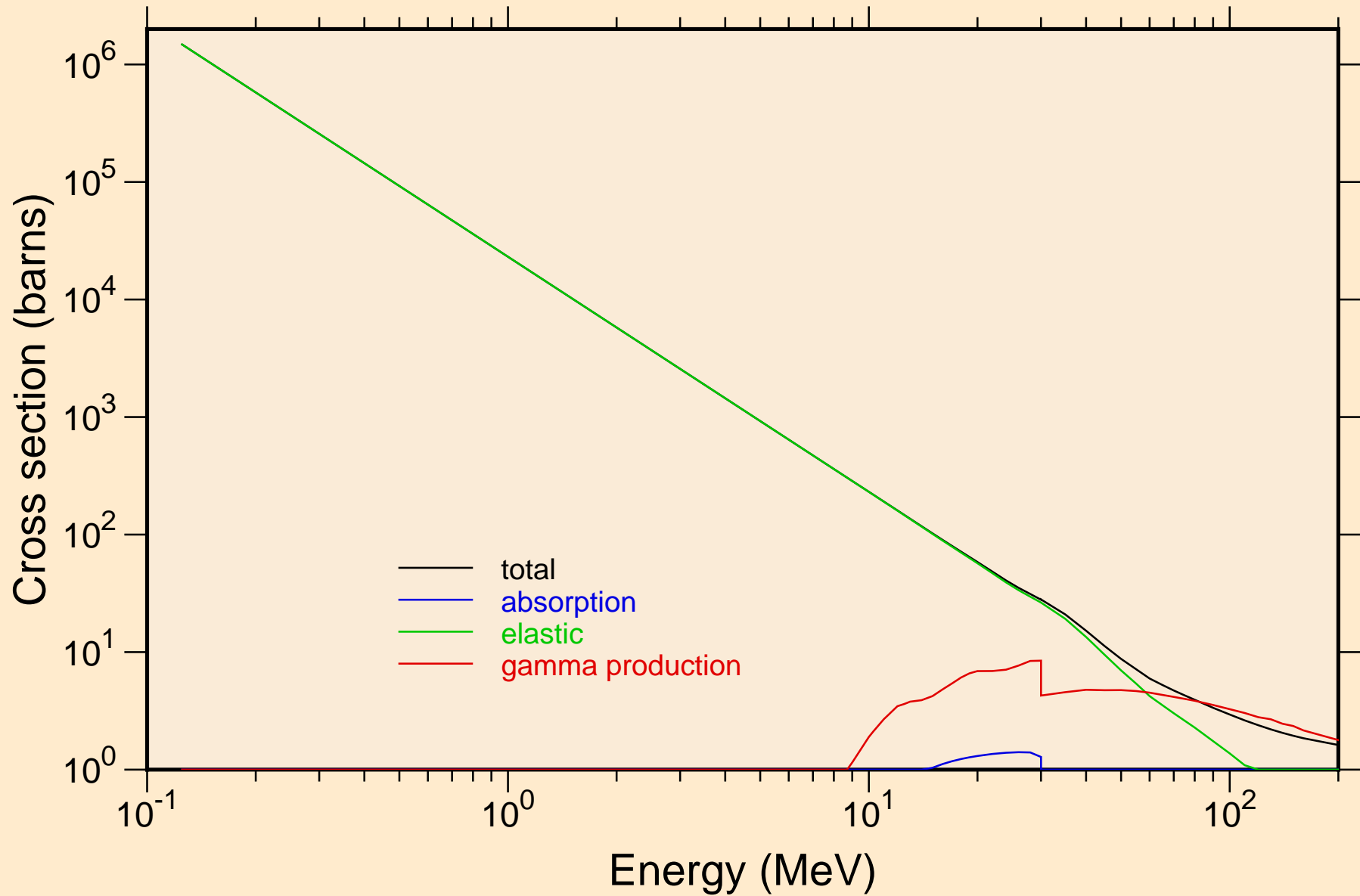
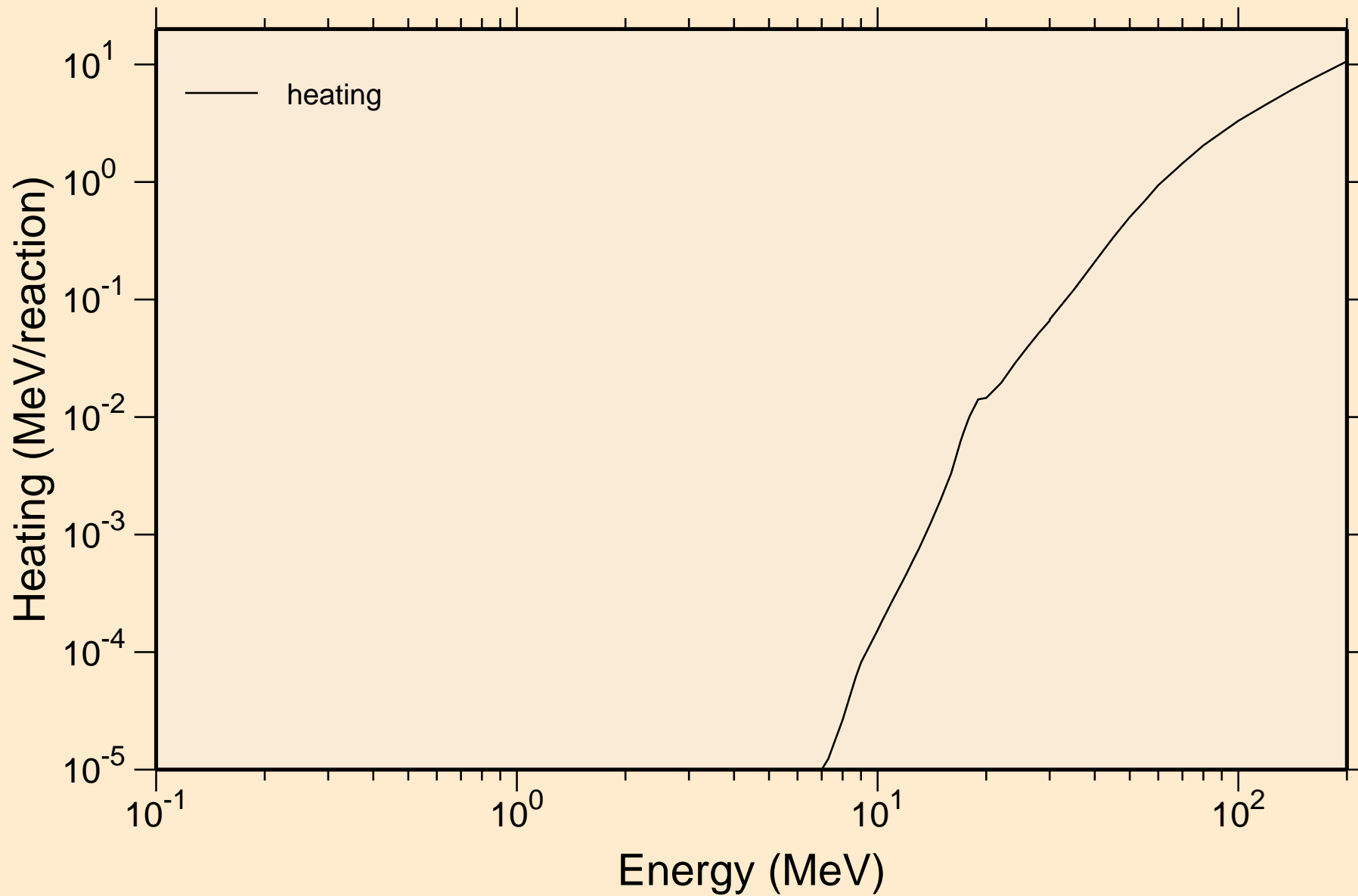


# PM155 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

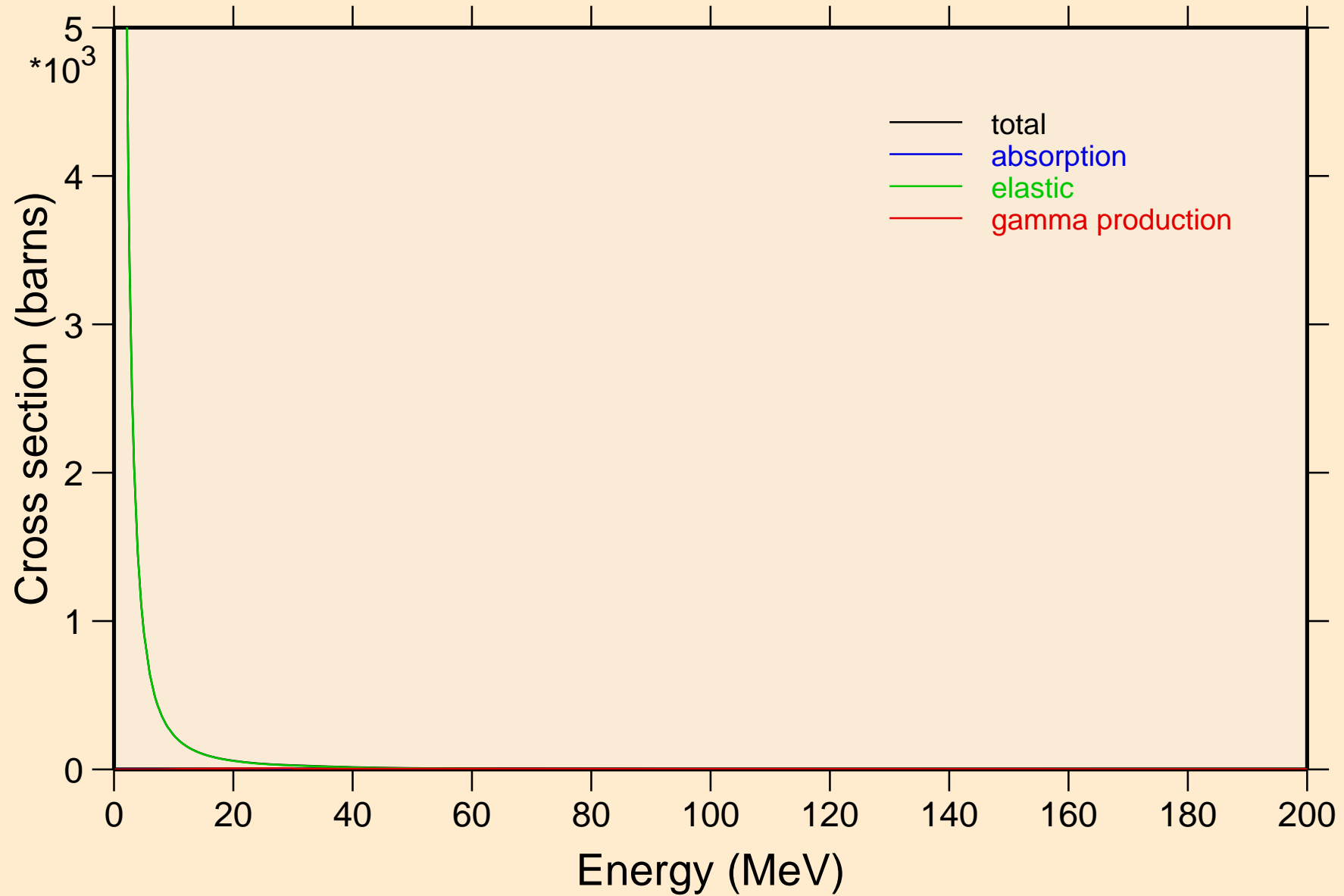


PM155 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Heating



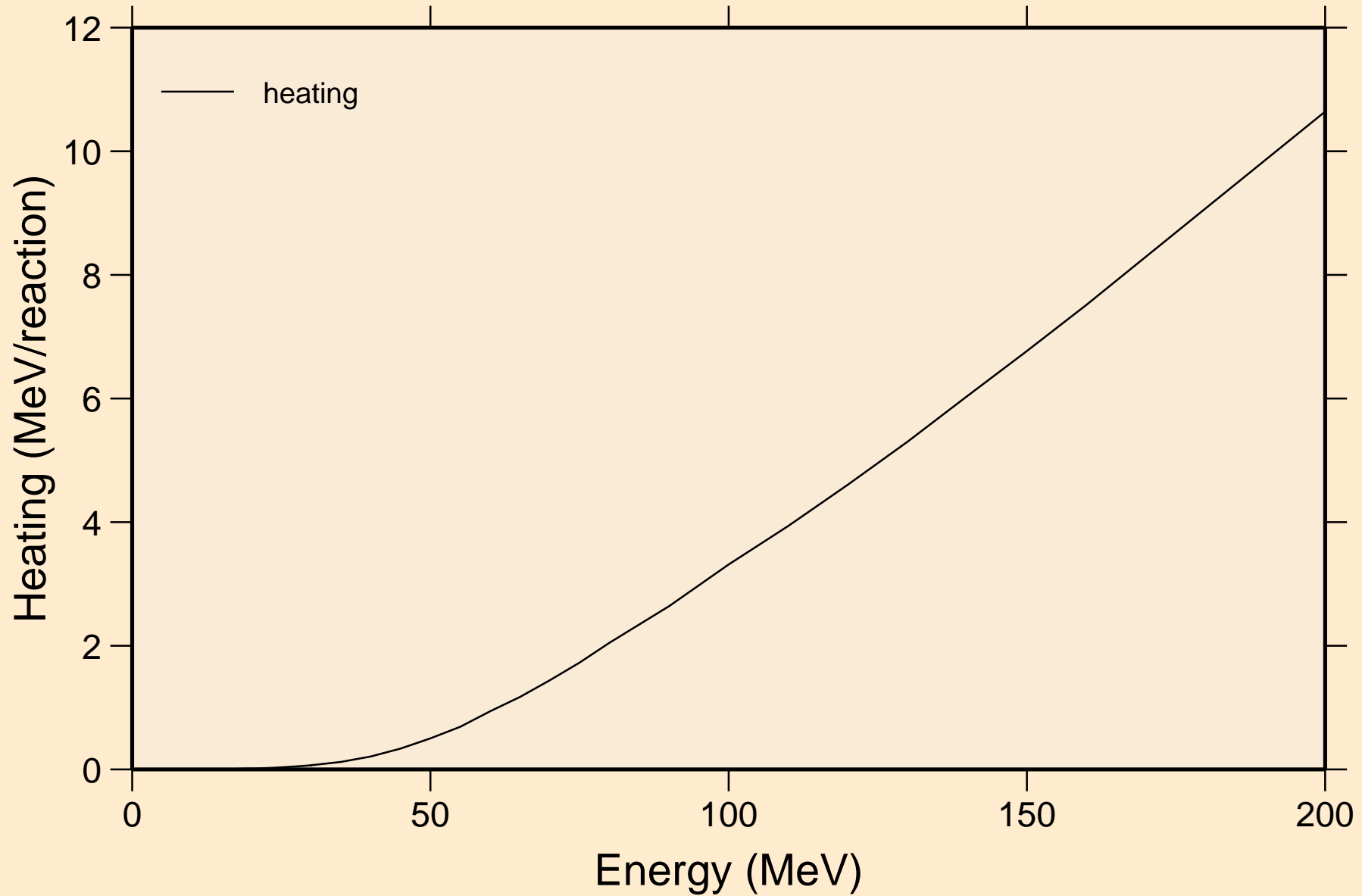
# PM155 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

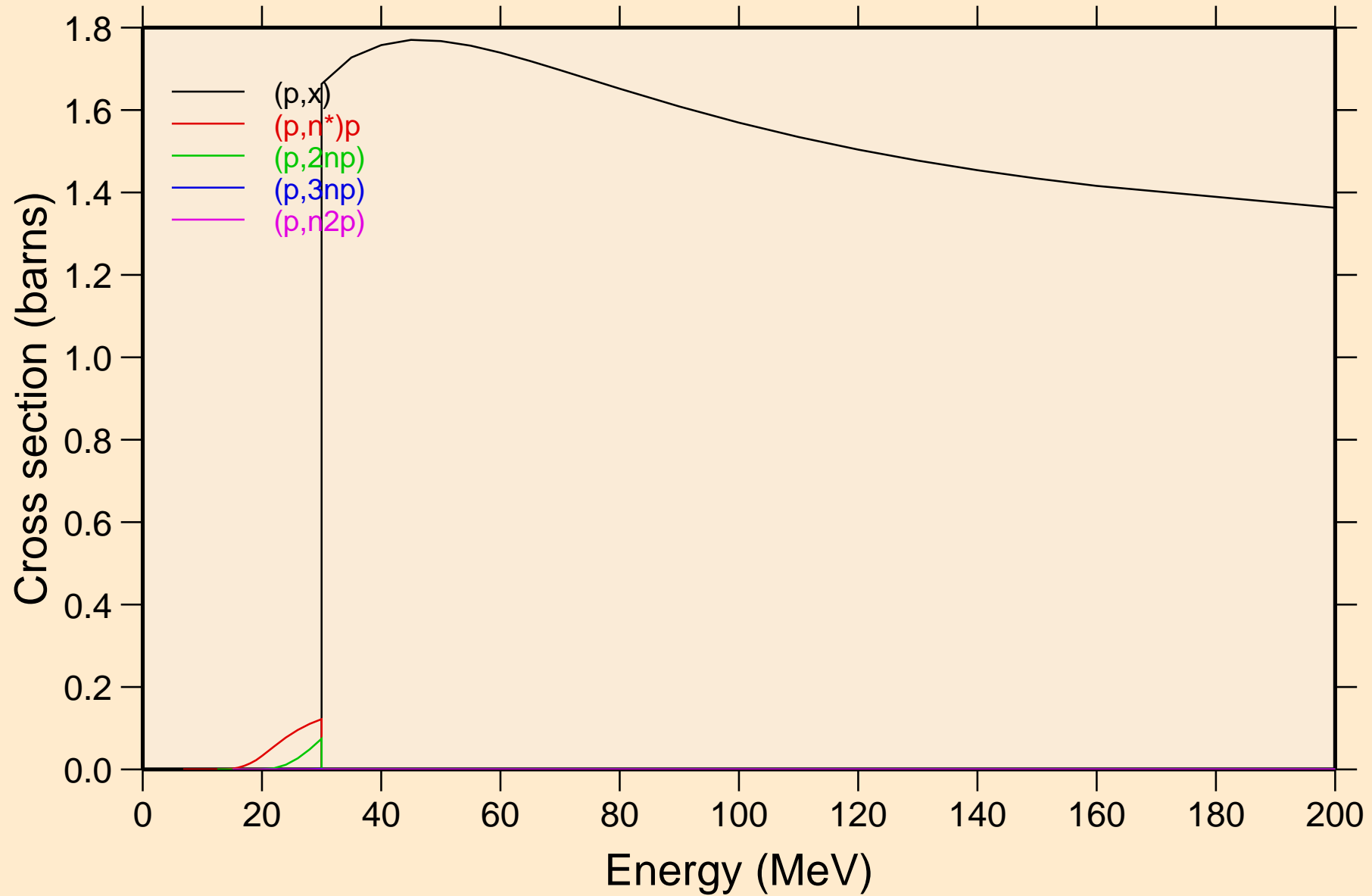


PM155 PROTON ACER TENDL-2023 LIBRARY; T=0.K

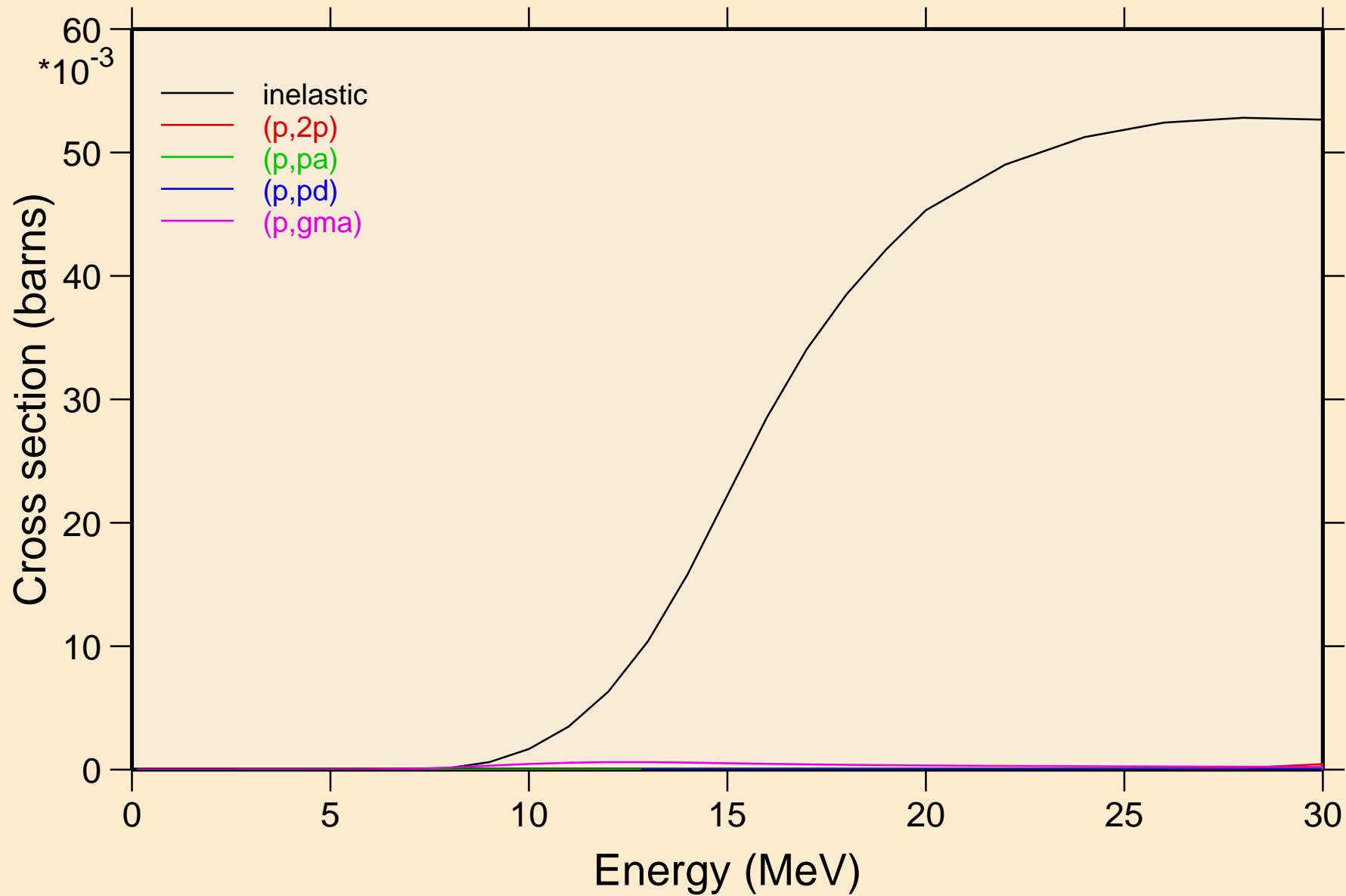
Heating



PM155 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

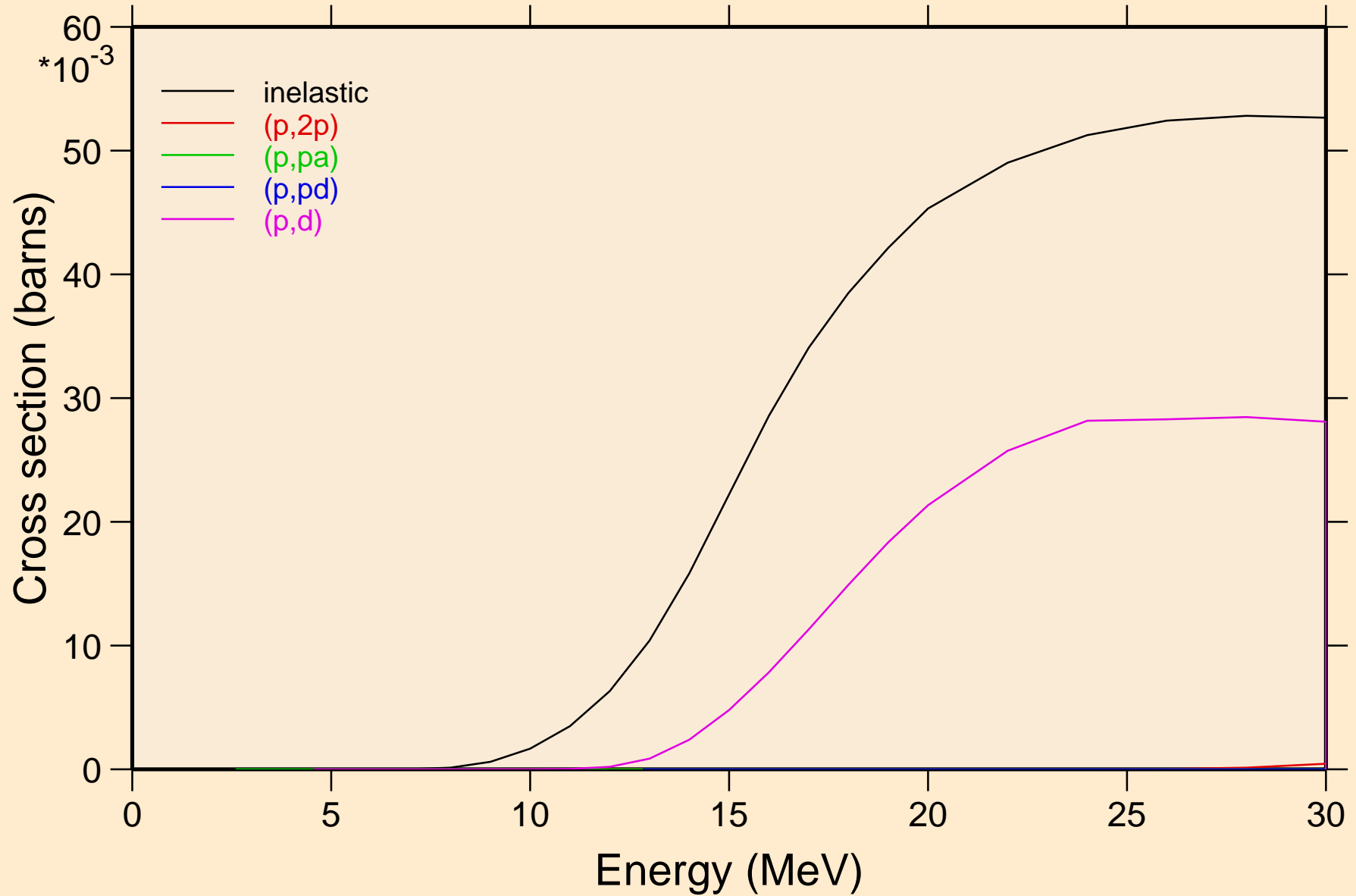


PM155 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

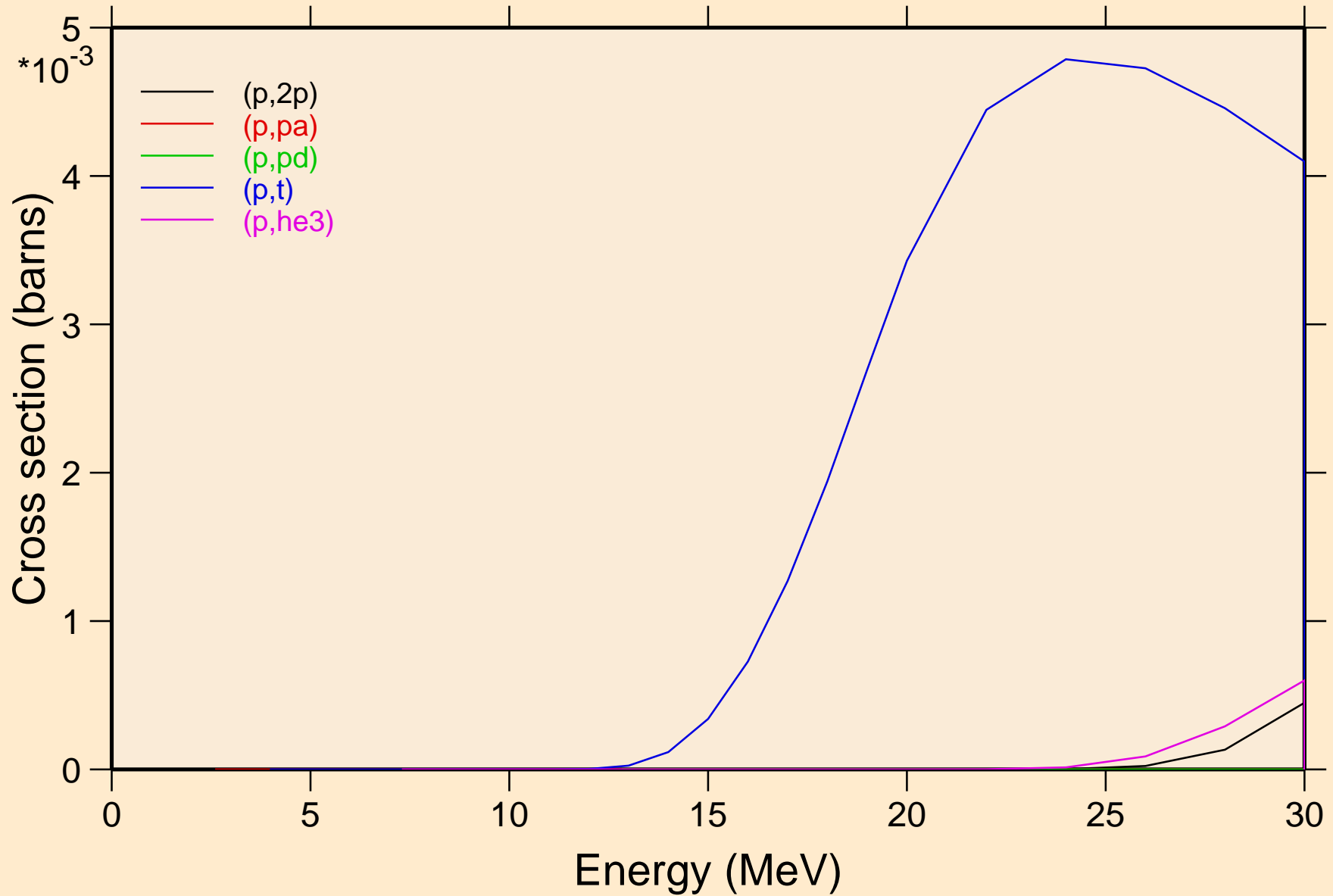


# PM155 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

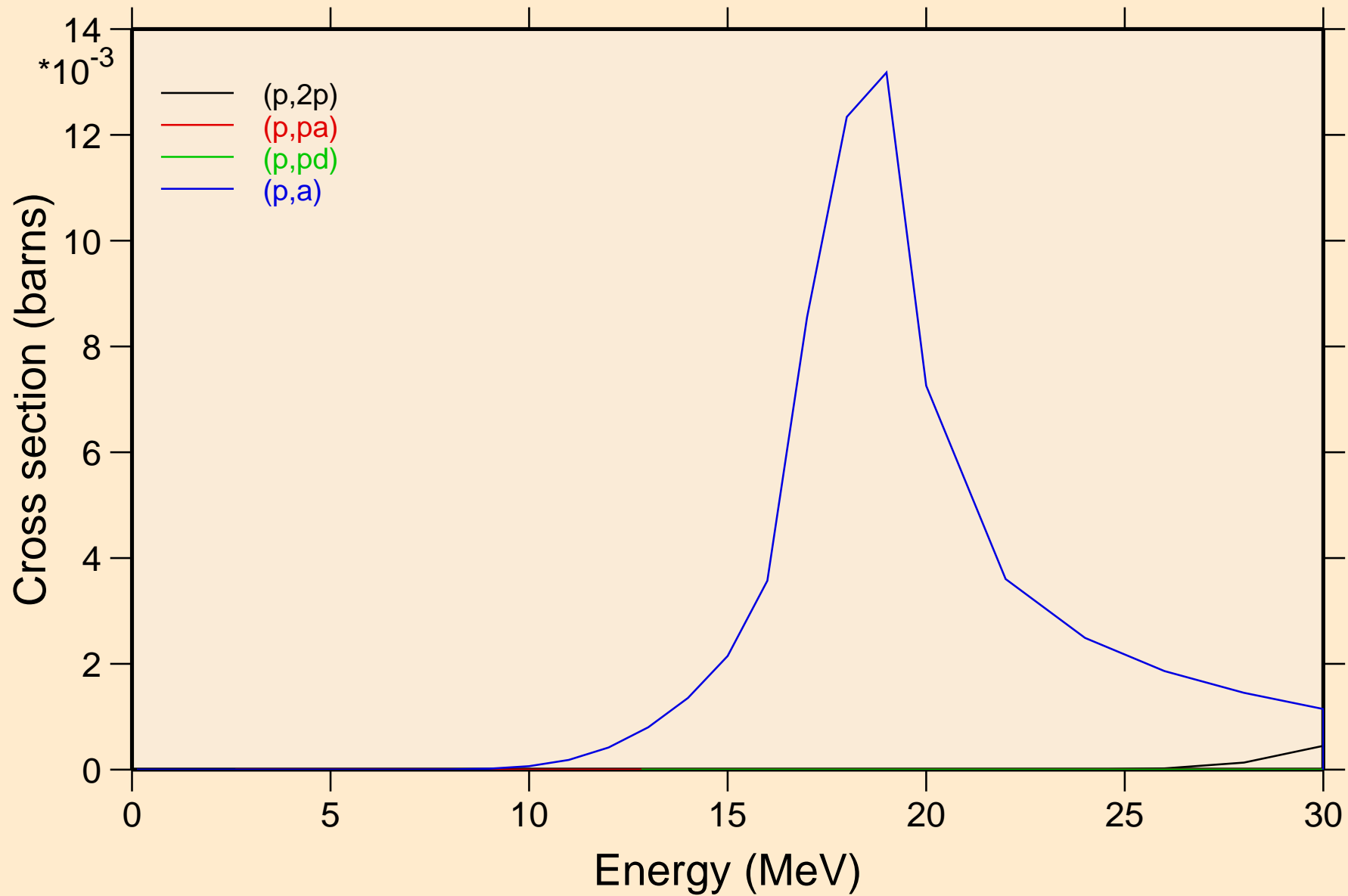


PM155 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

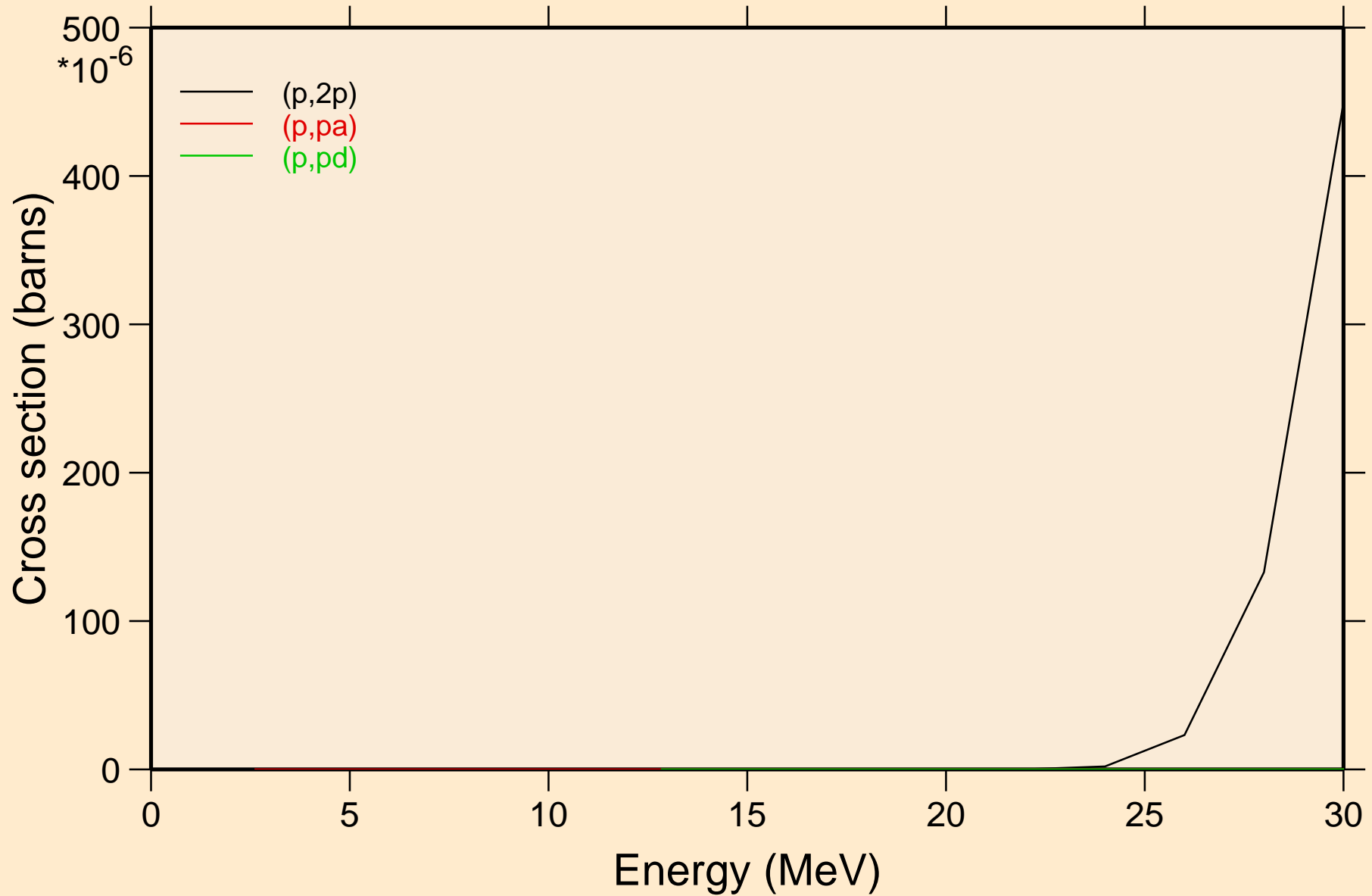




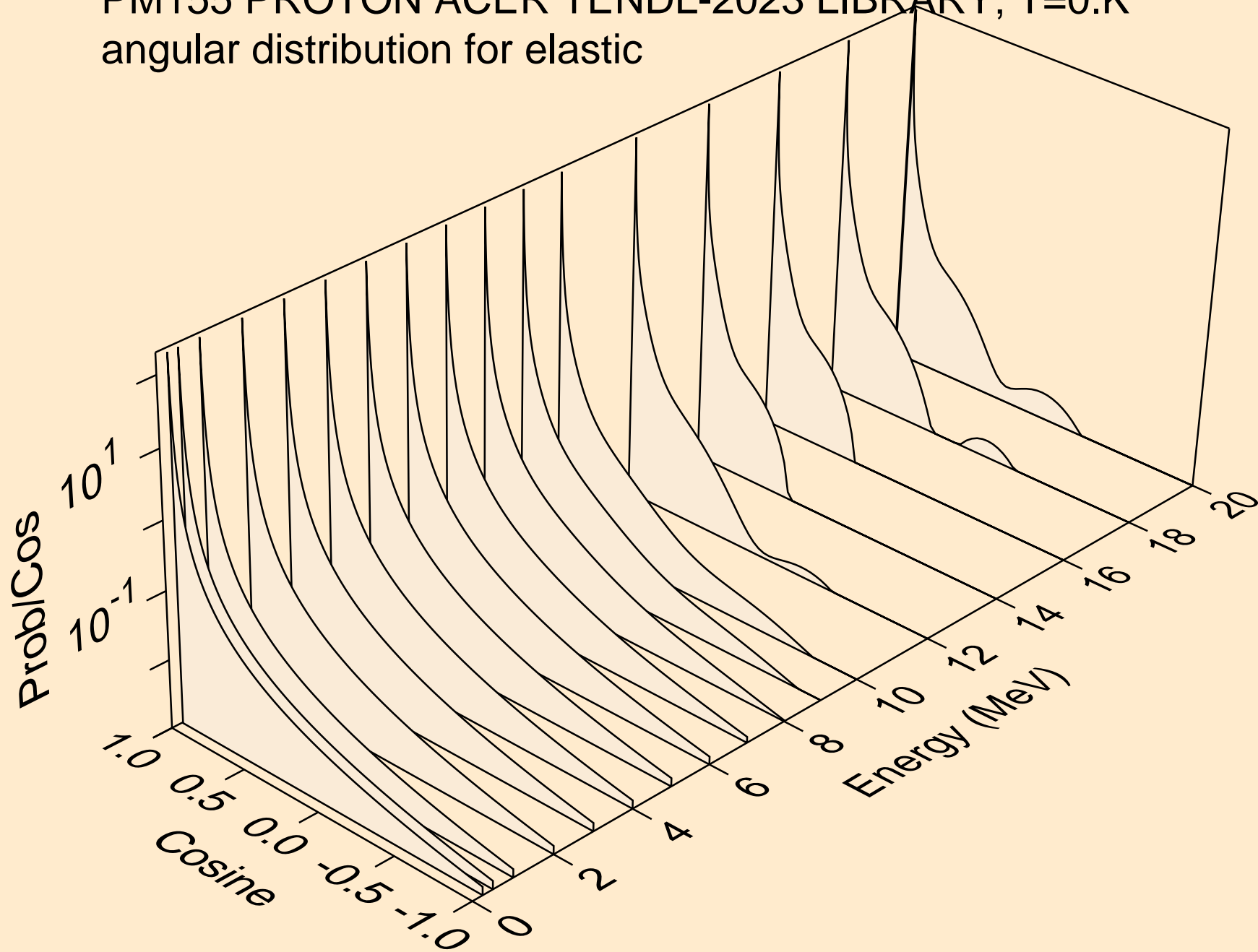
PM155 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



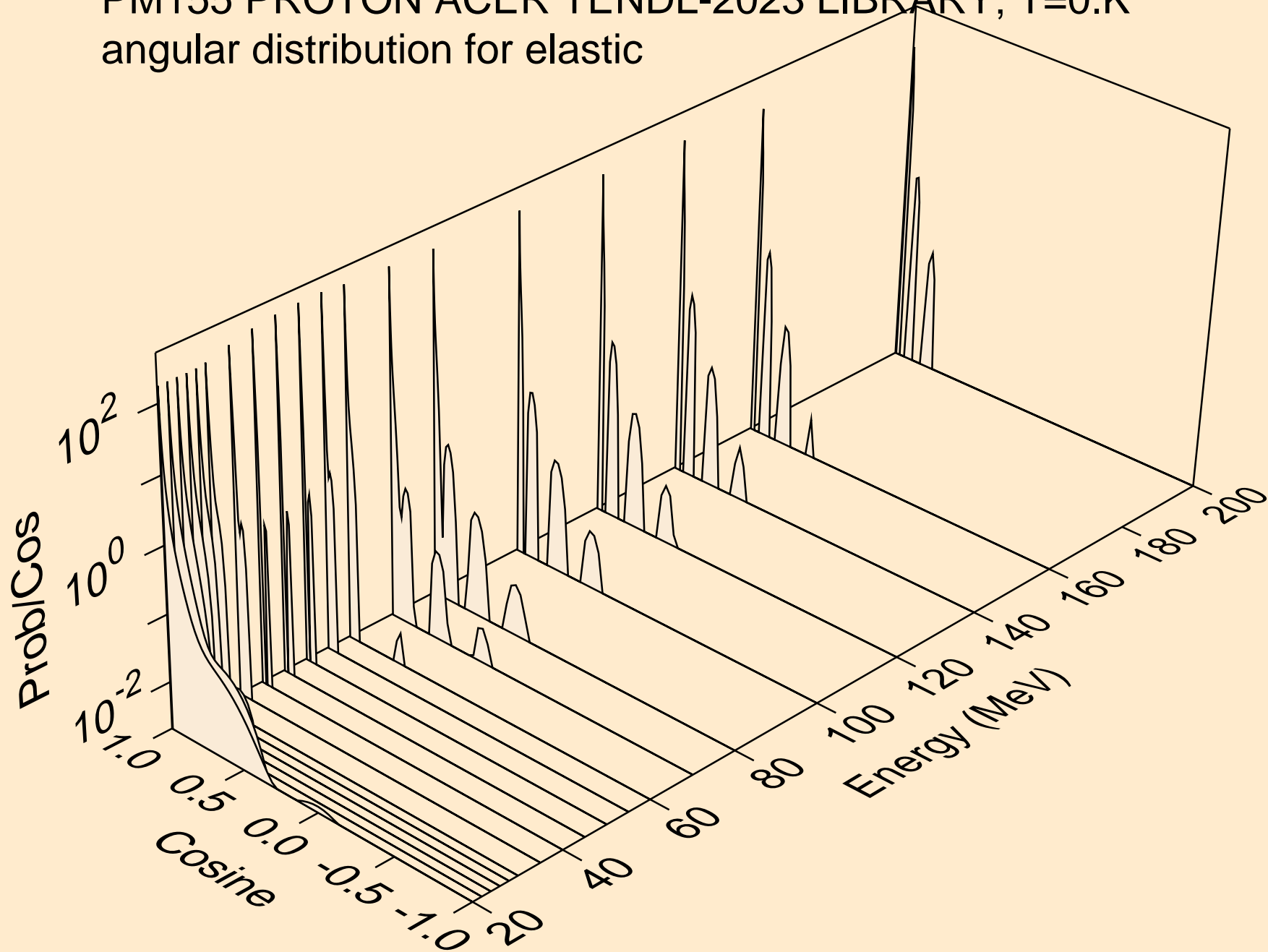
PM155 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



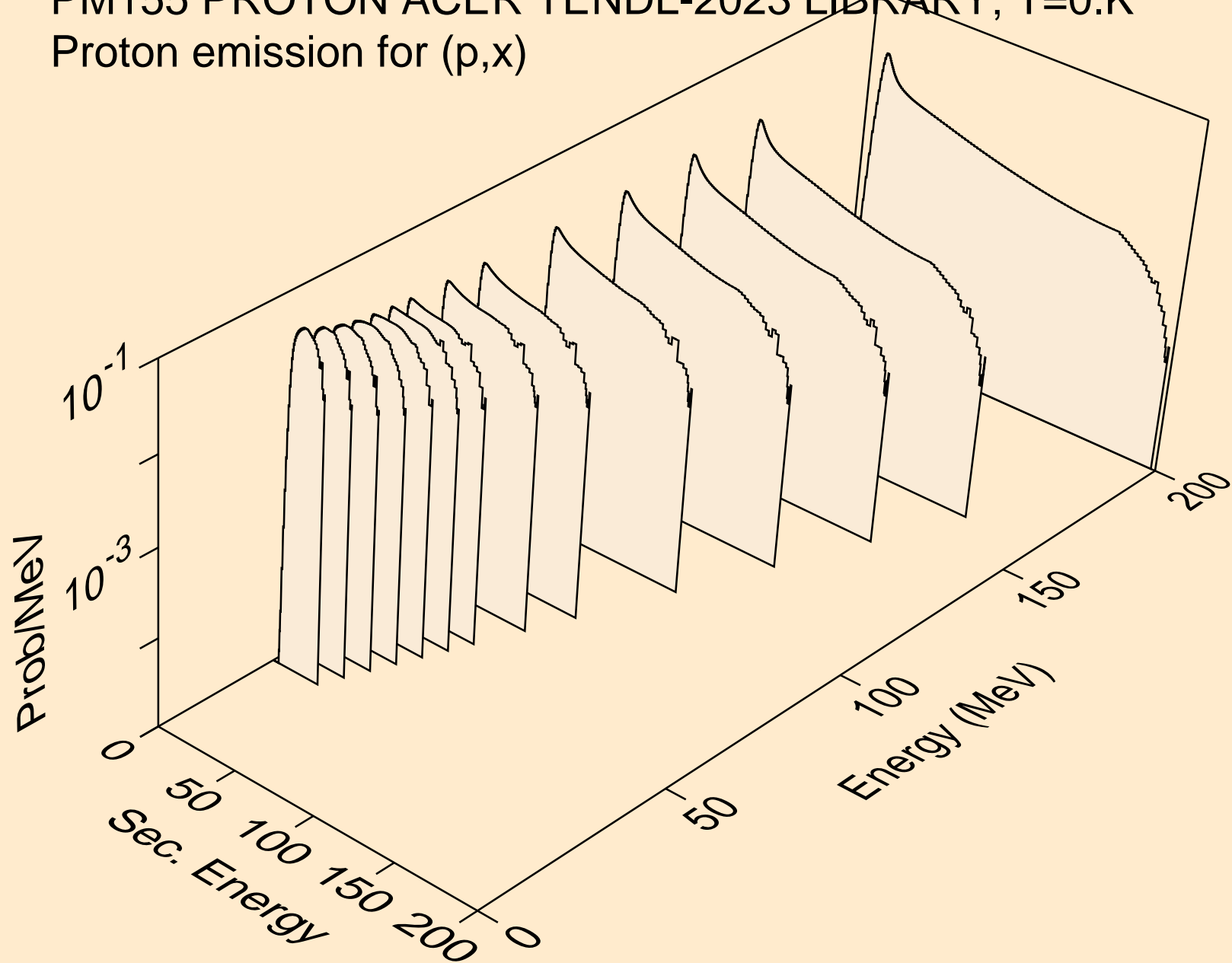
PM155 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



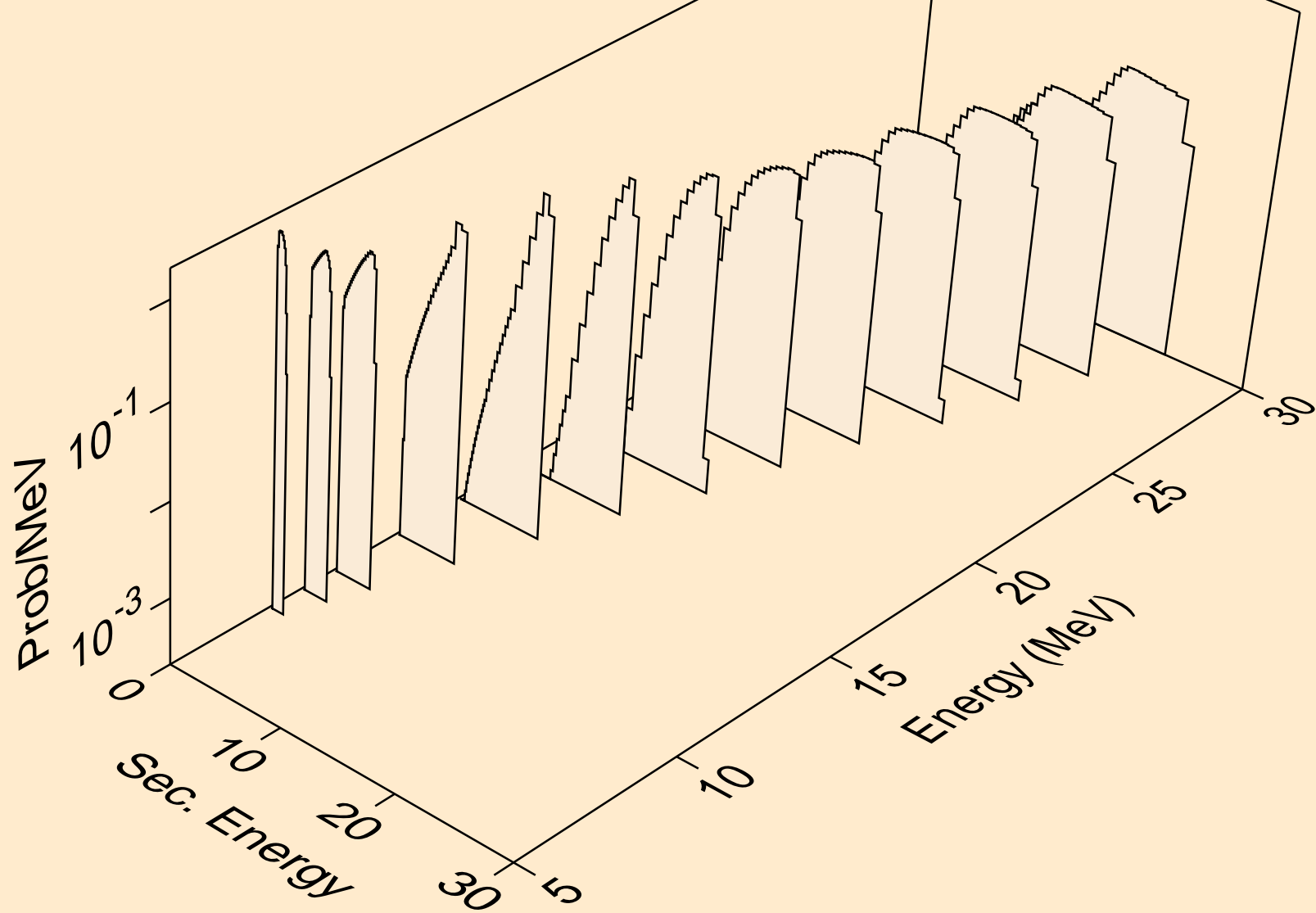
PM155 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



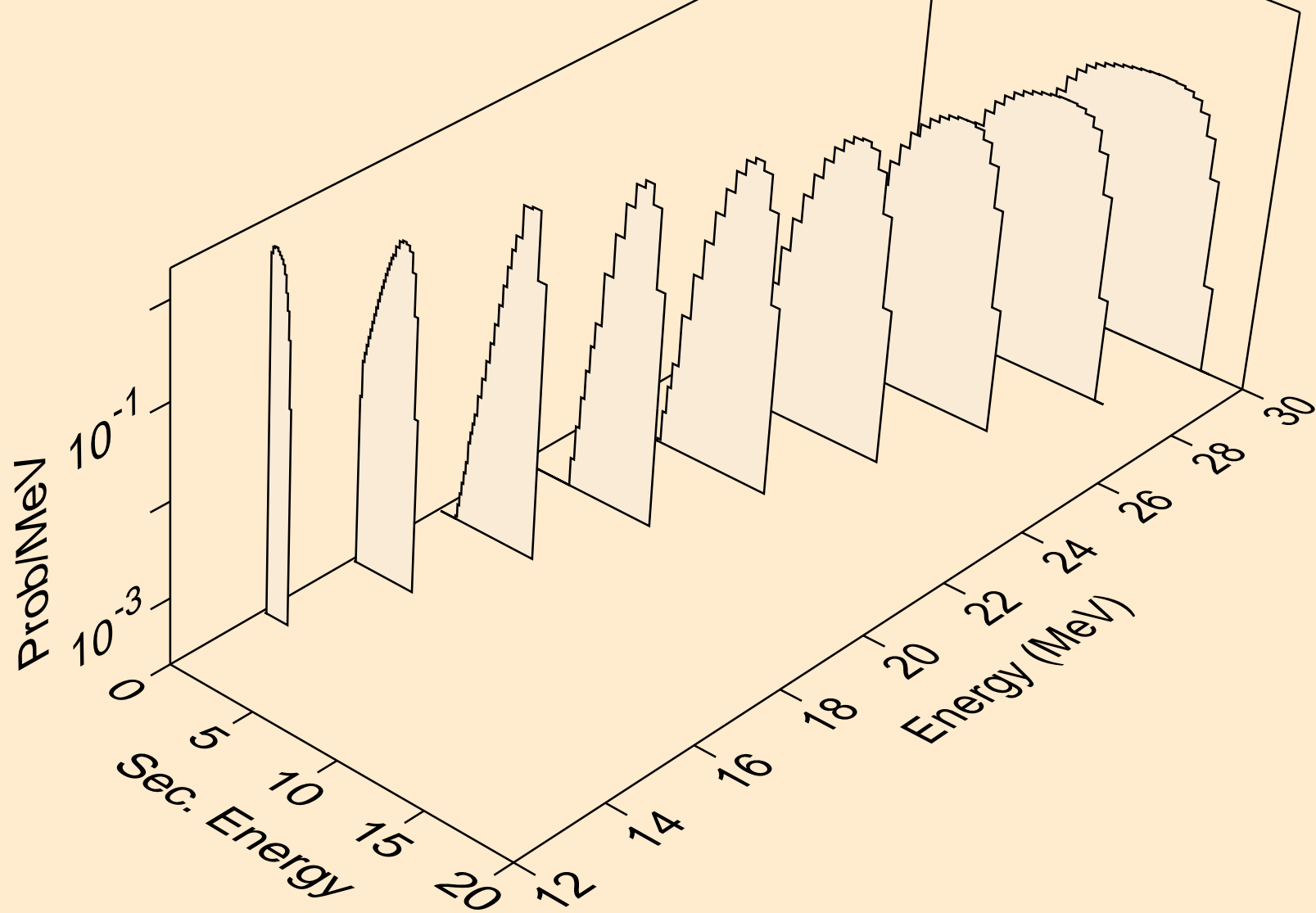
PM155 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



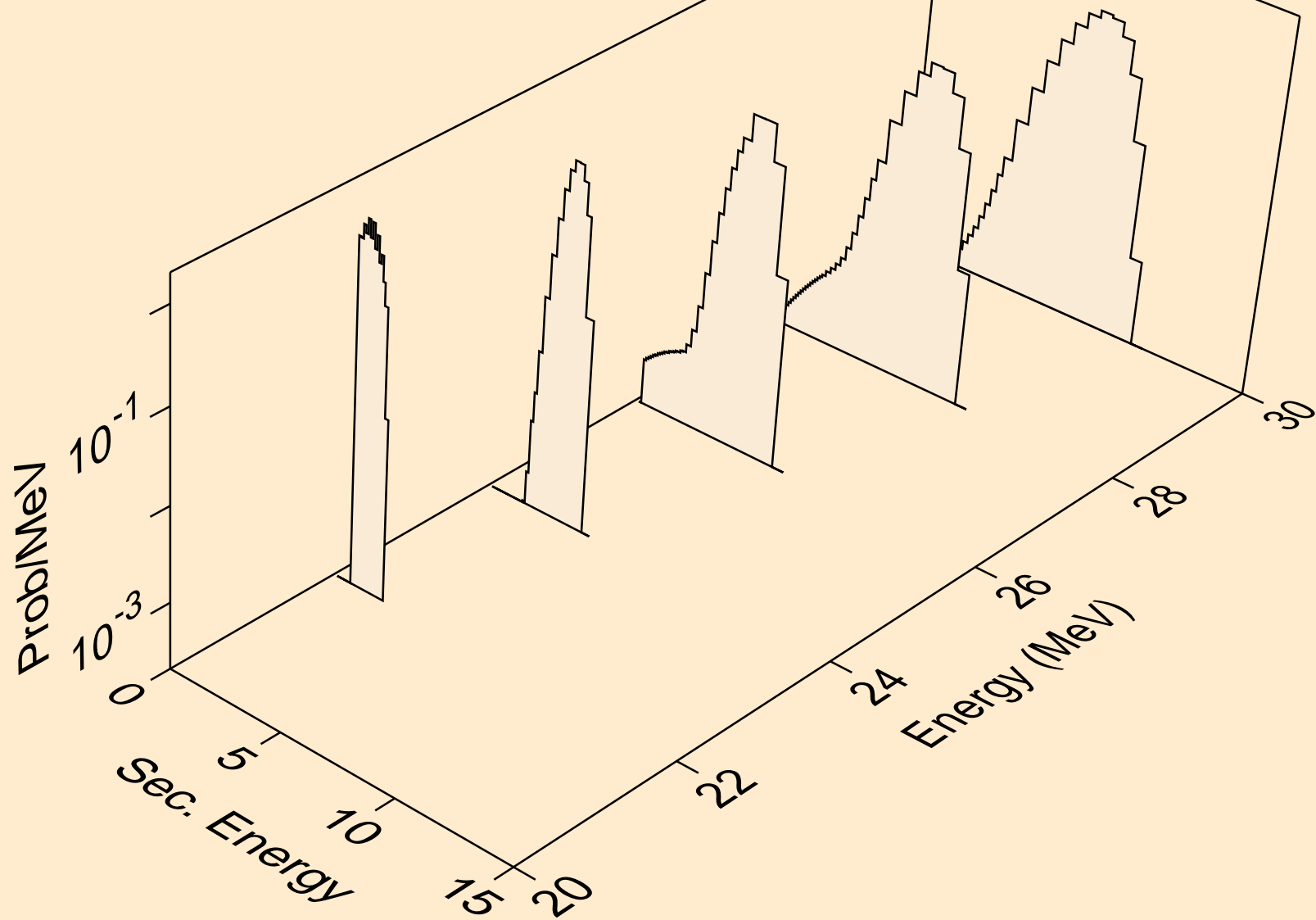
PM155 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



PM155 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)

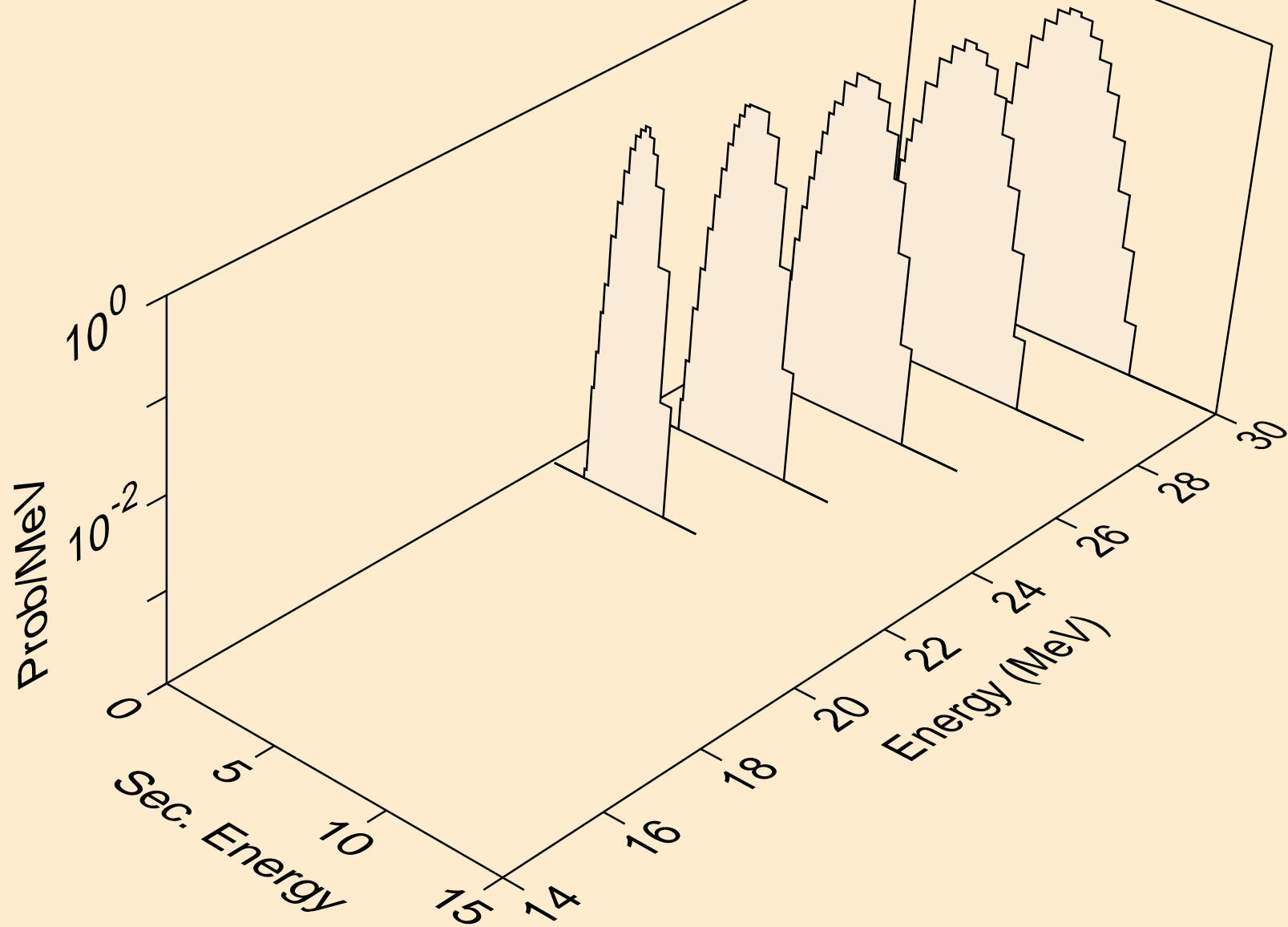


PM155 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,3np)

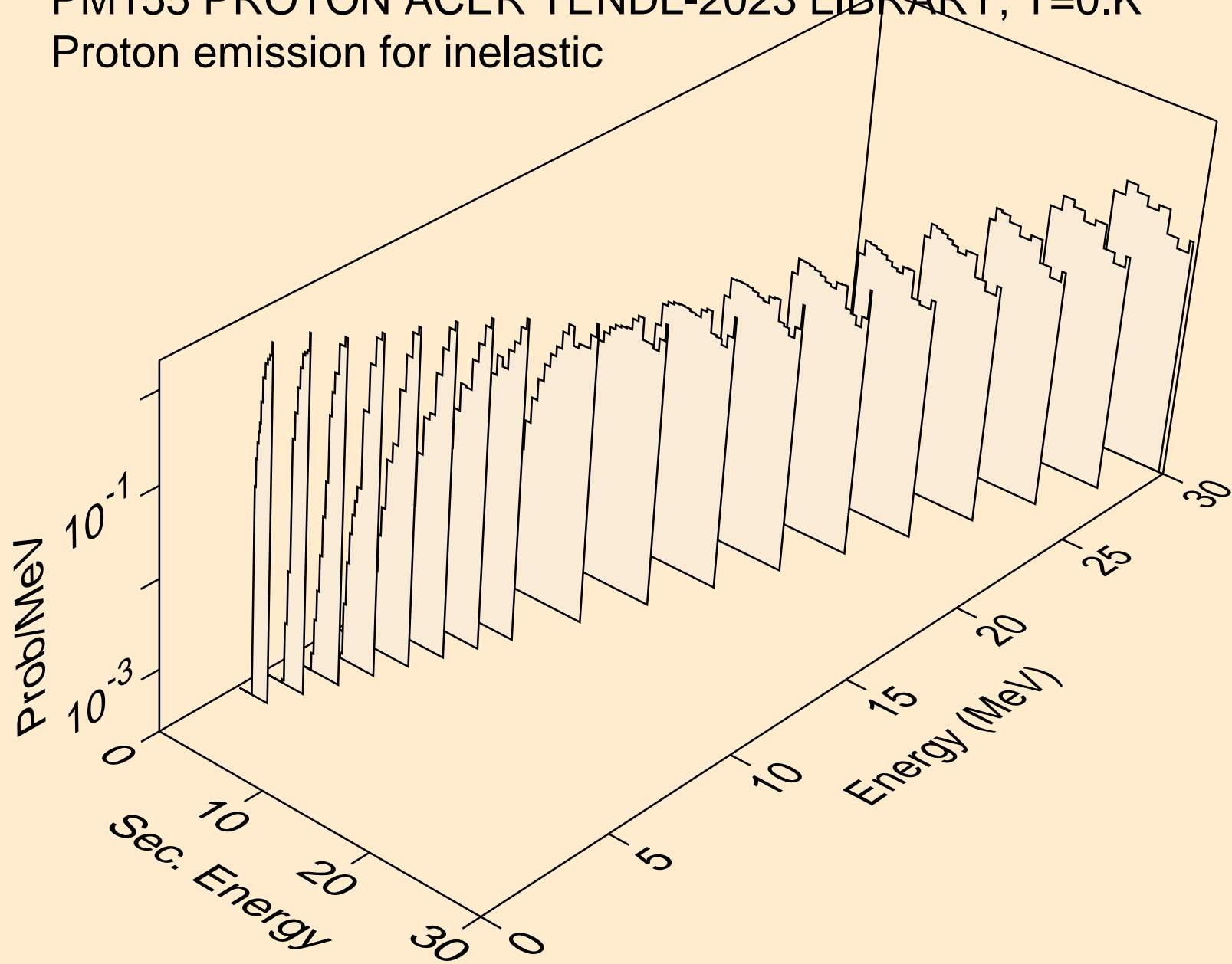




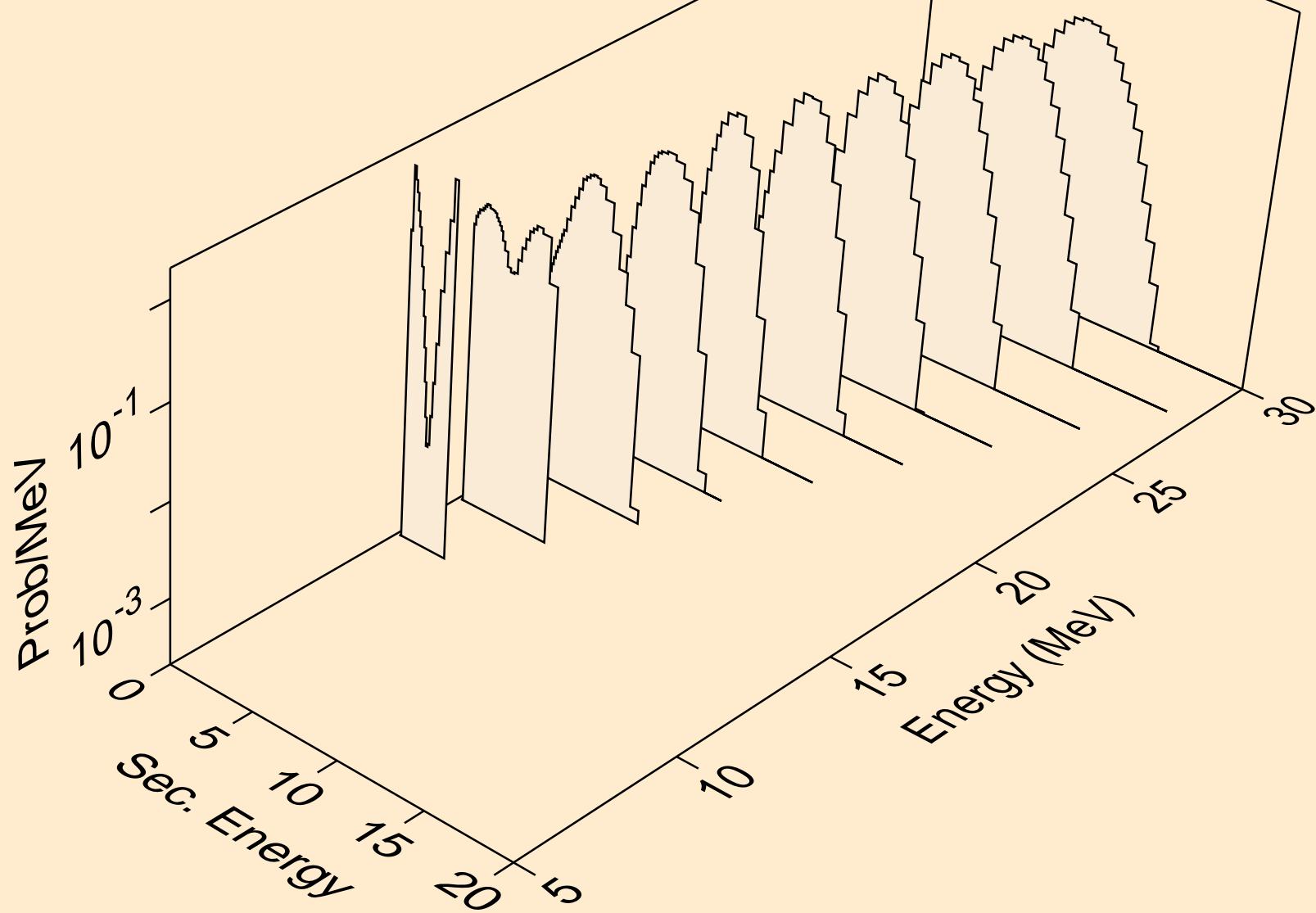
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Proton emission for (p,n2p)



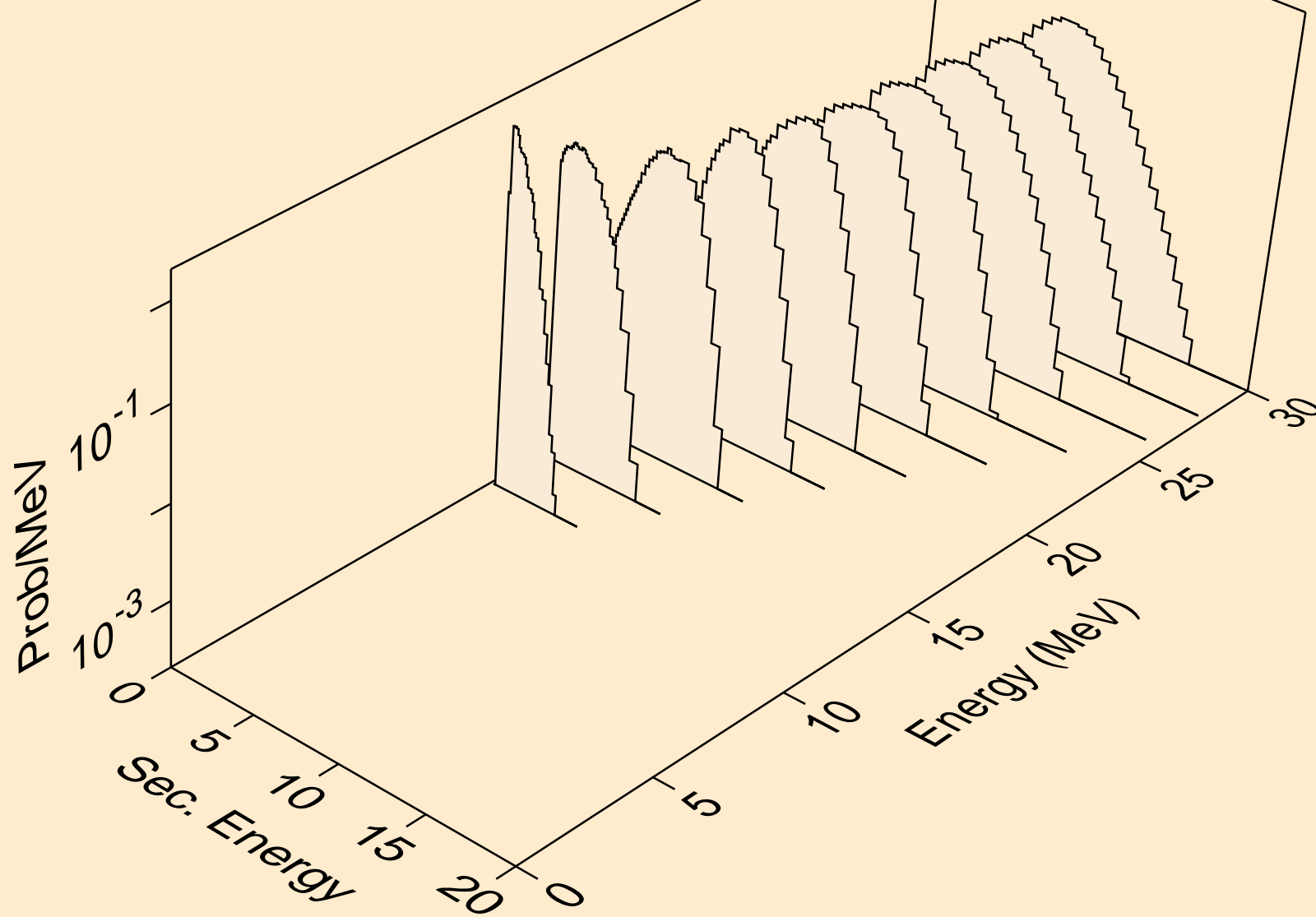
PM155 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic



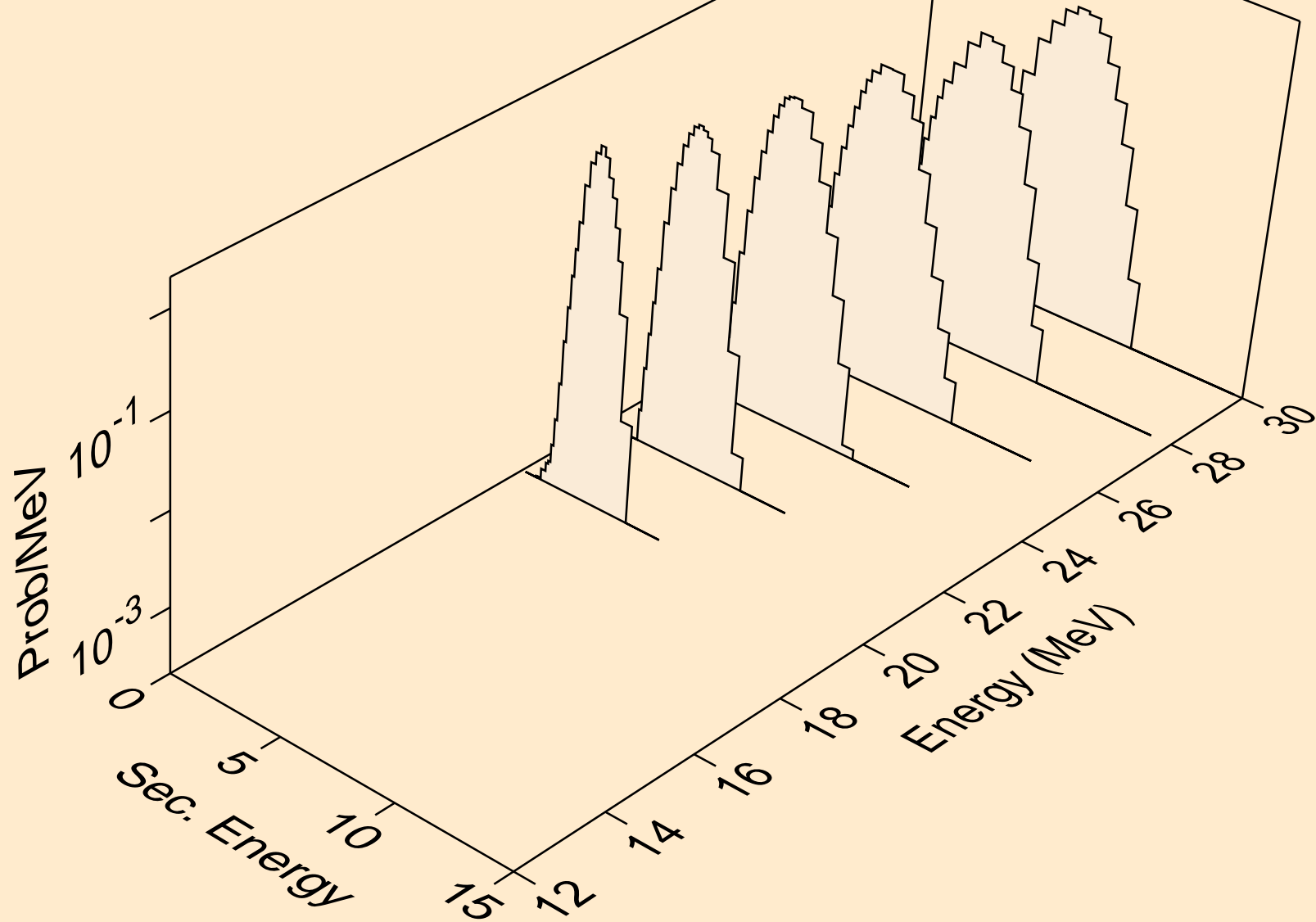
PM155 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)



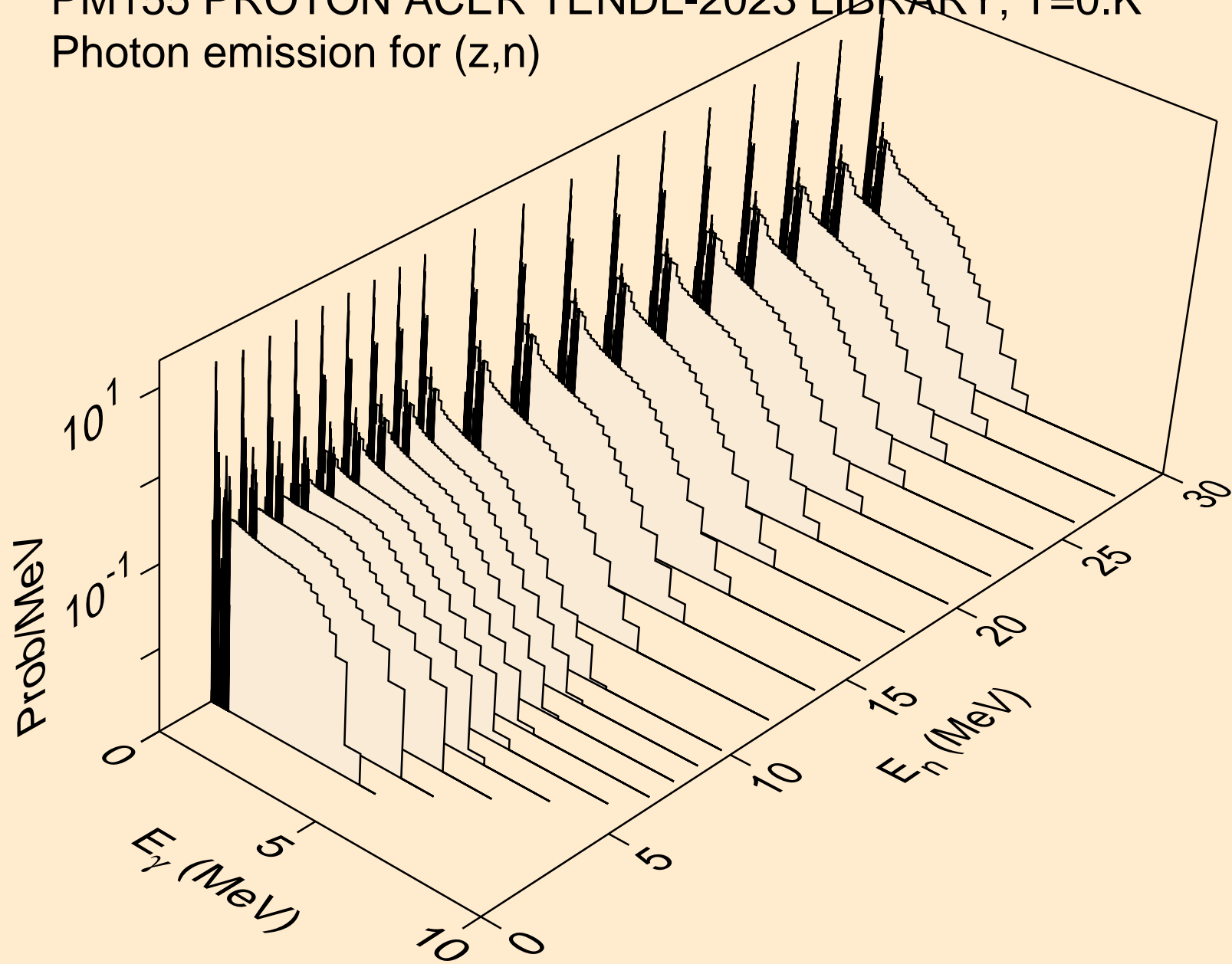
PM155 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pa)



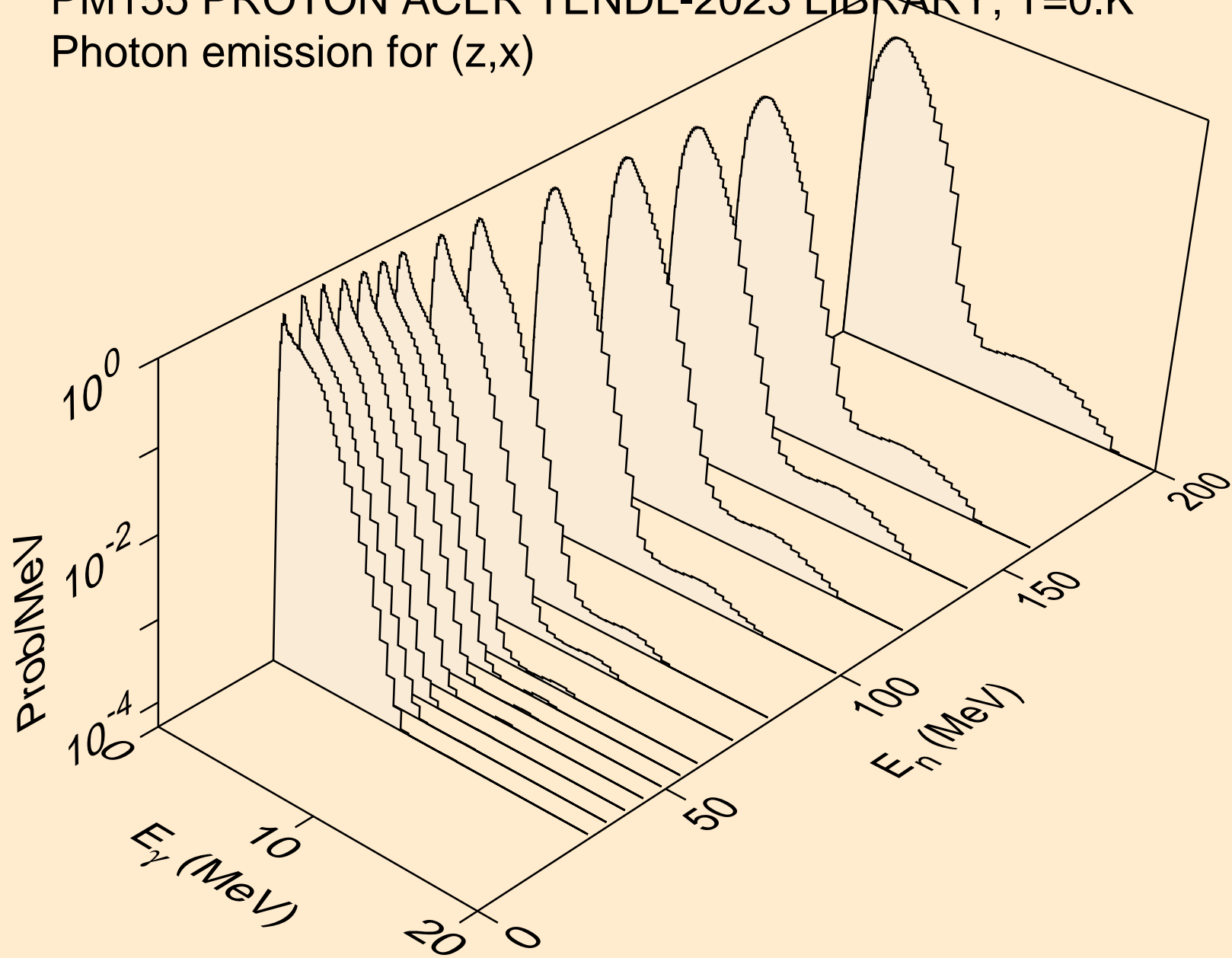
PM155 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pd)



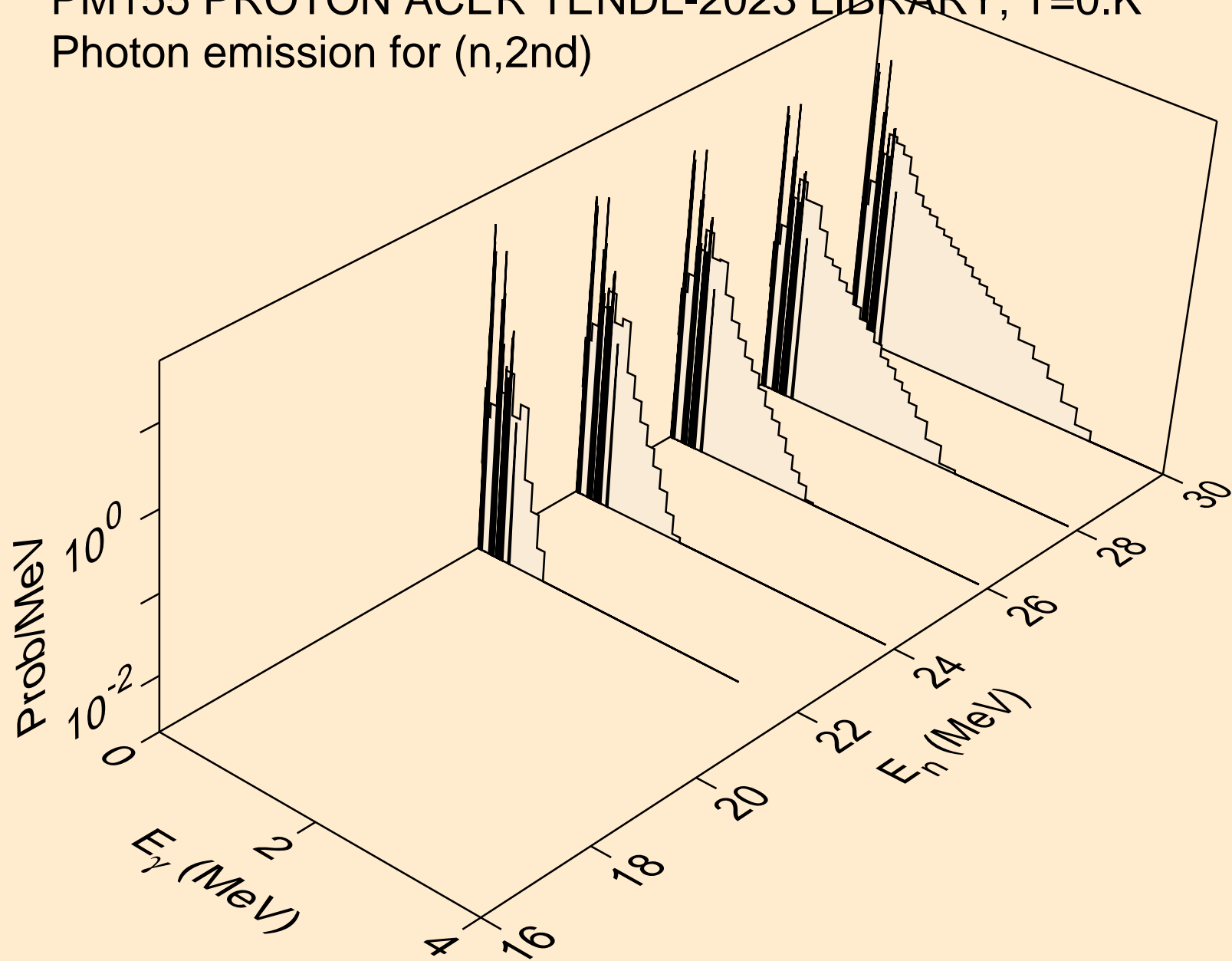
PM155 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



PM155 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)

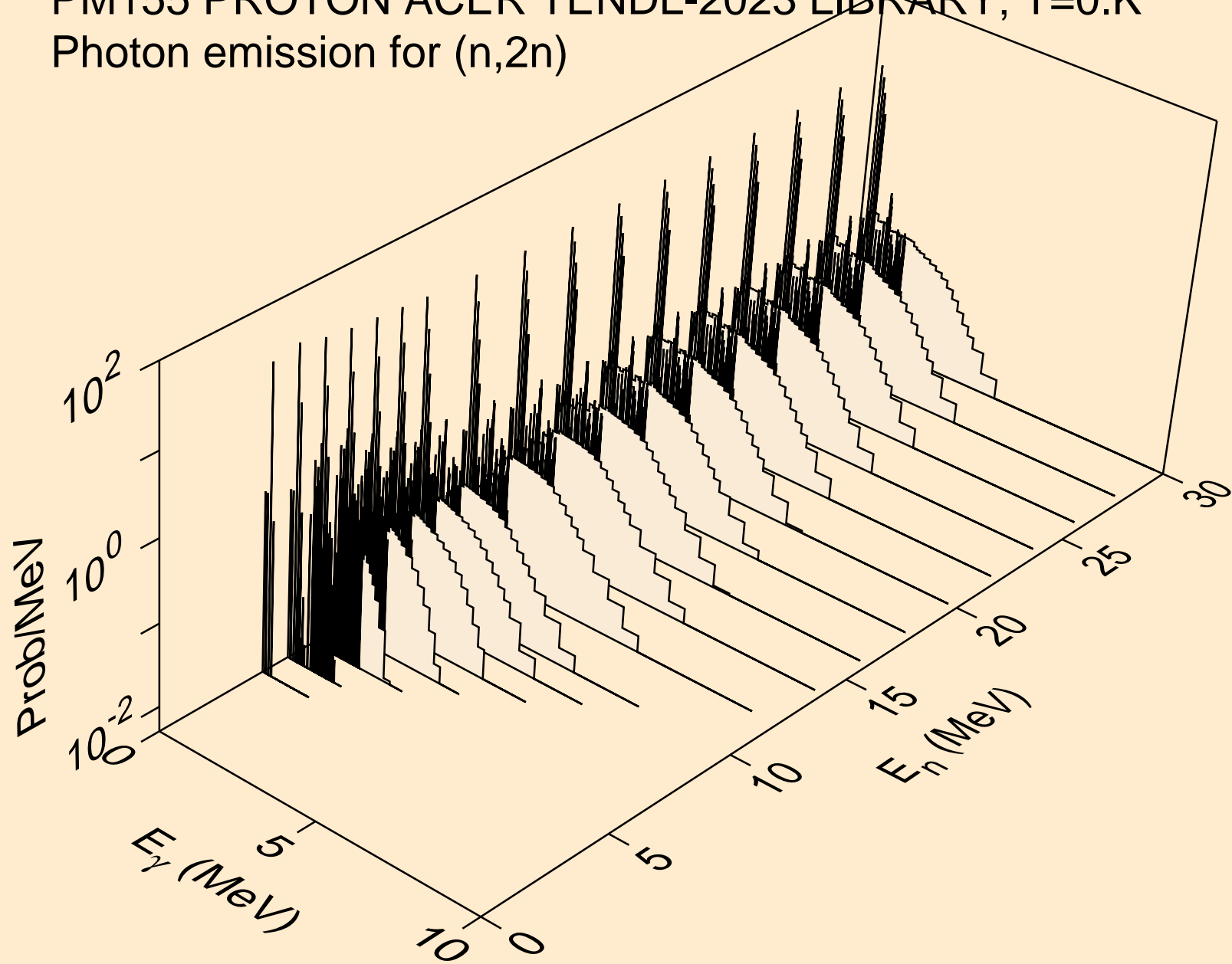


PM155 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)

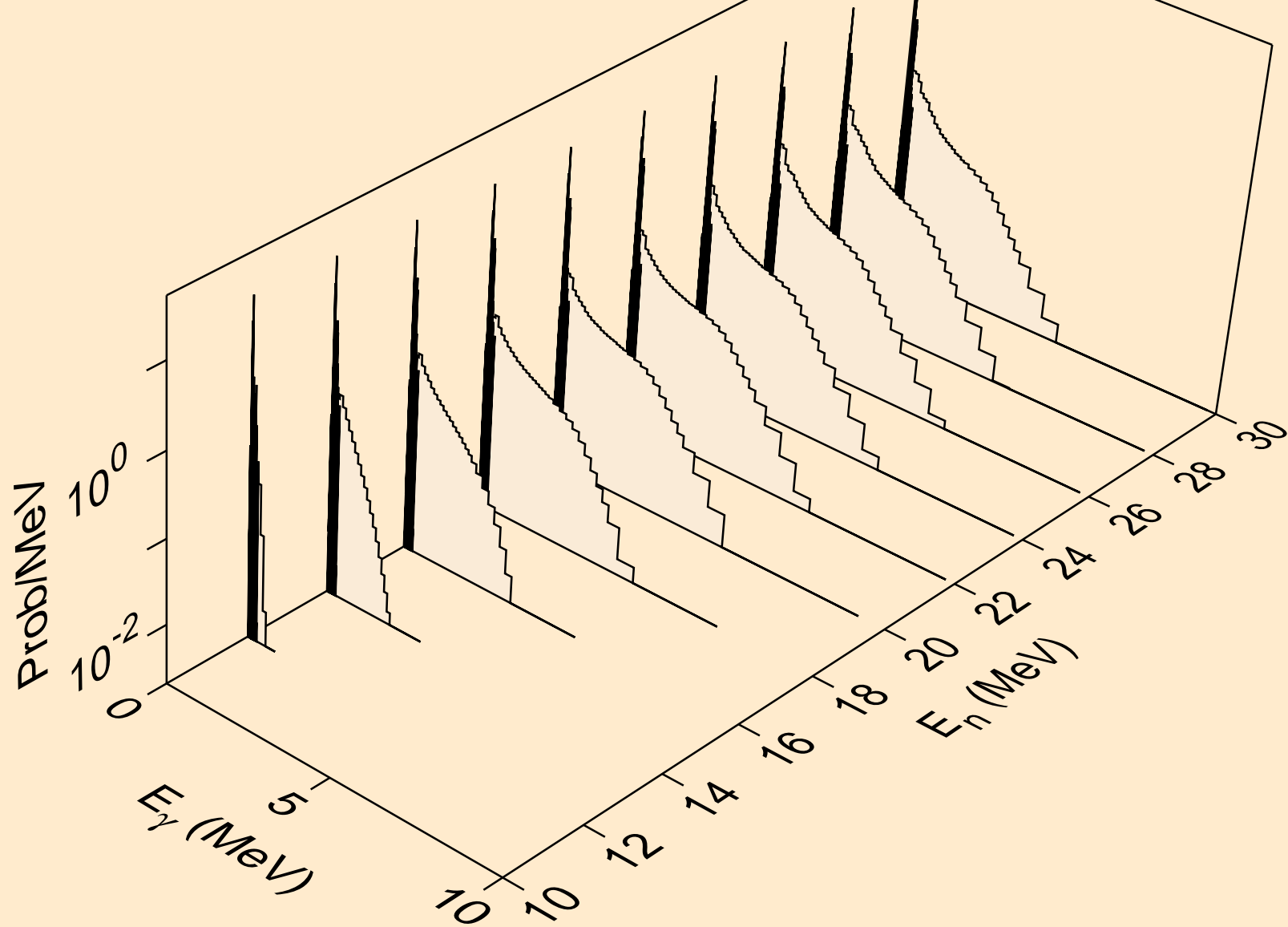




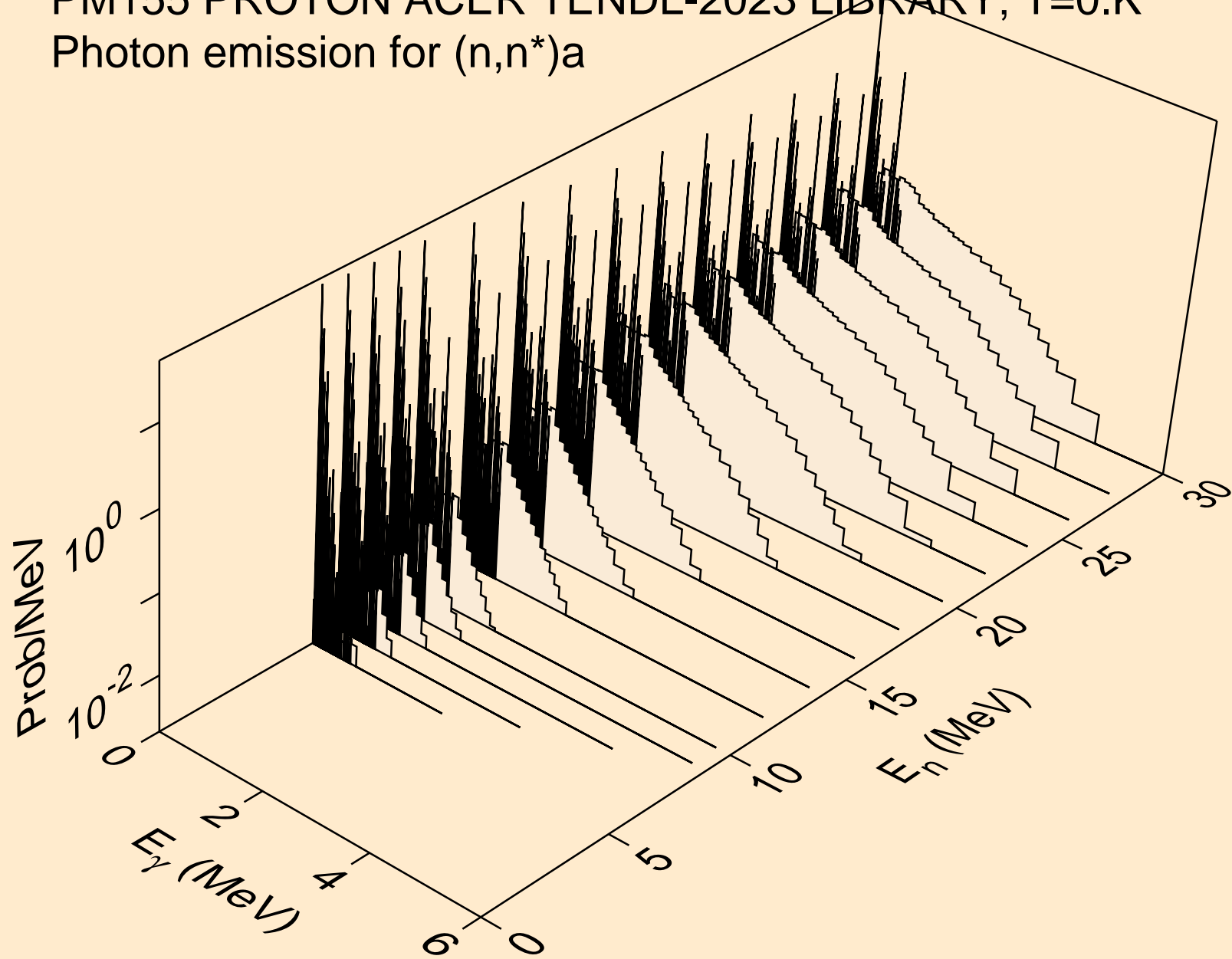
PM155 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



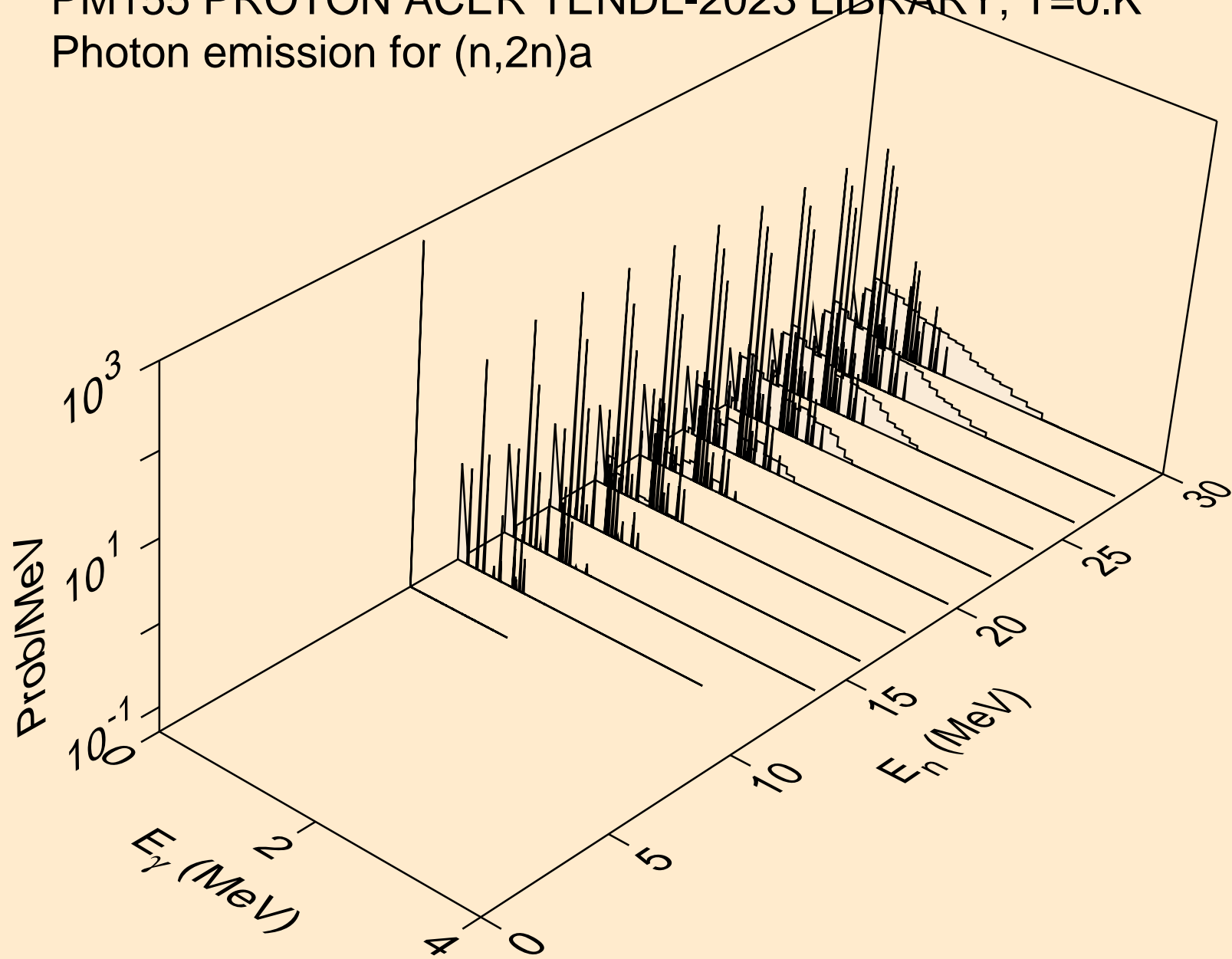
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Photon emission for (n,3n)



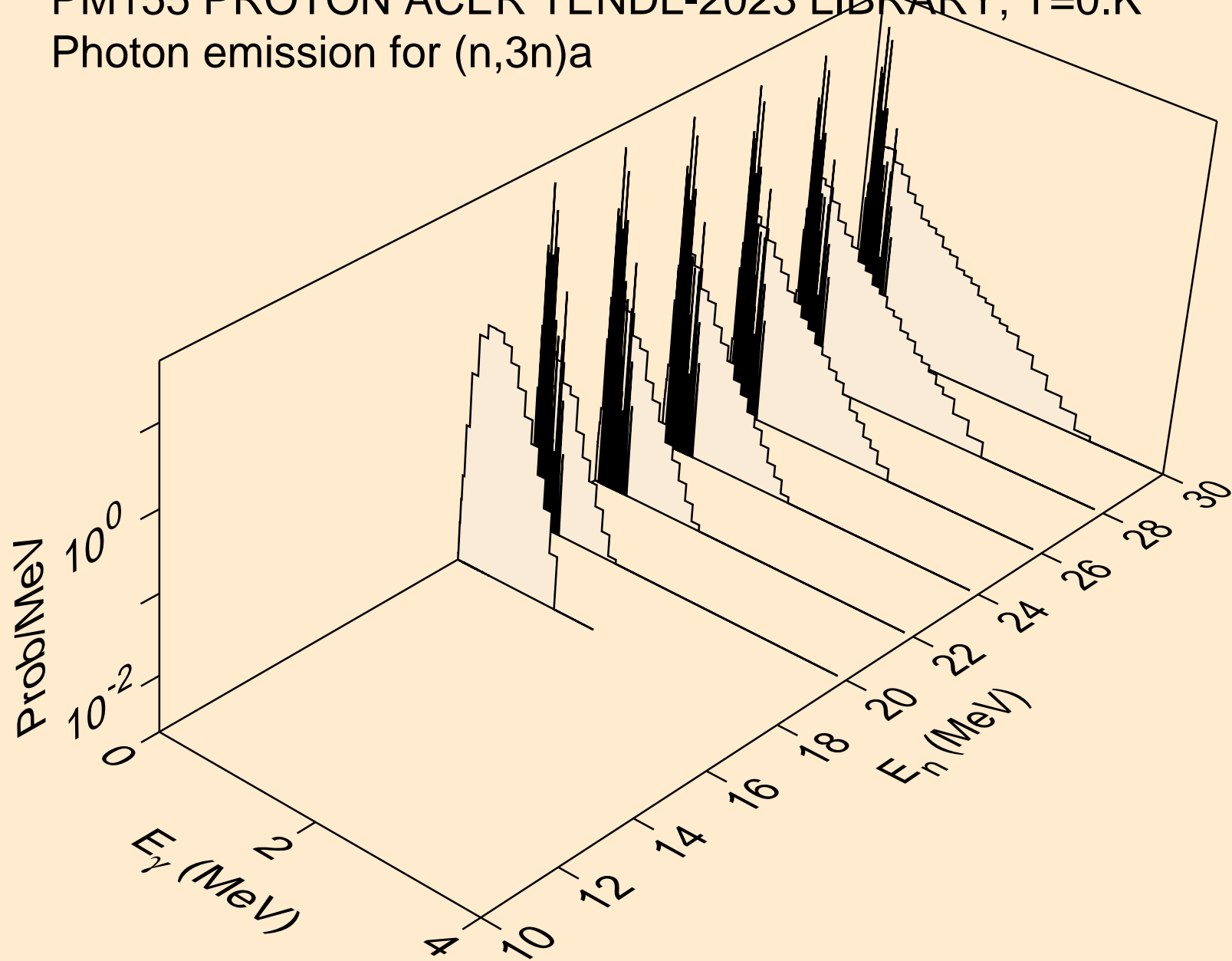
PM155 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



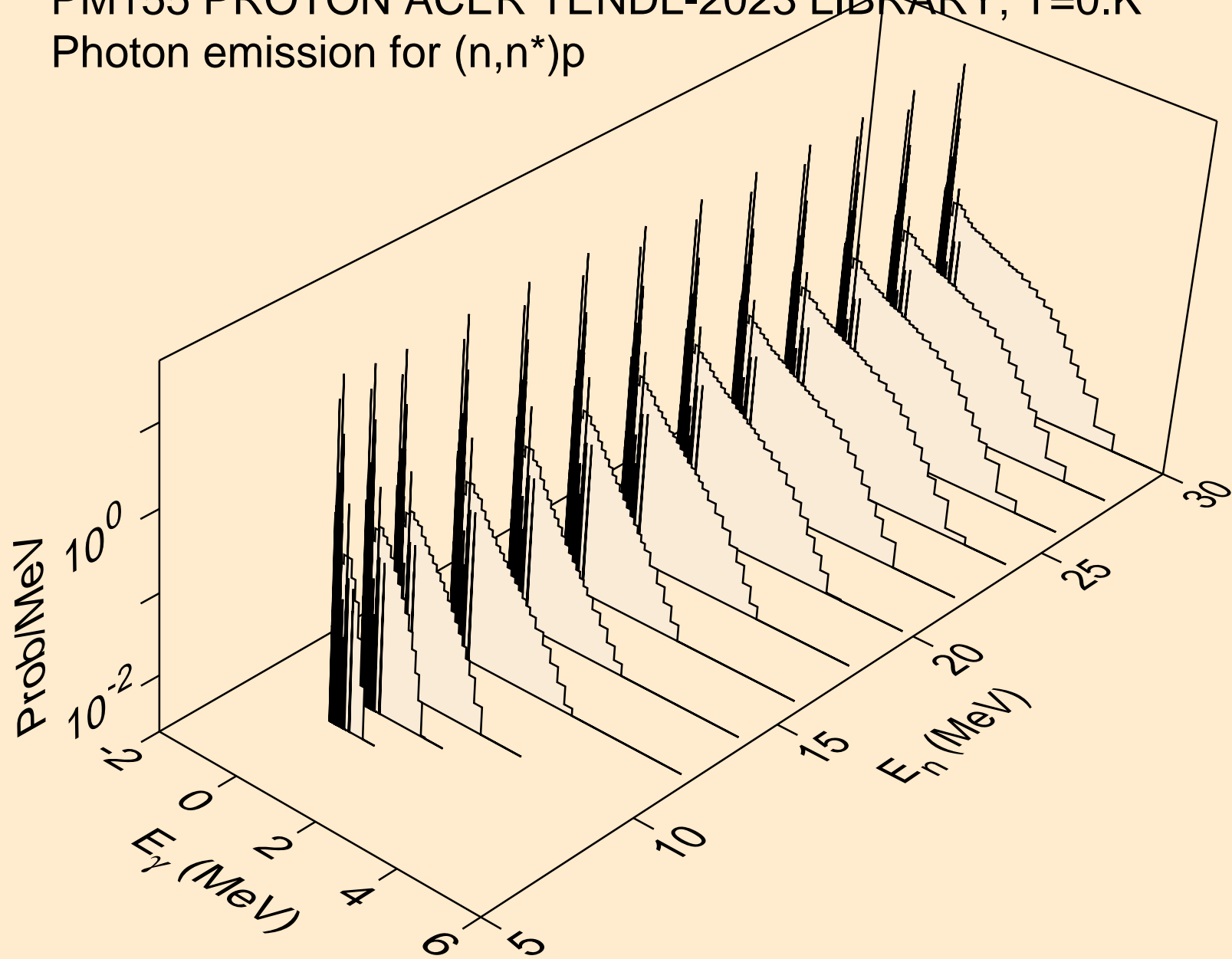
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Photon emission for (n,2n)a



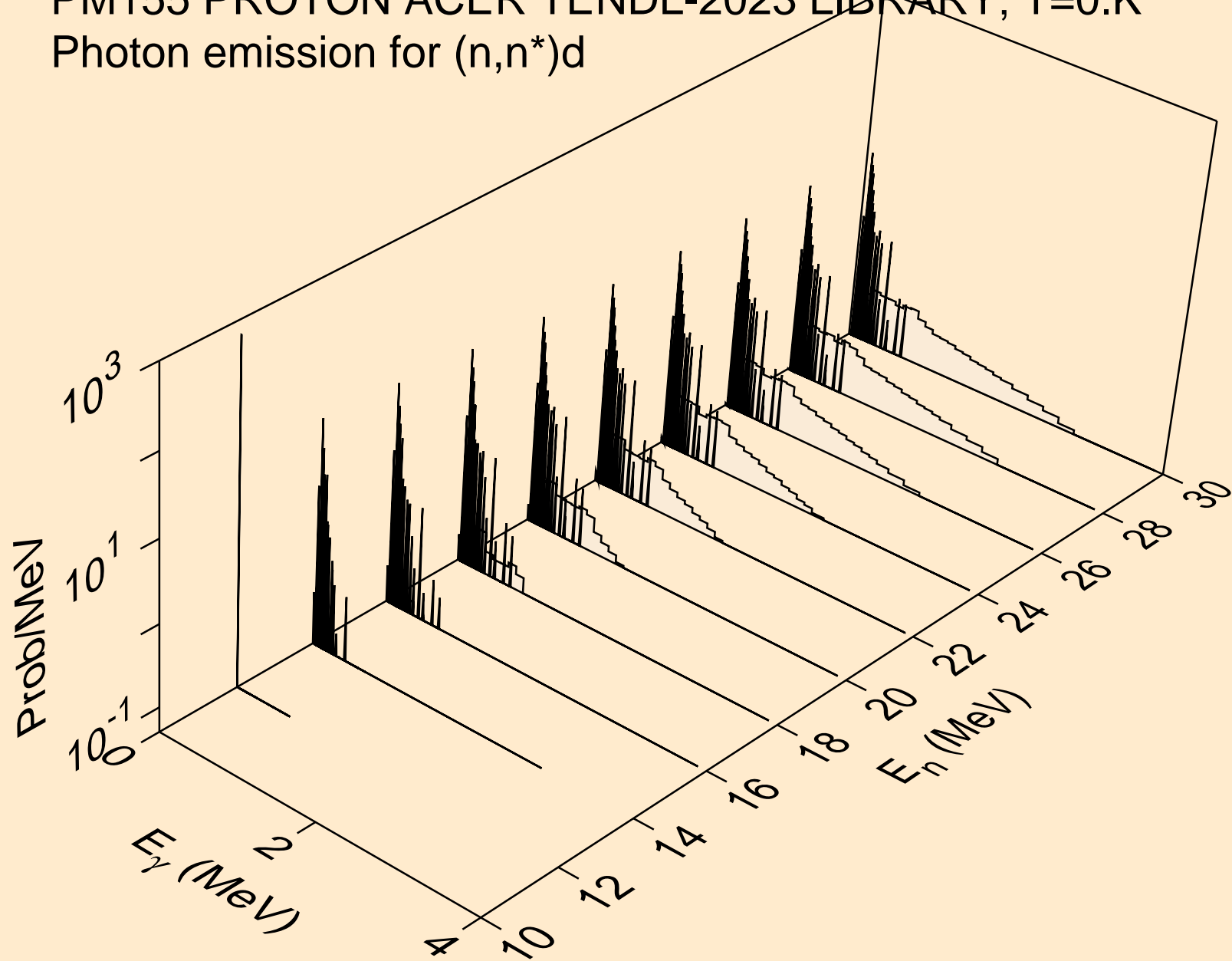
PM155 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



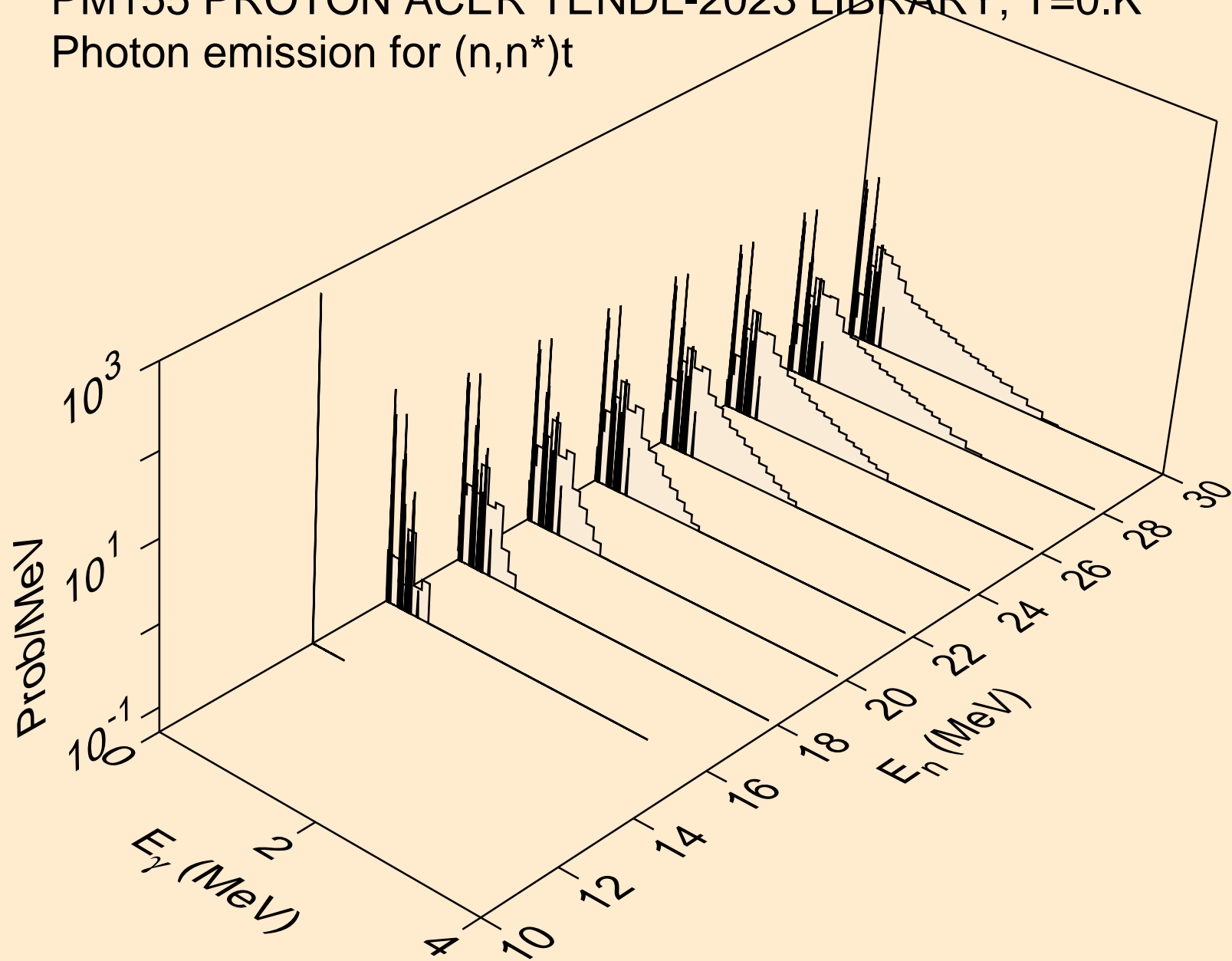
PM155 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



PM155 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

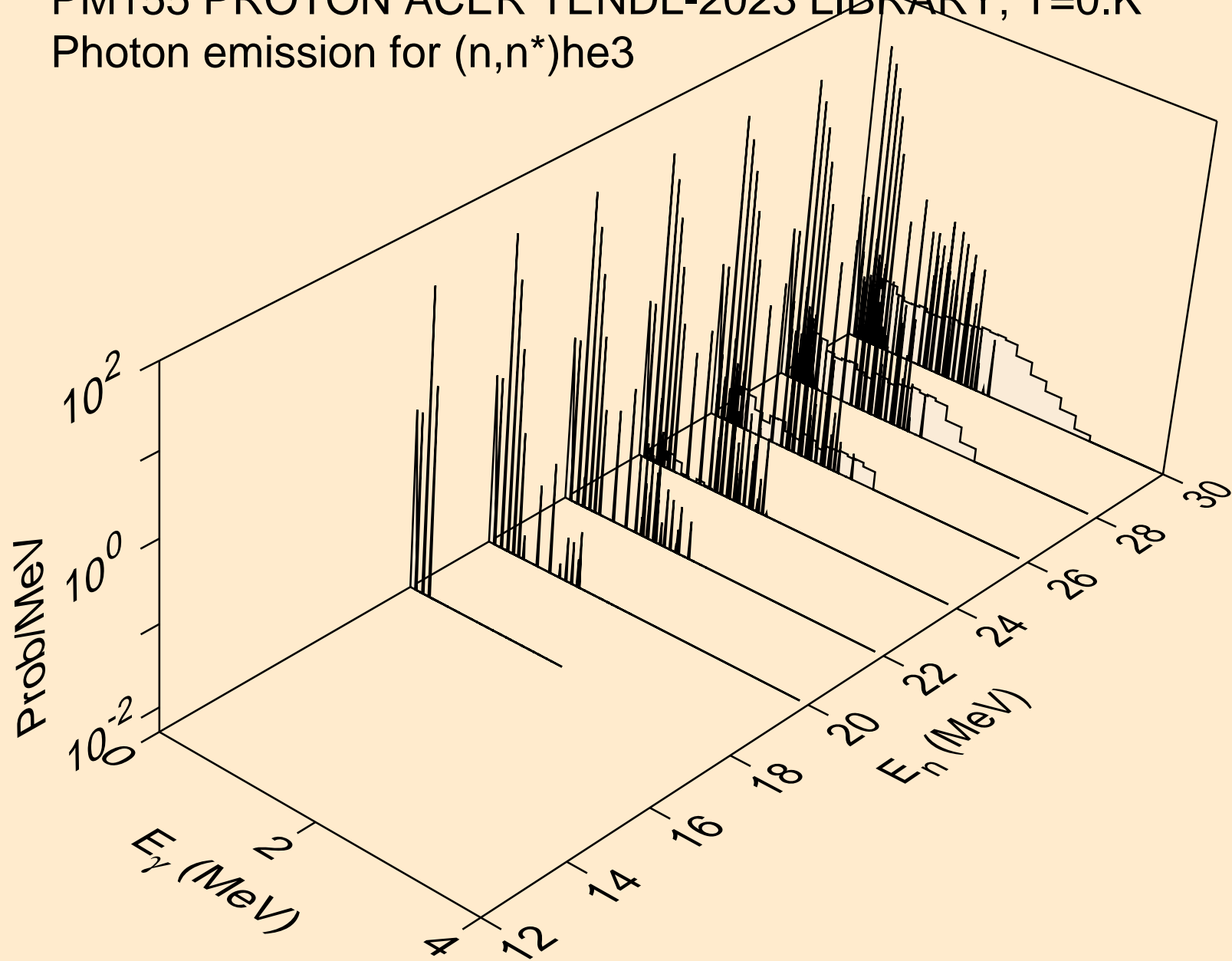


PM155 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

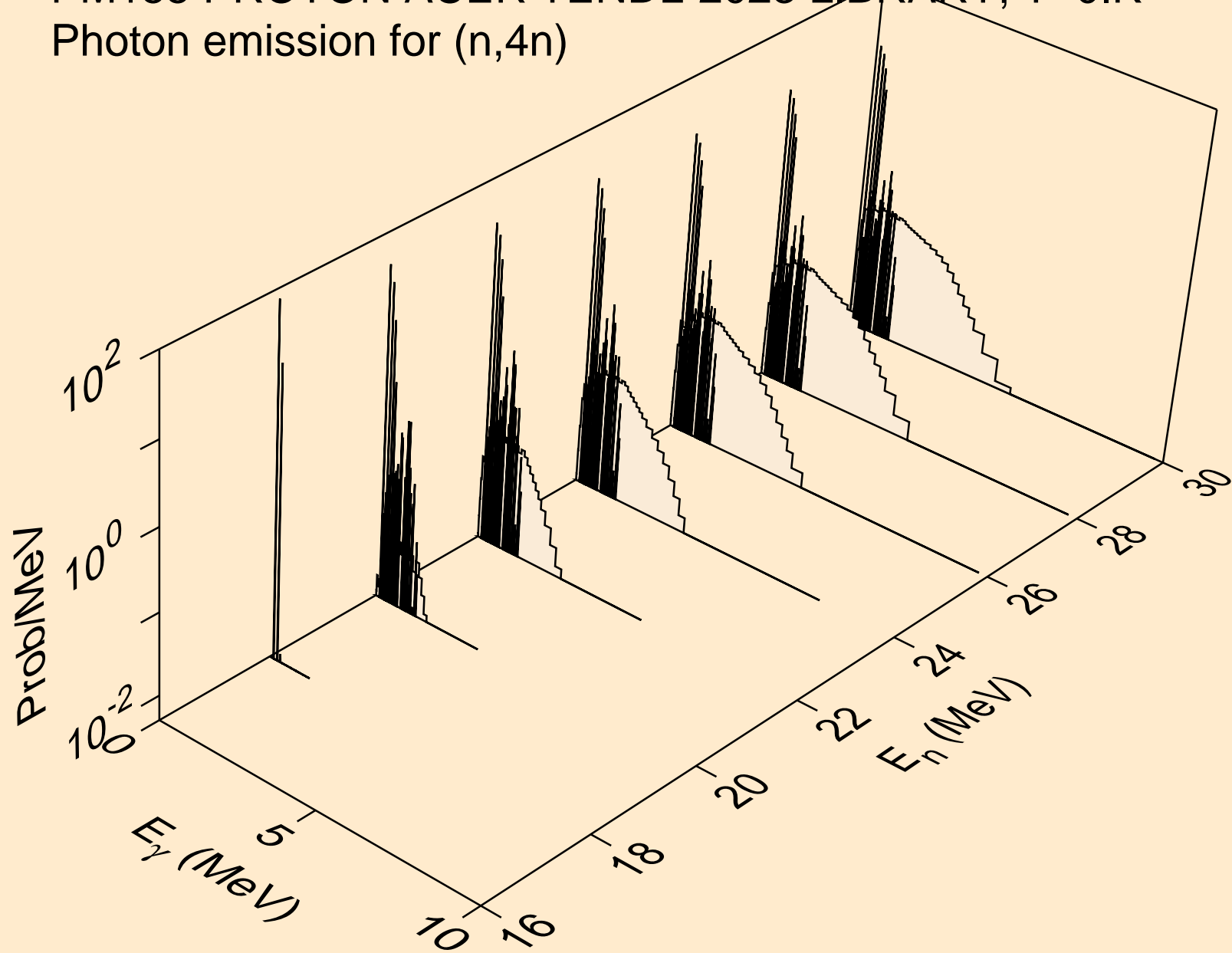




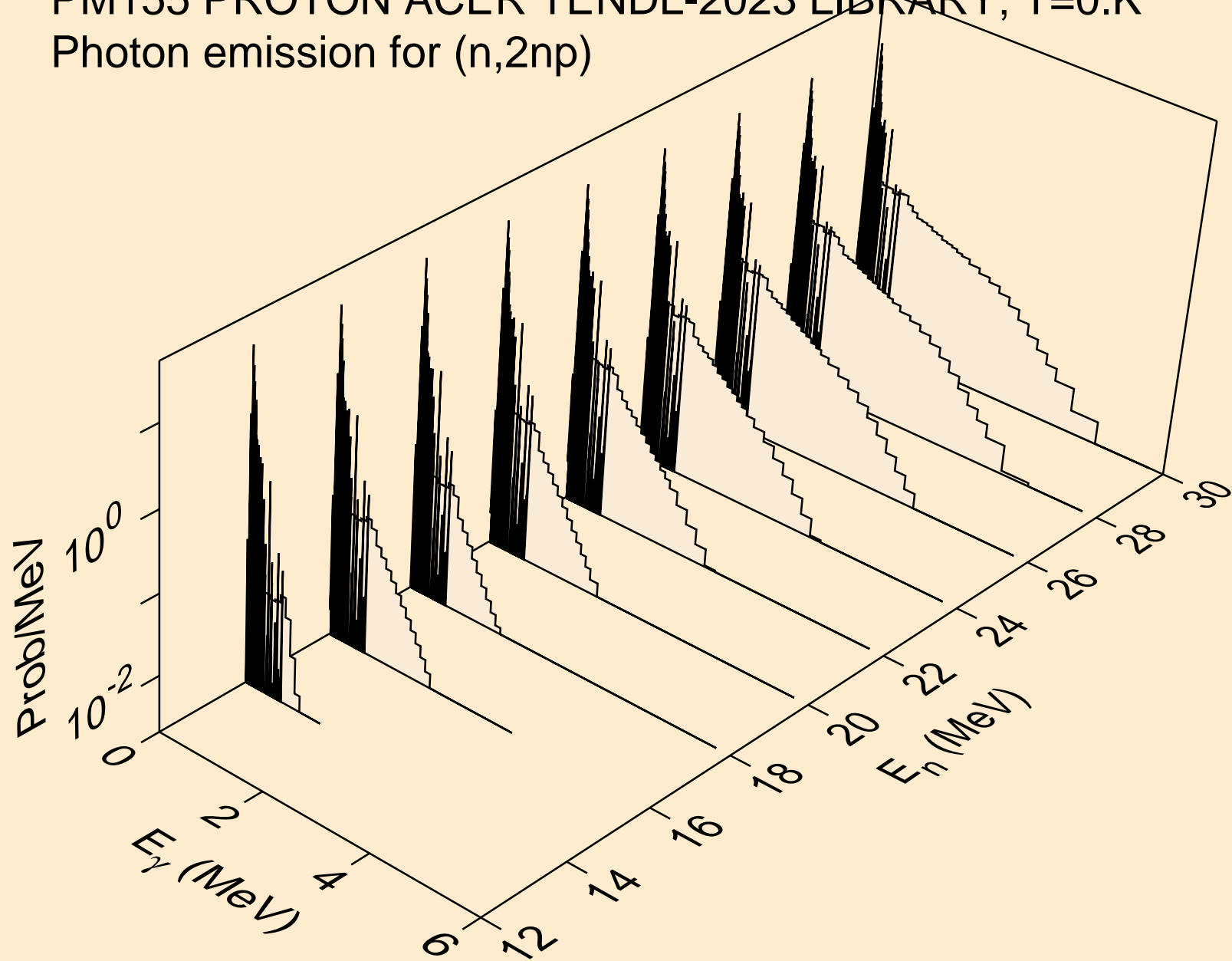
PM155 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



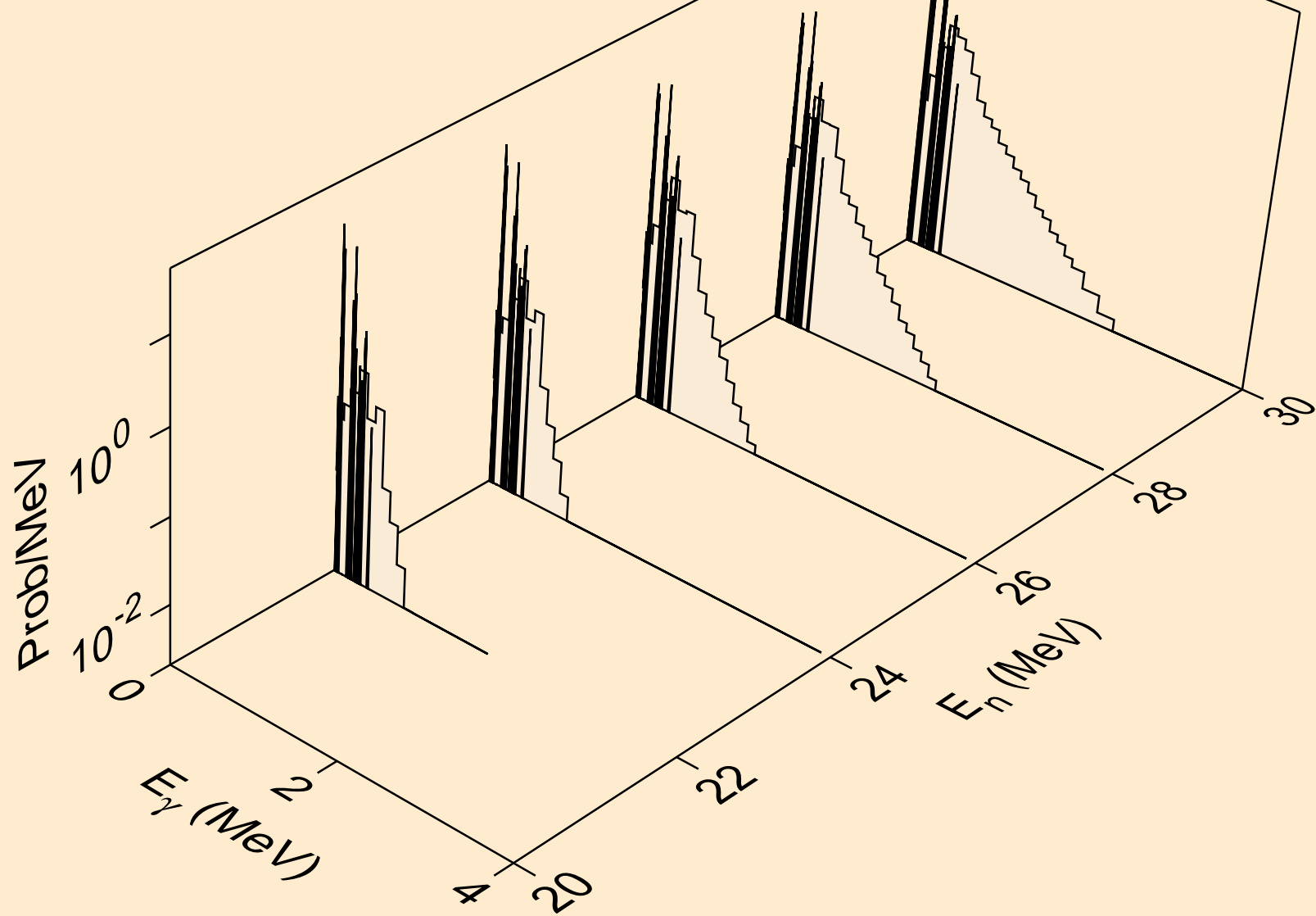
PM155 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



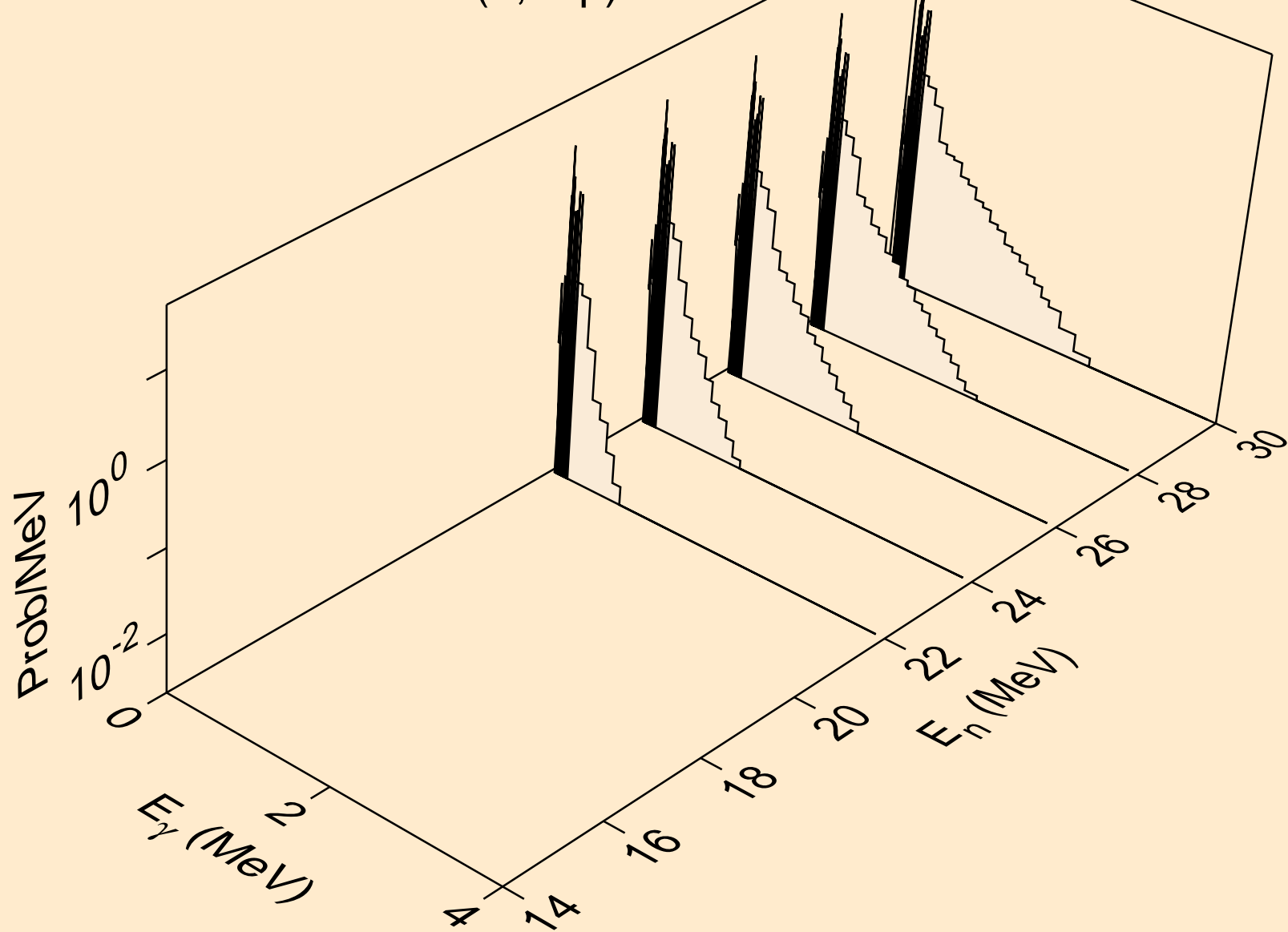
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Photon emission for (n,2np)



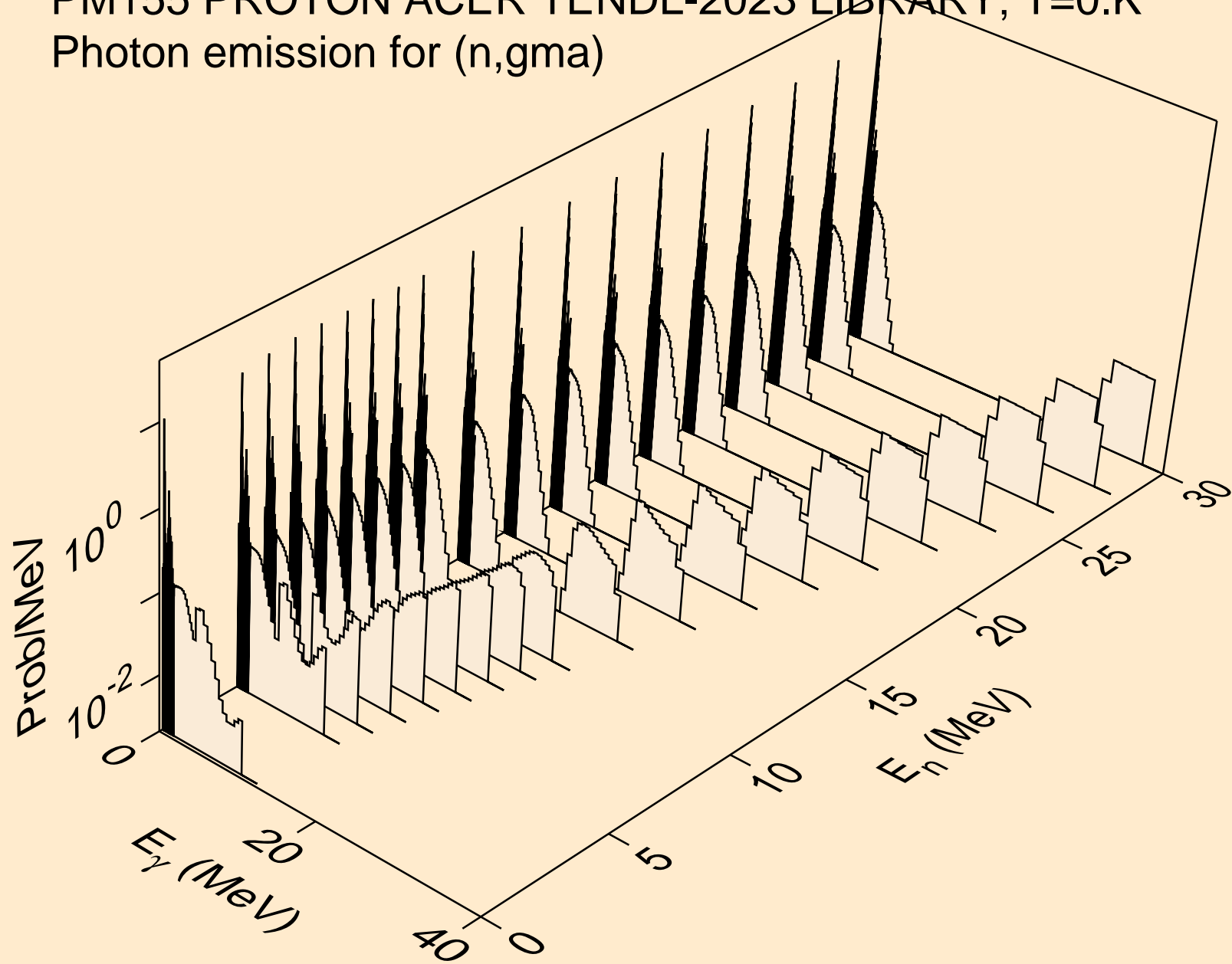
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Photon emission for (n,3np)



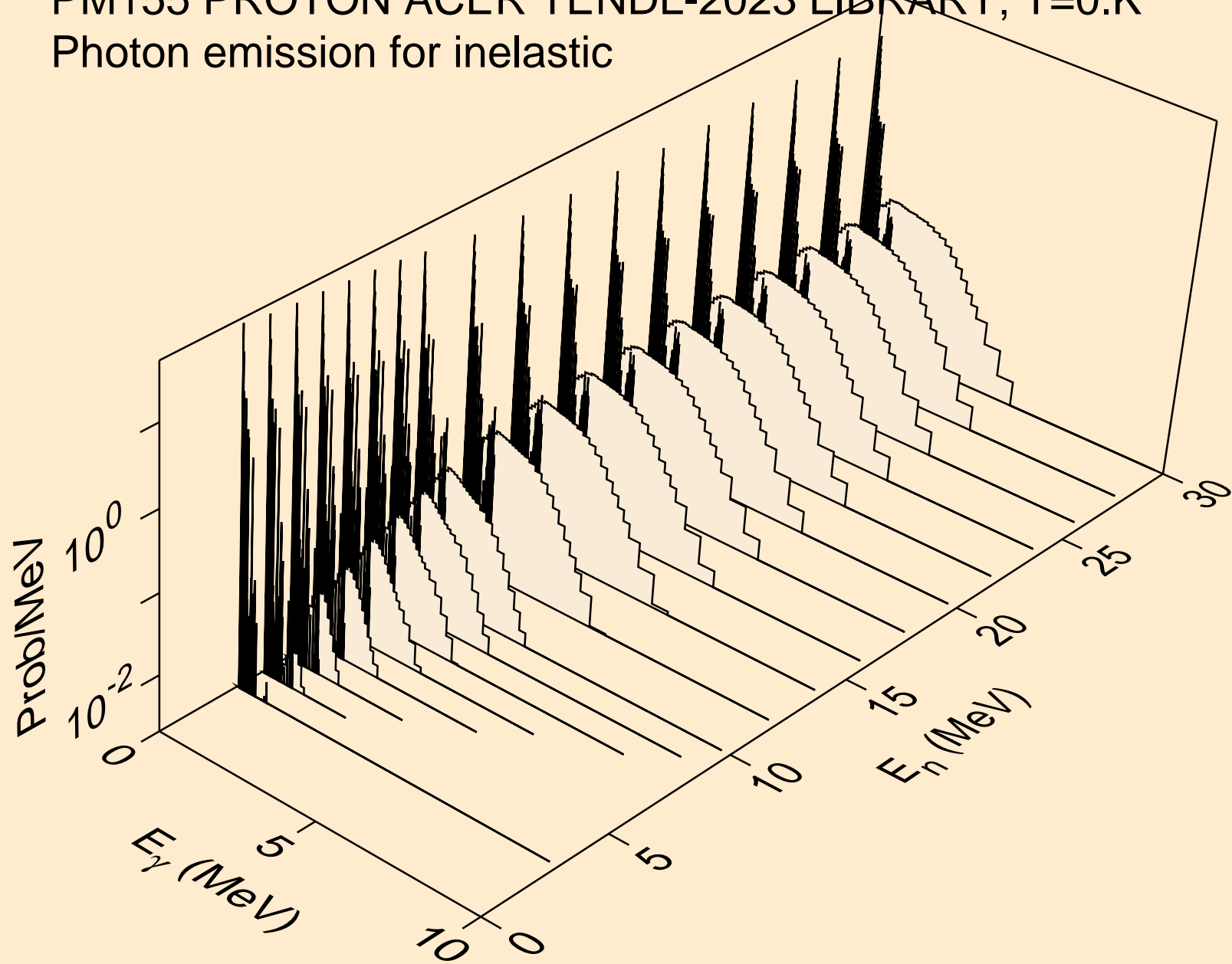
PM155 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



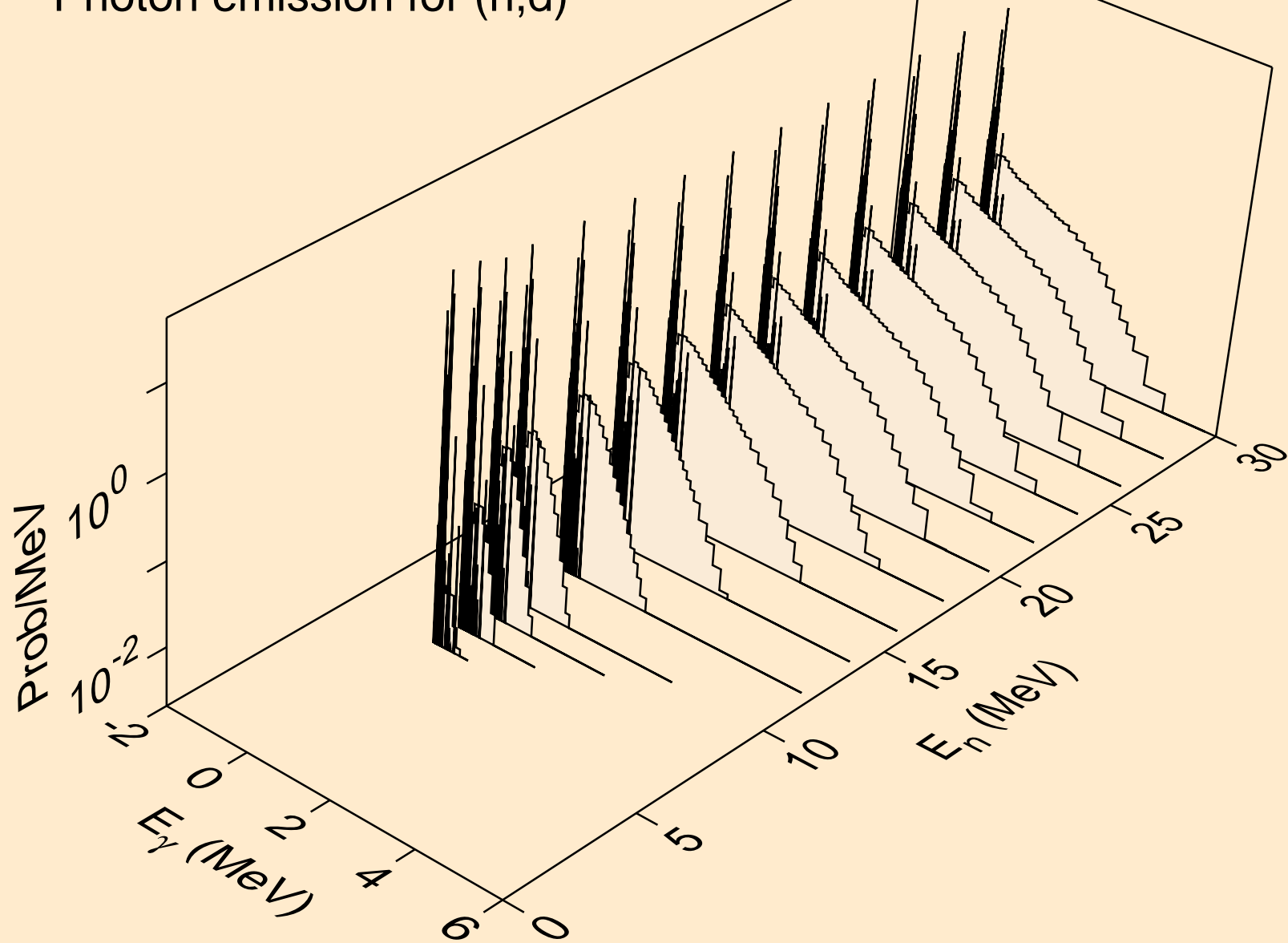
PM155 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



PM155 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

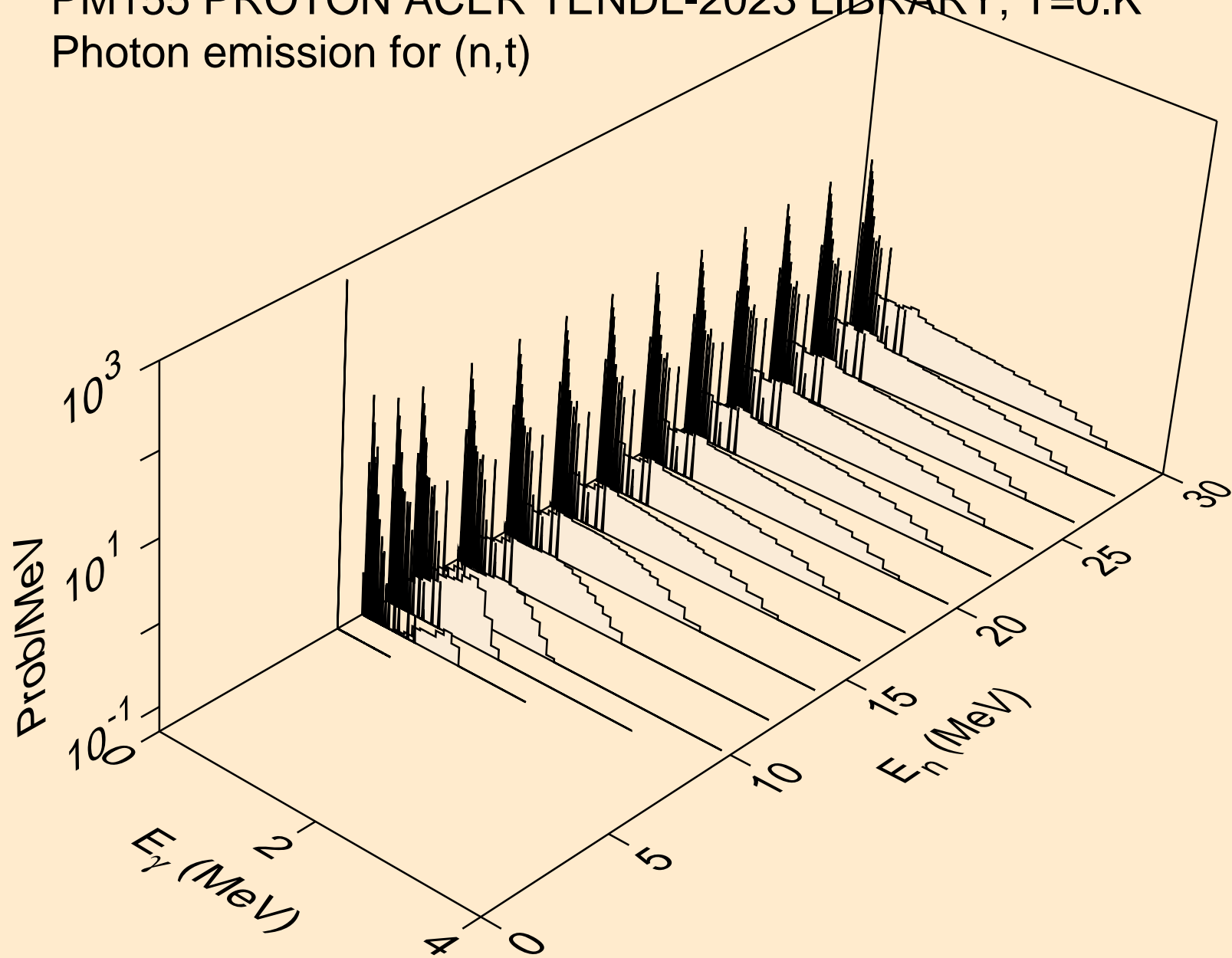


PM155 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)

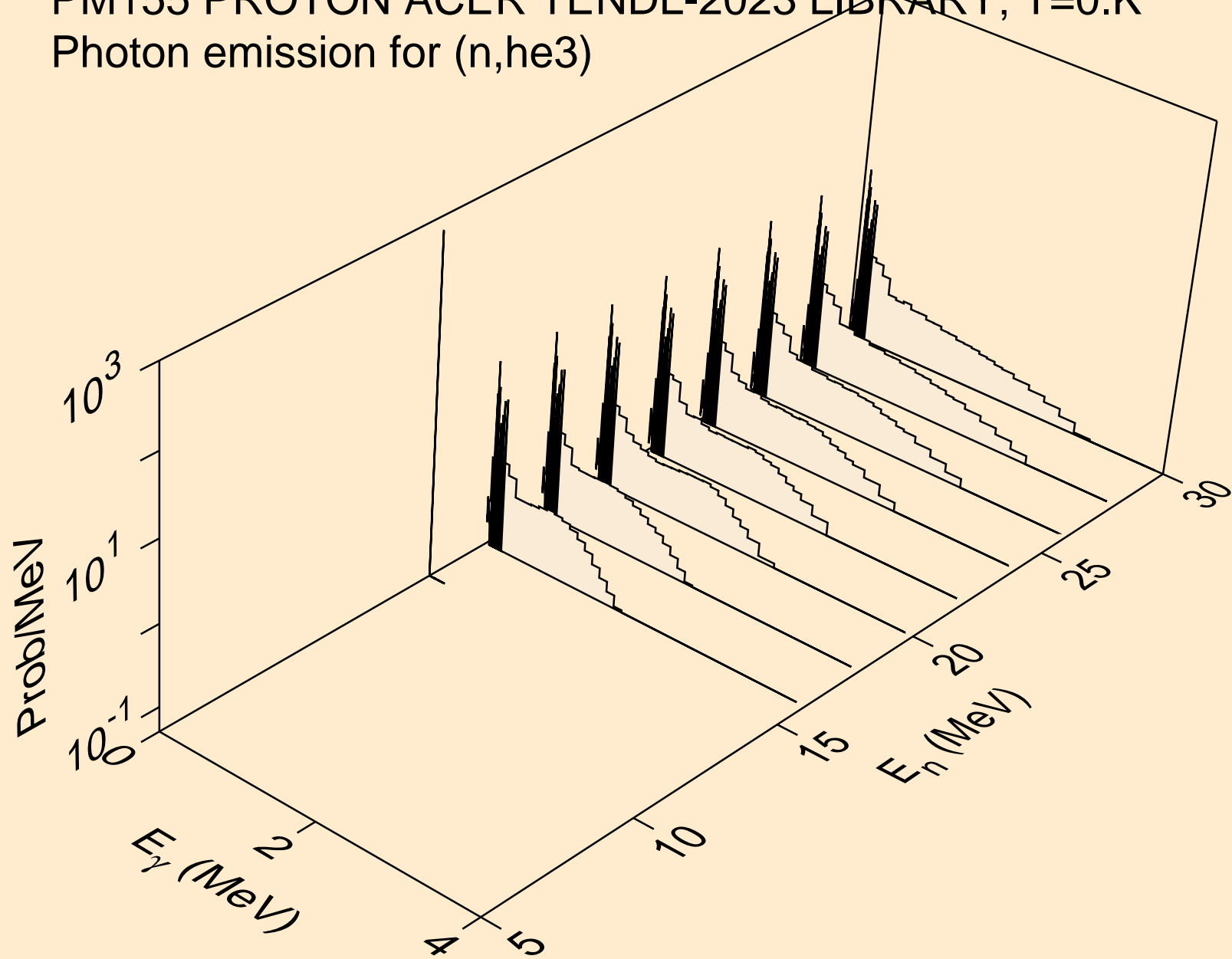




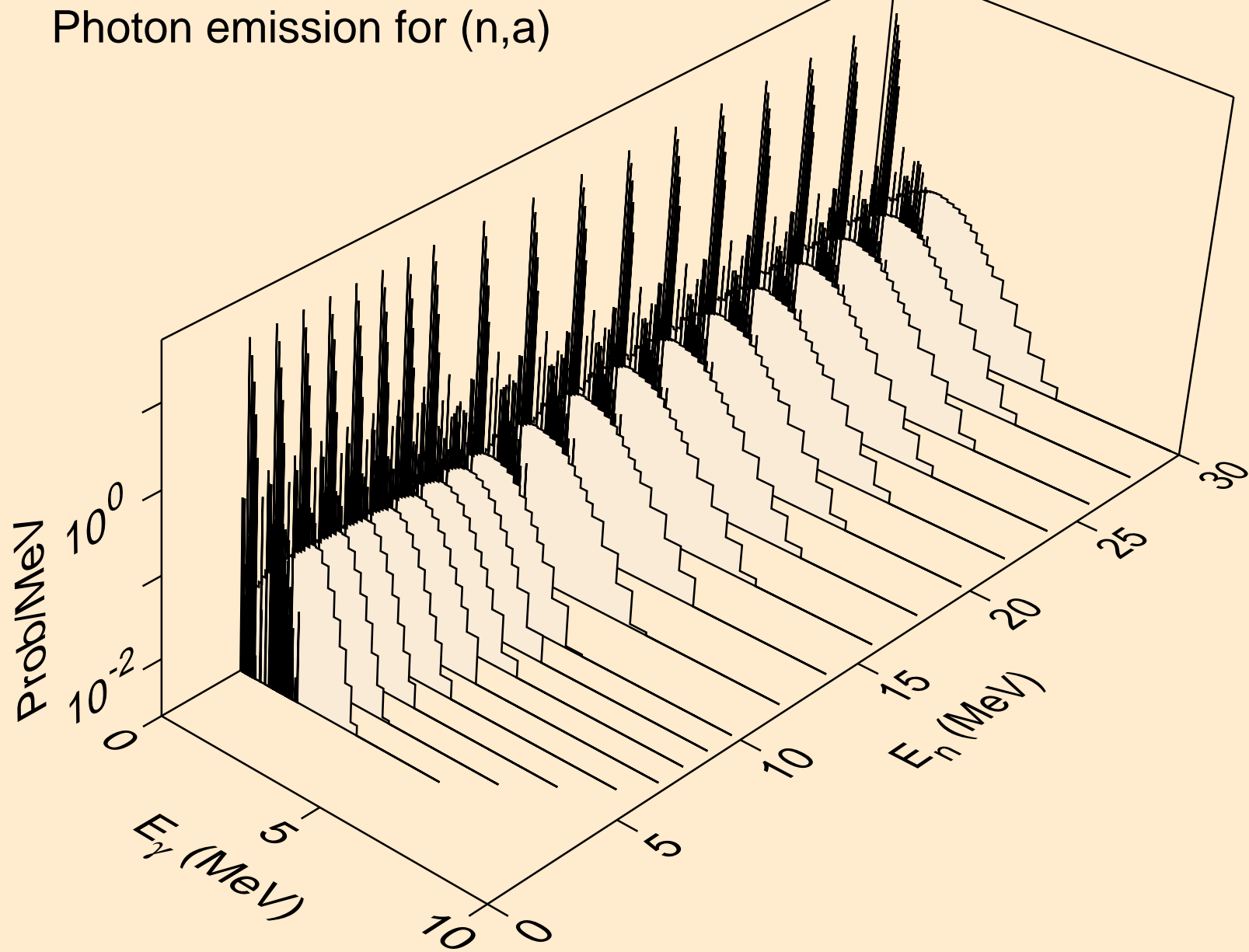
PM155 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



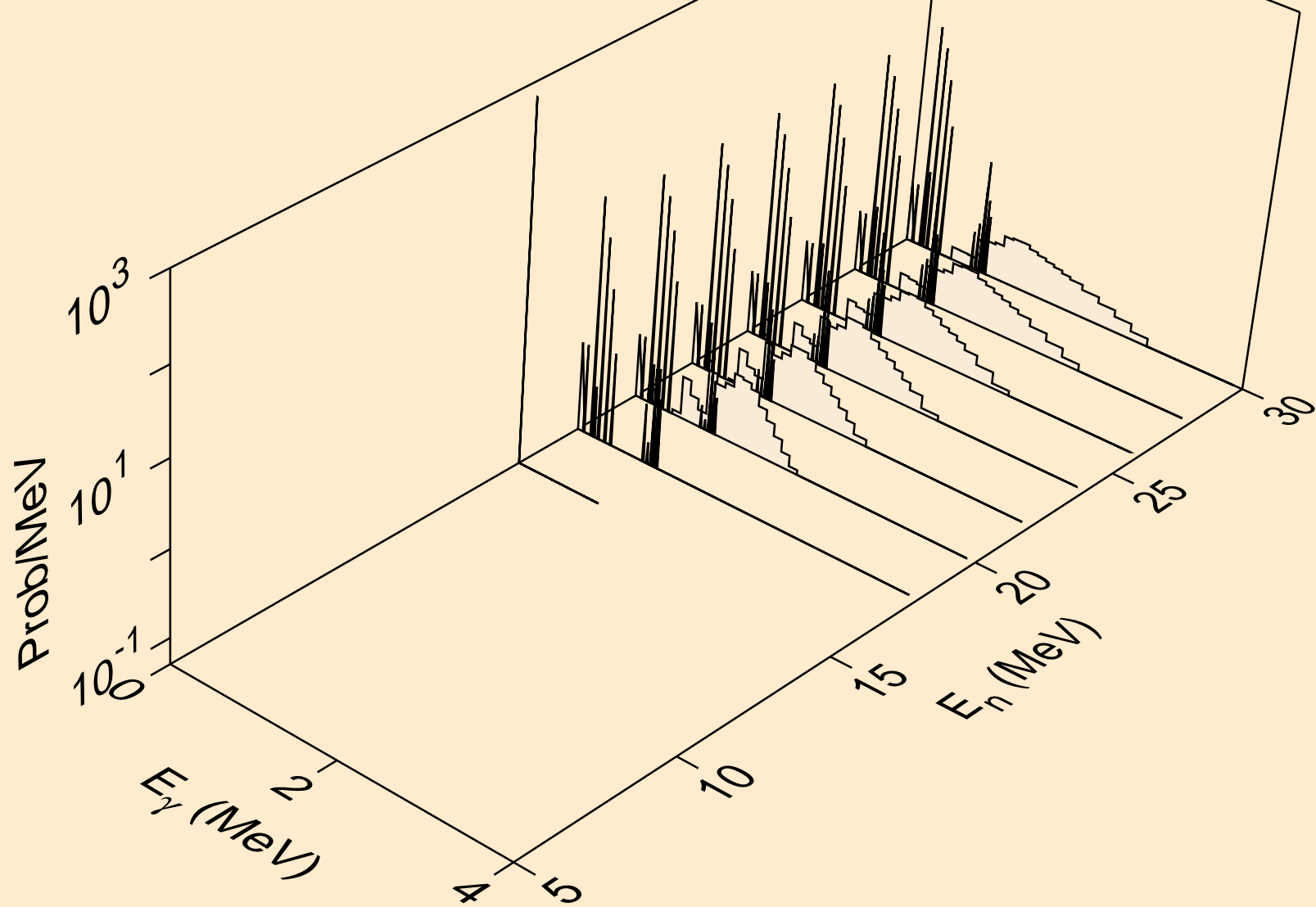
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Photon emission for (n,he3)



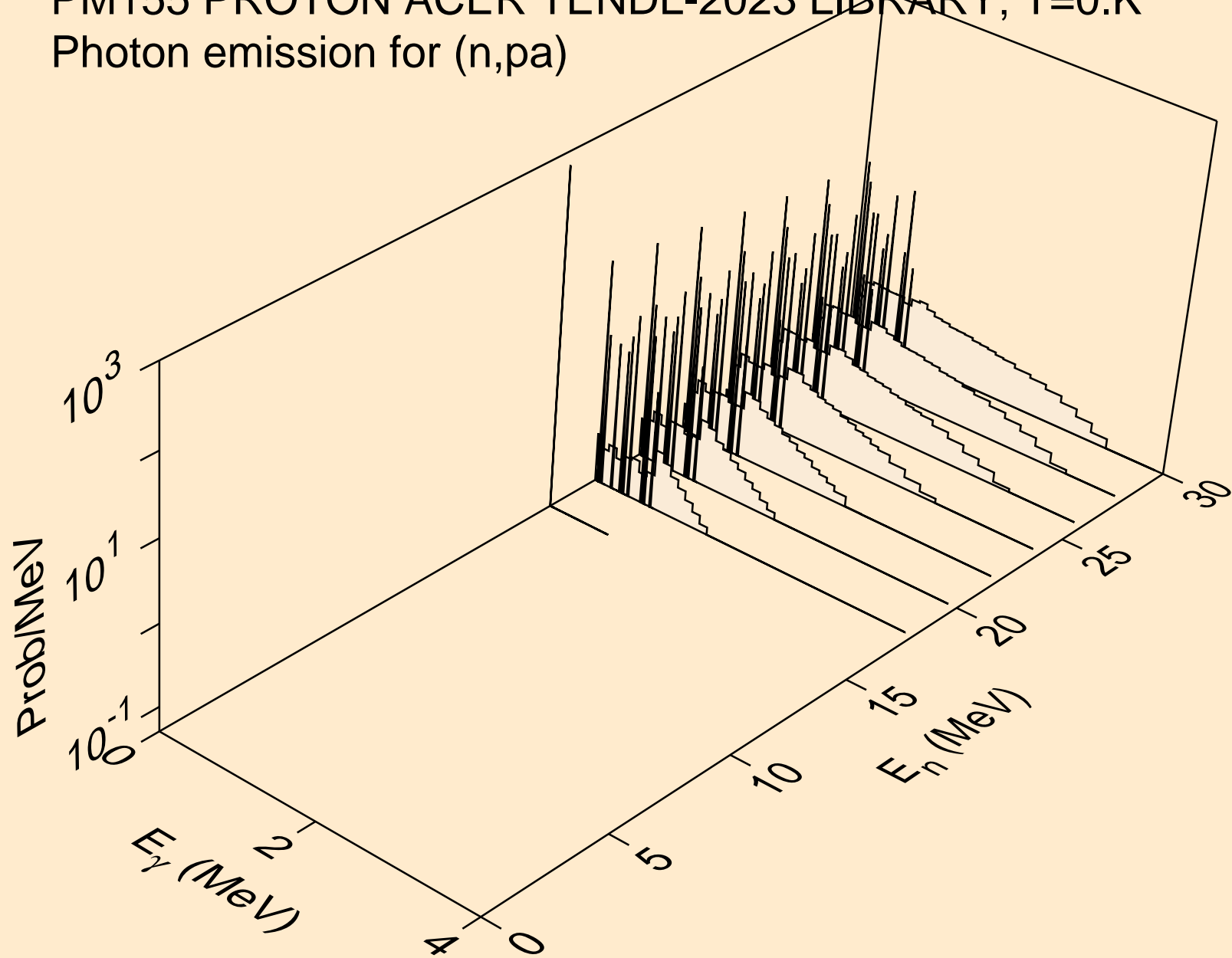
PM155 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



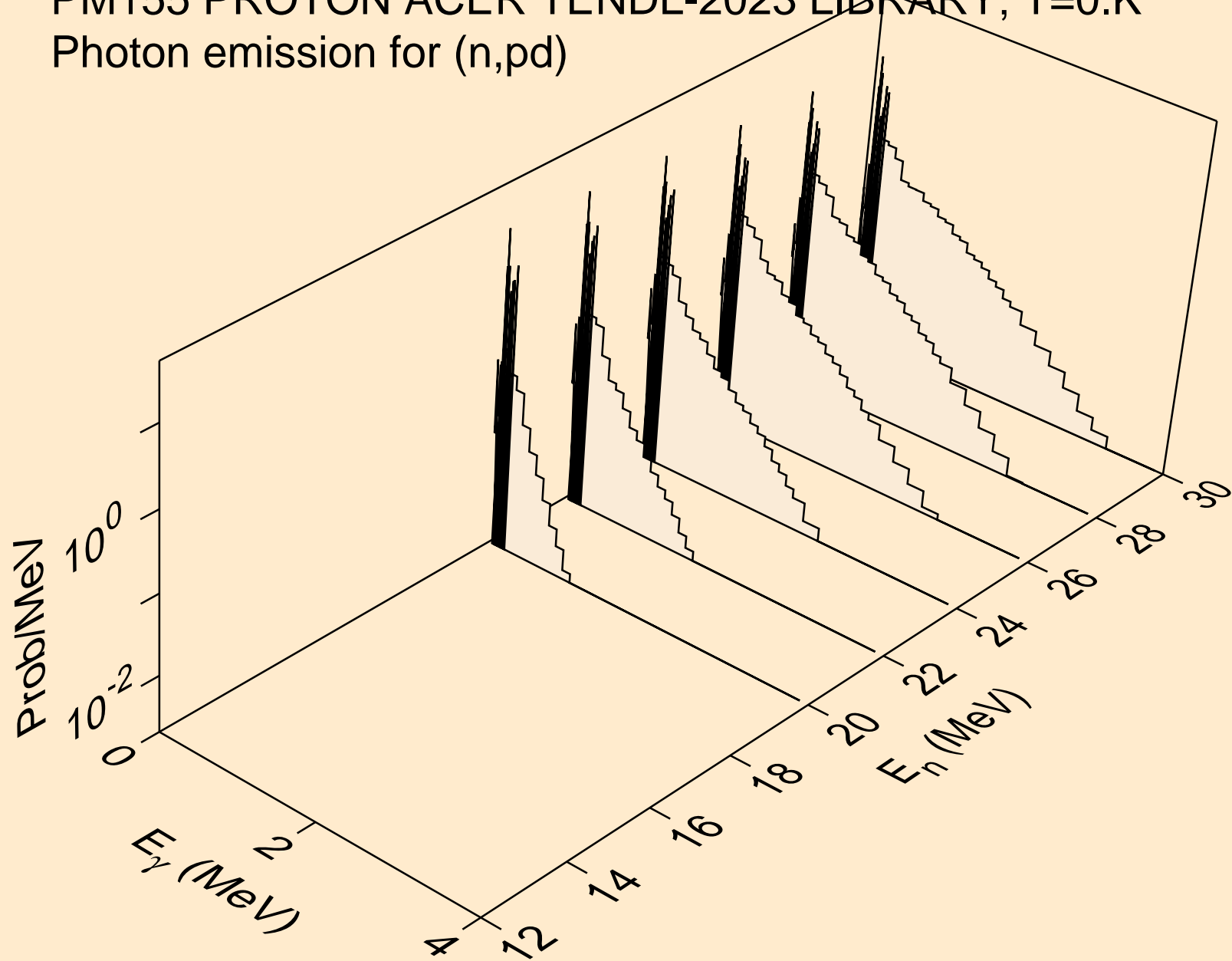
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Photon emission for (n,2p)



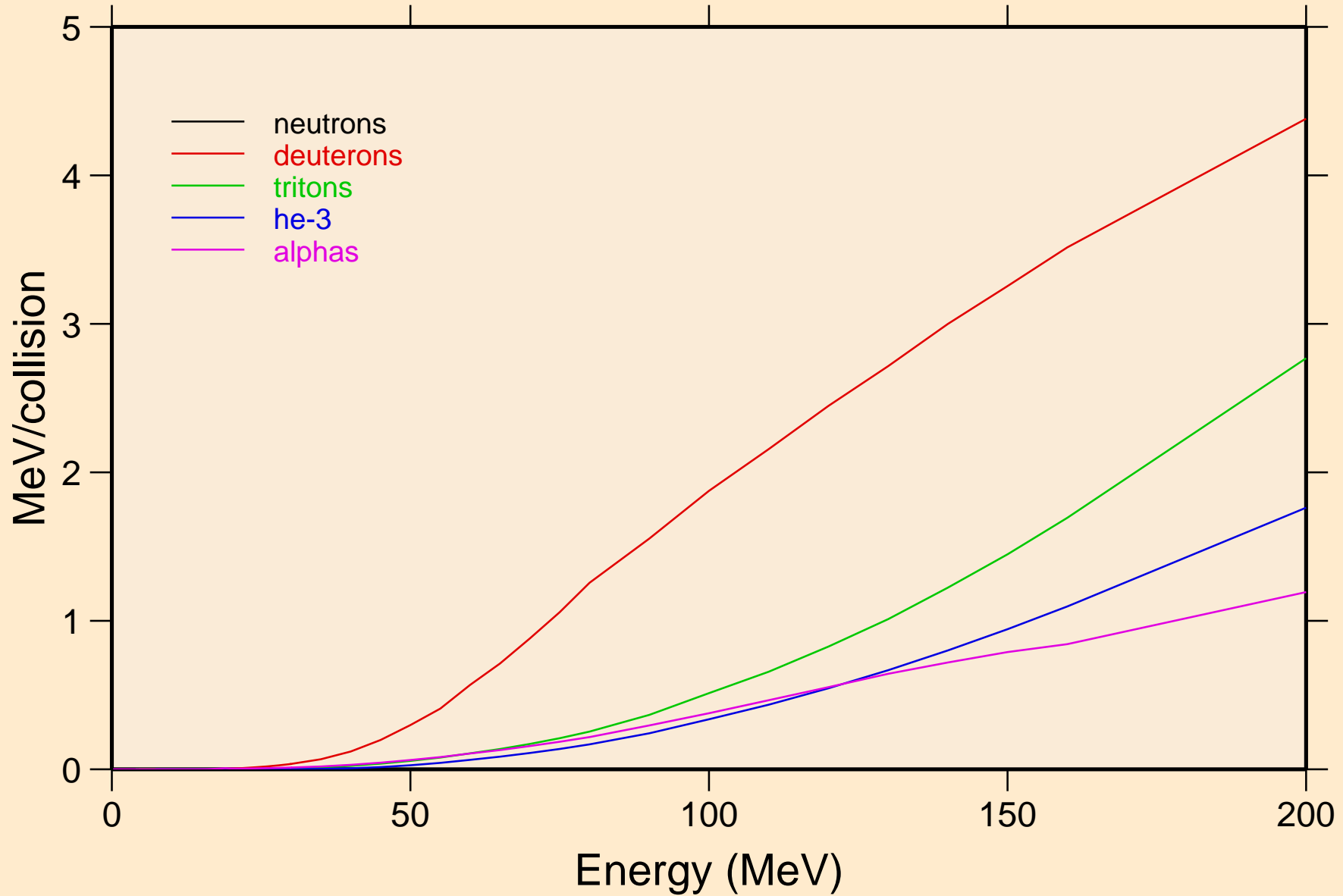
PM155 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



PM155 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)

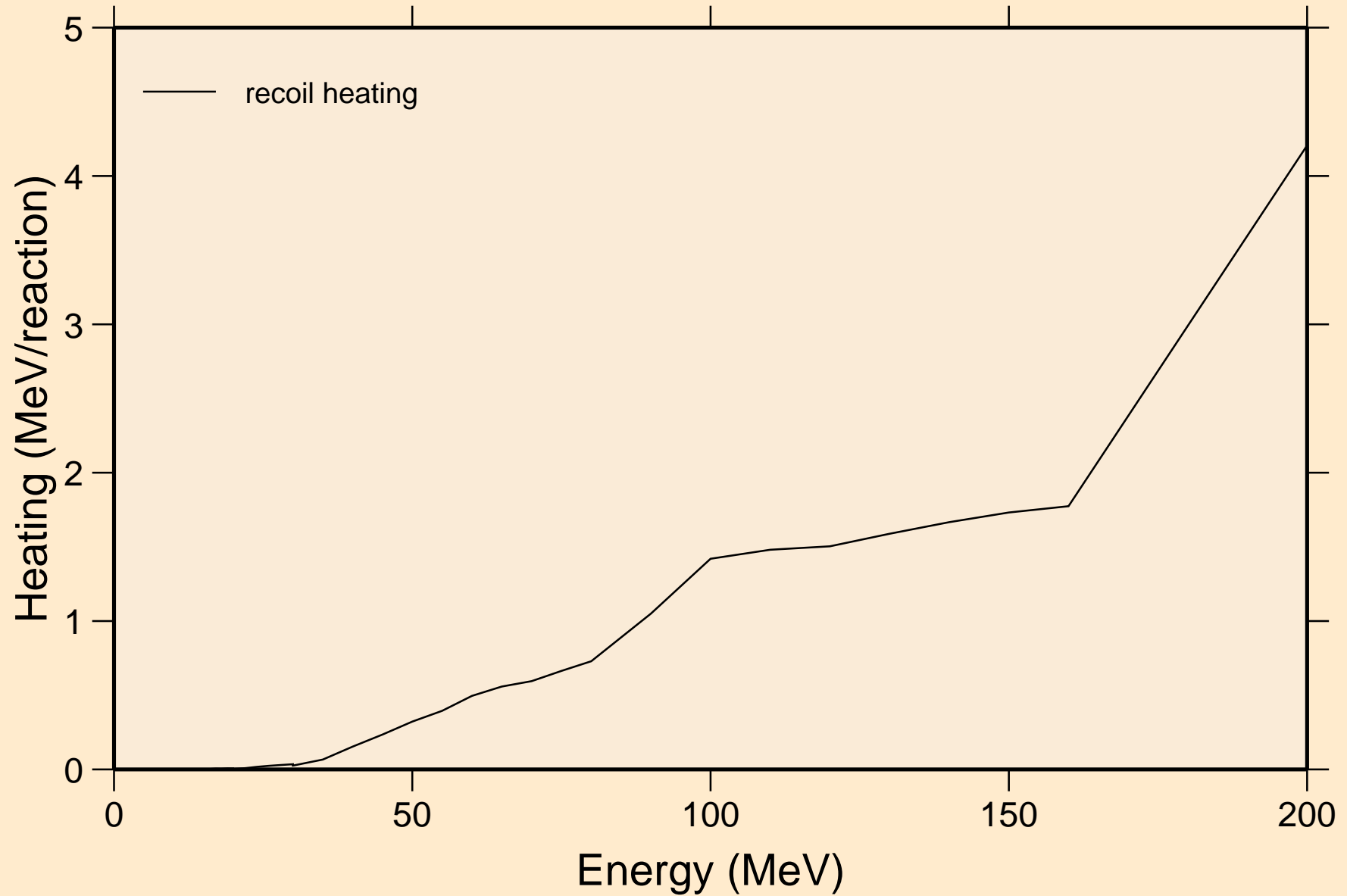


PM155 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



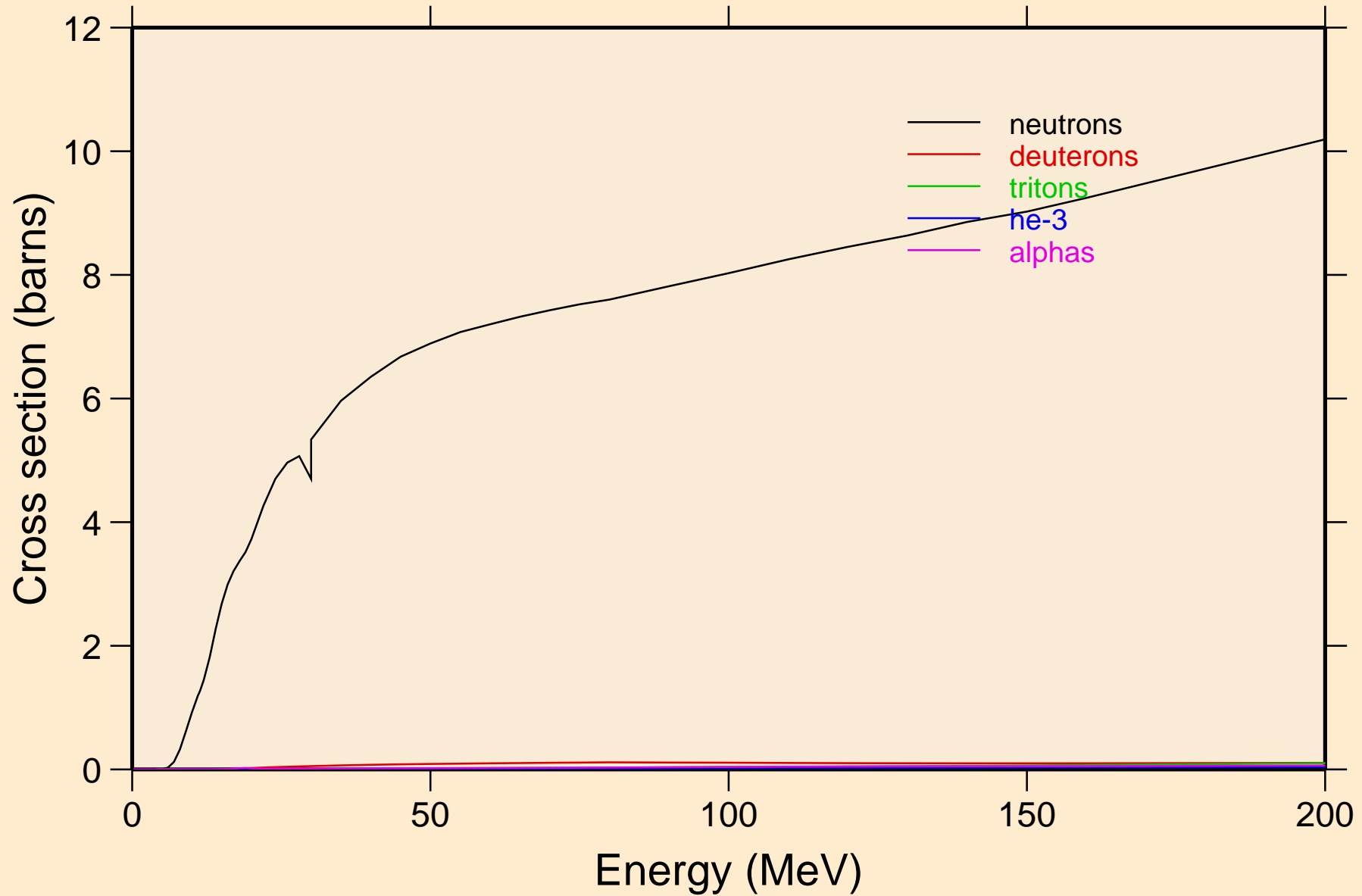
# PM155 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Recoil Heating

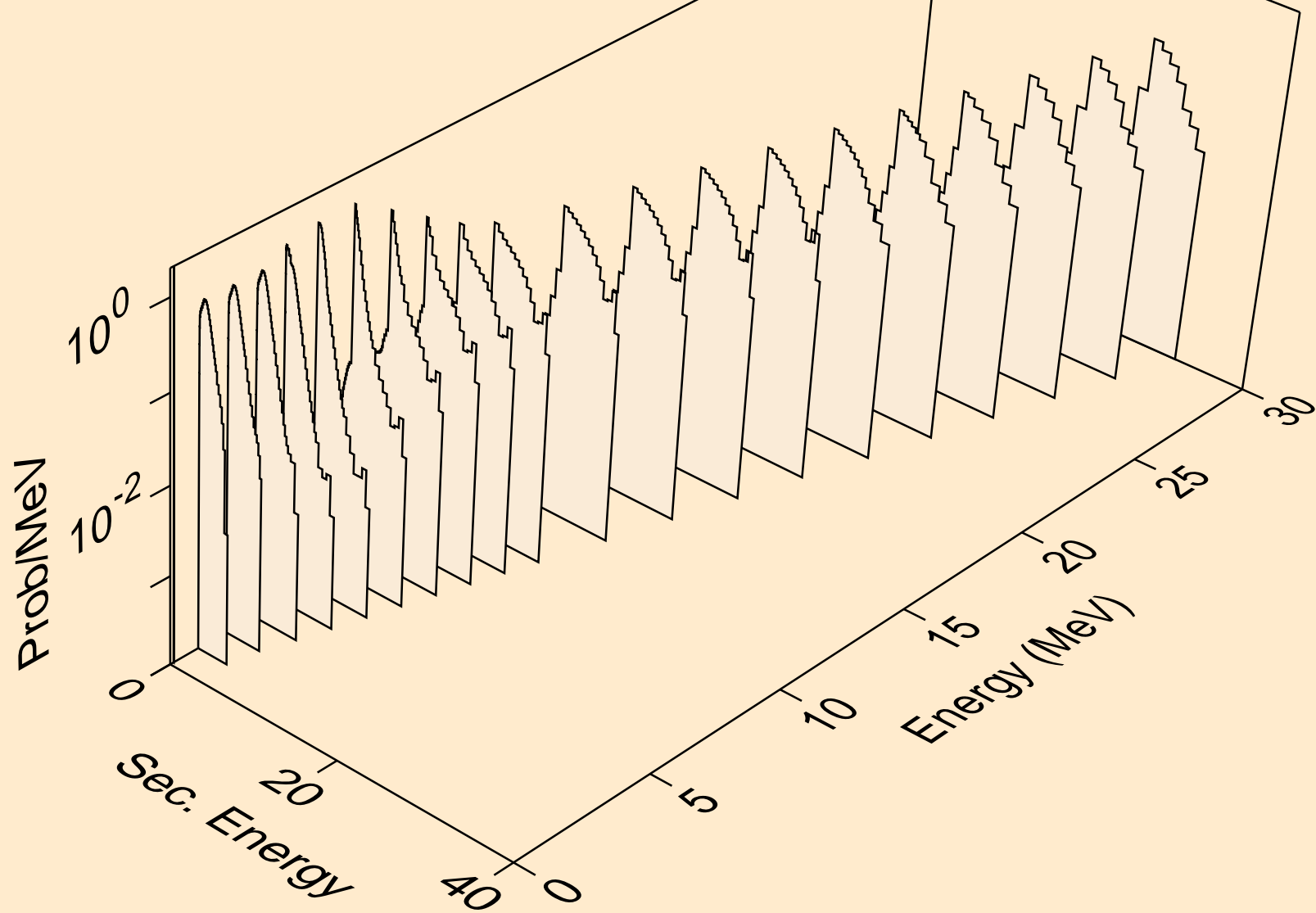




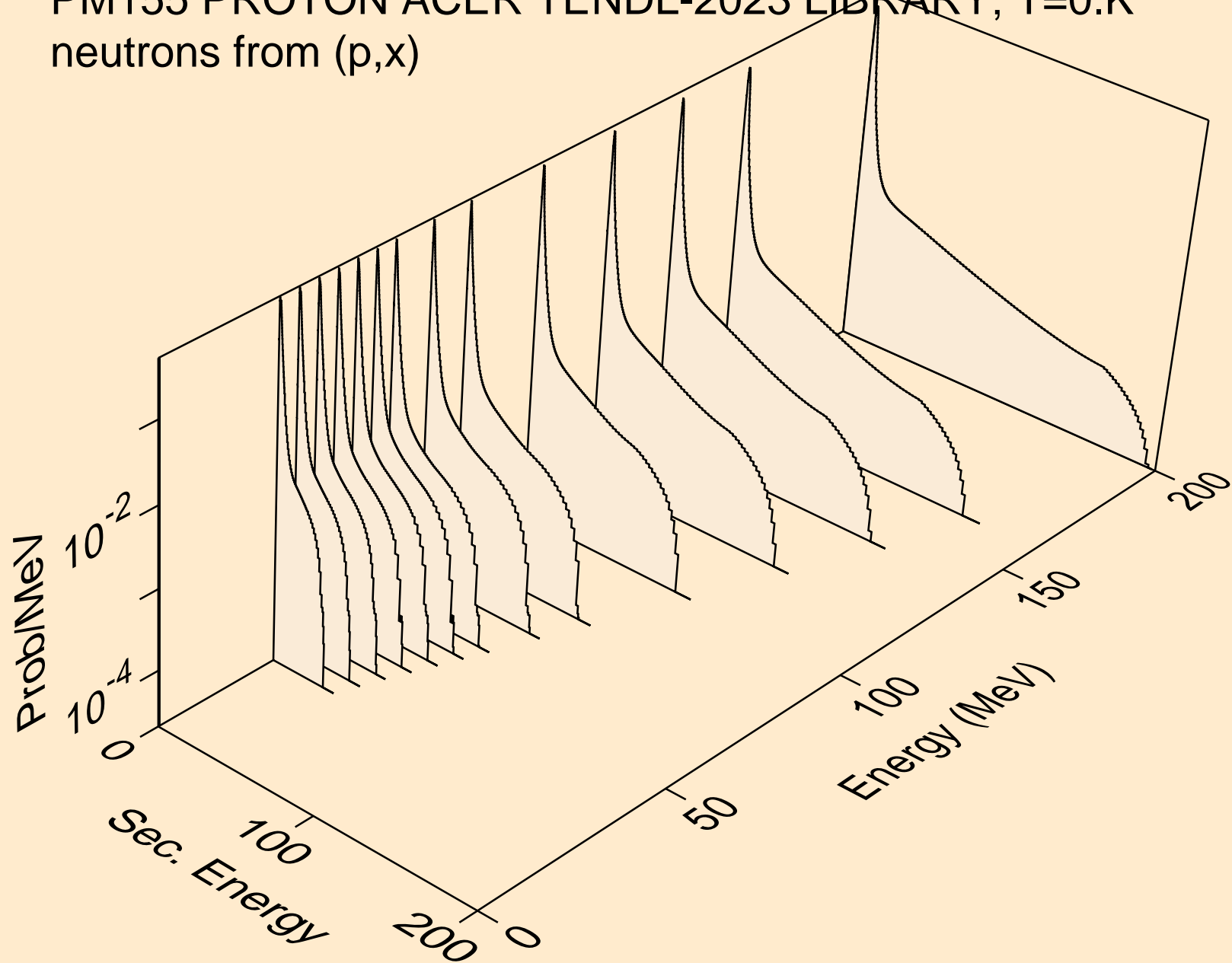
PM155 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



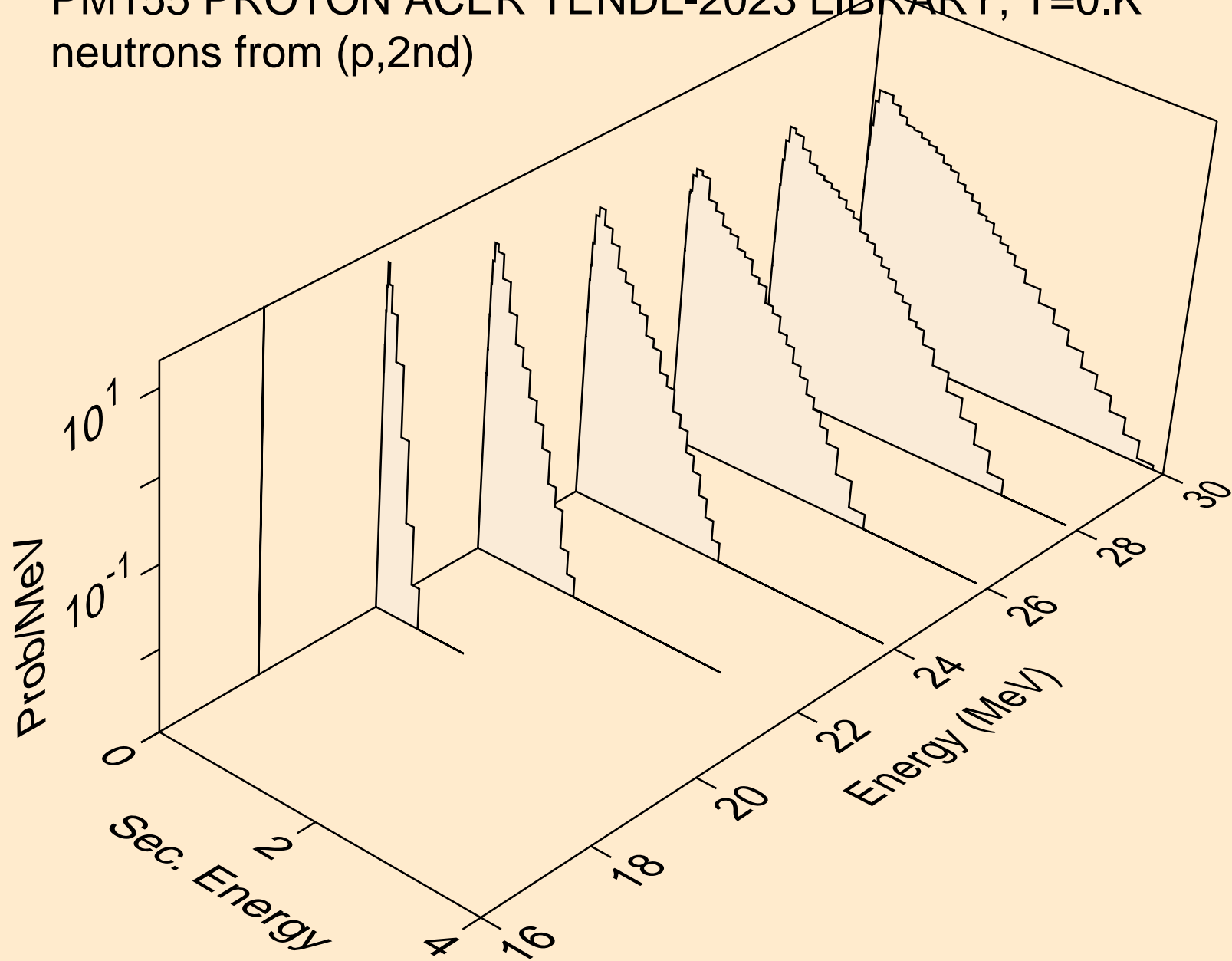
PM155 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



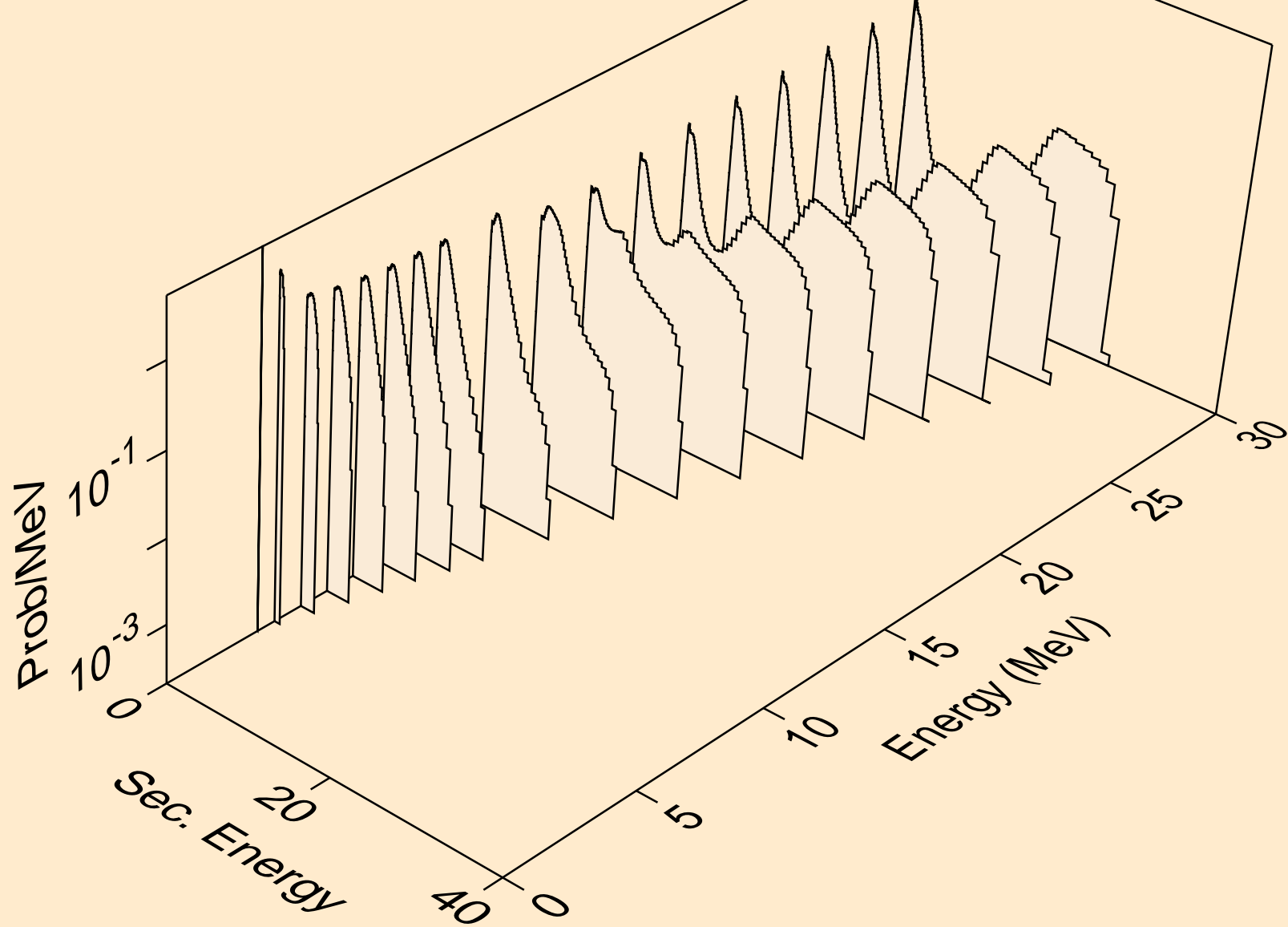
PM155 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)



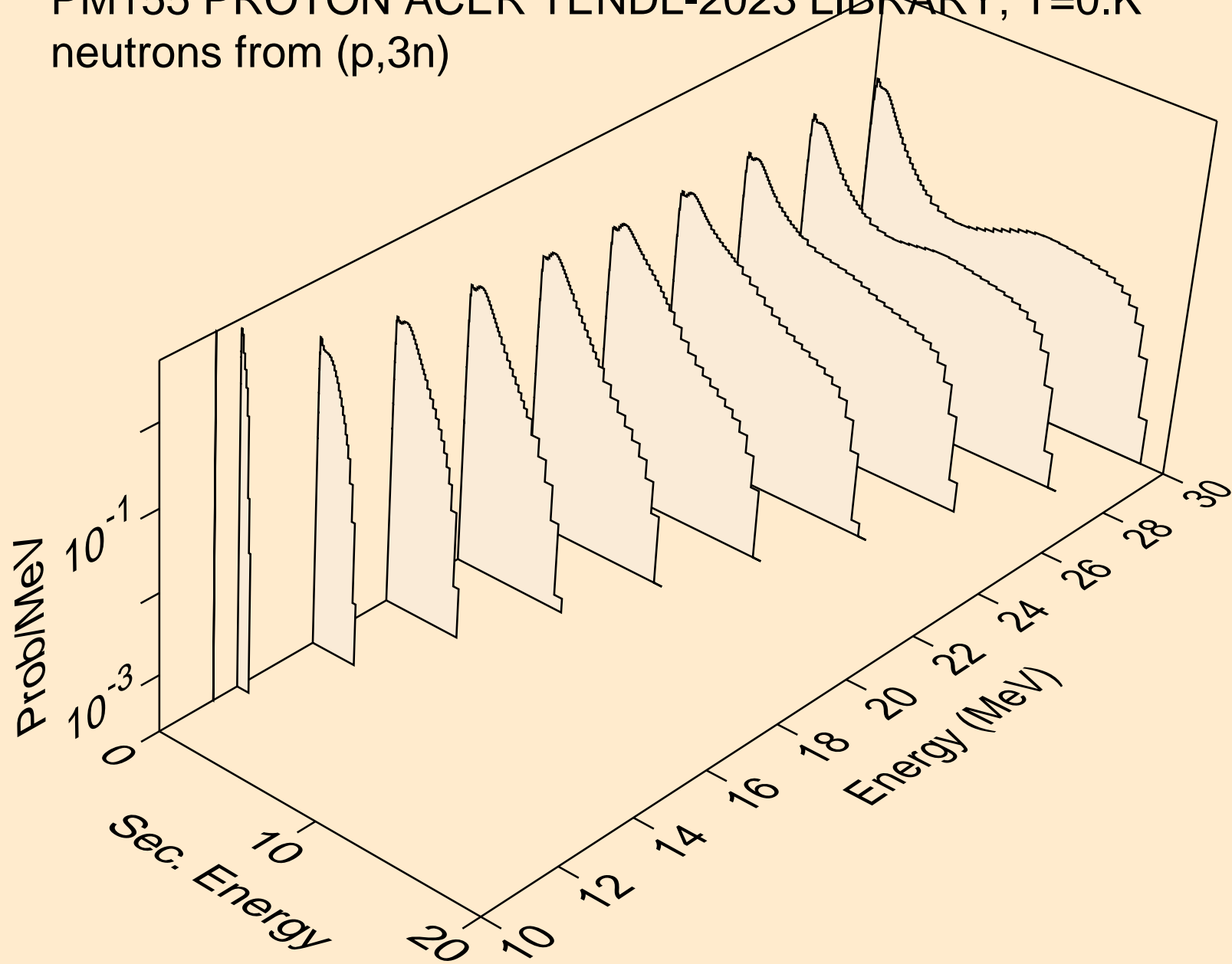
PM155 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2nd)



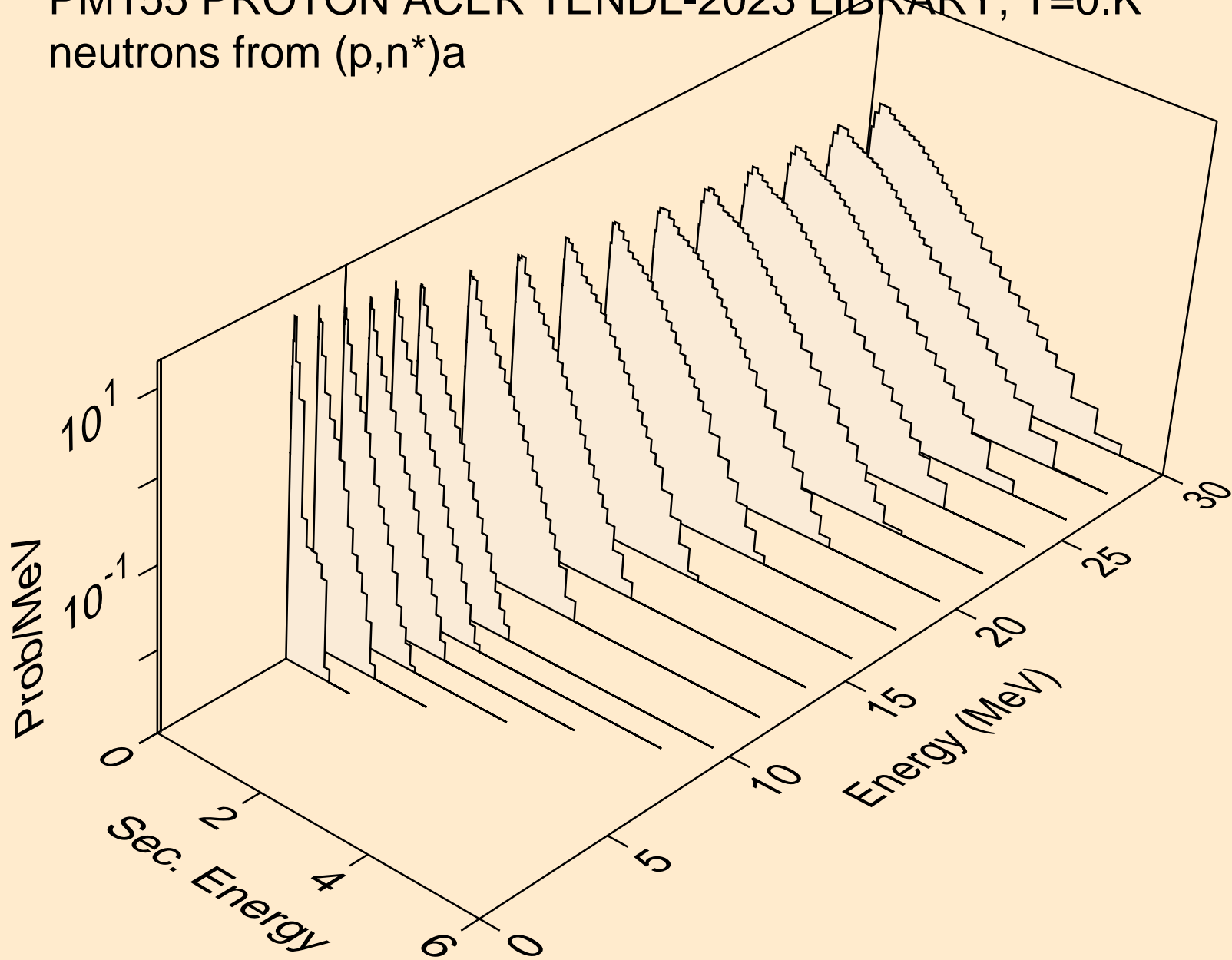
PM155 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)



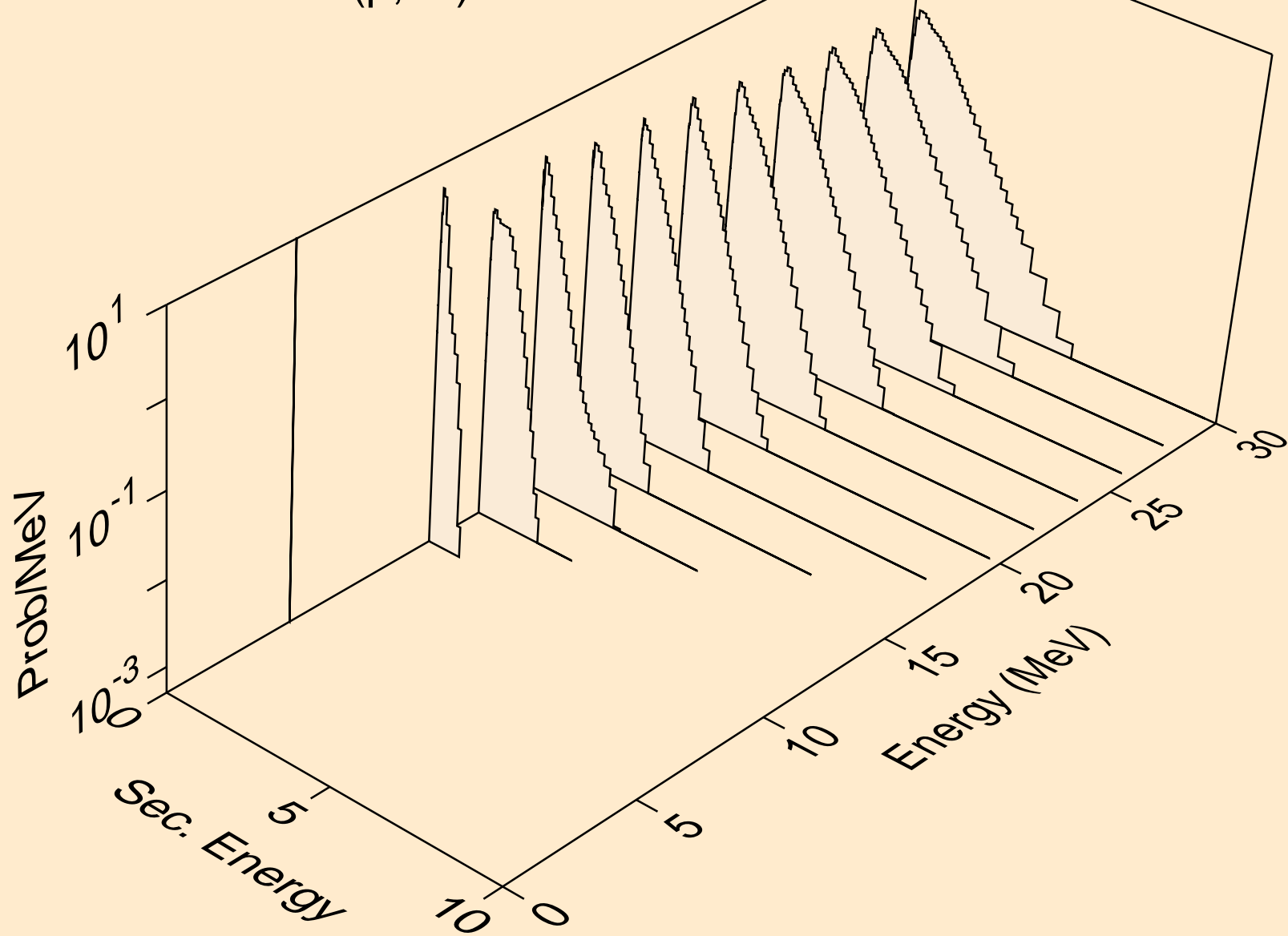
PM155 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)



PM155 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a

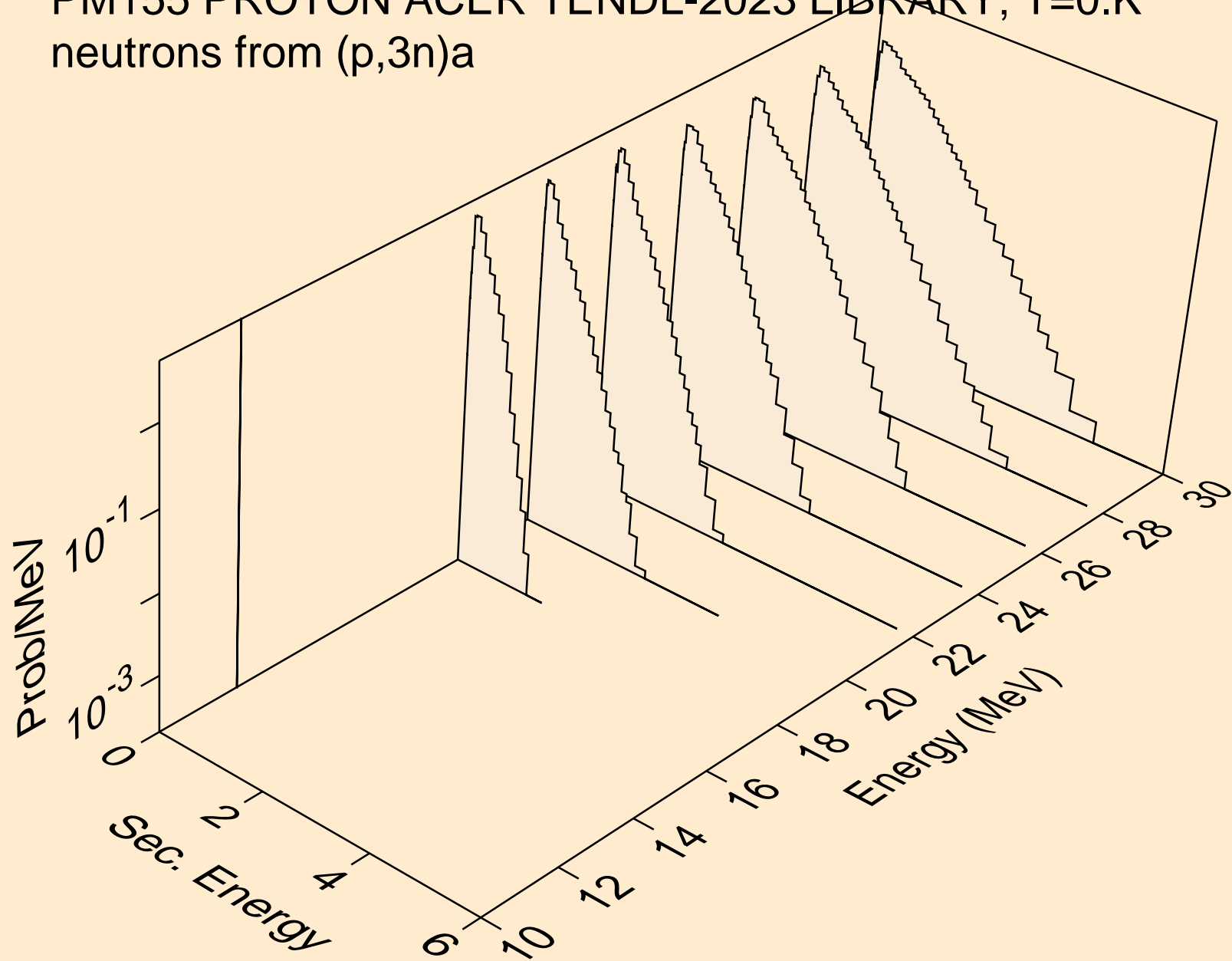


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neutrons from (p,2n)a

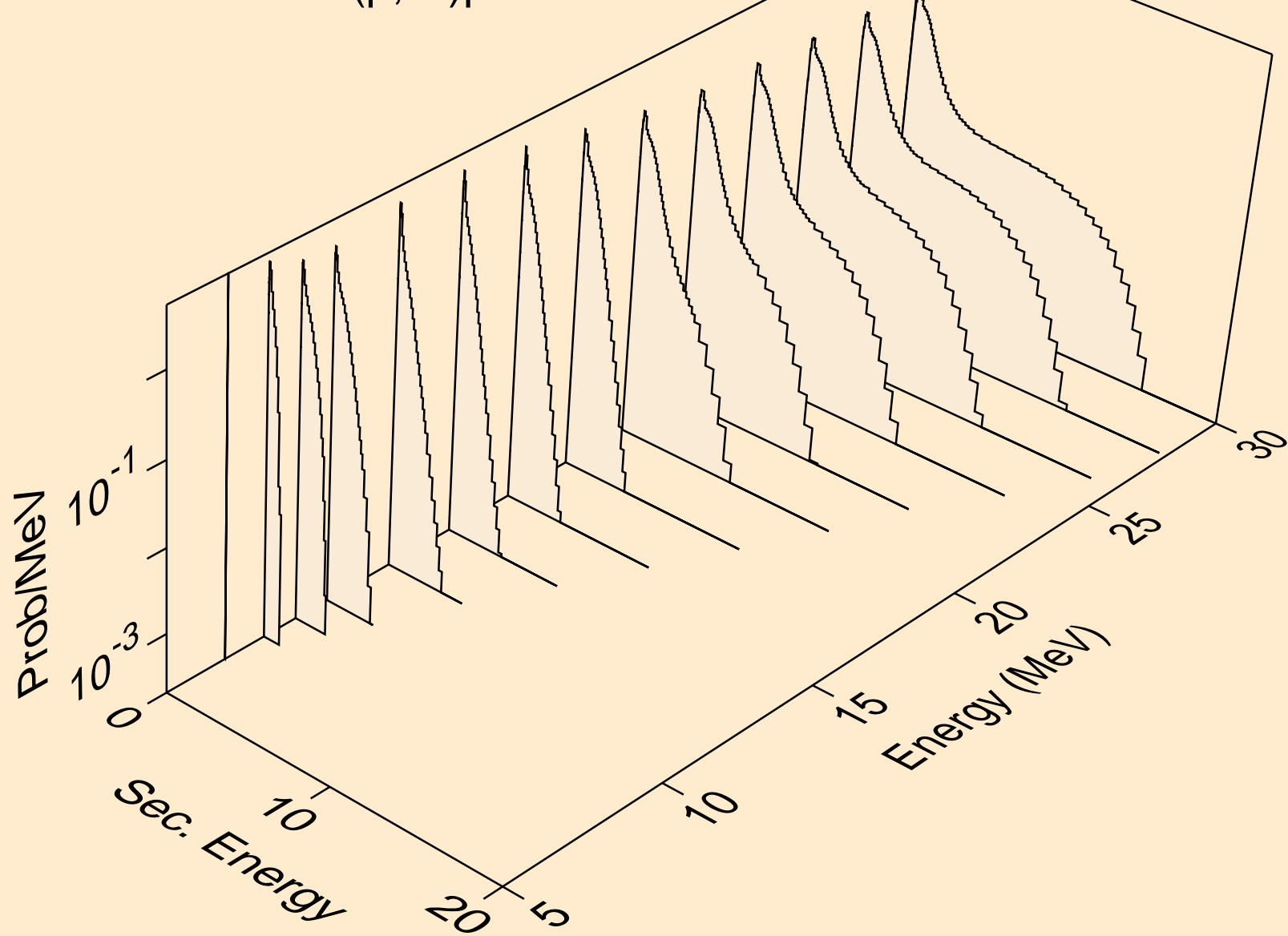




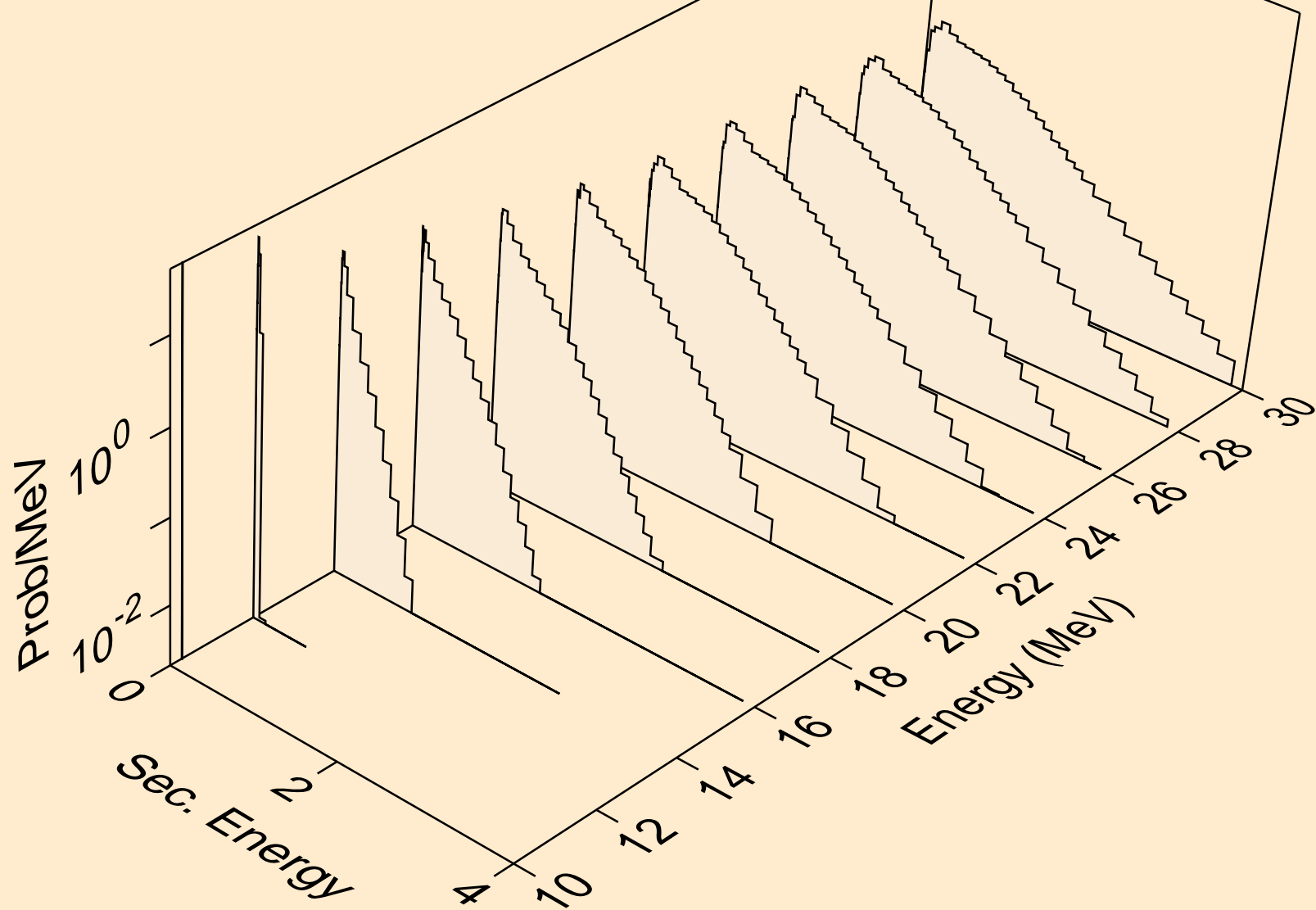
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neutrons from (p,3n)a



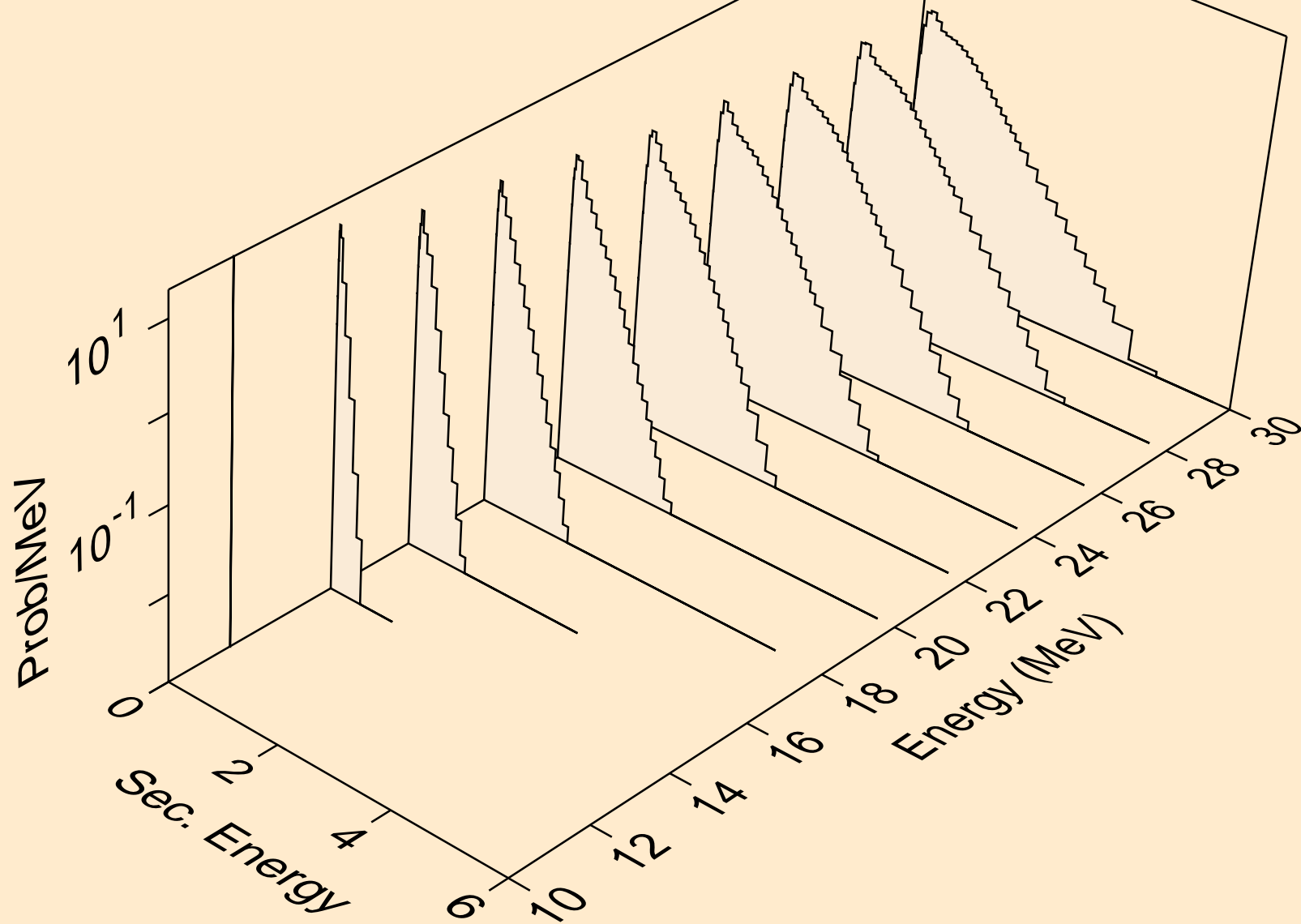
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neutrons from (p,n\*)p



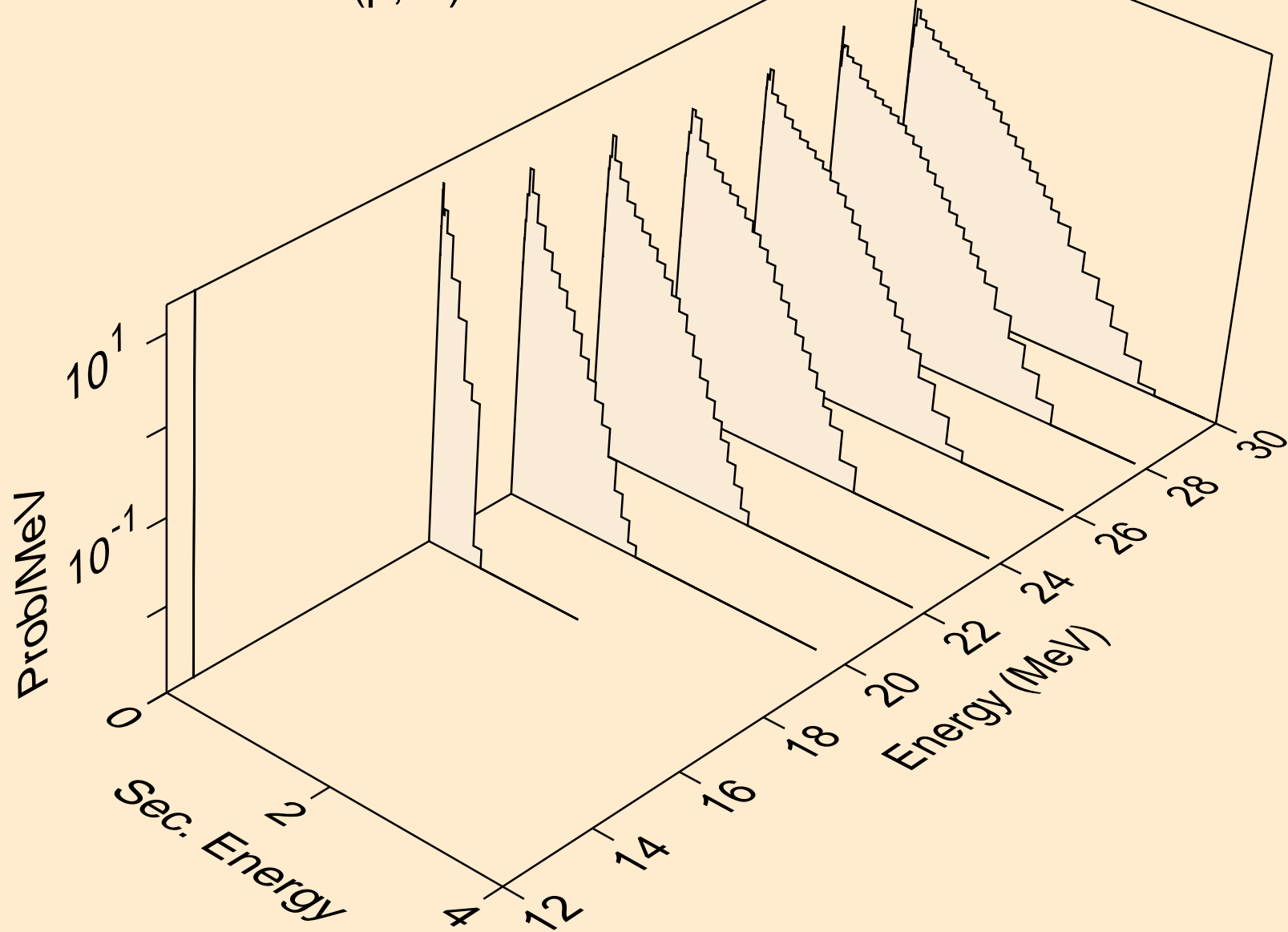
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neutrons from (p,n\*)d



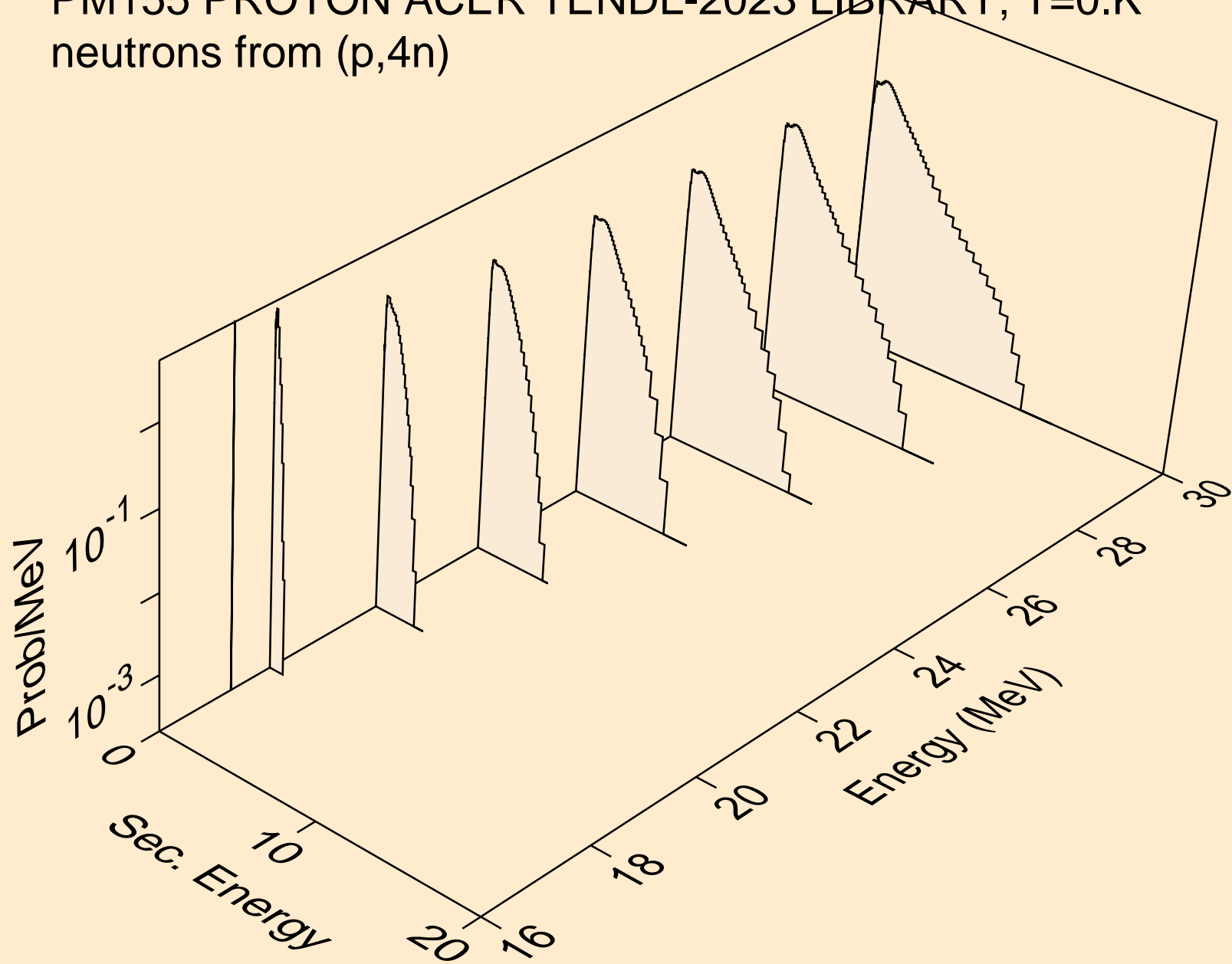
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neutrons from (p,n\*)t



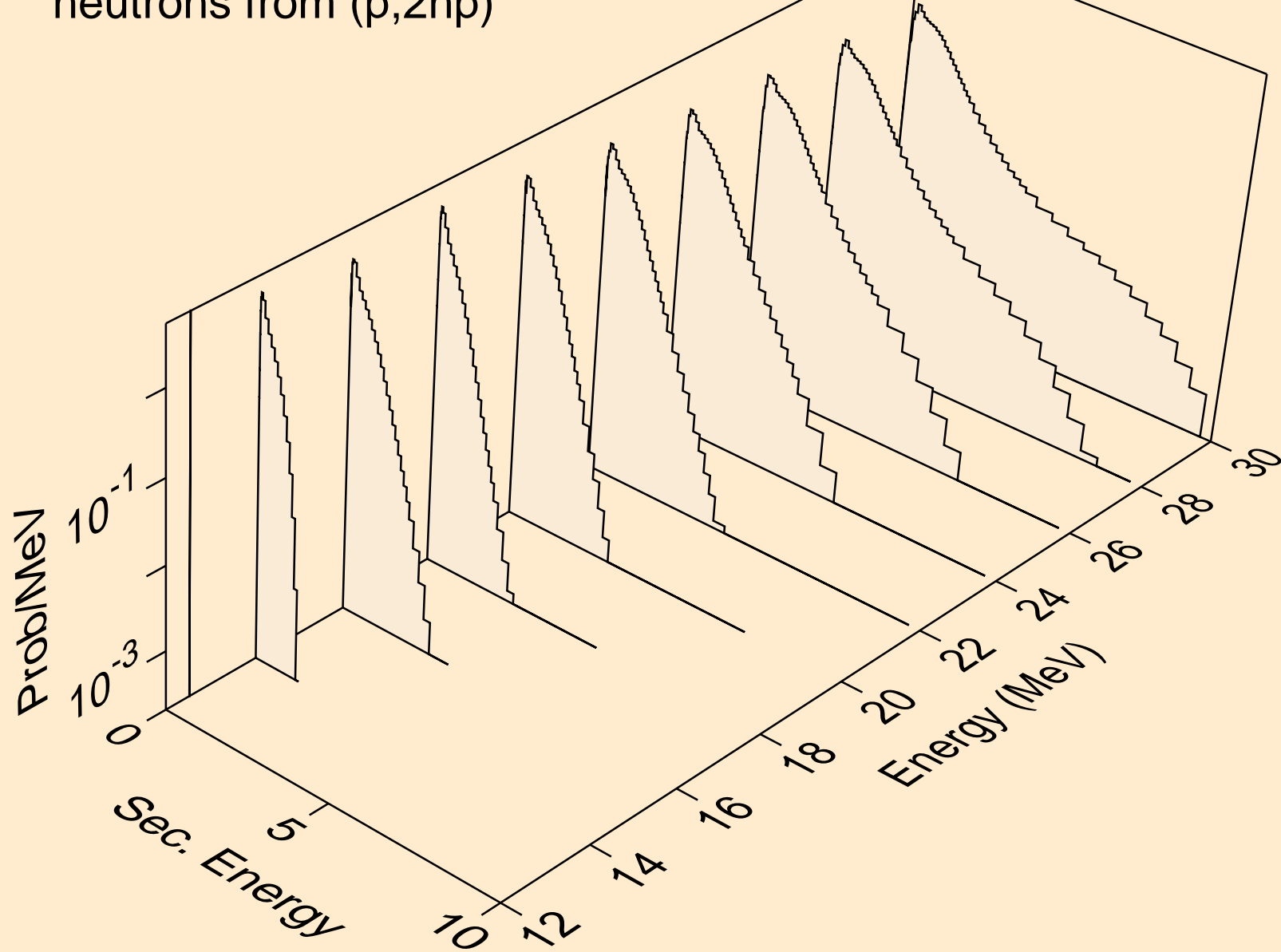
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neutrons from (p,n\*)he3



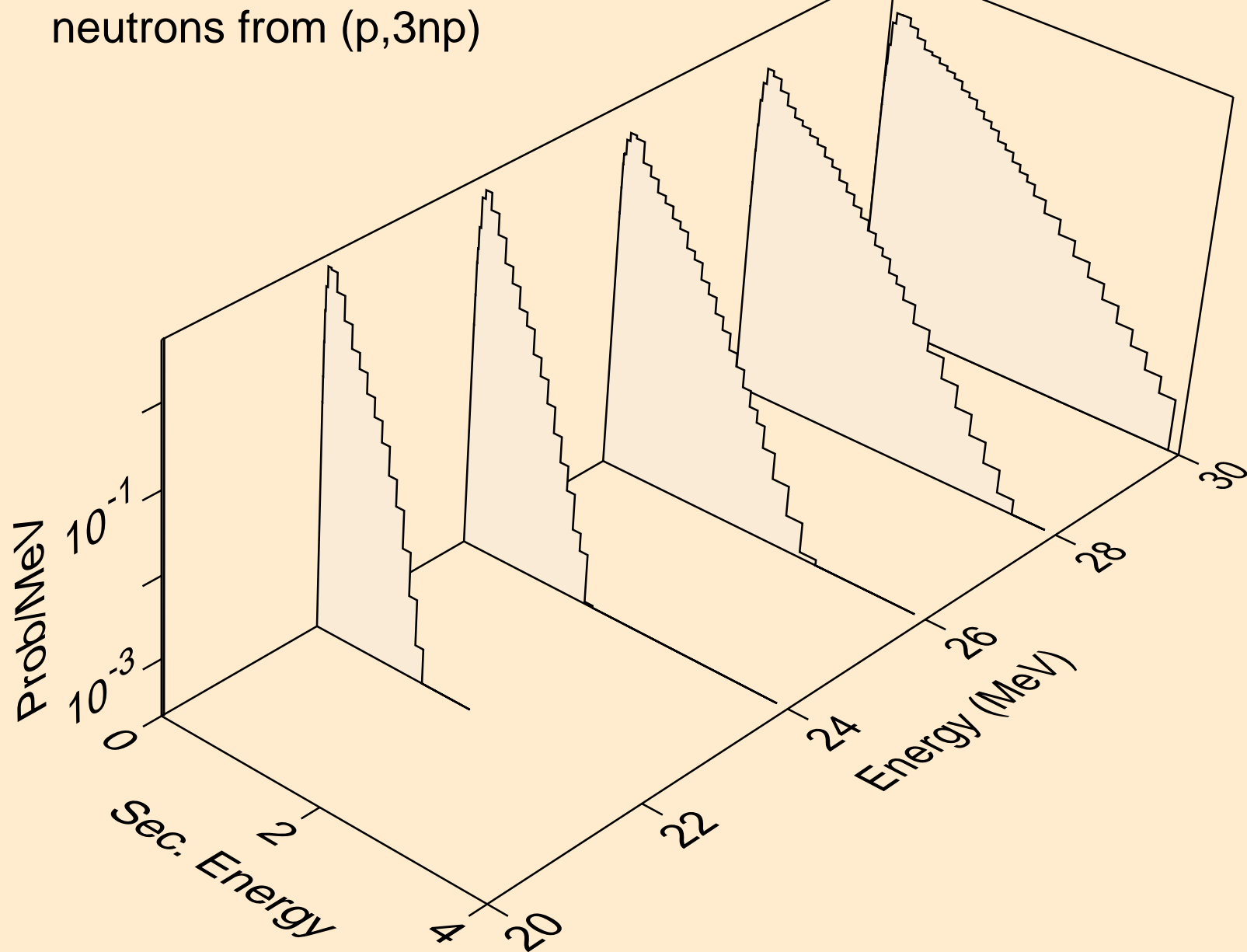
PM155 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,4n)



PM155 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2np)

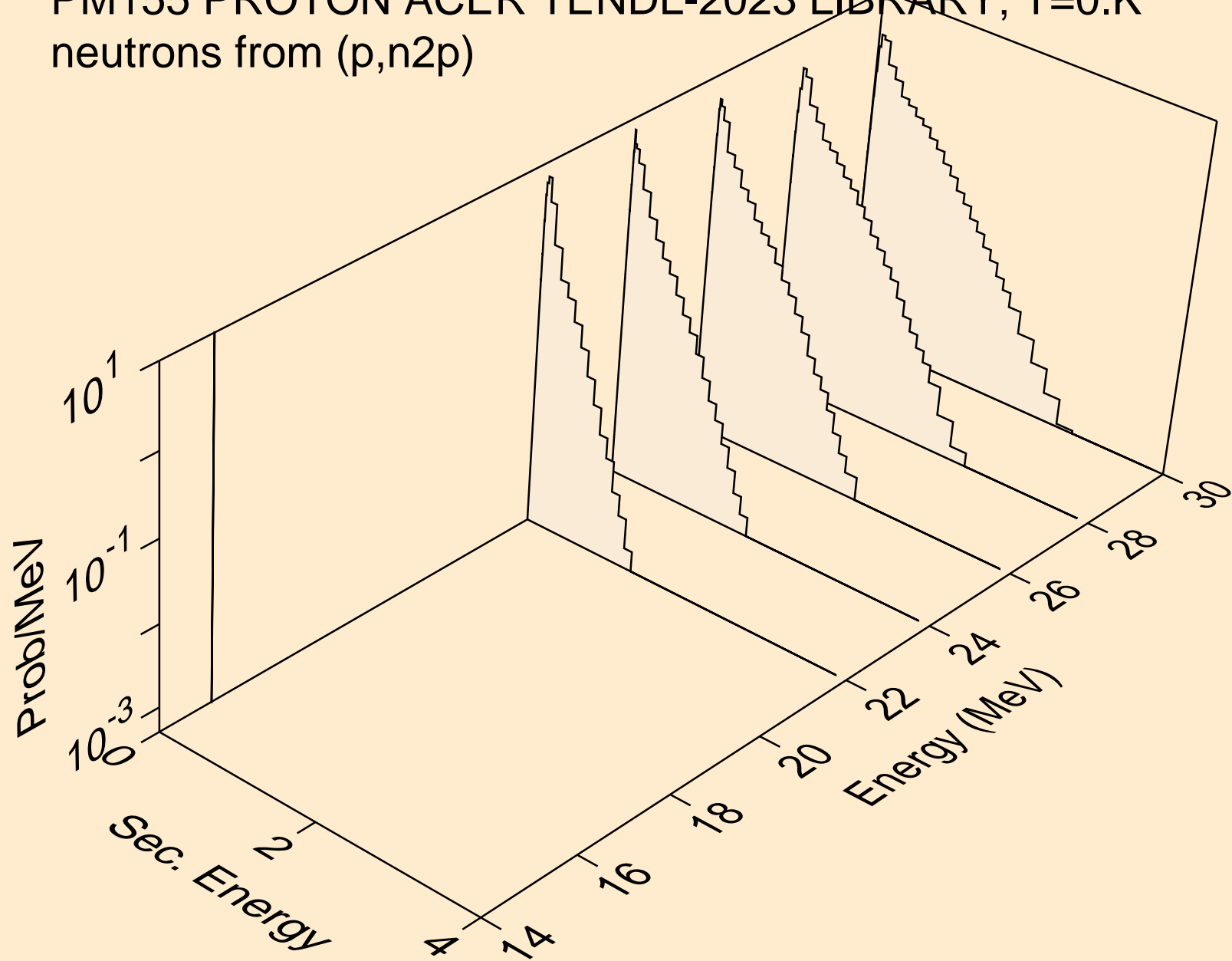


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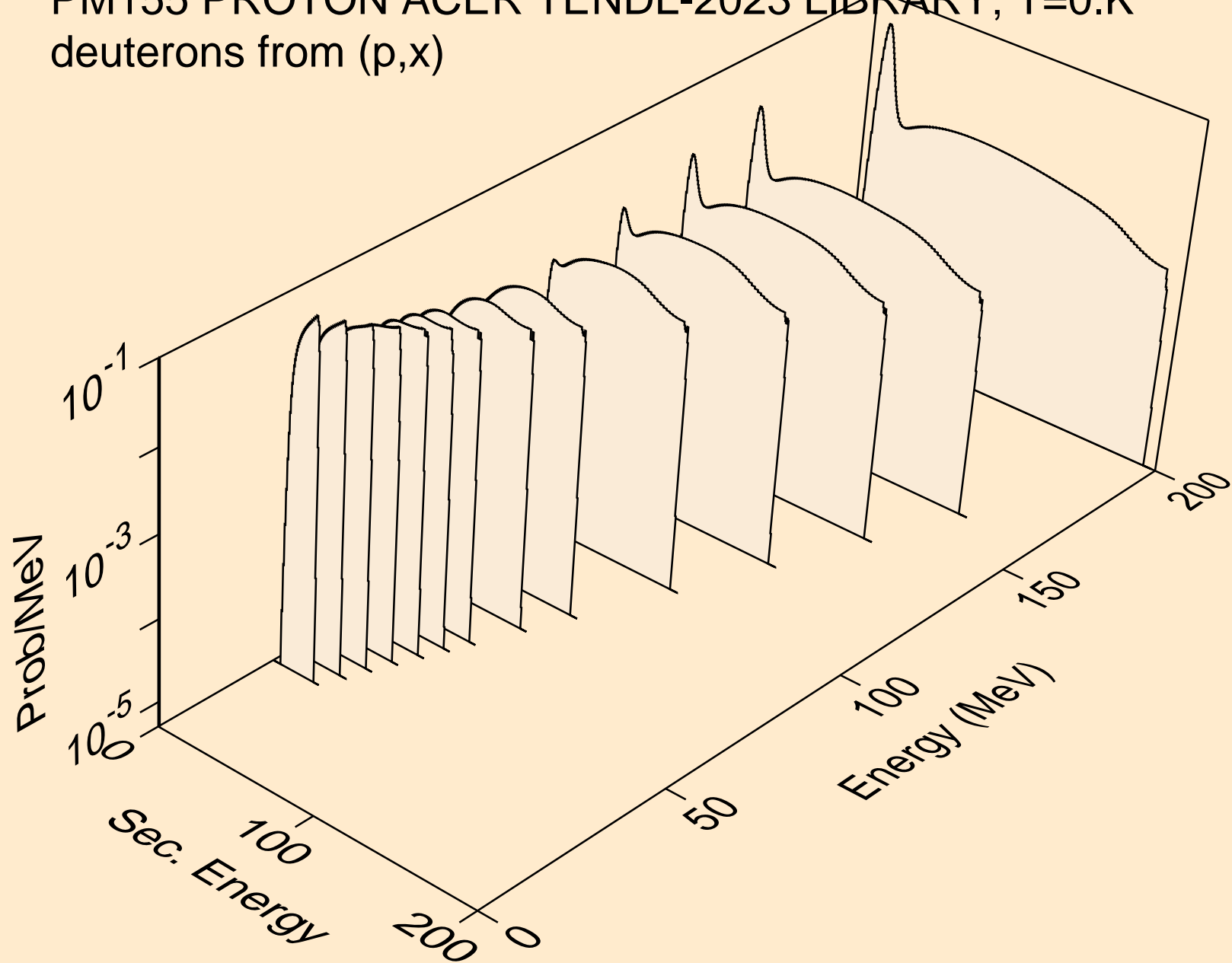




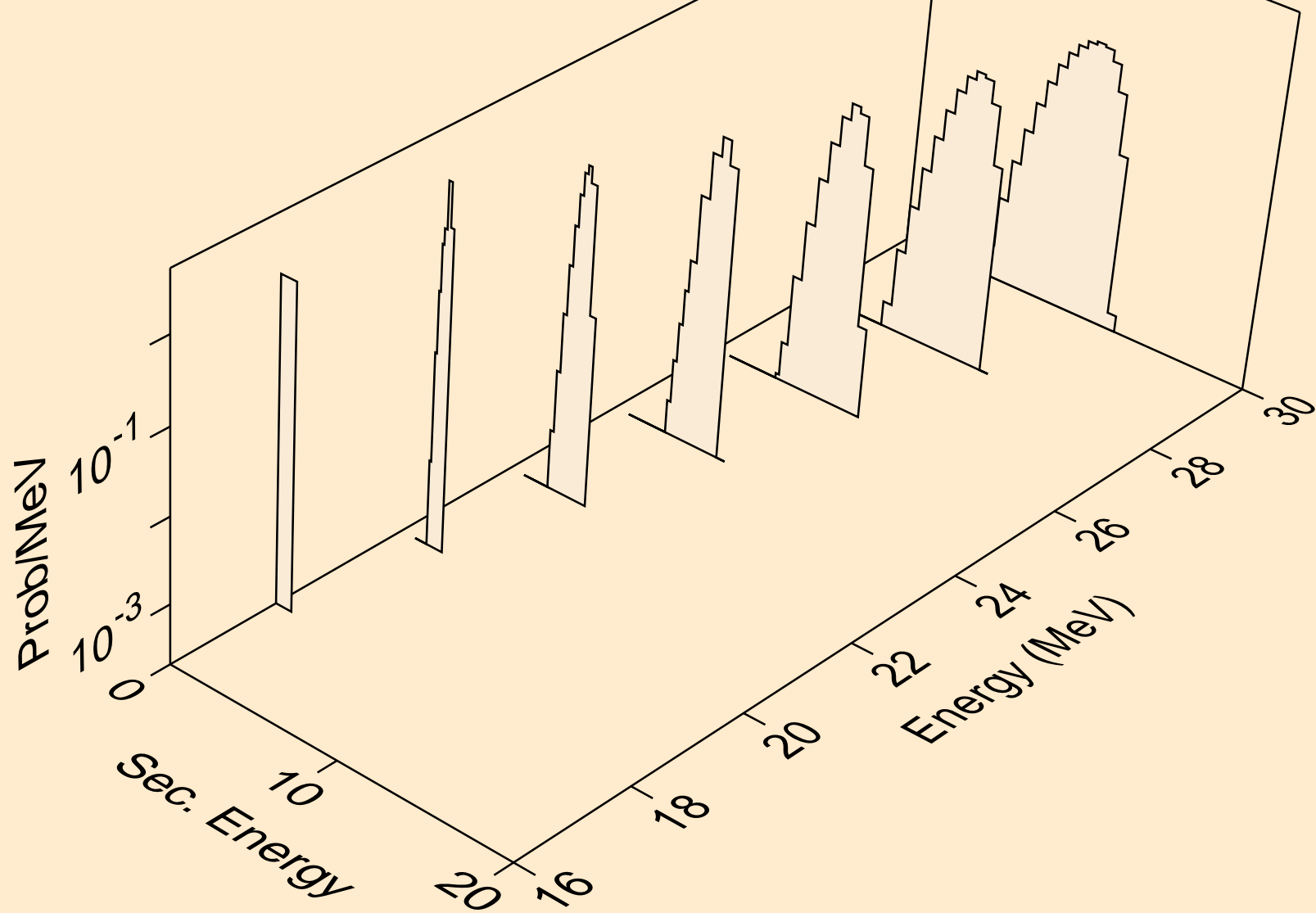
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neutrons from (p,n2p)



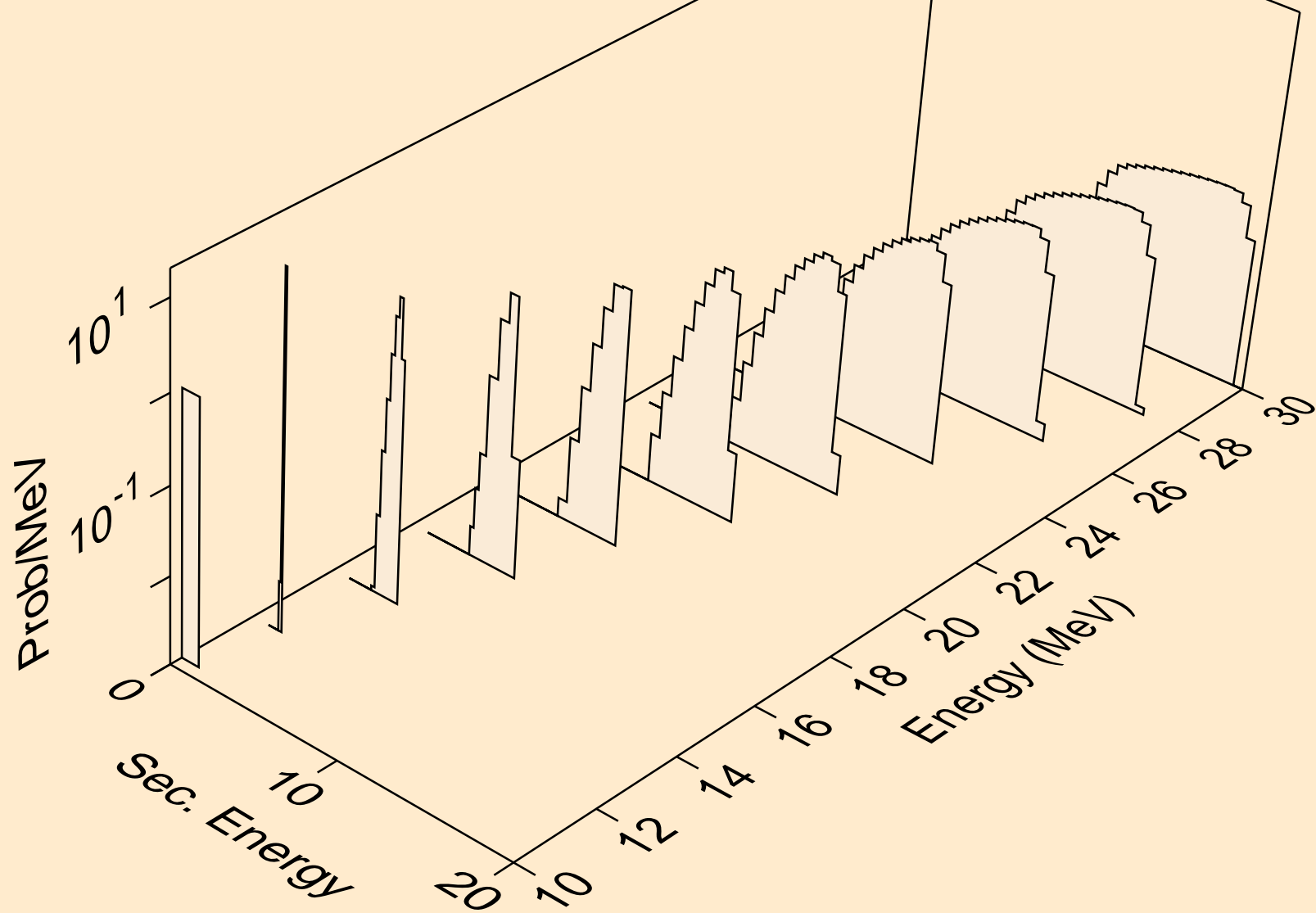
PM155 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,x)



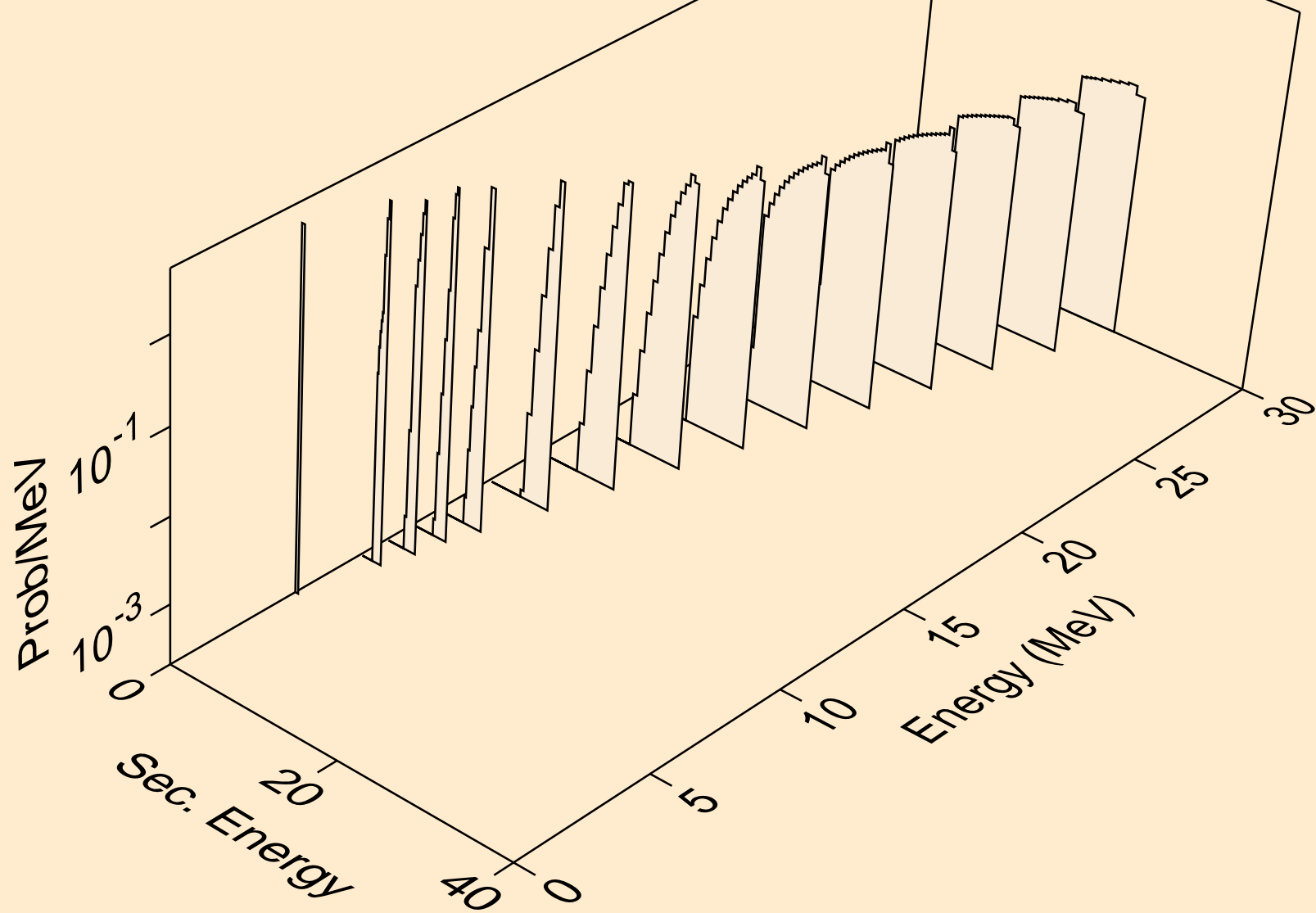
PM155 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,2nd)



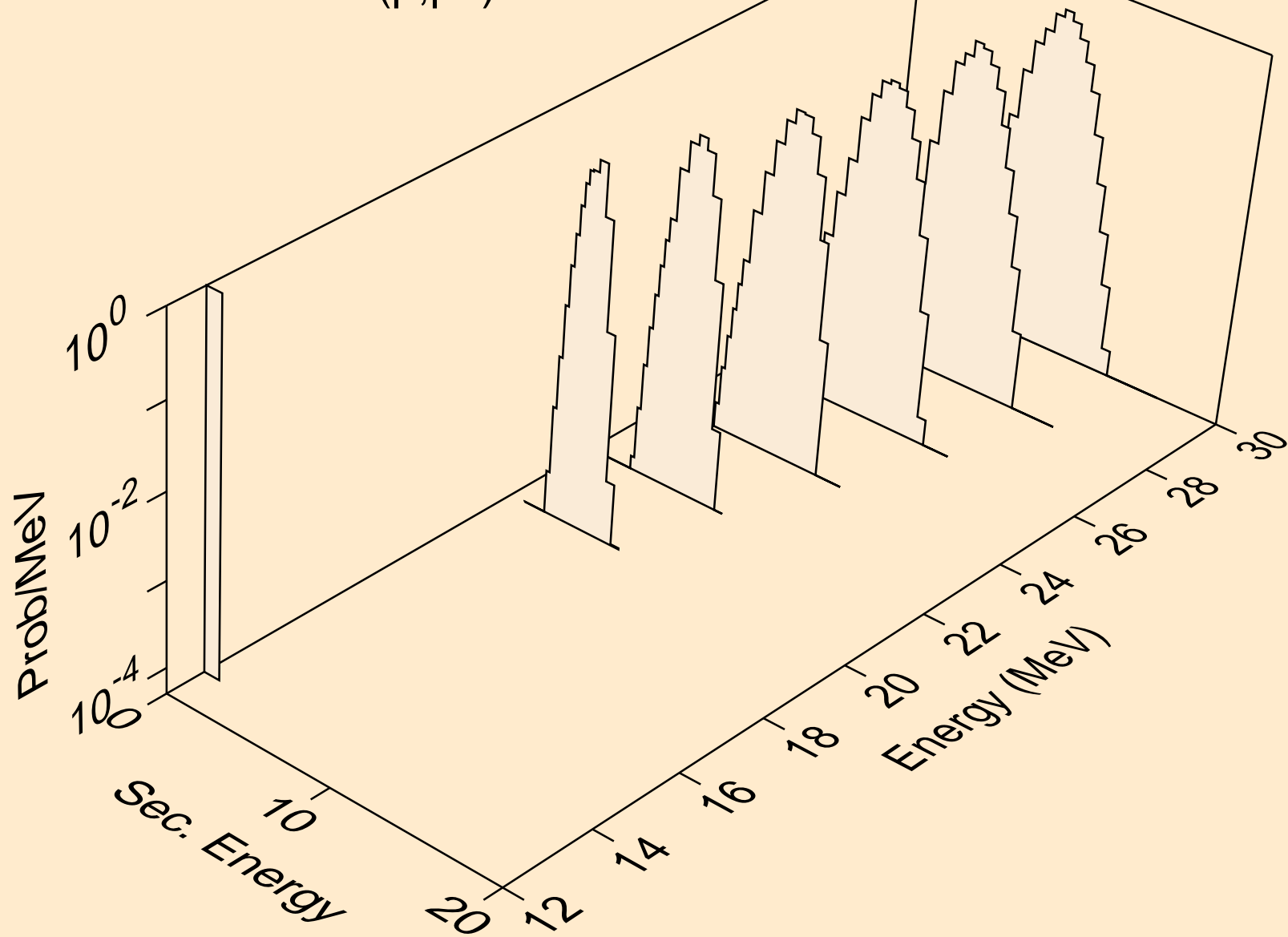
PM155 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,n\*)d



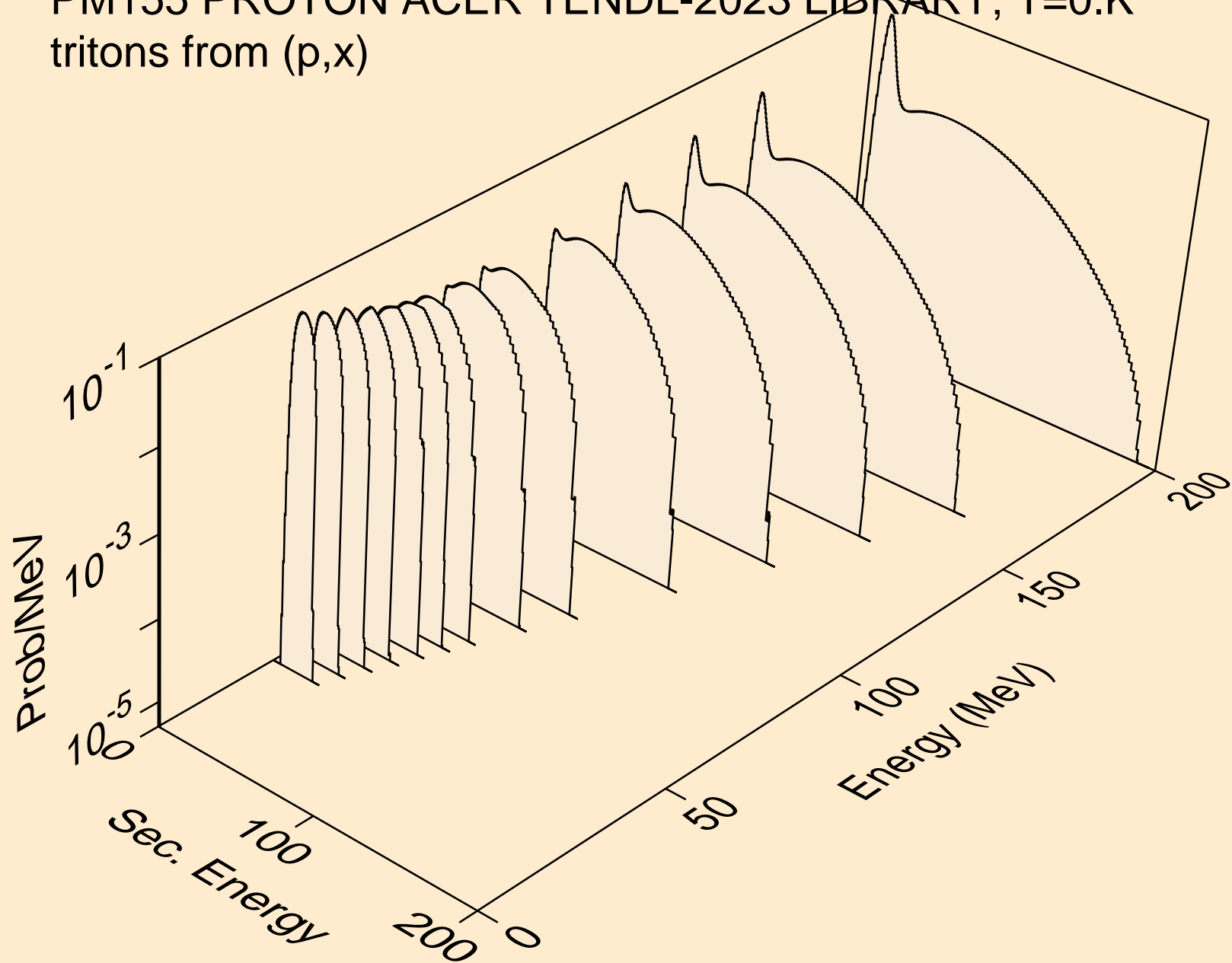
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deuterons from (p,d)



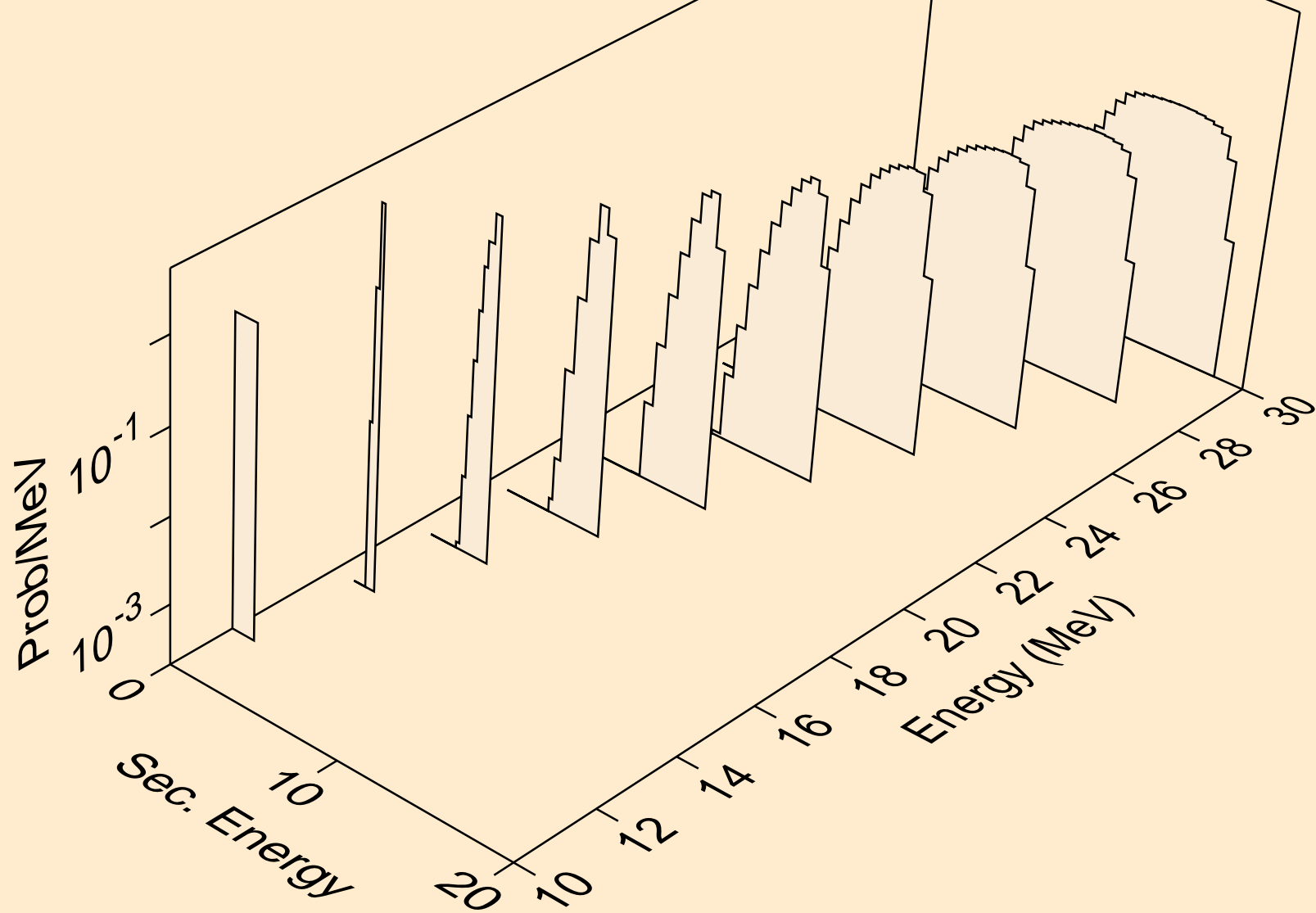
PM155 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,pd)



PM155 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)

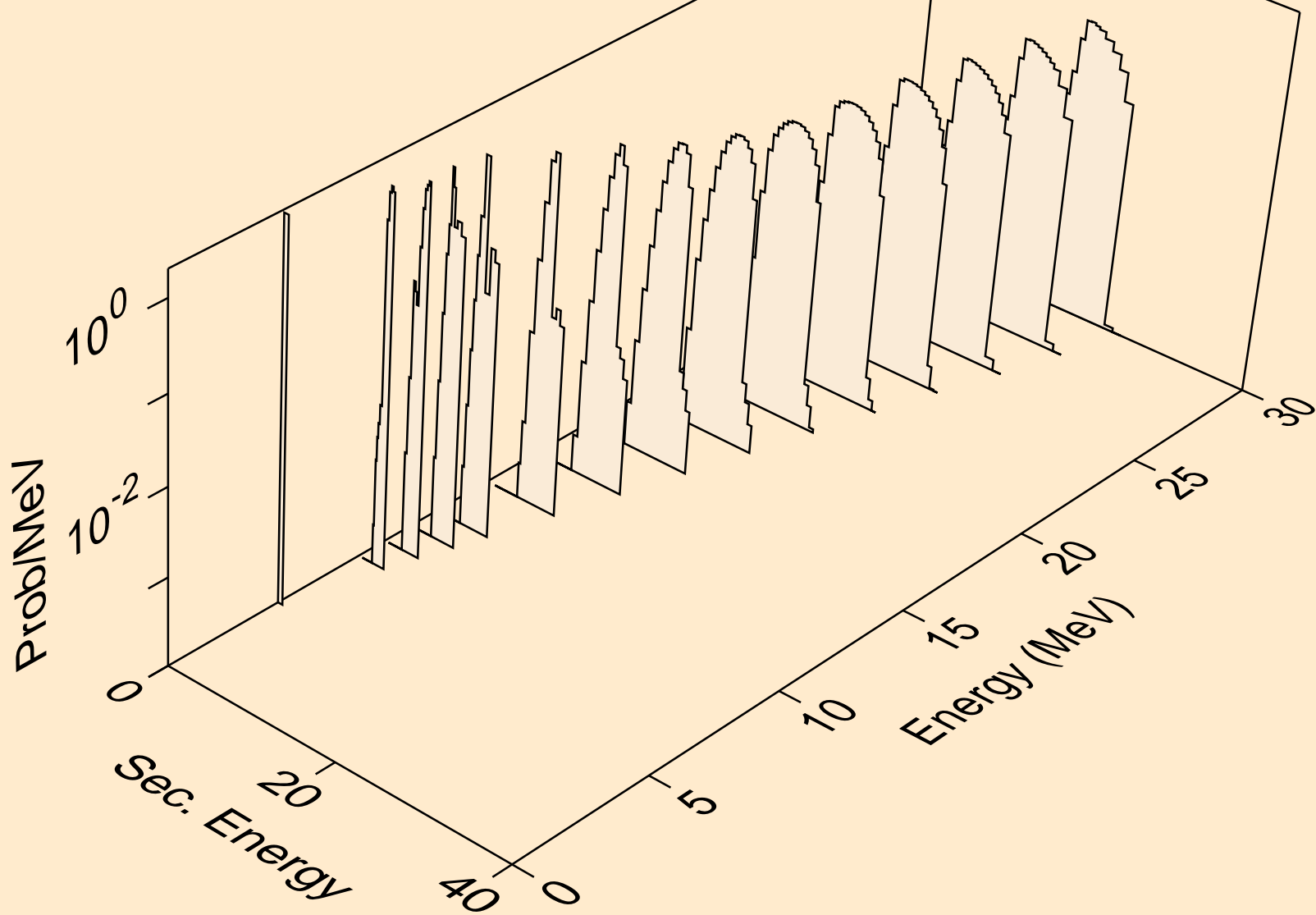


PM155 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,n\*)t

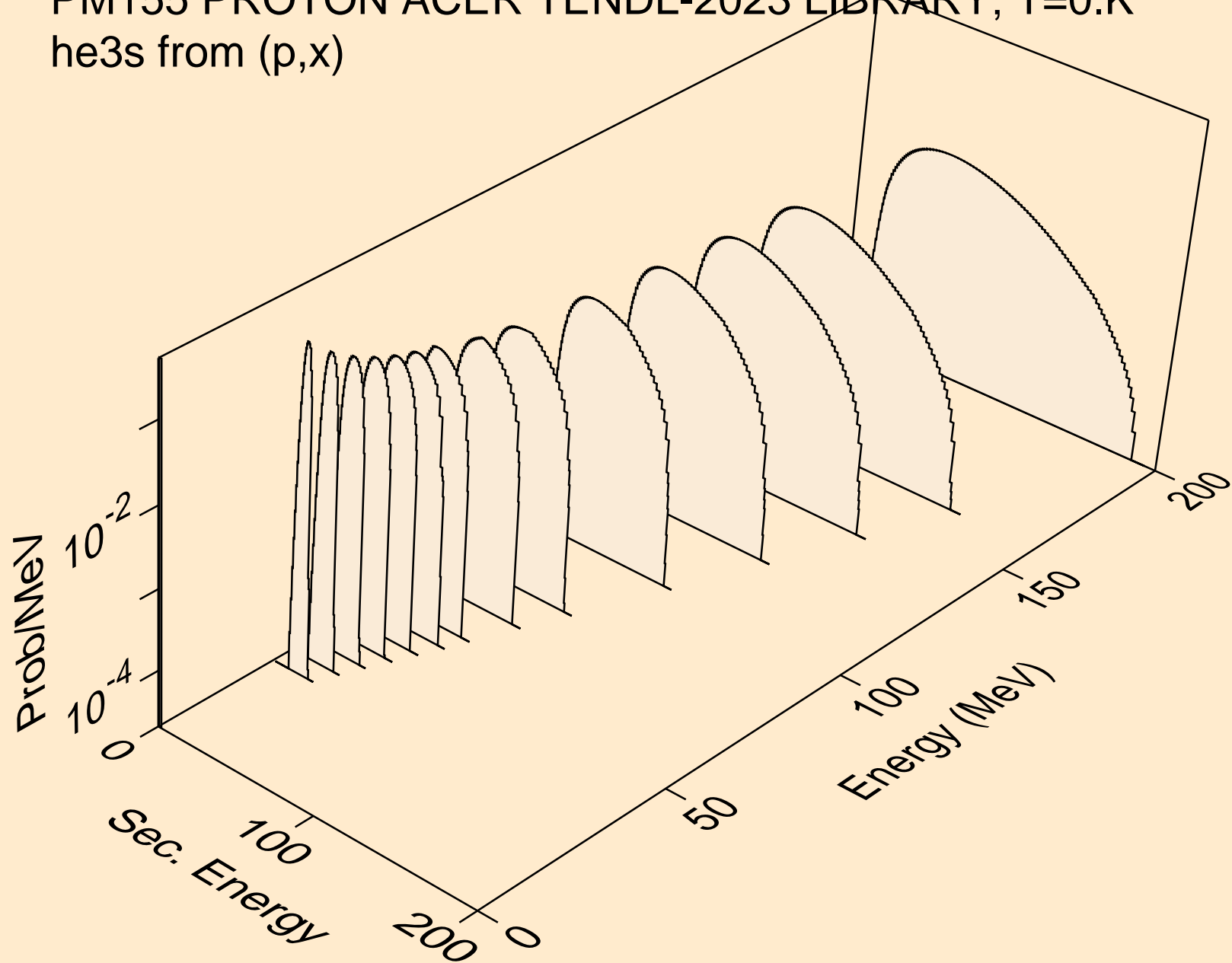




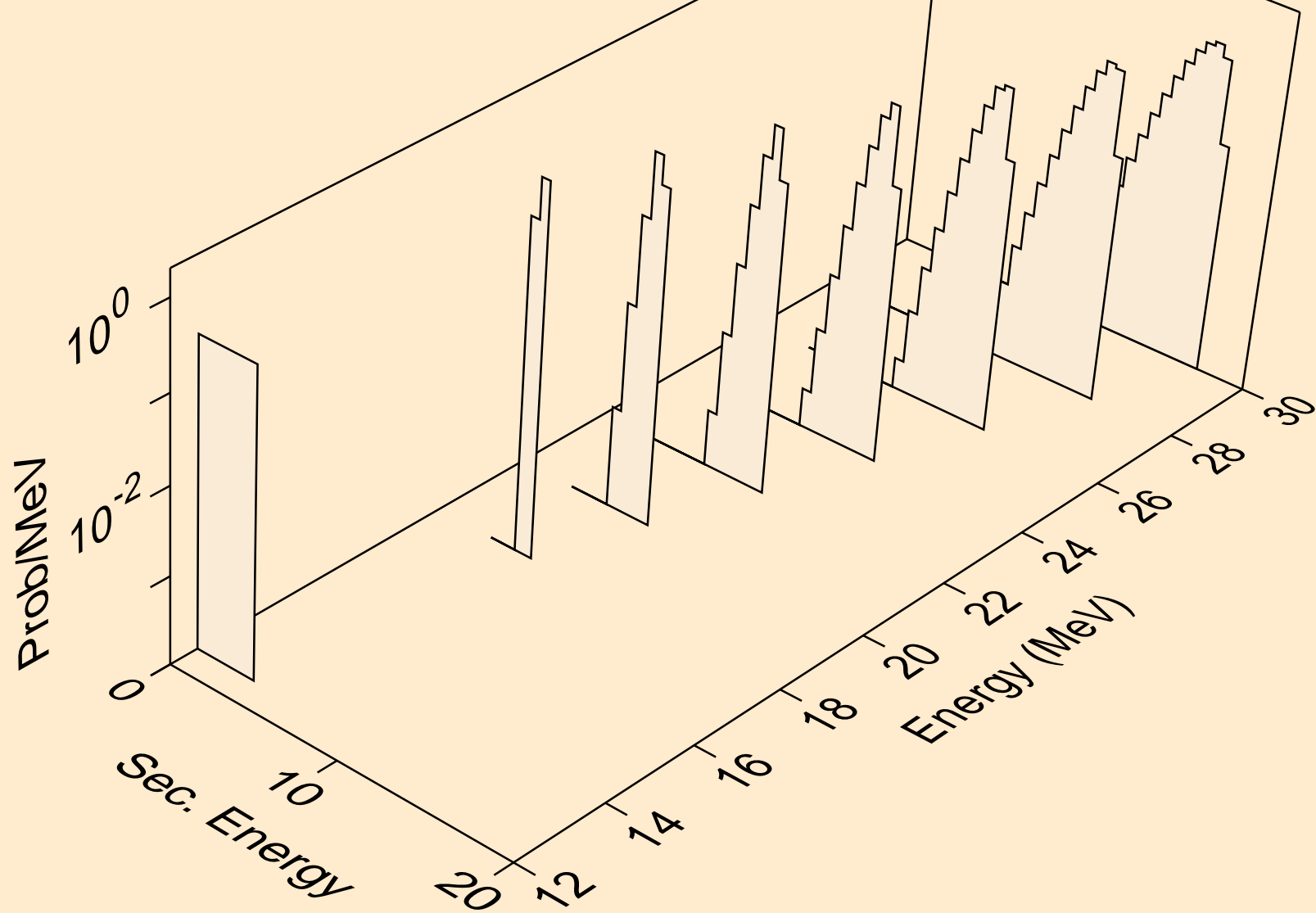
PM155 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,t)



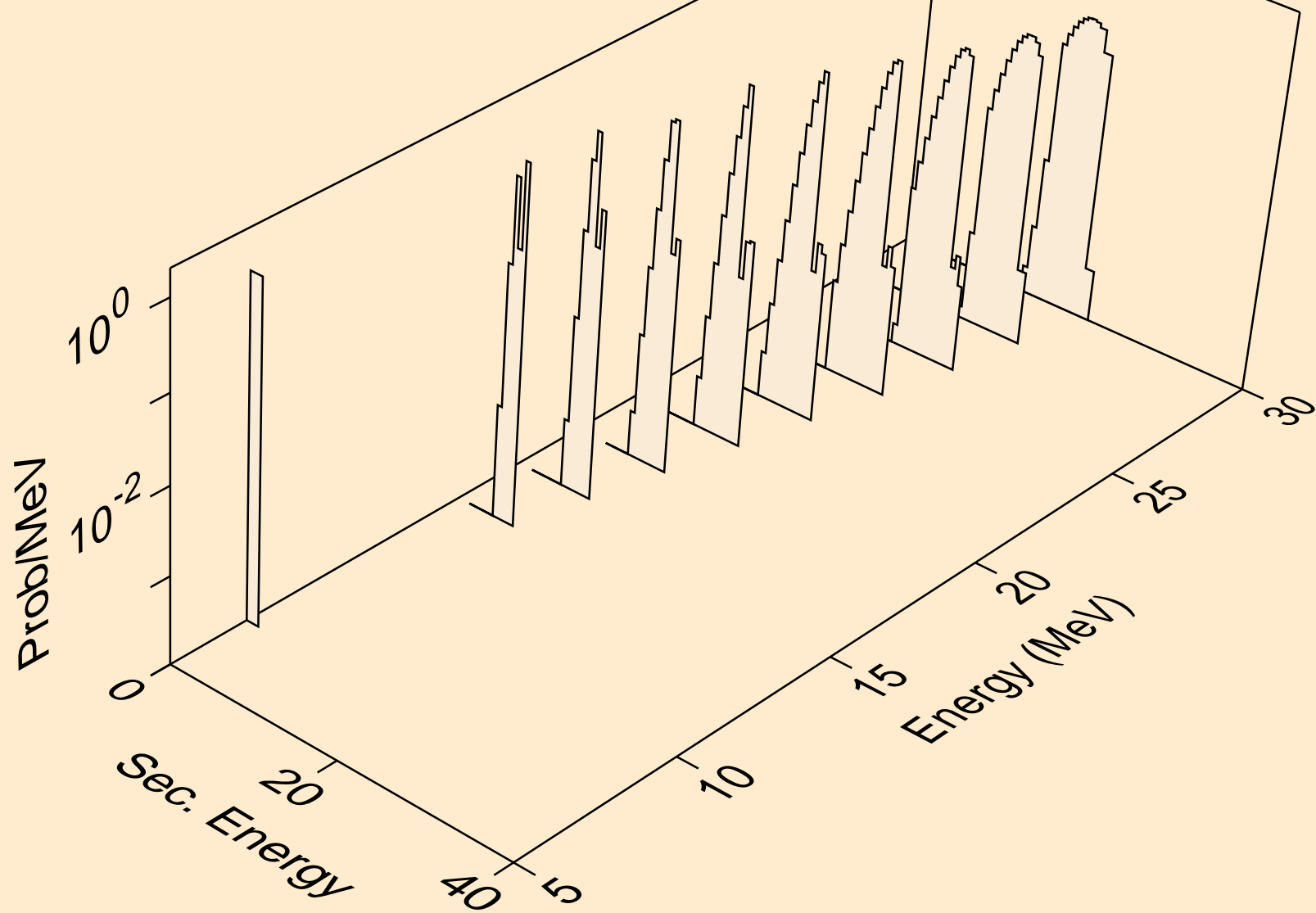
PM155 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)



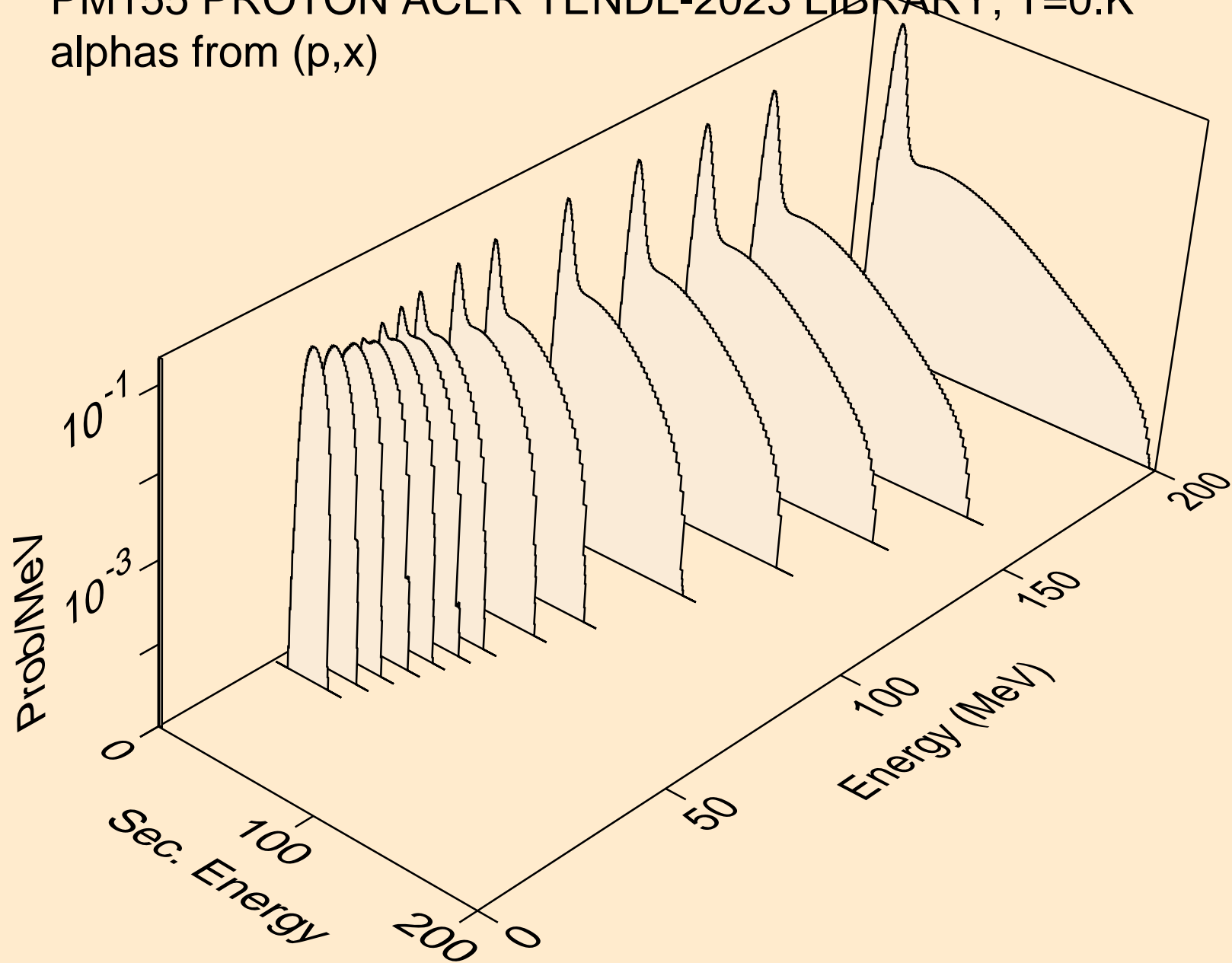
PM155 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3



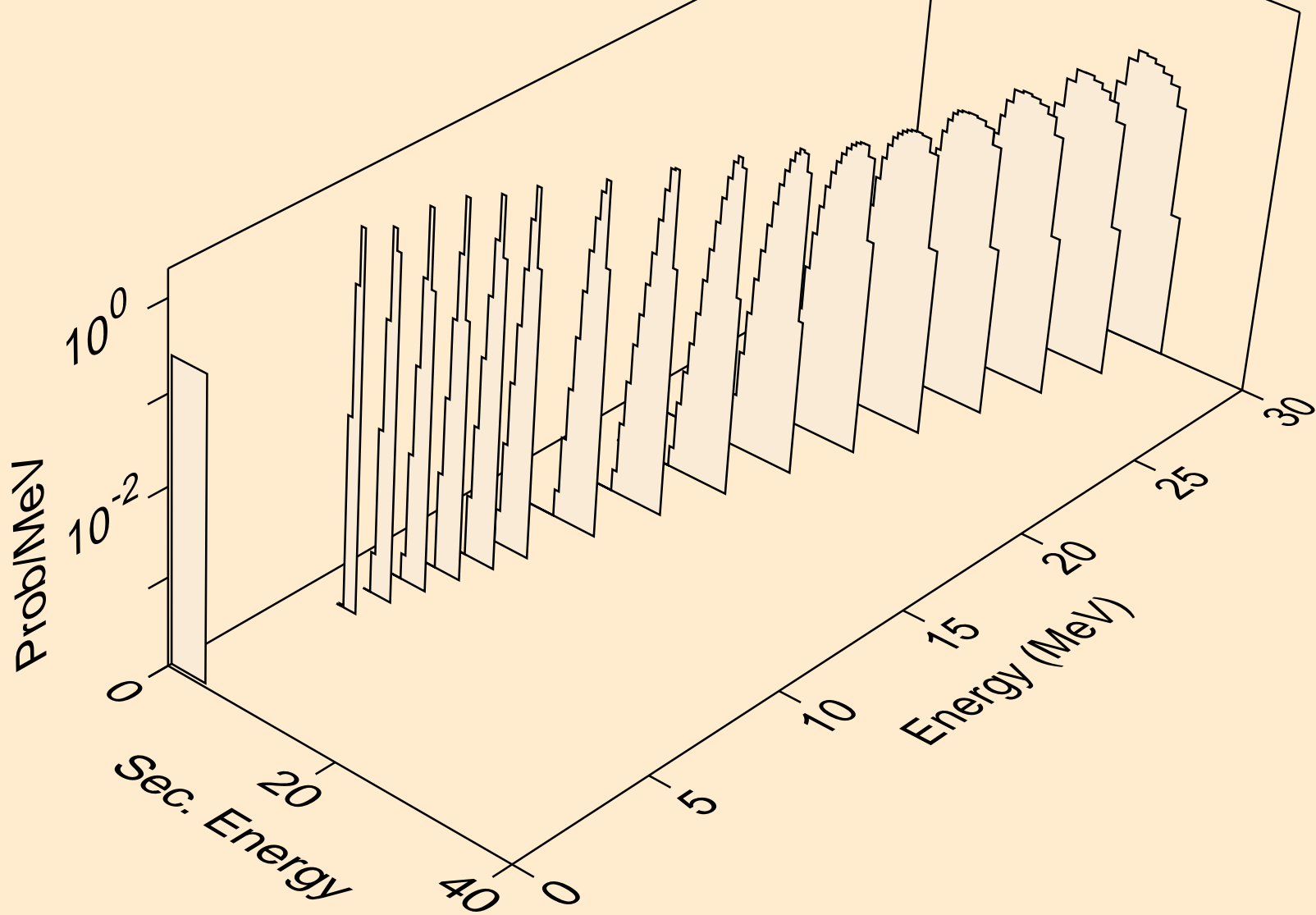
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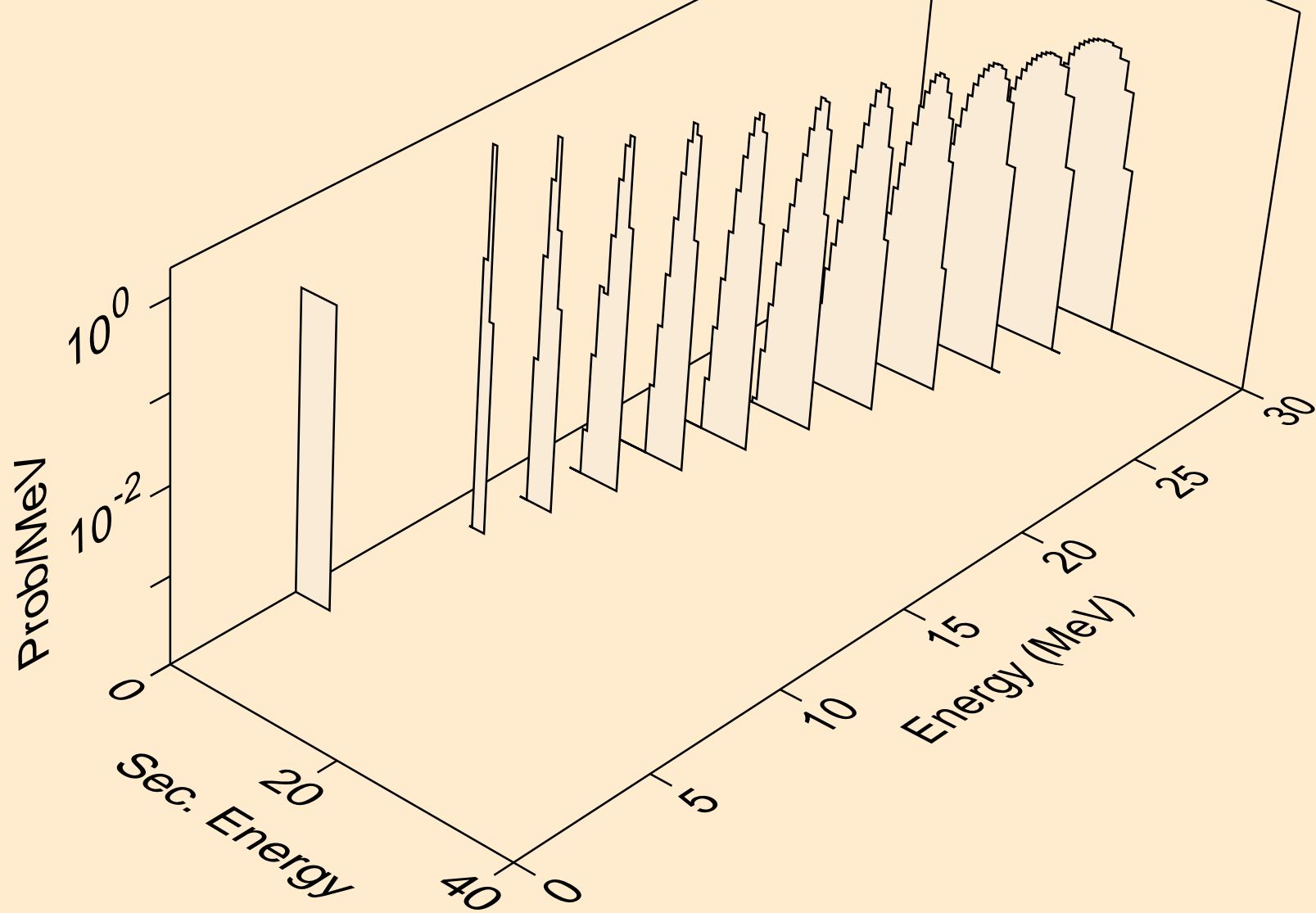
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alphas from (p,x)



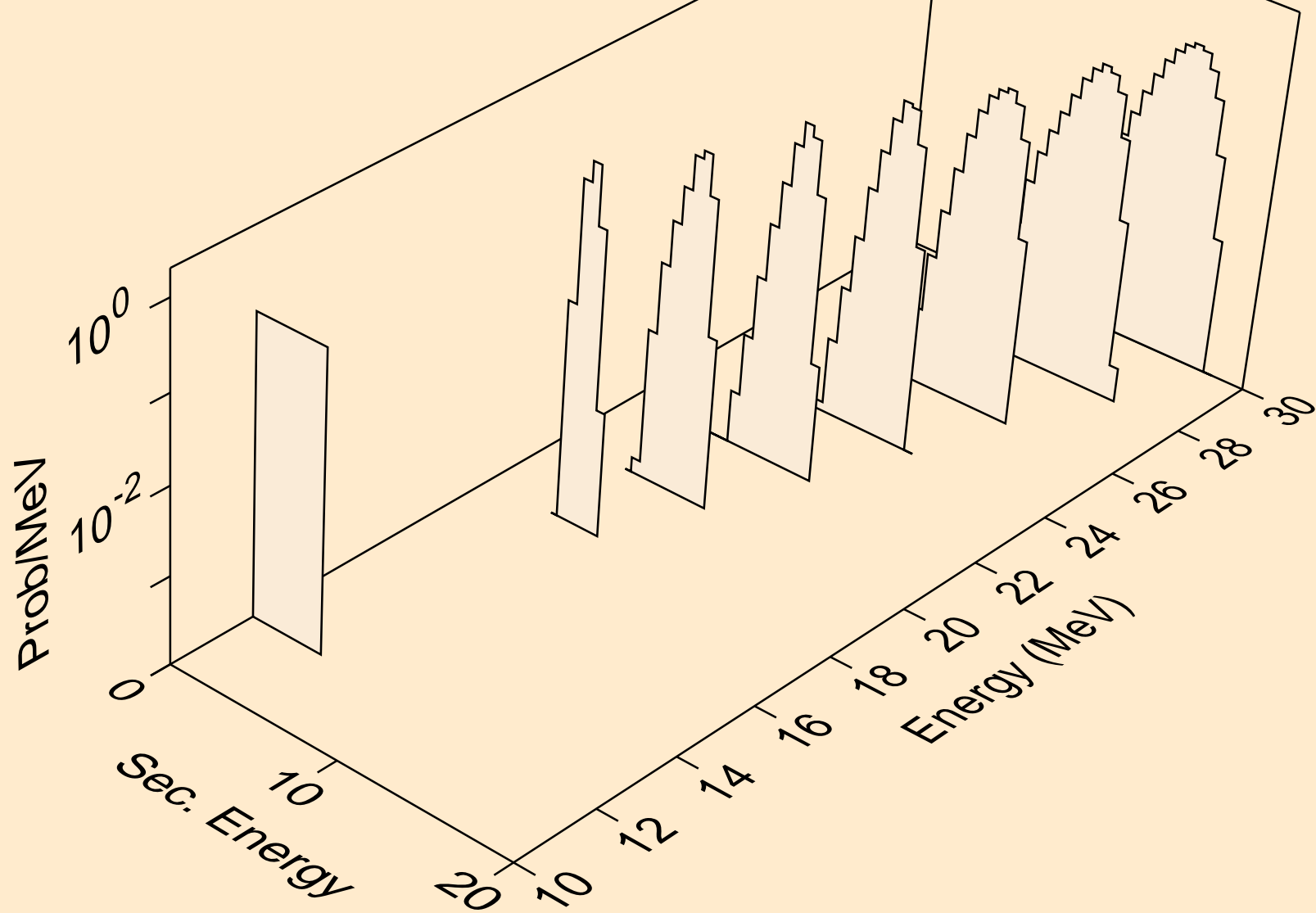
PM155 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a



PM155 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a

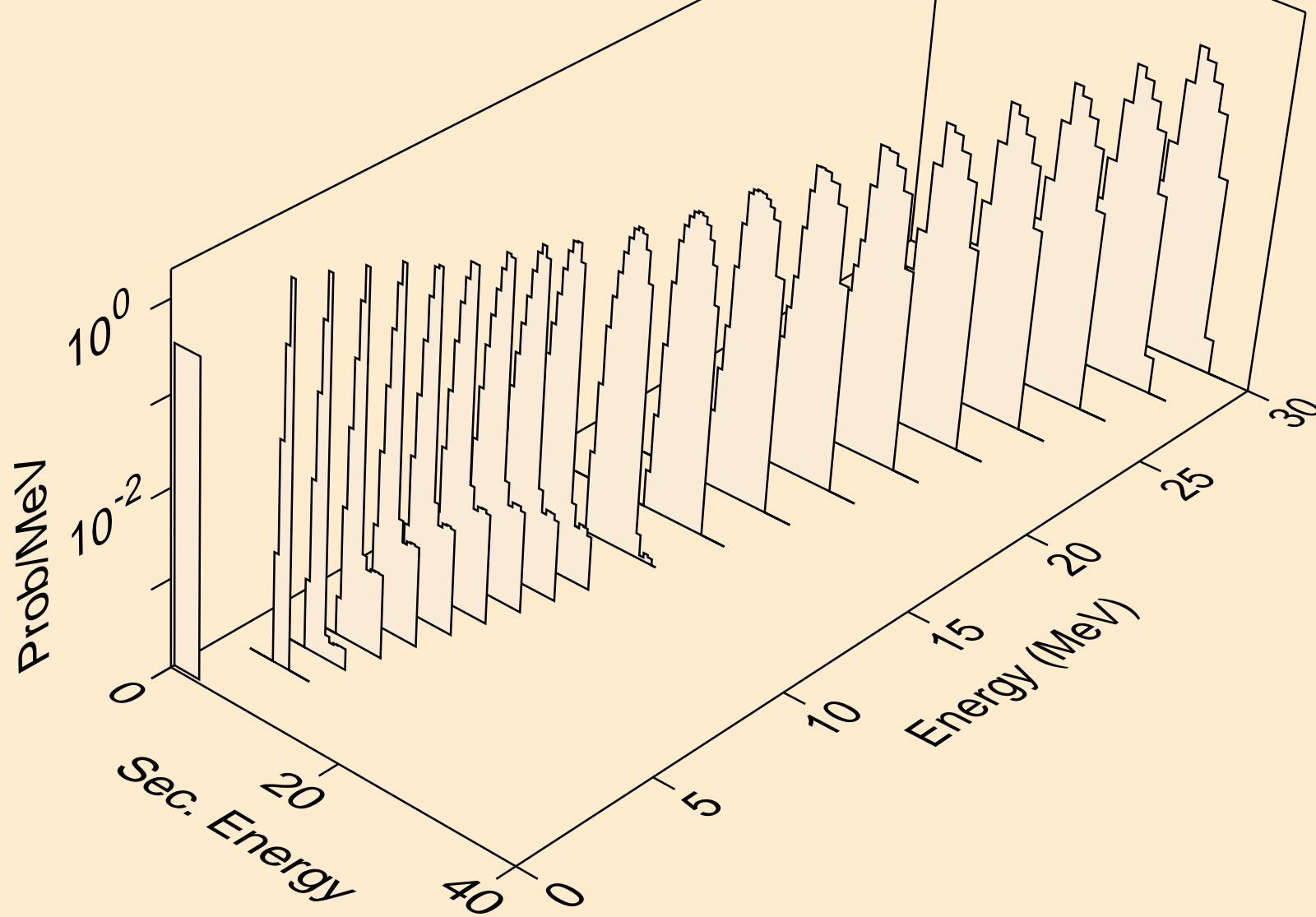


PM155 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,3n)a





PM155 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)



PM155 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,pa)

