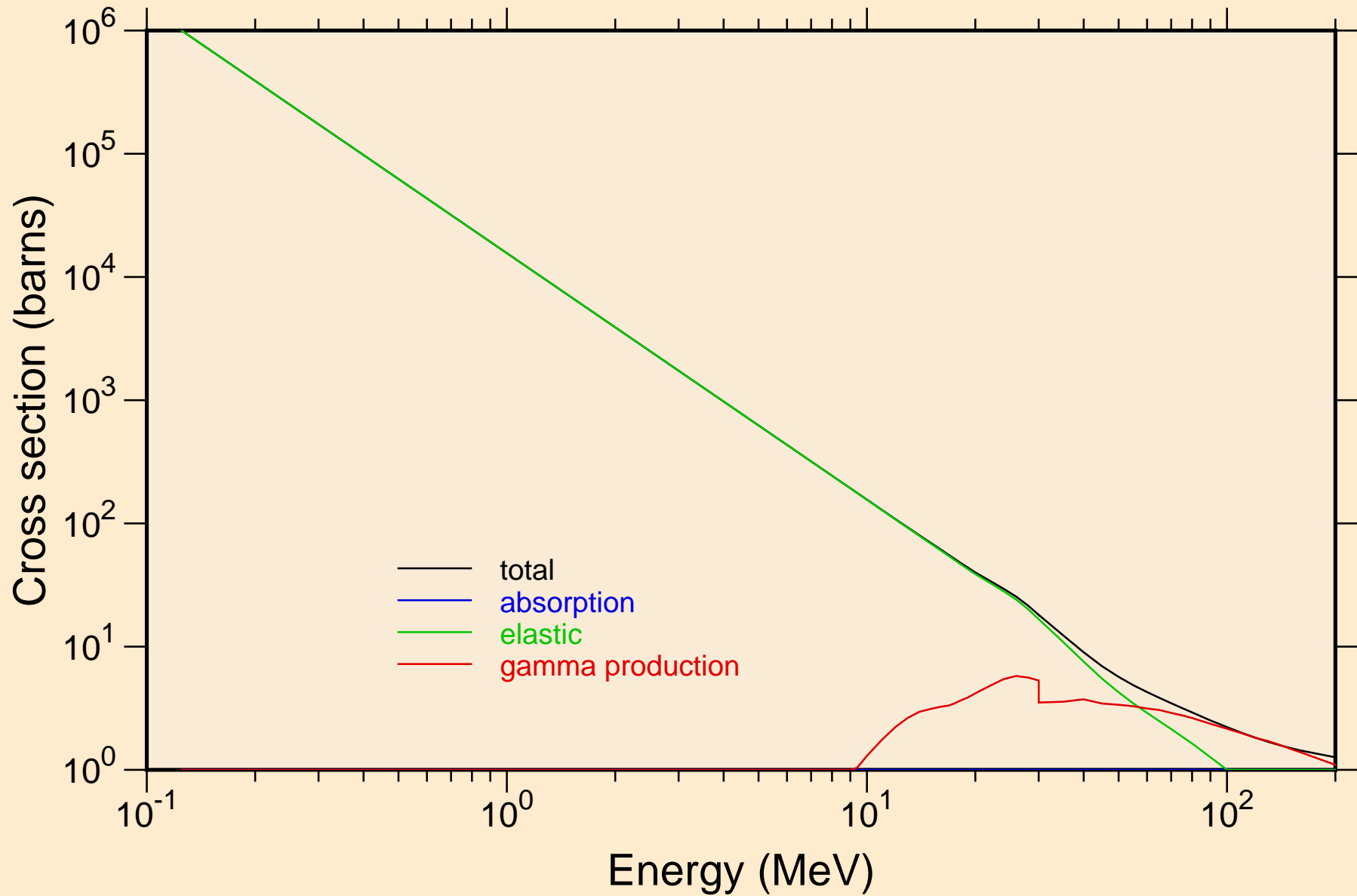


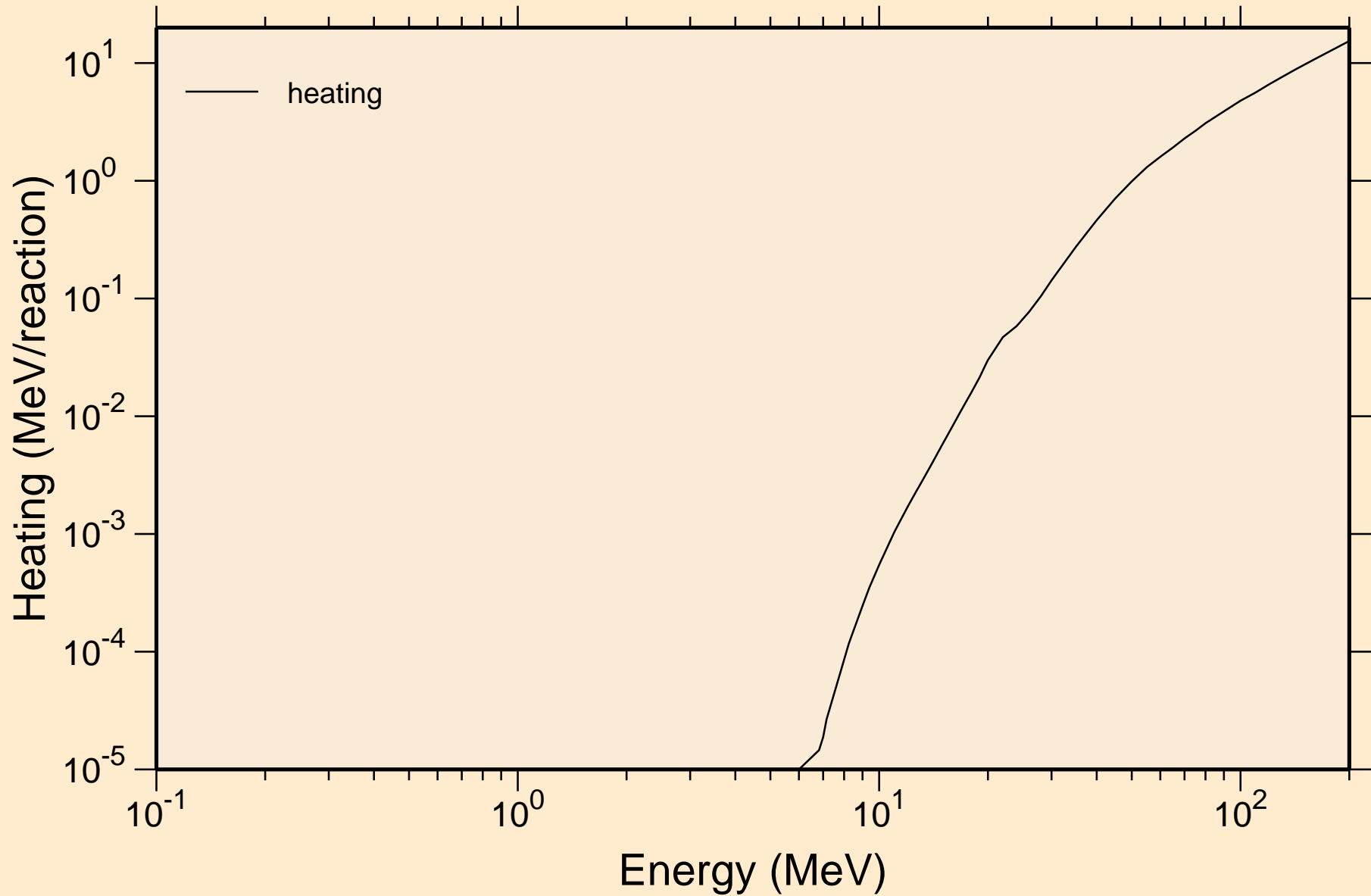
# SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



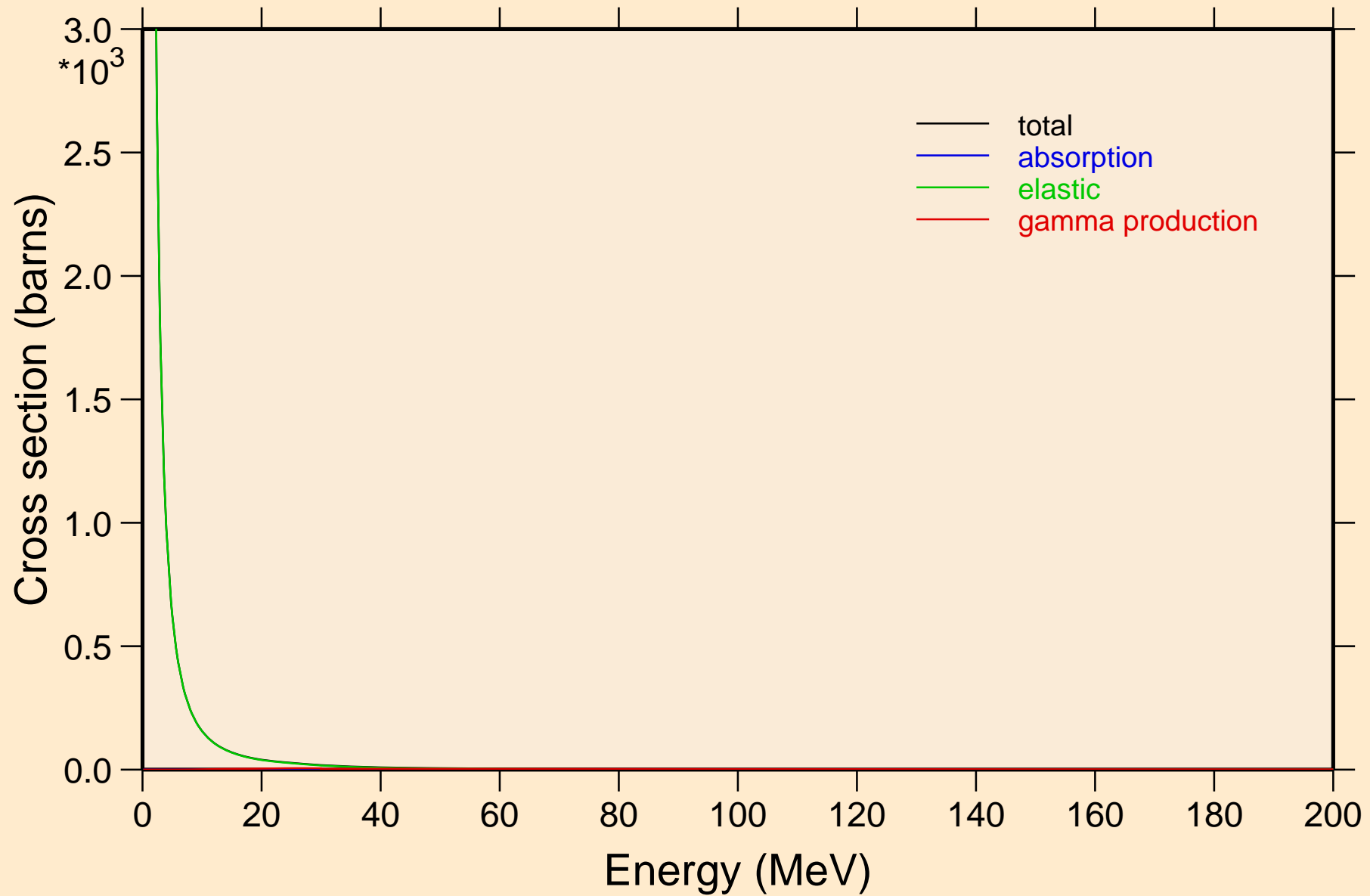
# SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Heating



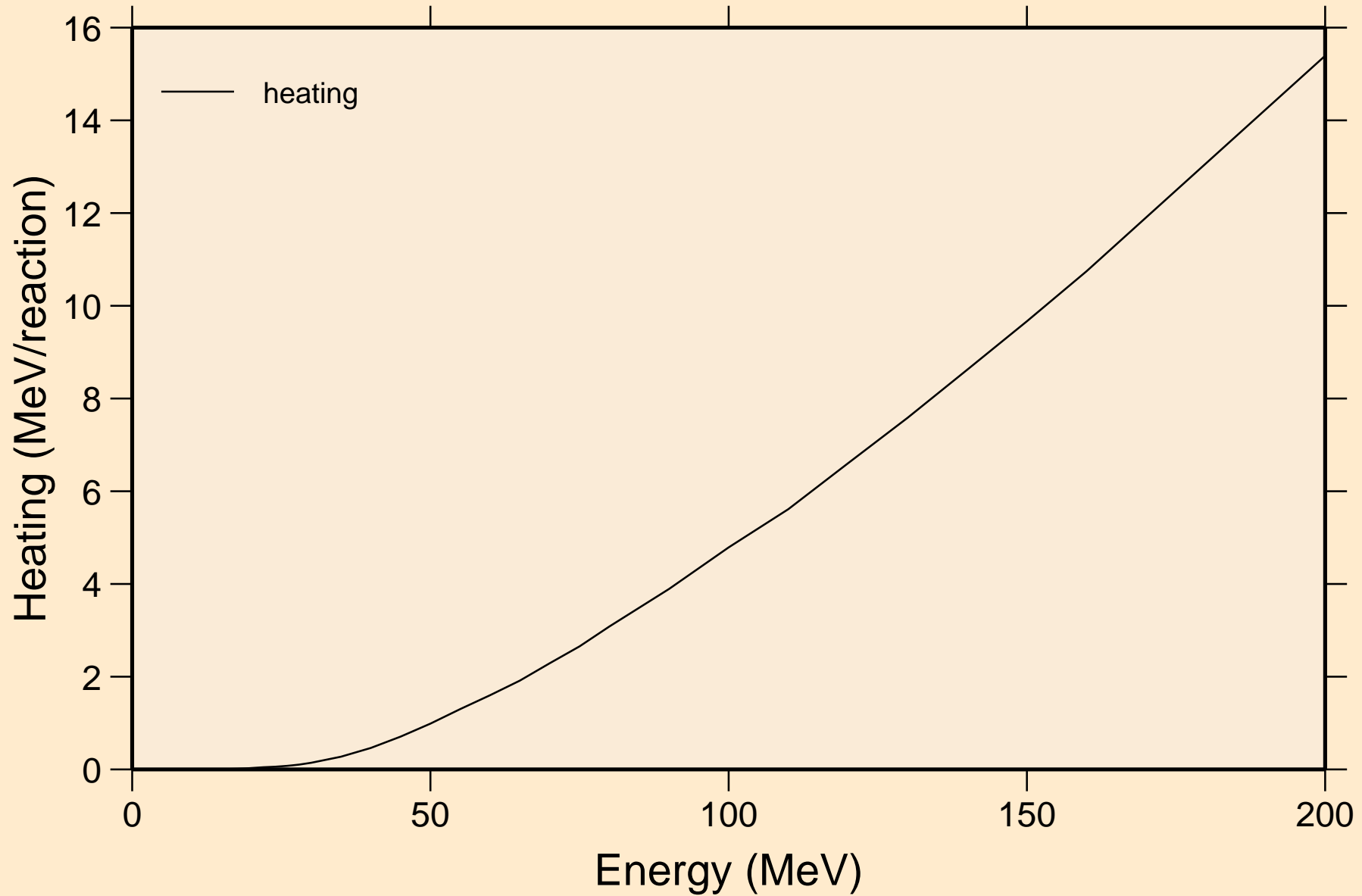
# SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



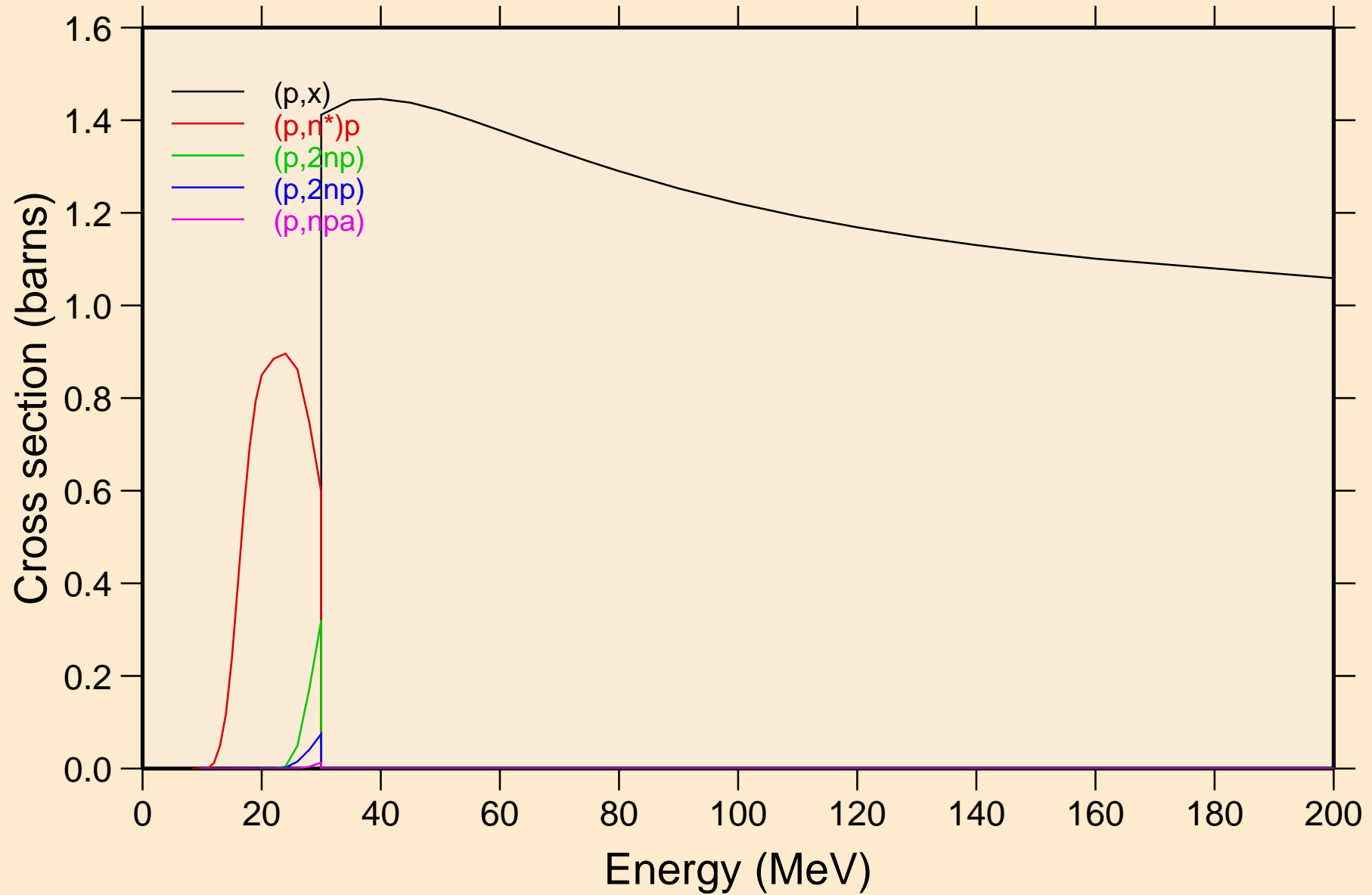
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## Heating



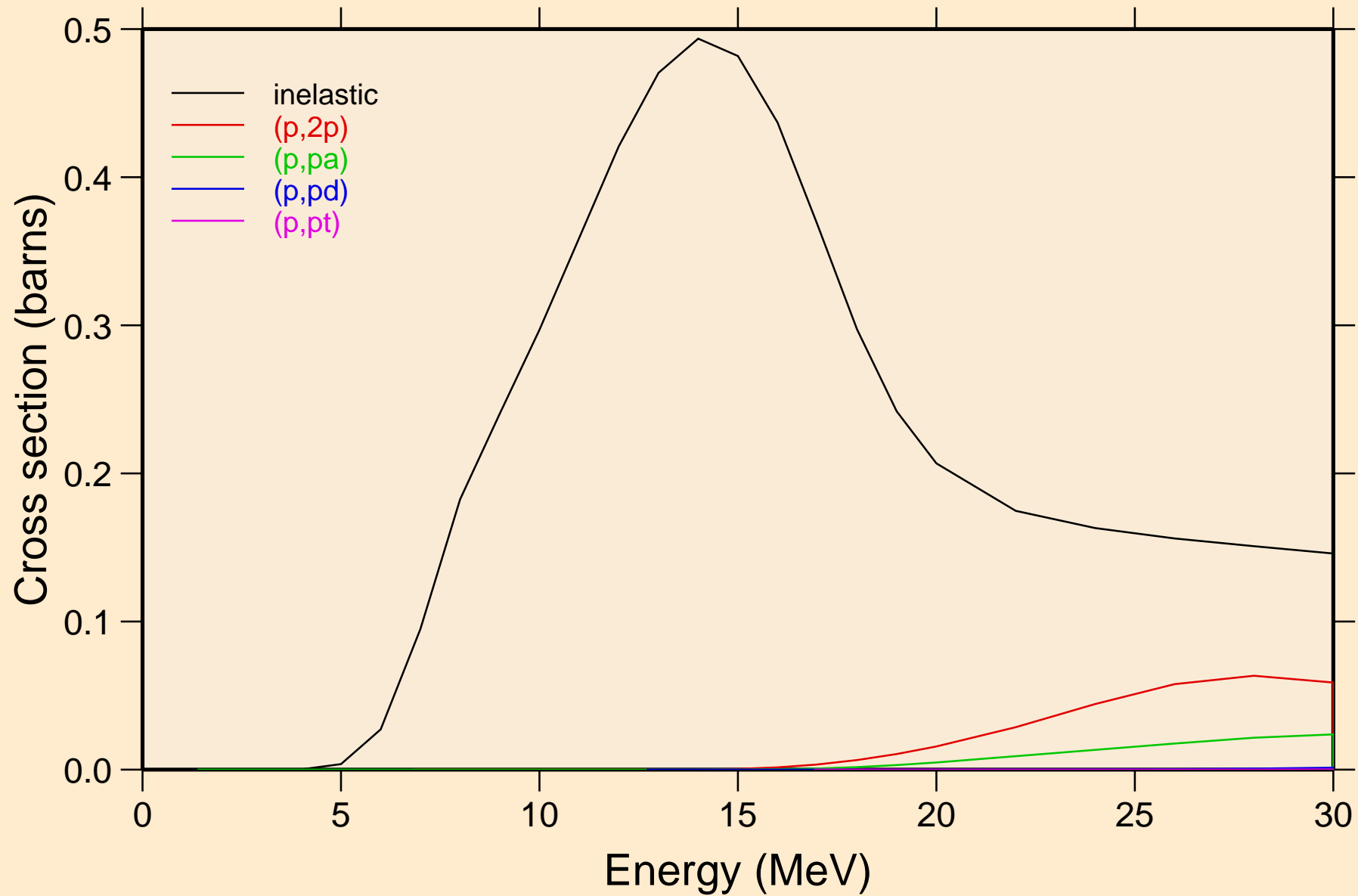
# SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions

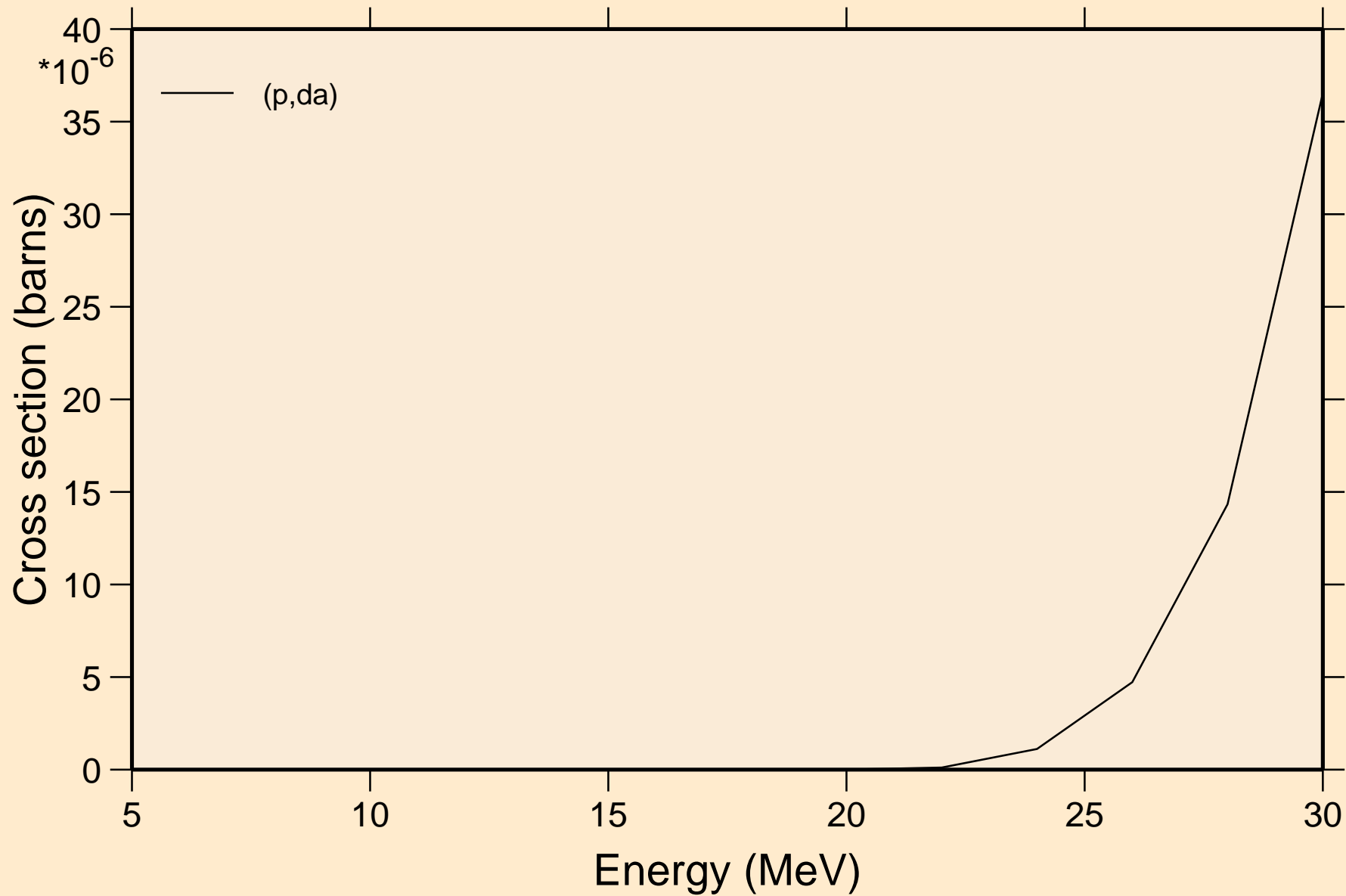


# SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K

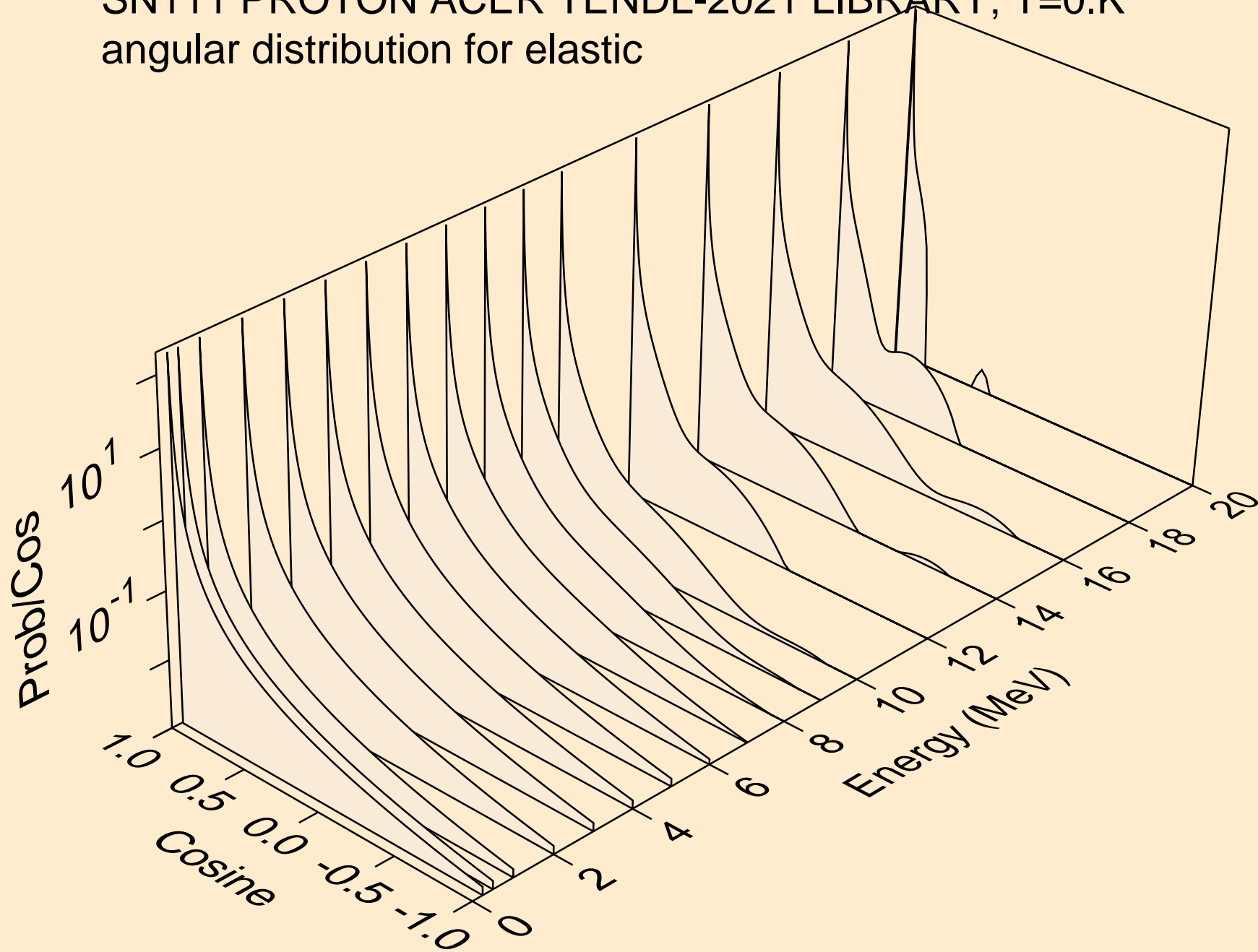
## Threshold reactions



SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

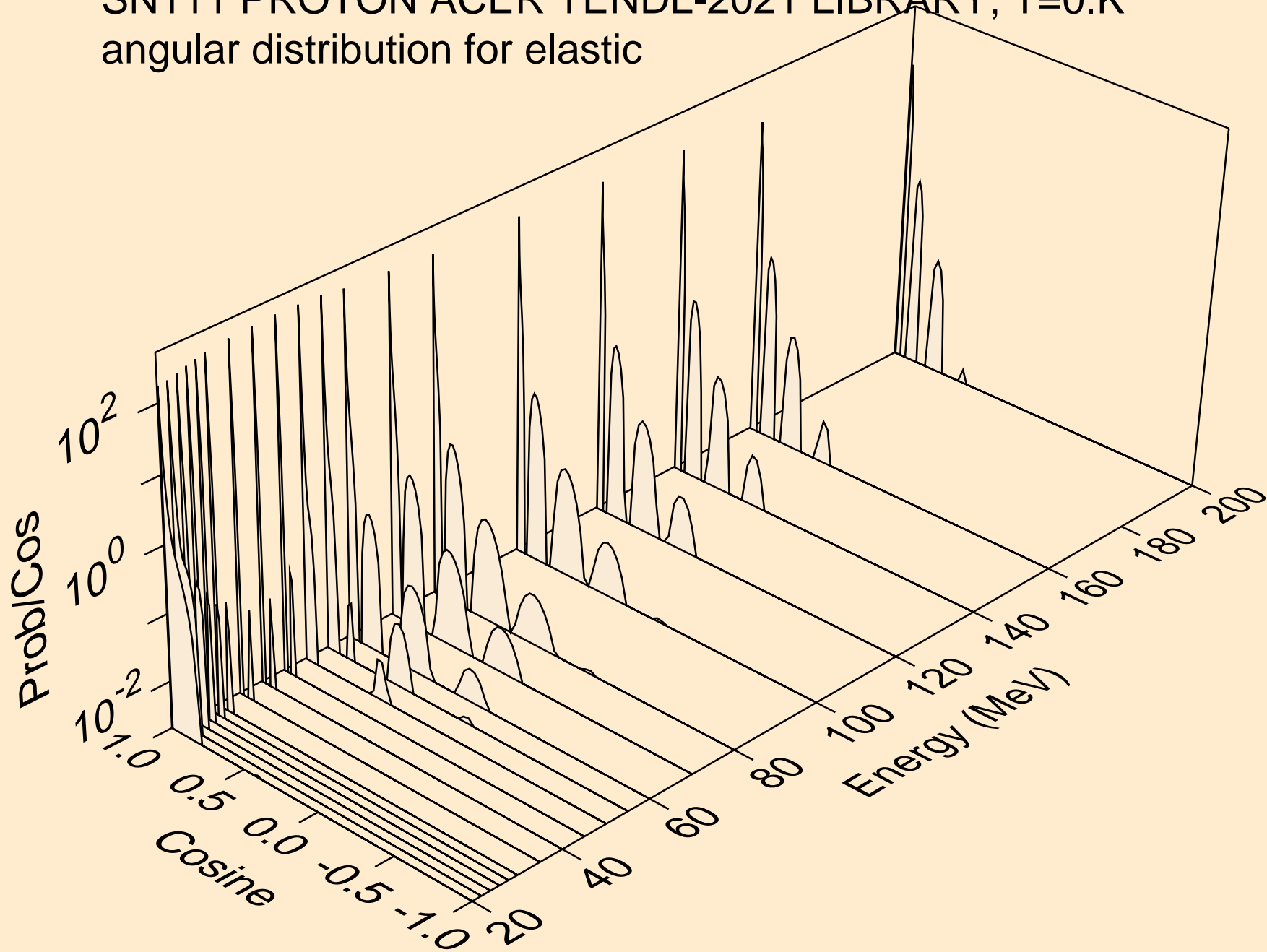


SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

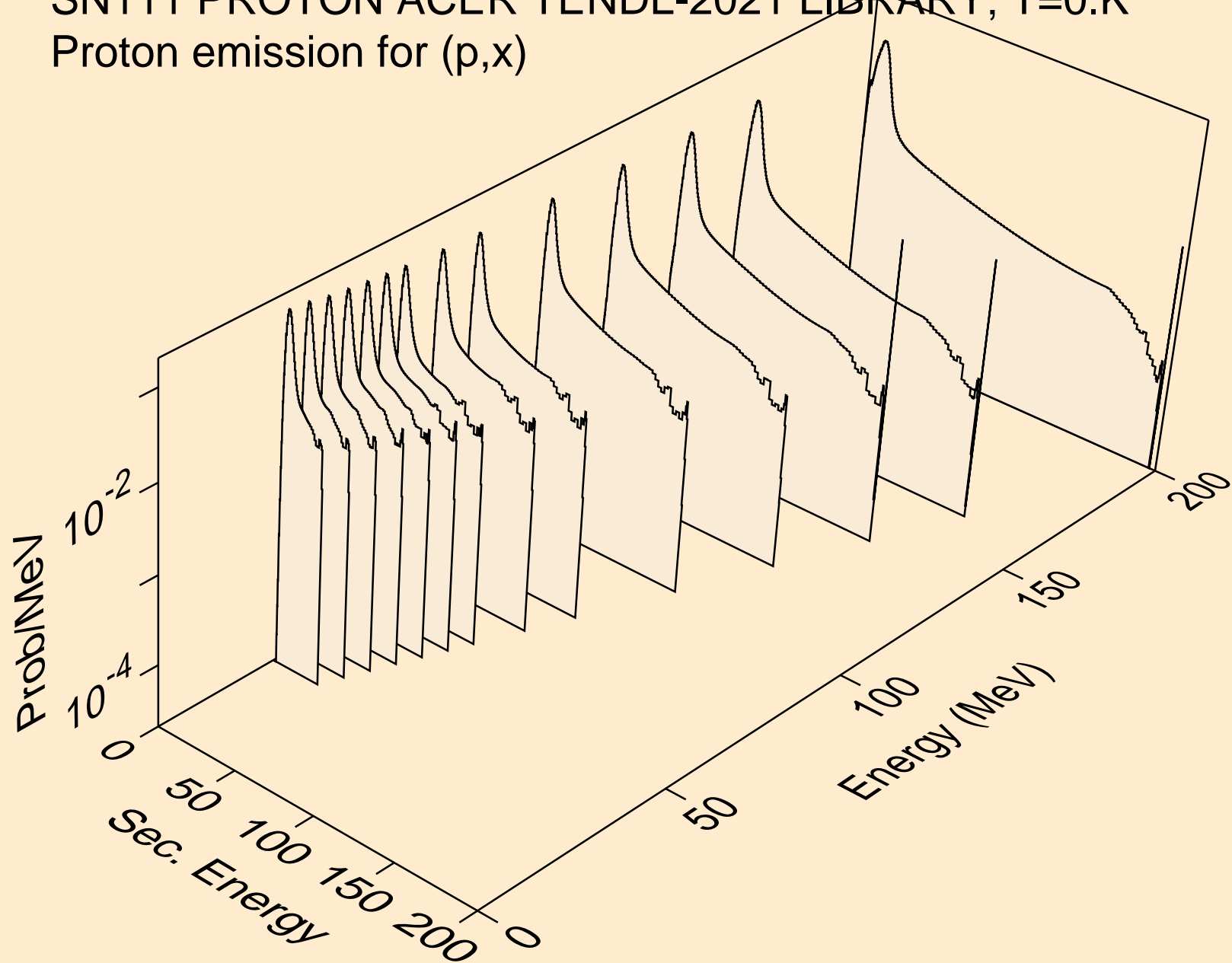




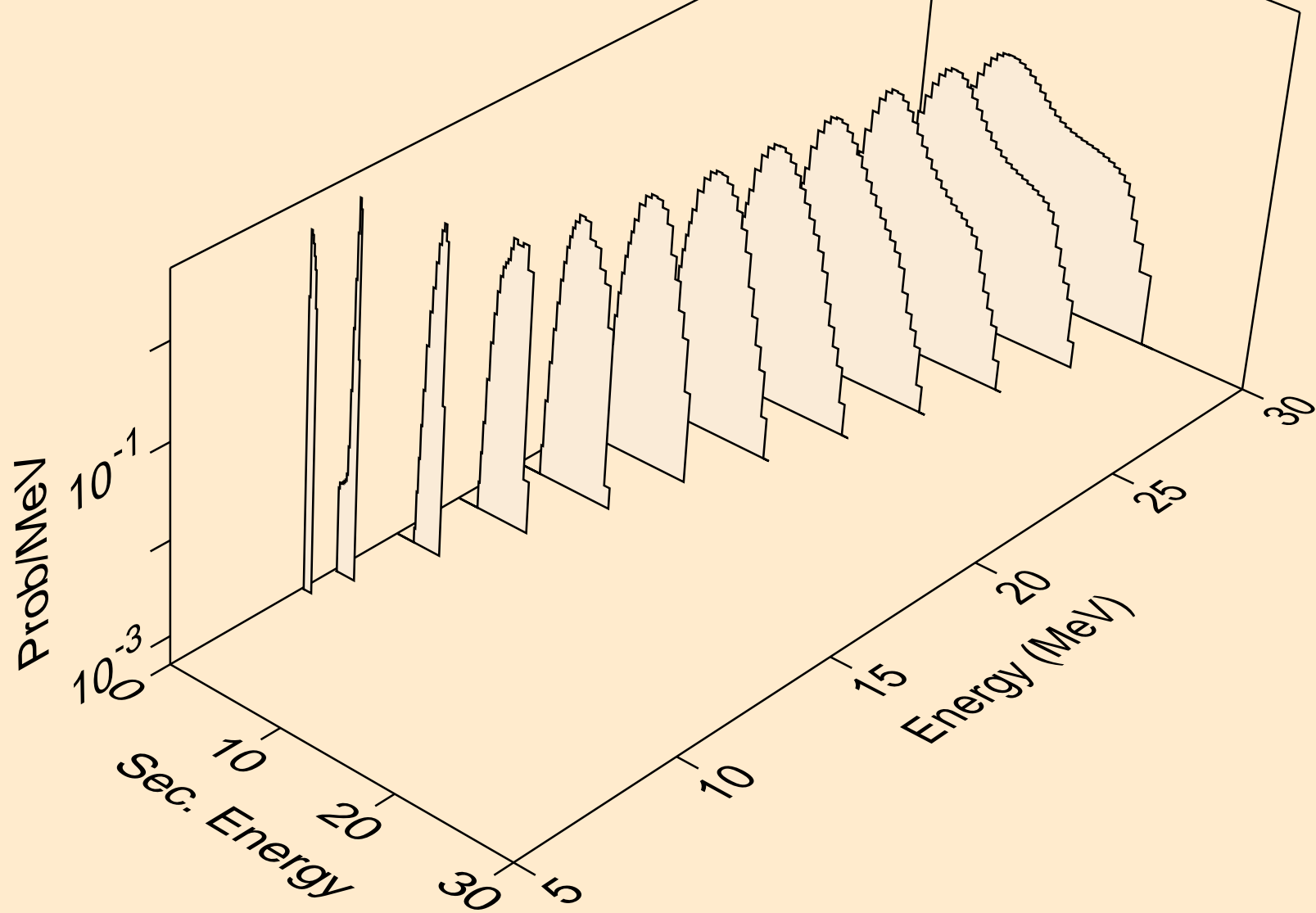
SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



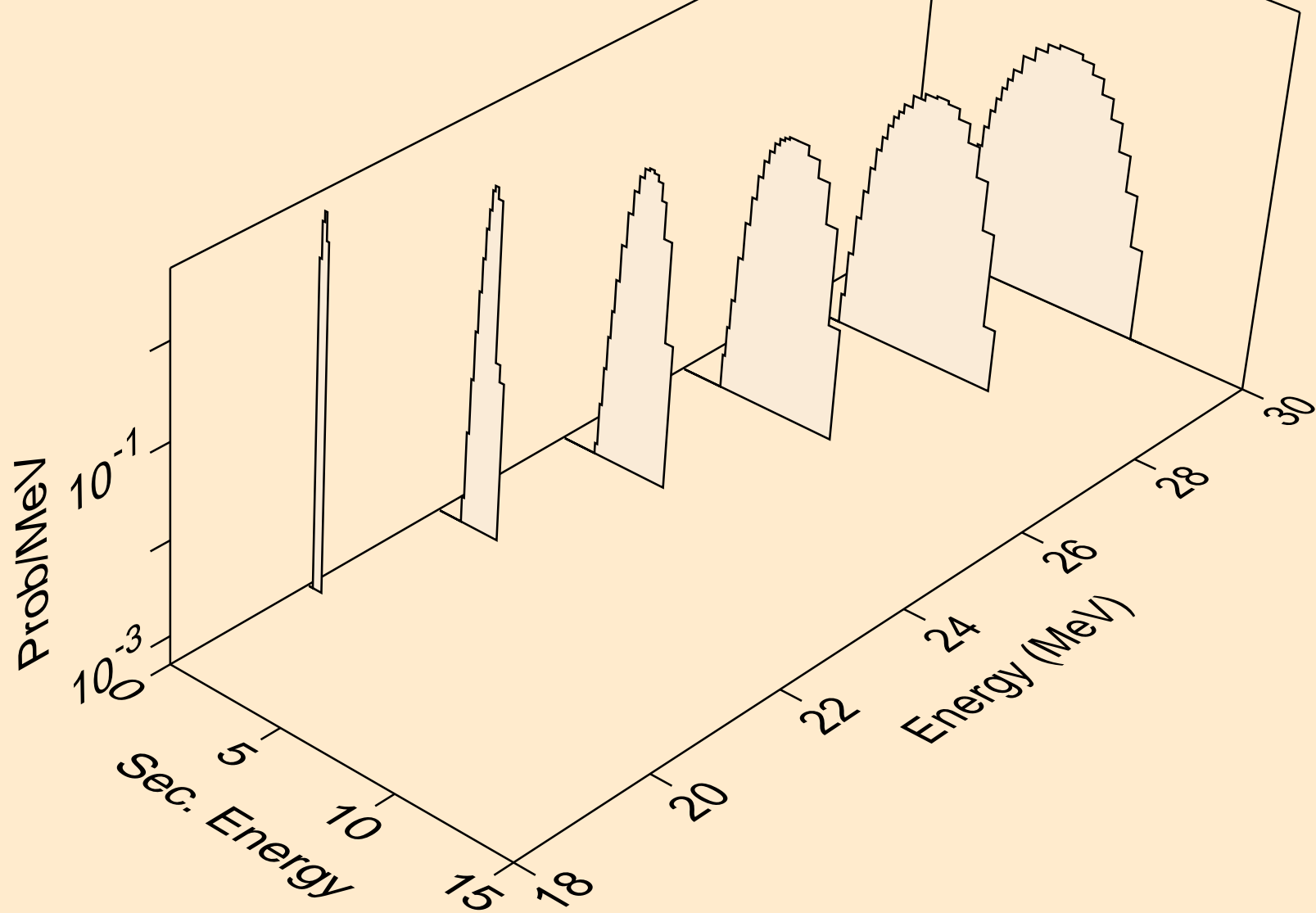
SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,x)



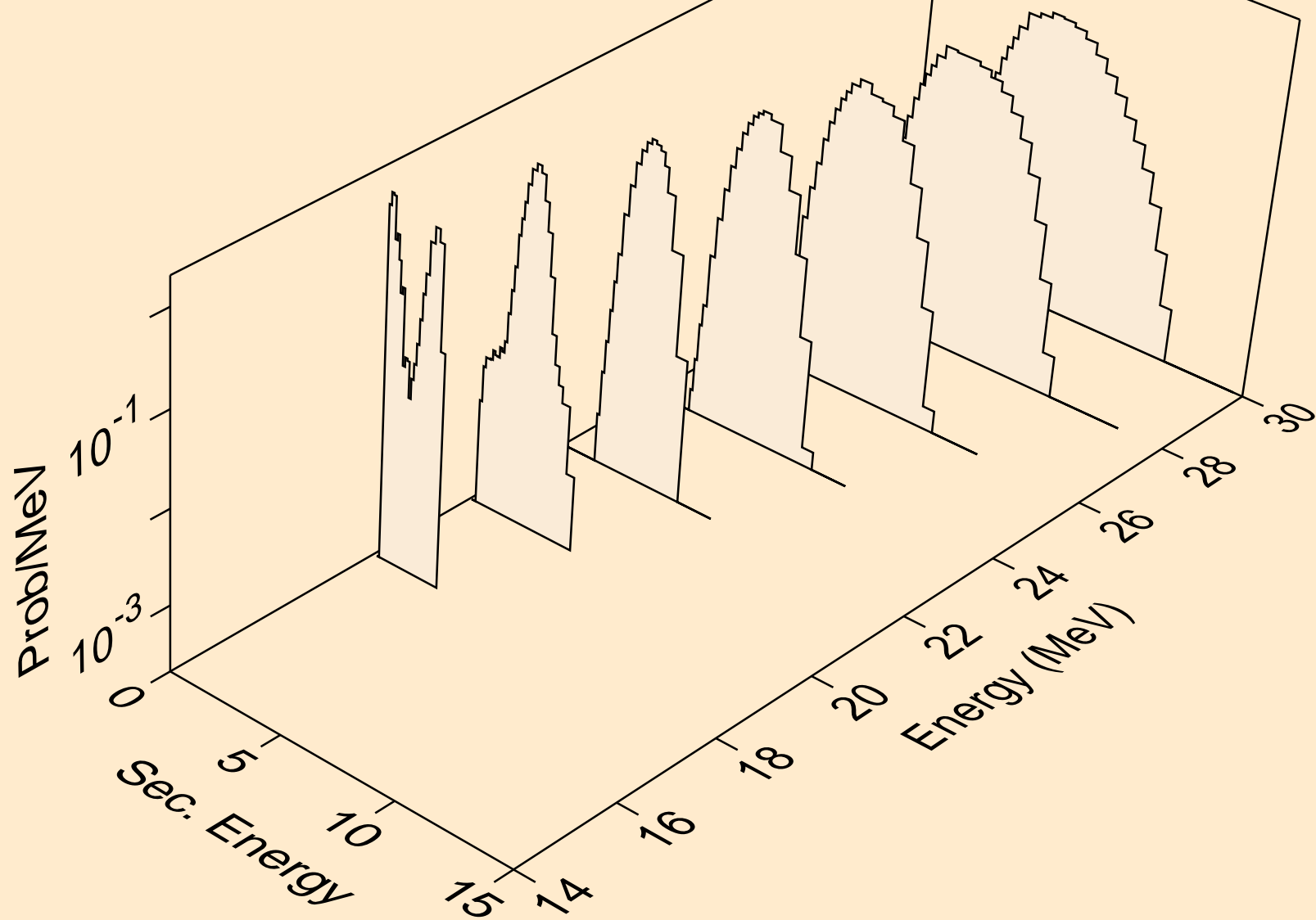
SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



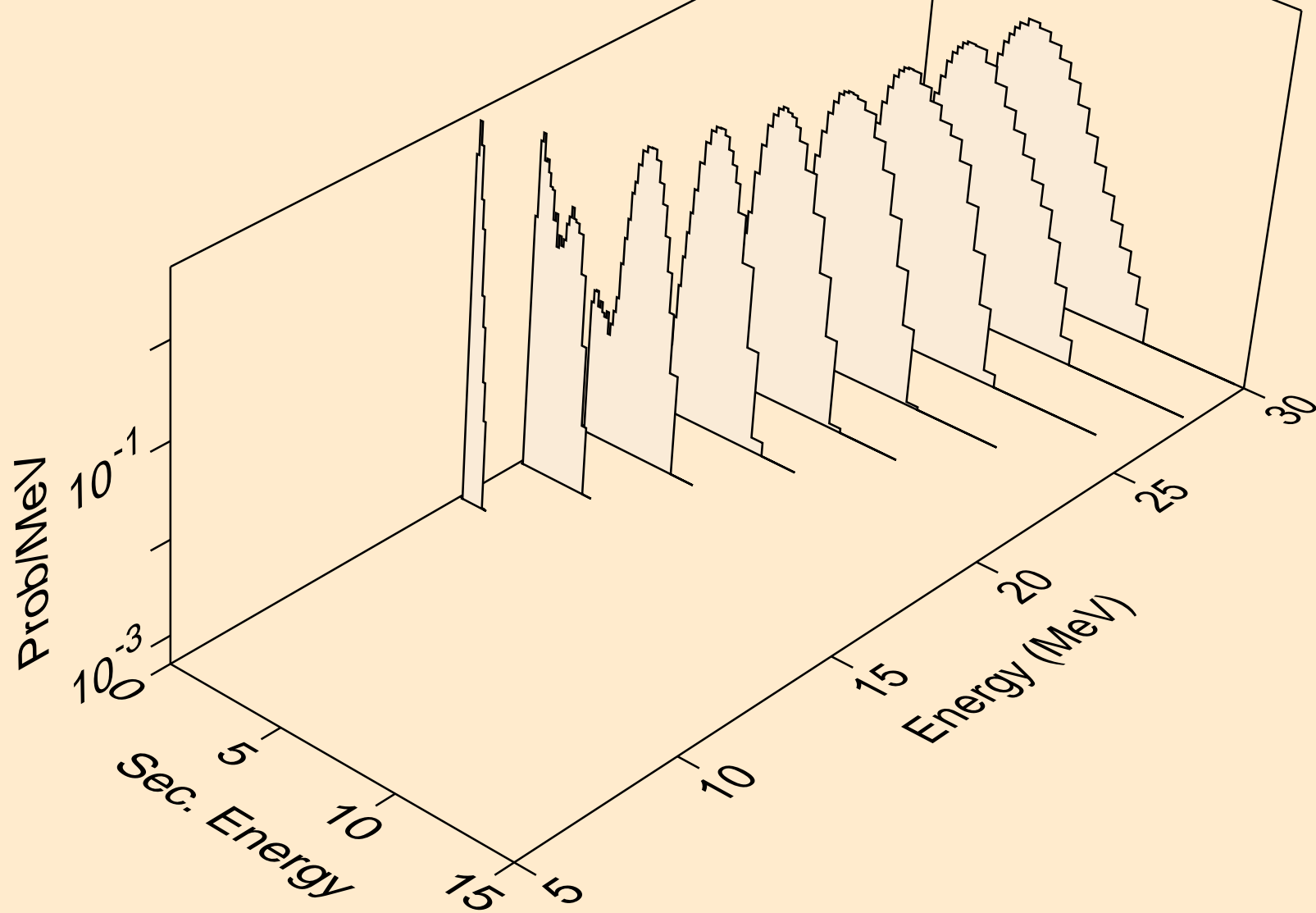
SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)



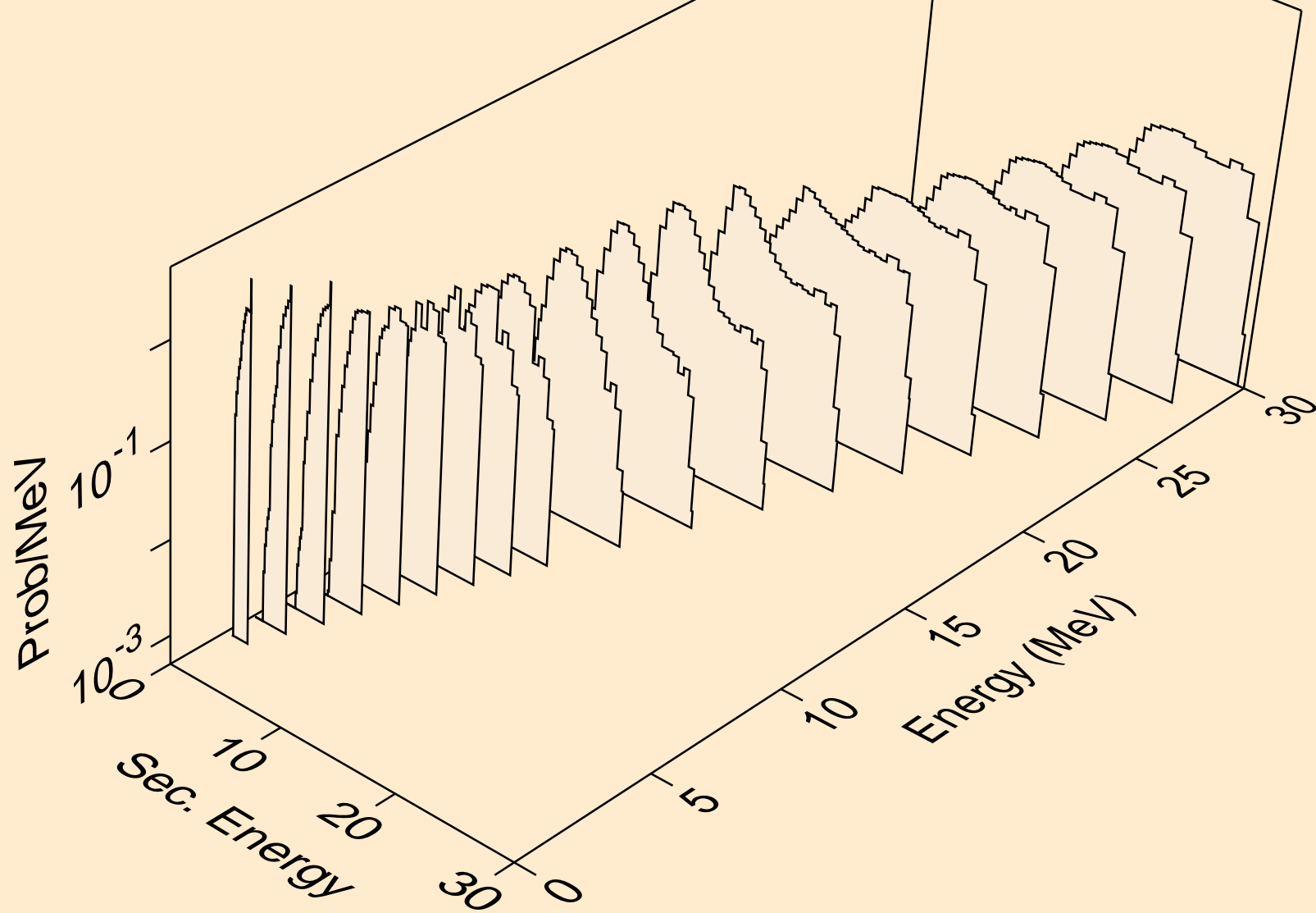
SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)



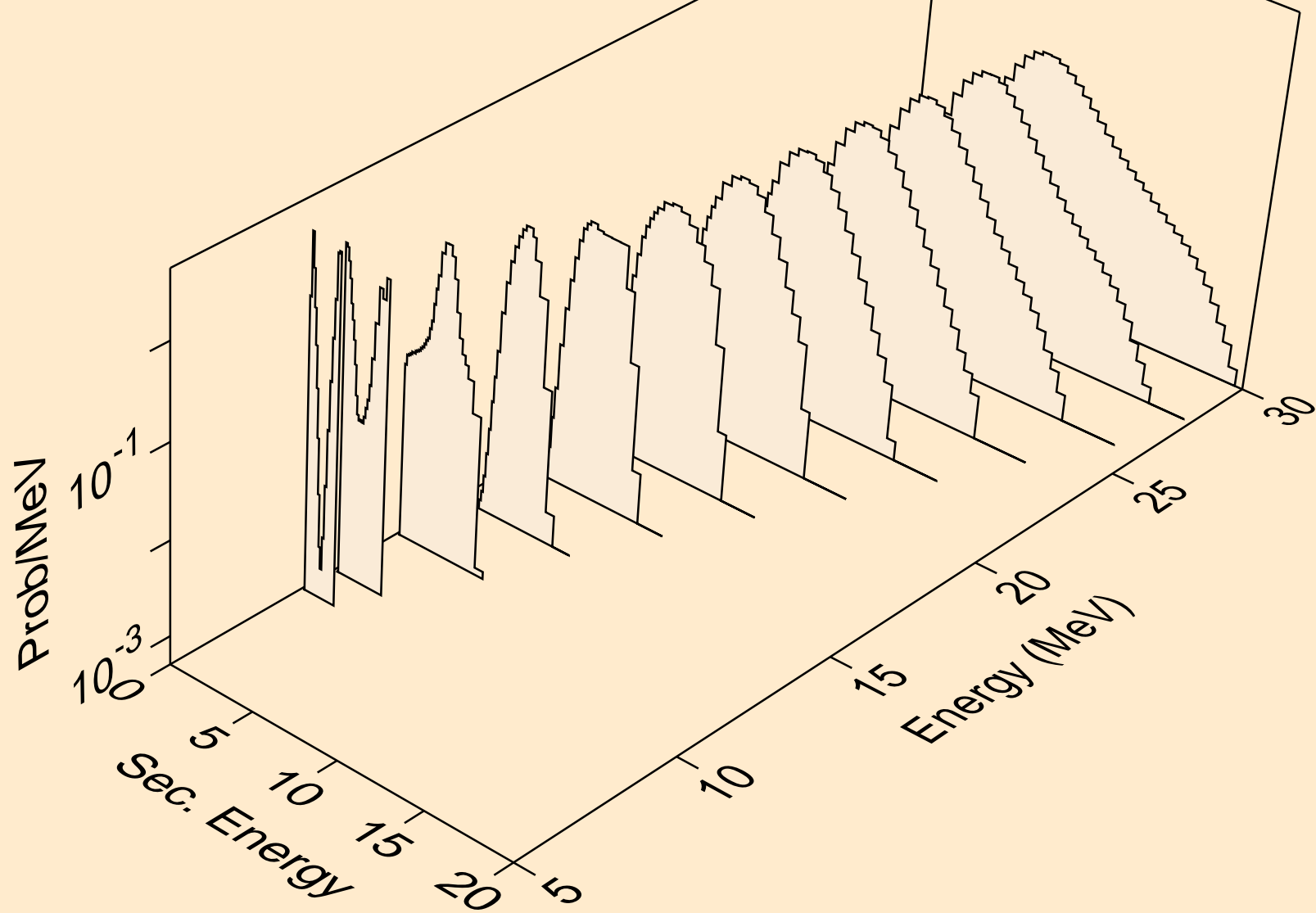
SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,npa)



SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for inelastic

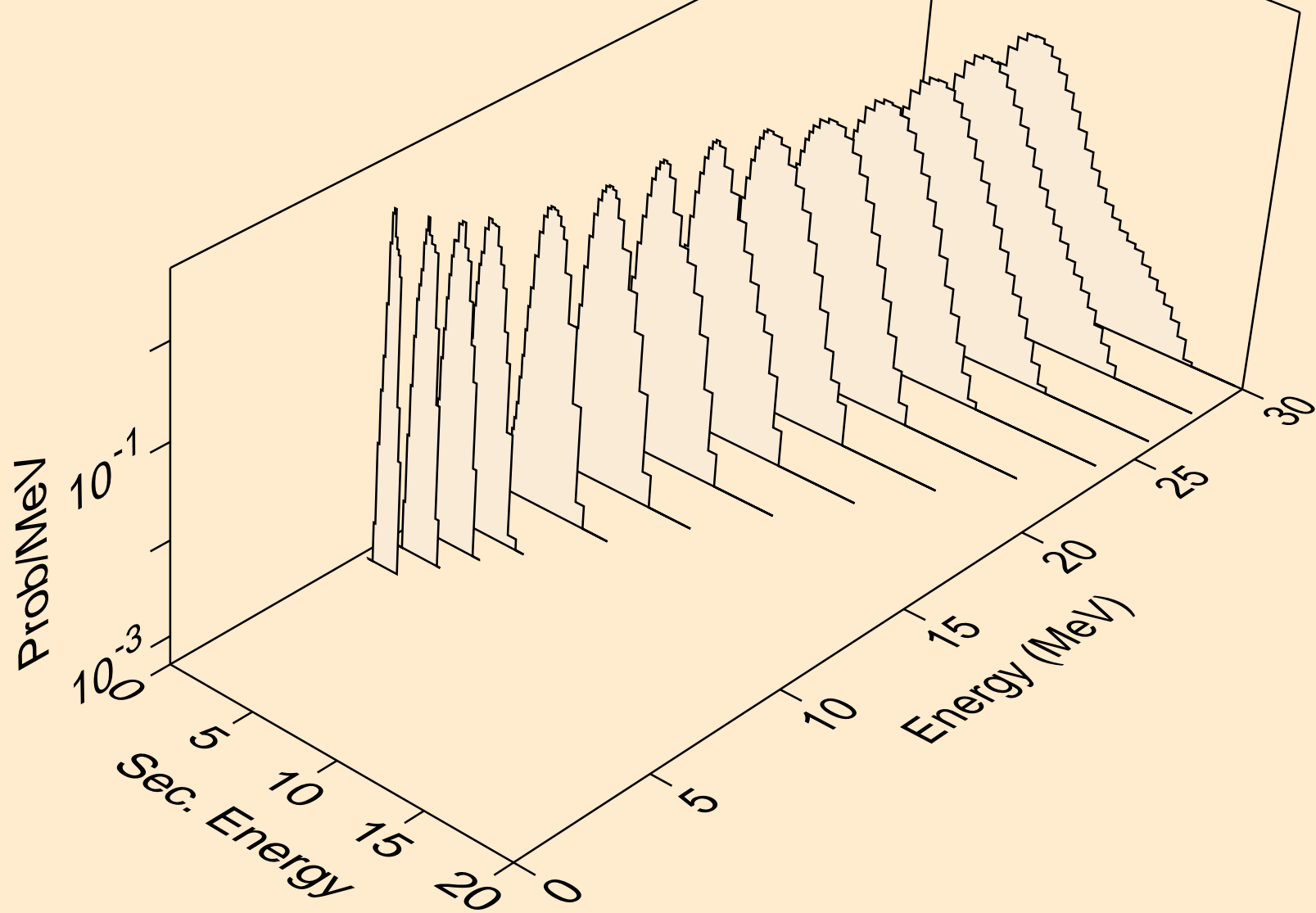


SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2p)

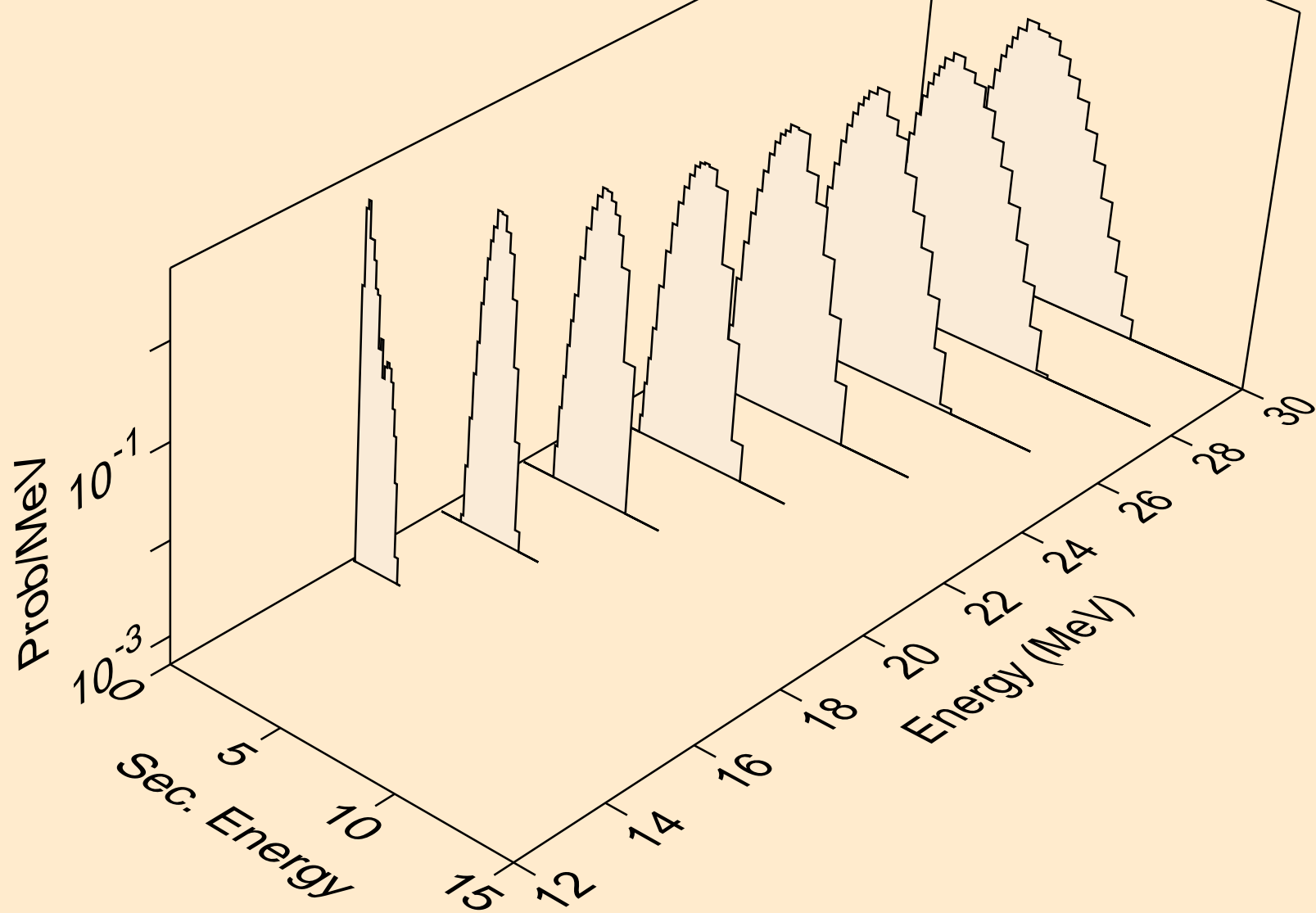




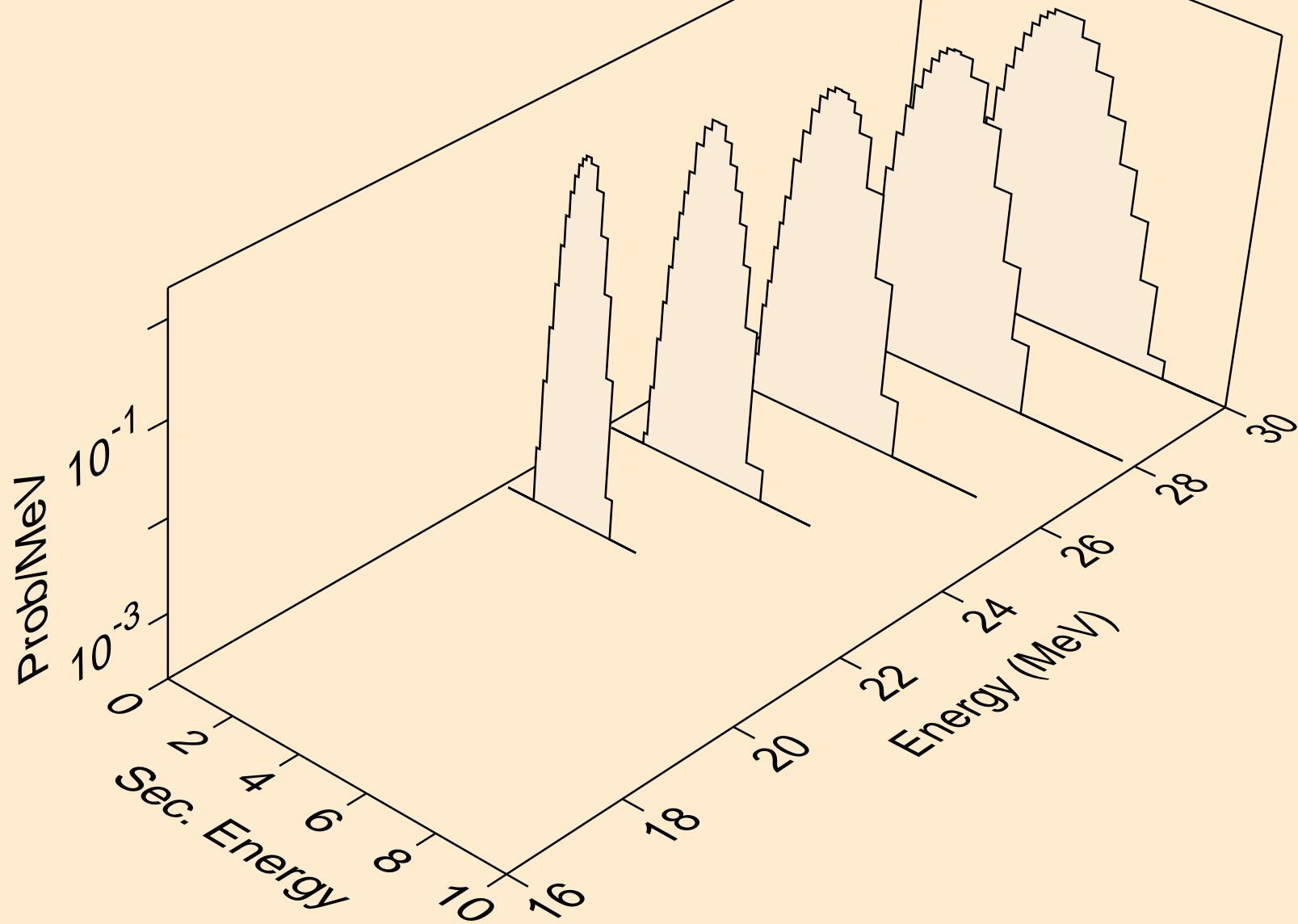
SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,pa)



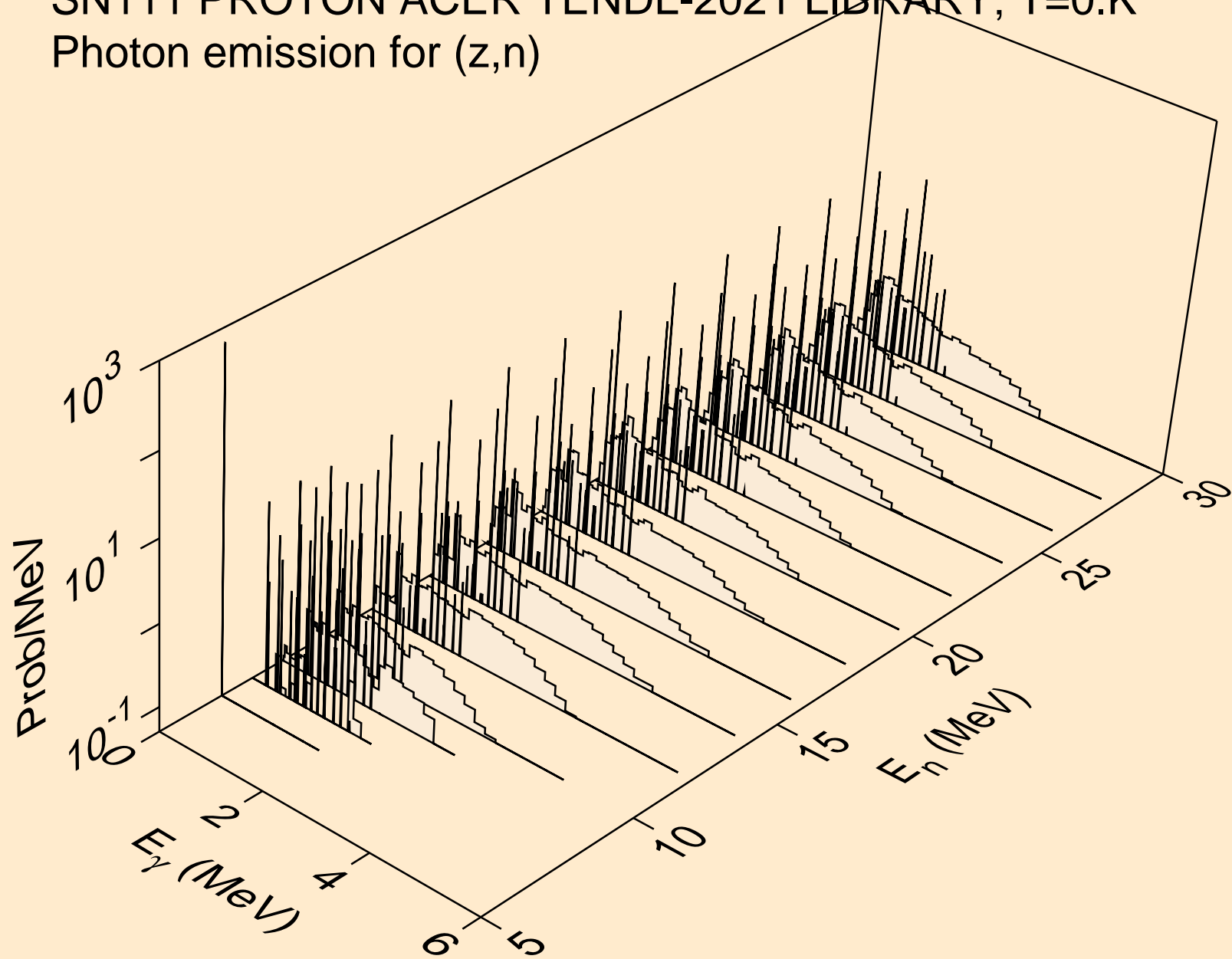
SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,pd)



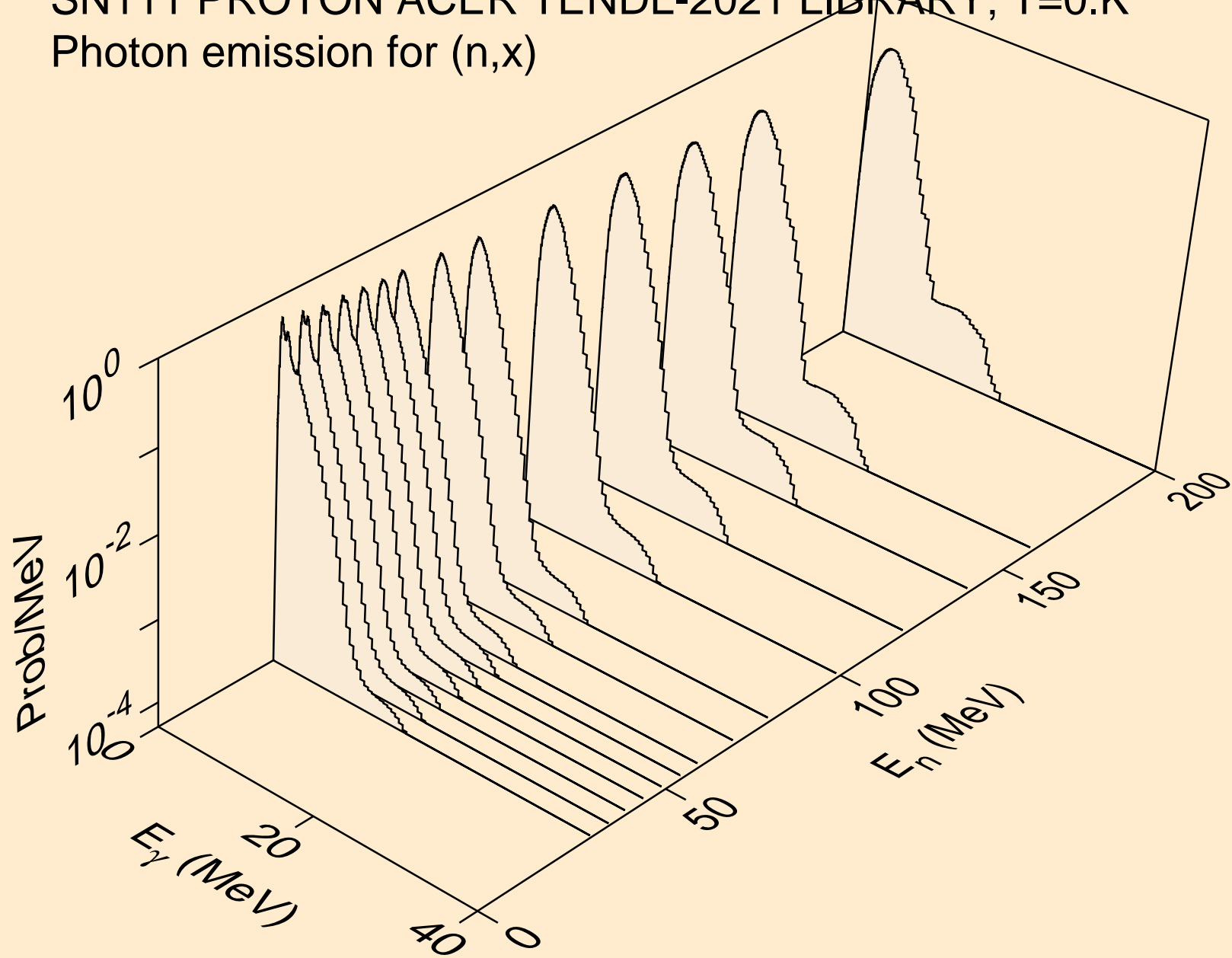
SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,pt)



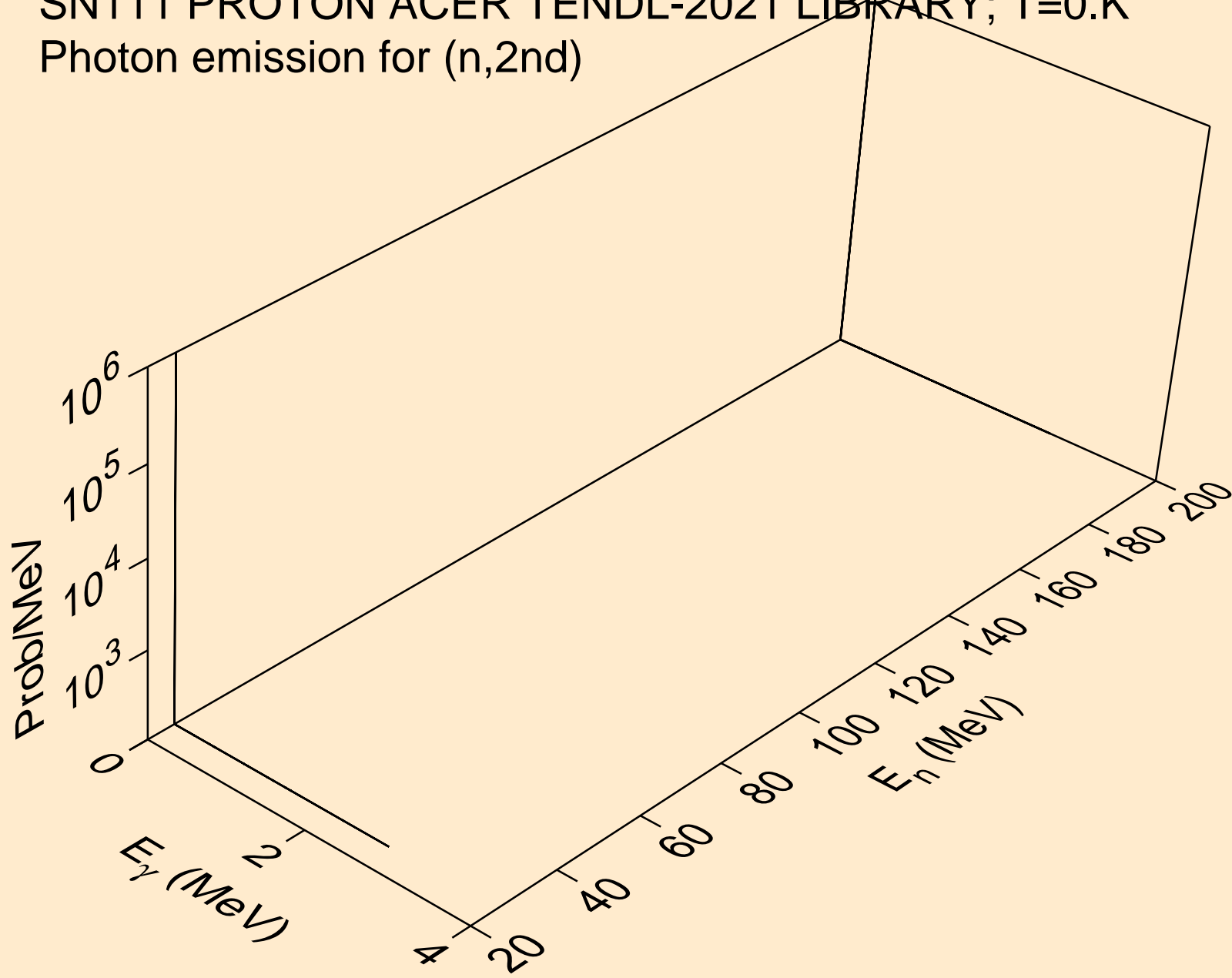
SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



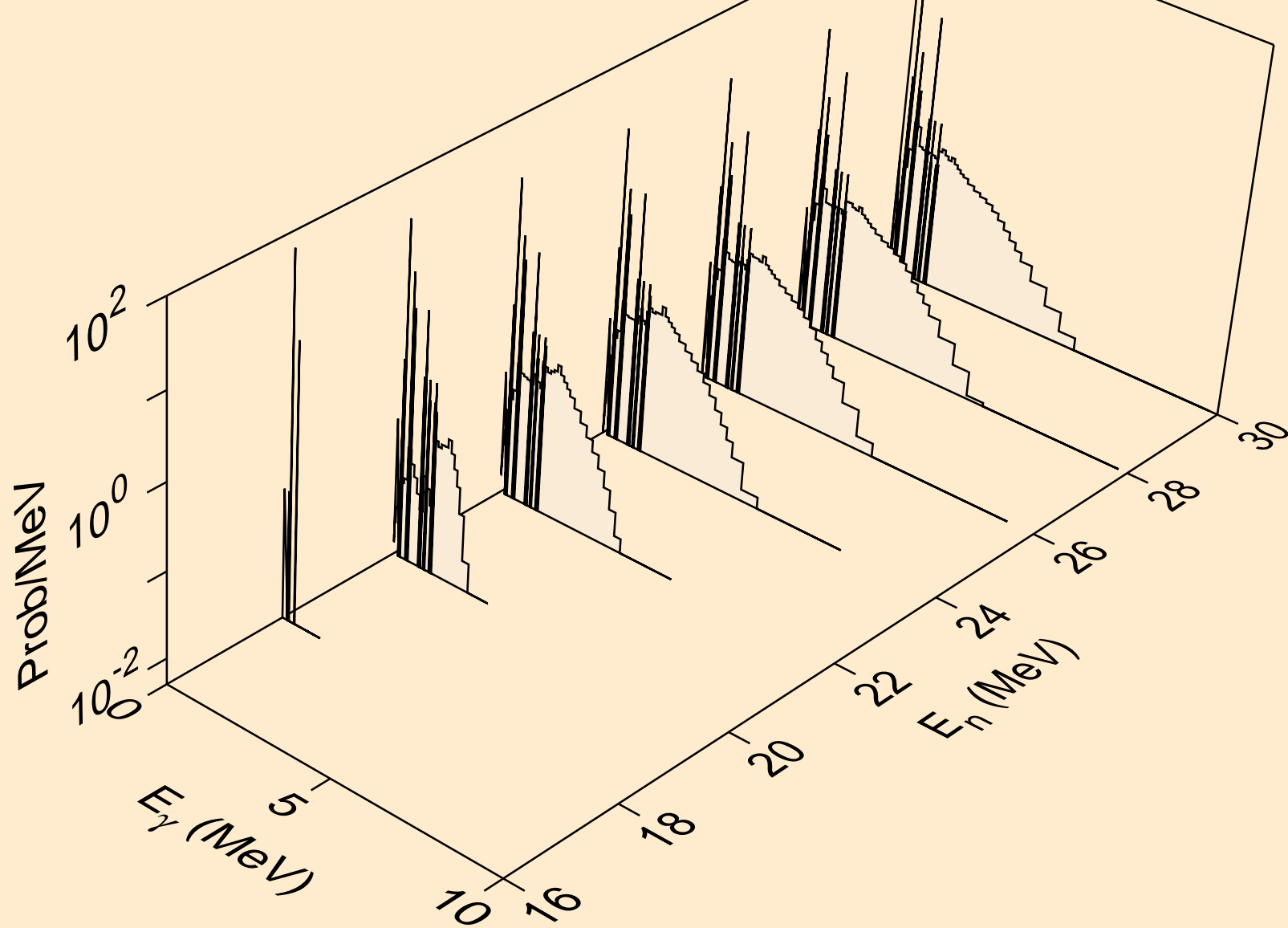
SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



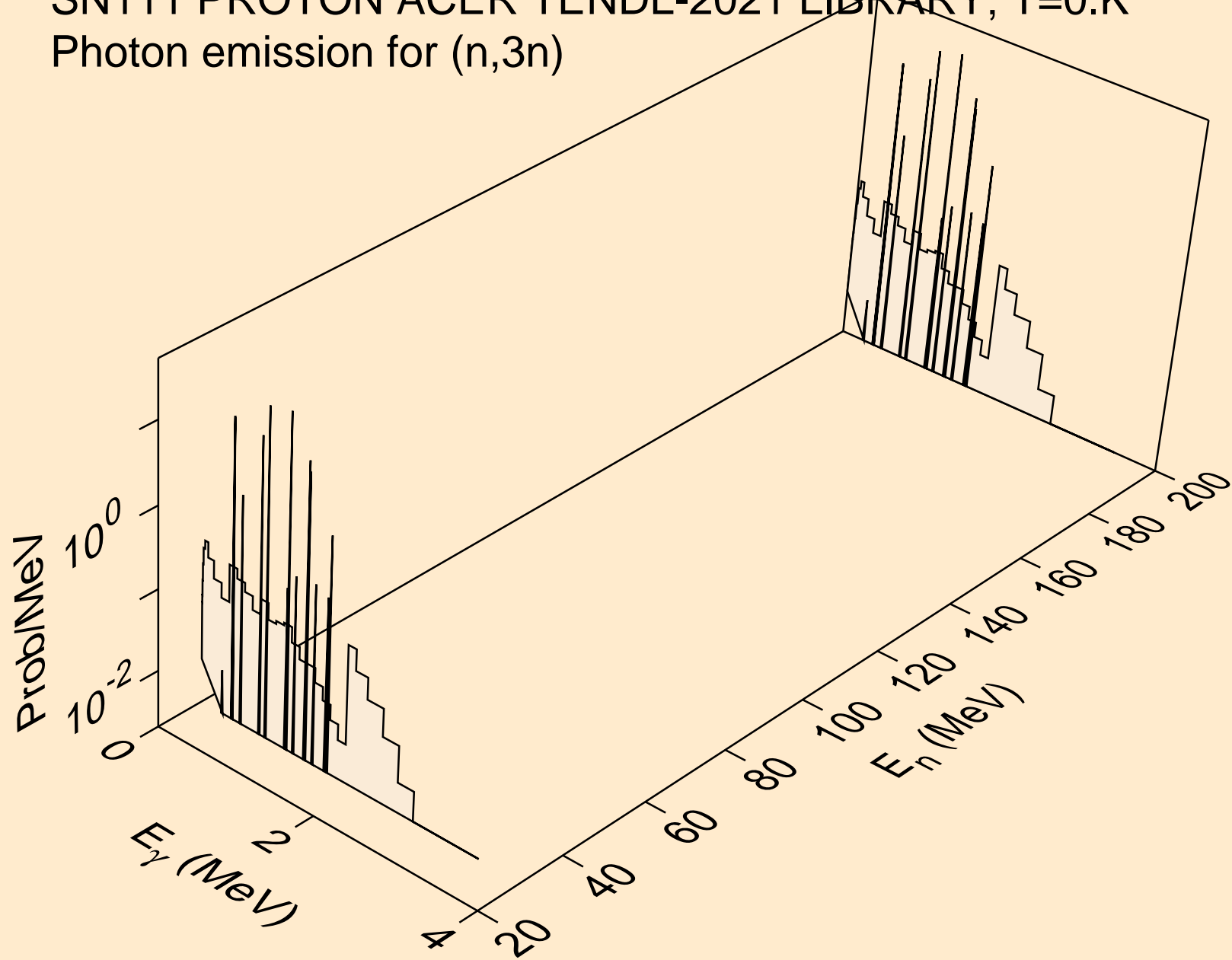
SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)



SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)

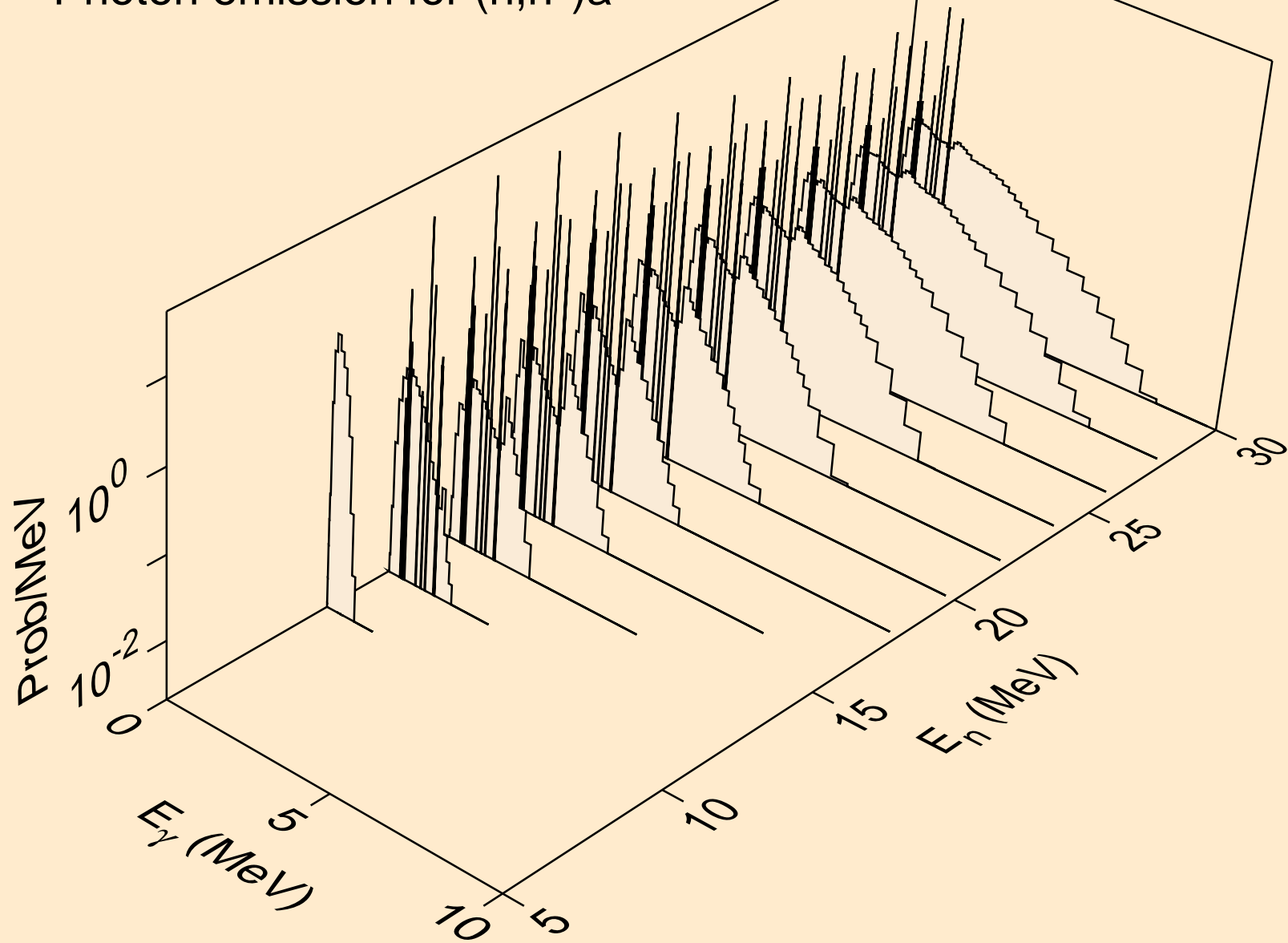


SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)

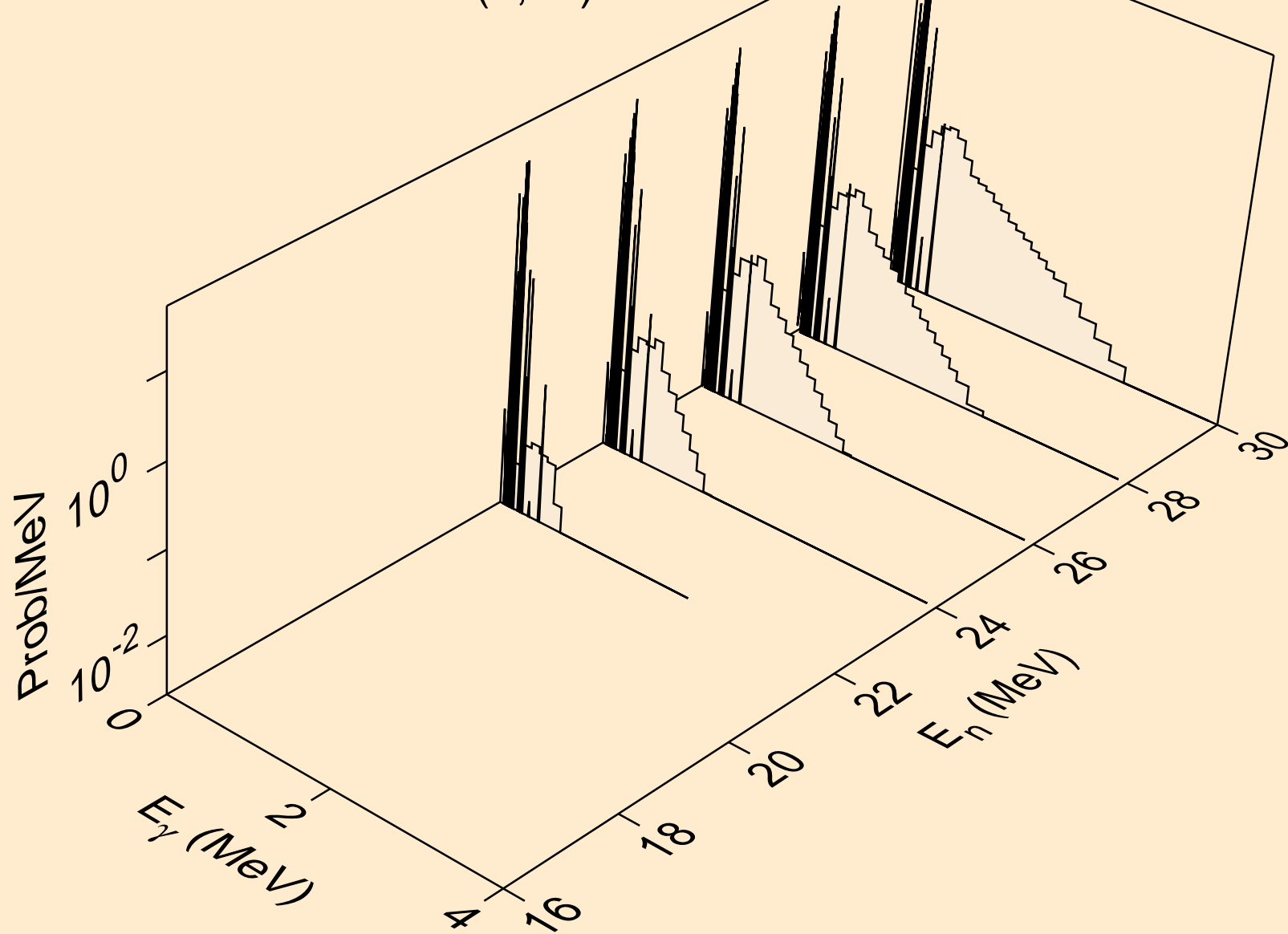




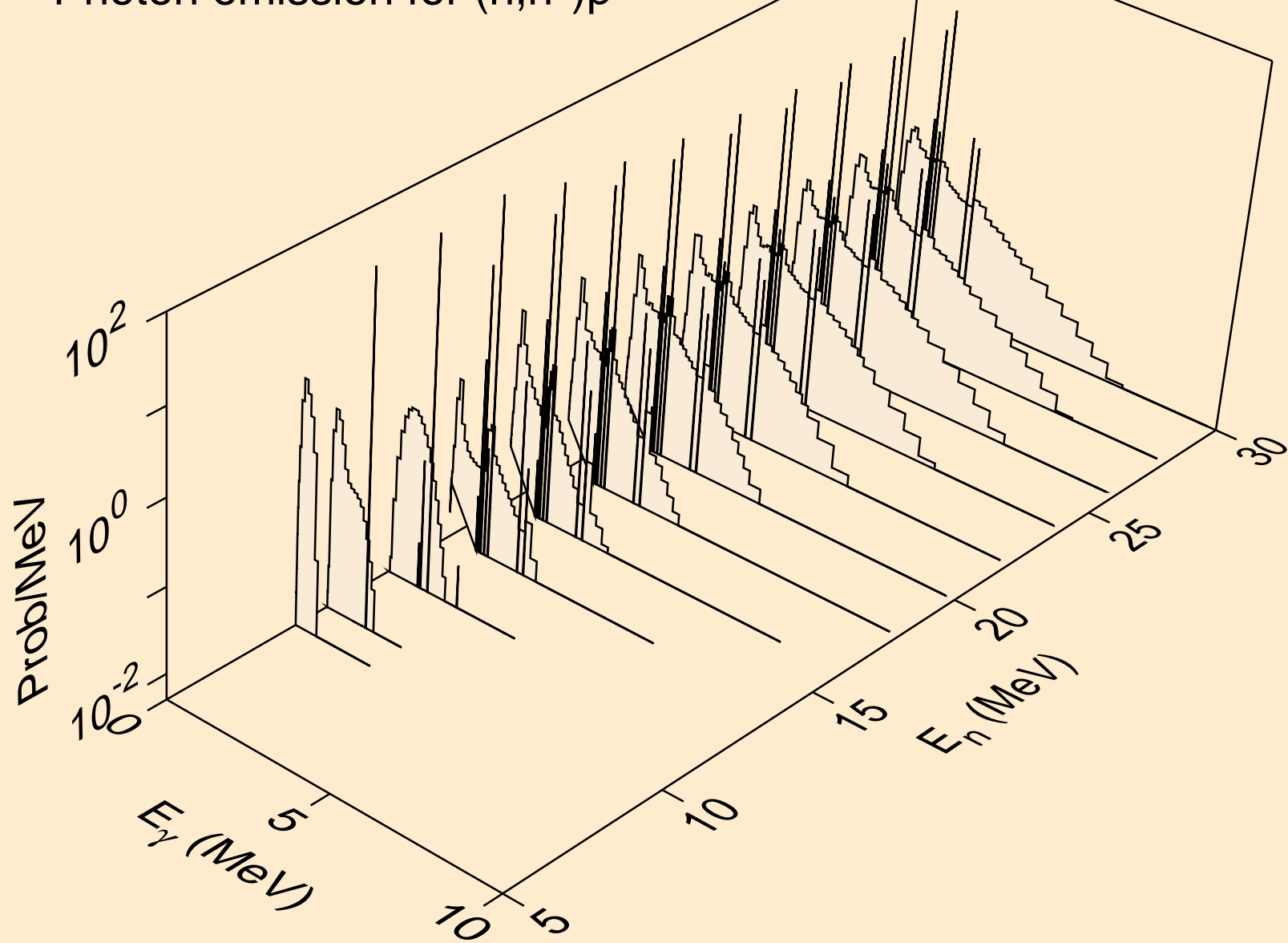
SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



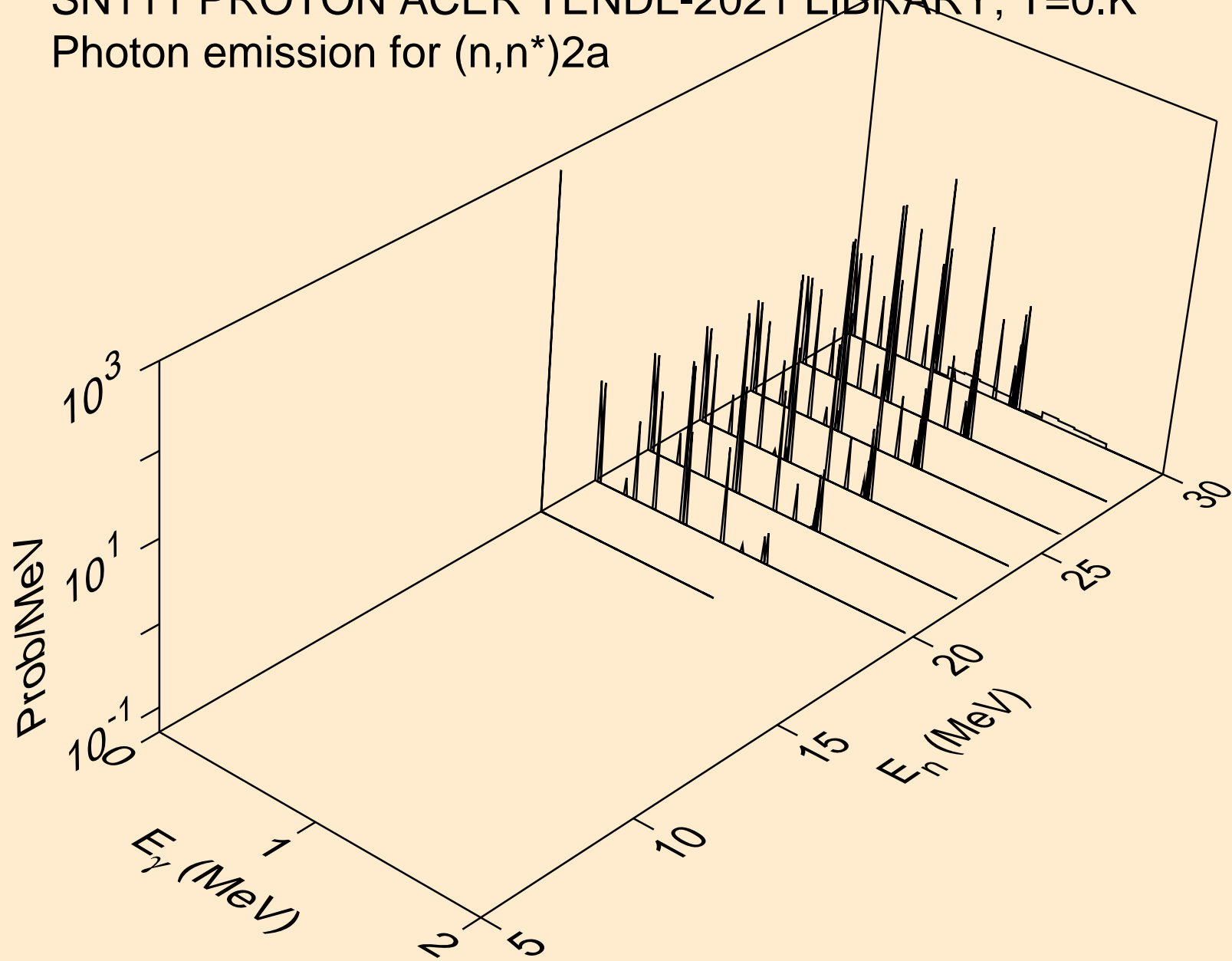
SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a



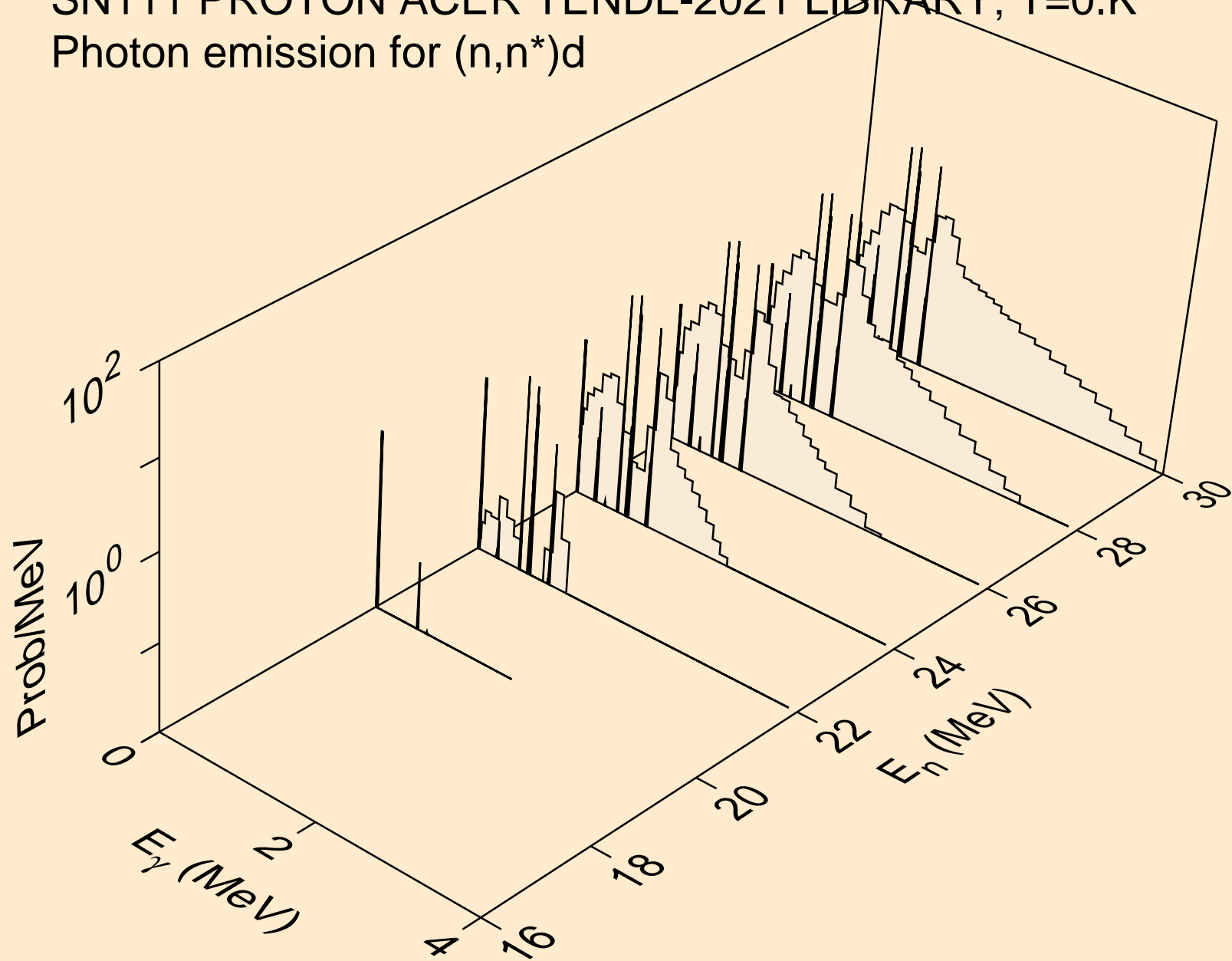
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Photon emission for (n,n\*)p



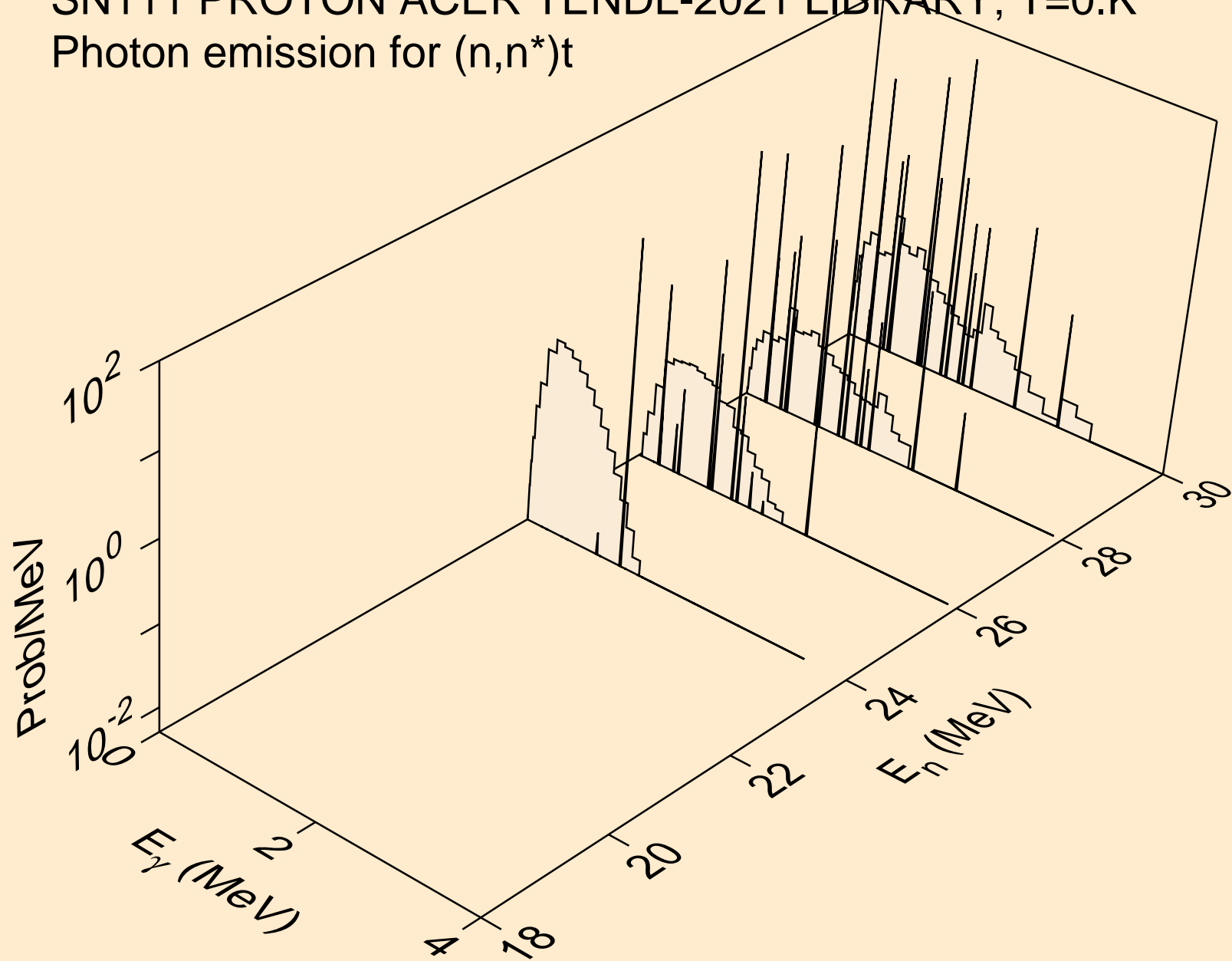
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Photon emission for (n,n\*)2a



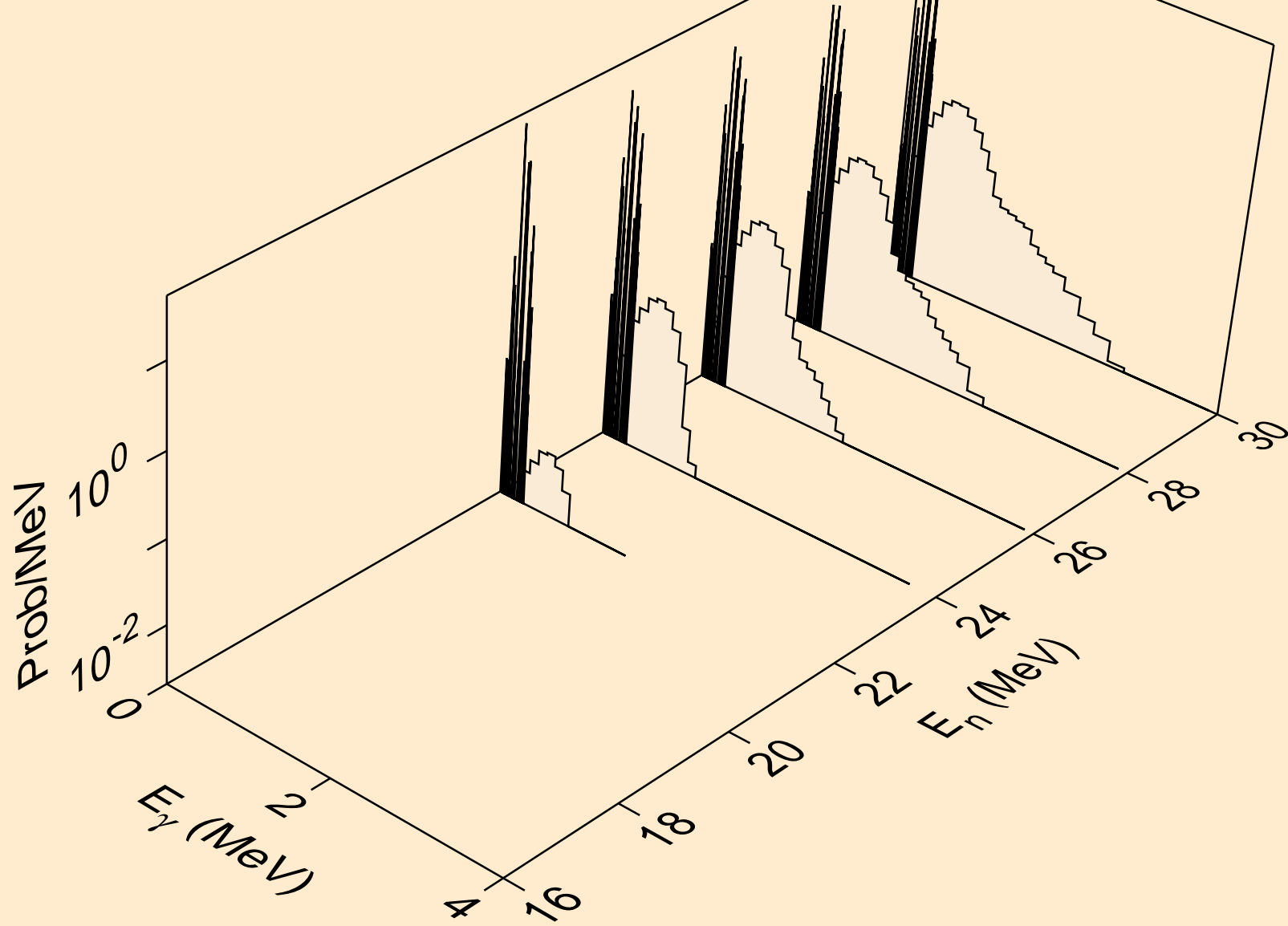
SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



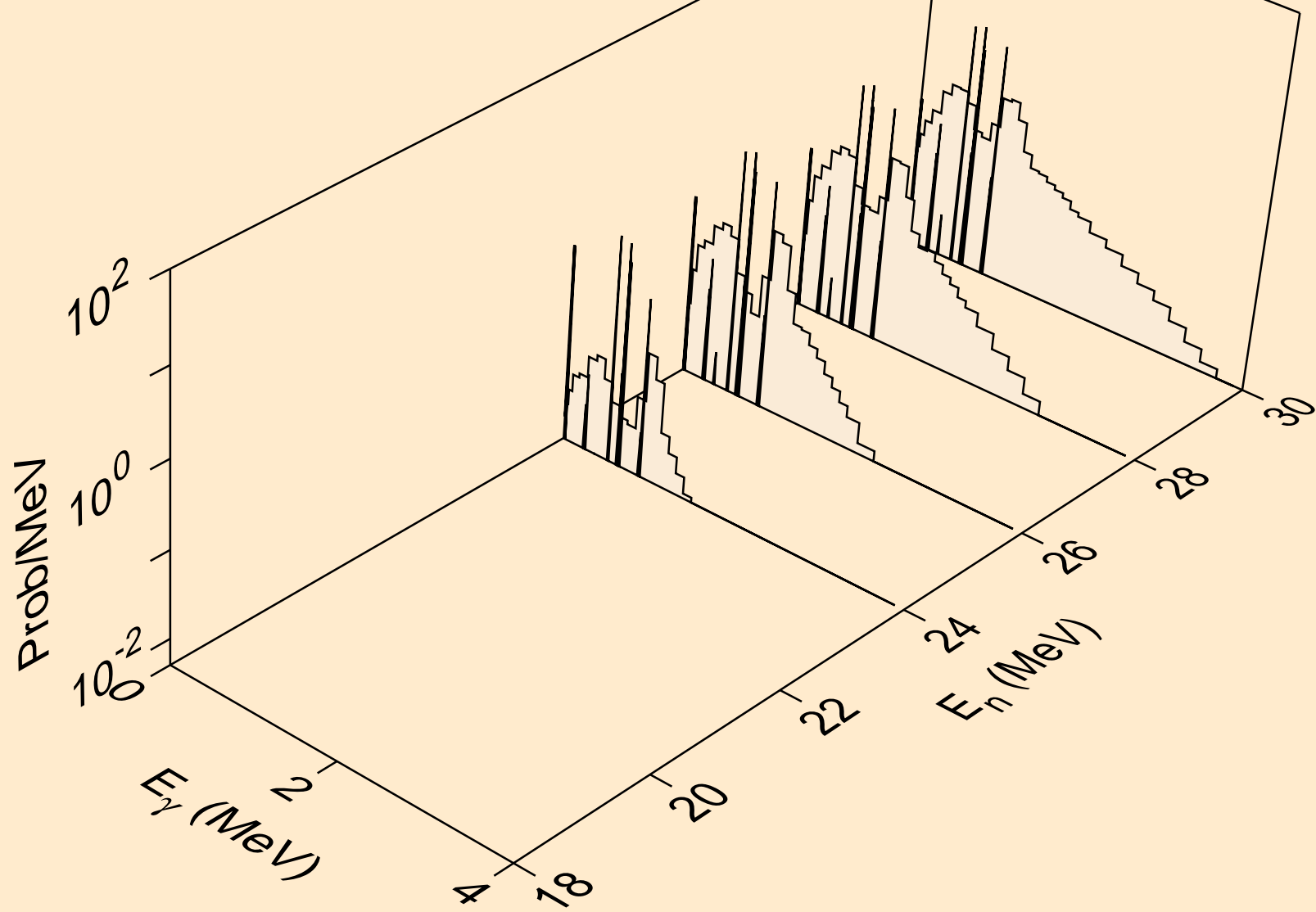
SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

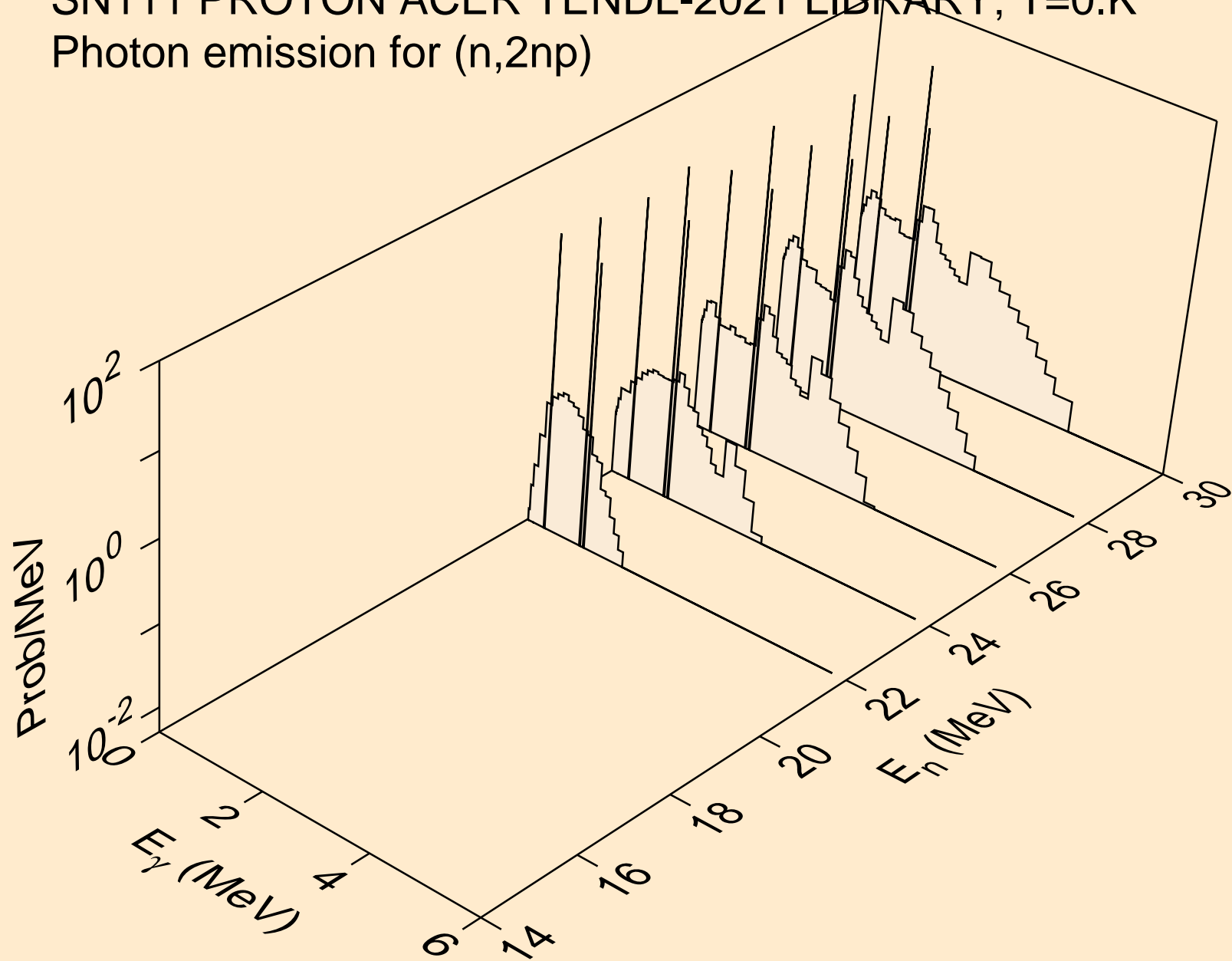


SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)

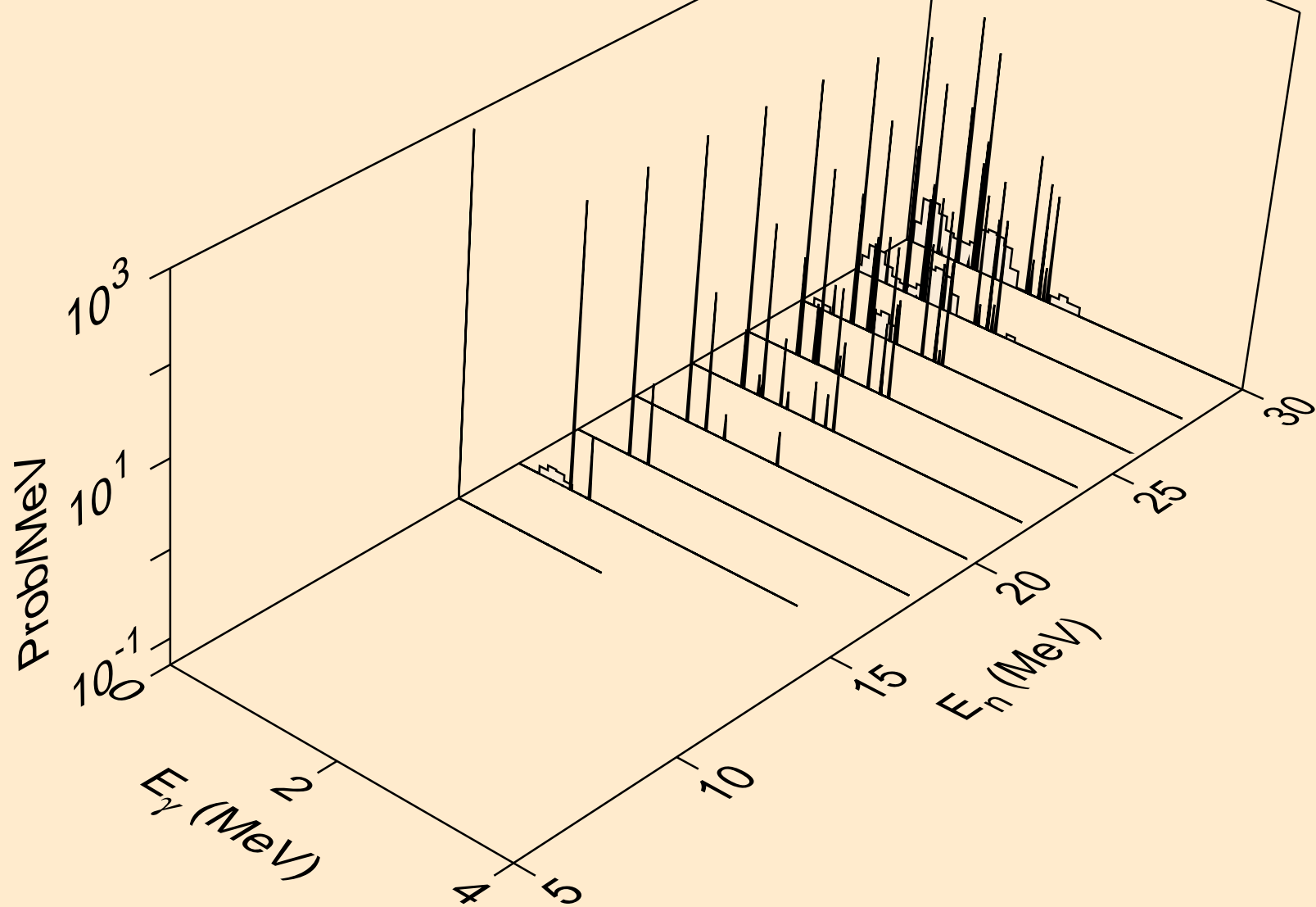




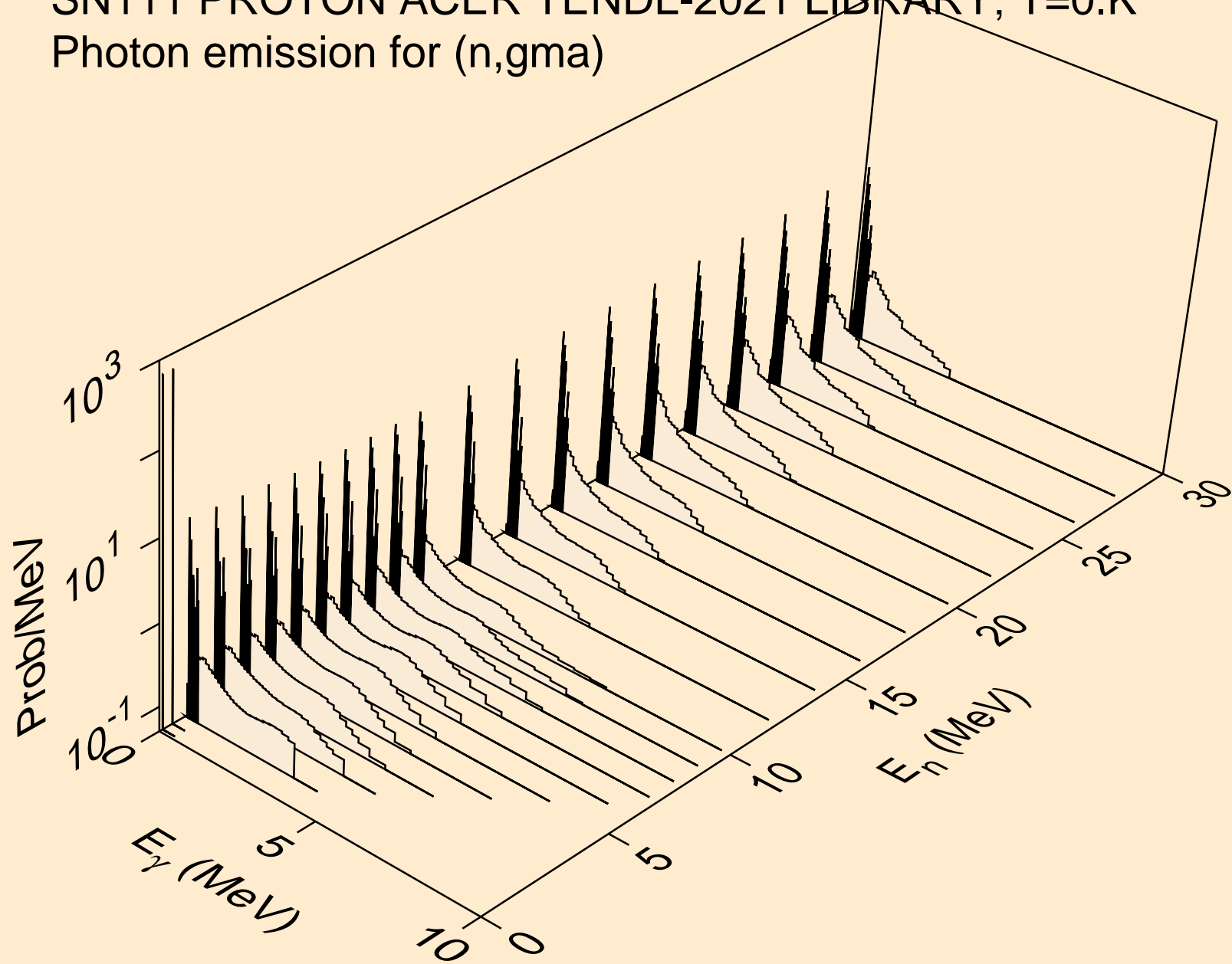
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Photon emission for (n,2np)



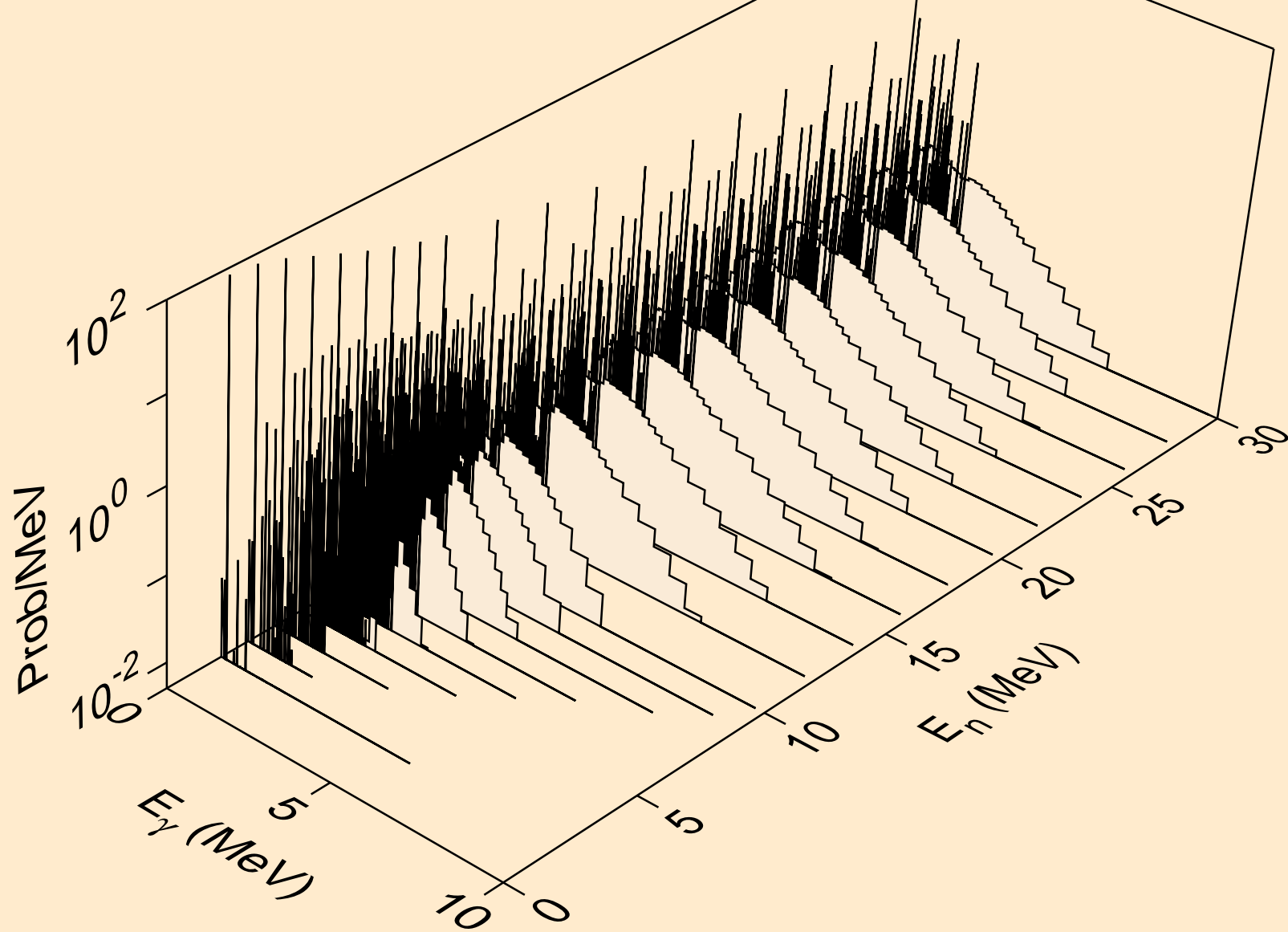
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Photon emission for (n,npa)



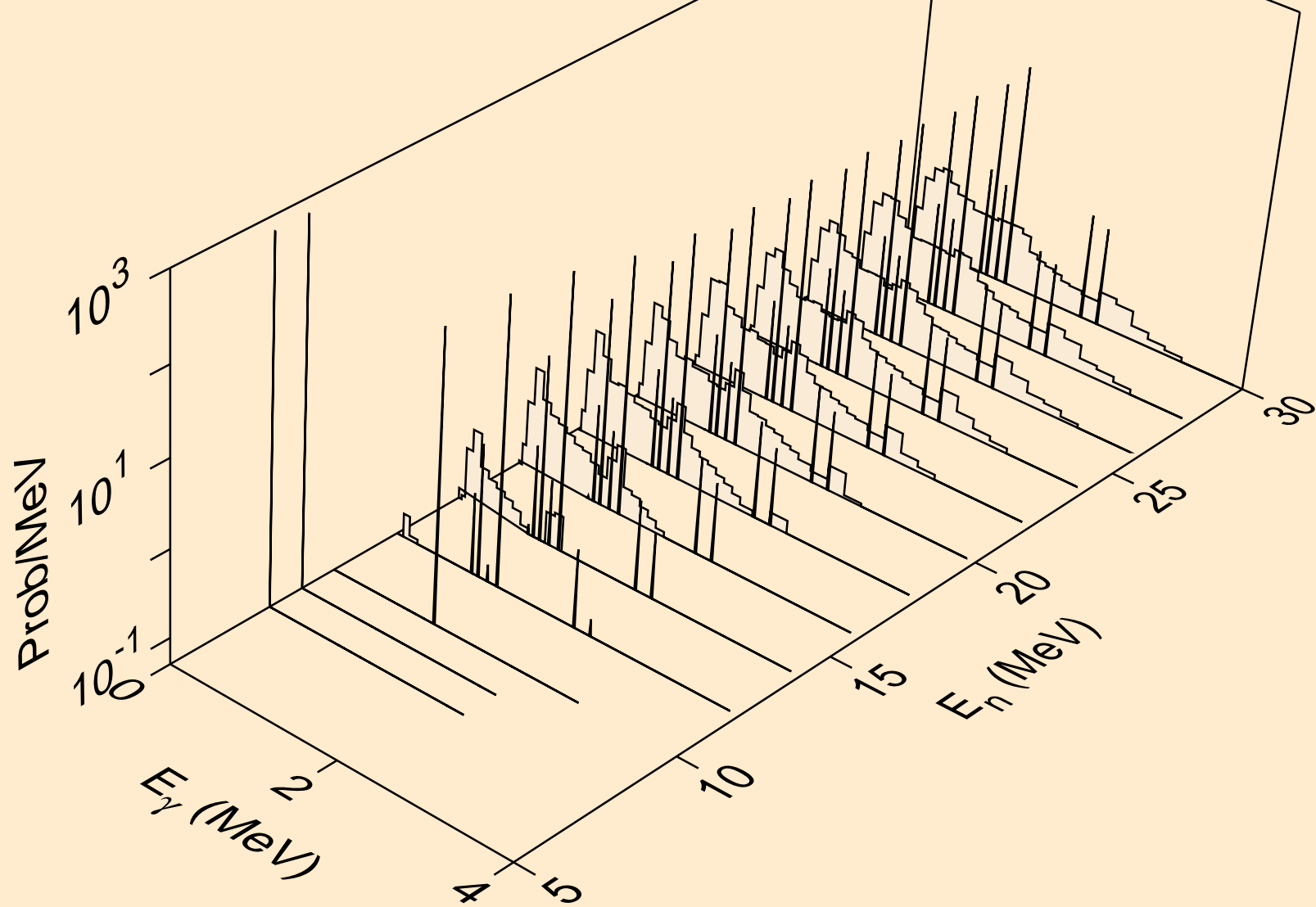
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Photon emission for (n,gma)



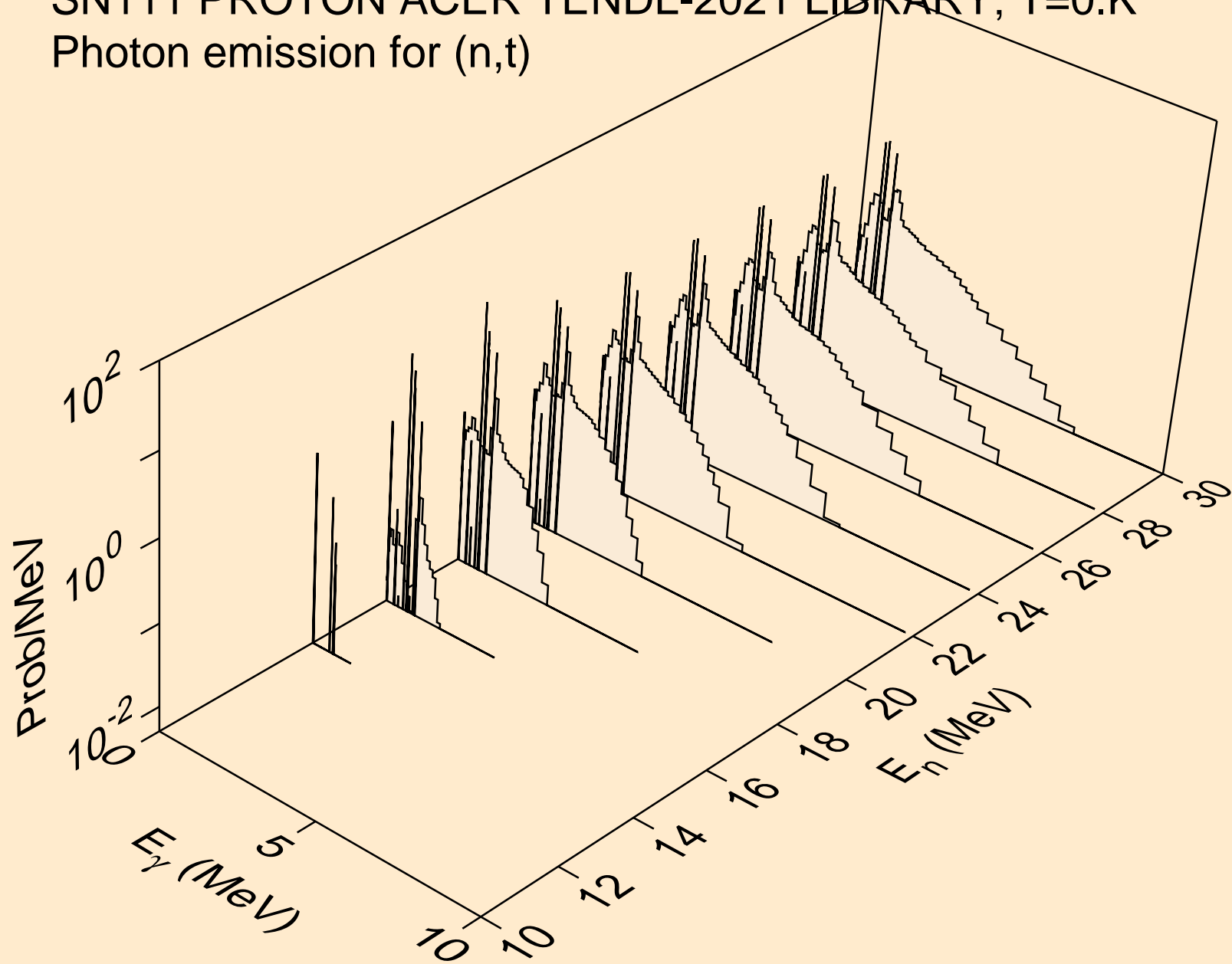
SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



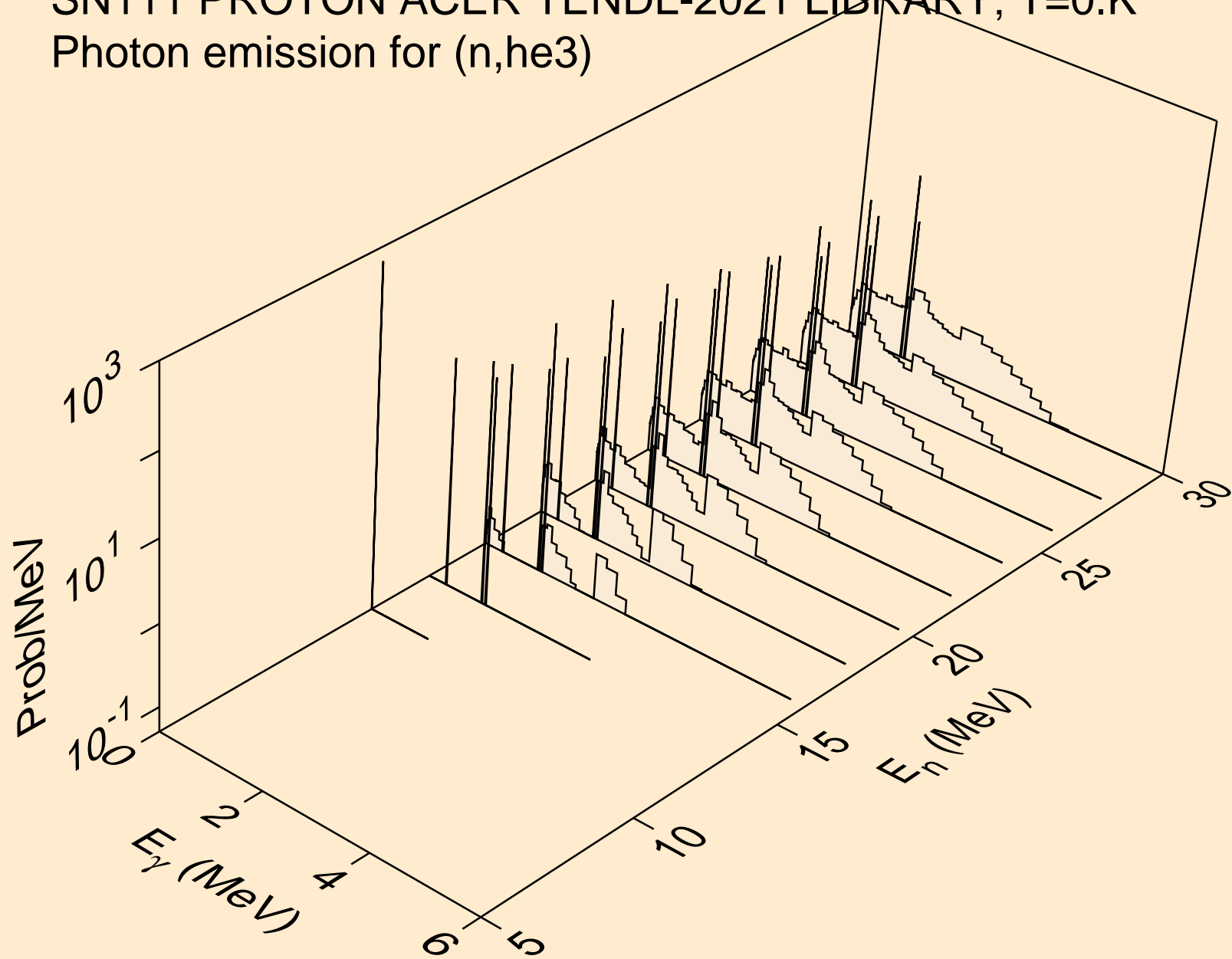
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Photon emission for (n,d)



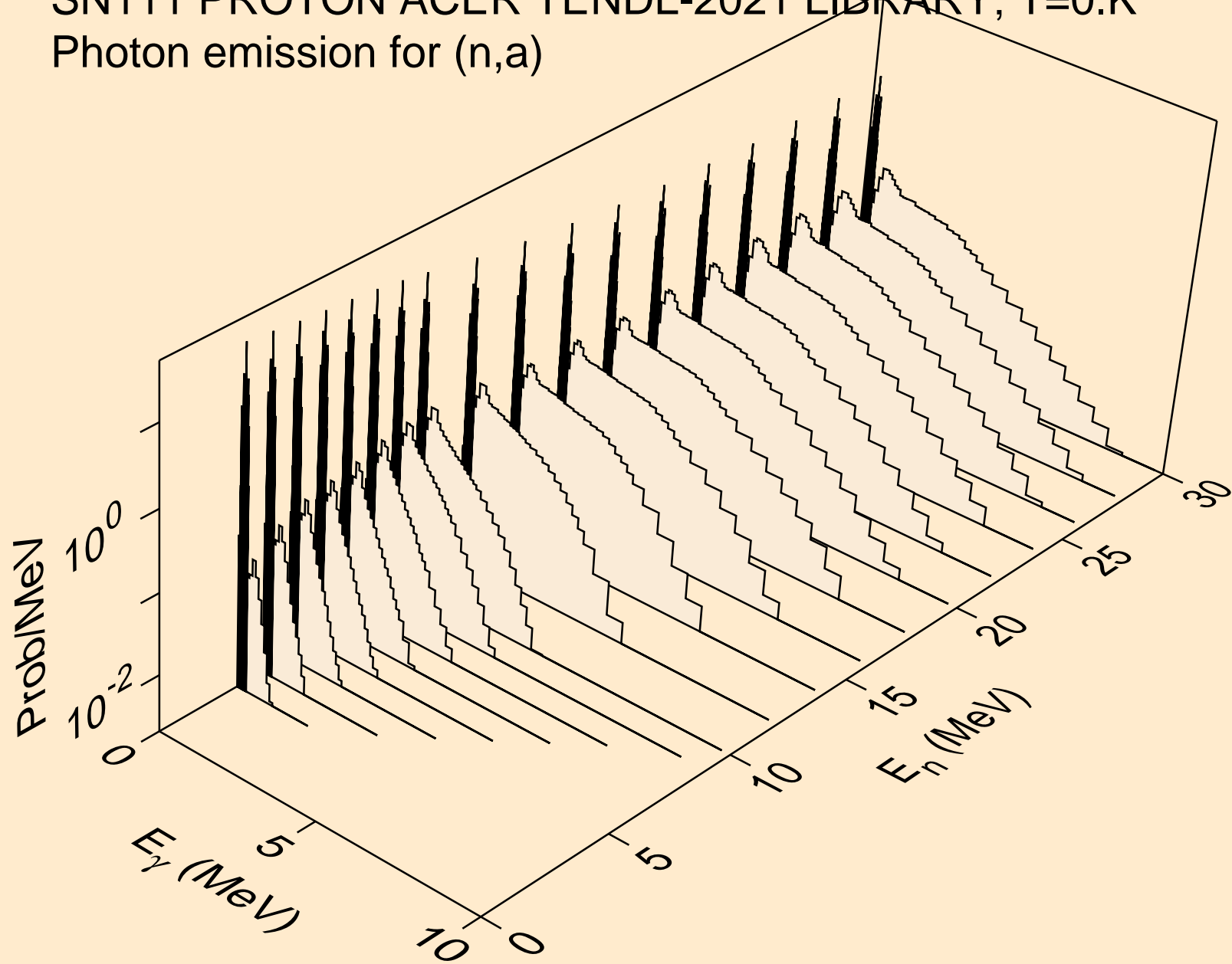
SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)



SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,he3)

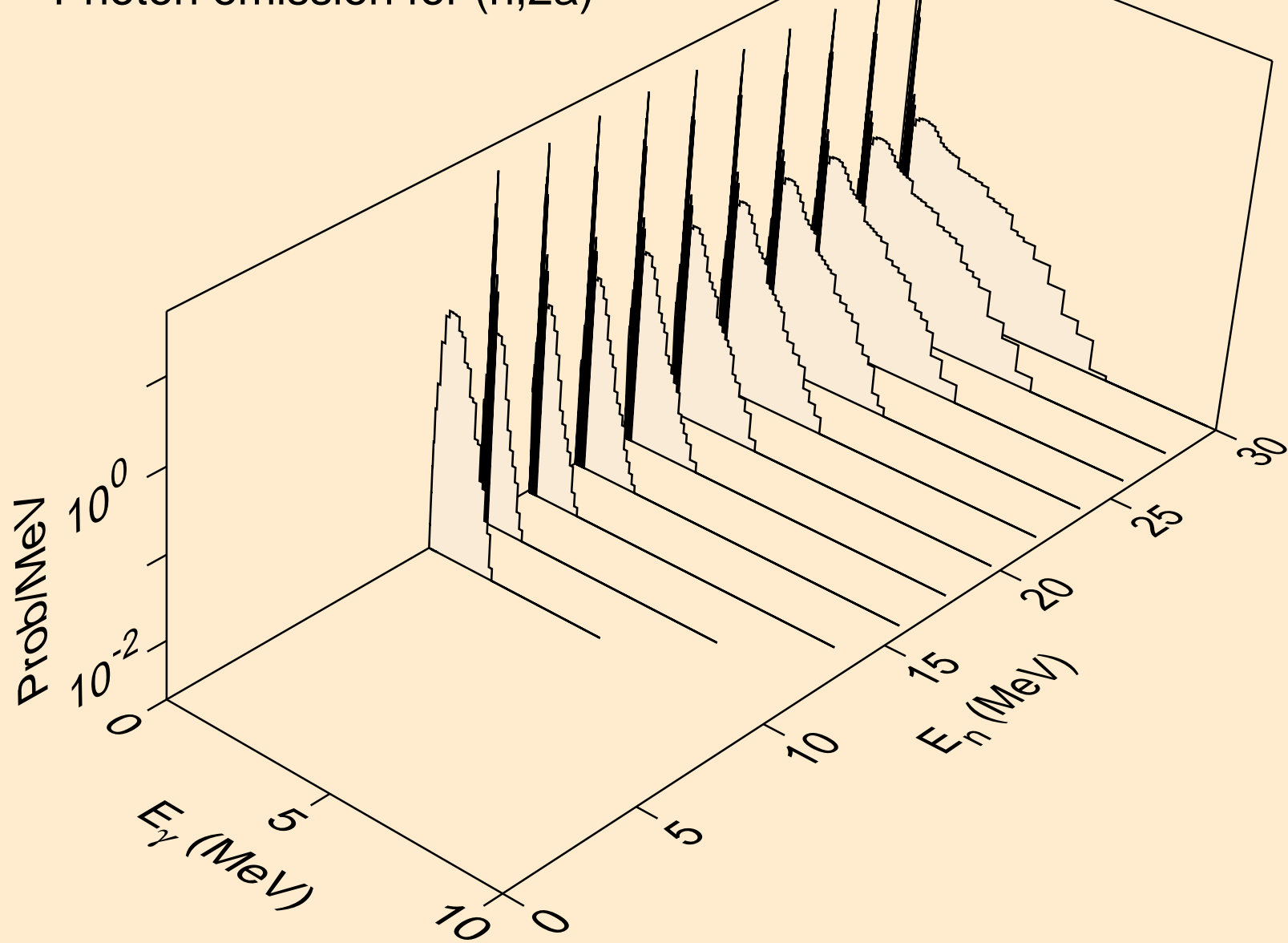


SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,a)

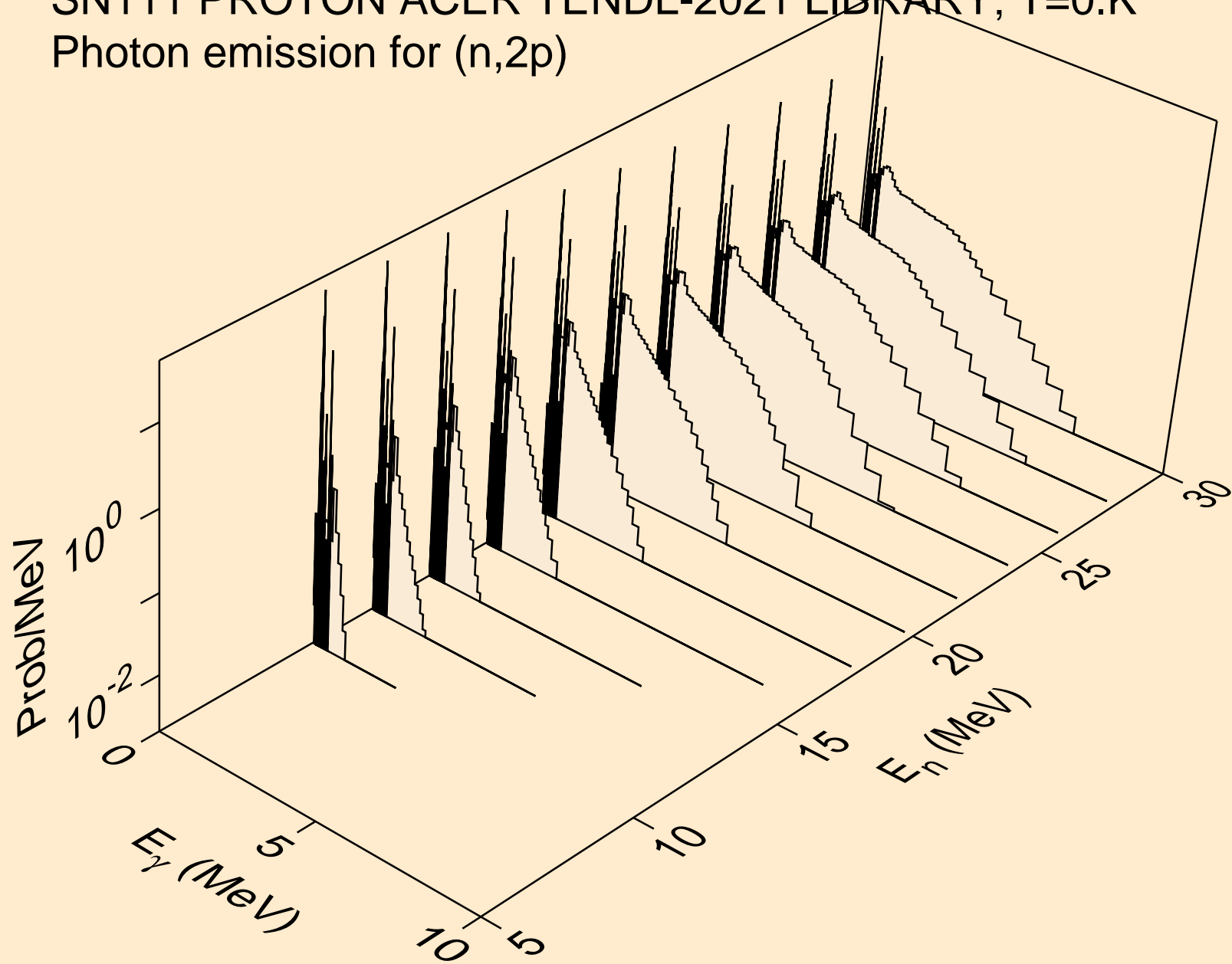




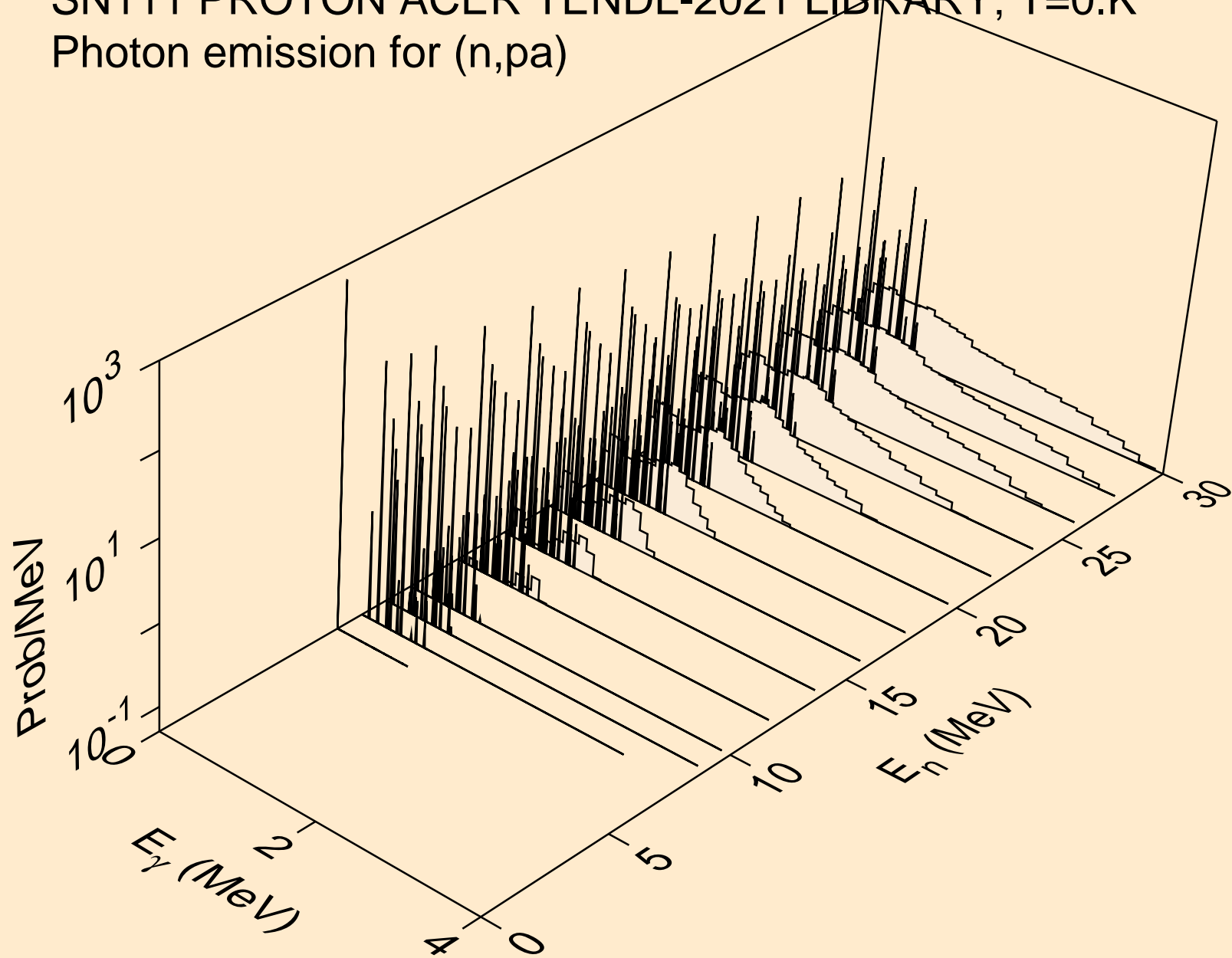
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Photon emission for (n,2a)



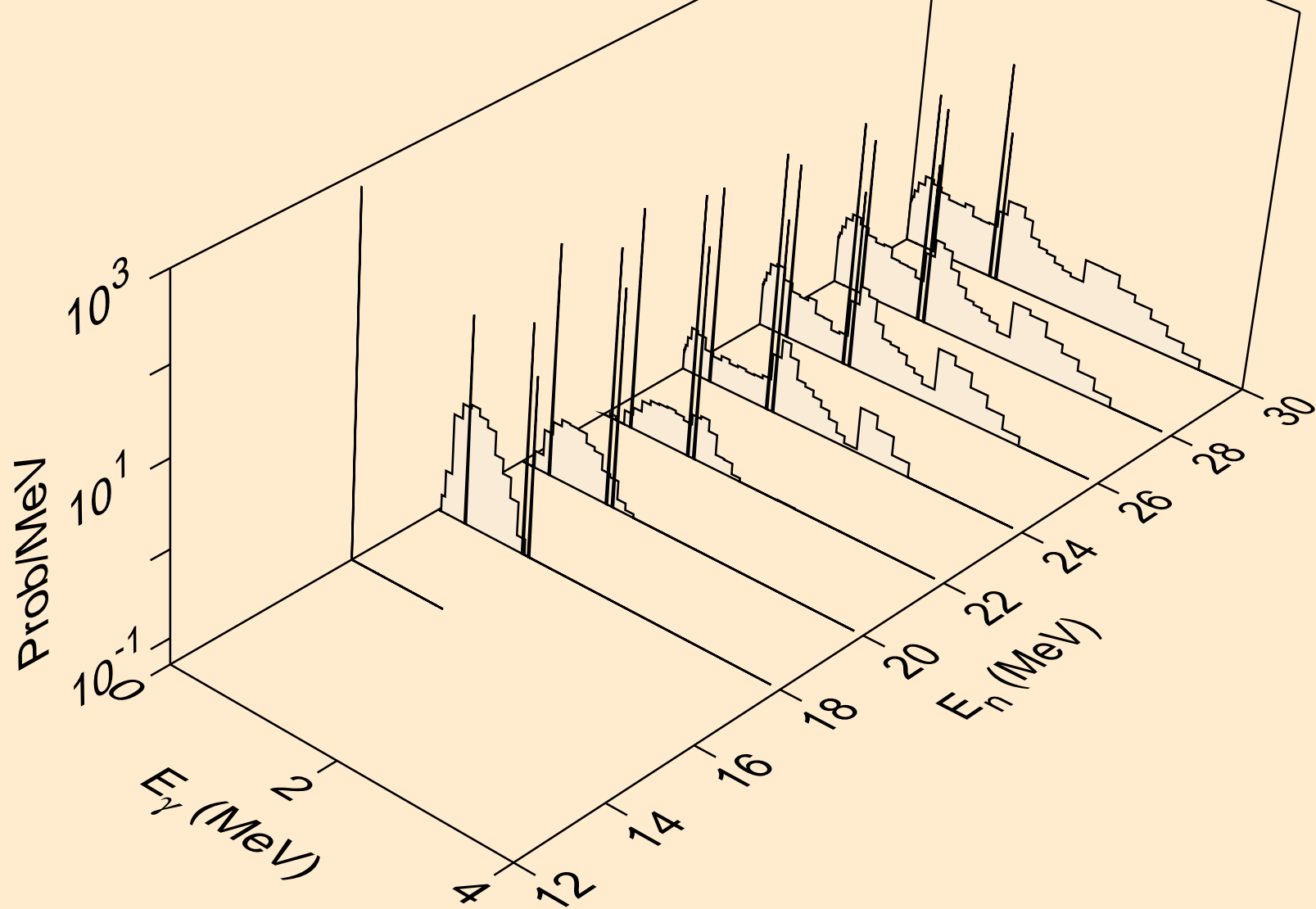
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Photon emission for (n,2p)



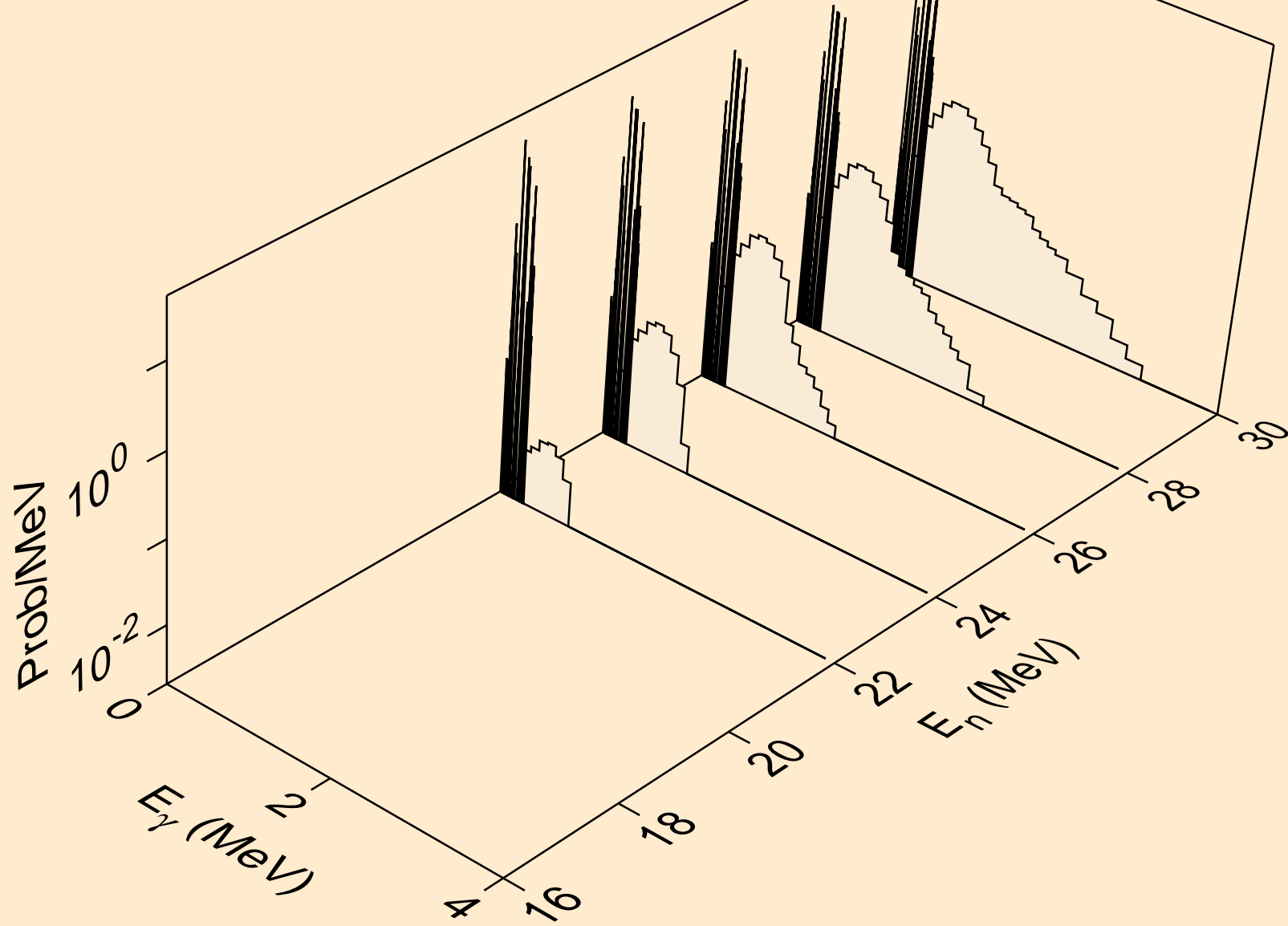
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Photon emission for (n,pa)



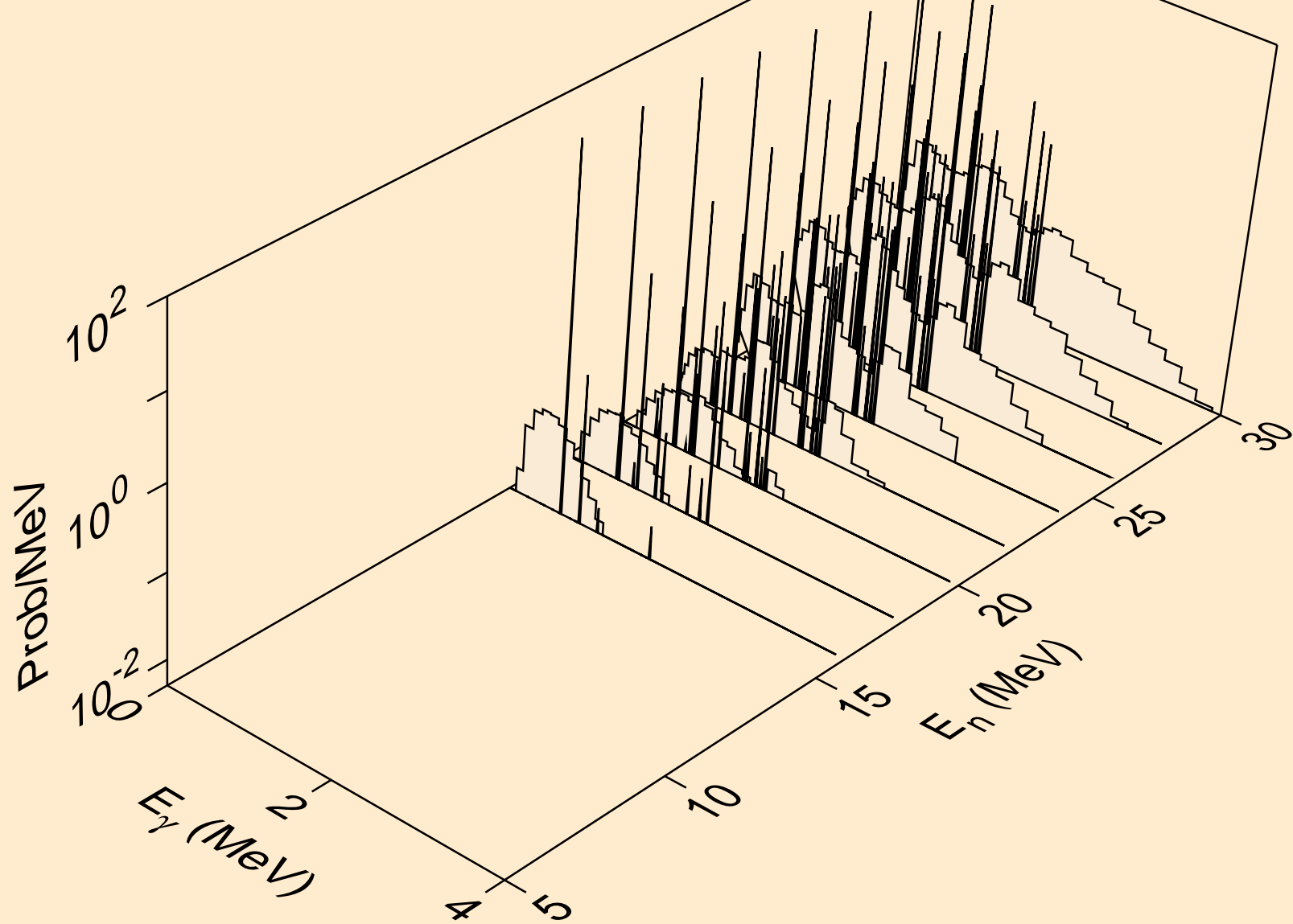
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Photon emission for (n,pd)



SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)

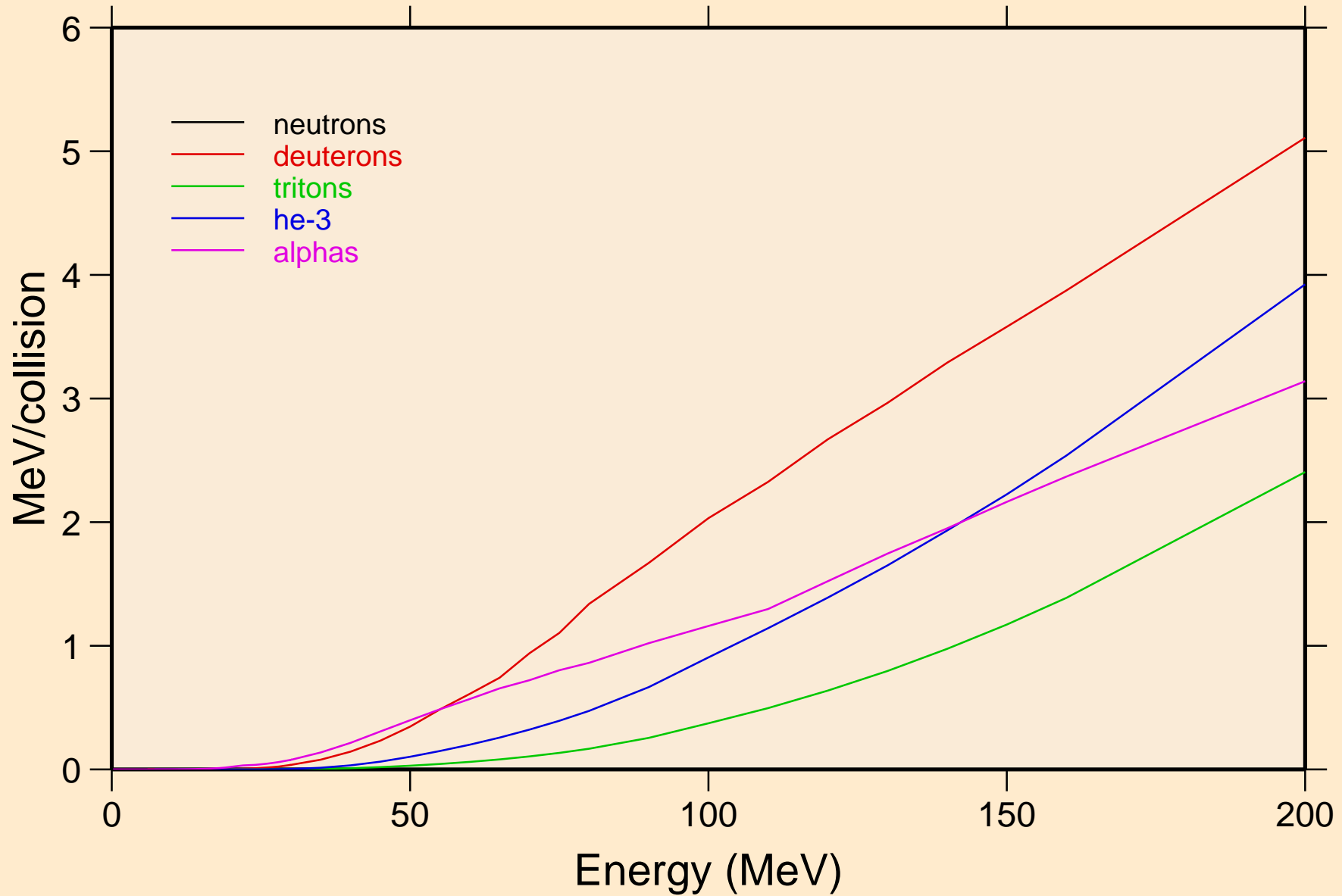


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Photon emission for (n,da)

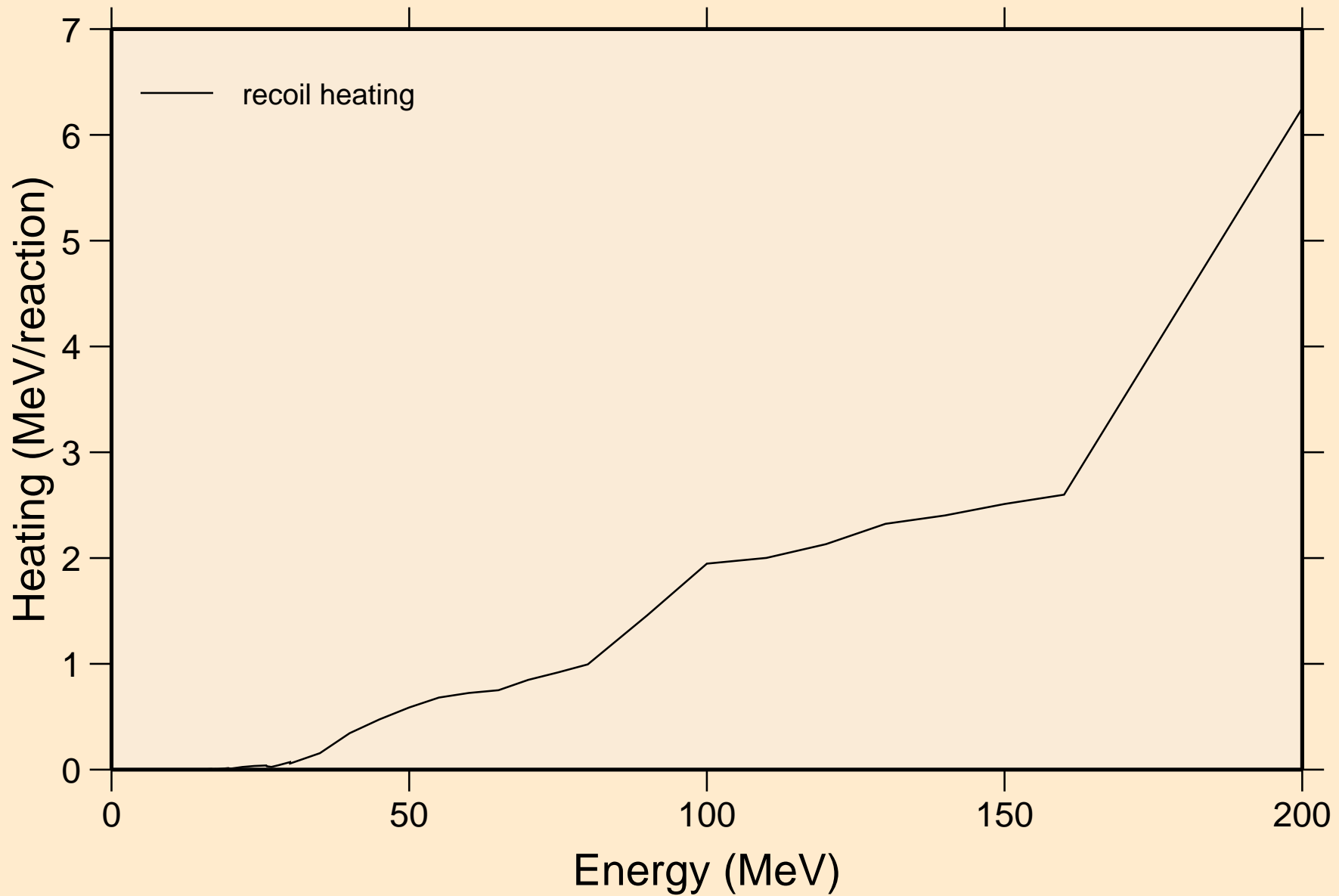


# SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Particle heating contributions



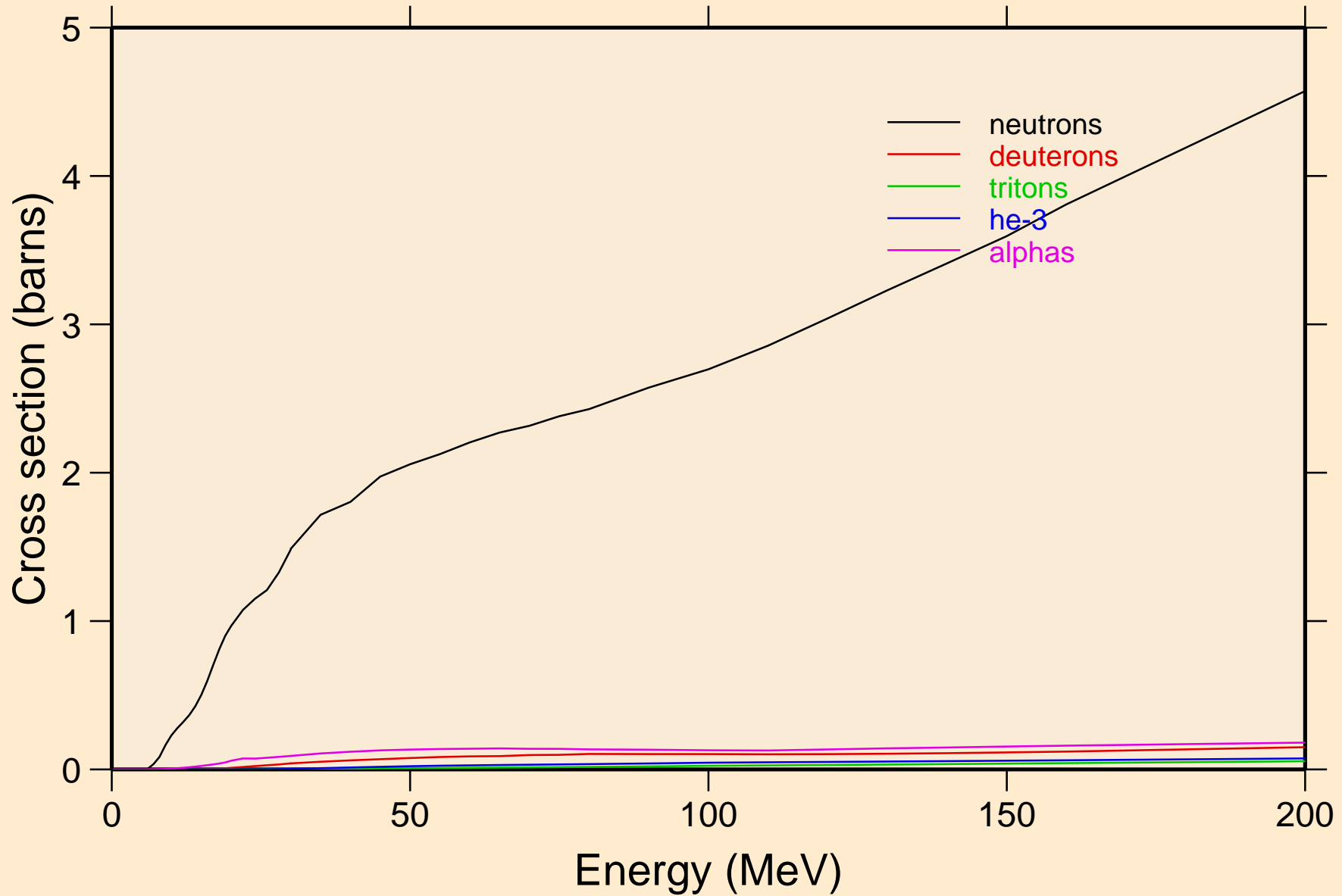
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Recoil Heating



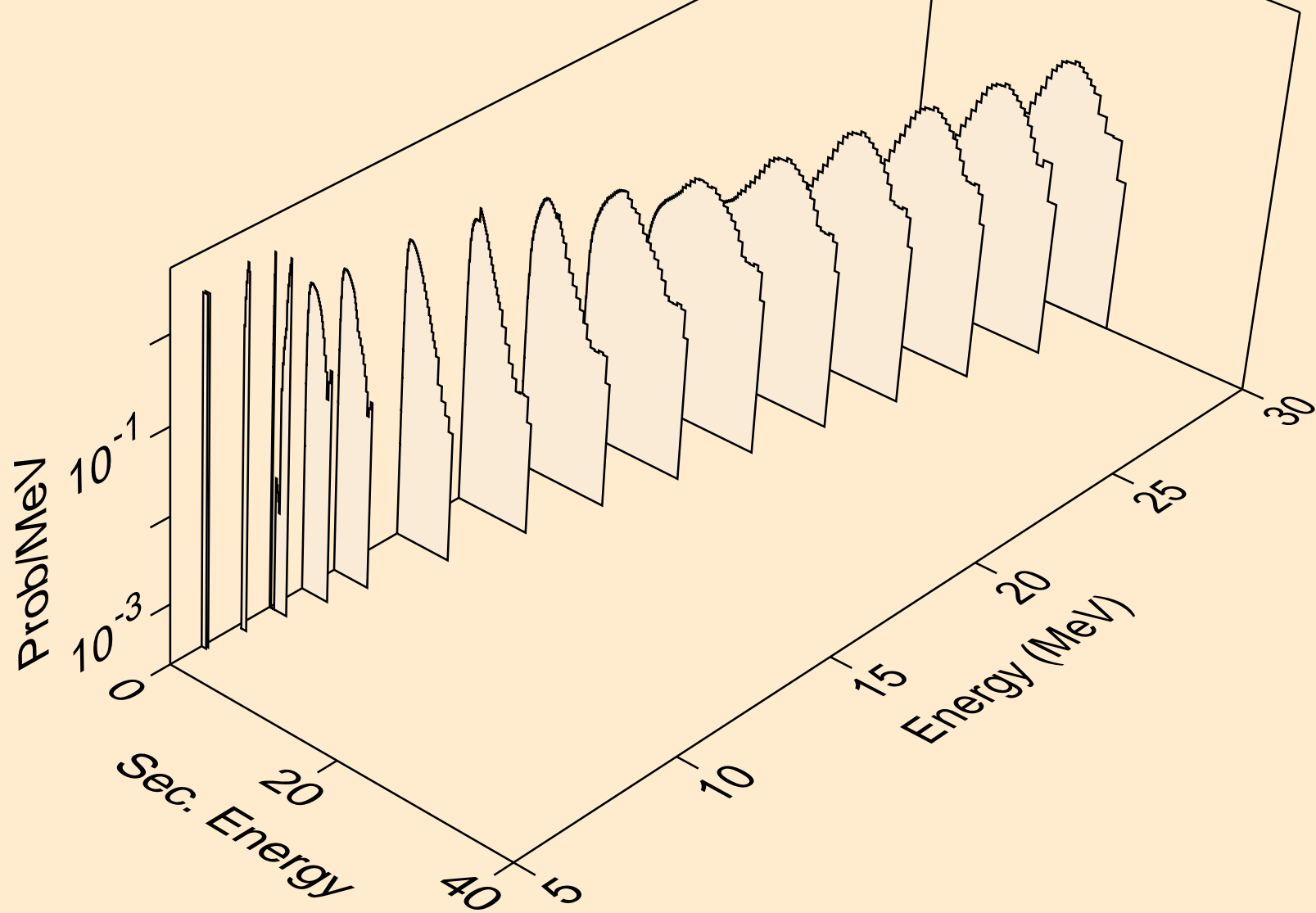


# SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K

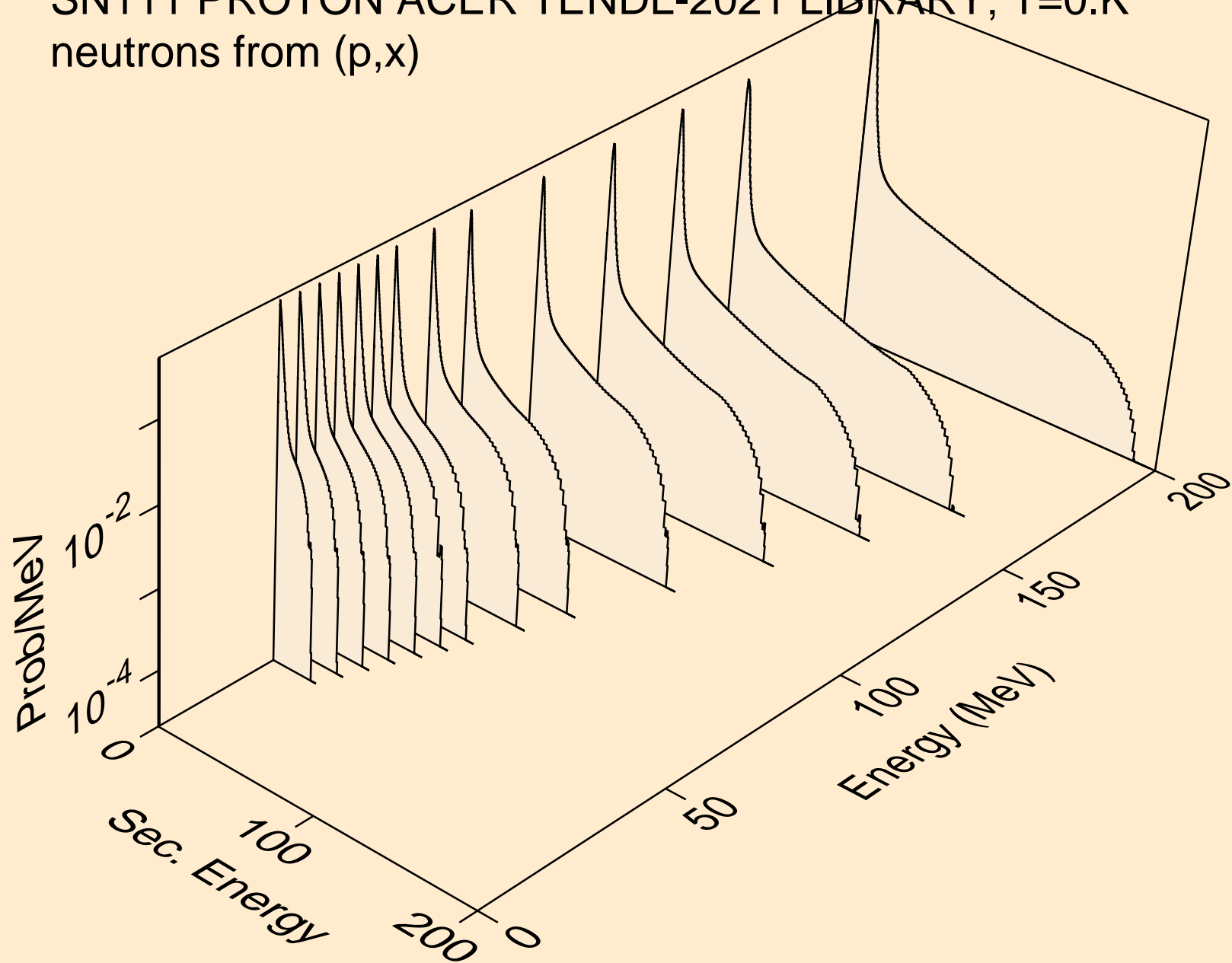
## Particle production cross sections



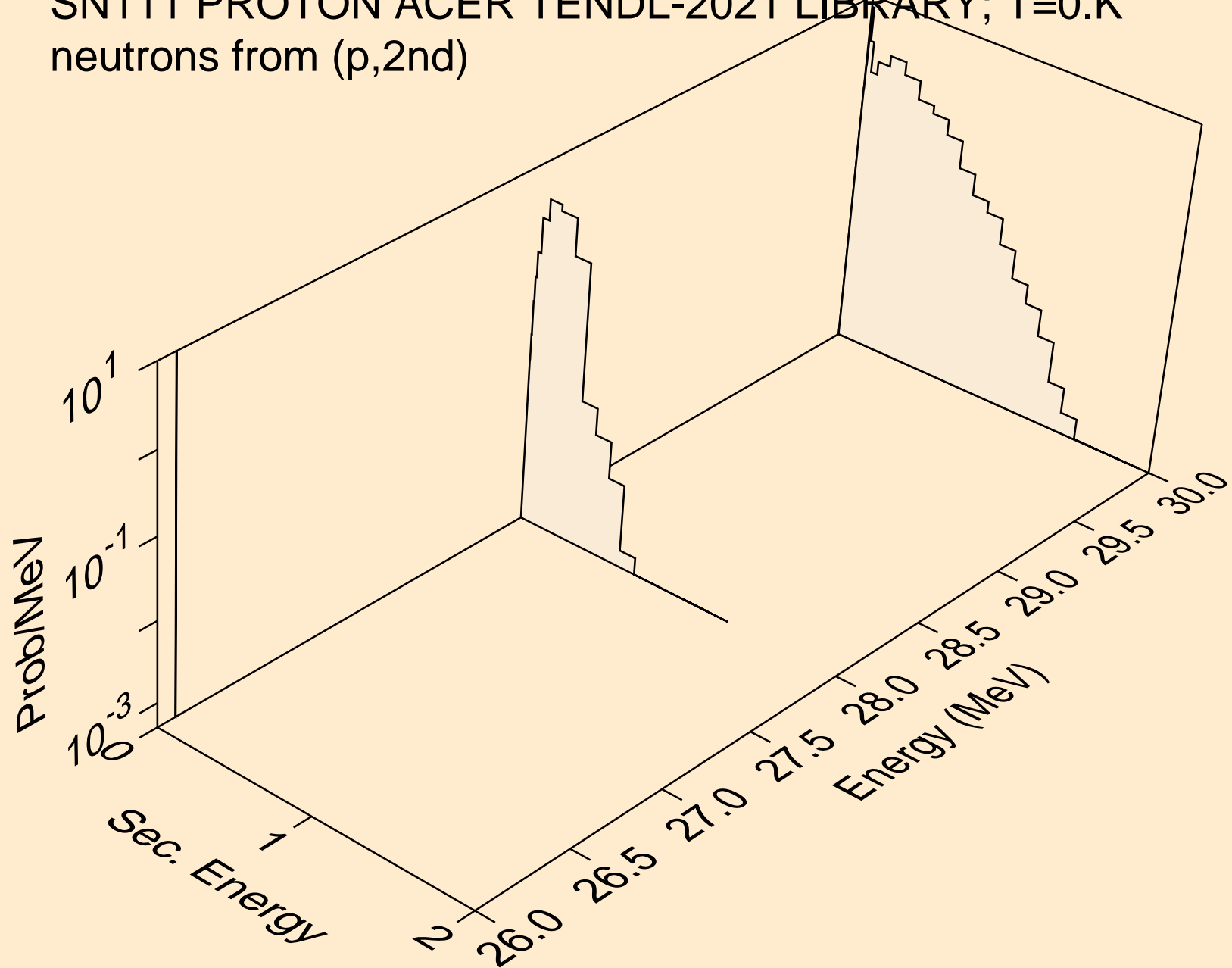
SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n)



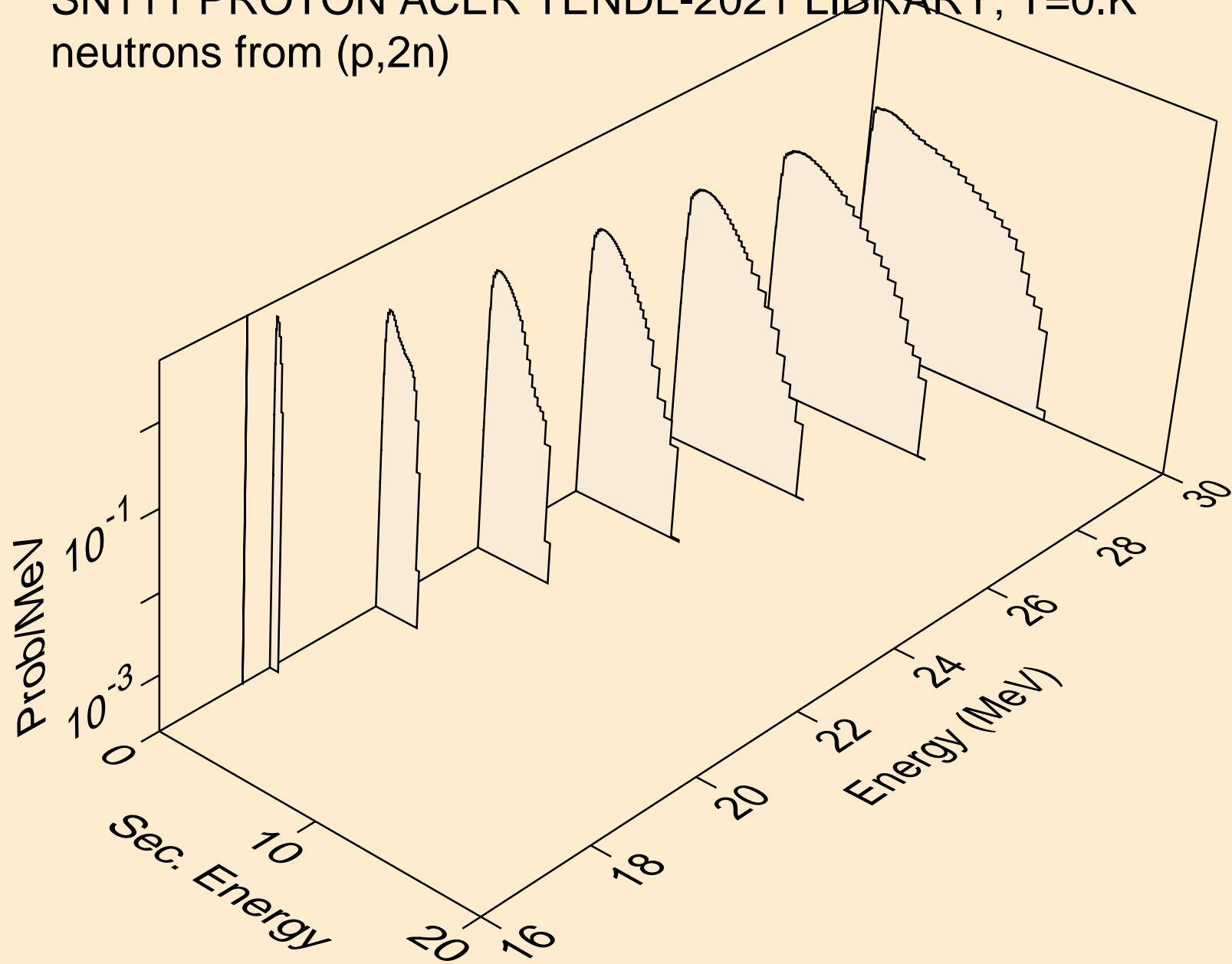
SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,x)



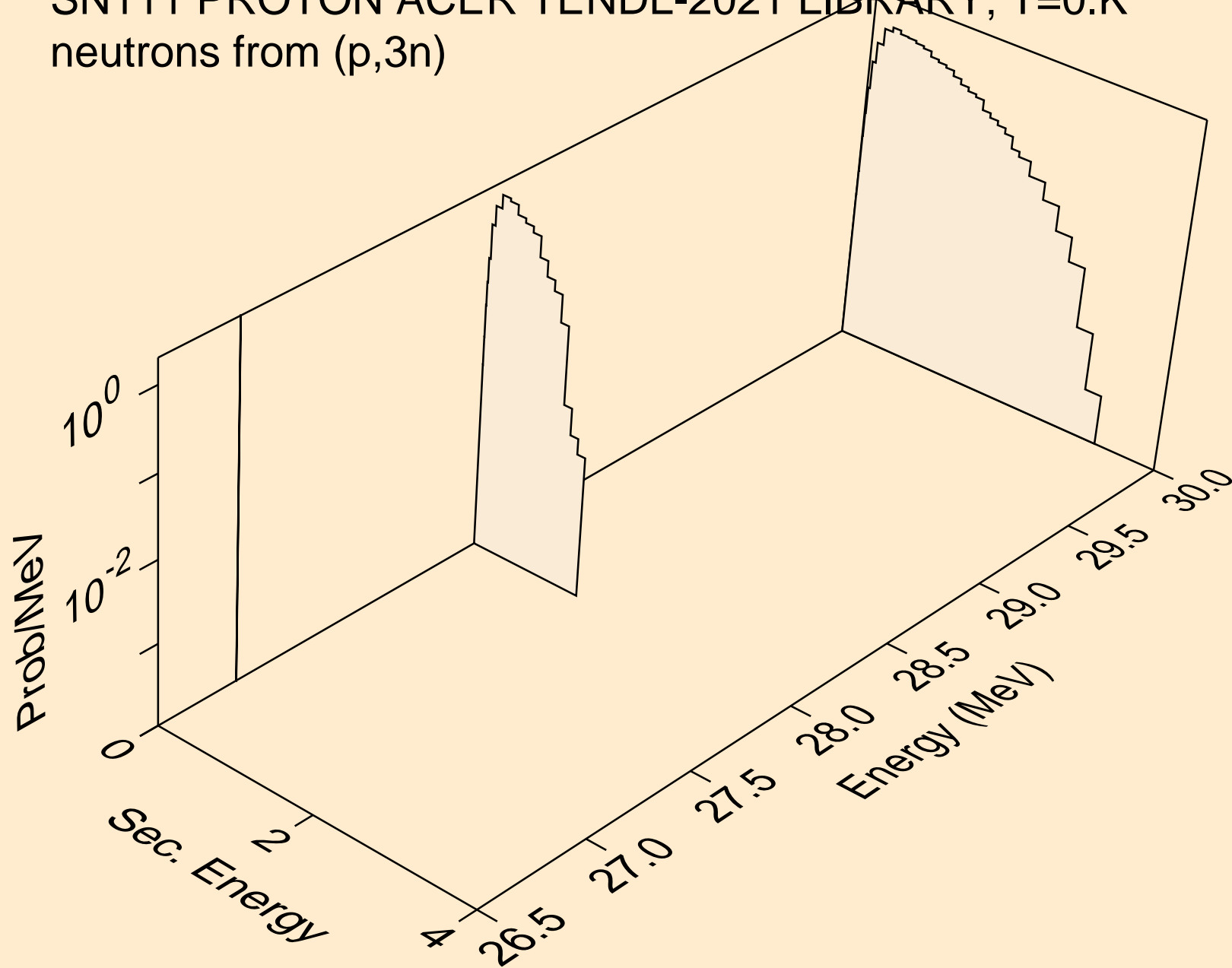
SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2nd)



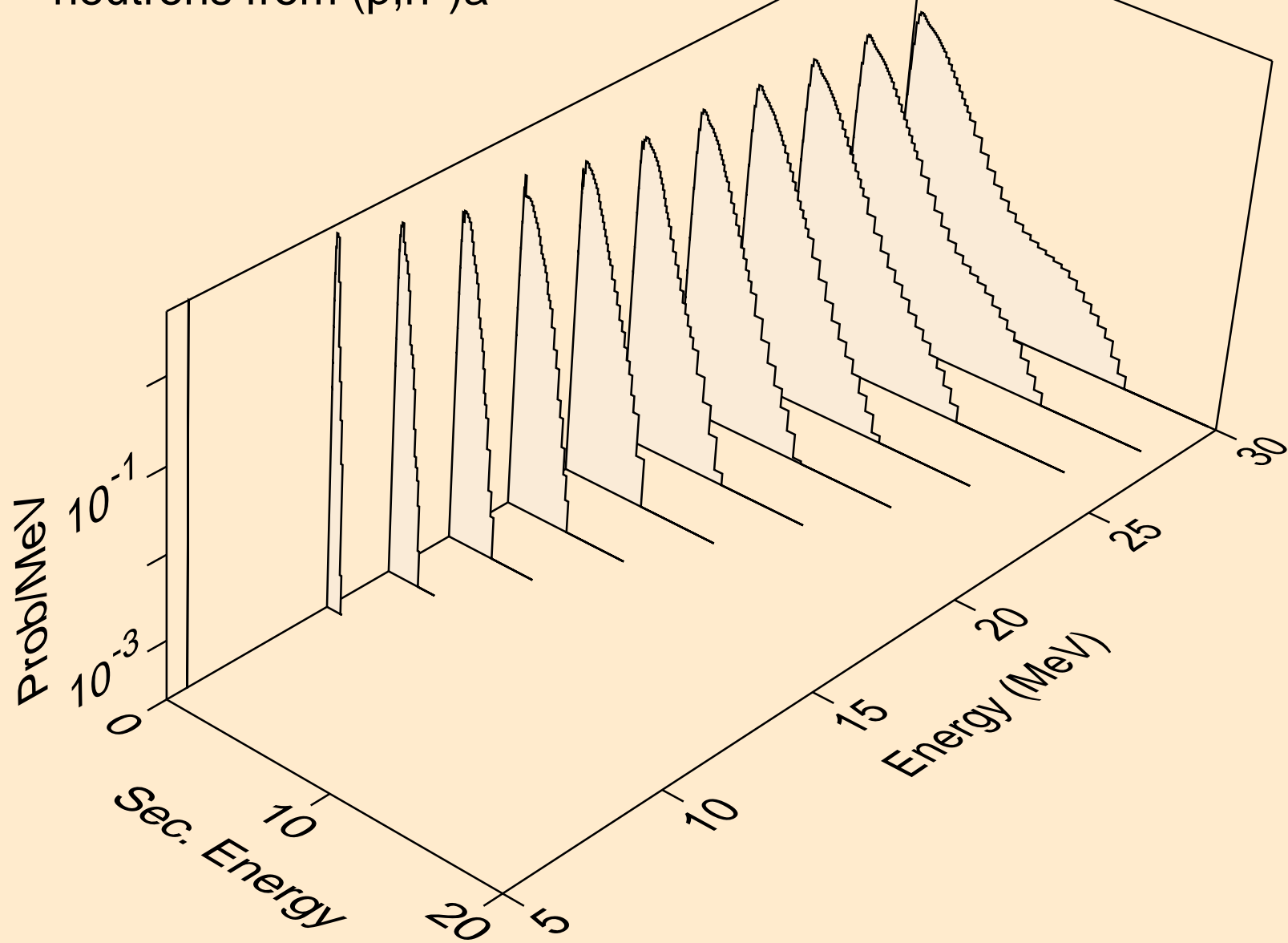
SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2n)



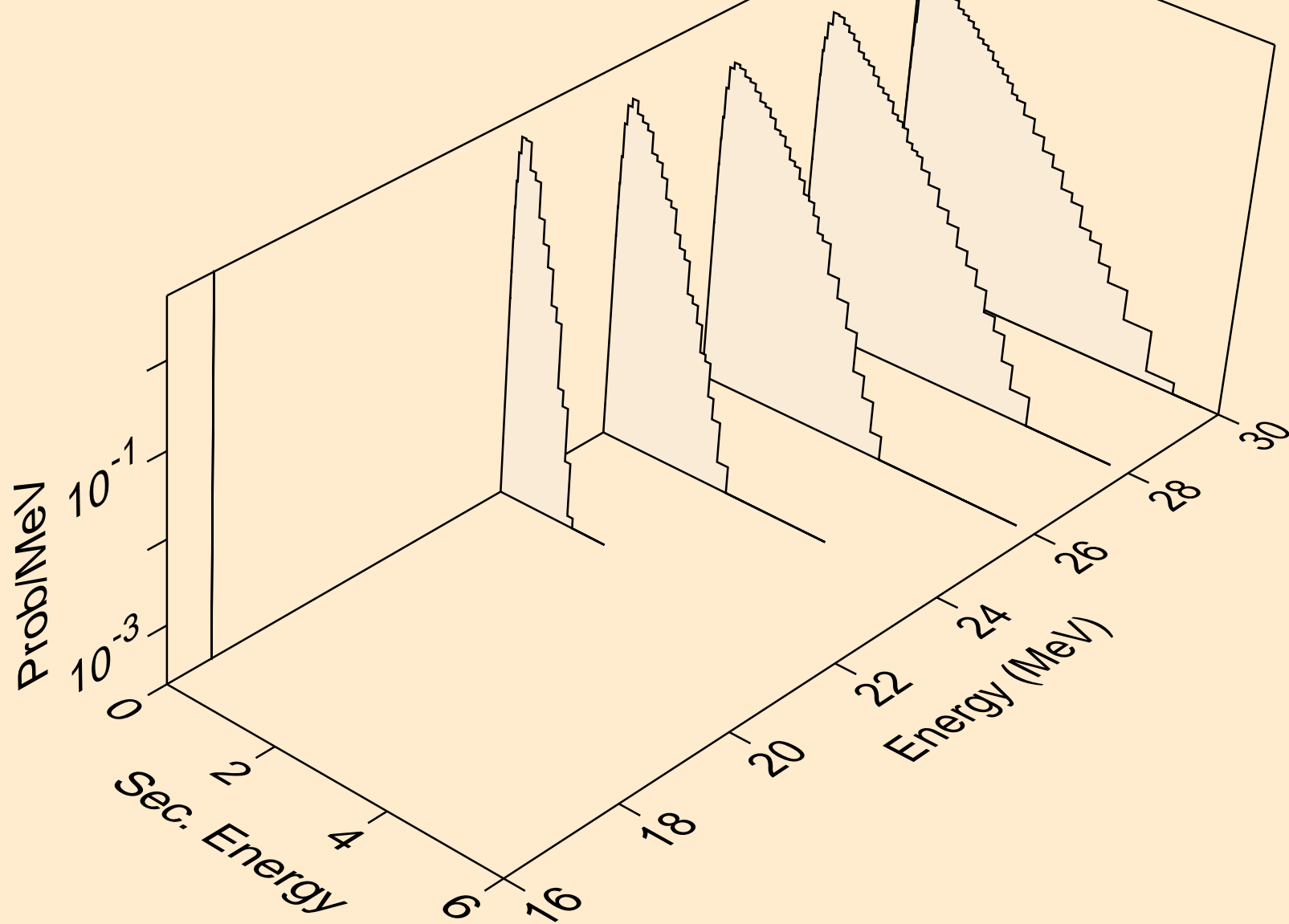
SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,3n)



SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)a

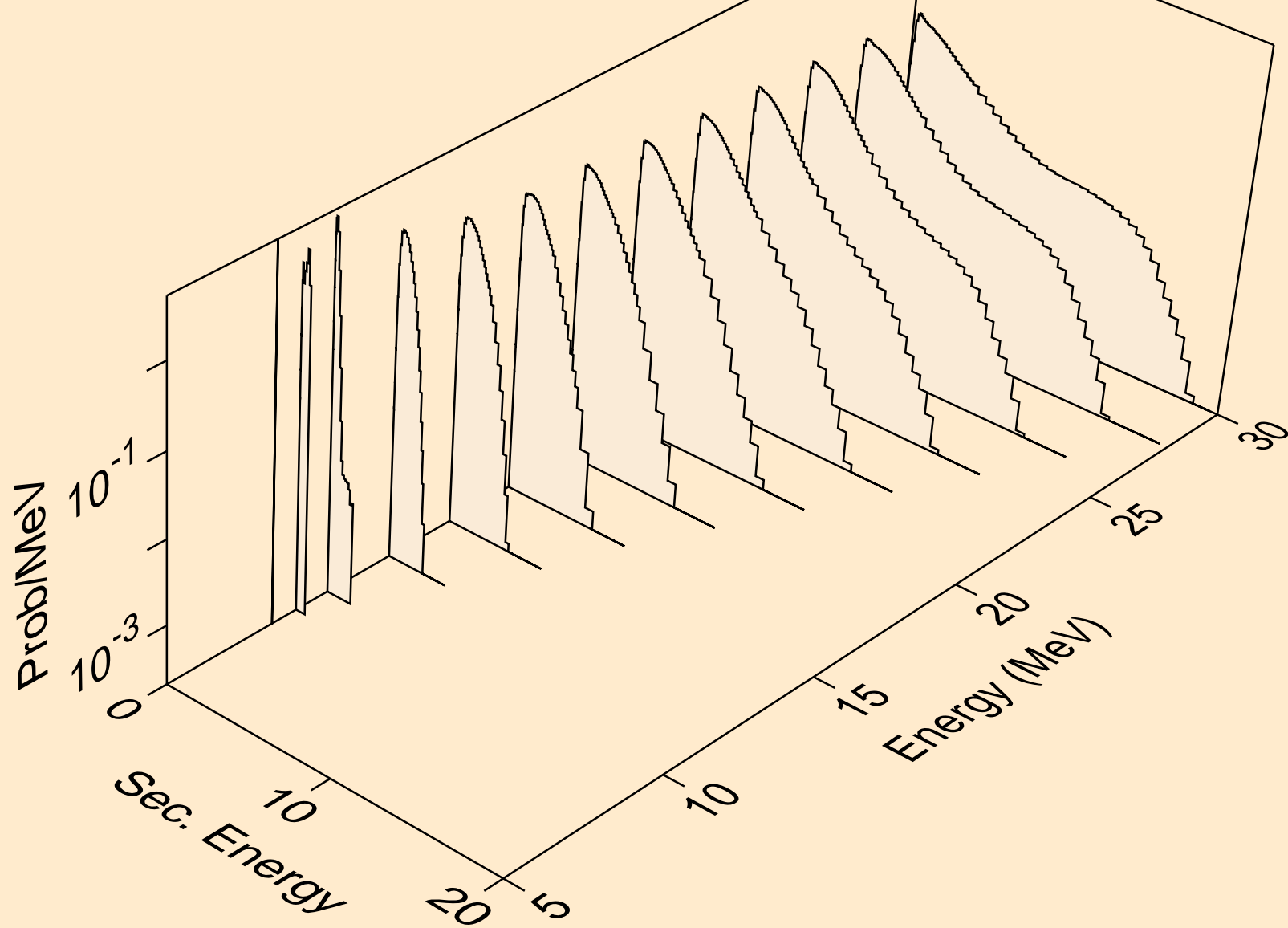


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neutrons from (p,2n)a

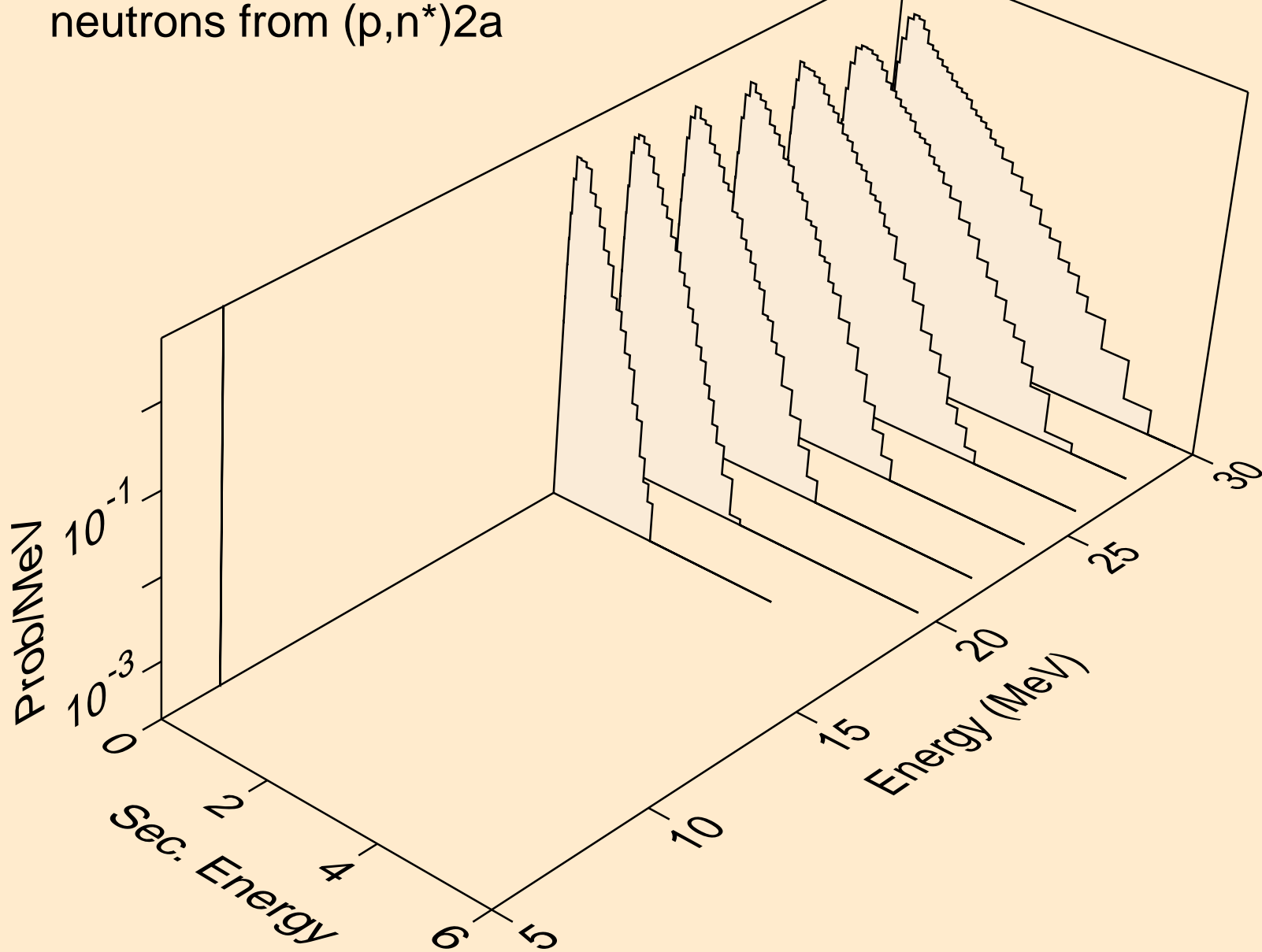




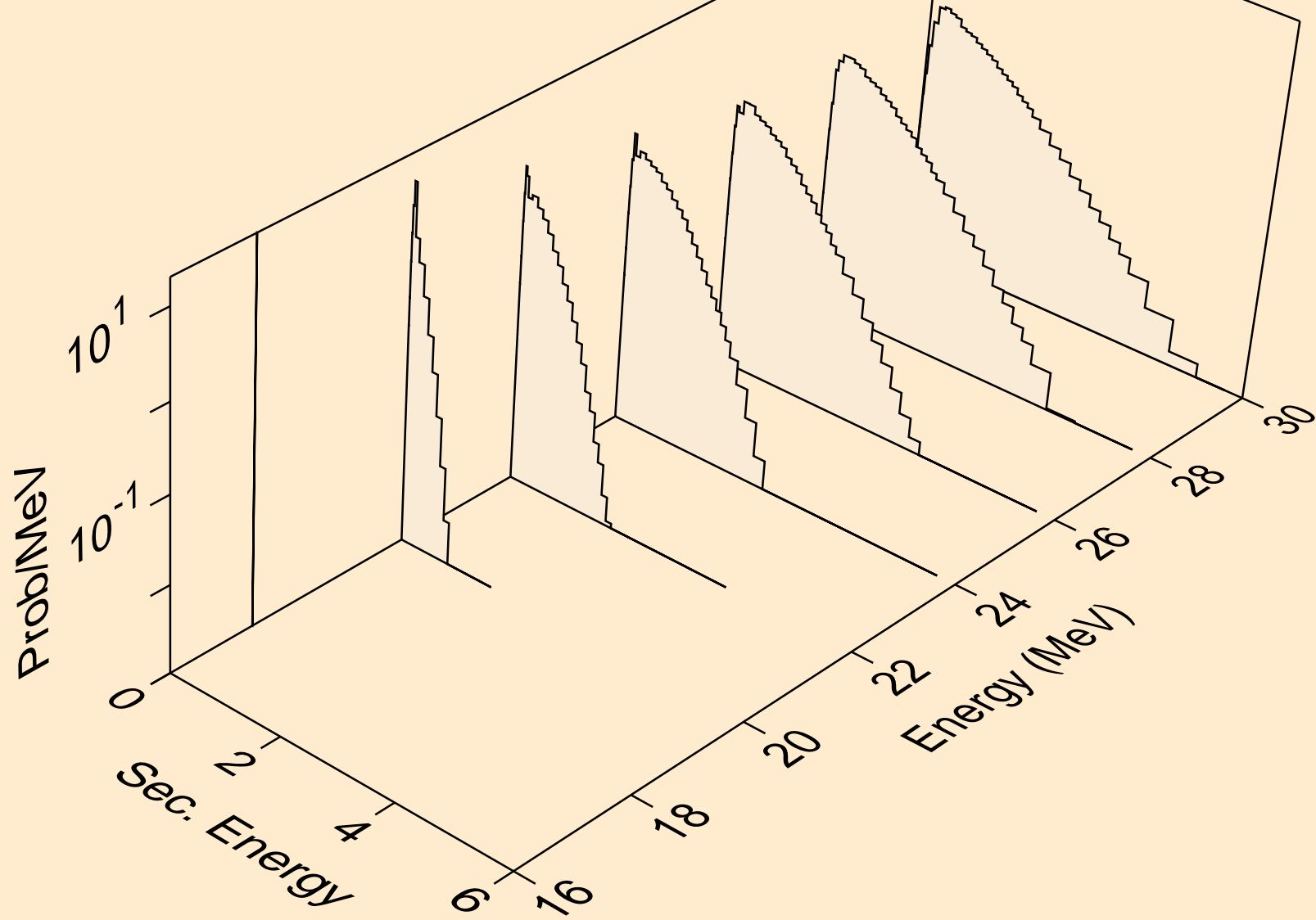
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neutrons from (p,n\*)p



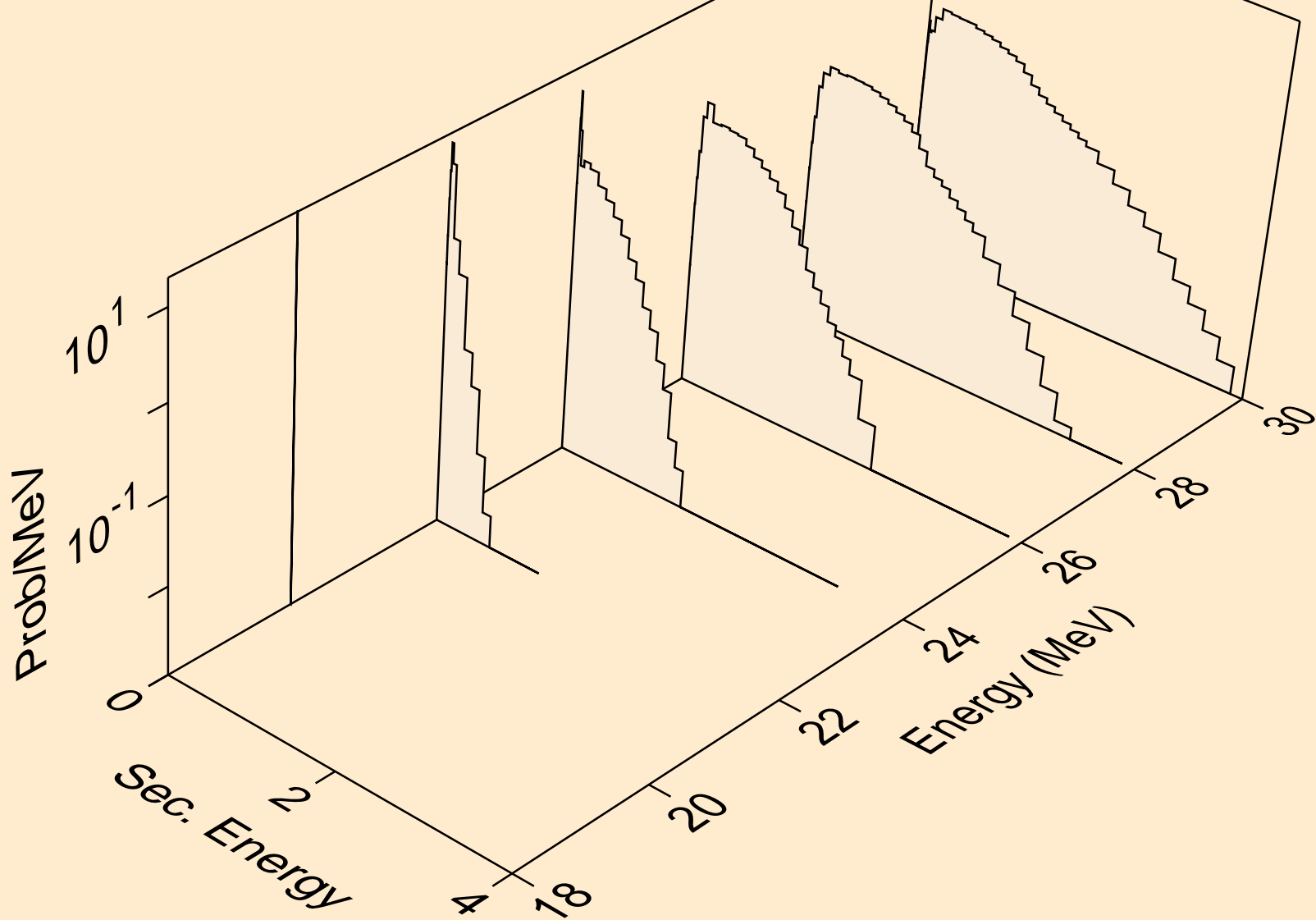
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neutrons from (p,n\*)2a



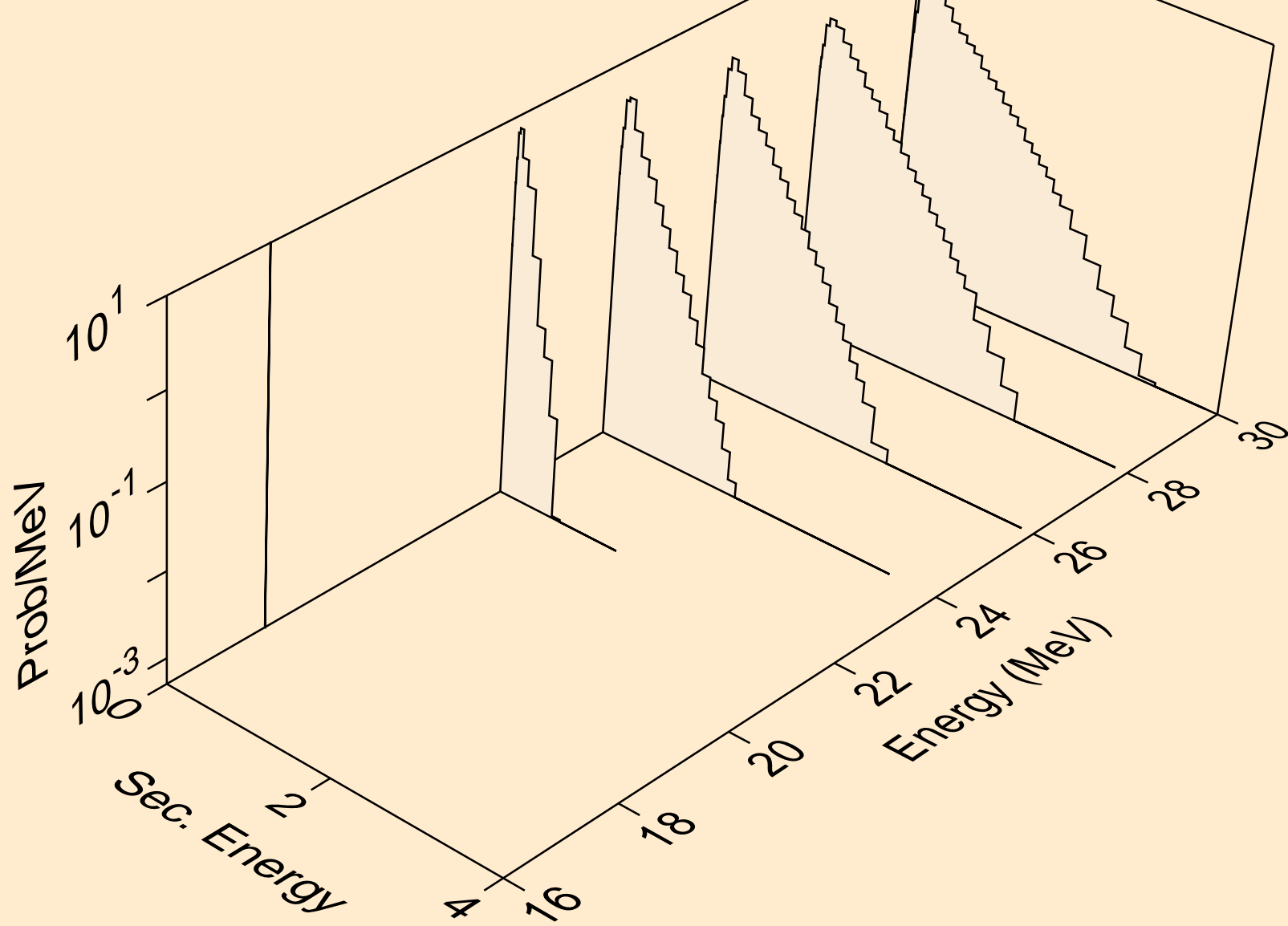
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neutrons from (p,n\*)d



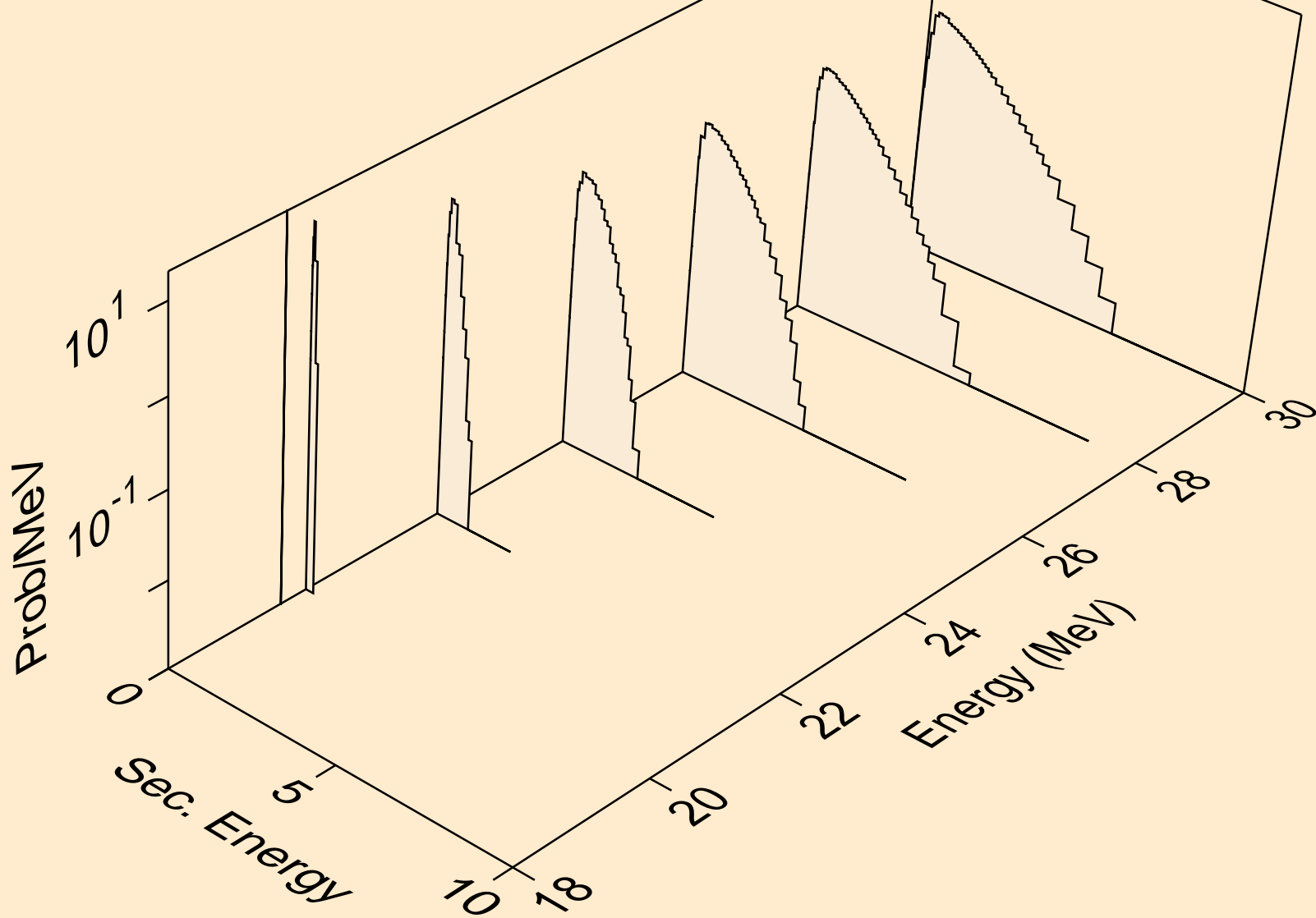
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neutrons from (p,n\*)t



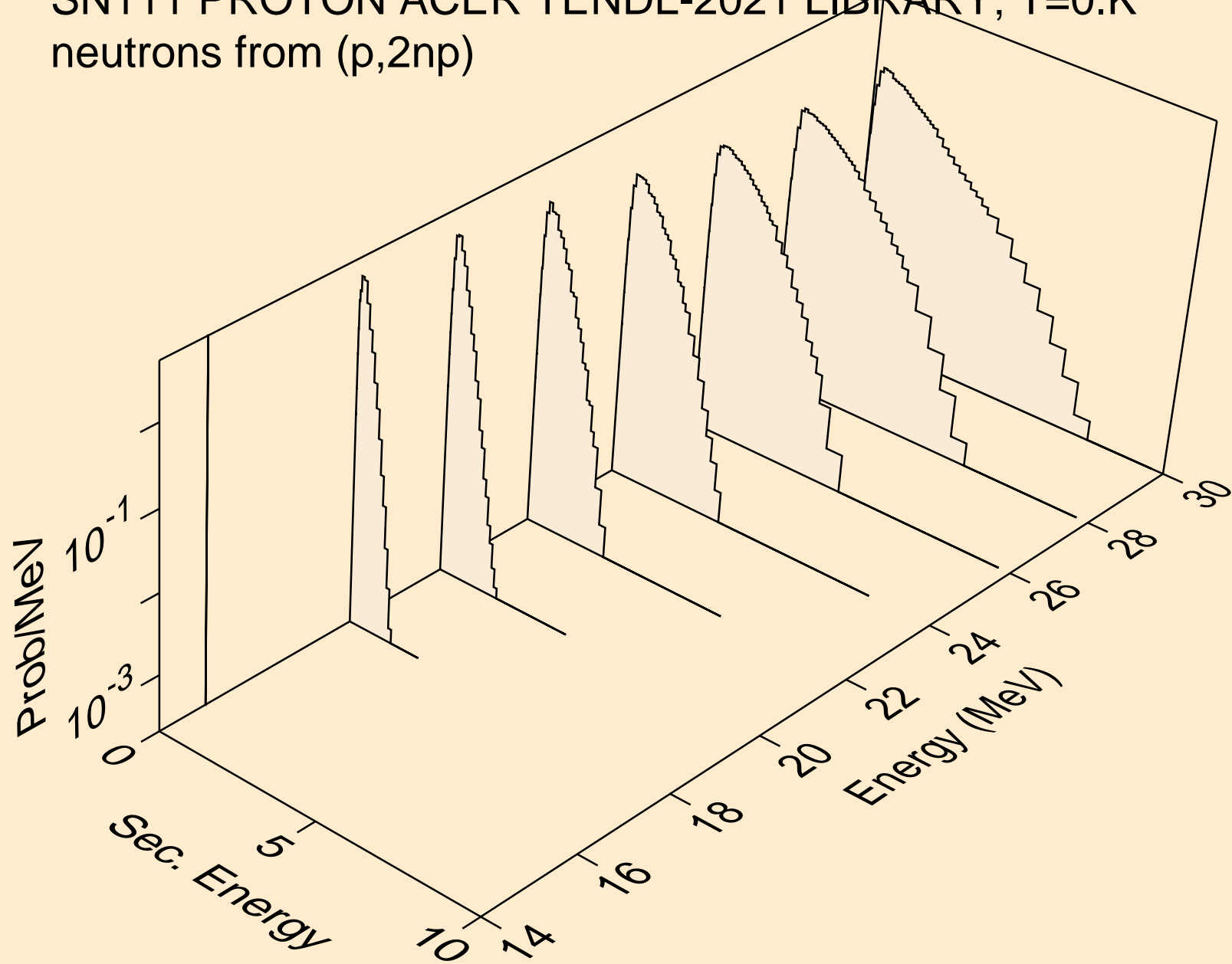
SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



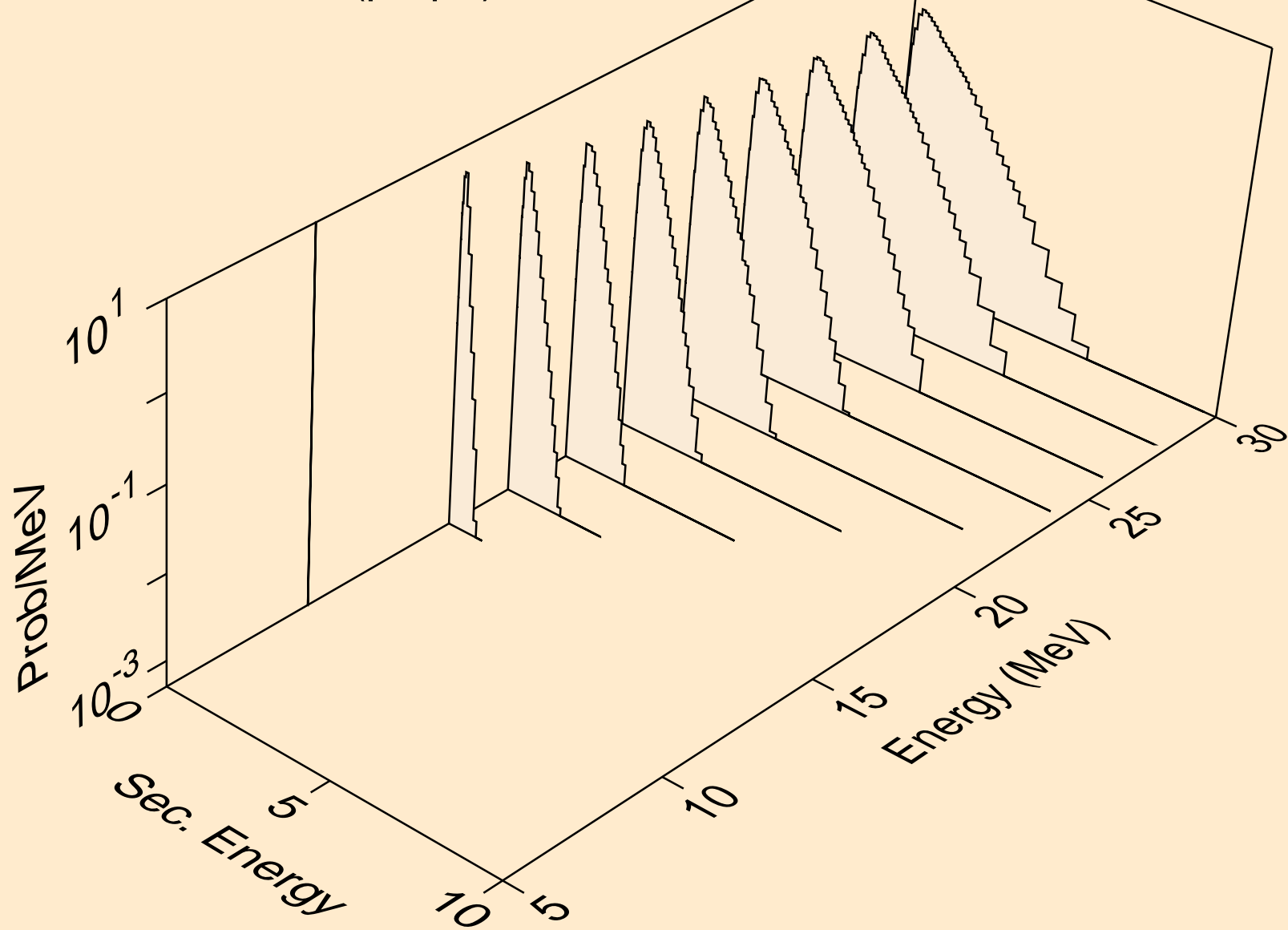
SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2np)



SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2np)

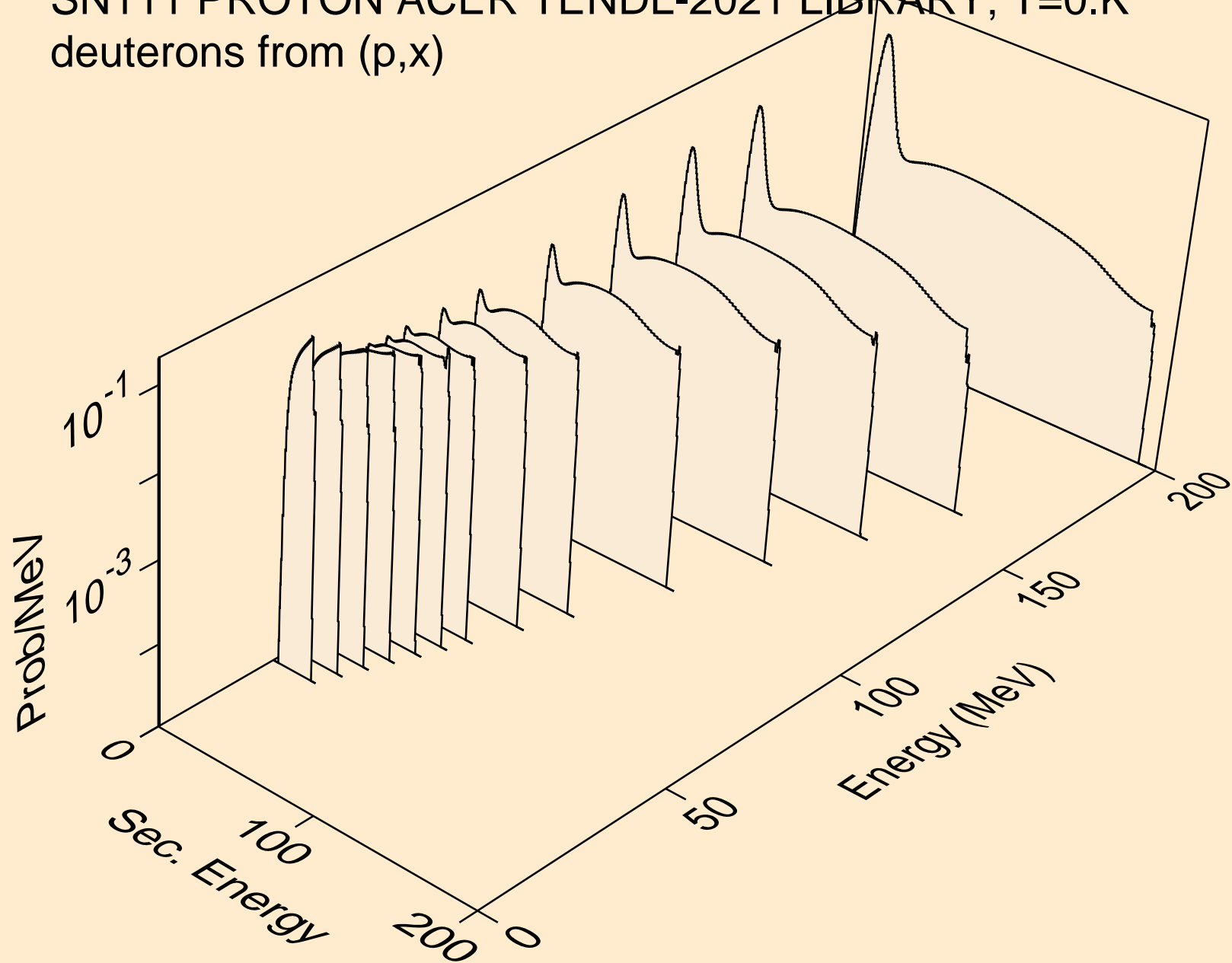


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neutrons from (p,npa)

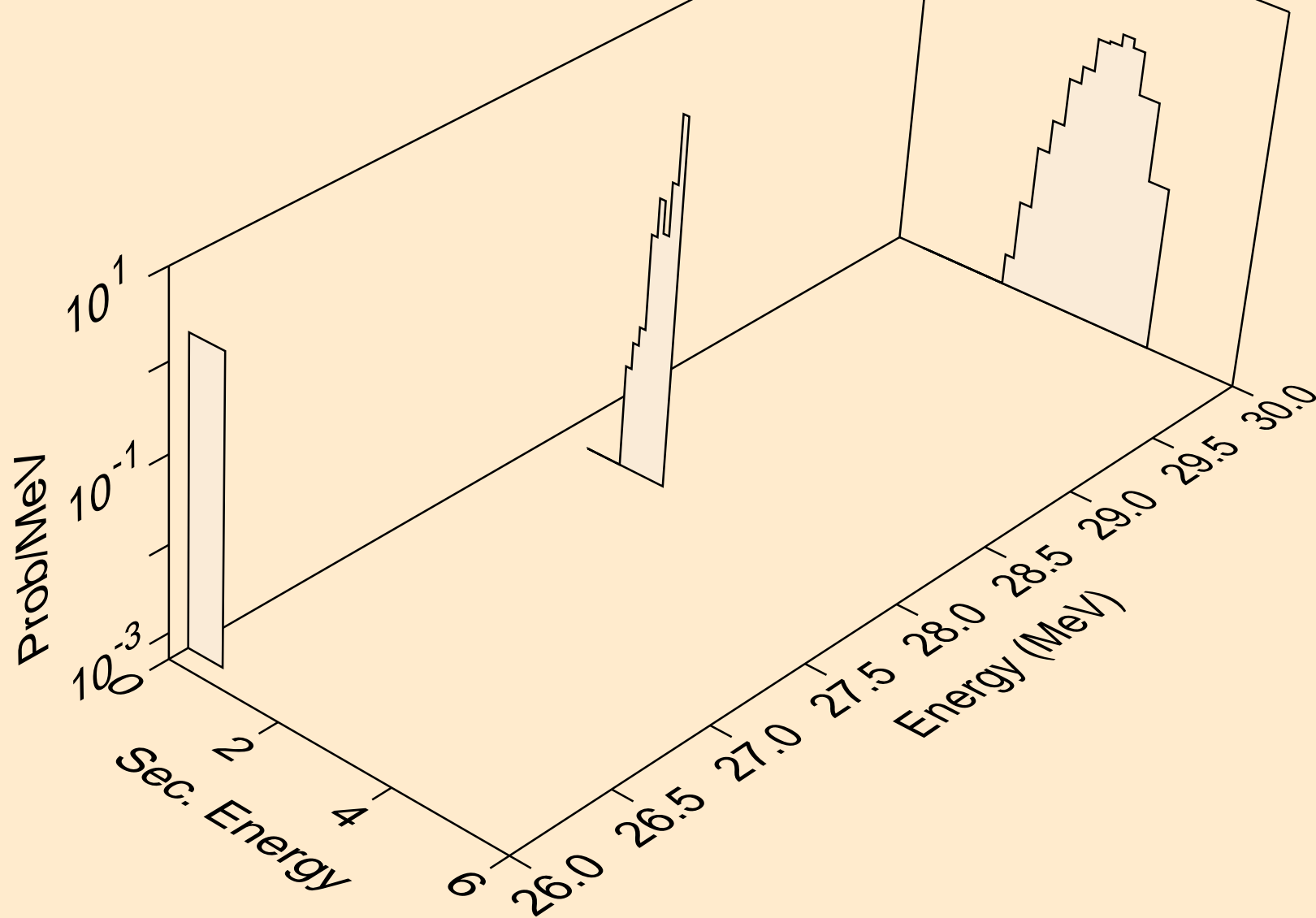




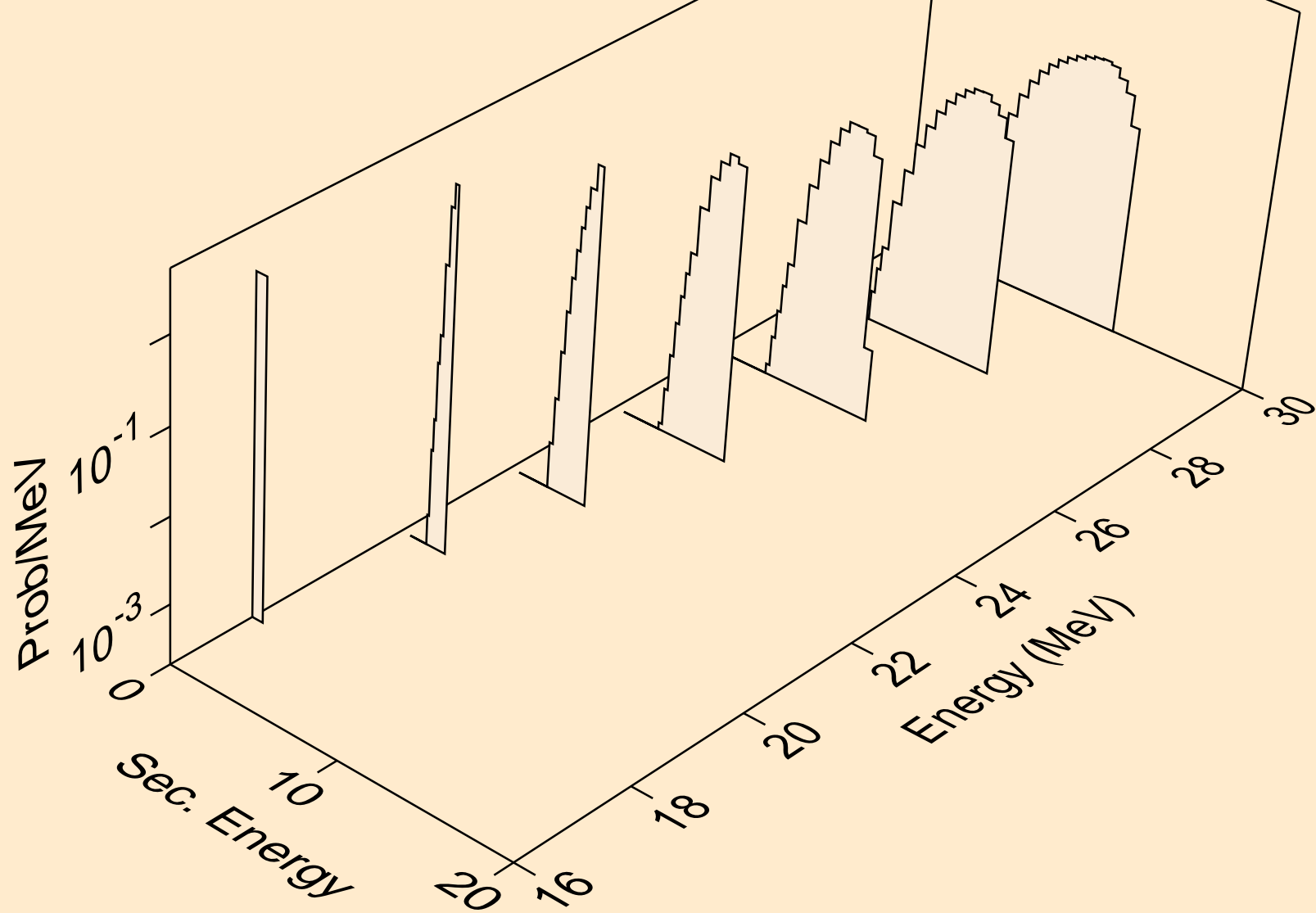
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deuterons from (p,x)



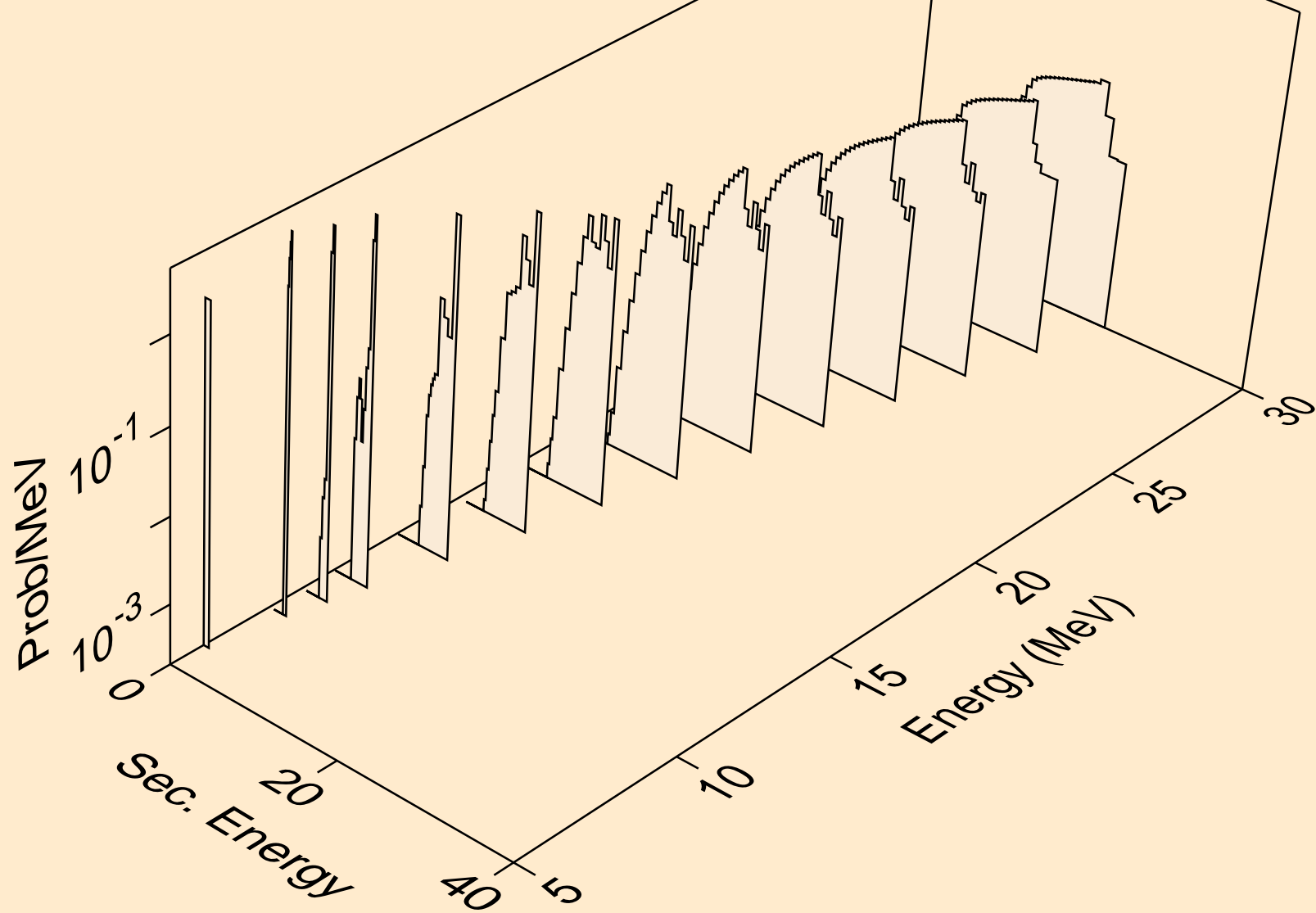
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deuterons from (p,2nd)



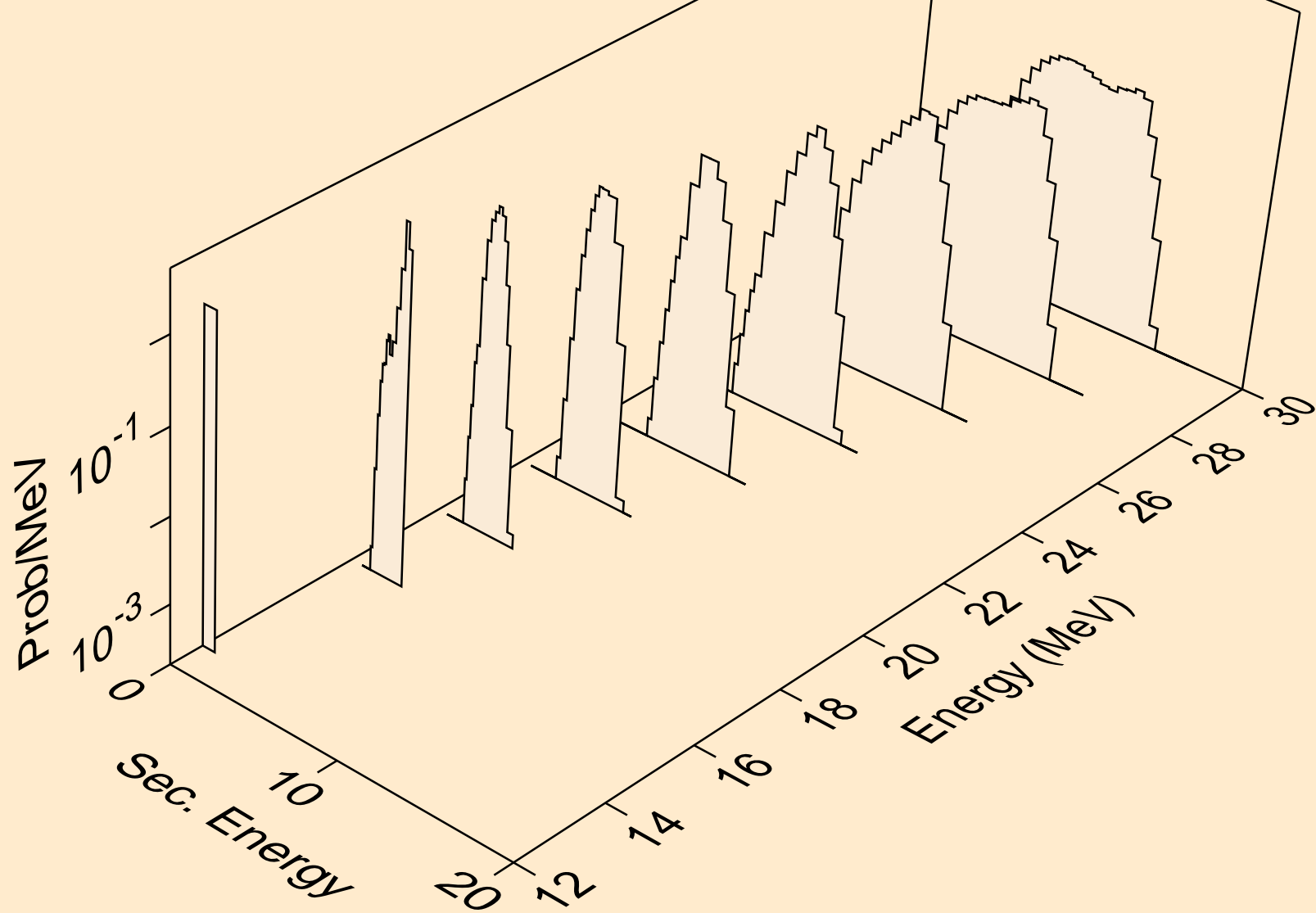
SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,n\*)d



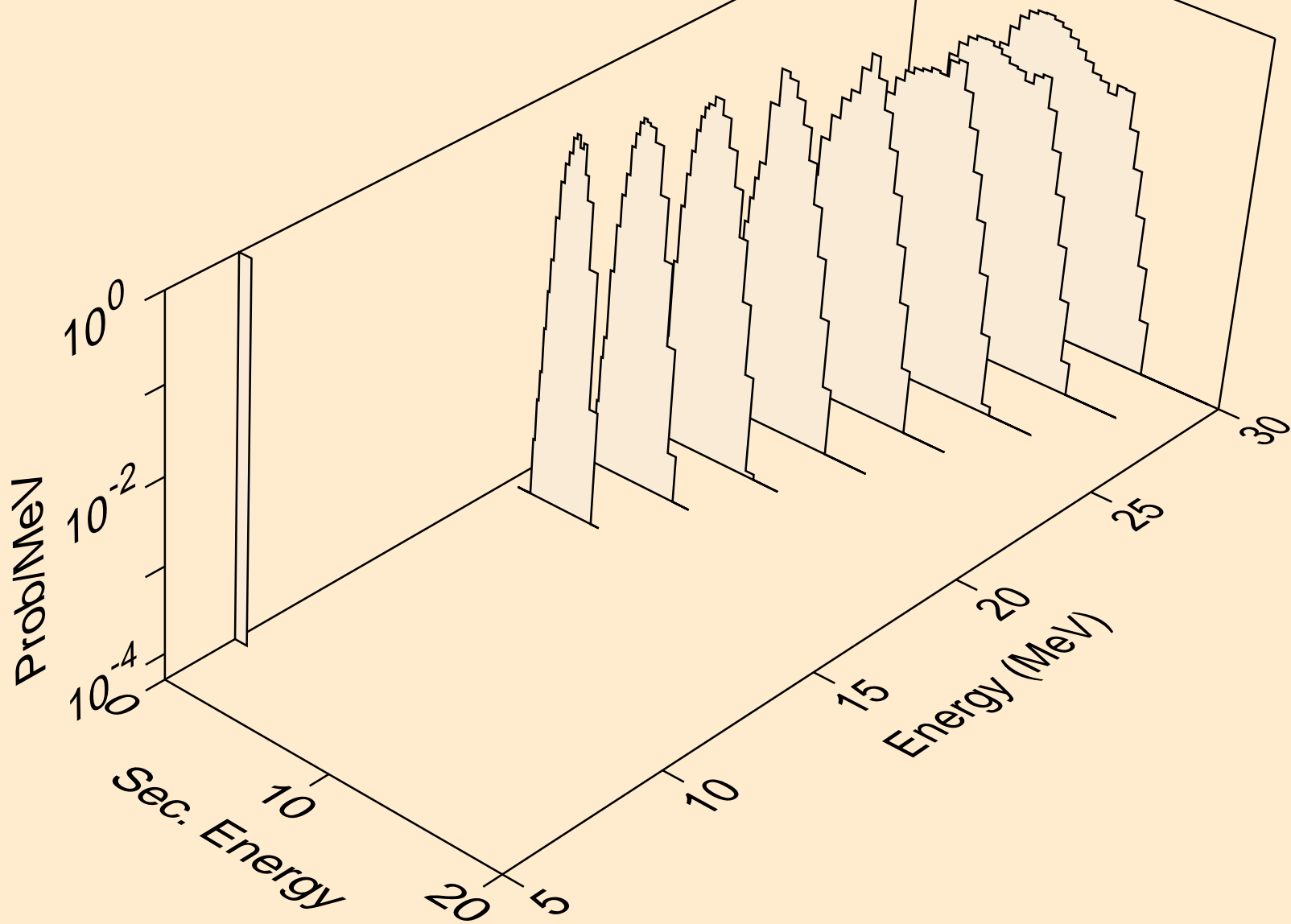
SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,d)



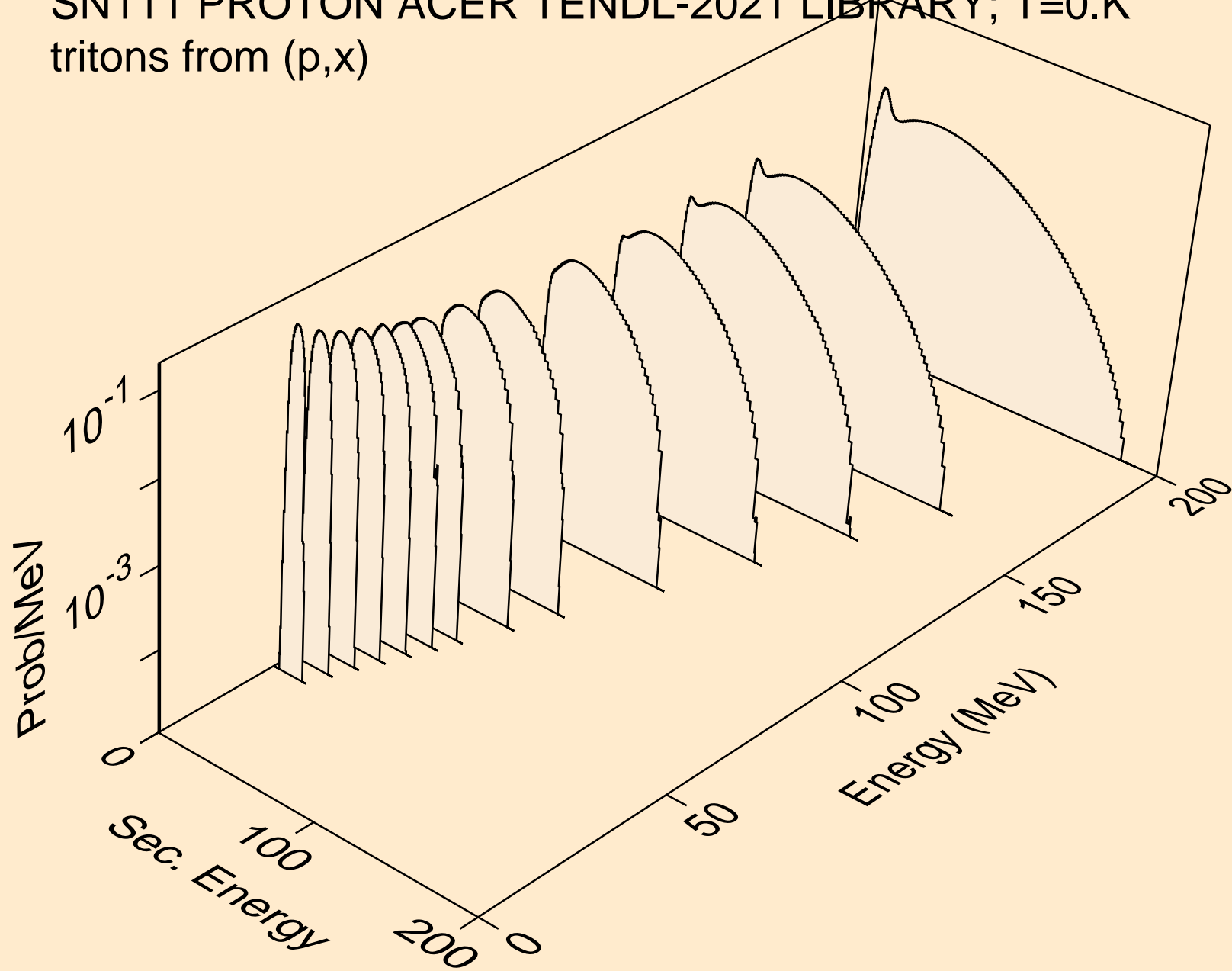
SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,pd)



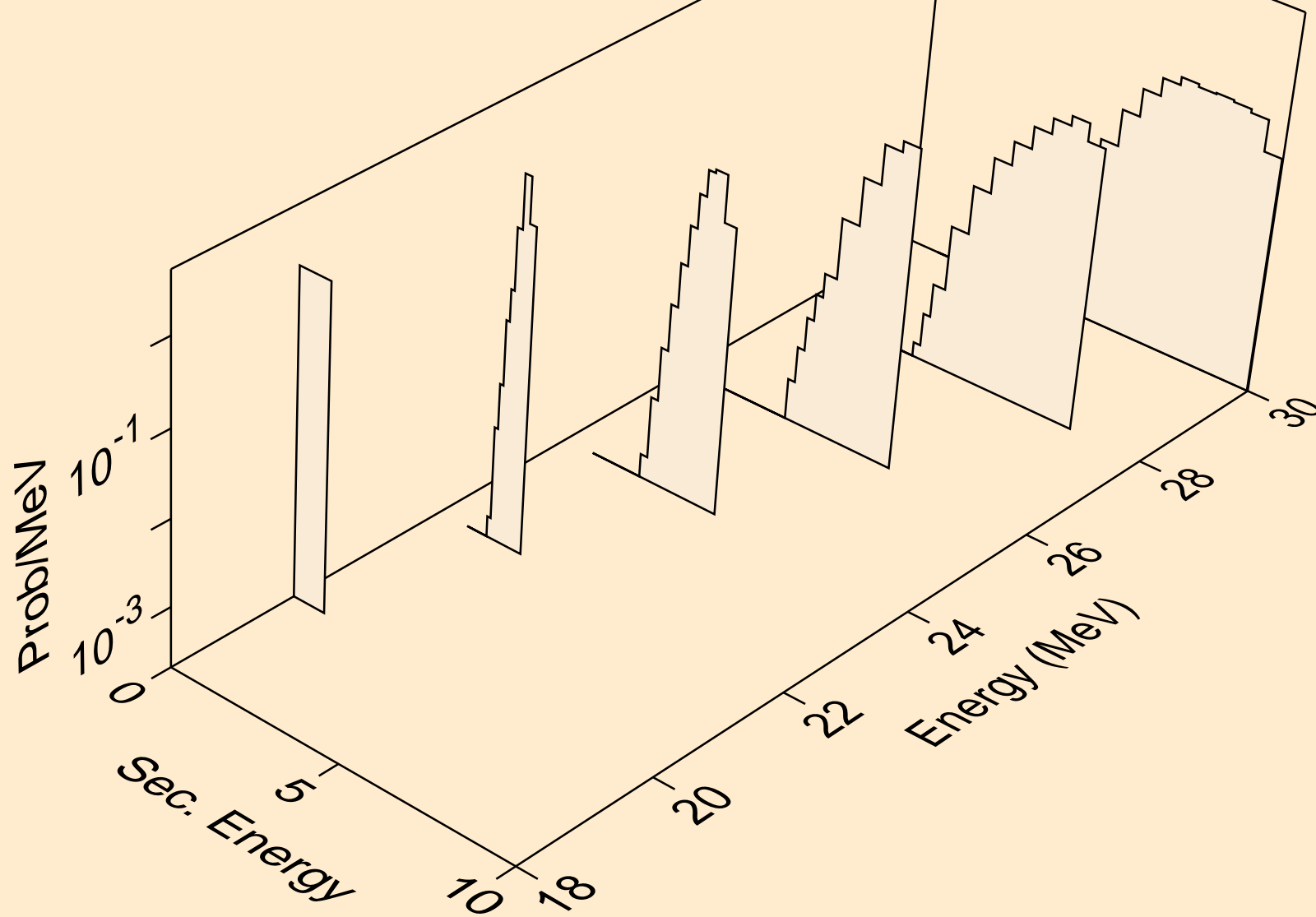
SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,da)



SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,x)

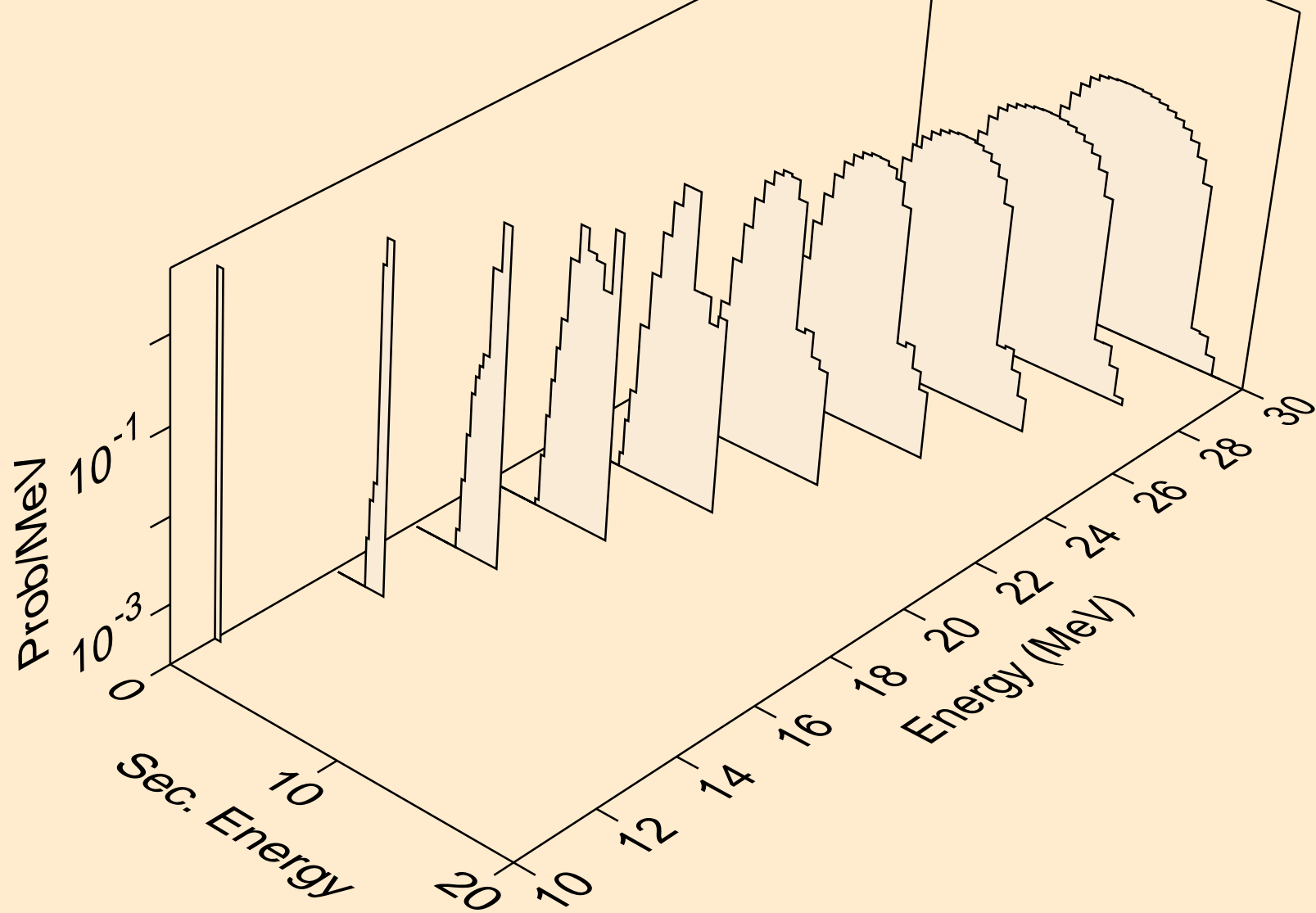


SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,n\*)t

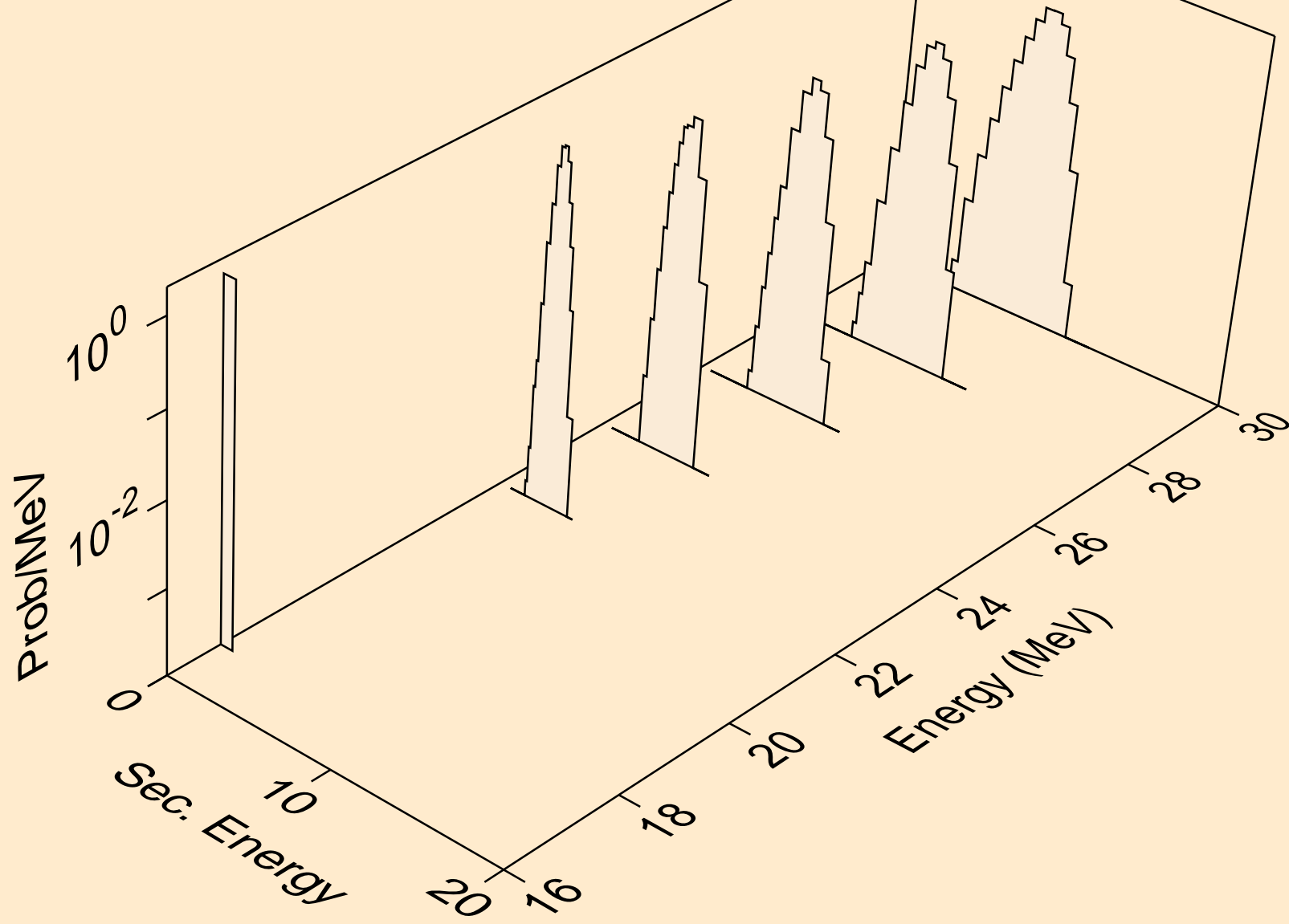




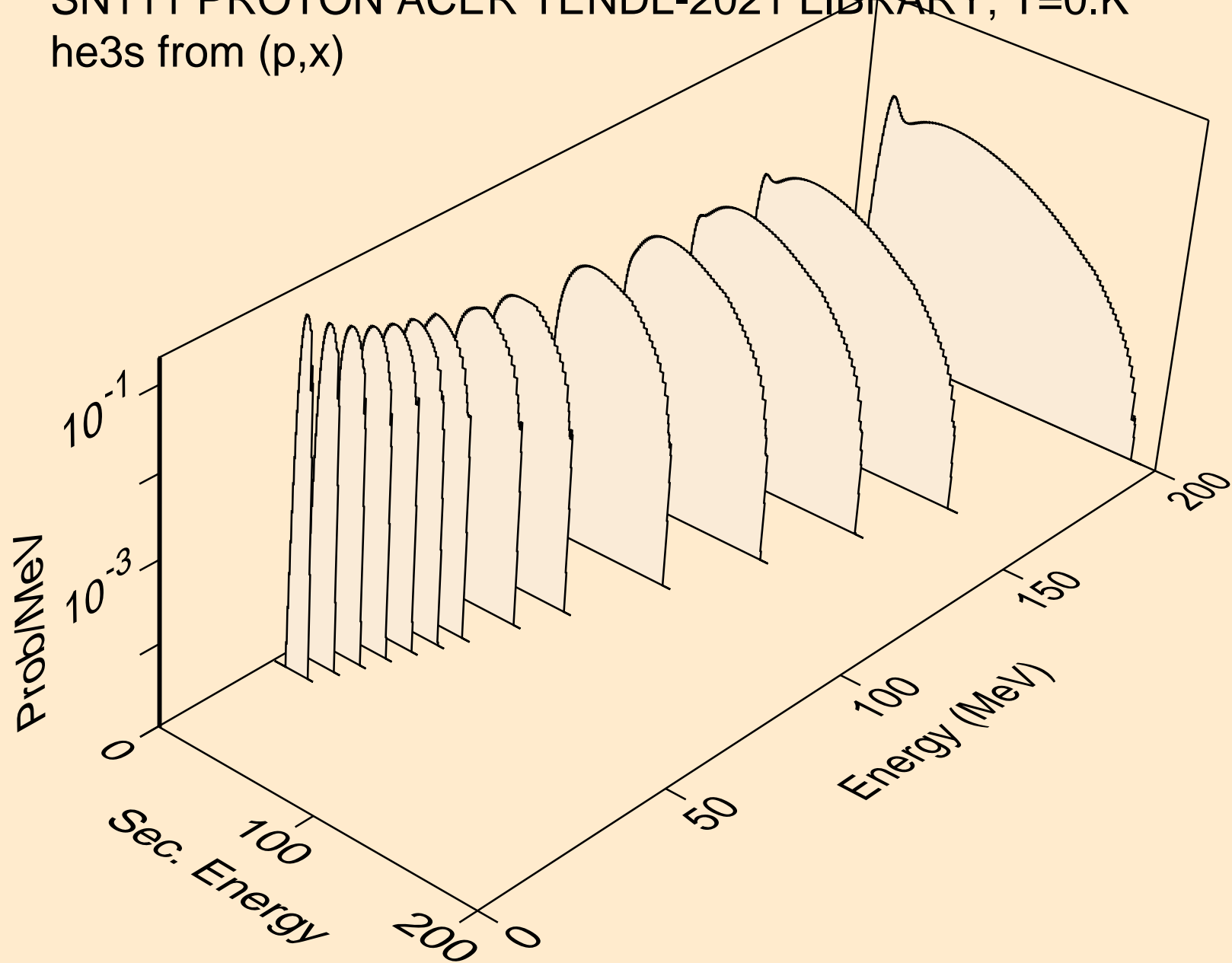
SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,t)



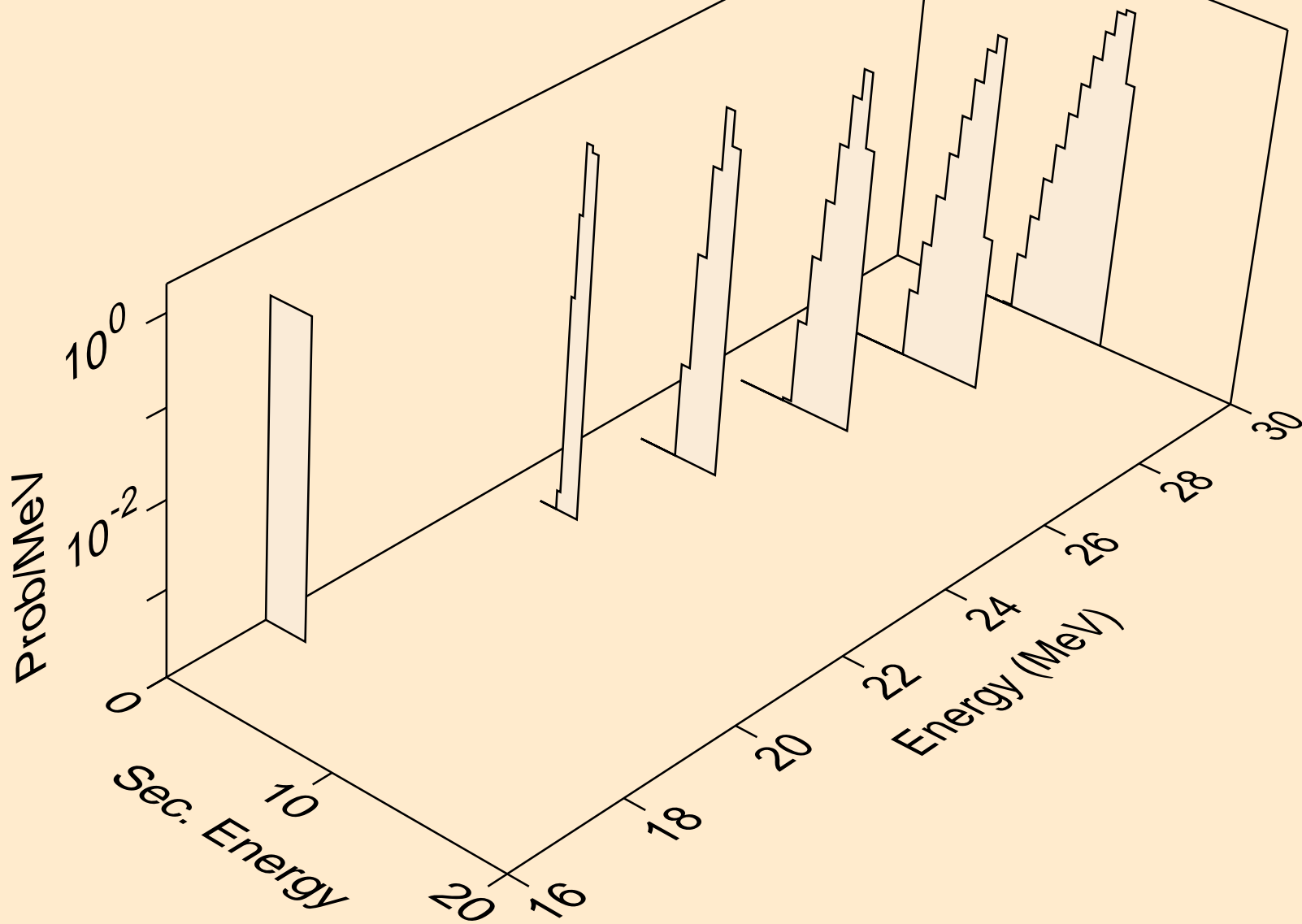
SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,pt)



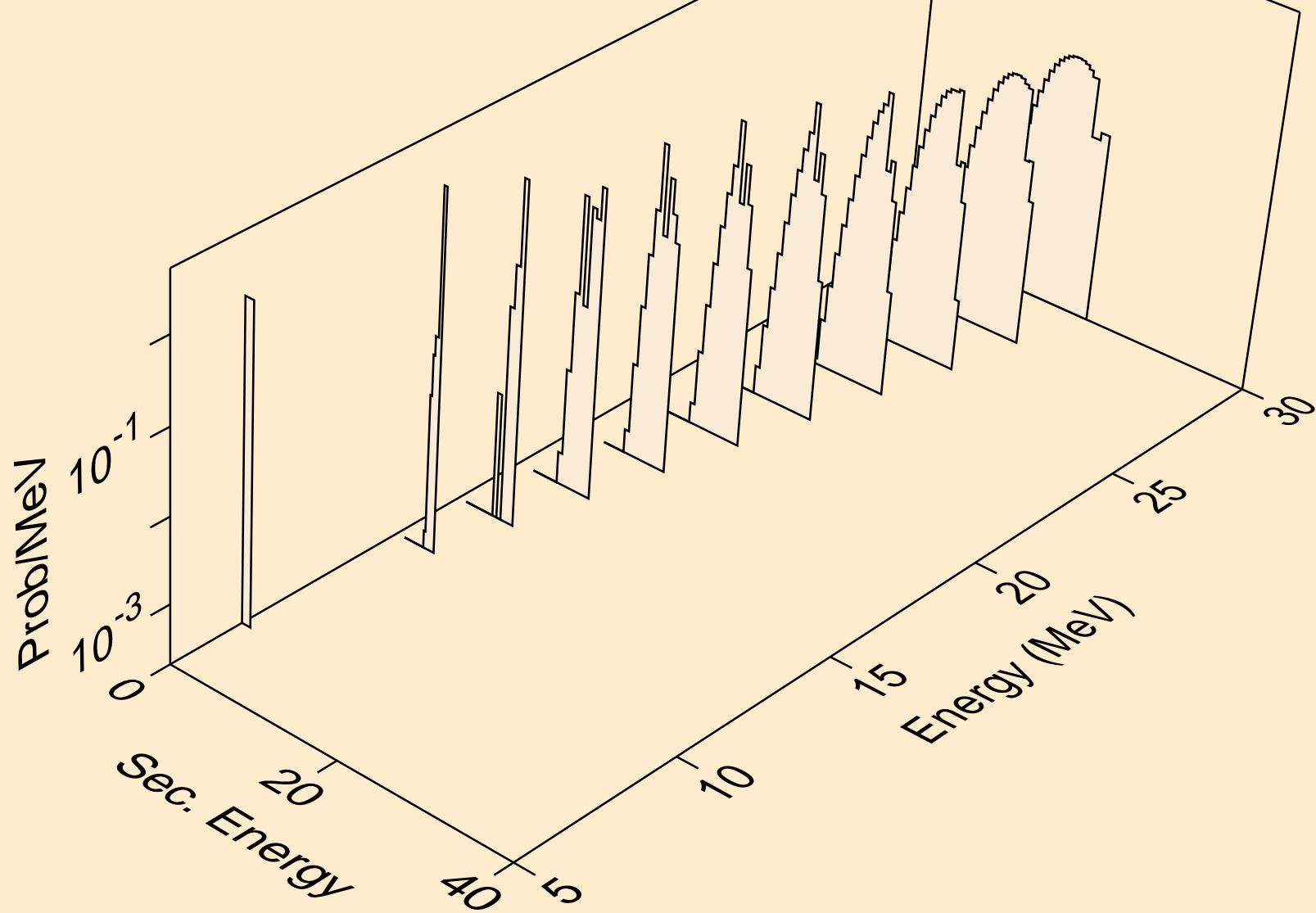
SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,x)



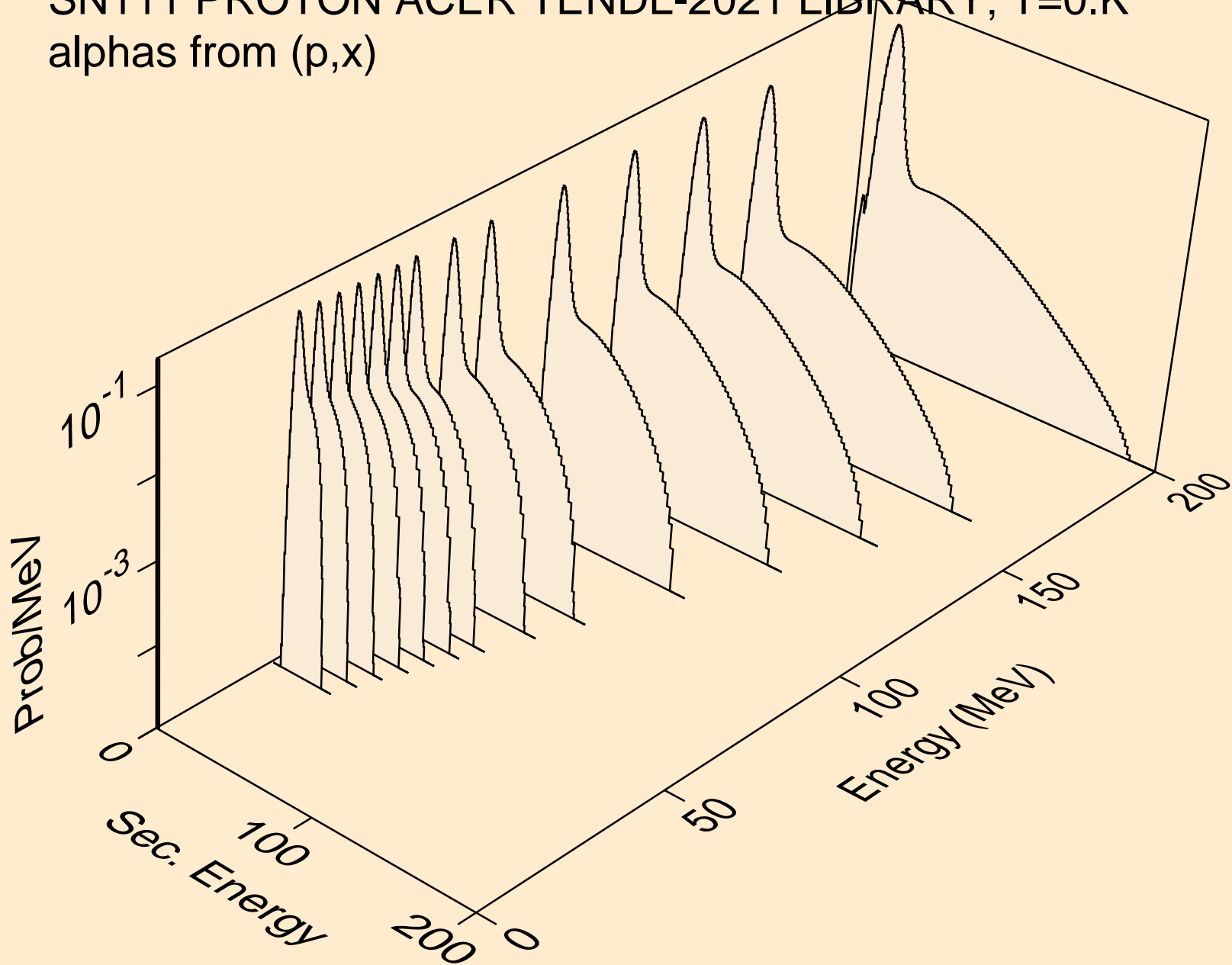
SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,n\*)he3



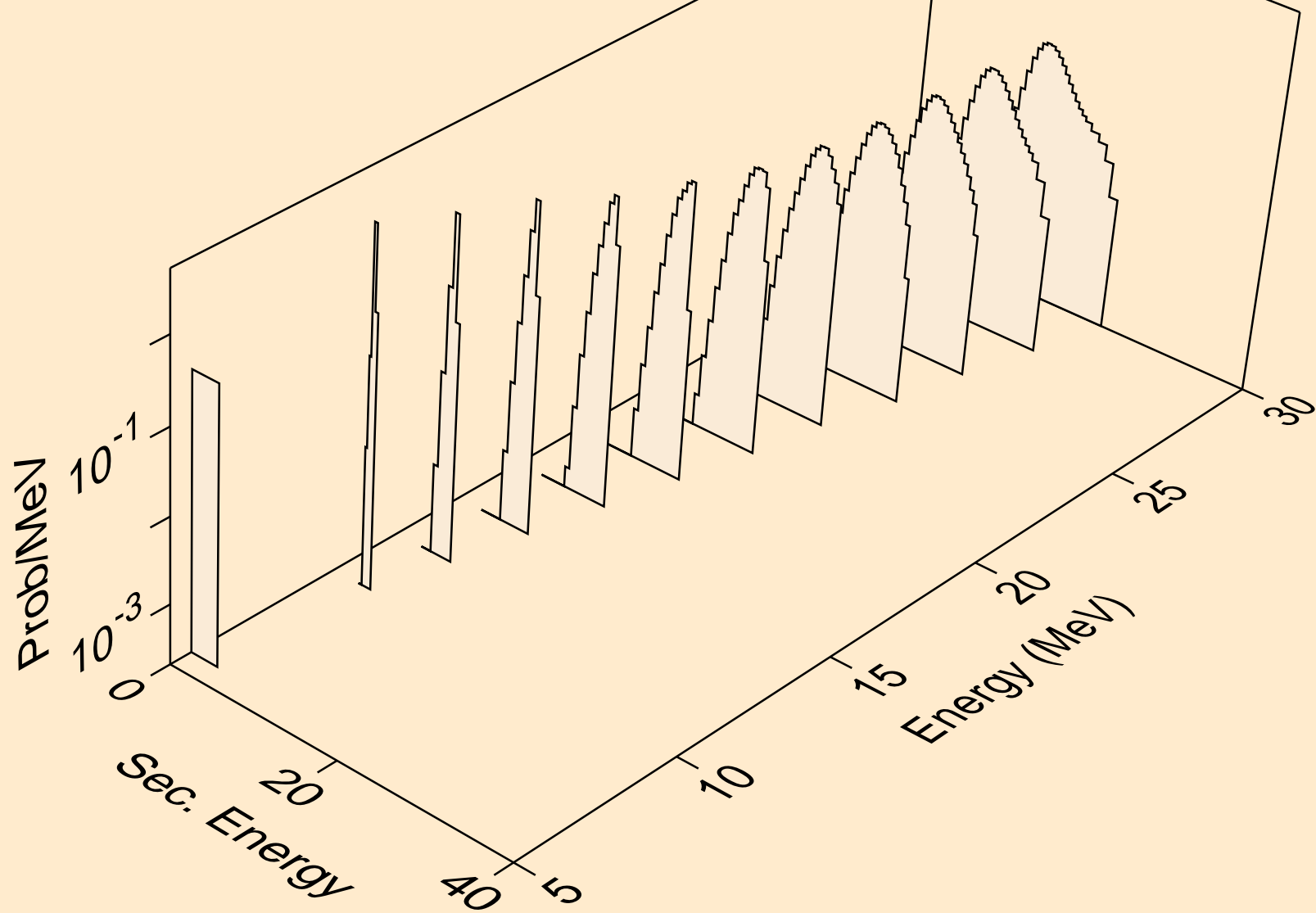
SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,he3)



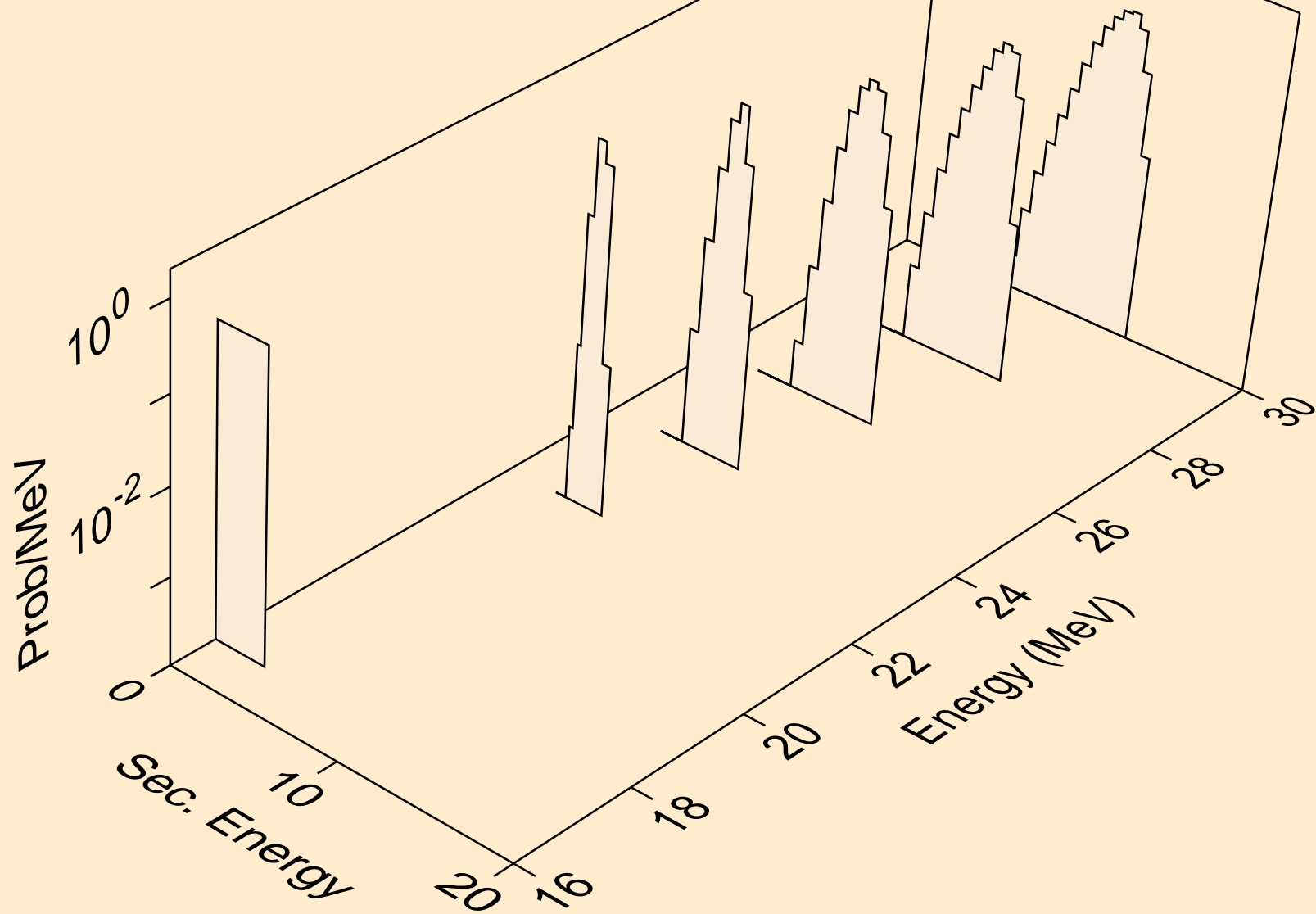
SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,x)



SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,n\*)a

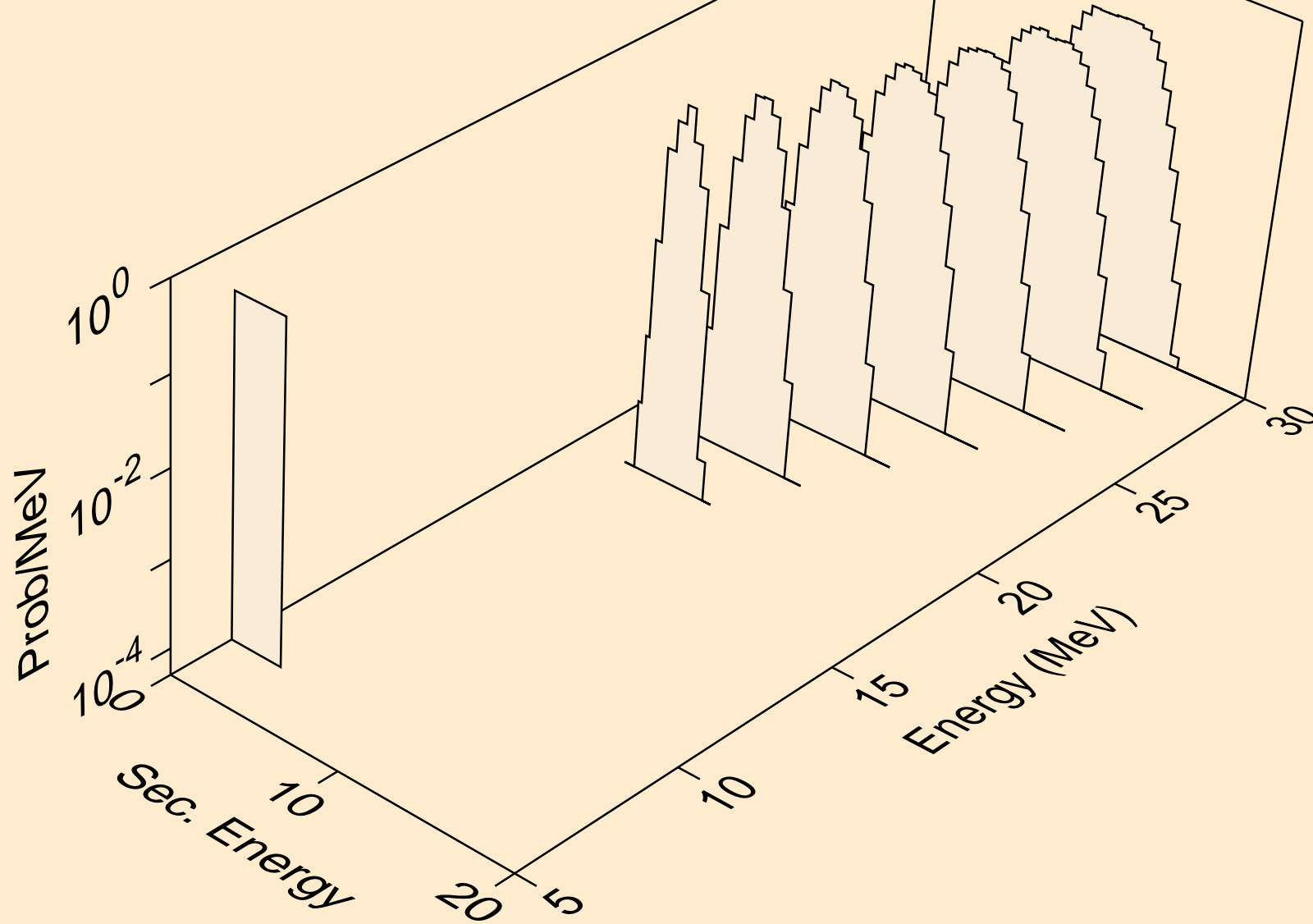


SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,2n)a

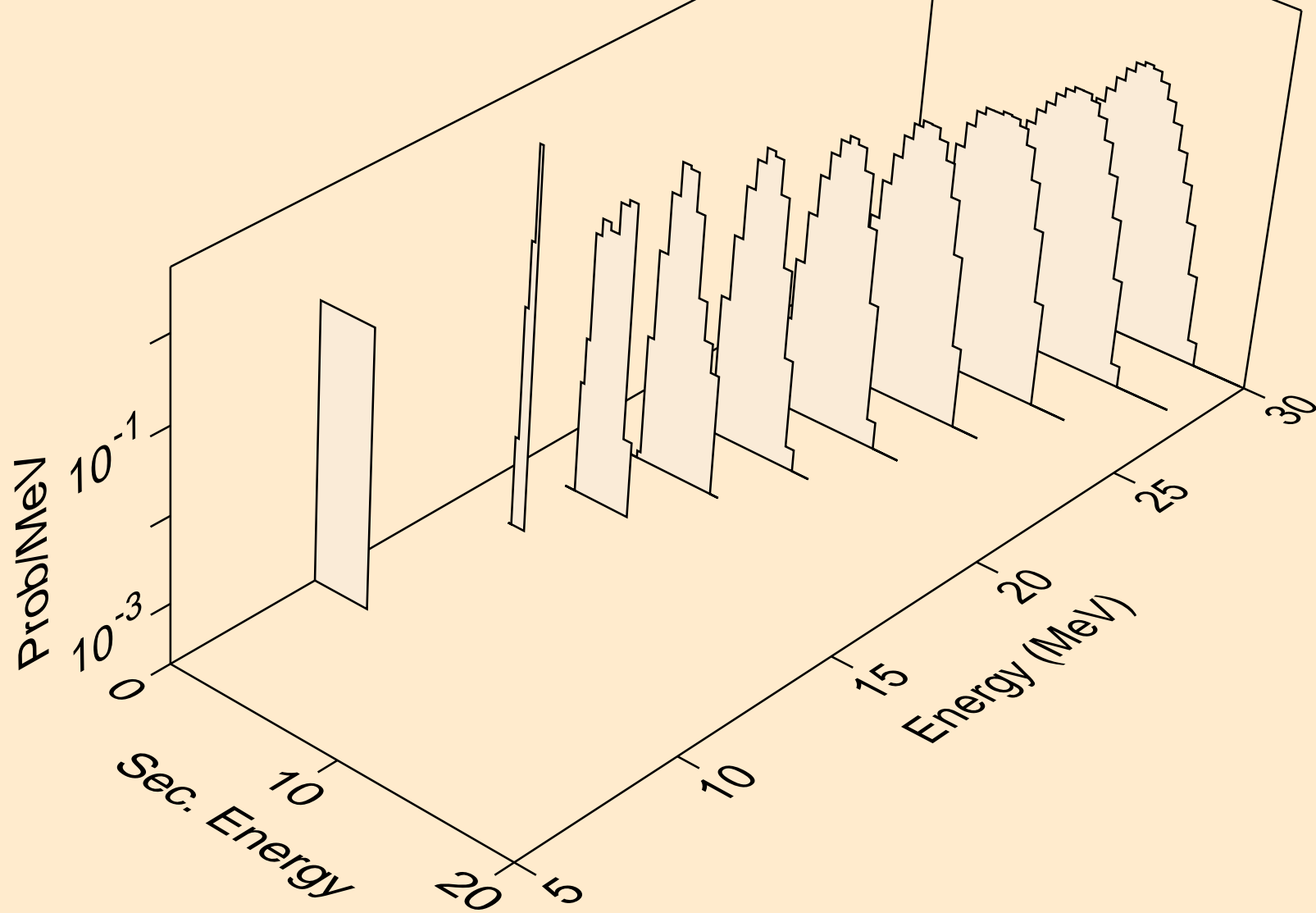




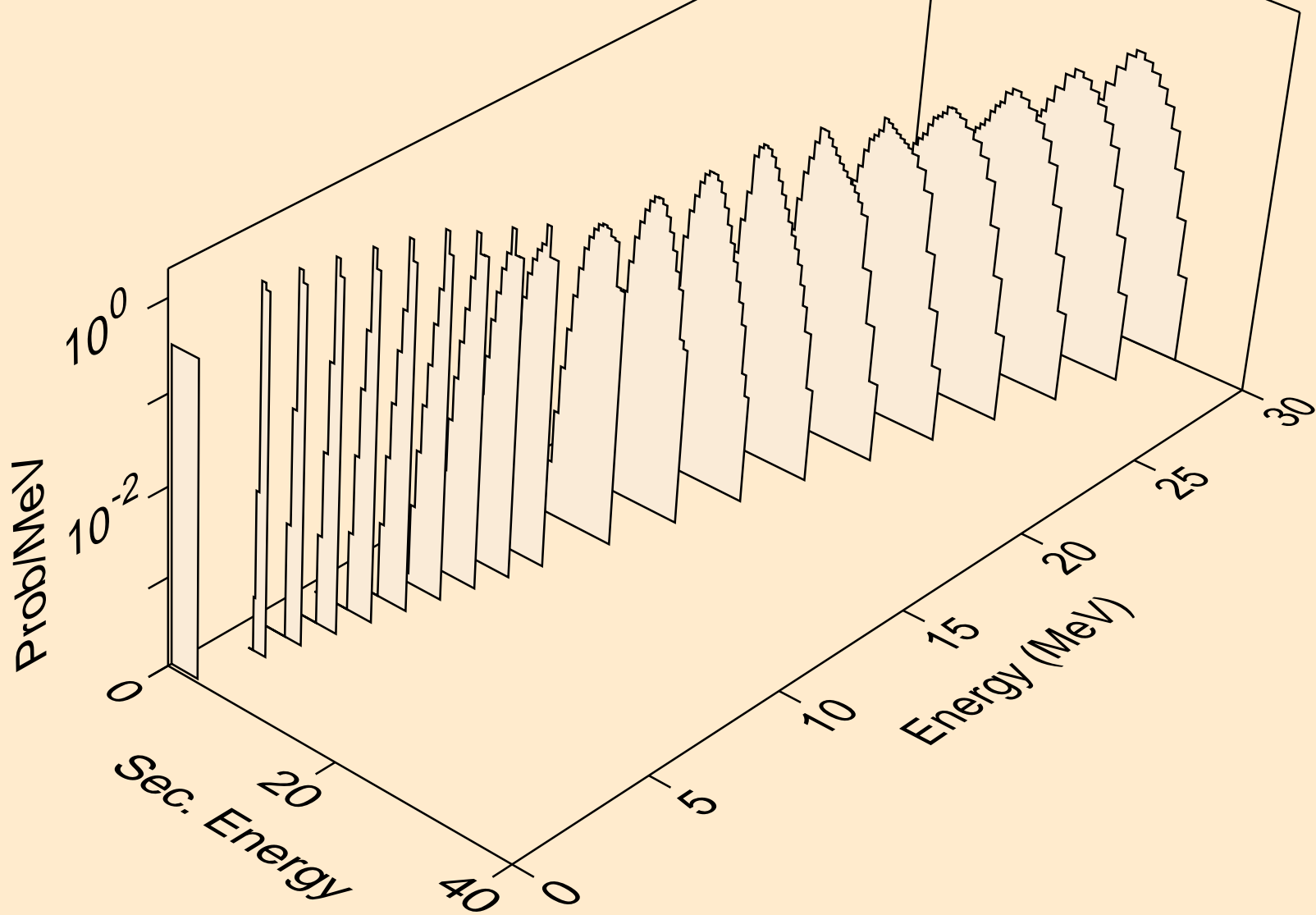
SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,n\*)2a



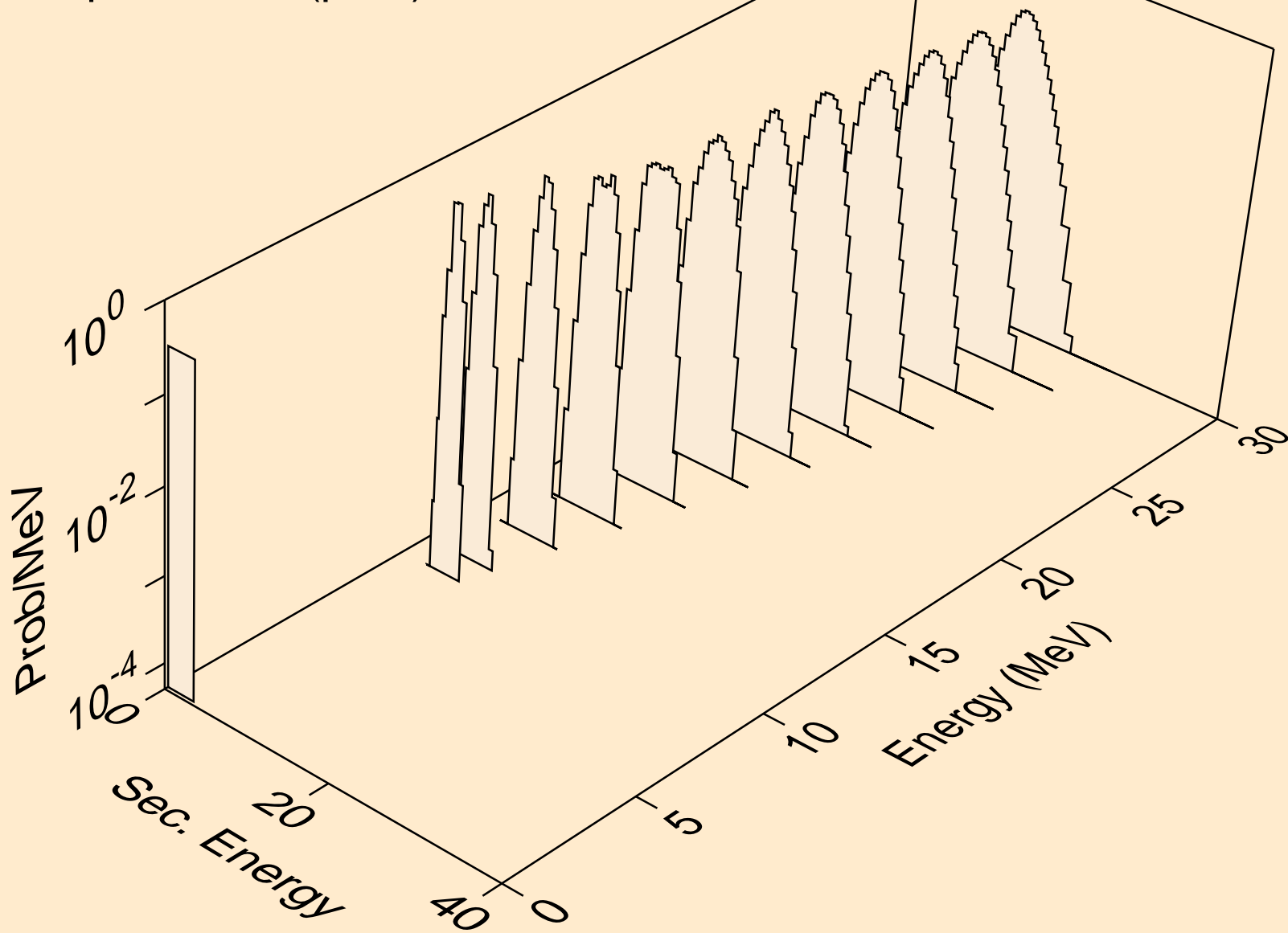
SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,npa)



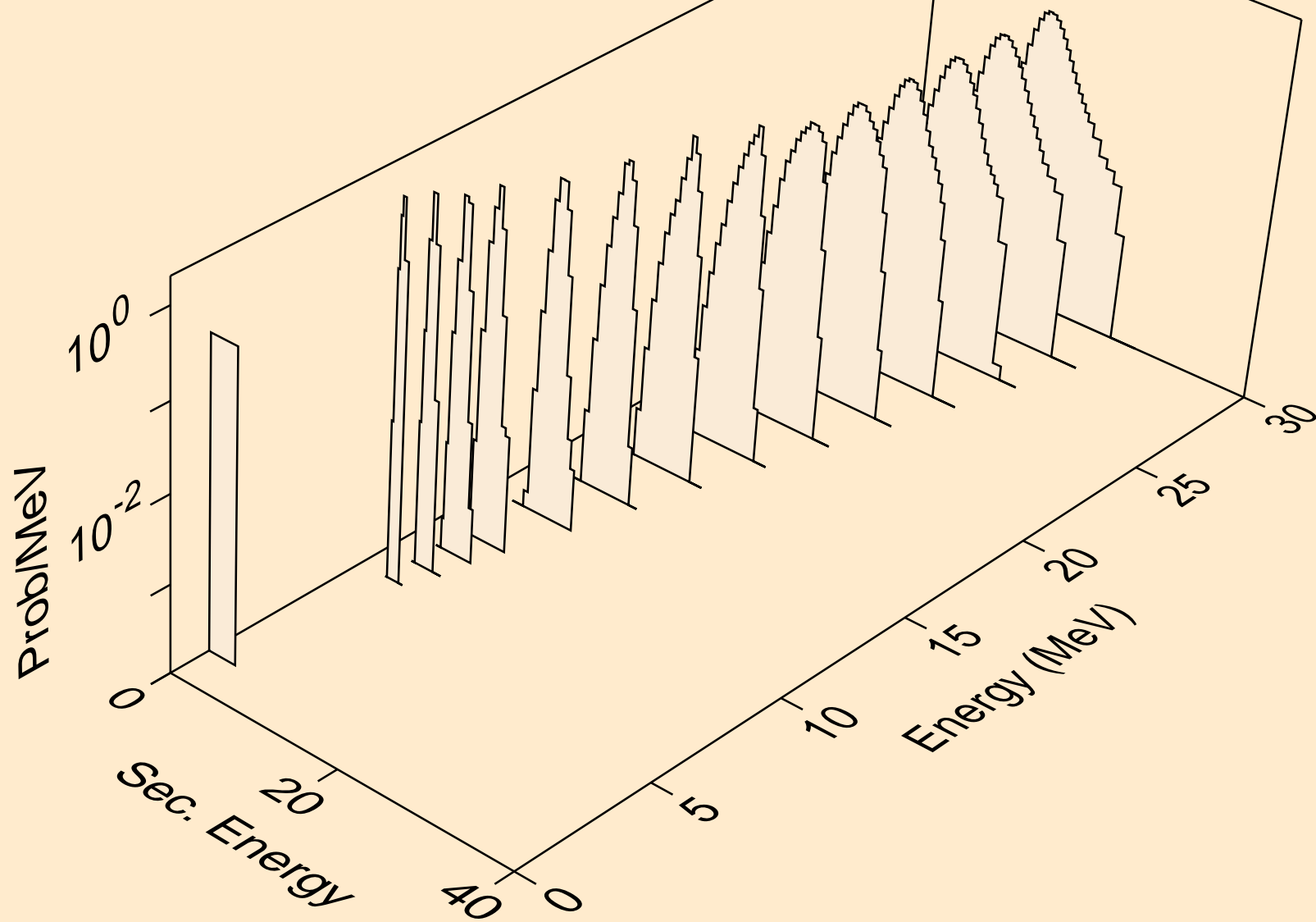
SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,a)



SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,2a)



SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,pa)



SN111 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,da)

