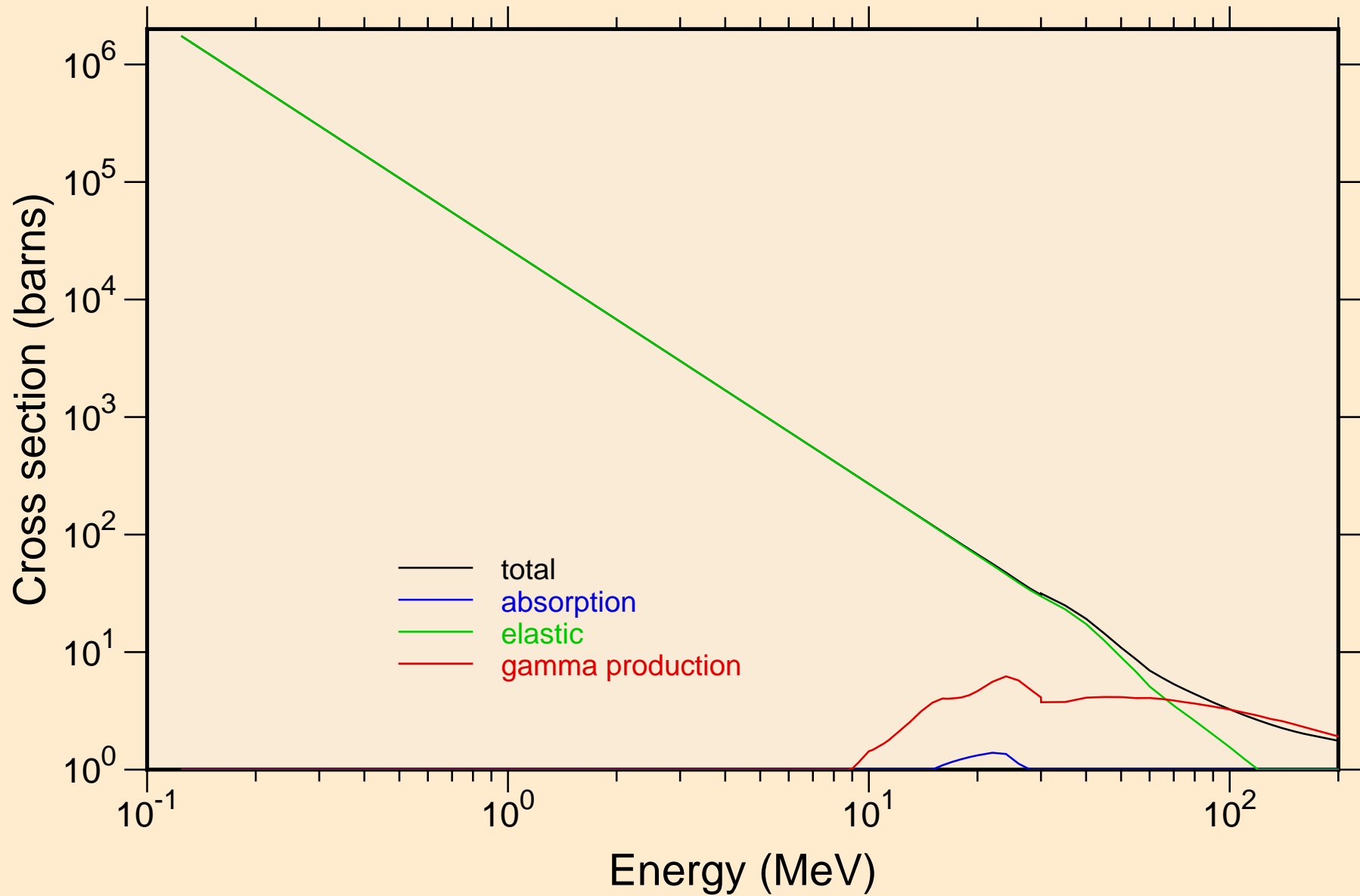


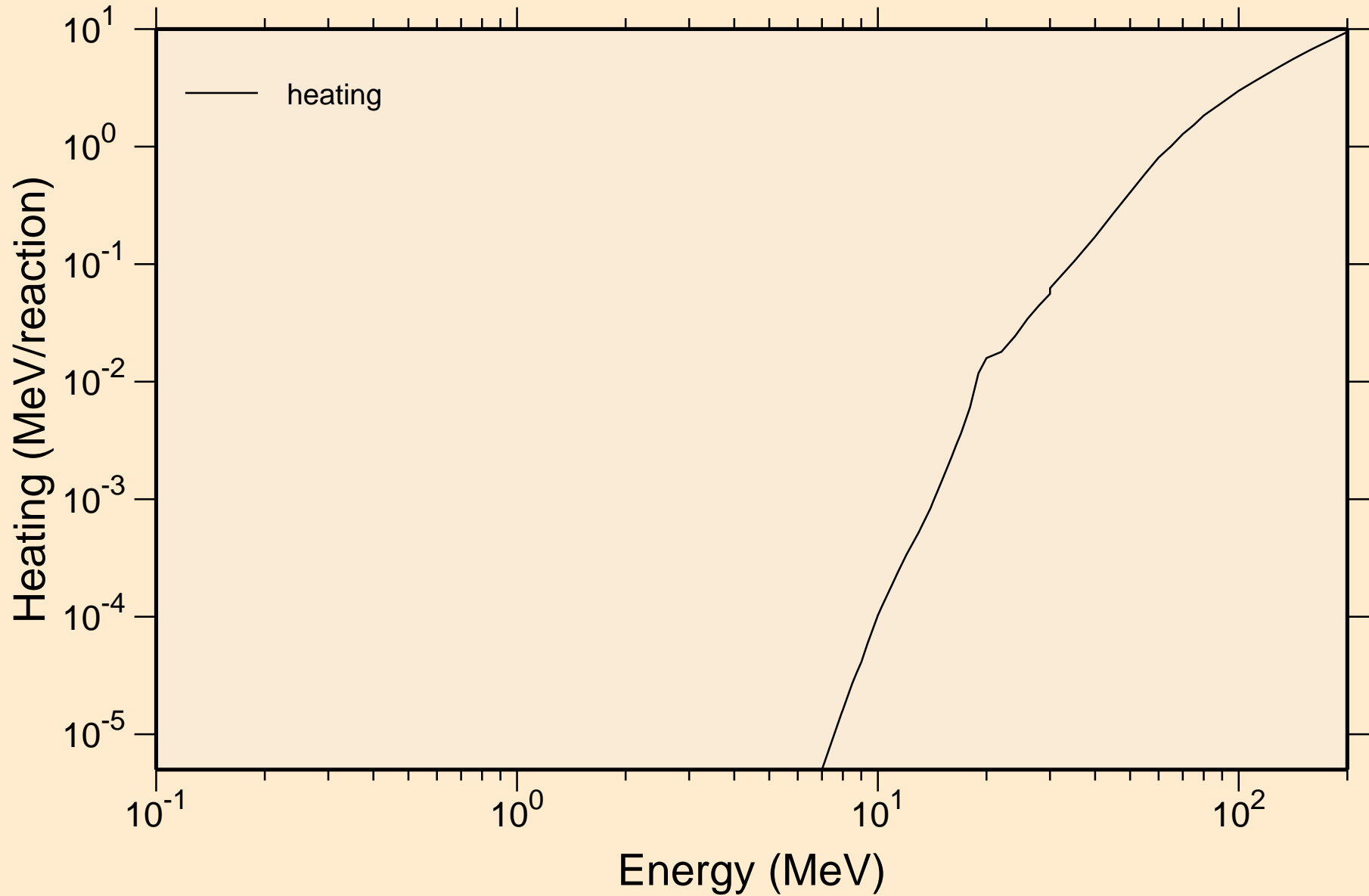
# DY172 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



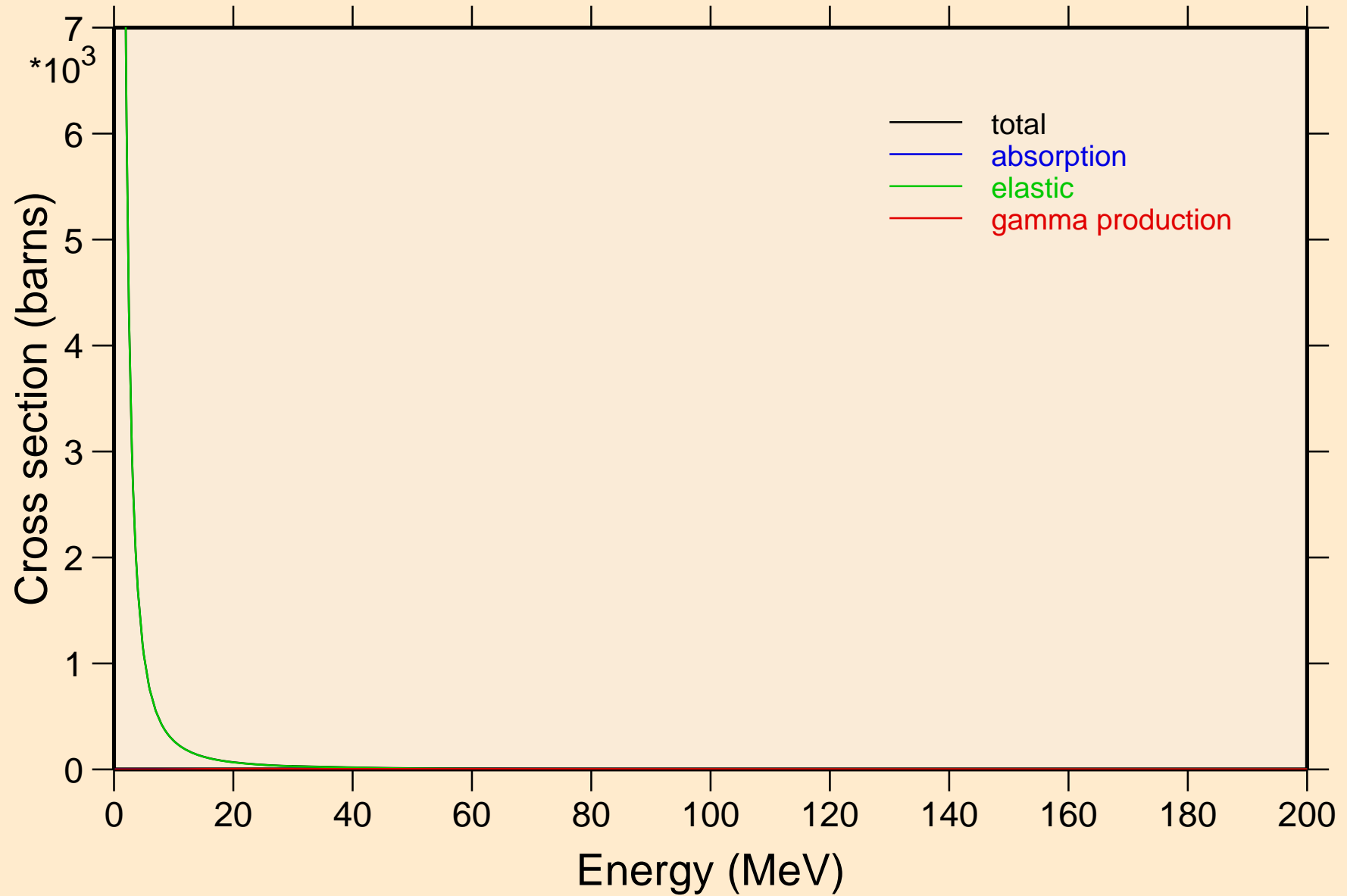
# DY172 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



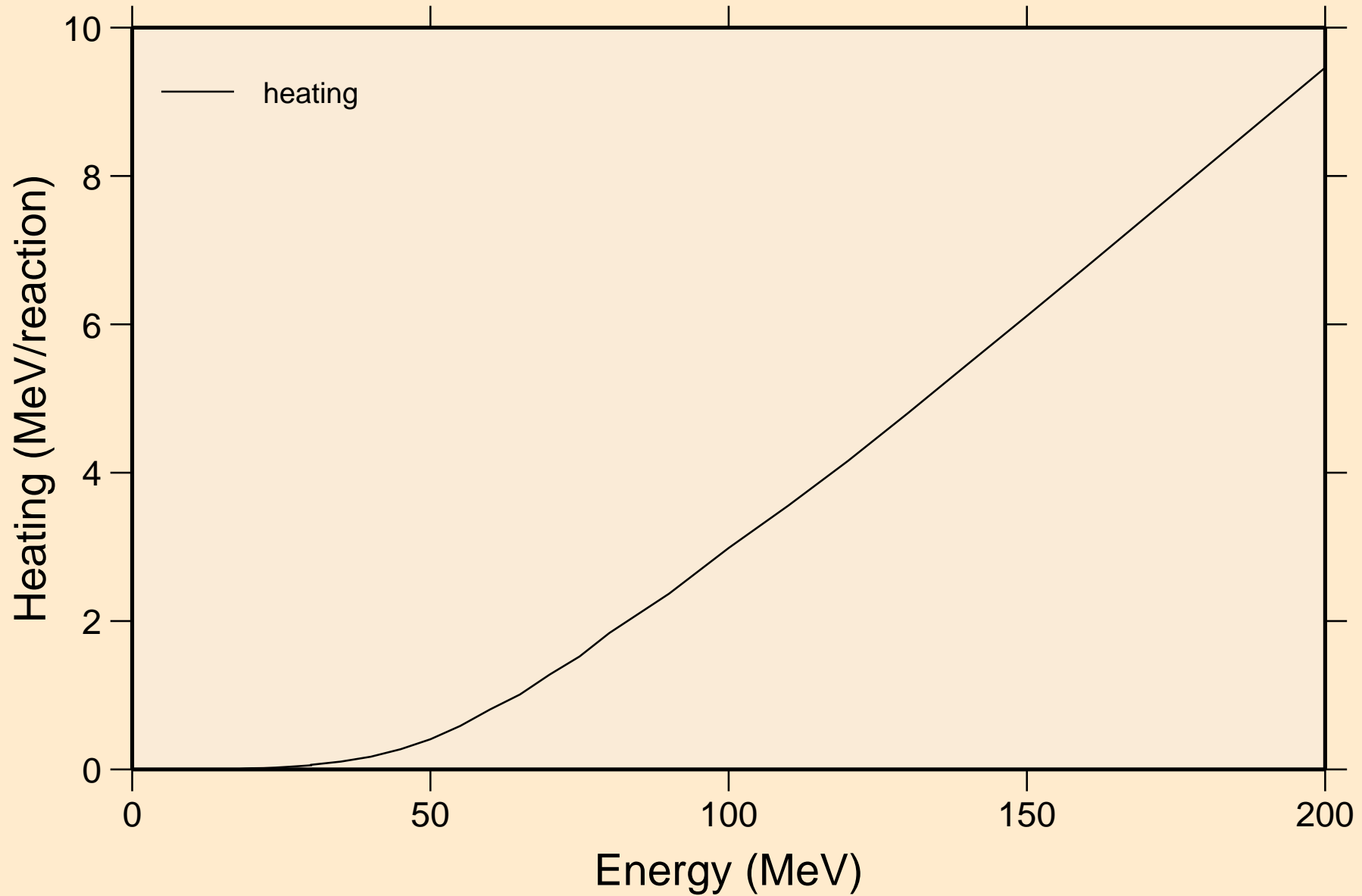
# DY172 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



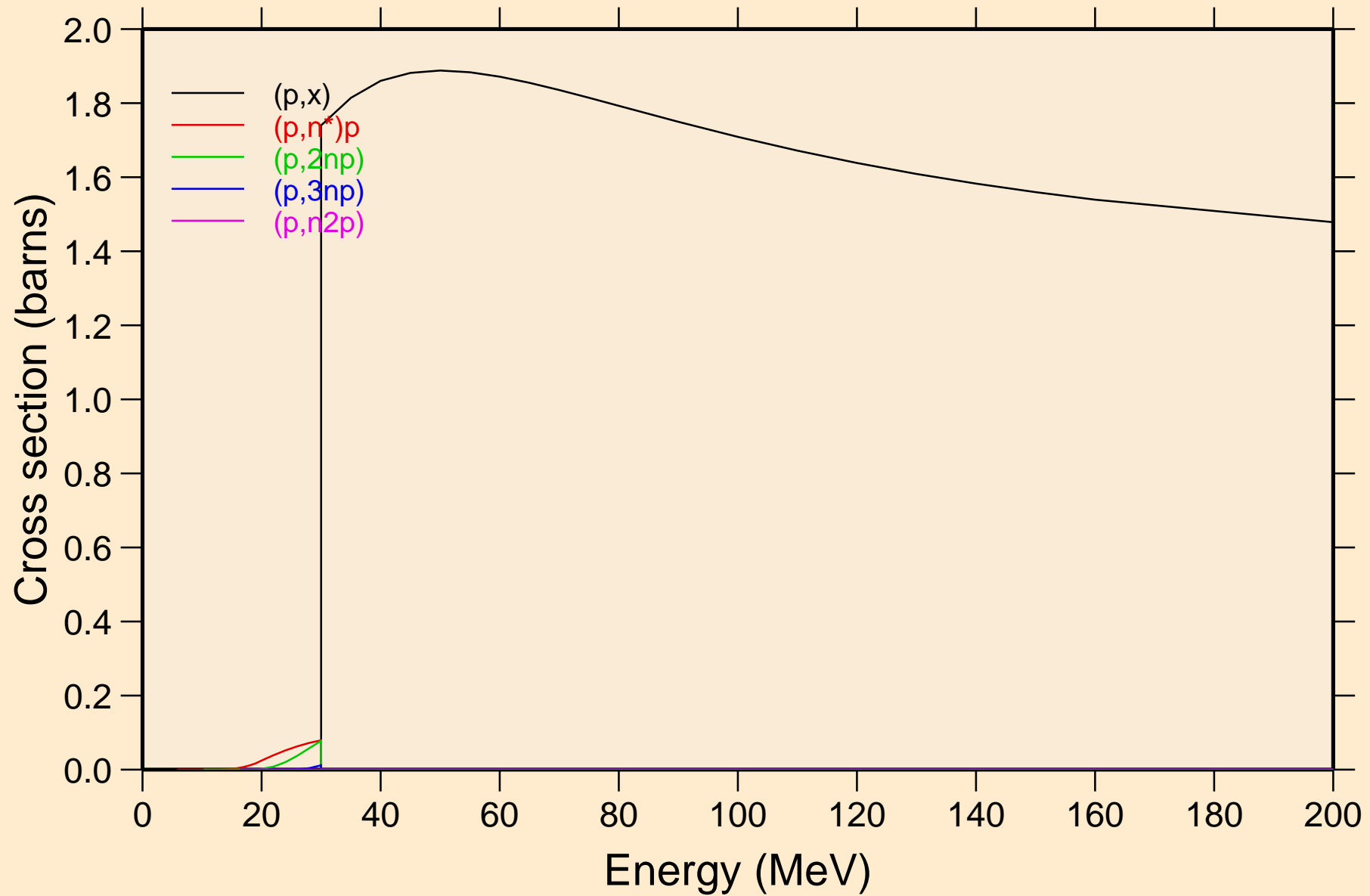
DY172 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Heating

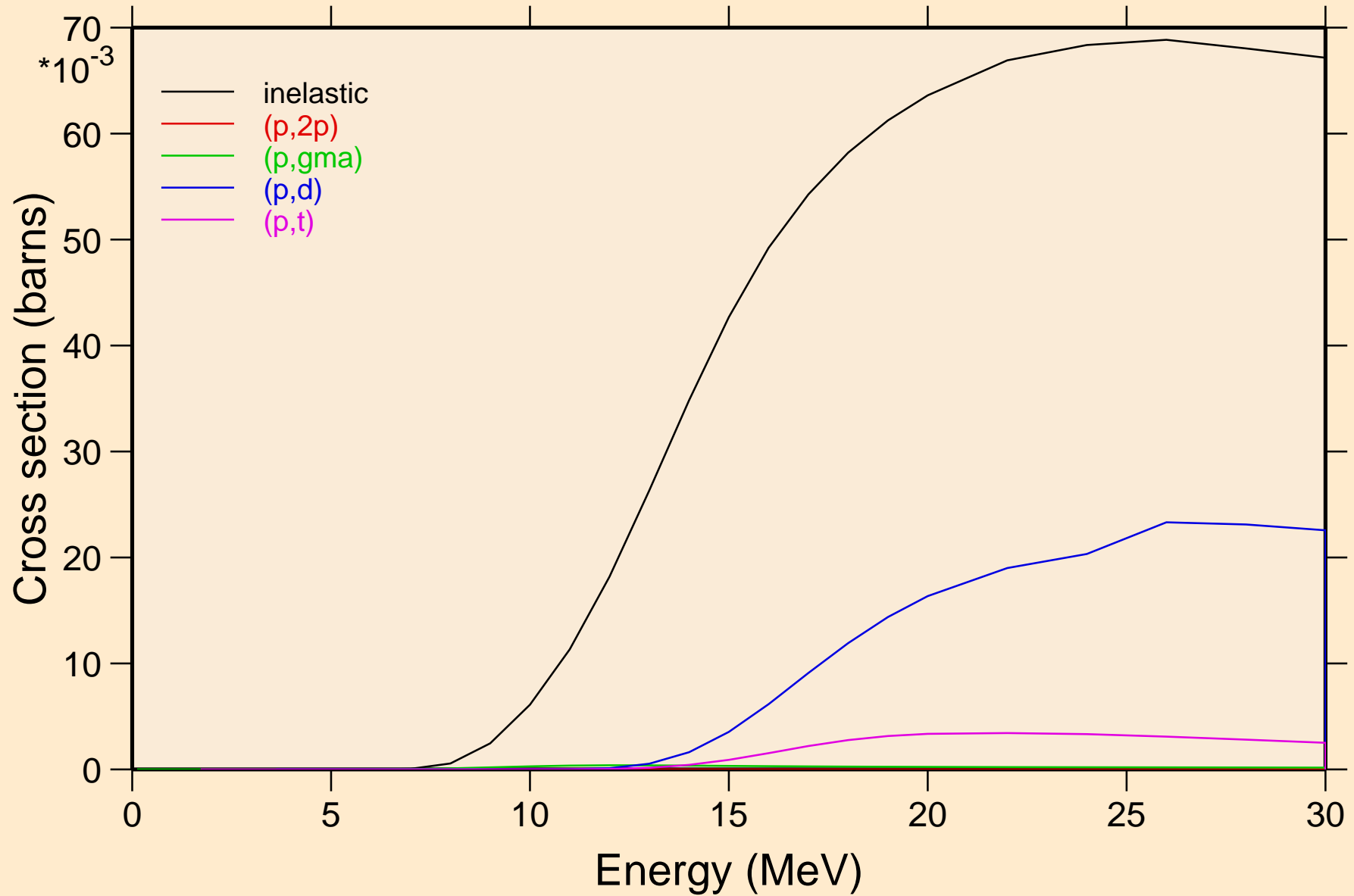


# DY172 PROTON ACER TENDL-2023 LIBRARY; T=0.K

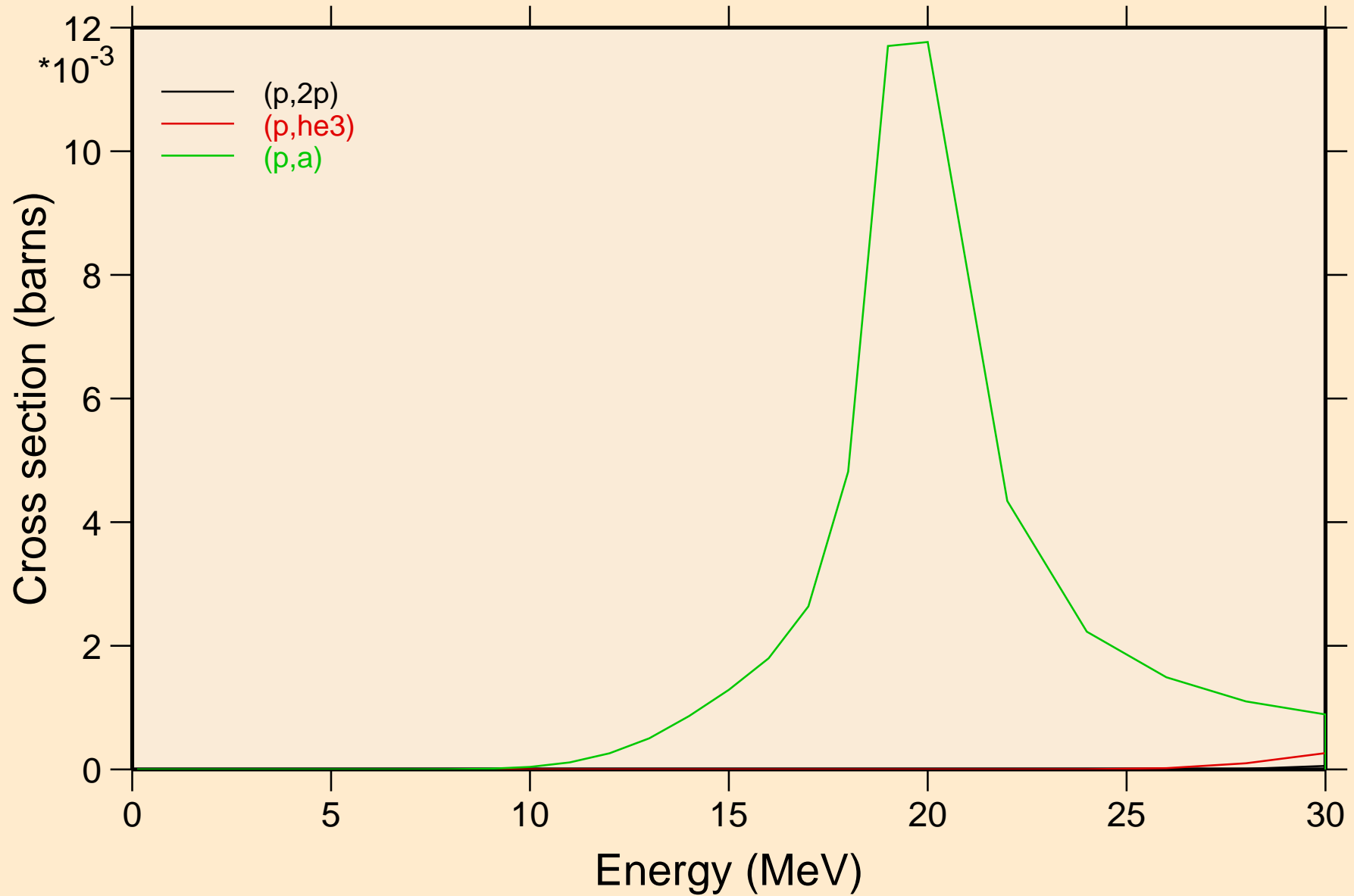
## Threshold reactions



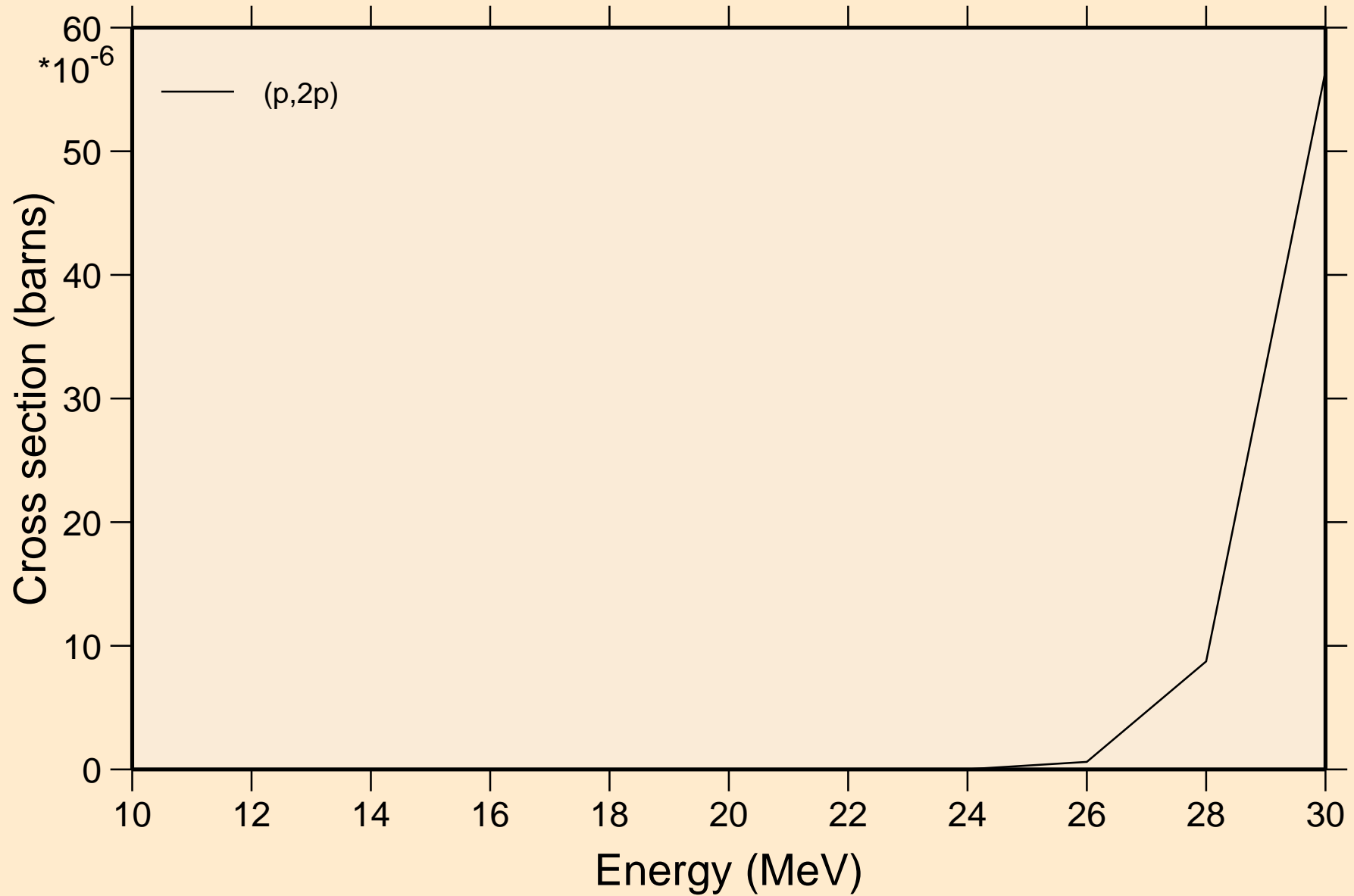
DY172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



DY172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

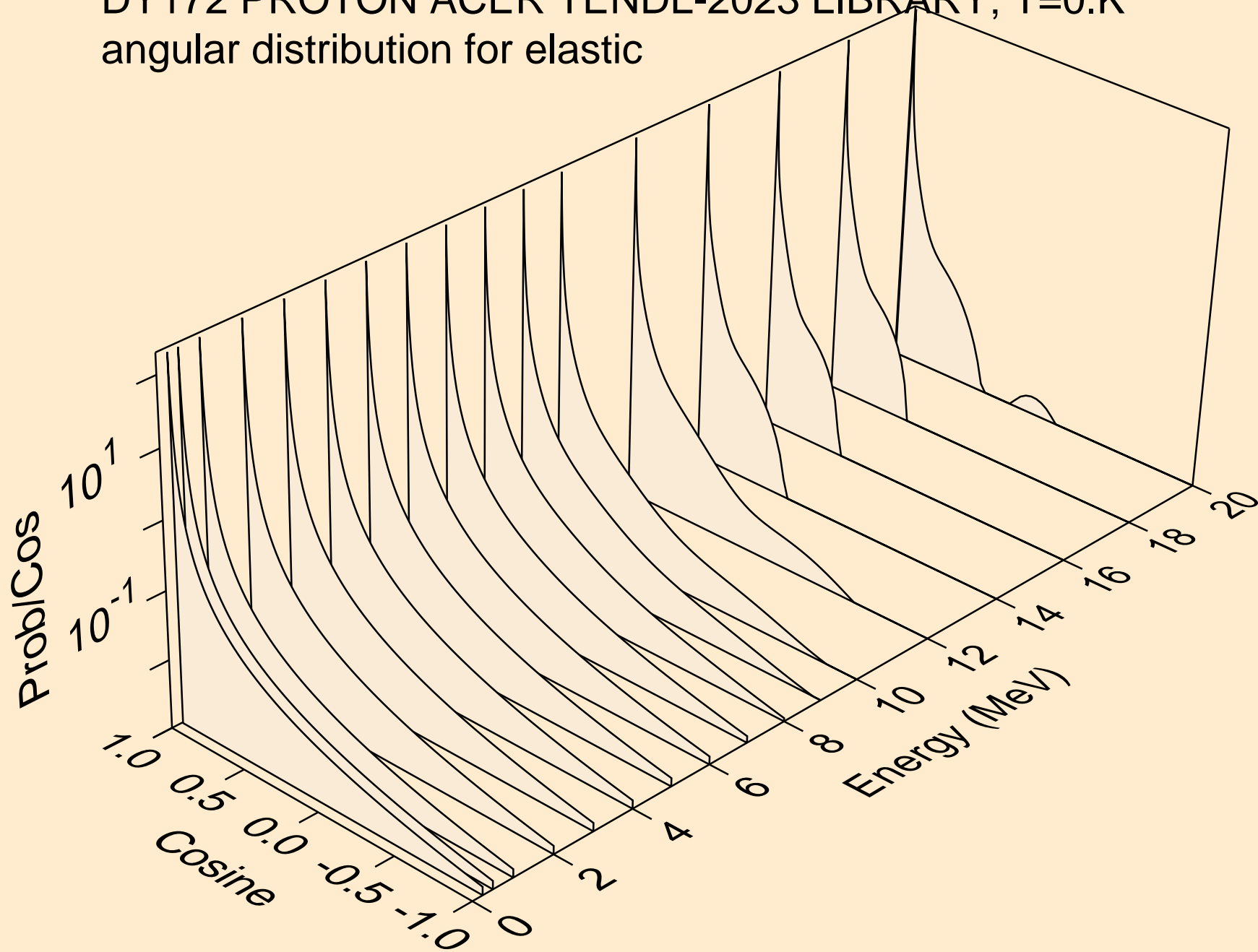


DY172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

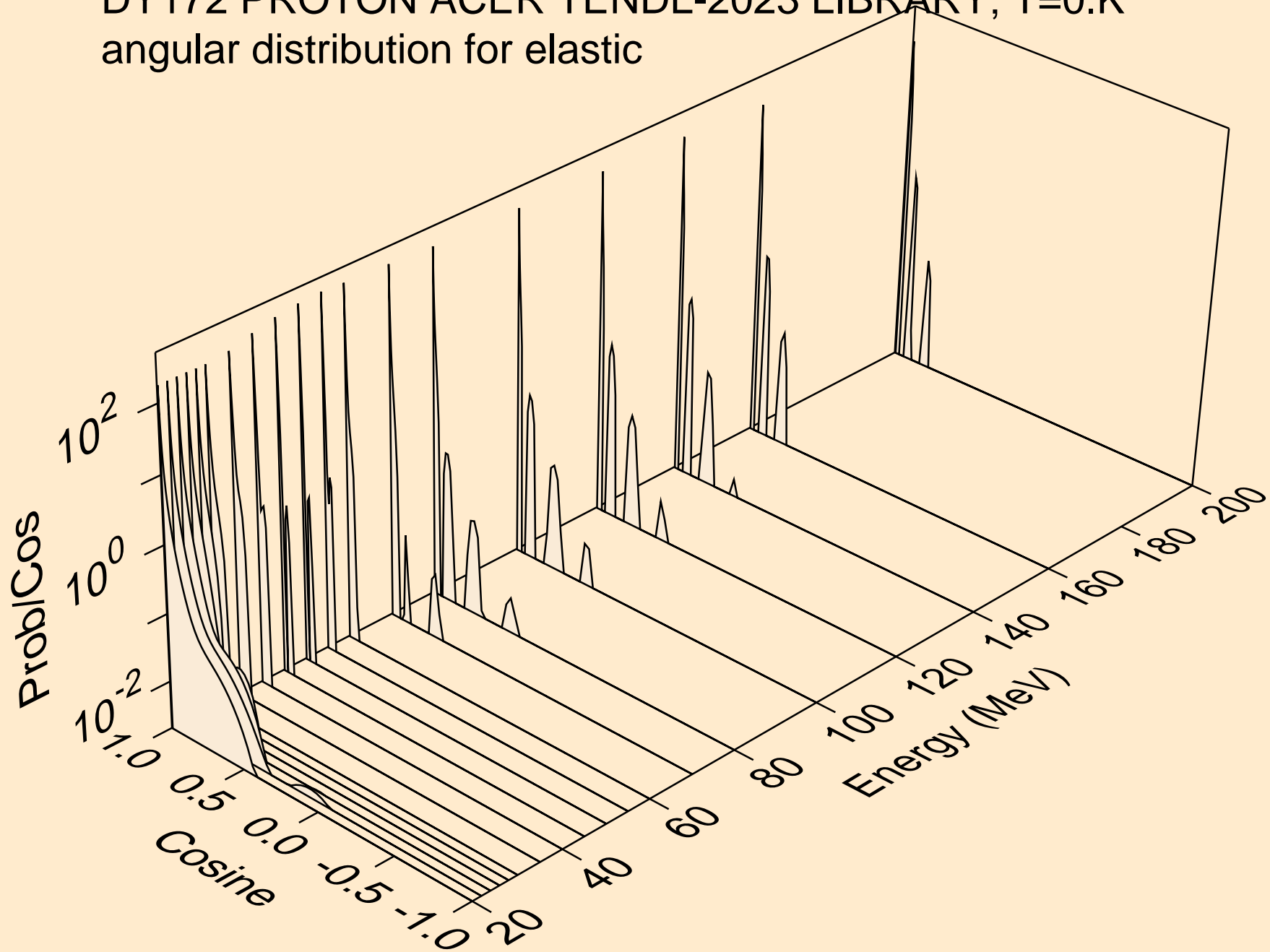




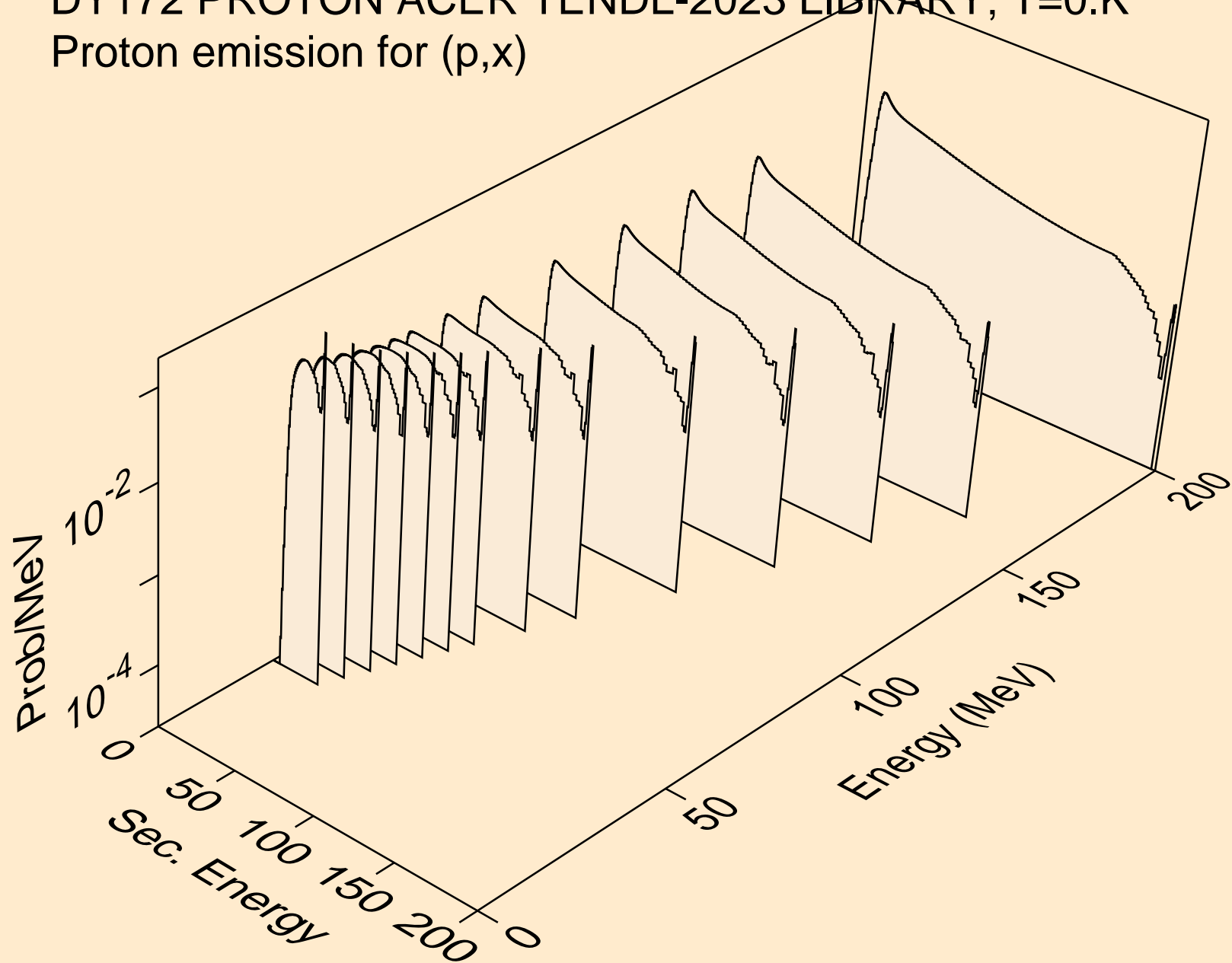
DY172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



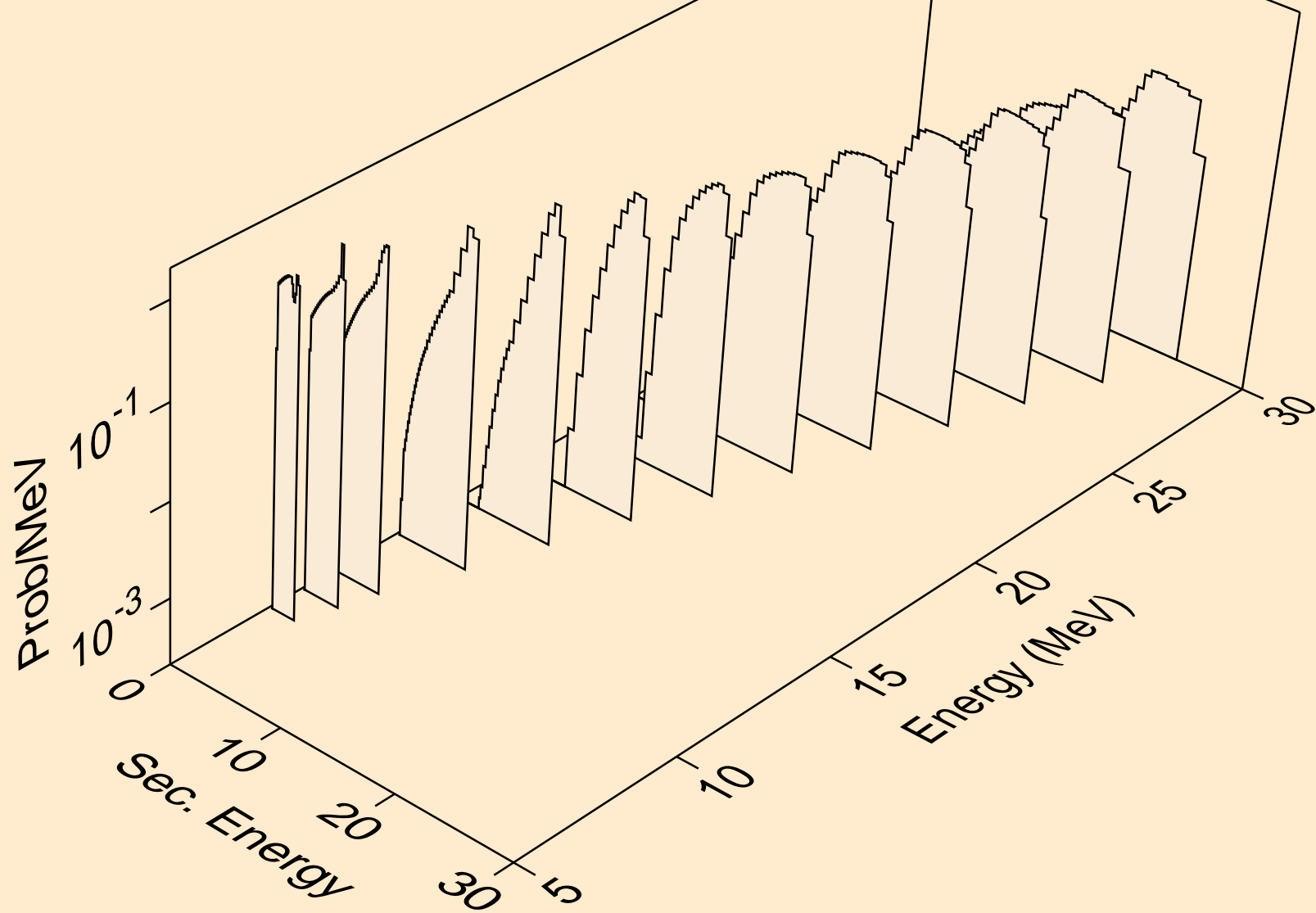
DY172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



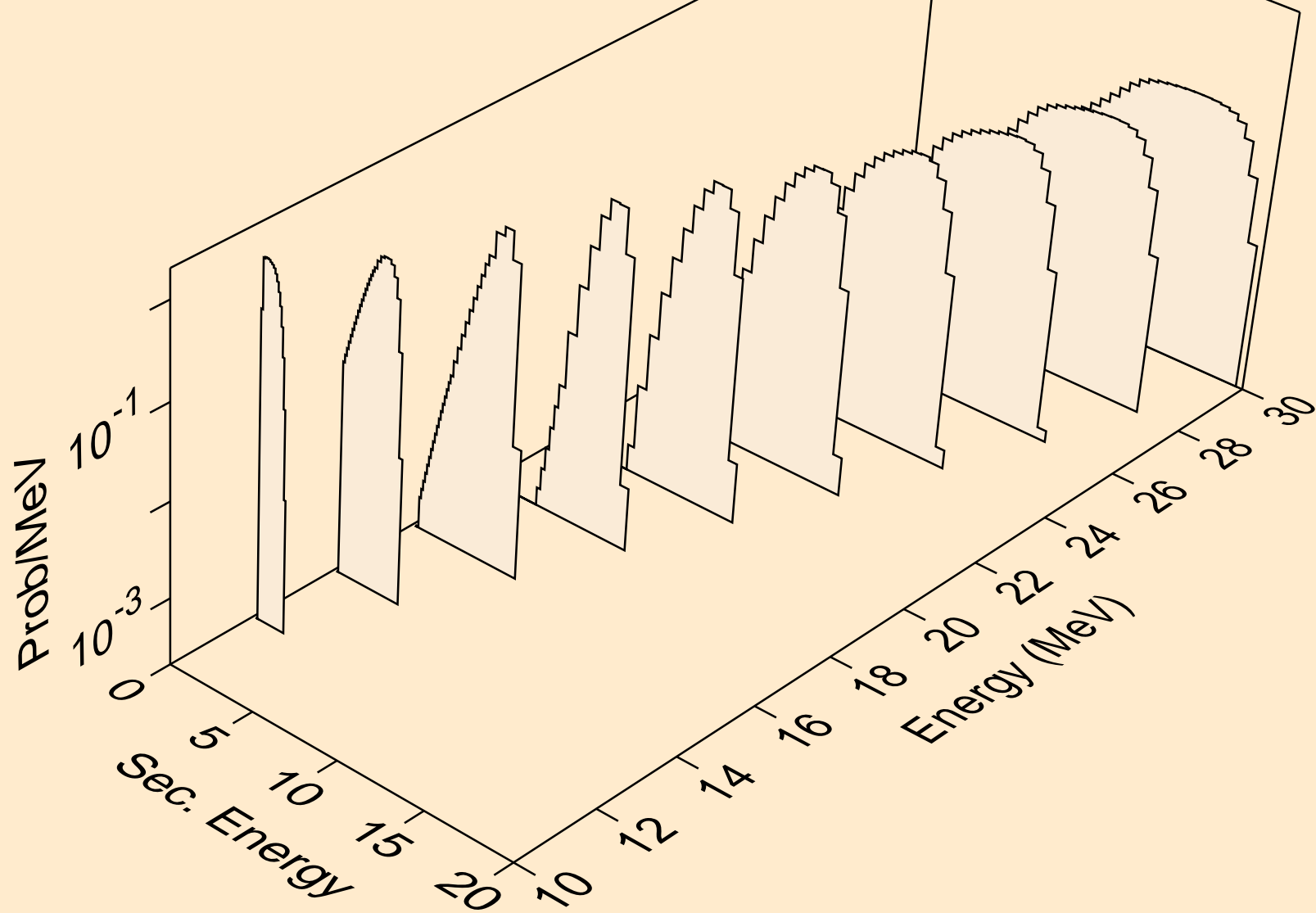
DY172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



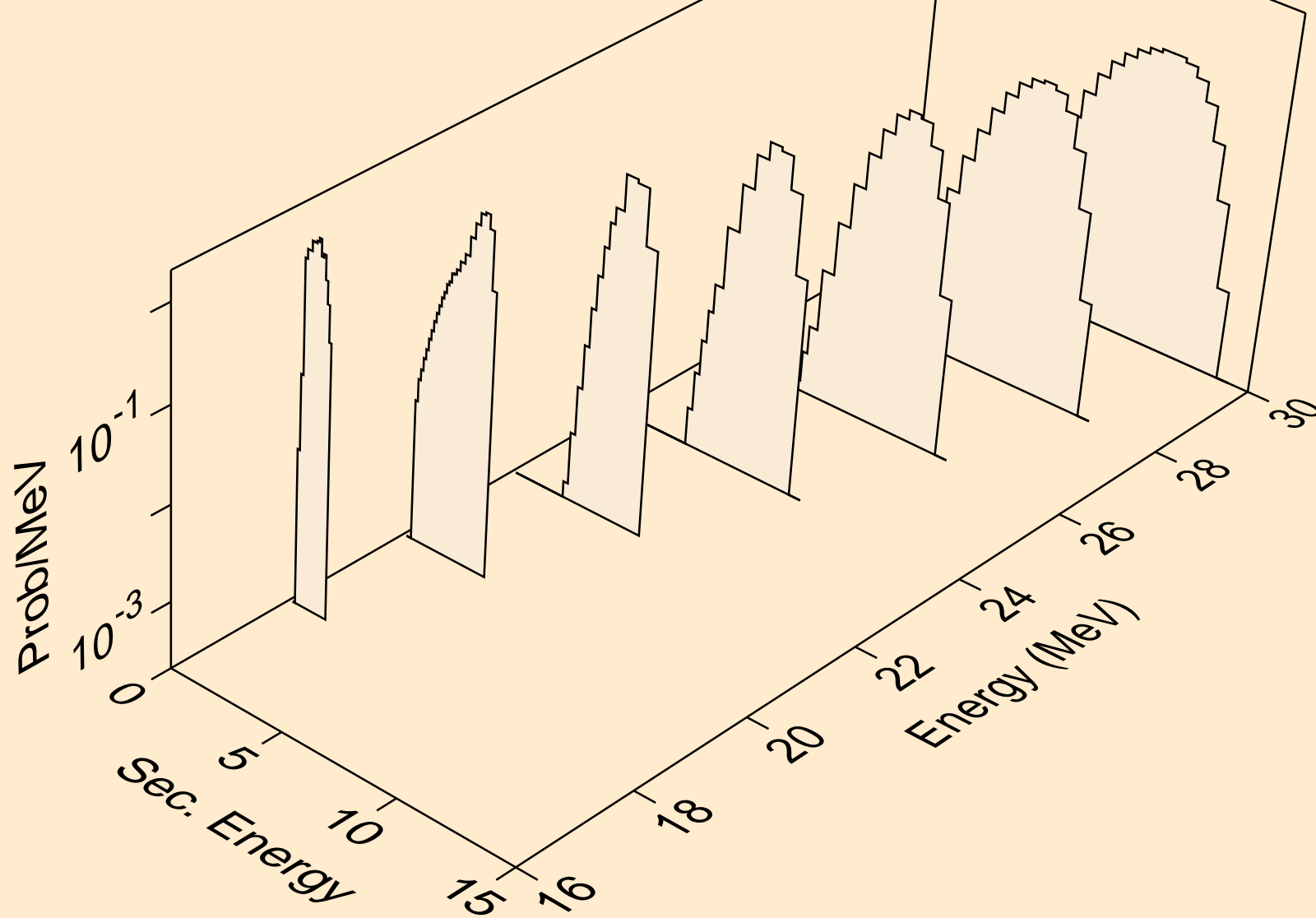
DY172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



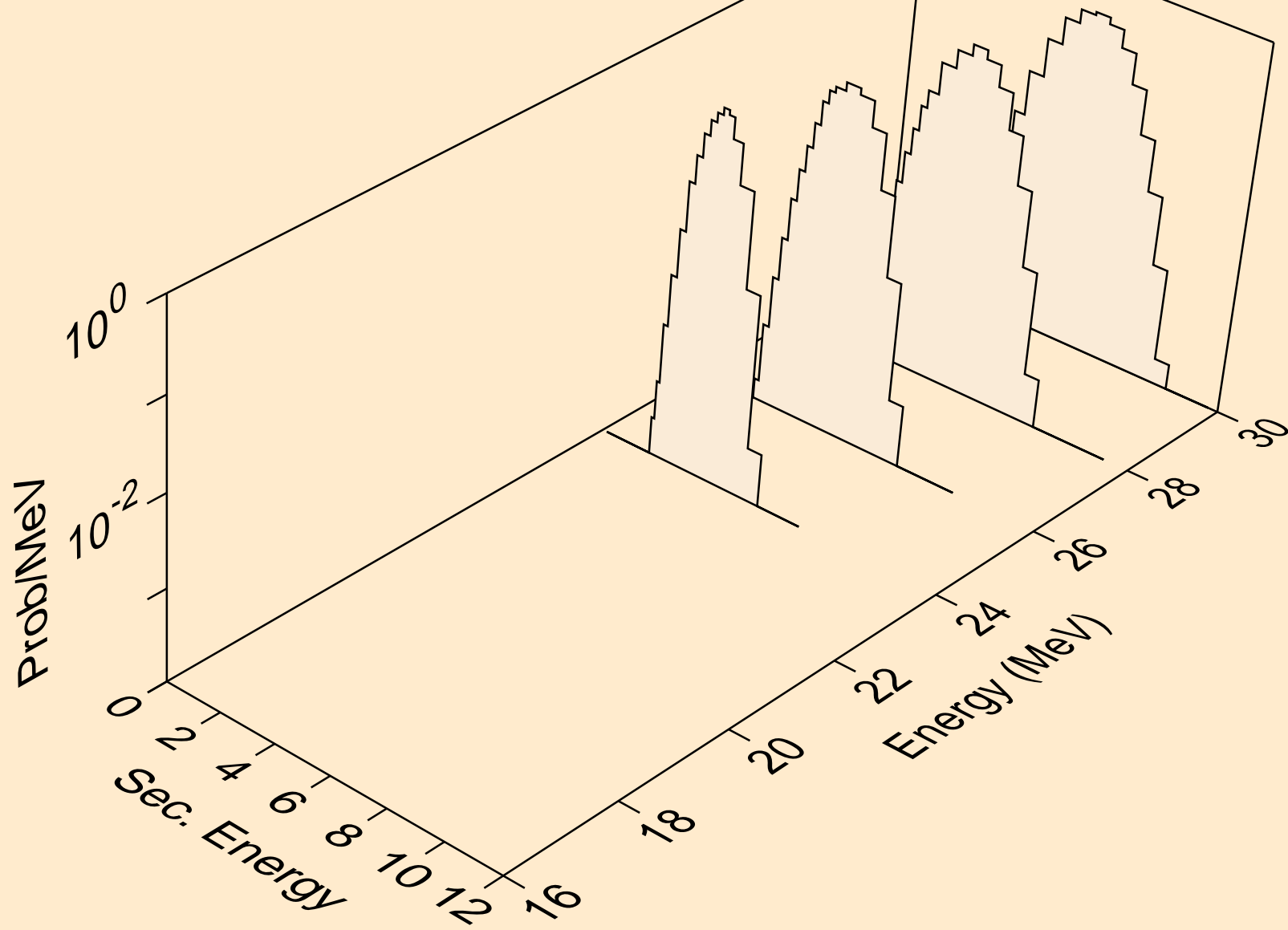
DY172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



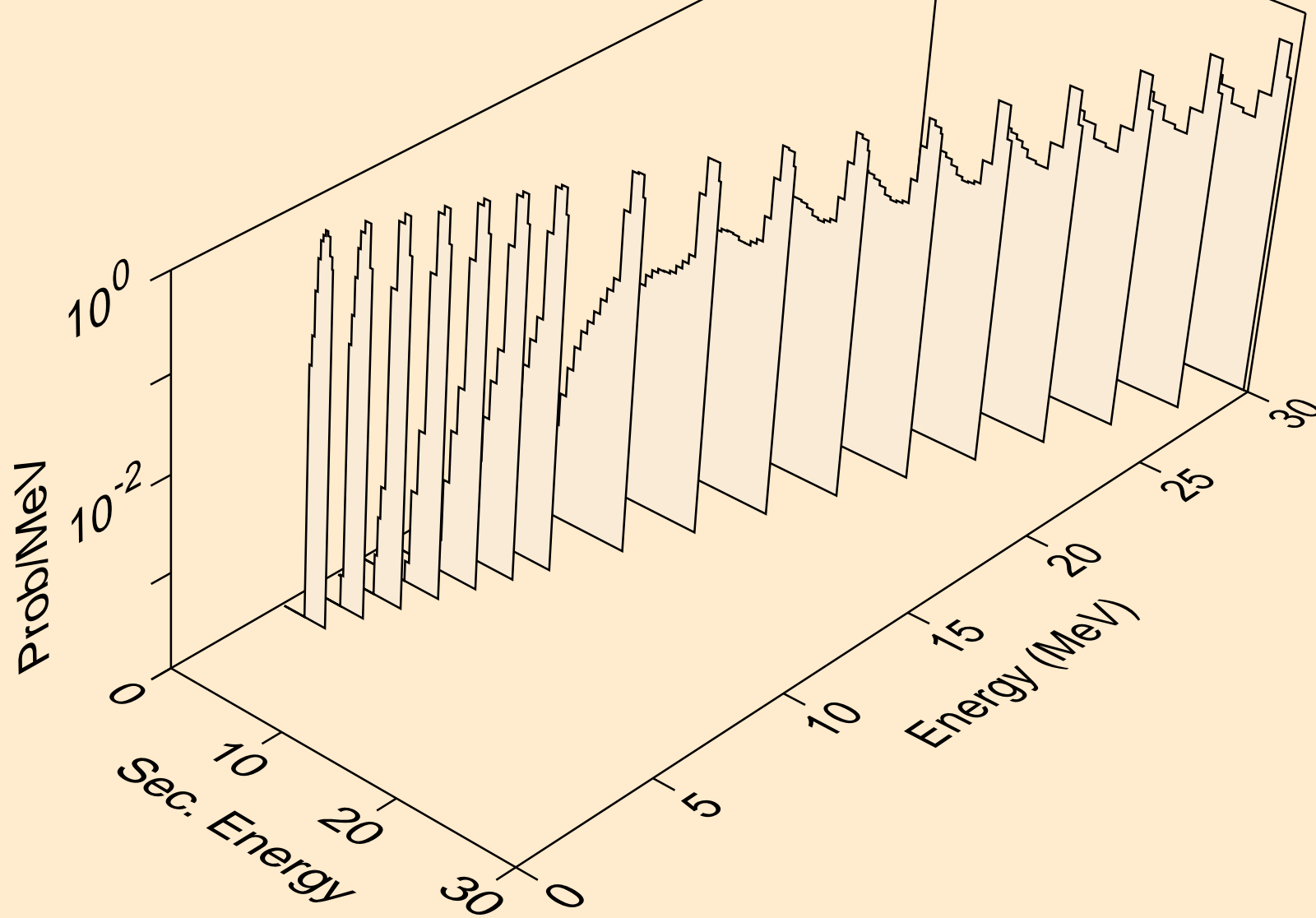
DY172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,3np)



DY172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)

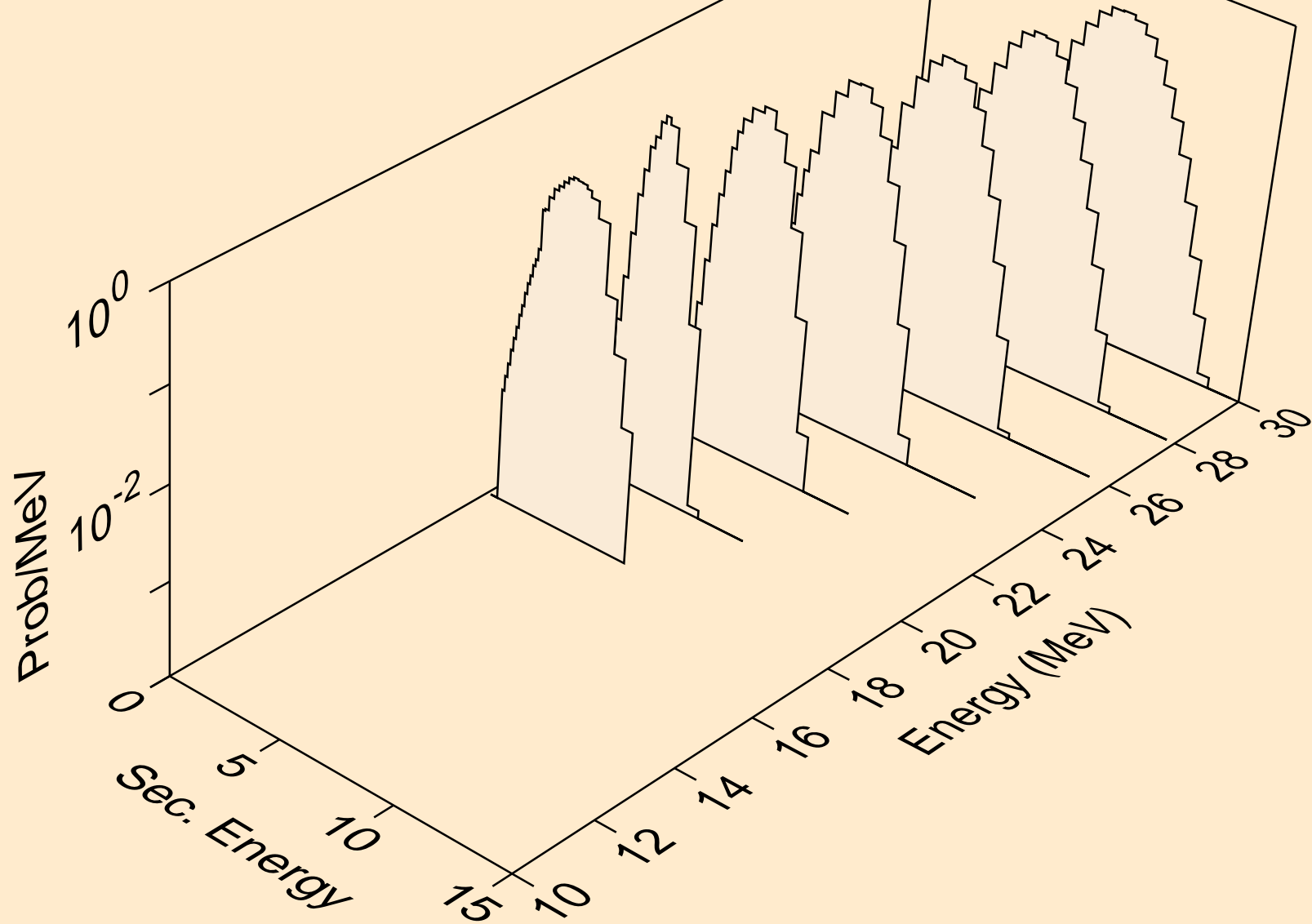


DY172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

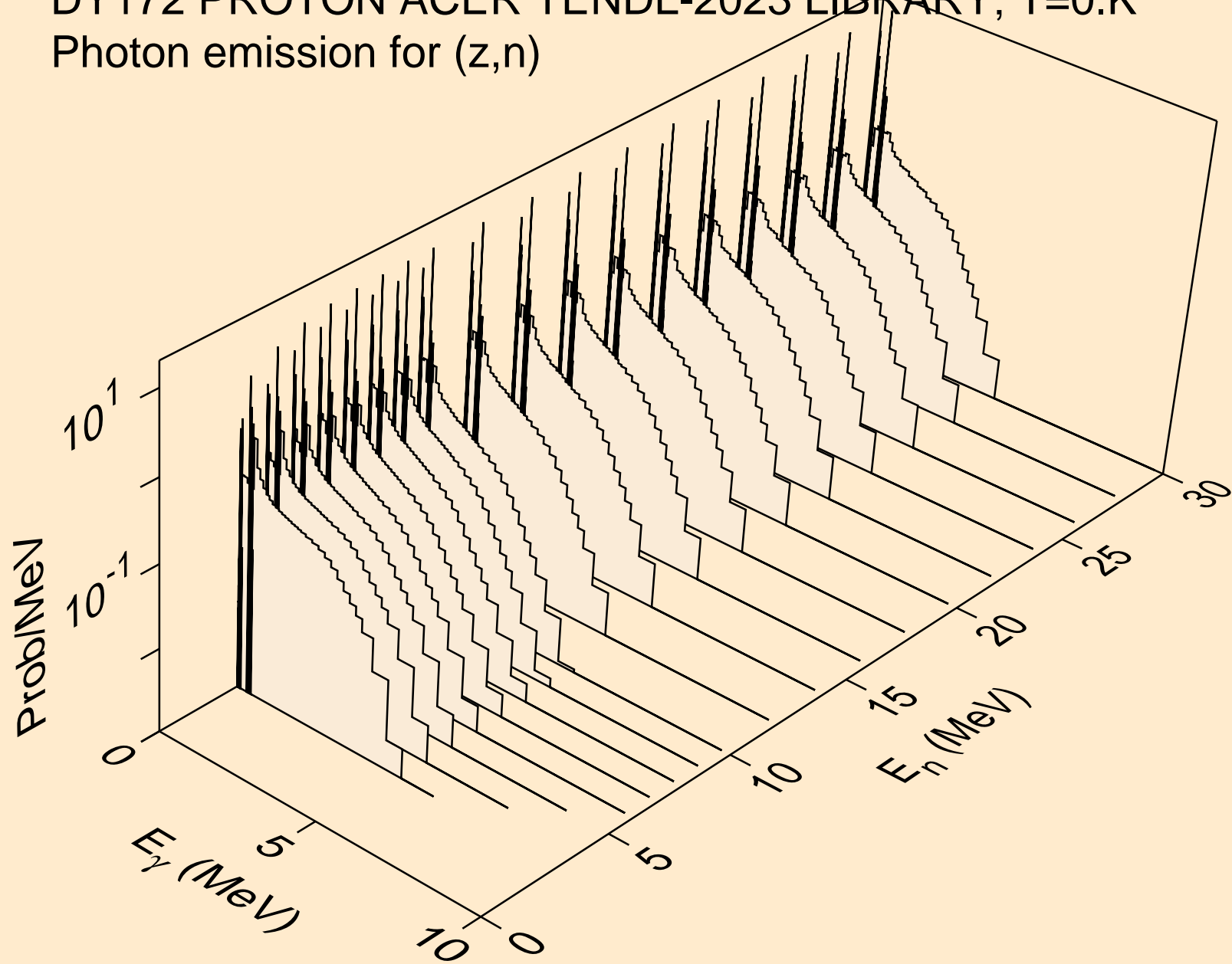




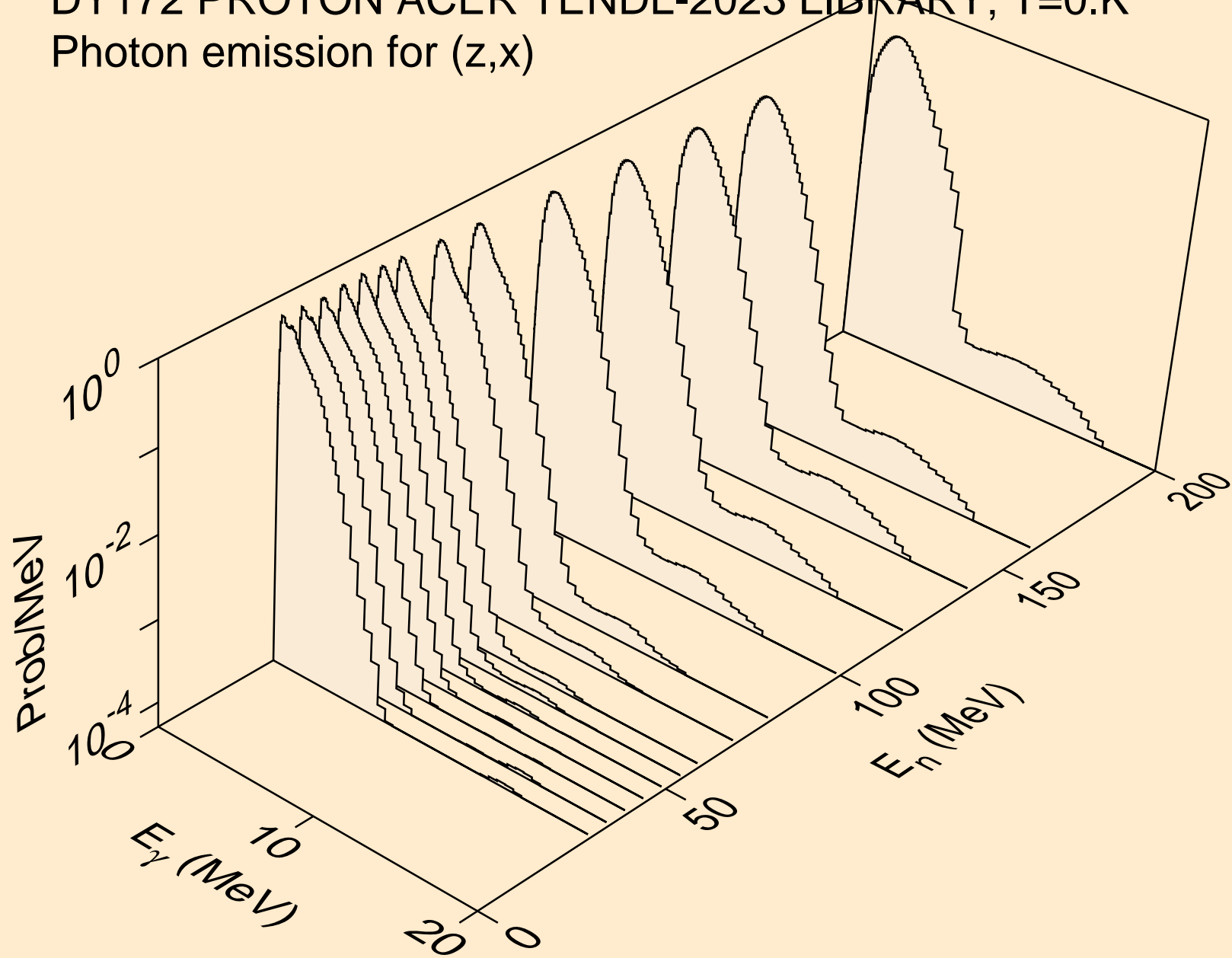
DY172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)



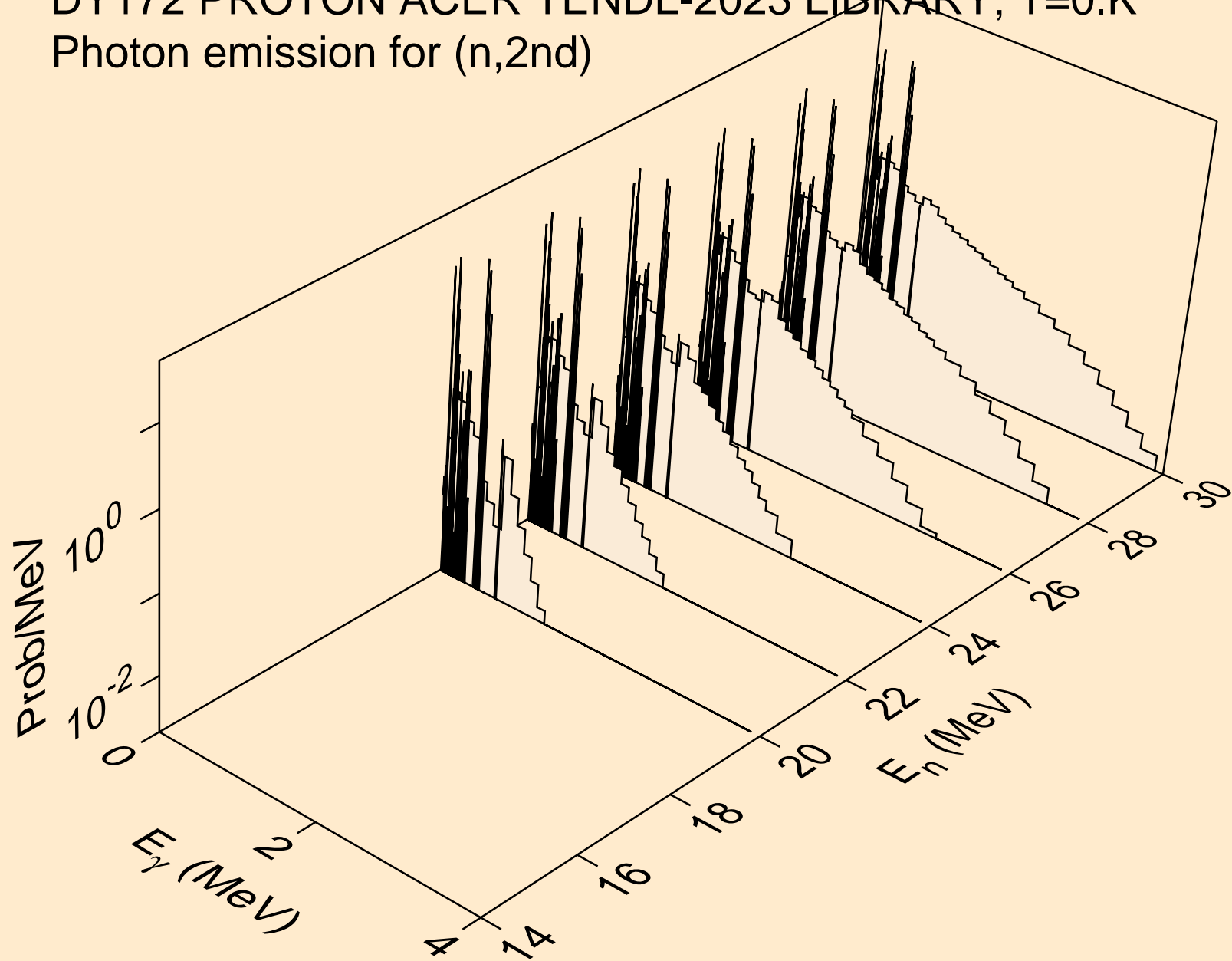
DY172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



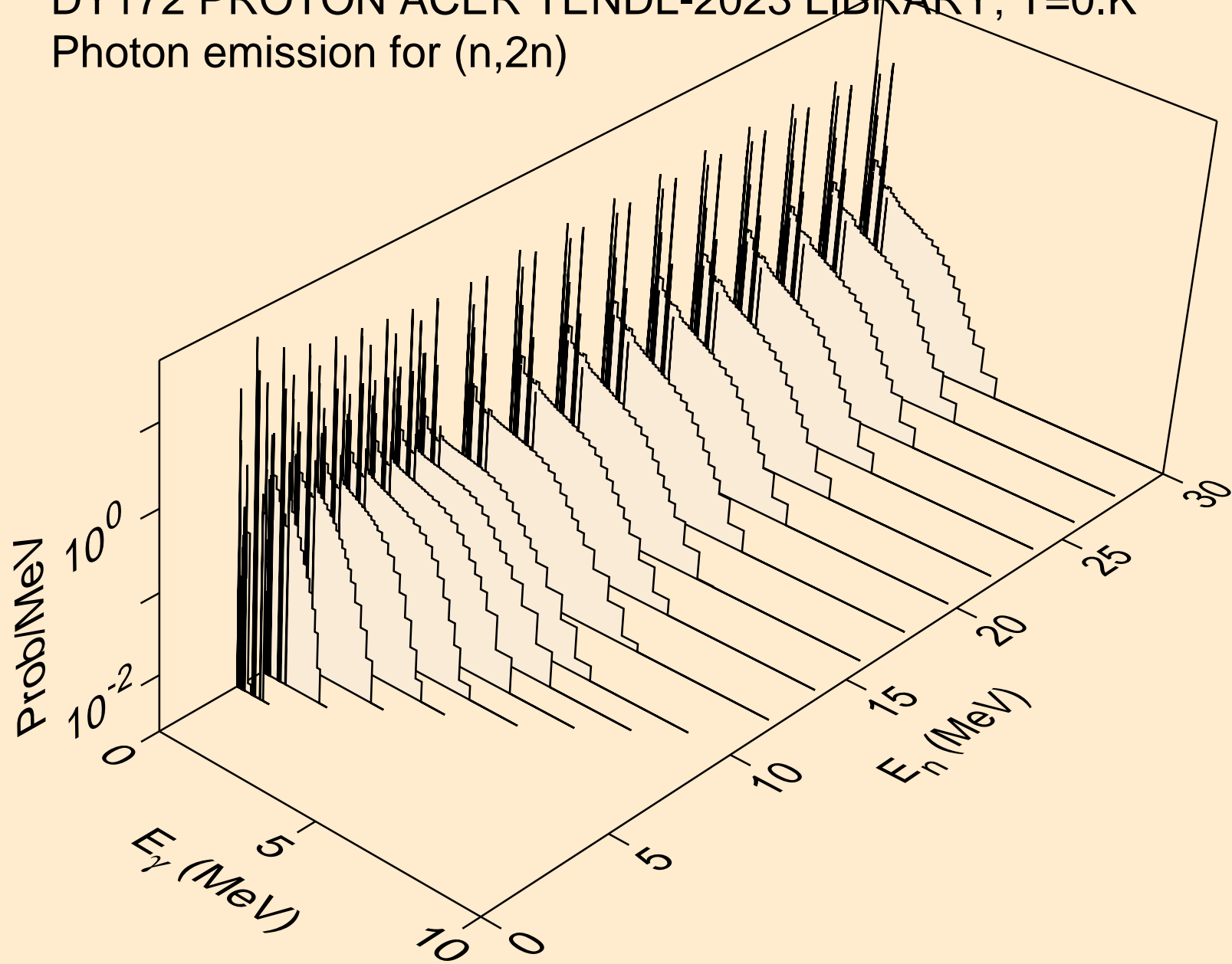
DY172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



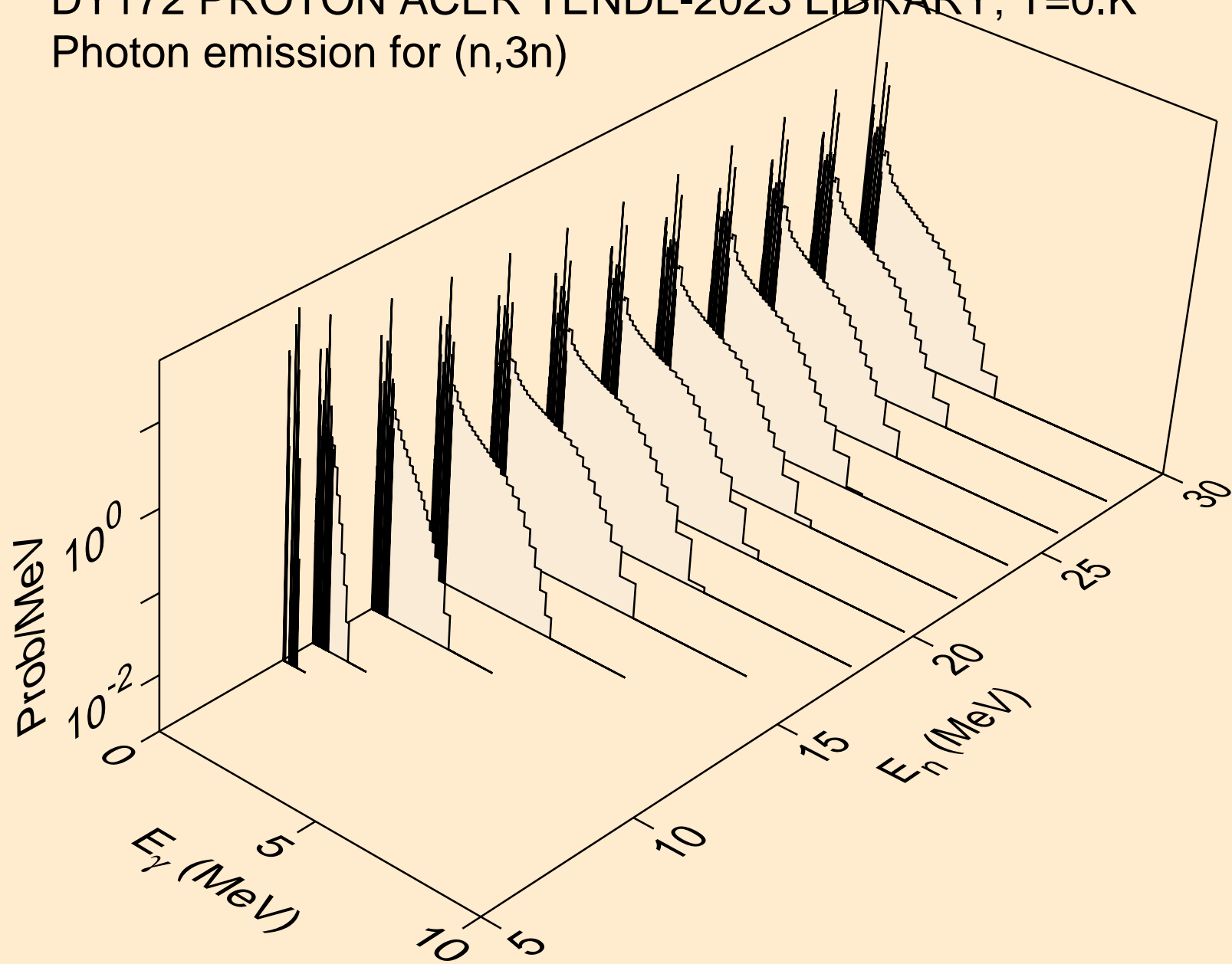
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Photon emission for (n,2nd)



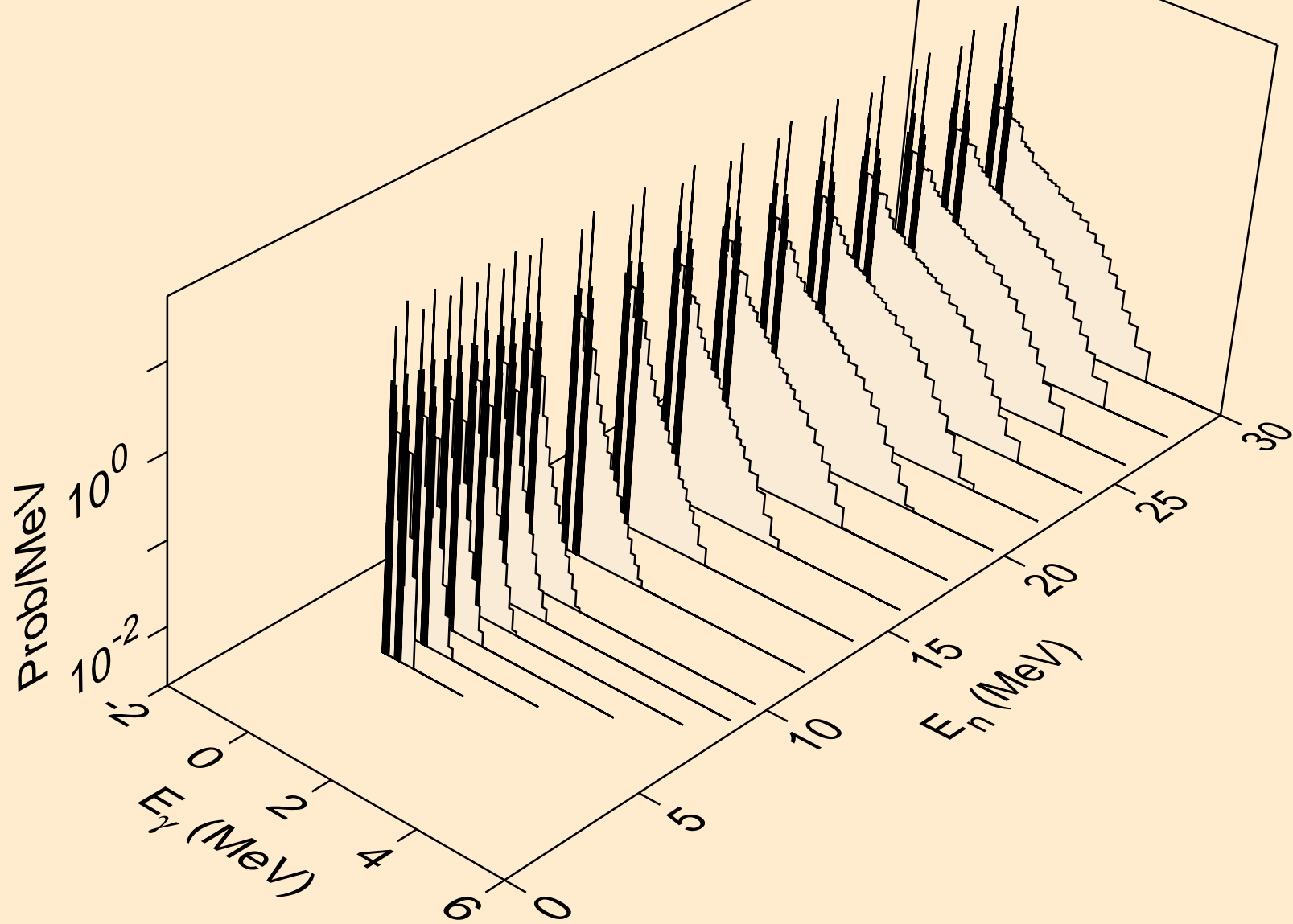
DY172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



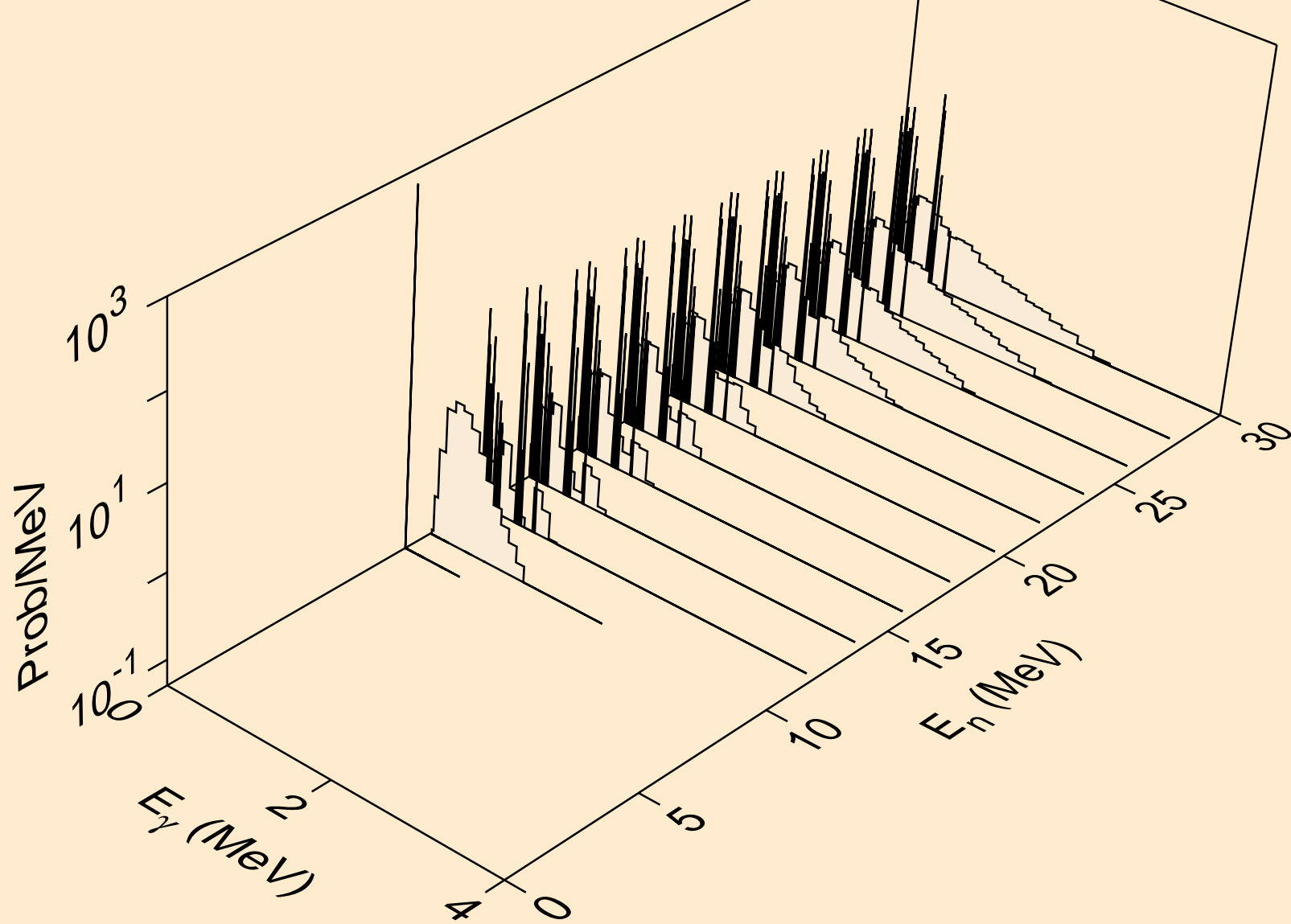
DY172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



DY172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

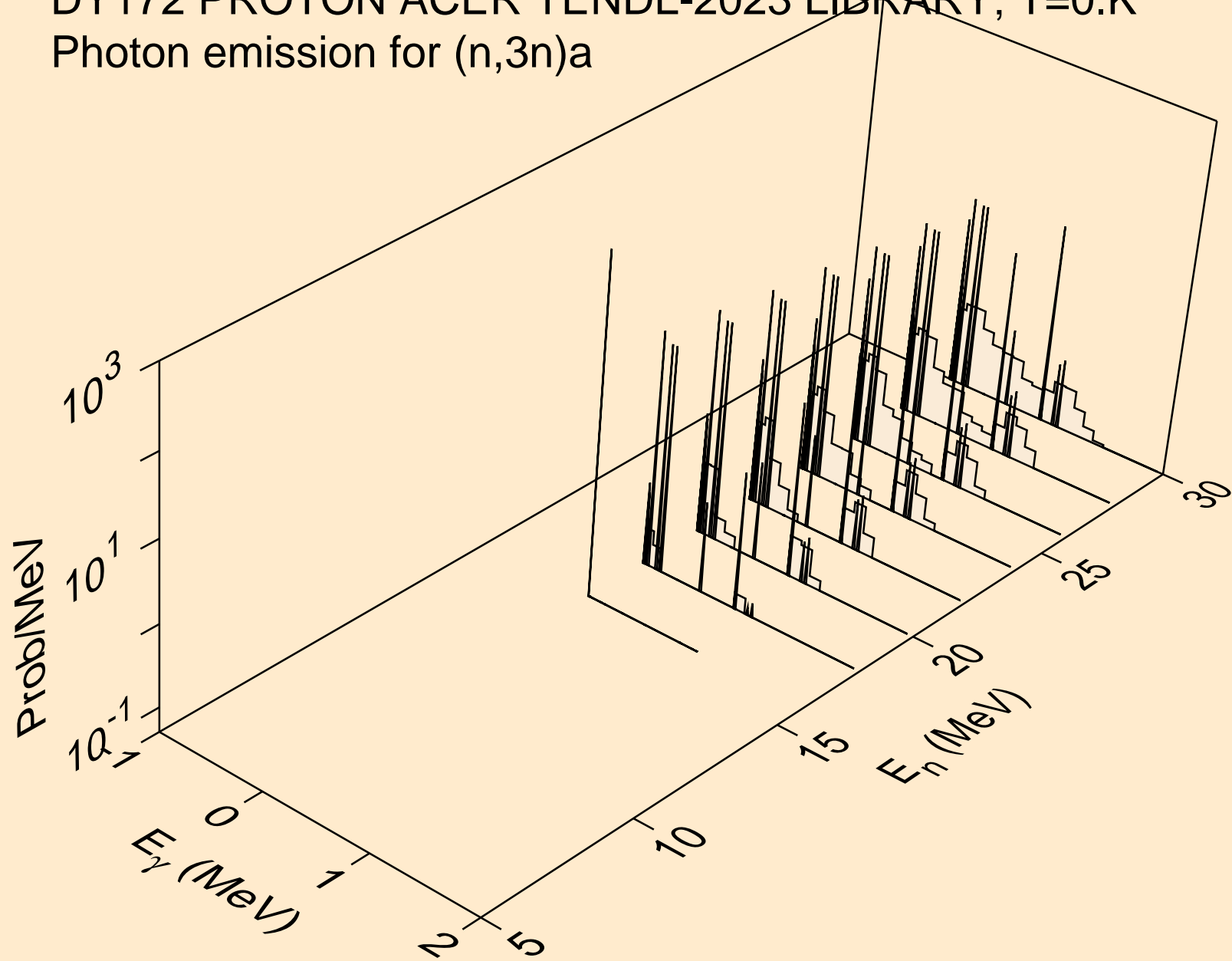


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Photon emission for (n,2n)a

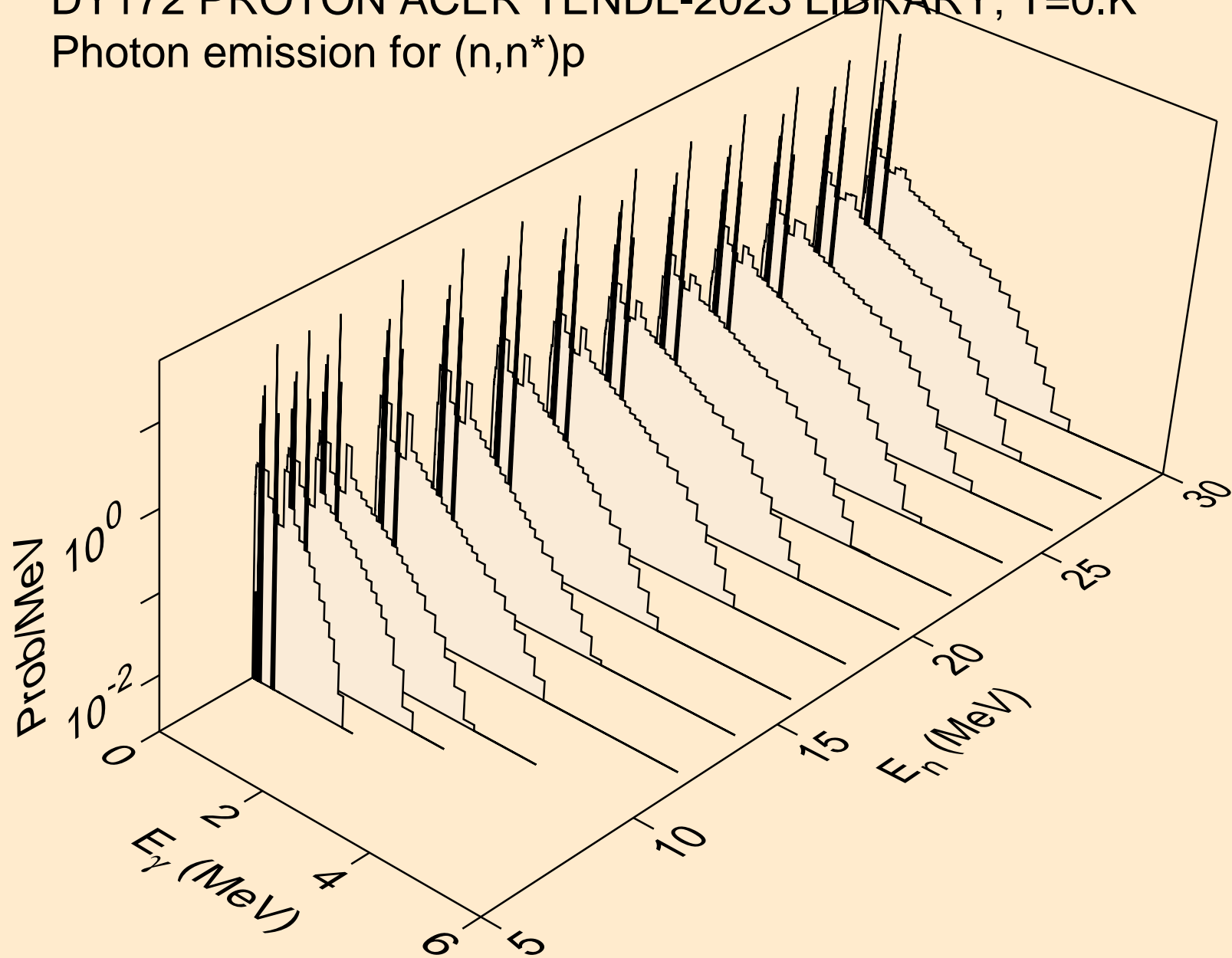




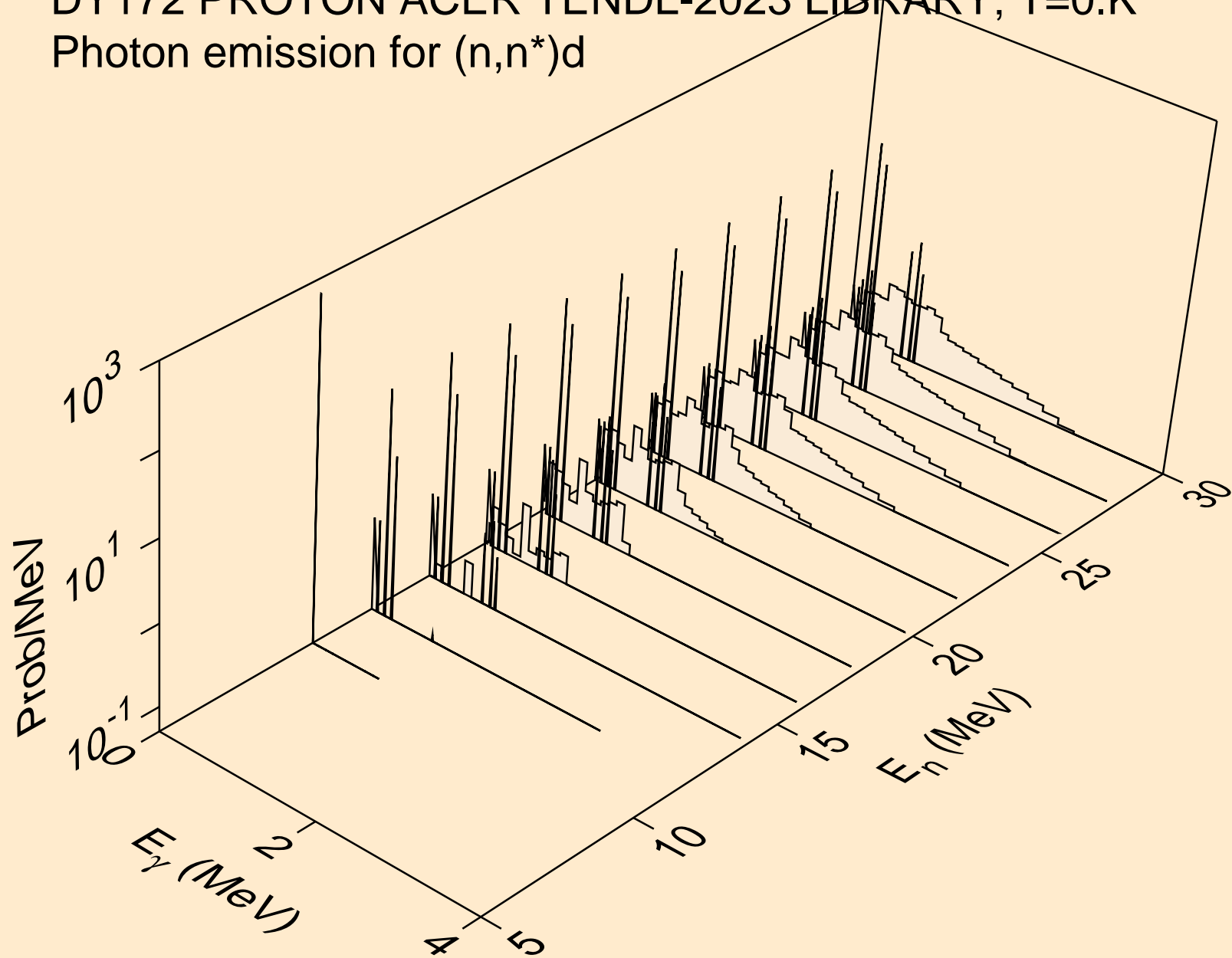
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Photon emission for (n,3n)a



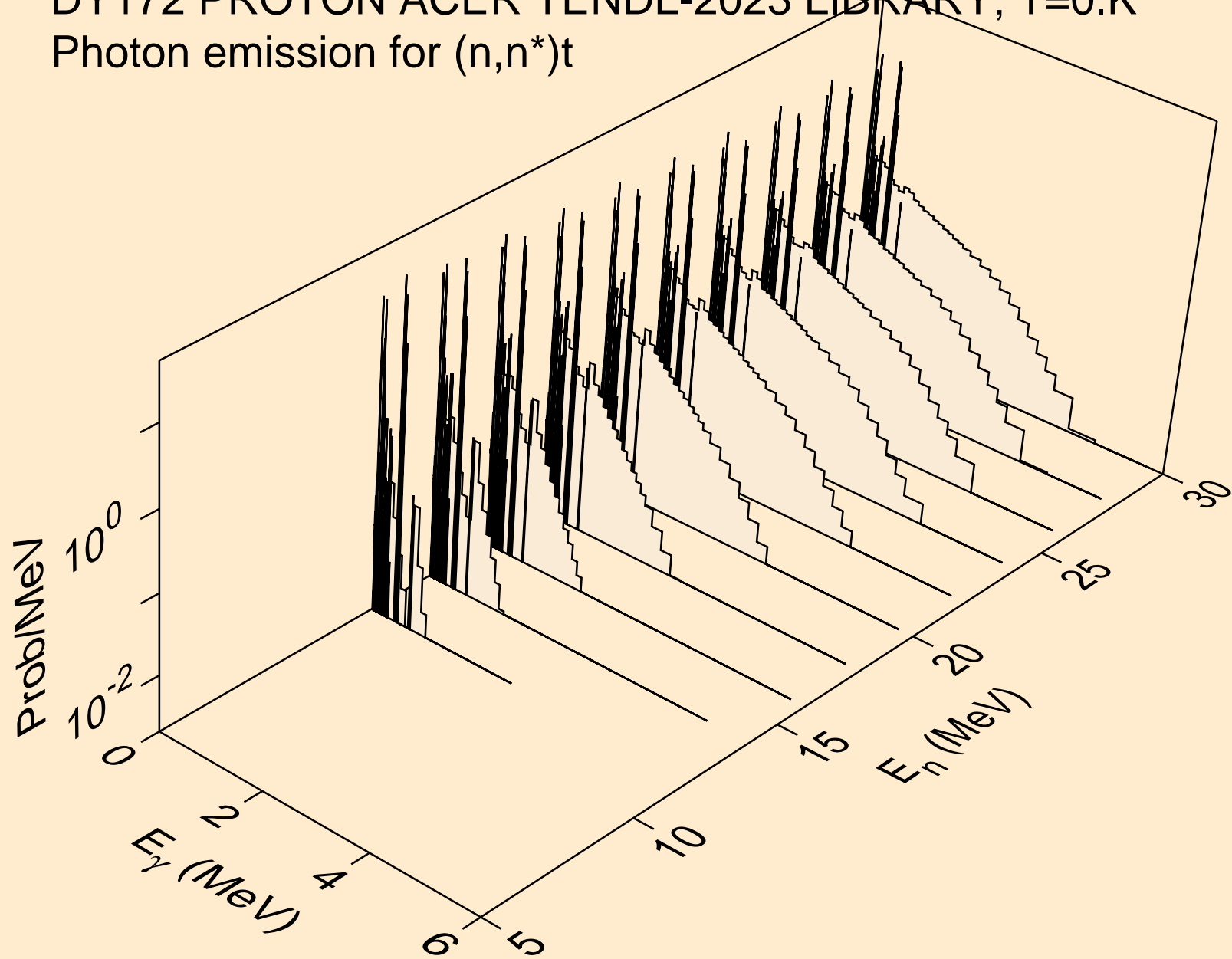
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Photon emission for (n,n\*)p



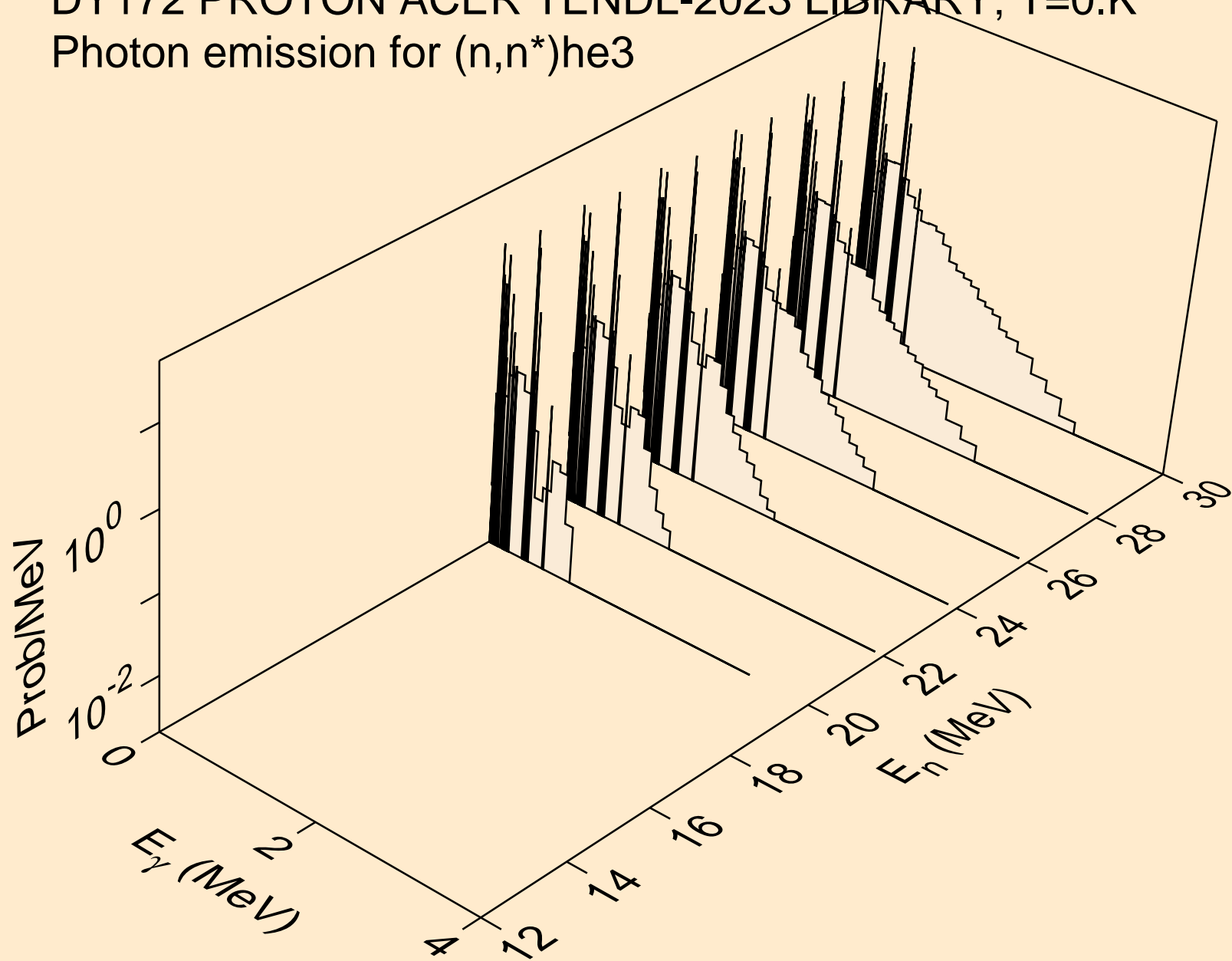
DY172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



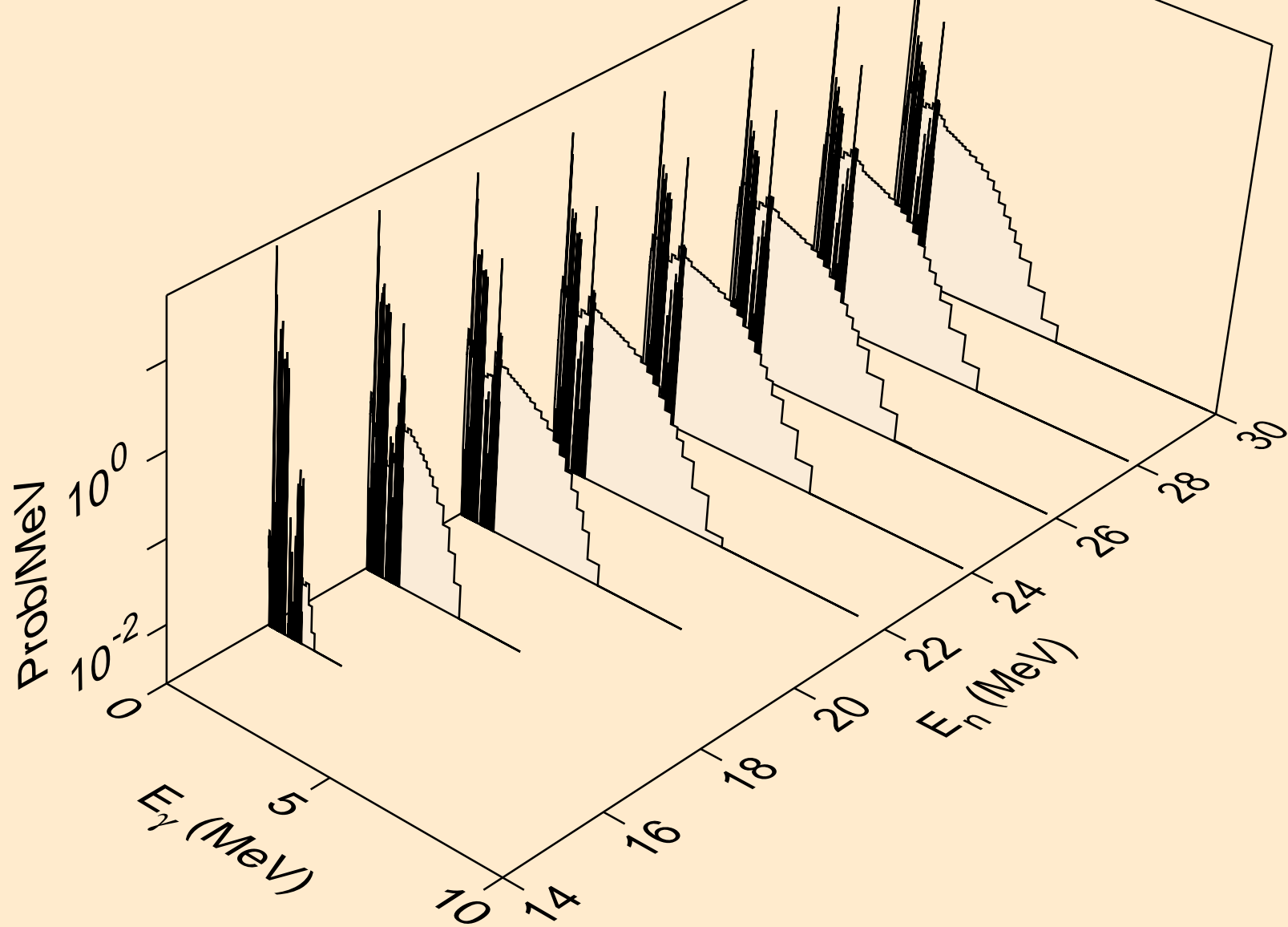
DY172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



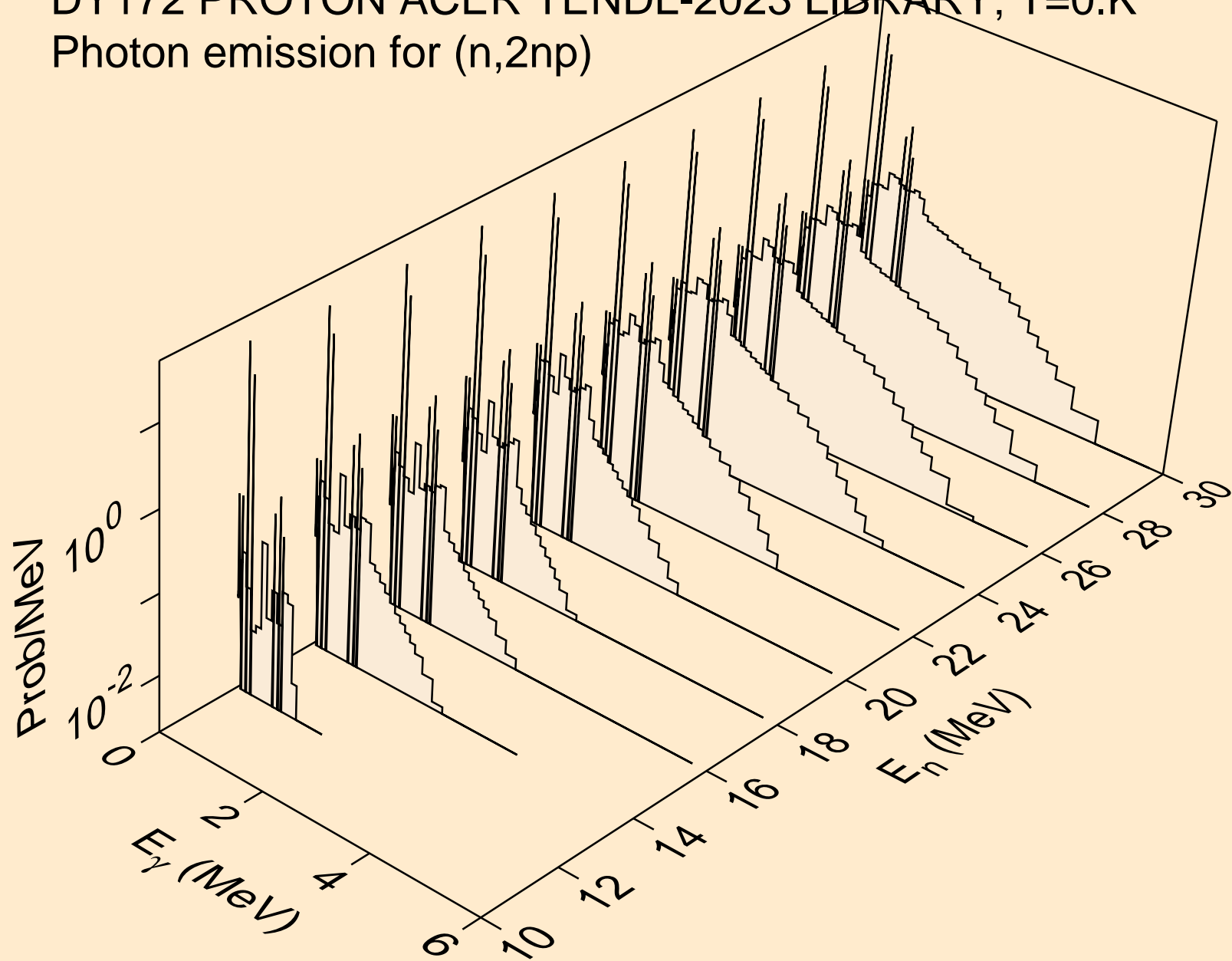
DY172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



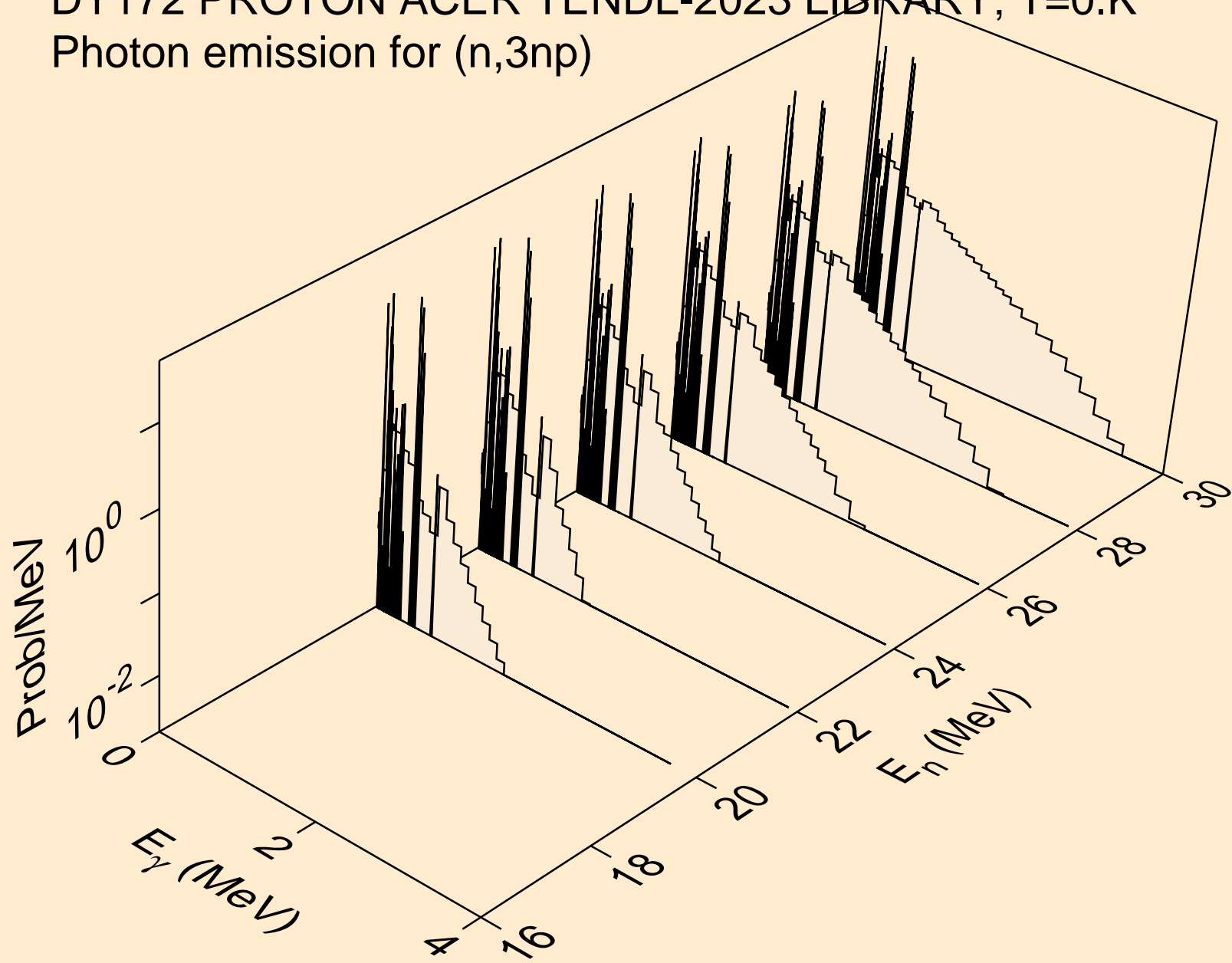
DY172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



DY172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

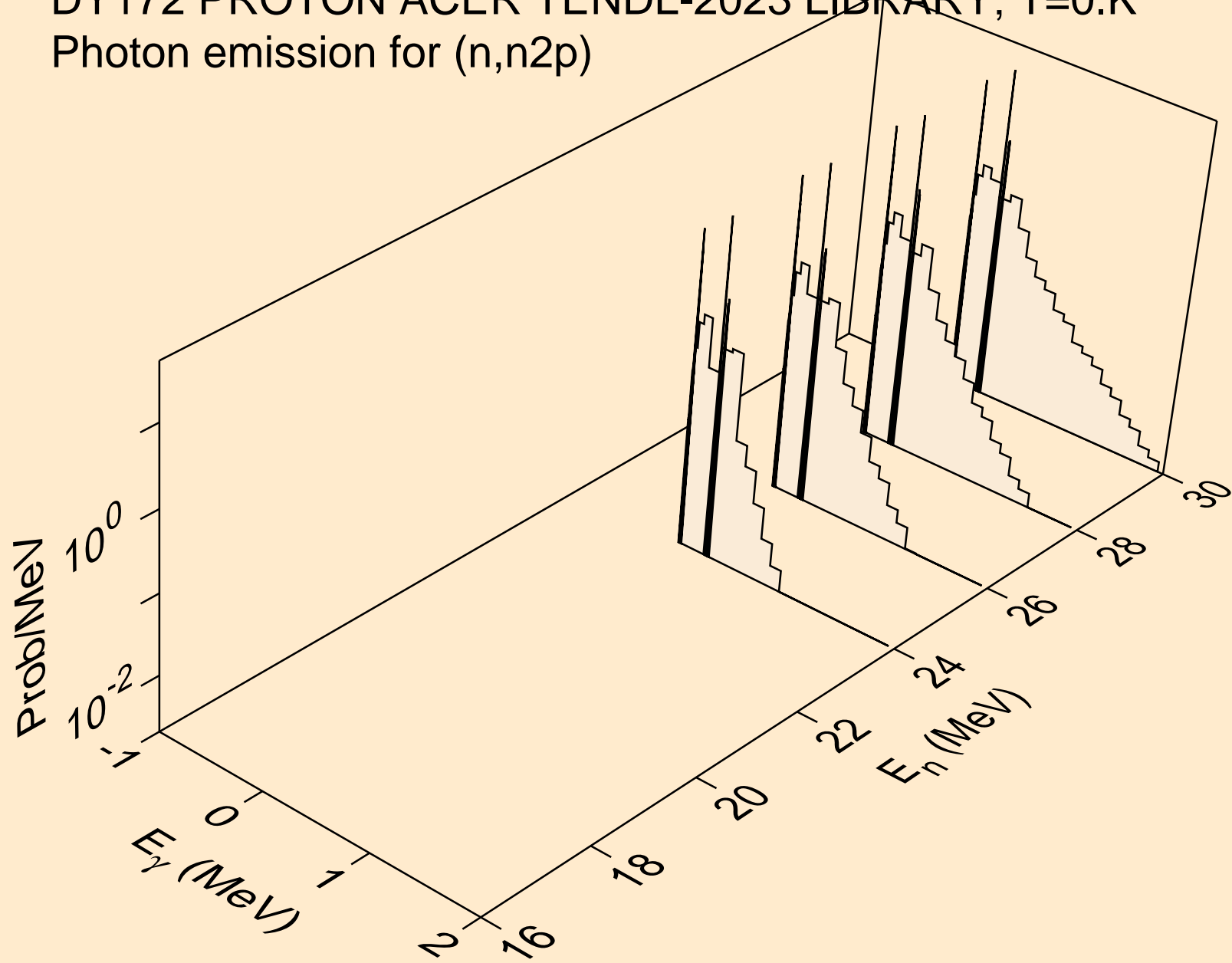


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Photon emission for (n,3np)

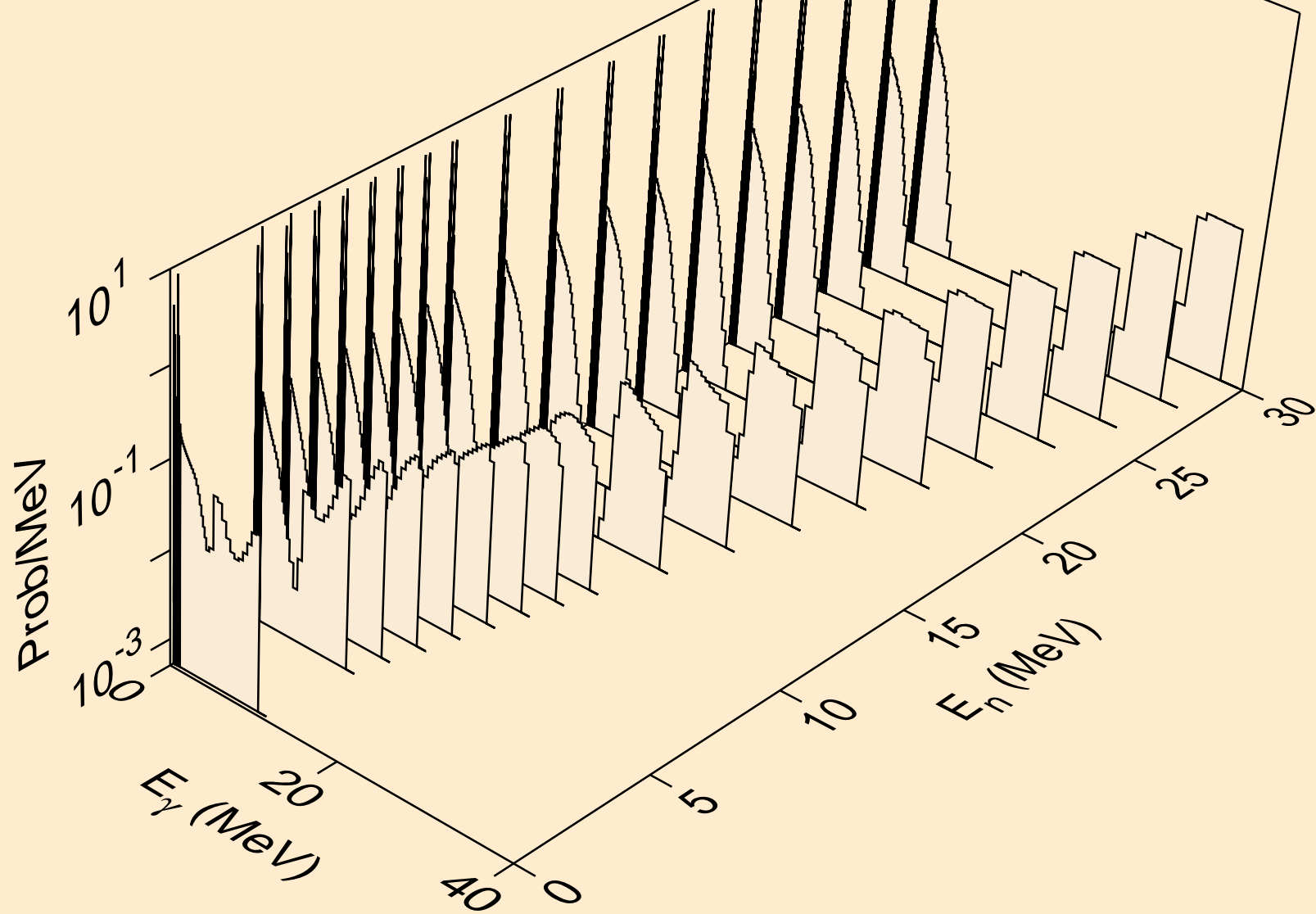




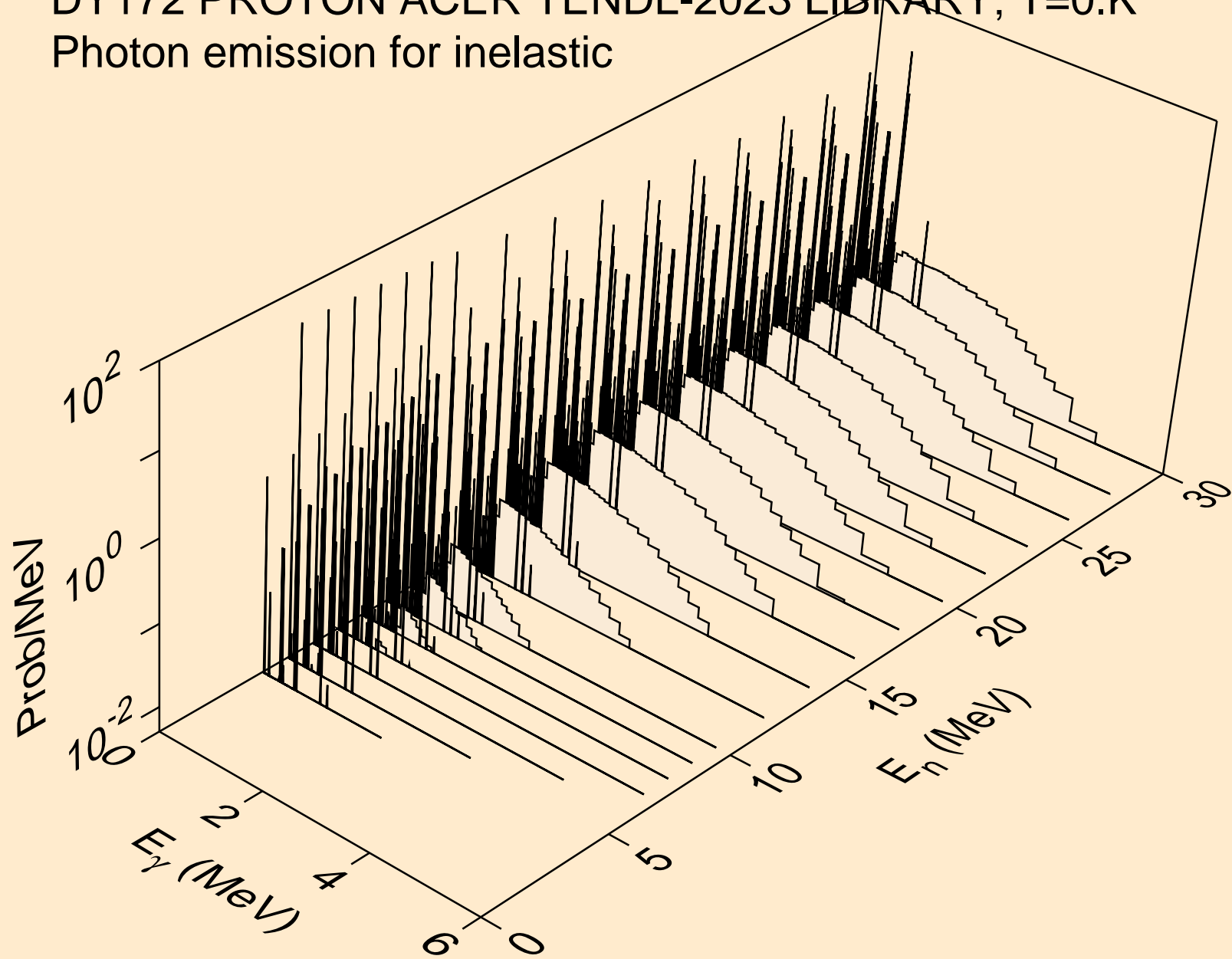
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Photon emission for (n,n2p)



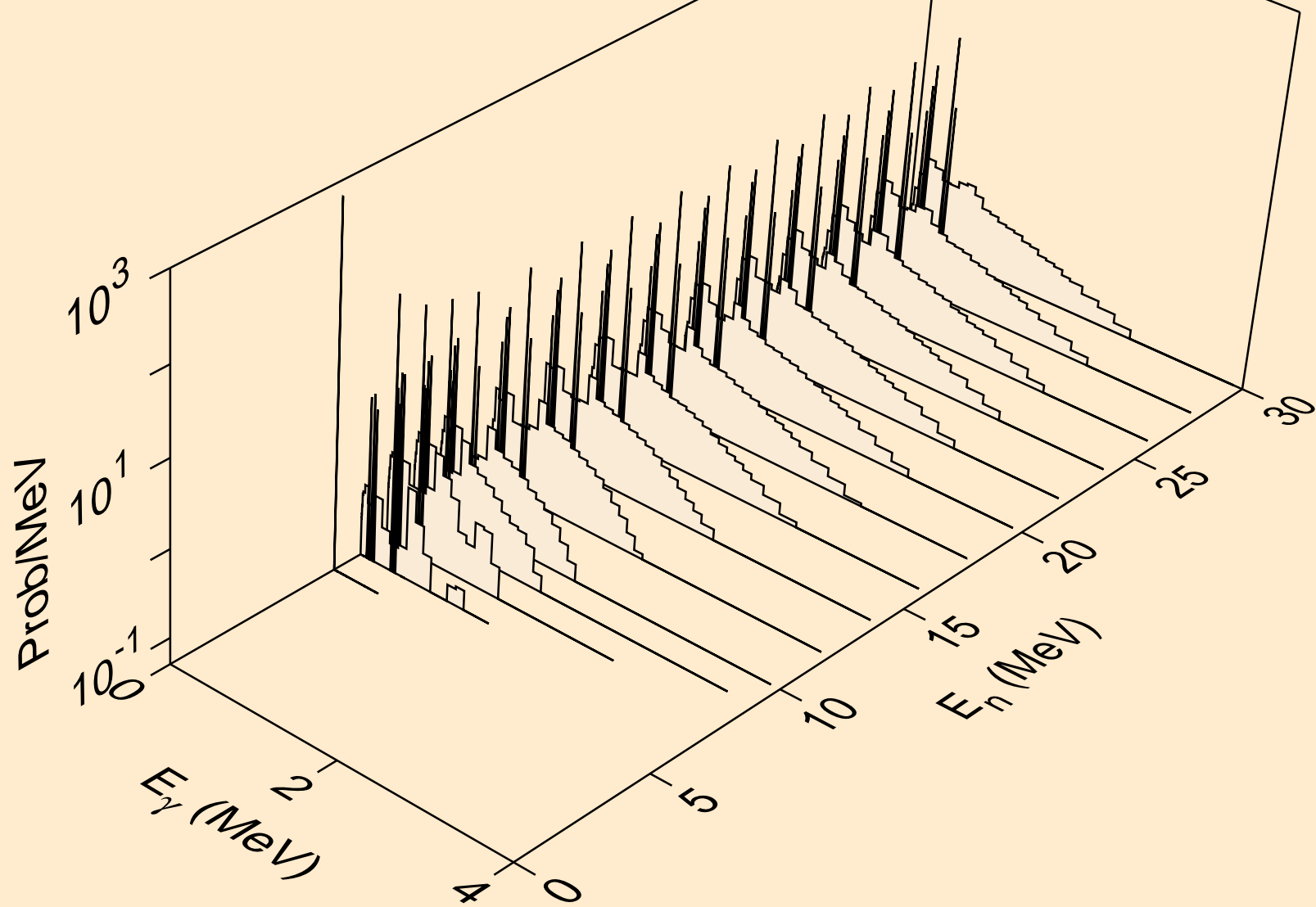
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Photon emission for (n,gma)



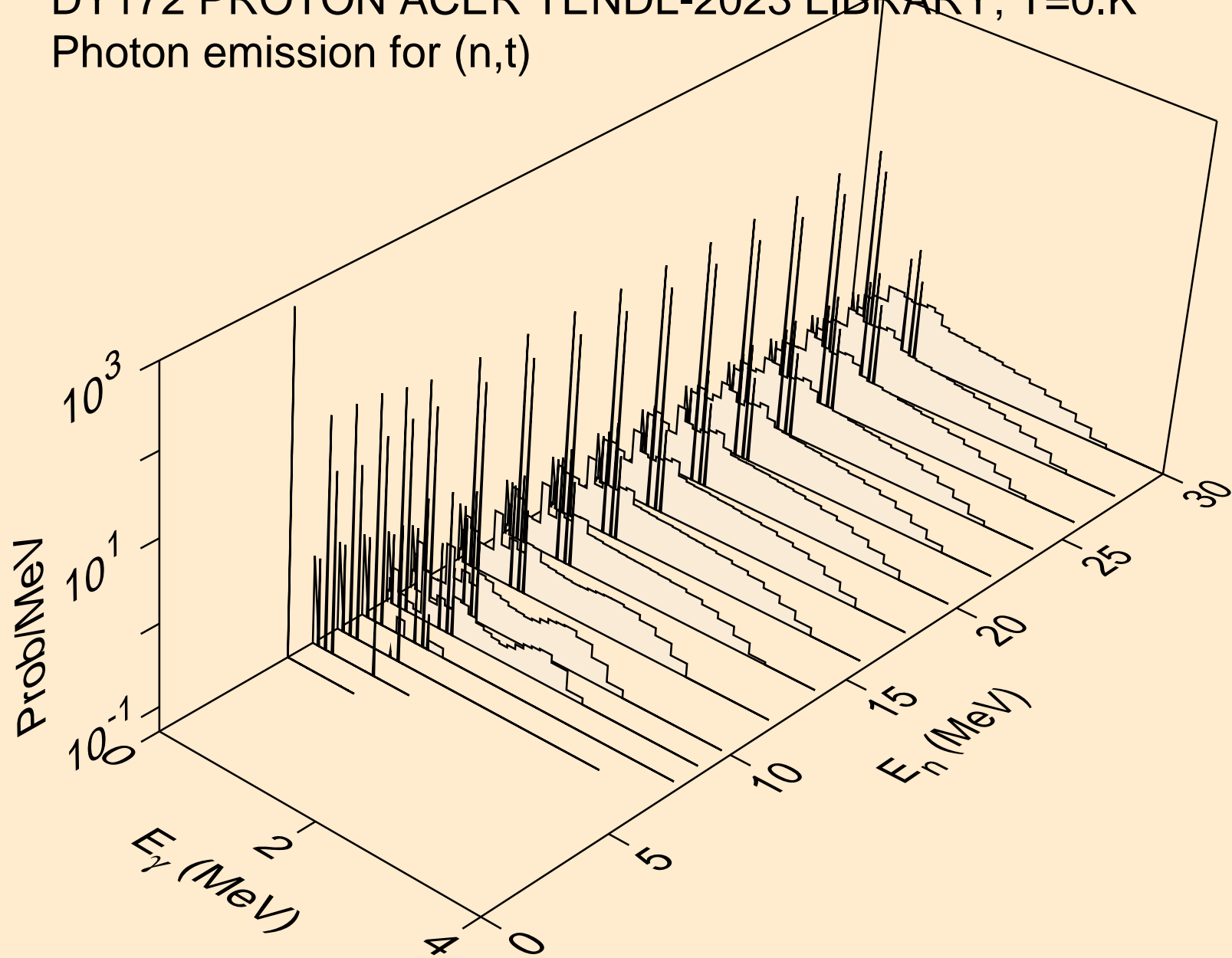
DY172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



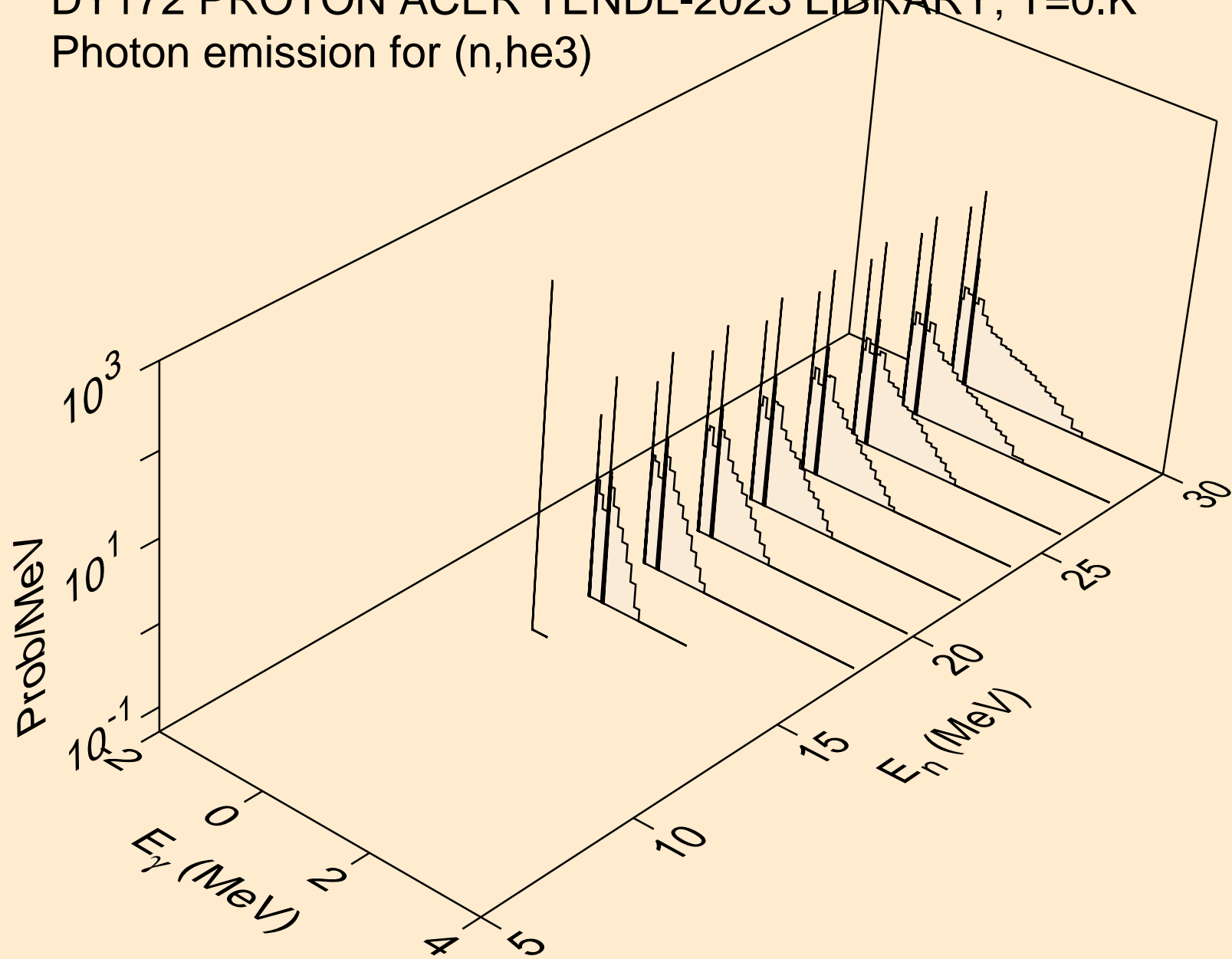
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Photon emission for (n,d)



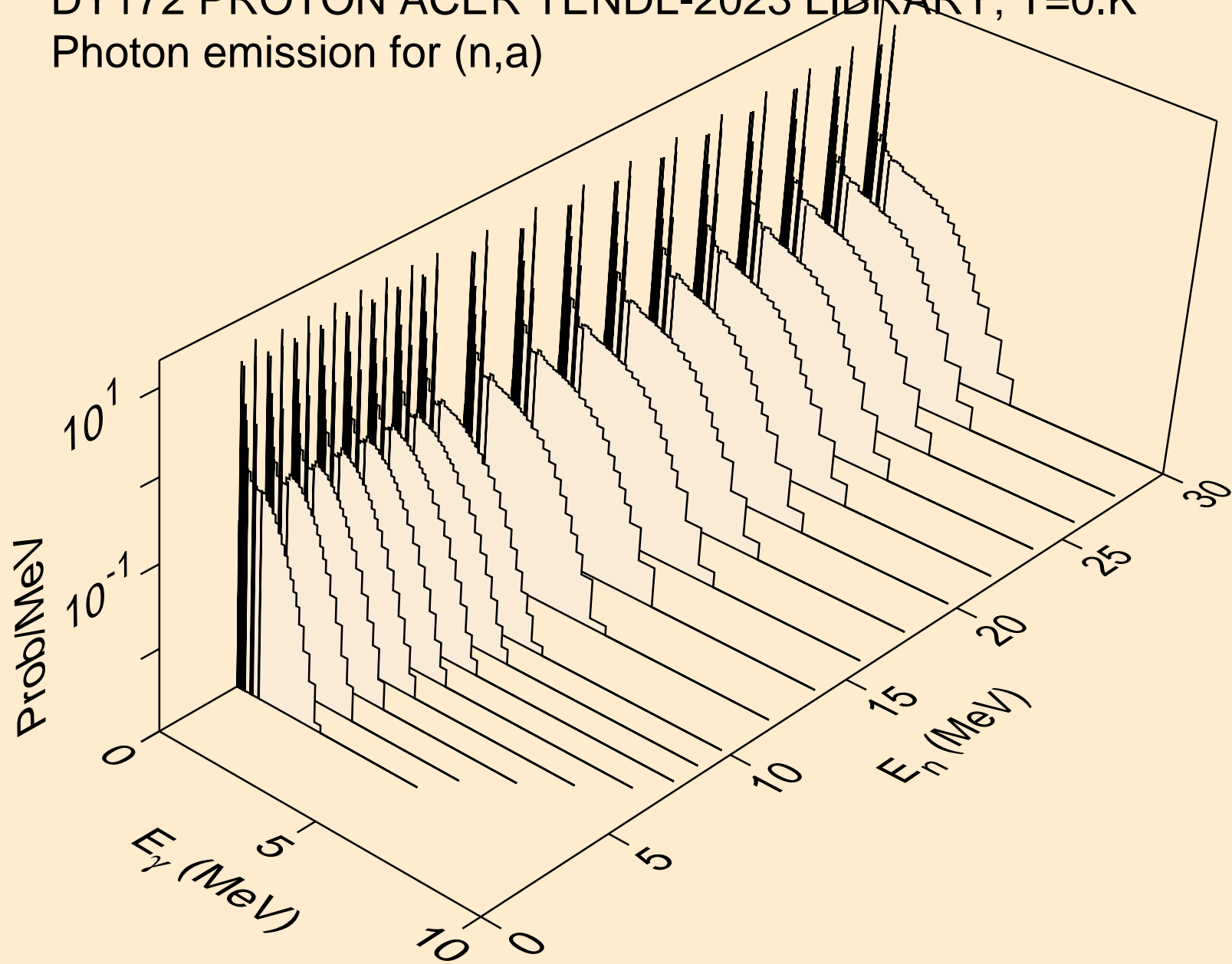
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Photon emission for (n,t)



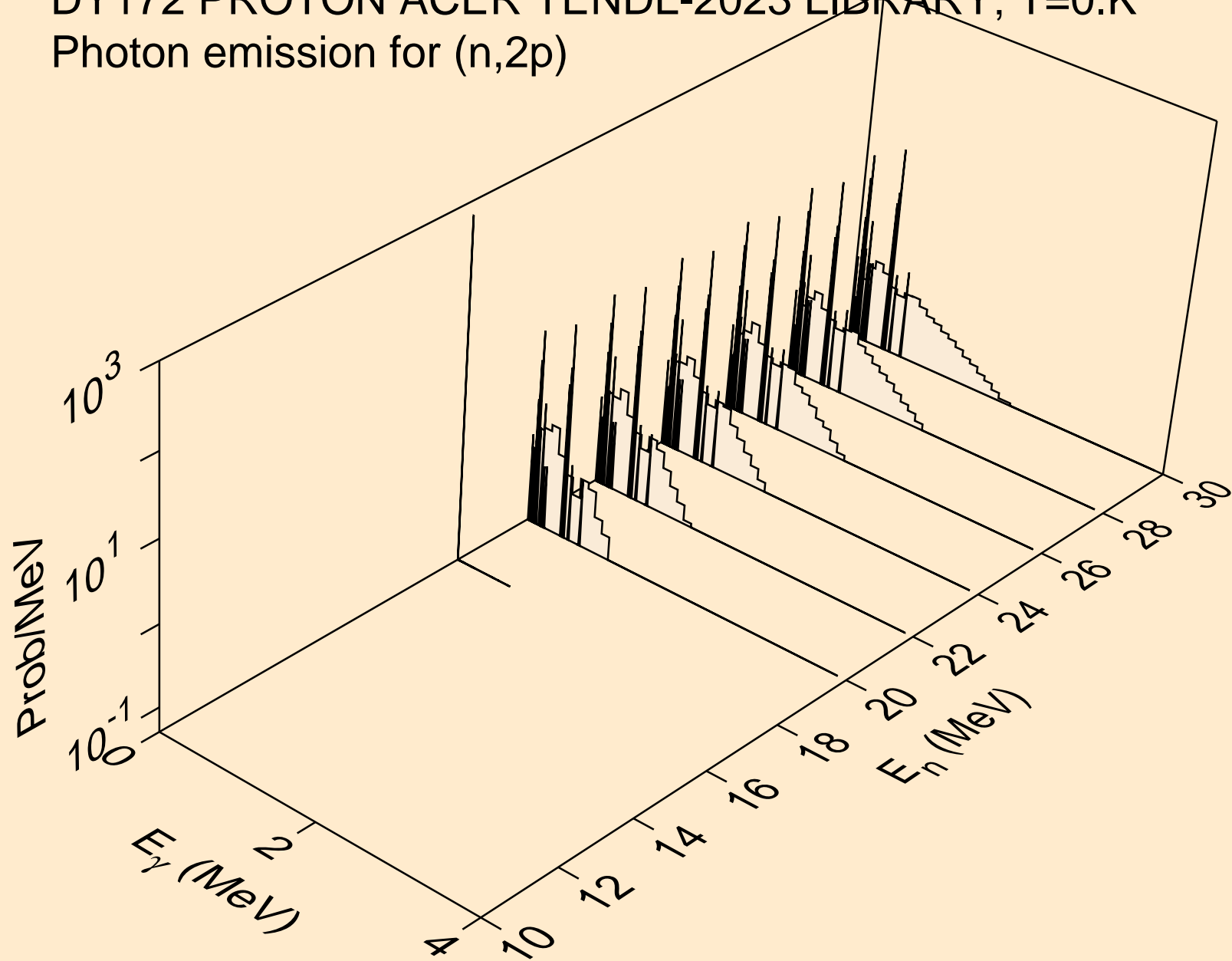
DY172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



DY172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)

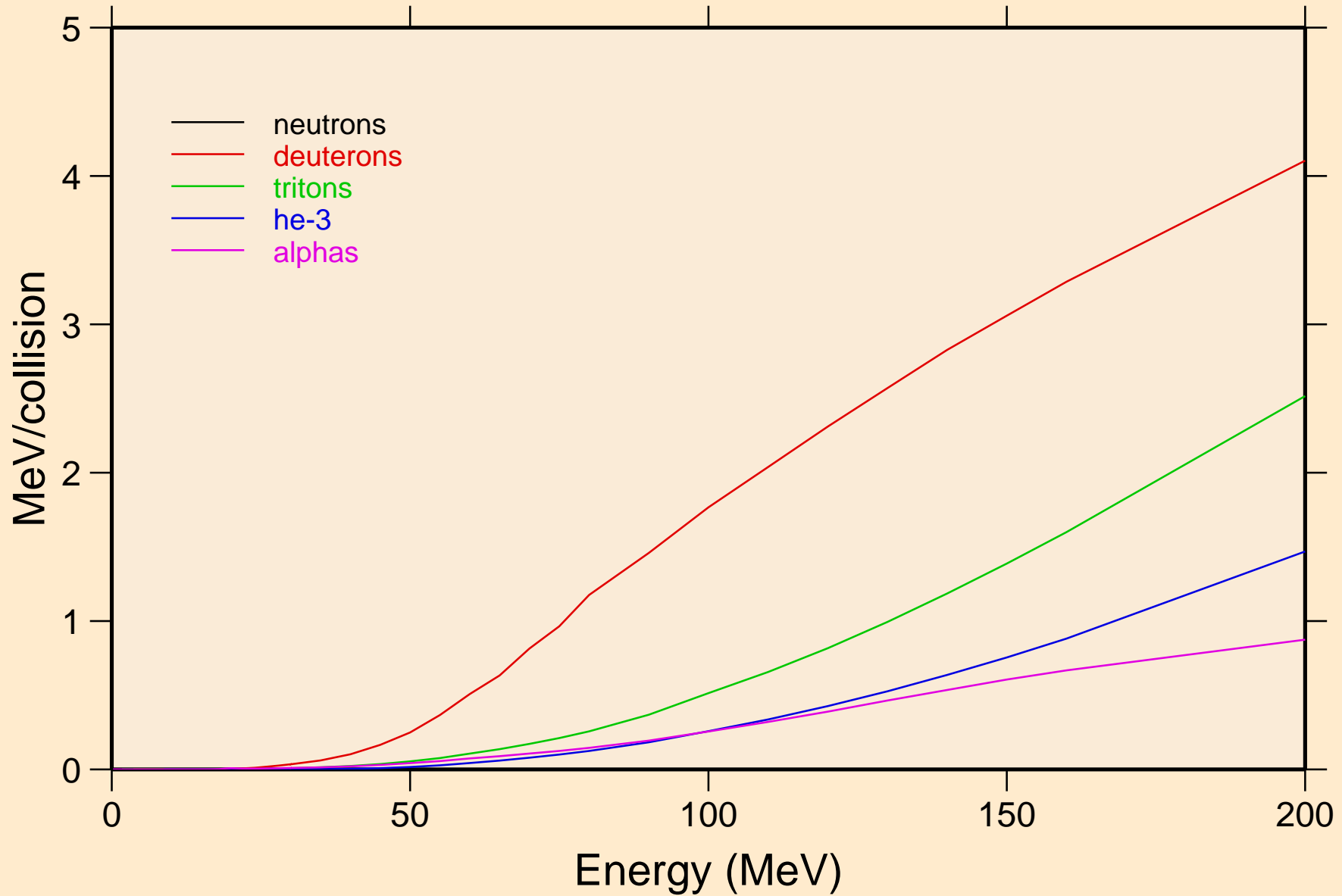


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Photon emission for (n,2p)

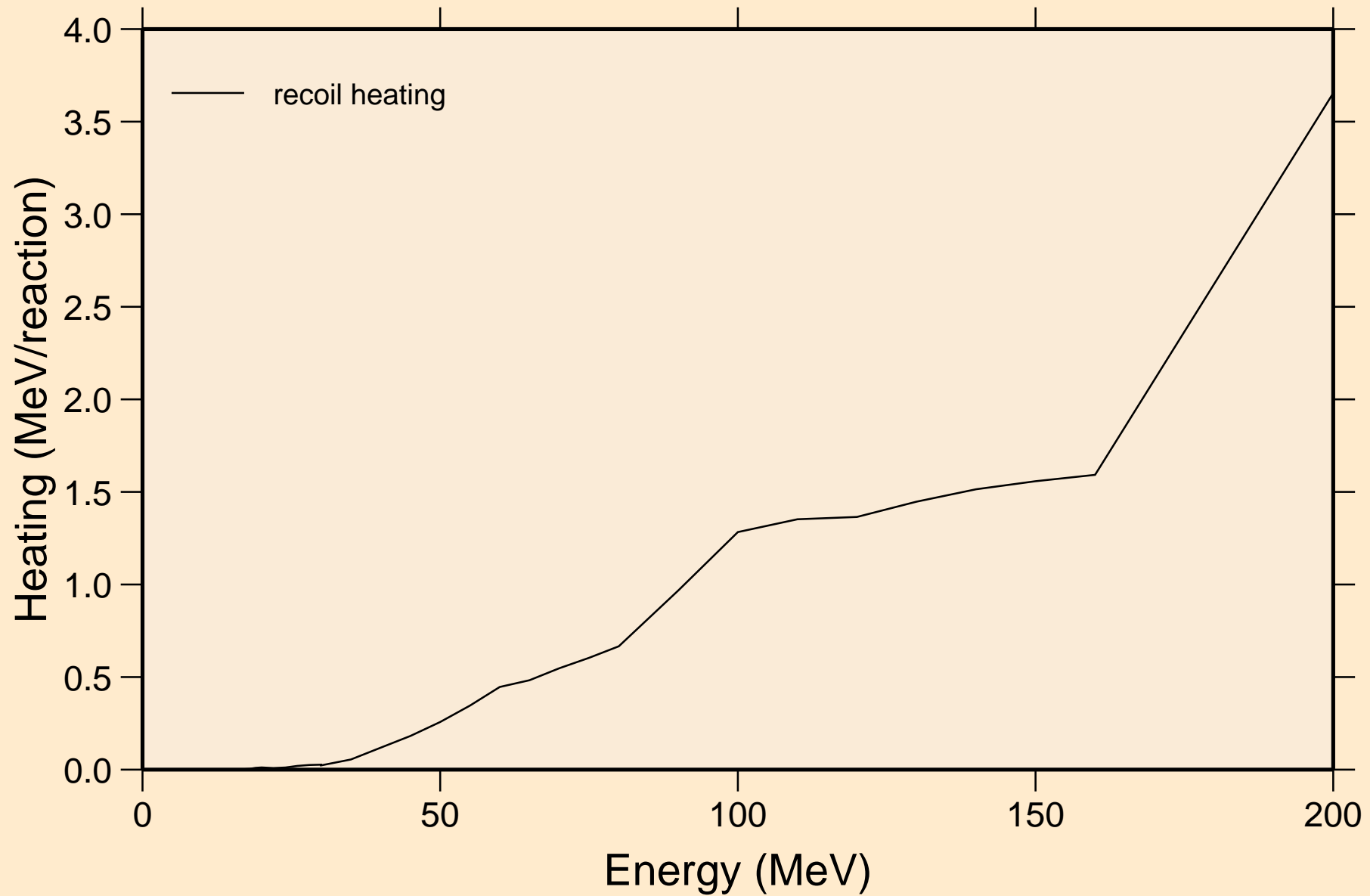




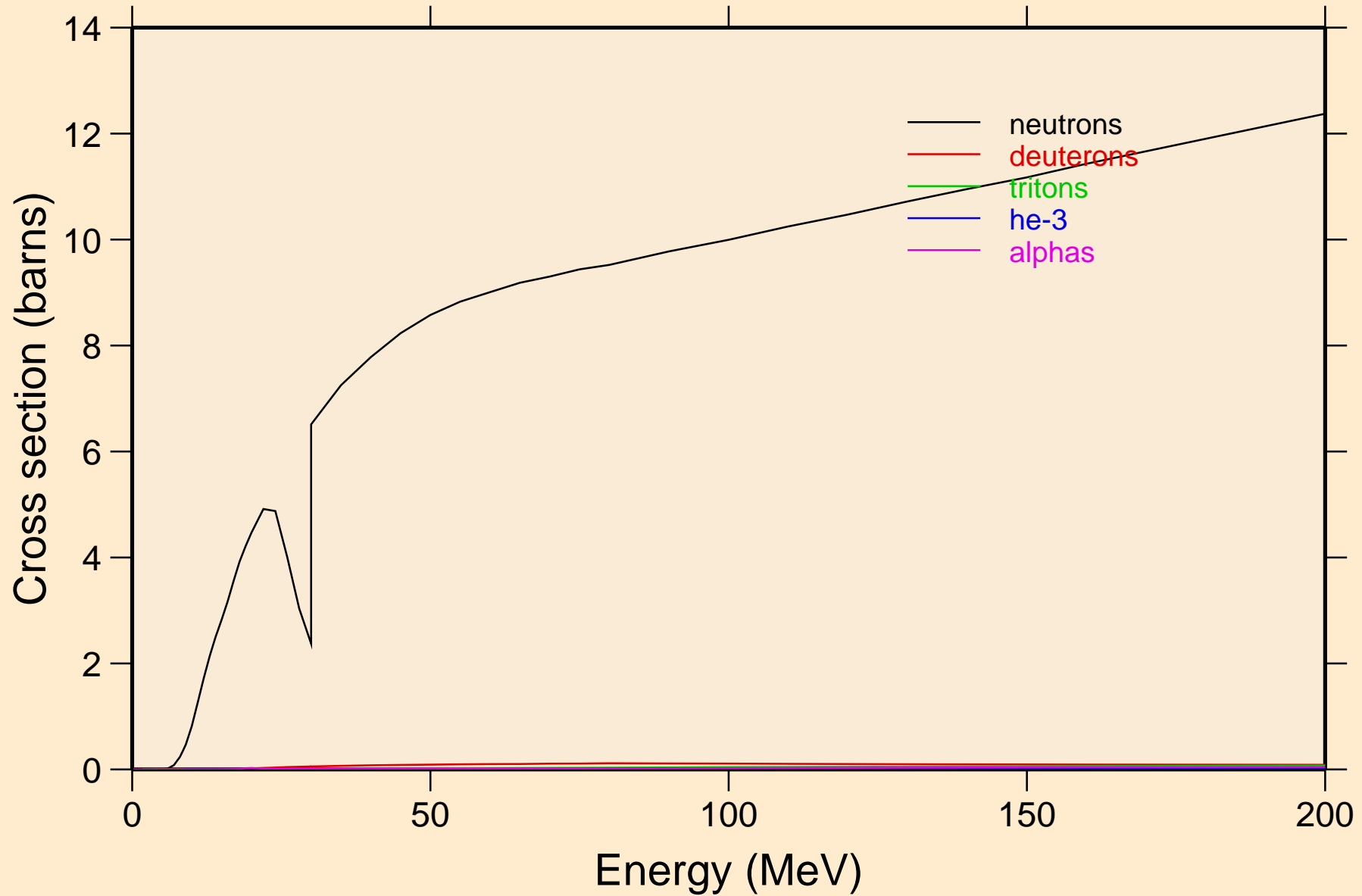
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Particle heating contributions



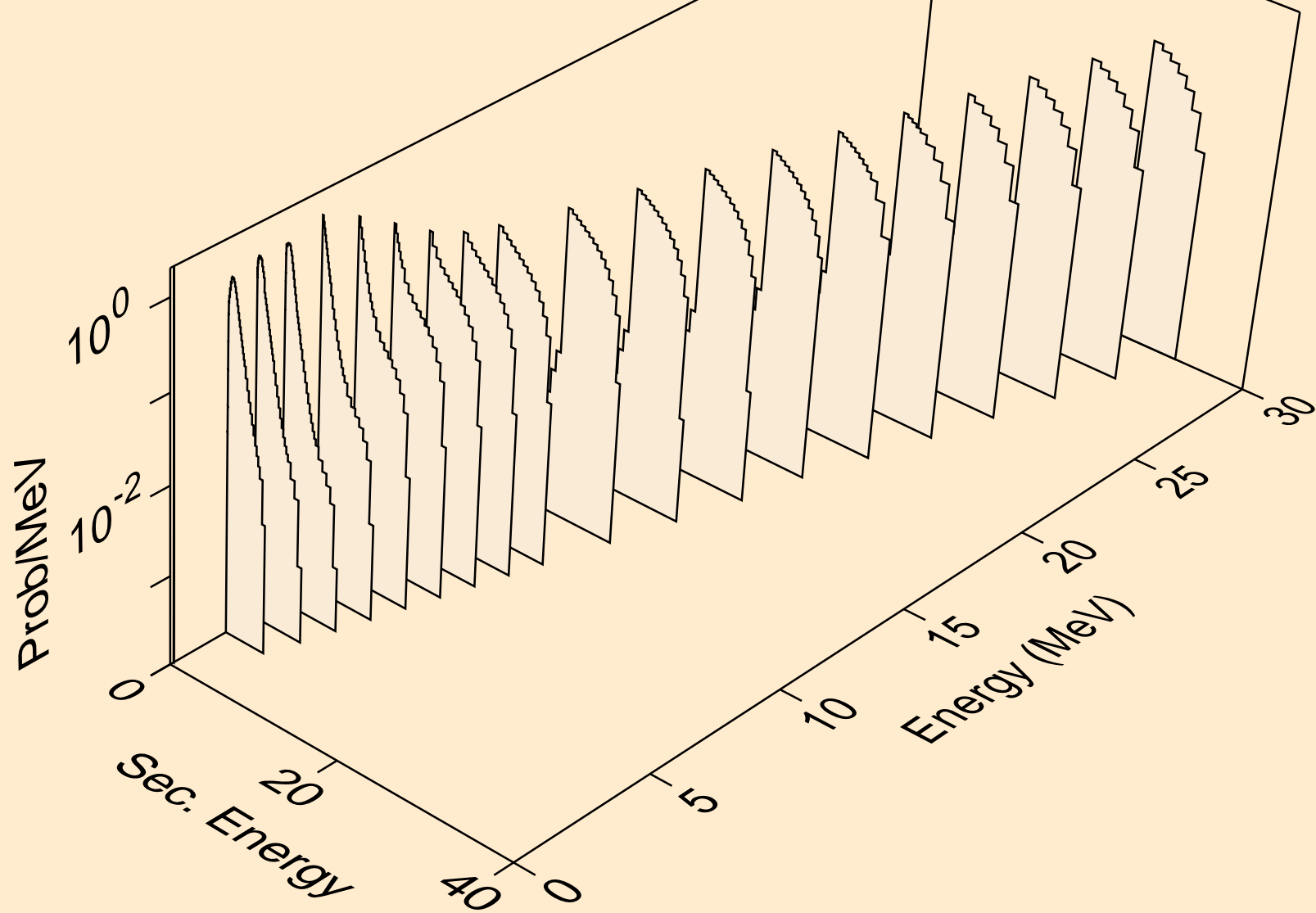
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Recoil Heating



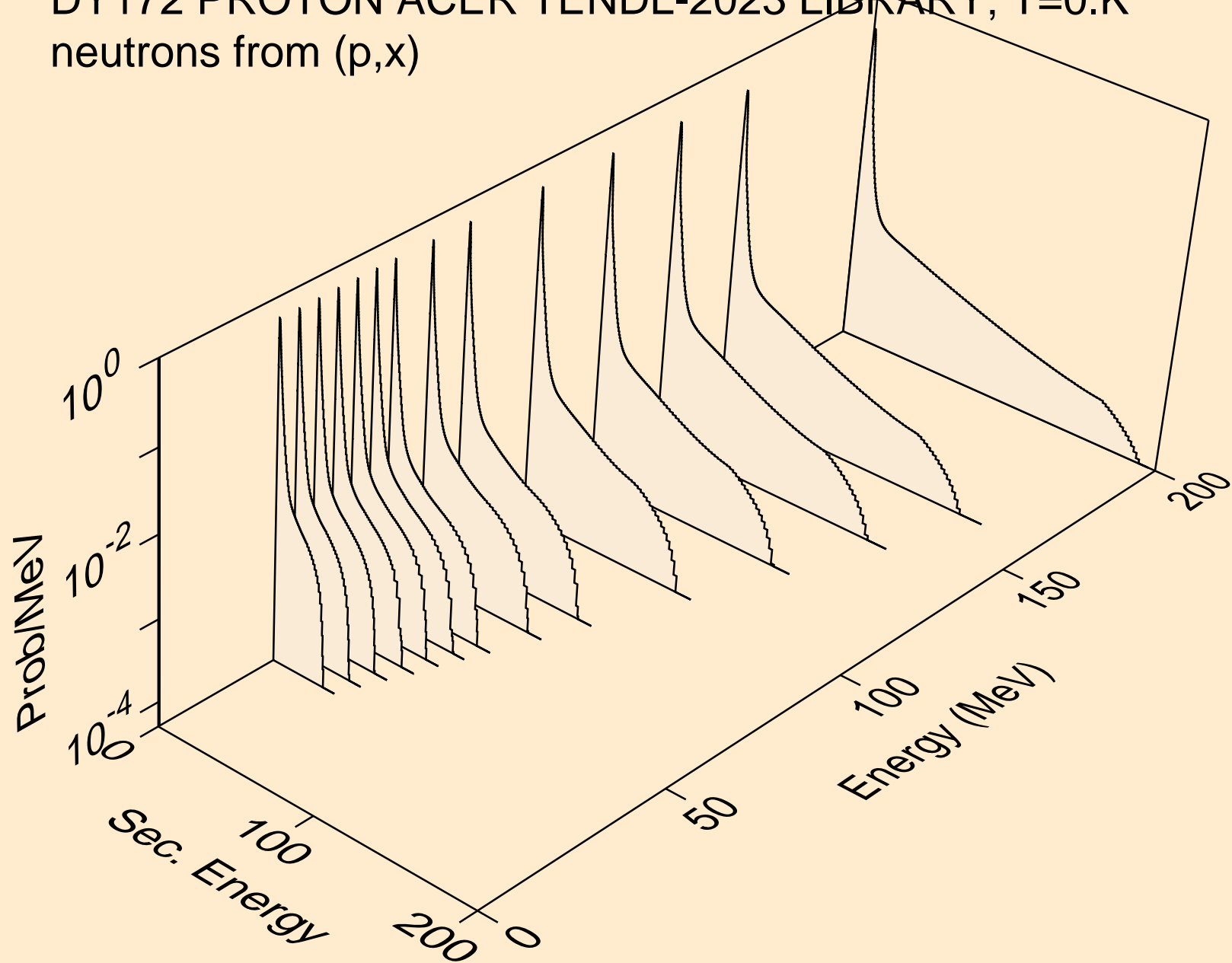
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Particle production cross sections



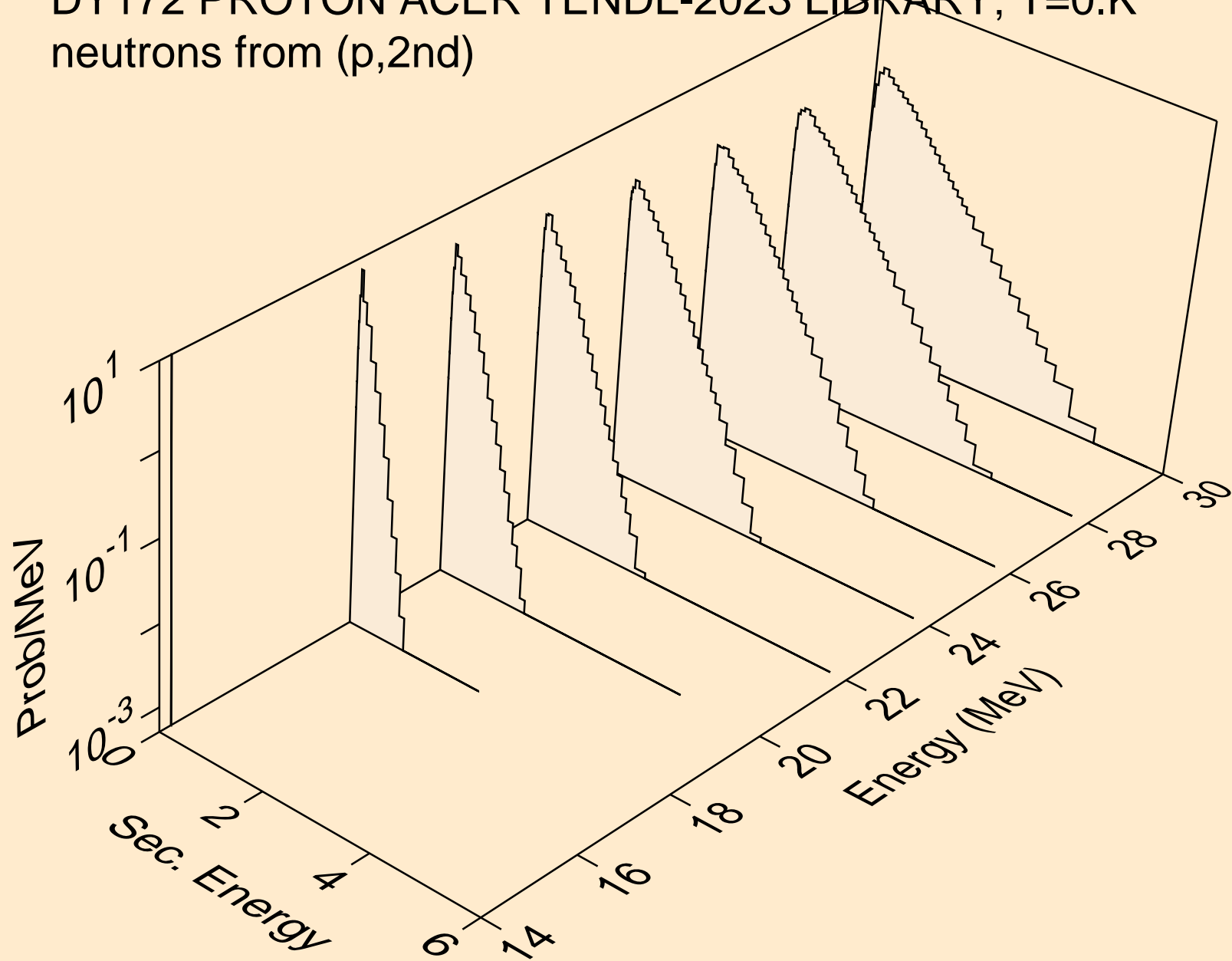
DY172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



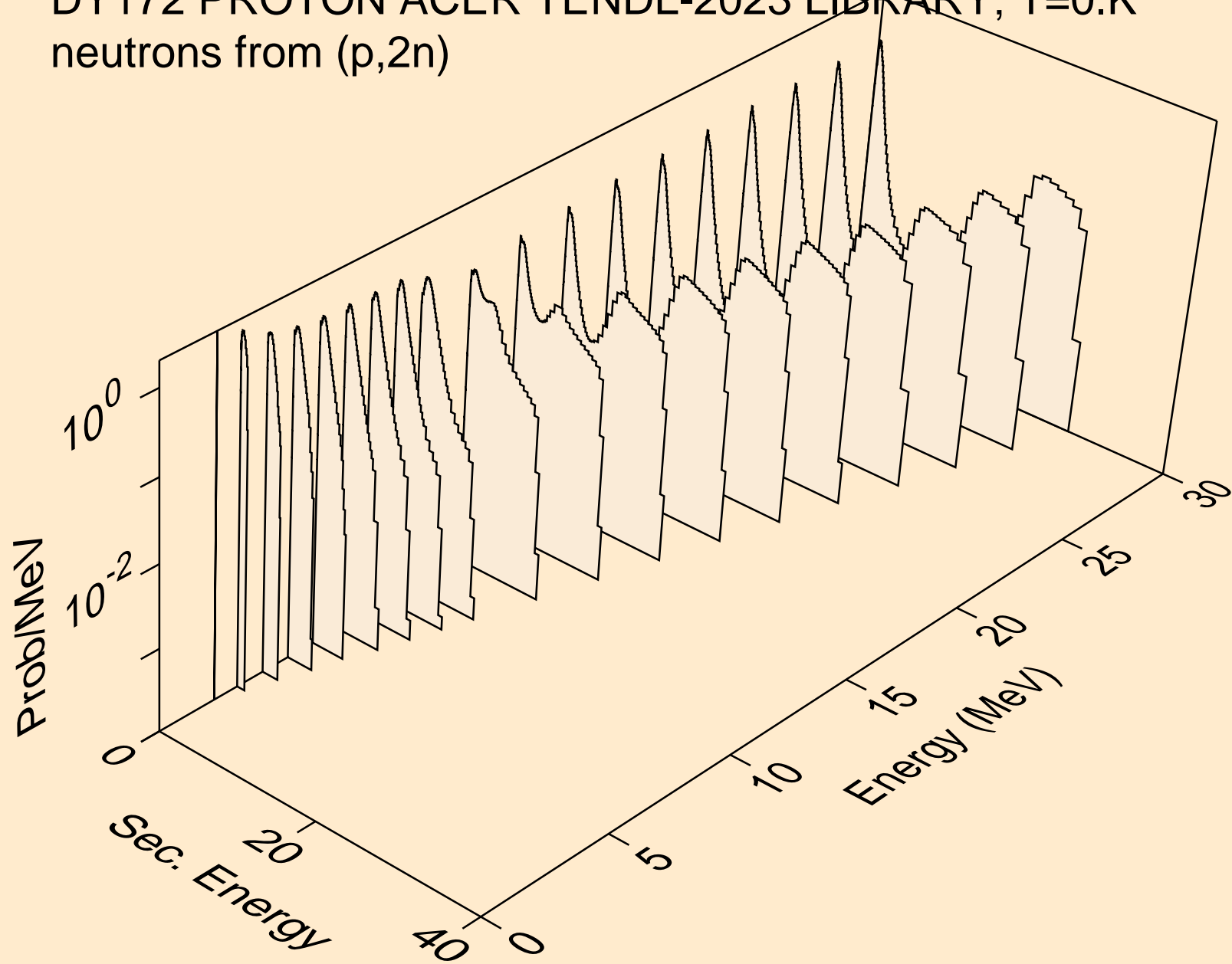
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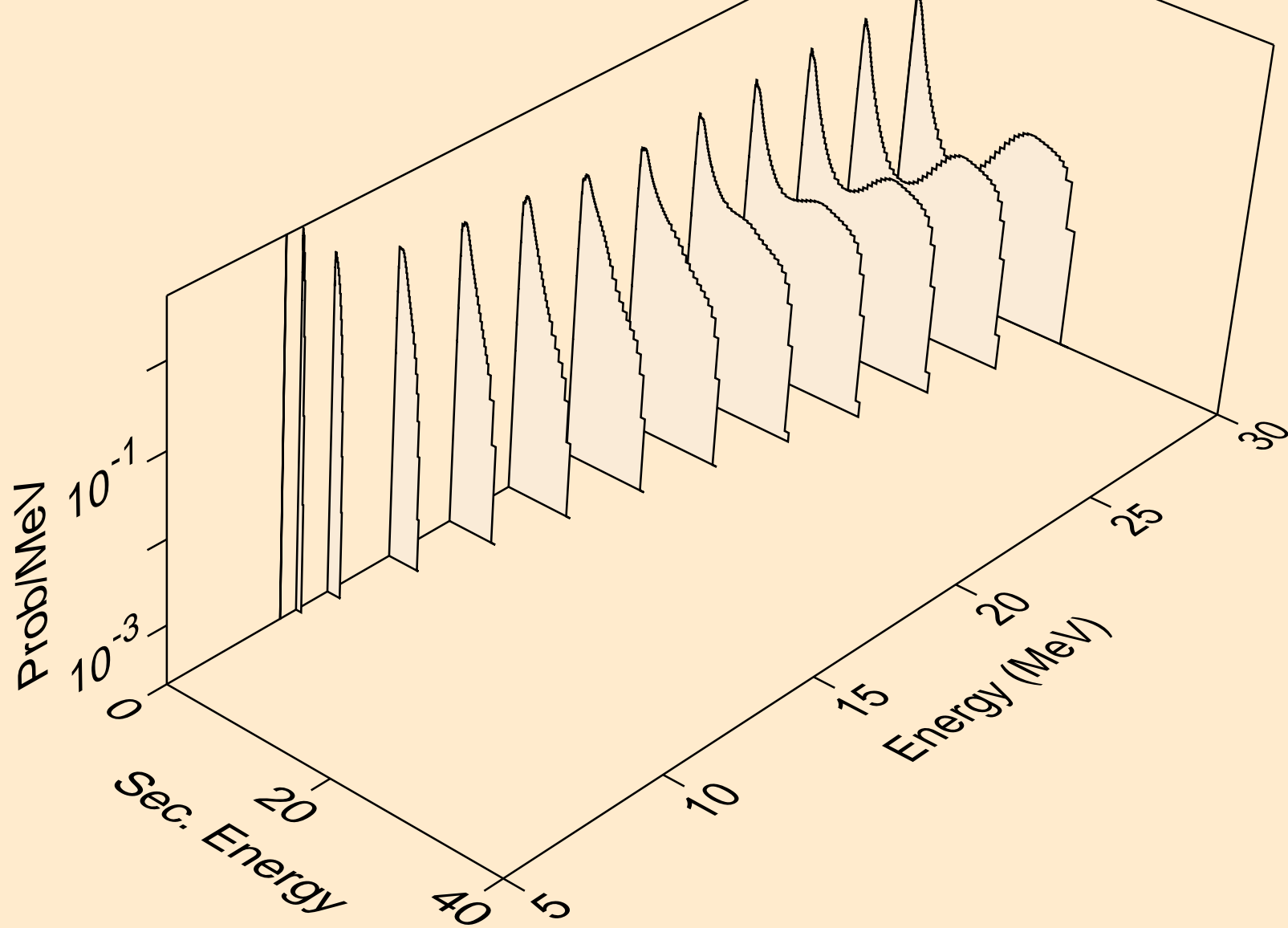
DY172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2nd)



DY172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)

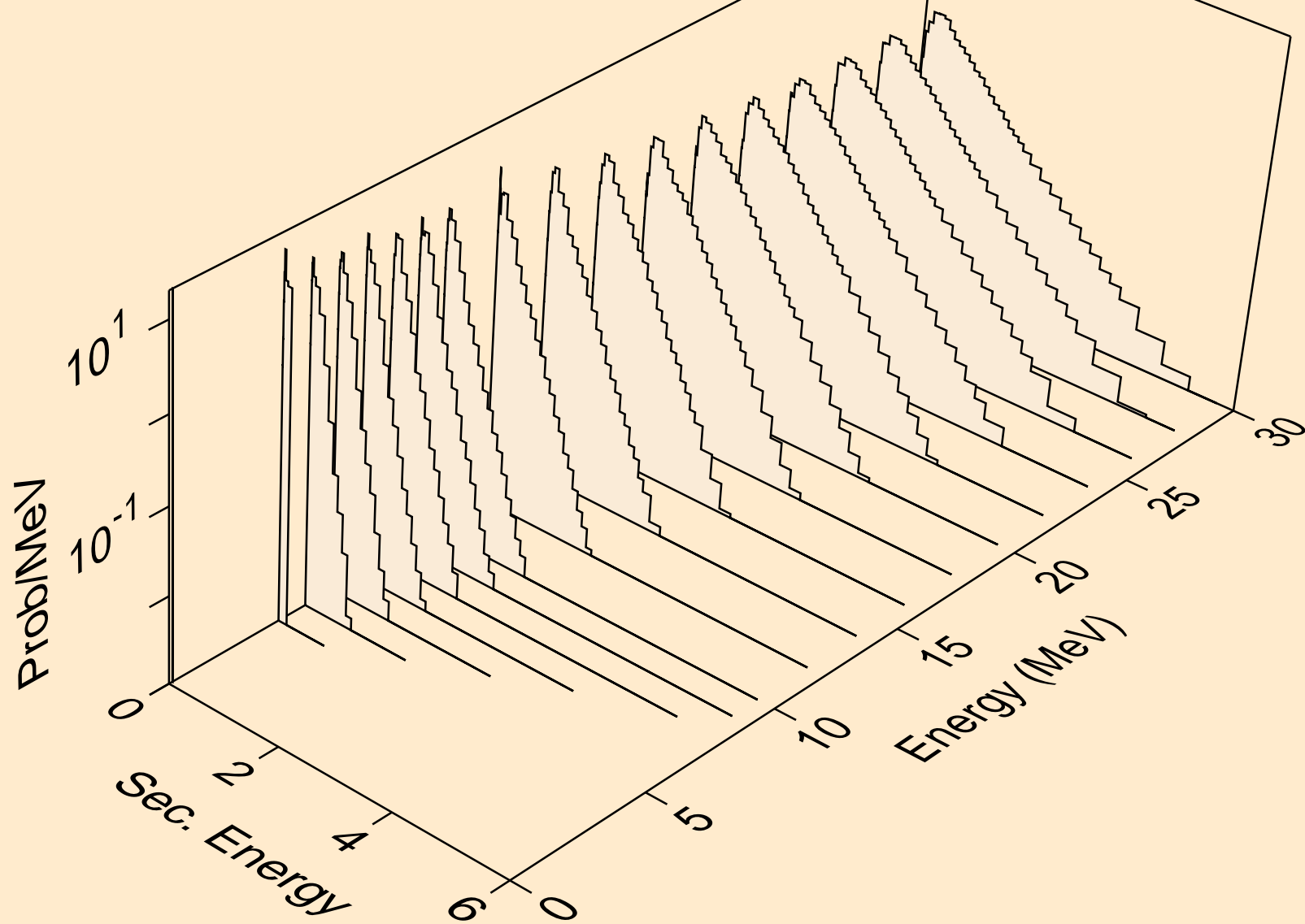


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neutrons from (p,3n)

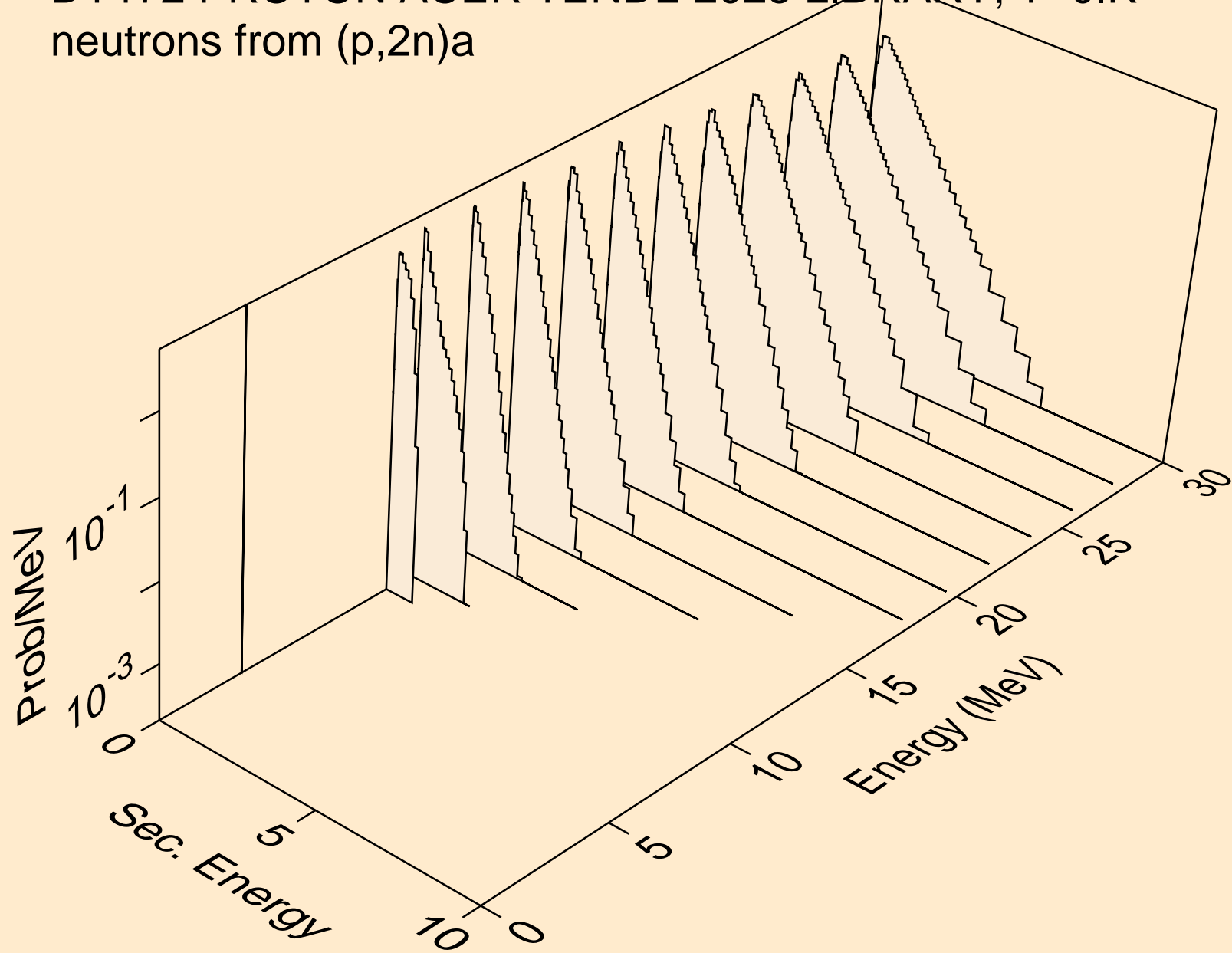




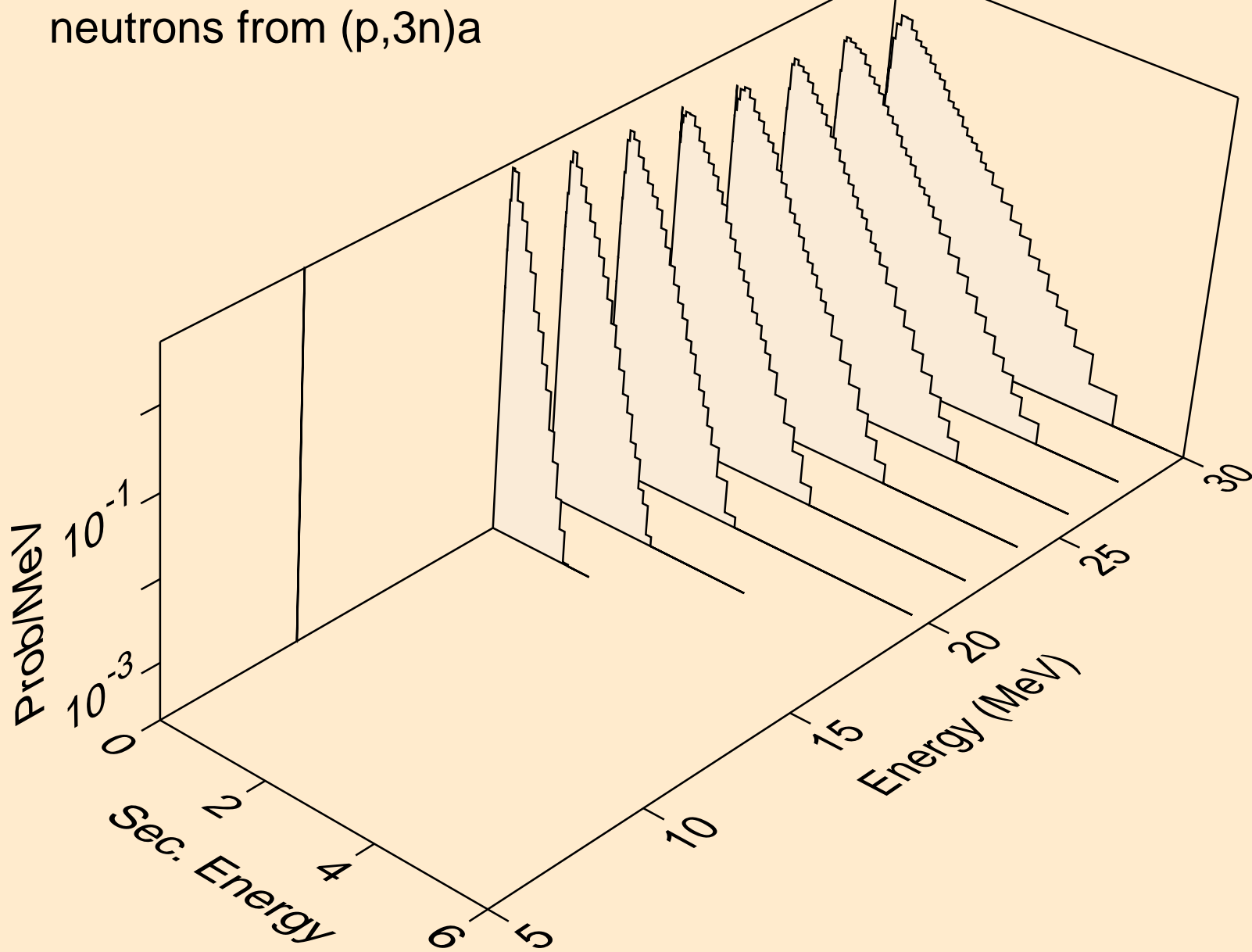
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neutrons from (p,n\*)a



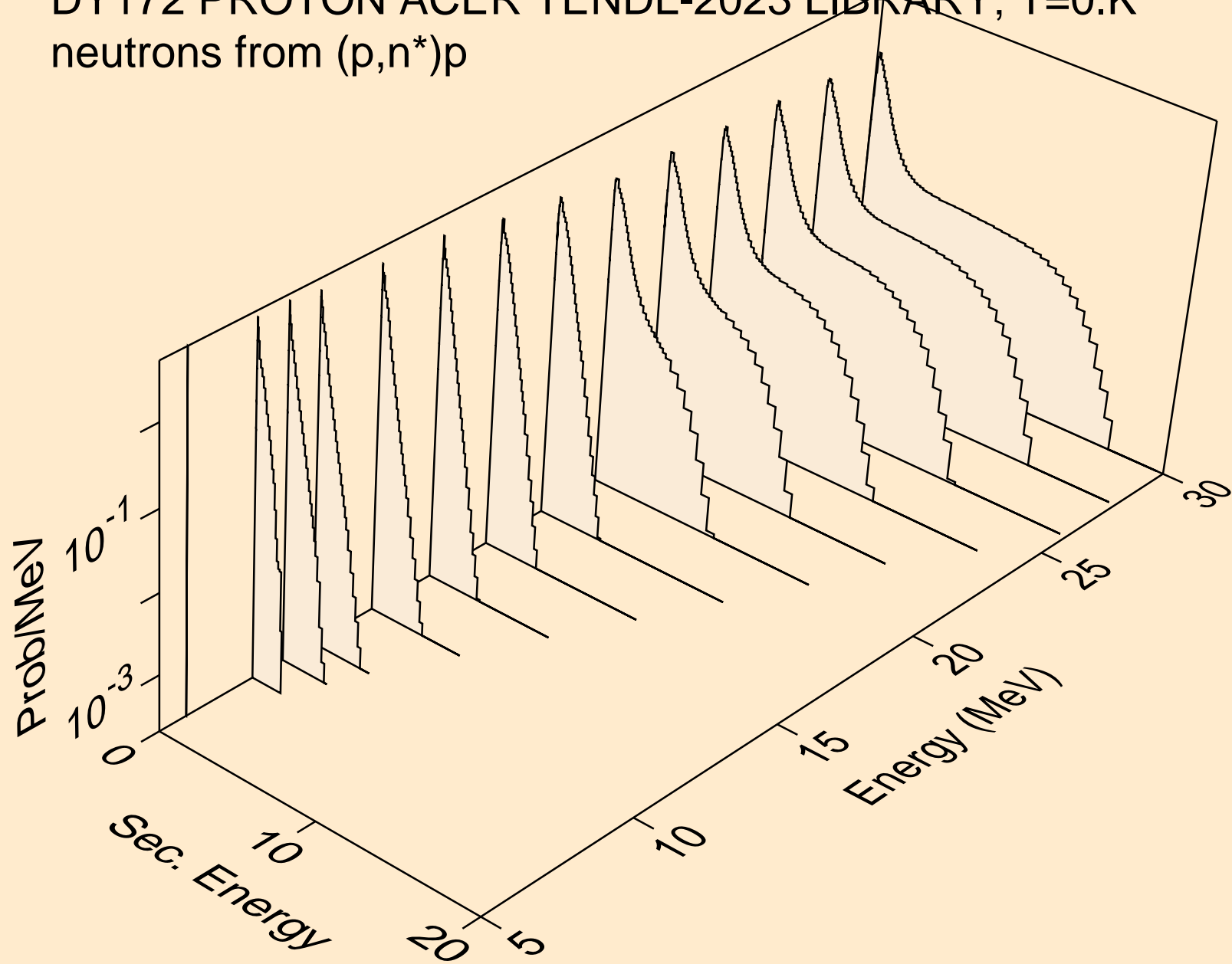
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neutrons from (p,2n)a



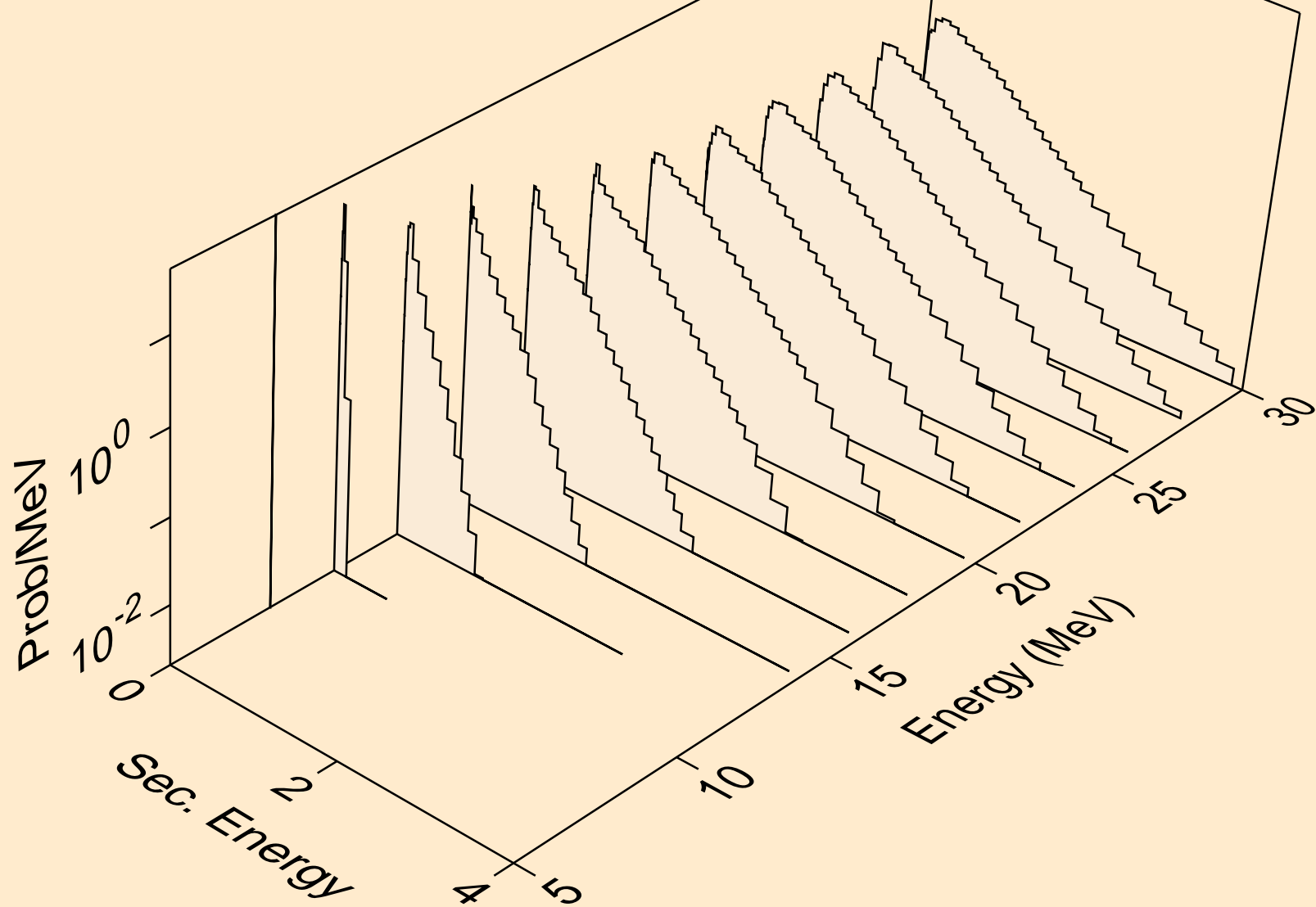
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neutrons from (p,3n)a



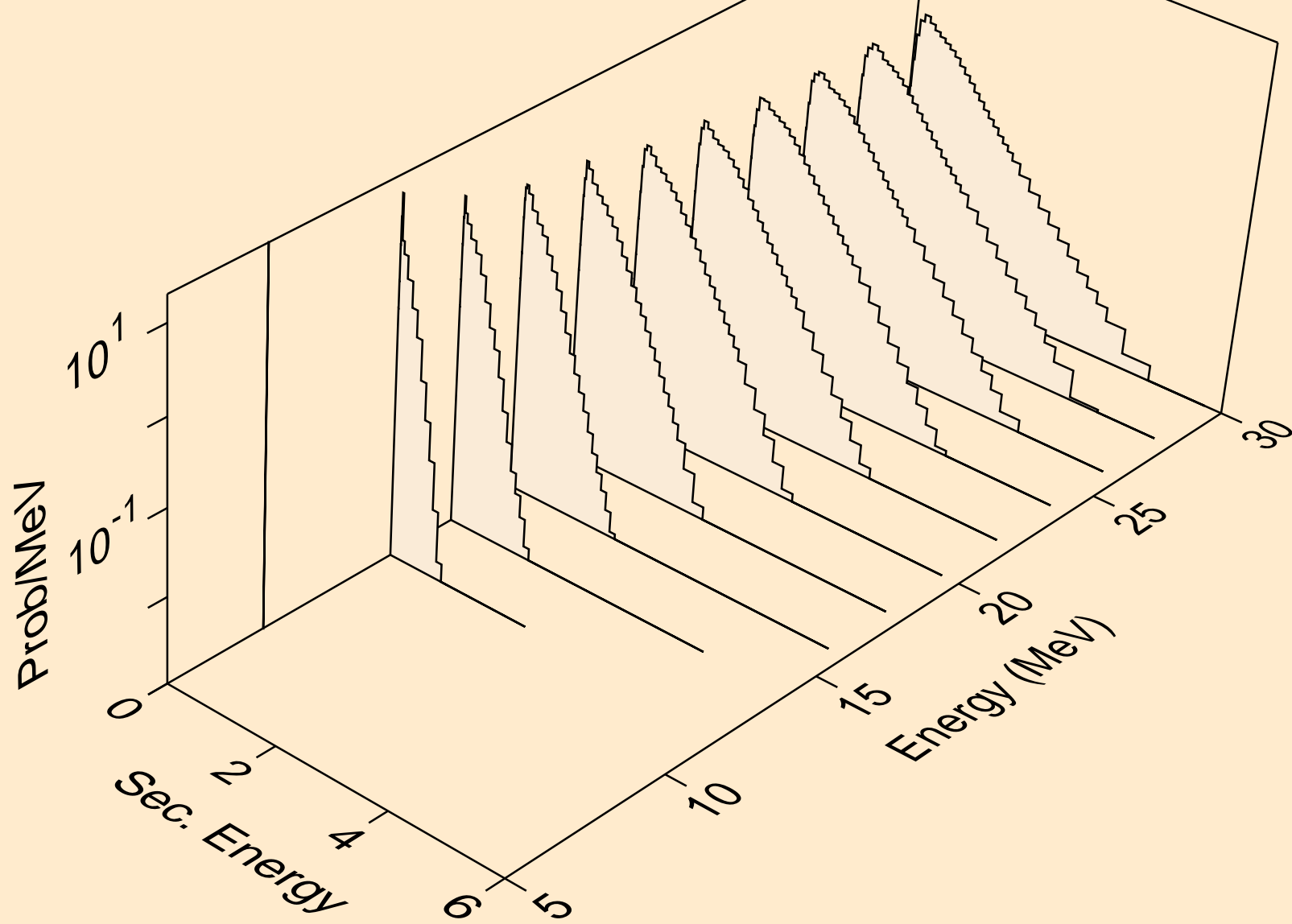
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neutrons from (p,n\*)p



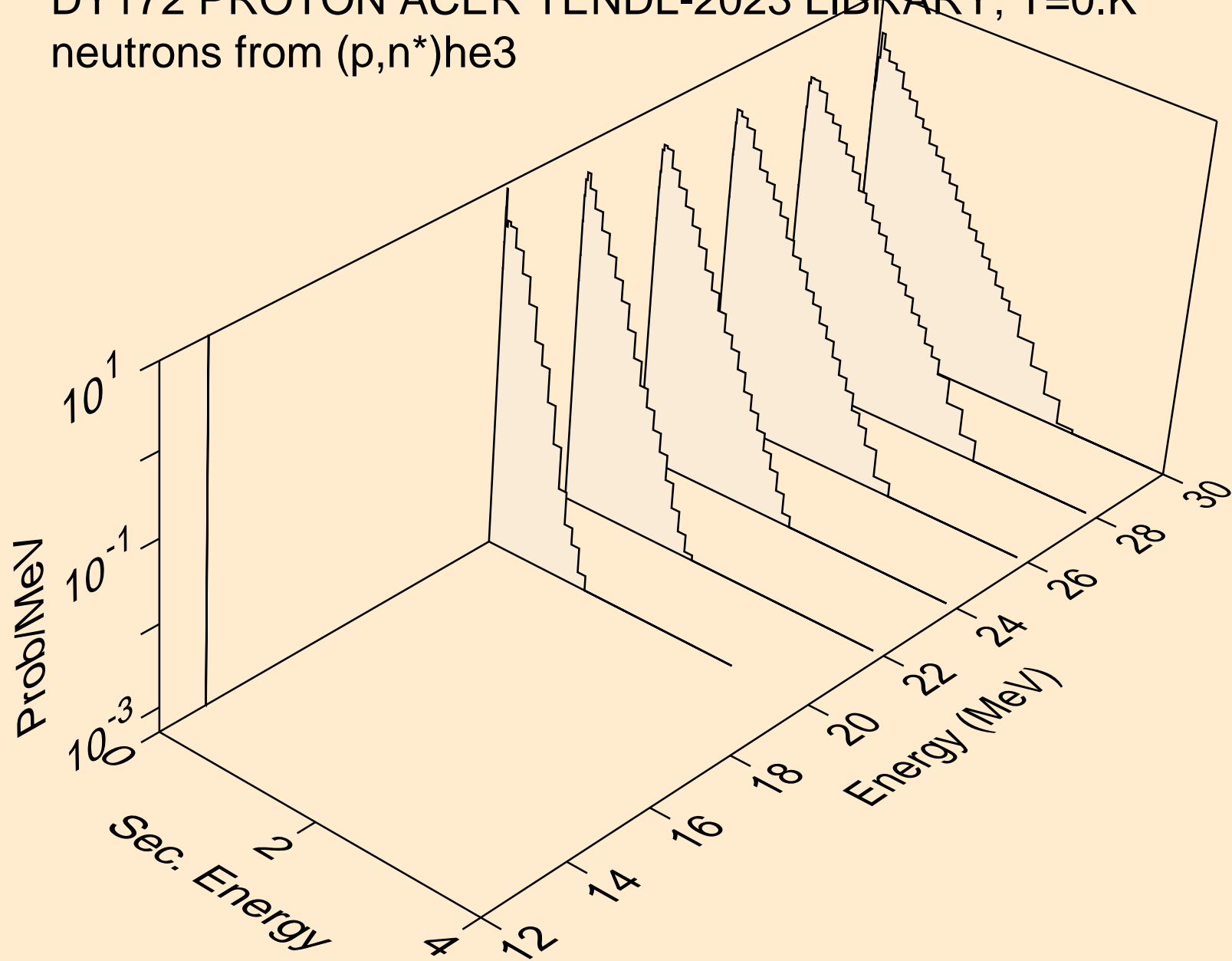
DY172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)d



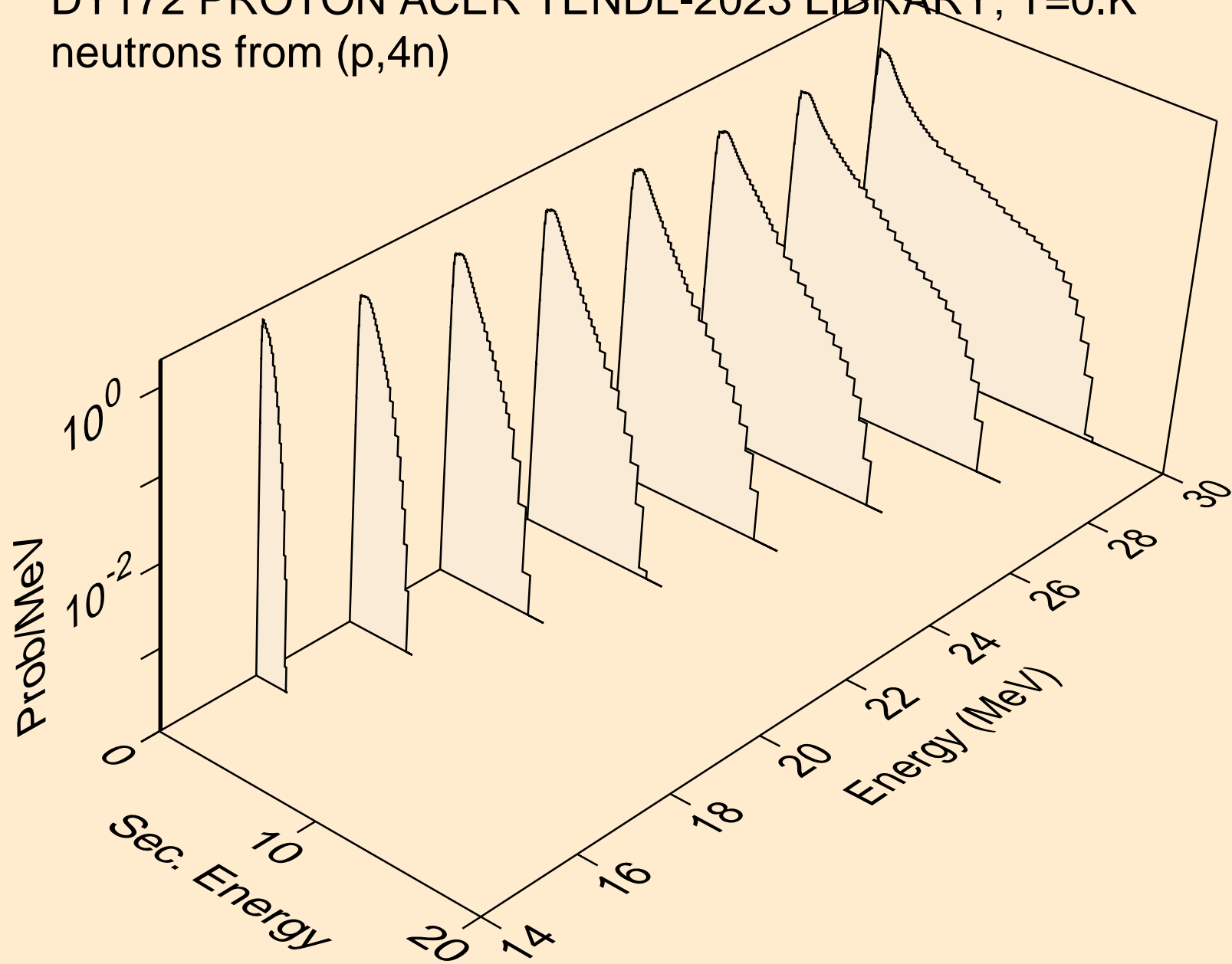
DY172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)t



DY172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3

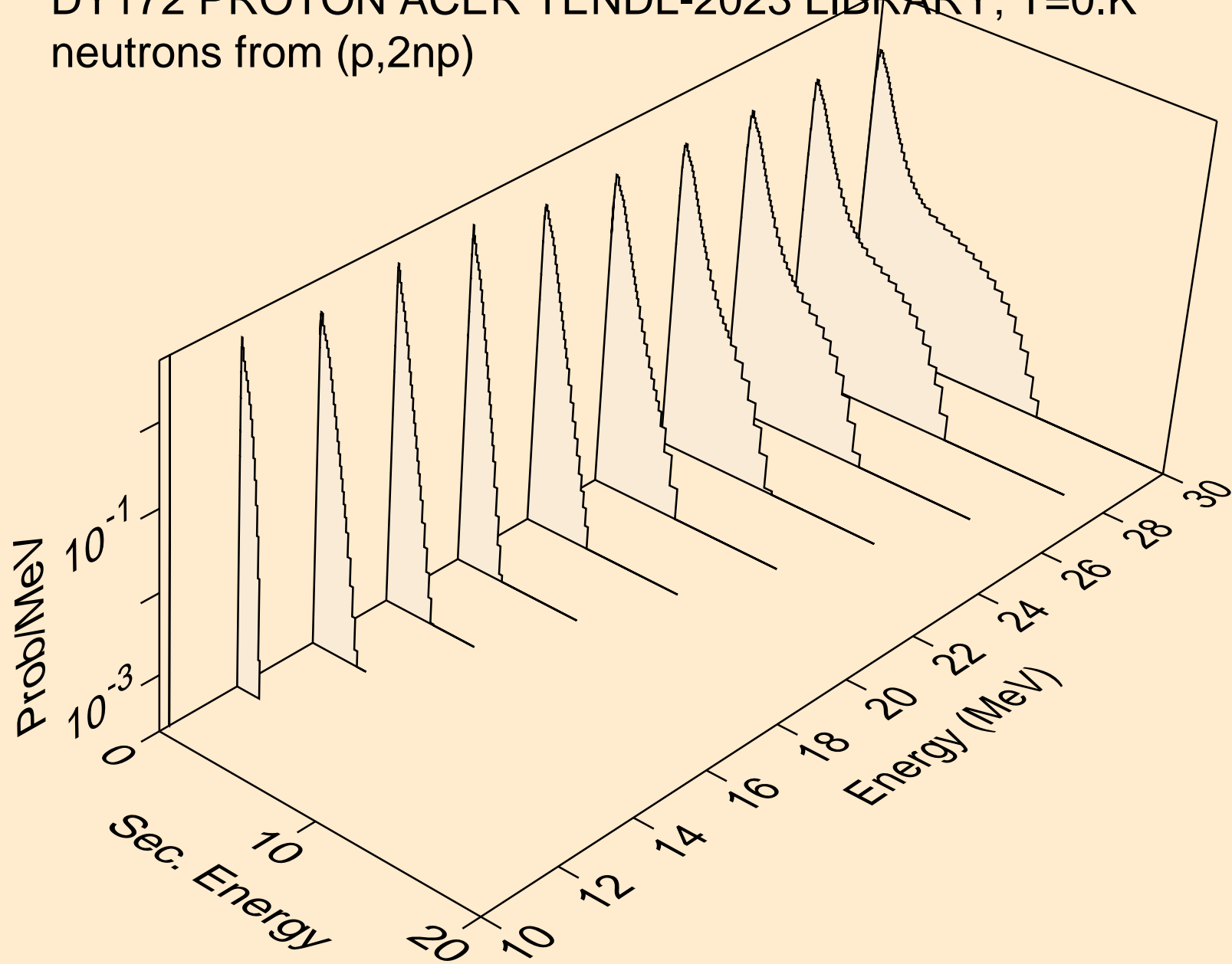


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neutrons from (p,4n)

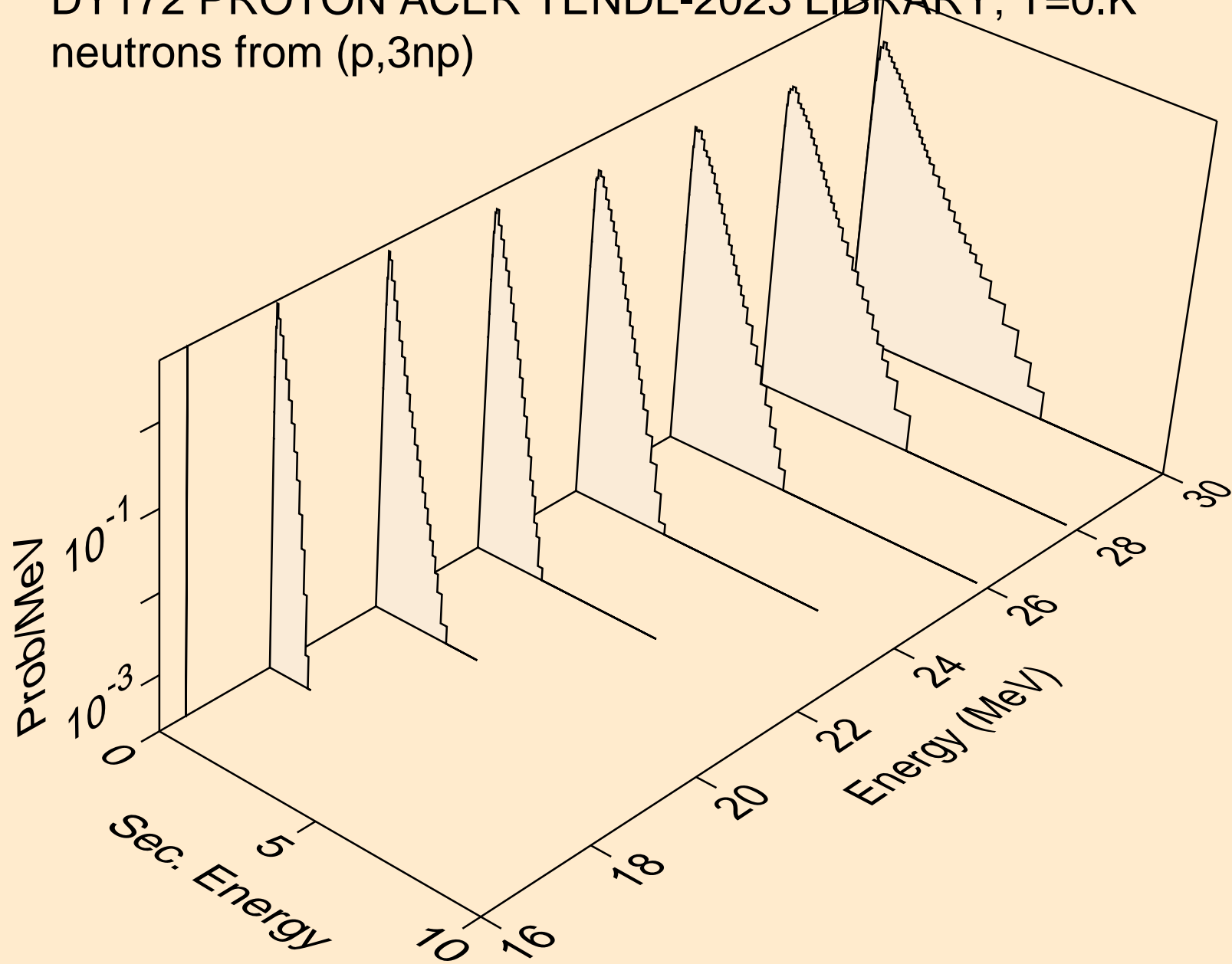




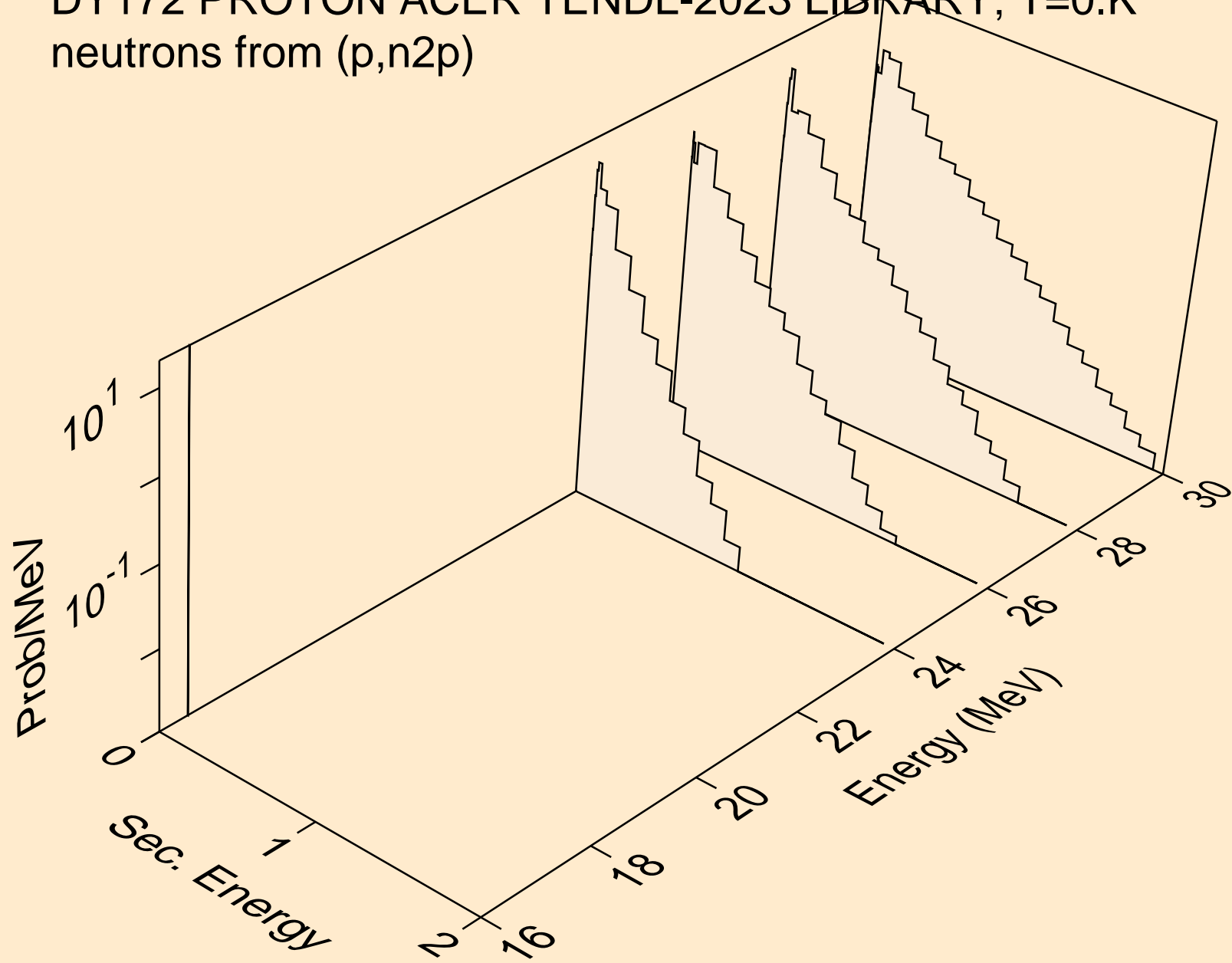
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neutrons from (p,2np)



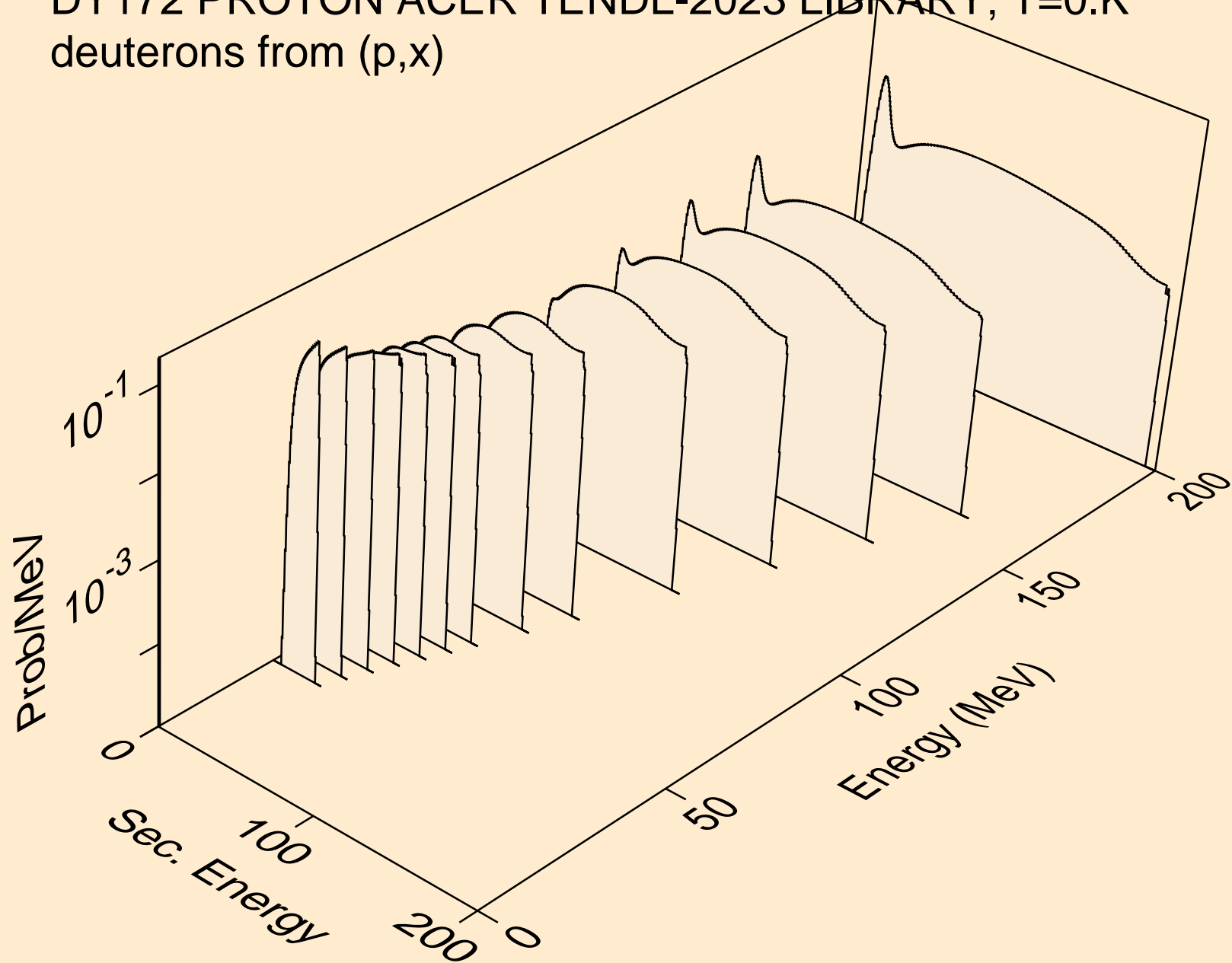
DY172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3np)



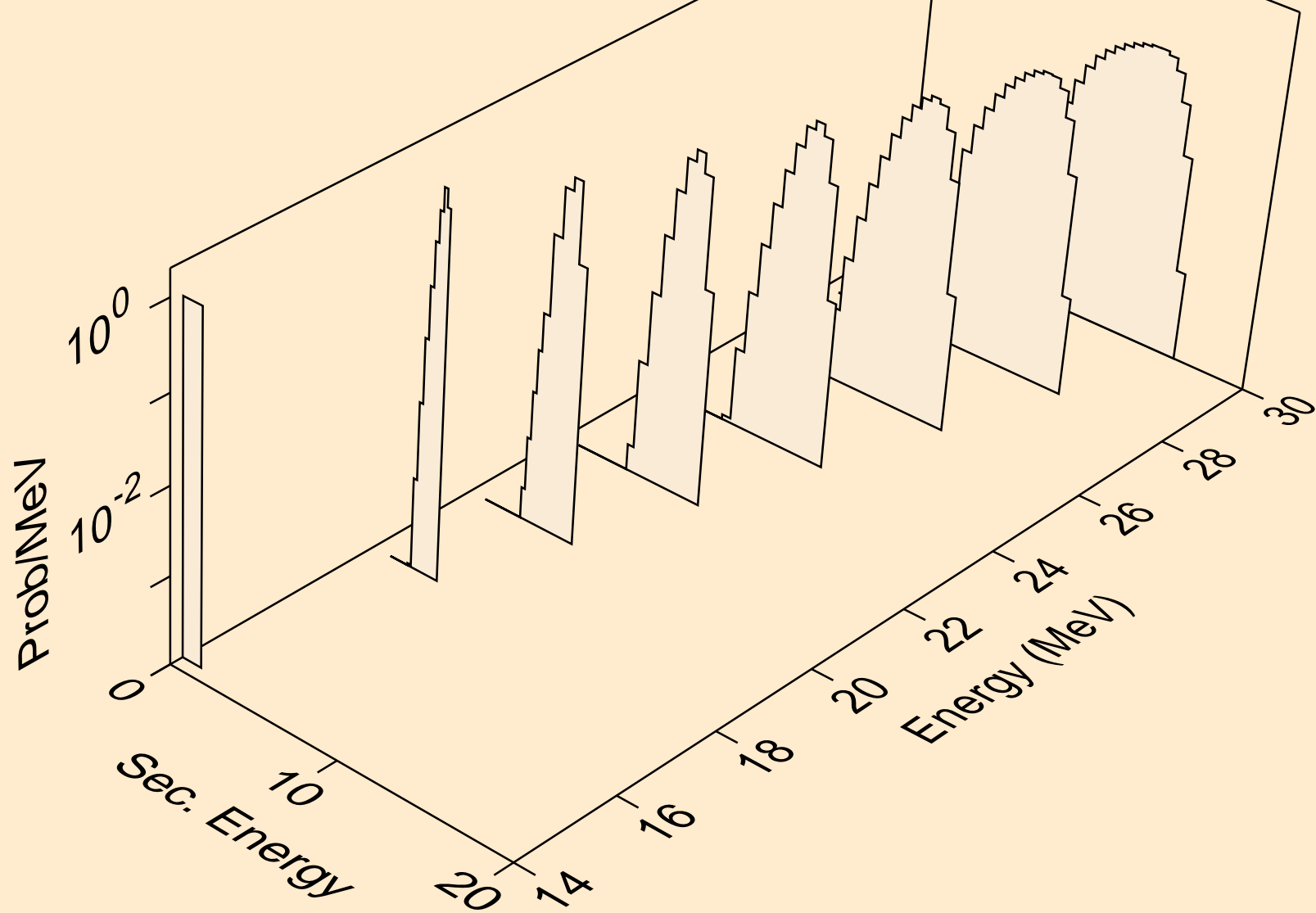
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neutrons from (p,n2p)



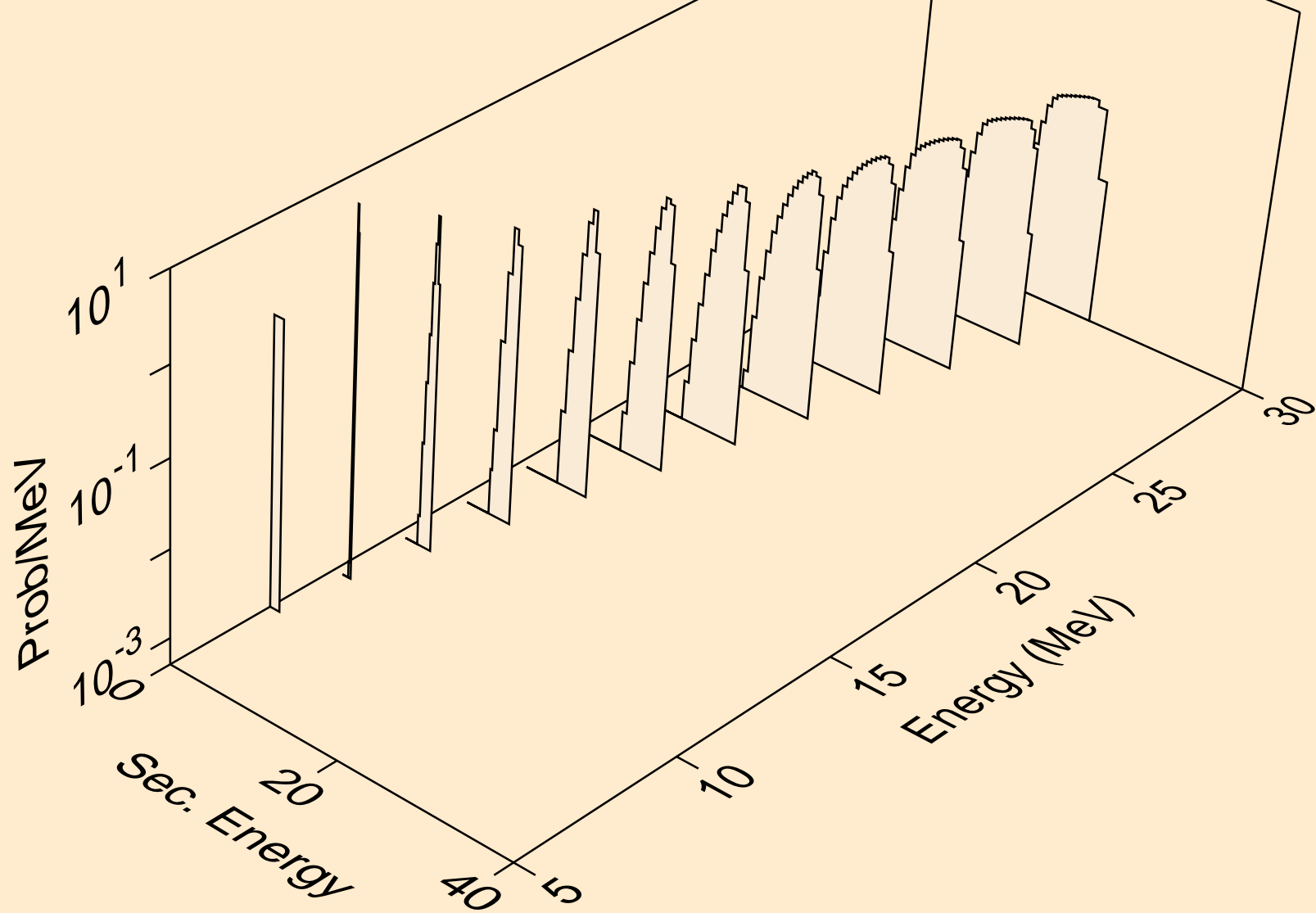
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deuterons from (p,x)



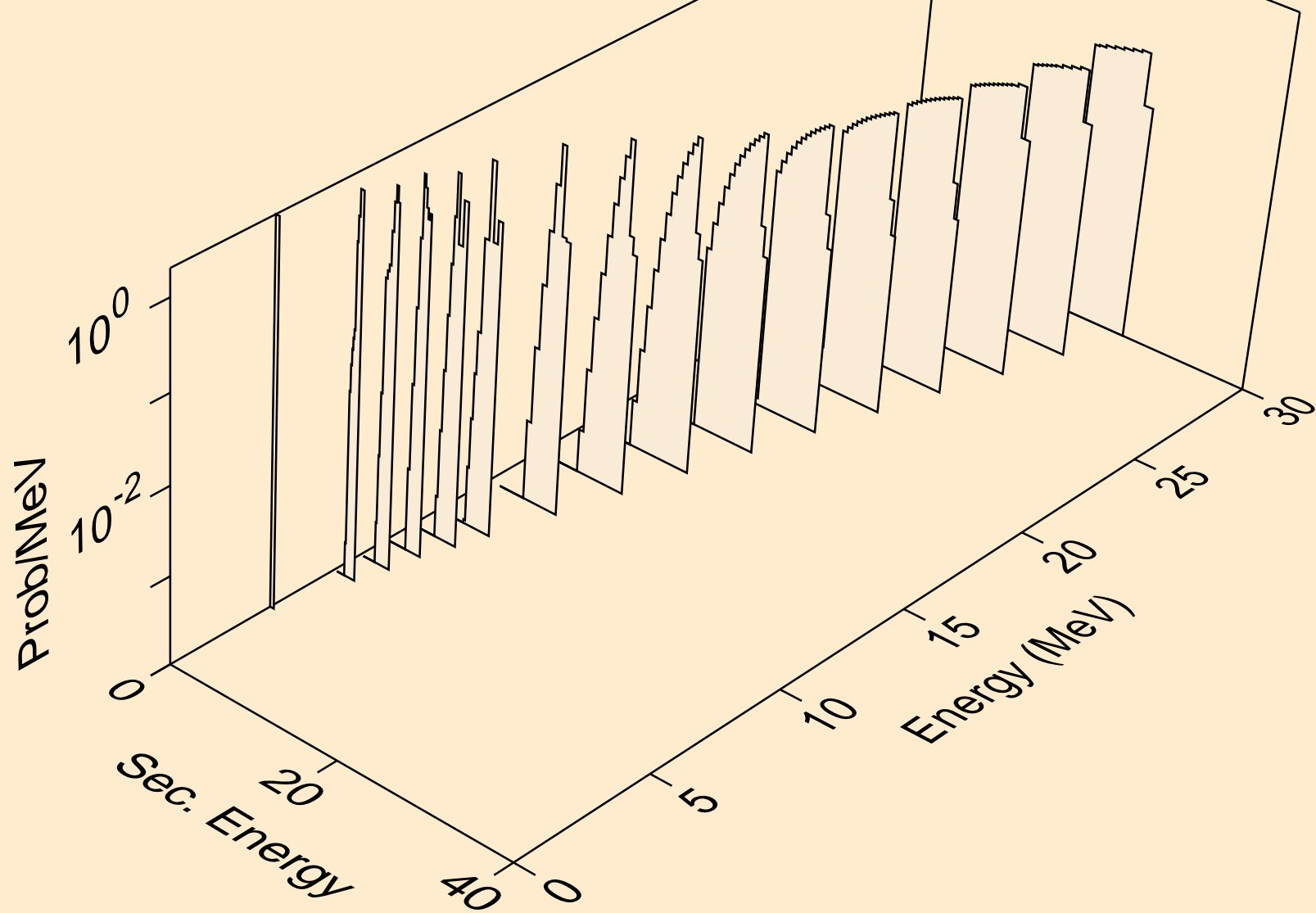
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deuterons from (p,2nd)



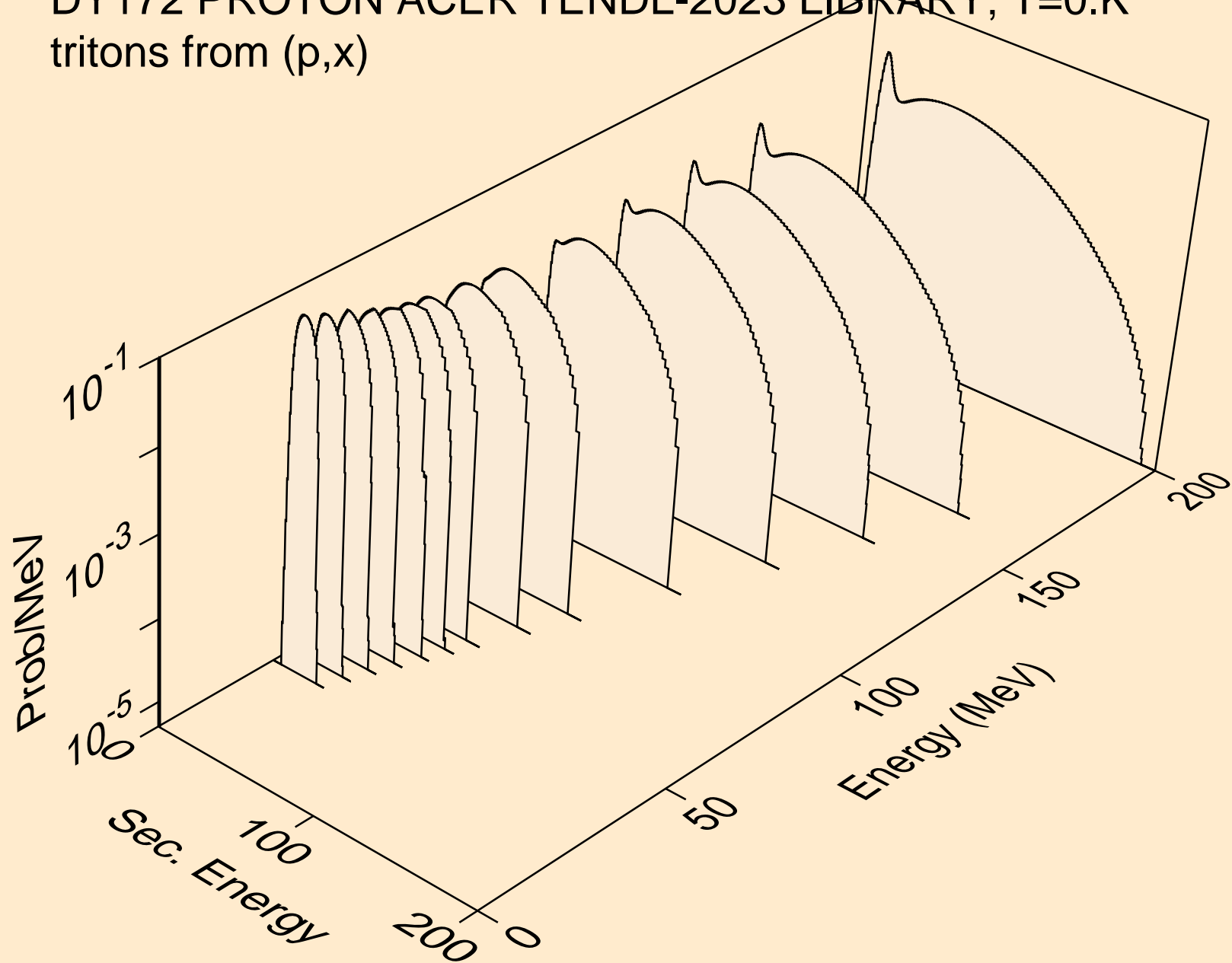
DY172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,n\*)d



DY172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,d)

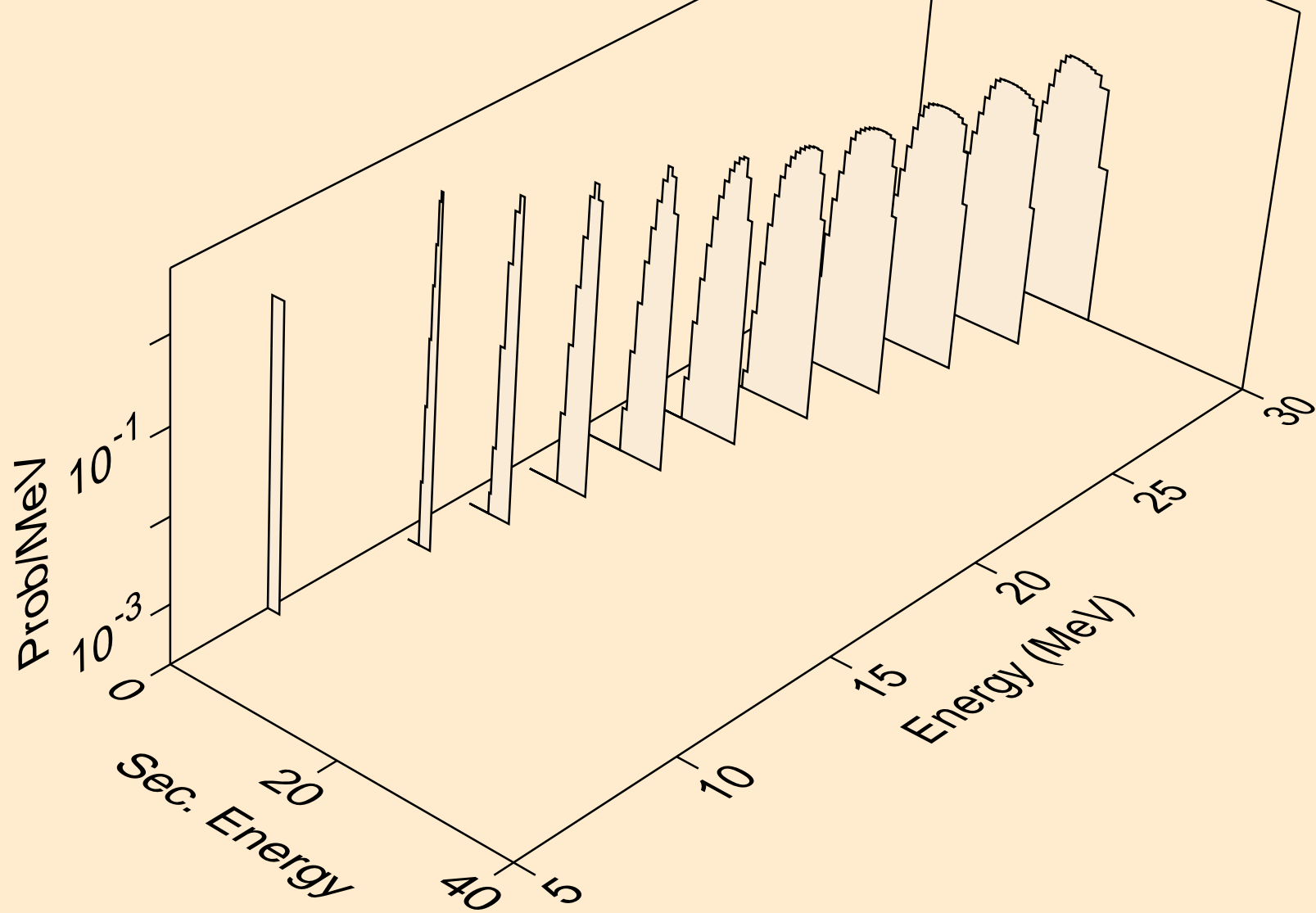


DY172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)

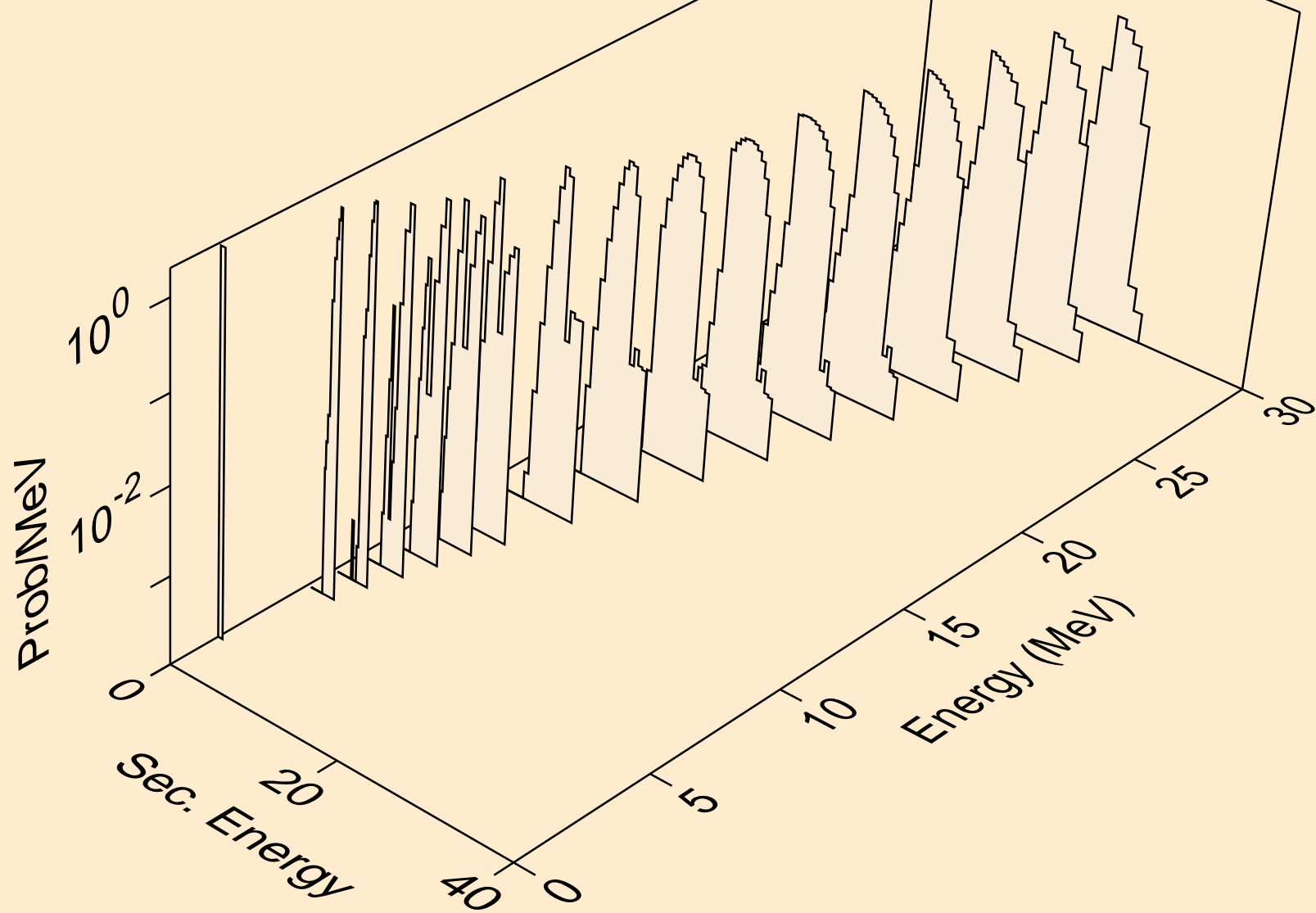




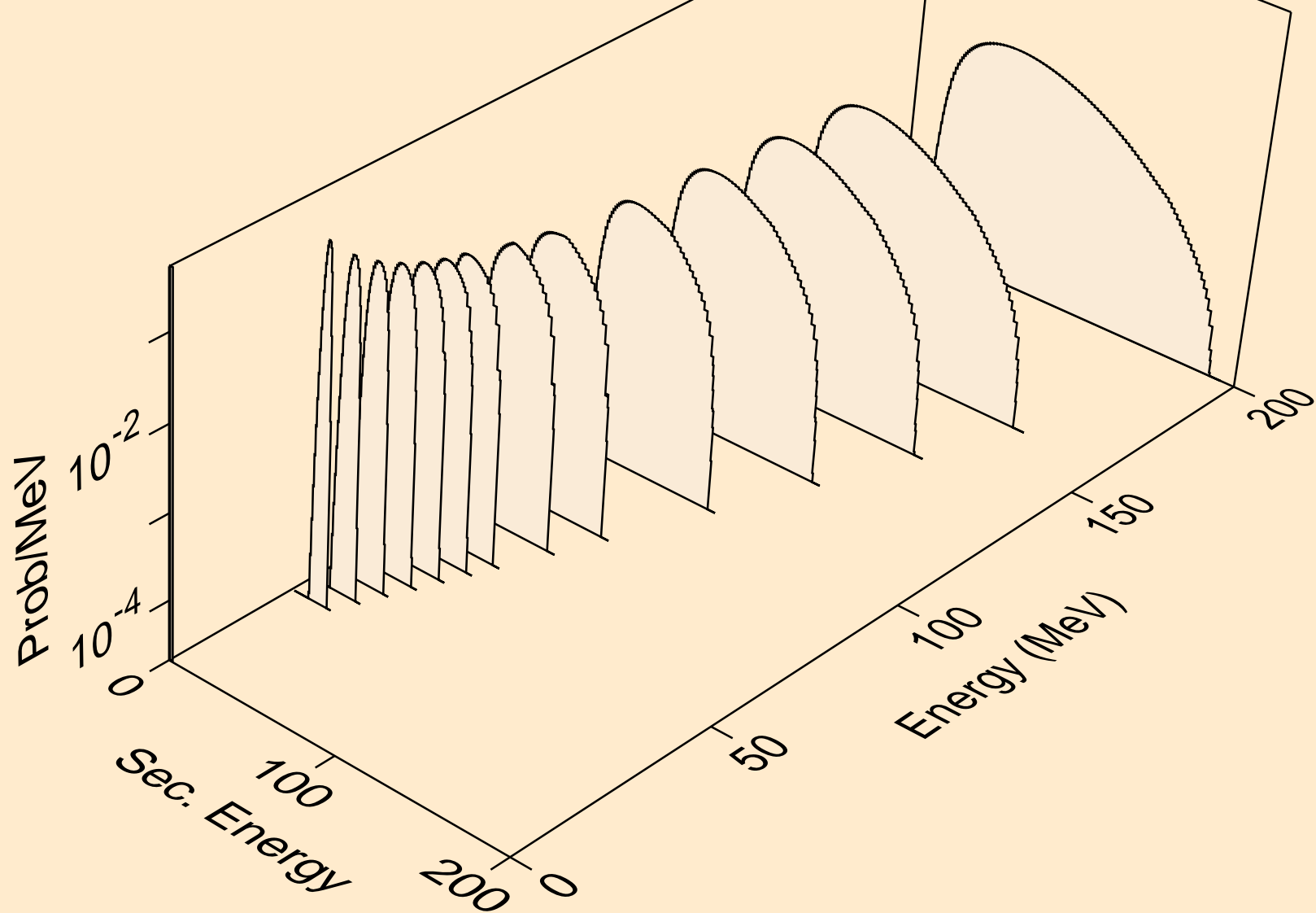
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tritons from (p,n\*)t



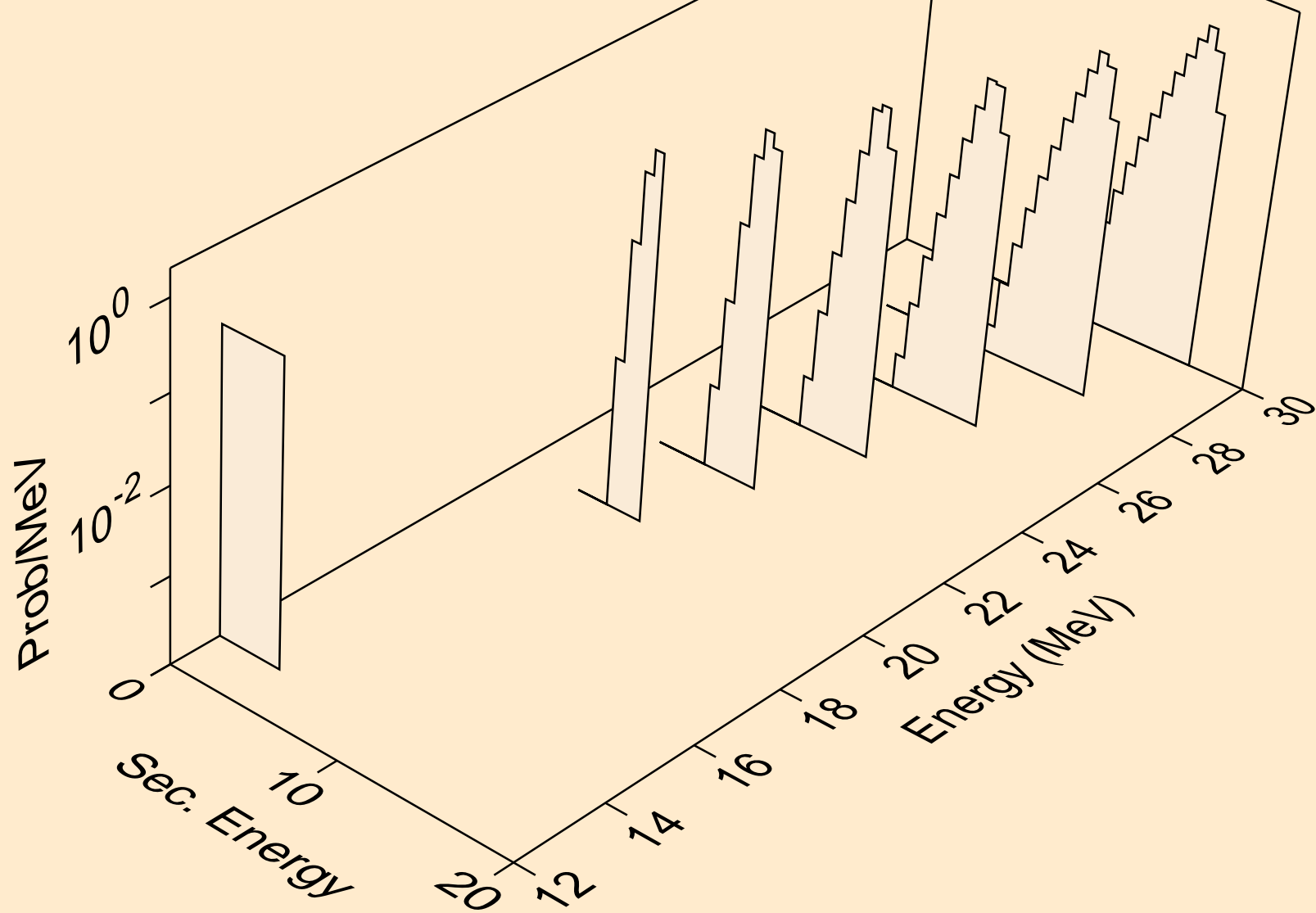
DY172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,t)



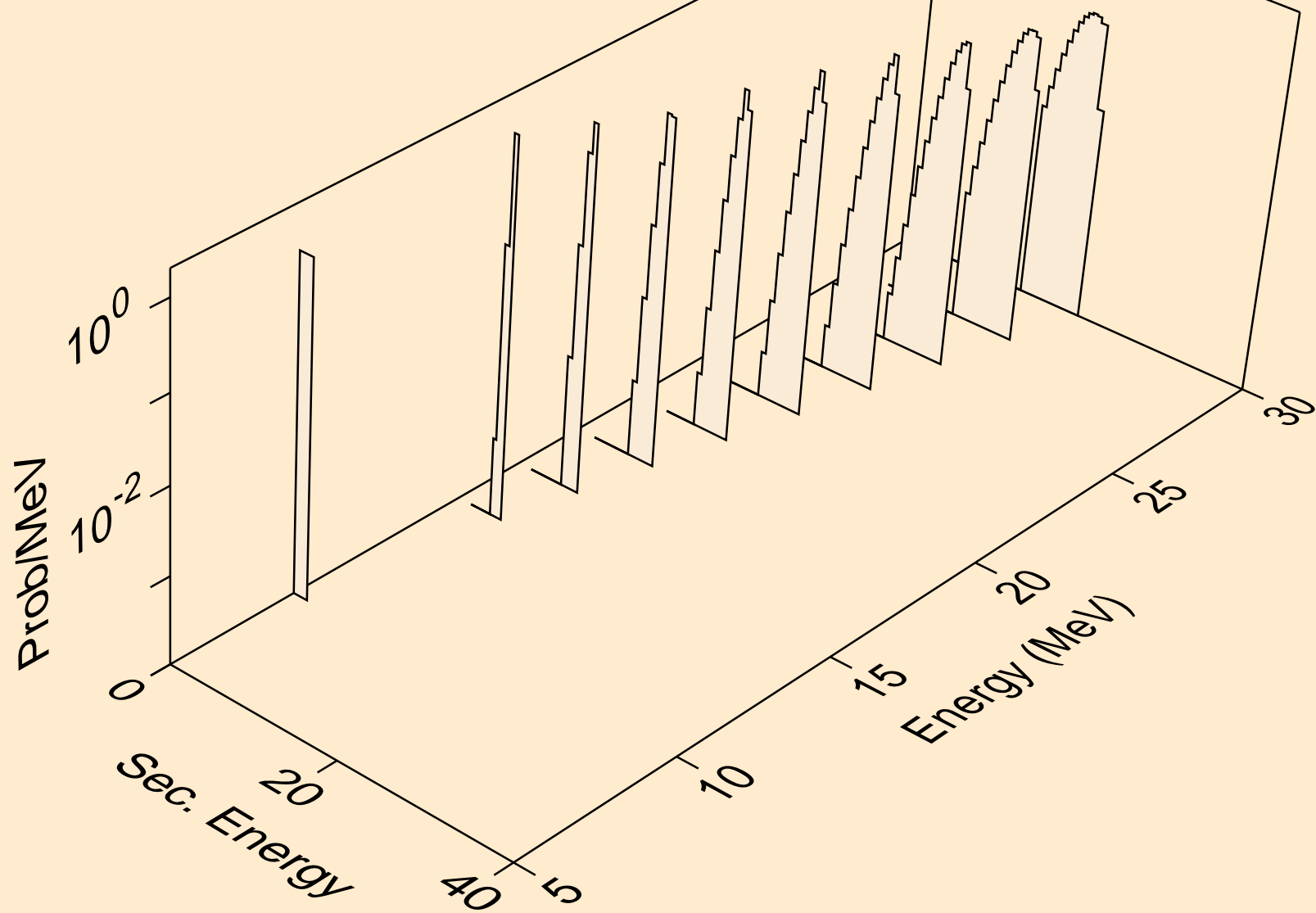
DY172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)



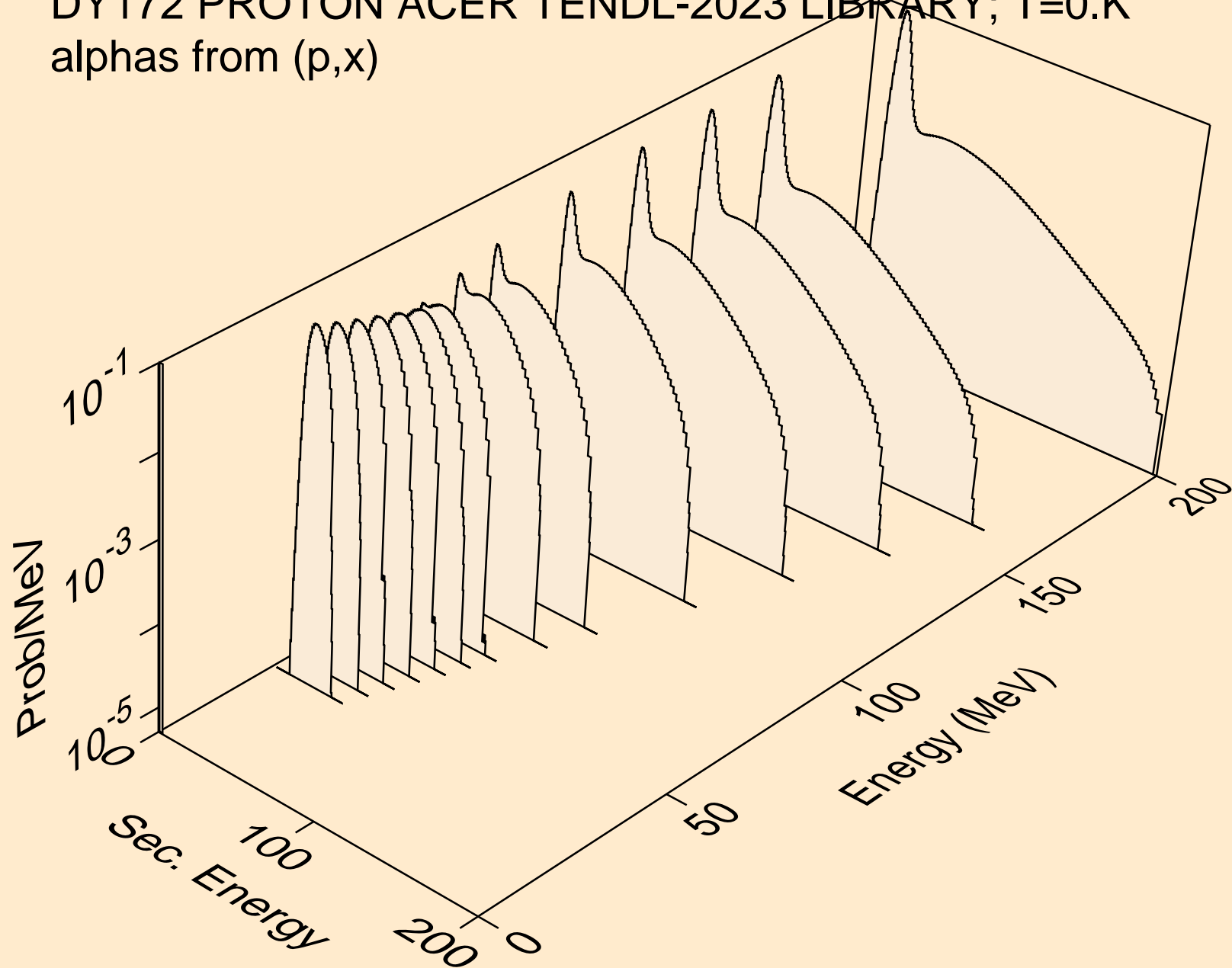
DY172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3



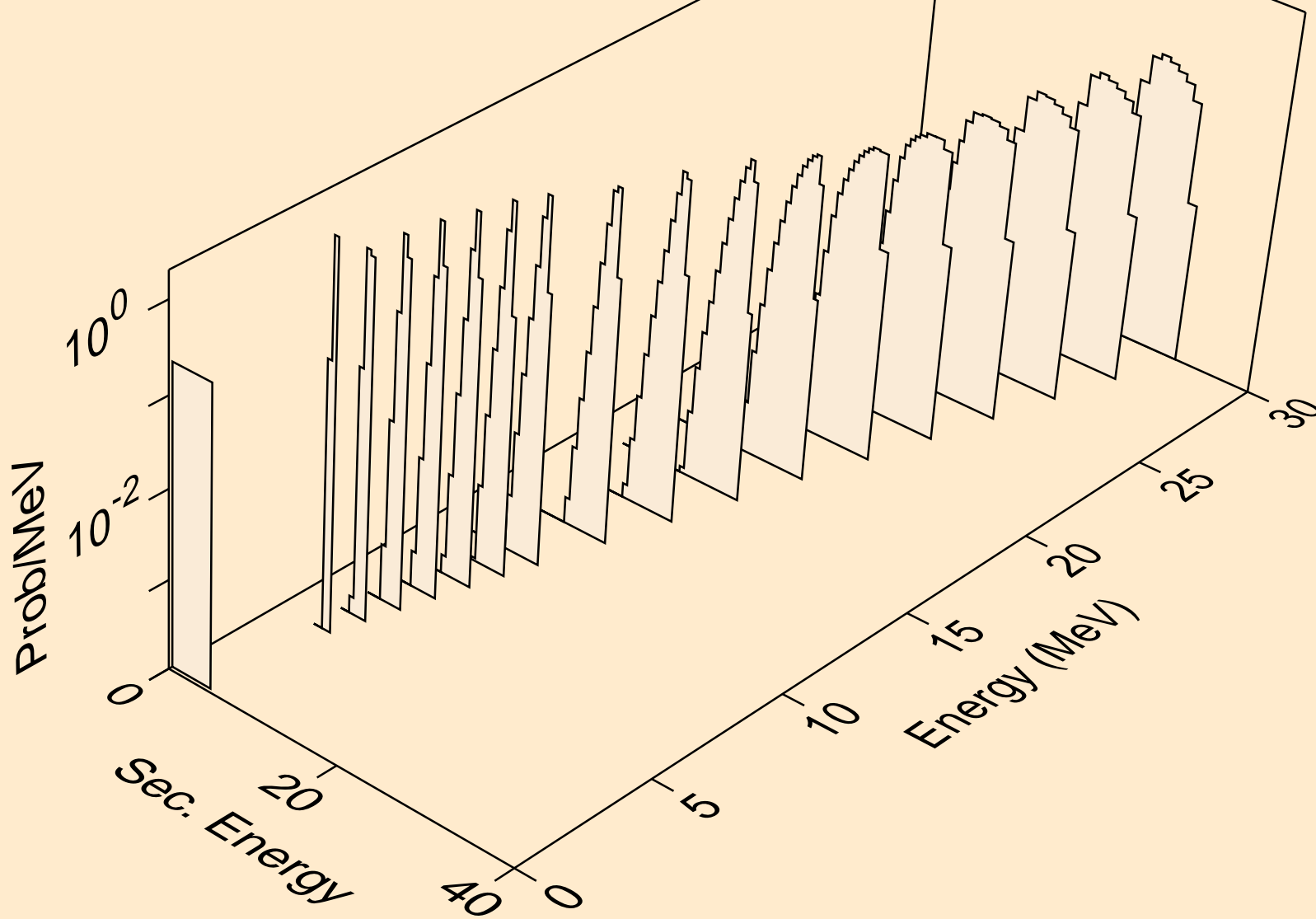
DY172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,he3)



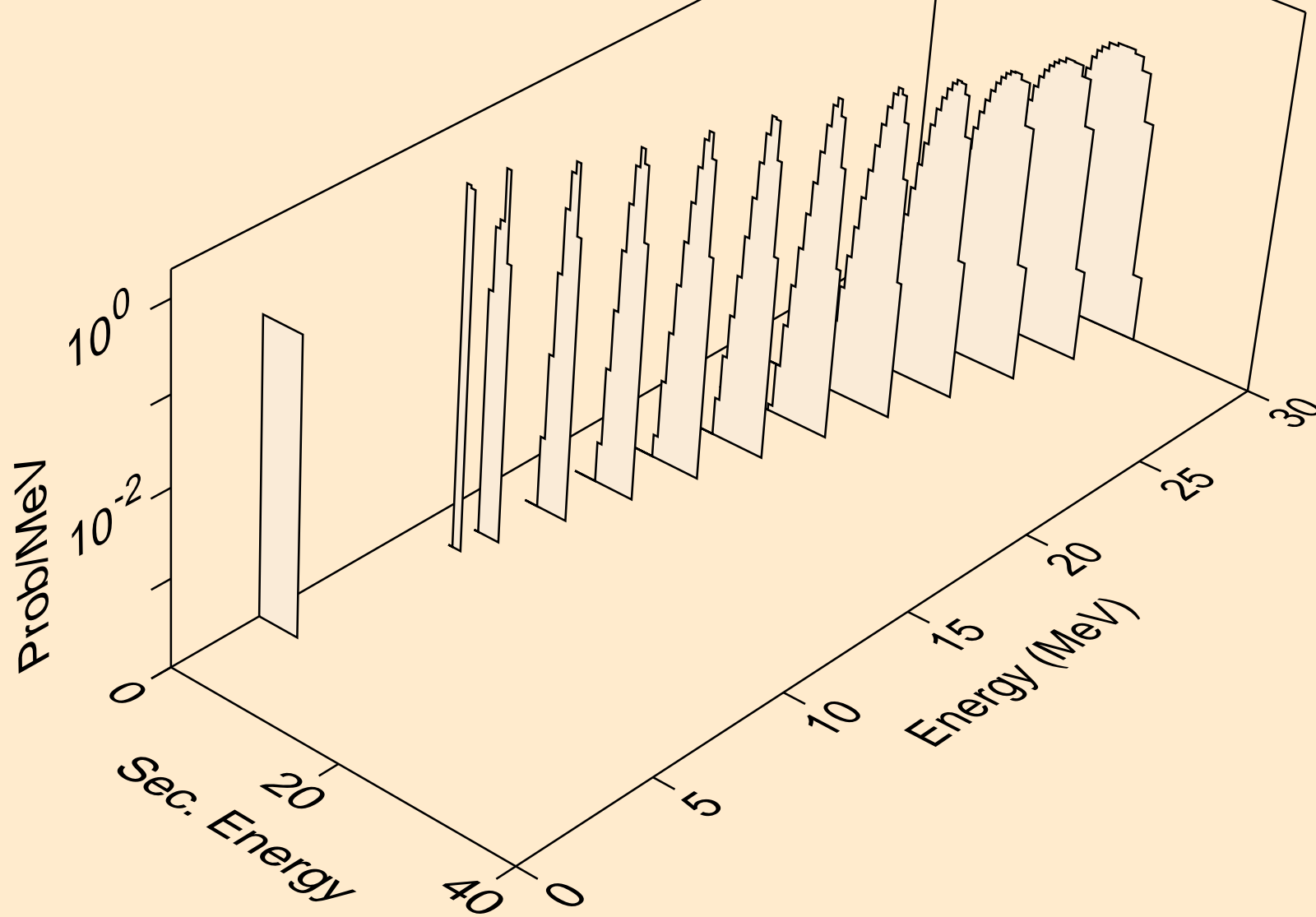
DY172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



DY172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a

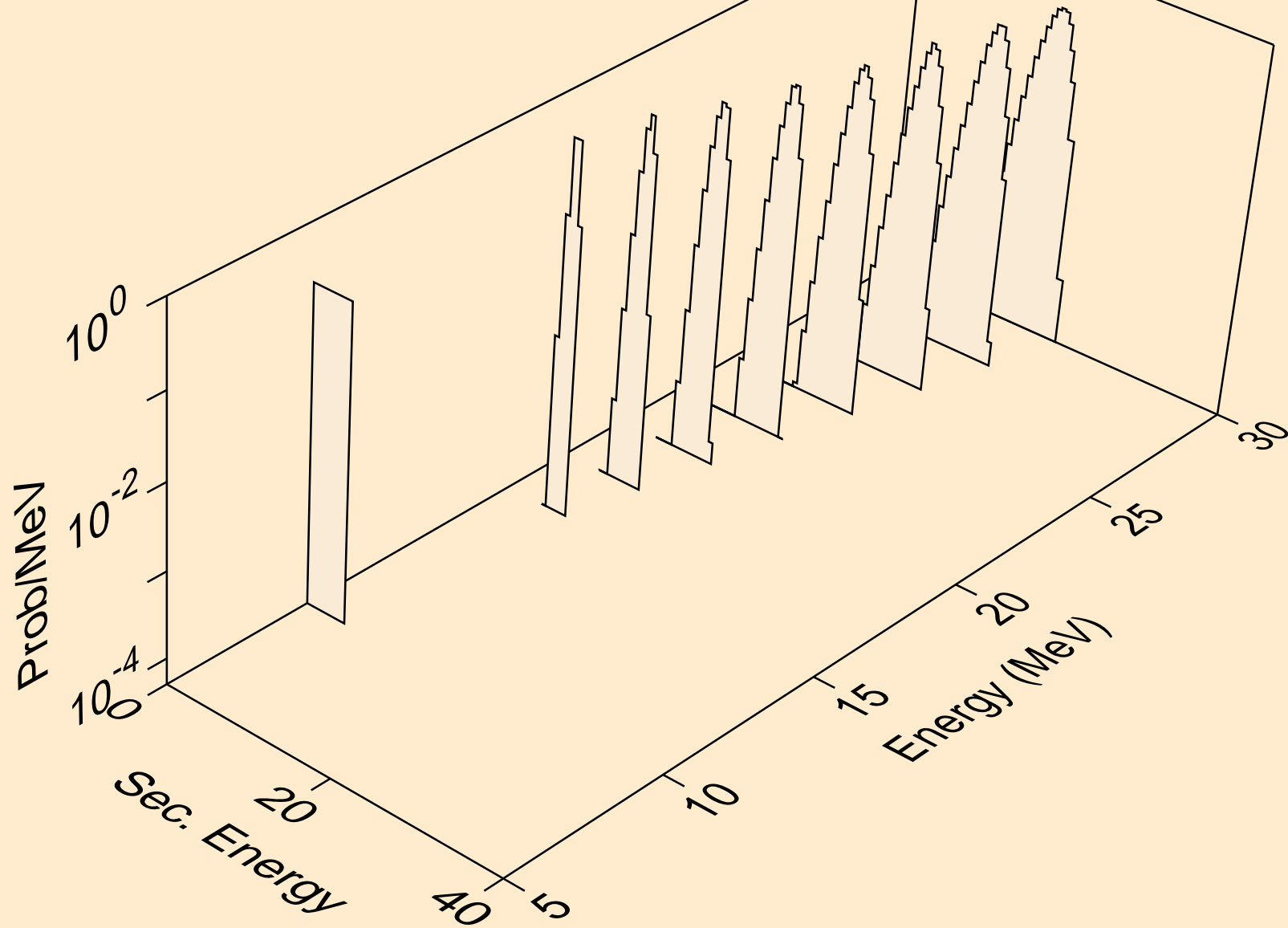


DY172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a





DY172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,3n)a



DY172 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)

