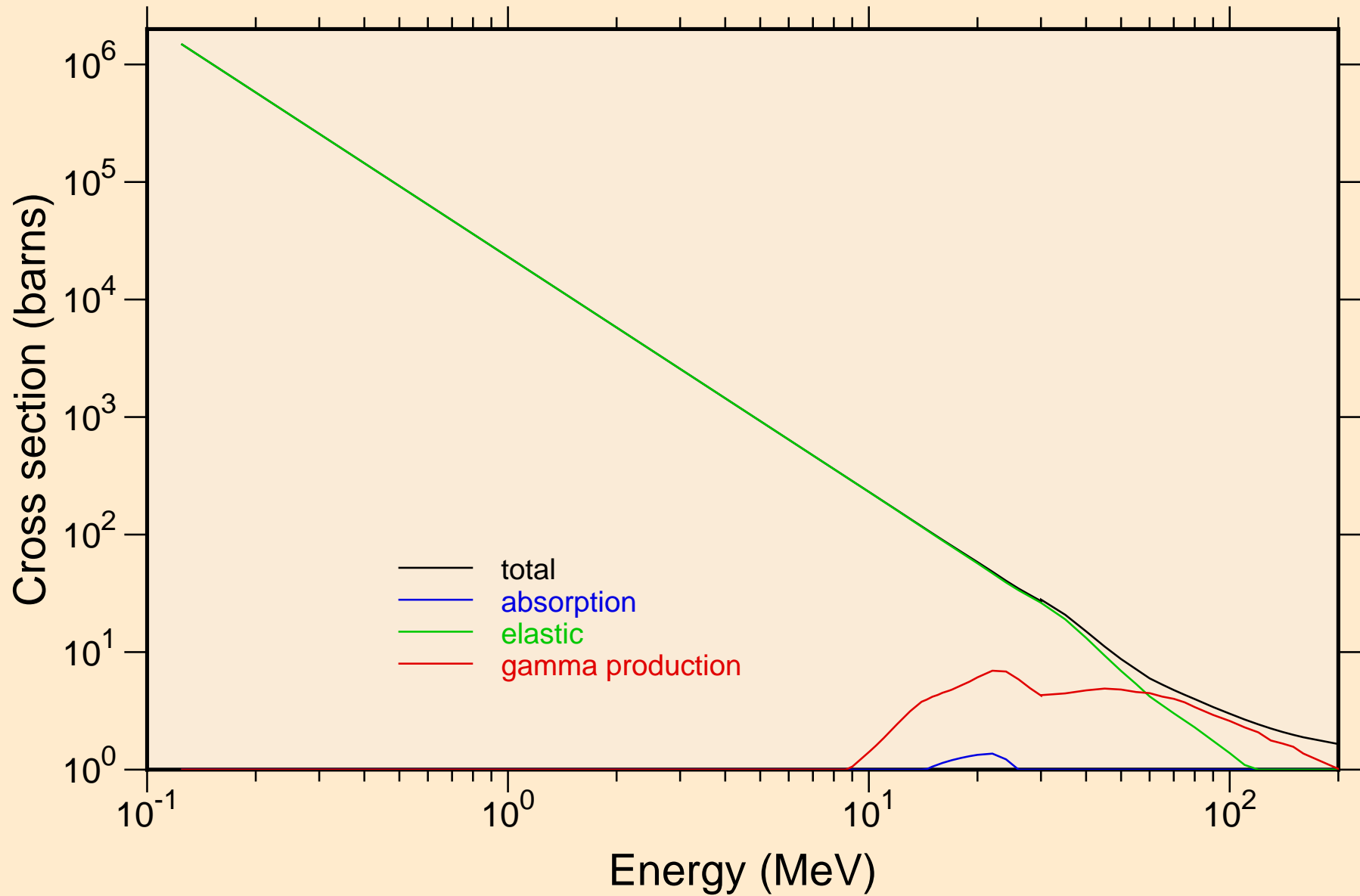
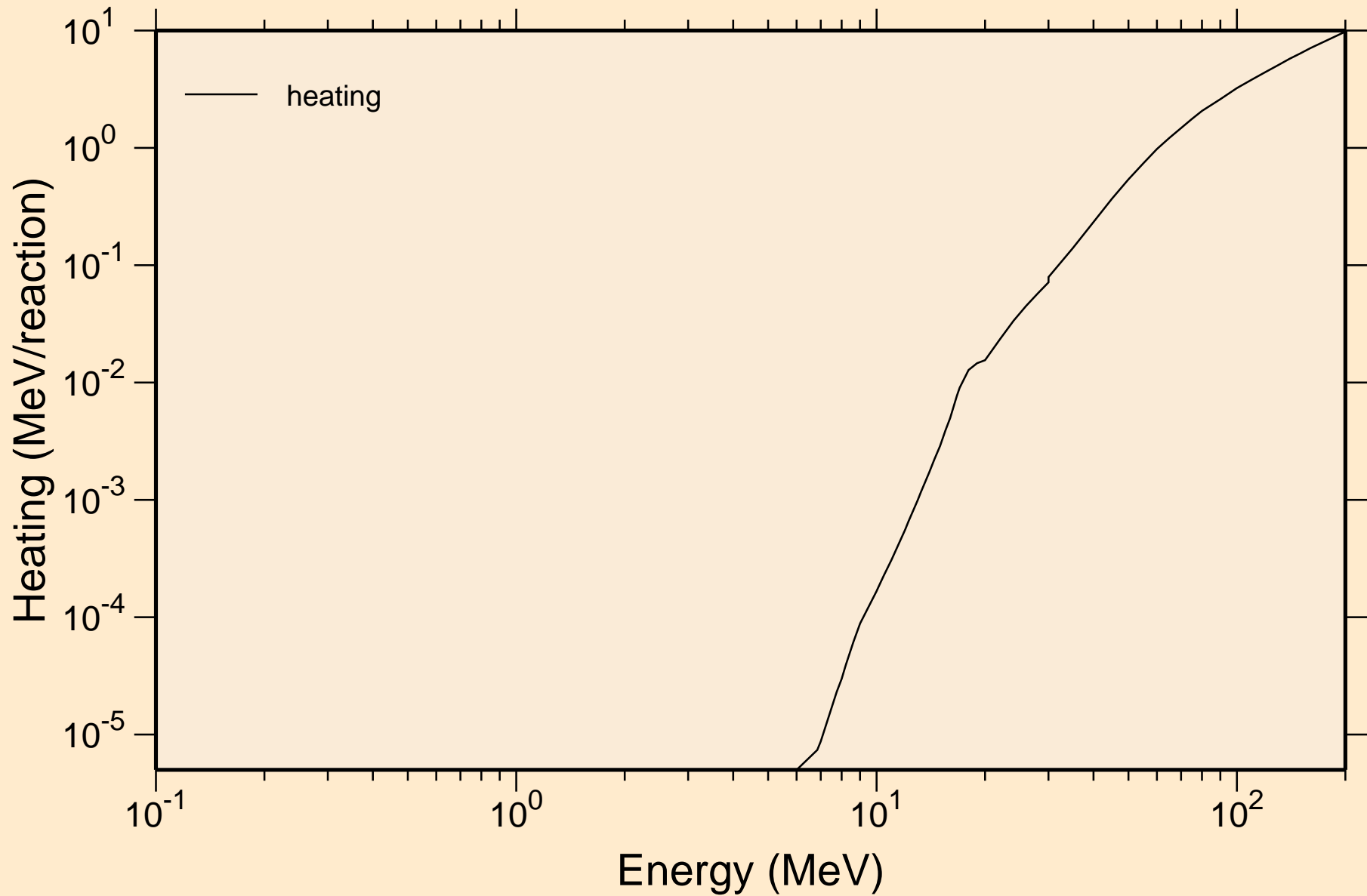


PM159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



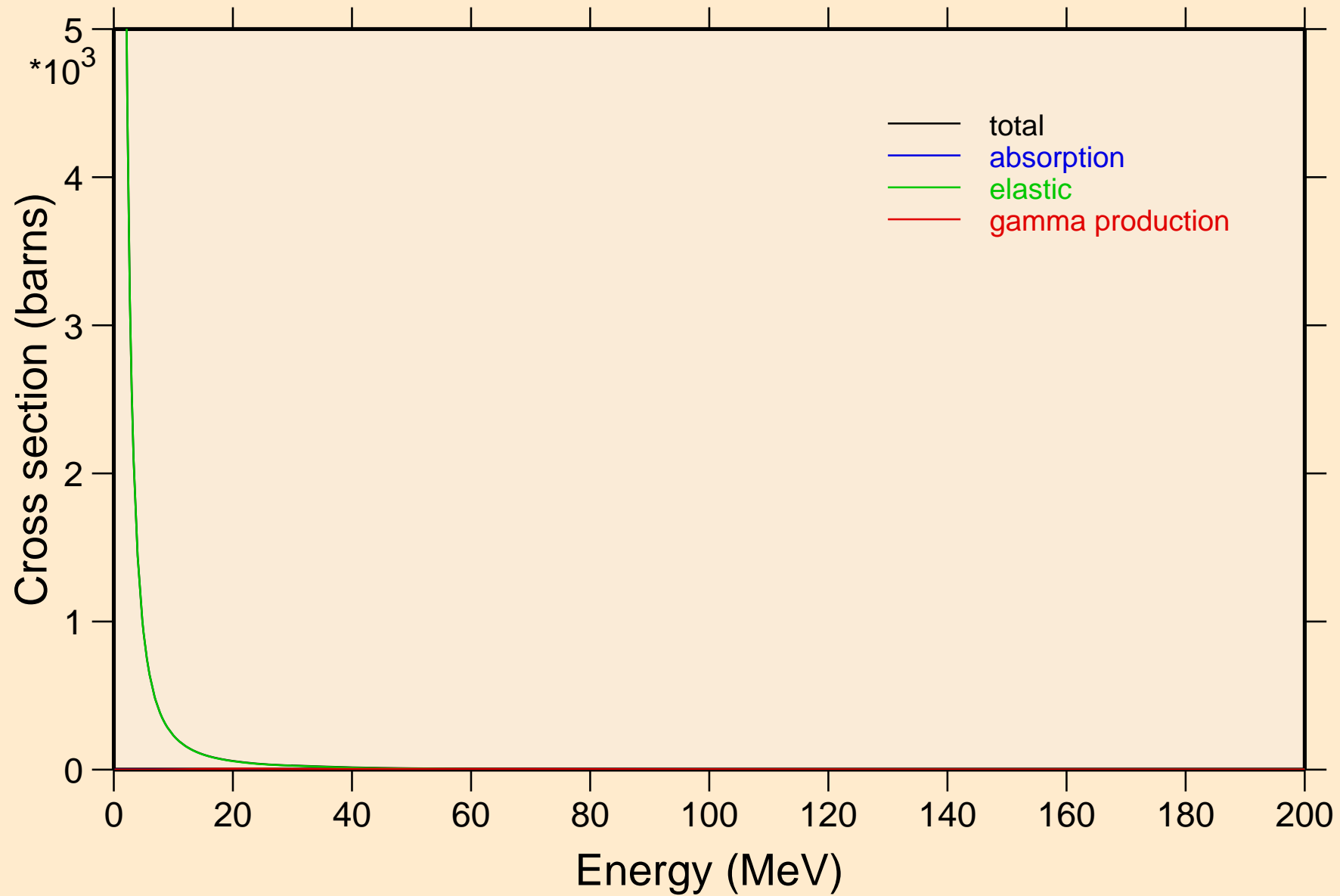
# PM159 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Heating



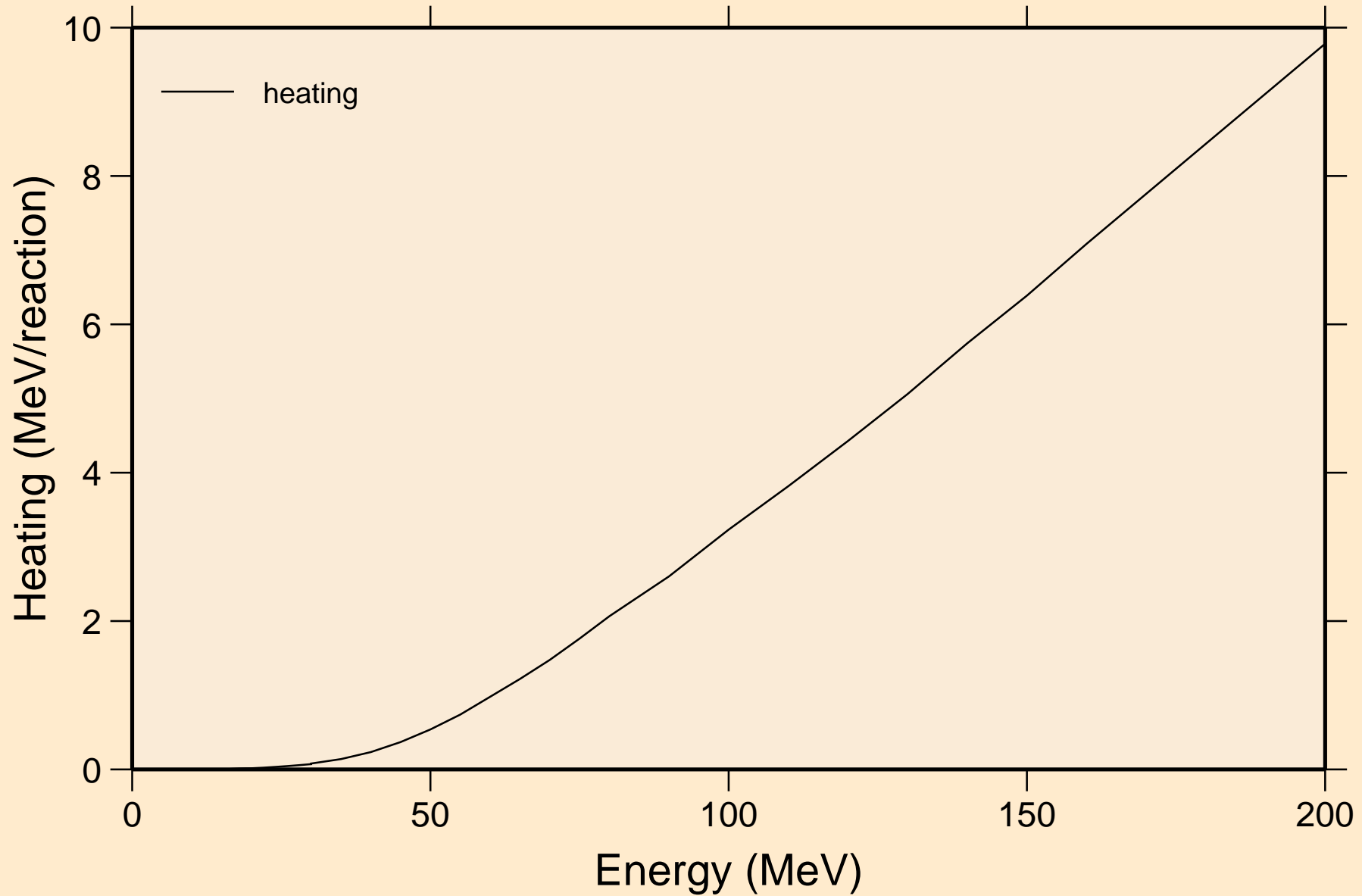
# PM159 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

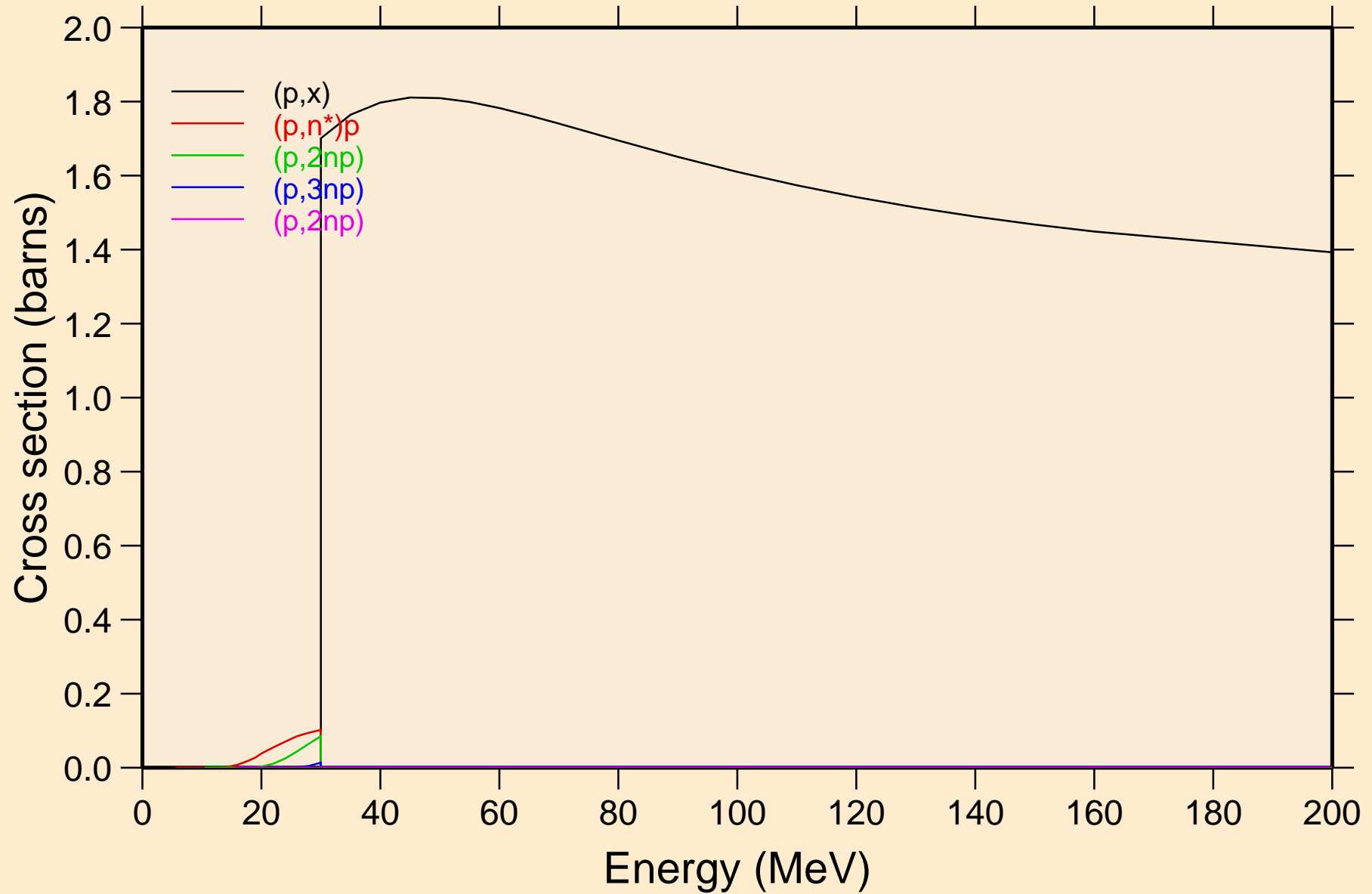


PM159 PROTON ACER TENDL-2021 LIBRARY; T=0.K

Heating

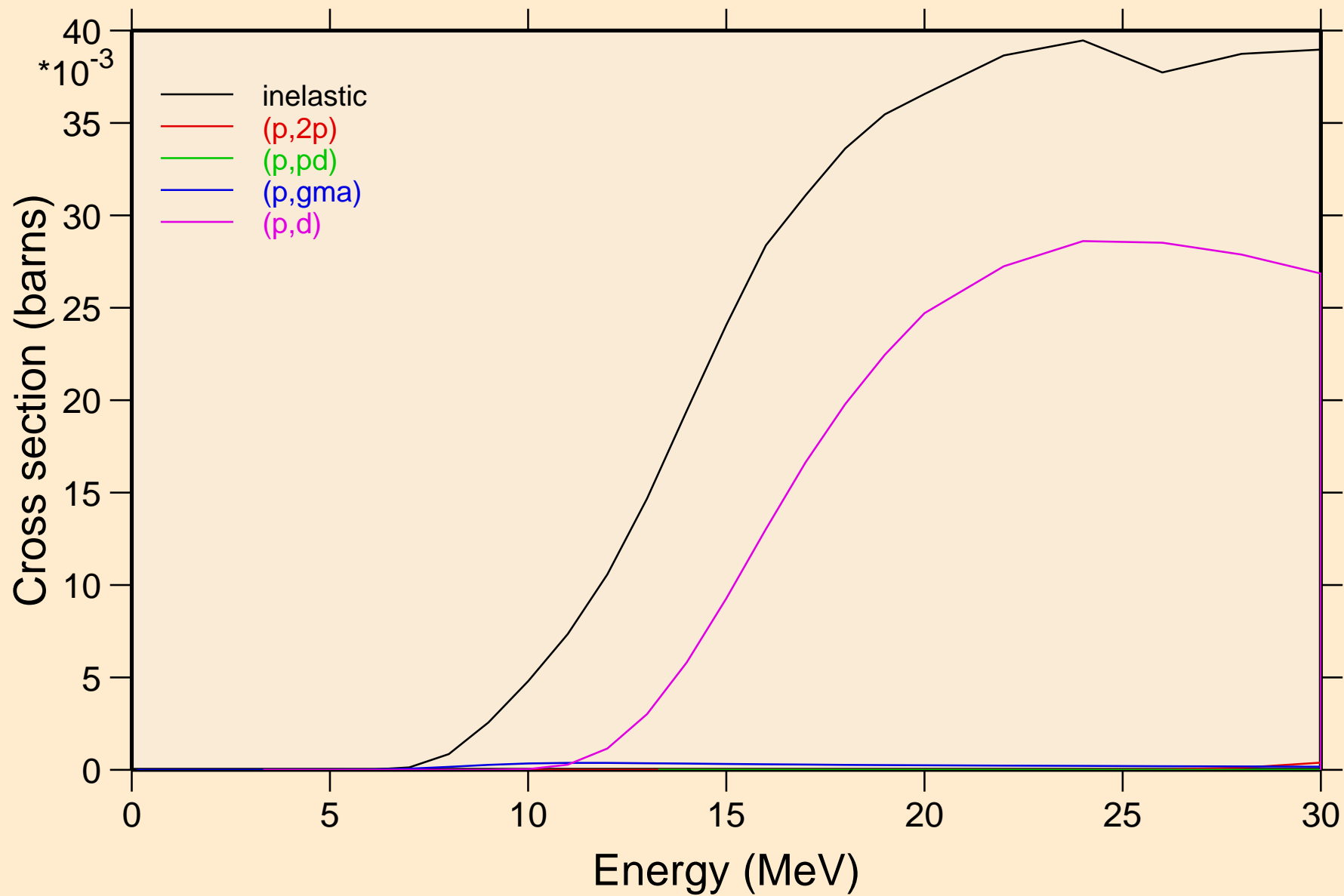


PM159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



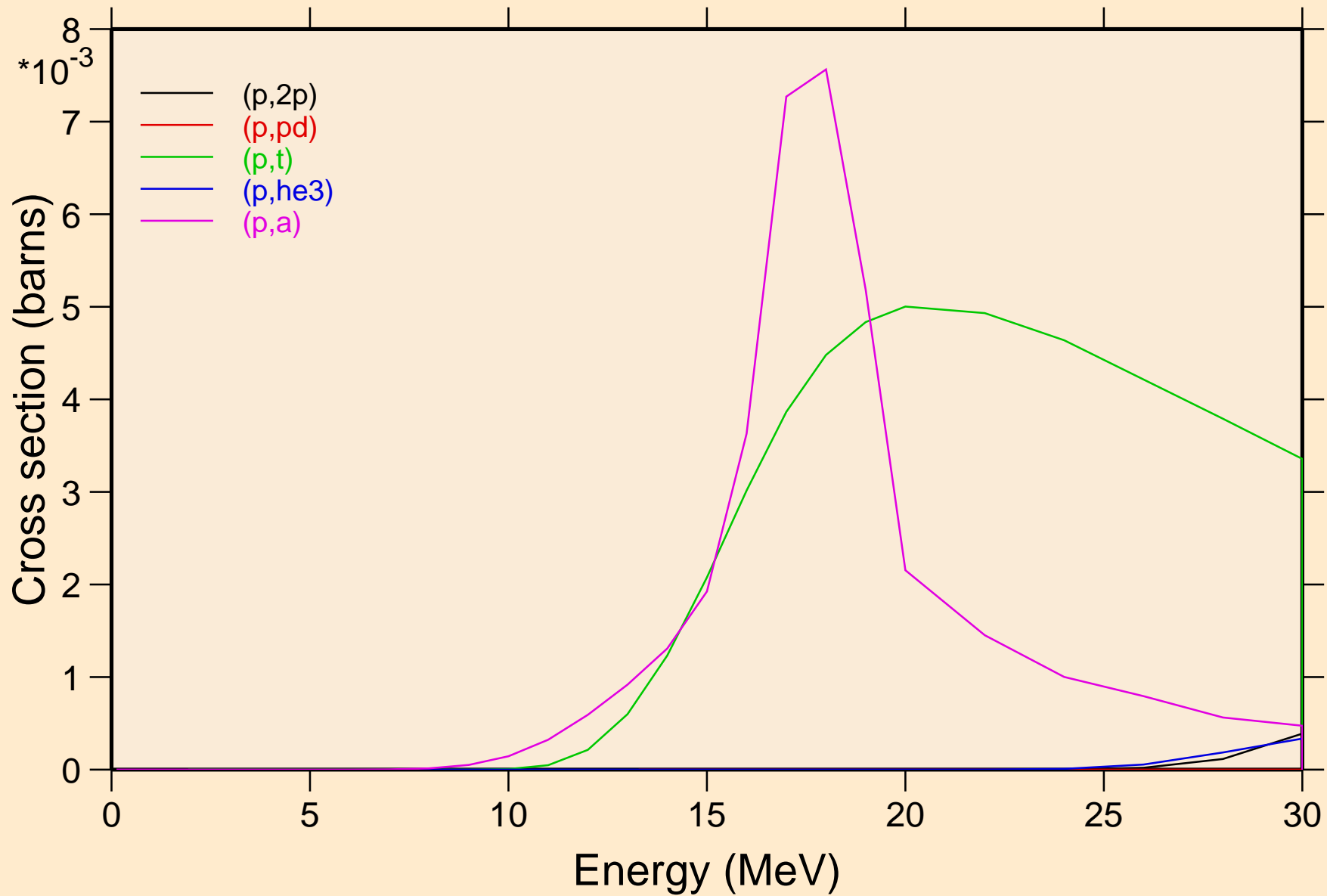
# PM159 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions

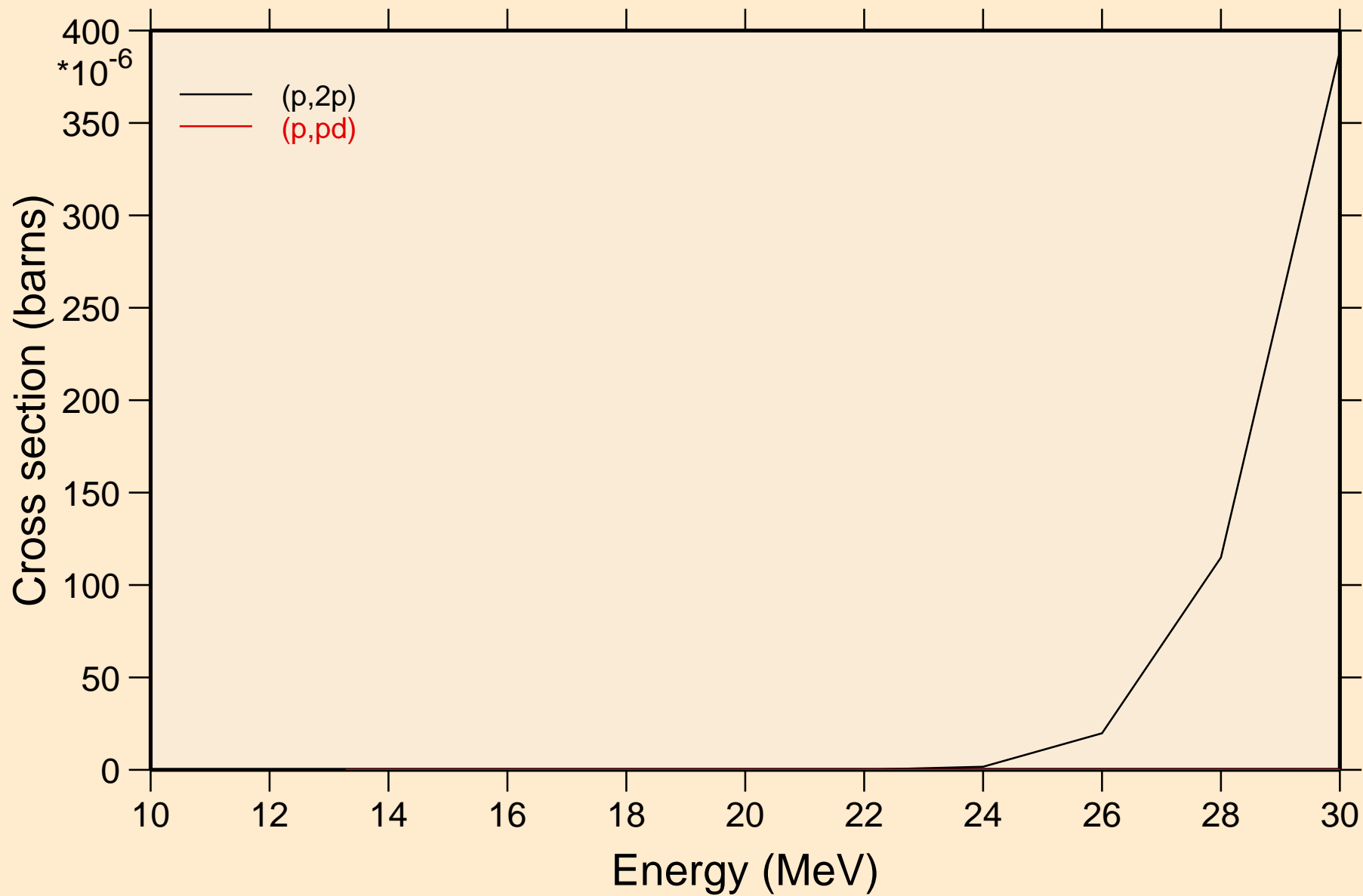


# PM159 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions

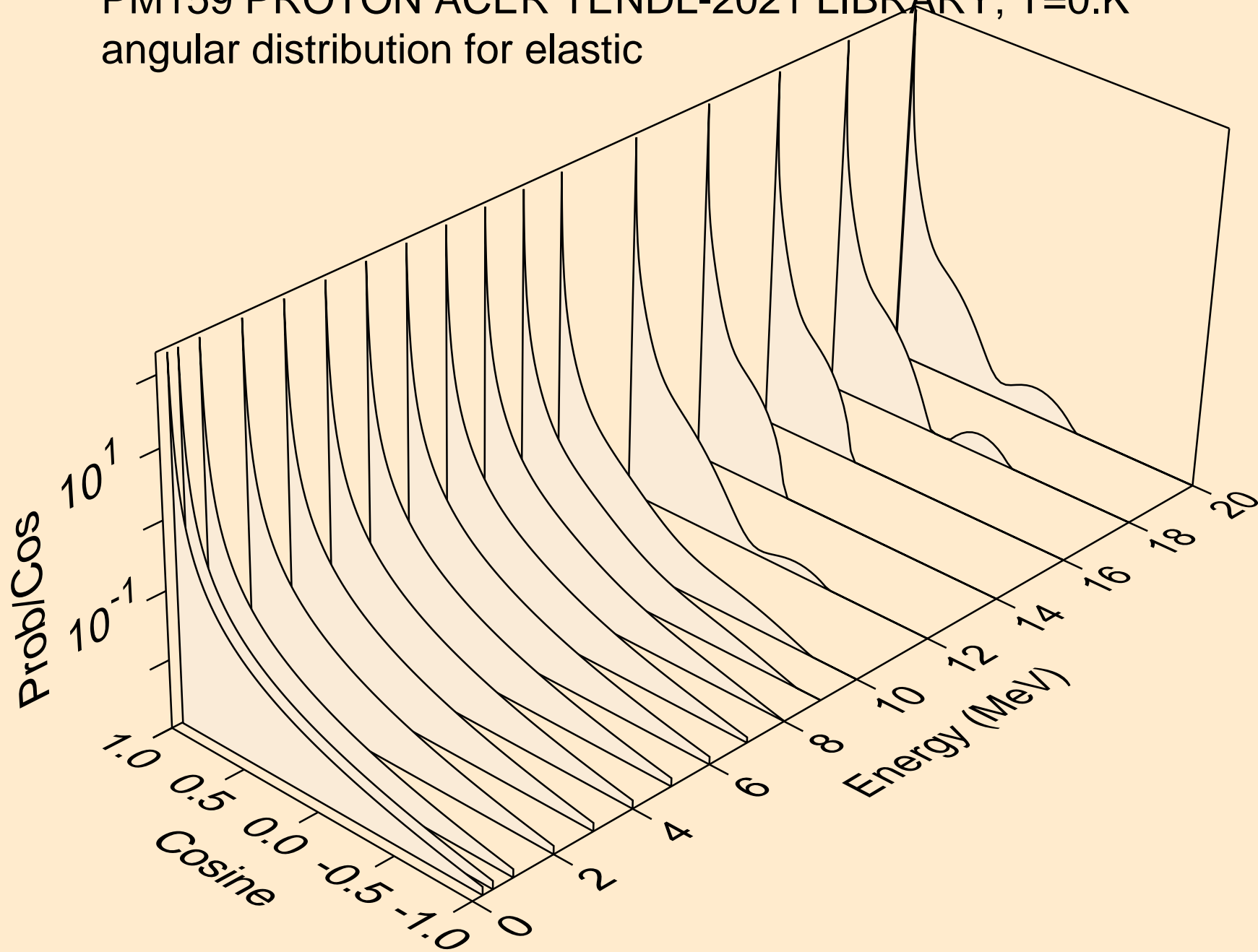


PM159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

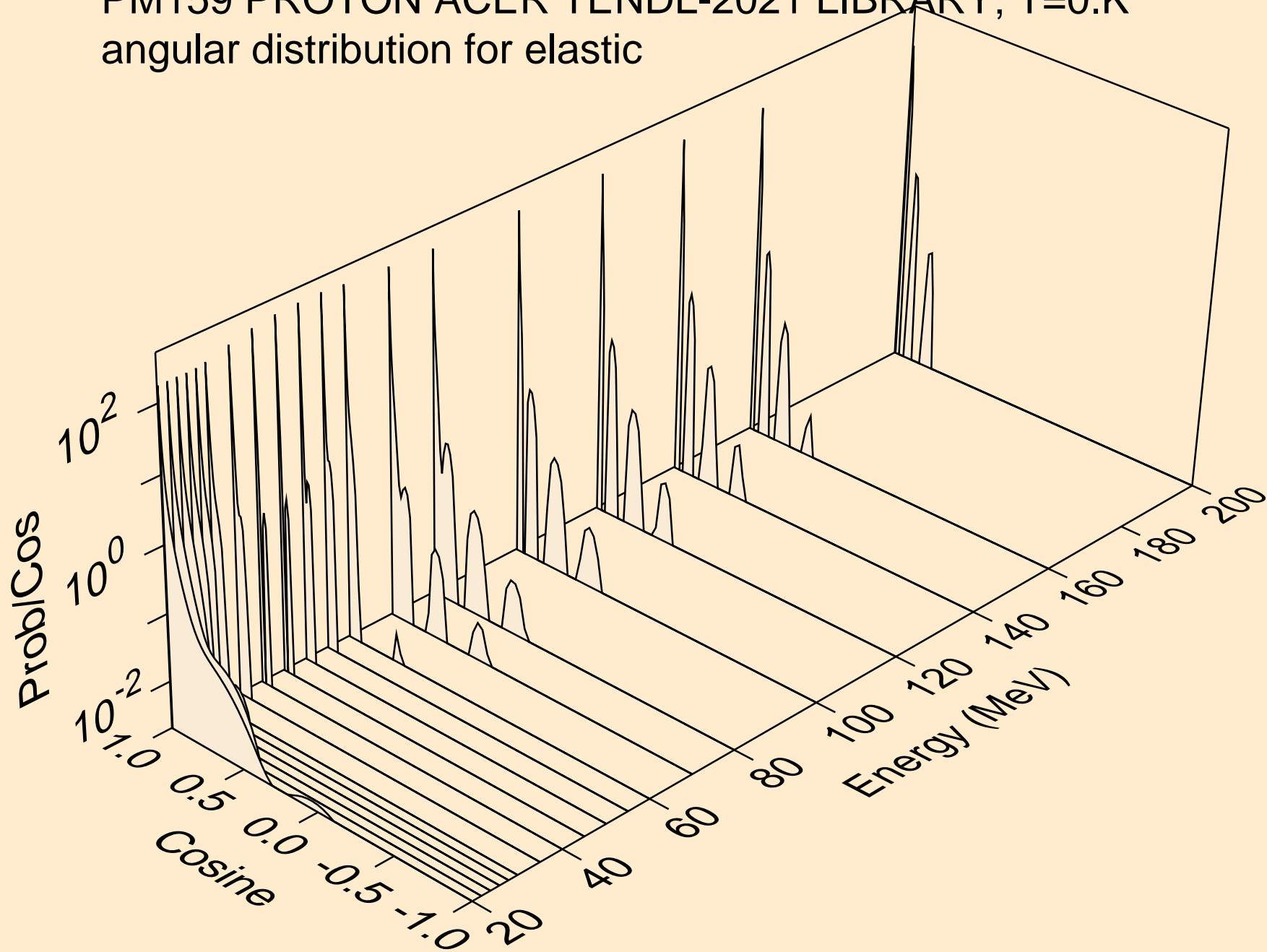




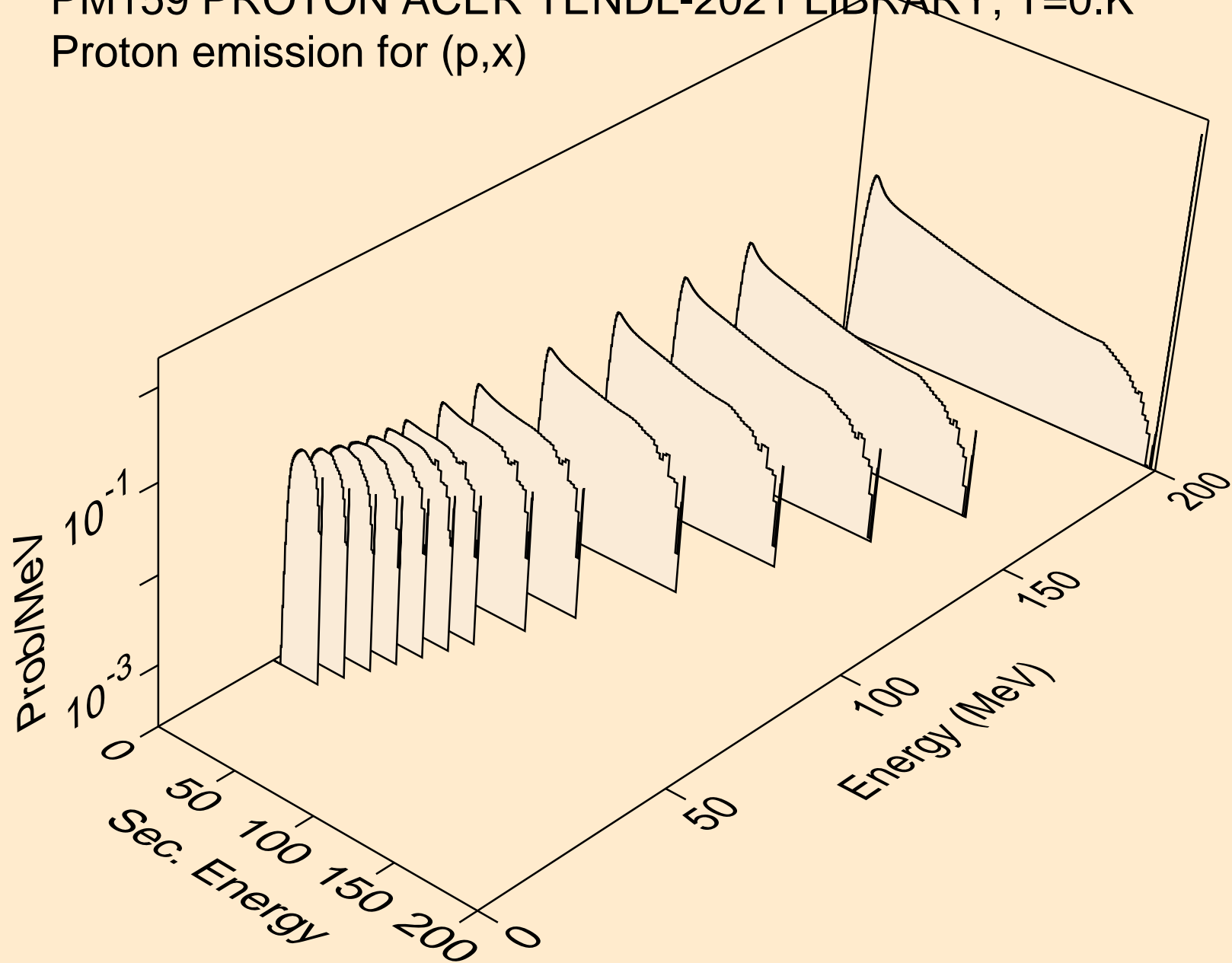
PM159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



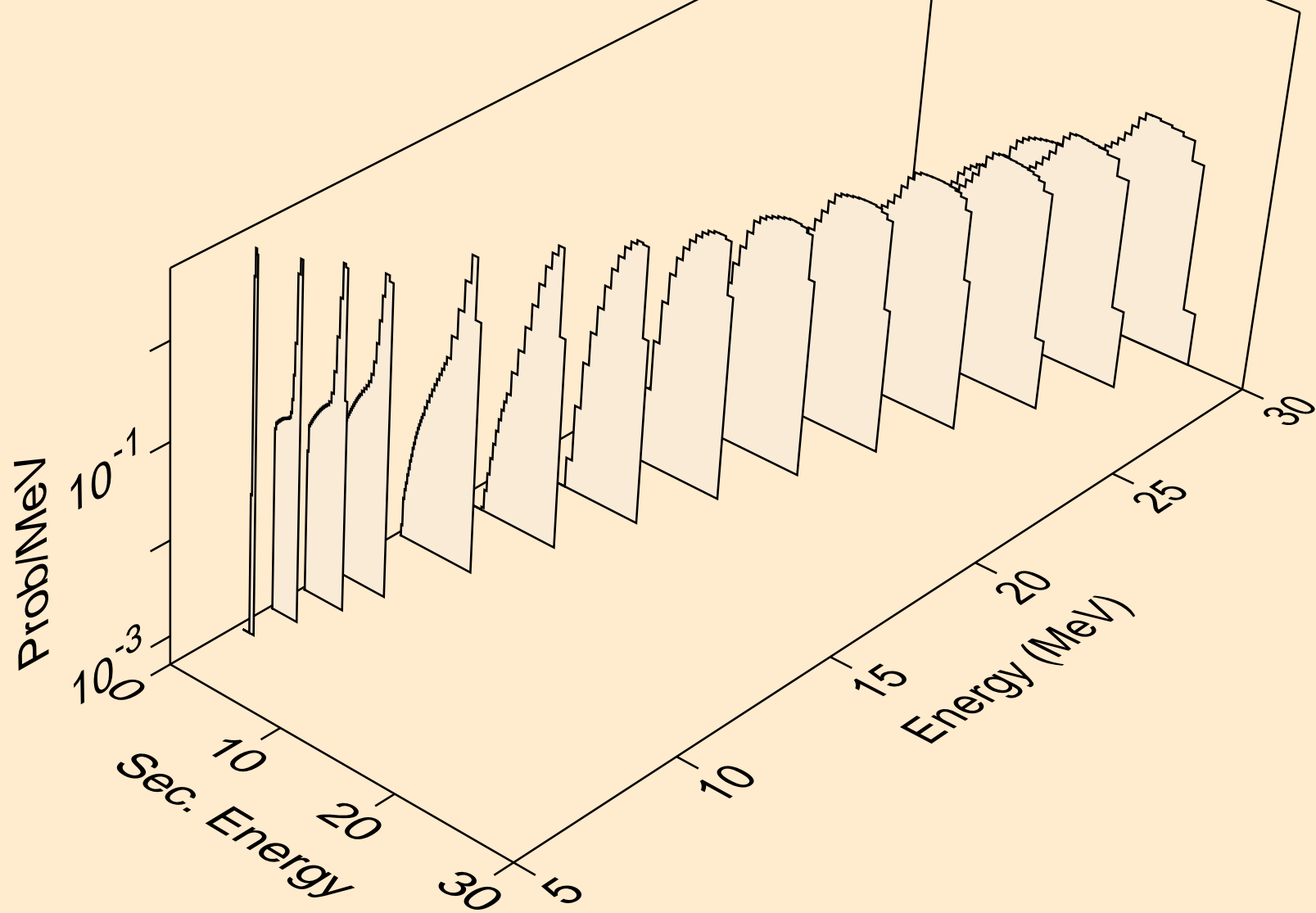
PM159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



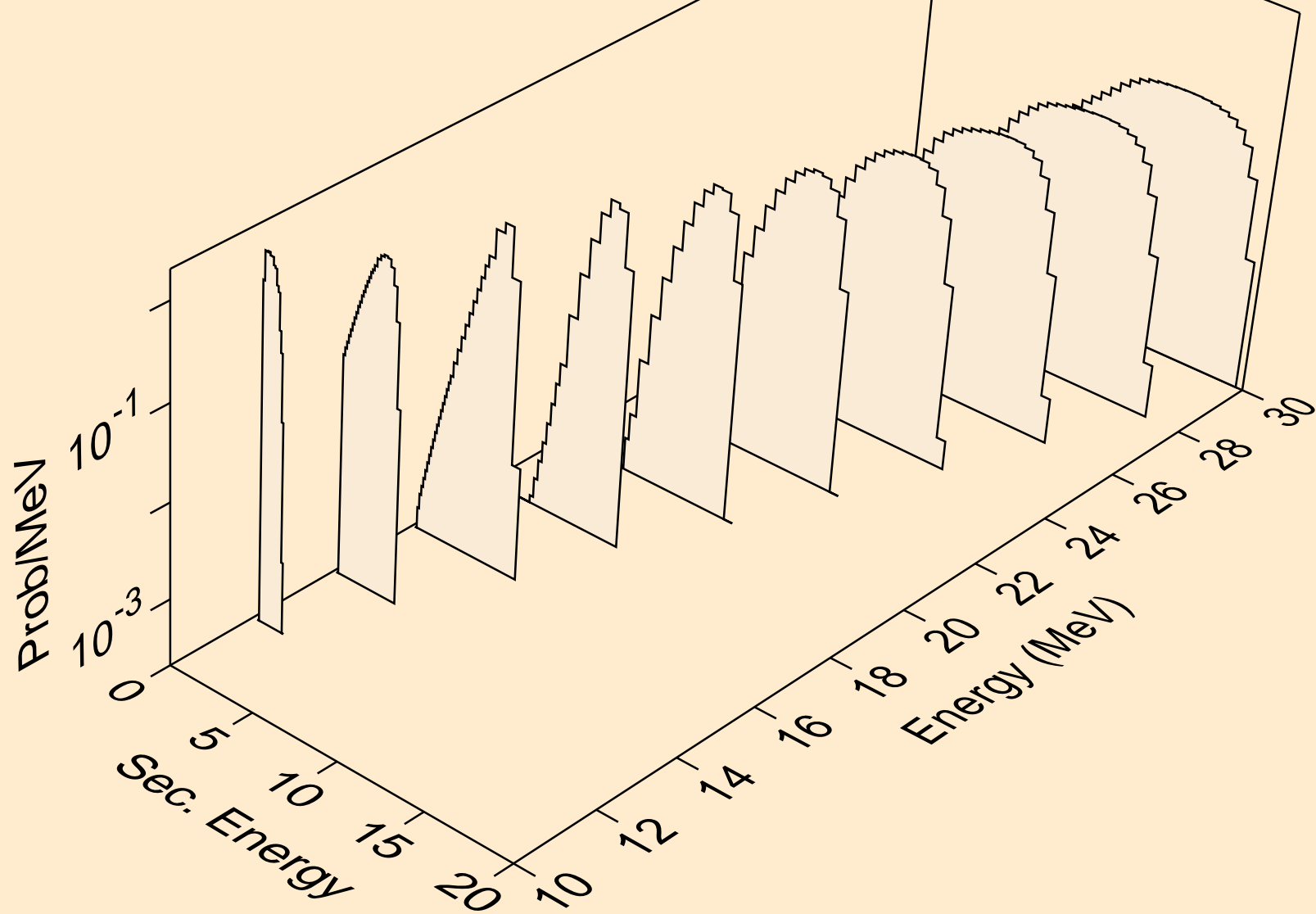
PM159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,x)



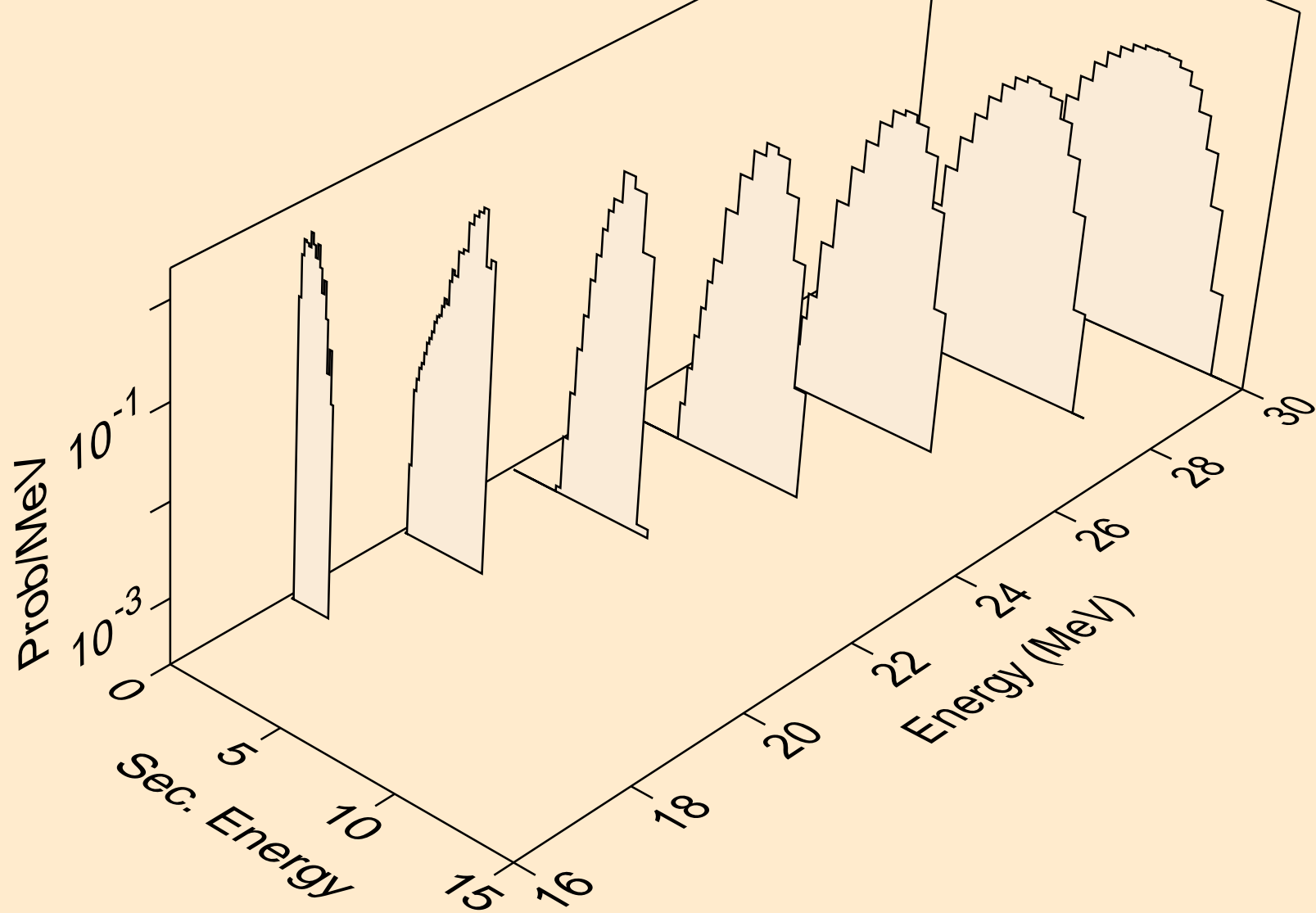
PM159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



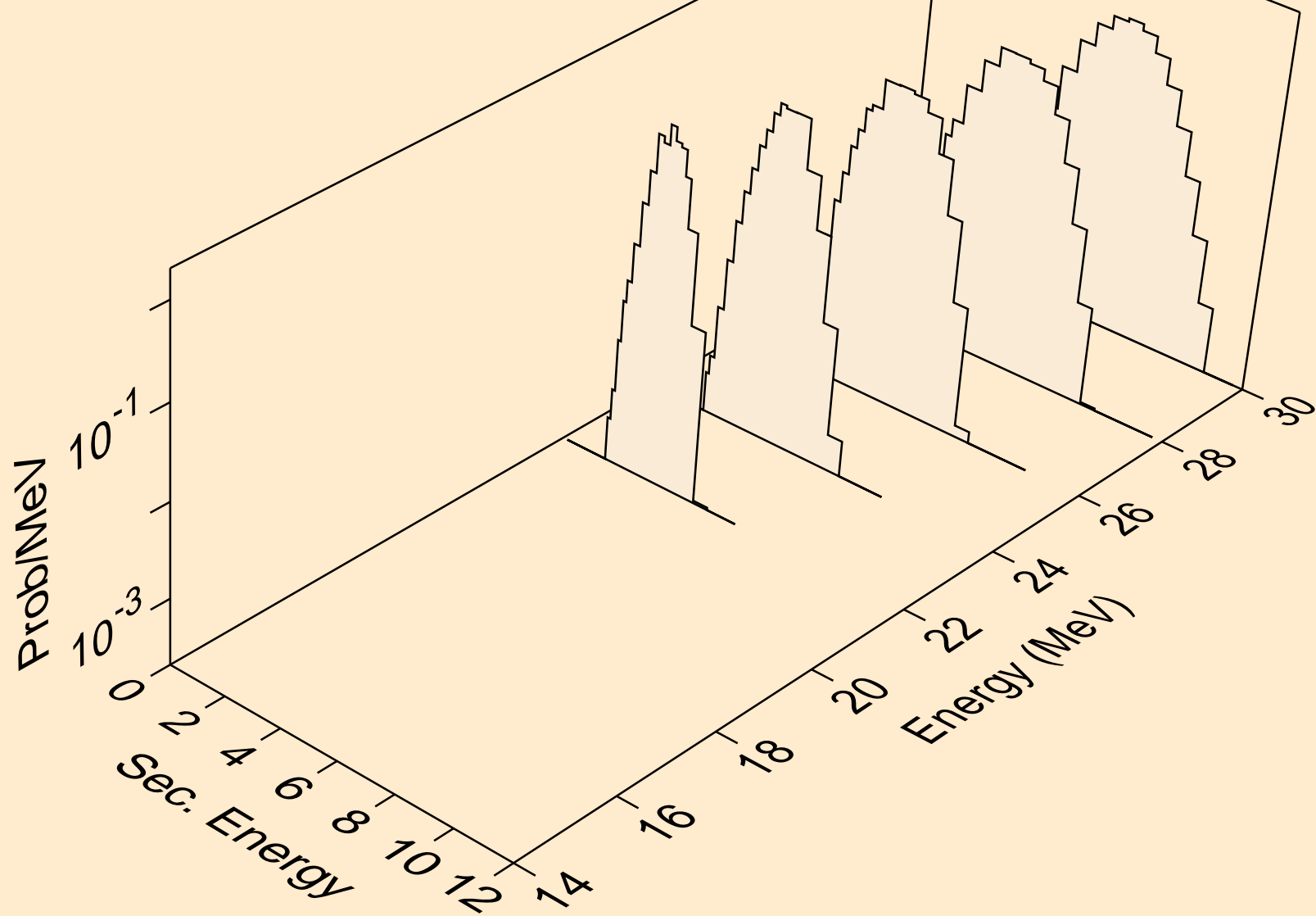
PM159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)



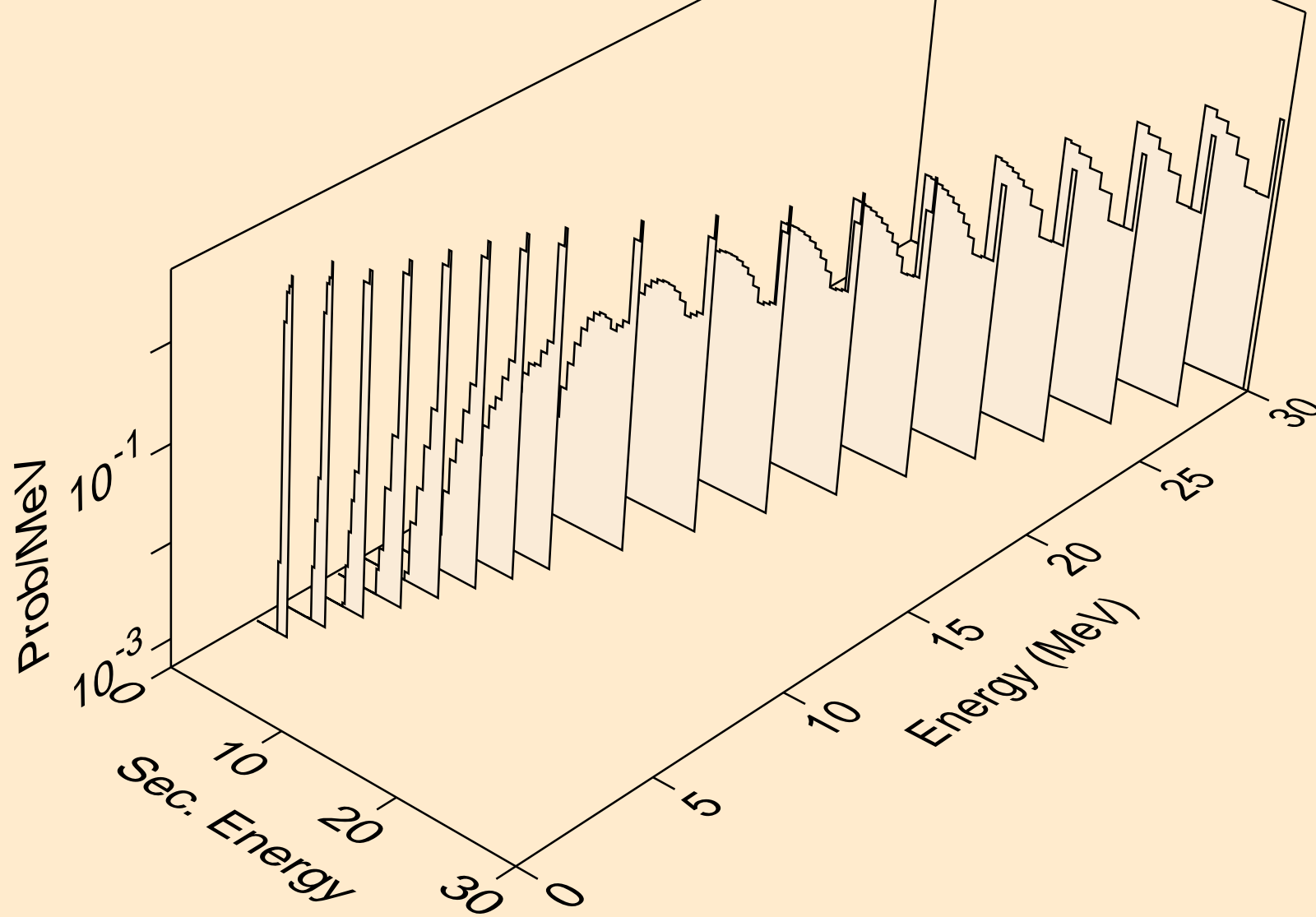
PM159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,3np)



PM159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)

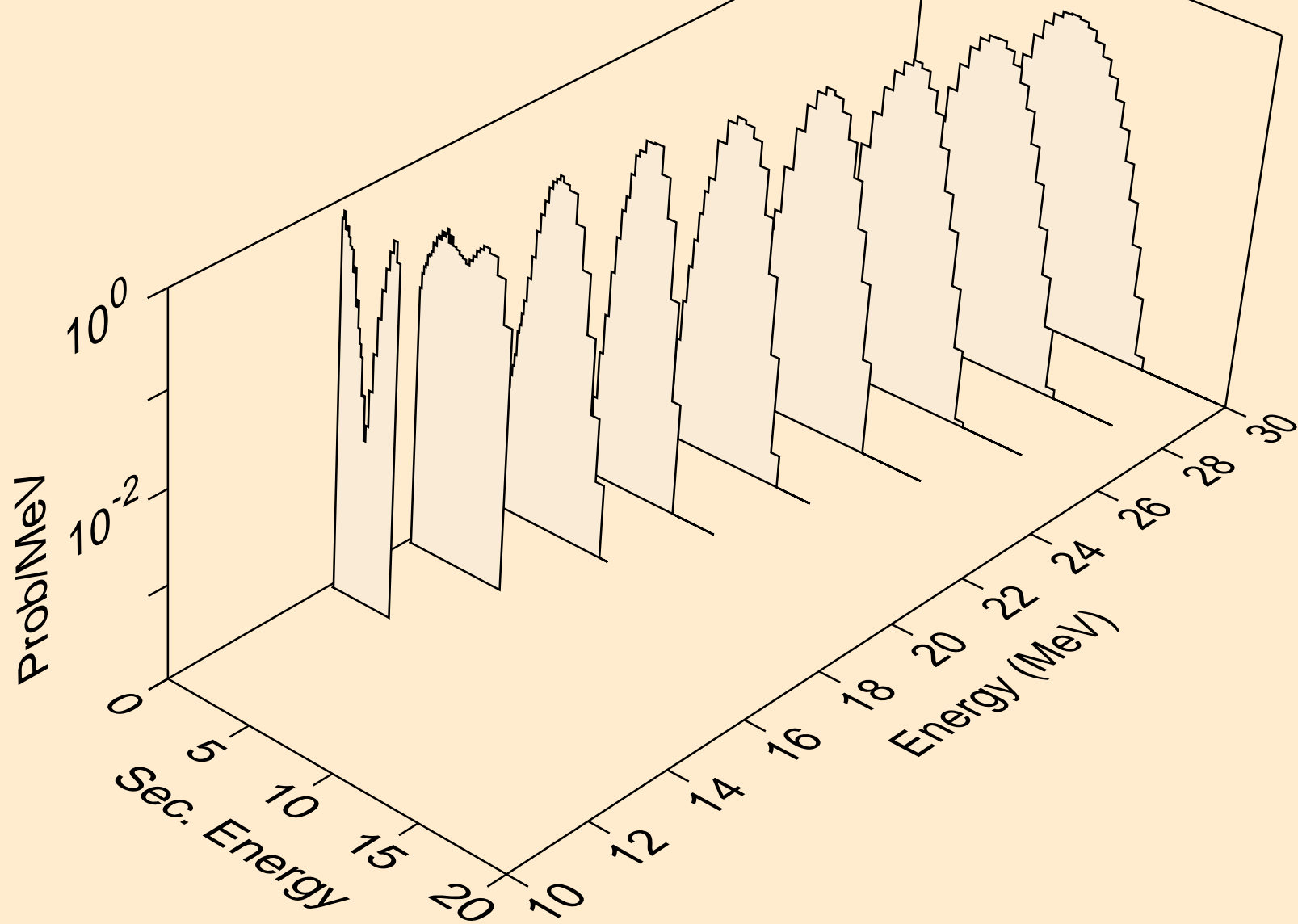


PM159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for inelastic

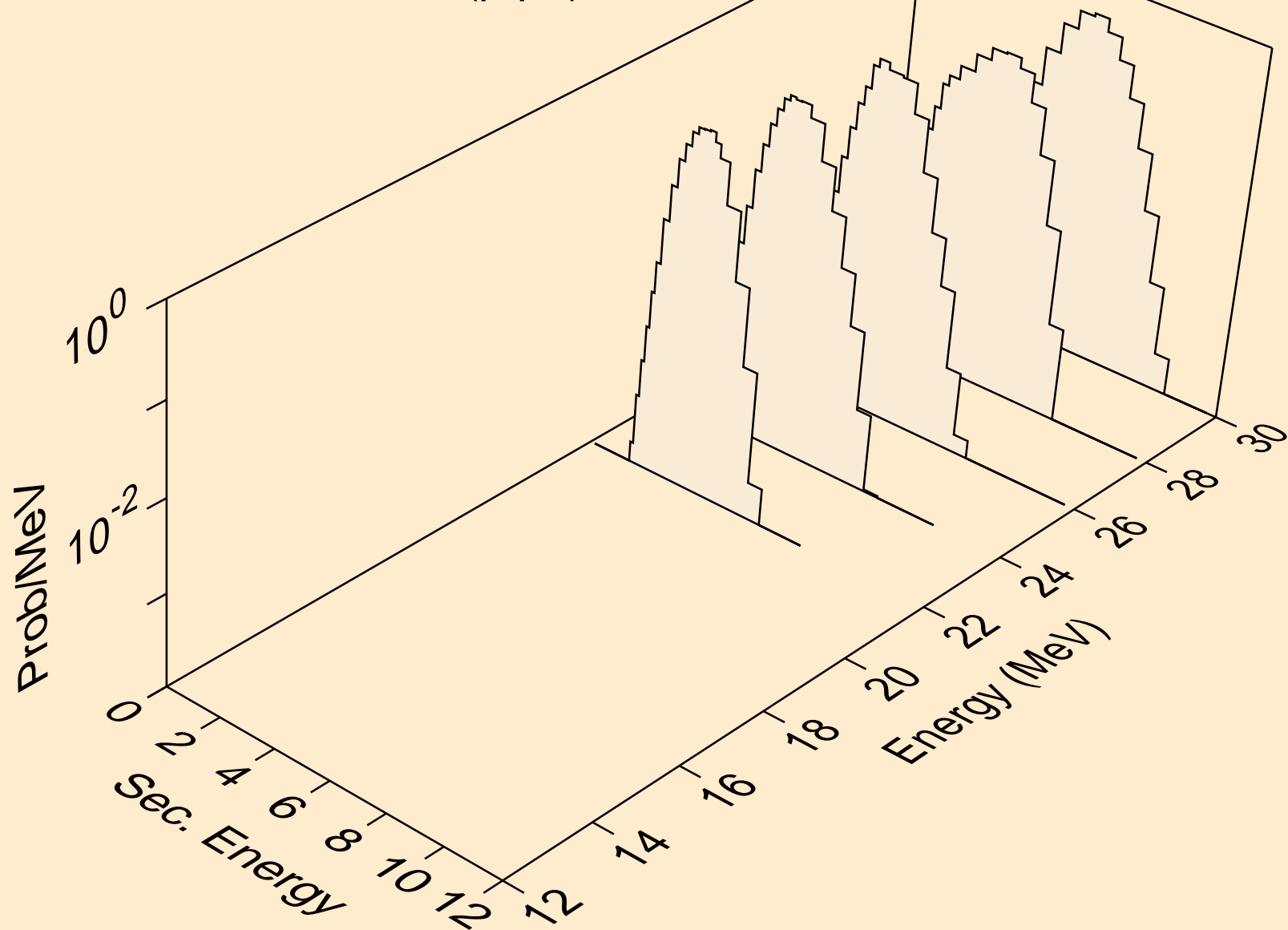




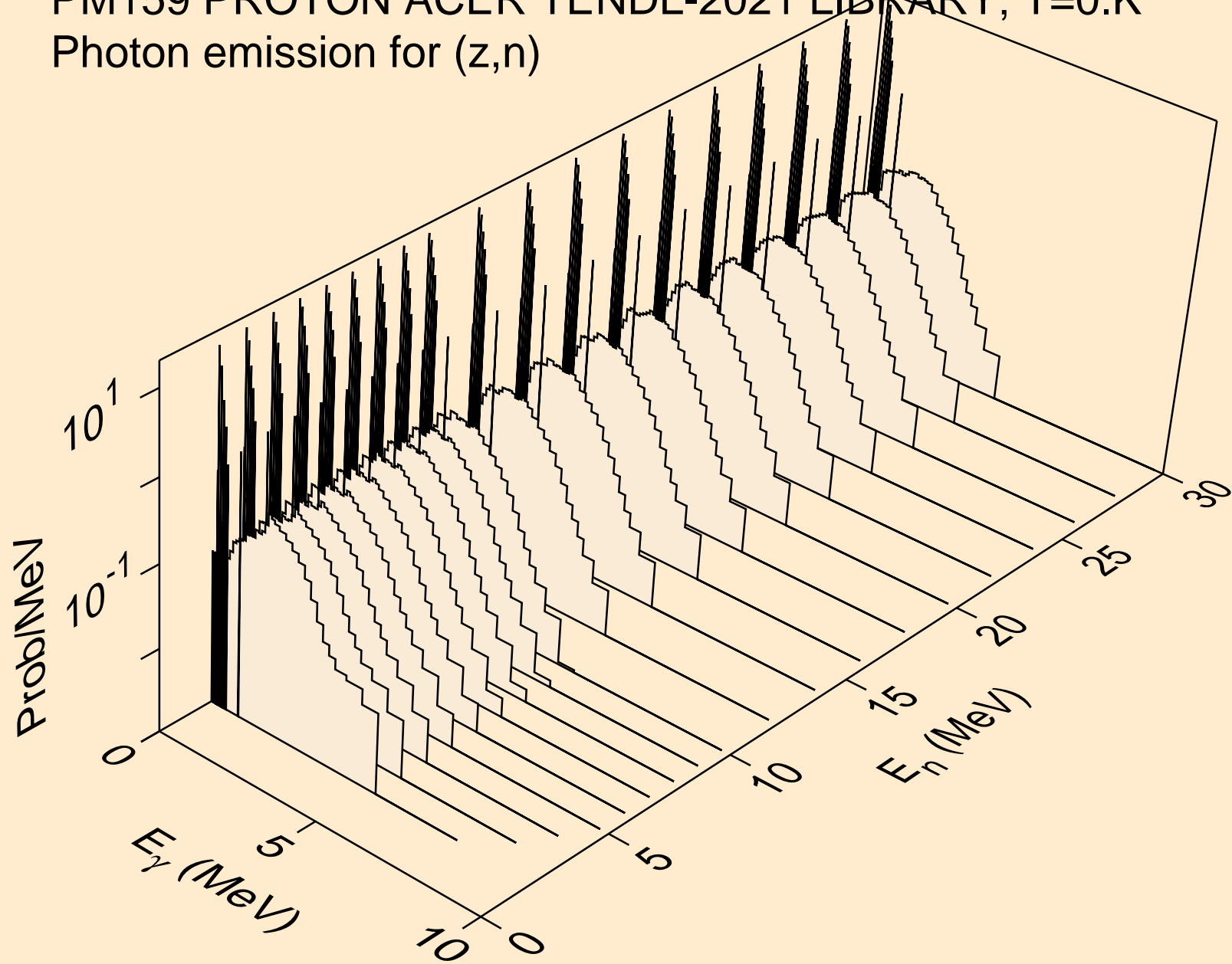
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Proton emission for (p,2p)



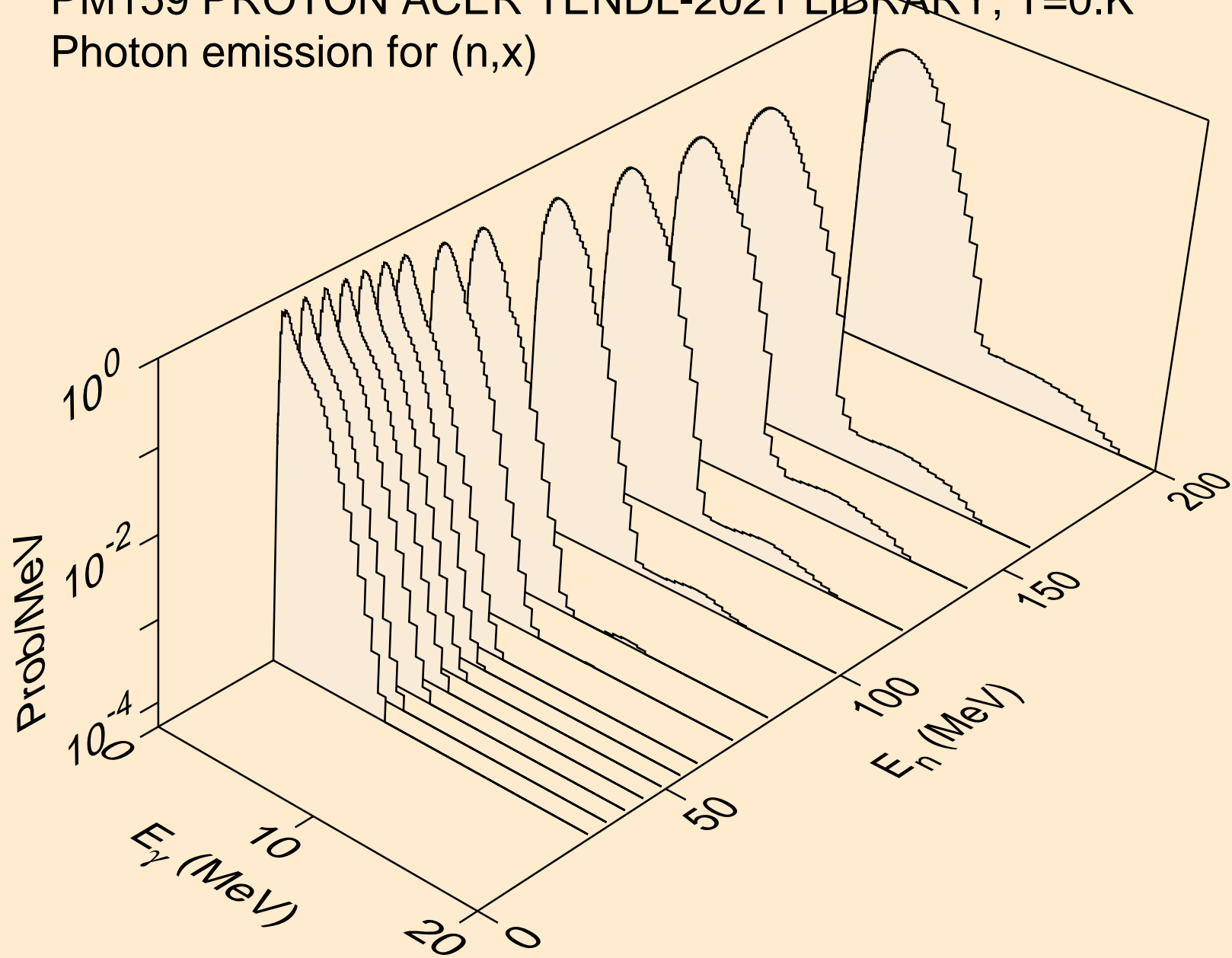
PM159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,pd)



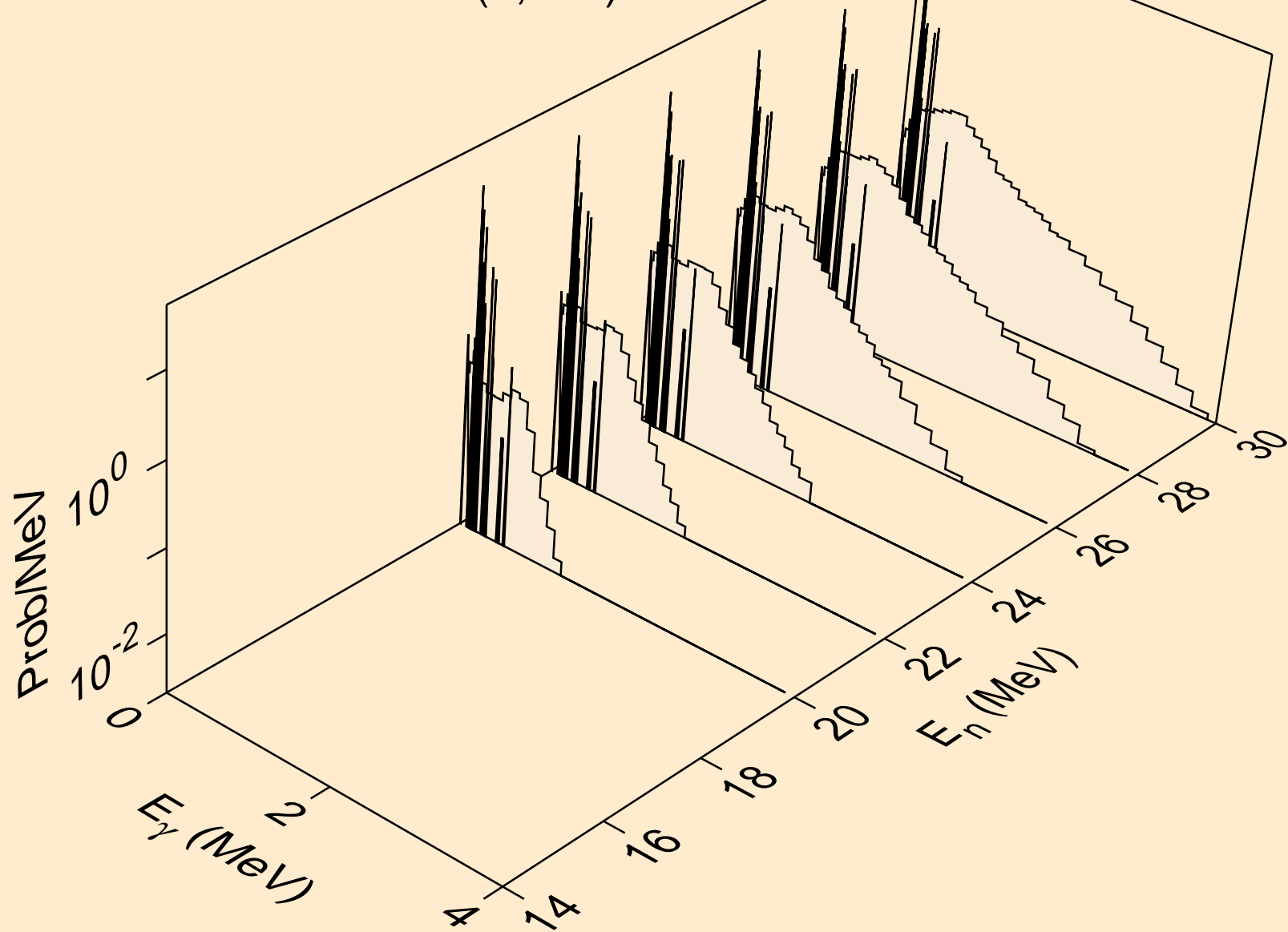
PM159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



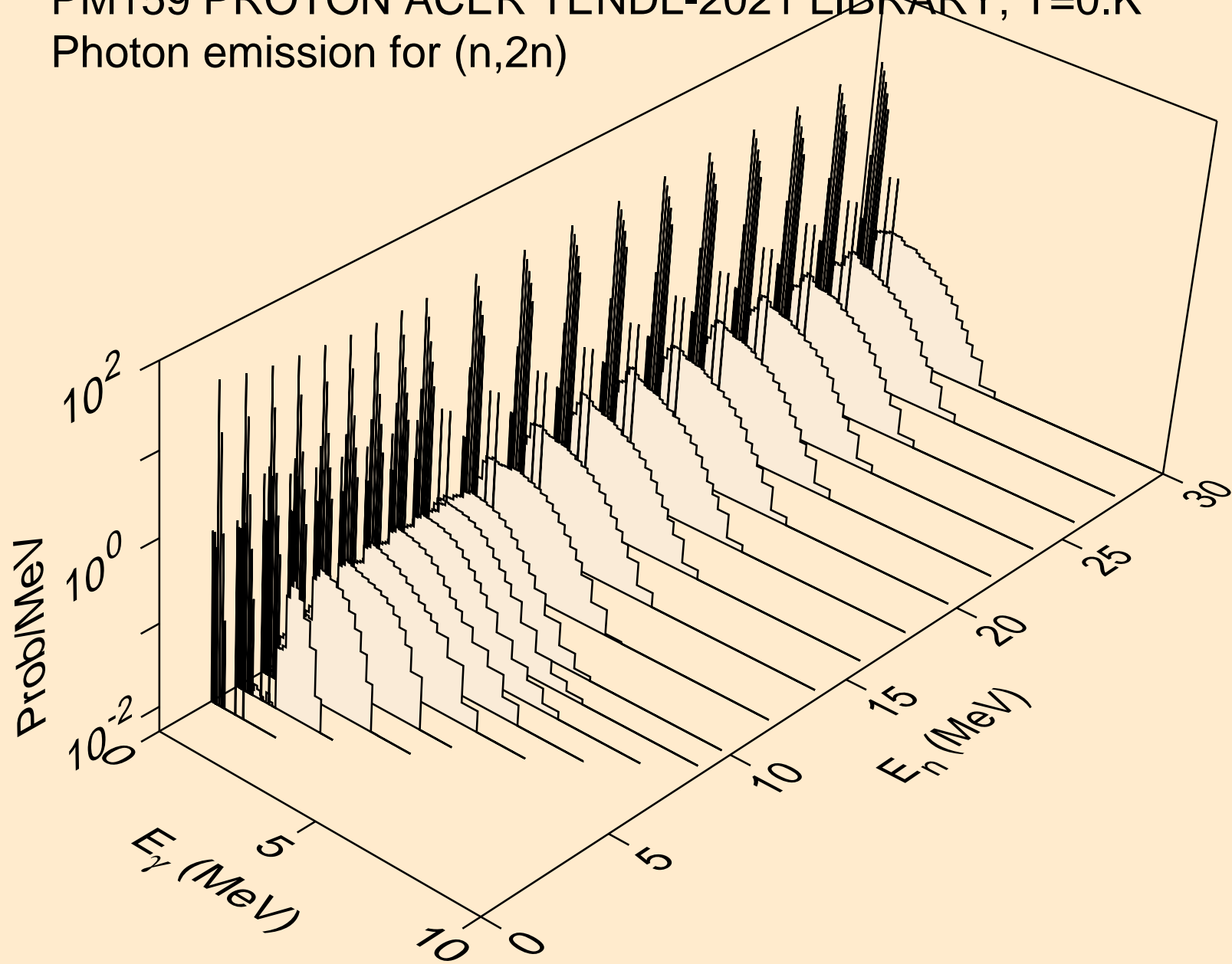
PM159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



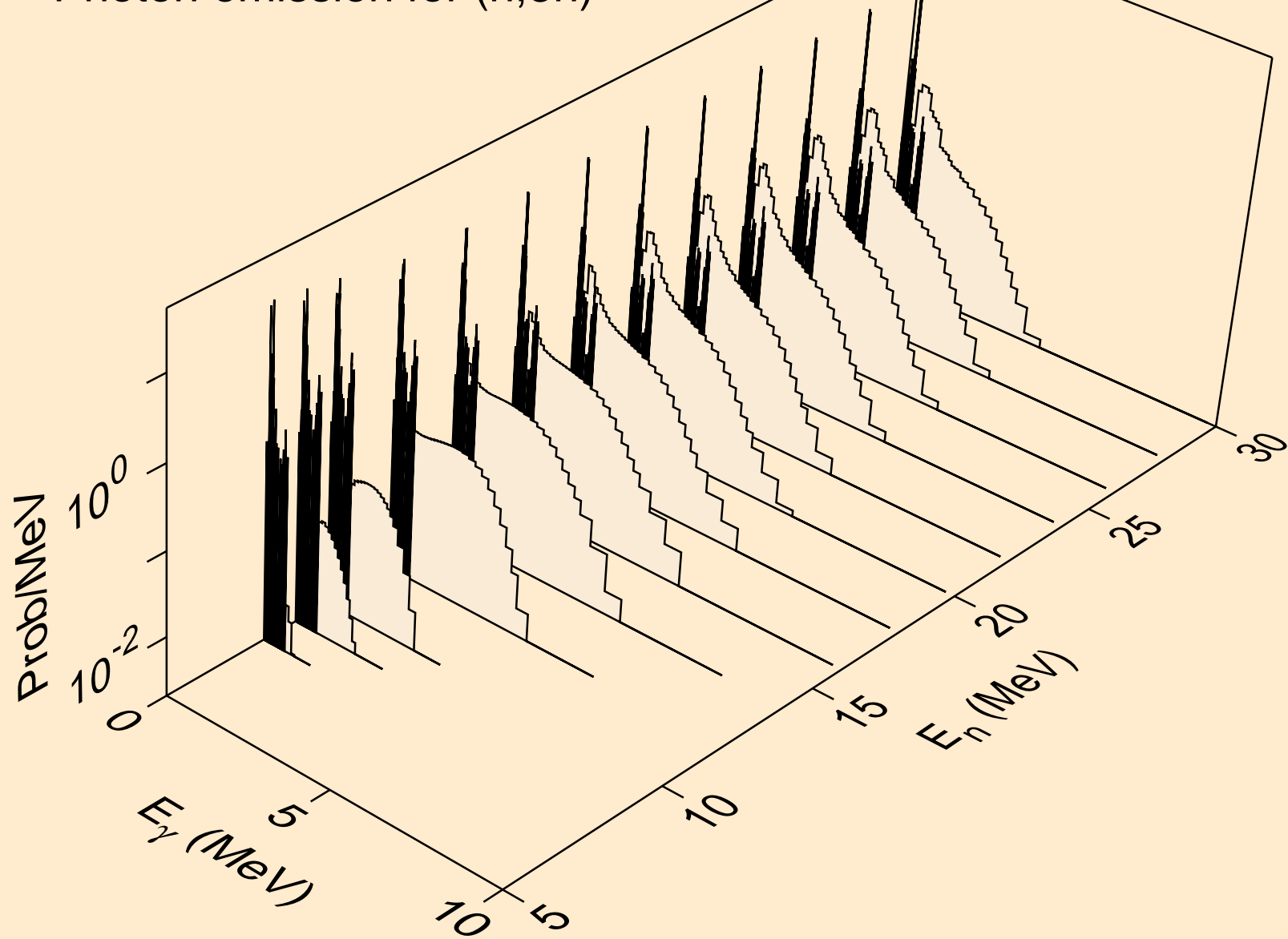
PM159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)



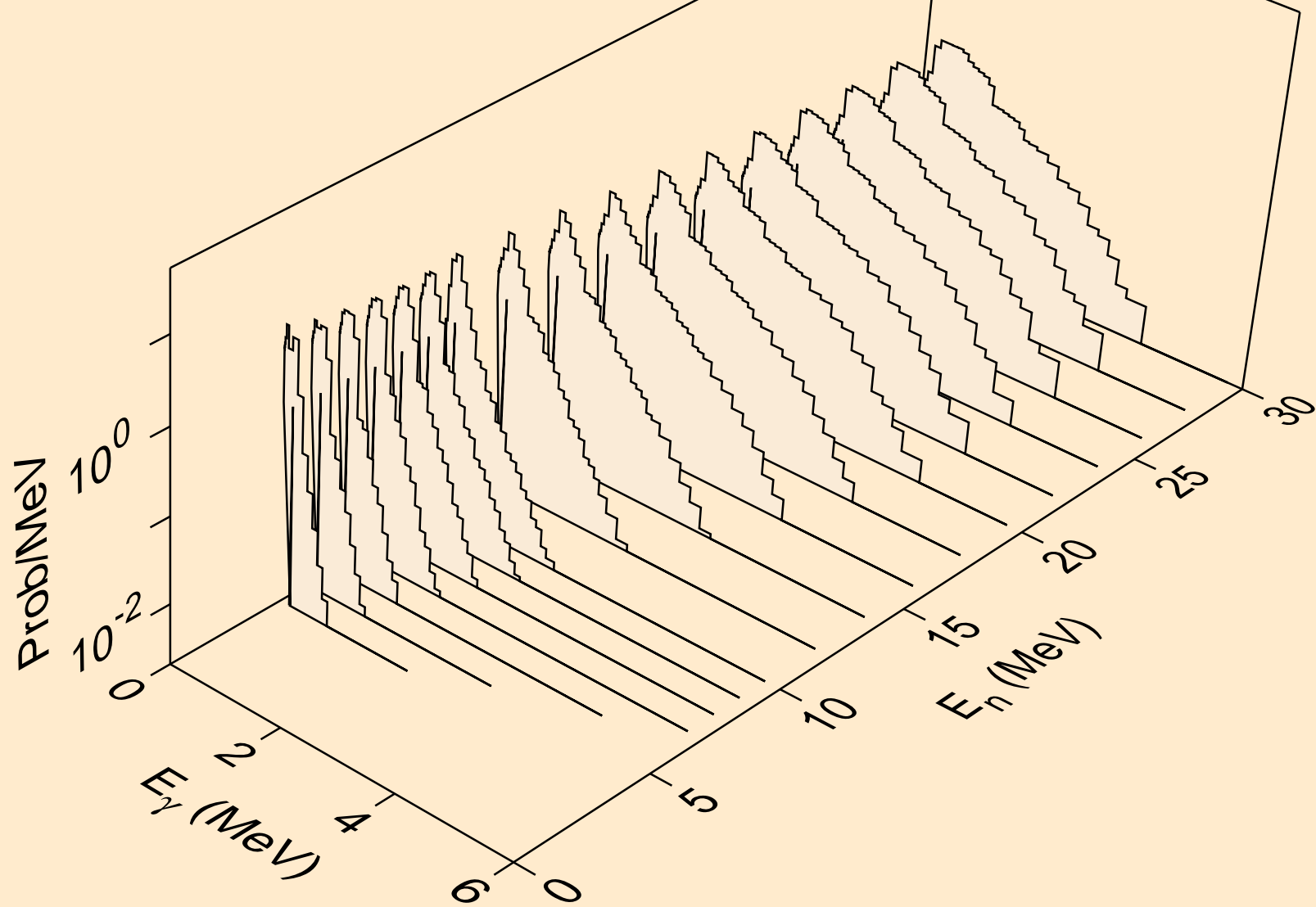
PM159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



PM159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)

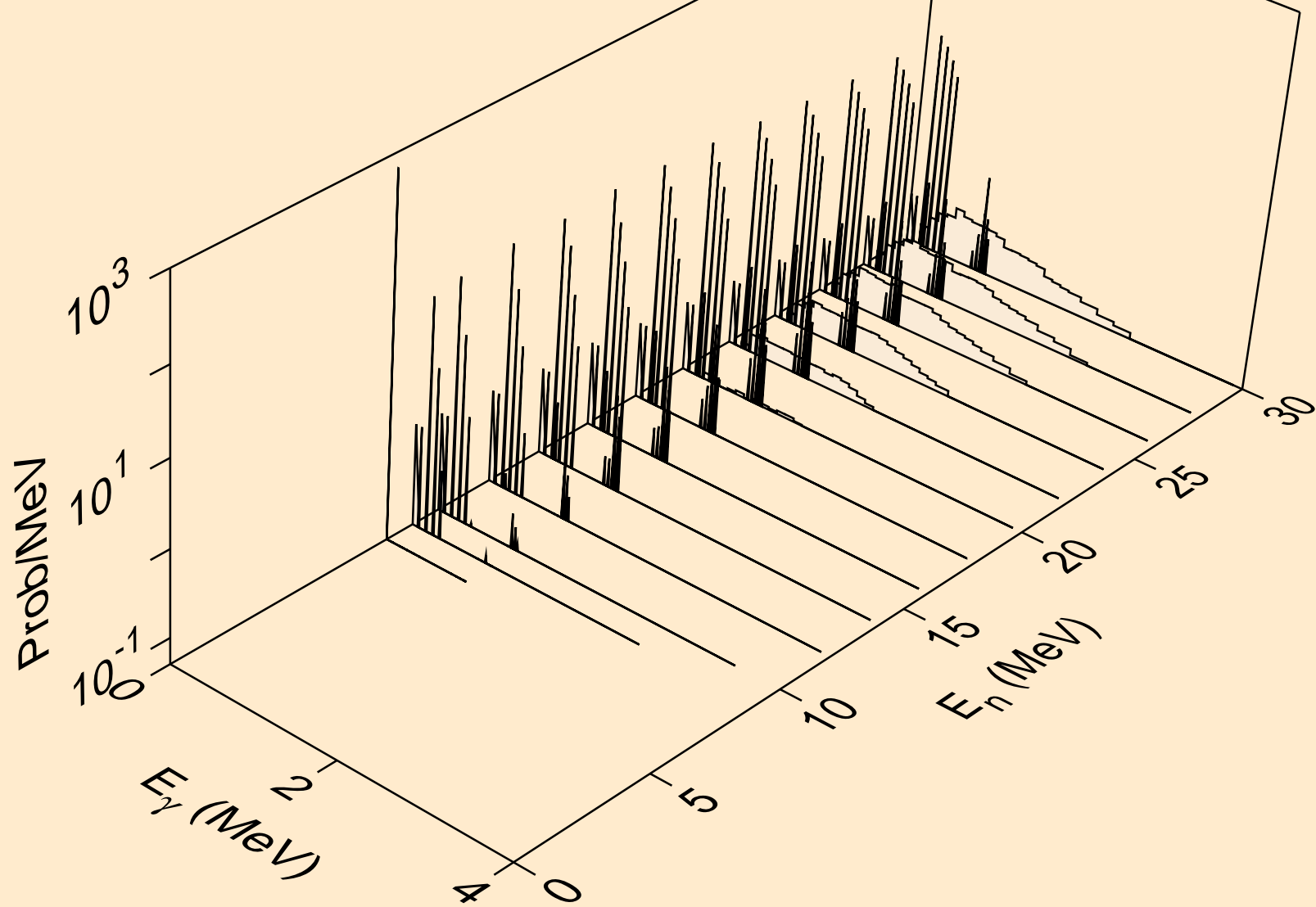


PM159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

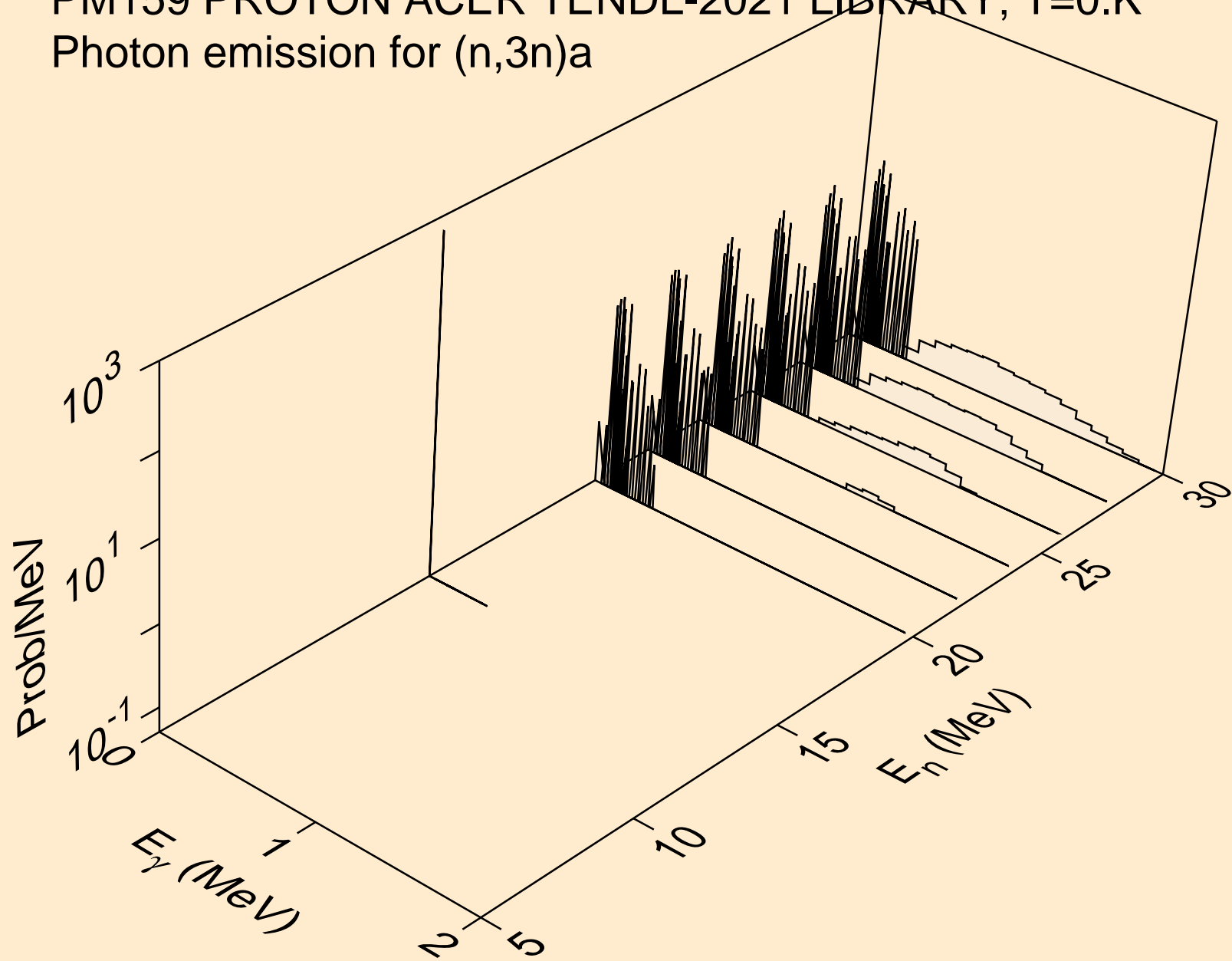




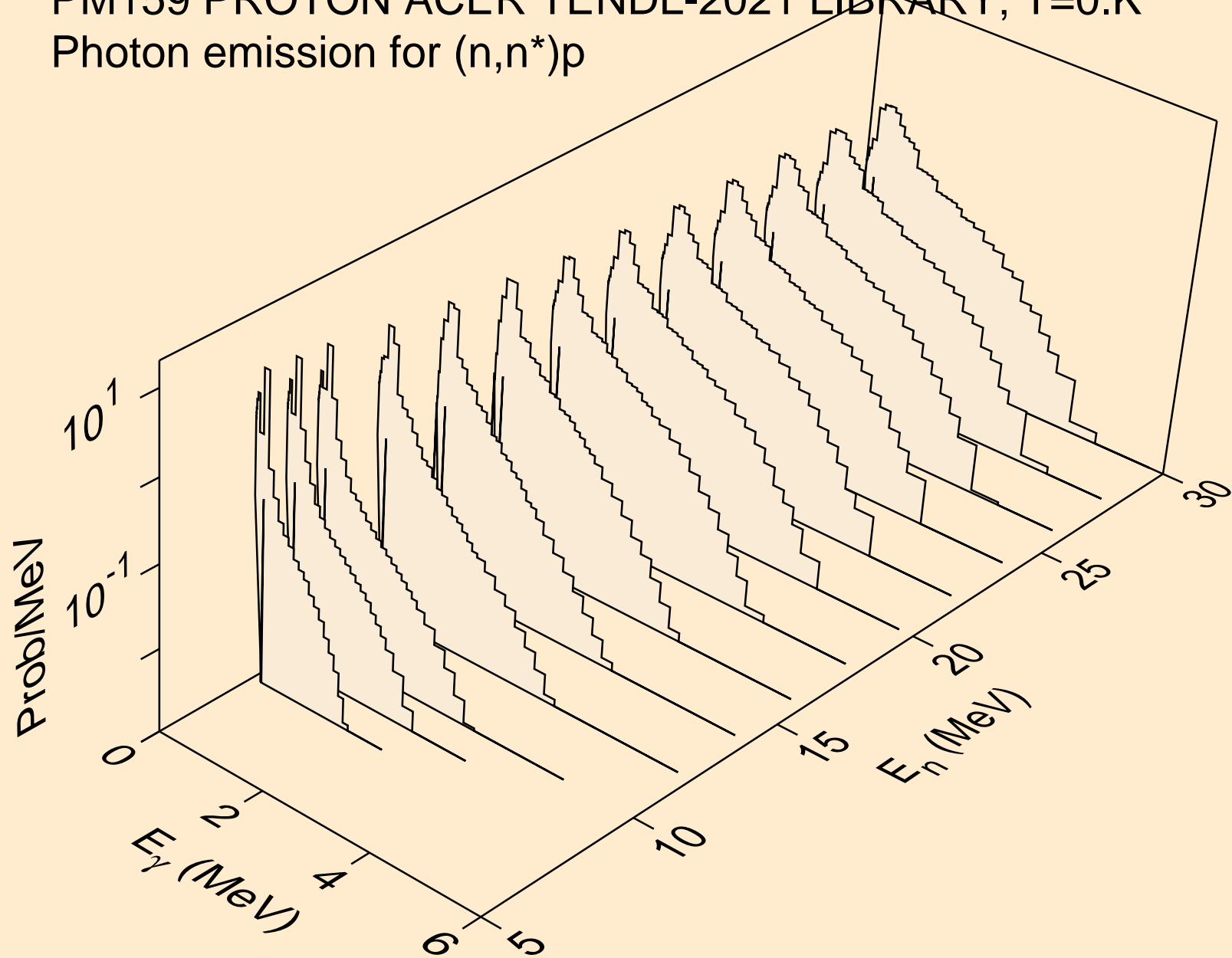
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Photon emission for (n,2n)a



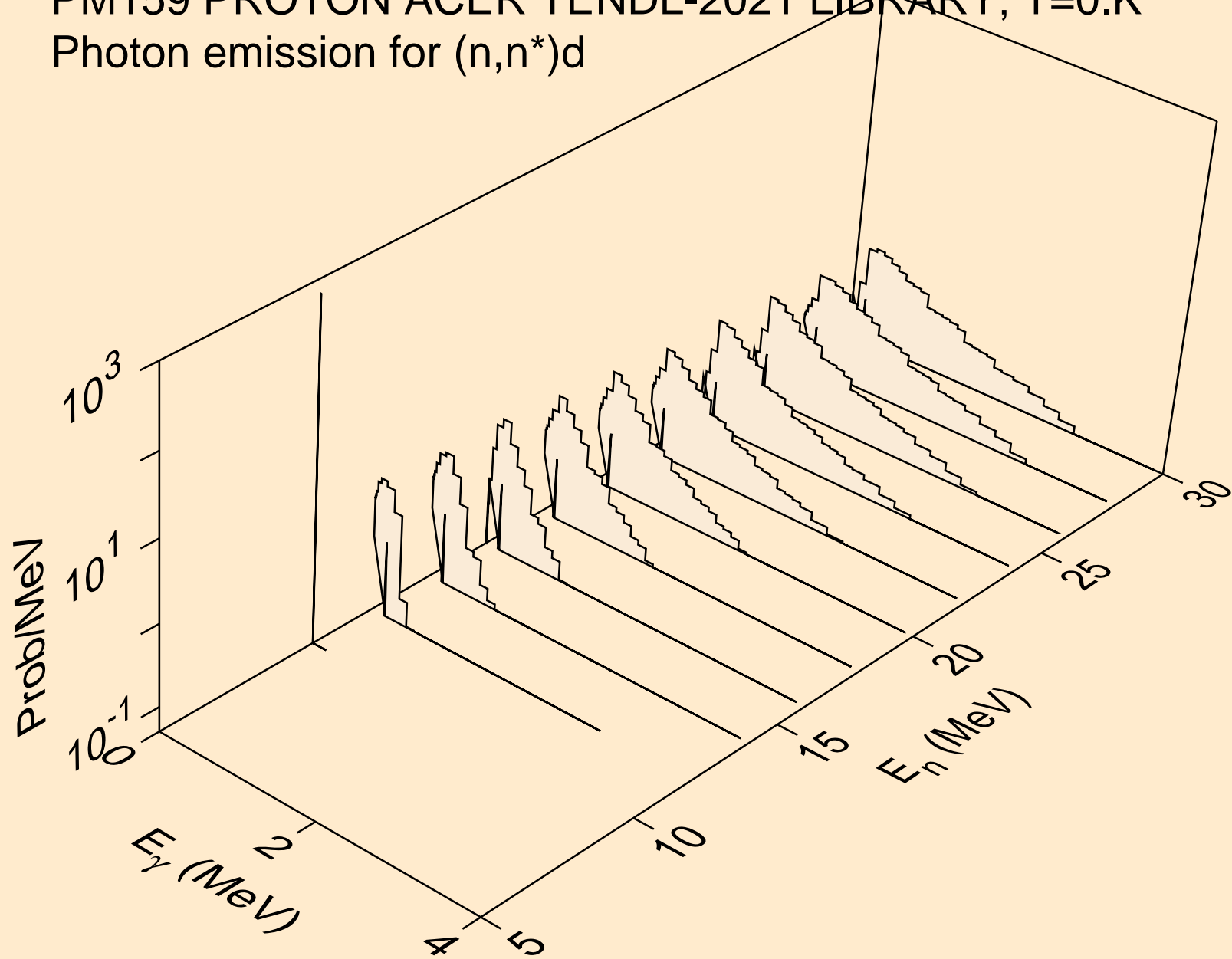
PM159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)a



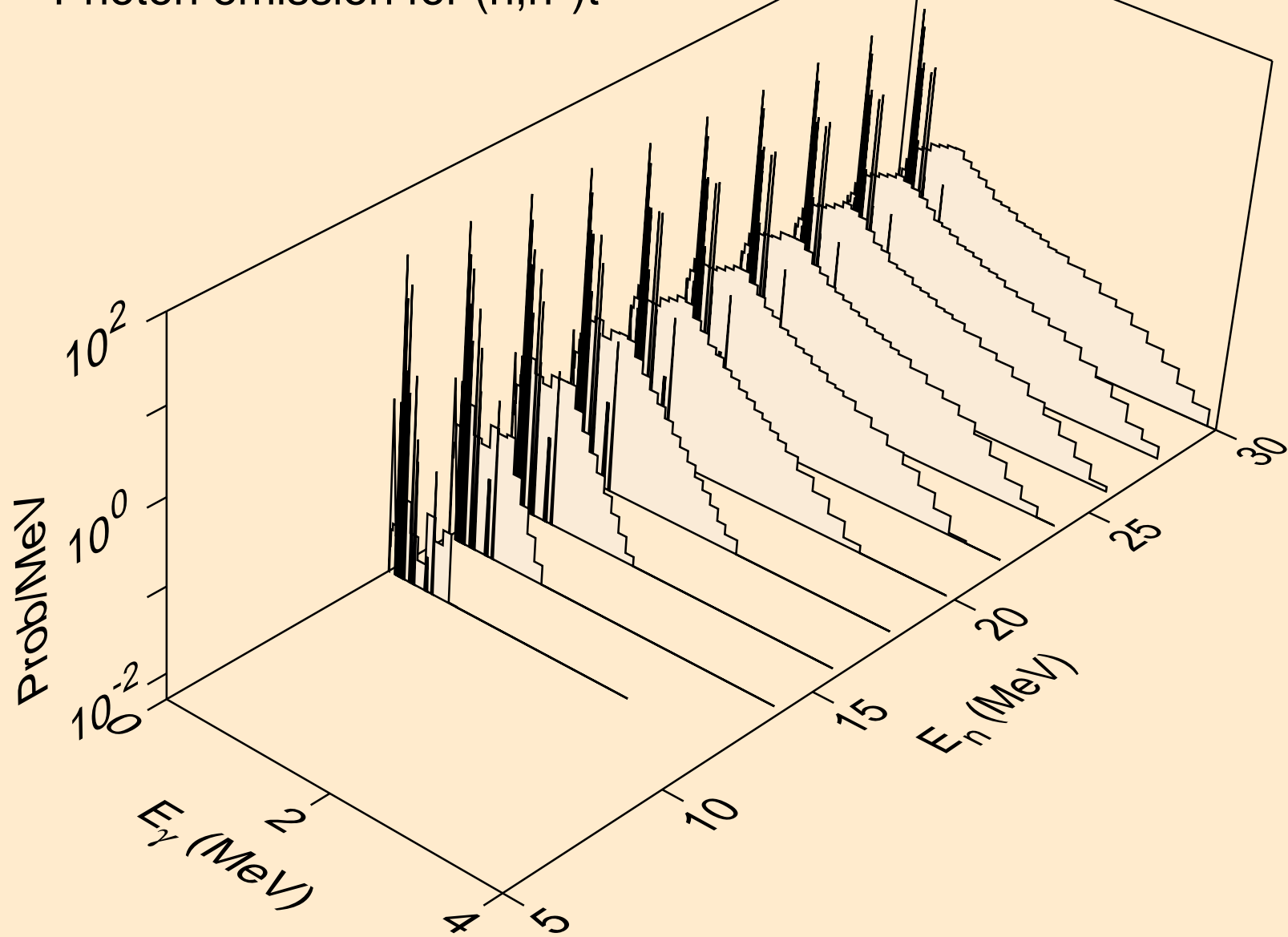
PM159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



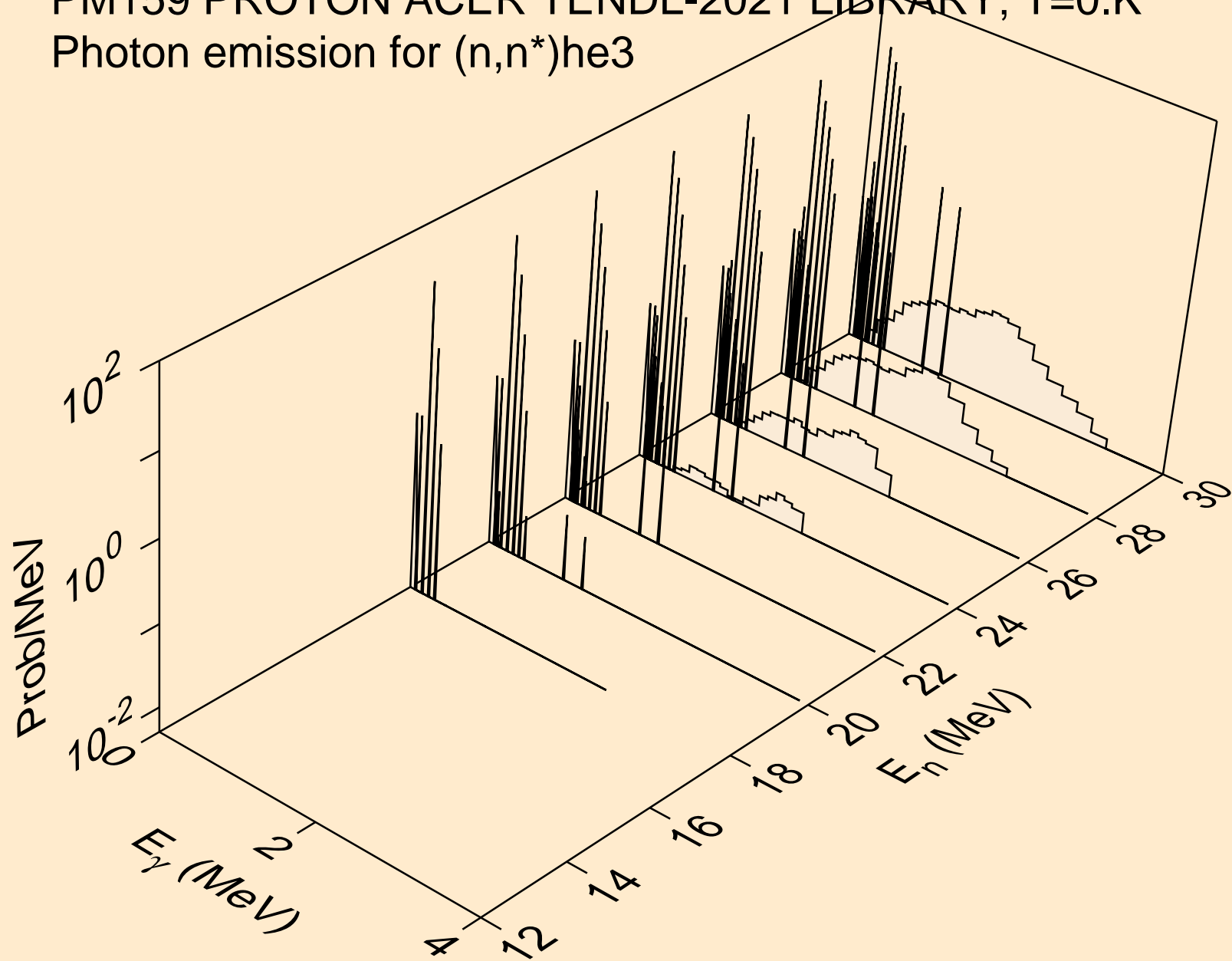
PM159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



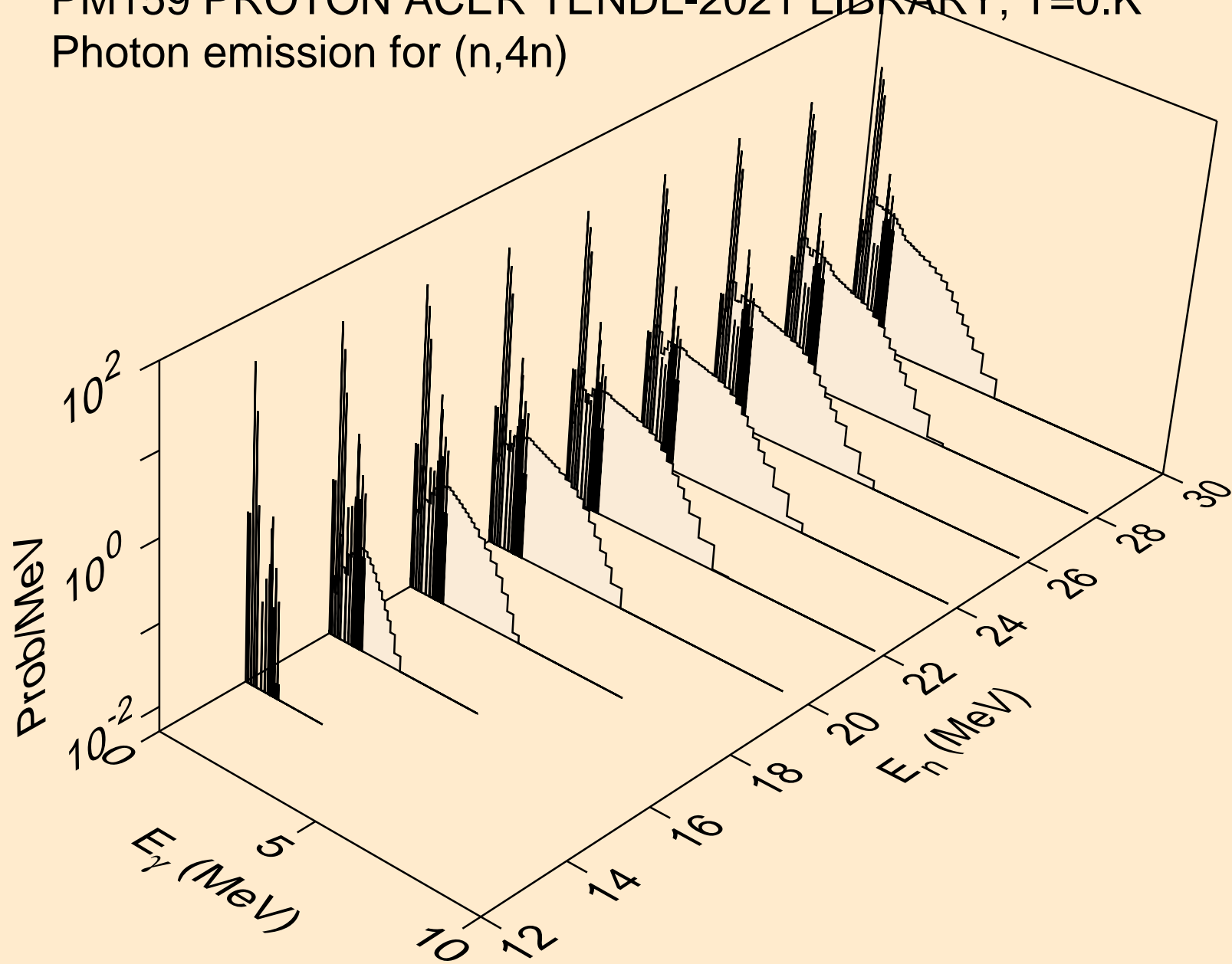
PM159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



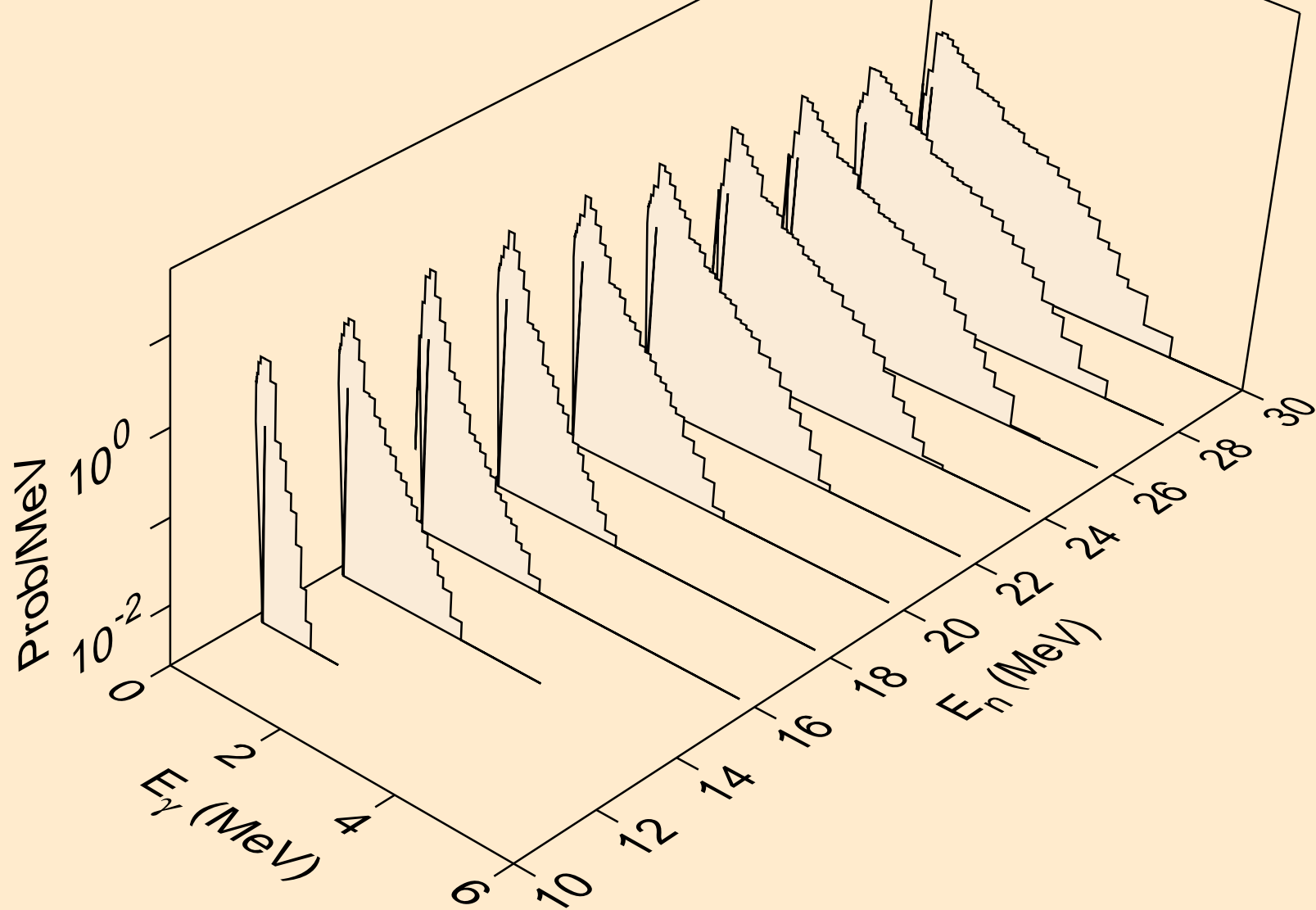
PM159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



PM159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,4n)

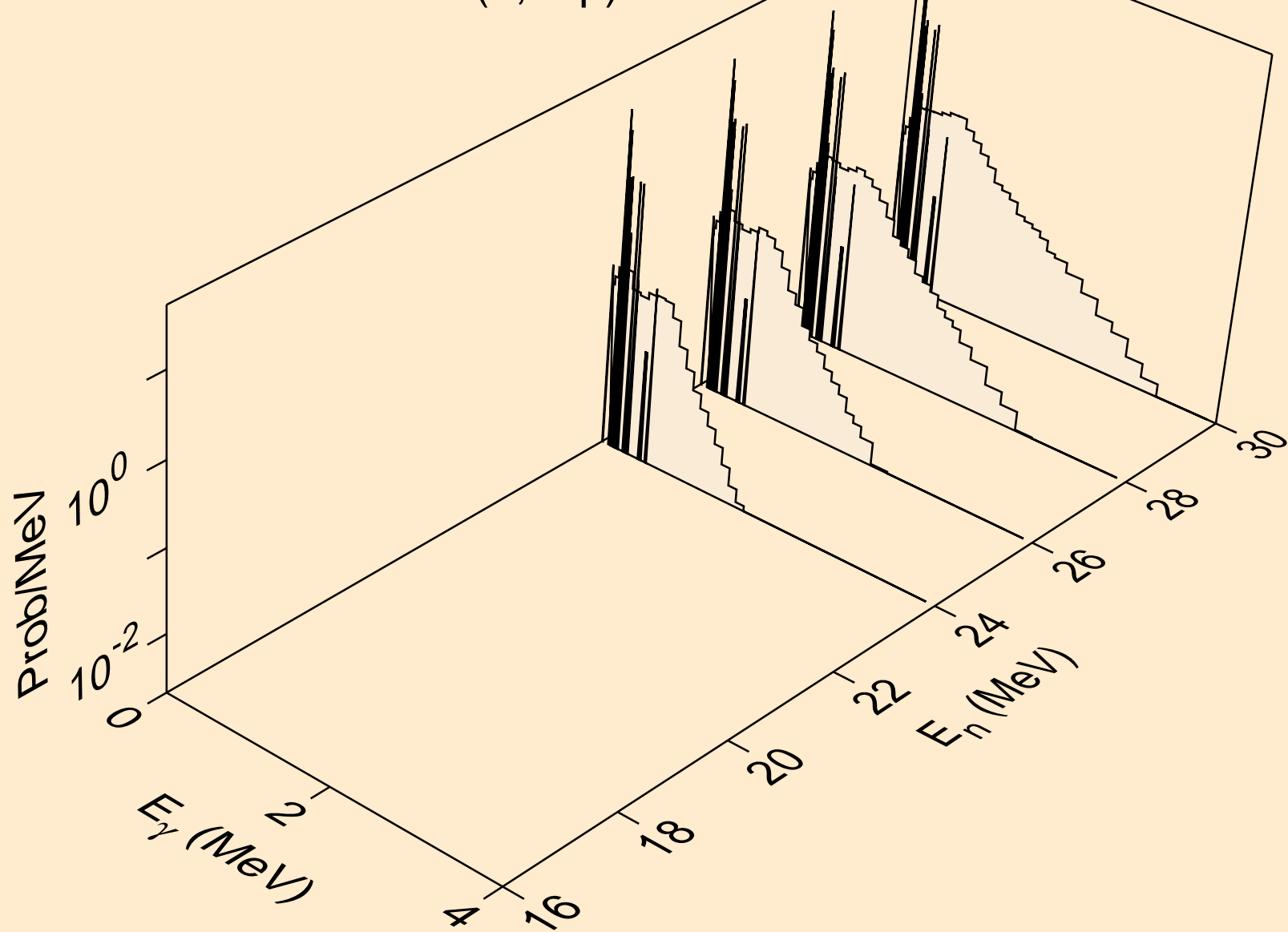


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Photon emission for (n,2np)

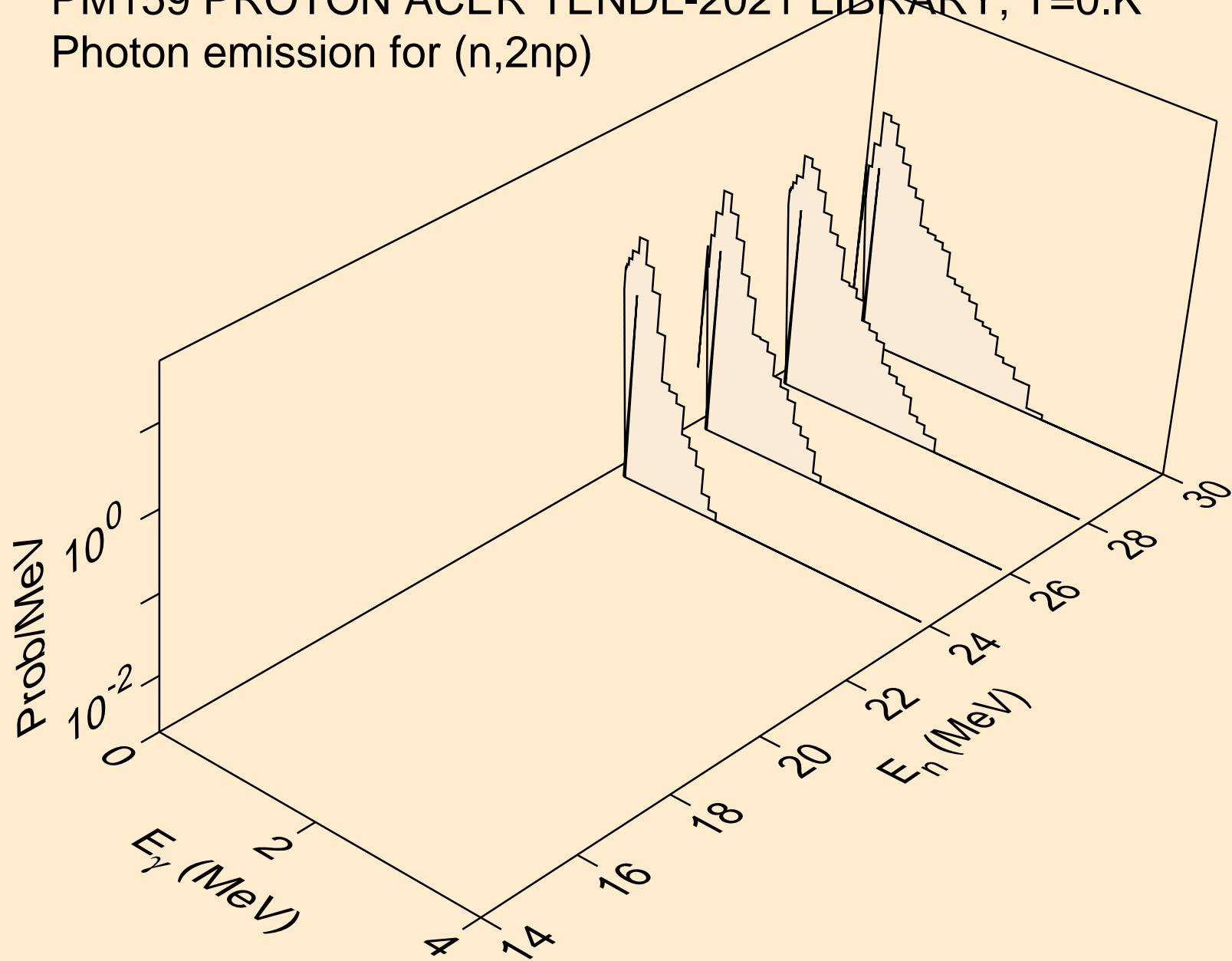




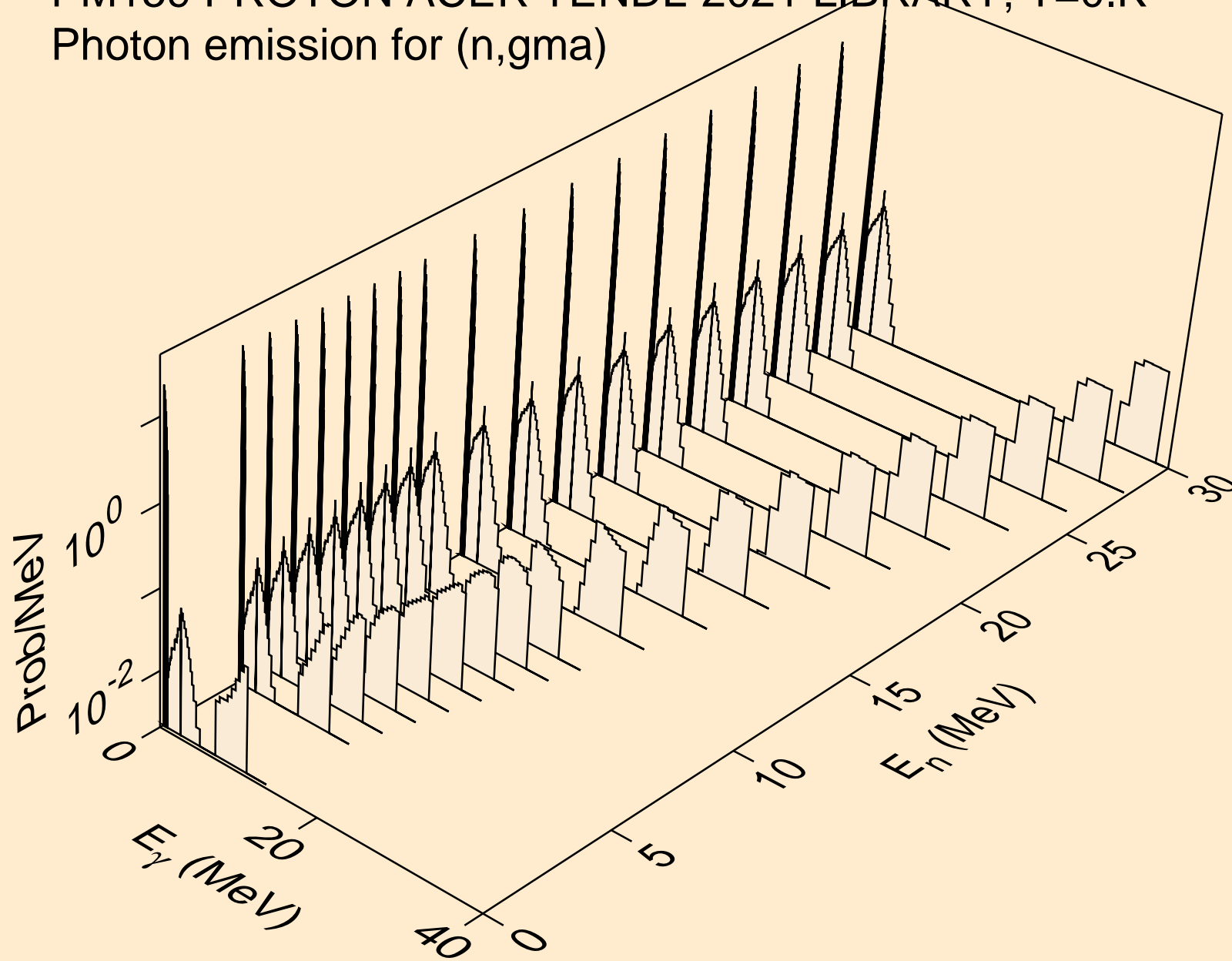
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Photon emission for (n,3np)



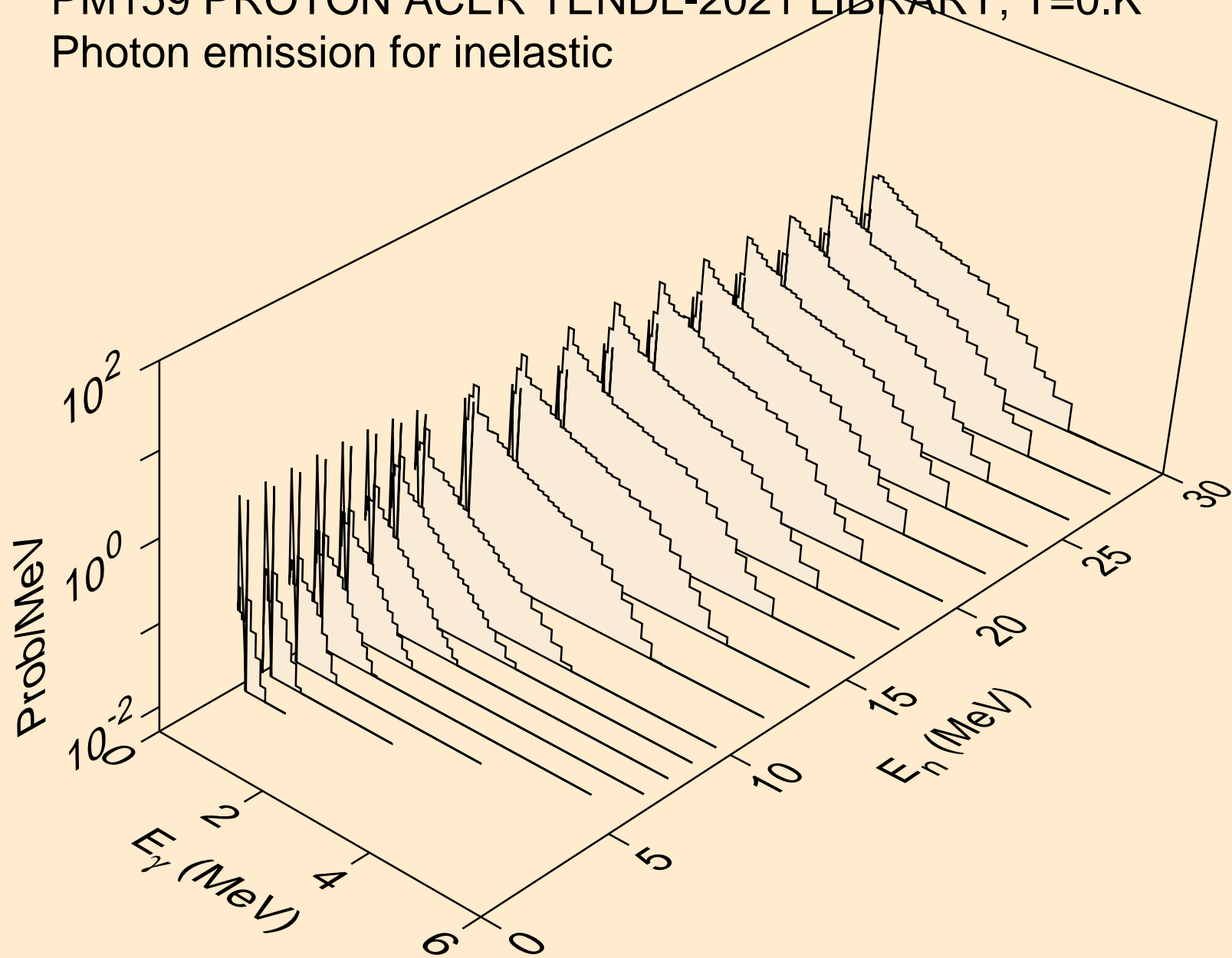
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Photon emission for (n,2np)



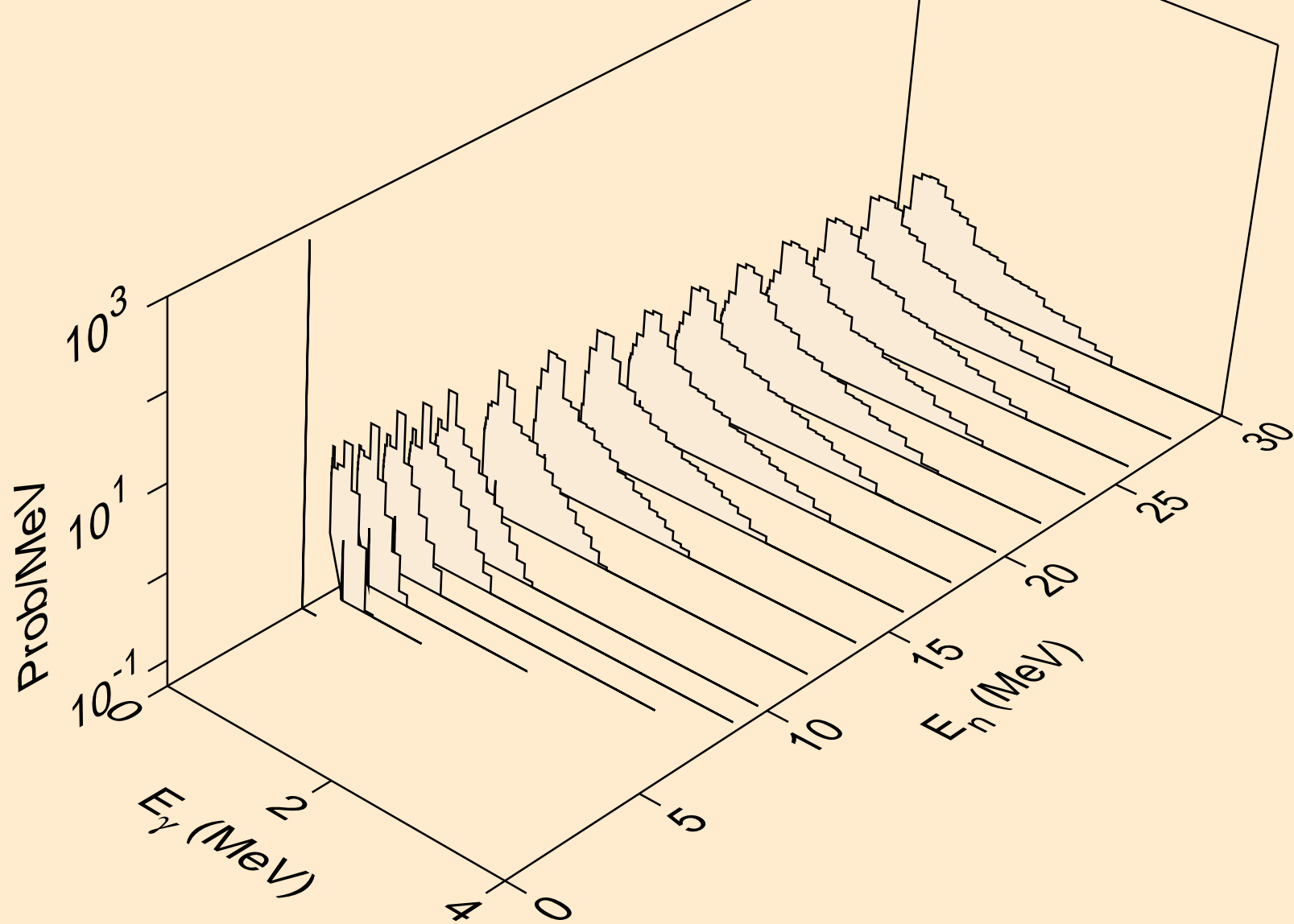
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Photon emission for (n,gma)



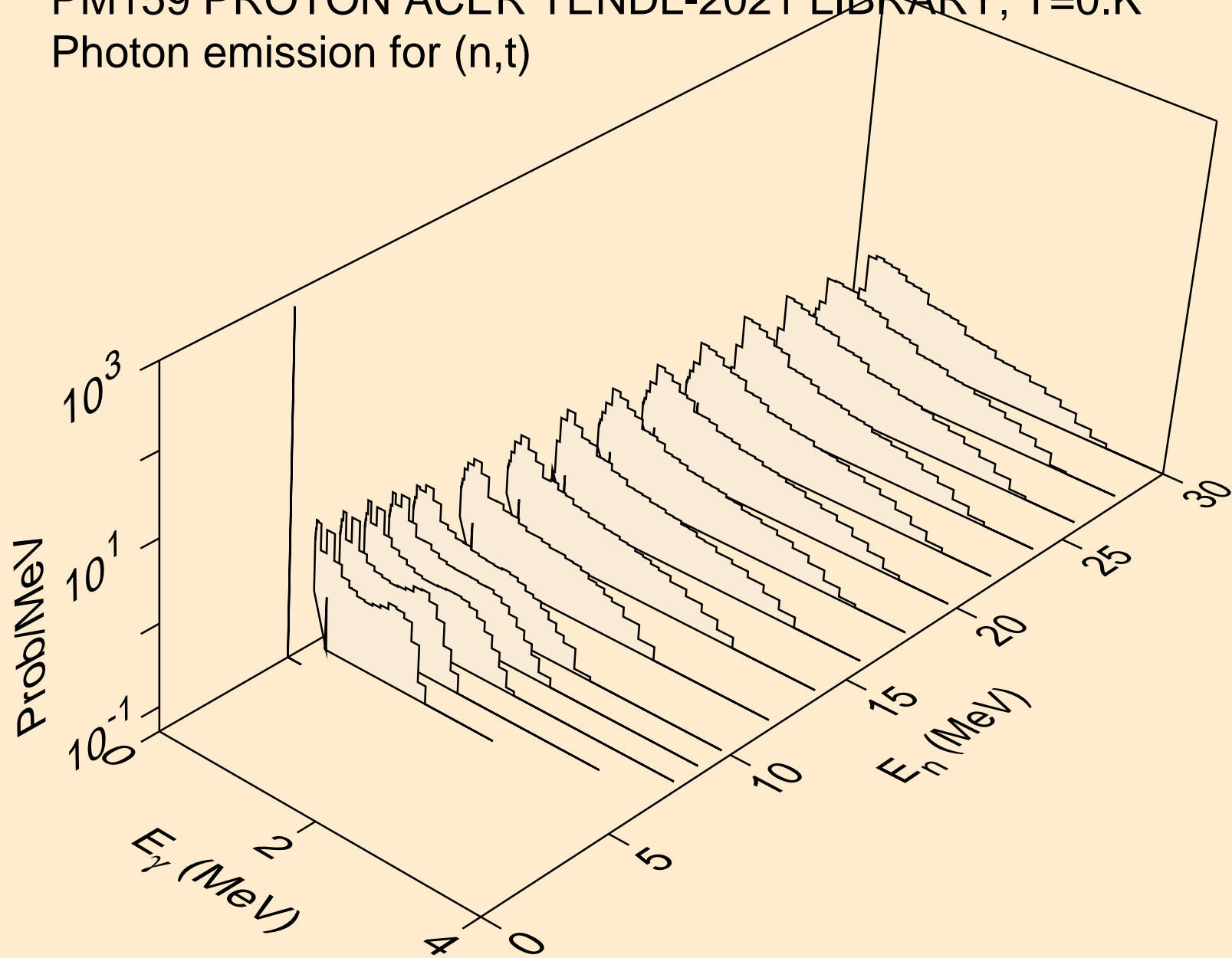
PM159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



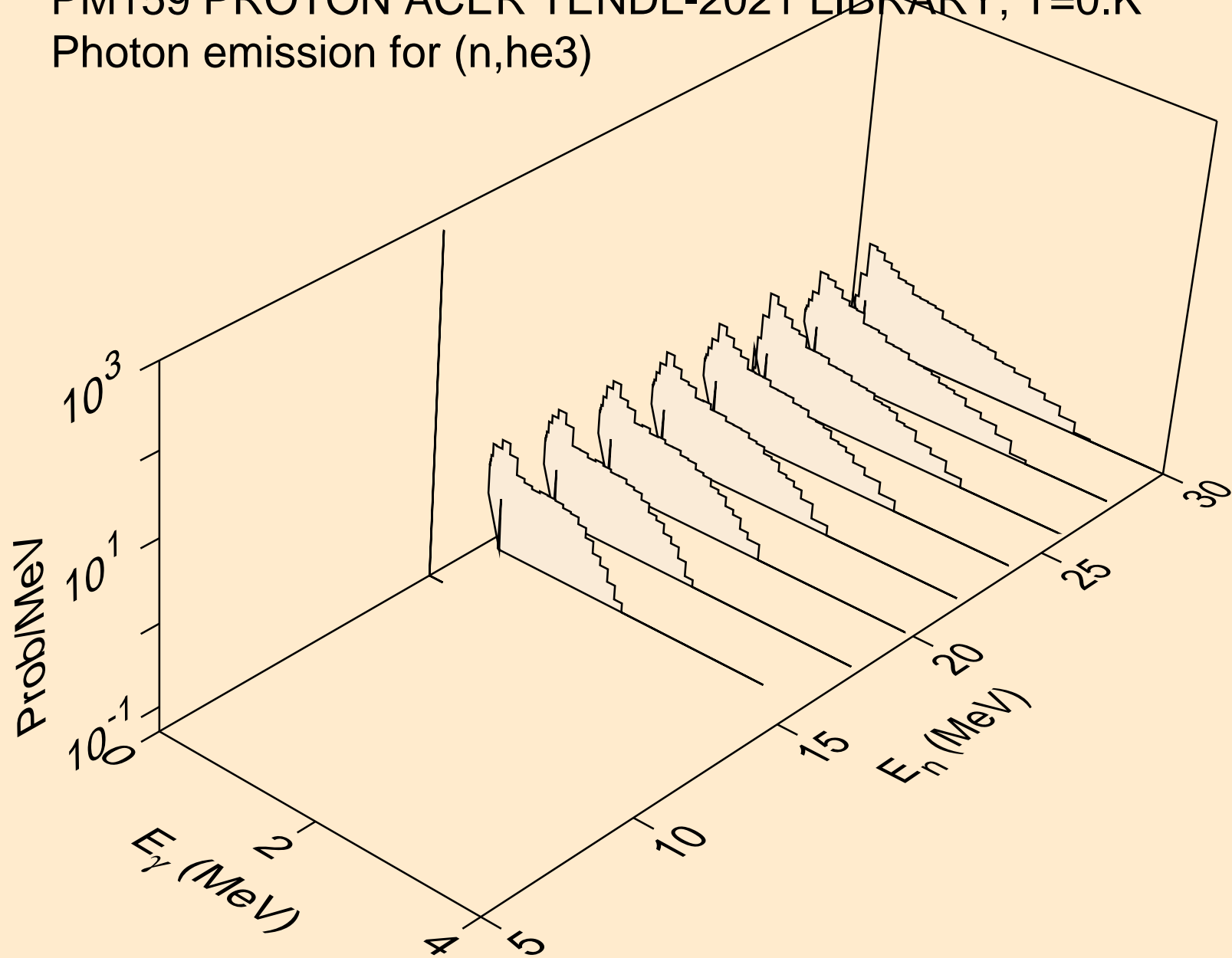
PM159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)



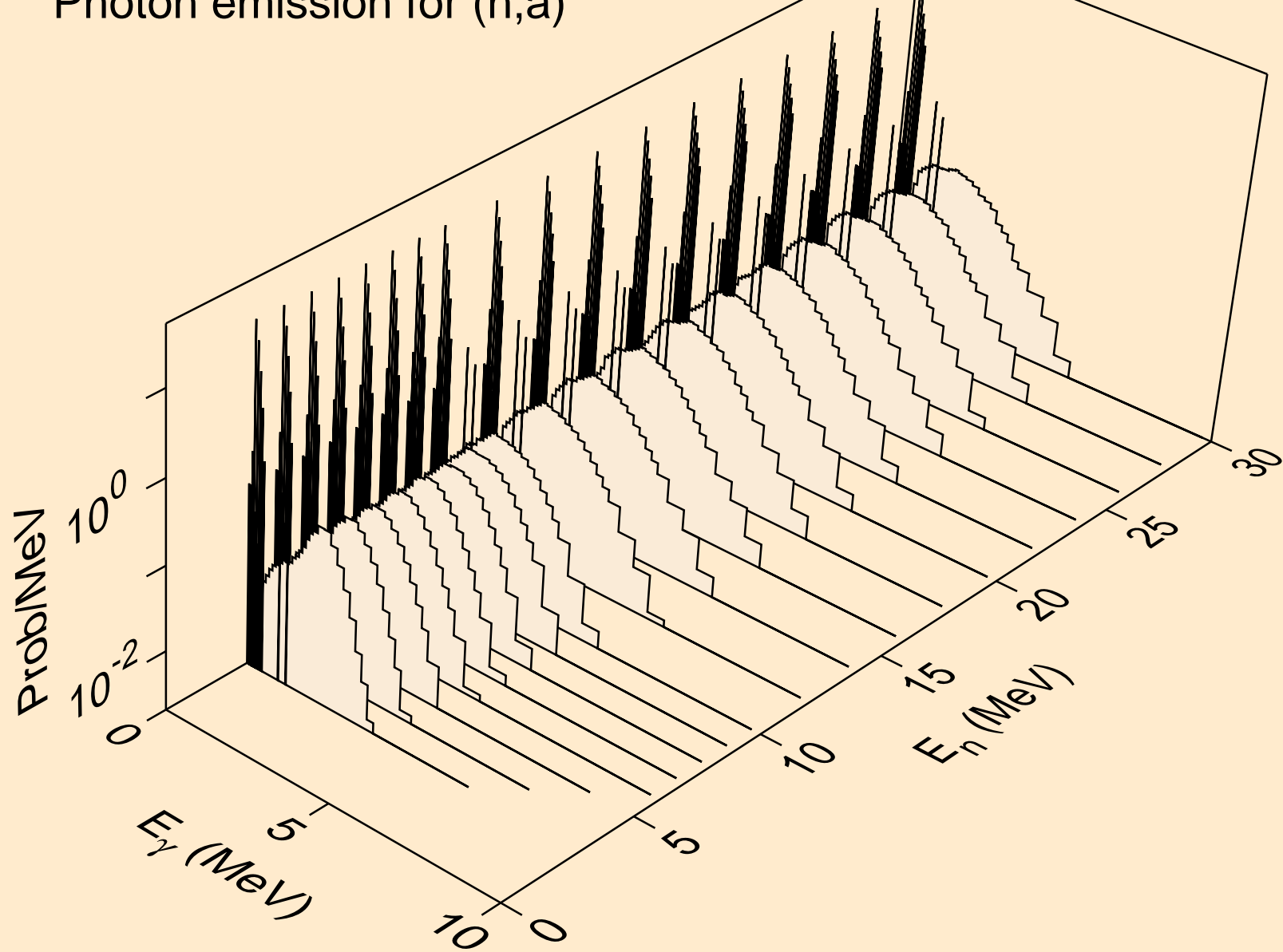
PM159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)



PM159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,he3)

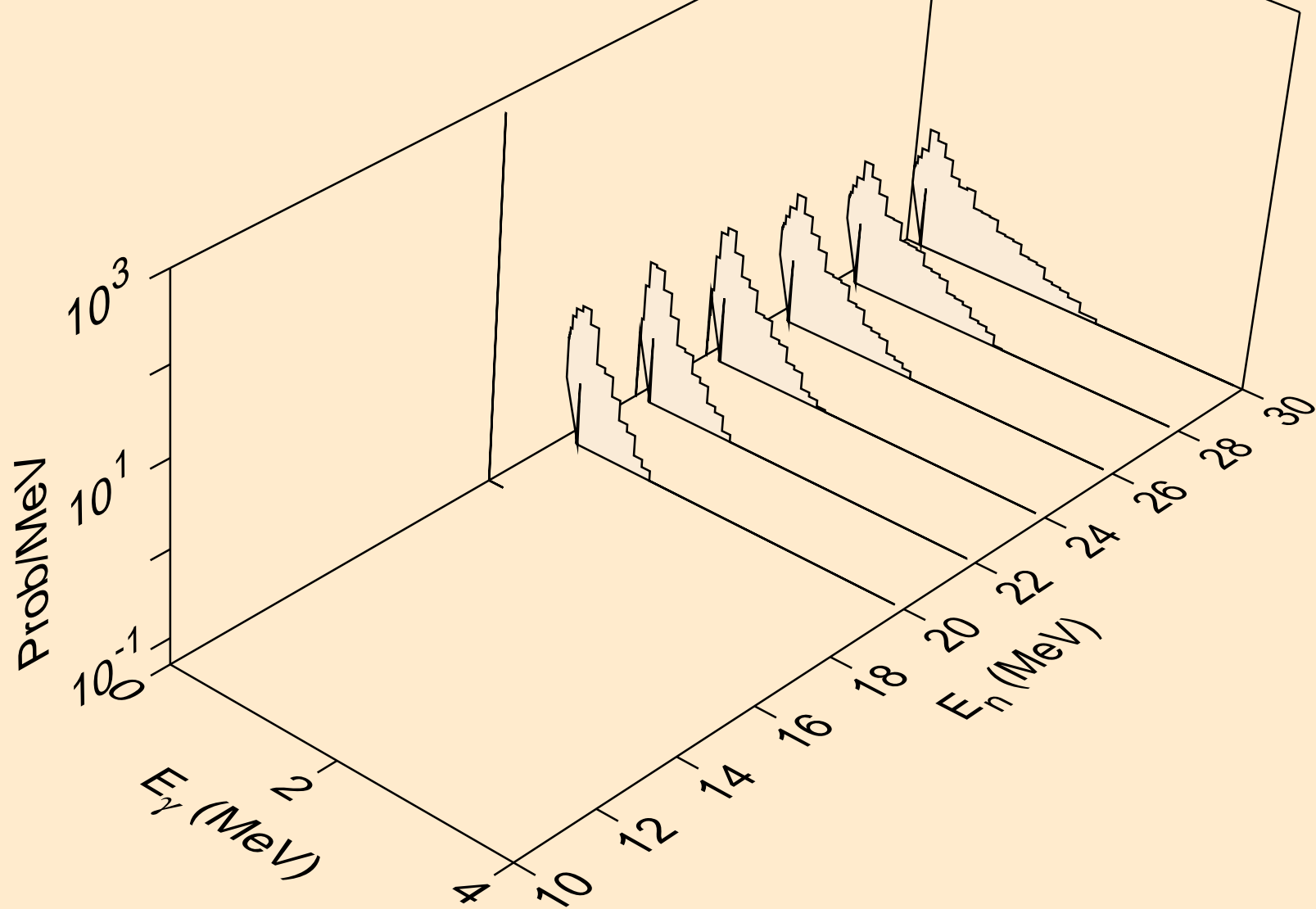


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Photon emission for (n,a)

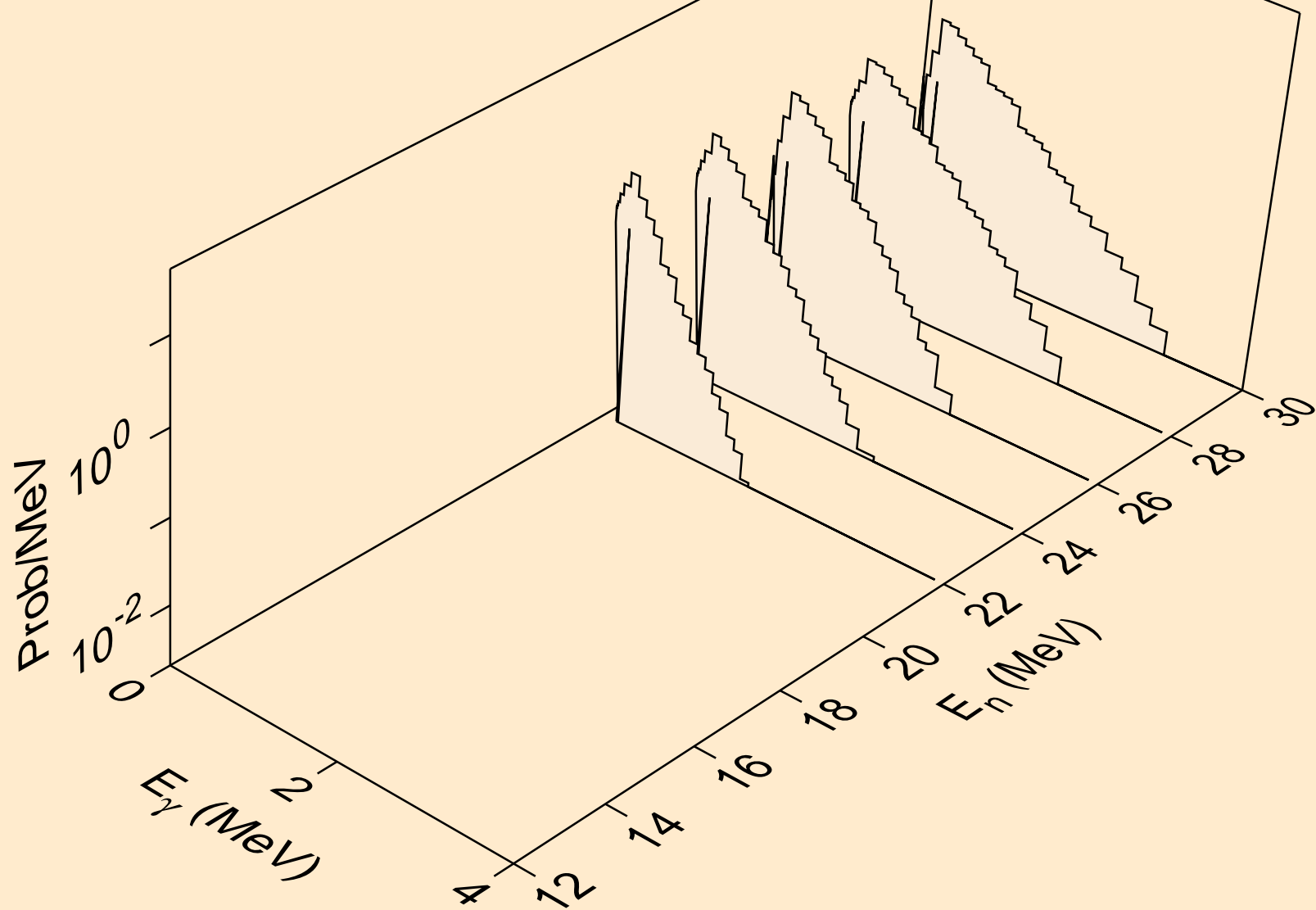




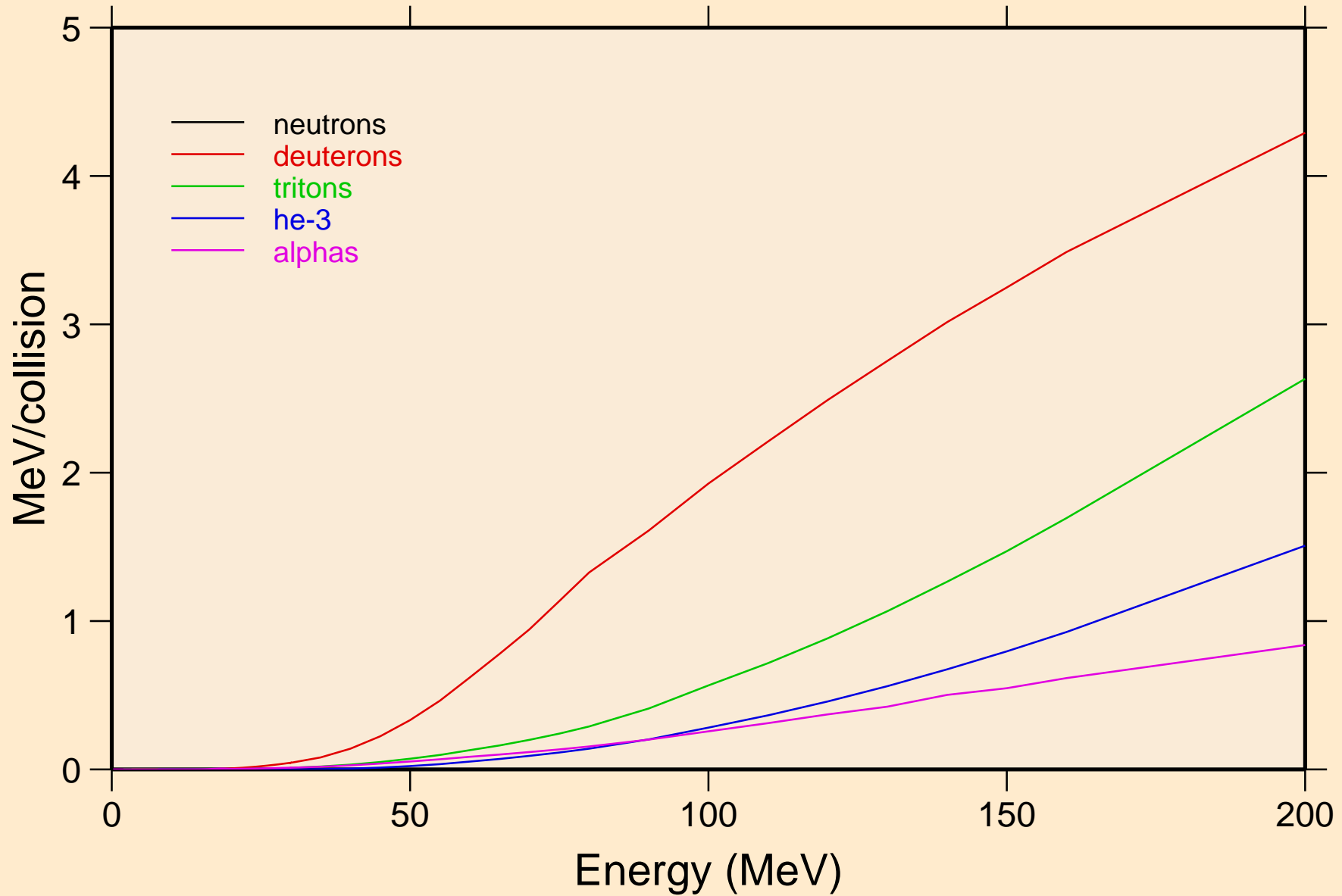
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Photon emission for (n,2p)



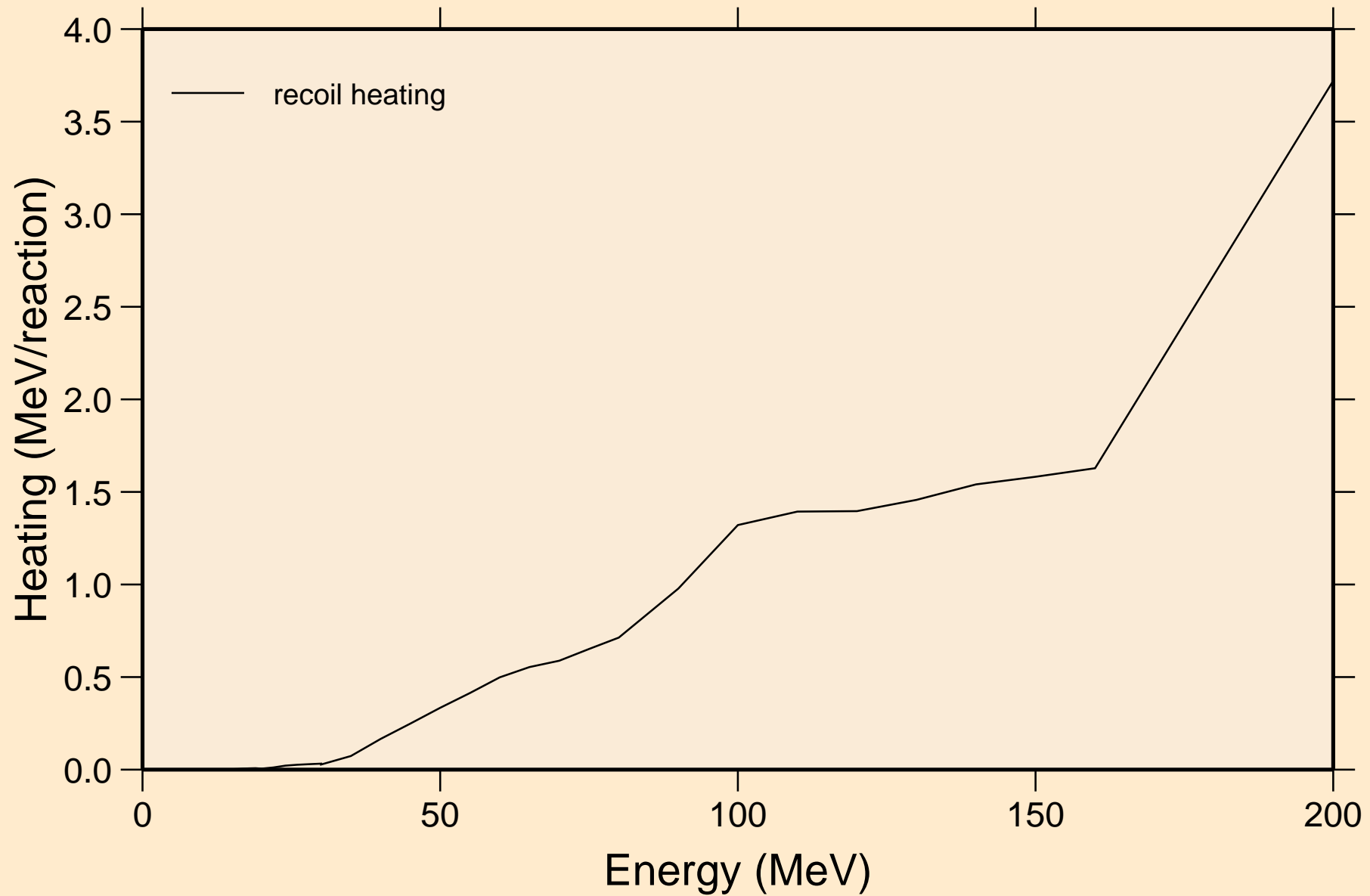
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Photon emission for (n,pd)



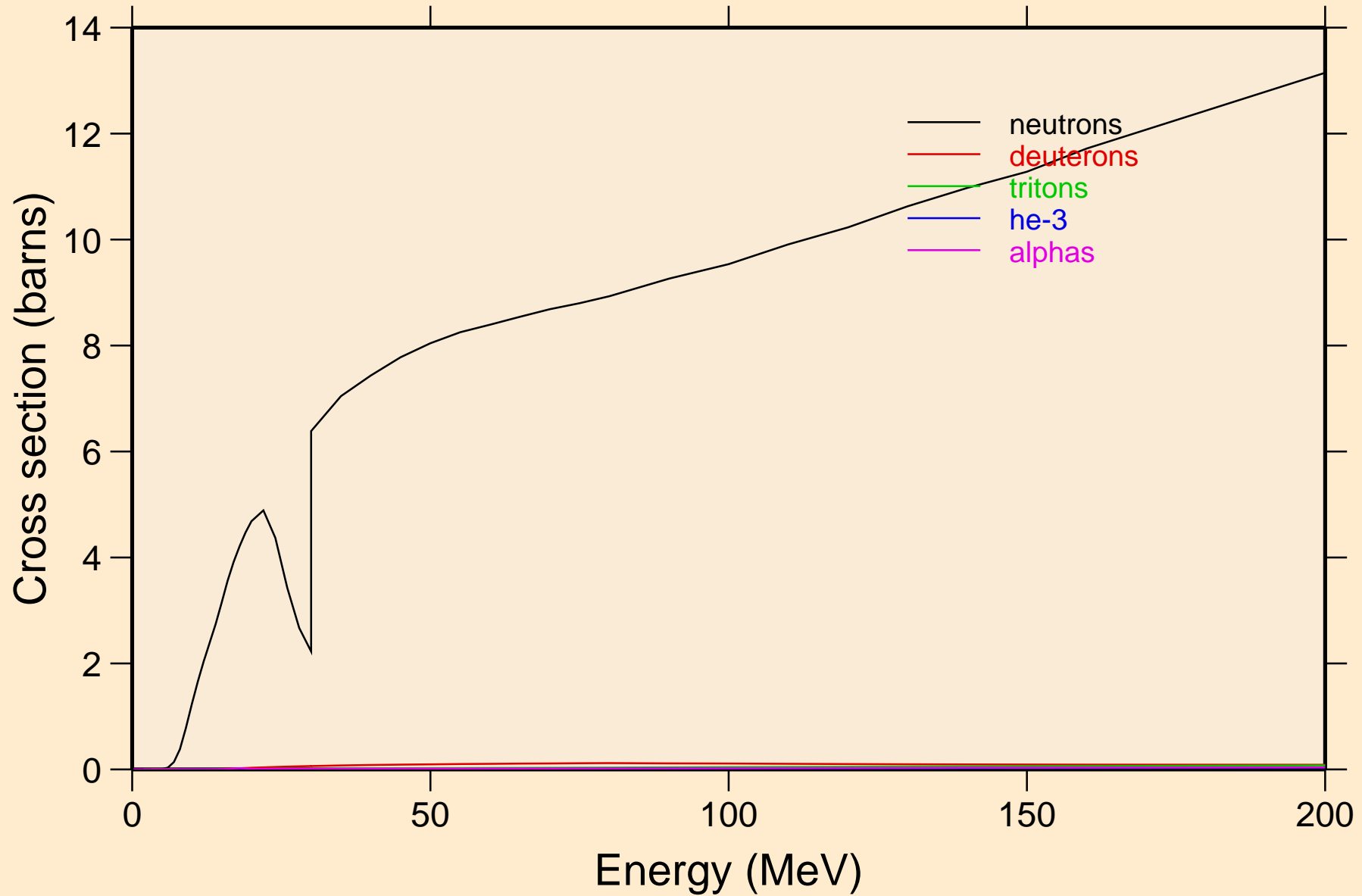
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Particle heating contributions



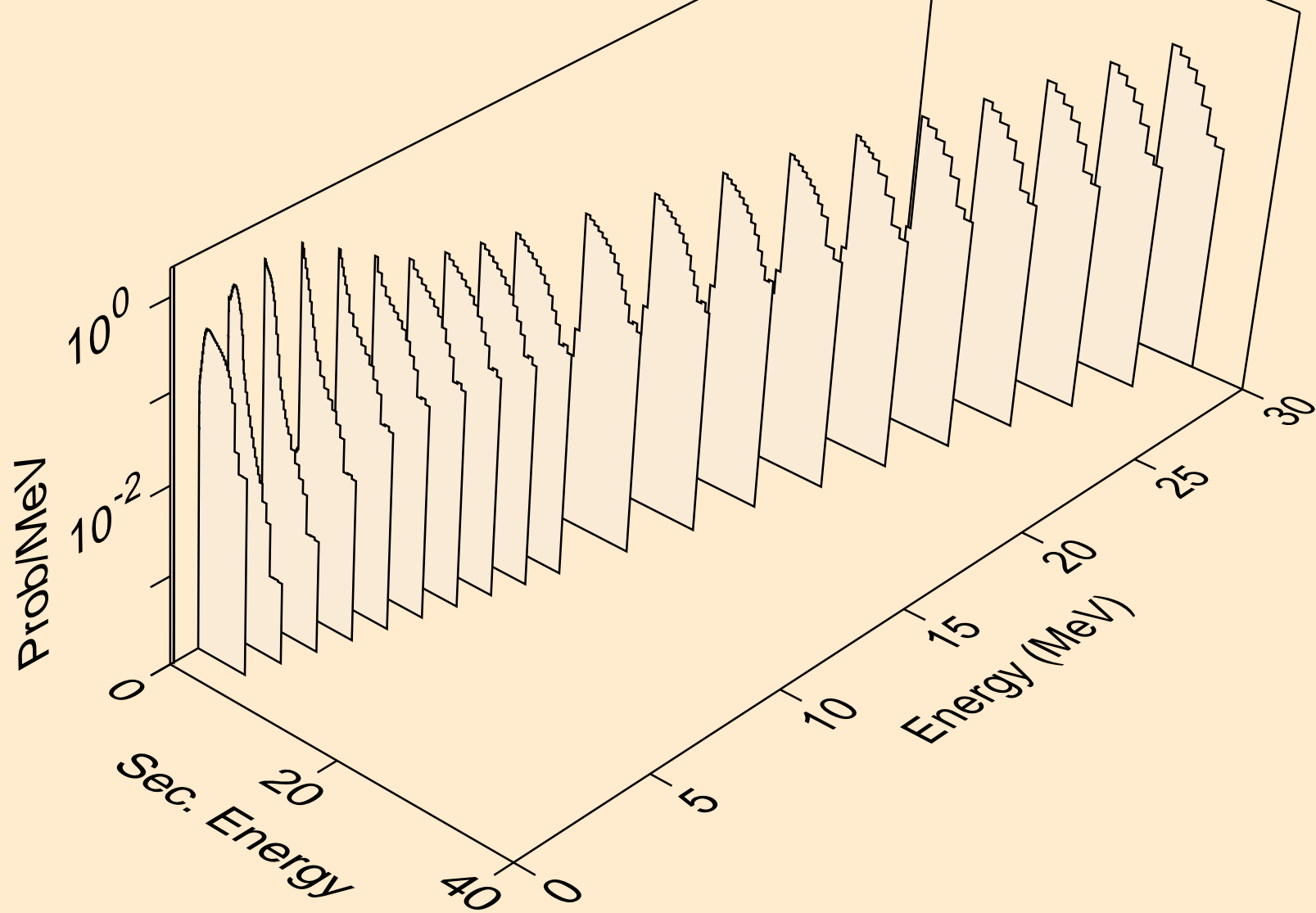
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Recoil Heating



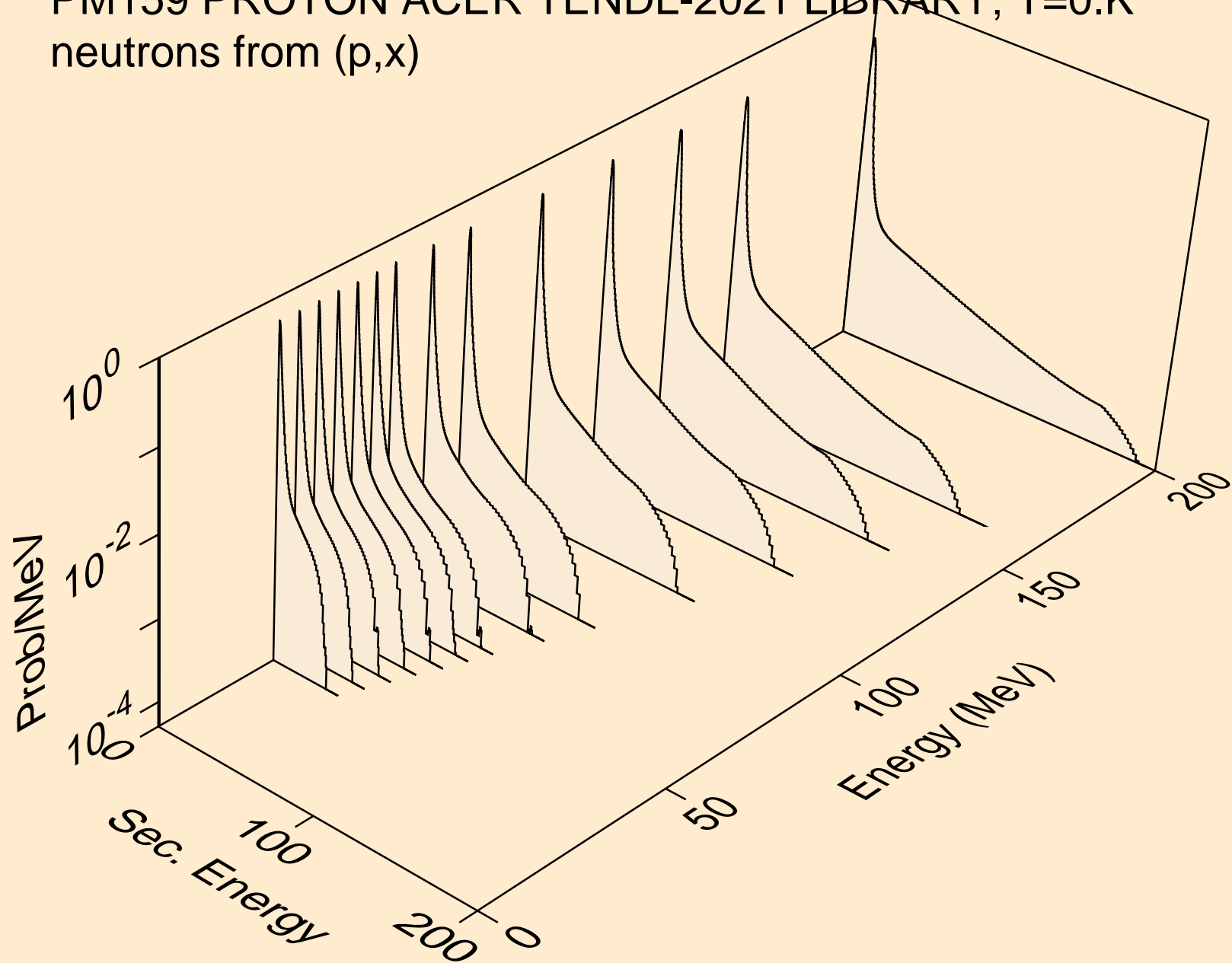
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Particle production cross sections



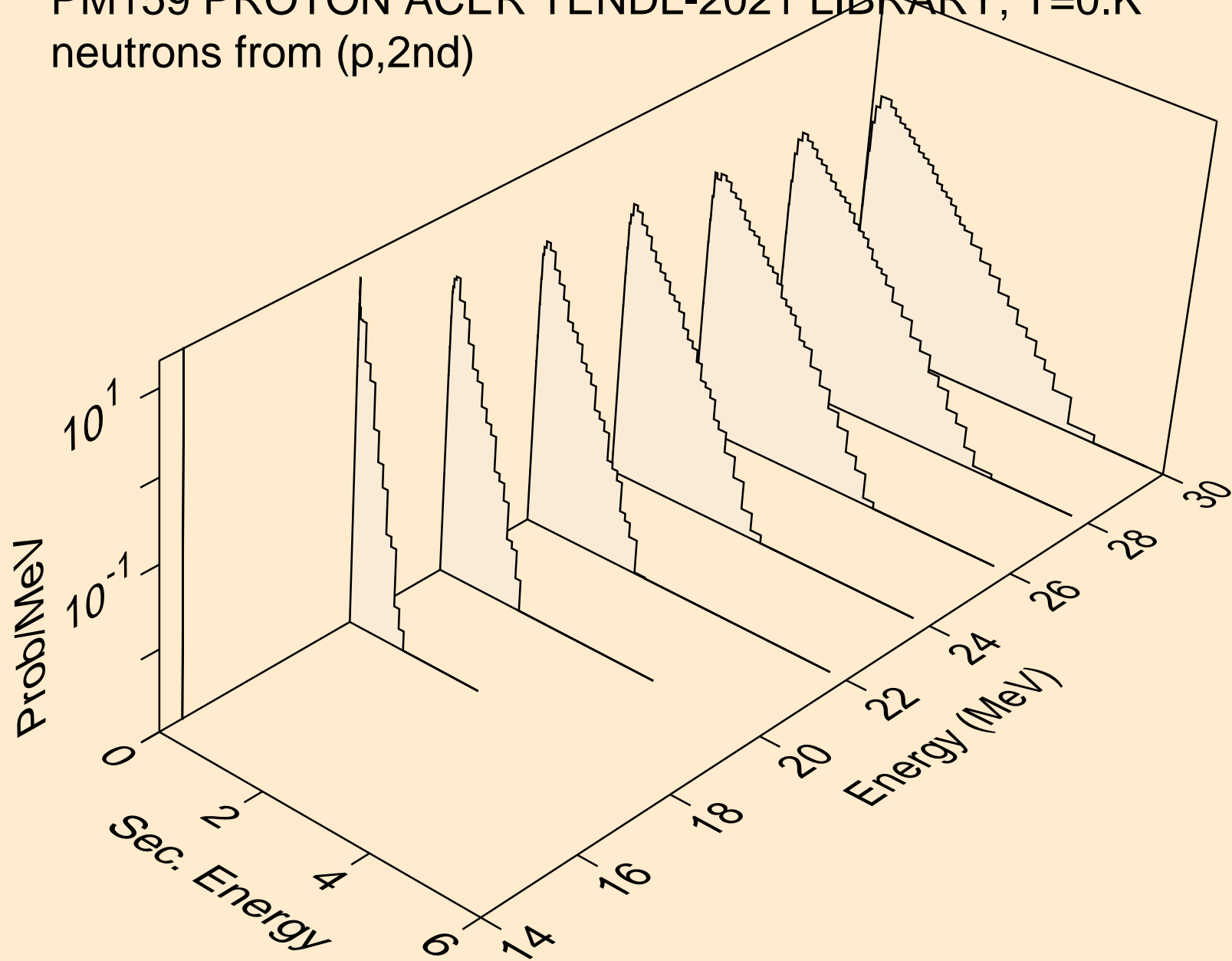
PM159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n)



PM159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,x)

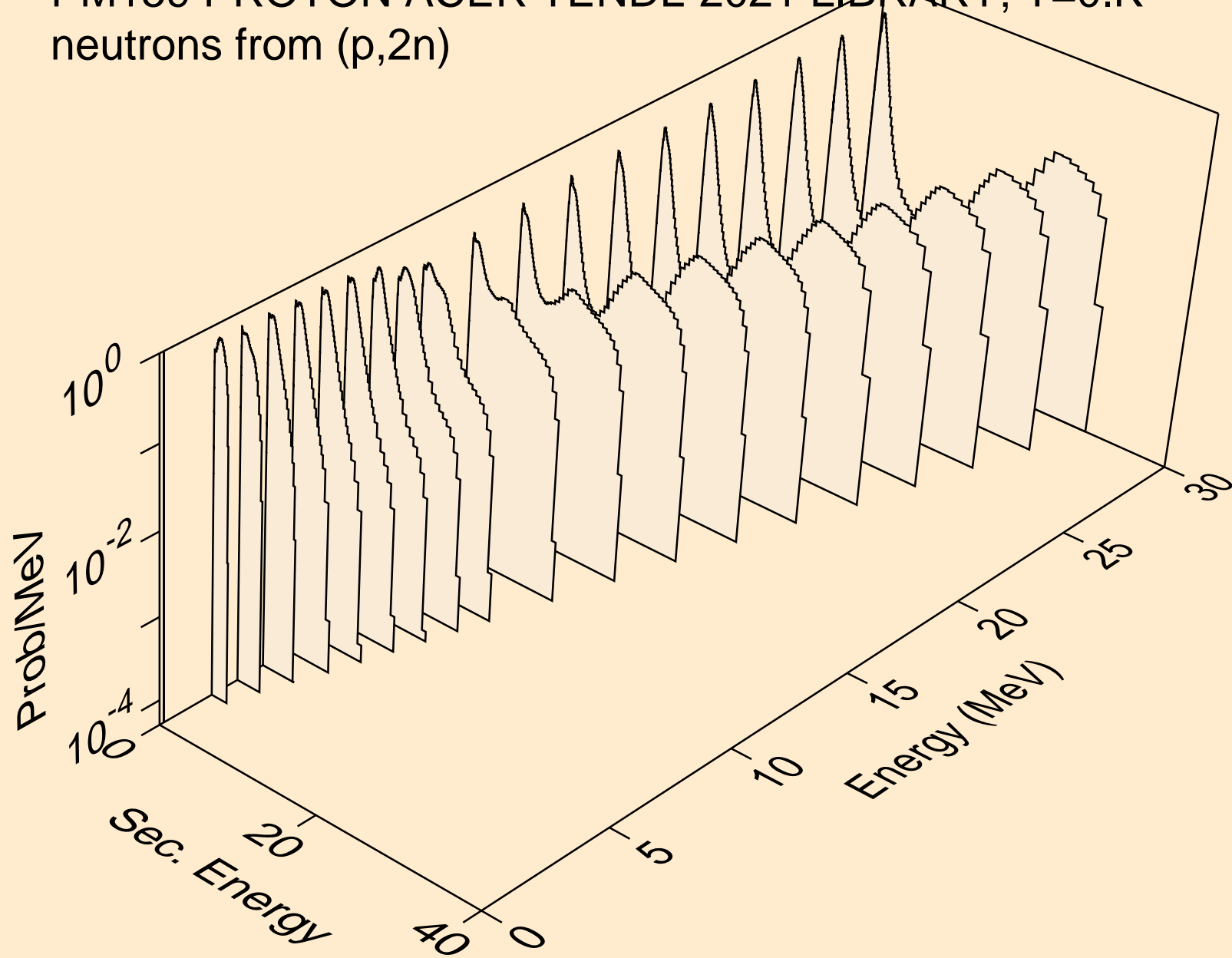


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neutrons from (p,2nd)

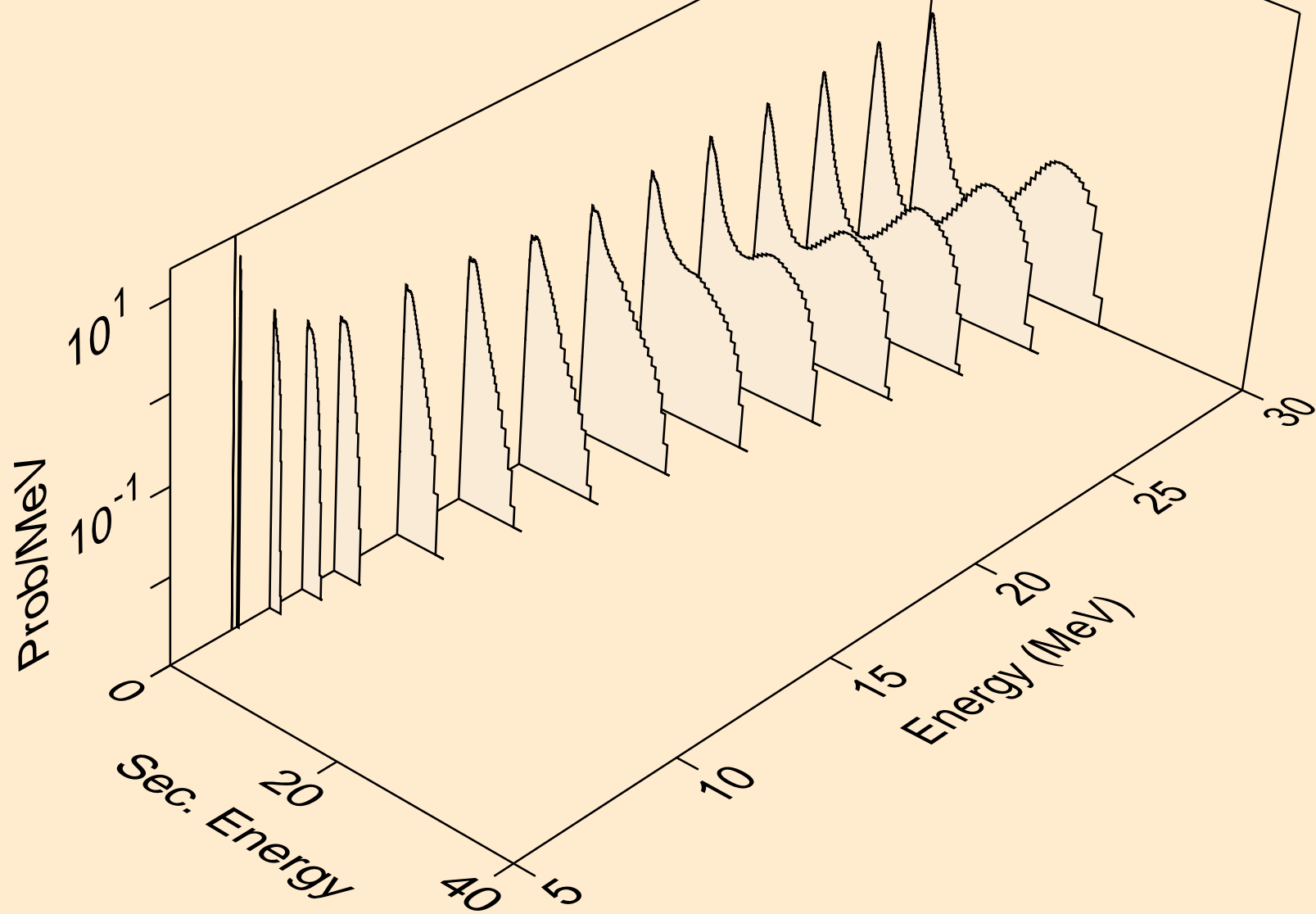




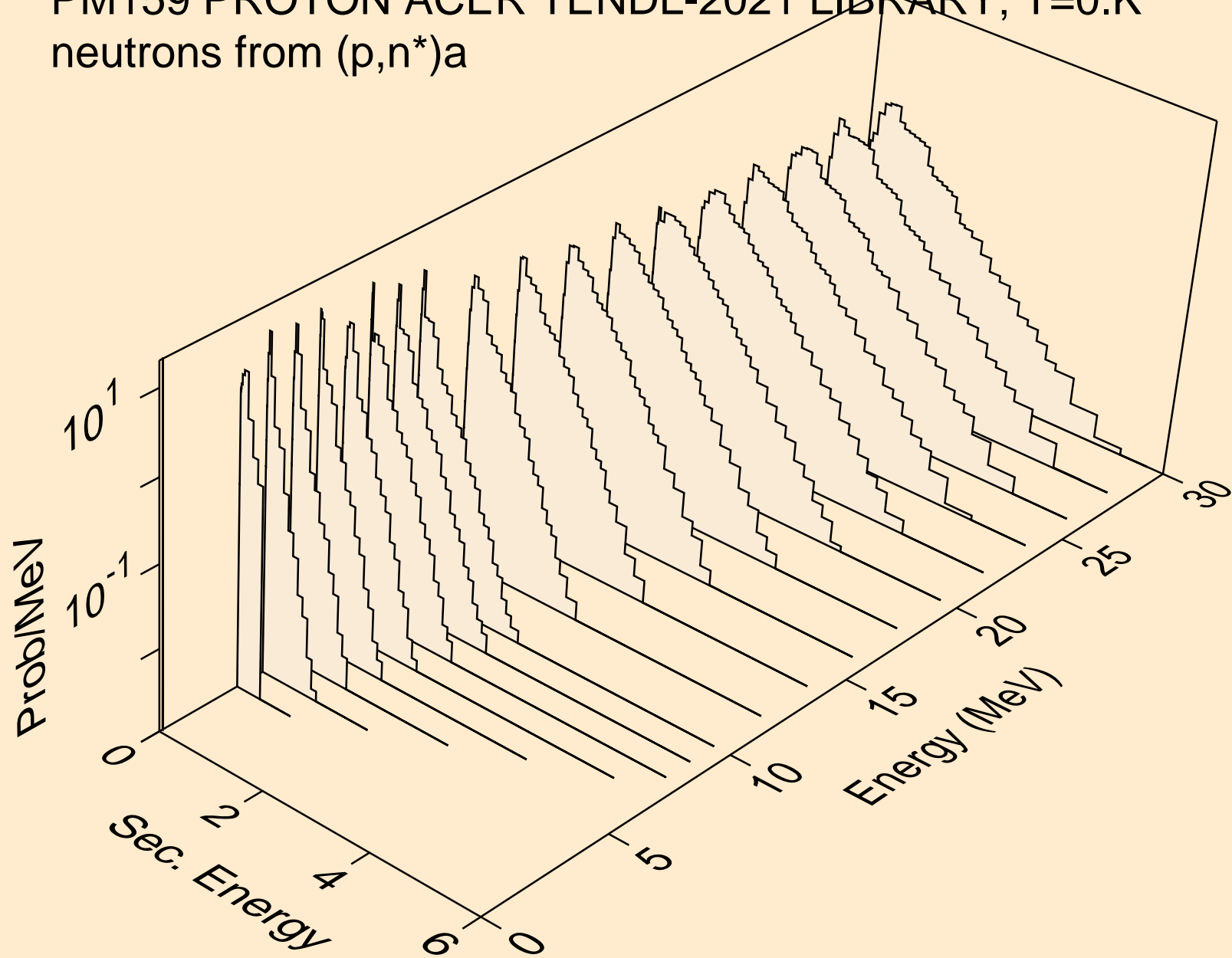
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neutrons from (p,2n)



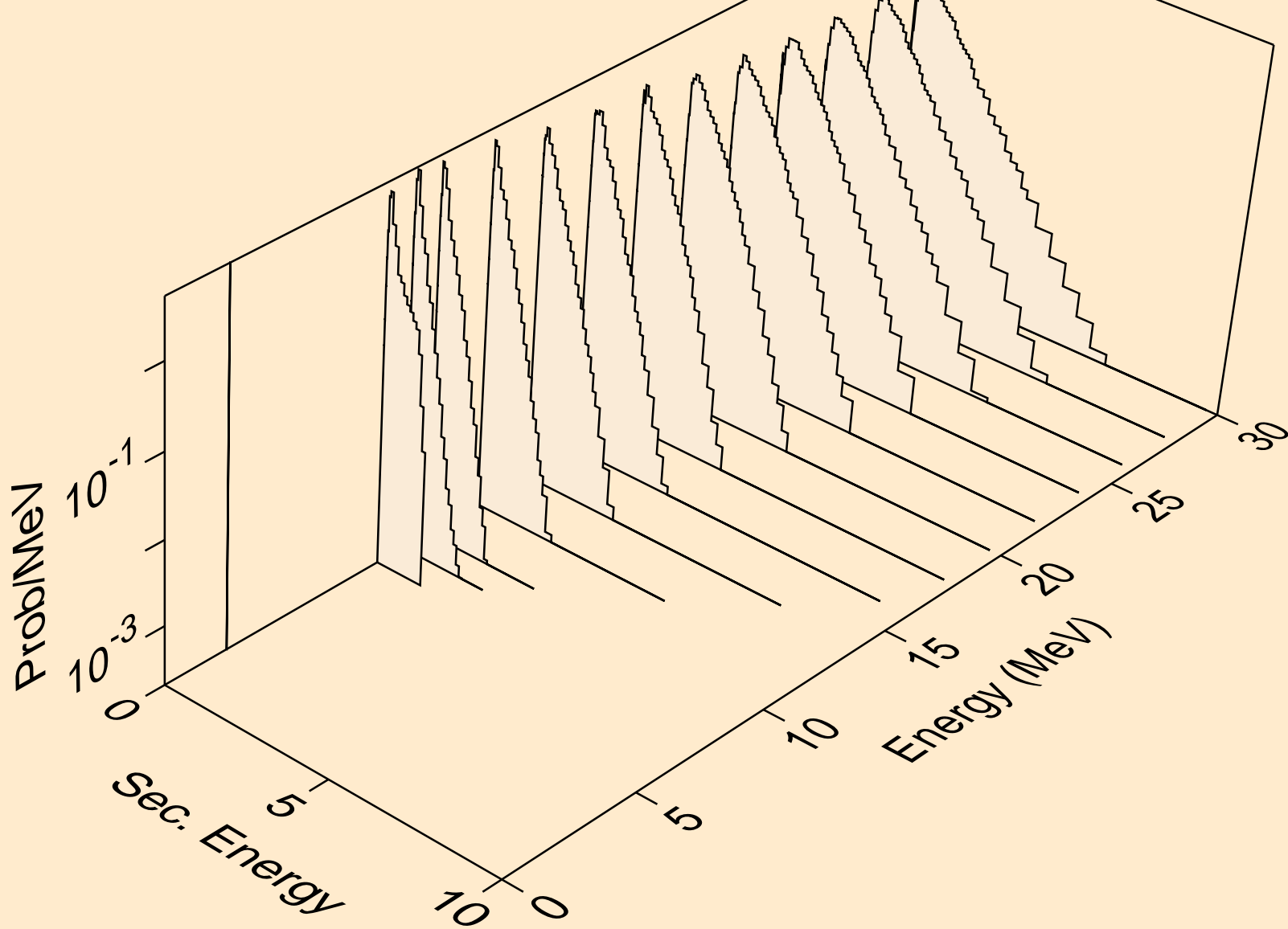
PM159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,3n)



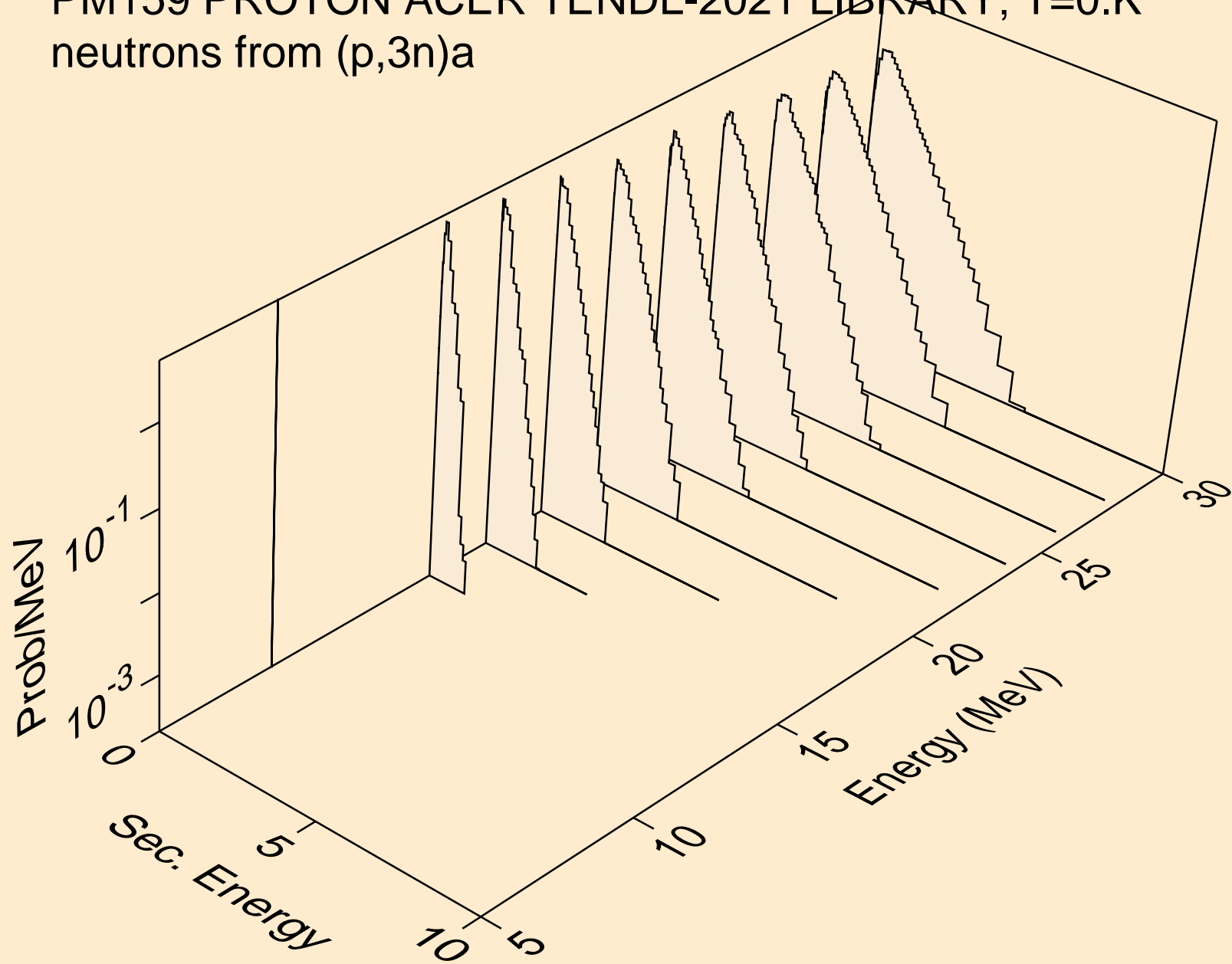
PM159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)a



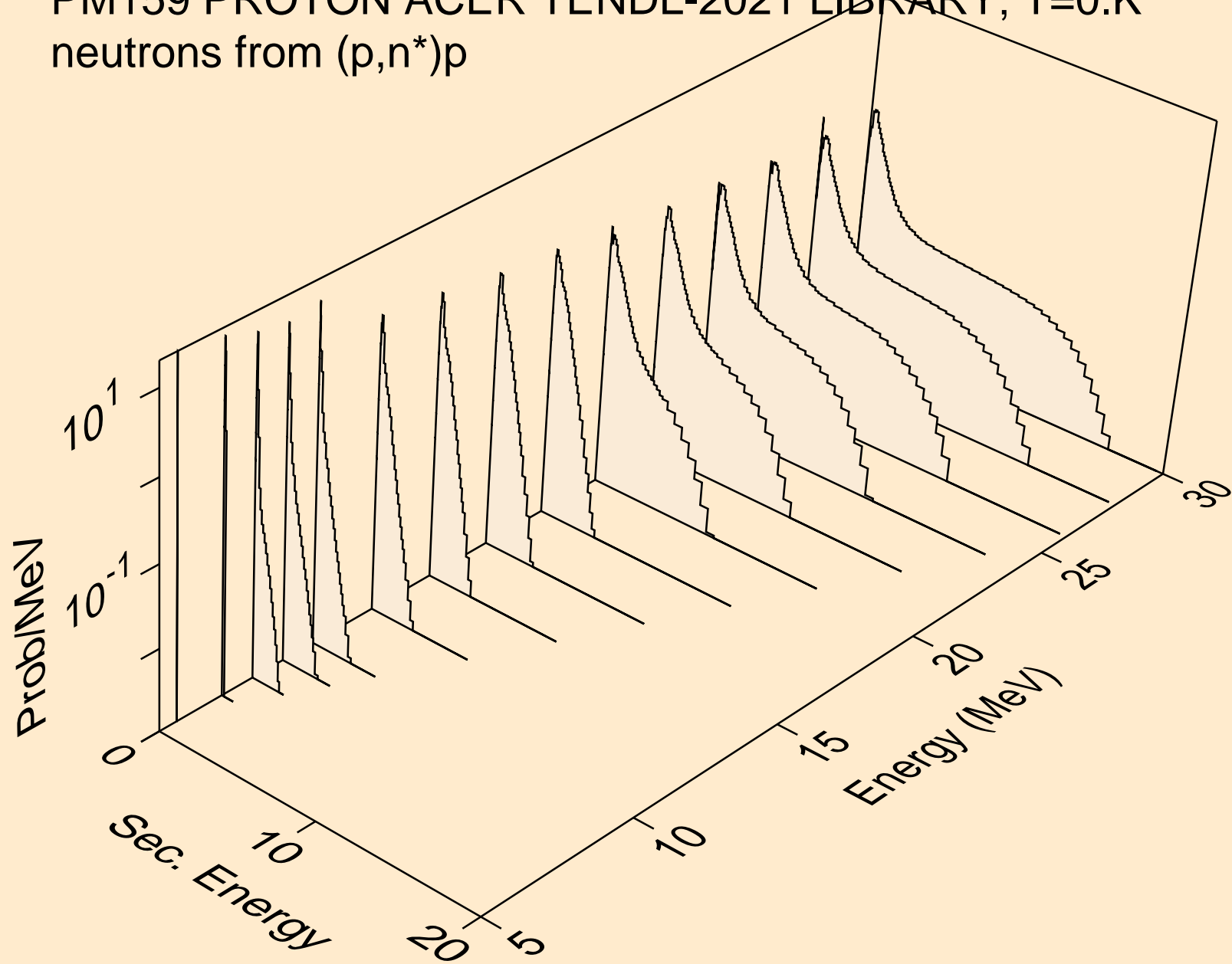
PM159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2n)a



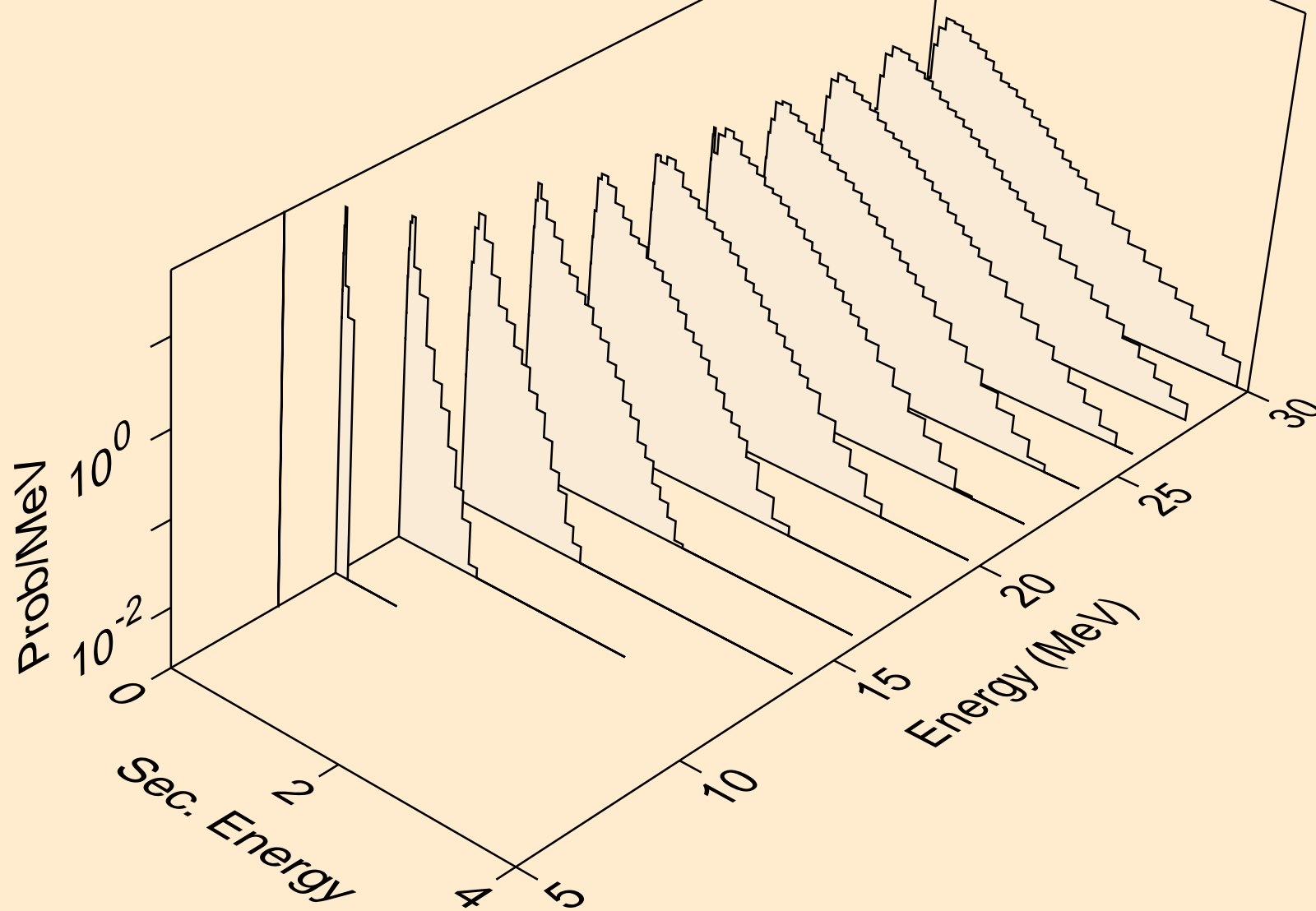
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neutrons from (p,3n)a



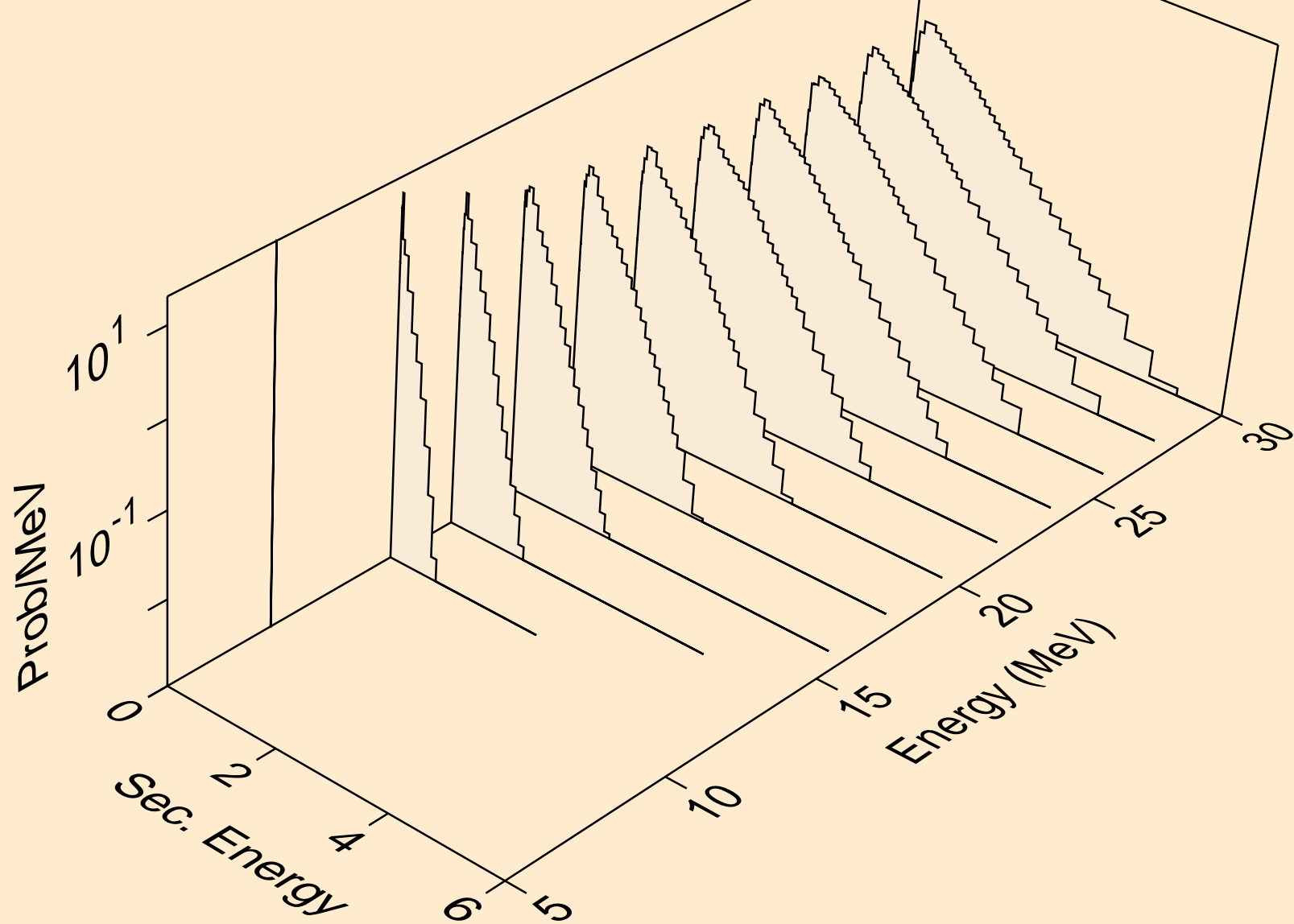
PM159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)p



PM159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)d

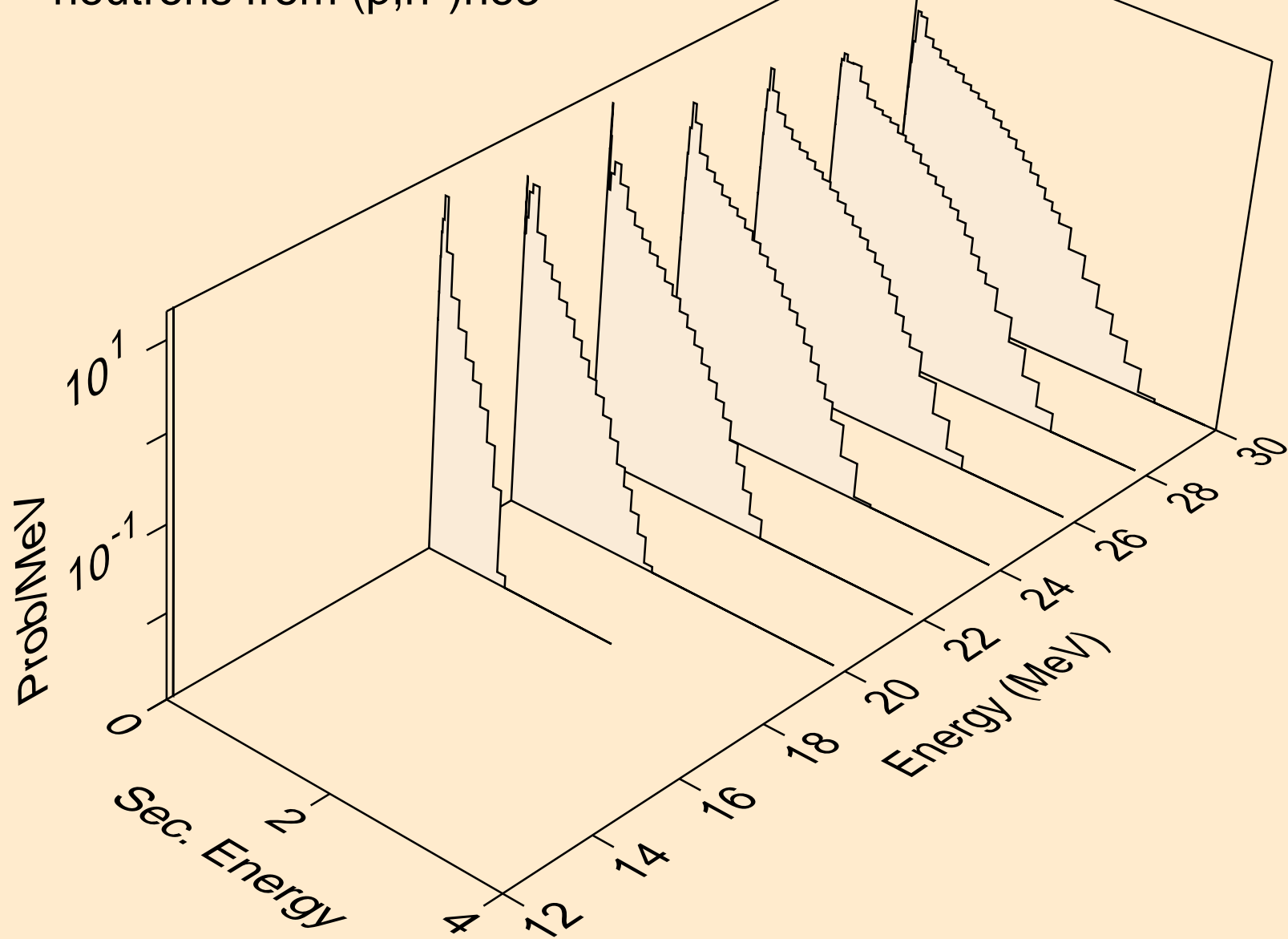


PM159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)t

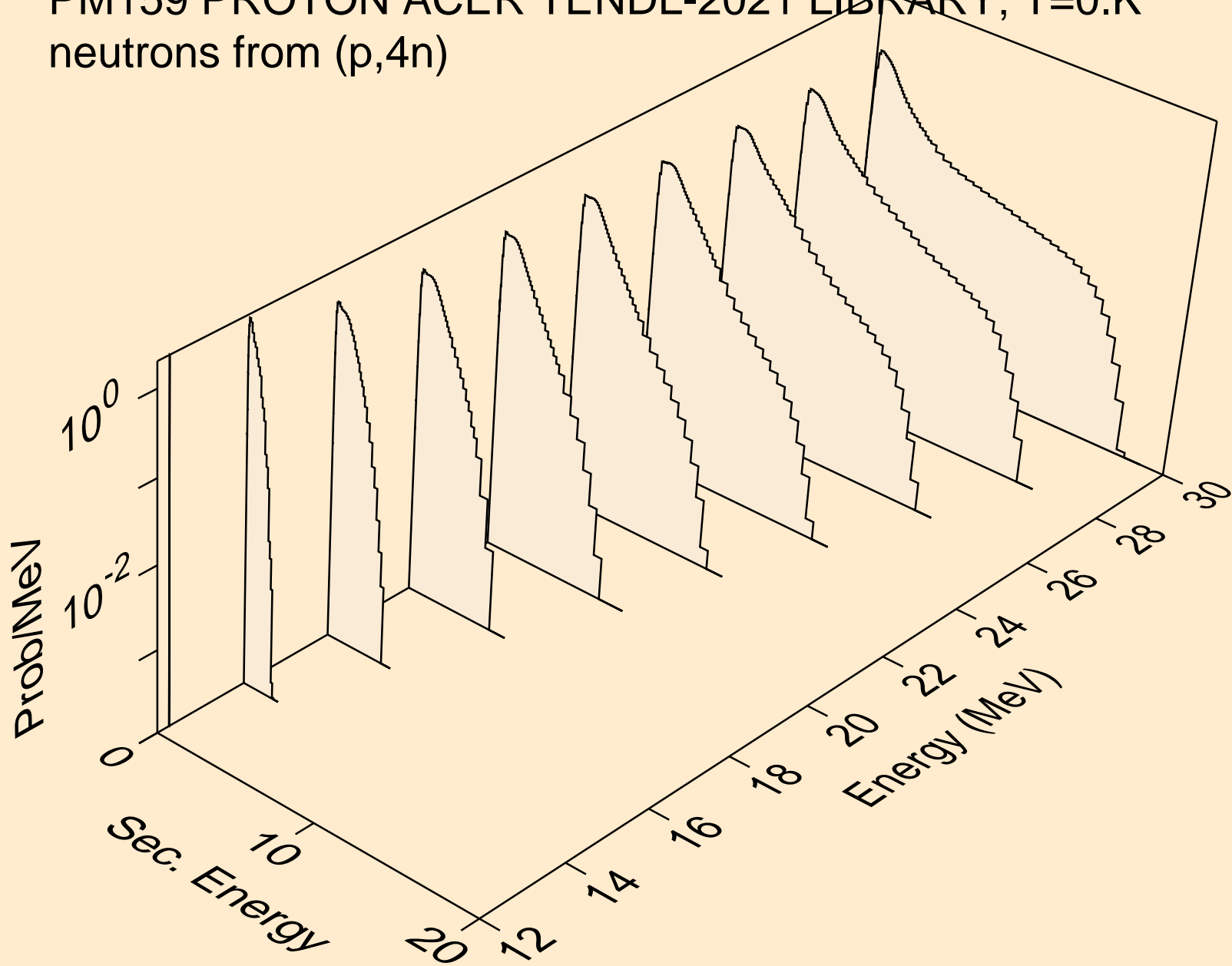




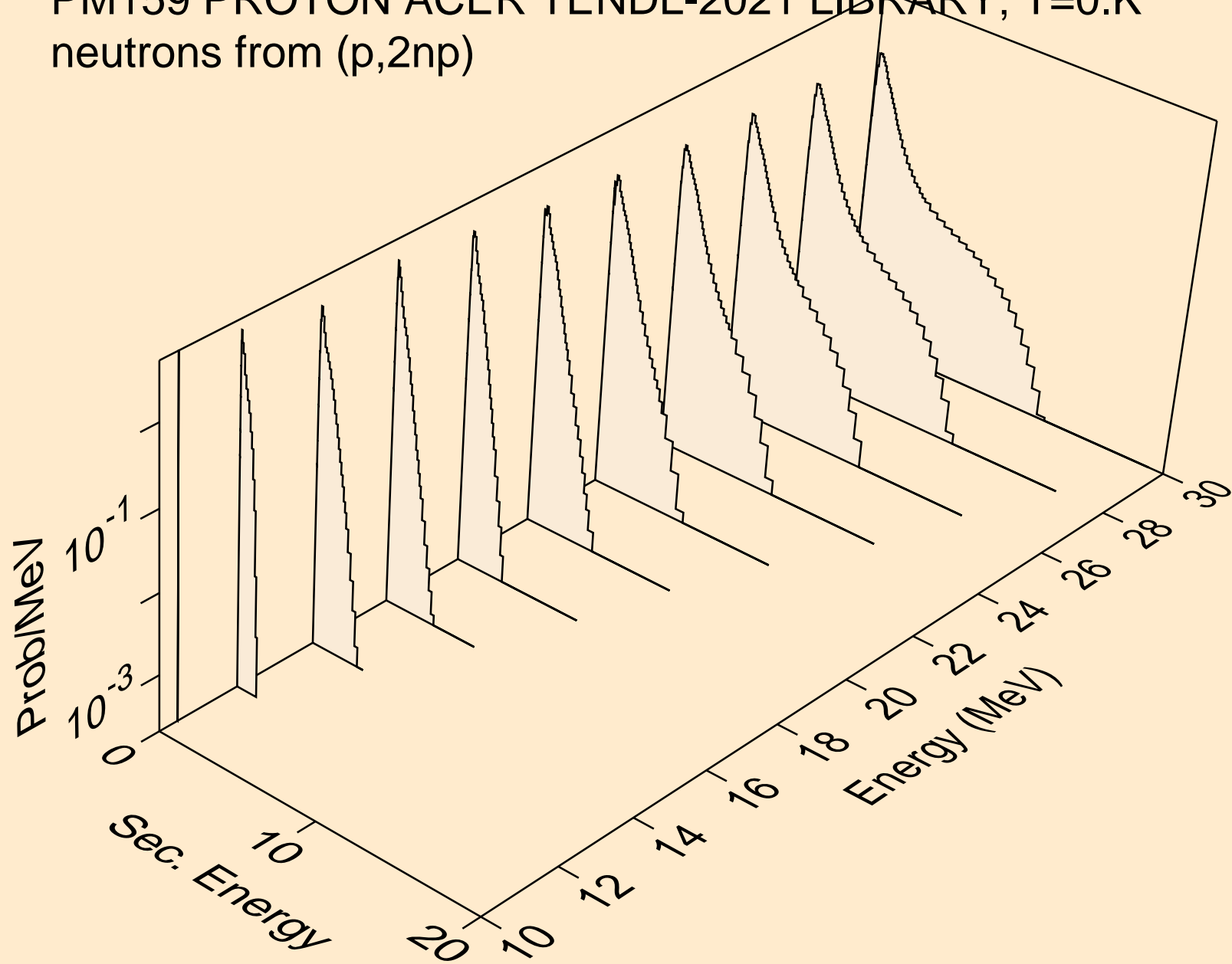
PM159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



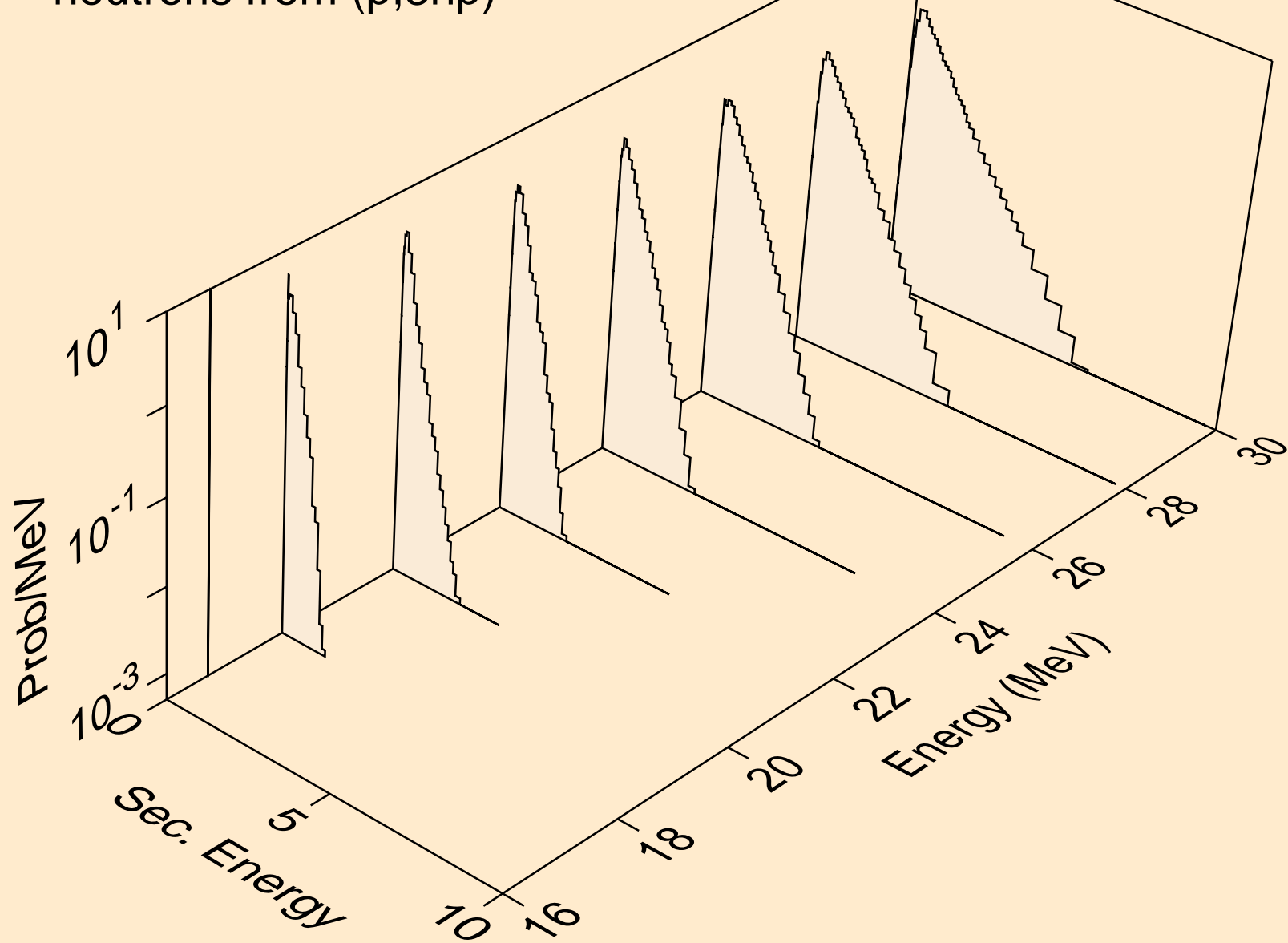
PM159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,4n)



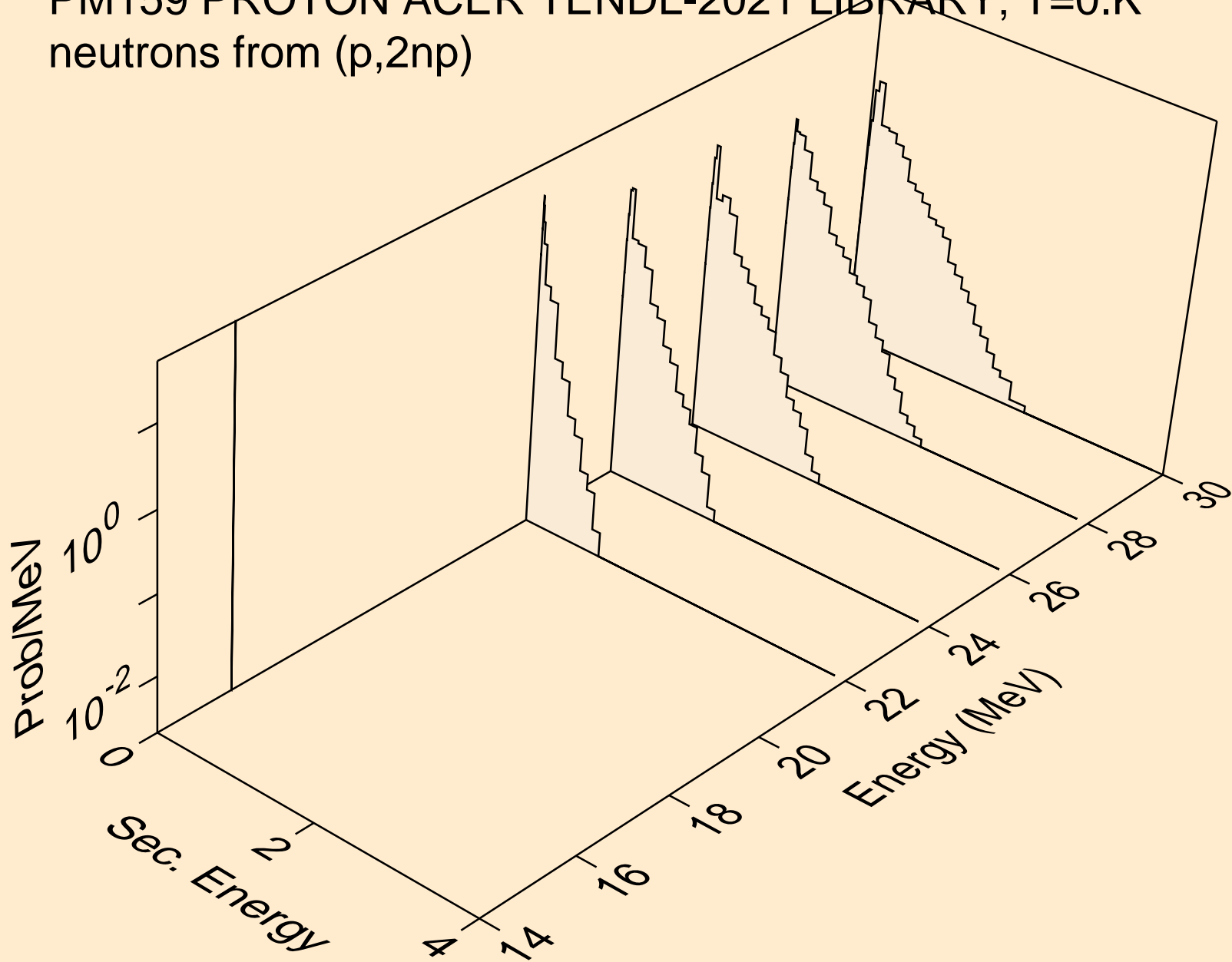
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neutrons from (p,2np)



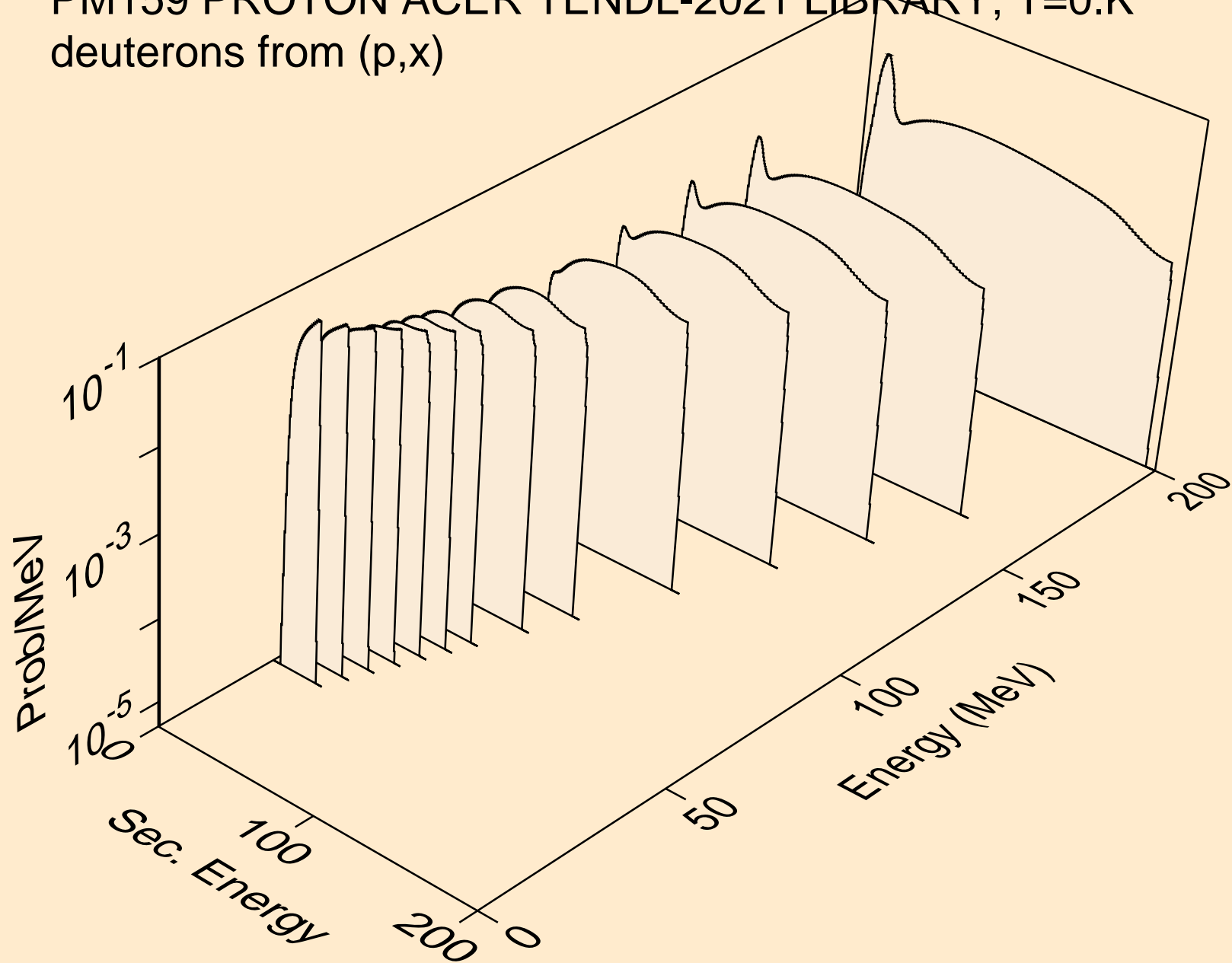
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neutrons from (p,3np)



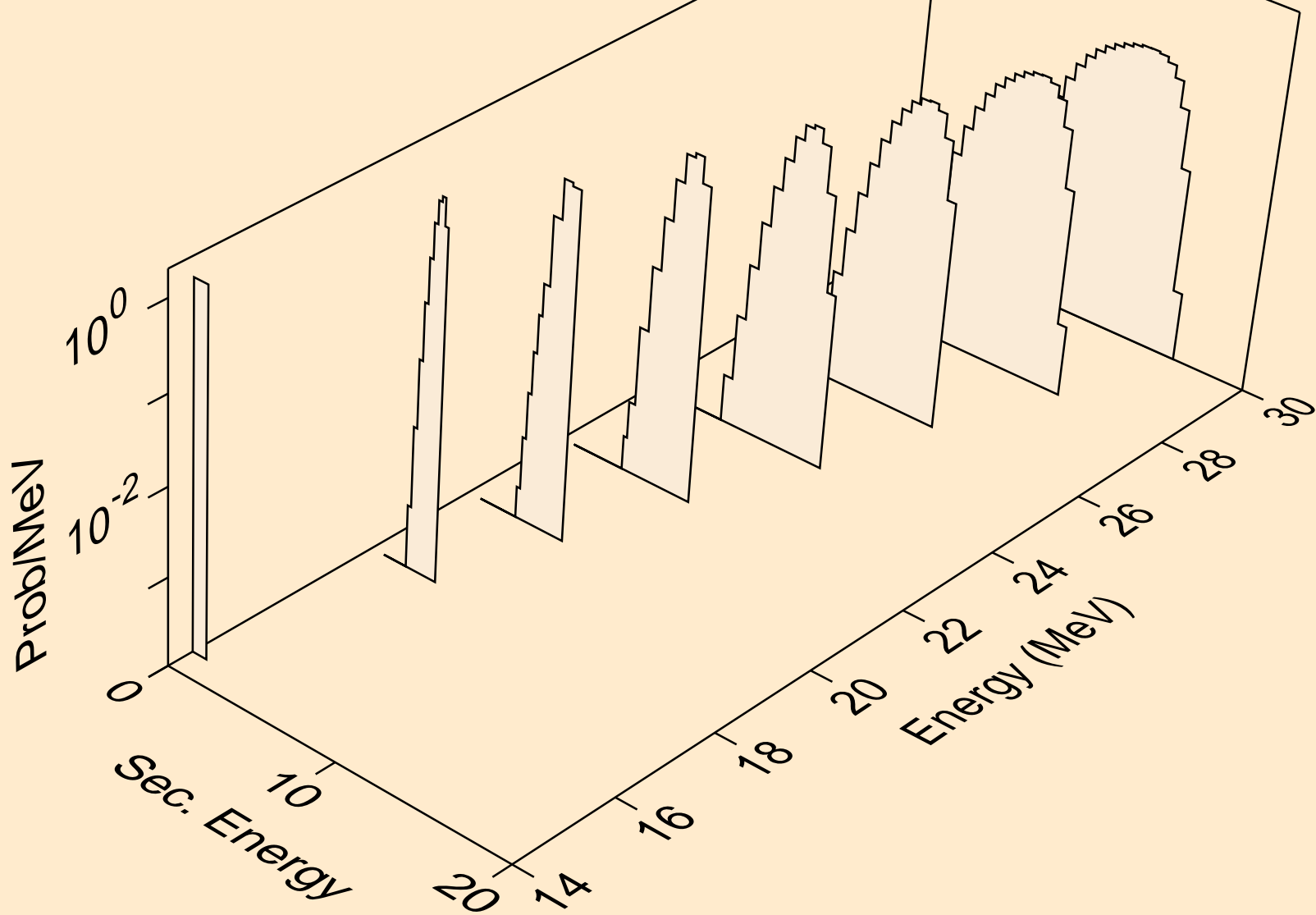
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neutrons from (p,2np)



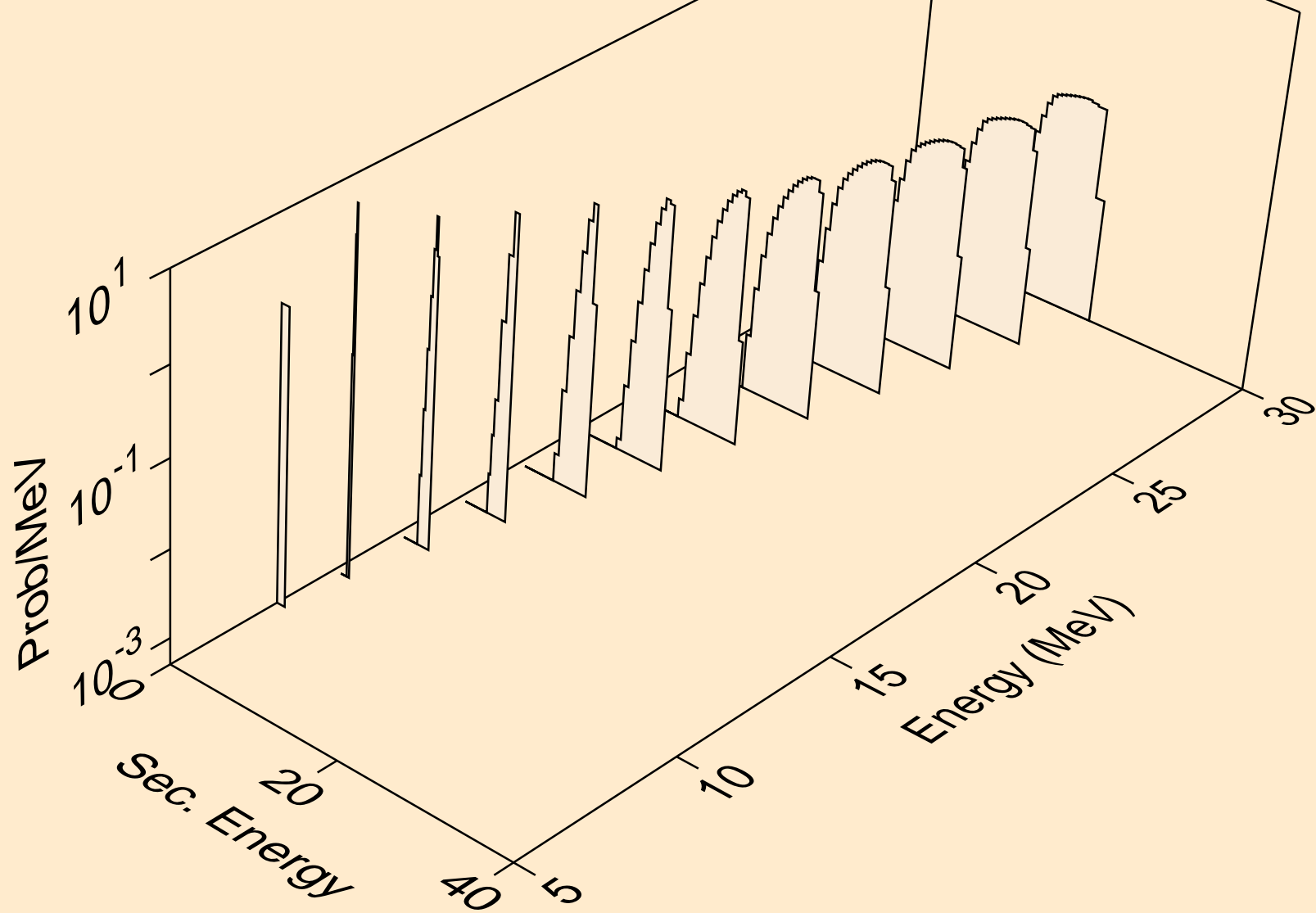
PM159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,x)



PM159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,2nd)

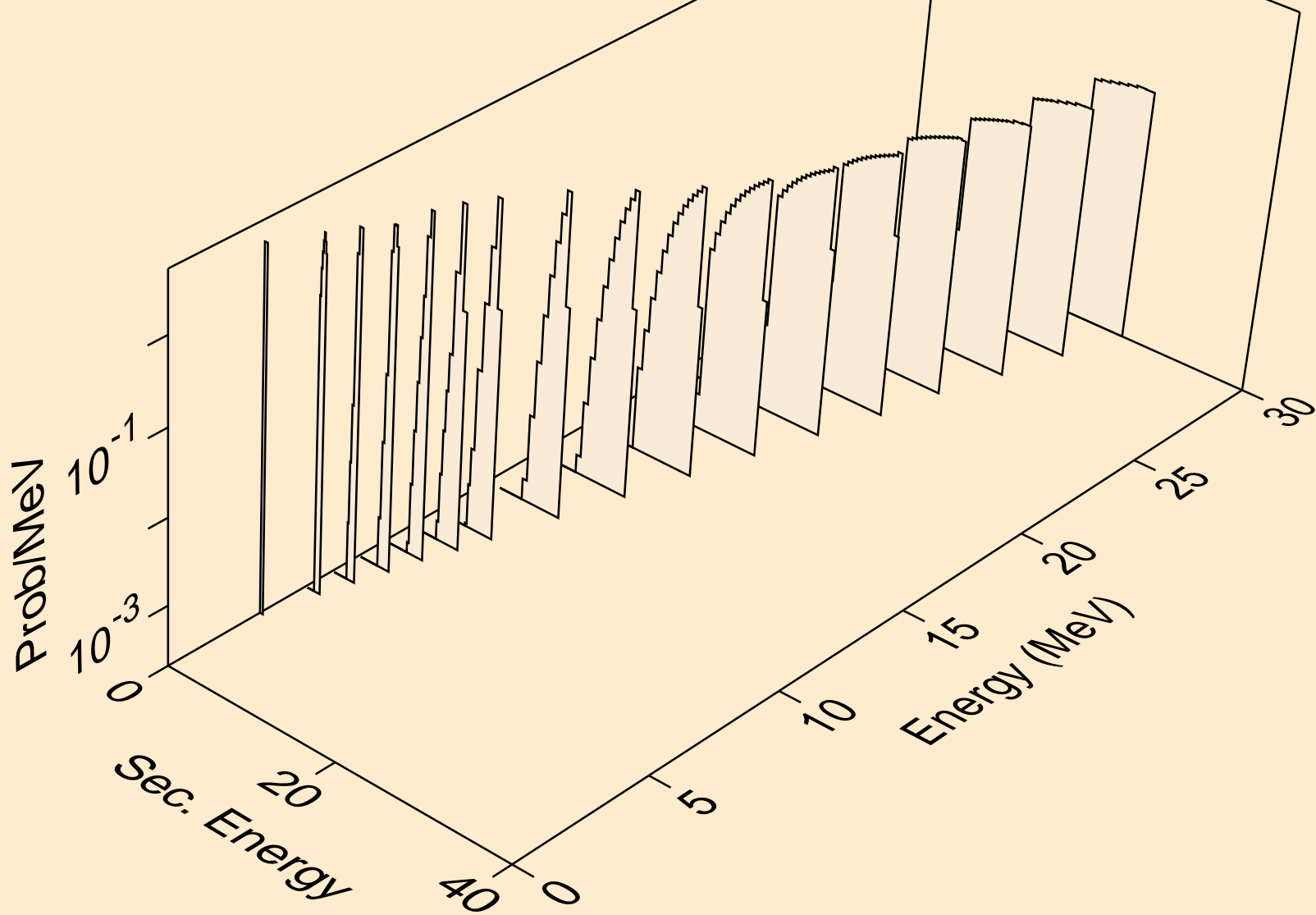


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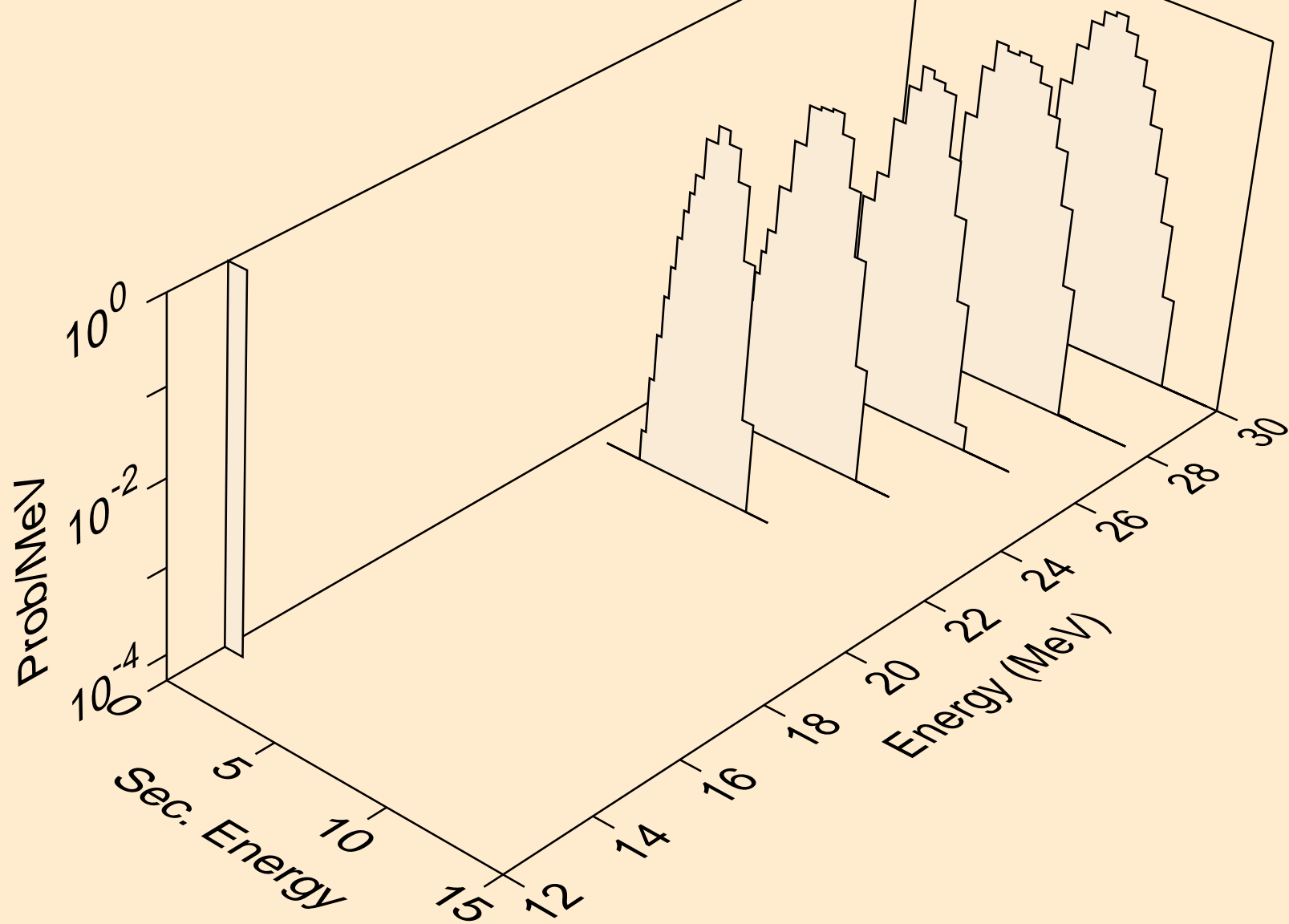




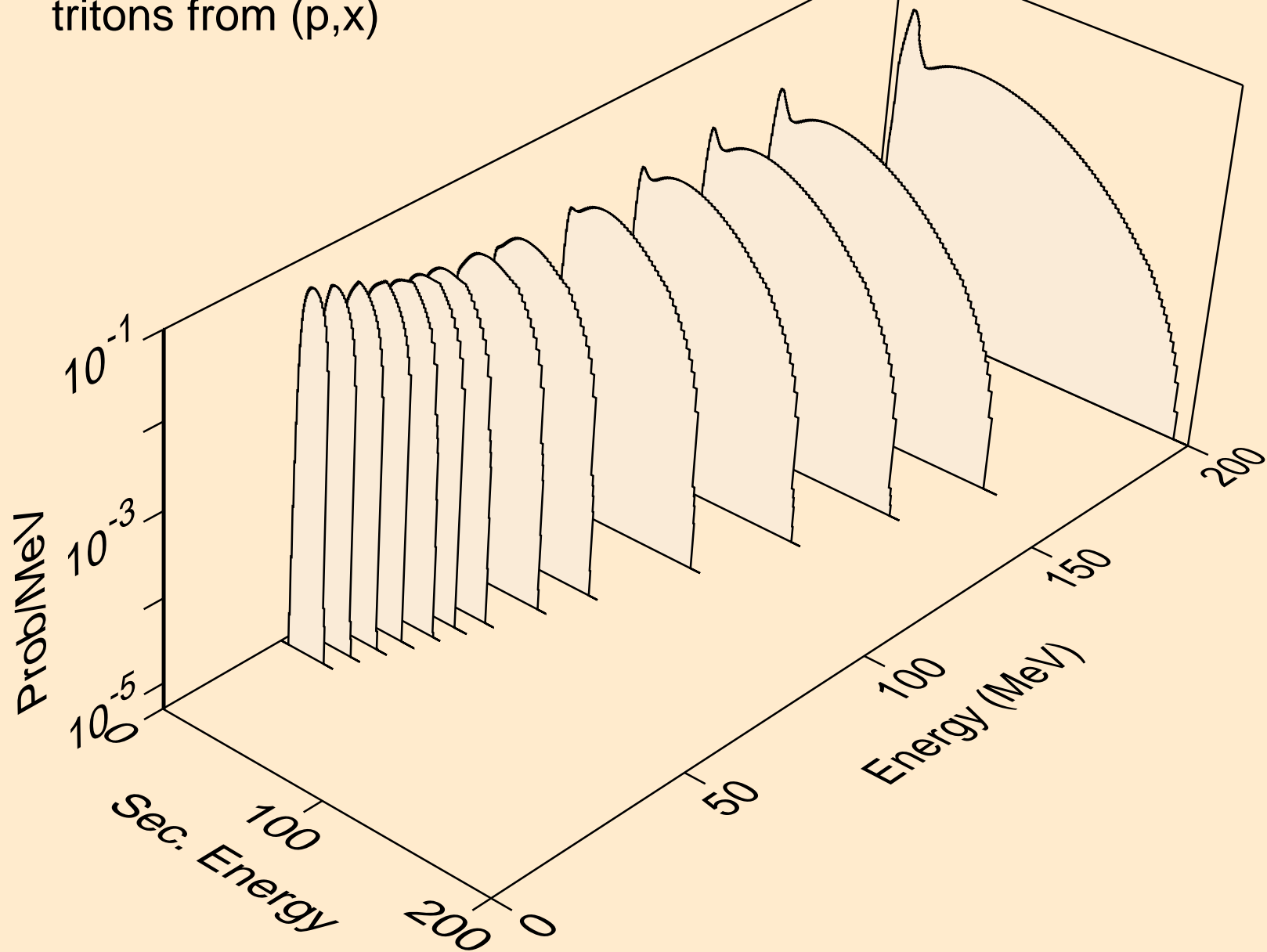
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deuterons from (p,d)



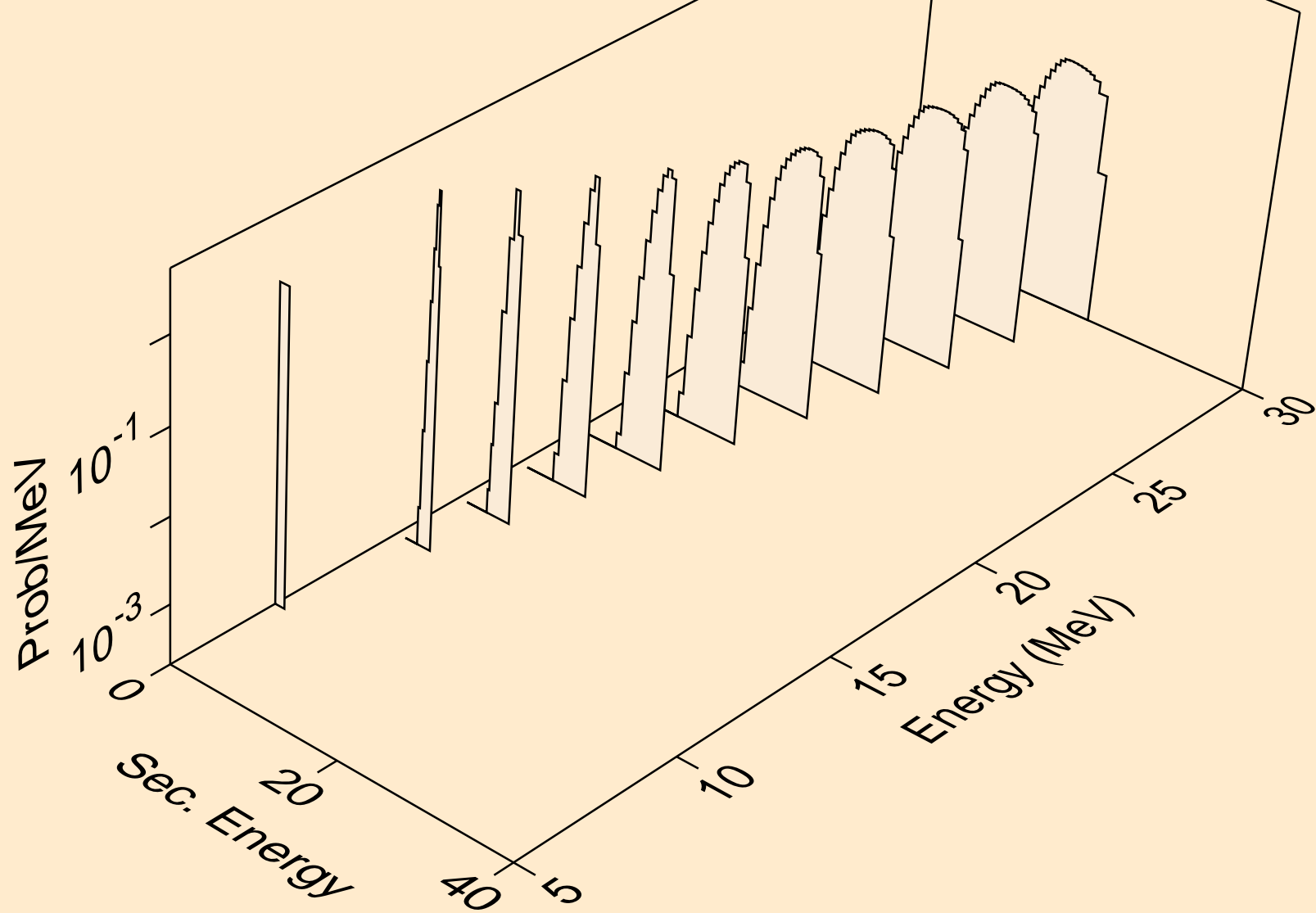
PM159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,pd)



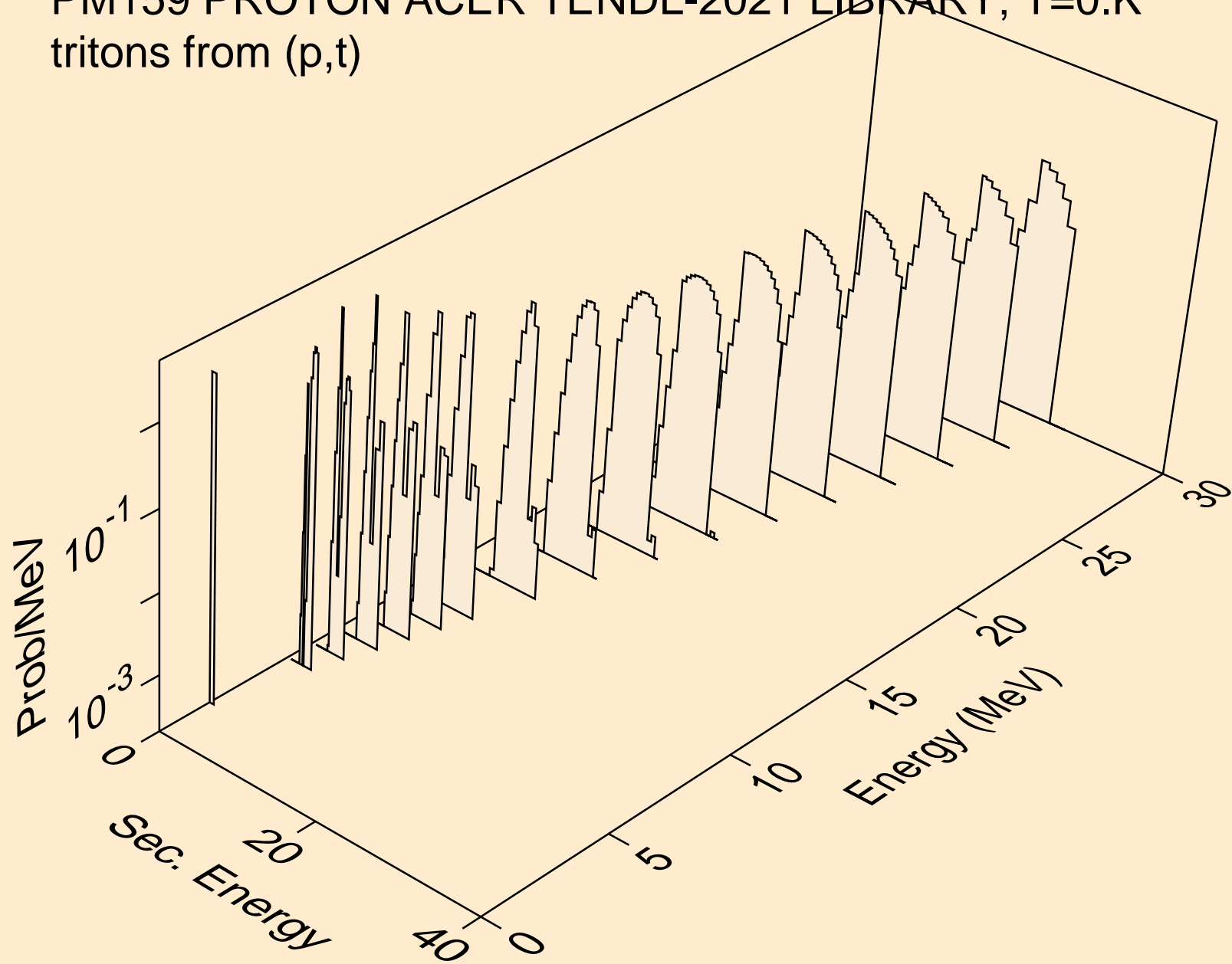
PM159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,x)



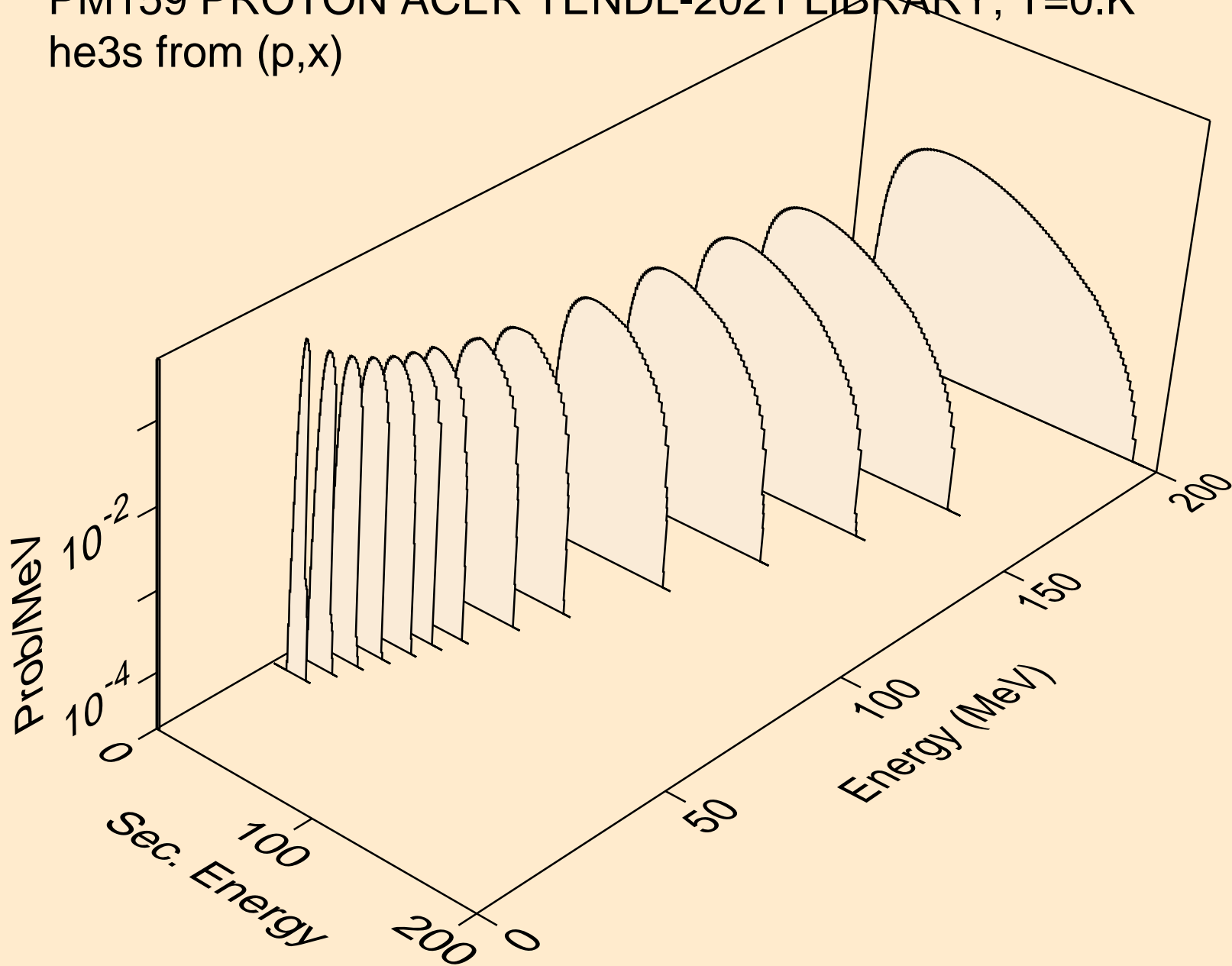
PM159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,n\*)t



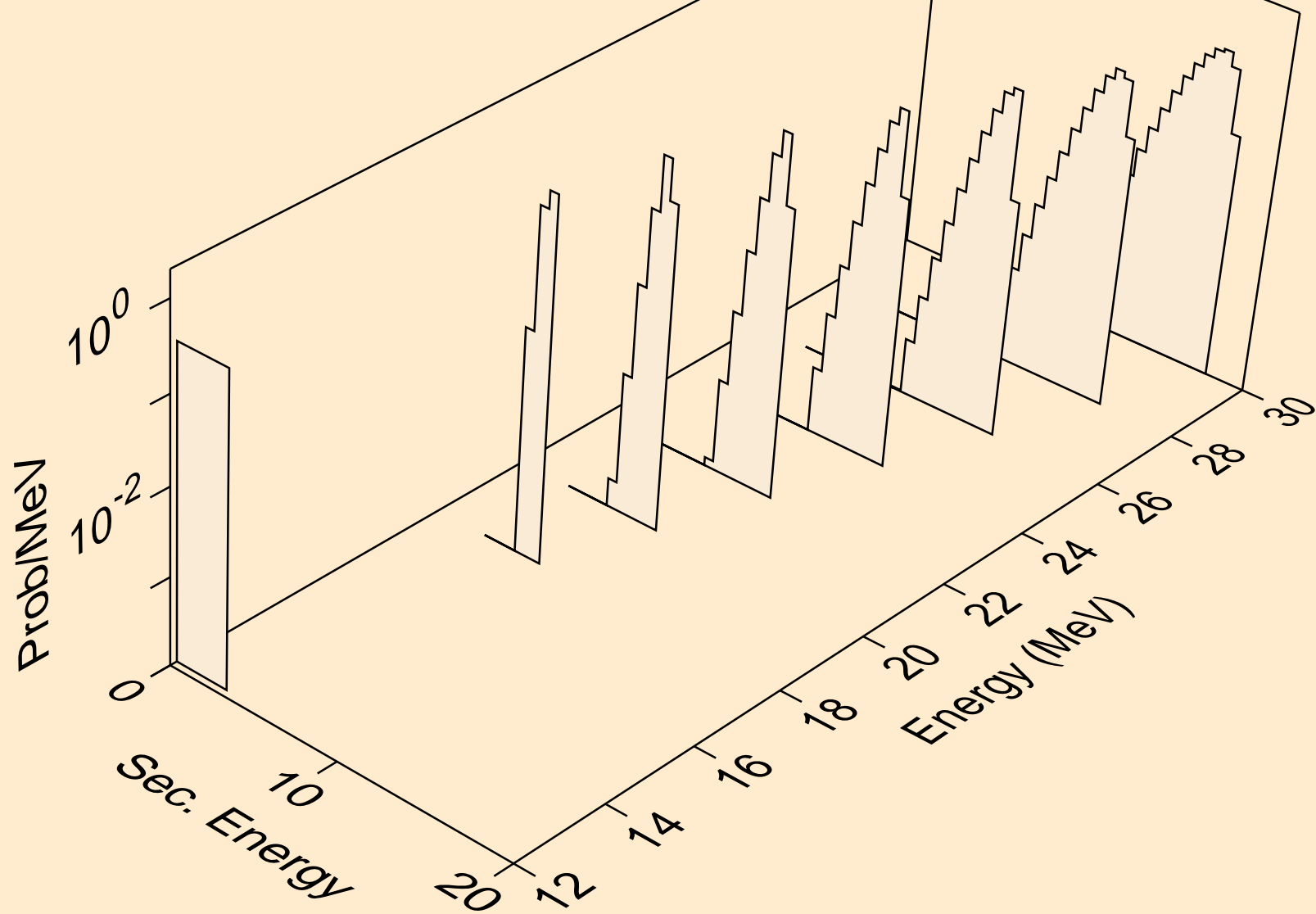
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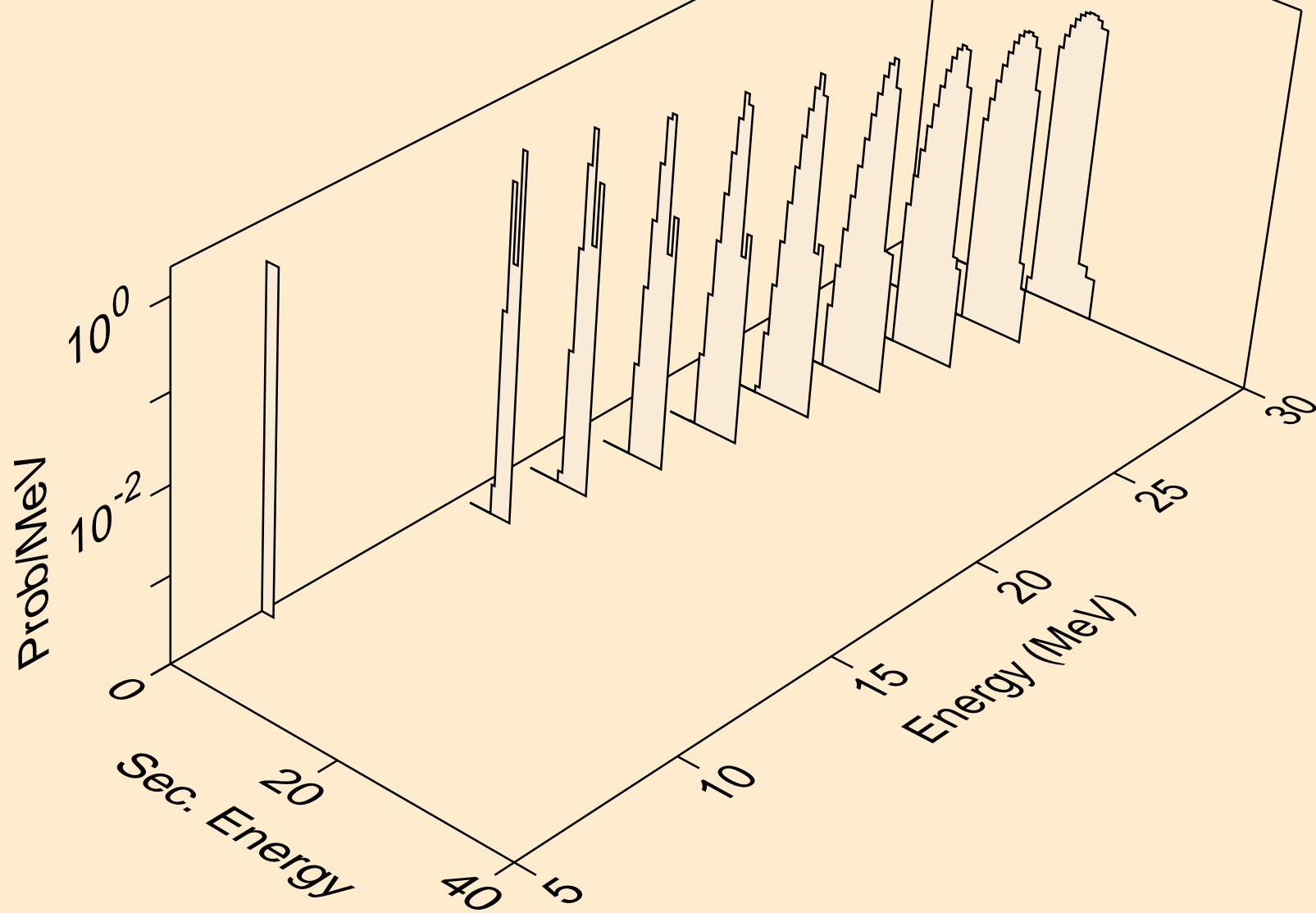
PM159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,x)



PM159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,n\*)he3

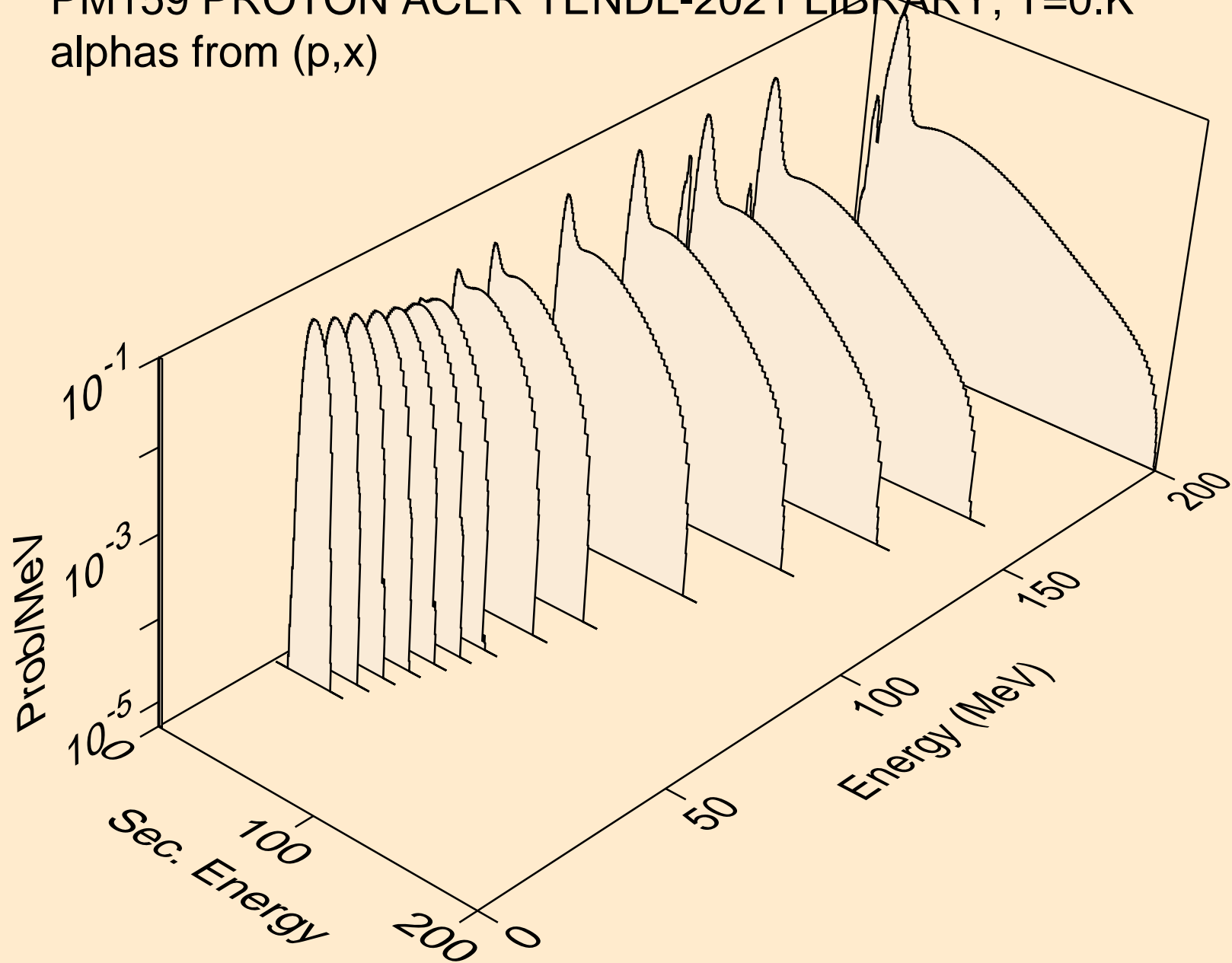


PM159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,he3)

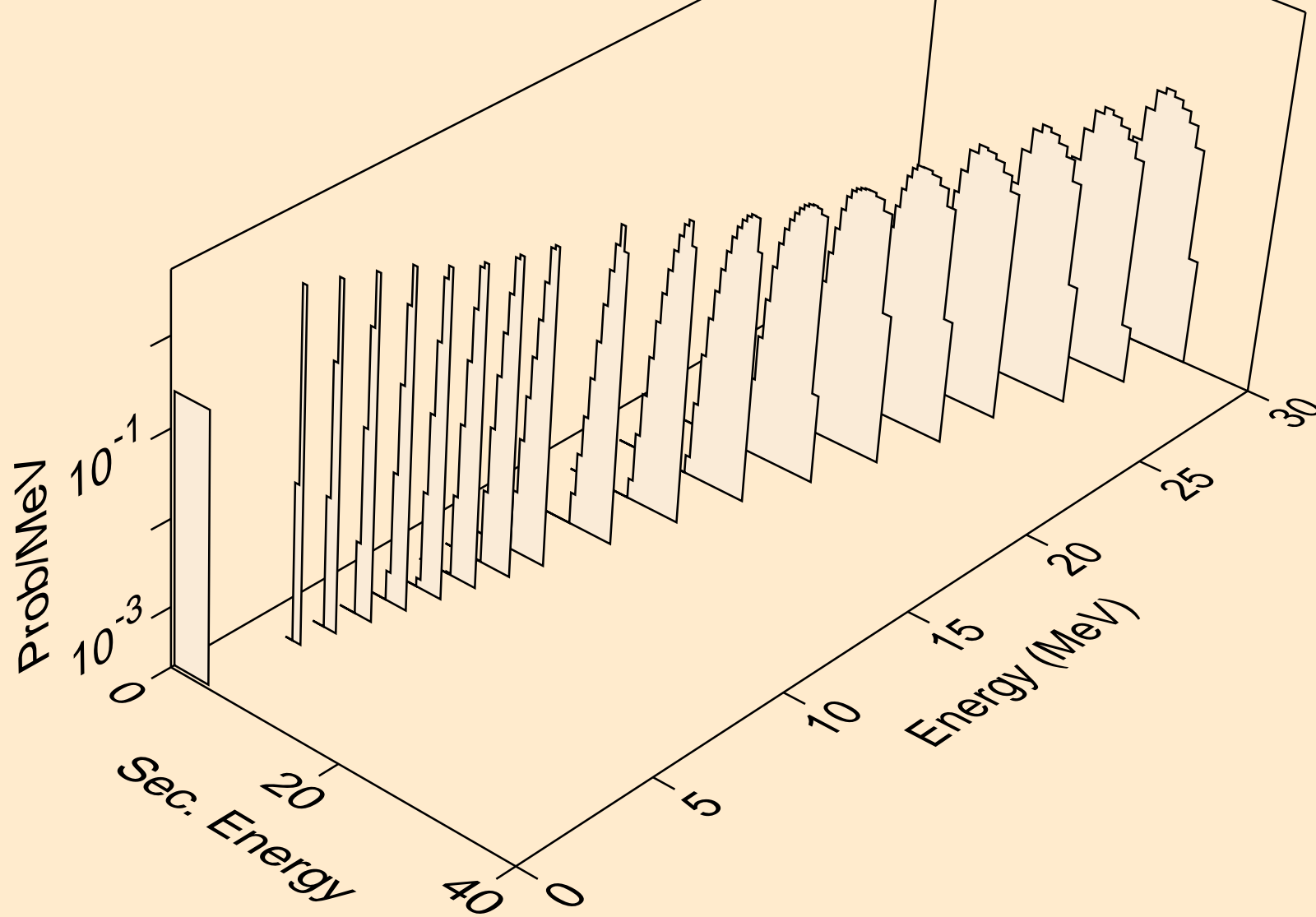




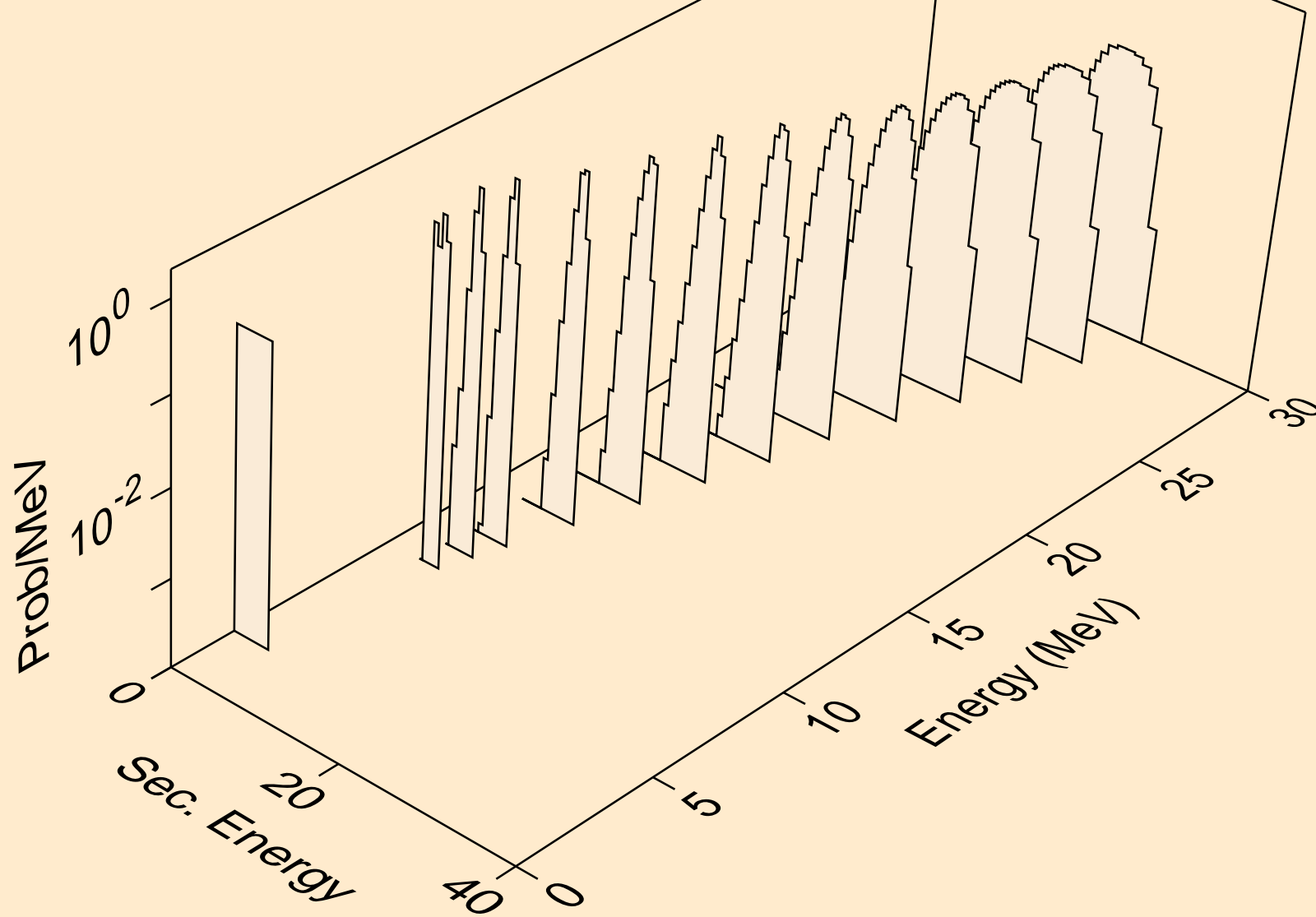
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alphas from (p,x)



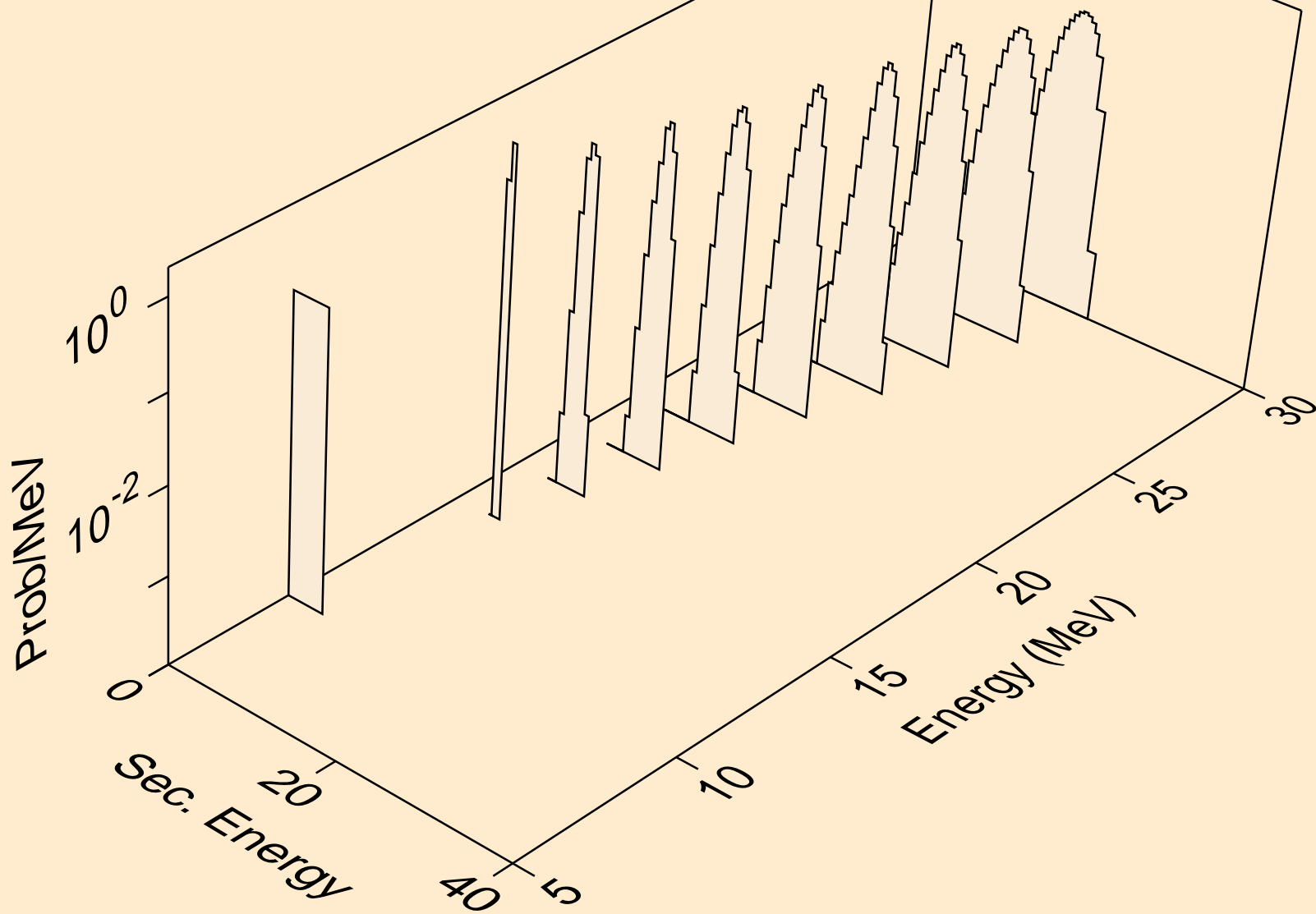
PM159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,n\*)a



PM159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,2n)a



PM159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,3n)a



PM159 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,a)

