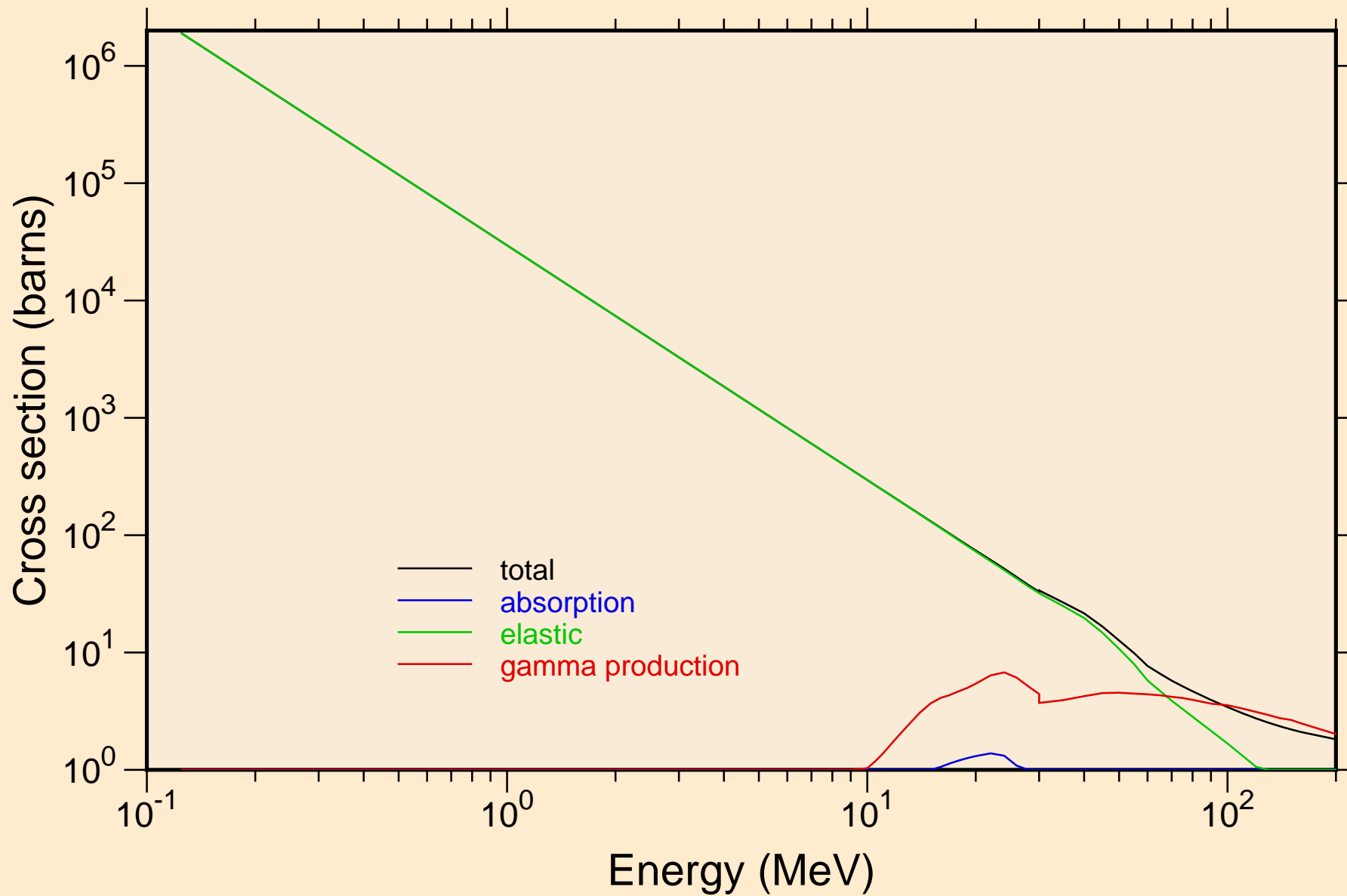
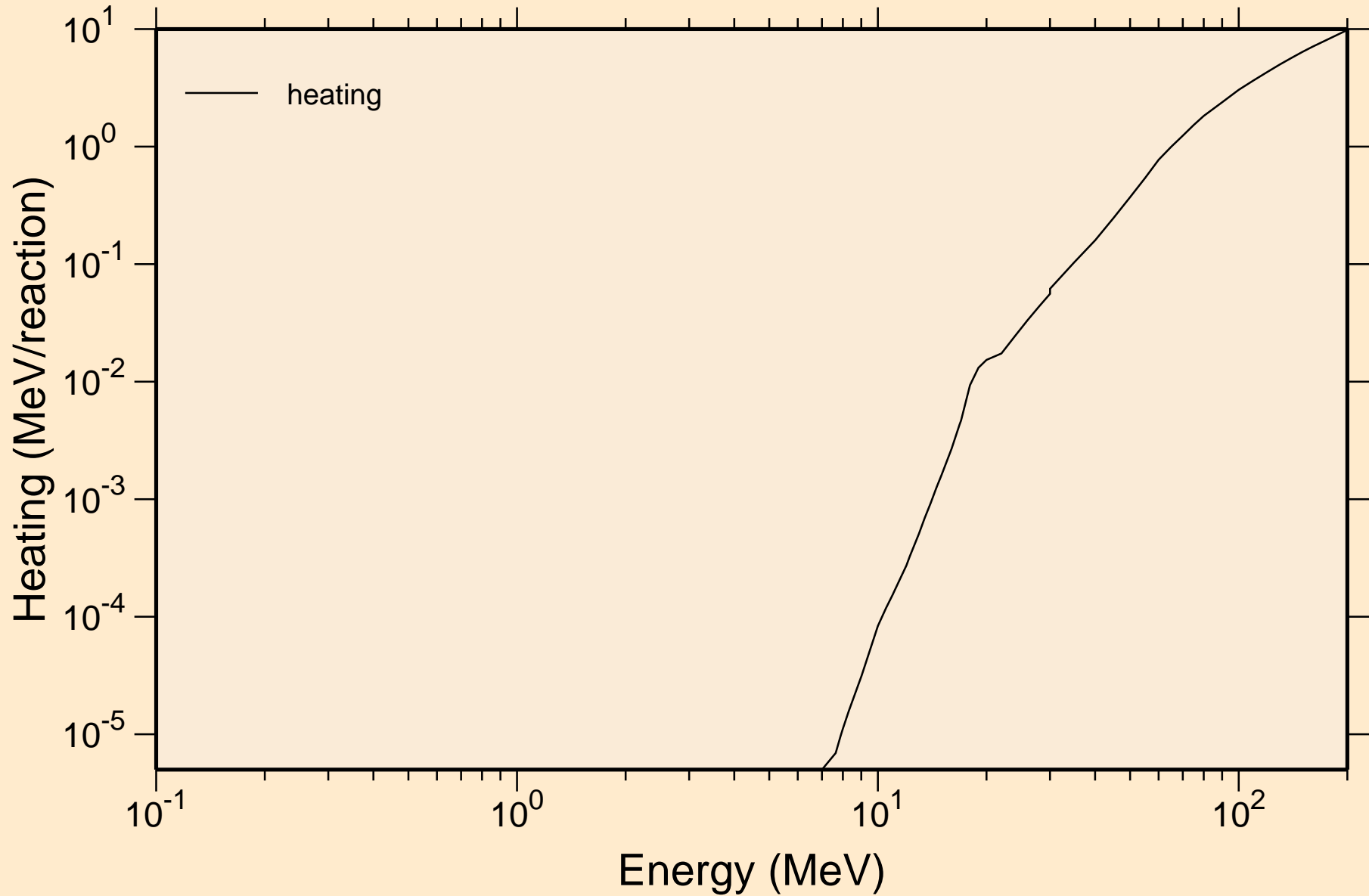


TM179 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



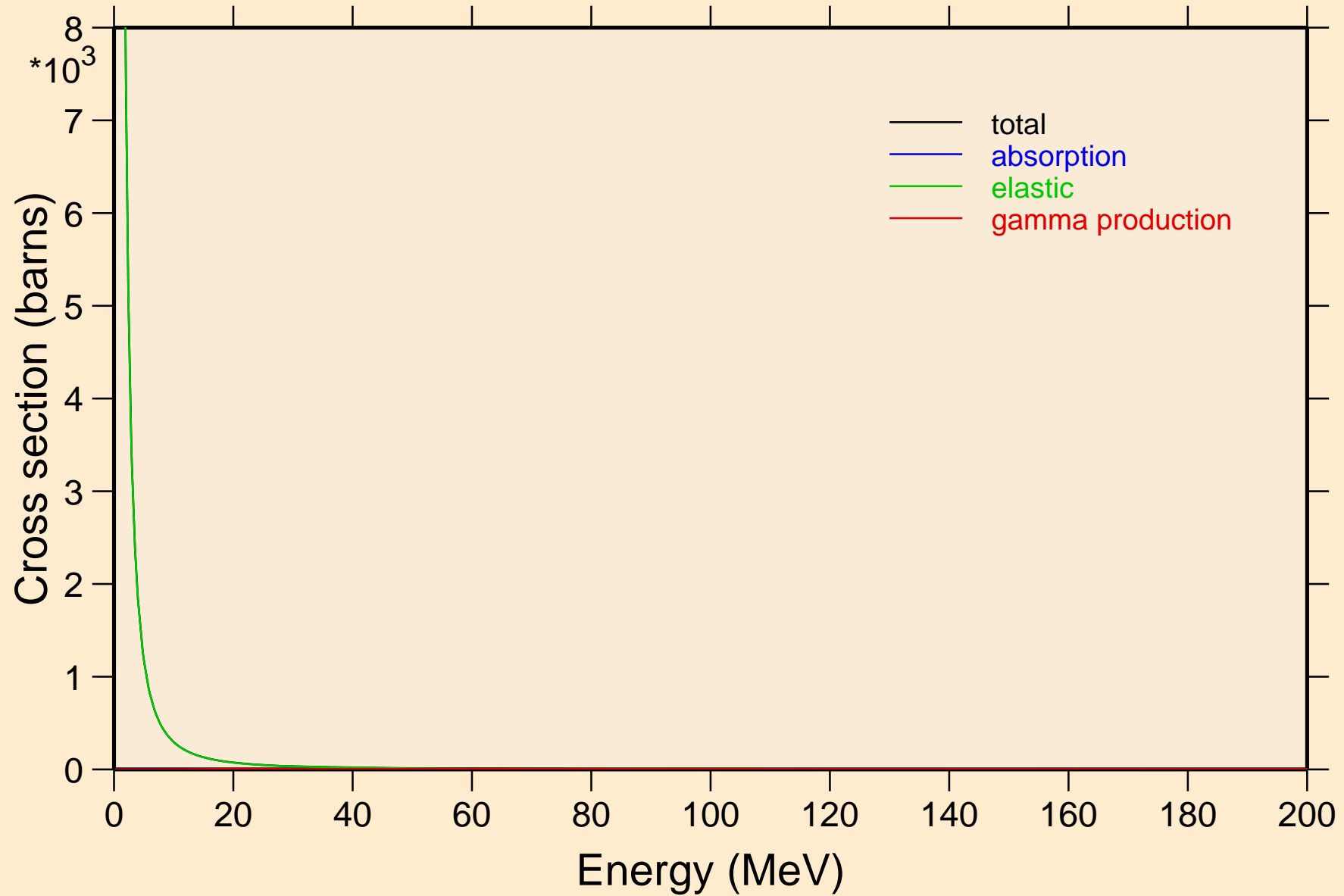
# TM179 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



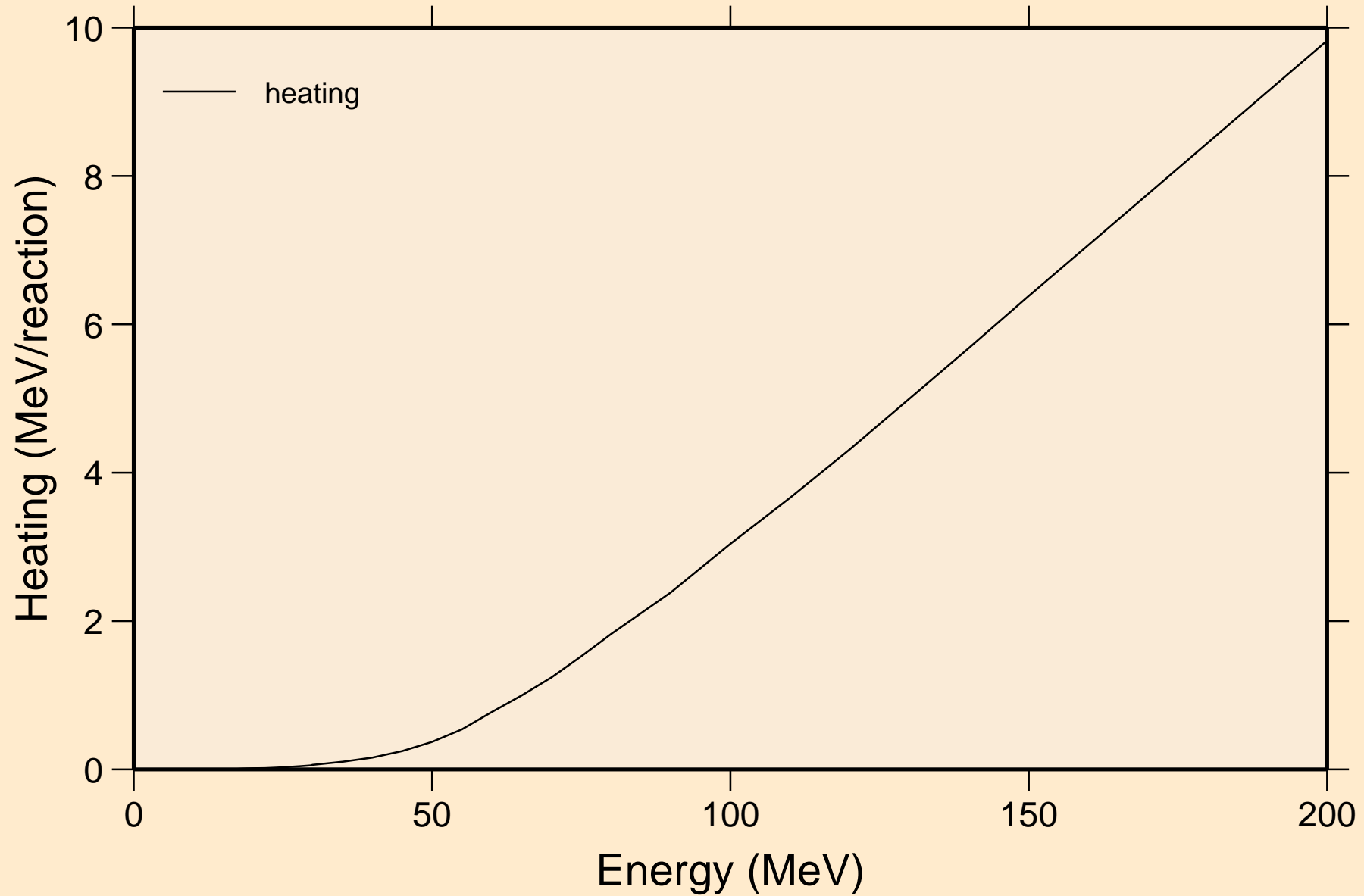
# TM179 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

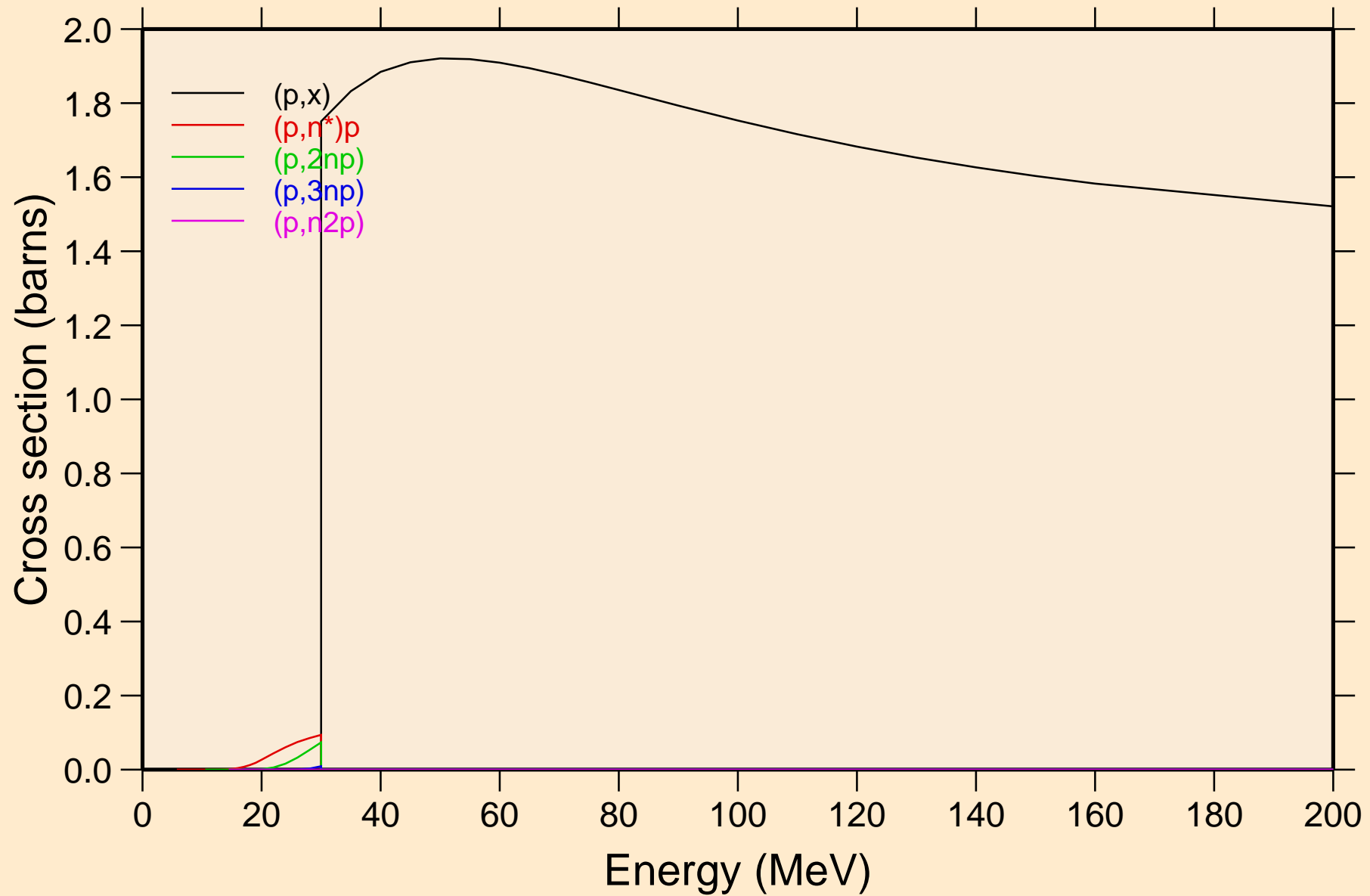


# TM179 PROTON ACER TENDL-2023 LIBRARY; T=0.K

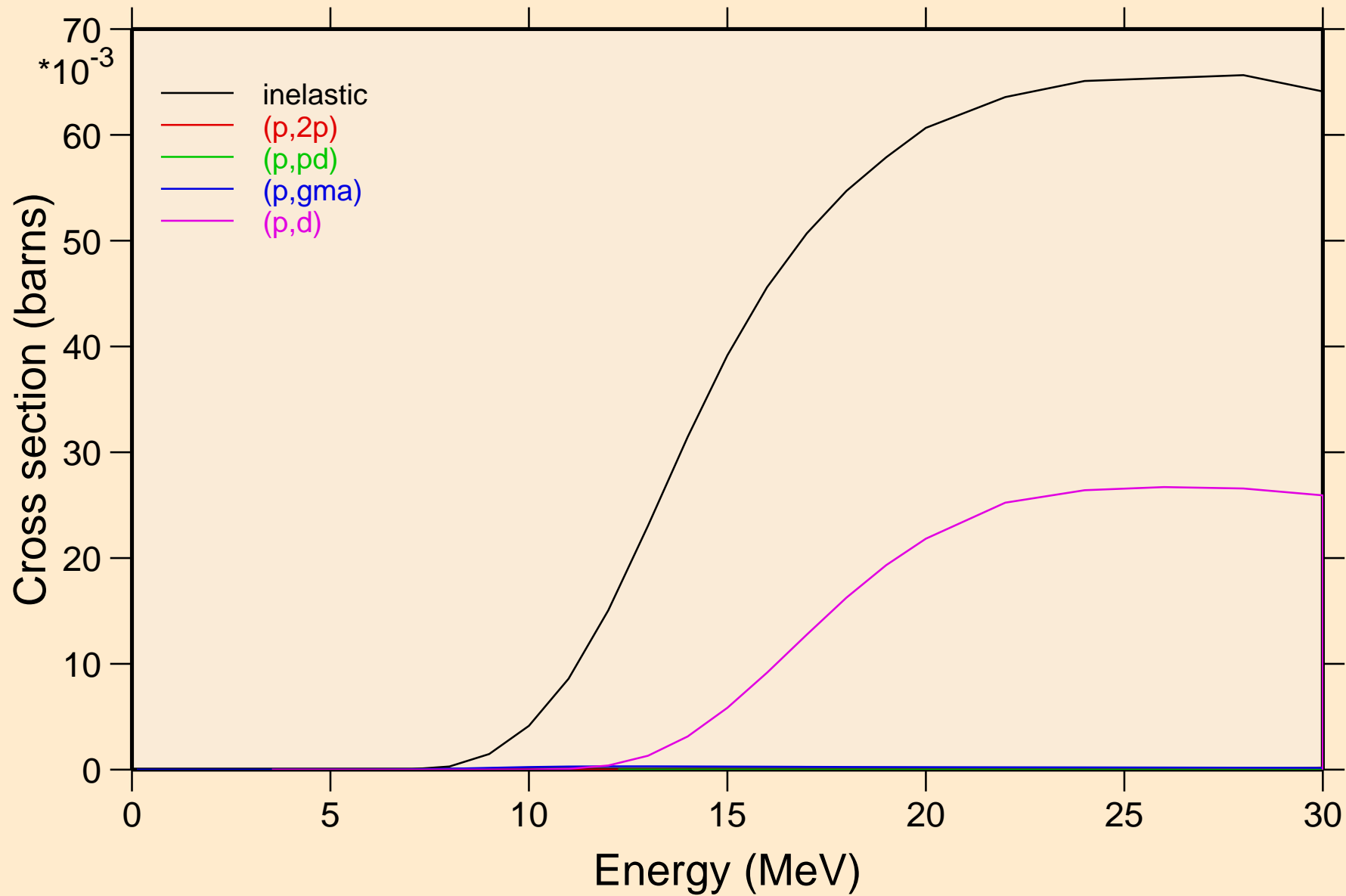
## Heating



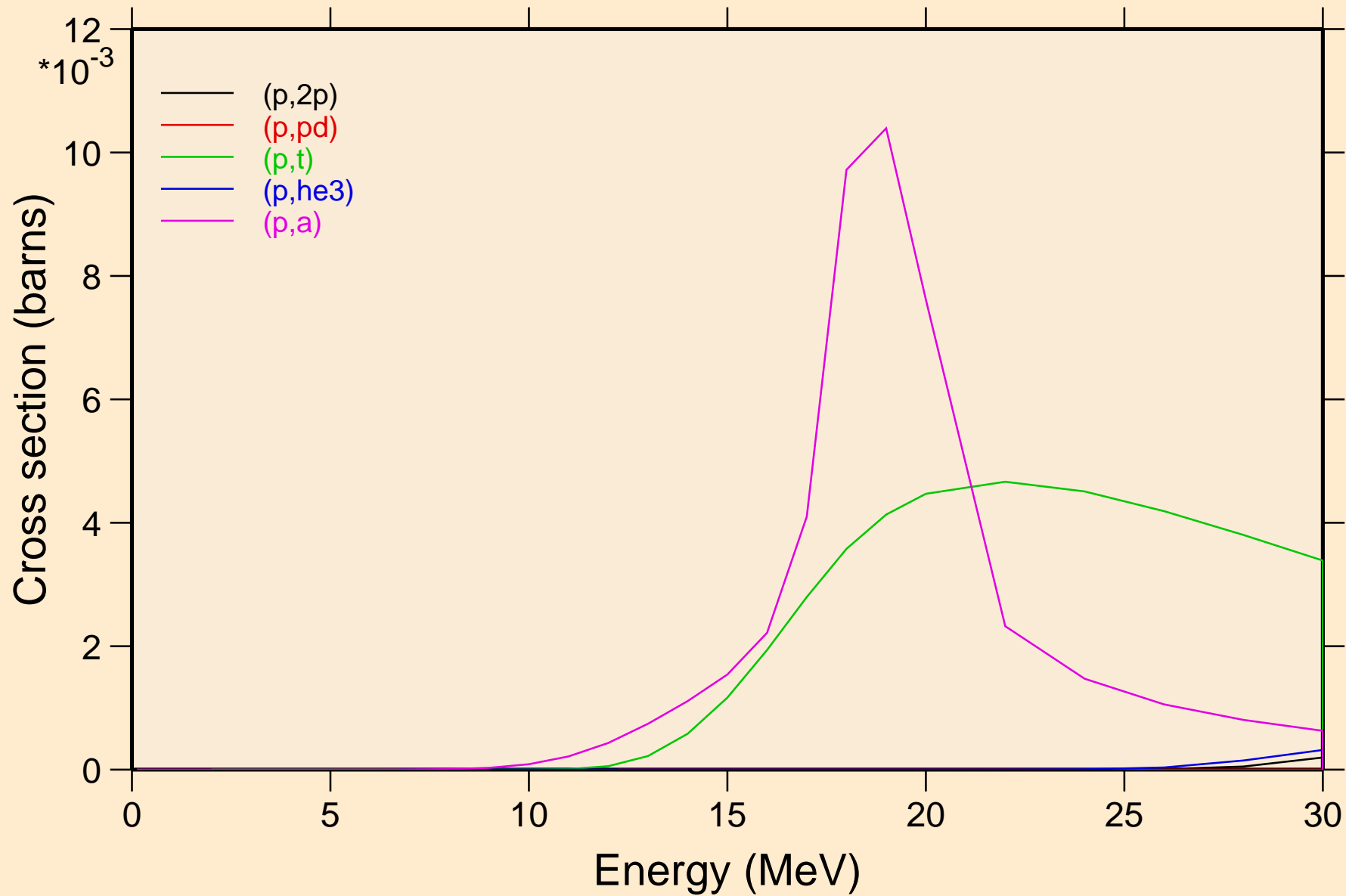
TM179 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



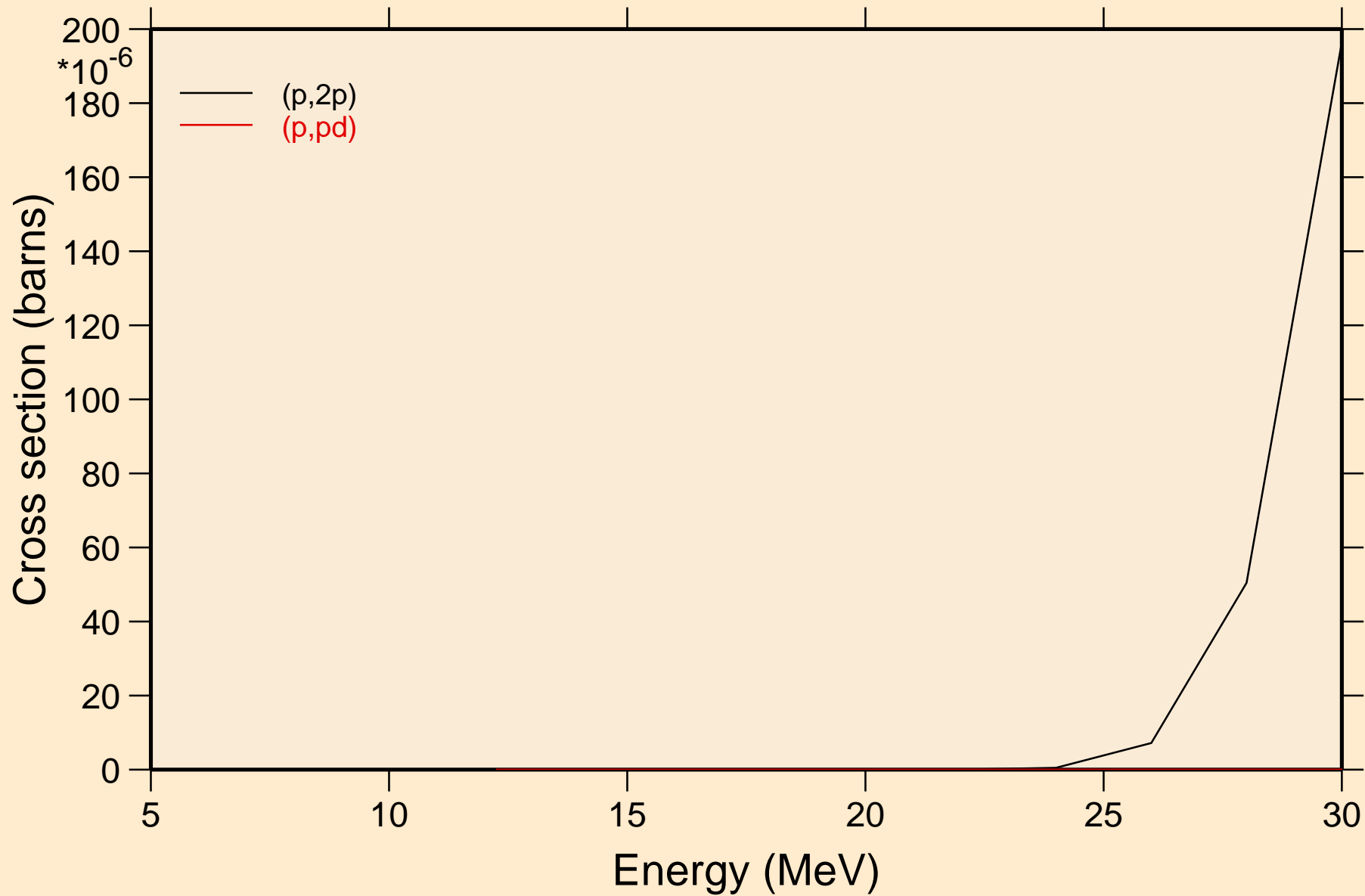
TM179 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



TM179 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

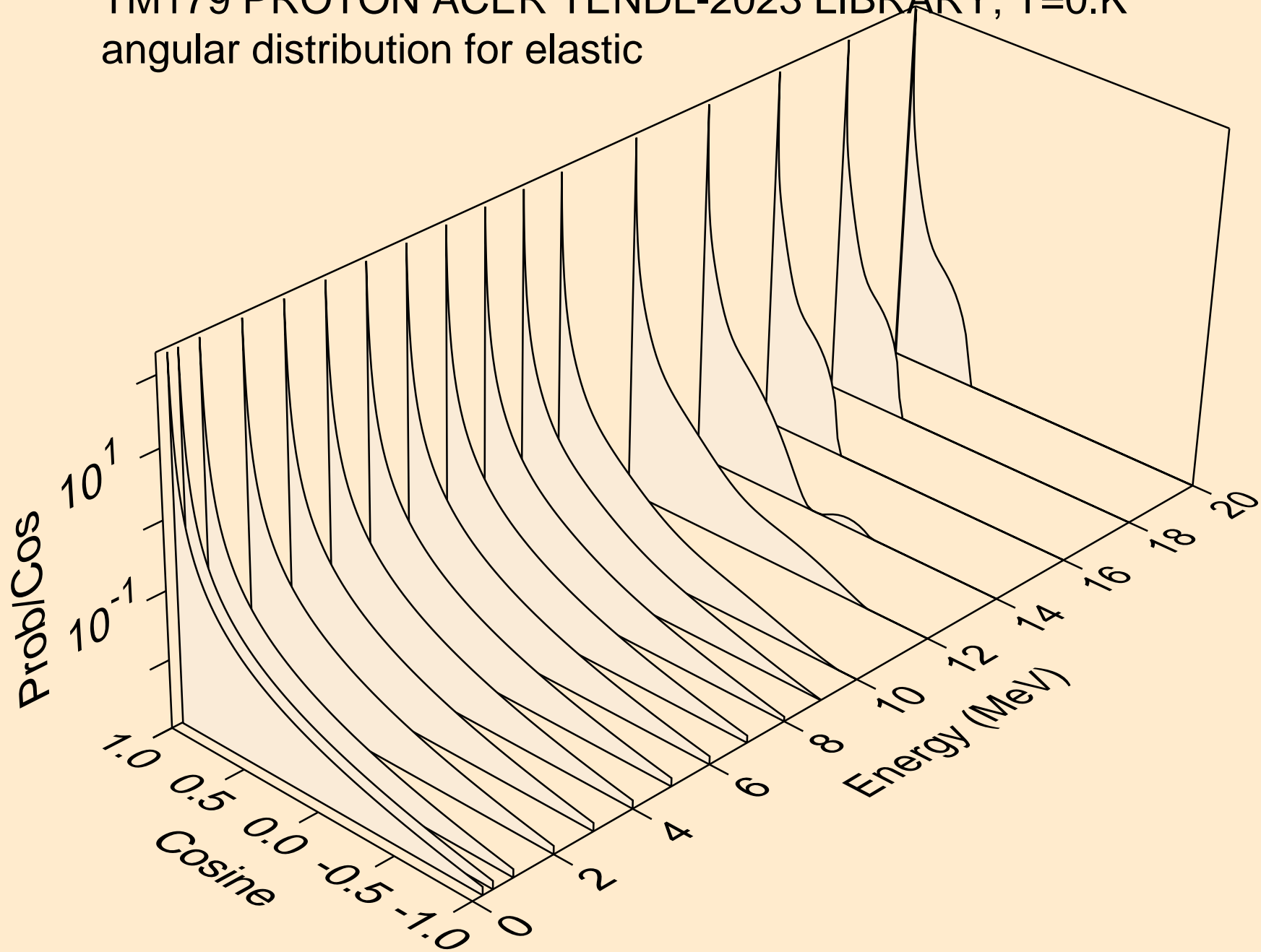


TM179 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

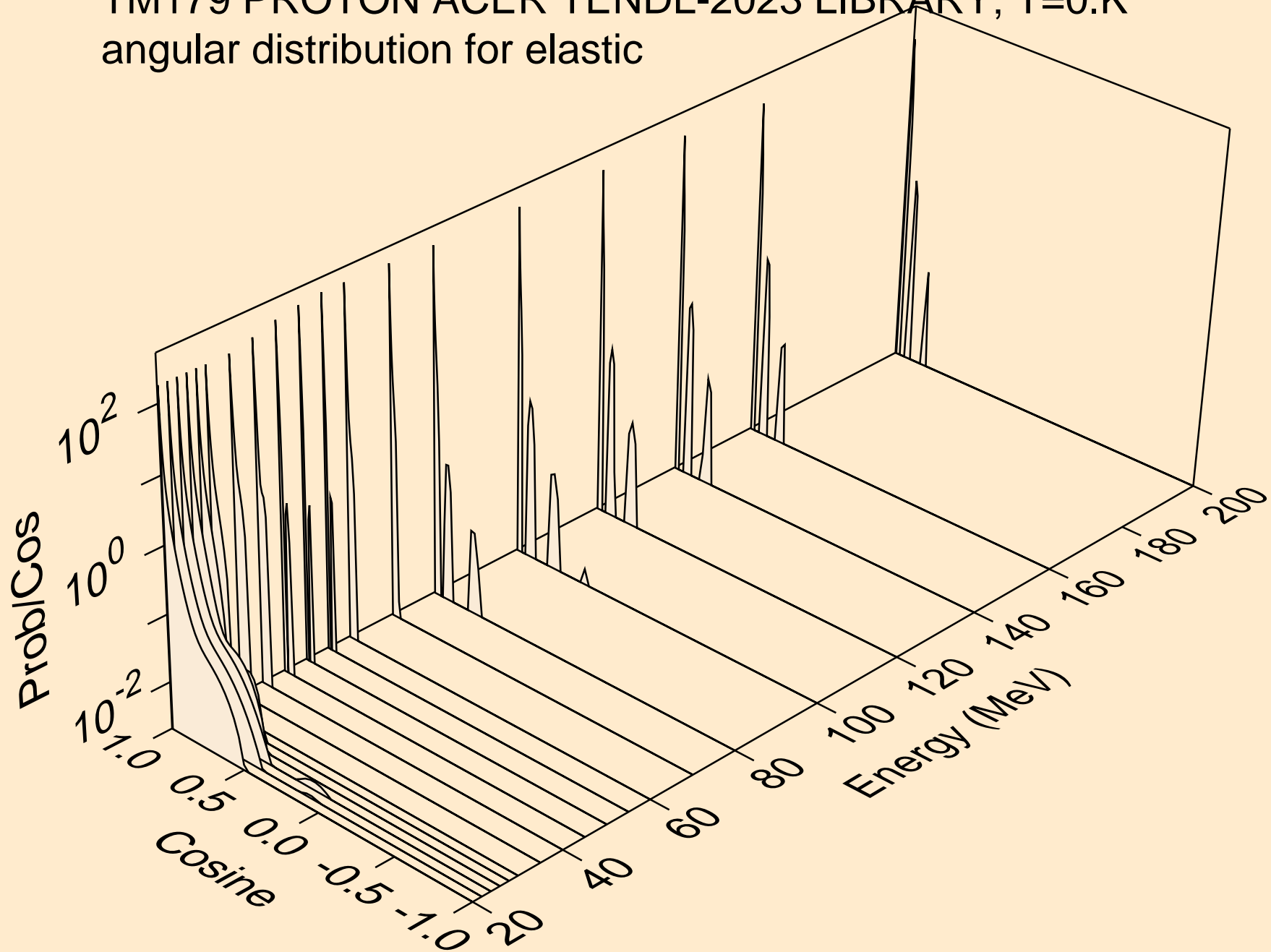




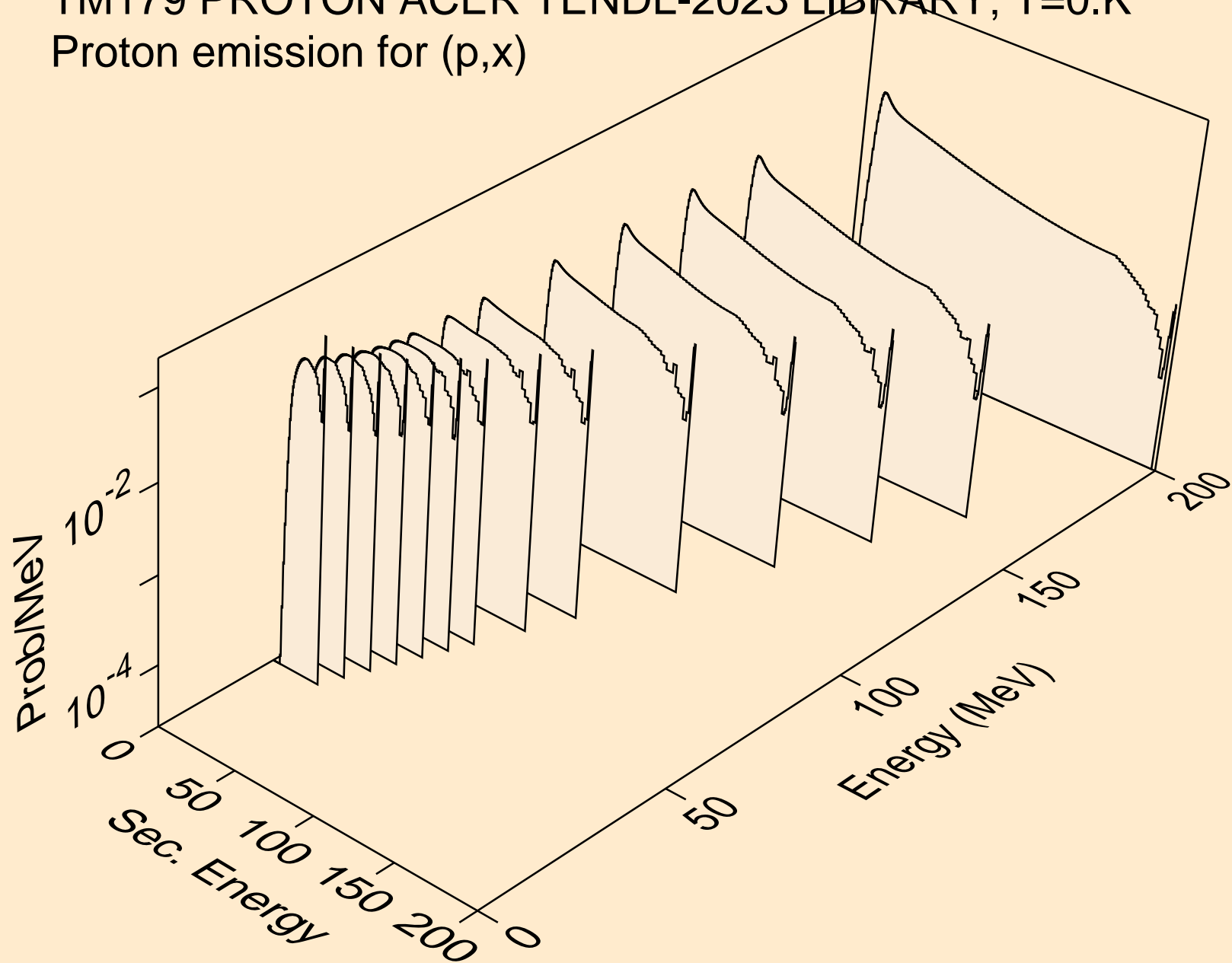
TM179 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



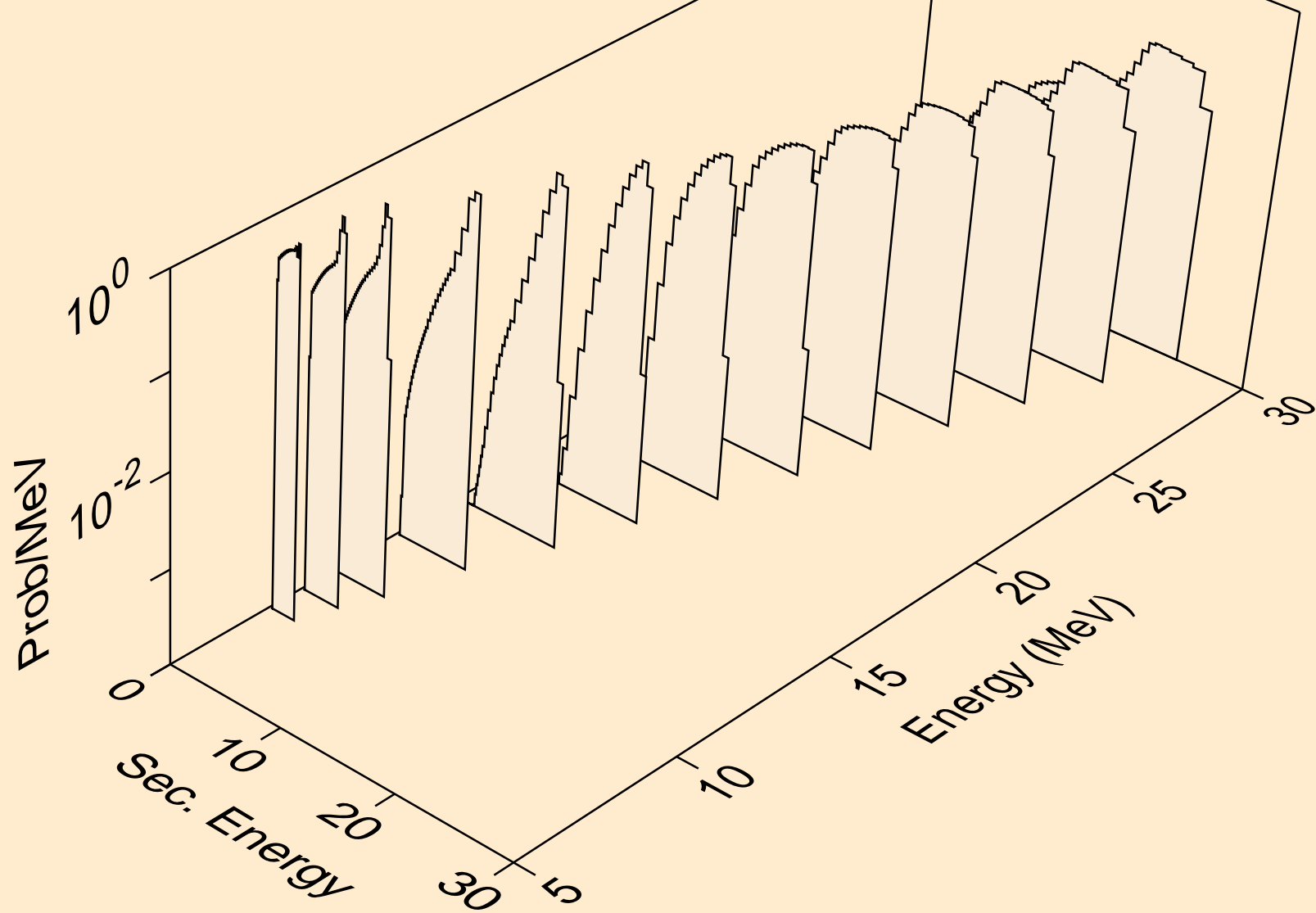
TM179 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



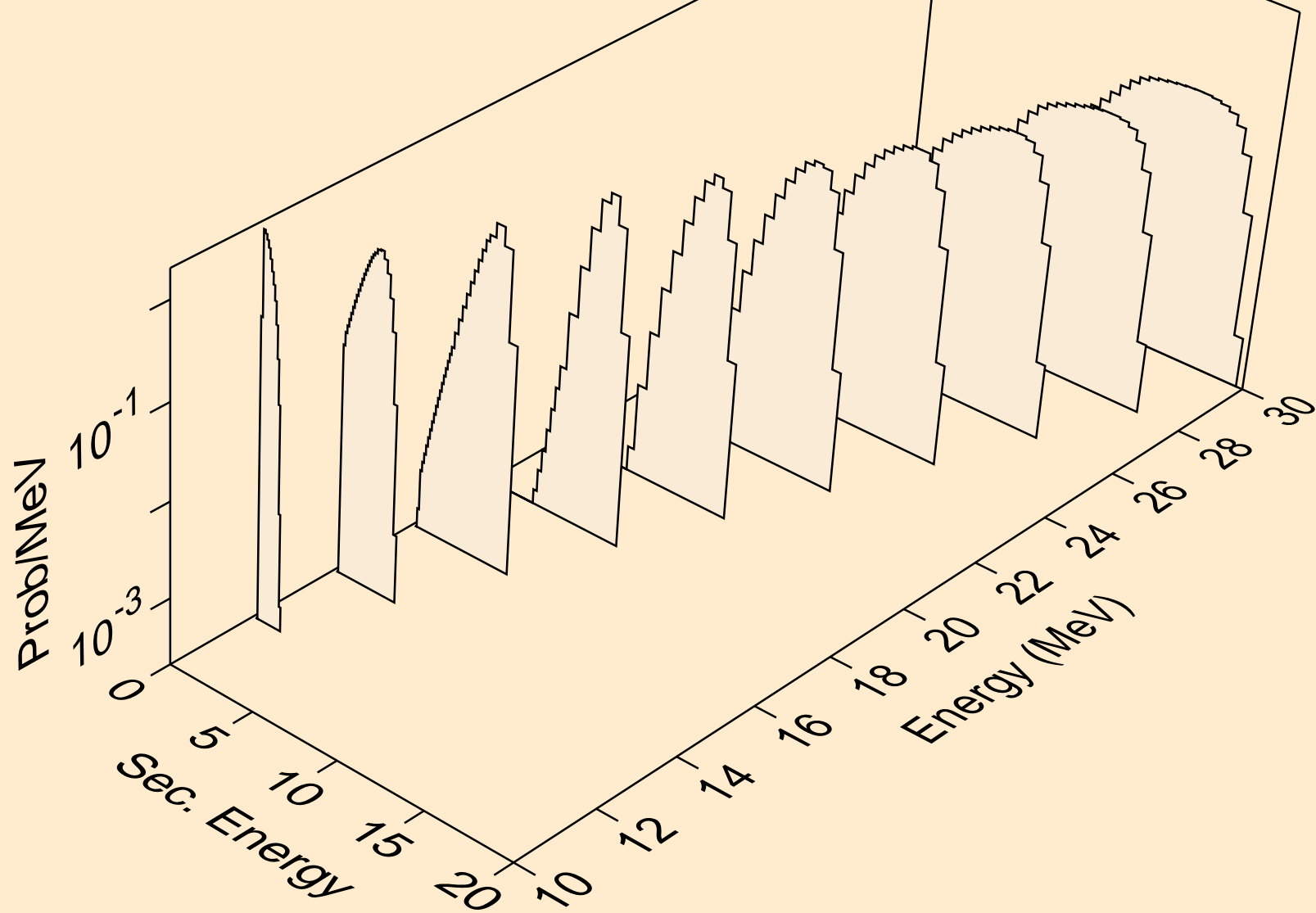
TM179 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



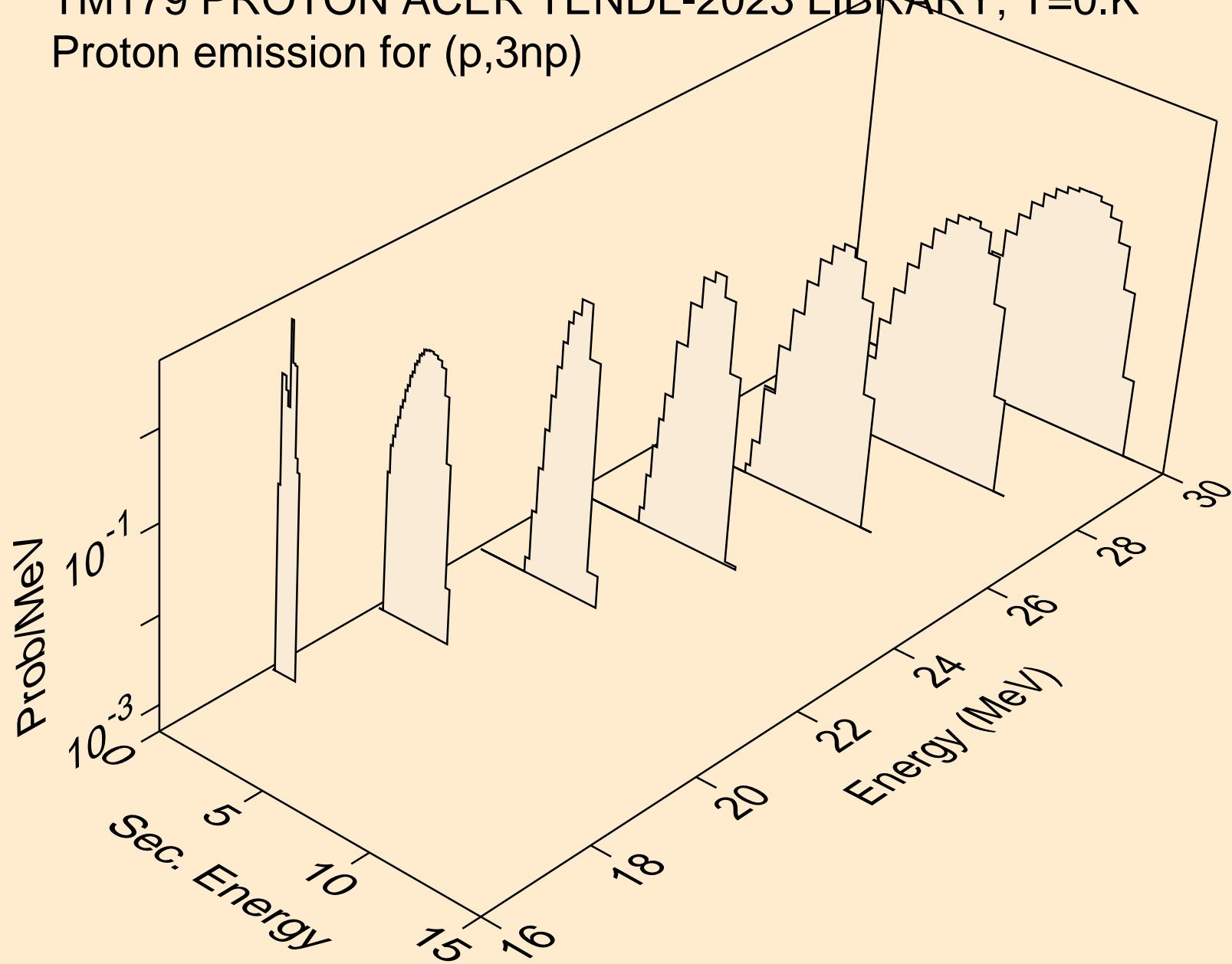
TM179 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



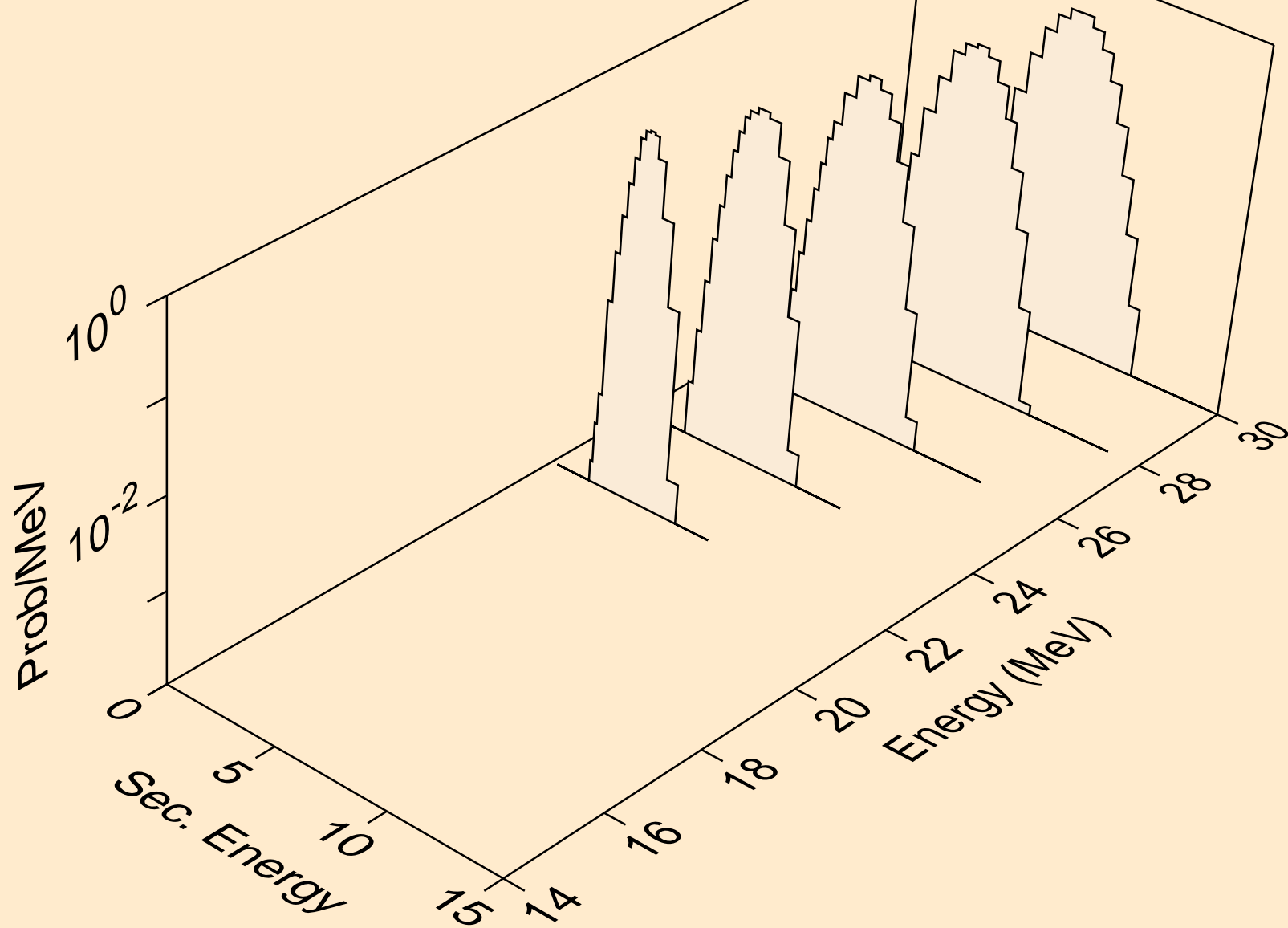
TM179 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



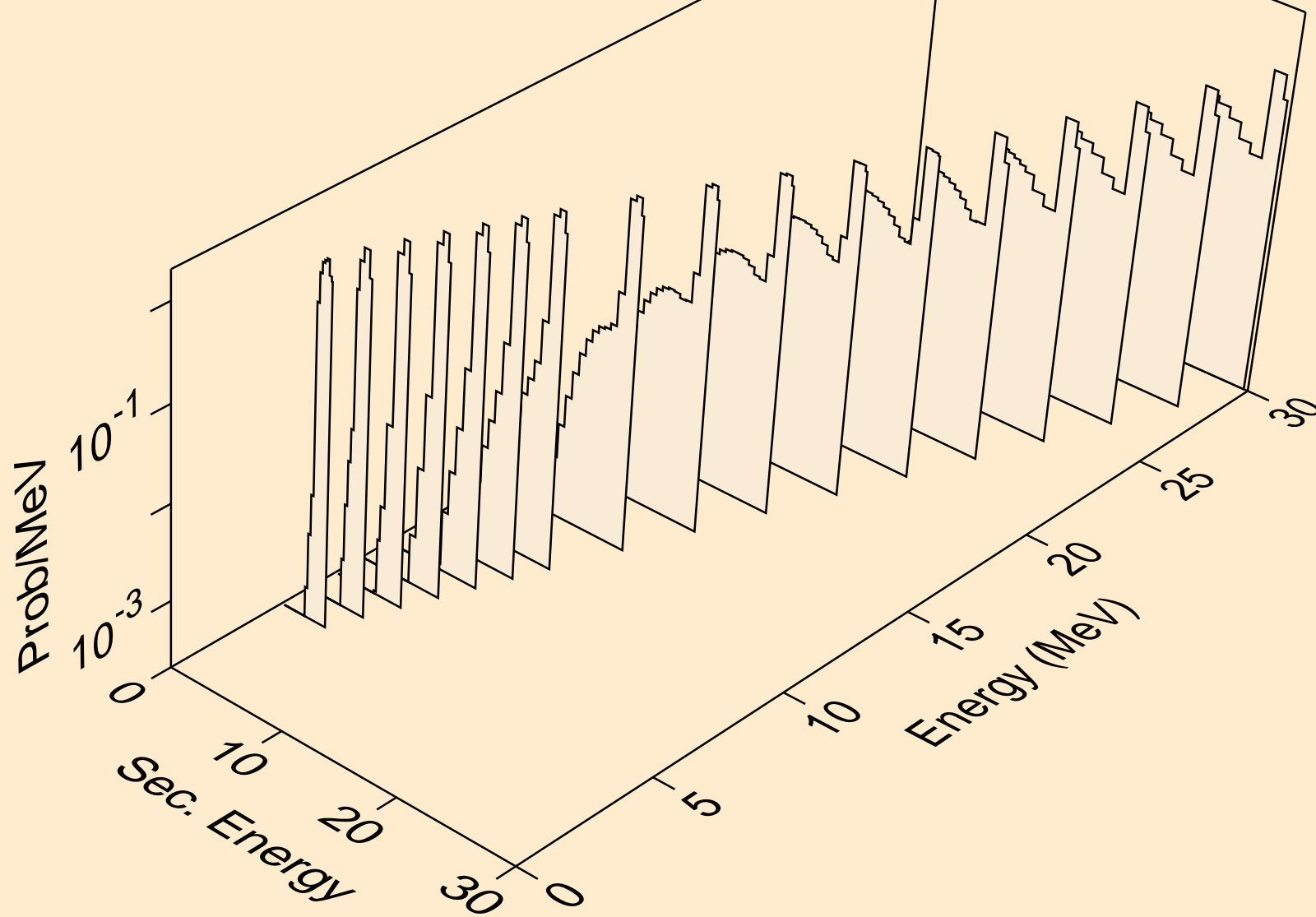
TM179 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,3np)



TM179 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)

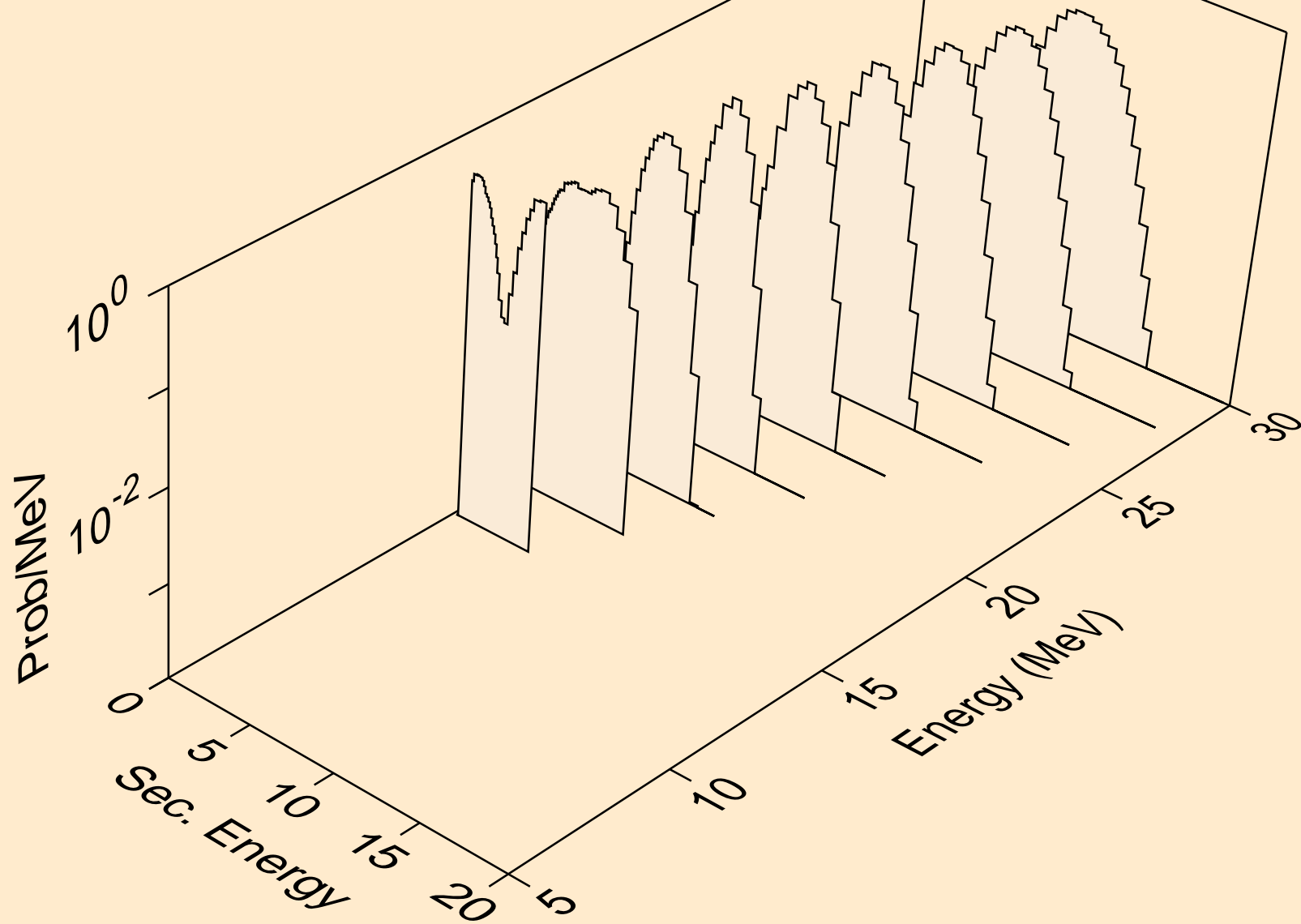


TM179 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

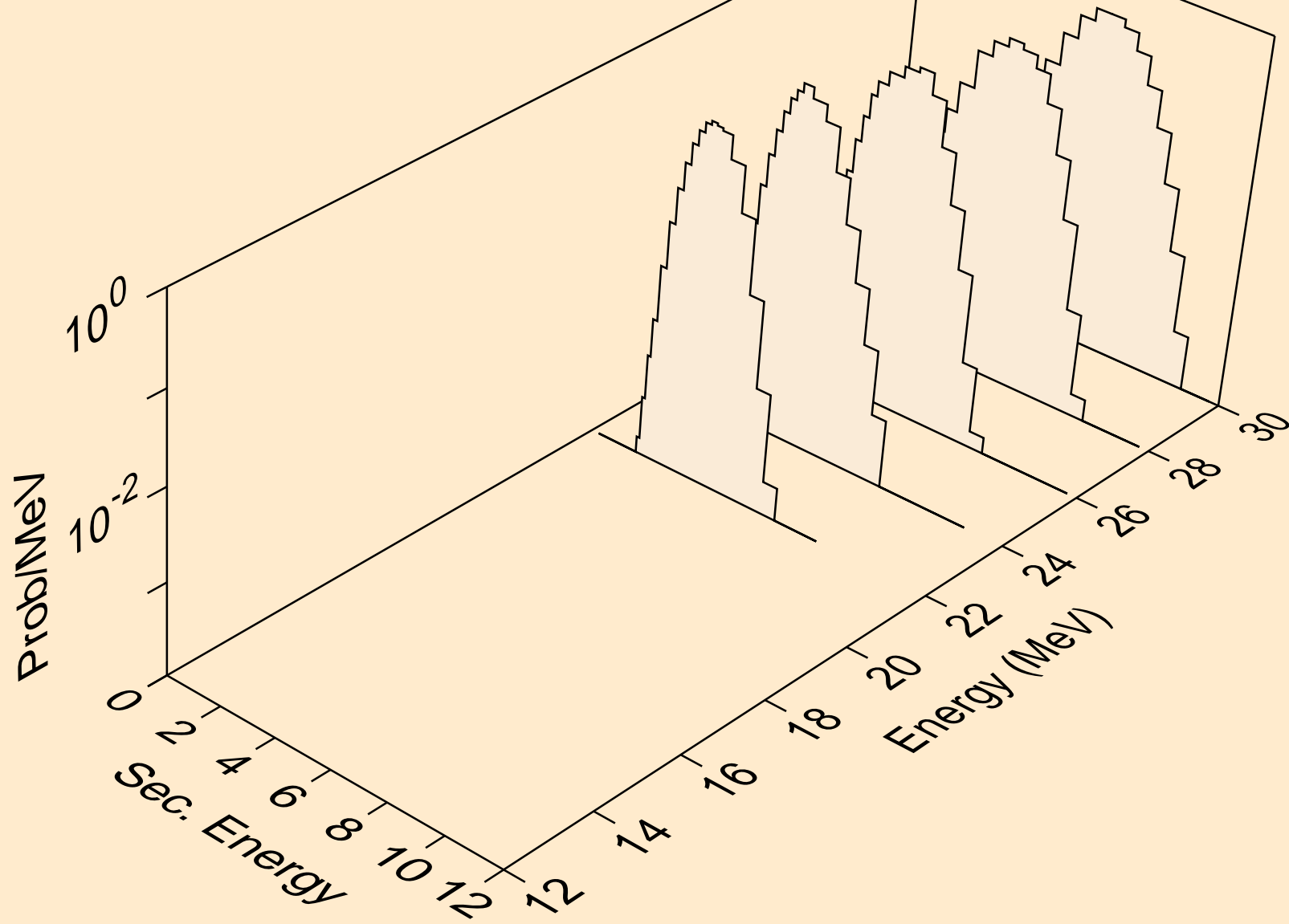




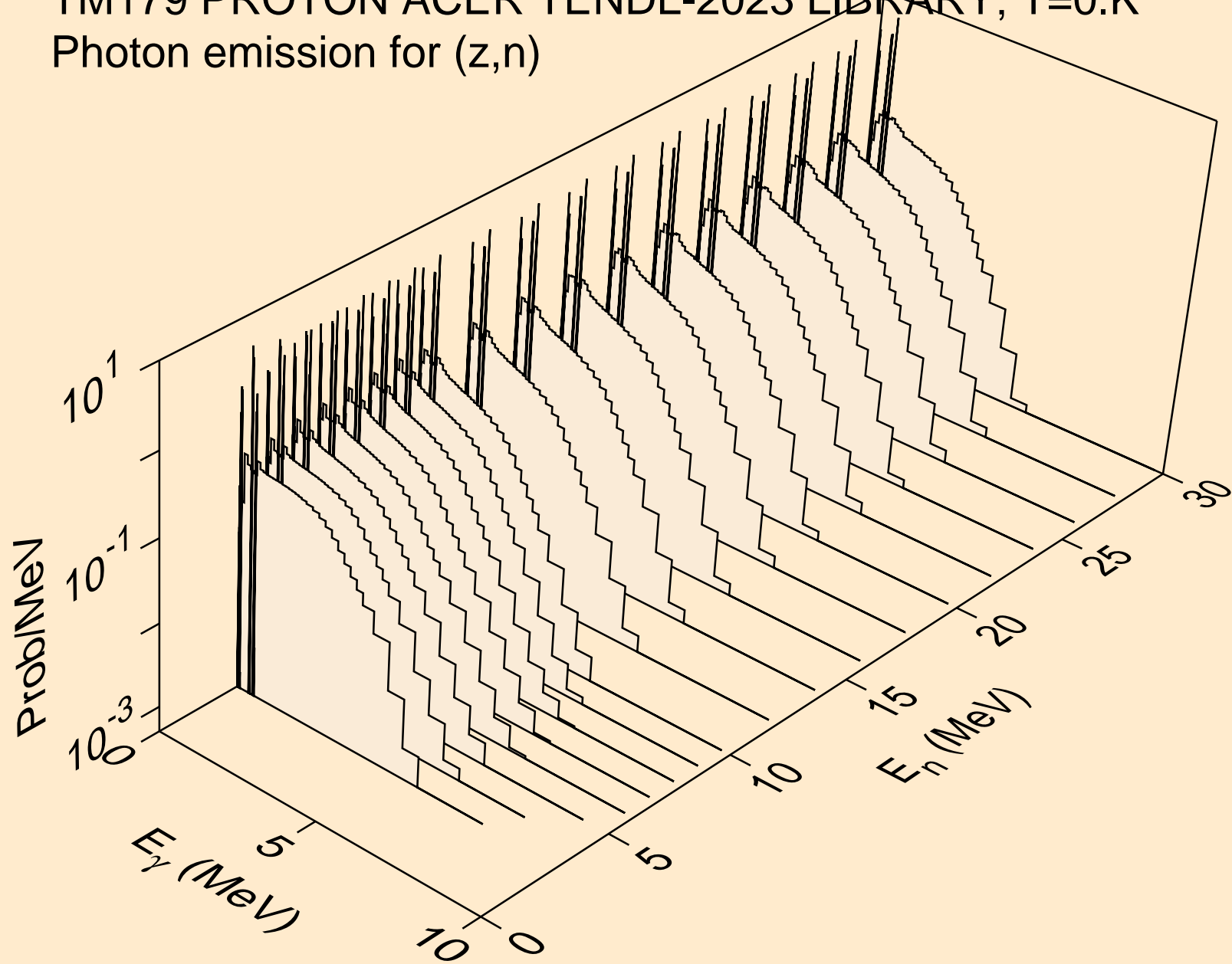
TM179 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)



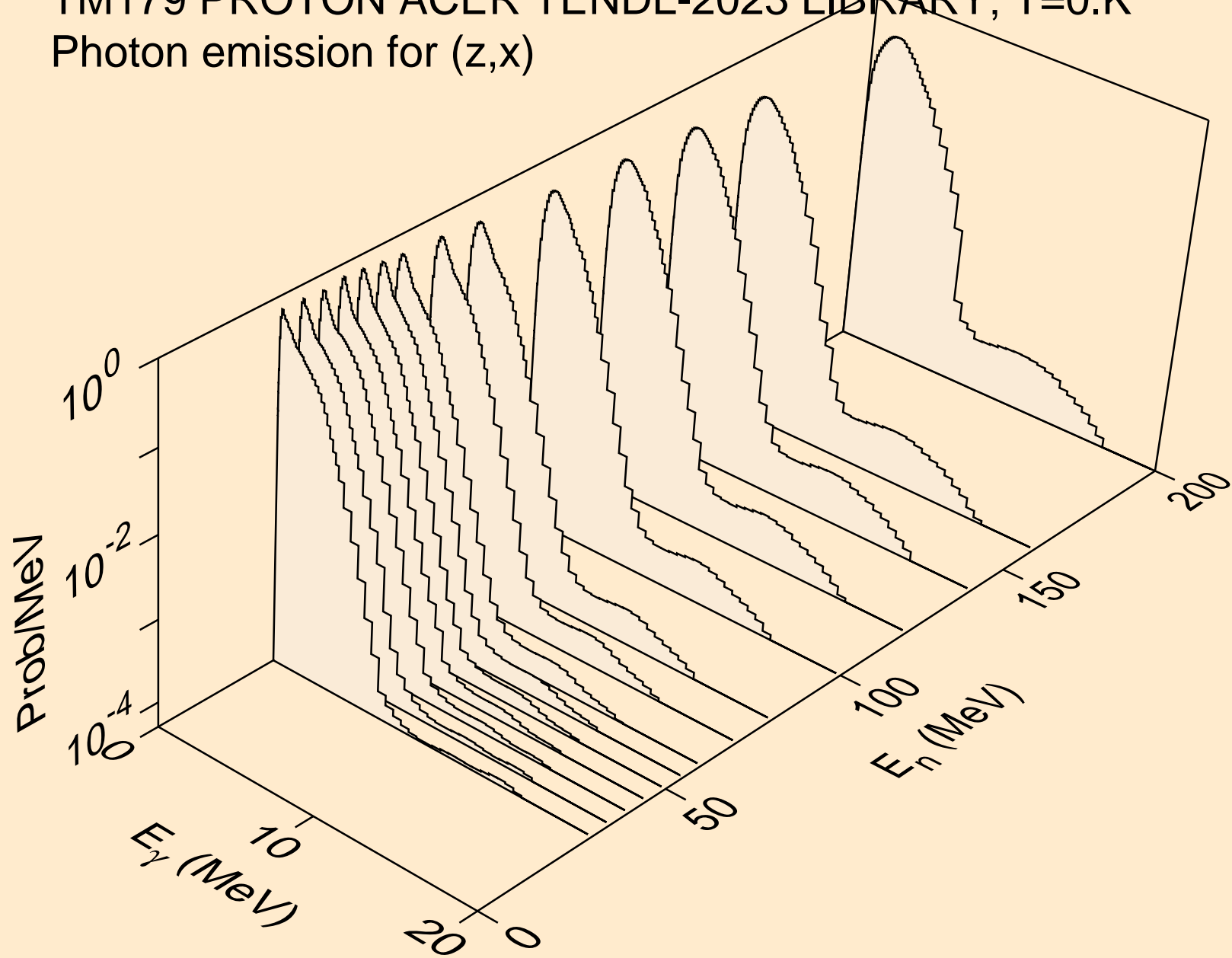
TM179 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pd)



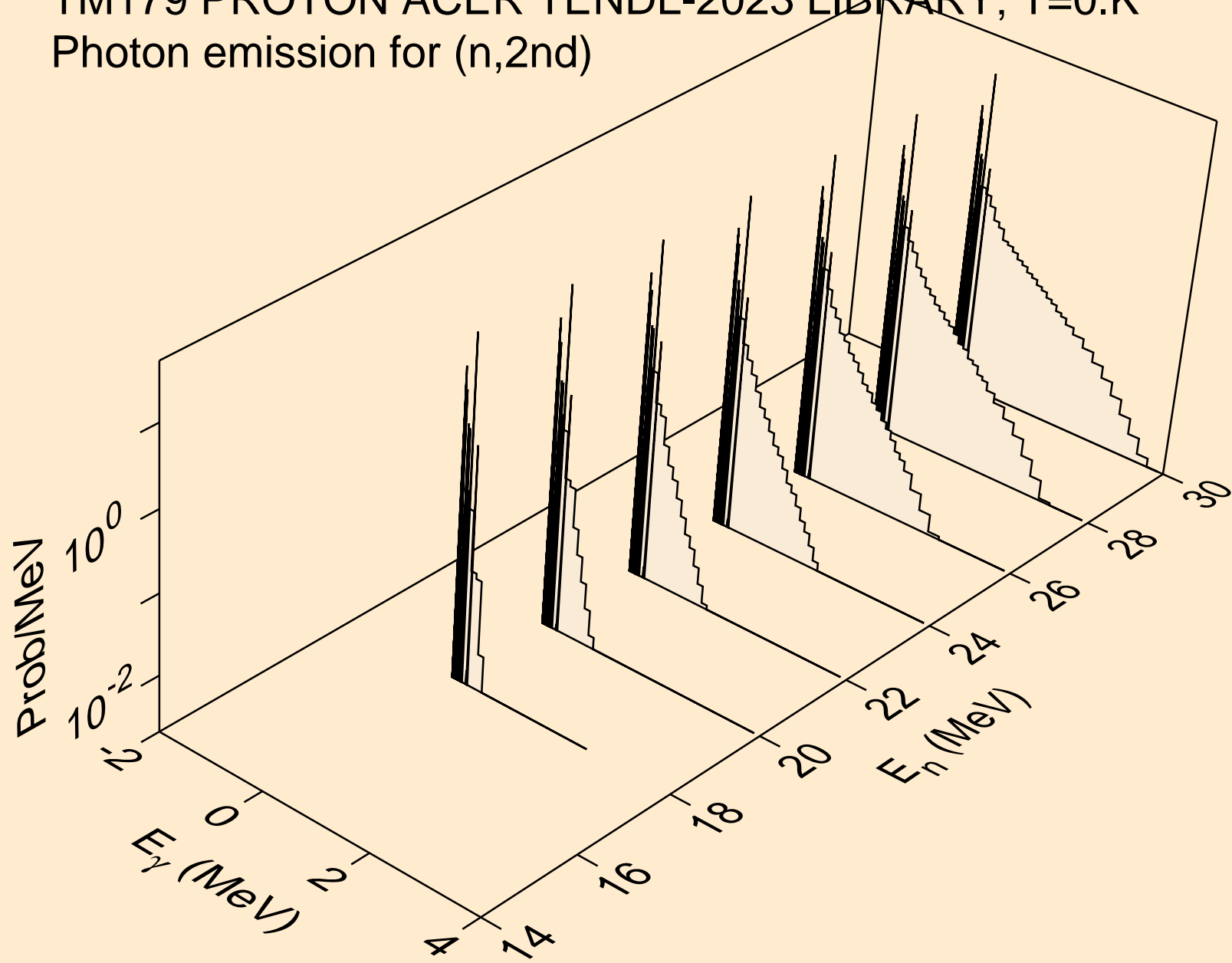
TM179 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



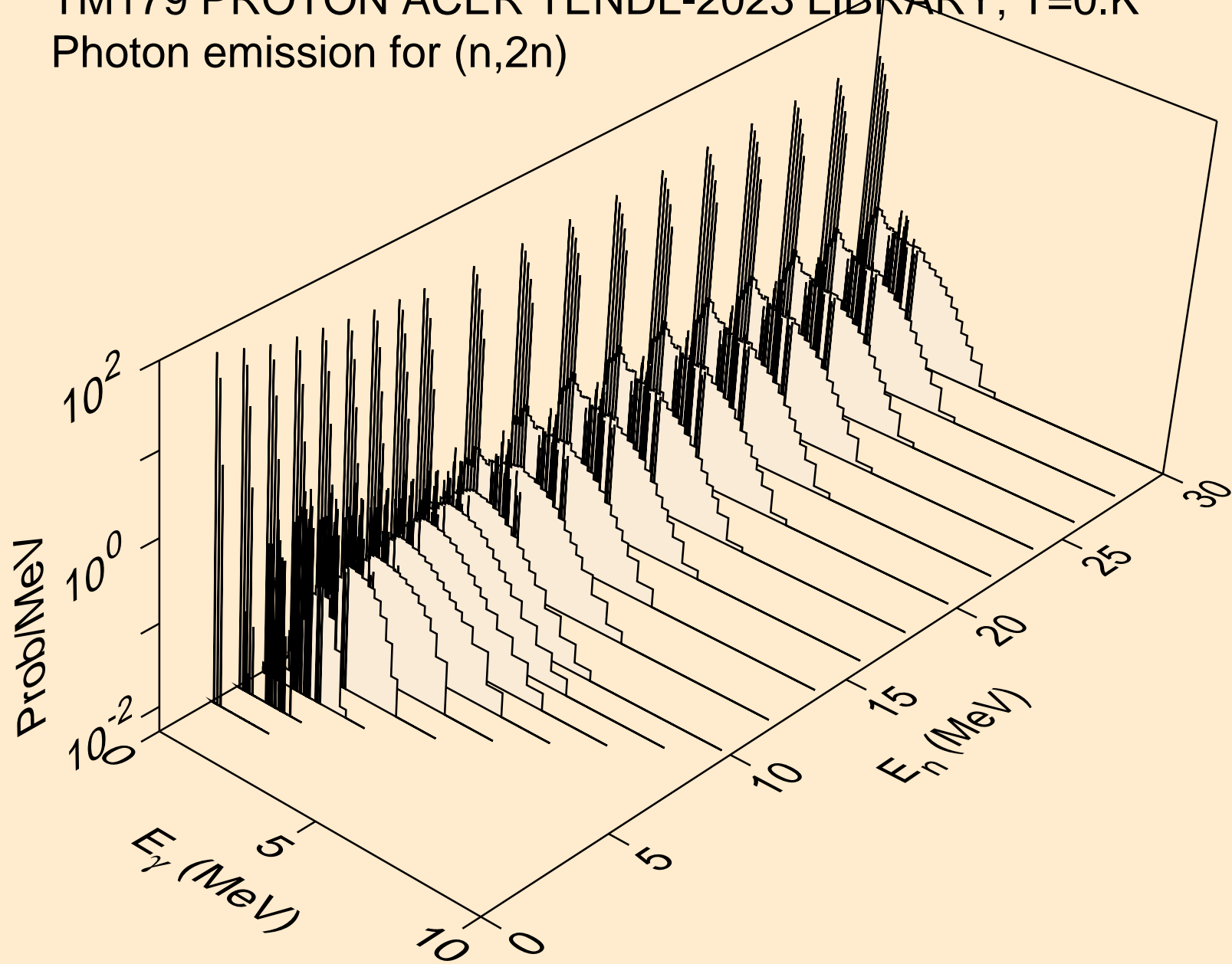
TM179 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



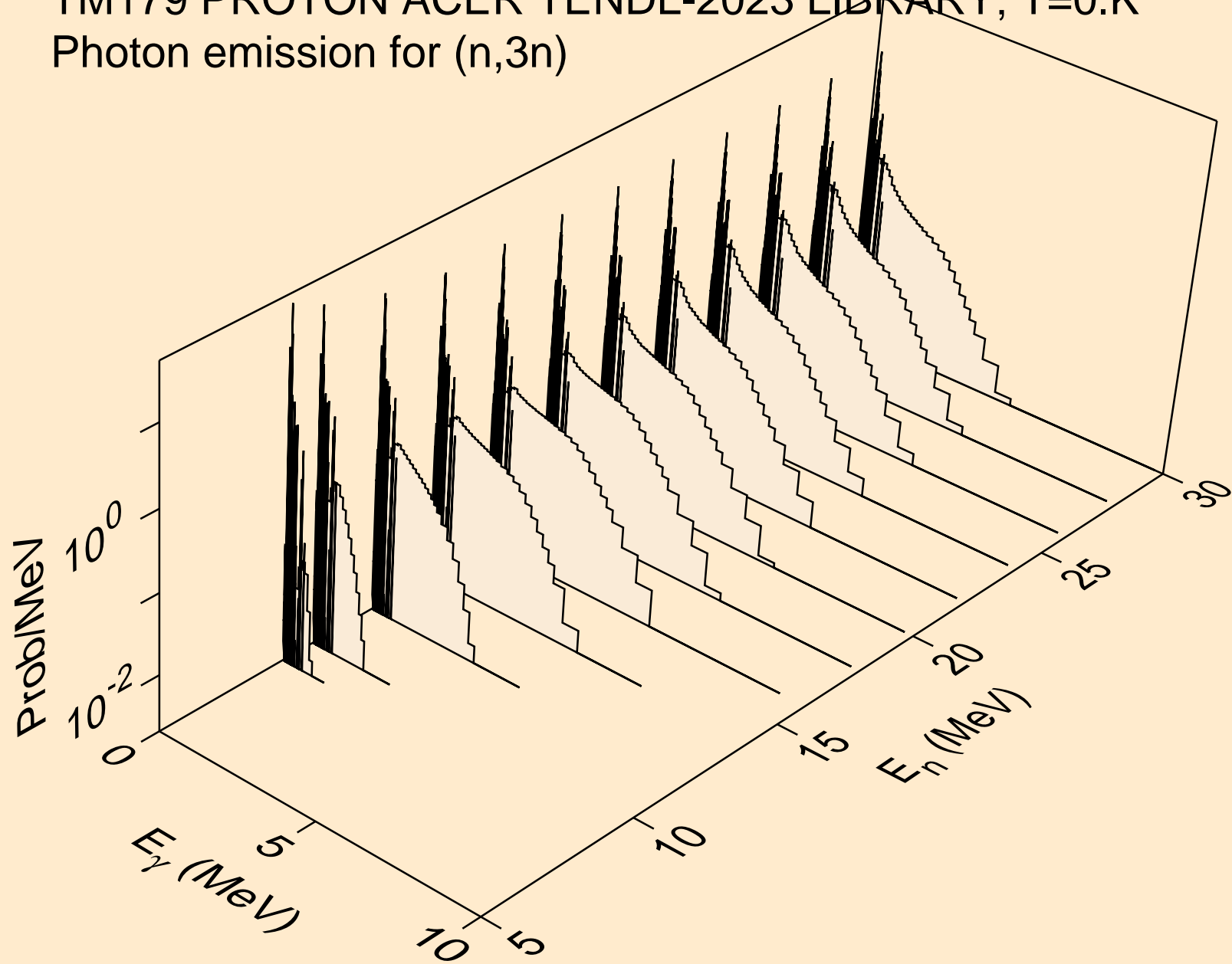
TM179 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



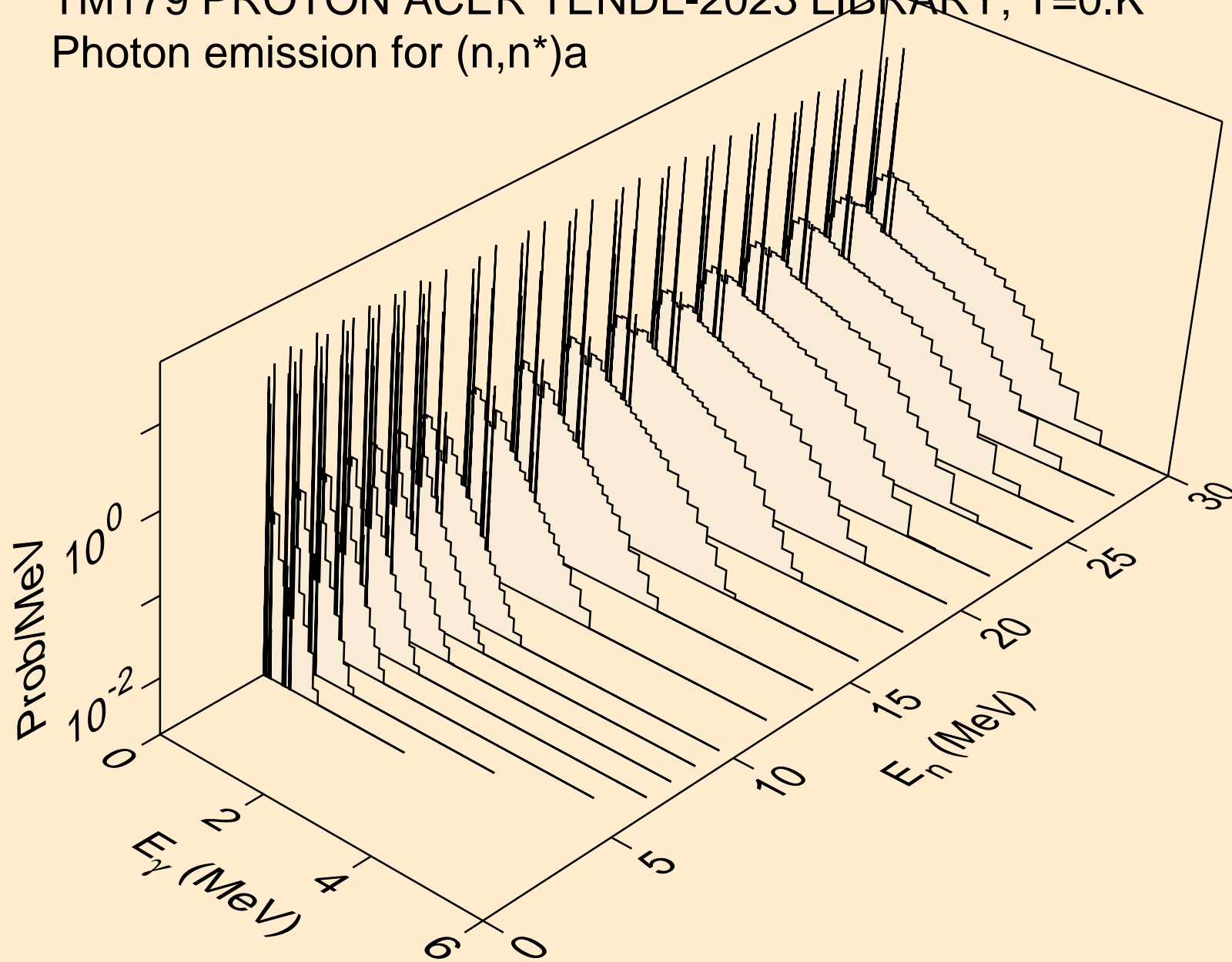
TM179 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



TM179 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)

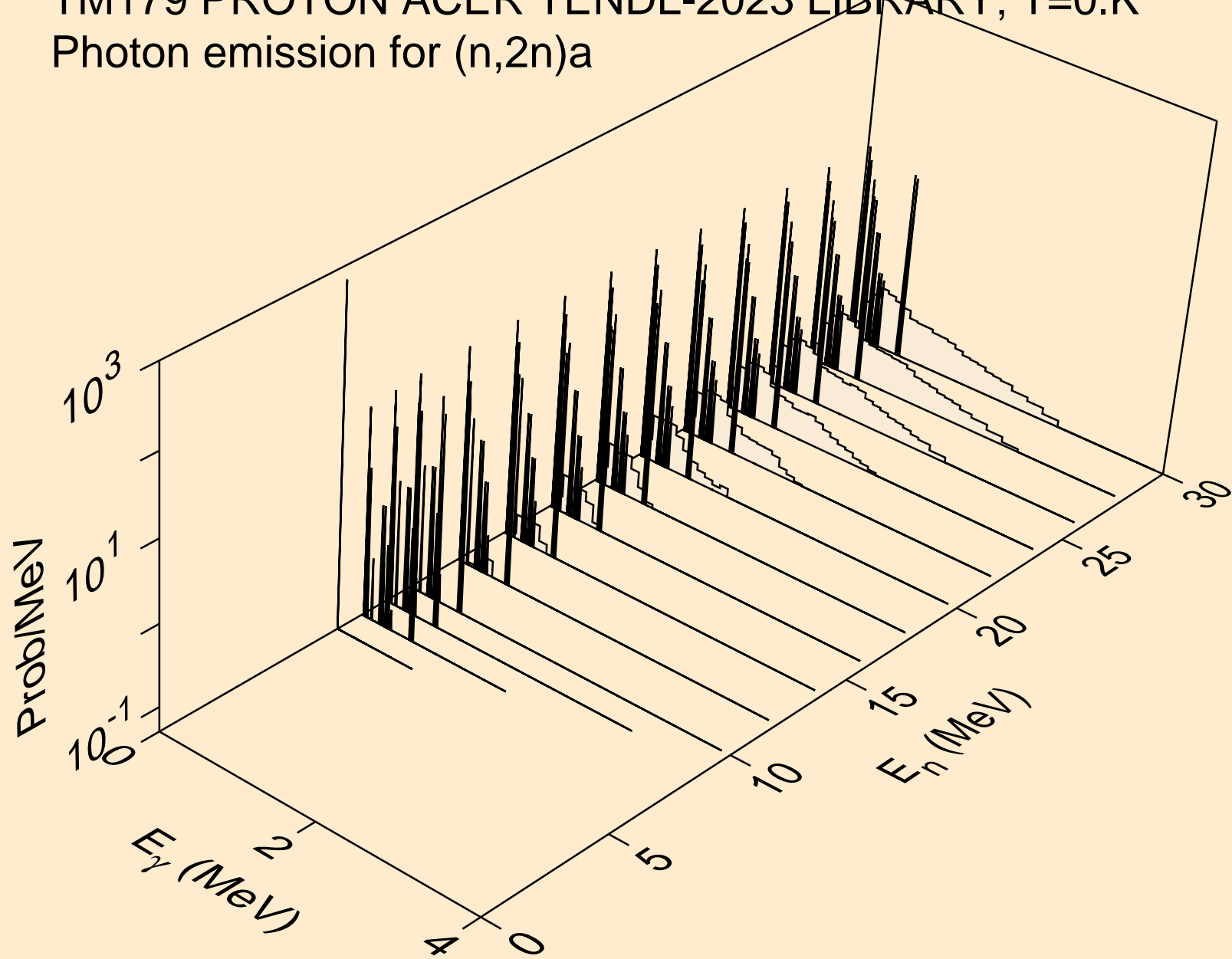


TM179 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

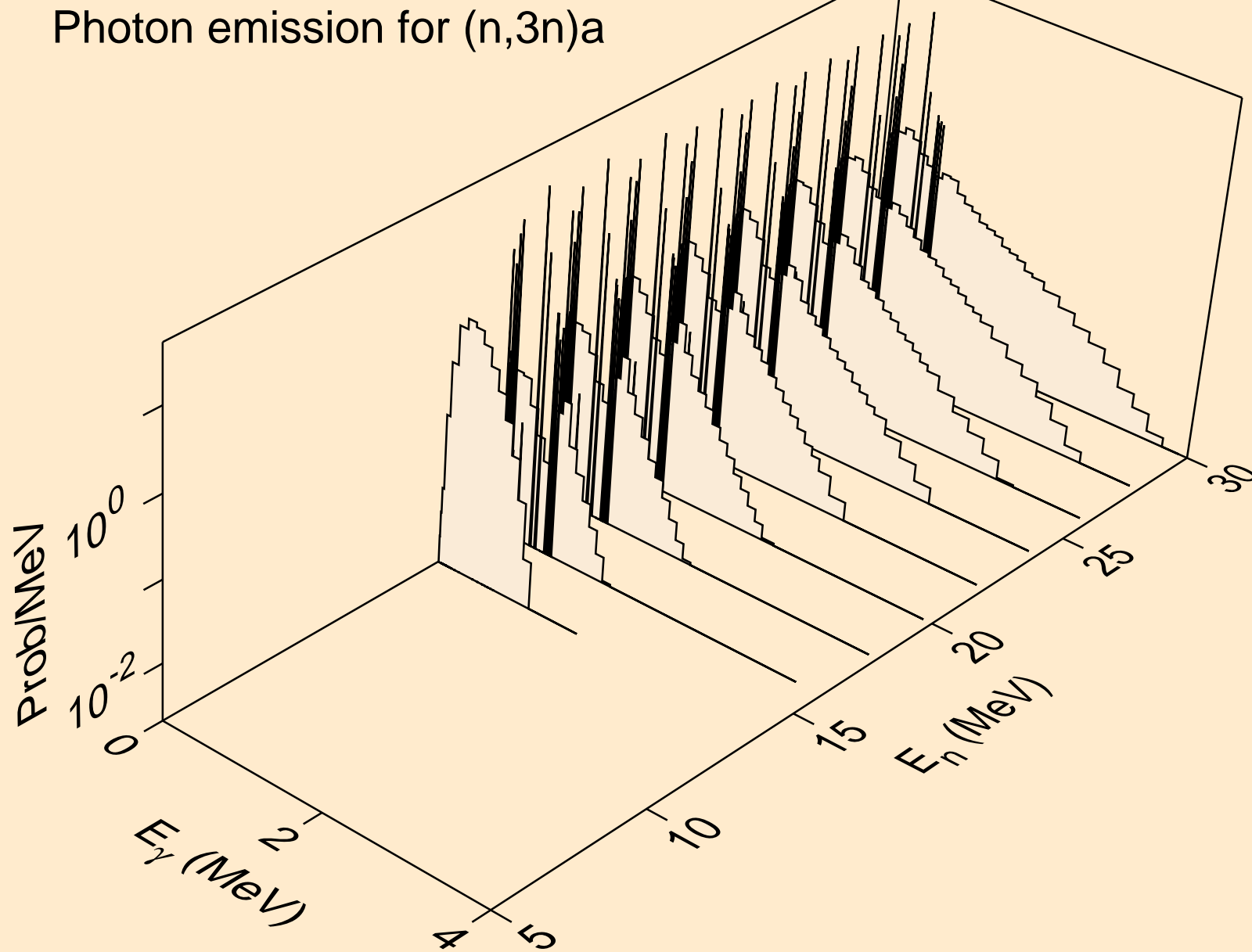




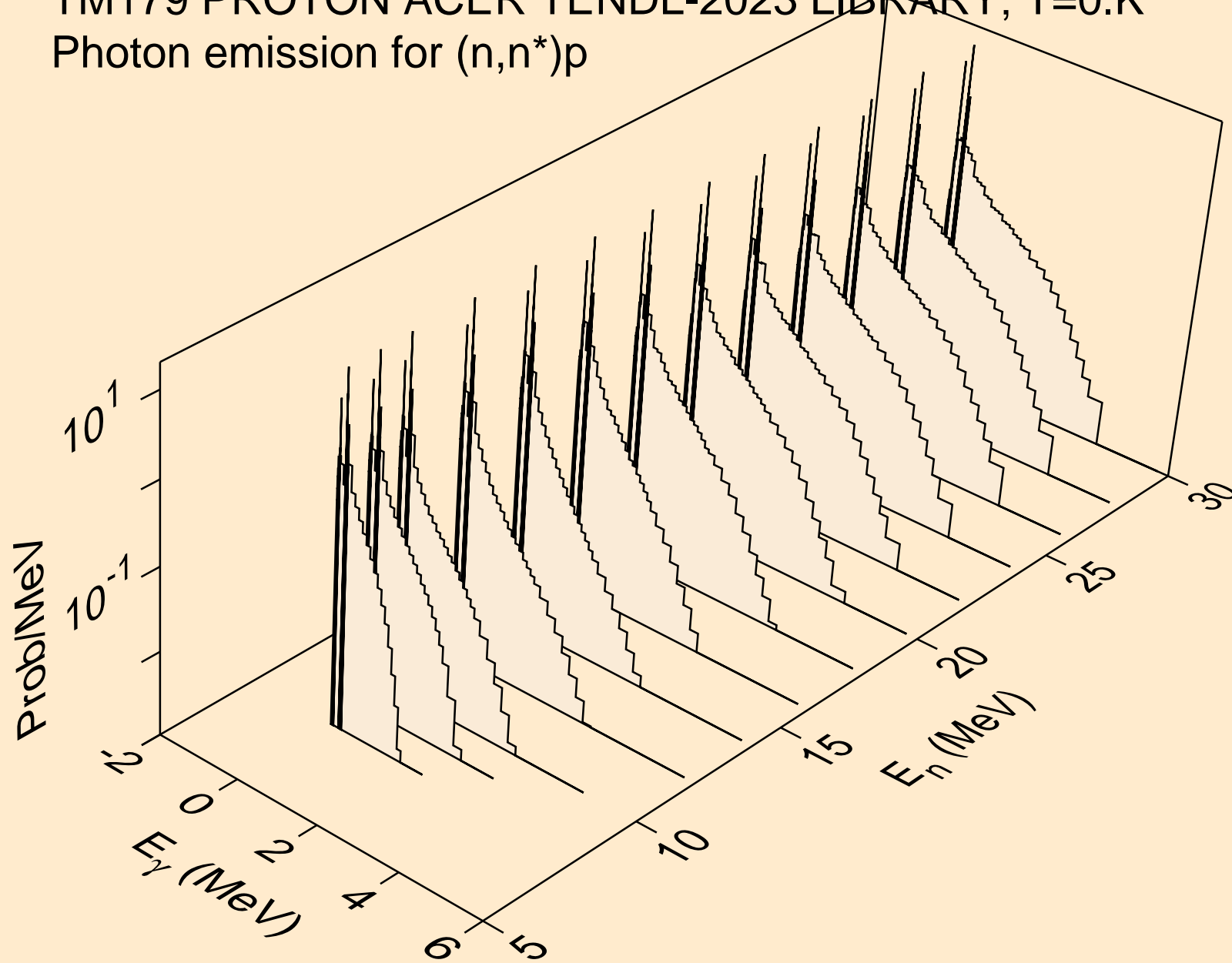
TM179 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



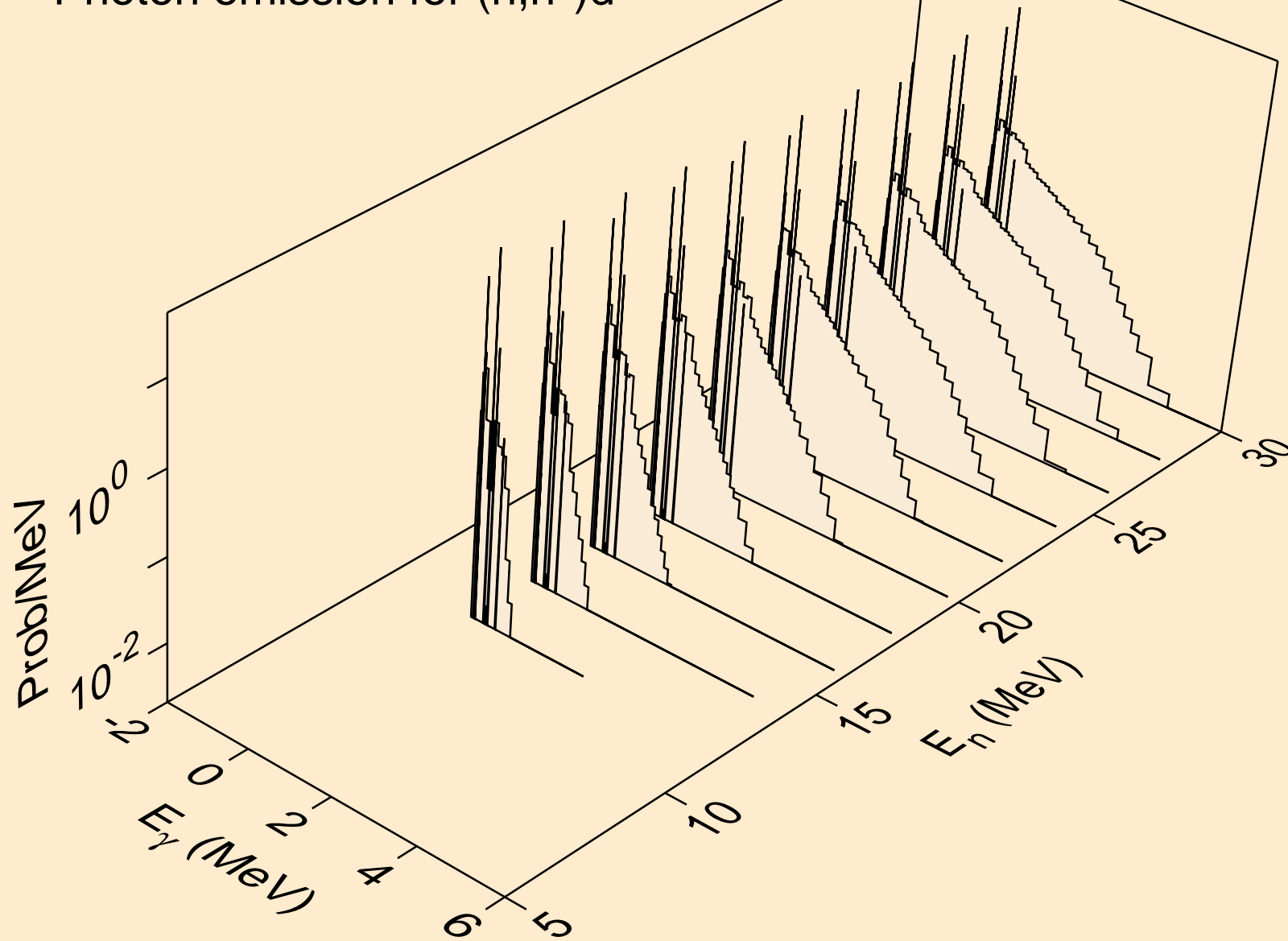
TM179 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



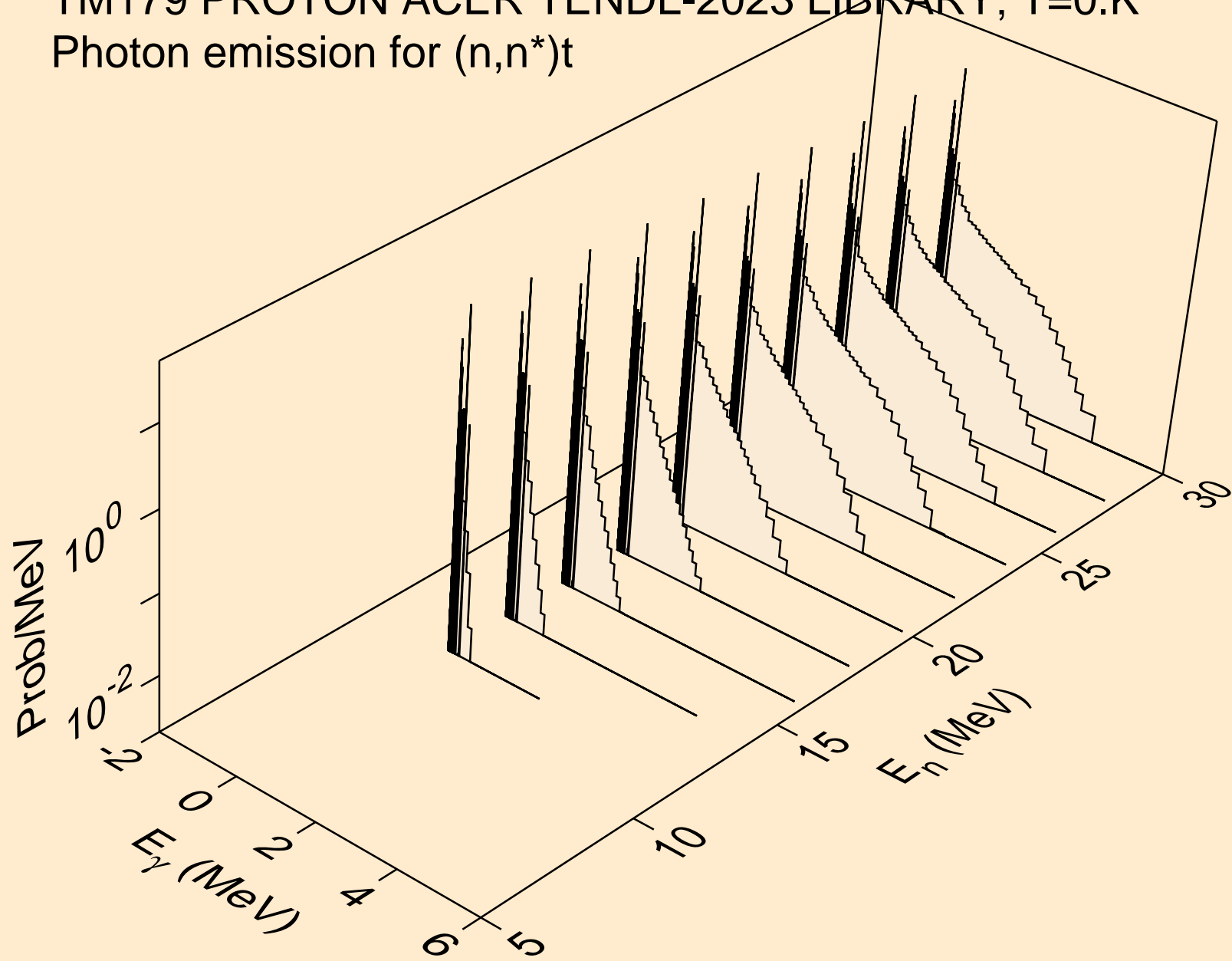
TM179 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



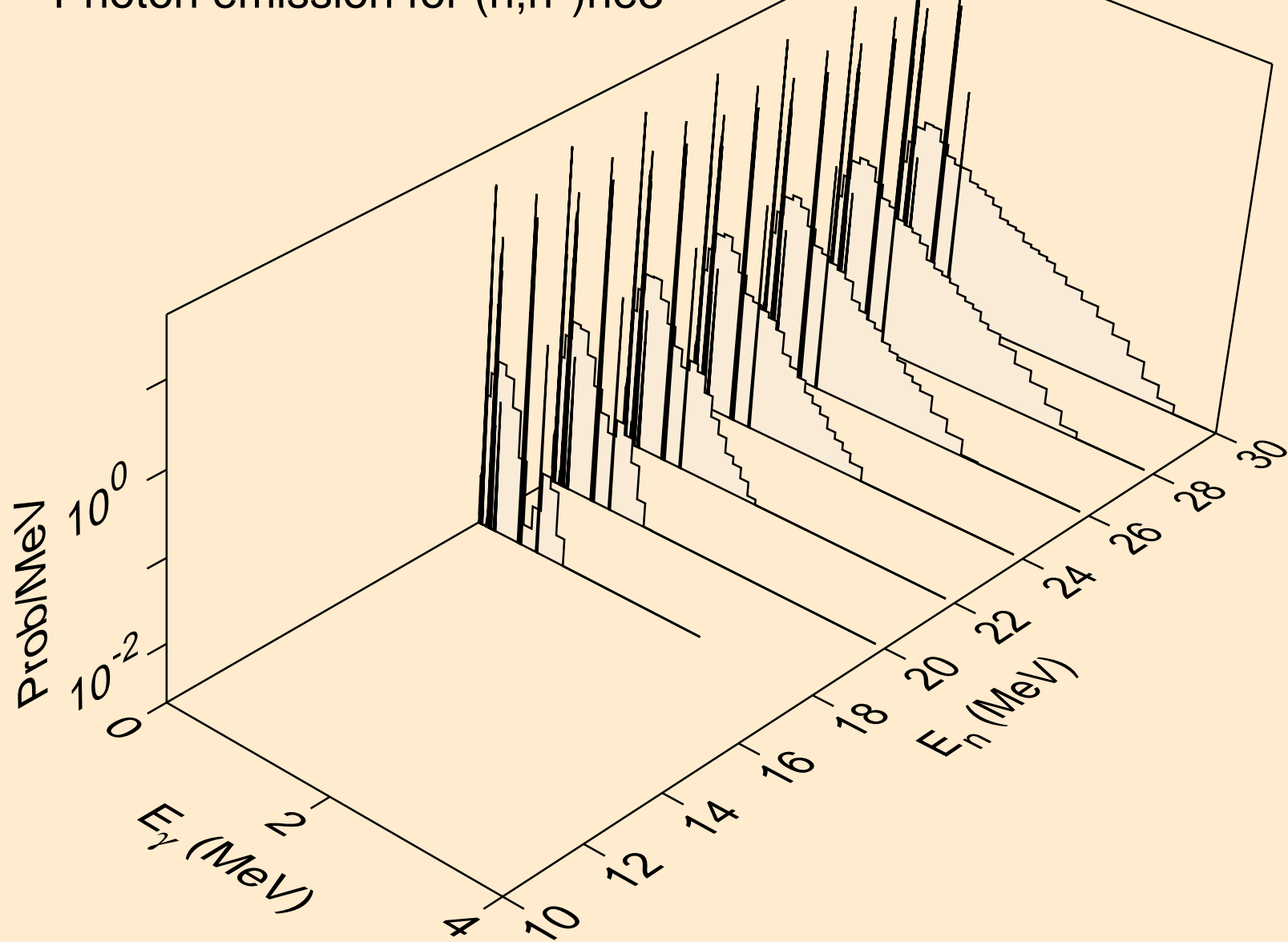
TM179 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



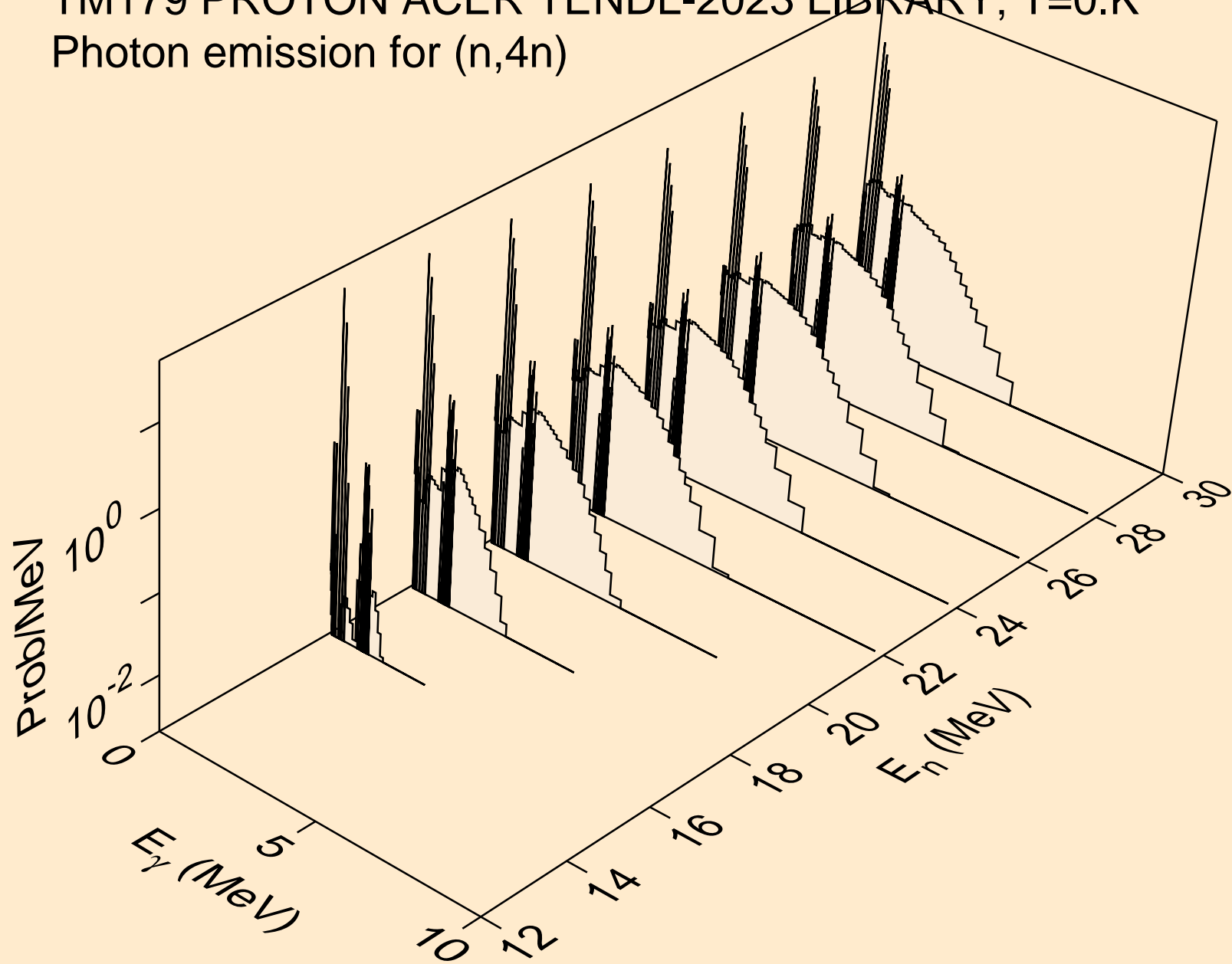
TM179 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



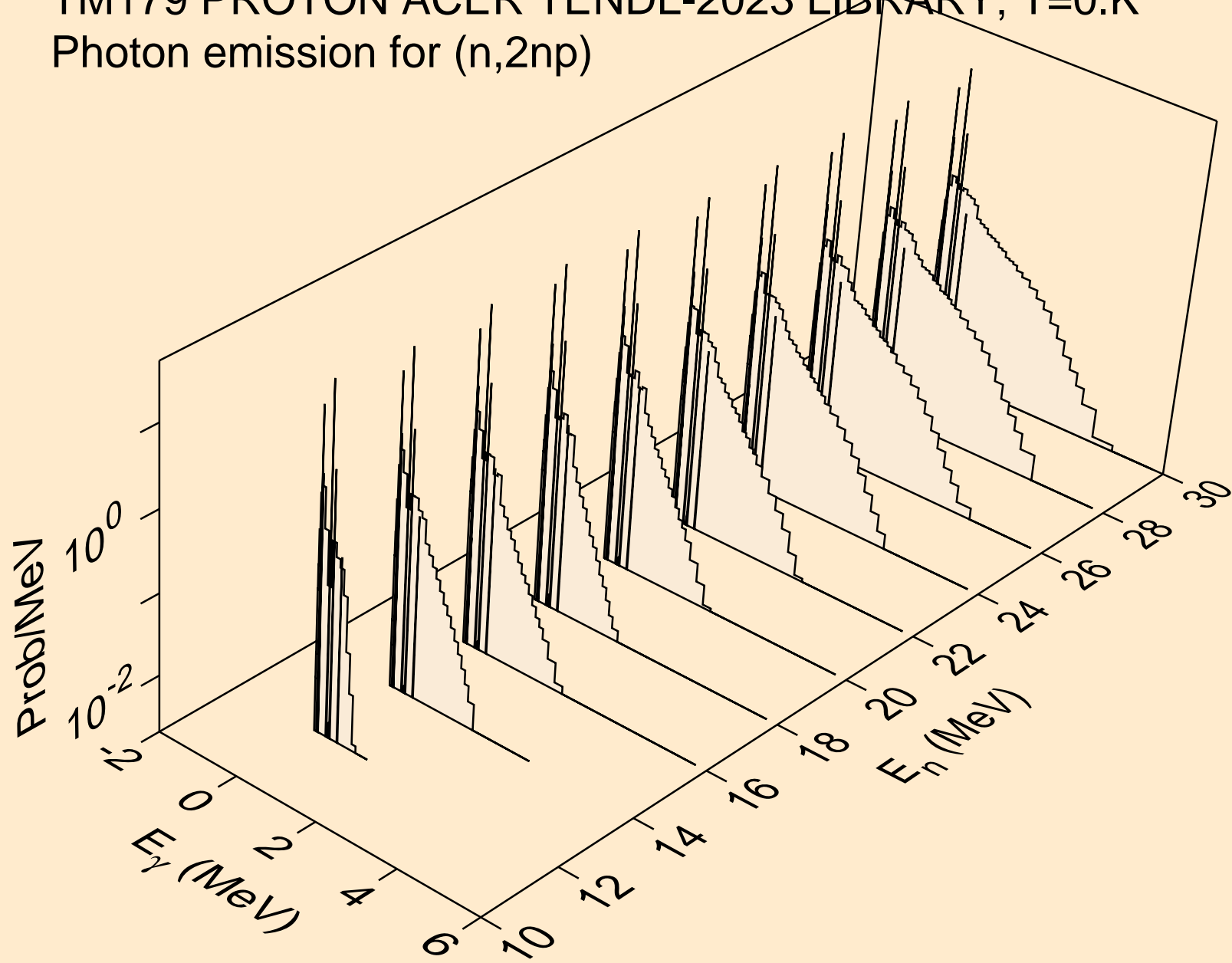
TM179 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



TM179 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)

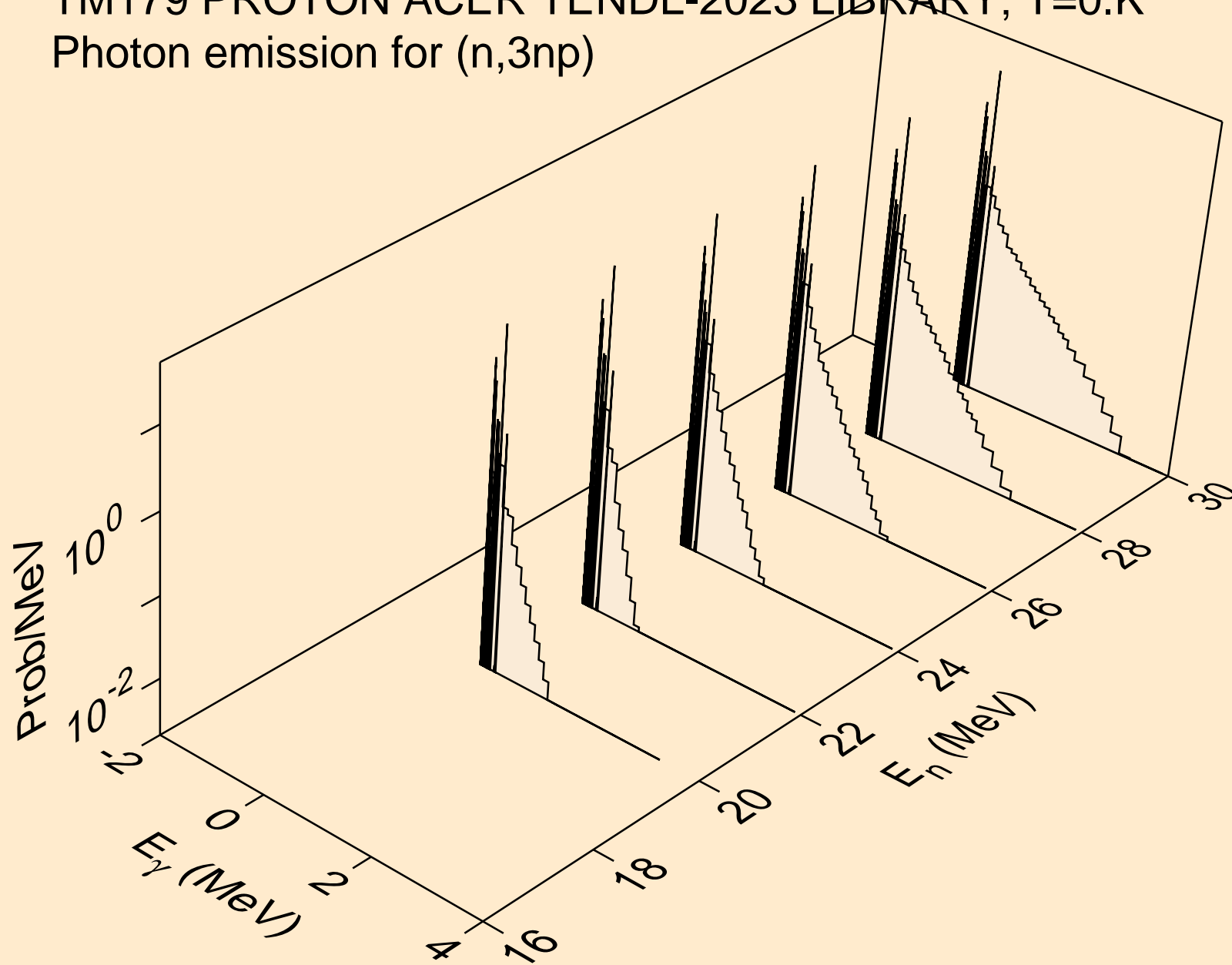


TM179 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

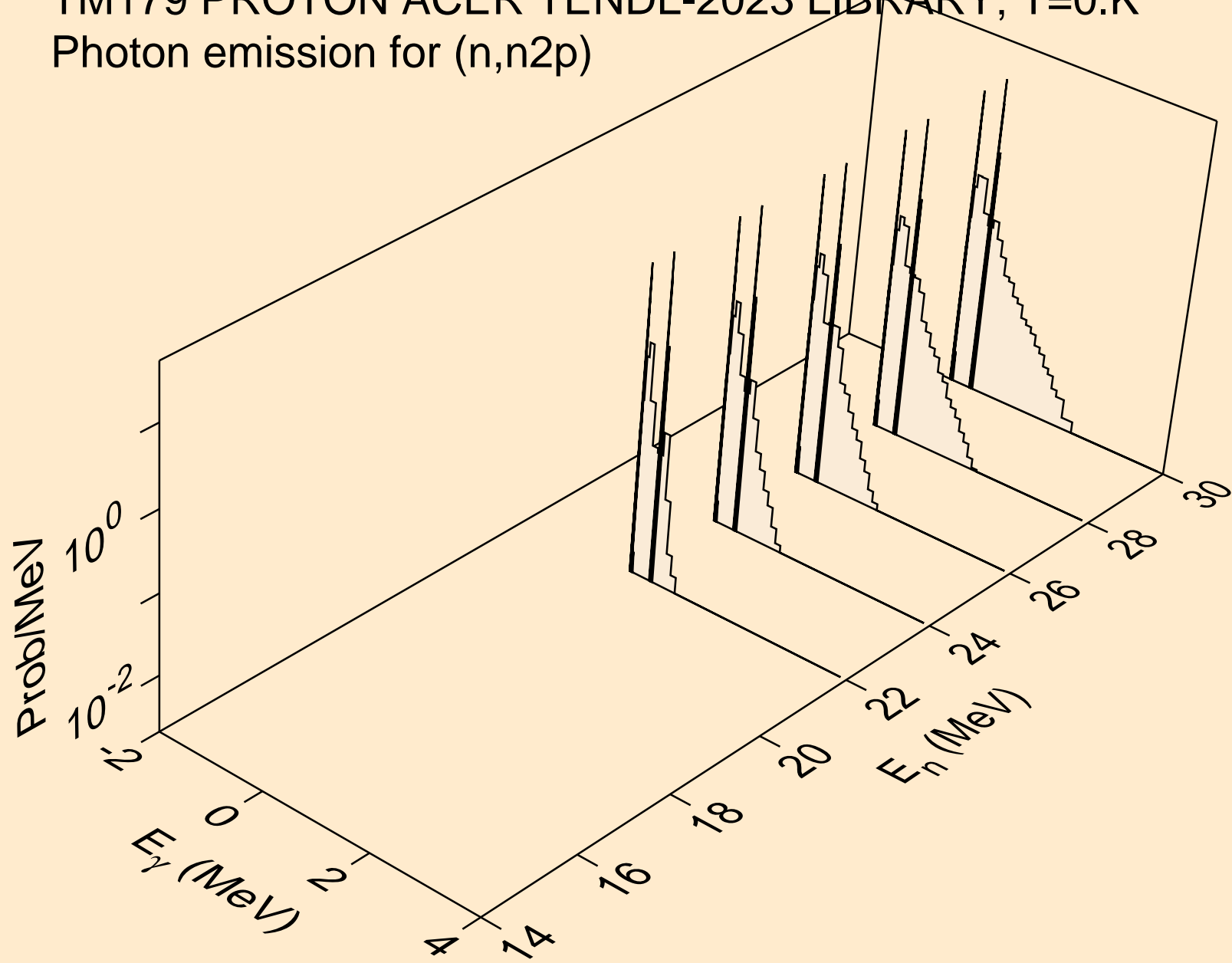




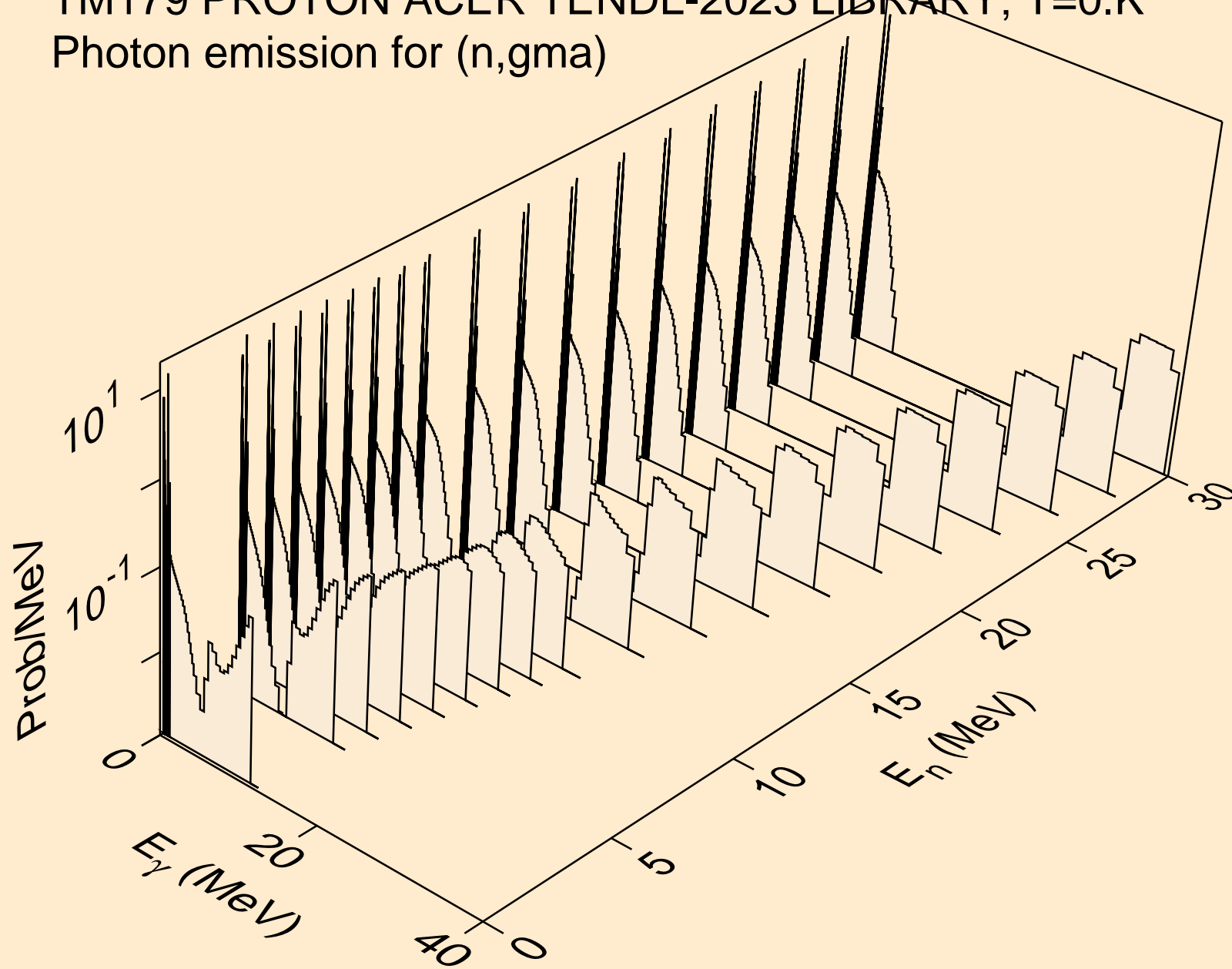
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Photon emission for (n,3np)



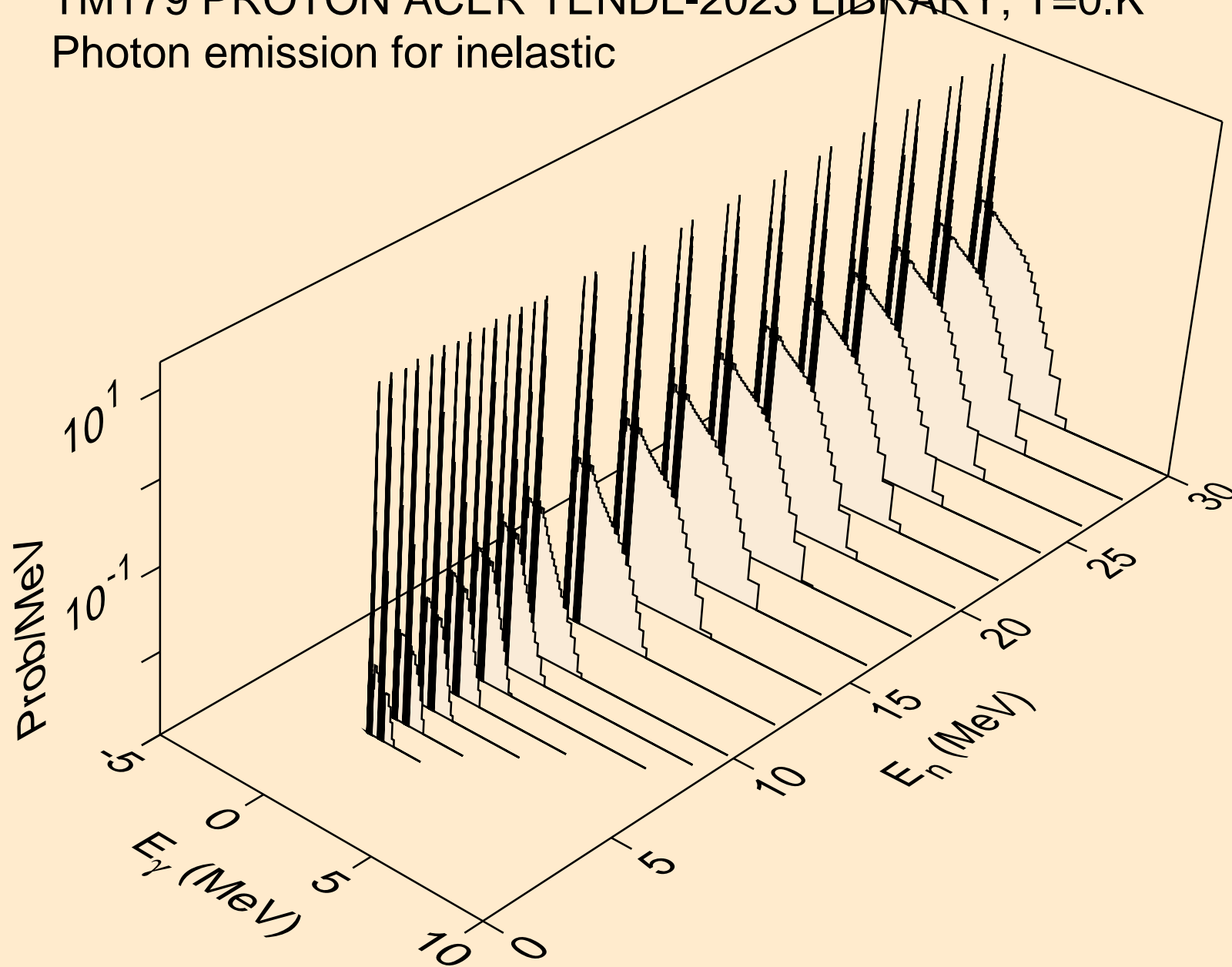
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Photon emission for (n,n2p)



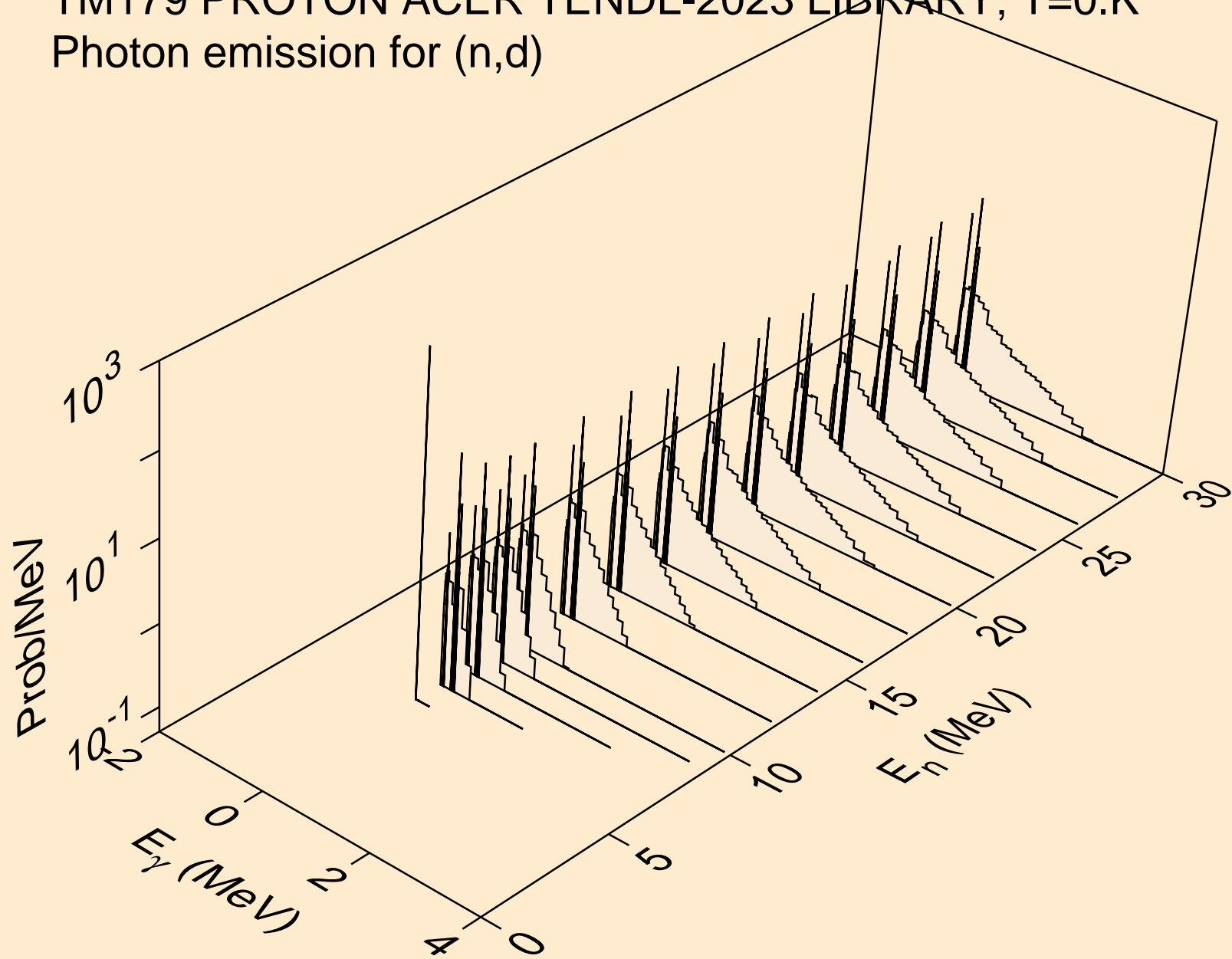
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Photon emission for (n,gma)



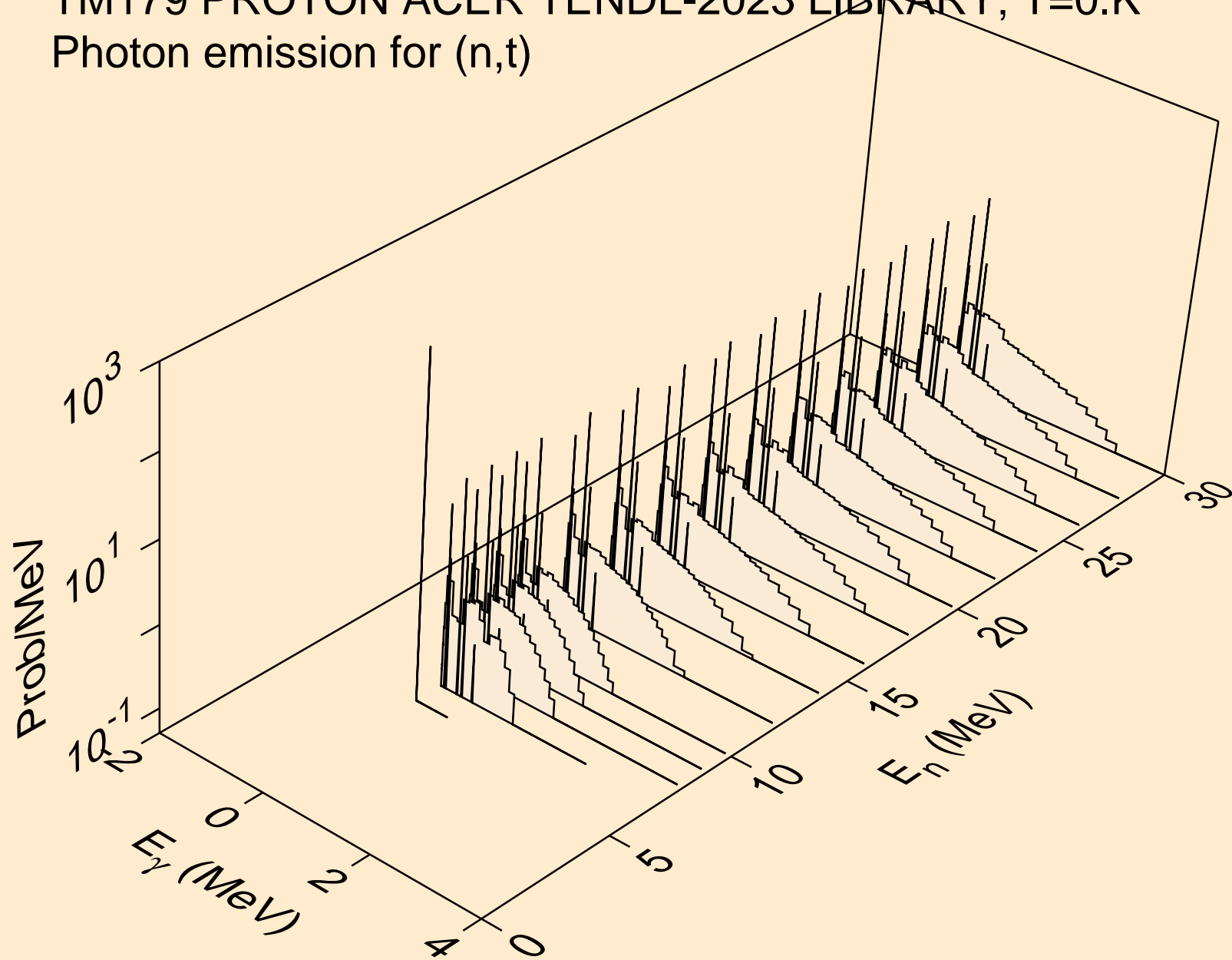
TM179 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



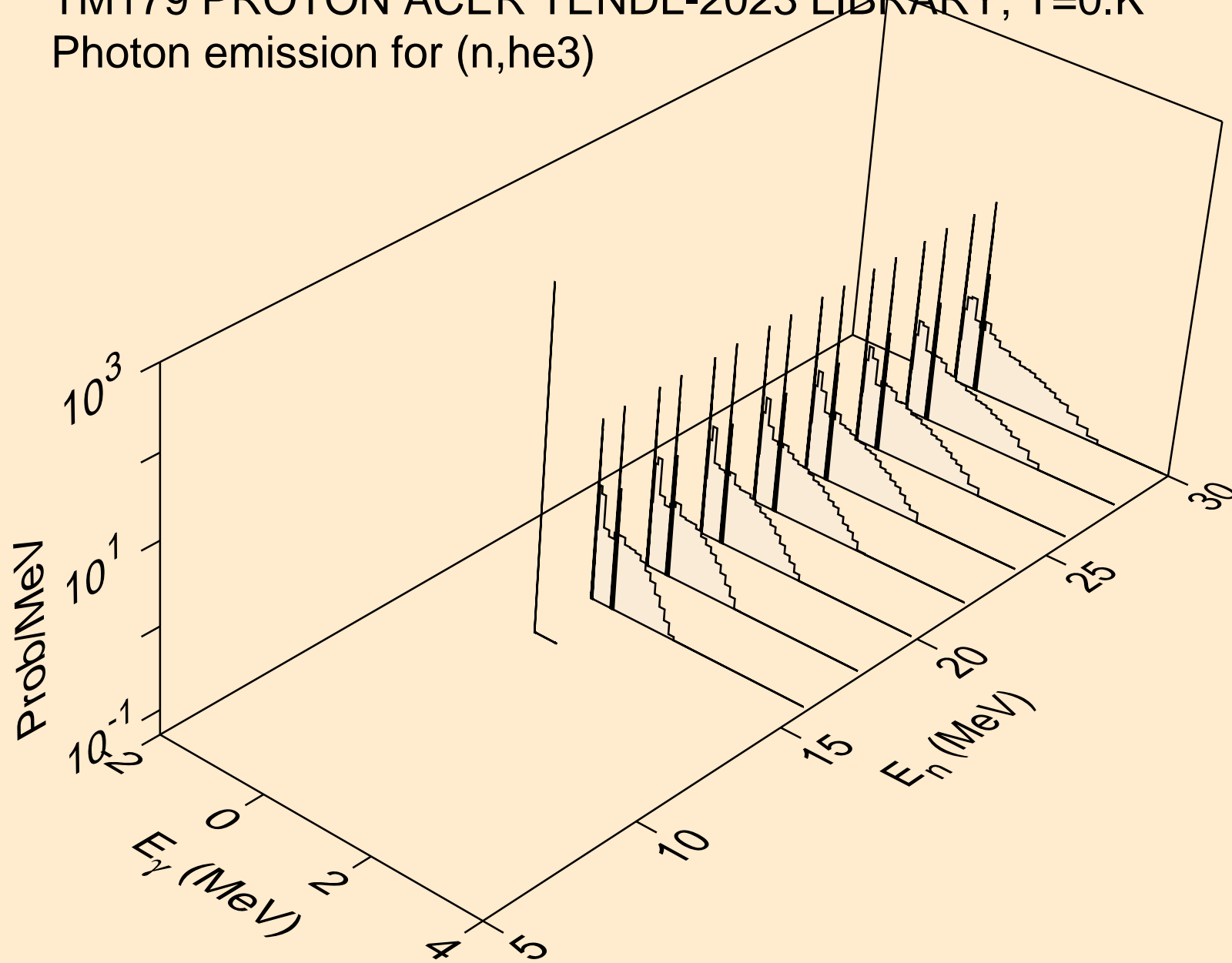
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Photon emission for (n,d)



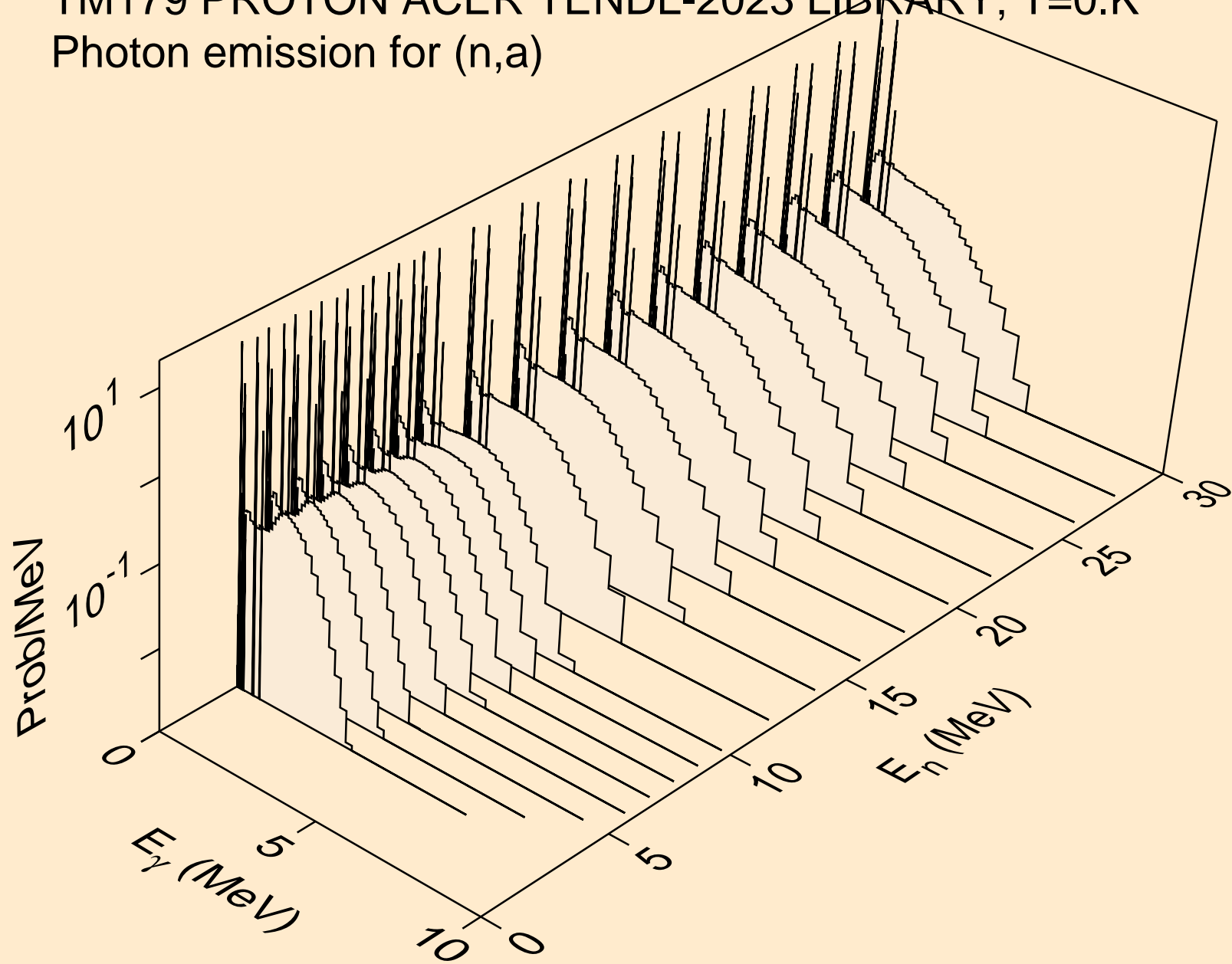
TM179 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



TM179 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)

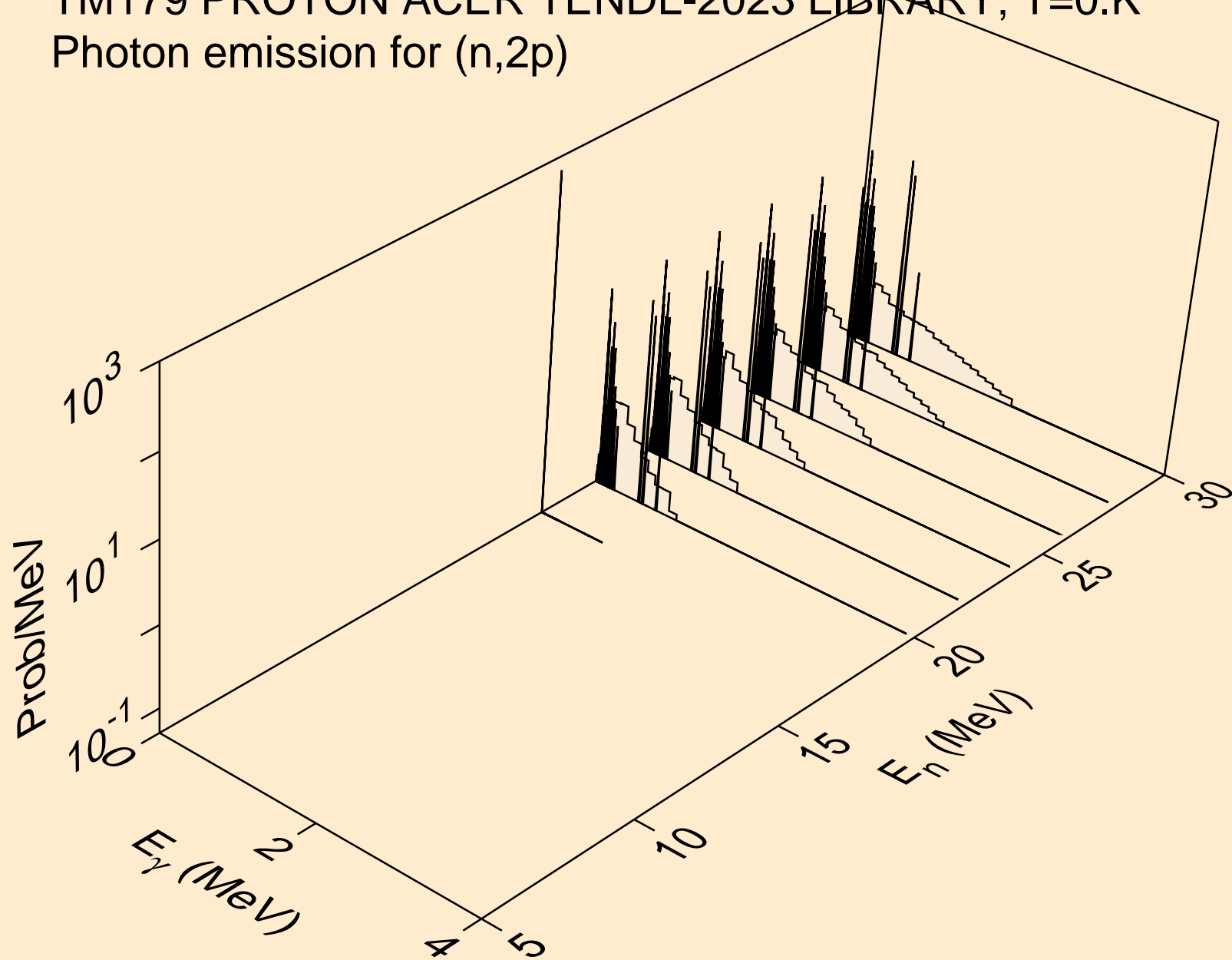


TM179 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)

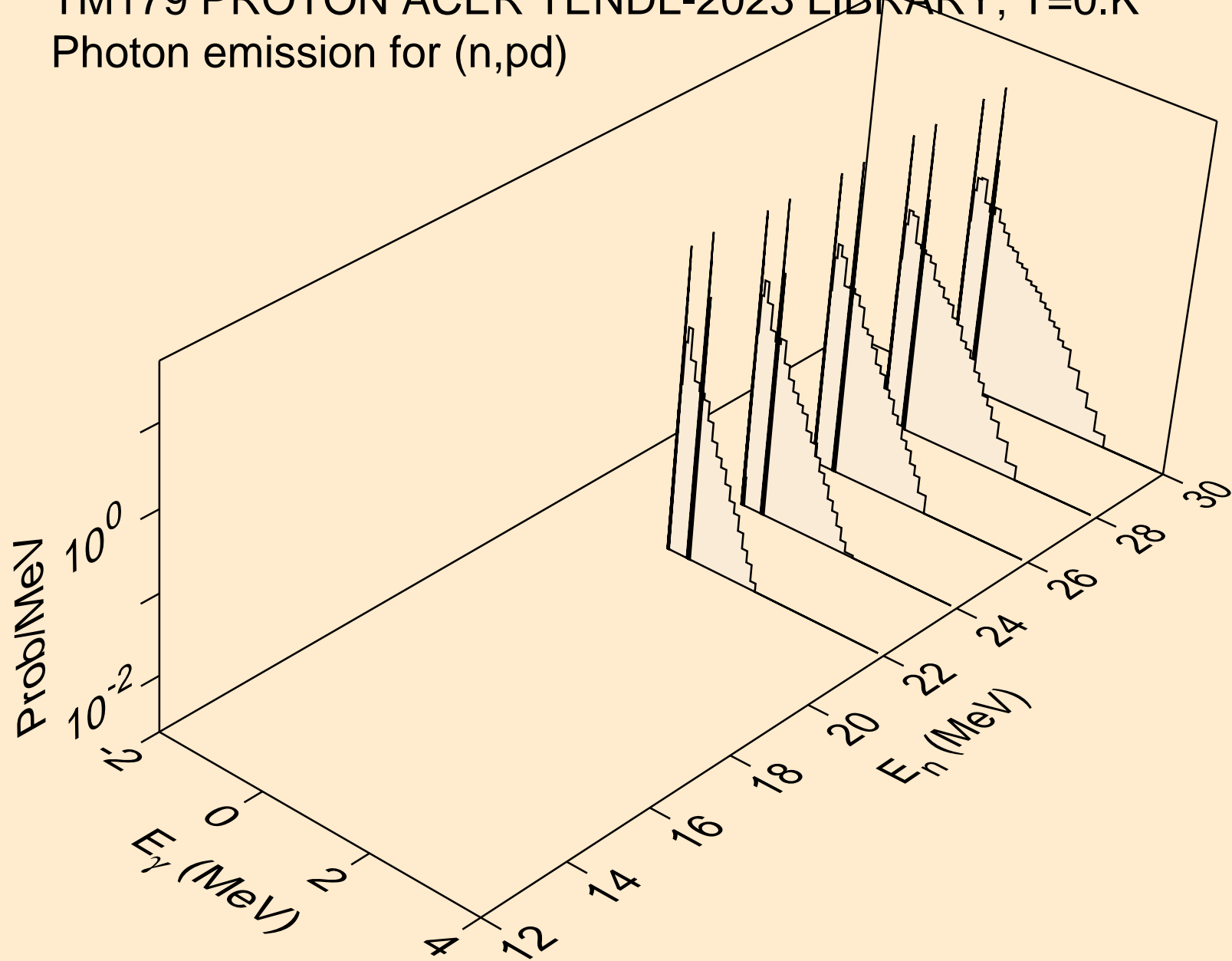




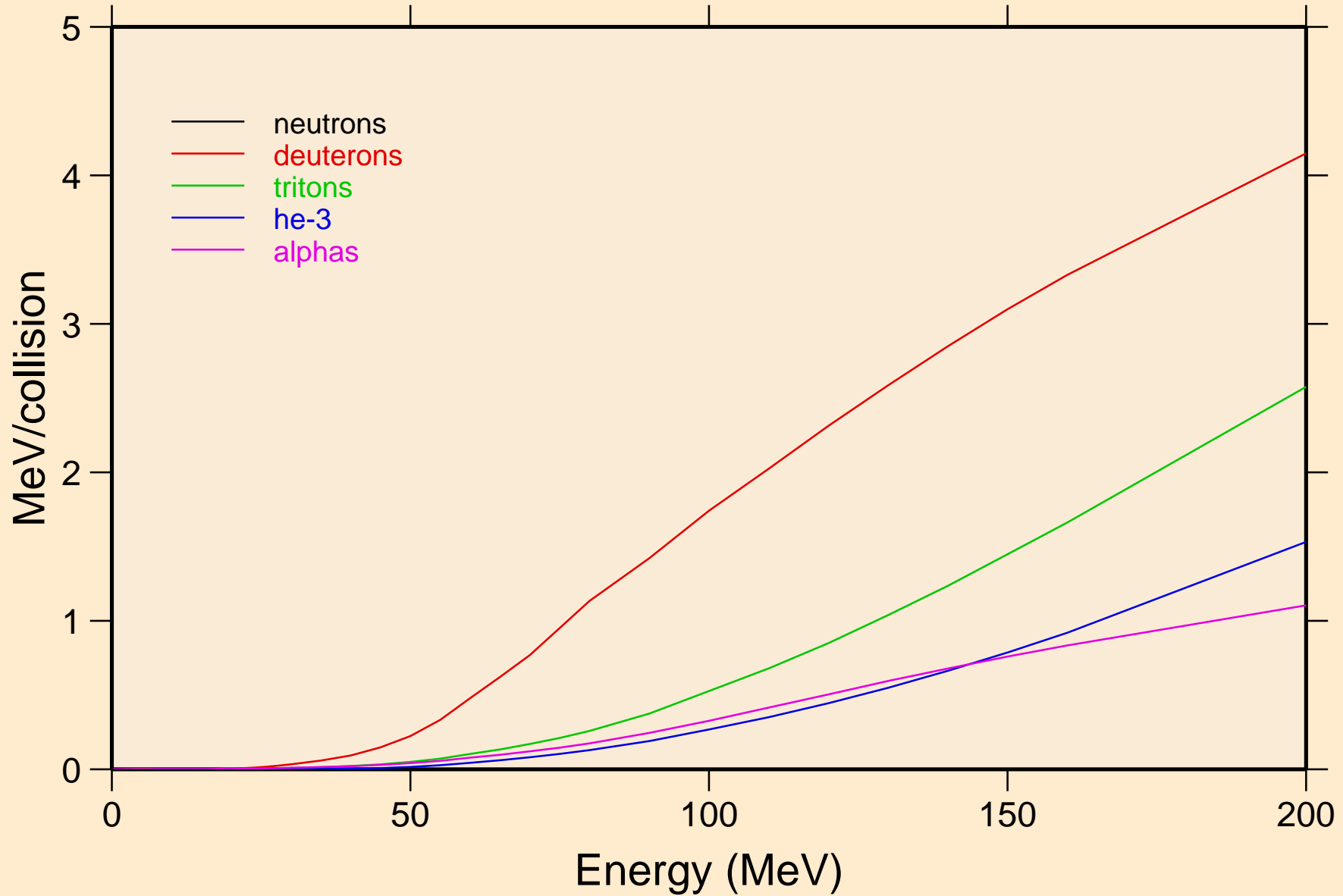
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Photon emission for (n,2p)



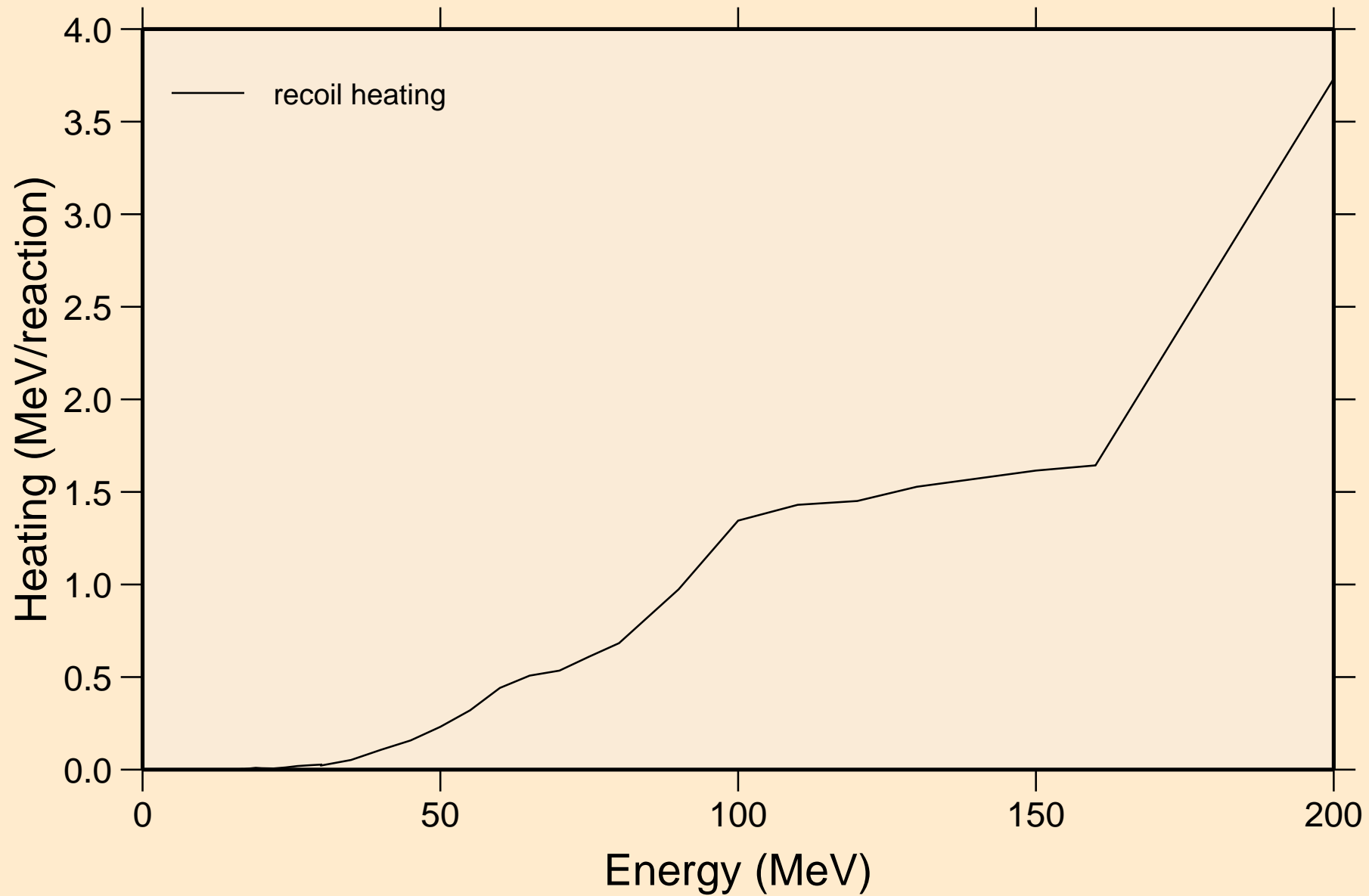
TM179 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



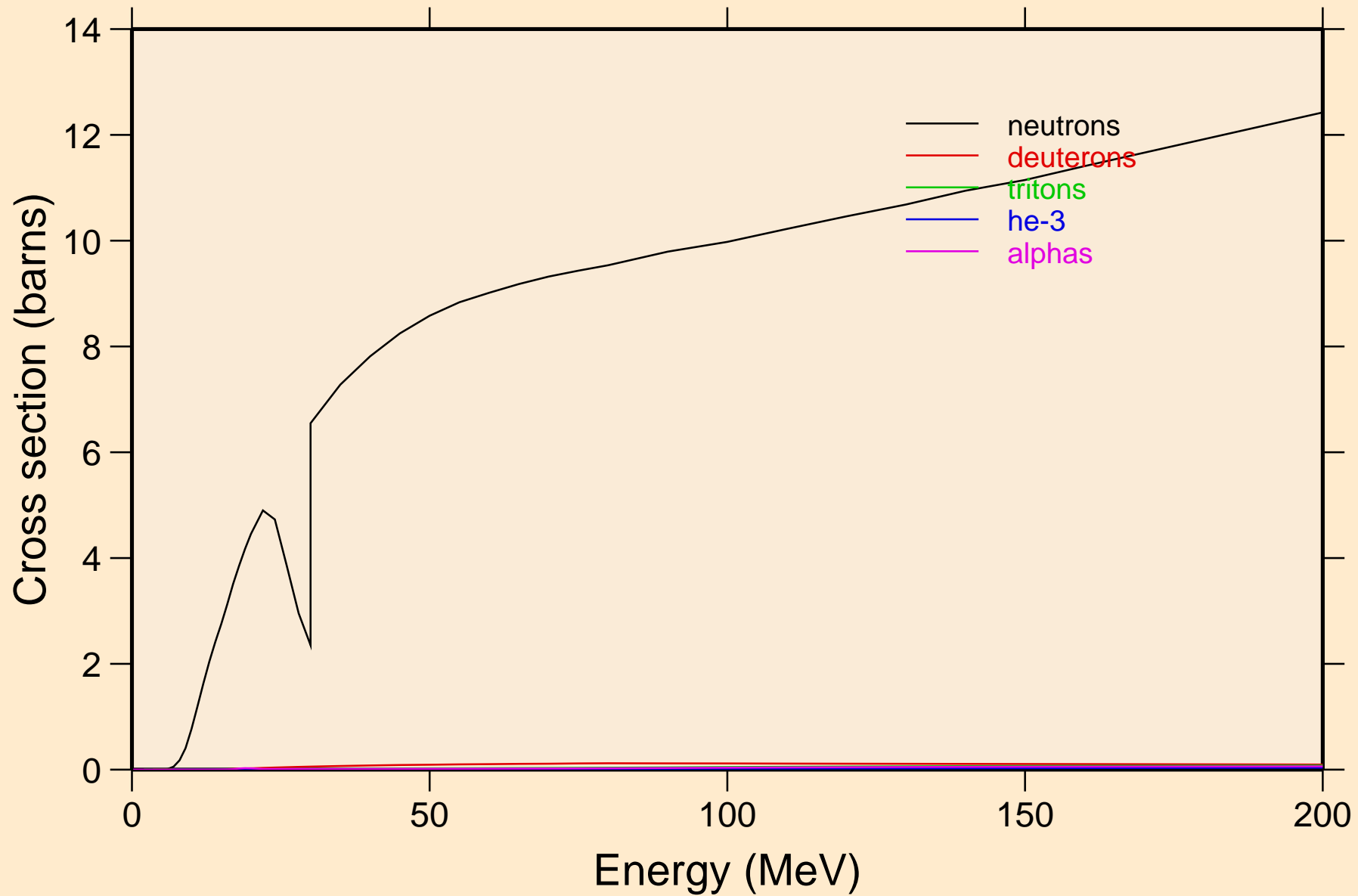
TM179 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



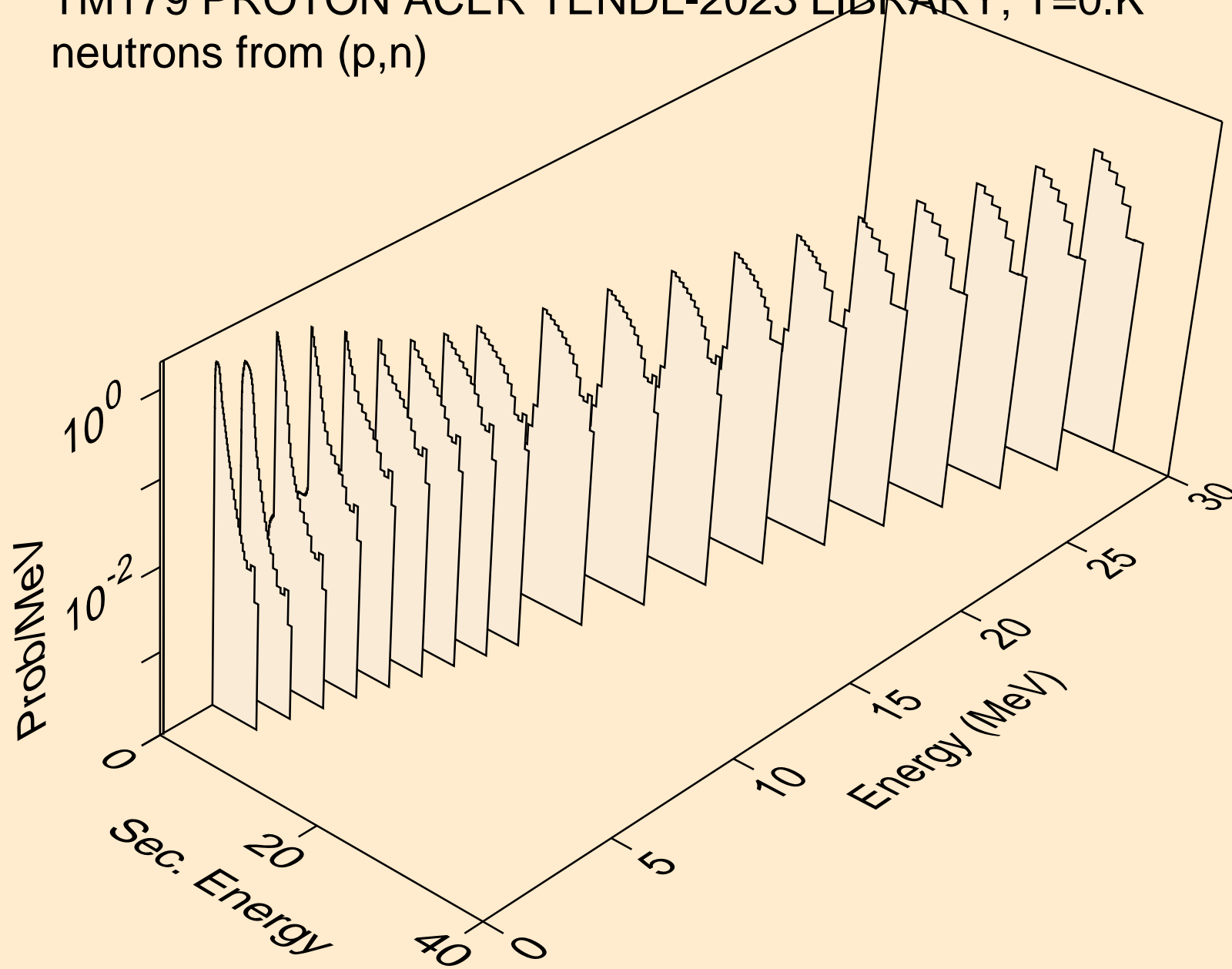
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Recoil Heating



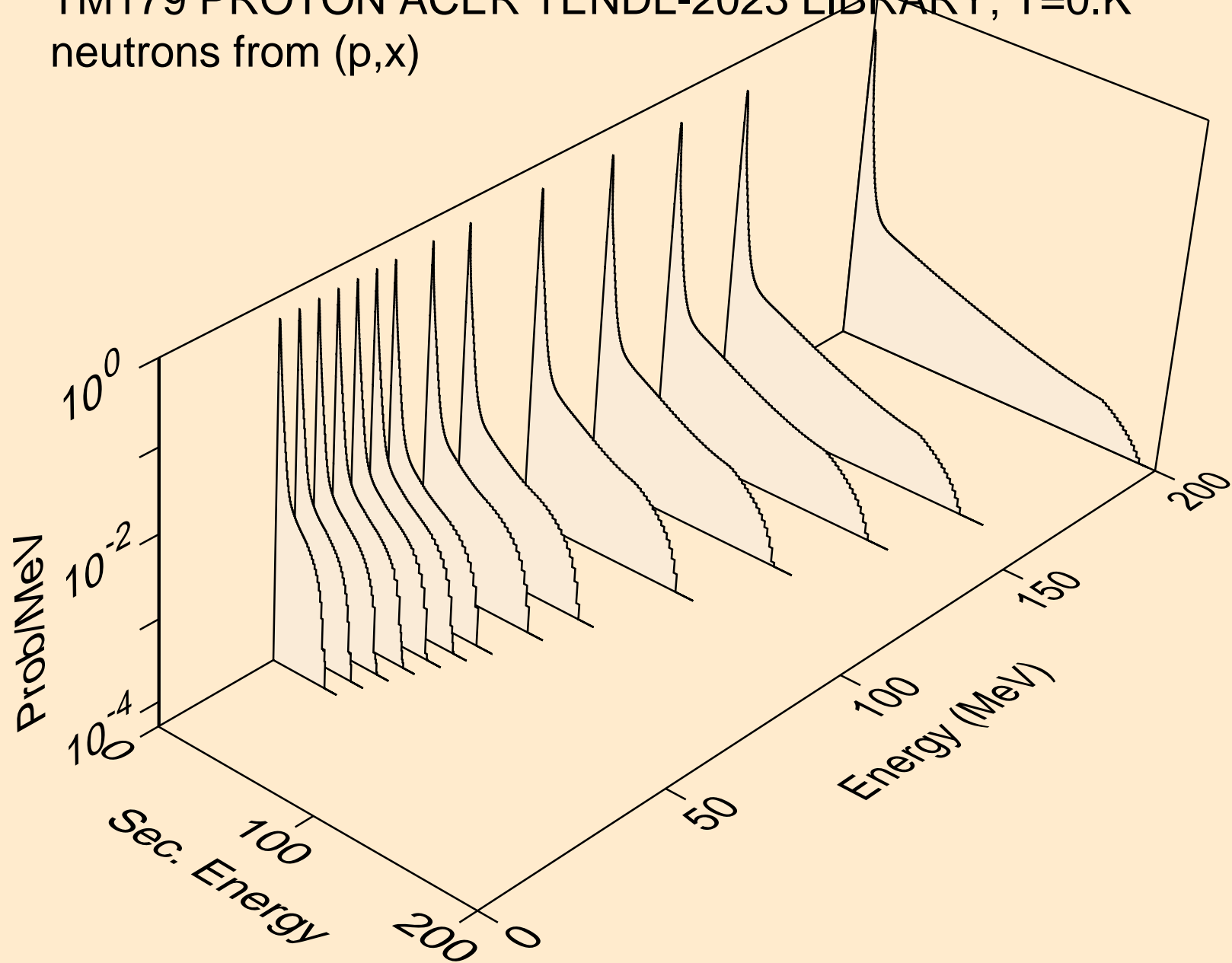
TM179 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



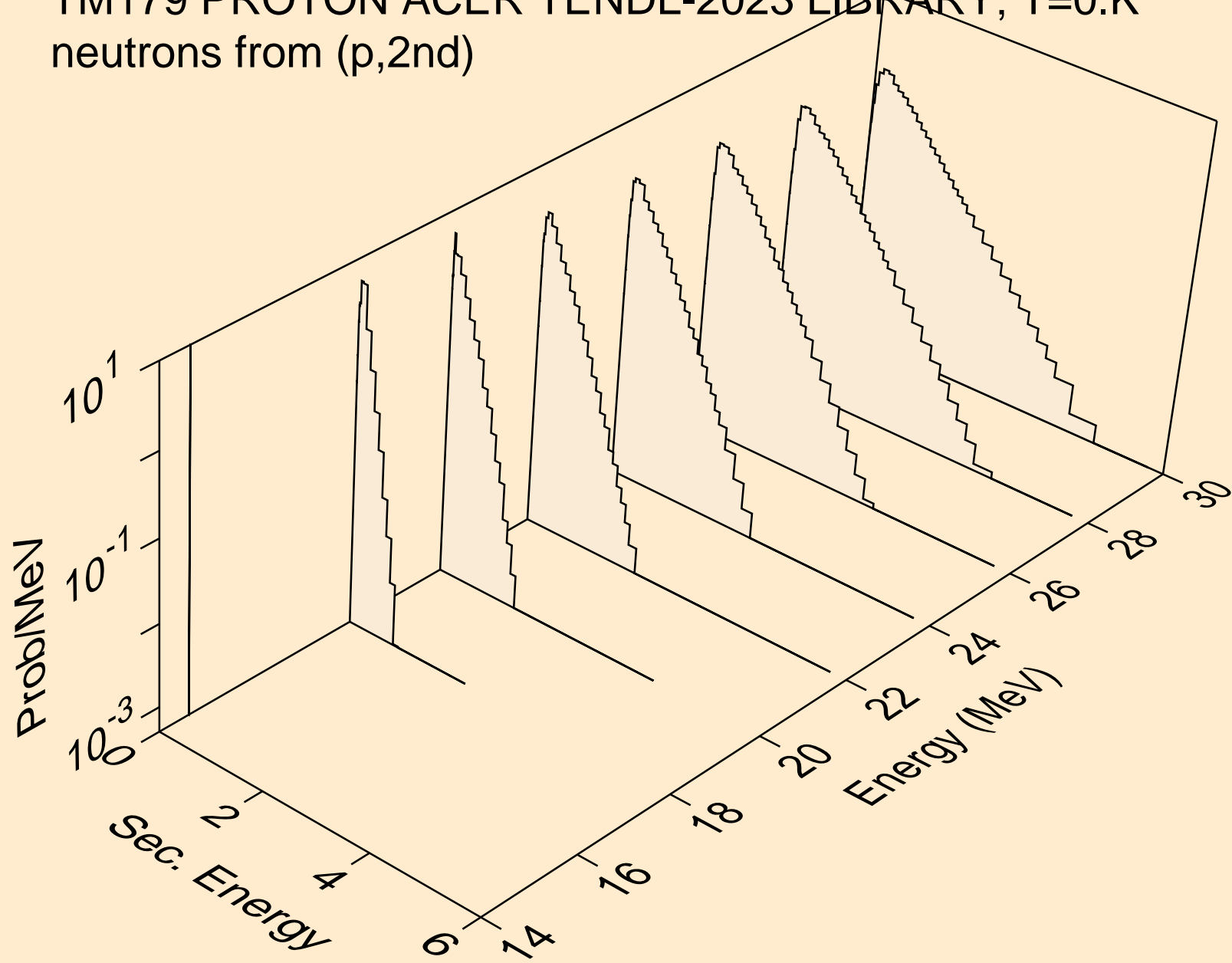
TM179 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



TM179 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)

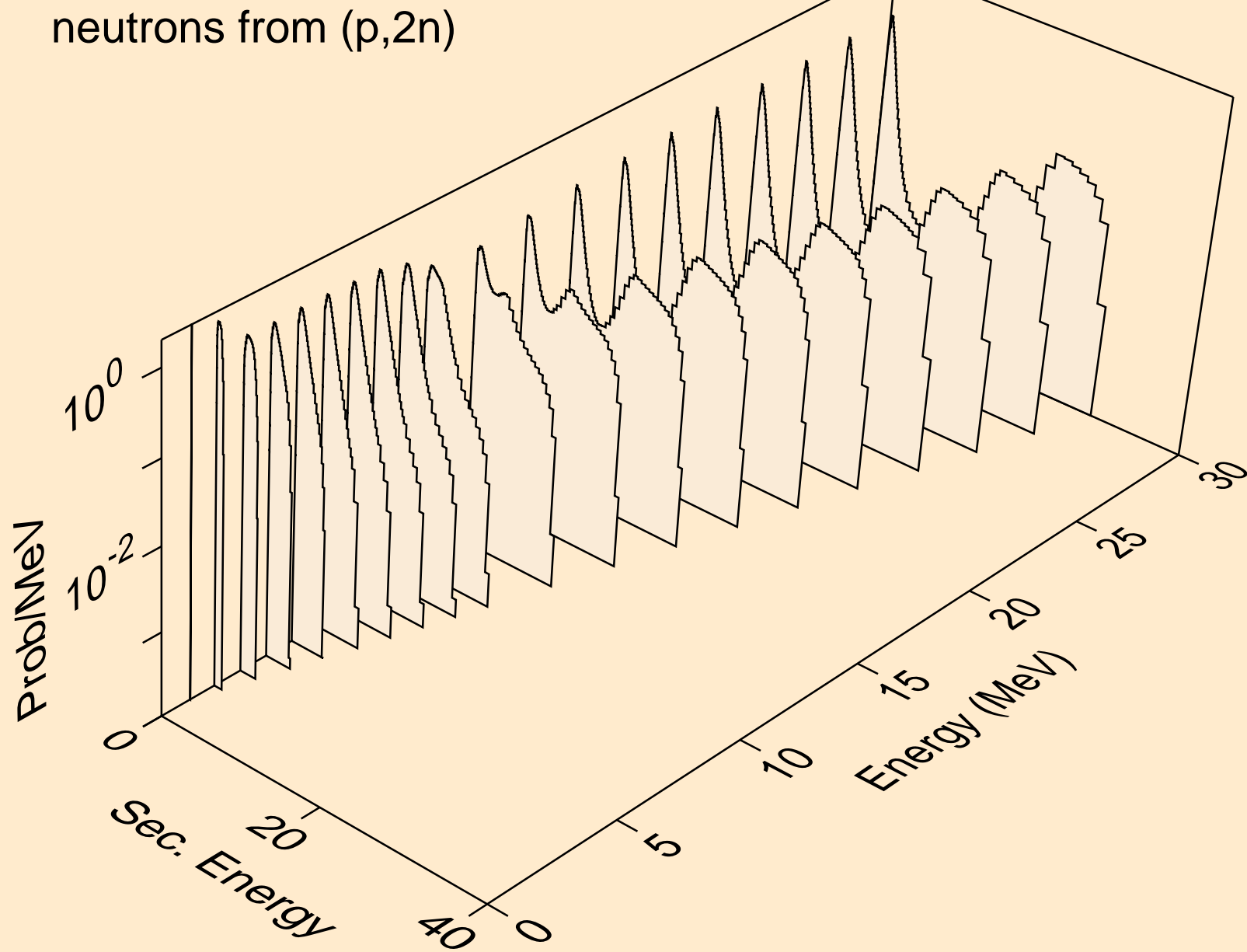


TM179 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2nd)

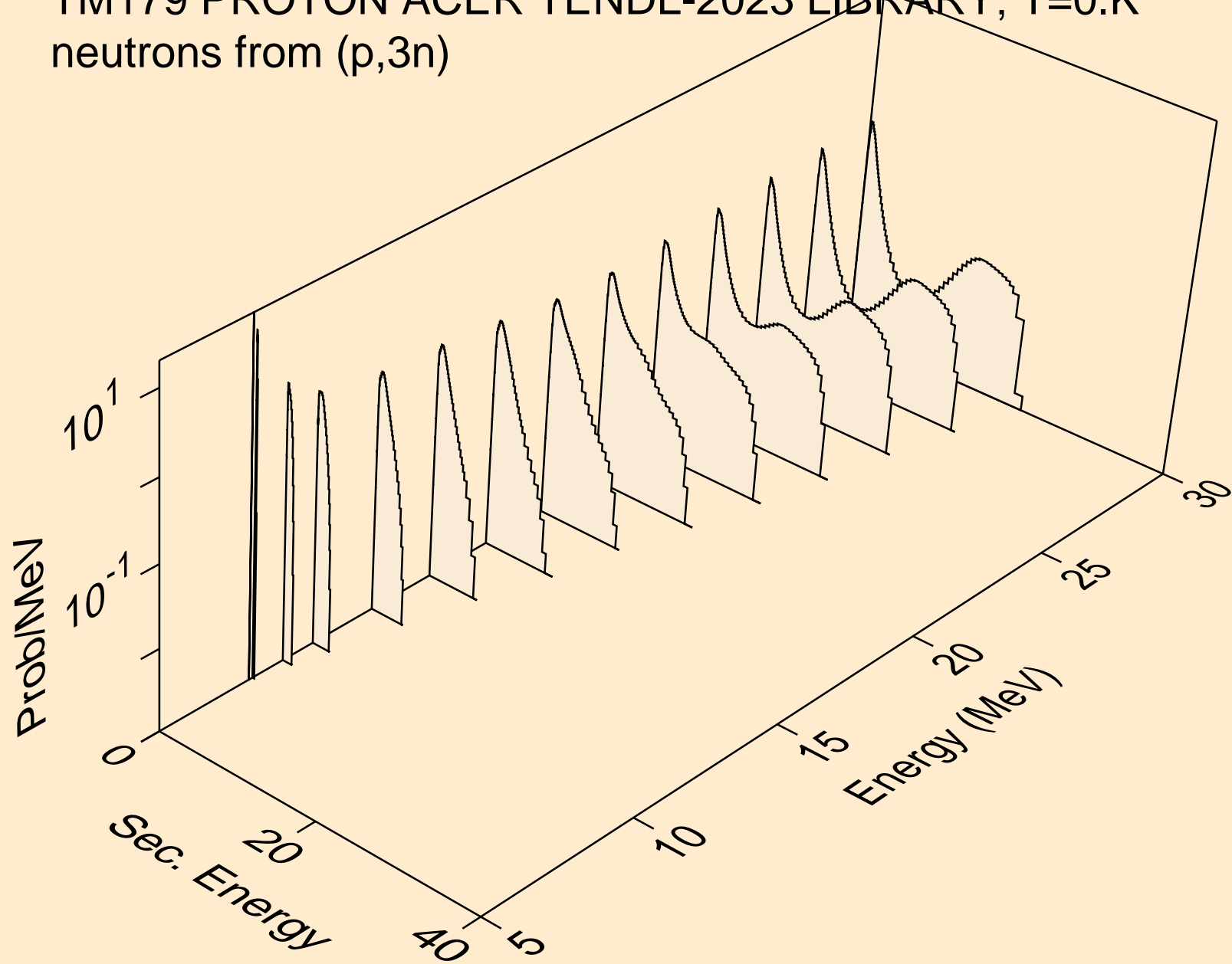




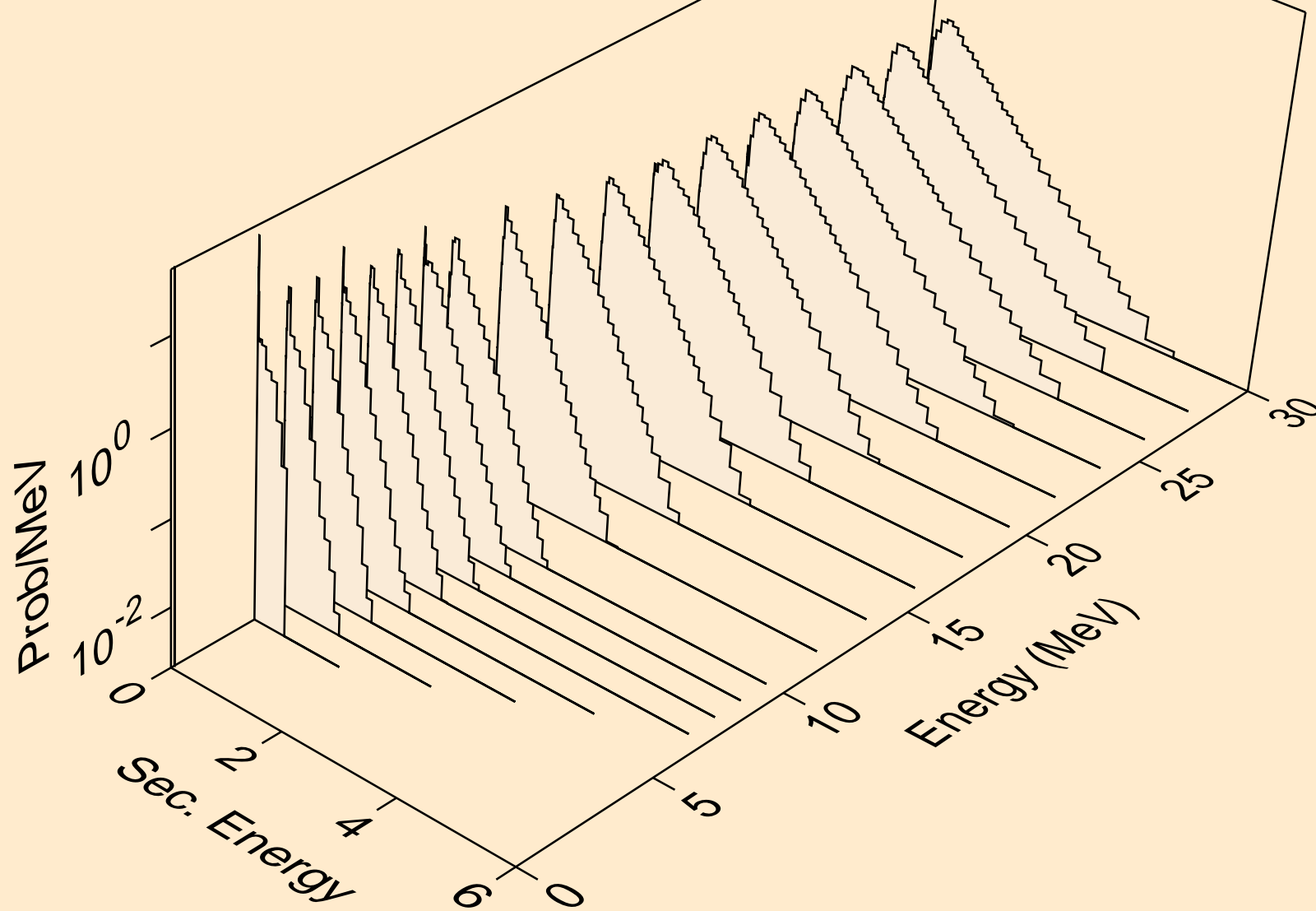
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neutrons from (p,2n)



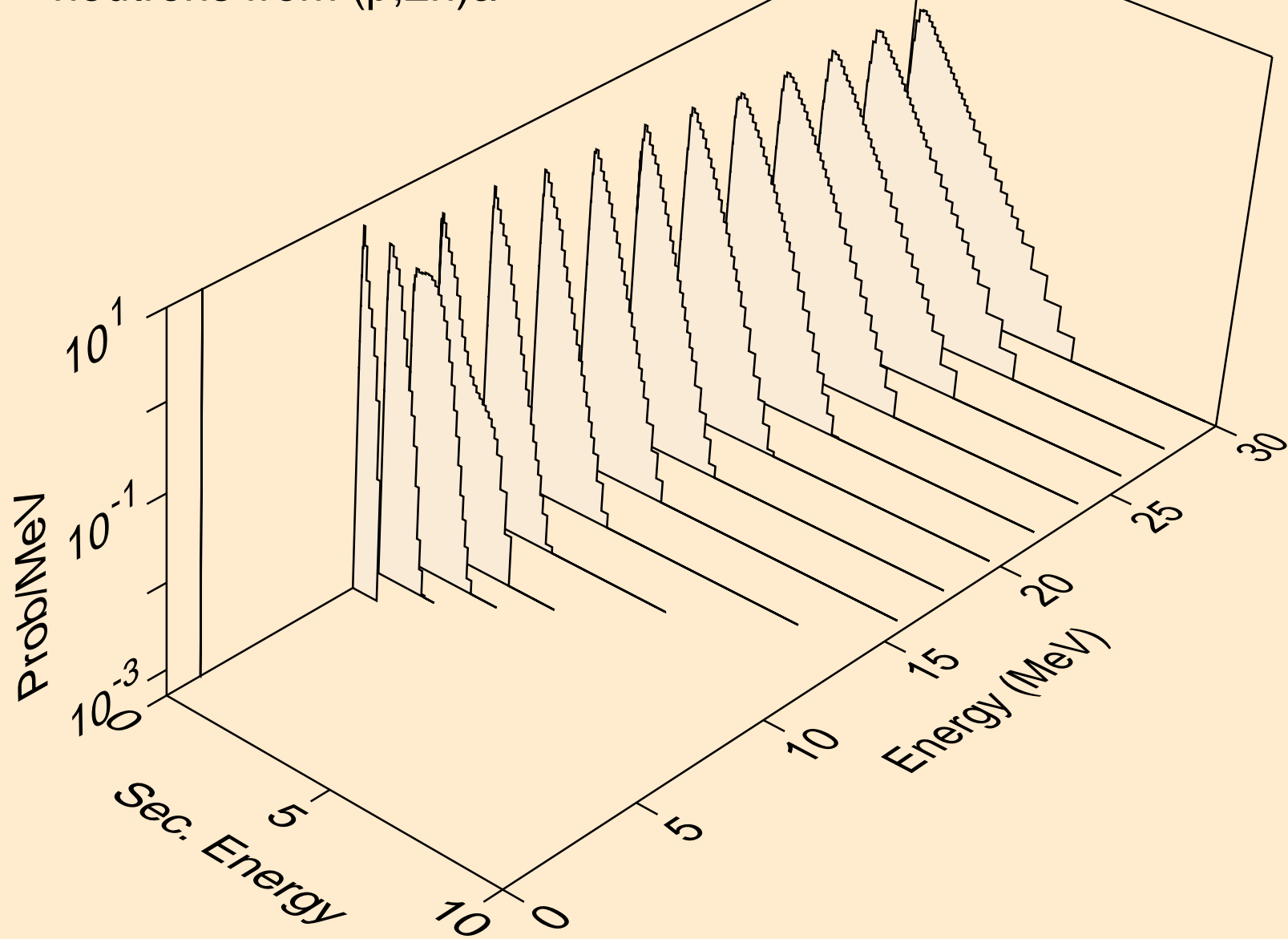
TM179 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)



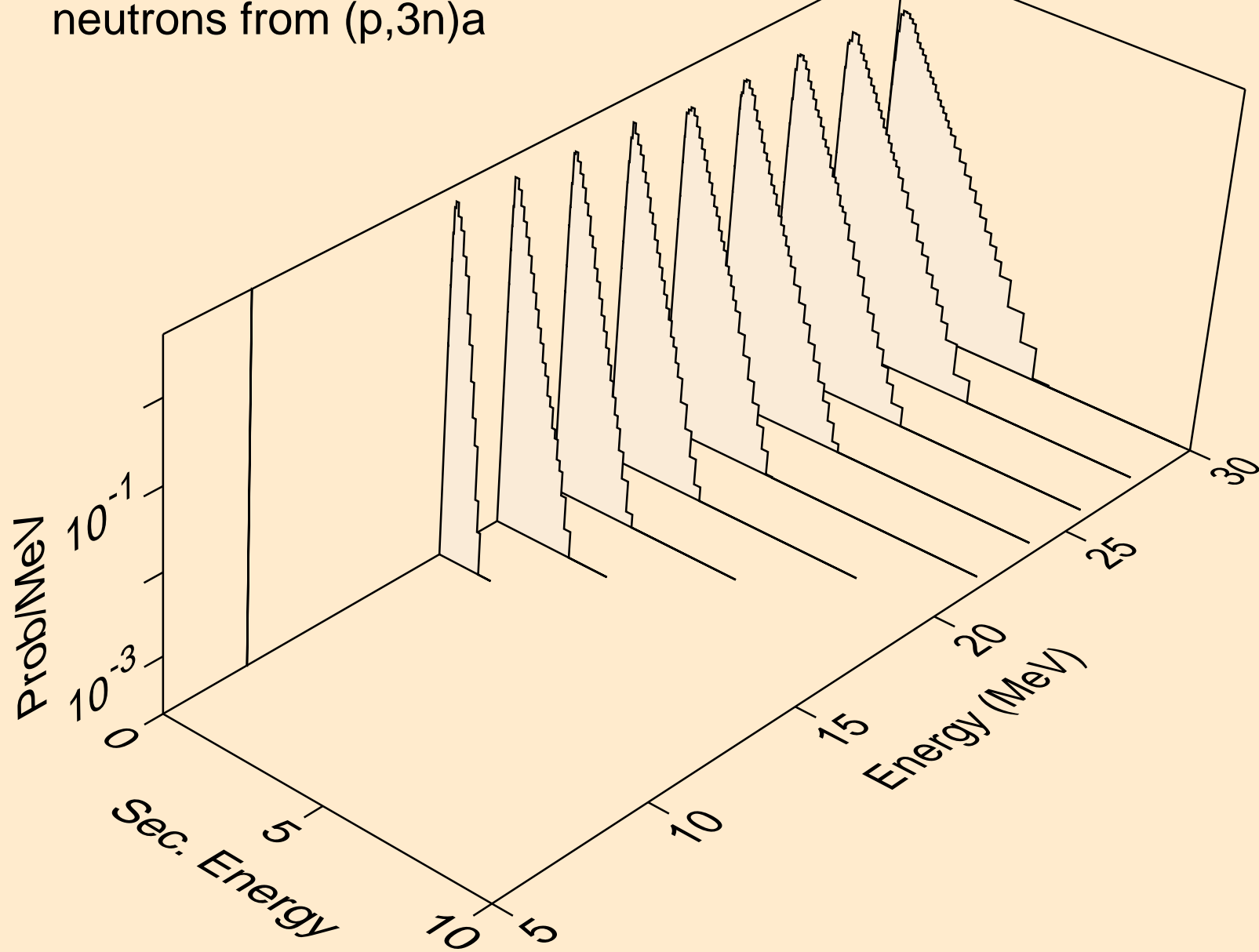
TM179 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



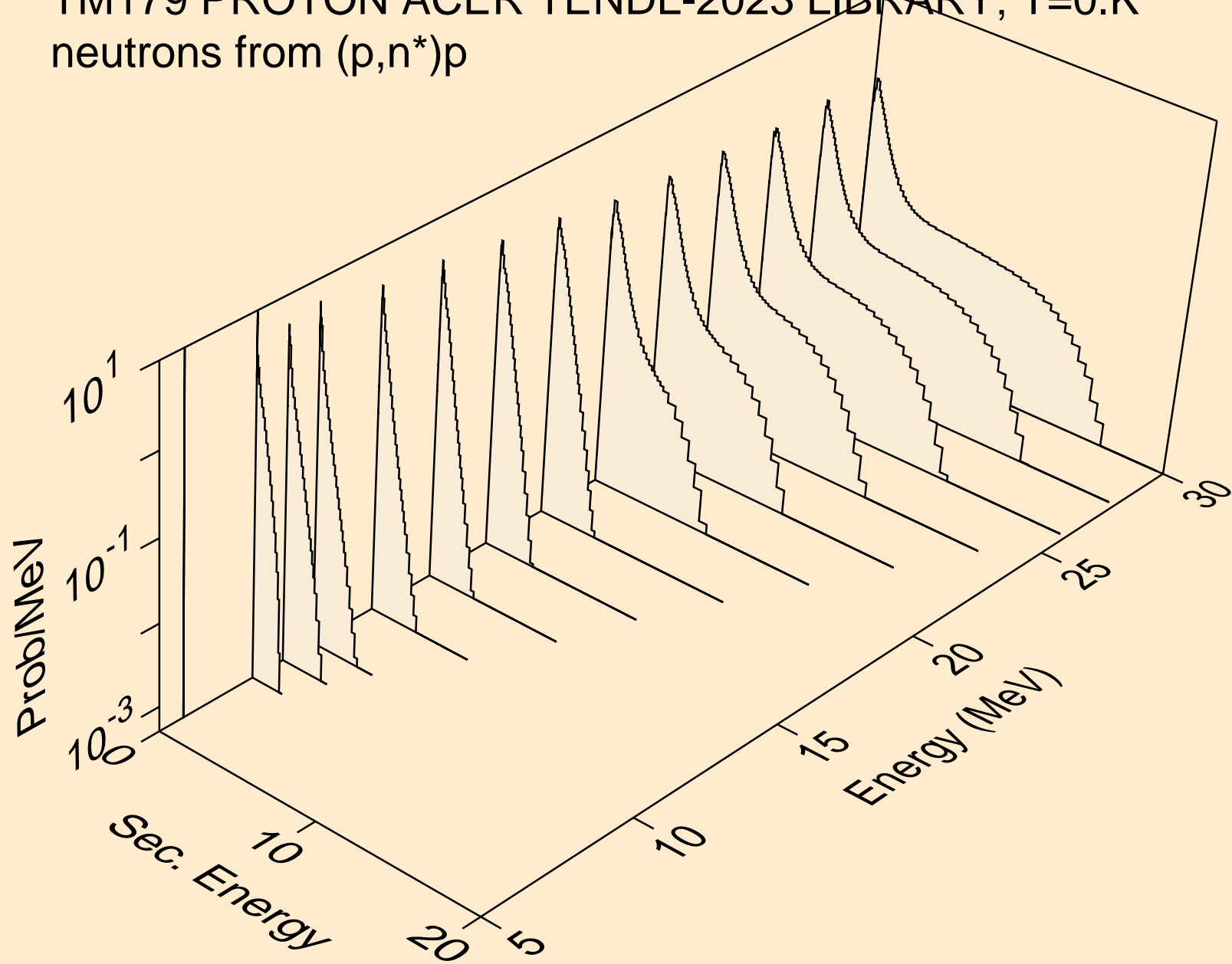
TM179 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)a



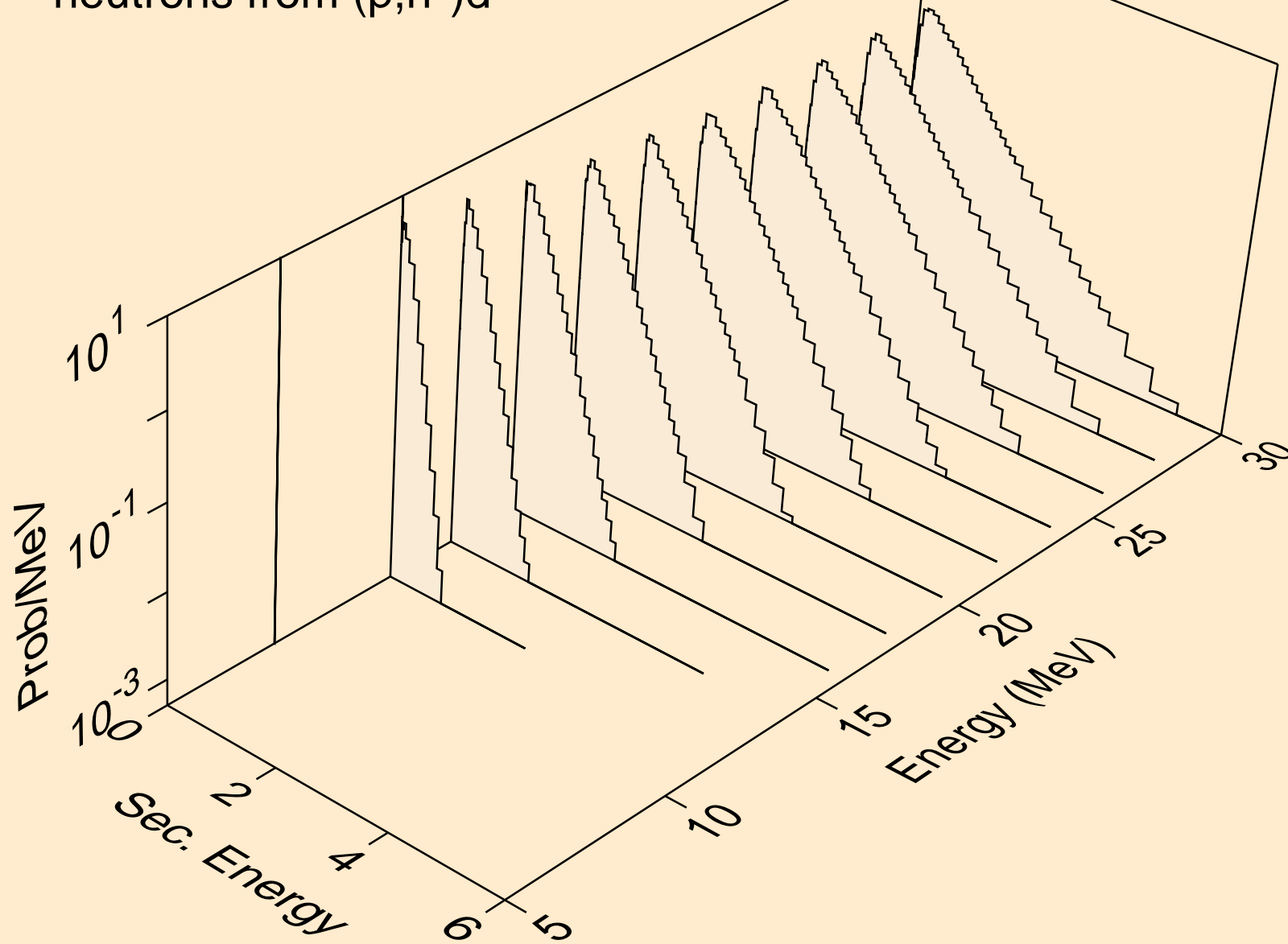
TM179 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)a



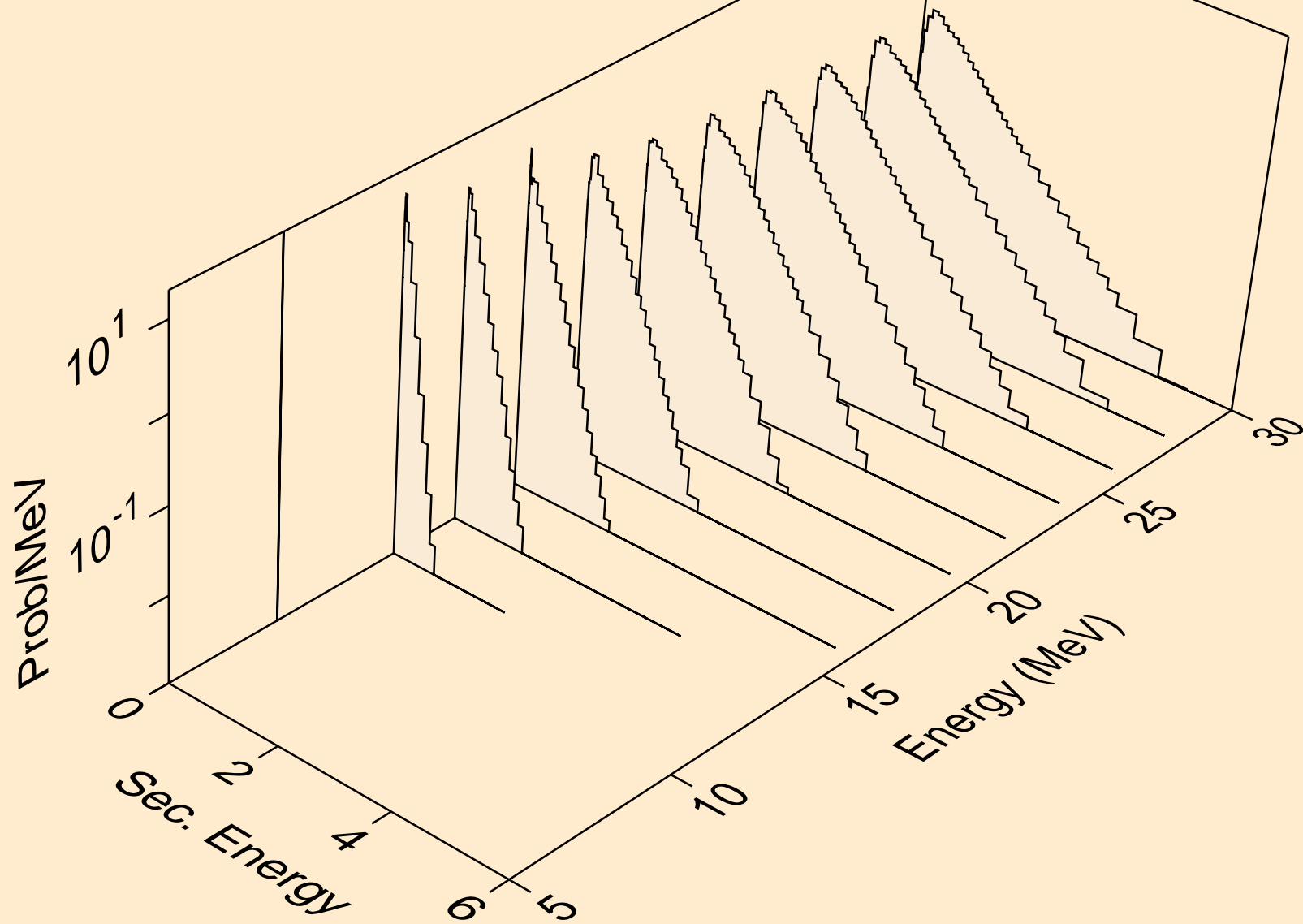
TM179 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)p



TM179 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)d

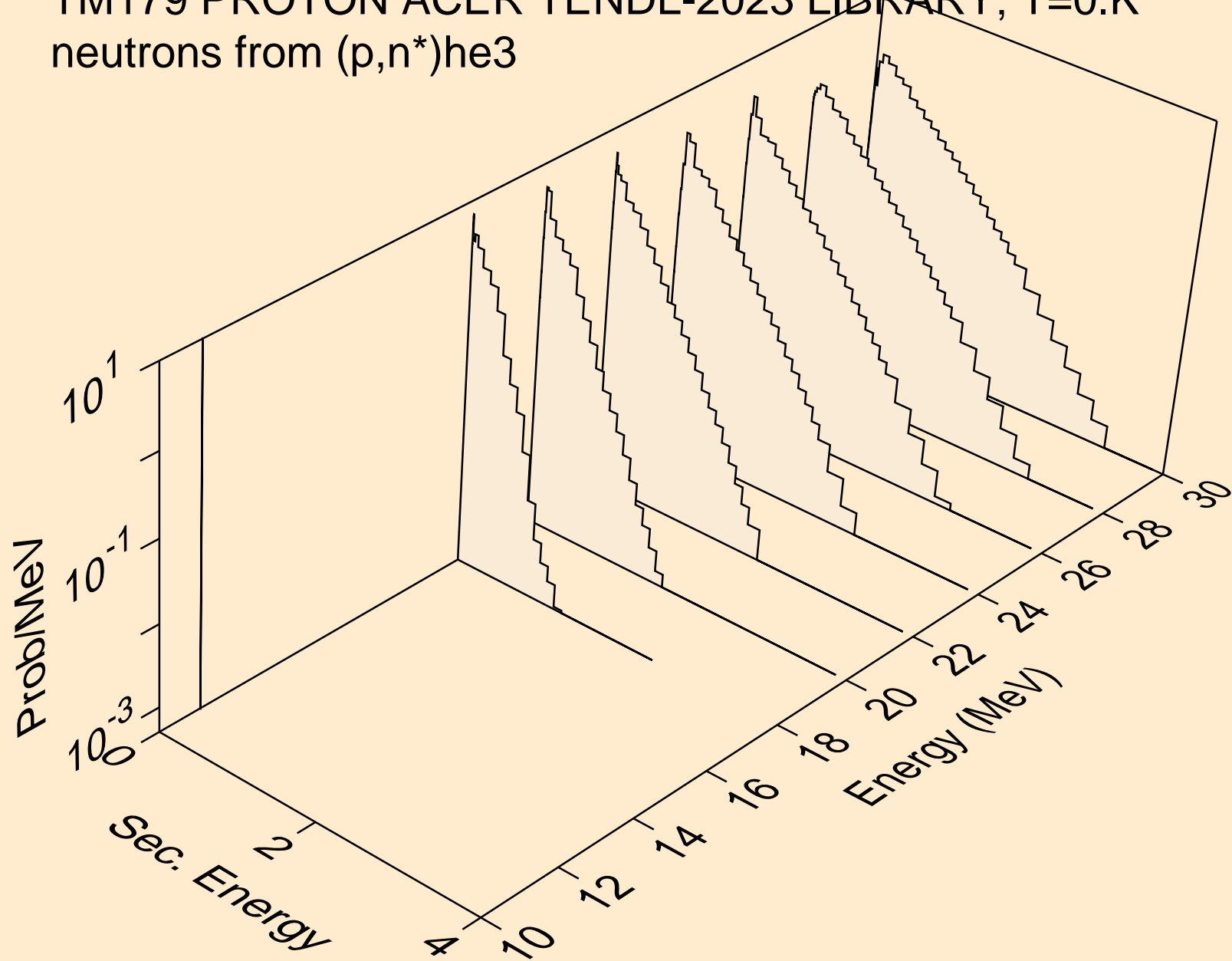


TM179 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)t

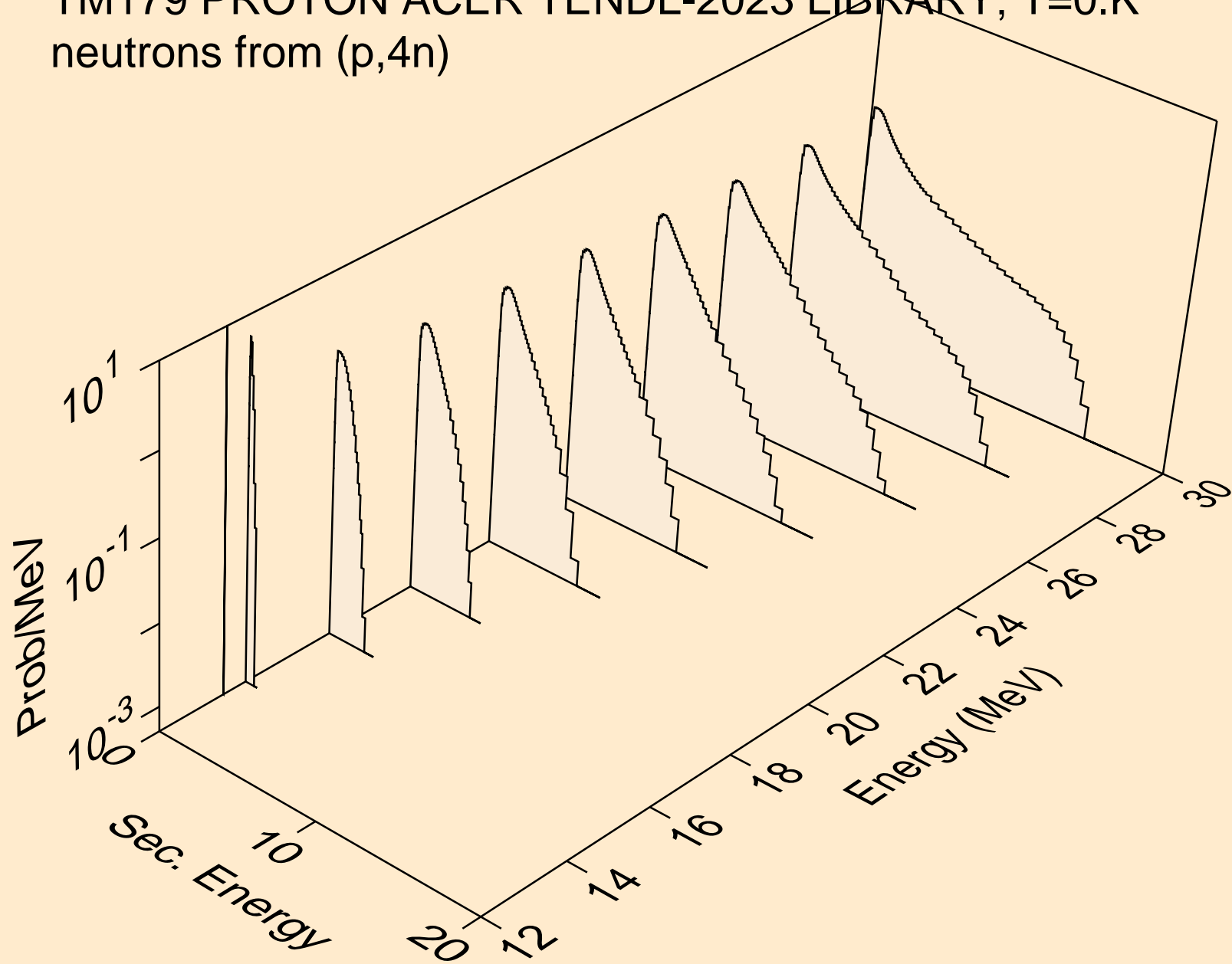




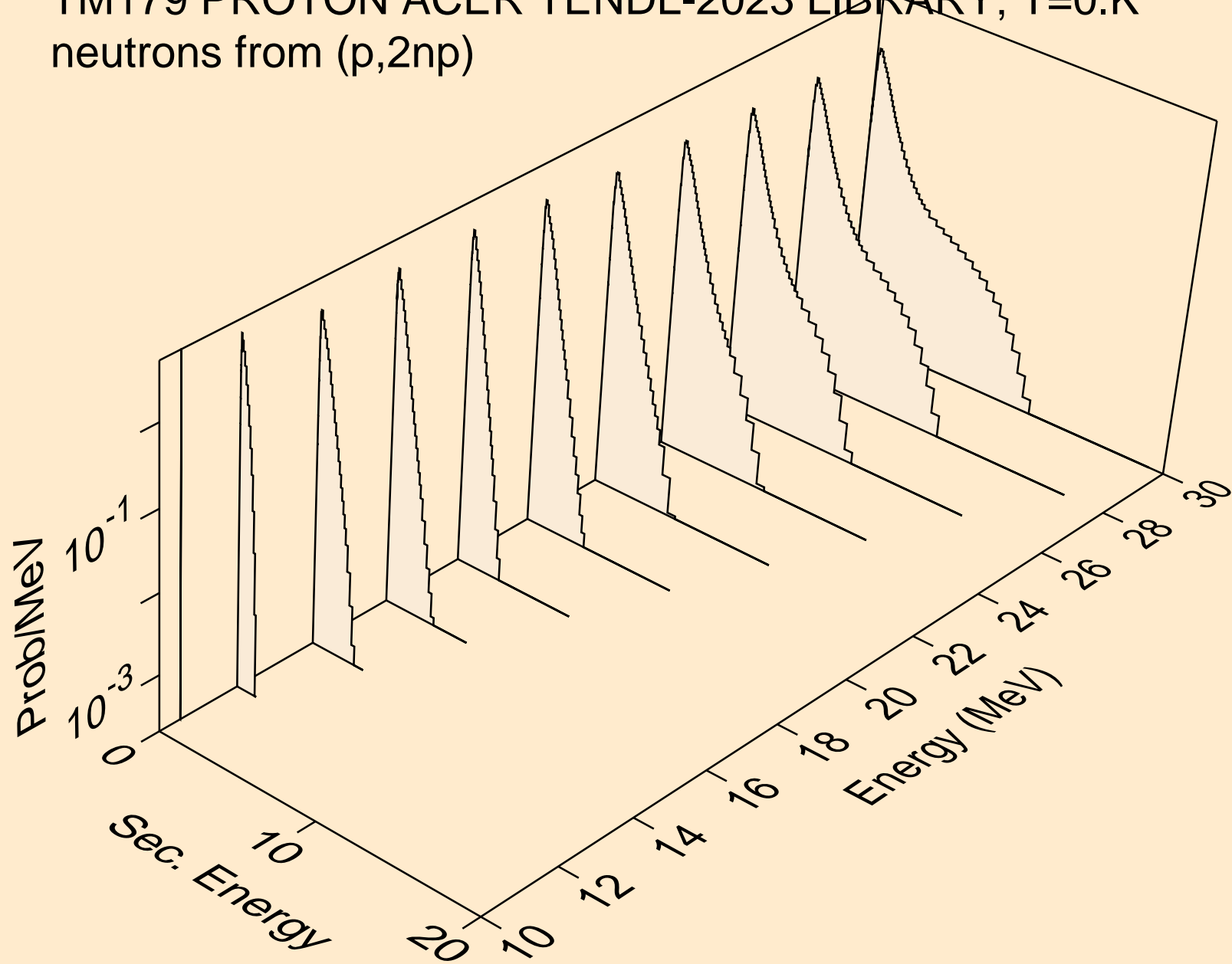
TM179 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



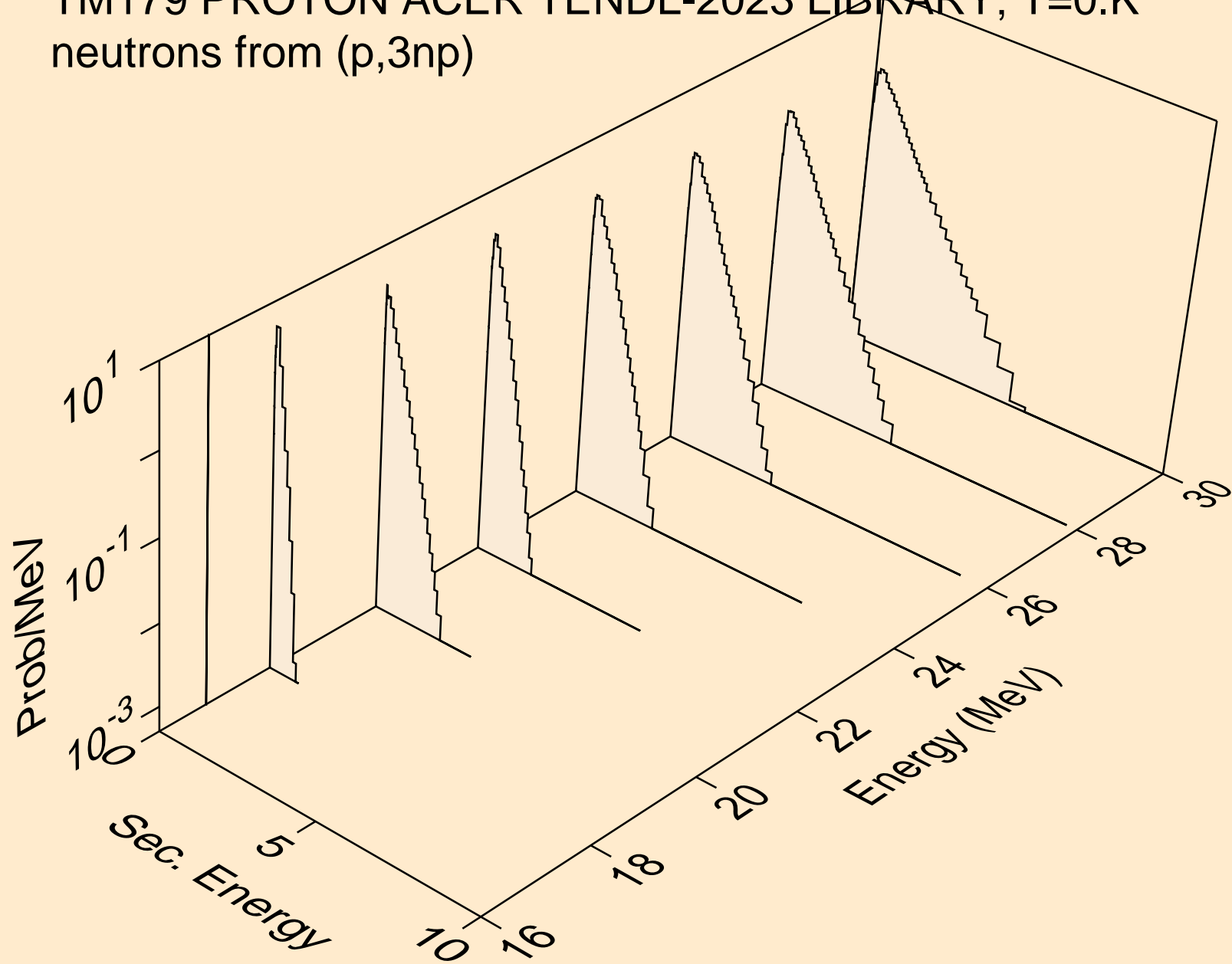
TM179 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,4n)



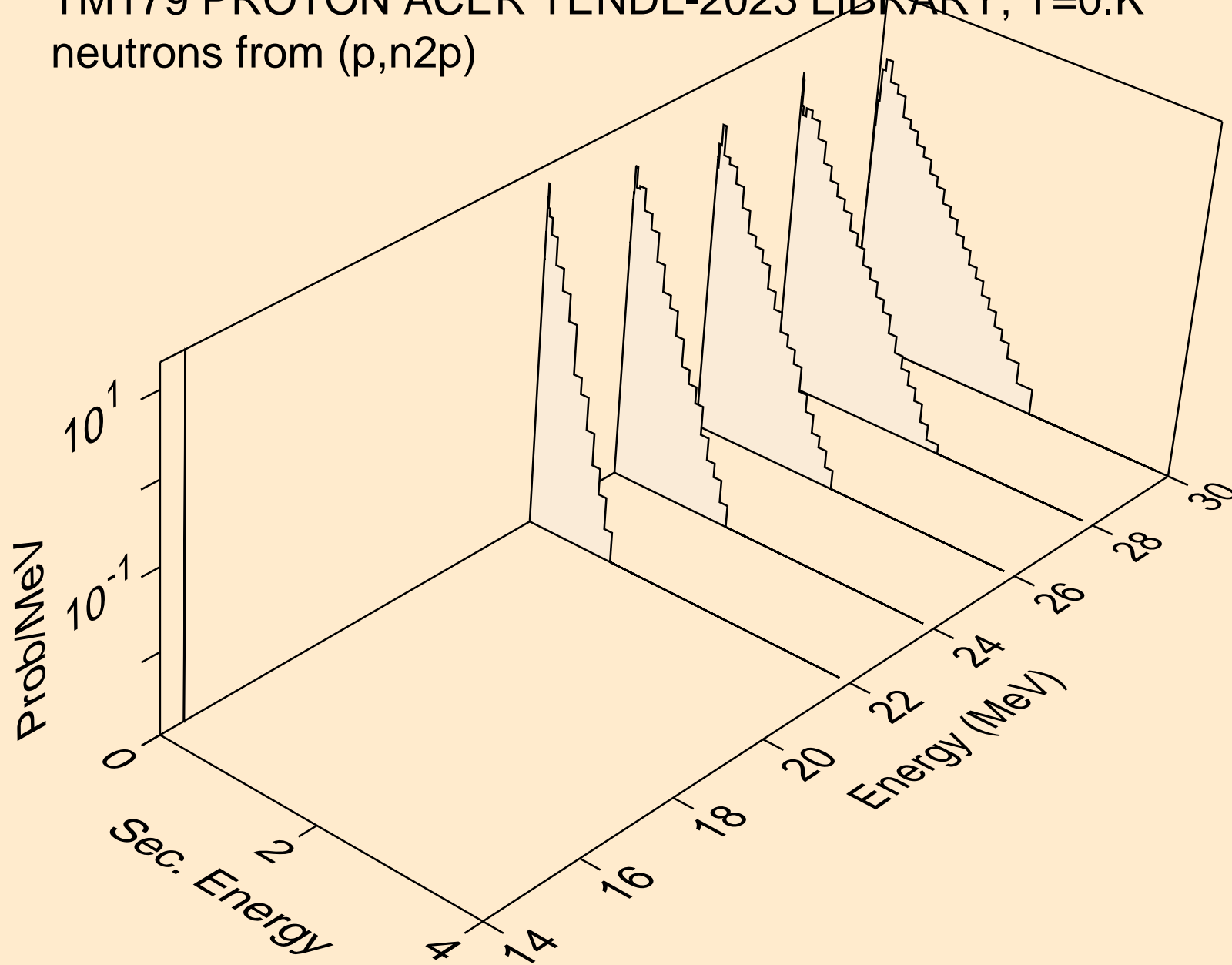
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neutrons from (p,2np)



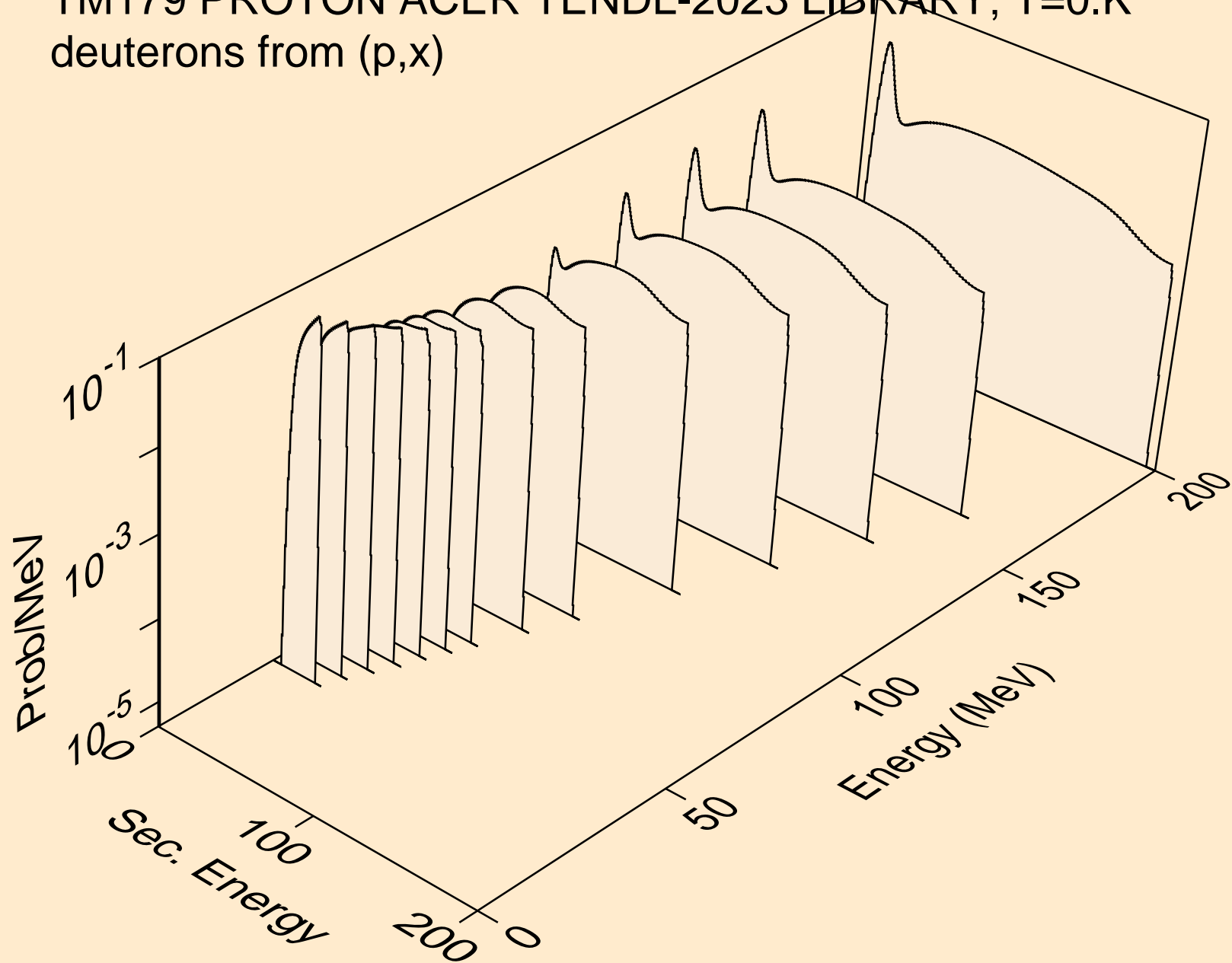
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neutrons from (p,3np)



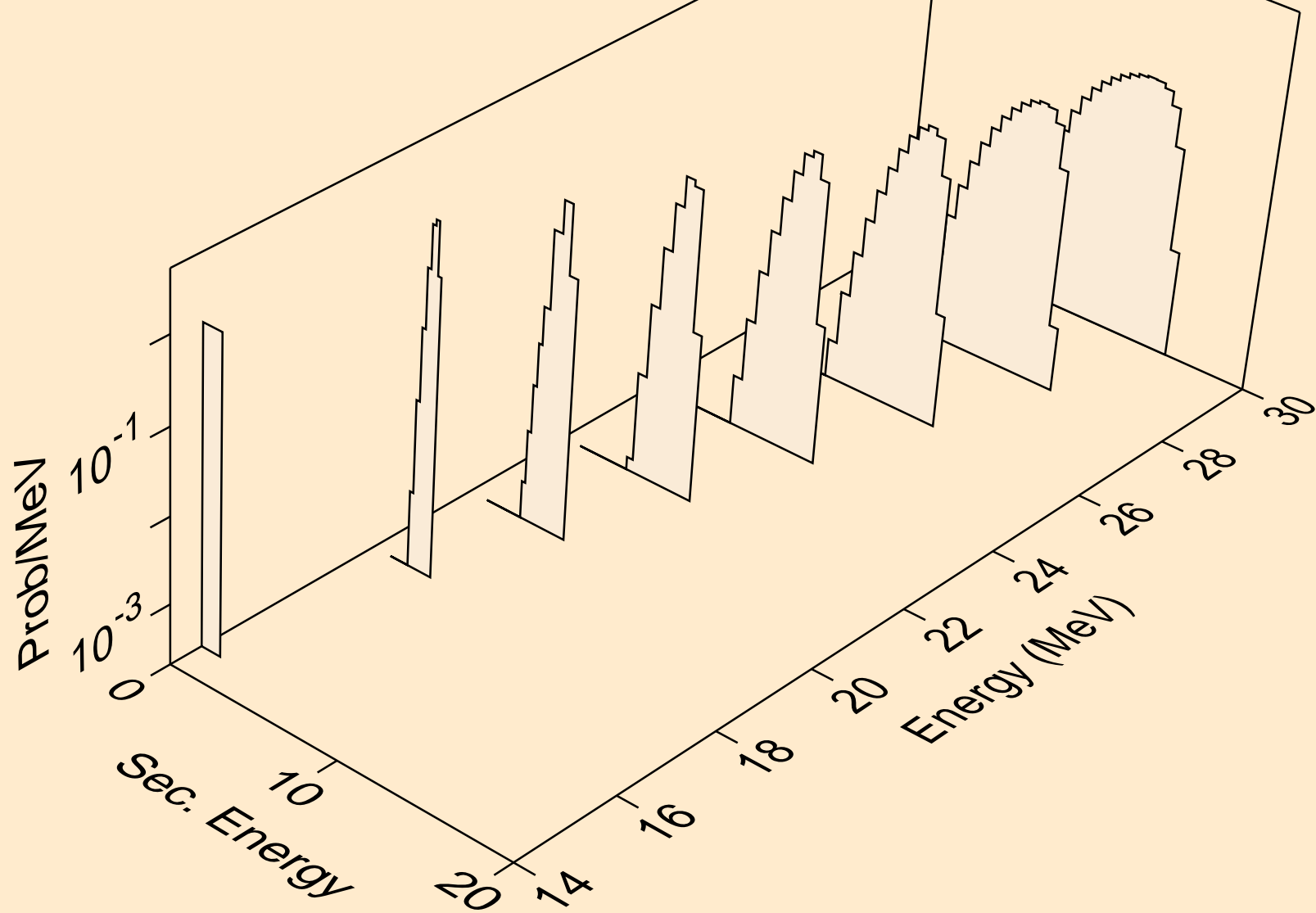
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neutrons from (p,n2p)



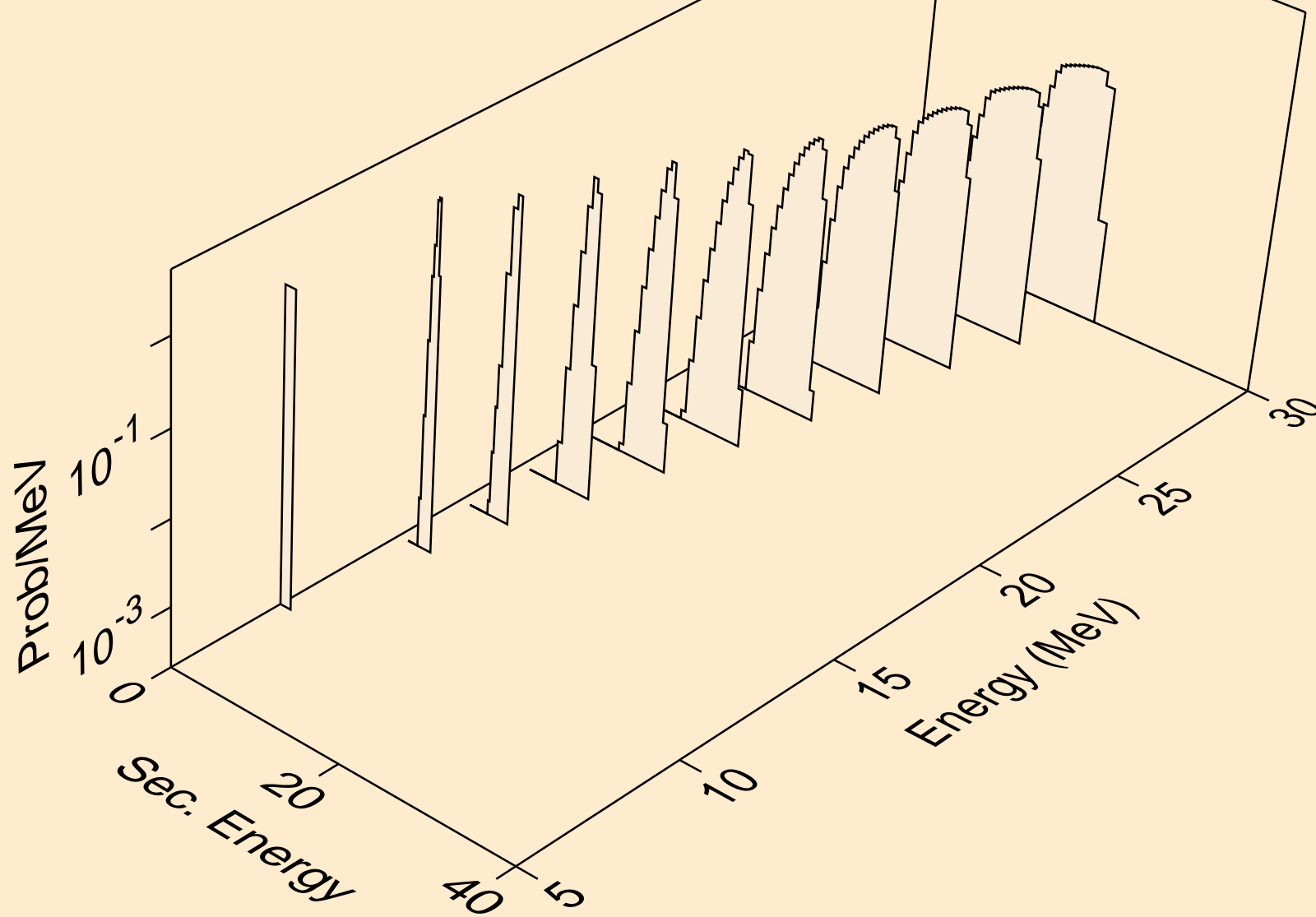
TM179 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,x)



TM179 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,2nd)

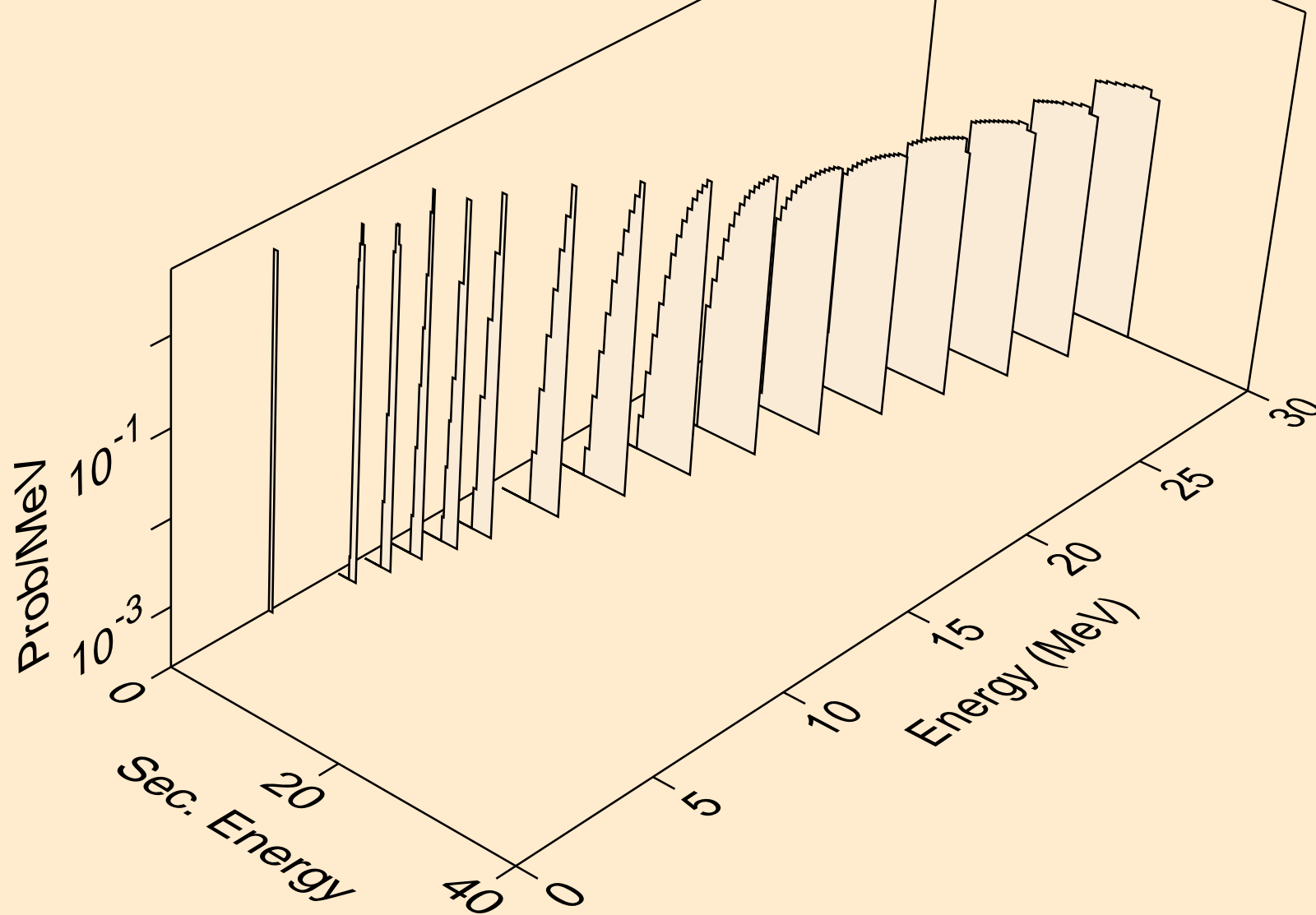


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deuterons from (p,n\*)d

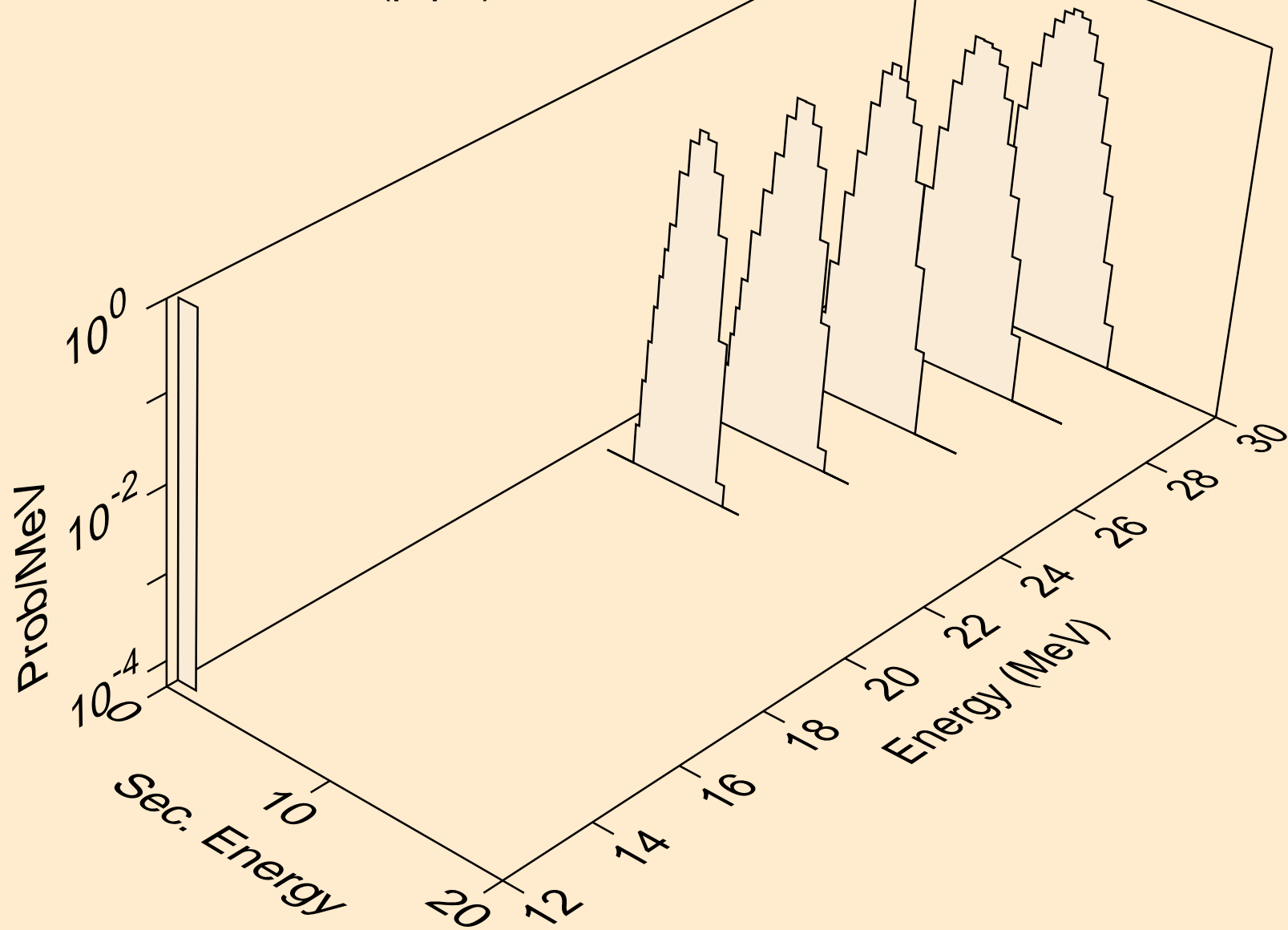




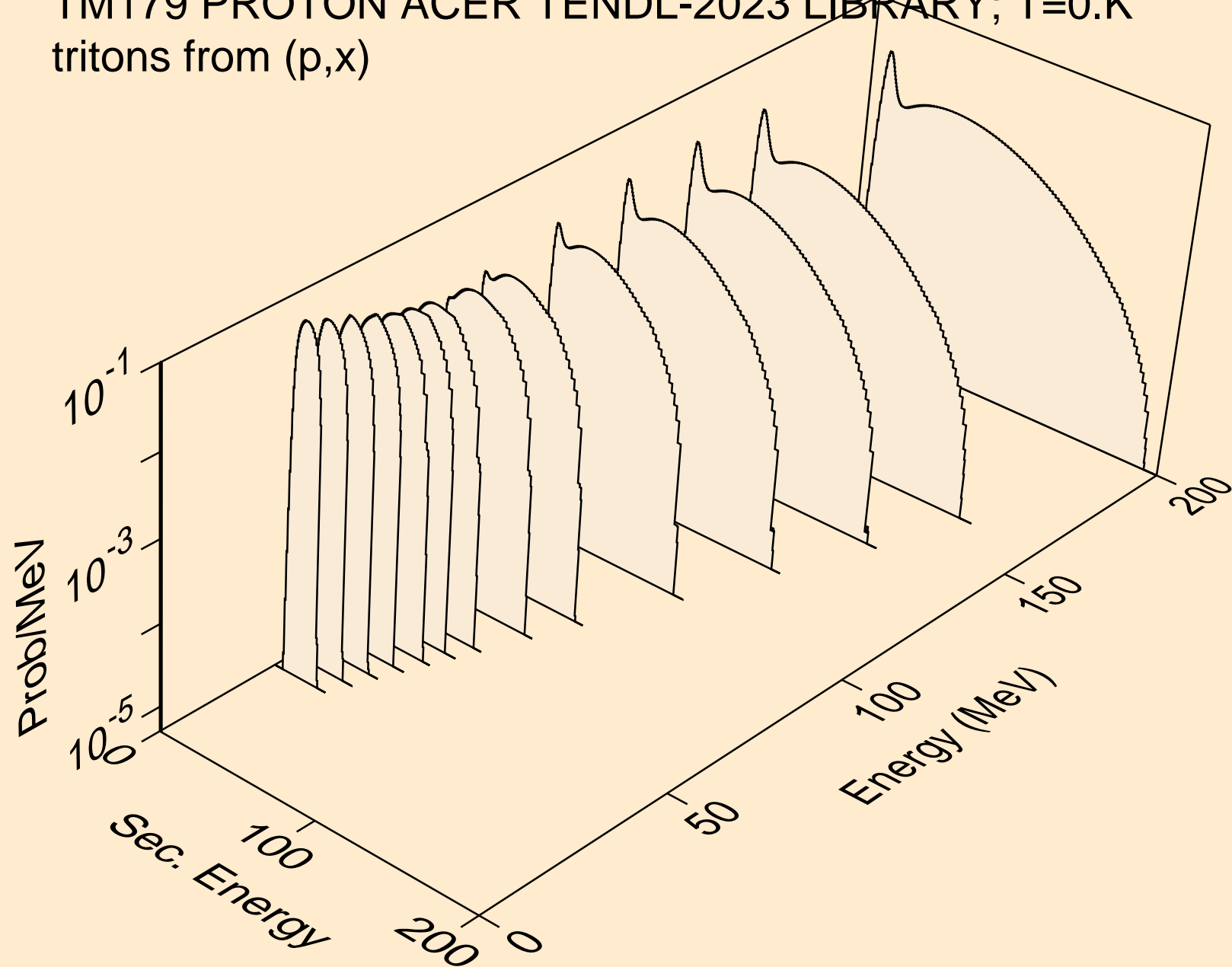
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deuterons from (p,d)



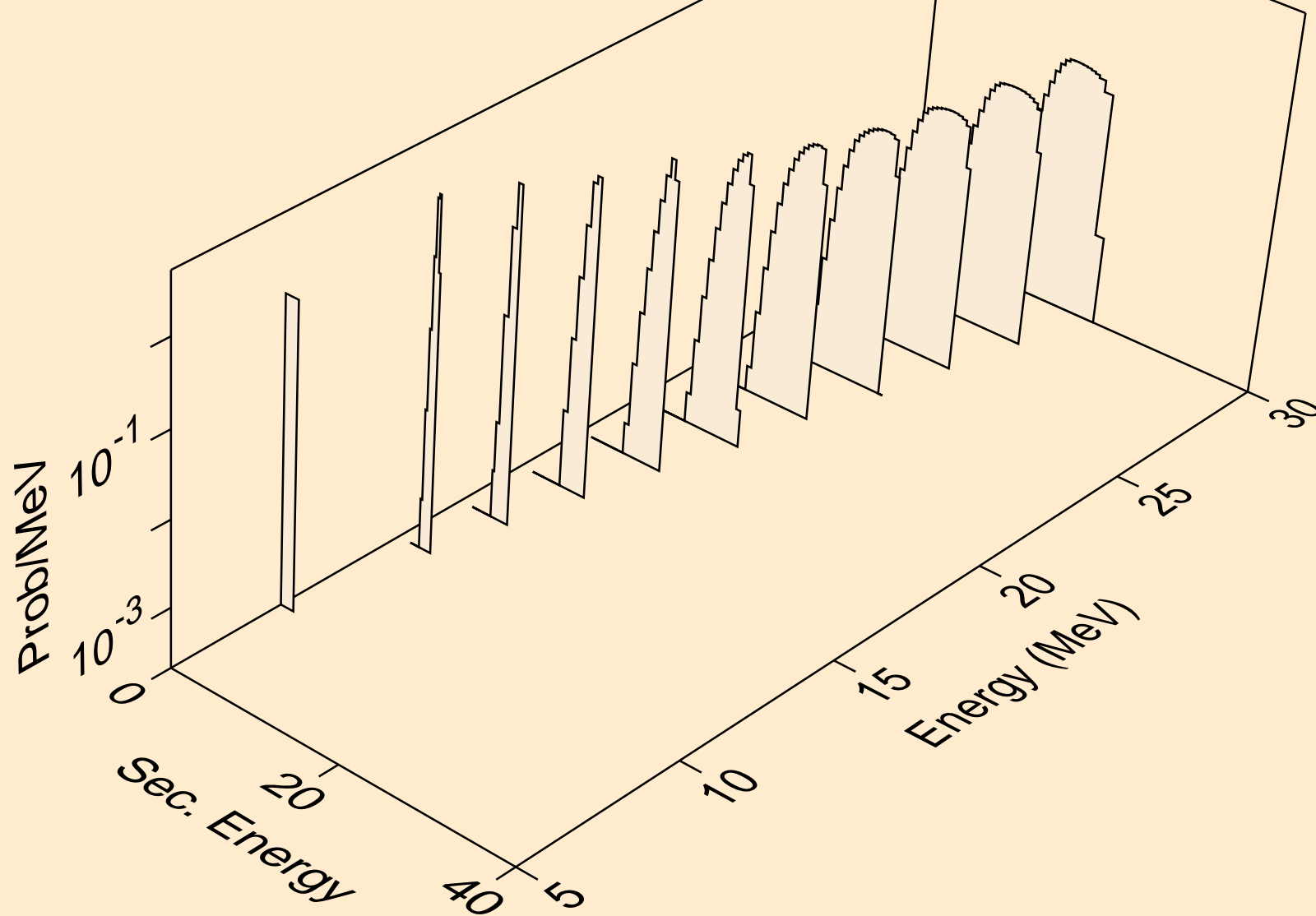
TM179 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,pd)



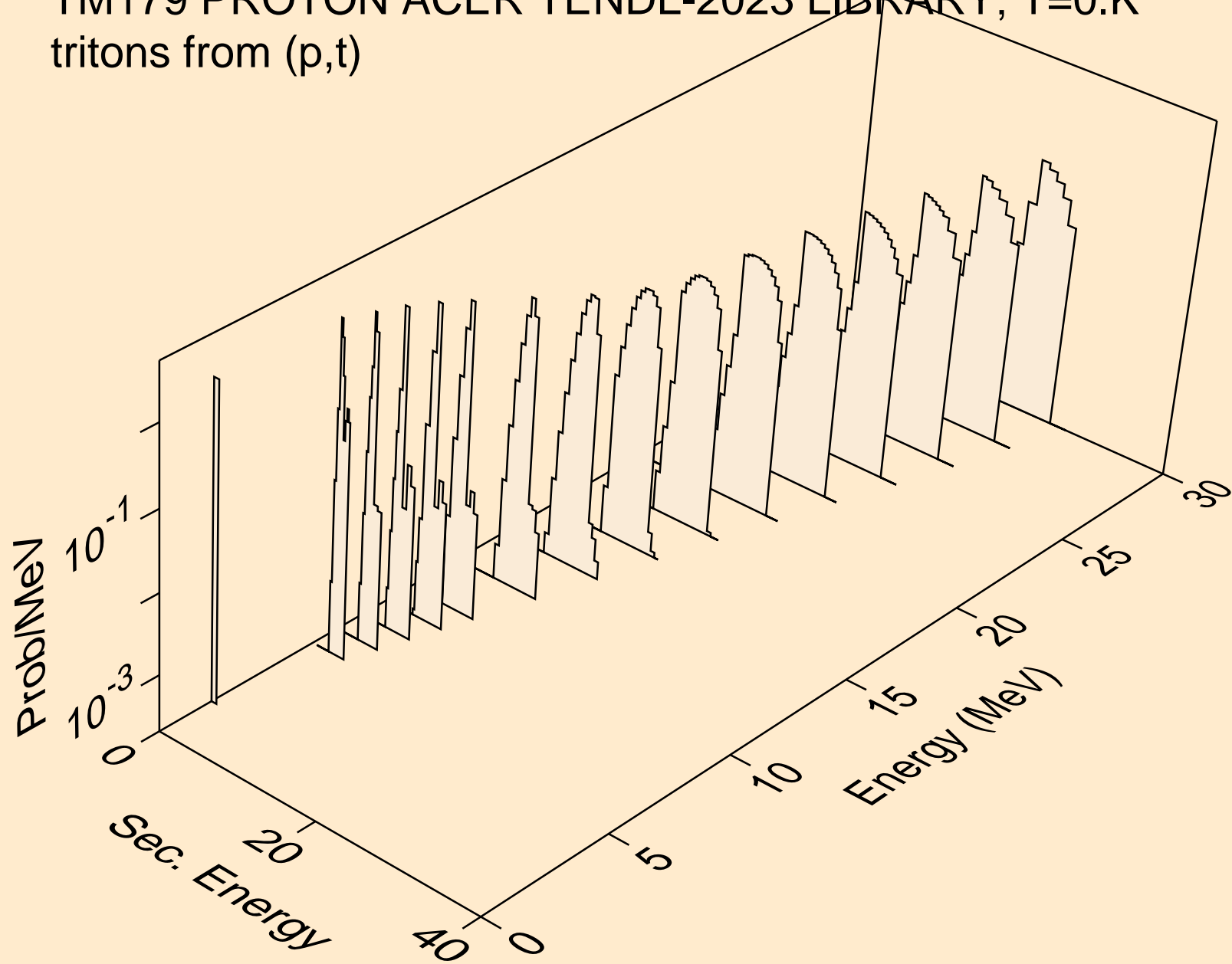
TM179 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)



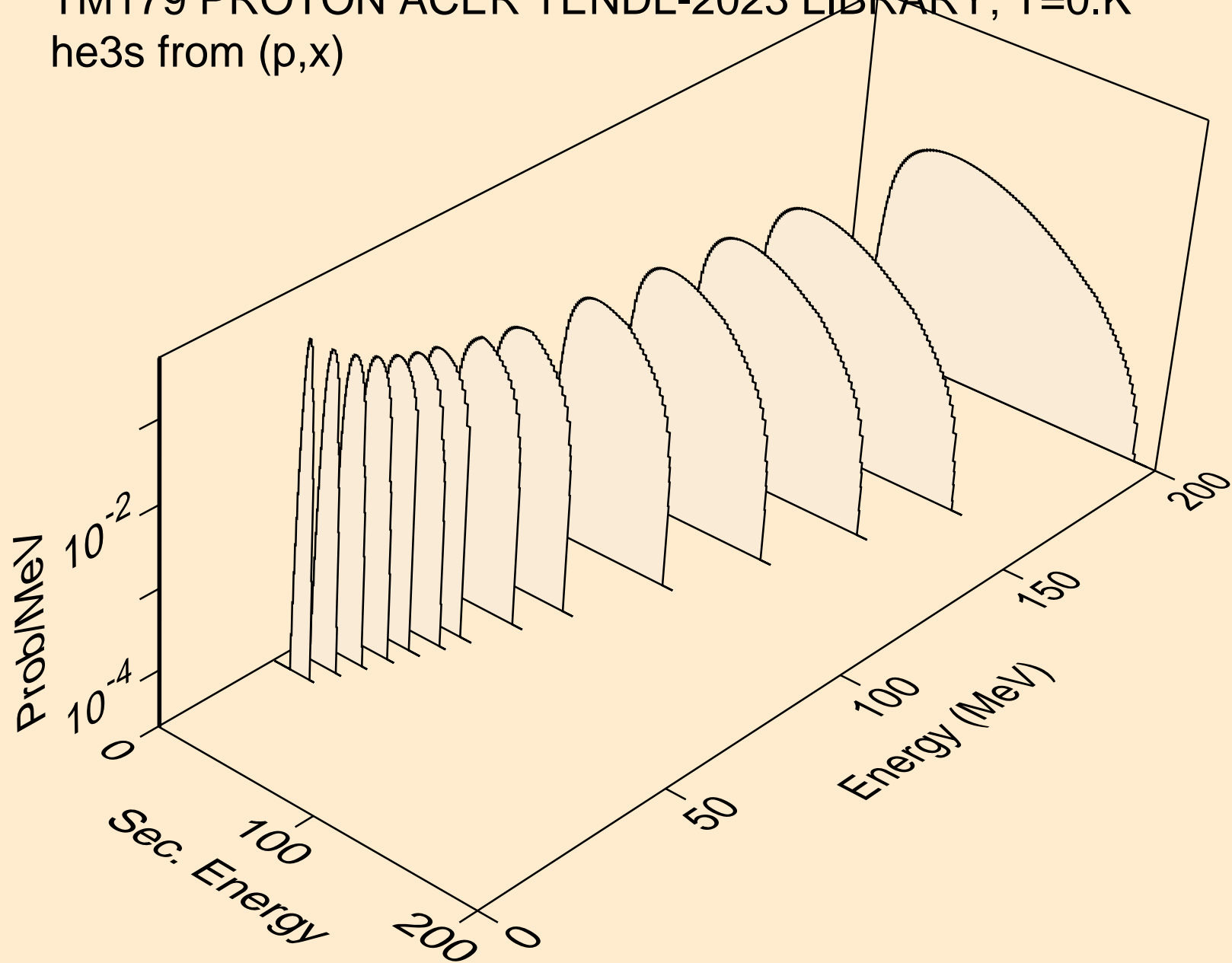
TM179 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,n\*)t



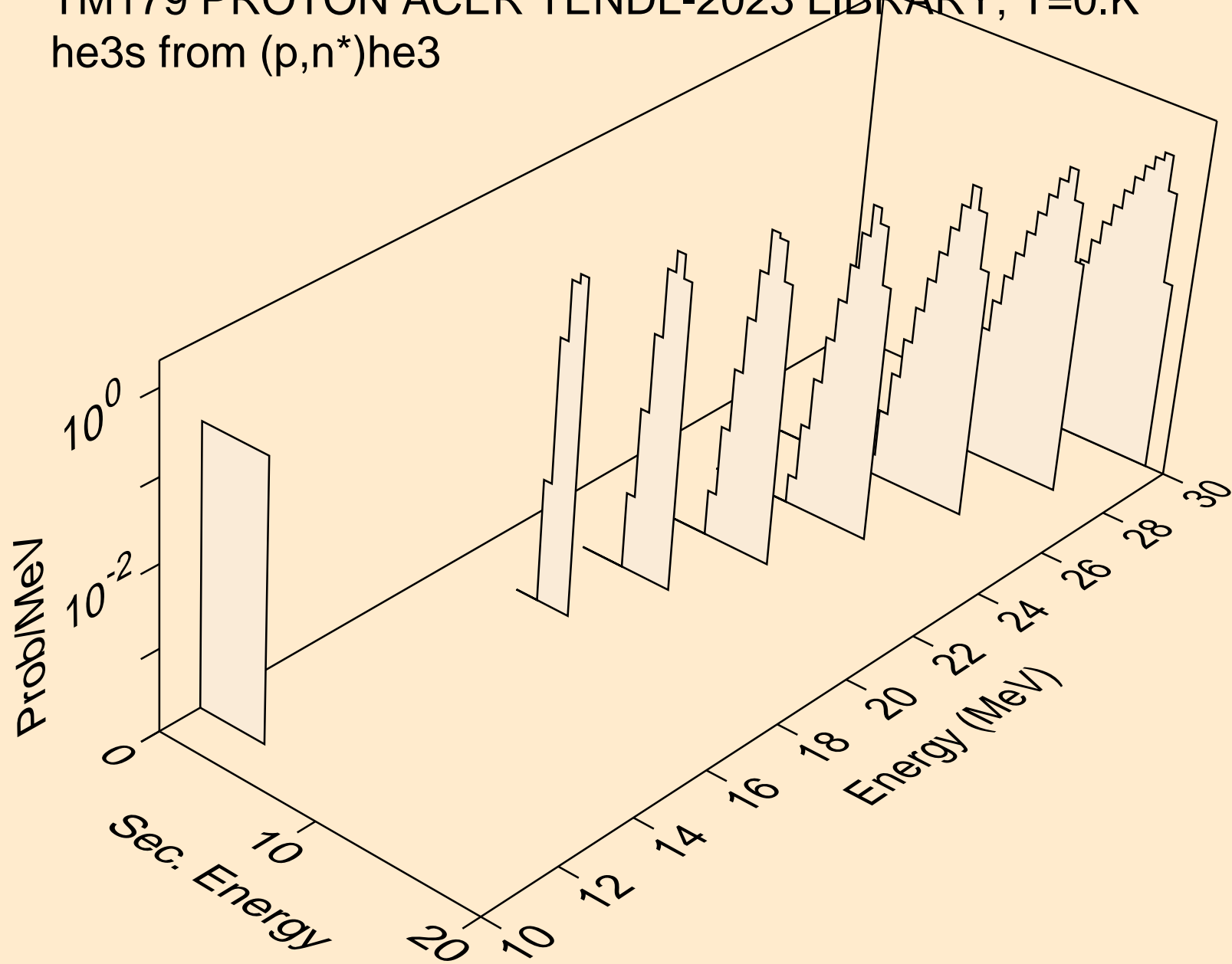
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tritons from (p,t)



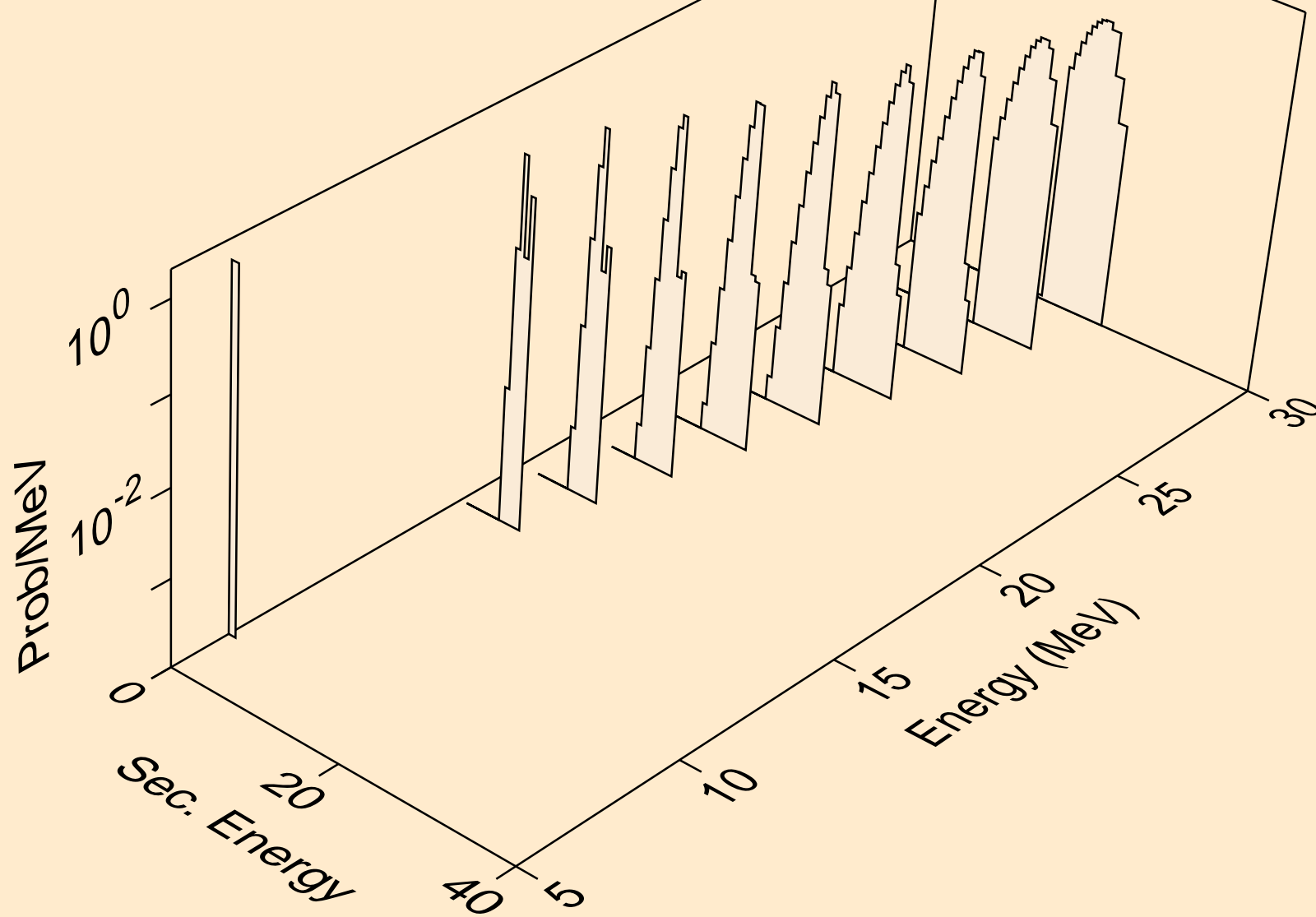
TM179 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)



TM179 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3

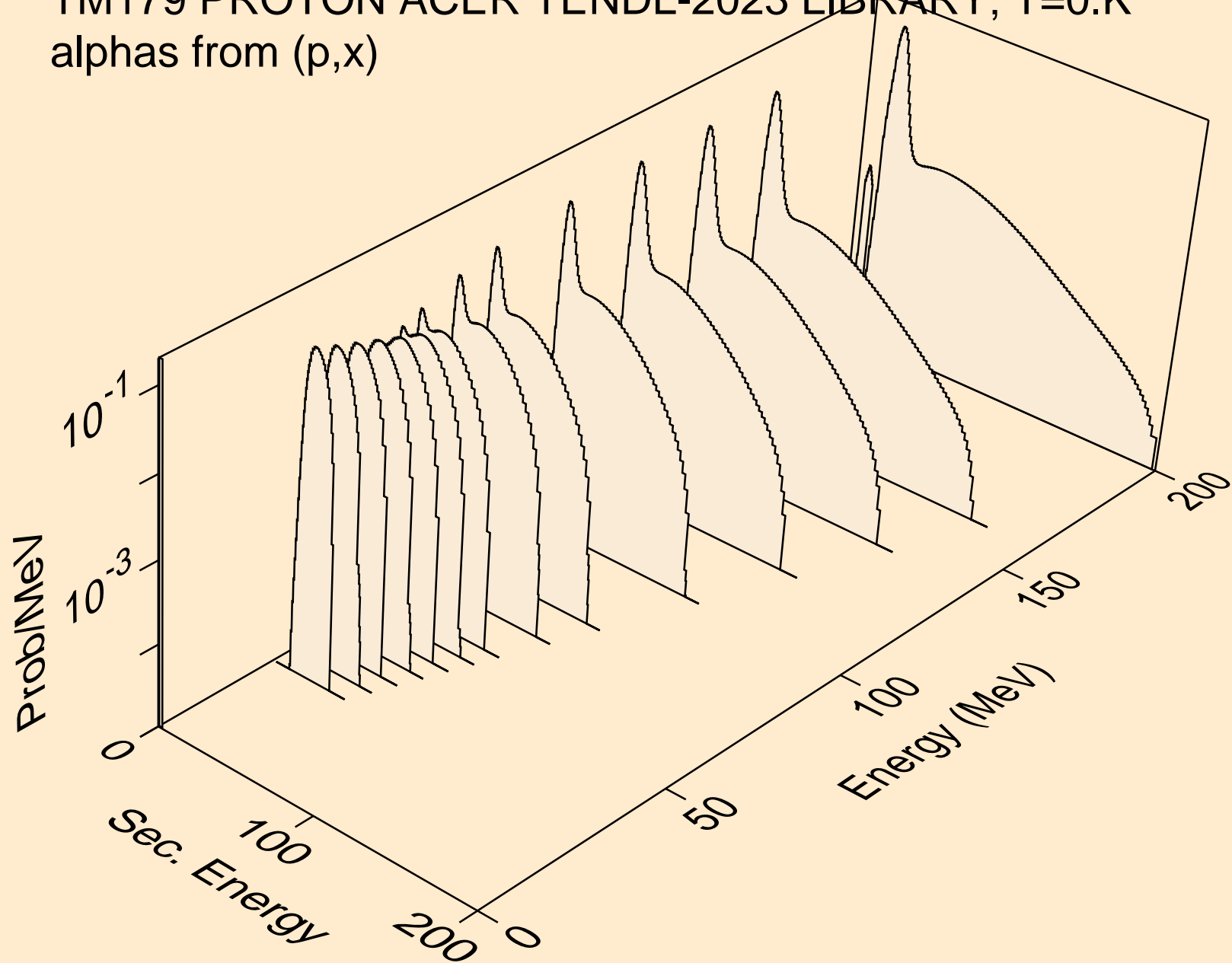


TM179 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,he3)

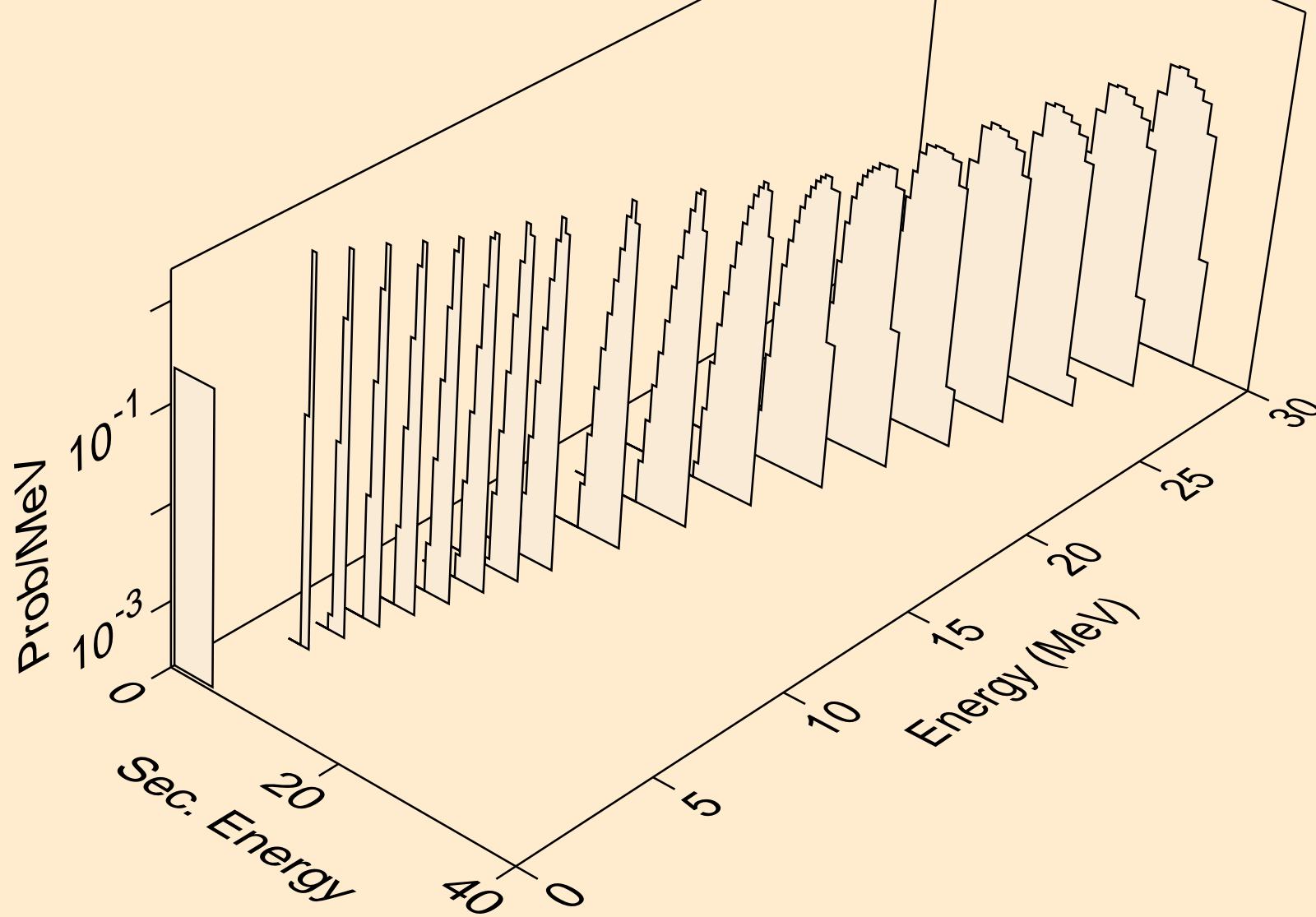




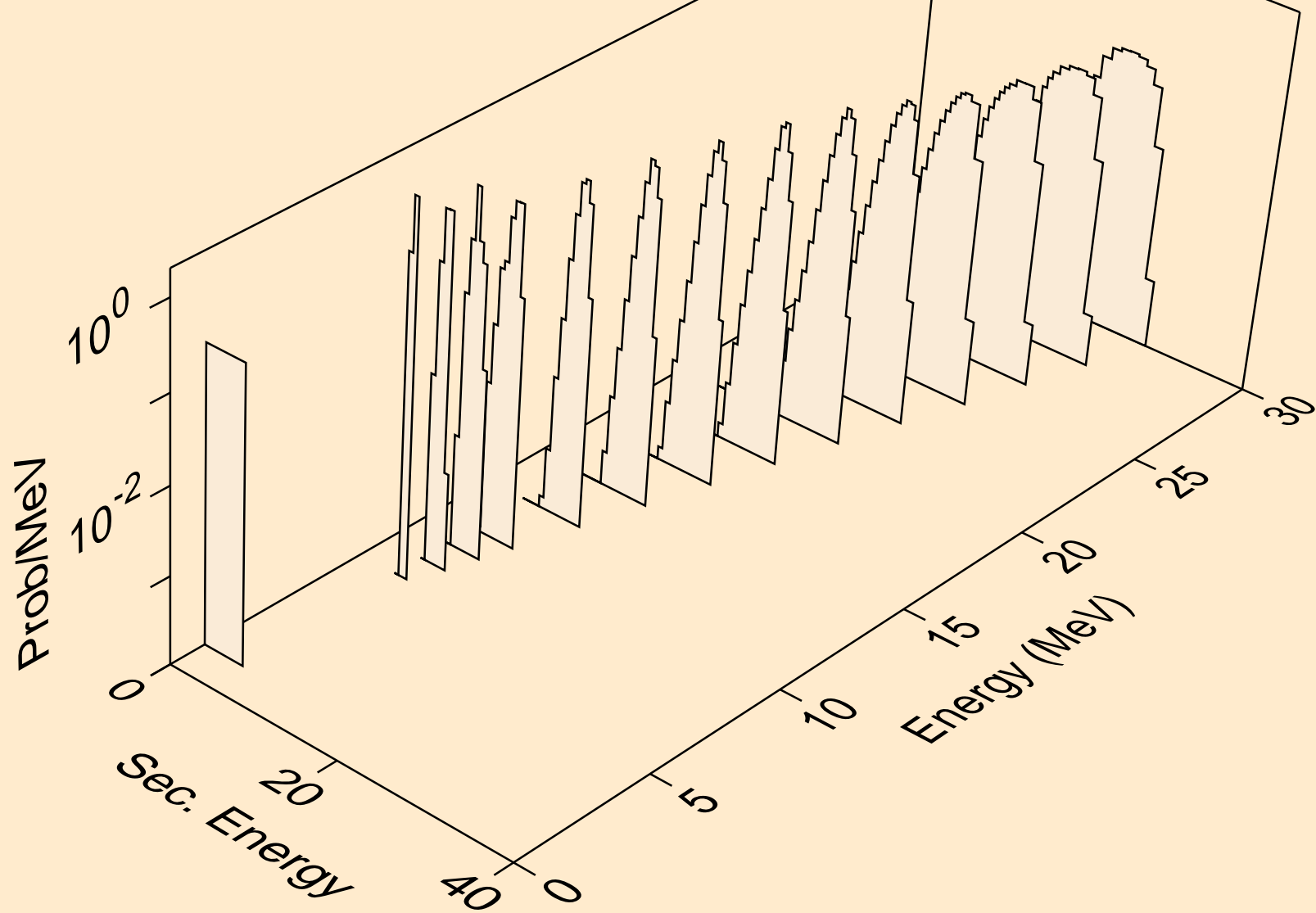
TM179 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



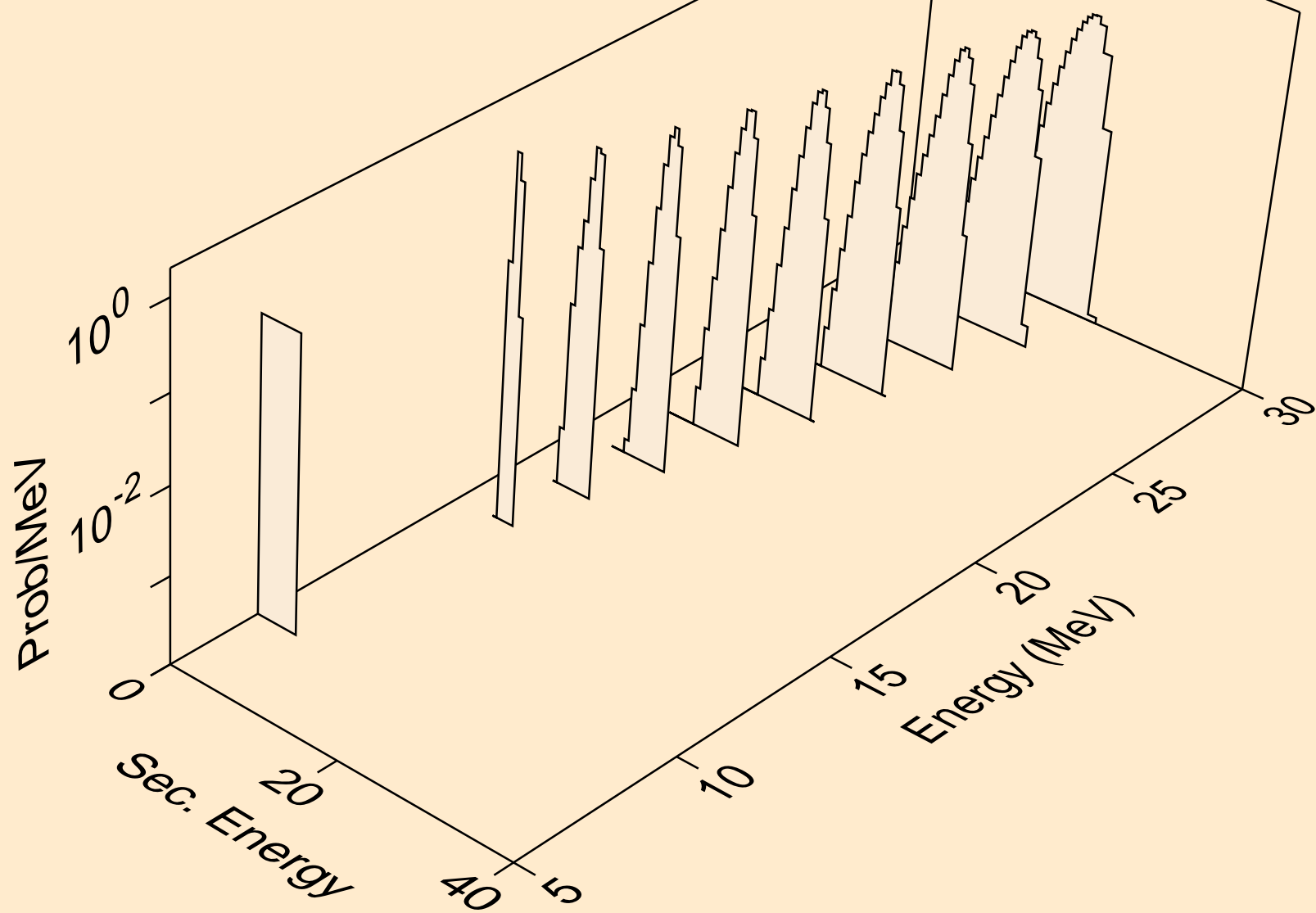
TM179 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a



TM179 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a



TM179 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,3n)a



TM179 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)

