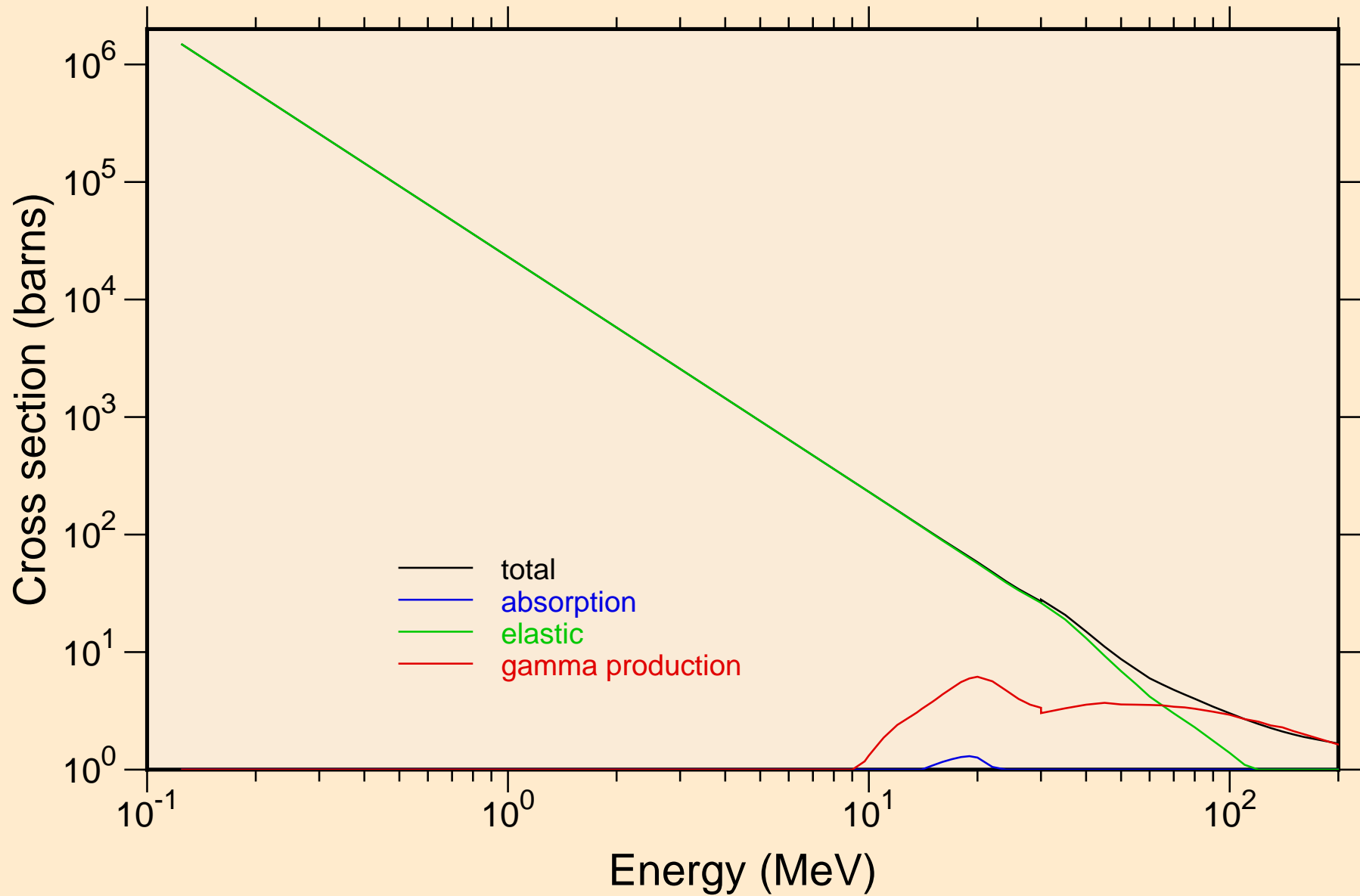


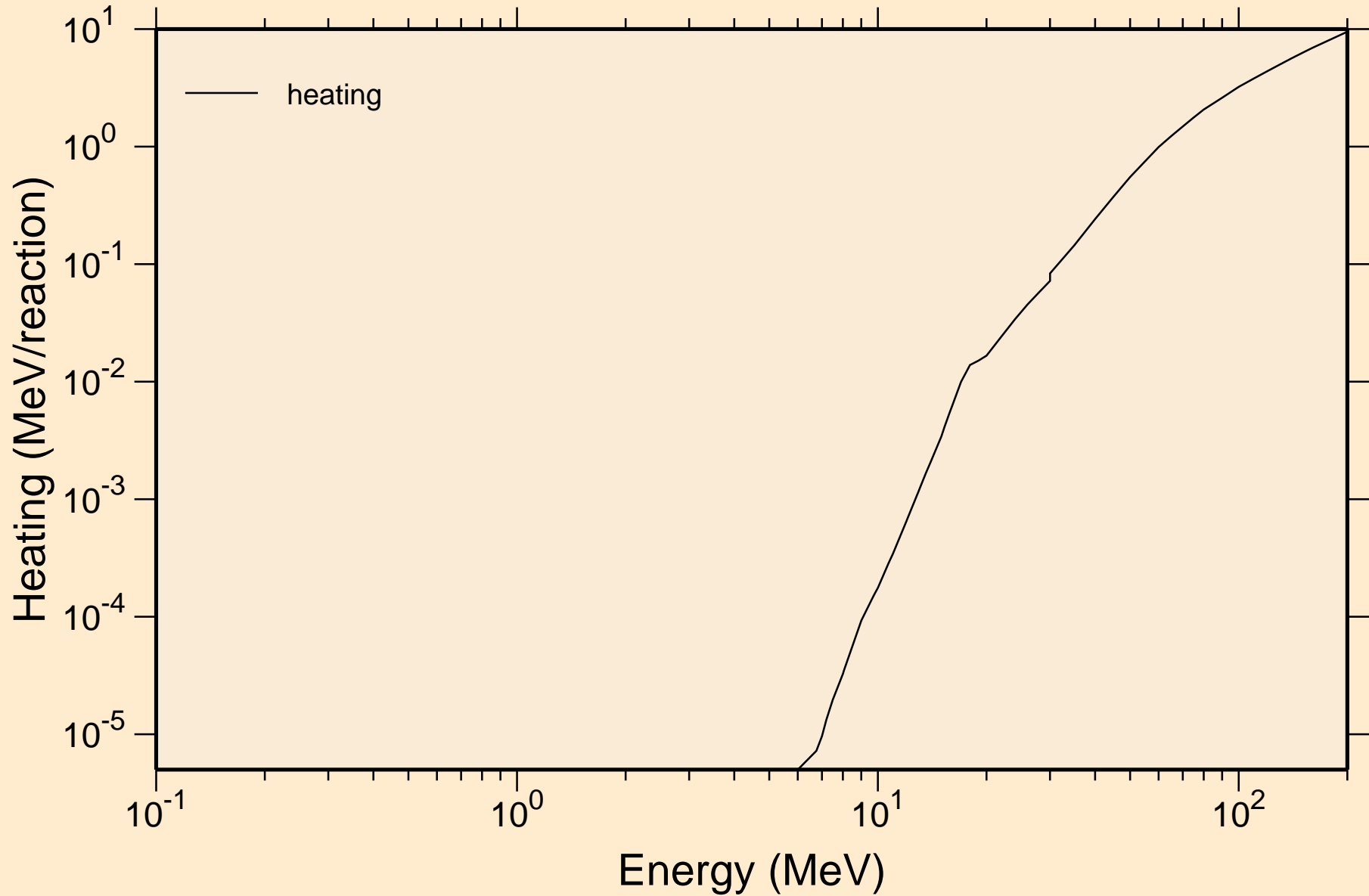
# PM161 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



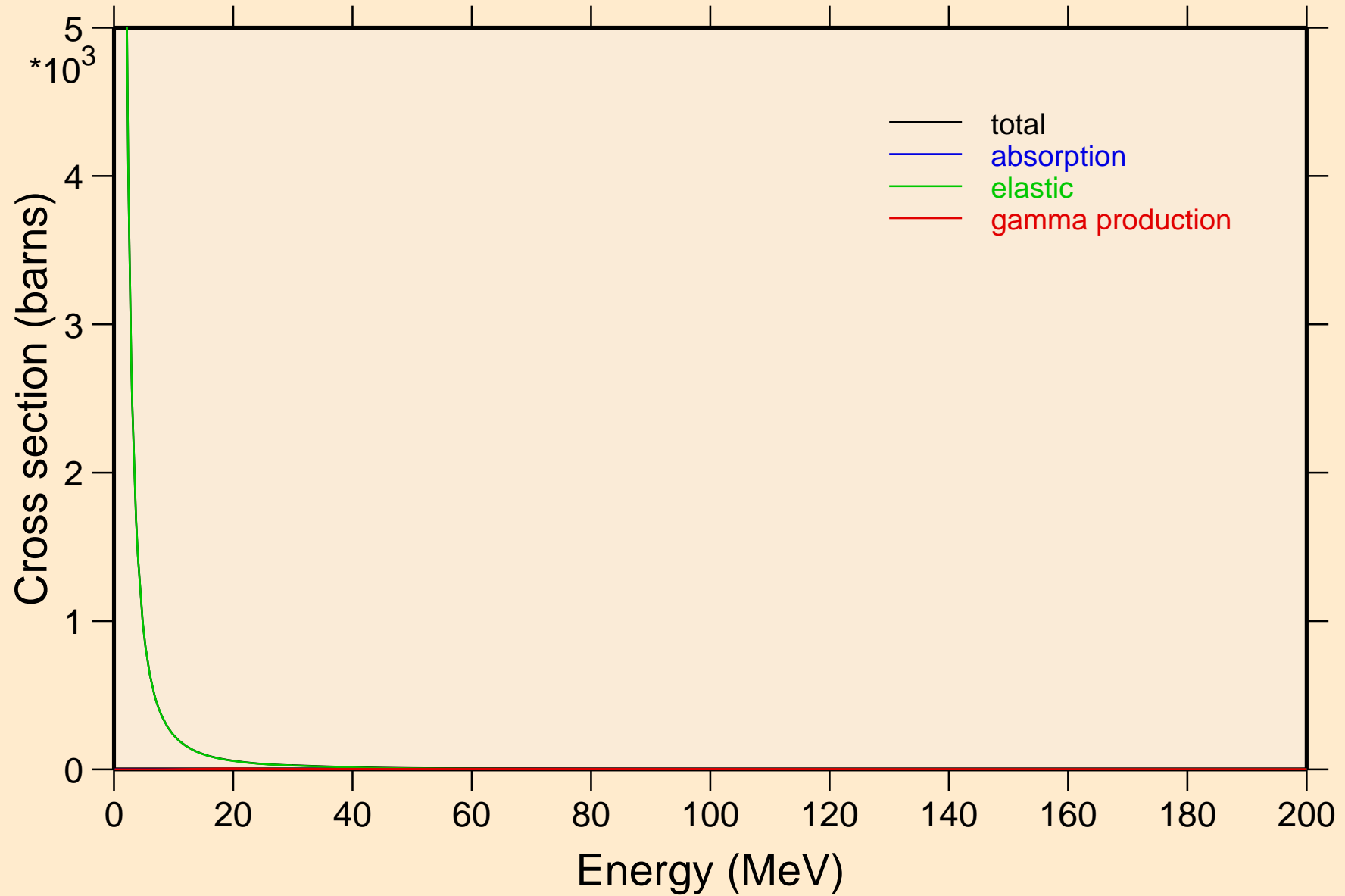
# PM161 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



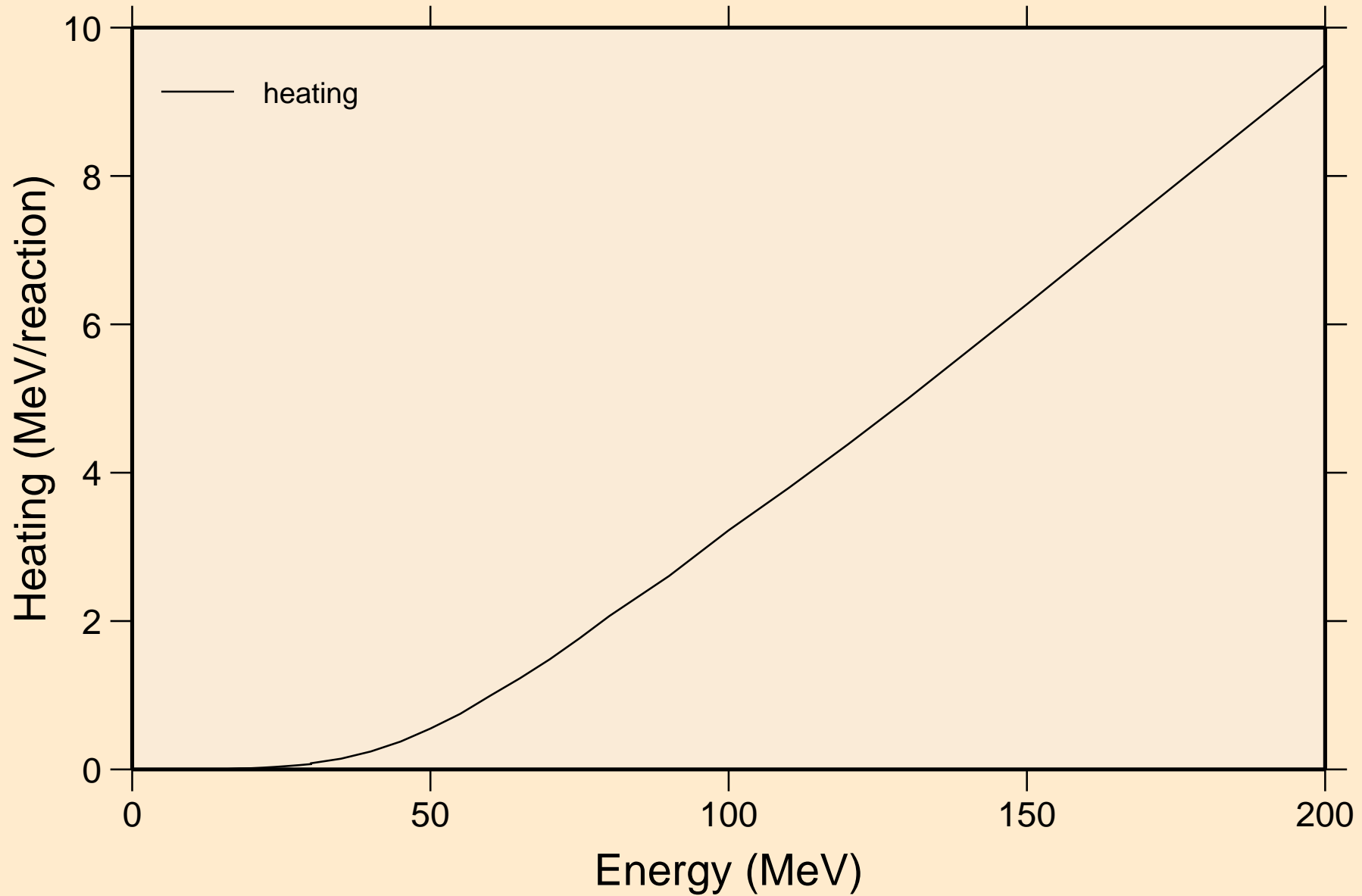
# PM161 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

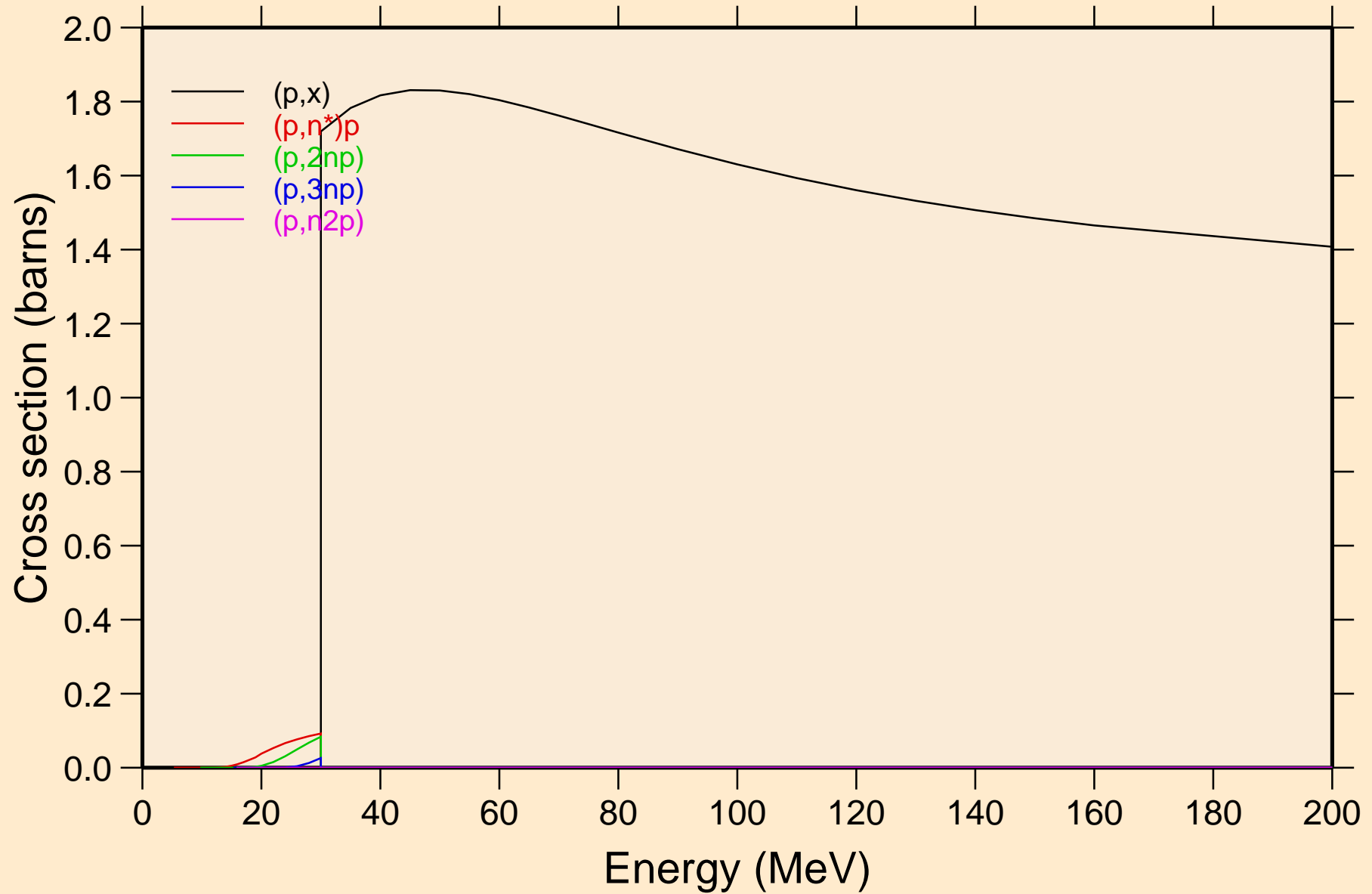


PM161 PROTON ACER TENDL-2023 LIBRARY; T=0.K

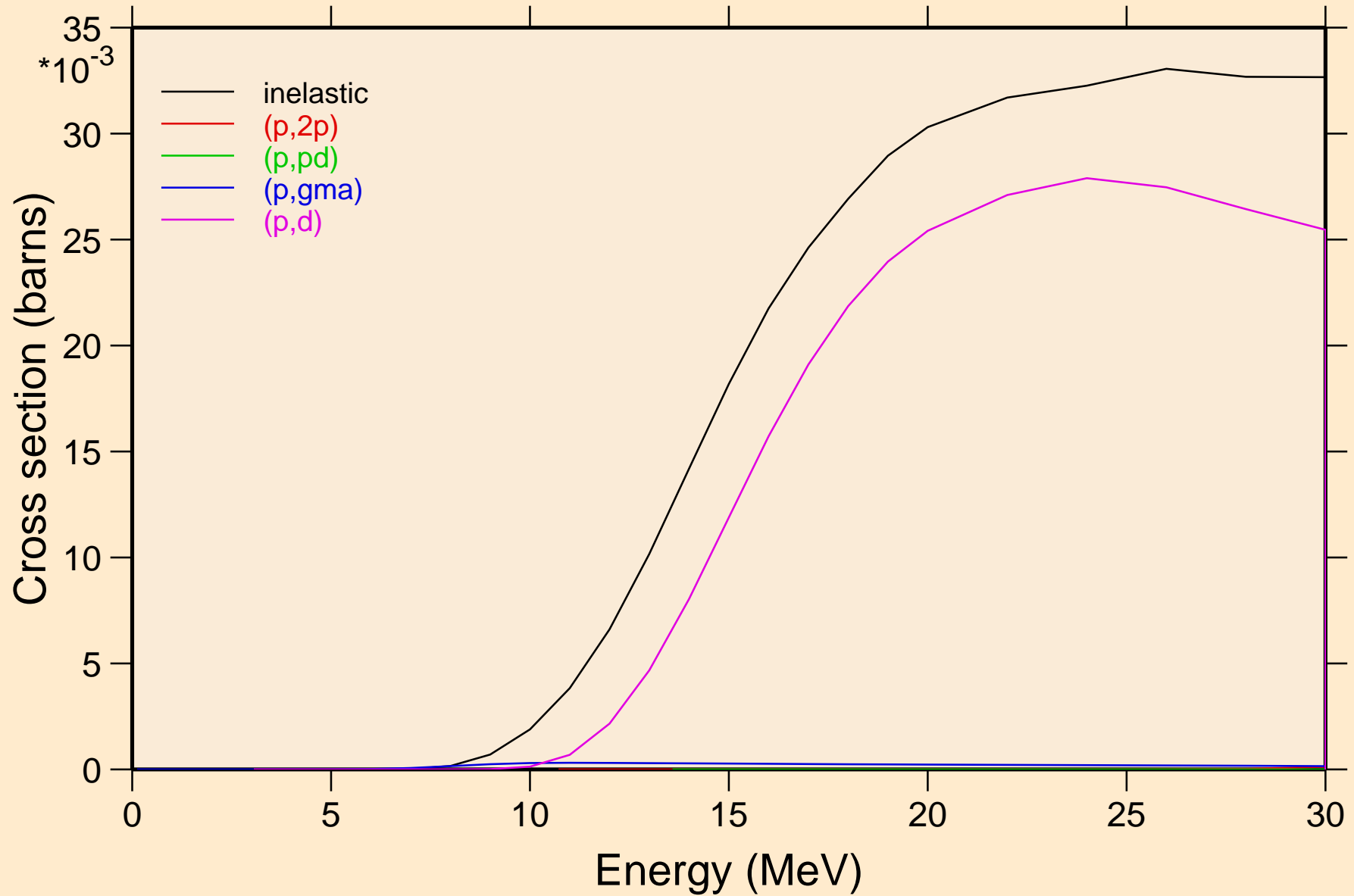
Heating



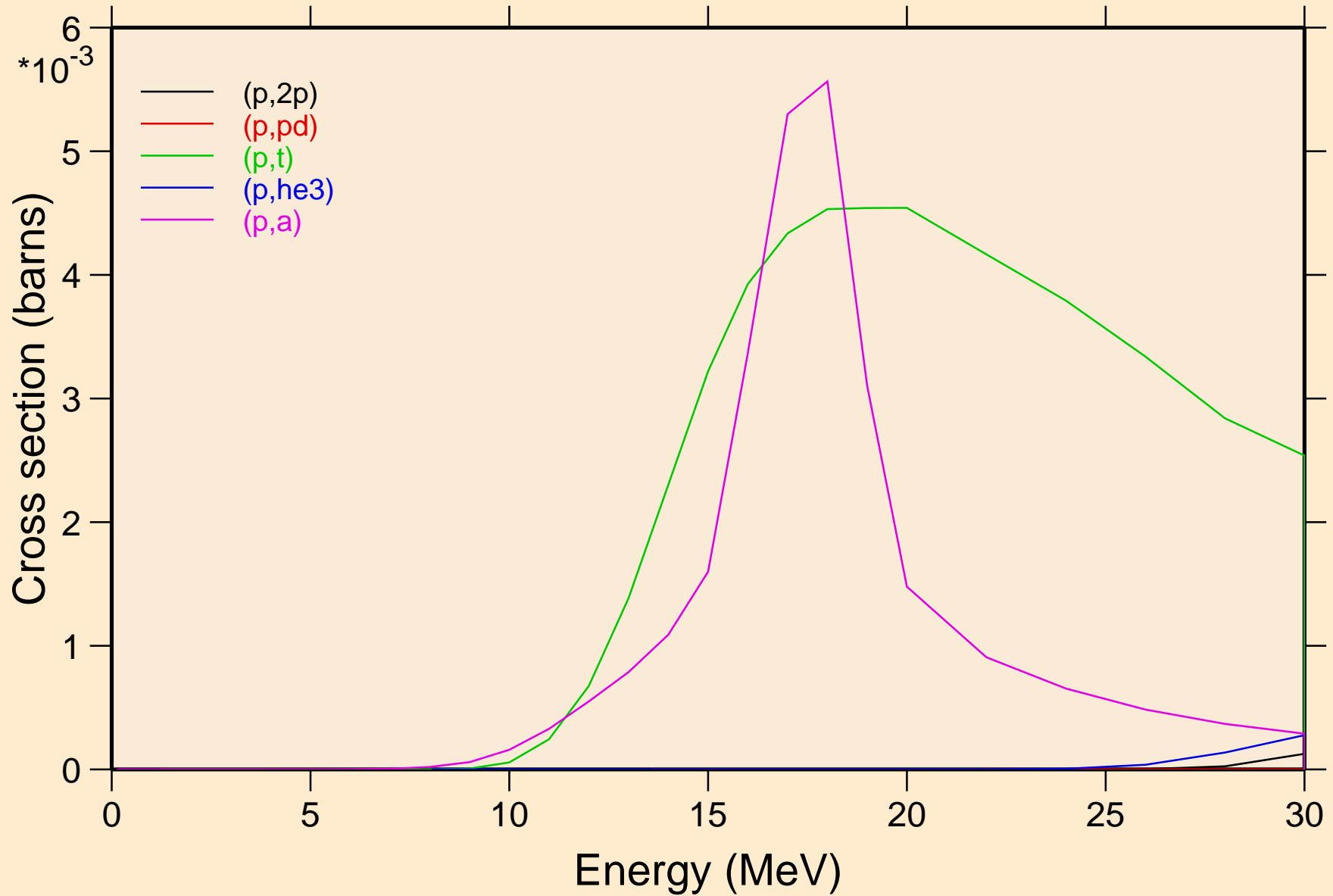
PM161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



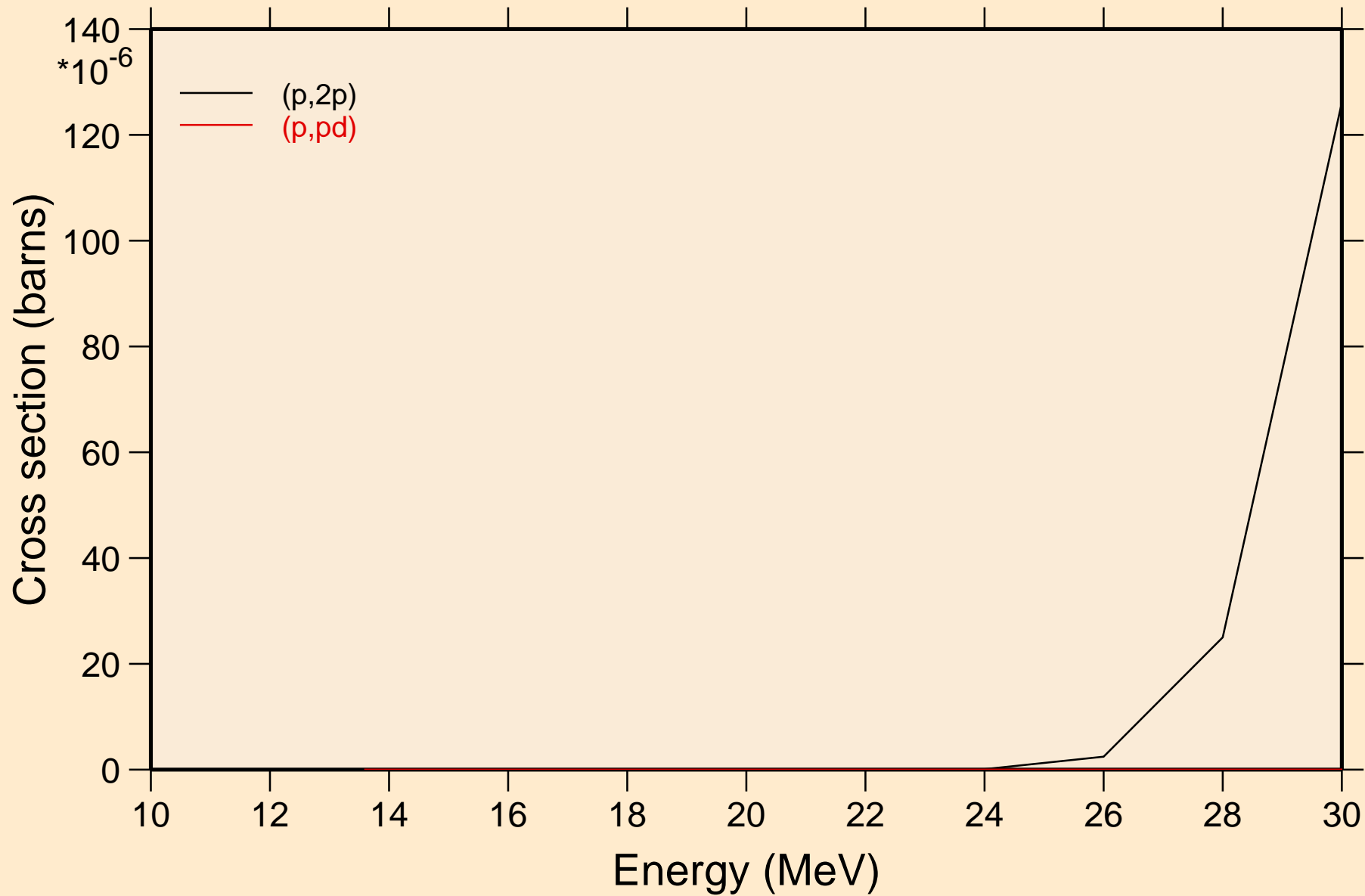
PM161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



PM161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

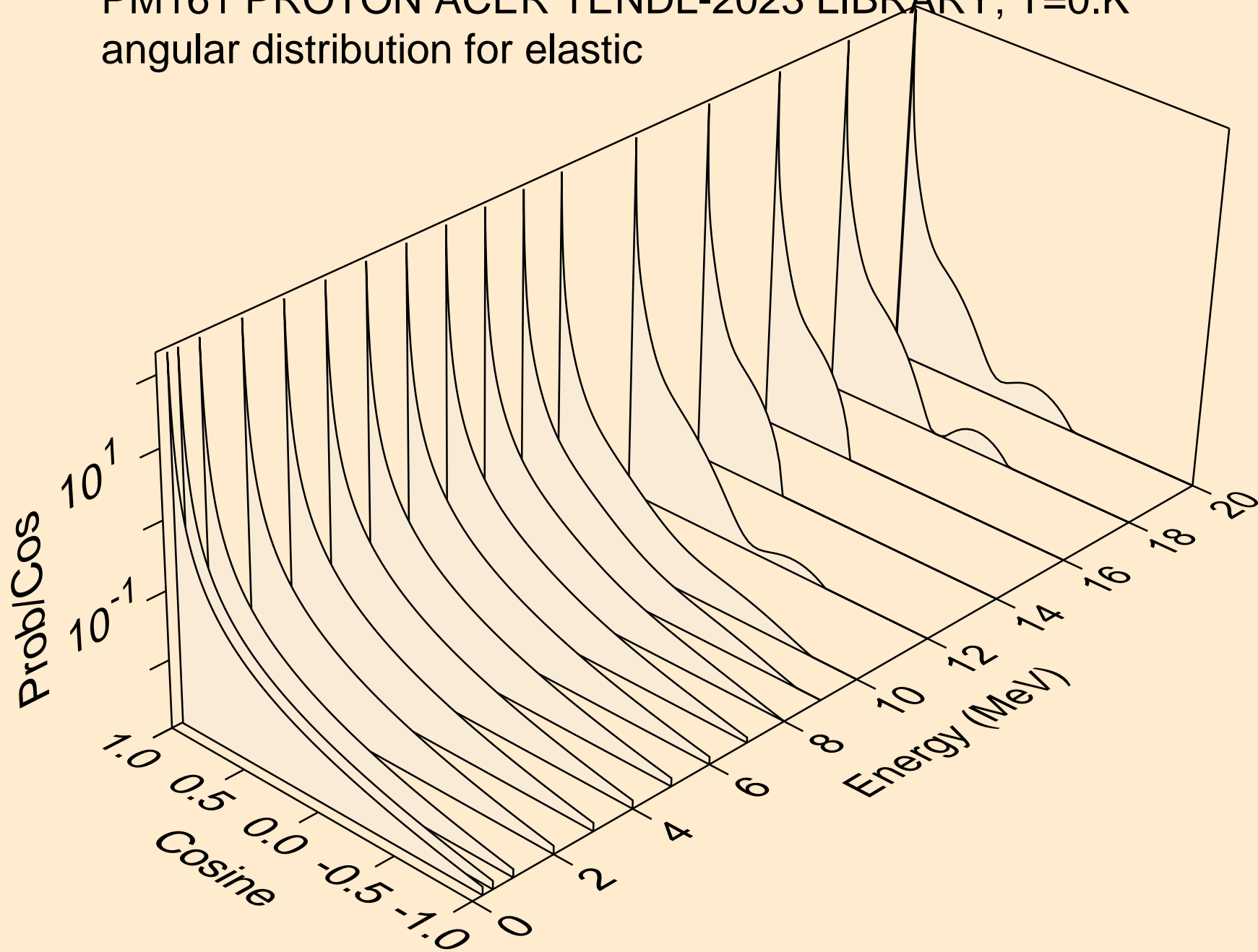


PM161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

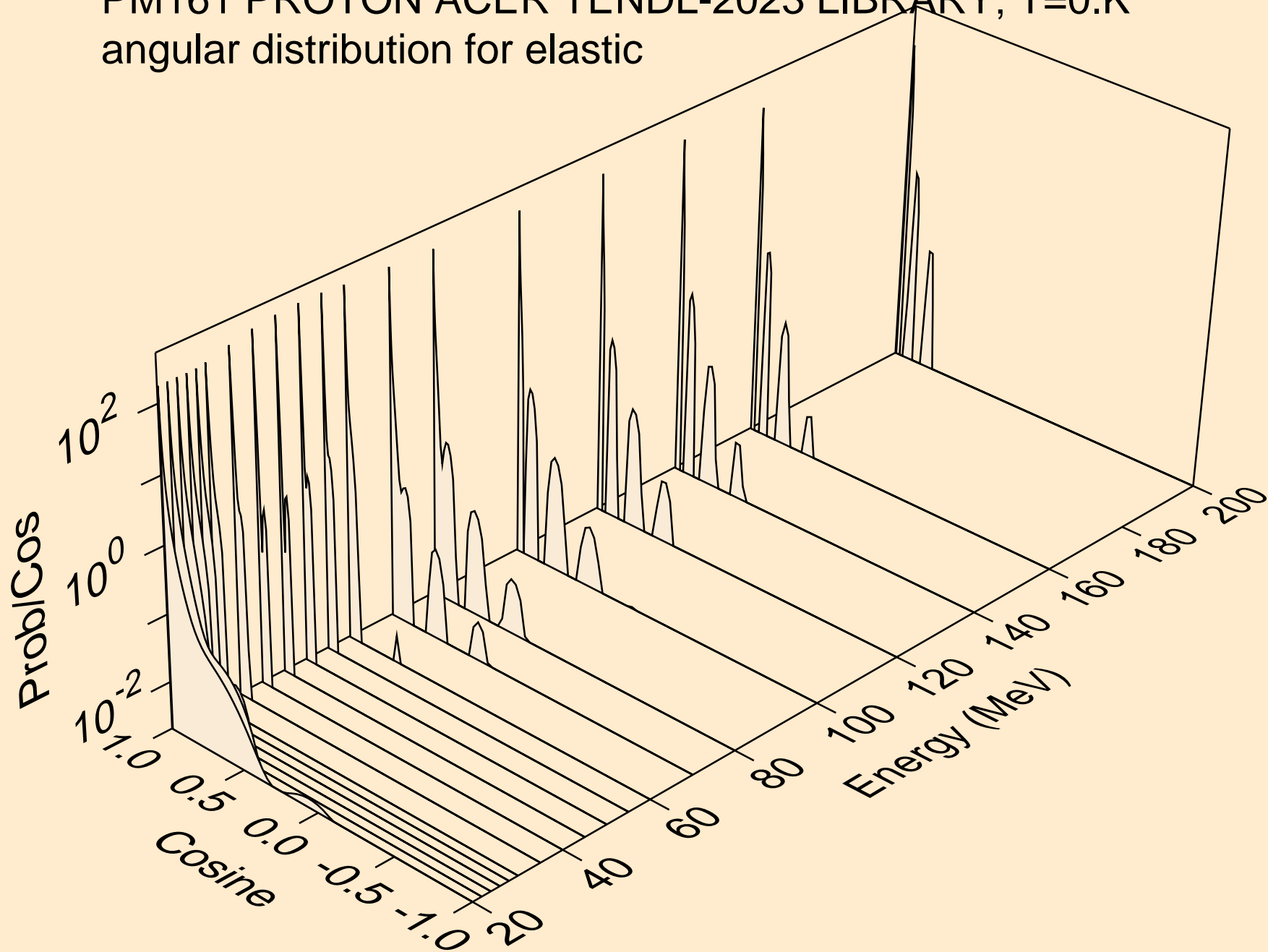




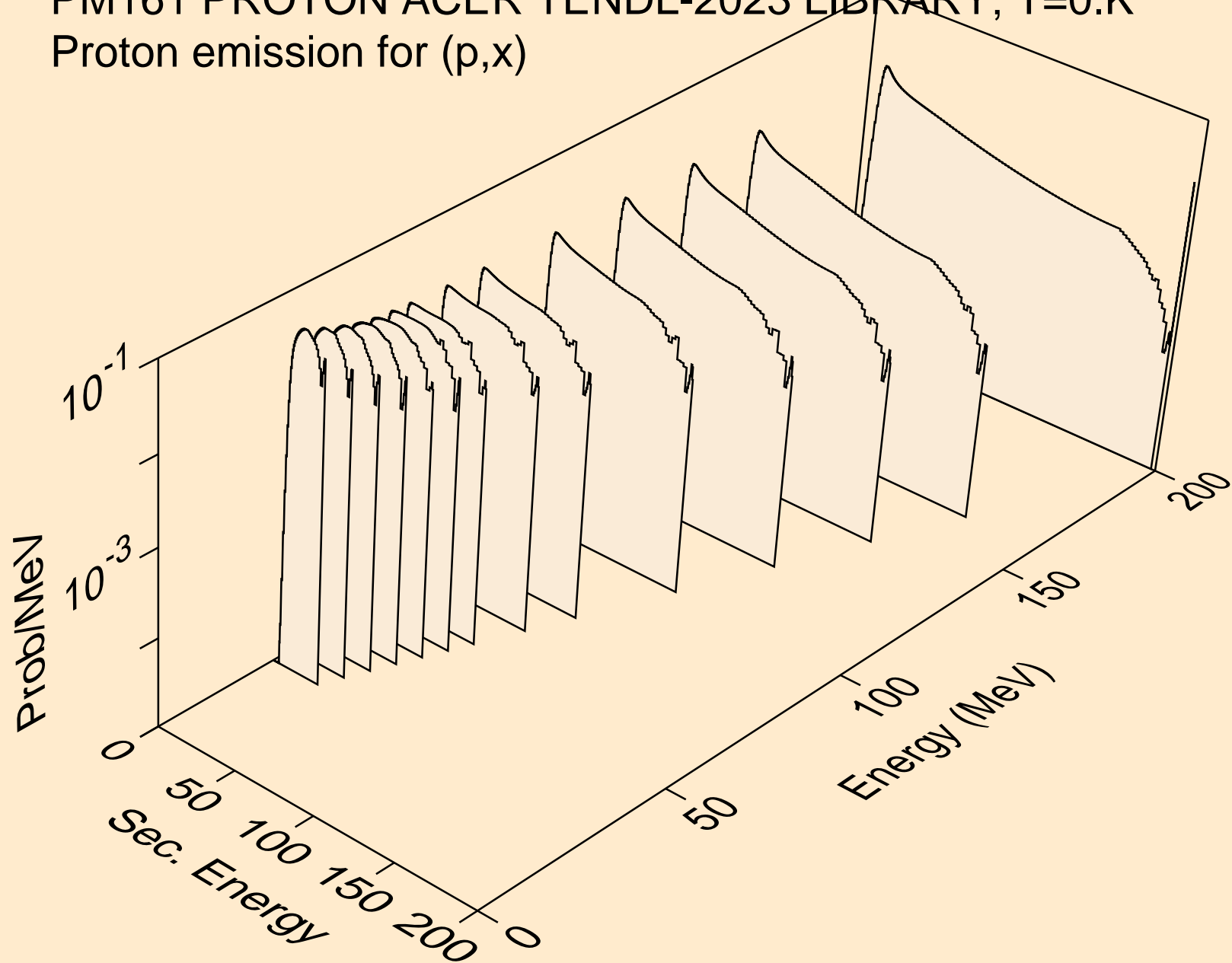
PM161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



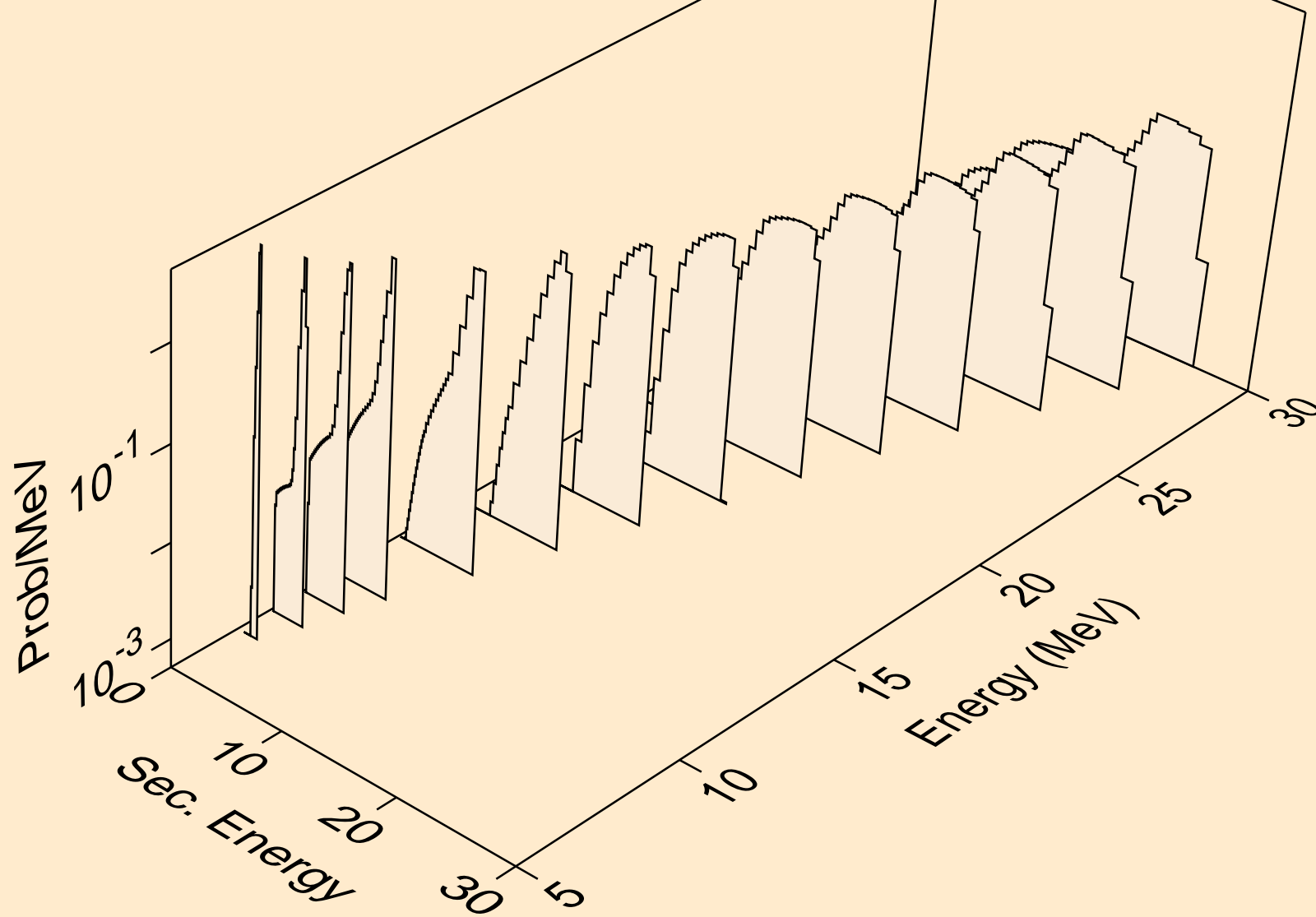
PM161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



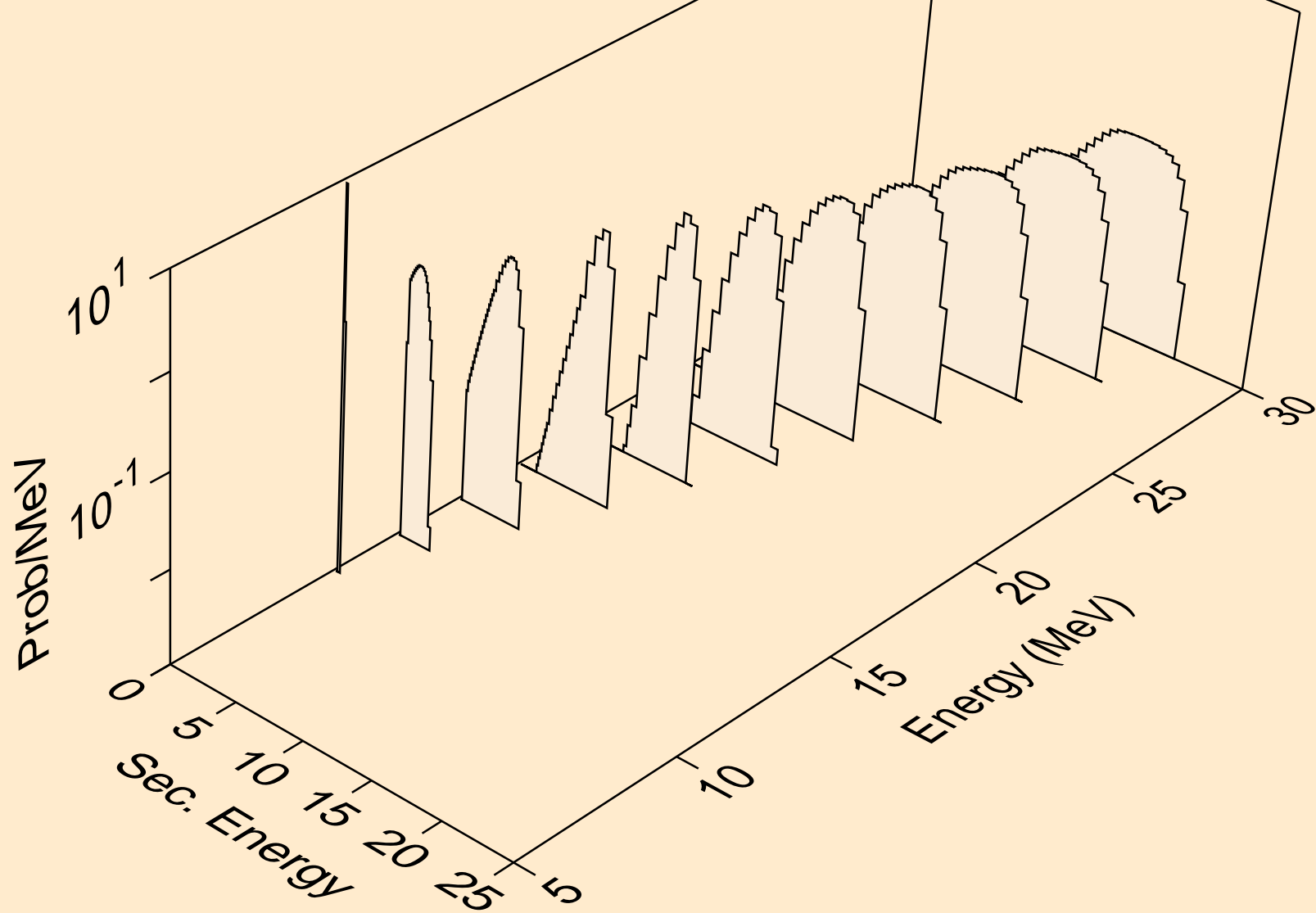
PM161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



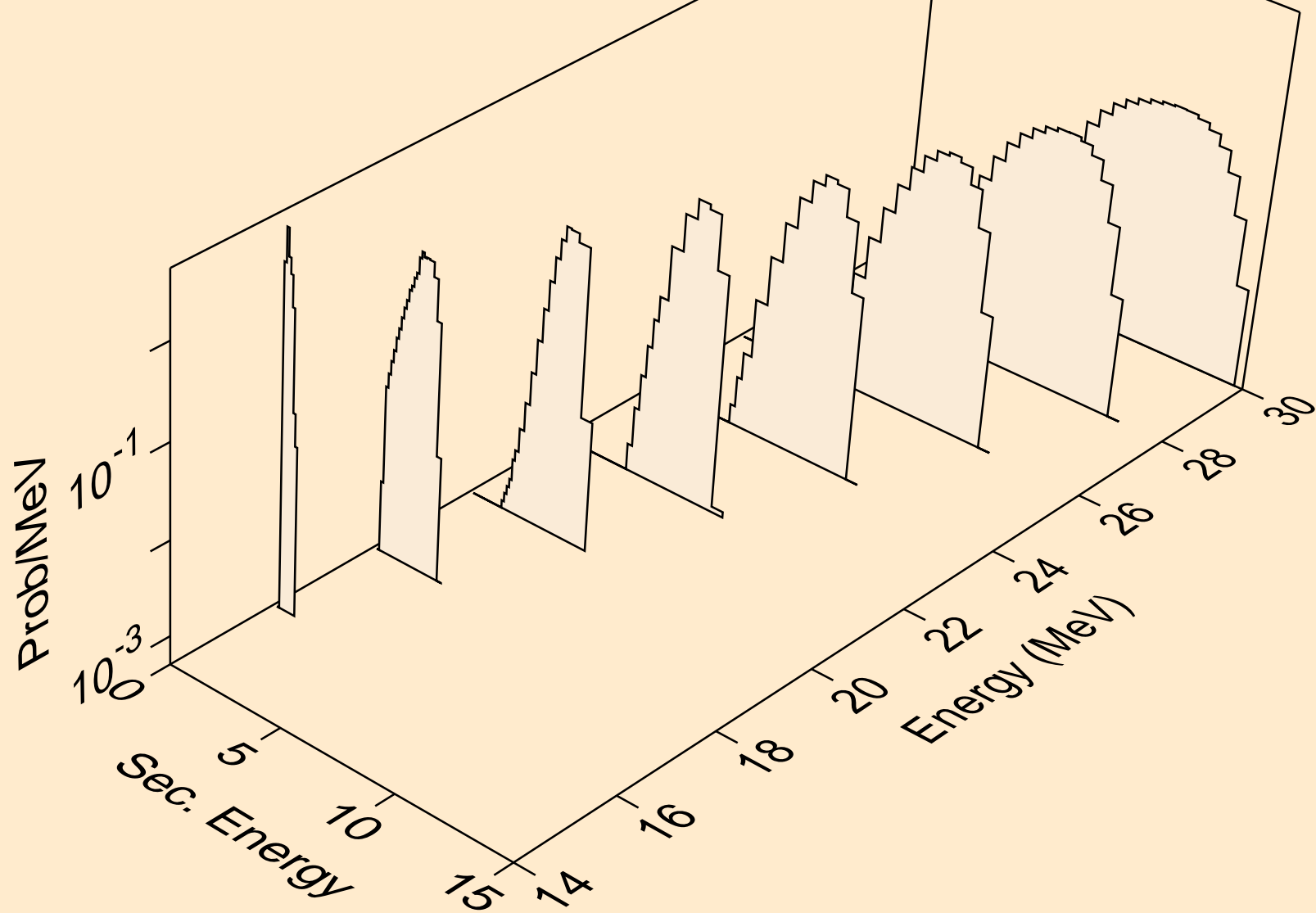
PM161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



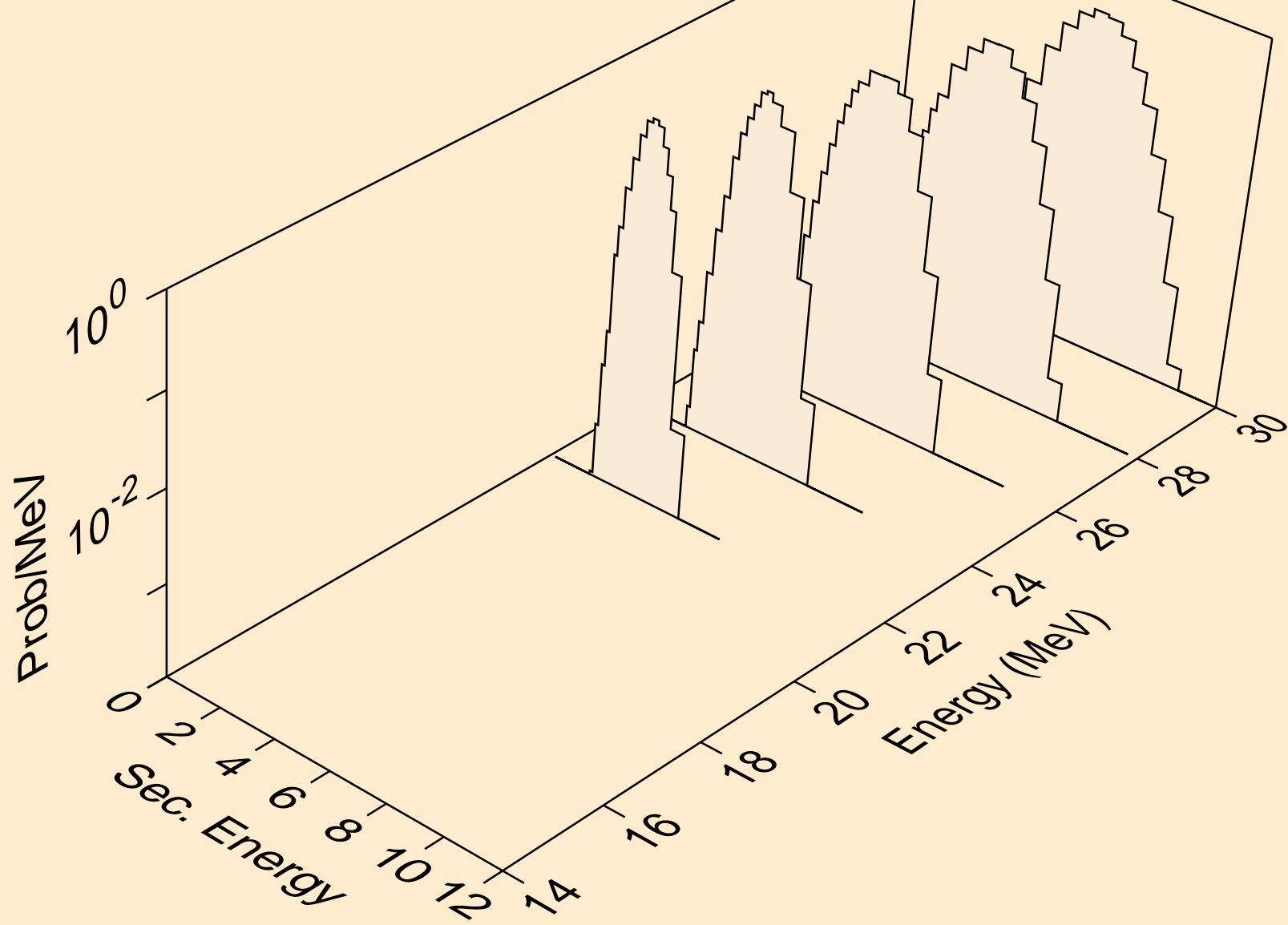
PM161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



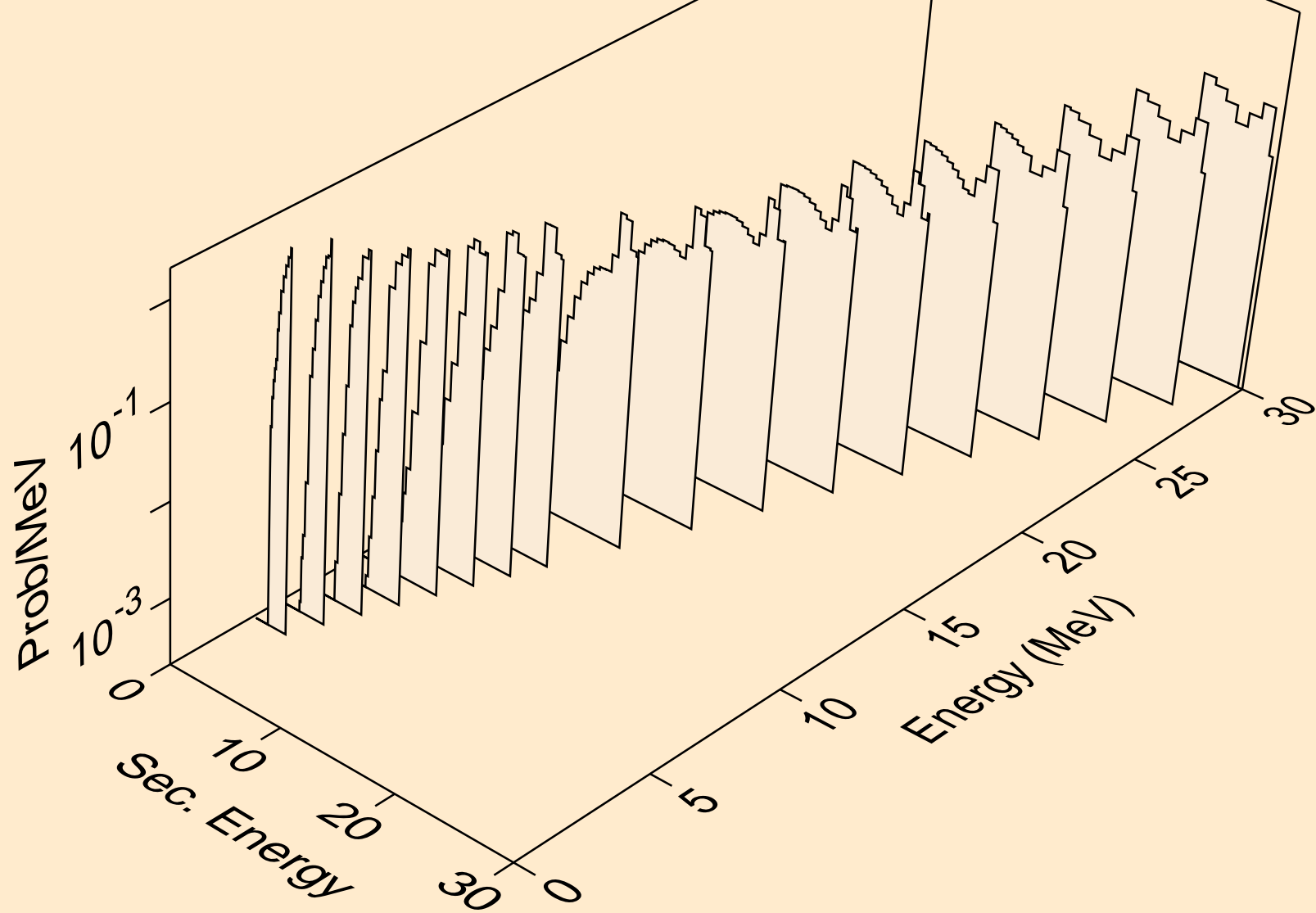
PM161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,3np)



PM161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)

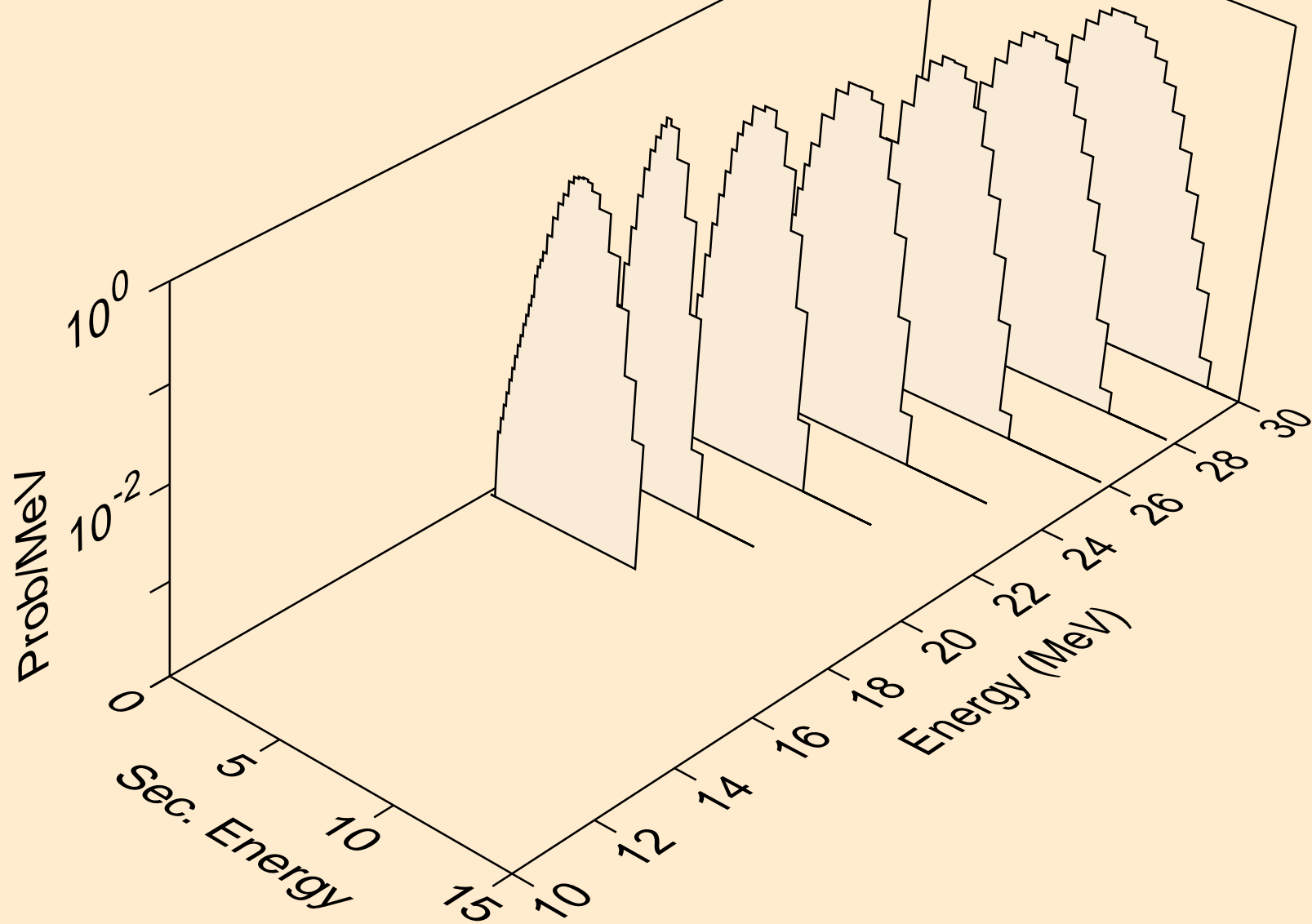


PM161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

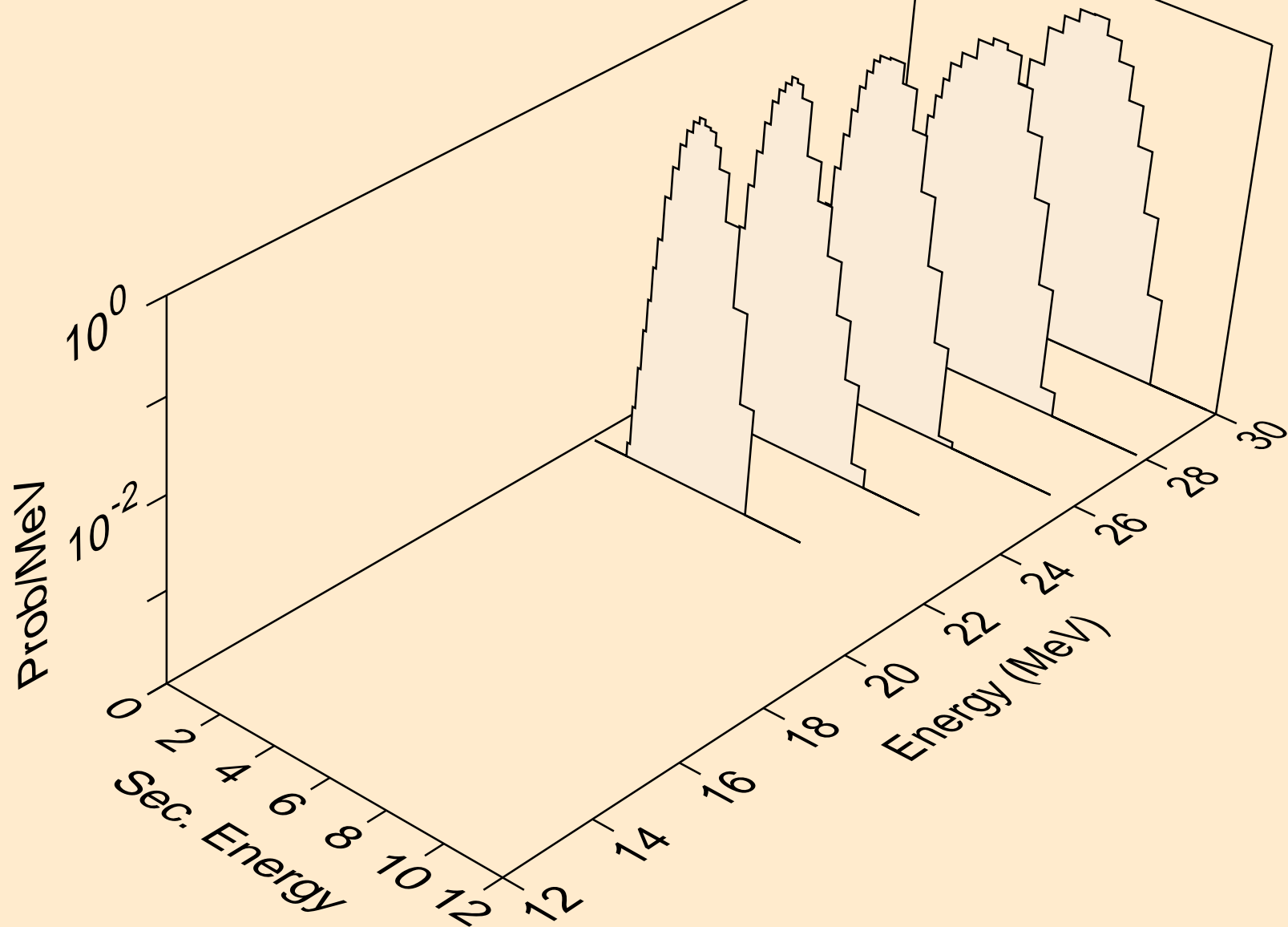




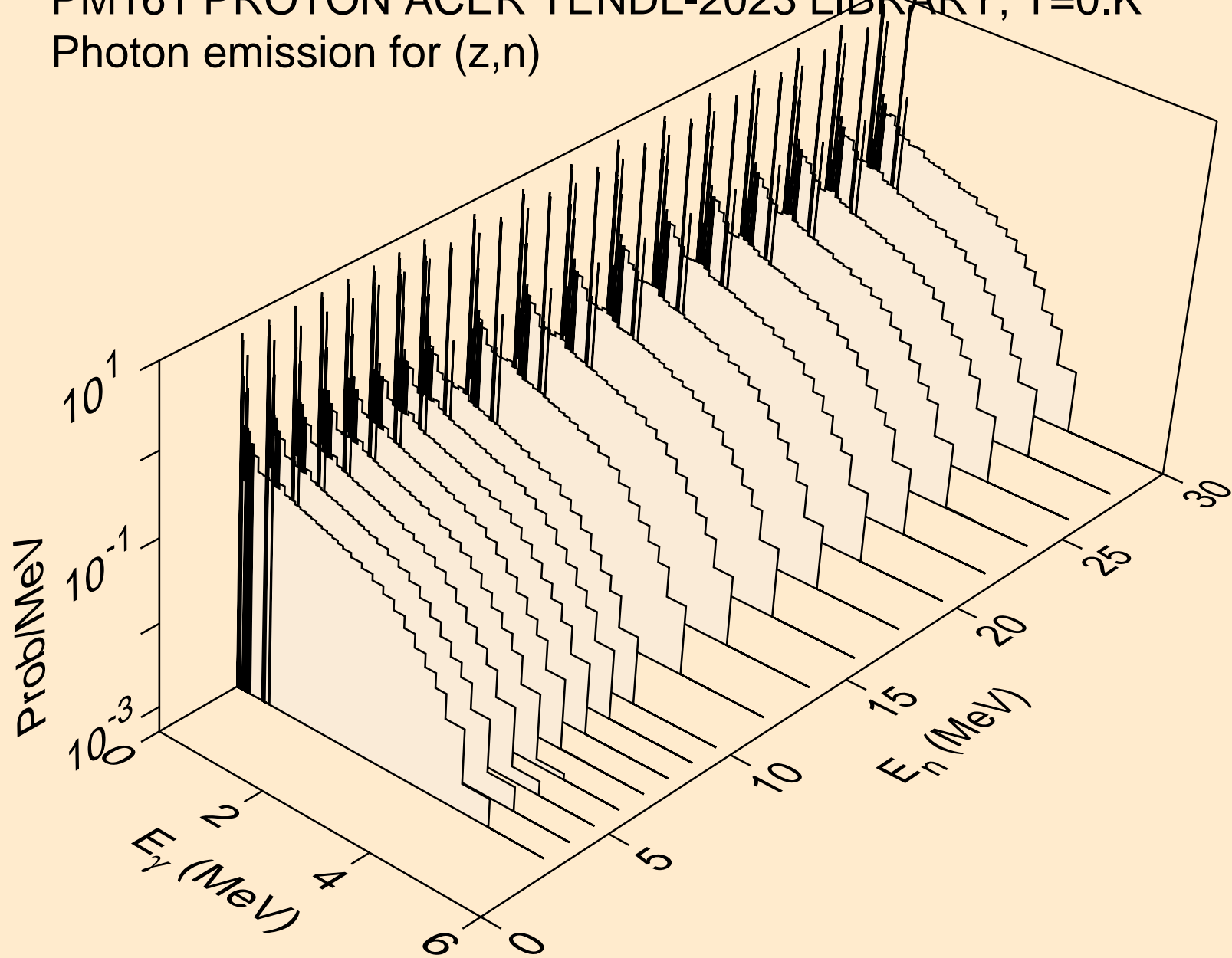
PM161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)



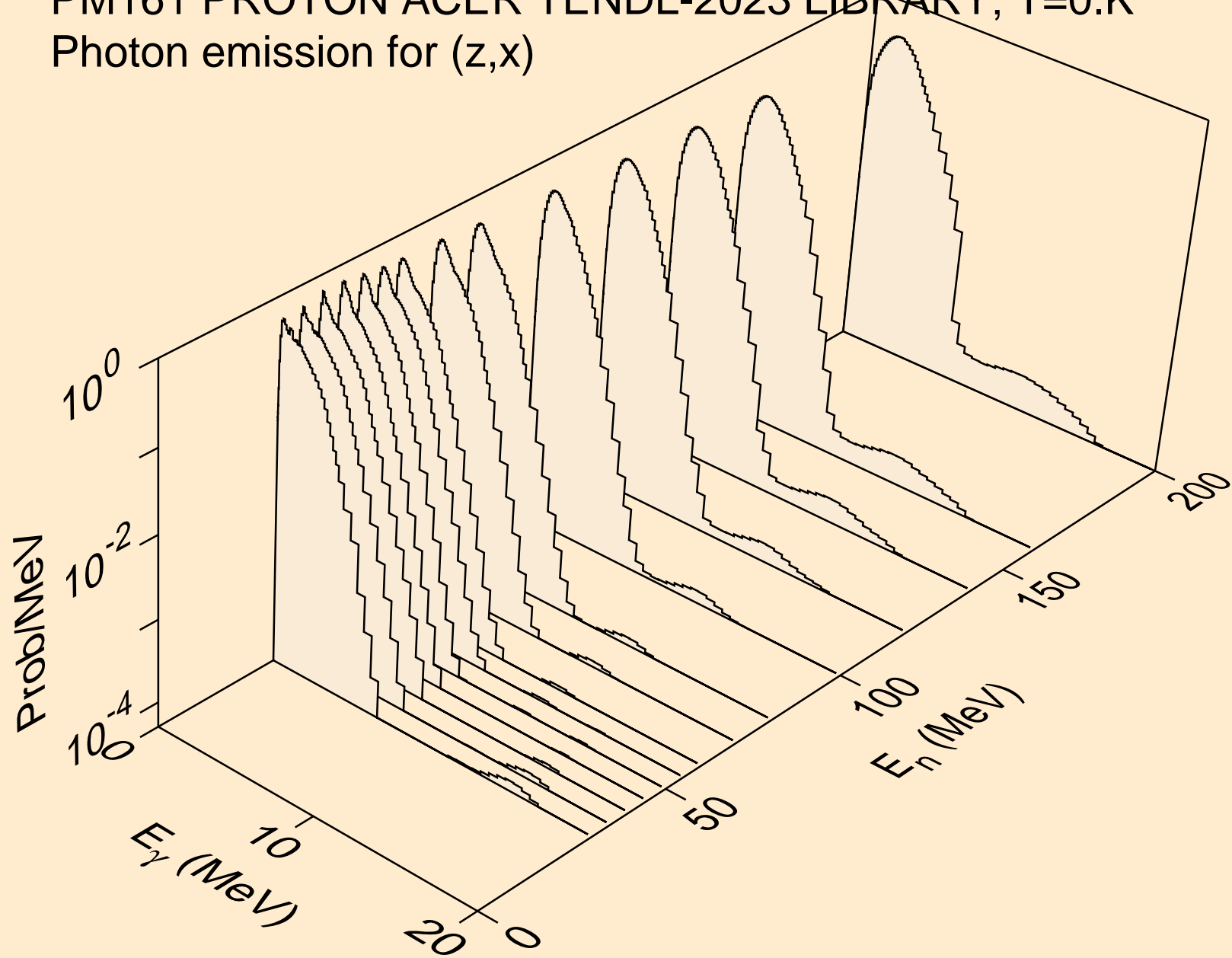
PM161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pd)



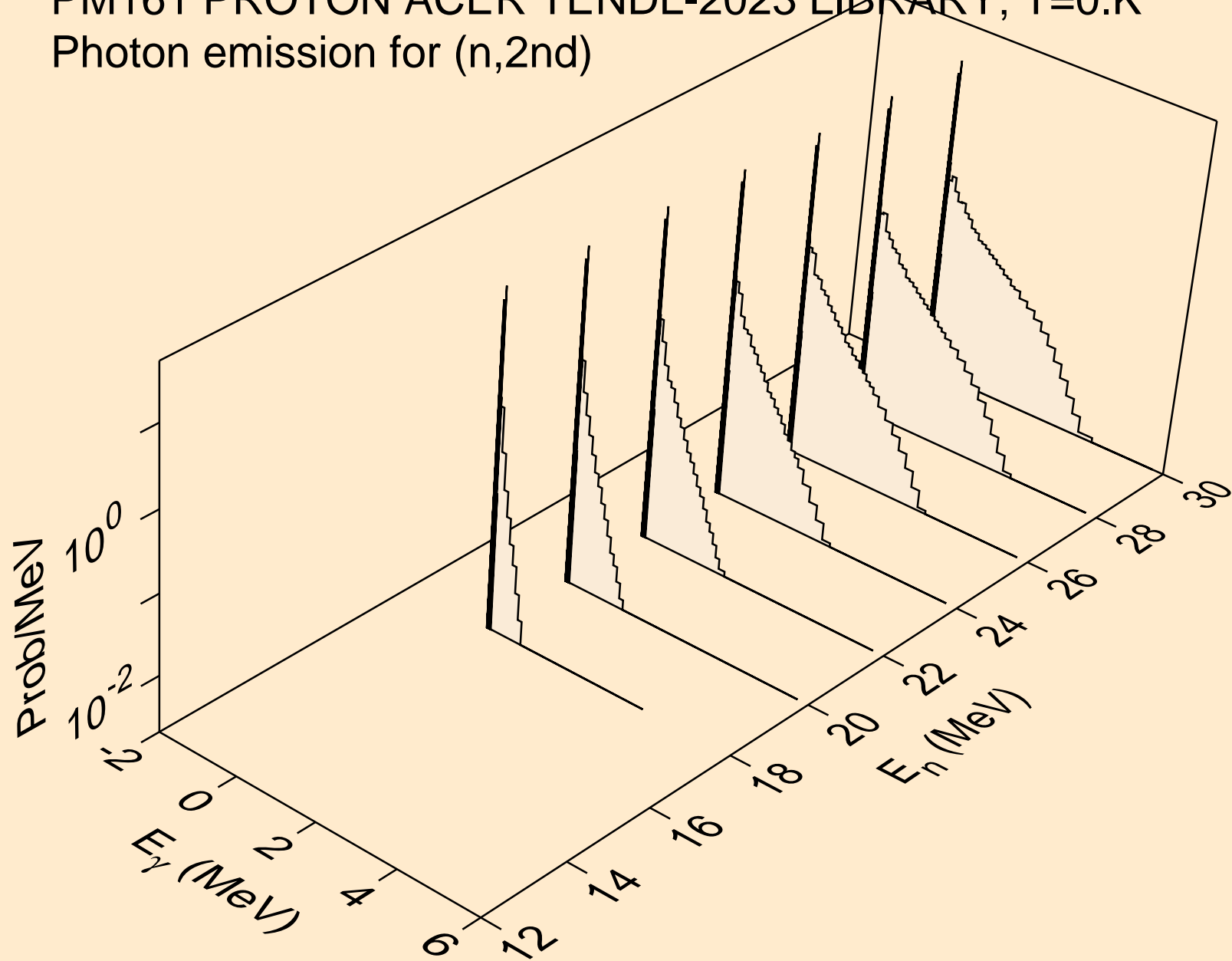
PM161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



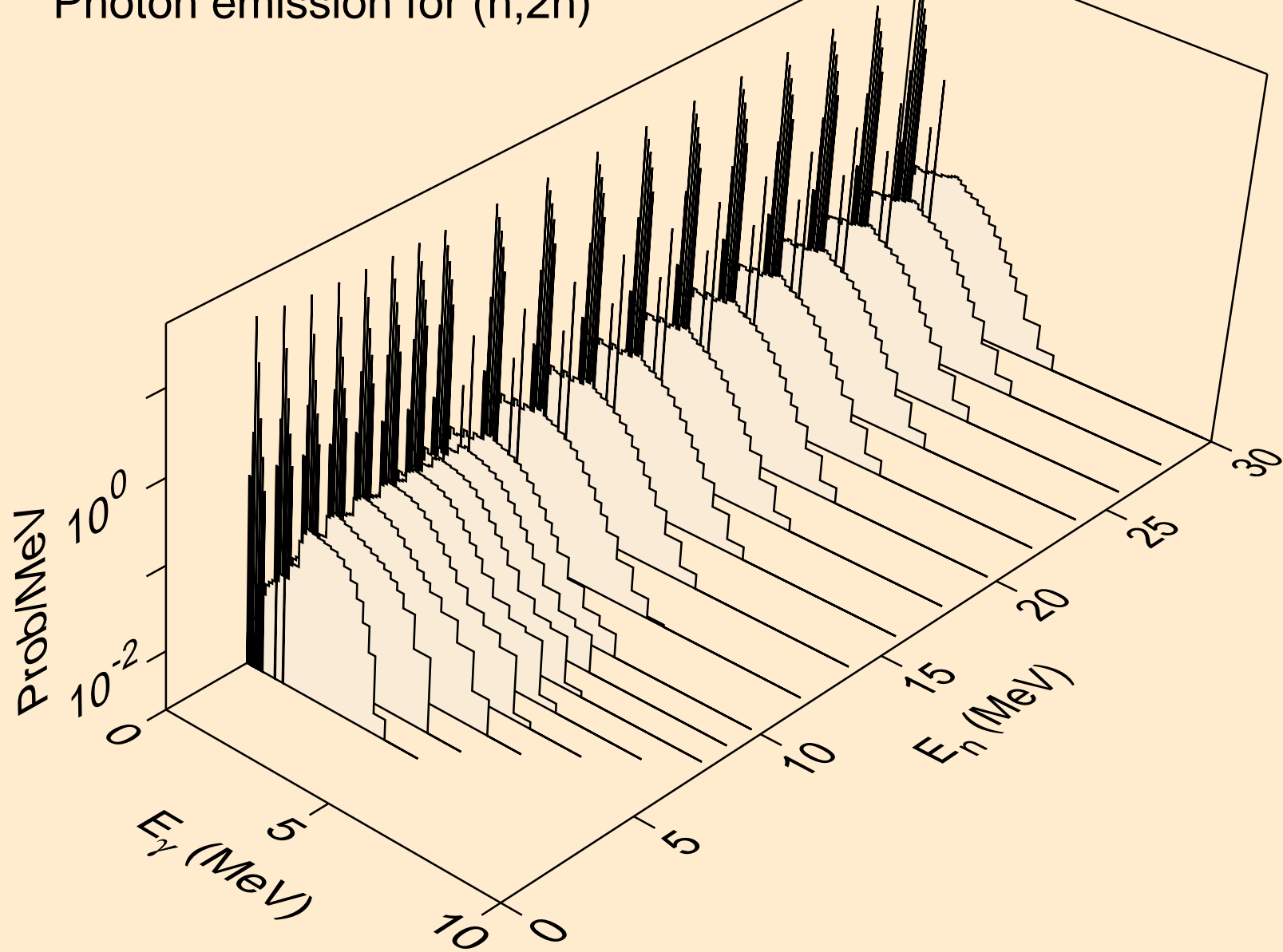
PM161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



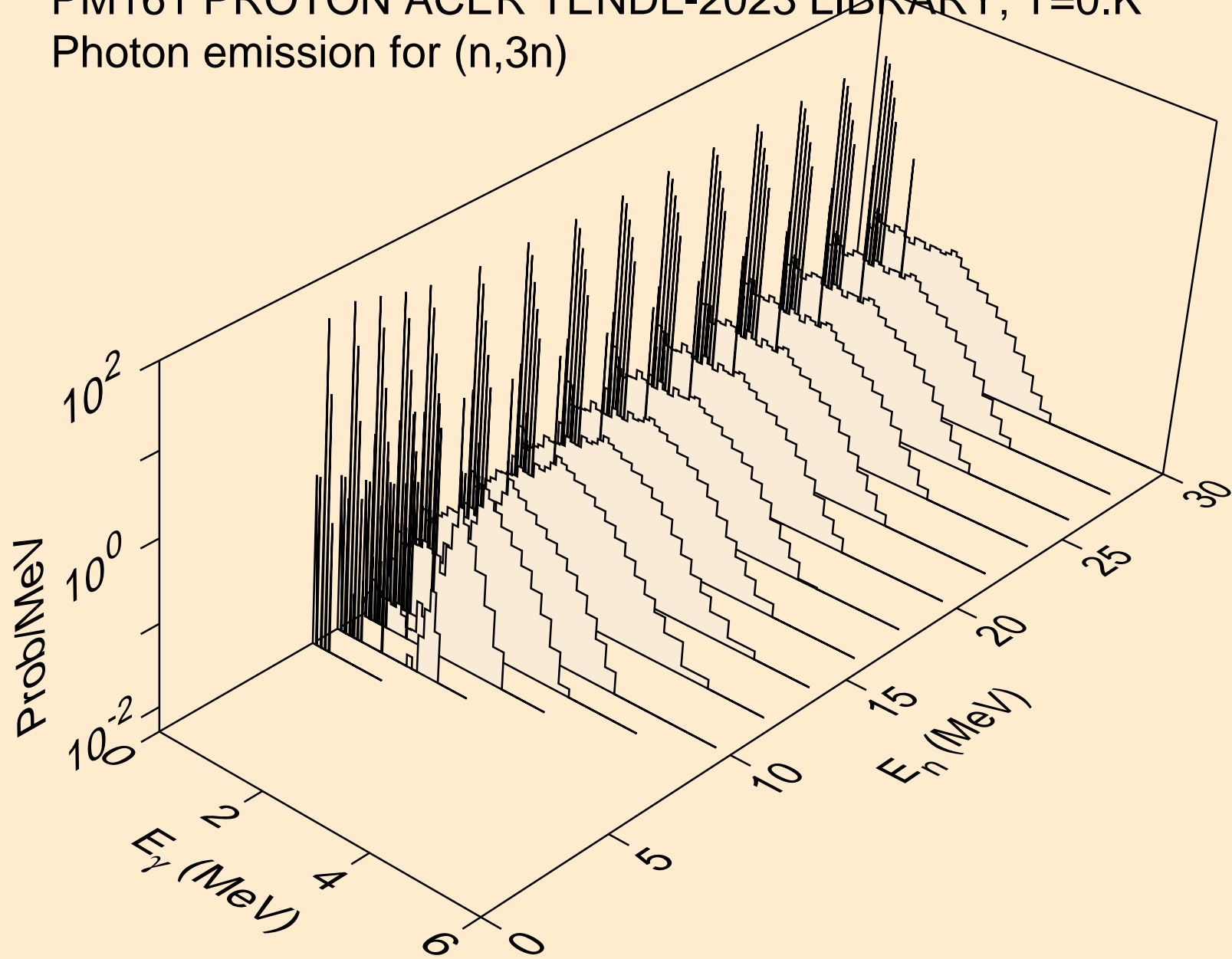
PM161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



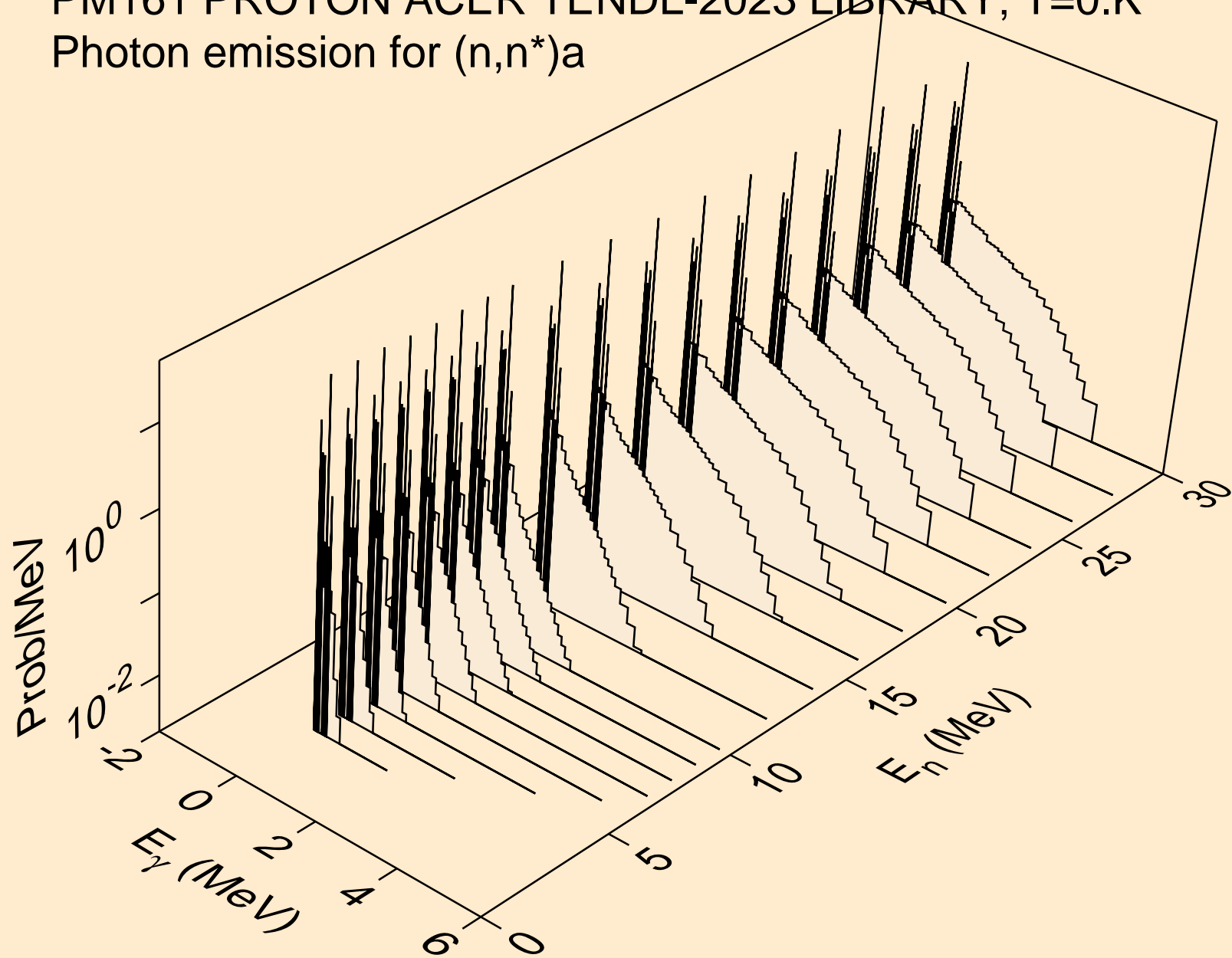
PM161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



PM161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)

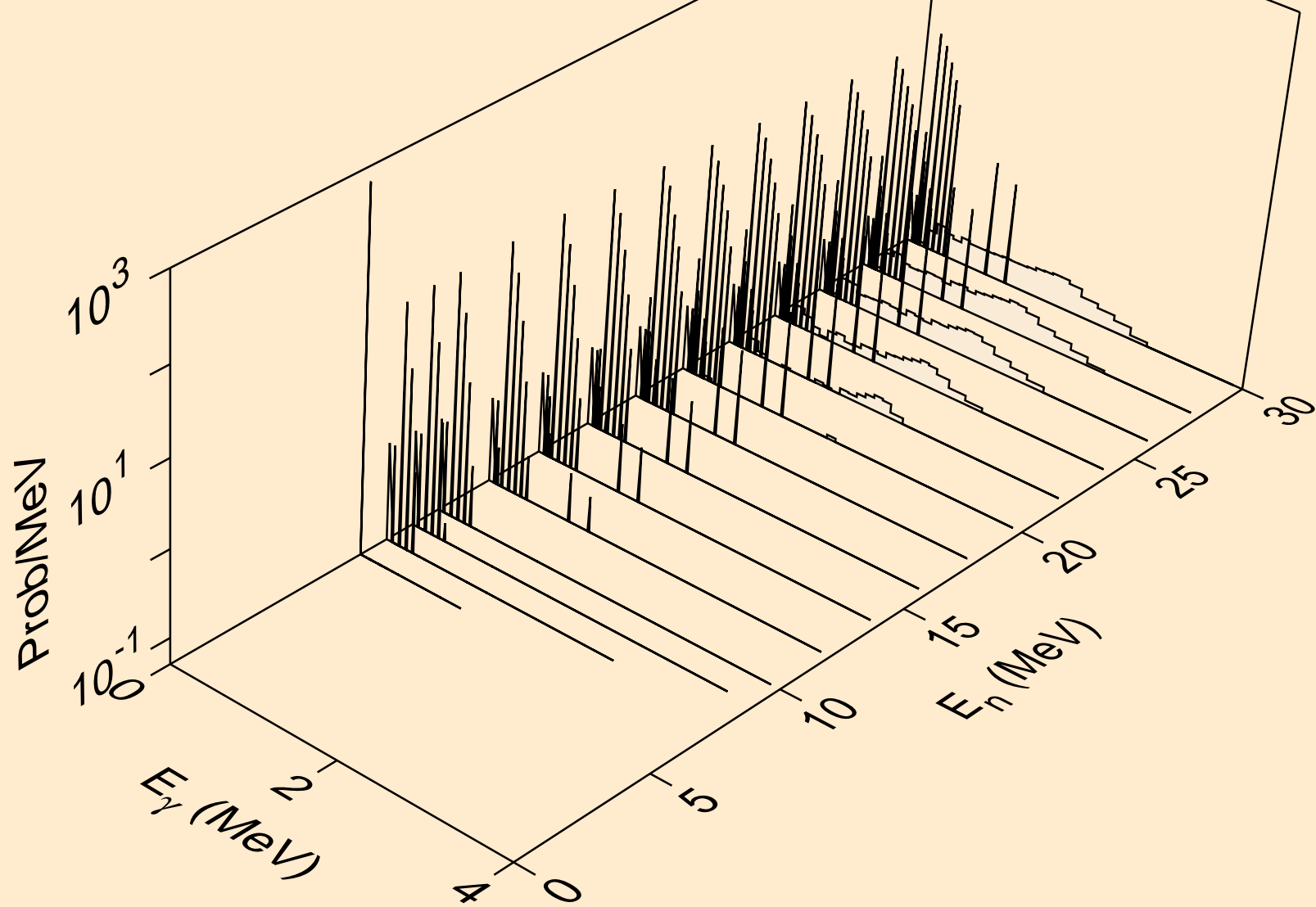


PM161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

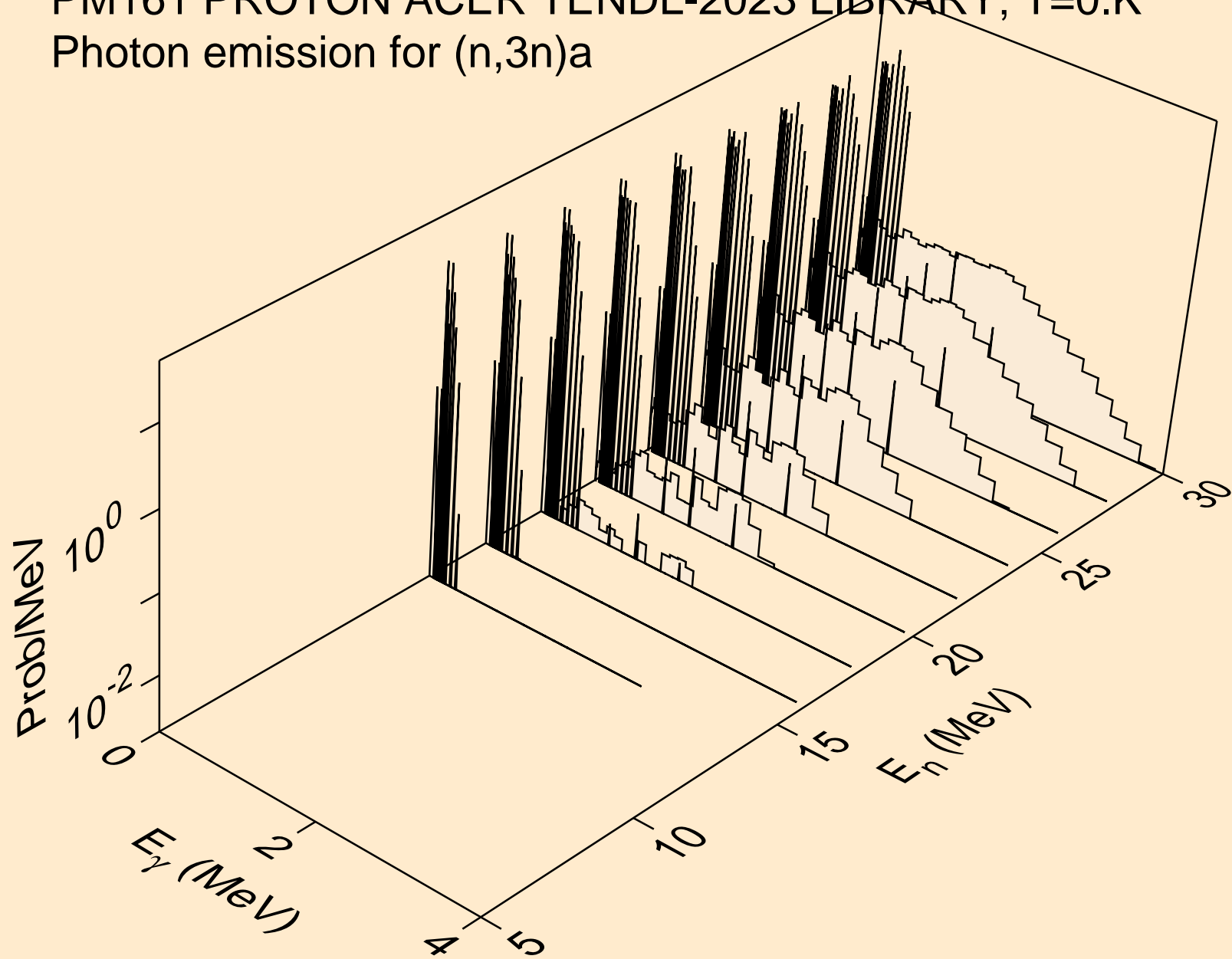




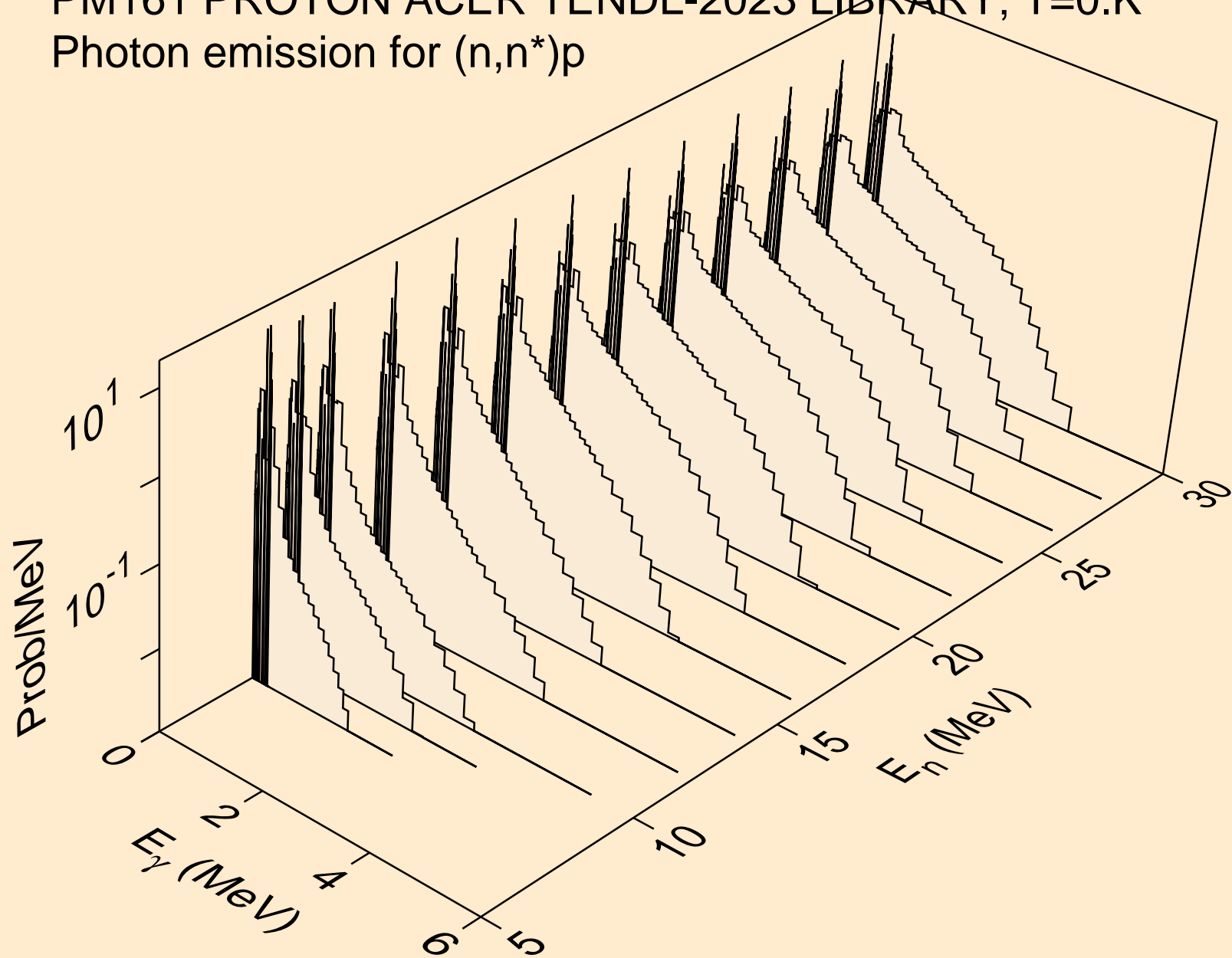
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Photon emission for (n,2n)a



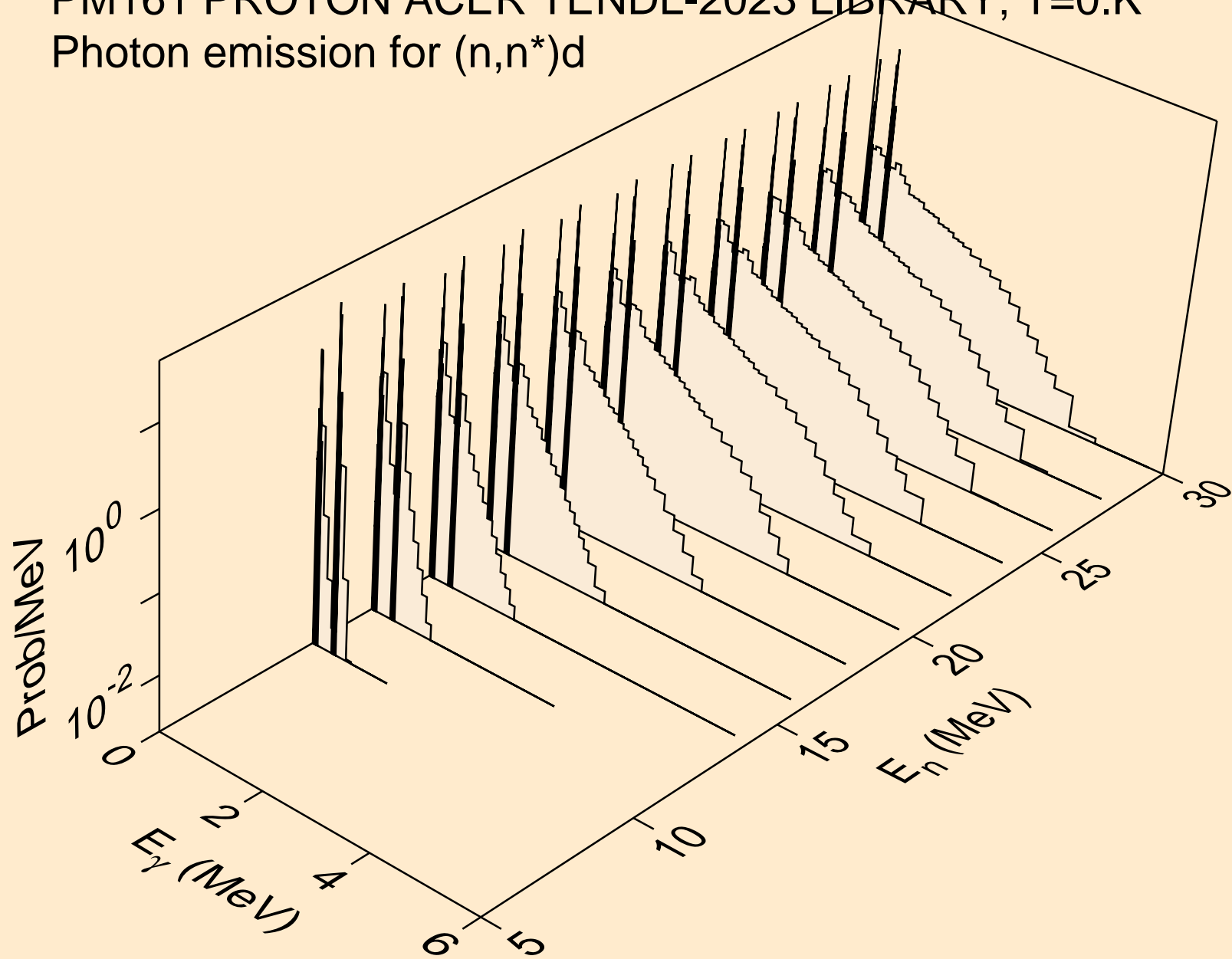
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Photon emission for (n,3n)a



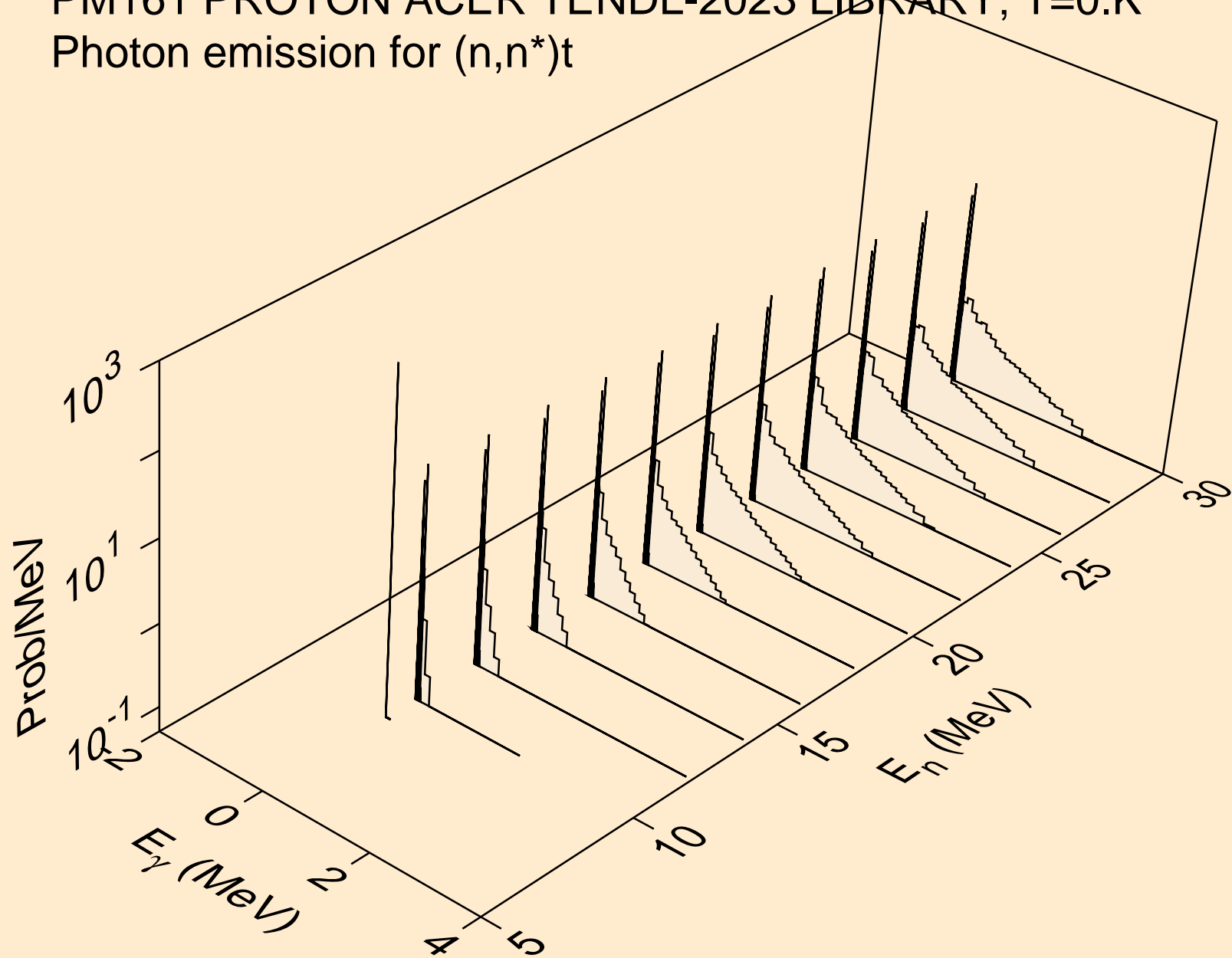
PM161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



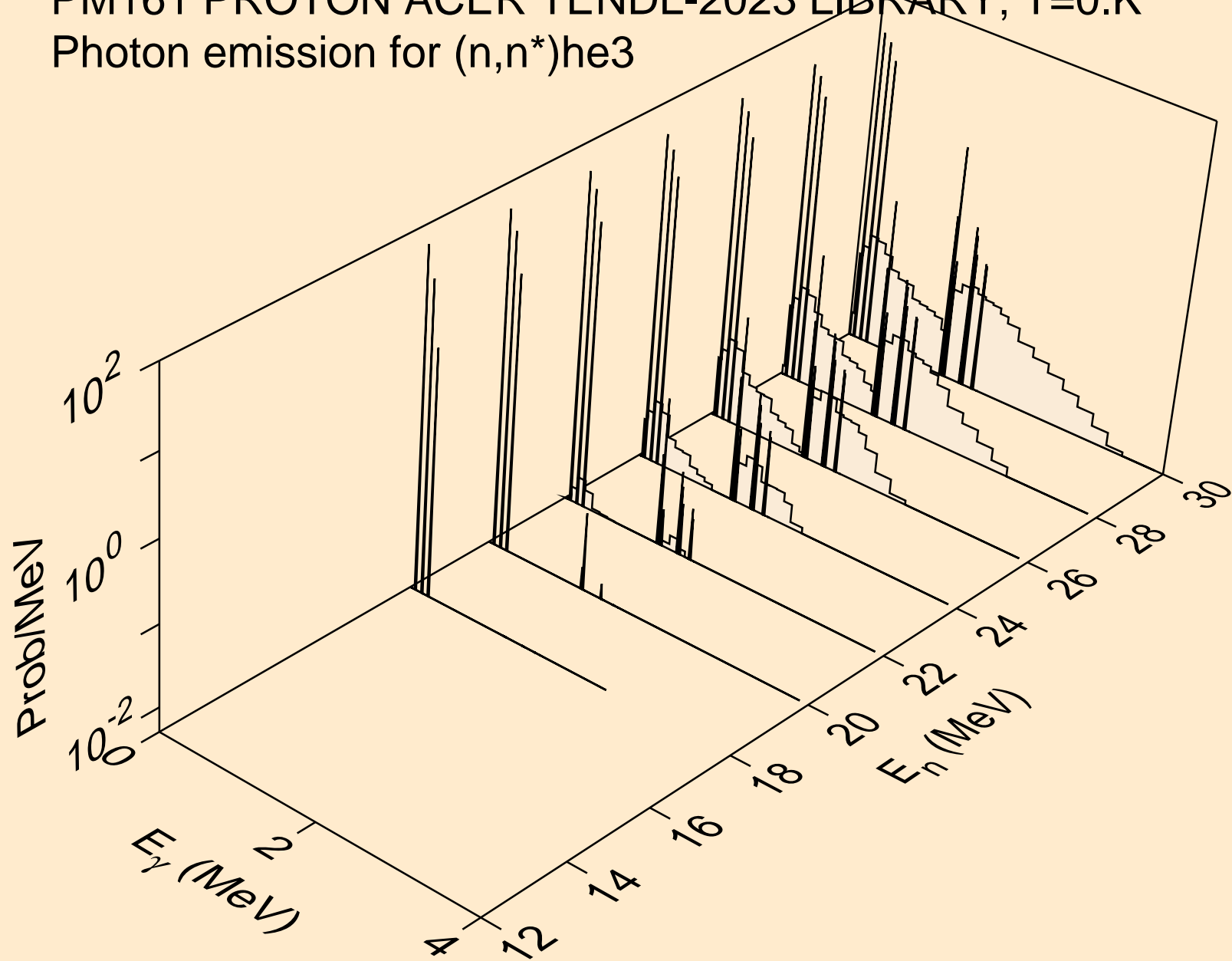
PM161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



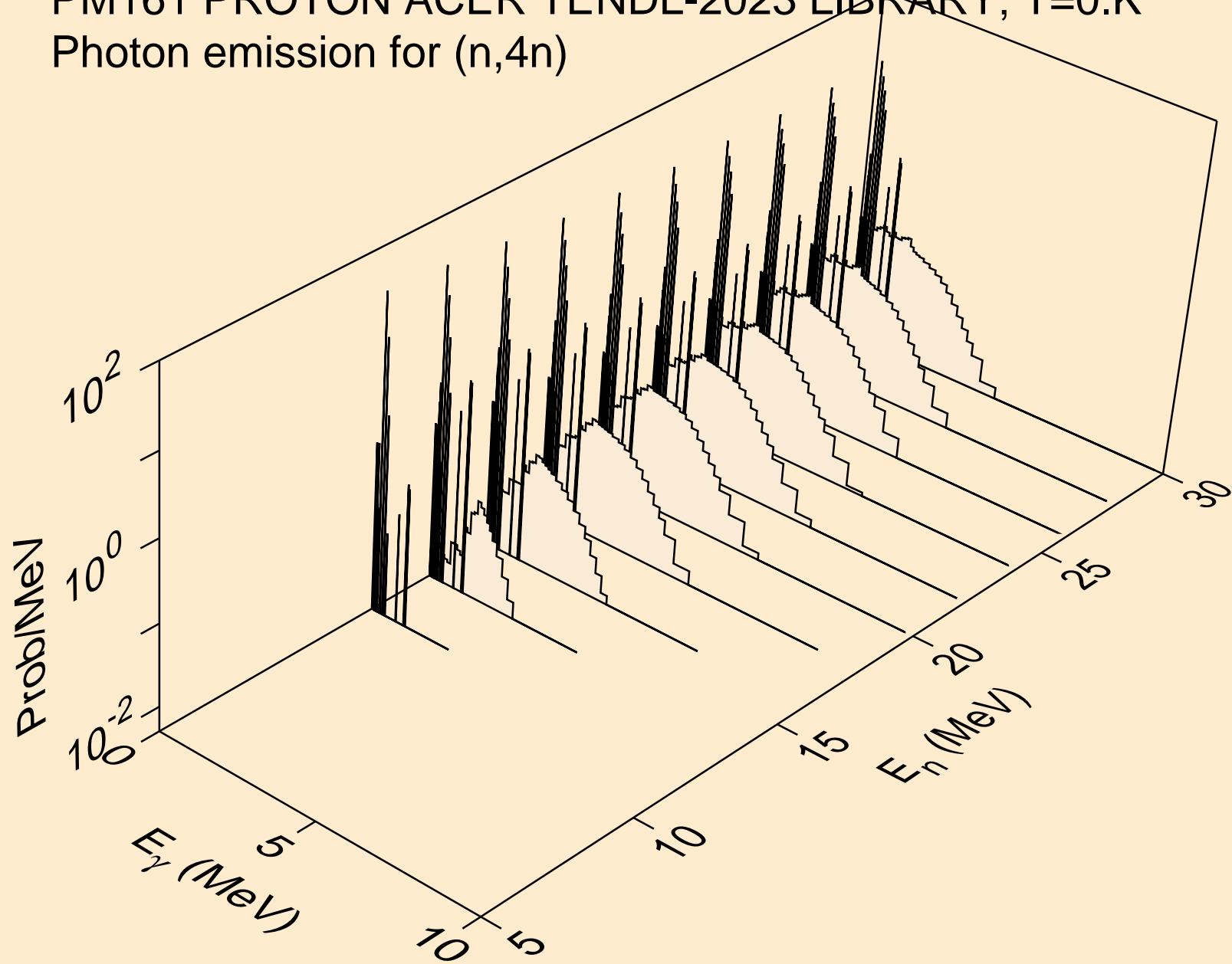
PM161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



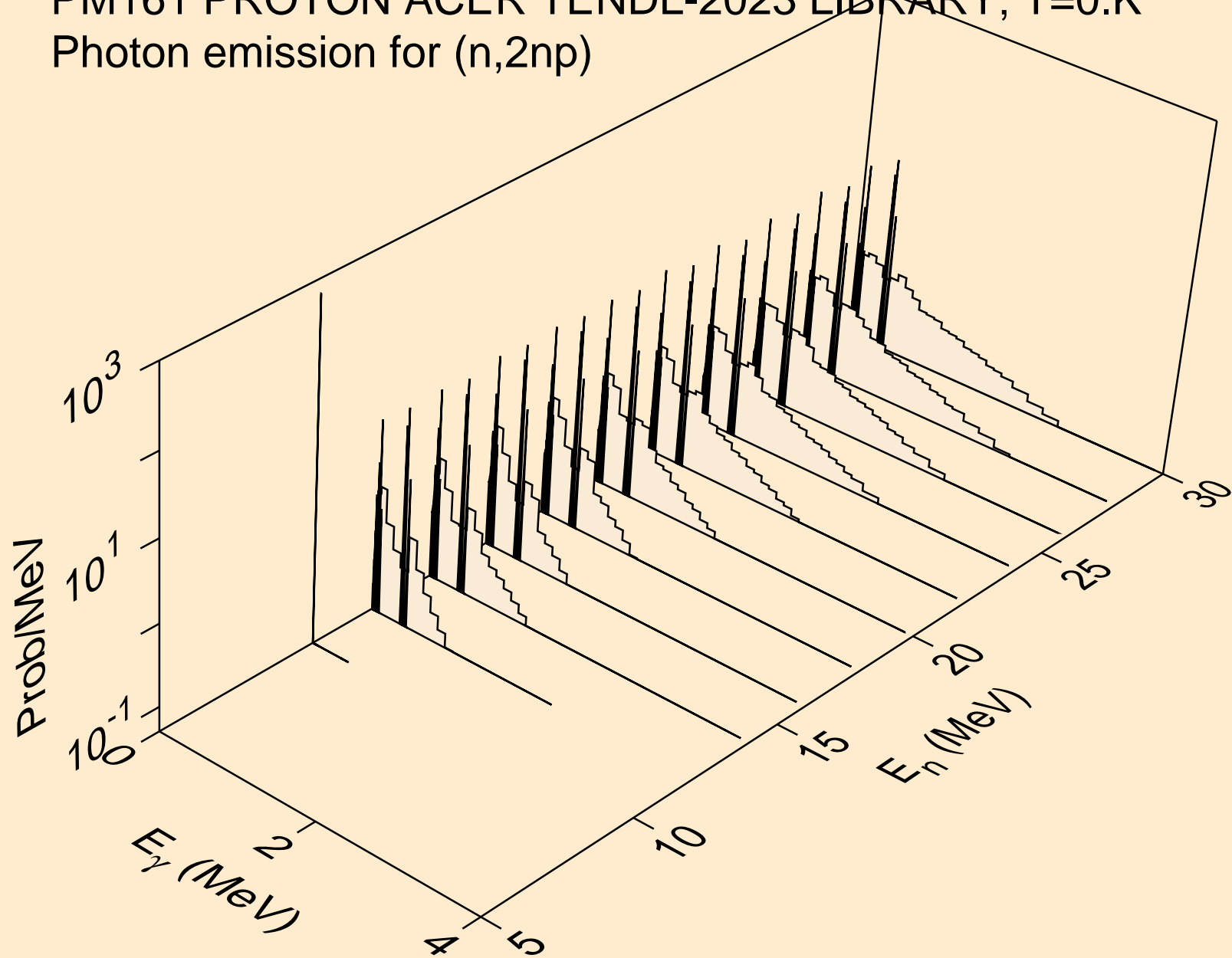
PM161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



PM161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)

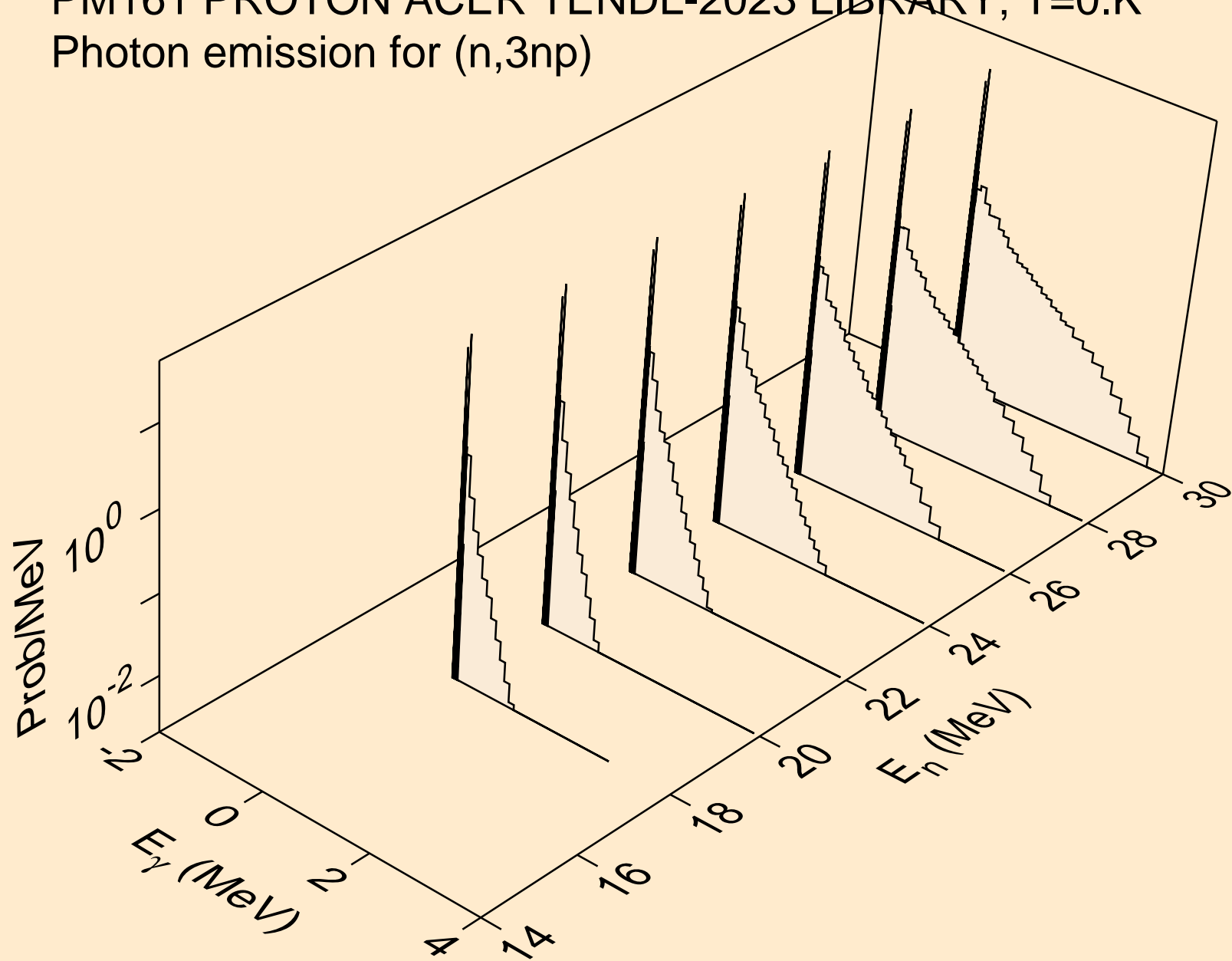


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Photon emission for (n,2np)

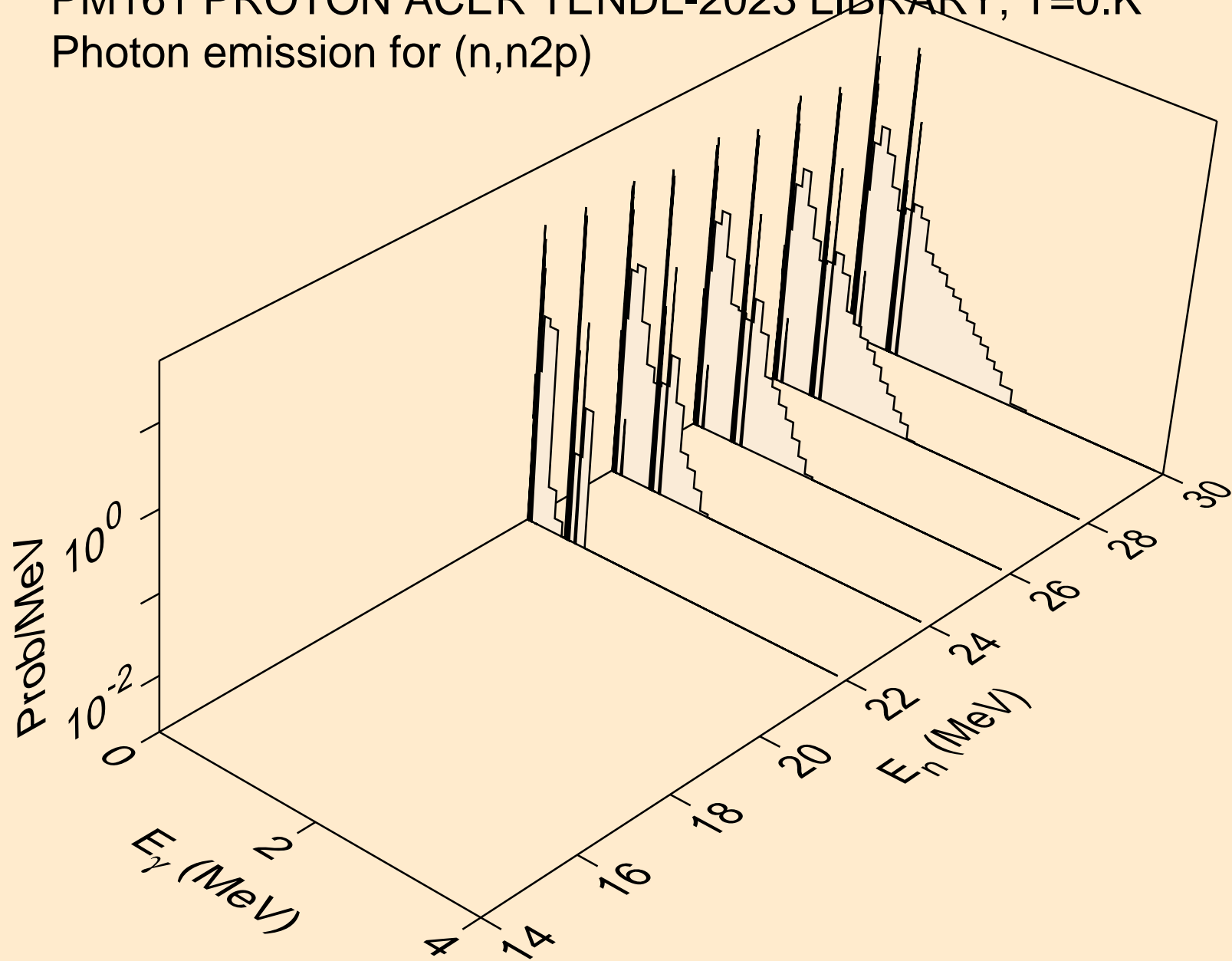




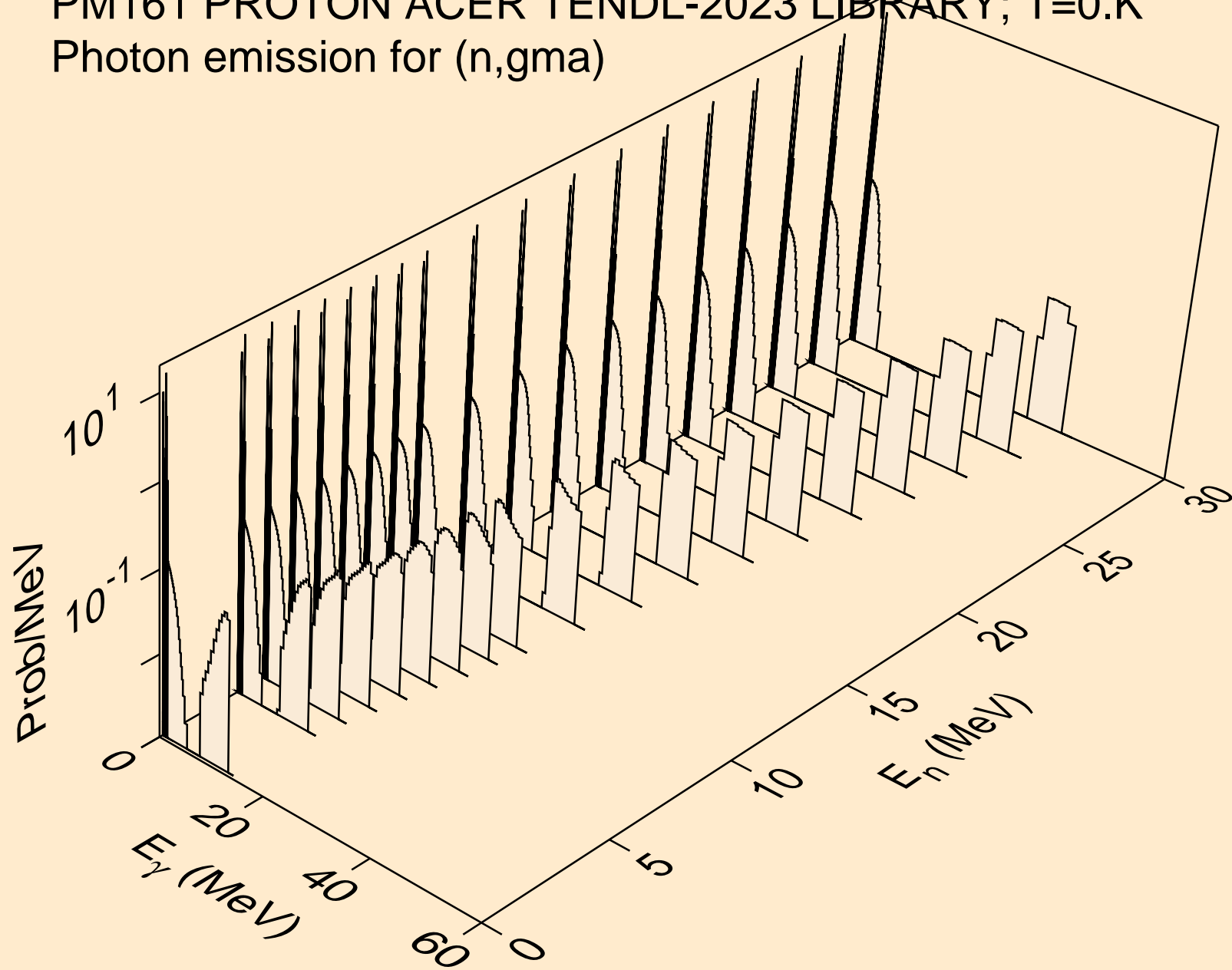
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Photon emission for (n,3np)



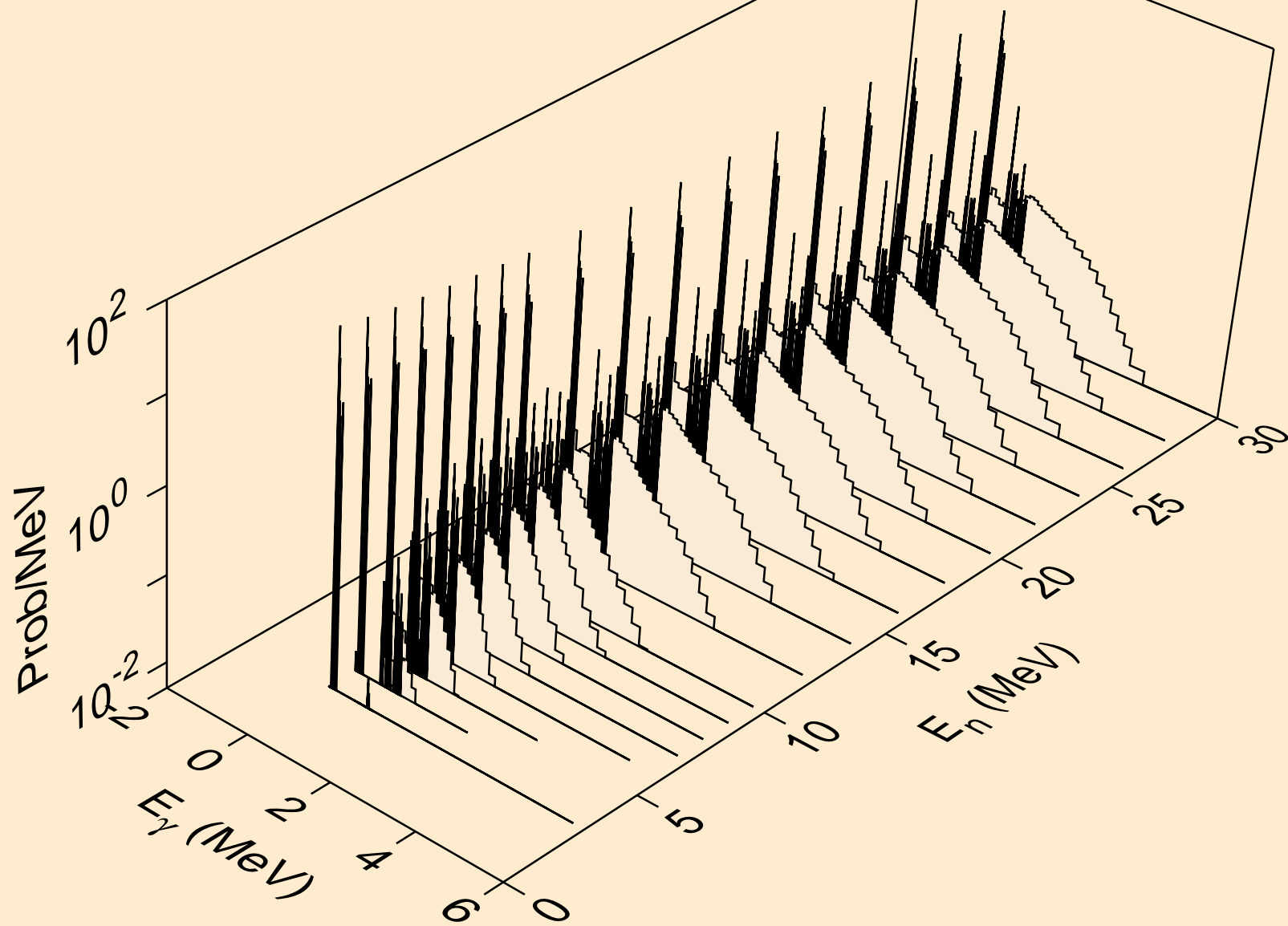
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Photon emission for (n,n2p)



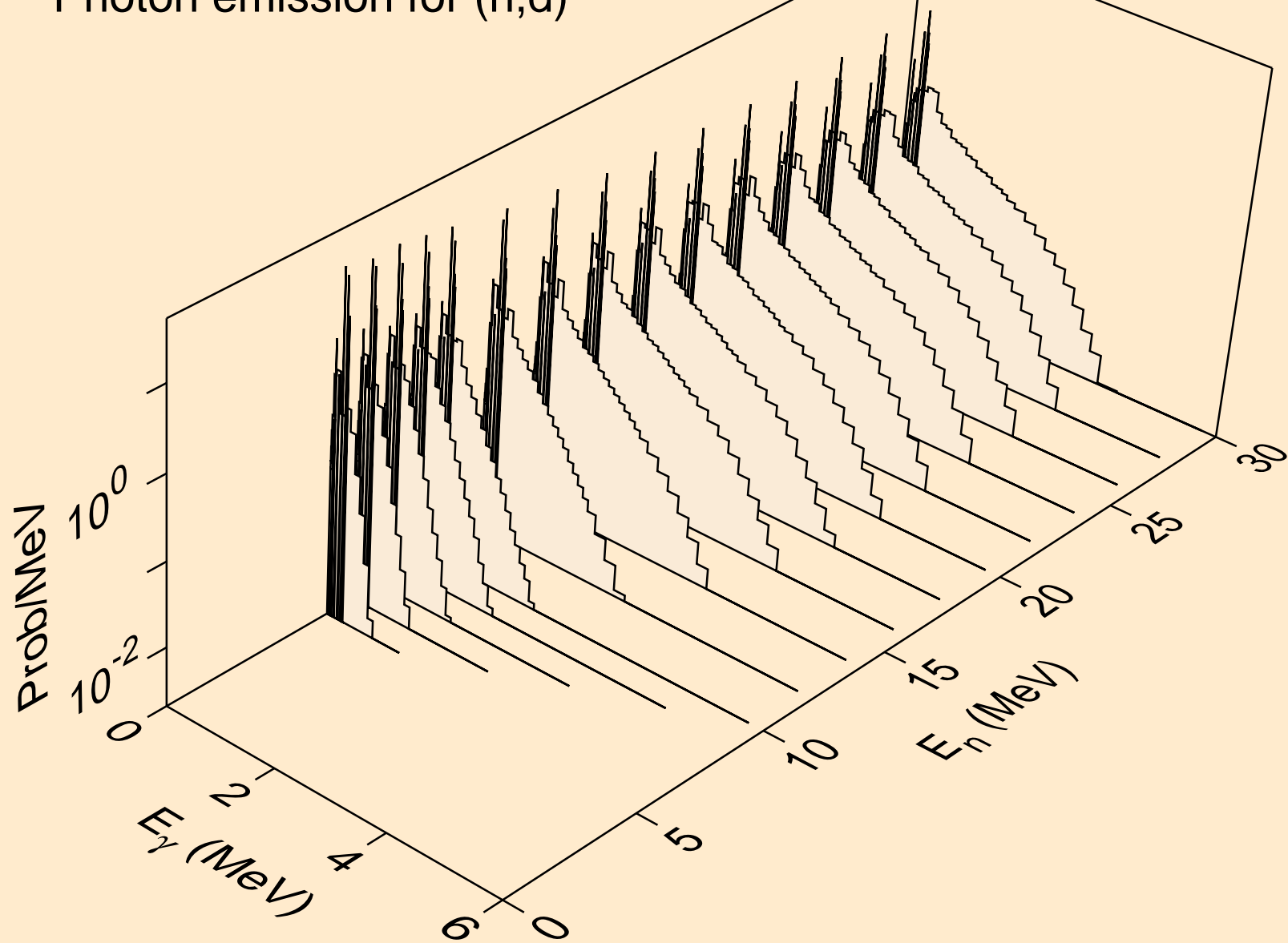
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Photon emission for (n,gma)



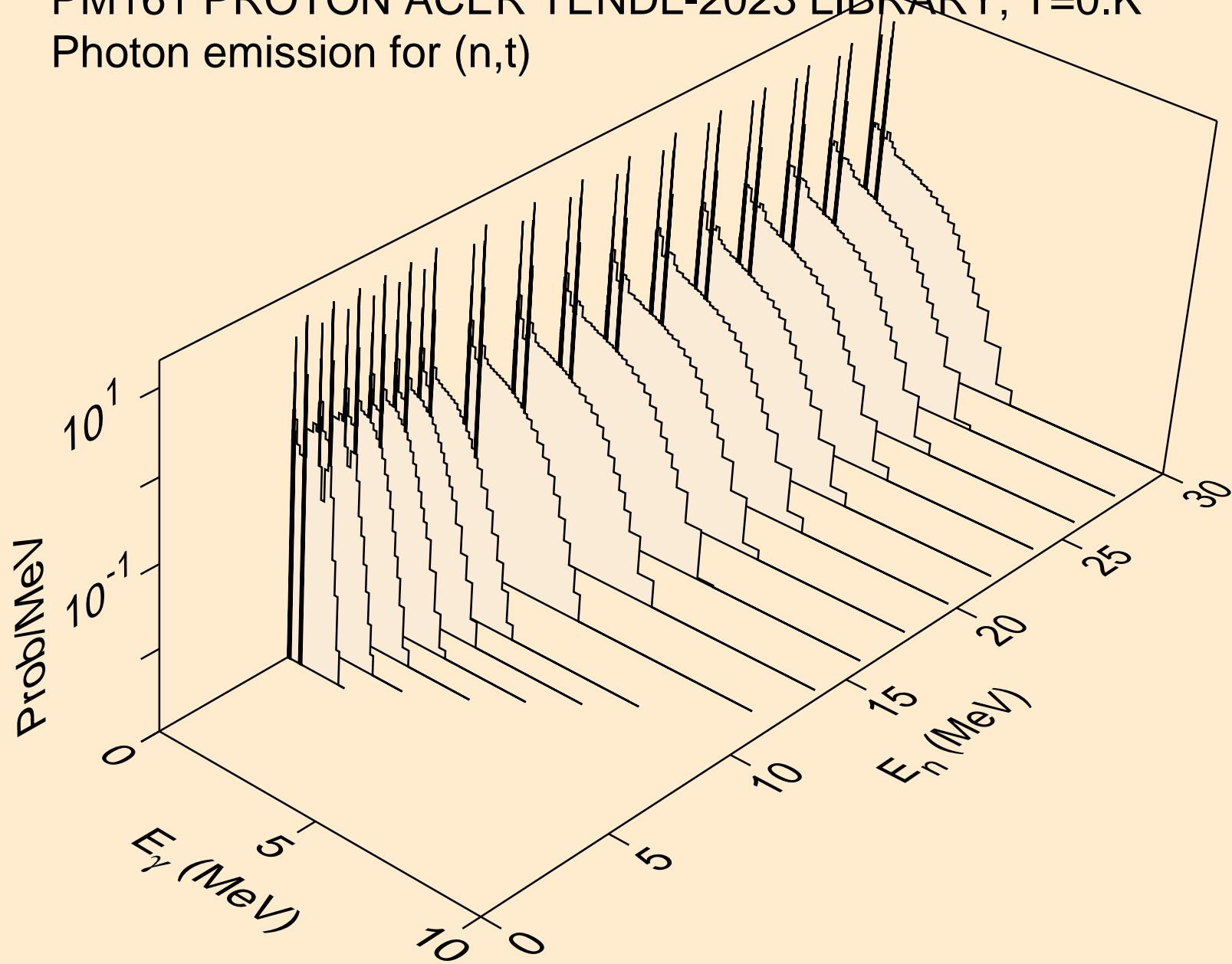
PM161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



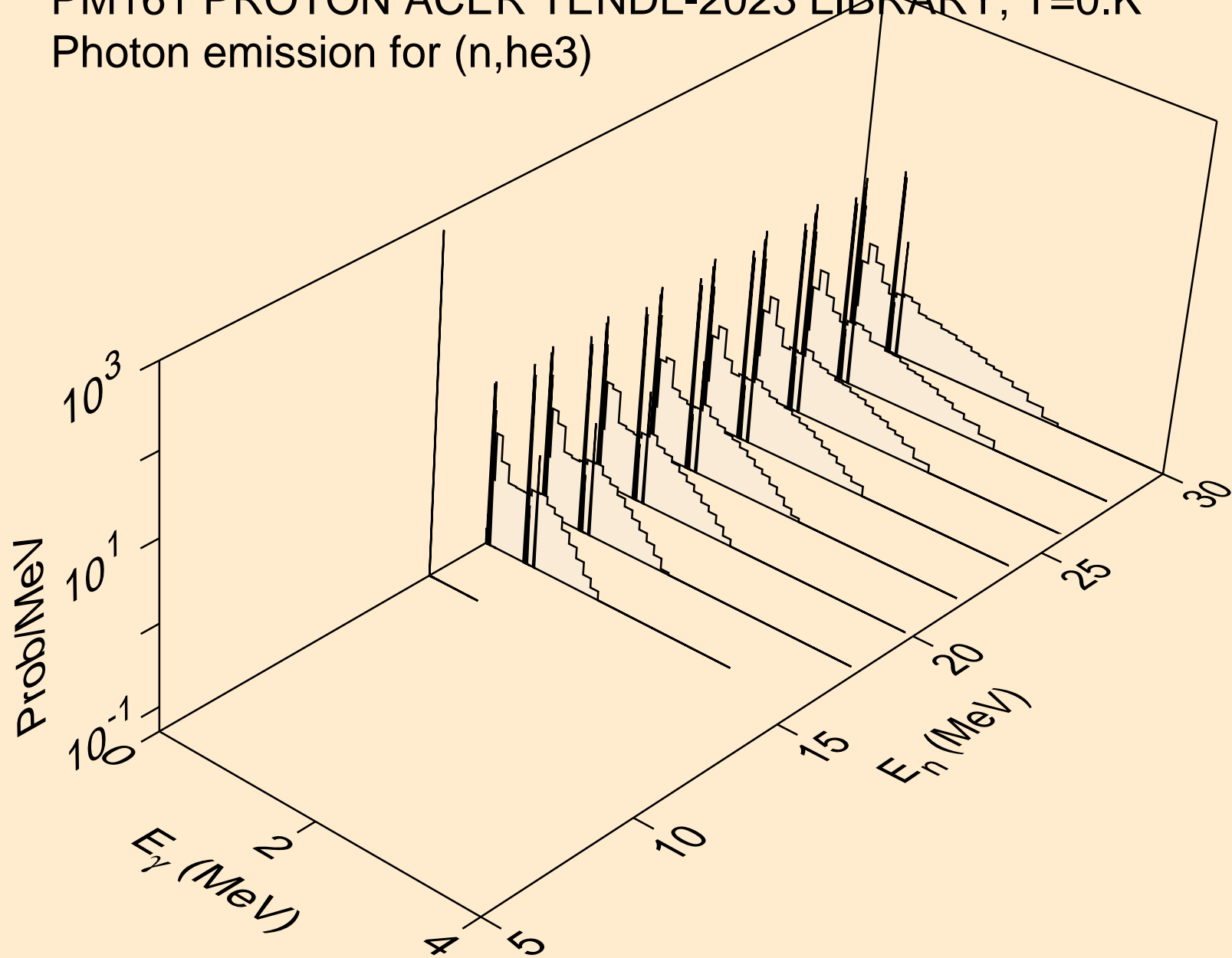
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Photon emission for (n,d)



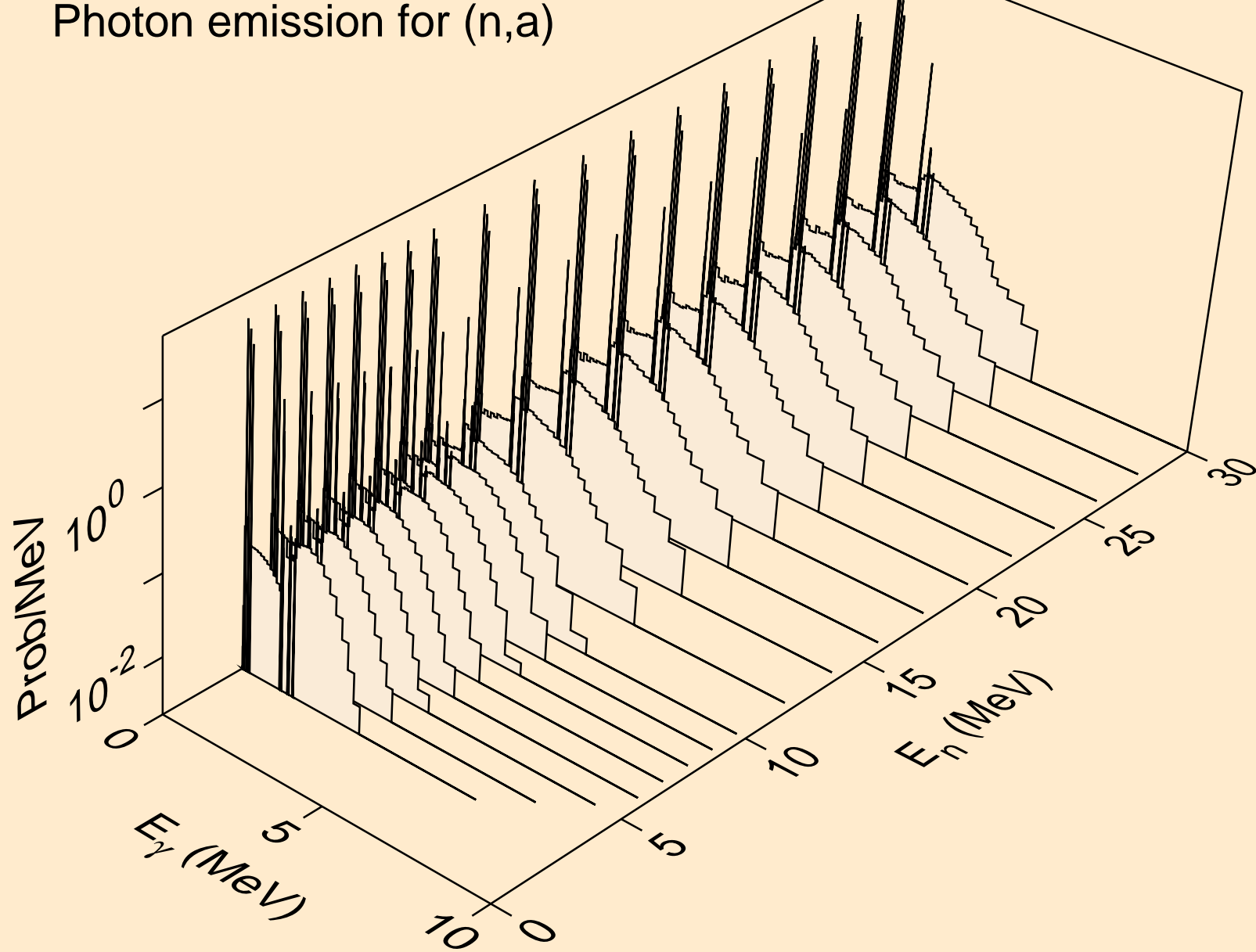
PM161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



PM161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)

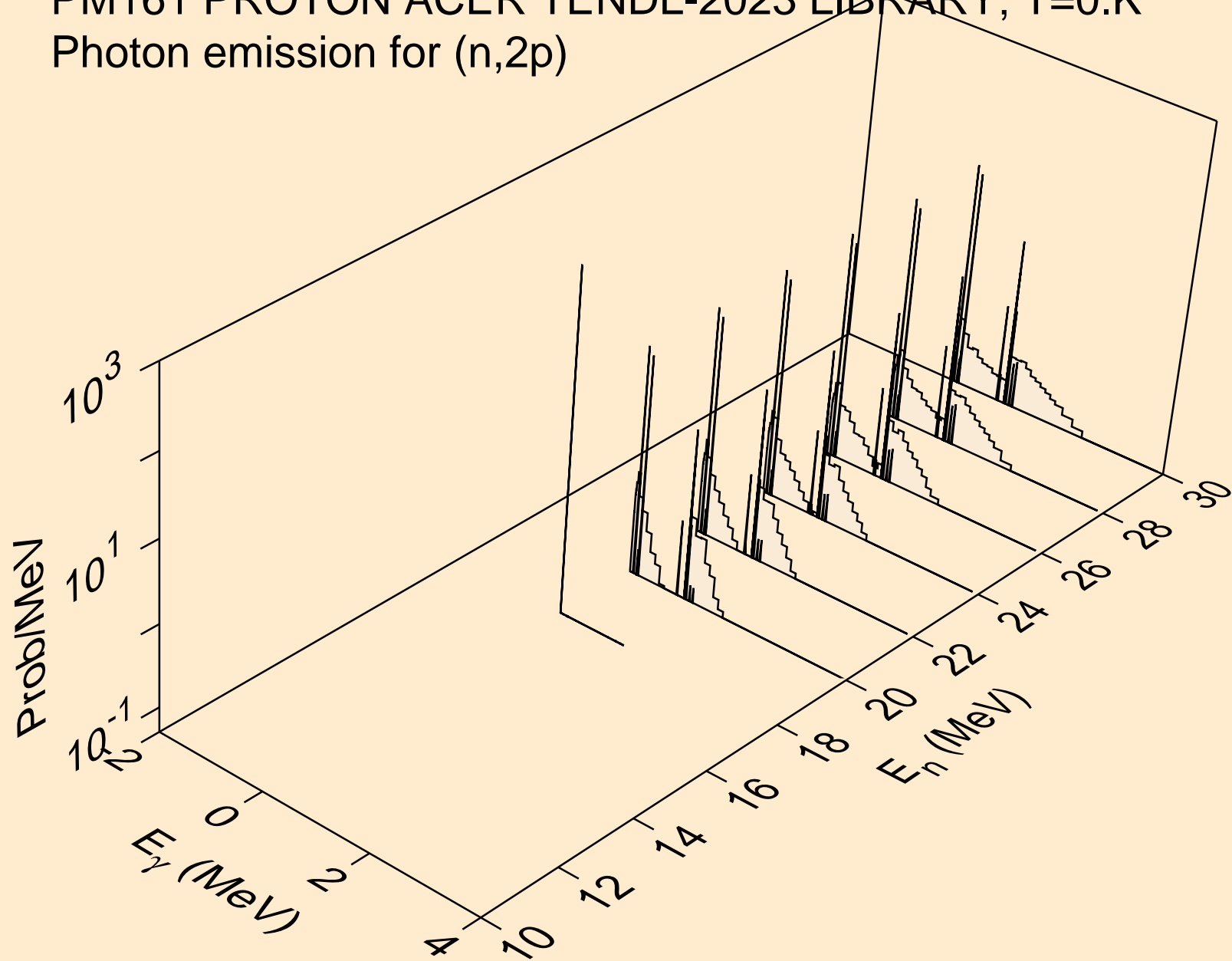


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Photon emission for (n,a)

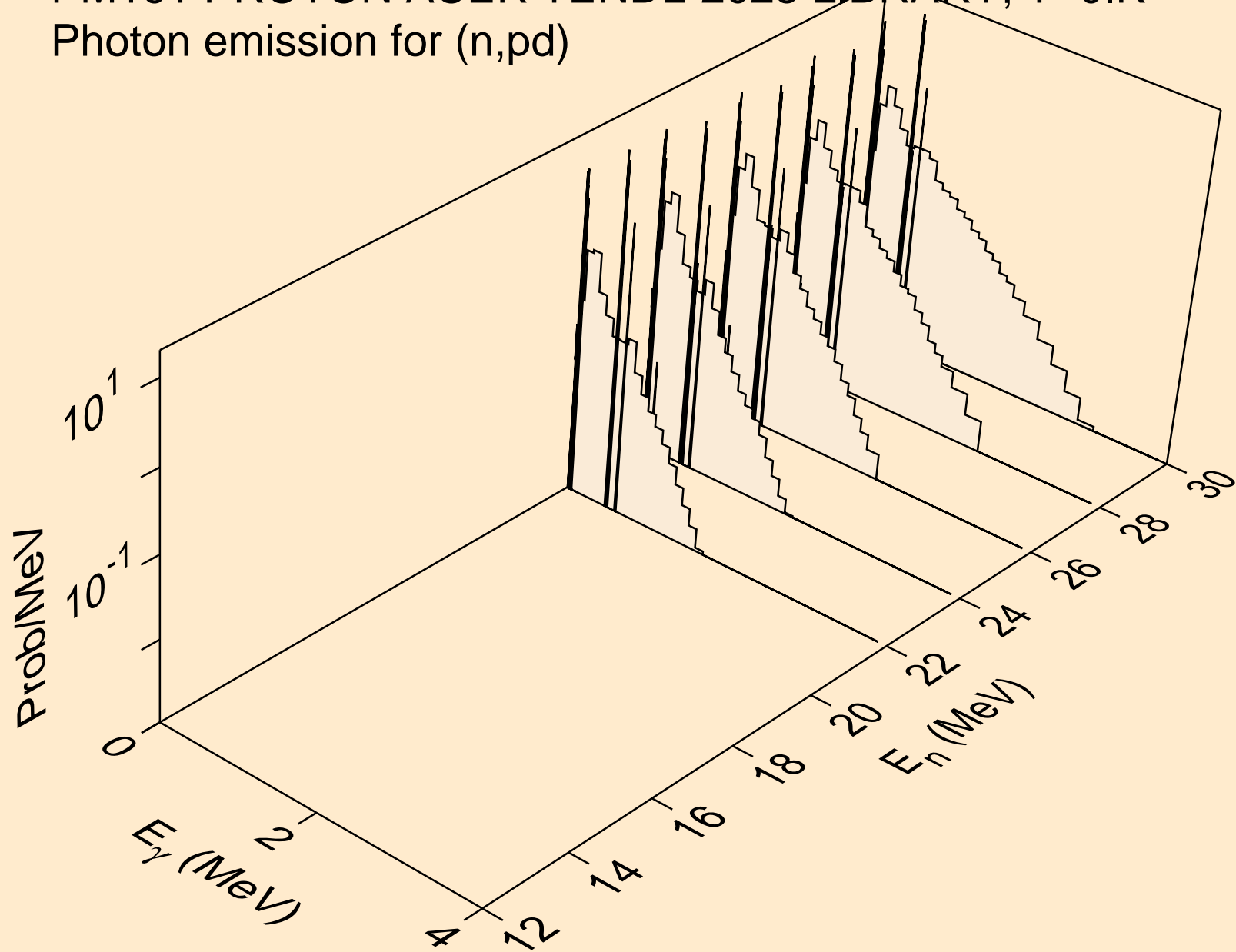




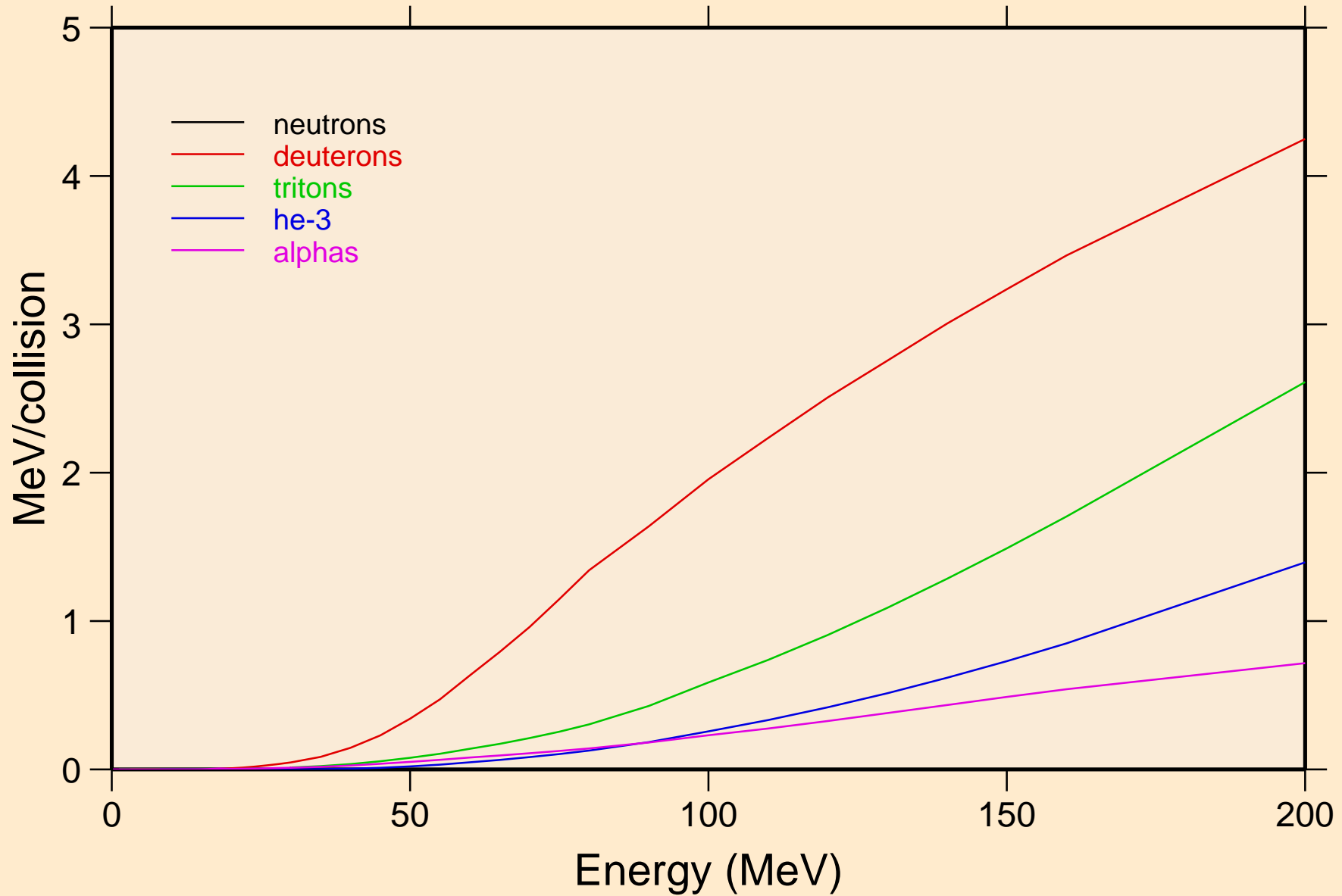
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Photon emission for (n,2p)



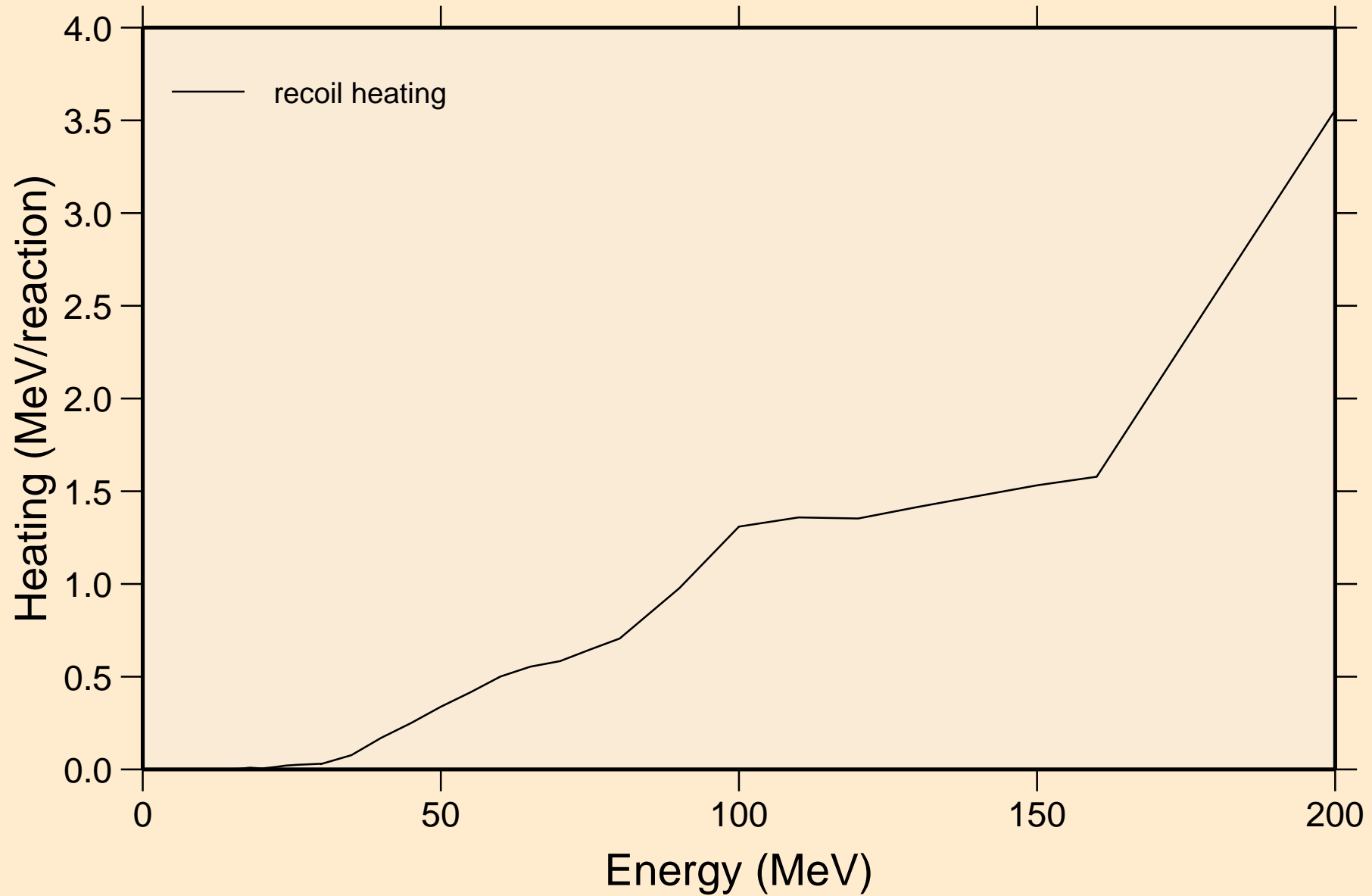
PM161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



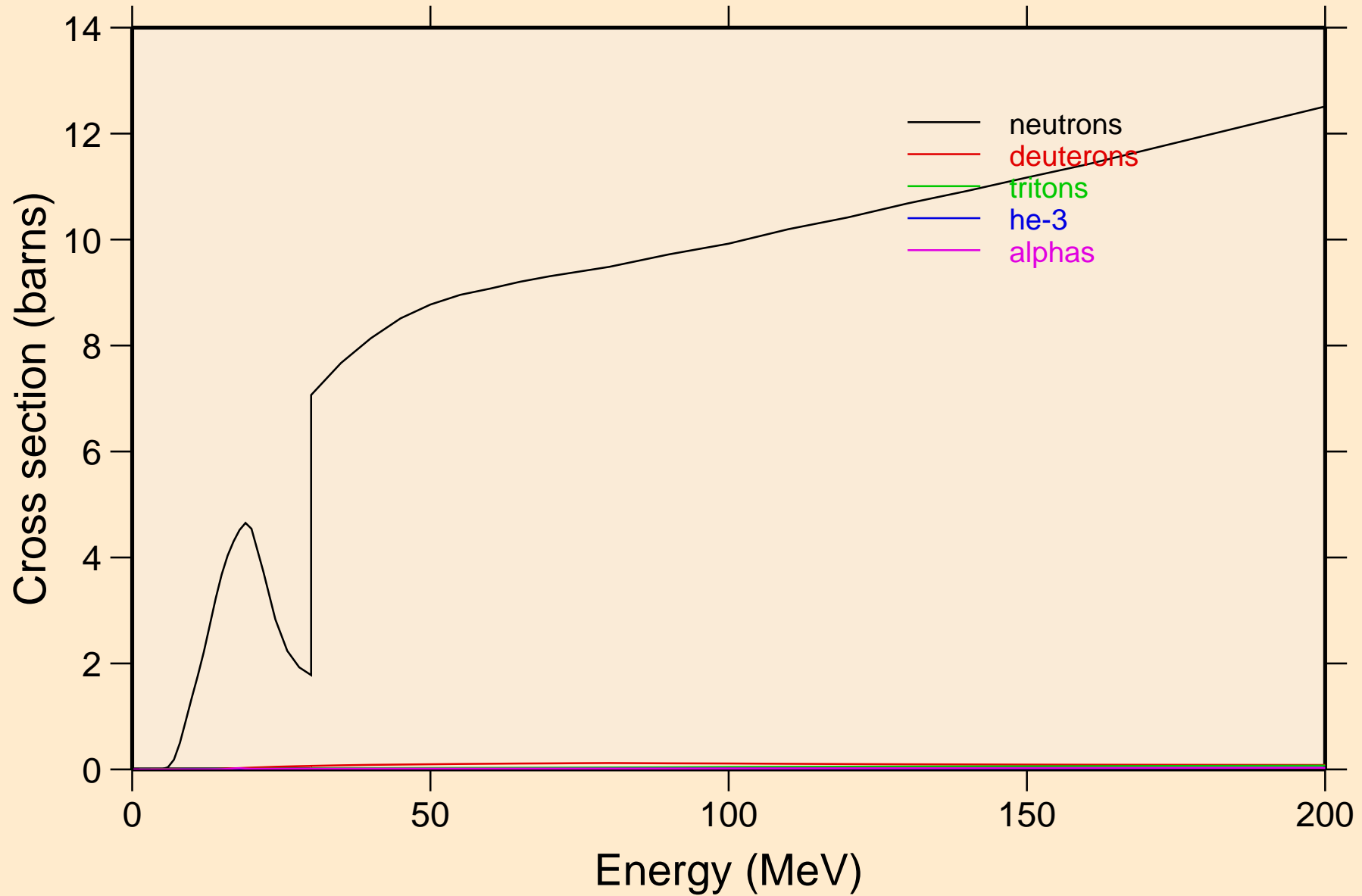
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Particle heating contributions



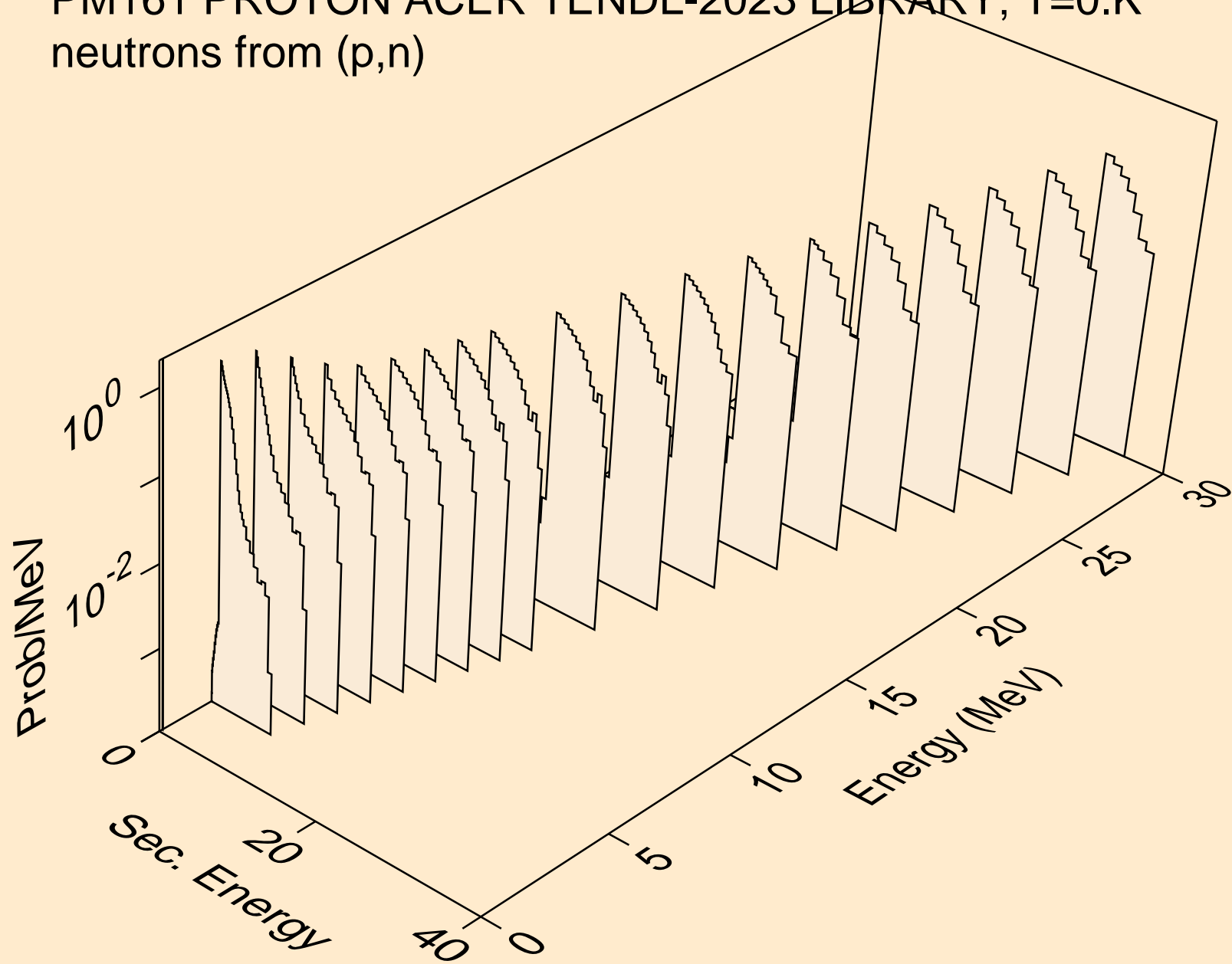
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Recoil Heating



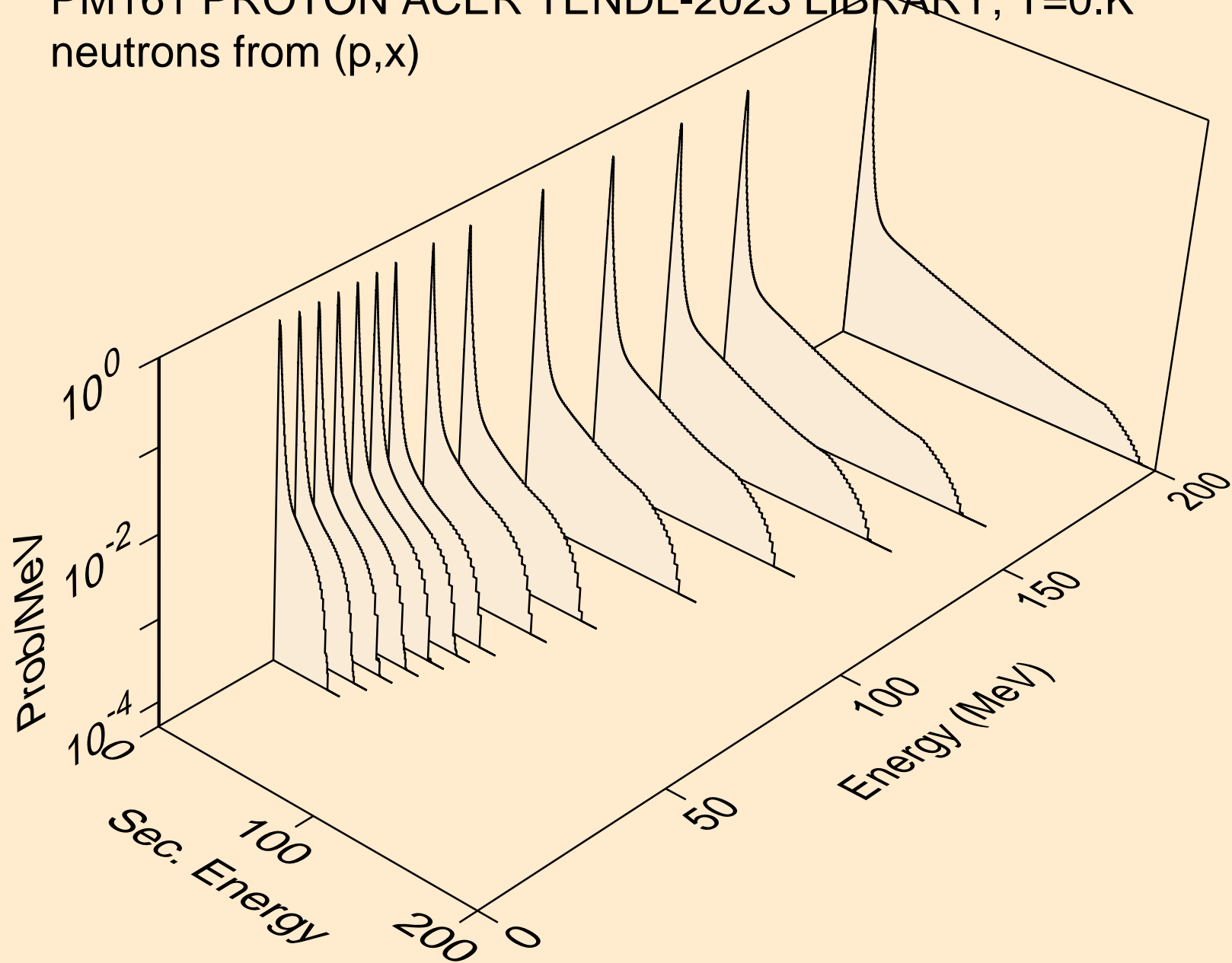
PM161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



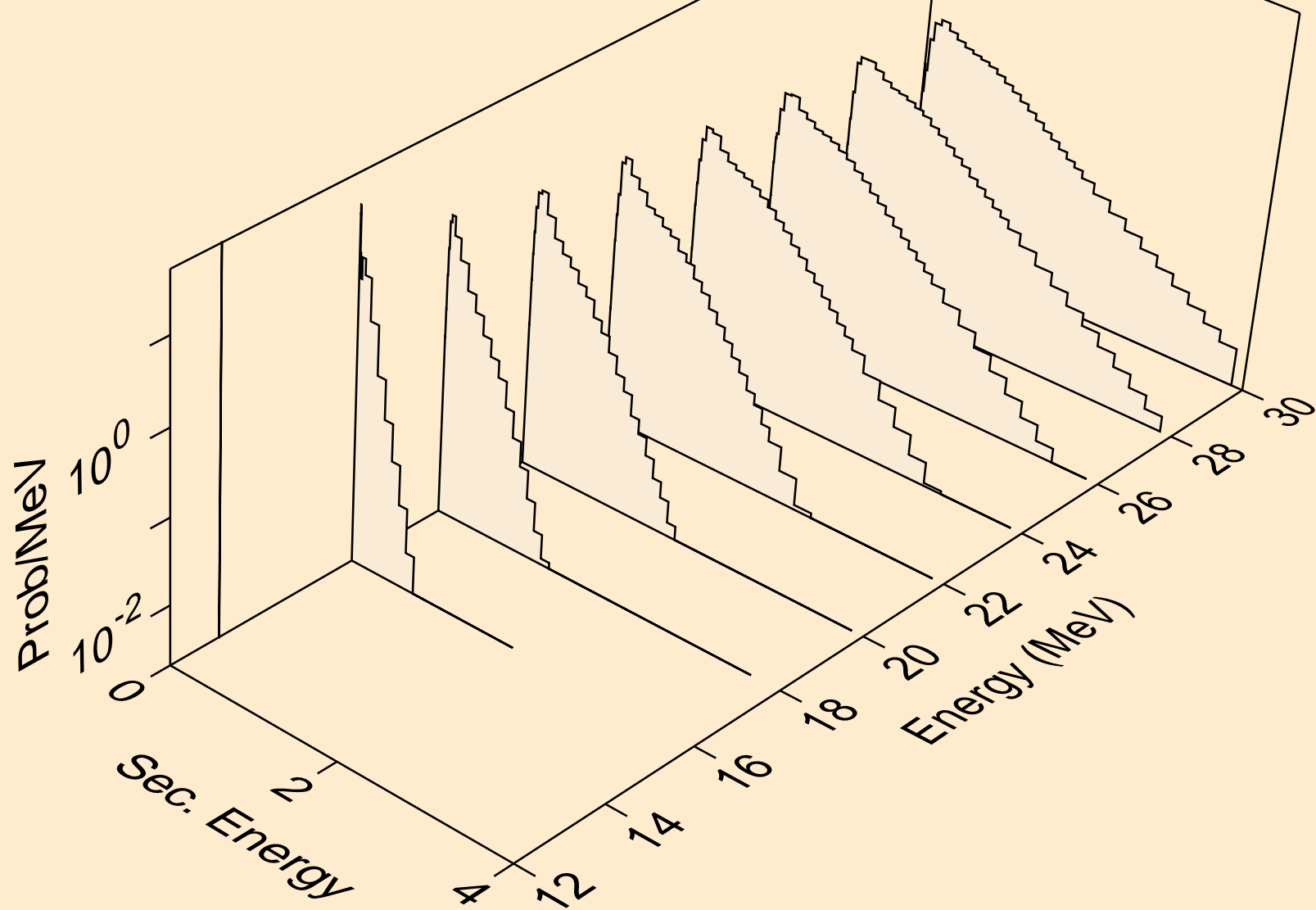
PM161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



PM161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)

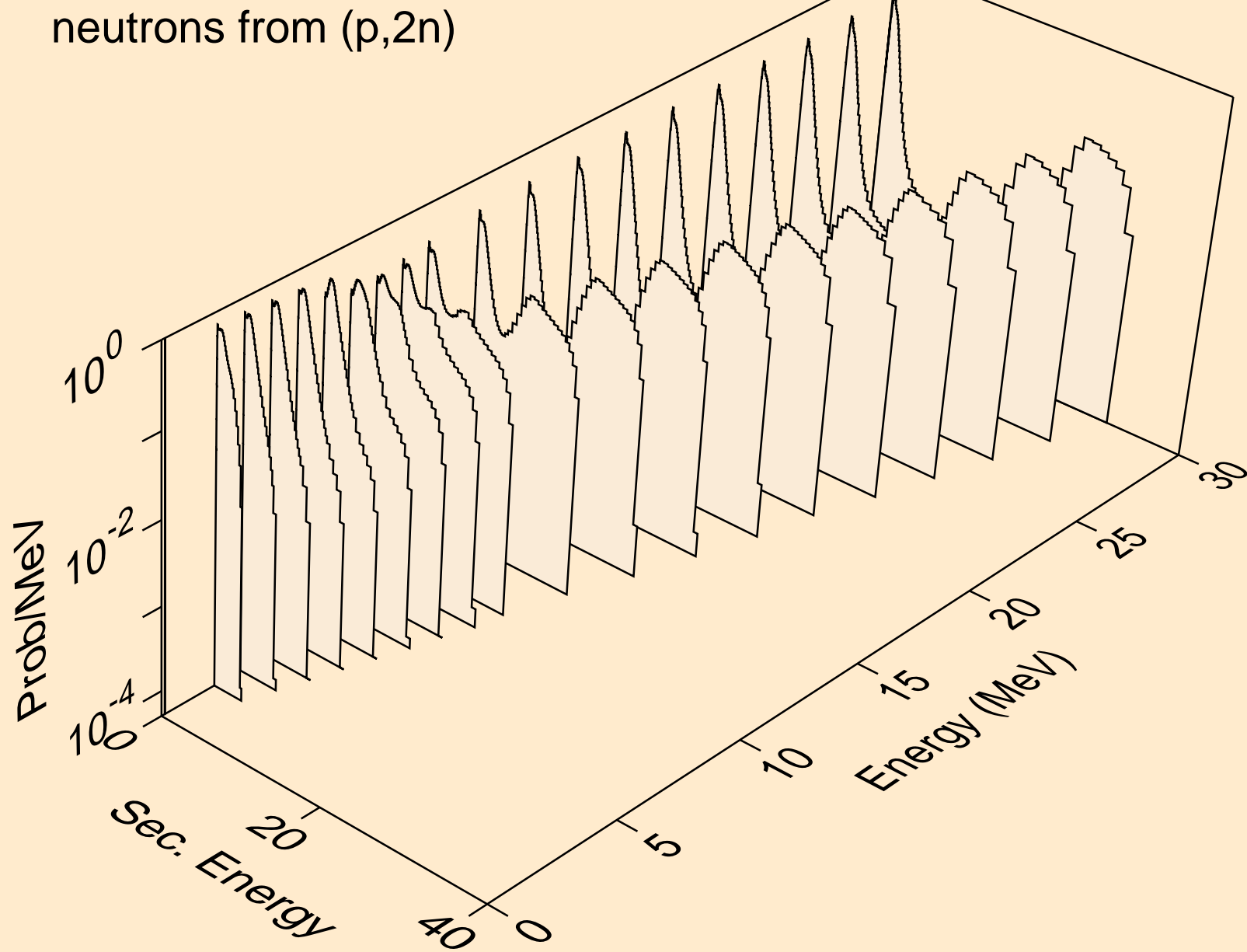


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neutrons from (p,2nd)

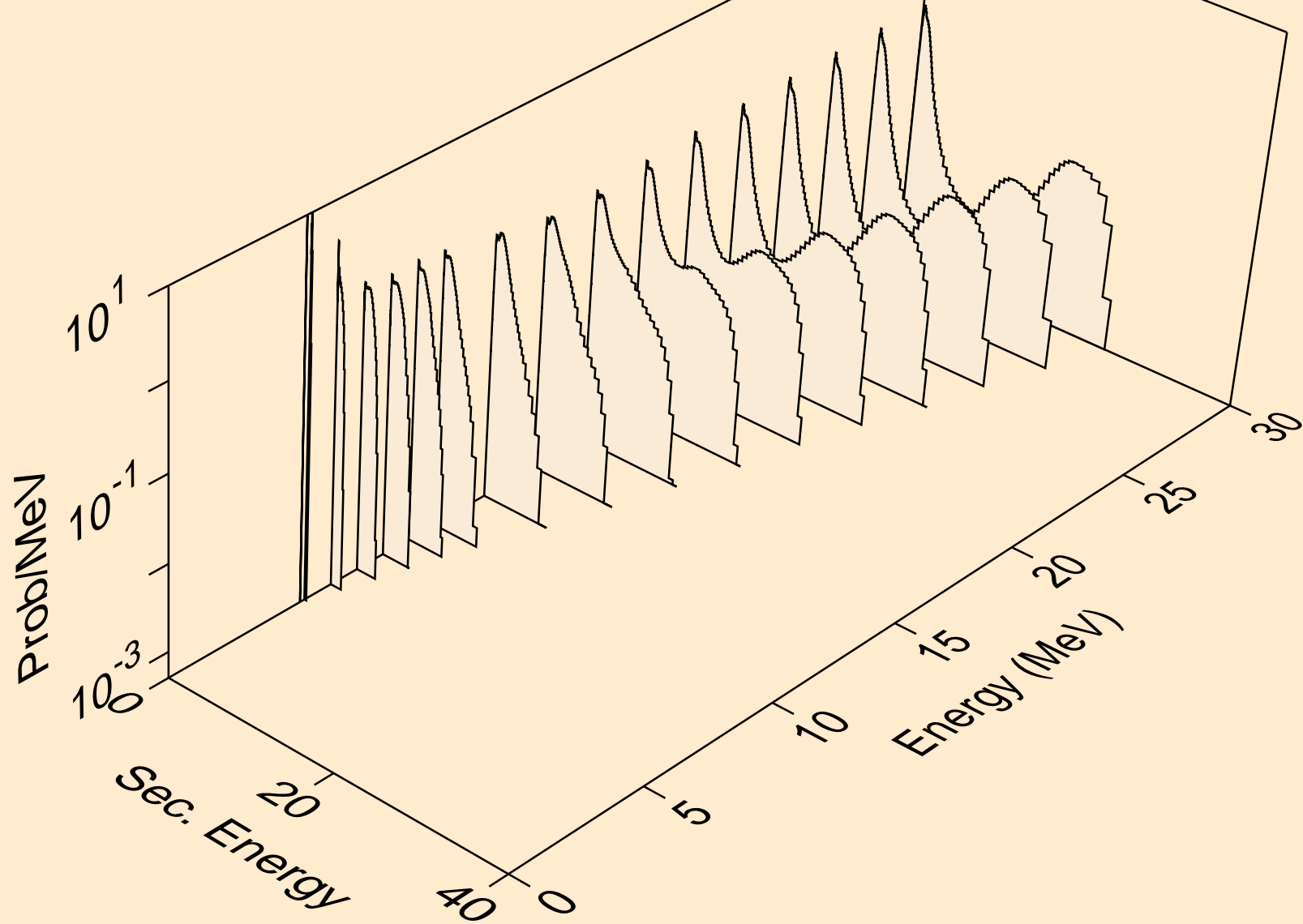




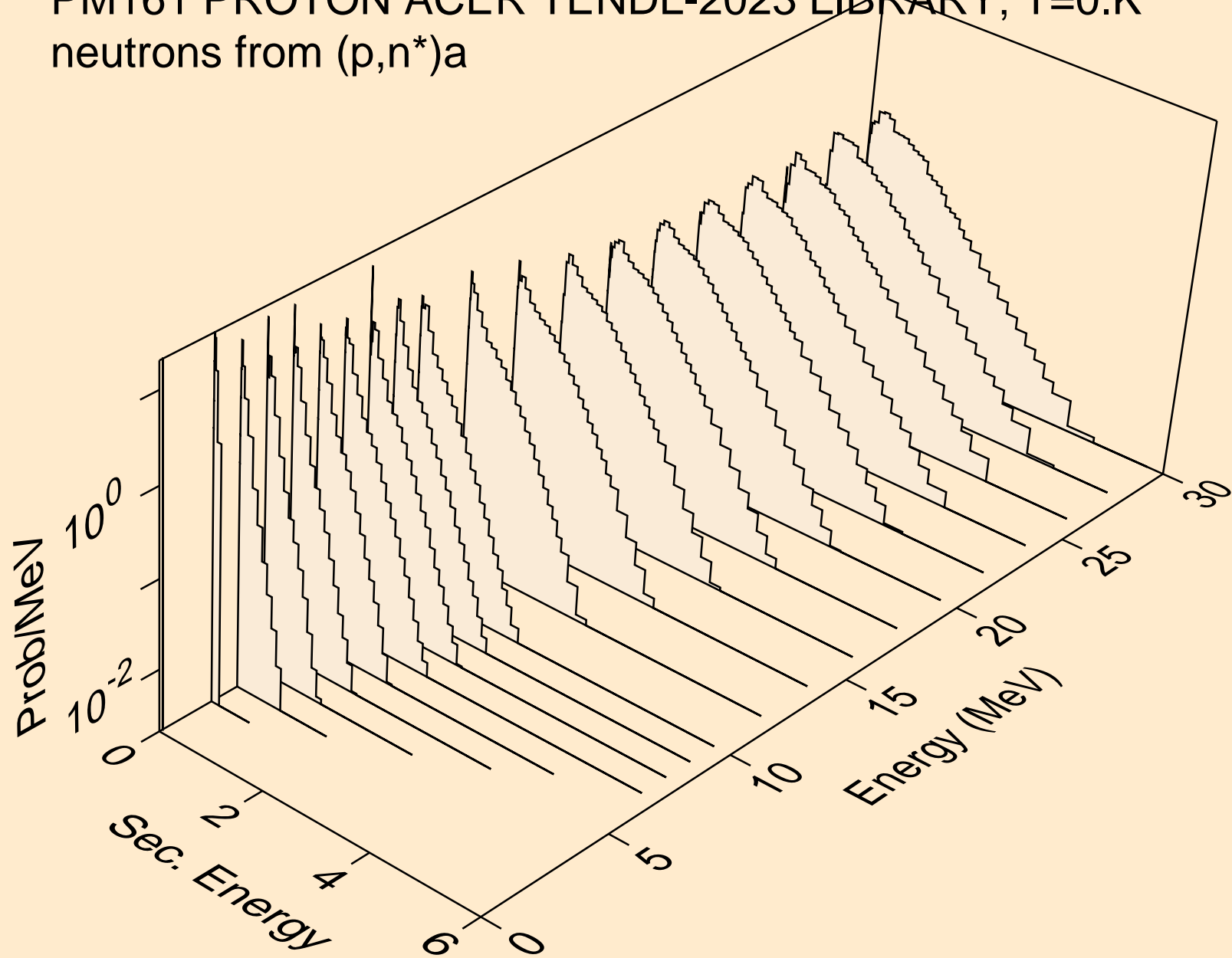
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neutrons from (p,2n)



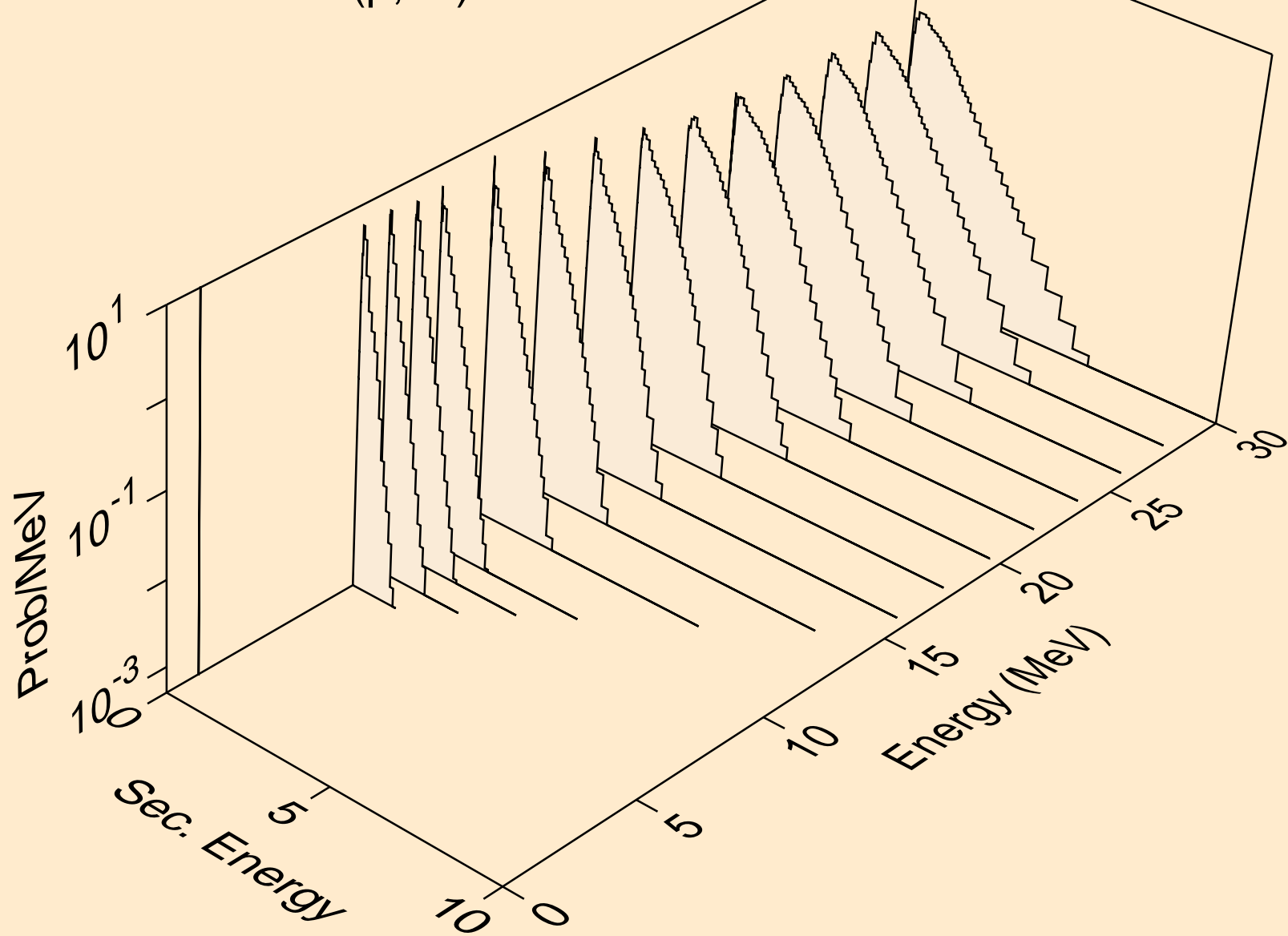
PM161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)



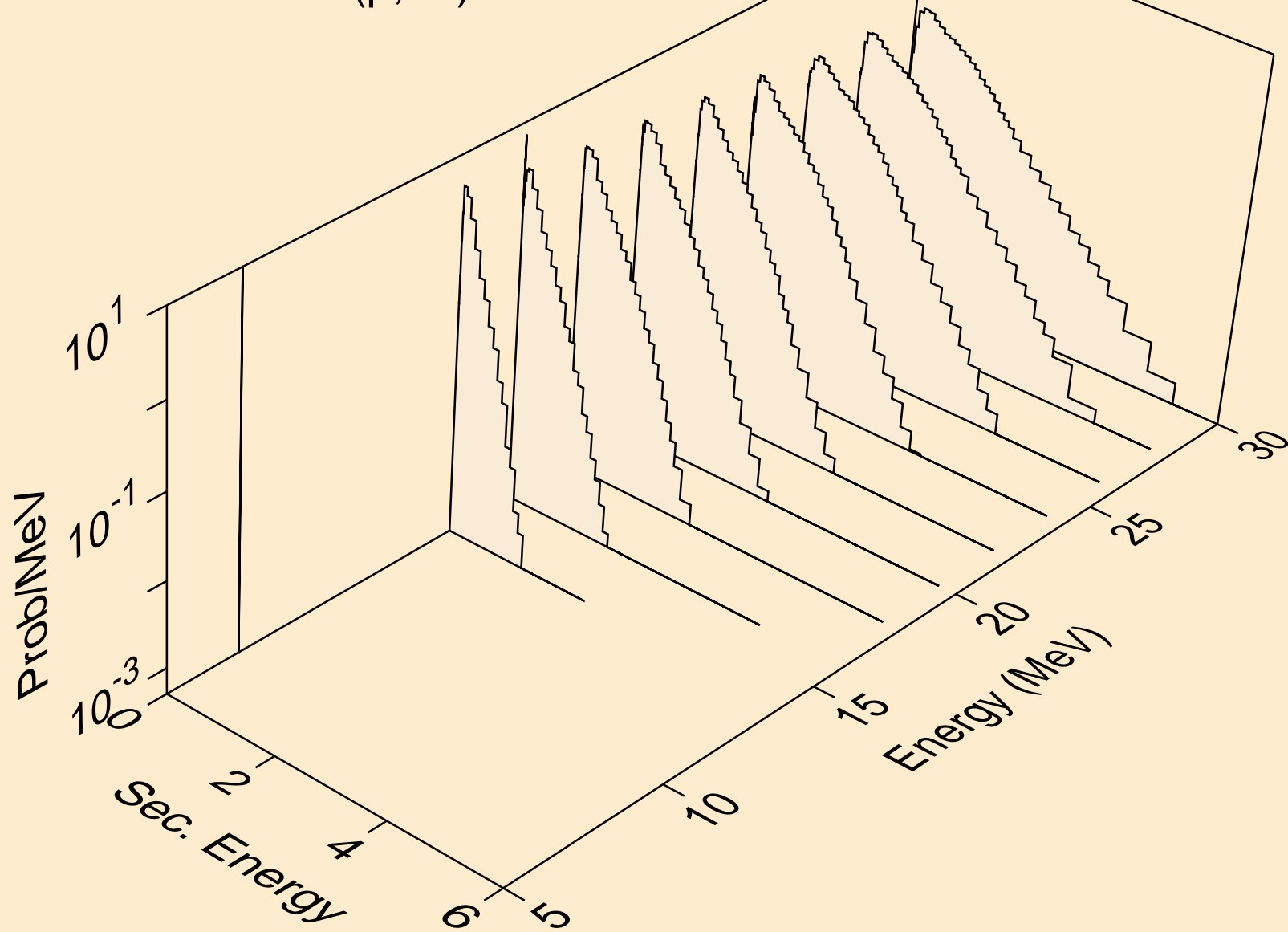
PM161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



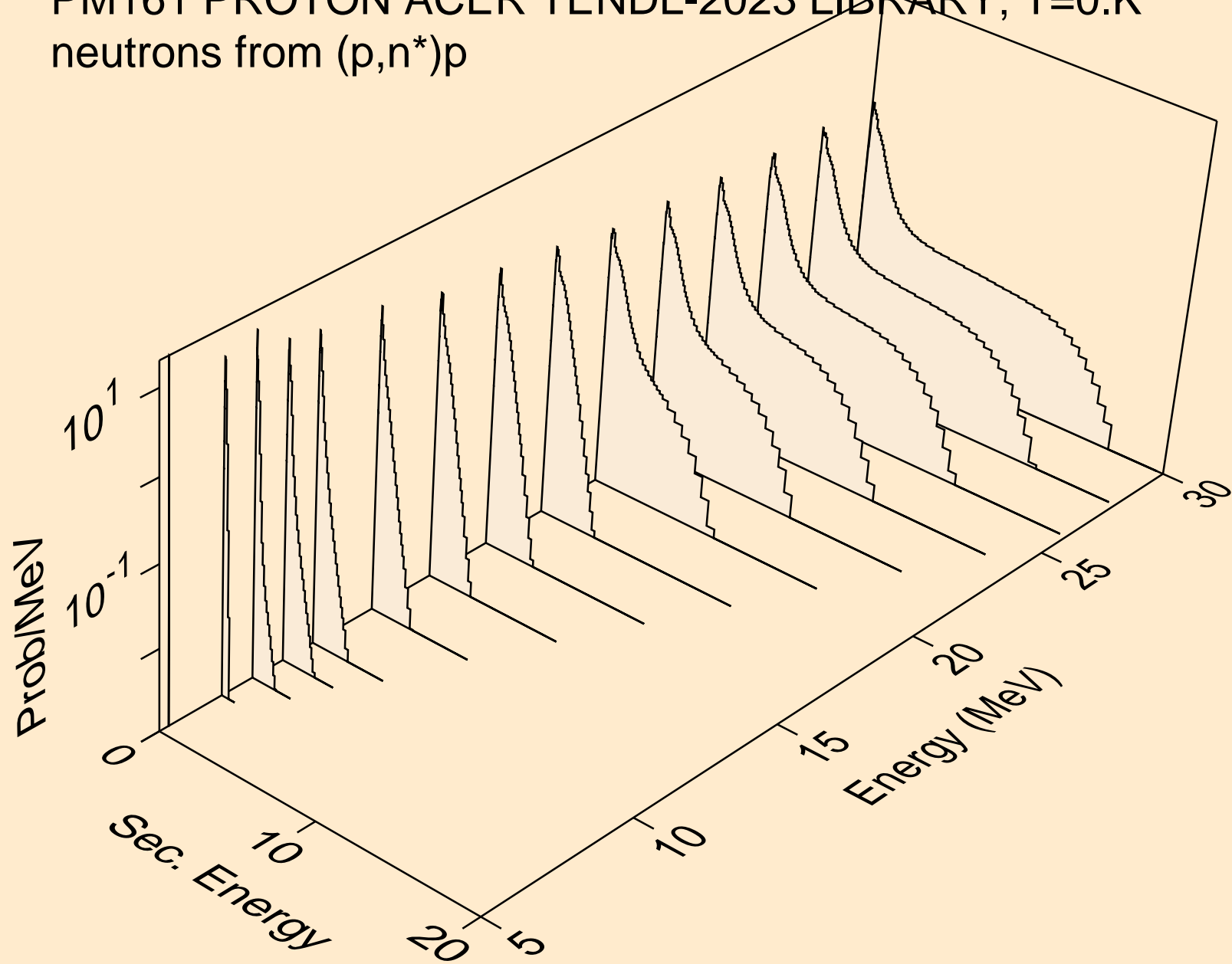
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neutrons from (p,2n)a



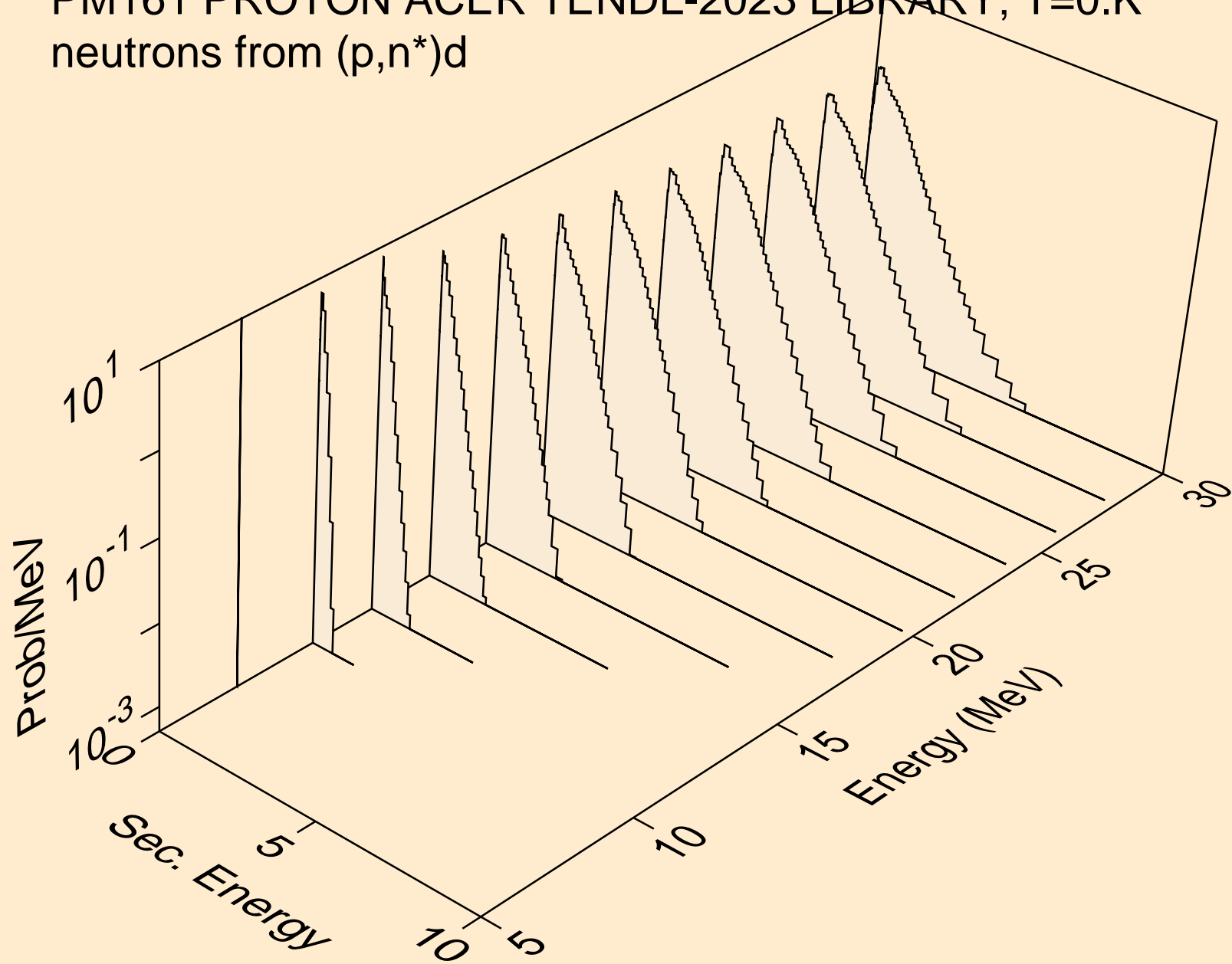
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neutrons from (p,3n)a



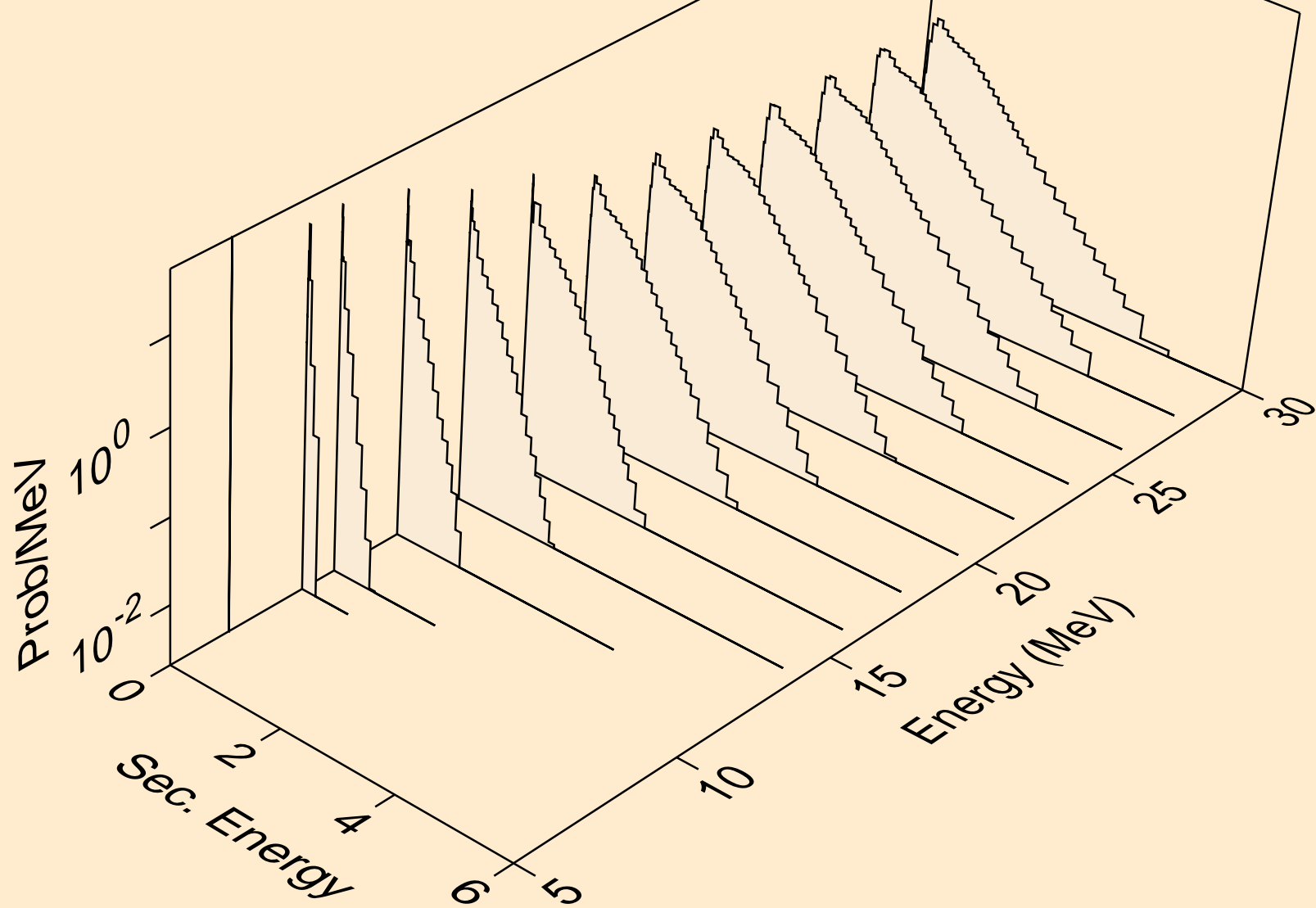
PM161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)p



PM161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)d

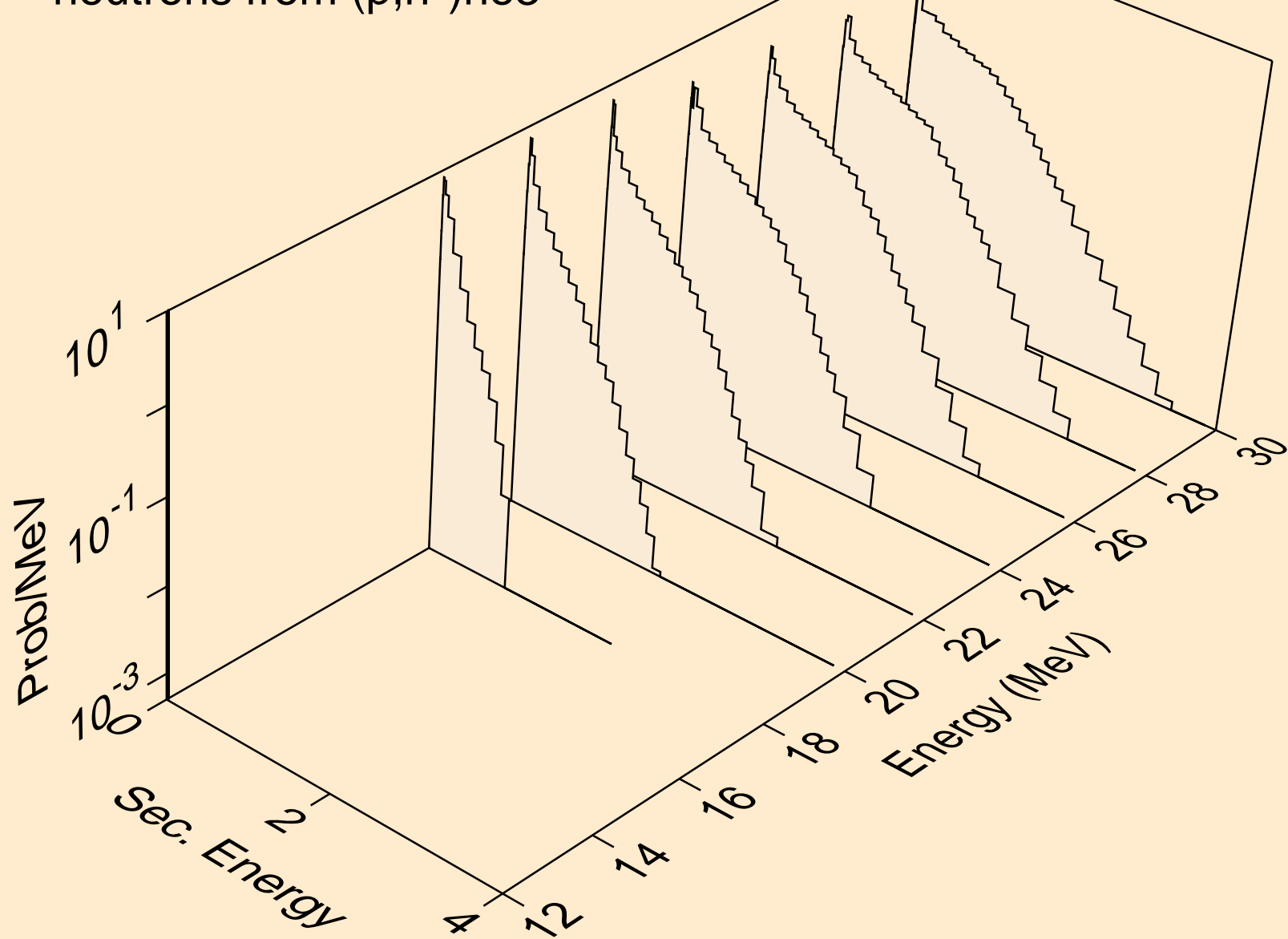


PM161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)t

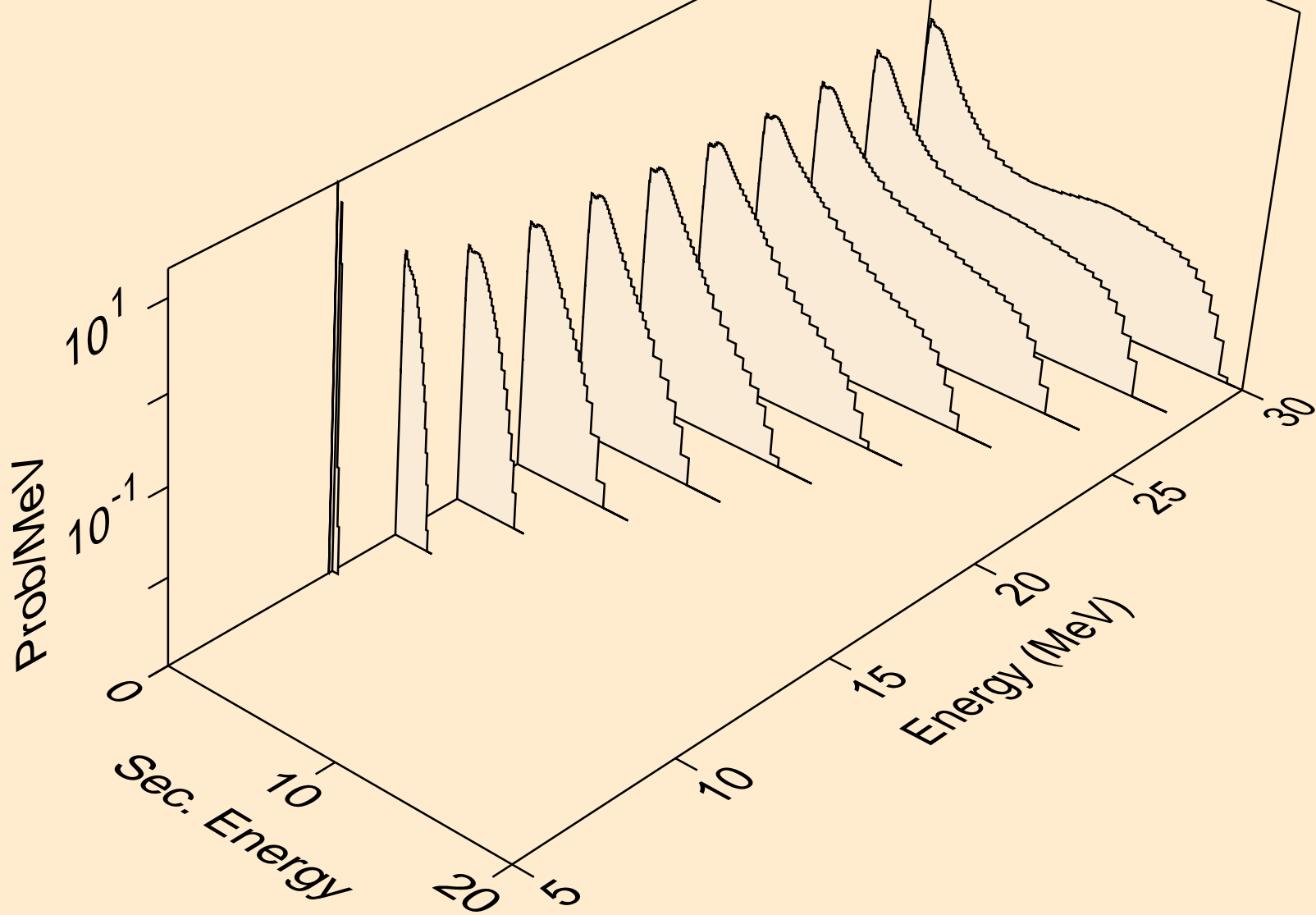




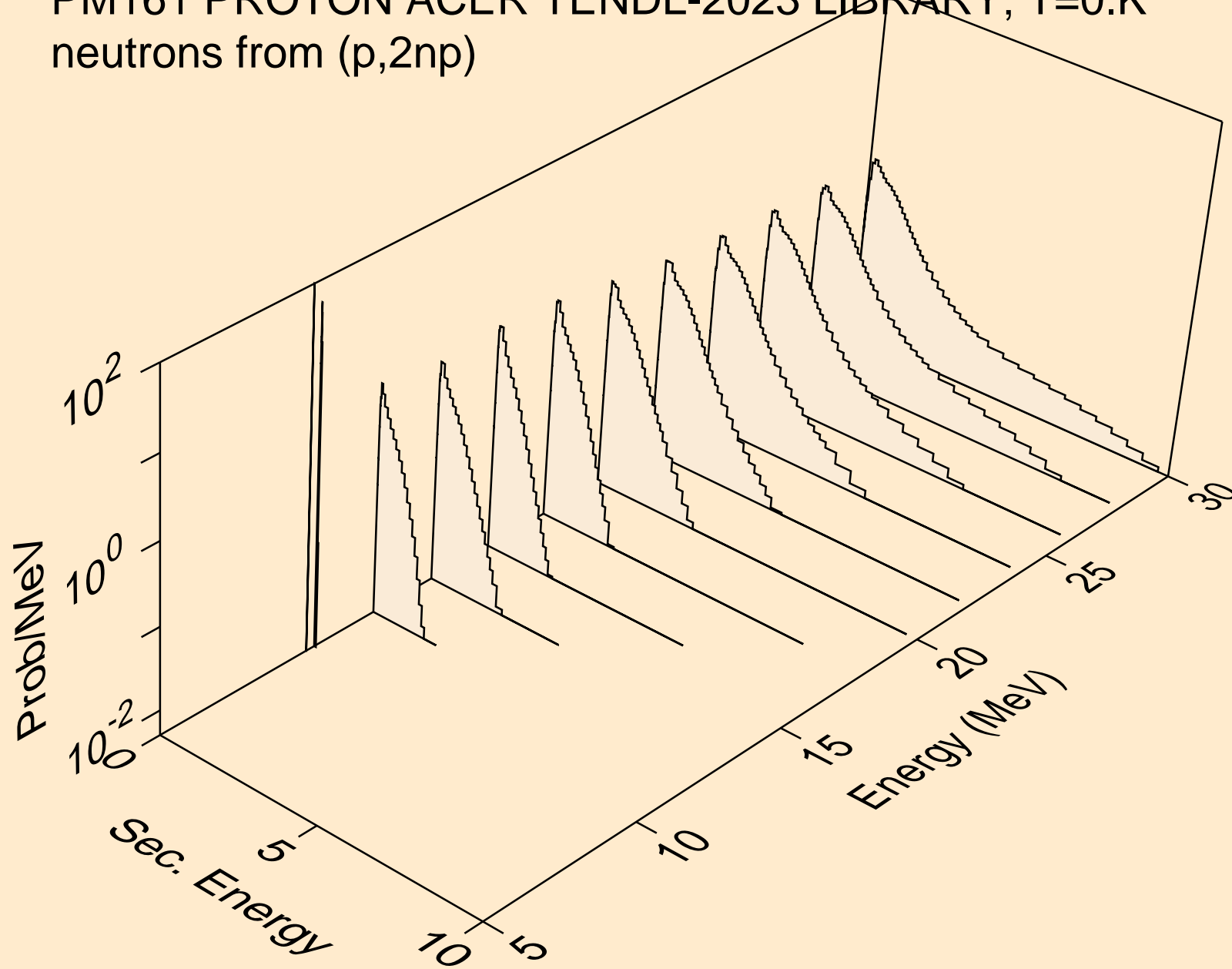
PM161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



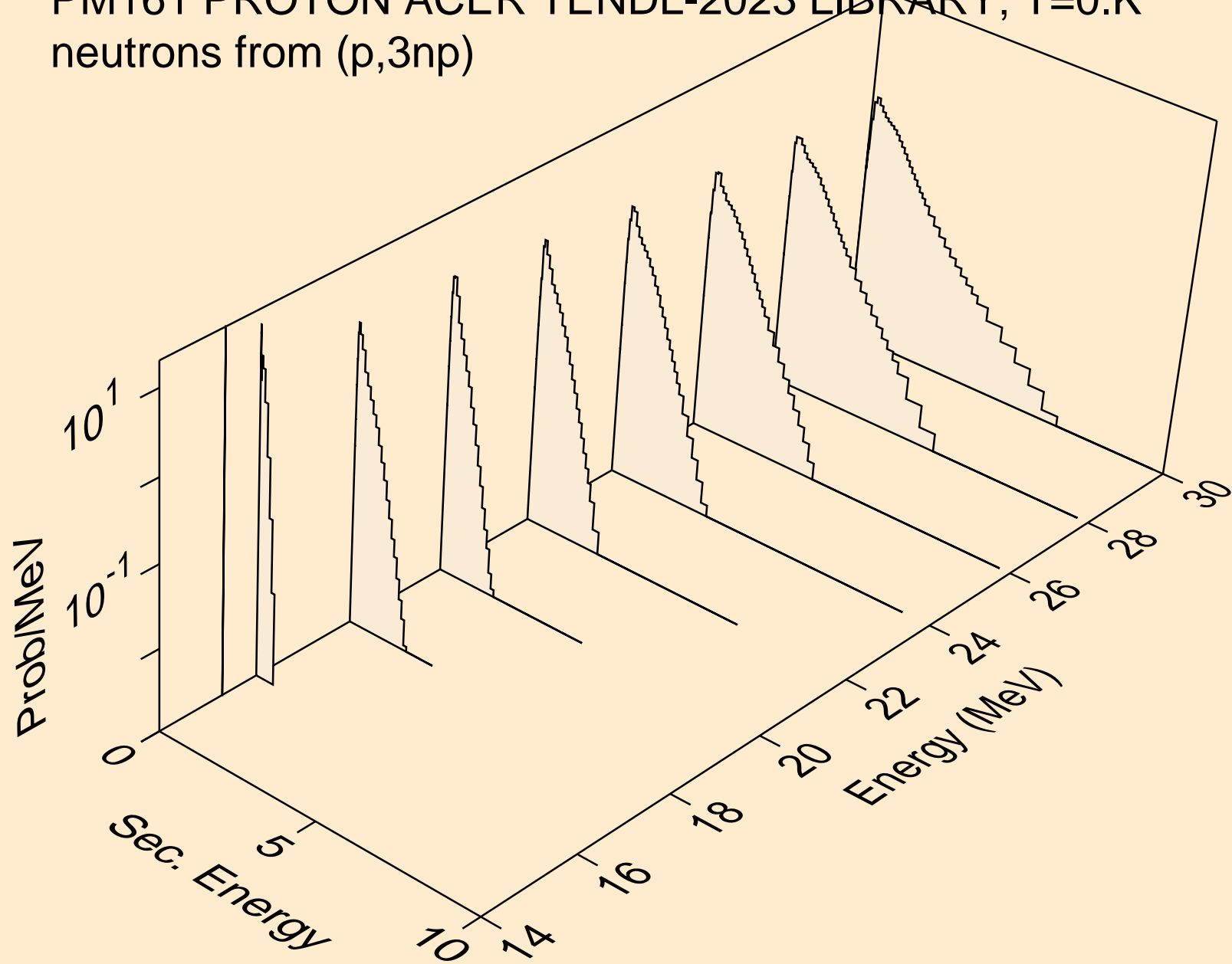
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neutrons from (p,4n)



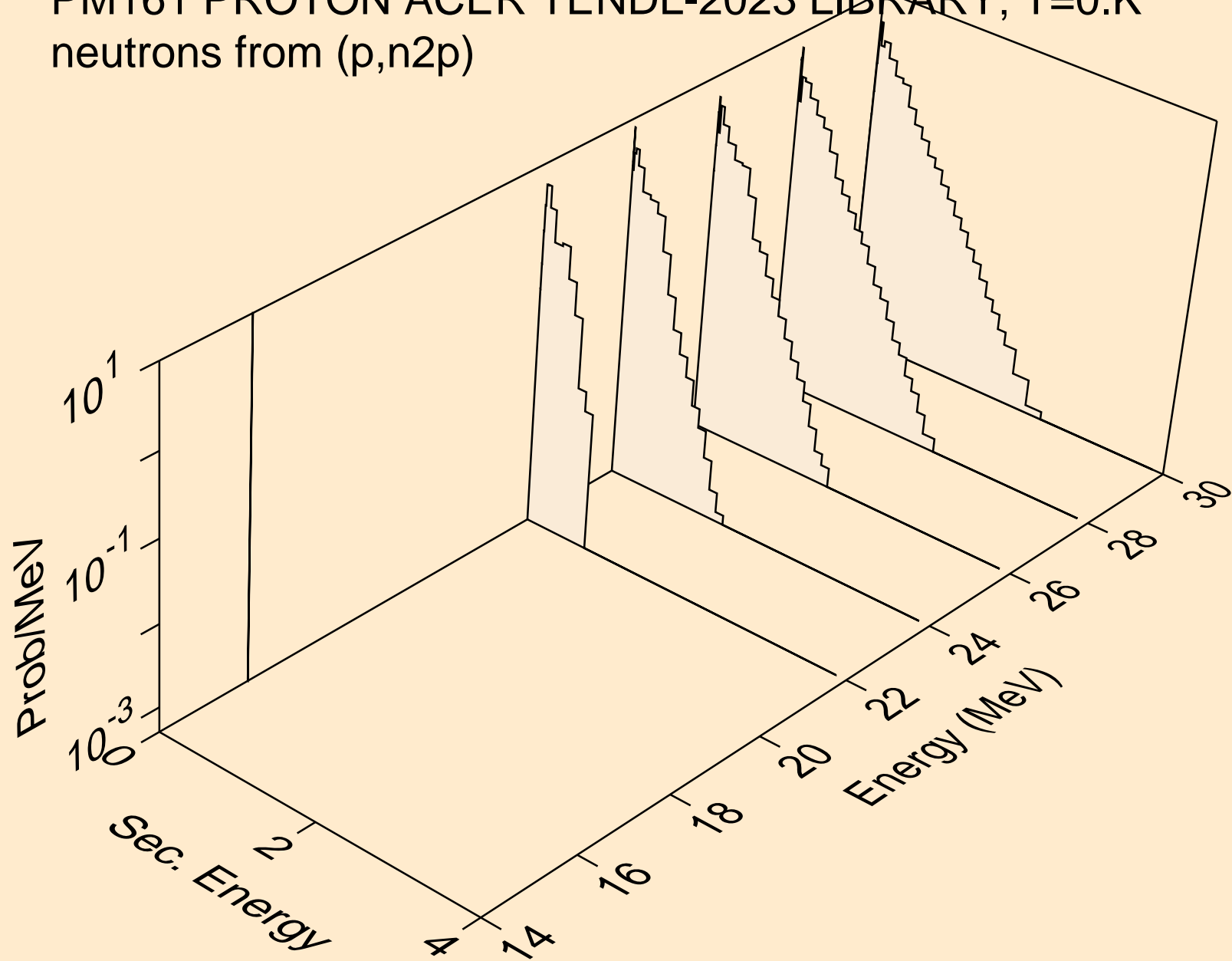
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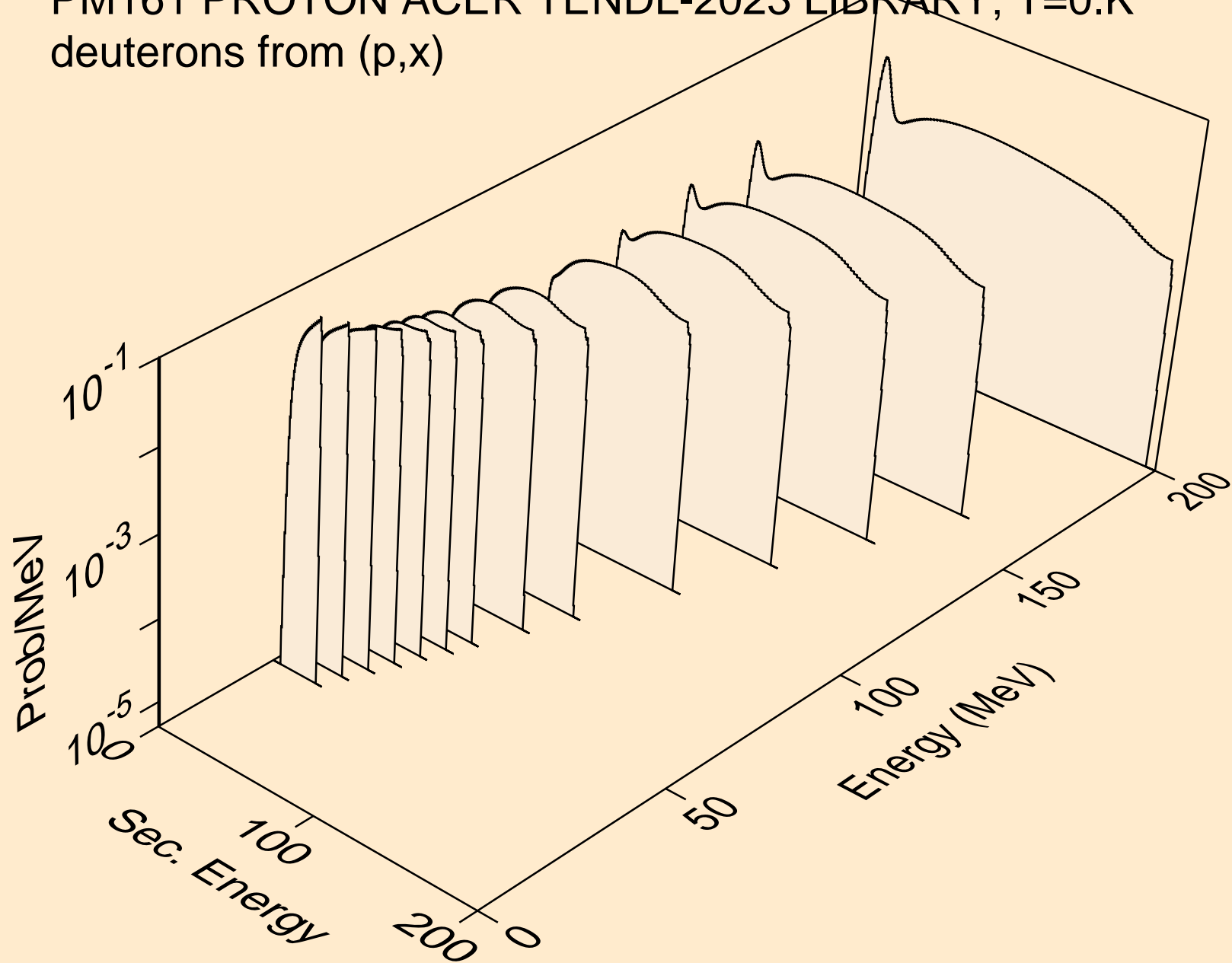
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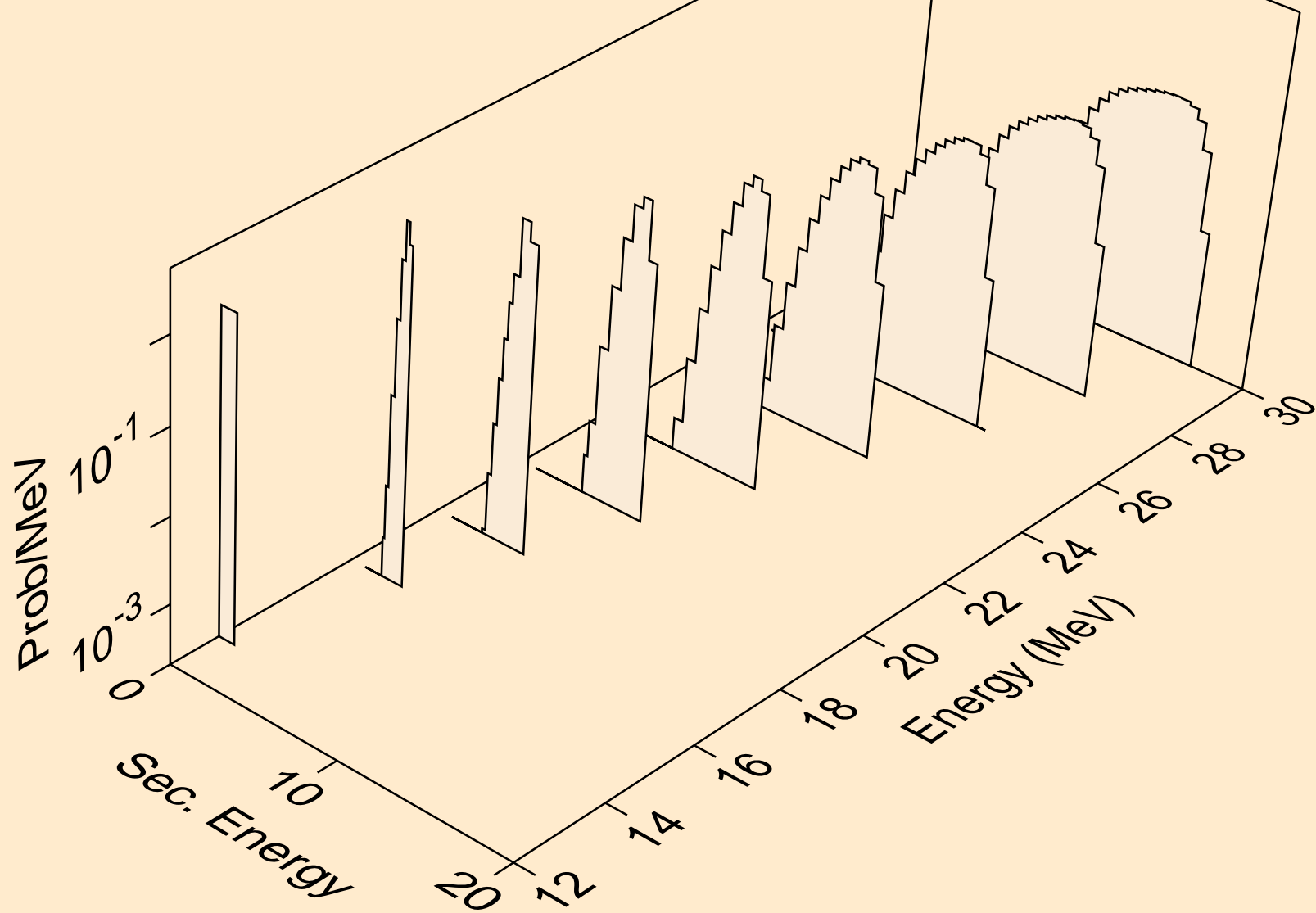
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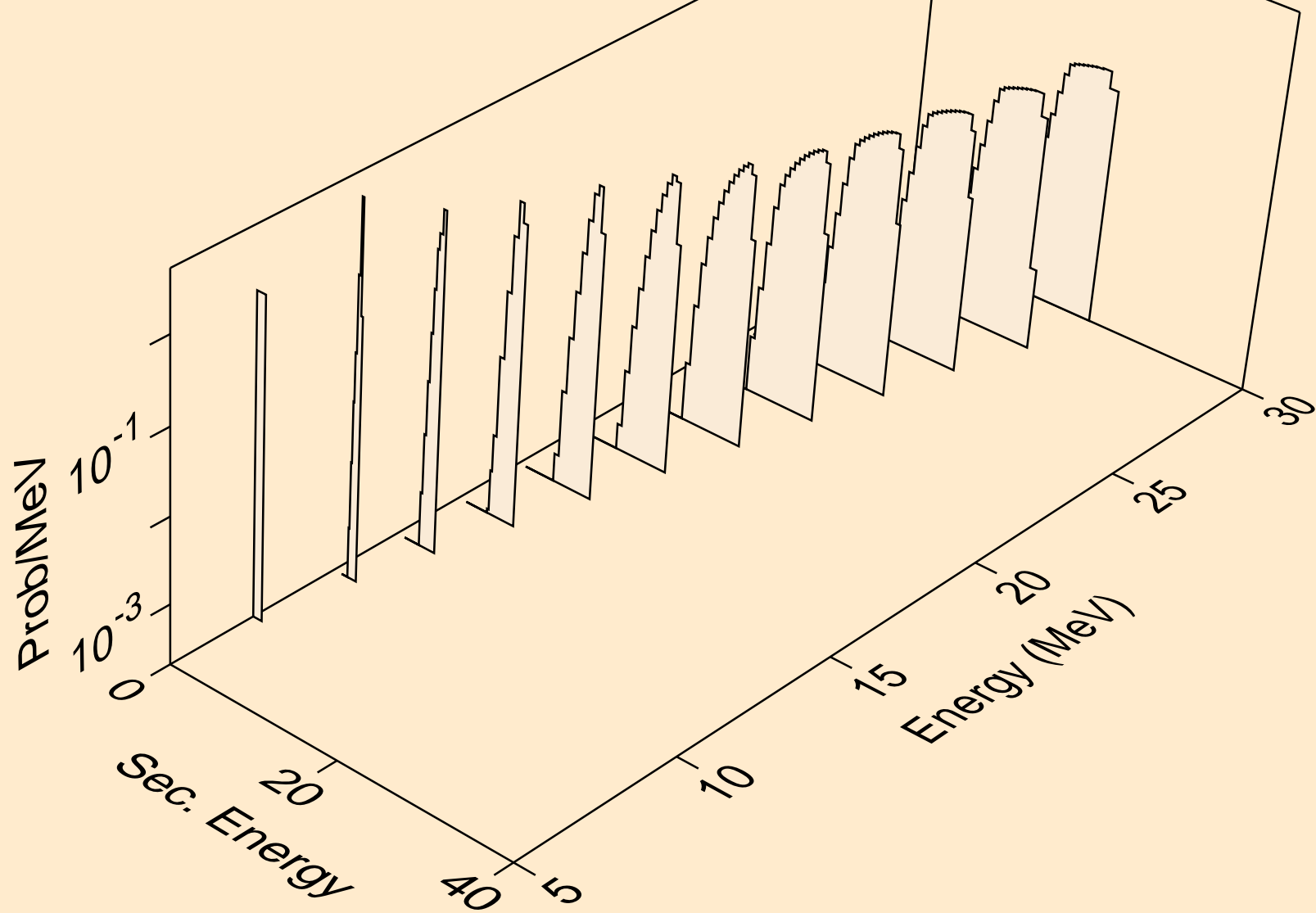
PM161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,x)



PM161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,2nd)

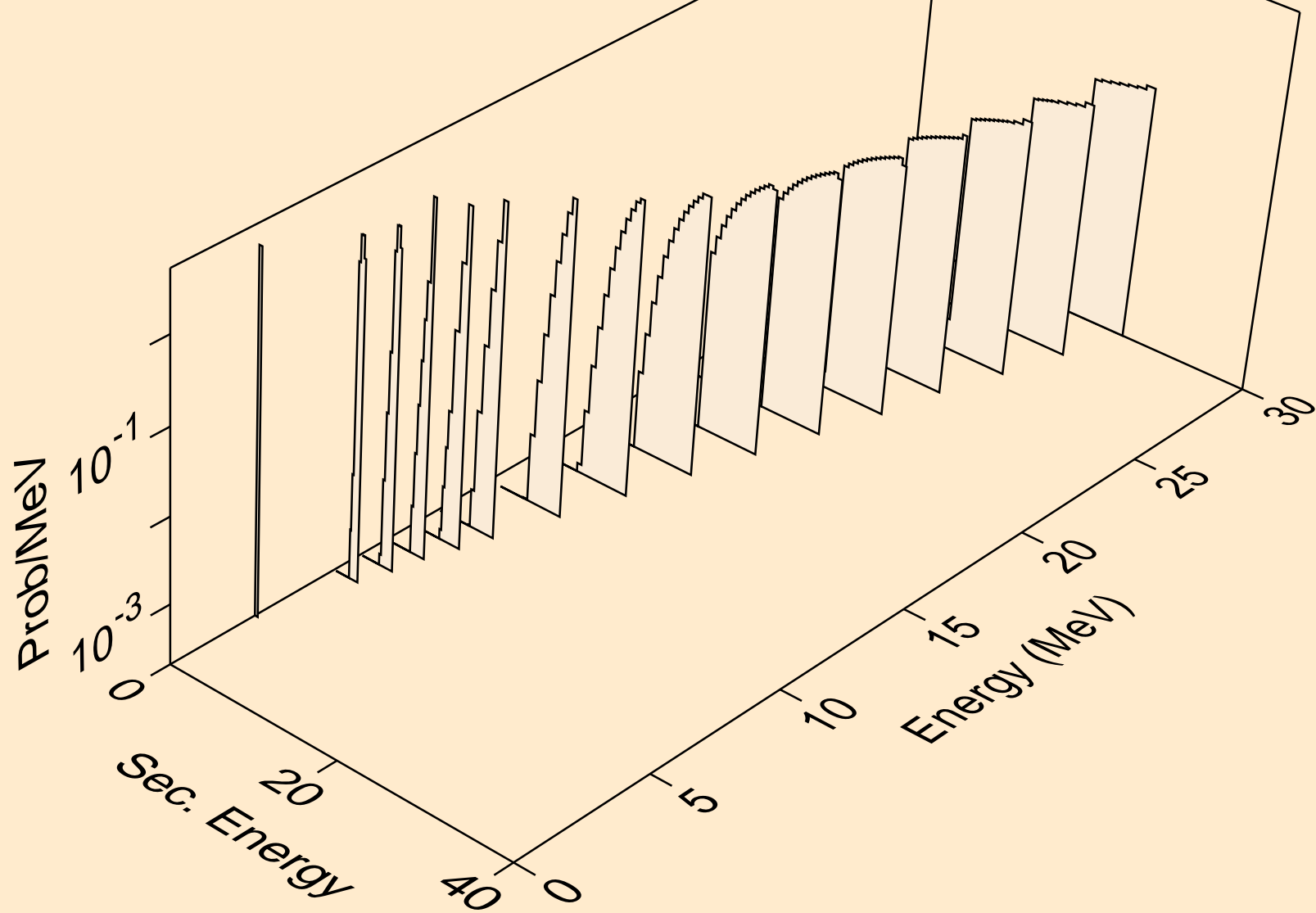


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deuterons from (p,n\*)d

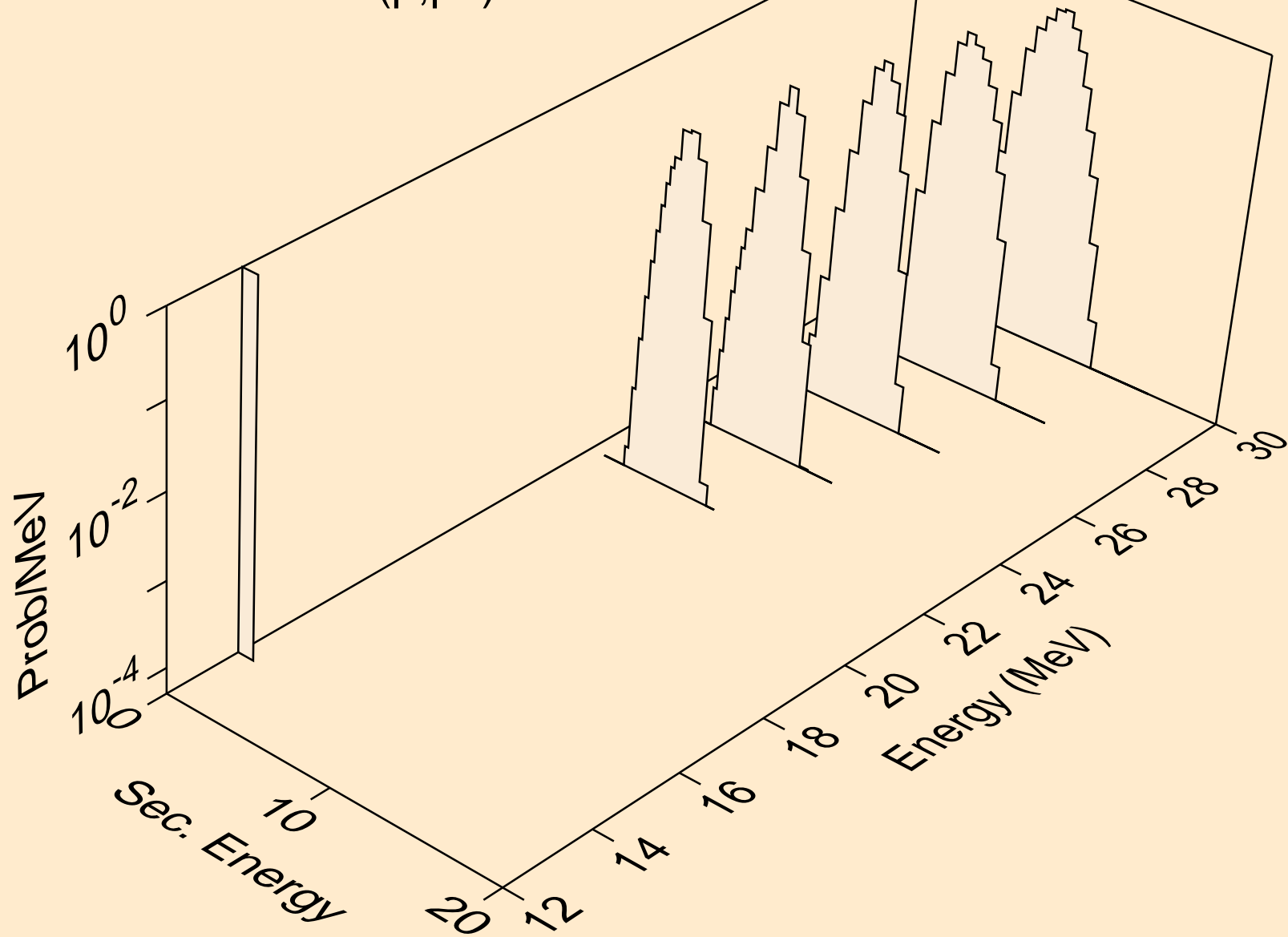




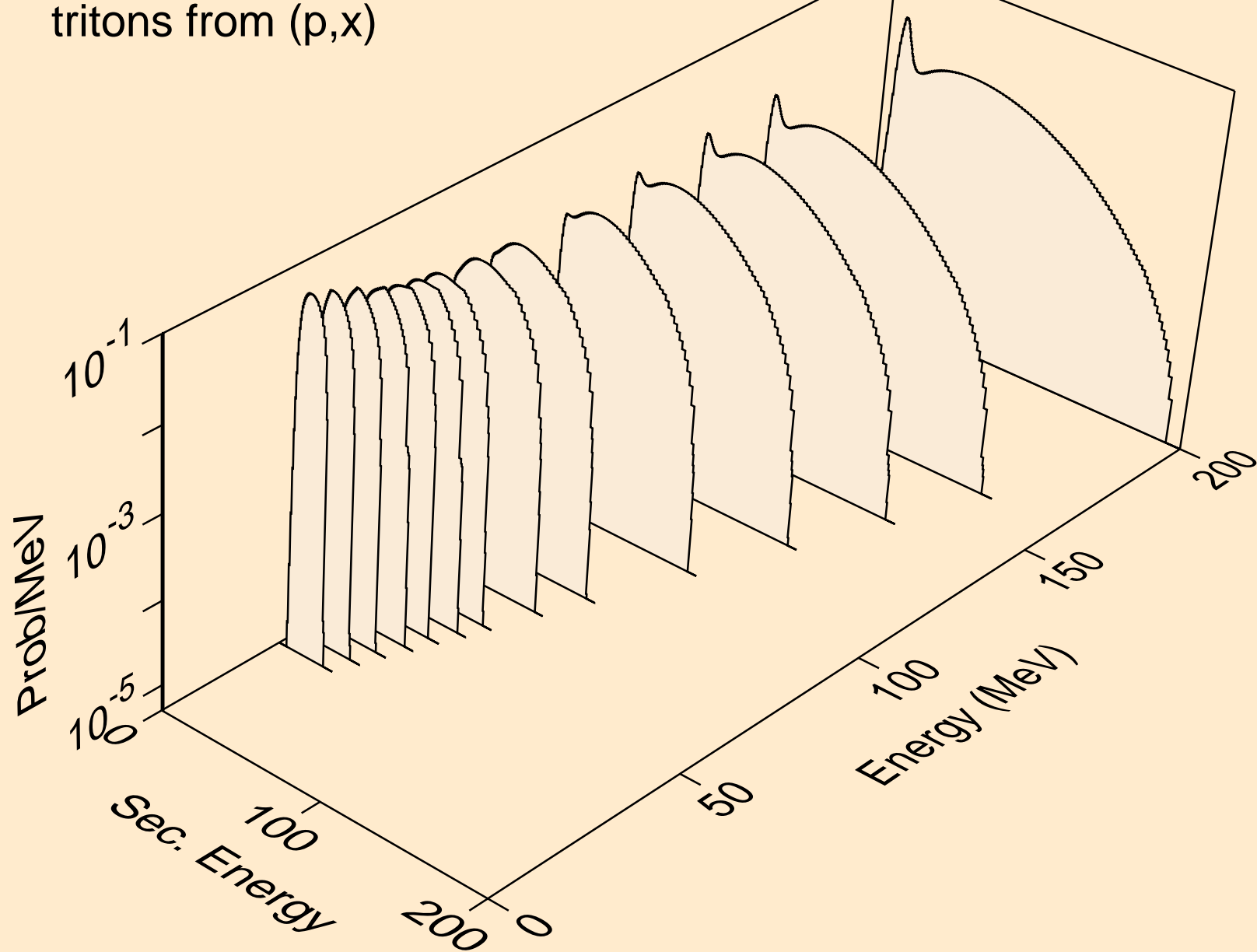
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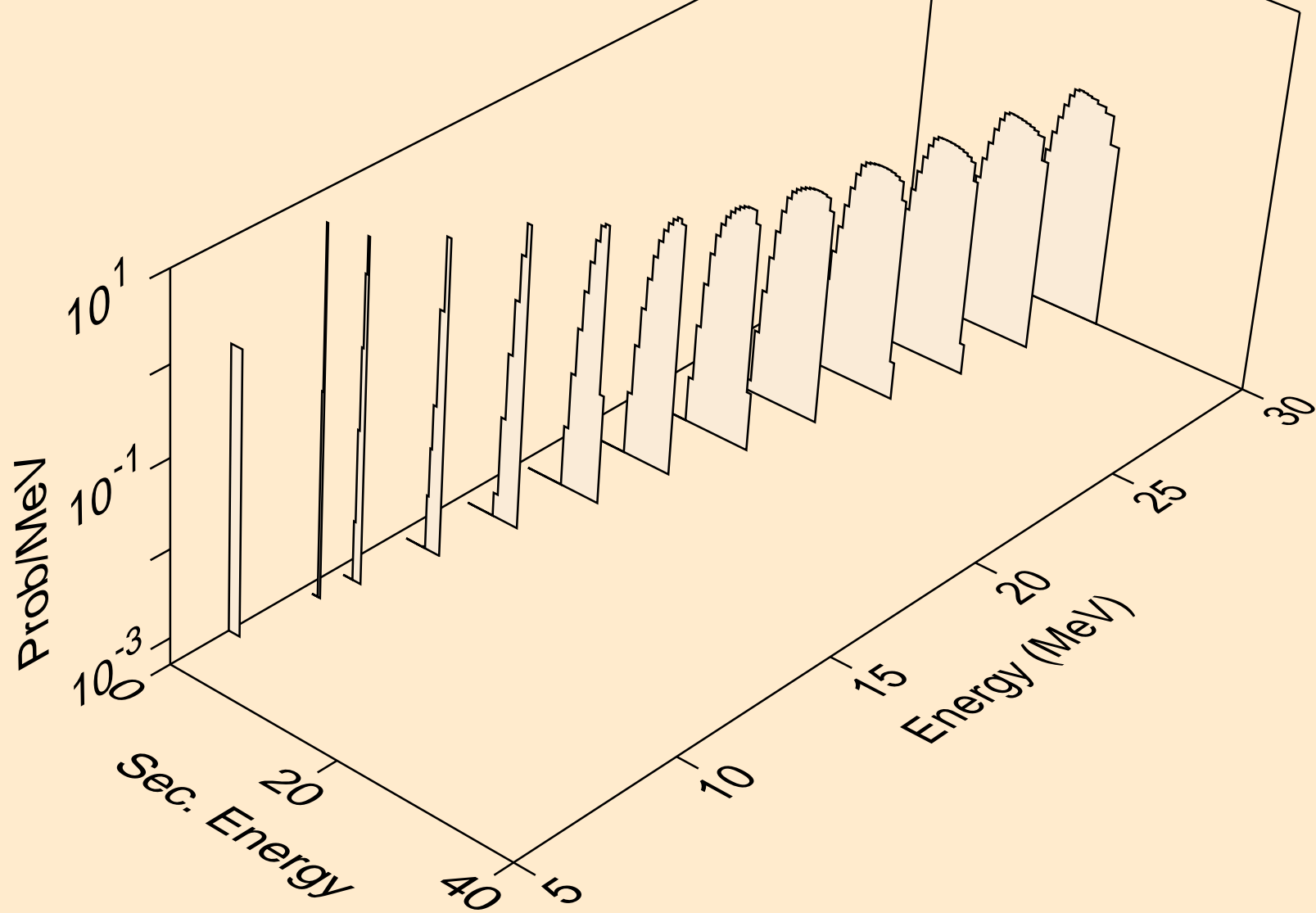
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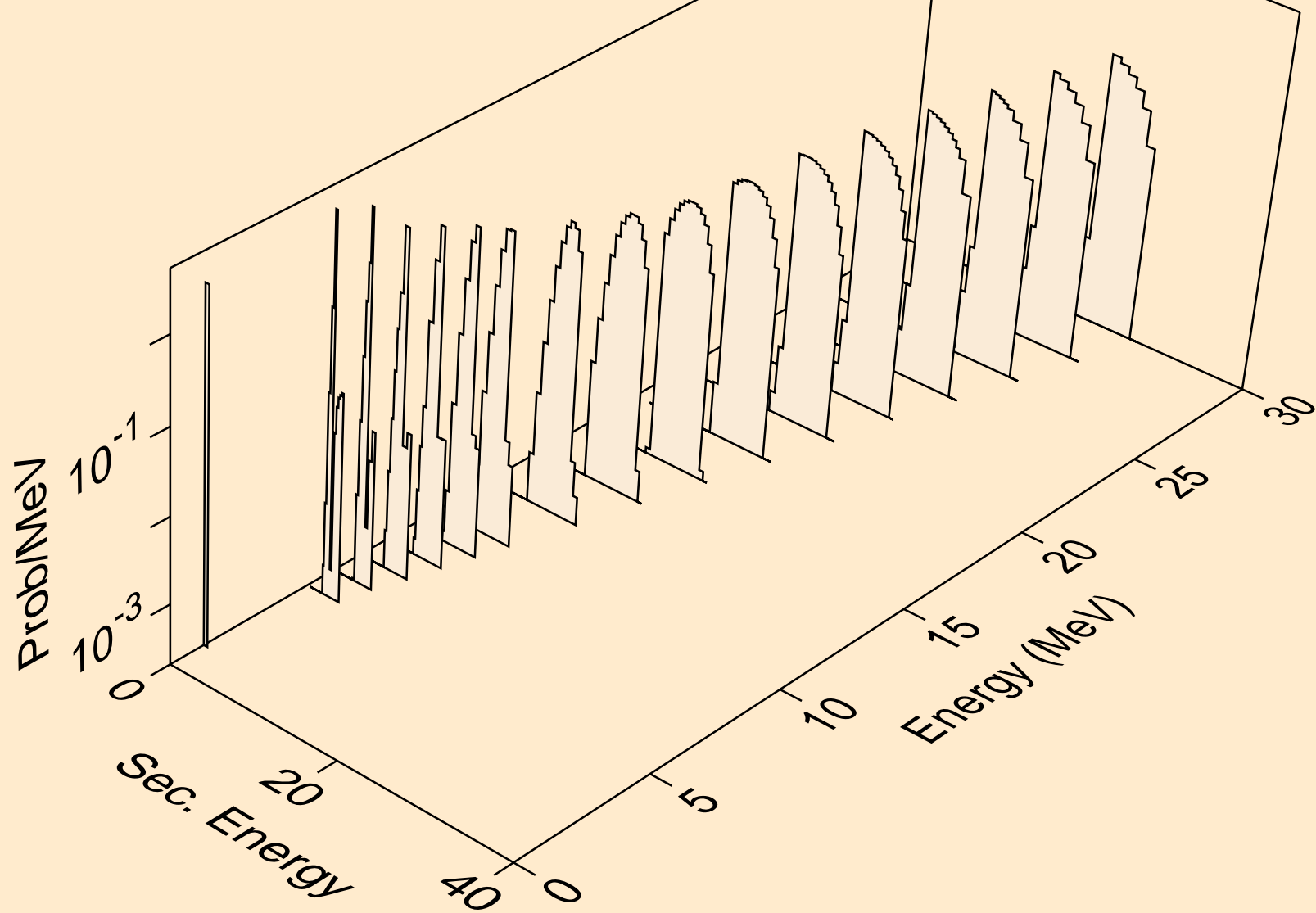
PM161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)



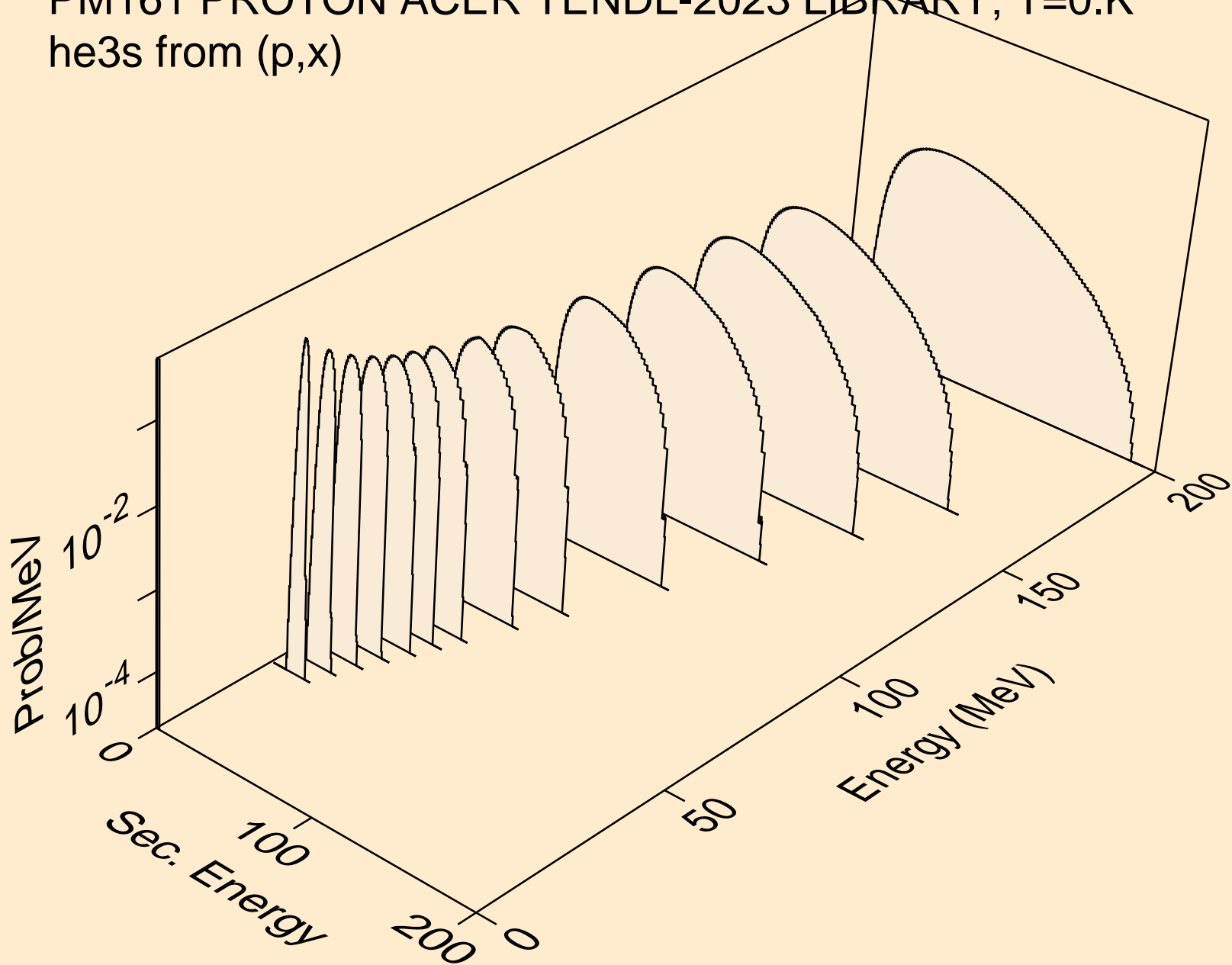
PM161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,n\*)t



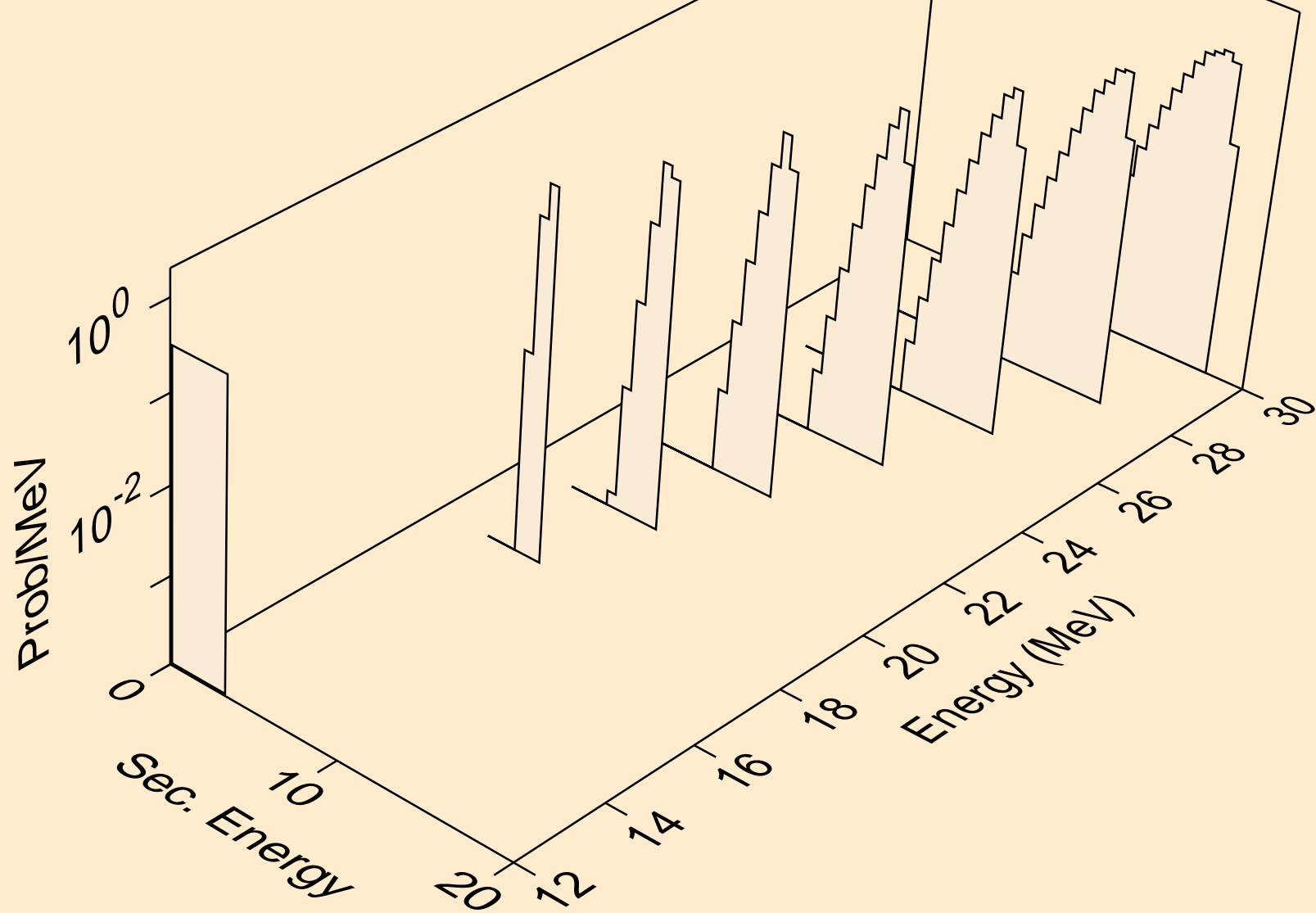
PM161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,t)



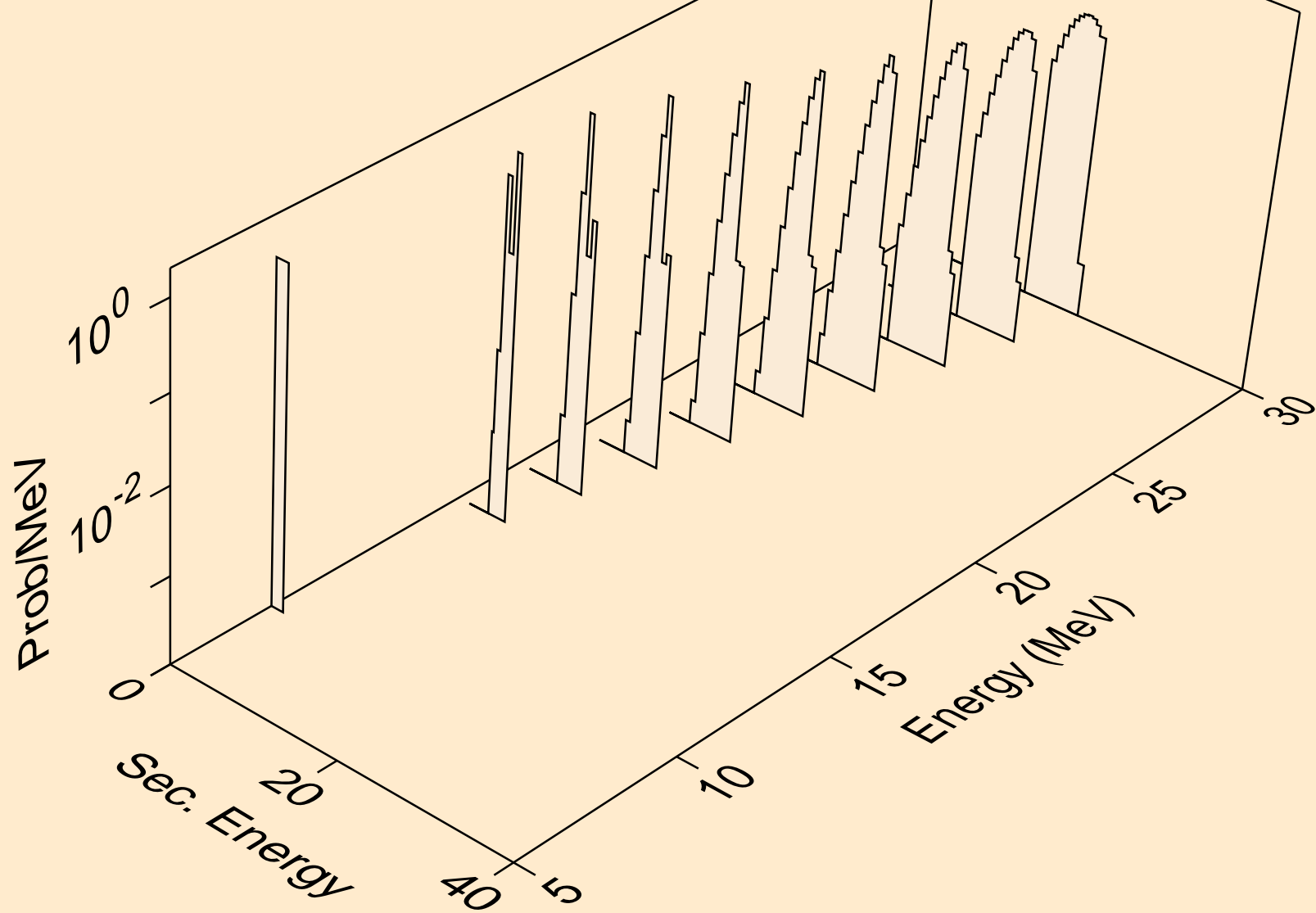
PM161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)



PM161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3

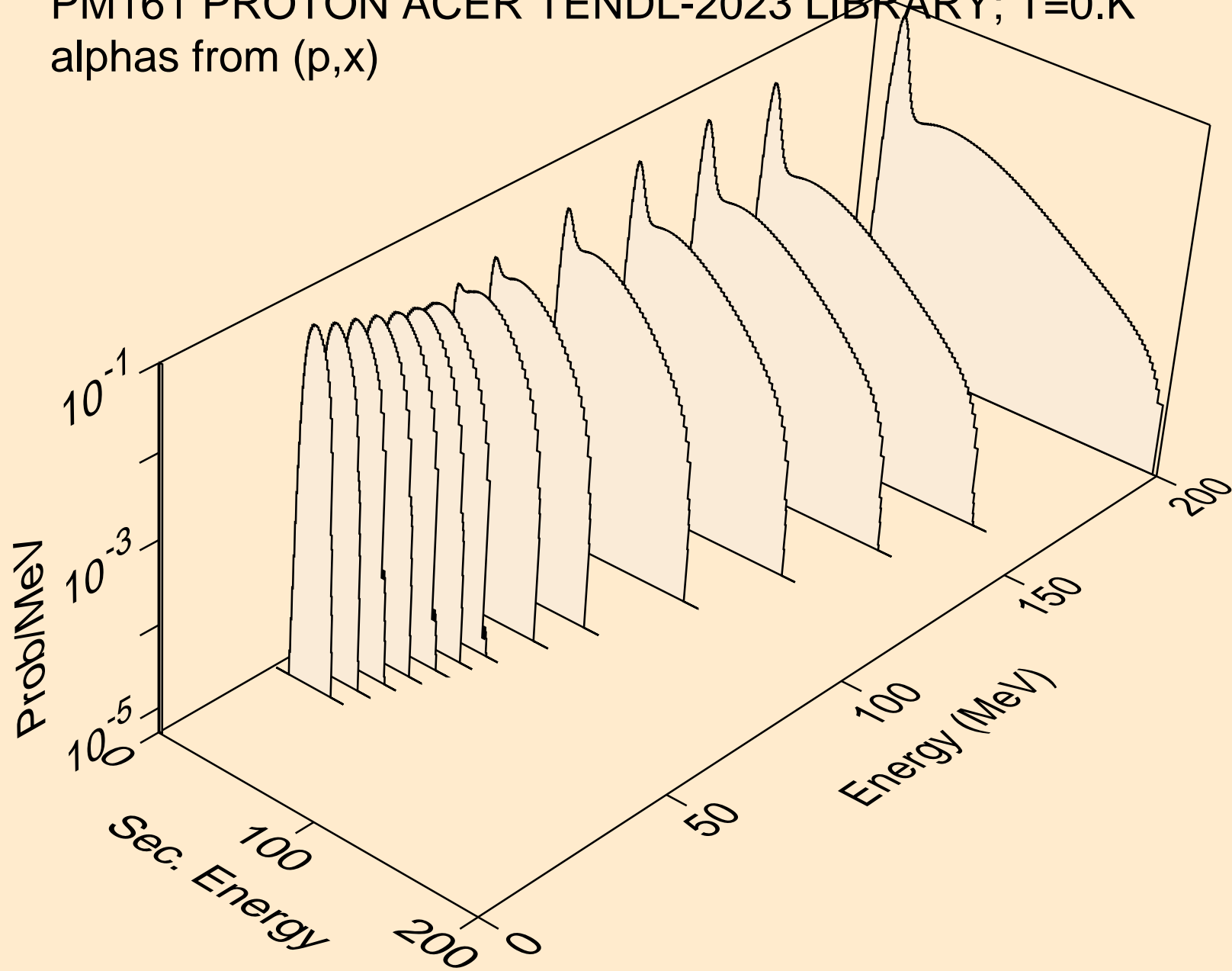


PM161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,he3)

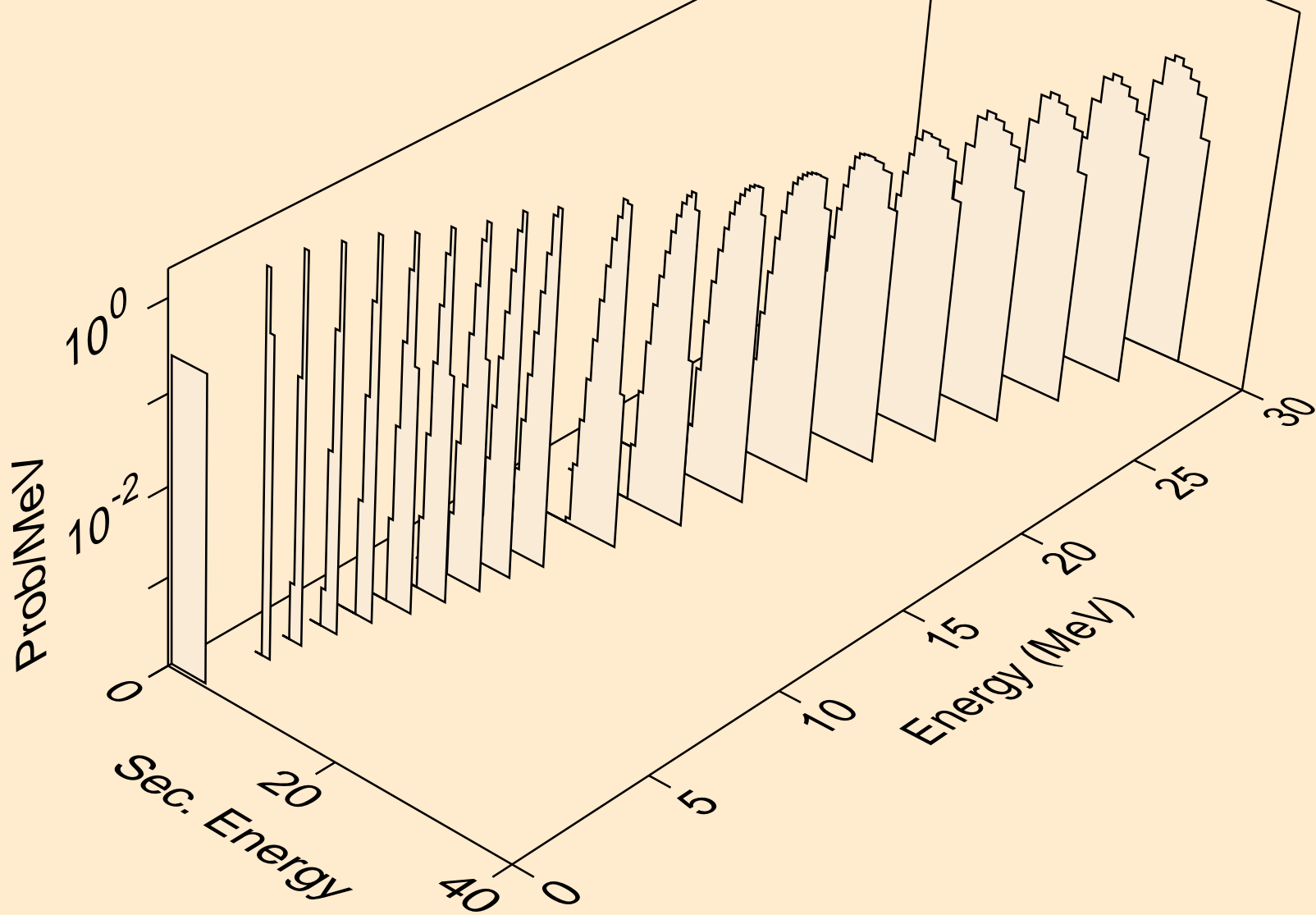




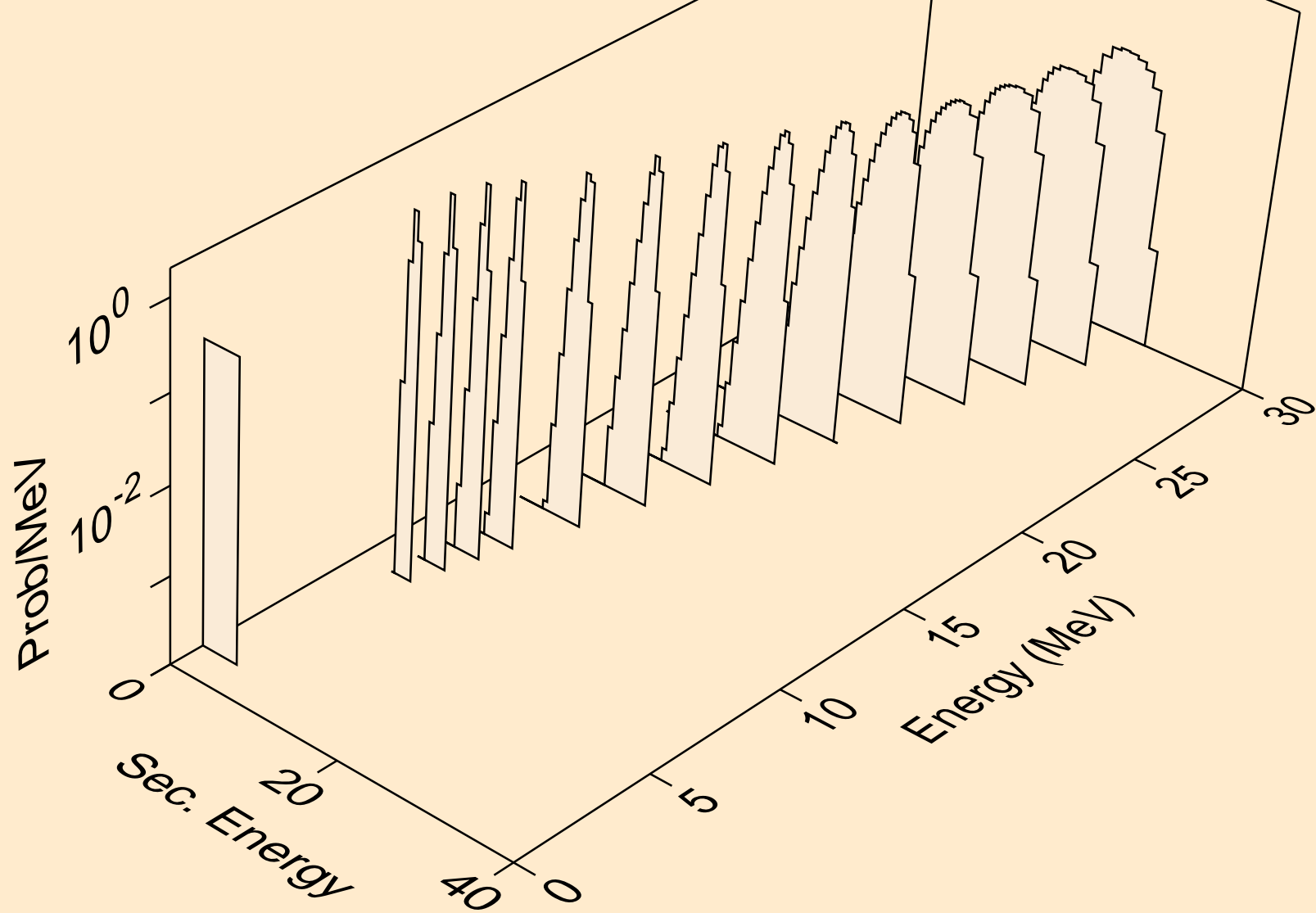
PM161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



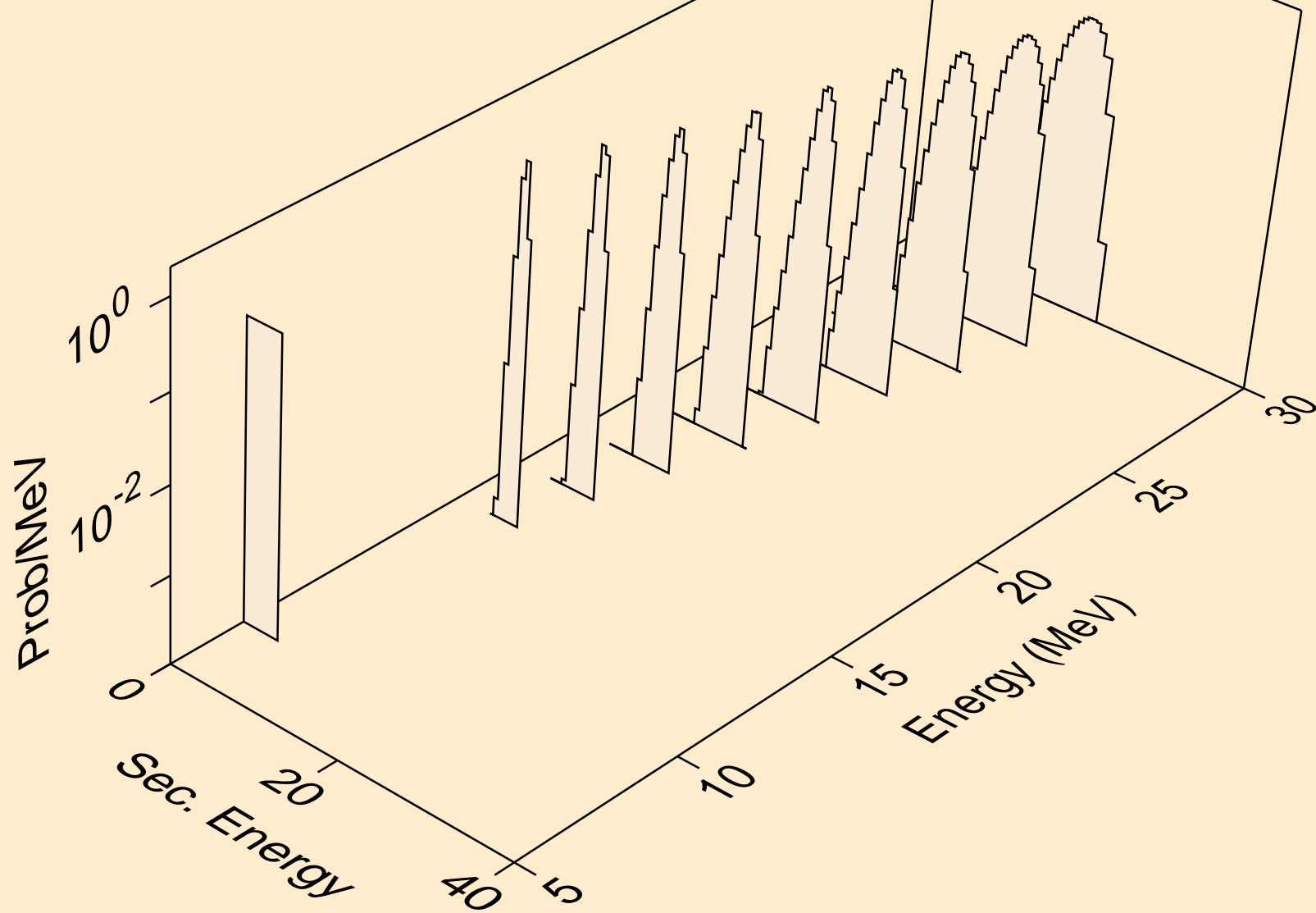
PM161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a



PM161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a



PM161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,3n)a



PM161 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)

