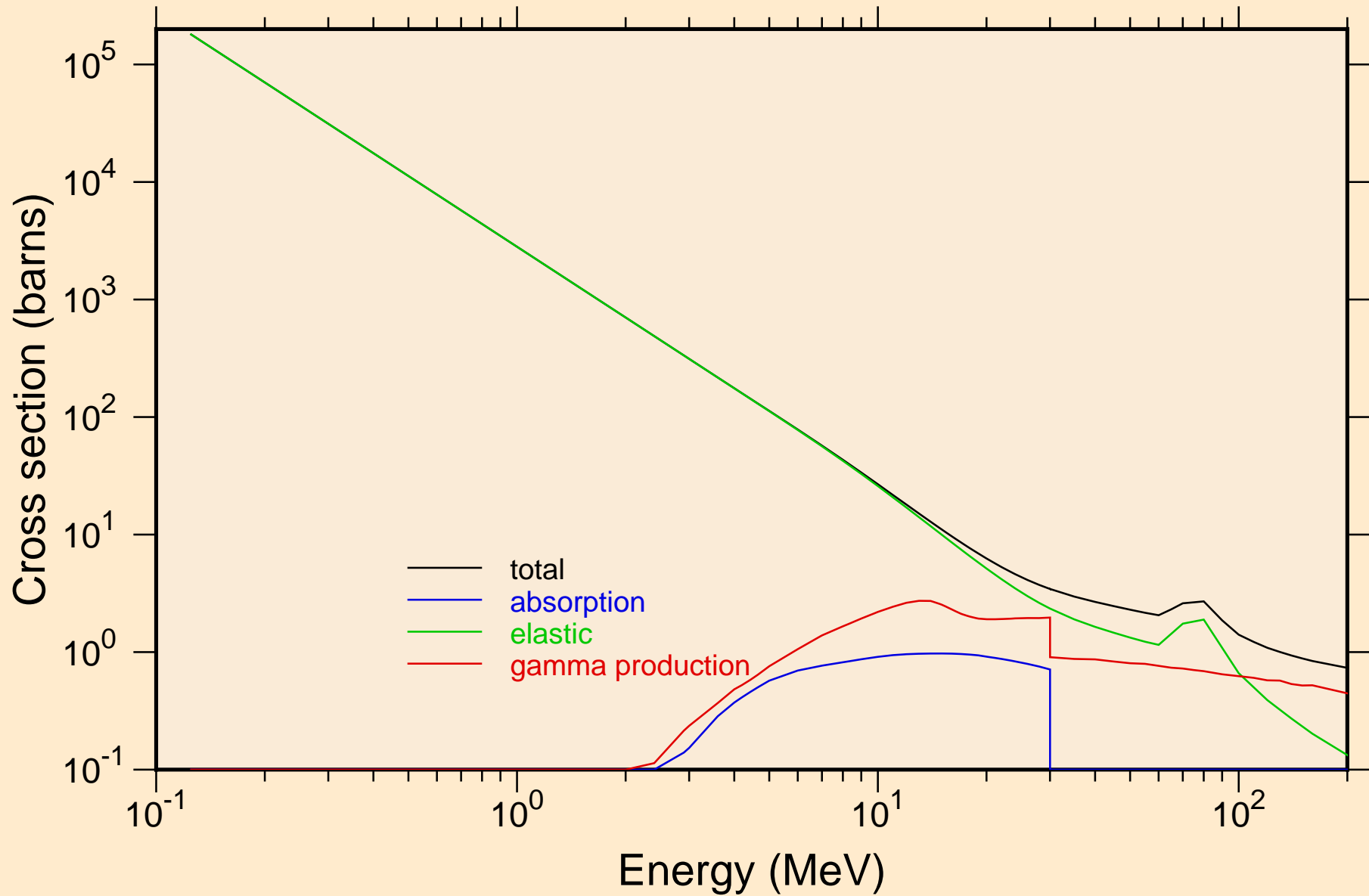


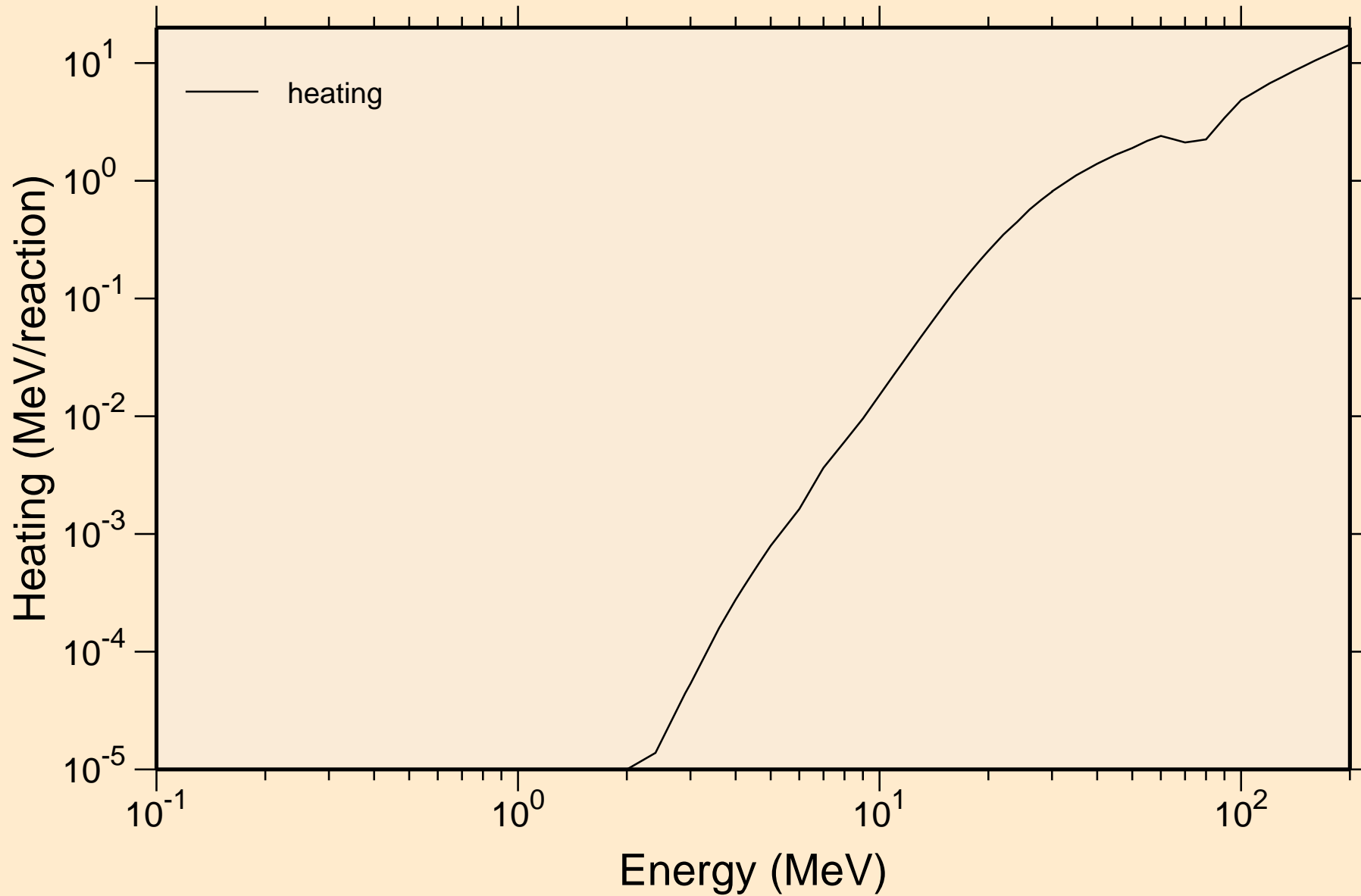
# SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



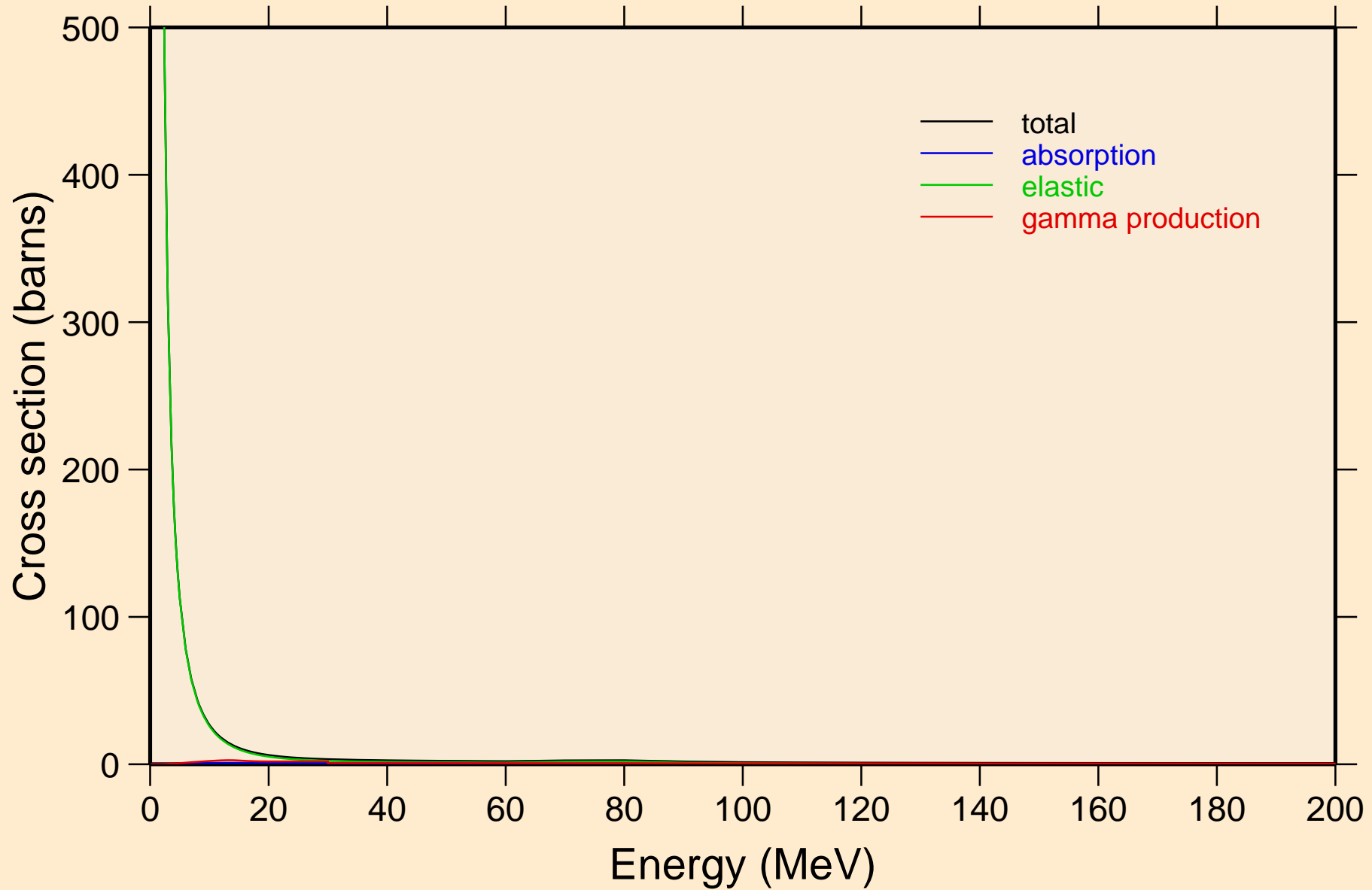
# SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



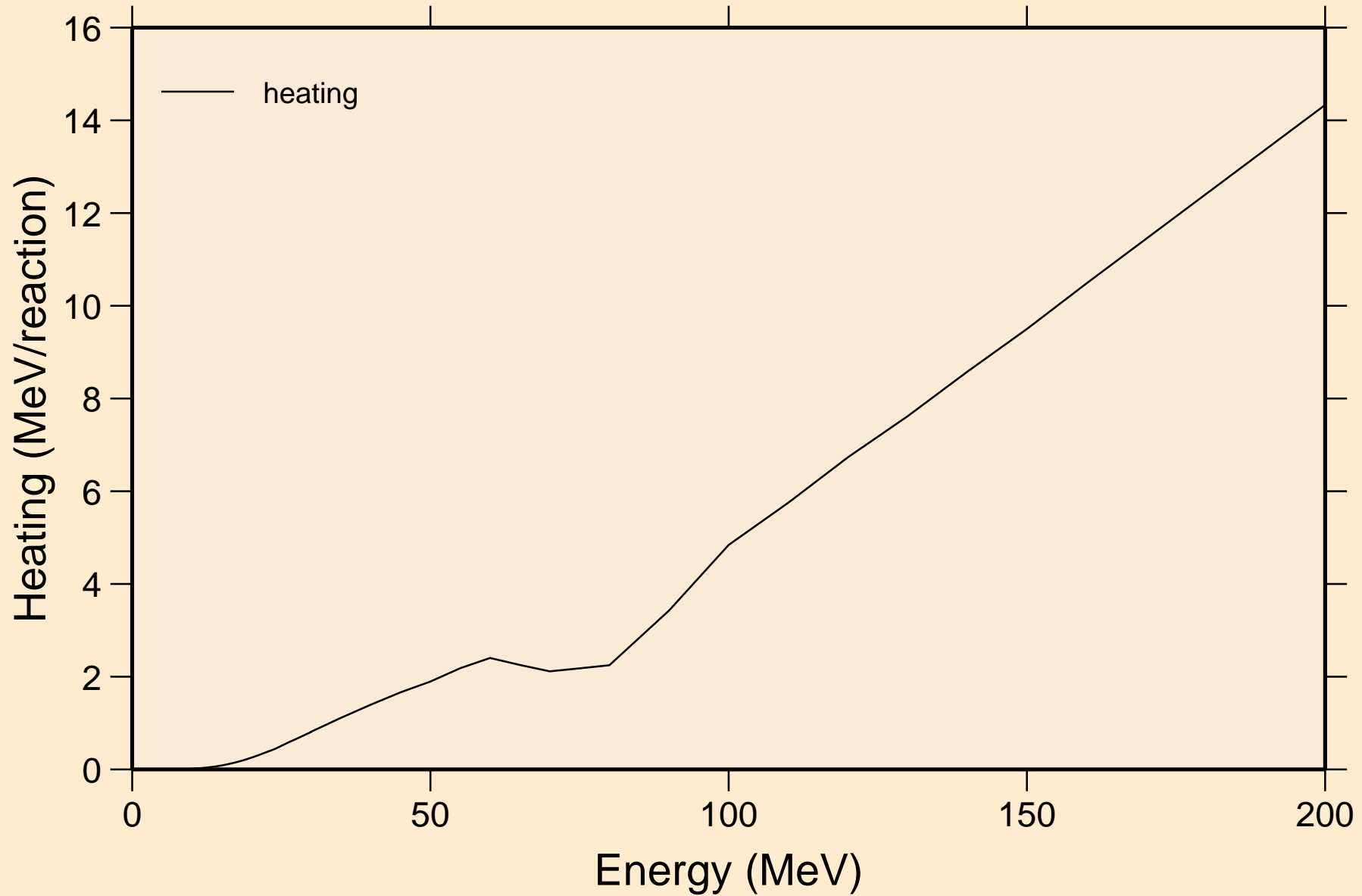
# SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



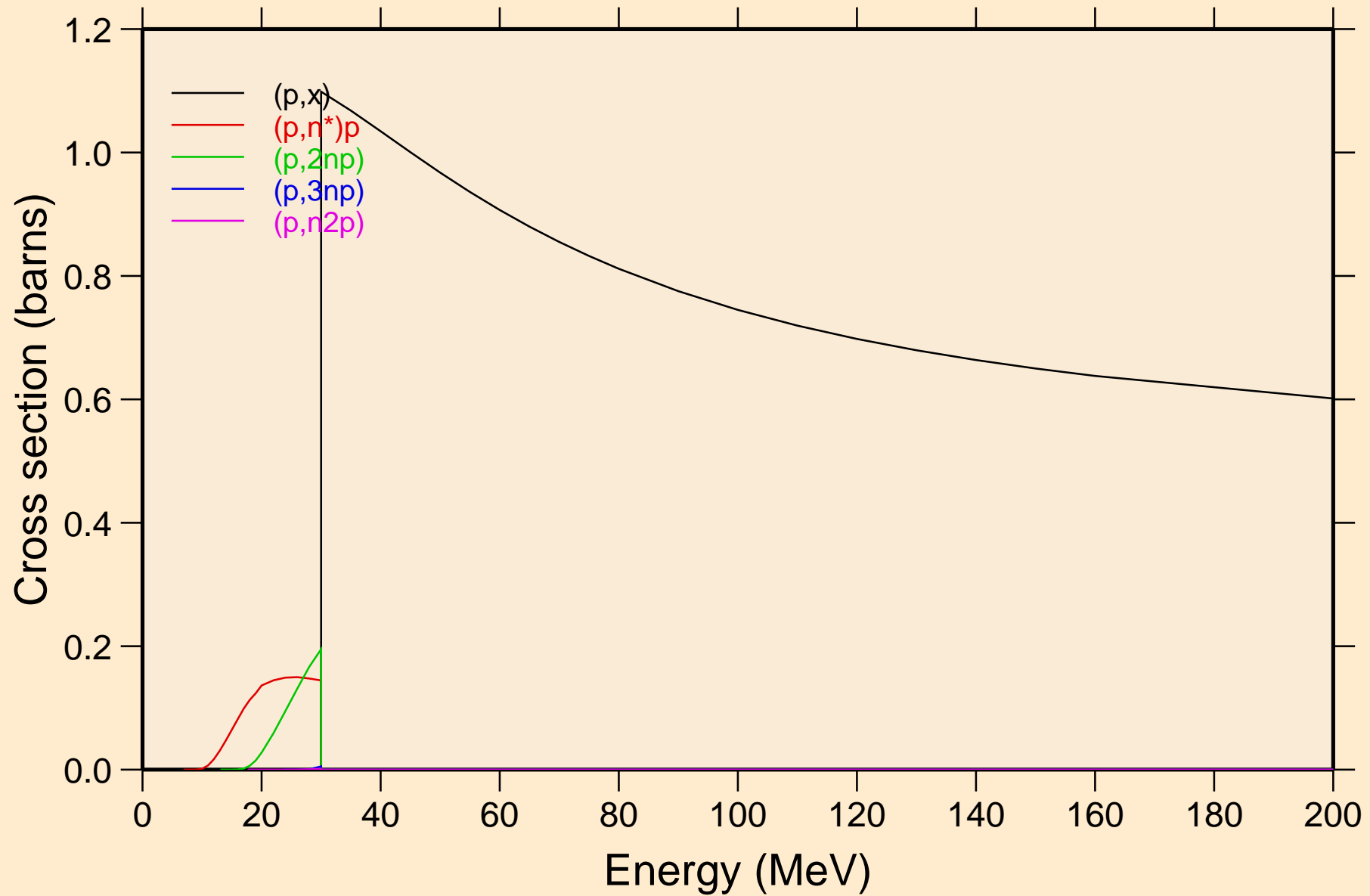
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## Heating



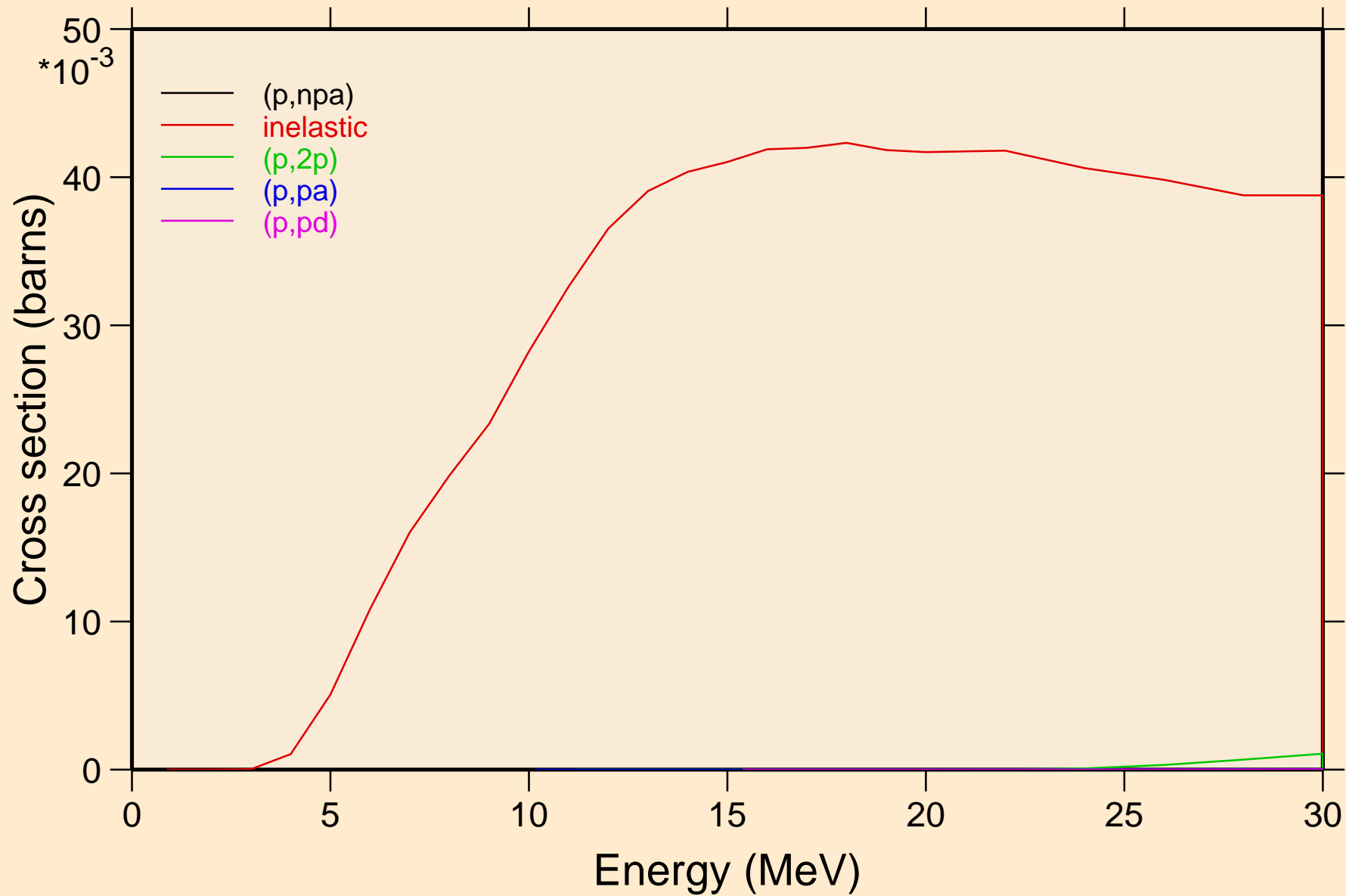
# SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

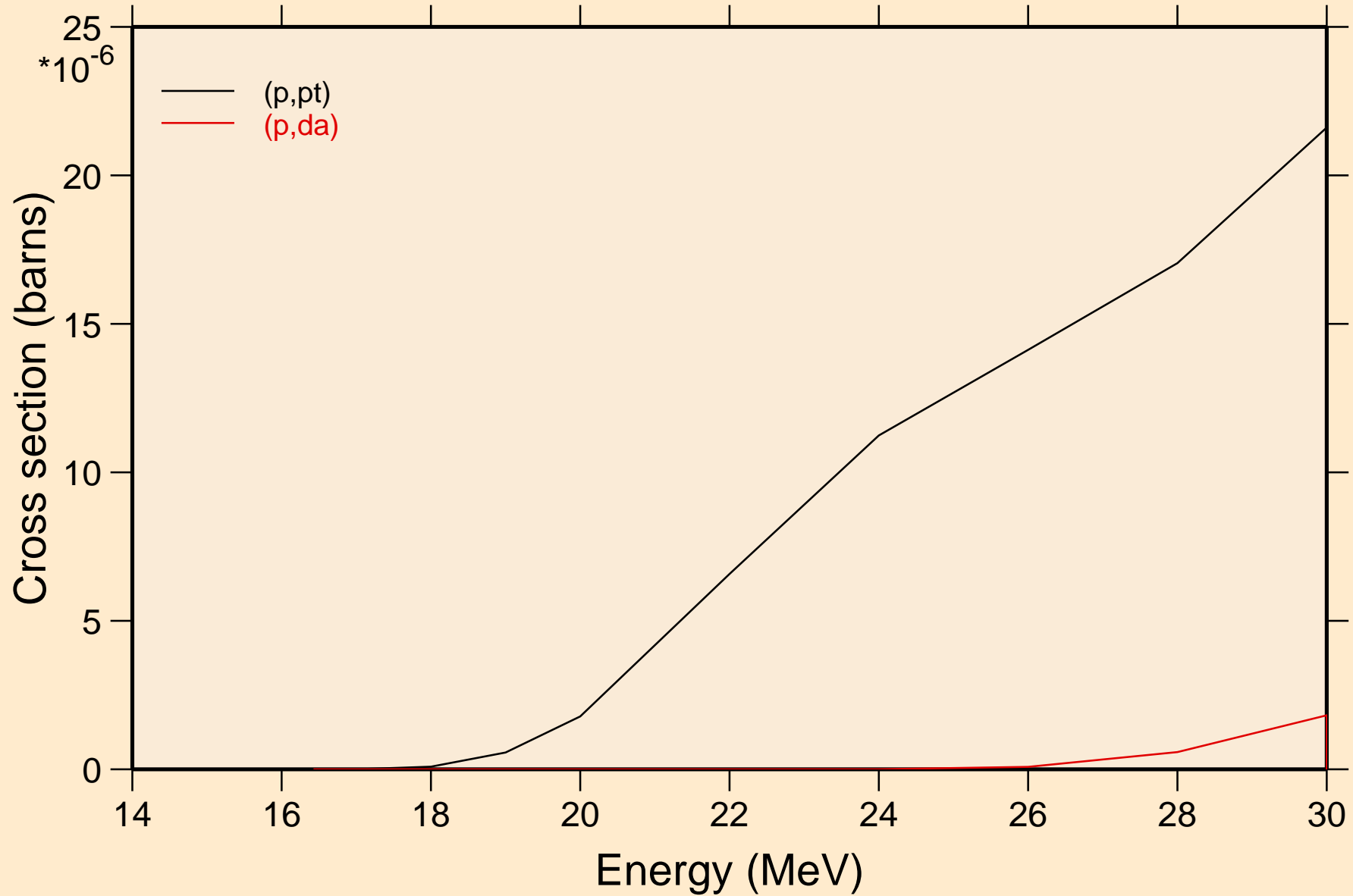


# SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K

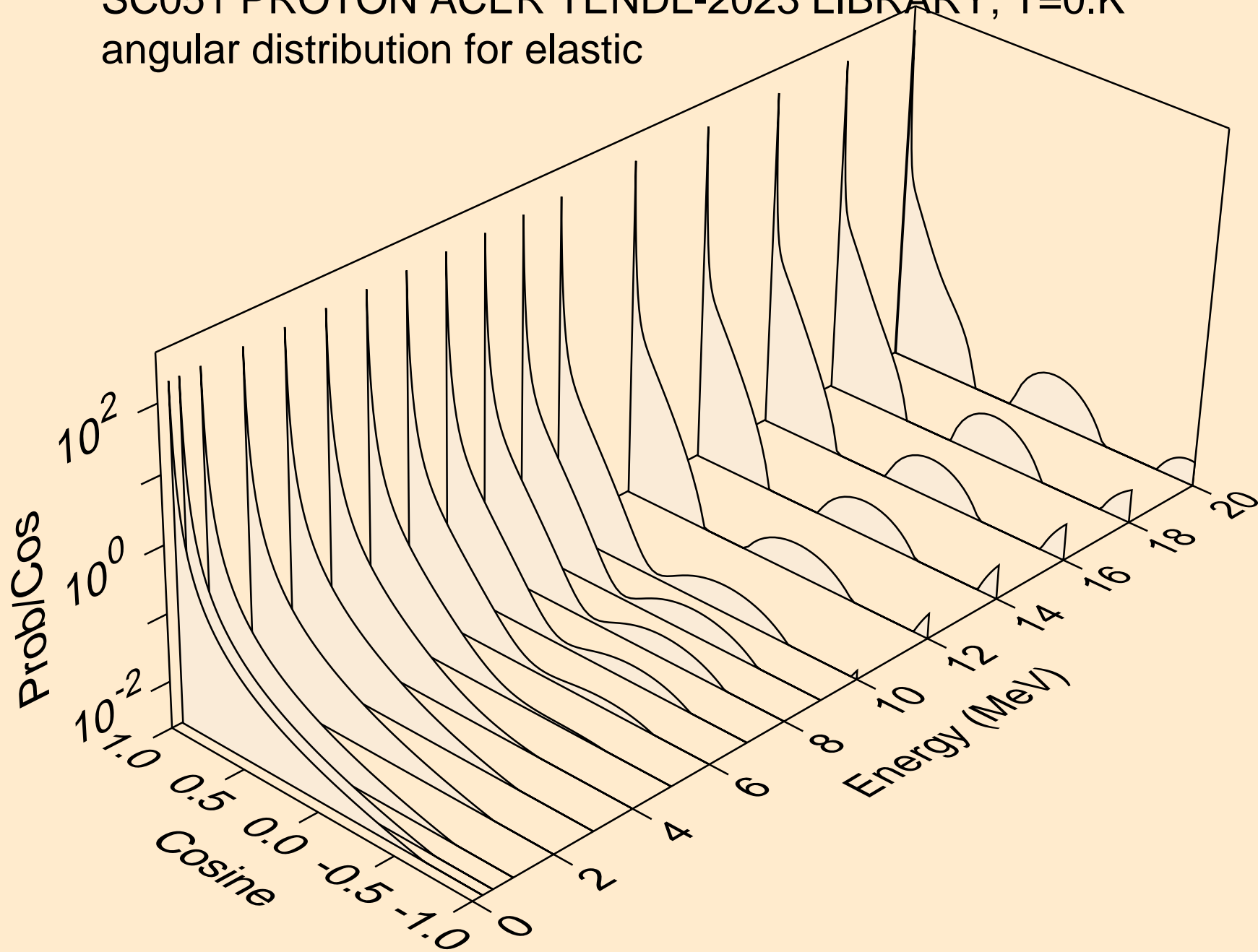
## Threshold reactions



SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

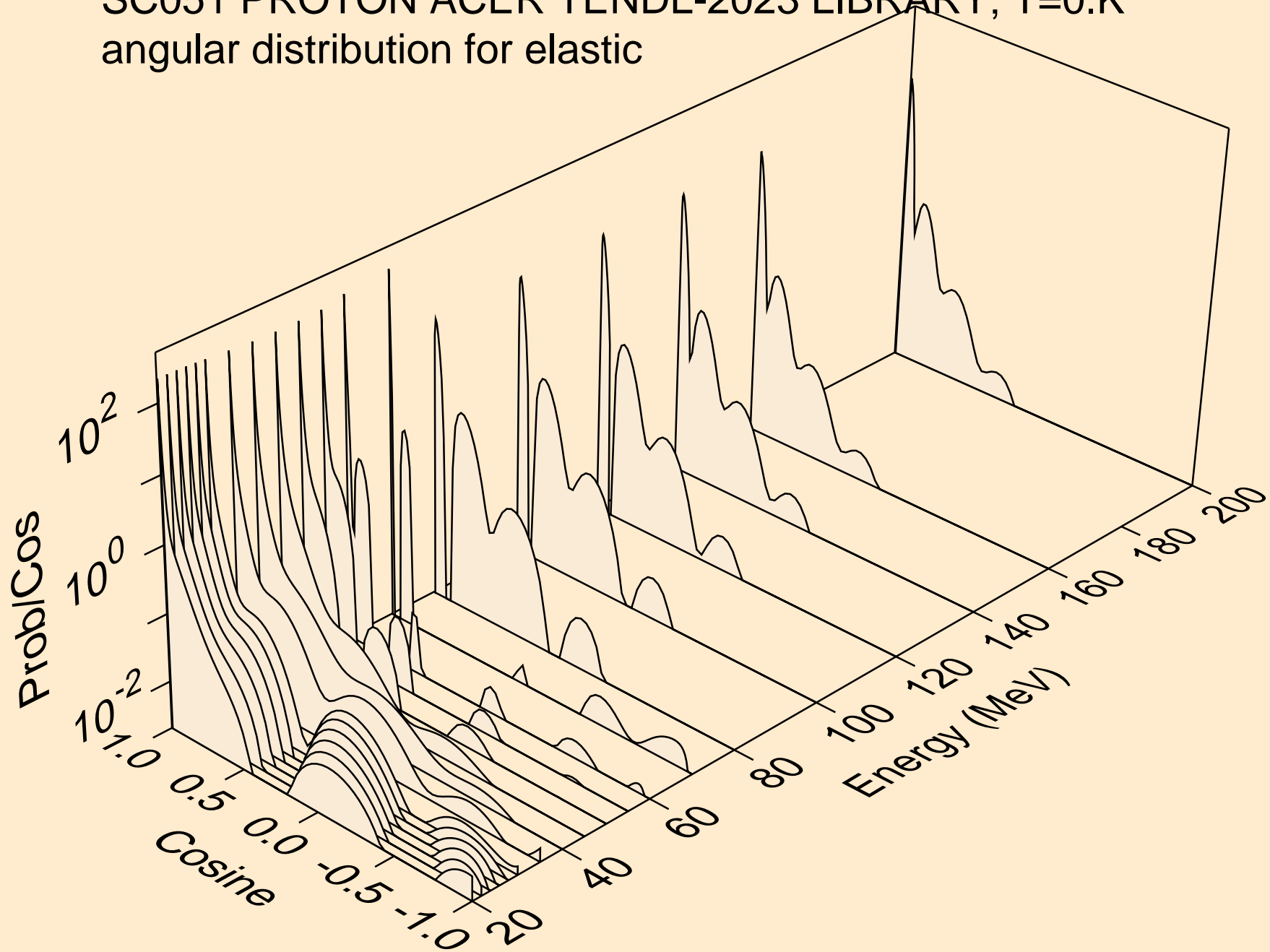


SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

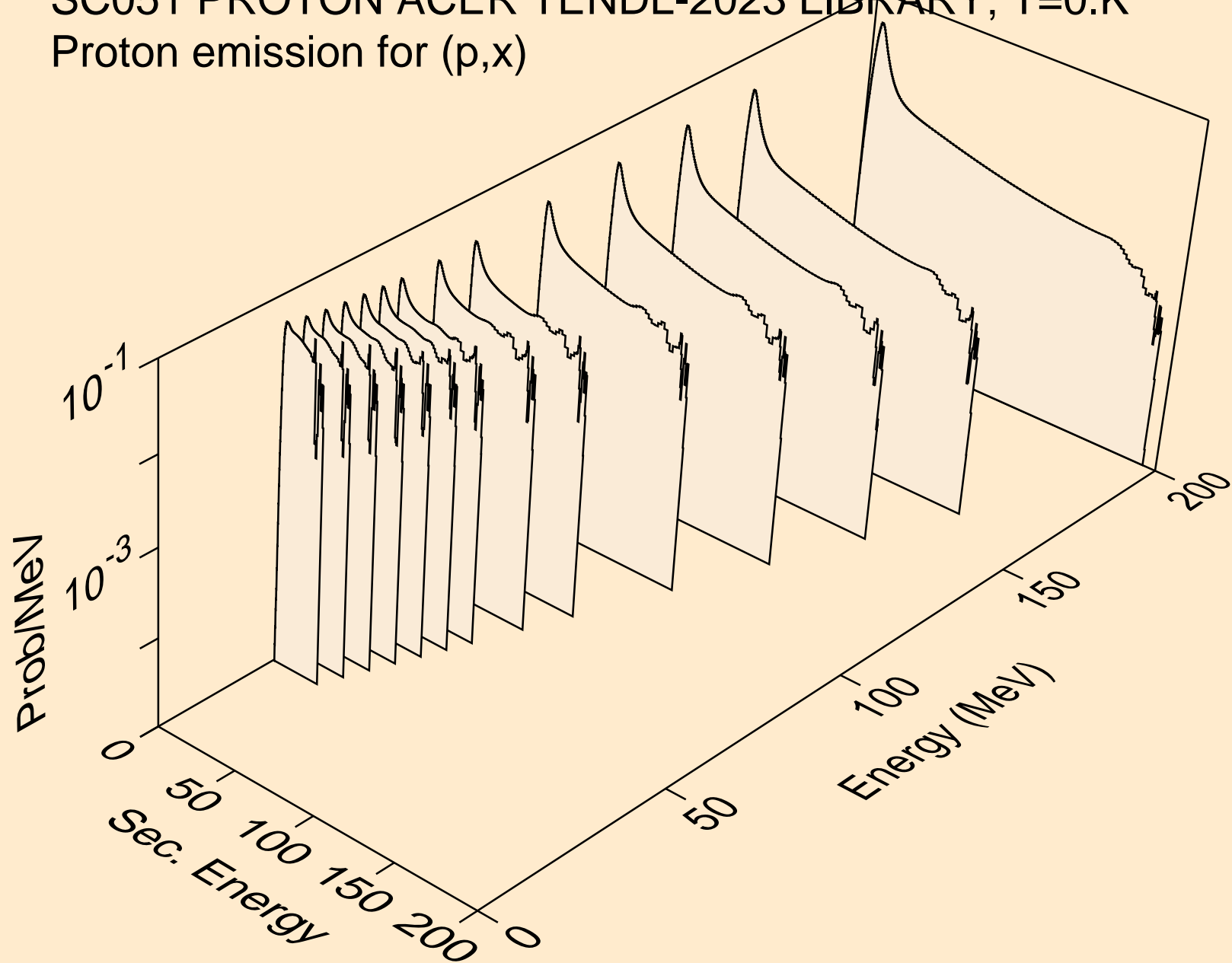




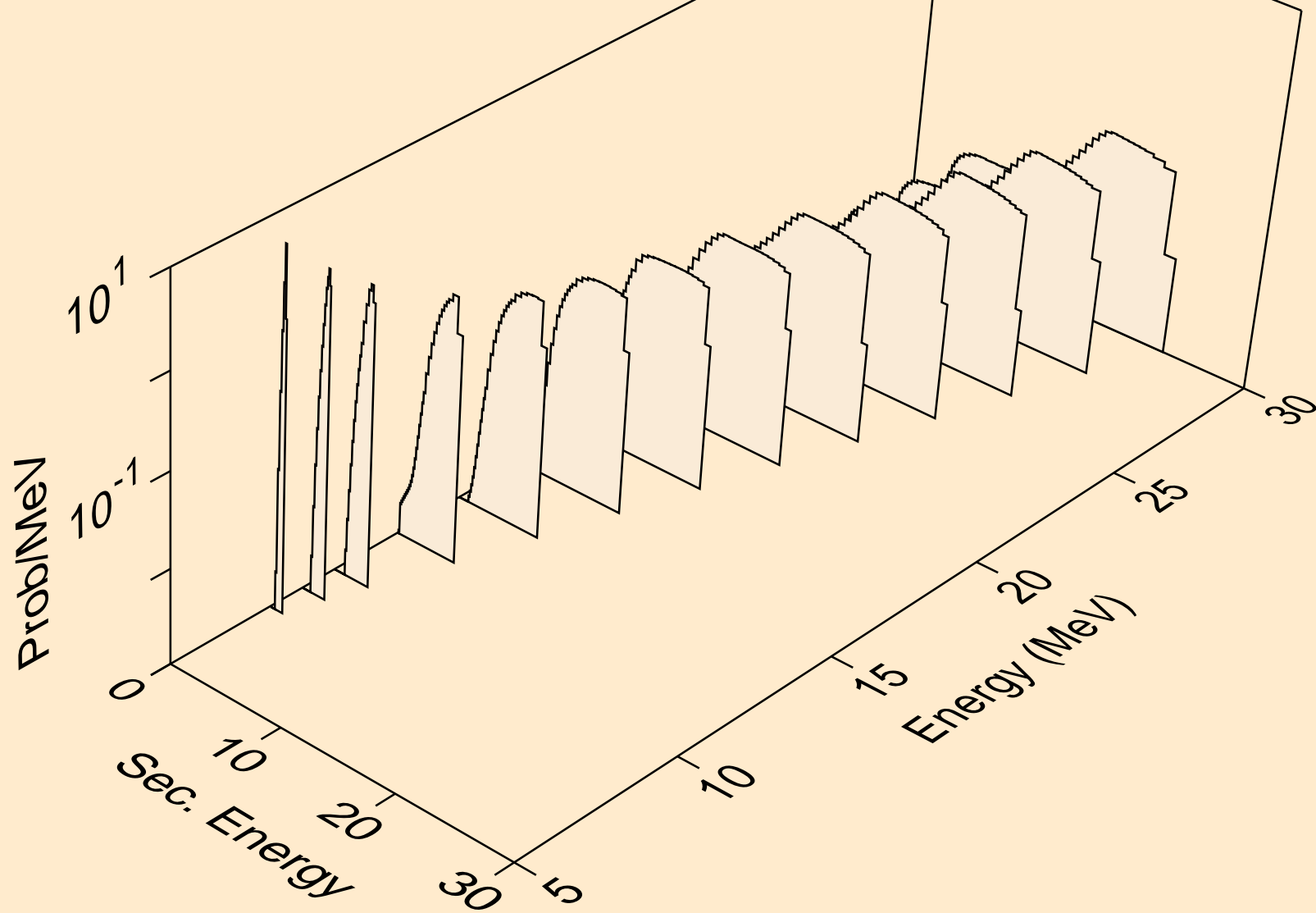
SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



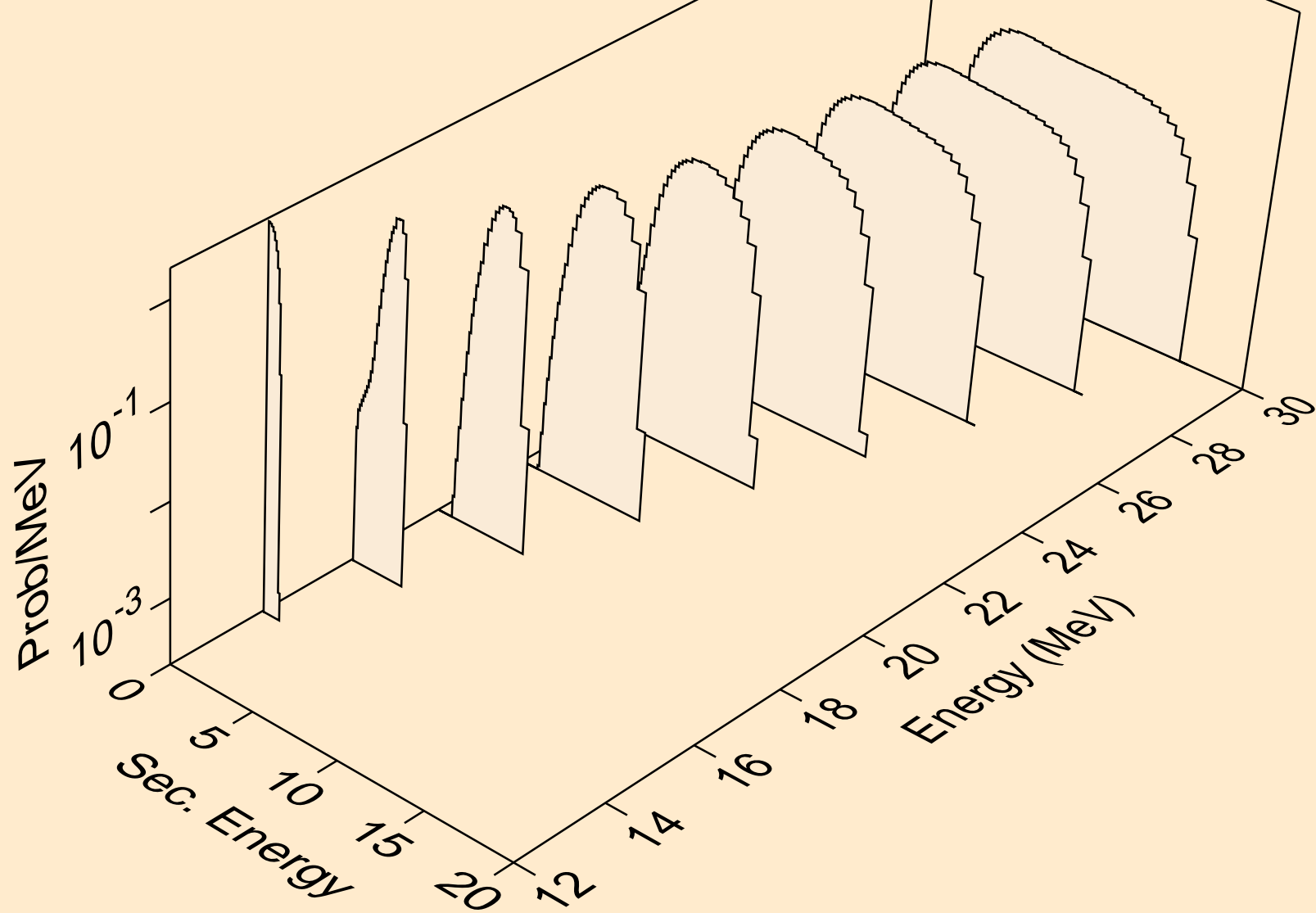
SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



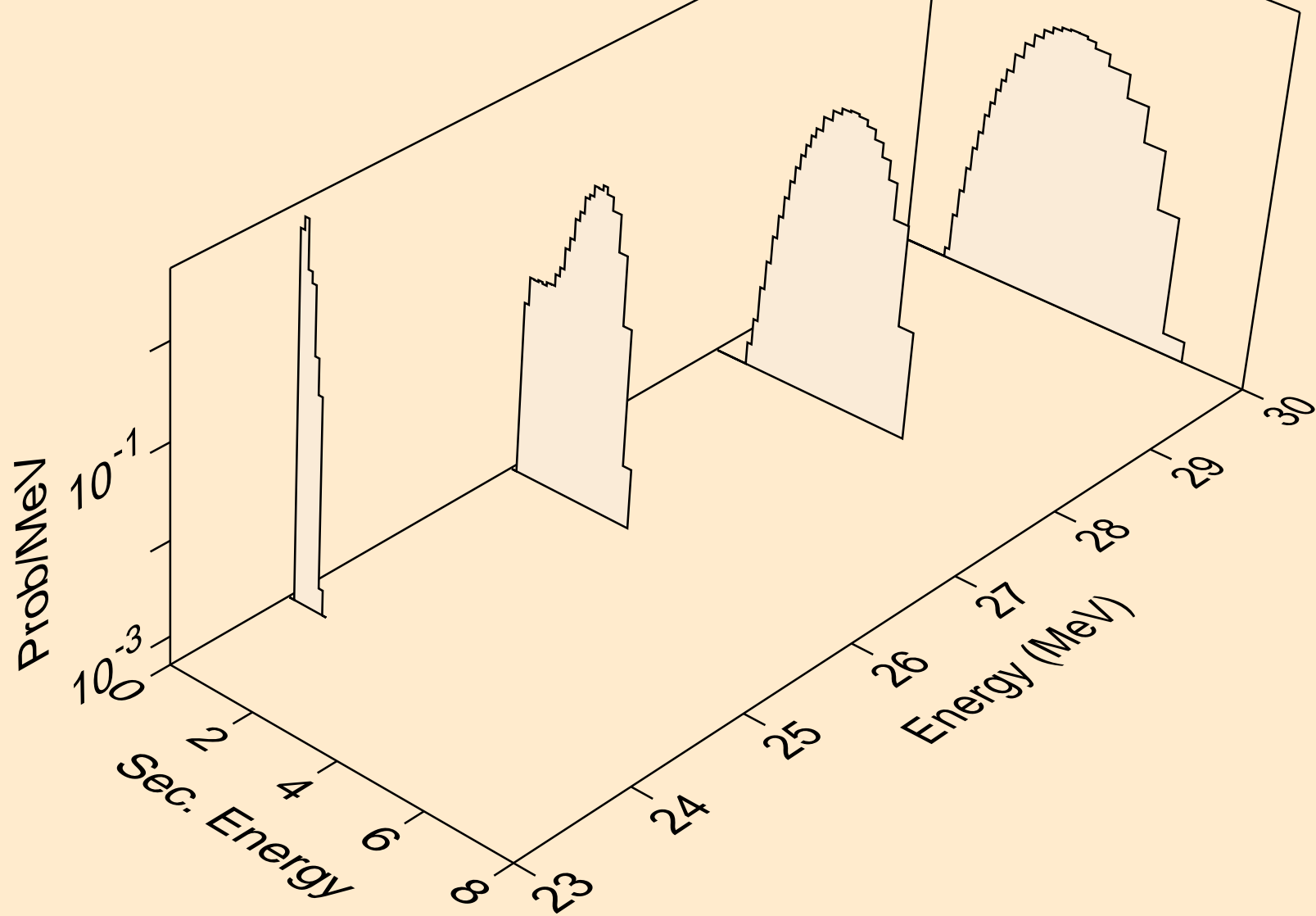
SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



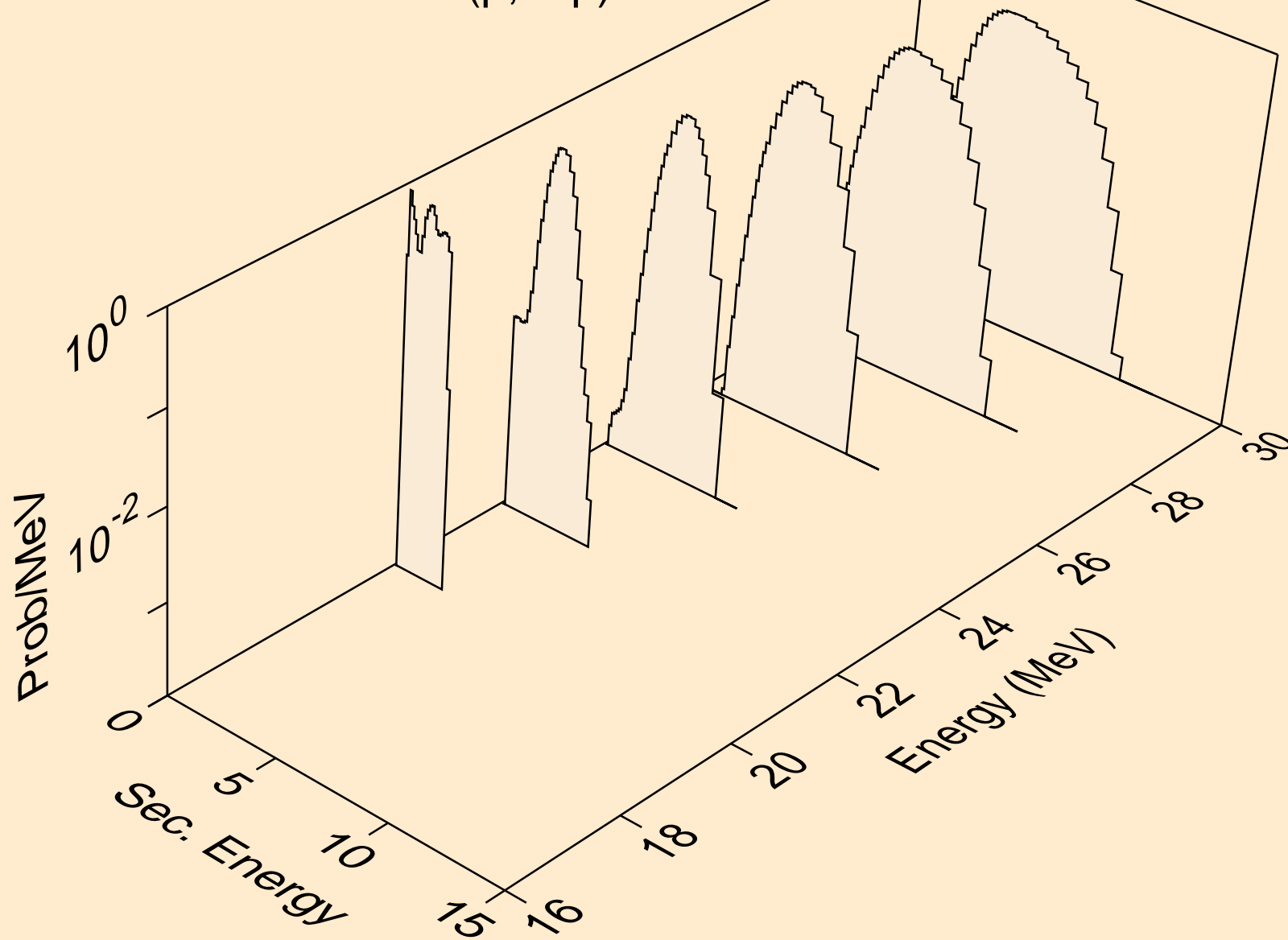
SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



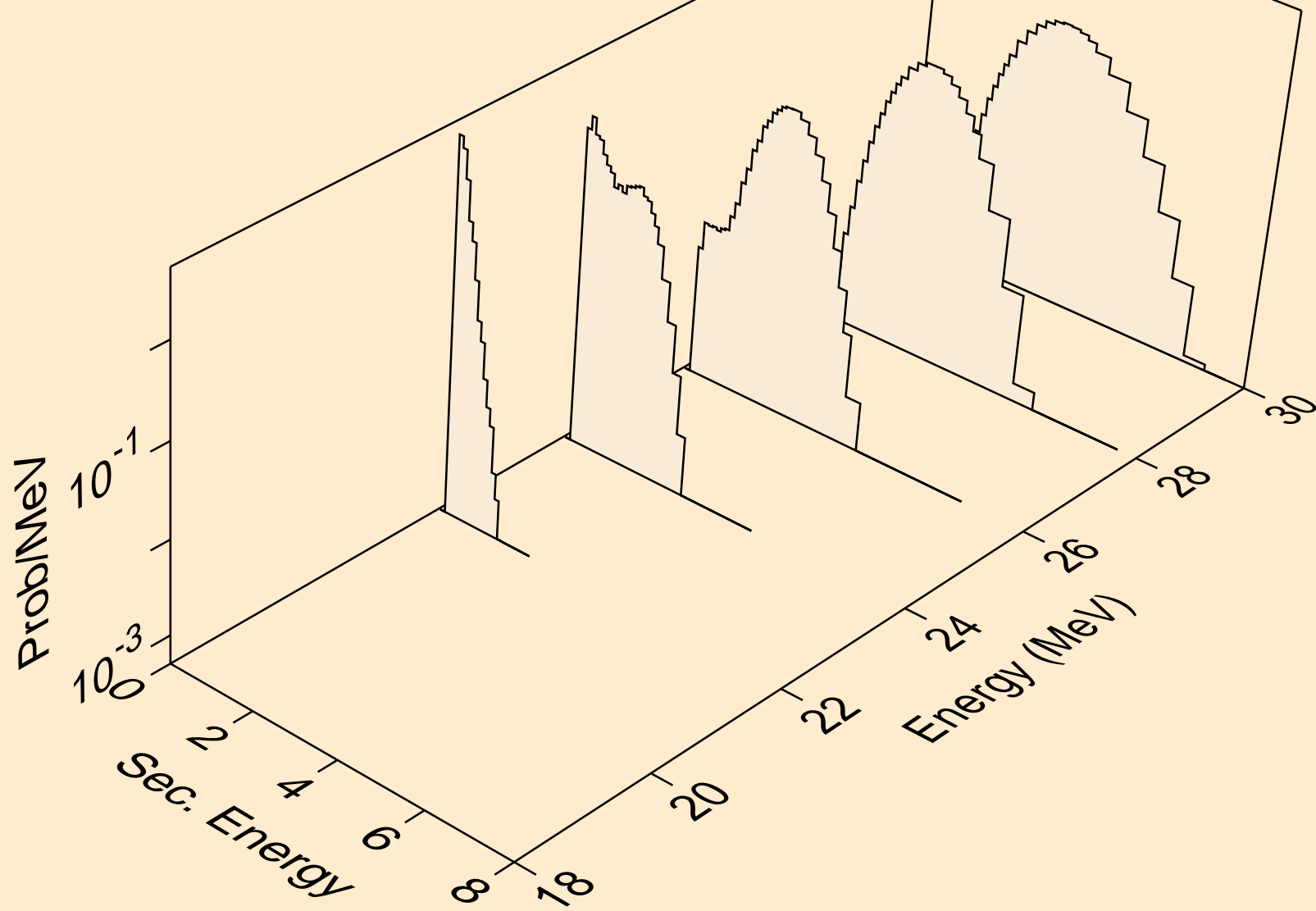
SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,3np)



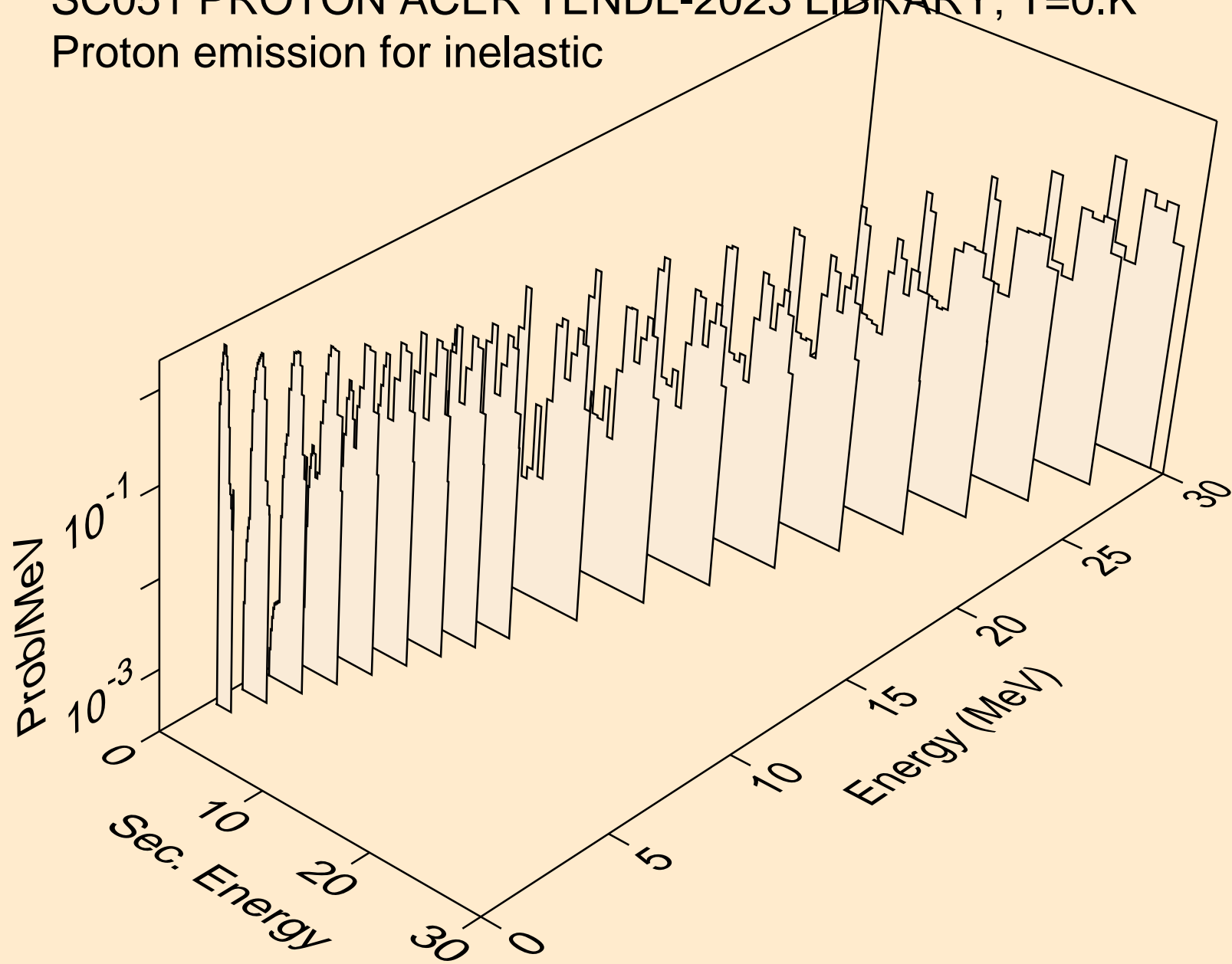
SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)



SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,npa)

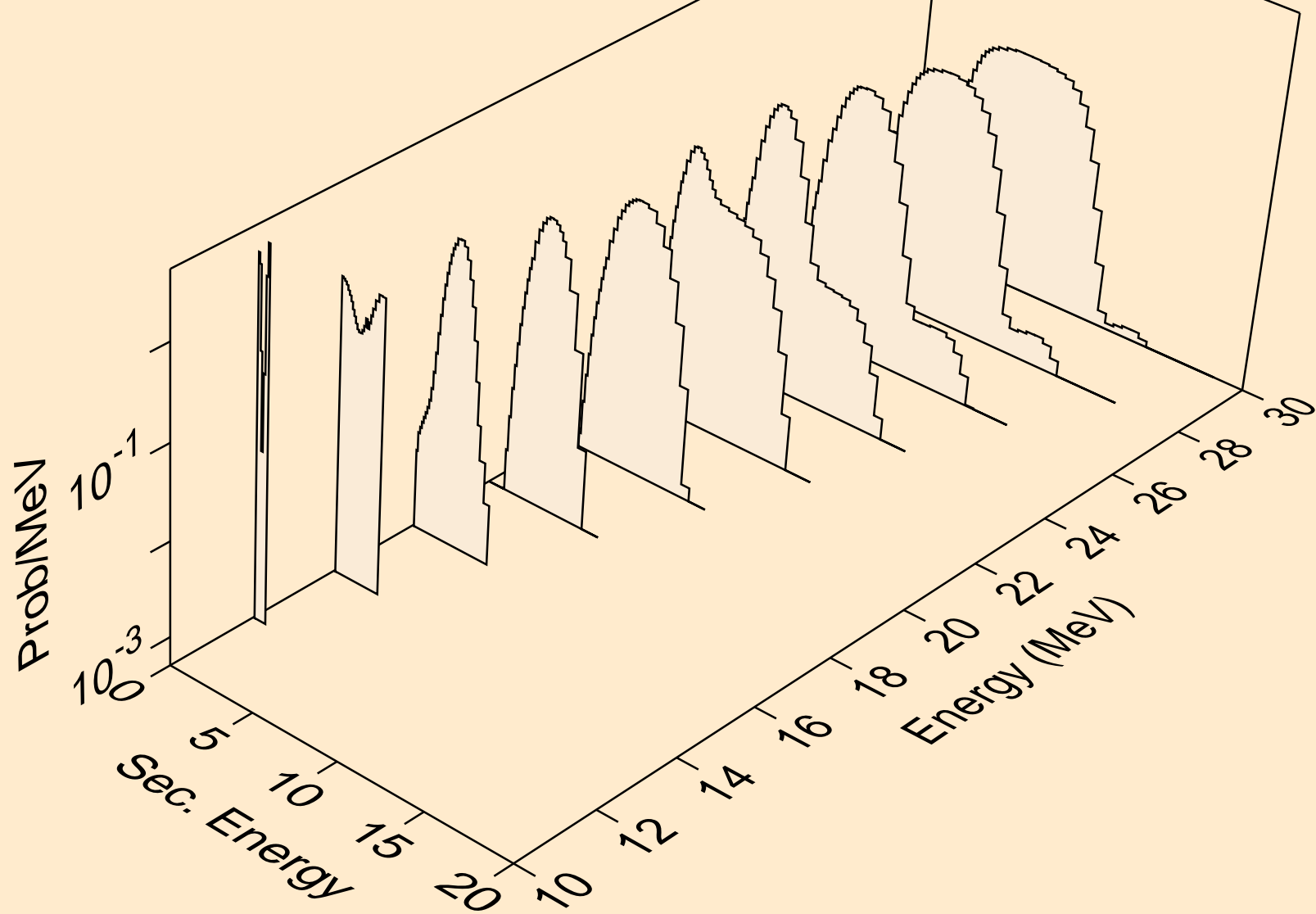


SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

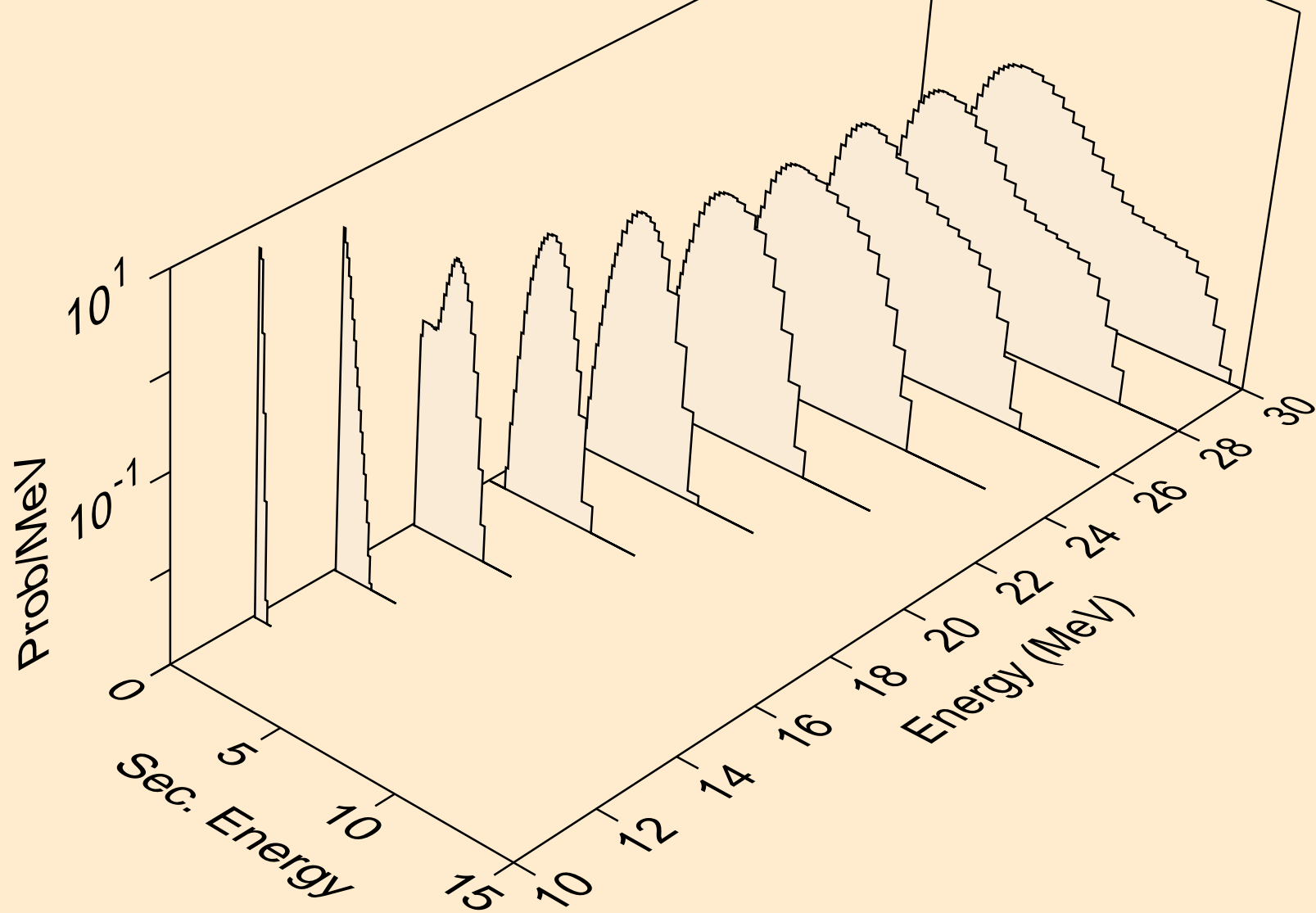




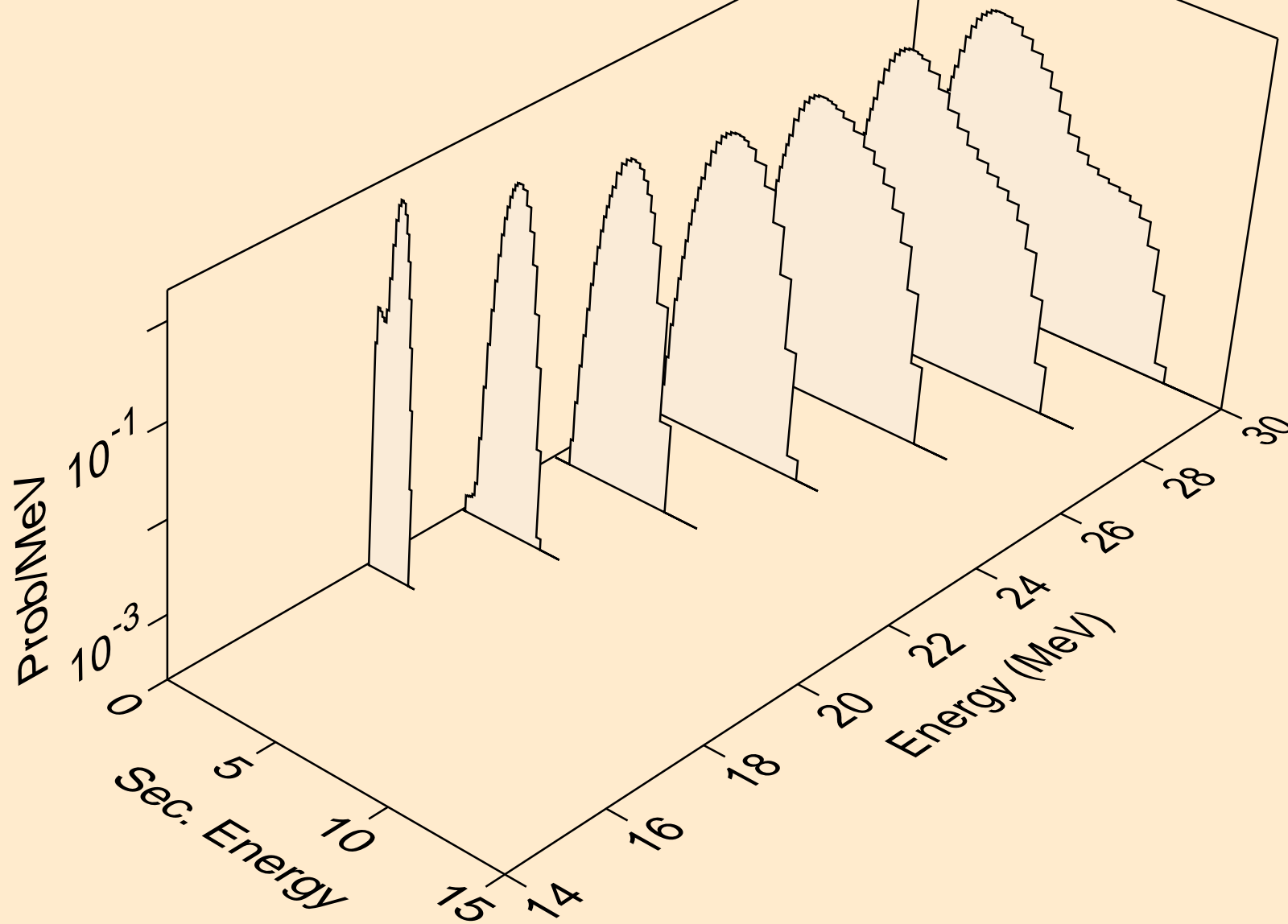
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Proton emission for (p,2p)



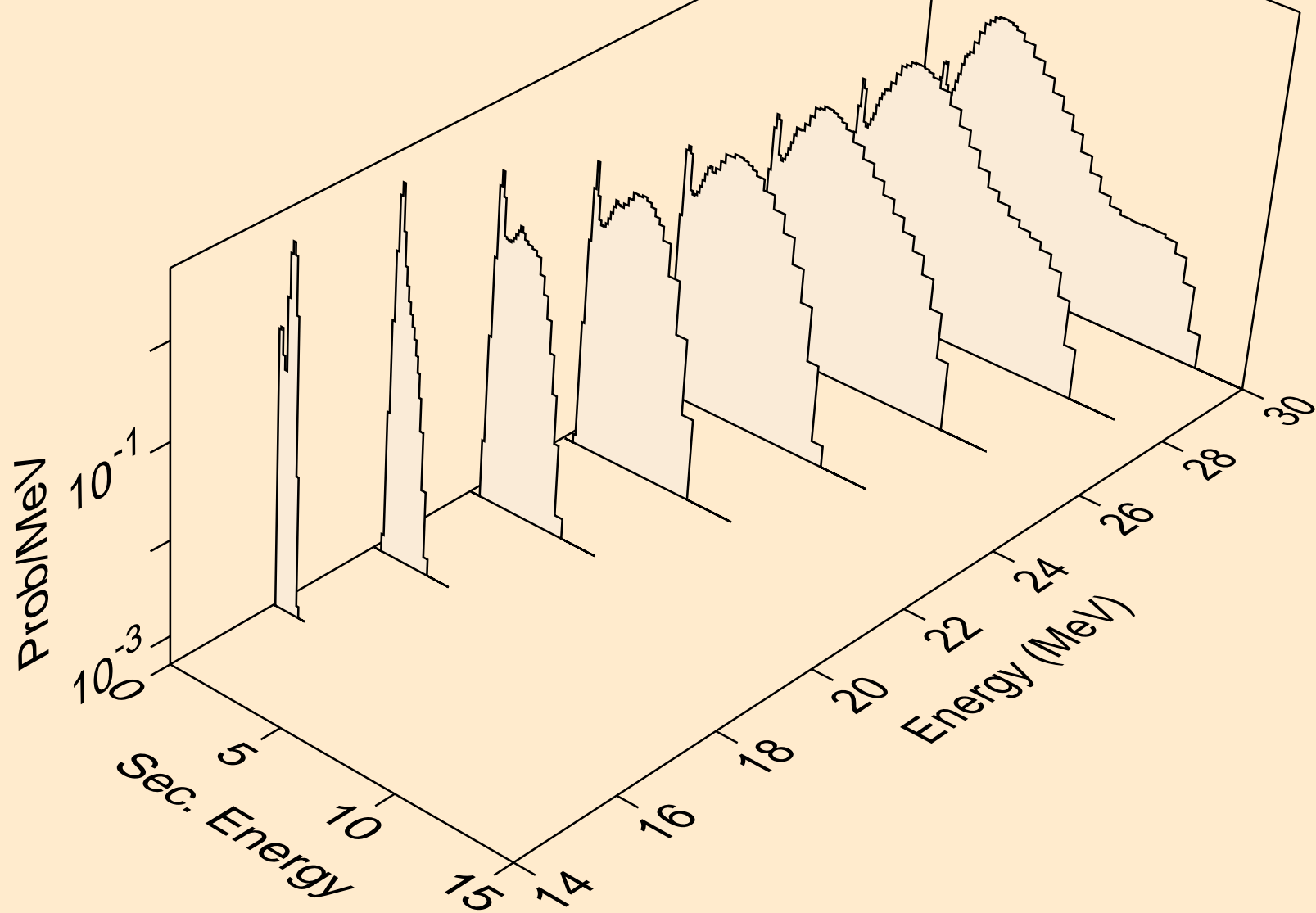
SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pa)



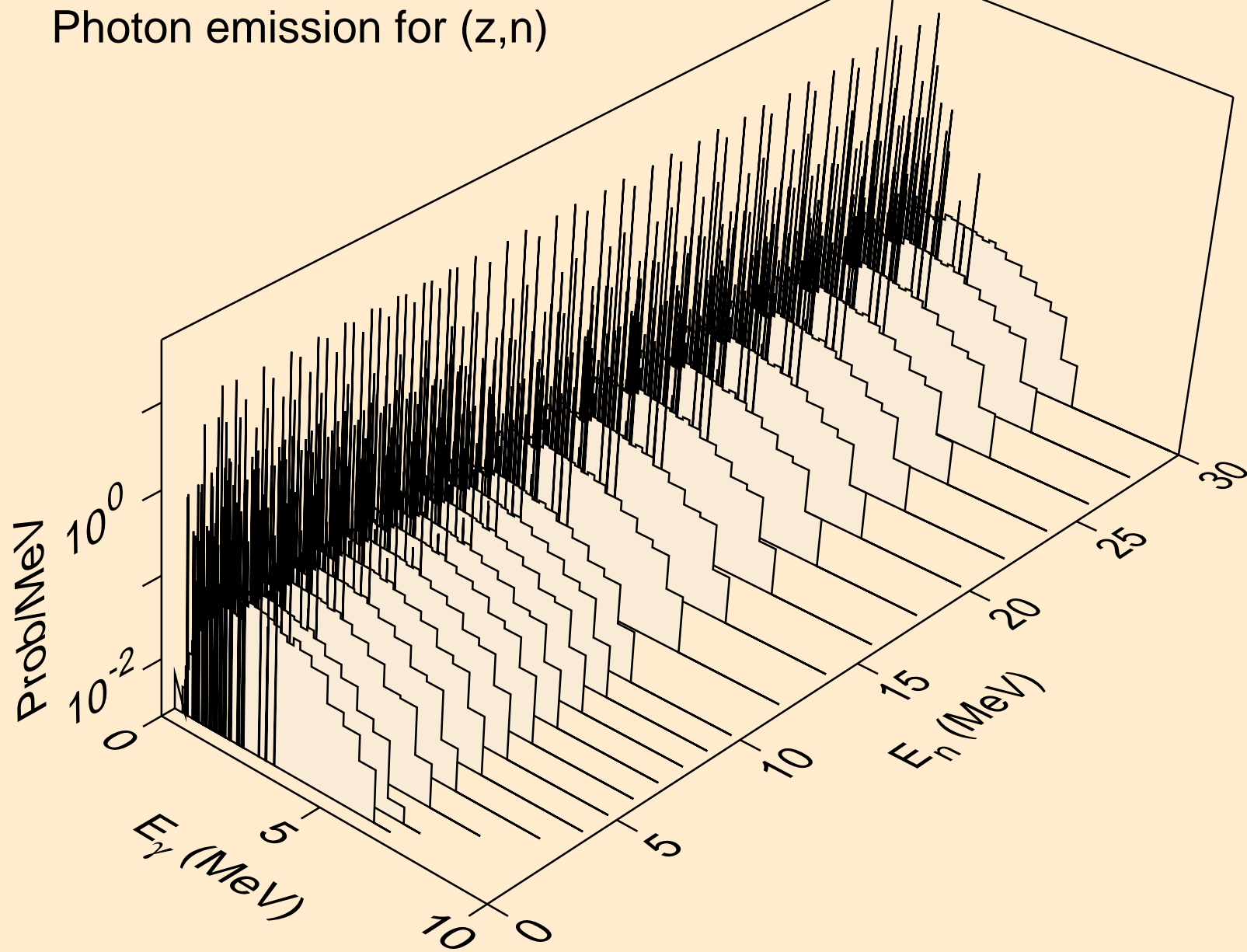
SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pd)



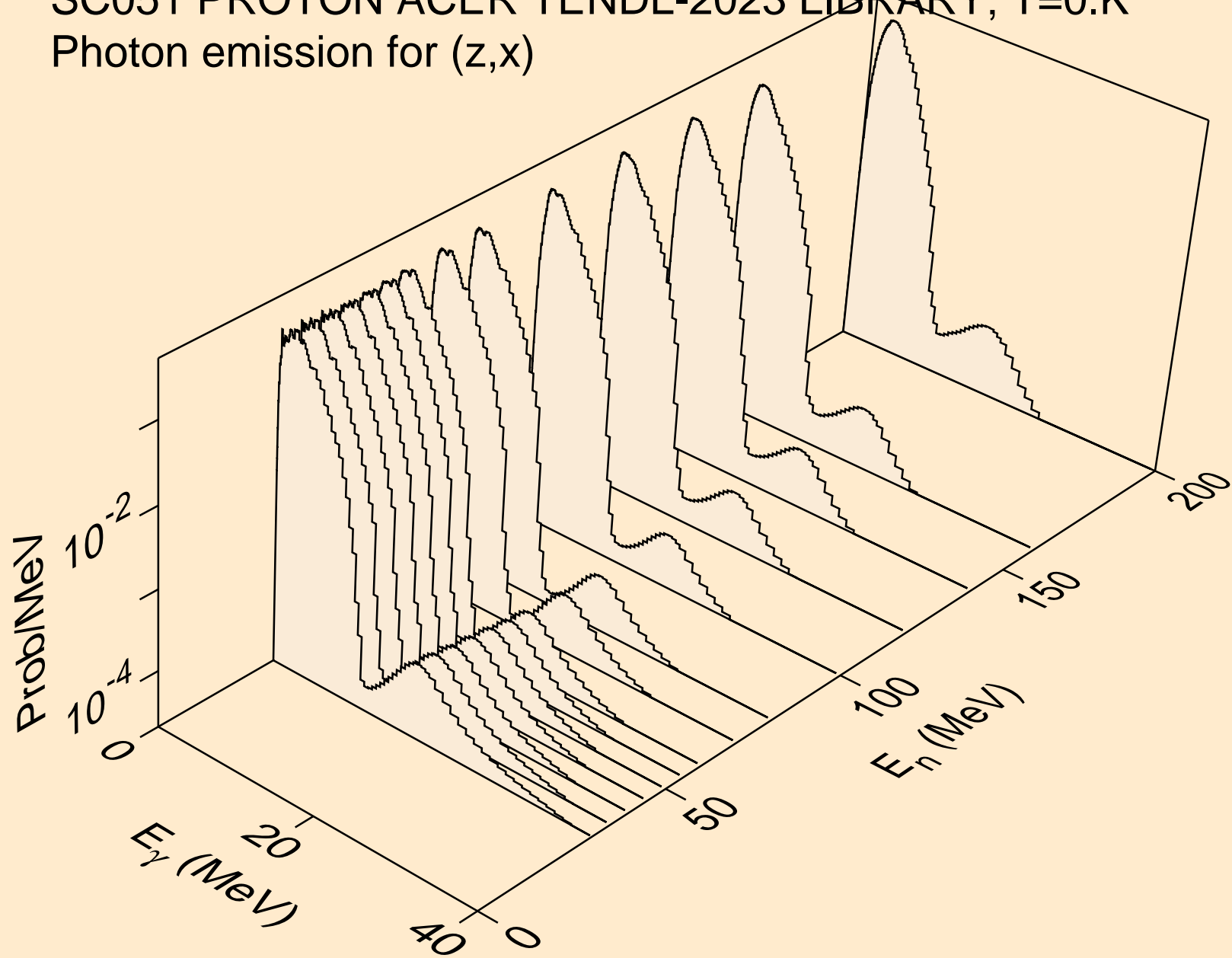
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Proton emission for (p,pt)



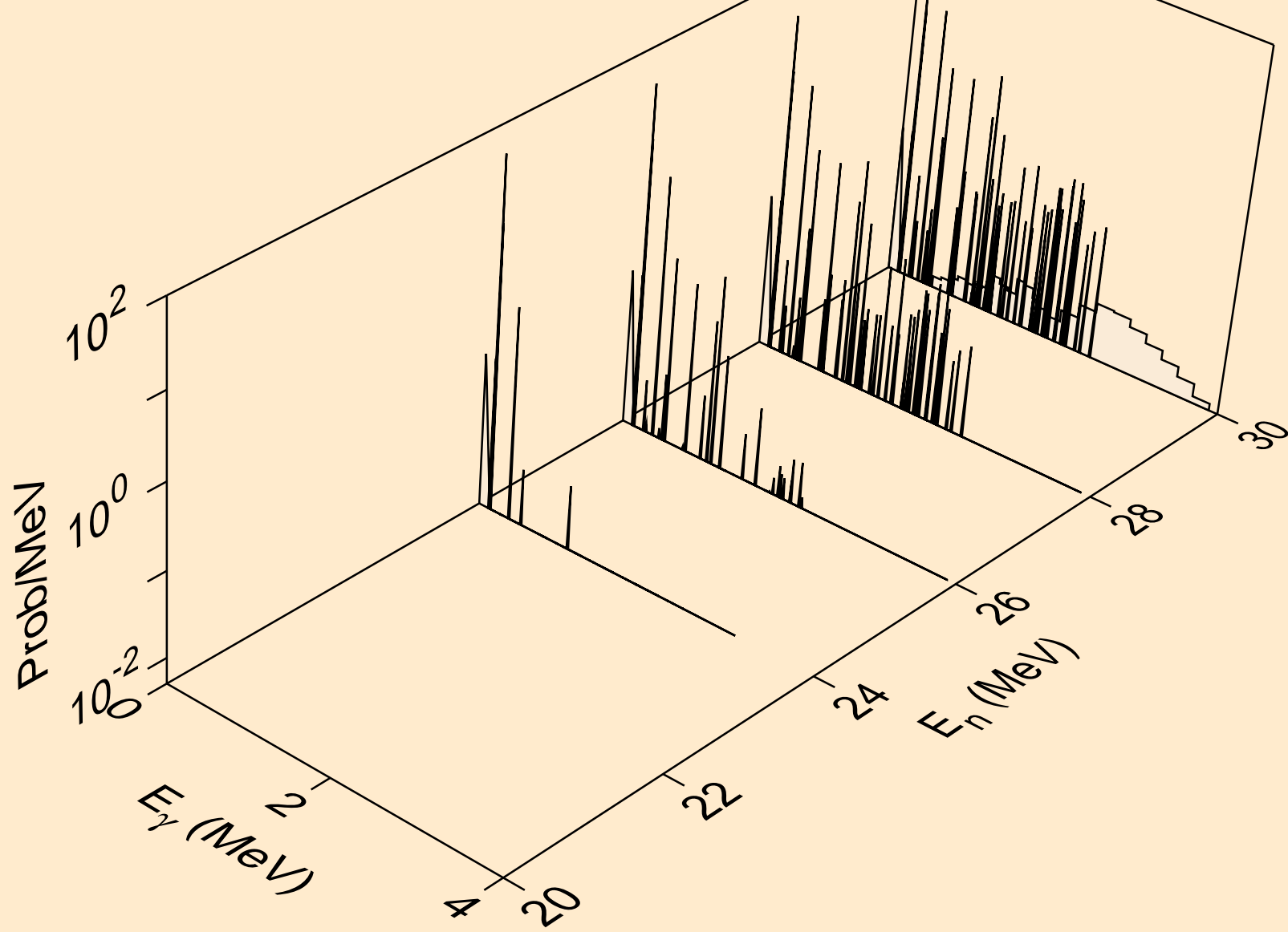
SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



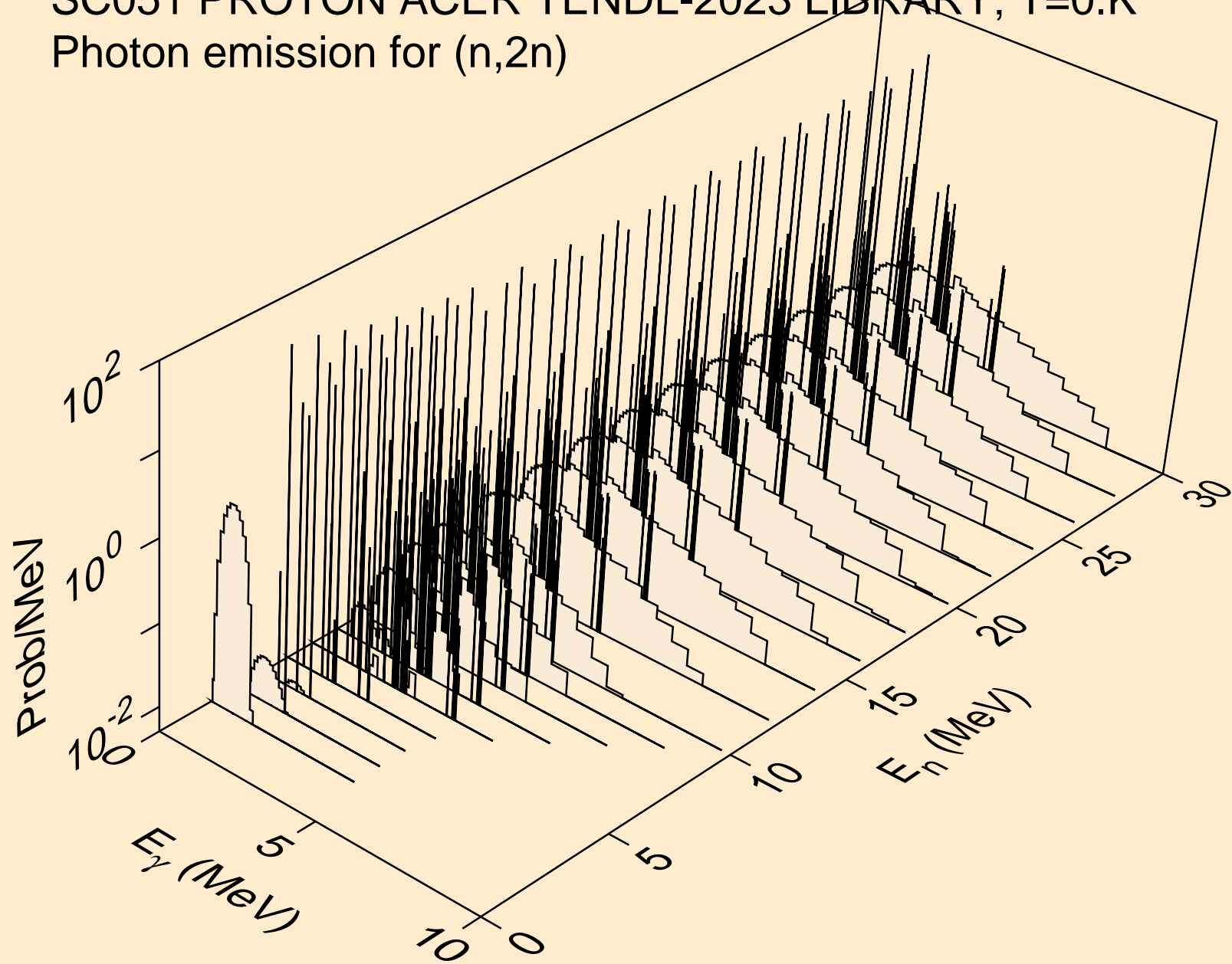
SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)

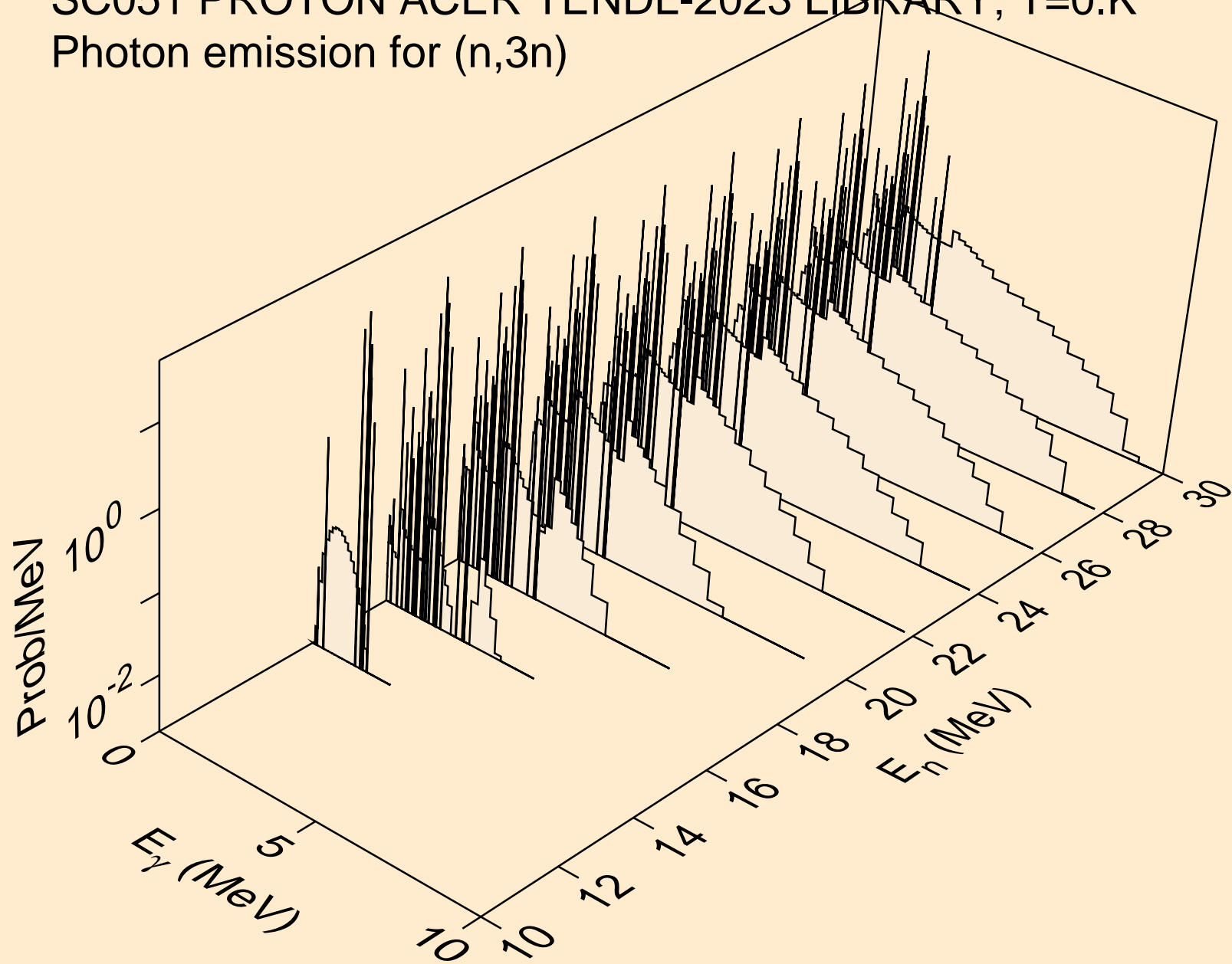


SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

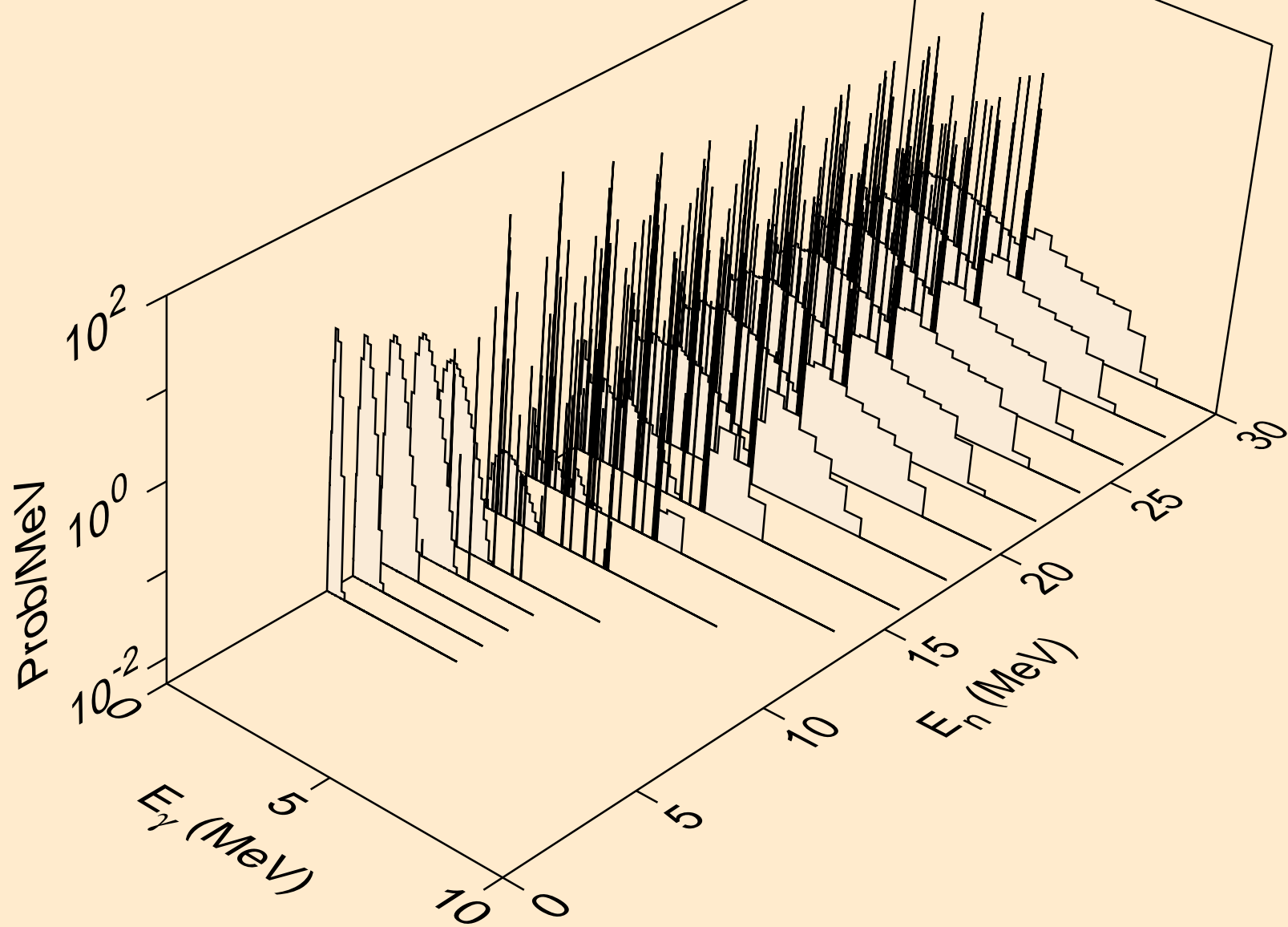




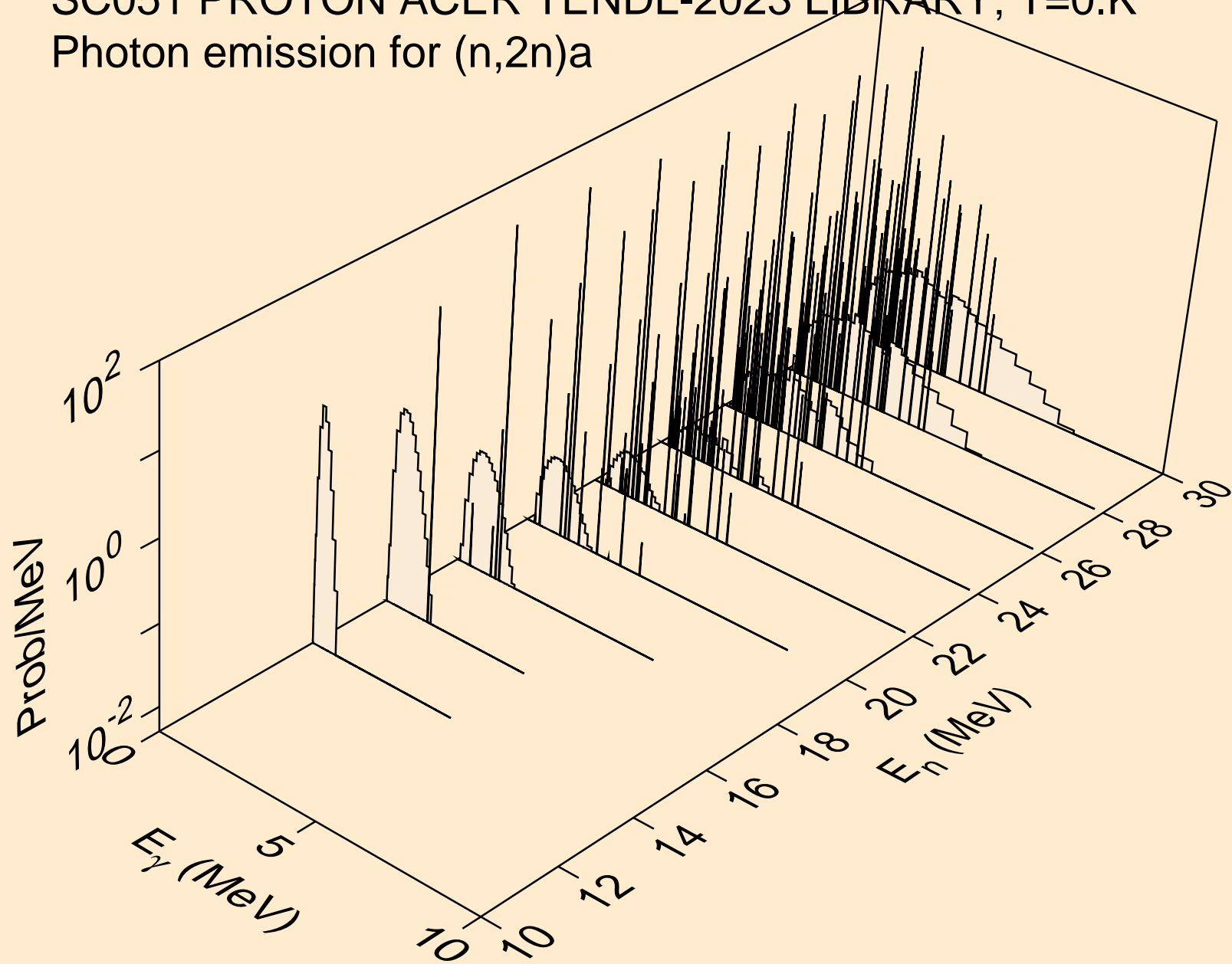
SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



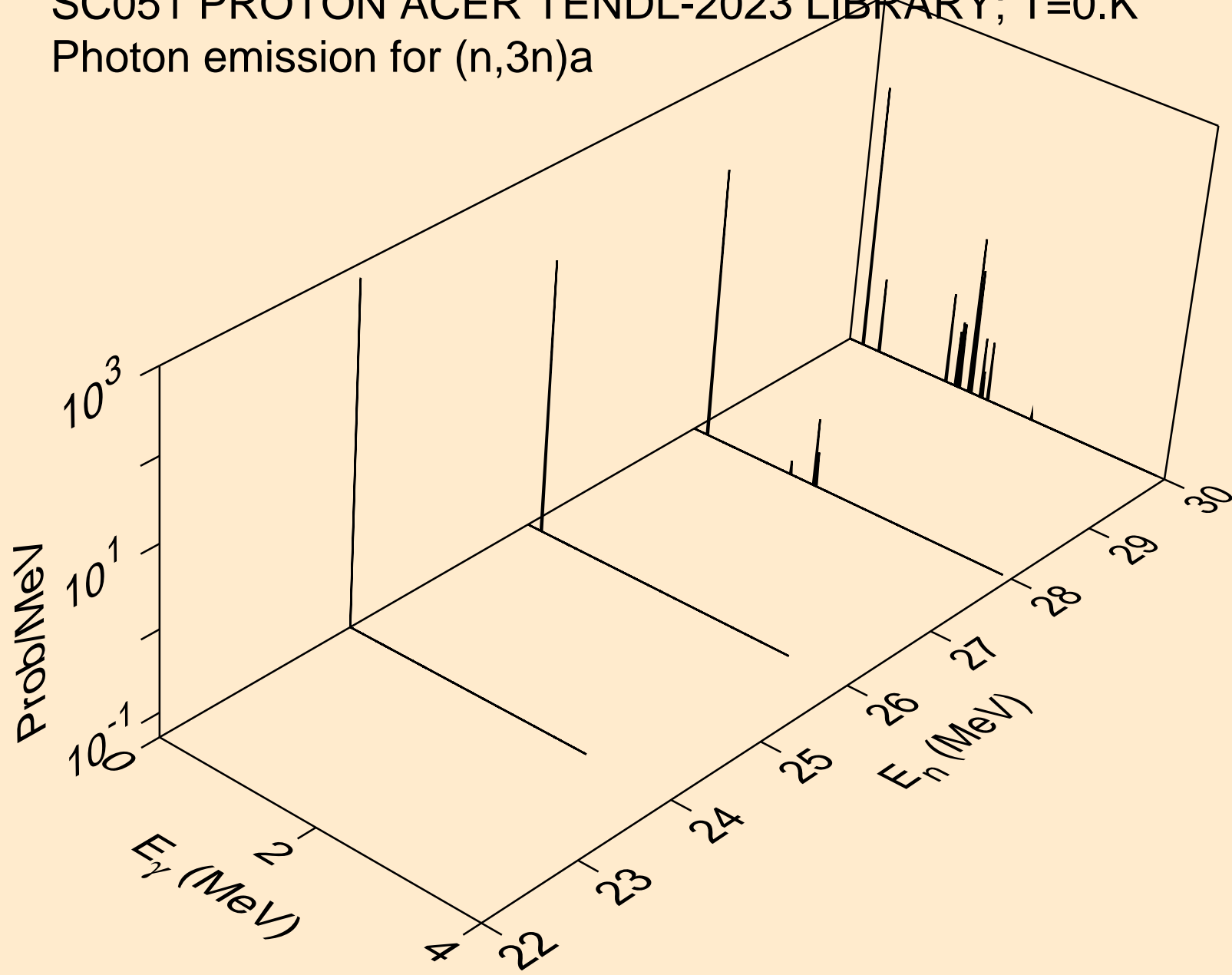
SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



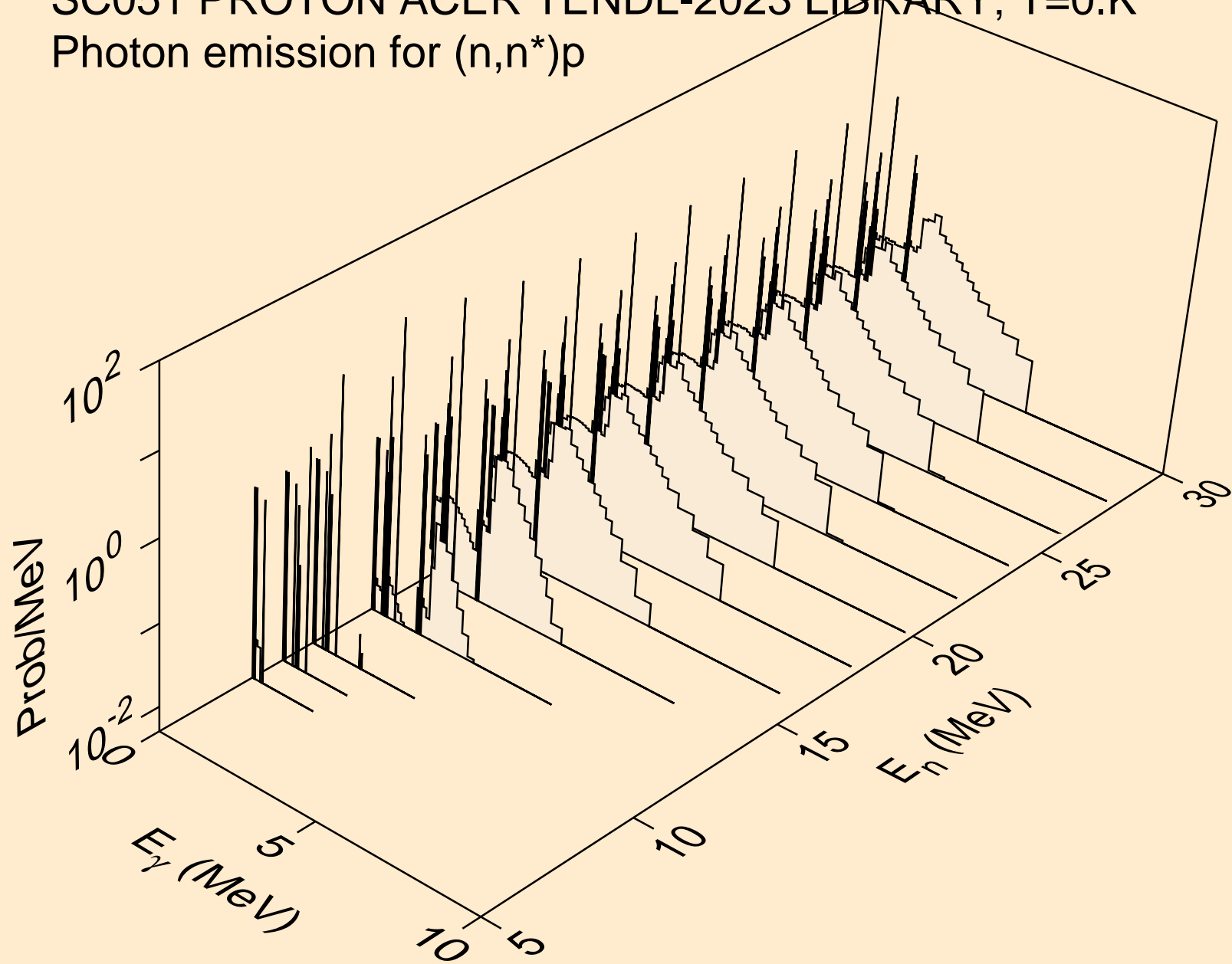
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Photon emission for (n,2n)a



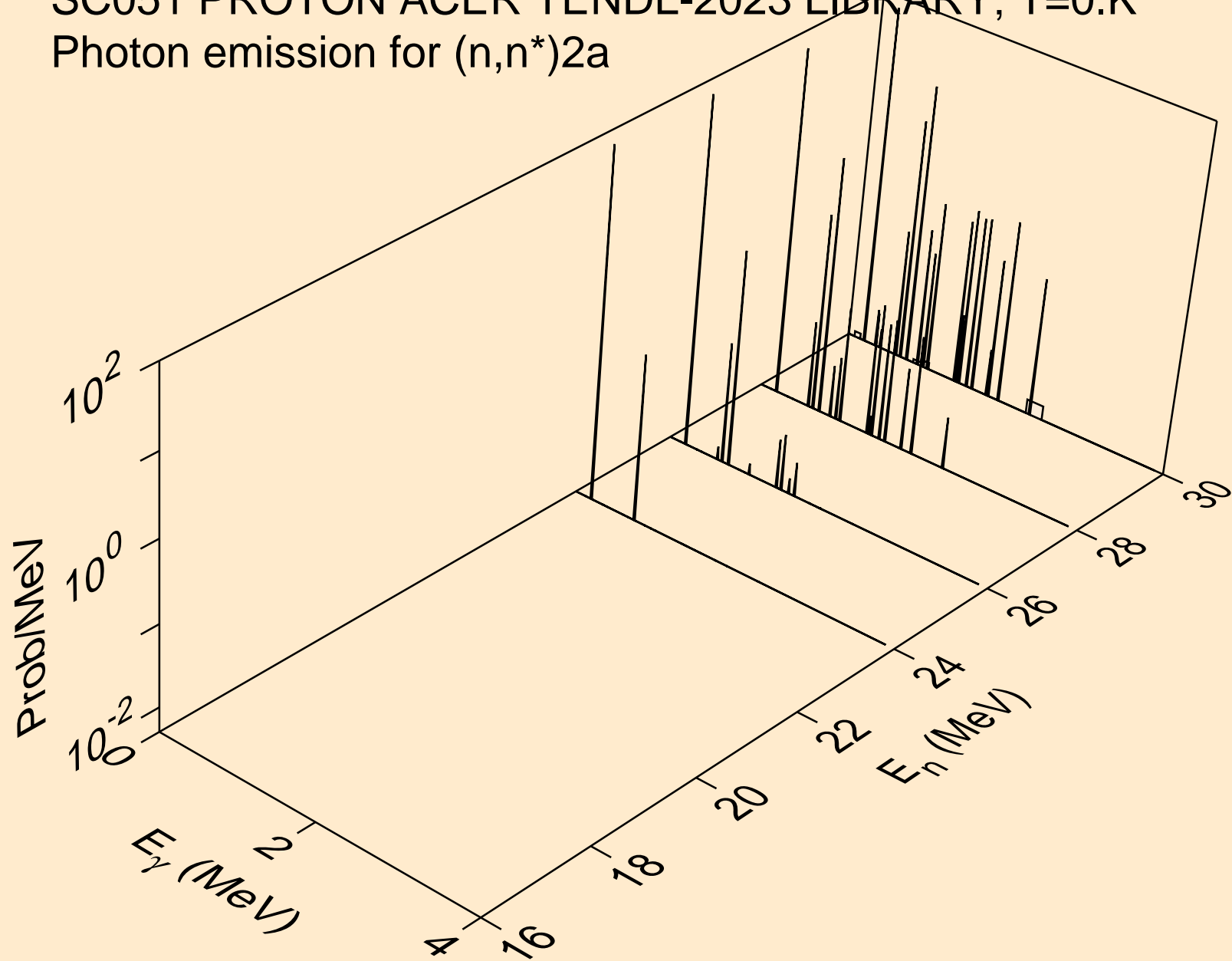
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Photon emission for (n,3n)a



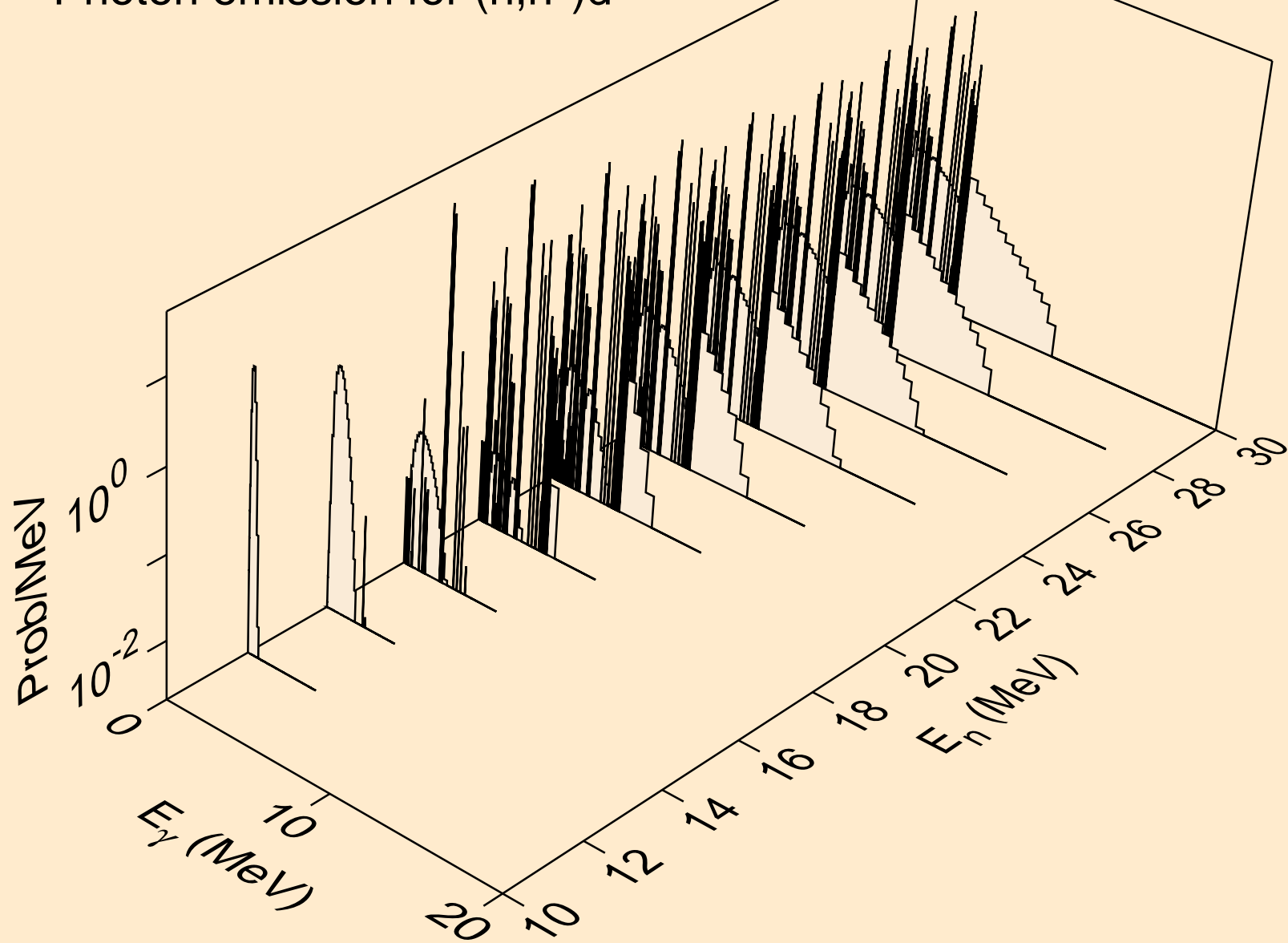
SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



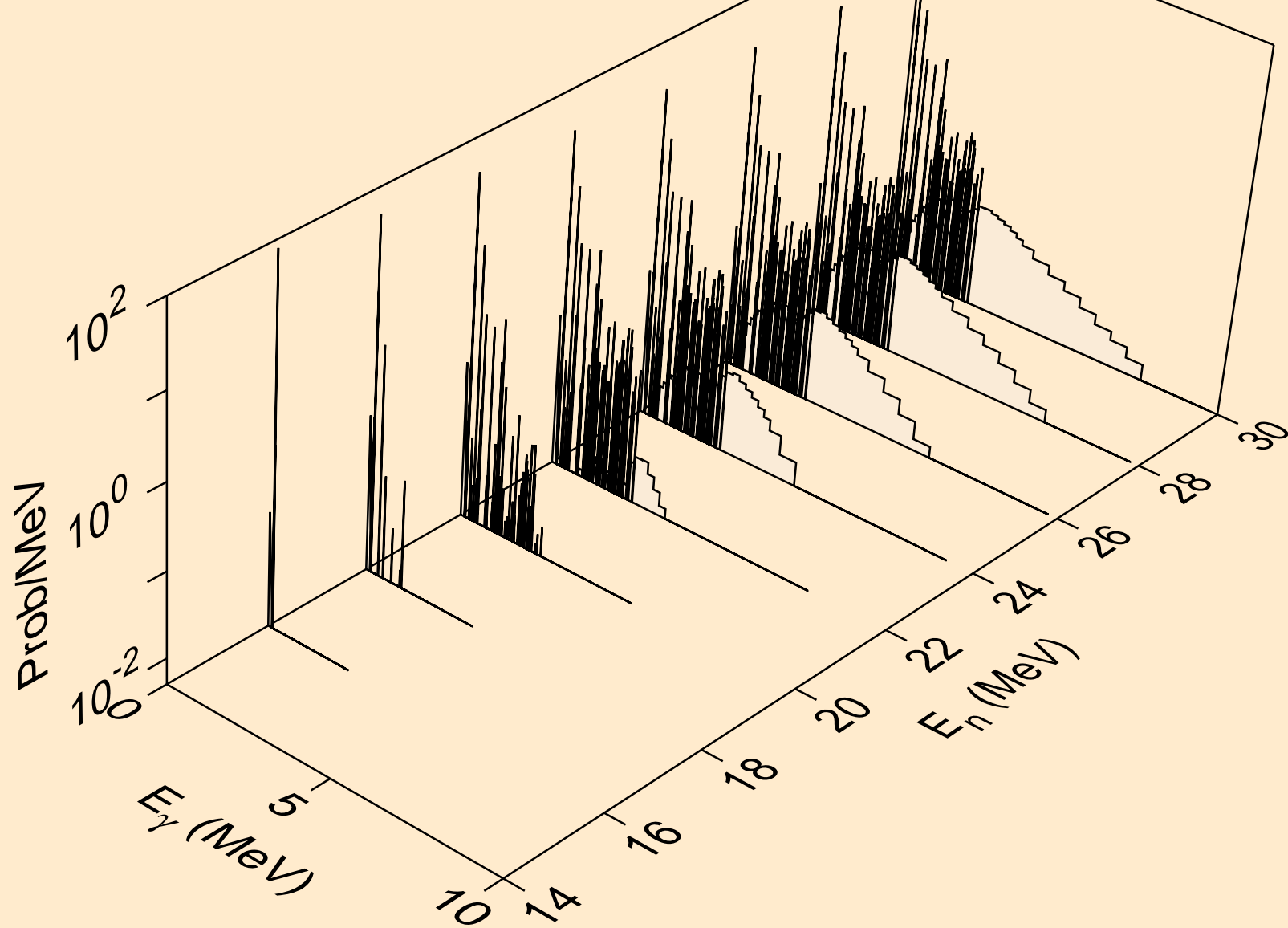
SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

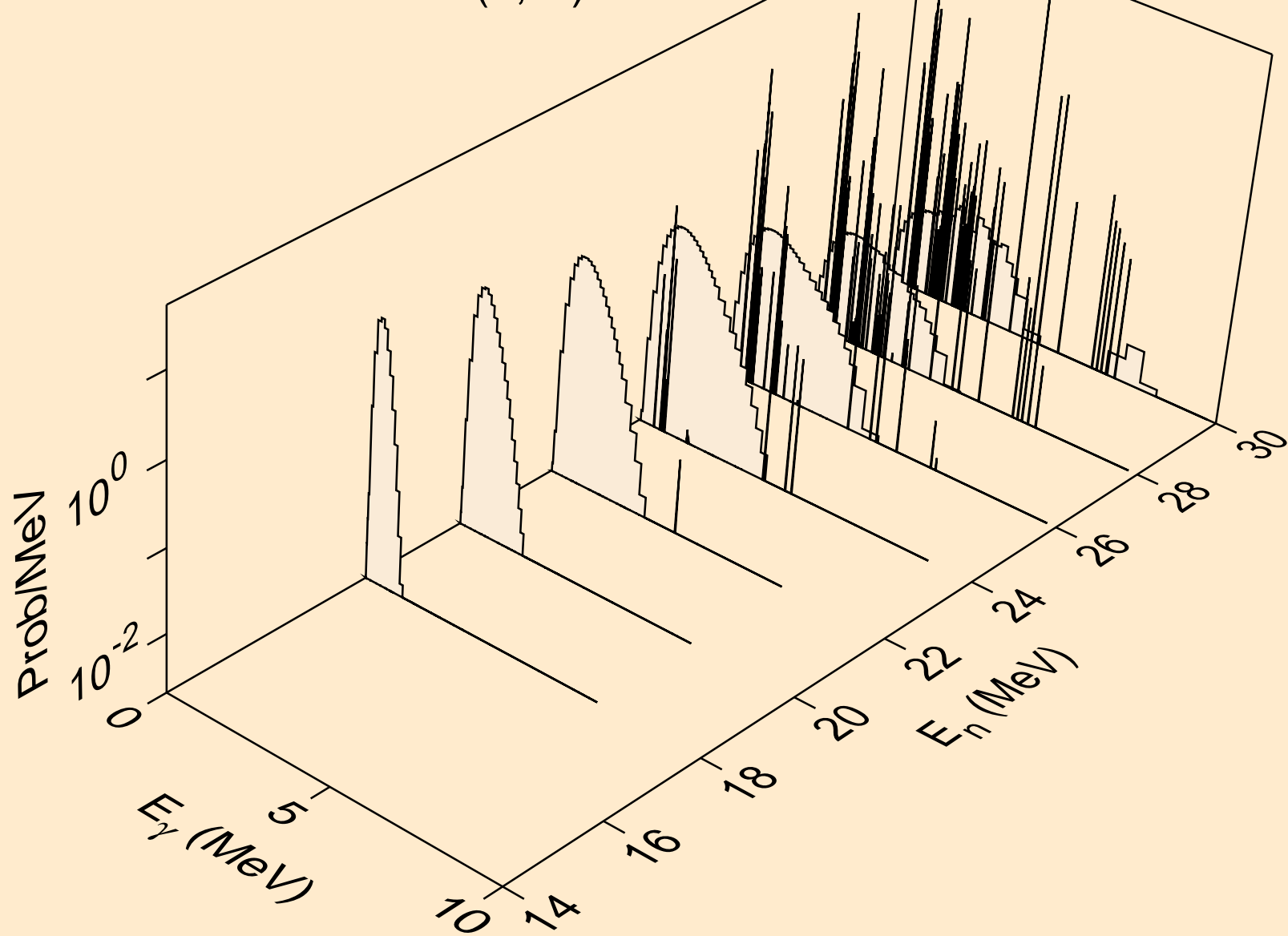


SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

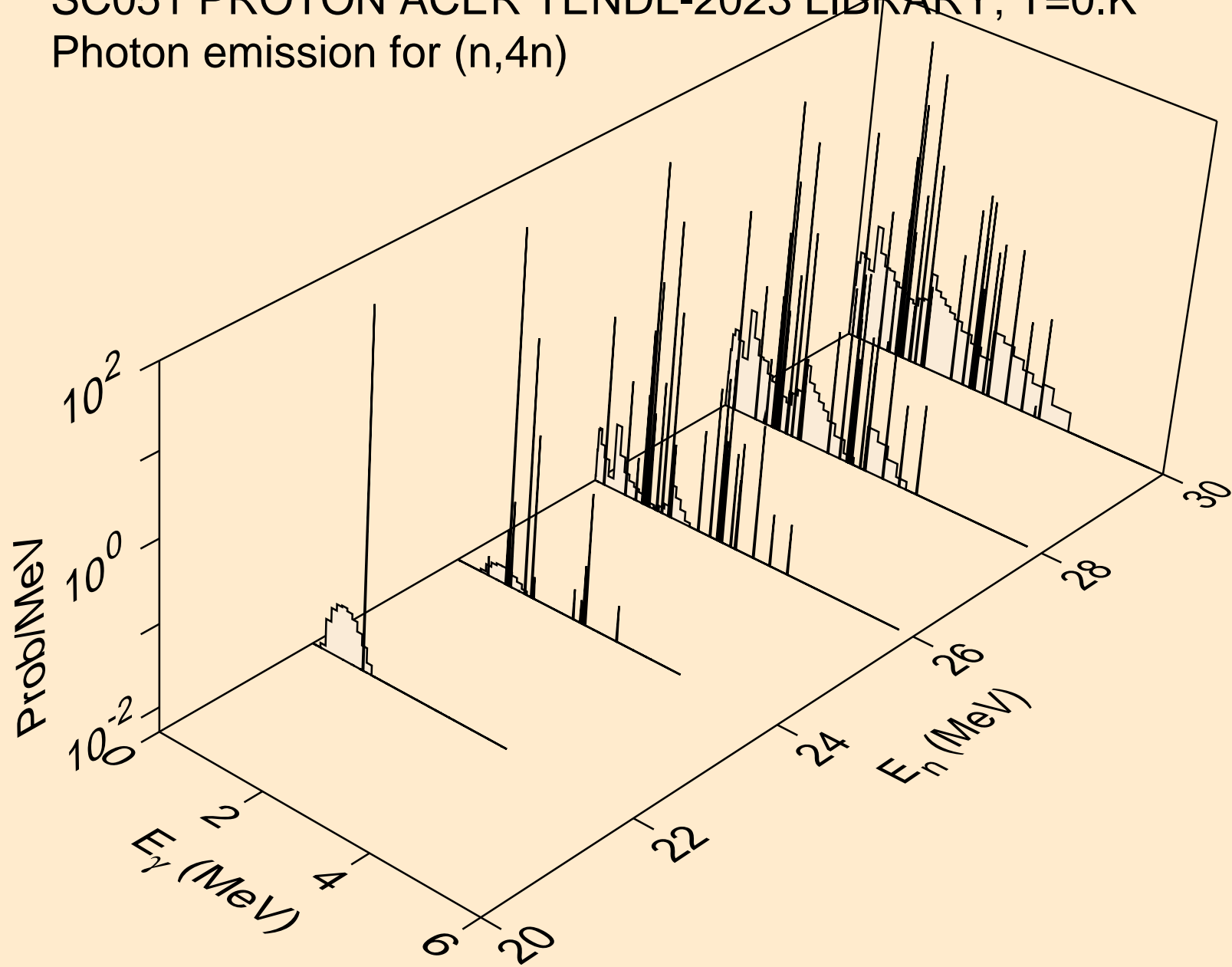




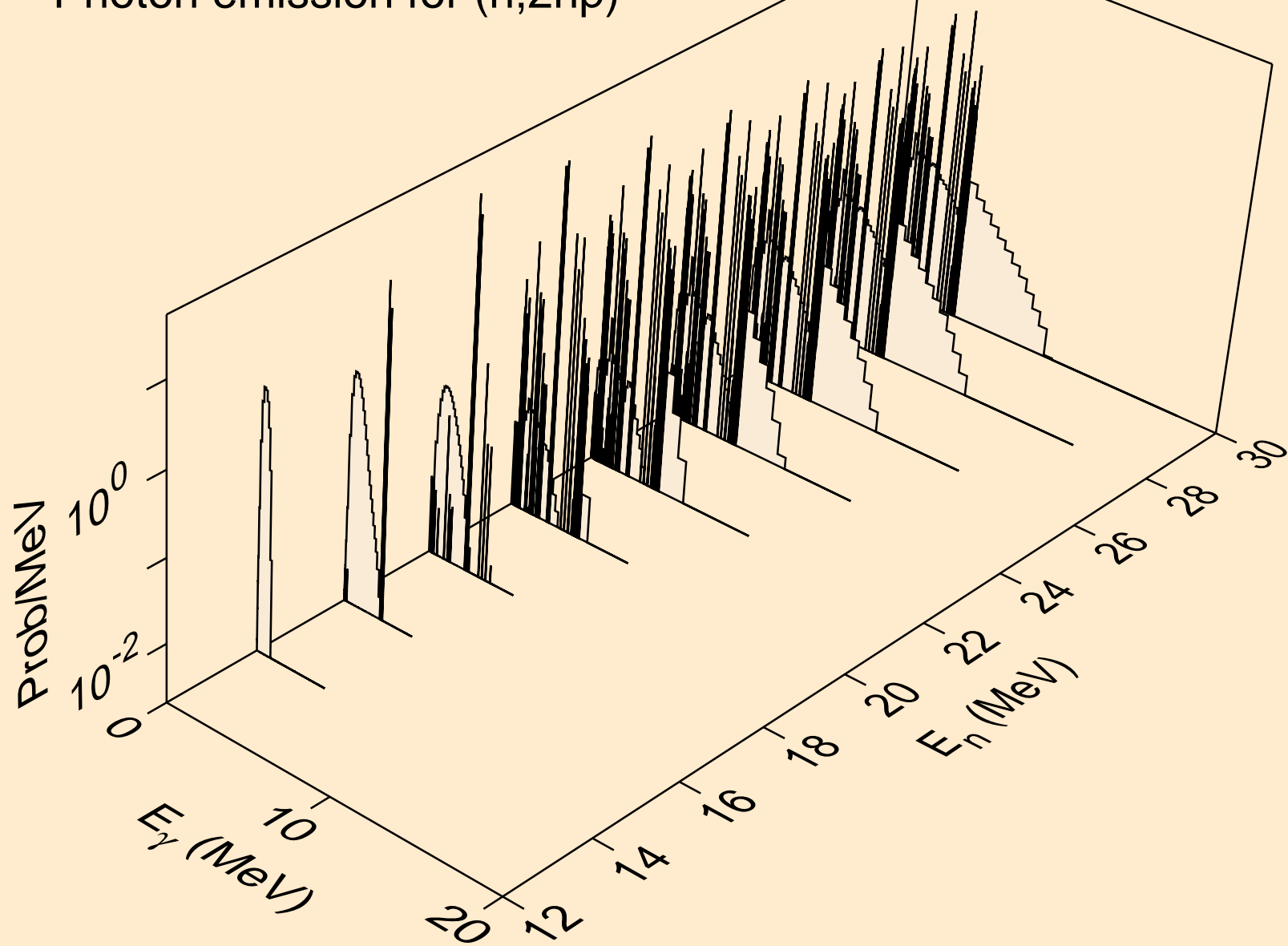
SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



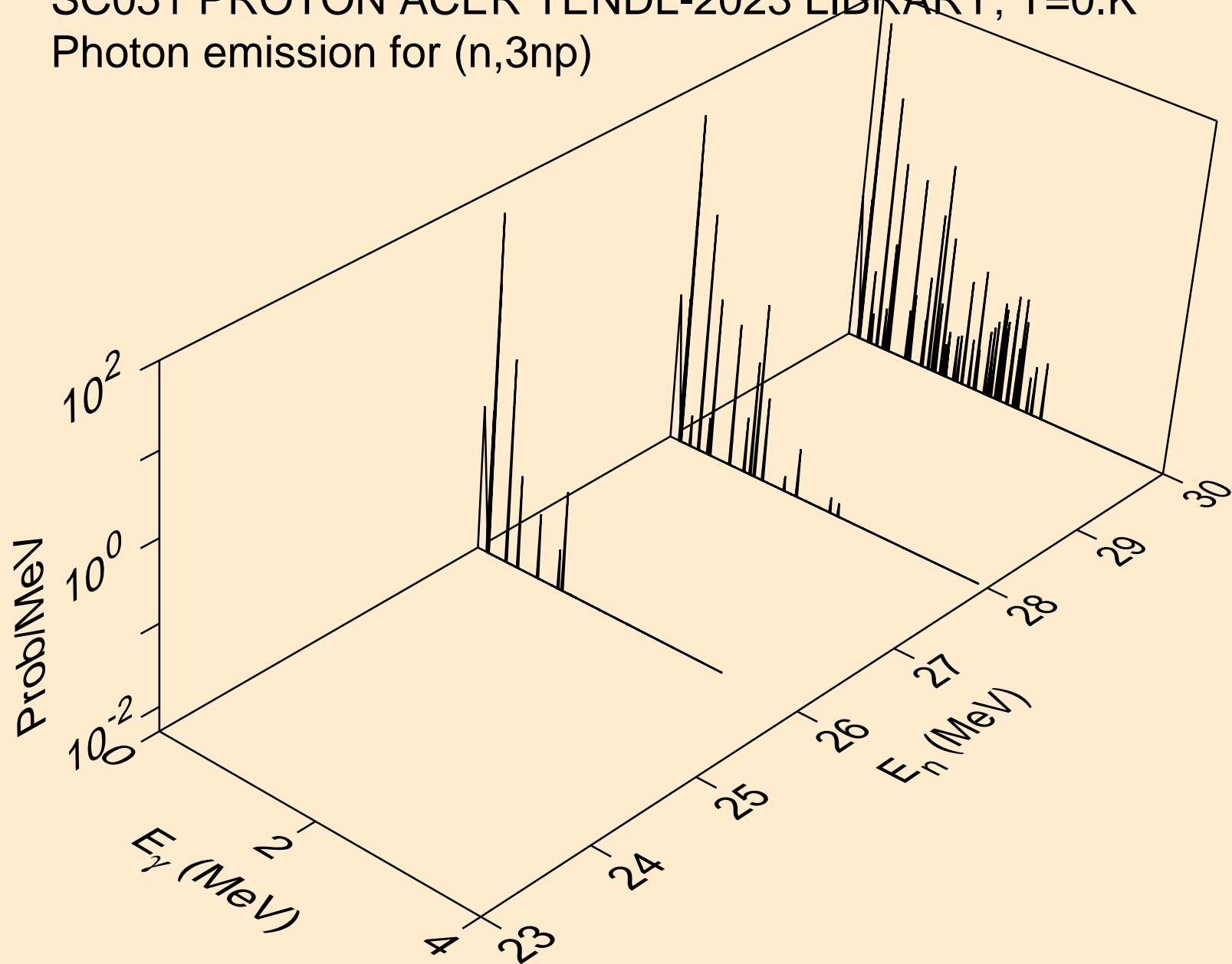
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Photon emission for (n,4n)



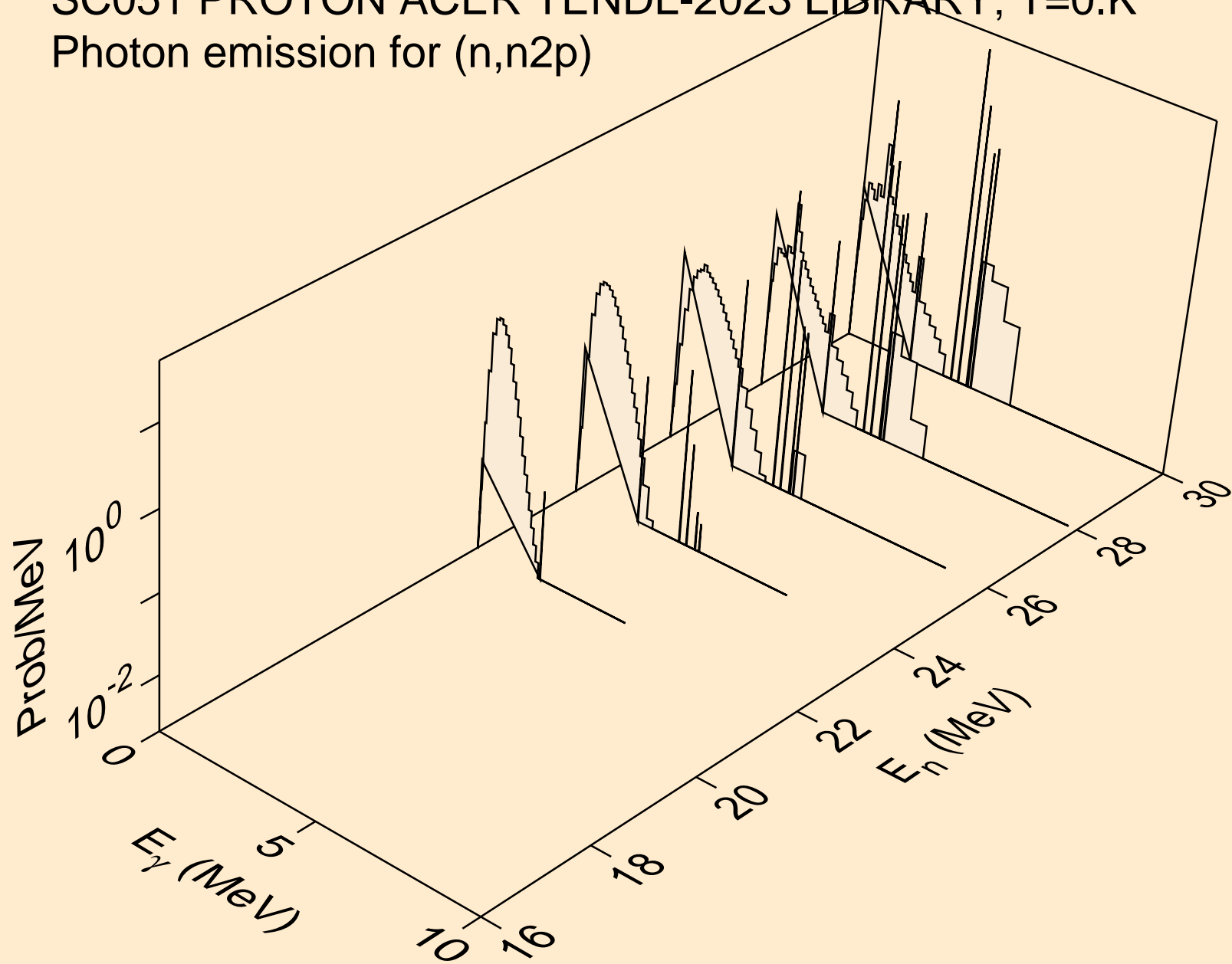
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Photon emission for (n,2np)



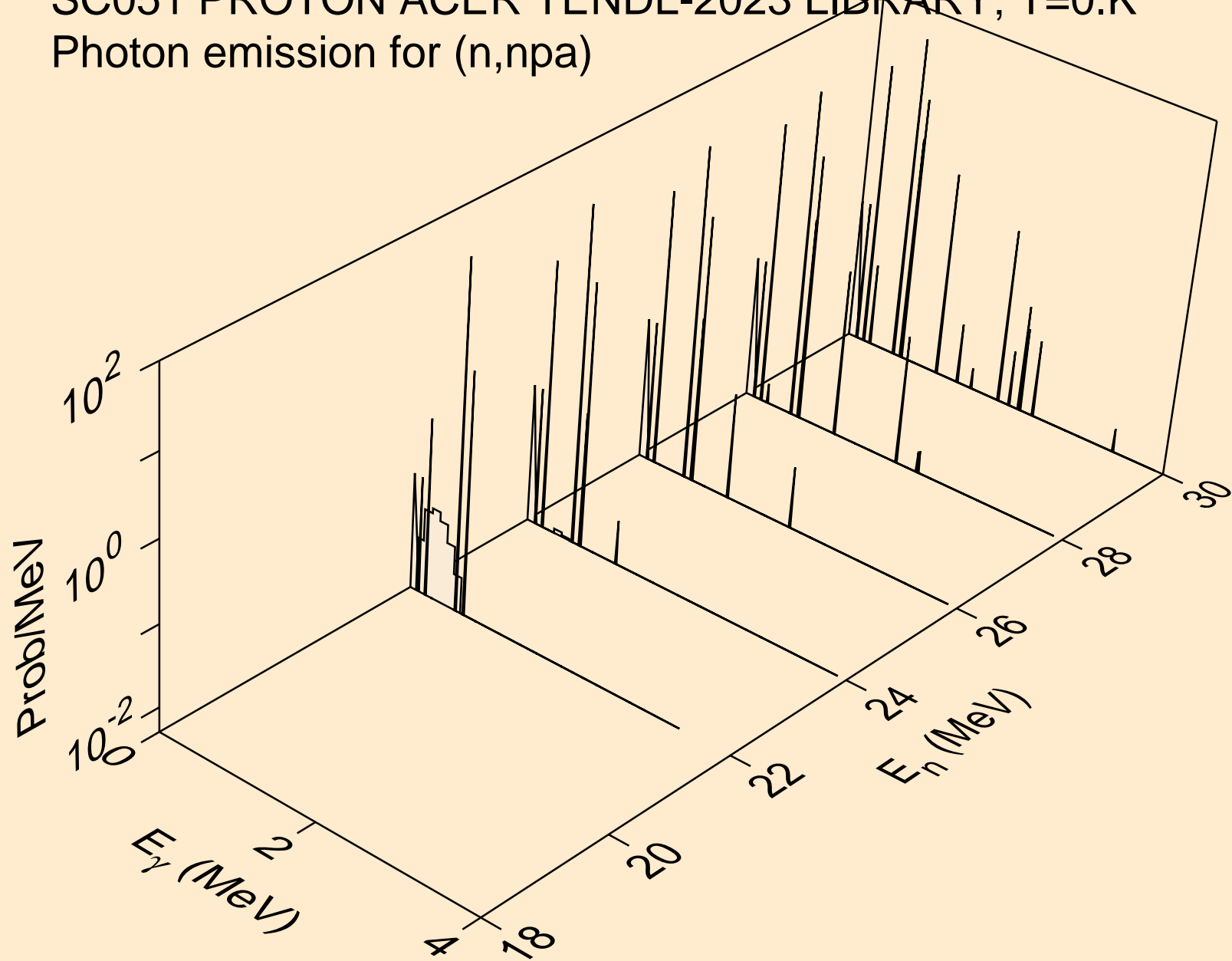
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Photon emission for (n,3np)



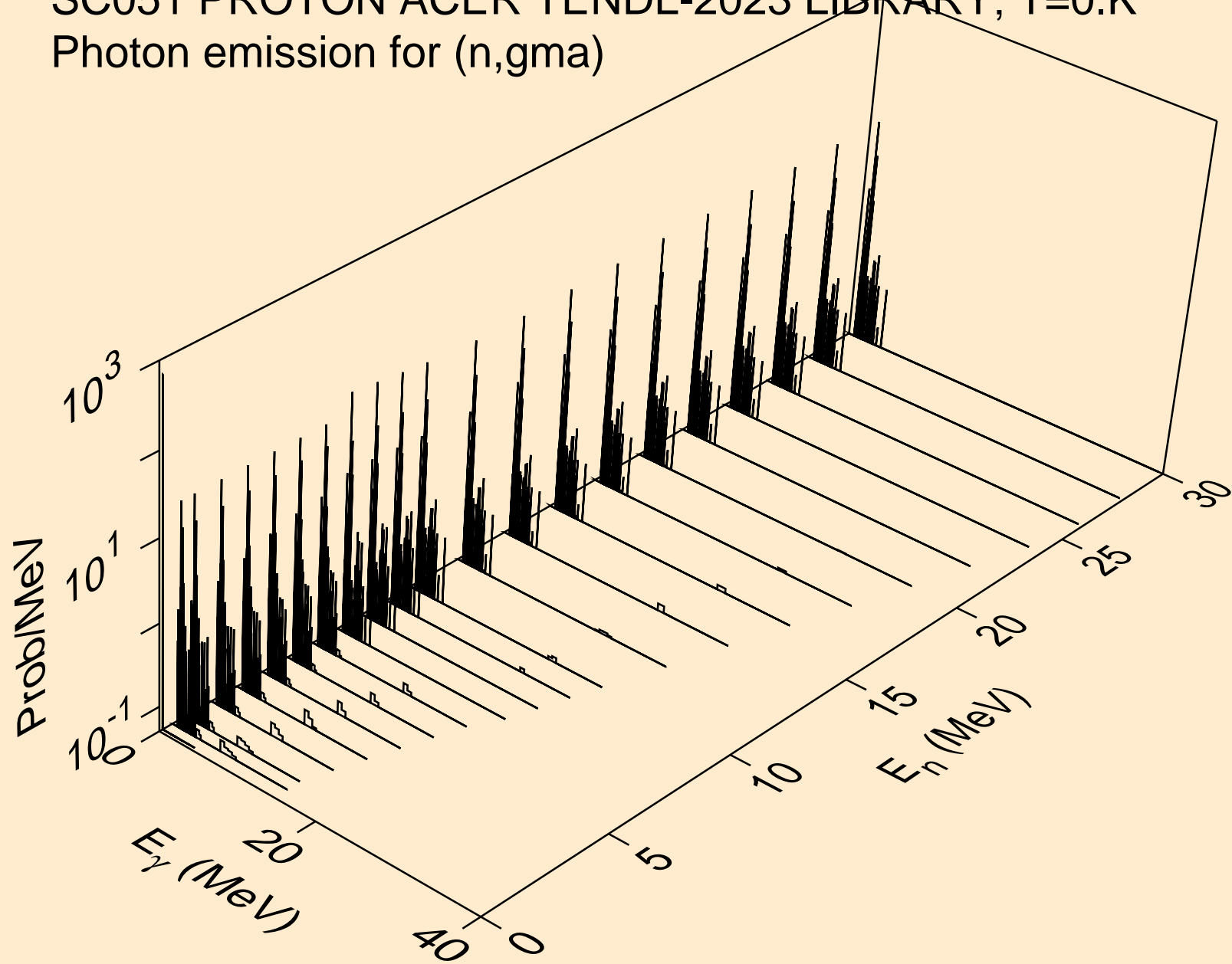
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Photon emission for (n,n2p)



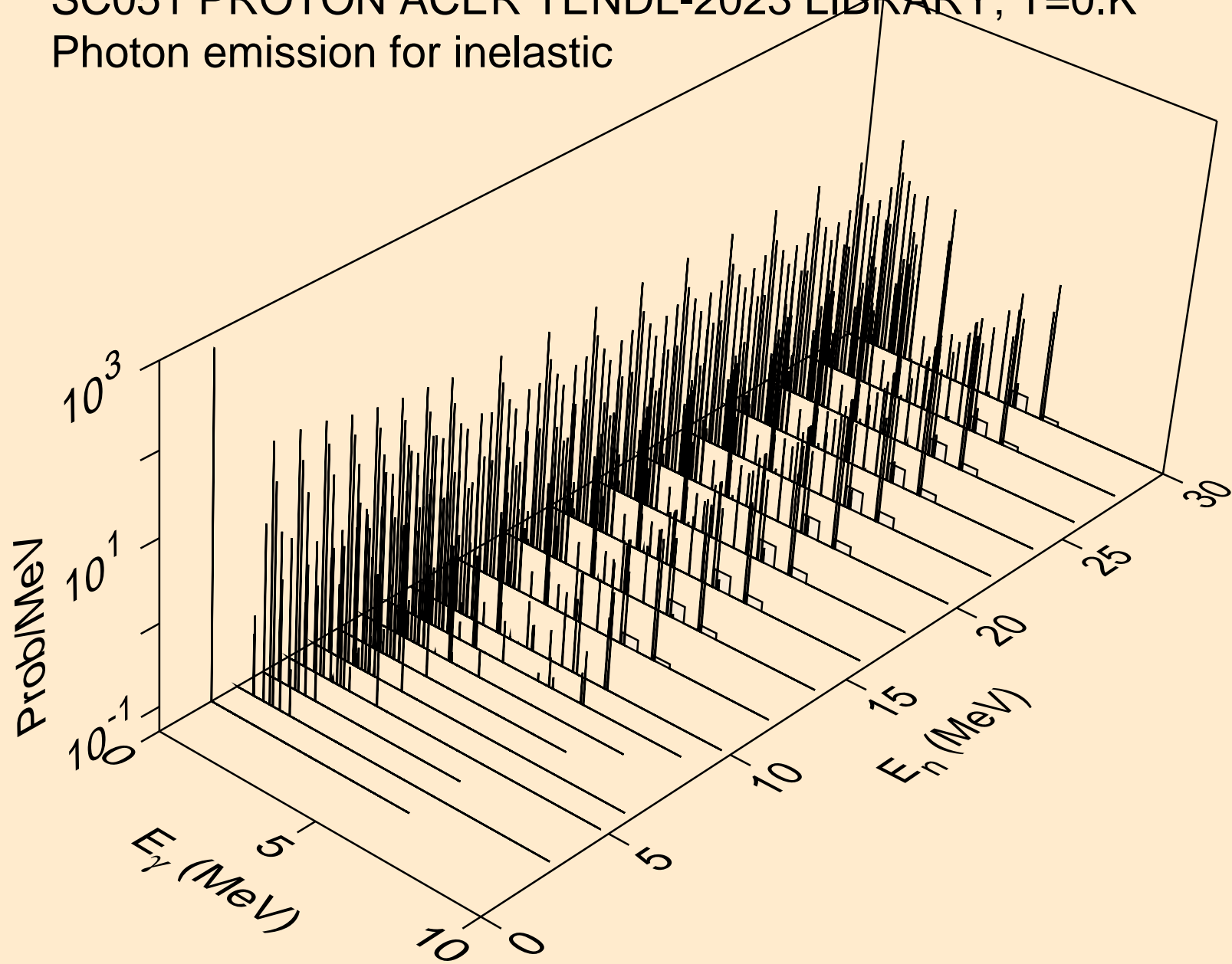
SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)

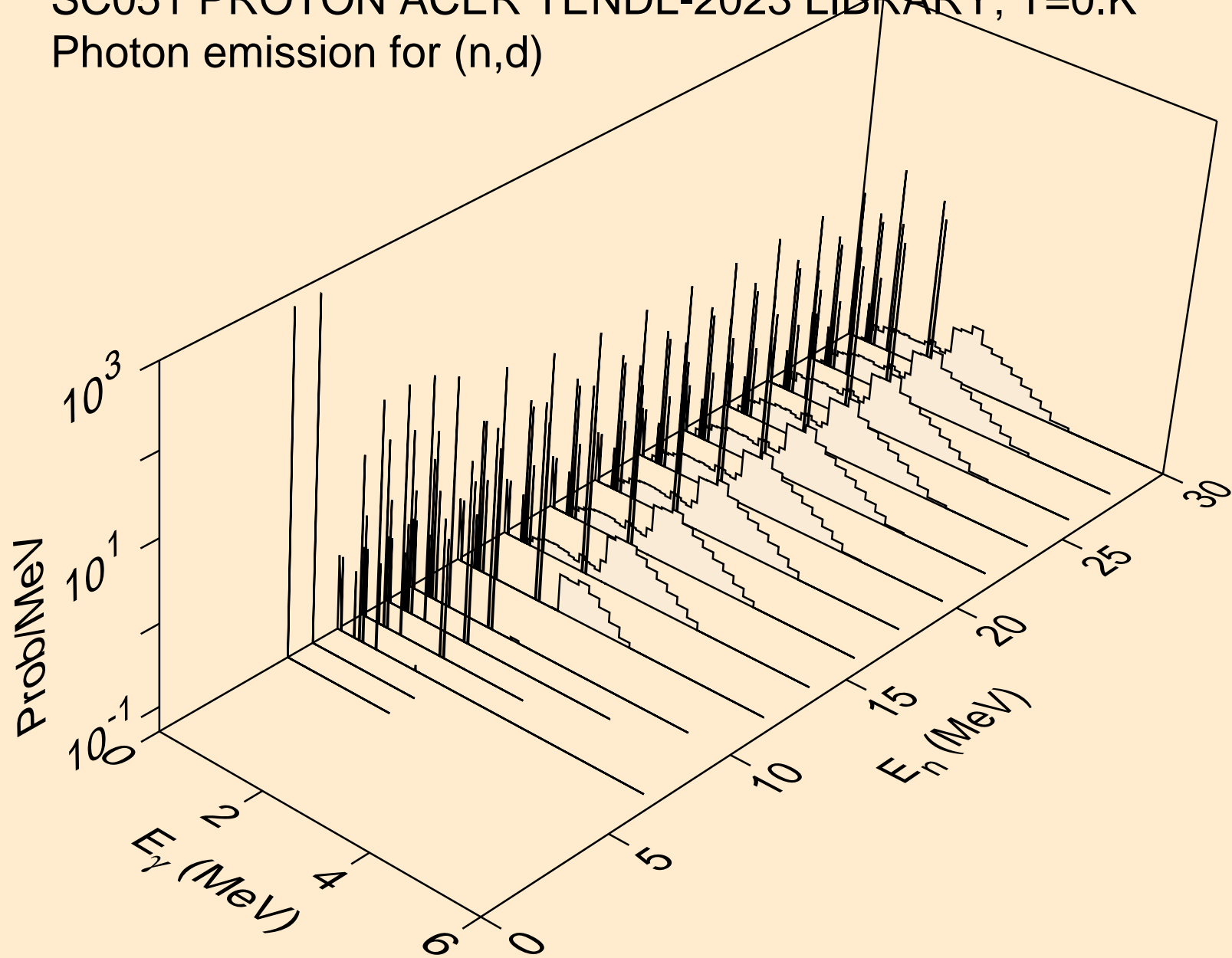


SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

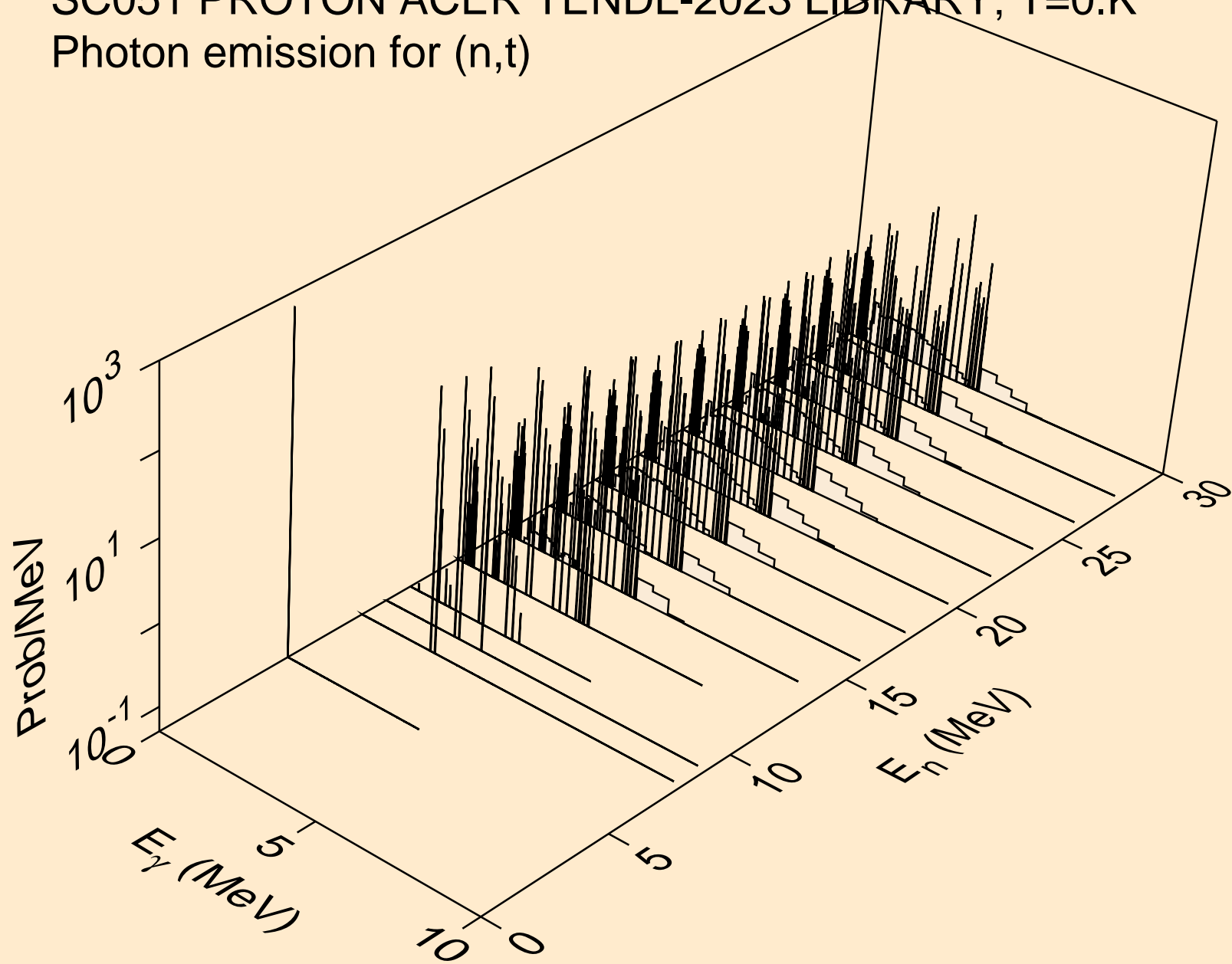




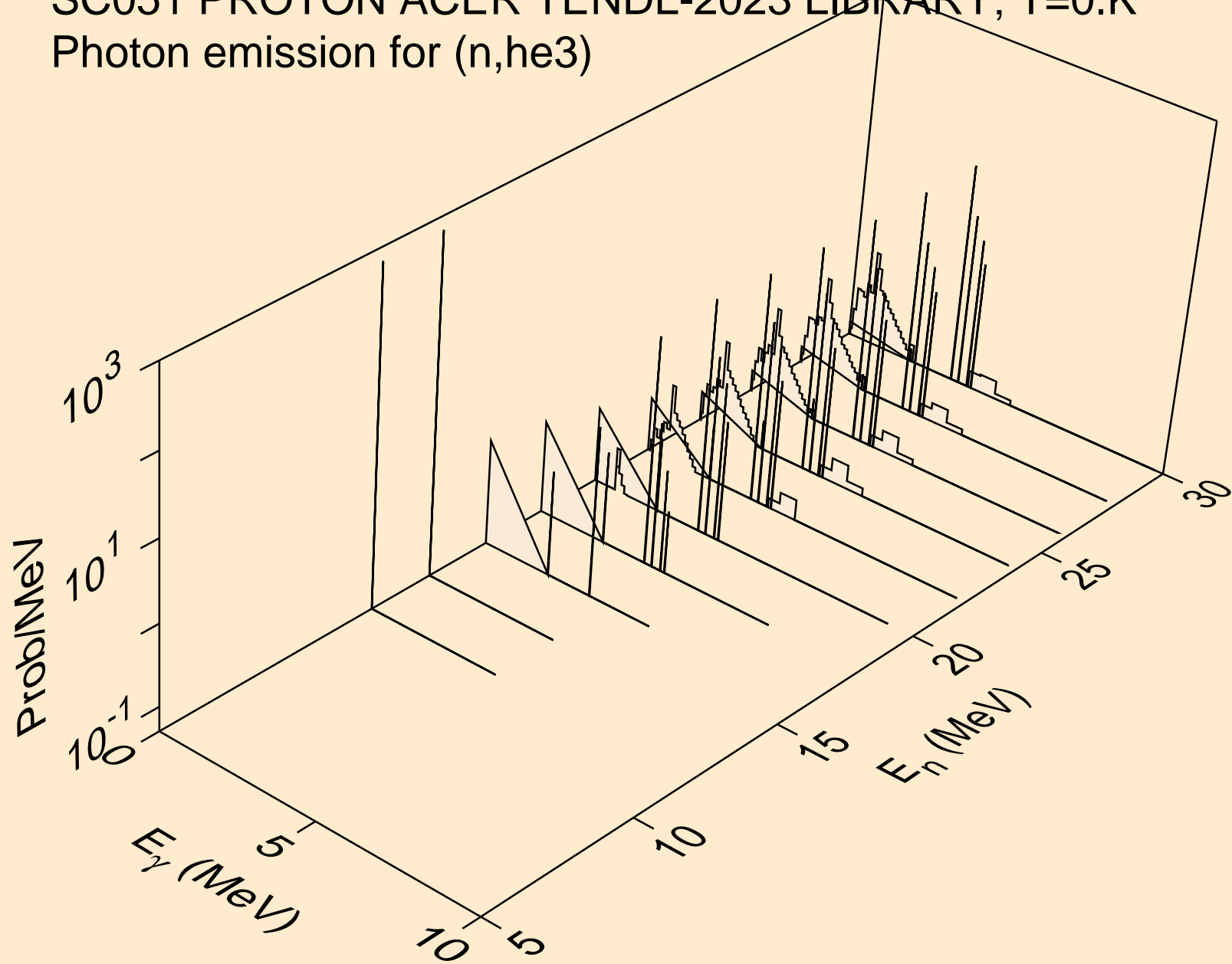
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Photon emission for (n,d)



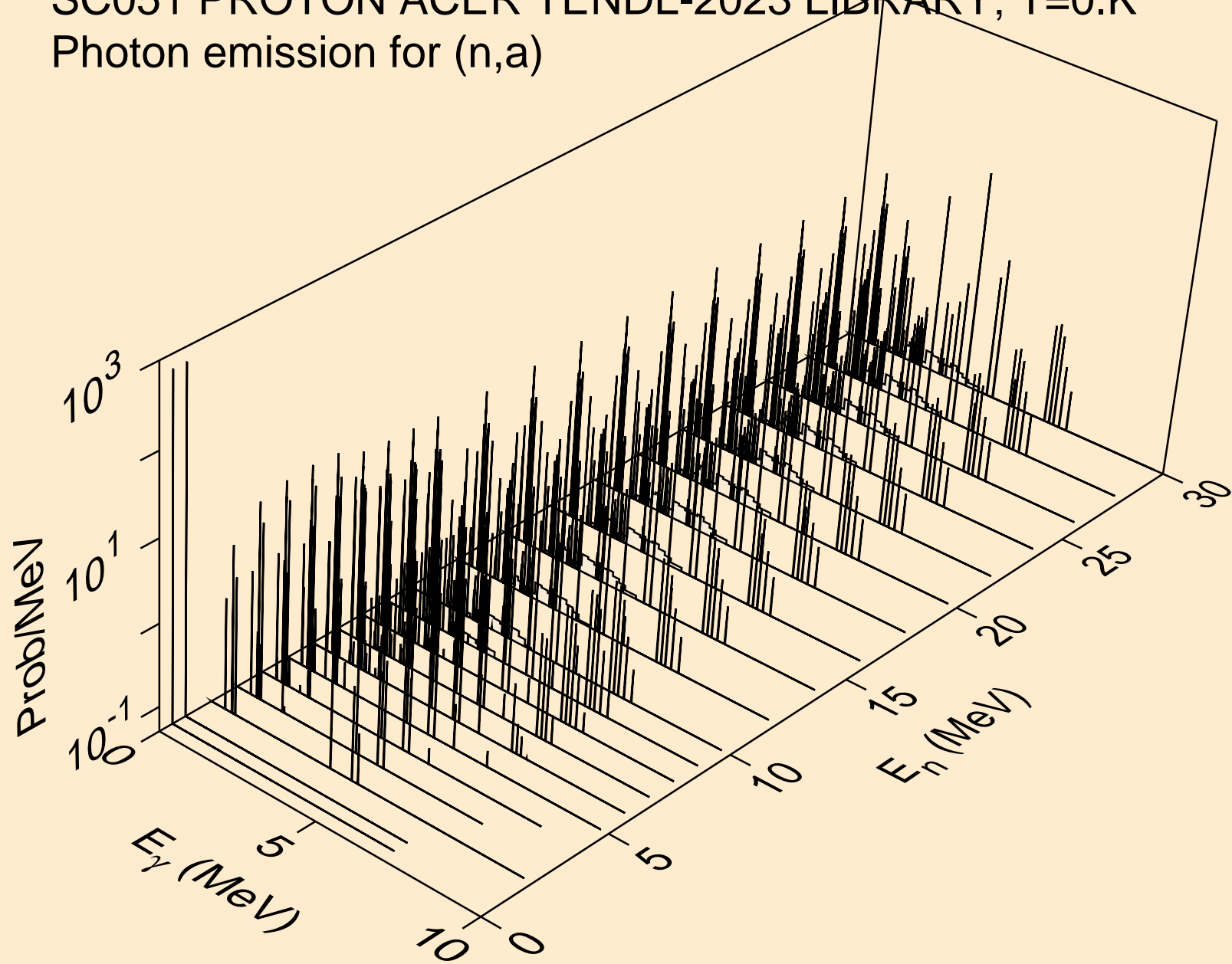
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Photon emission for (n,t)



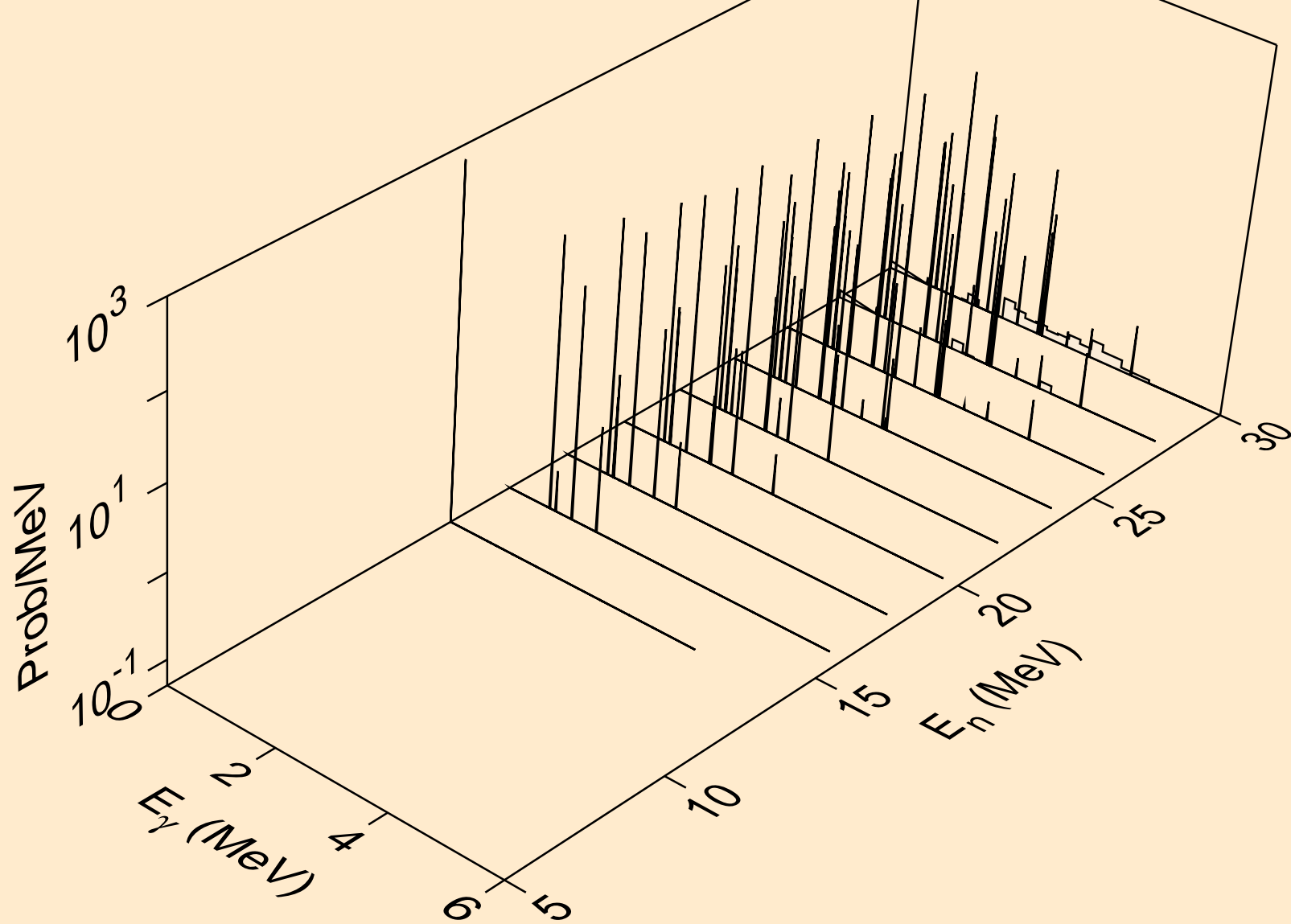
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Photon emission for (n,he3)



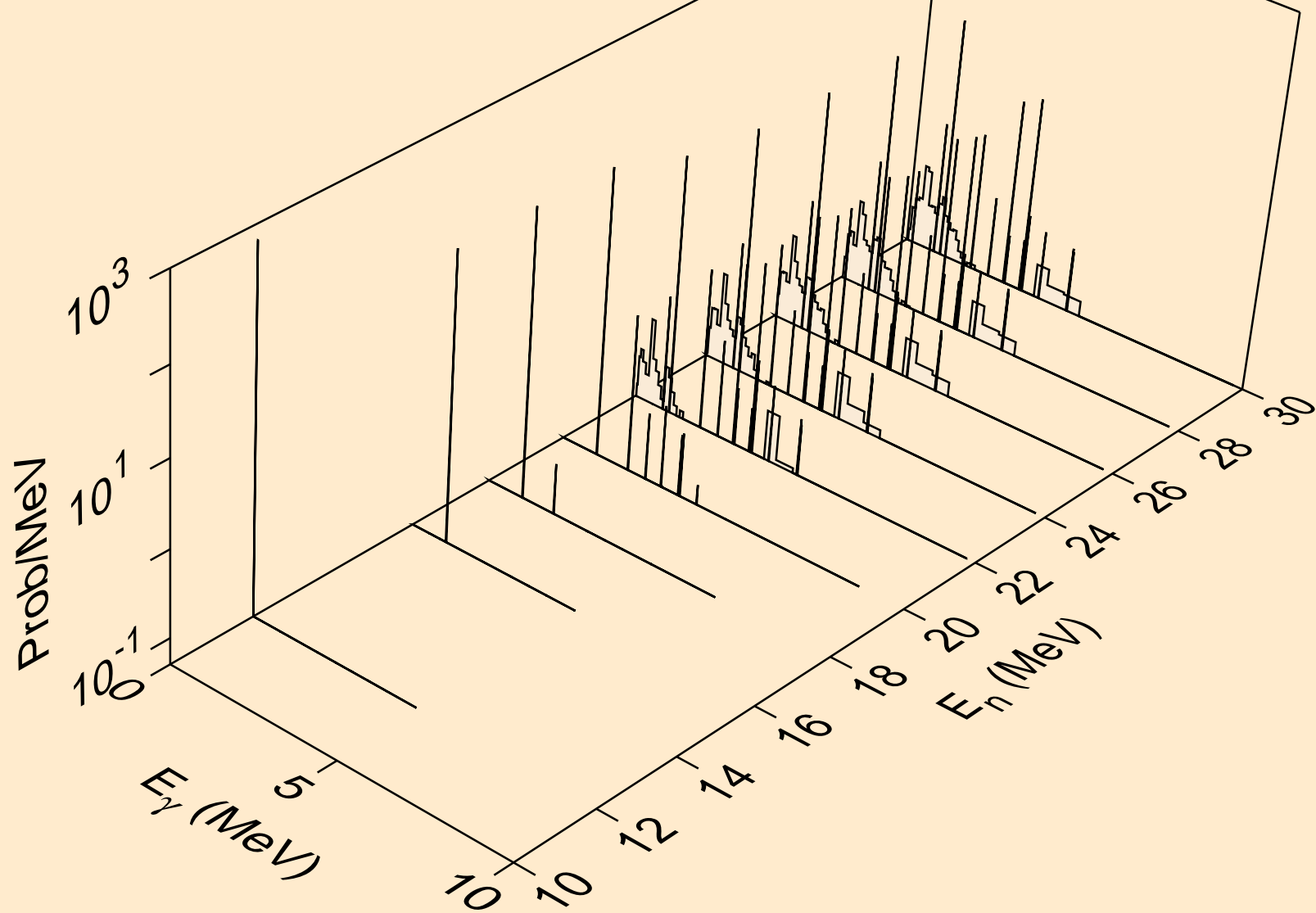
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Photon emission for (n,a)



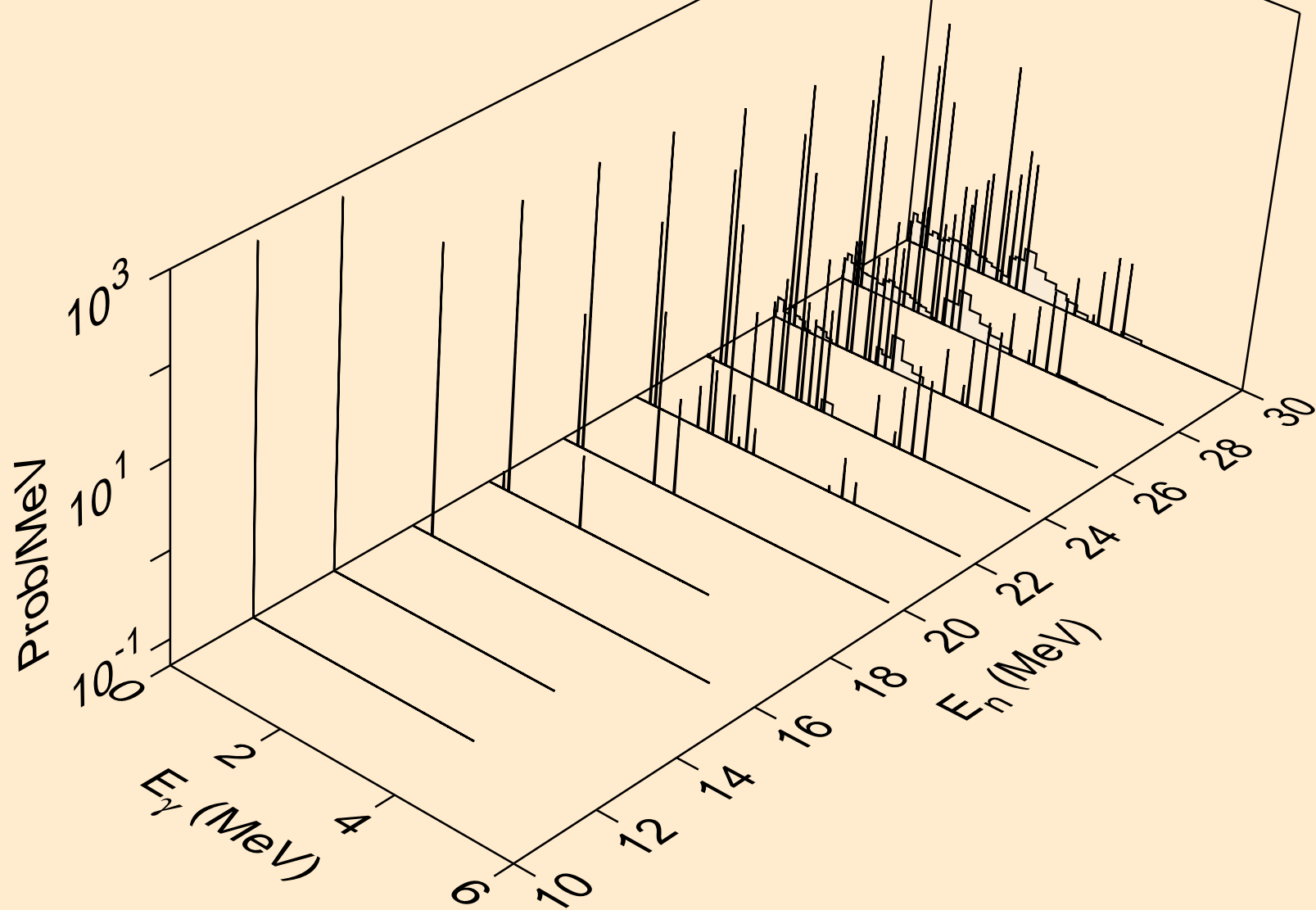
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Photon emission for (n,2a)



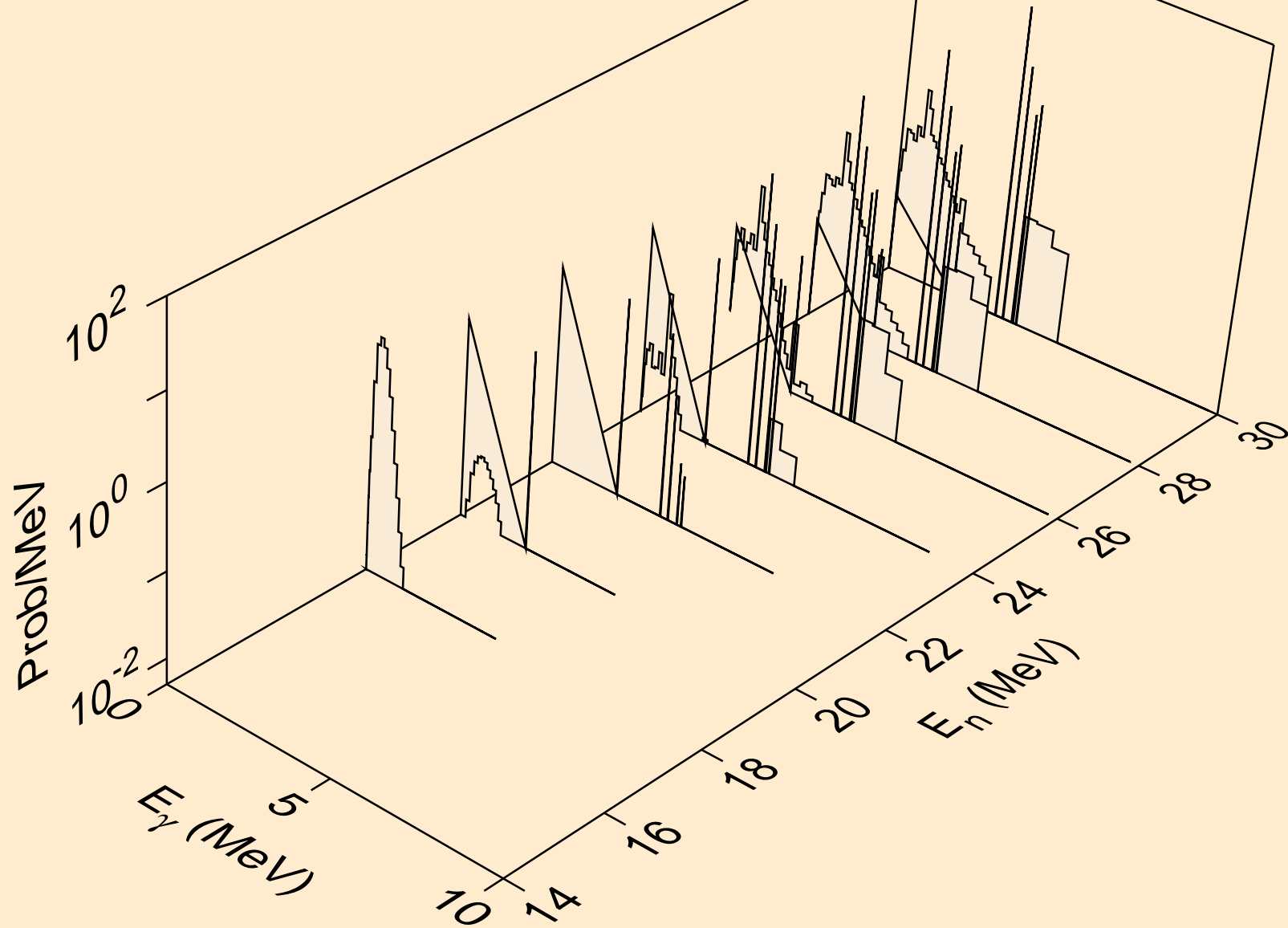
SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)

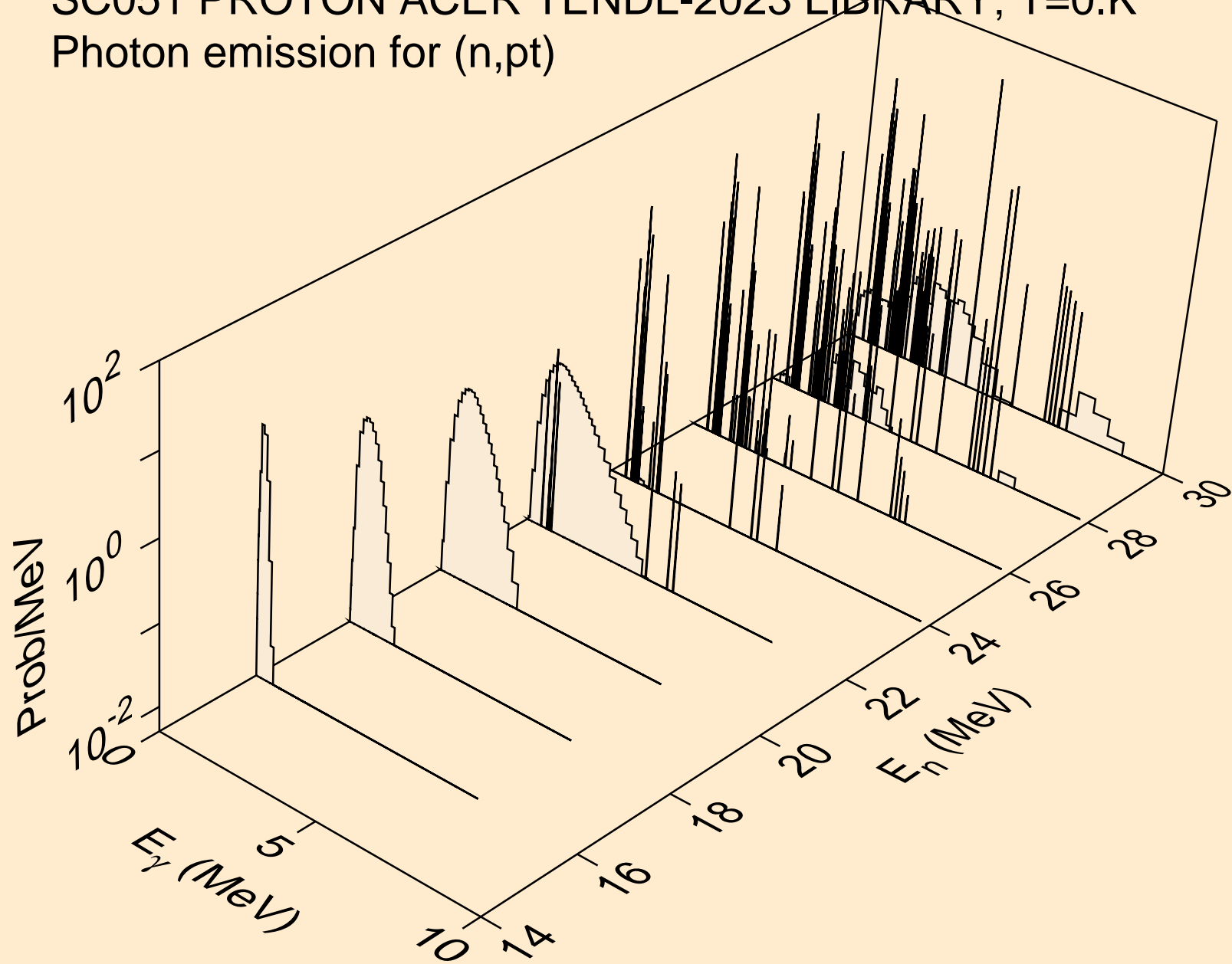


SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)

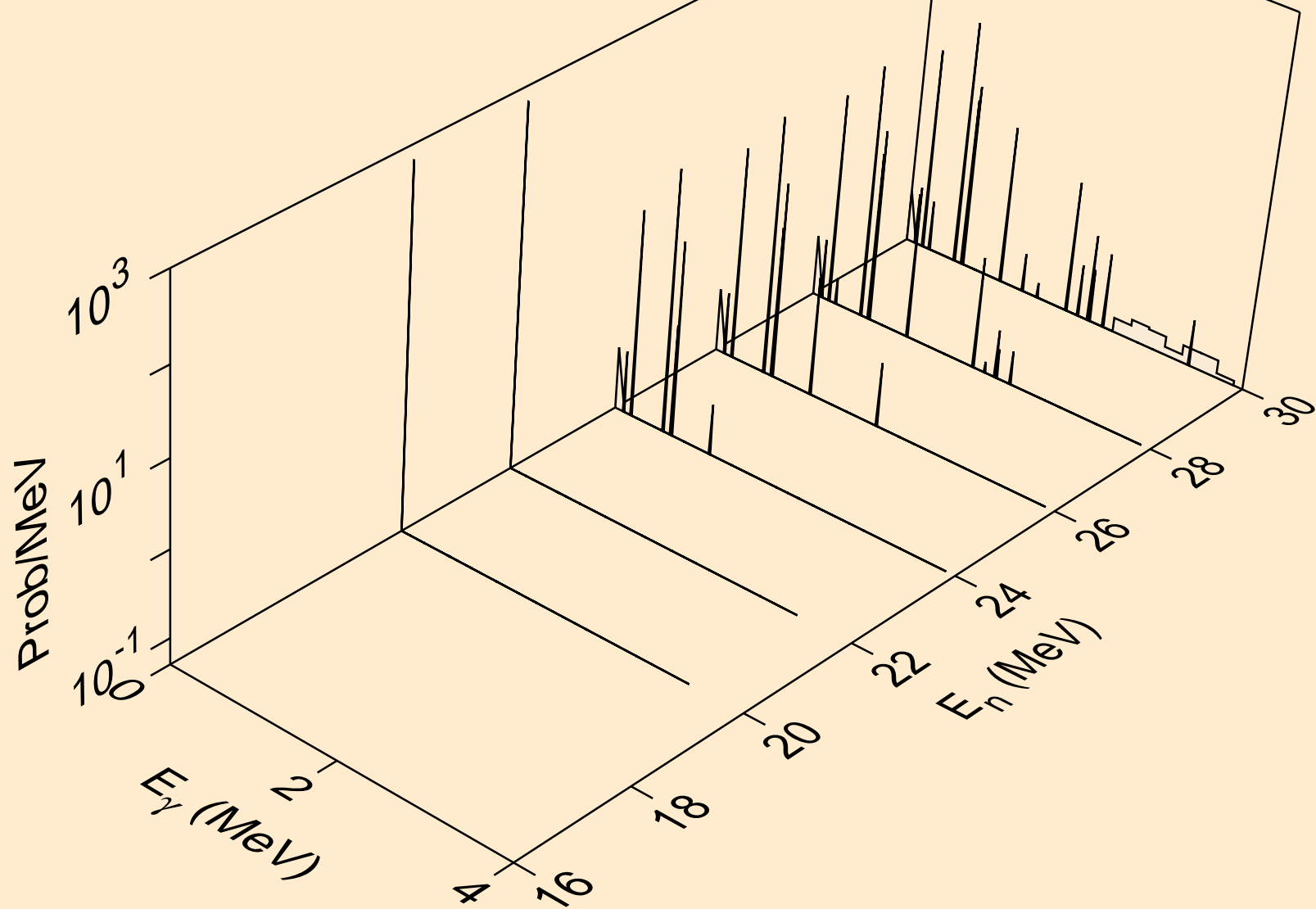




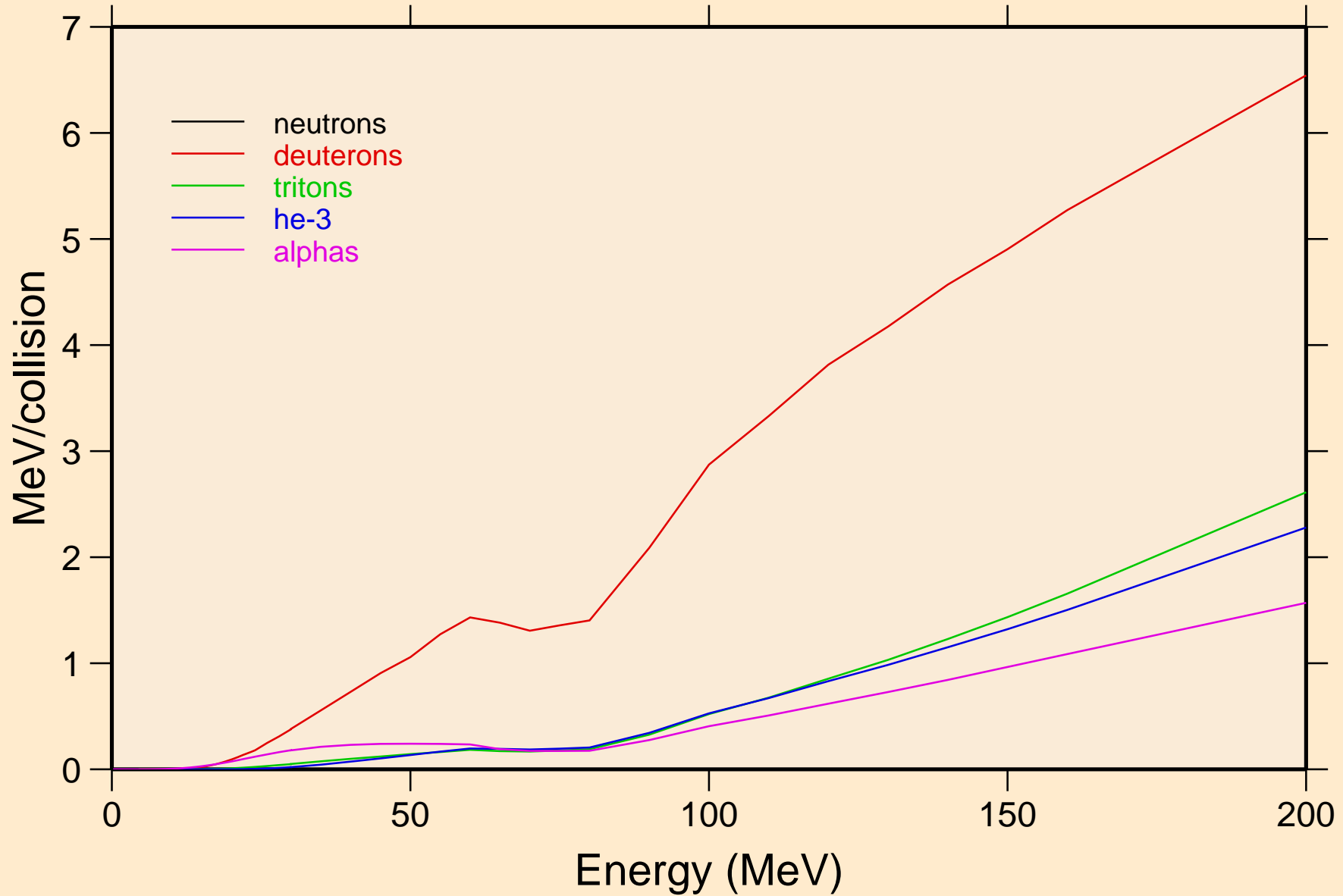
SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)

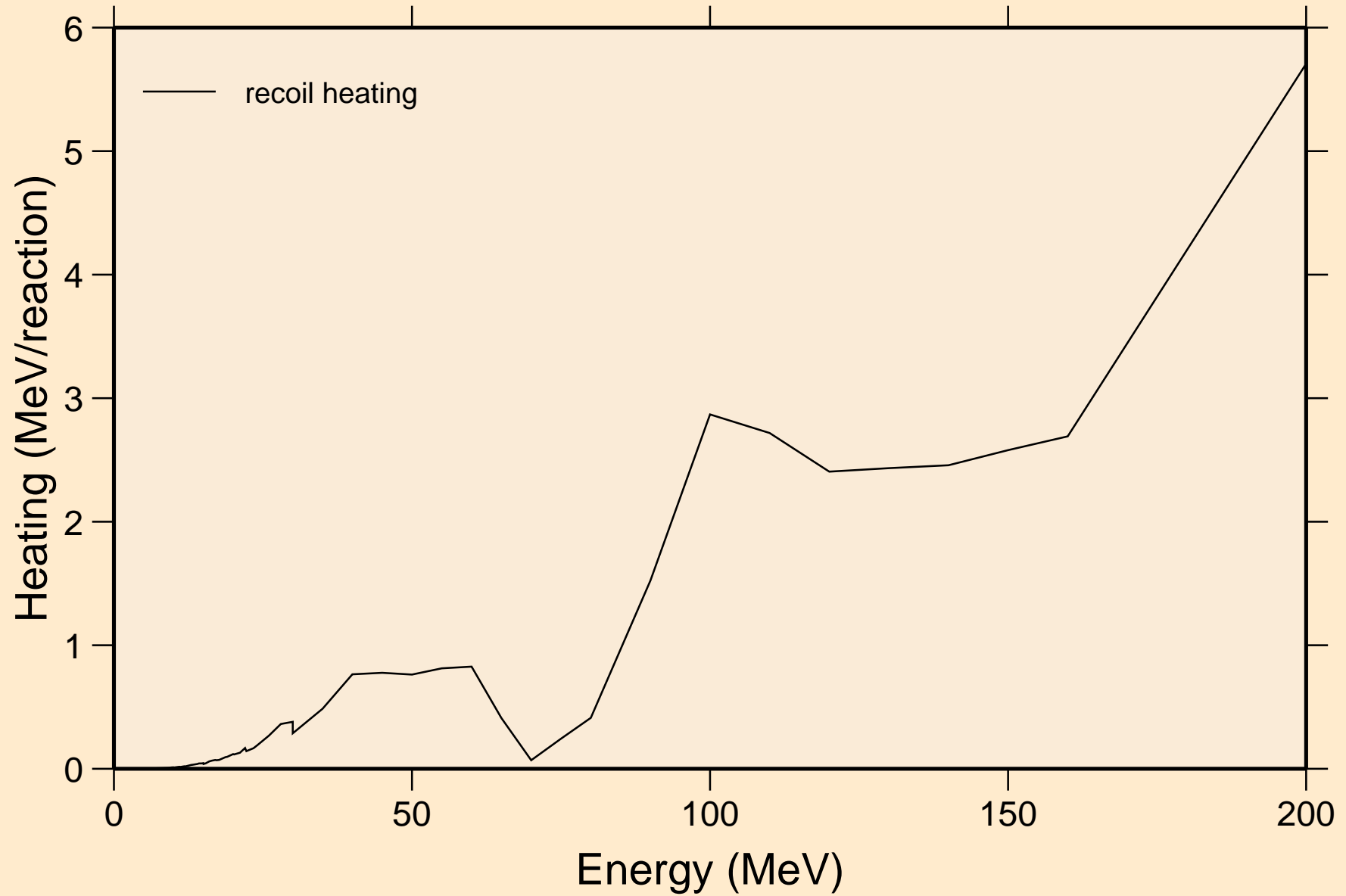


SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions

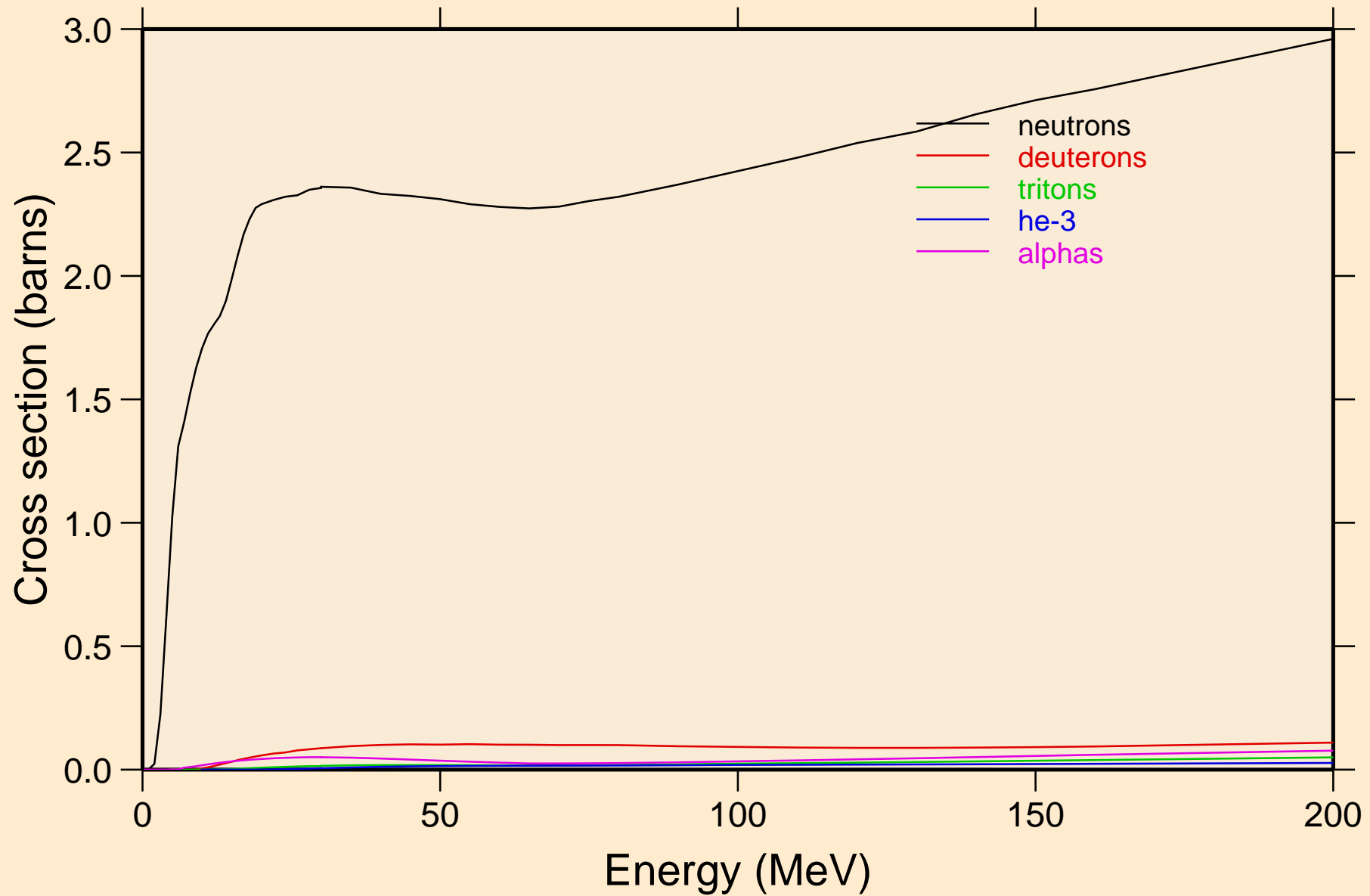


# SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K

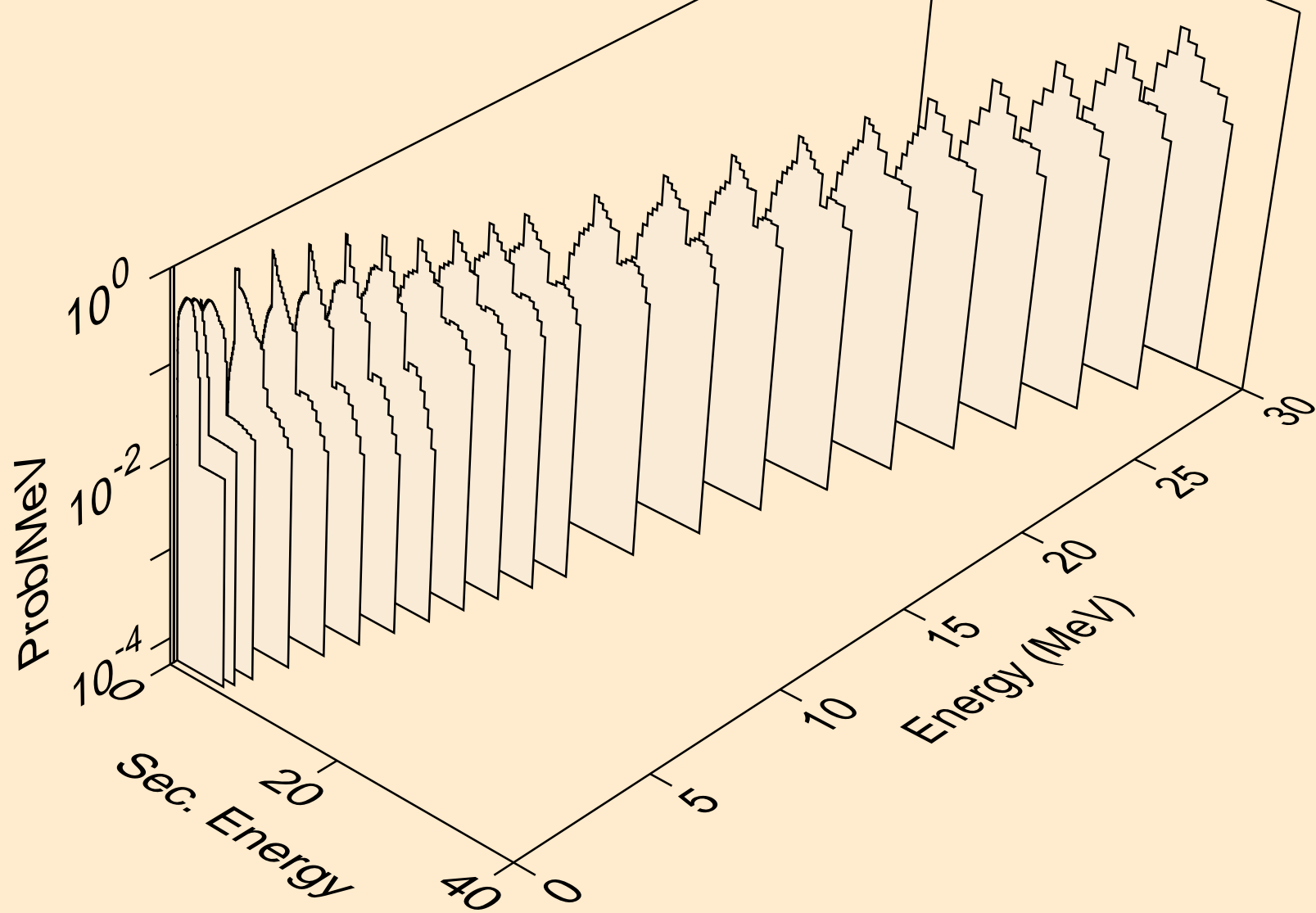
## Recoil Heating



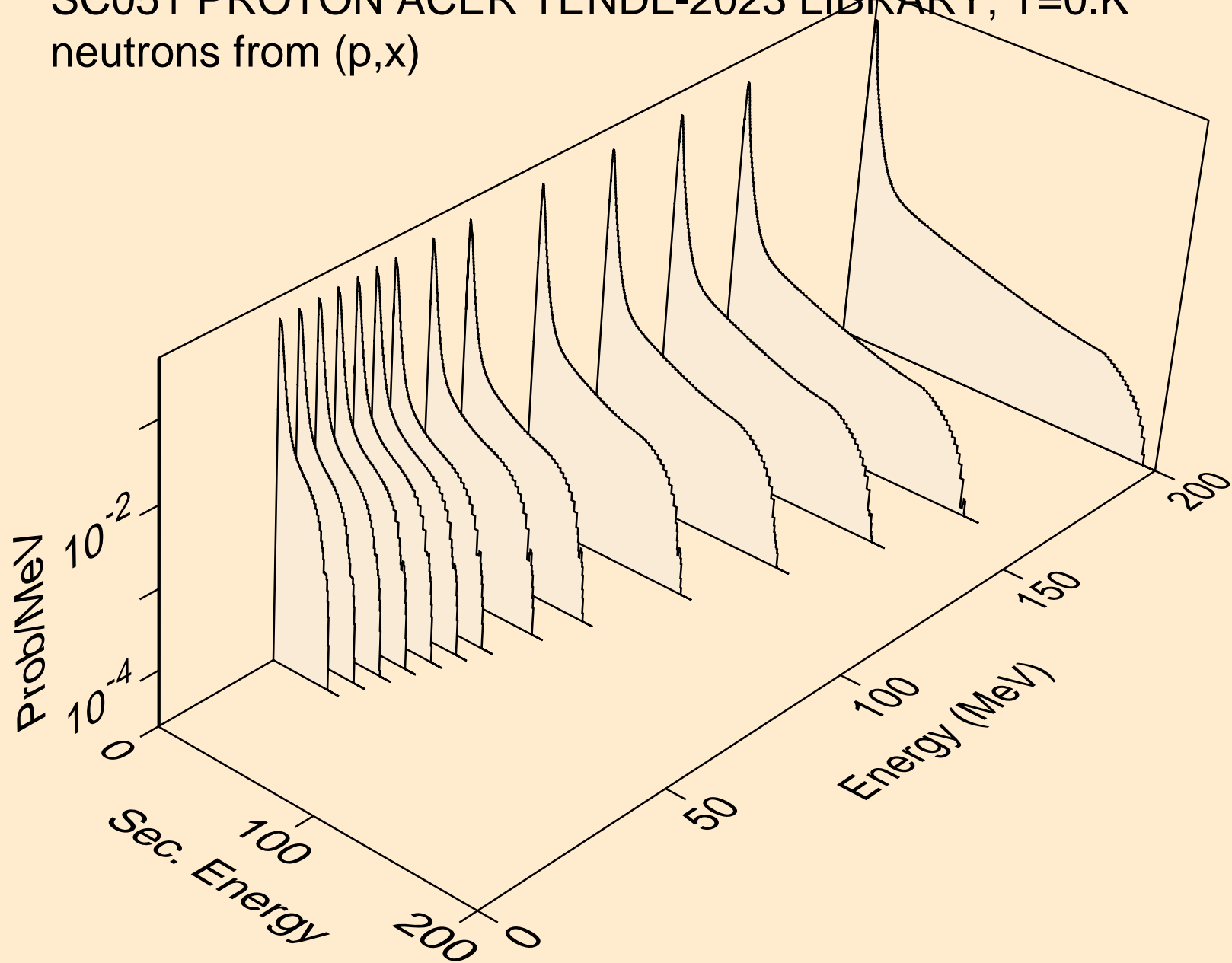
SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



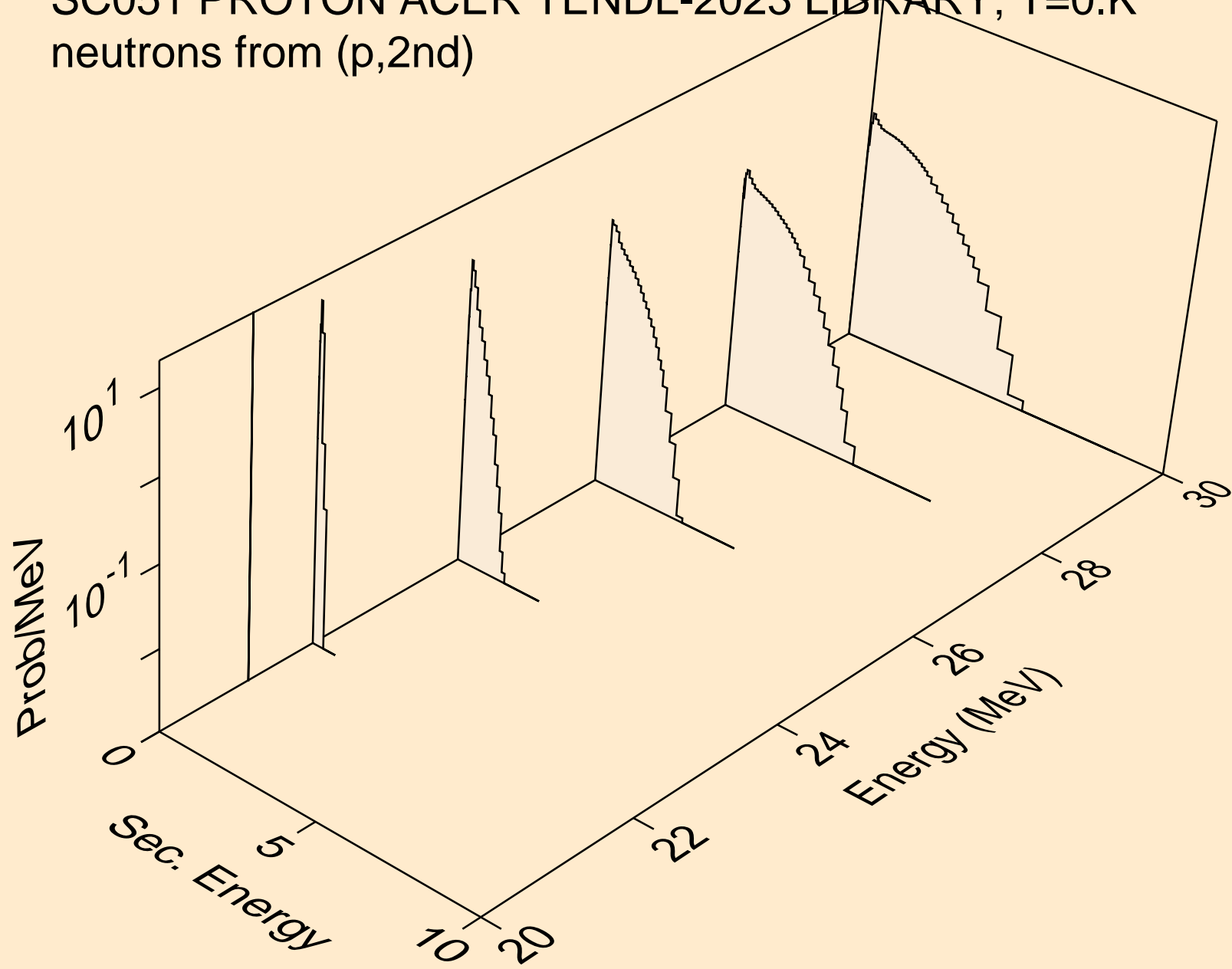
SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)

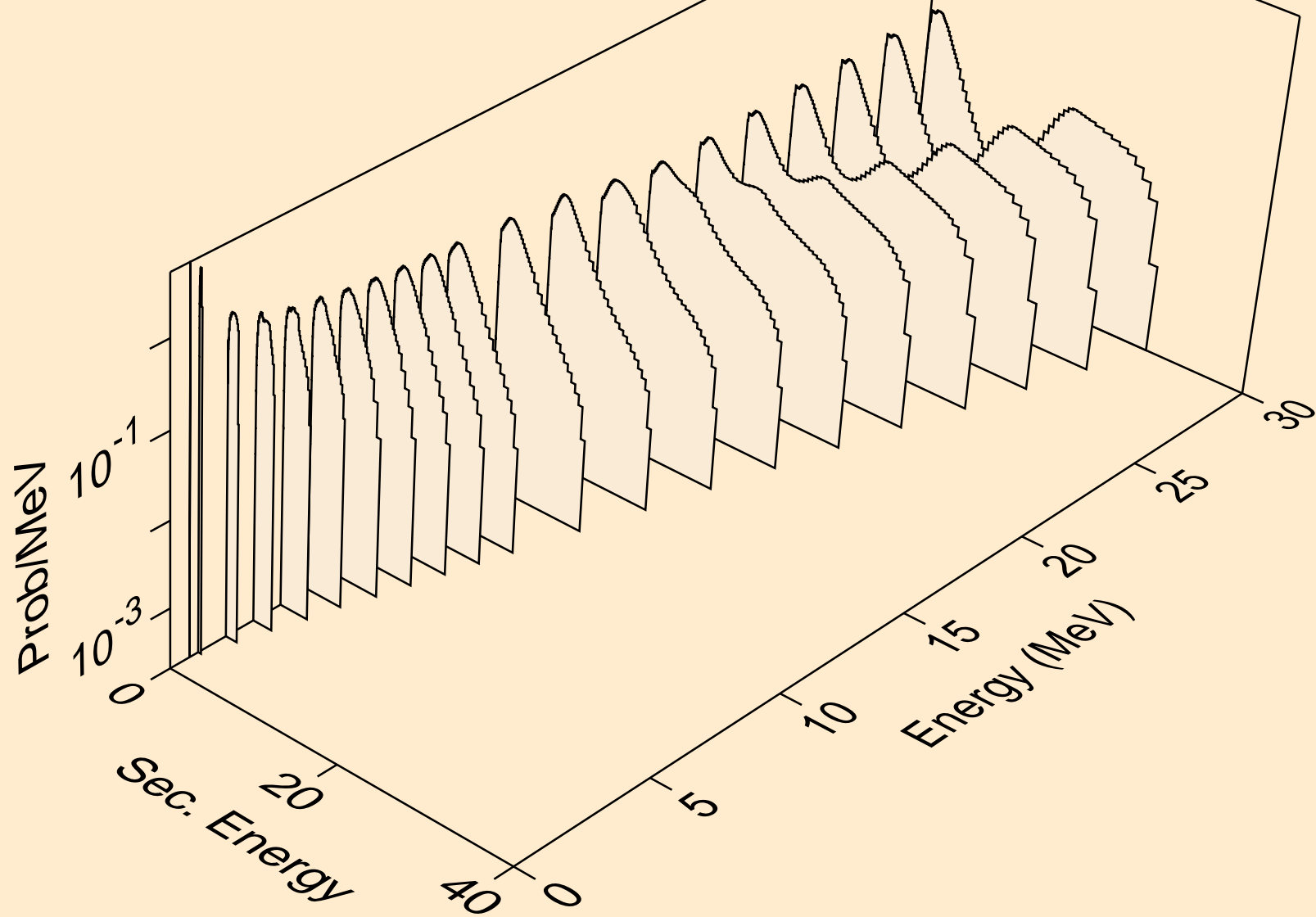


SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2nd)

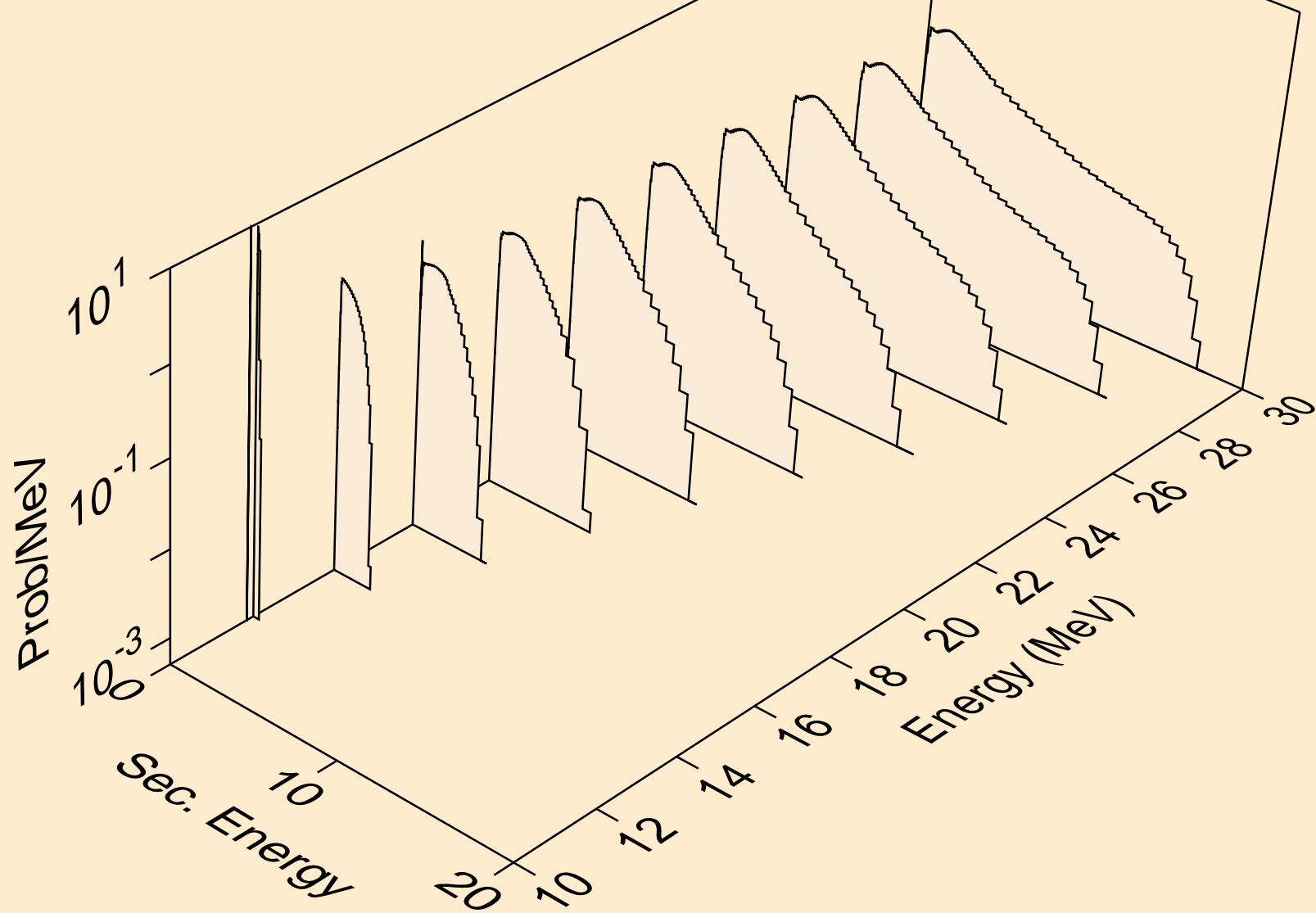




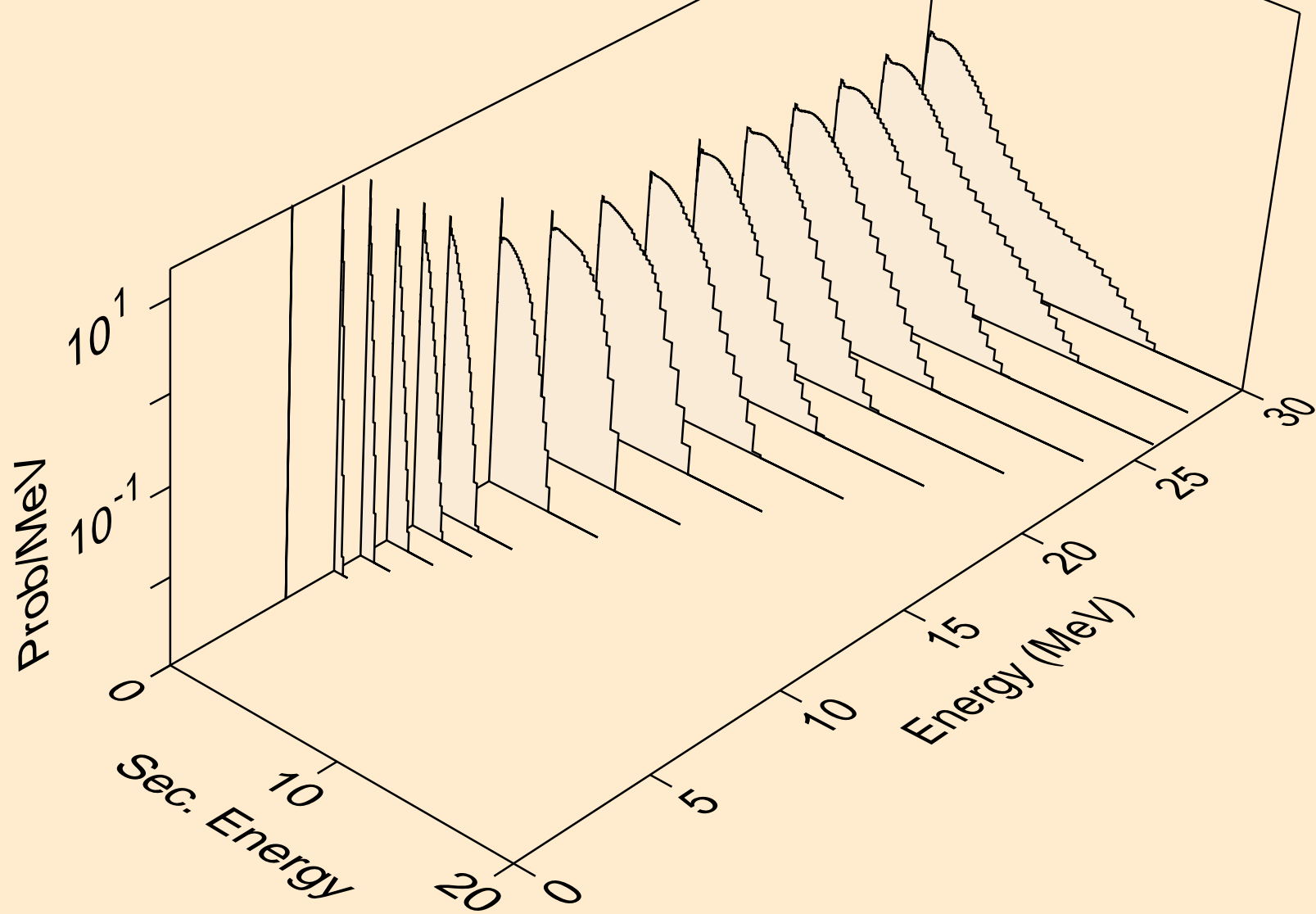
SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)



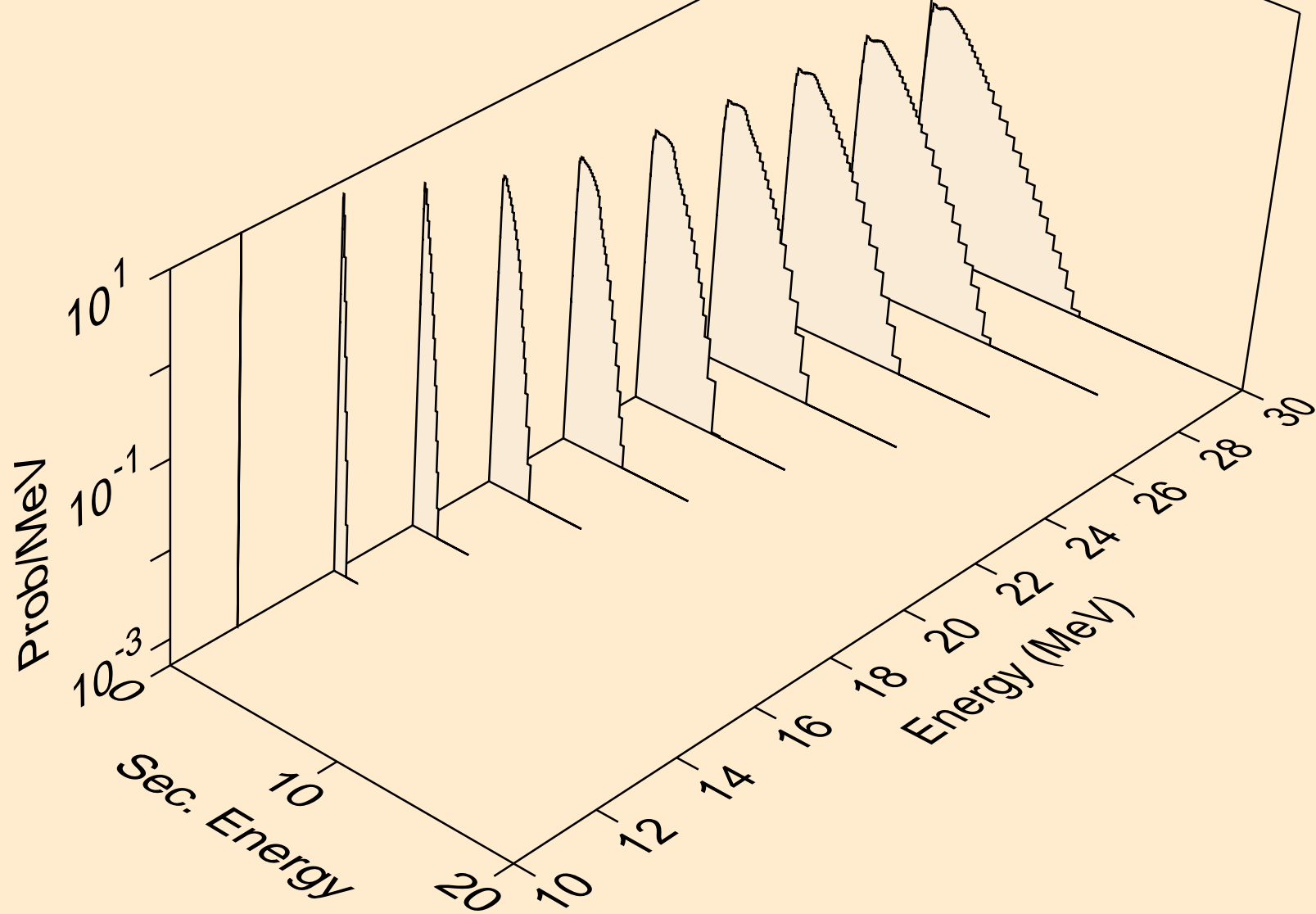
SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)



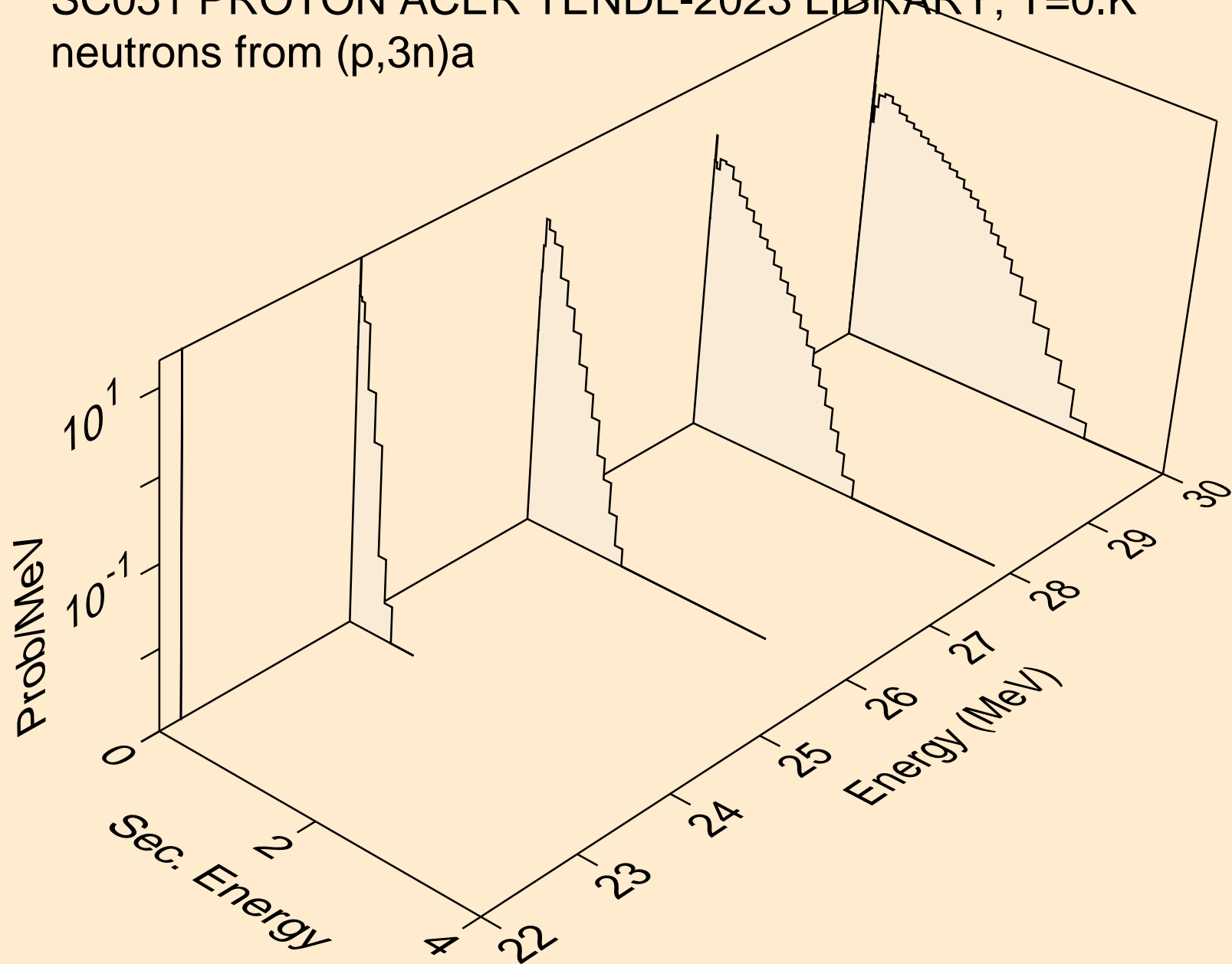
SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



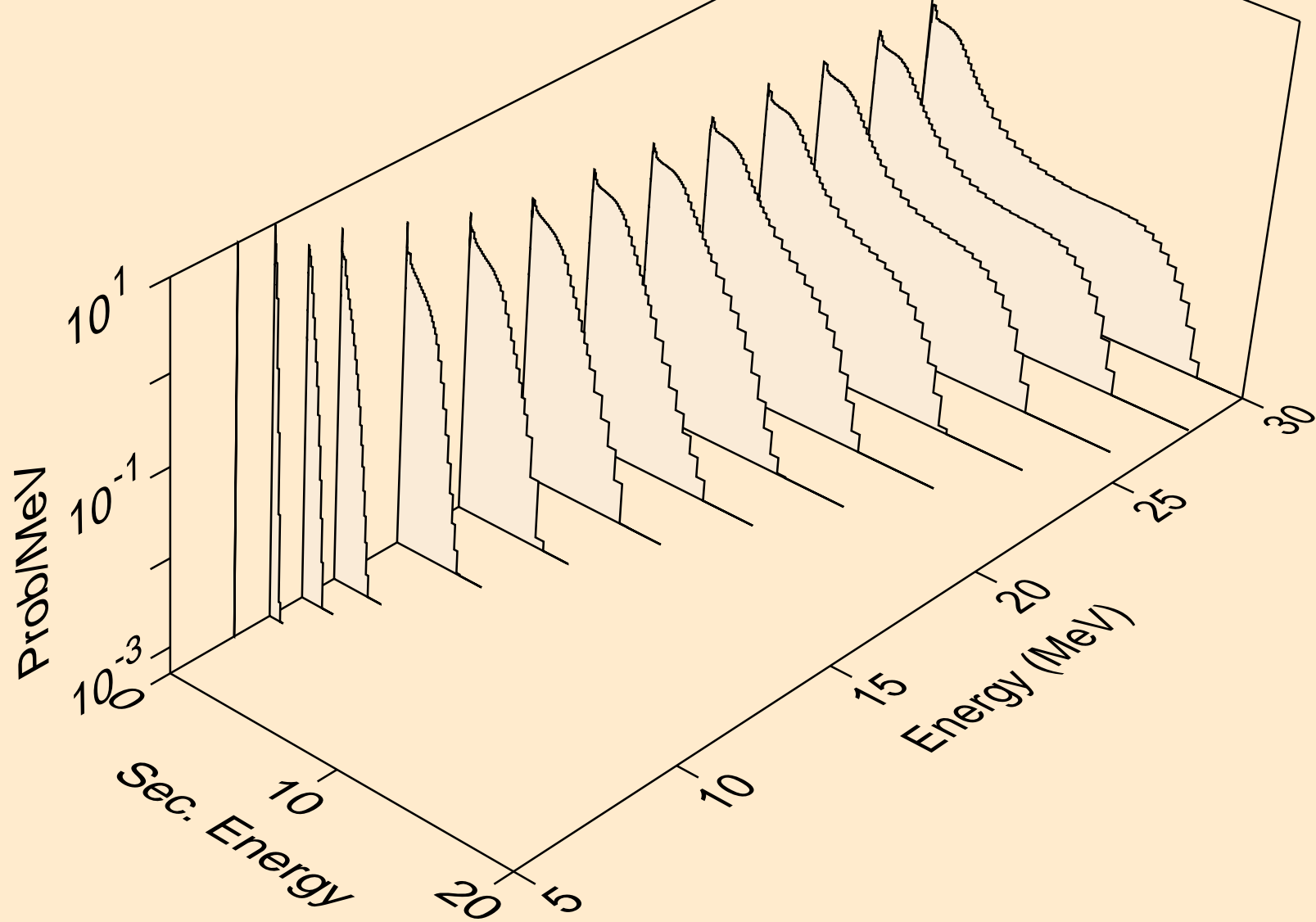
SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)a



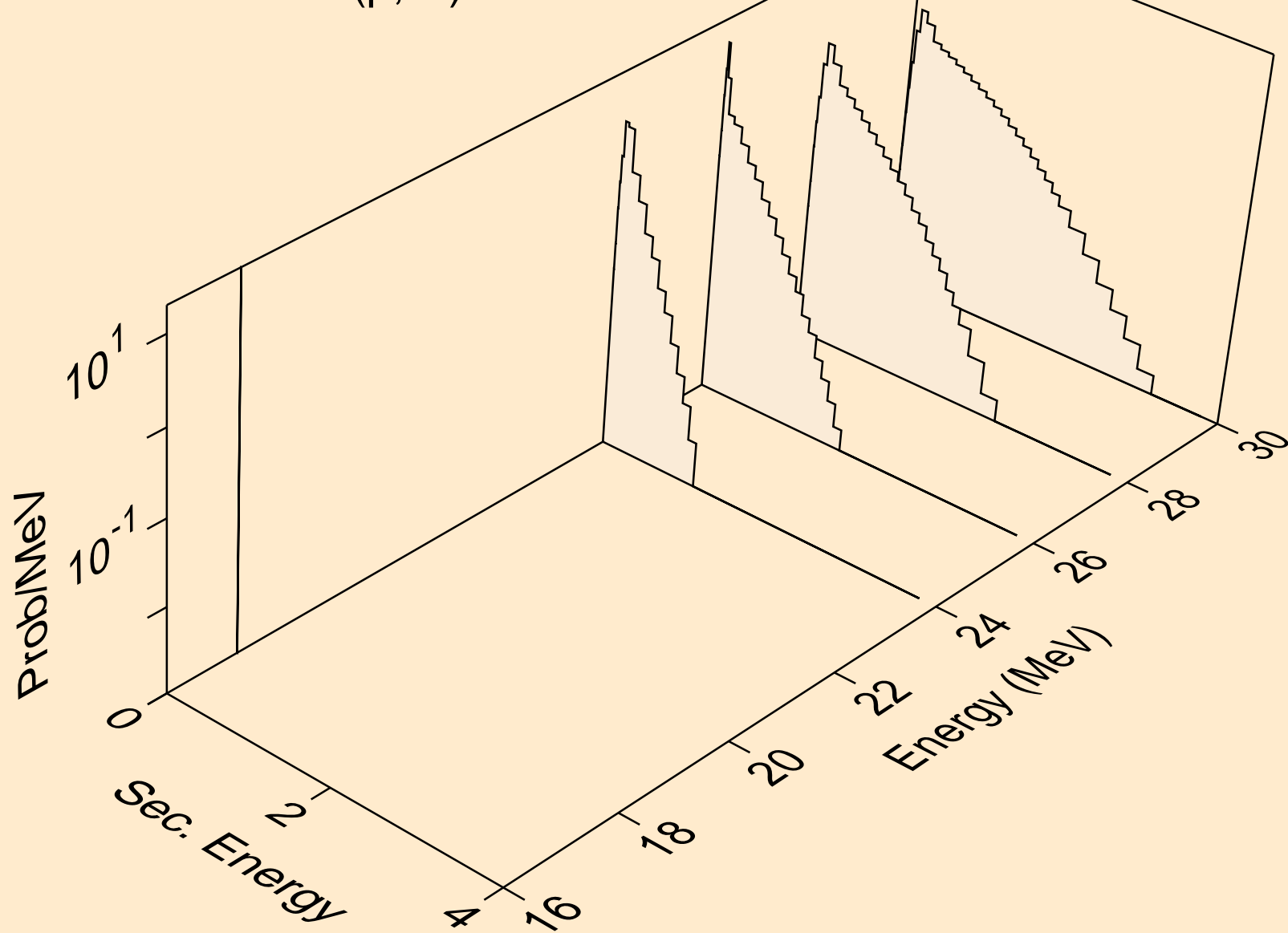
SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)a



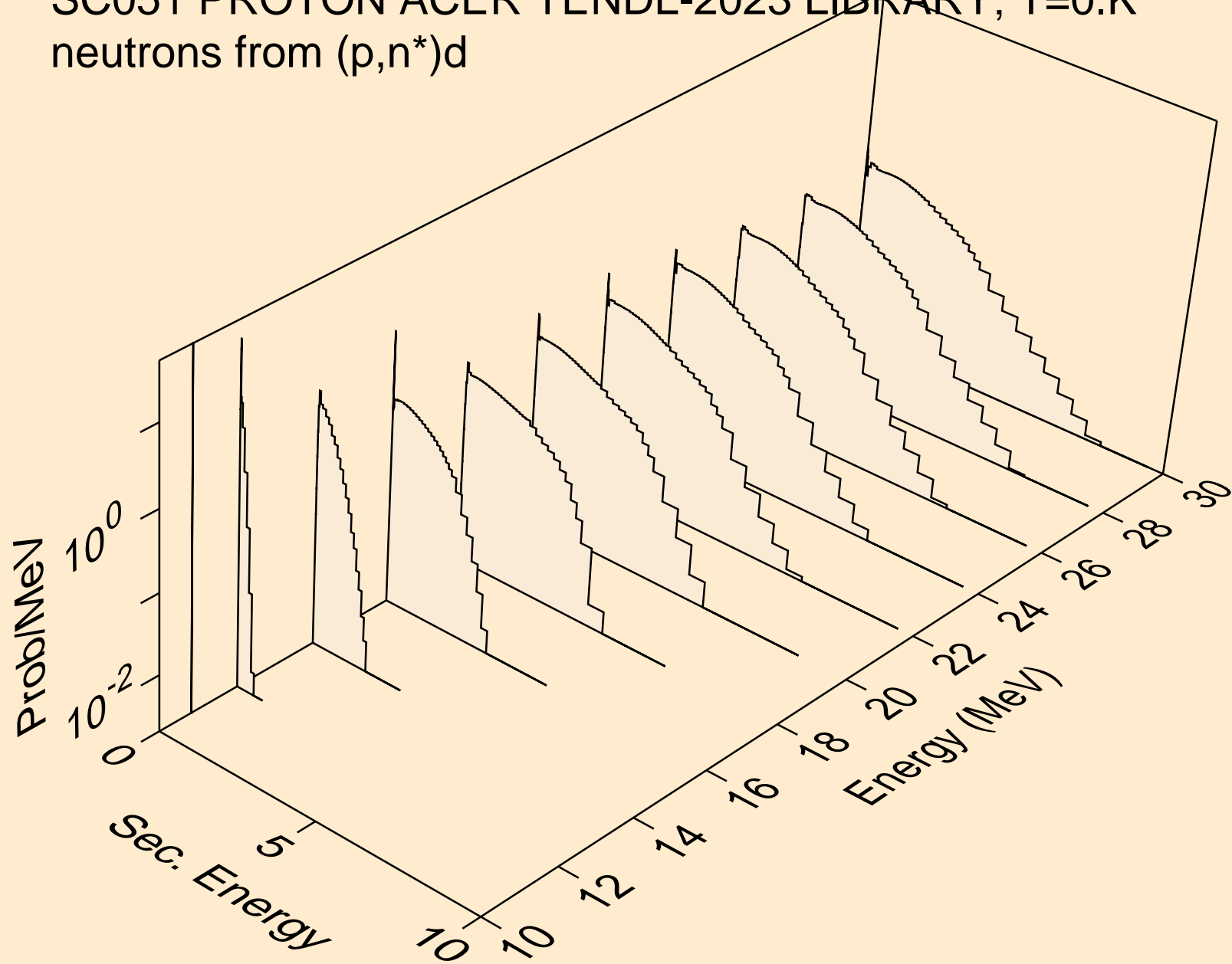
SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)p



SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)2a

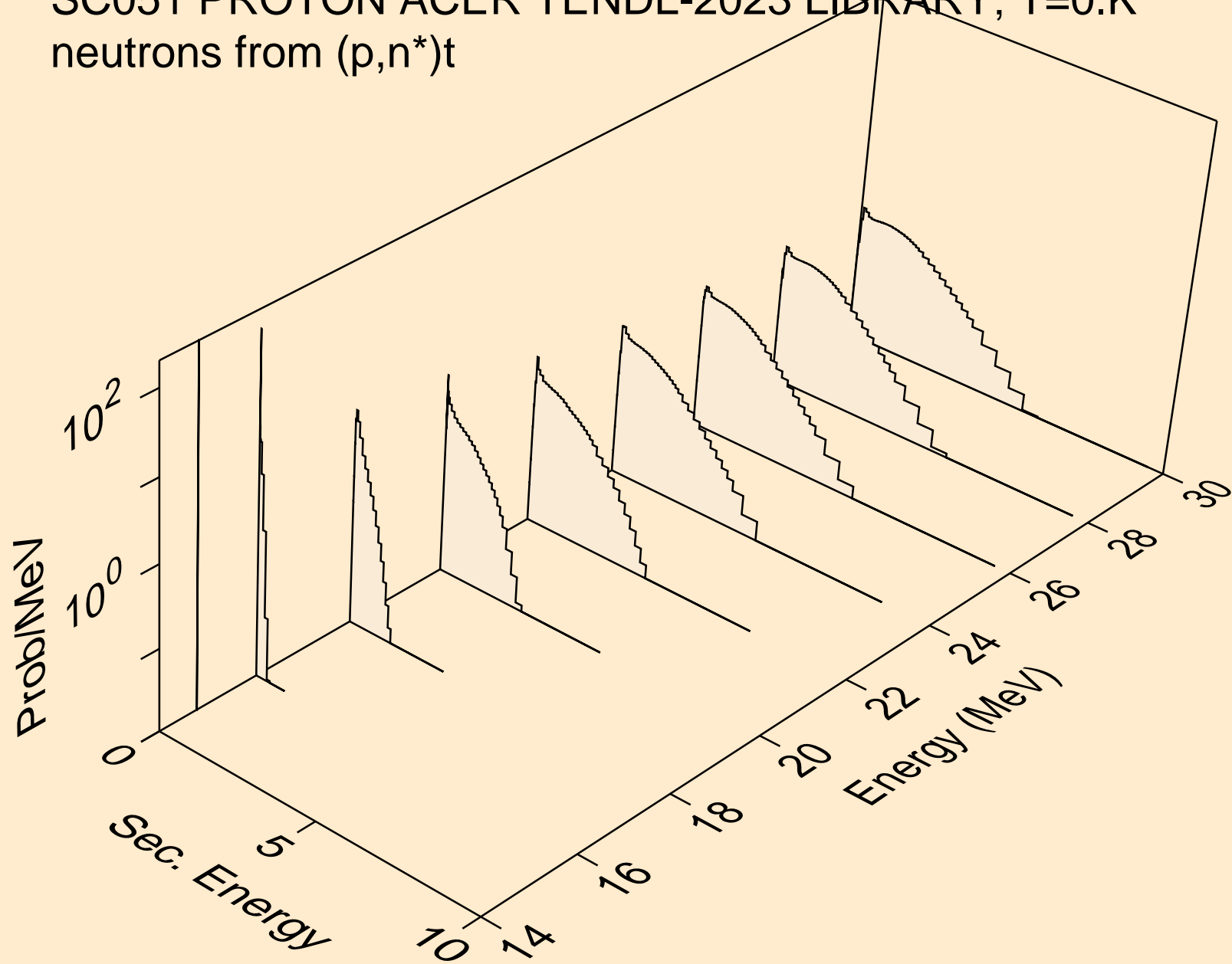


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neutrons from (p,n\*)d

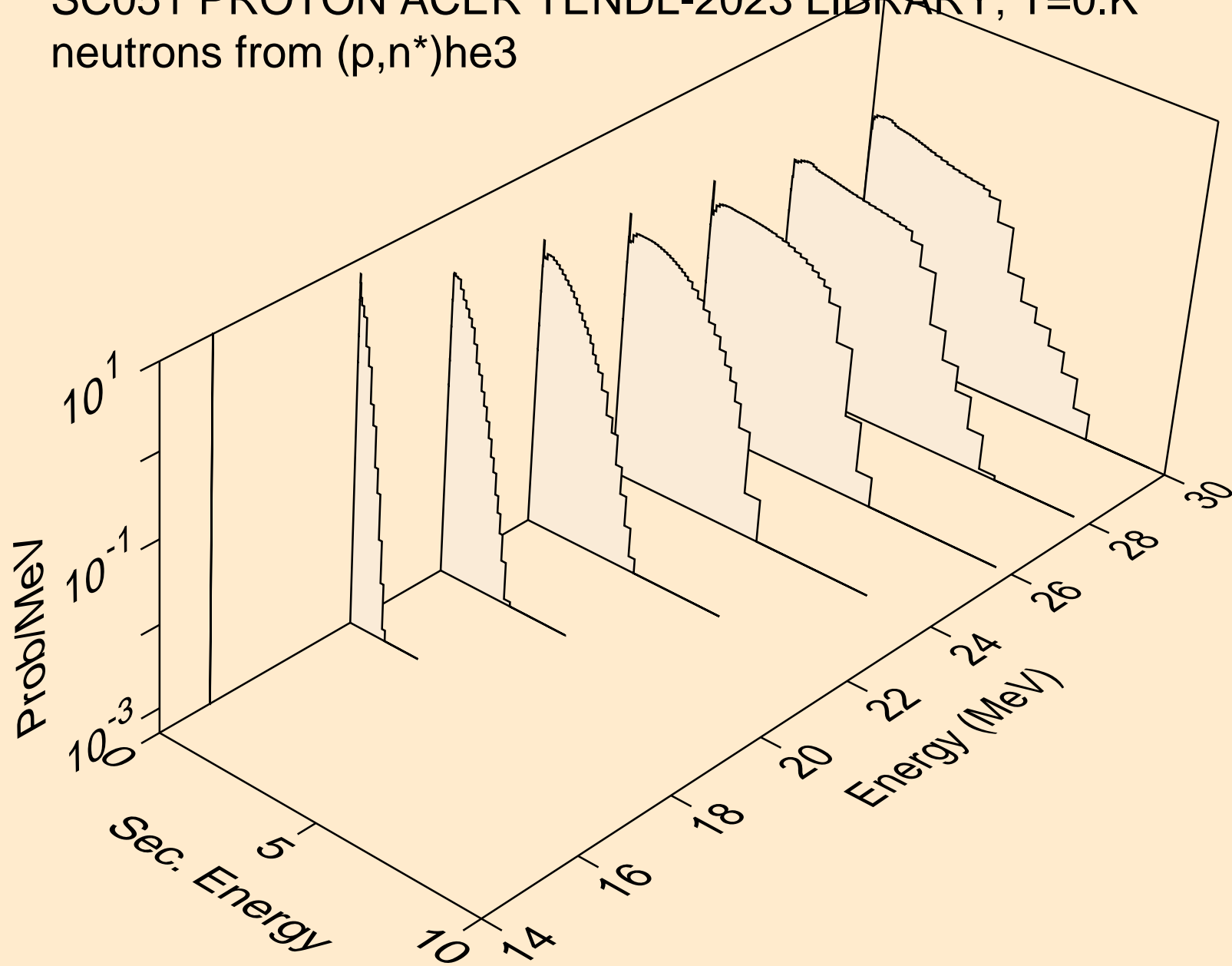




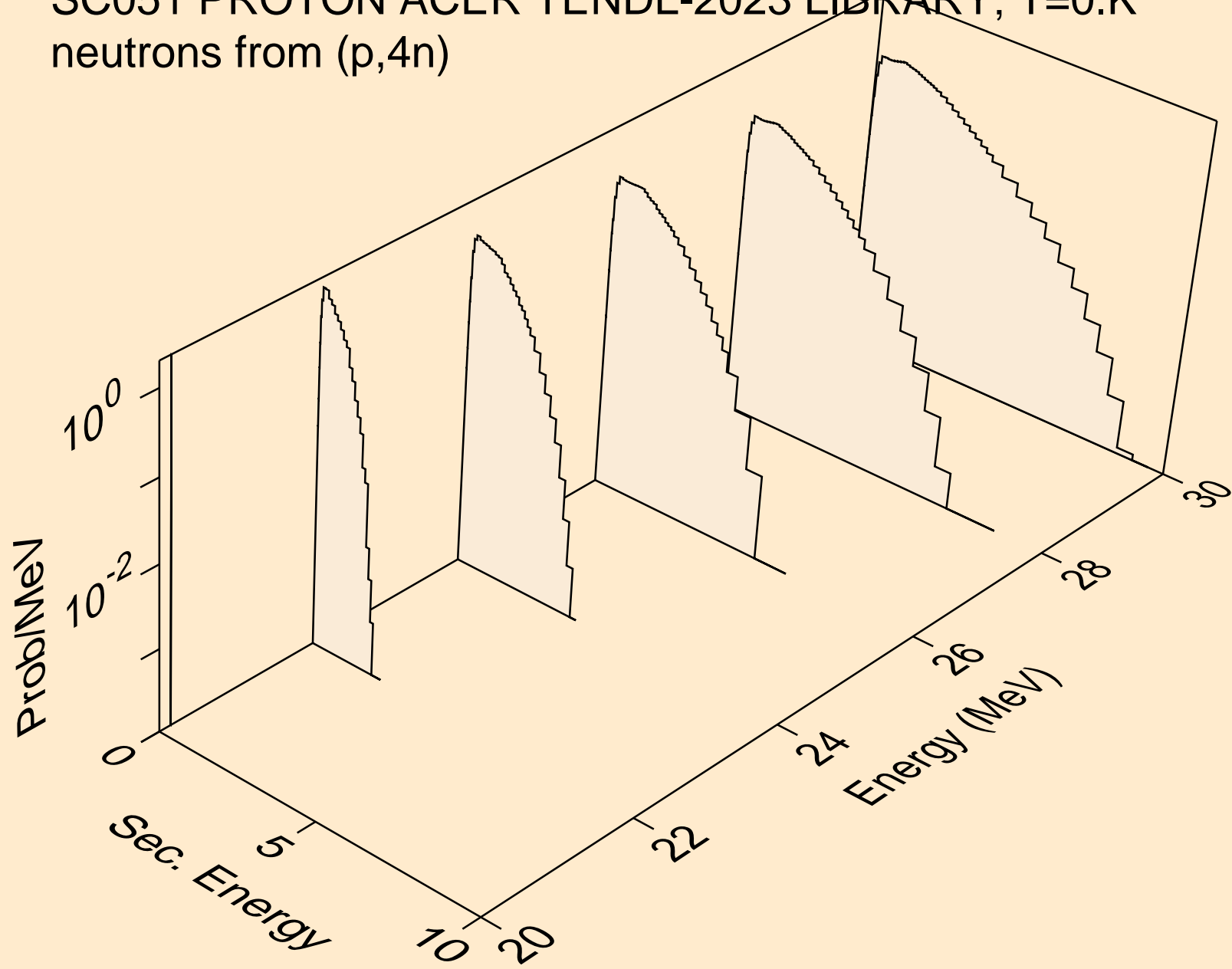
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neutrons from (p,n\*)t



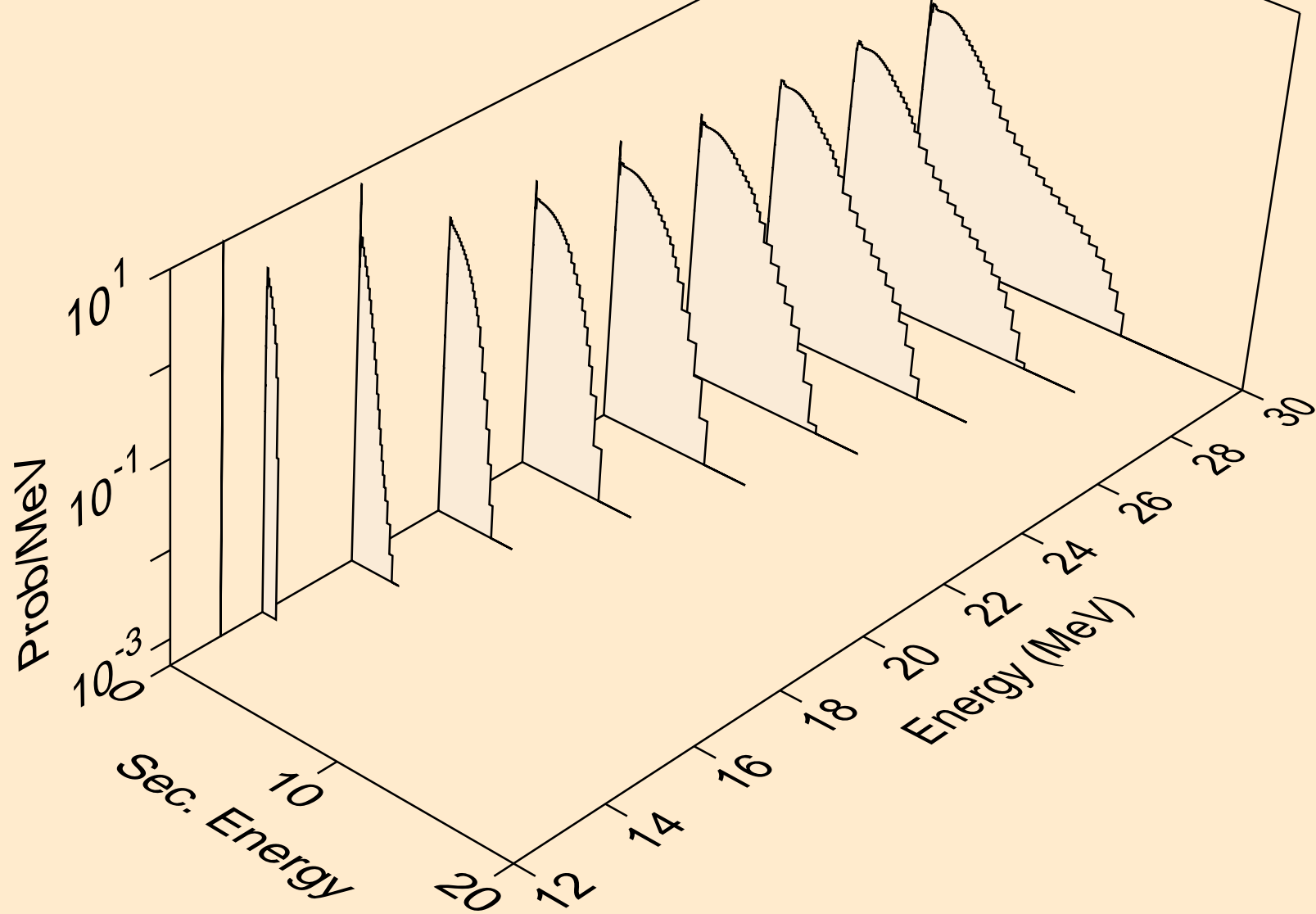
SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



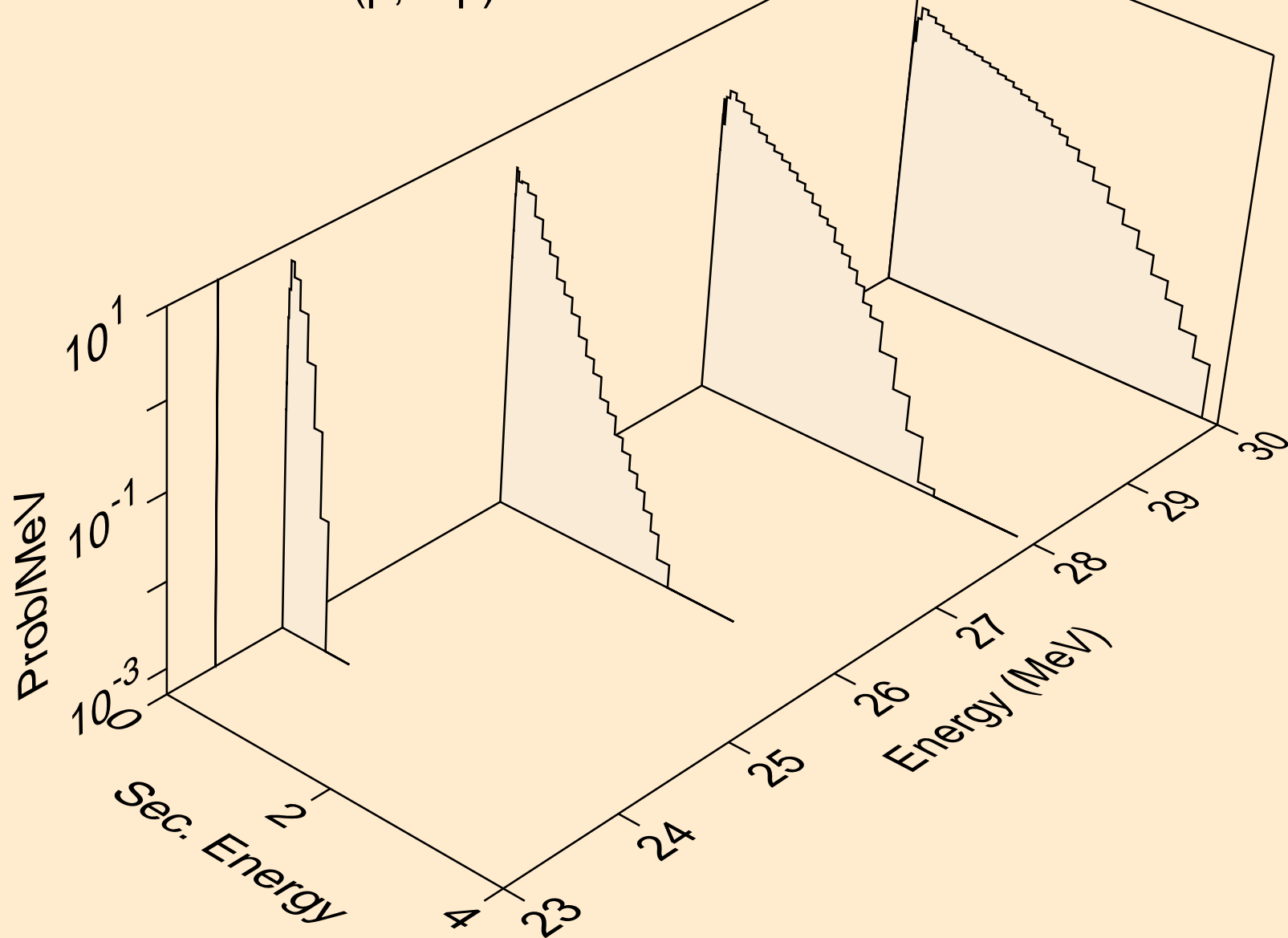
SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,4n)



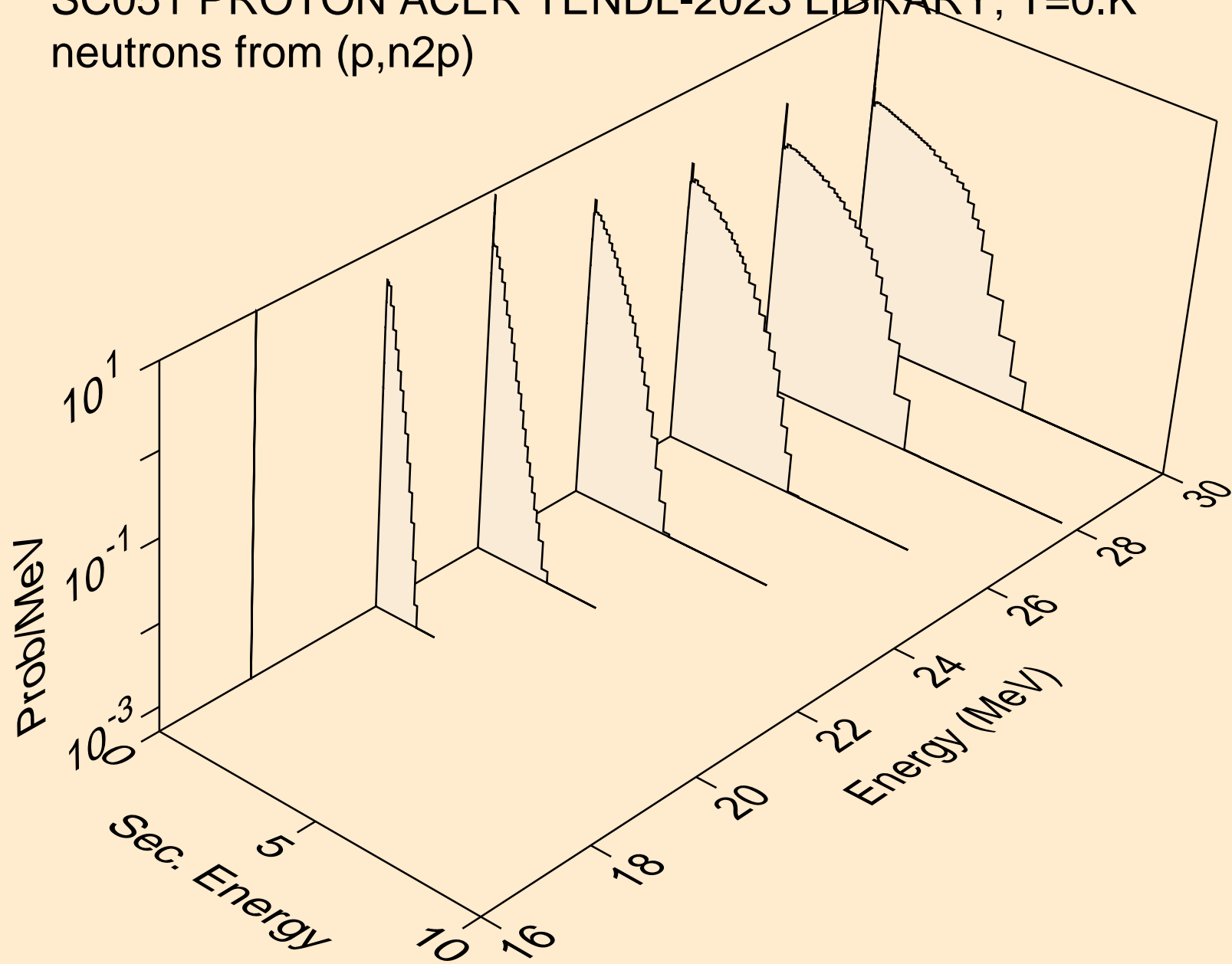
SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2np)



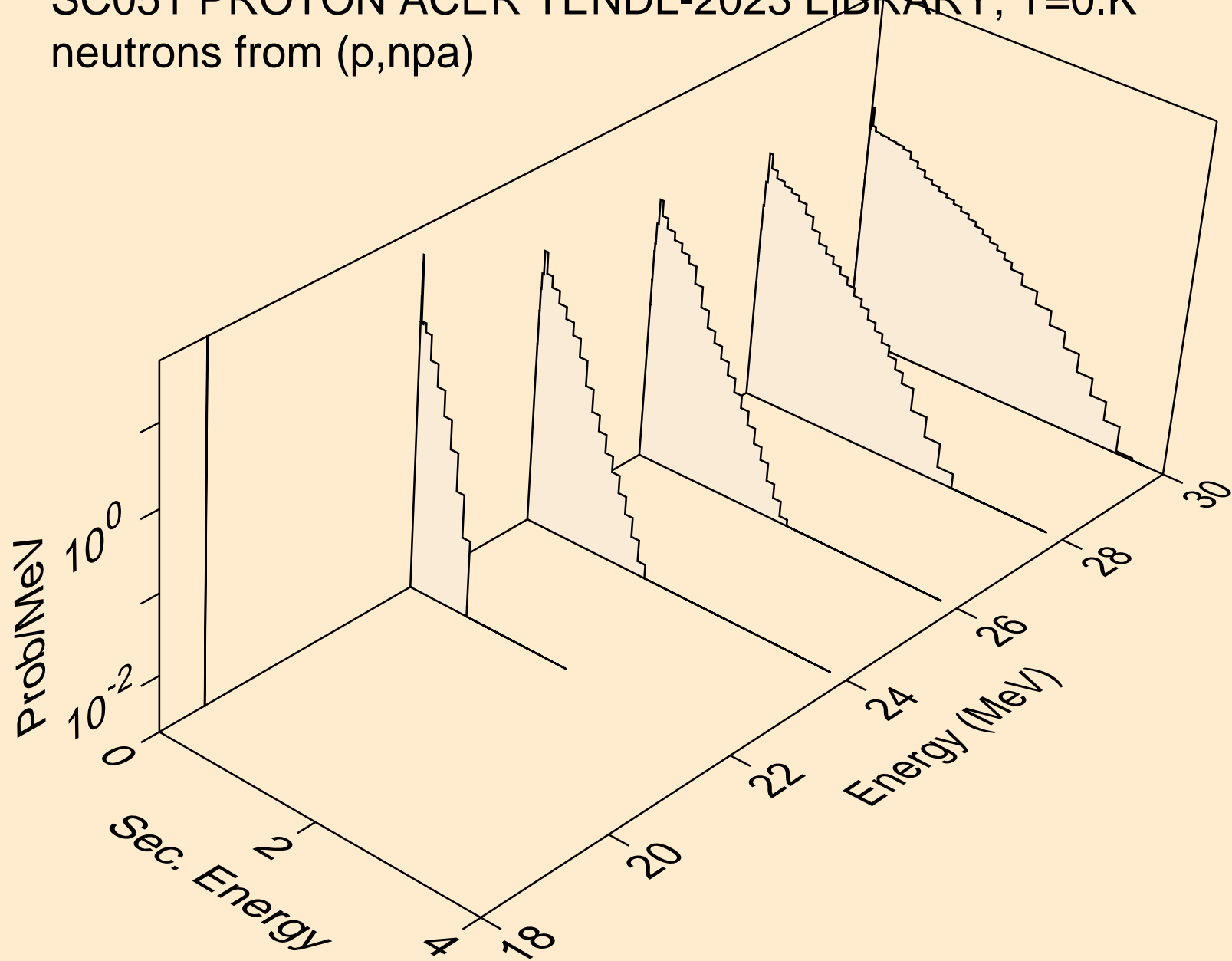
SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3np)



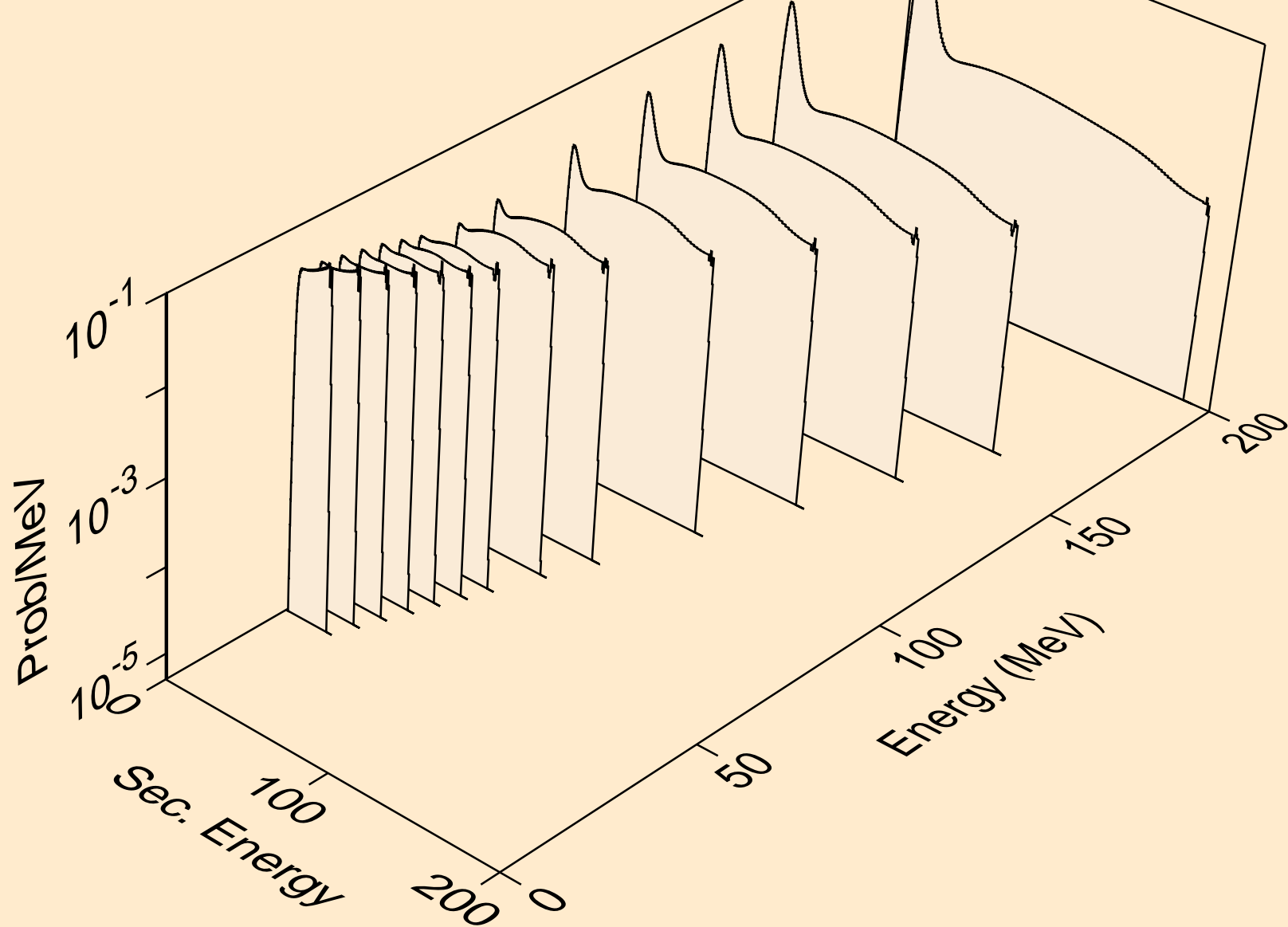
SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n2p)



SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,npa)

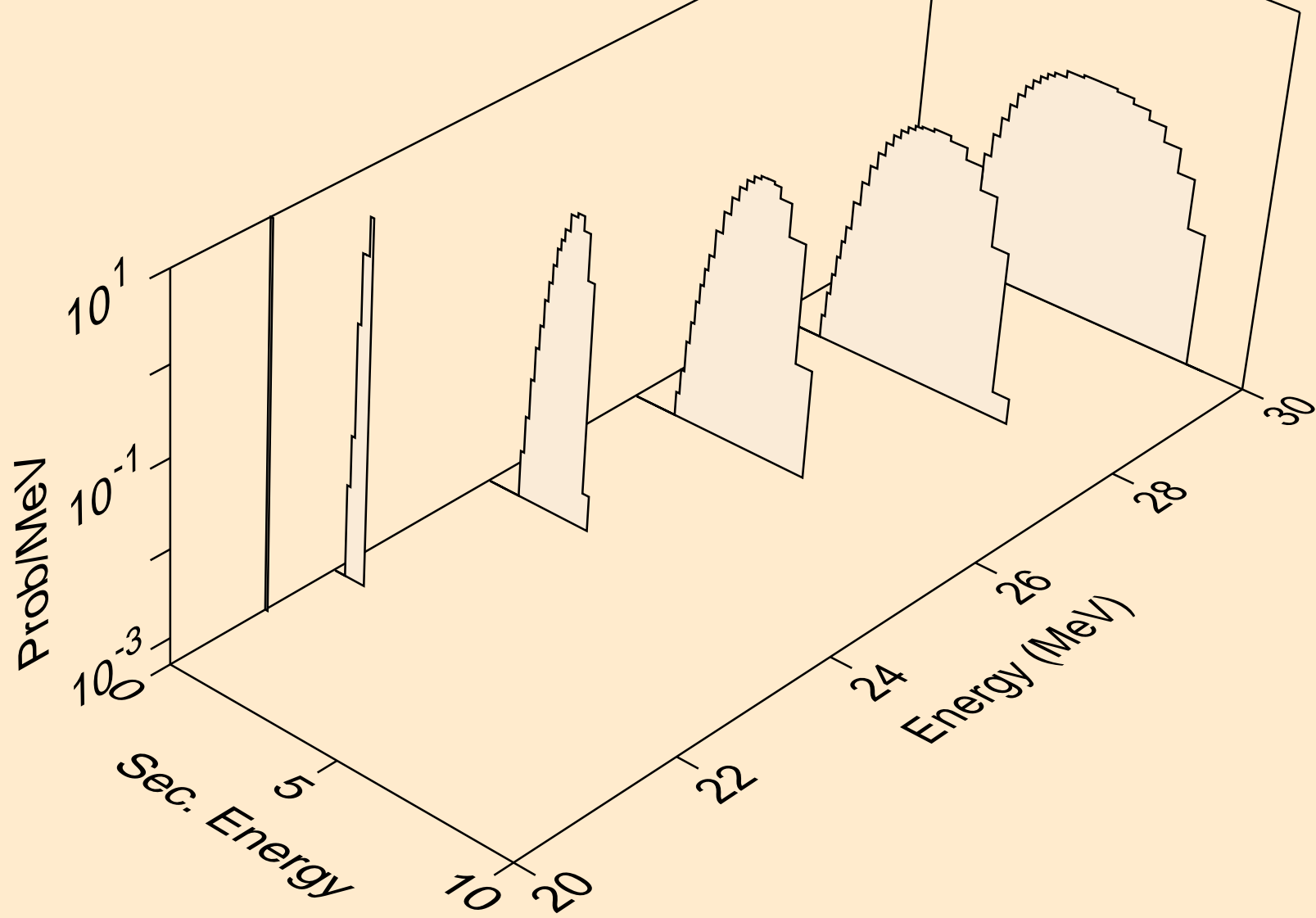


SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,x)

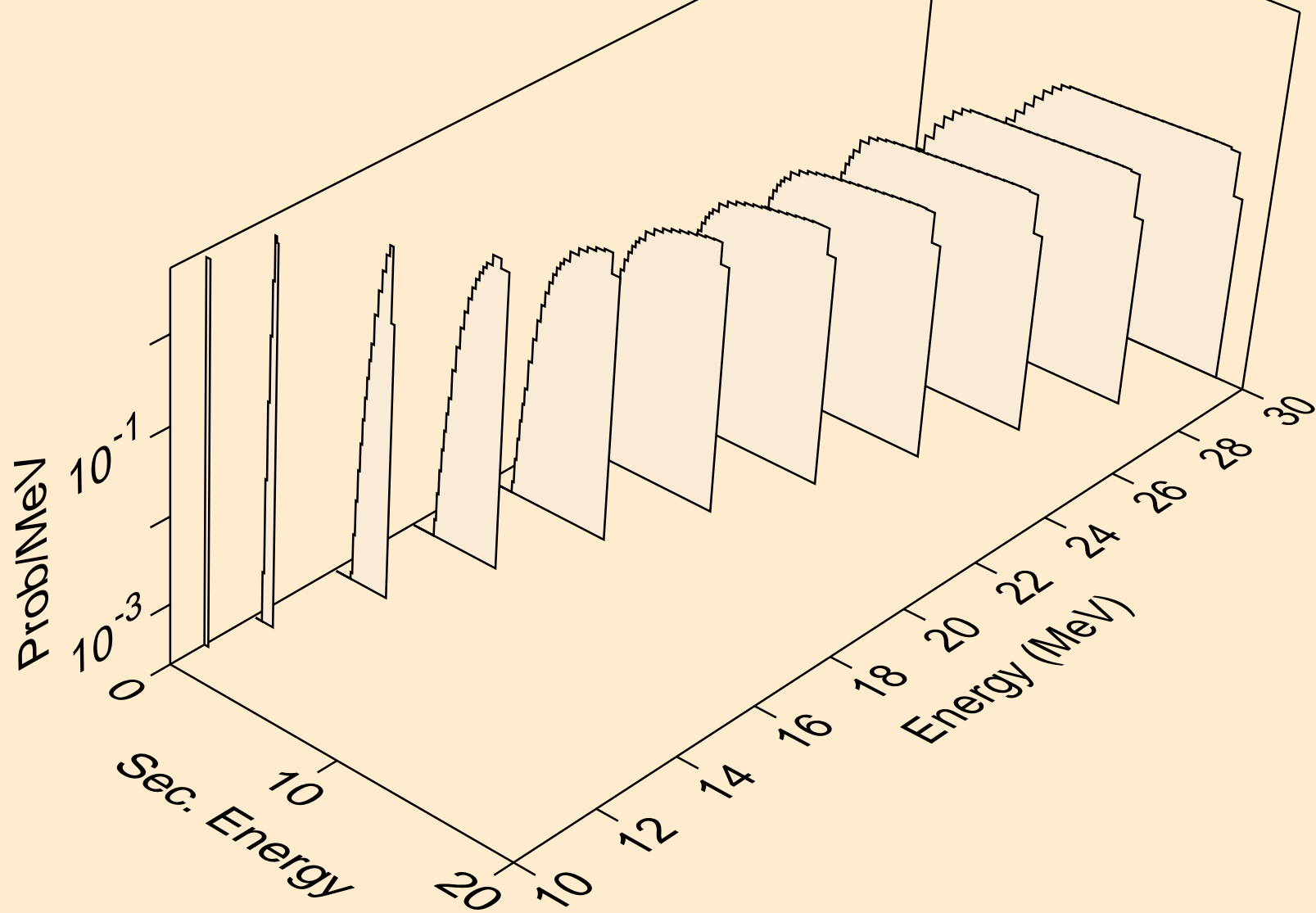




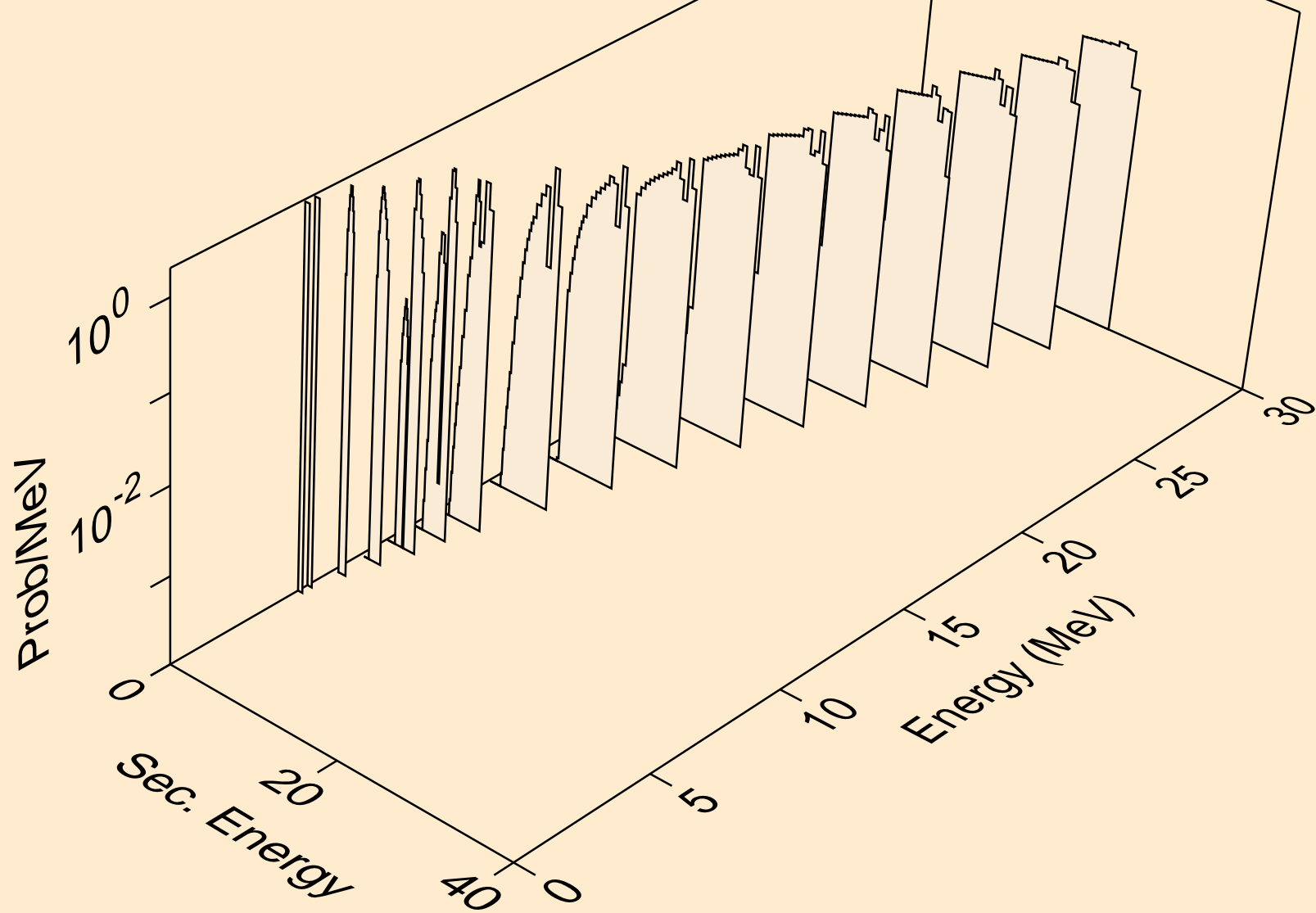
SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,2nd)



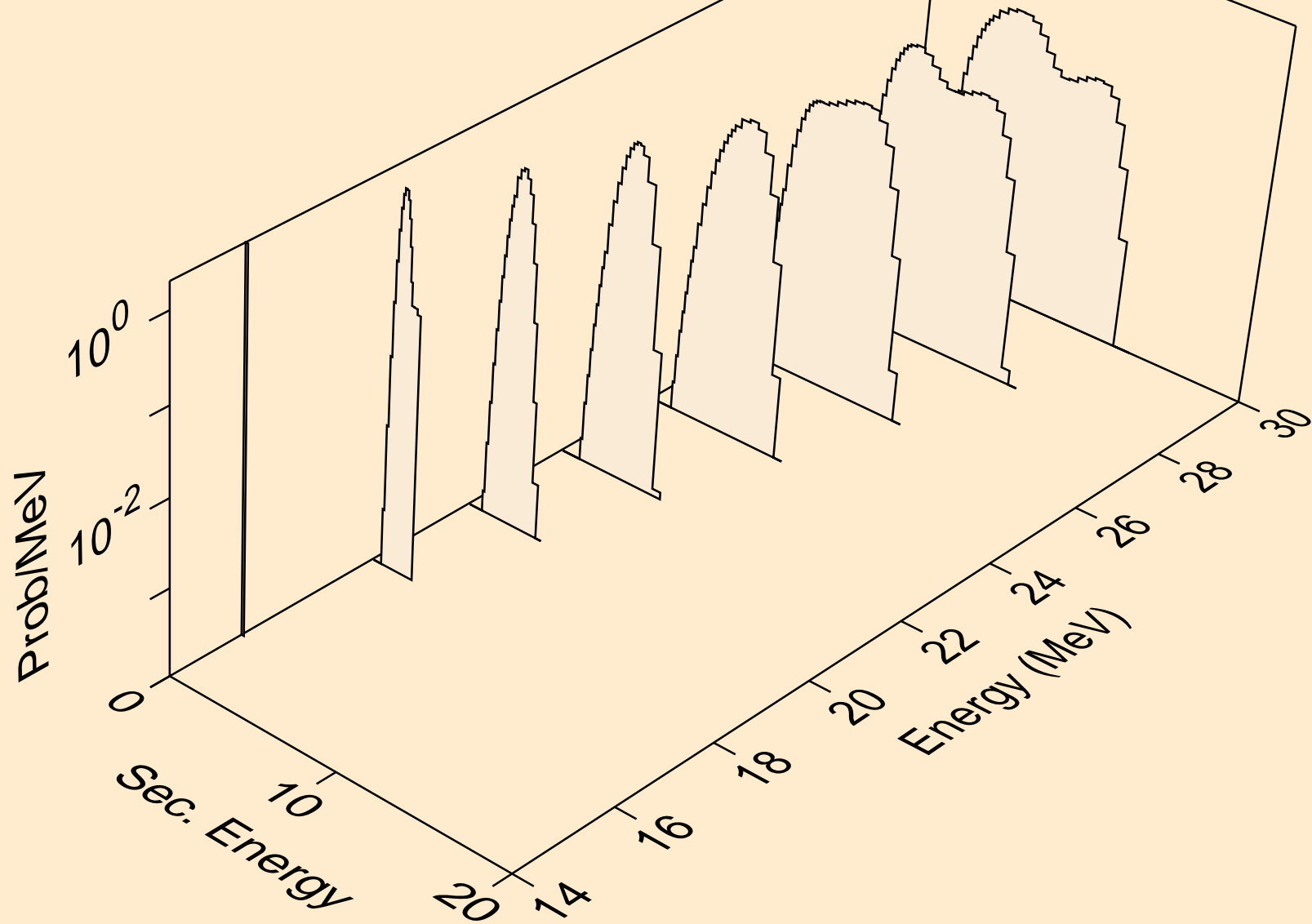
SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,n\*)d



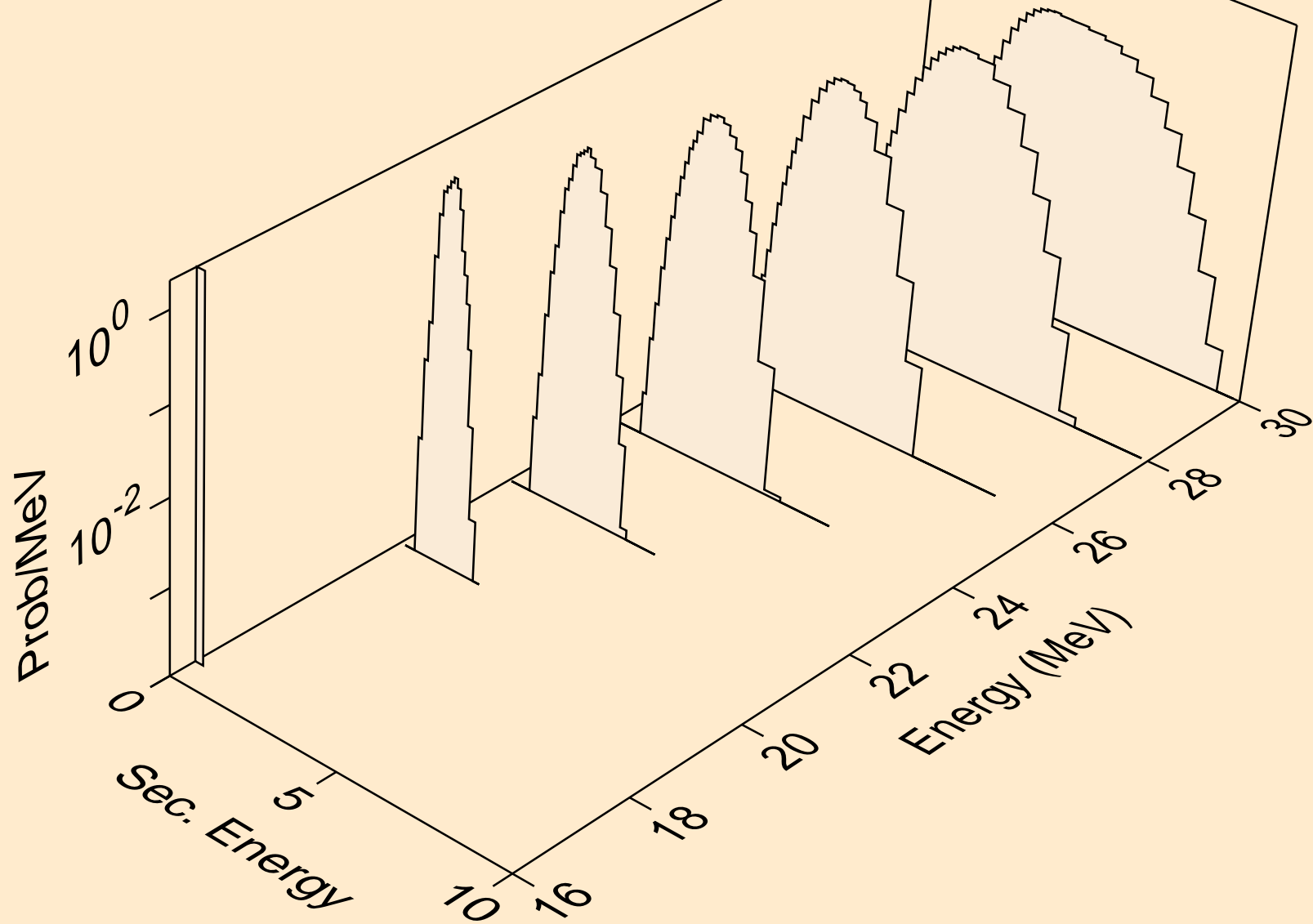
SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,d)



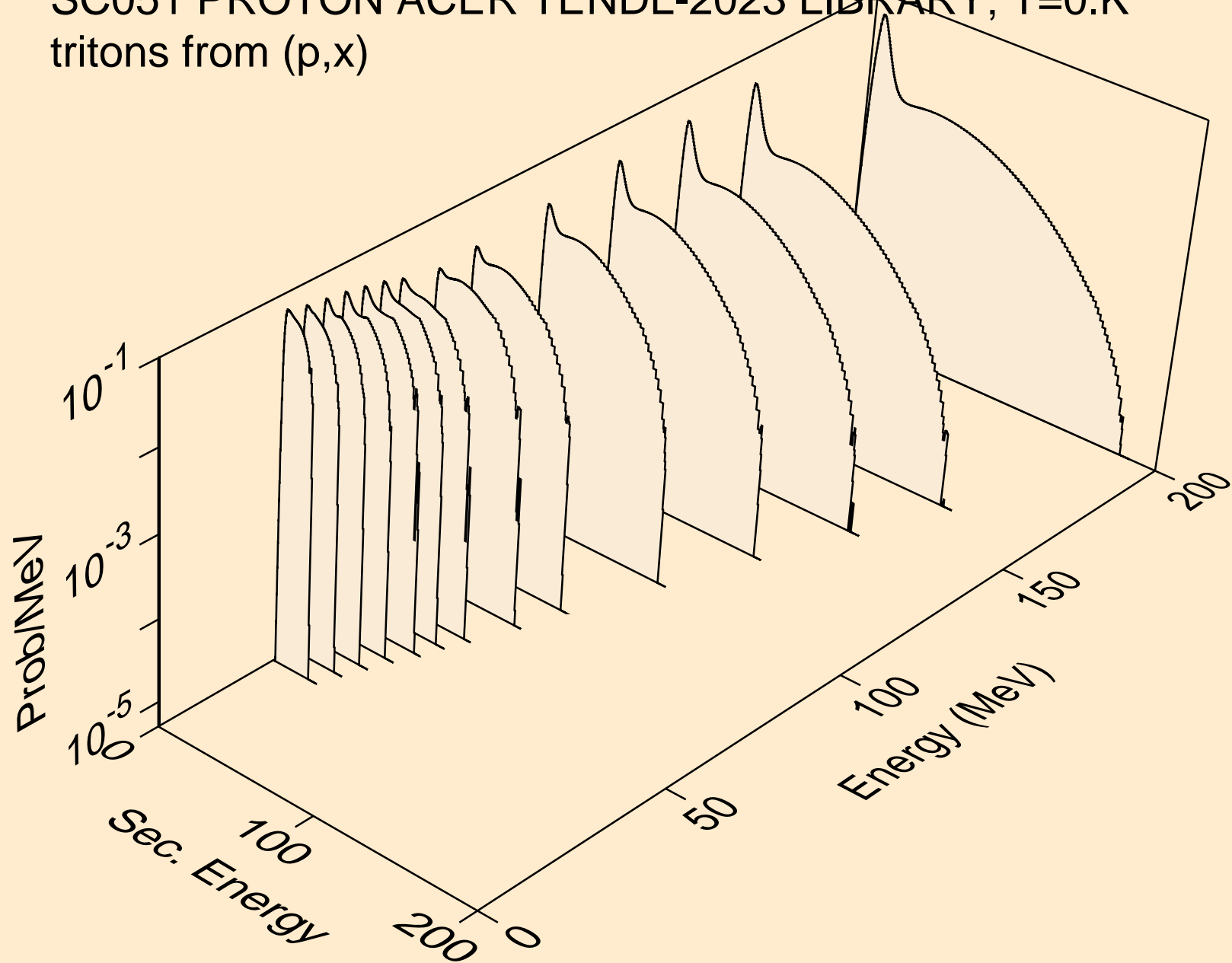
SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,pd)



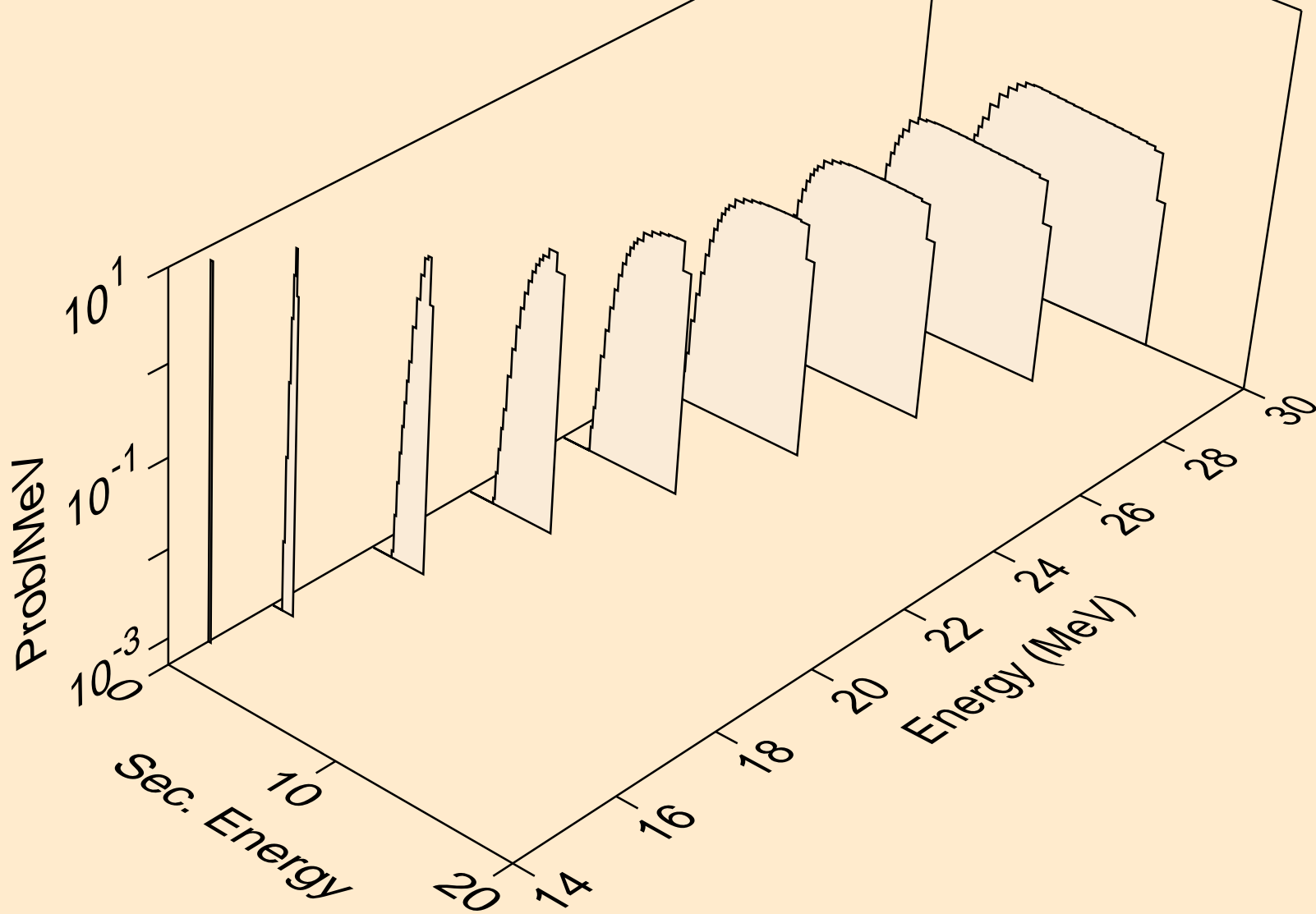
SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,da)



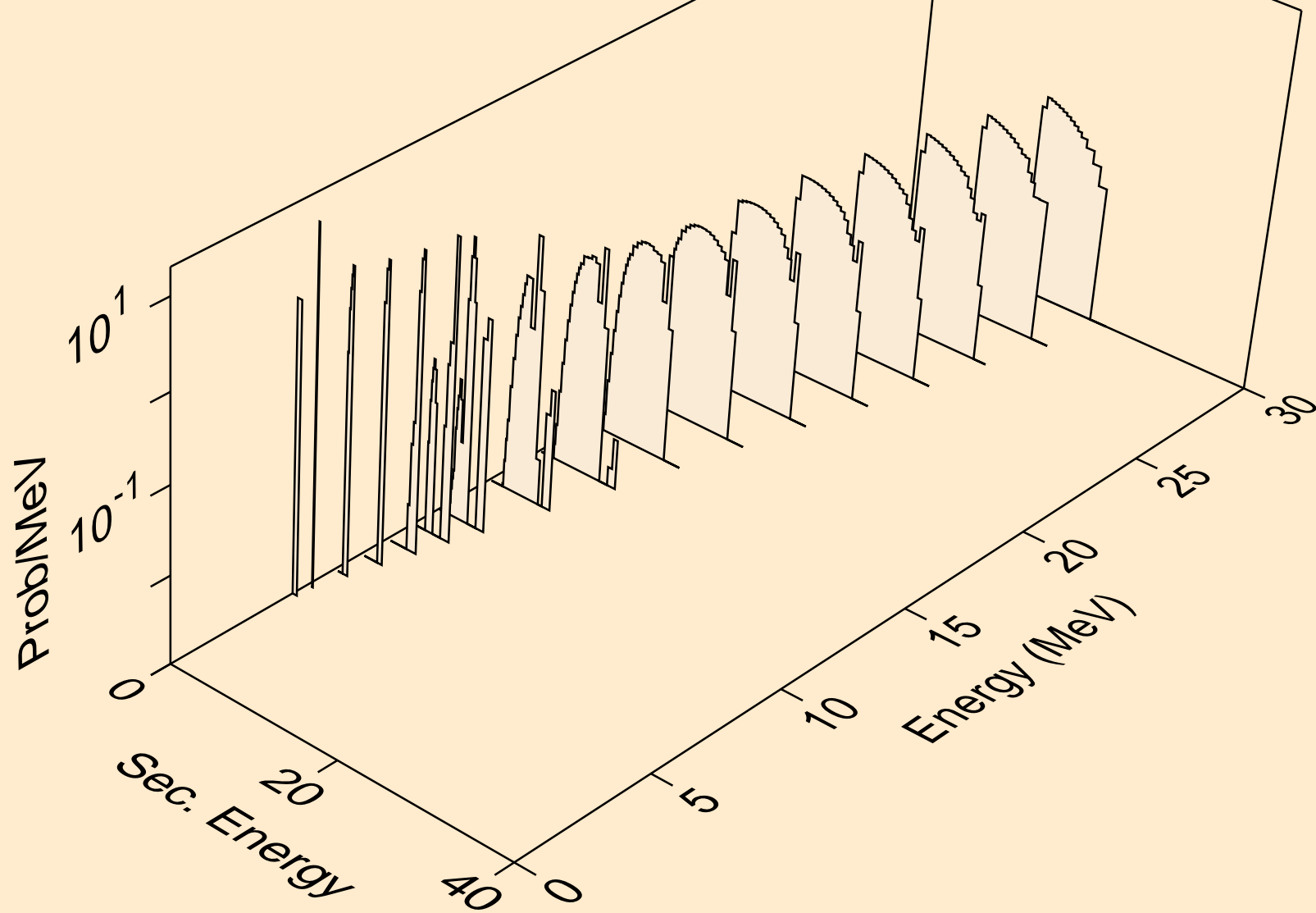
SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)



SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,n\*)t

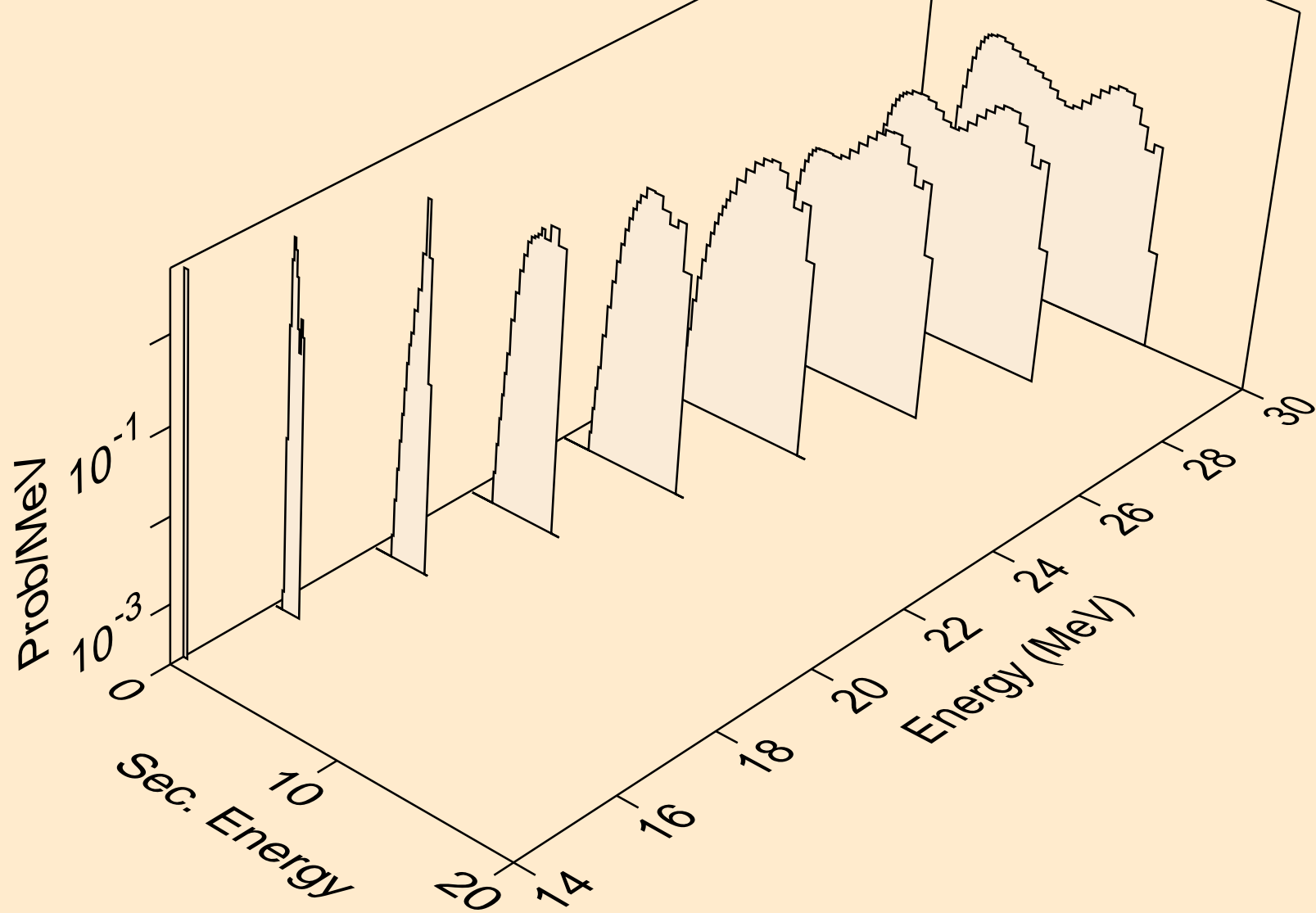


SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,t)

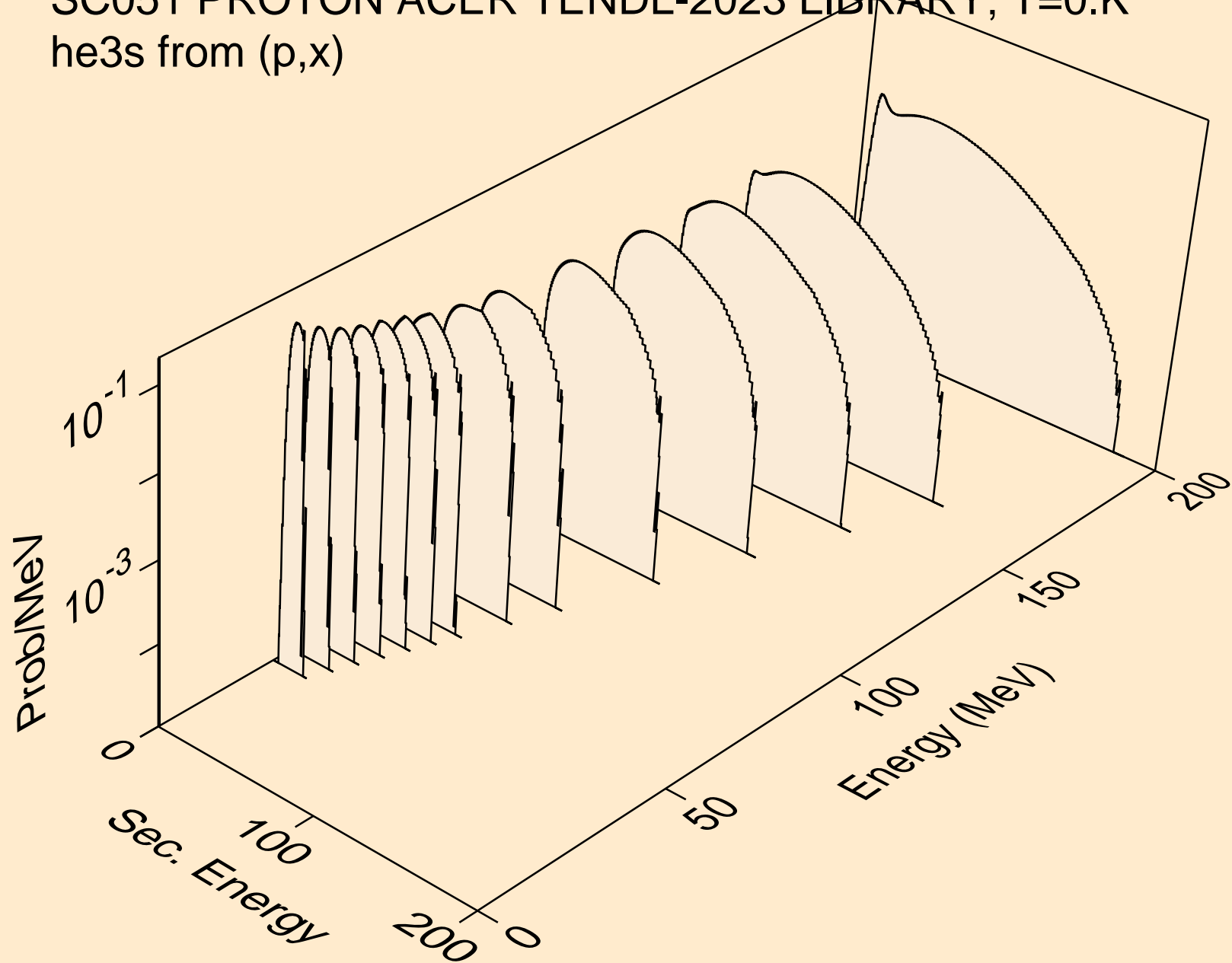




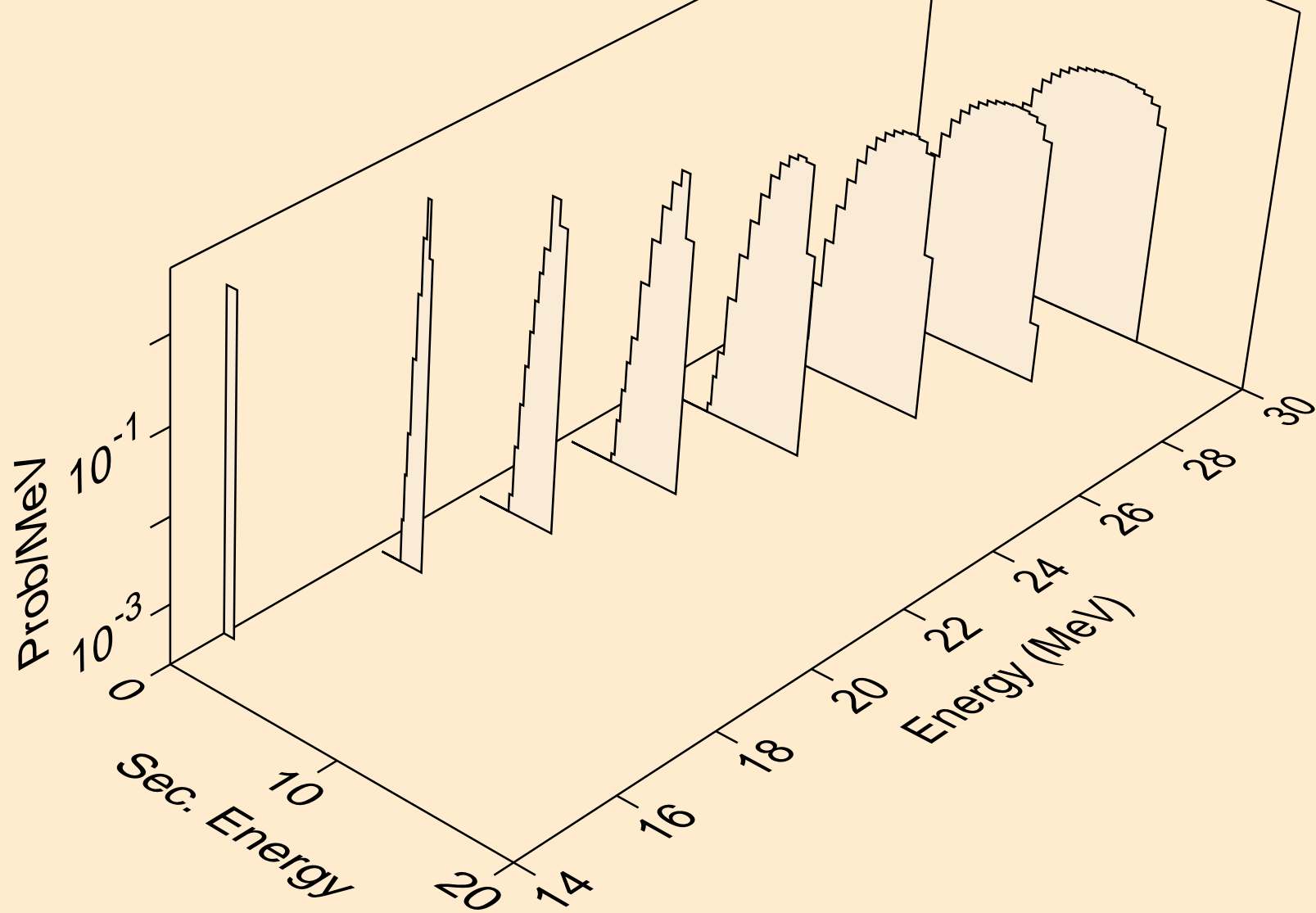
SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,pt)



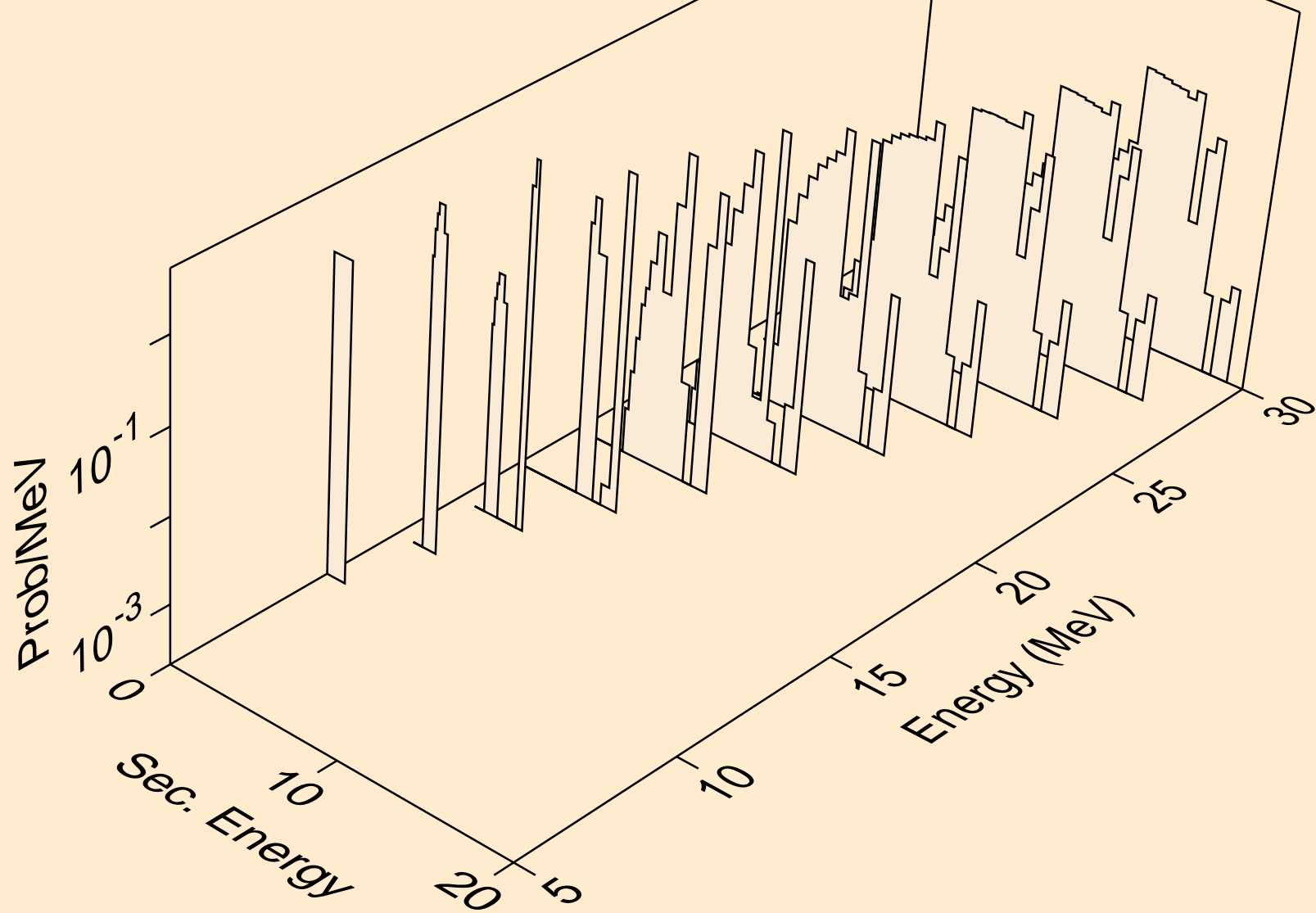
SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)



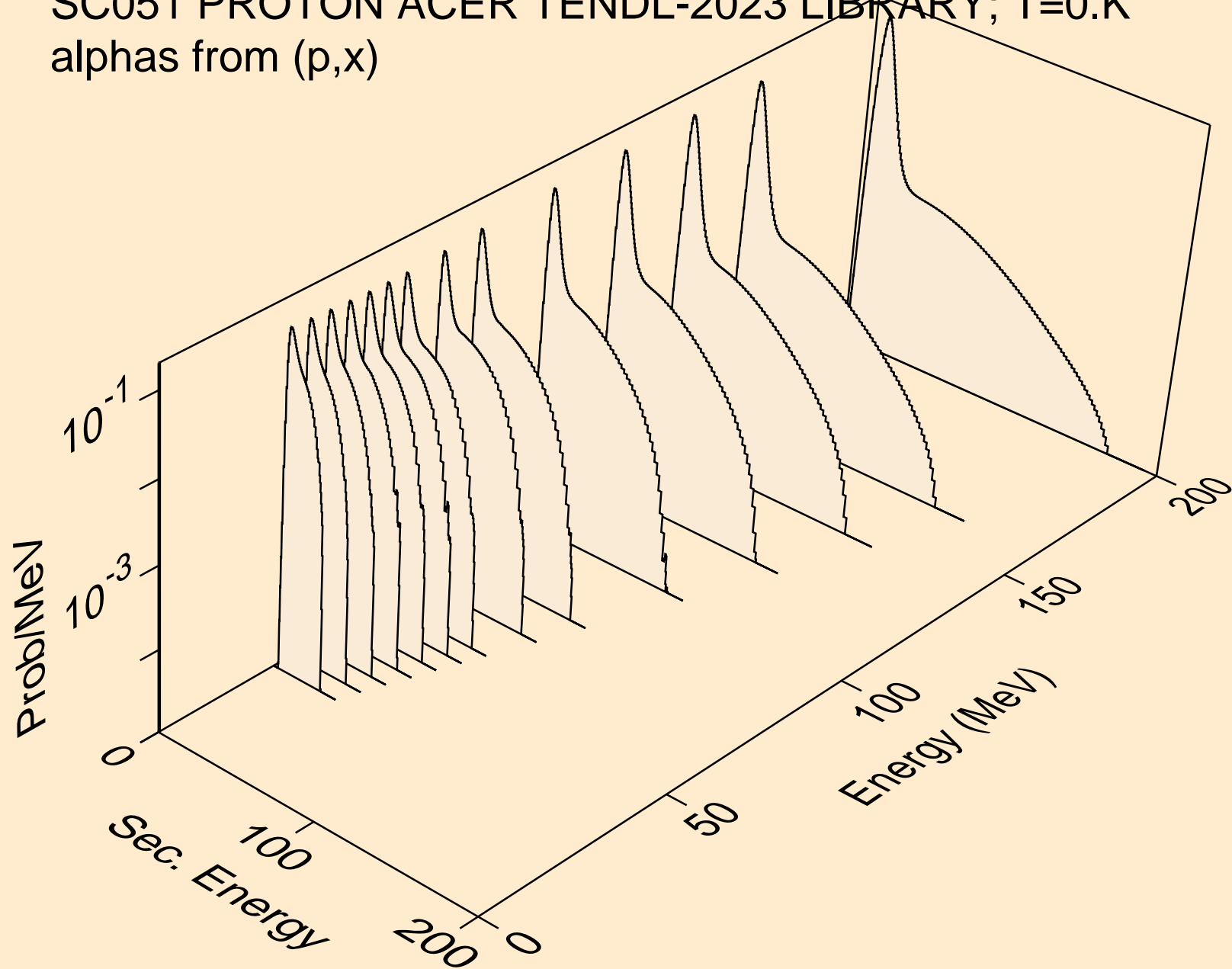
SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3



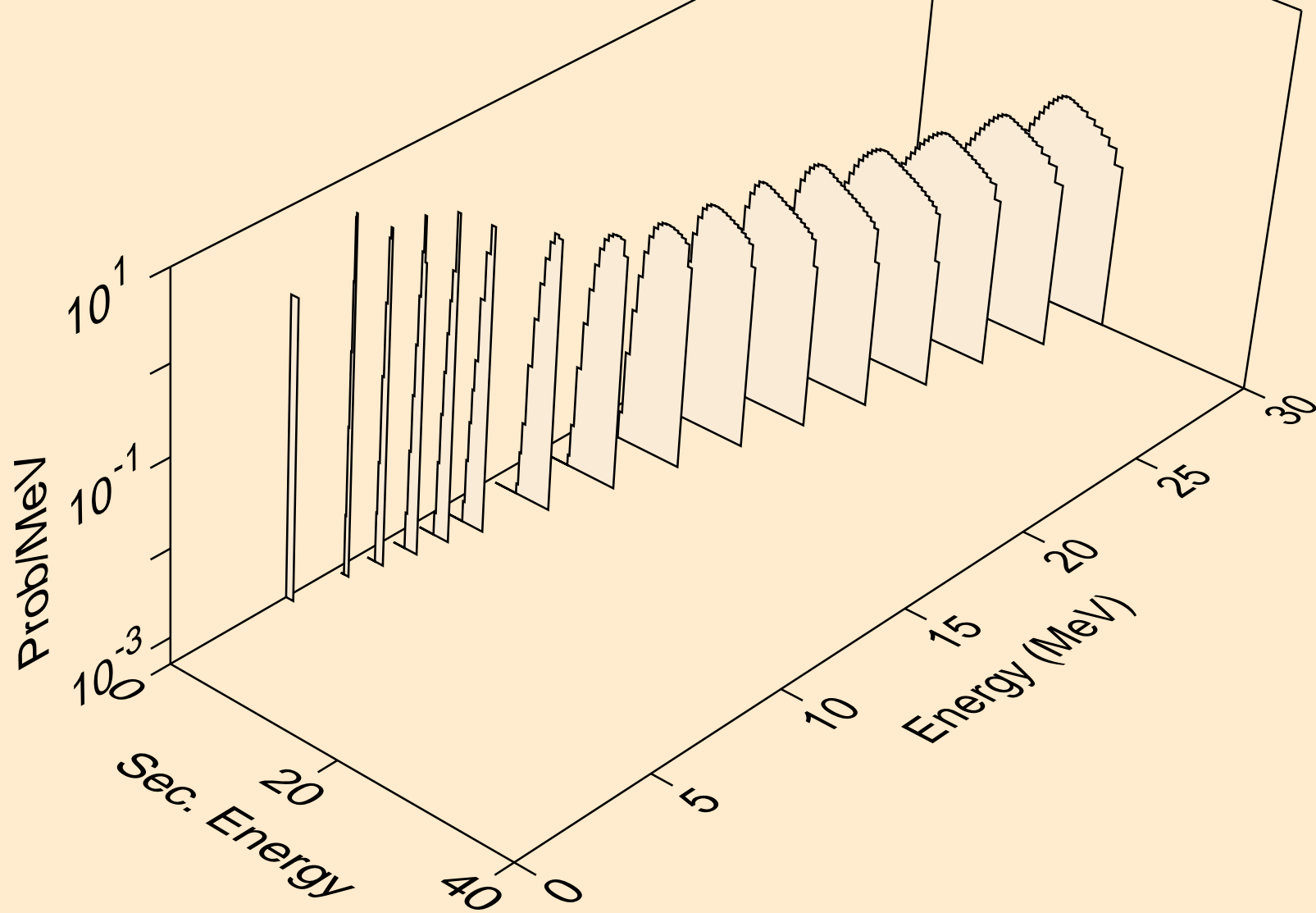
SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,he3)



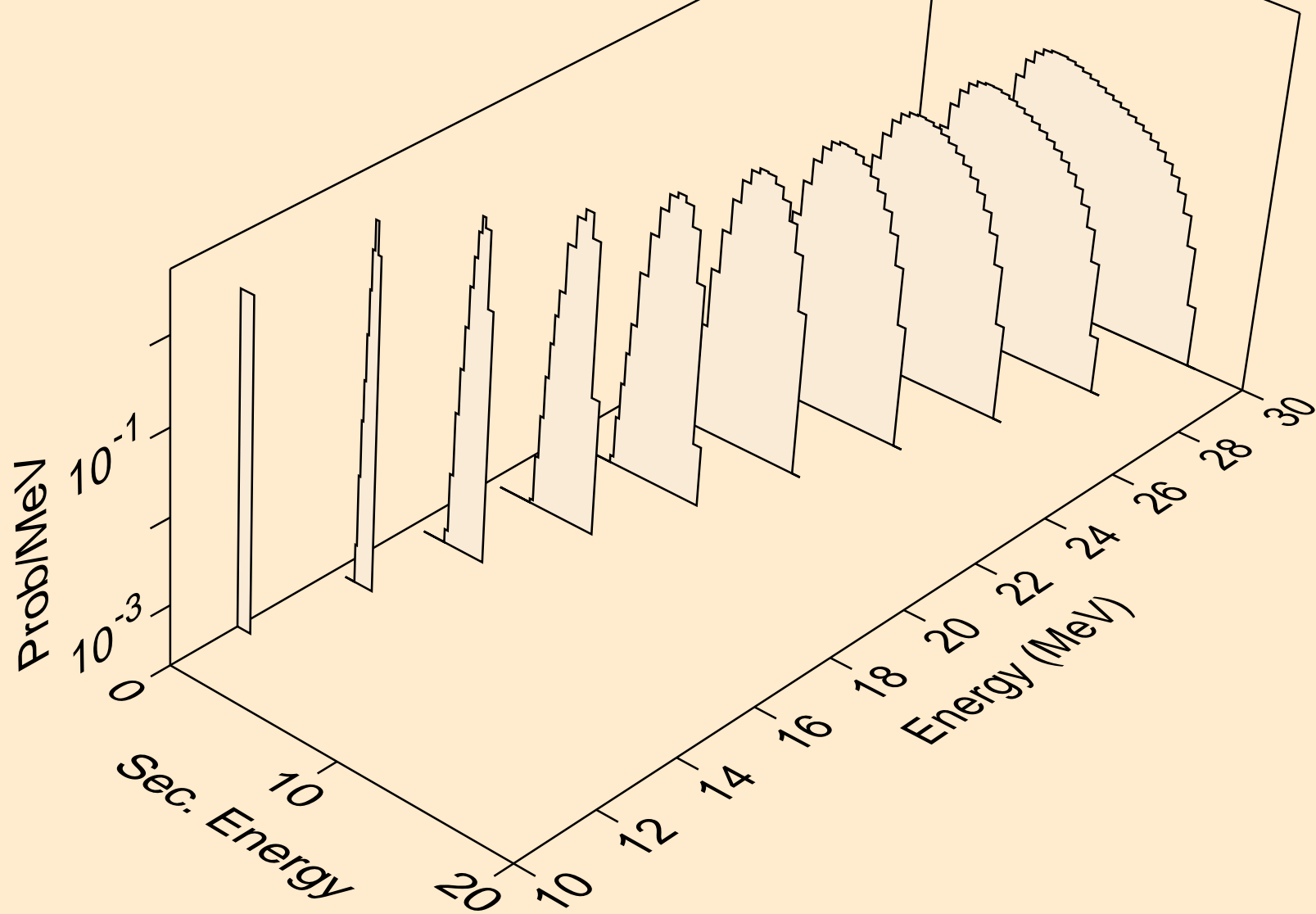
SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



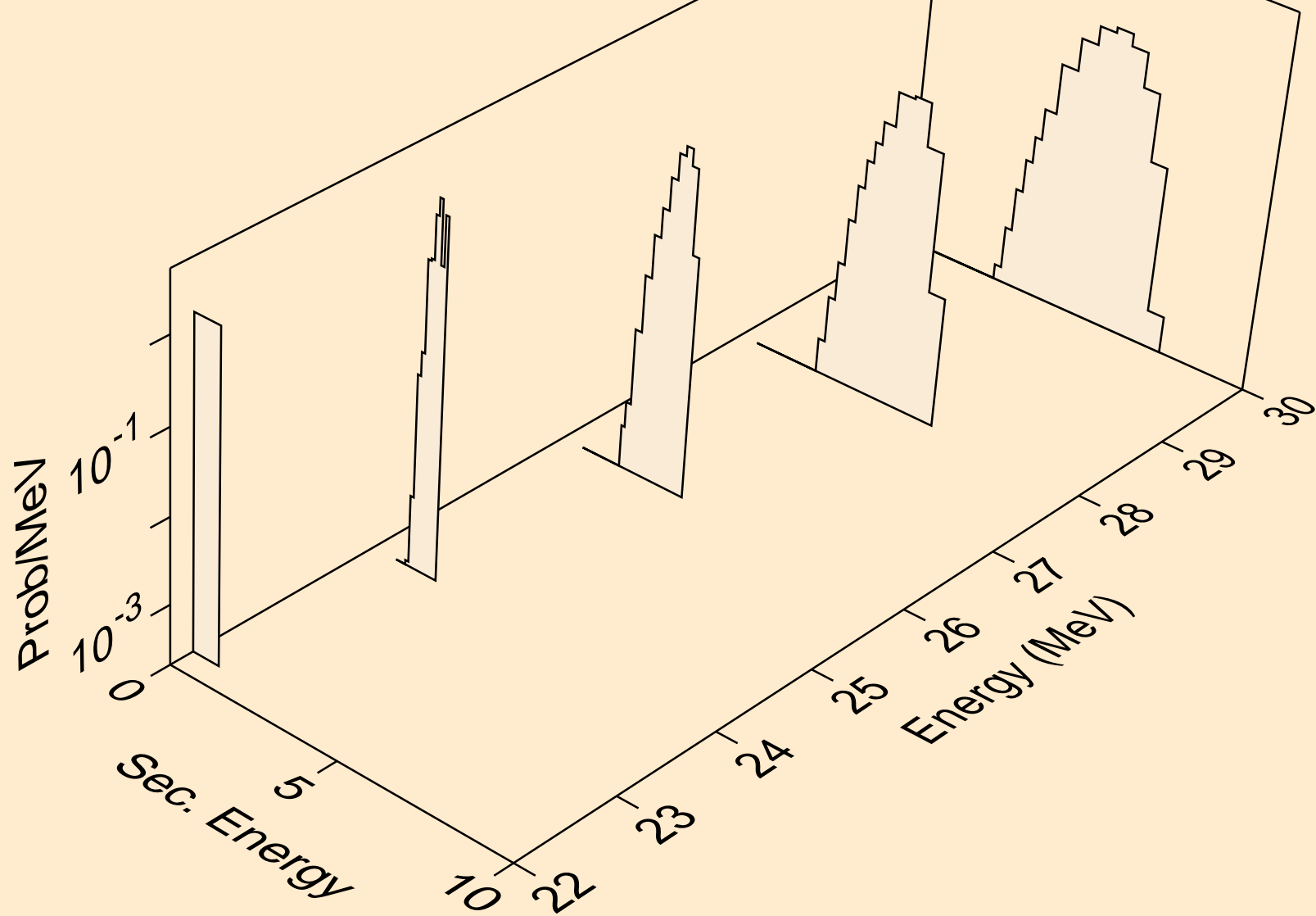
SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a



SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a

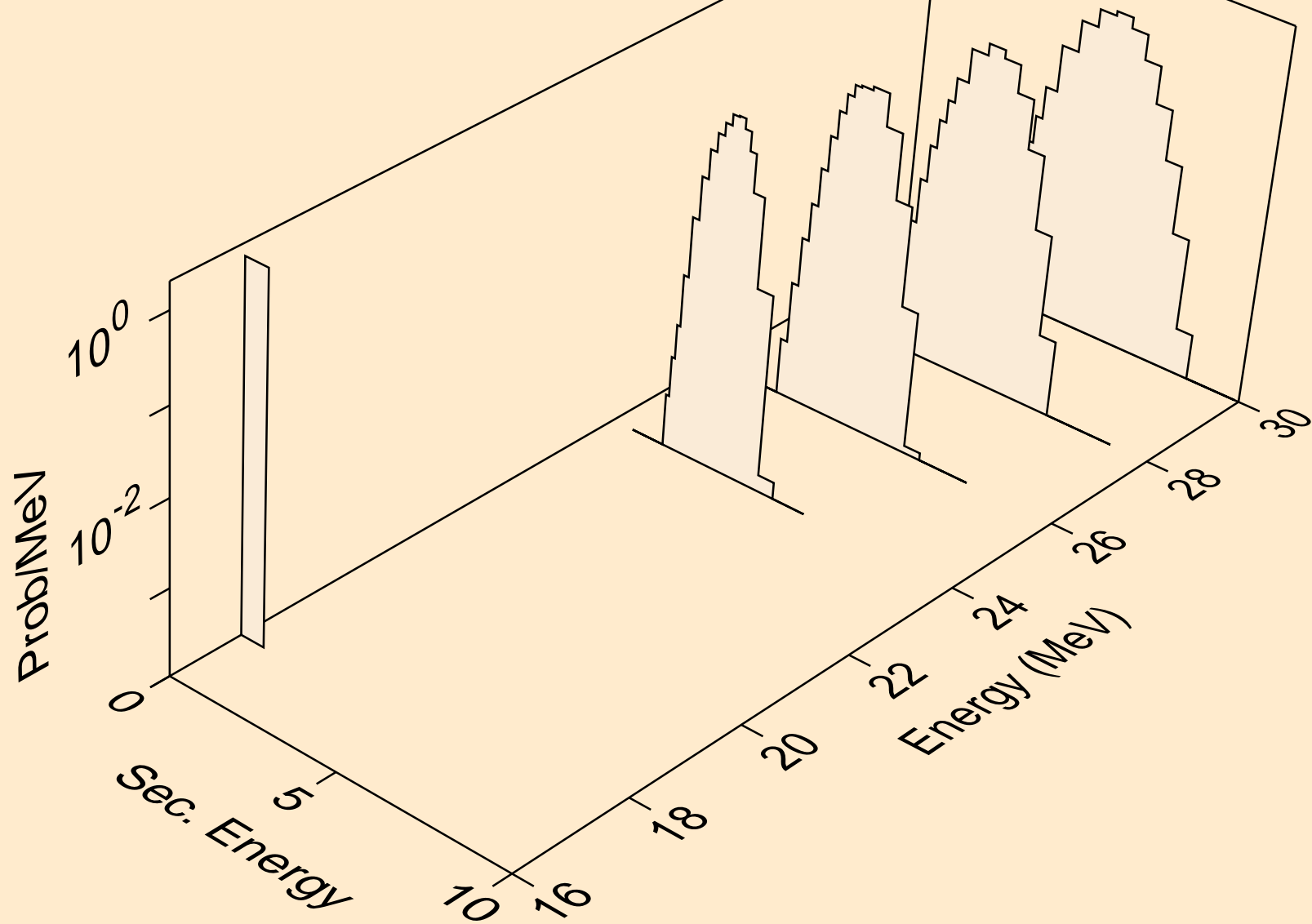


SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,3n)a

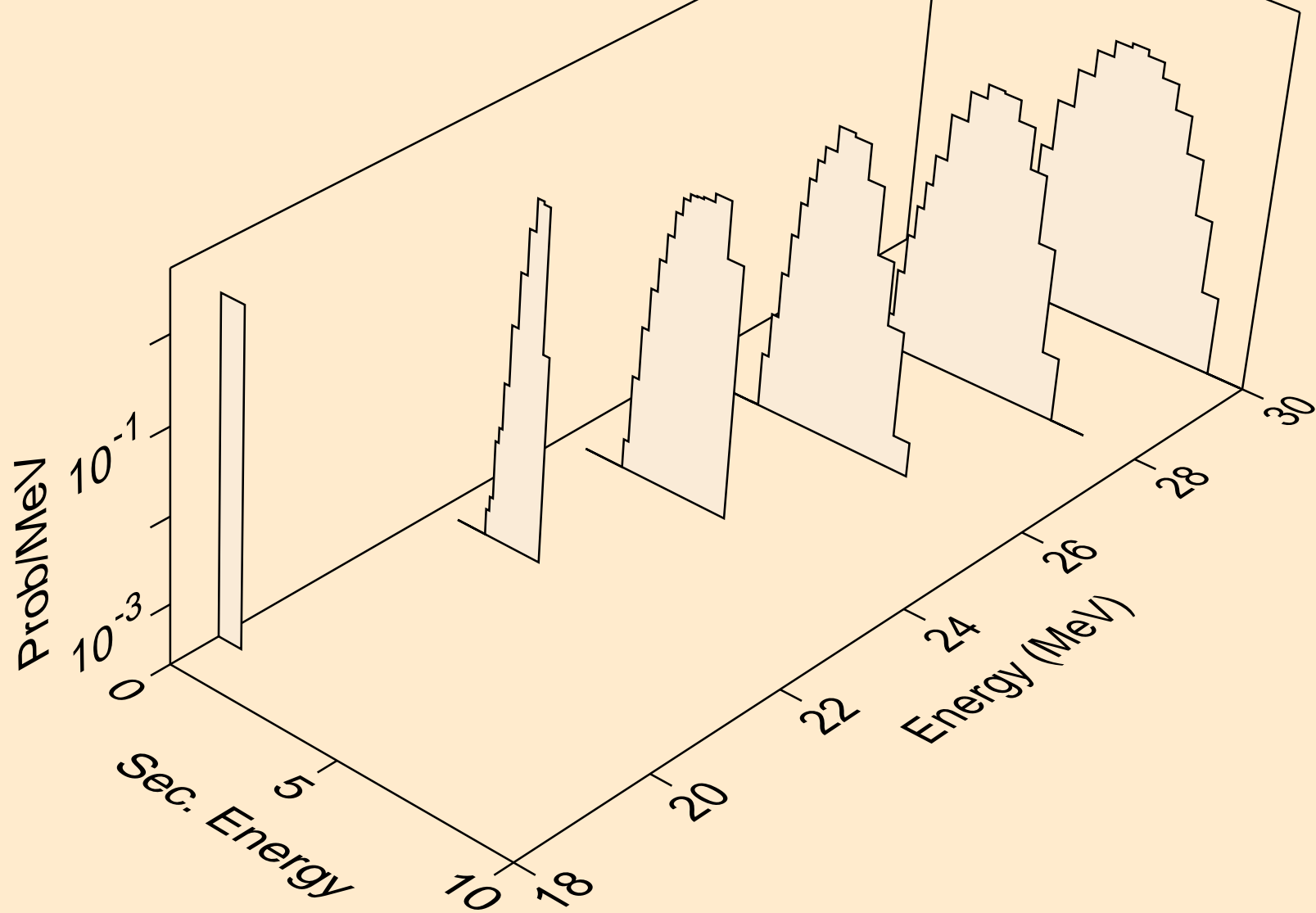




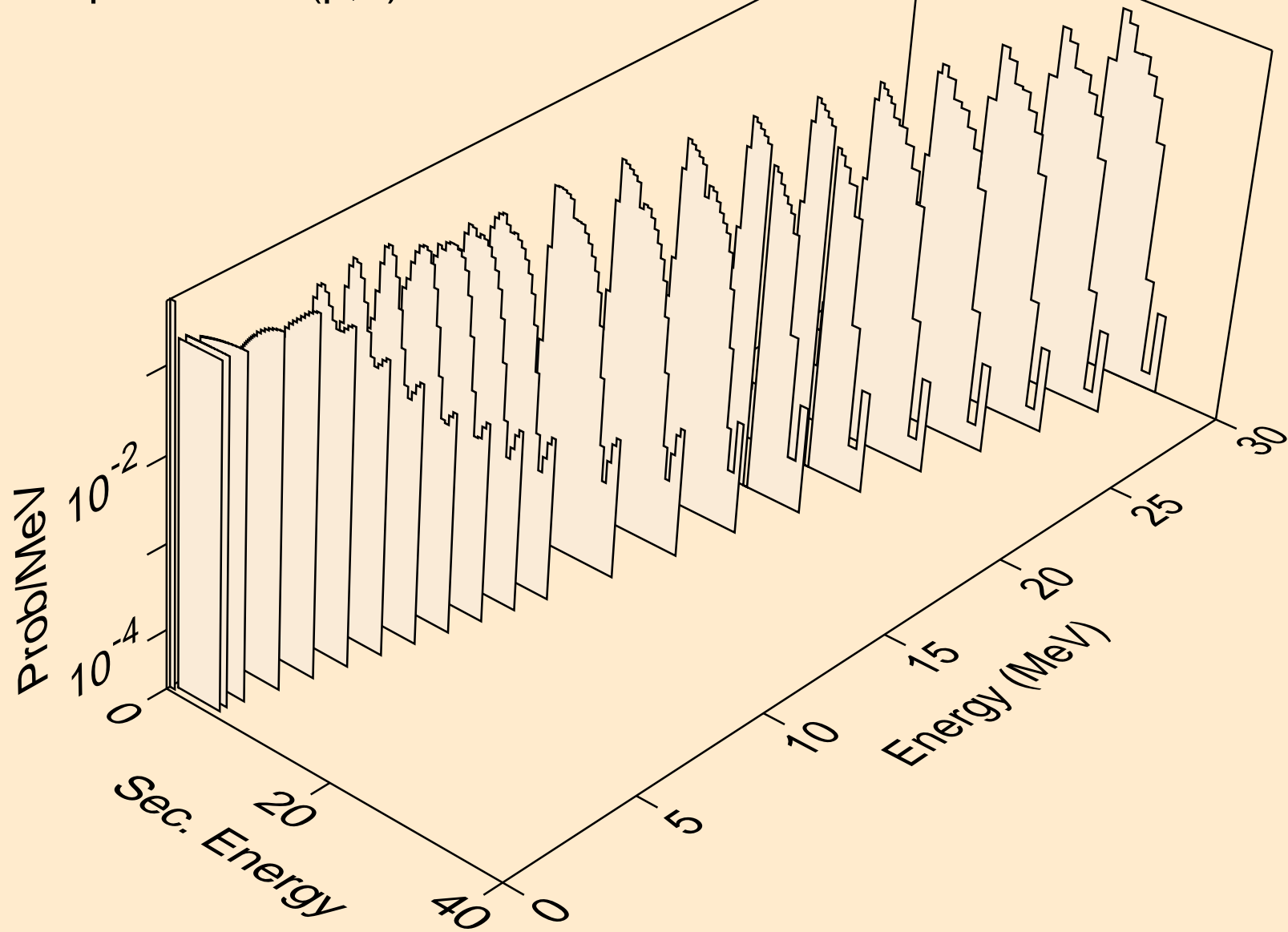
SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)2a



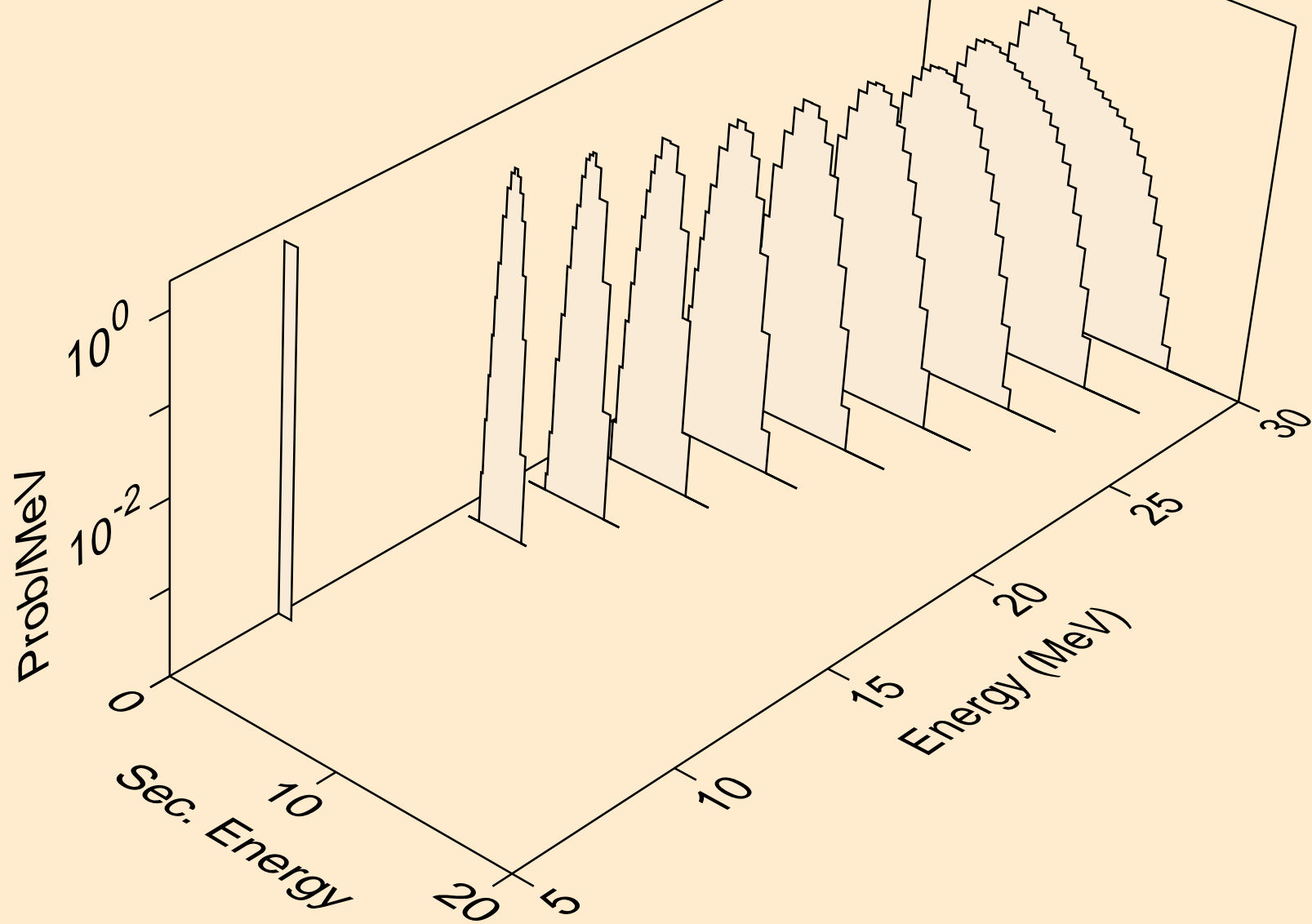
SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,npa)



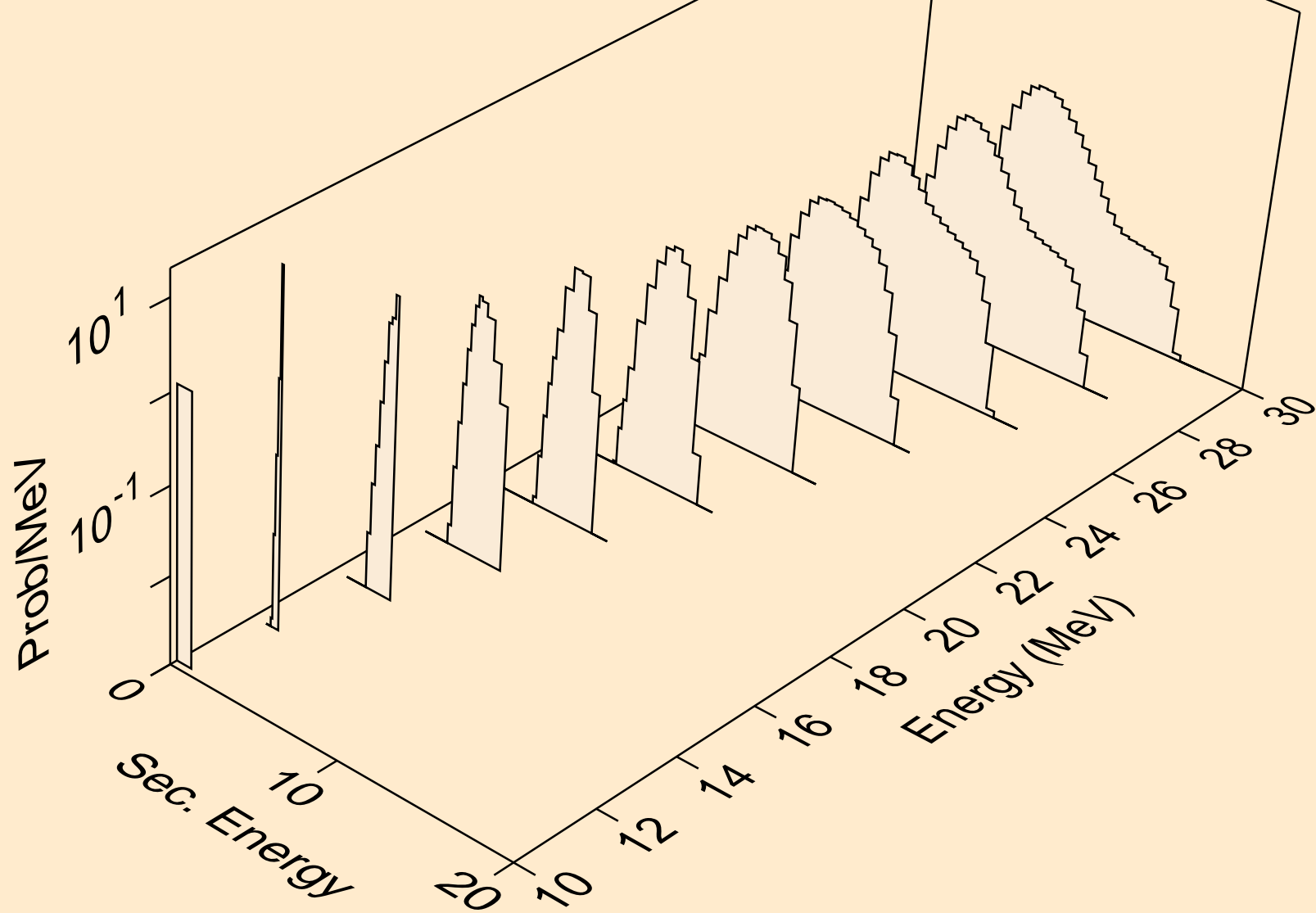
SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)



SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2a)



SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,pa)



SC051 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,da)

