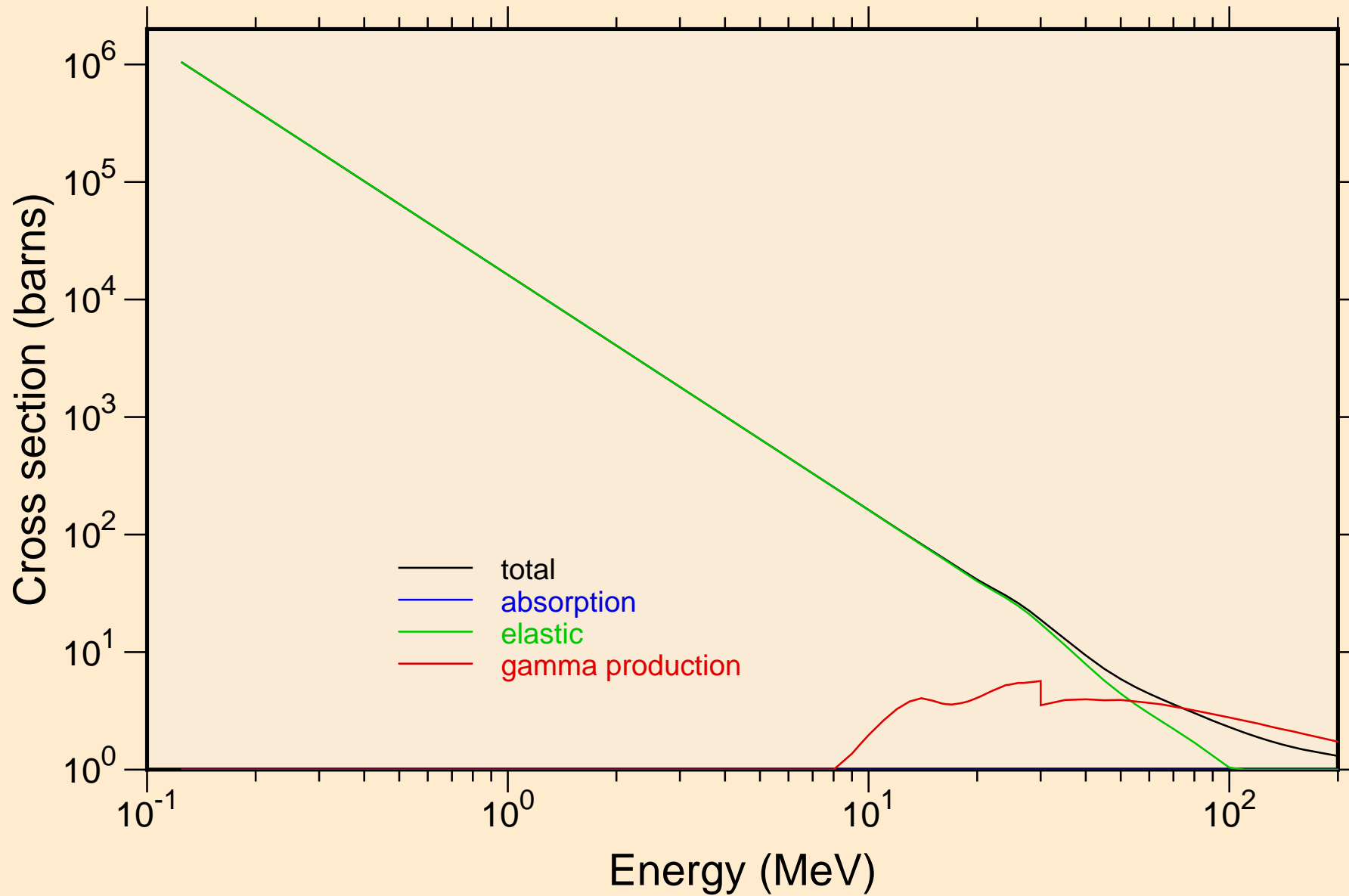


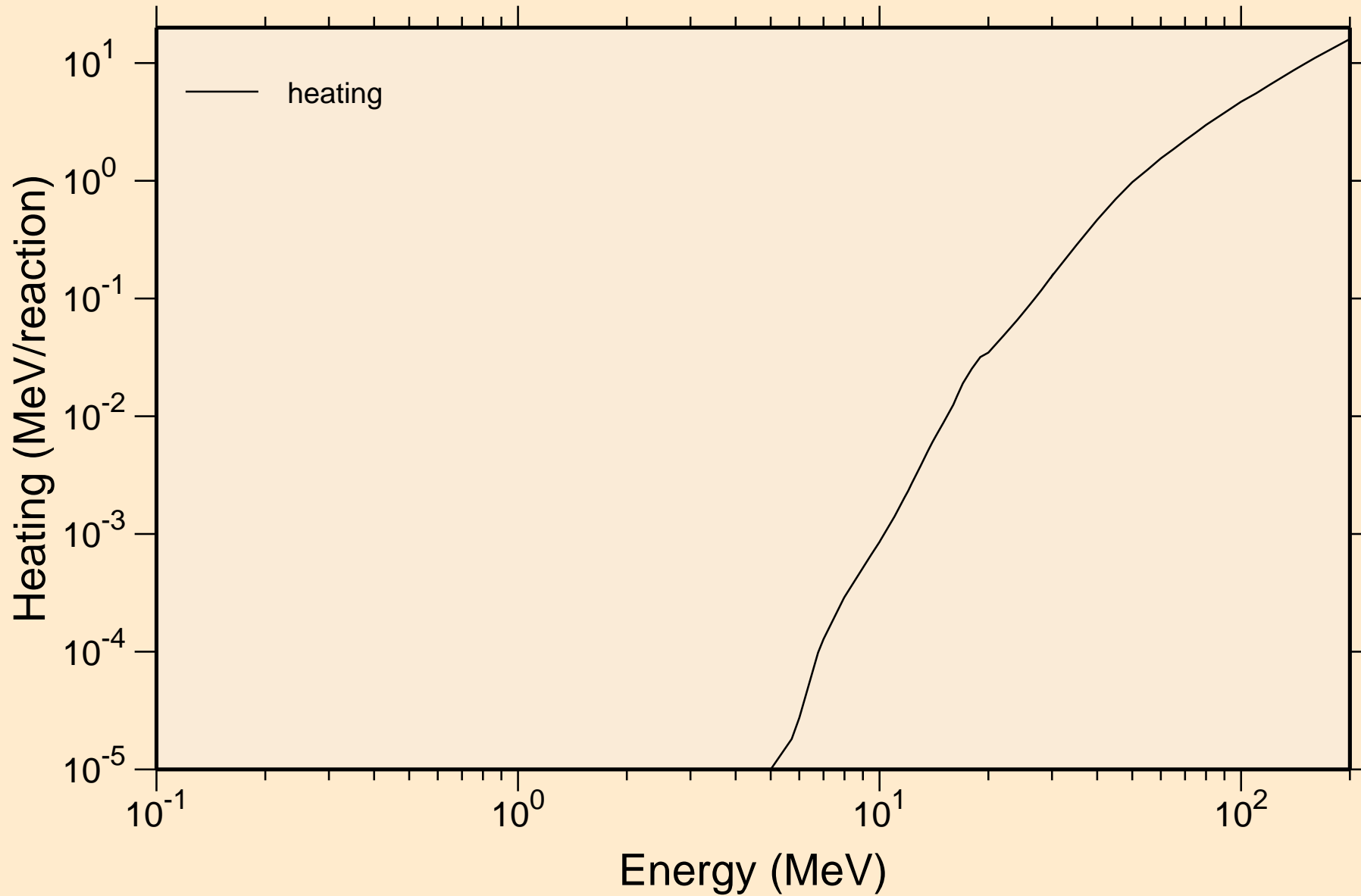
# SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



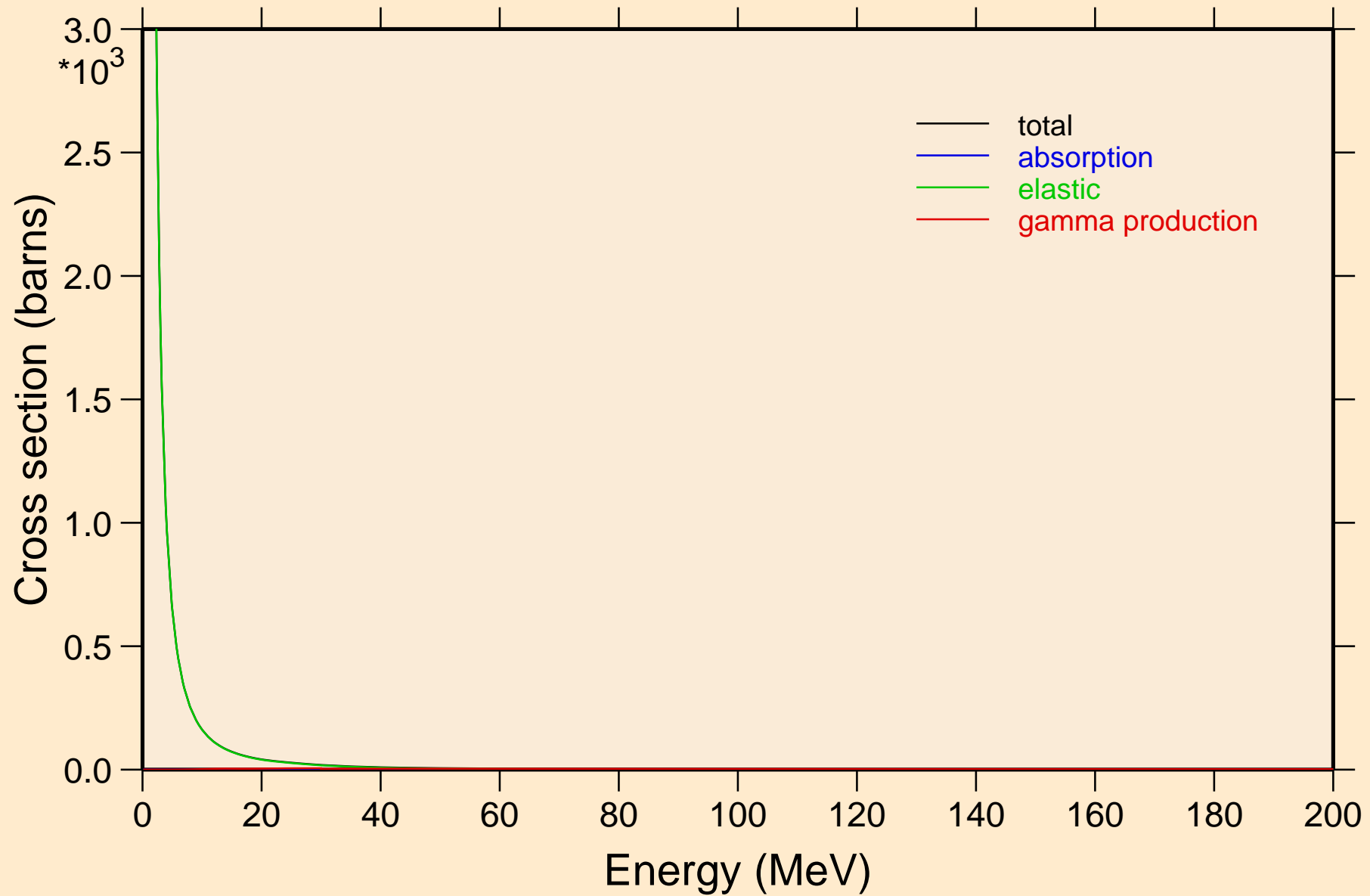
# SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



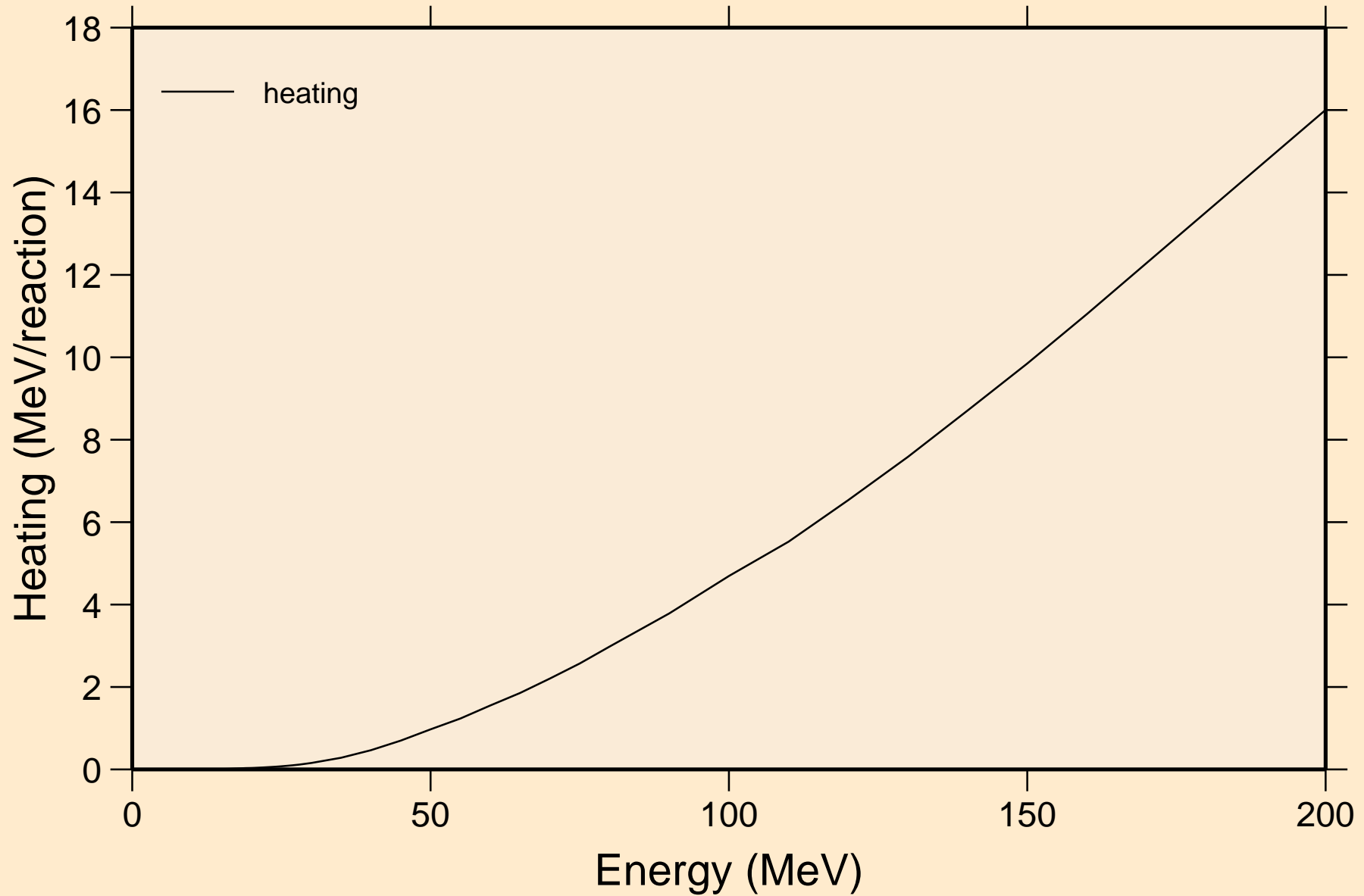
# SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



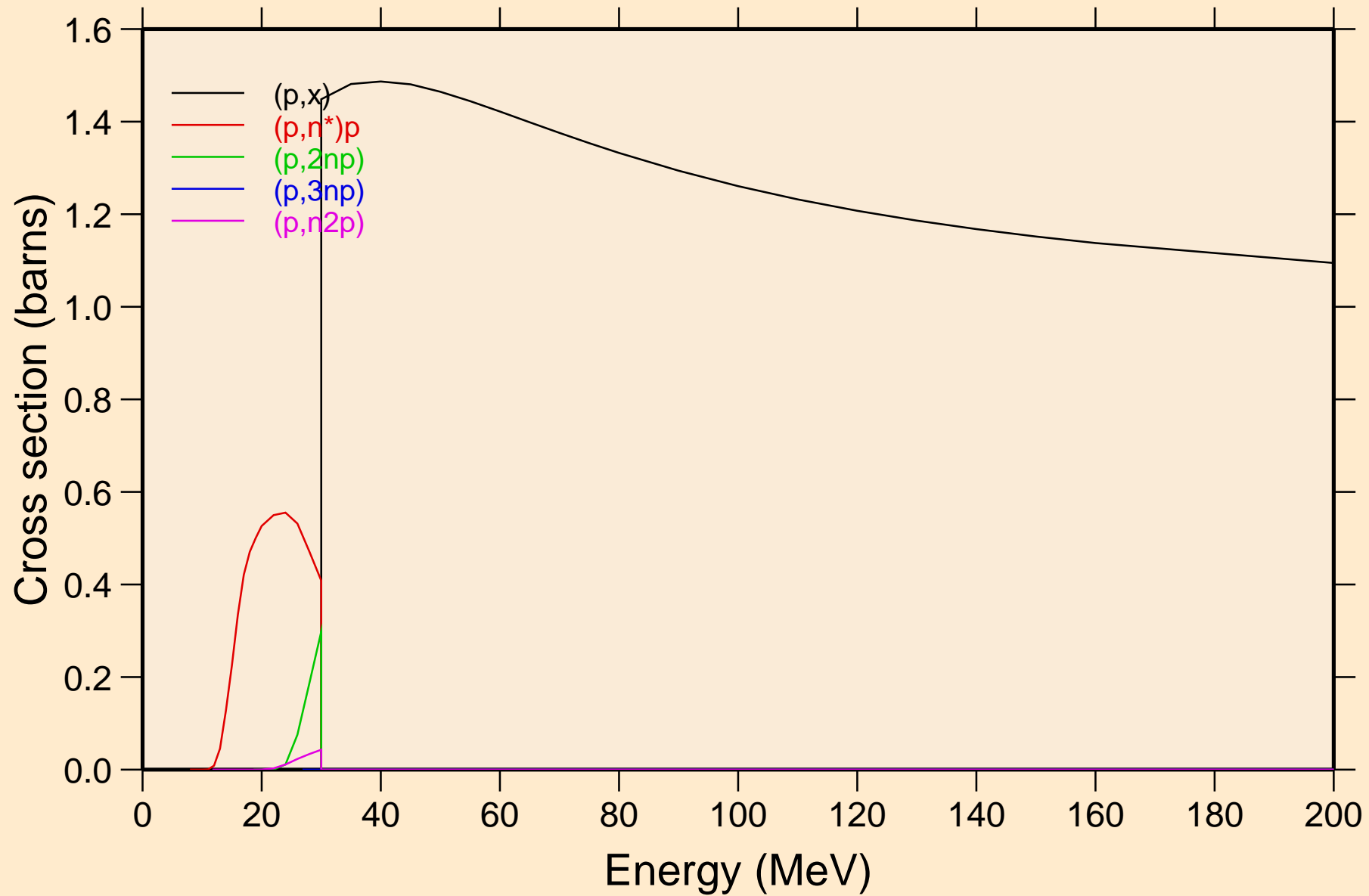
# SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



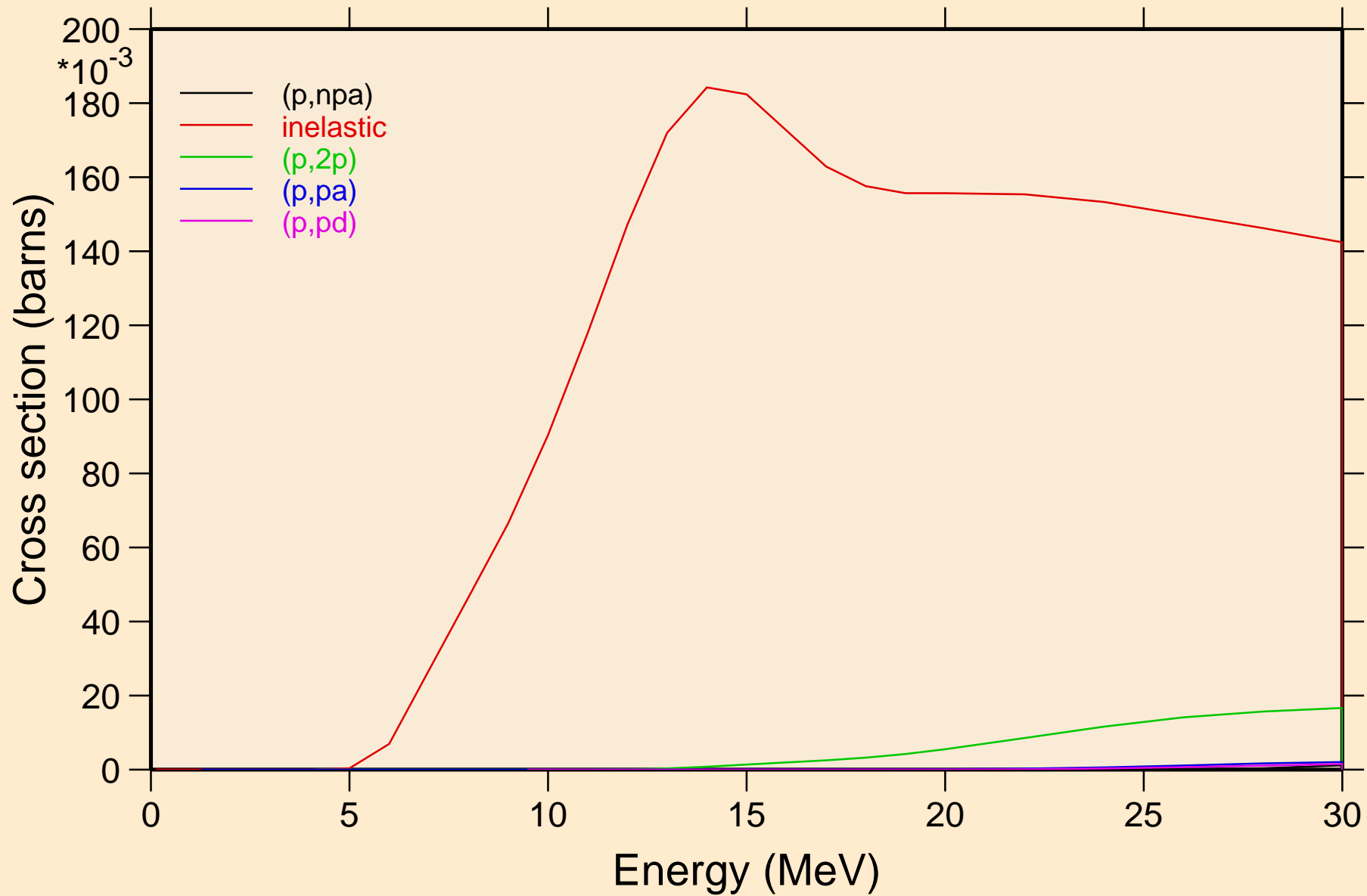
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## Threshold reactions

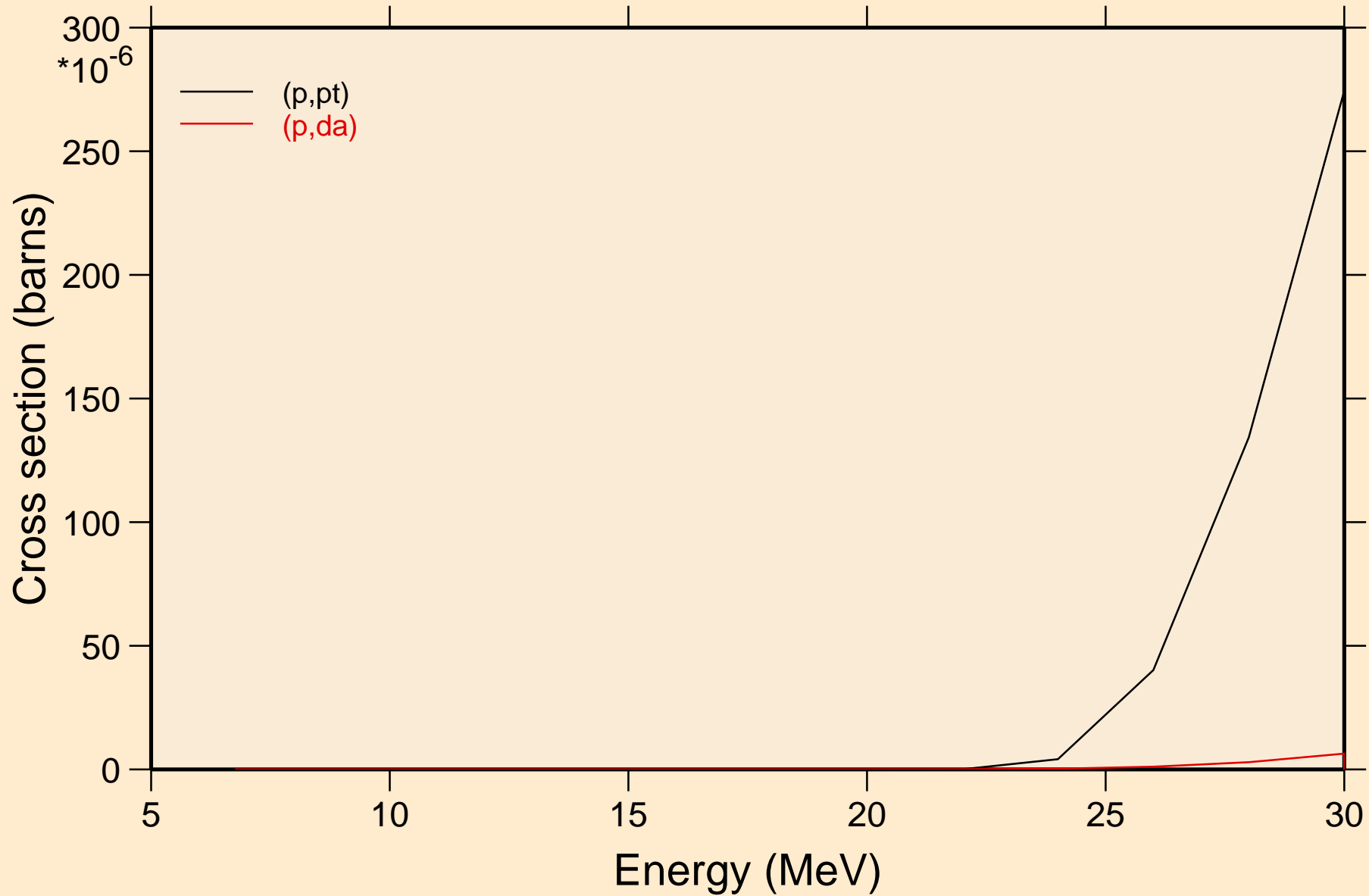


# SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K

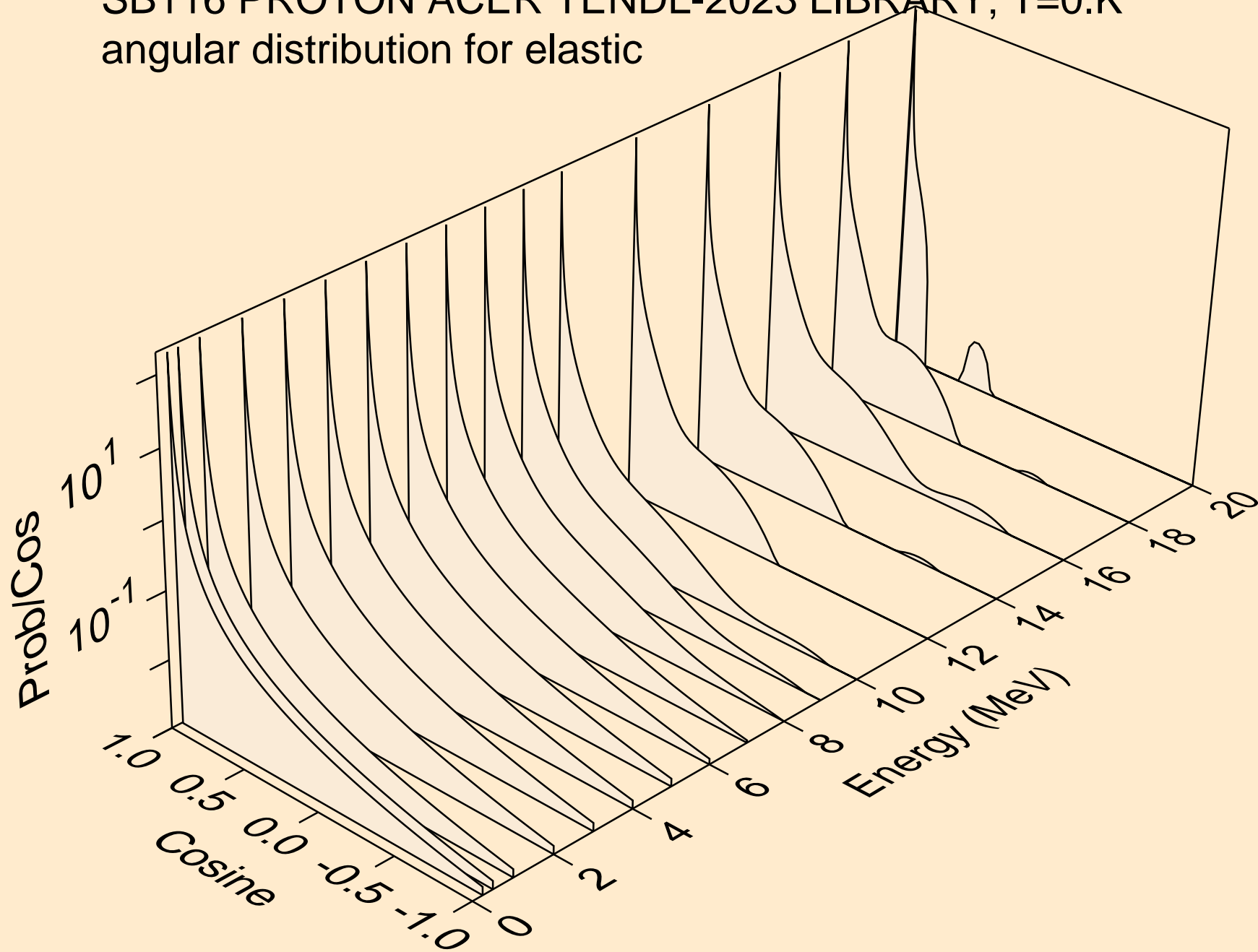
## Threshold reactions



SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

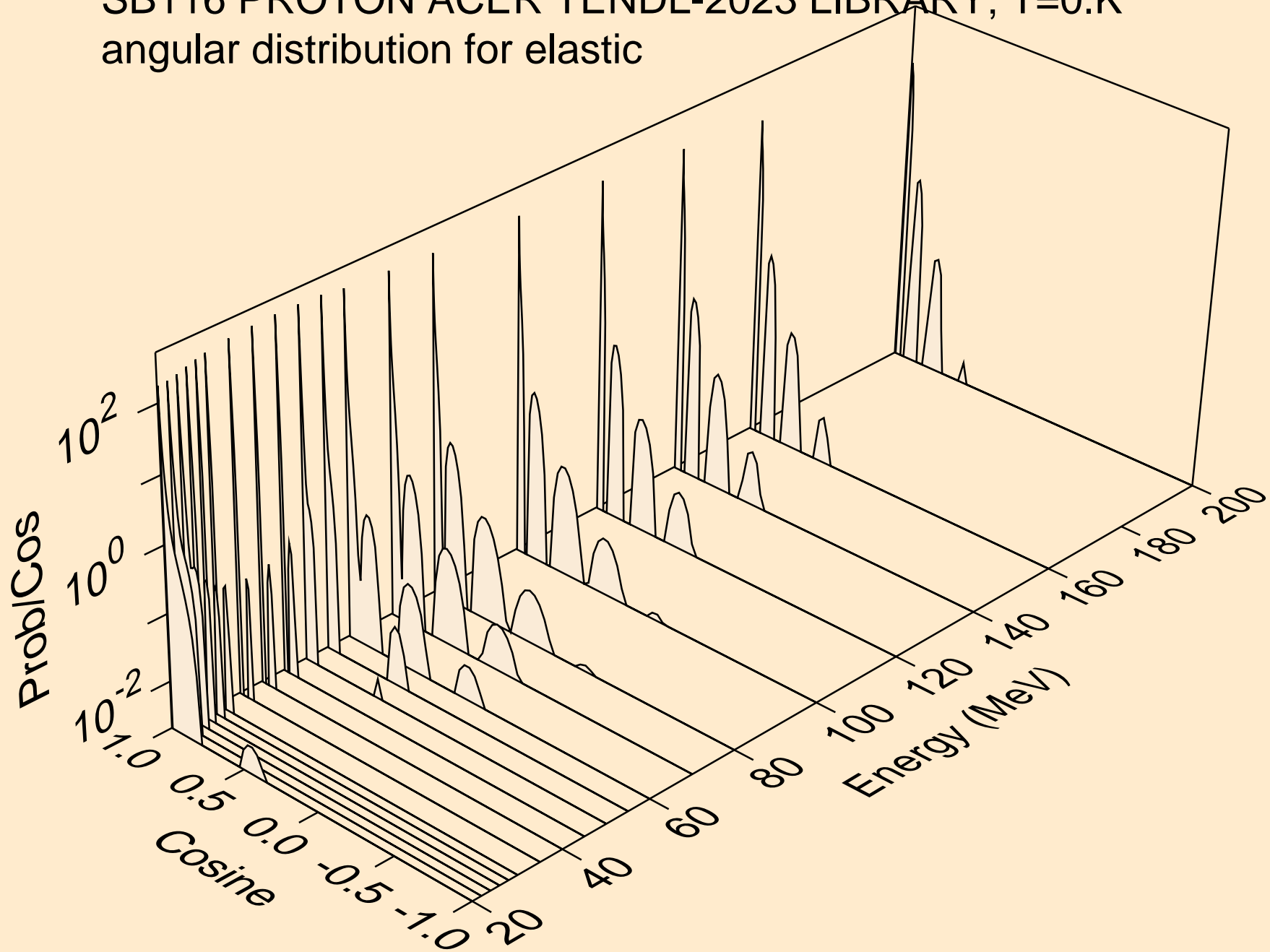


SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

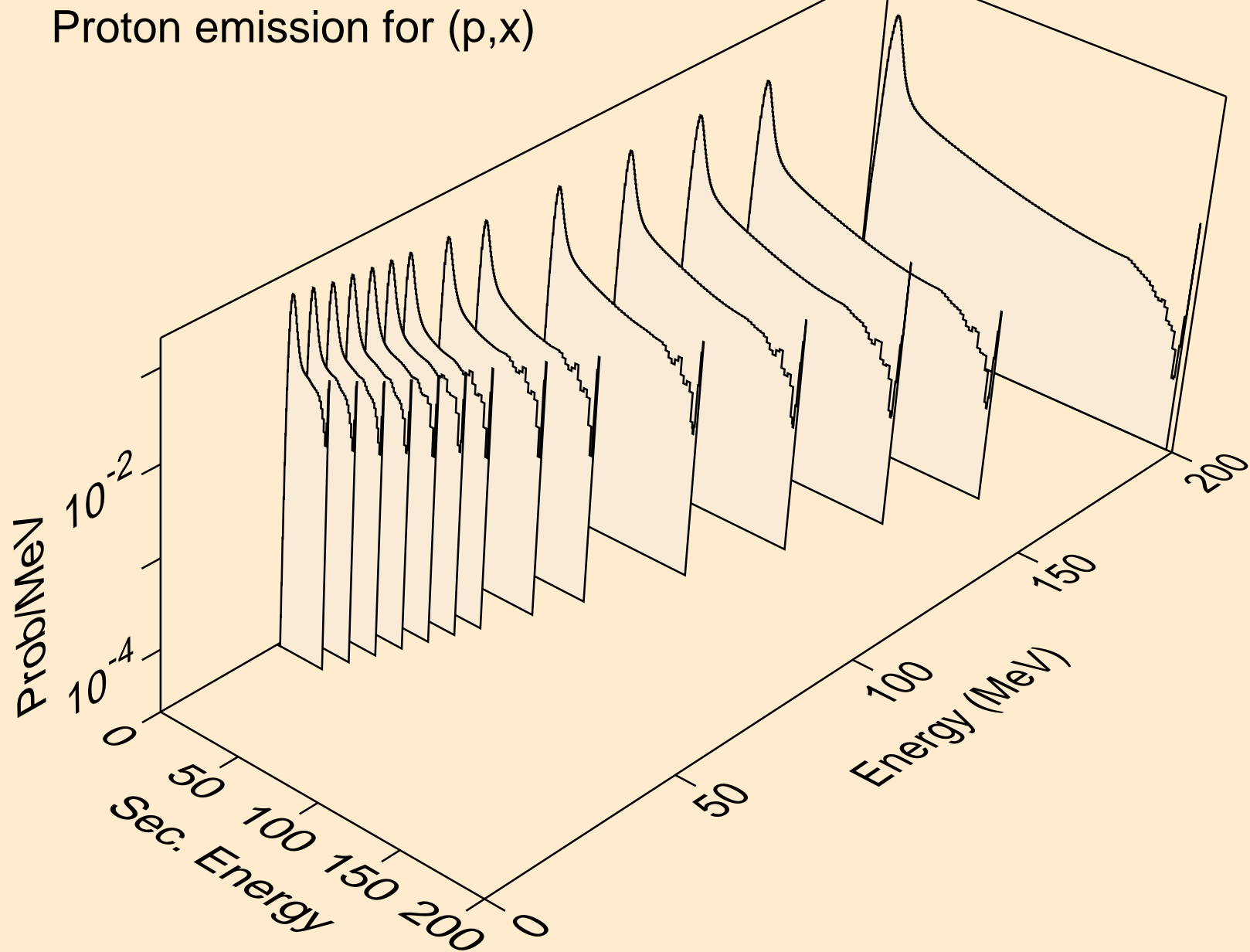




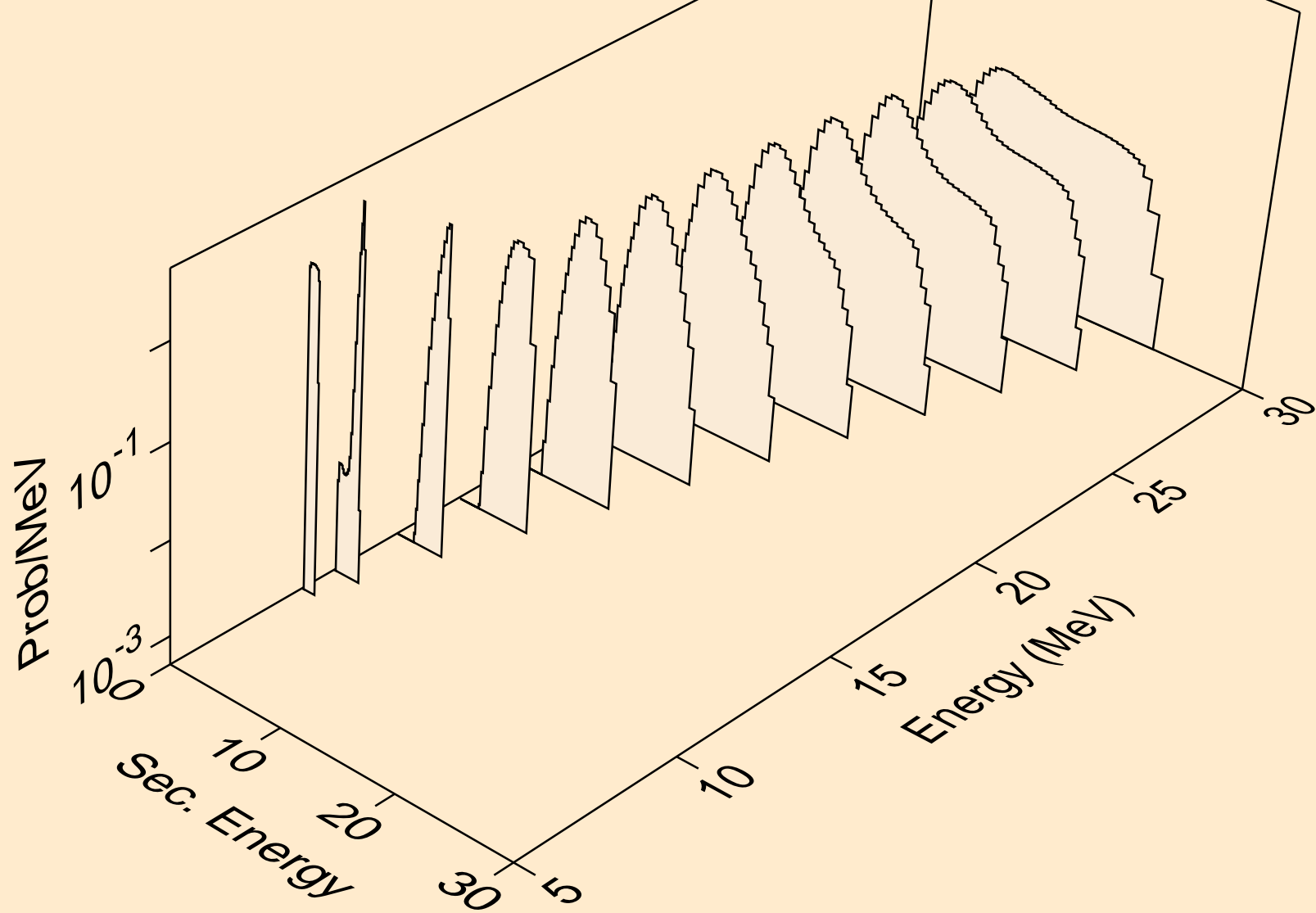
SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



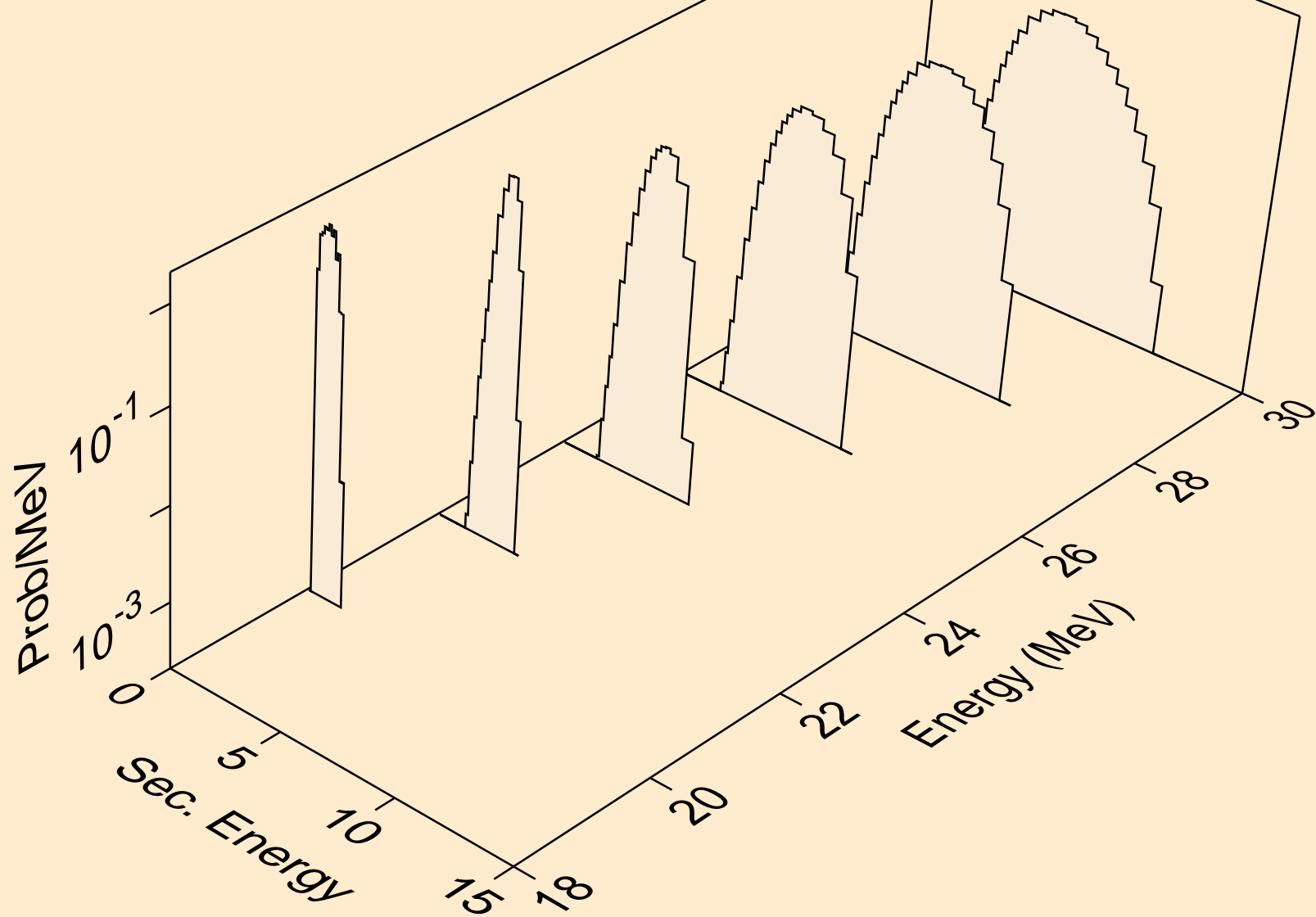
SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



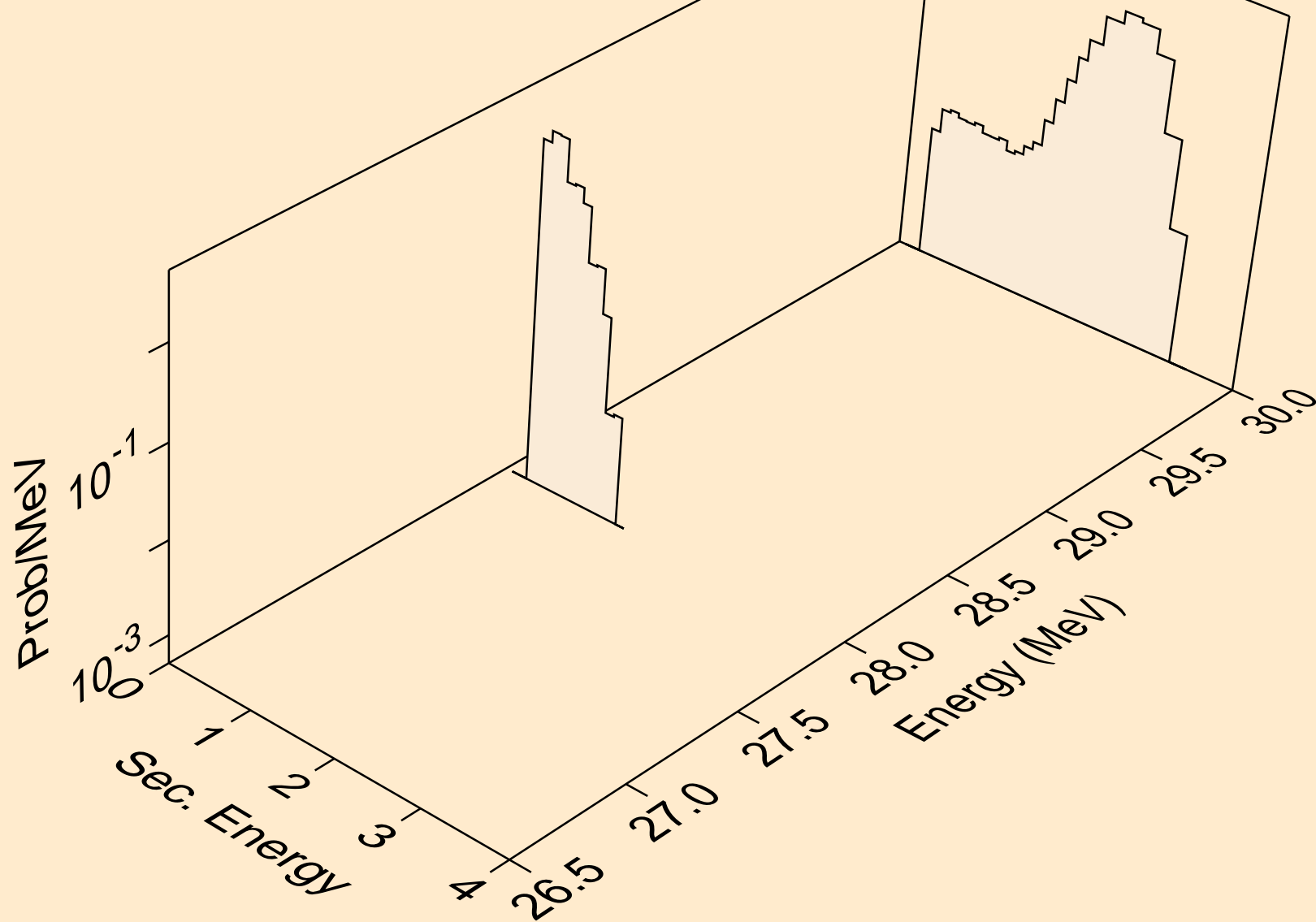
SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



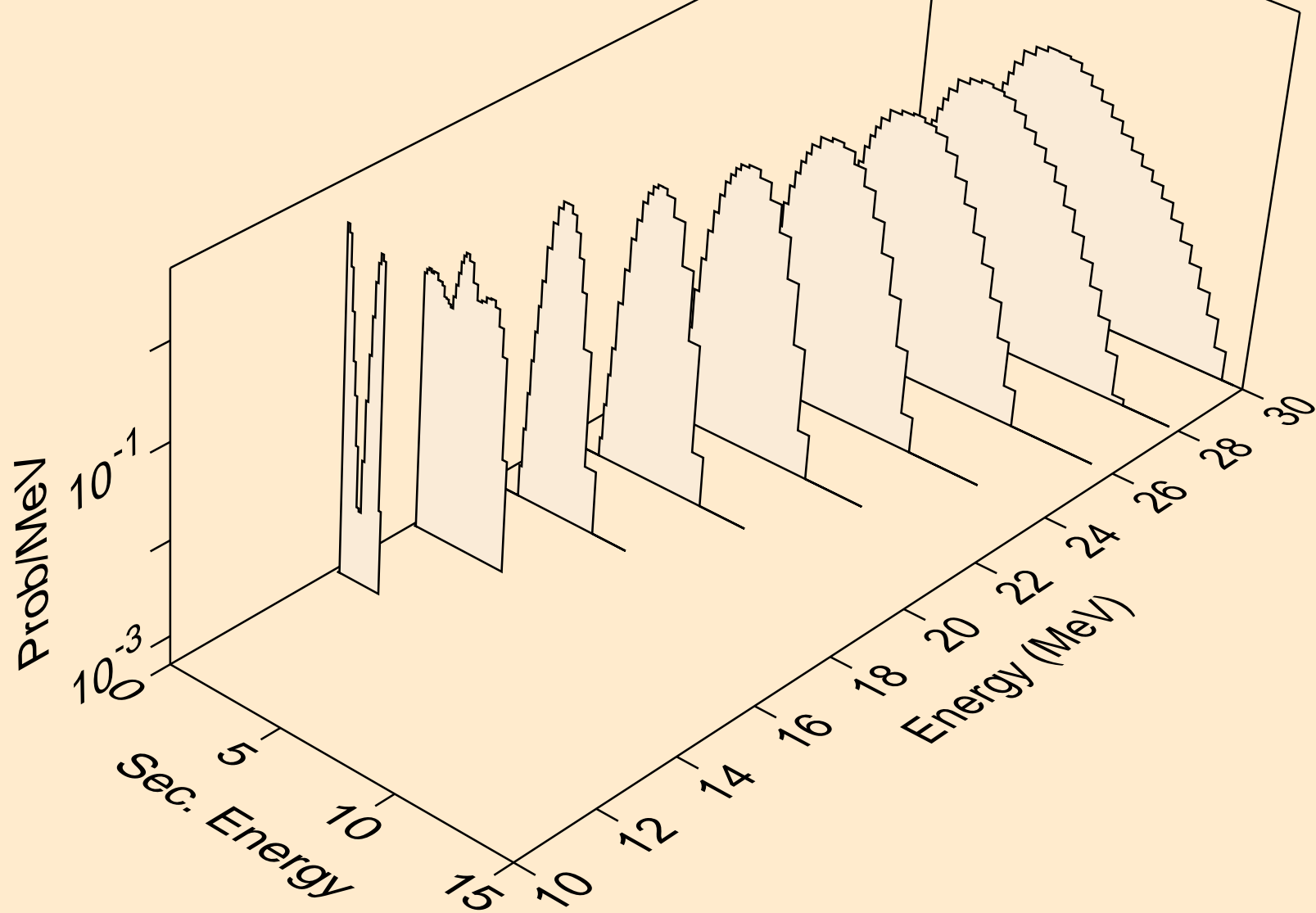
SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



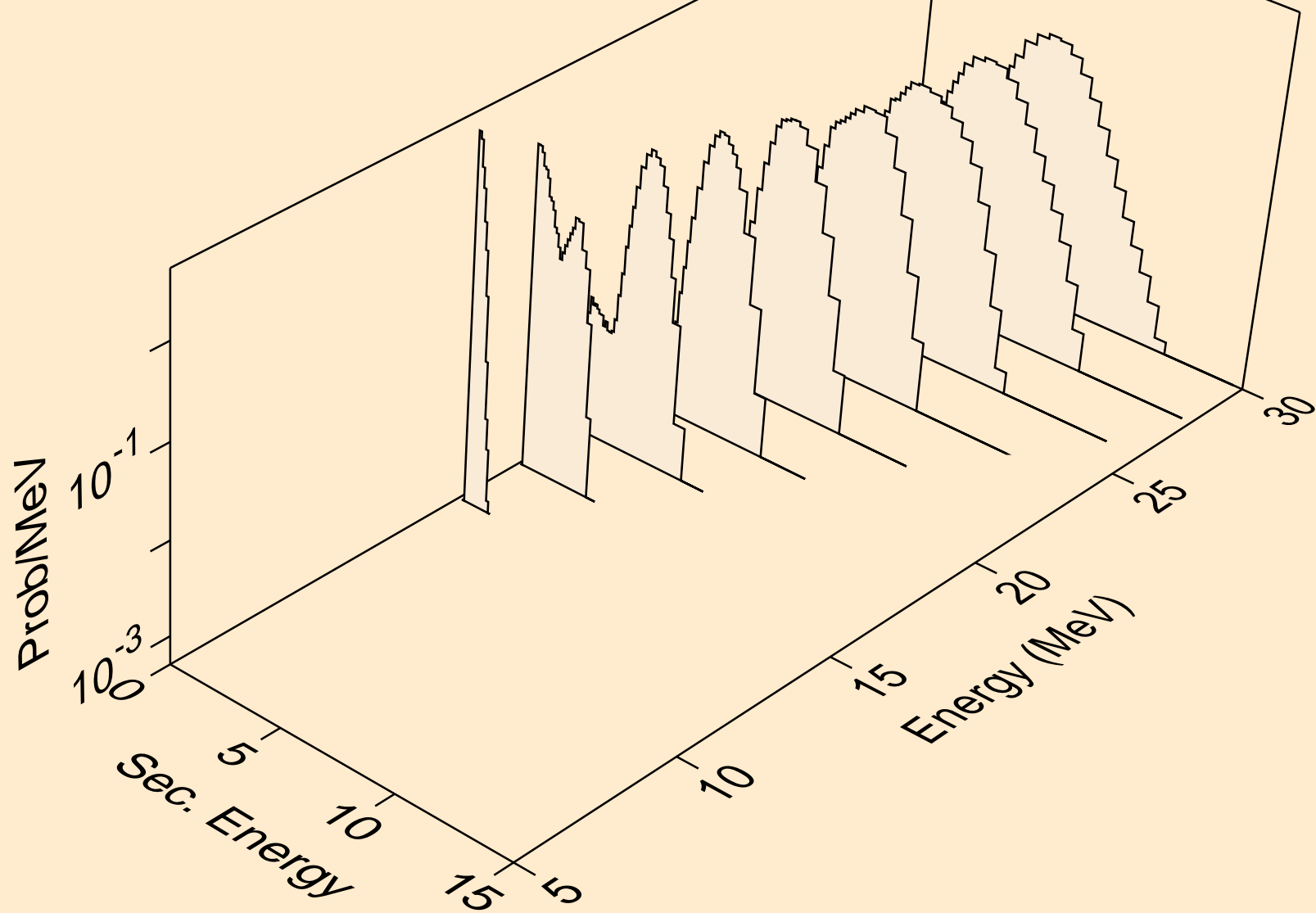
SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,3np)



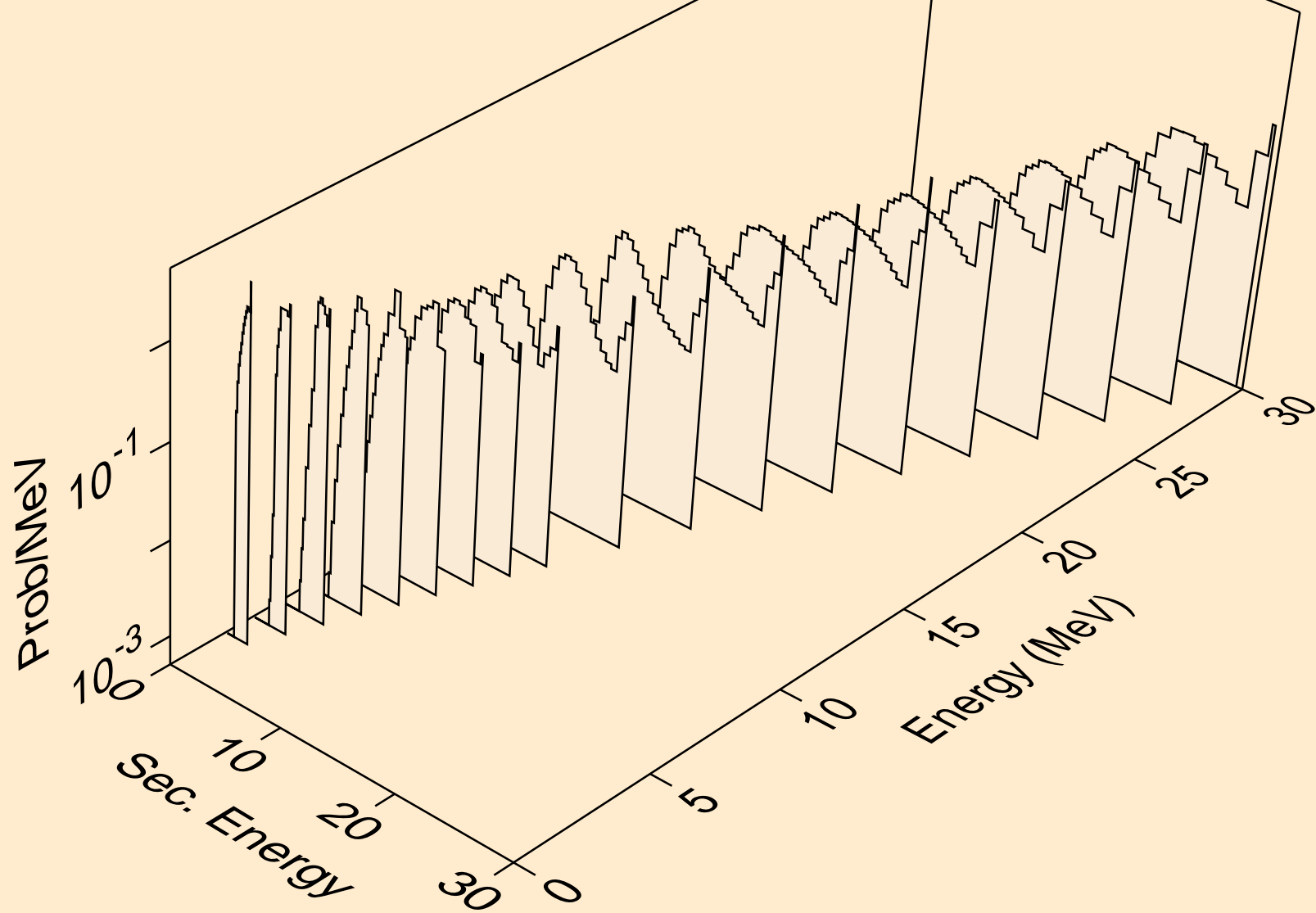
SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)



SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,npa)

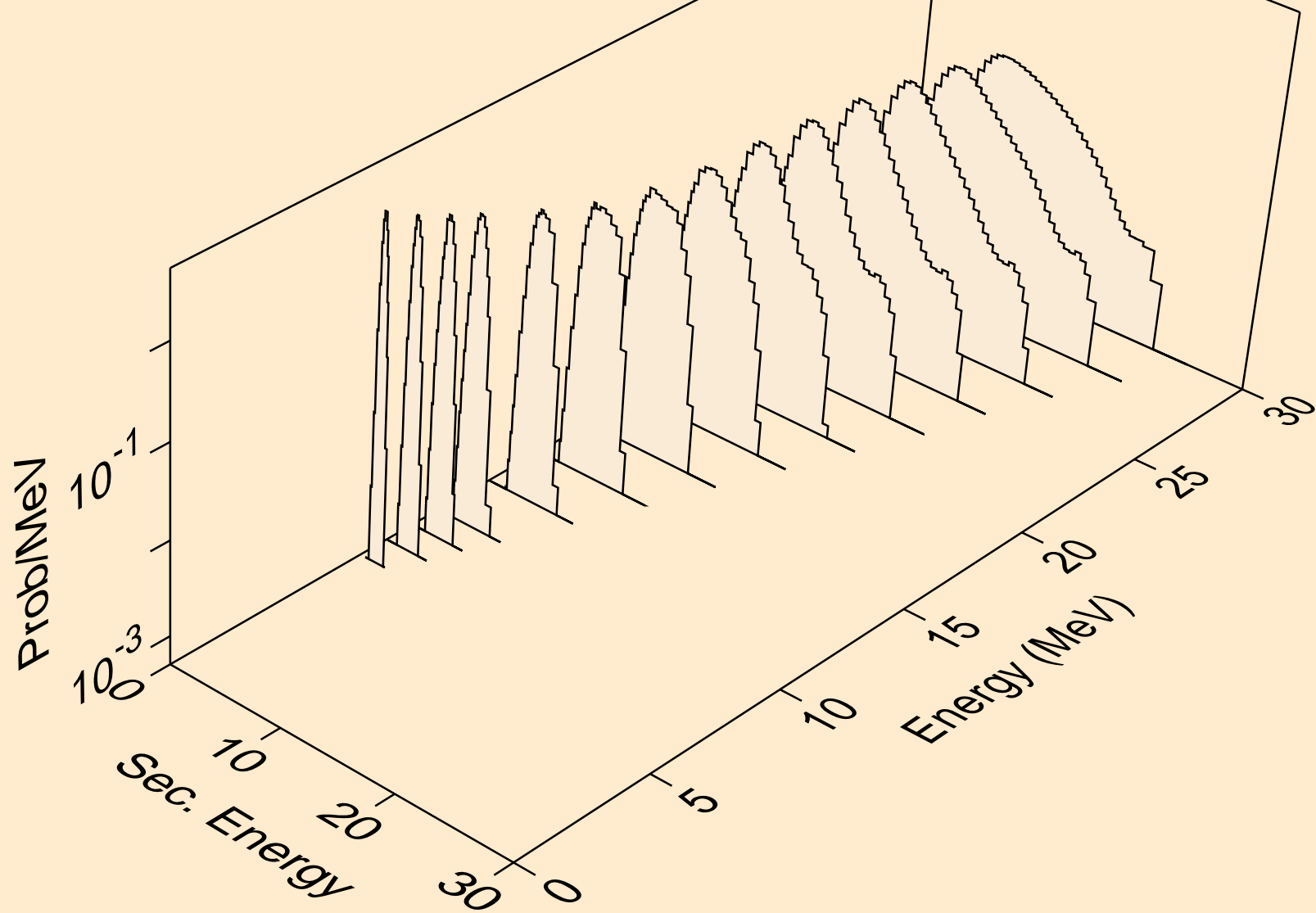


SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

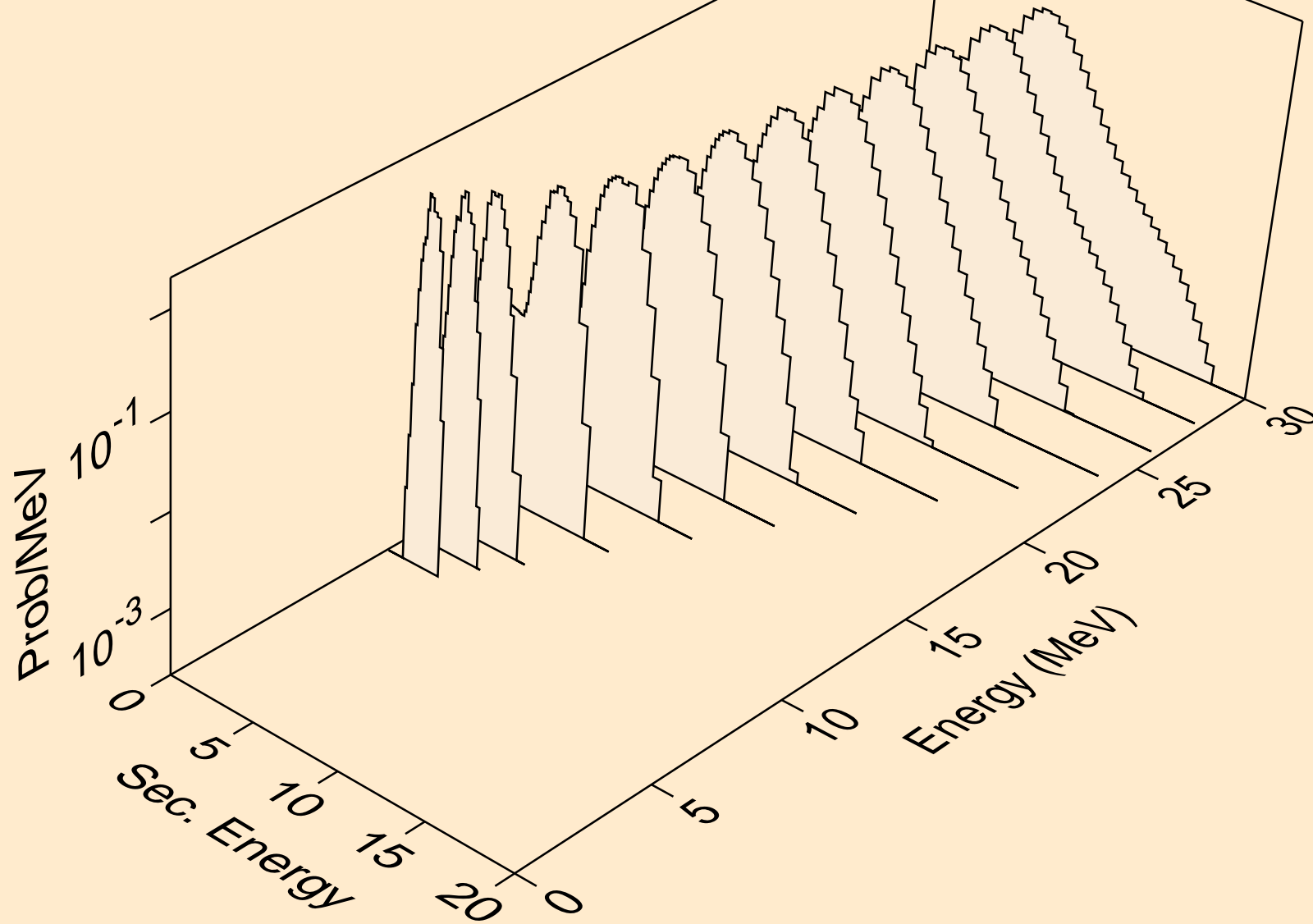




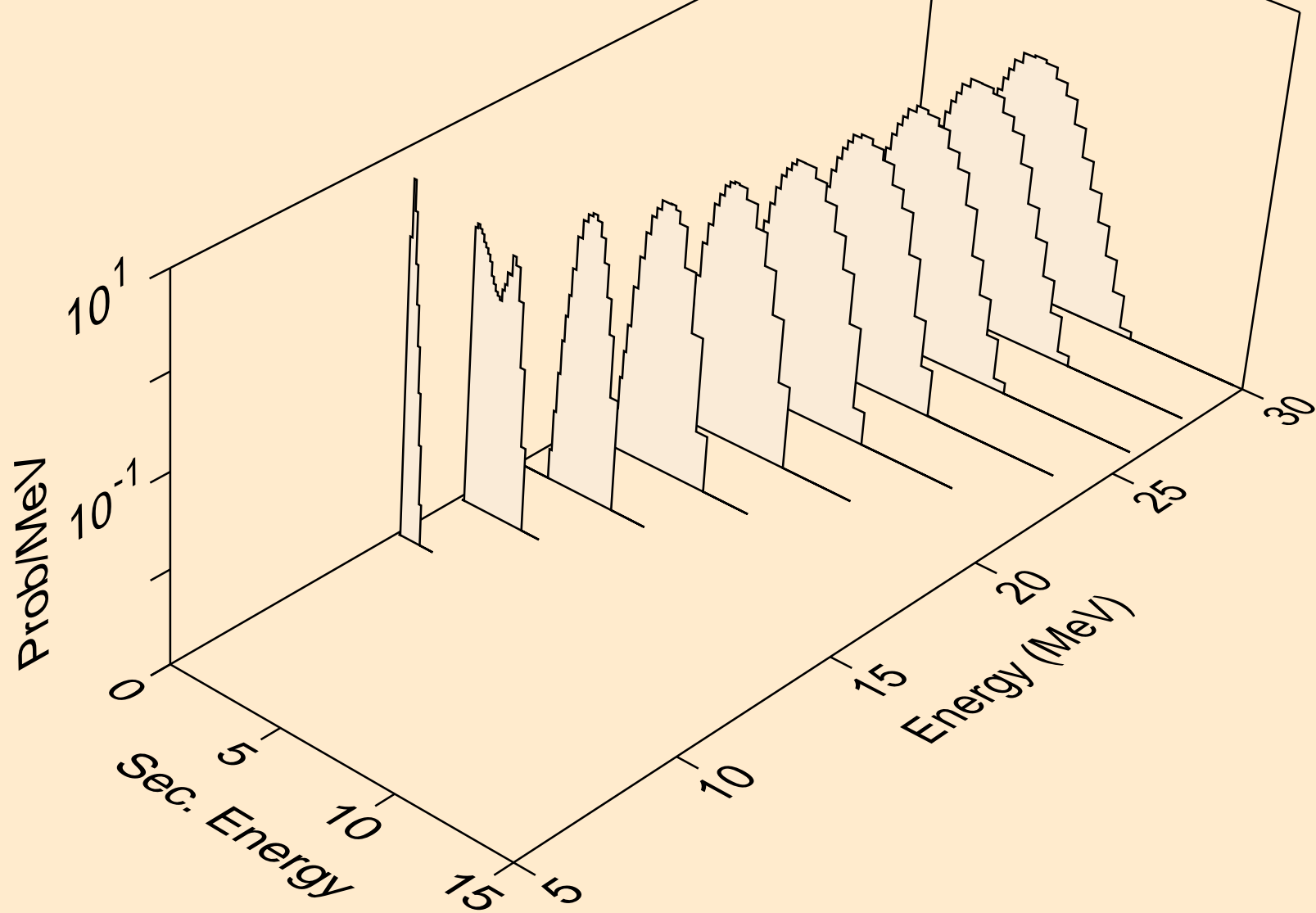
SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)



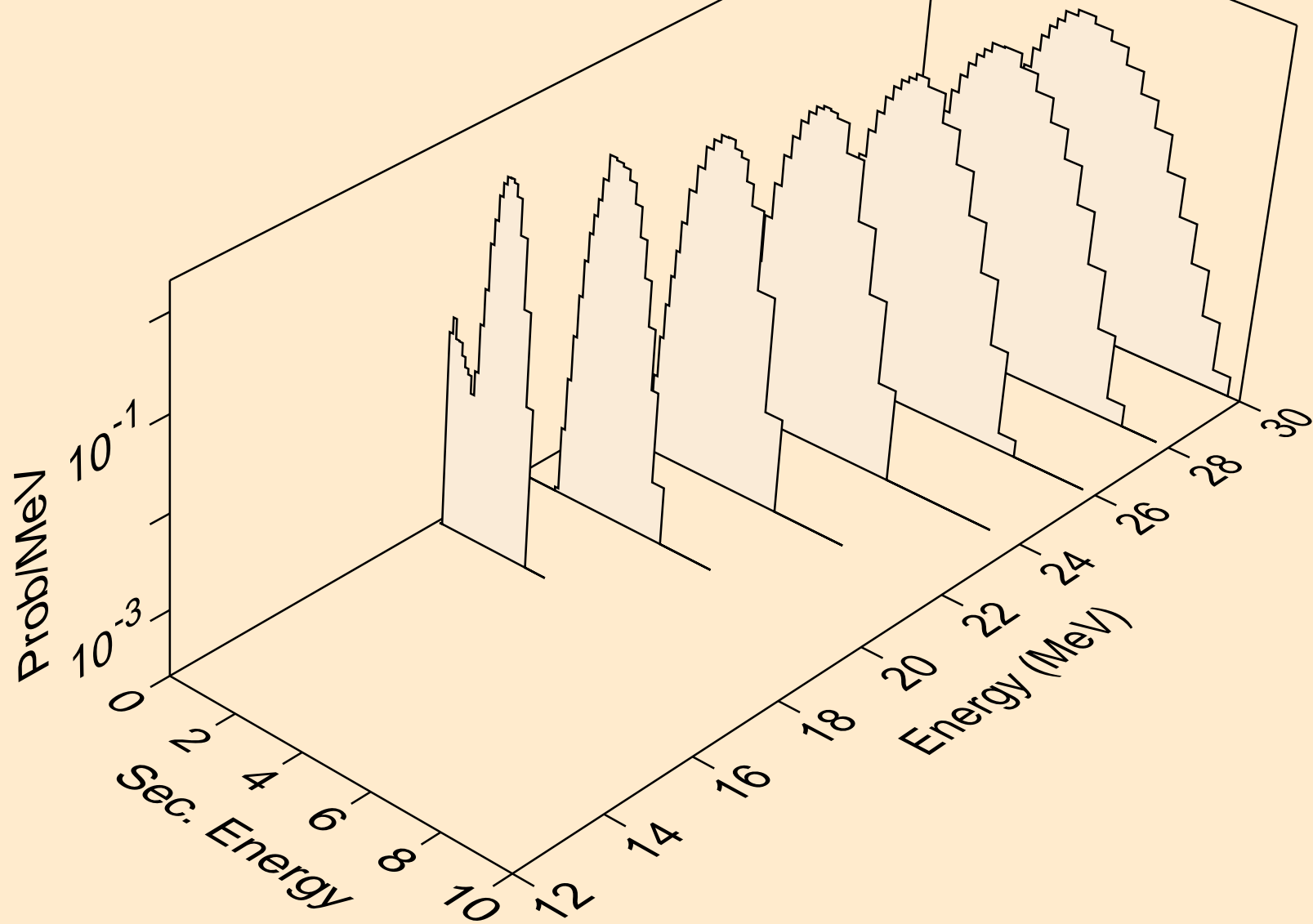
SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pa)



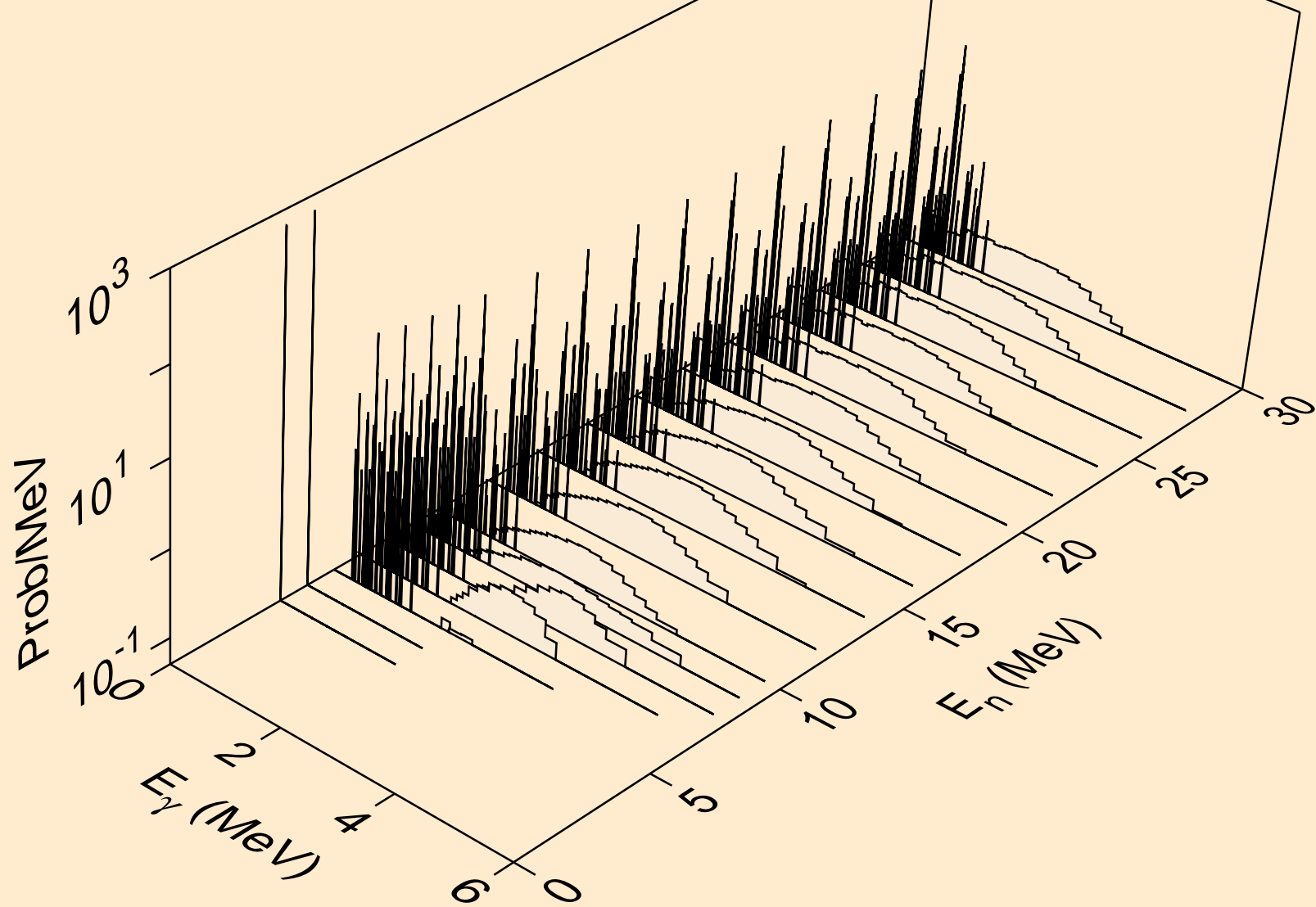
SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pd)



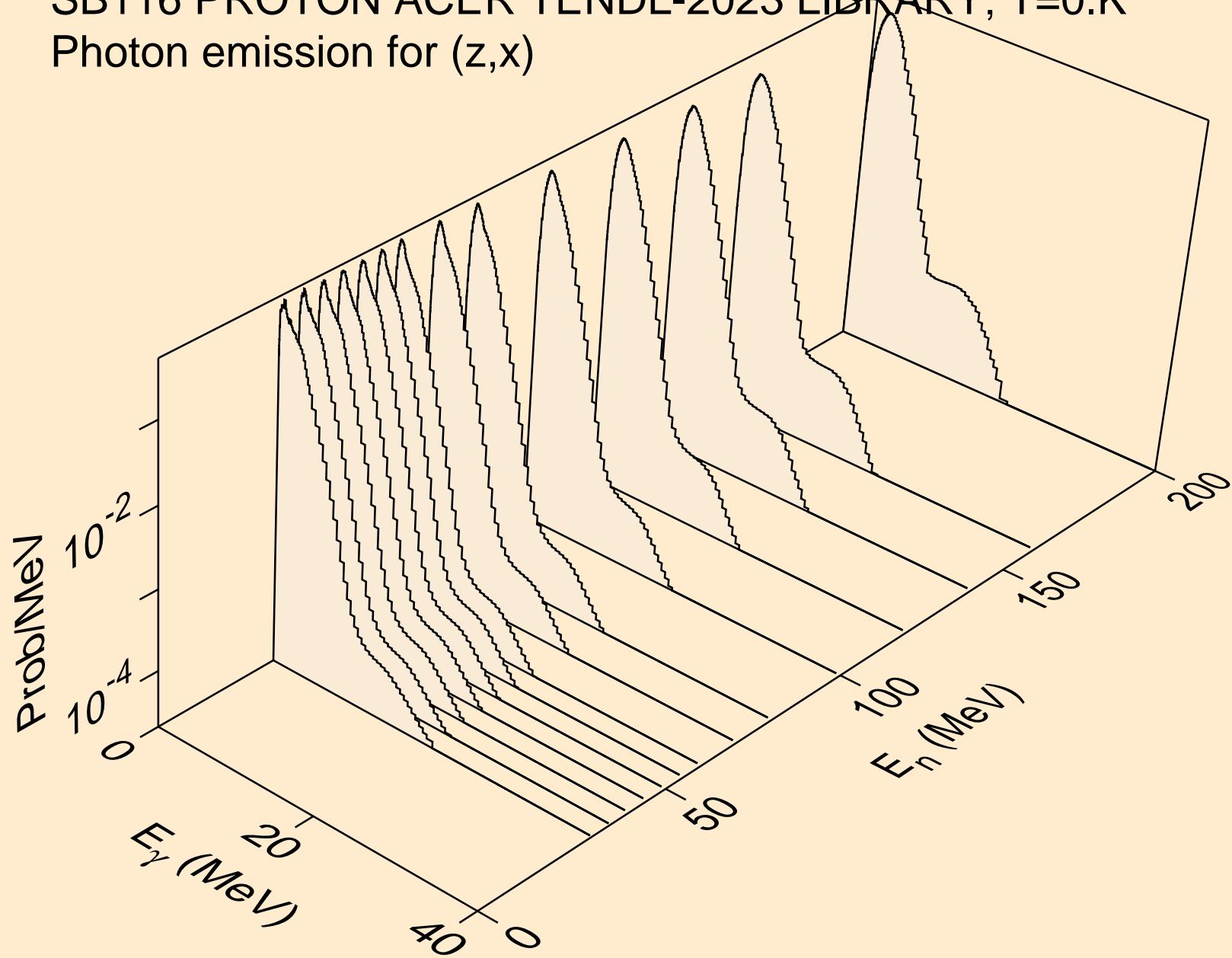
SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pt)



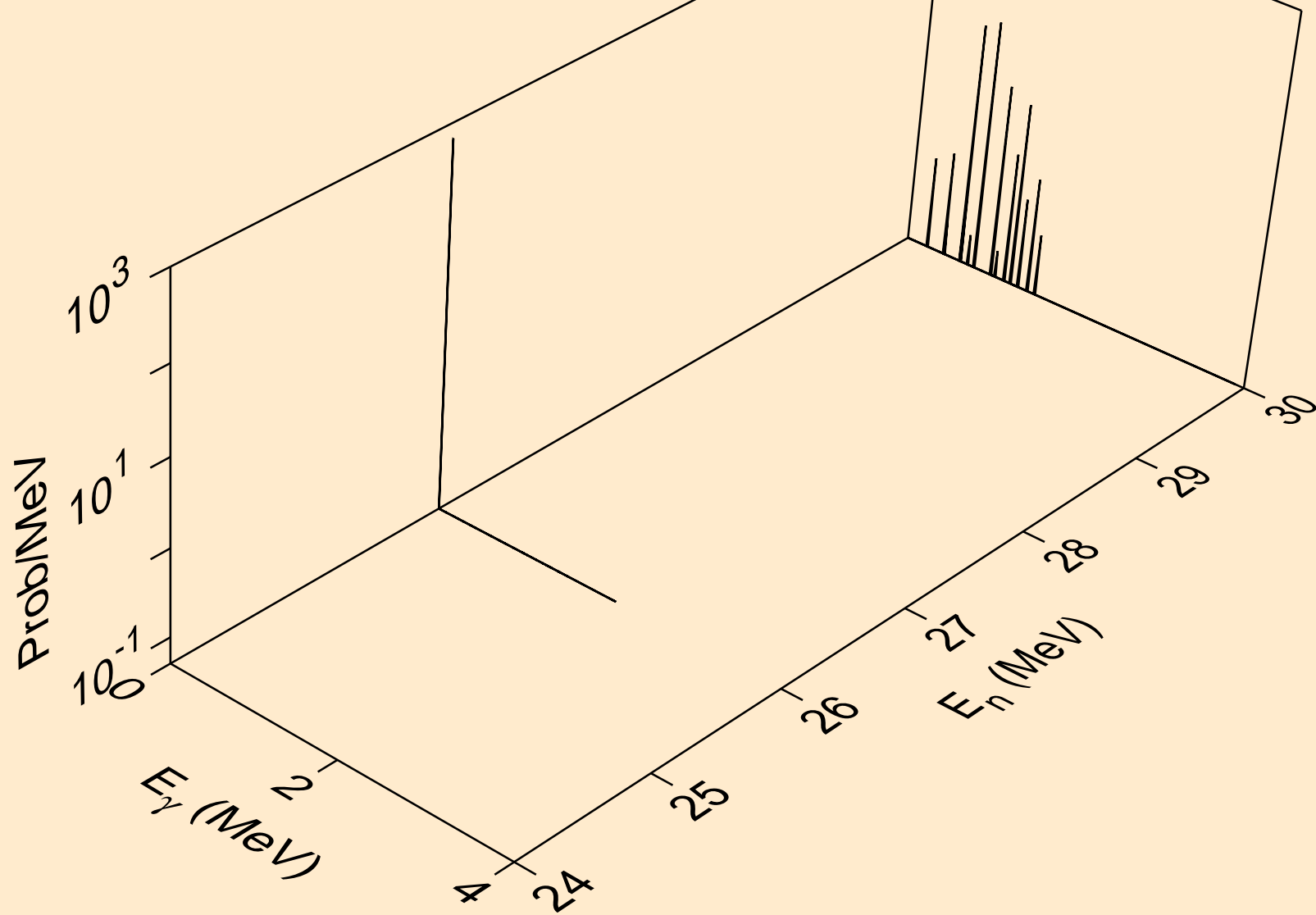
SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



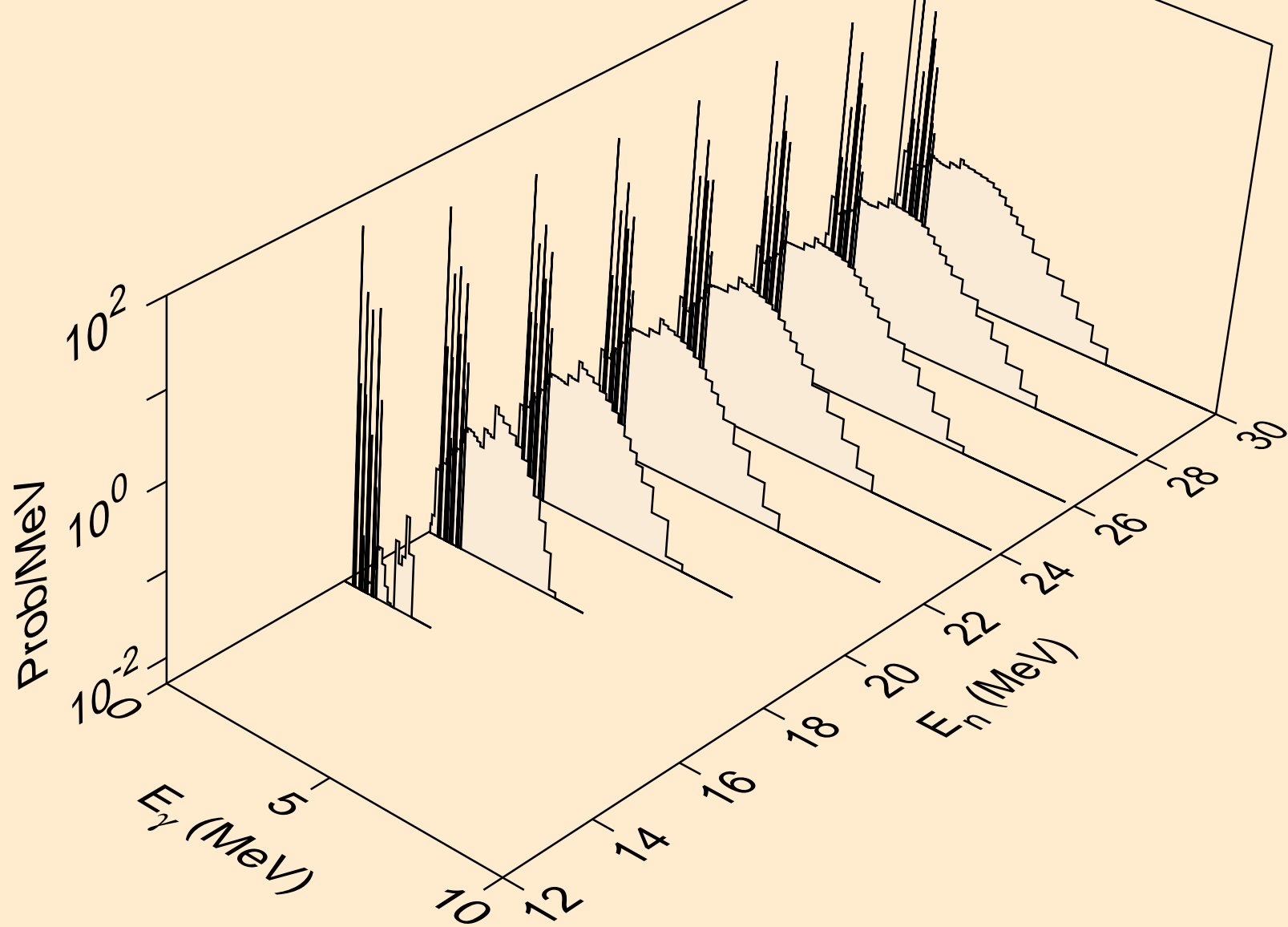
SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)

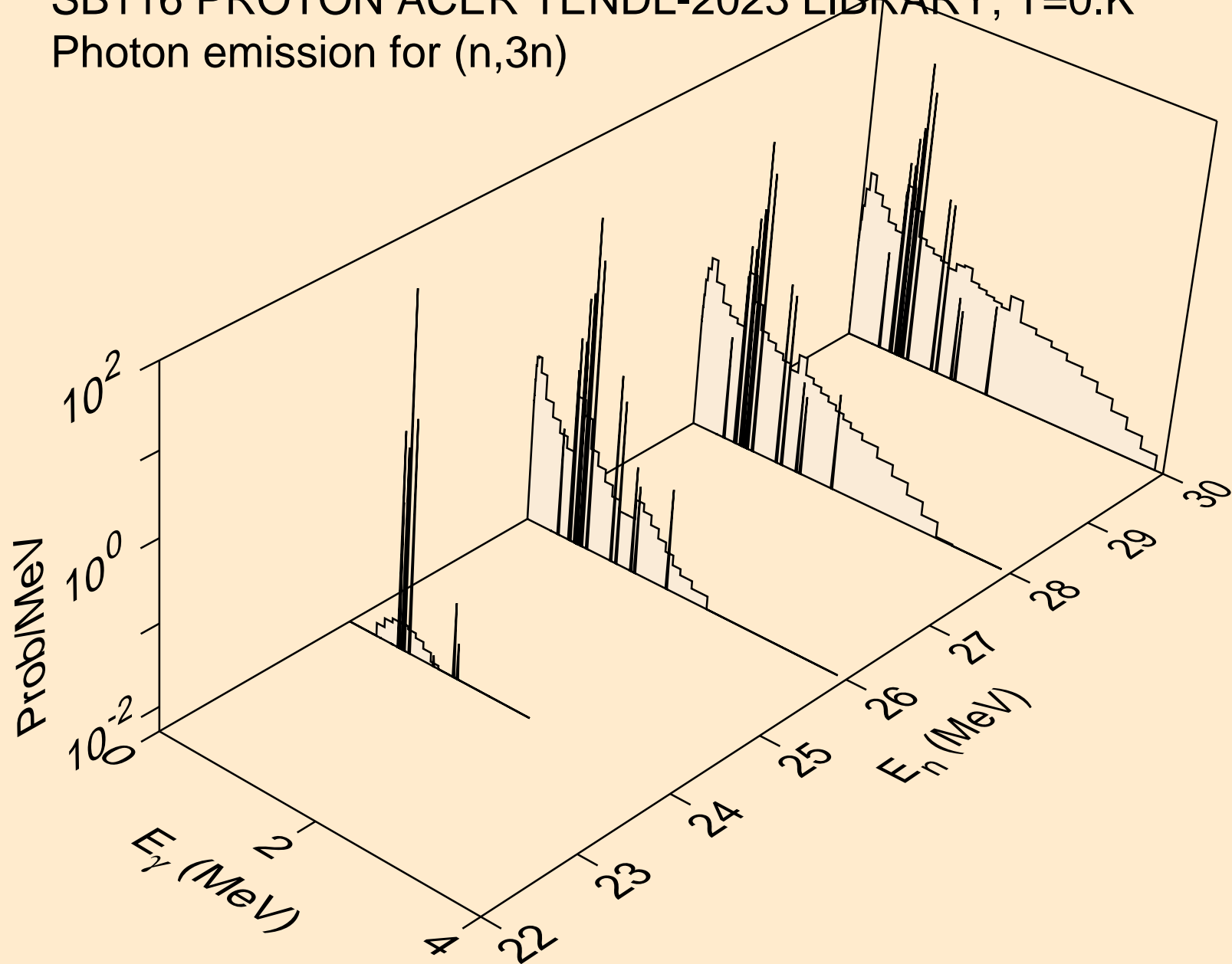


SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

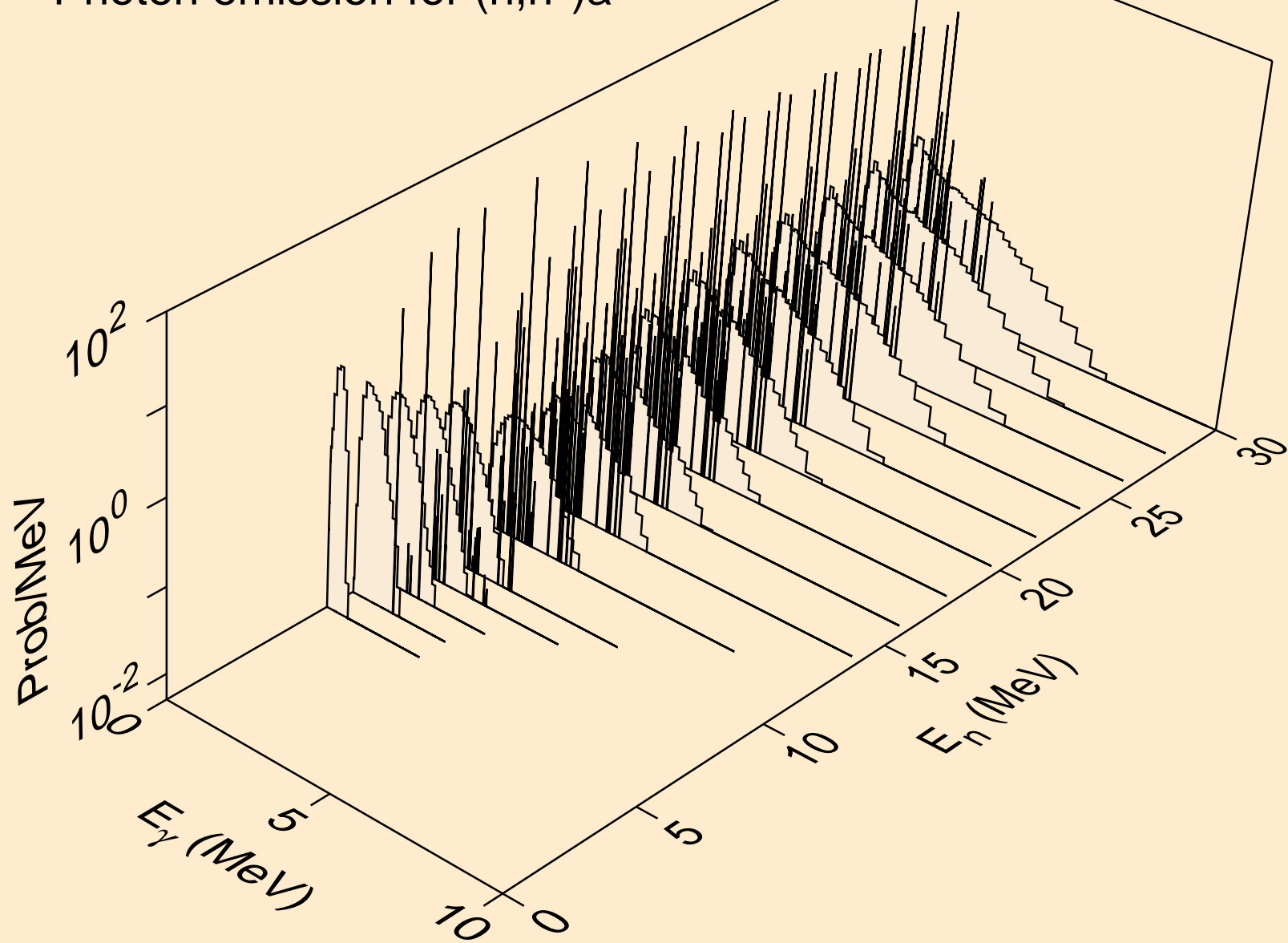




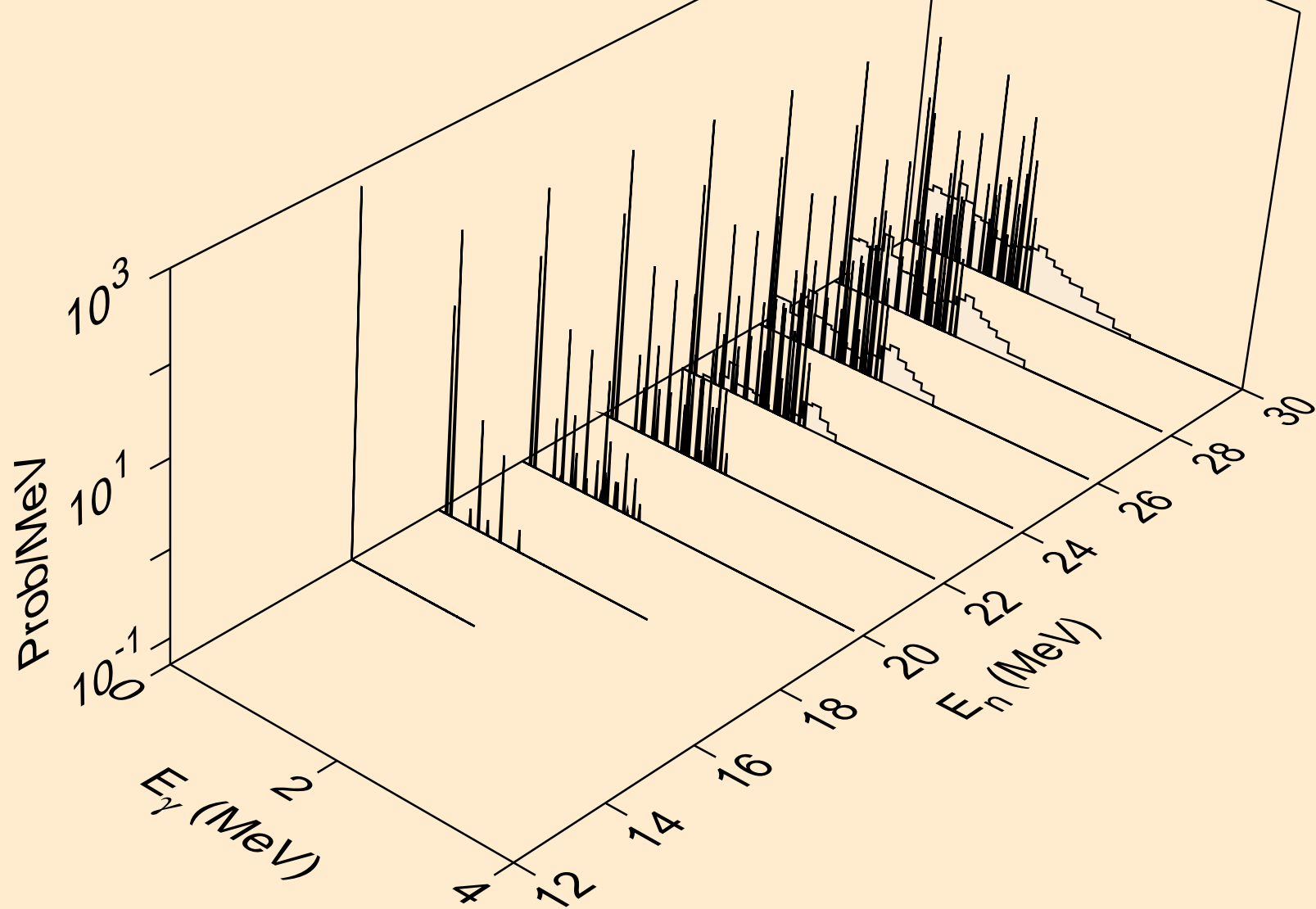
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Photon emission for (n,3n)



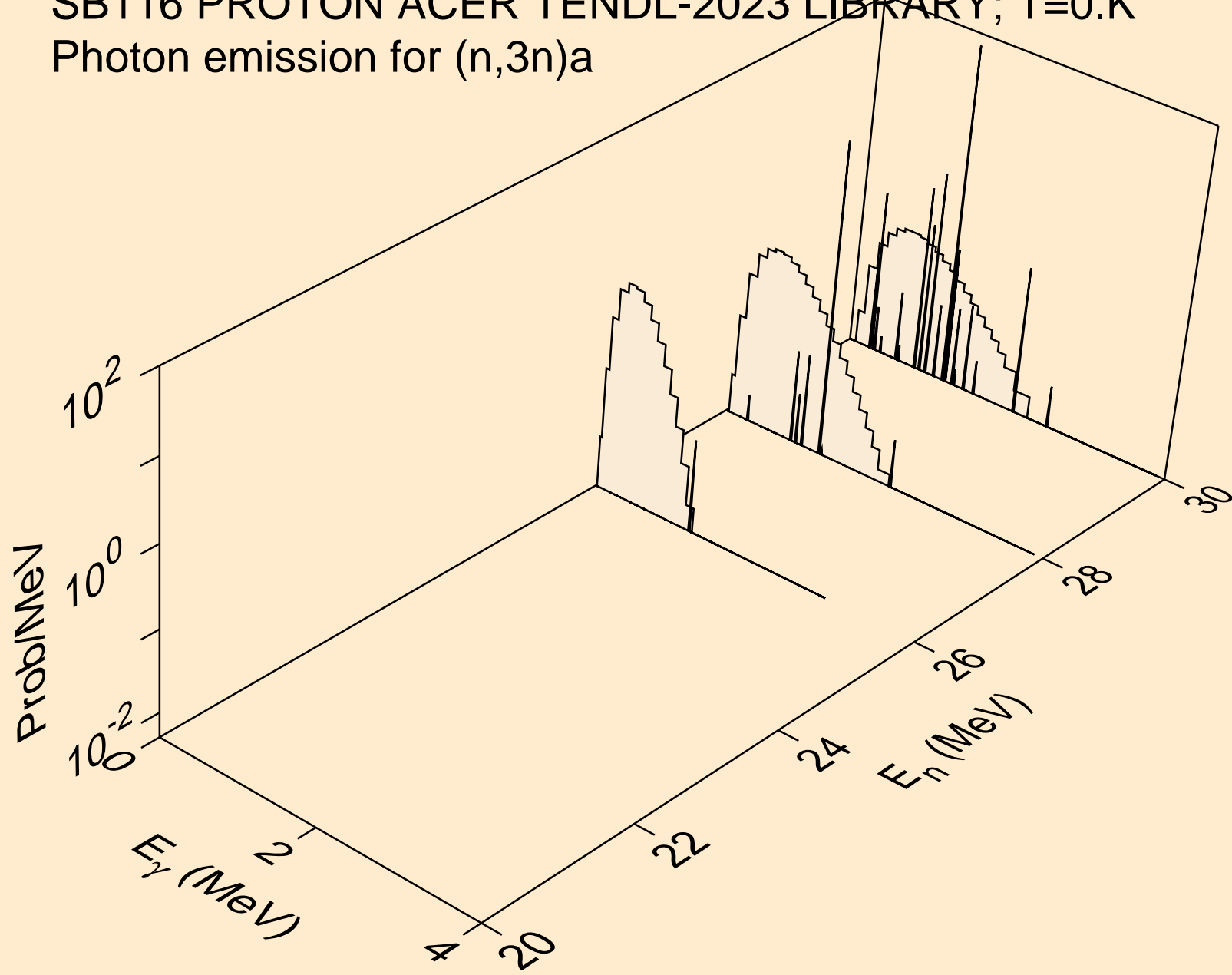
SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



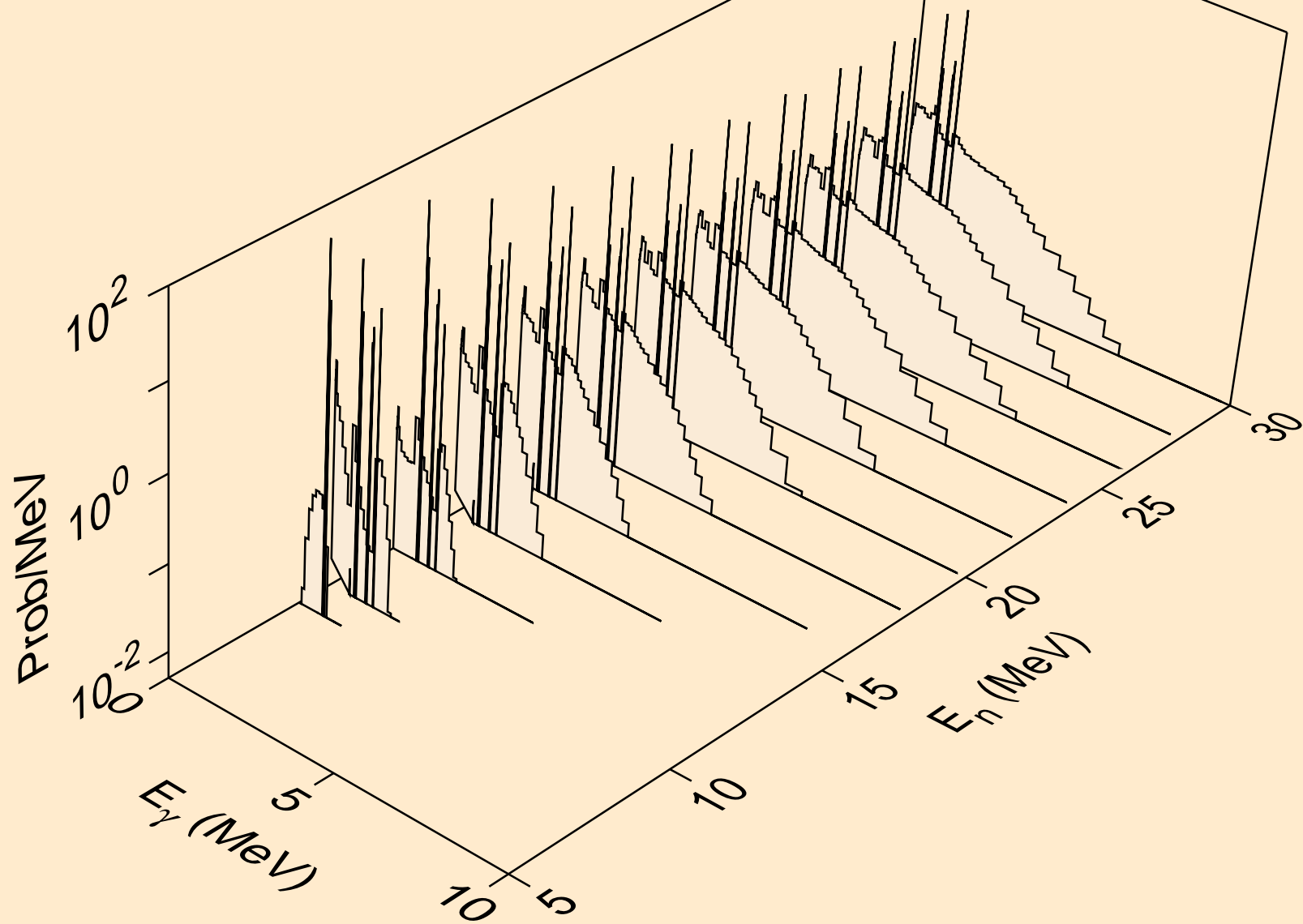
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Photon emission for (n,2n)a



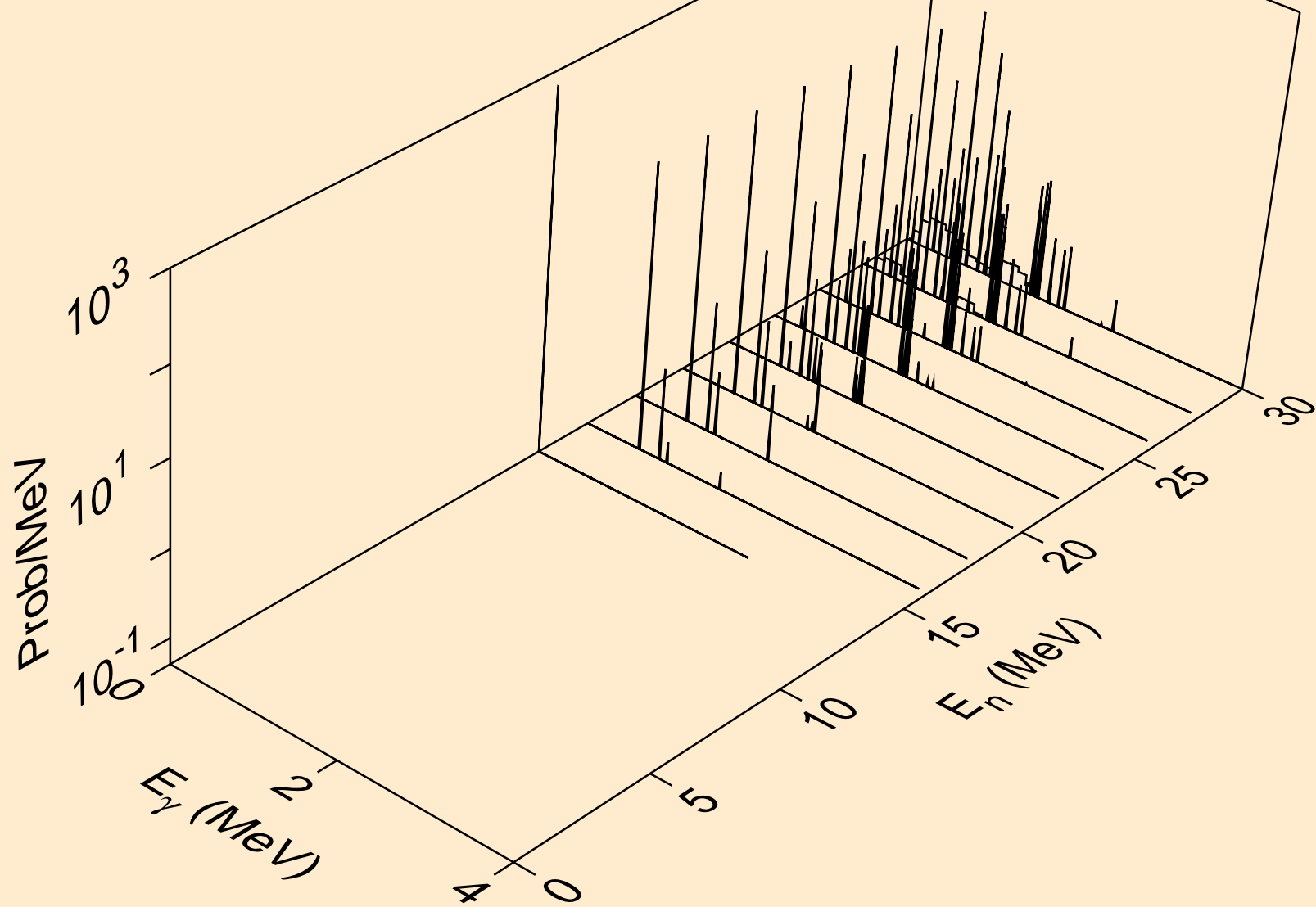
SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



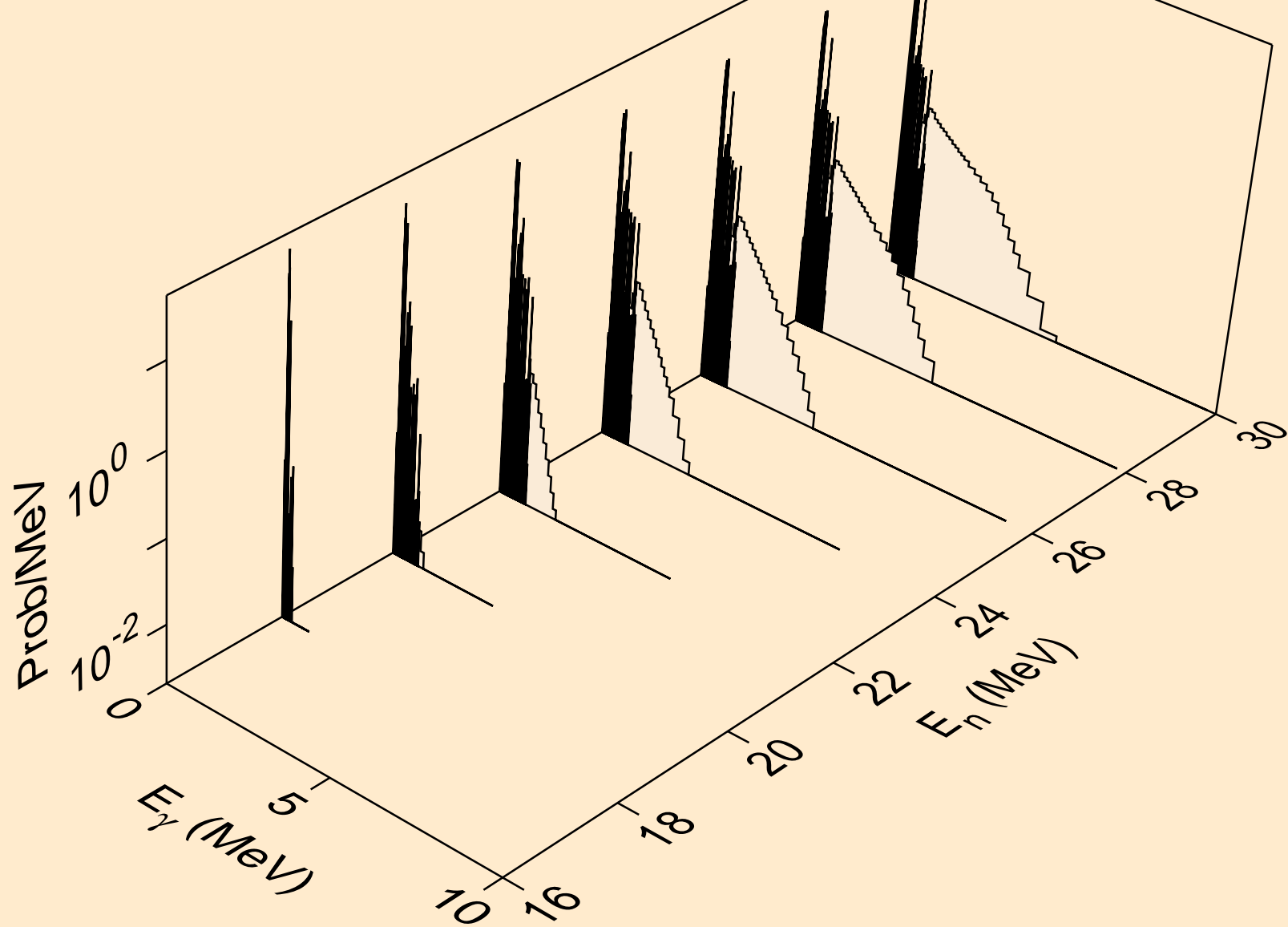
SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



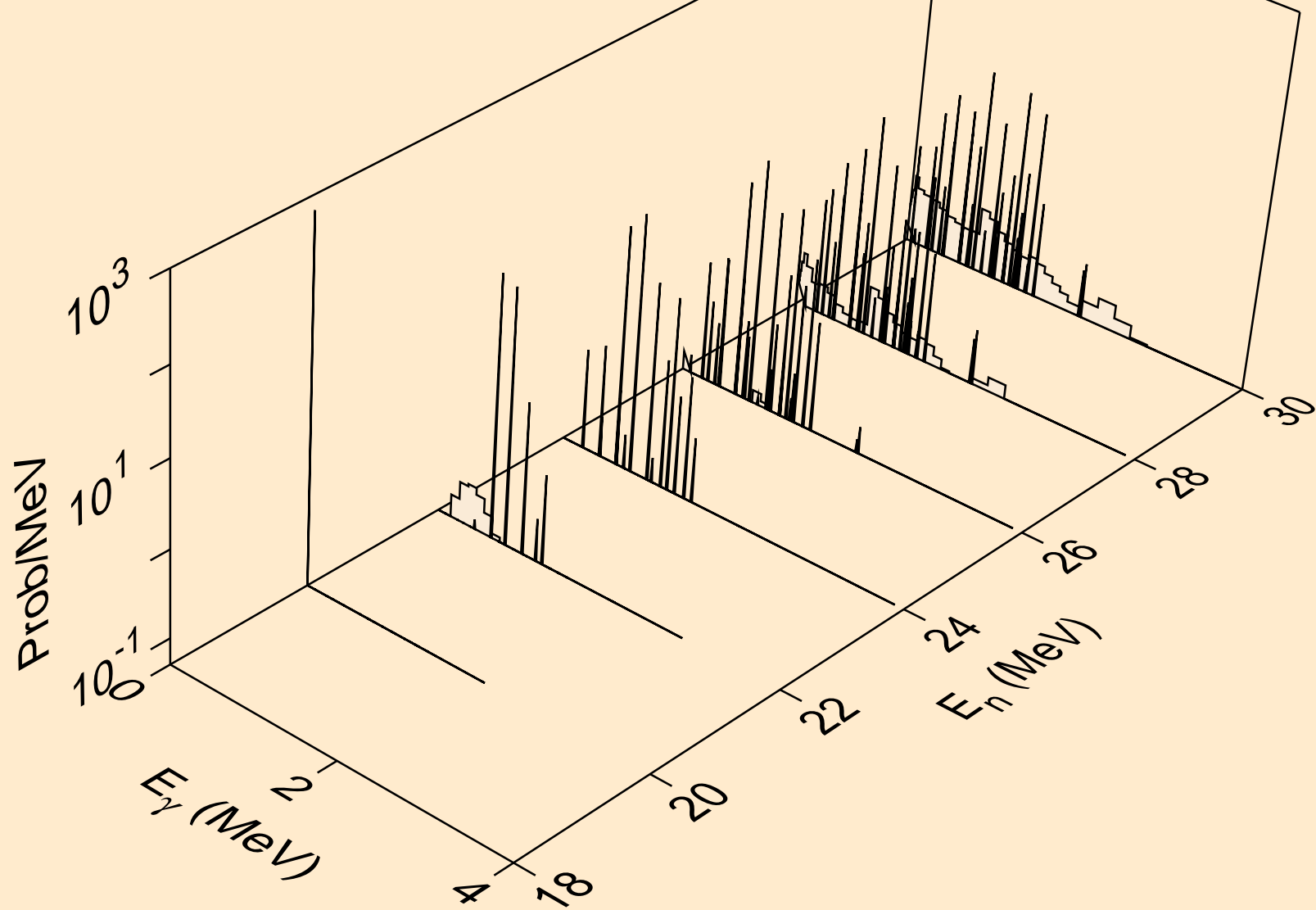
SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

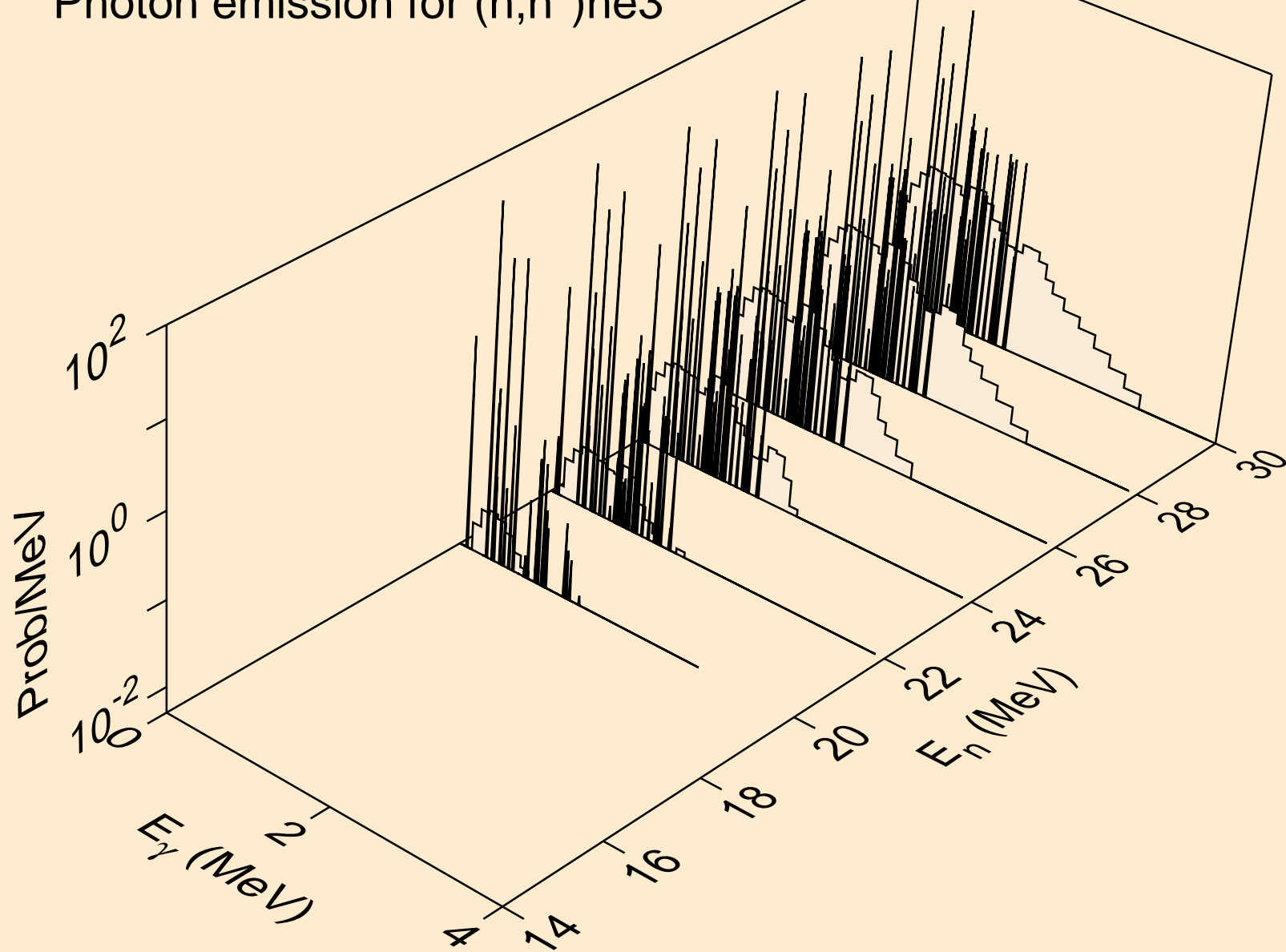


SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

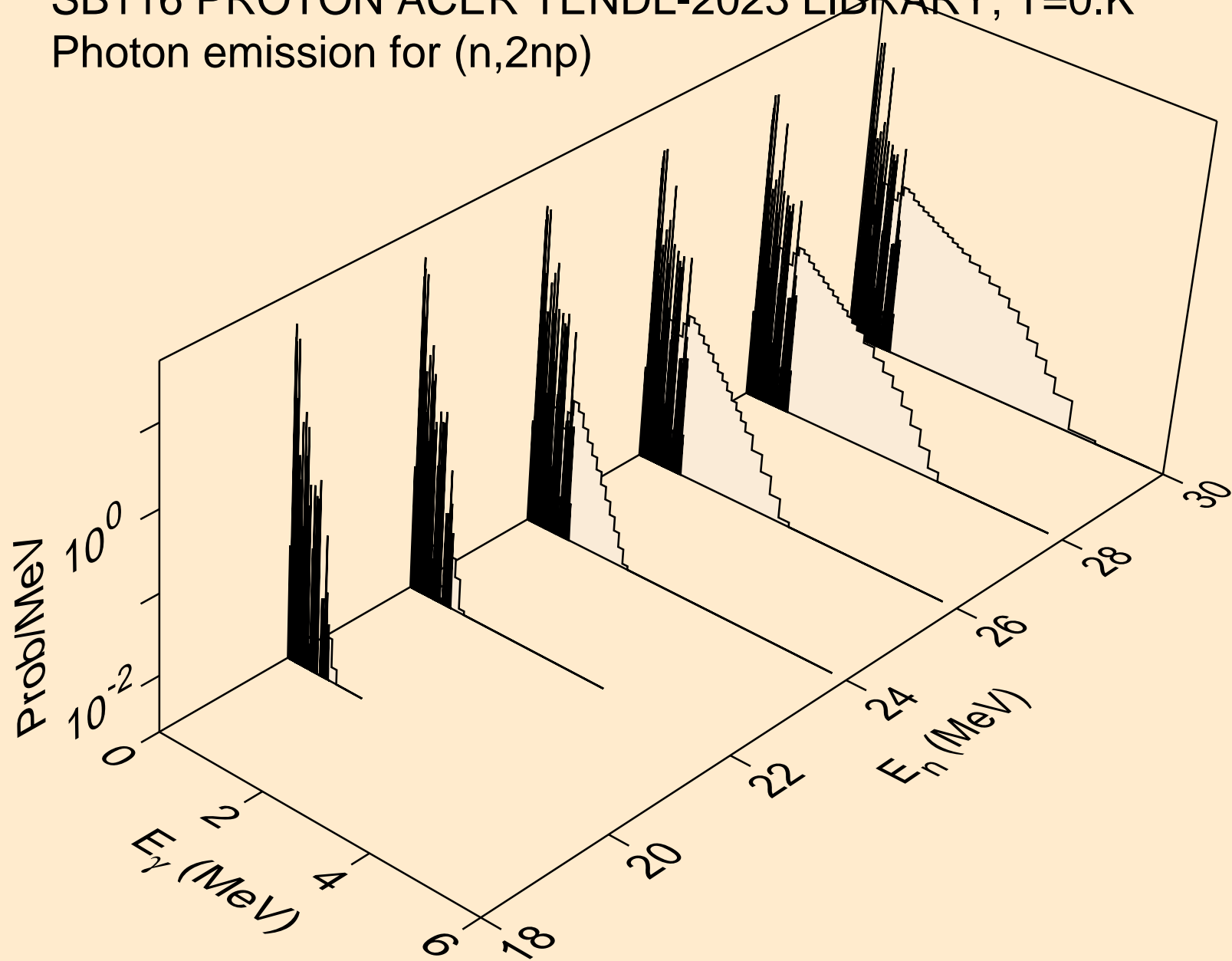




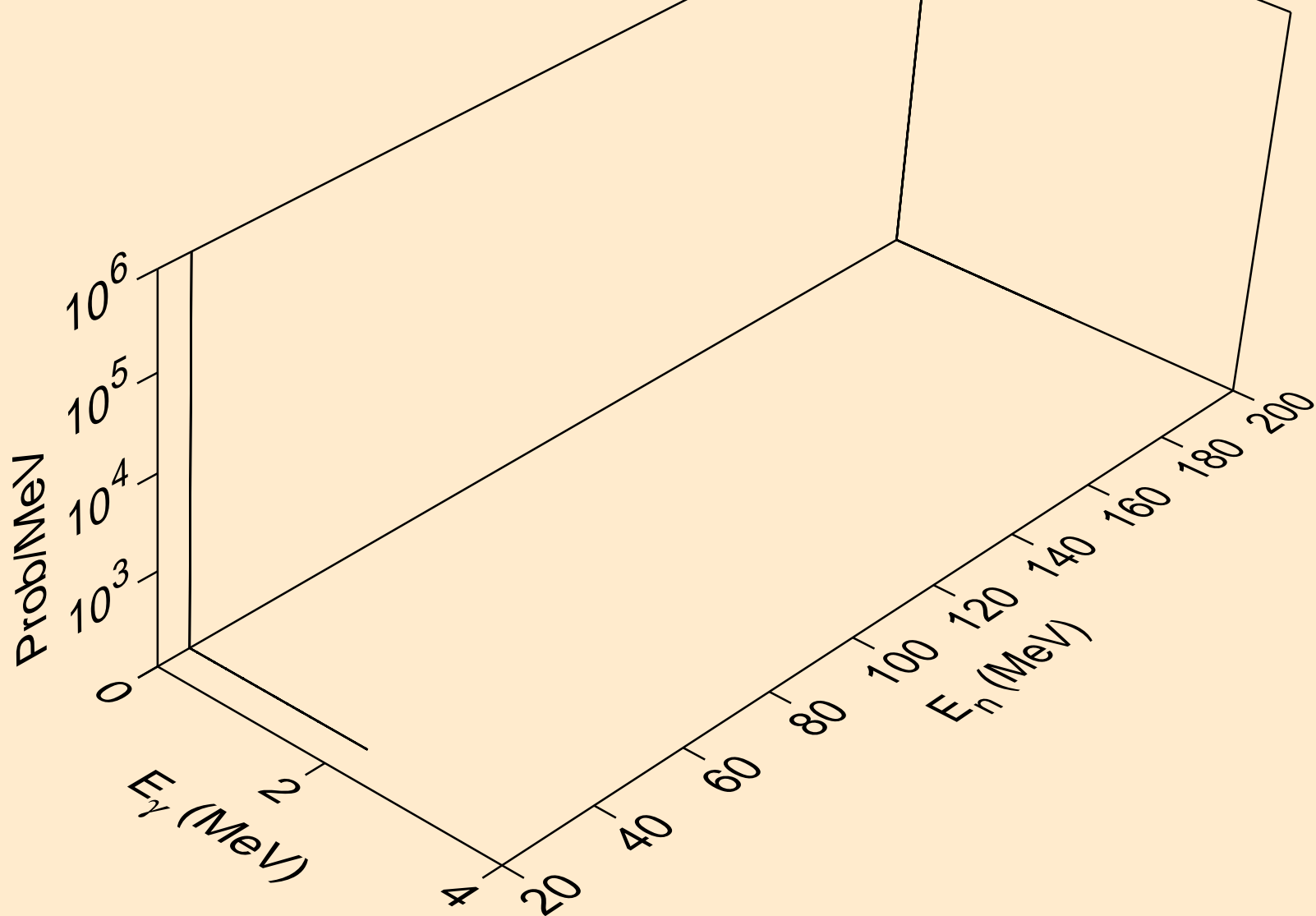
SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



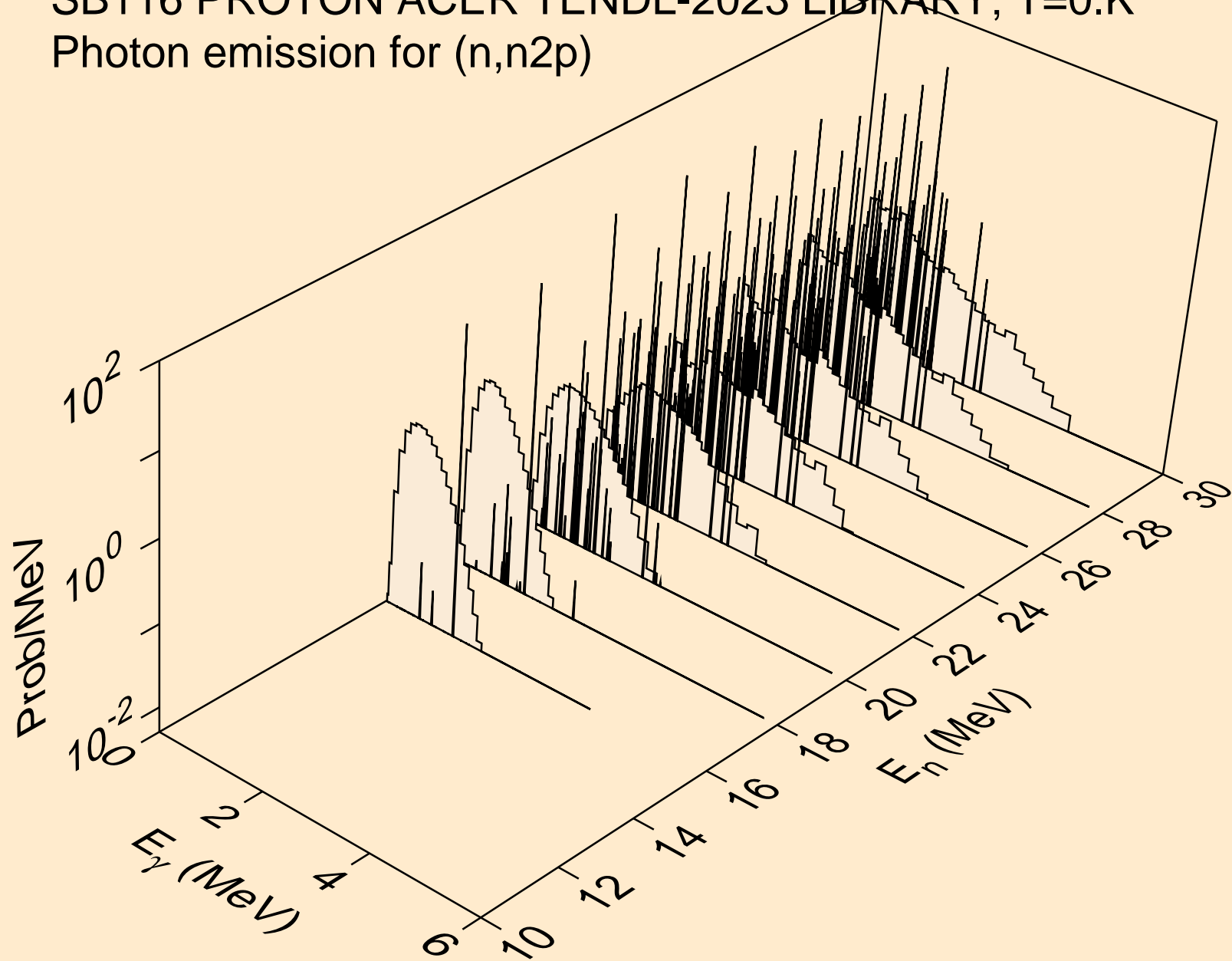
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Photon emission for (n,2np)



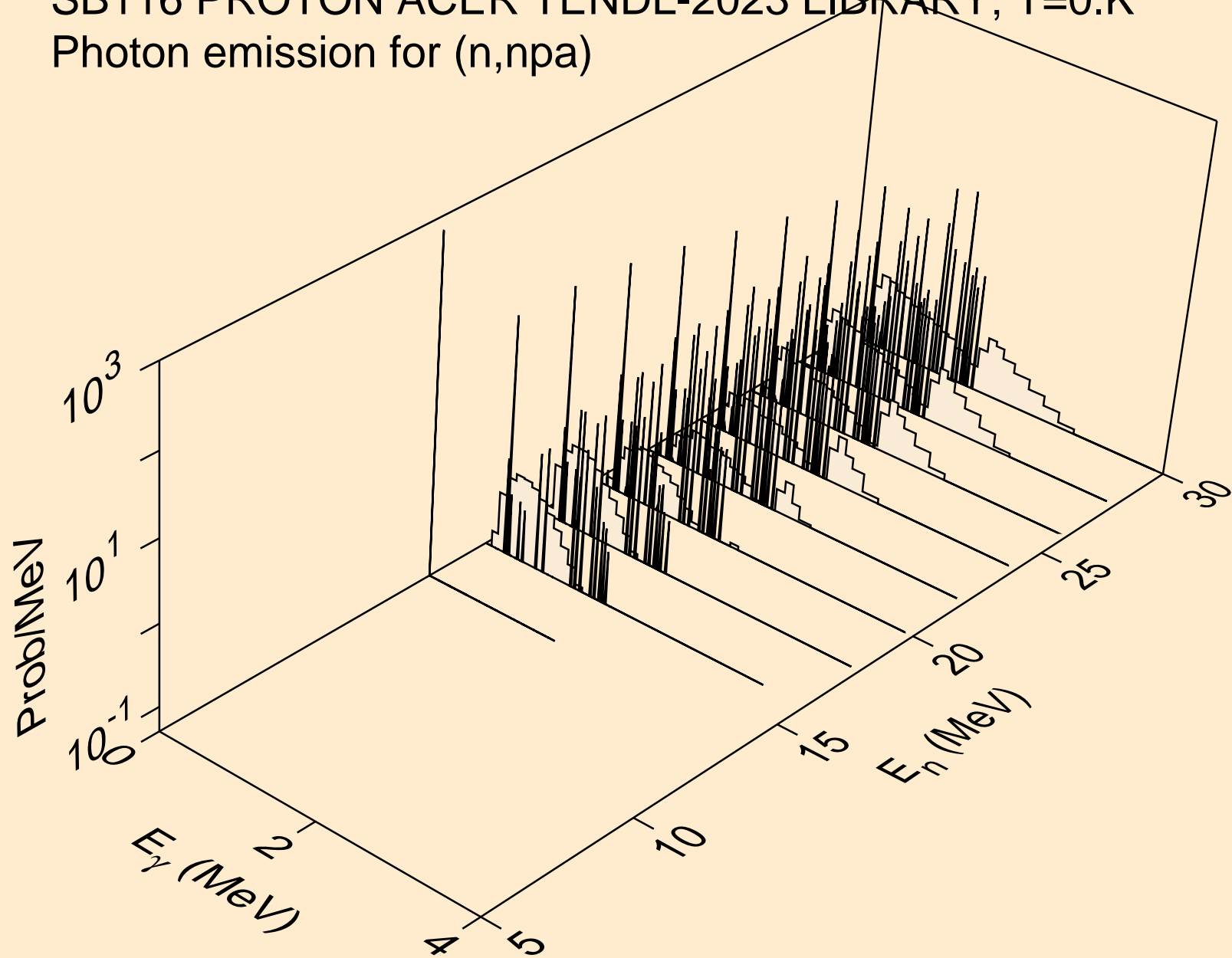
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Photon emission for (n,3np)



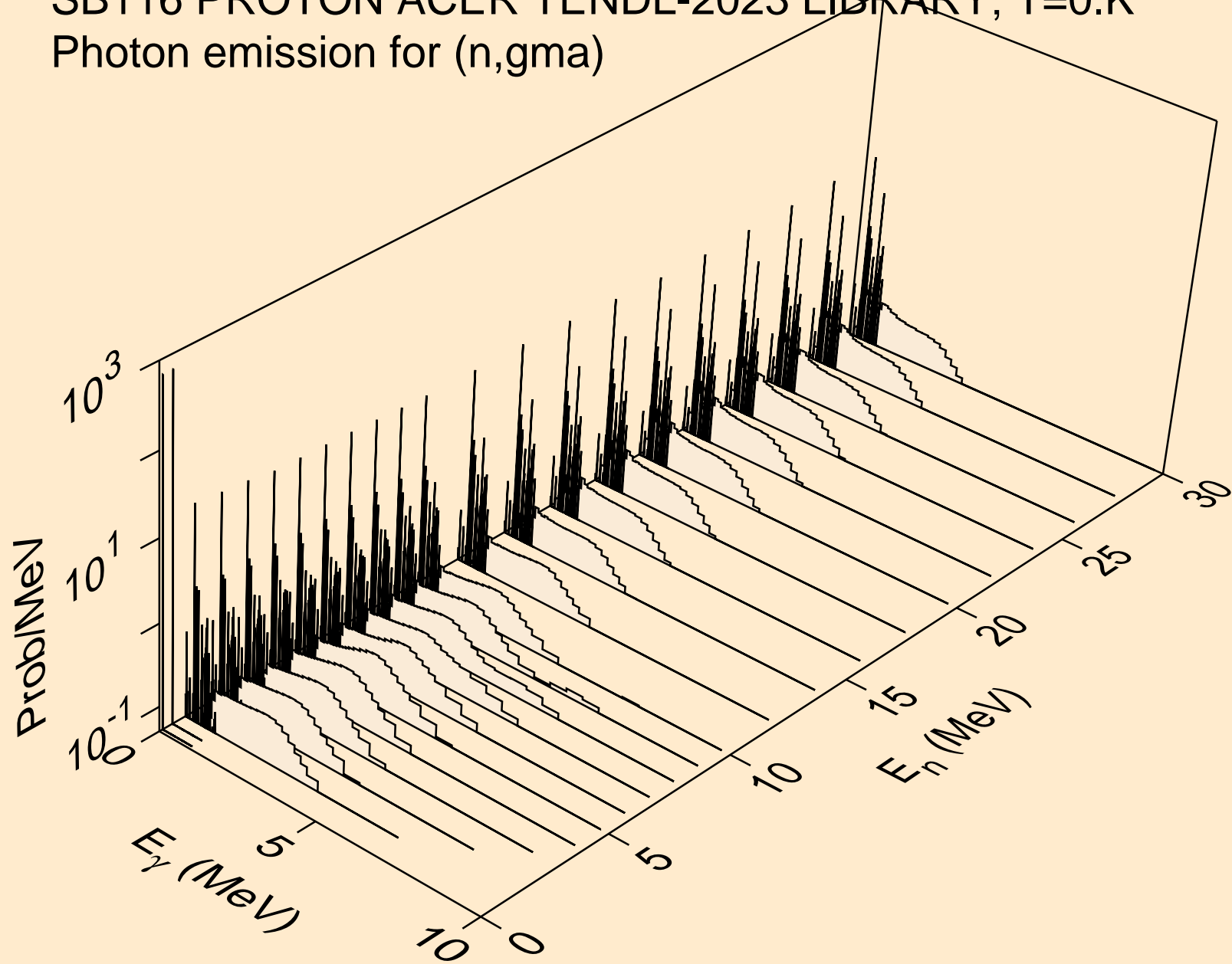
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Photon emission for (n,n2p)



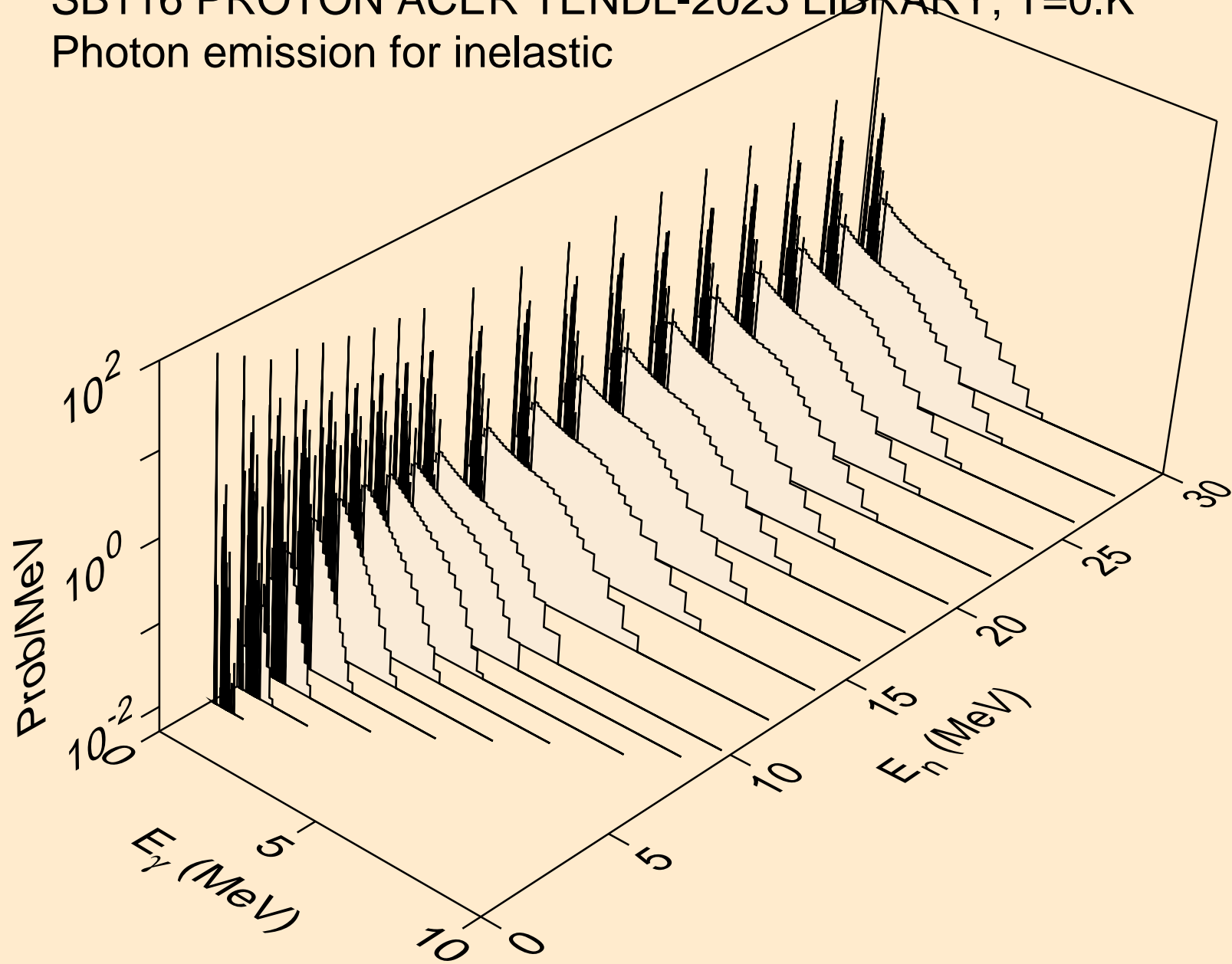
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Photon emission for (n,npa)



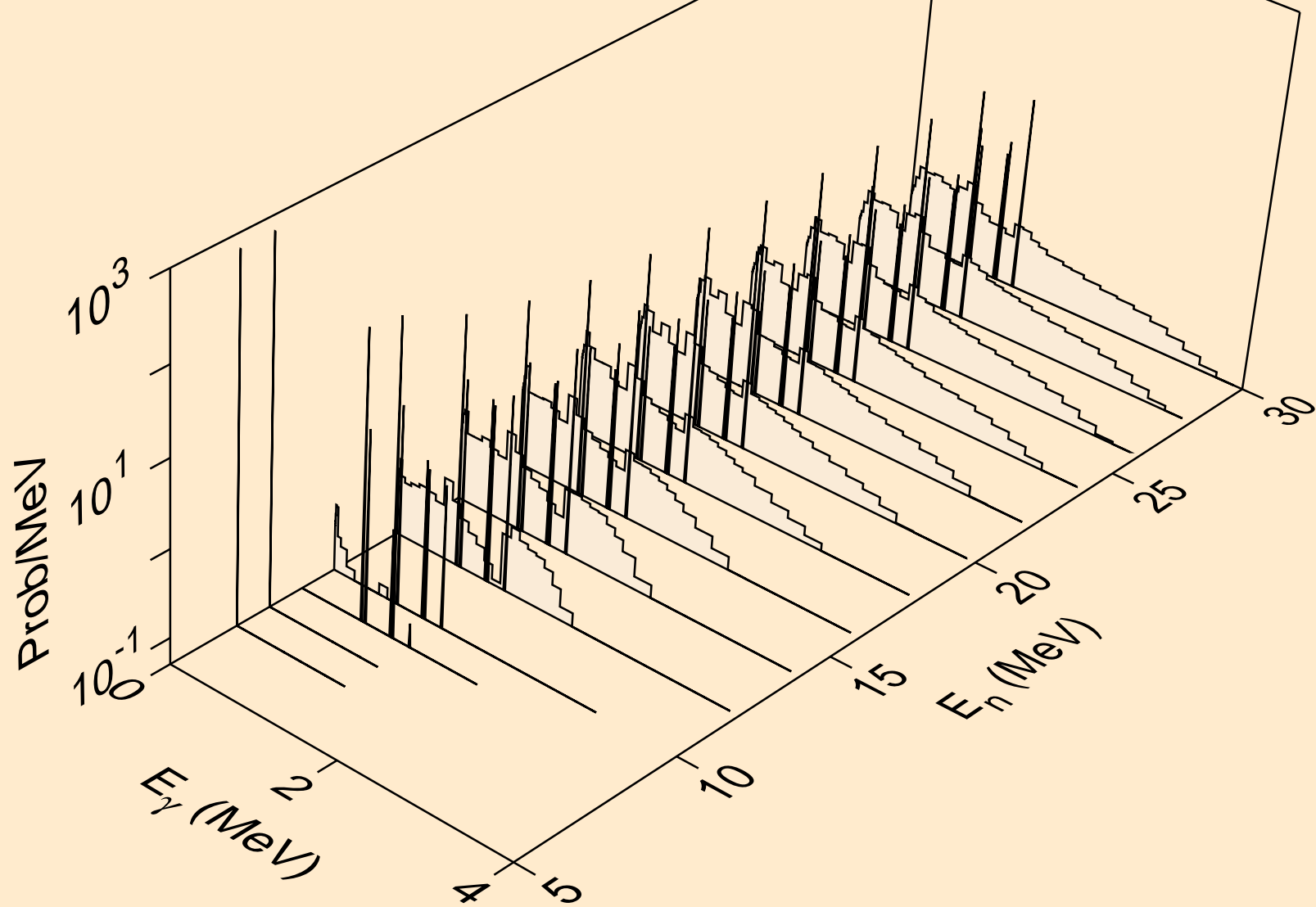
SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

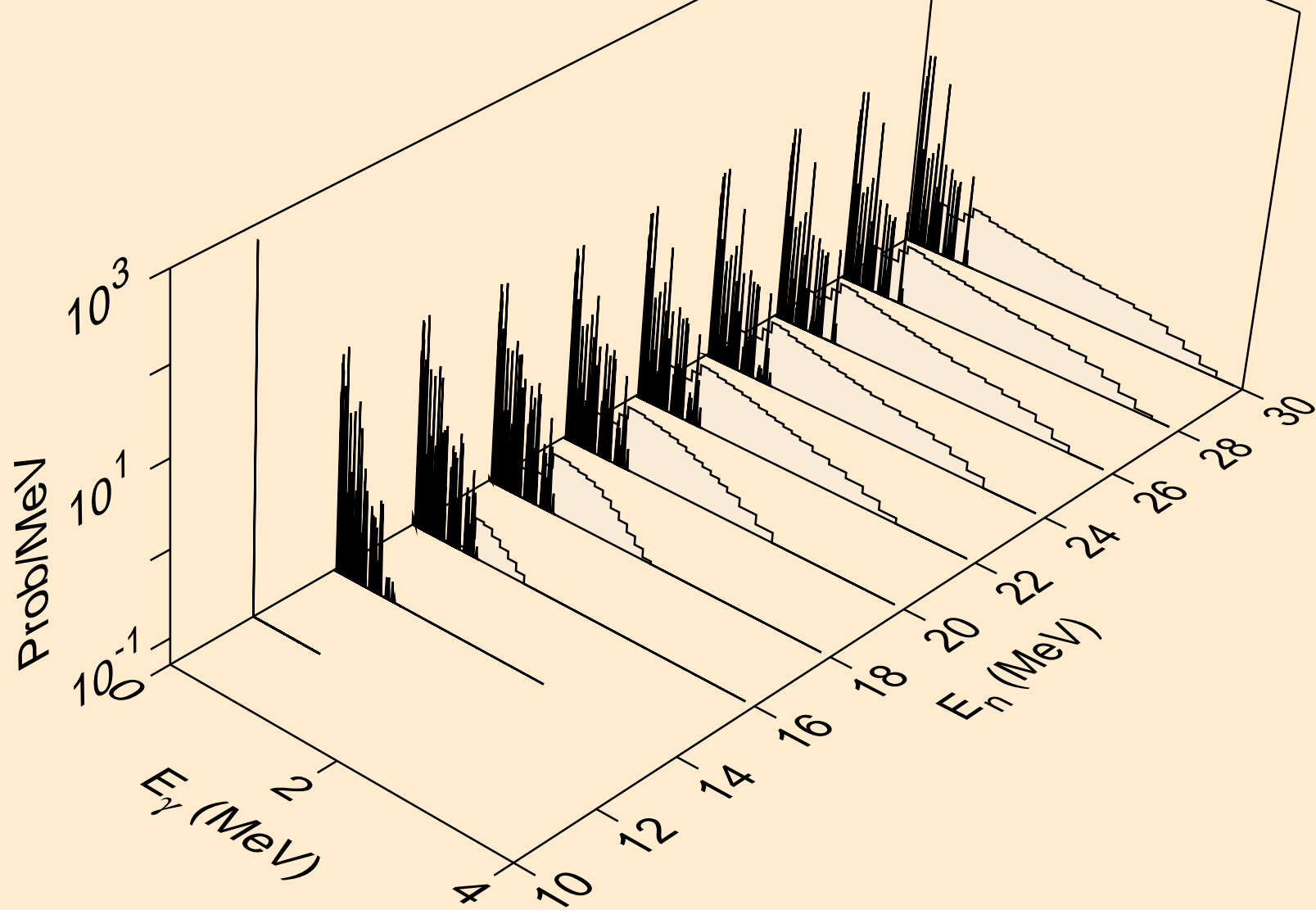


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Photon emission for (n,d)

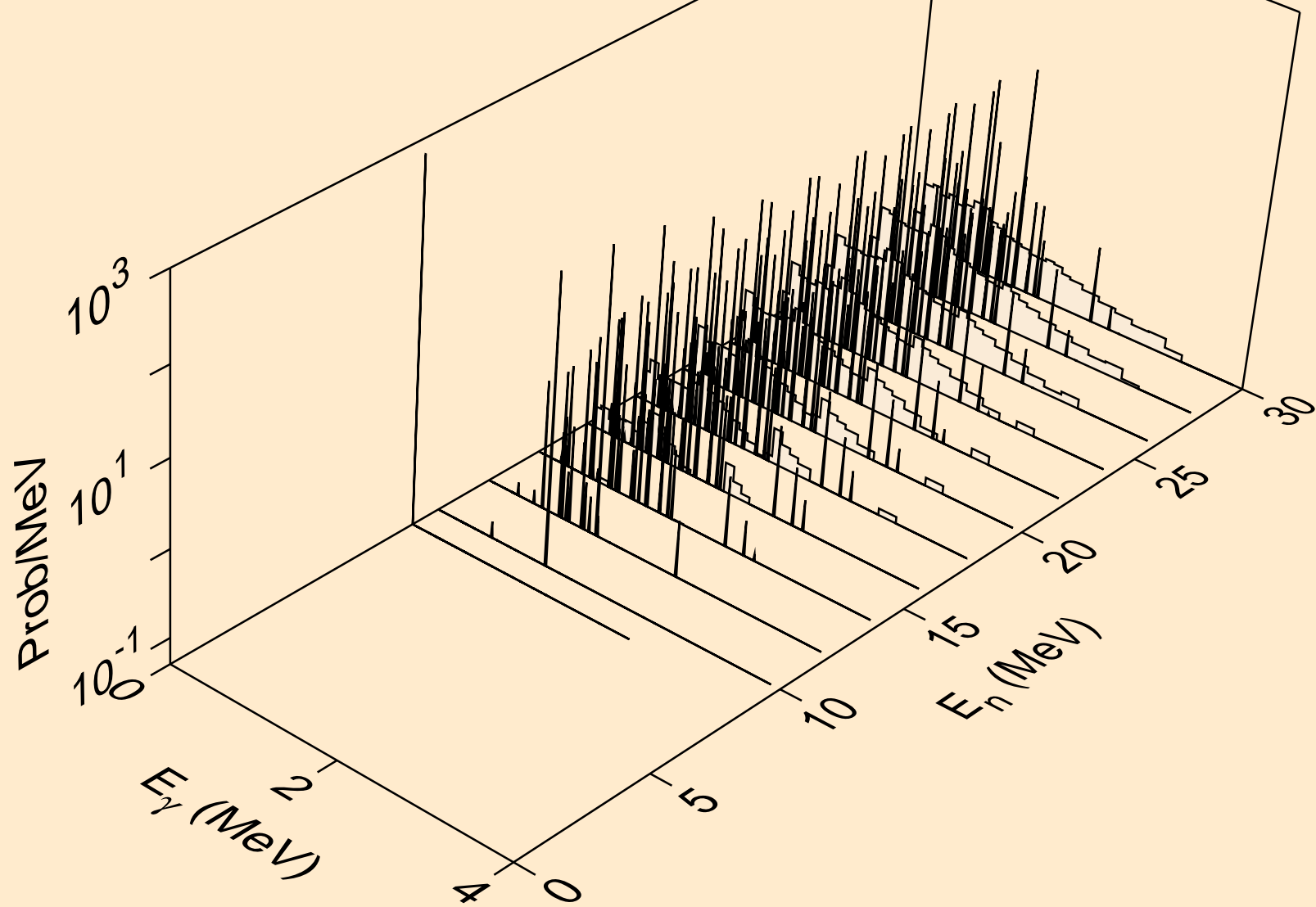




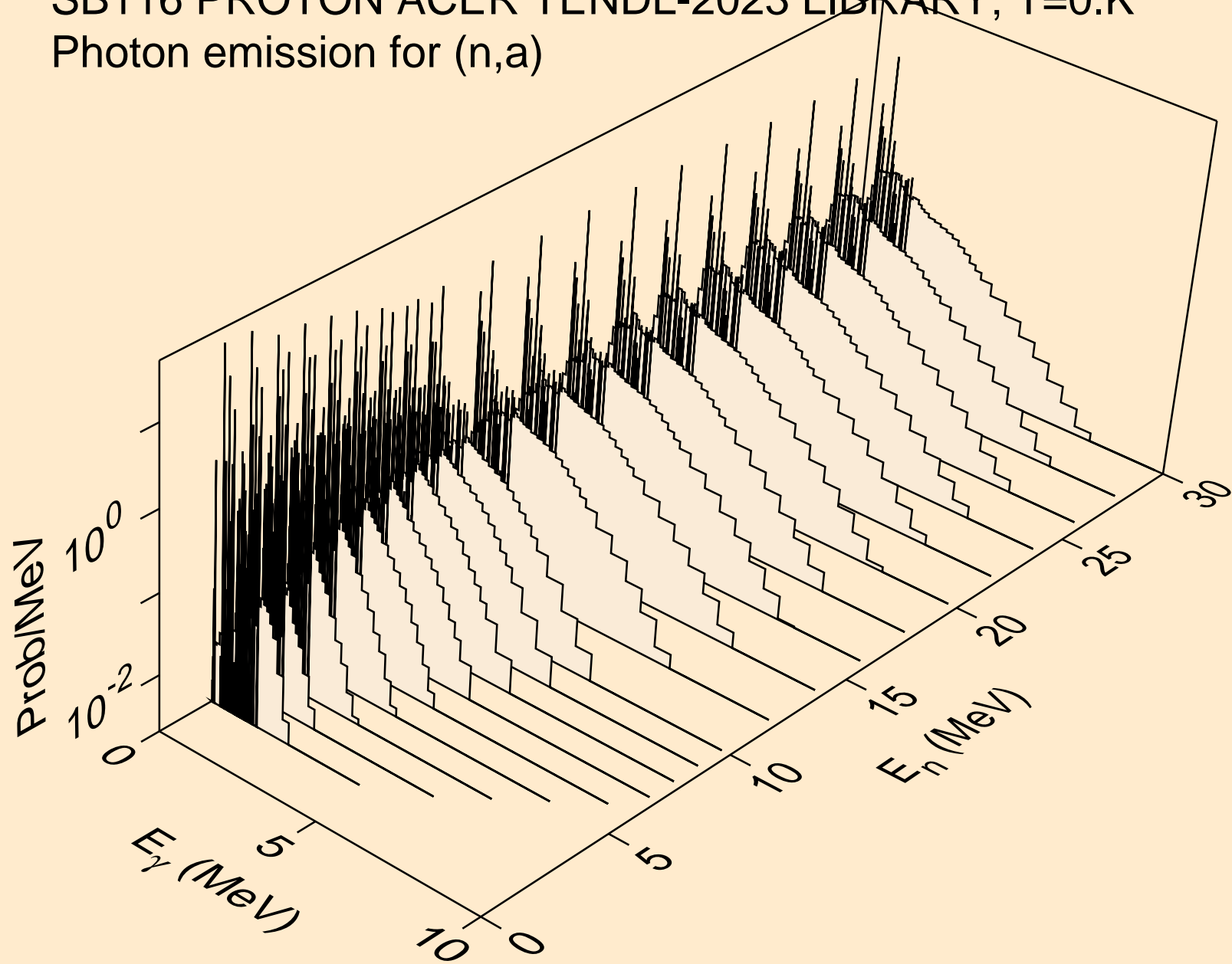
SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



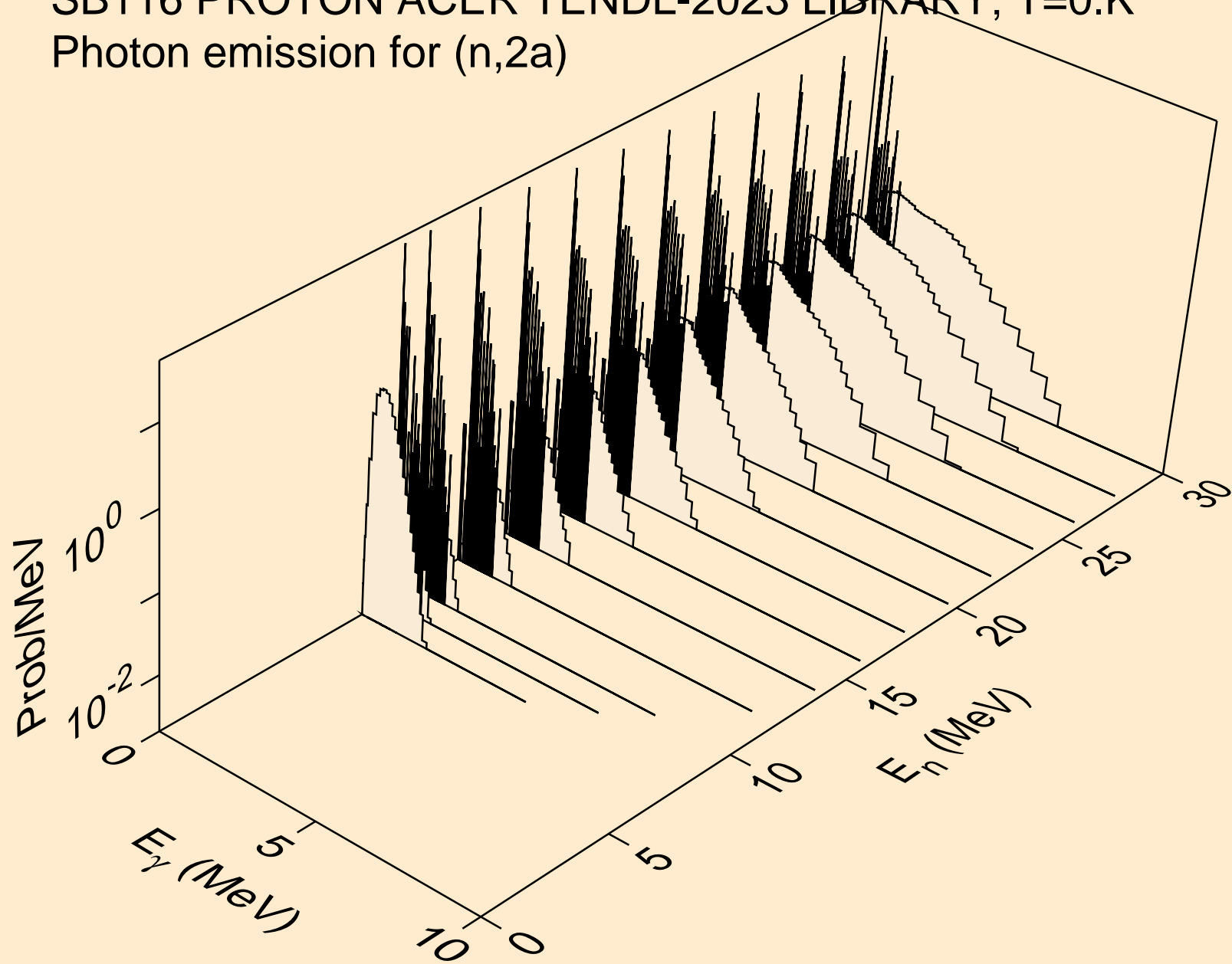
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Photon emission for (n,he3)



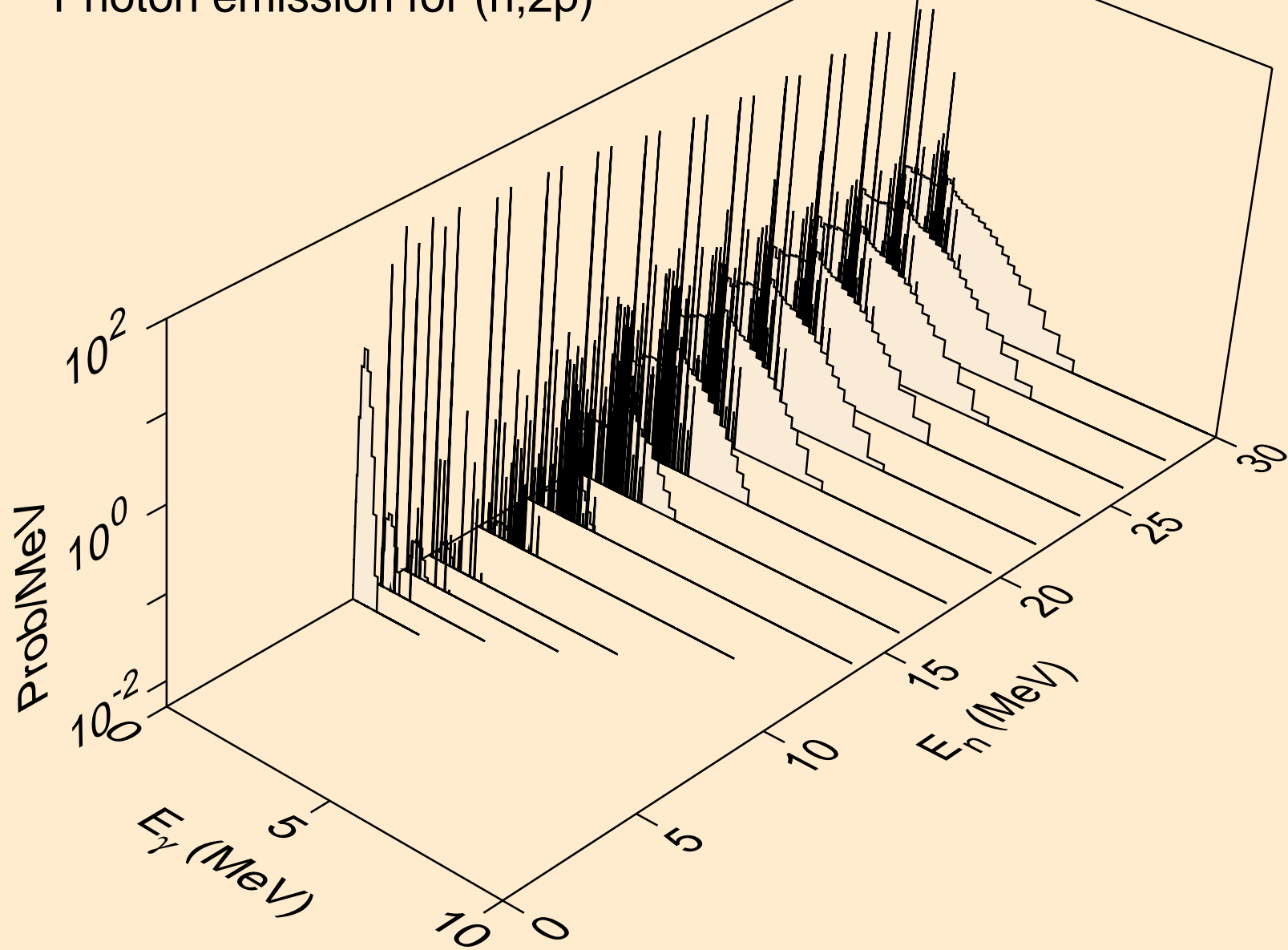
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Photon emission for (n,a)



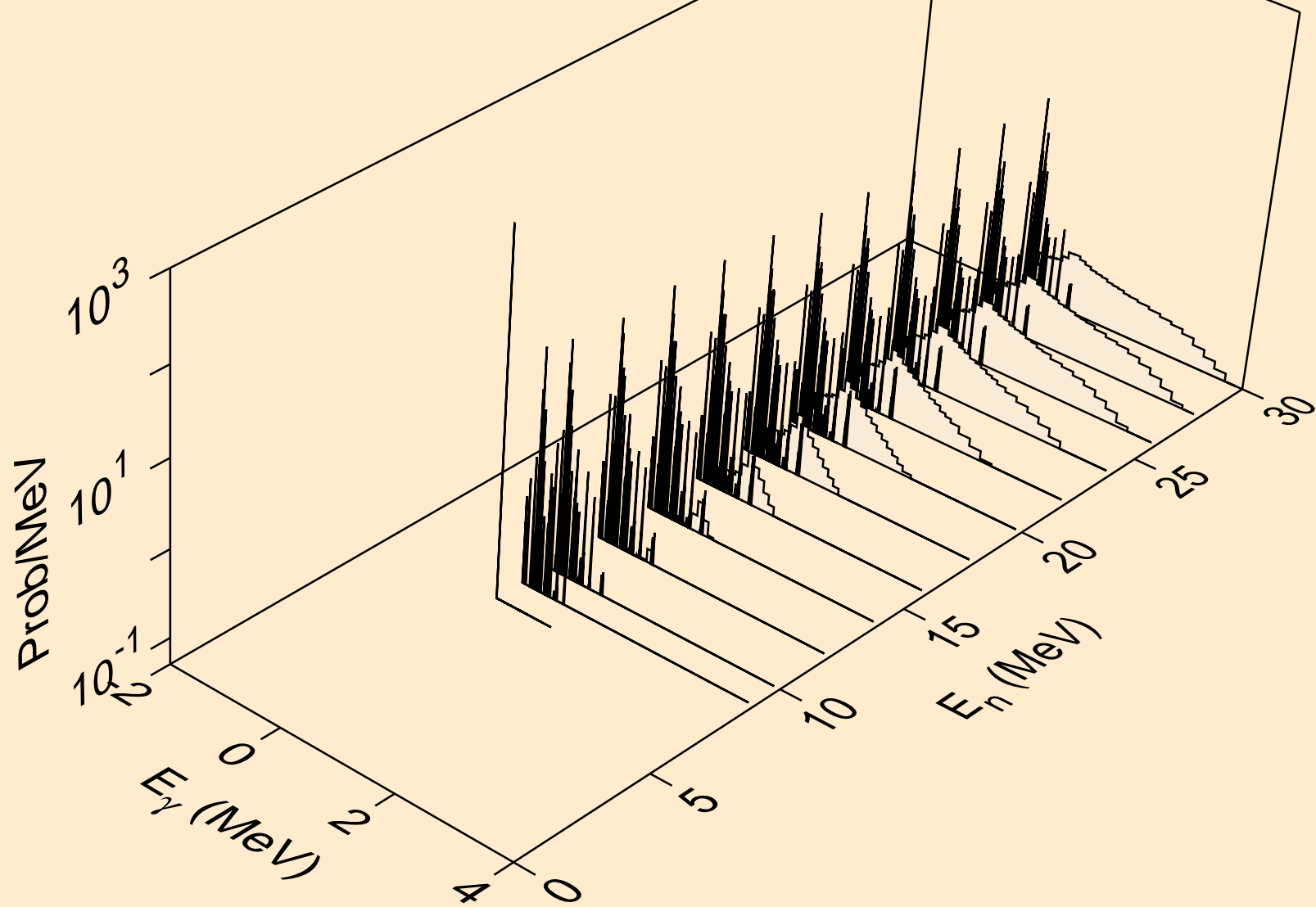
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Photon emission for (n,2a)



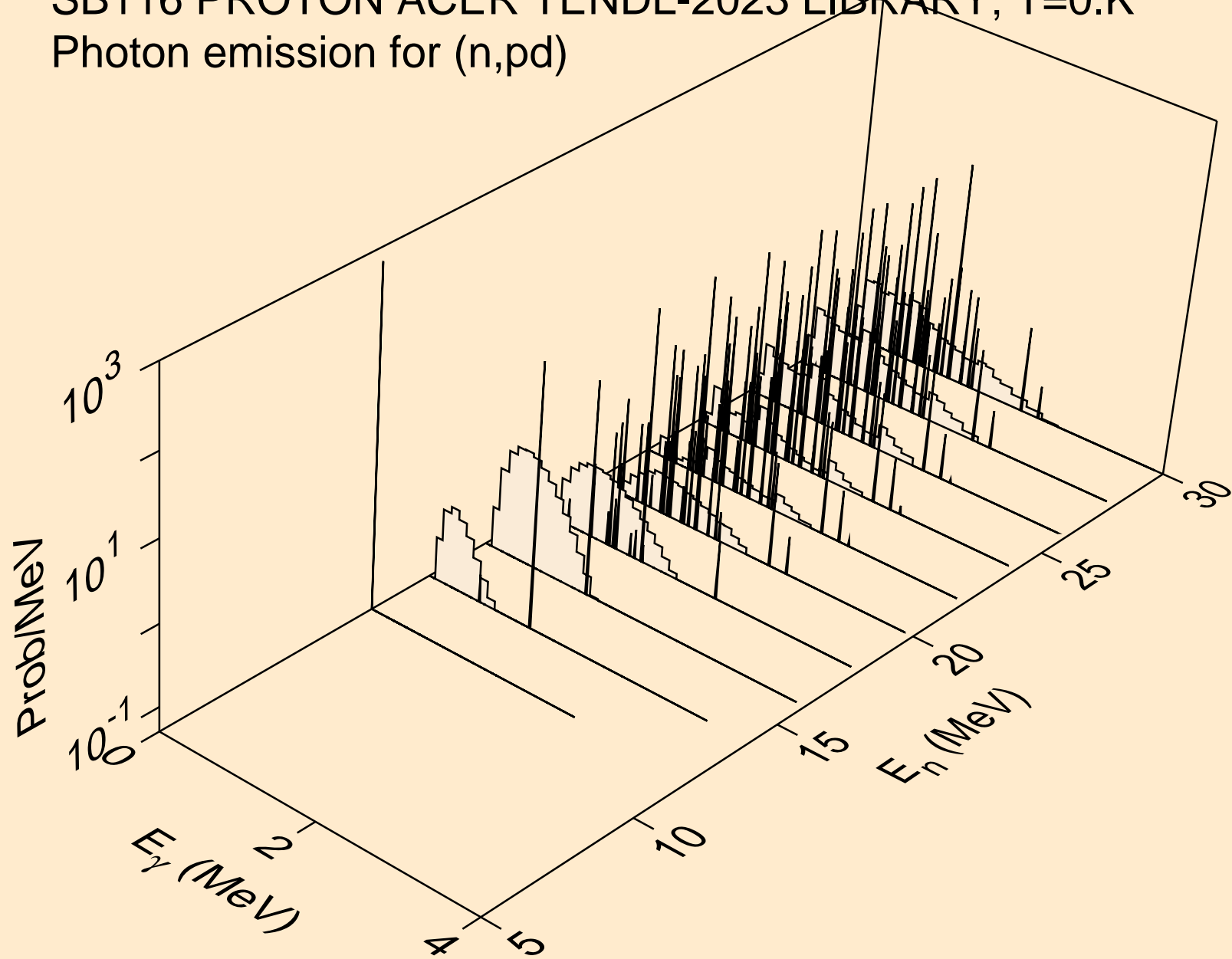
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Photon emission for (n,2p)



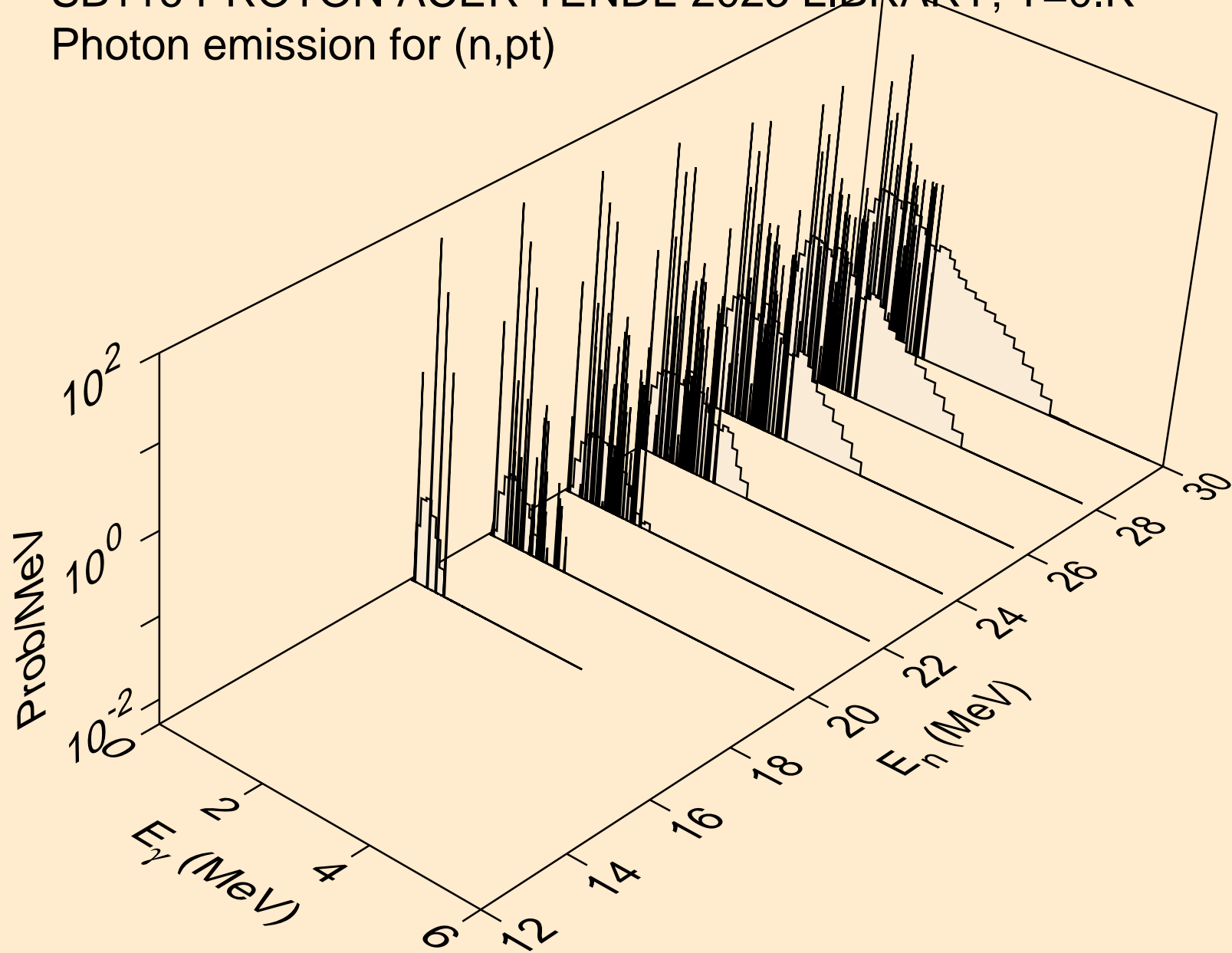
SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)

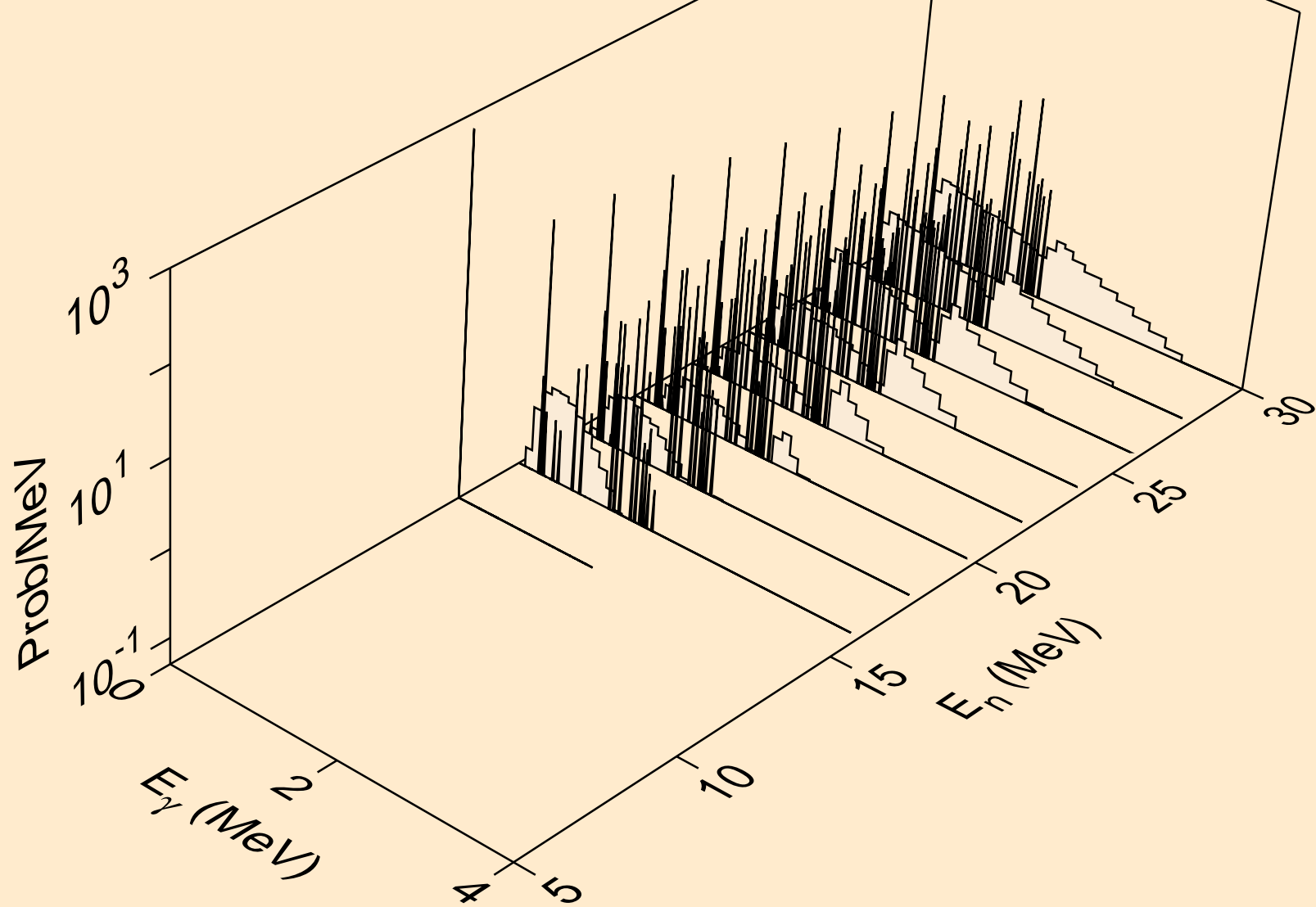


SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)

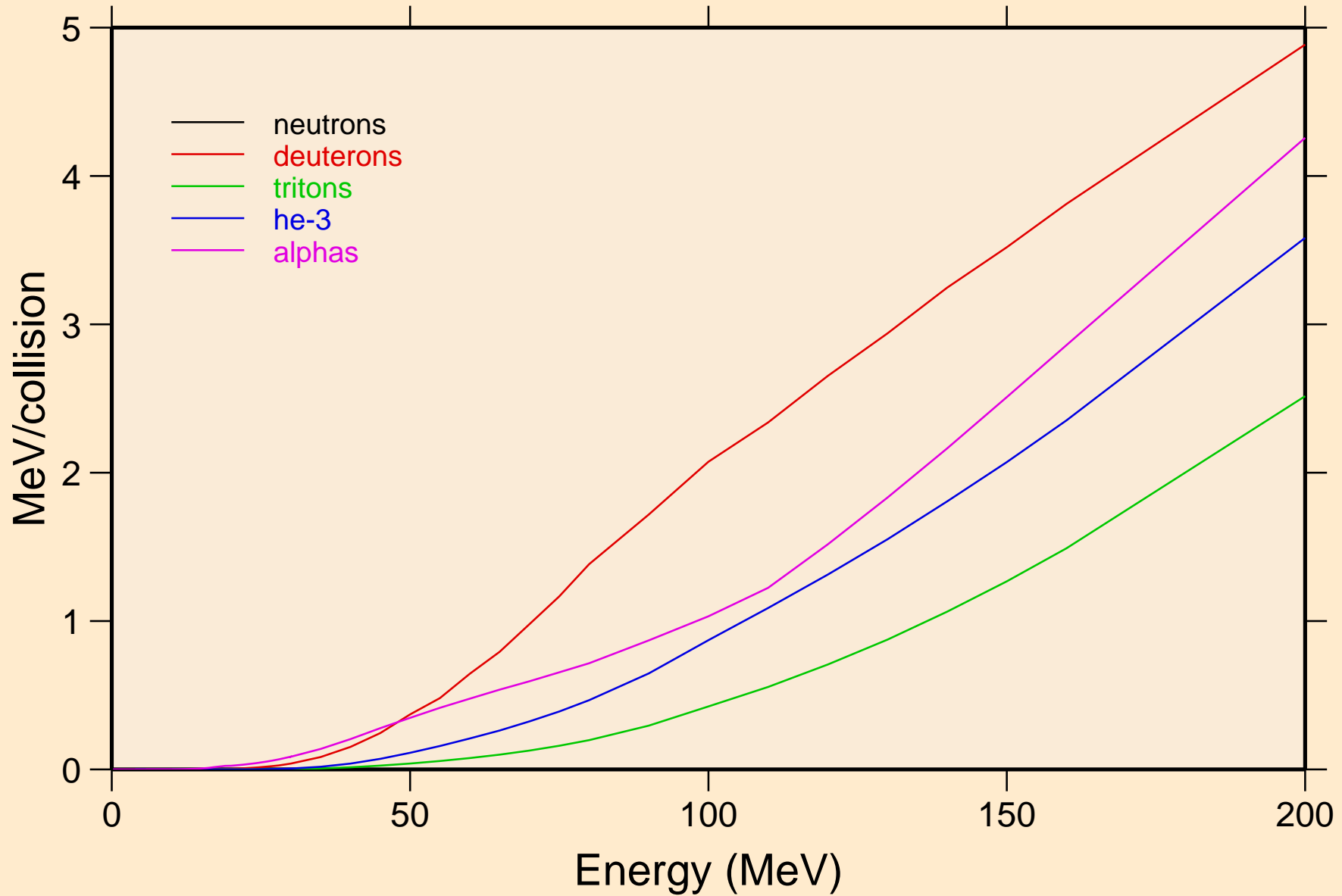




SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)

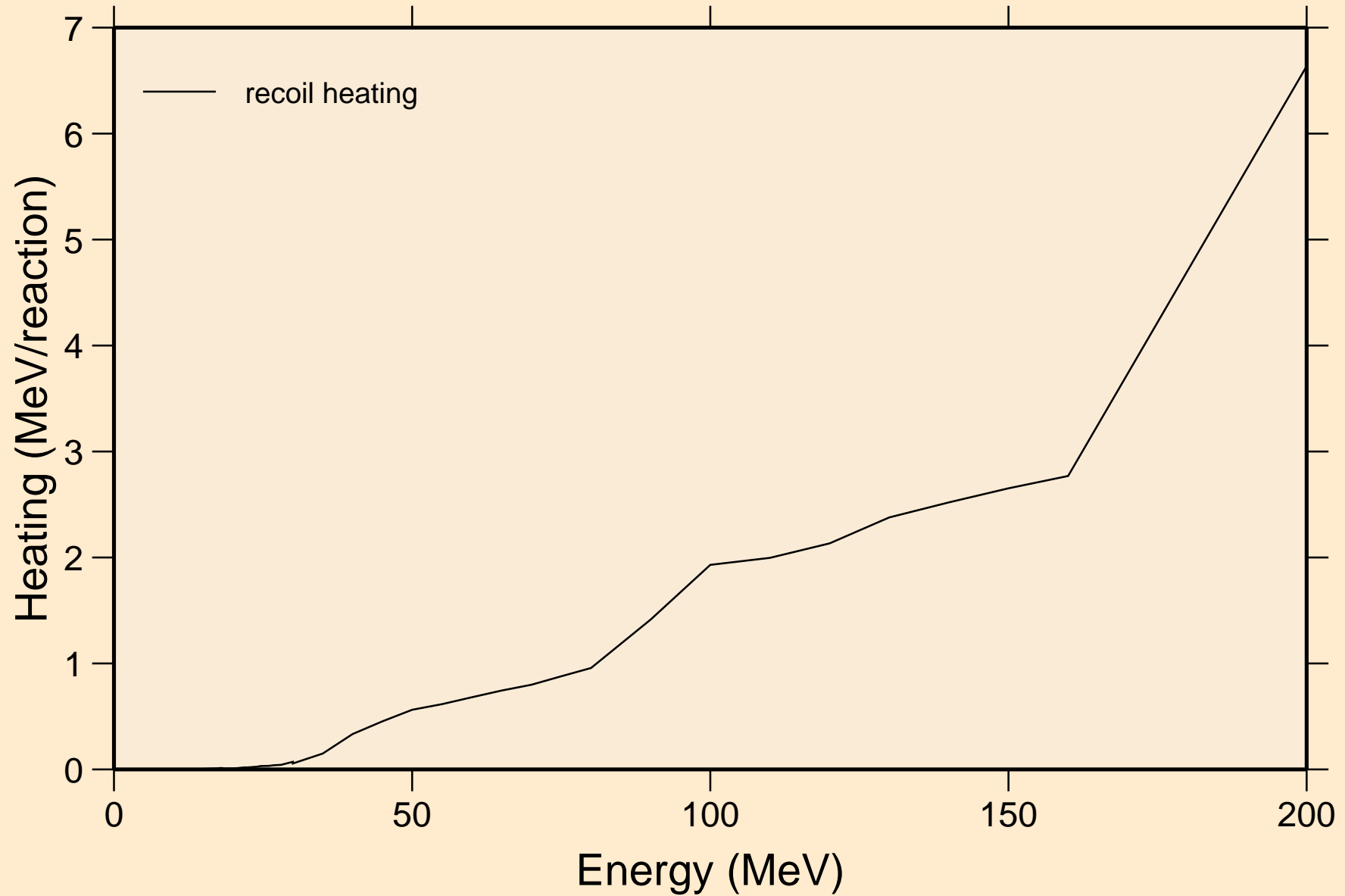


SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions

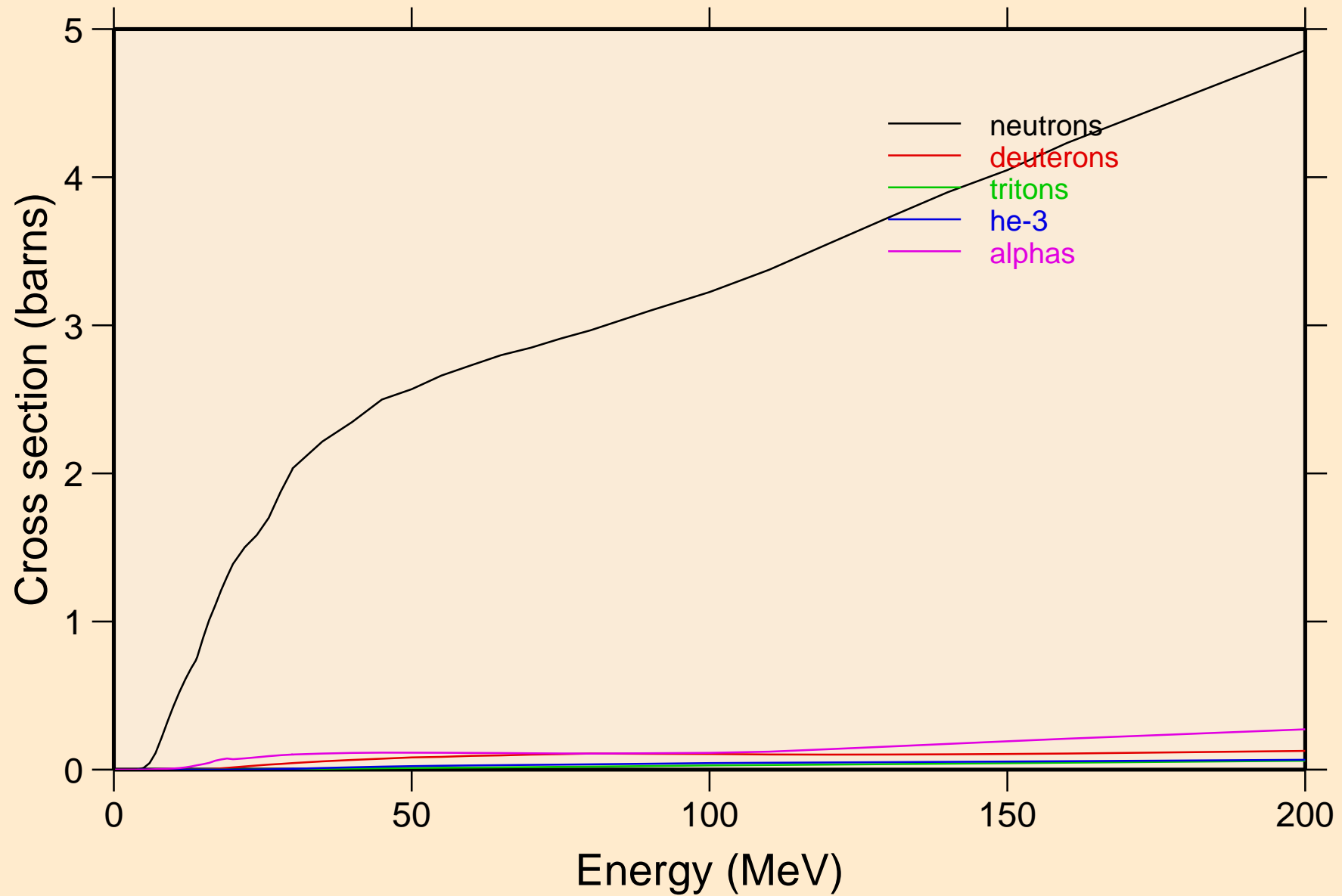


# SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K

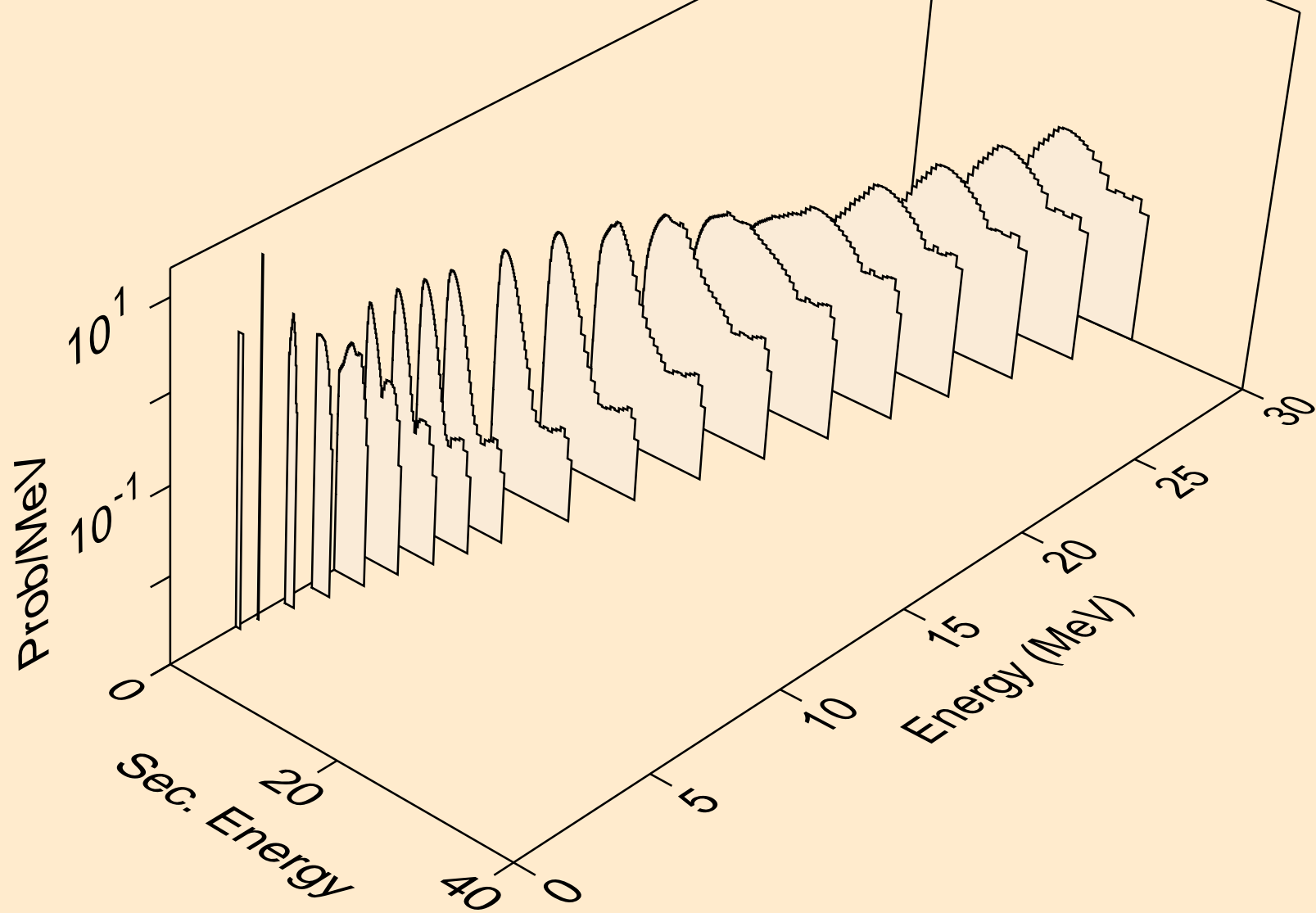
## Recoil Heating



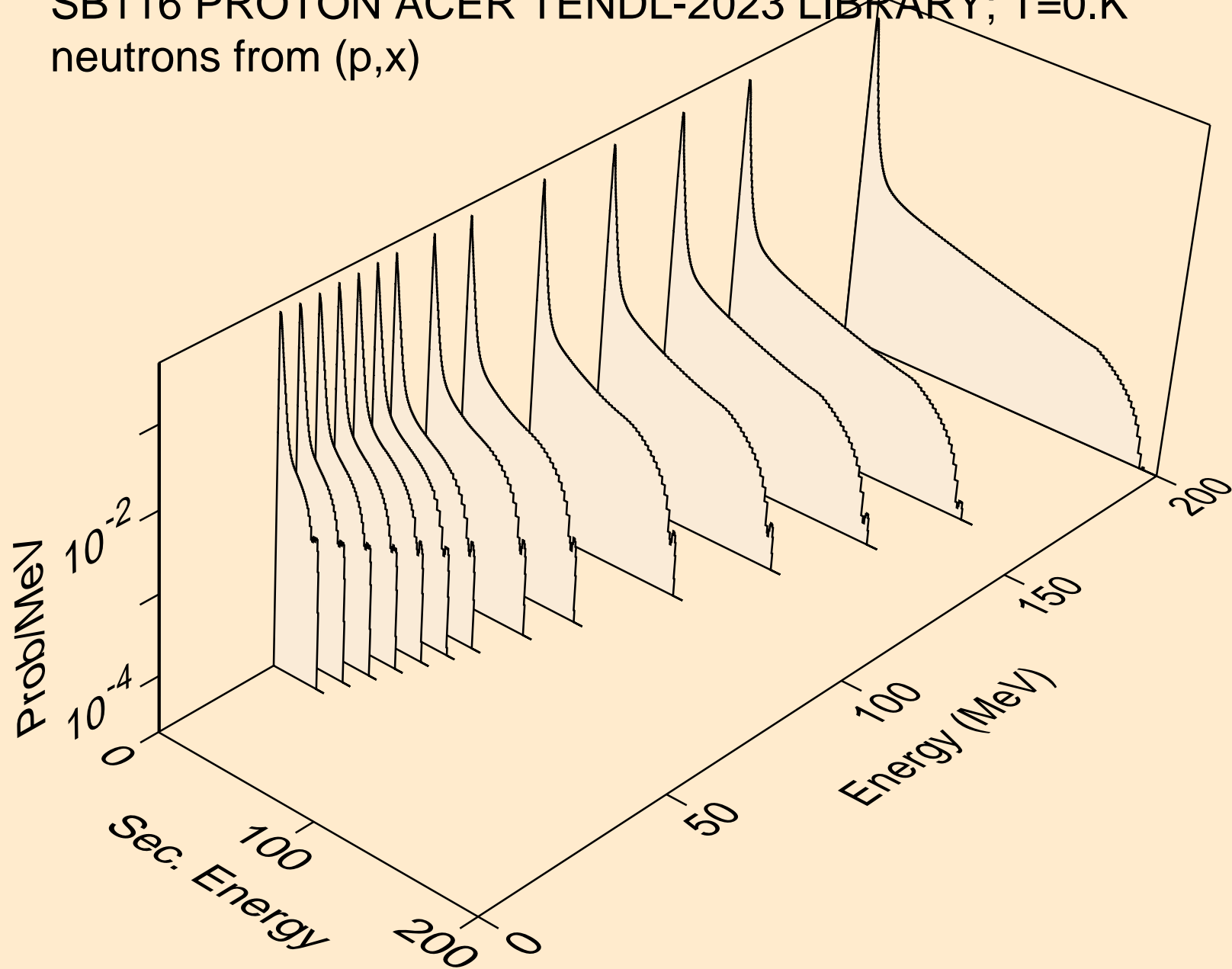
SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



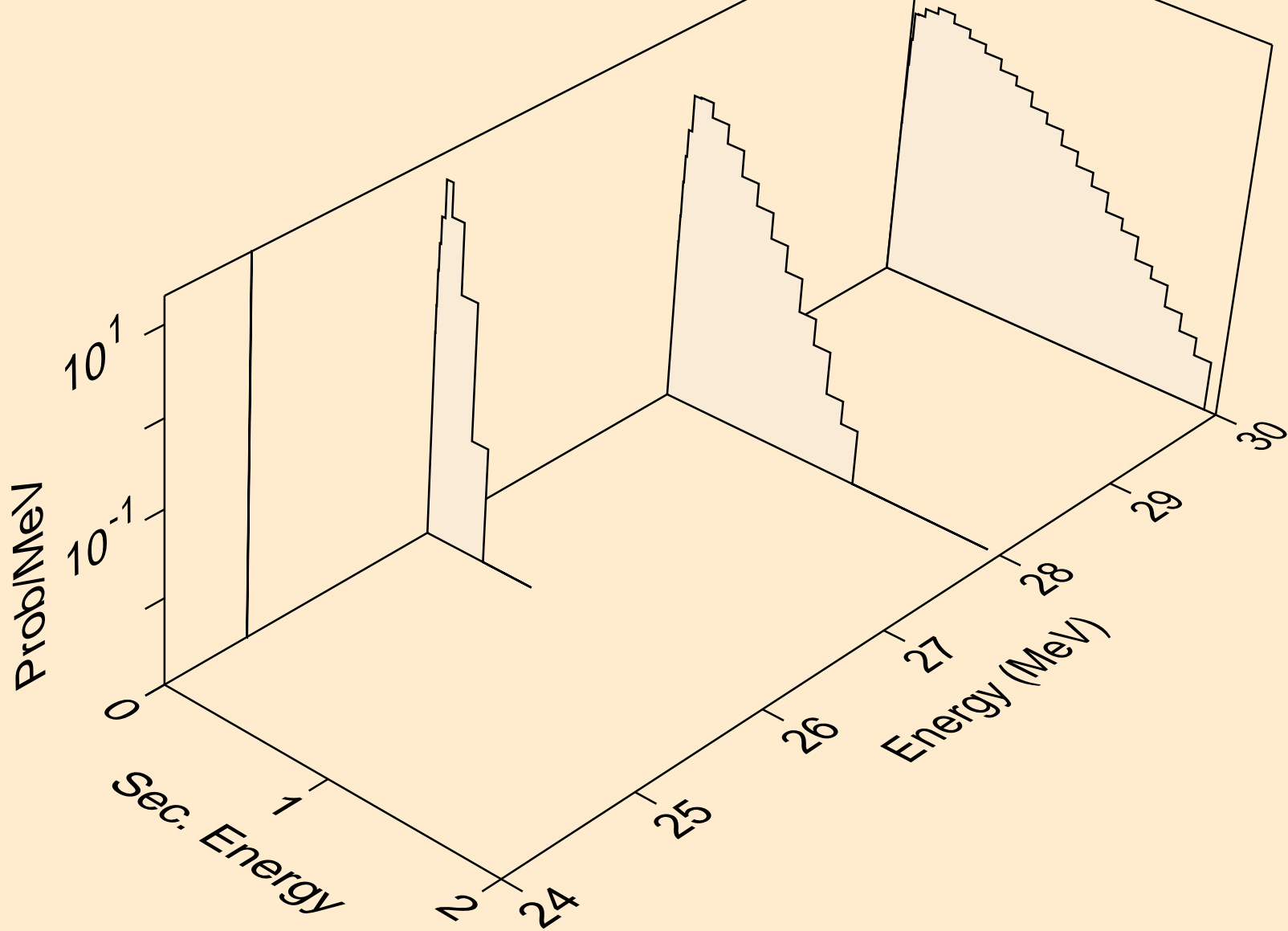
SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



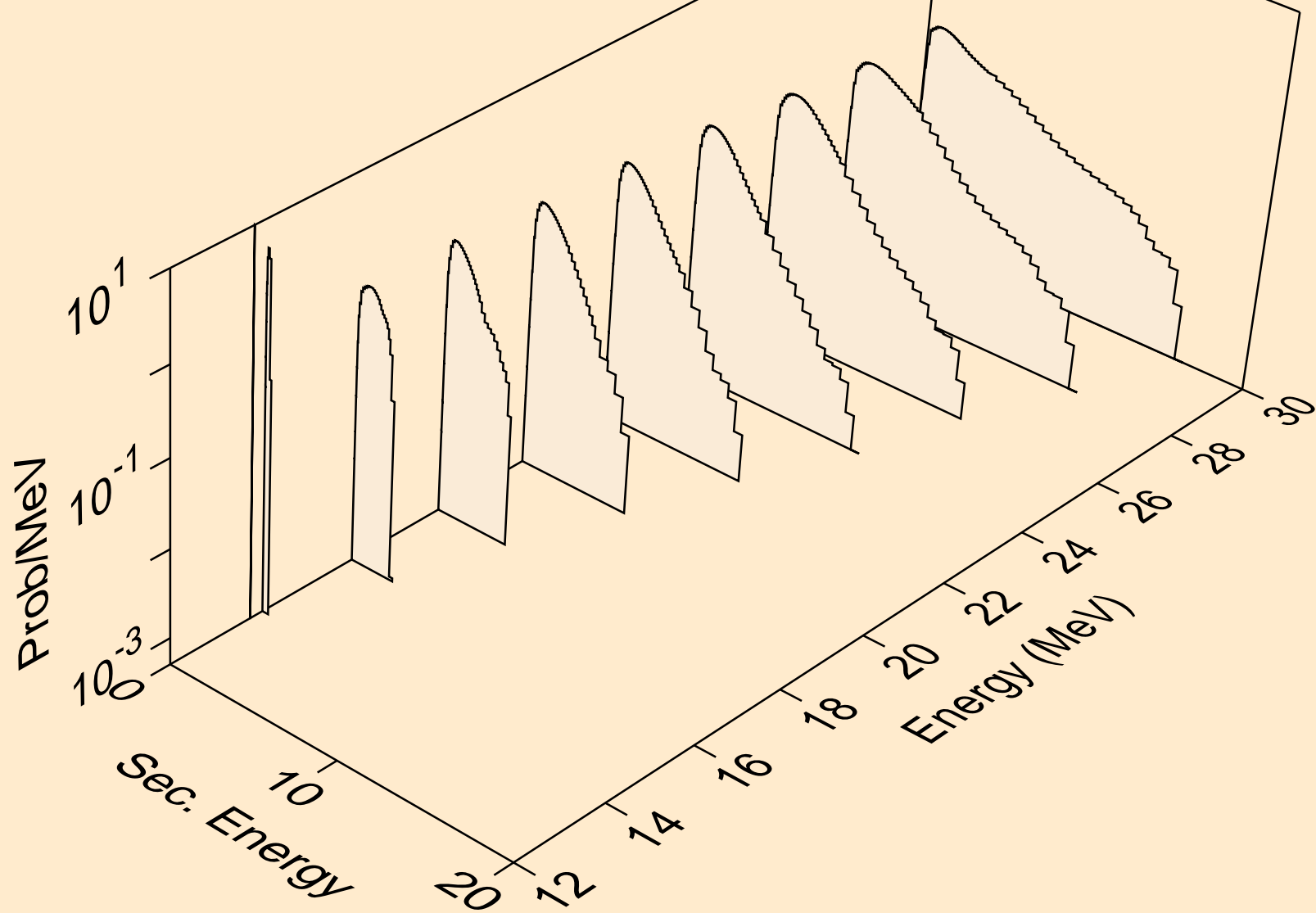
SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)



SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2nd)

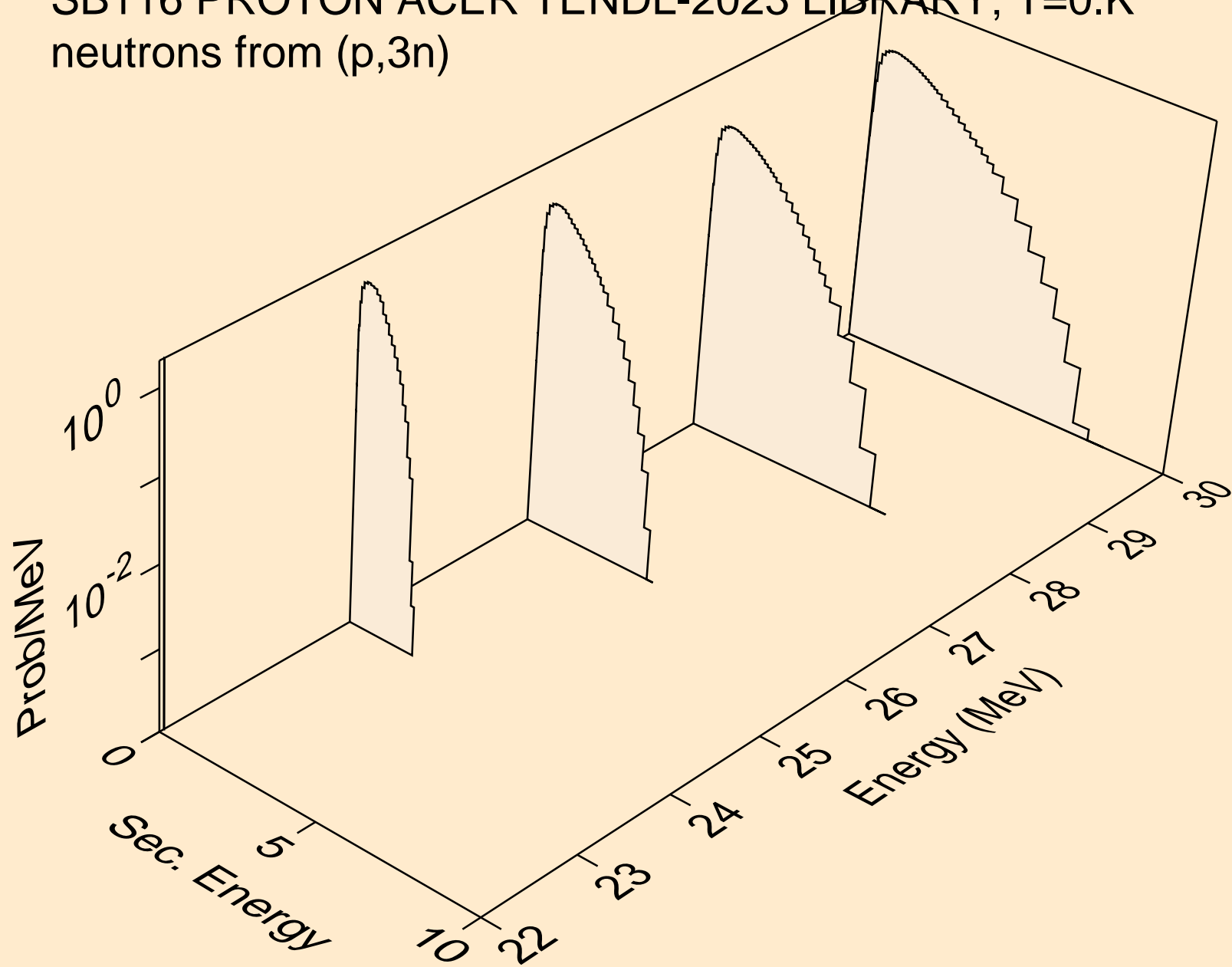


SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)

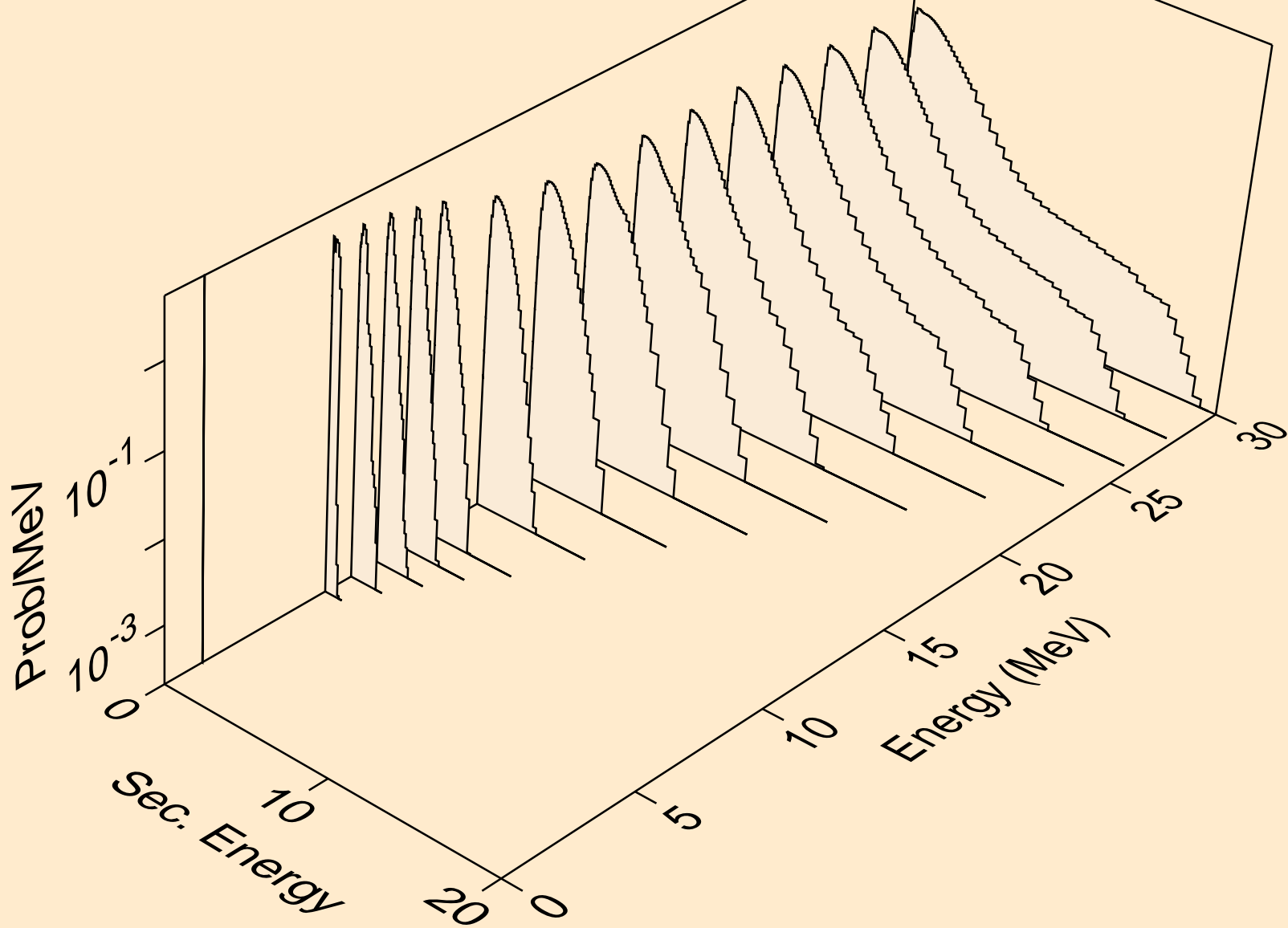




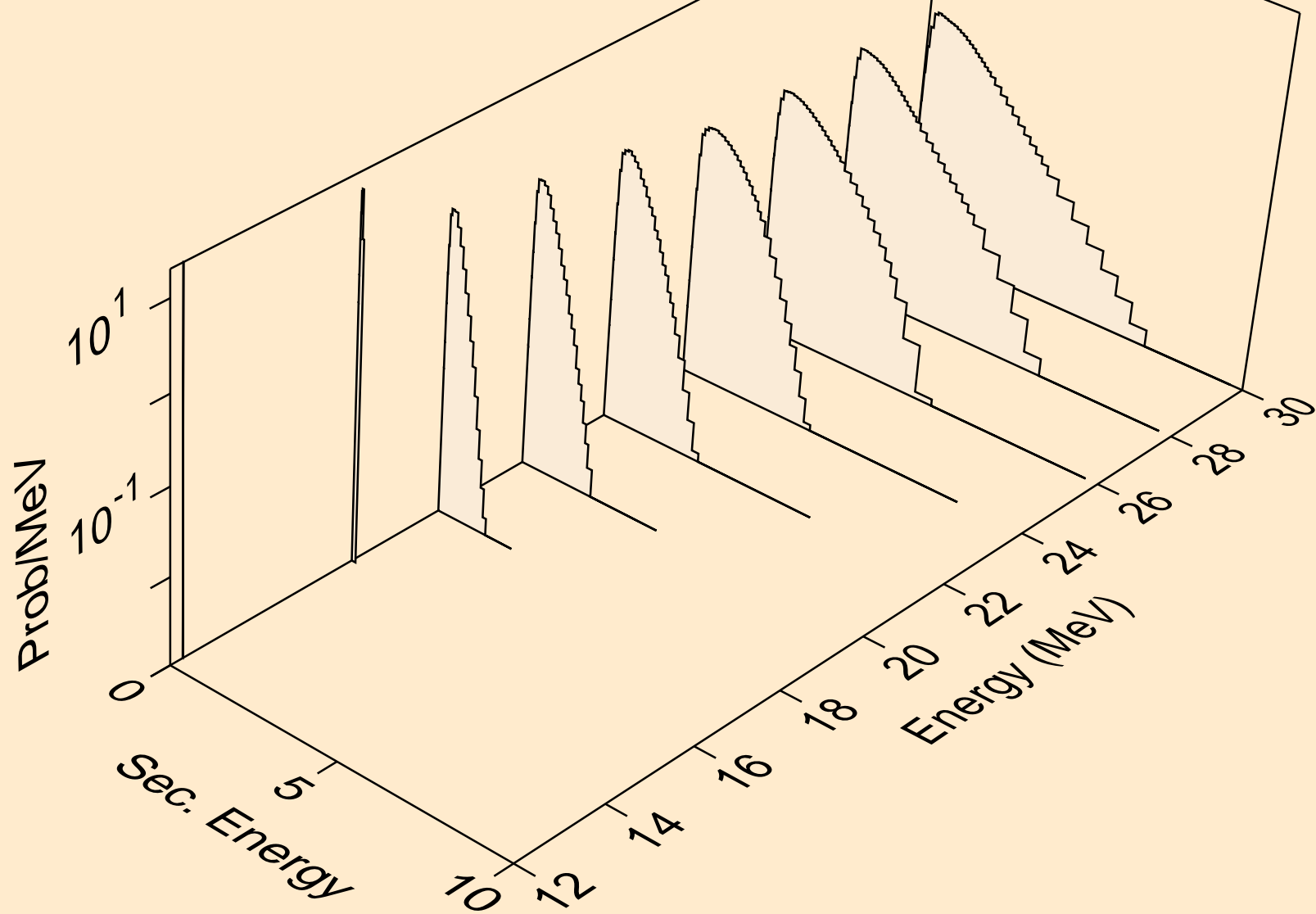
SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)



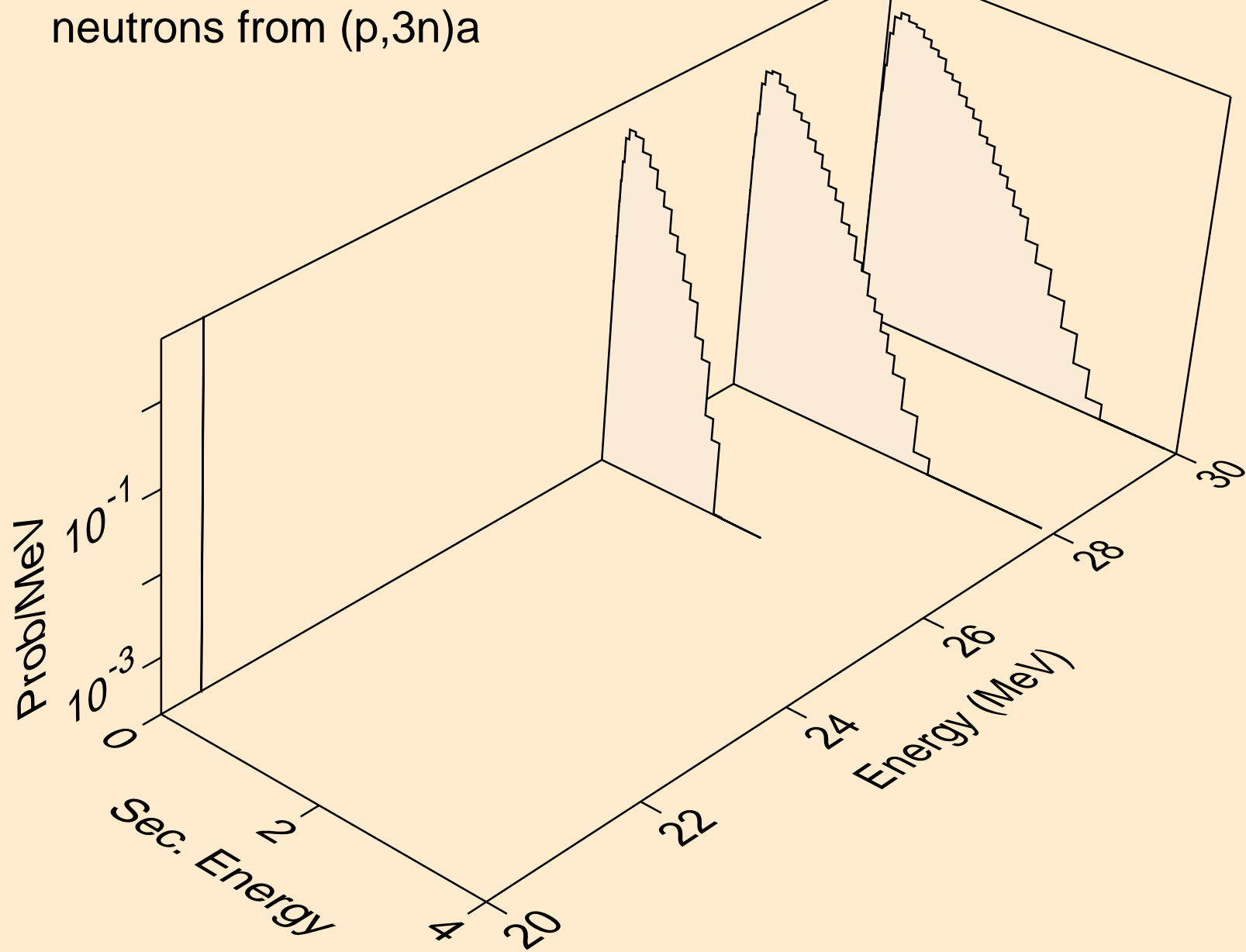
SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



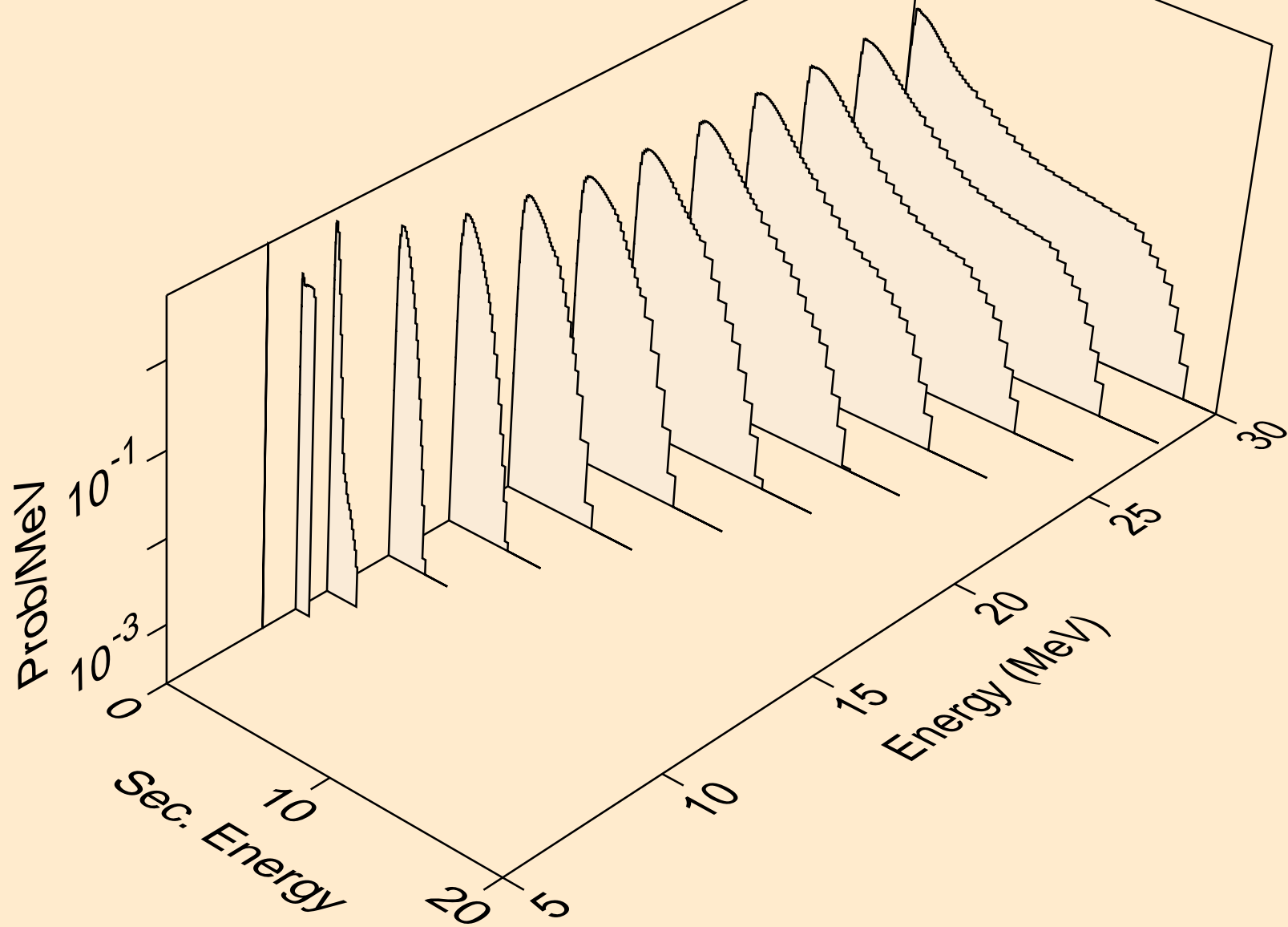
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neutrons from (p,2n)a



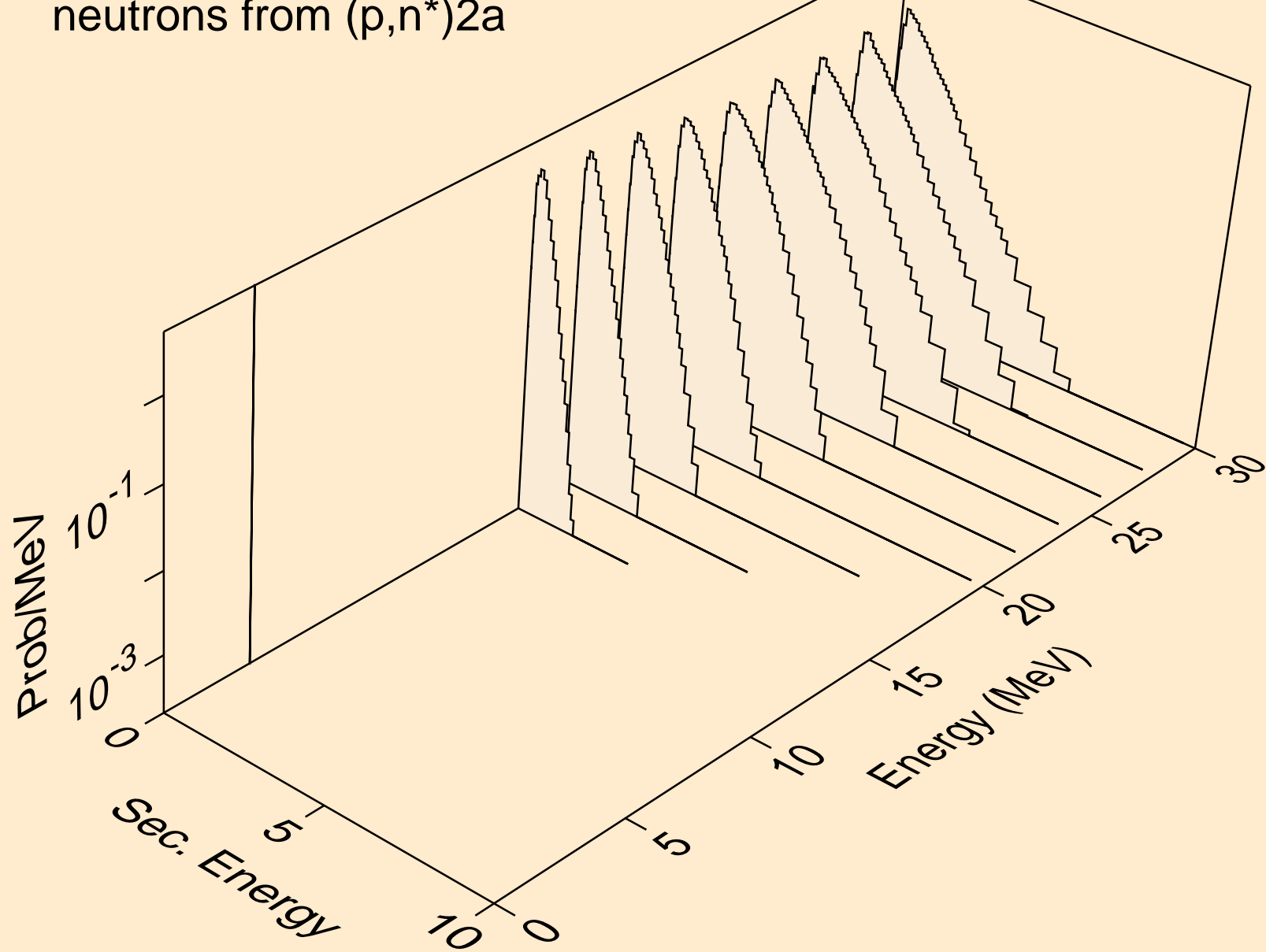
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neutrons from (p,3n)a



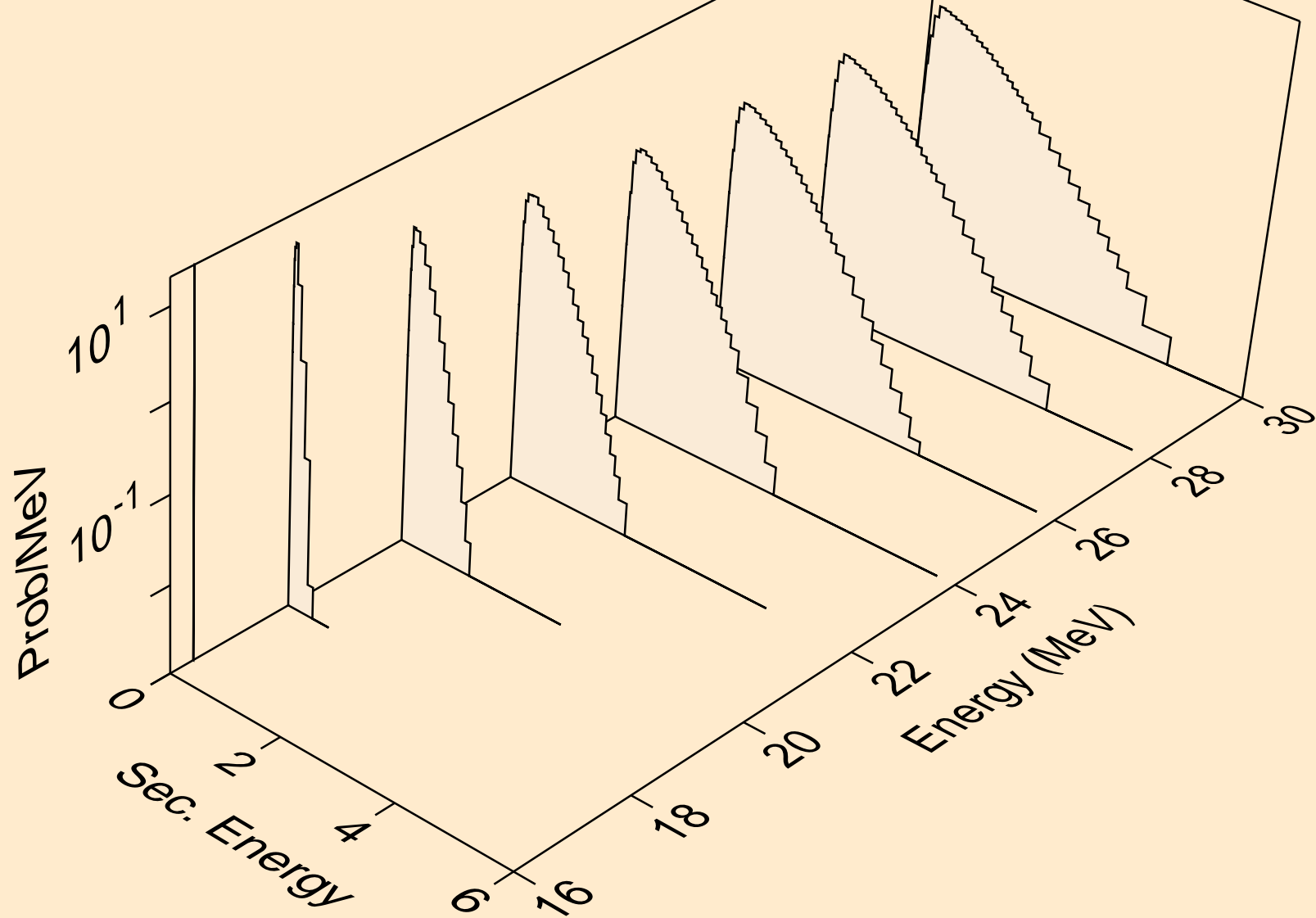
SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)p



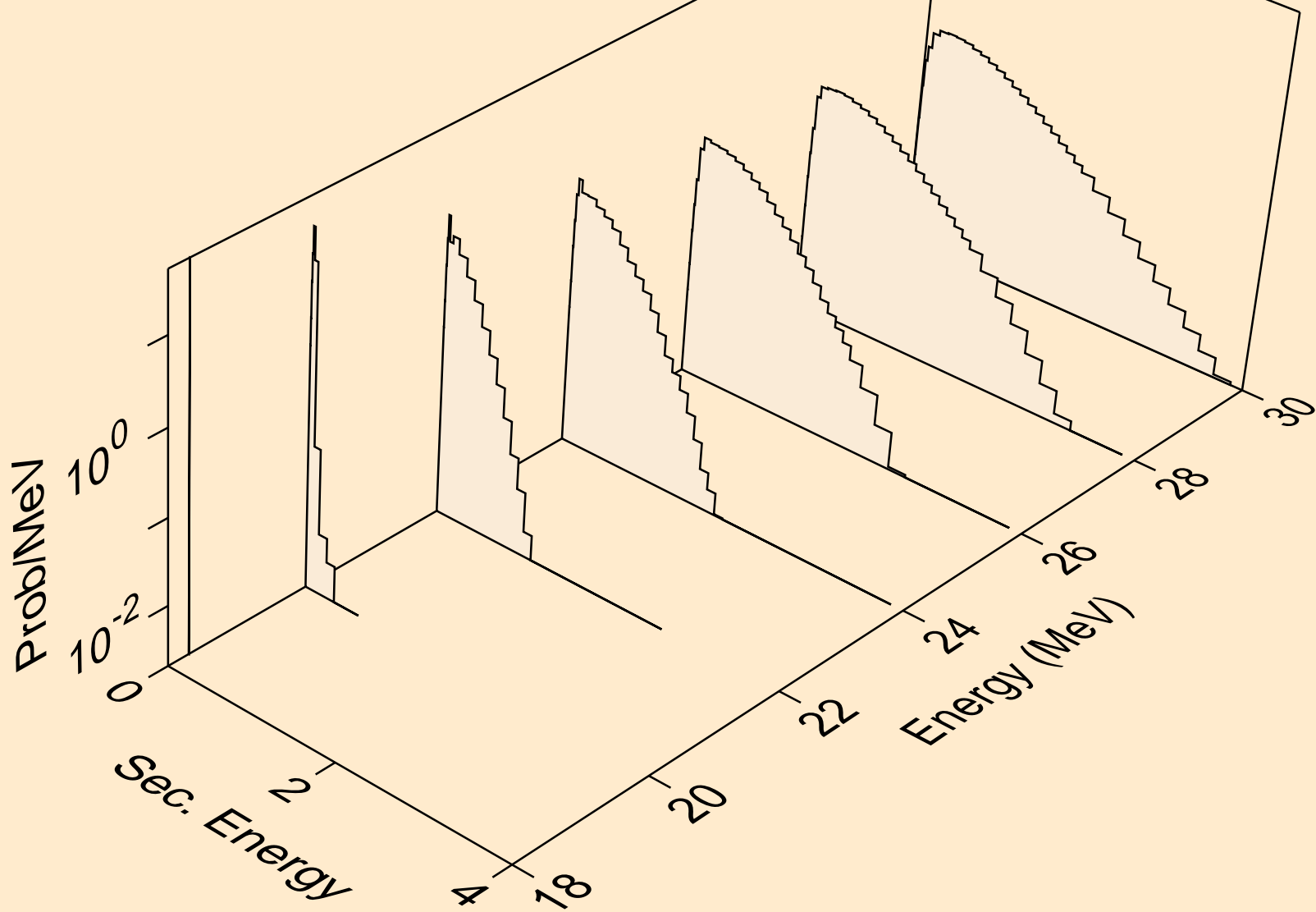
SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)2a



SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)d

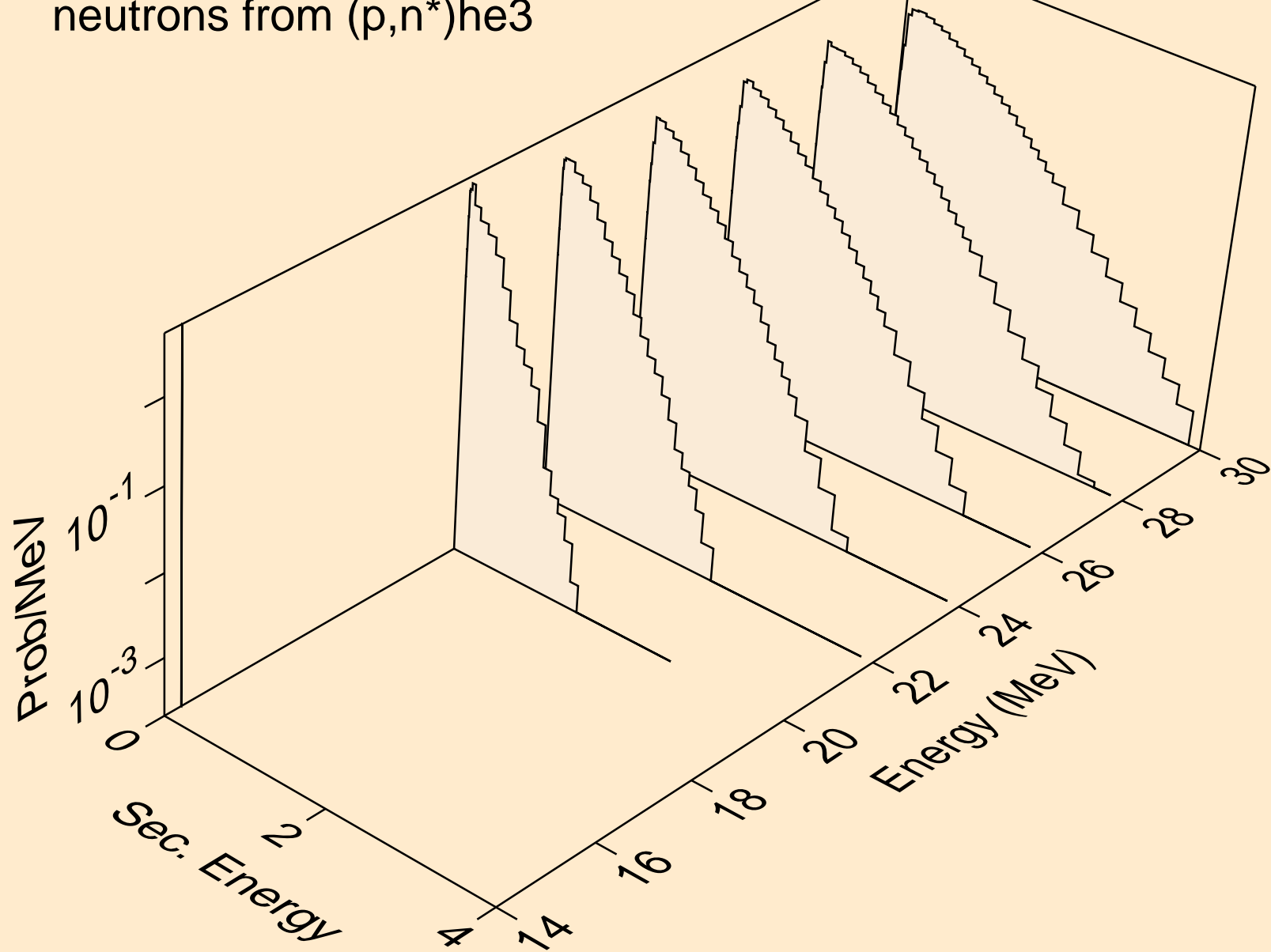


SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
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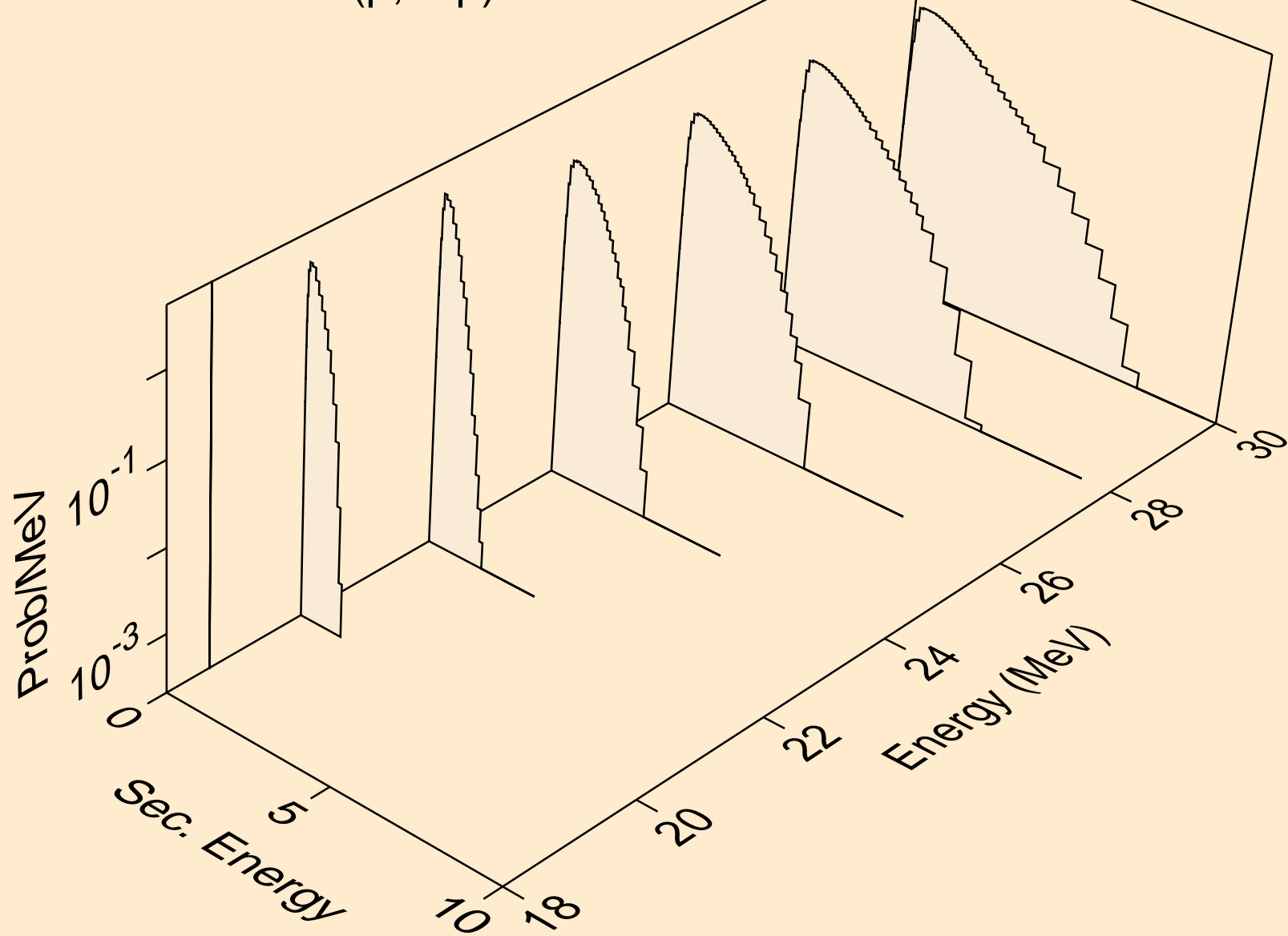




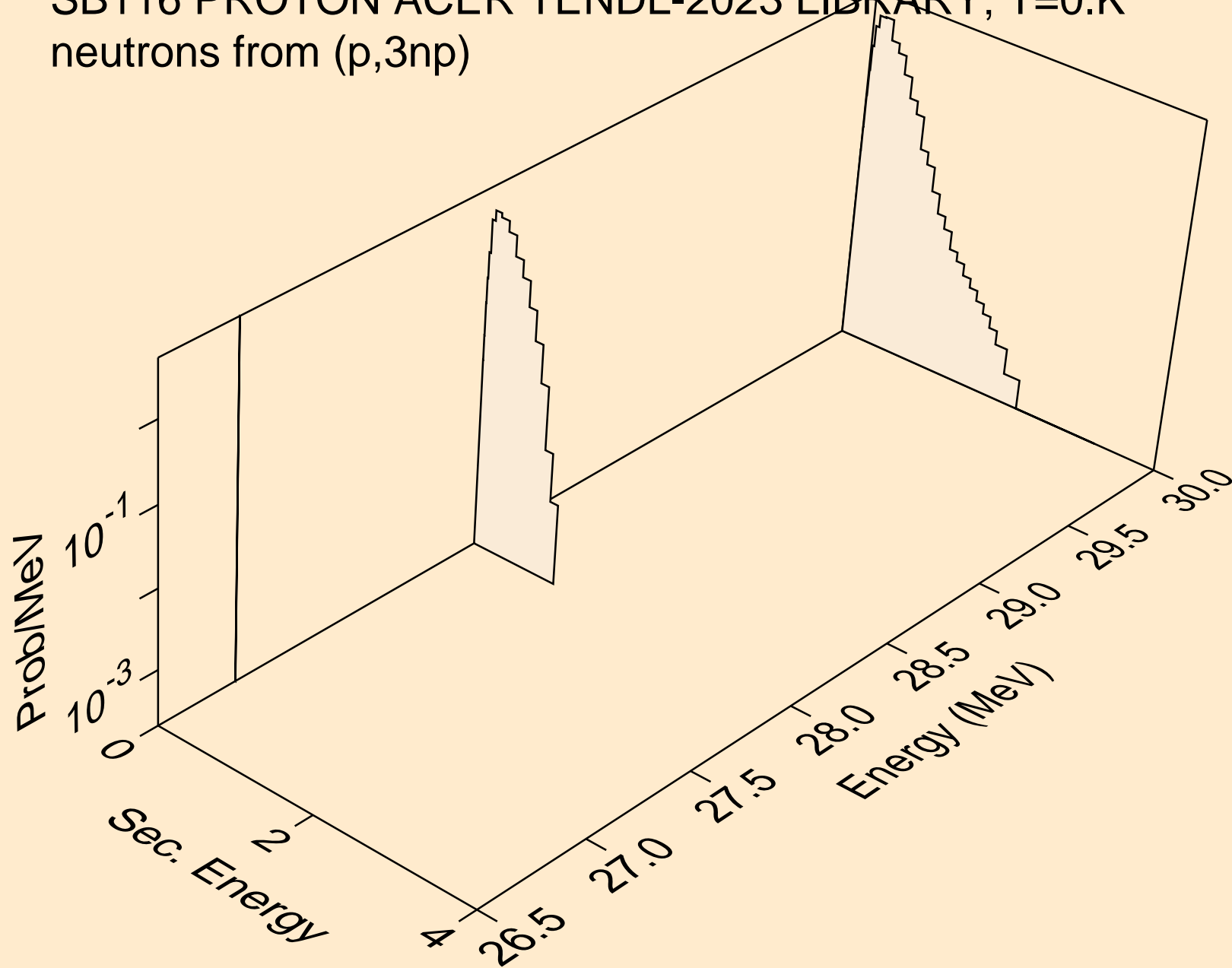
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neutrons from (p,n\*)he3



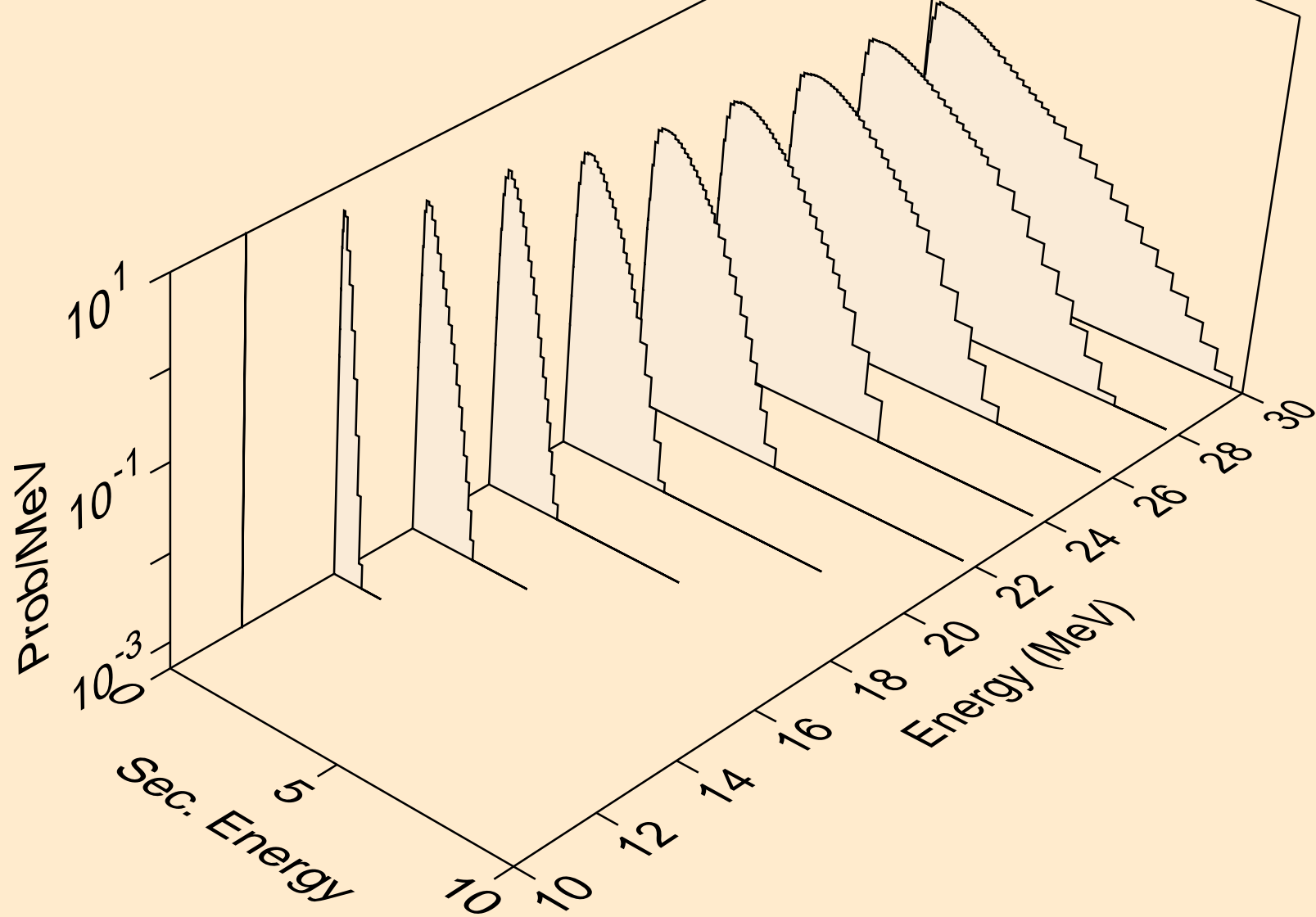
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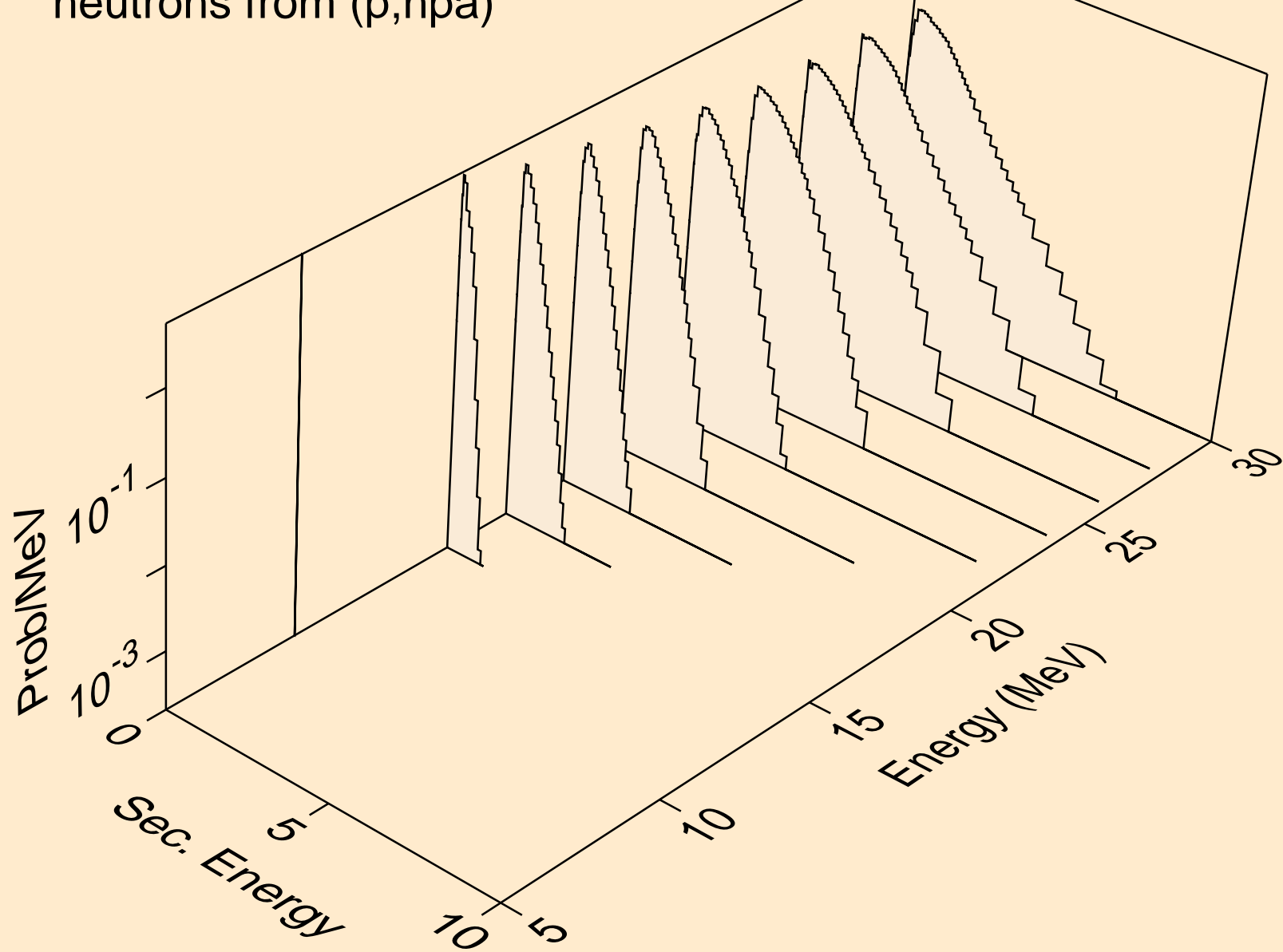
SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3np)



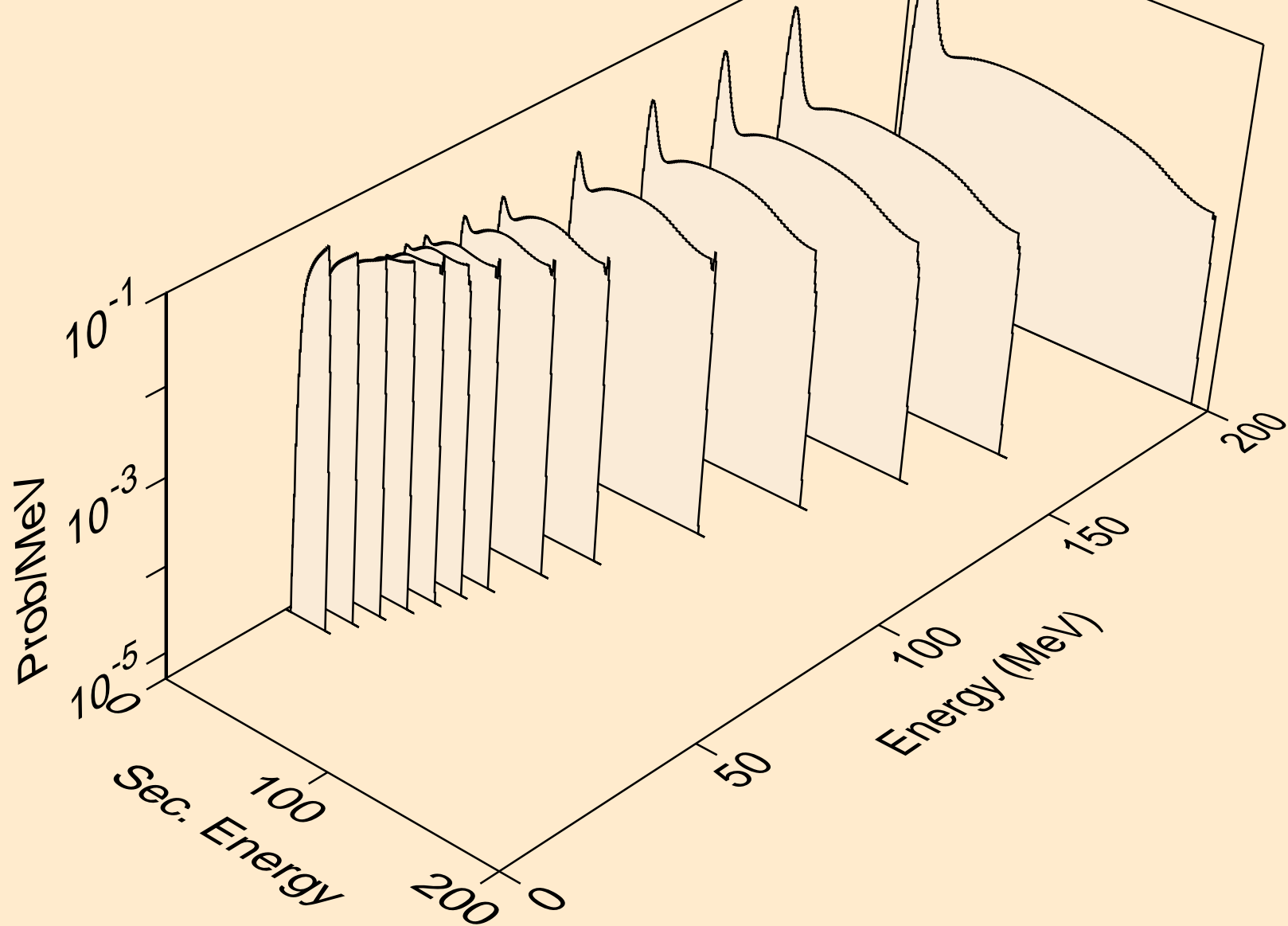
SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n2p)



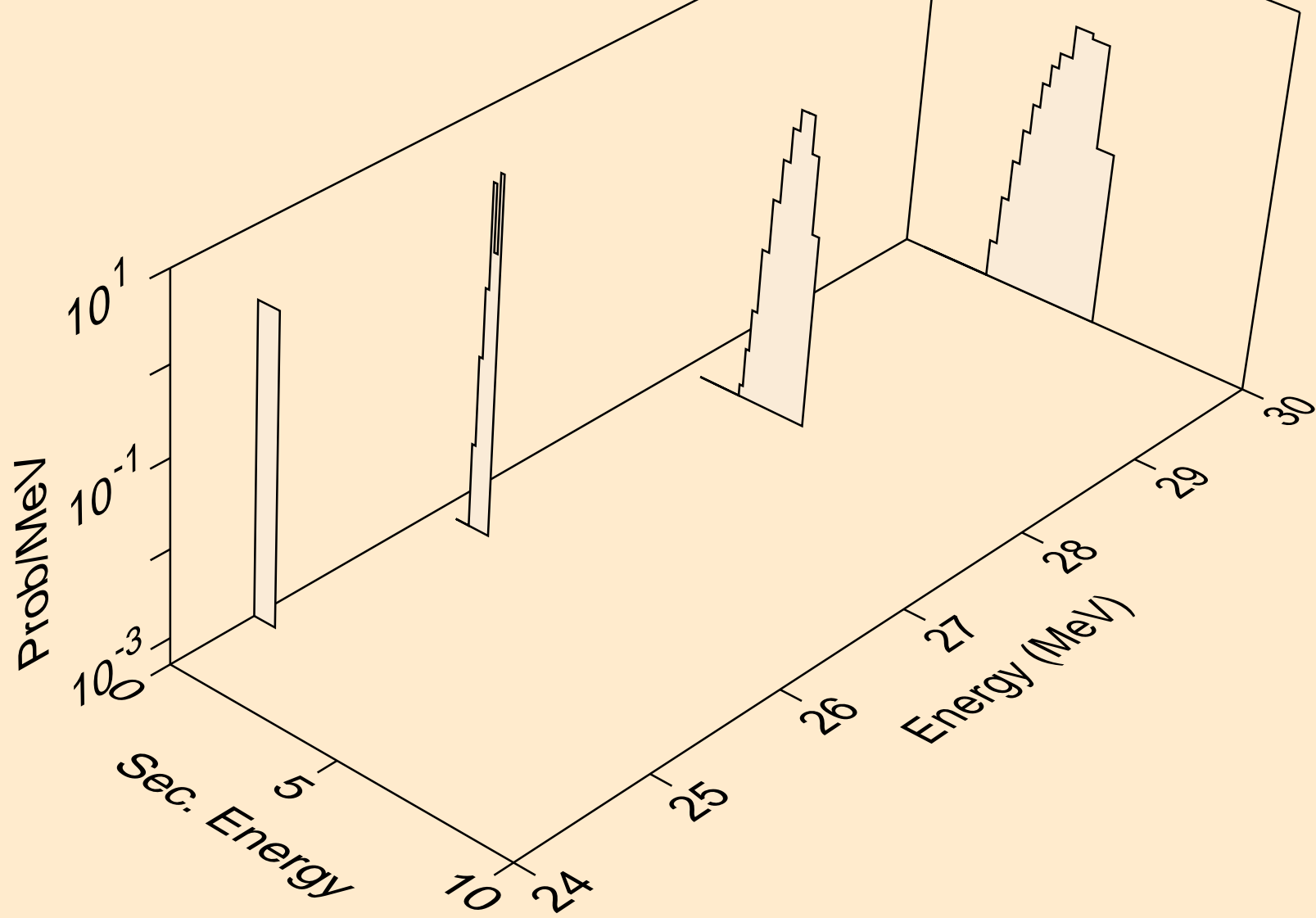
SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,npa)



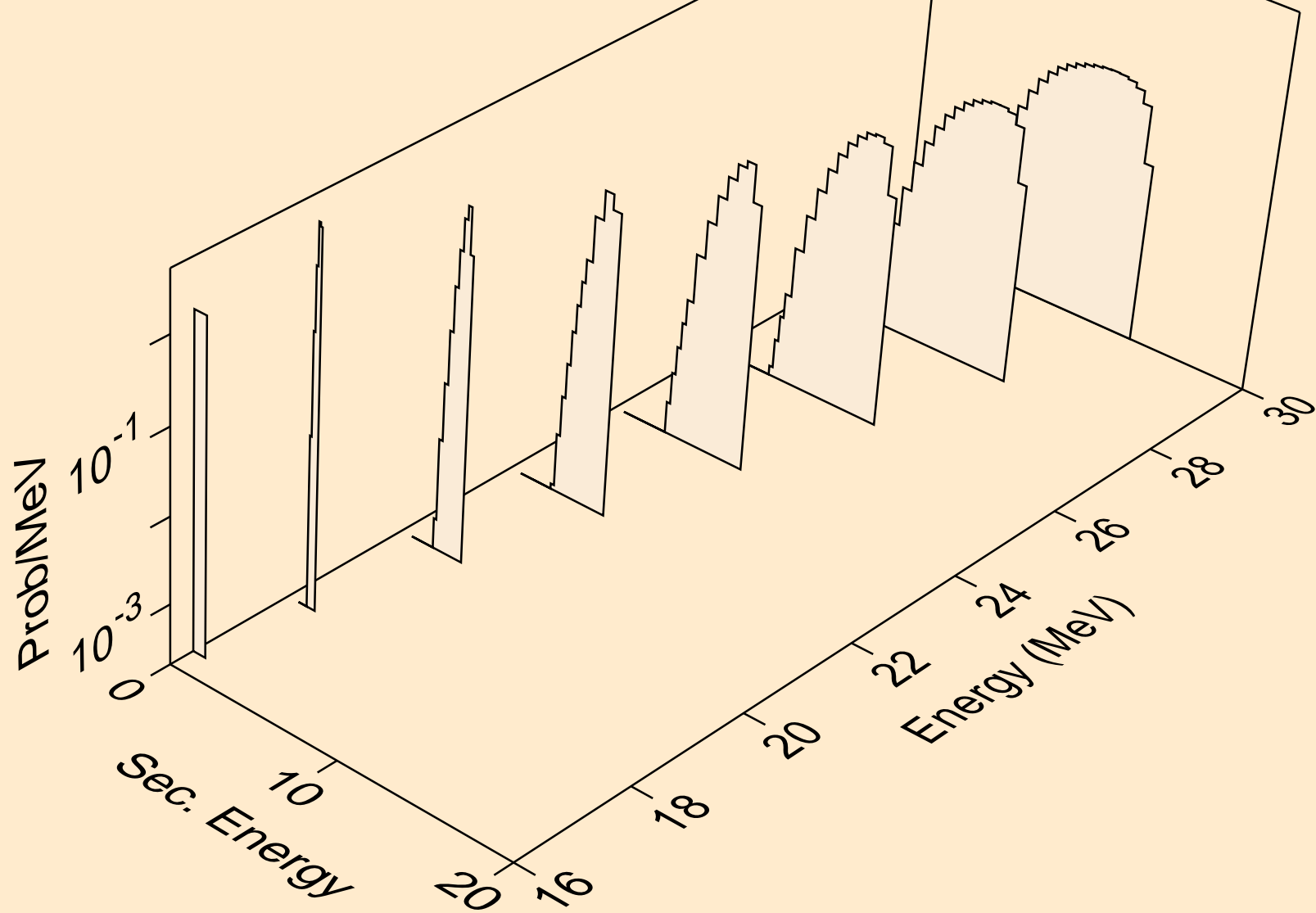
SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,x)



SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,2nd)

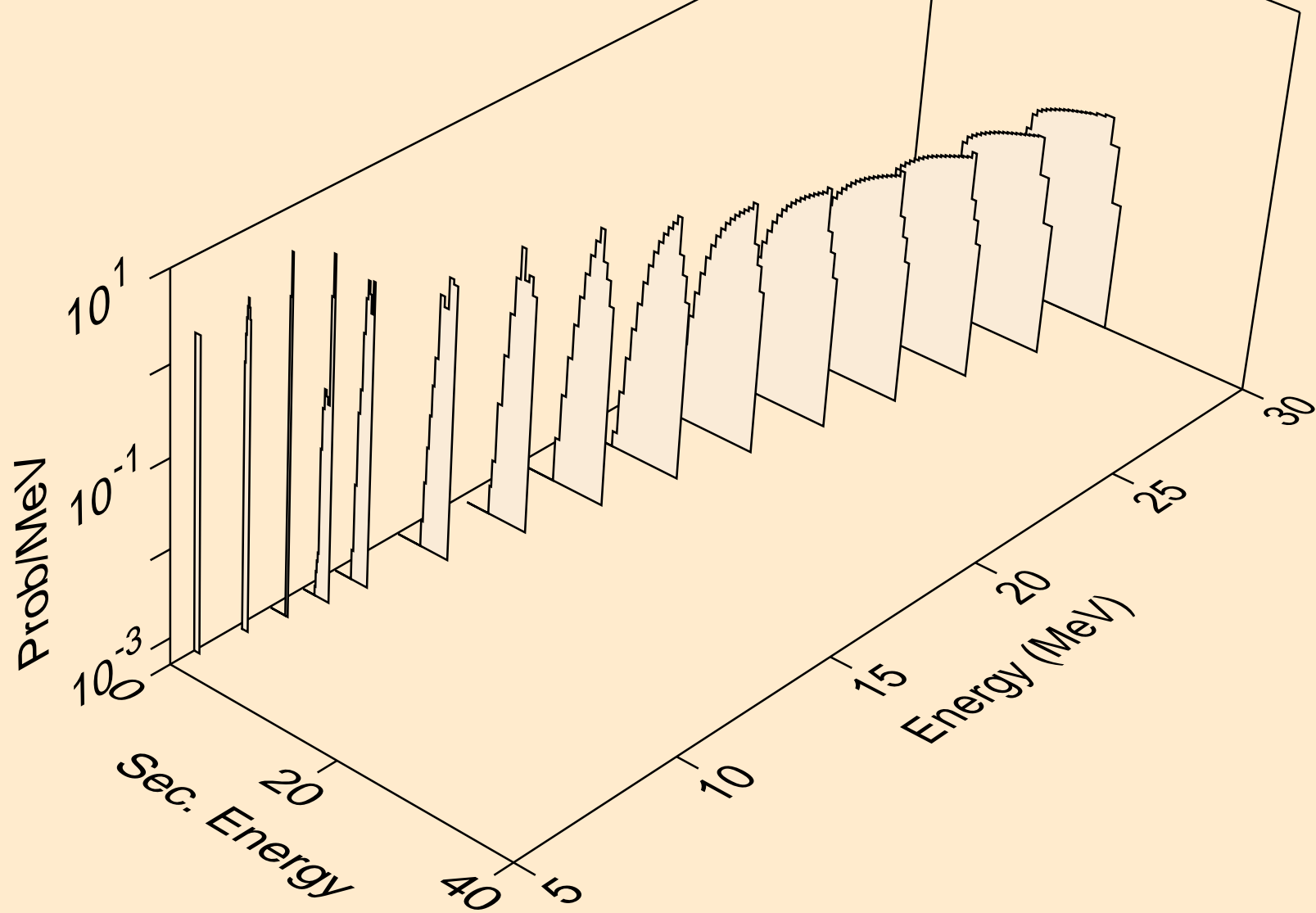


SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,n\*)d

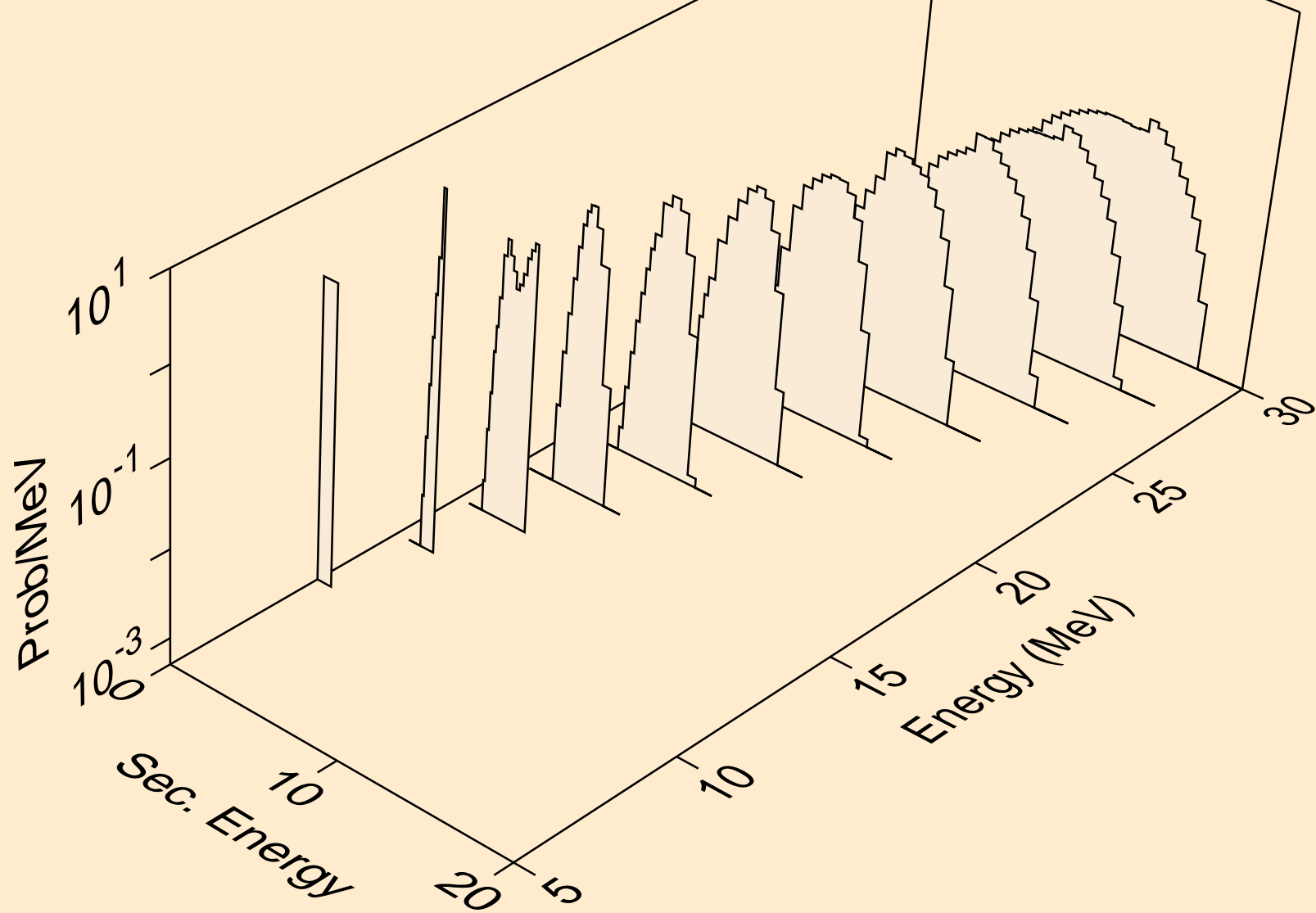




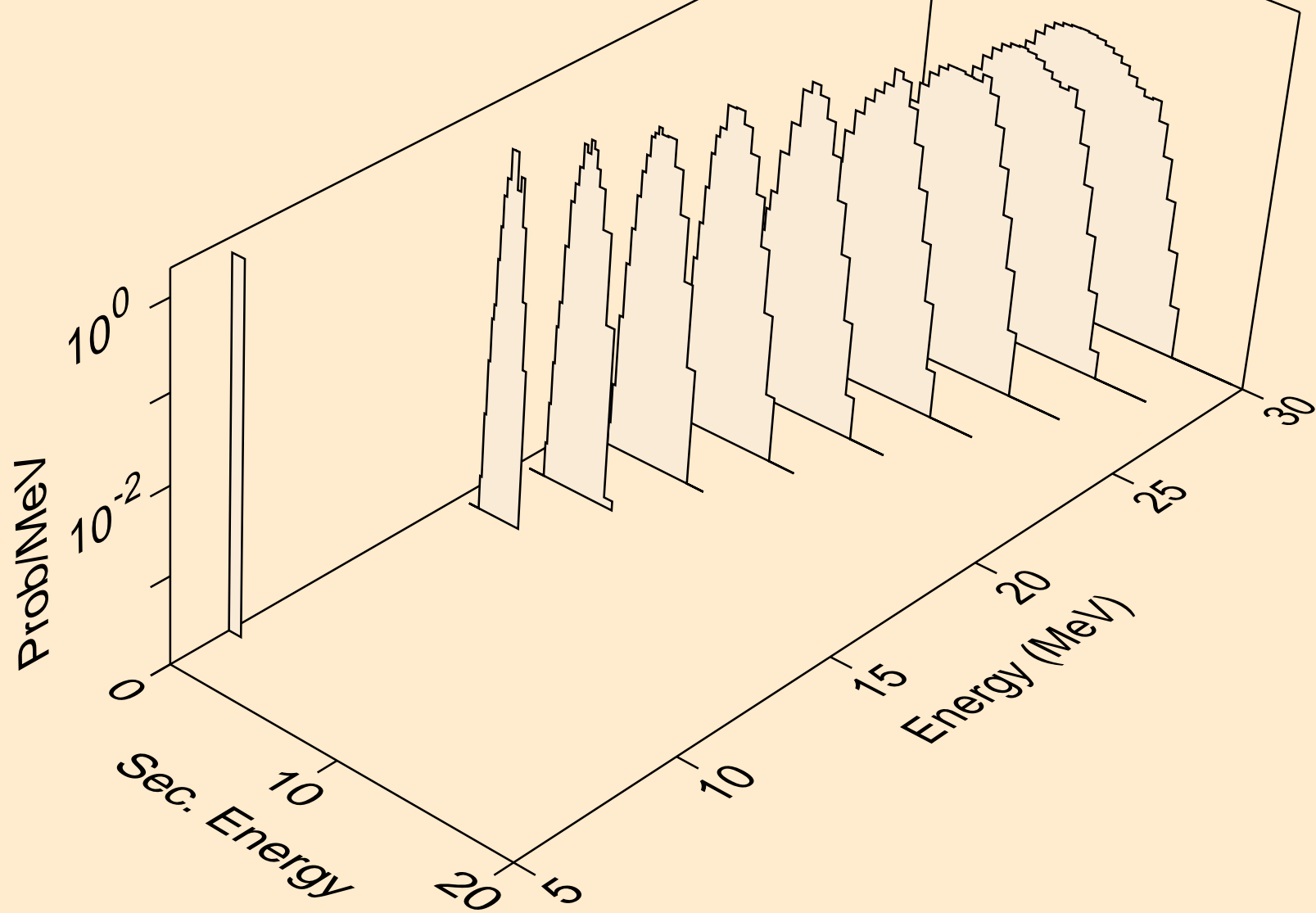
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deuterons from (p,d)



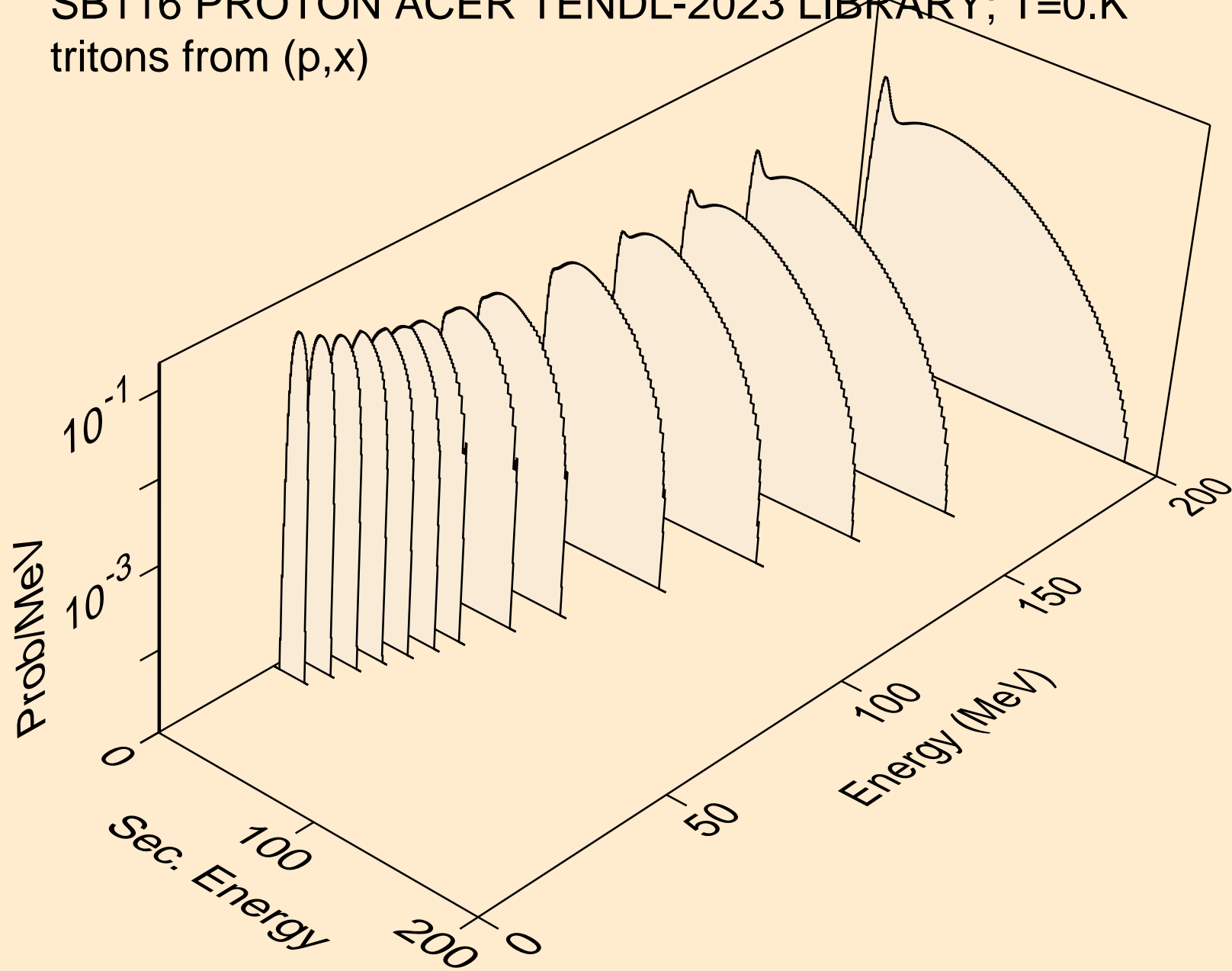
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deuterons from (p,pd)



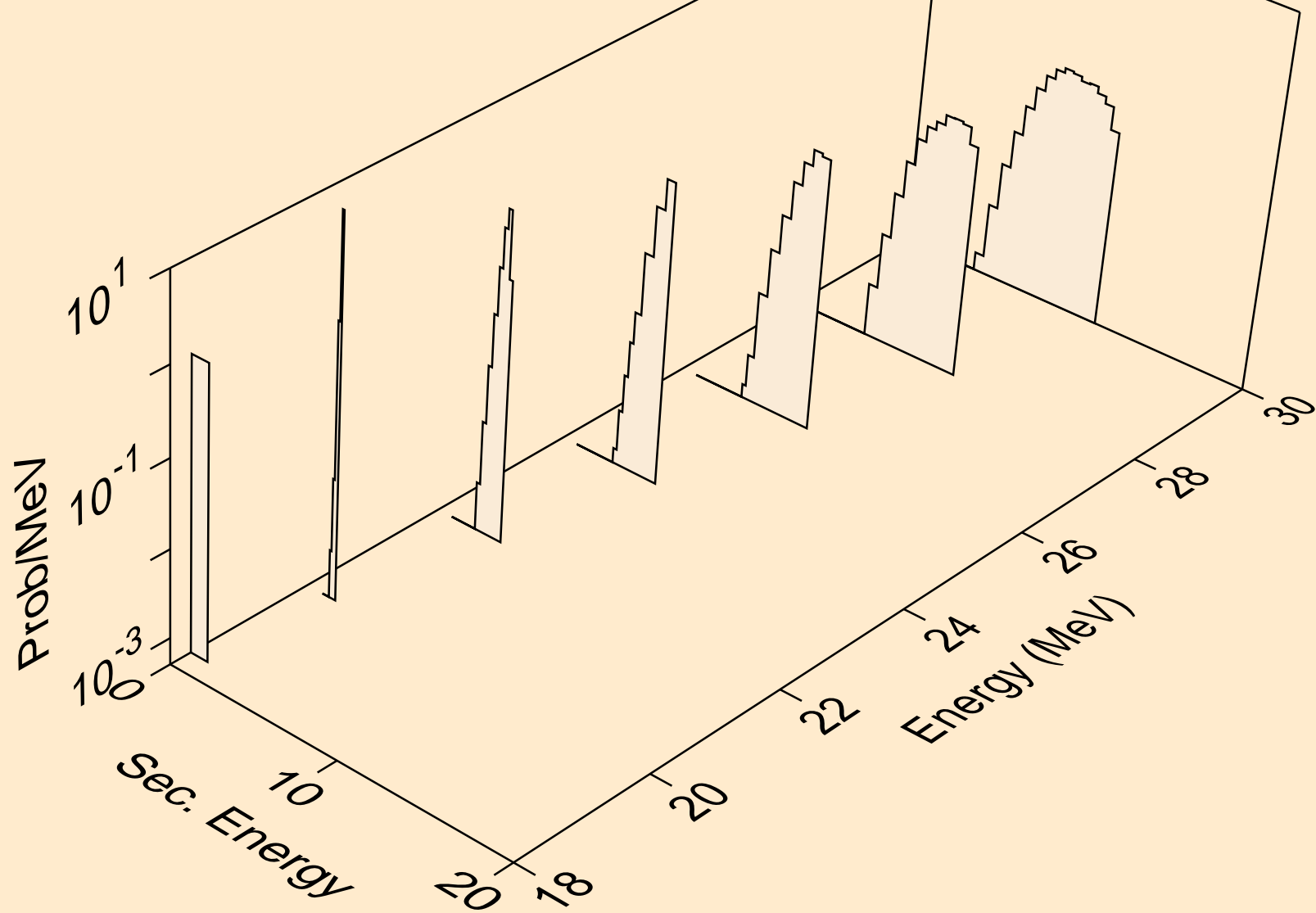
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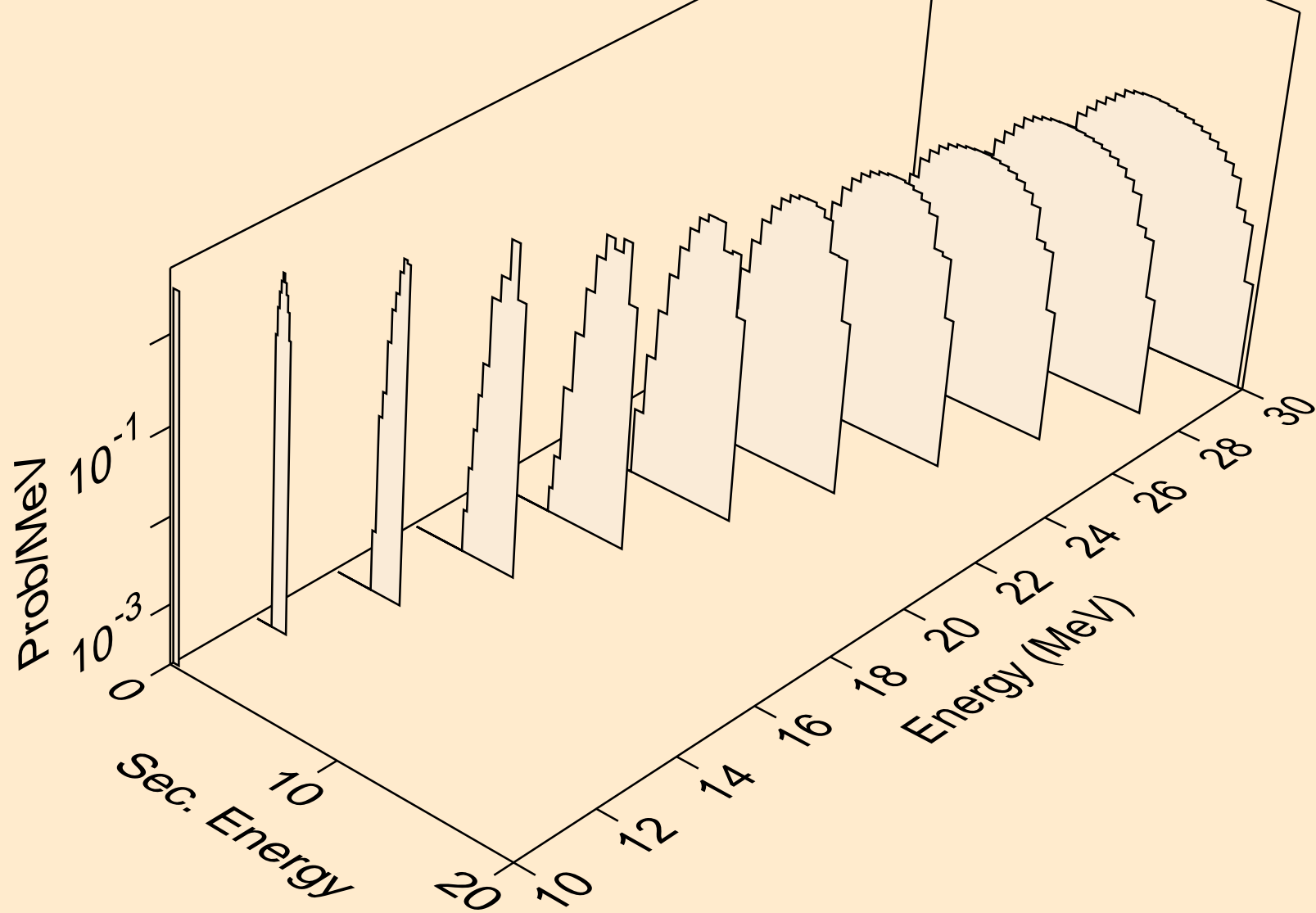
SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)



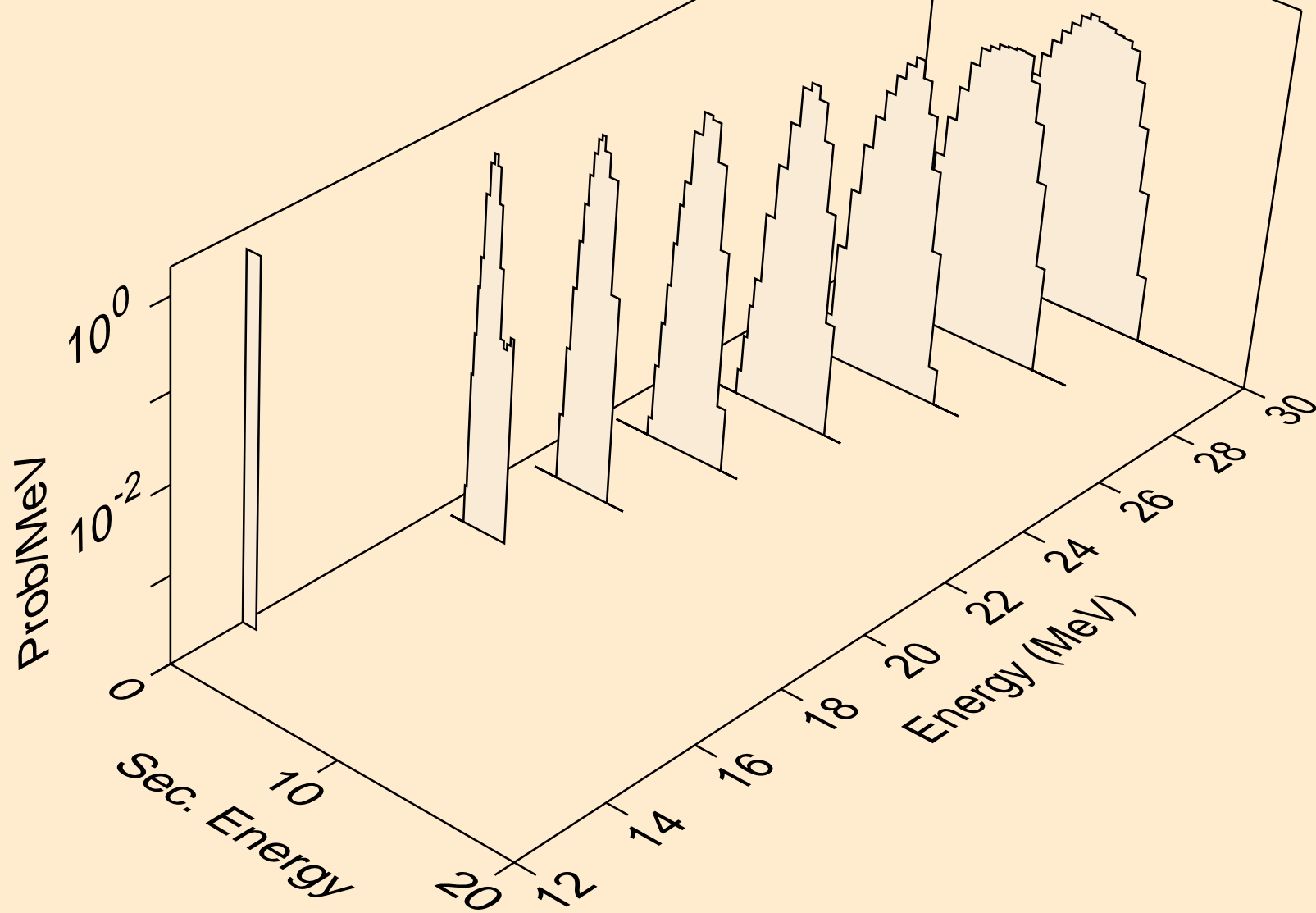
SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,n\*)t



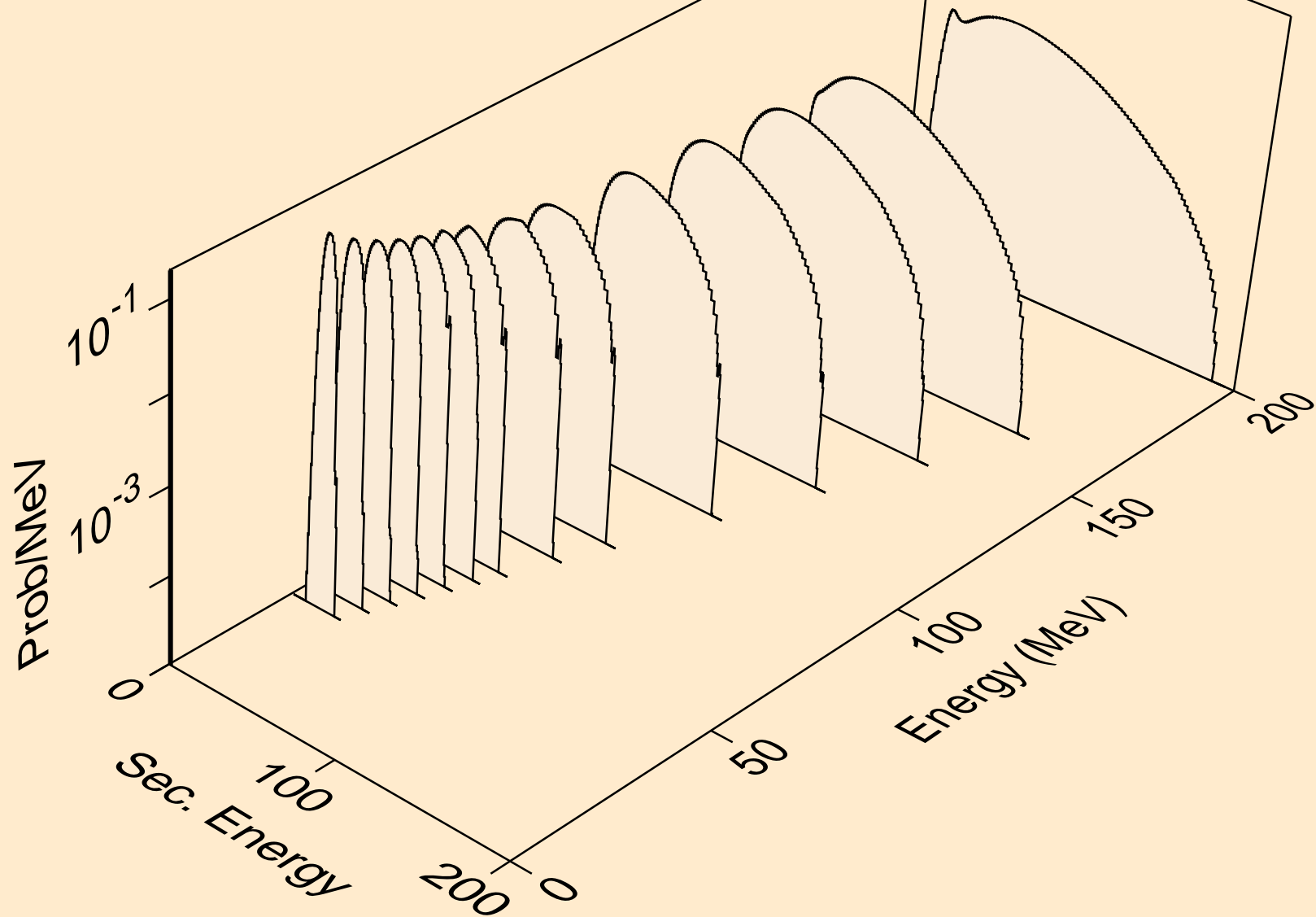
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tritons from (p,t)



SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,pt)

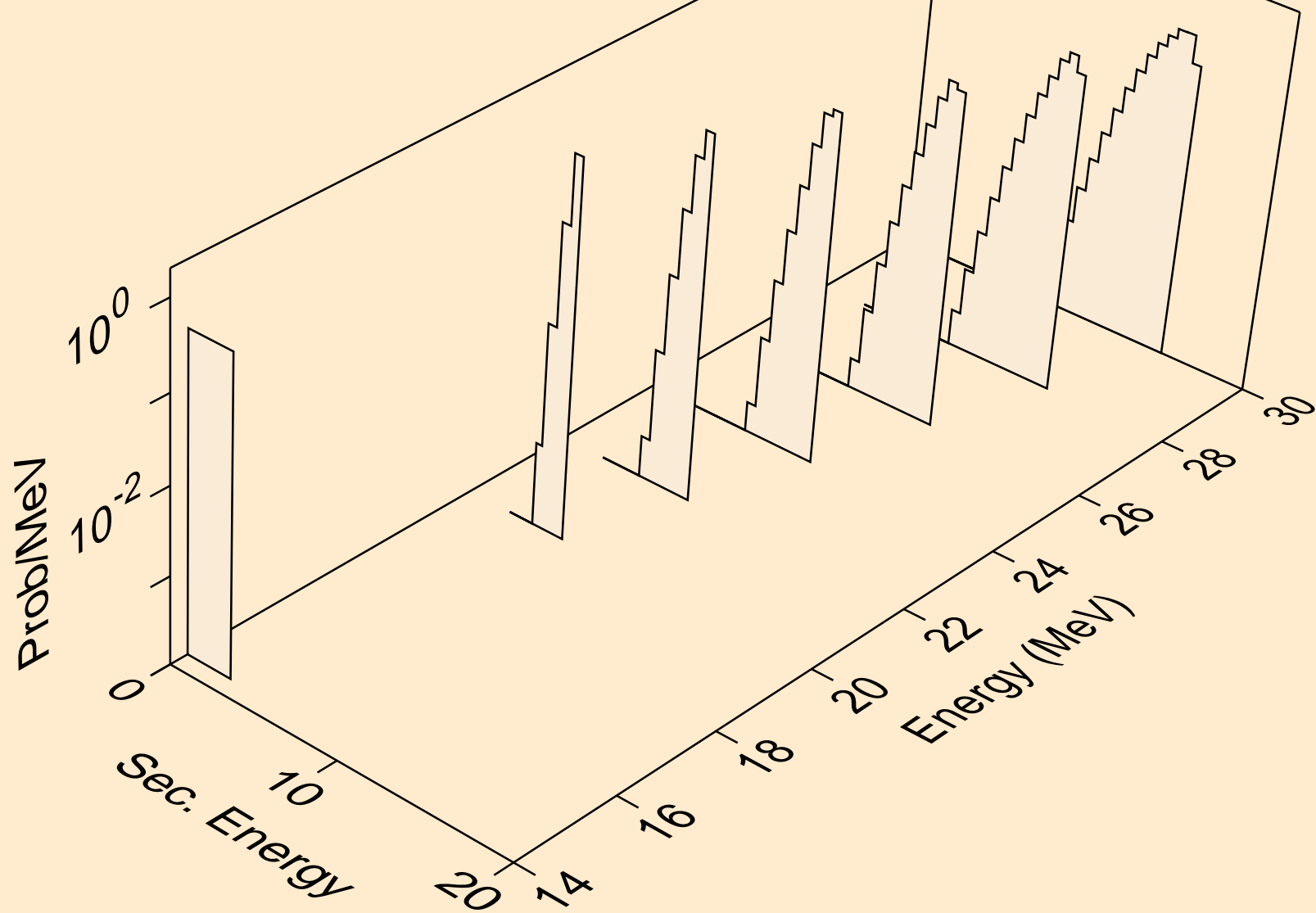


SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)

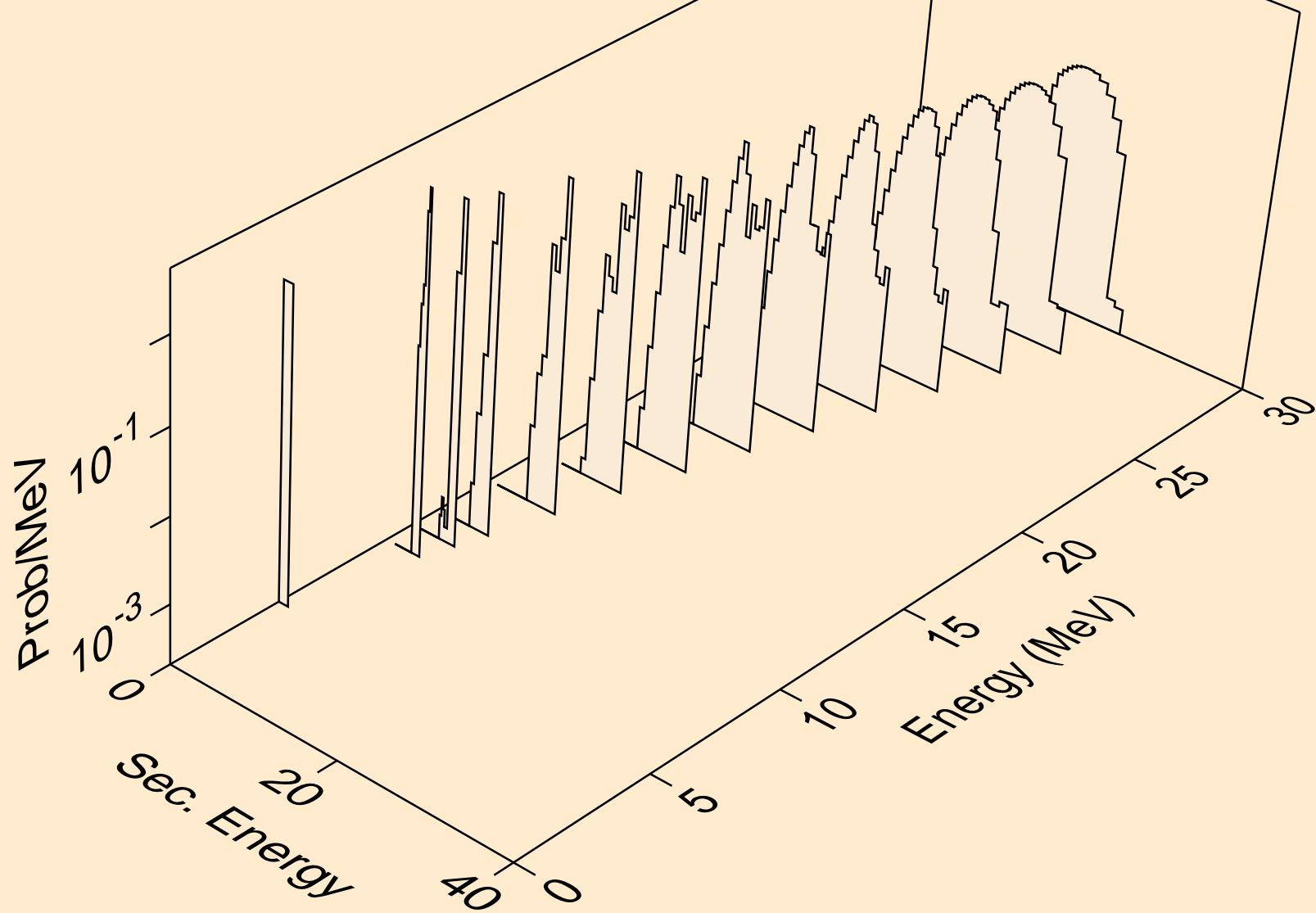




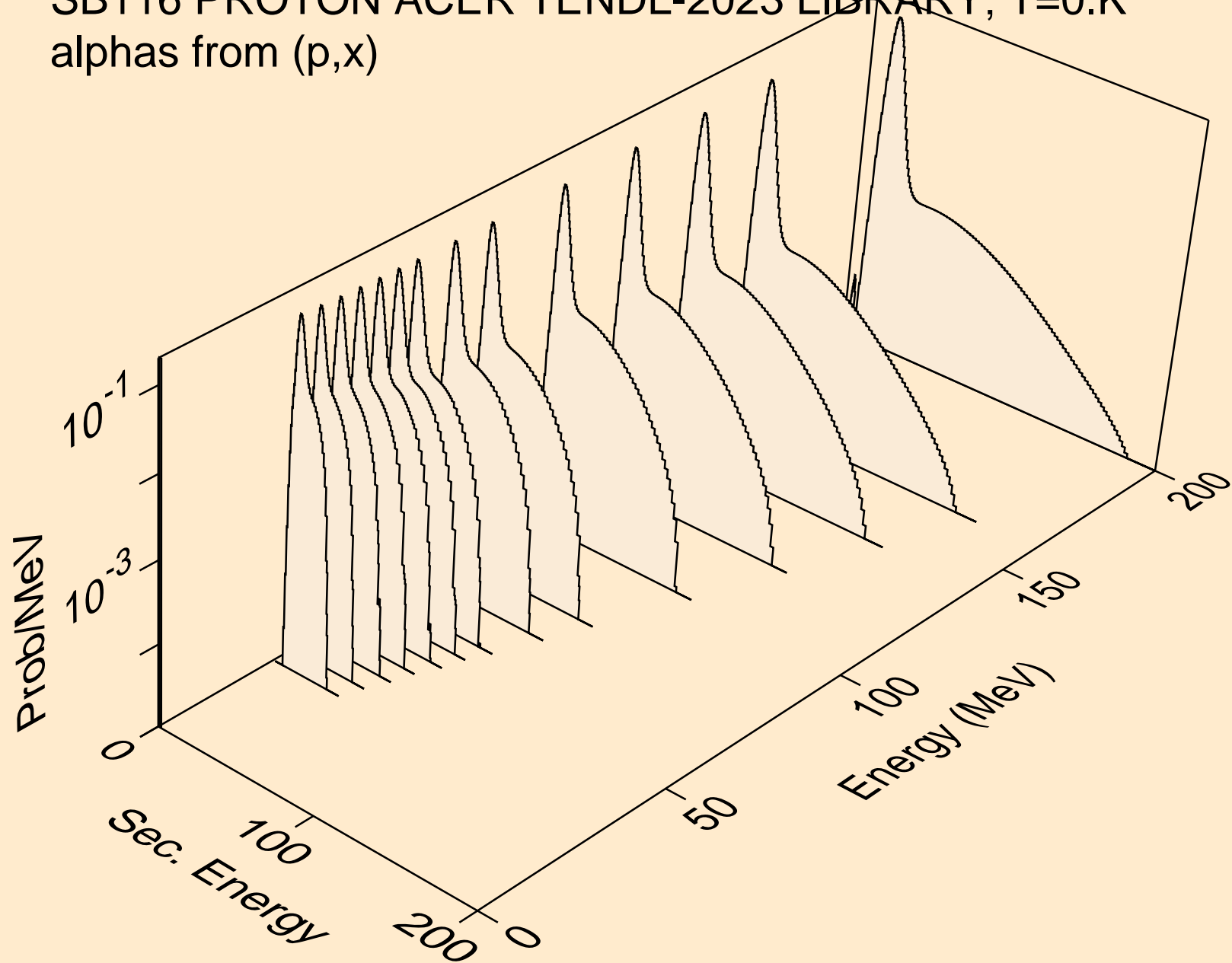
SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3



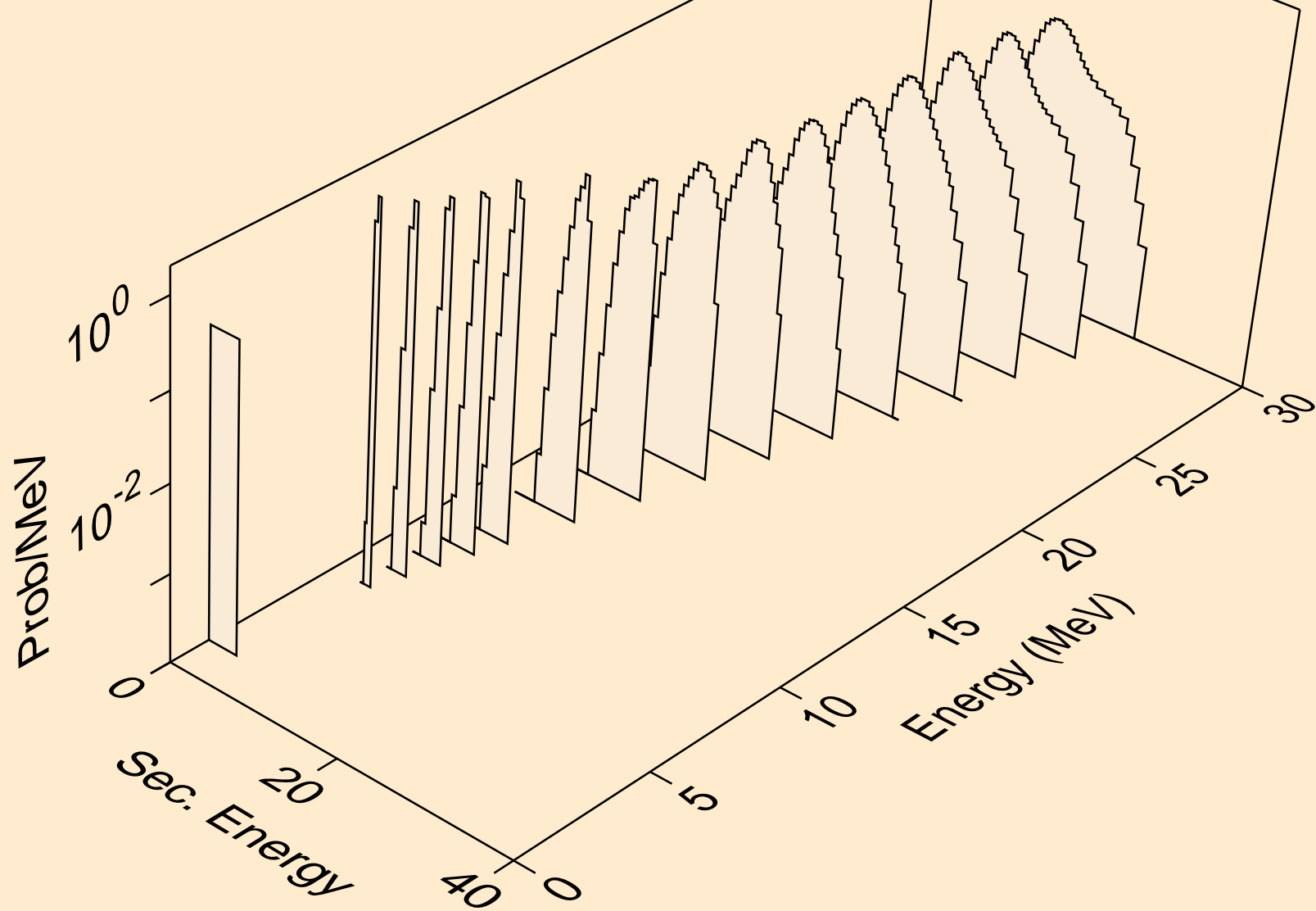
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he3s from (p,he3)



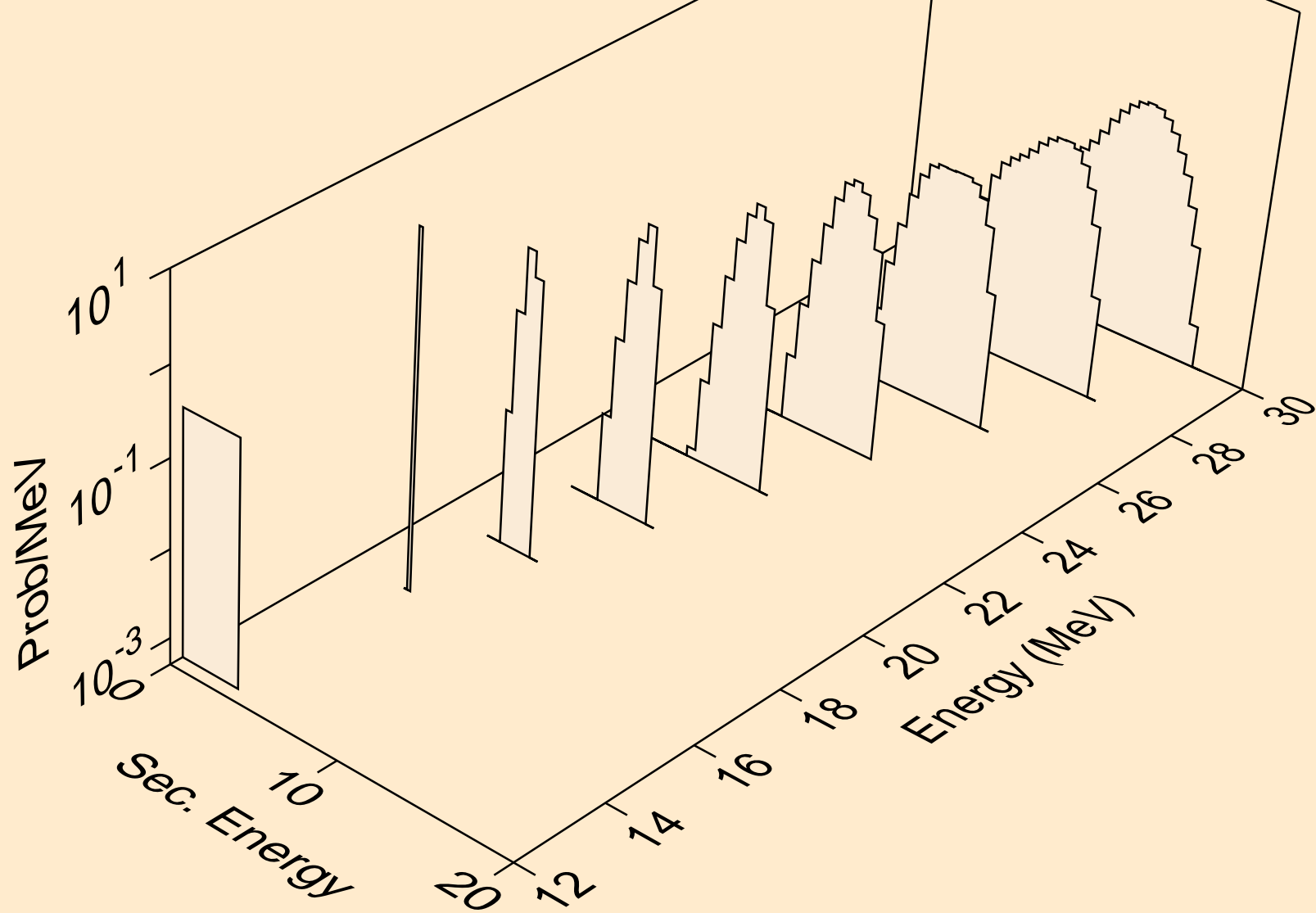
SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



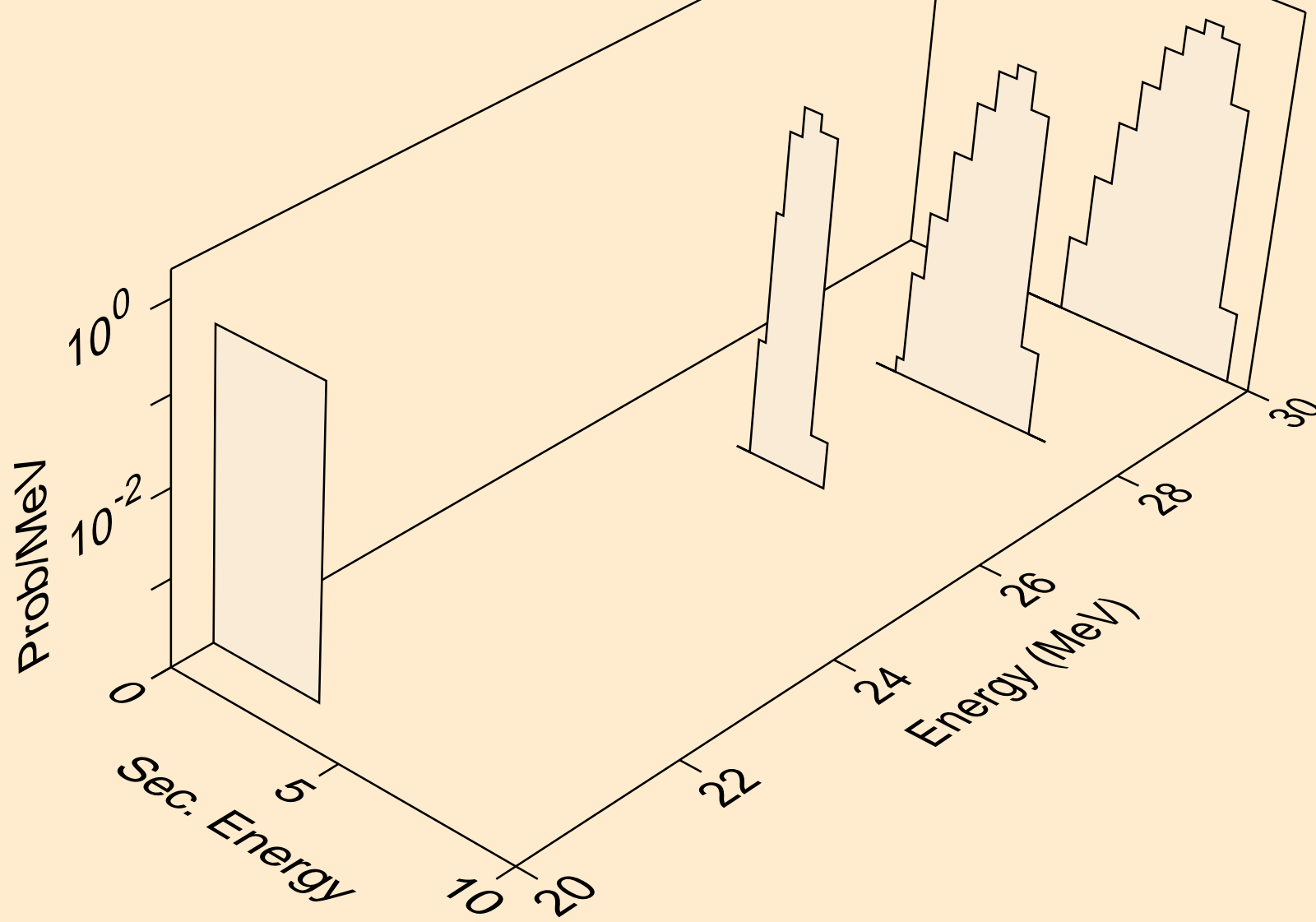
SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a



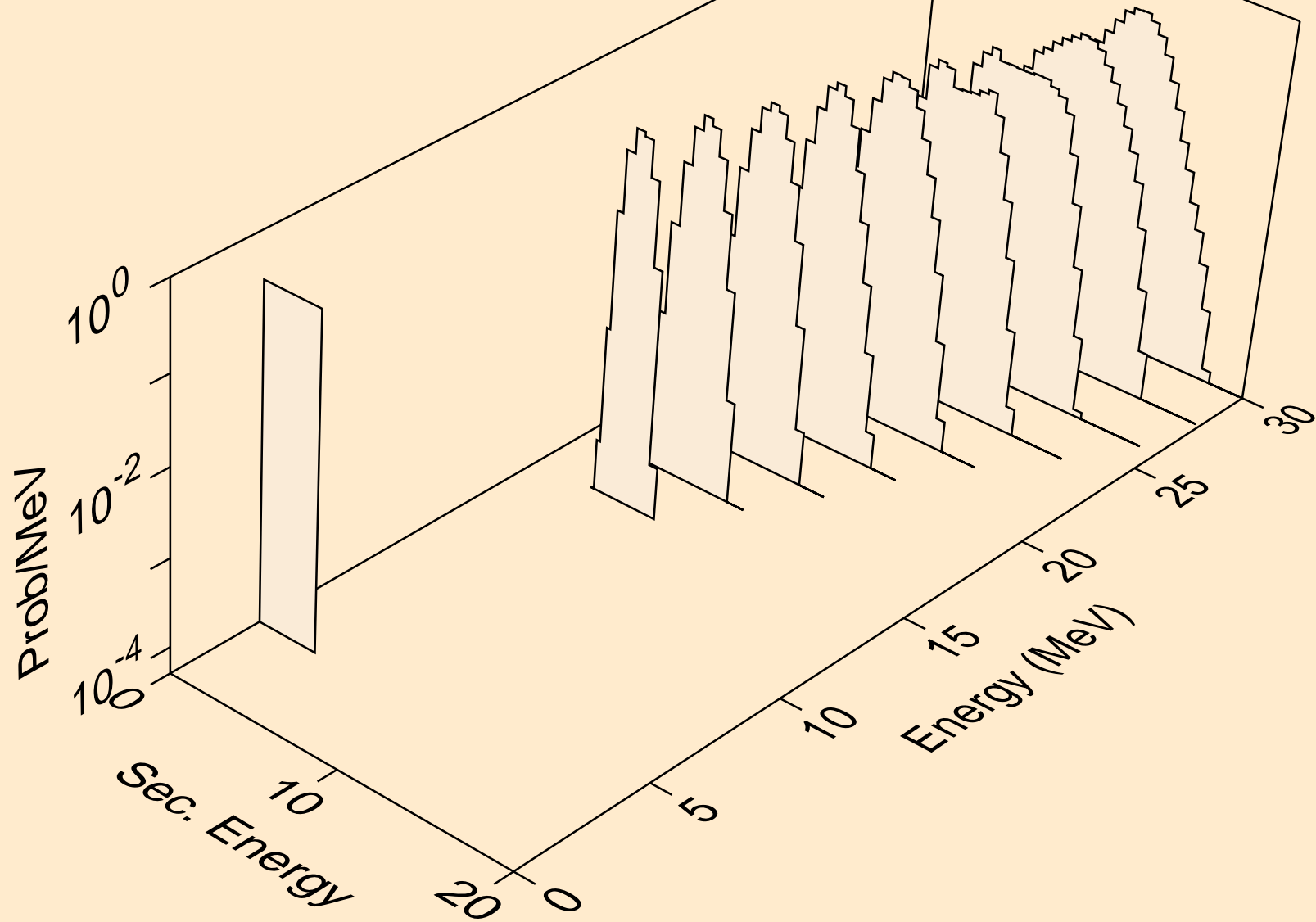
SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a



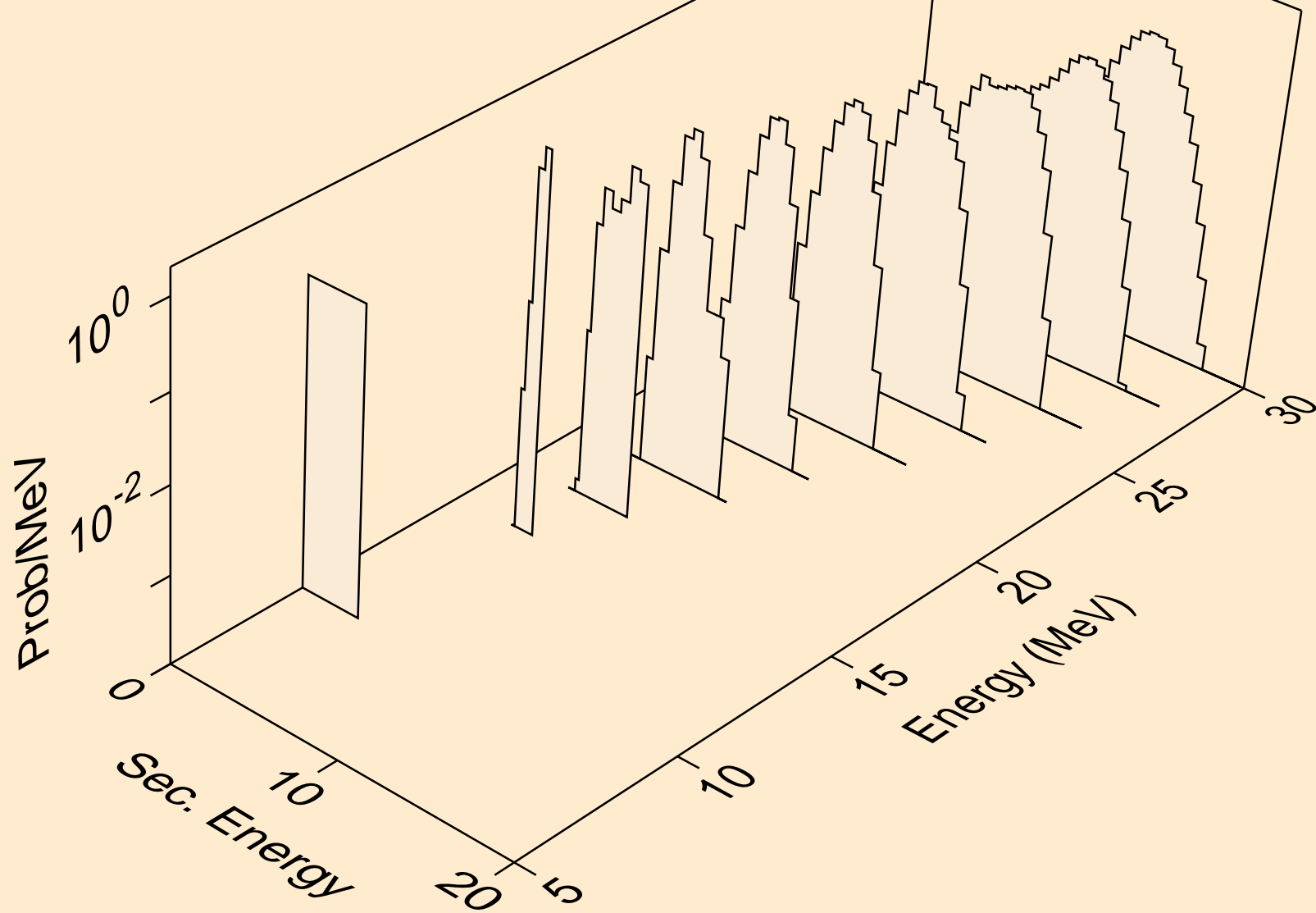
SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,3n)a



SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)2a

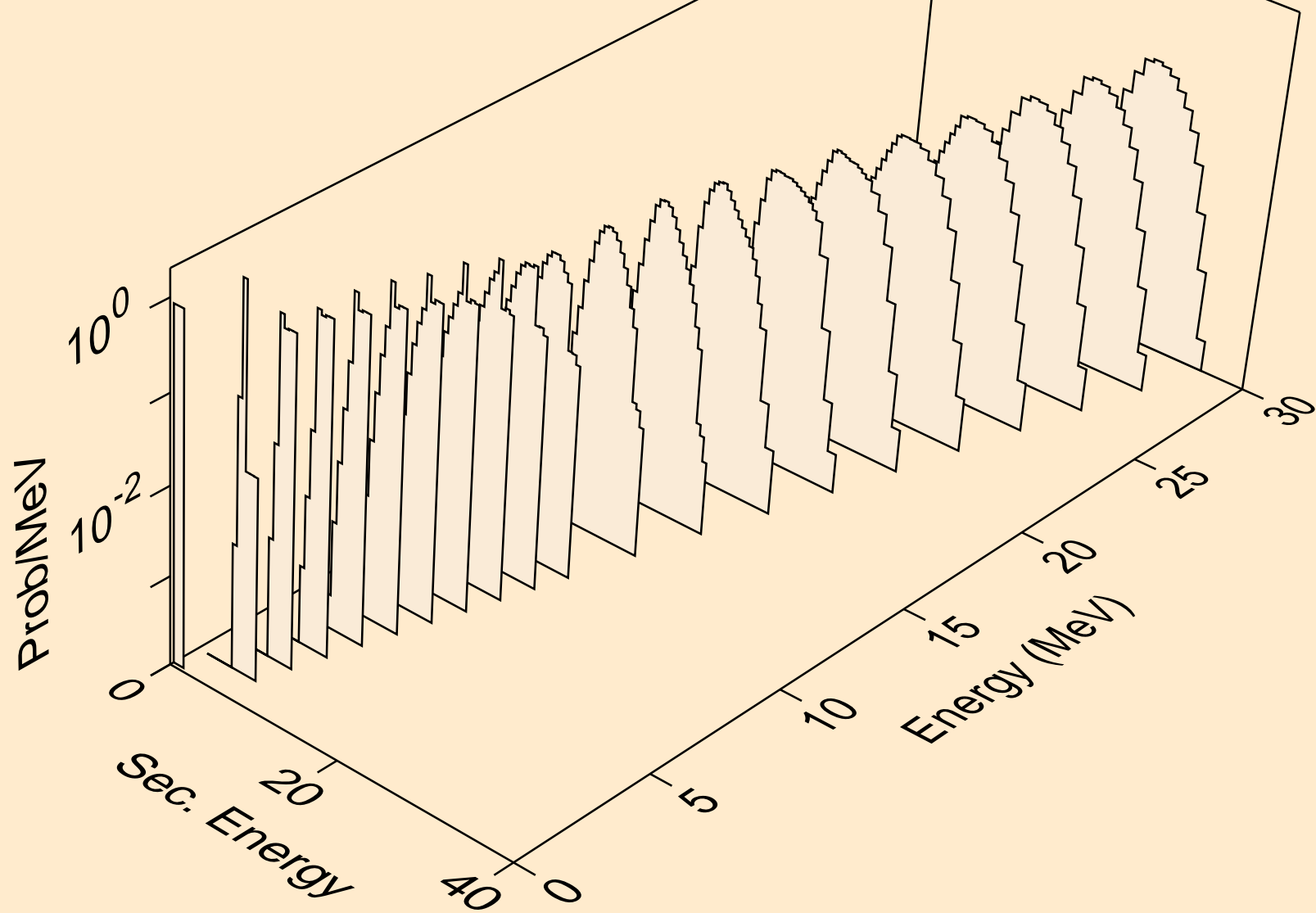


SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,npa)

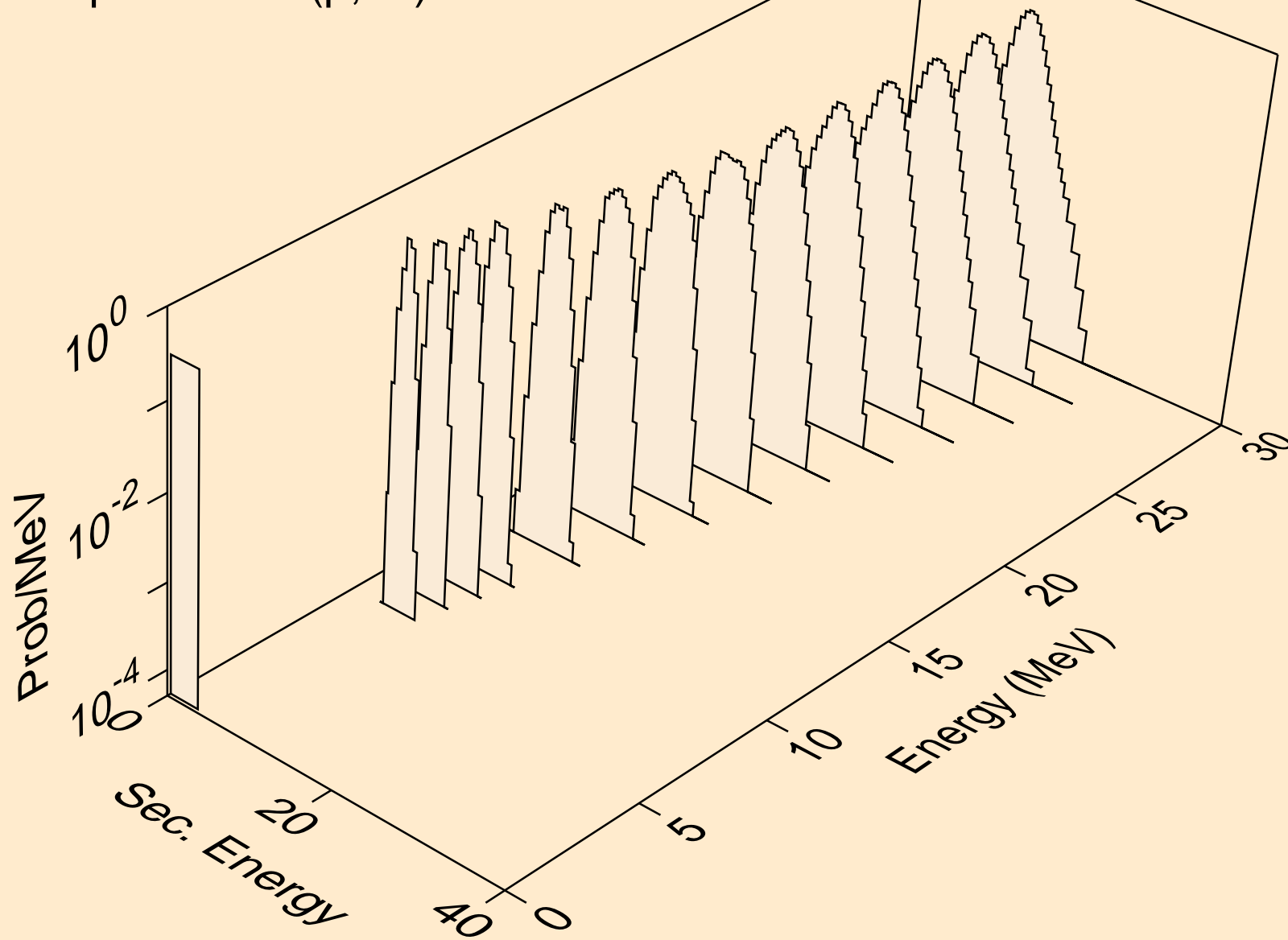




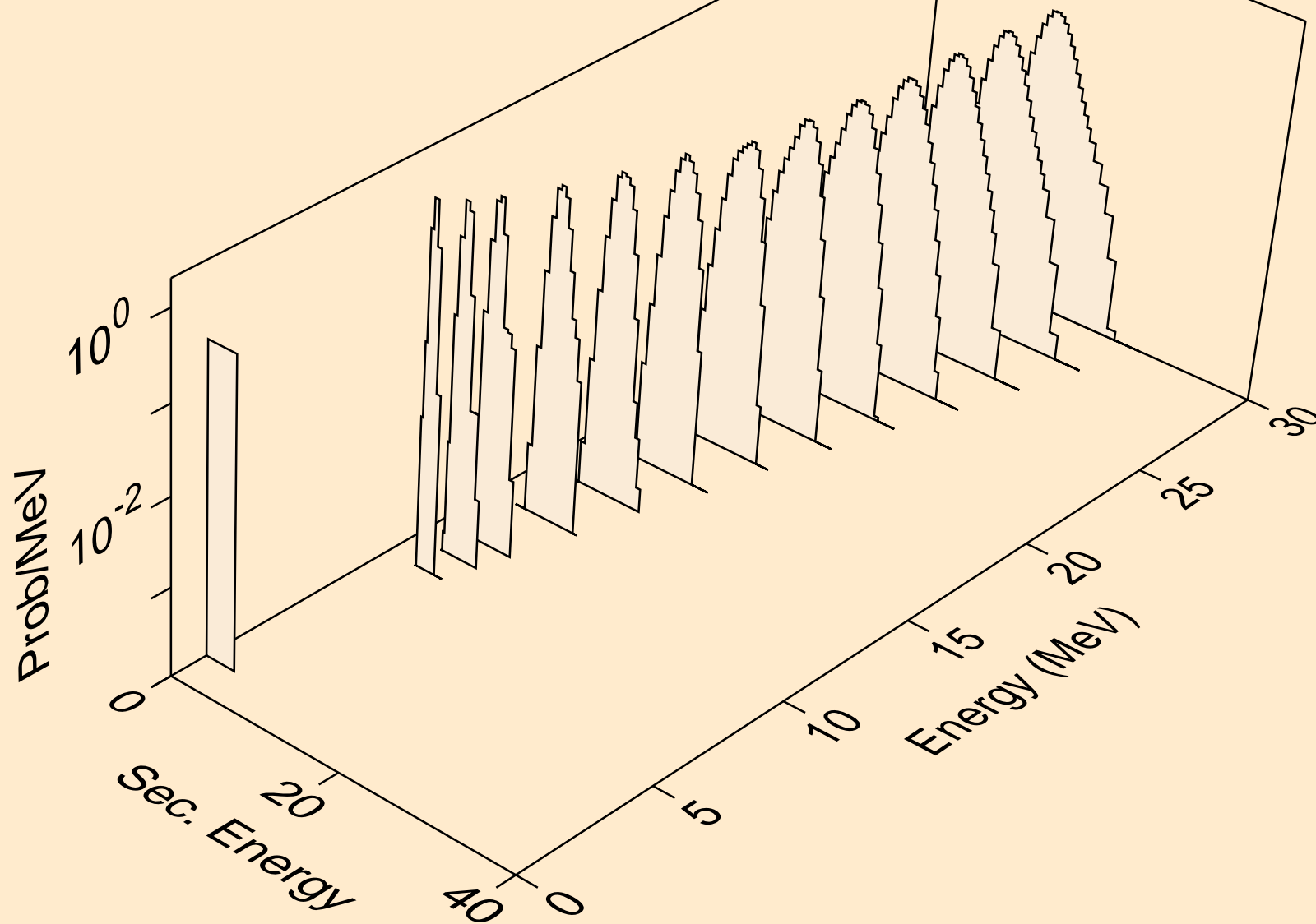
SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)



SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2a)



SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,pa)



SB116 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,da)

