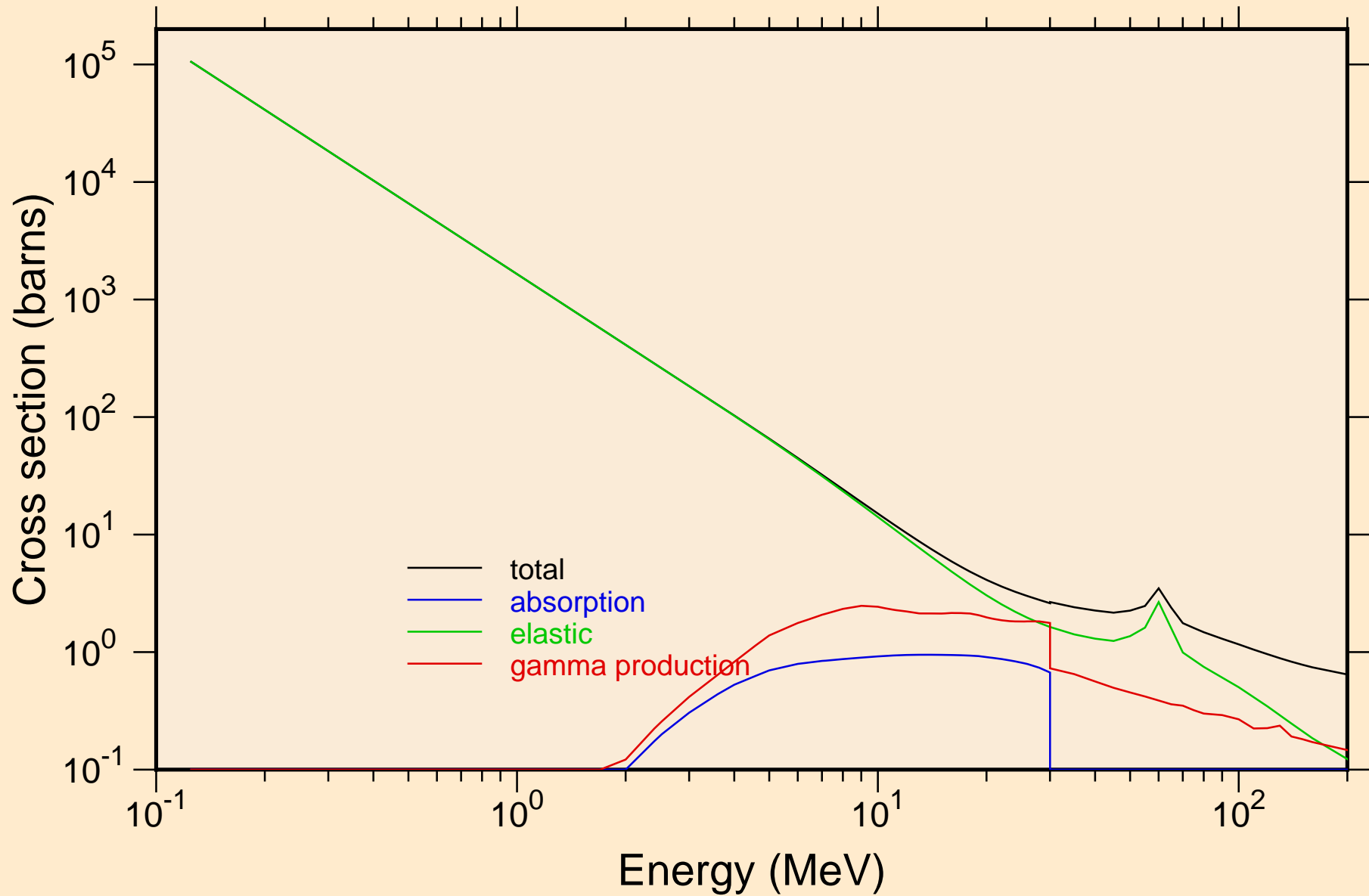
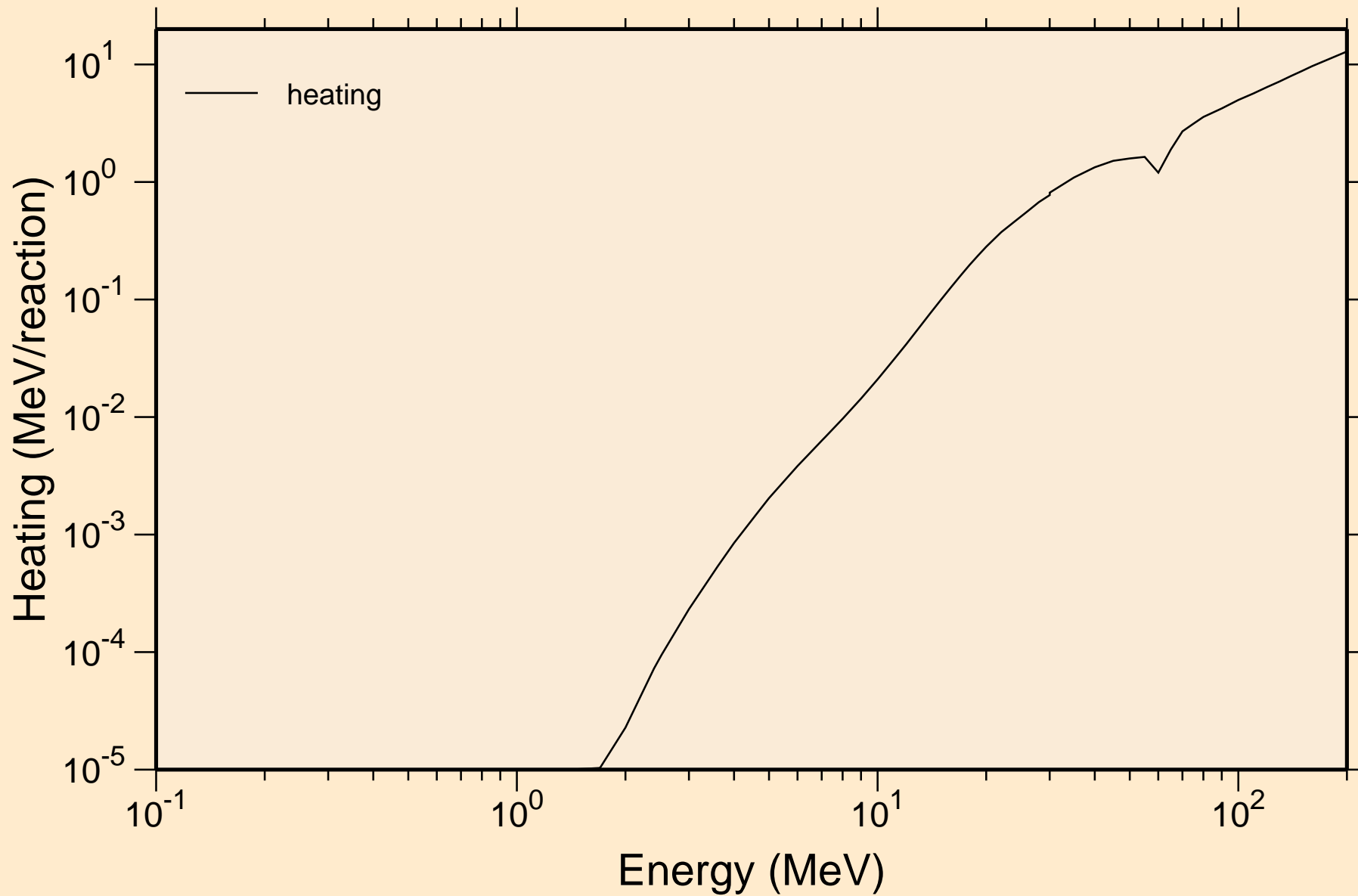


# S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

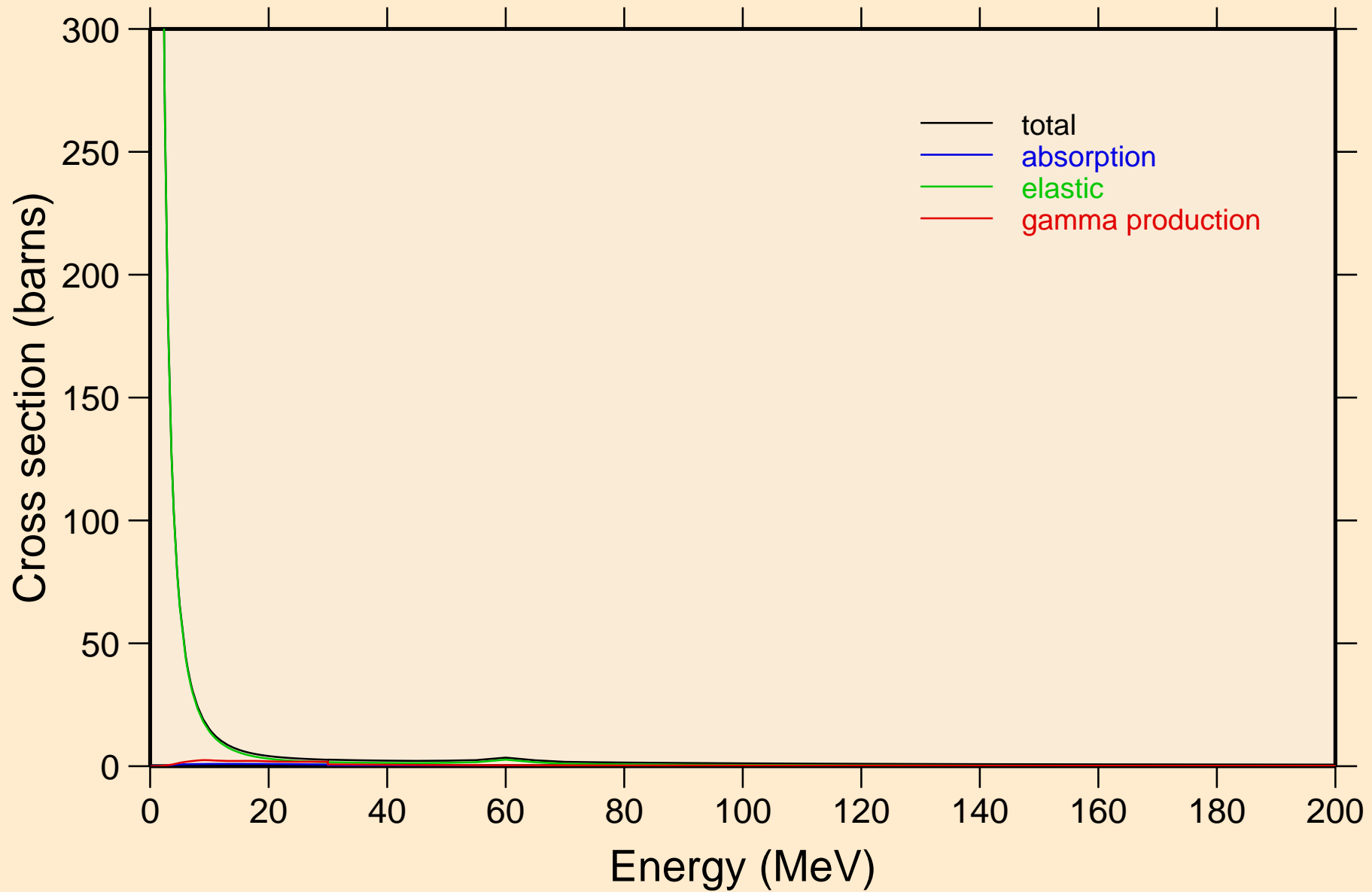


S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Heating



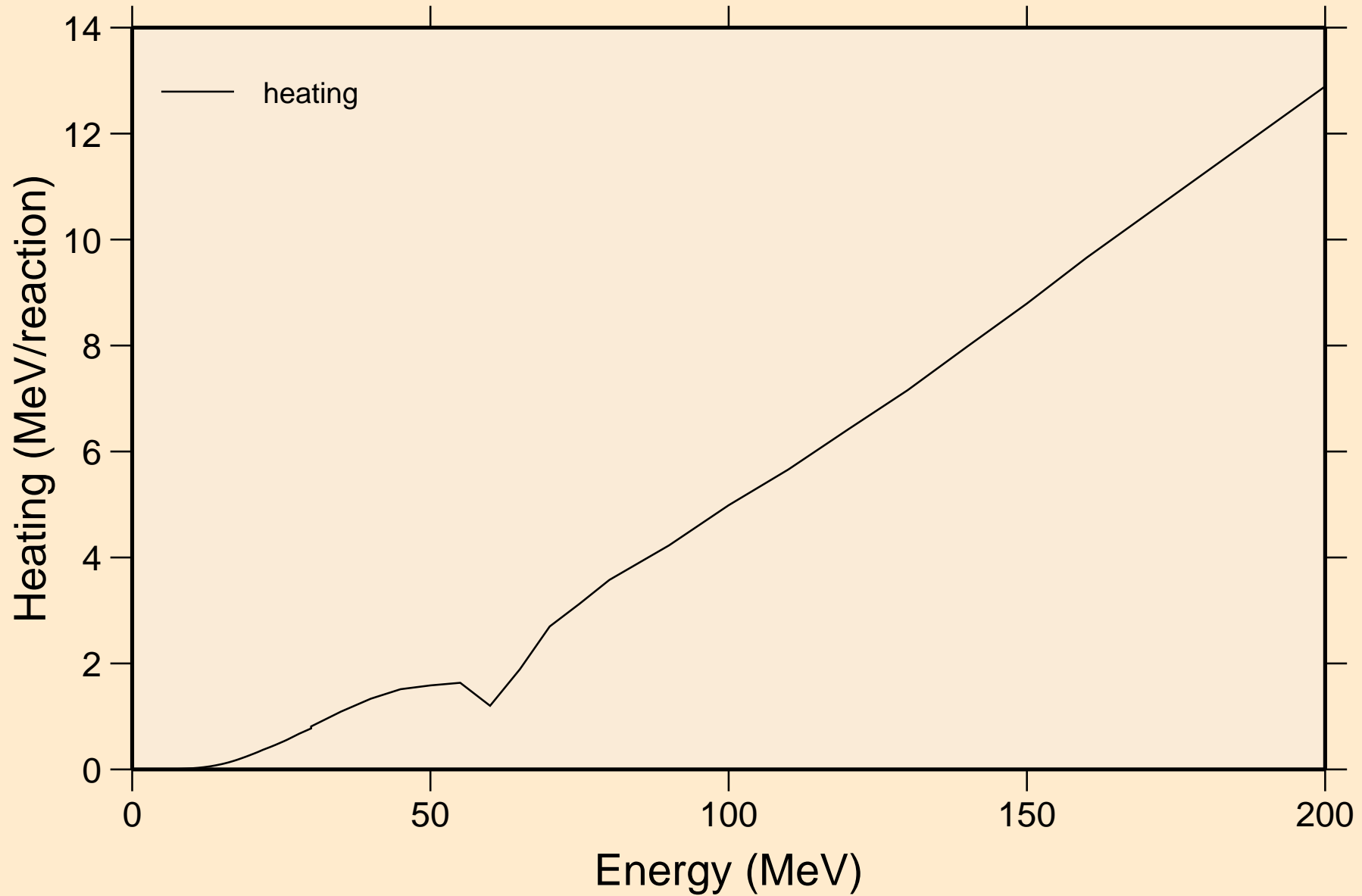
# S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



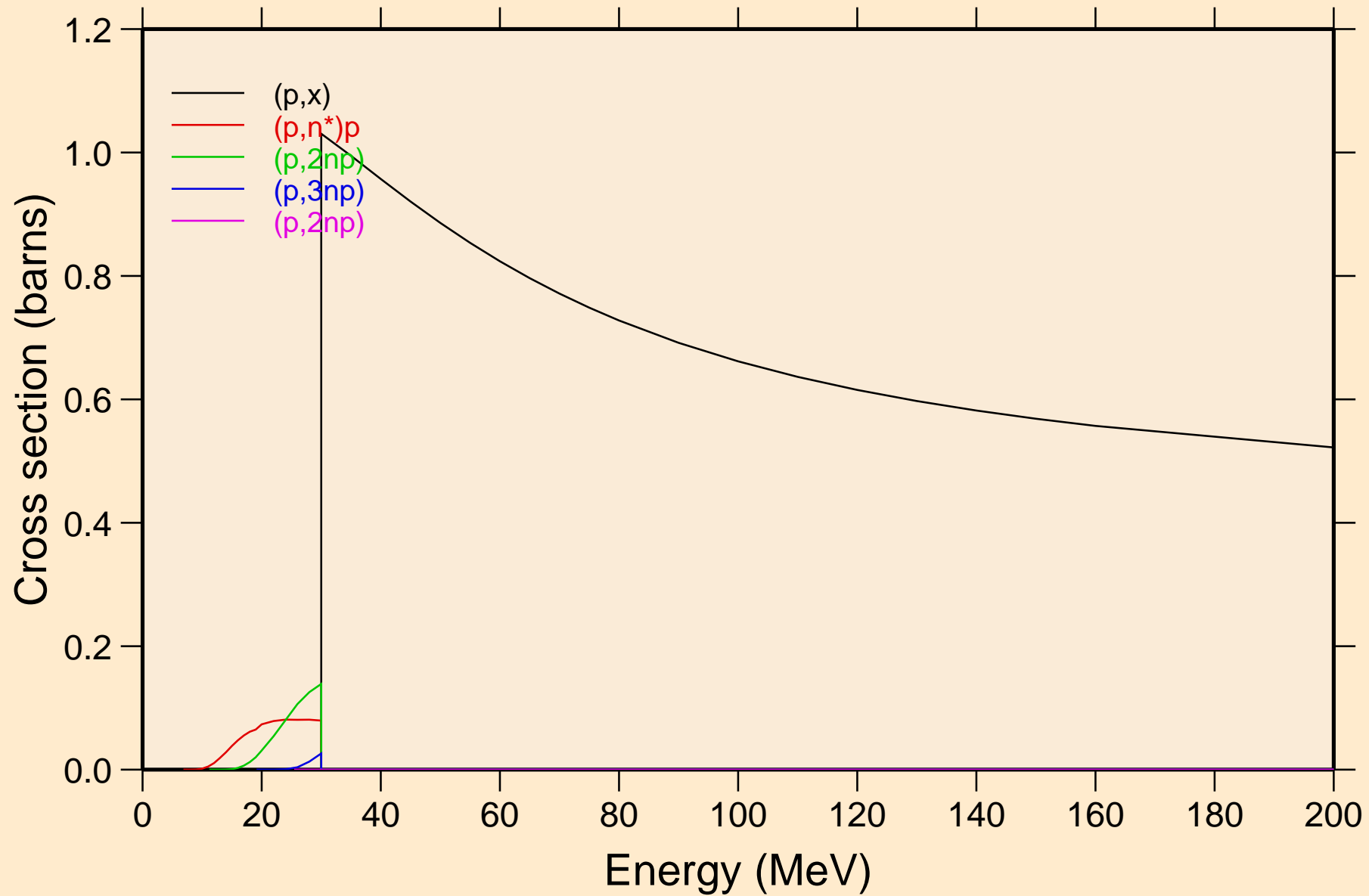
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## Heating

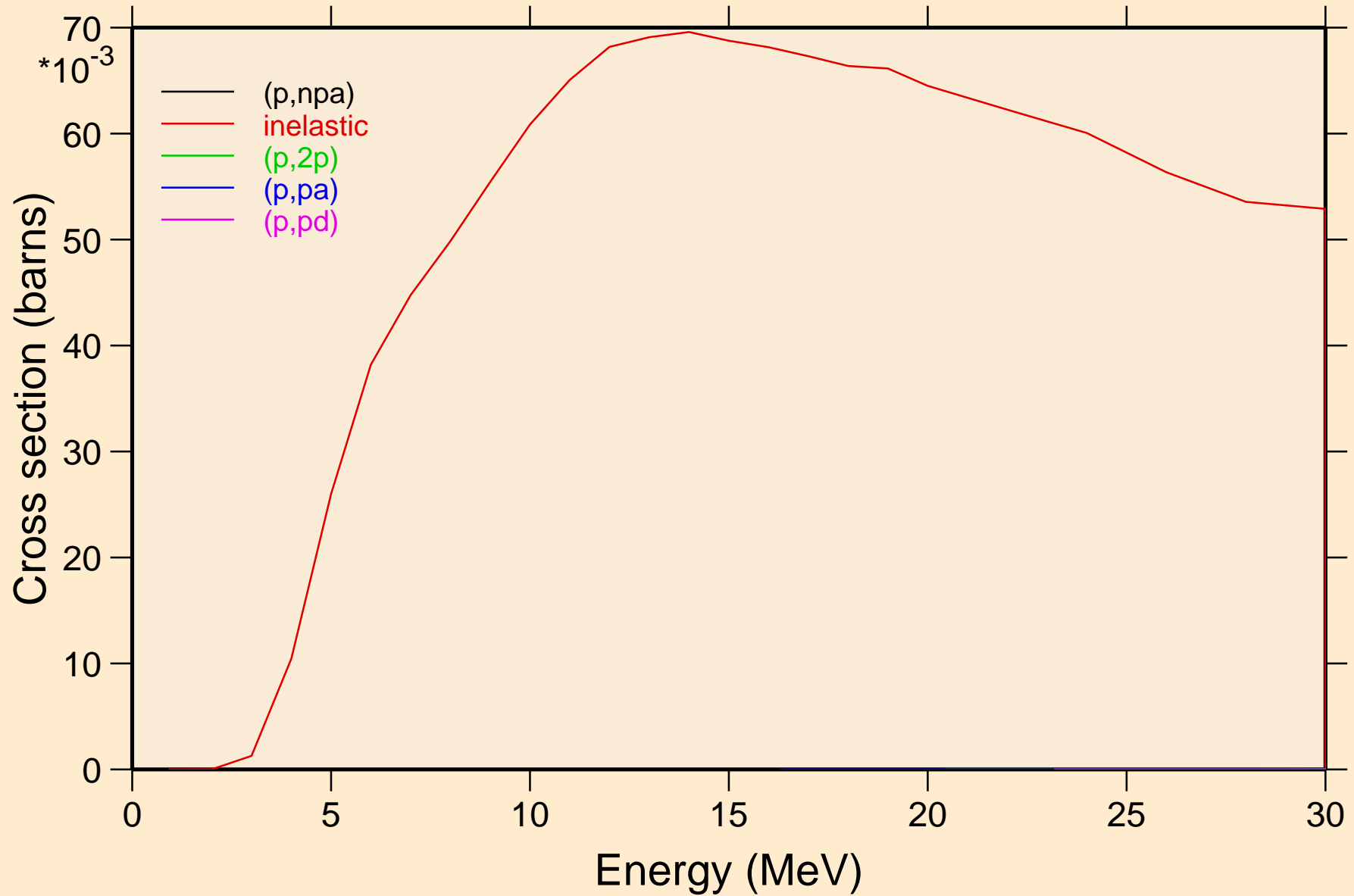


# S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K

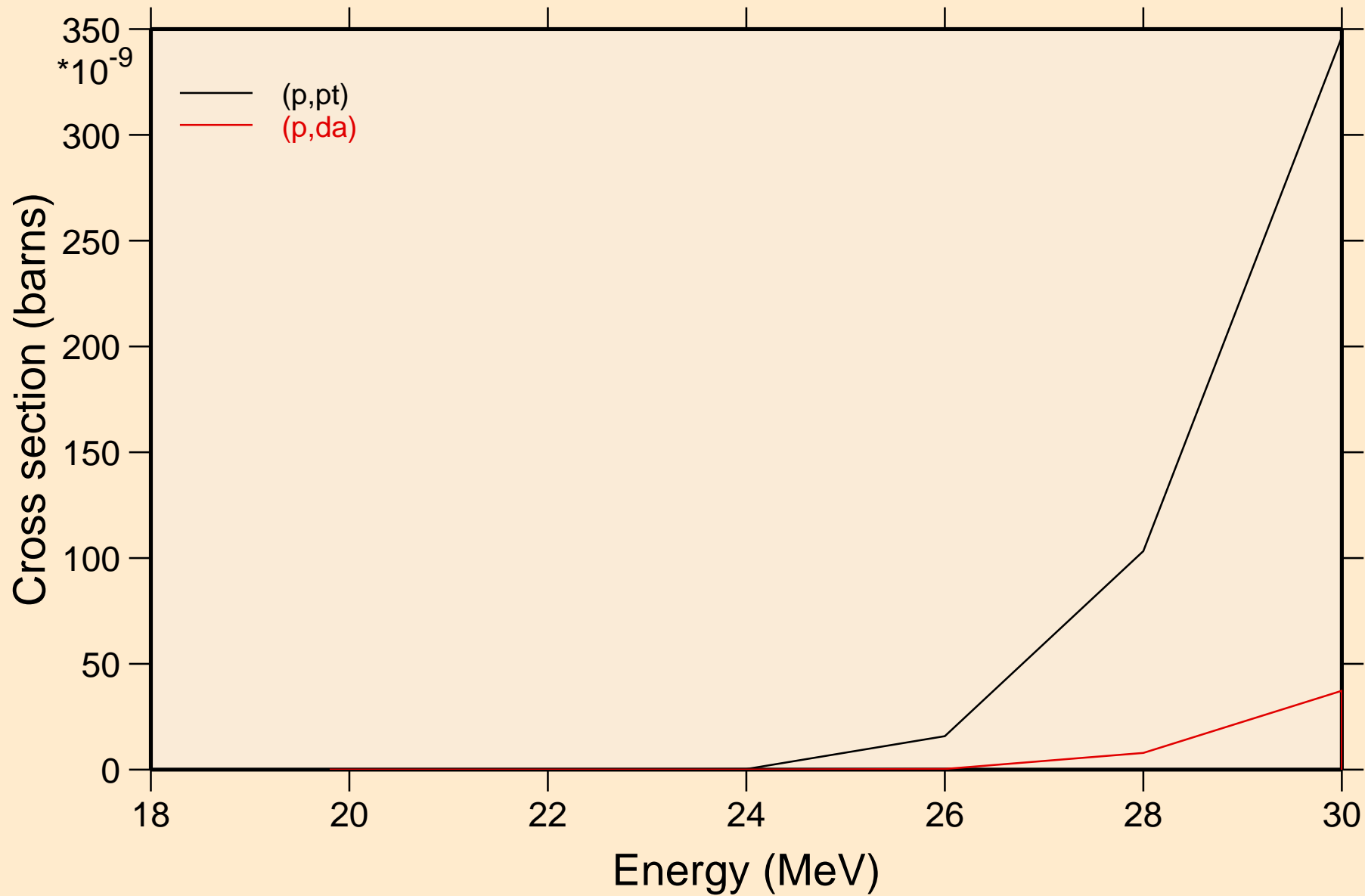
## Threshold reactions



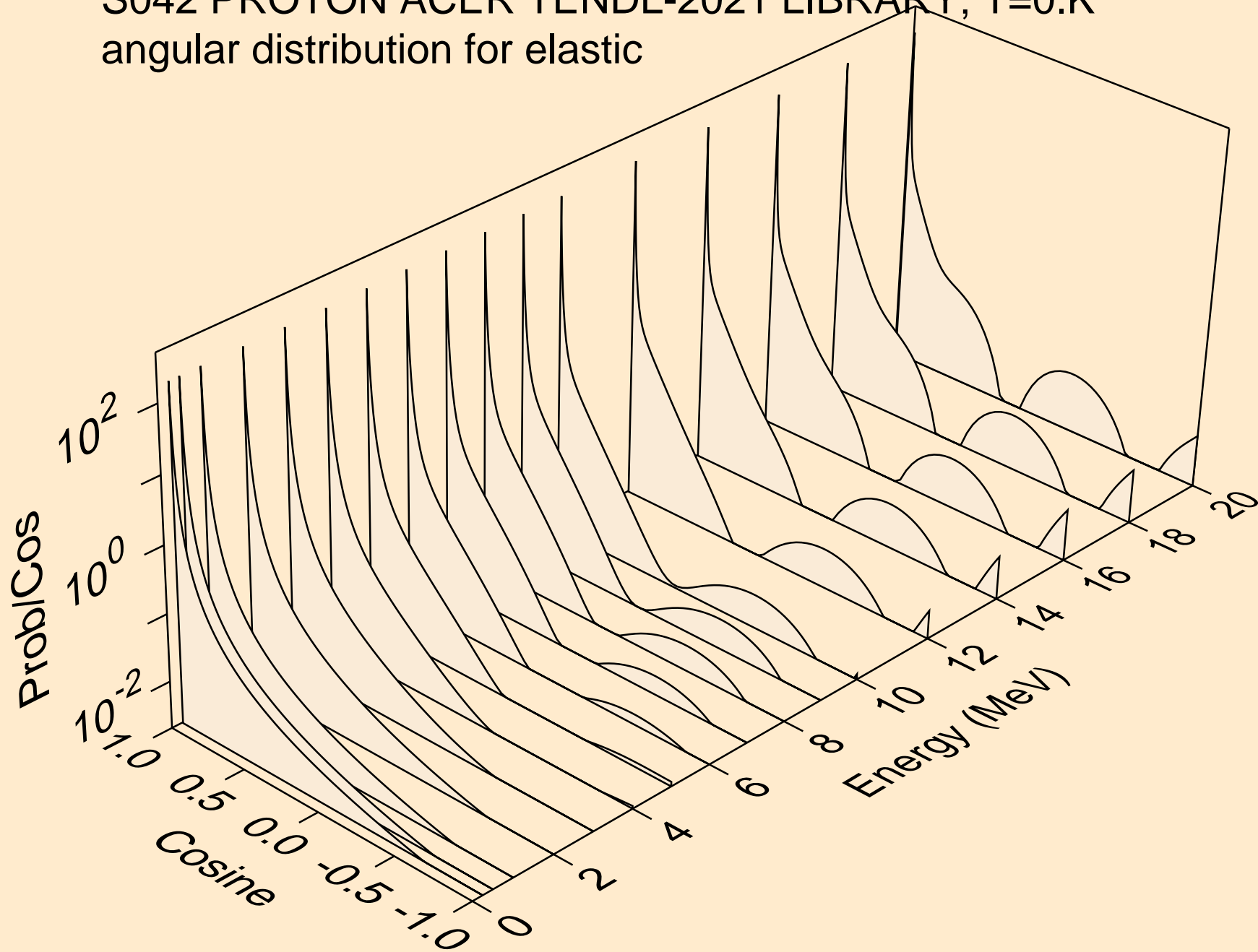
S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

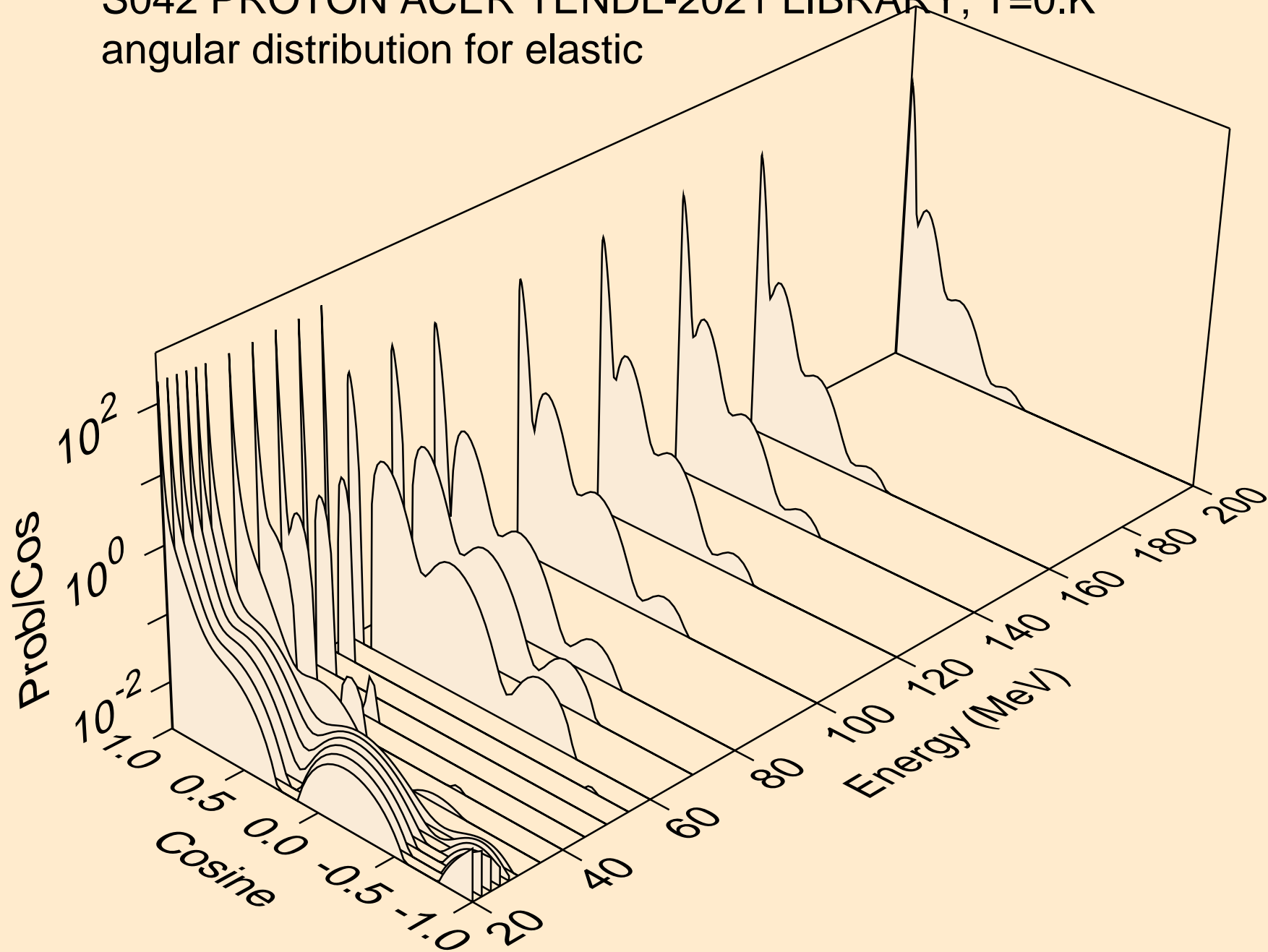


S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

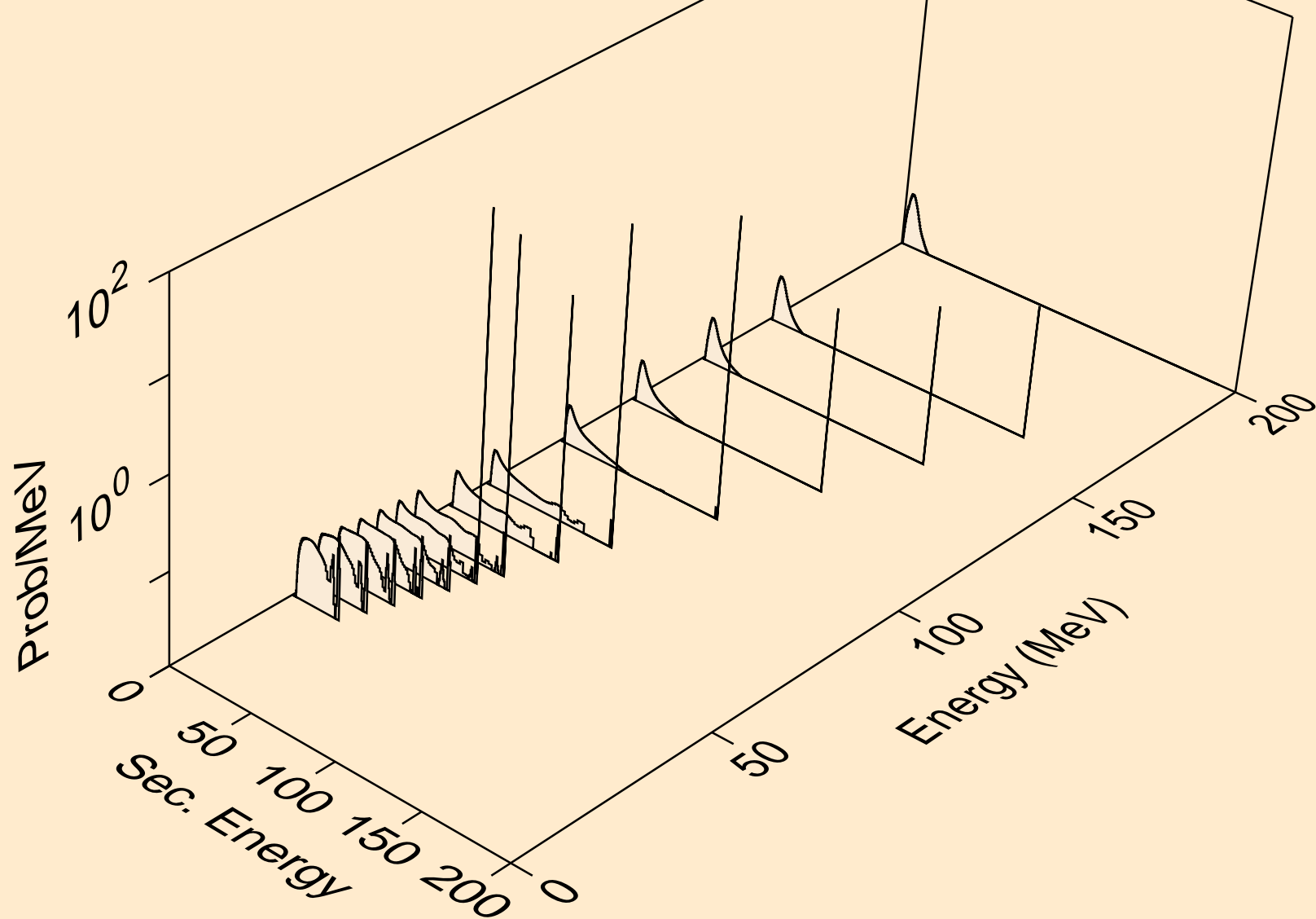




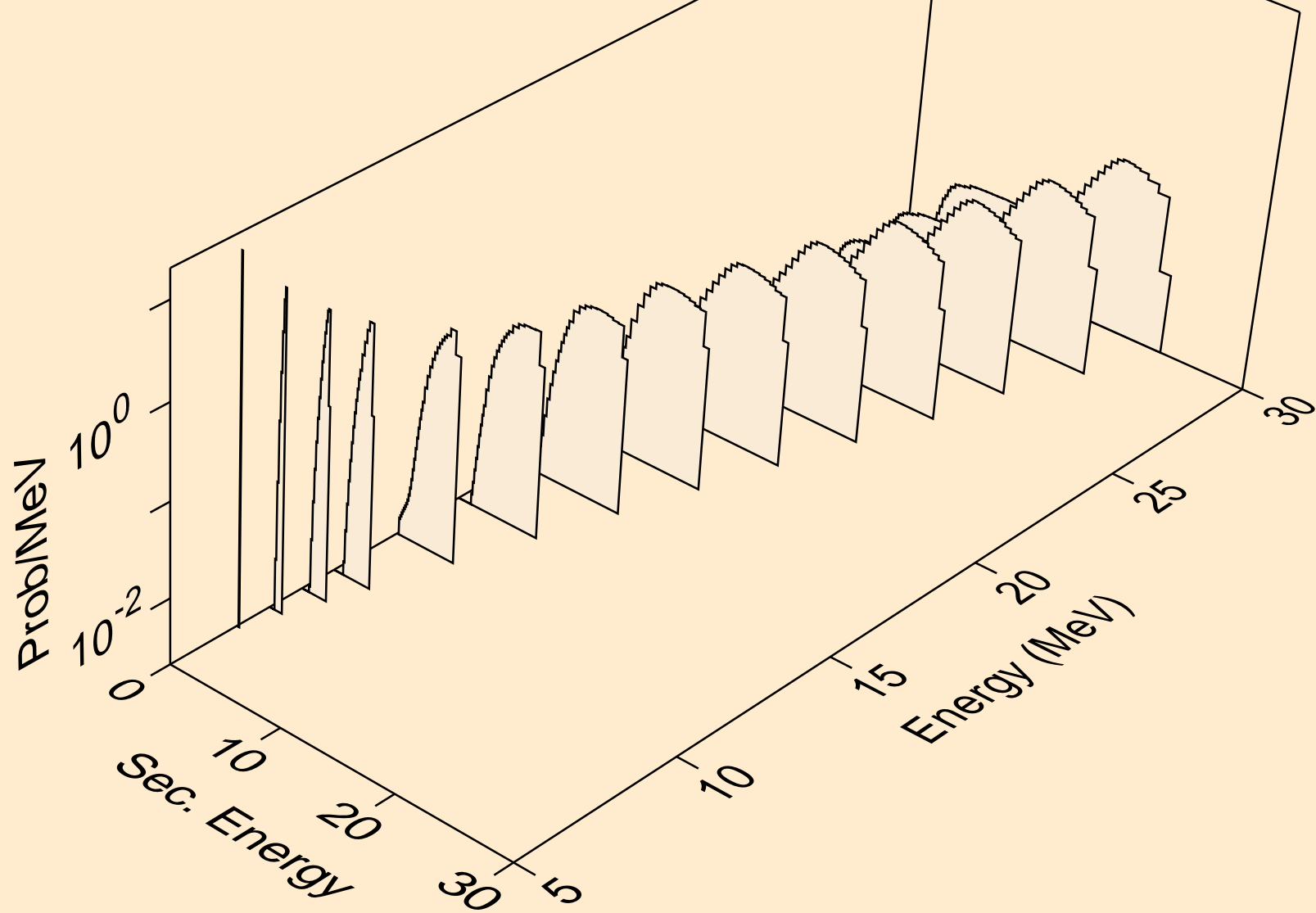
S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



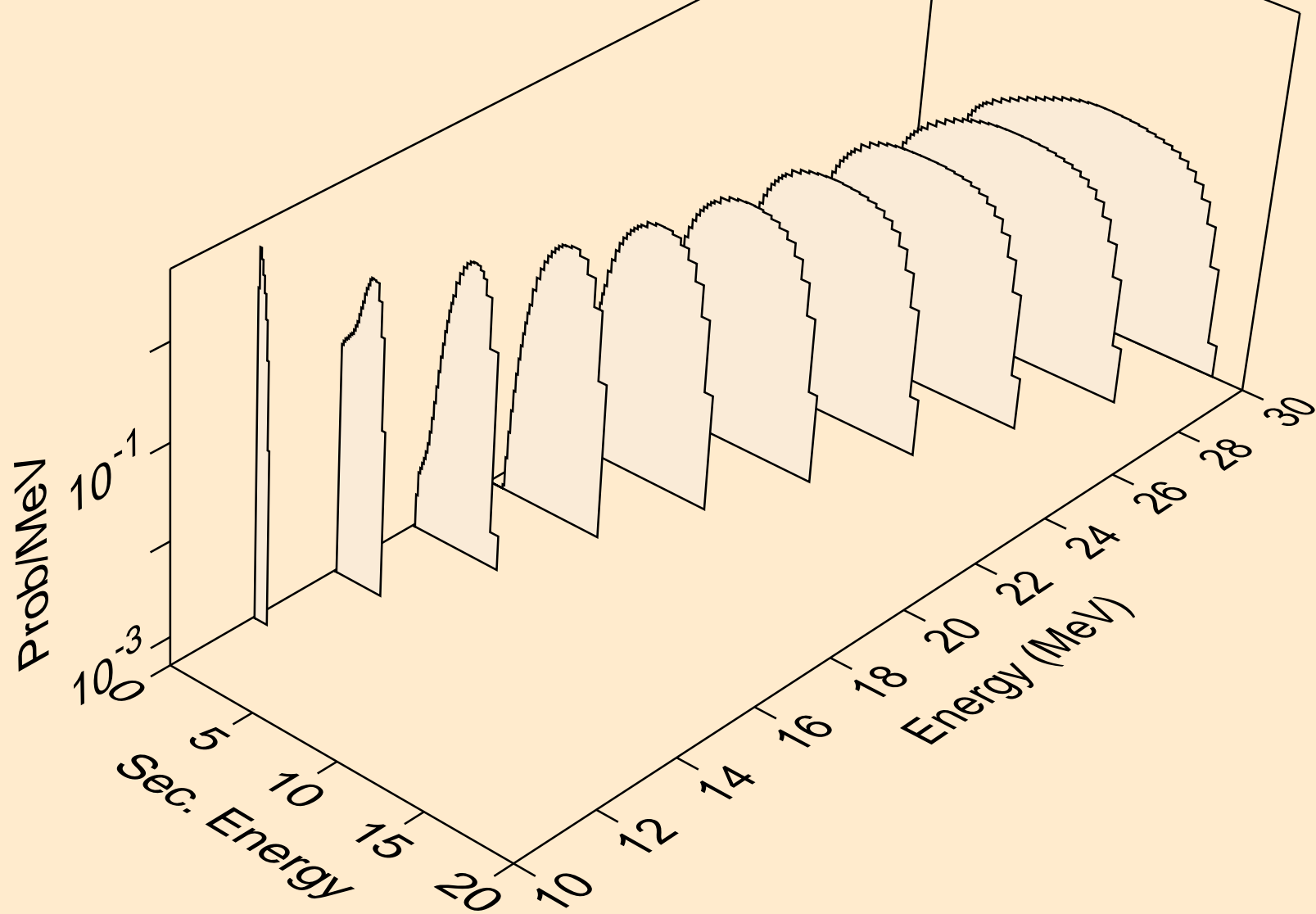
S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,x)



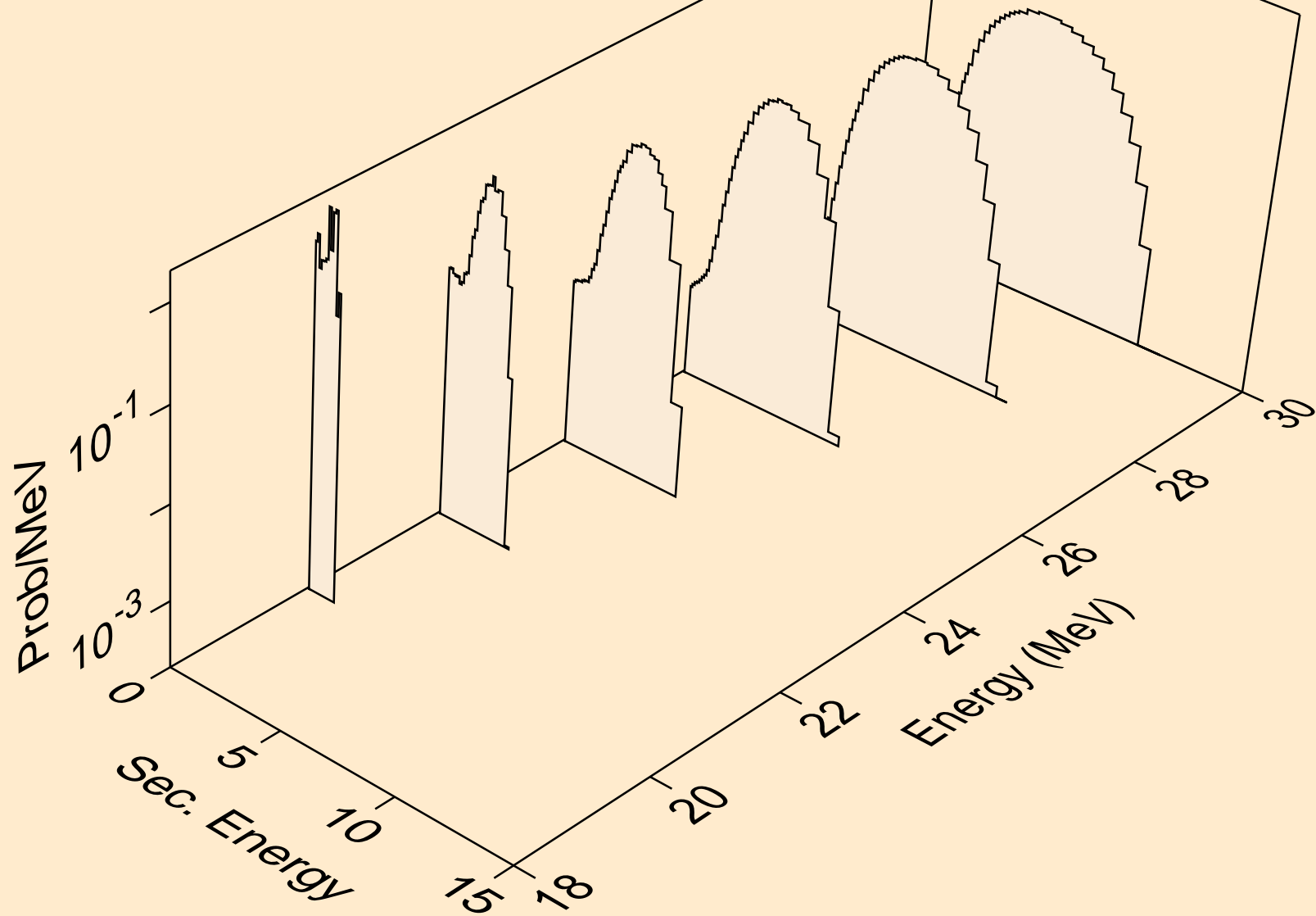
S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



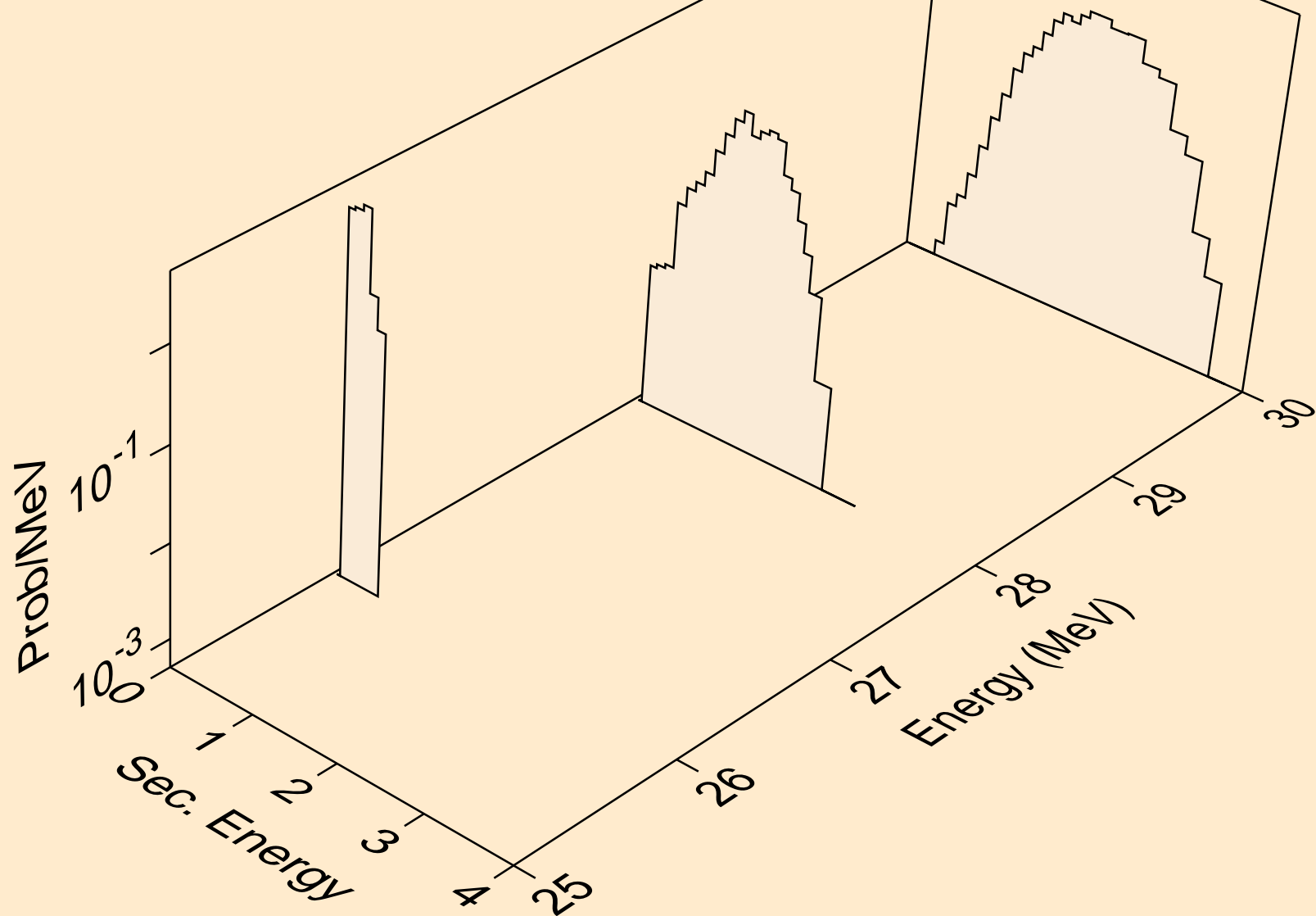
S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)



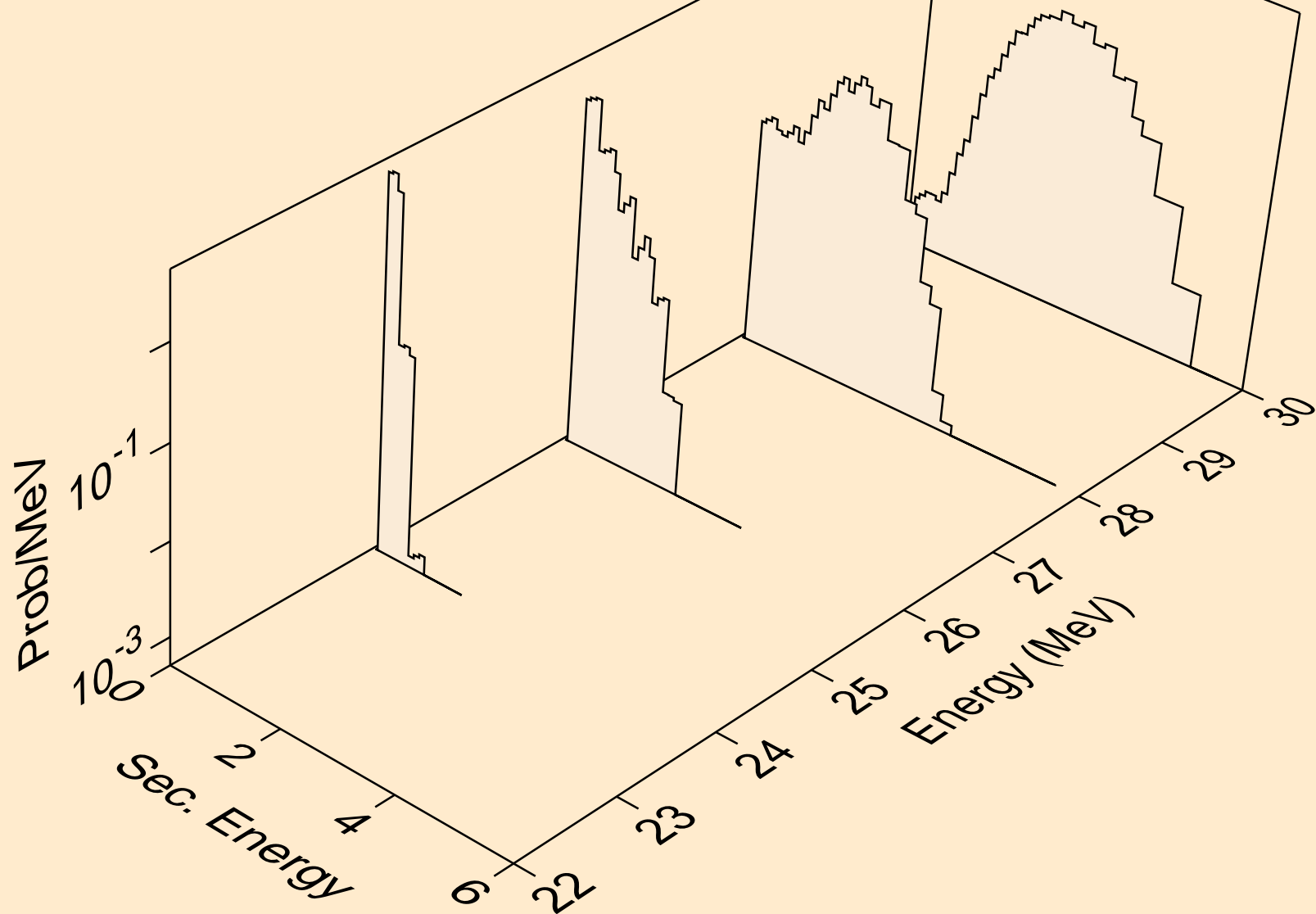
S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,3np)



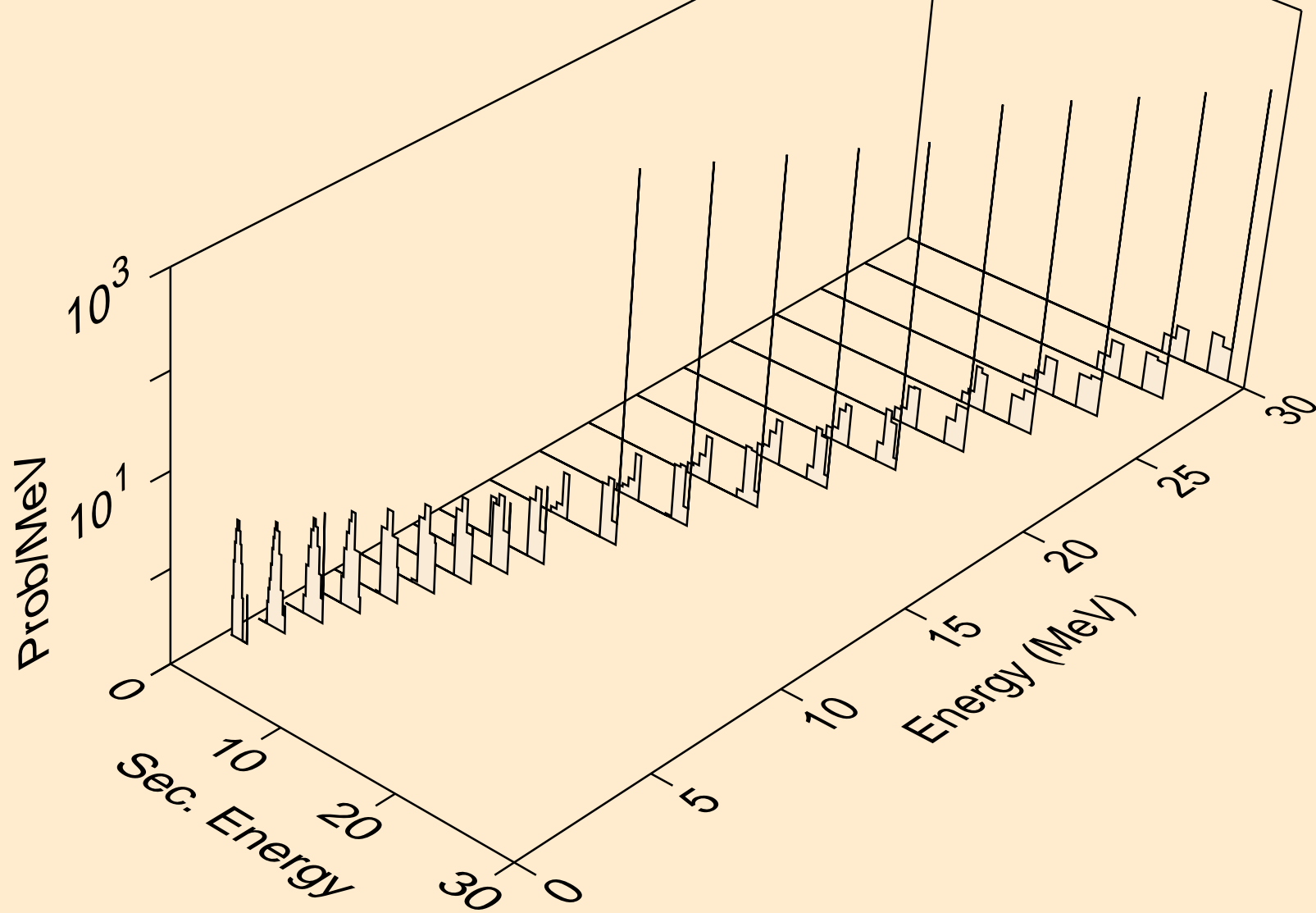
S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)



S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,npa)

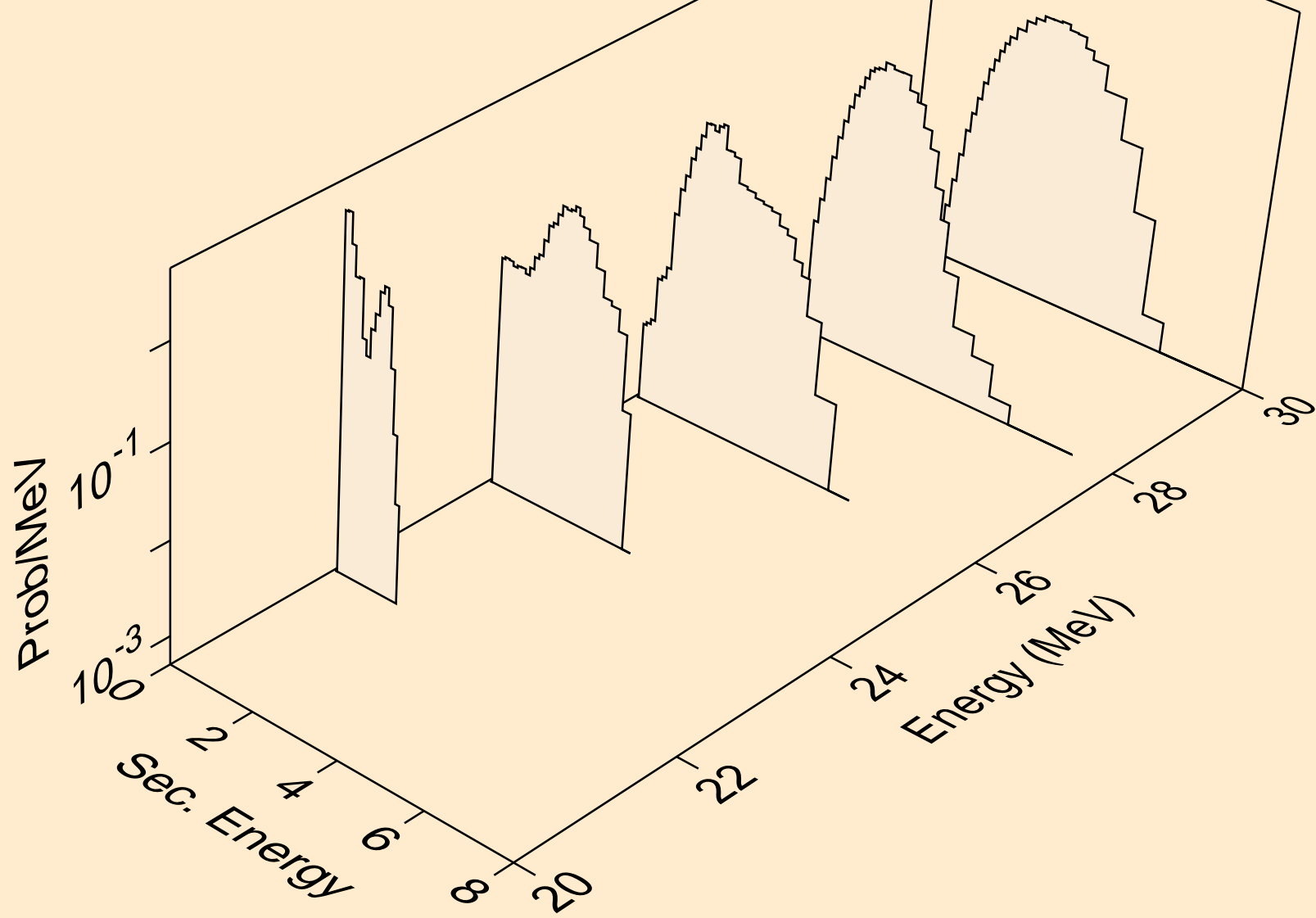


S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for inelastic

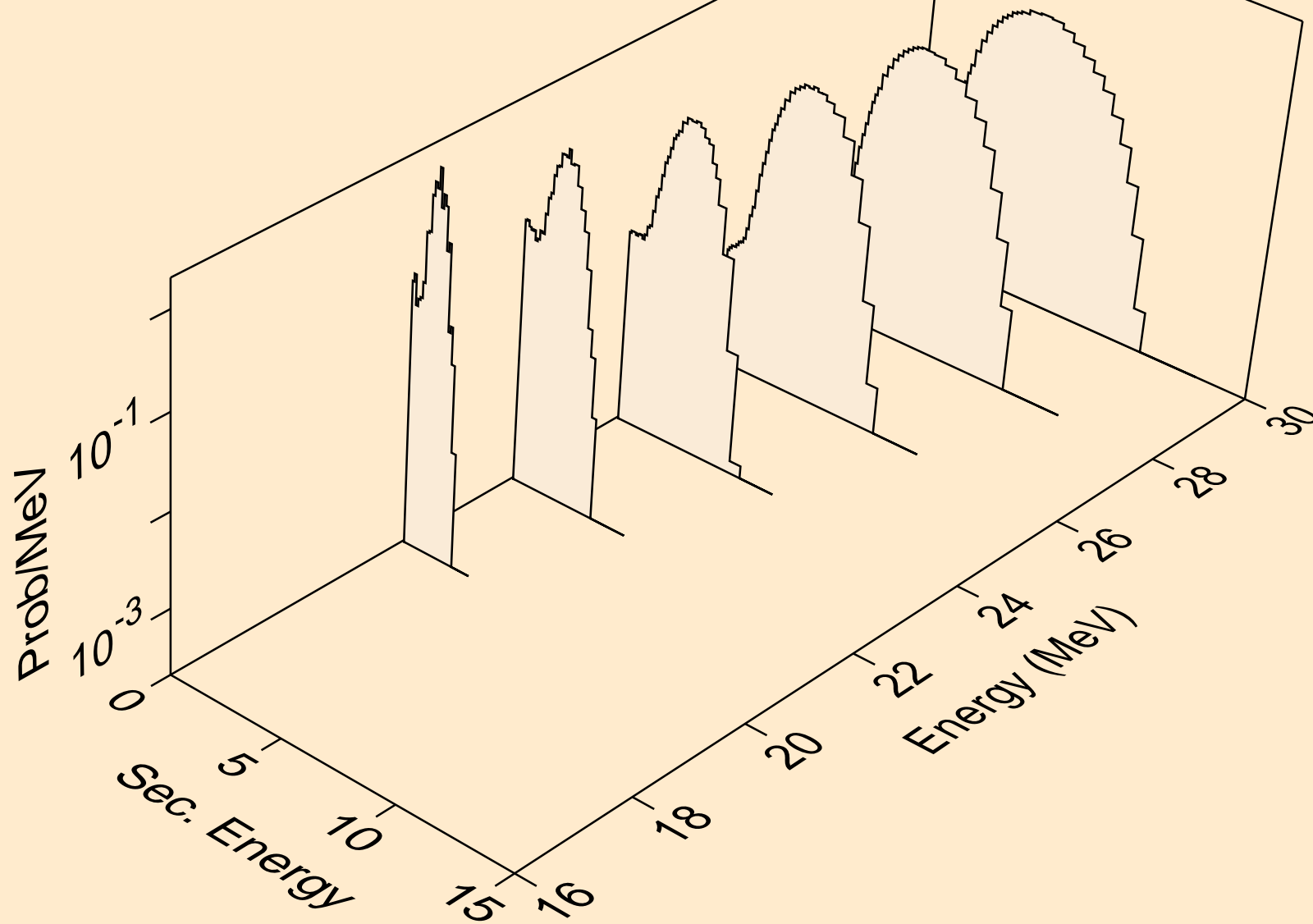




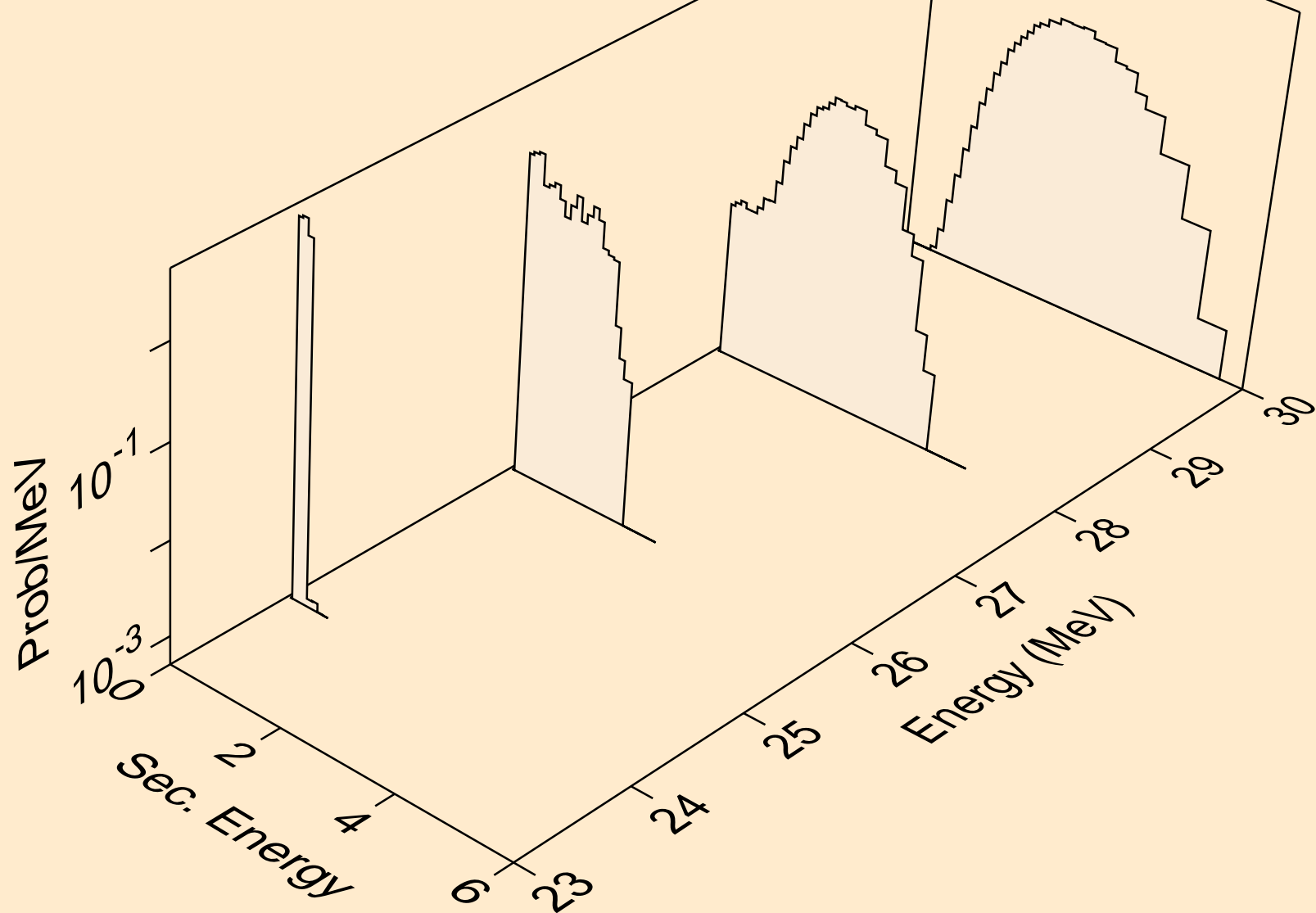
S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2p)



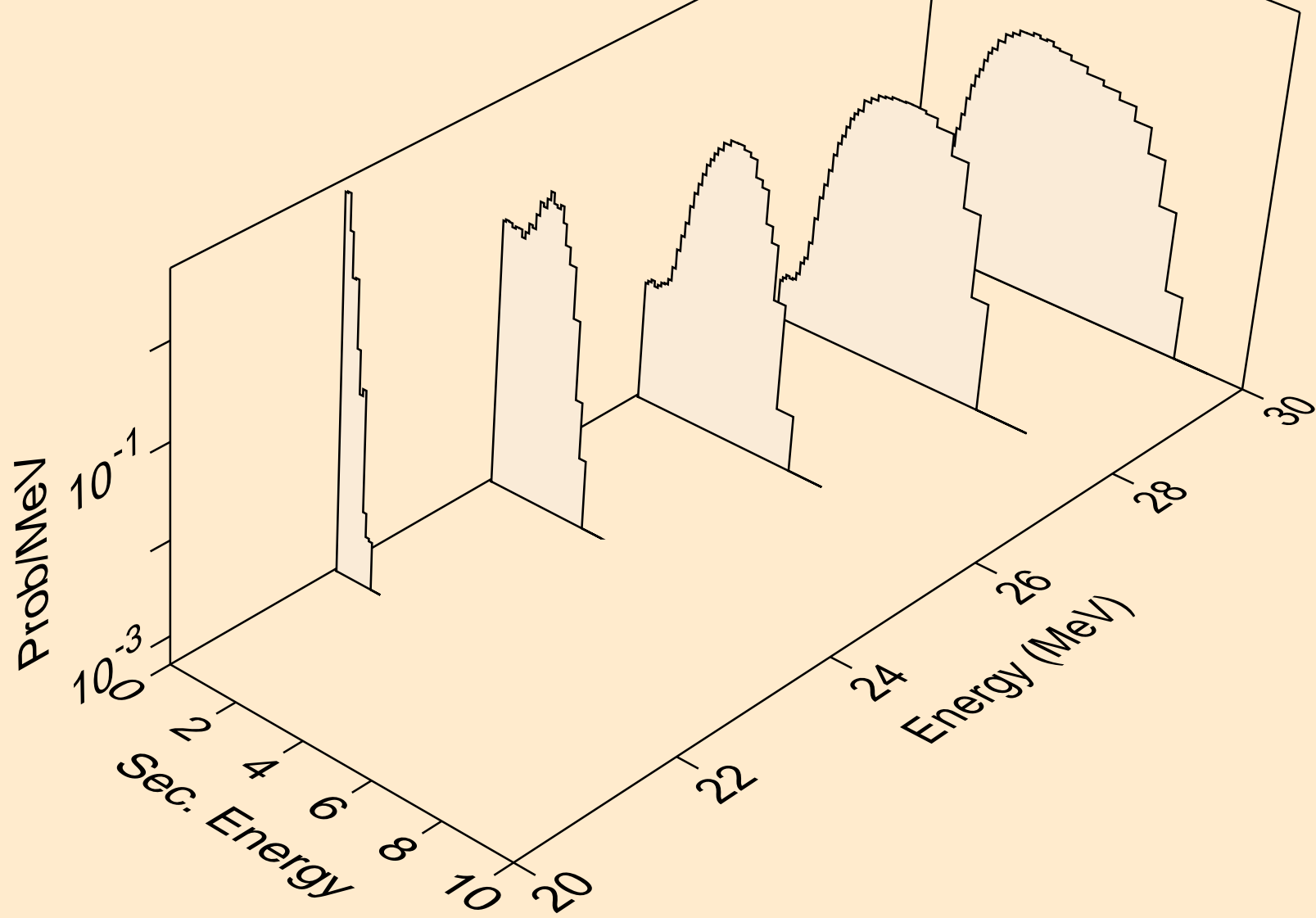
S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,pa)



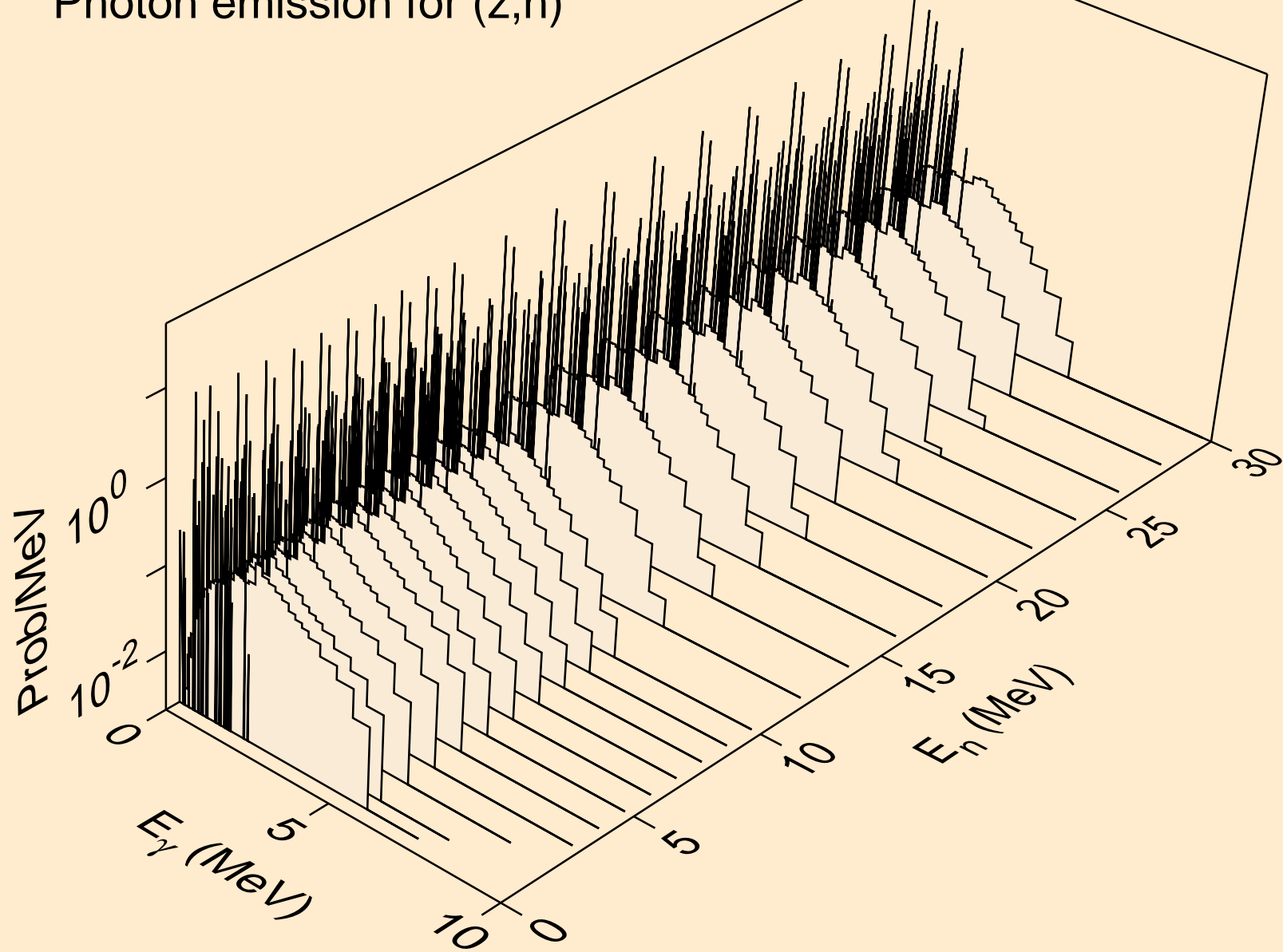
S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,pd)



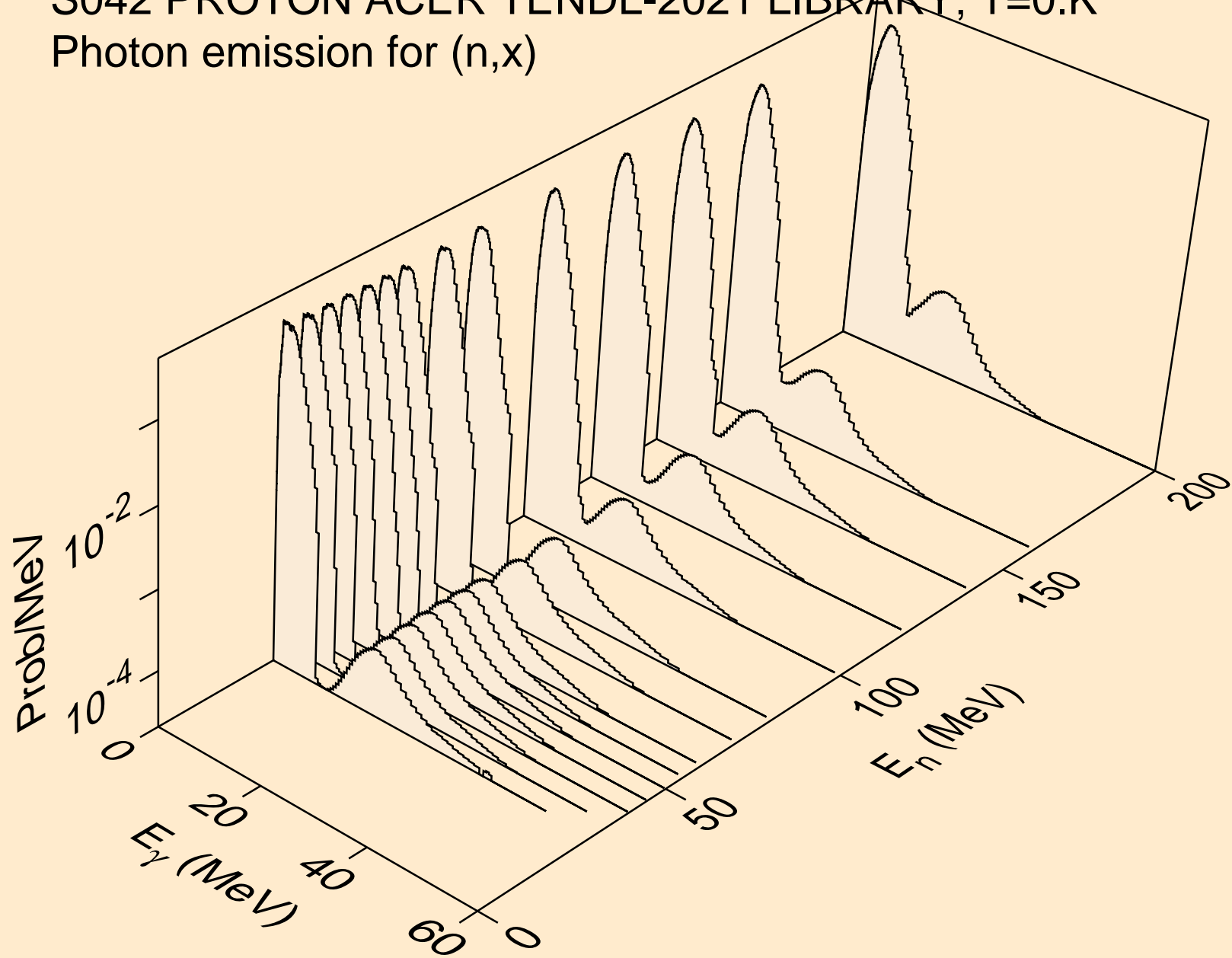
S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,pt)



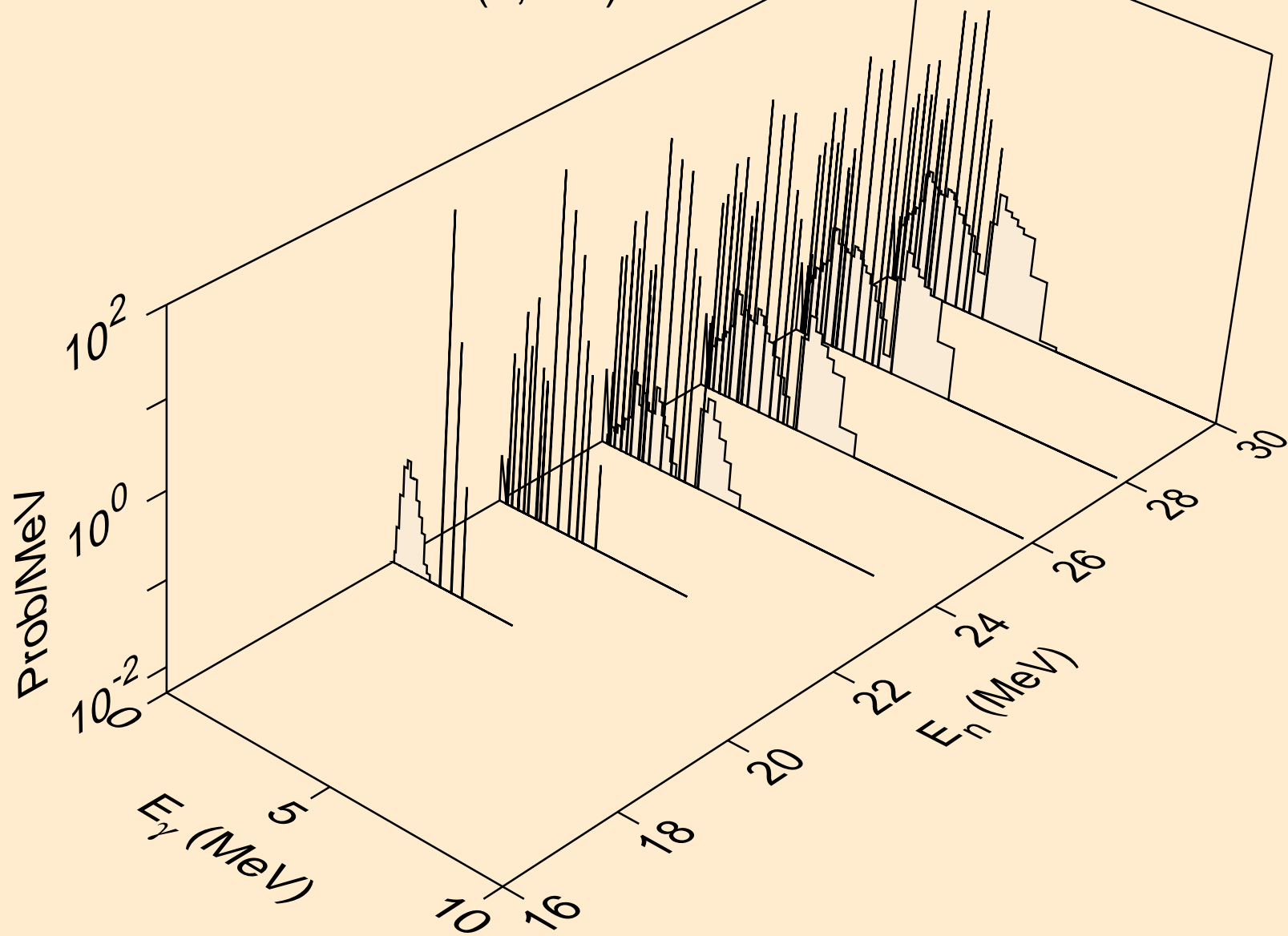
S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



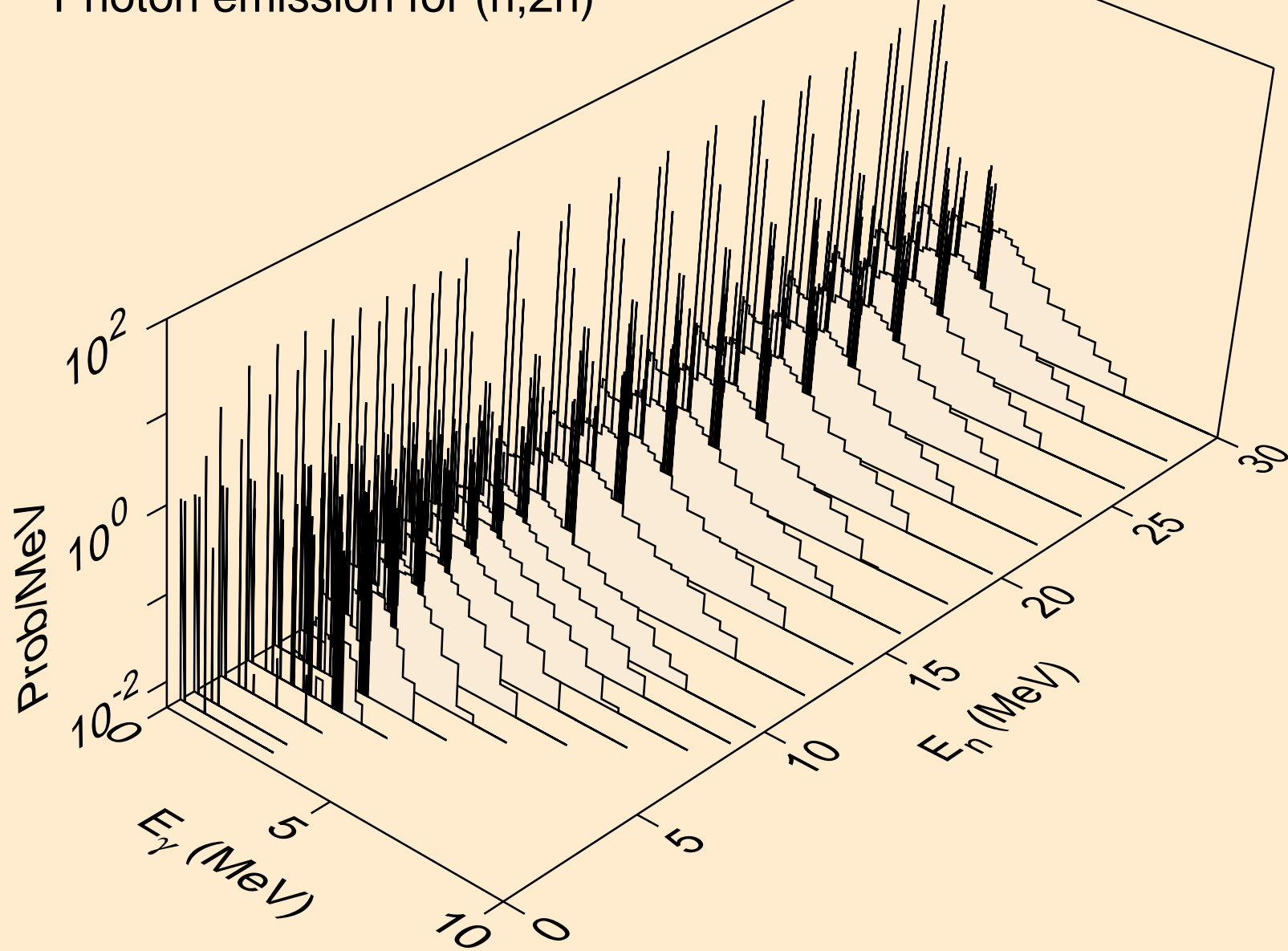
S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)

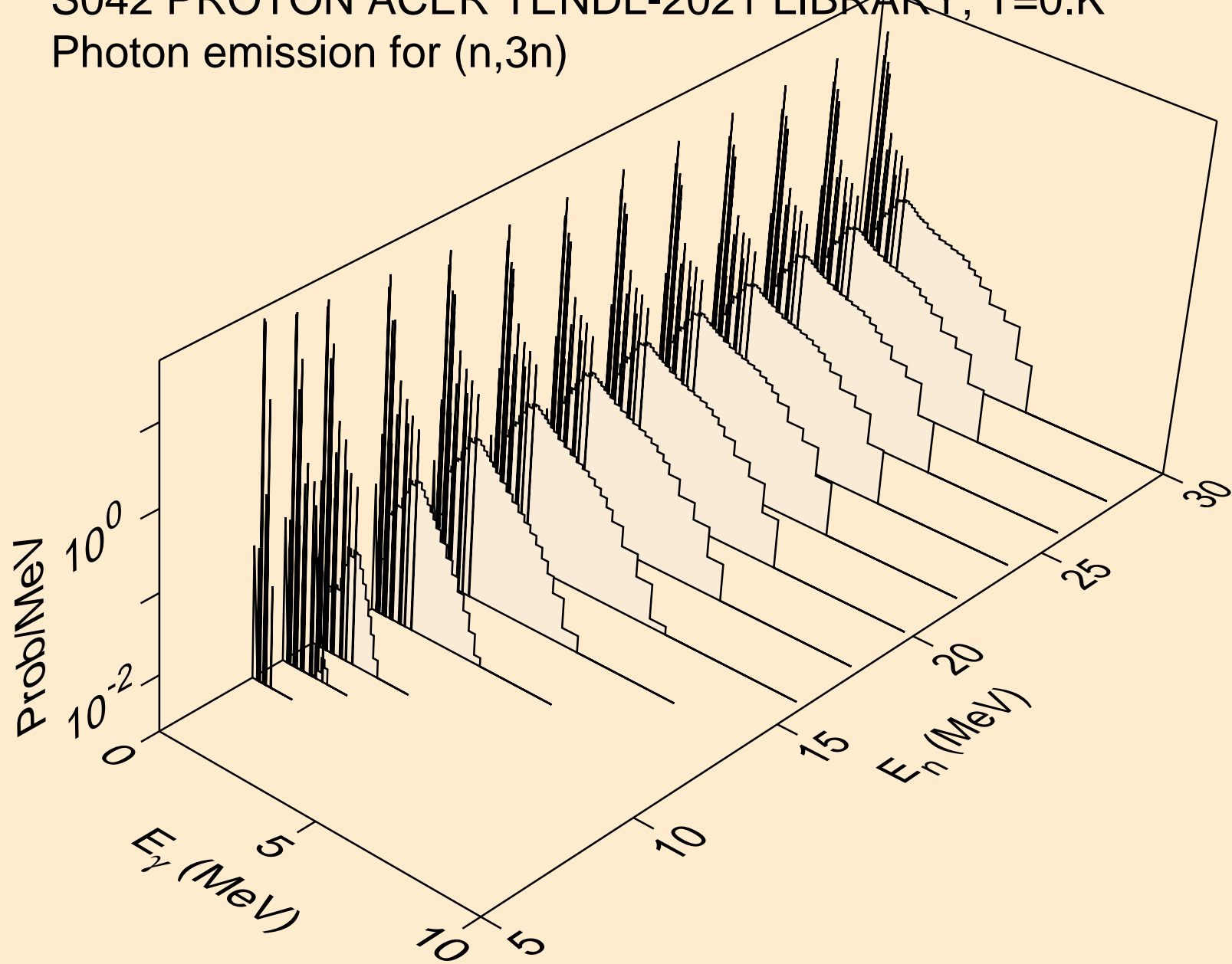


S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)

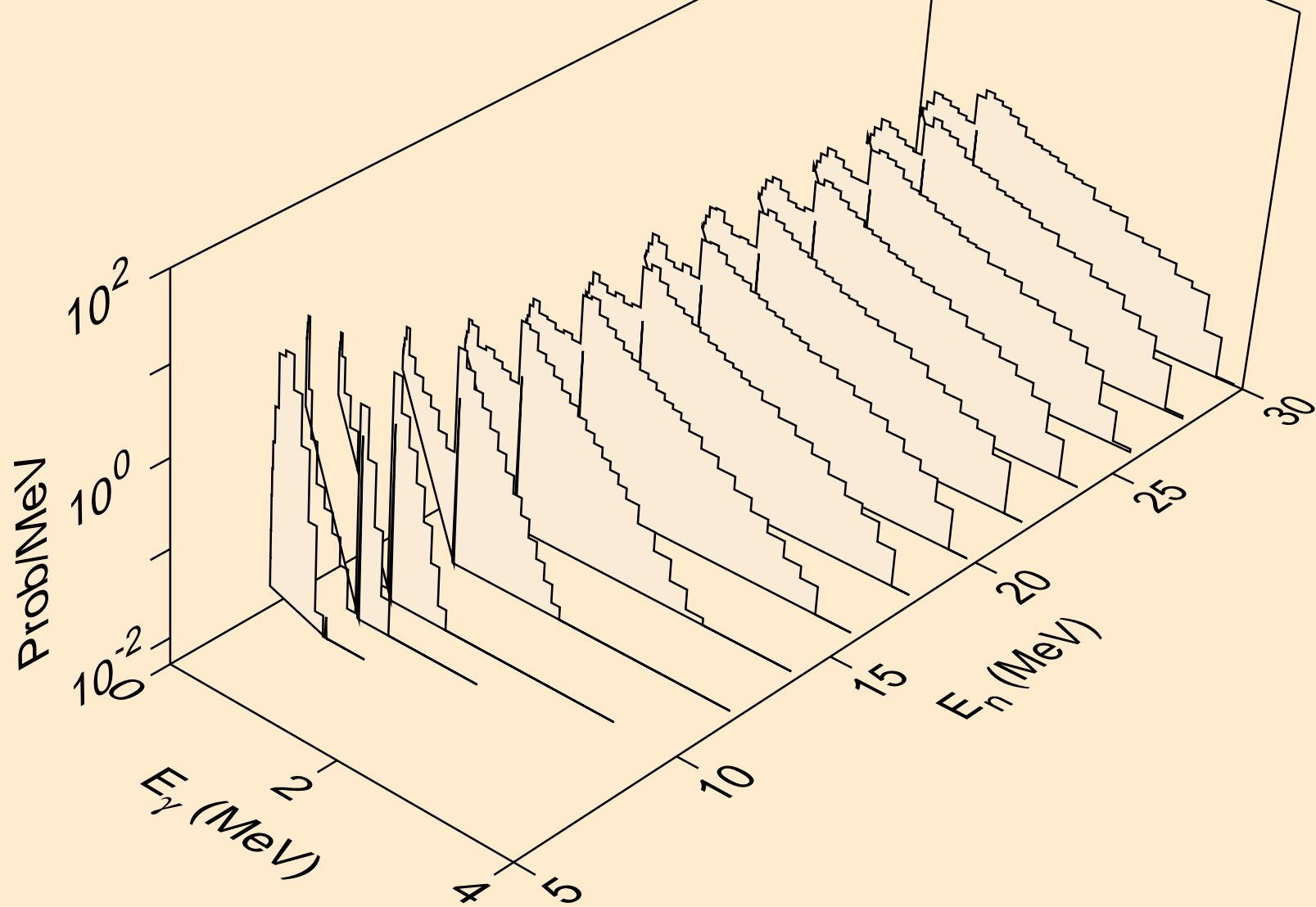




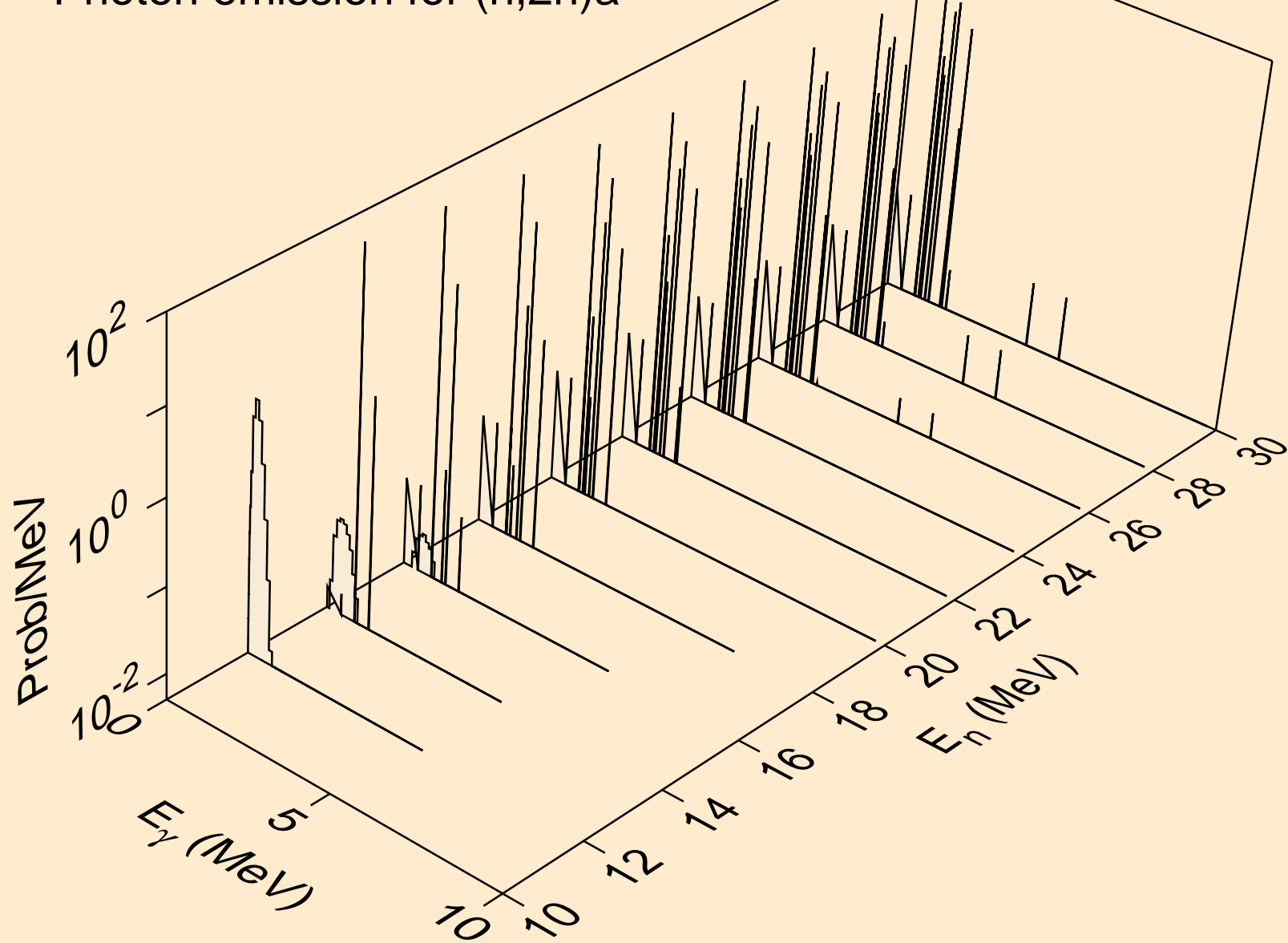
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Photon emission for (n,3n)



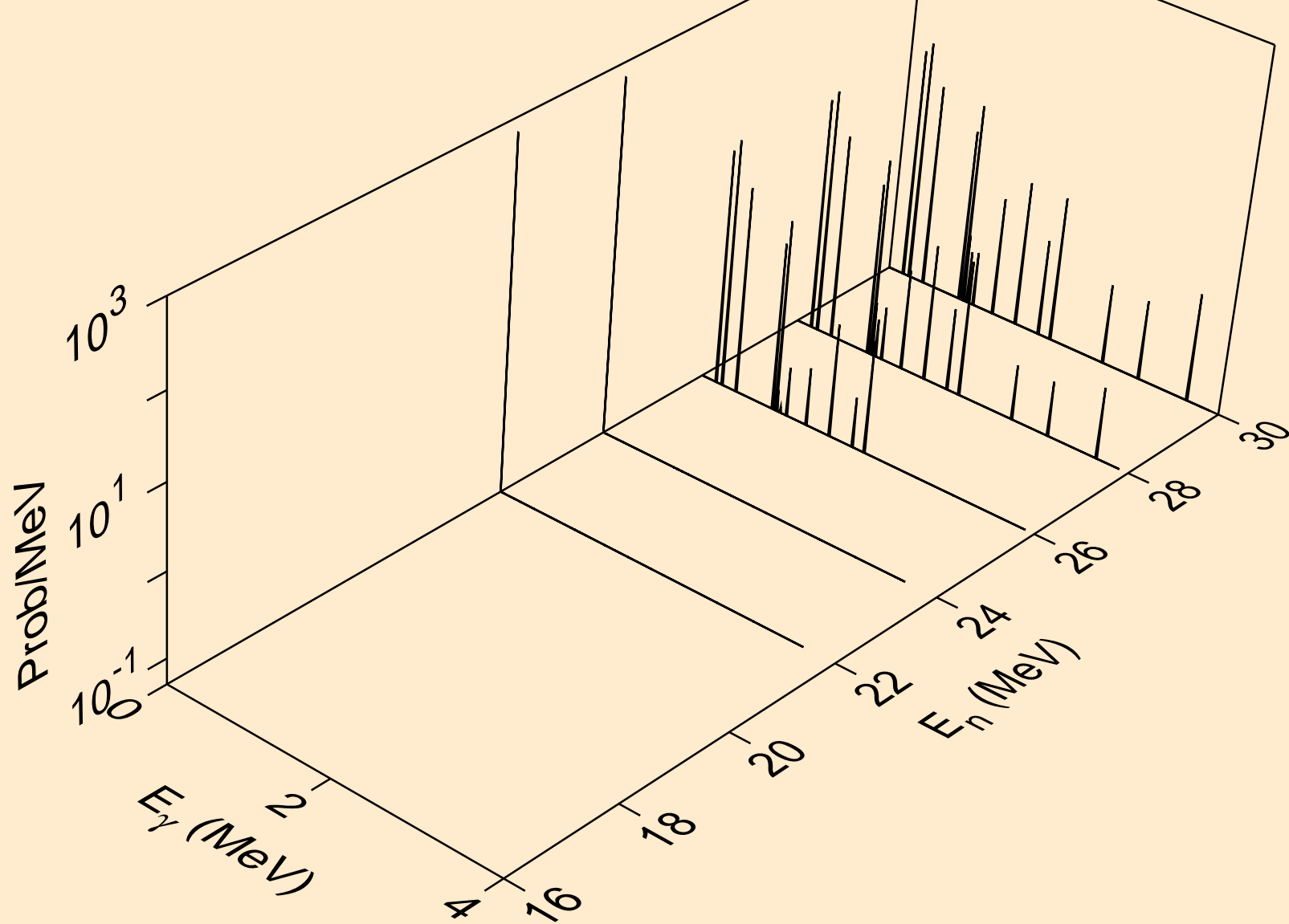
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Photon emission for (n,n\*)a



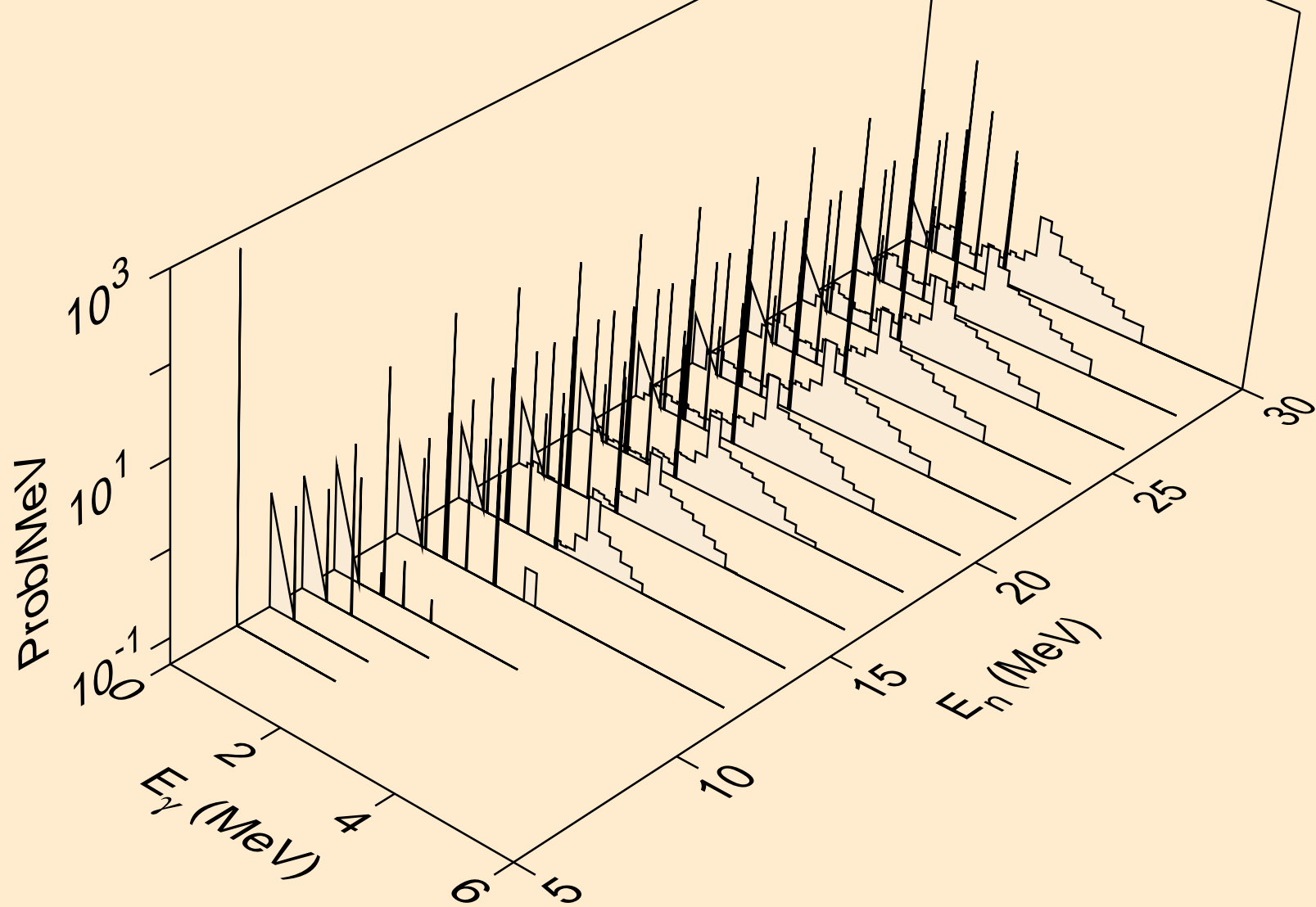
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Photon emission for (n,2n)a



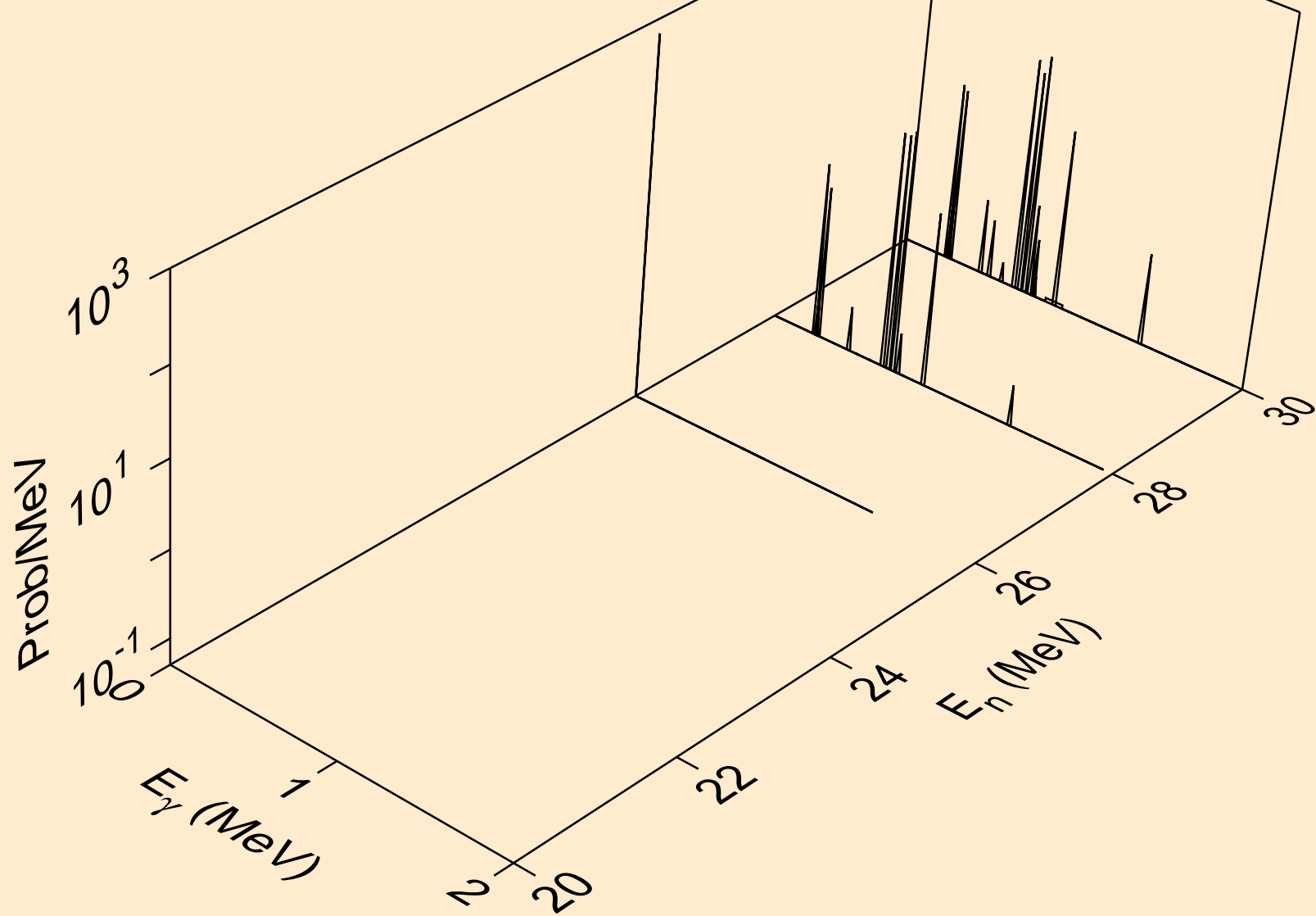
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Photon emission for (n,3n)a



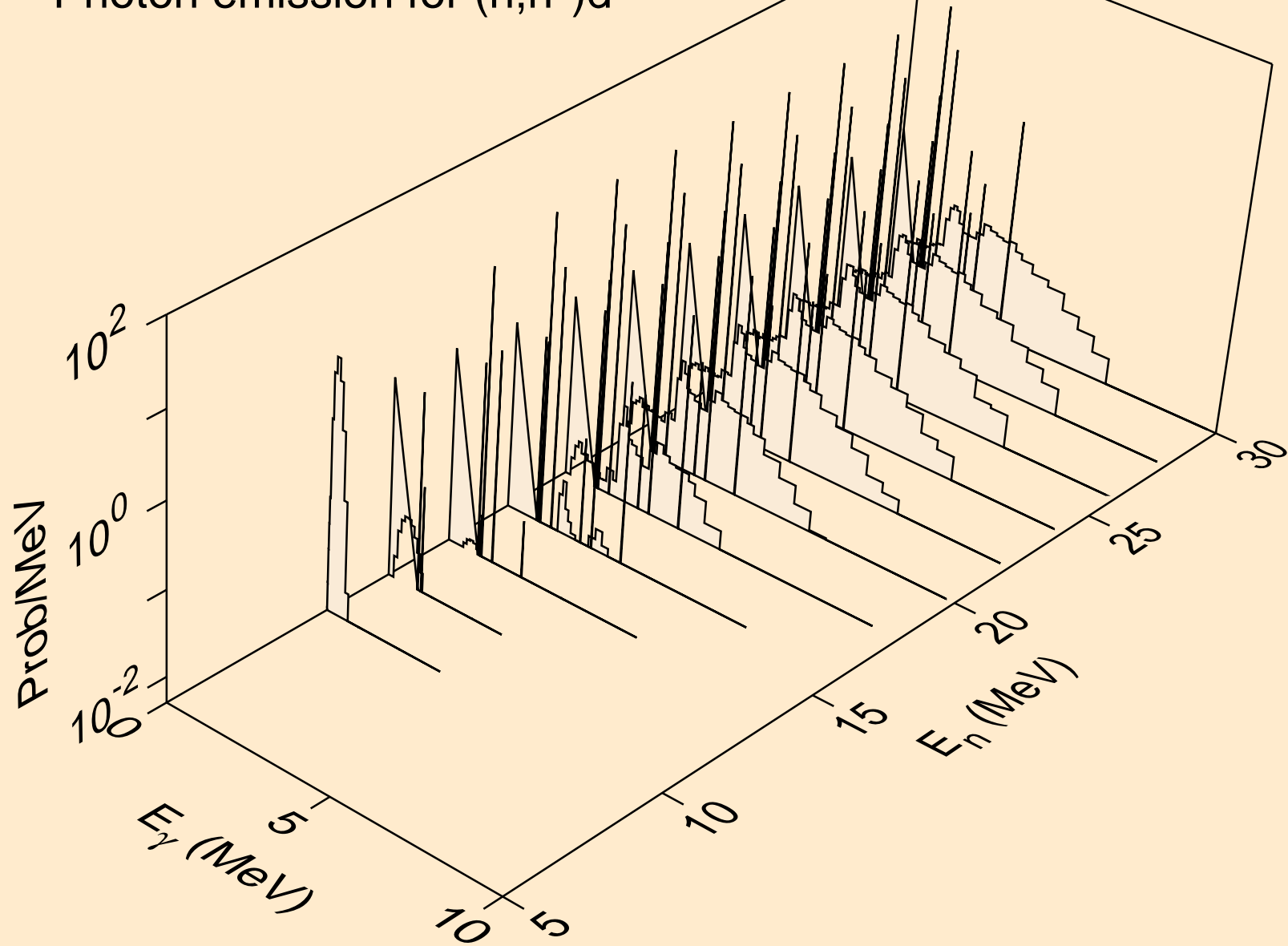
S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



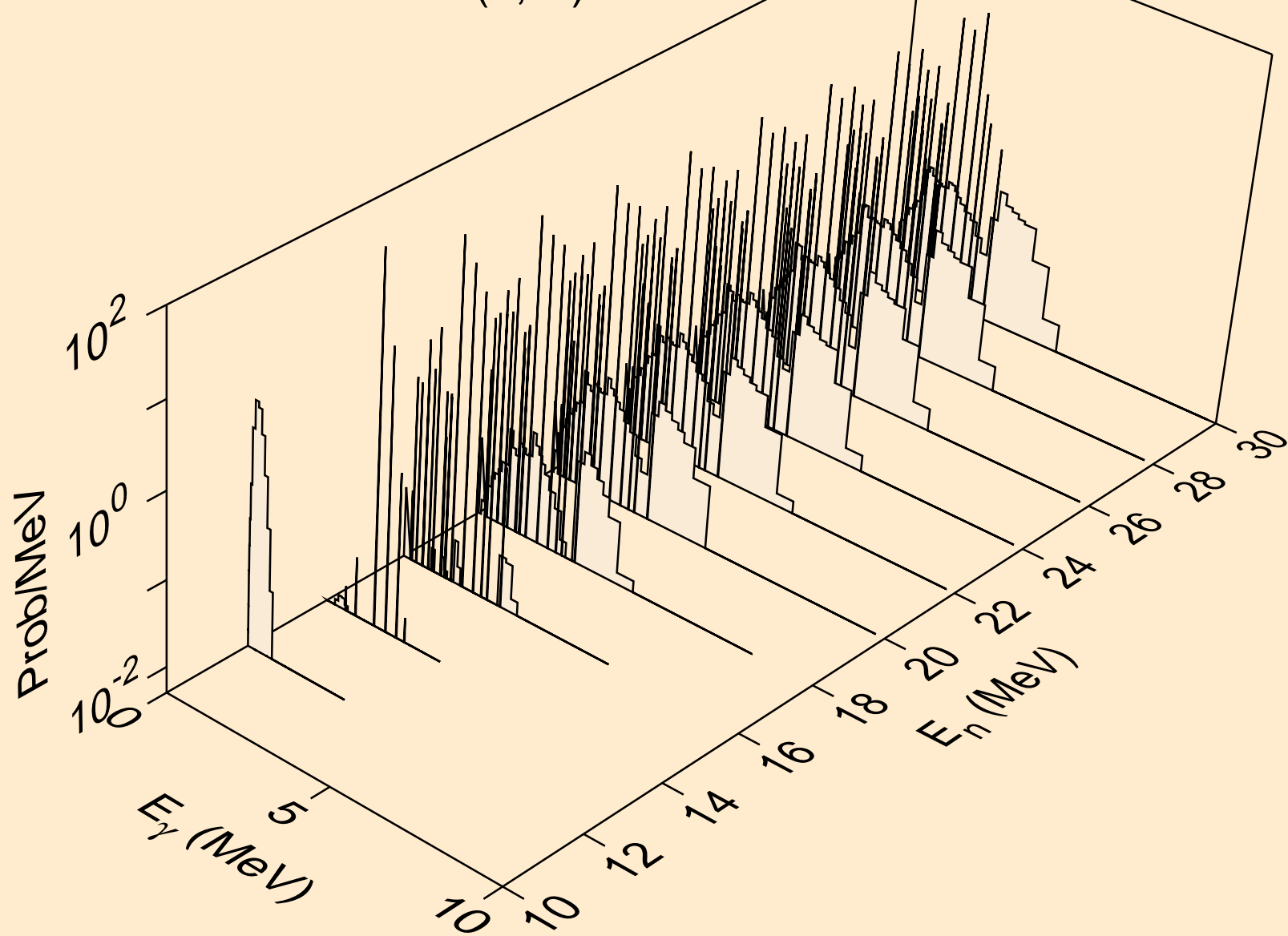
S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

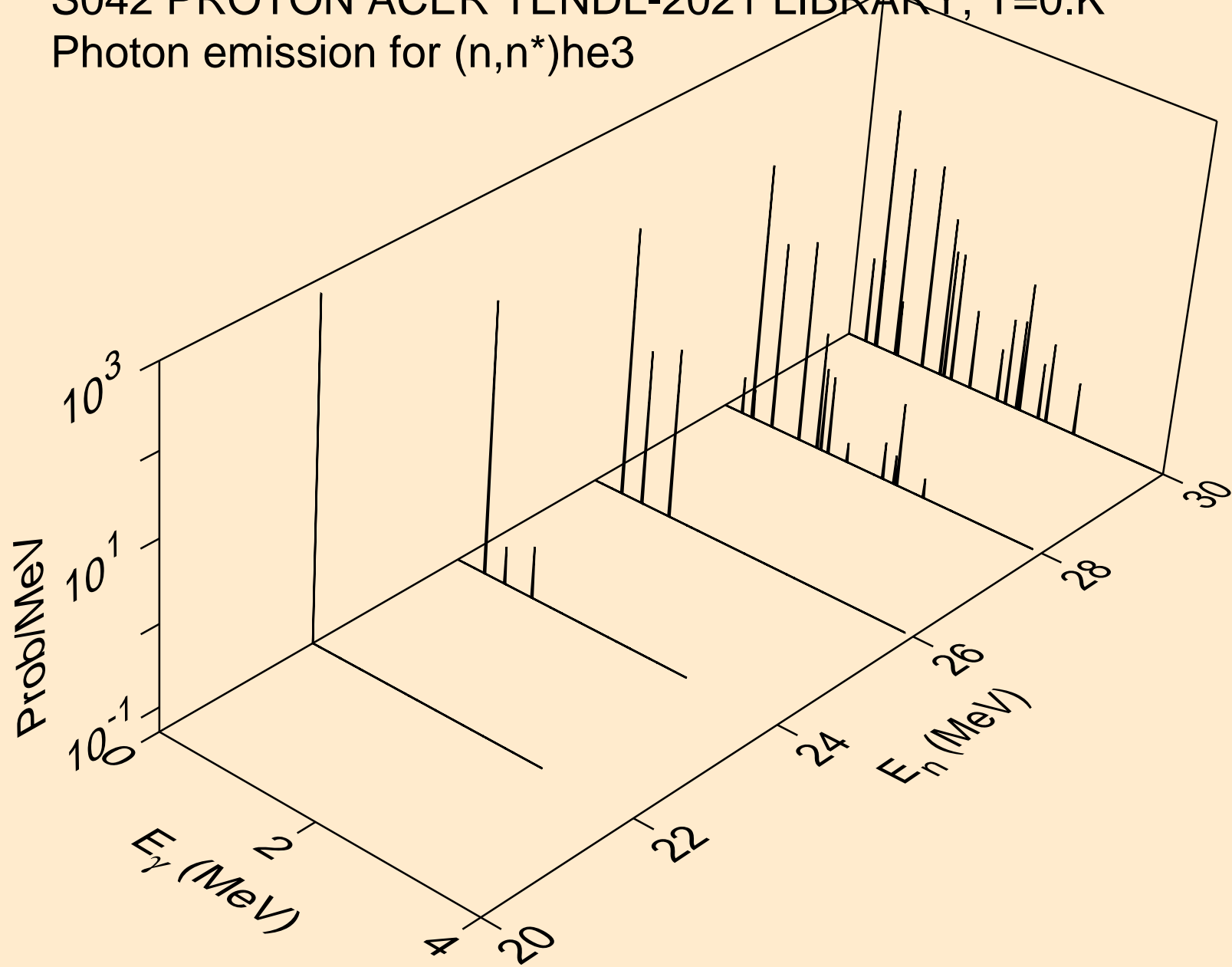


S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

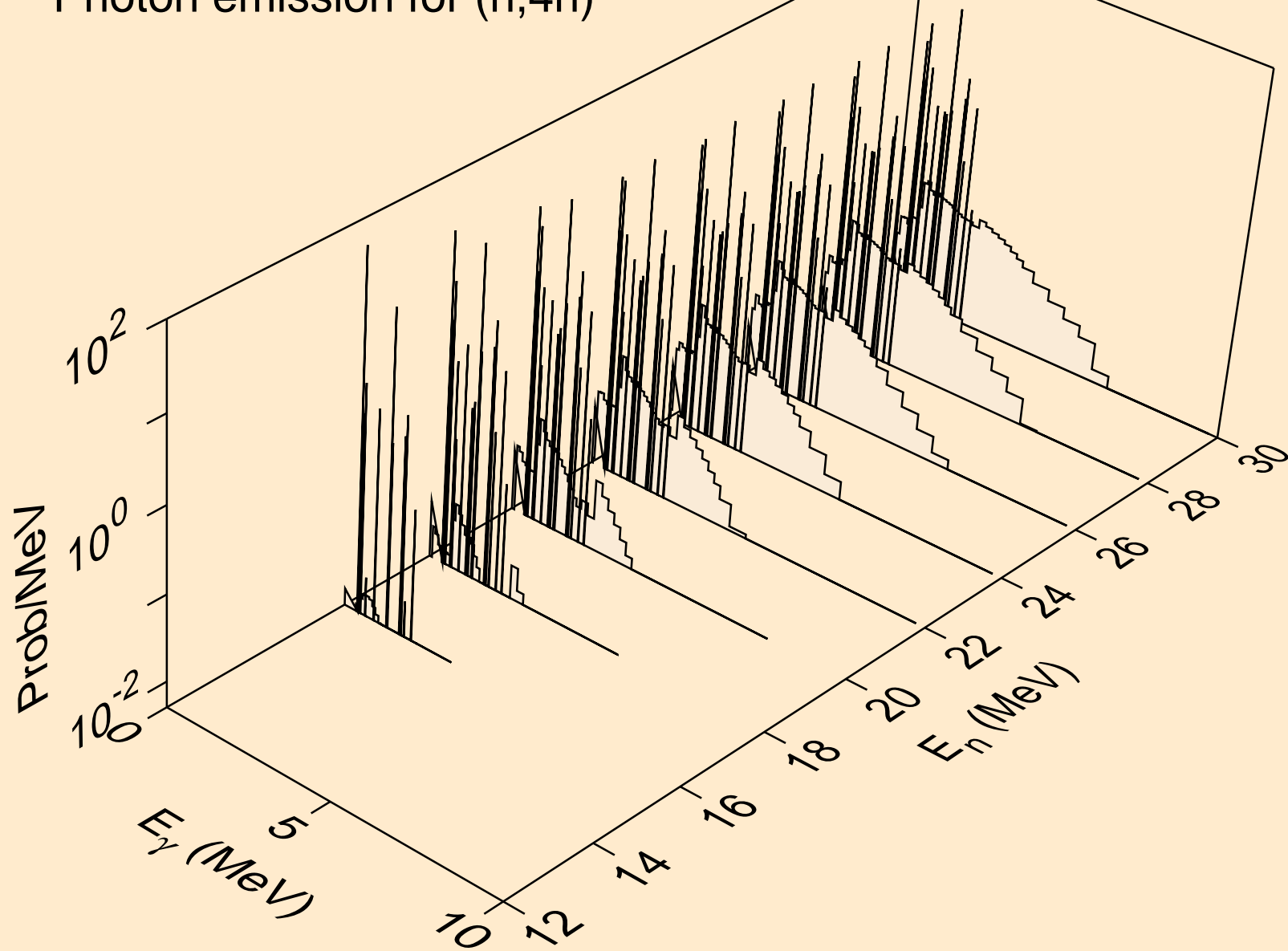




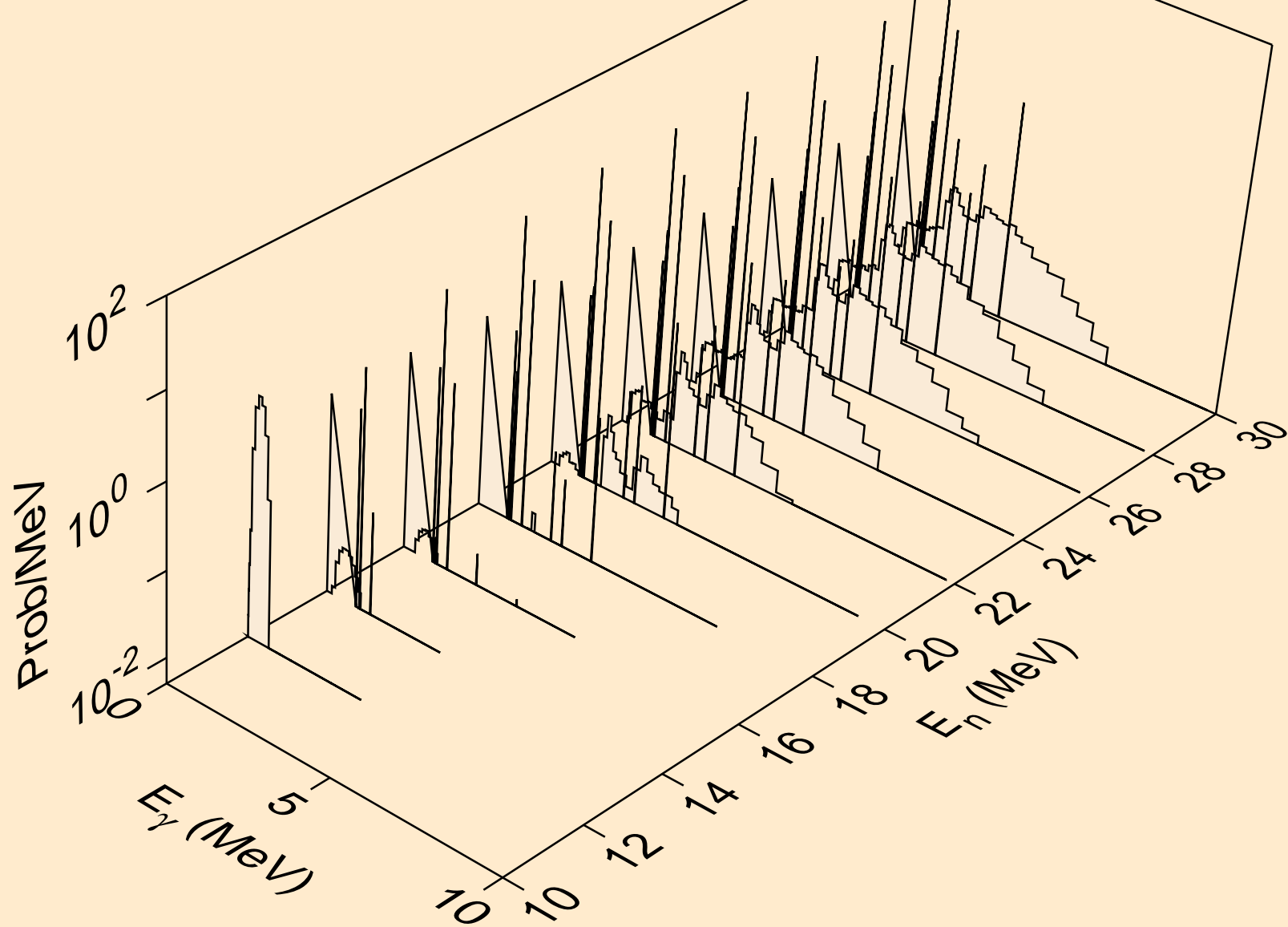
S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



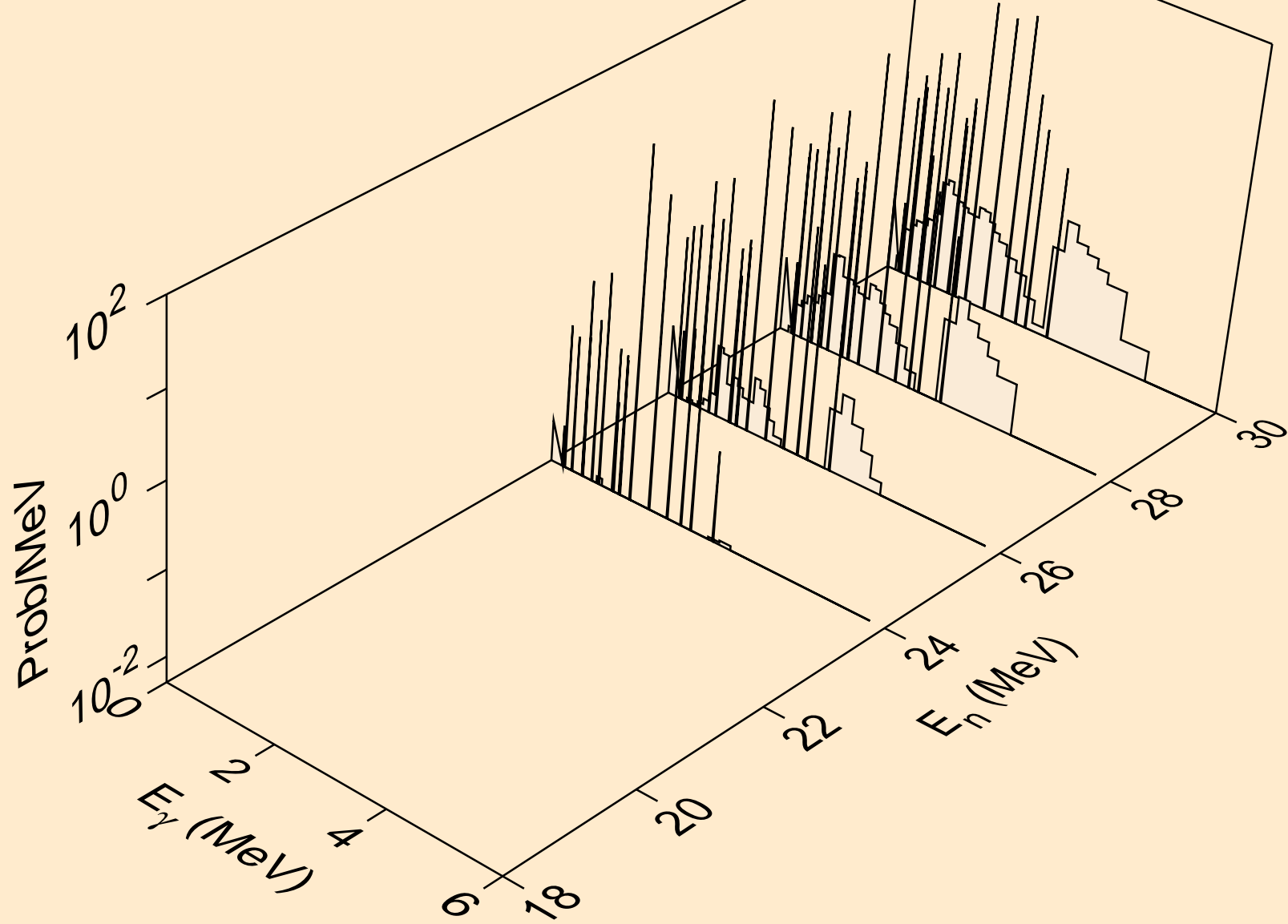
S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,4n)



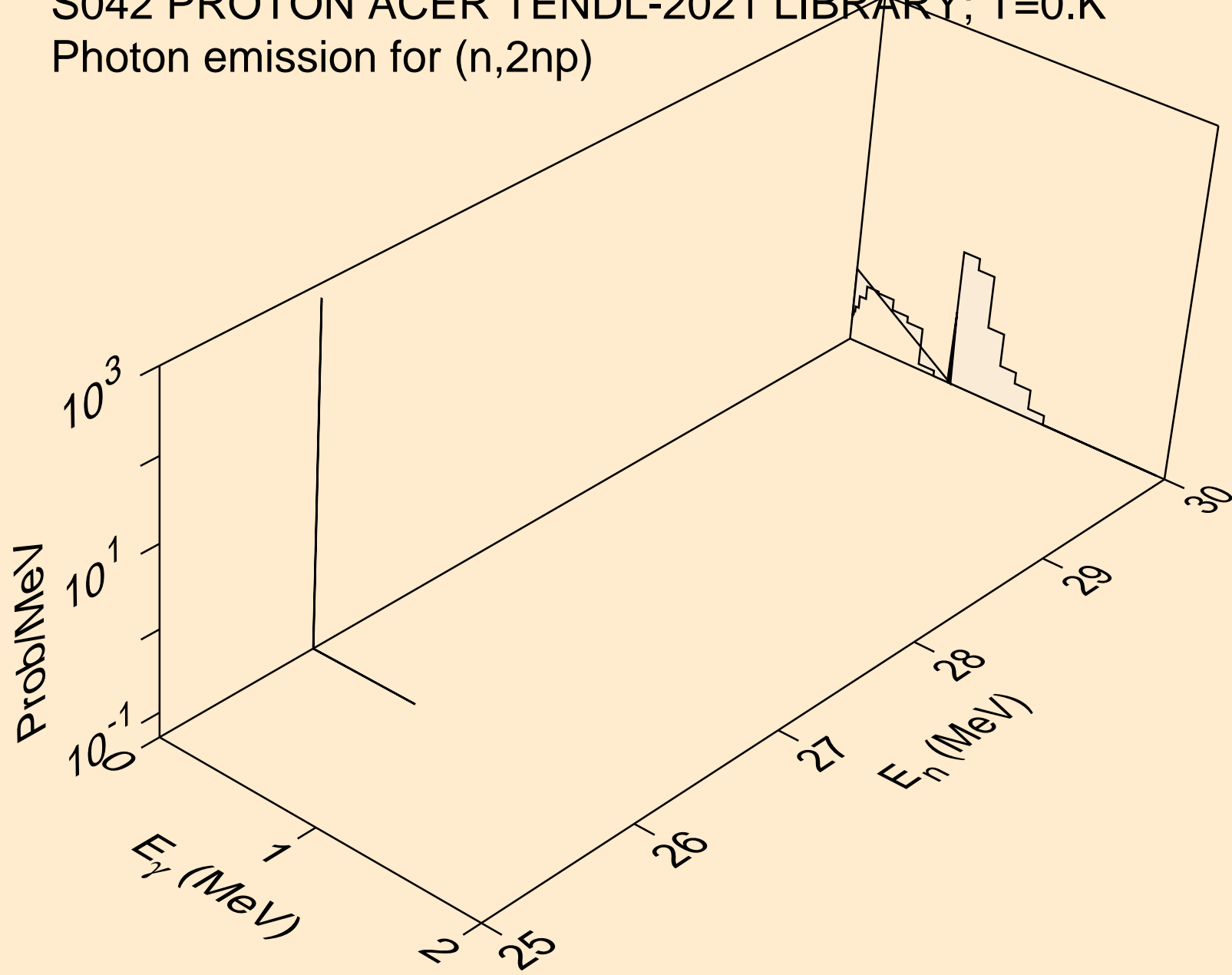
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Photon emission for (n,2np)



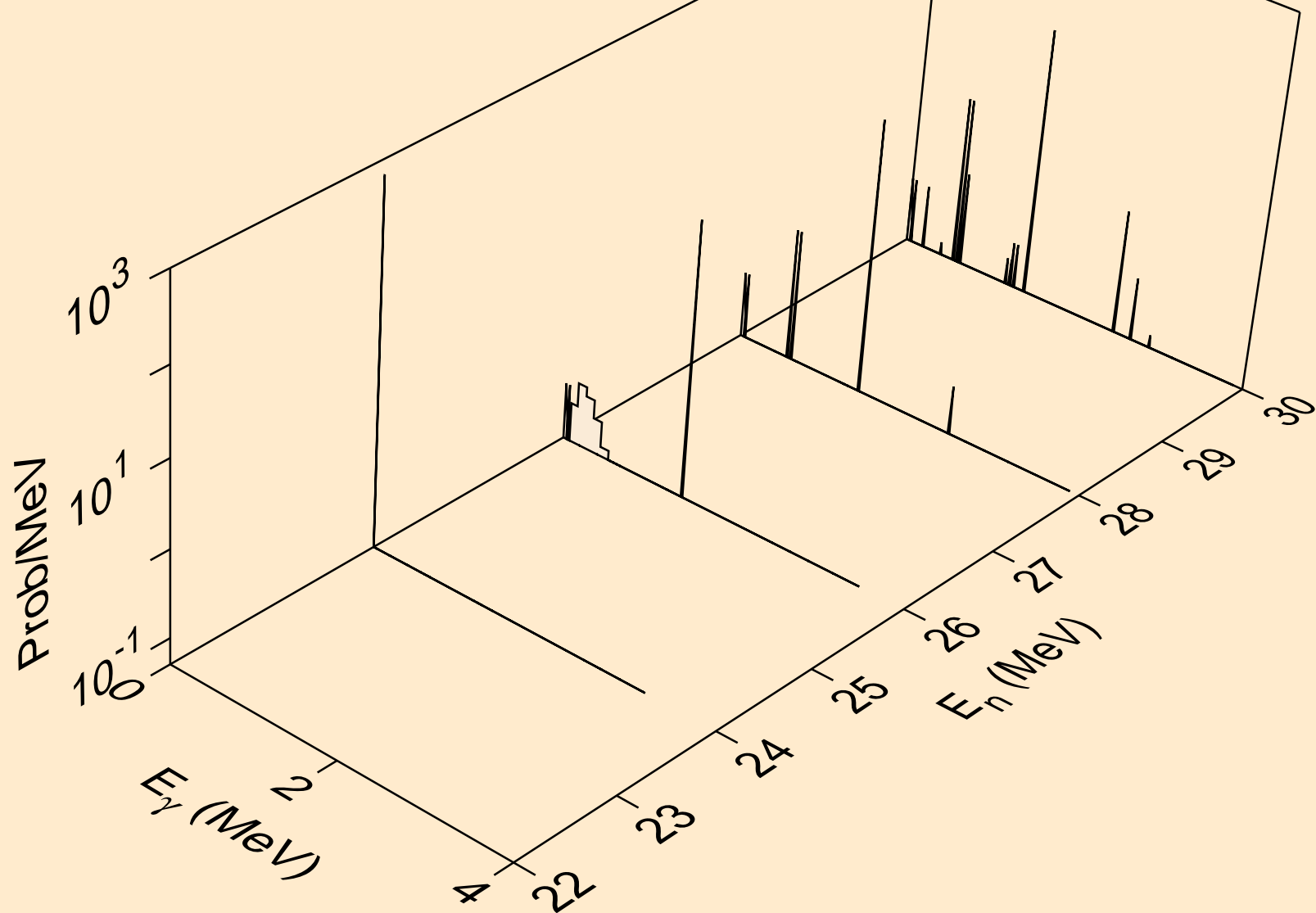
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Photon emission for (n,3np)



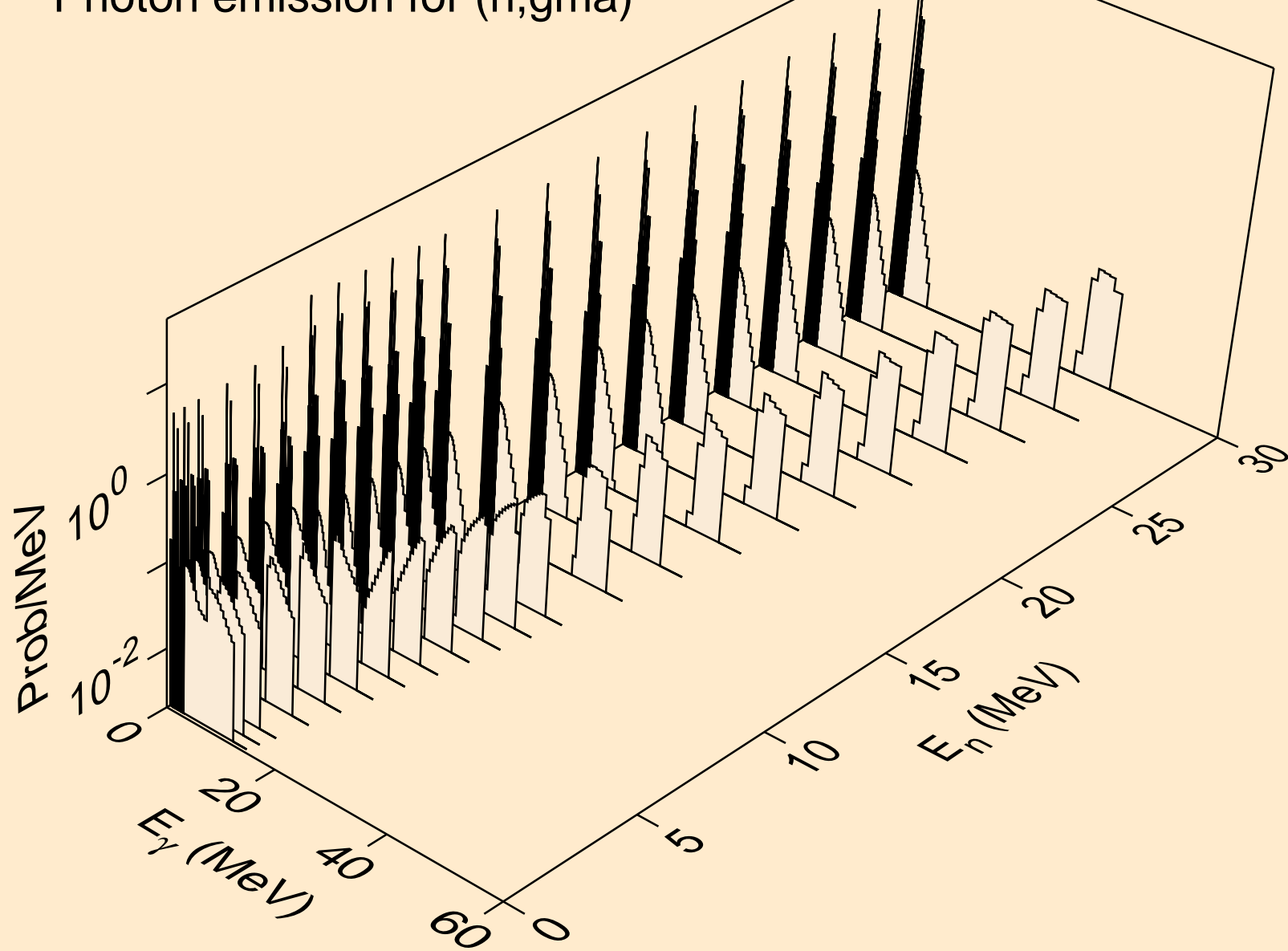
S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



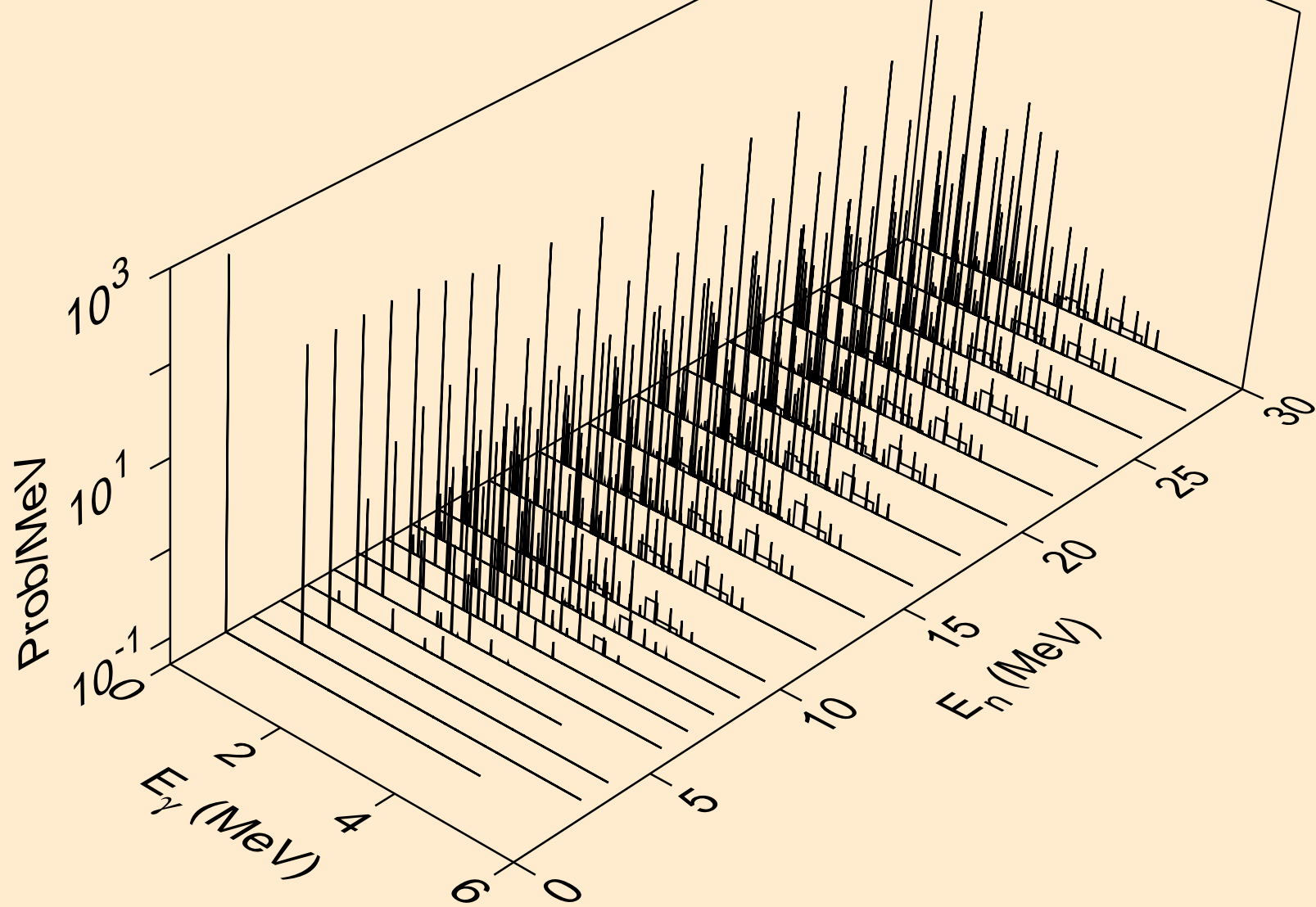
S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,npa)



S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)

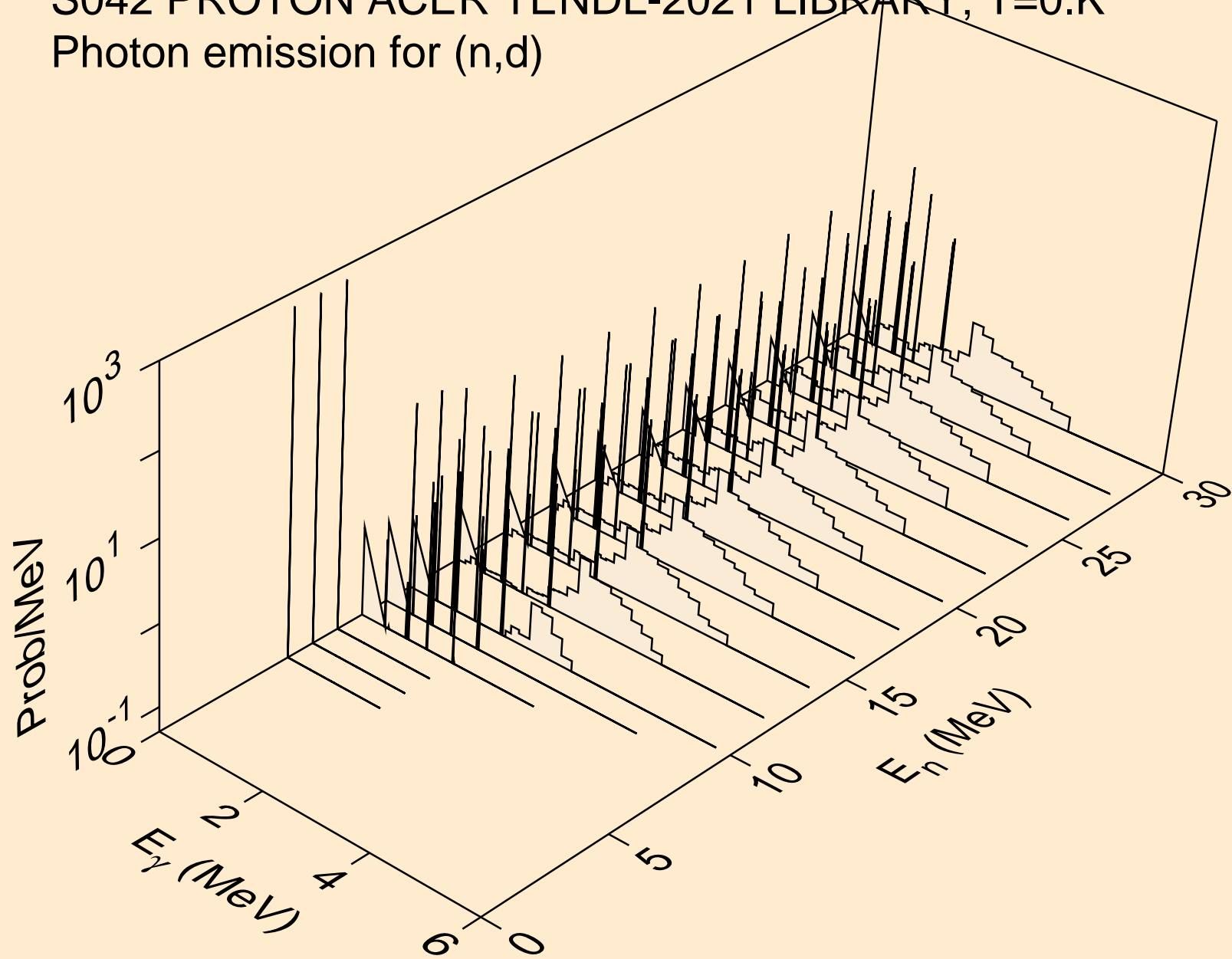


S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic

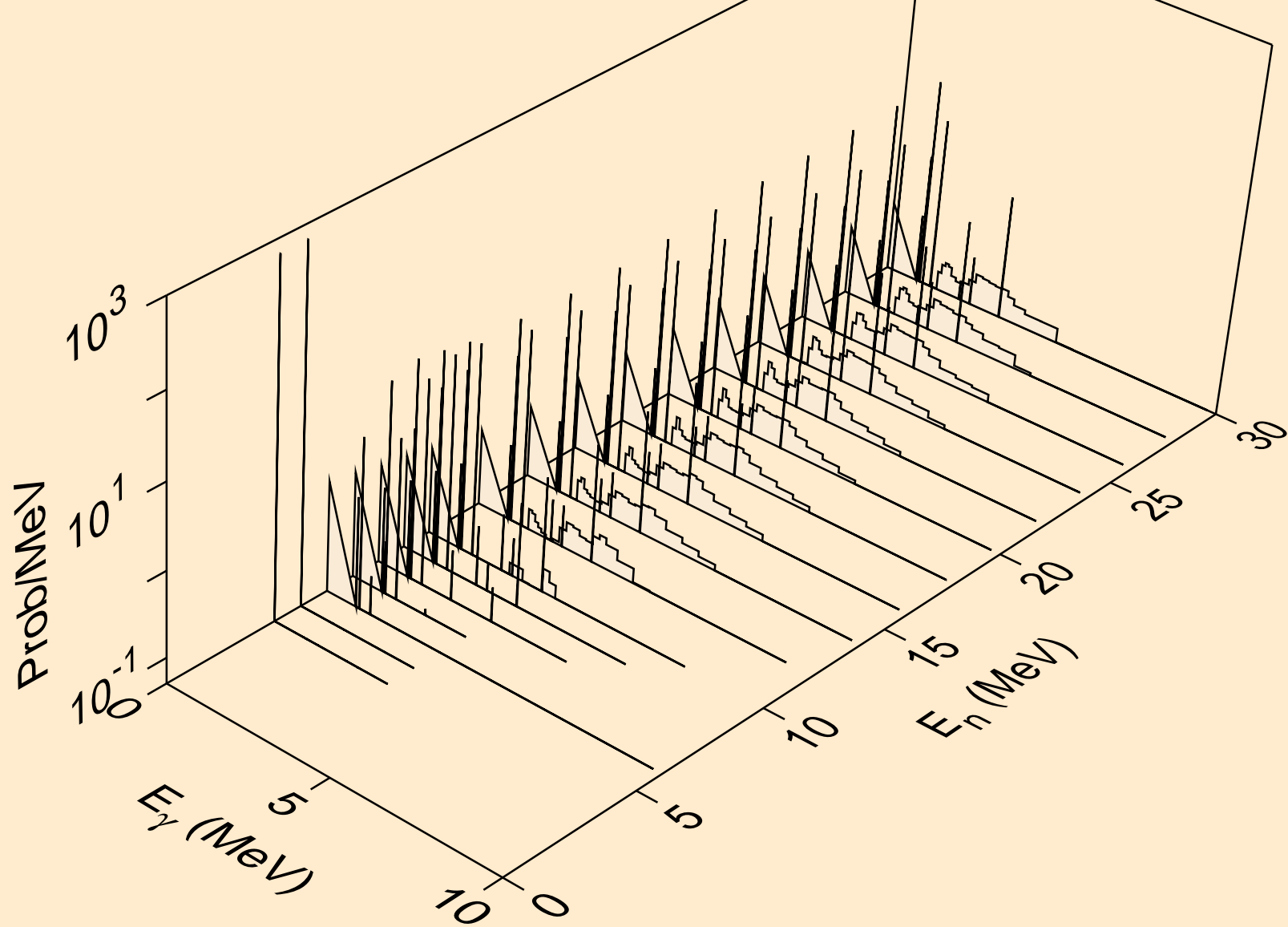




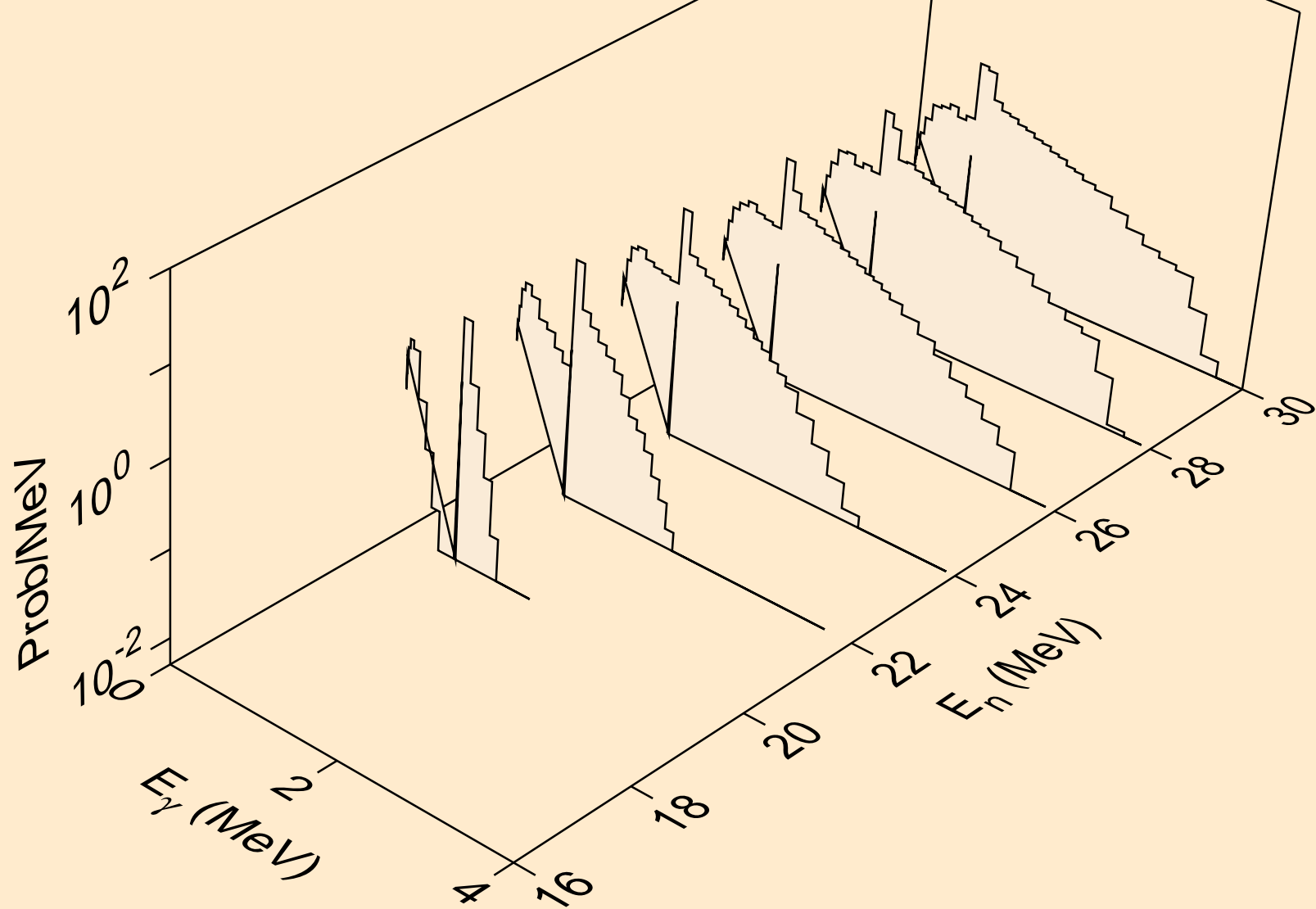
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Photon emission for (n,d)



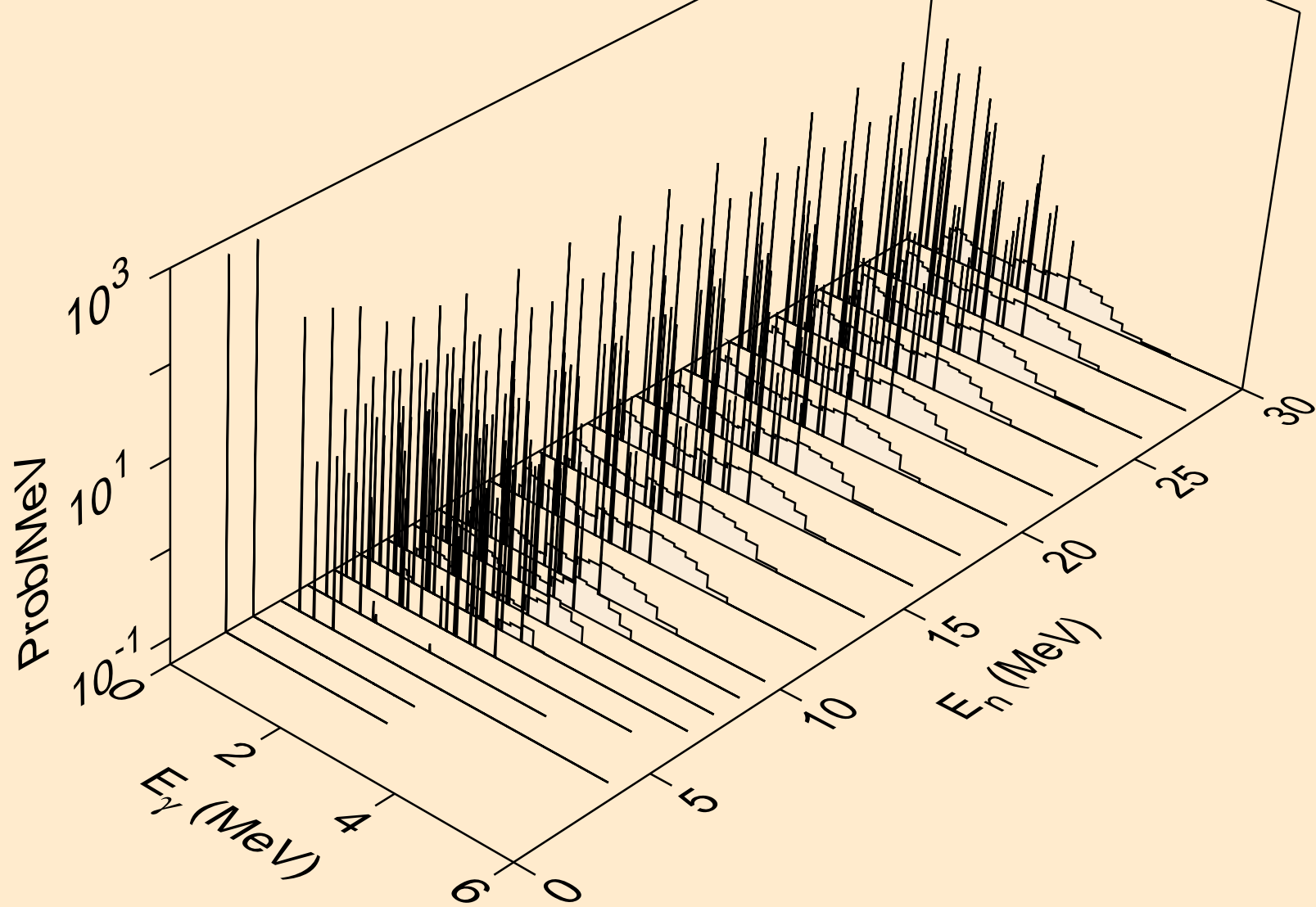
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Photon emission for (n,t)



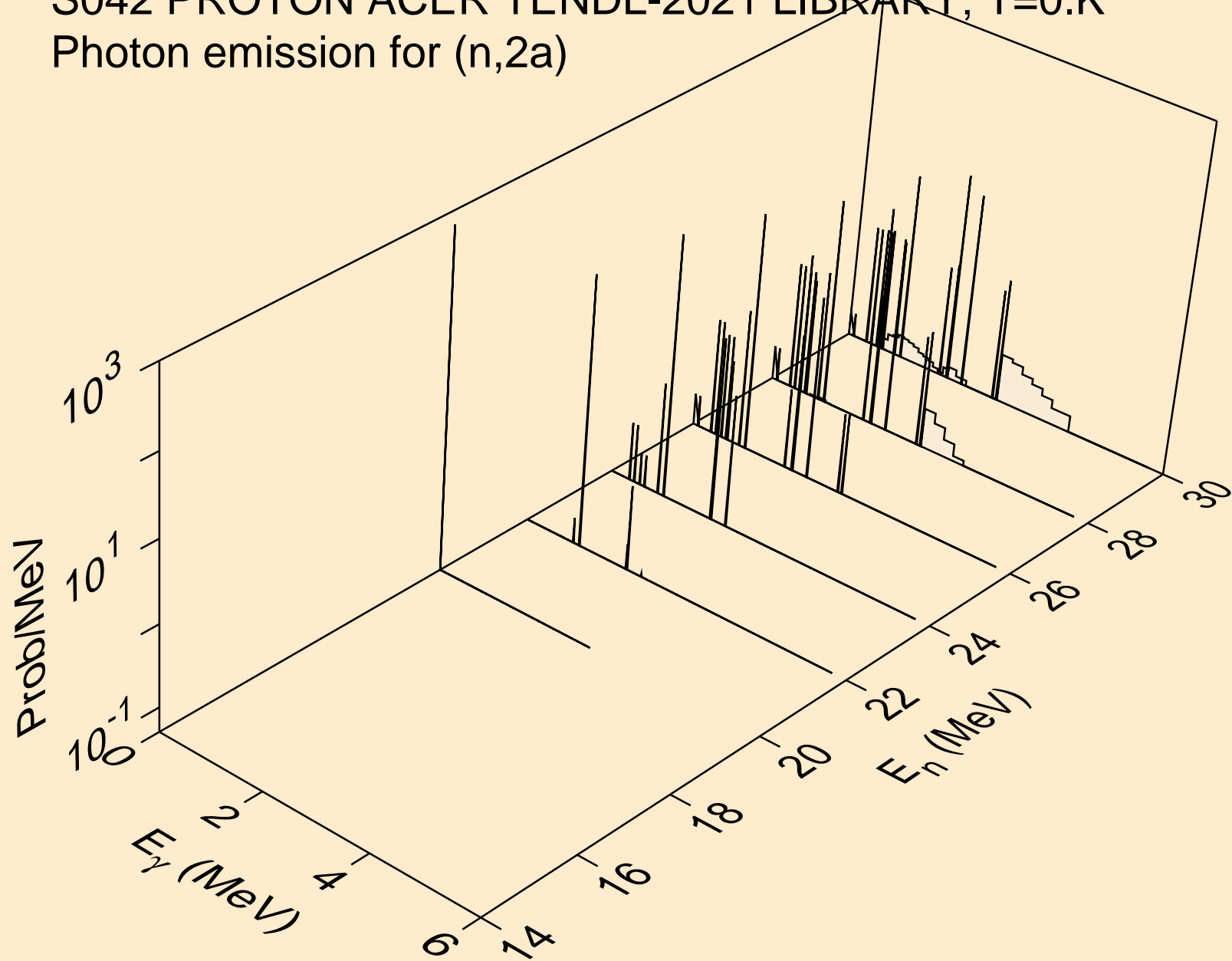
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Photon emission for (n,he3)



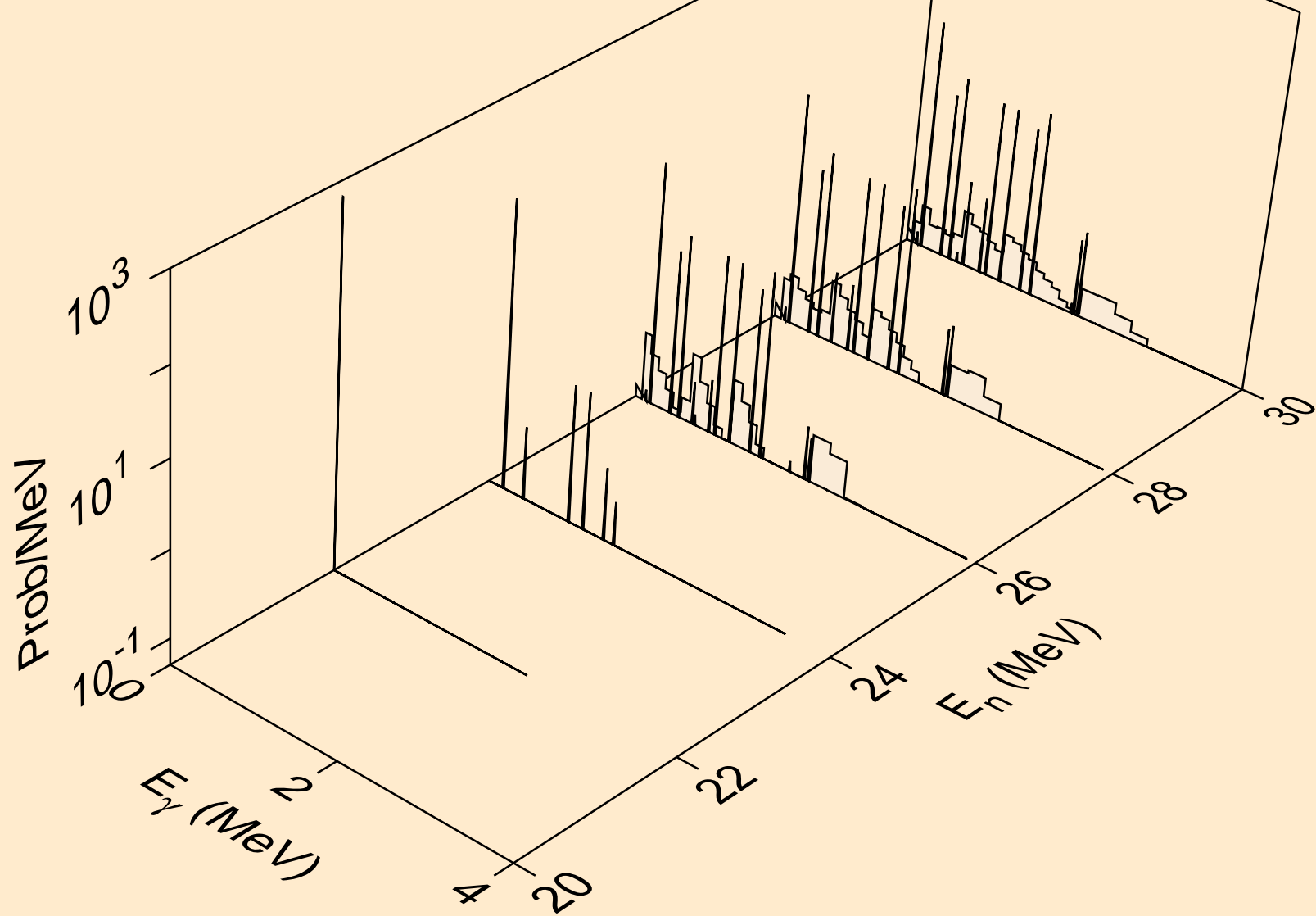
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Photon emission for (n,a)



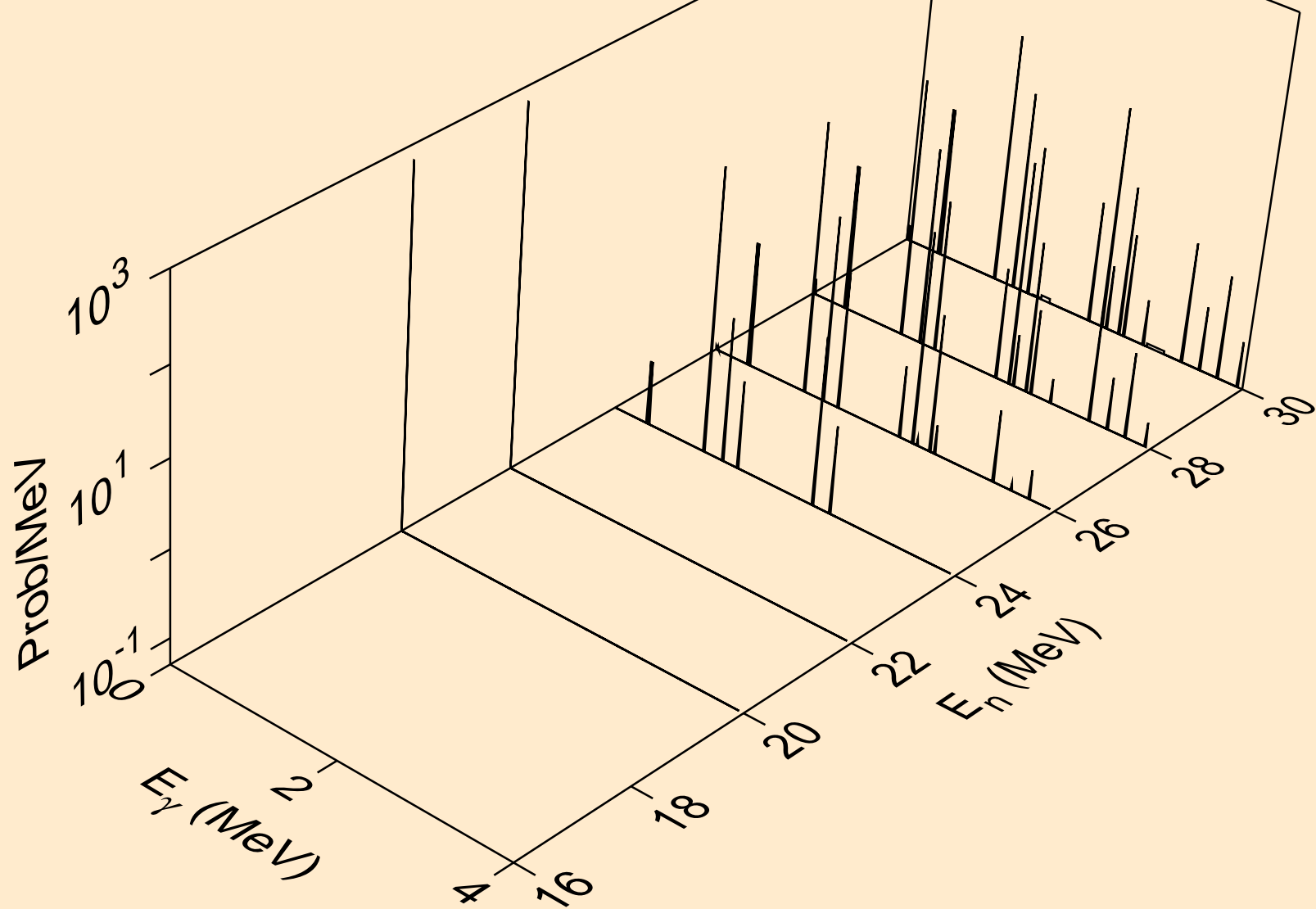
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Photon emission for (n,2a)



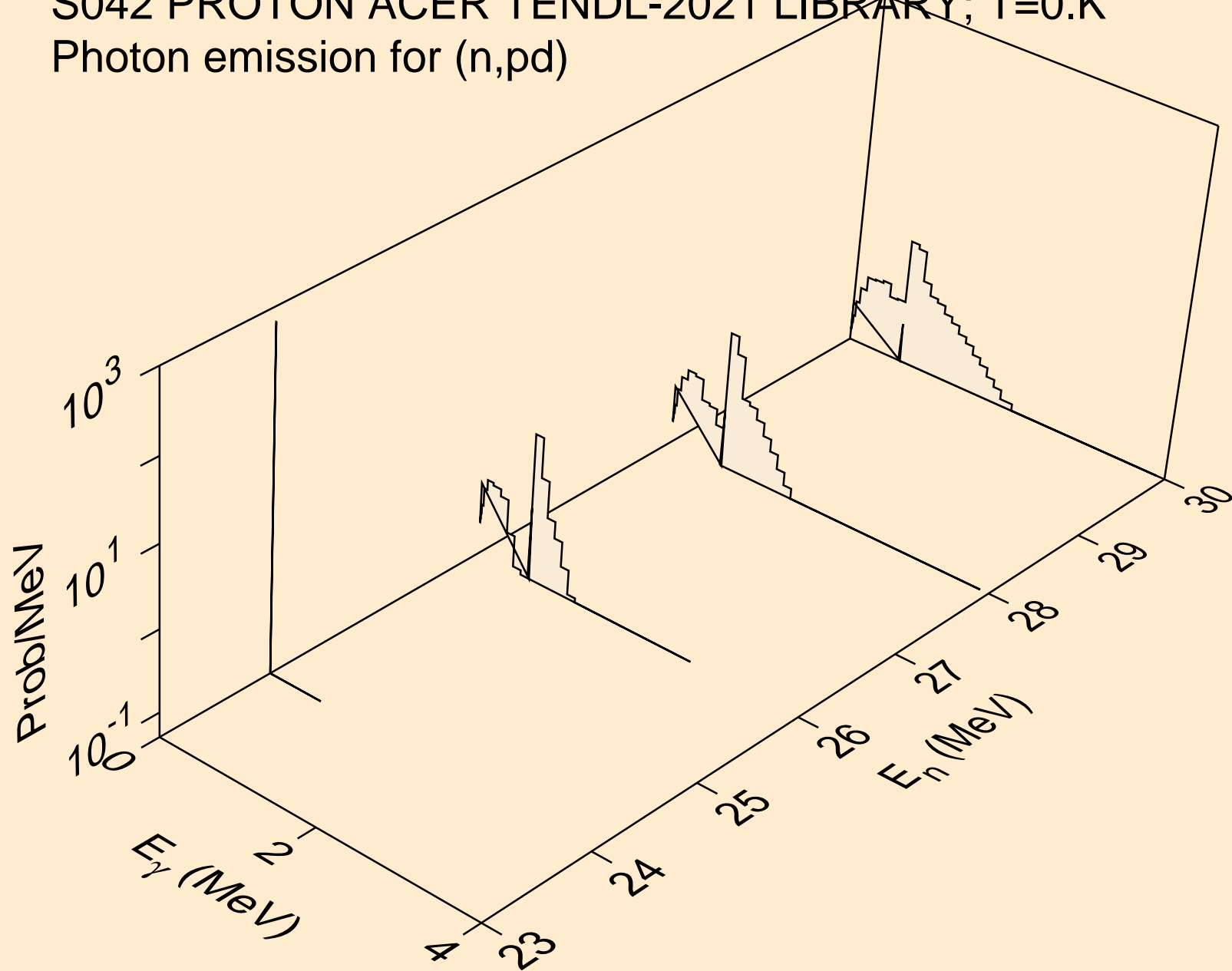
S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)



S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pa)

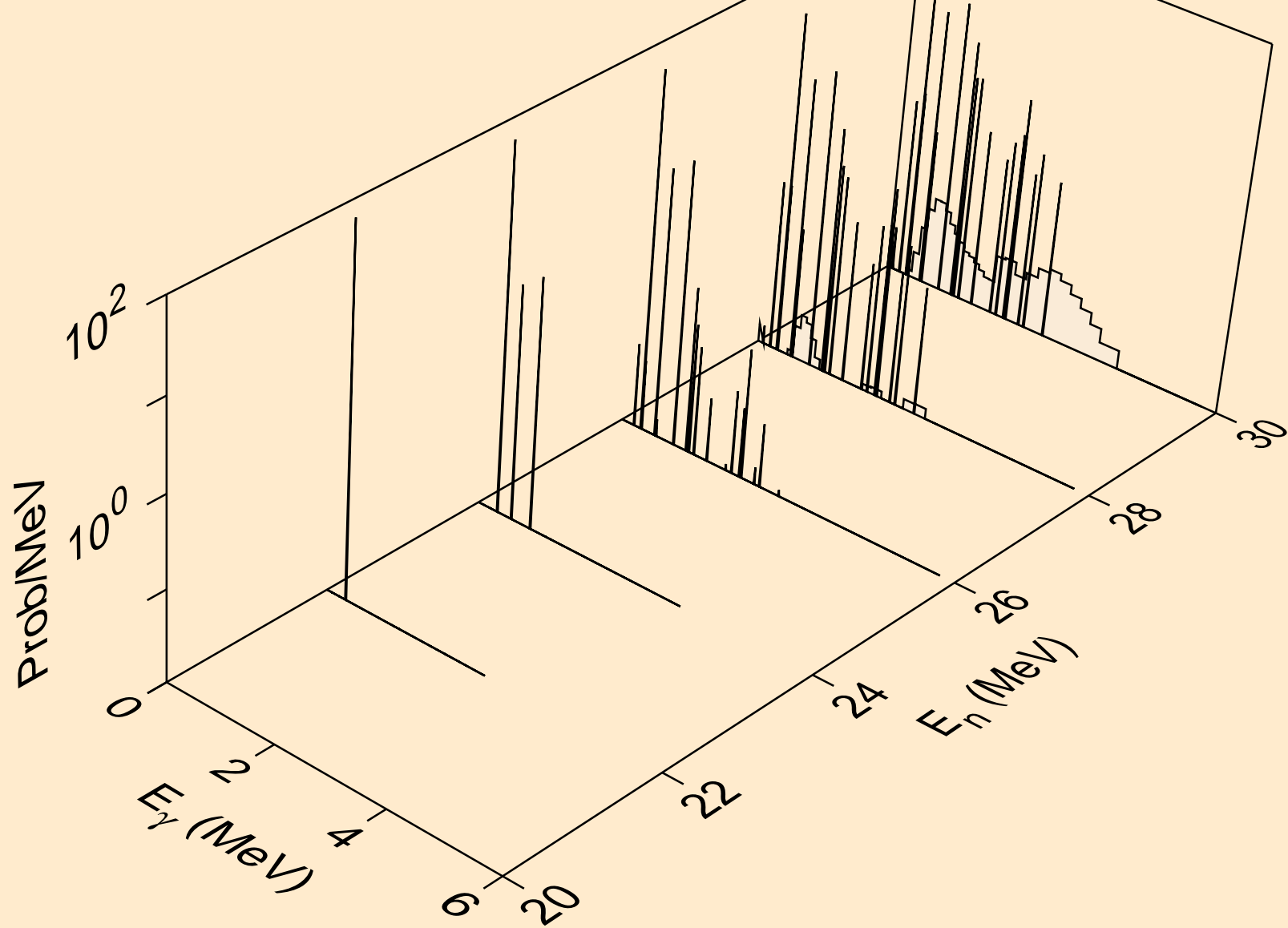


S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)

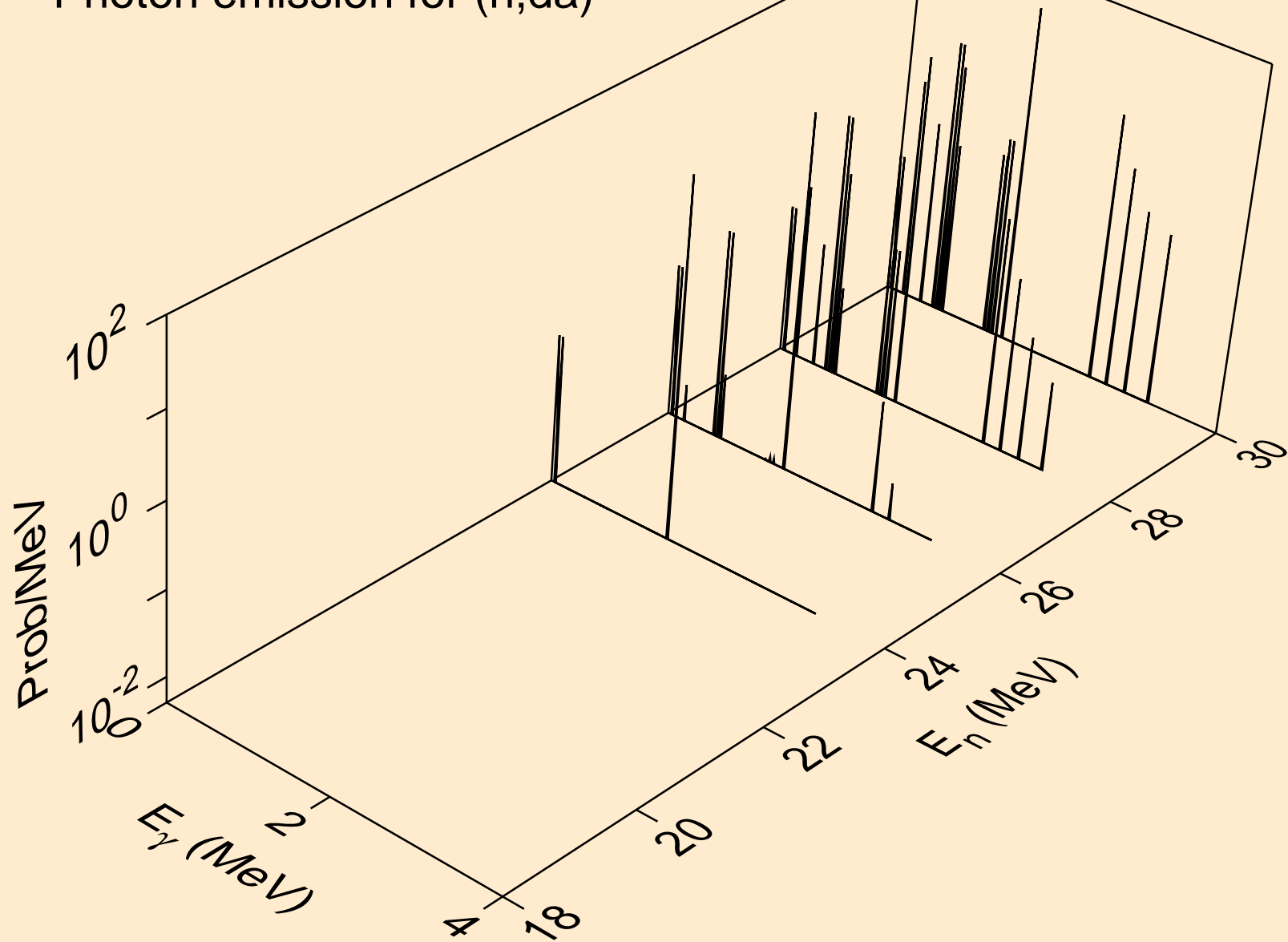




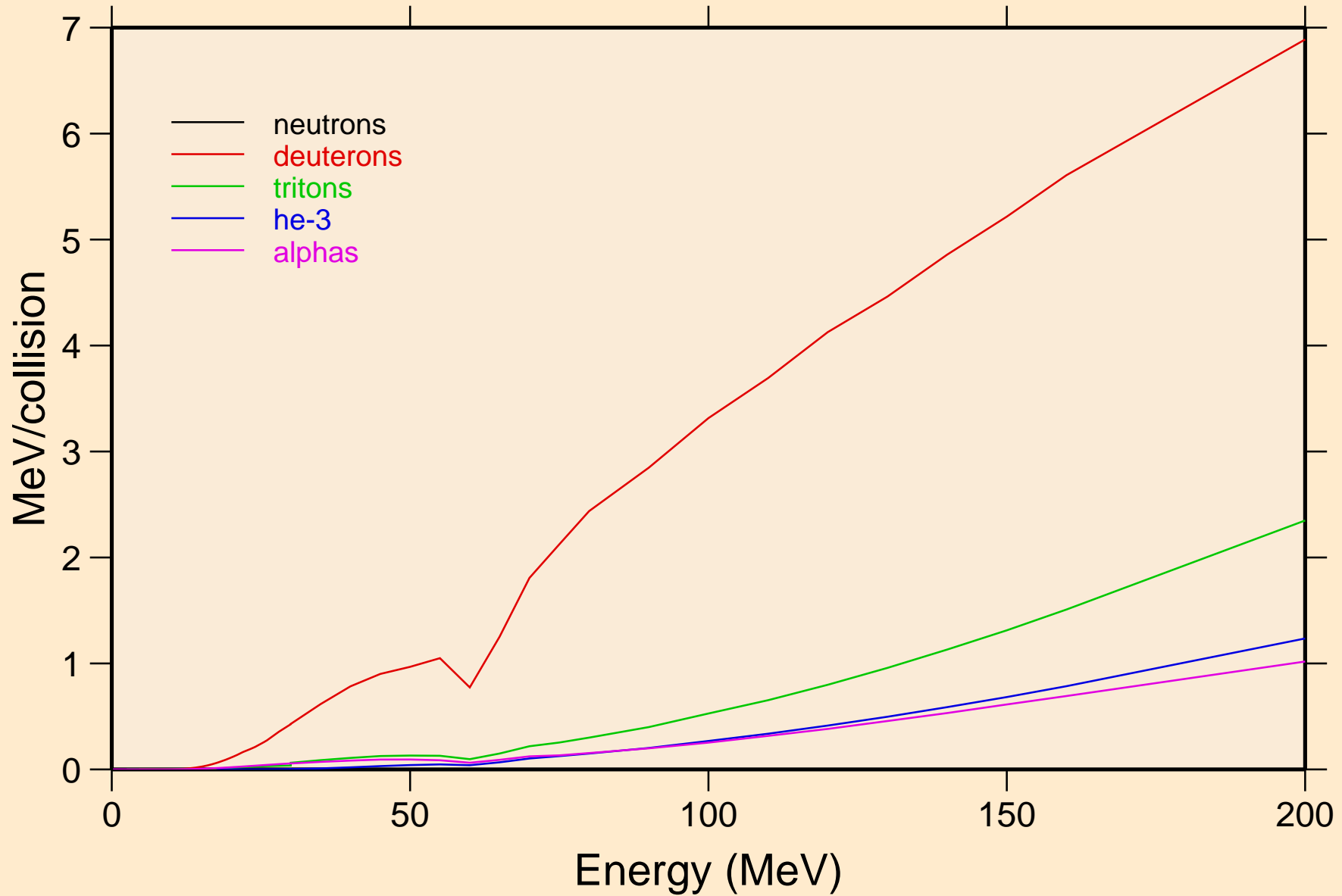
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Photon emission for (n,pt)



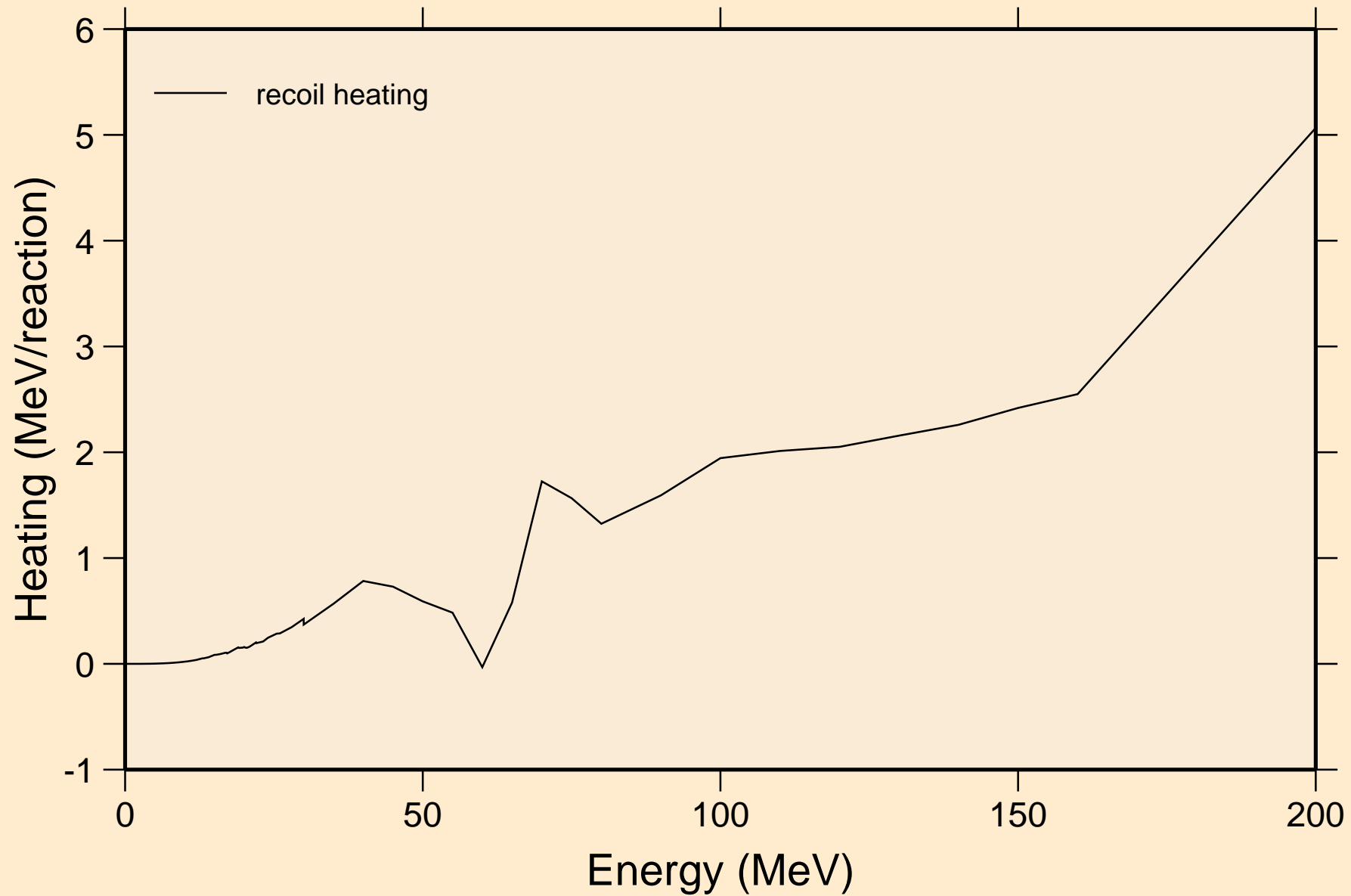
S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,da)



S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Particle heating contributions

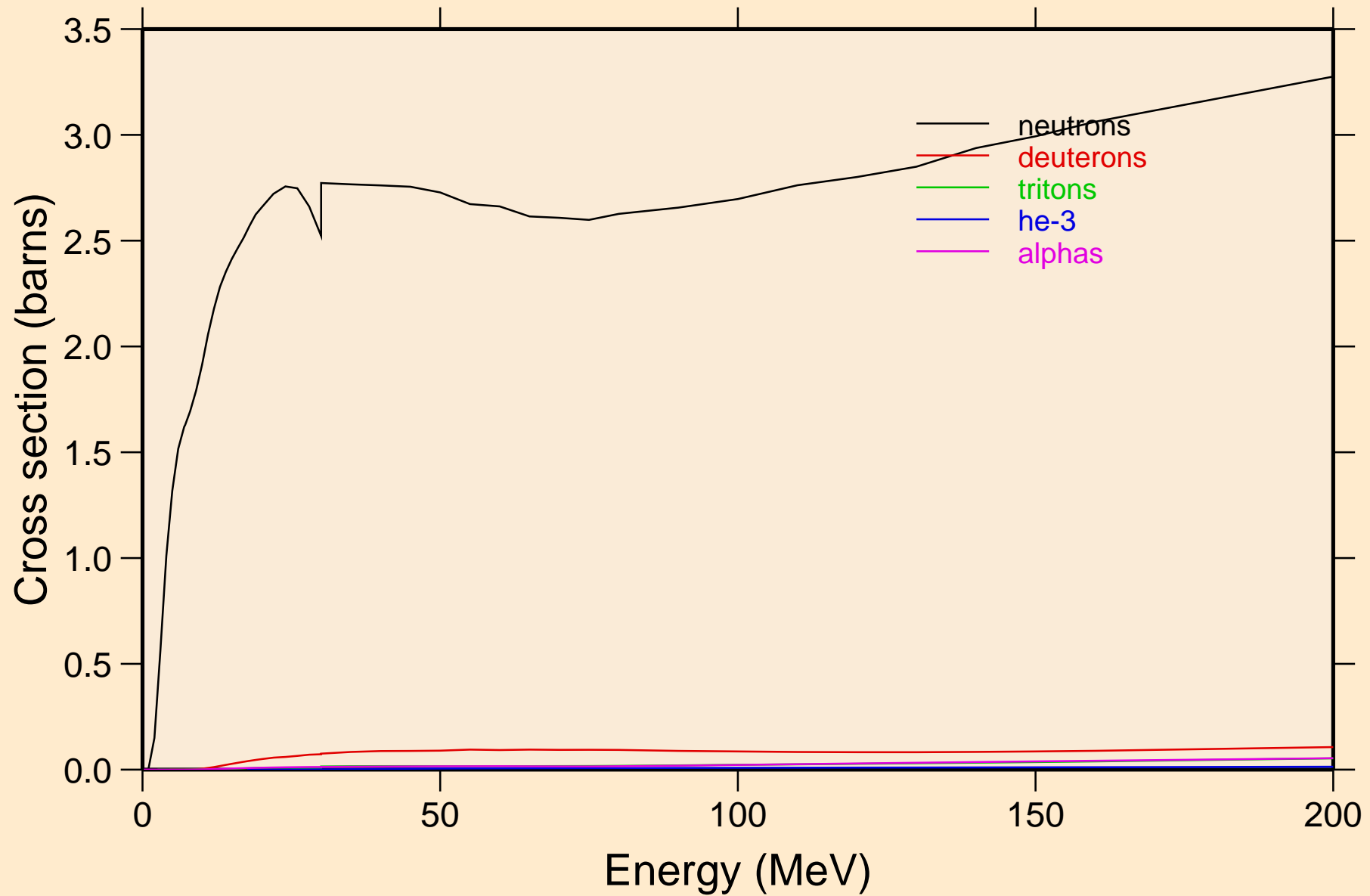


S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating

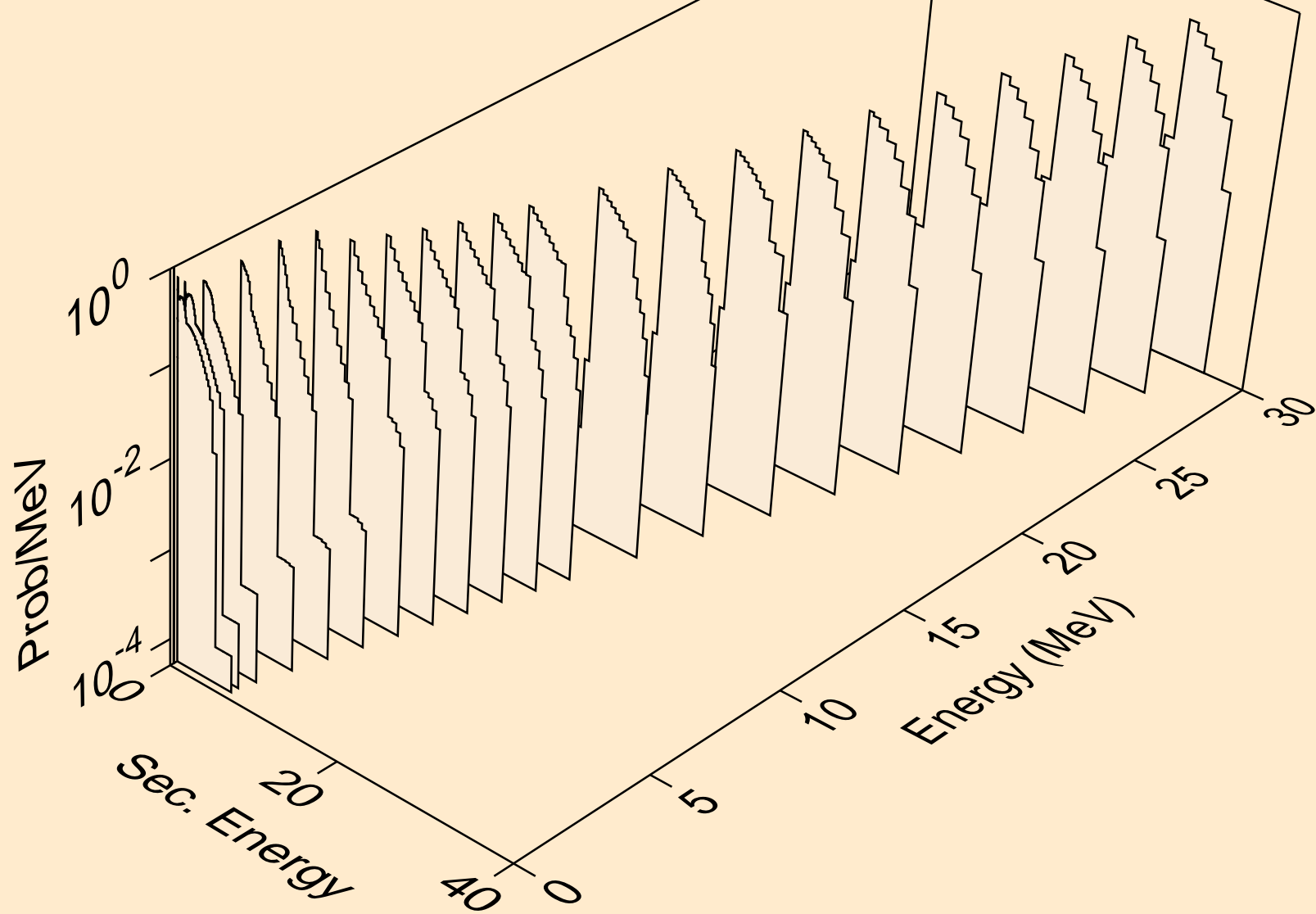


# S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K

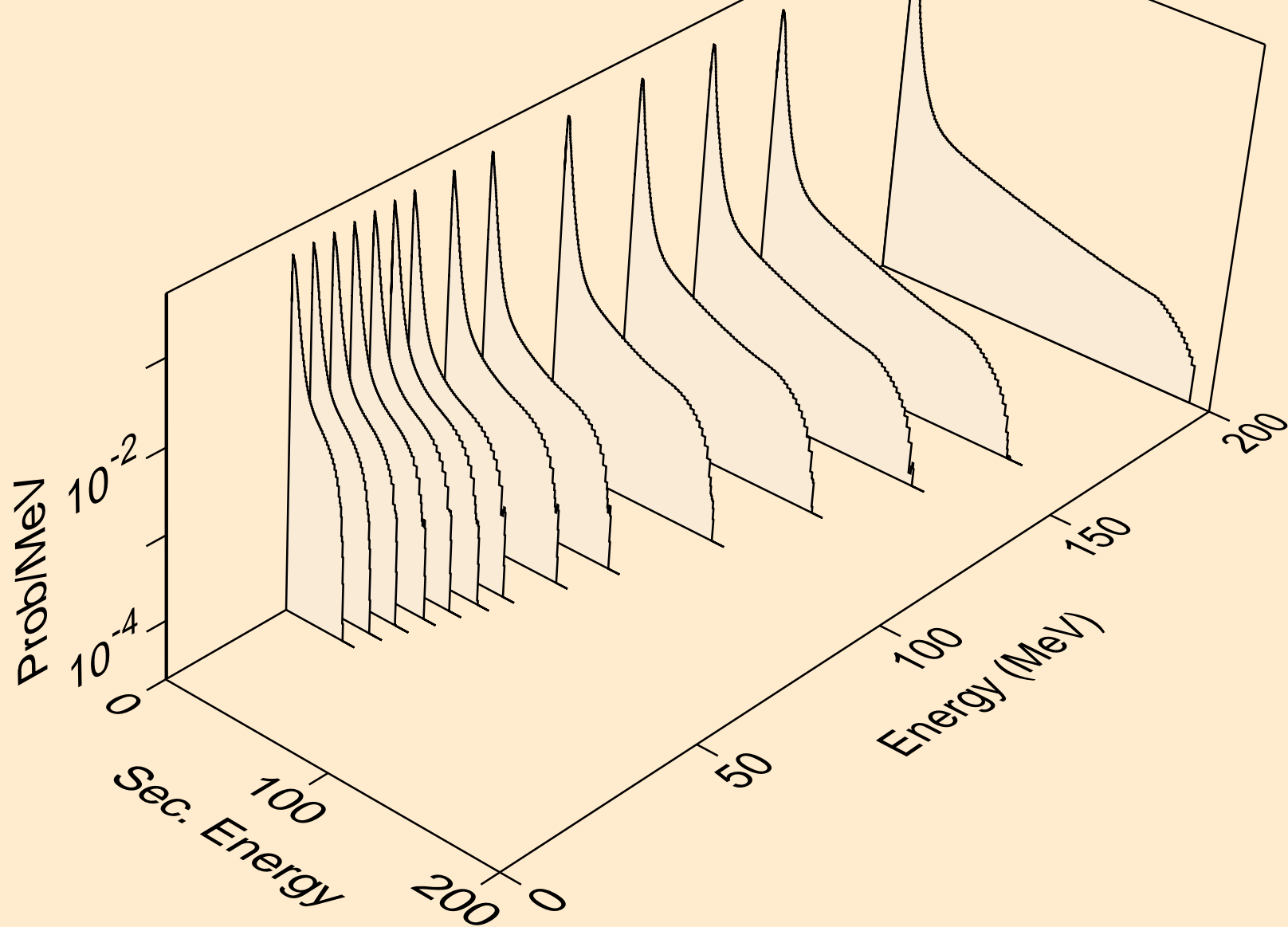
## Particle production cross sections



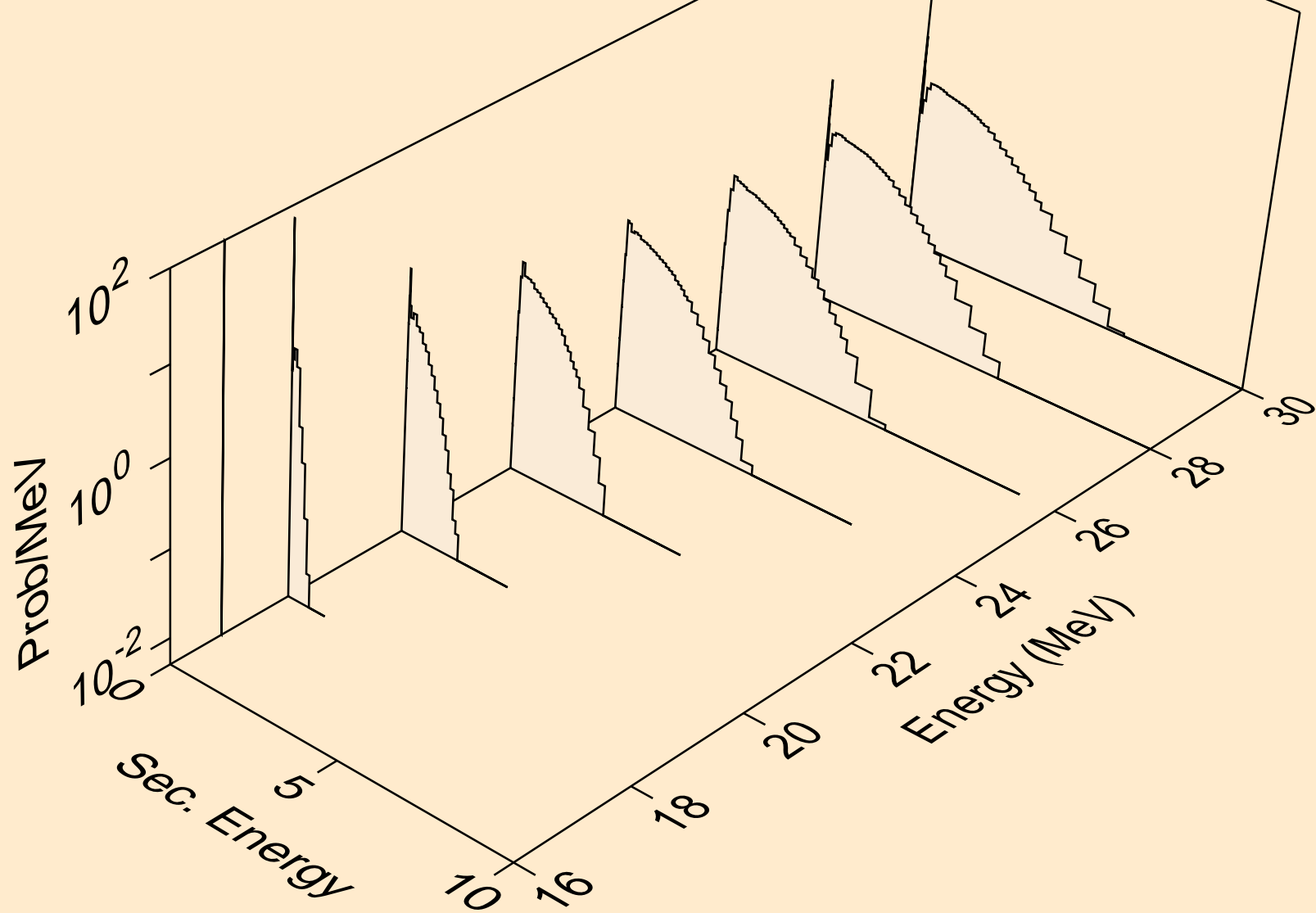
S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n)



S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,x)

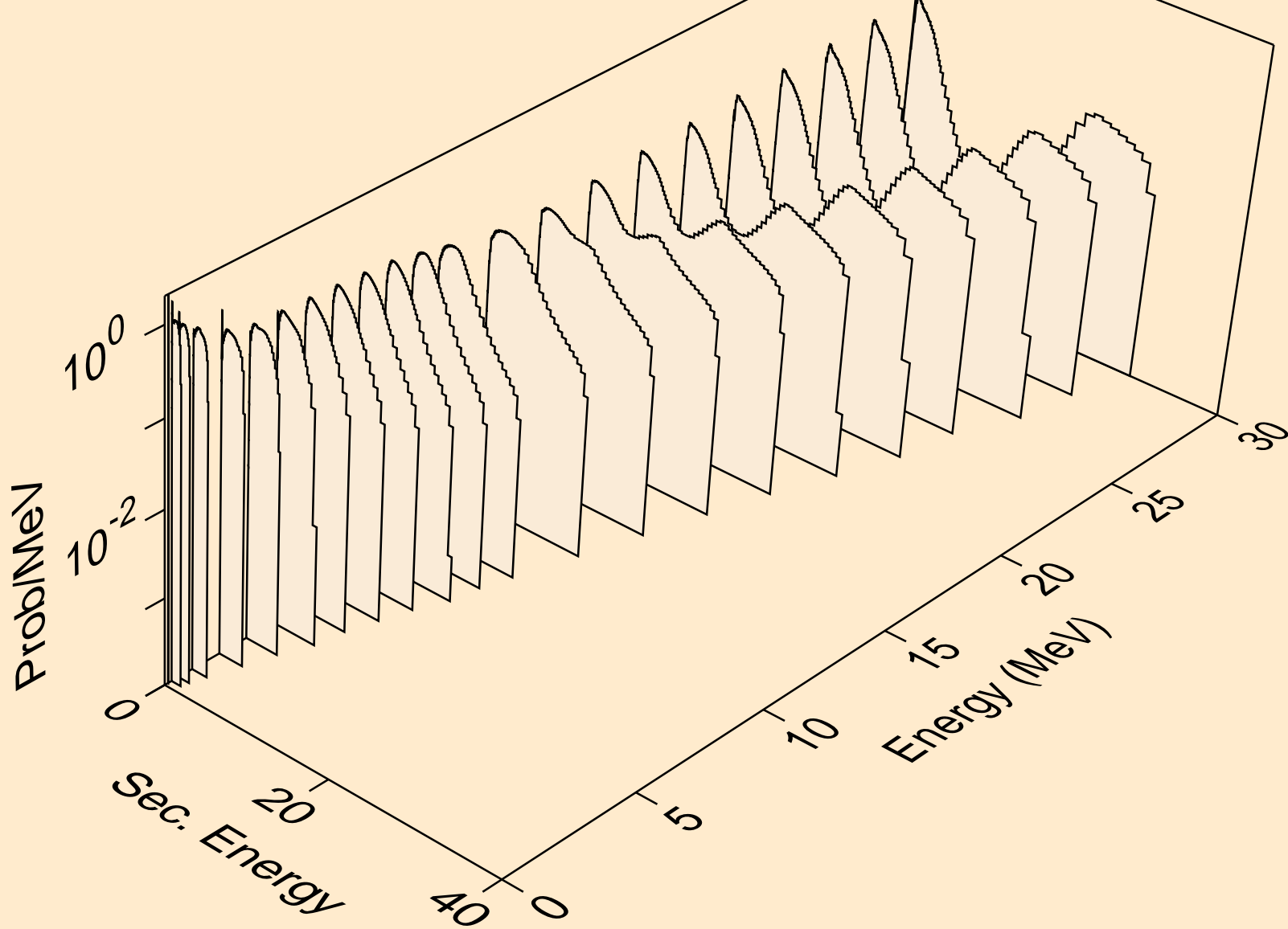


S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2nd)

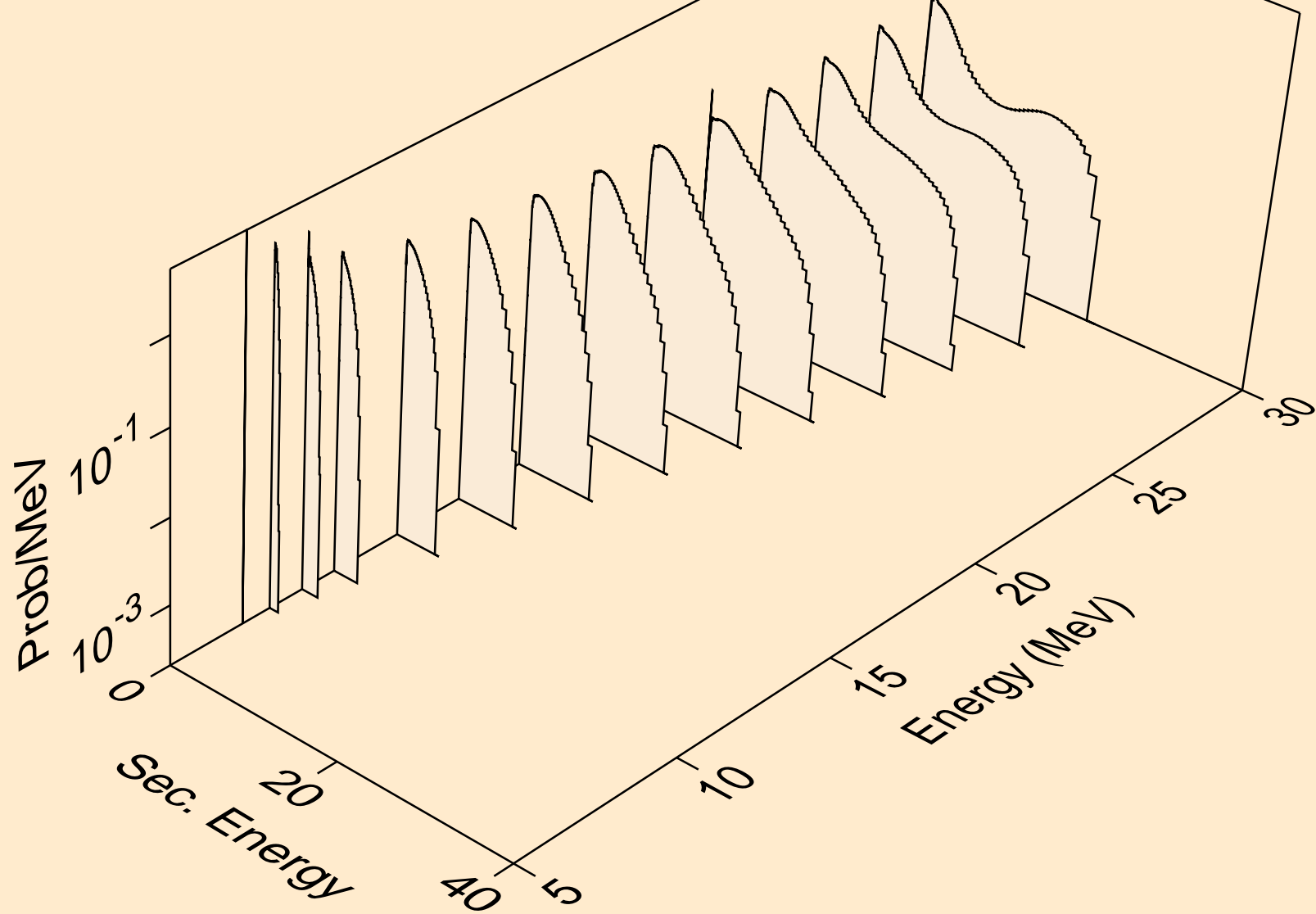




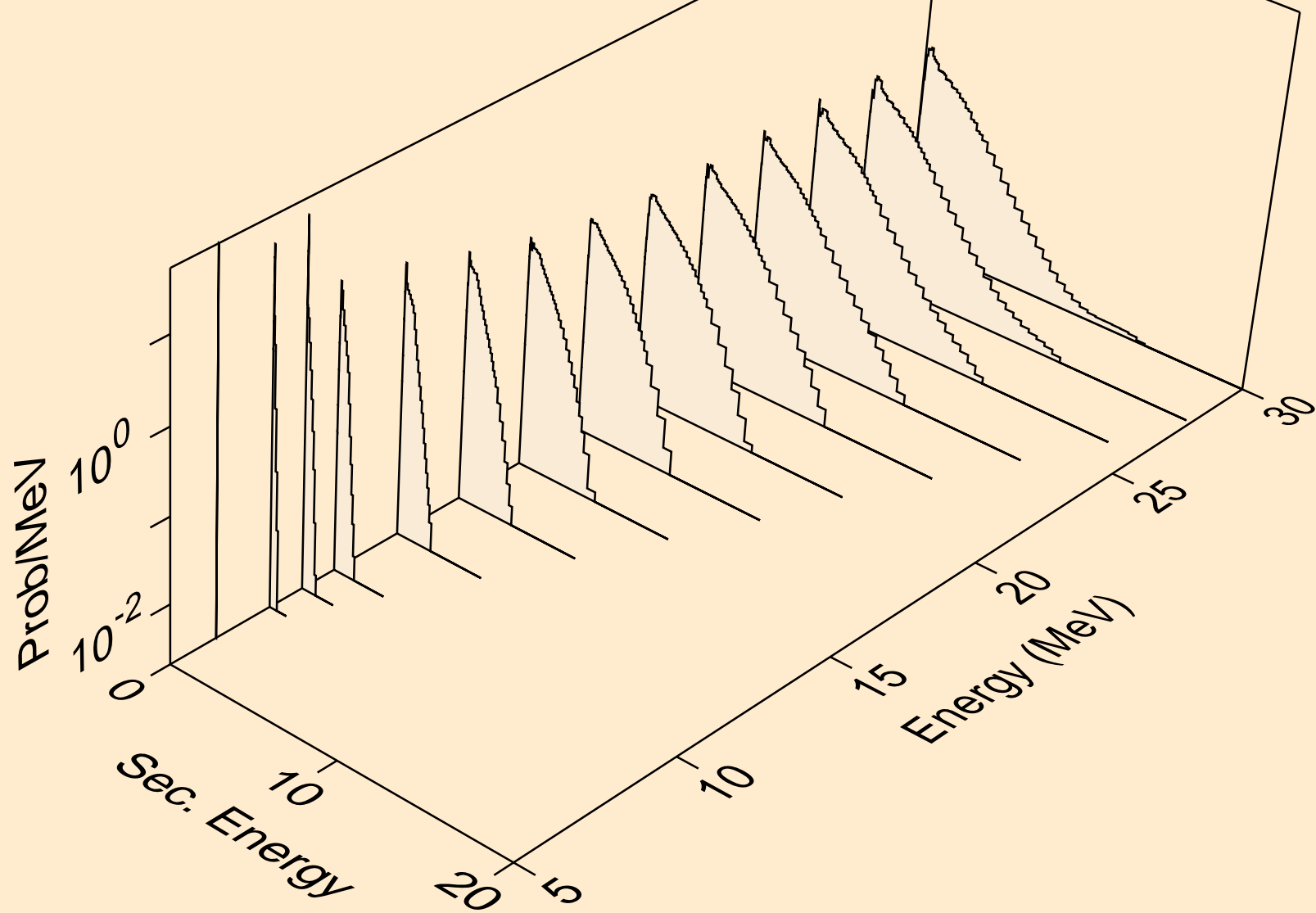
S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2n)



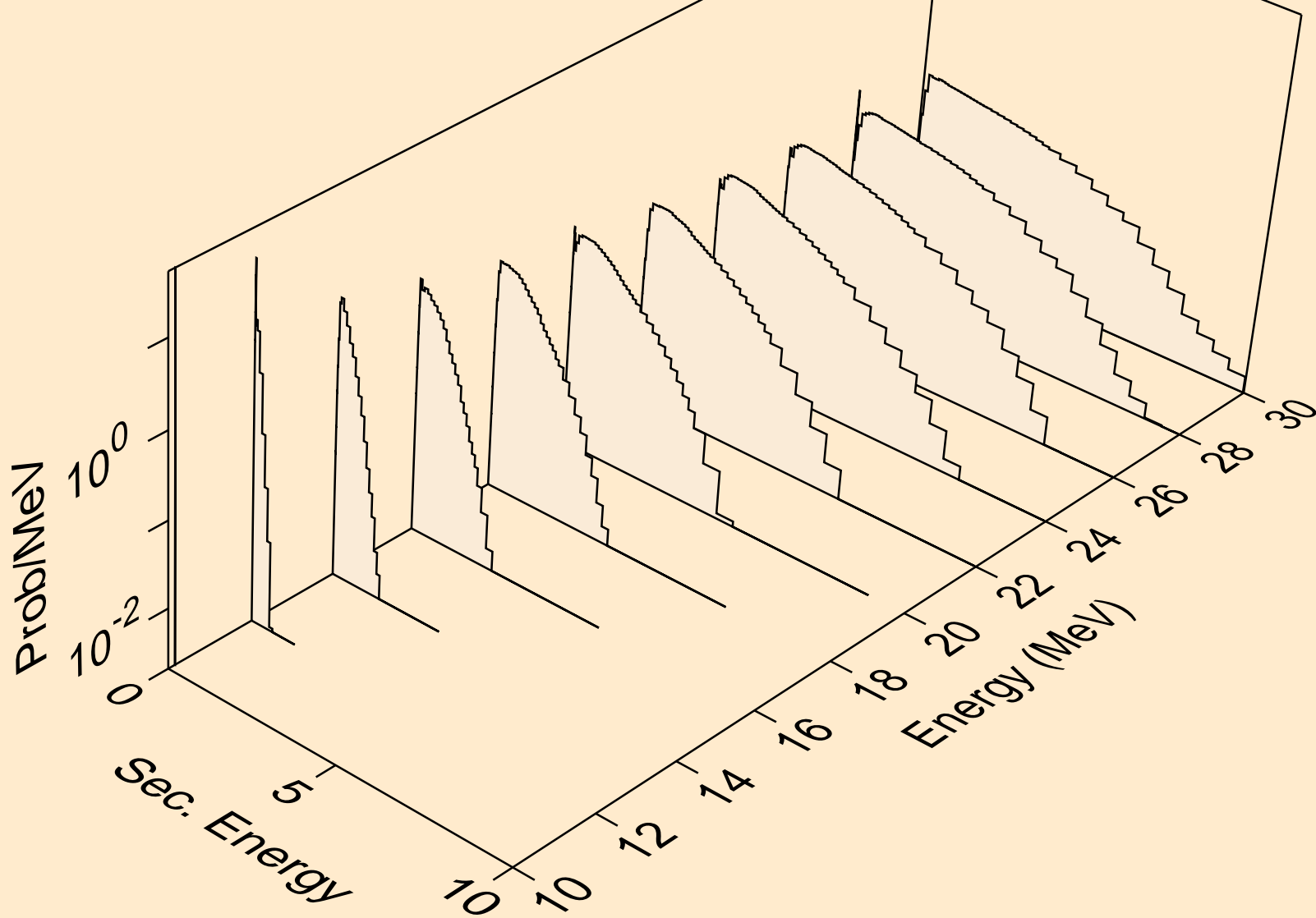
S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,3n)



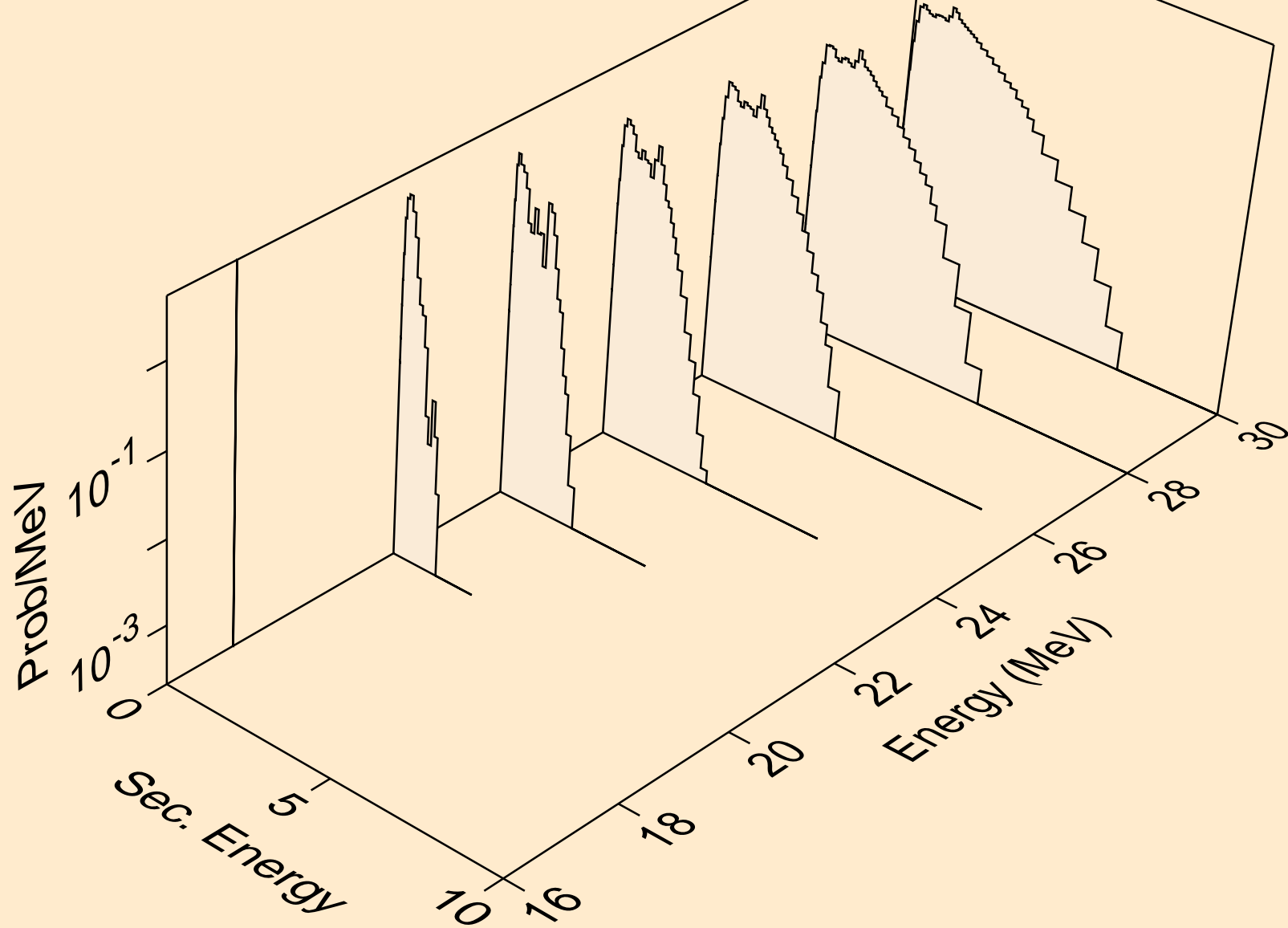
S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)a



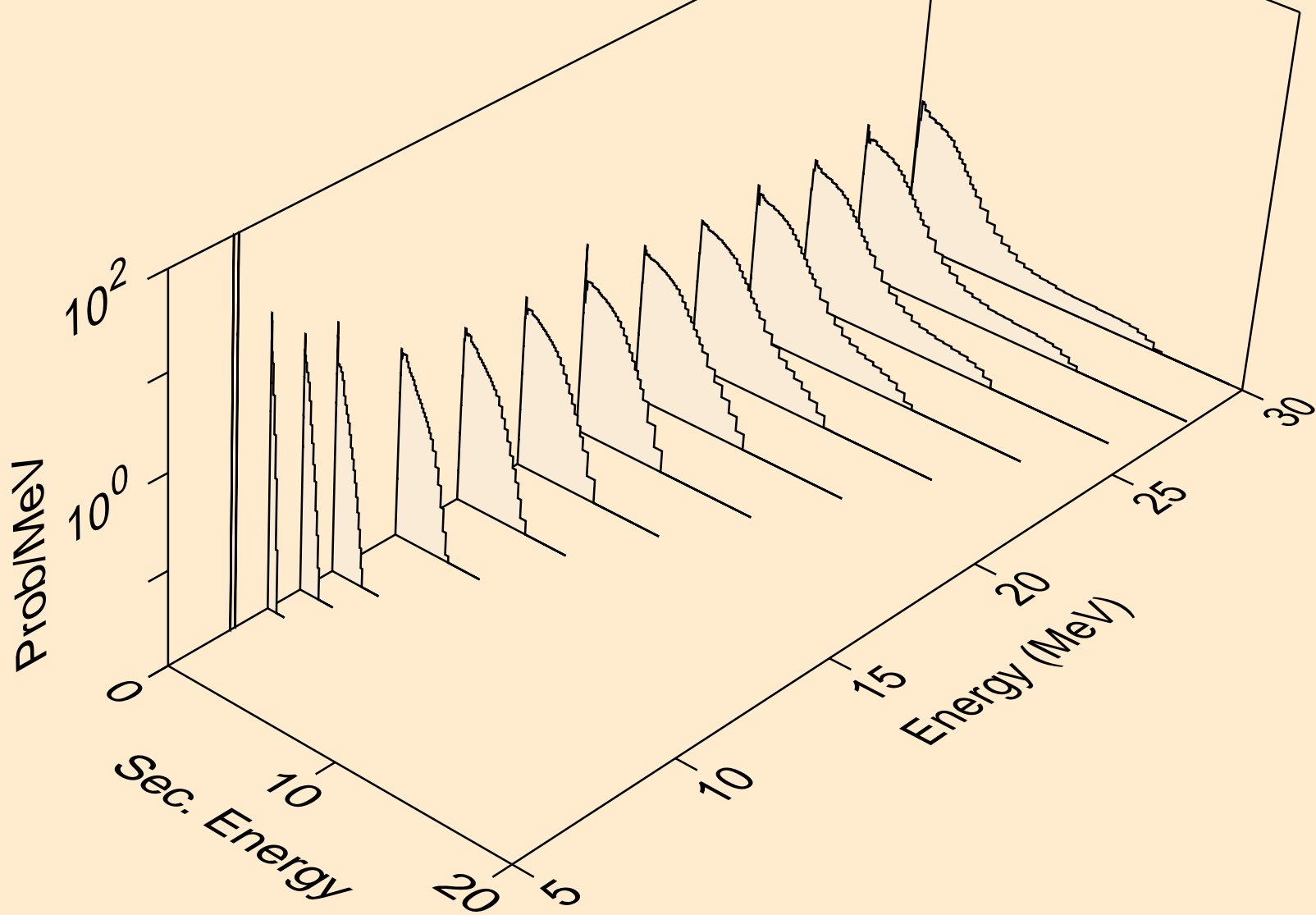
S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2n)a



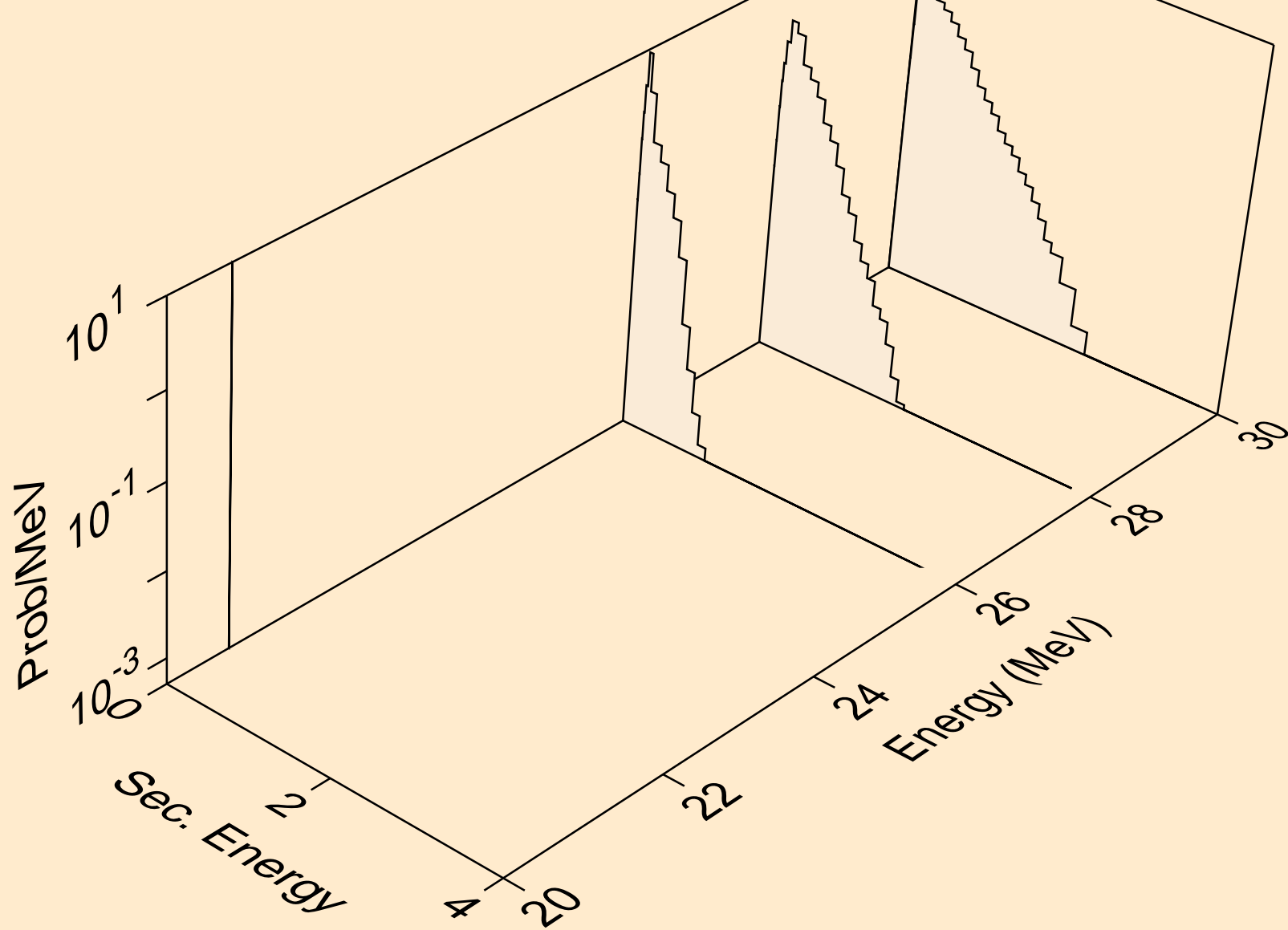
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neutrons from (p,3n)a



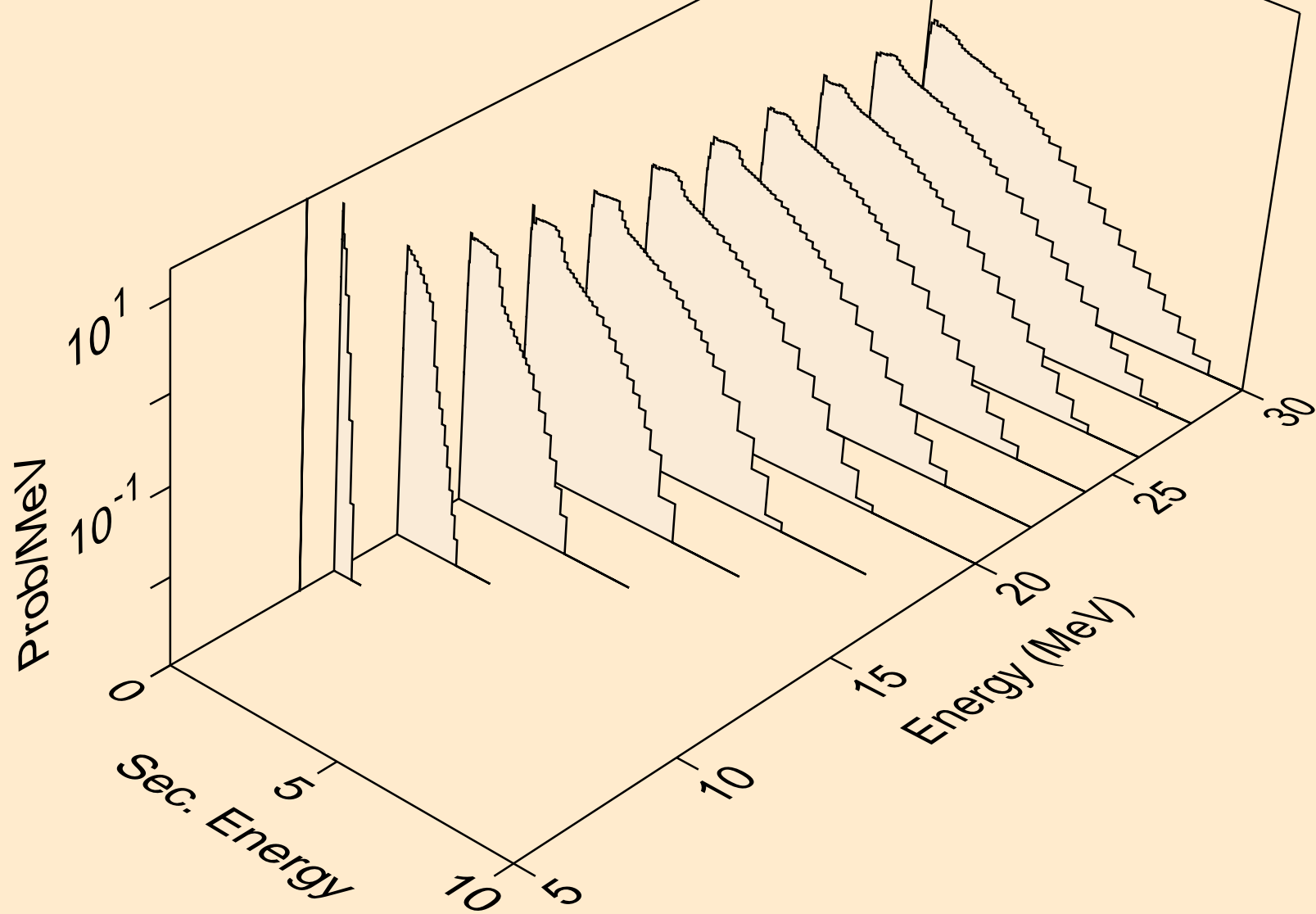
S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)p



S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)2a

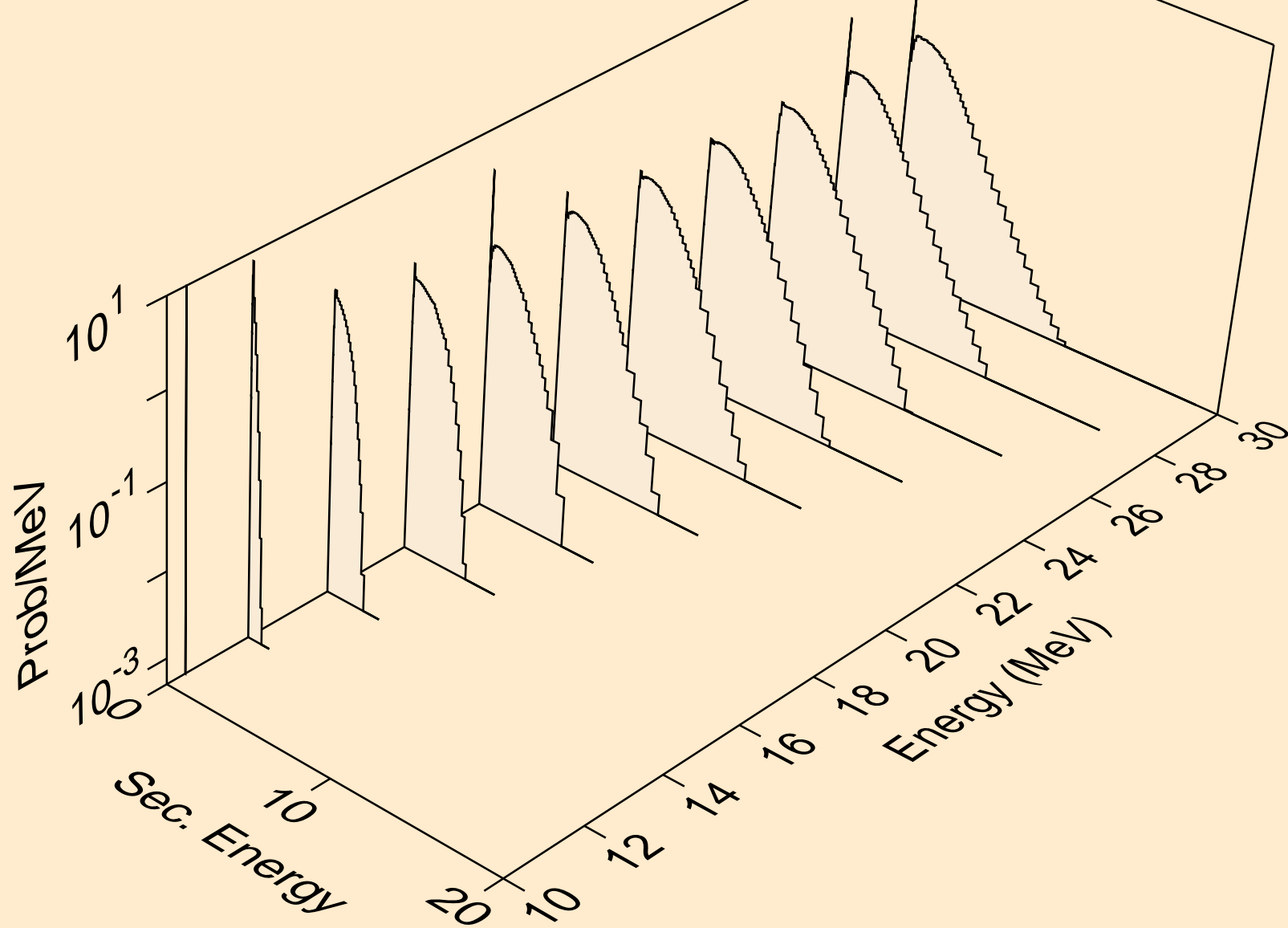


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neutrons from (p,n\*)d

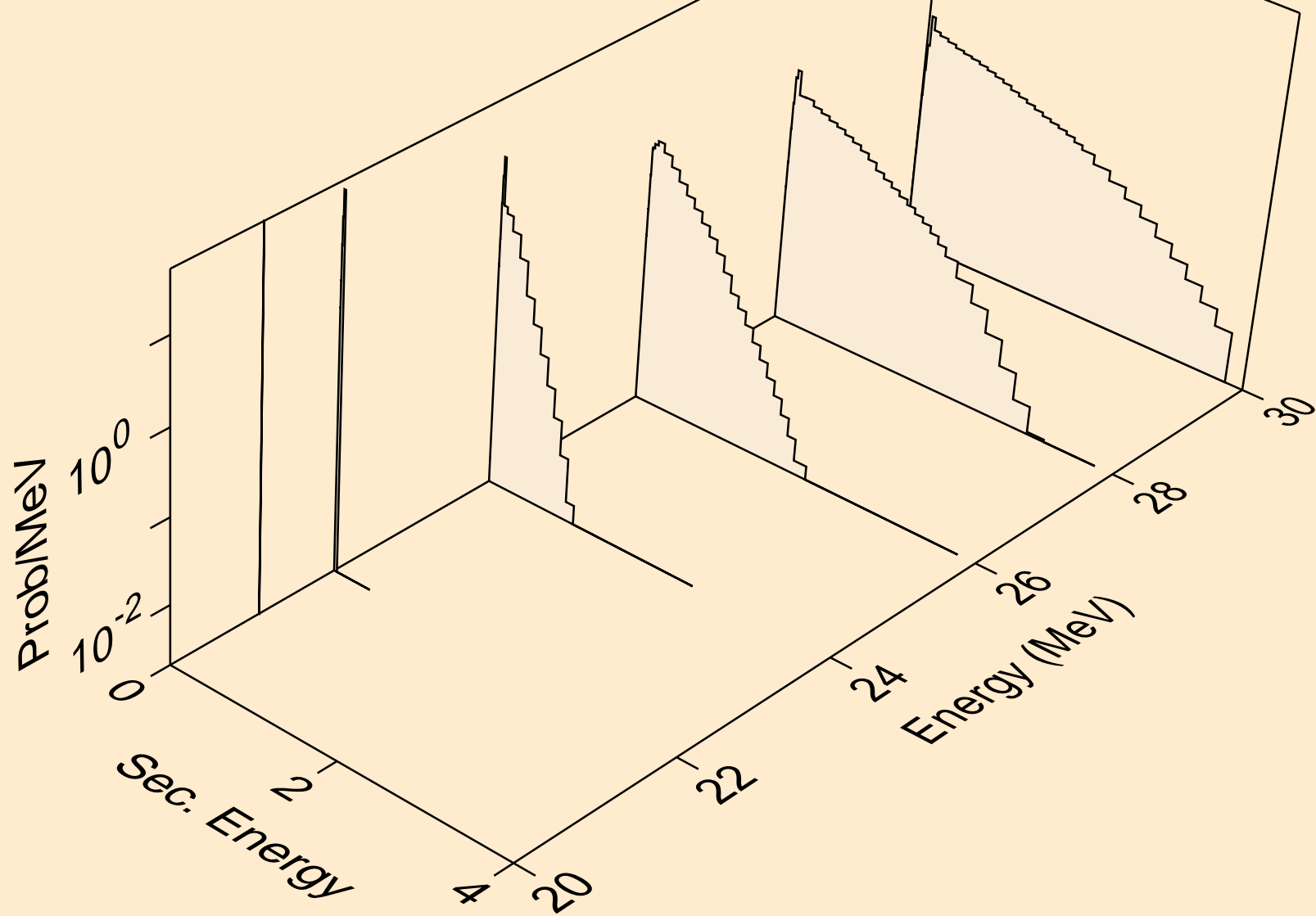




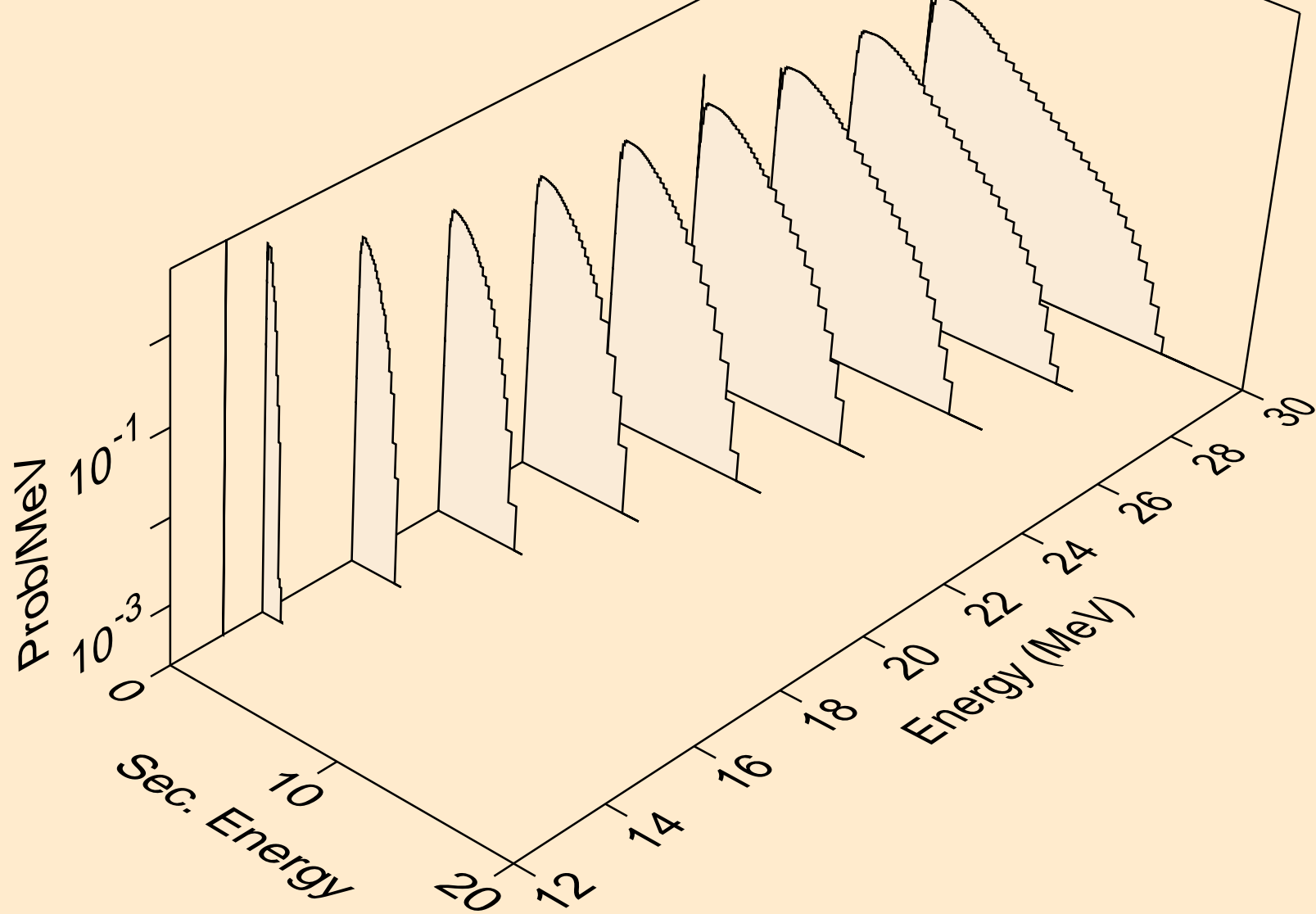
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neutrons from (p,n\*)t



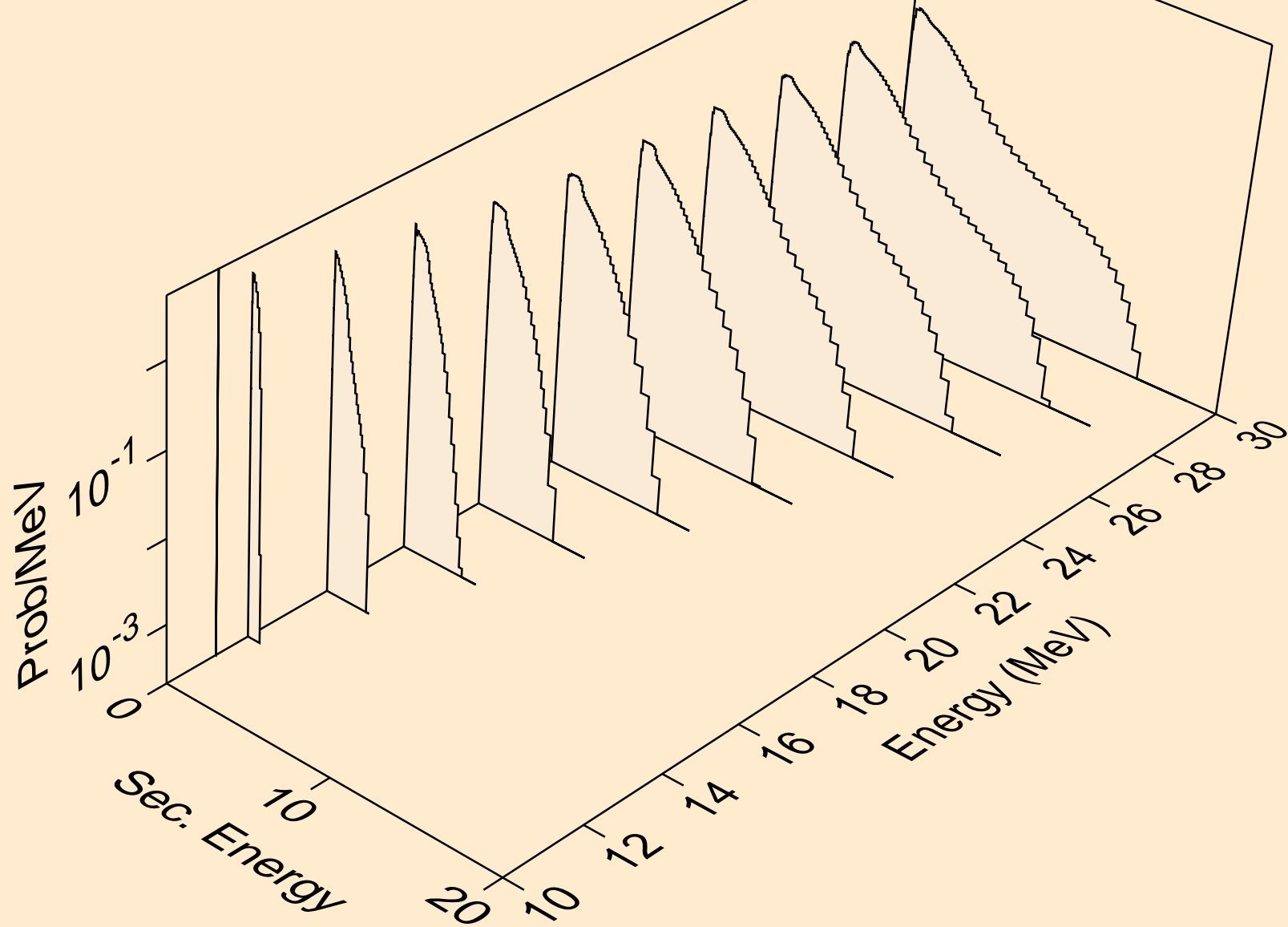
S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



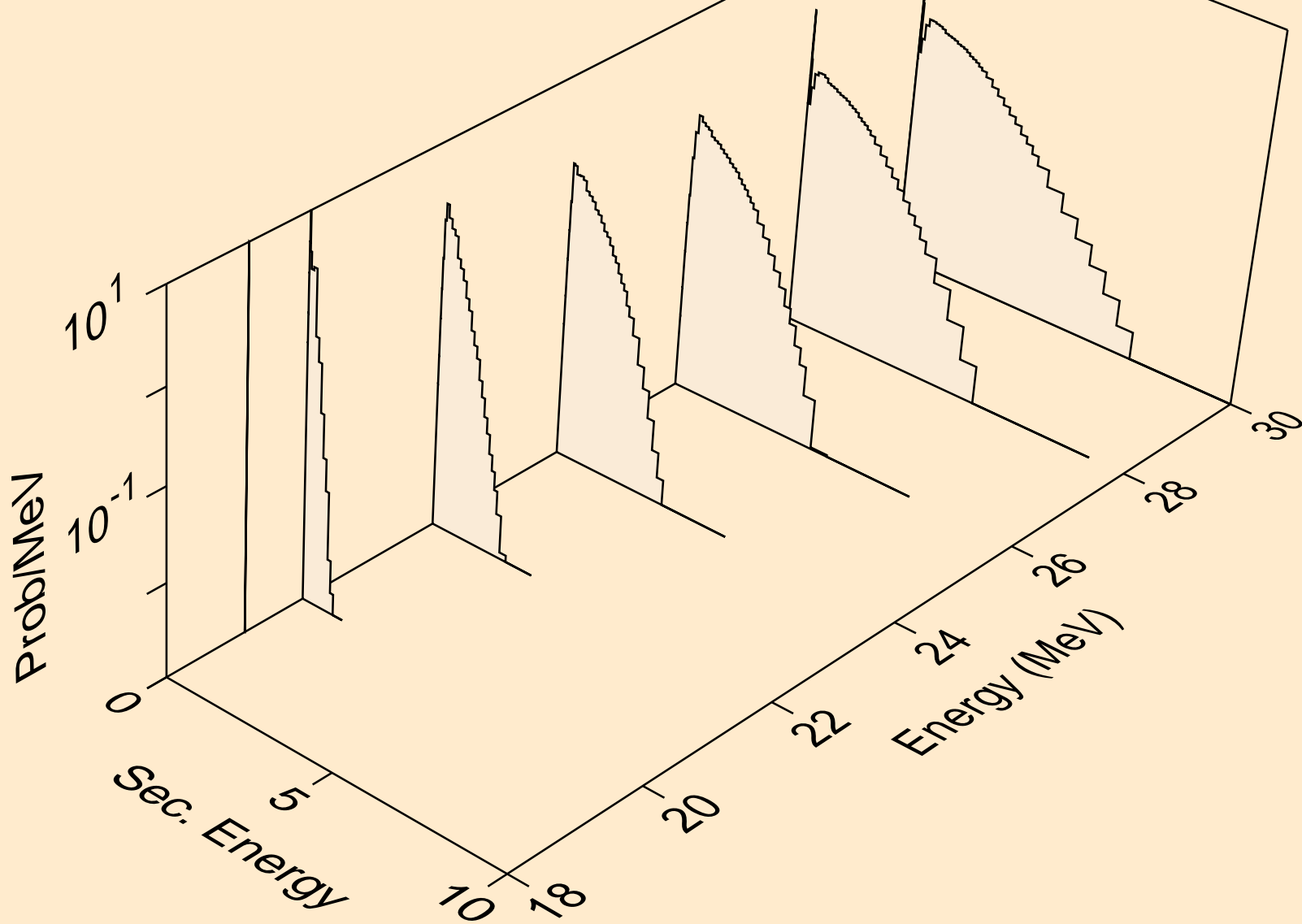
S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,4n)



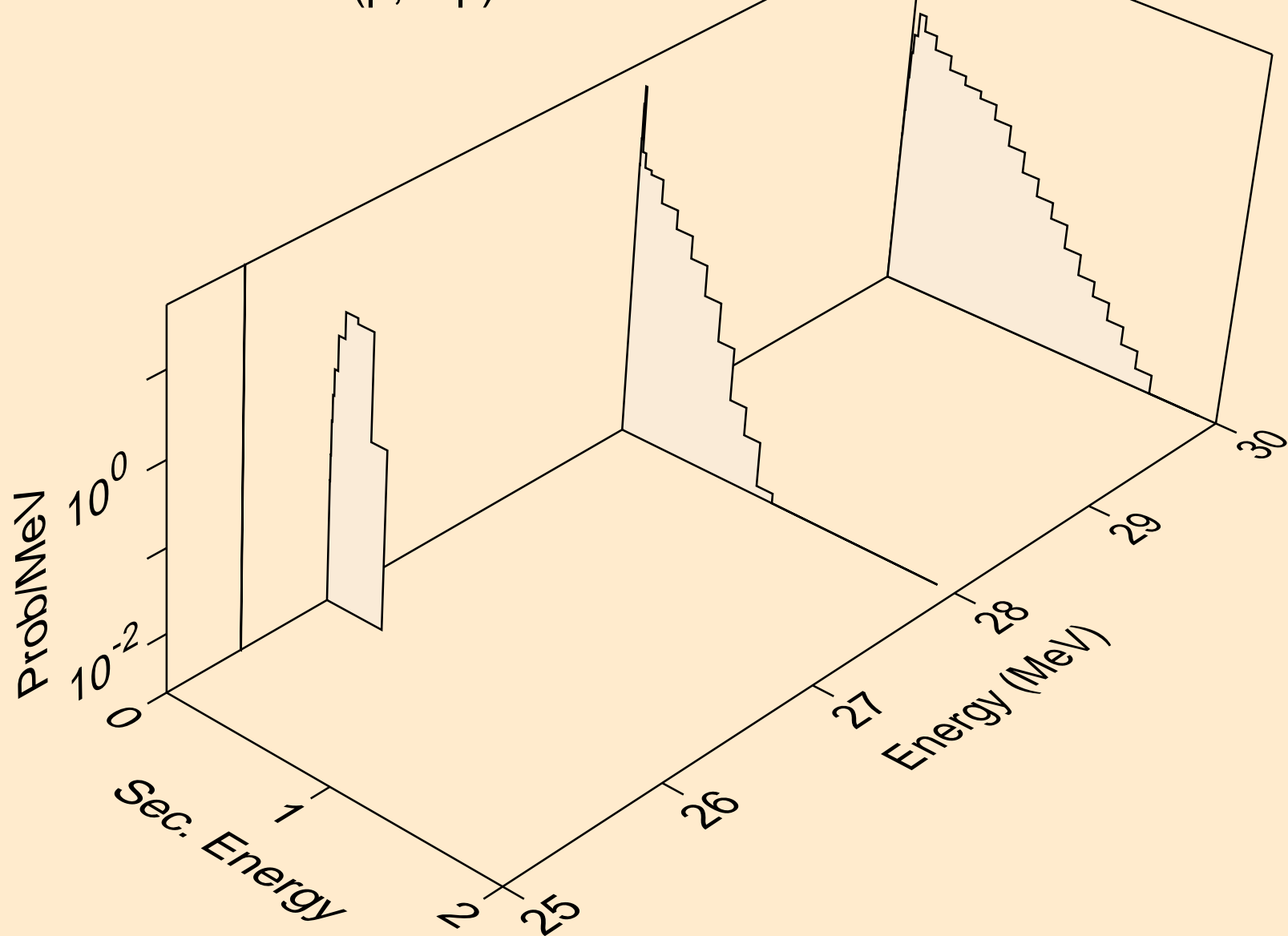
S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2np)



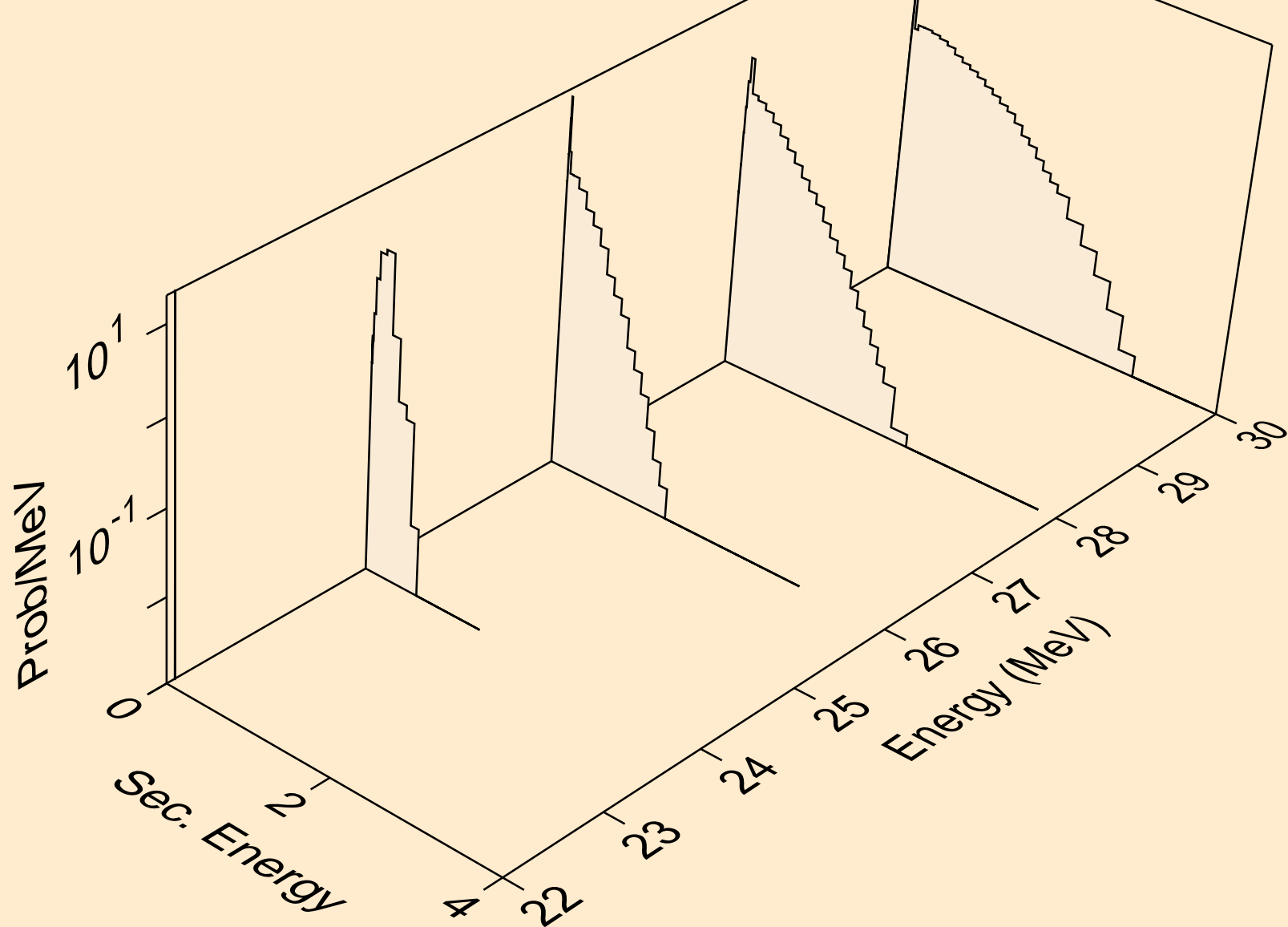
S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,3np)



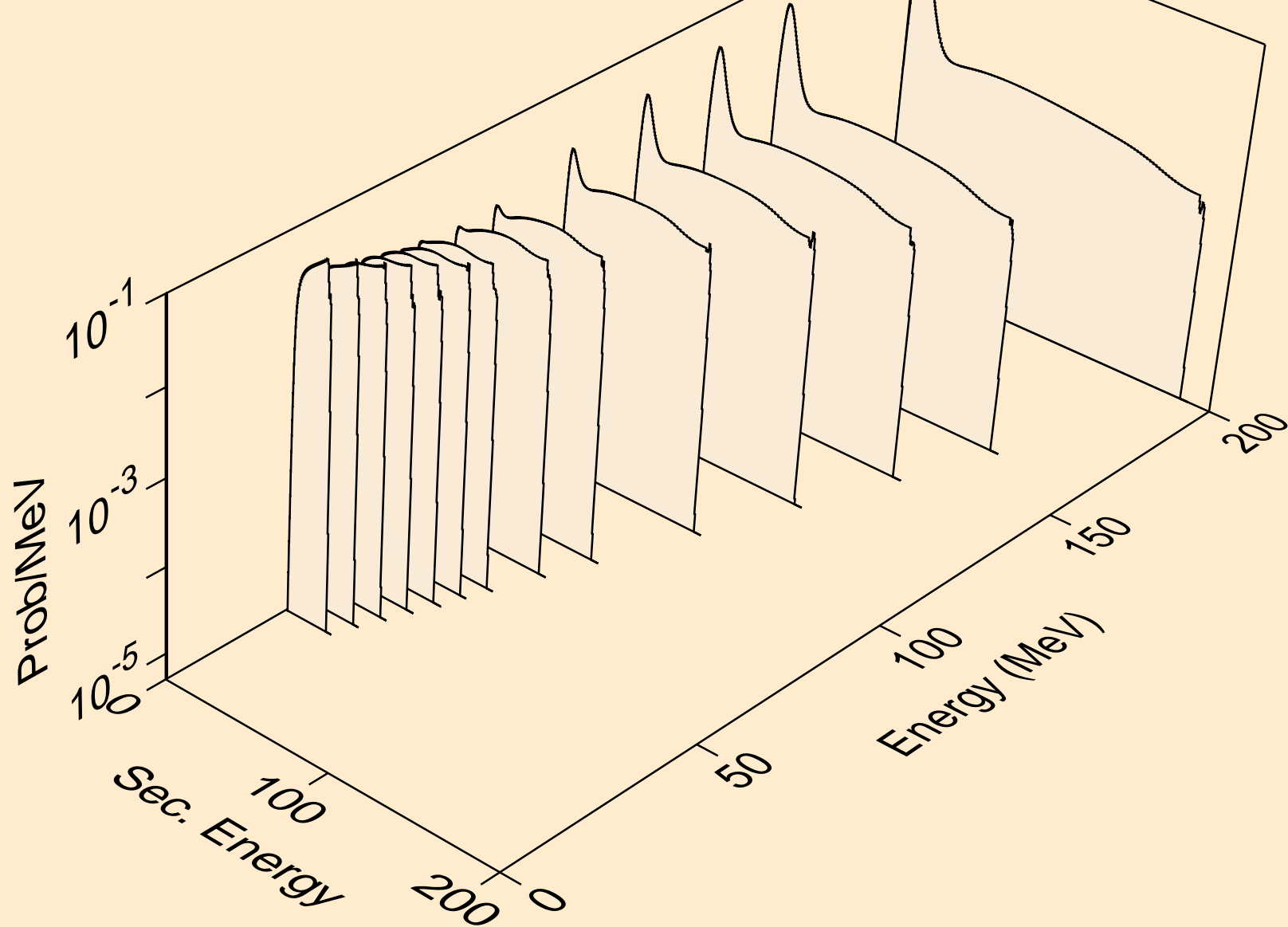
S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2np)



S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,npa)

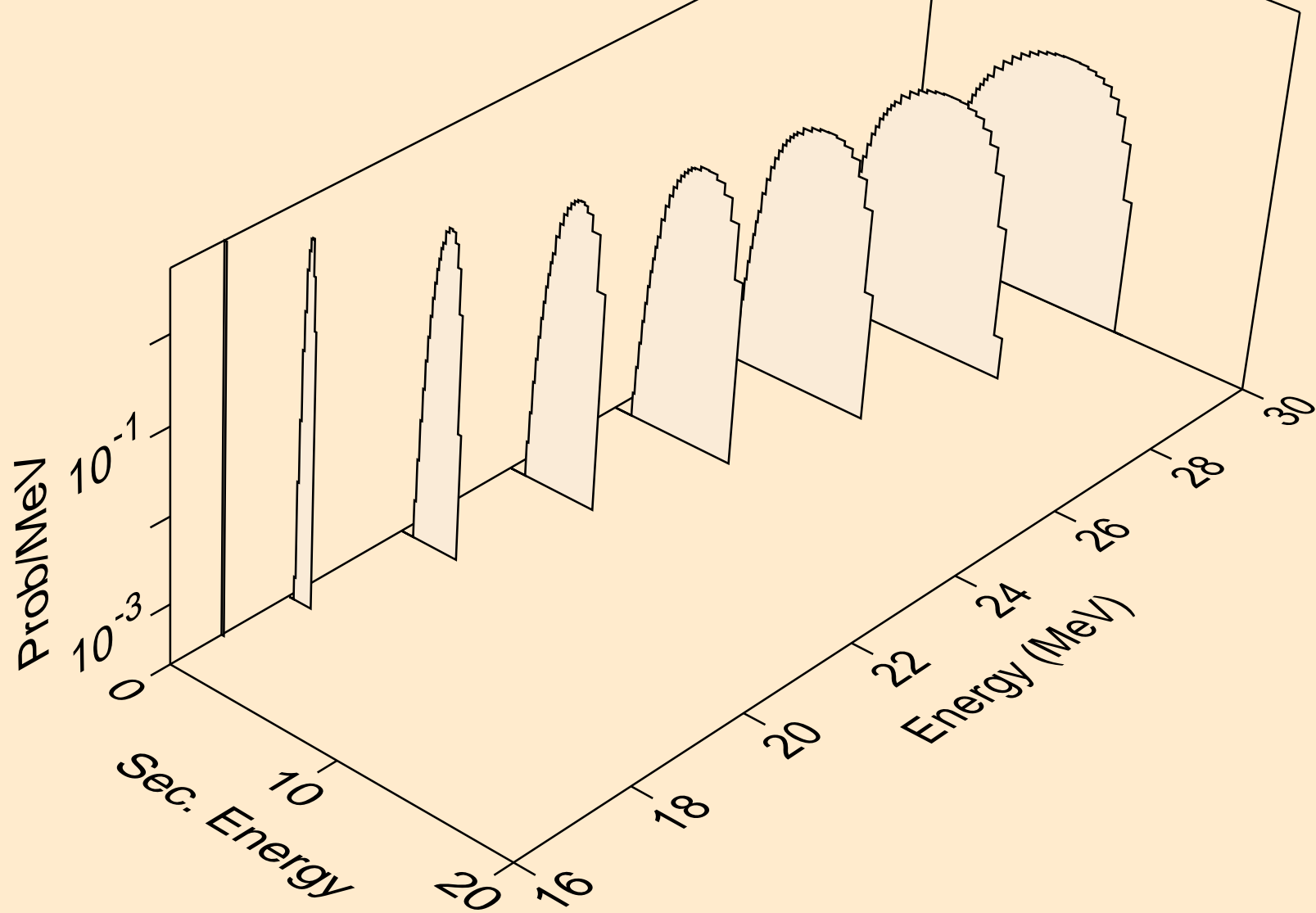


S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,x)

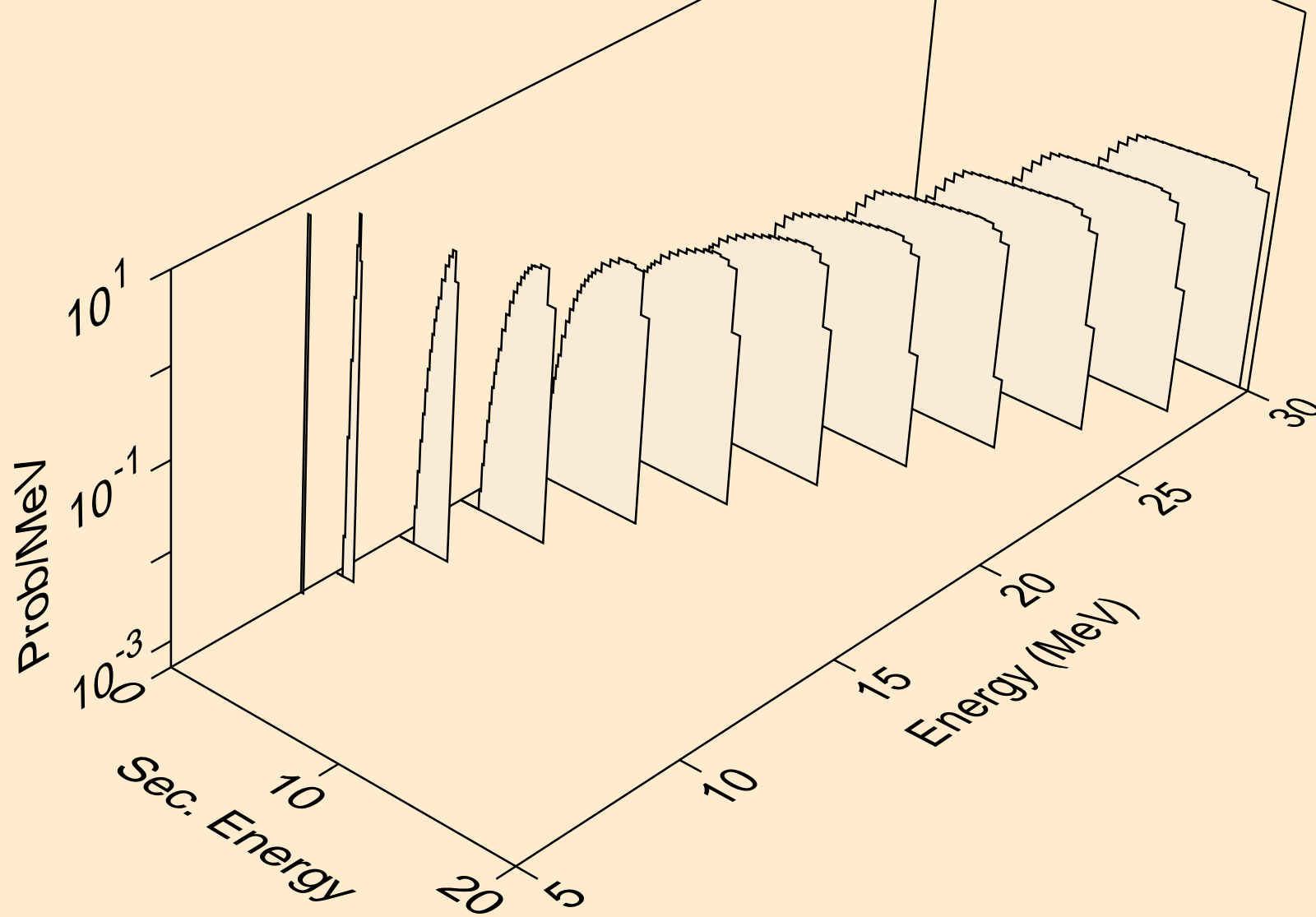




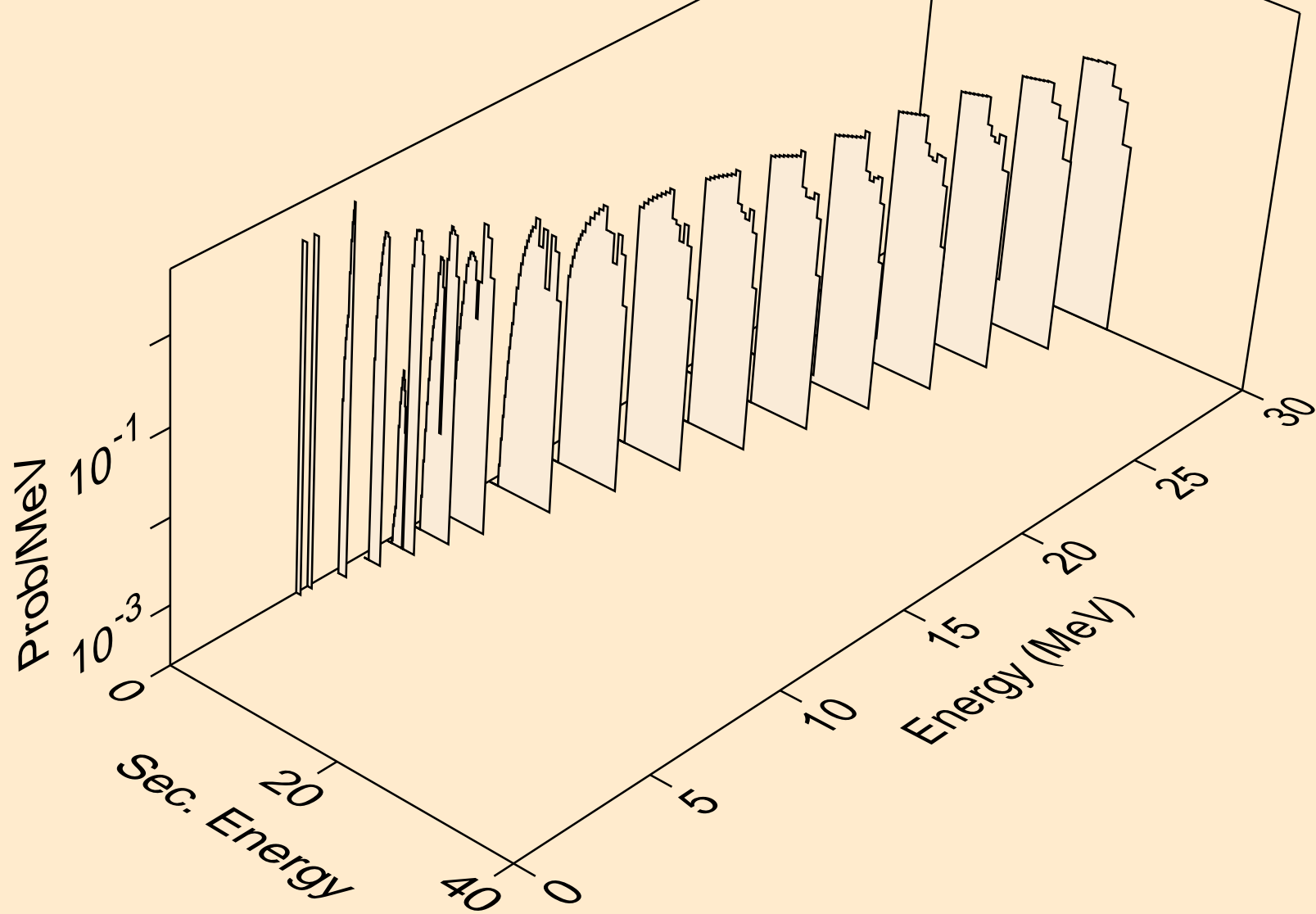
S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,2nd)



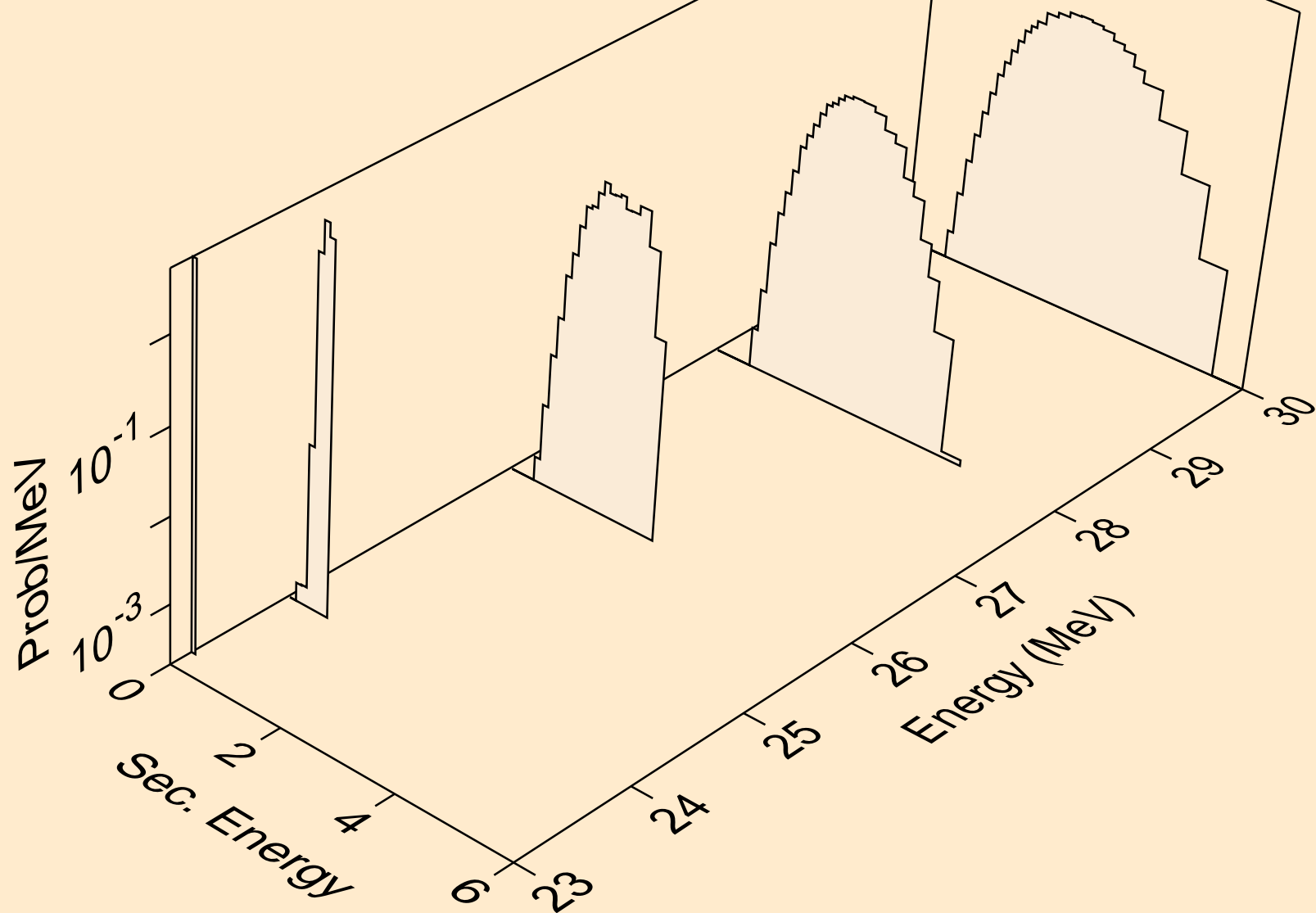
S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,n\*)d



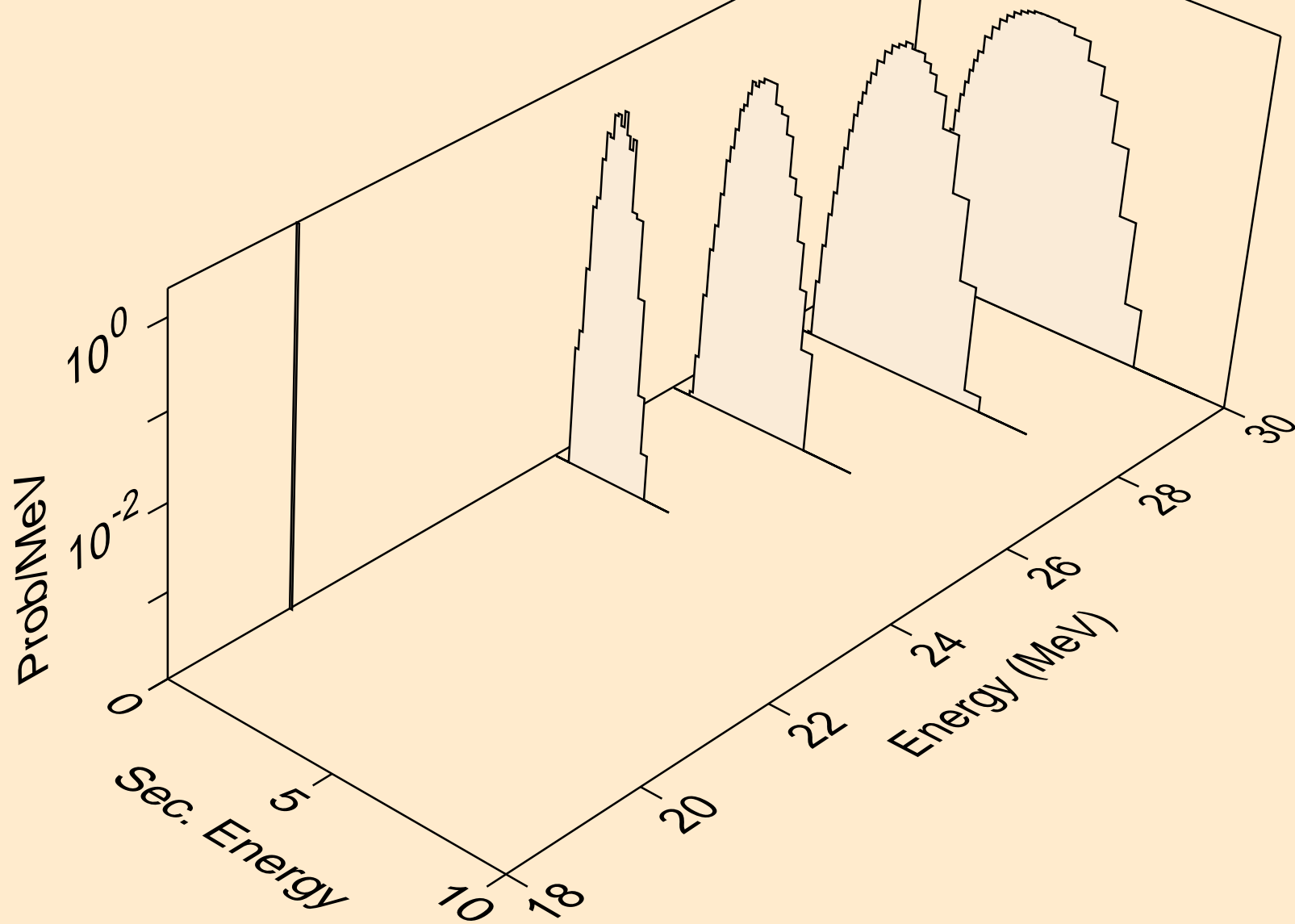
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deuterons from (p,d)



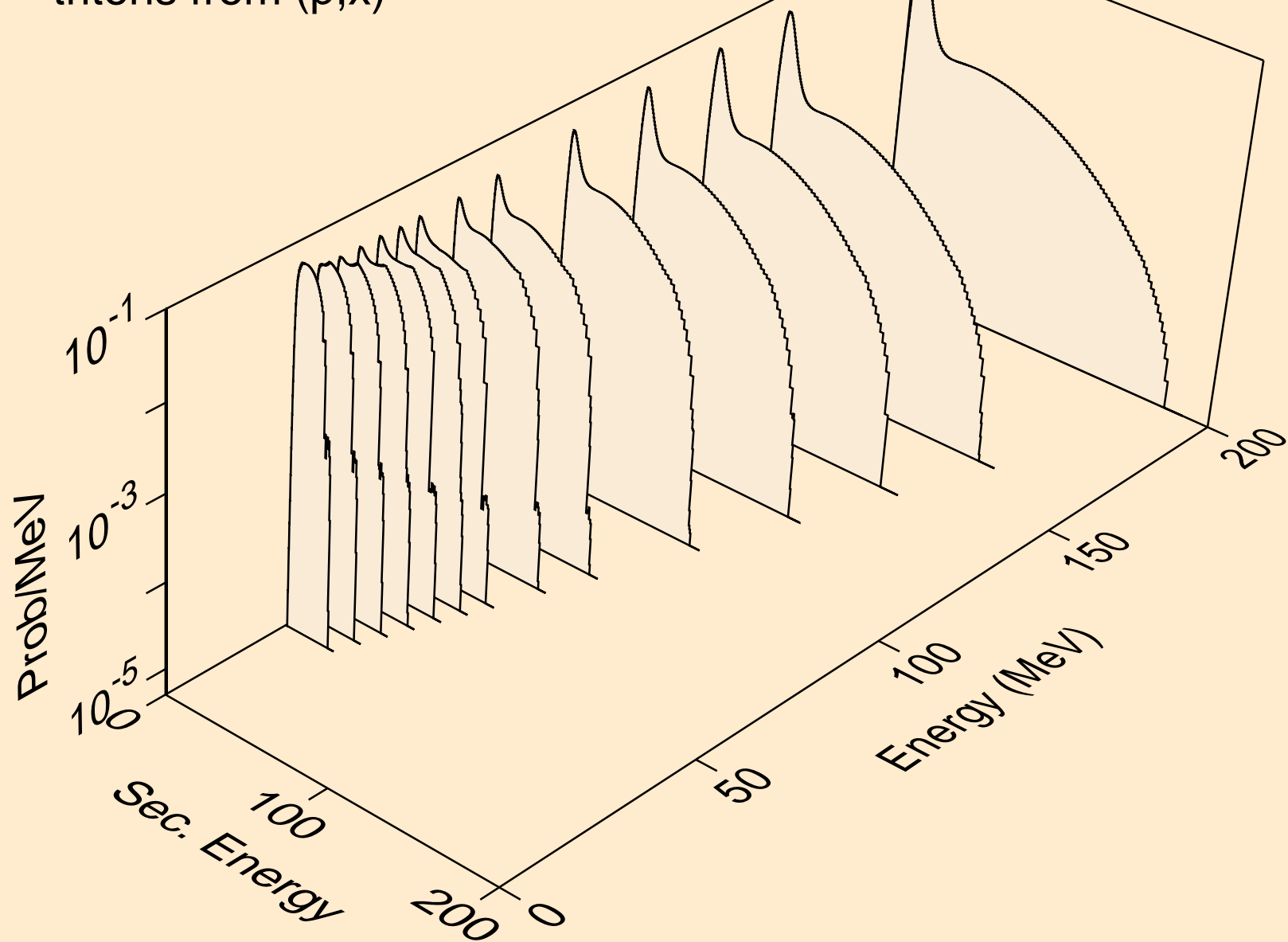
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deuterons from (p,pd)



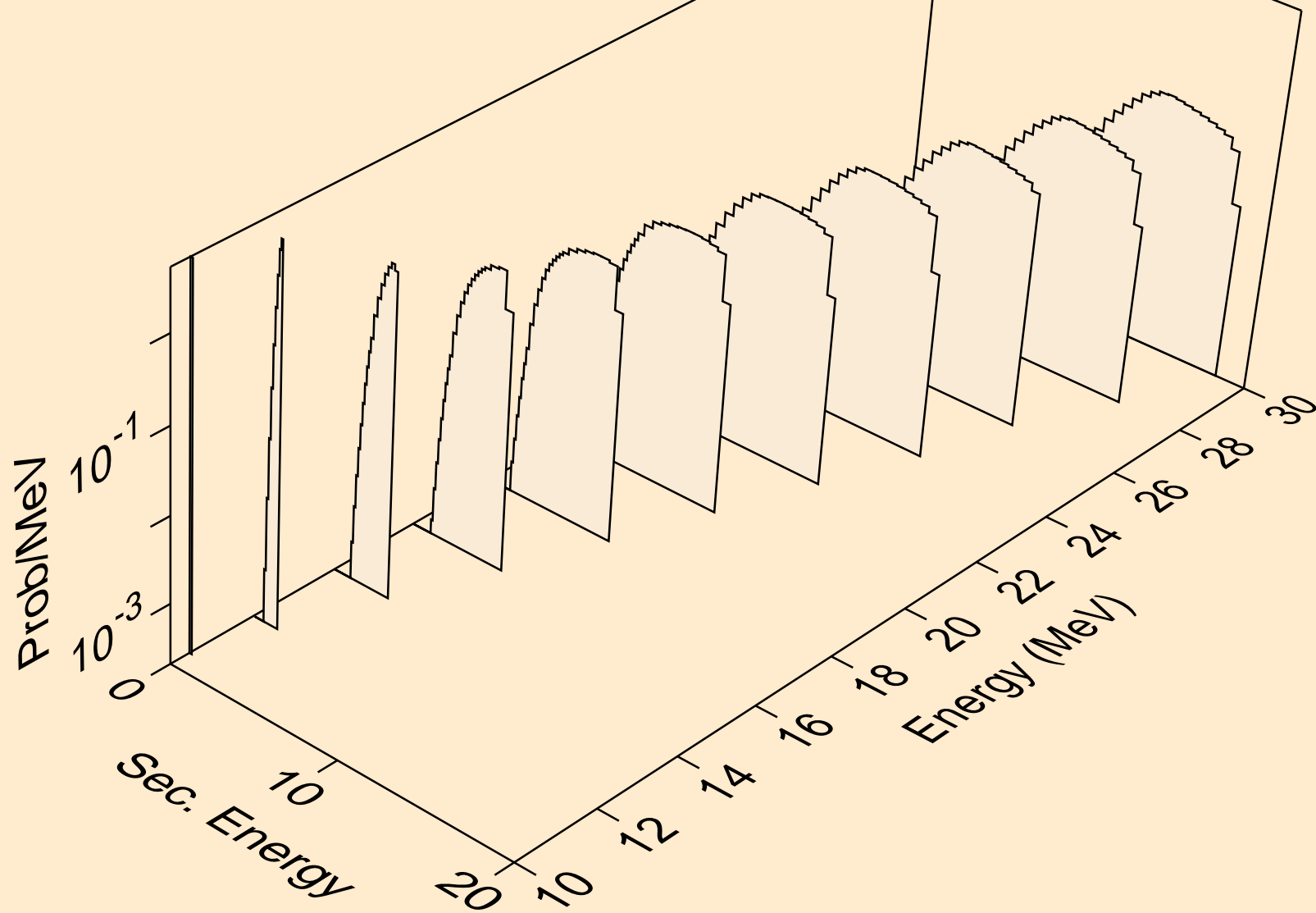
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deuterons from (p,da)



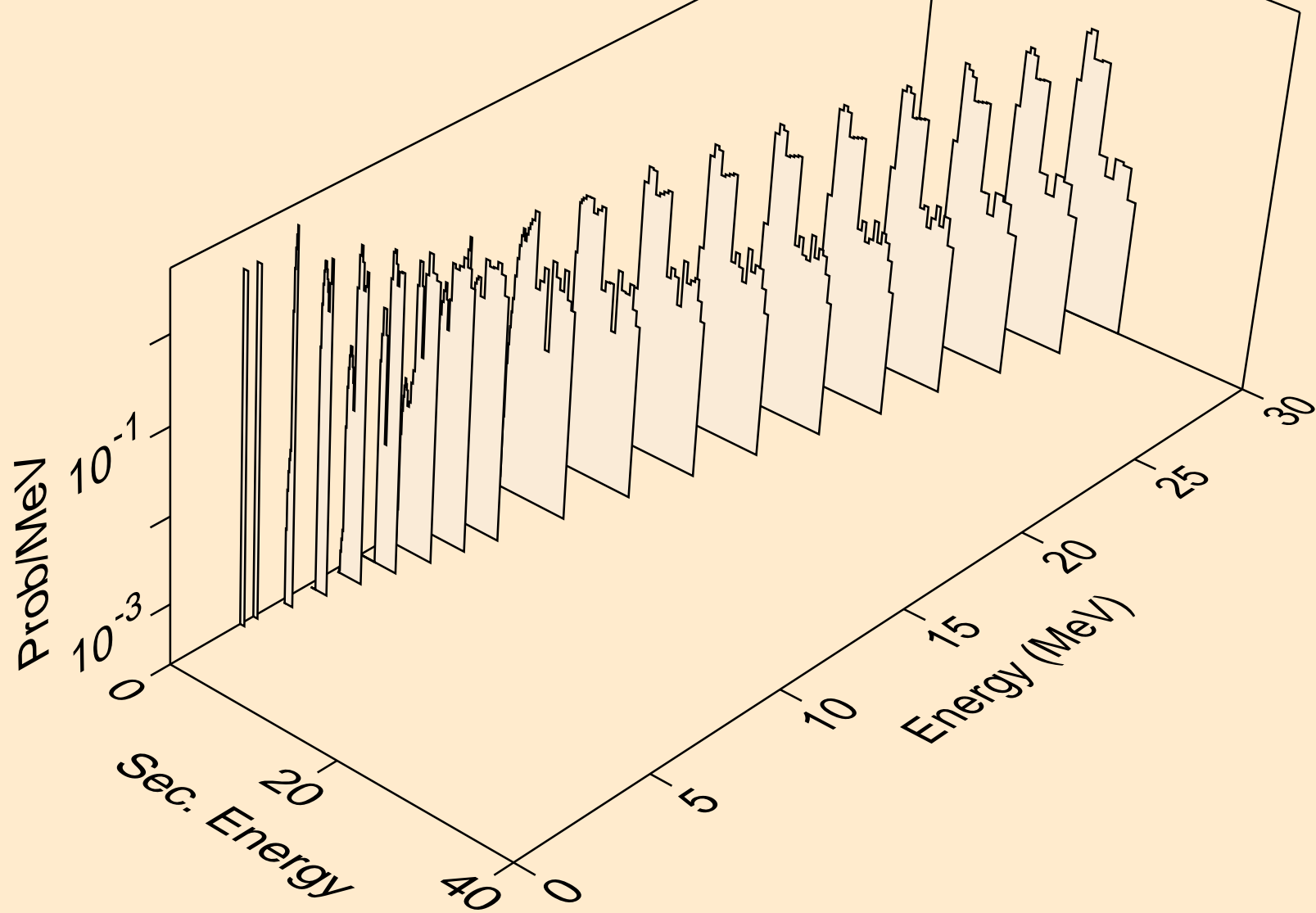
S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,x)



S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,n\*)t

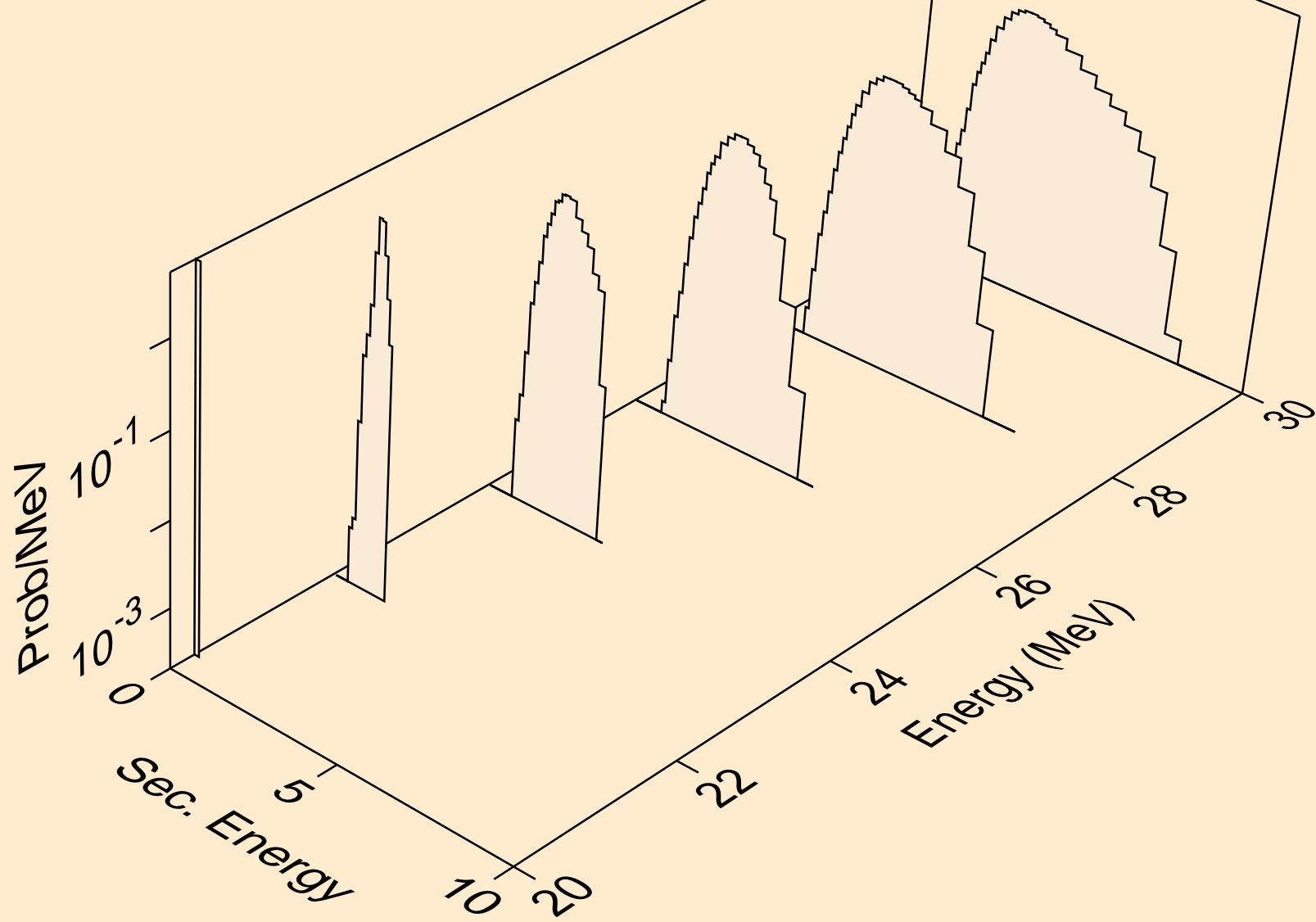


S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,t)

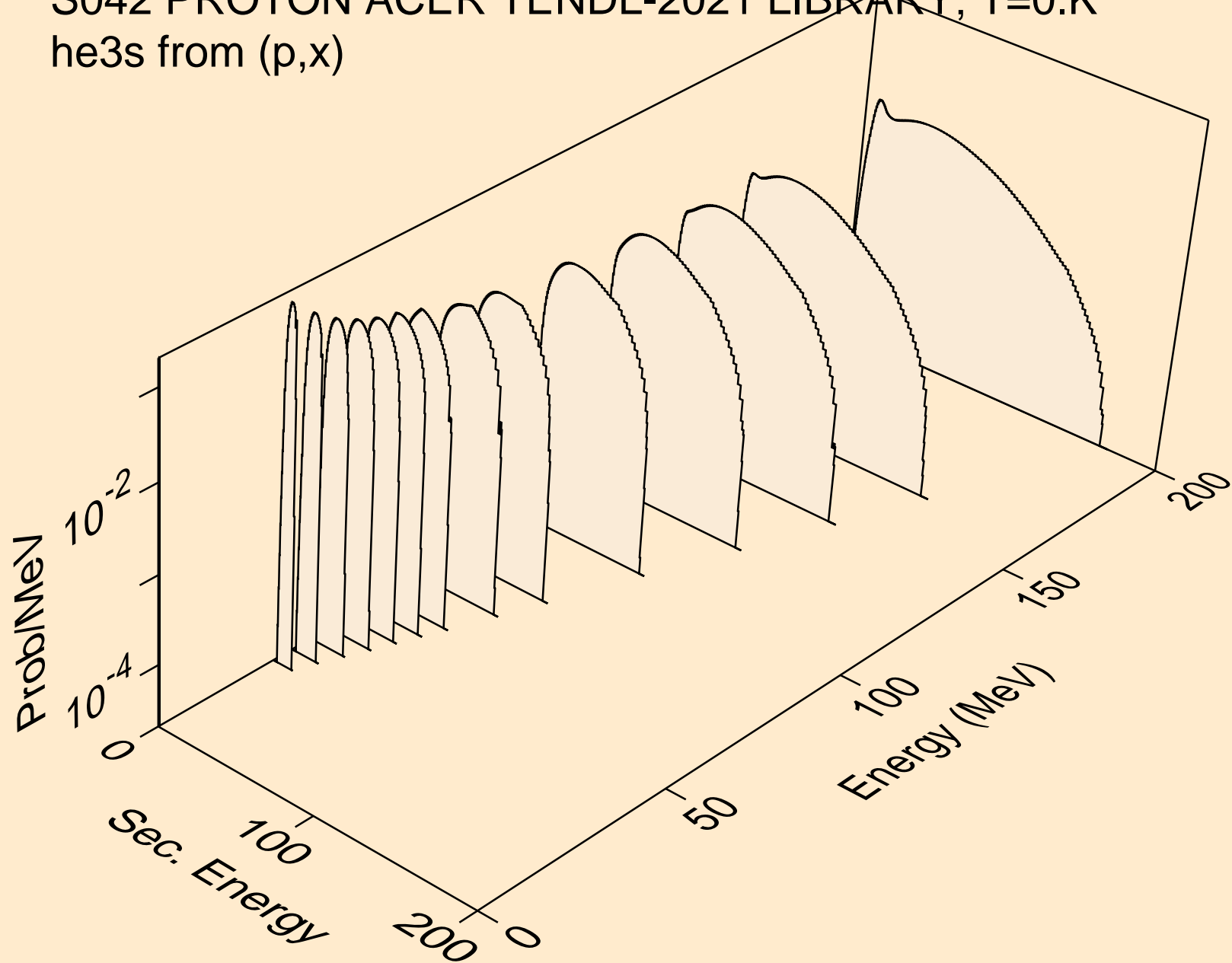




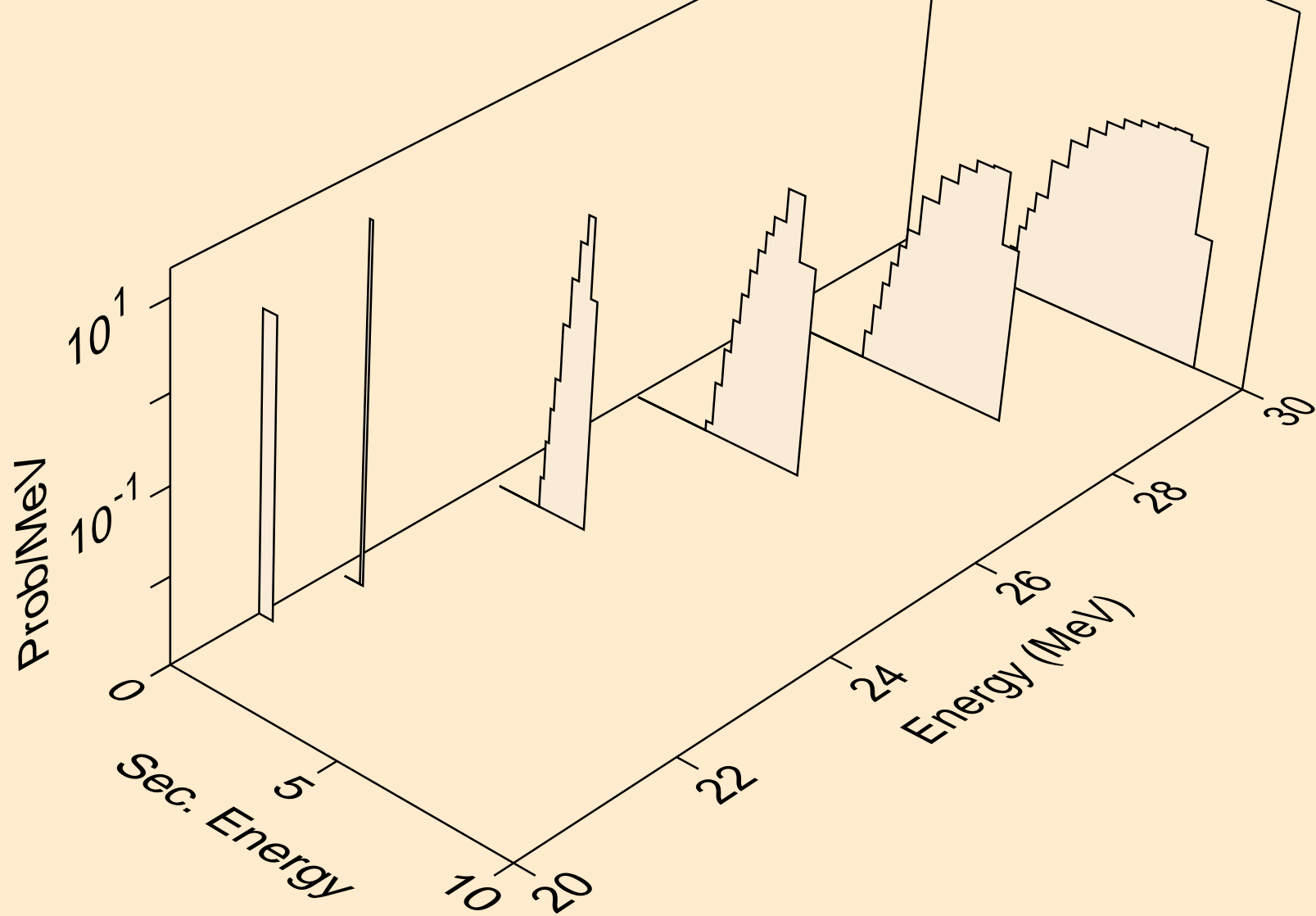
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tritons from (p,pt)



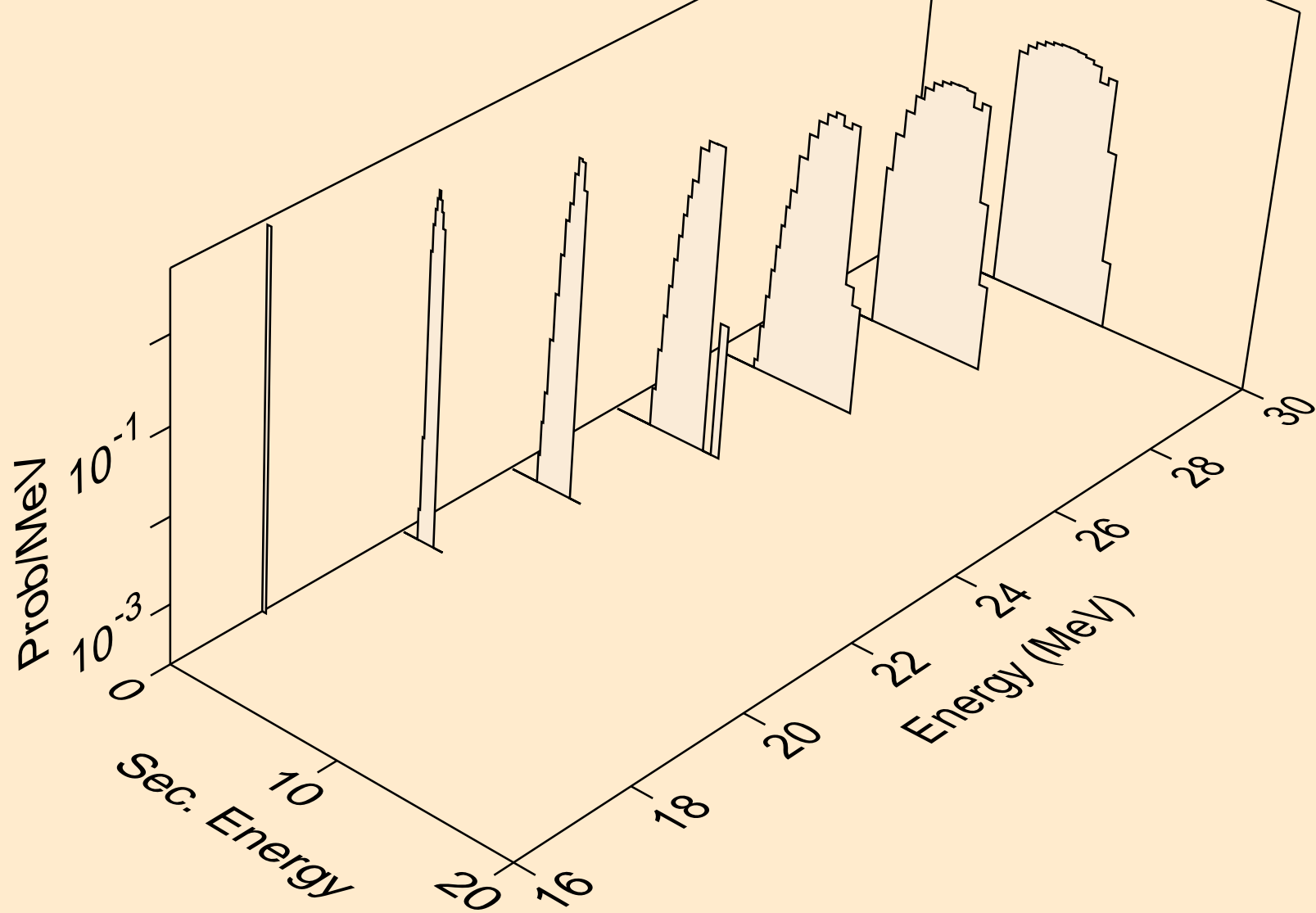
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he3s from (p,x)



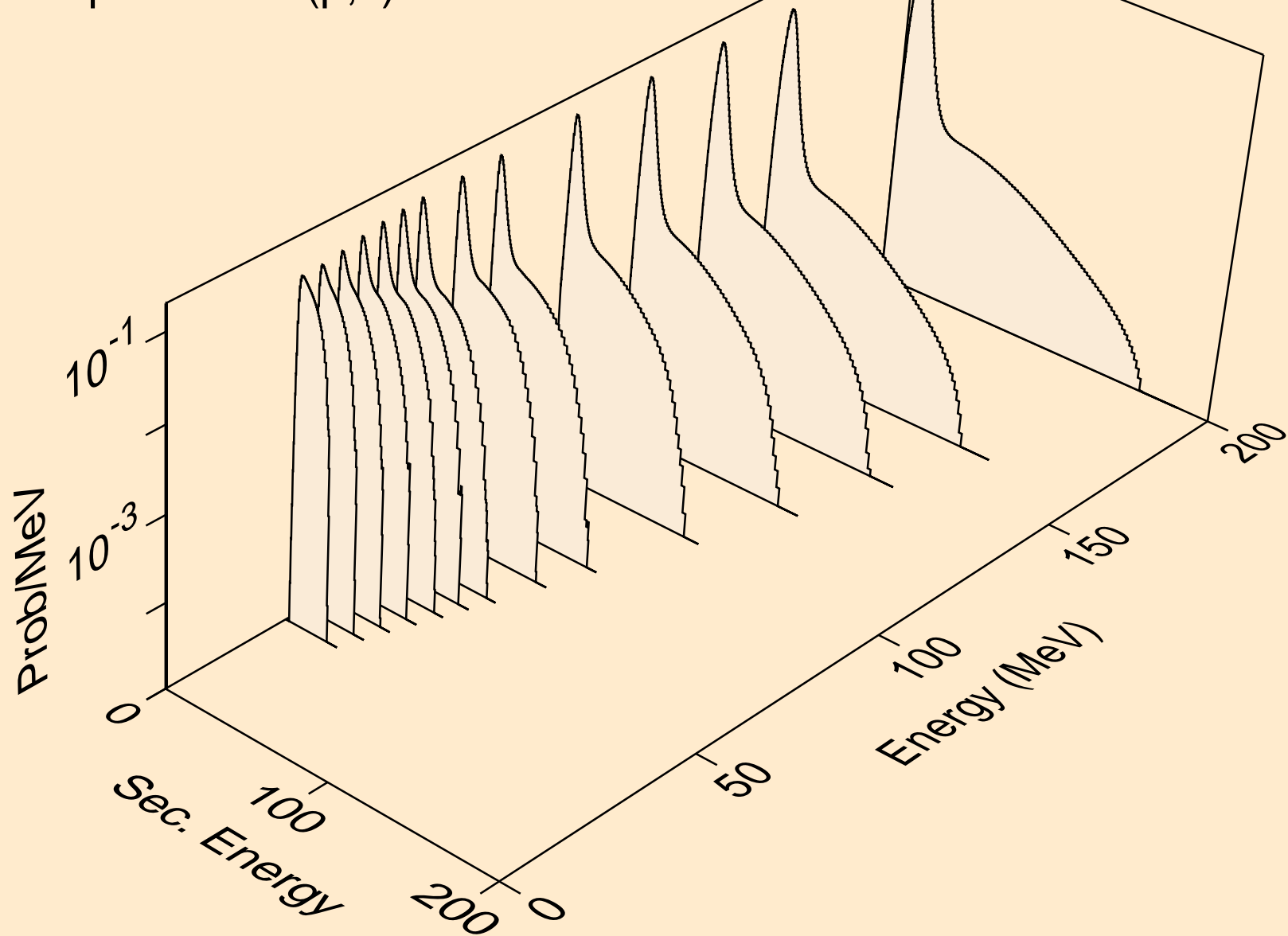
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he3s from (p,n\*)he3



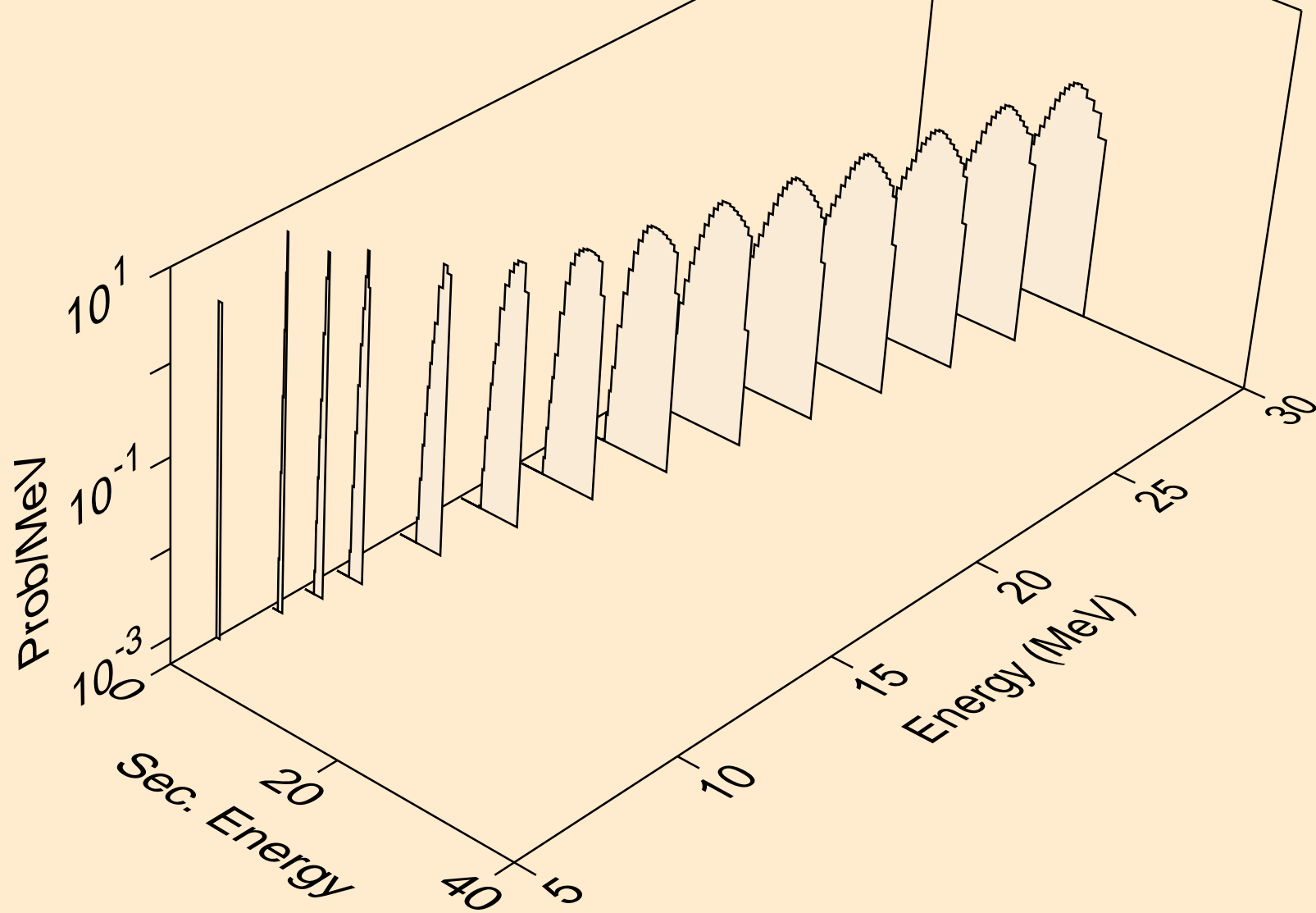
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he3s from (p,he3)



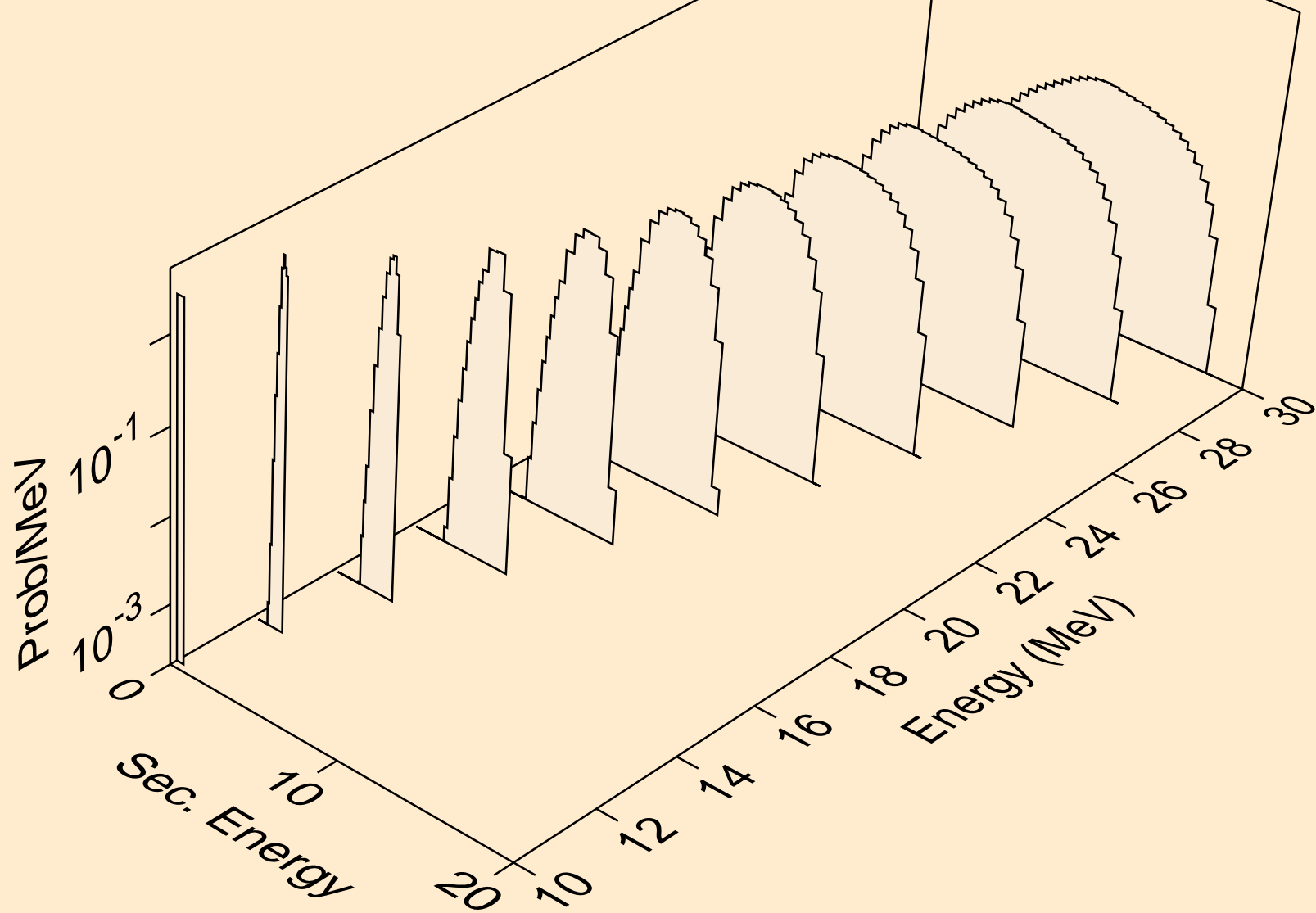
S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,x)



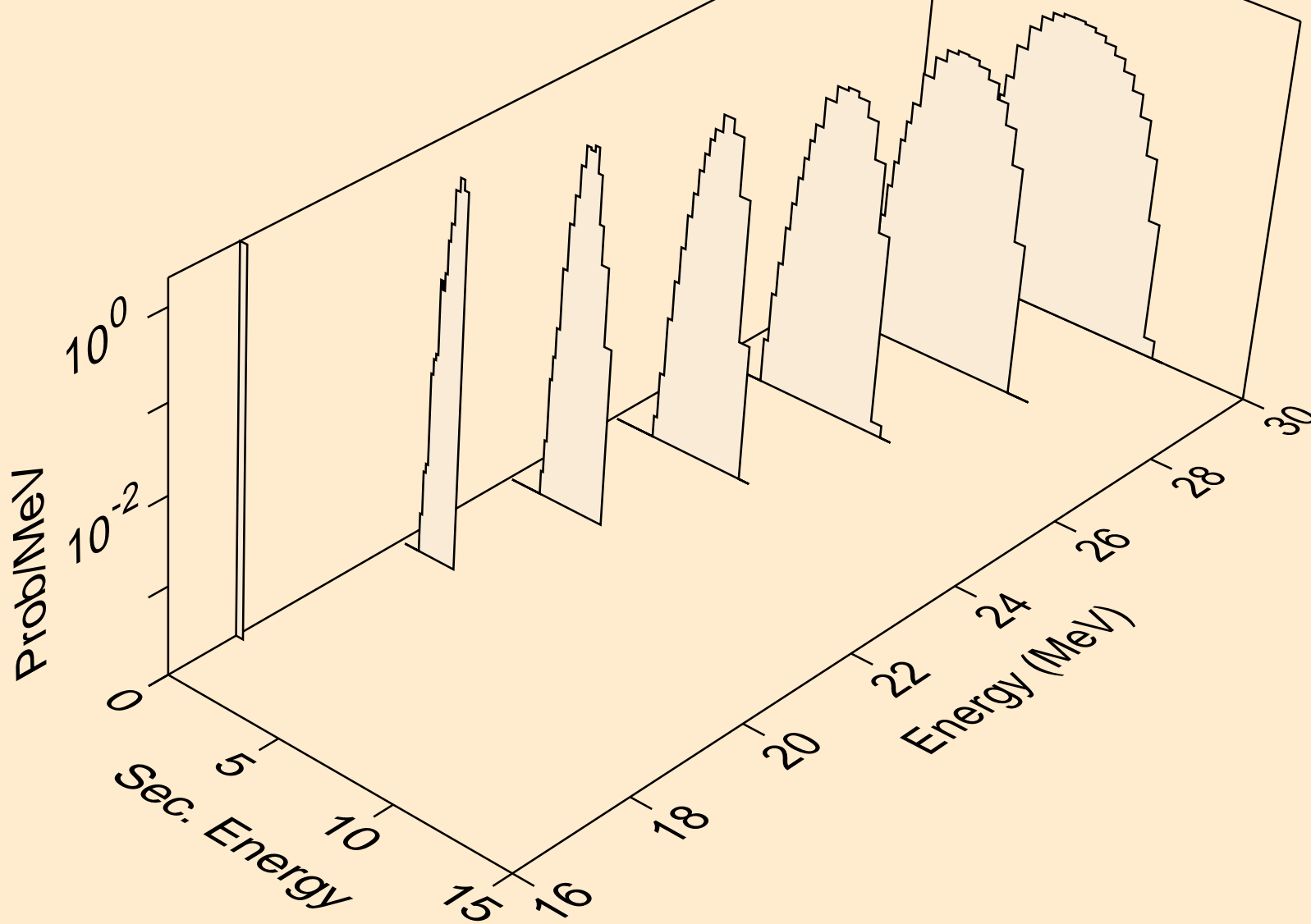
S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,n\*)a



S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,2n)a

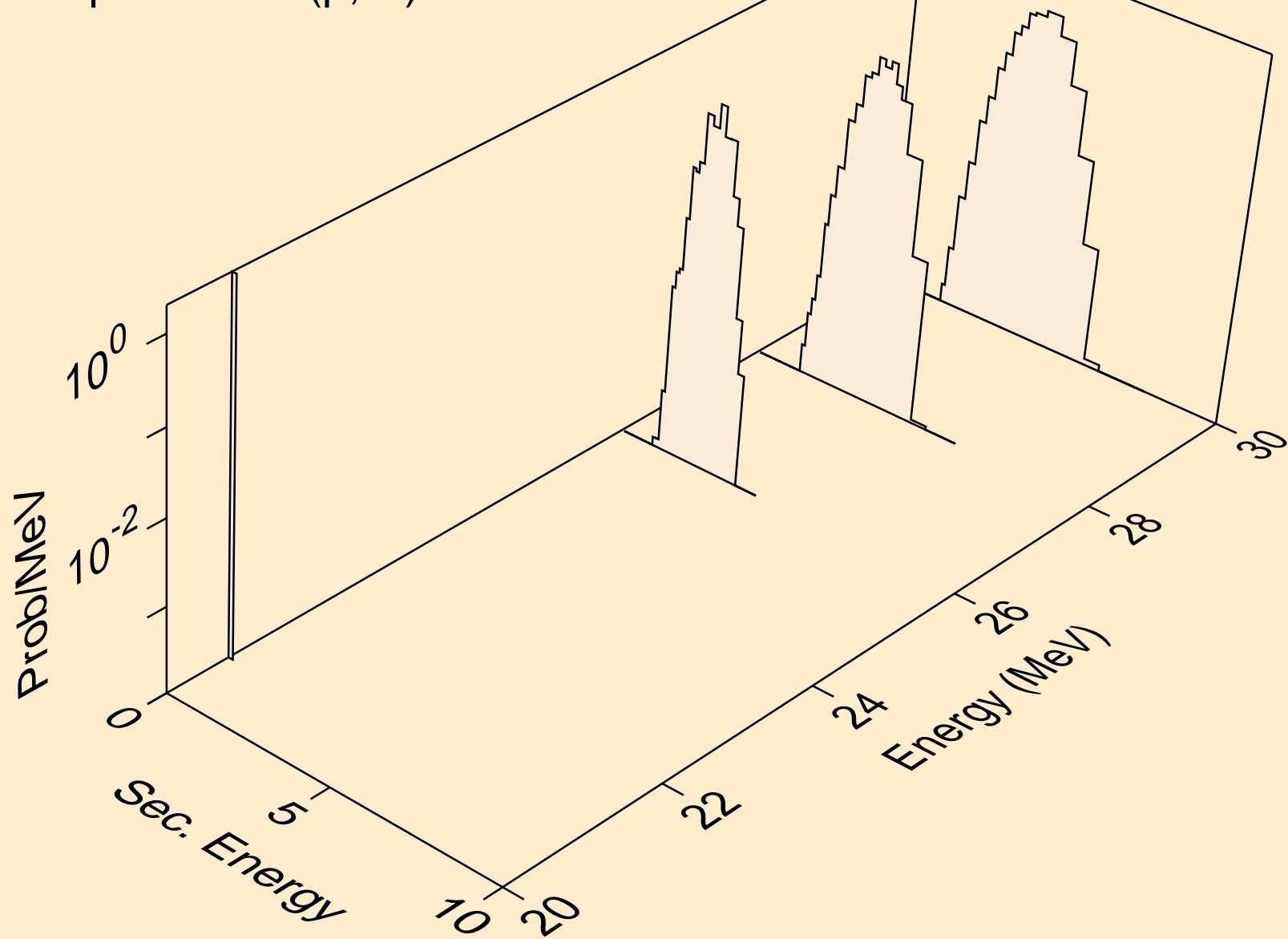


S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,3n)a

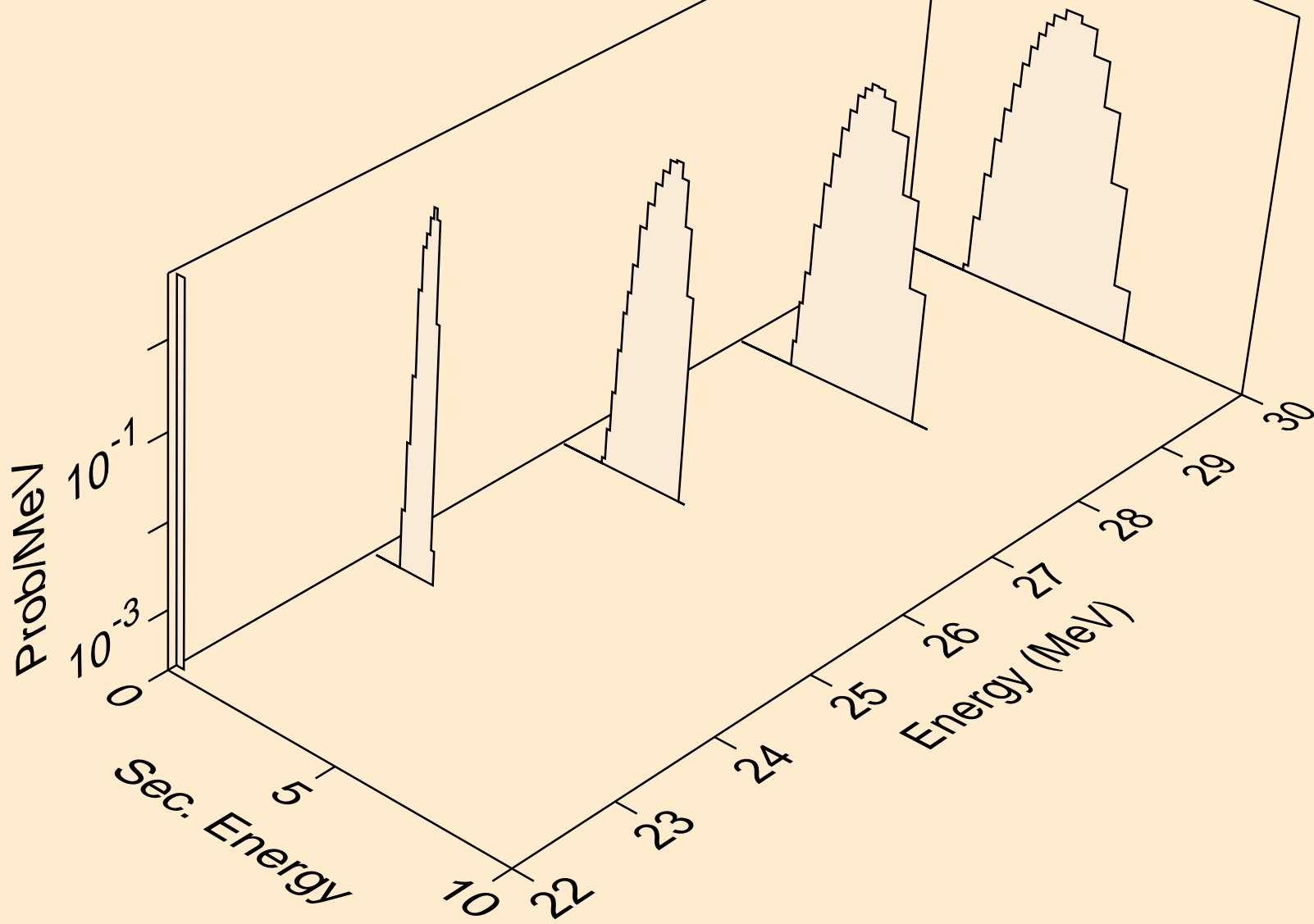




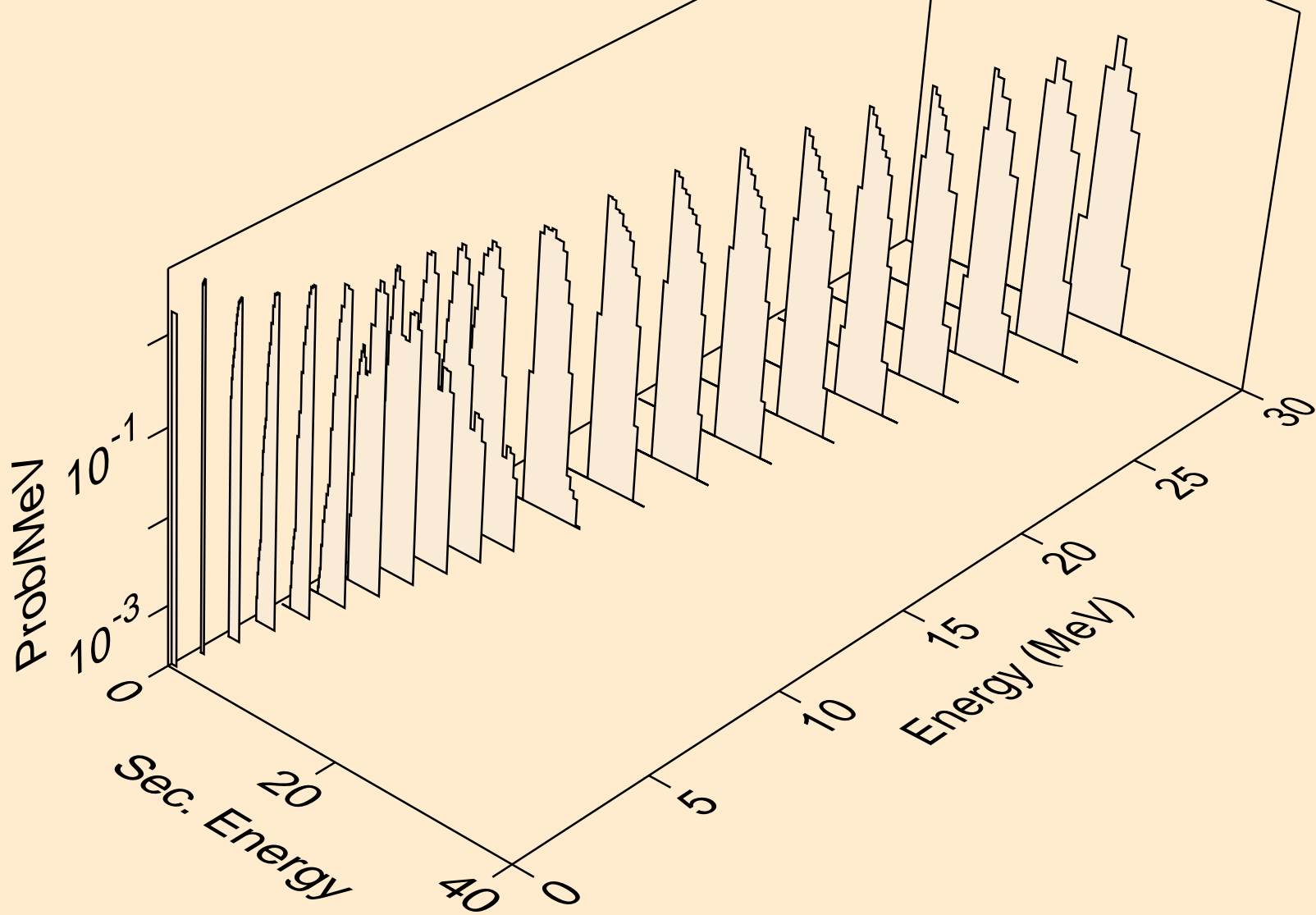
S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,n\*)2a



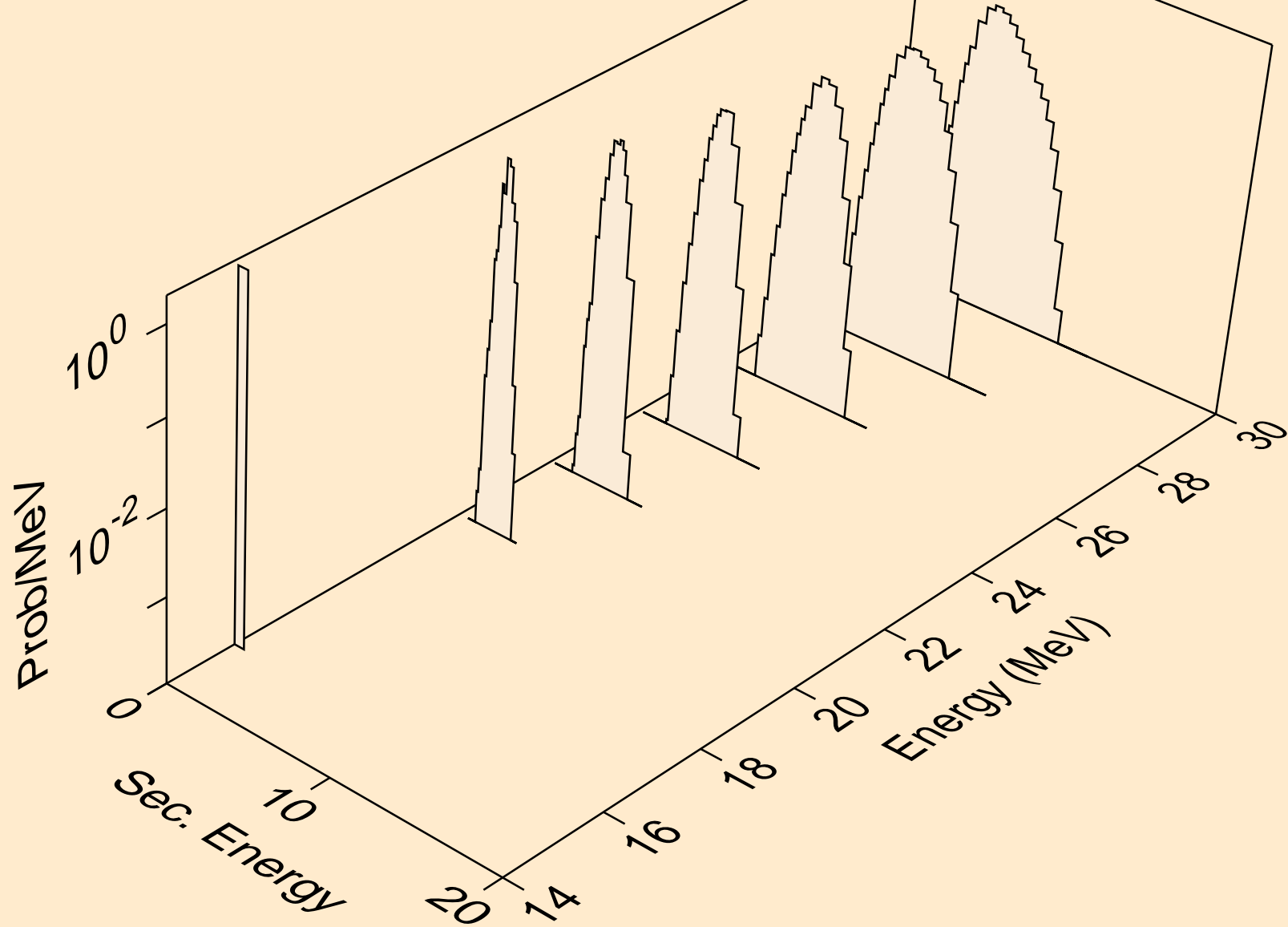
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alphas from (p,npa)



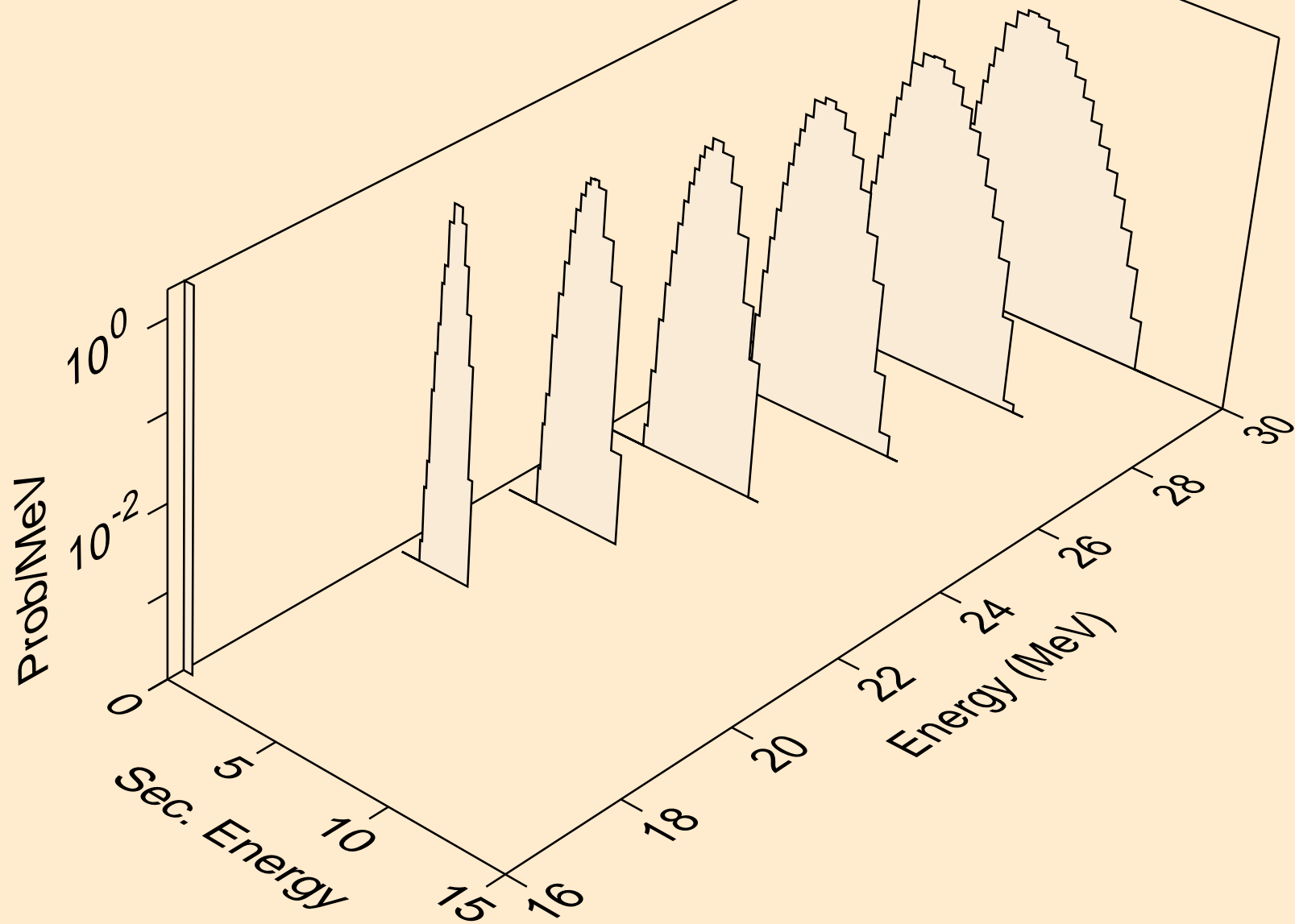
S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,a)



S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,2a)



S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,pa)



S042 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,da)

