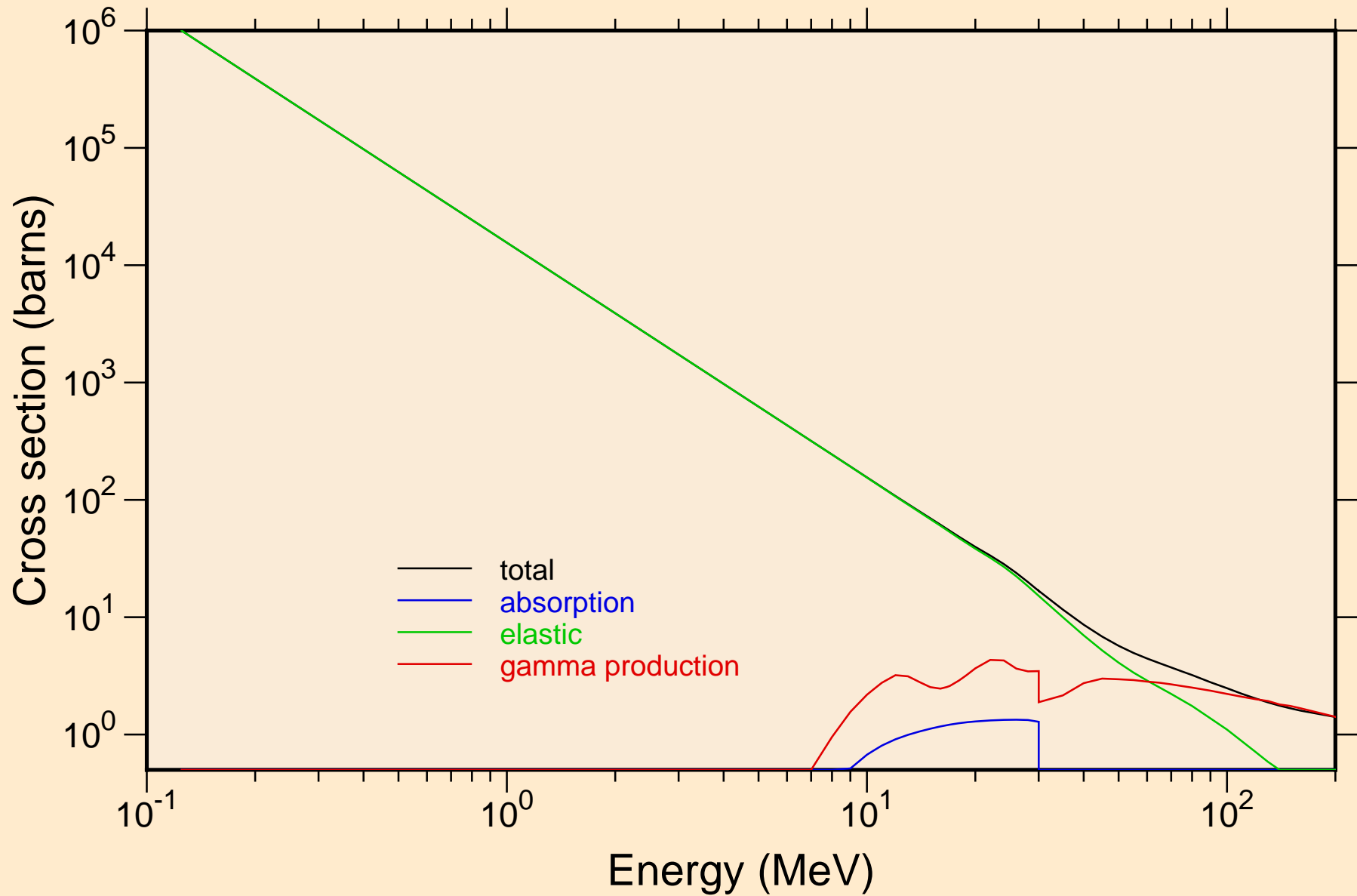


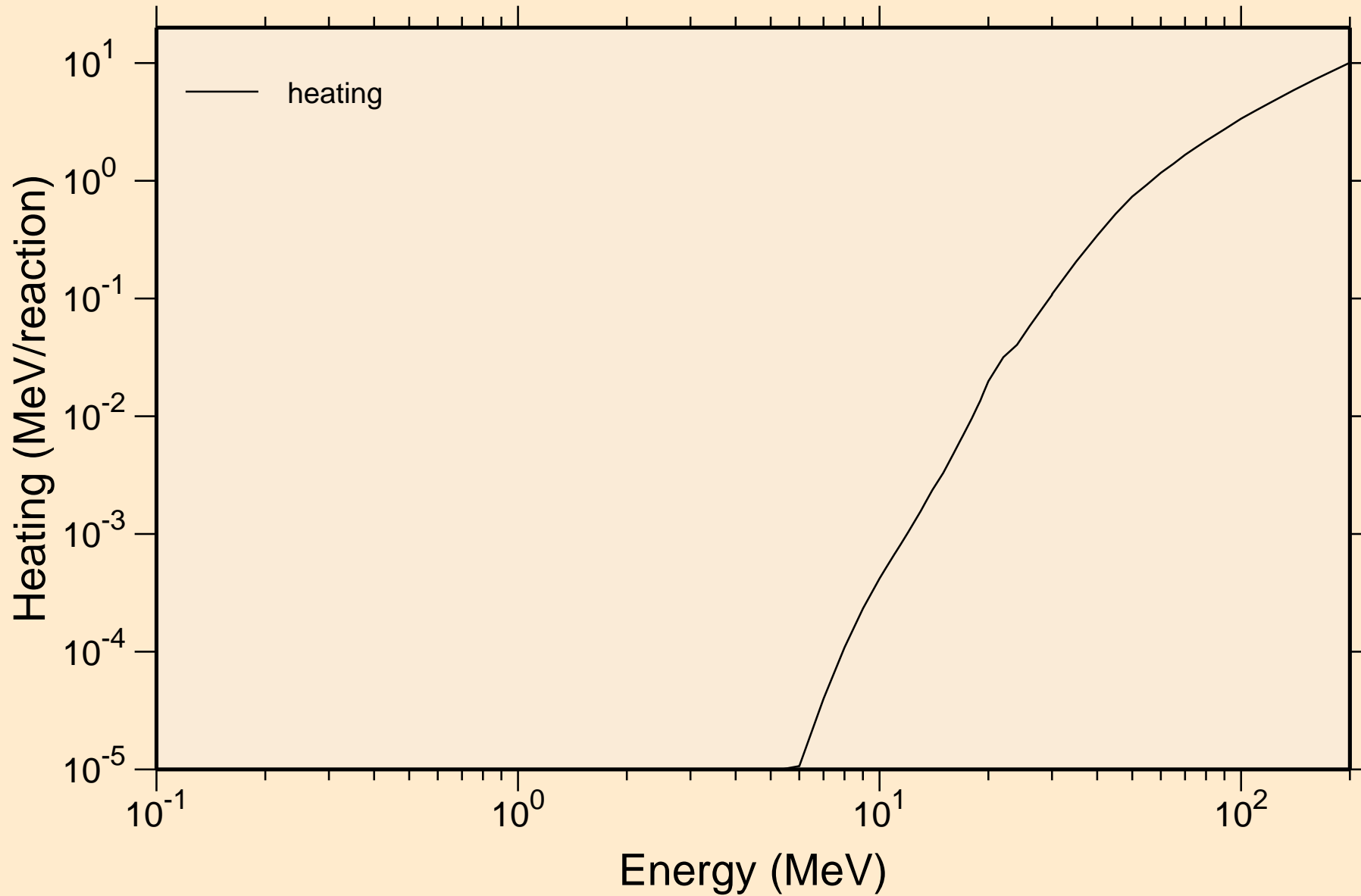
# SN129 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



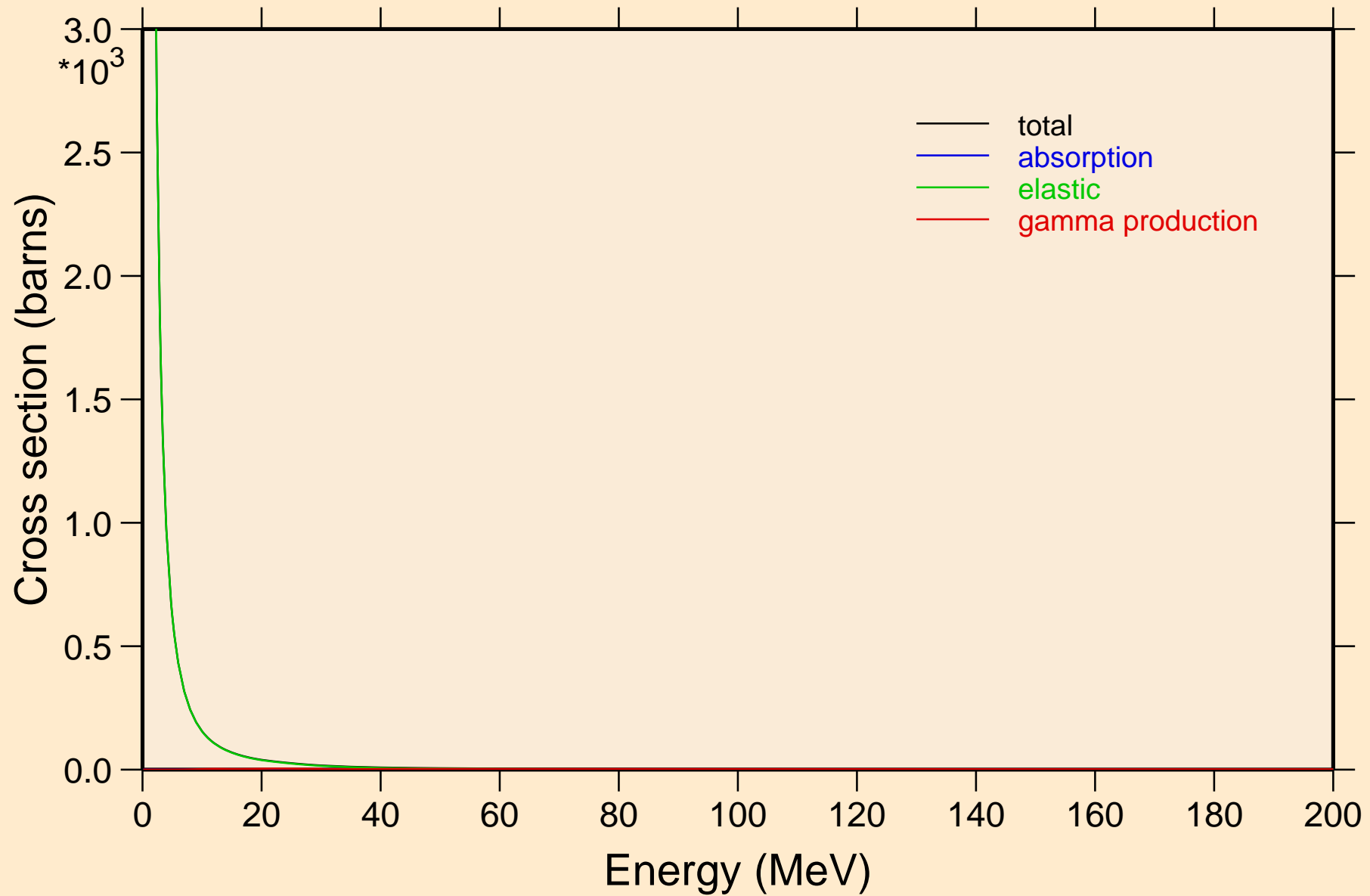
# SN129 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



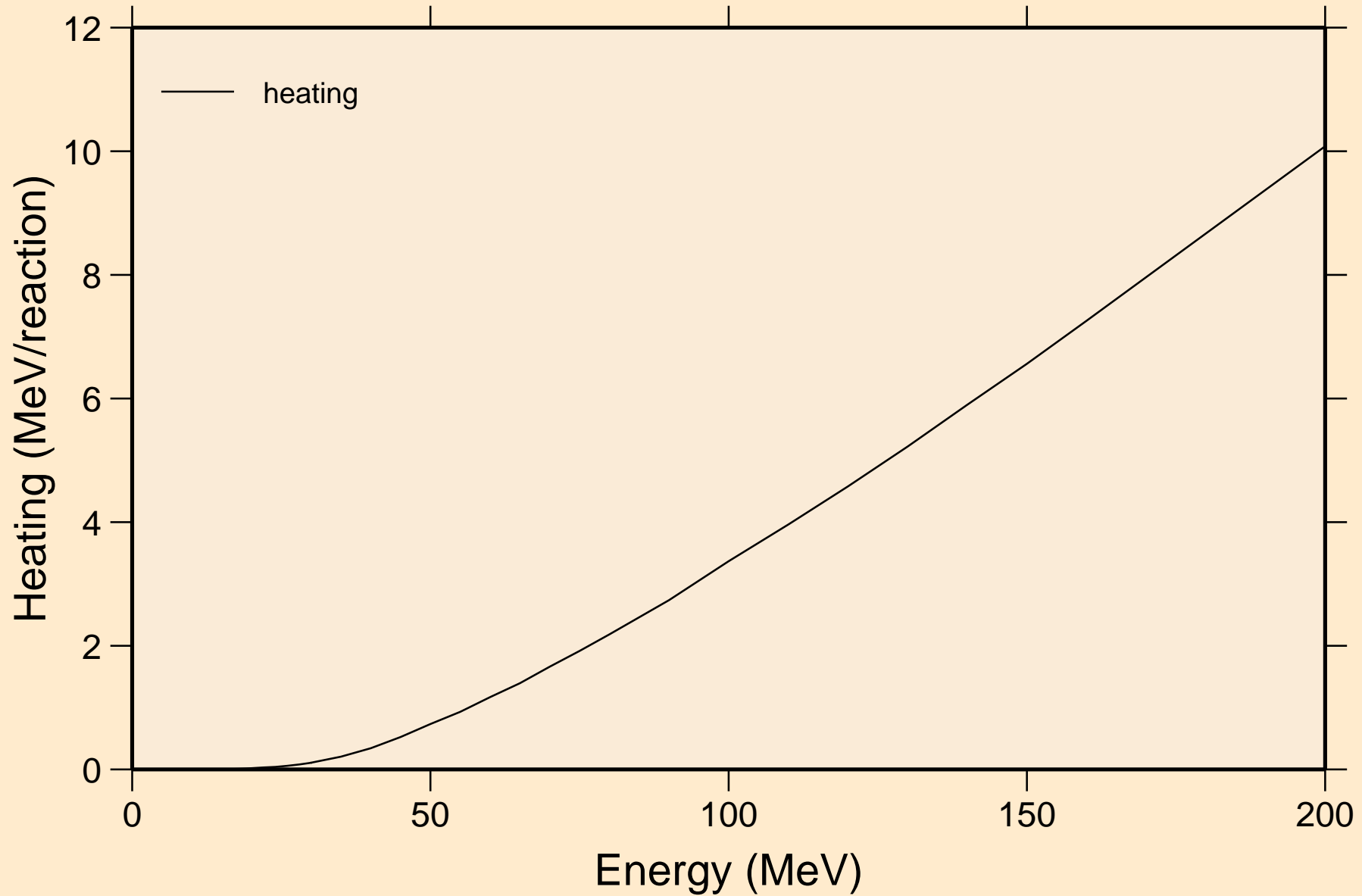
# SN129 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



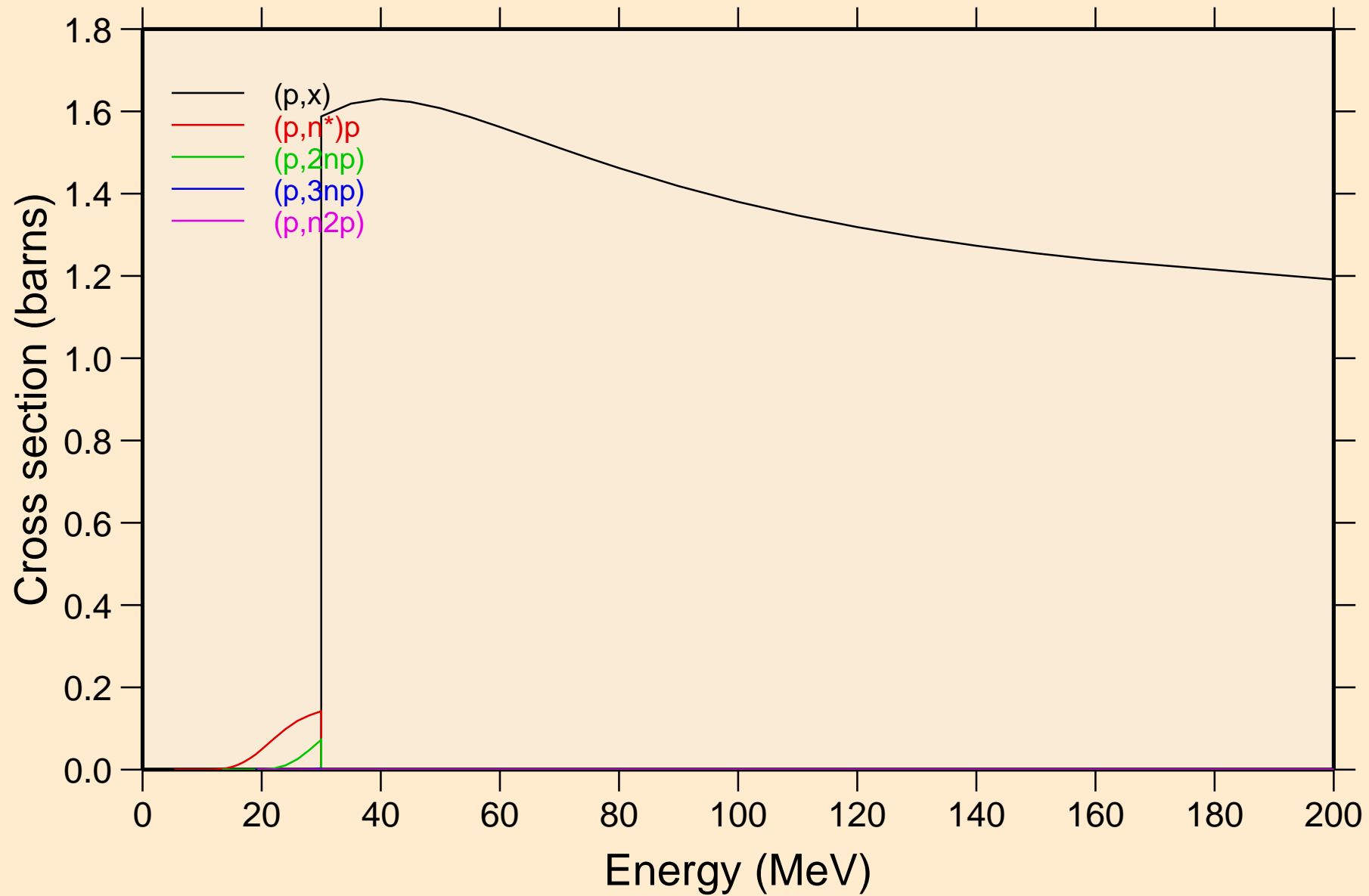
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## Heating



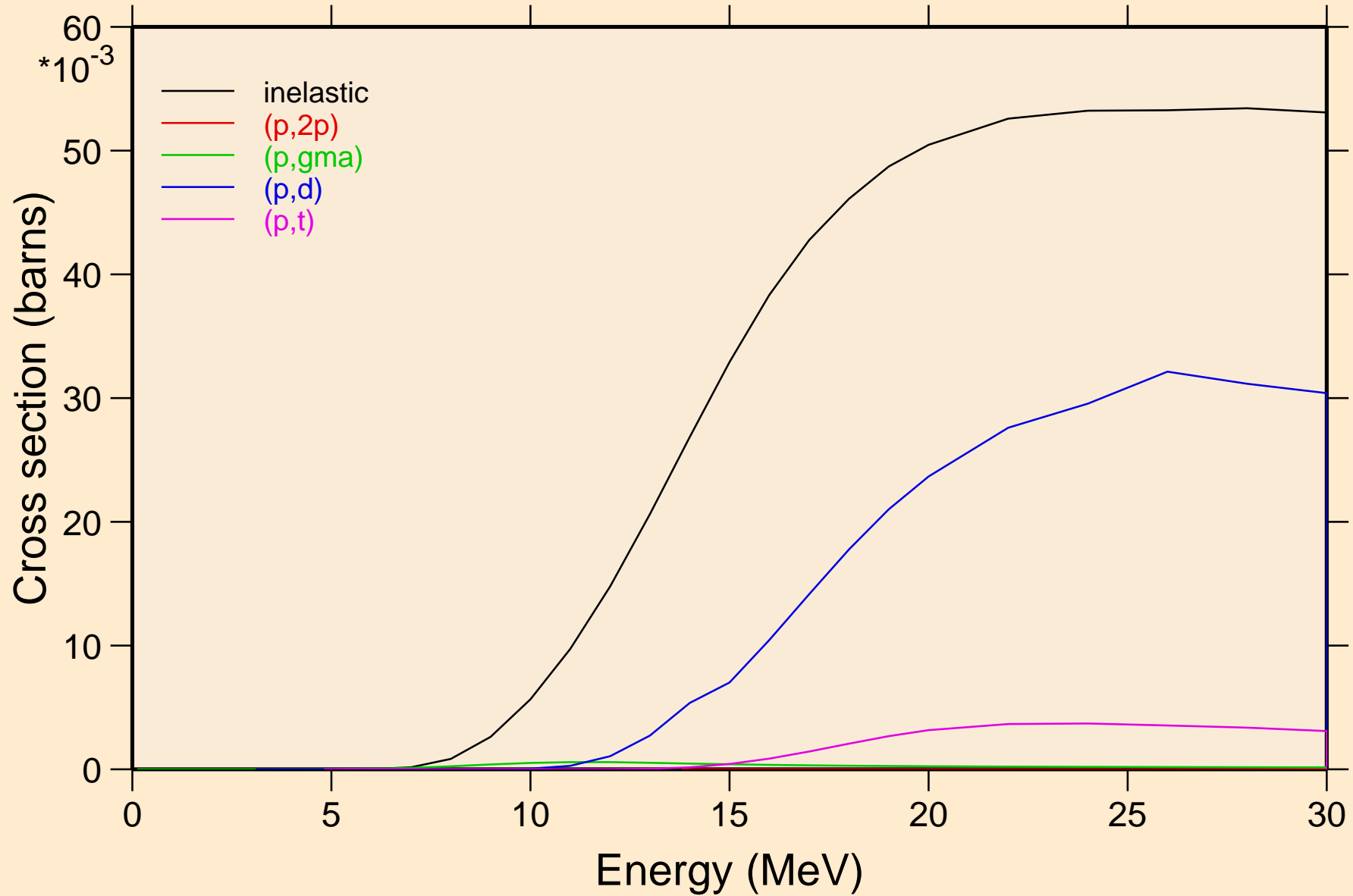
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## Threshold reactions



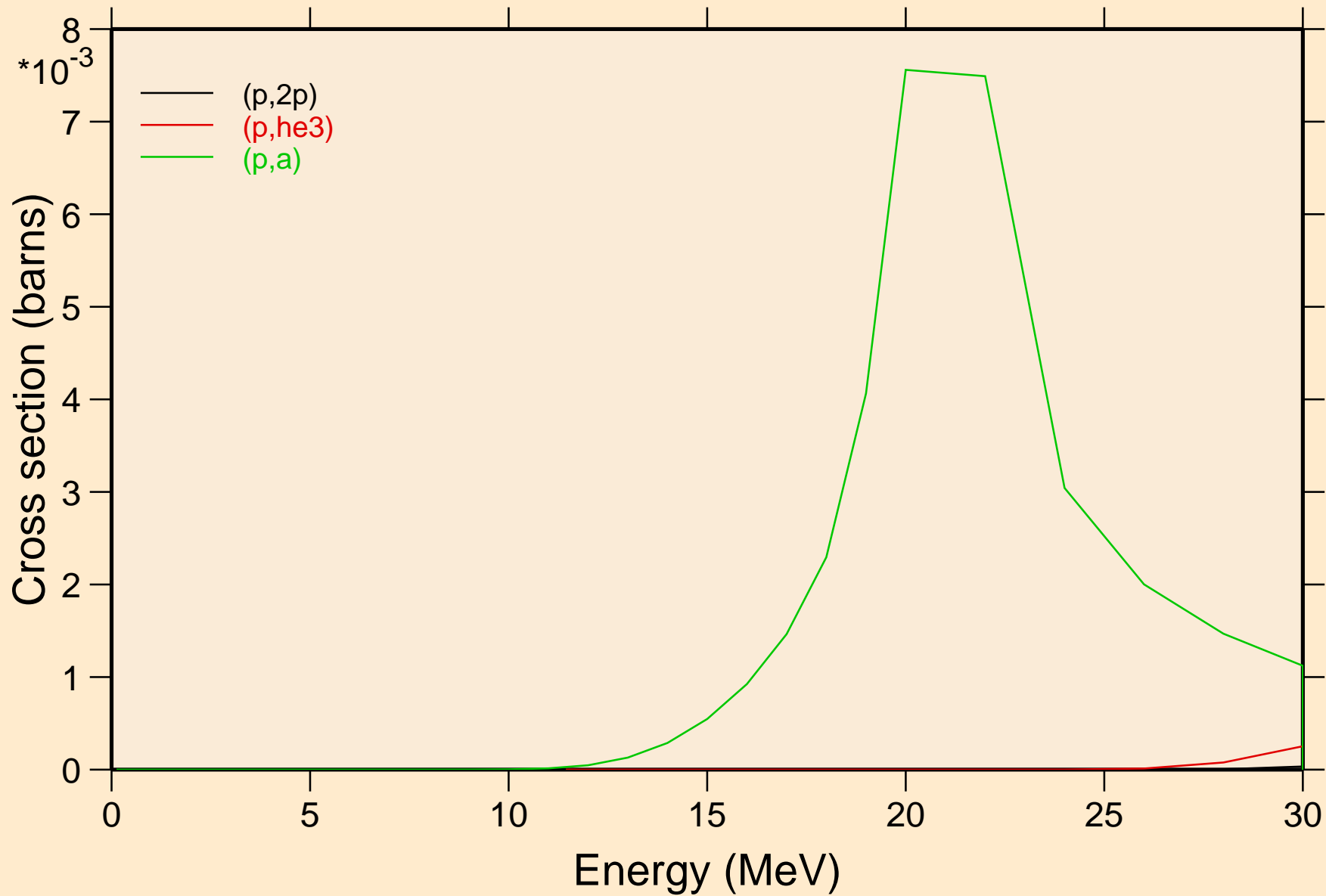
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## Threshold reactions

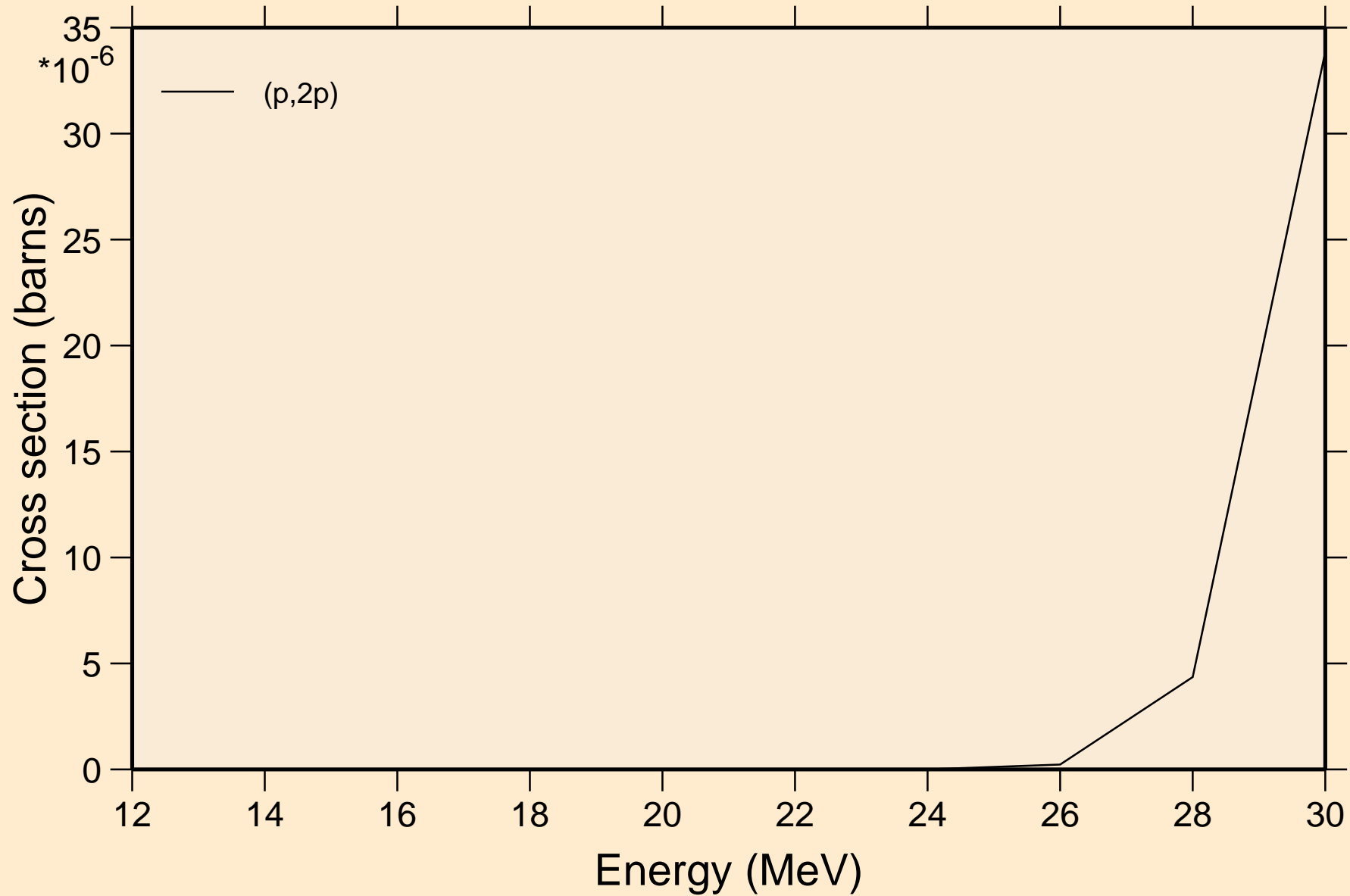


# SN129 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

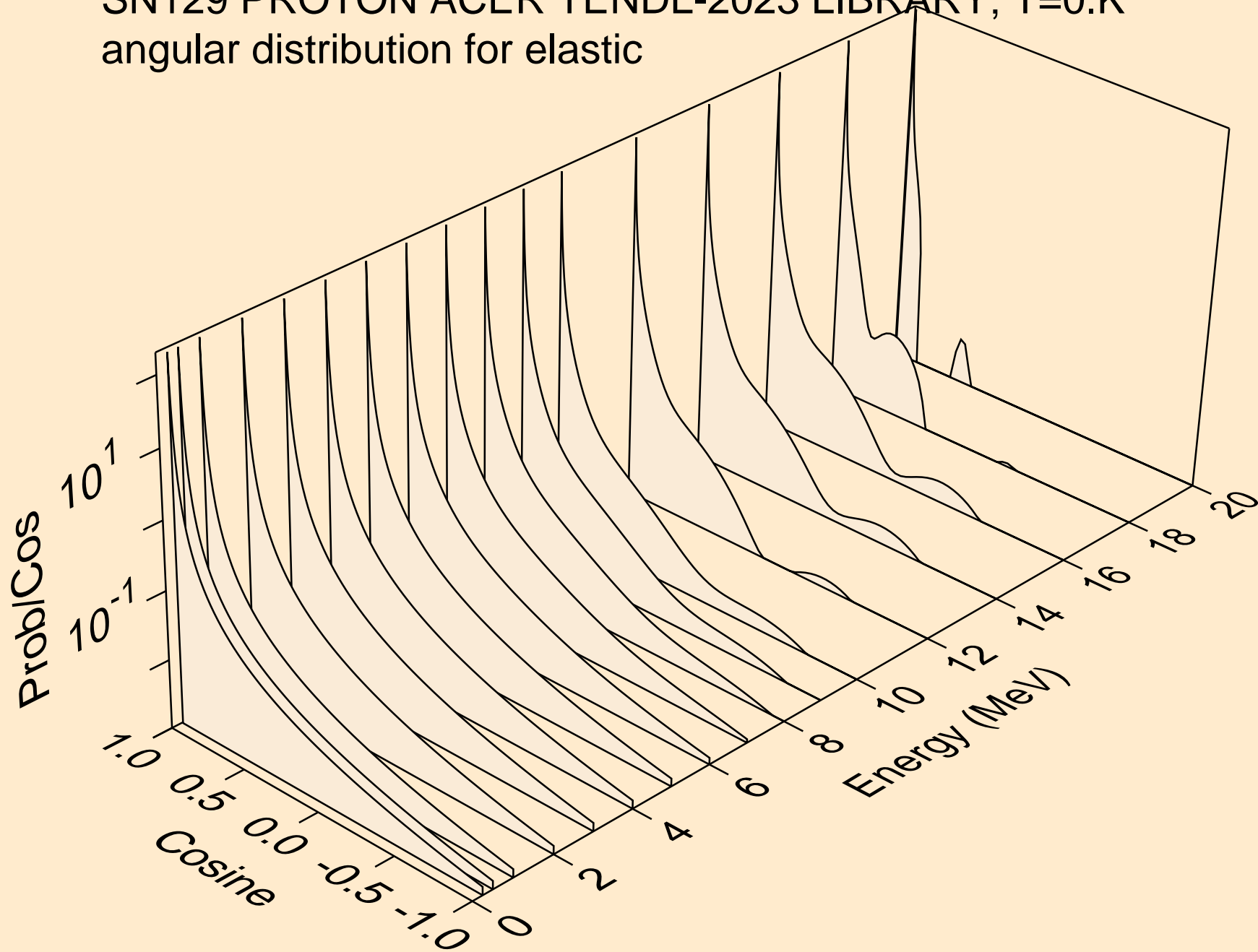


SN129 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

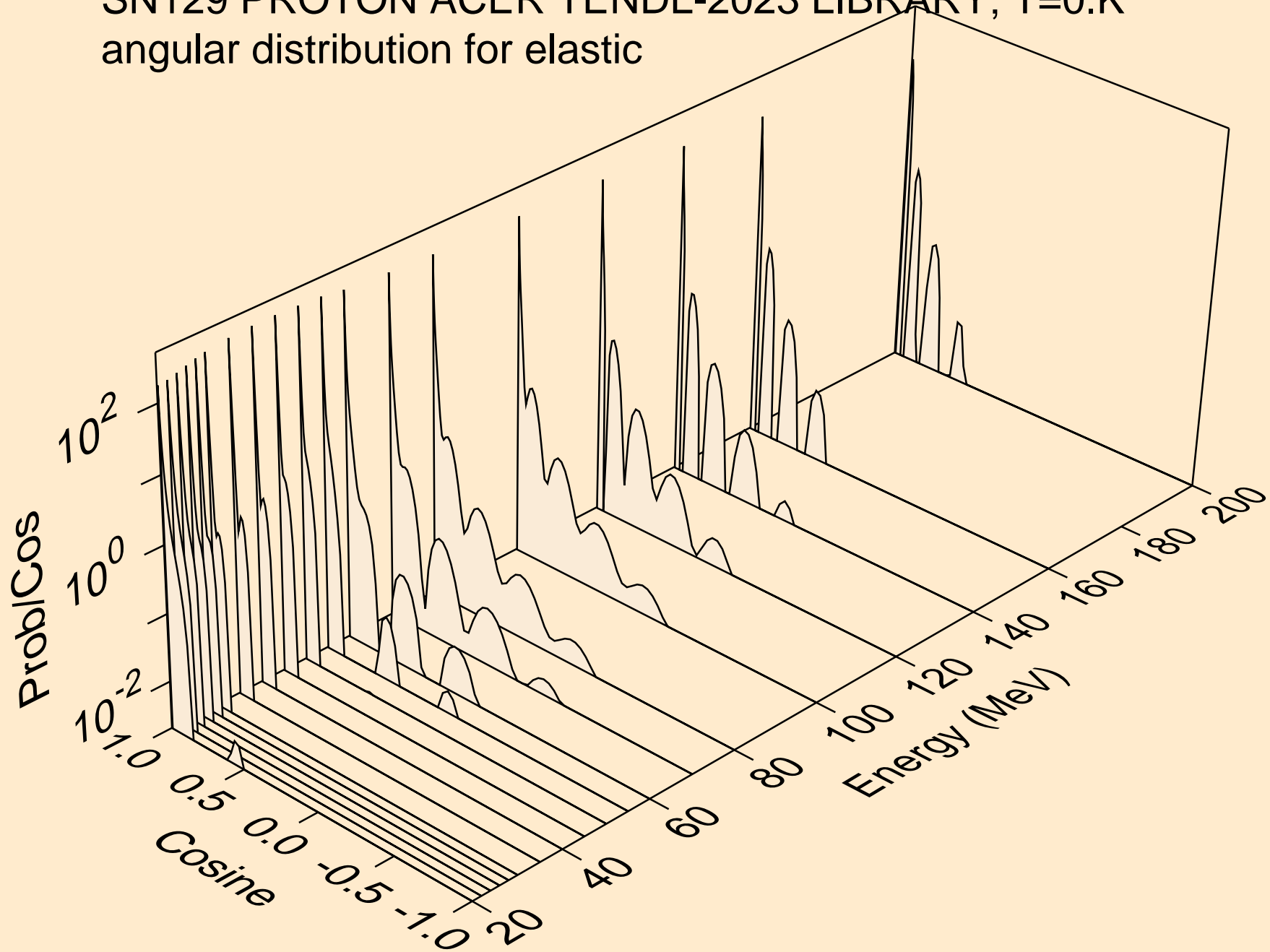




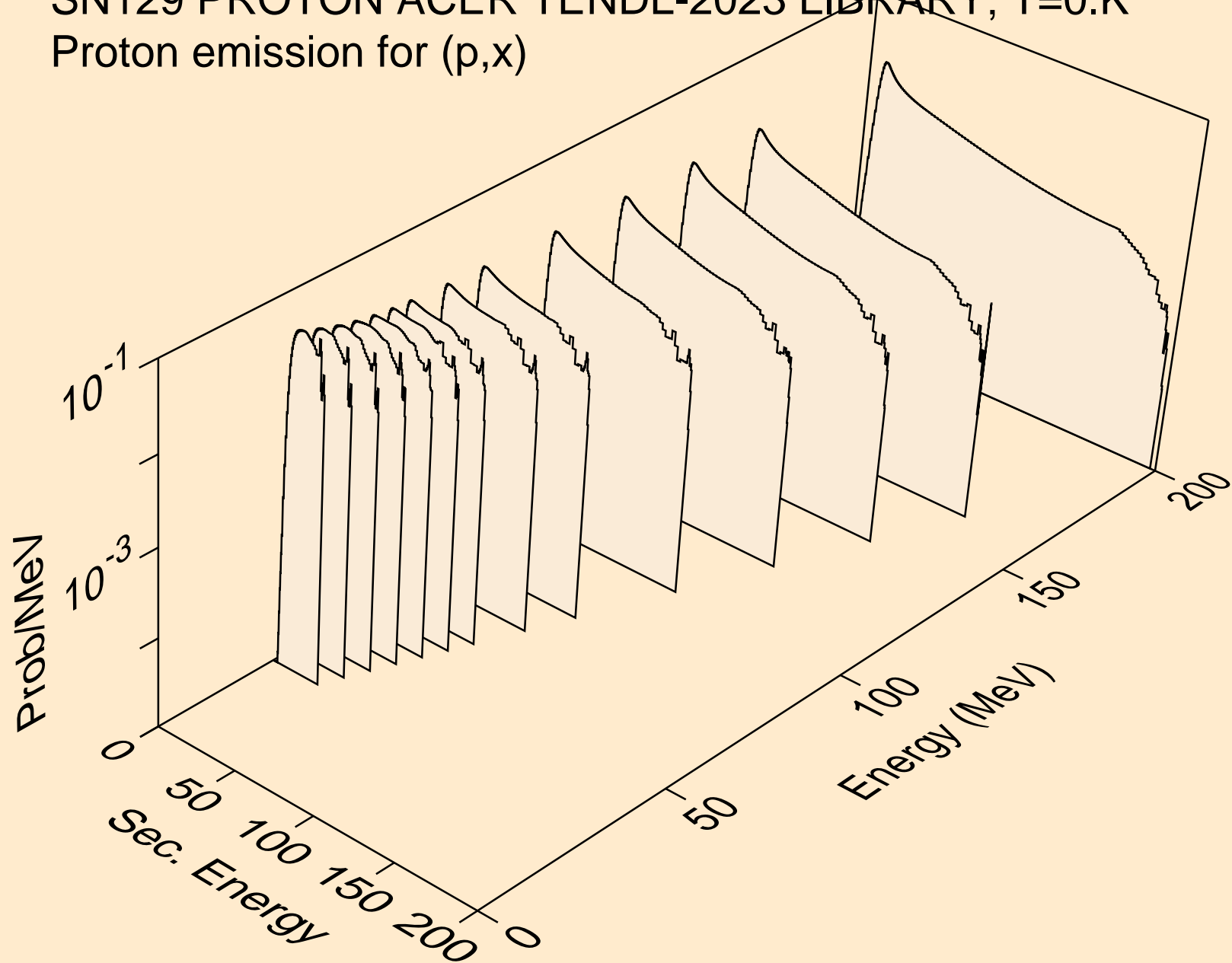
SN129 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



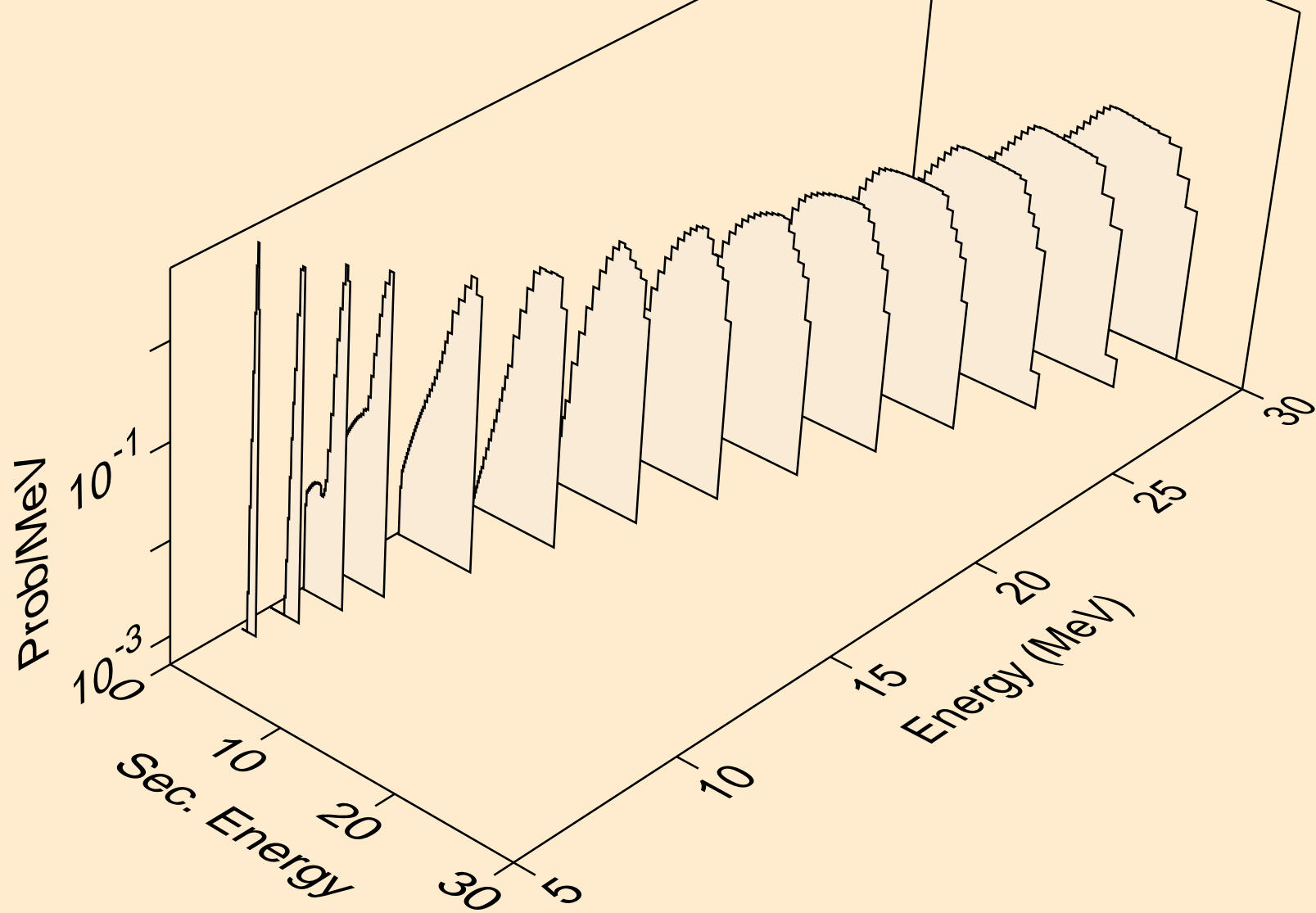
SN129 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



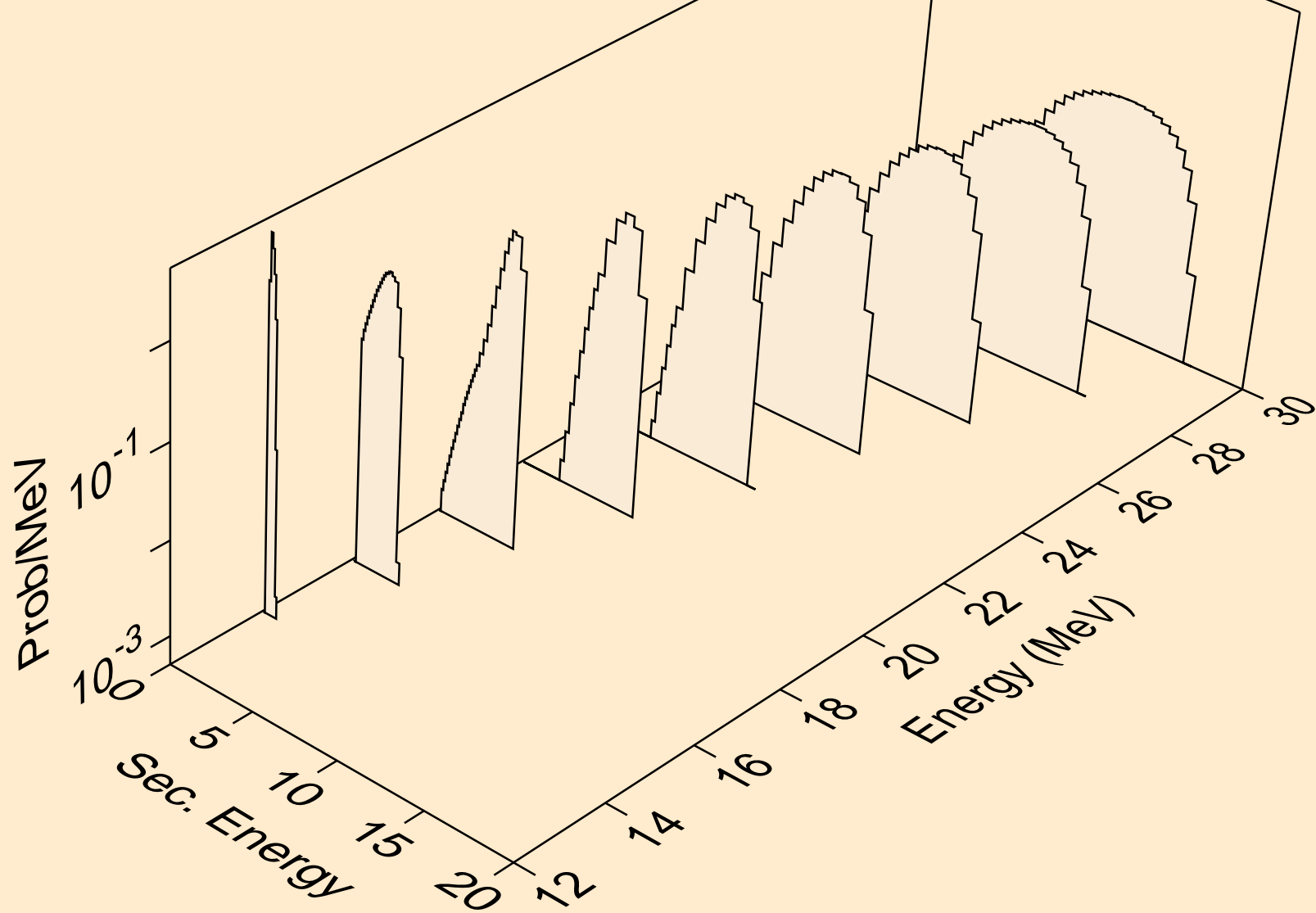
SN129 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



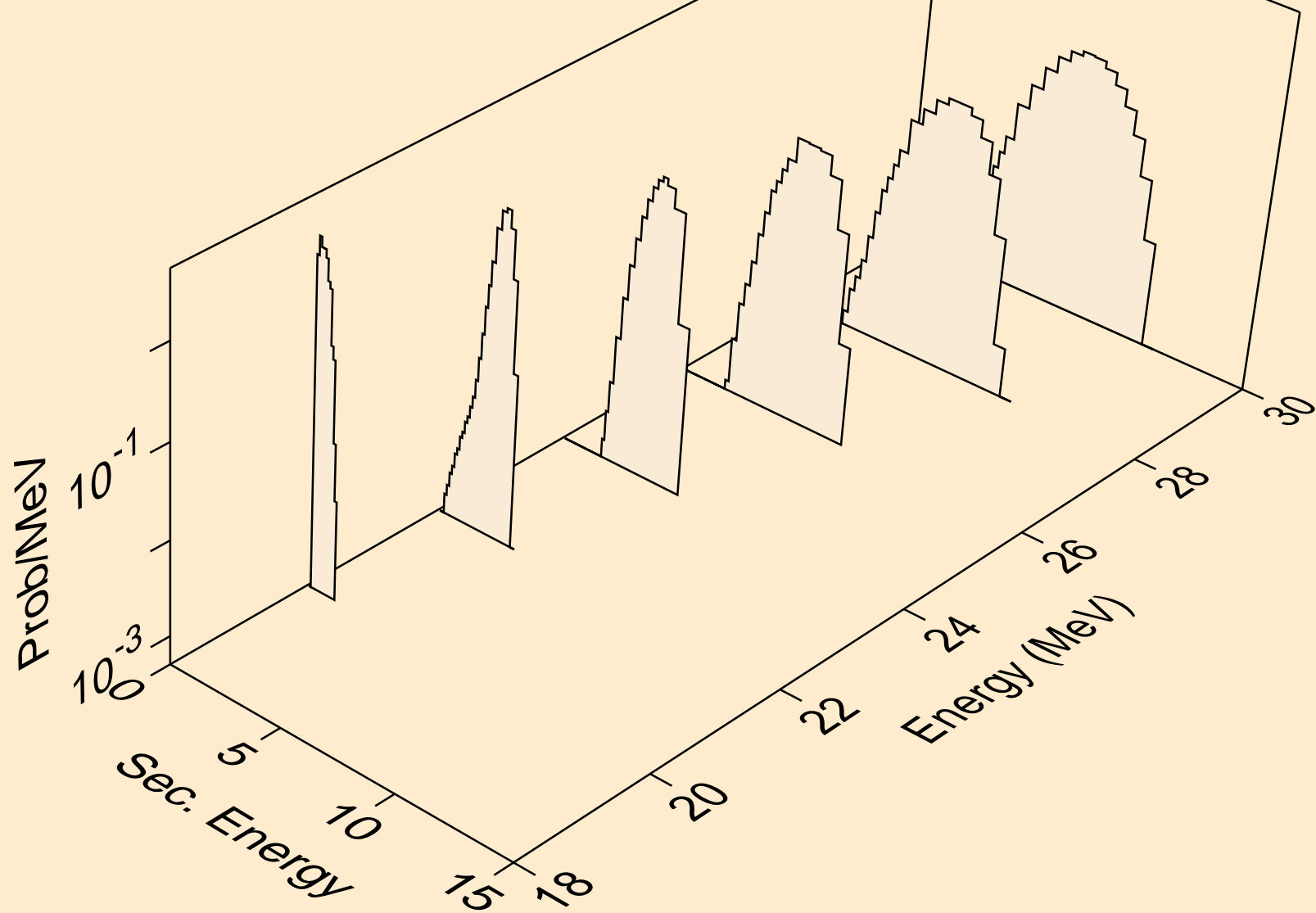
SN129 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



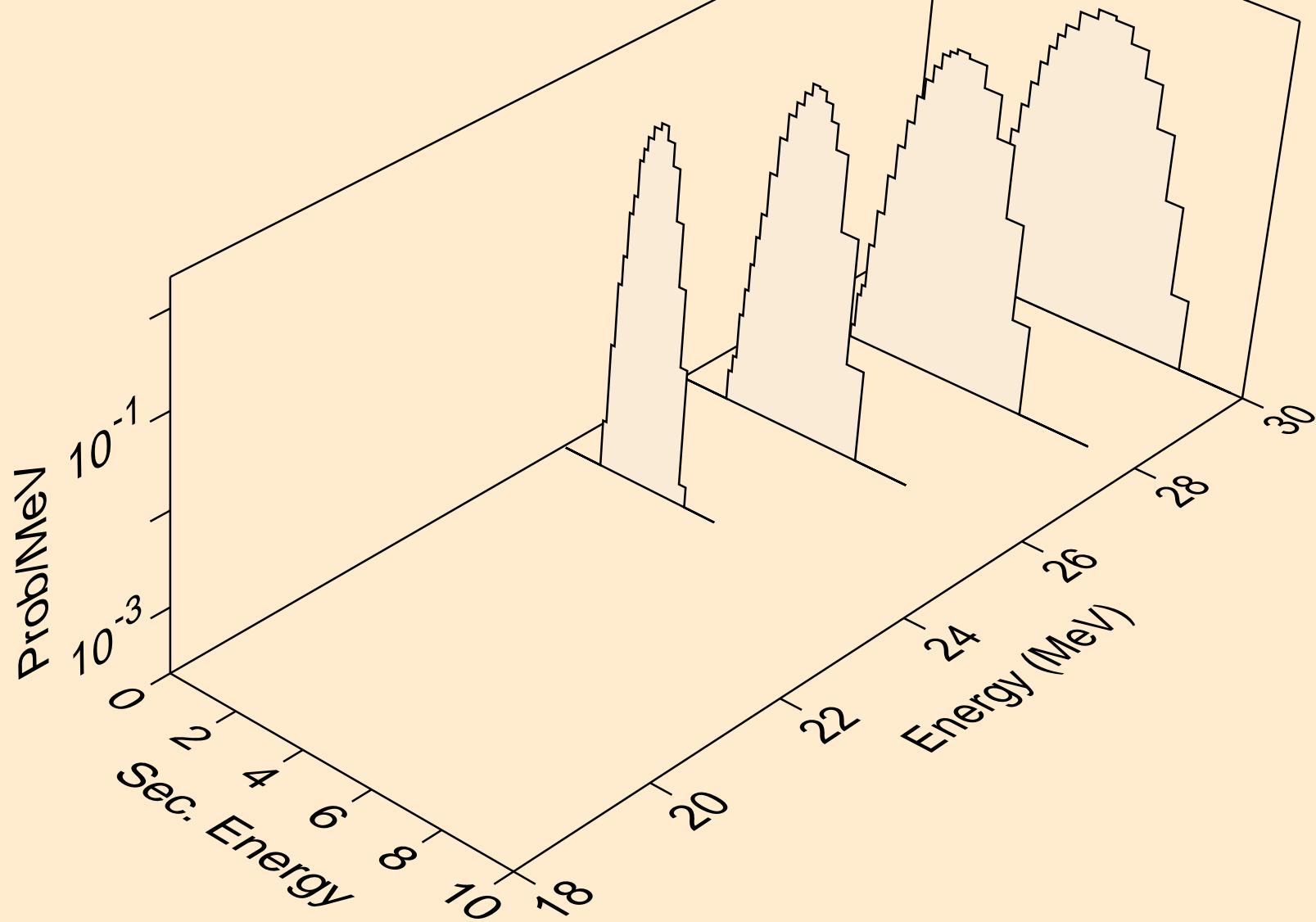
SN129 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



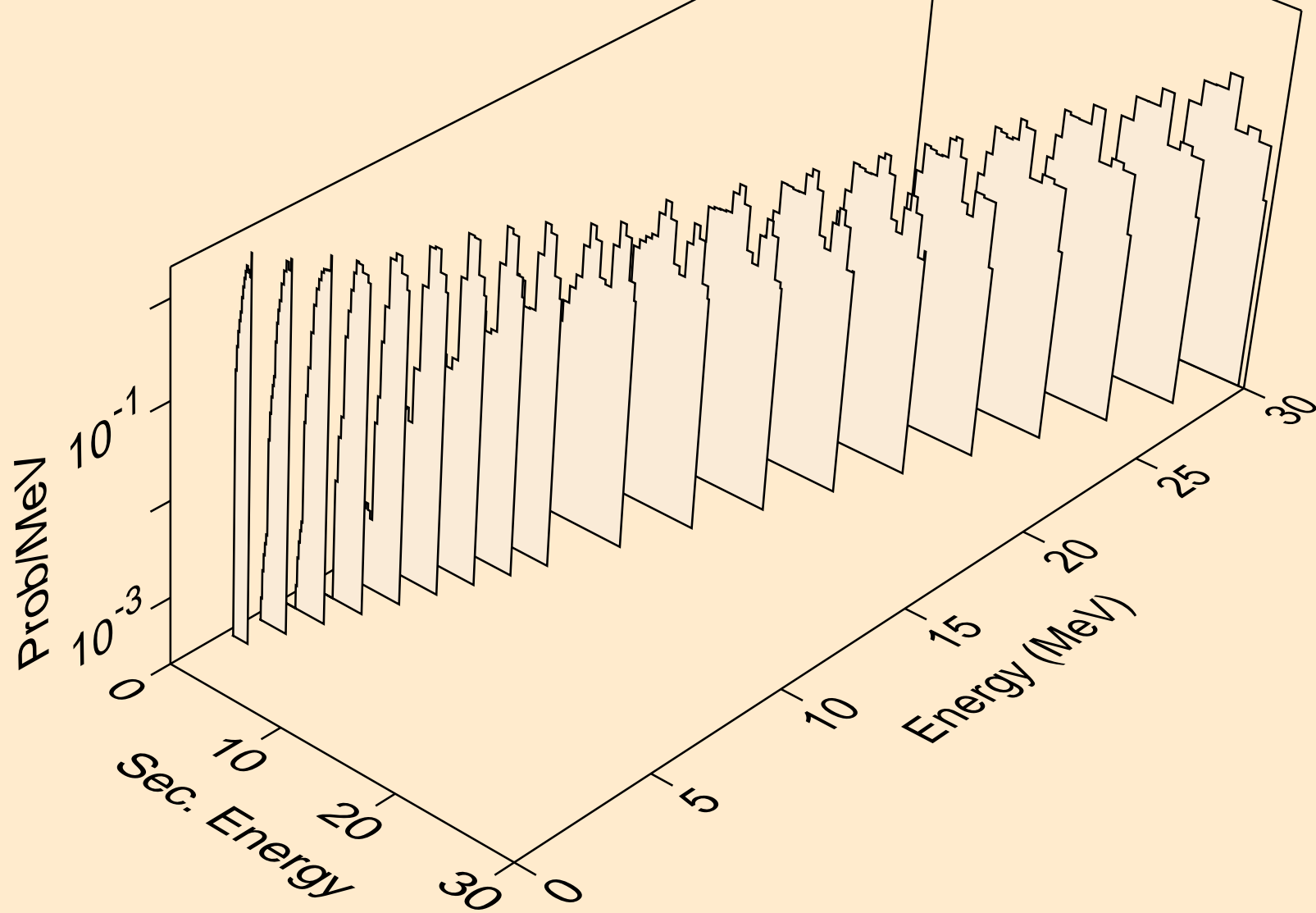
SN129 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,3np)



SN129 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)

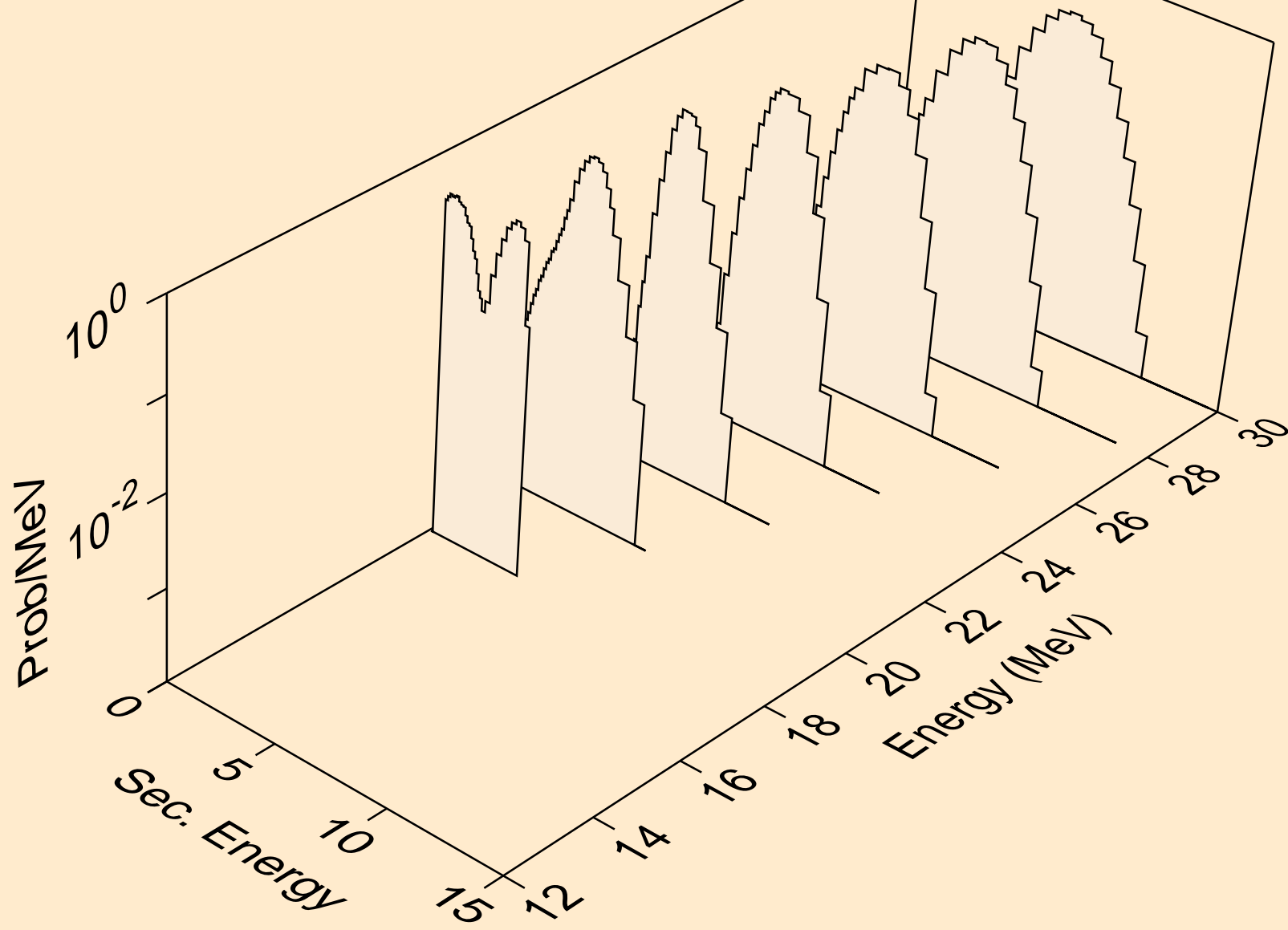


SN129 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

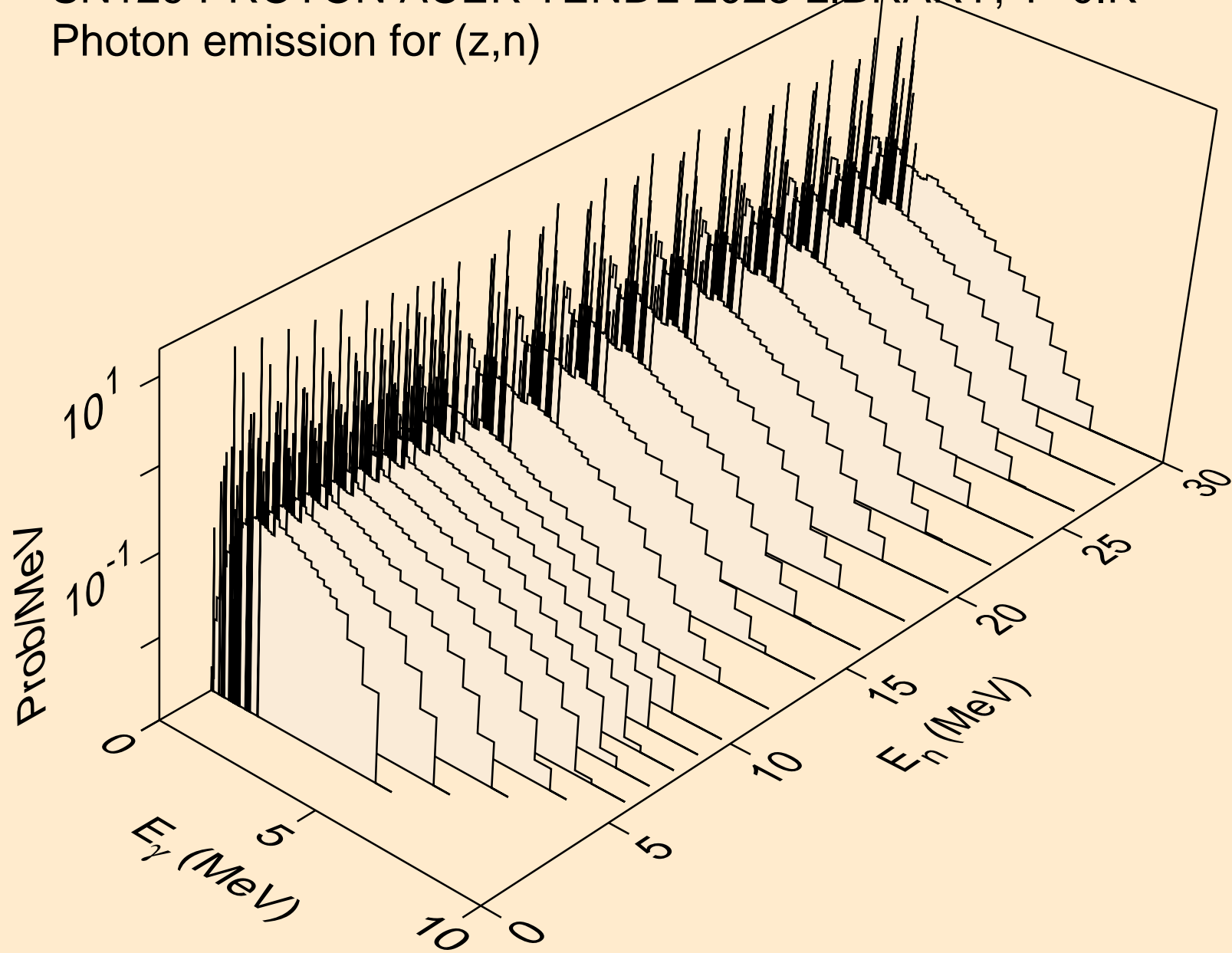




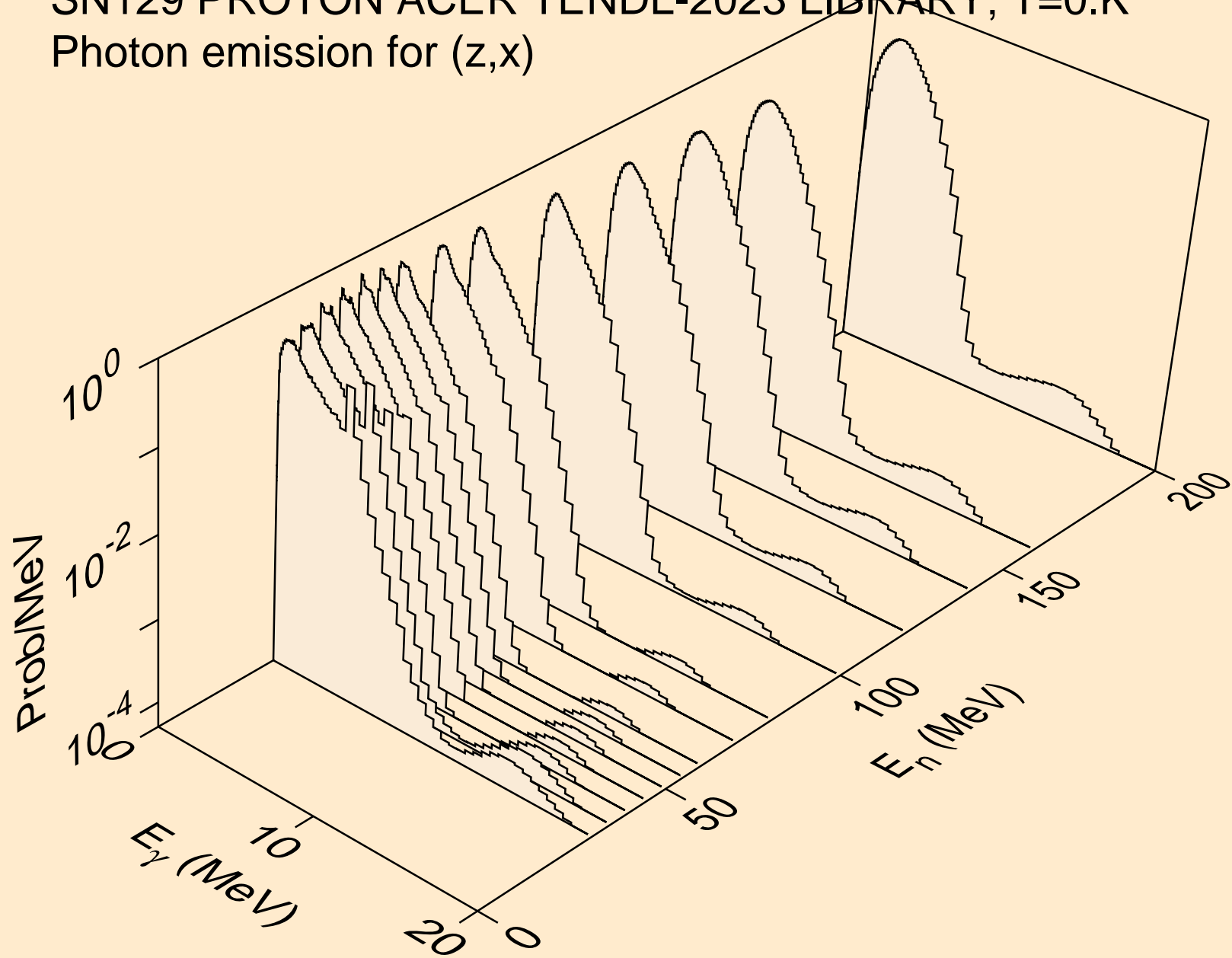
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Proton emission for (p,2p)



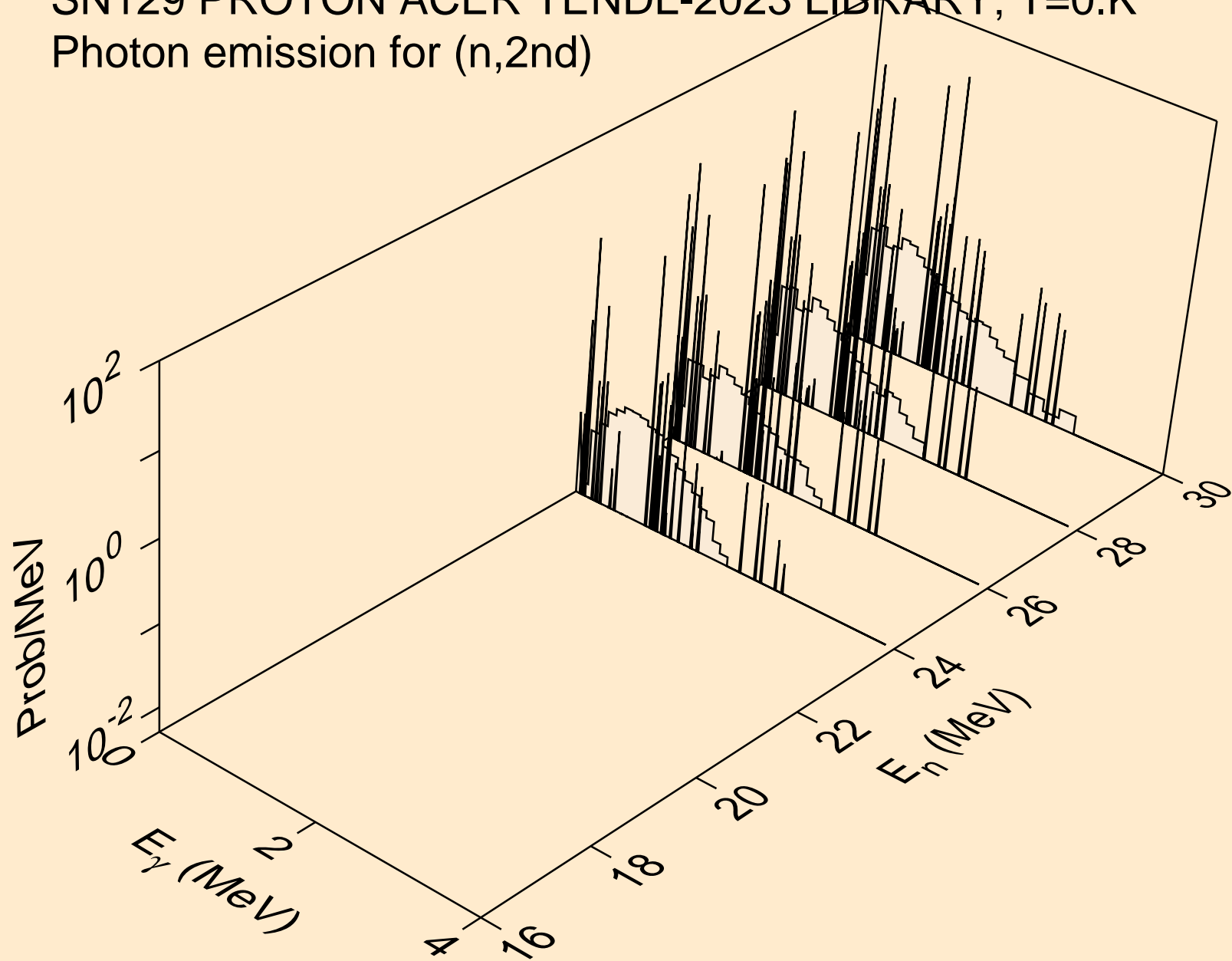
SN129 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



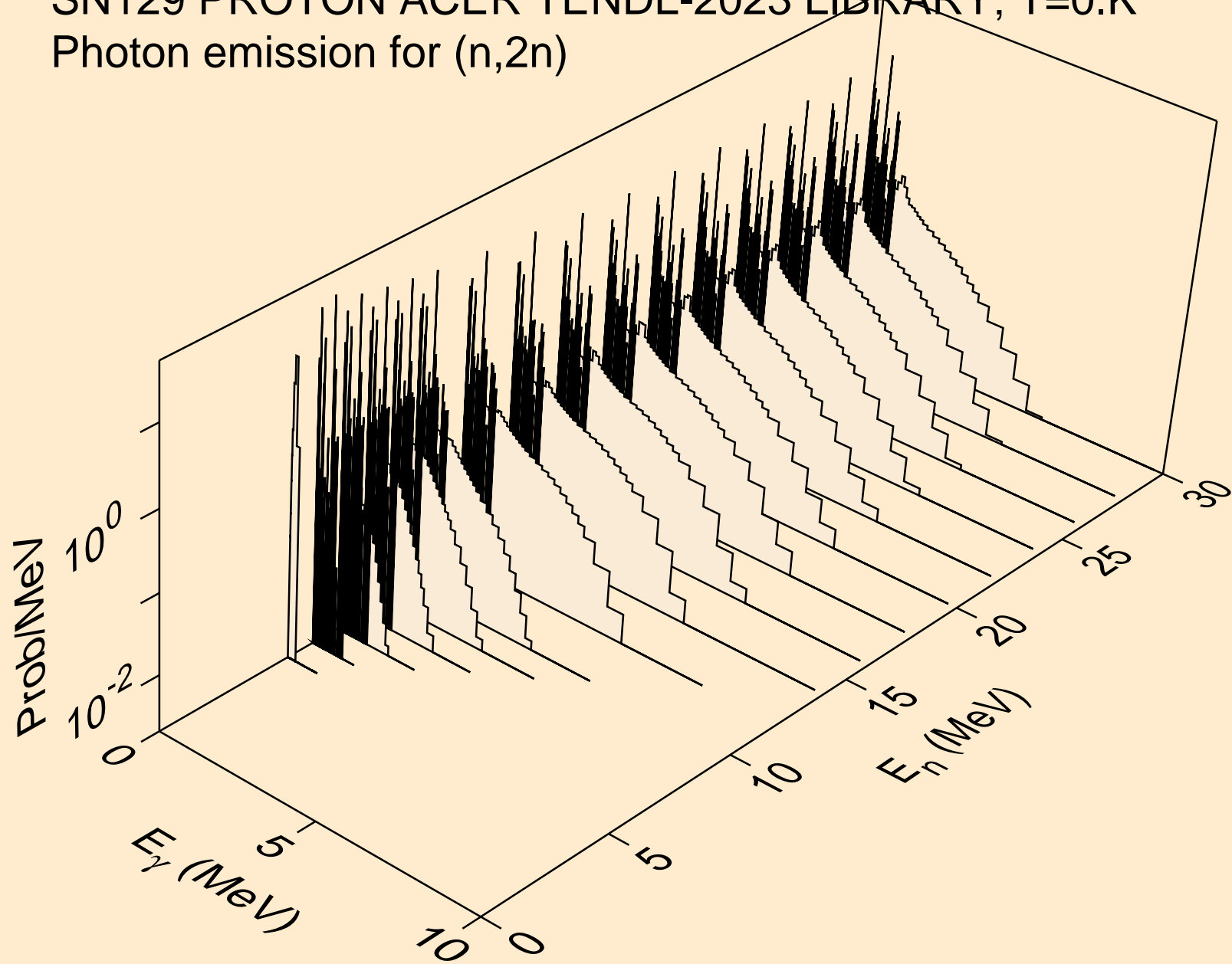
SN129 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



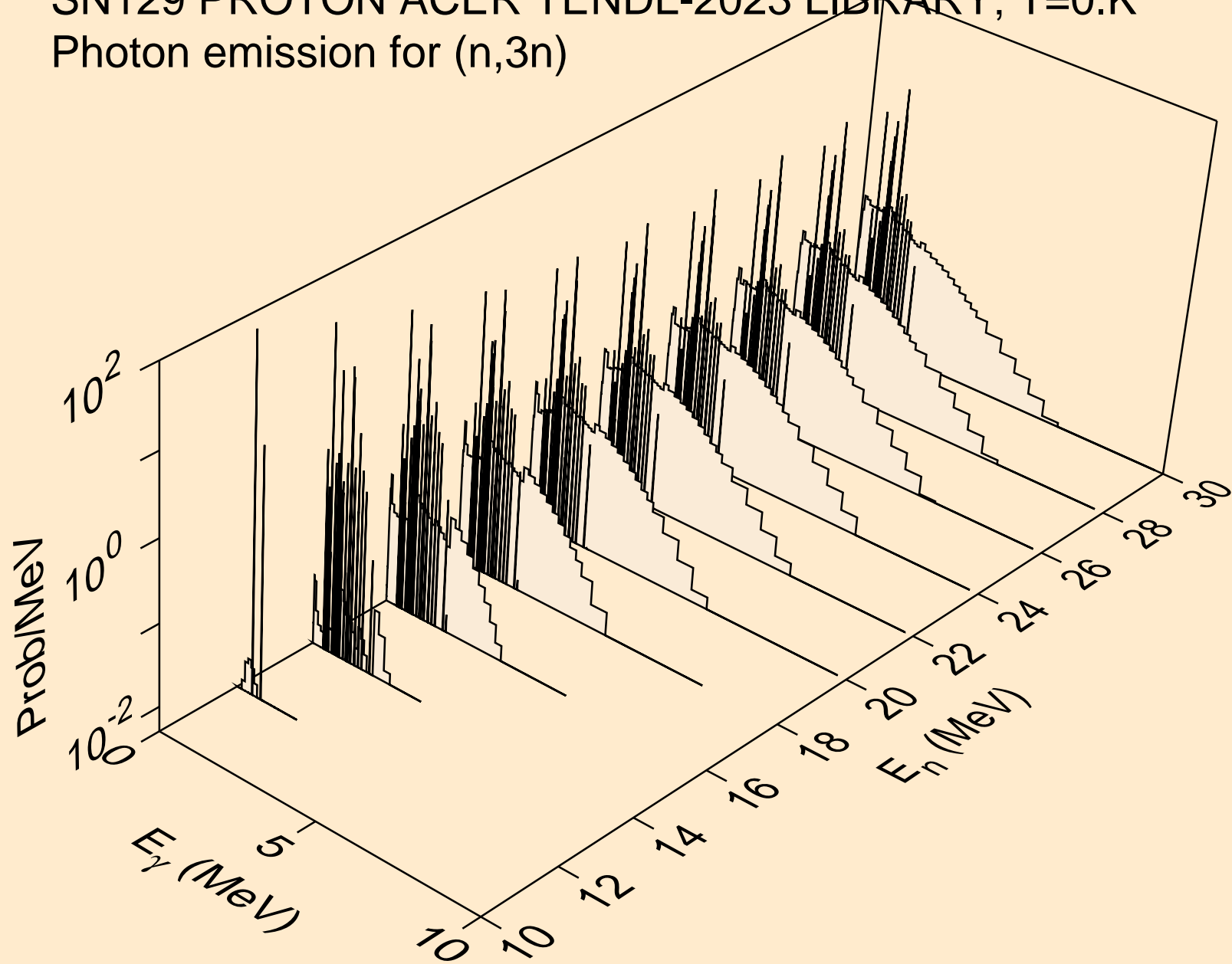
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Photon emission for (n,2nd)



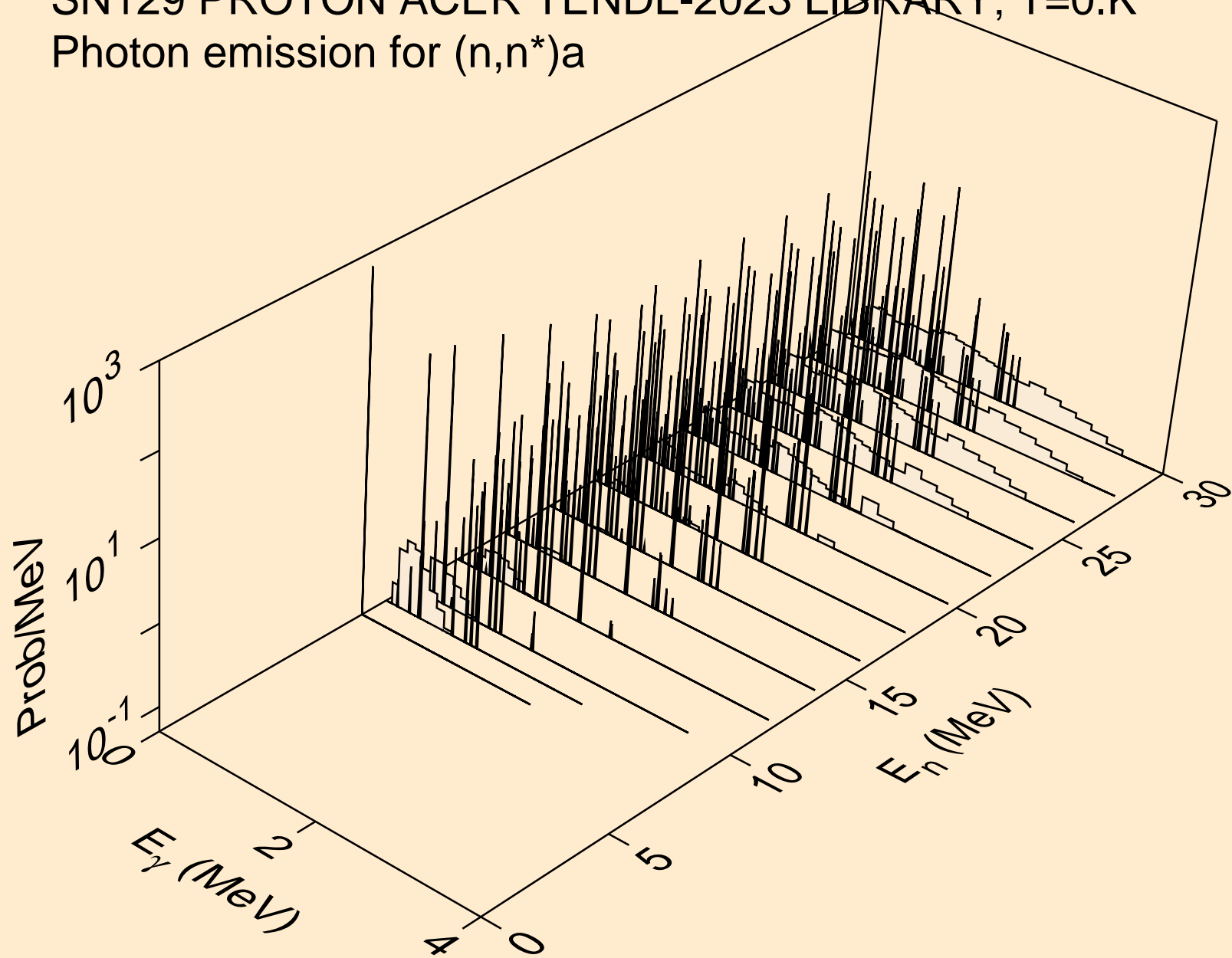
SN129 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



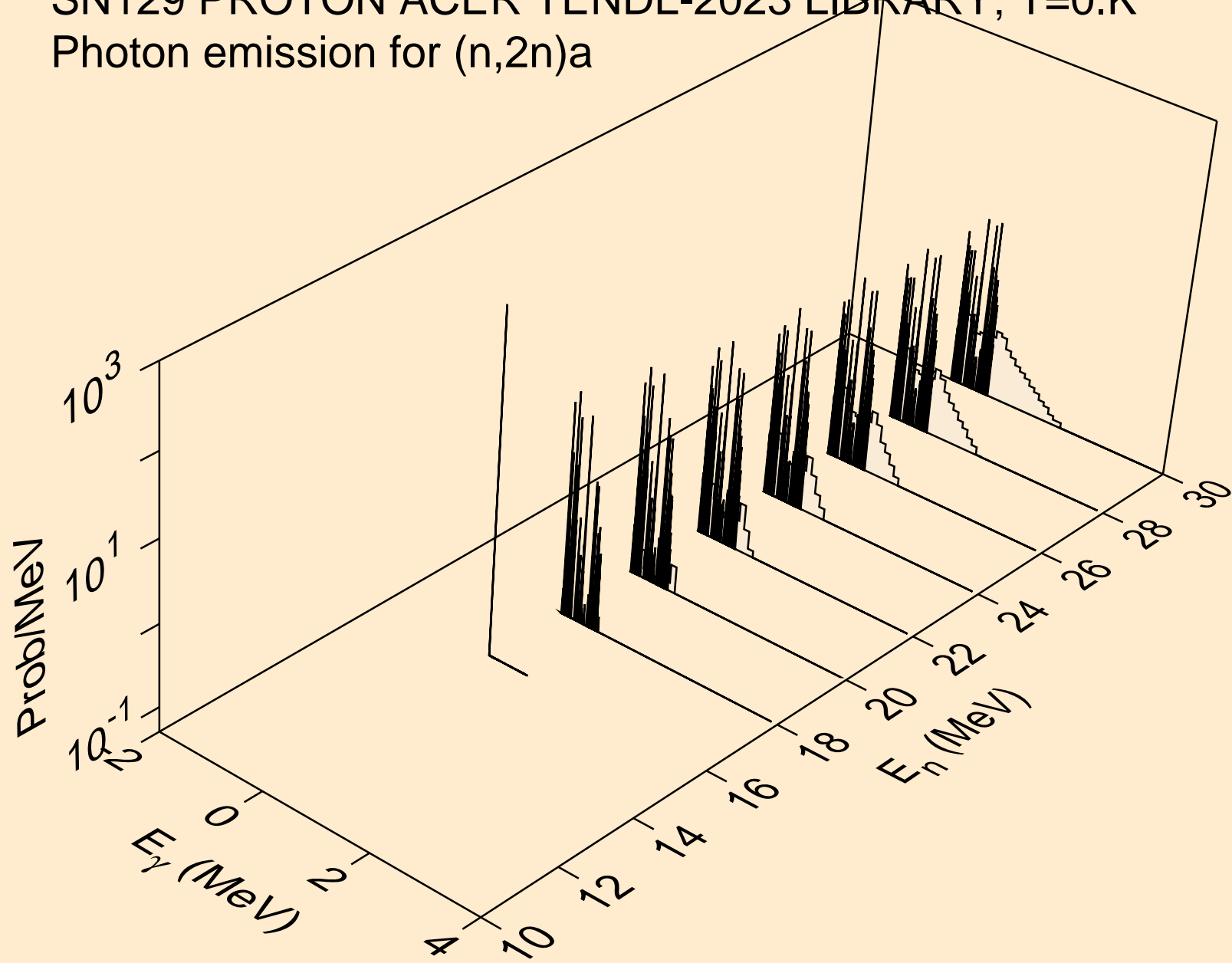
SN129 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



SN129 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

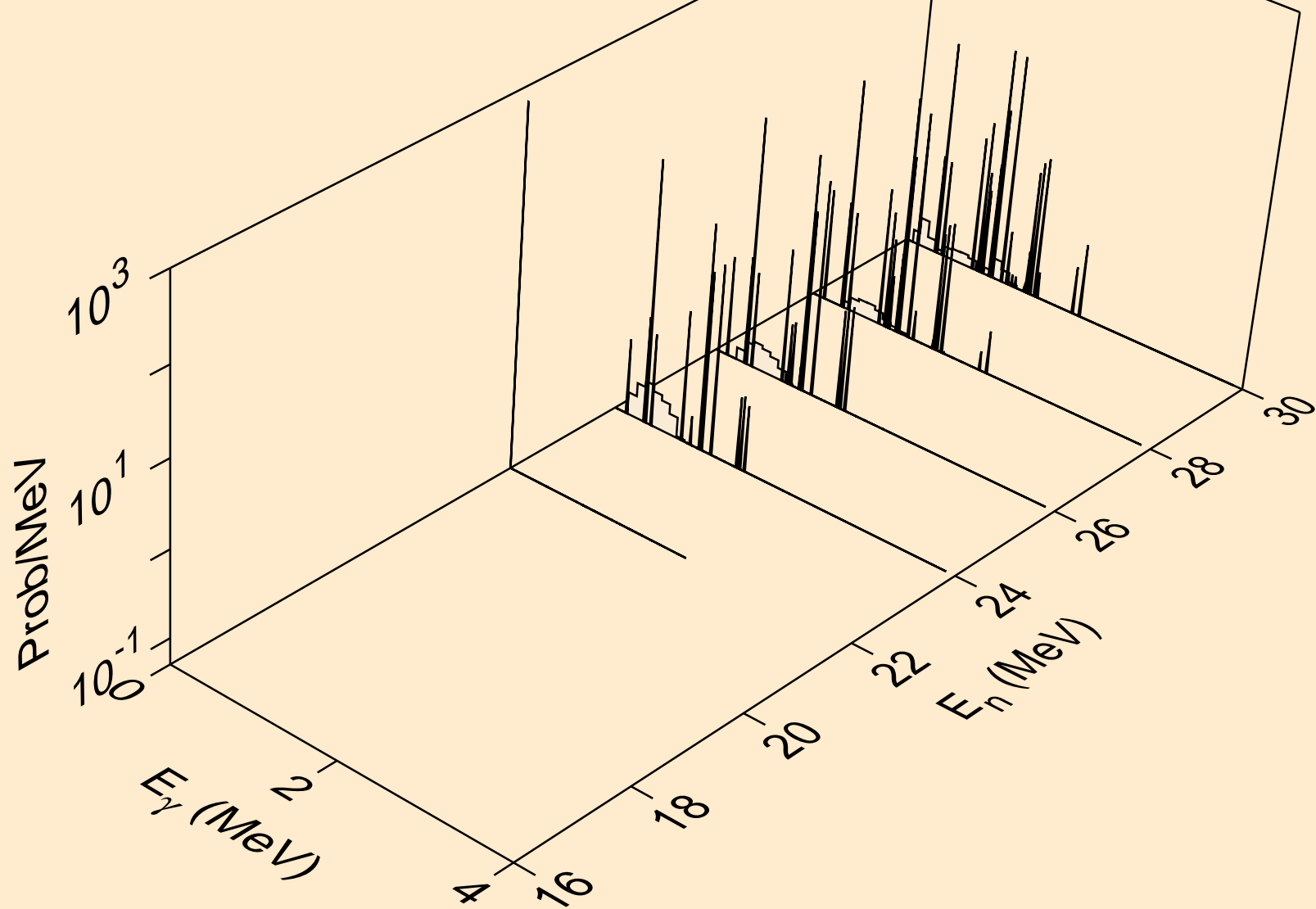


SN129 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

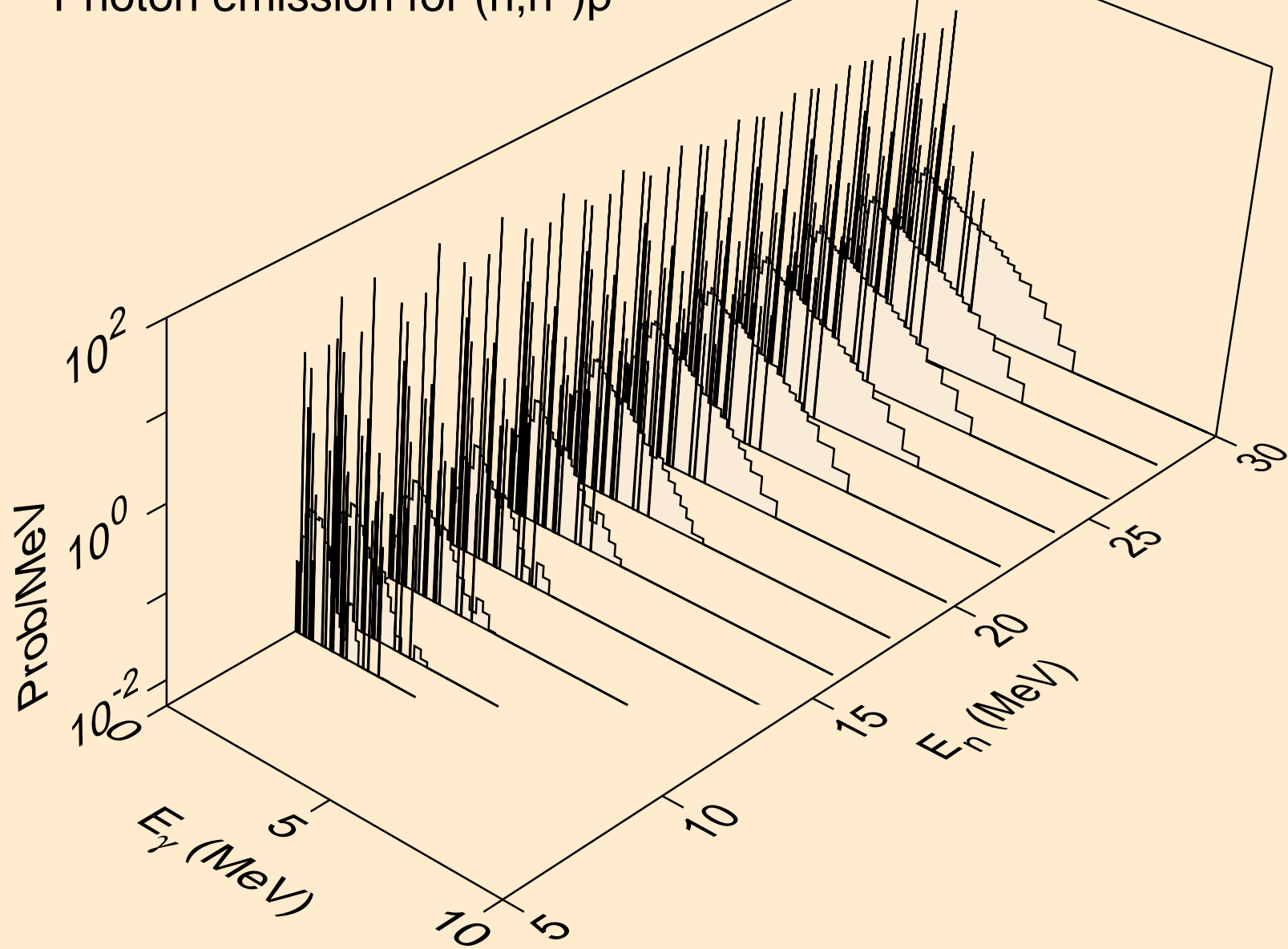




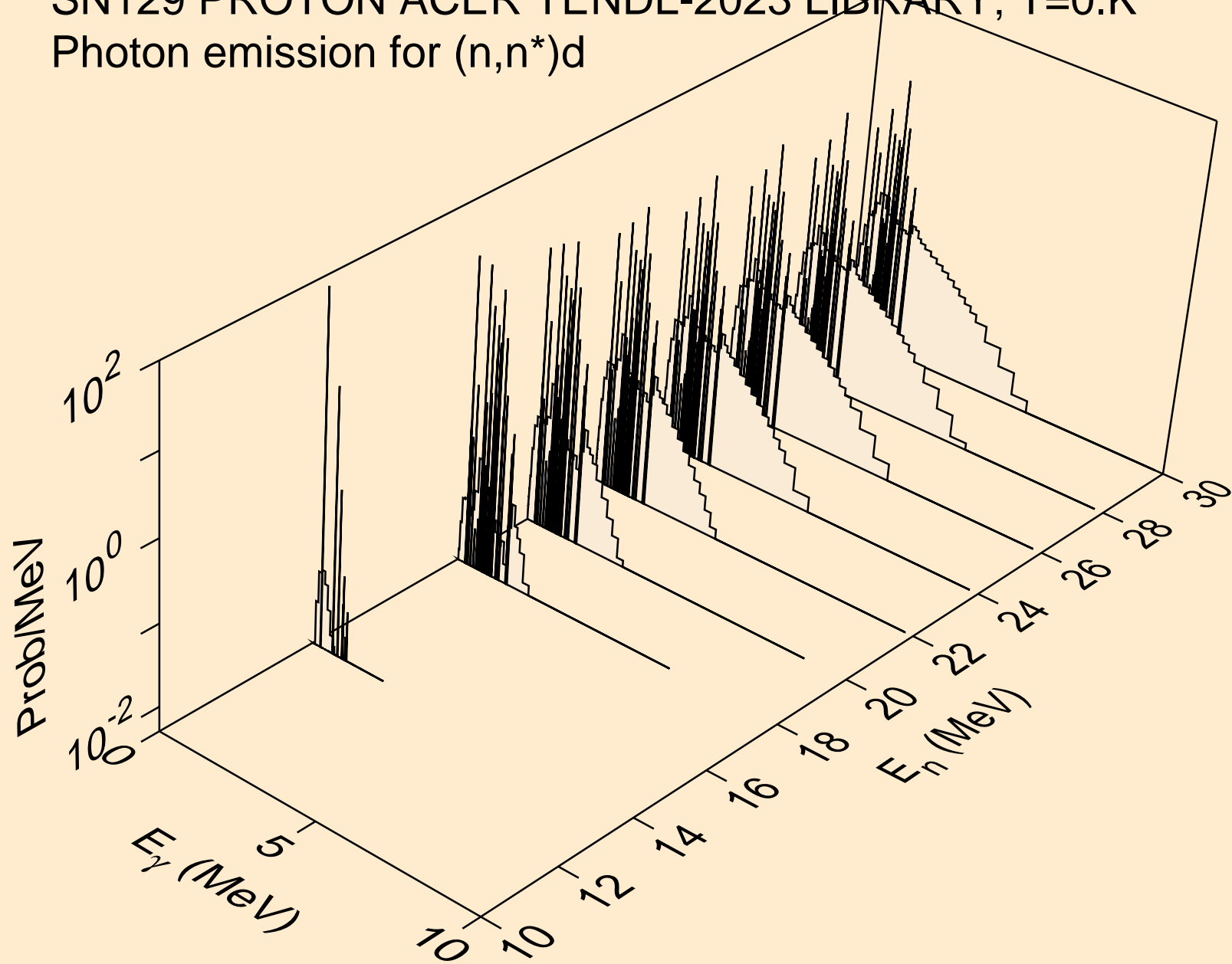
SN129 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



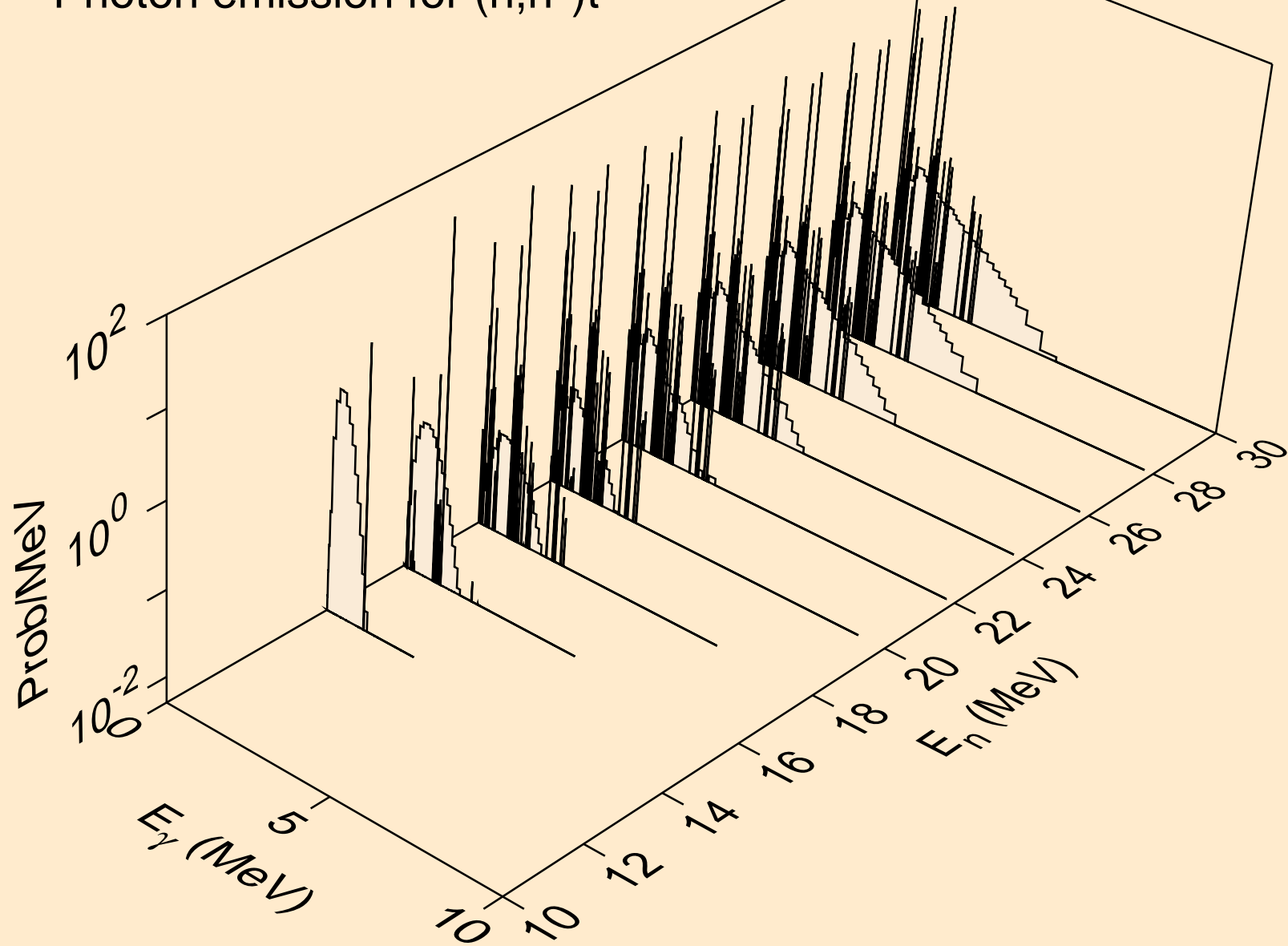
SN129 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



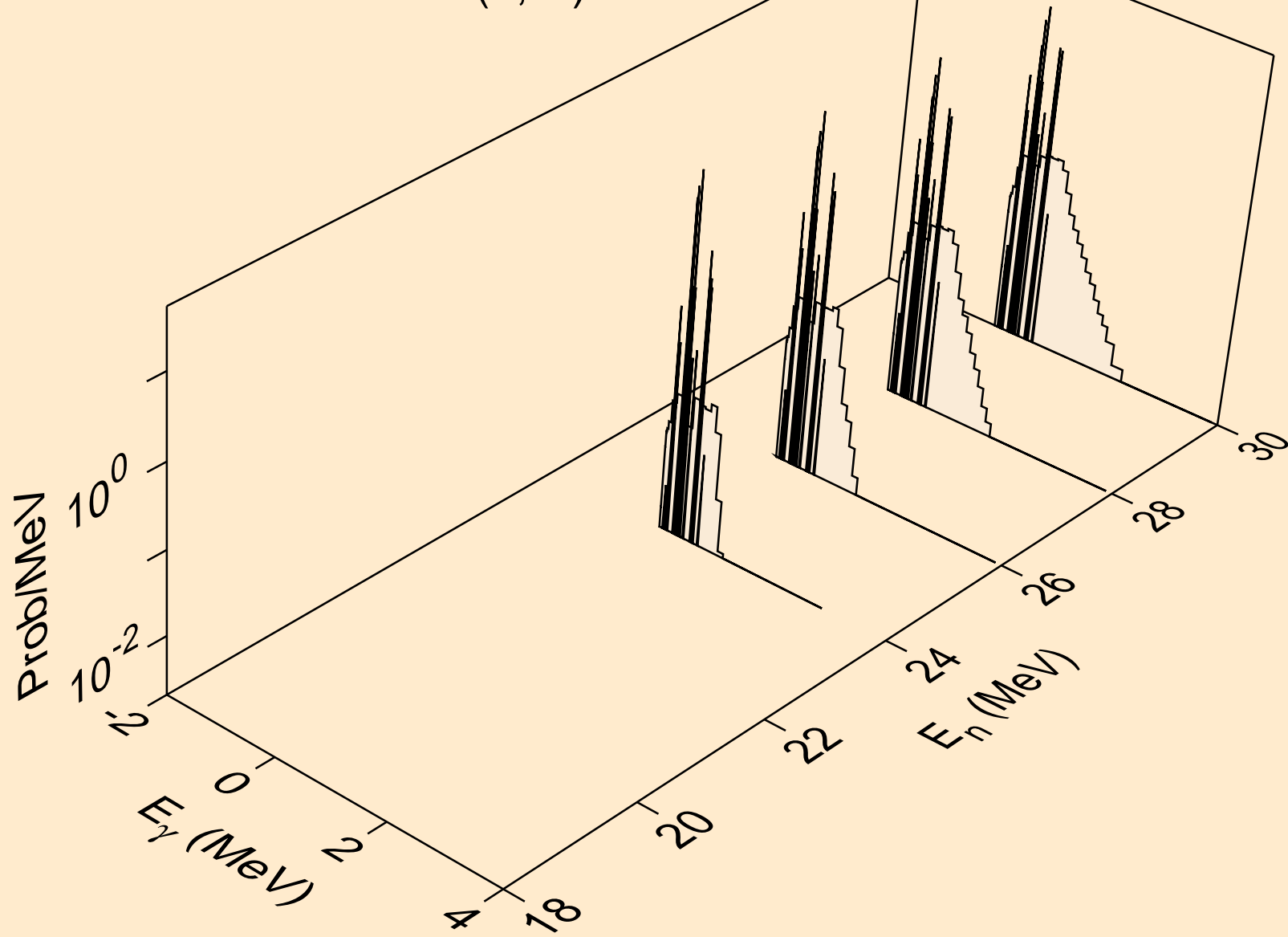
SN129 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



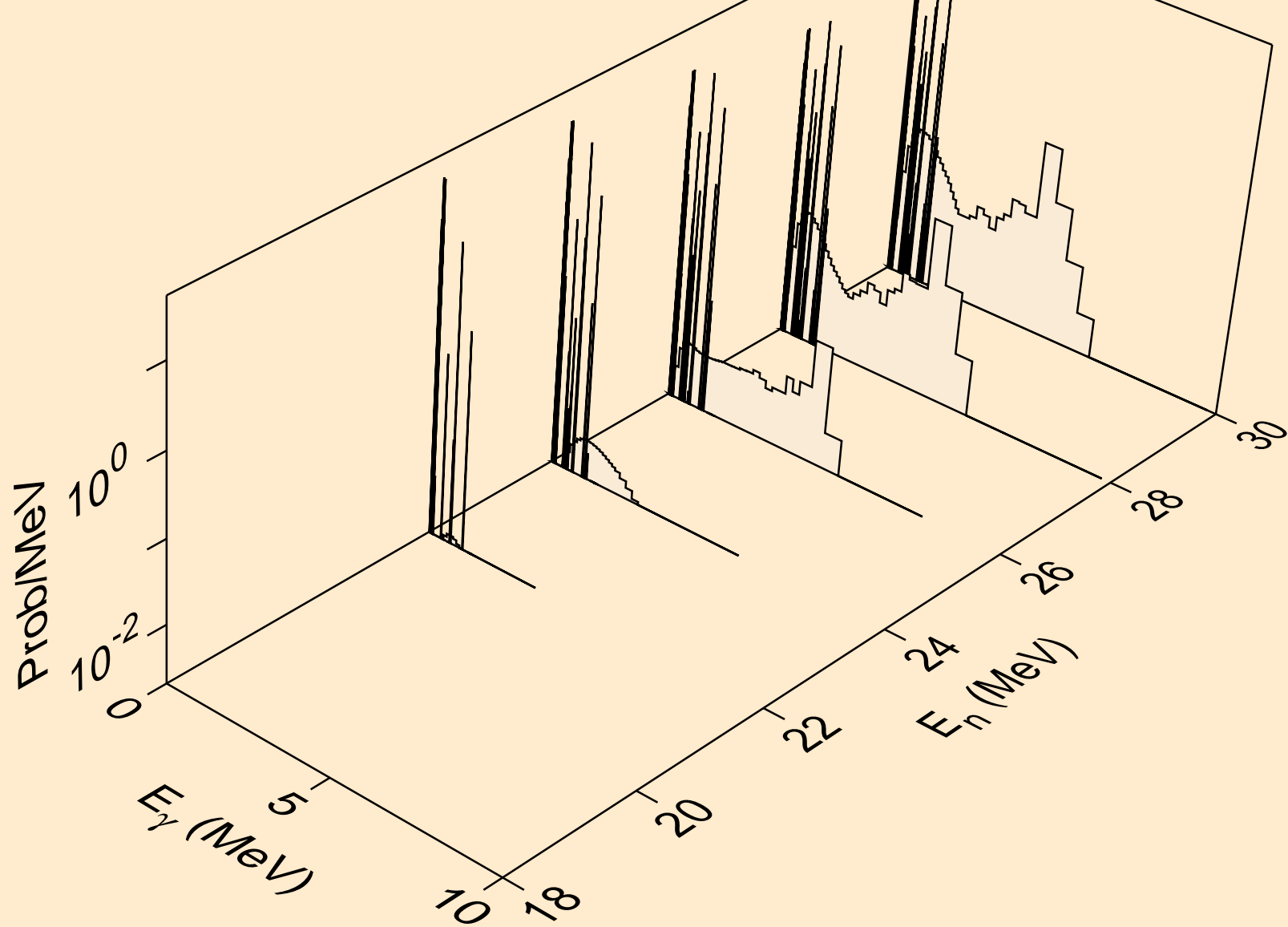
SN129 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



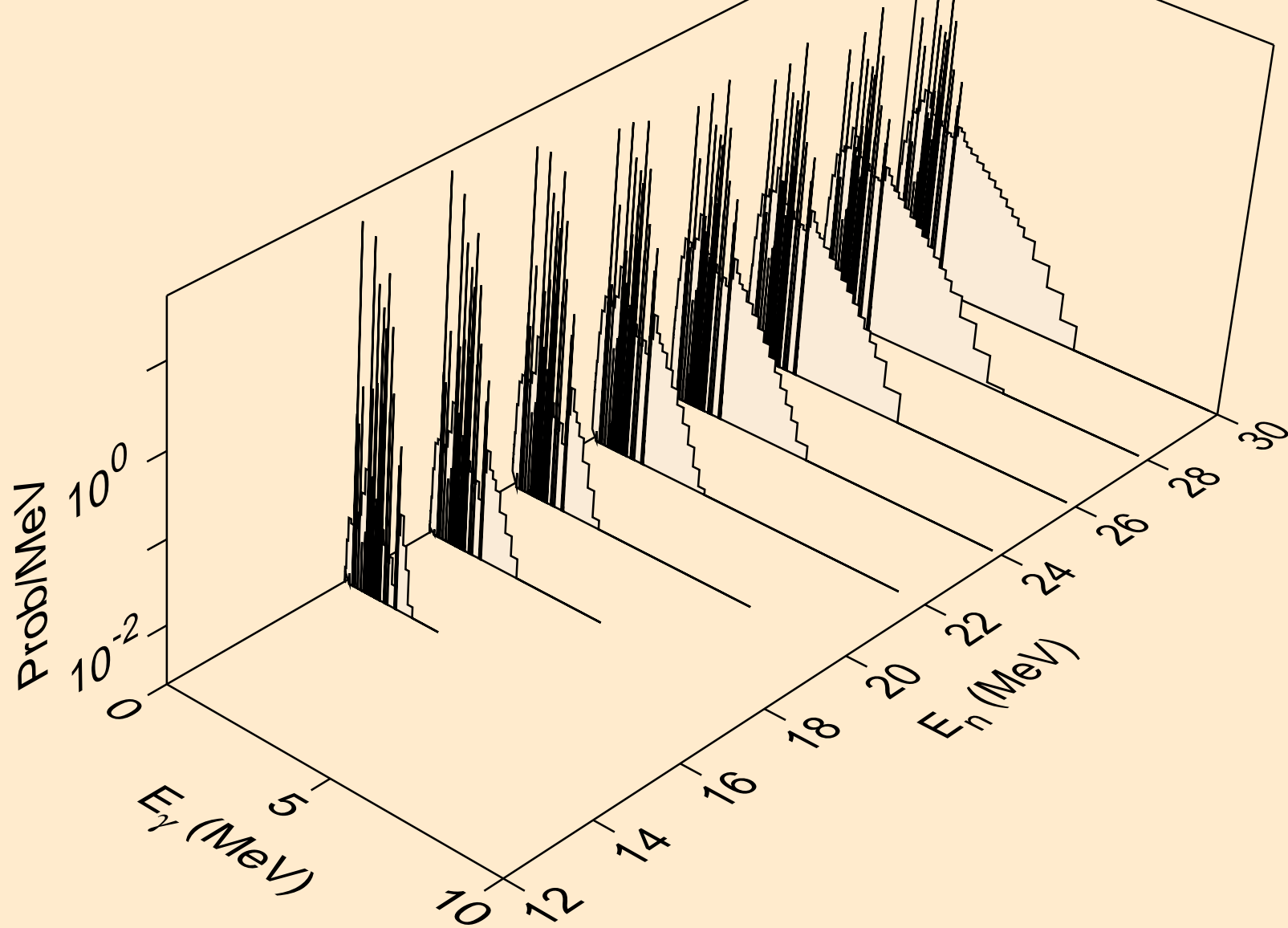
SN129 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



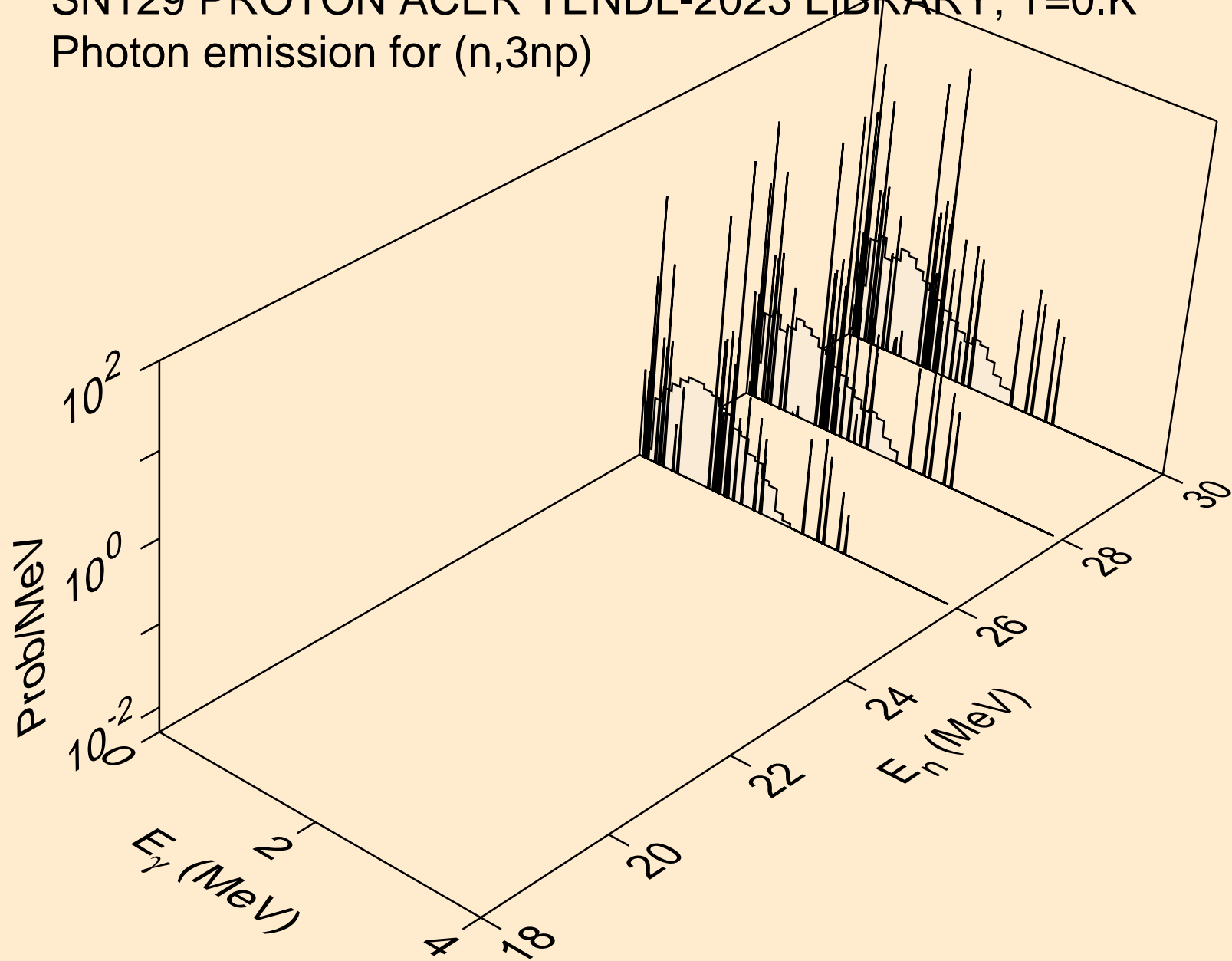
SN129 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



SN129 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

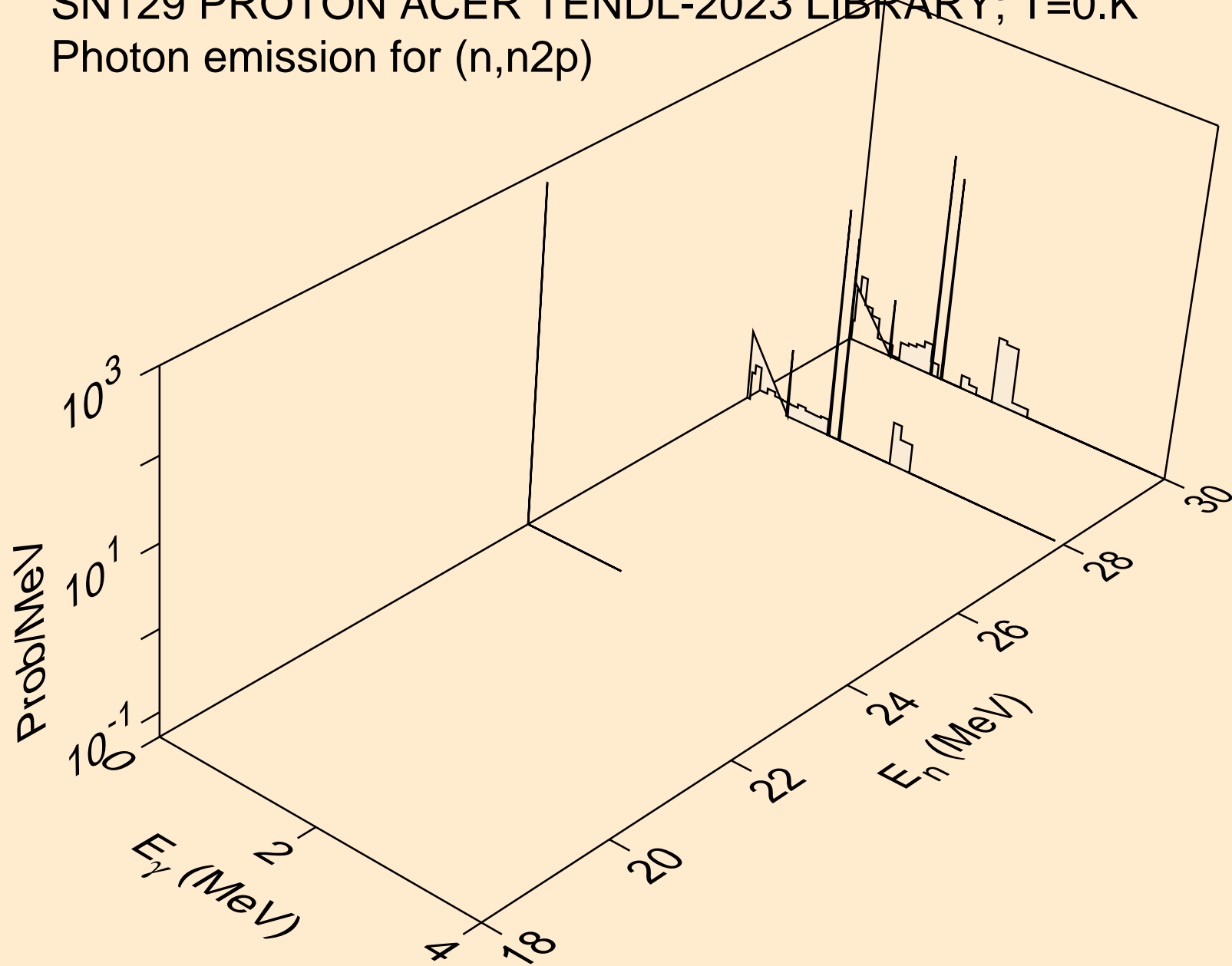


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Photon emission for (n,3np)

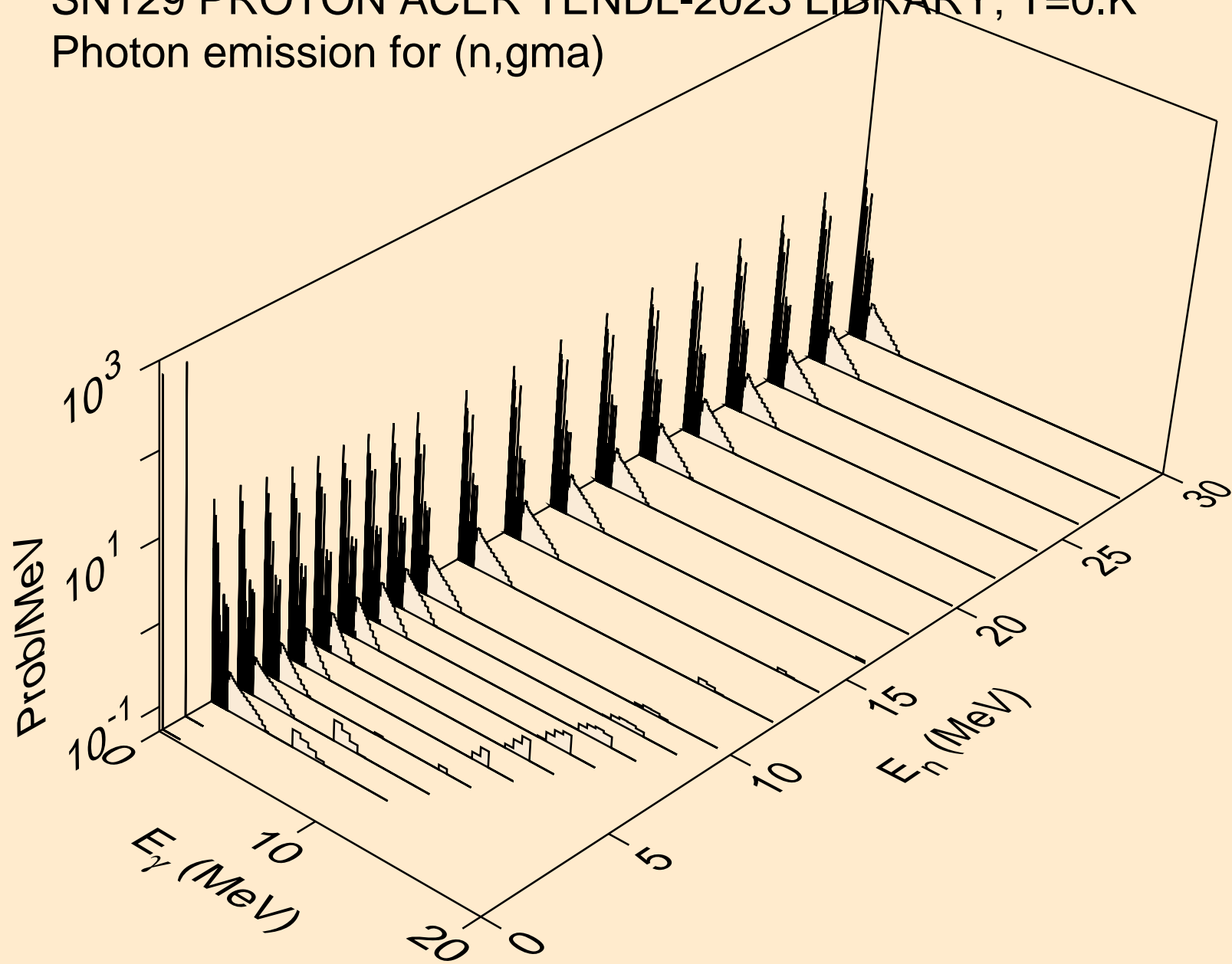




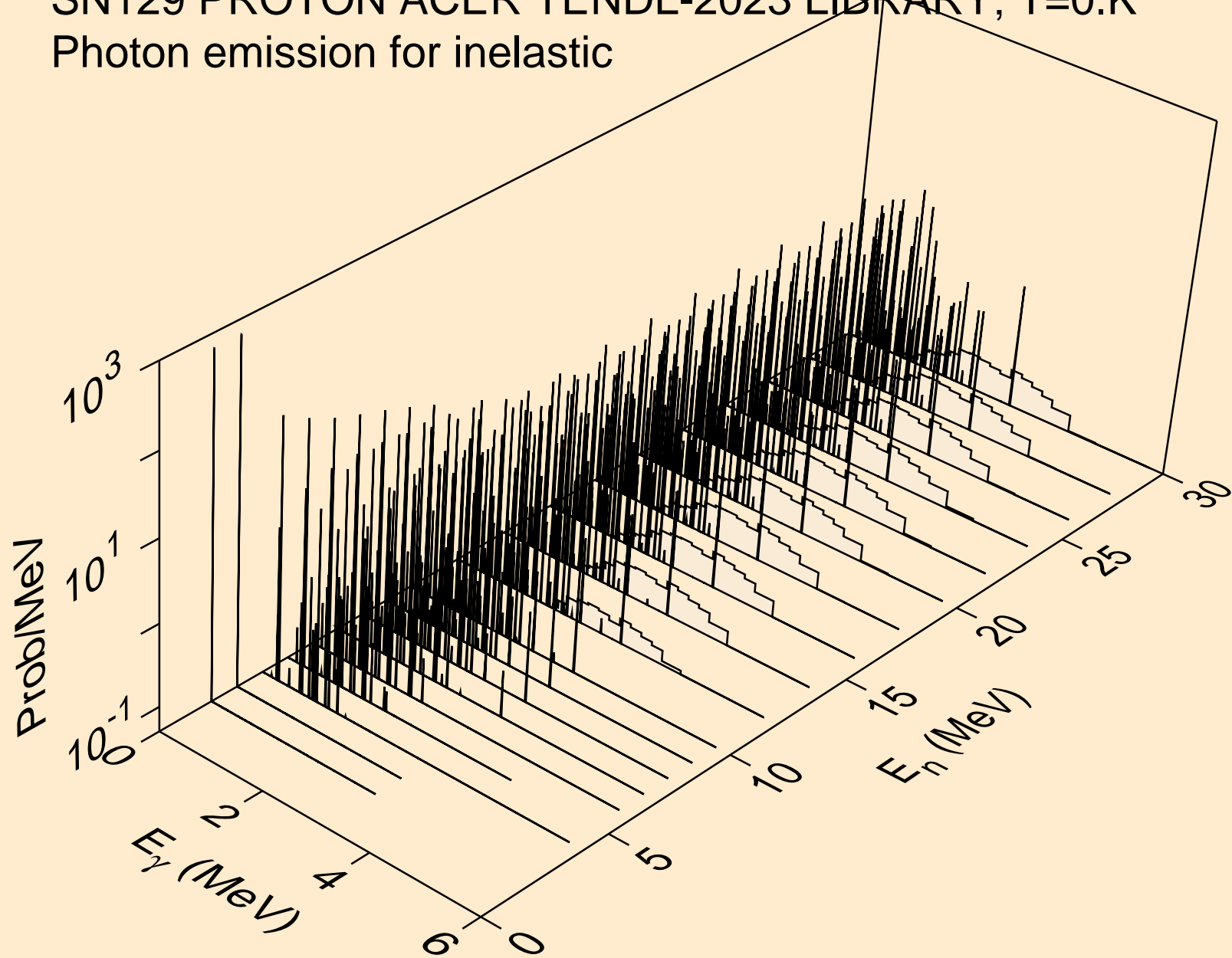
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Photon emission for (n,n2p)



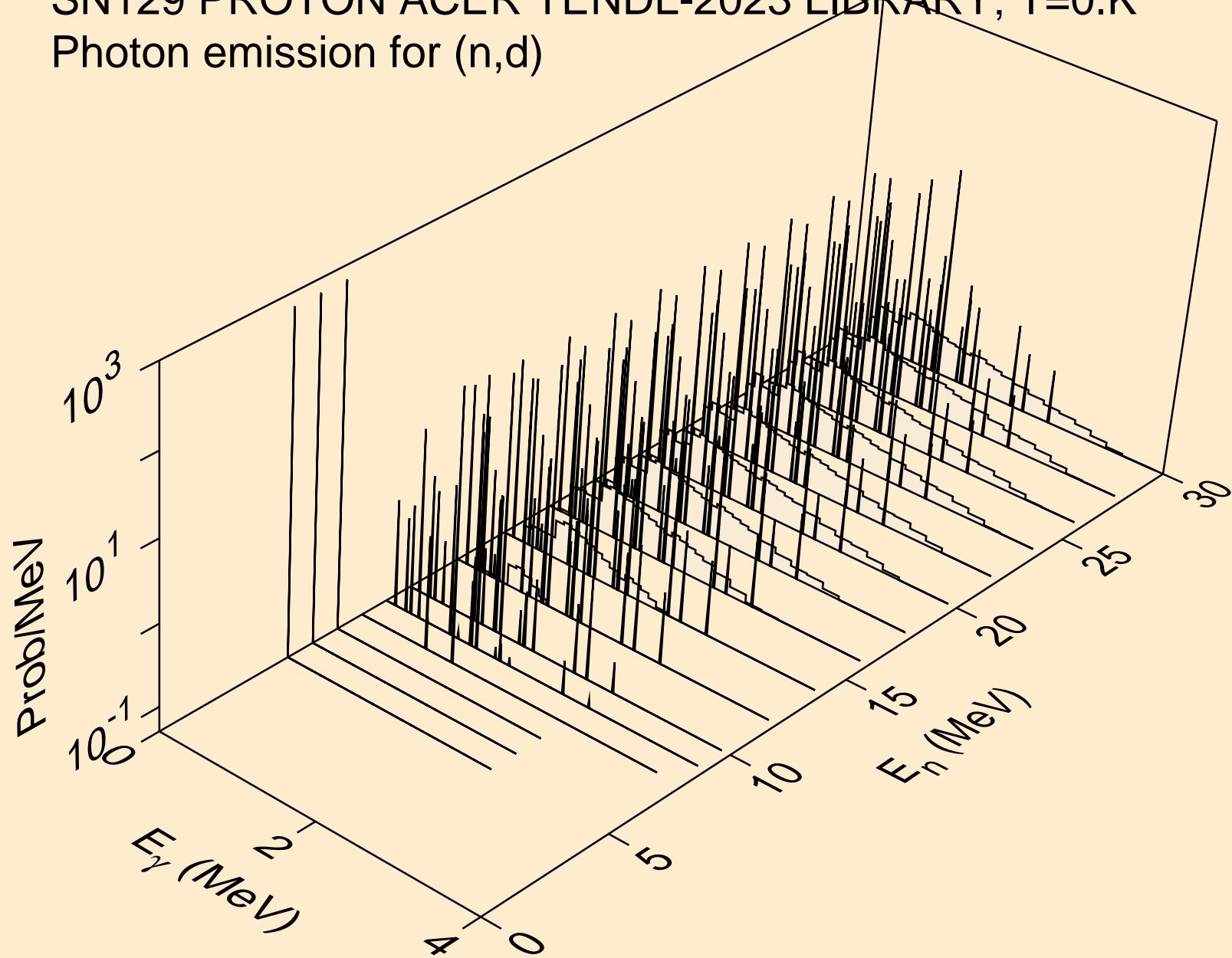
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Photon emission for (n,gma)



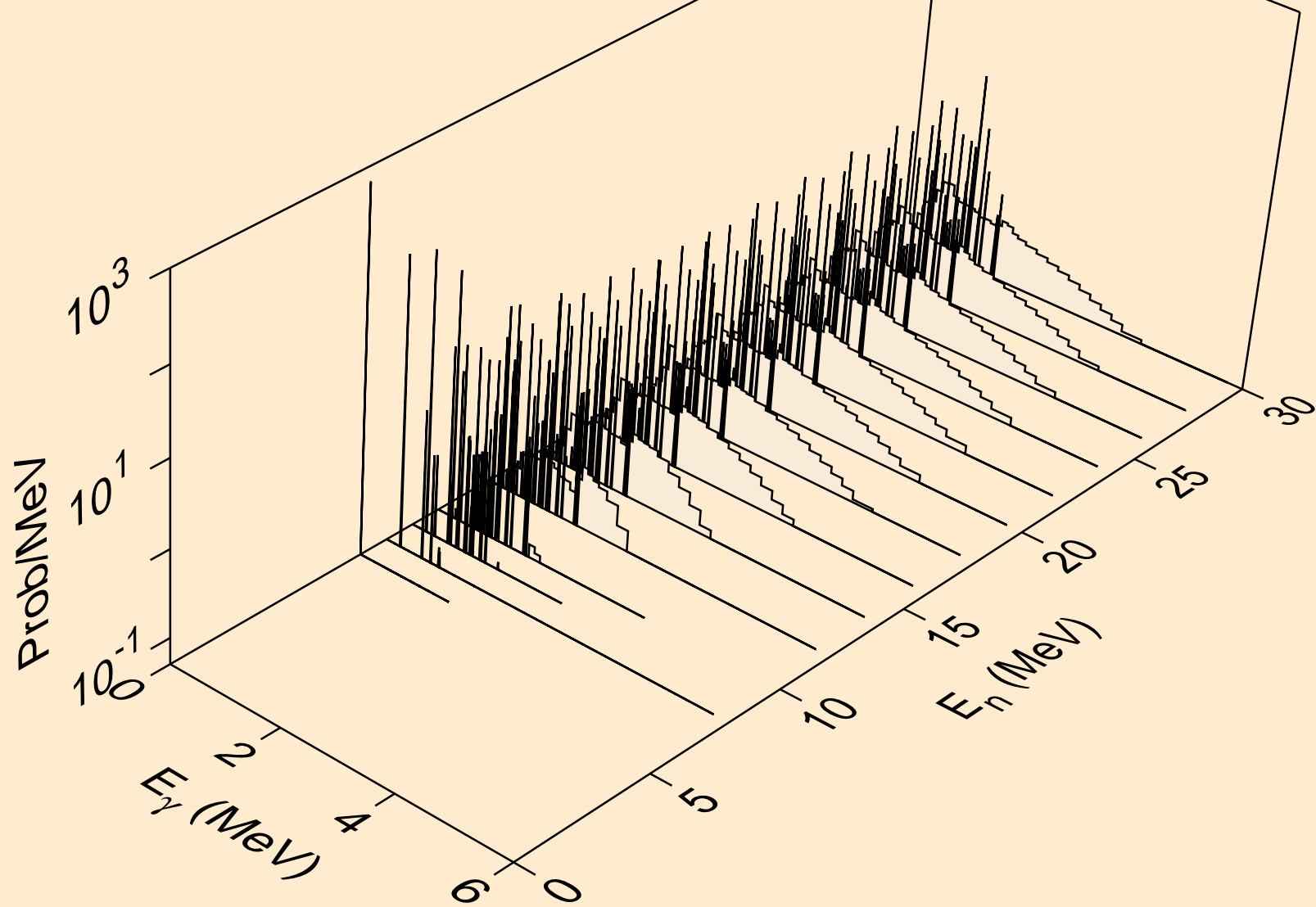
SN129 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



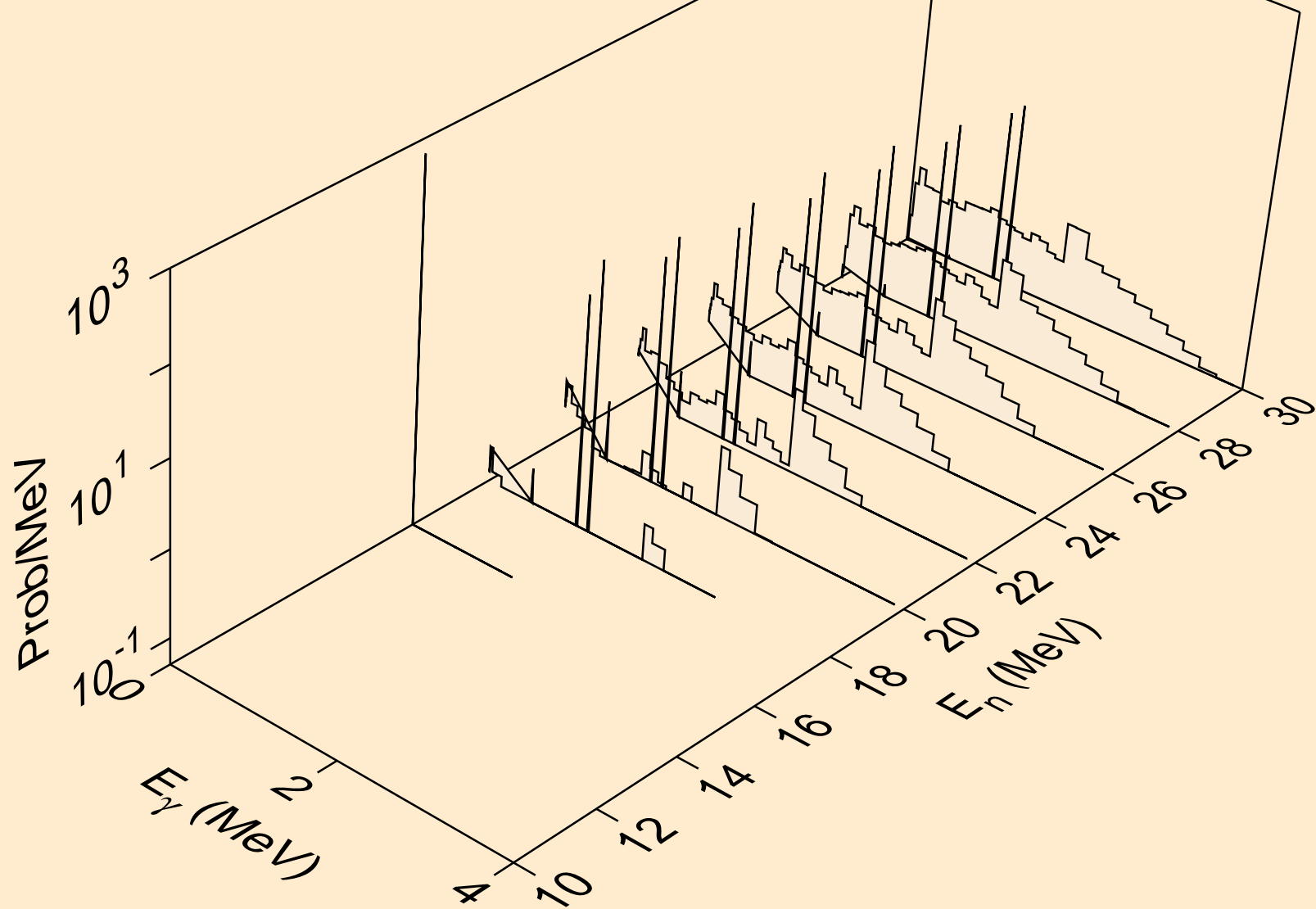
SN129 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



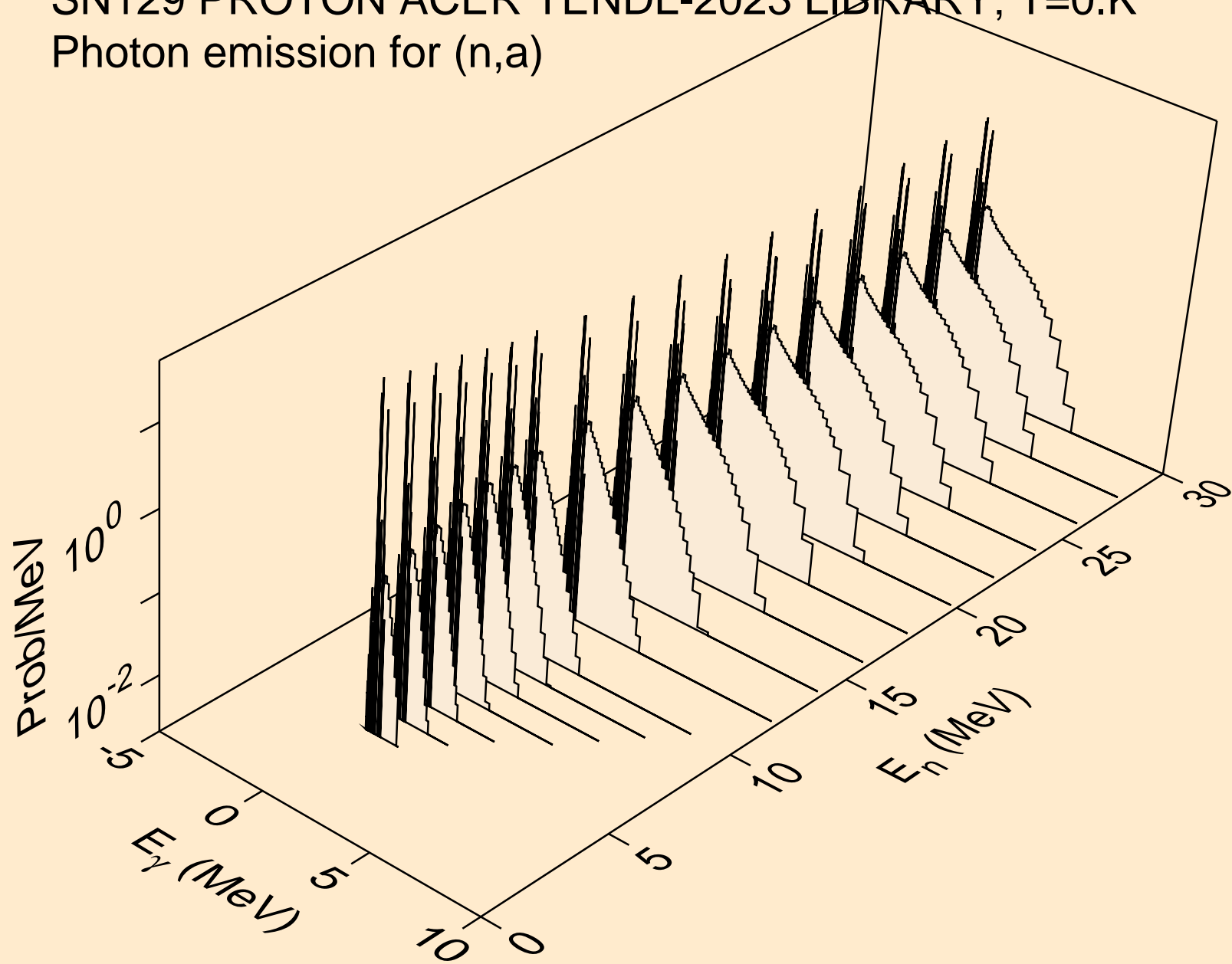
SN129 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



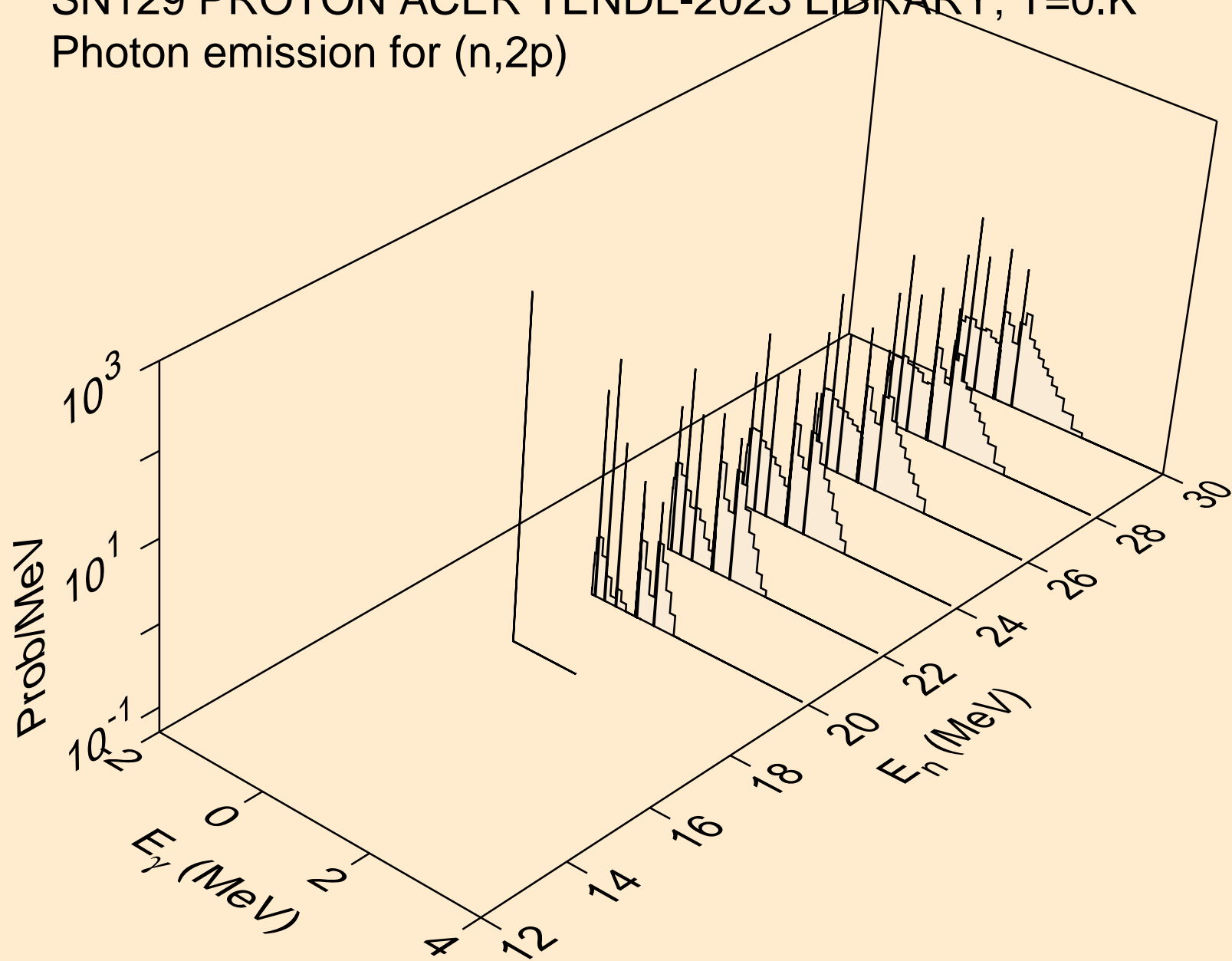
SN129 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



SN129 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)

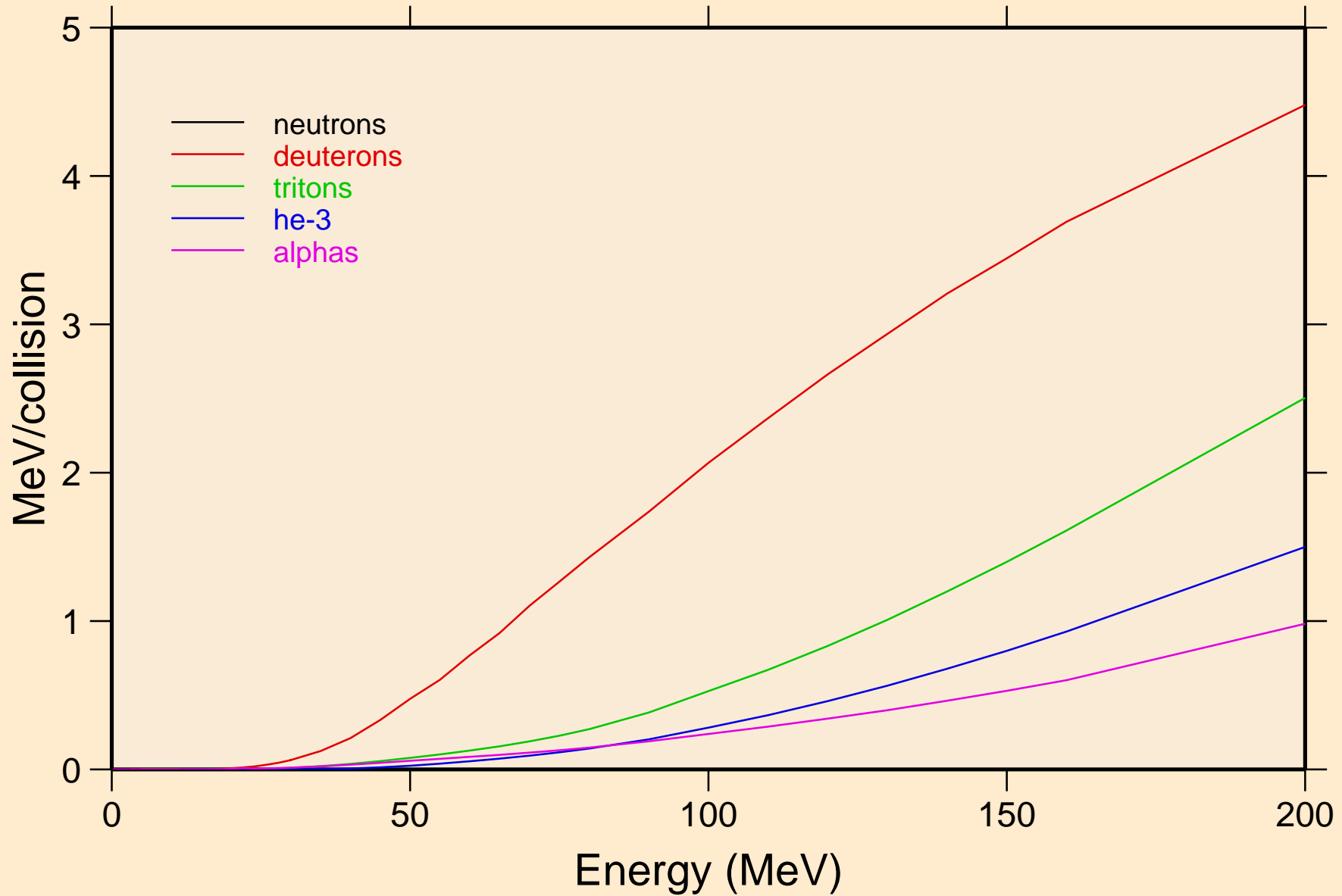


SN129 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



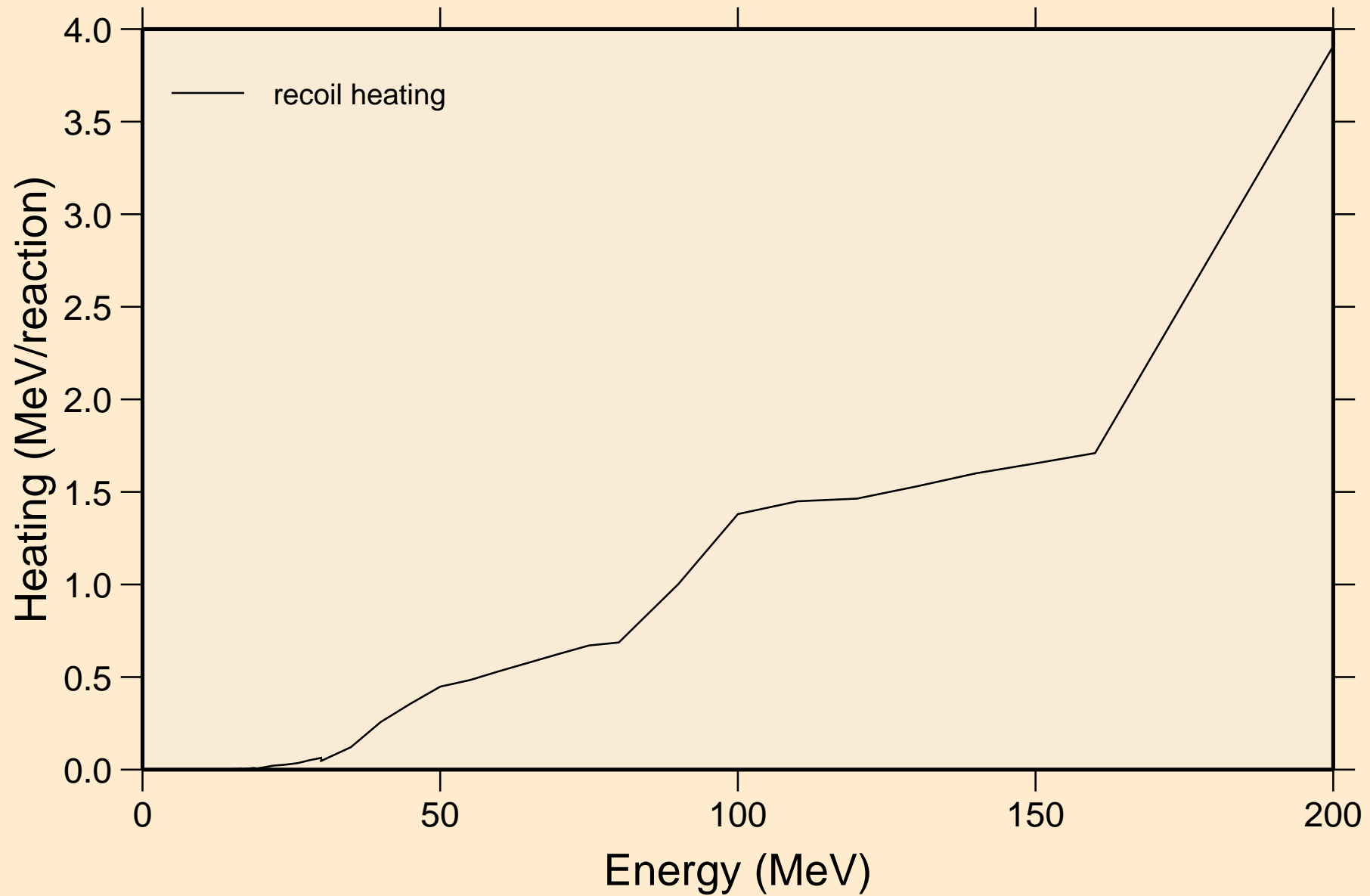


SN129 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



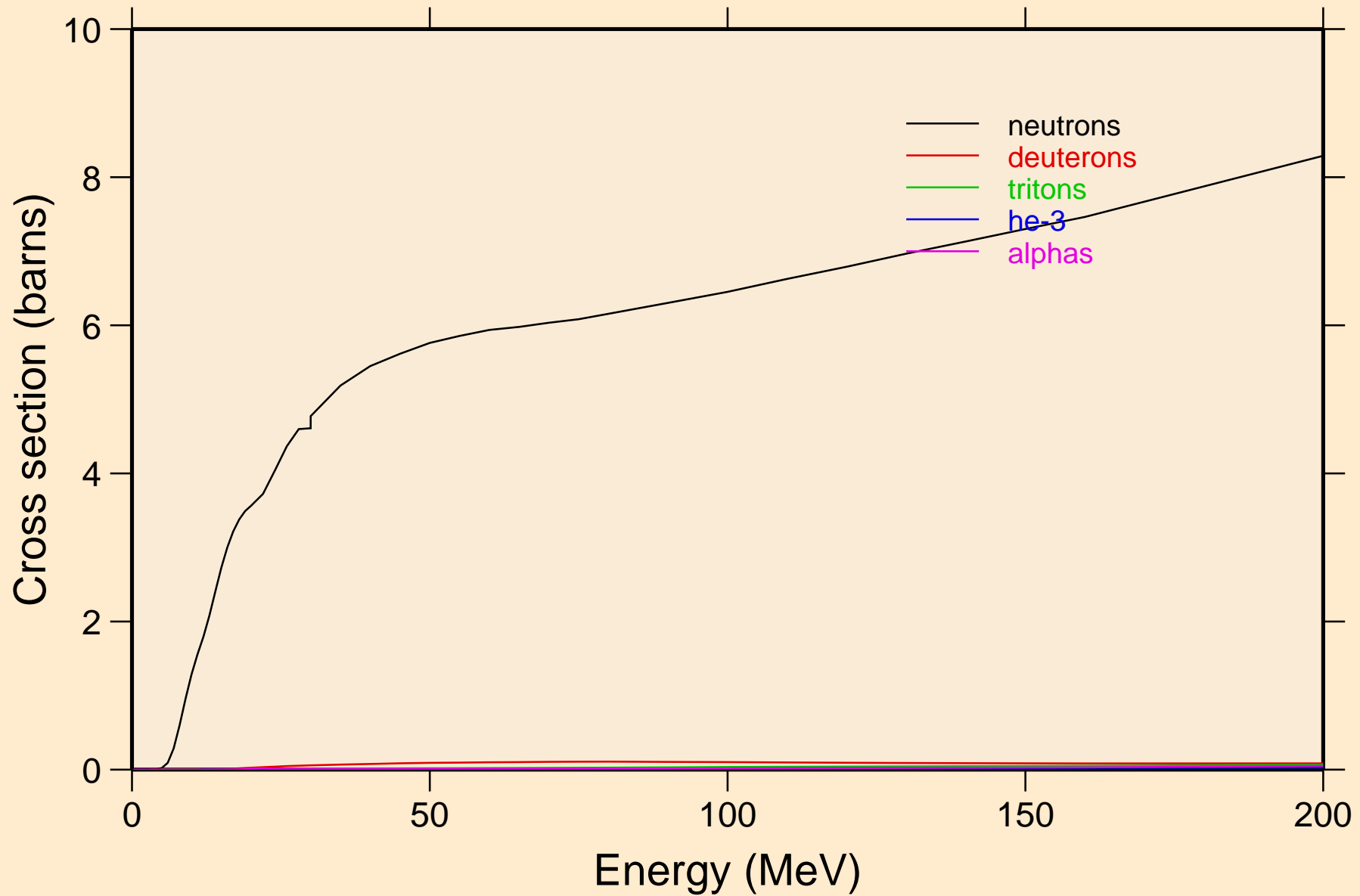
# SN129 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Recoil Heating

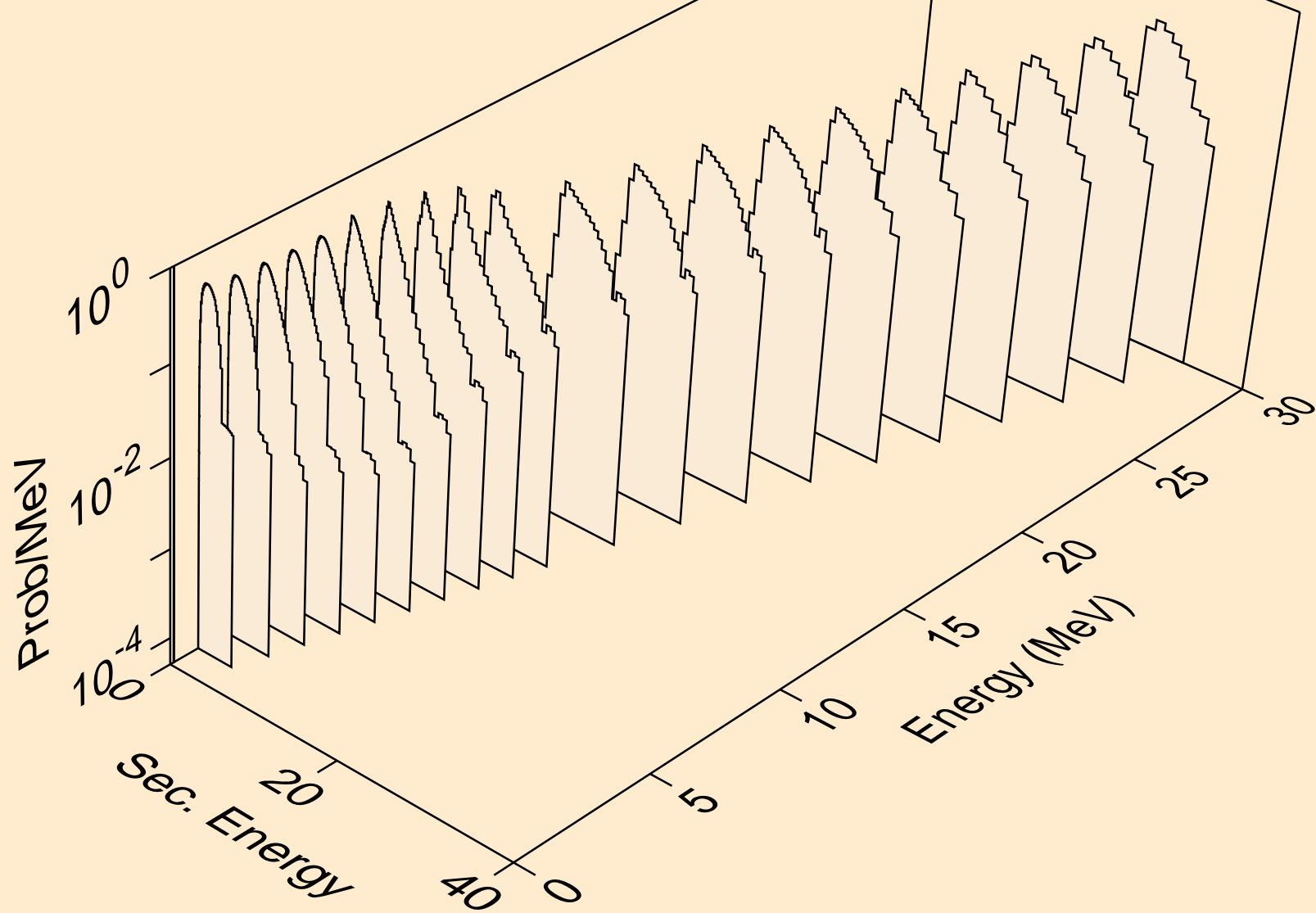


# SN129 PROTON ACER TENDL-2023 LIBRARY; T=0.K

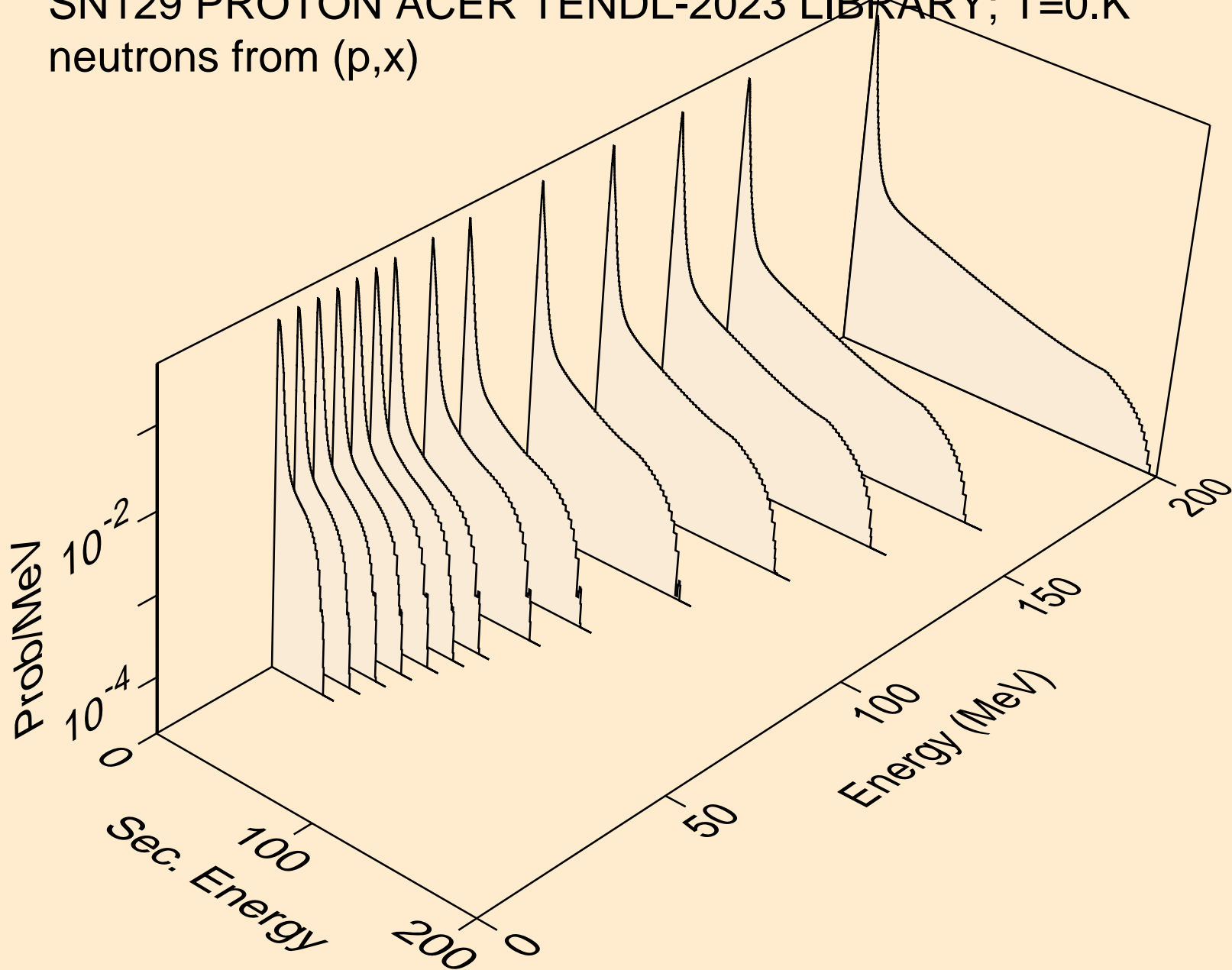
## Particle production cross sections



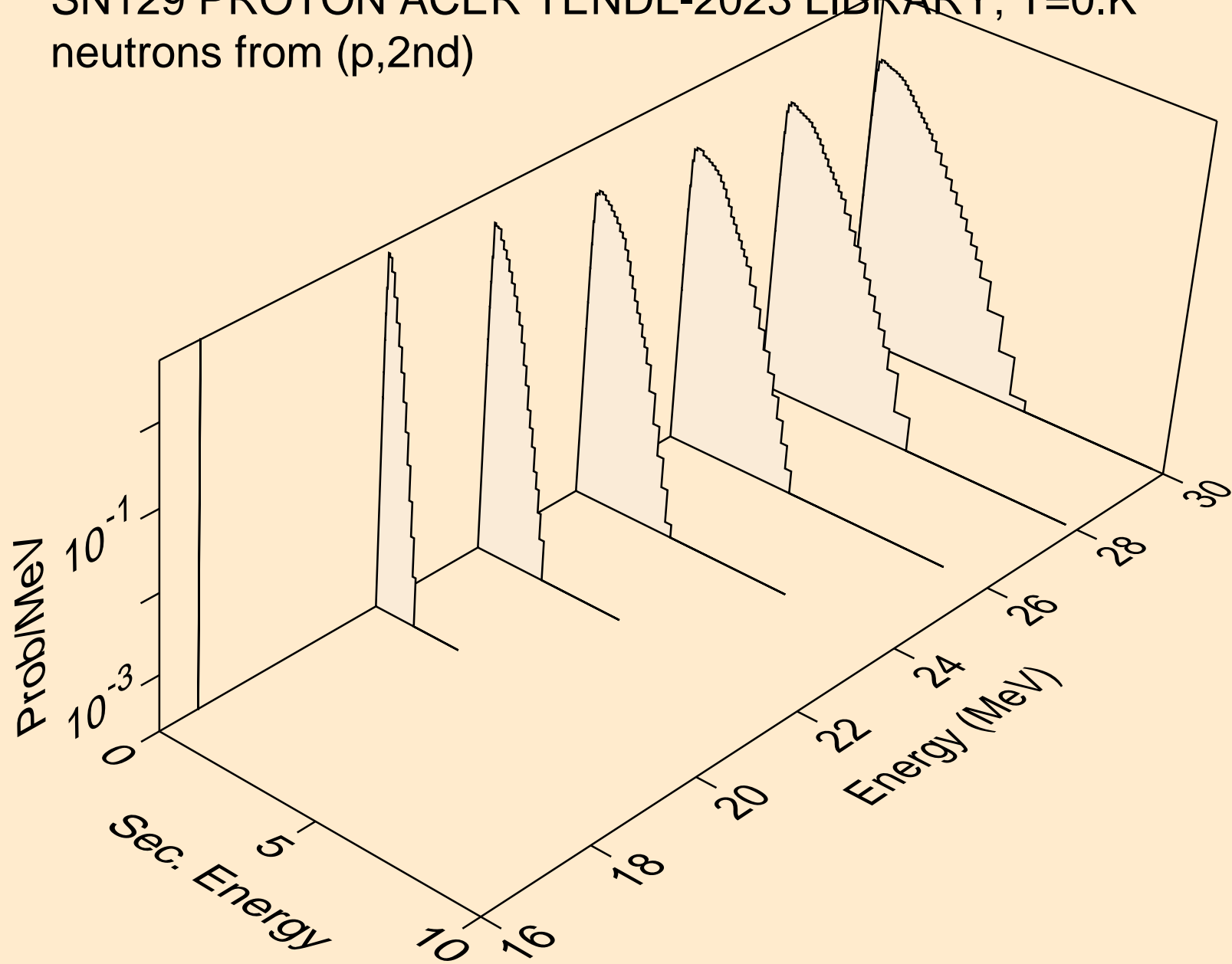
SN129 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



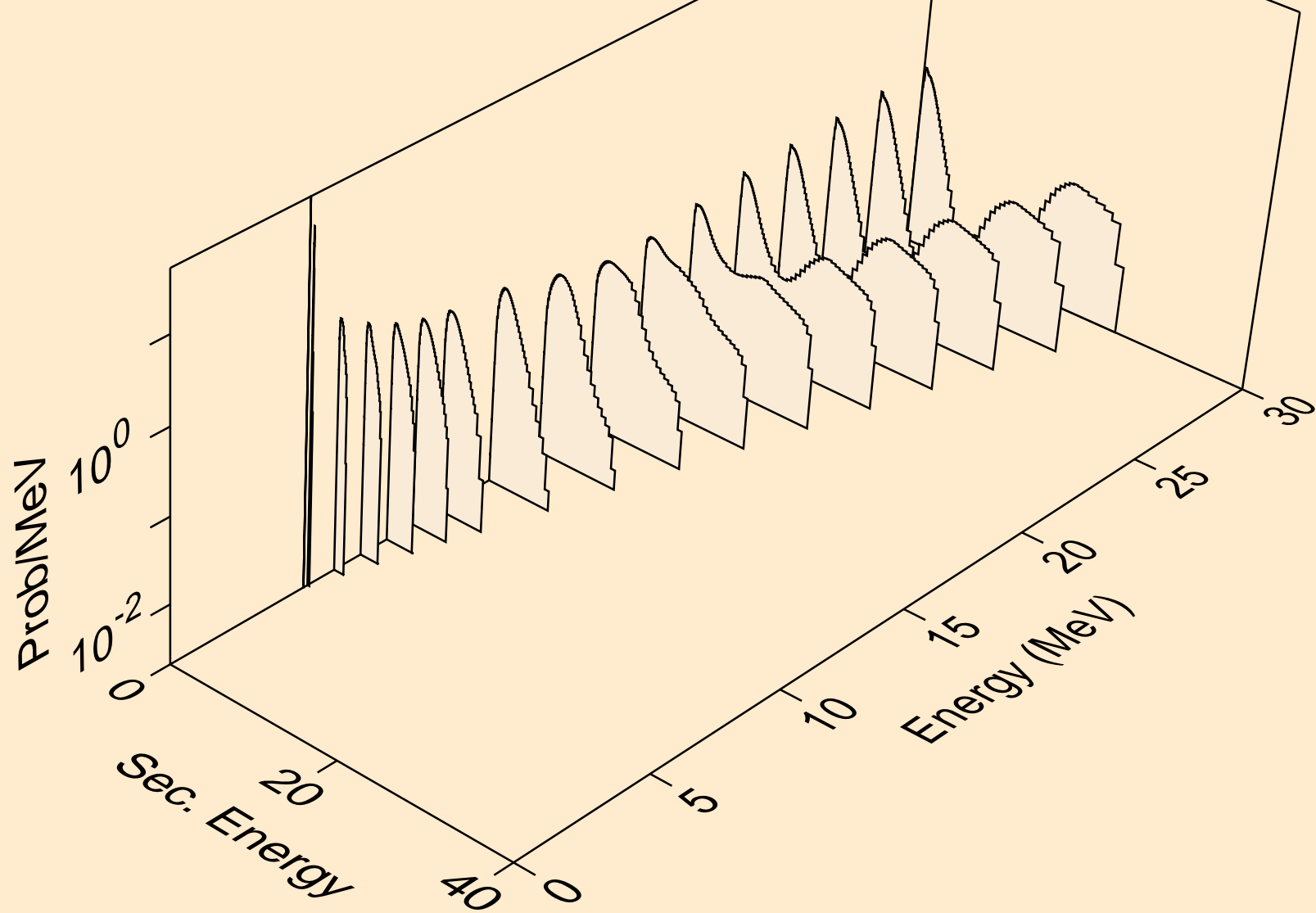
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neutrons from (p,x)



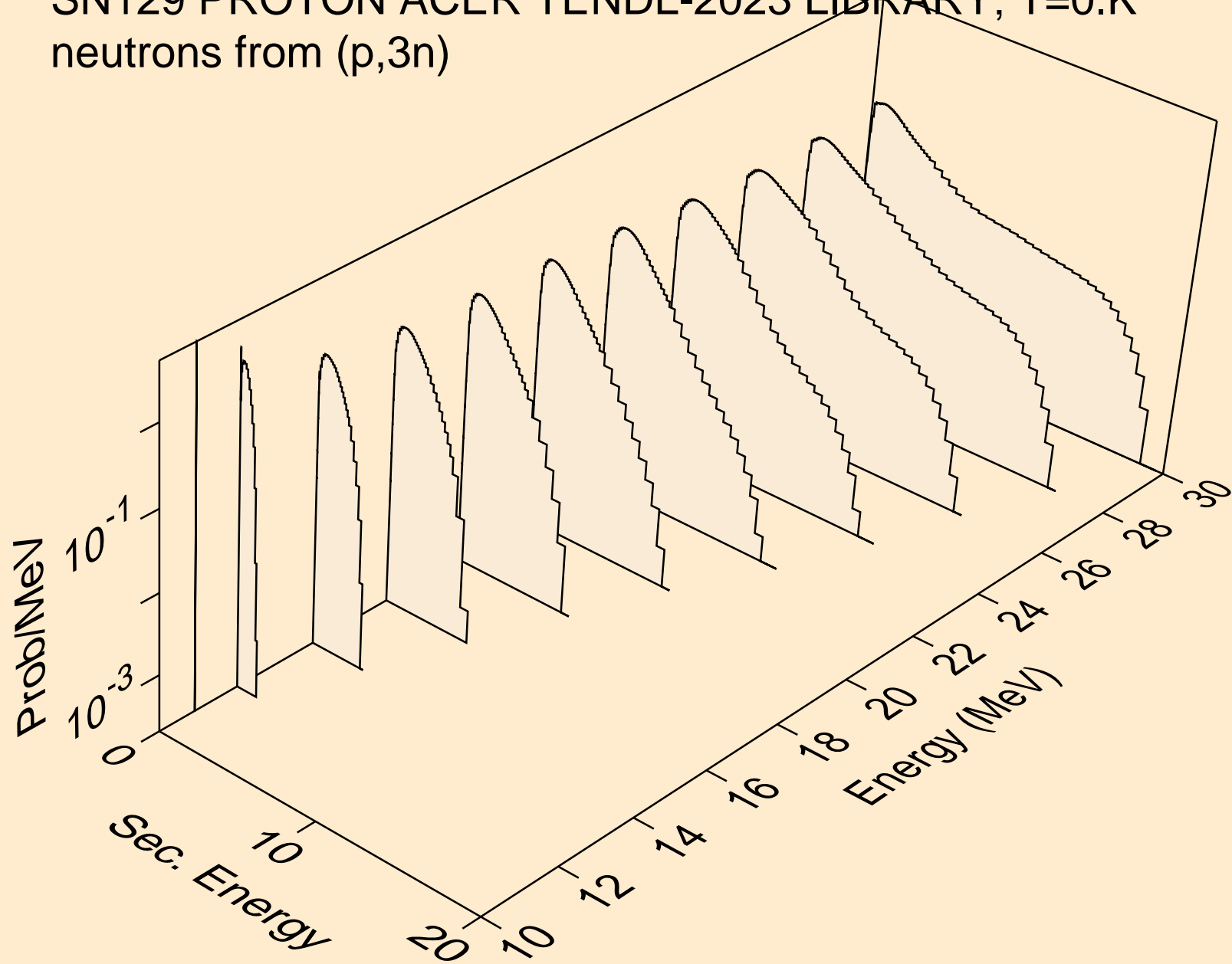
SN129 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2nd)



SN129 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)

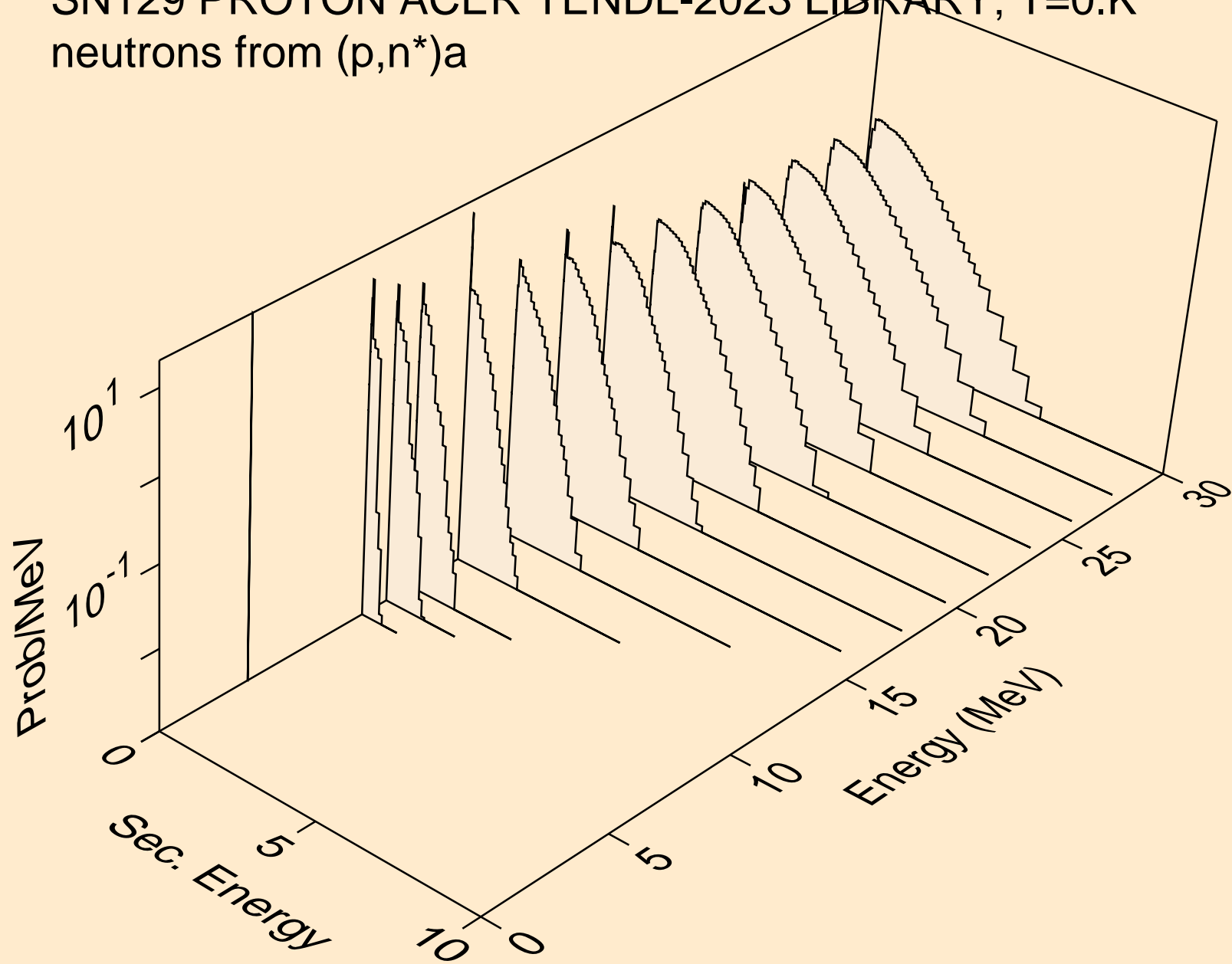


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neutrons from (p,3n)

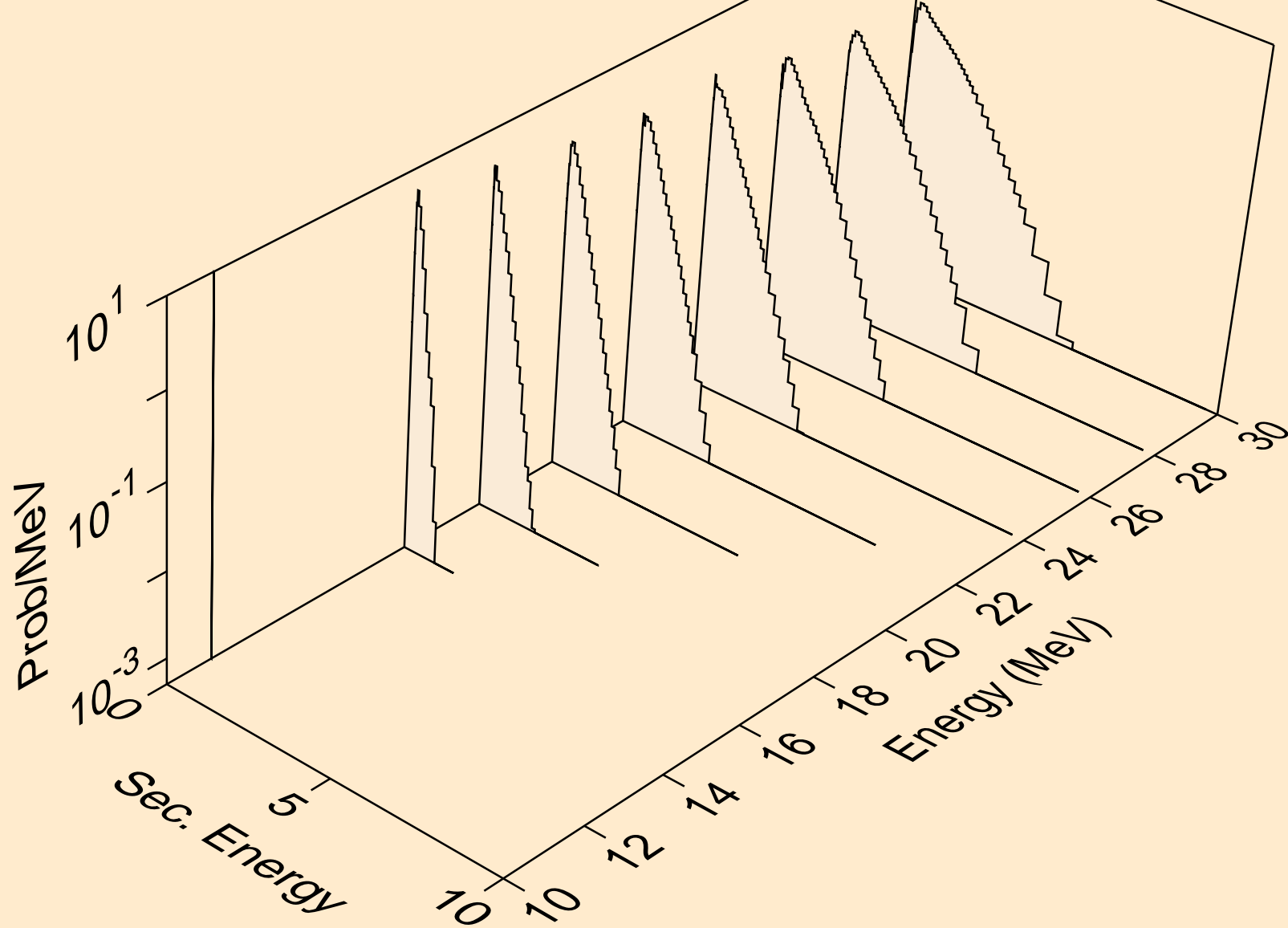




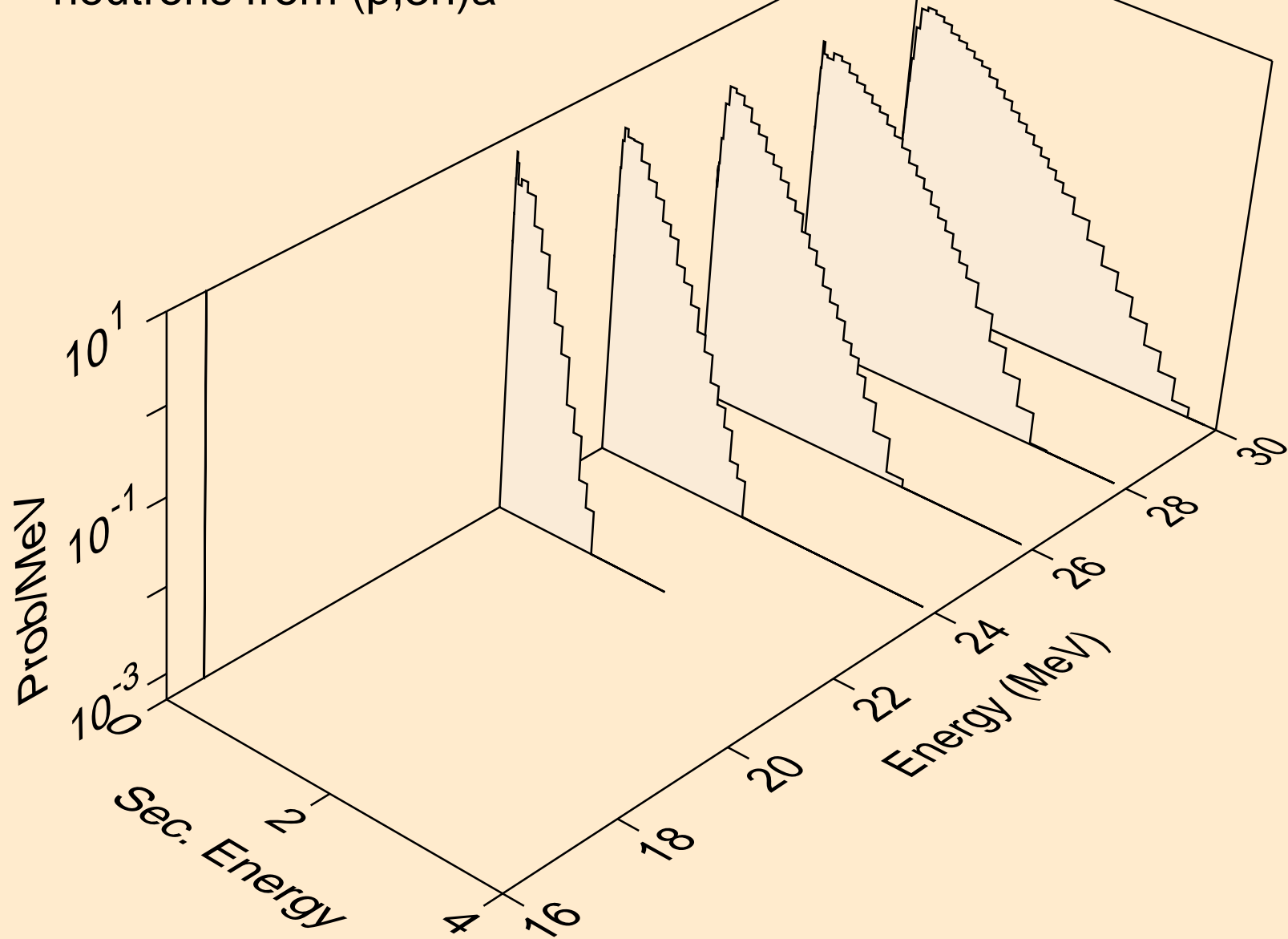
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neutrons from (p,n\*)a



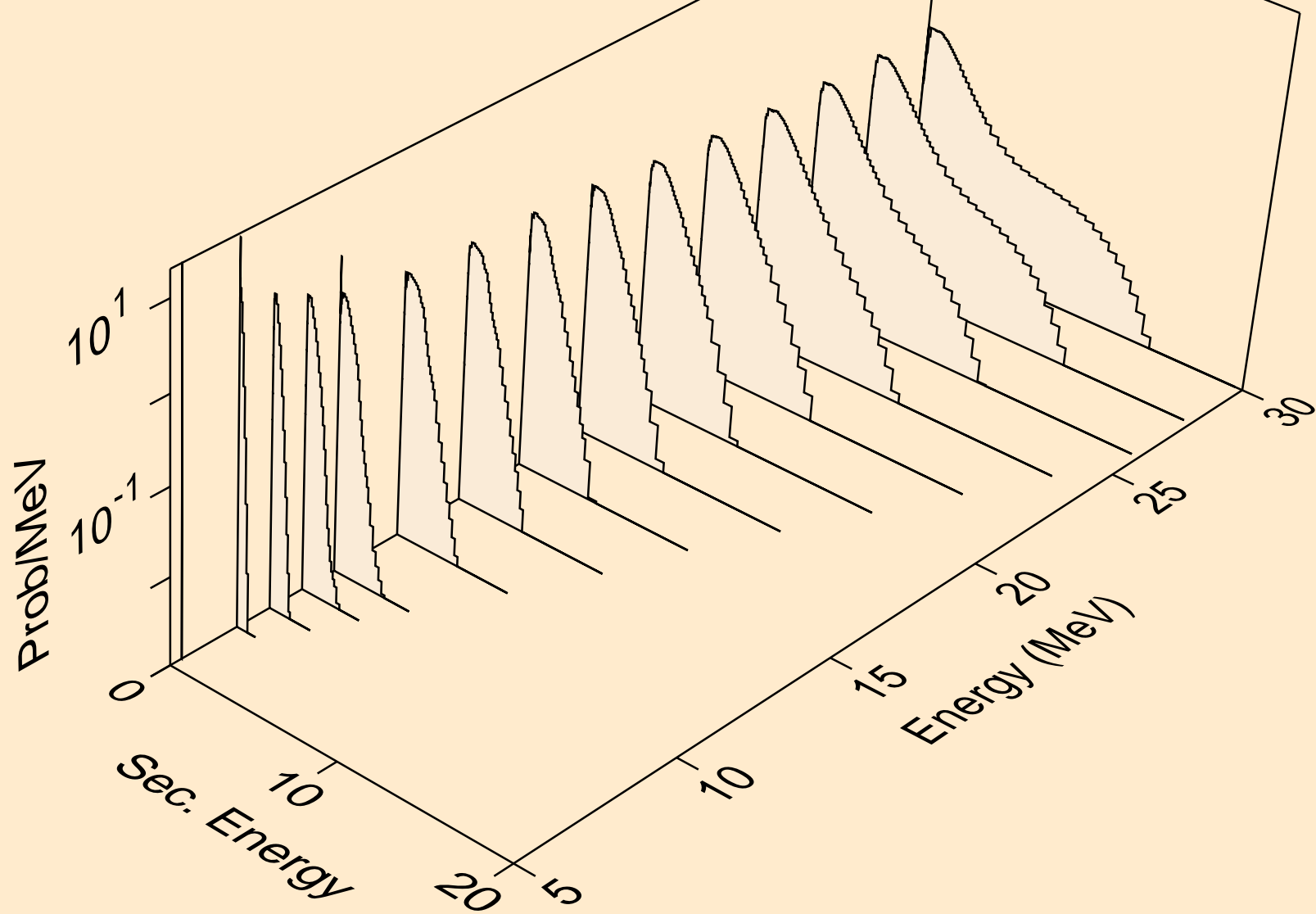
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neutrons from (p,2n)a



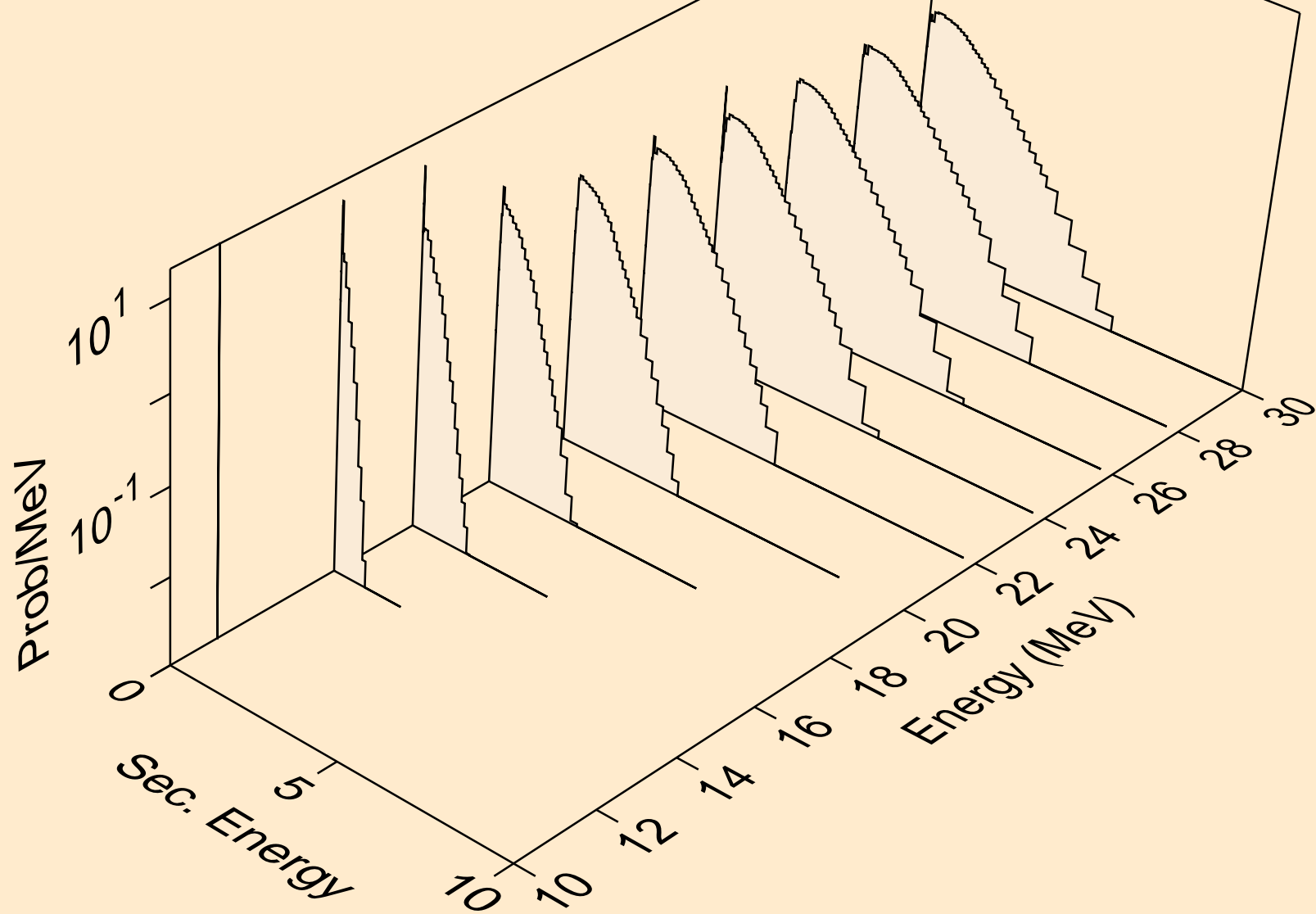
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neutrons from (p,3n)a



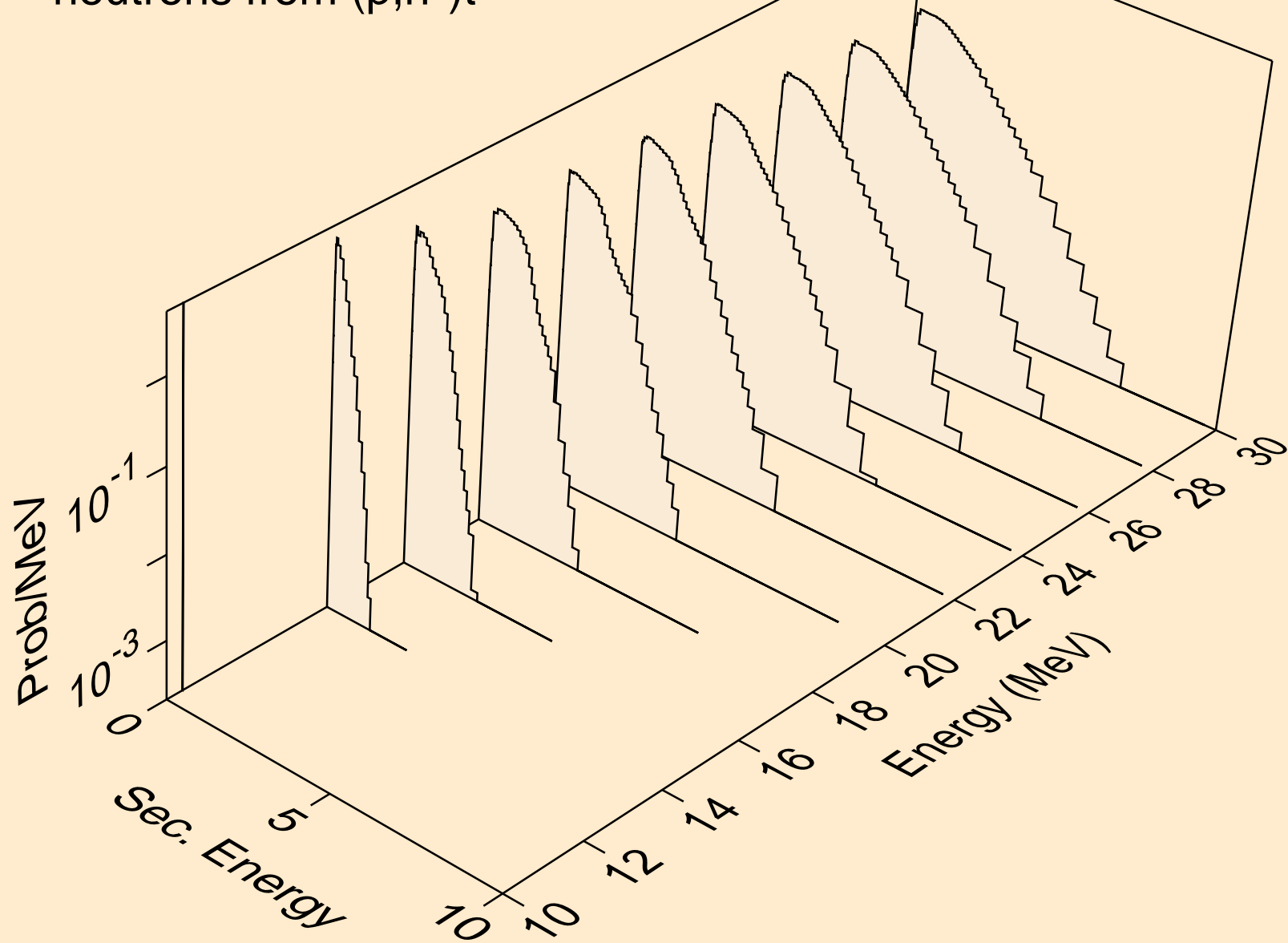
SN129 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)p



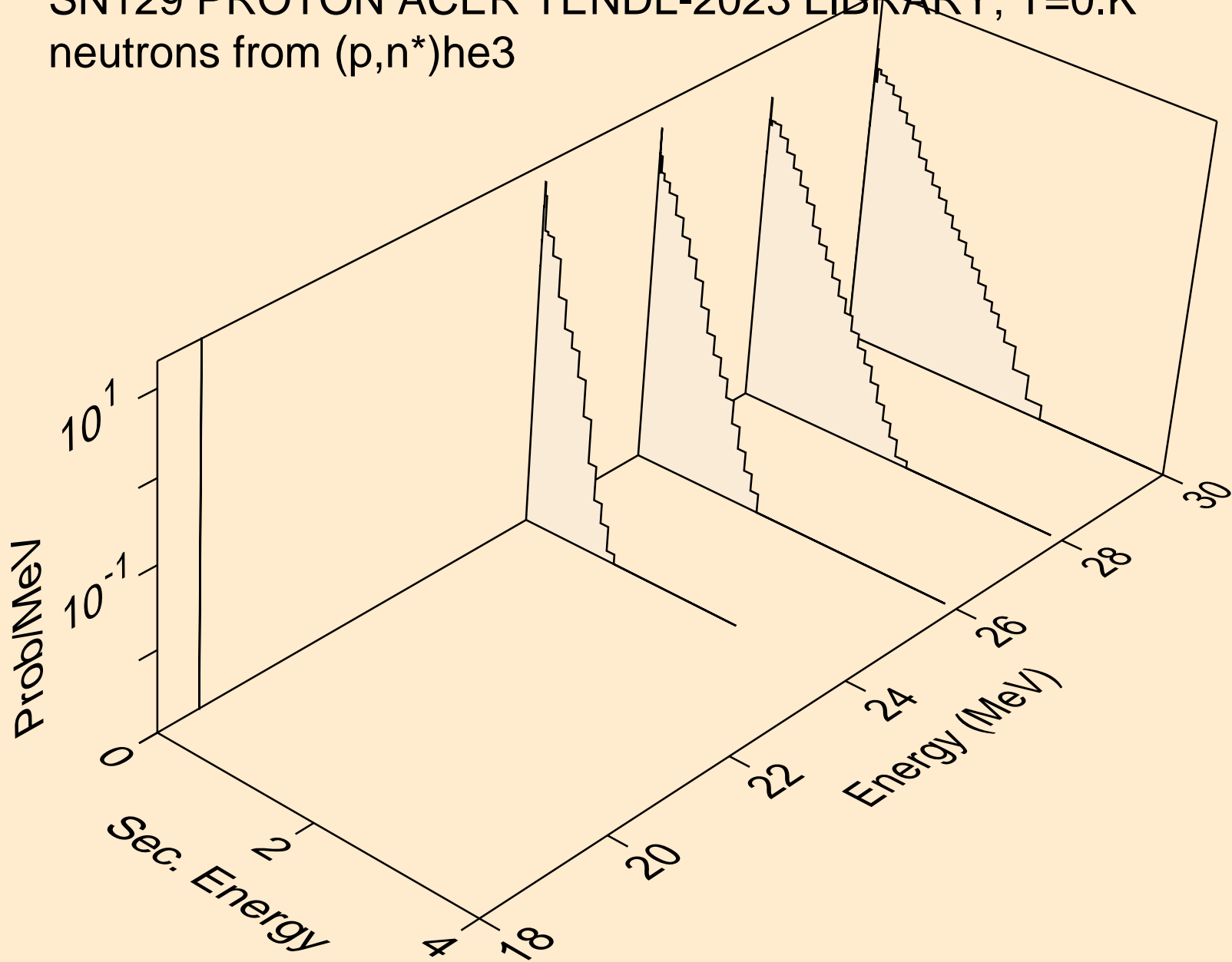
SN129 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)d



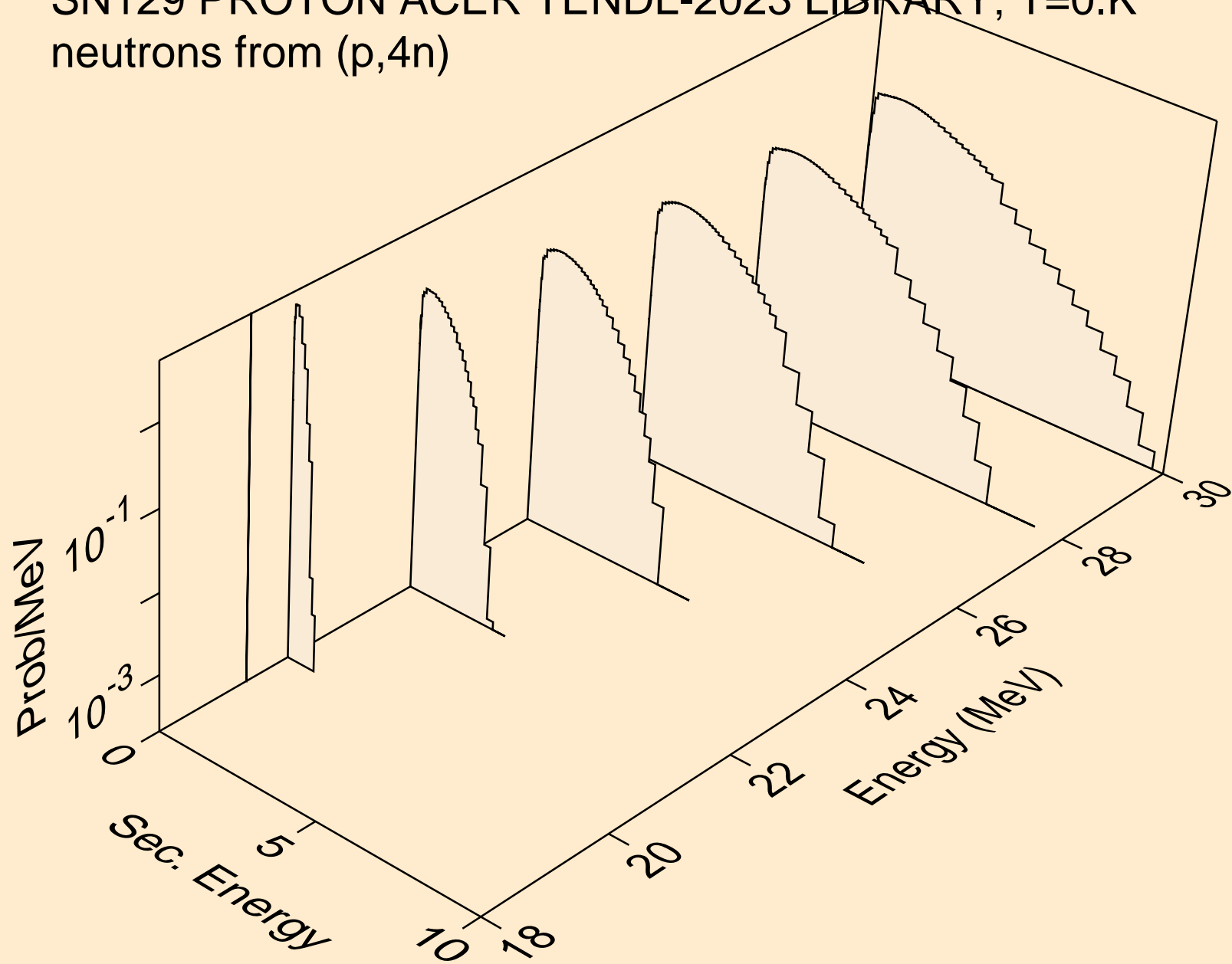
SN129 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)t



SN129 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3

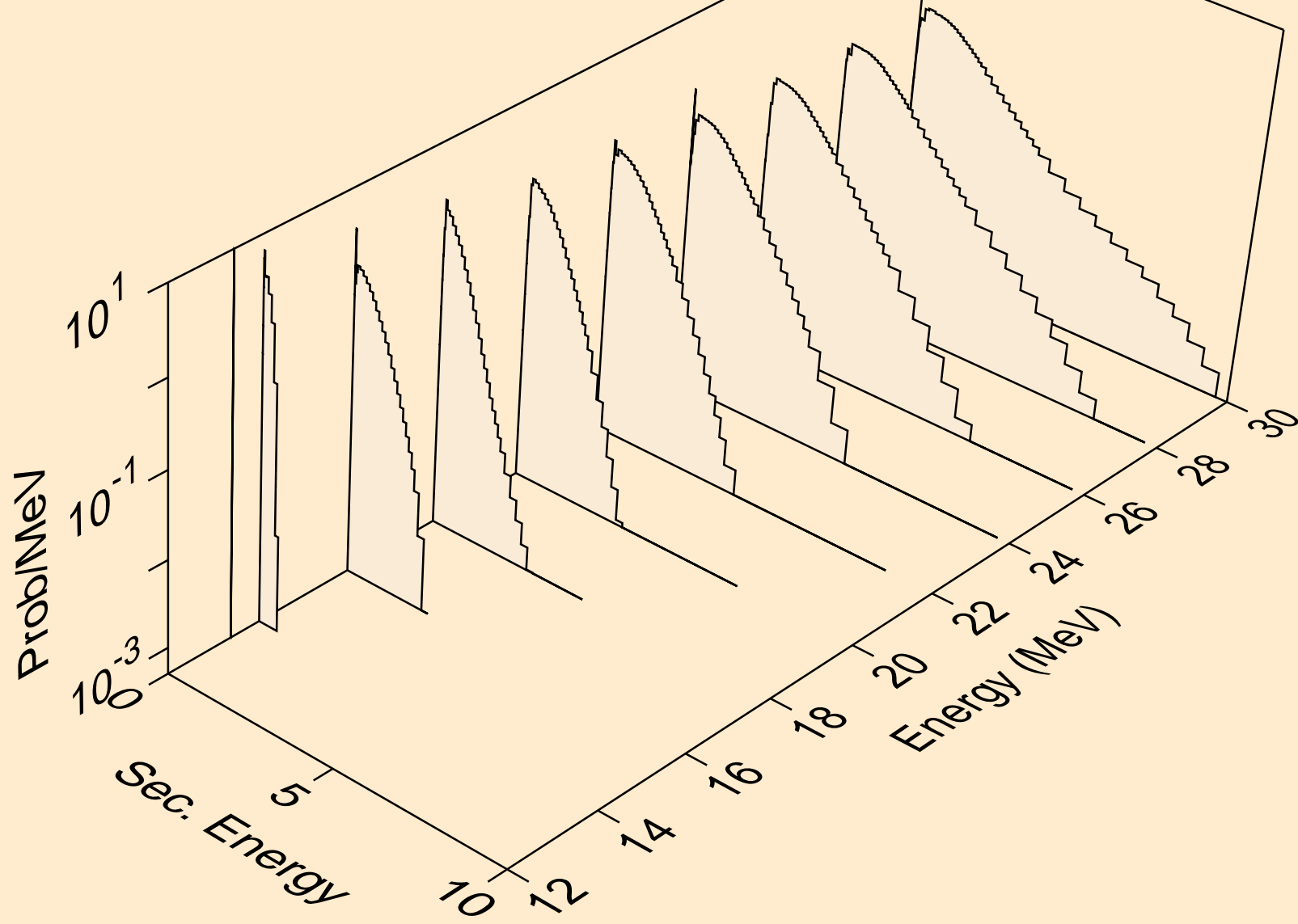


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neutrons from (p,4n)

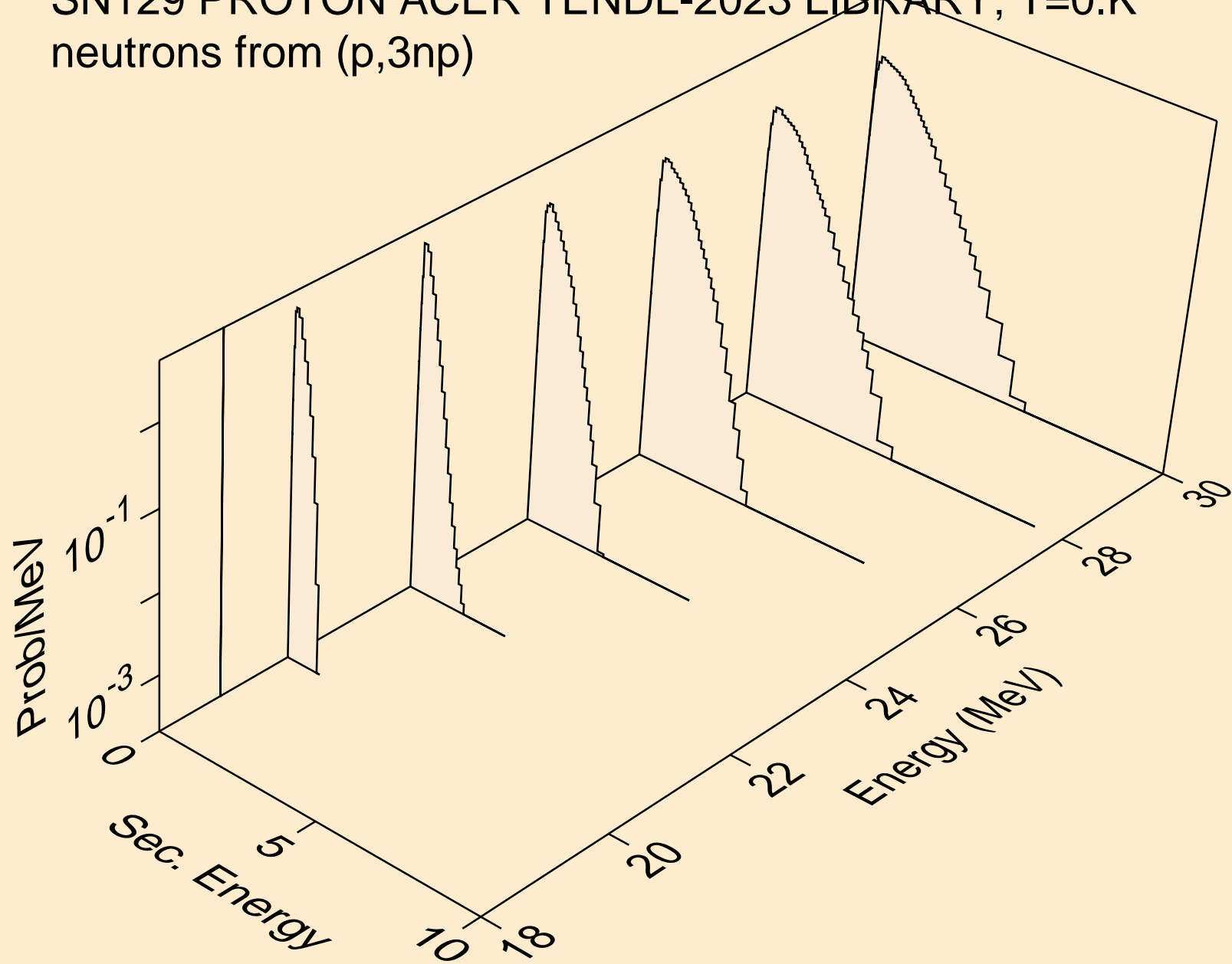




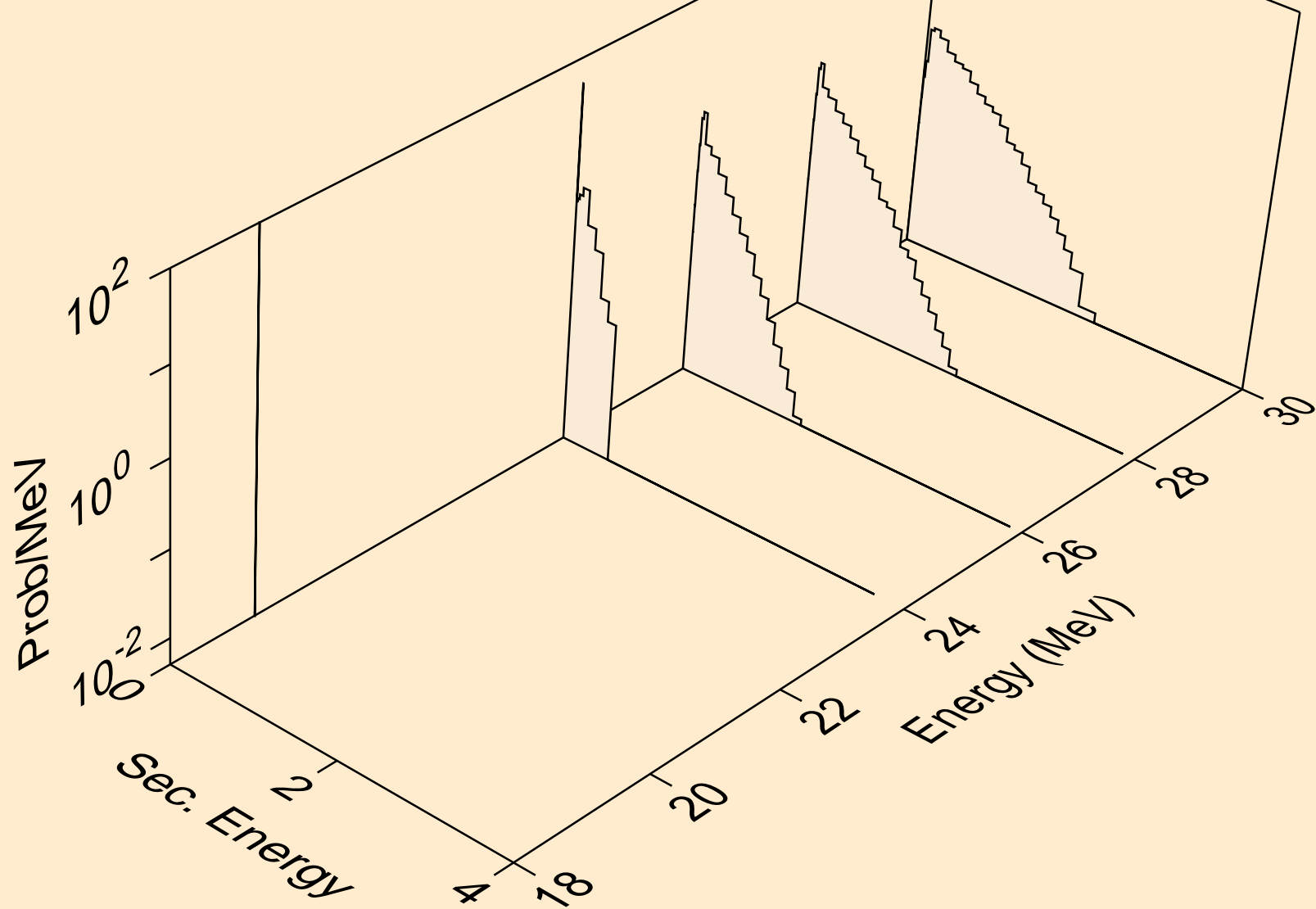
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neutrons from (p,2np)



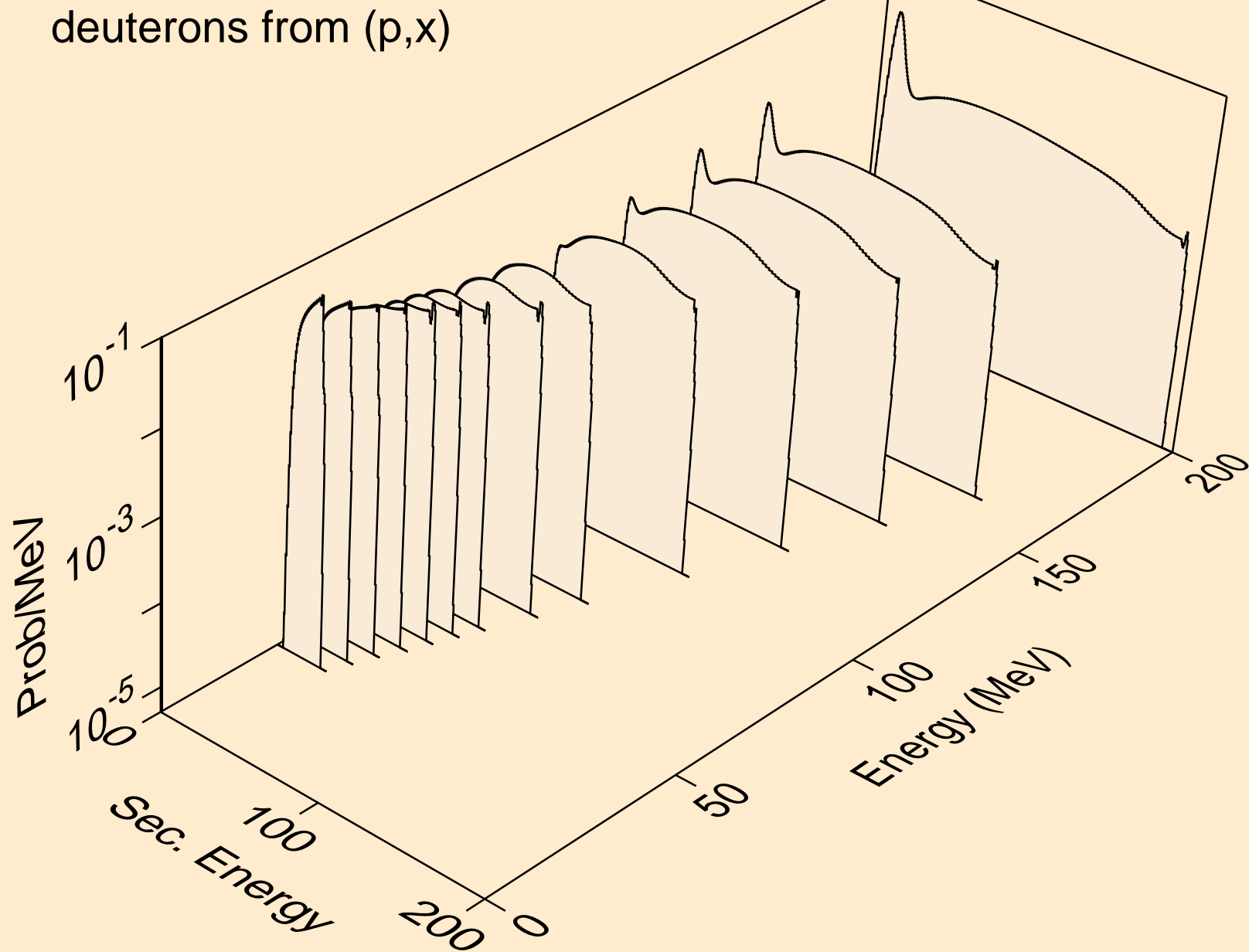
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neutrons from (p,3np)



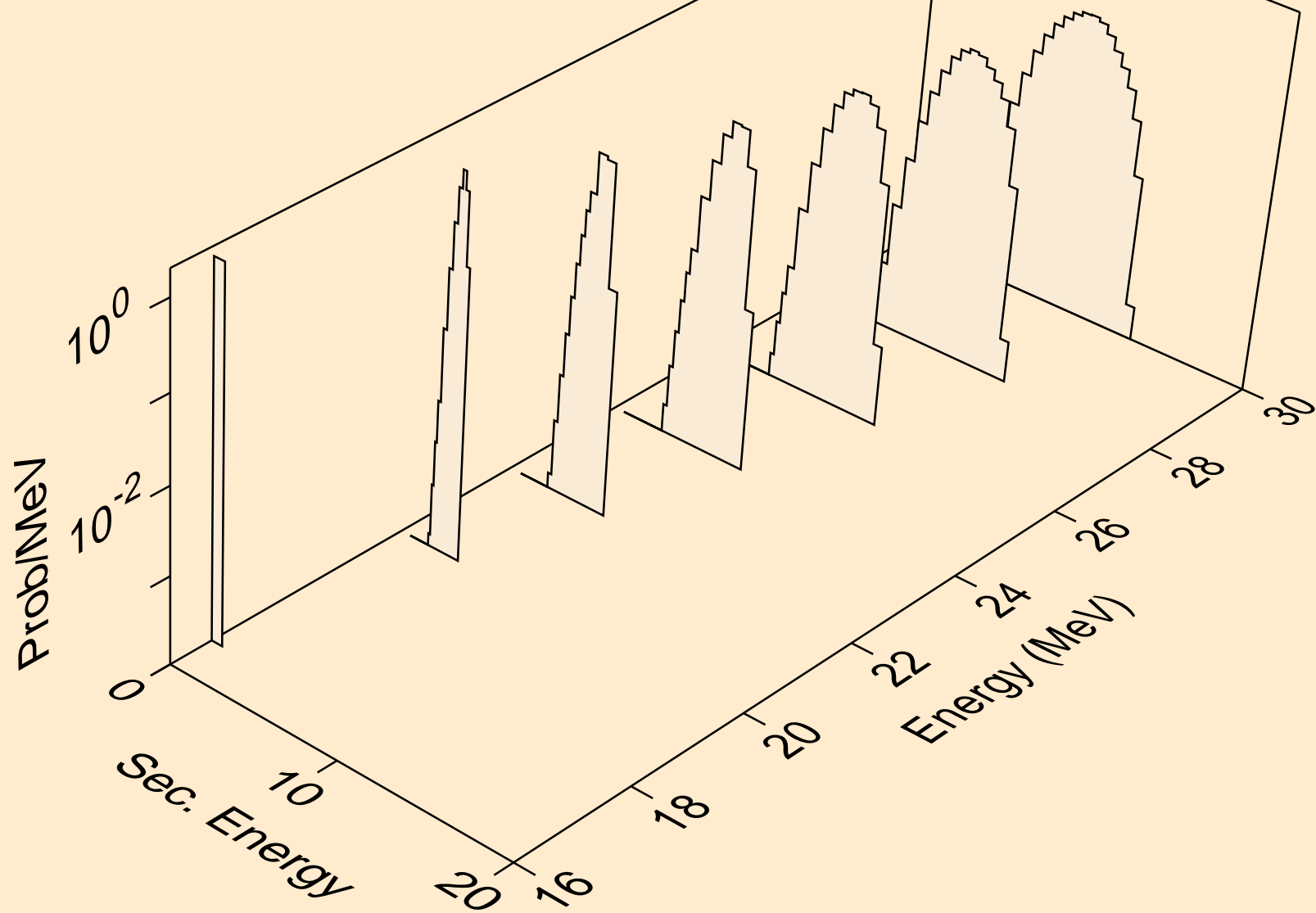
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neutrons from (p,n2p)



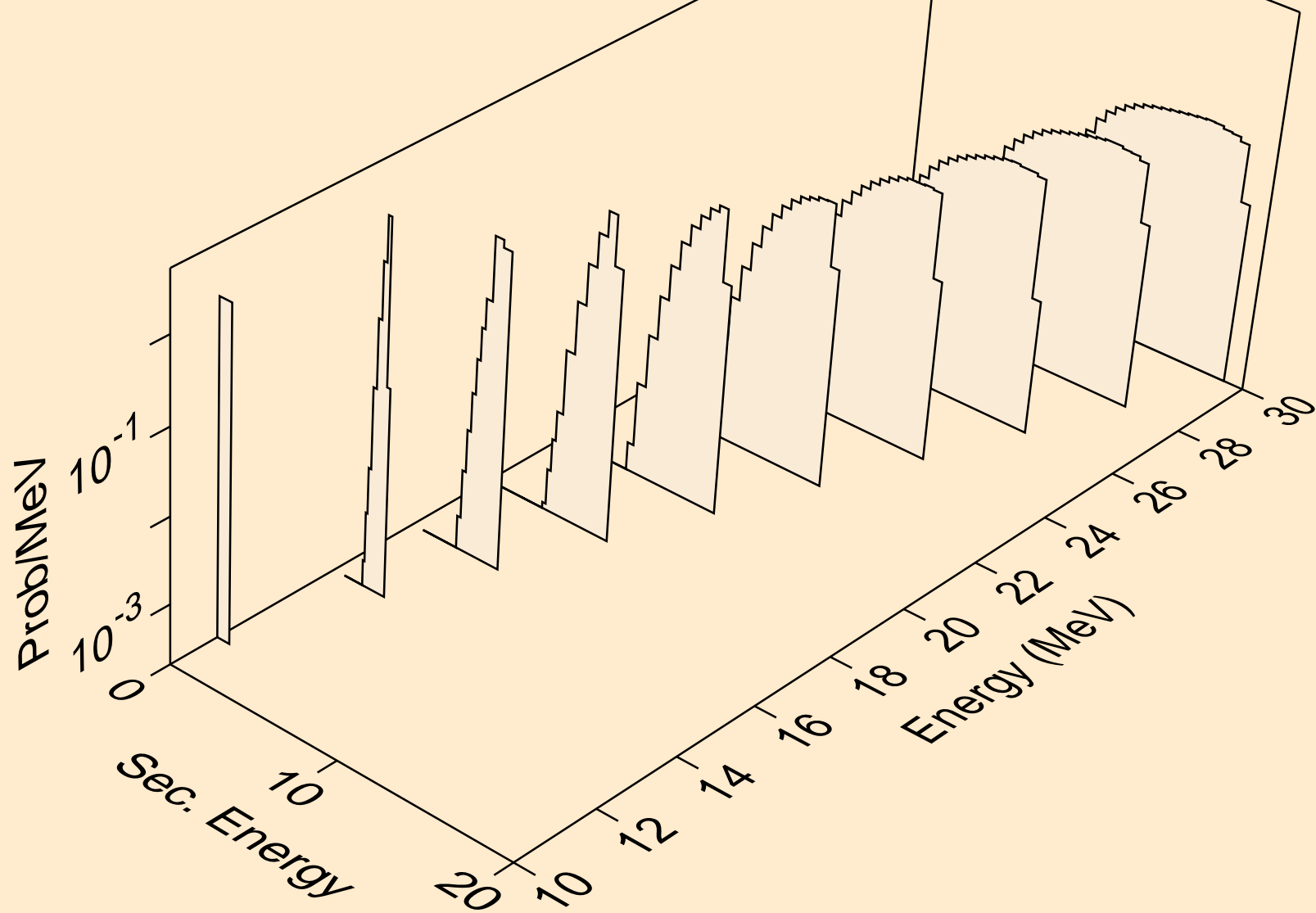
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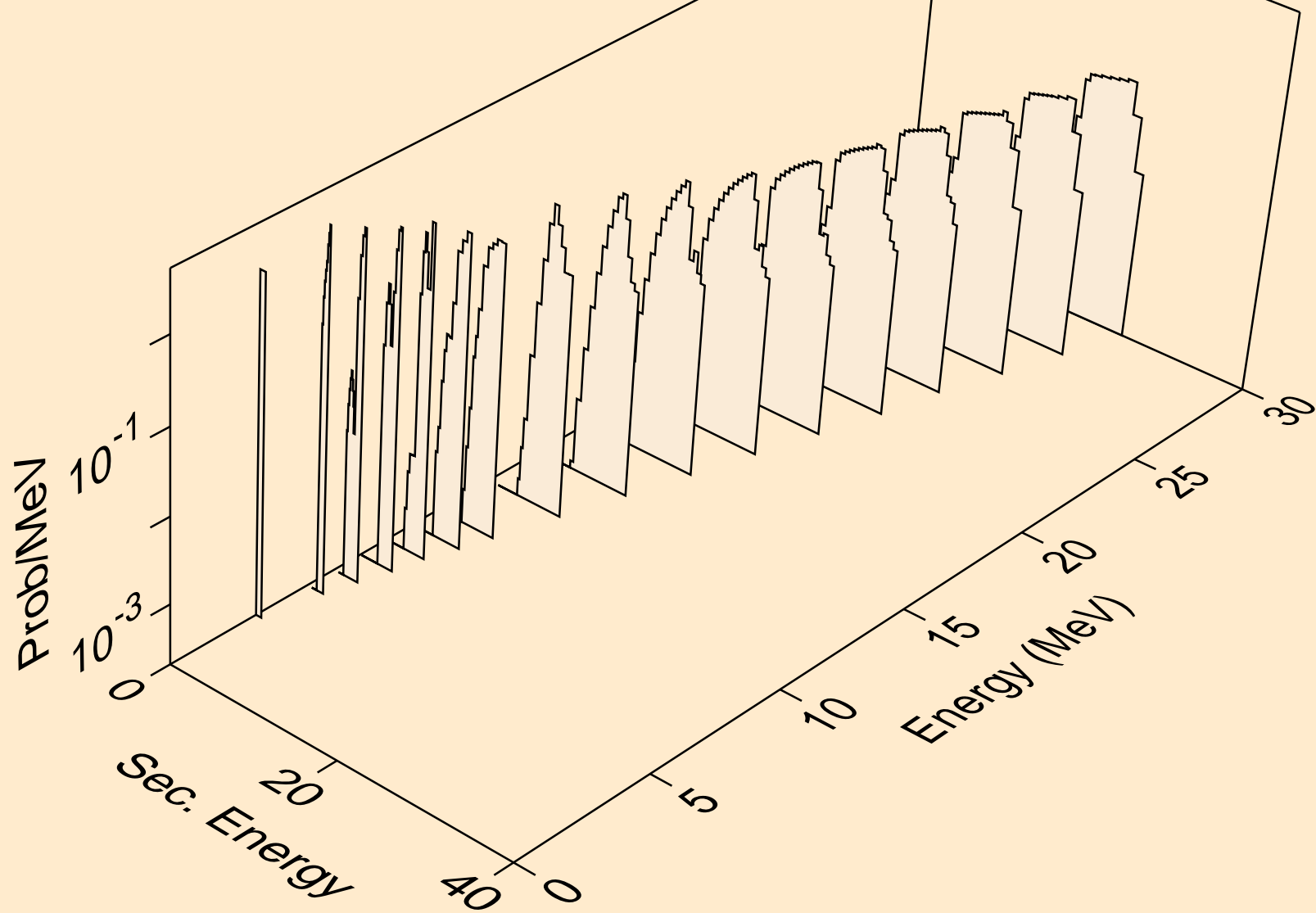
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deuterons from (p,2nd)



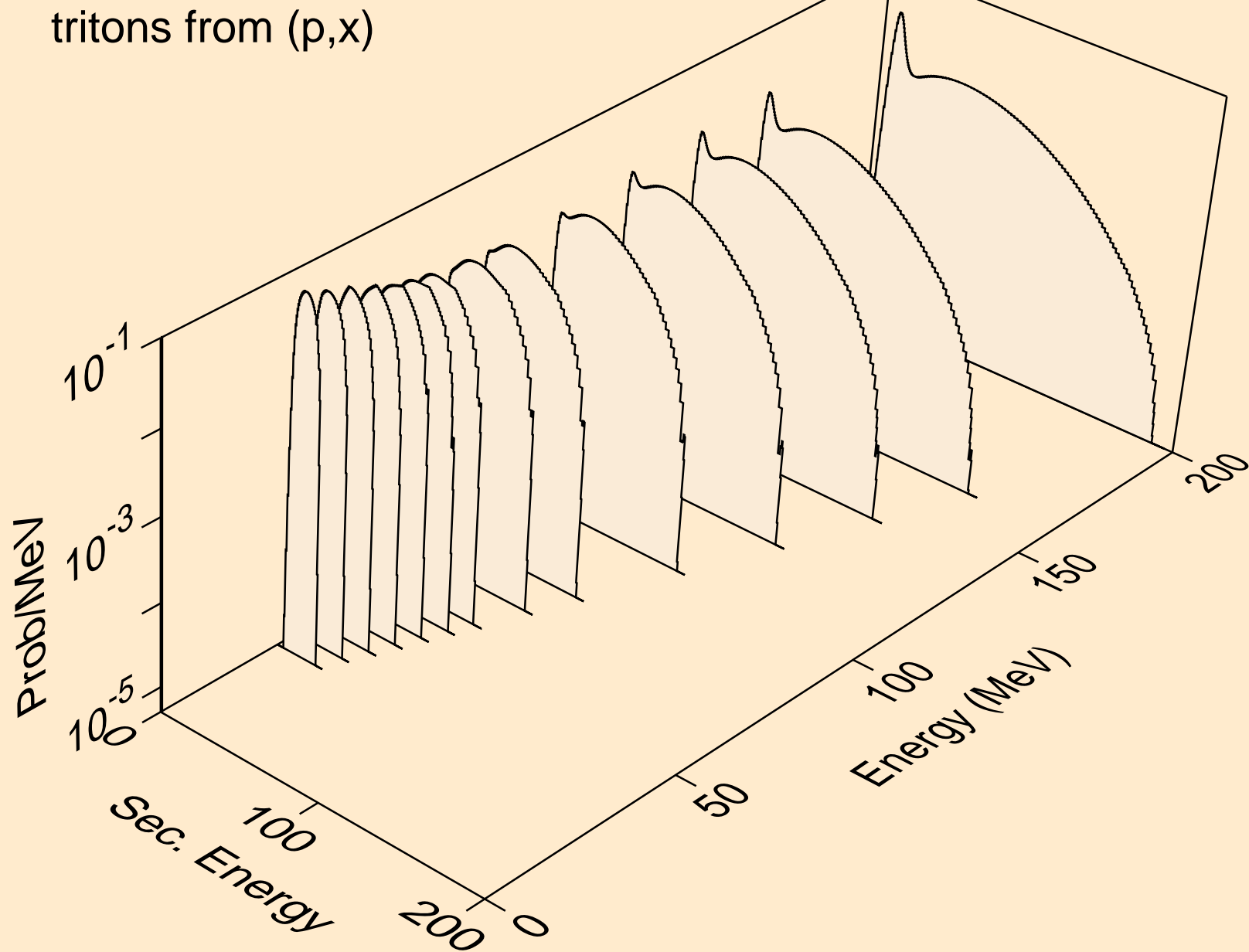
SN129 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,n\*)d



SN129 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,d)

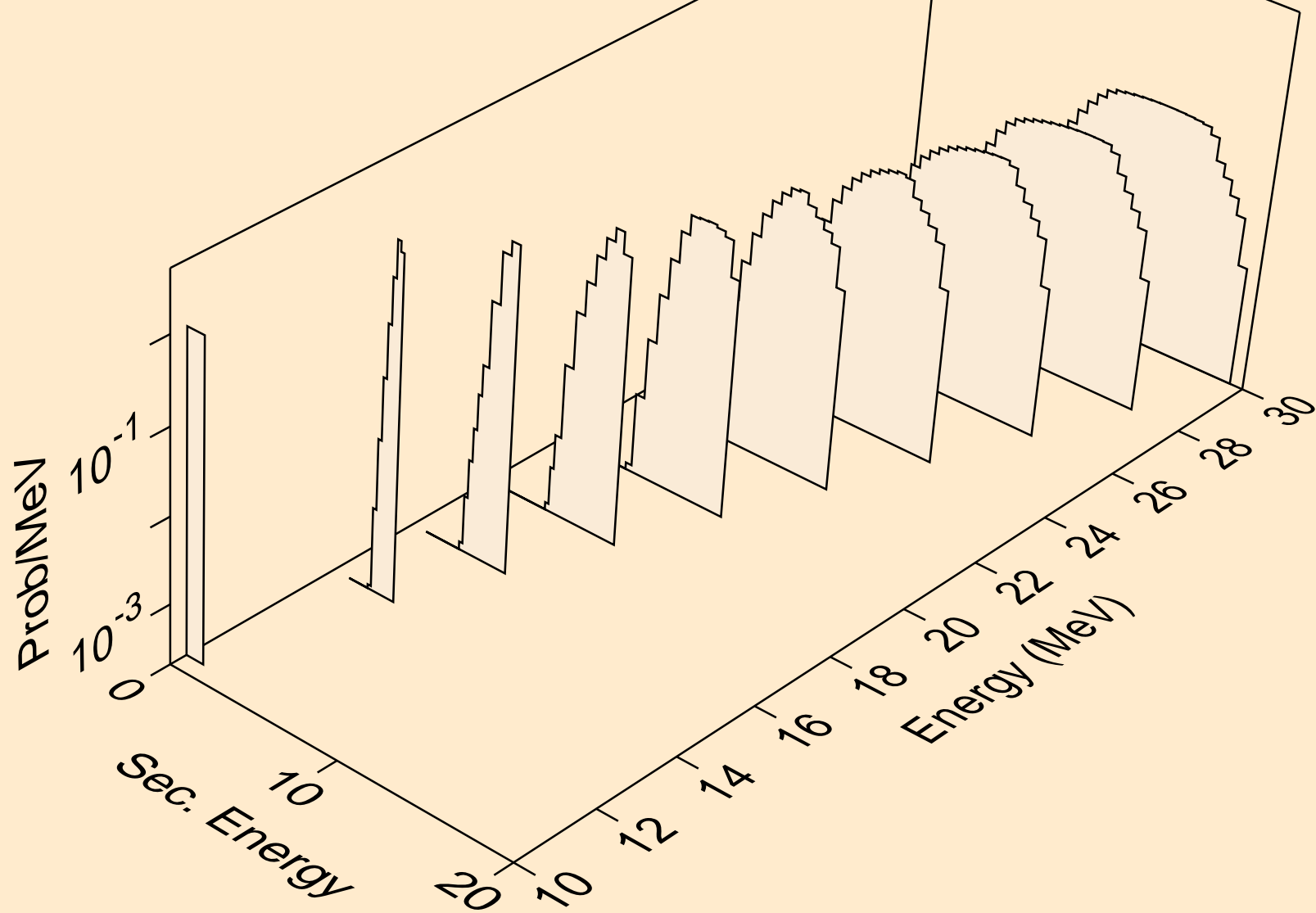


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tritons from (p,x)

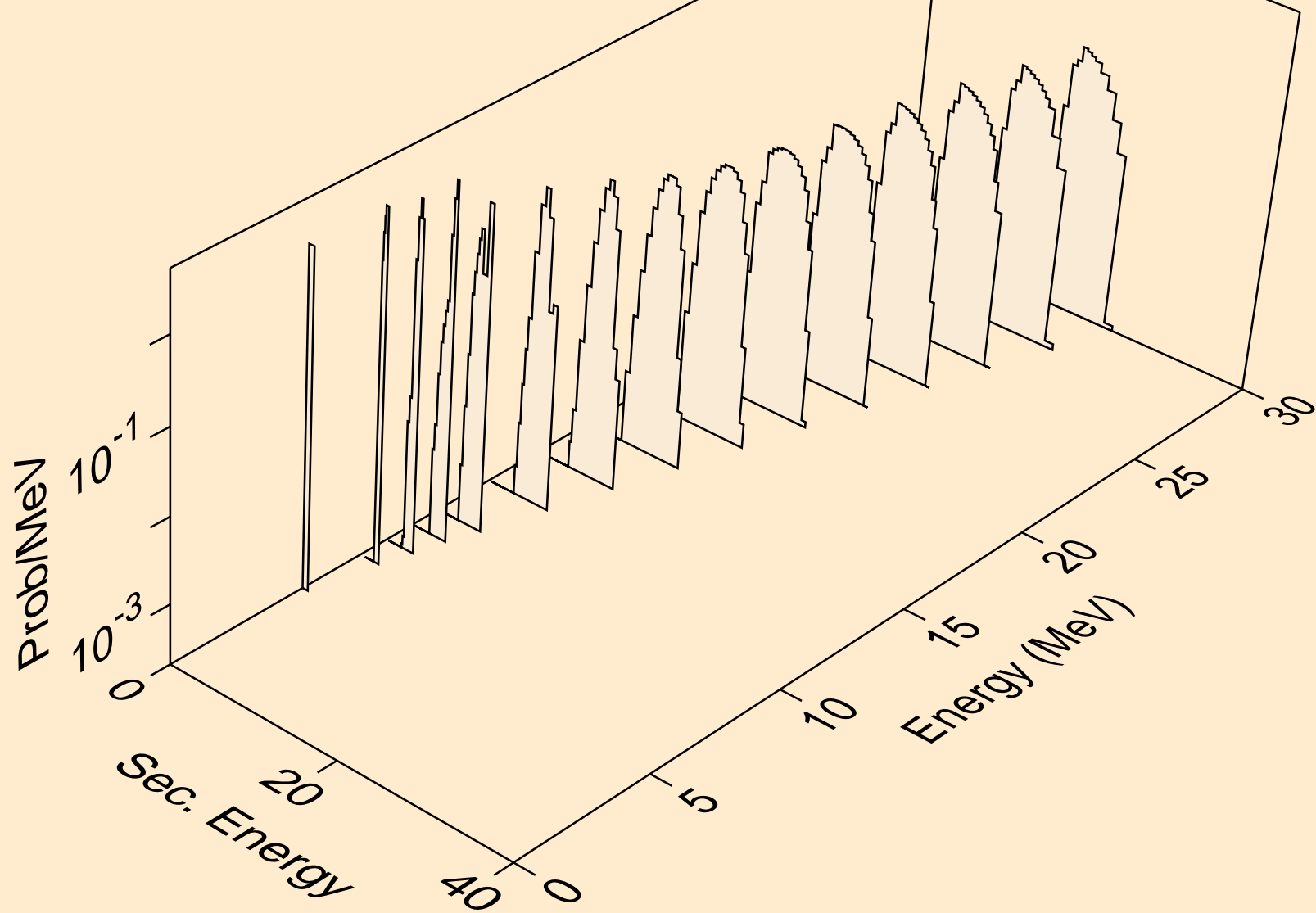




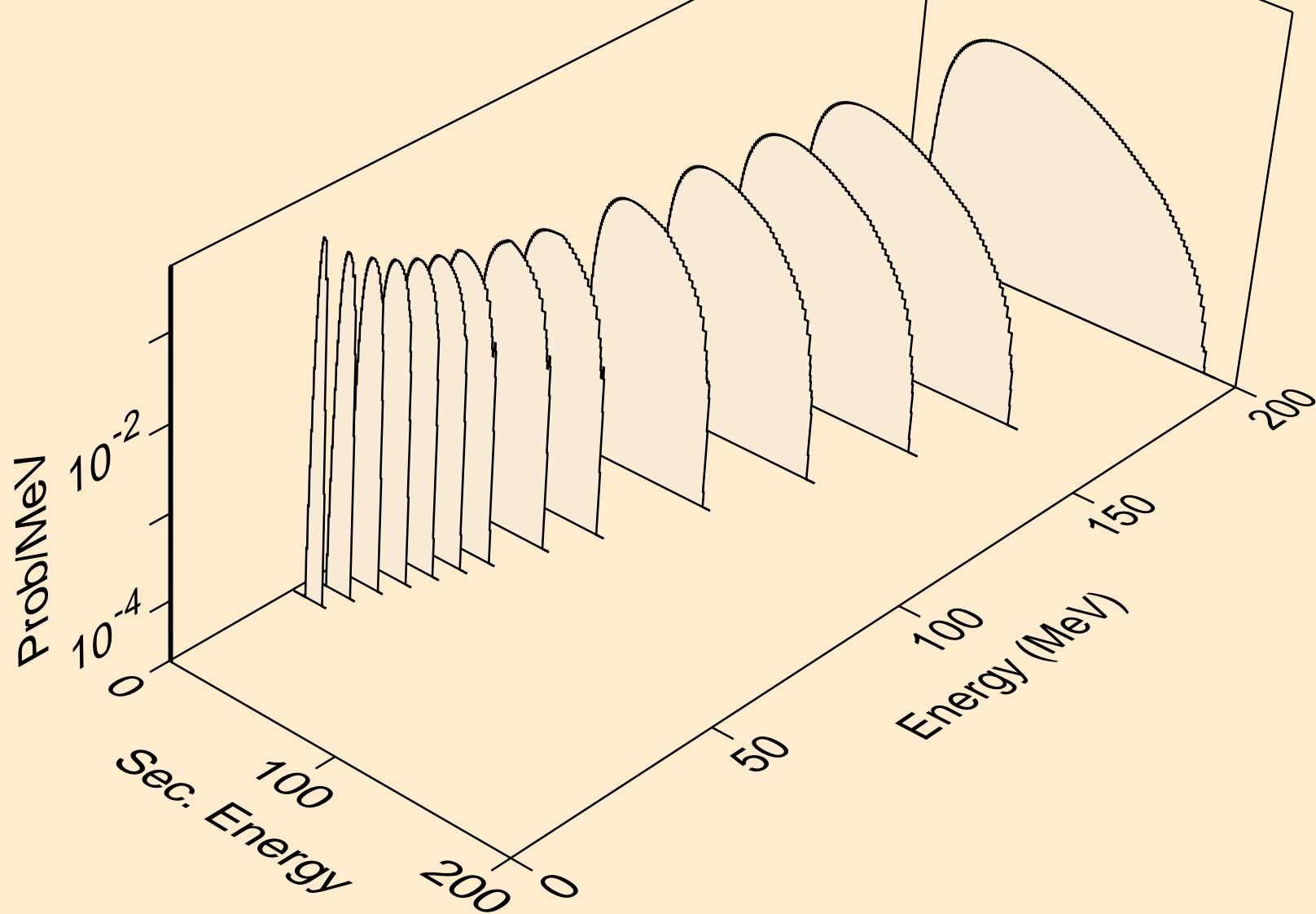
SN129 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,n\*)t



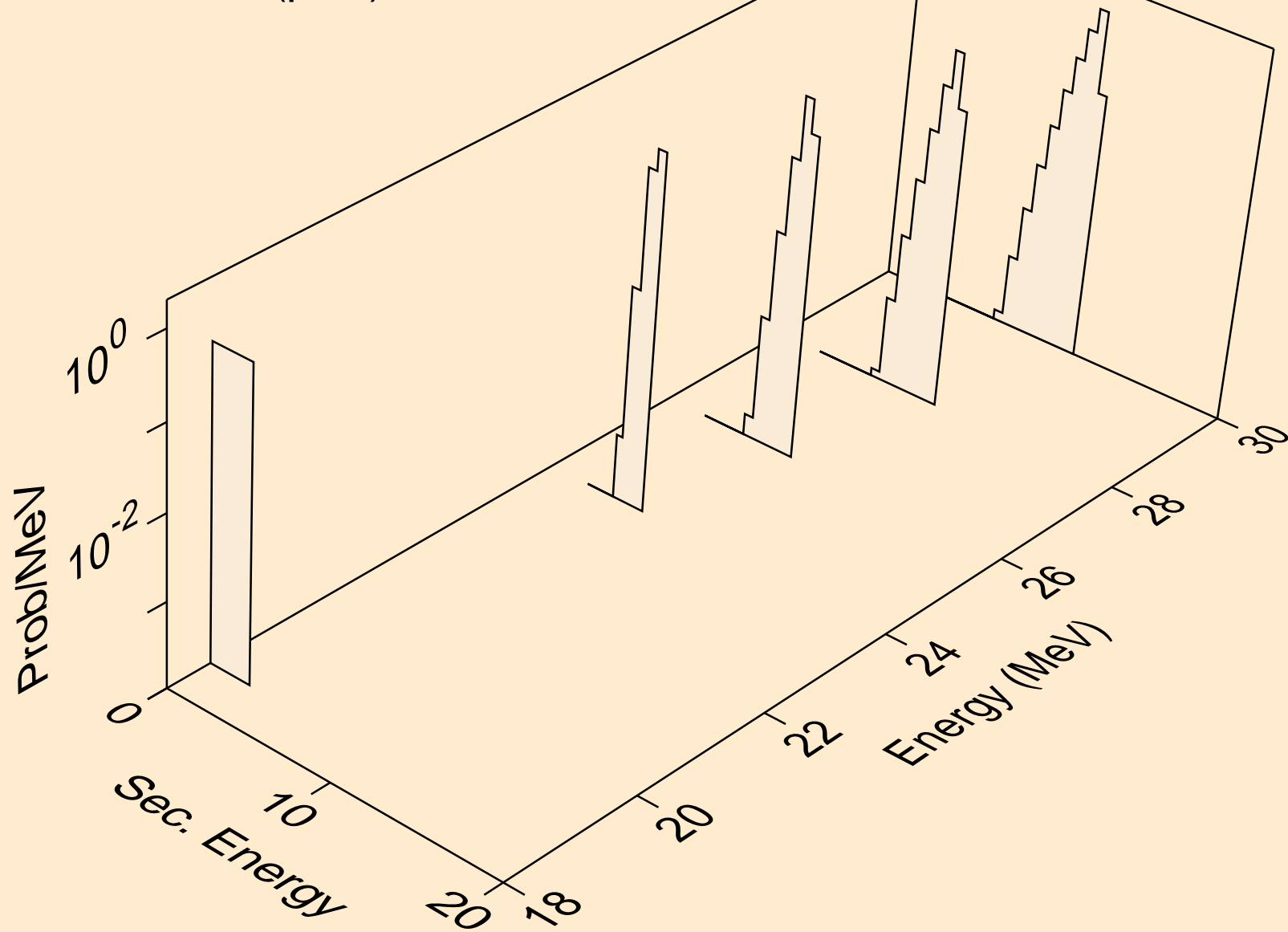
SN129 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,t)



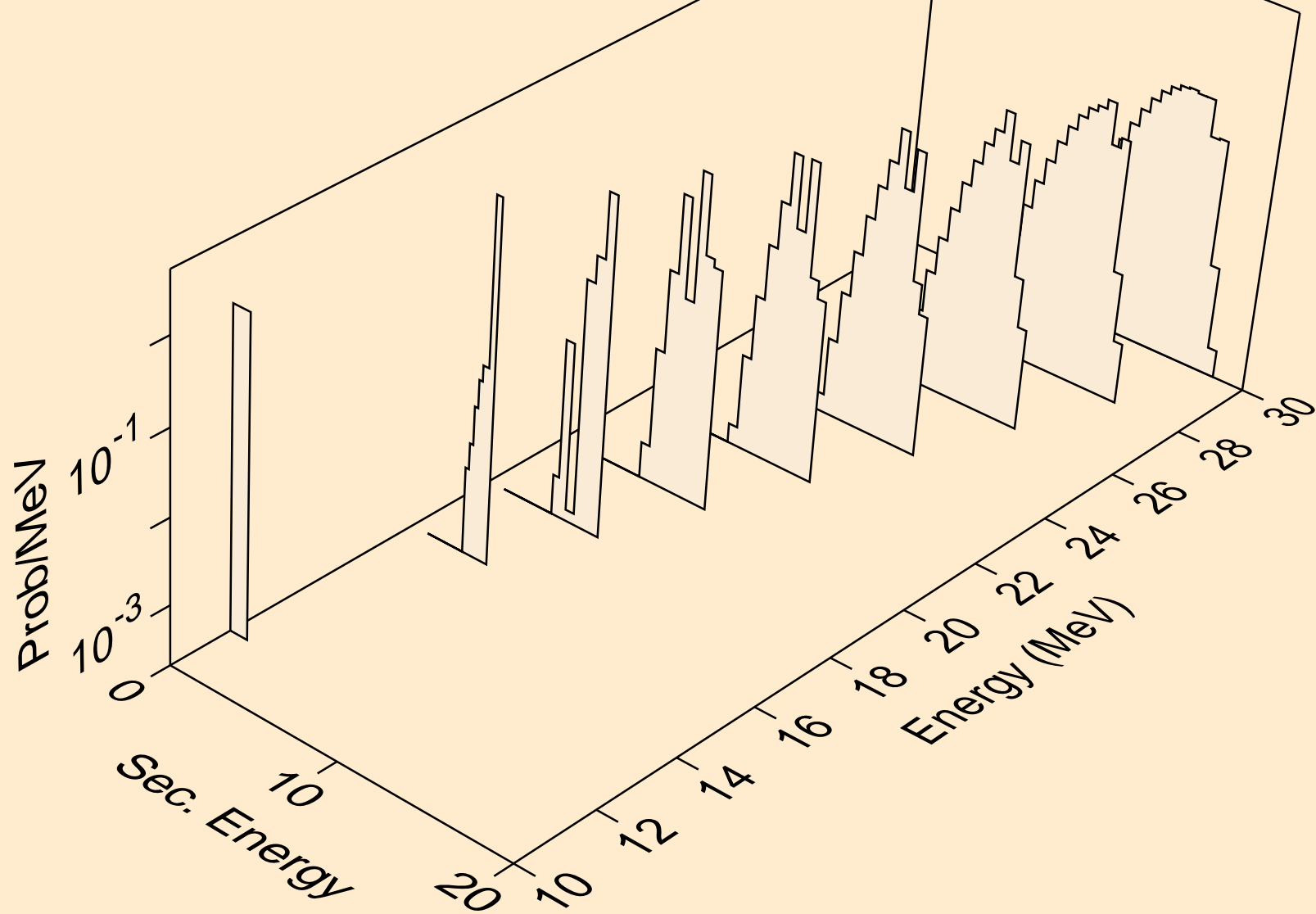
SN129 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)



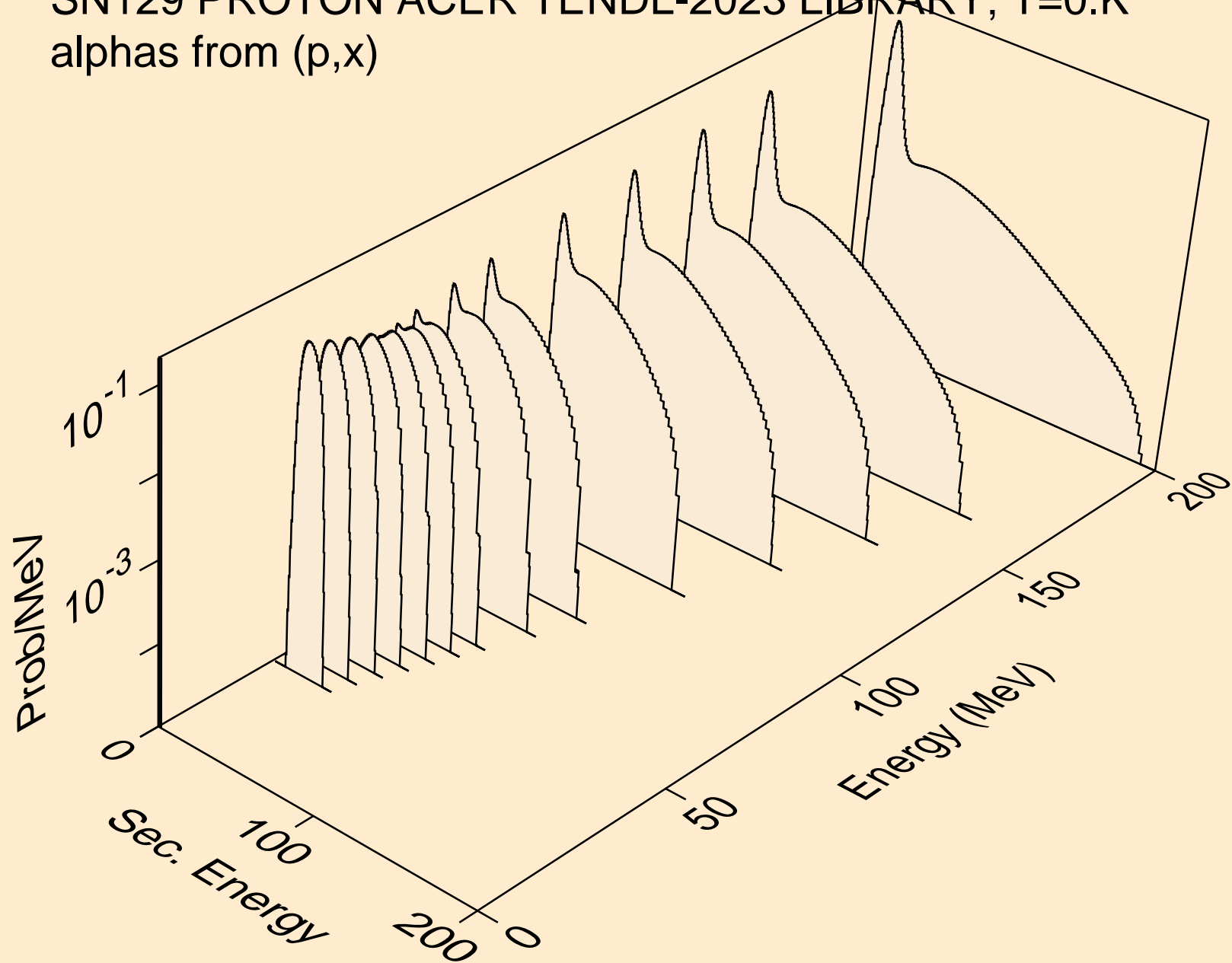
SN129 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3



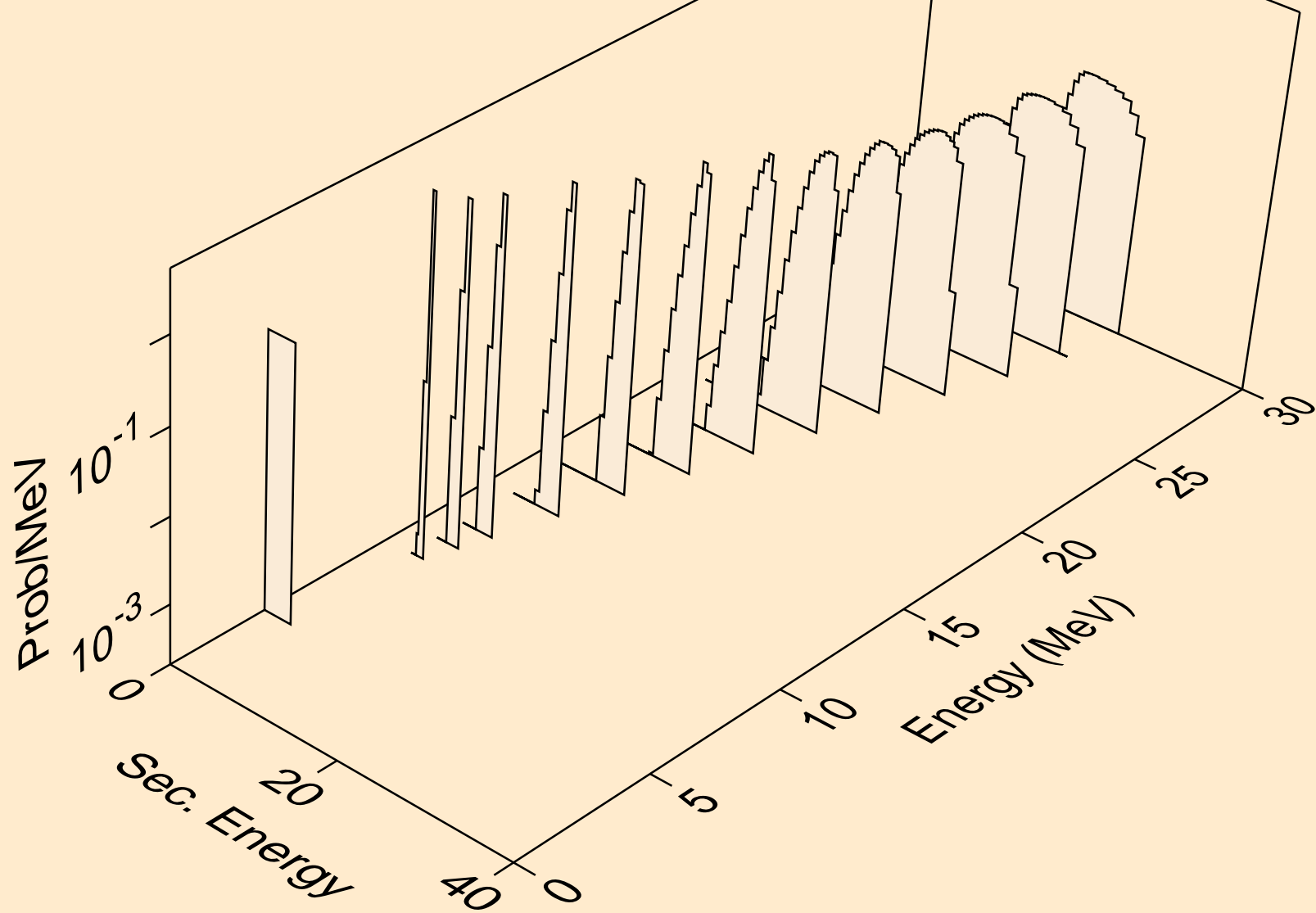
SN129 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,he3)



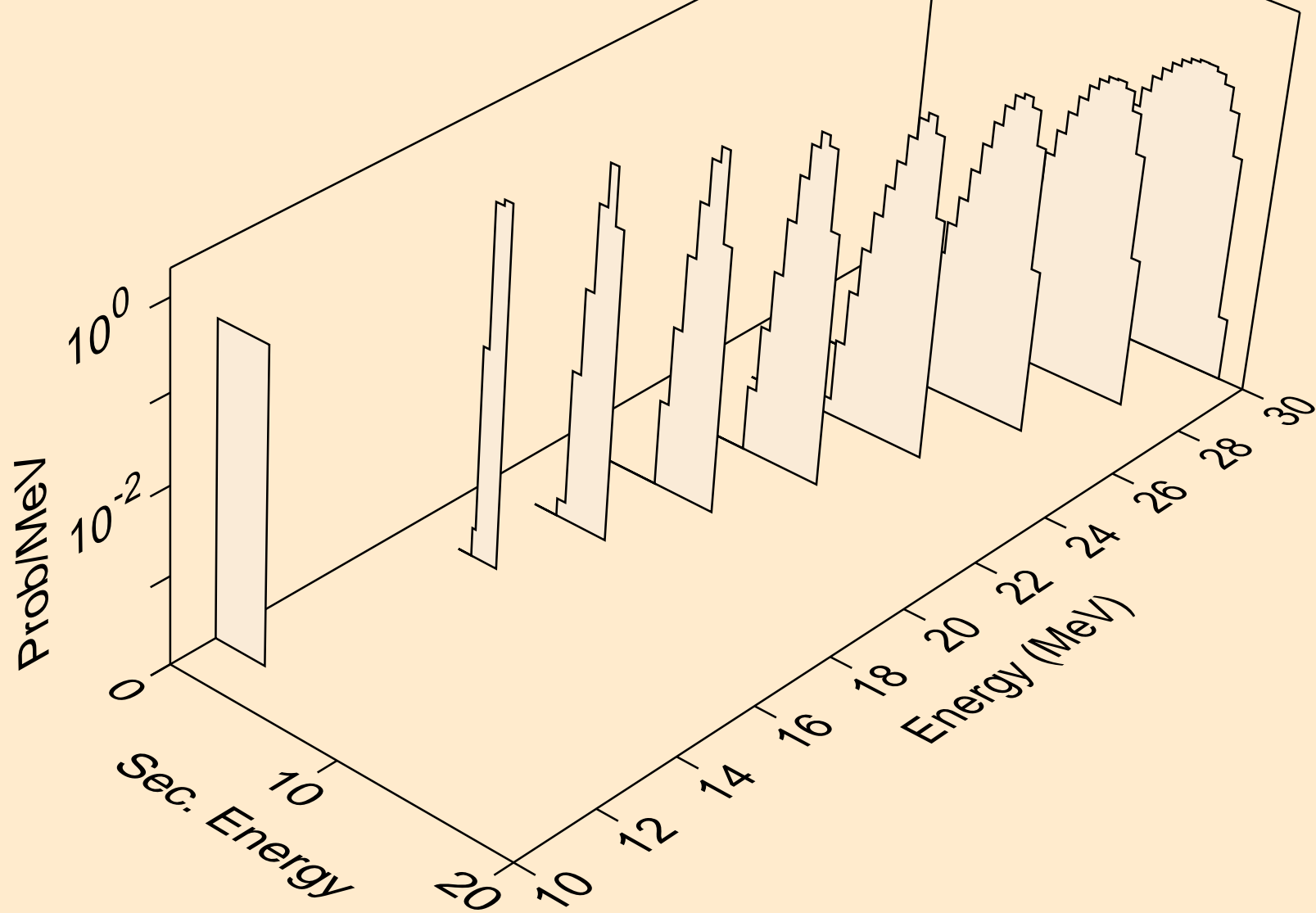
SN129 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



SN129 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a

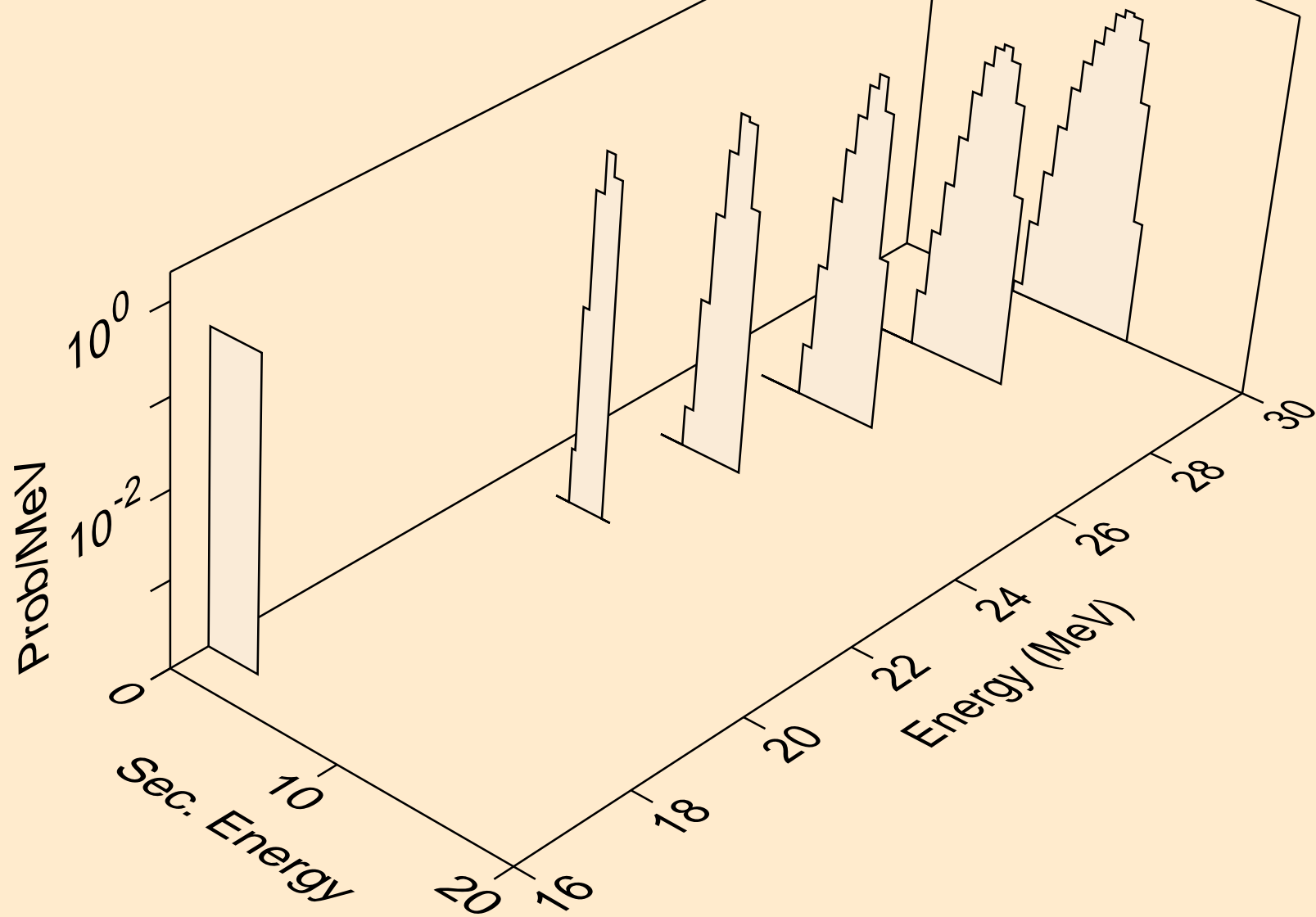


SN129 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a





SN129 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,3n)a



SN129 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)

