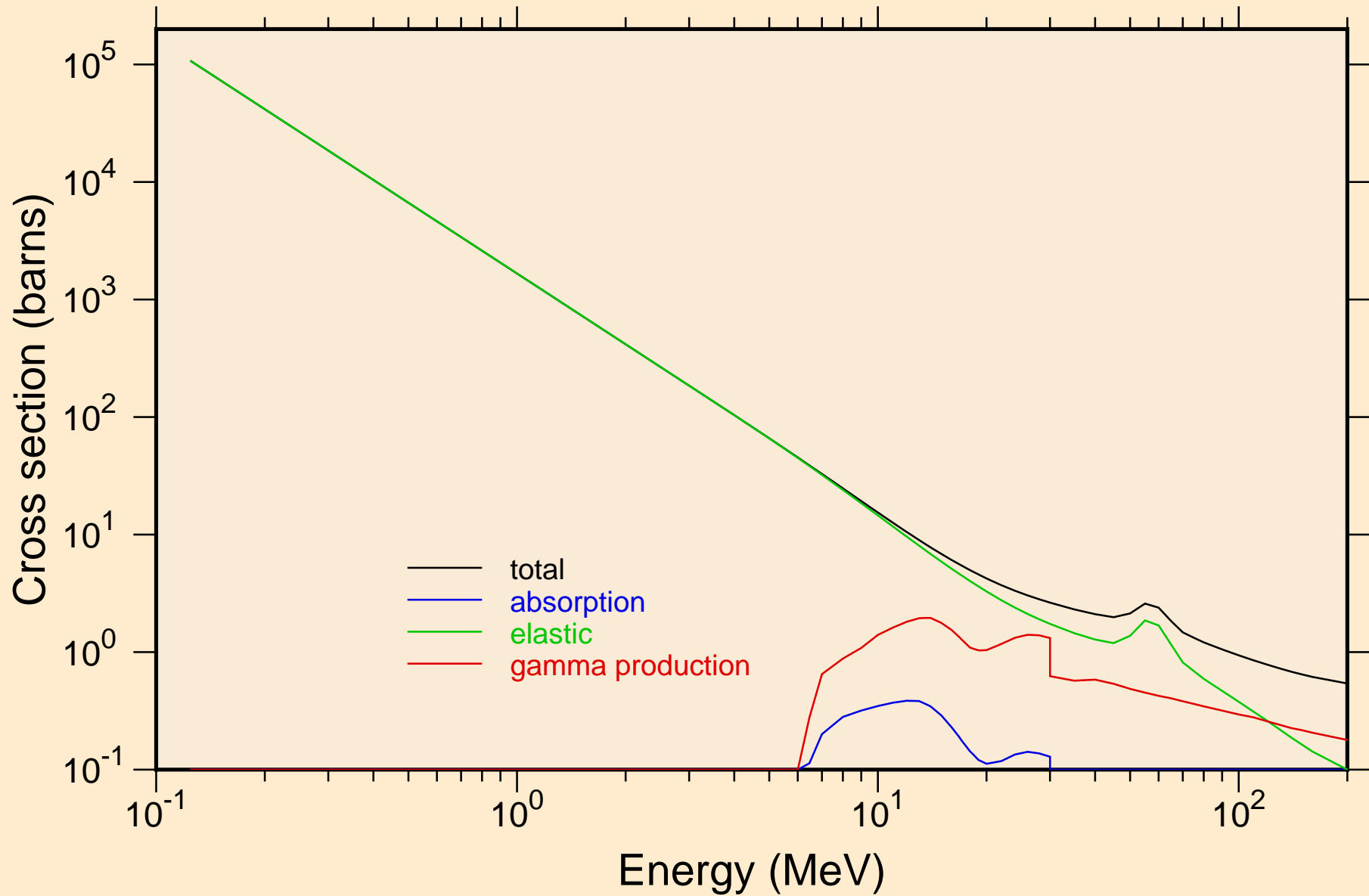


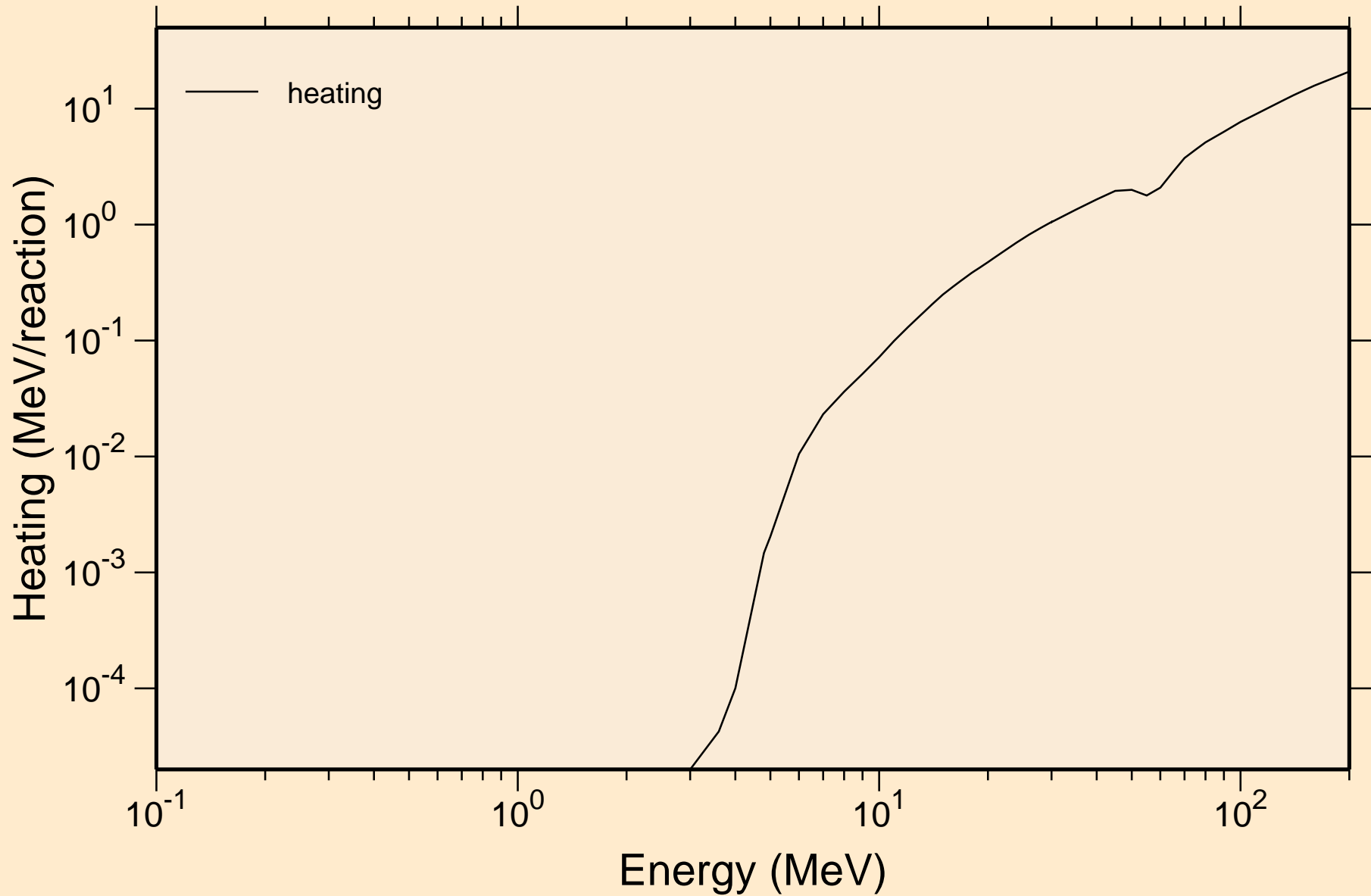
# S034 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



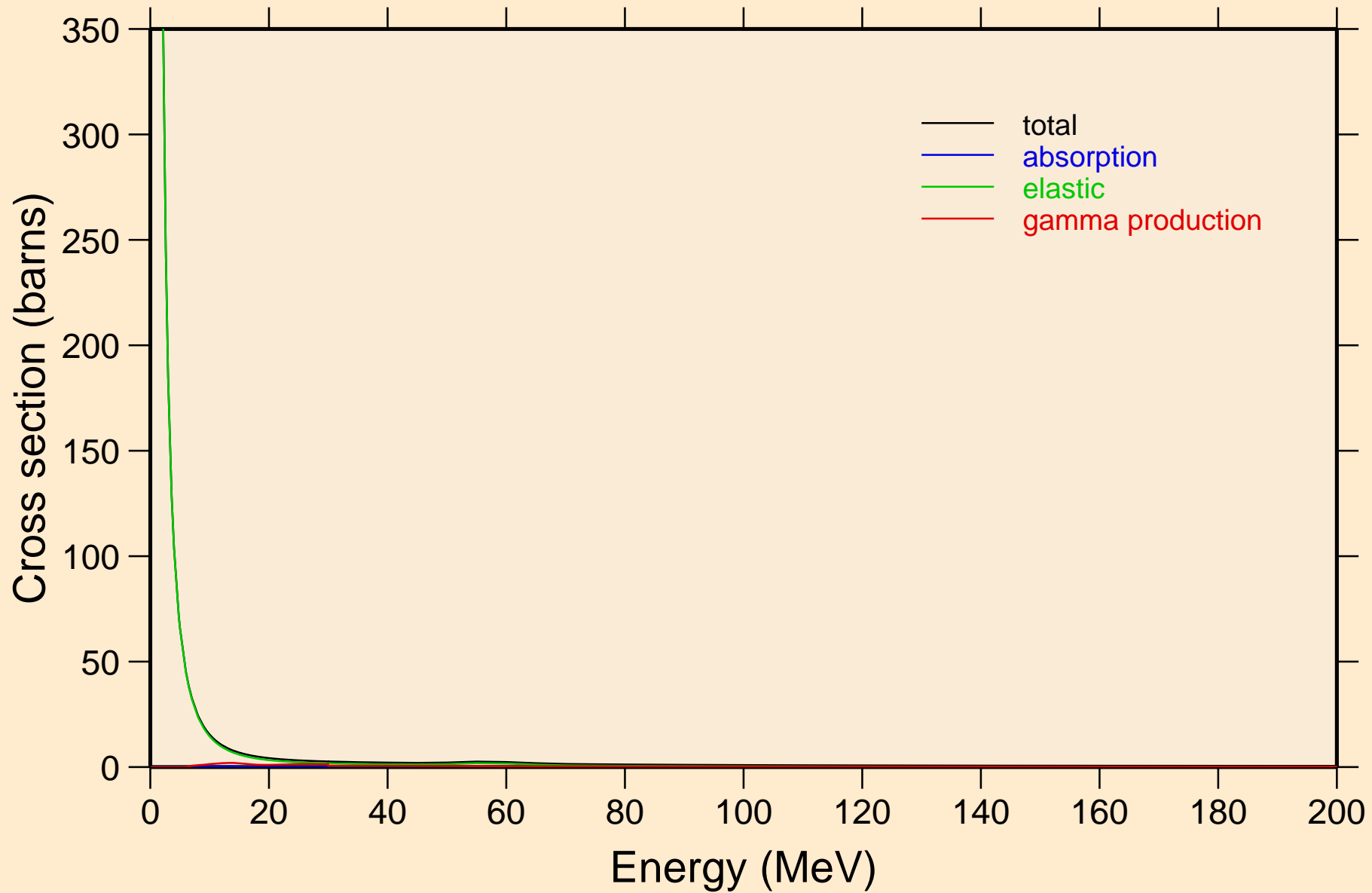
# S034 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



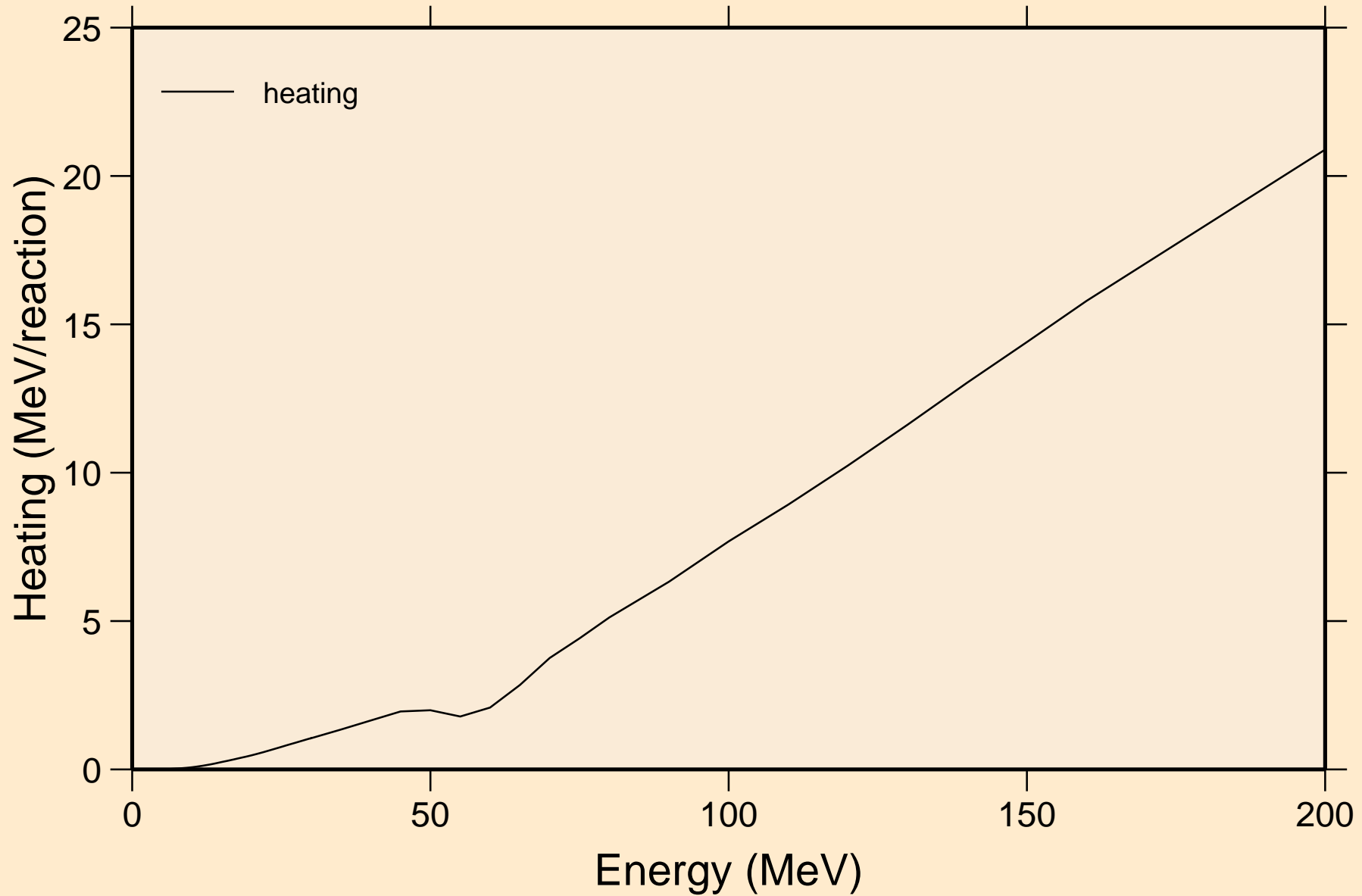
# S034 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

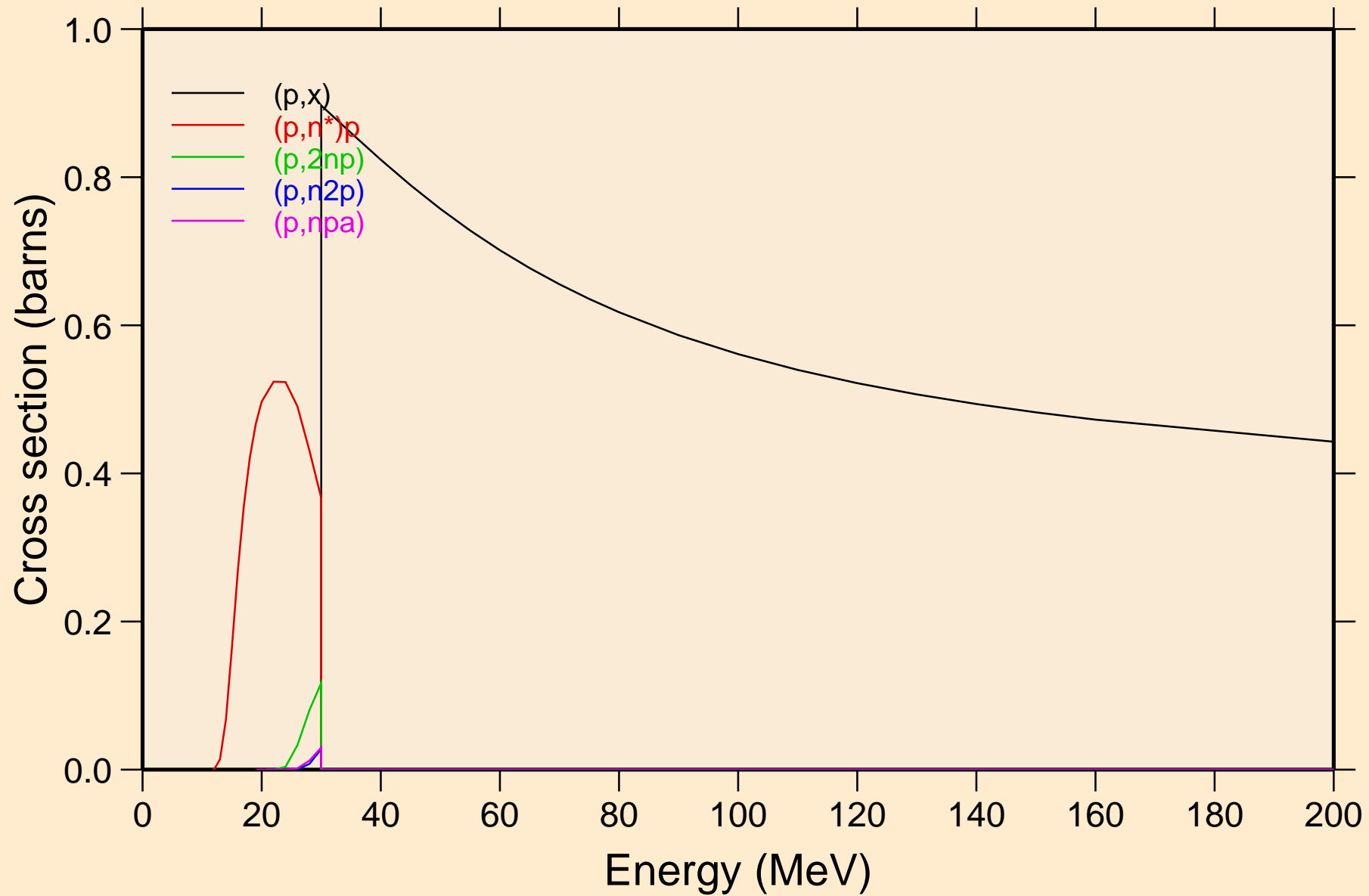


# S034 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating

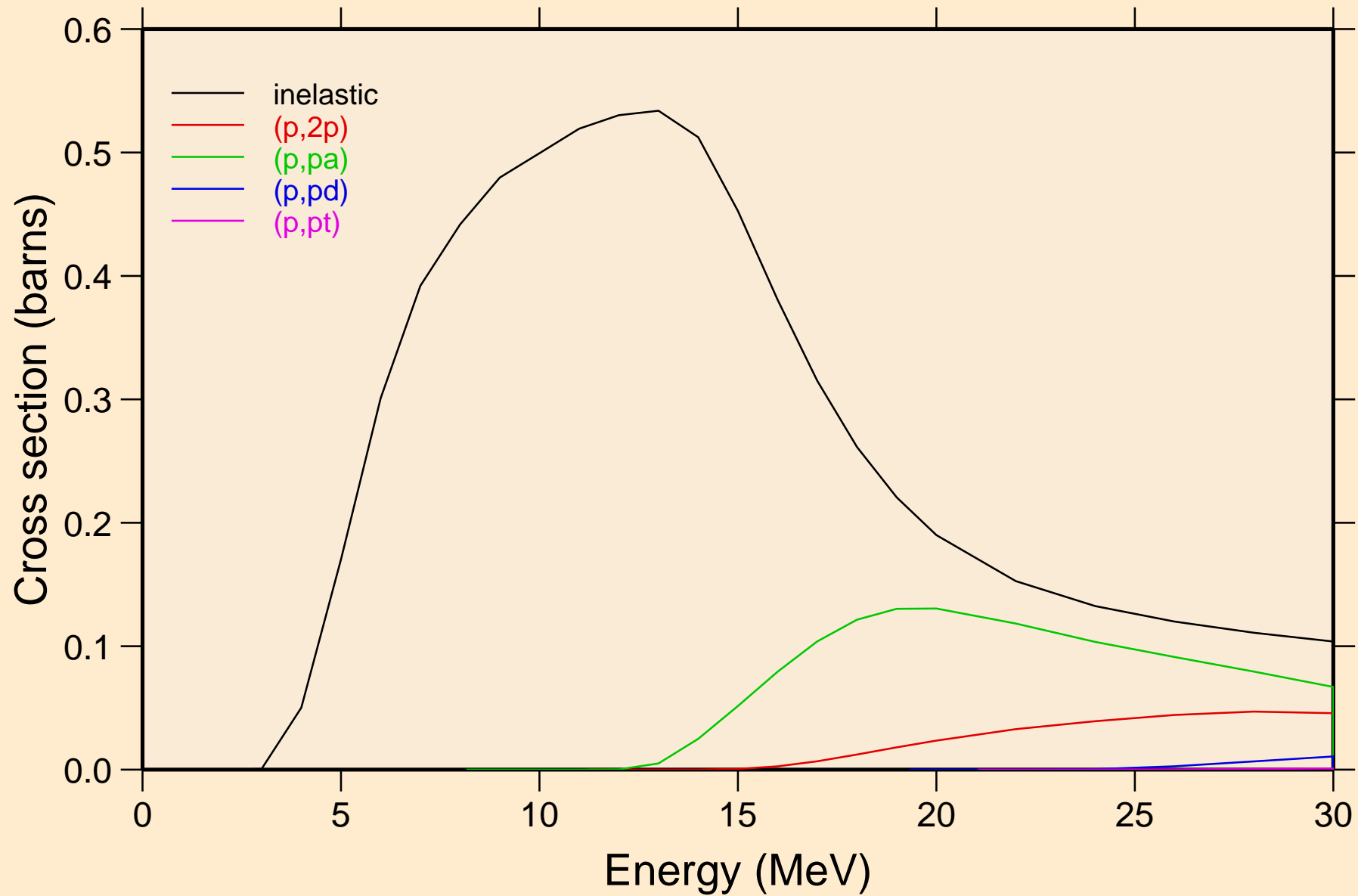


S034 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

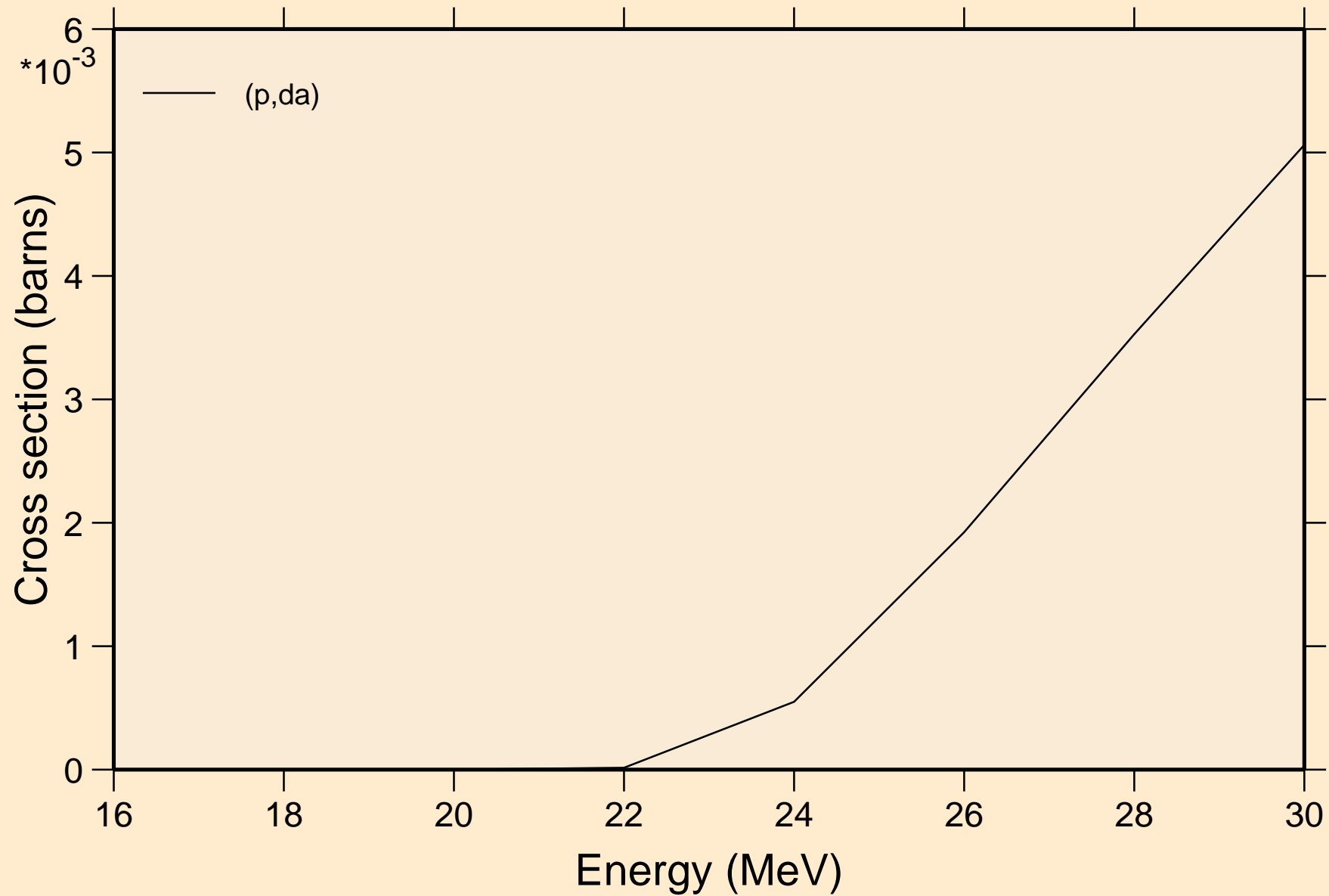


# S034 PROTON ACER TENDL-2023 LIBRARY; T=0.K

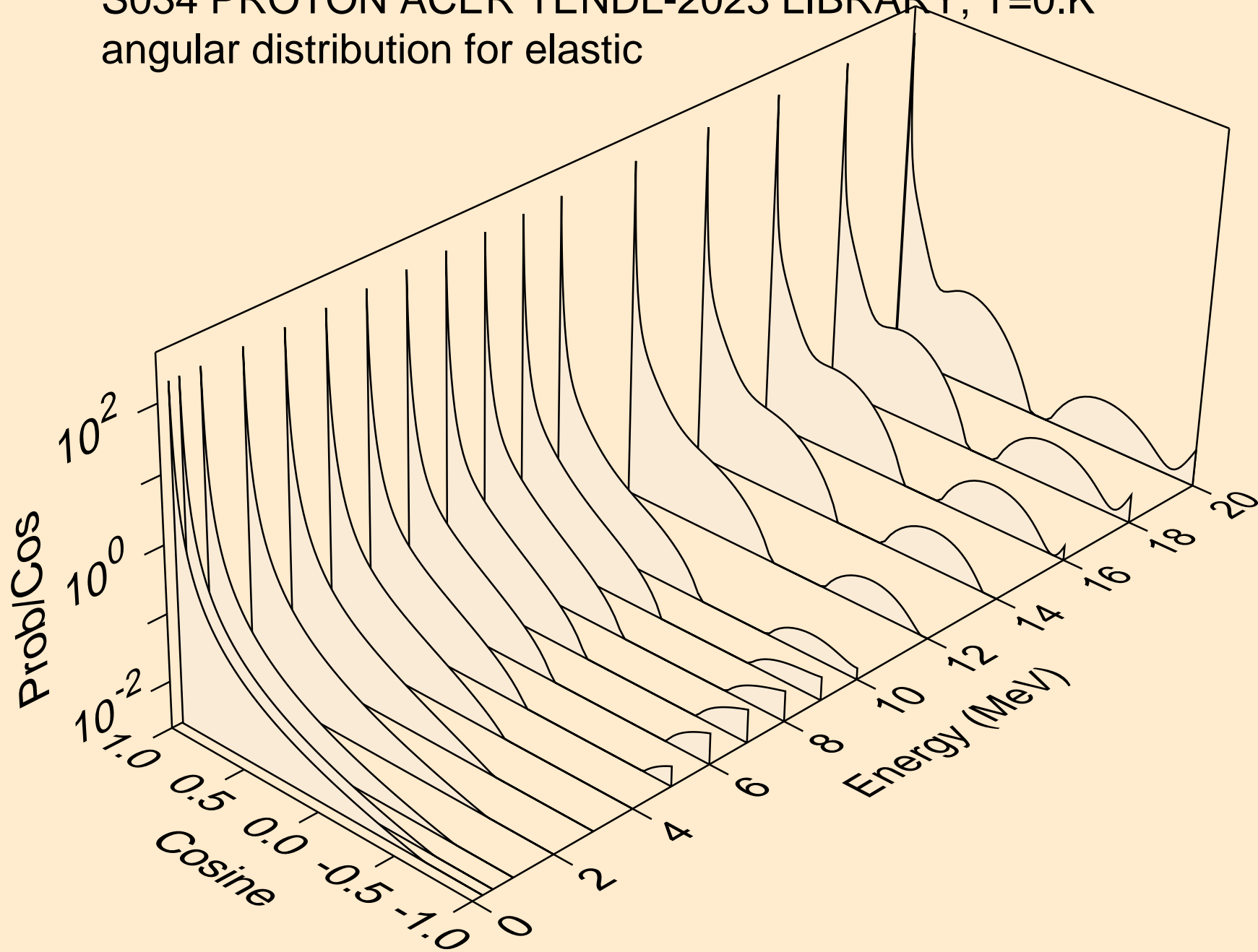
## Threshold reactions



S034 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

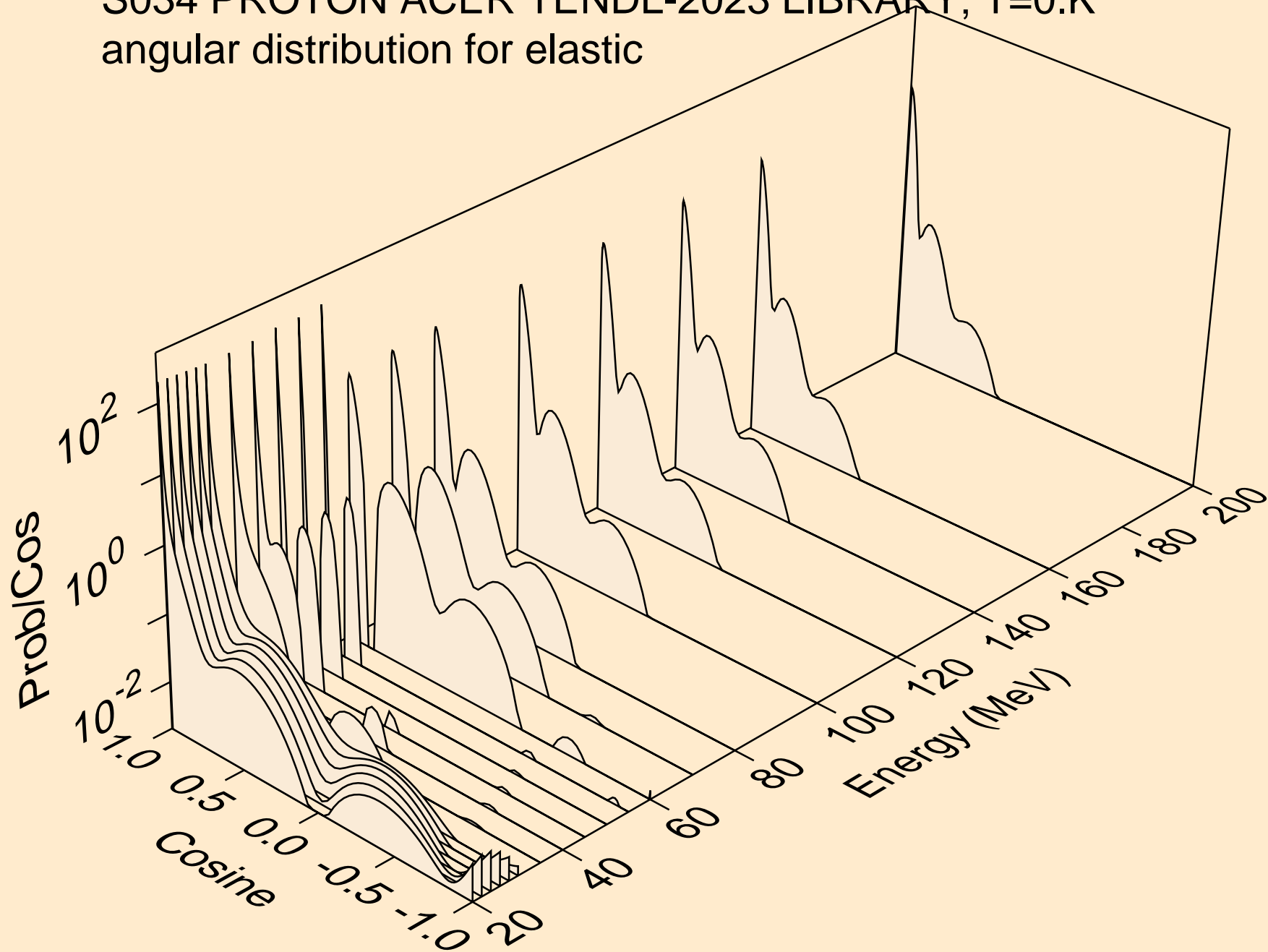


S034 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

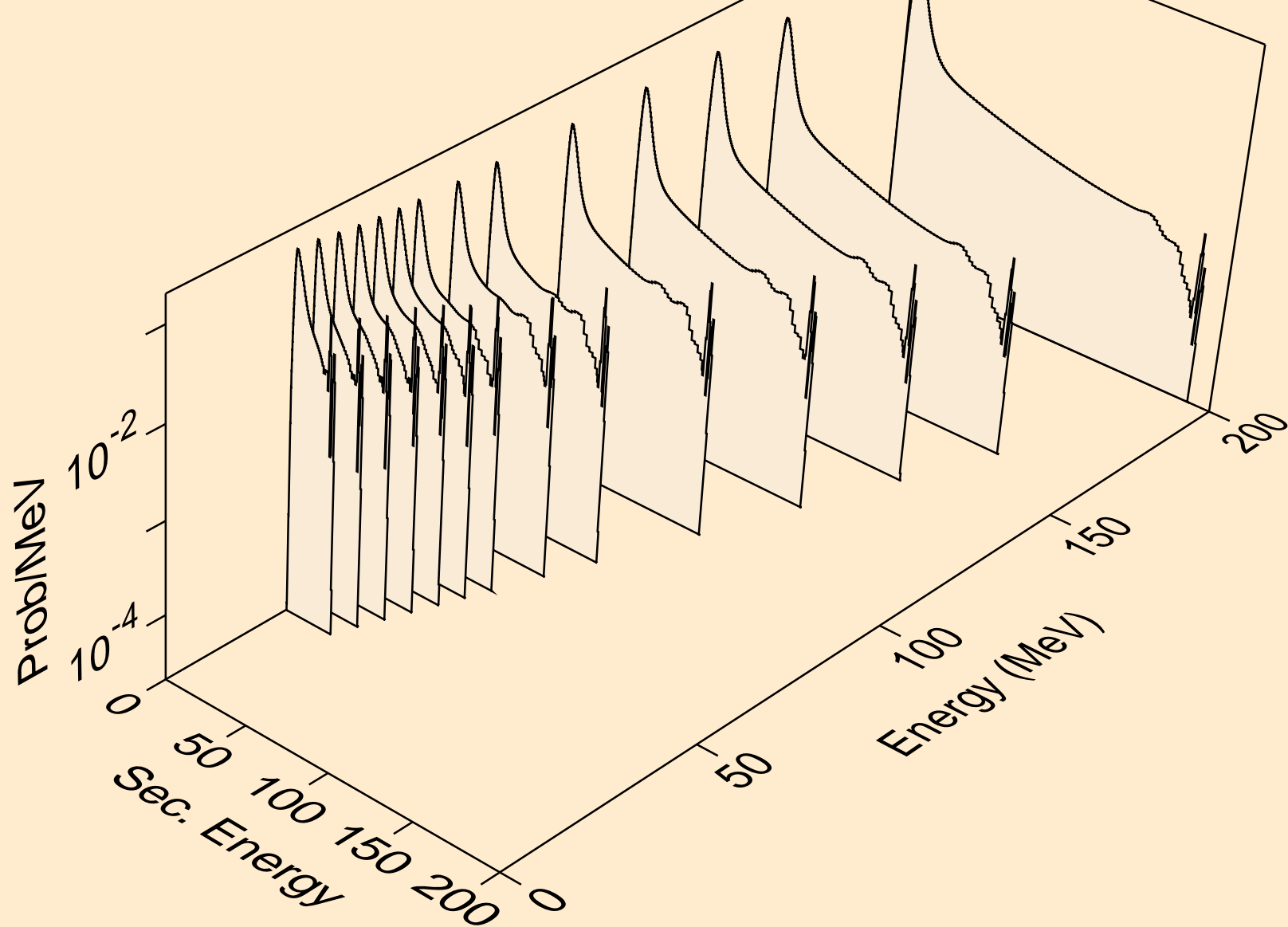




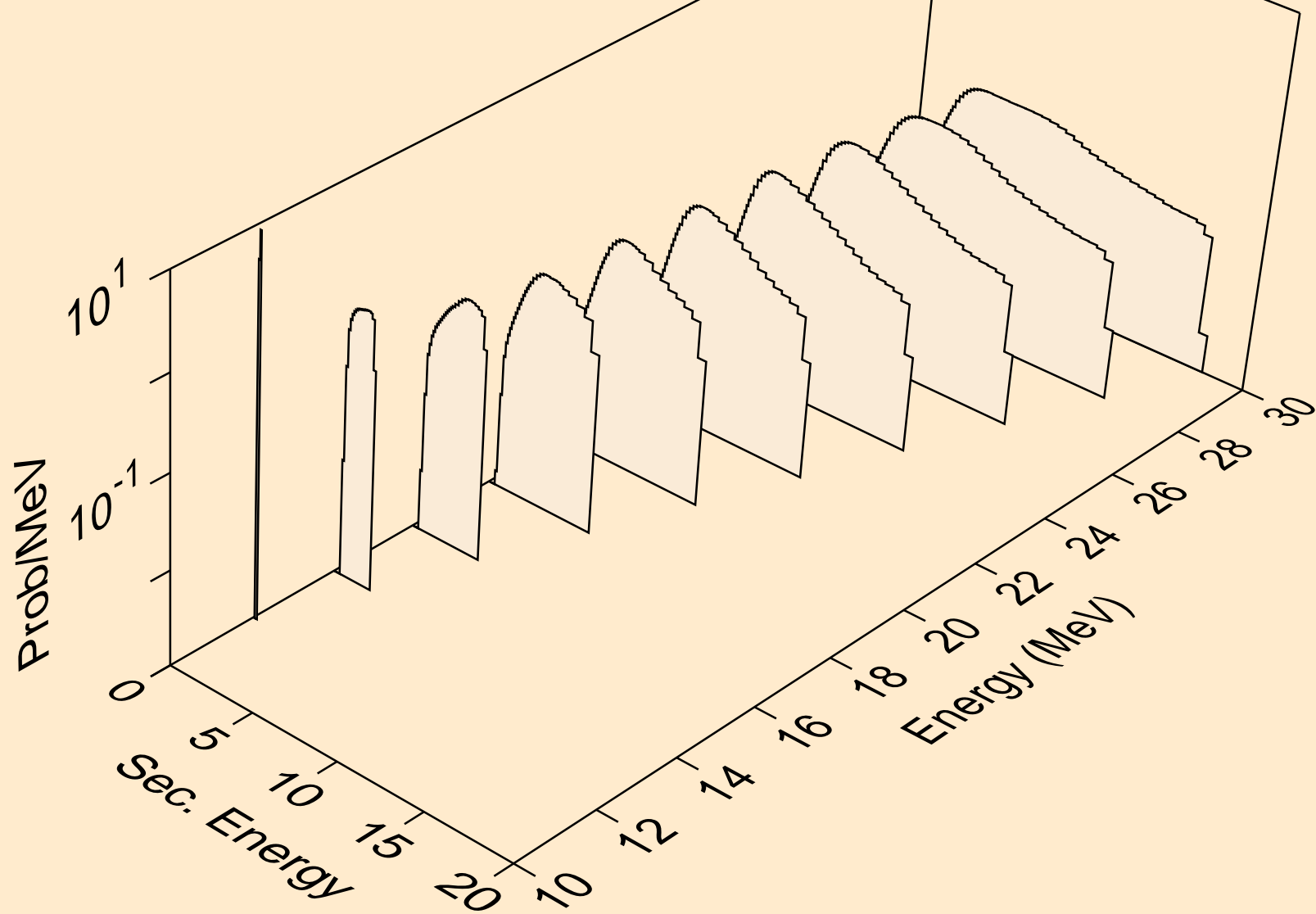
S034 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



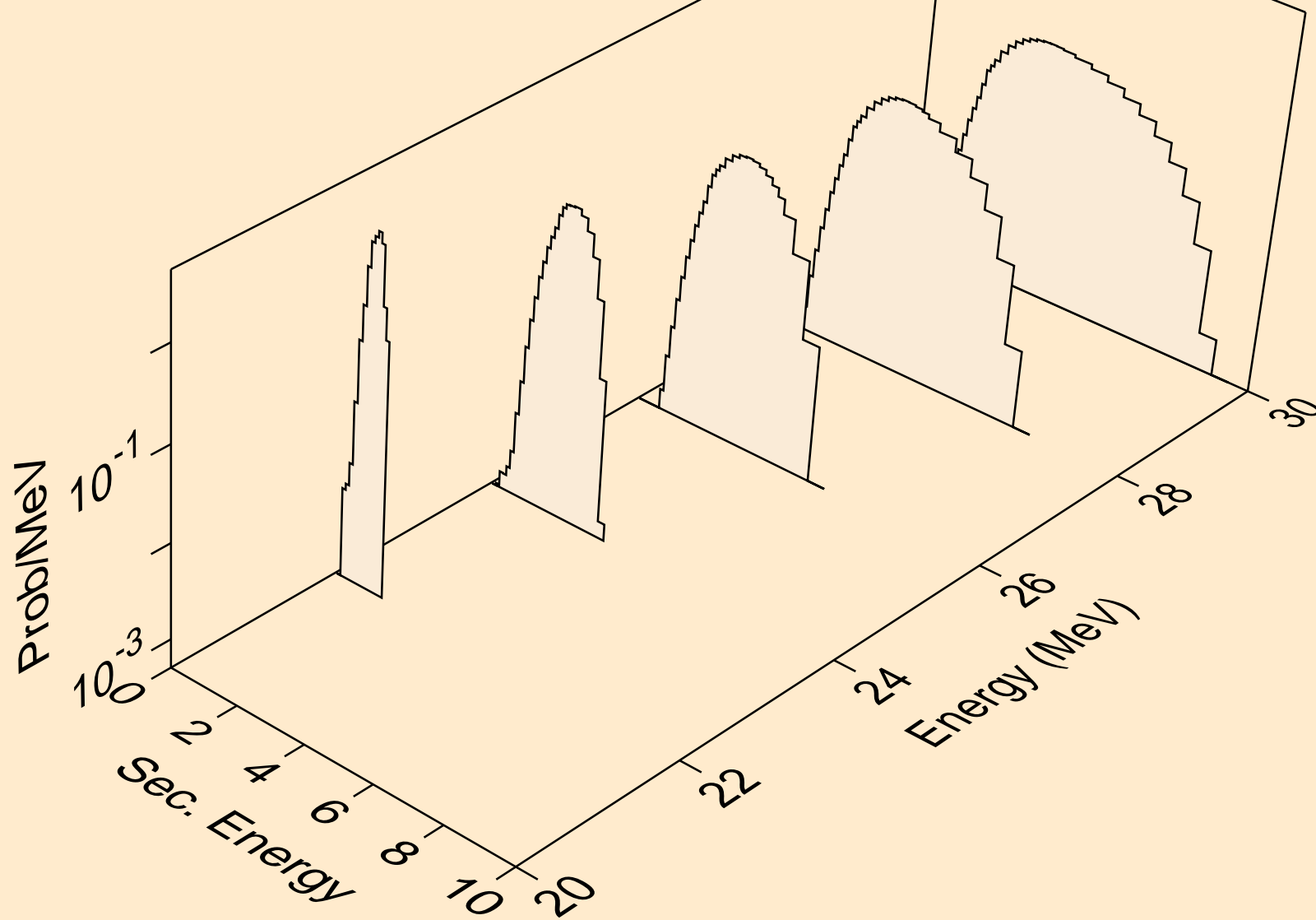
S034 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



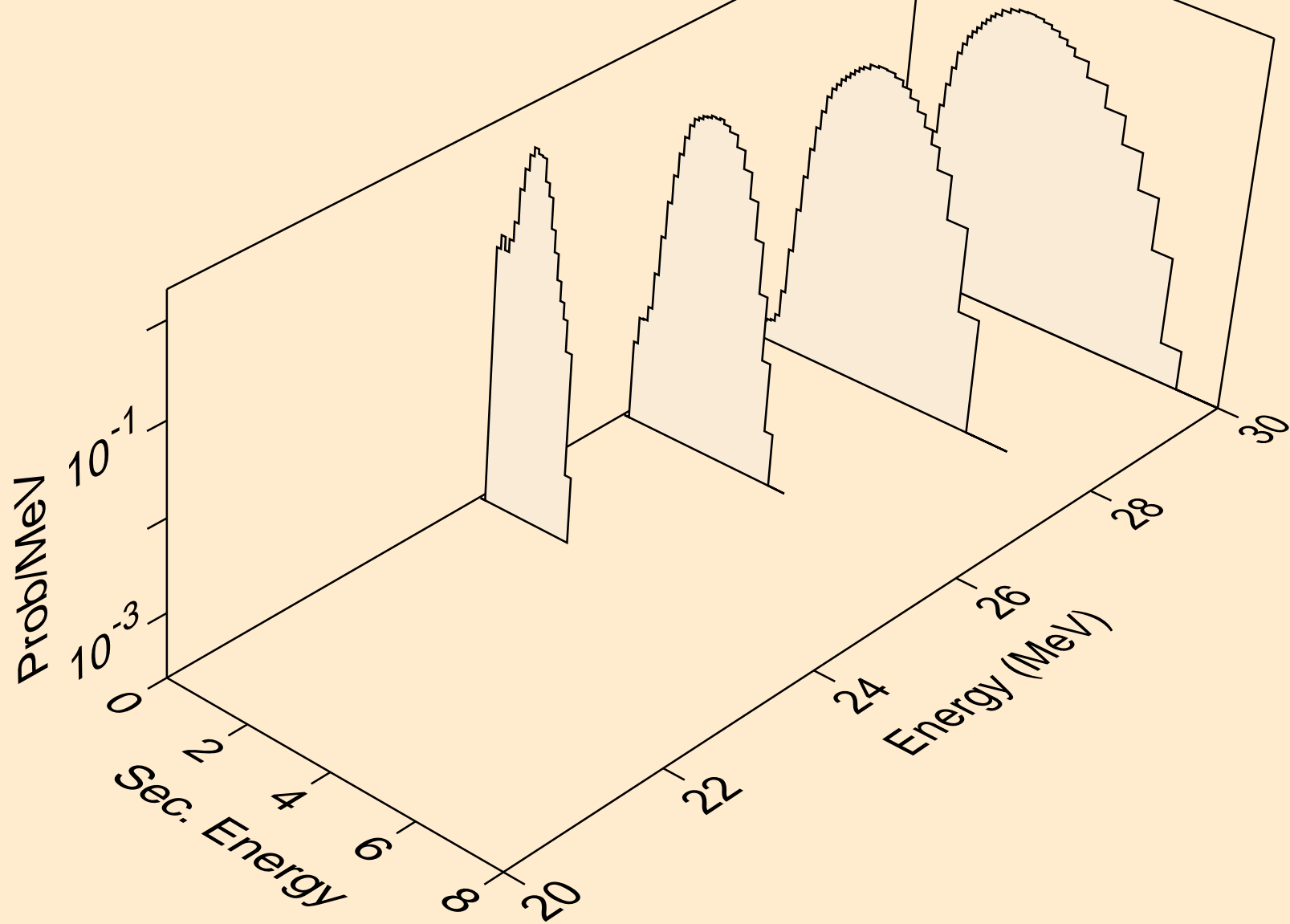
S034 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



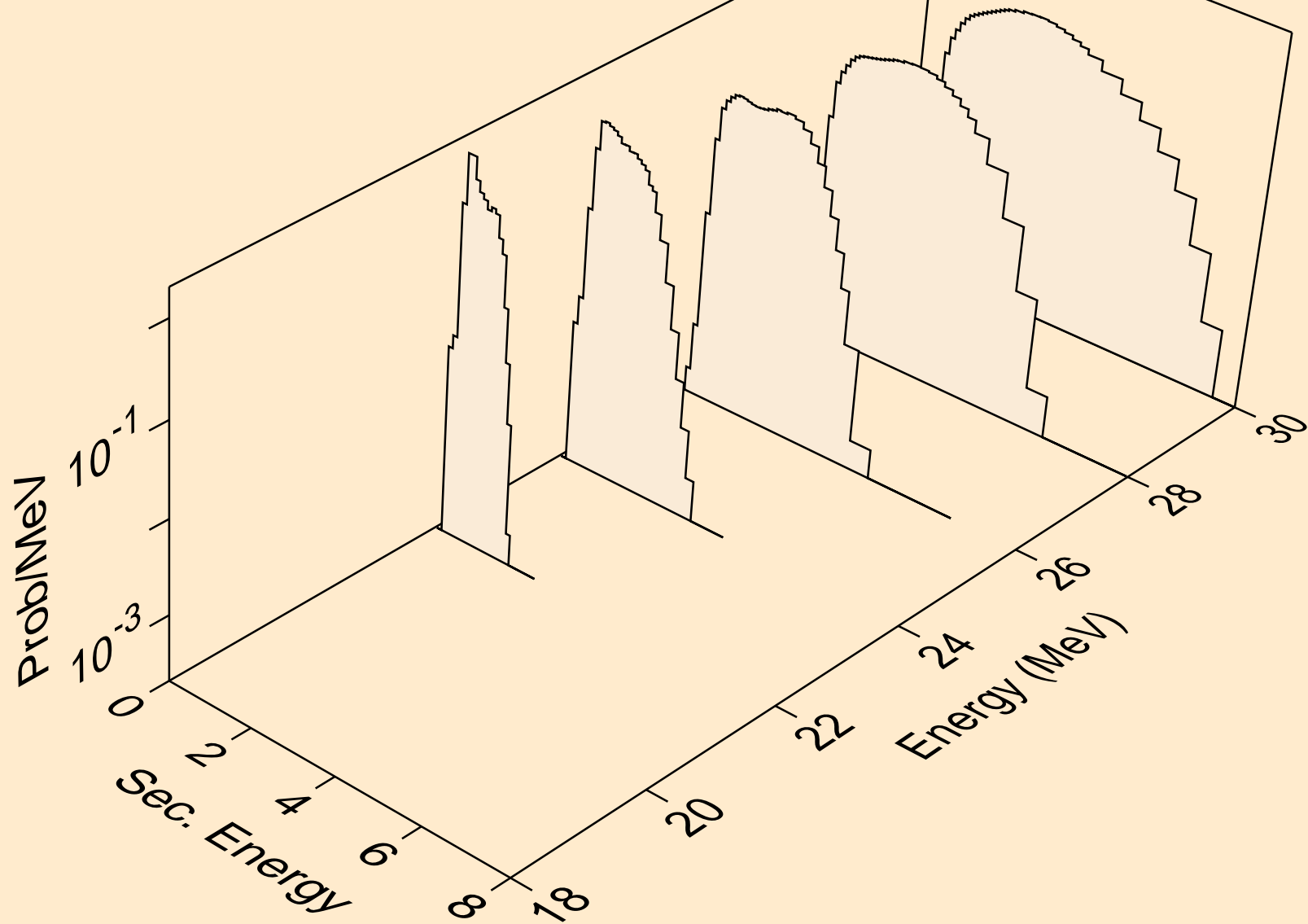
S034 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



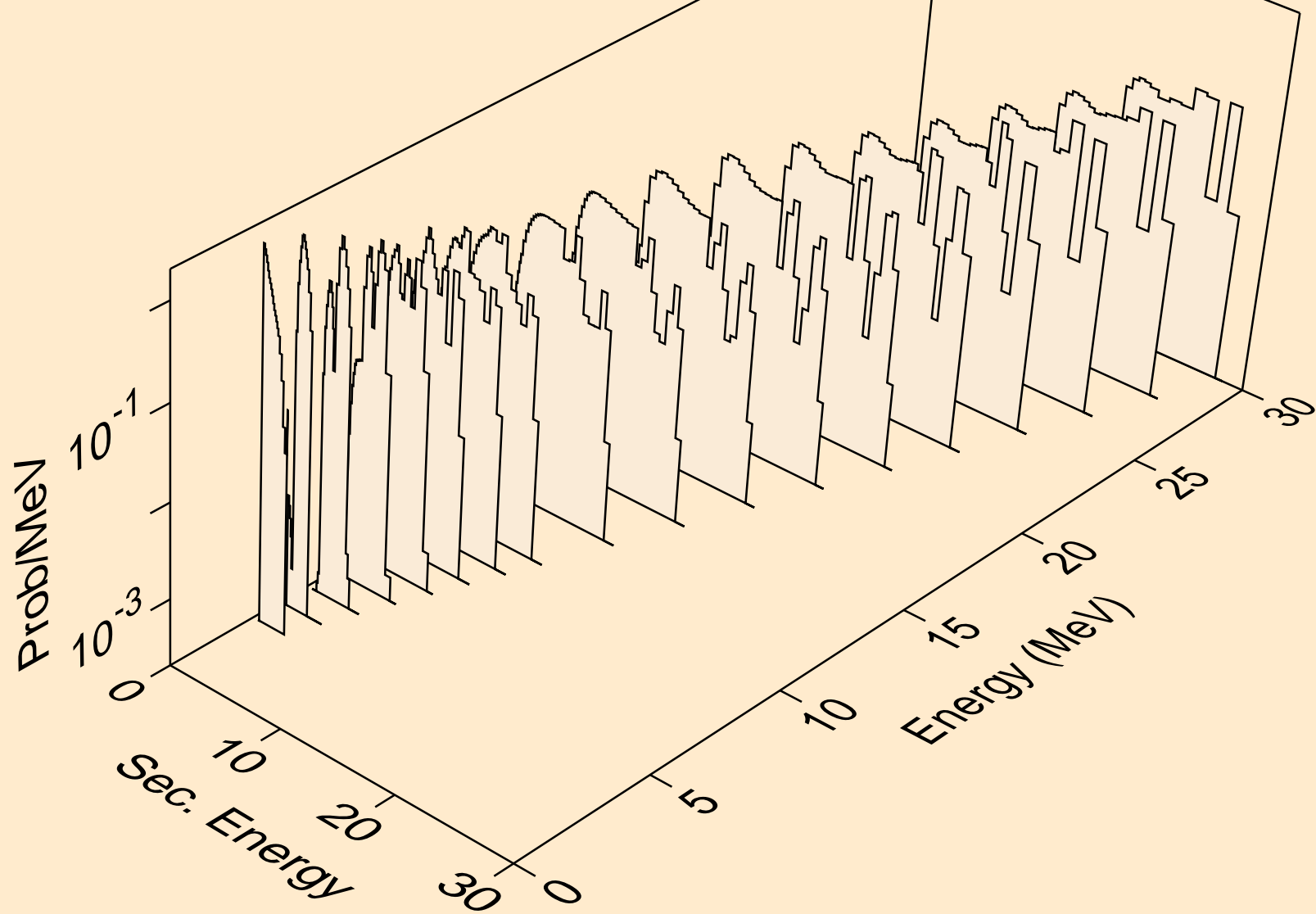
S034 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)



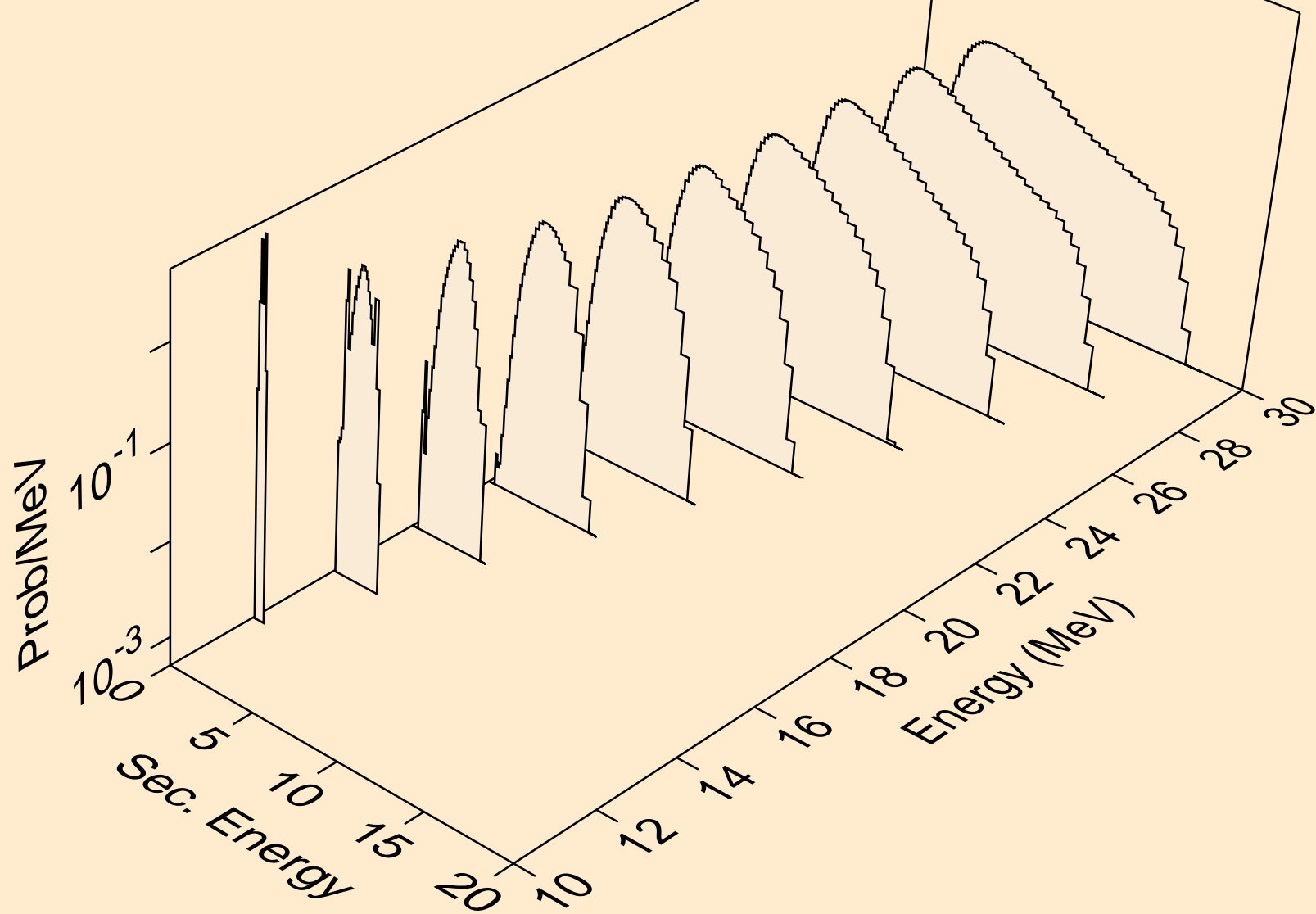
S034 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,npa)



S034 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

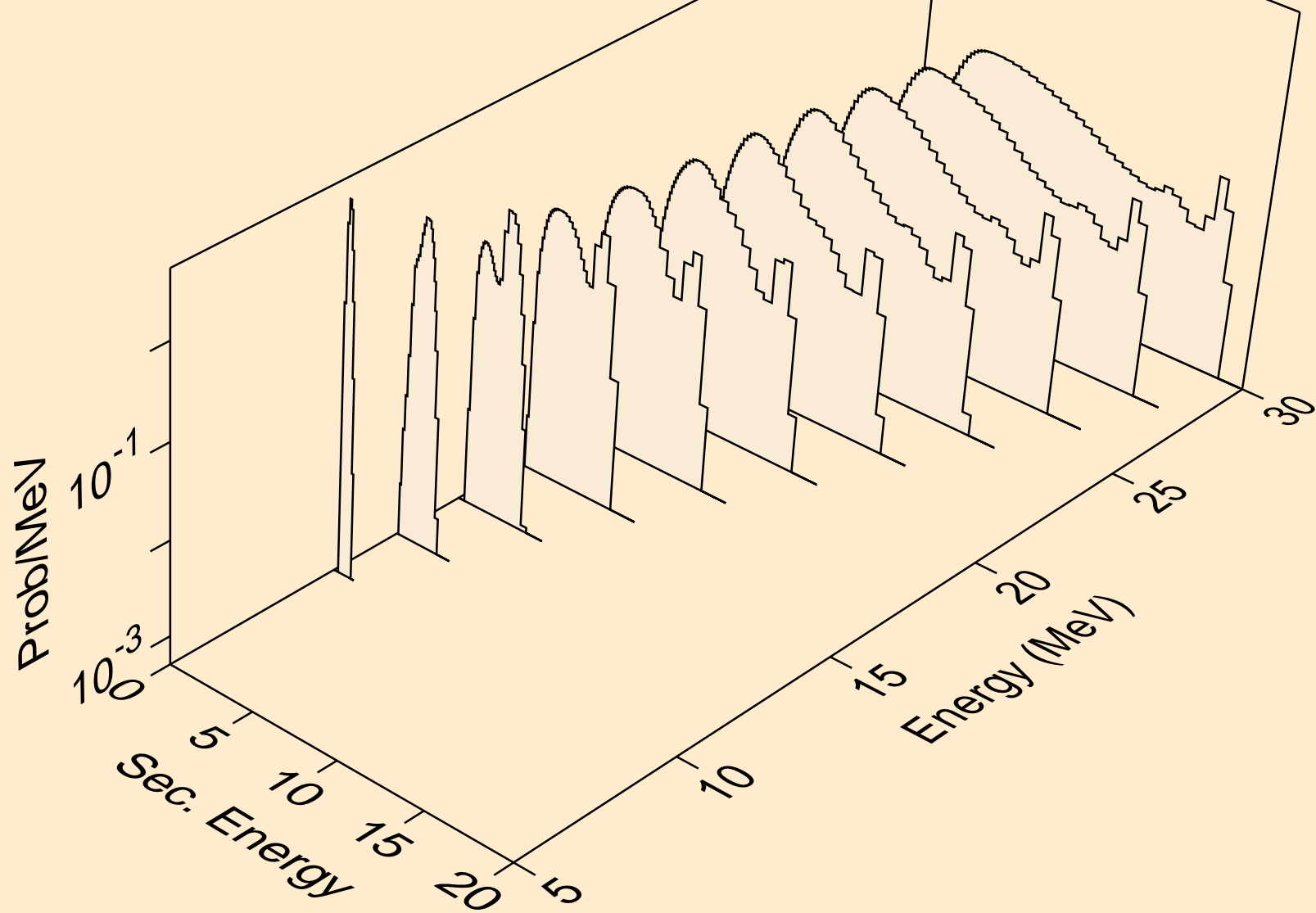


S034 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)

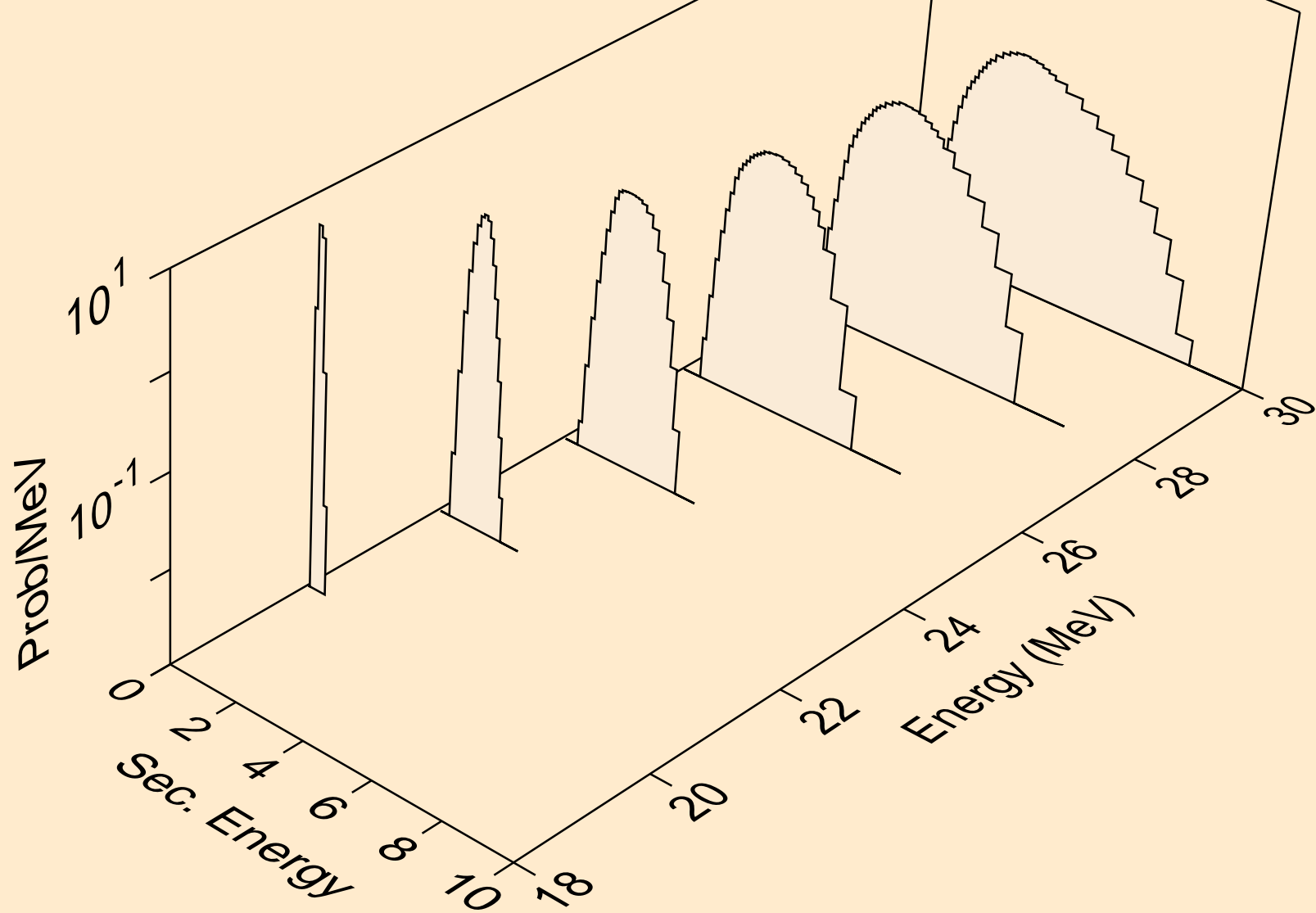




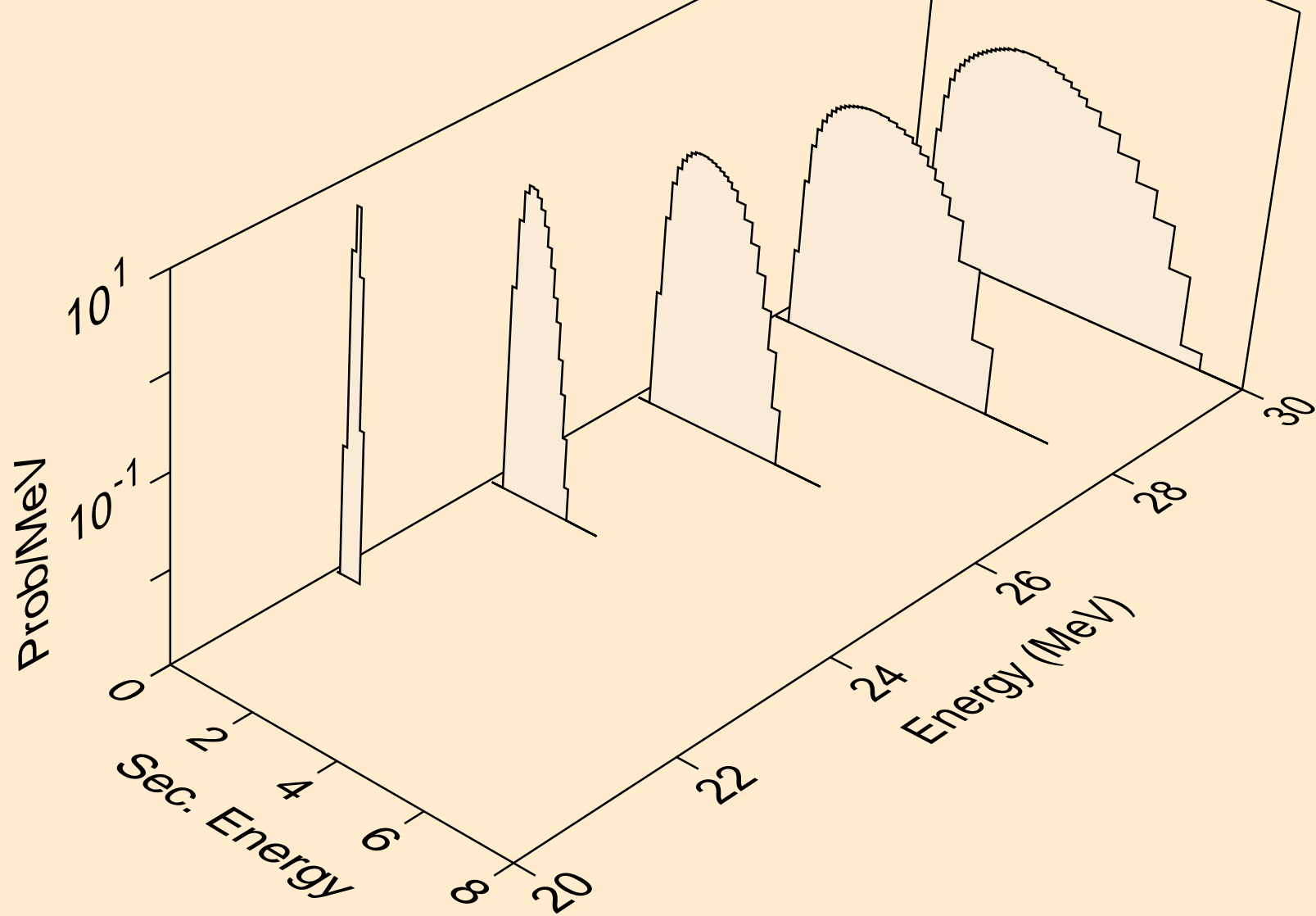
S034 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pa)



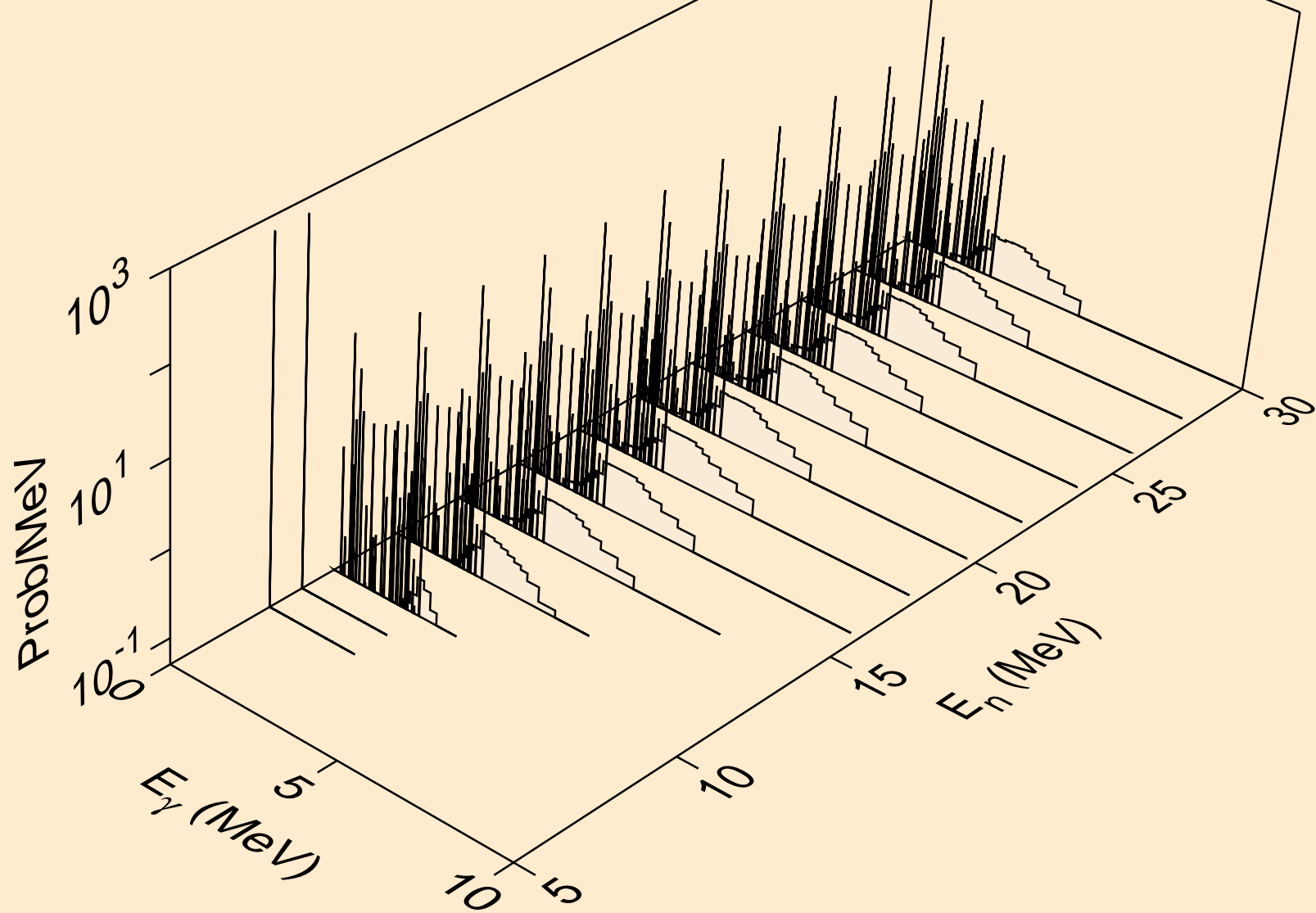
S034 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pd)



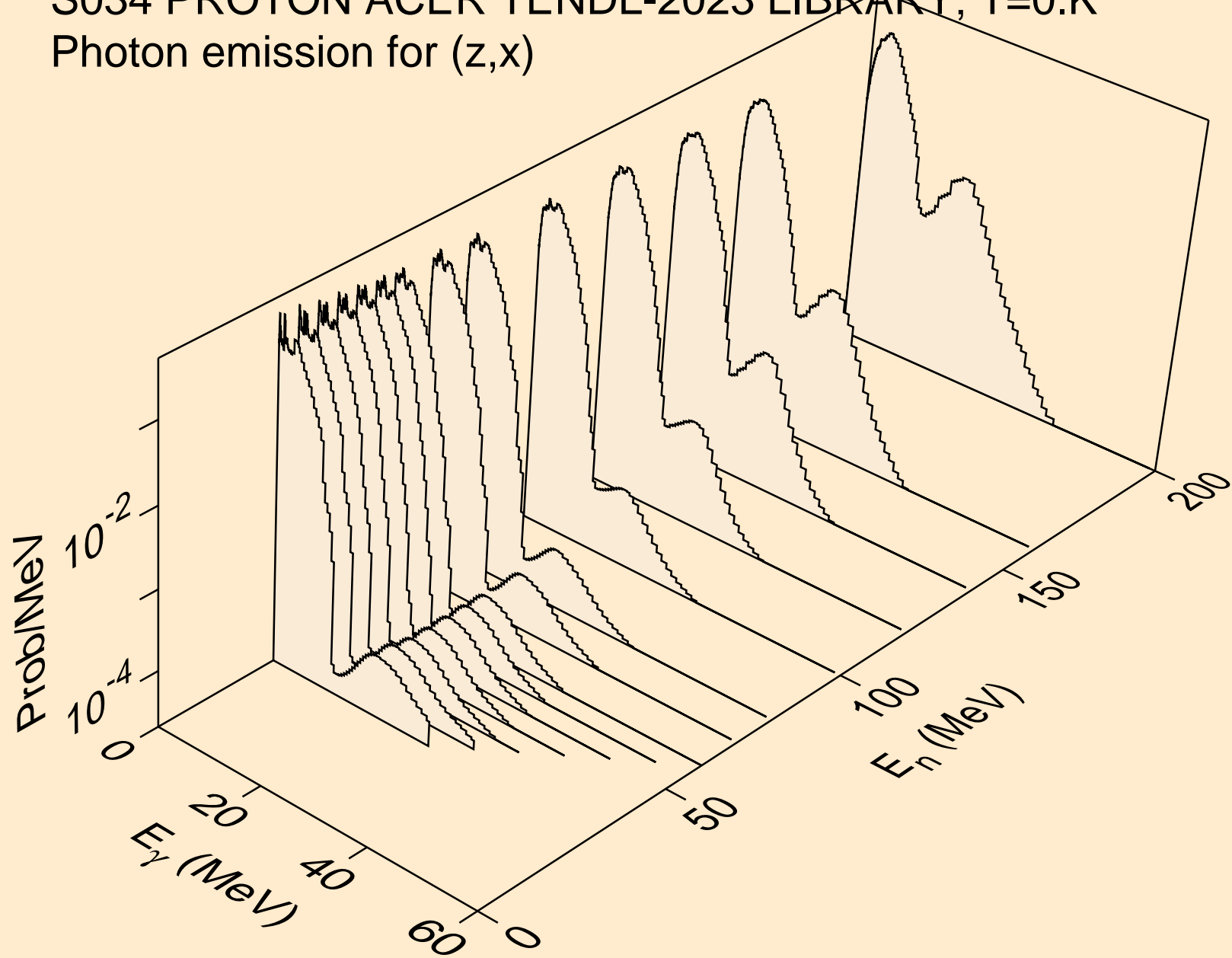
S034 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pt)



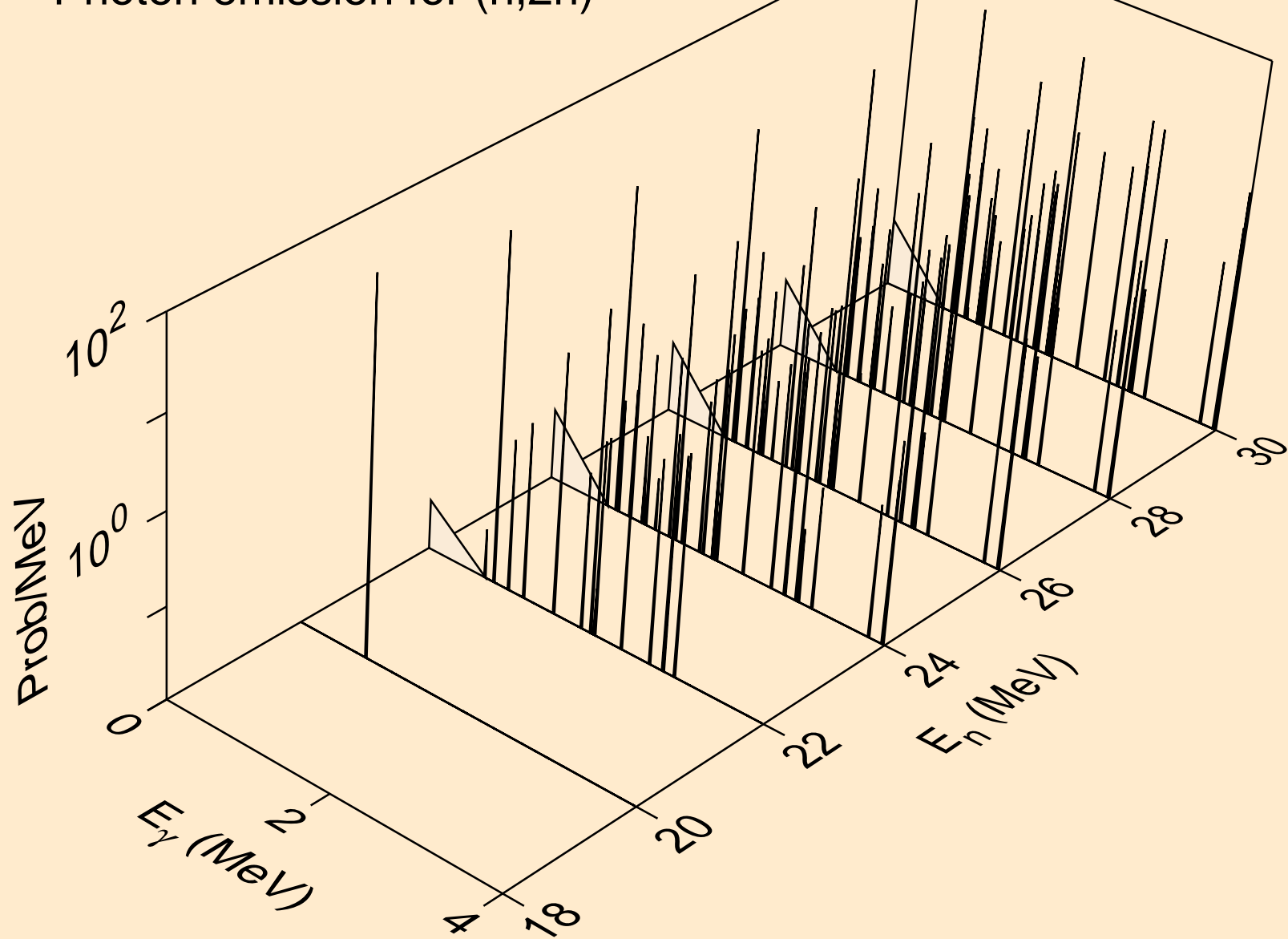
S034 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



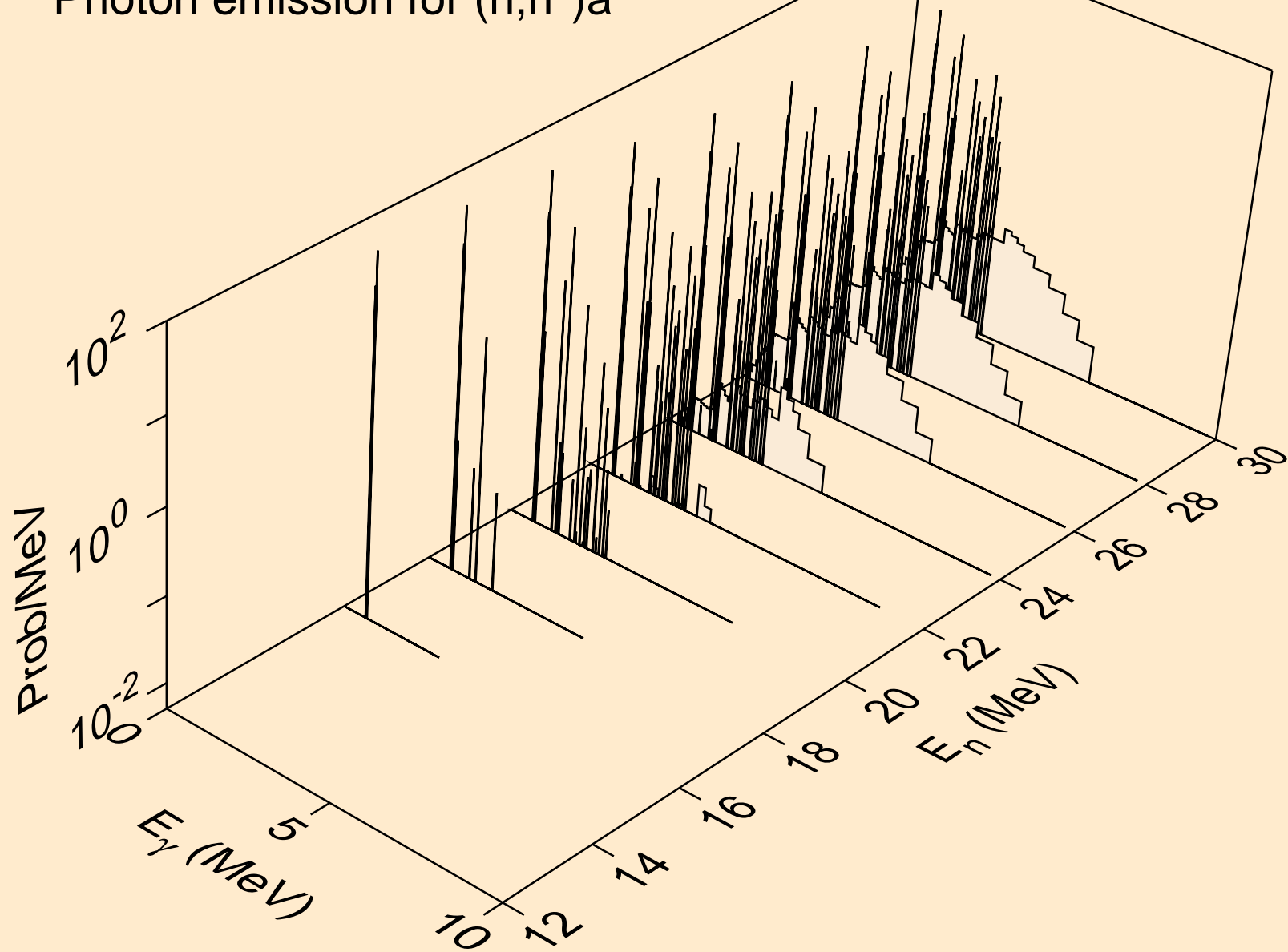
S034 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



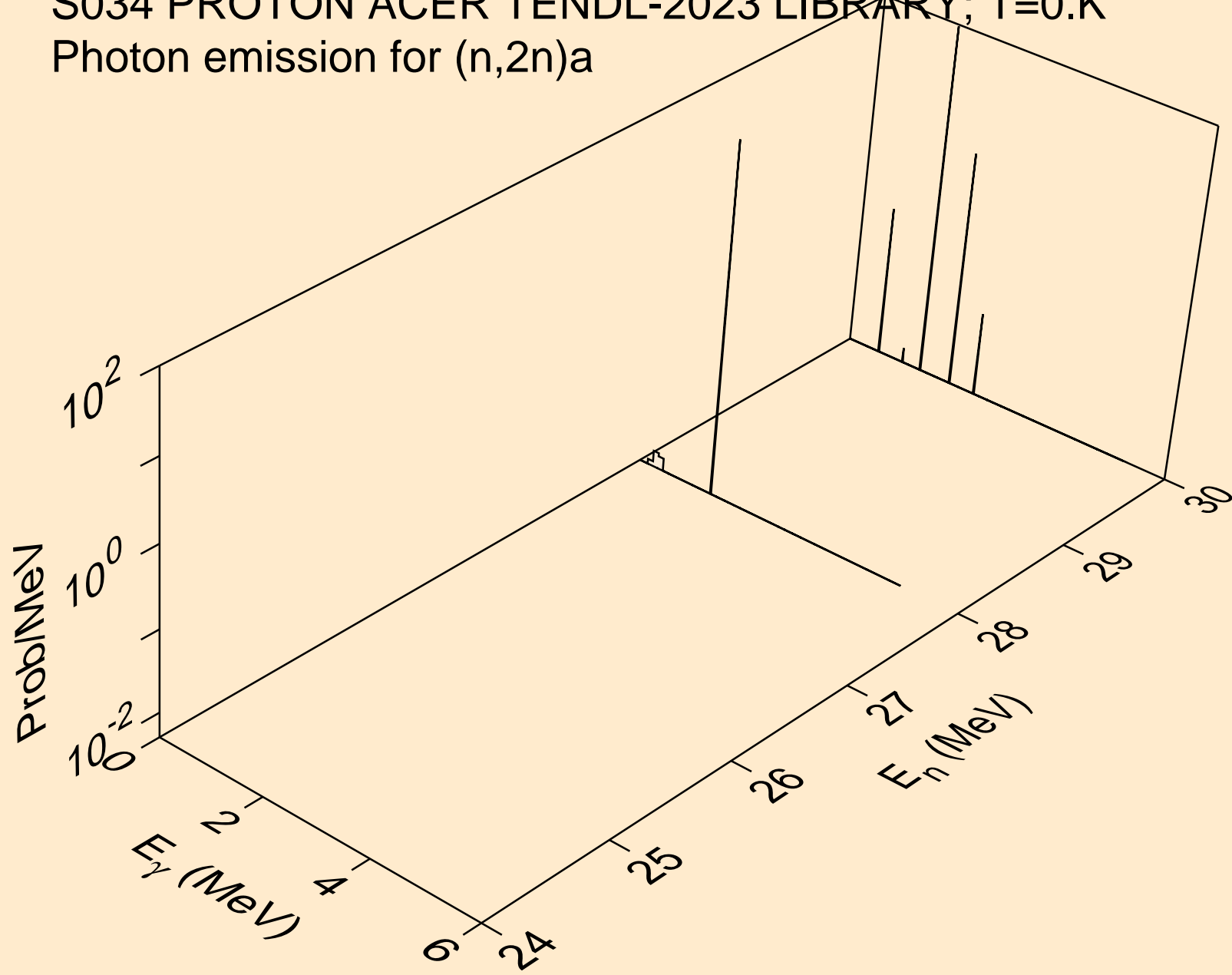
S034 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



S034 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

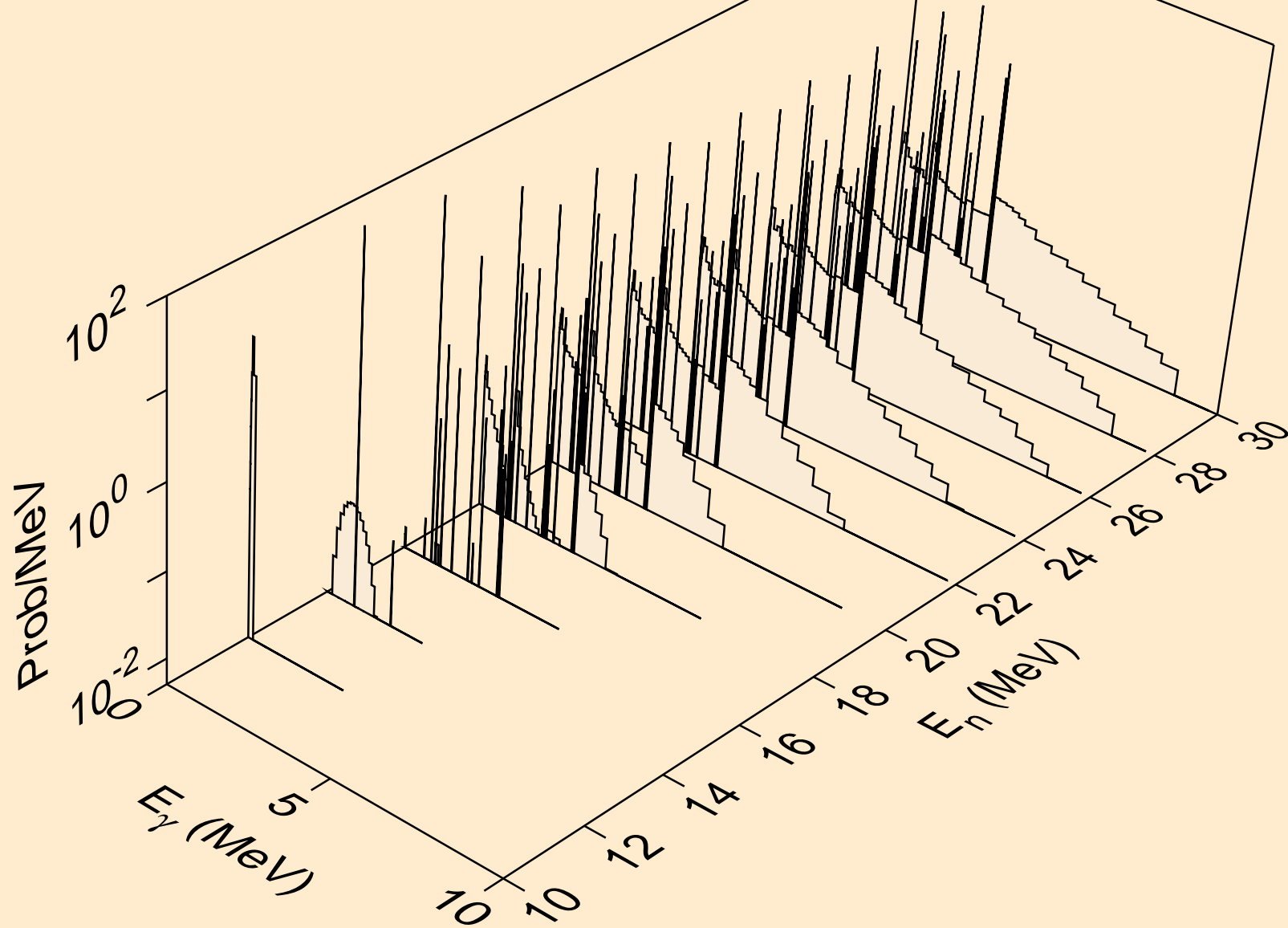


S034 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

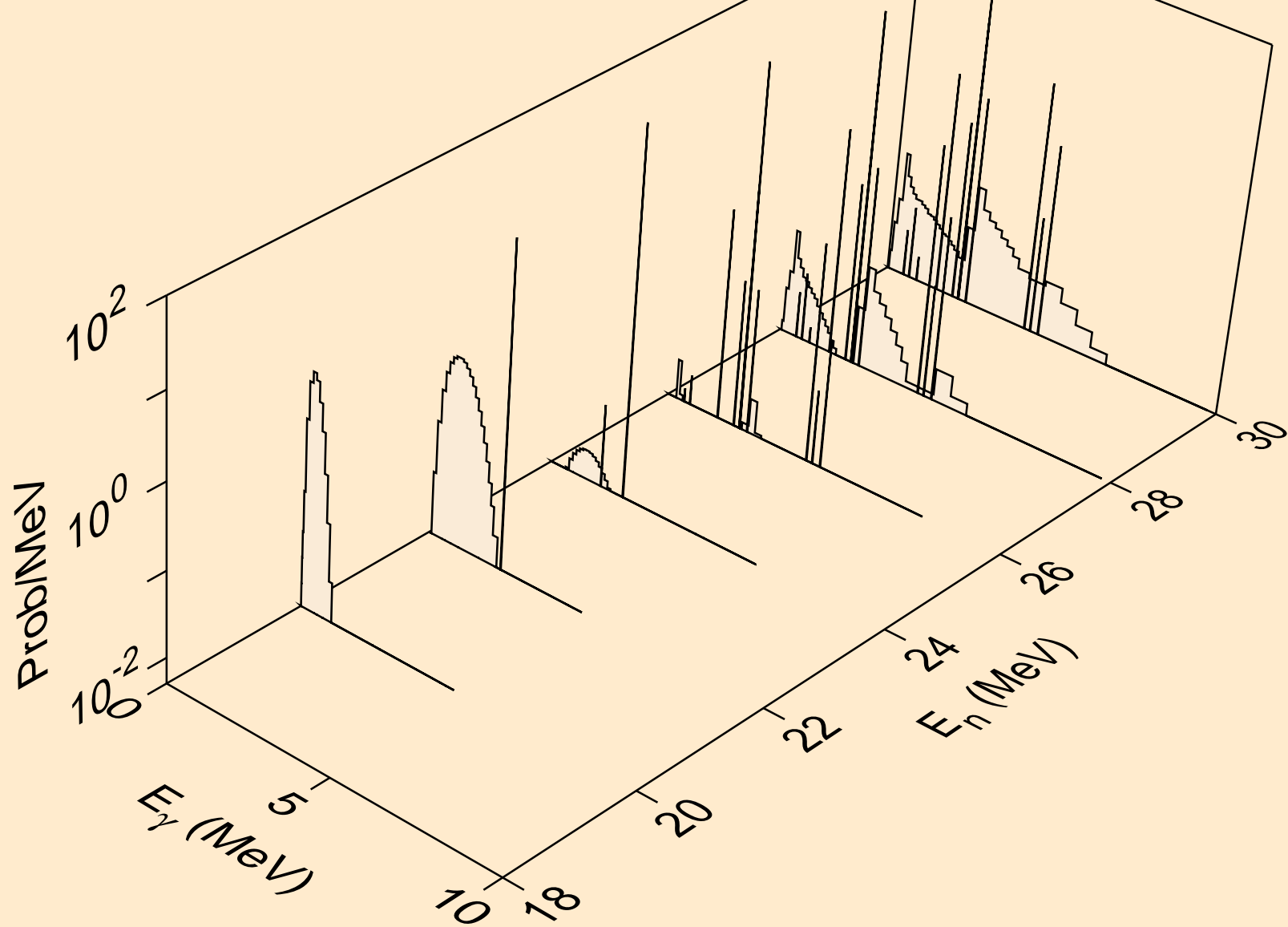




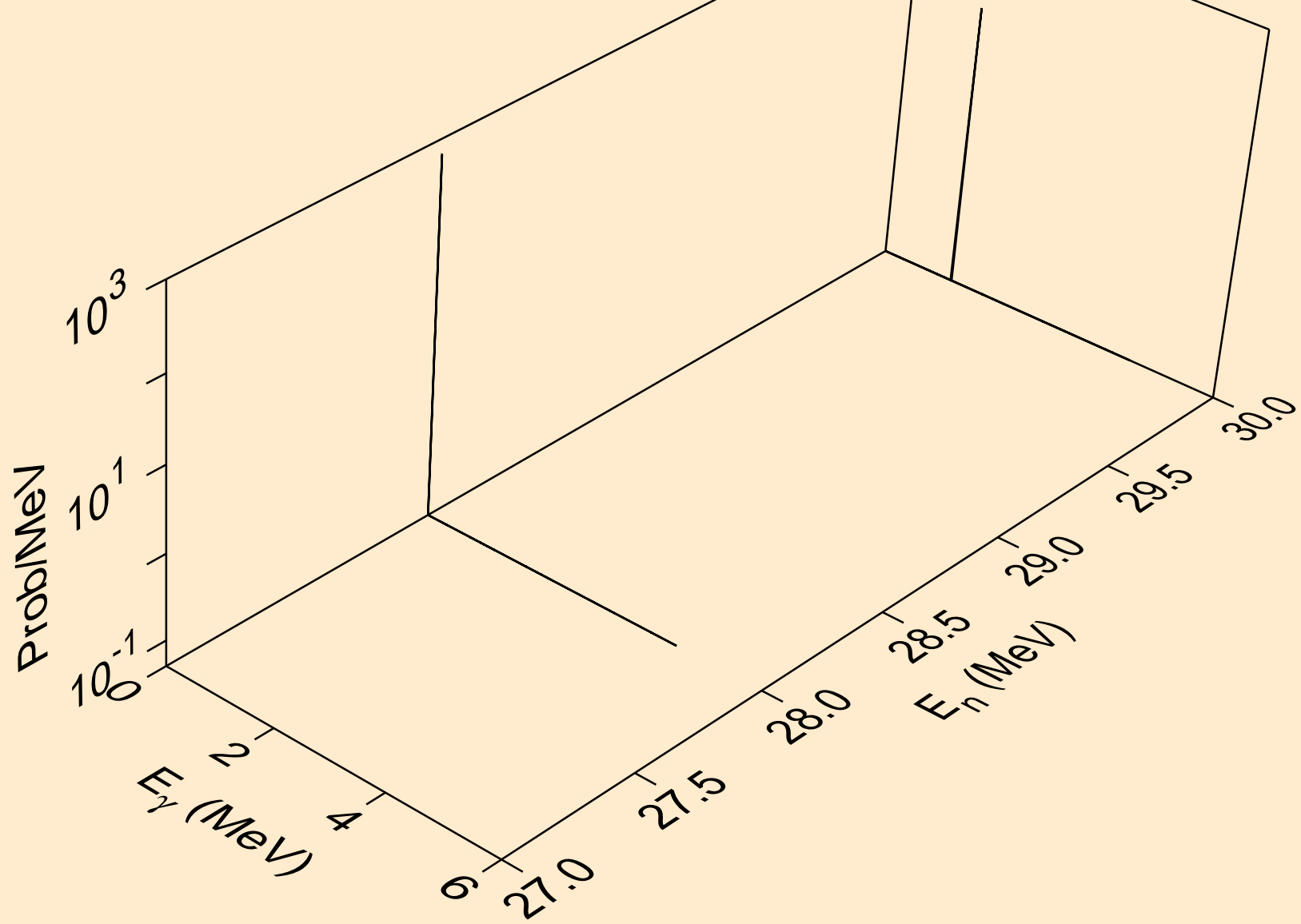
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Photon emission for (n,n\*)p



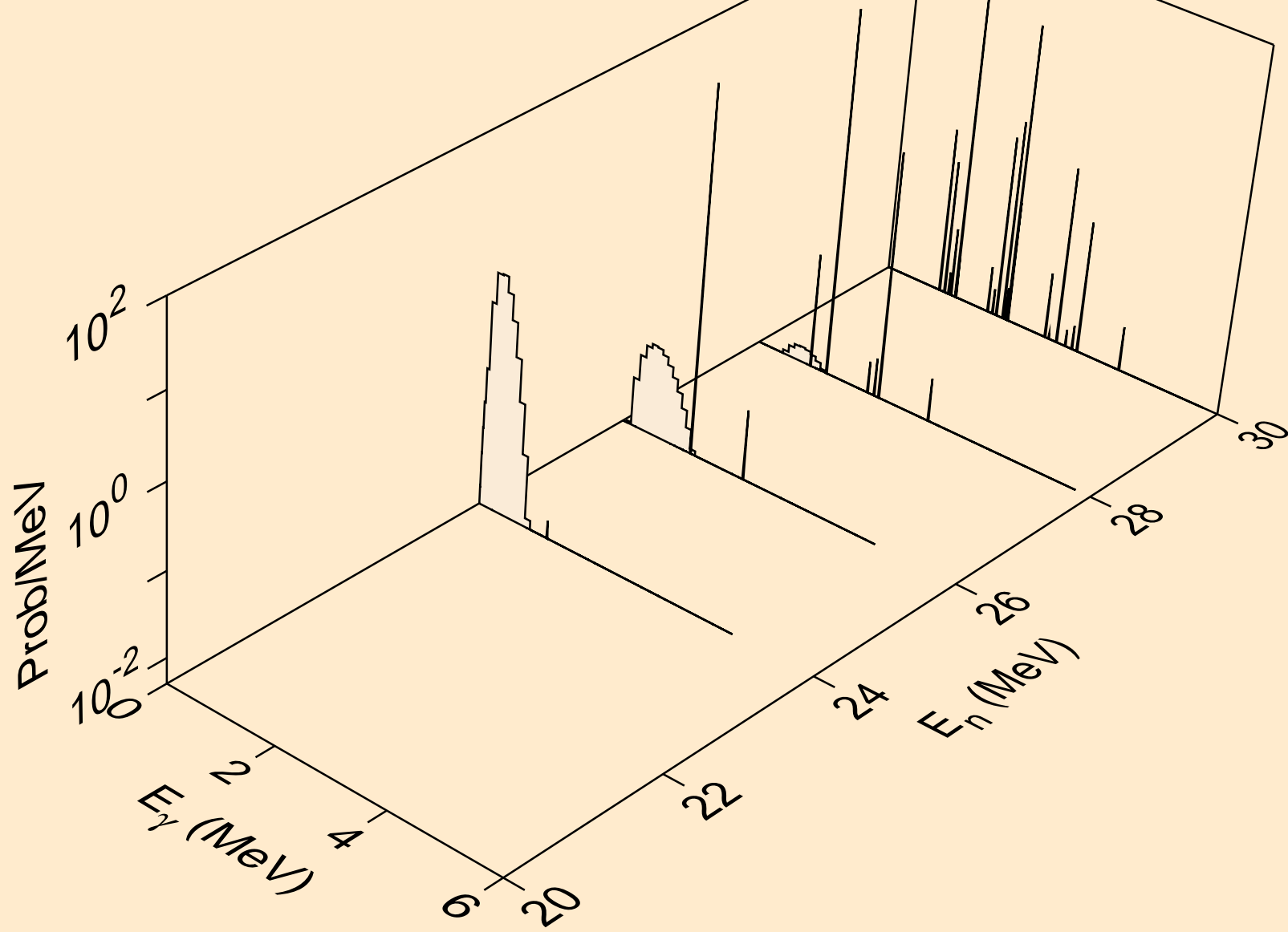
S034 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



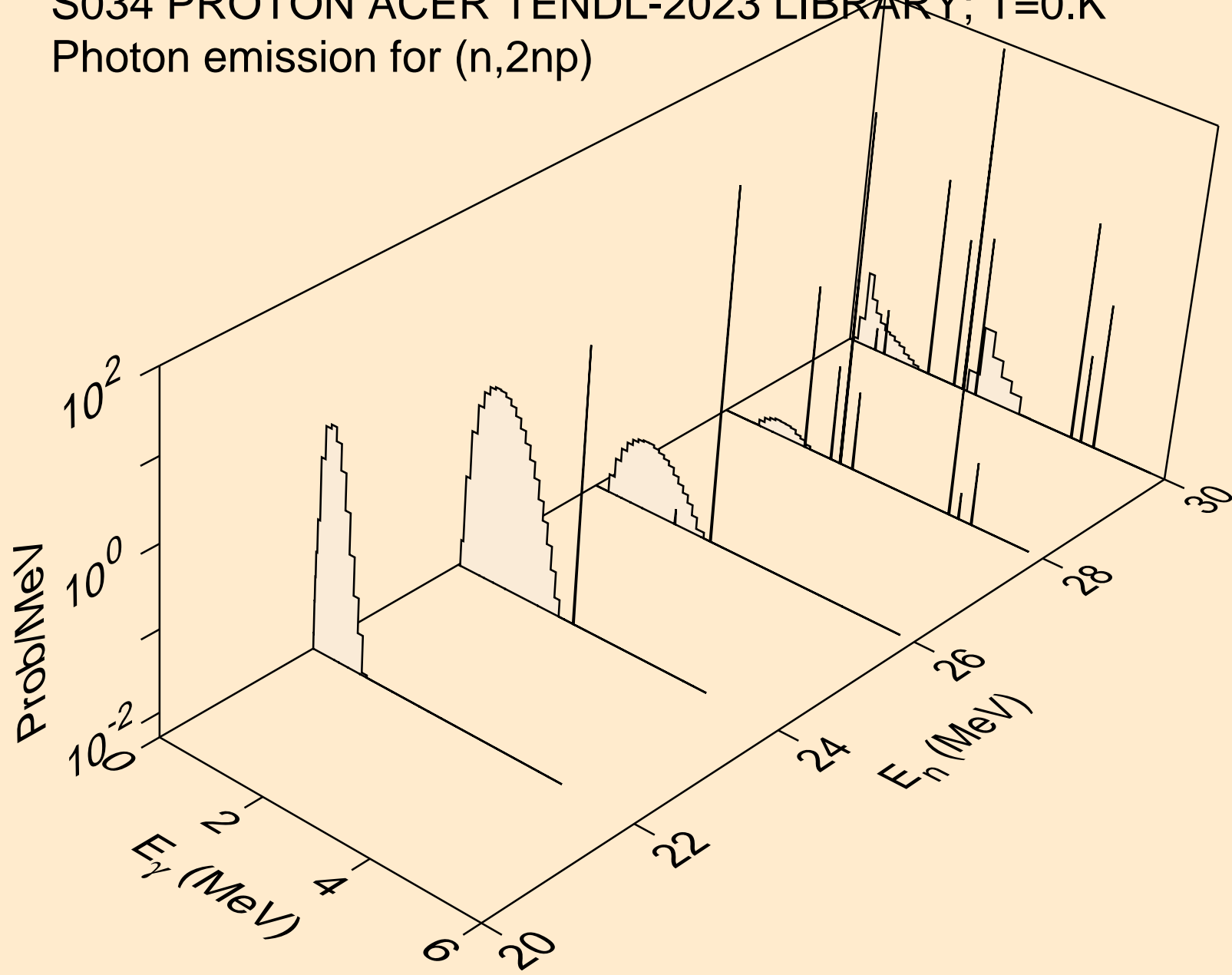
S034 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



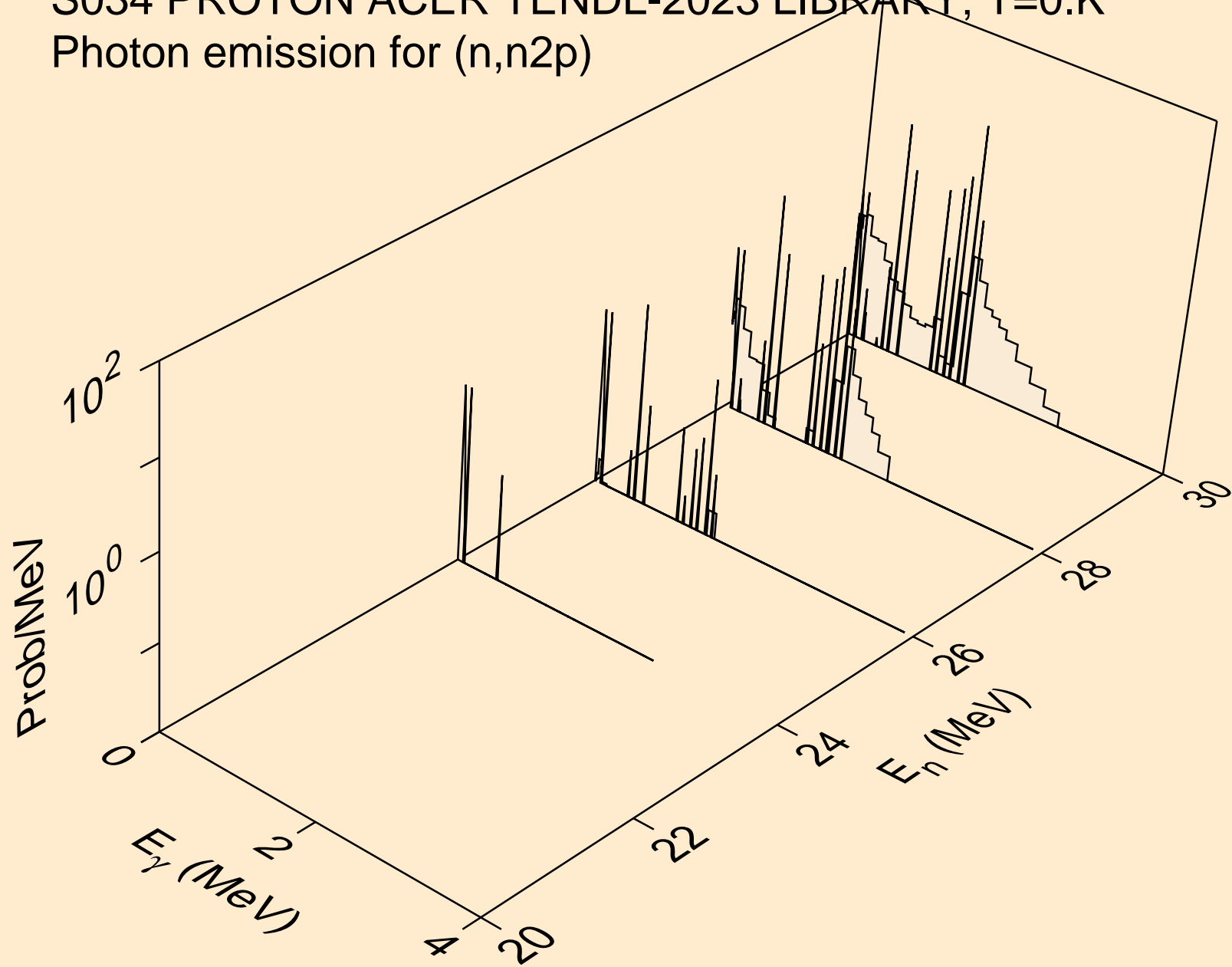
S034 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



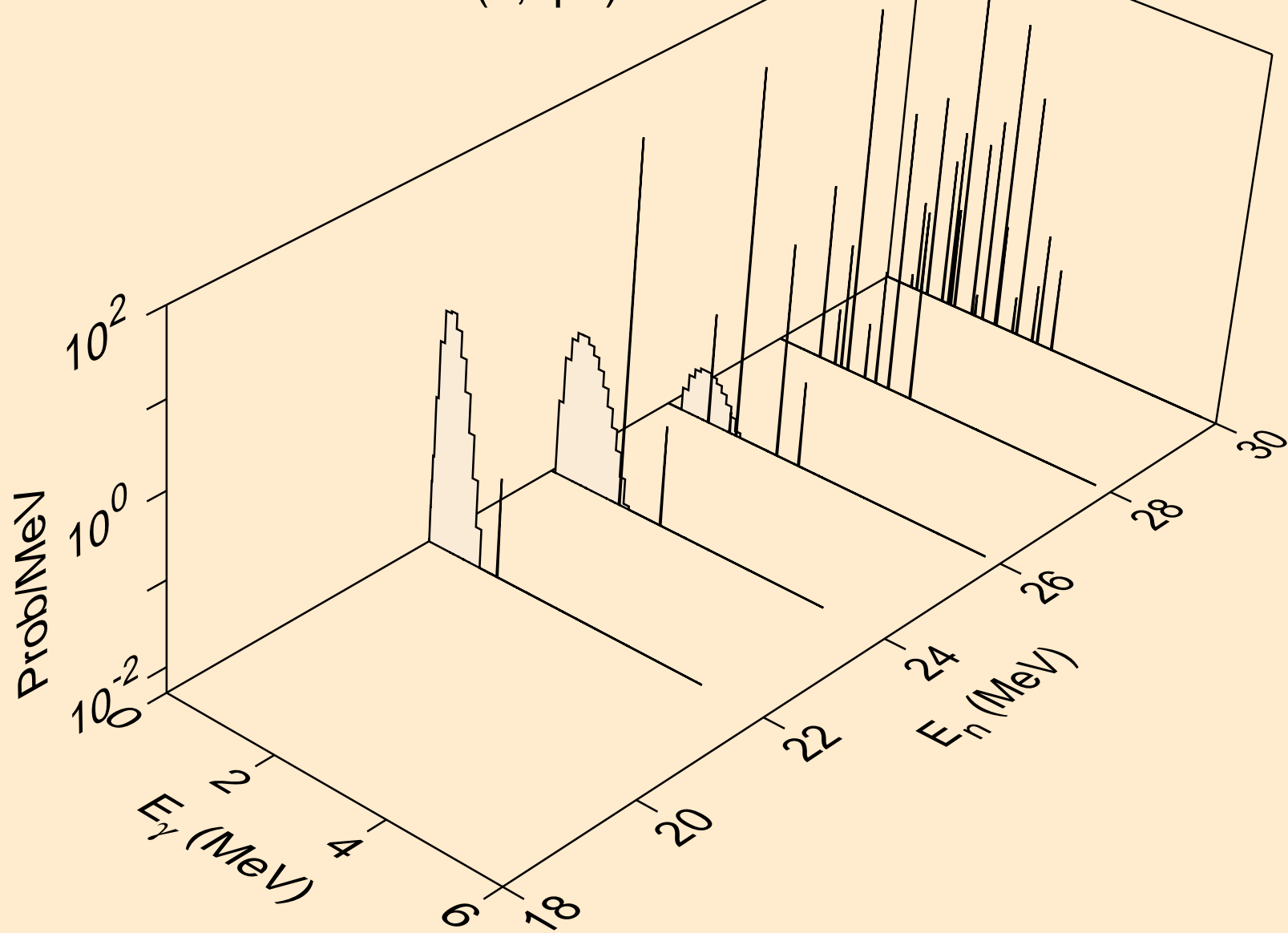
S034 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



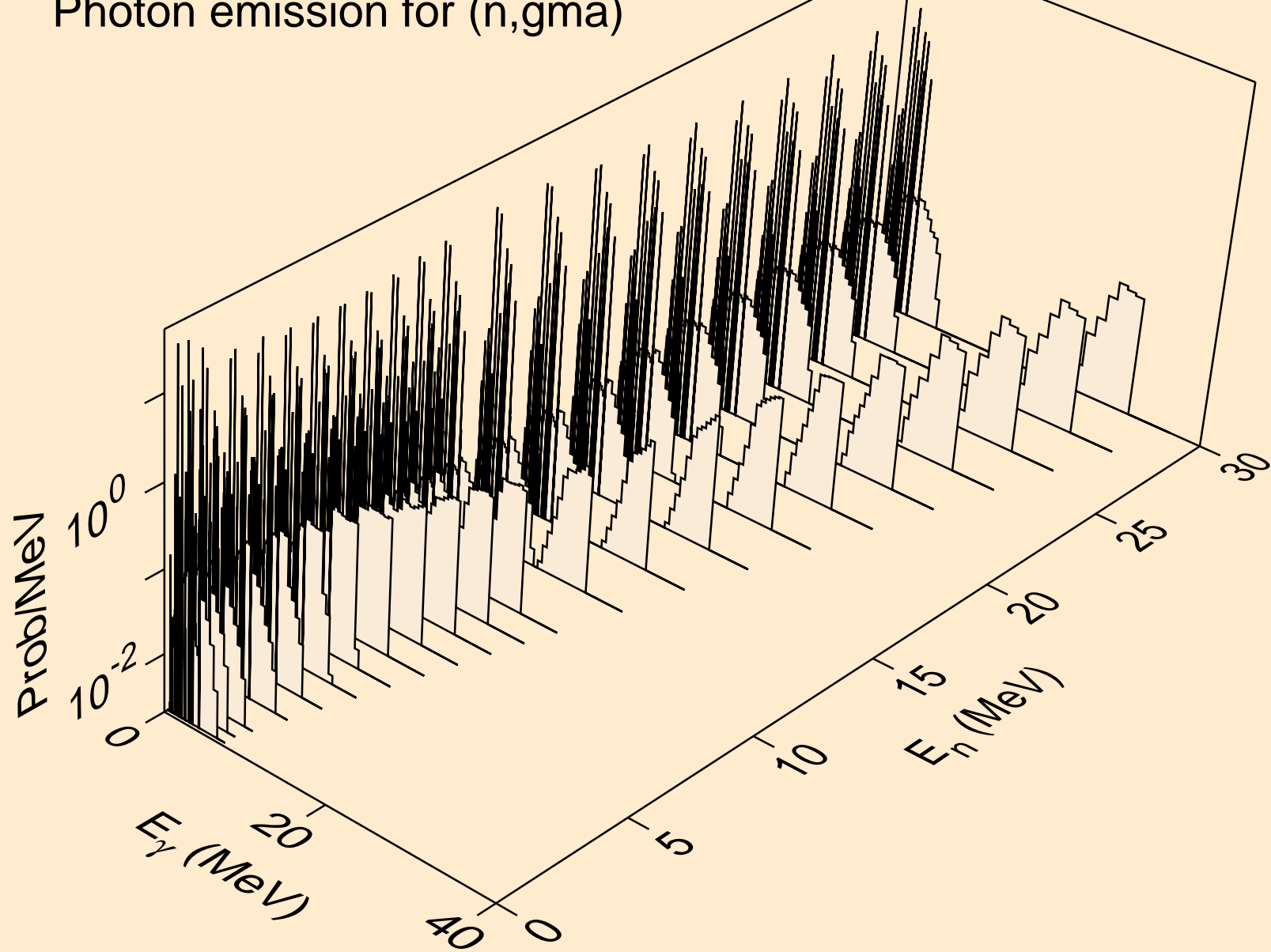
S034 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



S034 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)

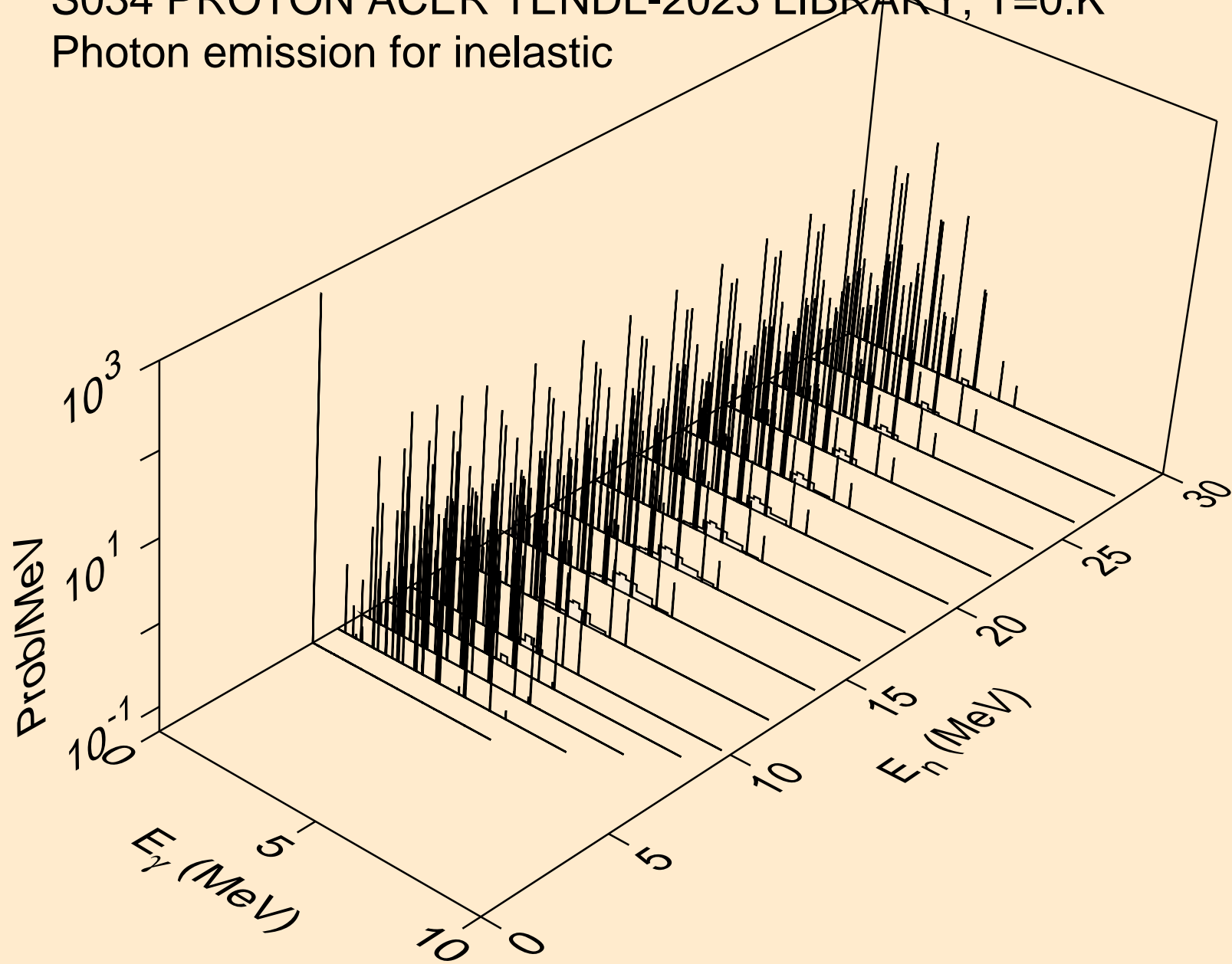


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Photon emission for (n,gma)

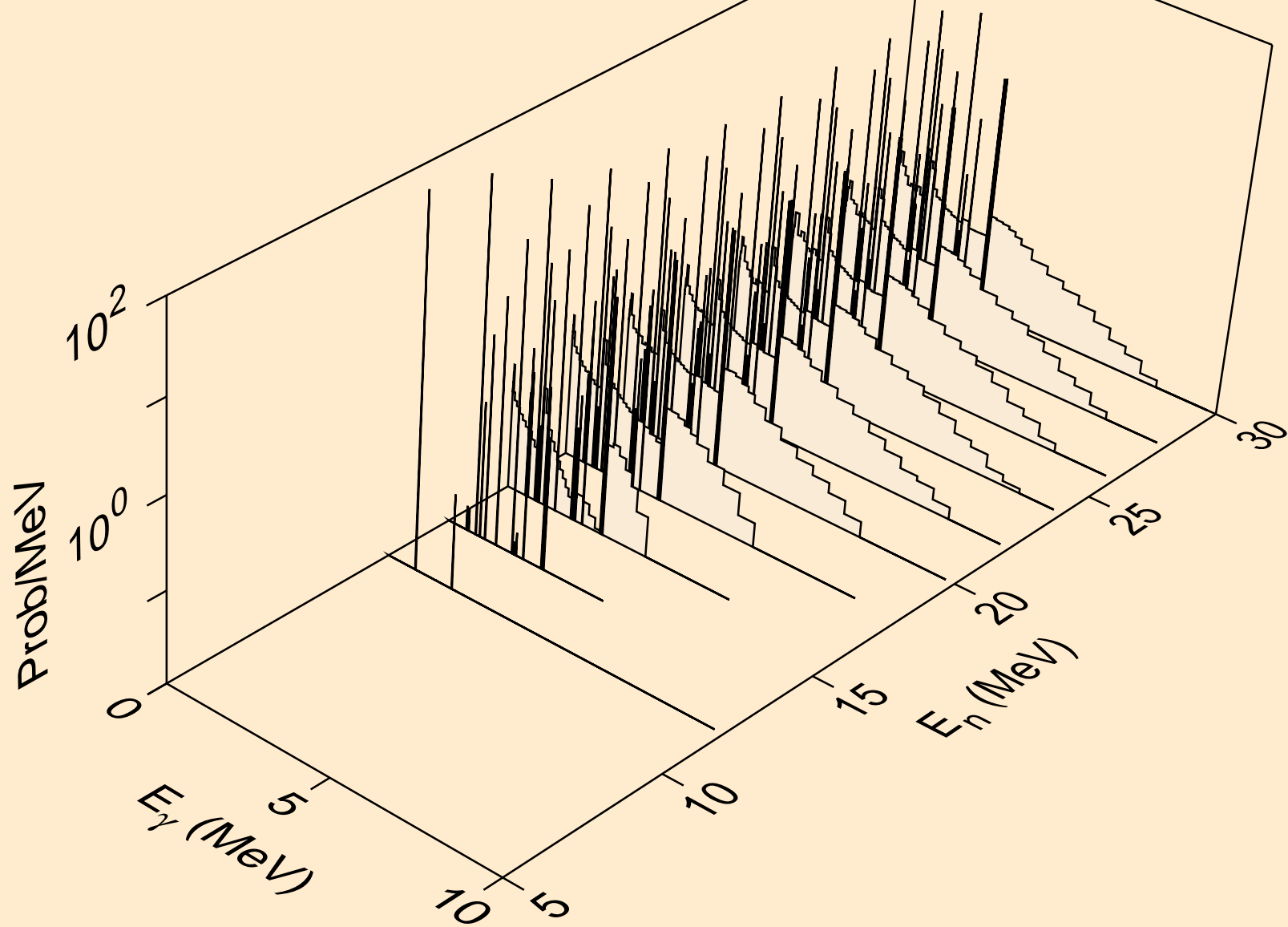




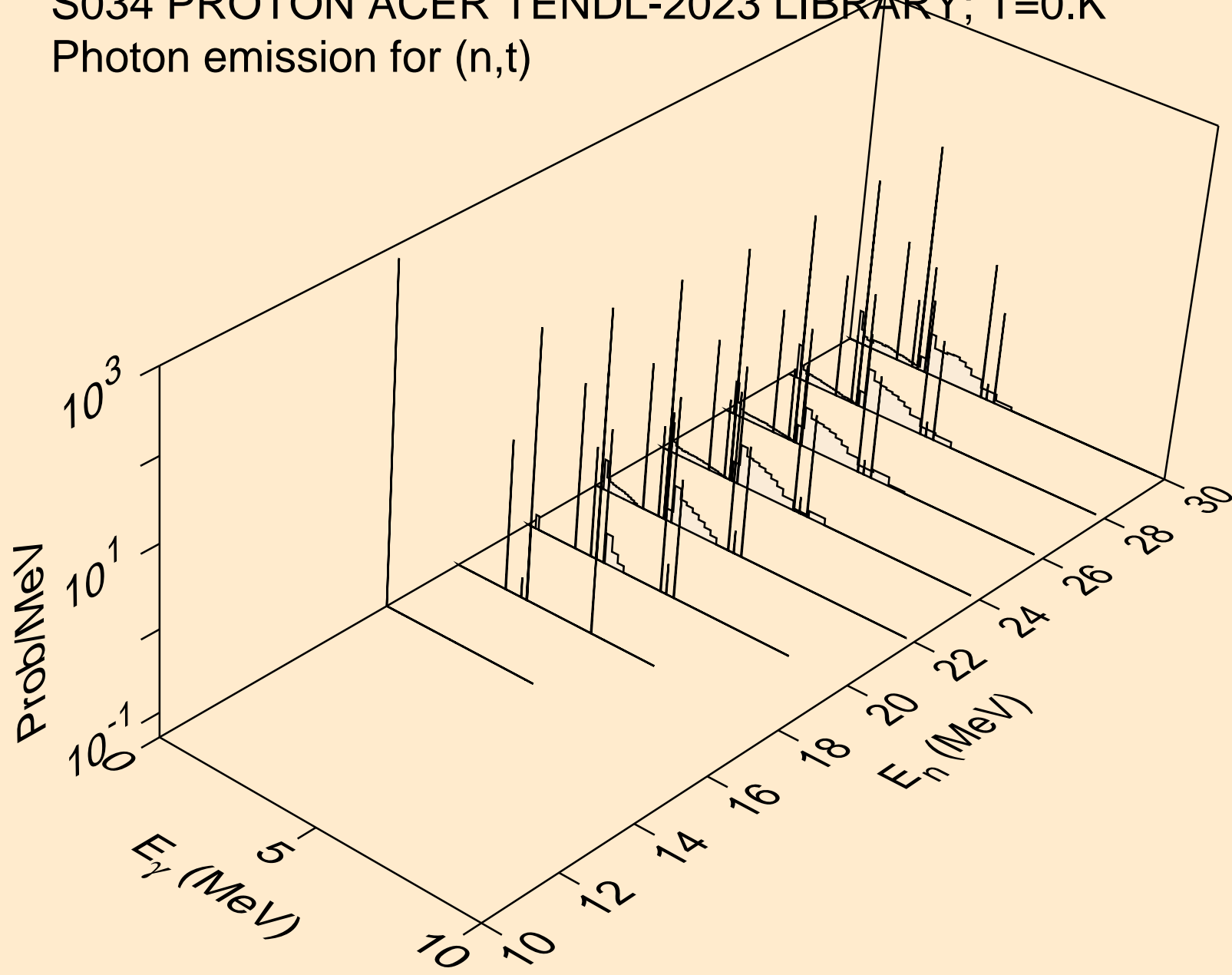
S034 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



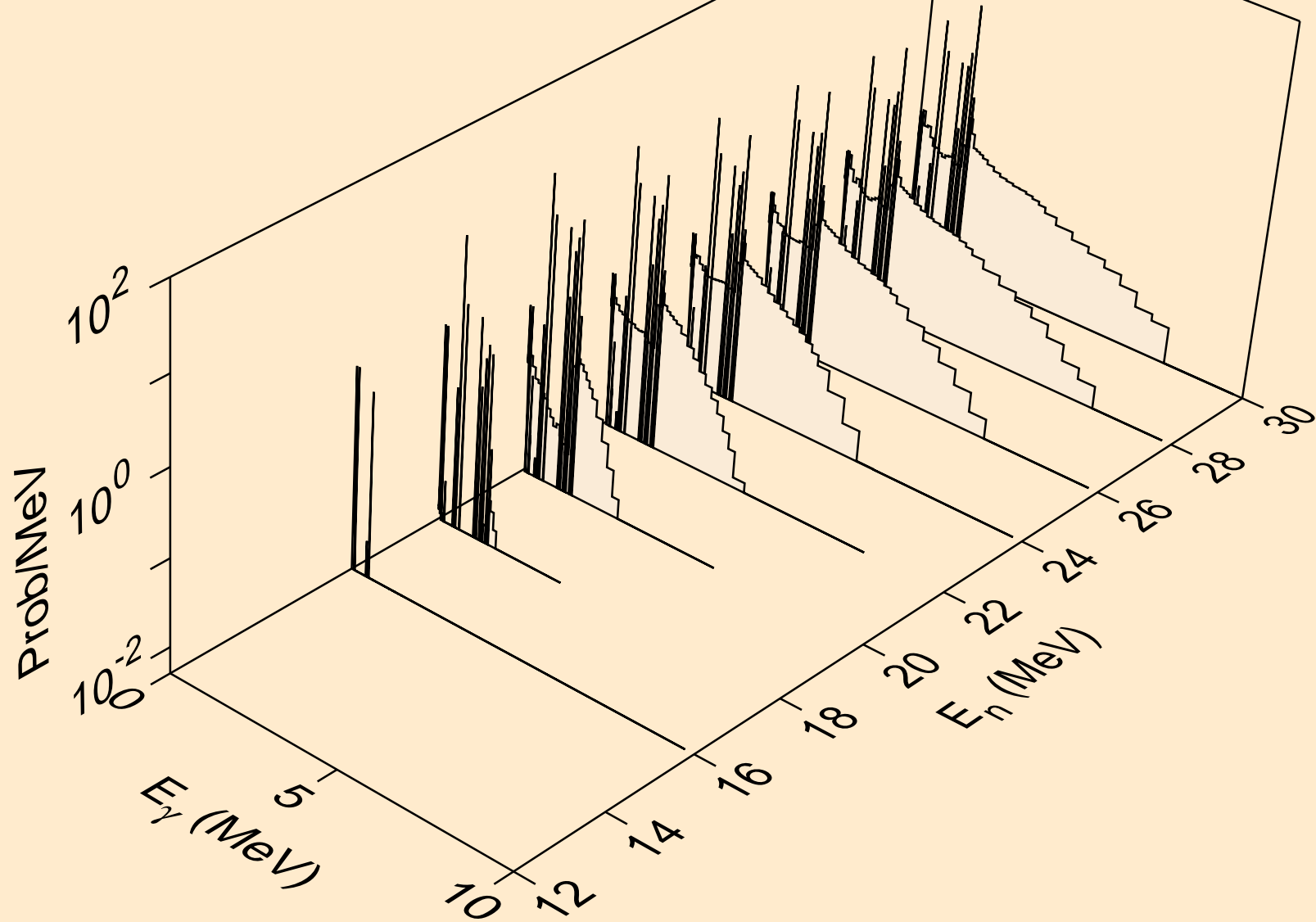
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Photon emission for (n,d)



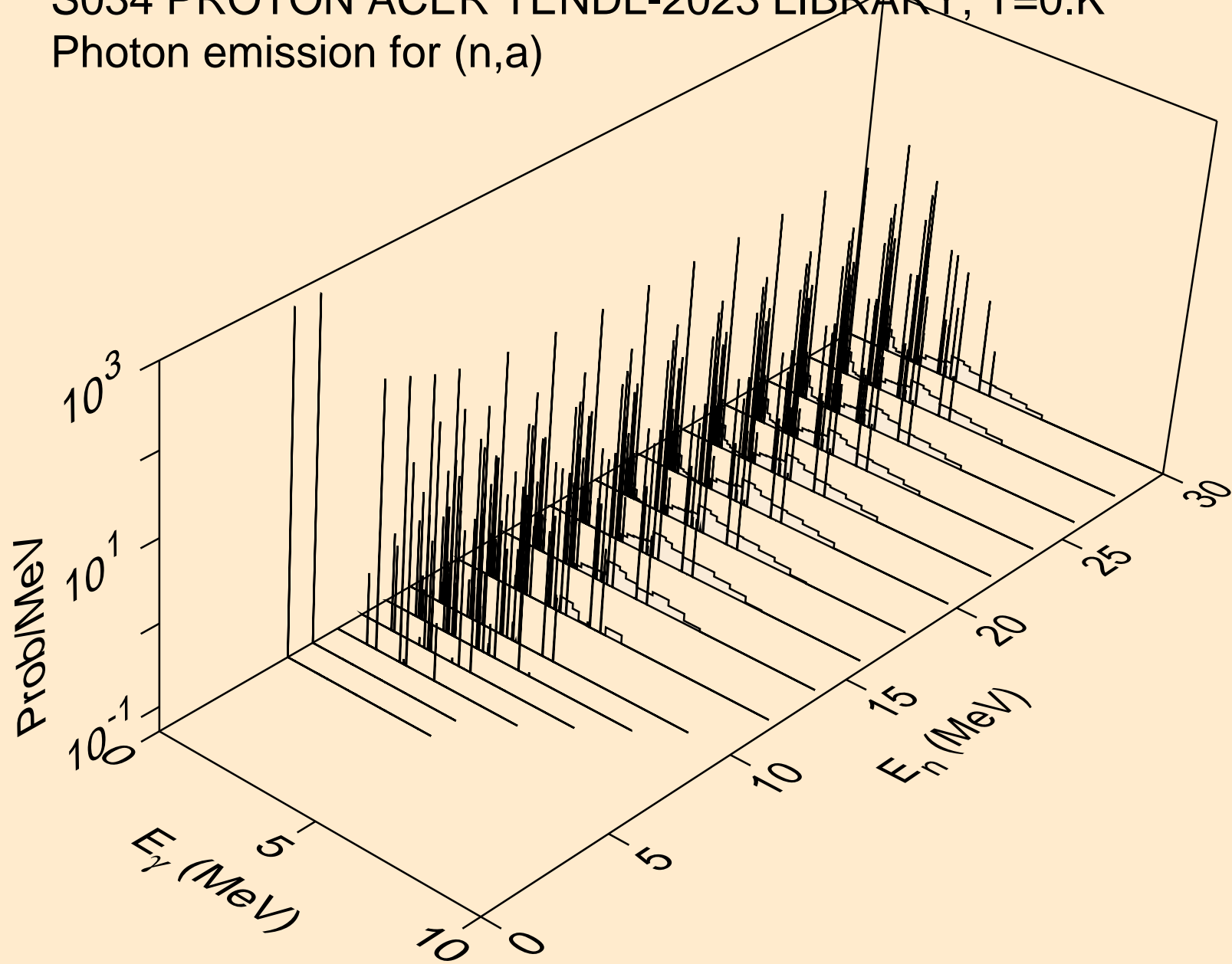
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Photon emission for (n,t)



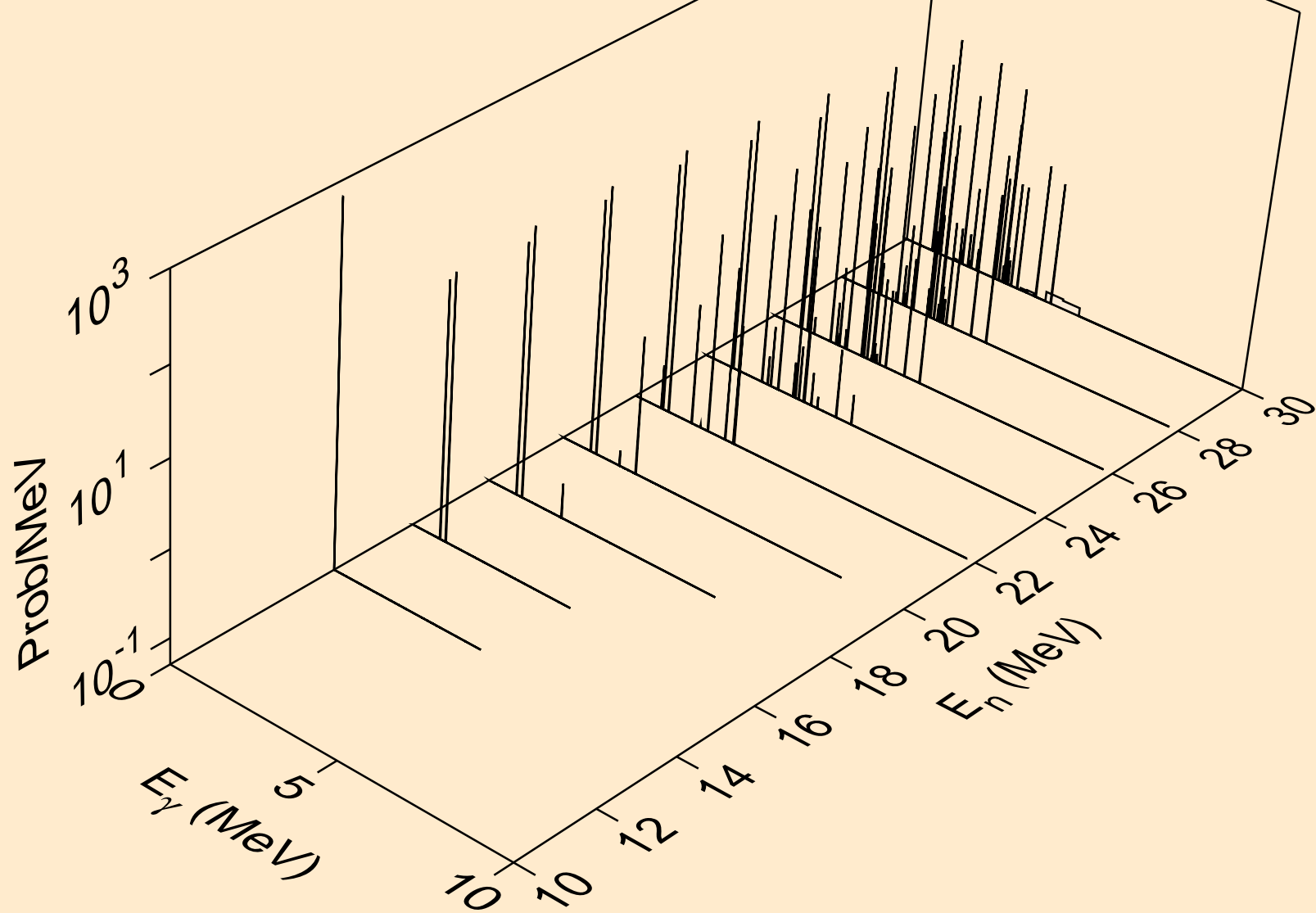
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Photon emission for (n,he3)



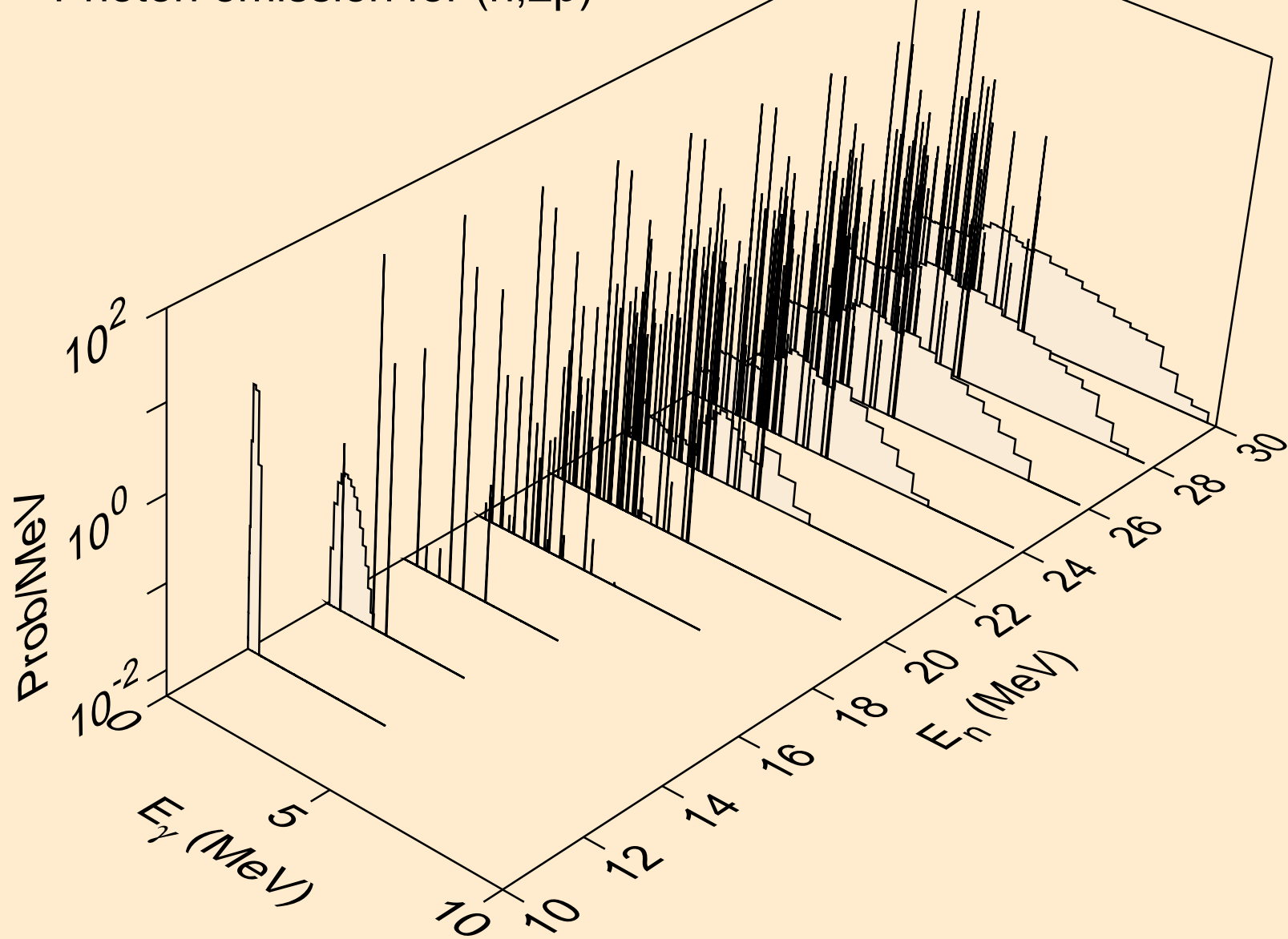
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Photon emission for (n,a)



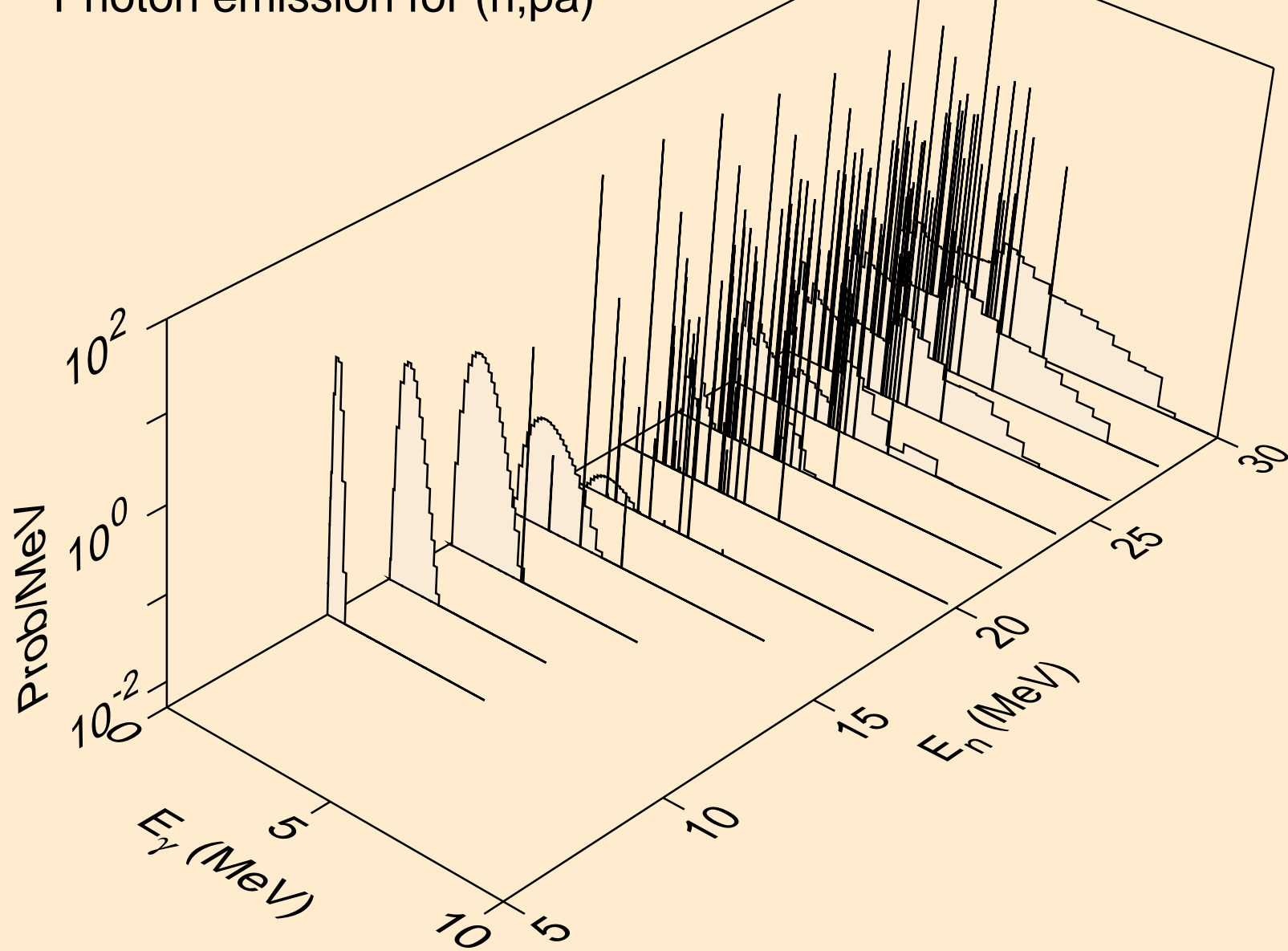
S034 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



S034 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

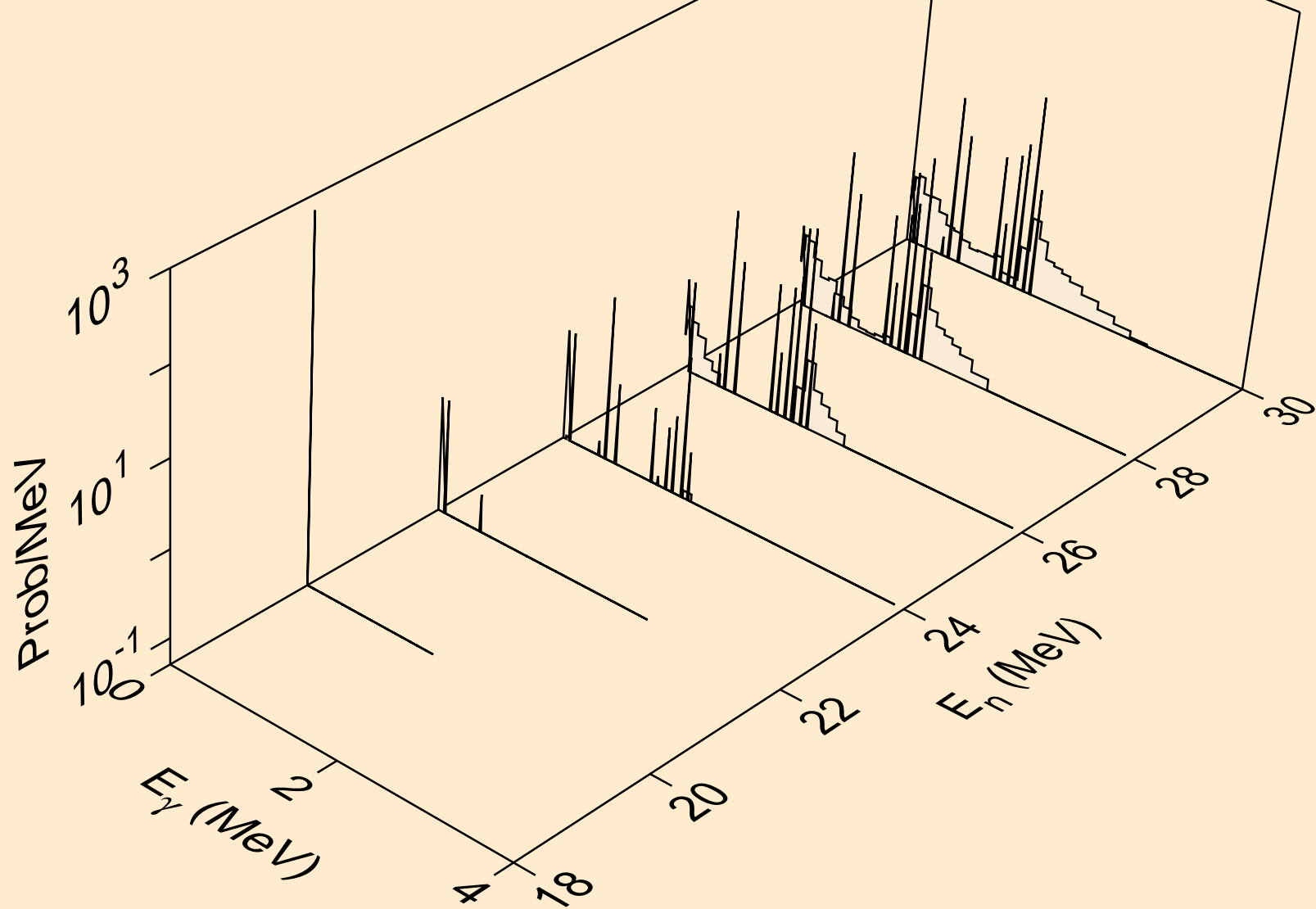


S034 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)

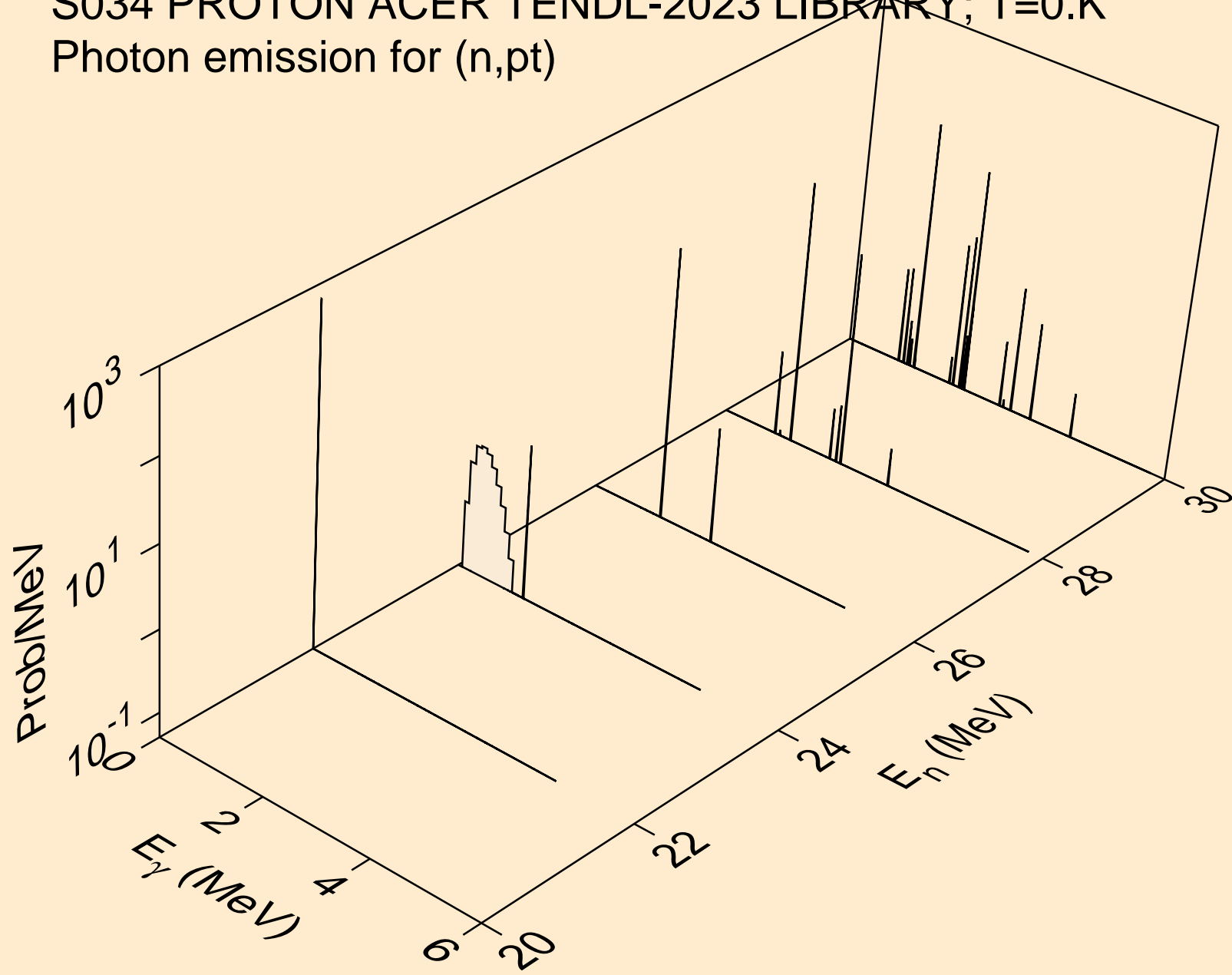




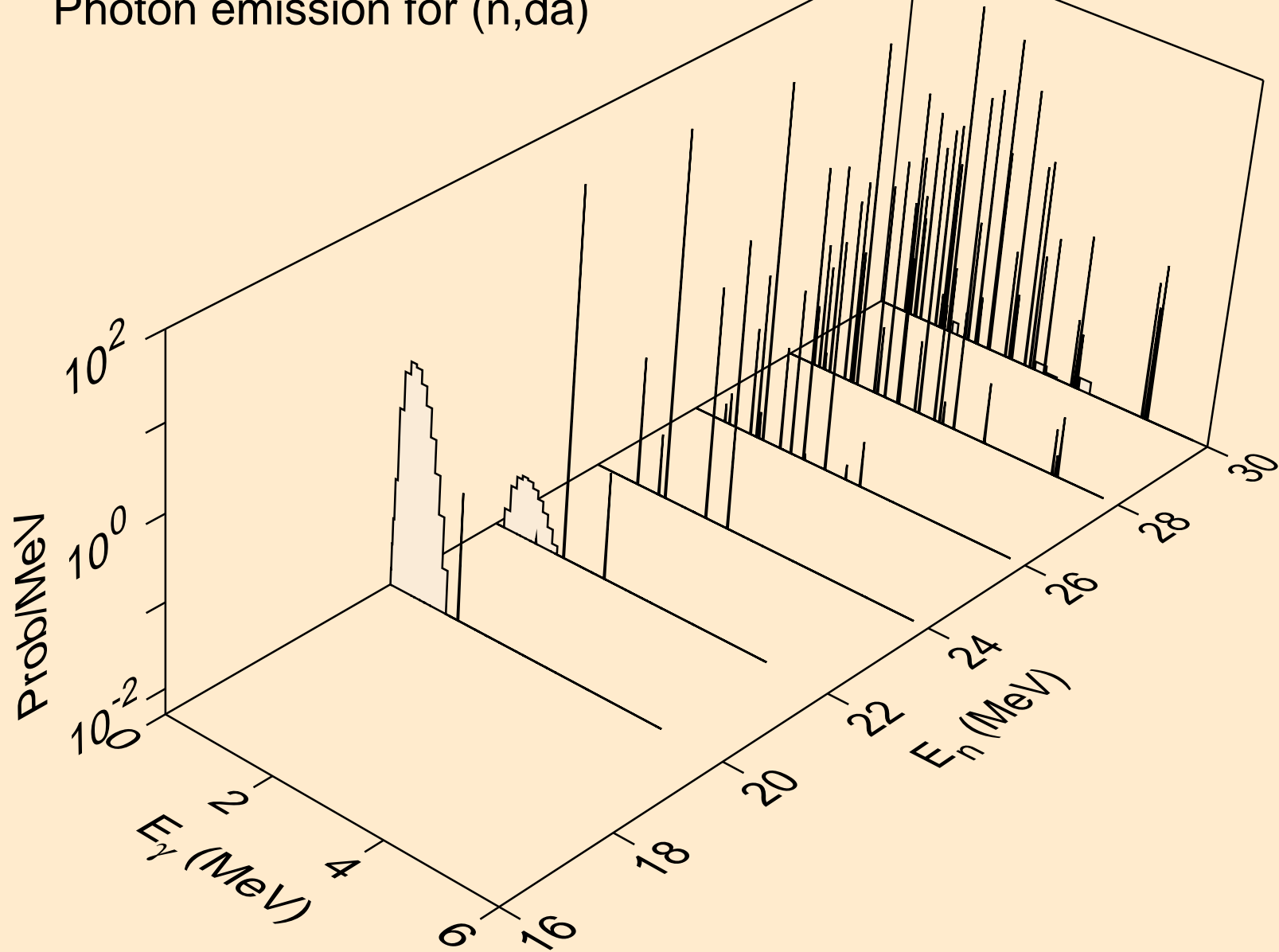
S034 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



S034 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)

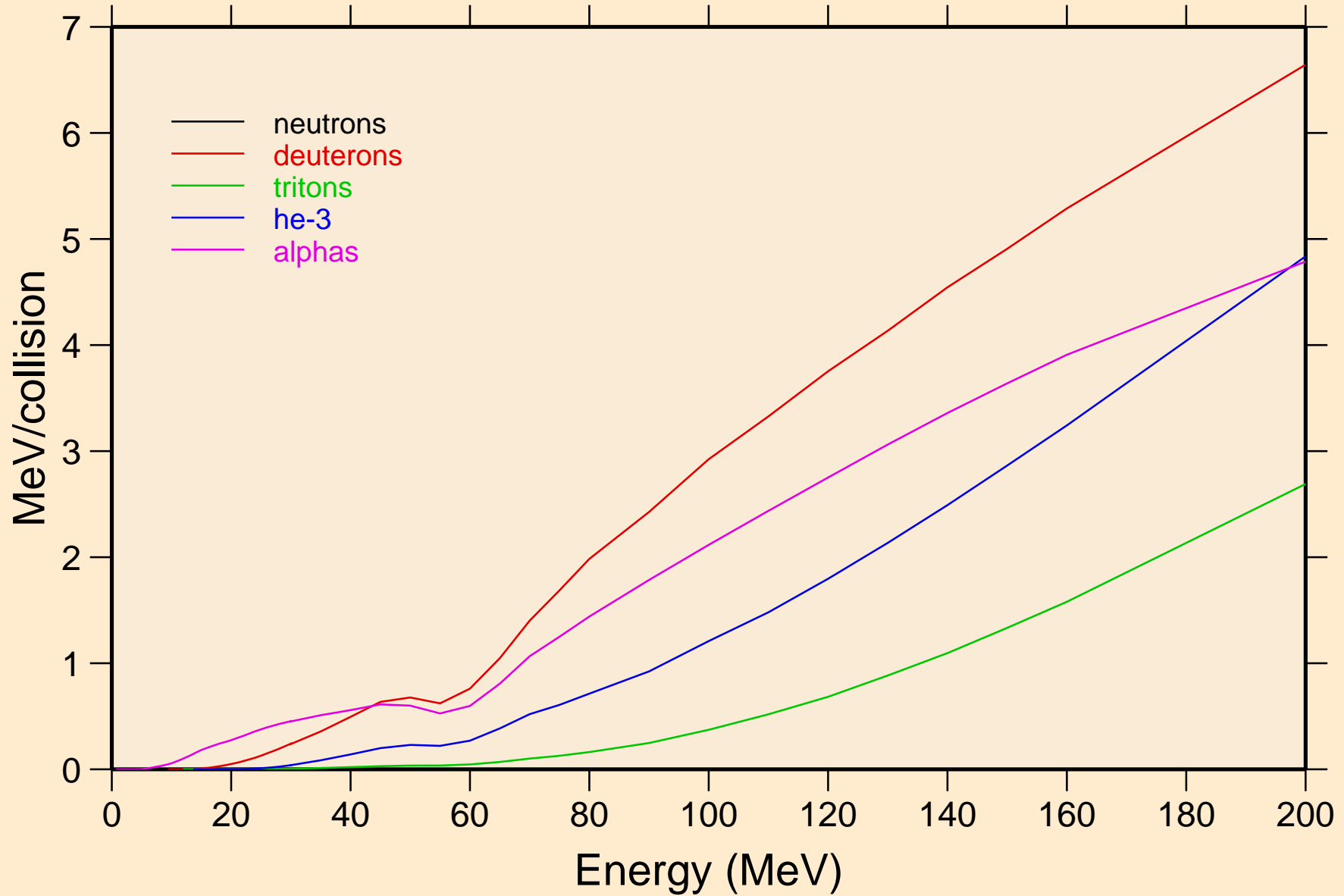


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Photon emission for (n,da)



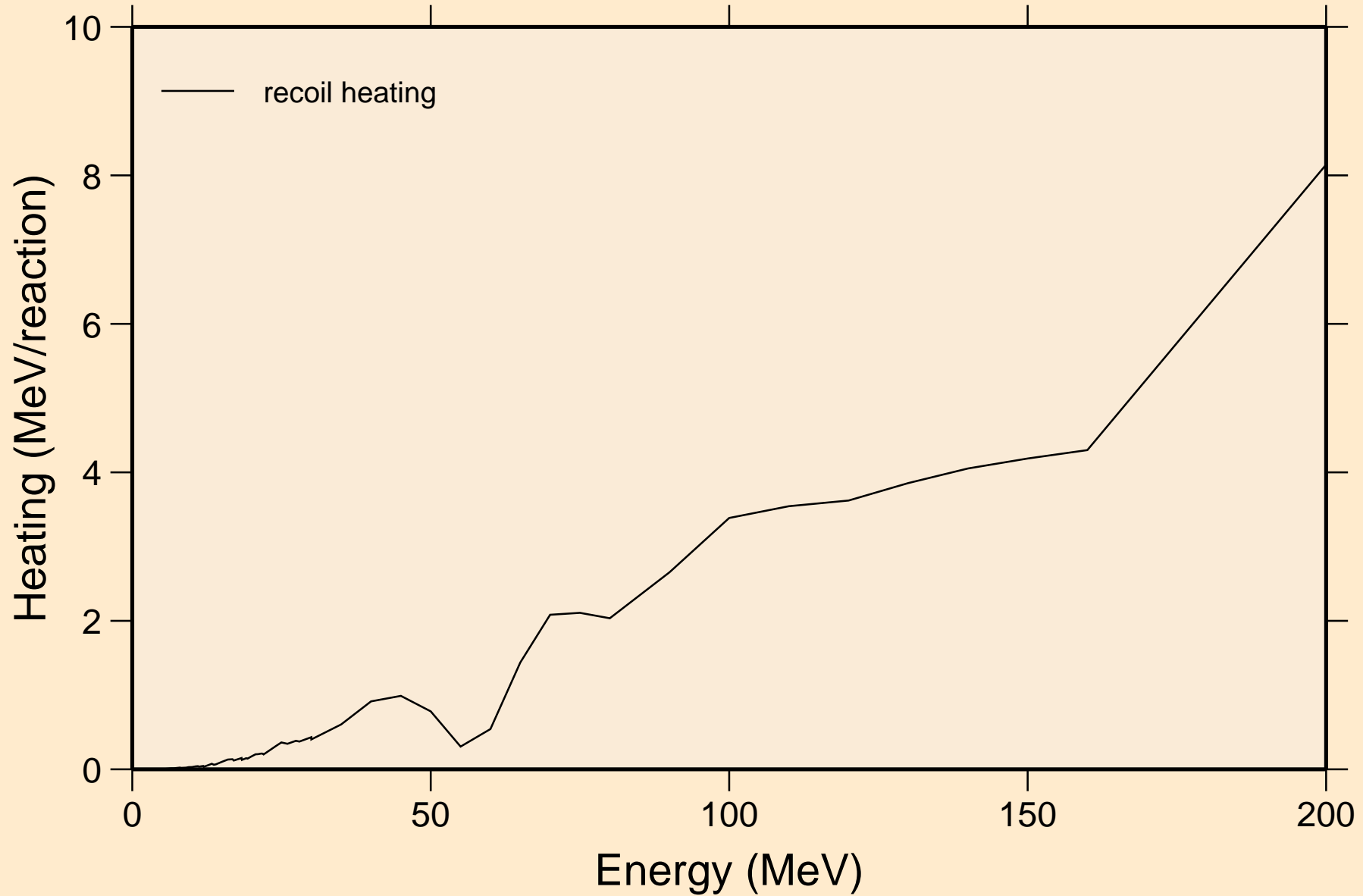
# S034 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions

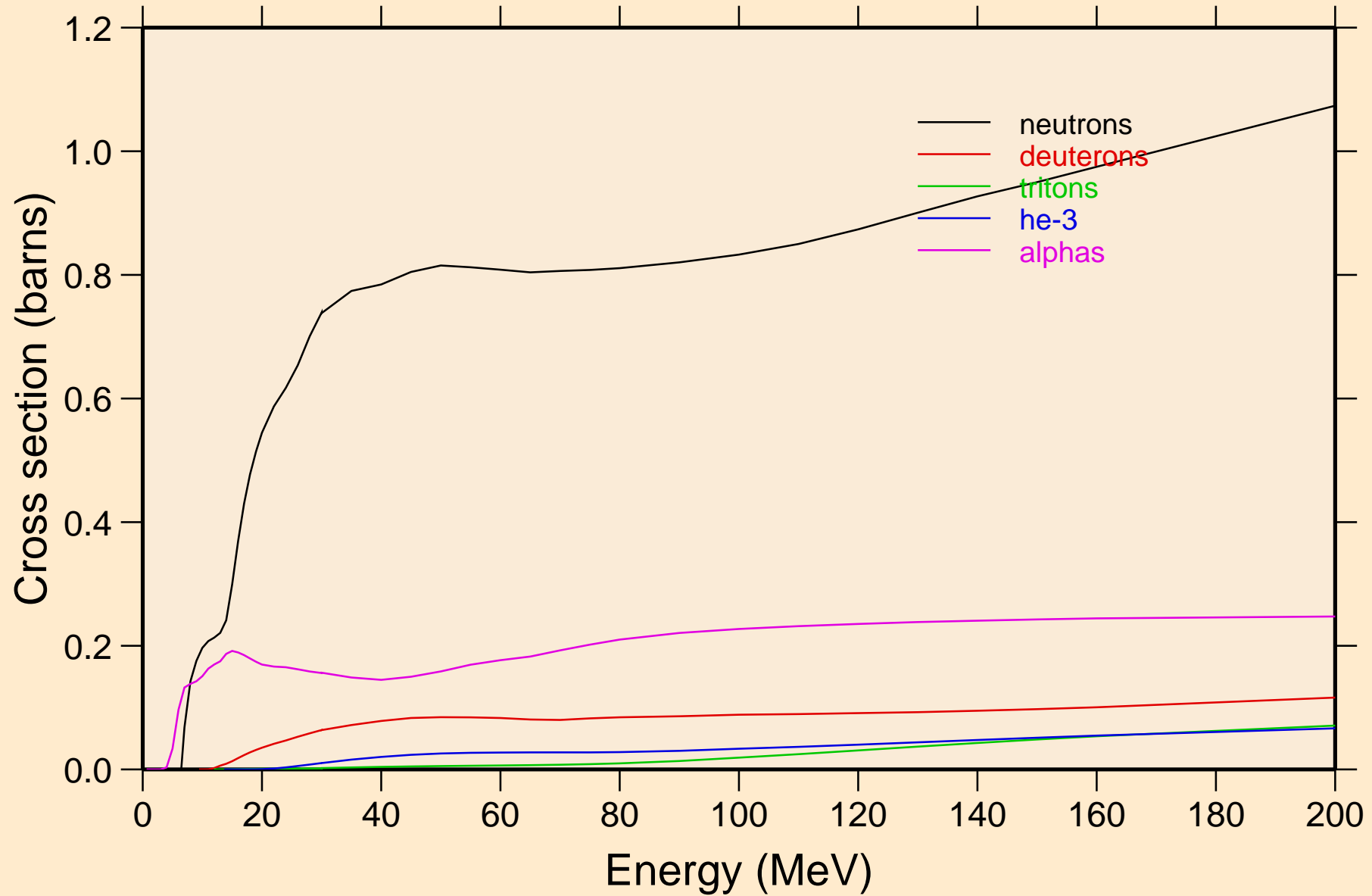


# S034 PROTON ACER TENDL-2023 LIBRARY; T=0.K

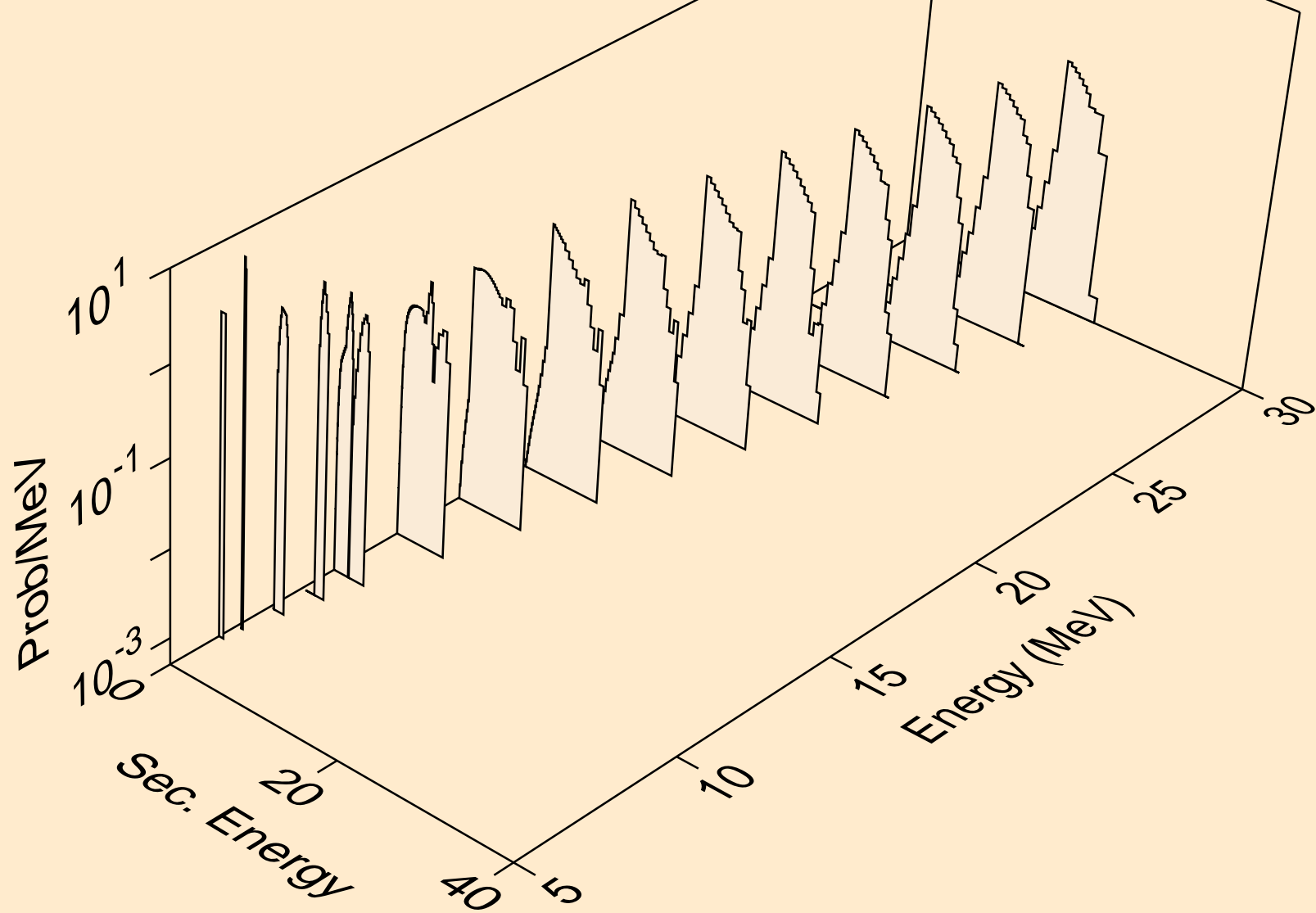
## Recoil Heating



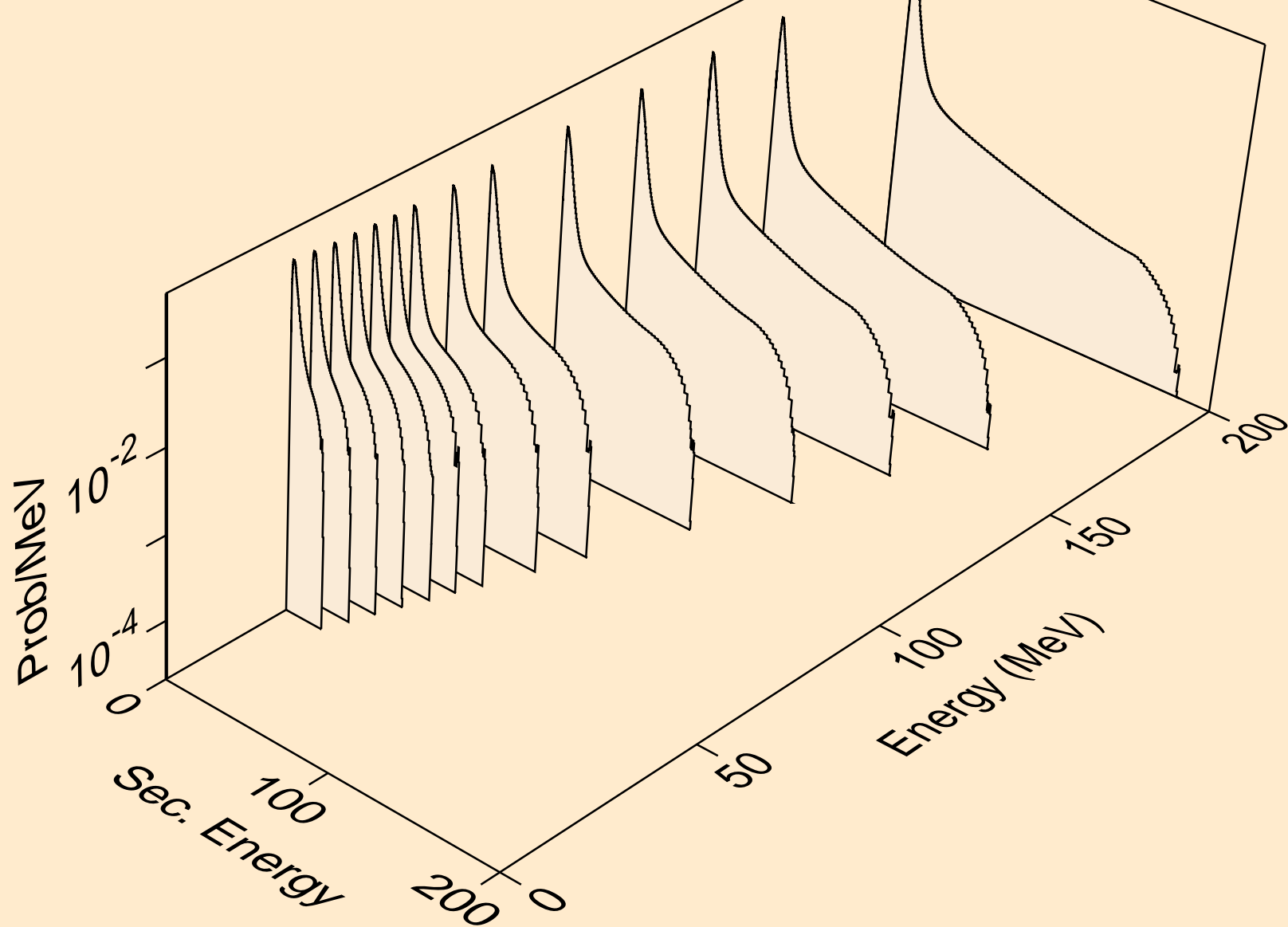
S034 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



S034 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)

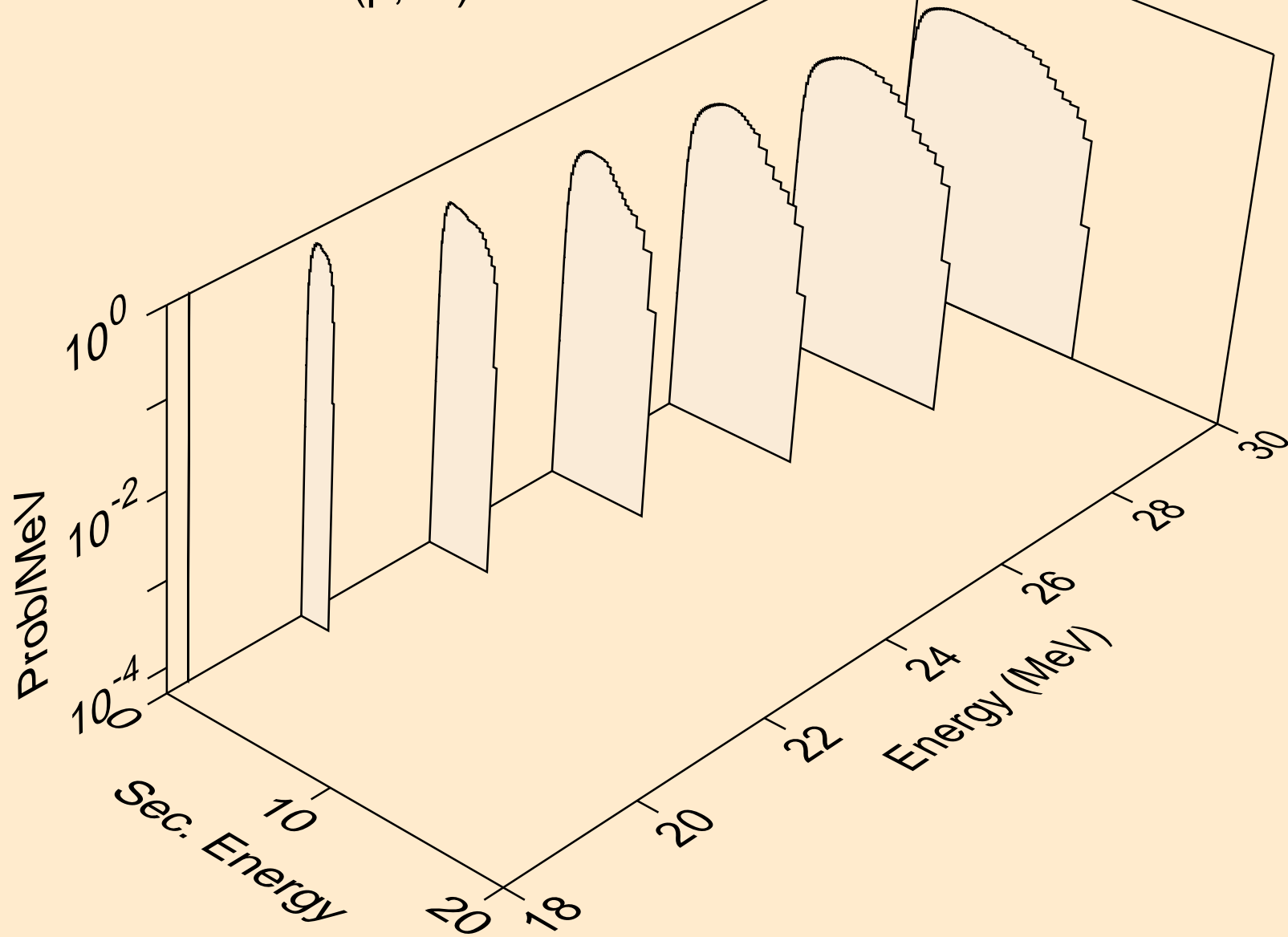


S034 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)

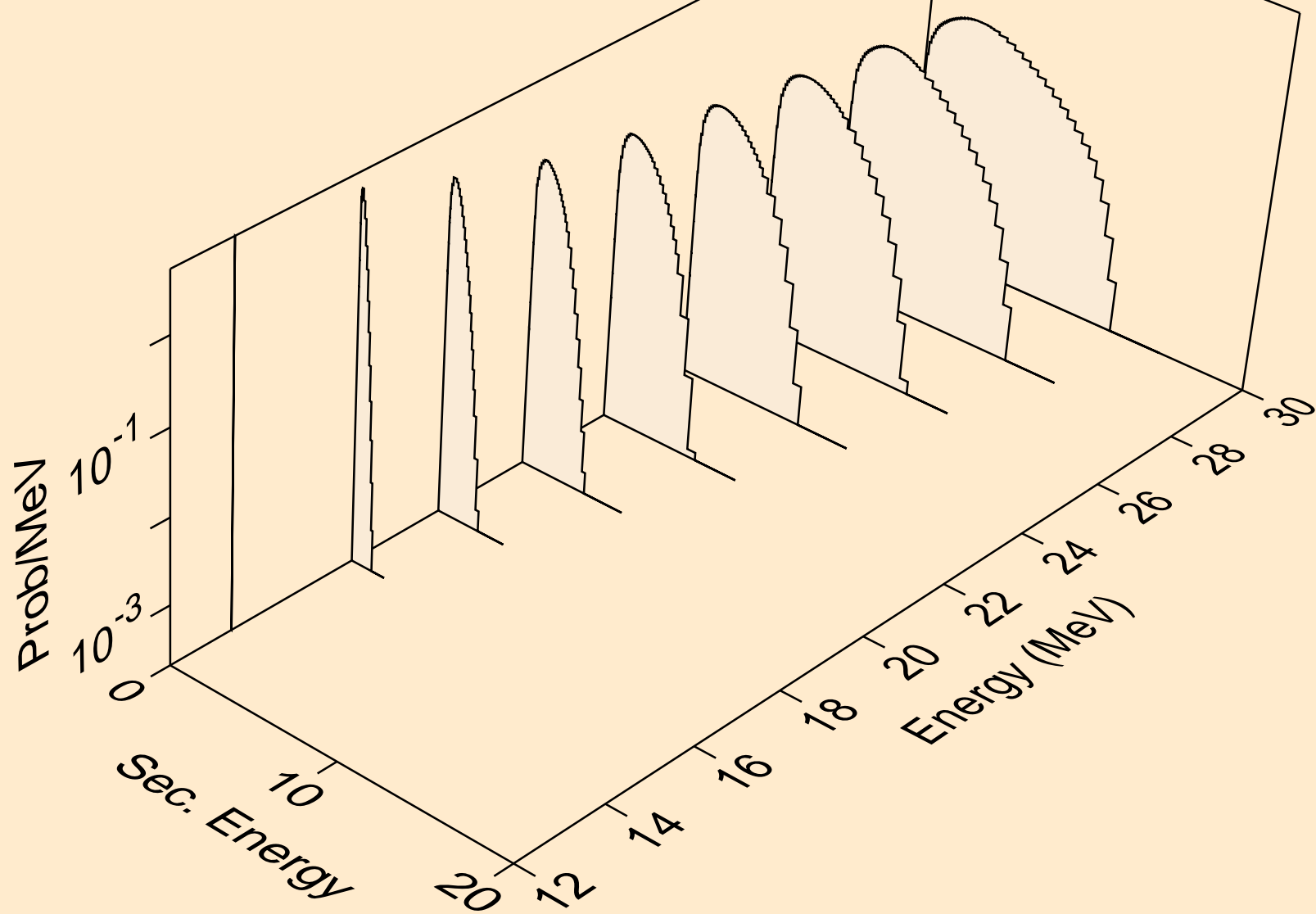




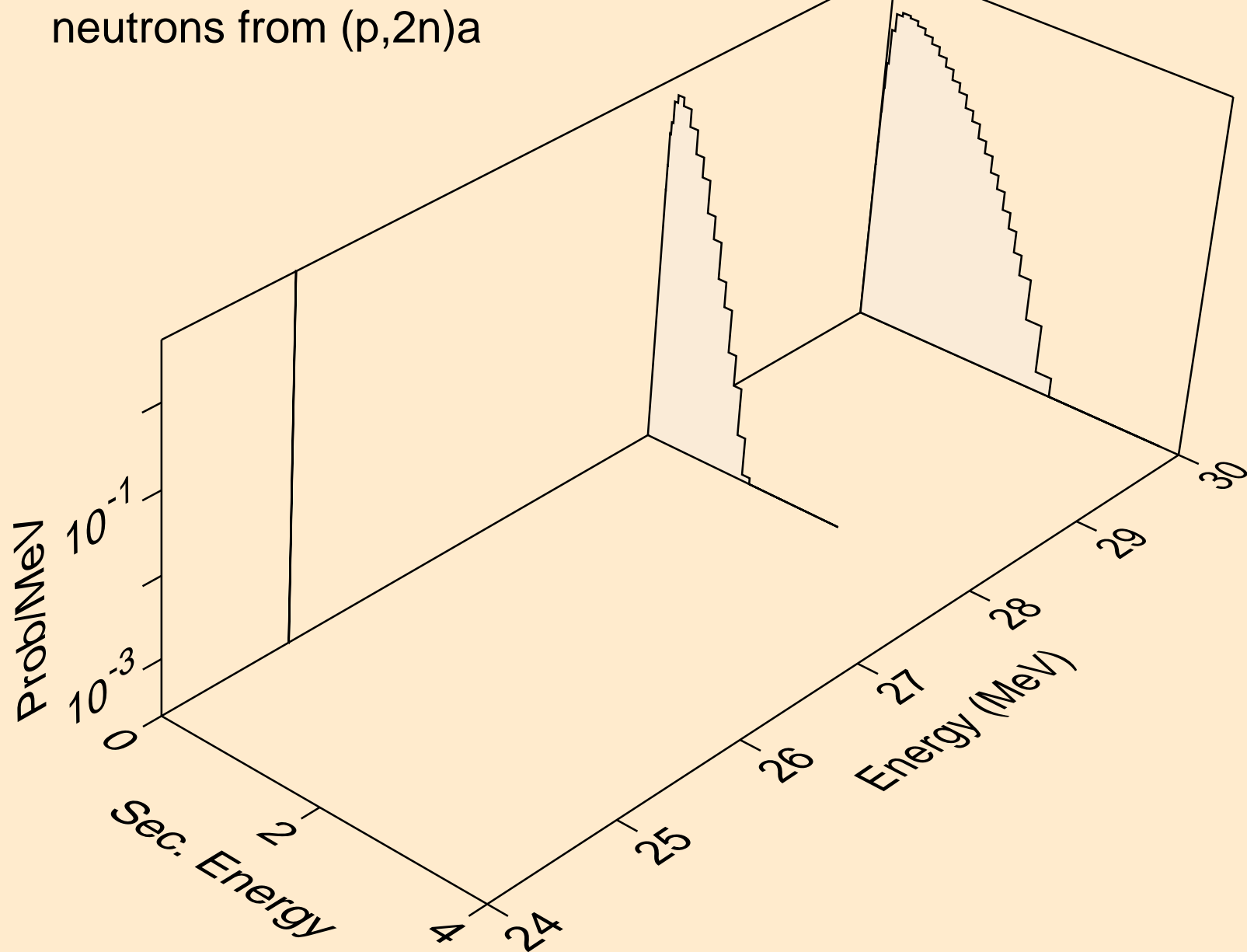
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neutrons from (p,2n)



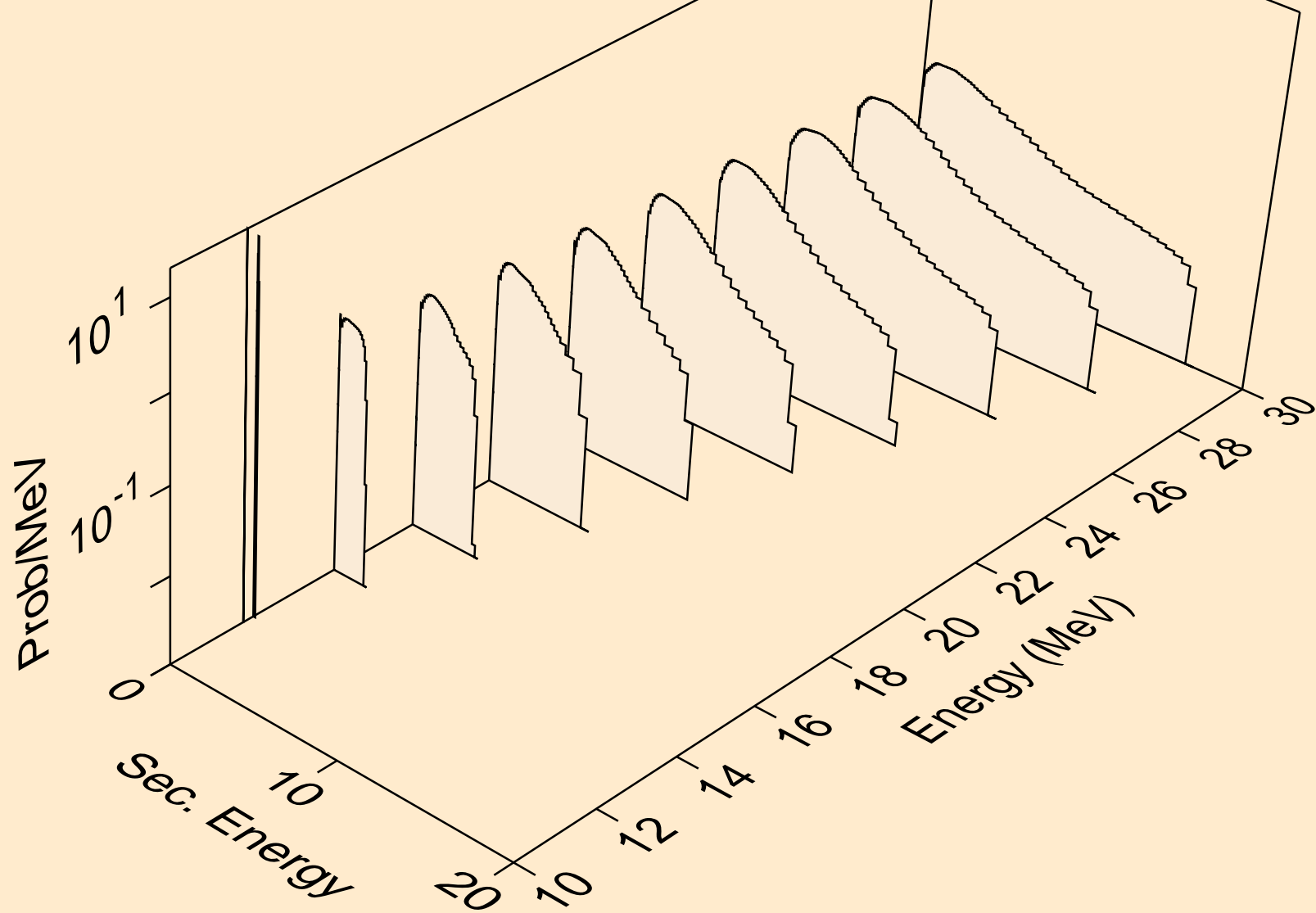
S034 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



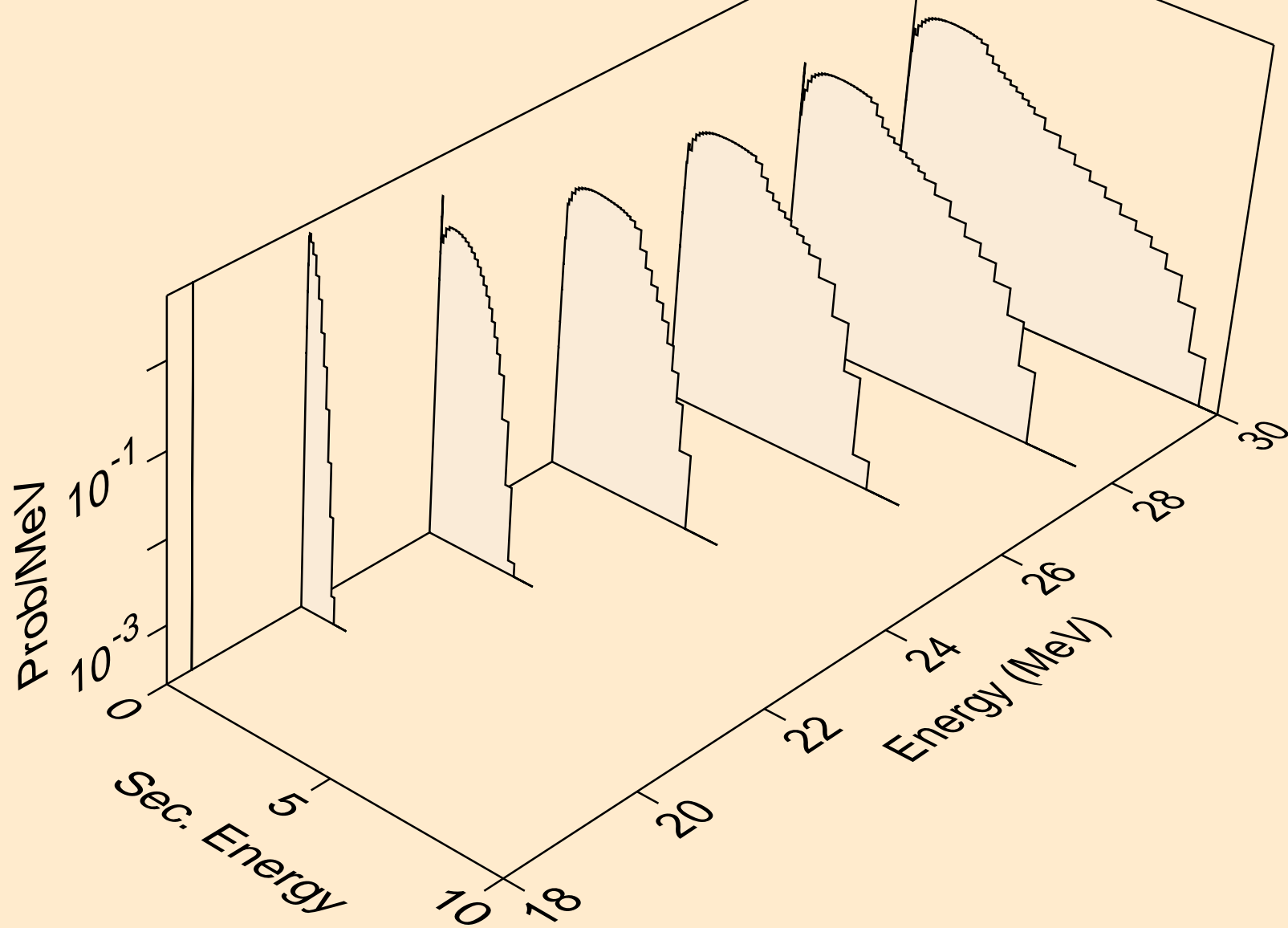
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neutrons from (p,2n)a



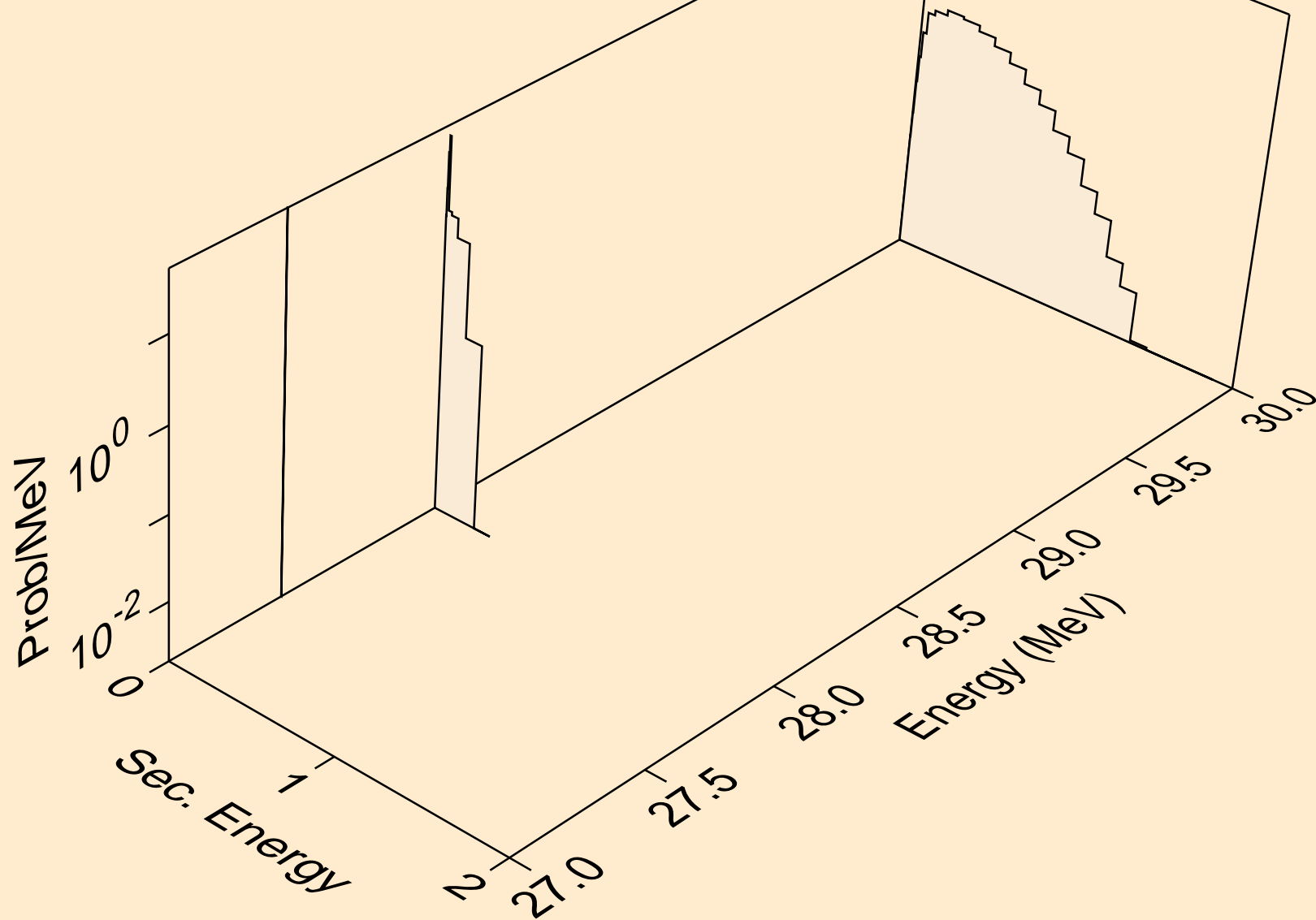
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neutrons from (p,n\*)p



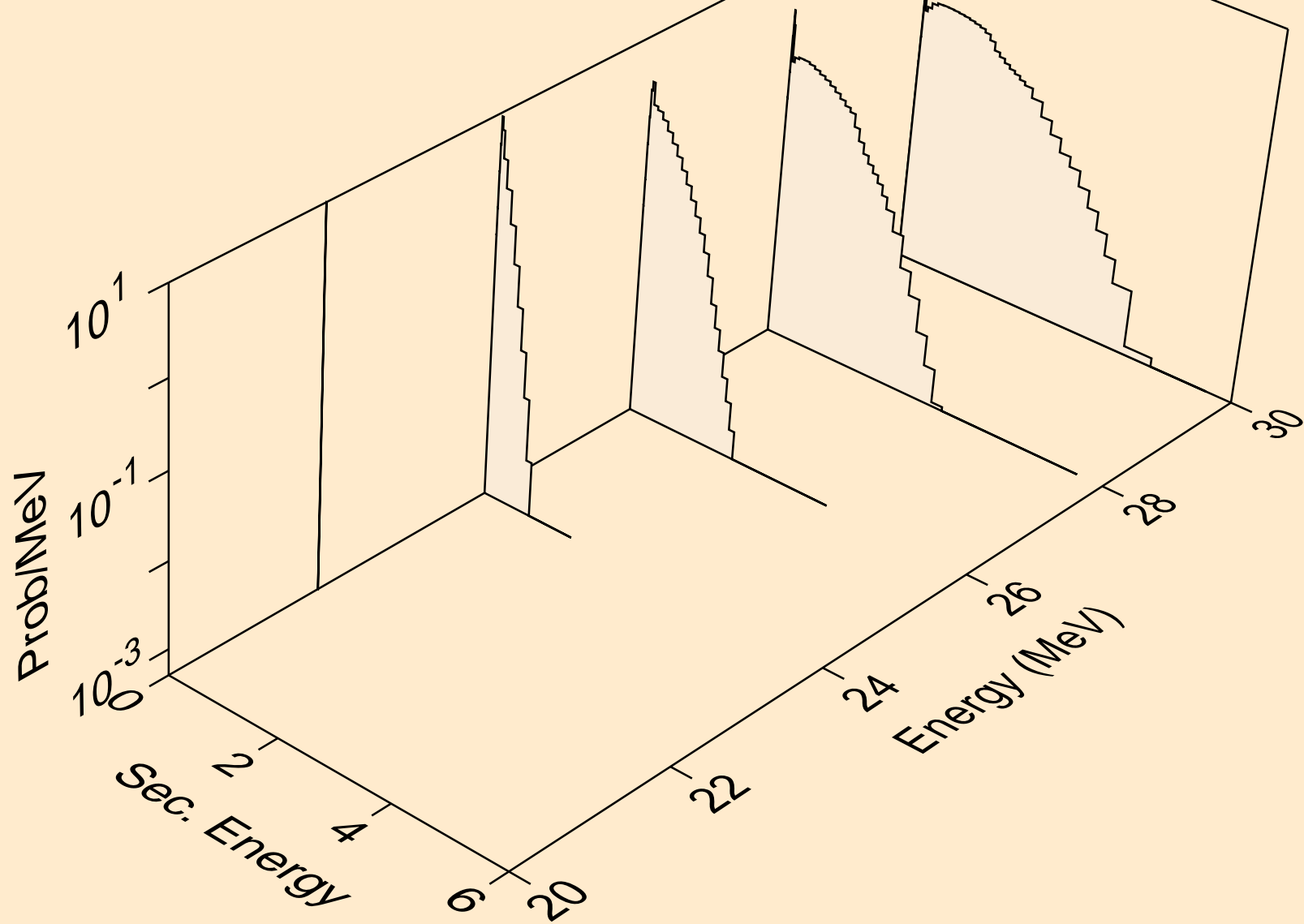
S034 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)d



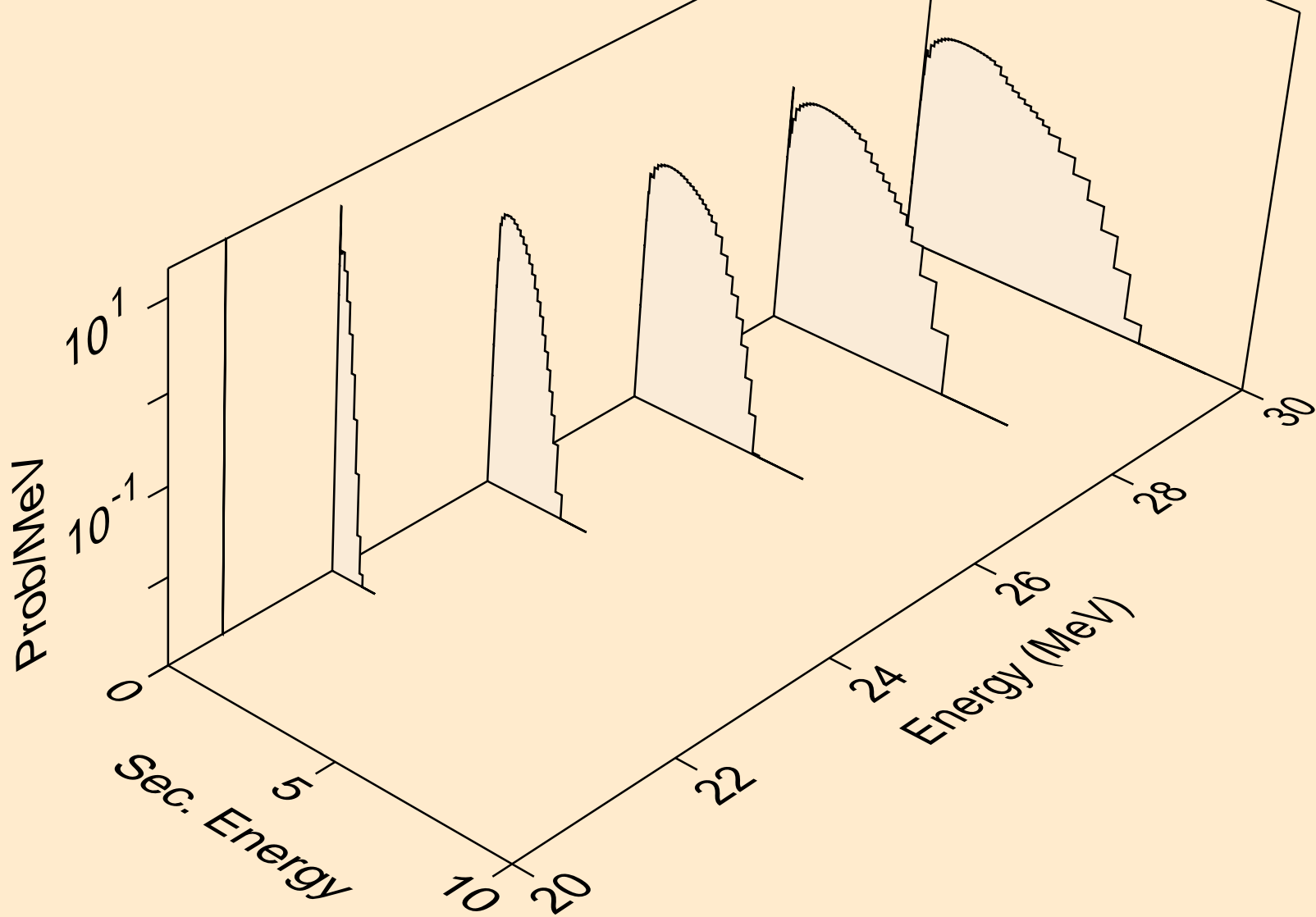
S034 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)t



S034 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3

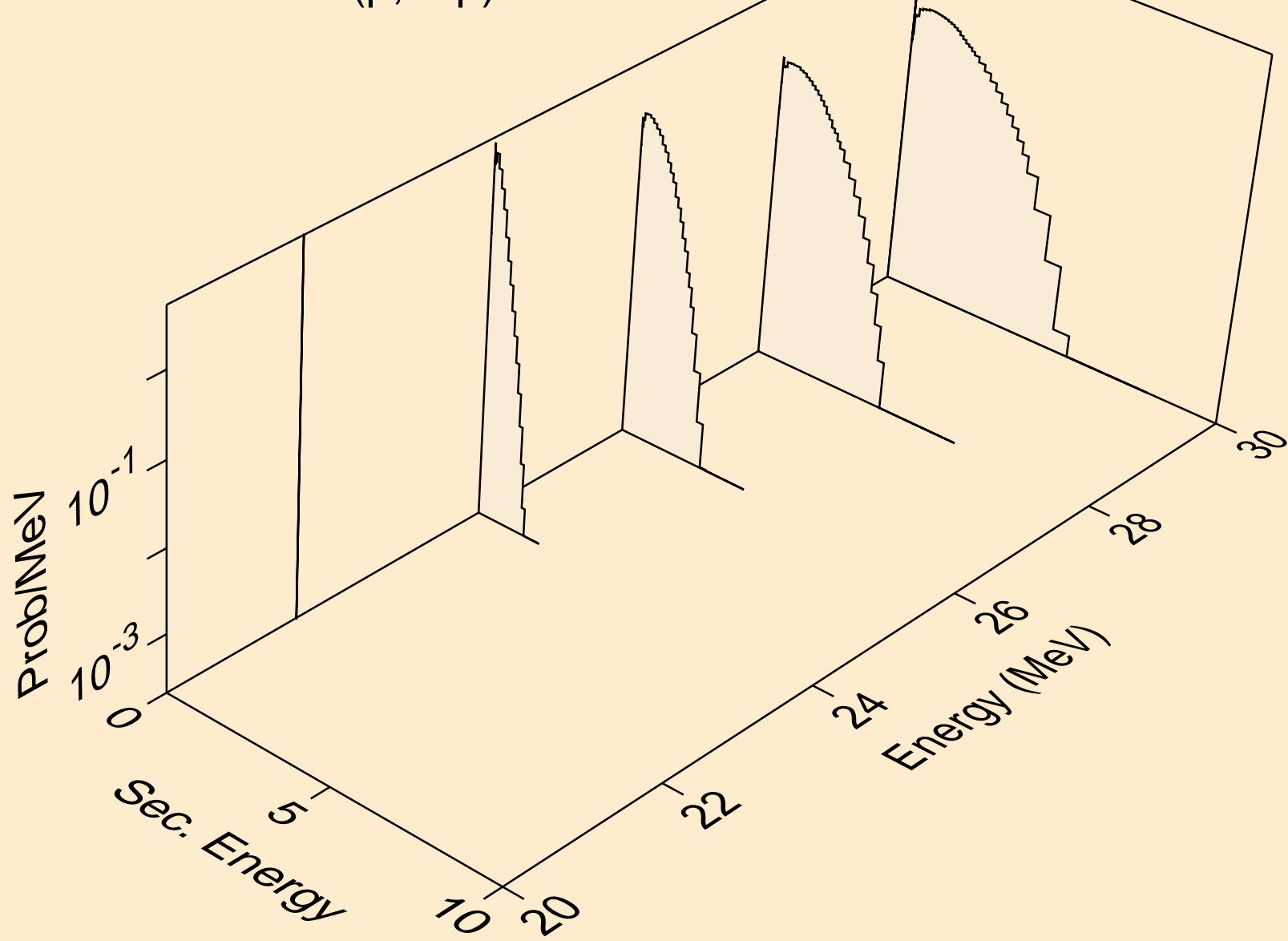


S034 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2np)

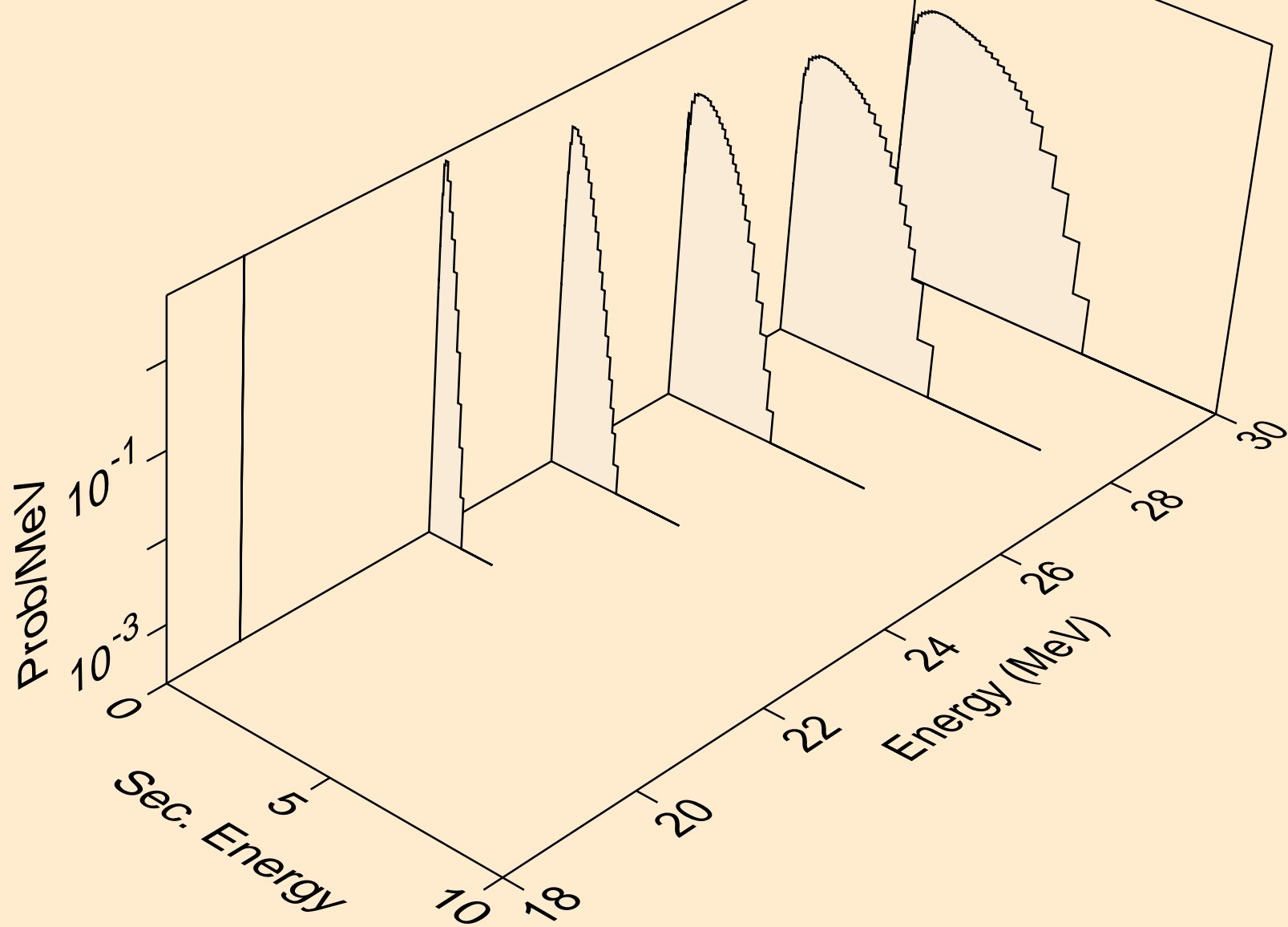




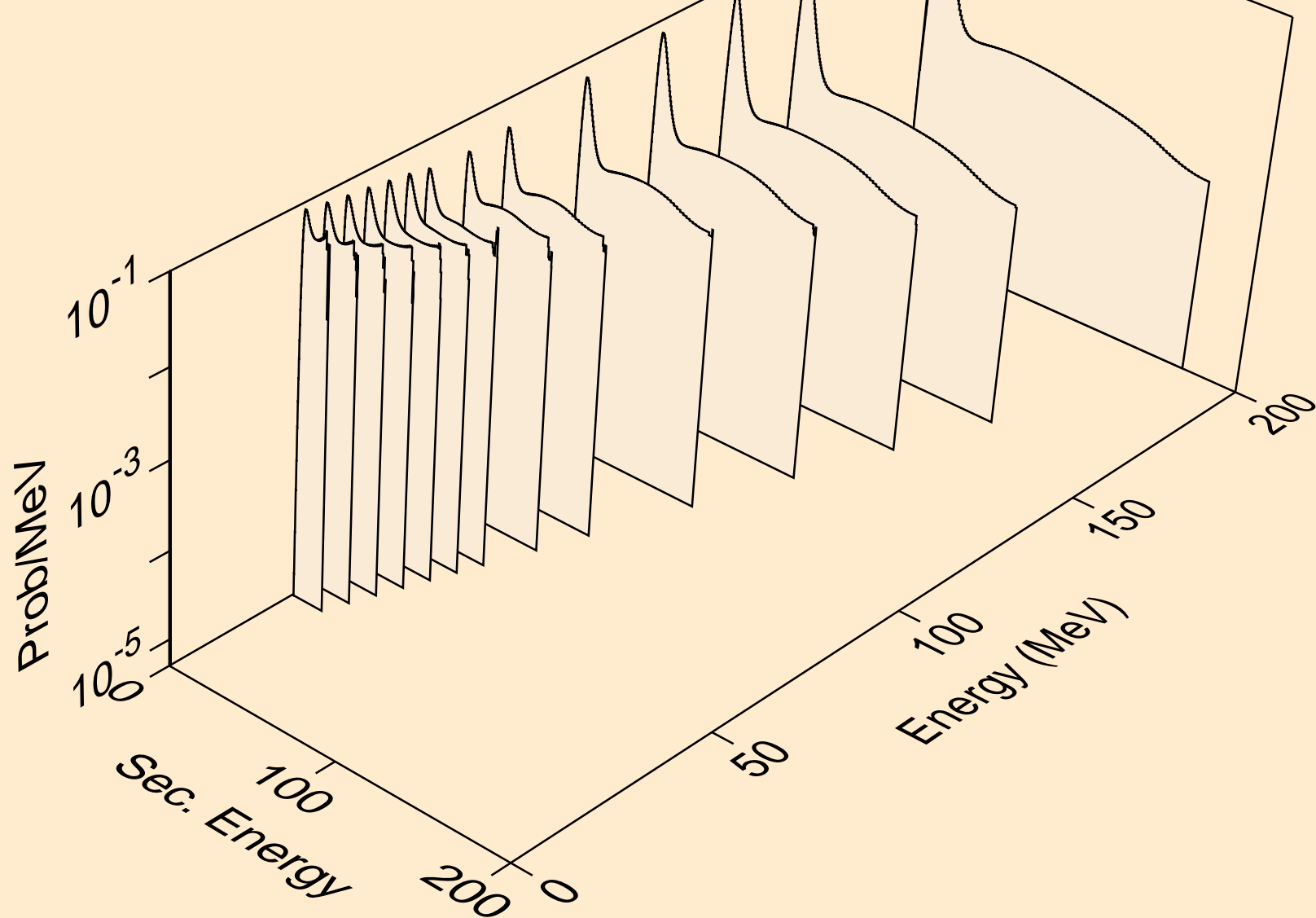
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neutrons from (p,n2p)



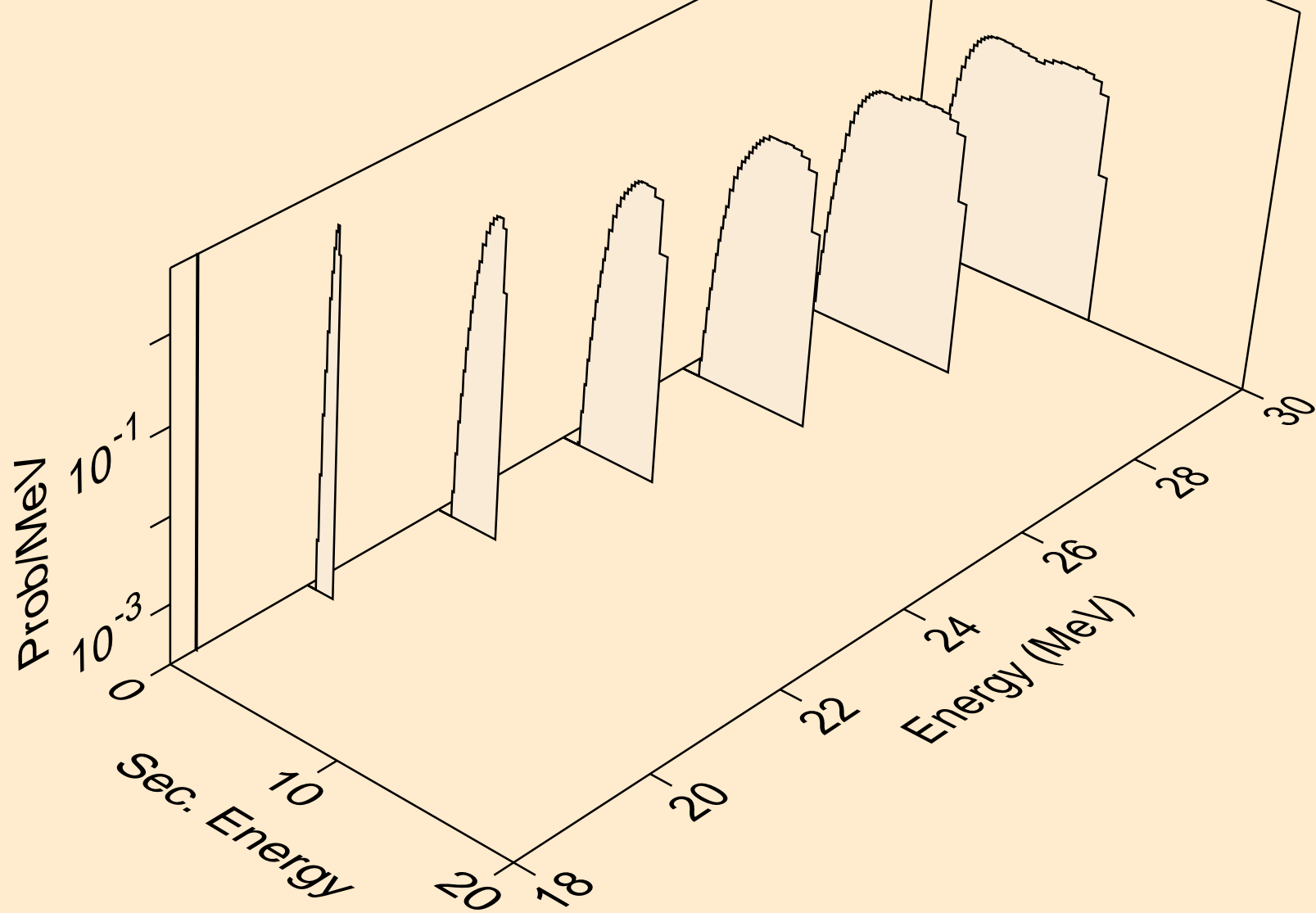
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neutrons from (p,npa)



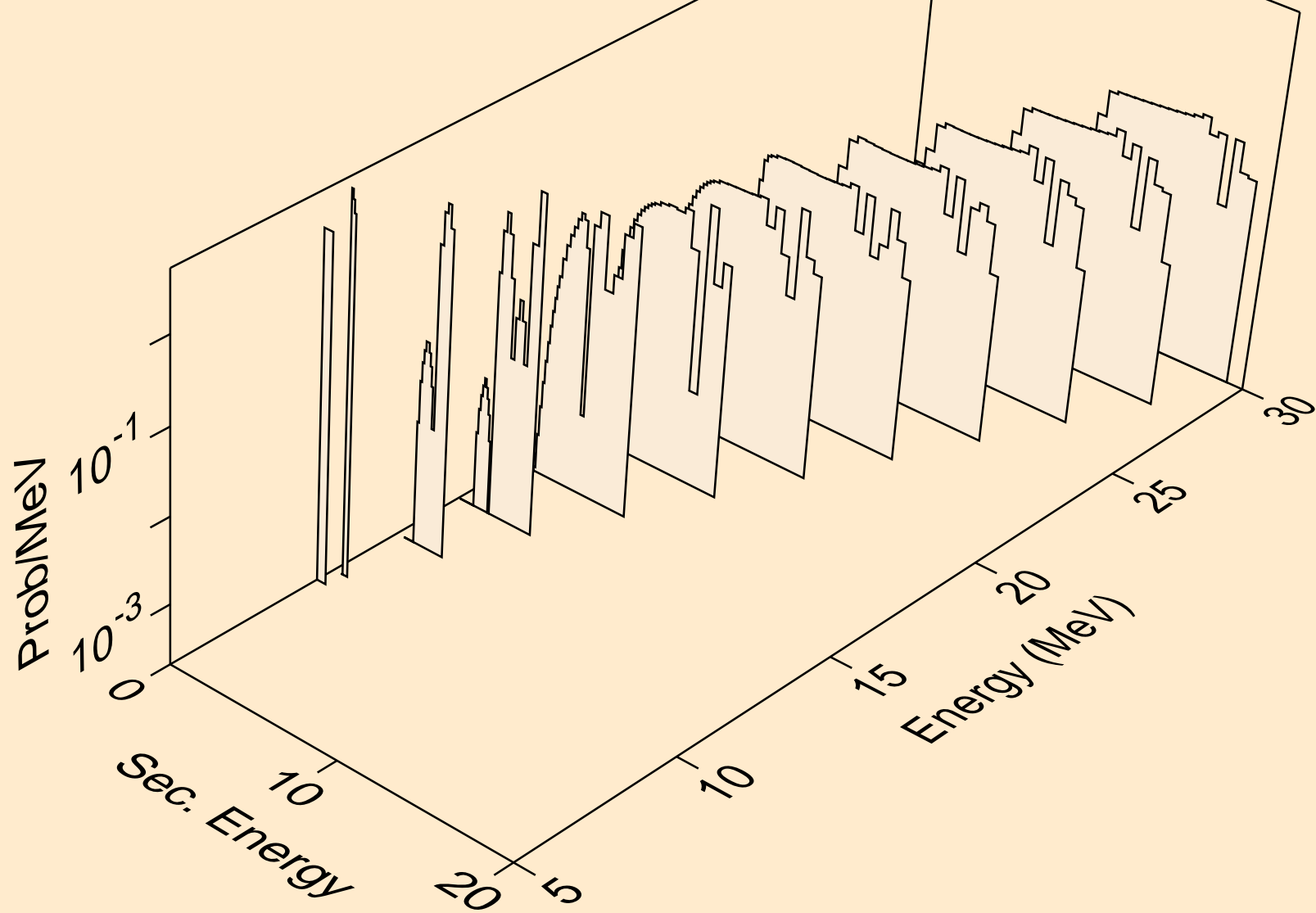
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deuterons from (p,x)



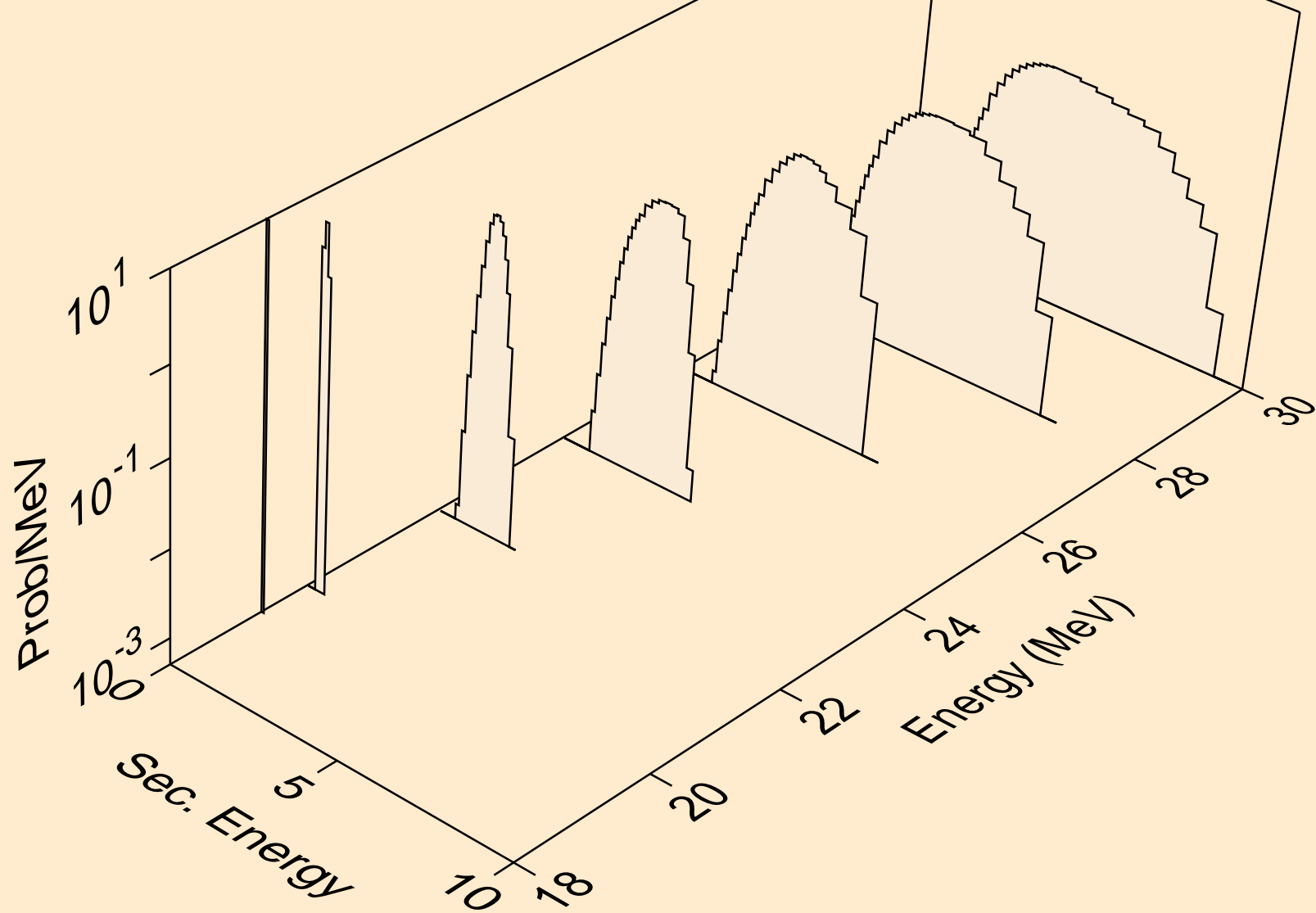
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deuterons from (p,n\*)d



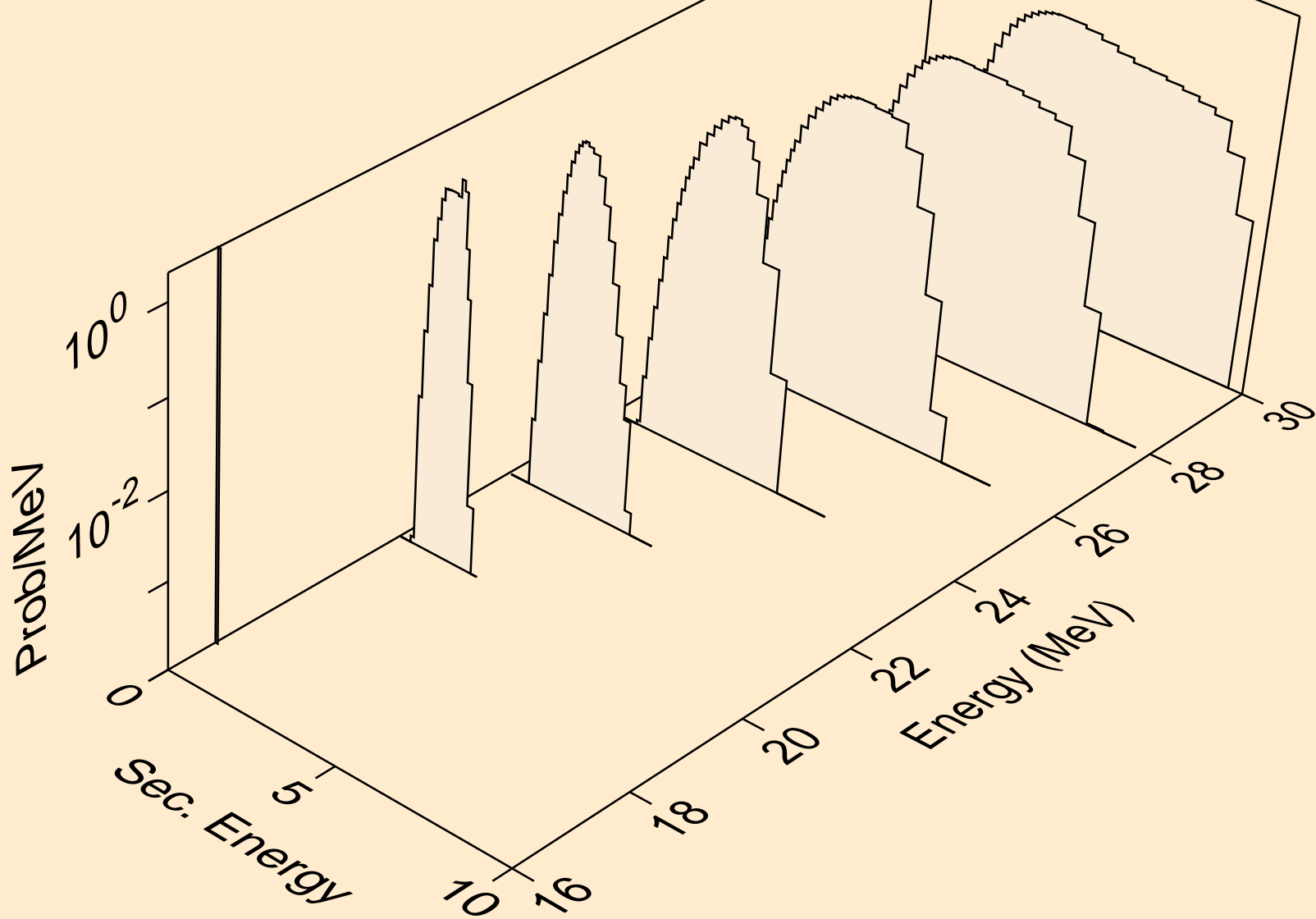
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deuterons from (p,d)



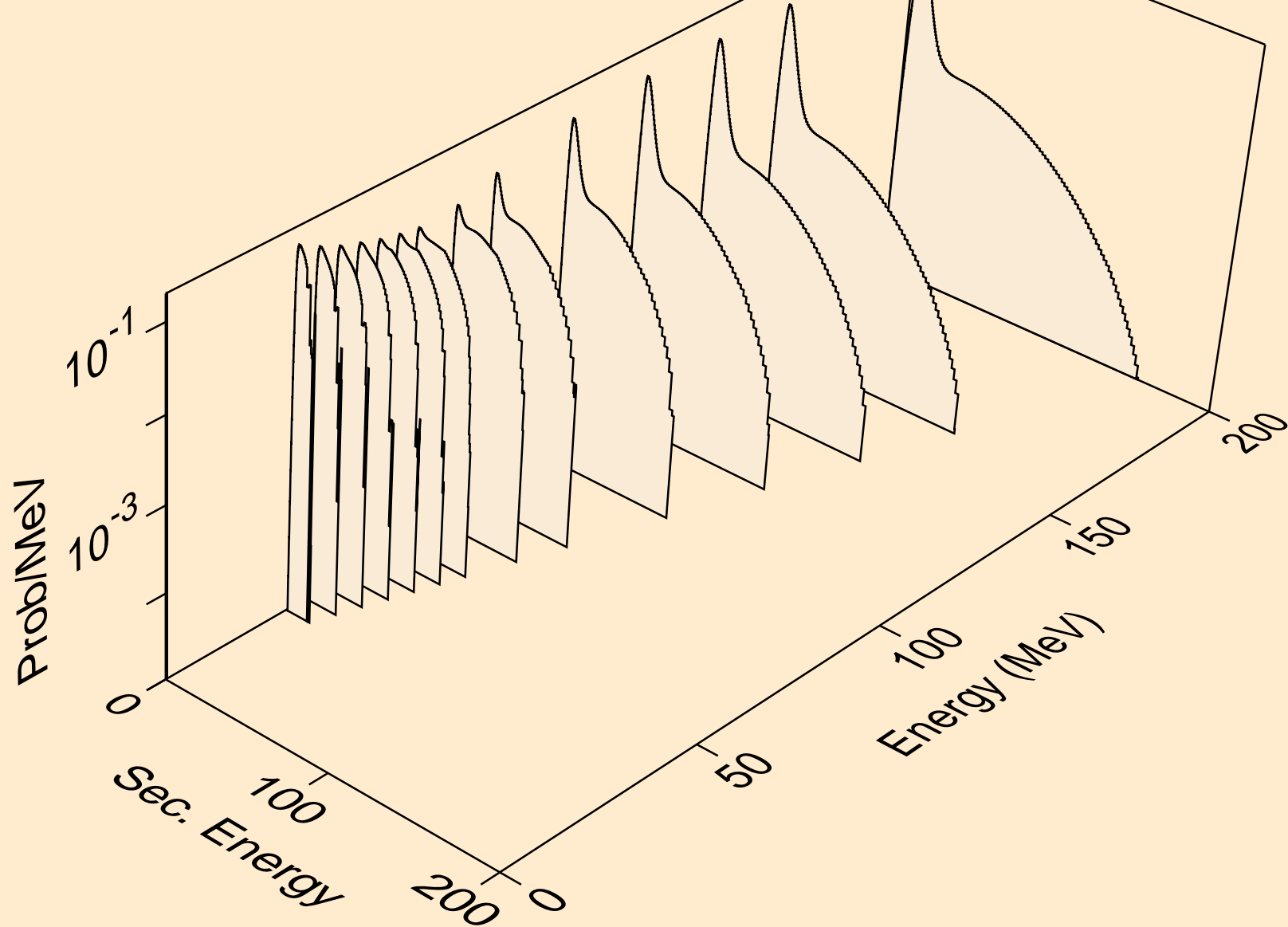
S034 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,pd)



S034 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,da)

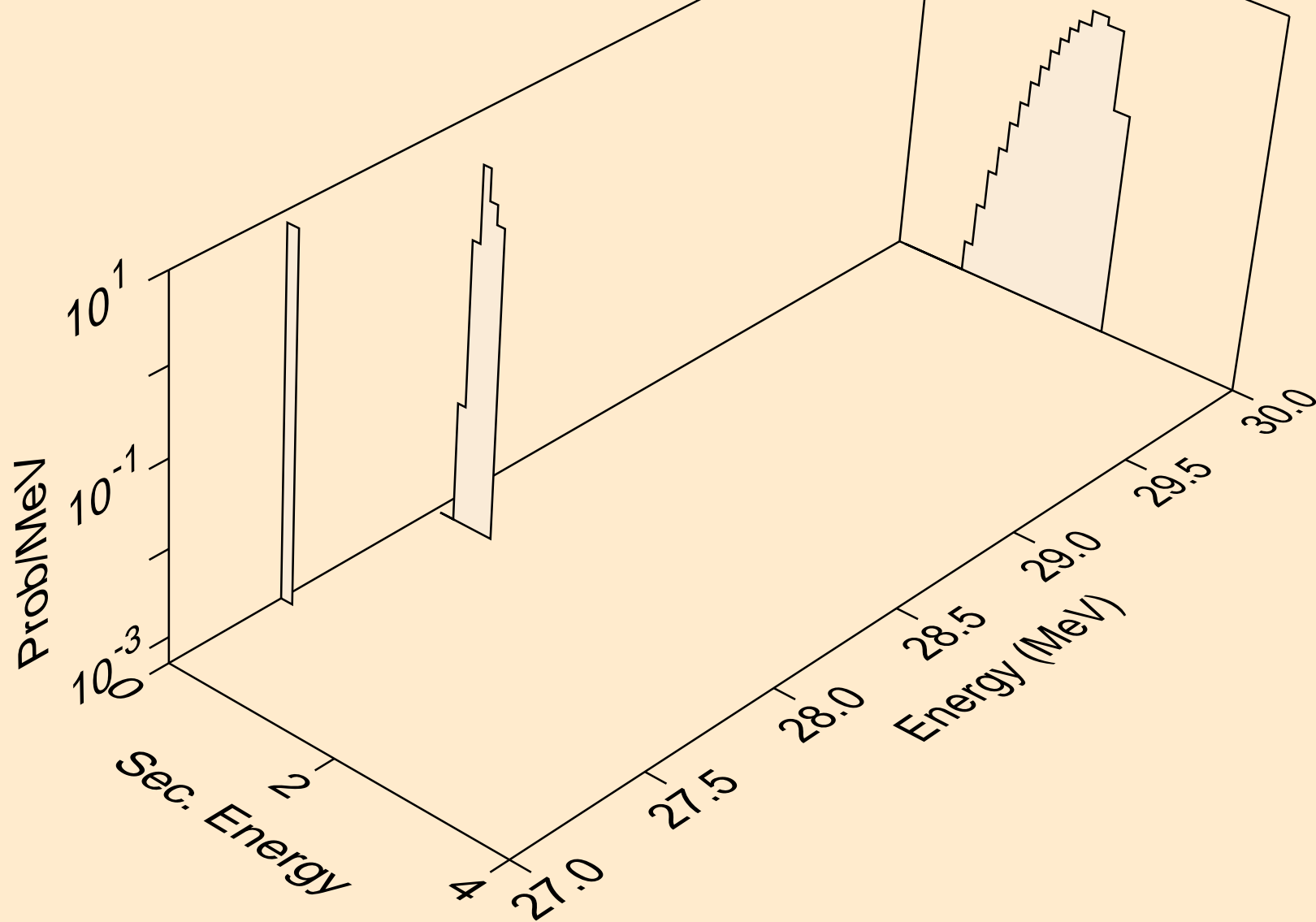


S034 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)

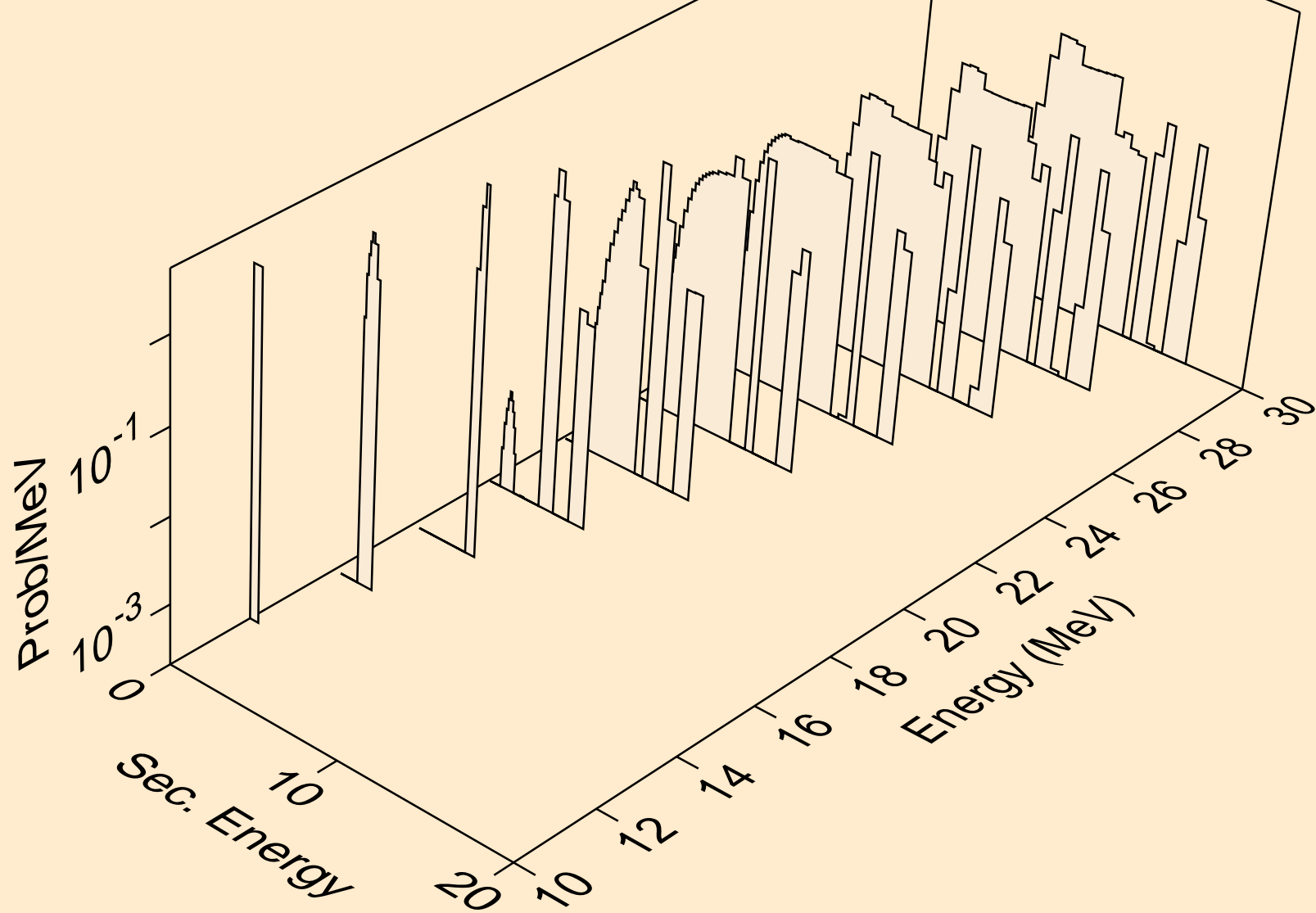




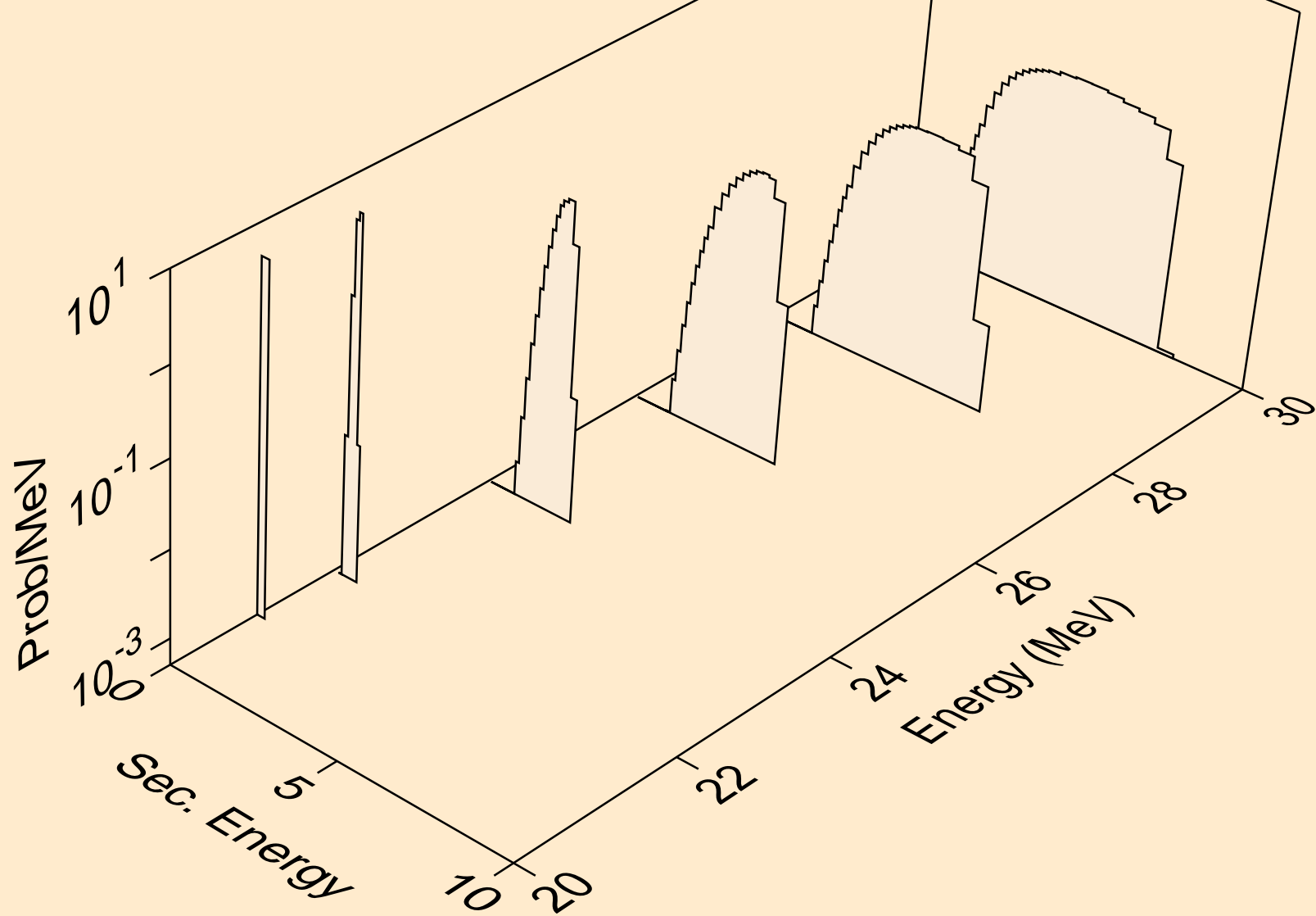
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tritons from (p,n\*)t



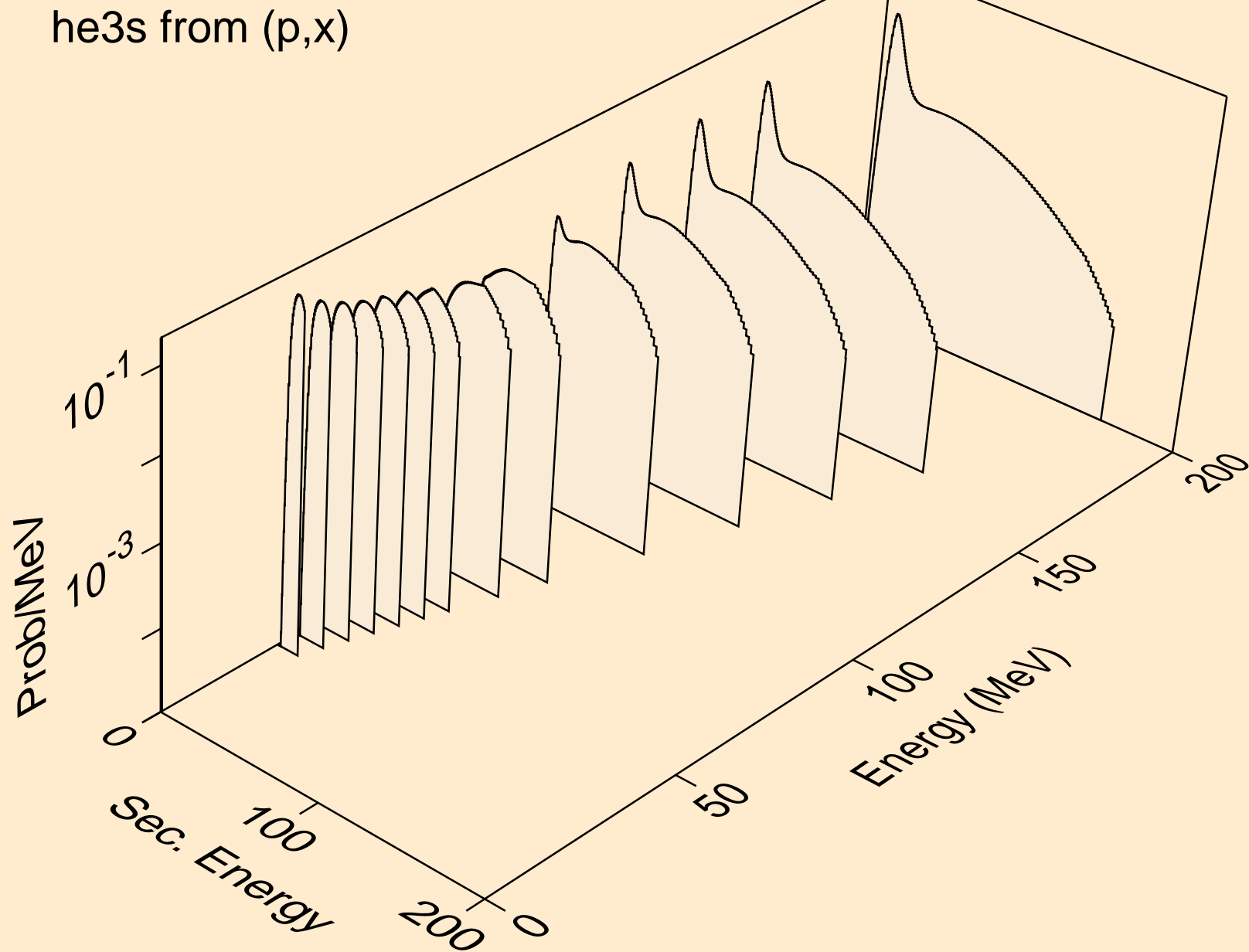
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tritons from (p,t)



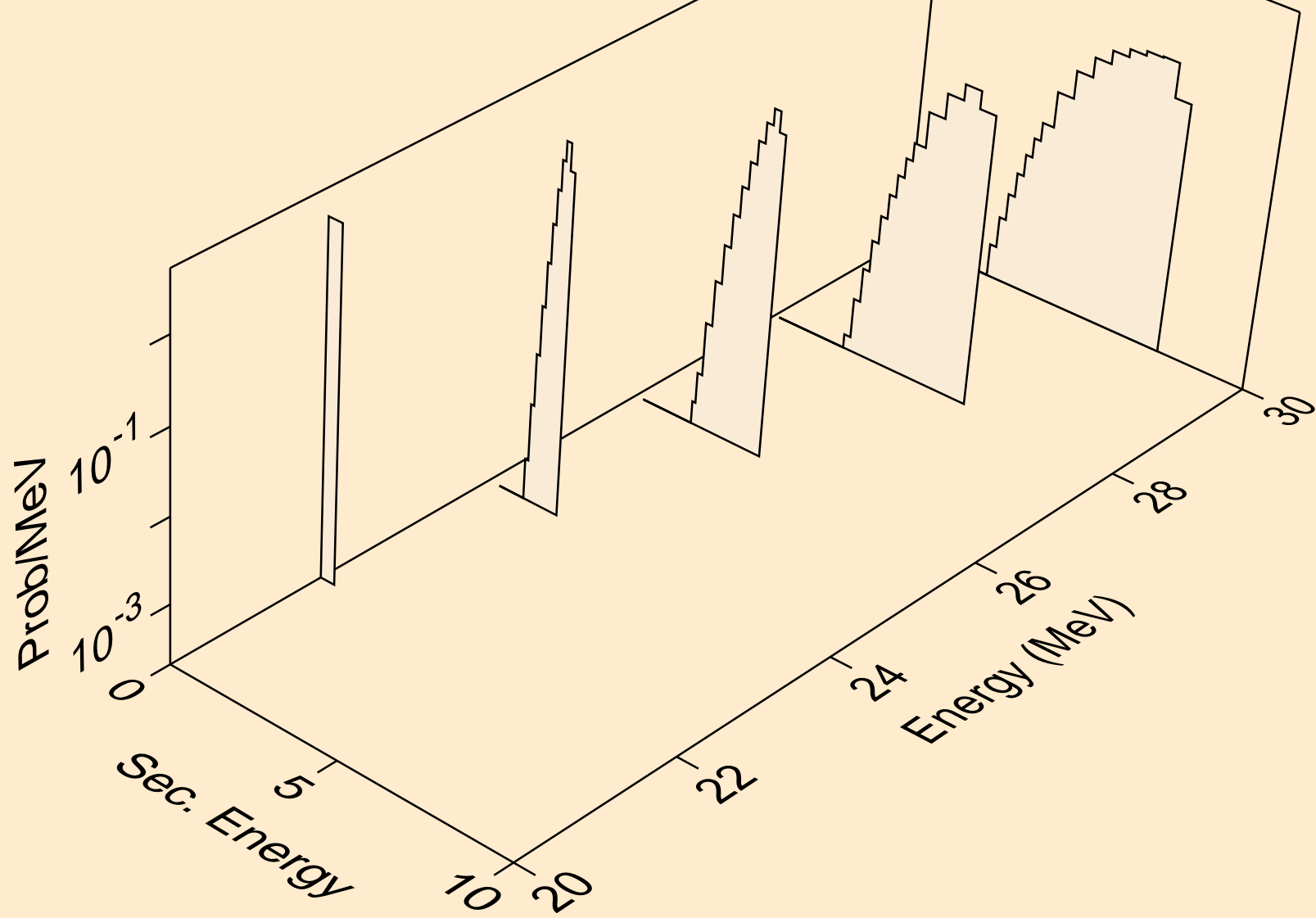
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tritons from (p,pt)



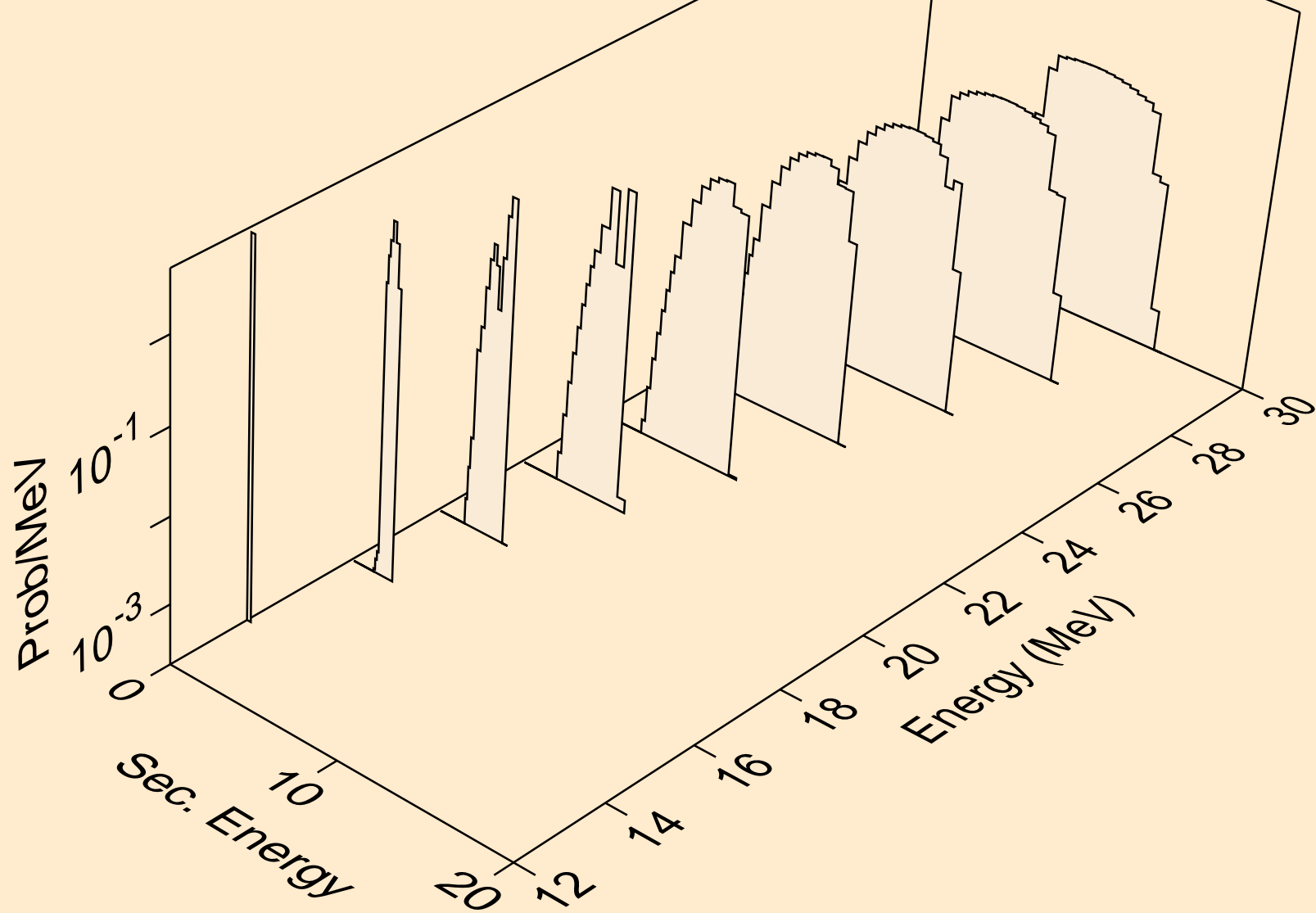
S034 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)



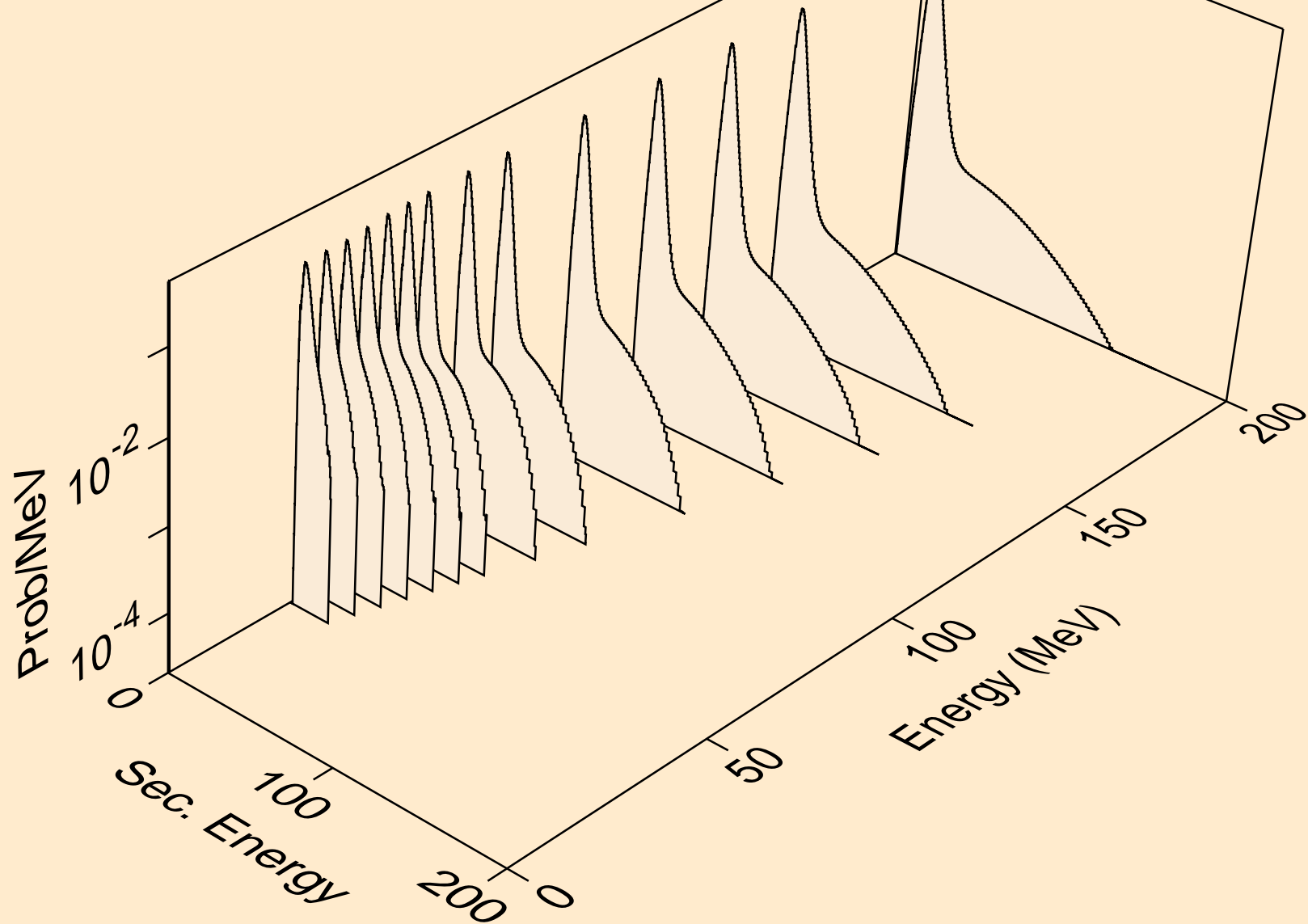
S034 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3



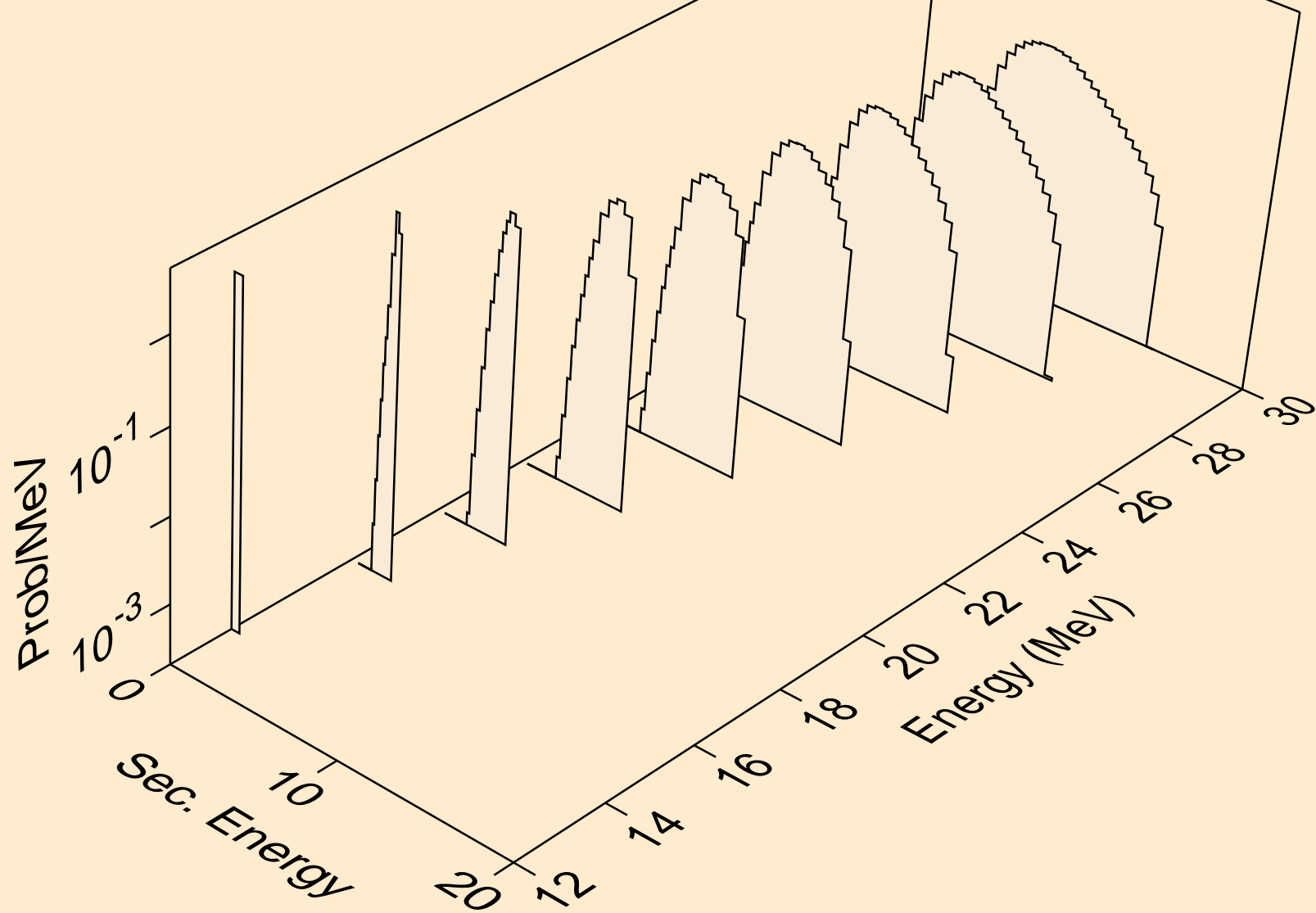
S034 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,he3)



S034 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)

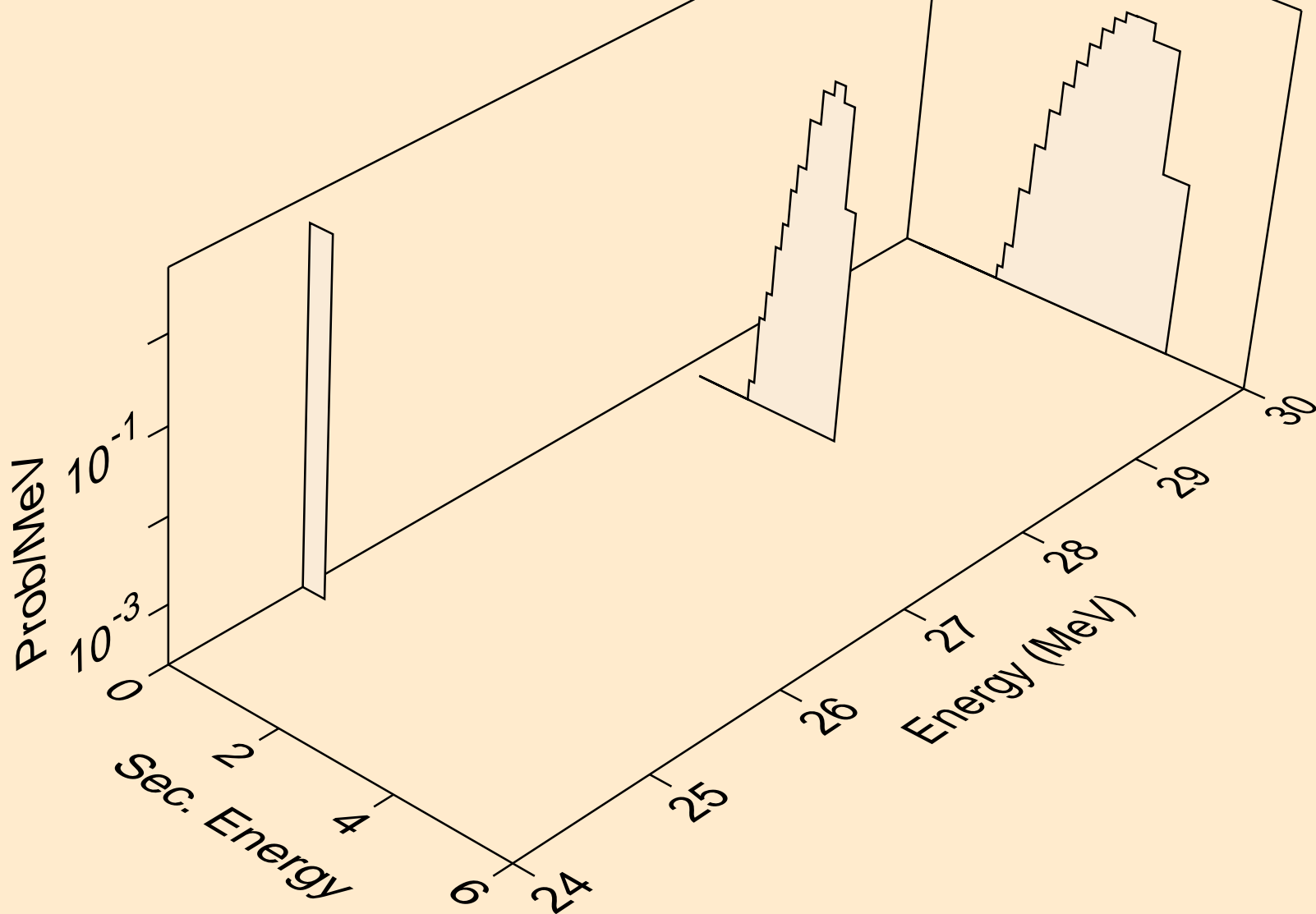


S034 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a

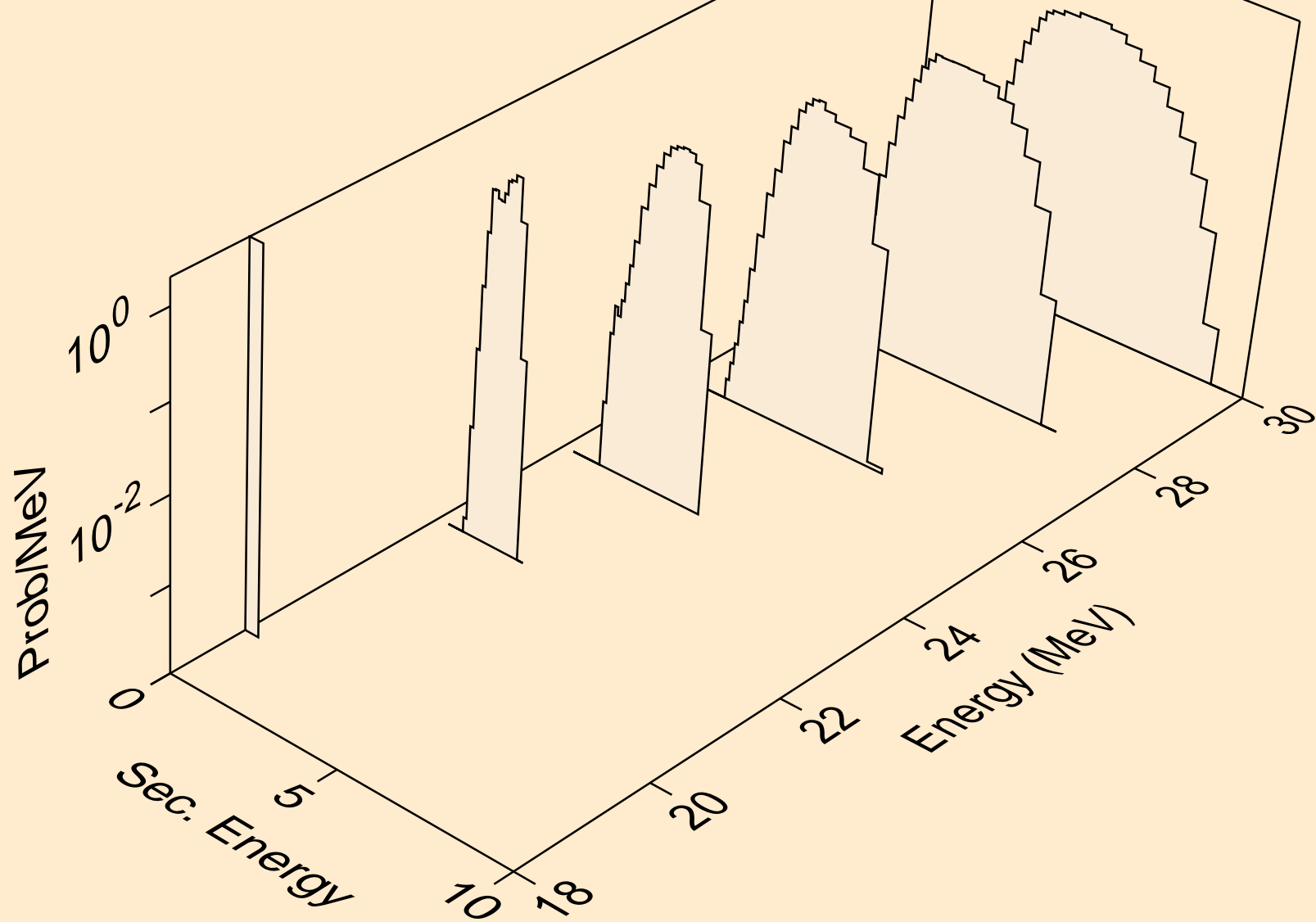




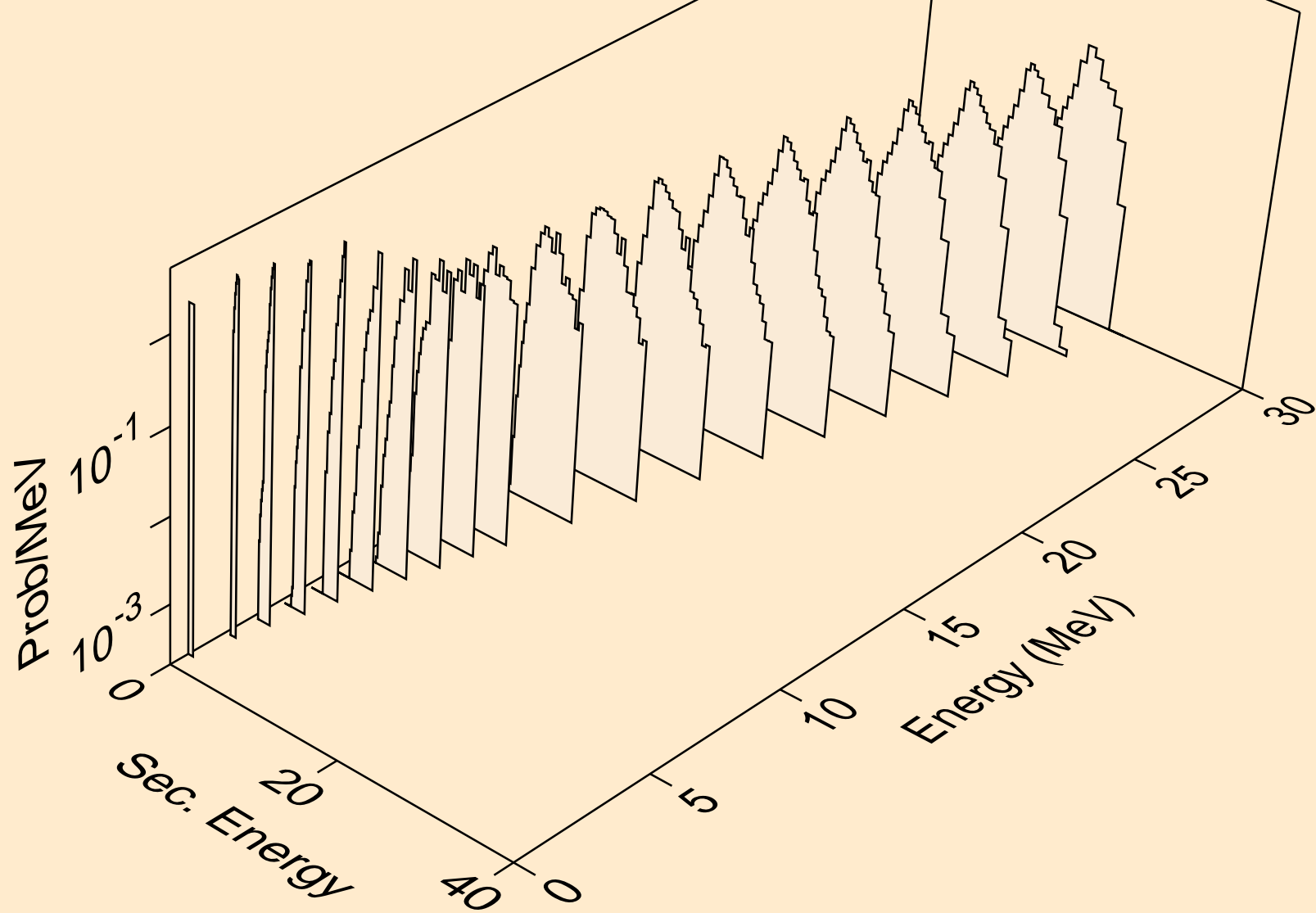
S034 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a



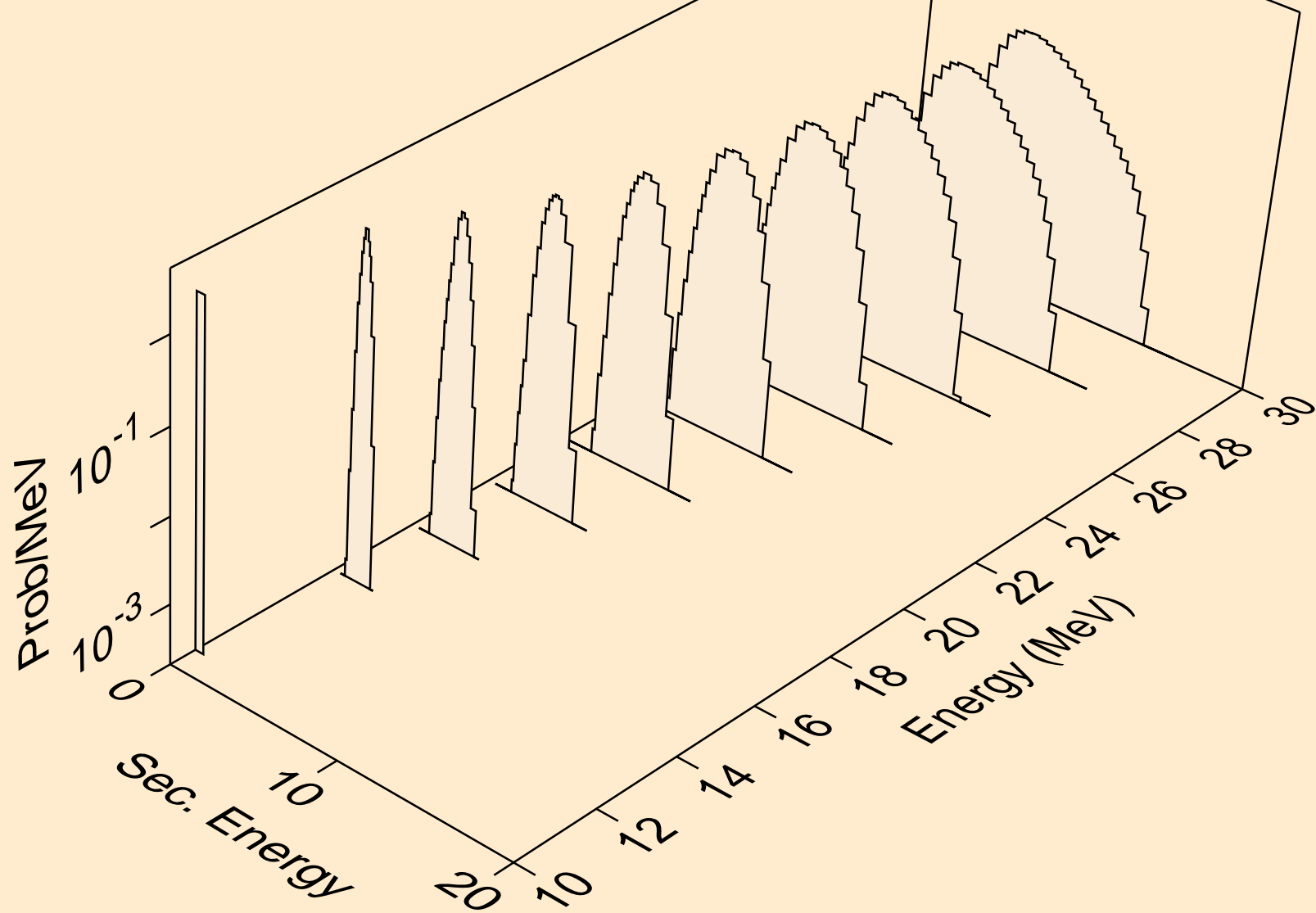
S034 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,npa)



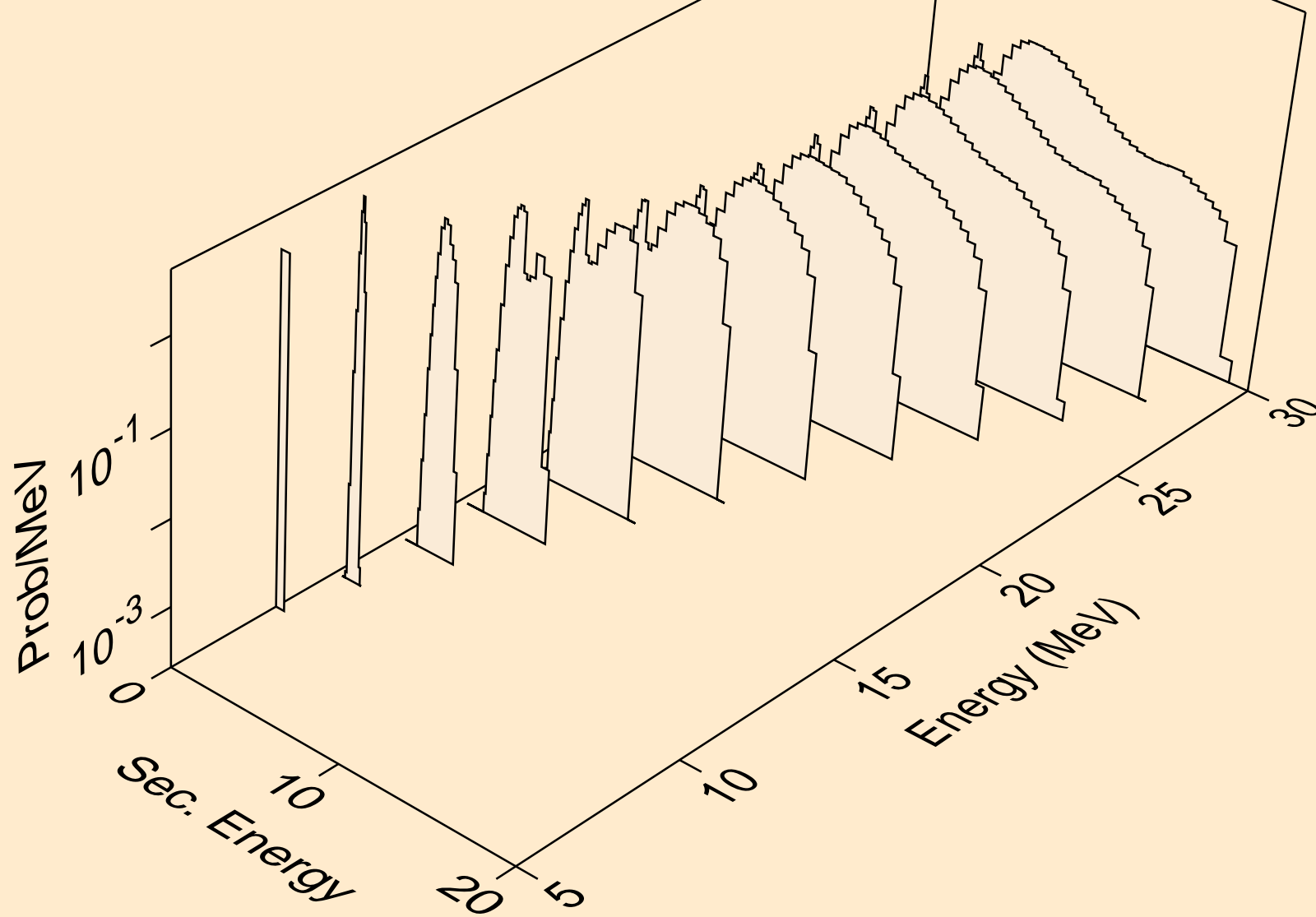
S034 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)



S034 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2a)



S034 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,pa)



S034 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,da)

