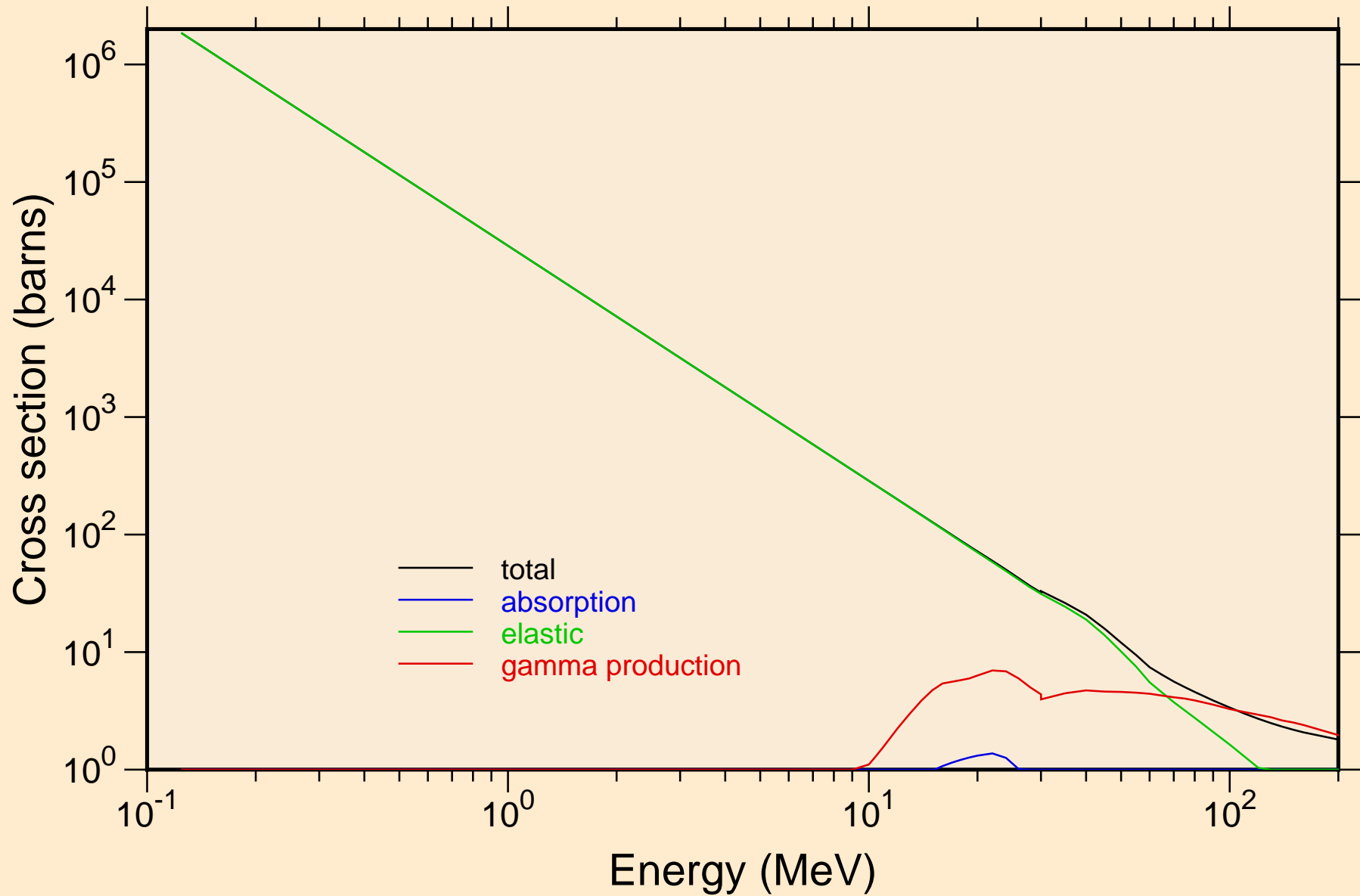


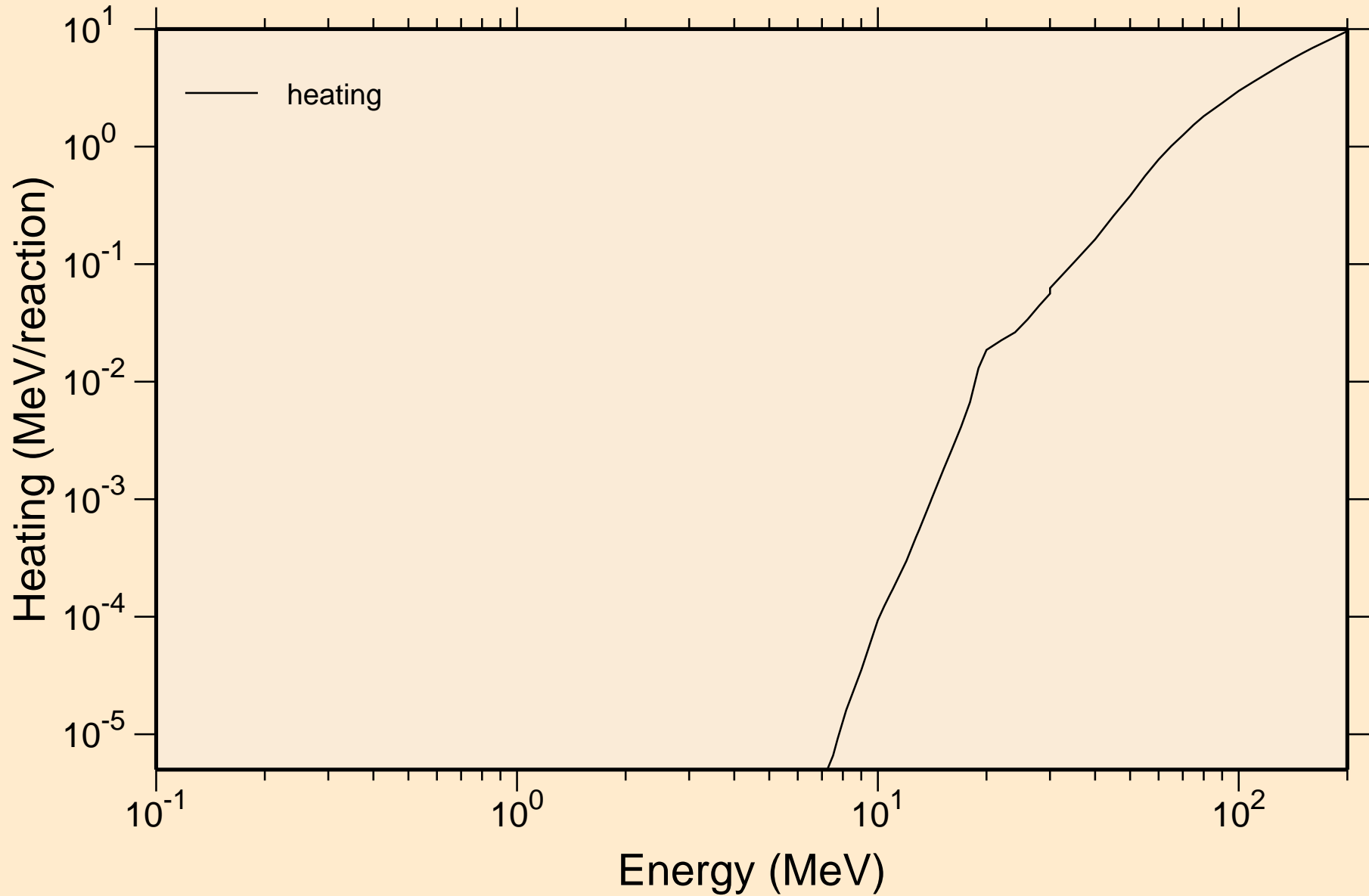
# ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



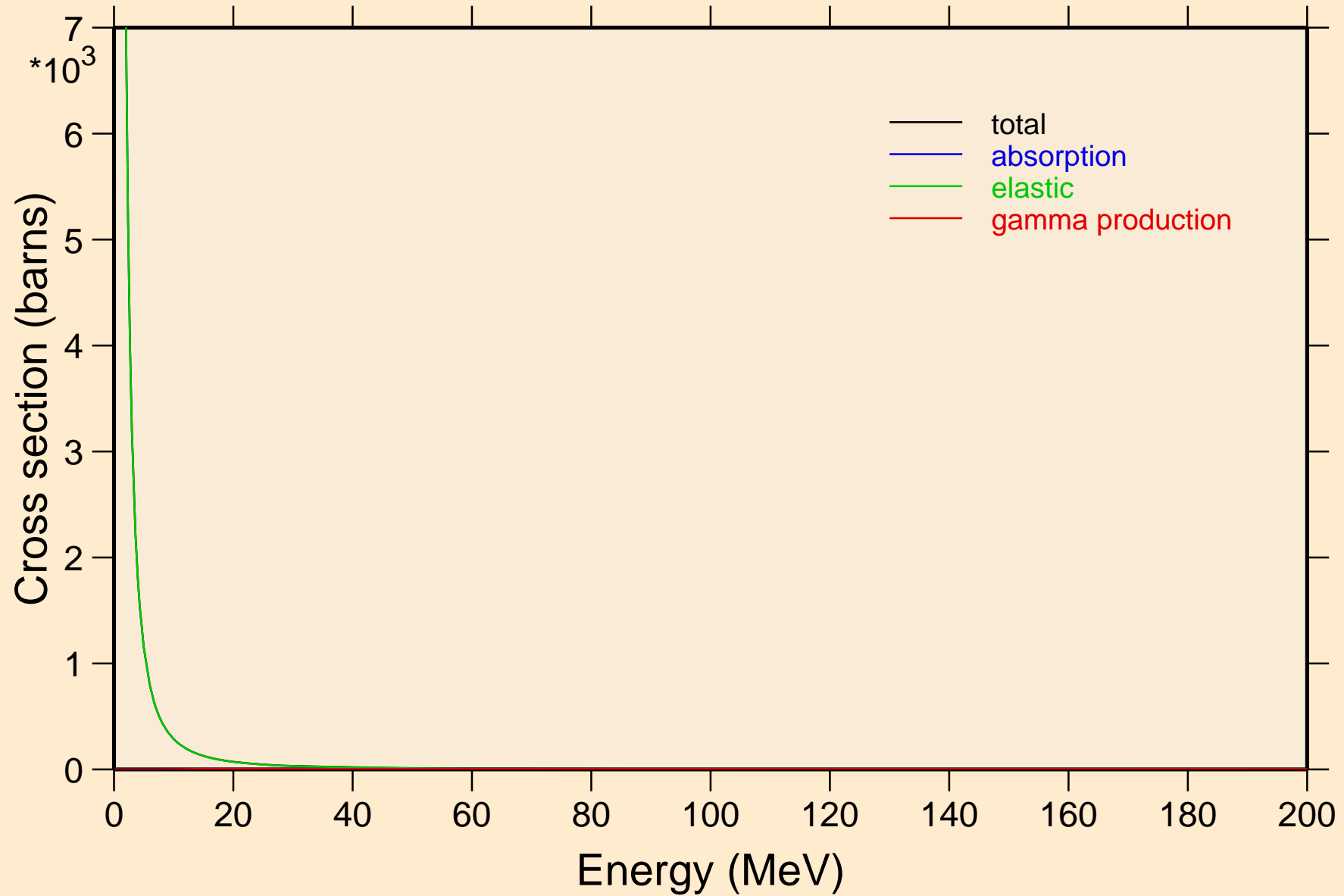
# ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



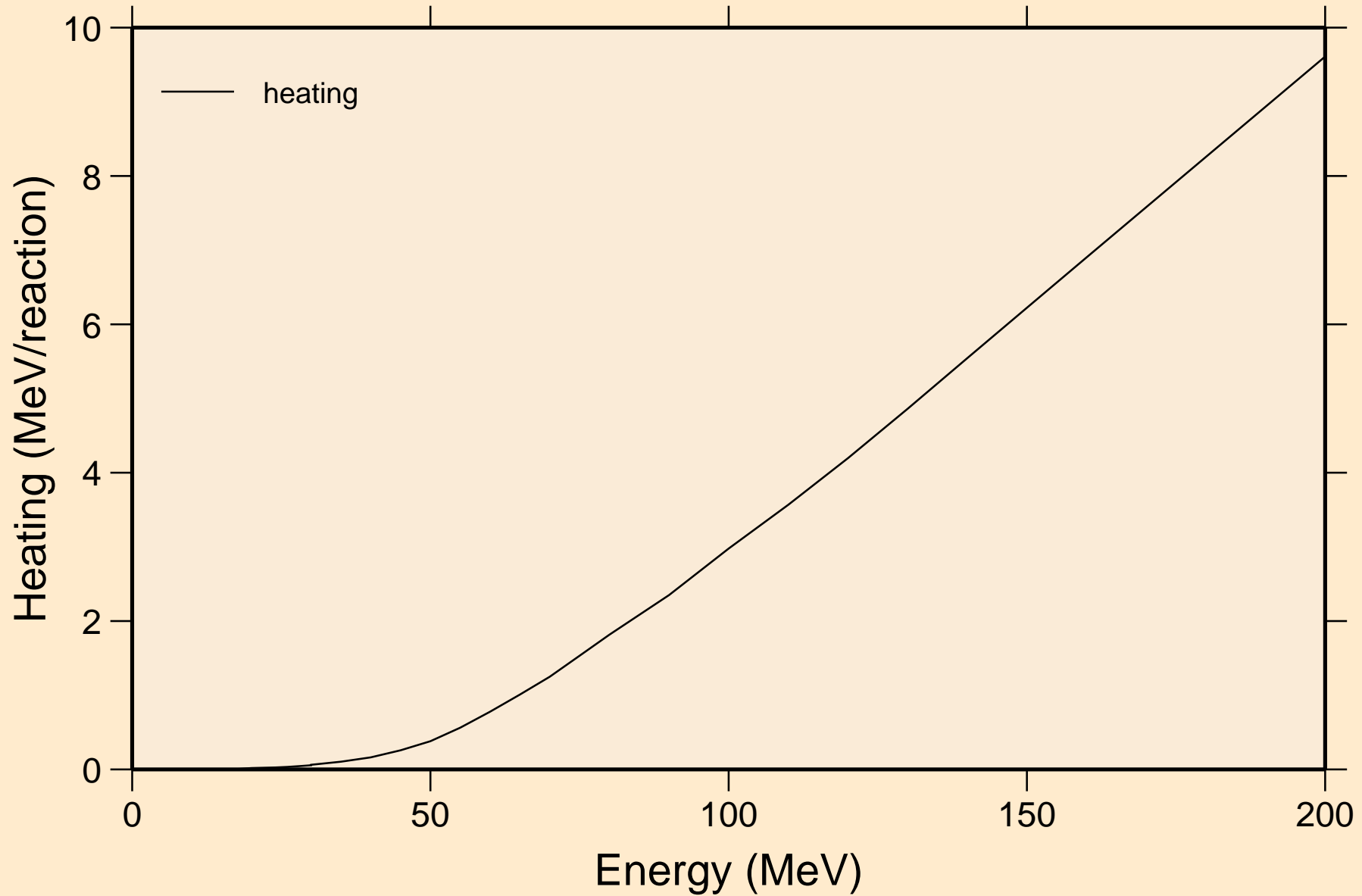
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## Principal cross sections



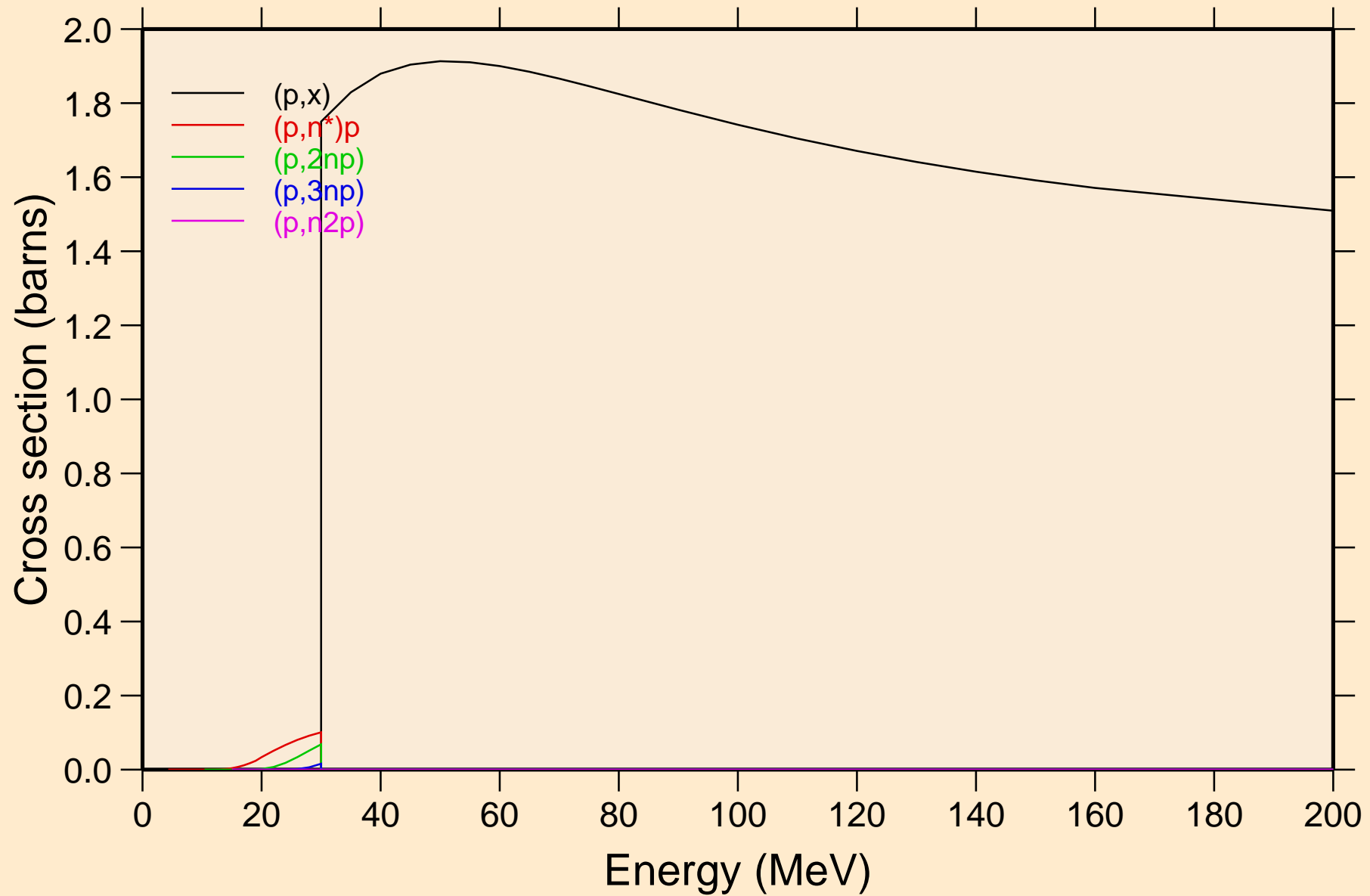
ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Heating



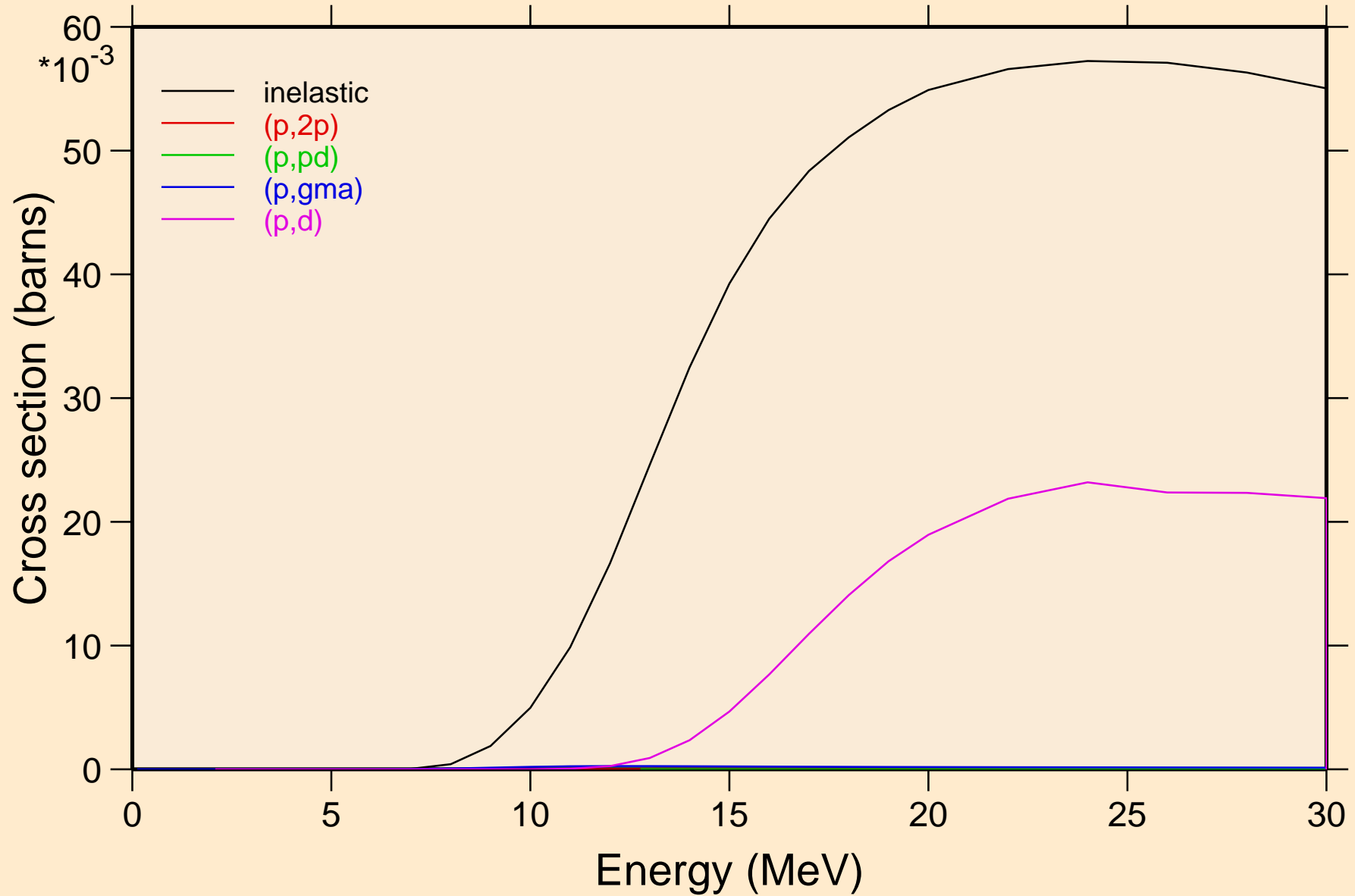
# ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



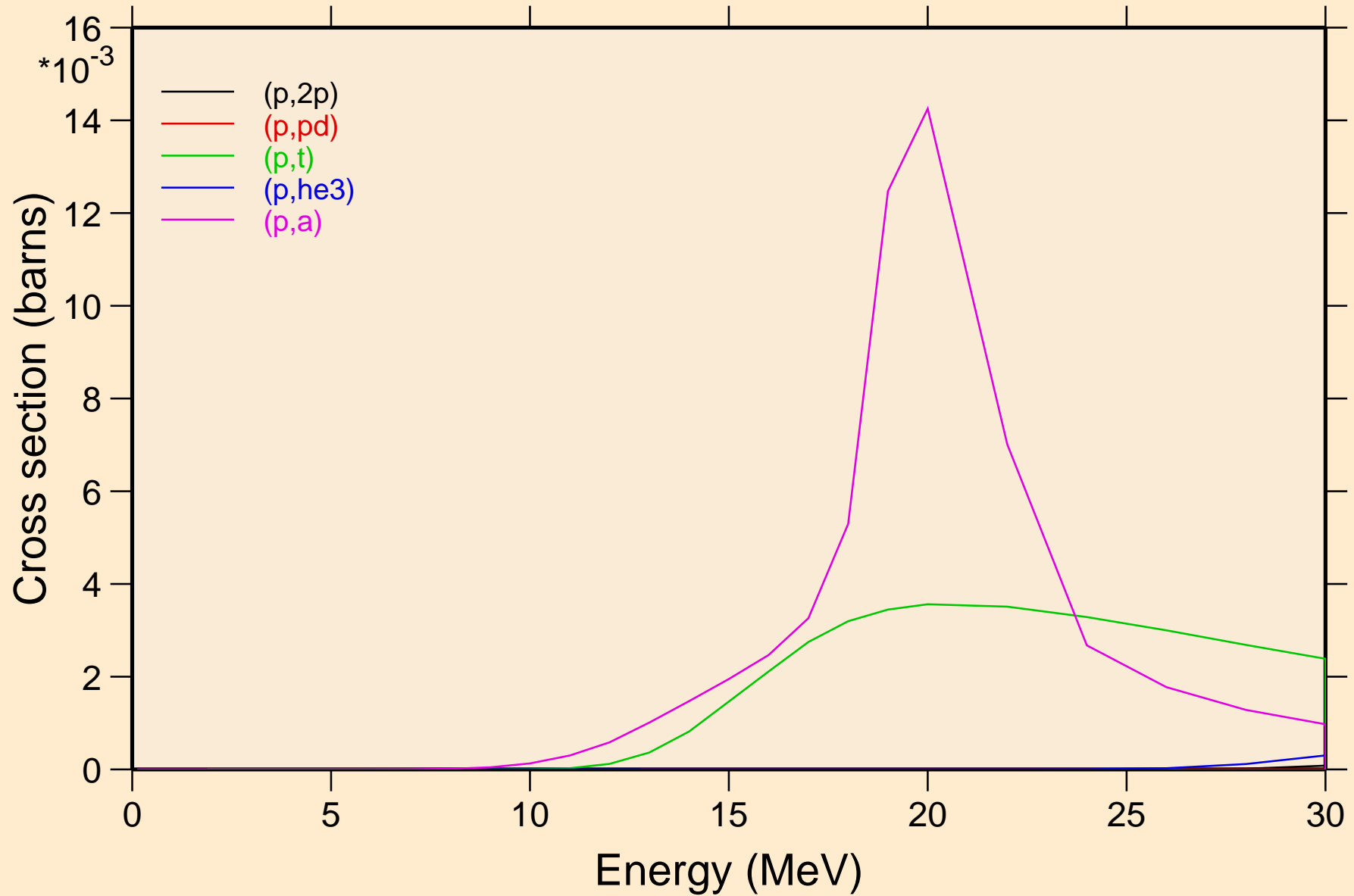
# ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



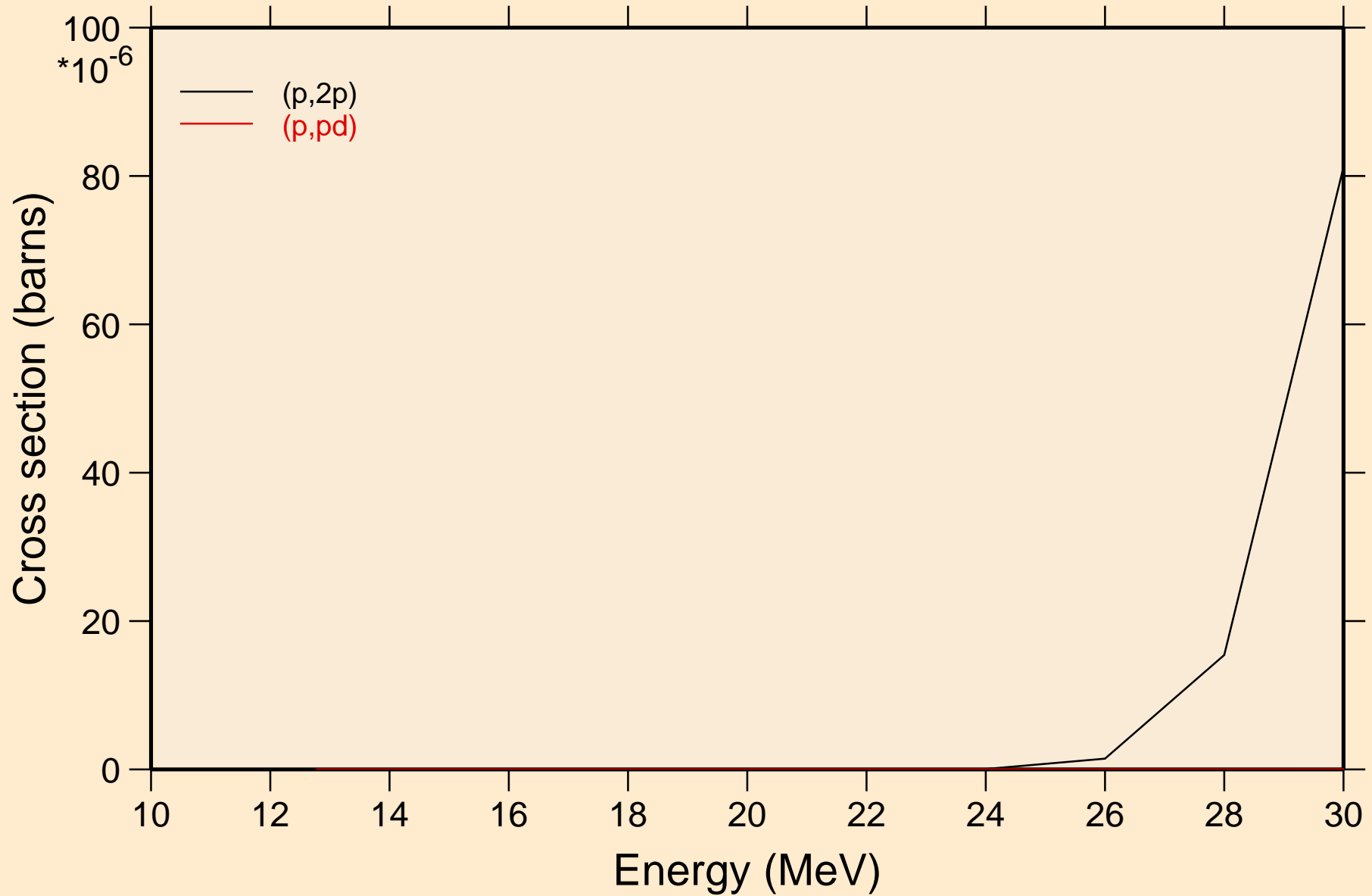
# ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



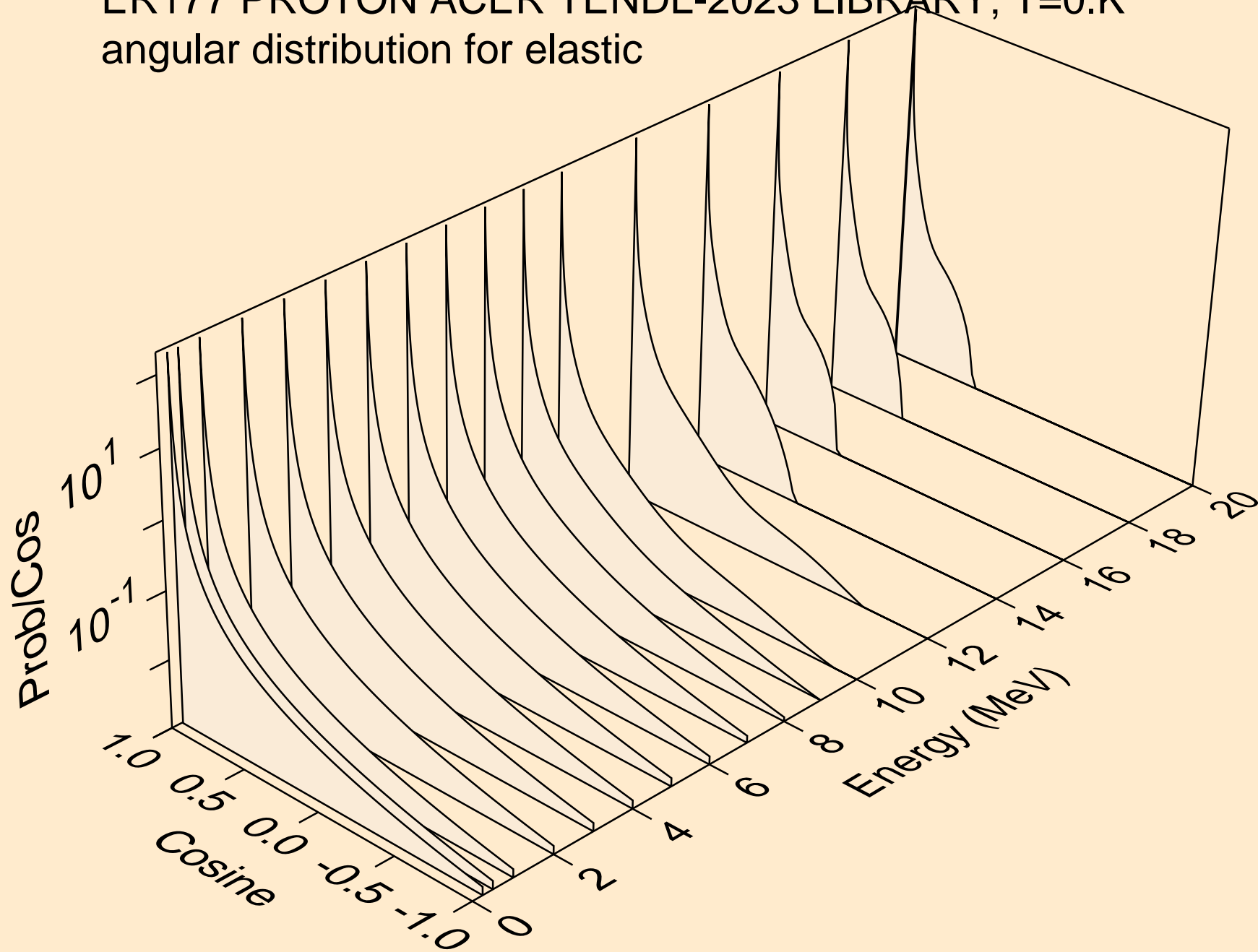
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## Threshold reactions

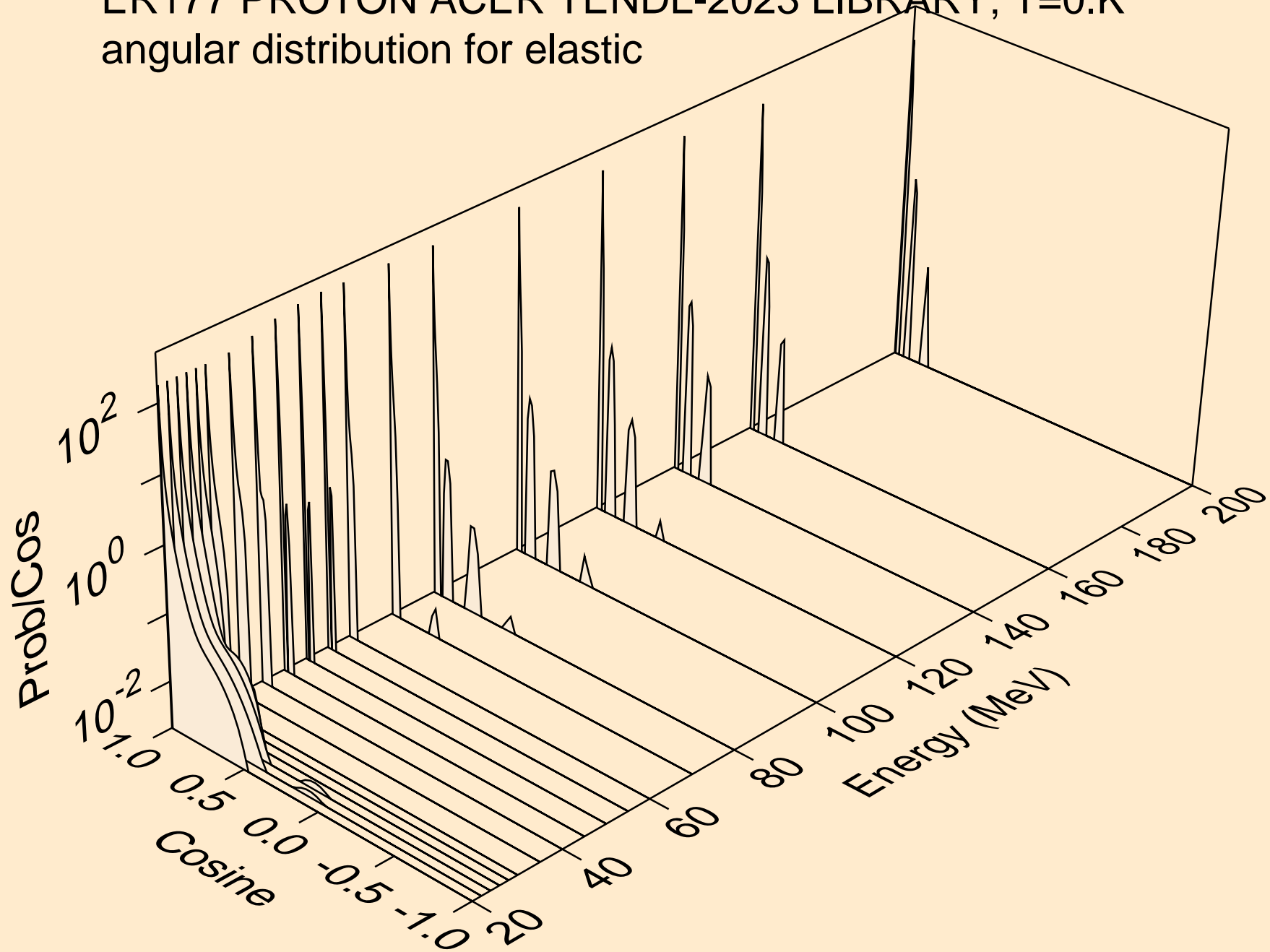




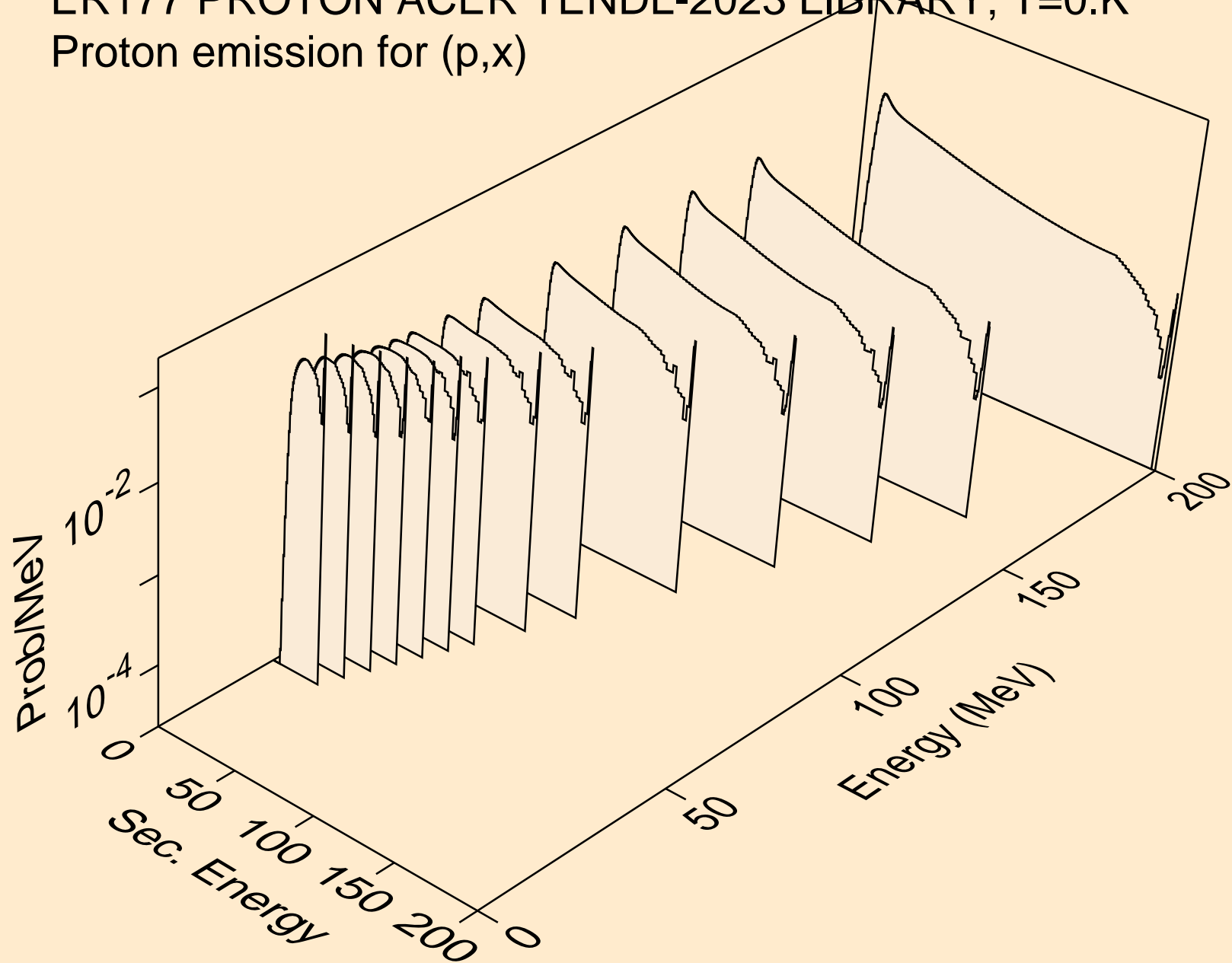
ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



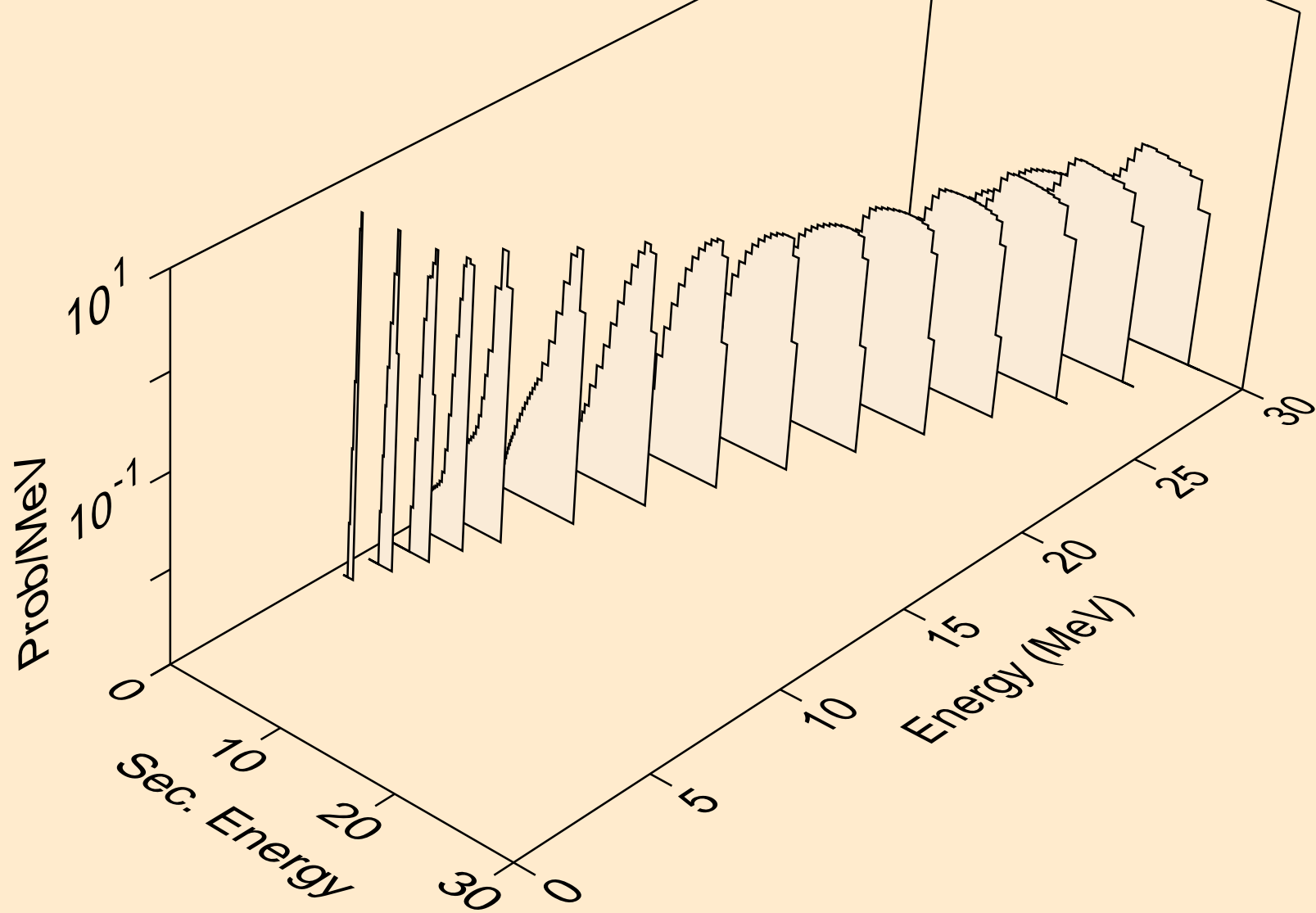
ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



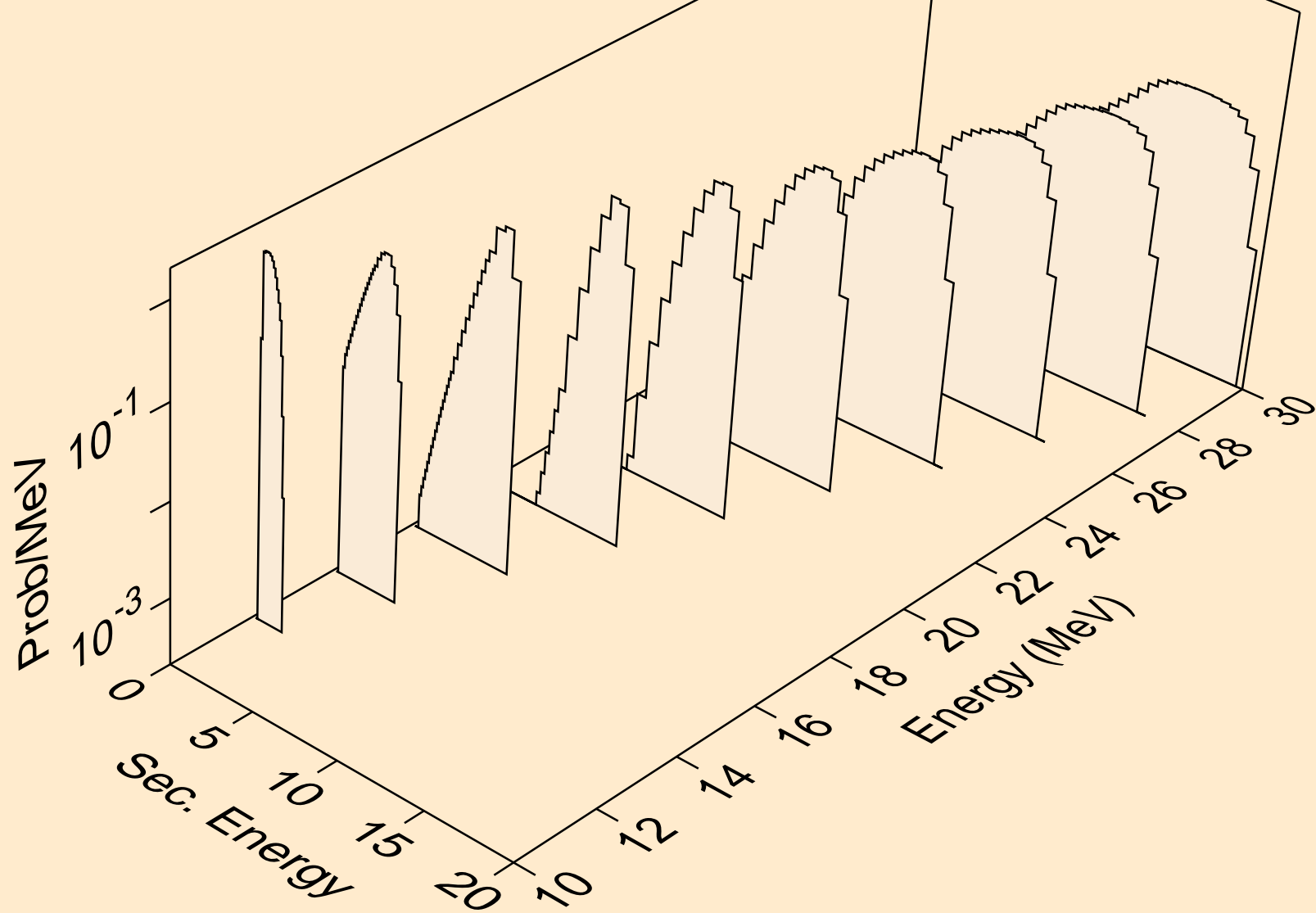
ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



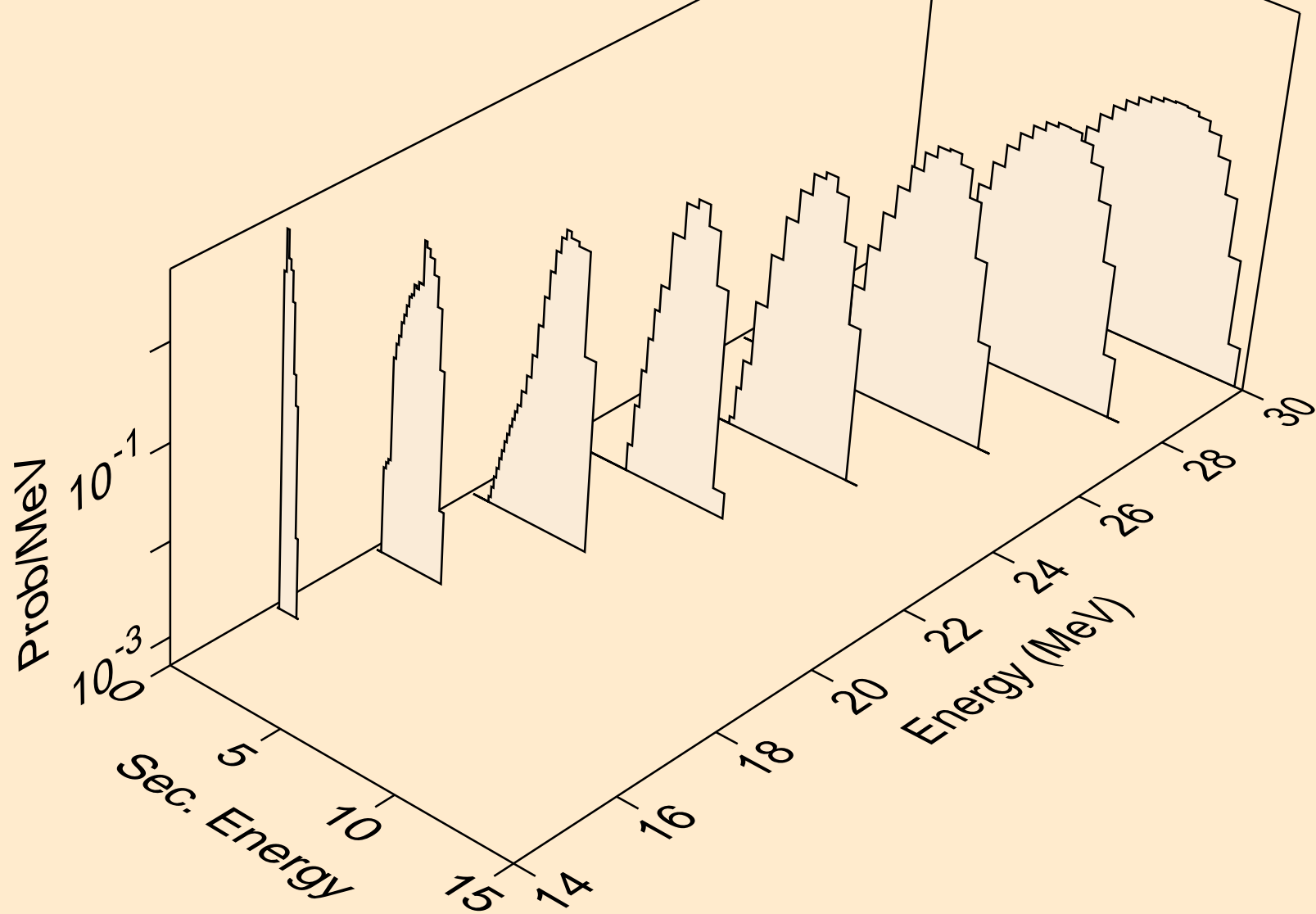
ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



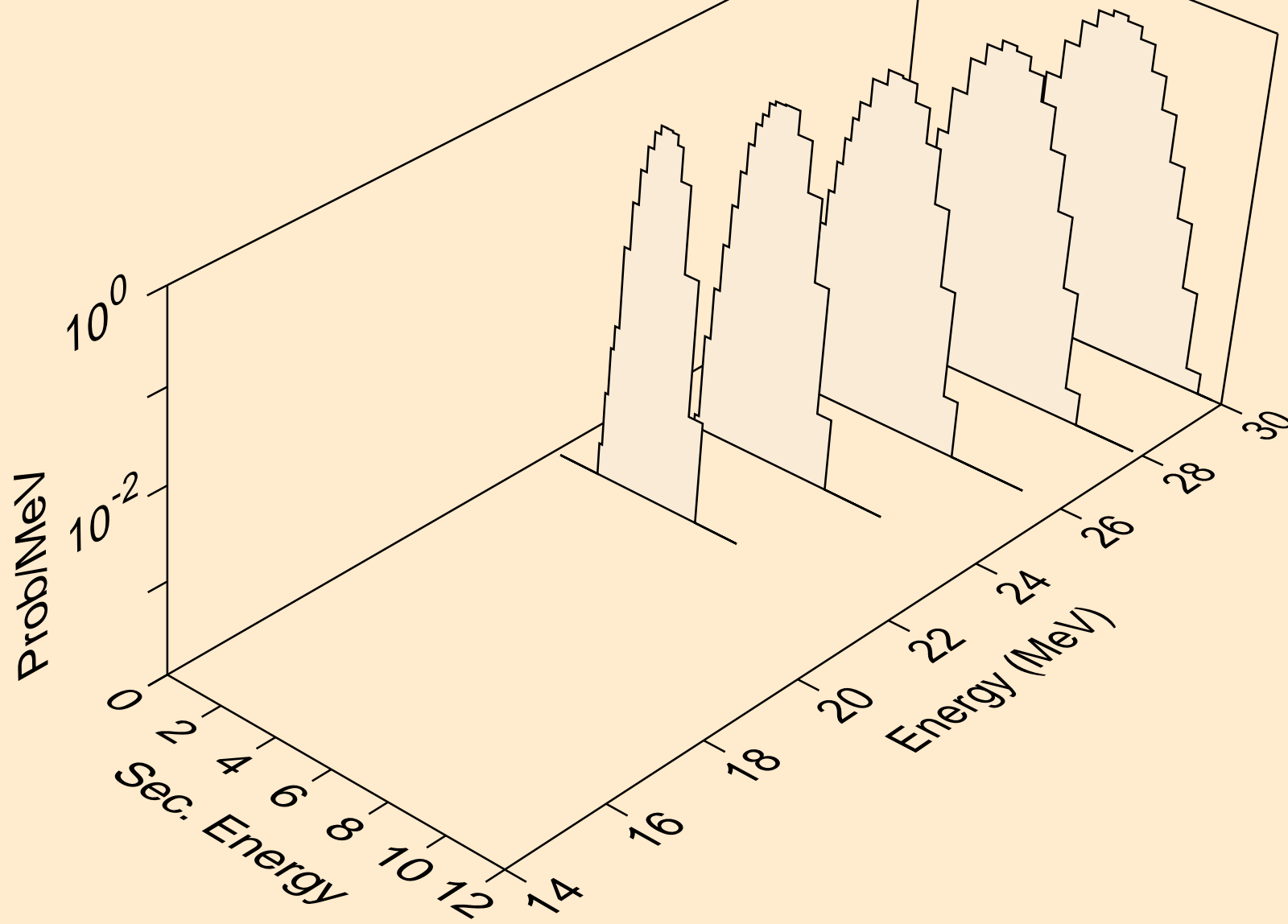
ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



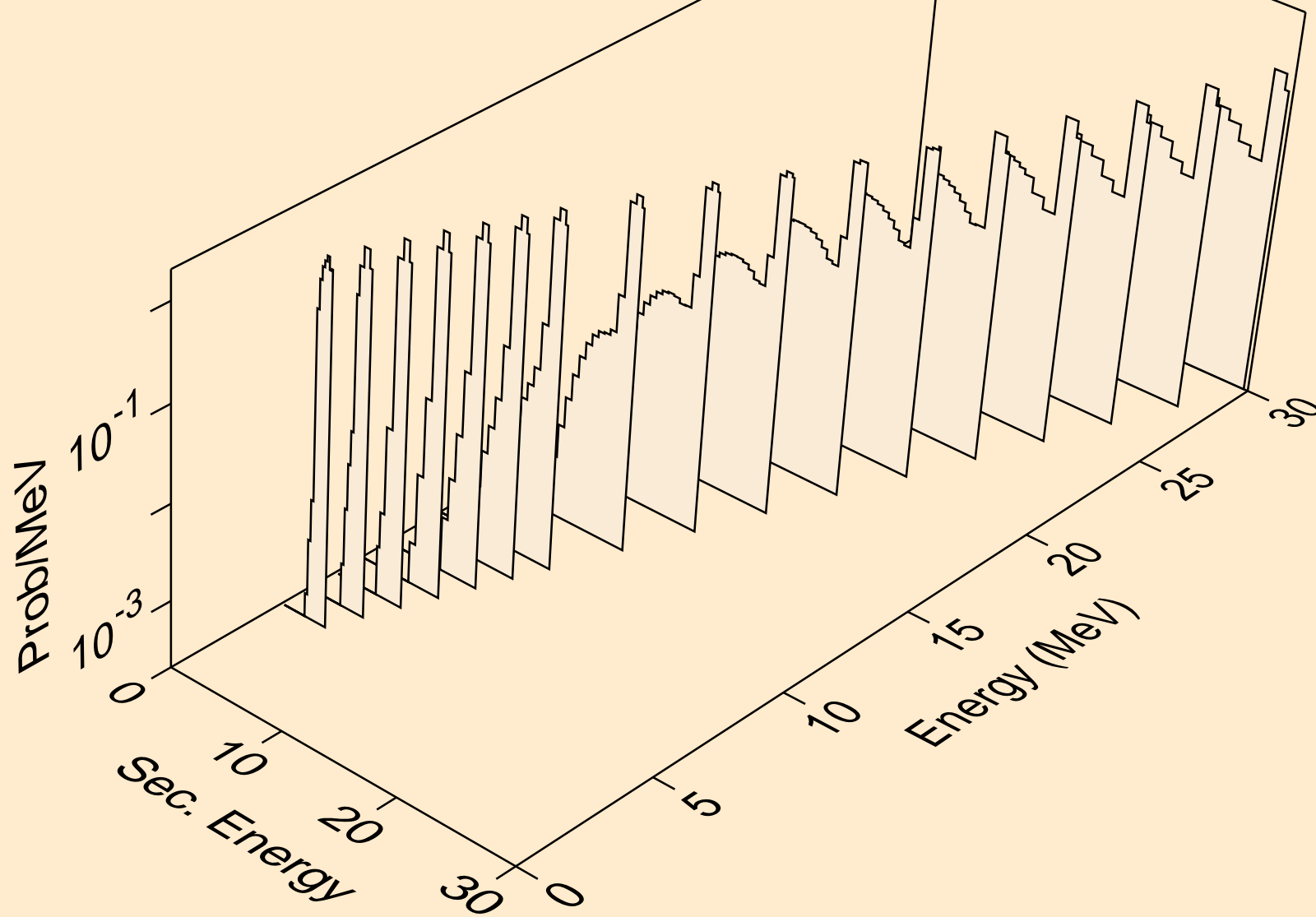
ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,3np)



ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)

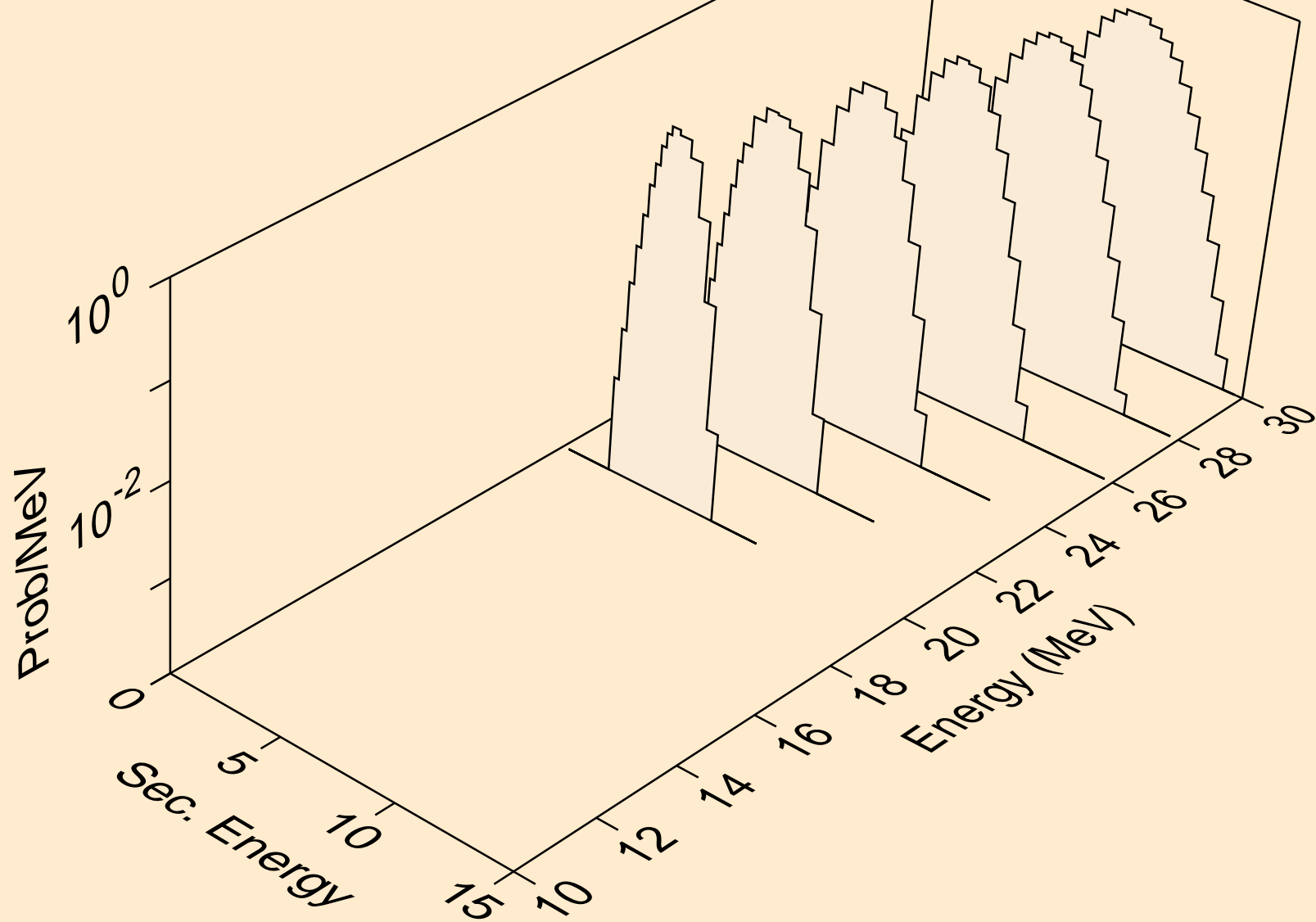


ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

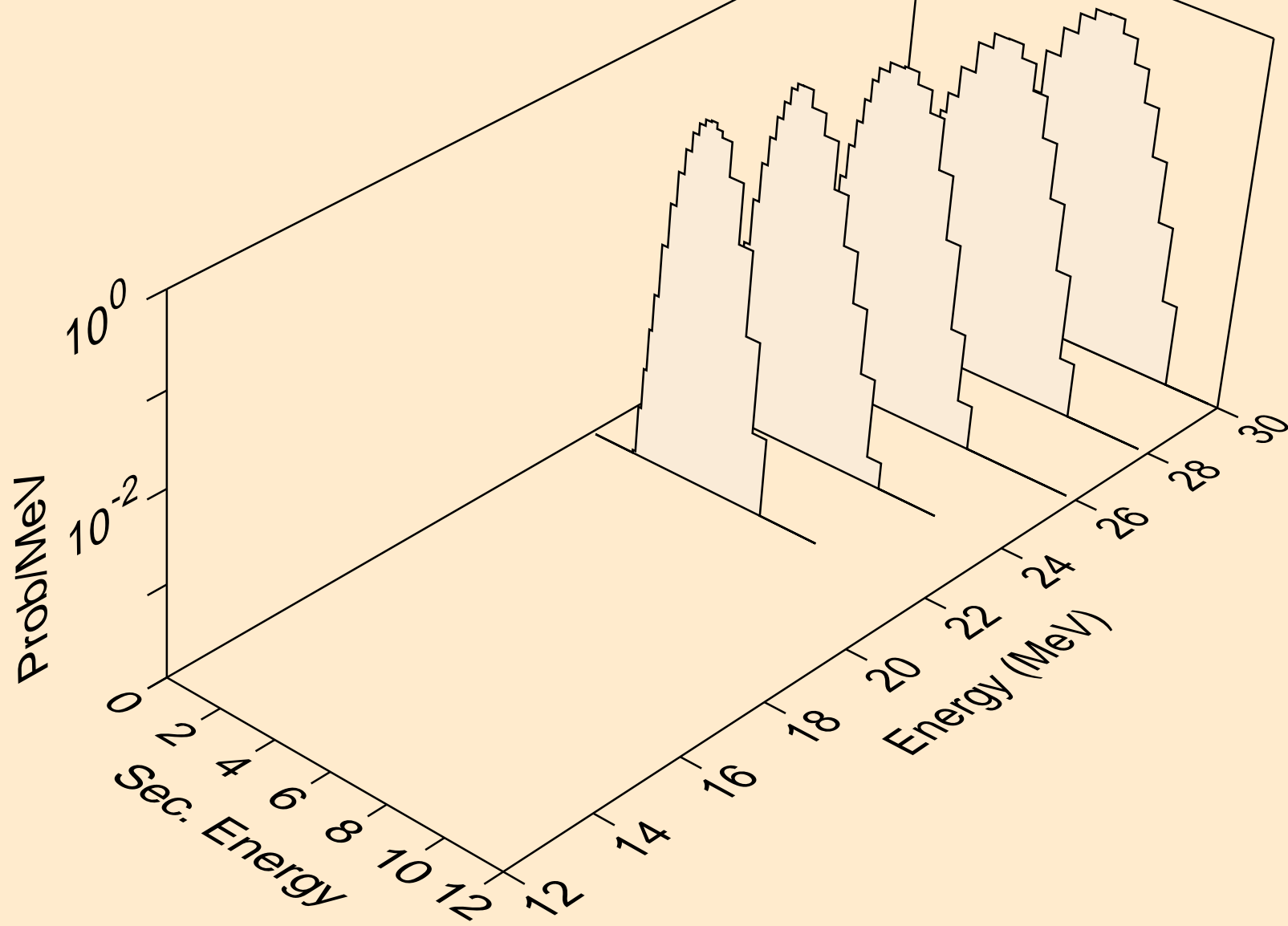




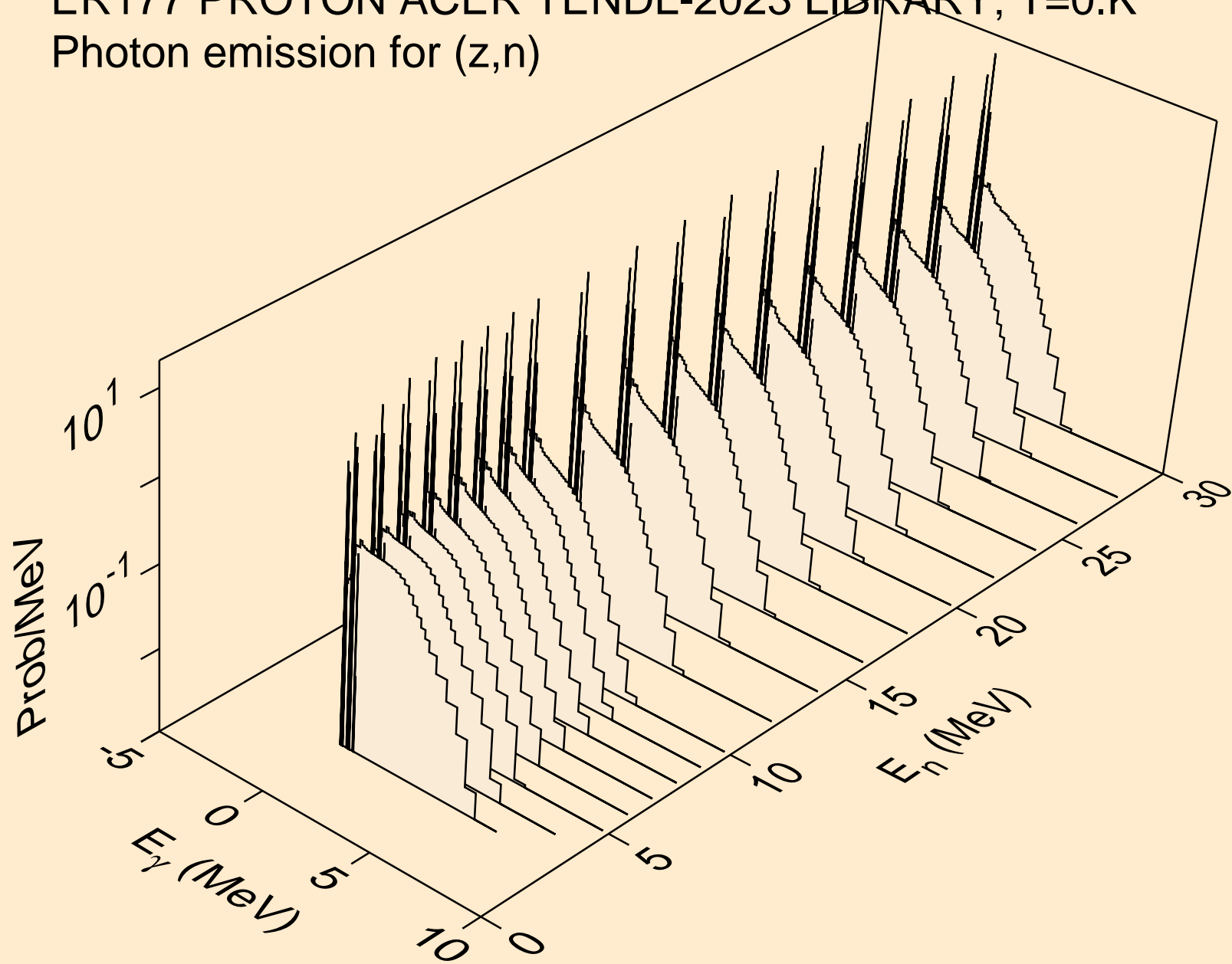
ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)



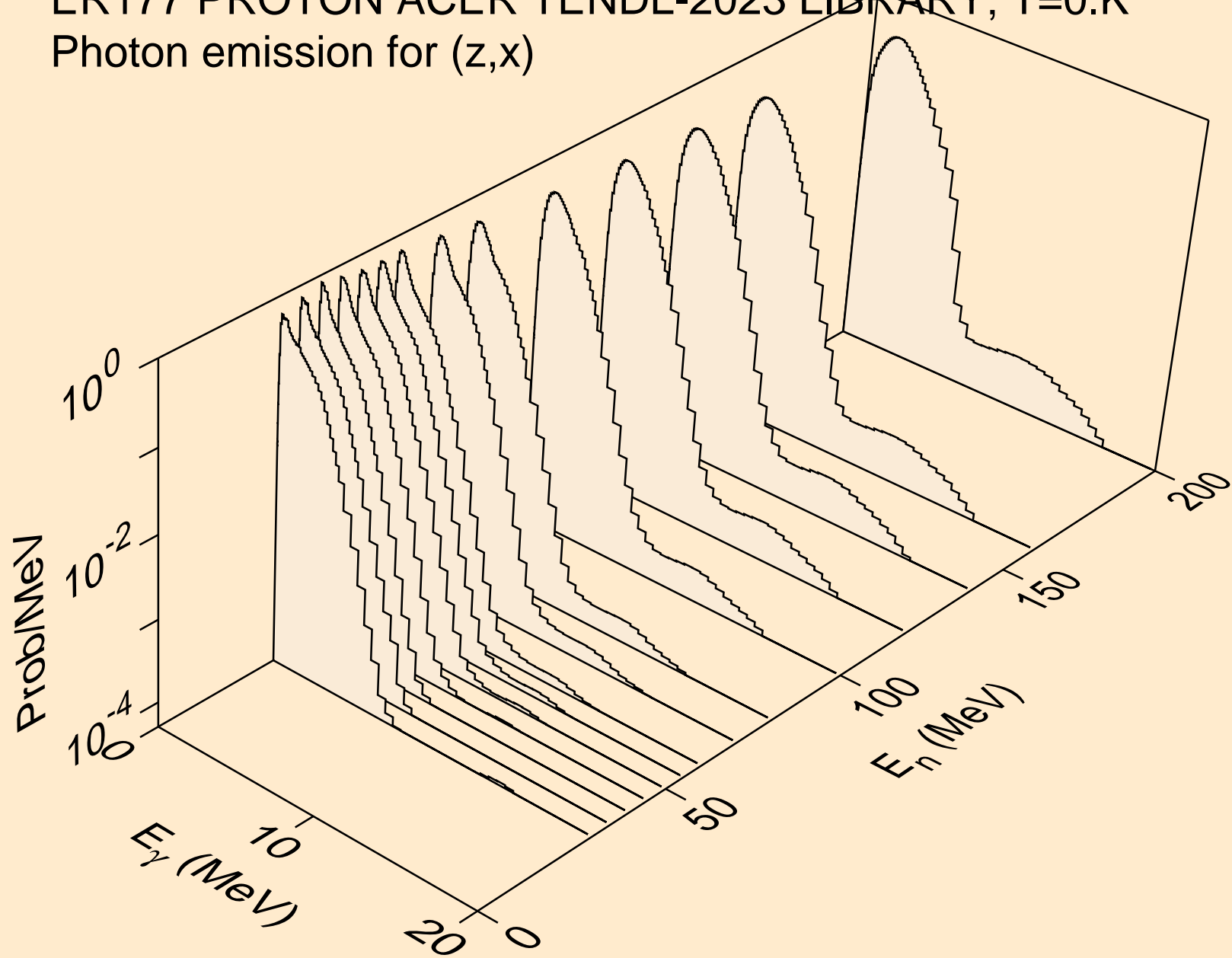
ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pd)



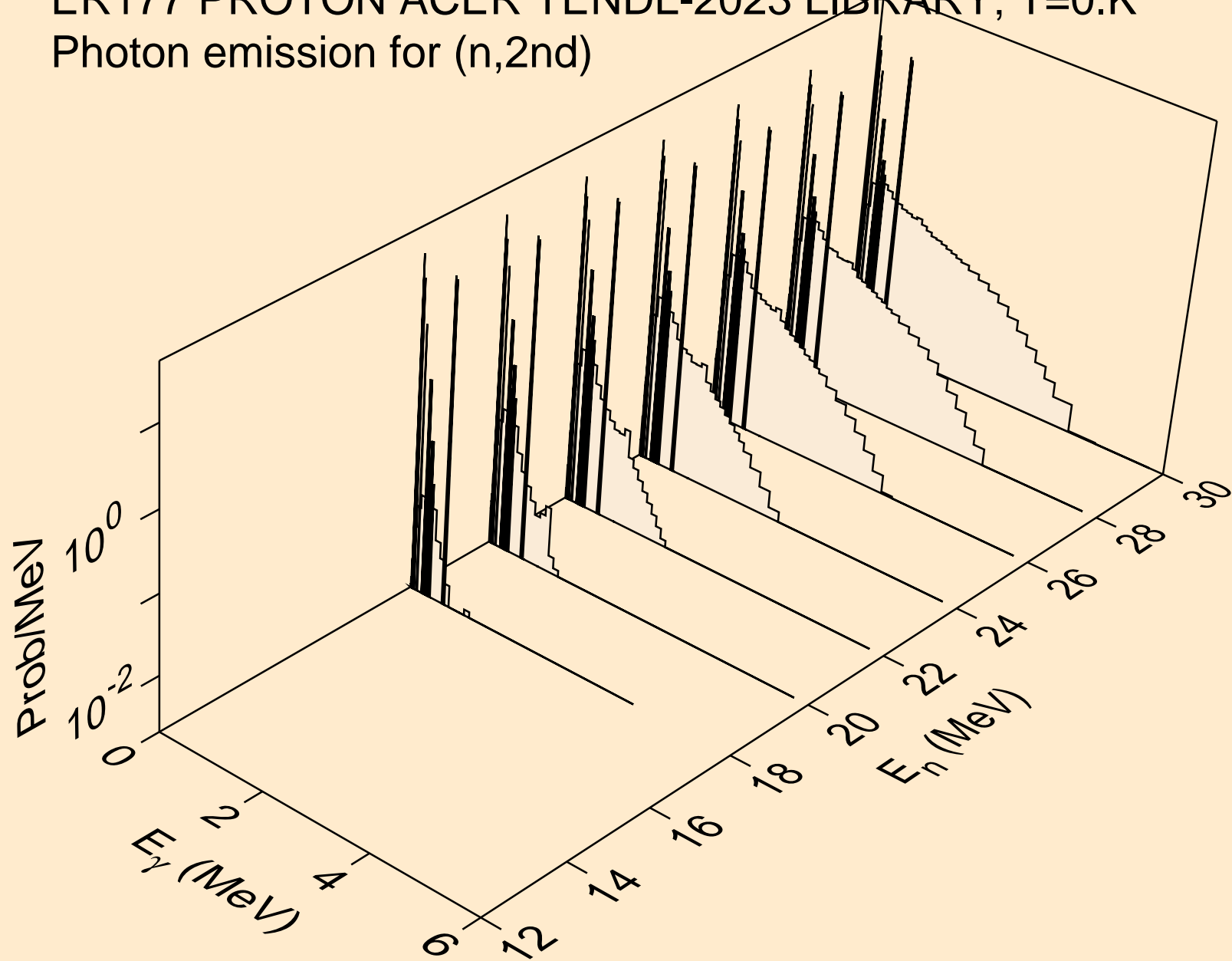
ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



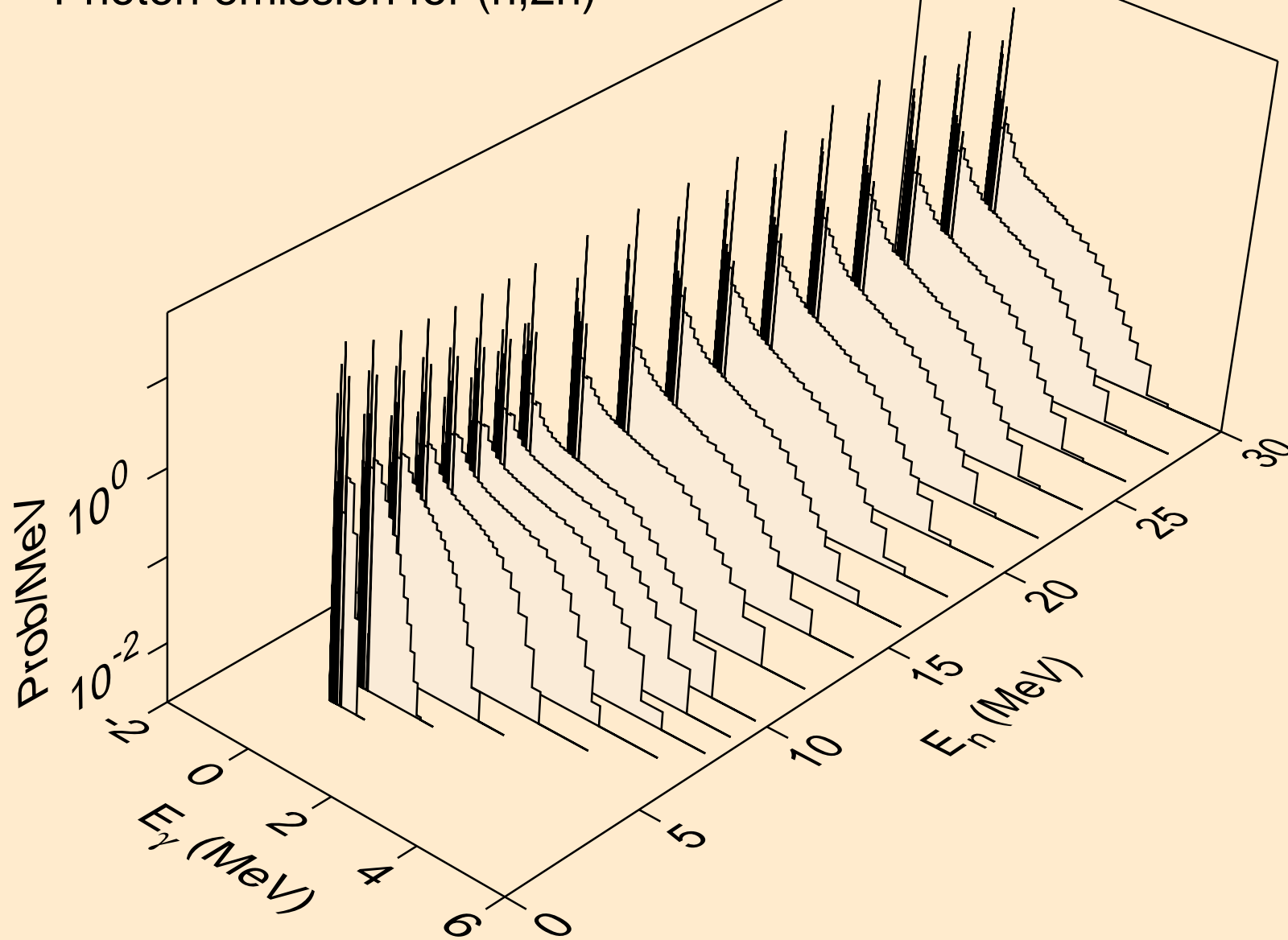
ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



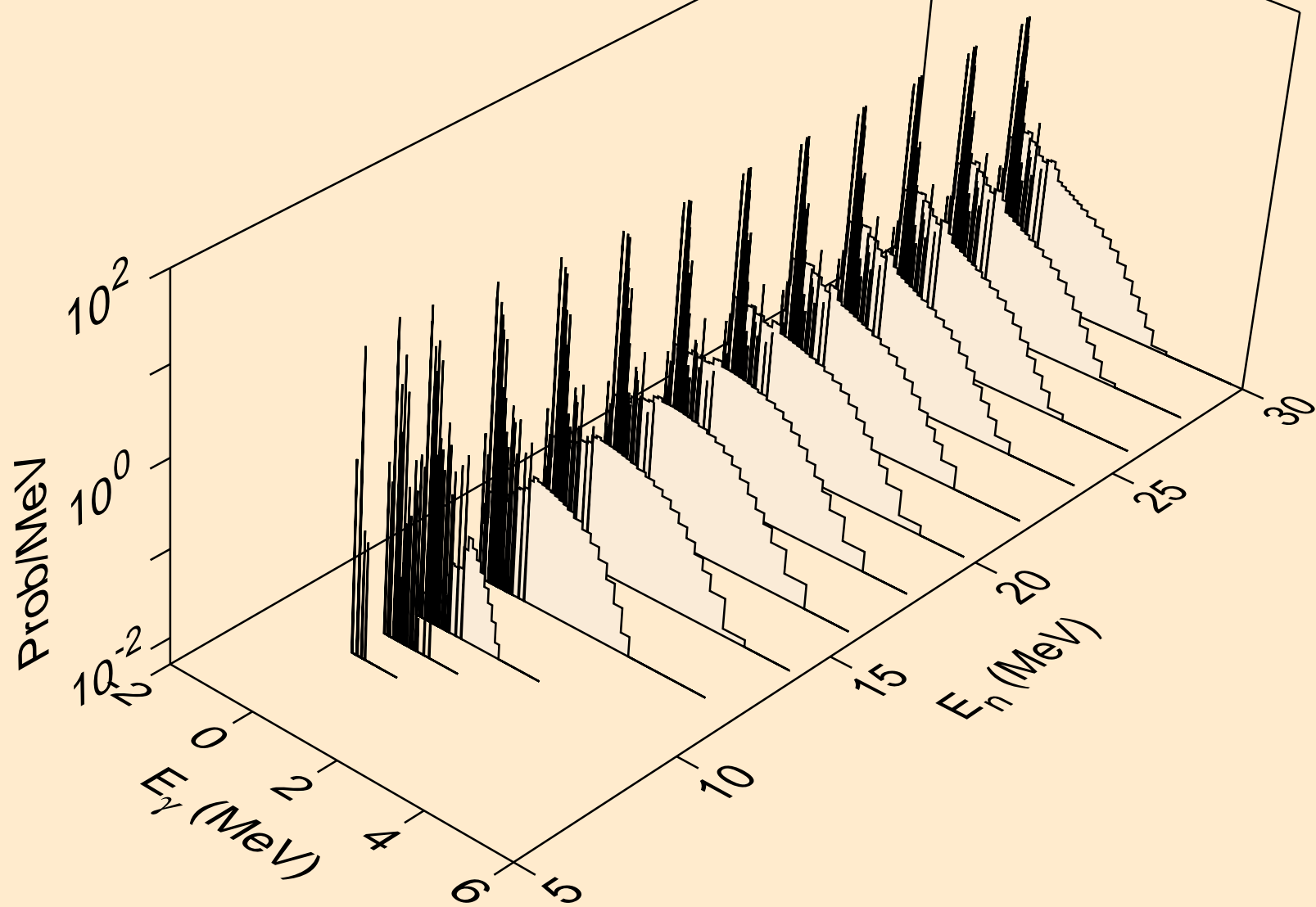
ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



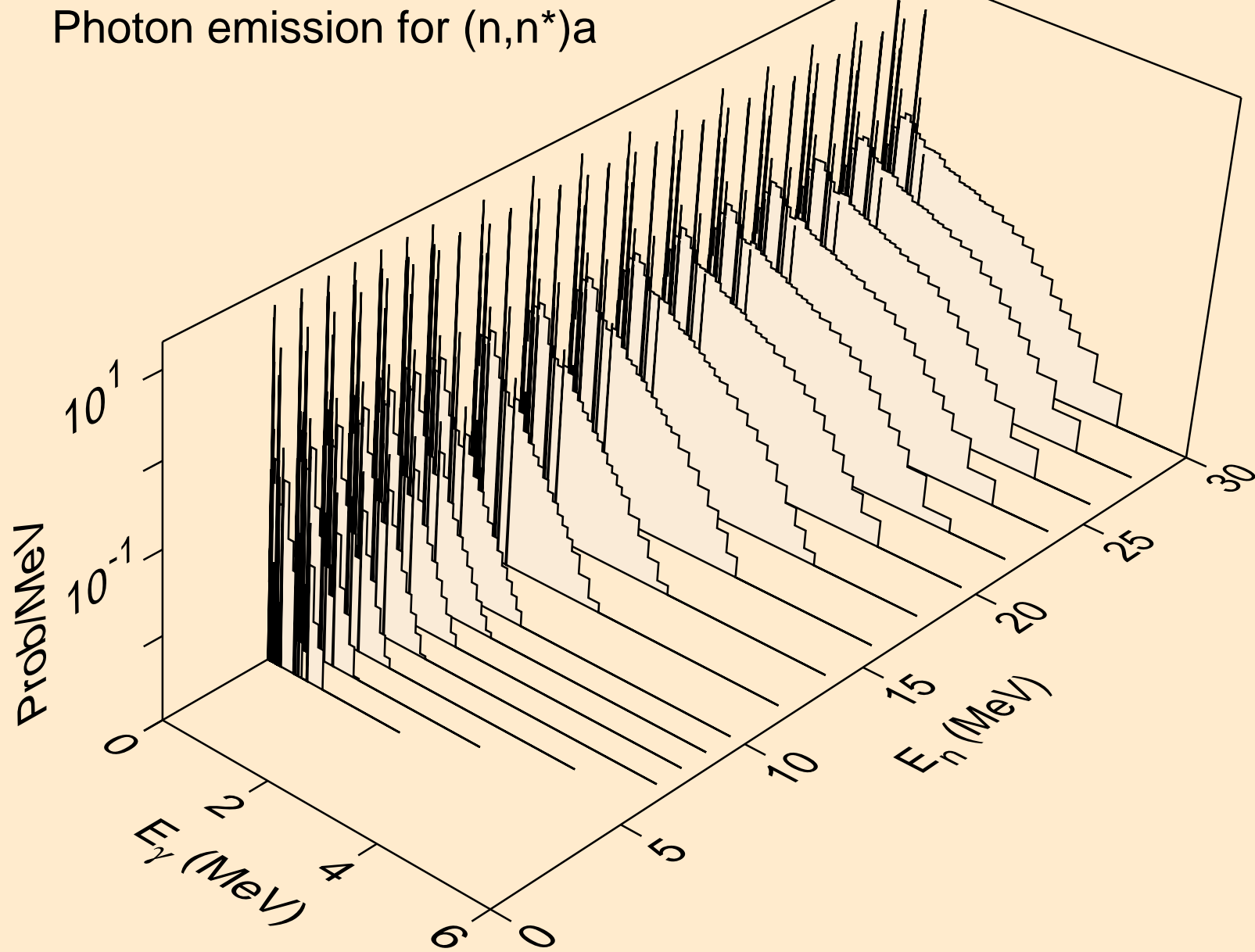
ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)

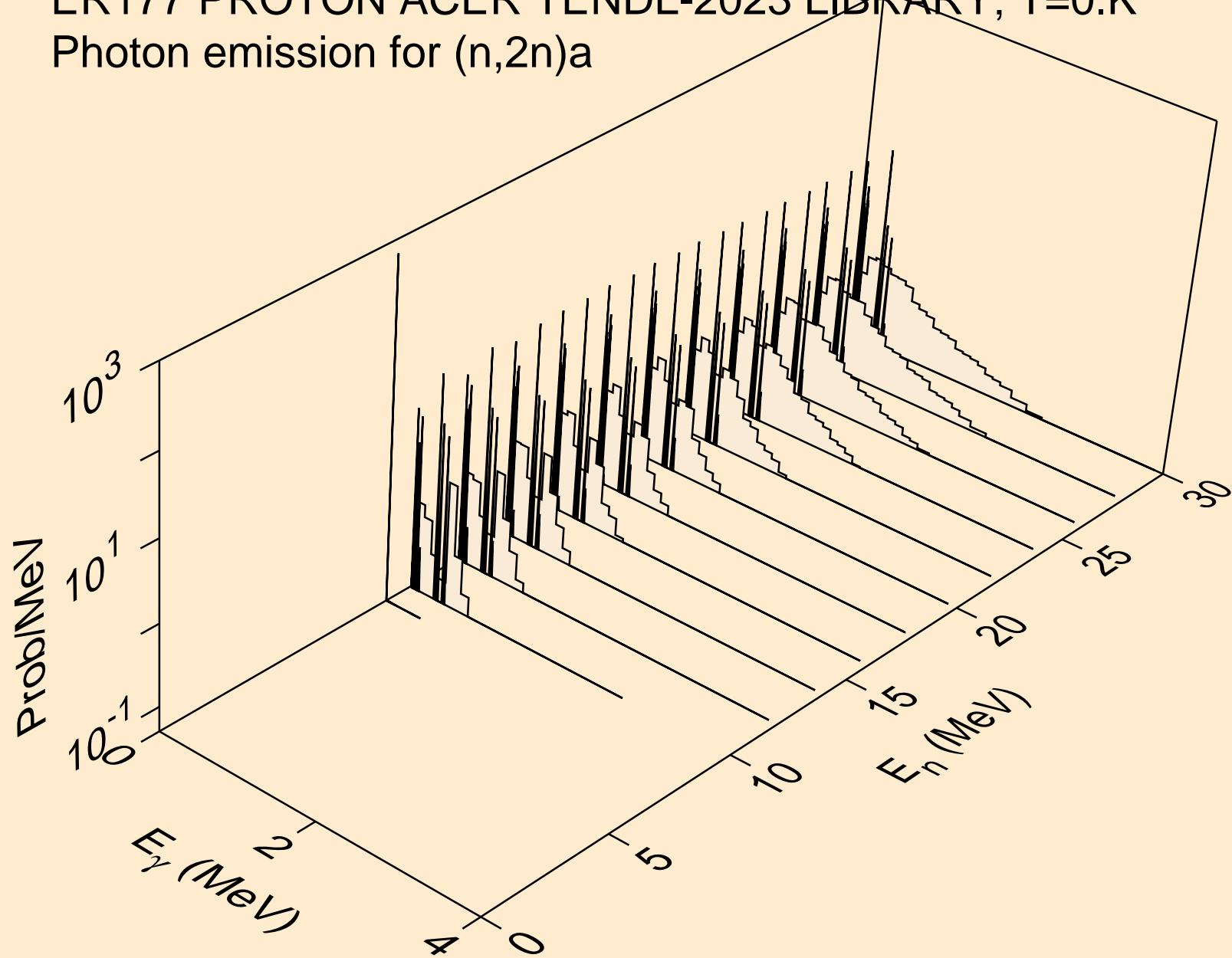


ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

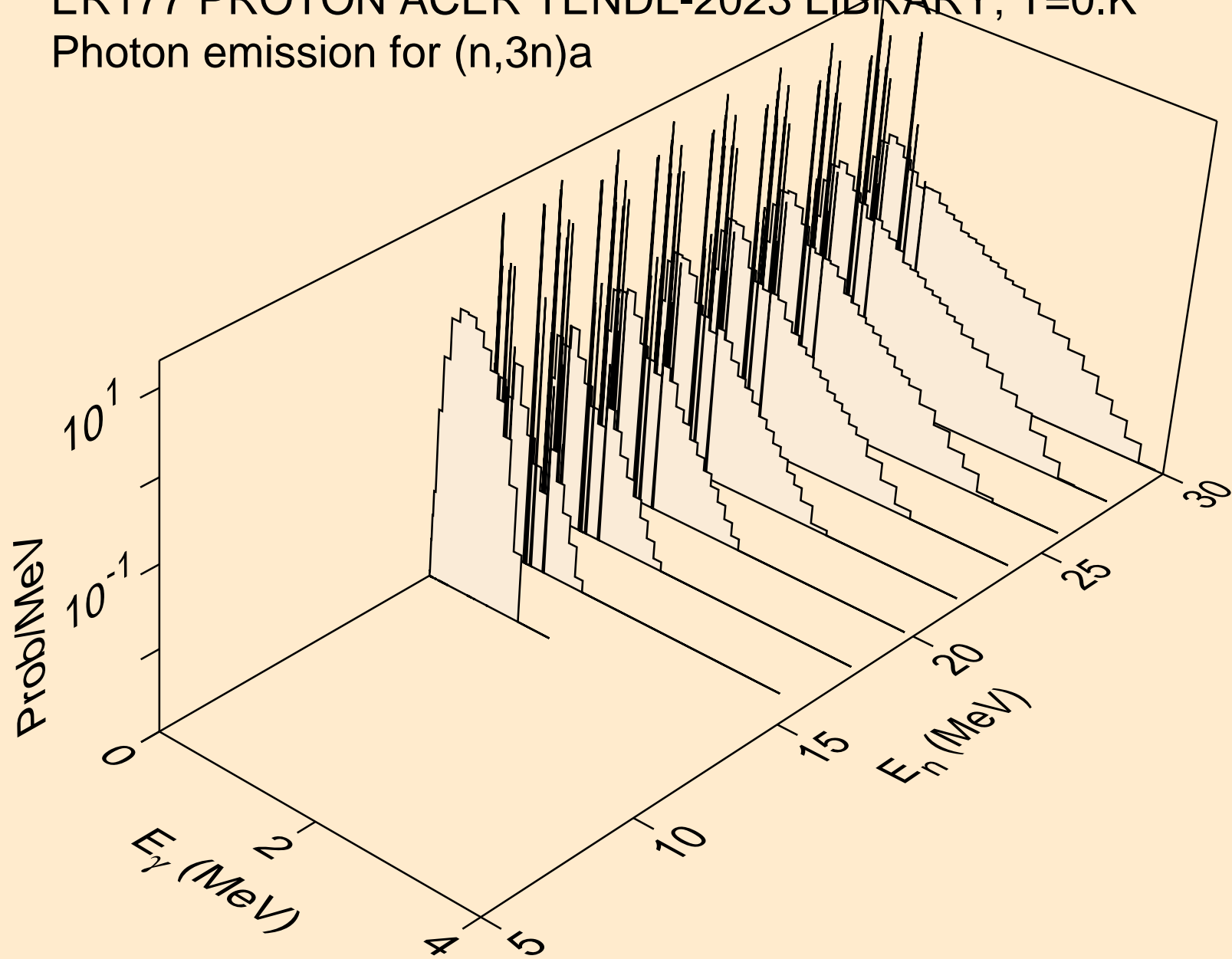




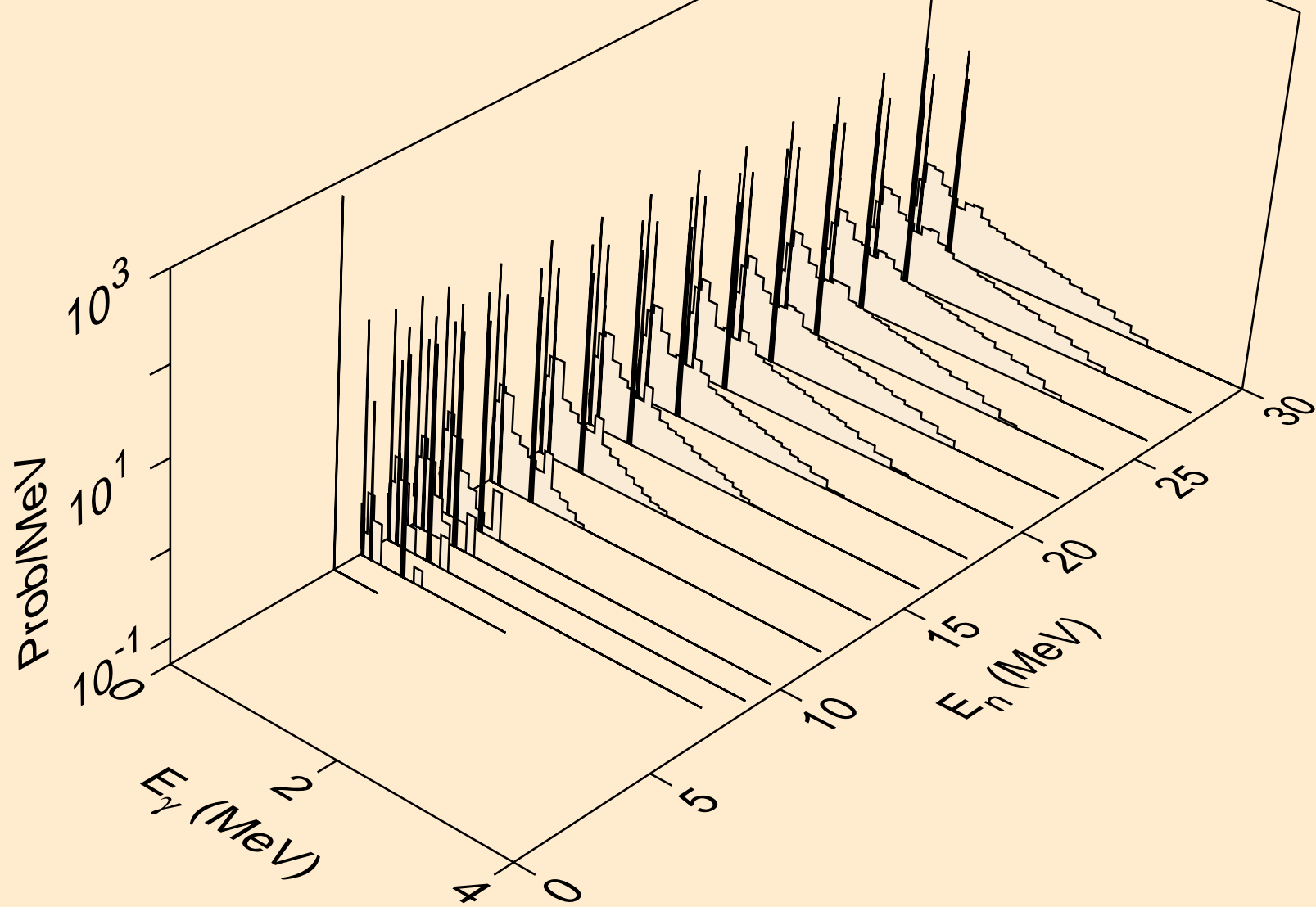
ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



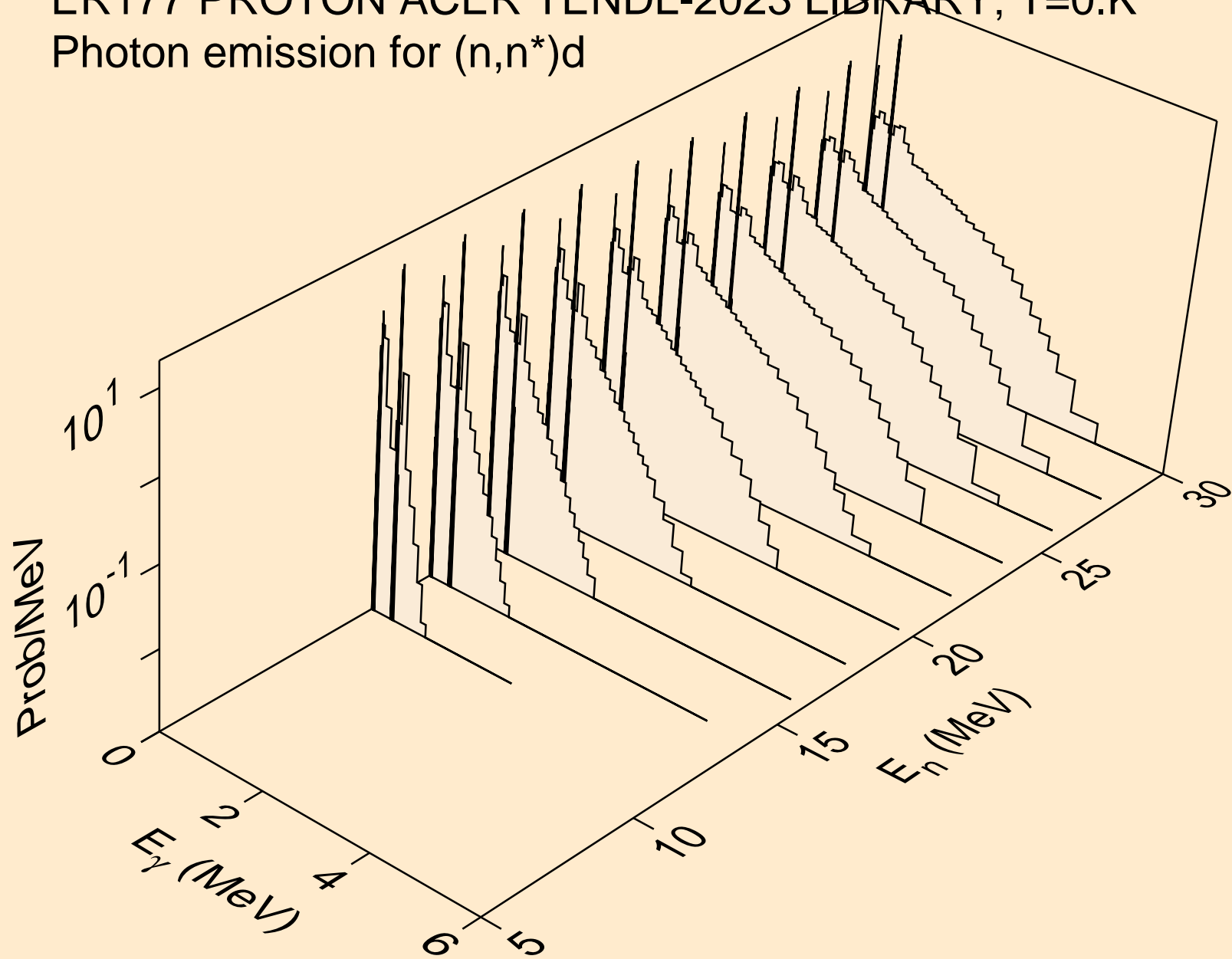
ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



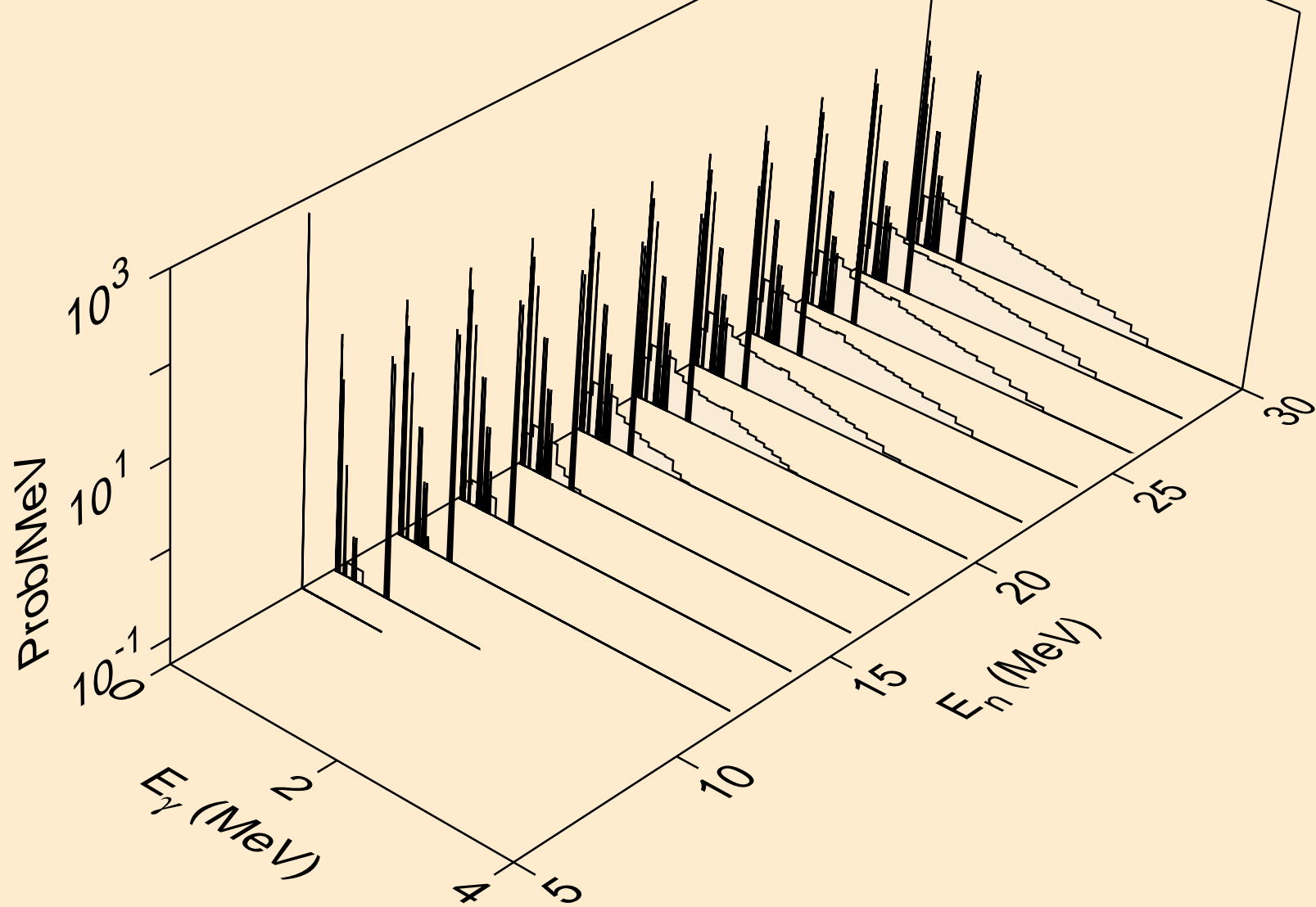
ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



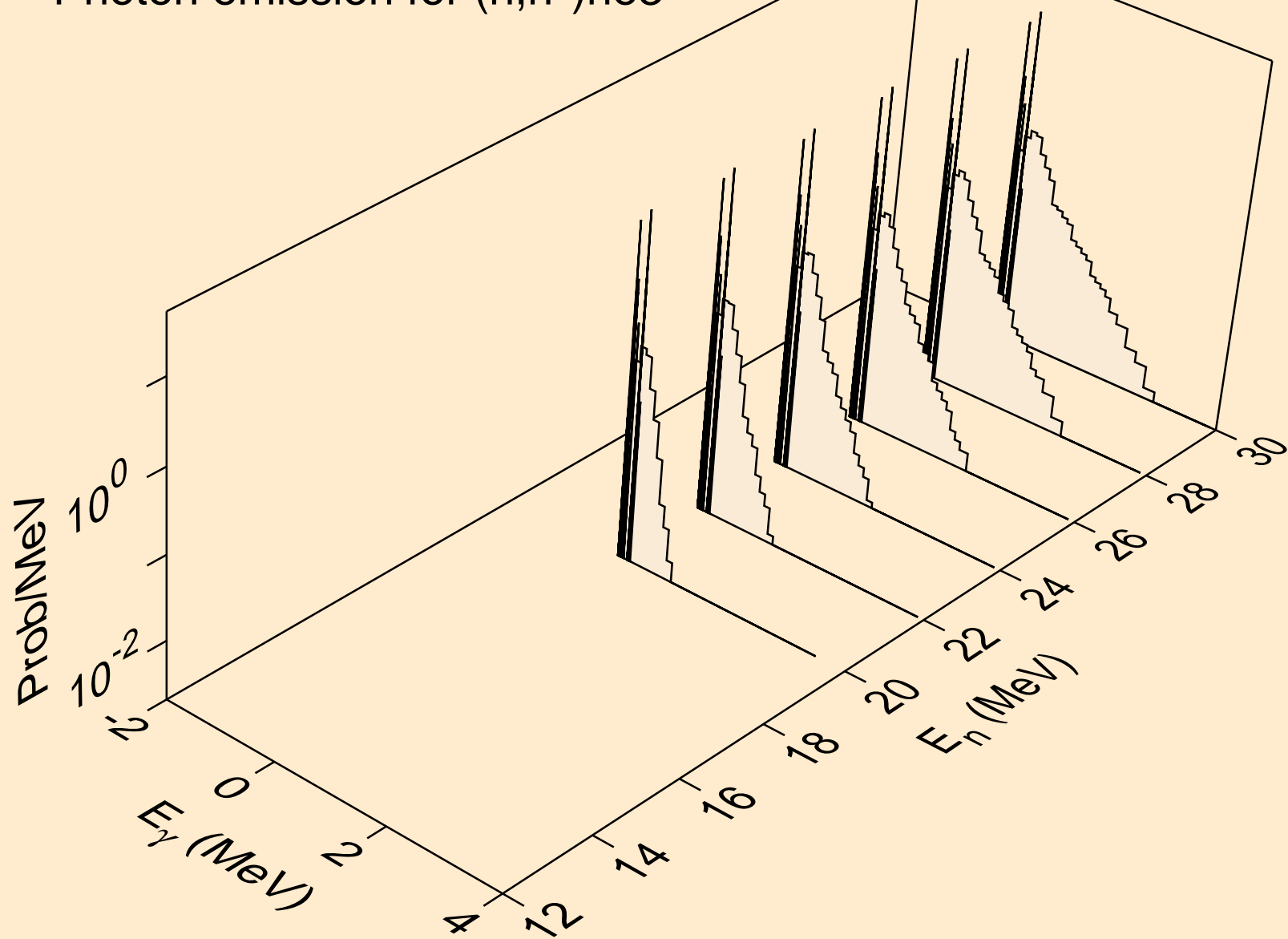
ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



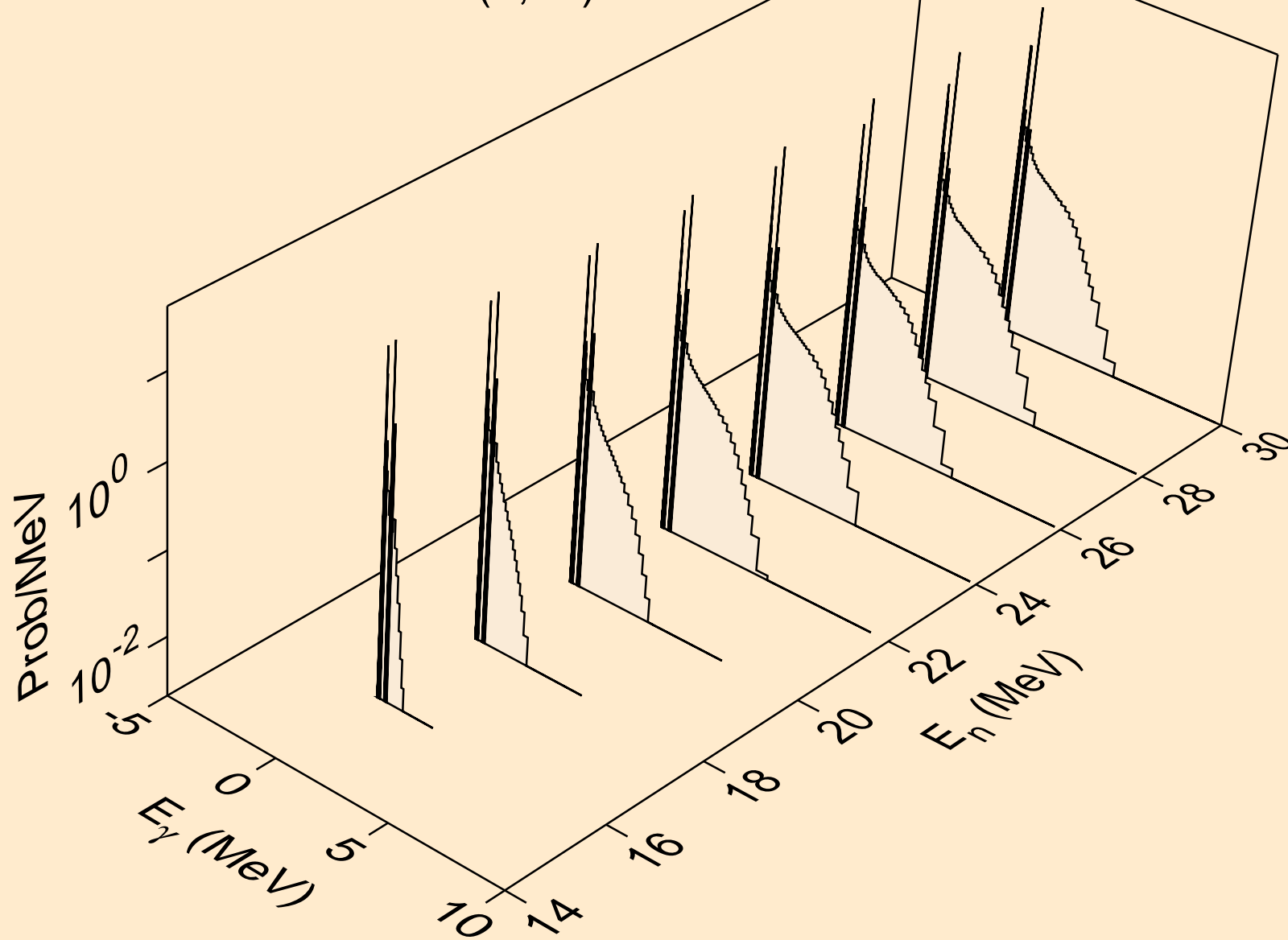
ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



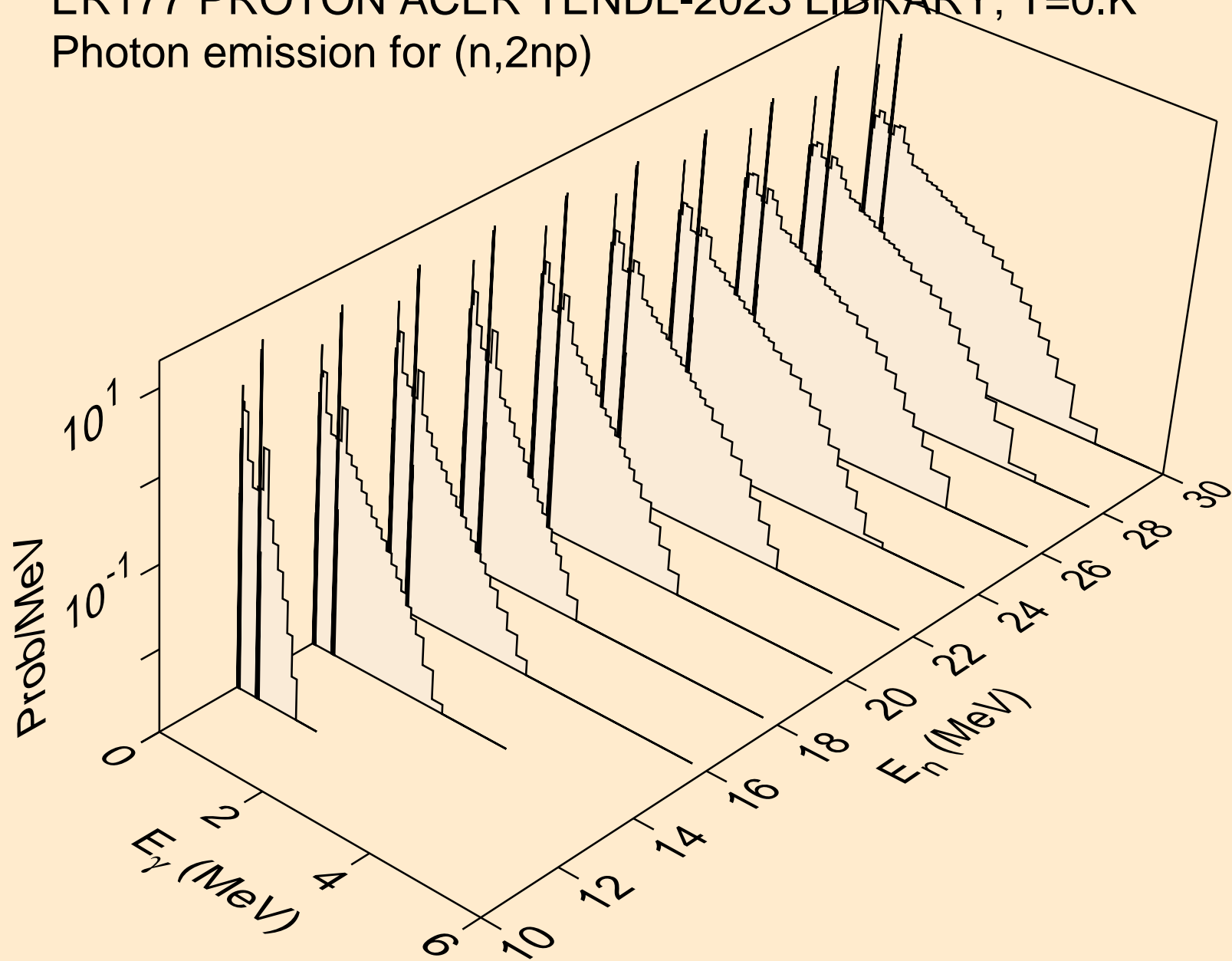
ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)

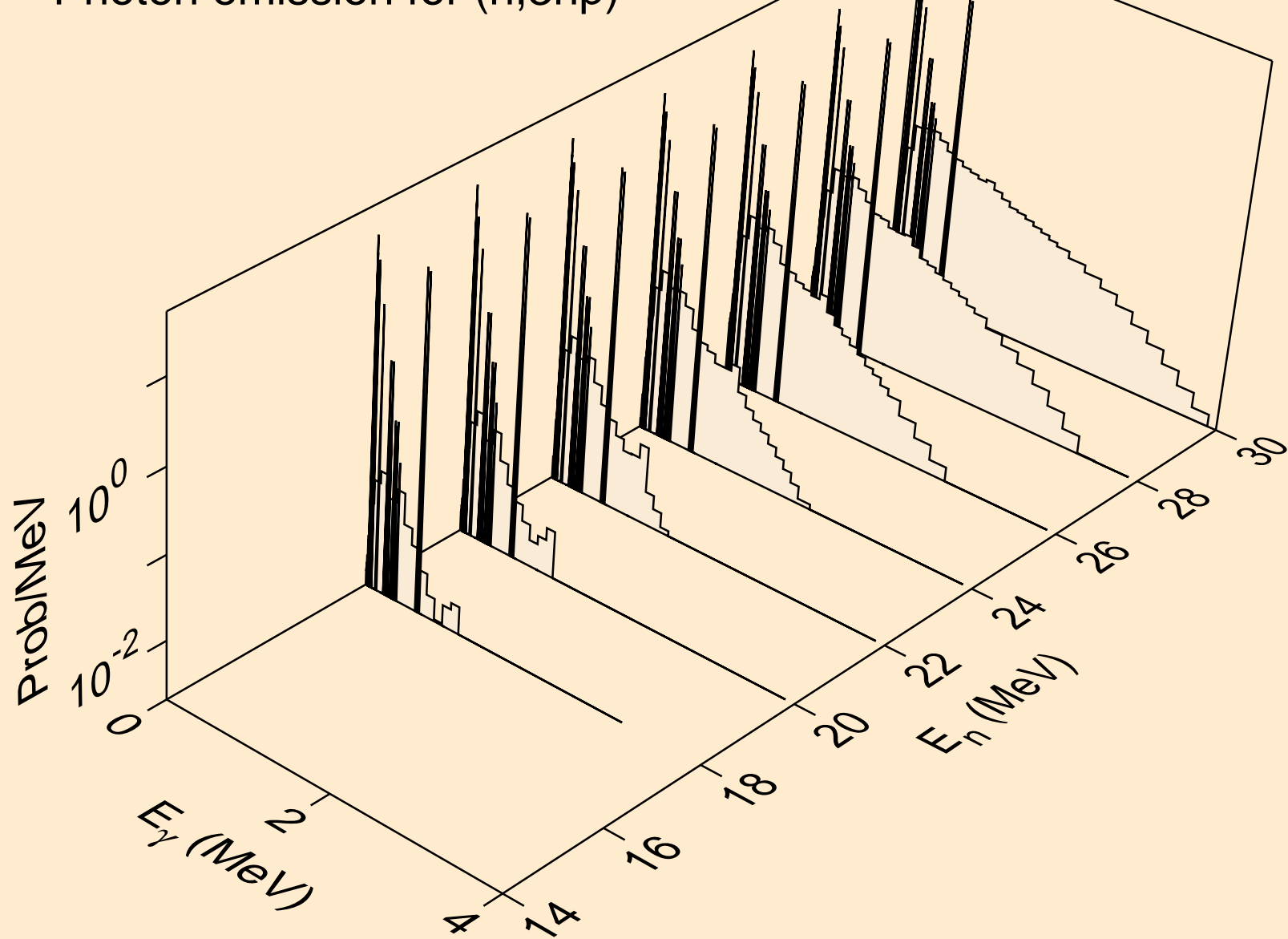


ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

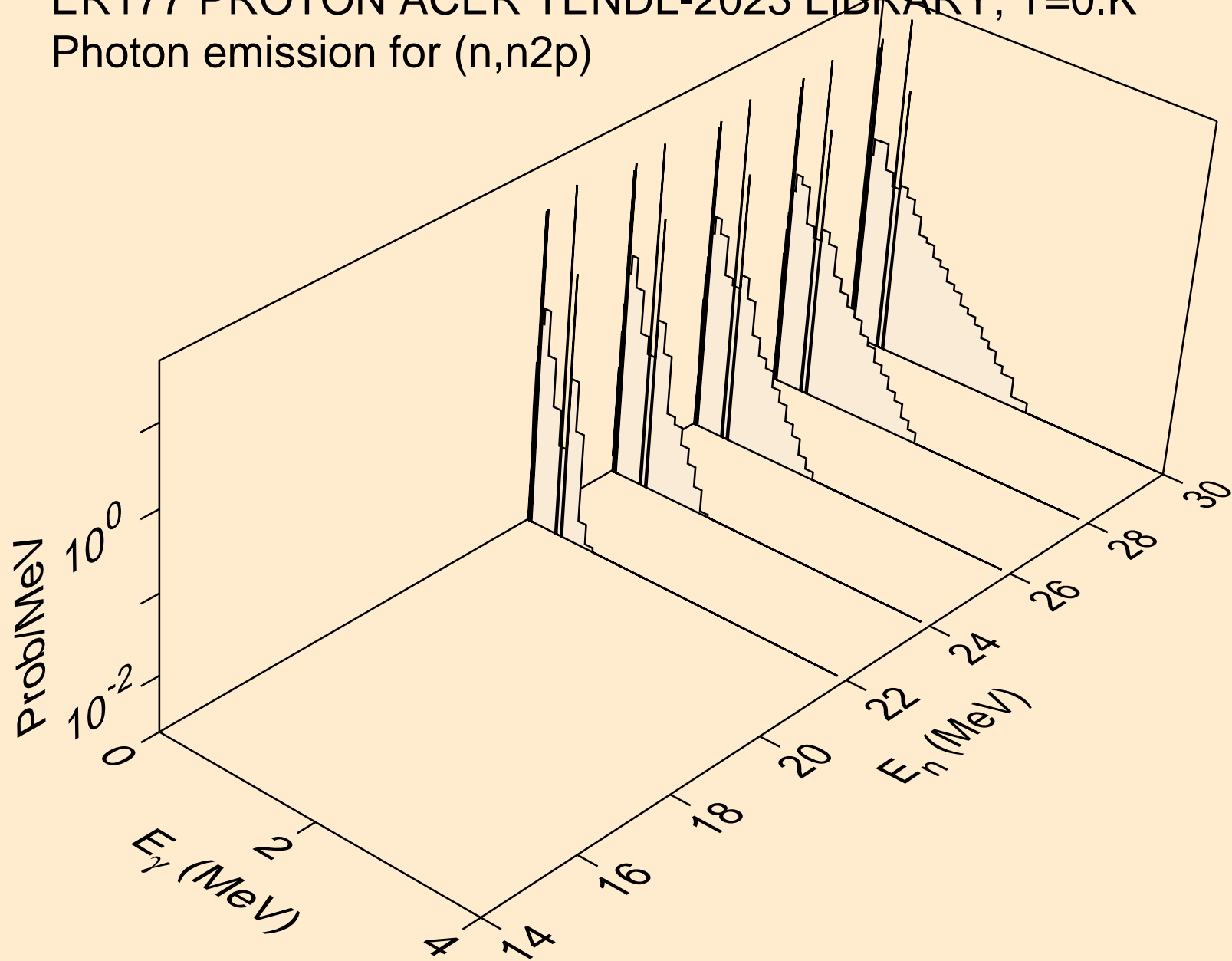




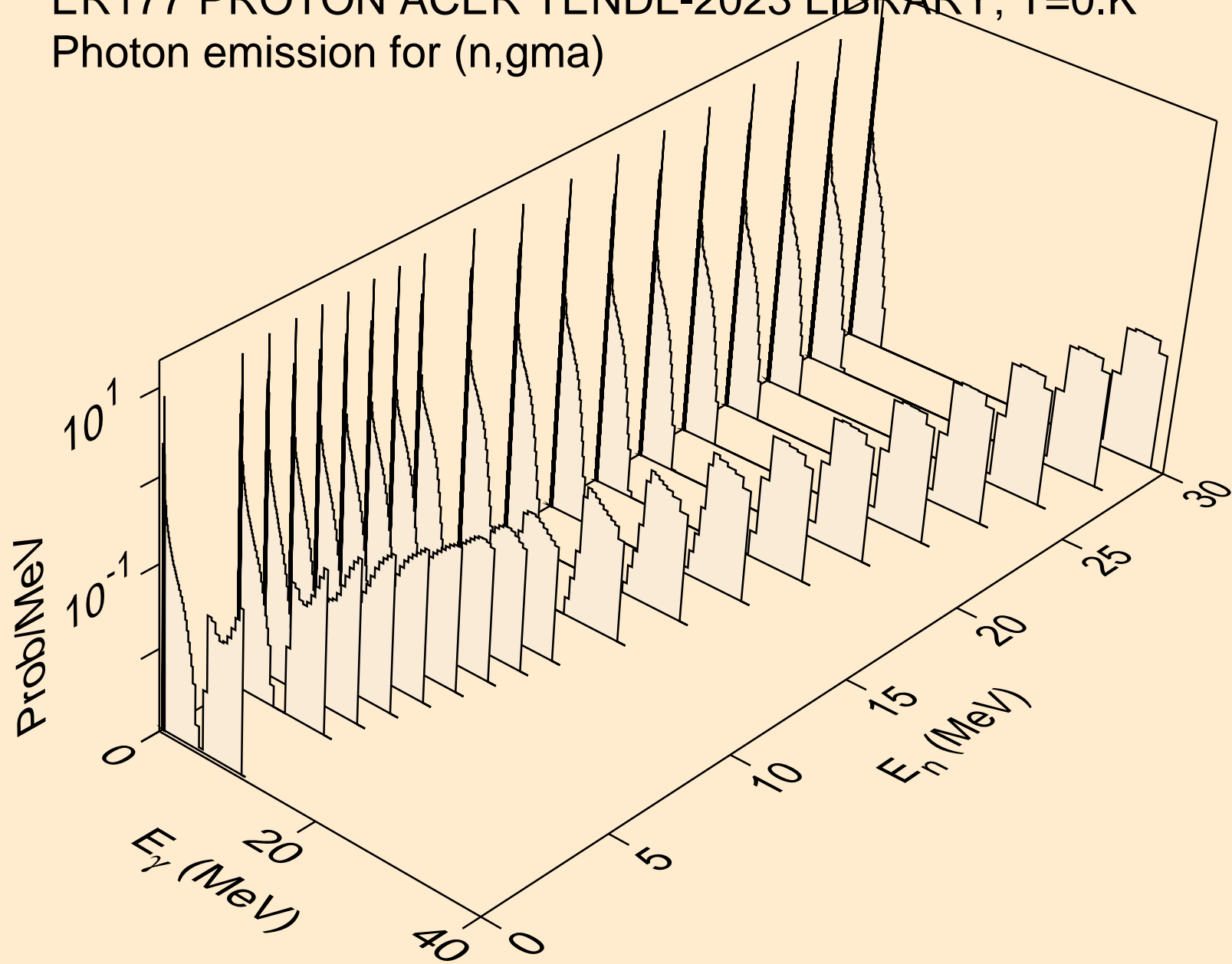
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Photon emission for (n,3np)



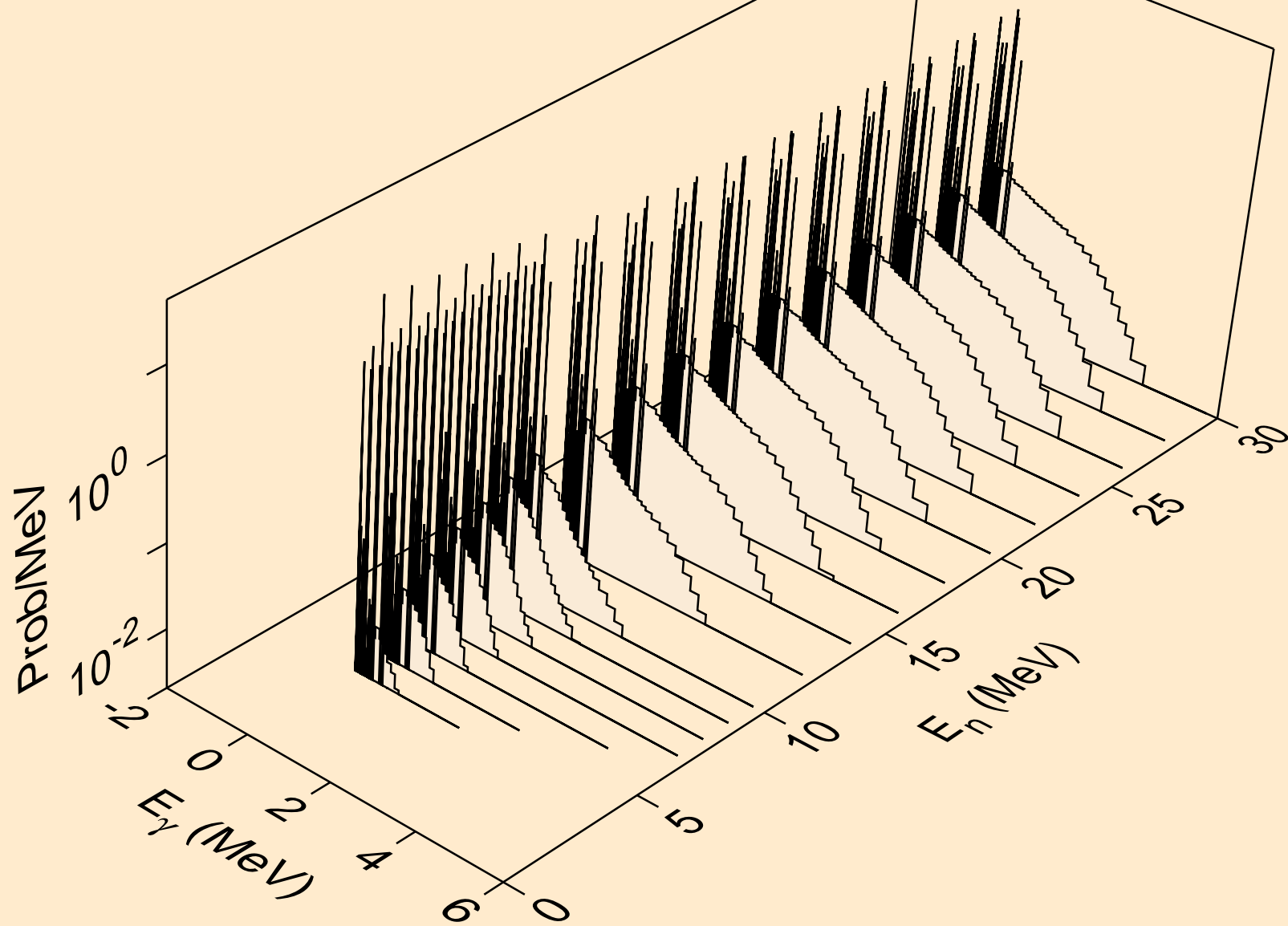
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Photon emission for (n,n2p)



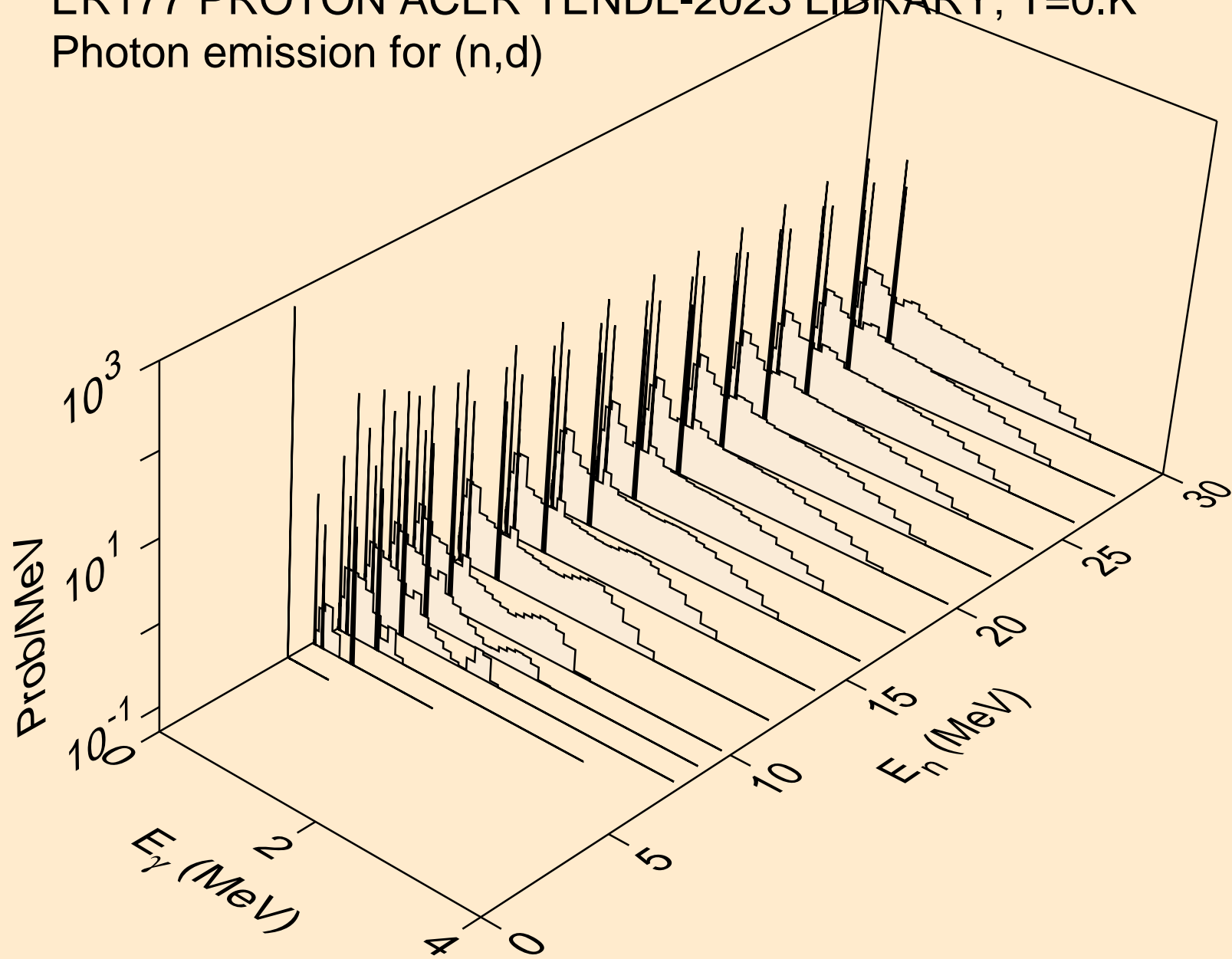
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Photon emission for (n,gma)



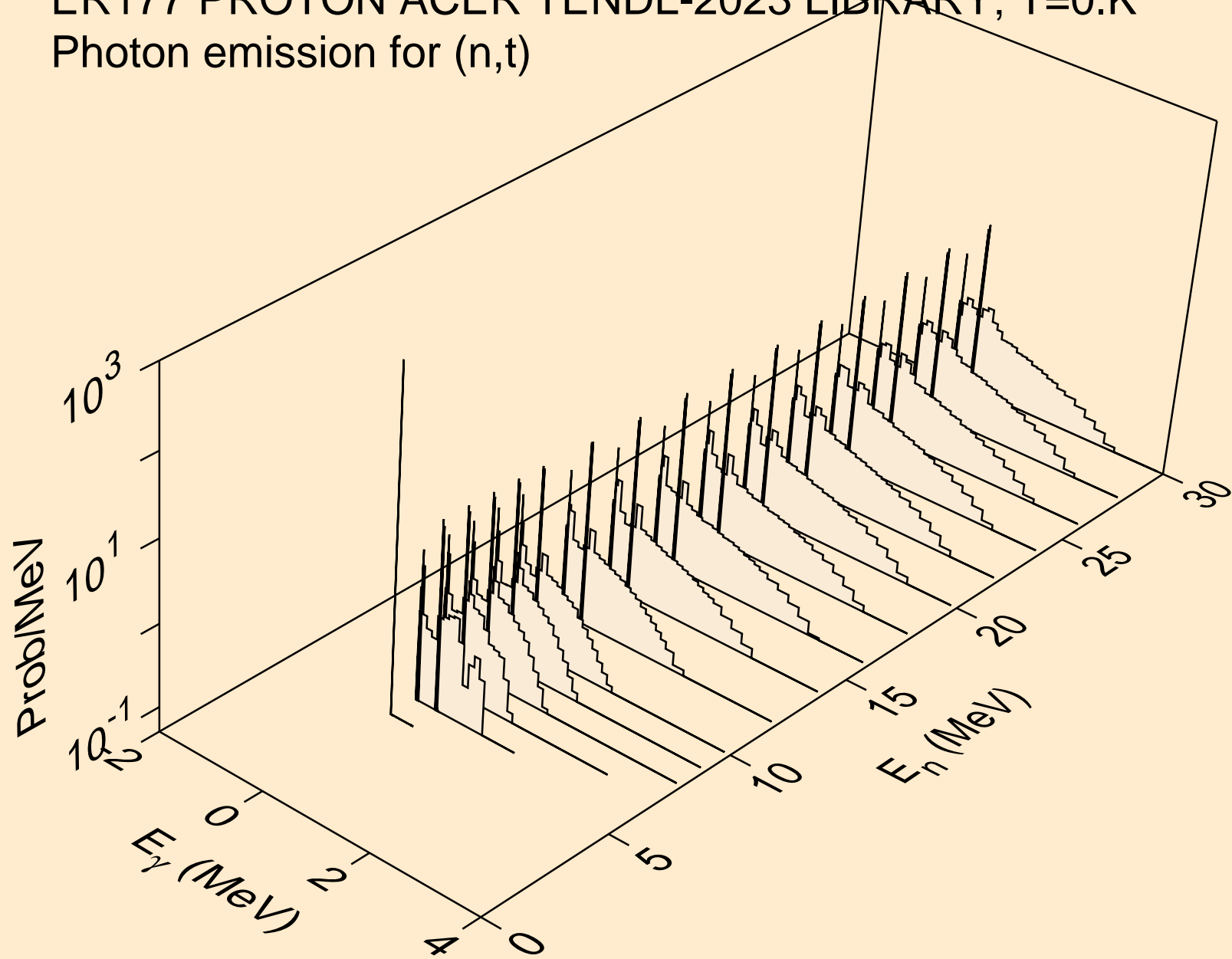
ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



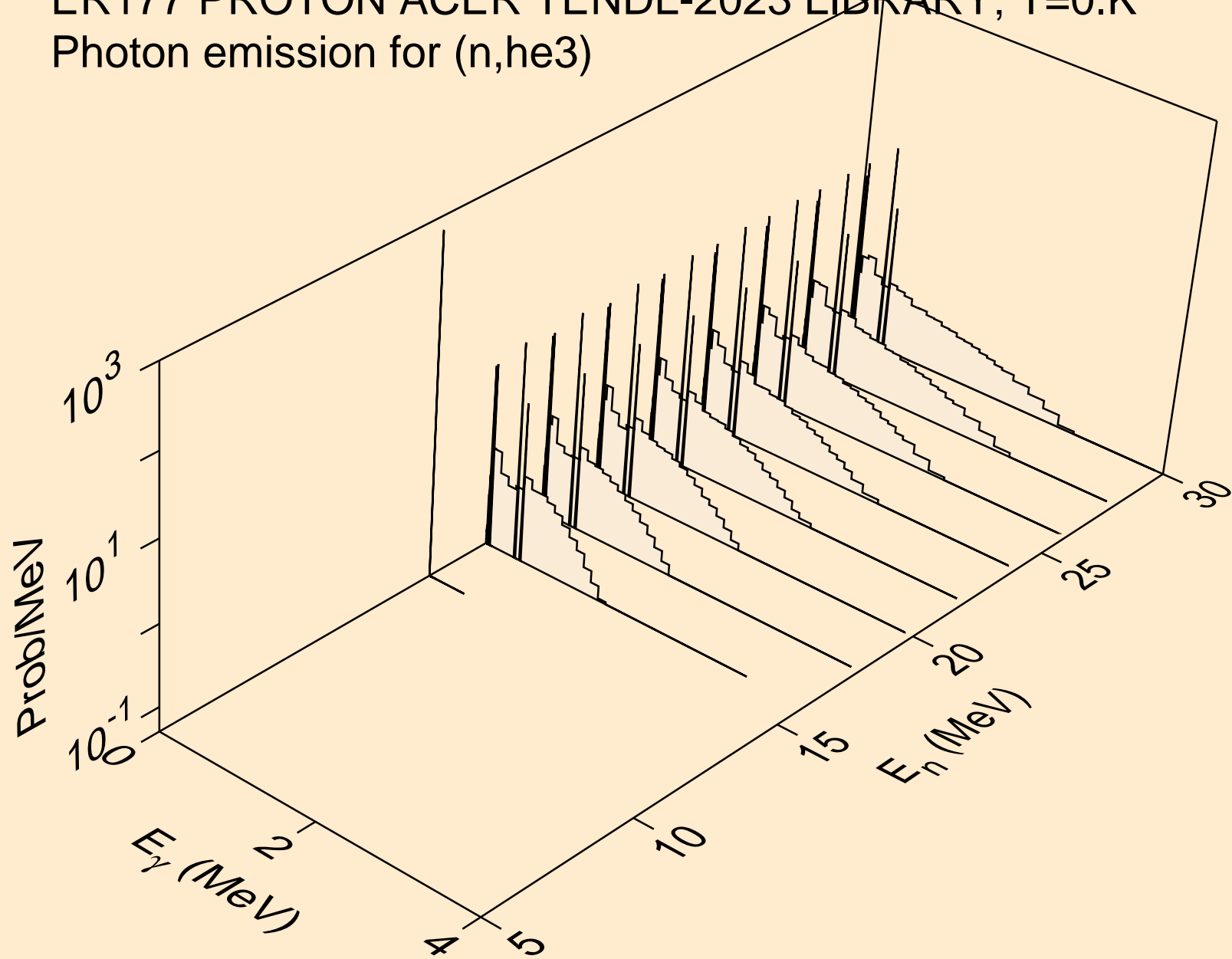
ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



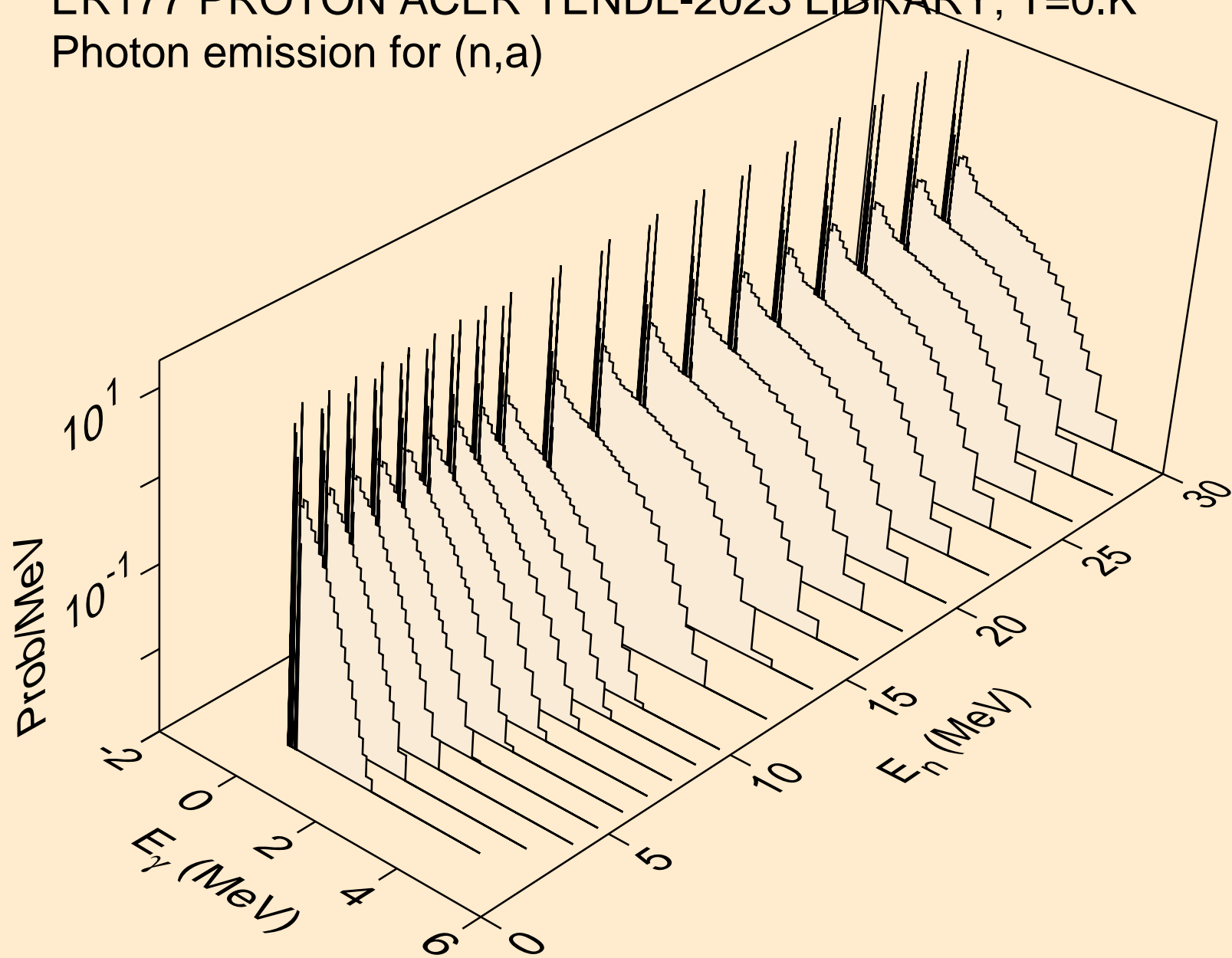
ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)

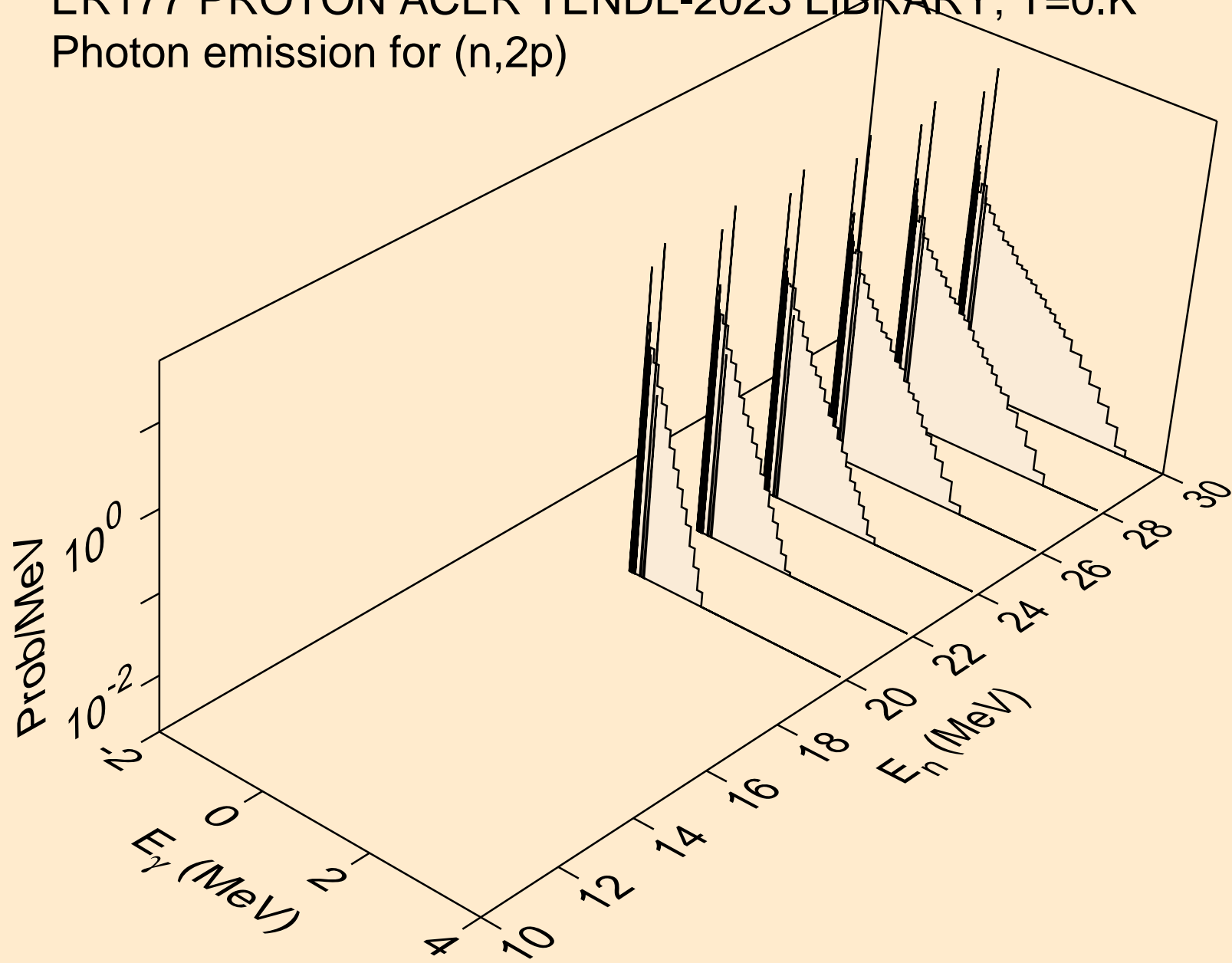


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Photon emission for (n,a)

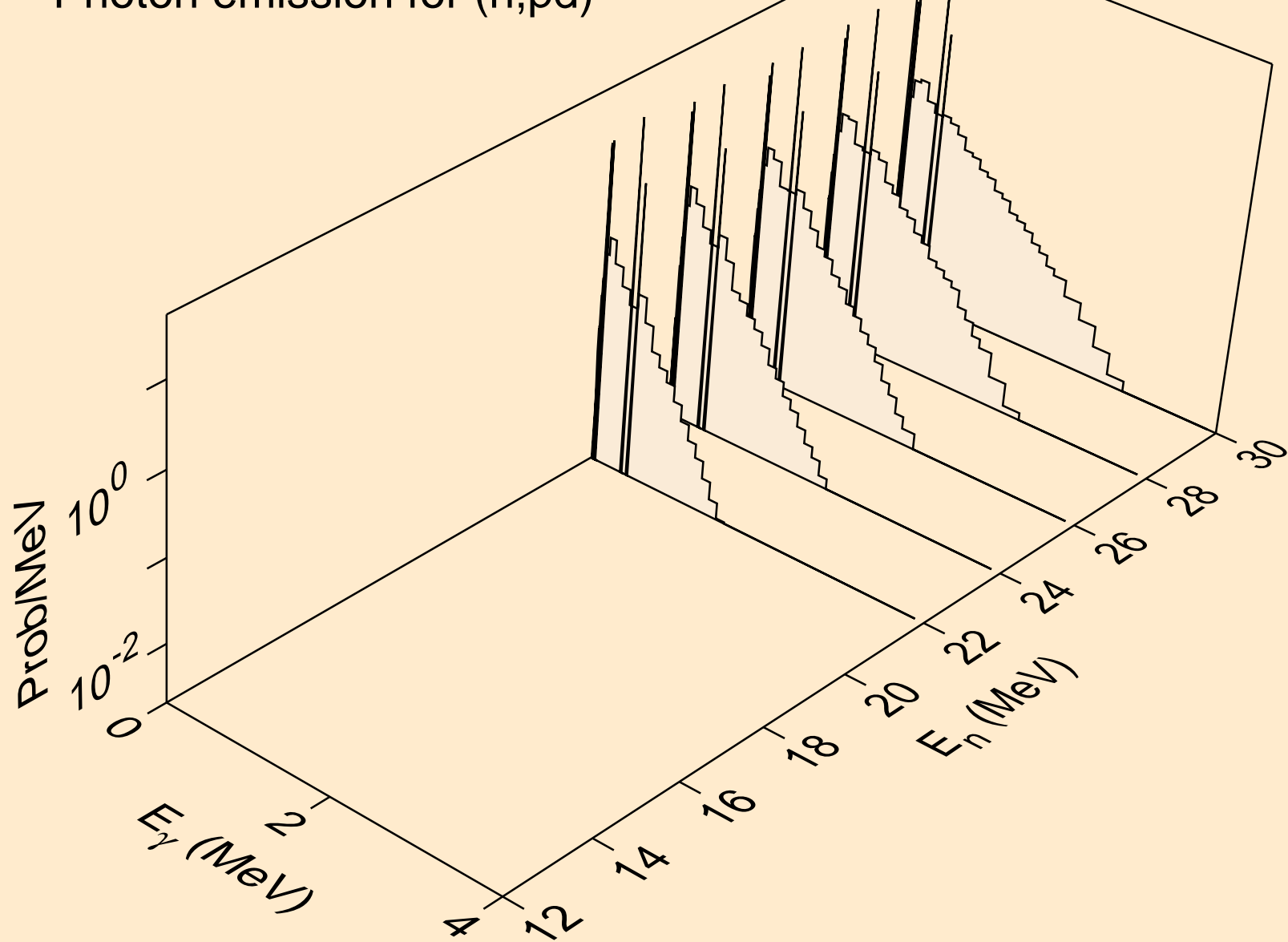




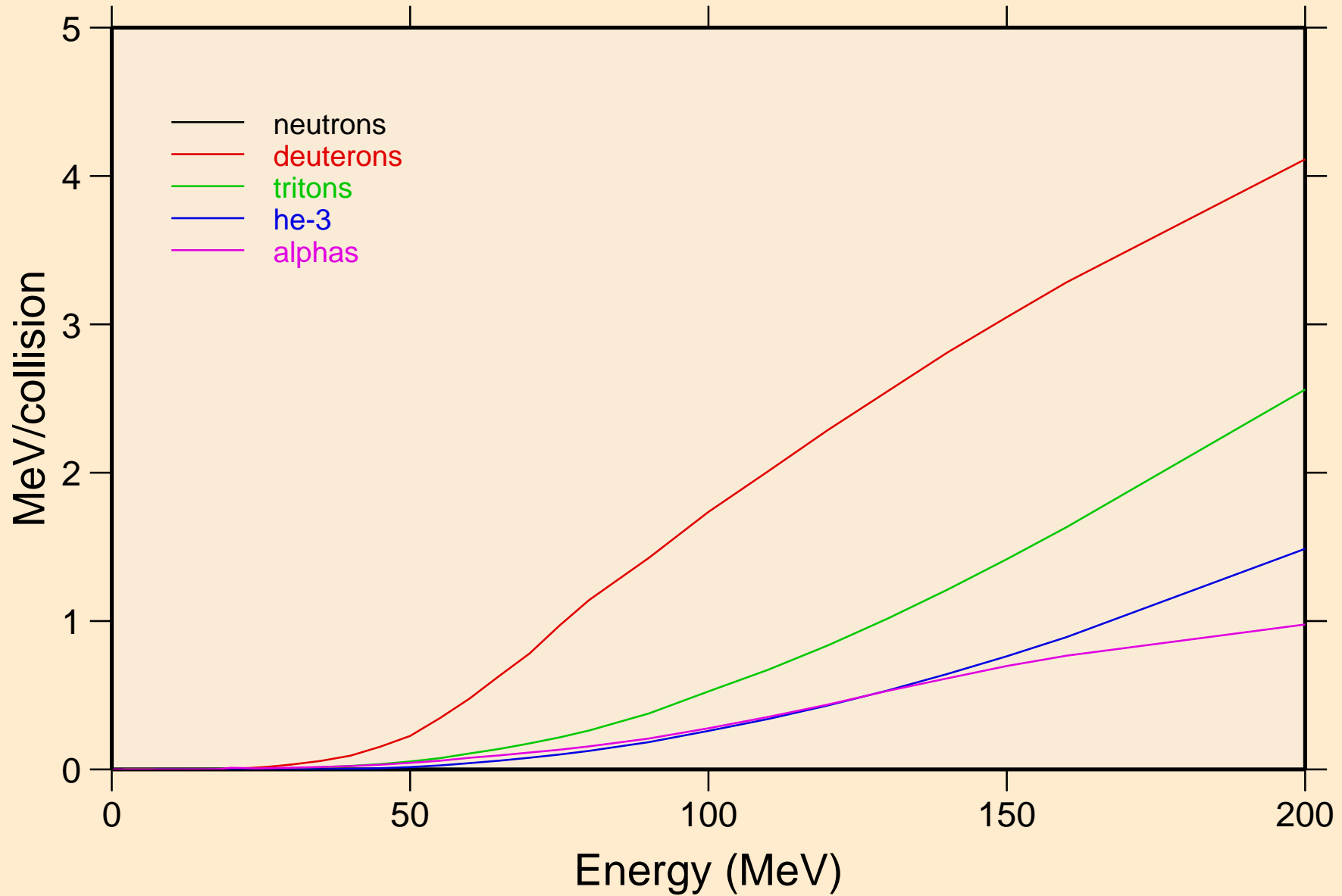
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Photon emission for (n,2p)



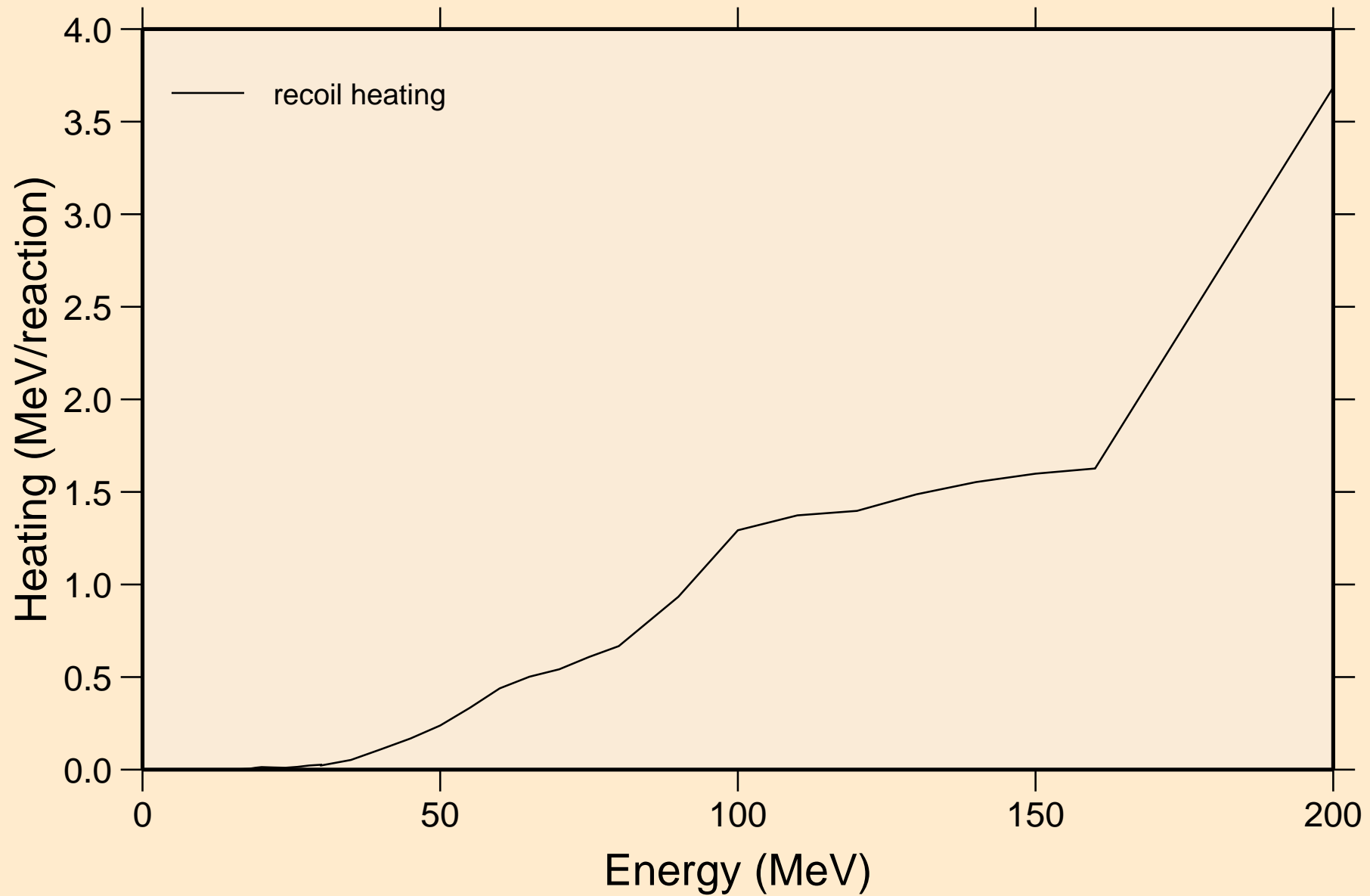
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Photon emission for (n,pd)



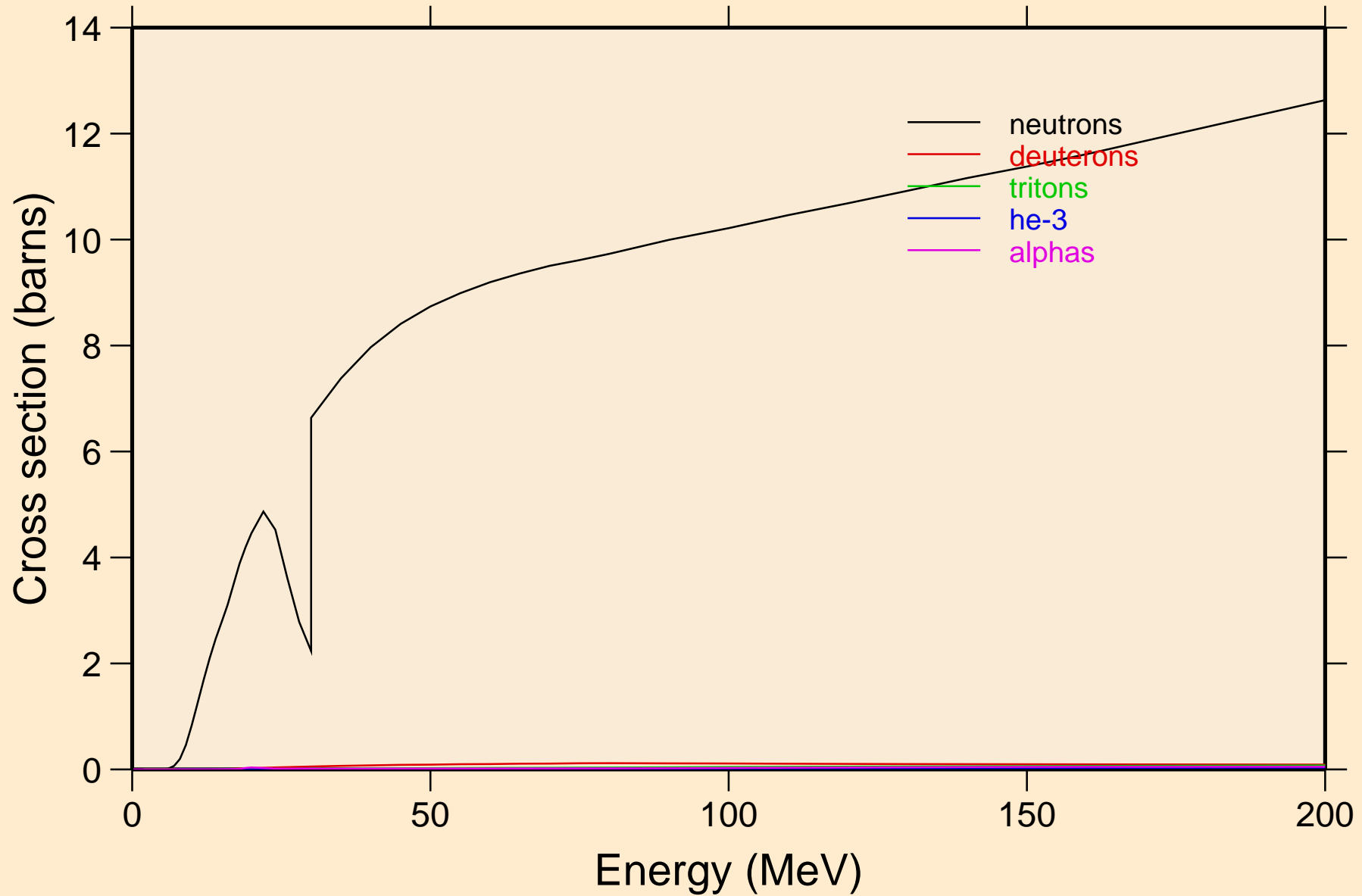
ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



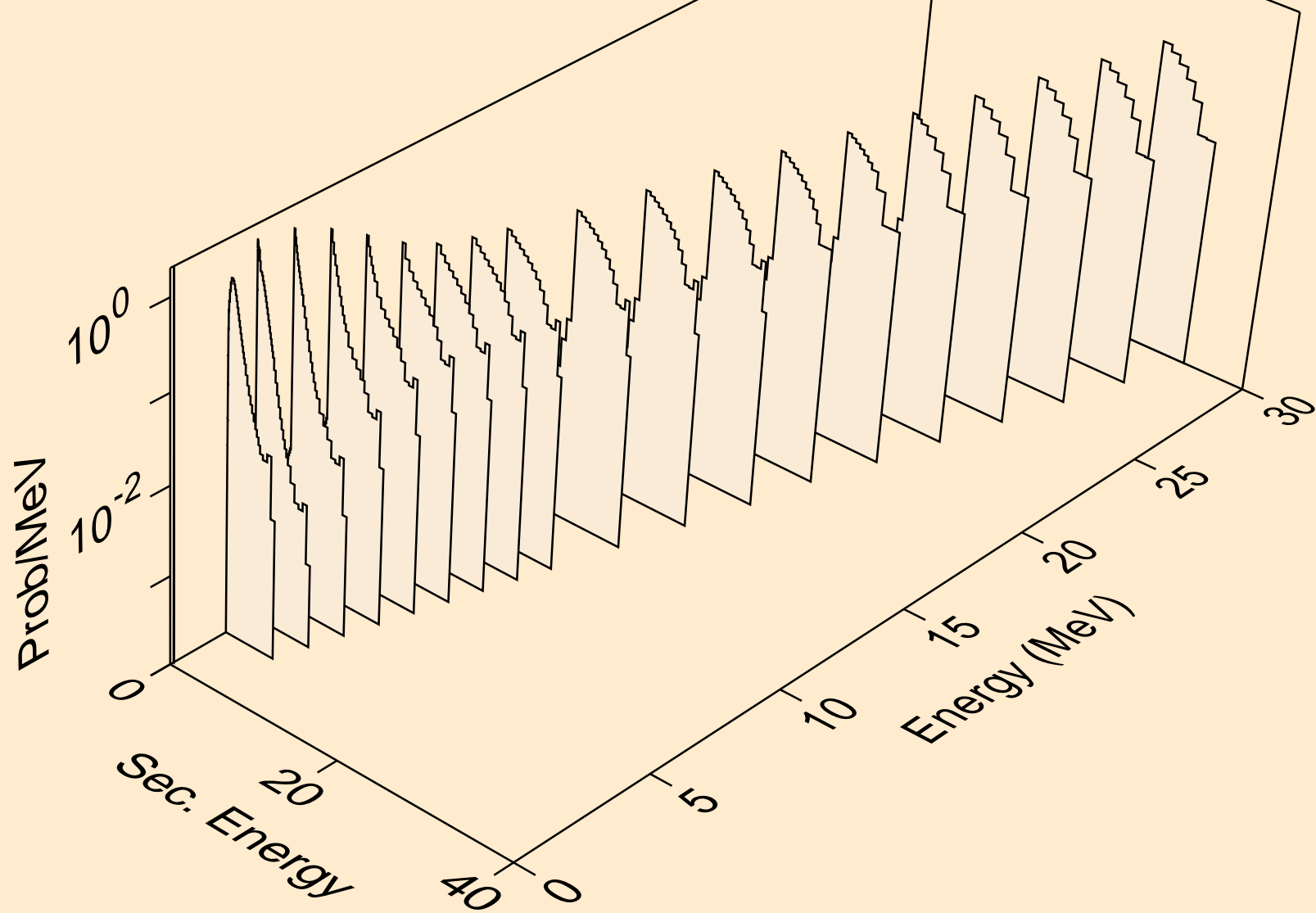
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Recoil Heating



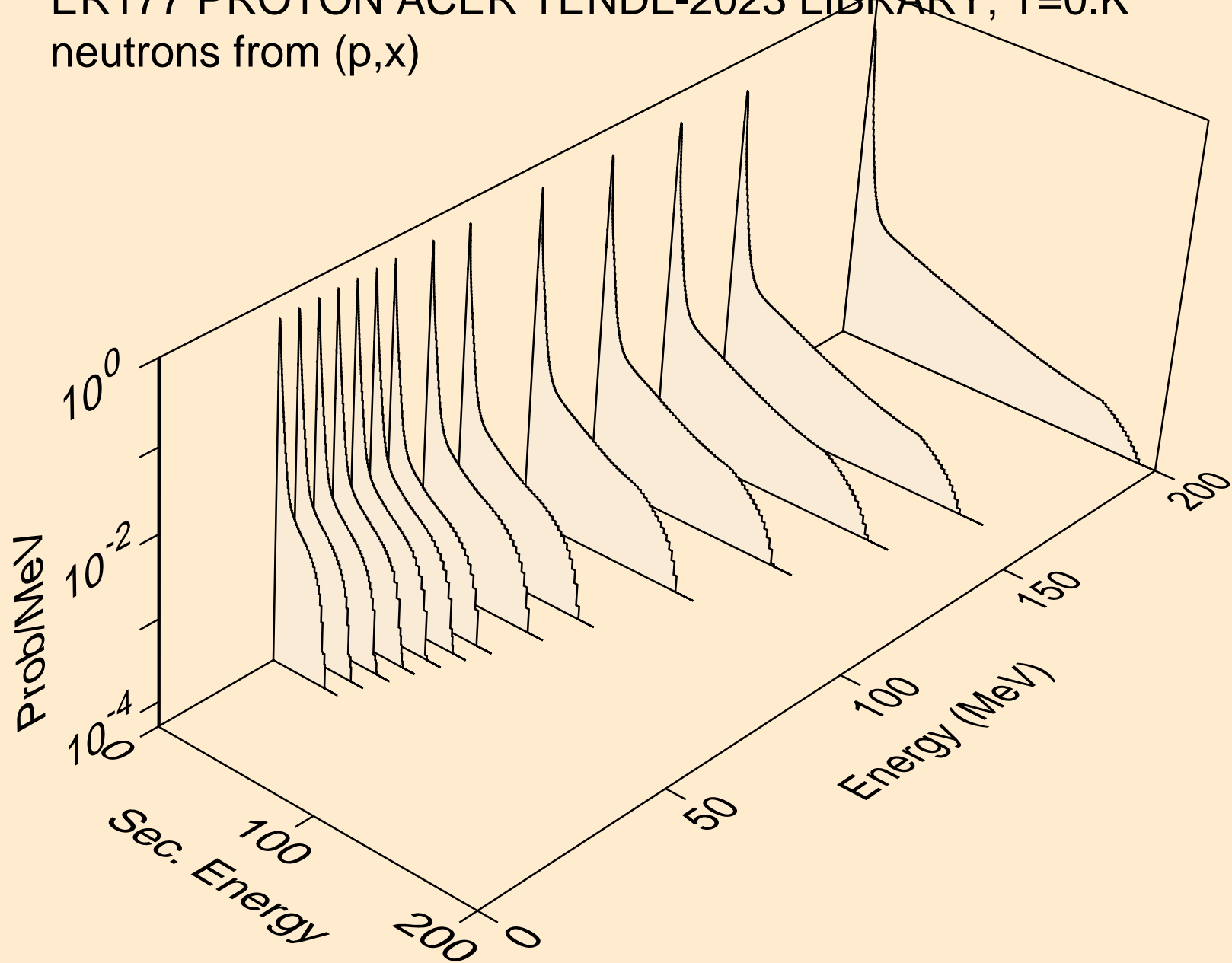
ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



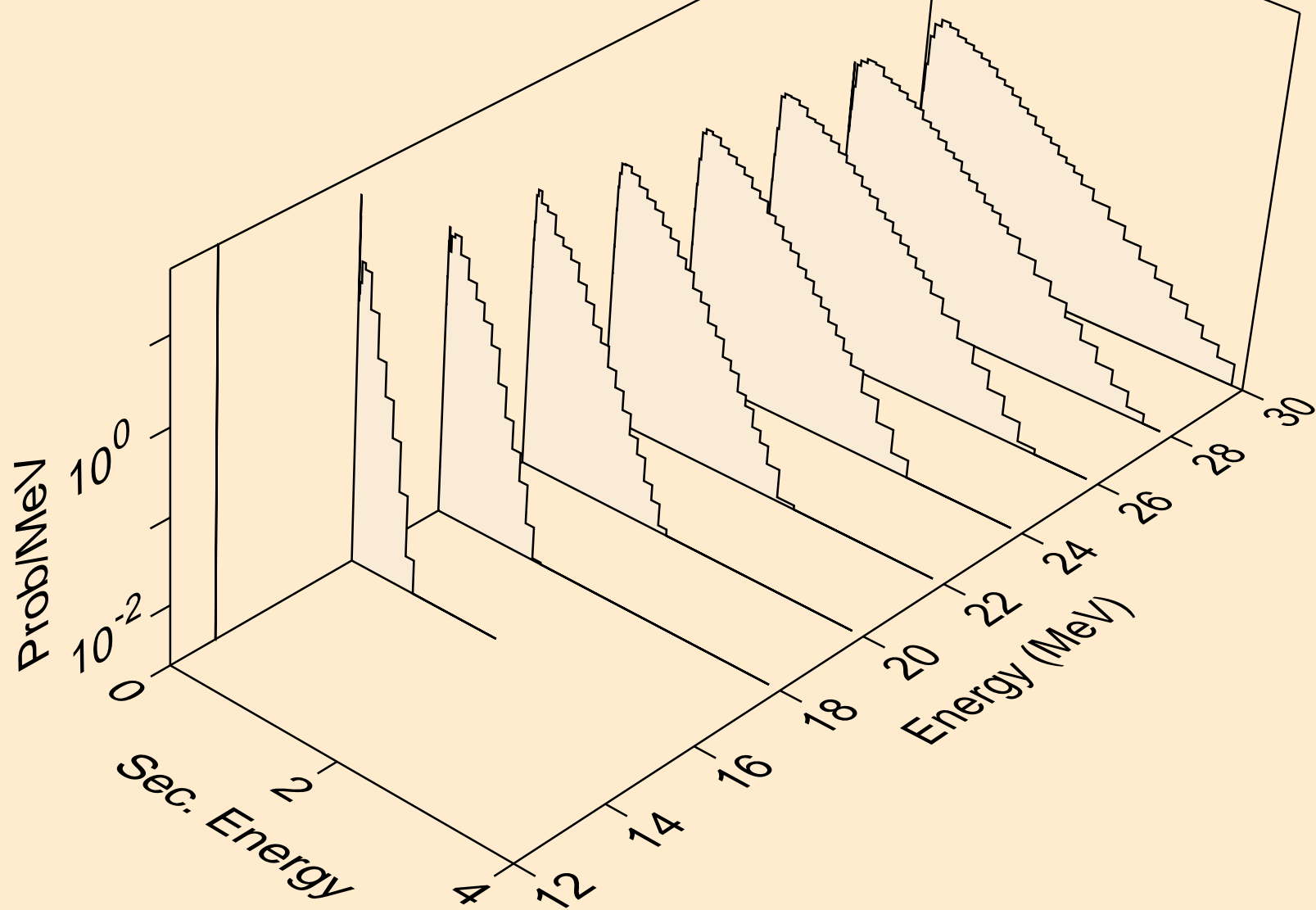
ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)

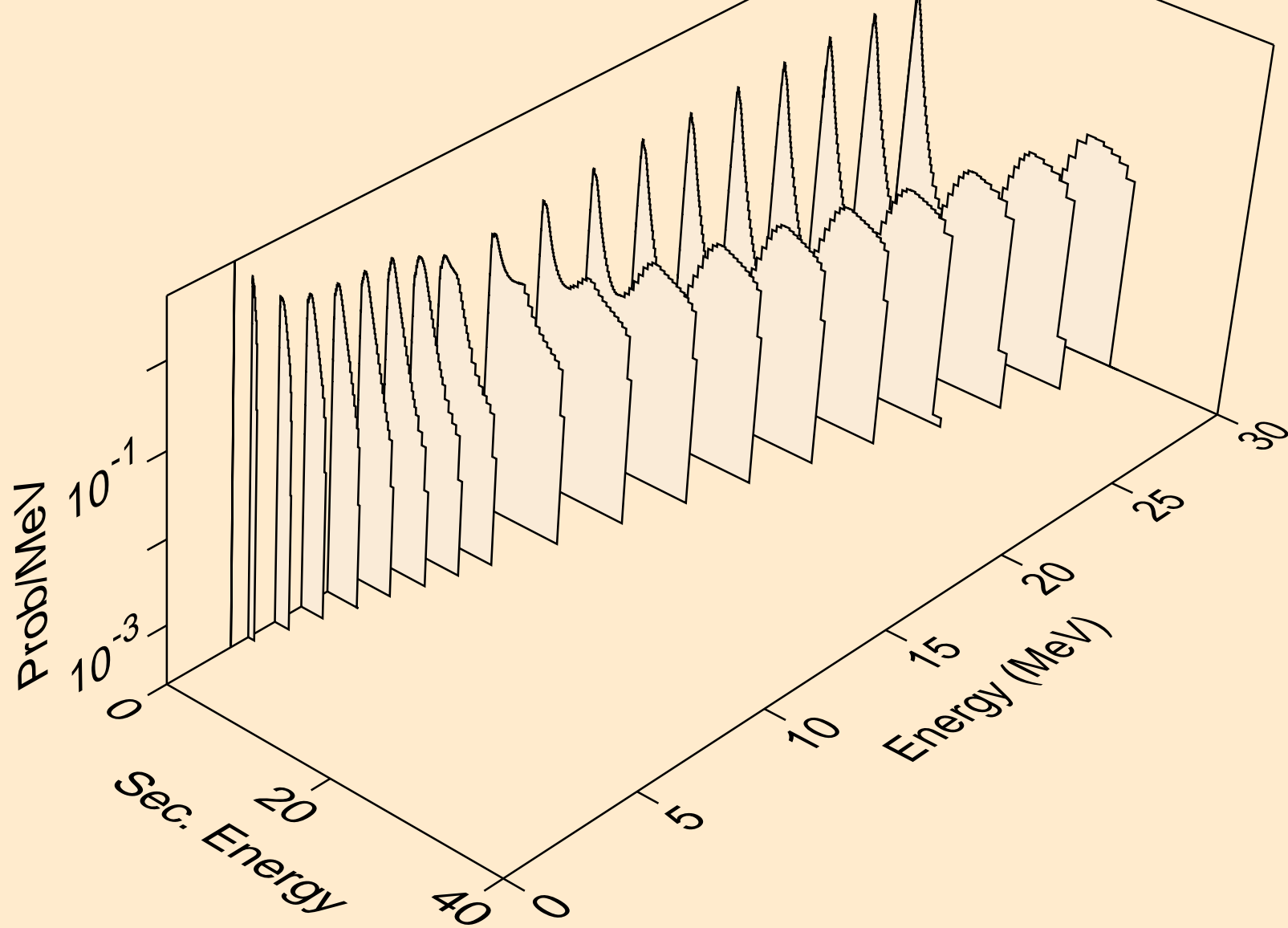


ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2nd)

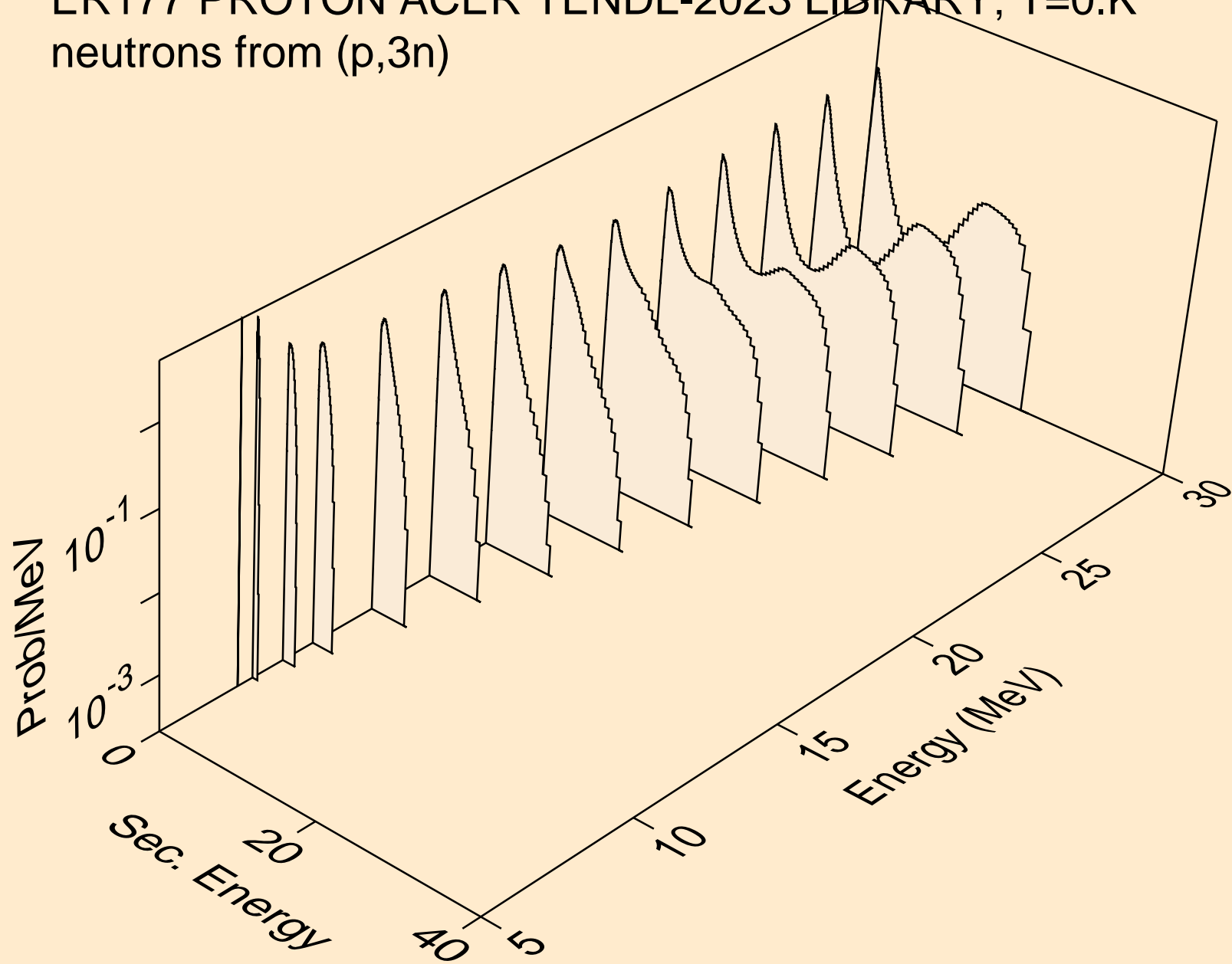




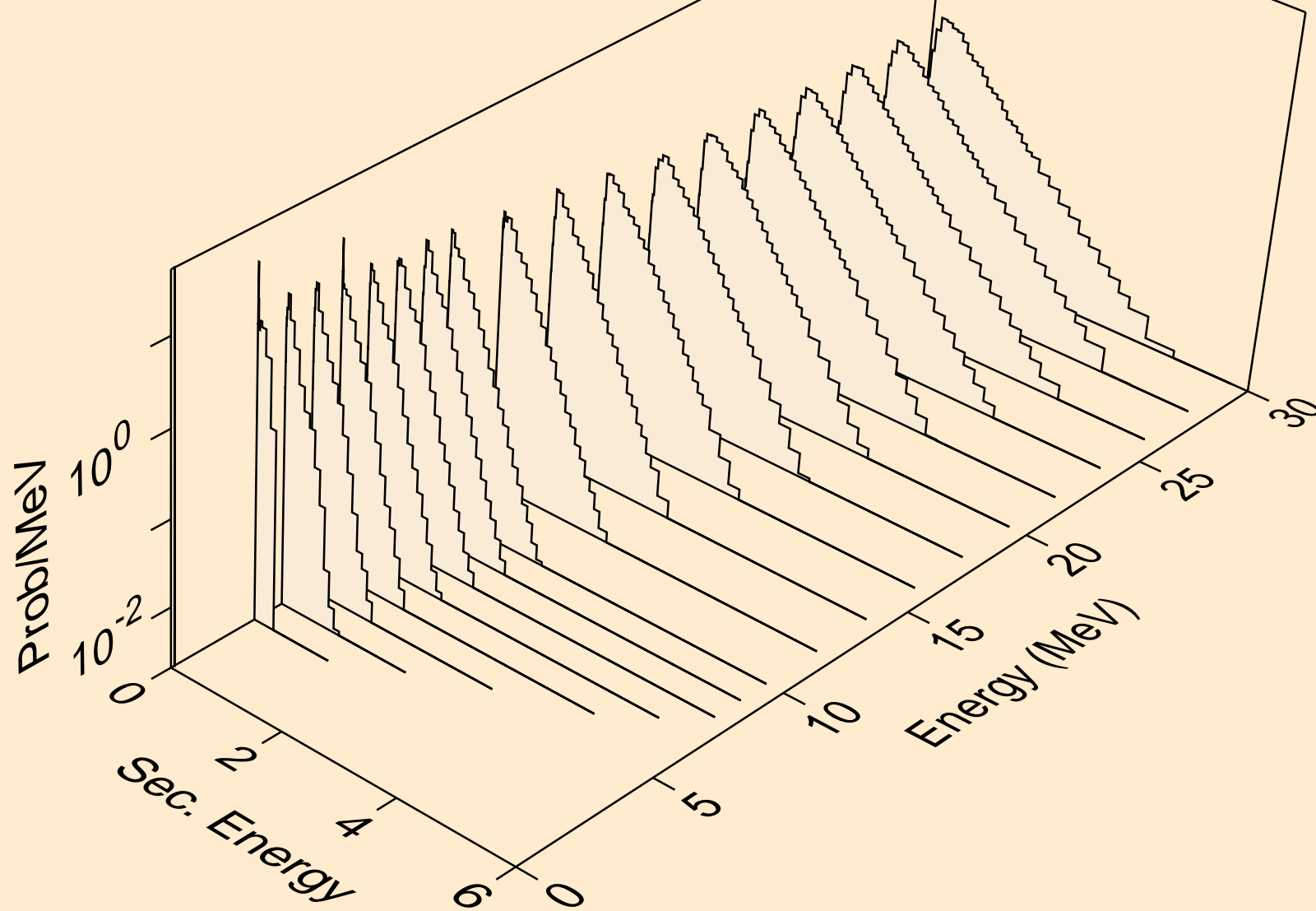
ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)



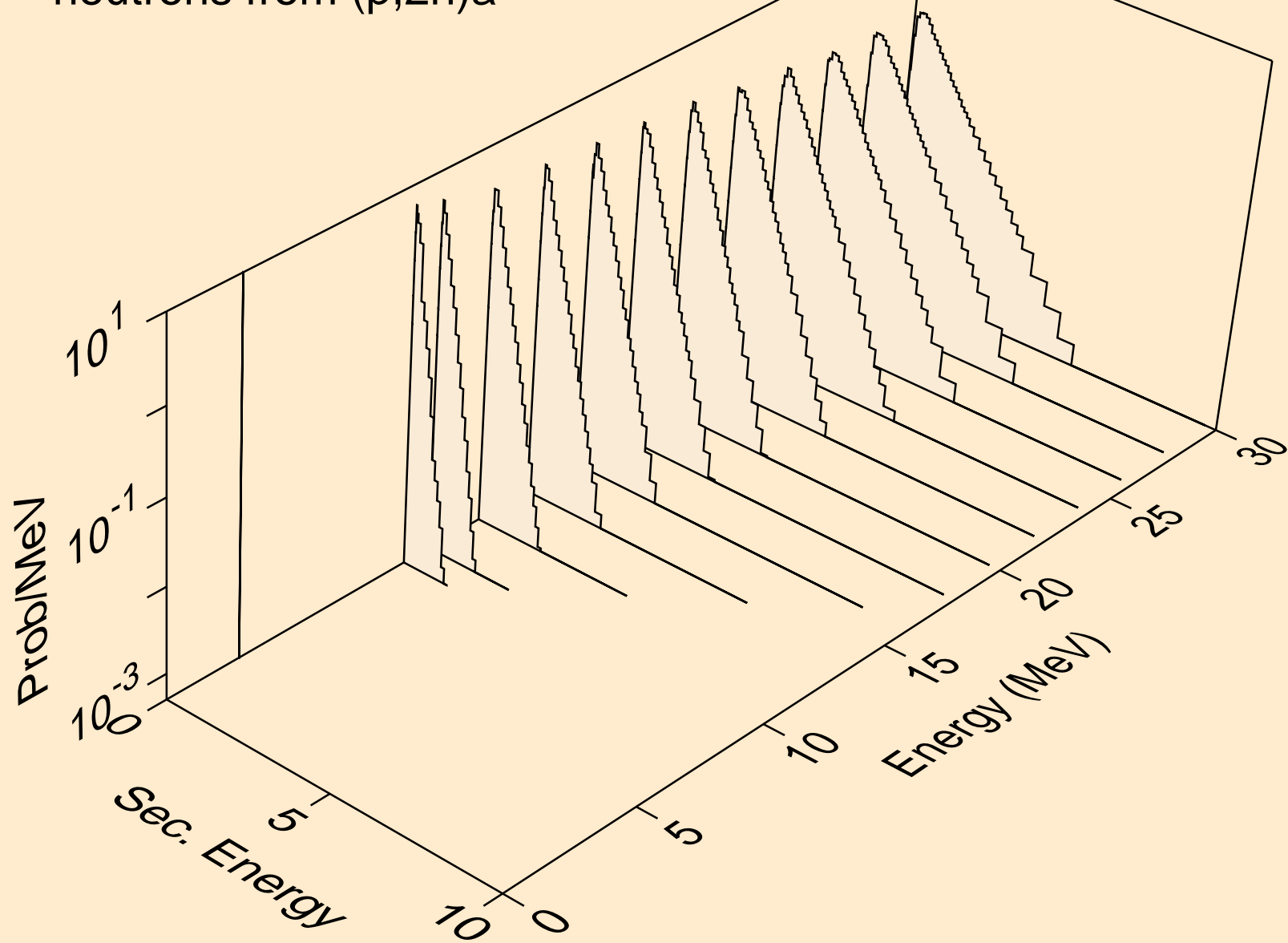
ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)



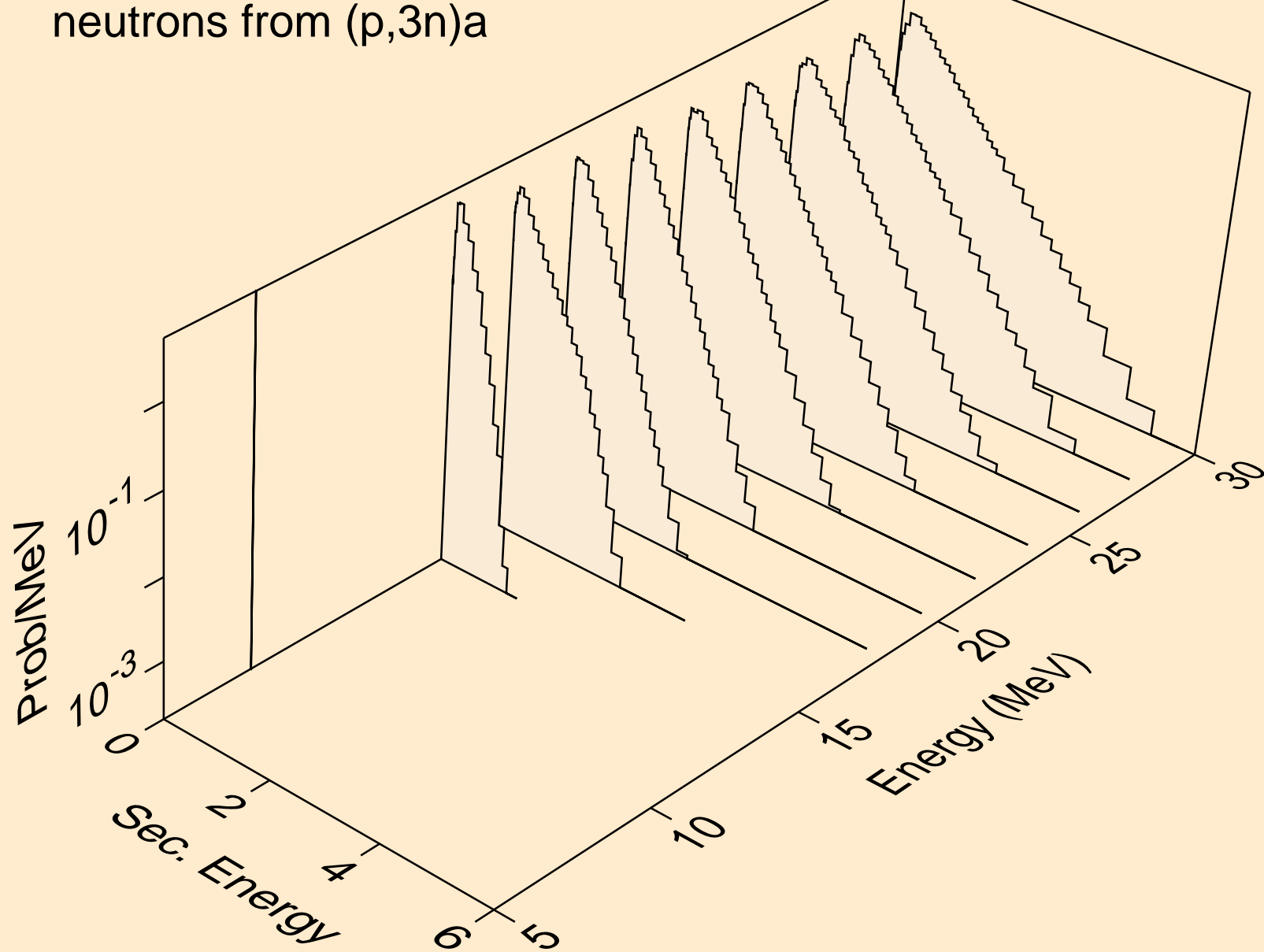
ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



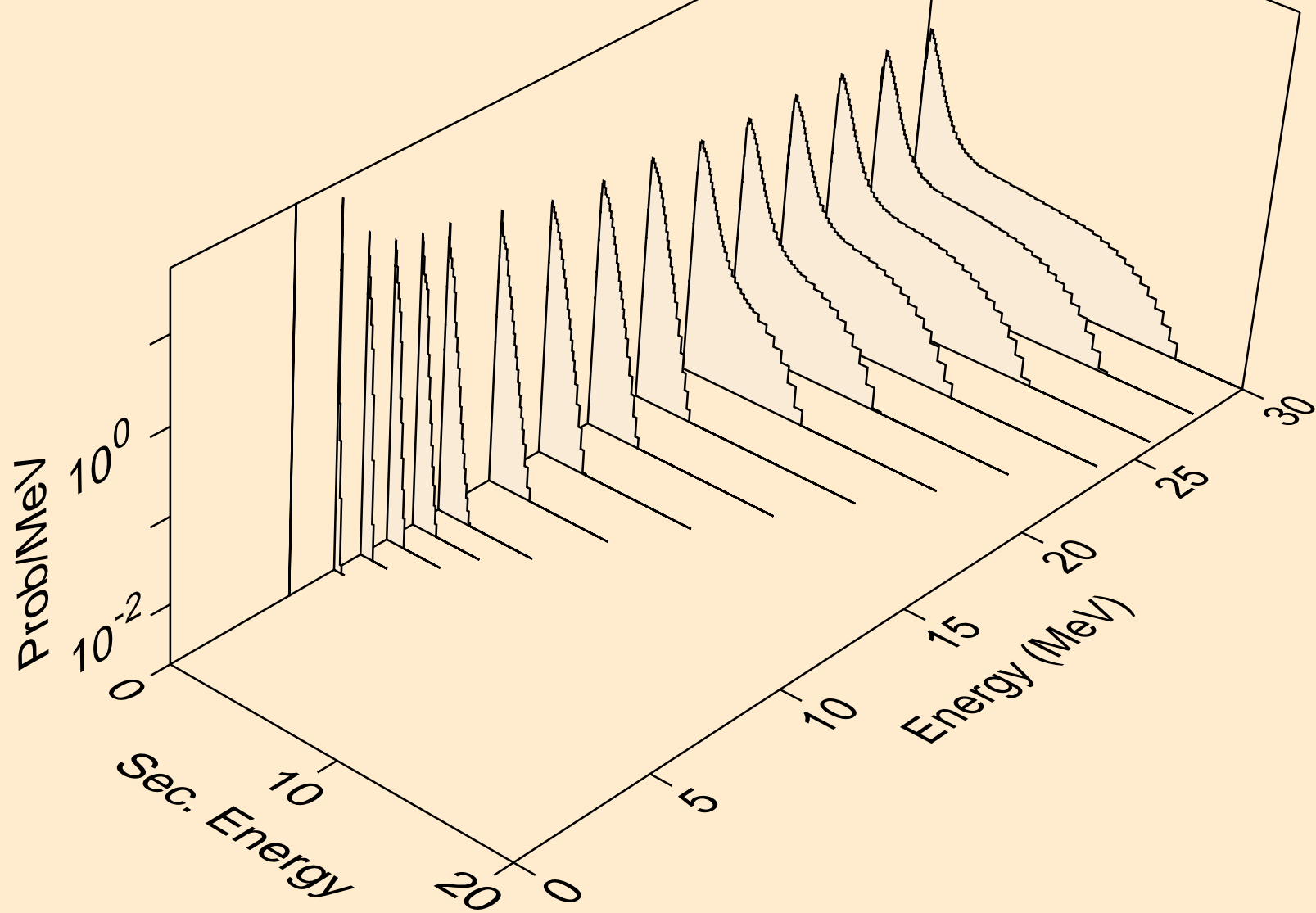
ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)a



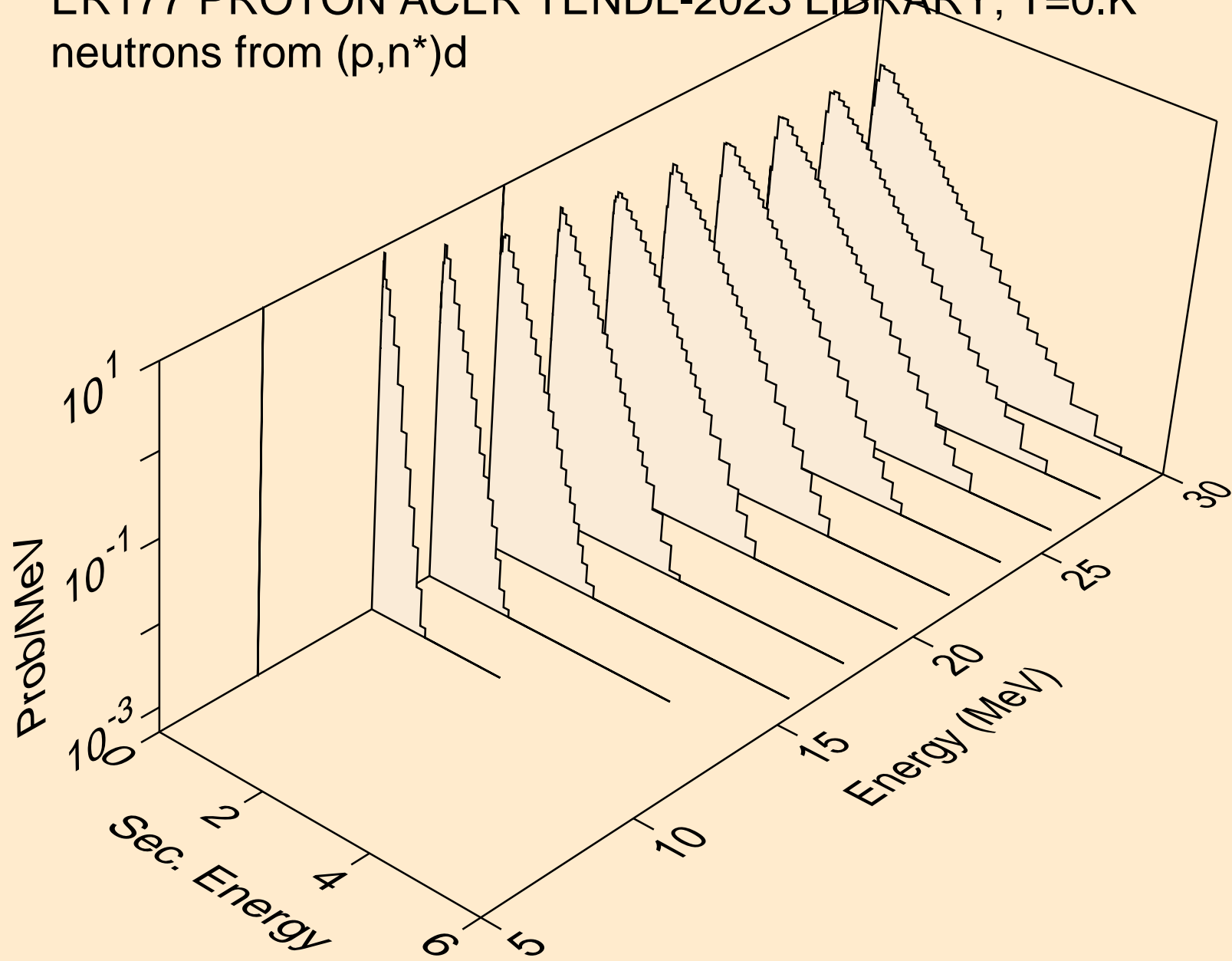
ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)a



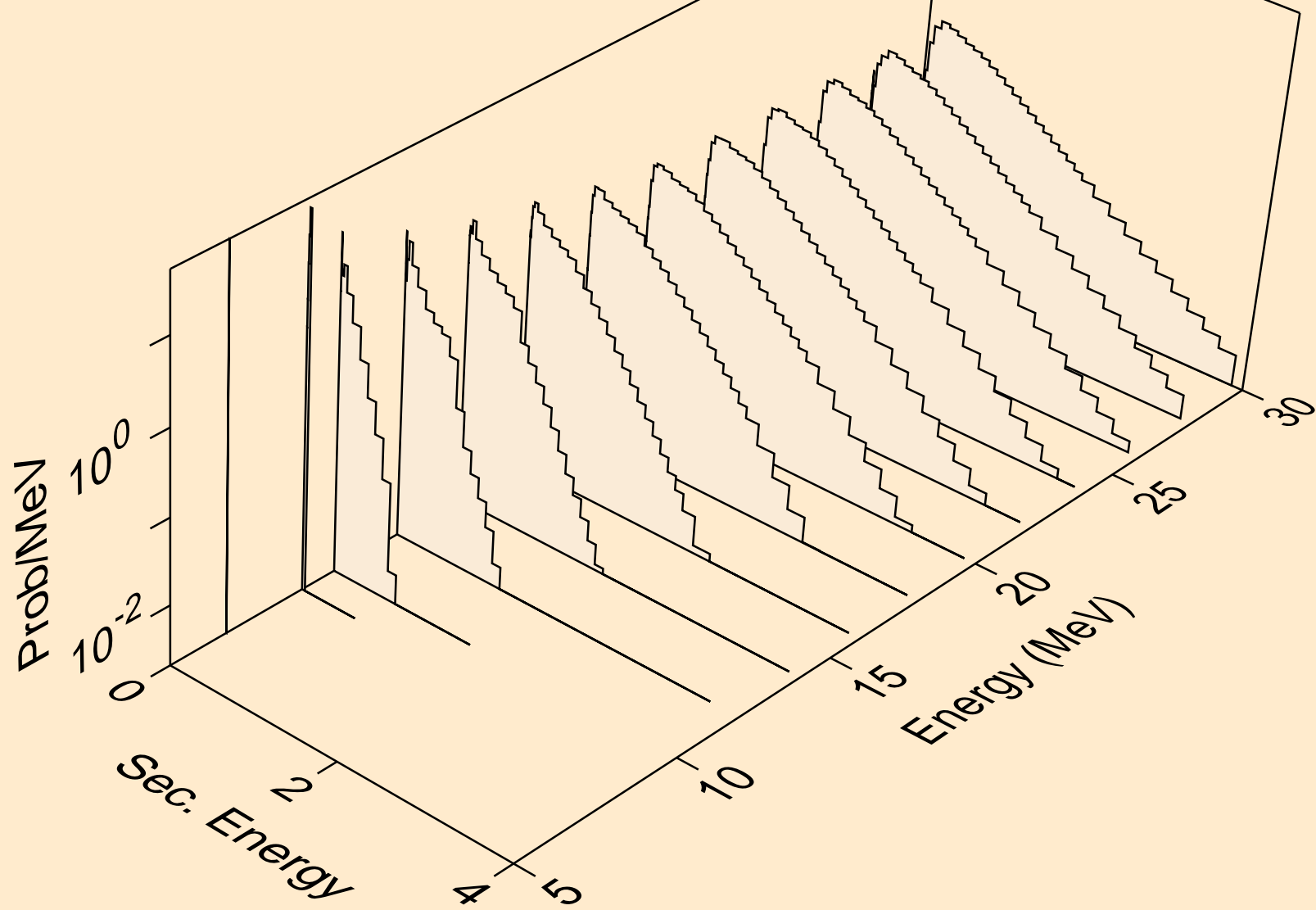
ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)p



ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)d

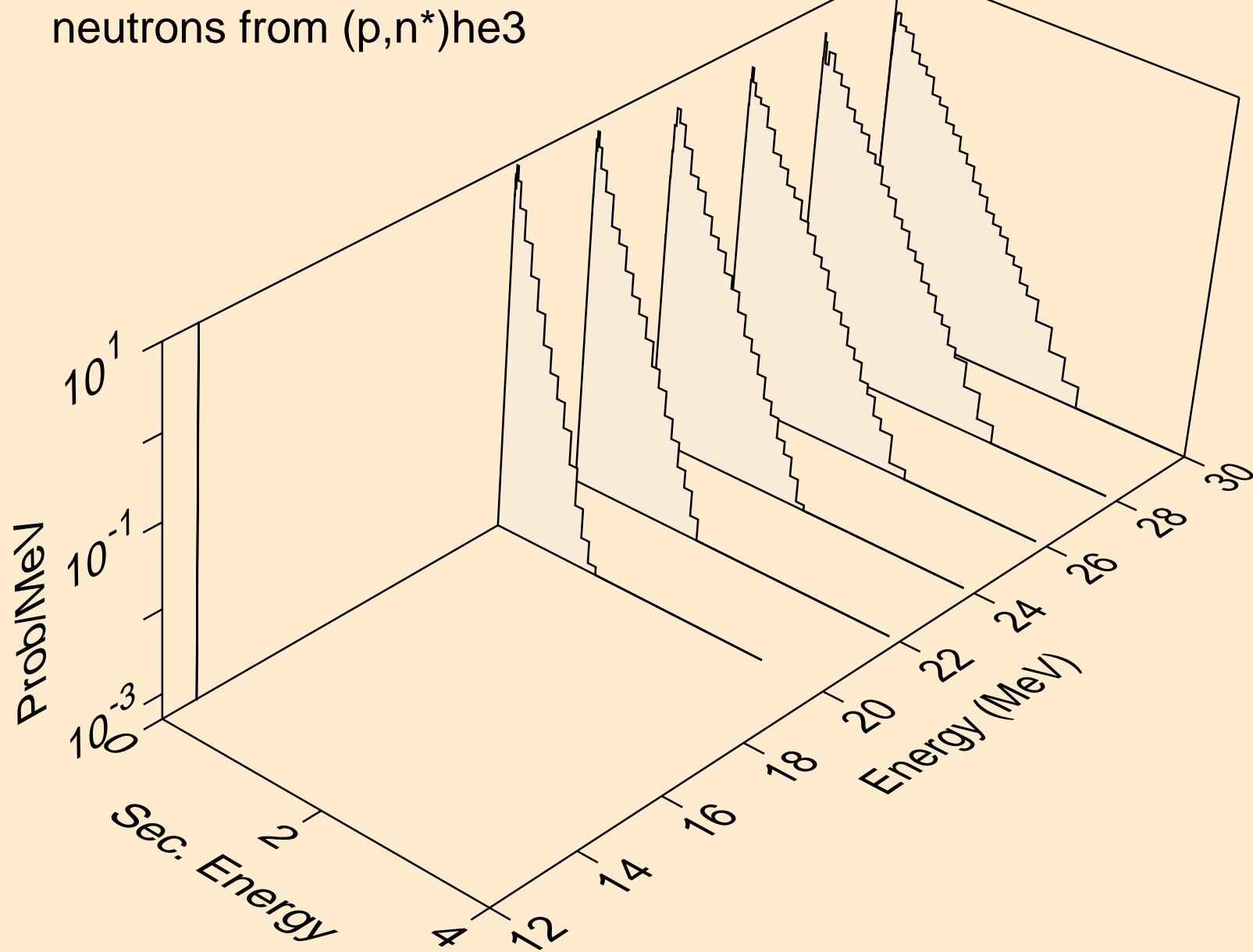


ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)t

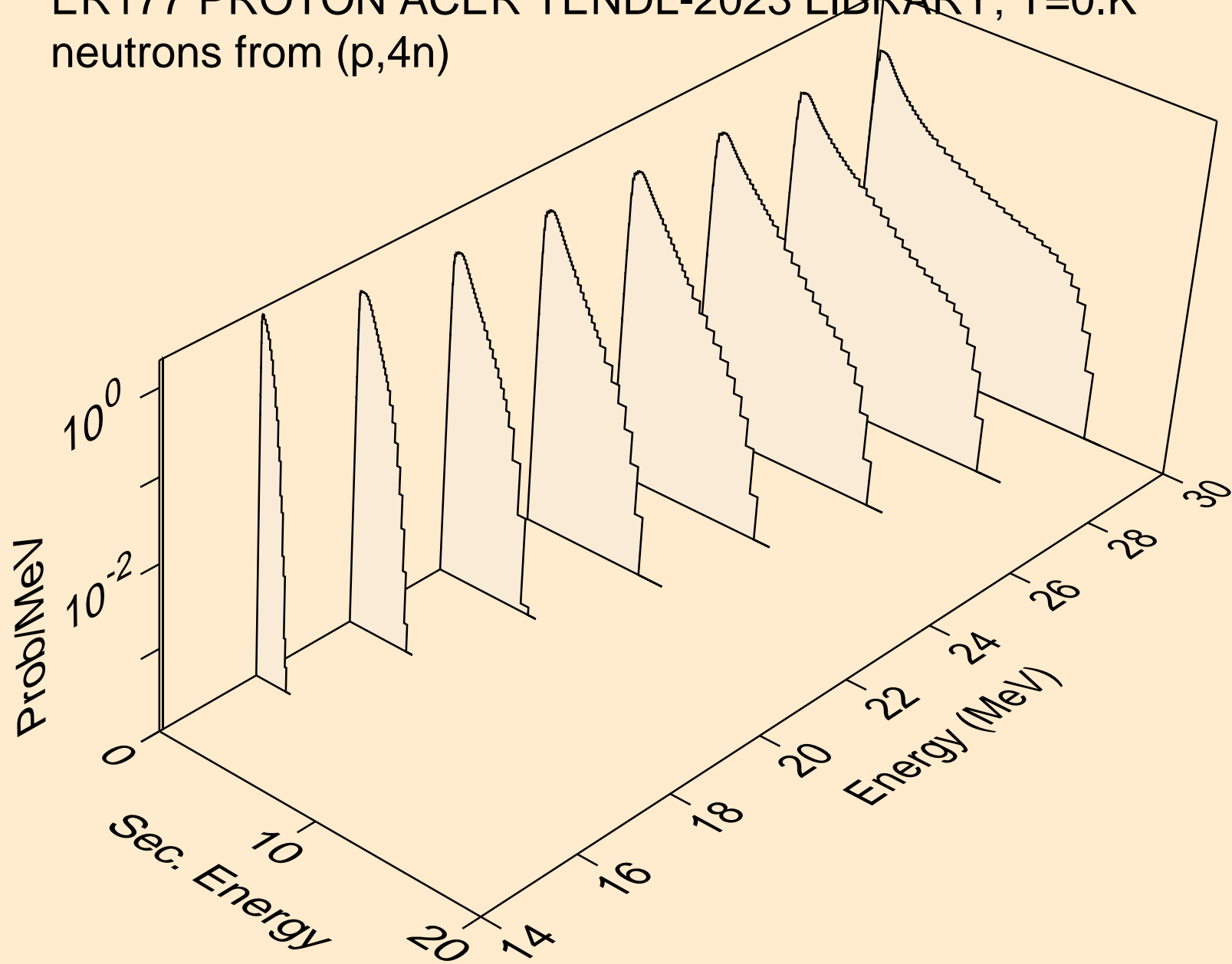




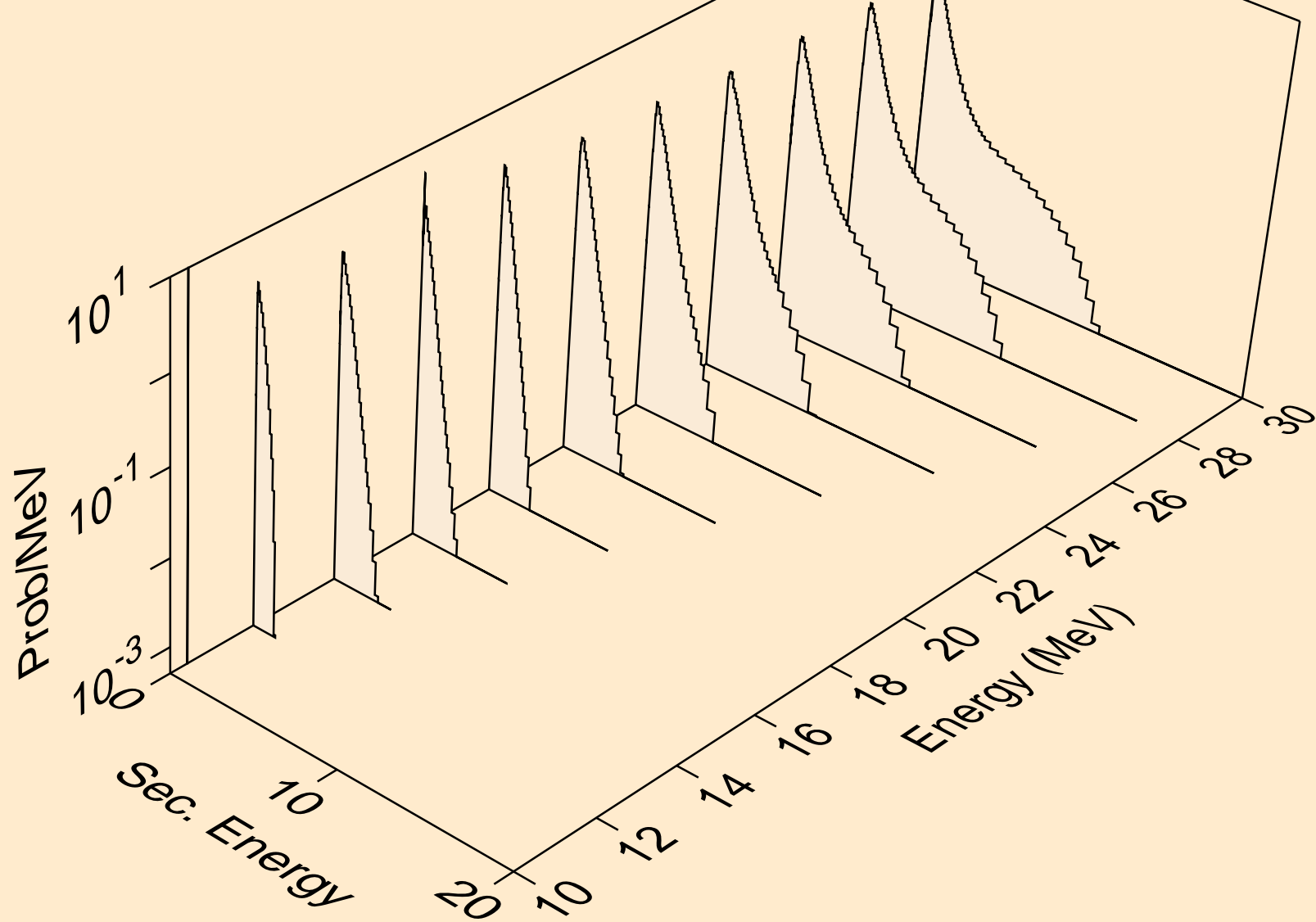
ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



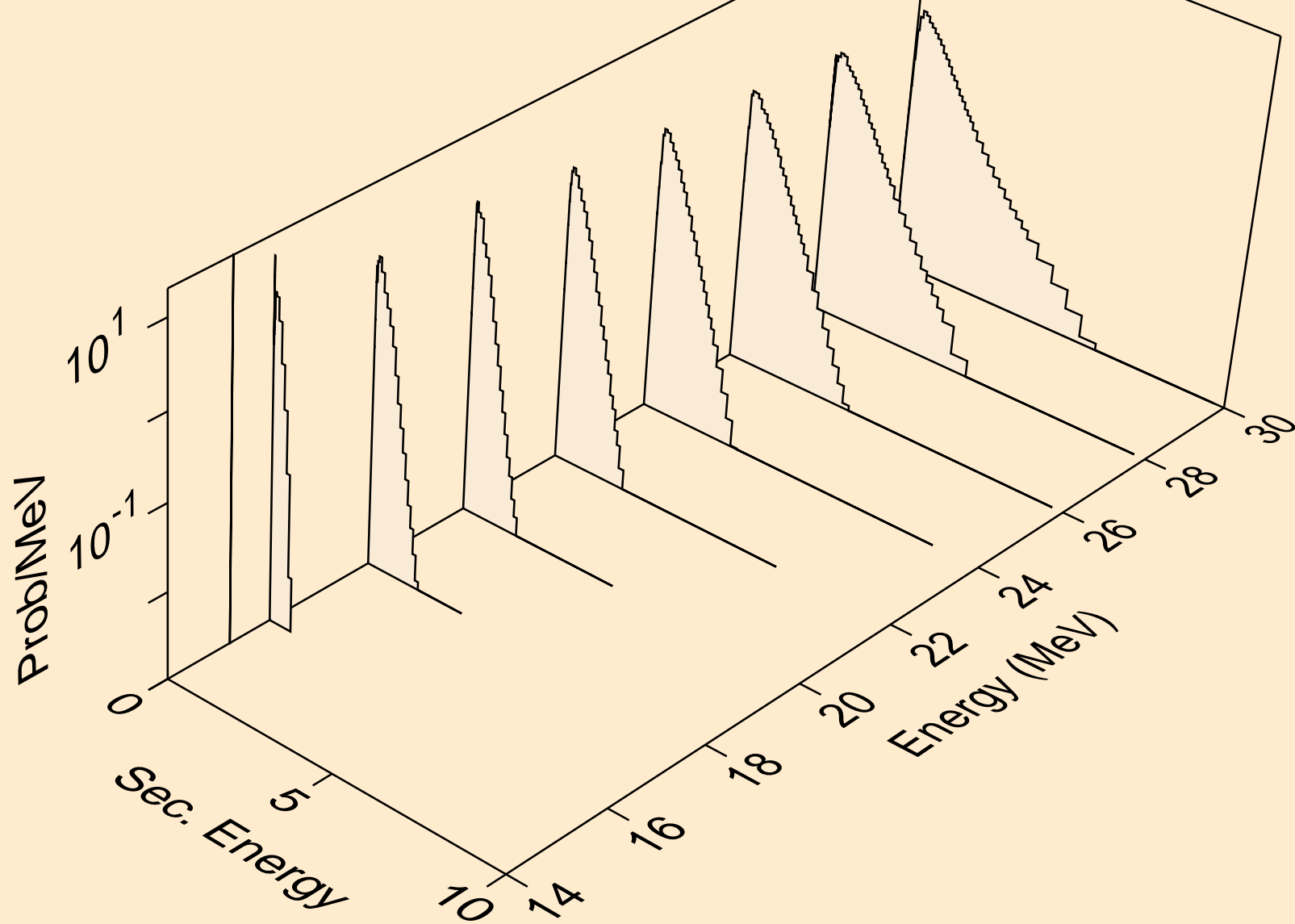
ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,4n)



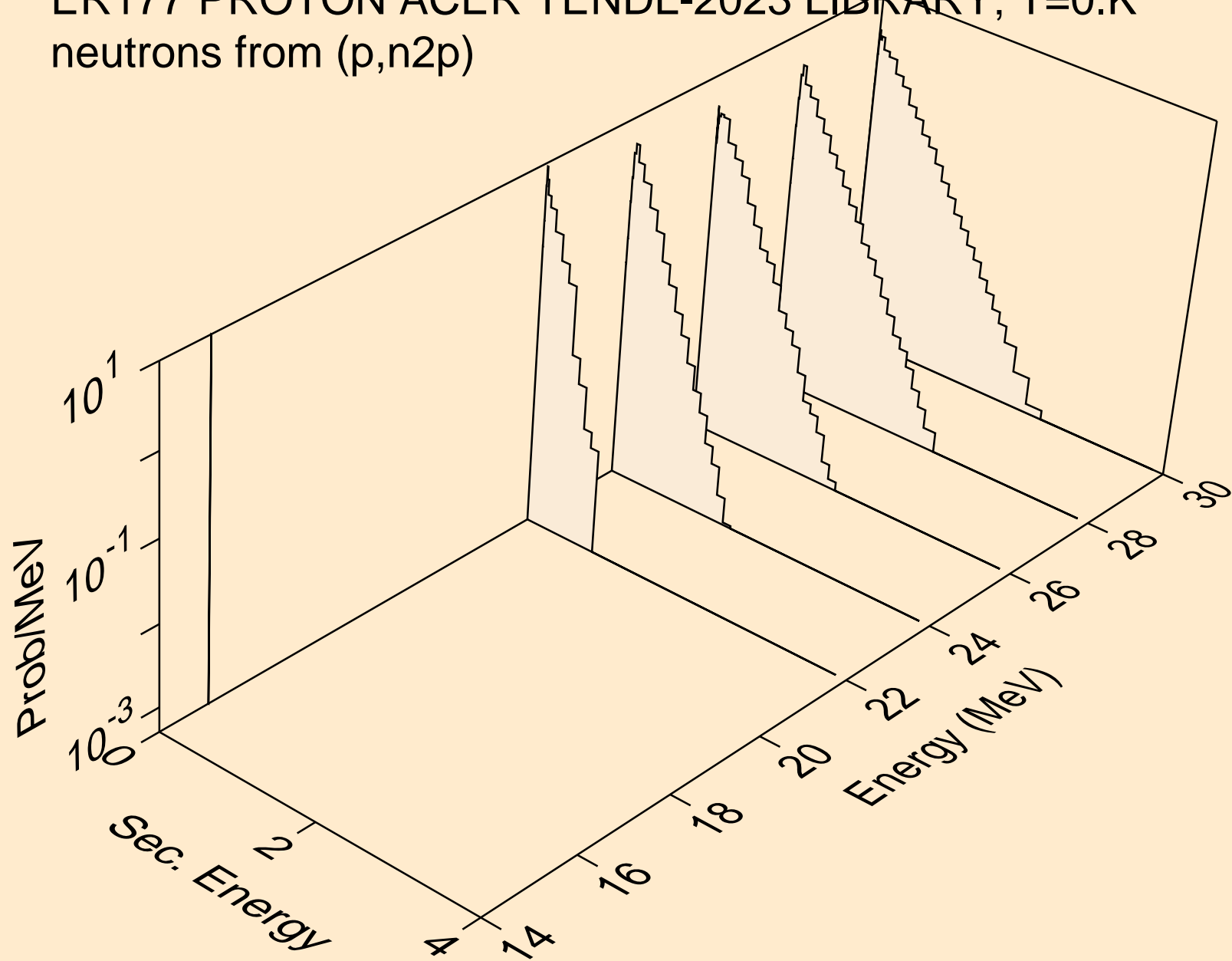
ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2np)



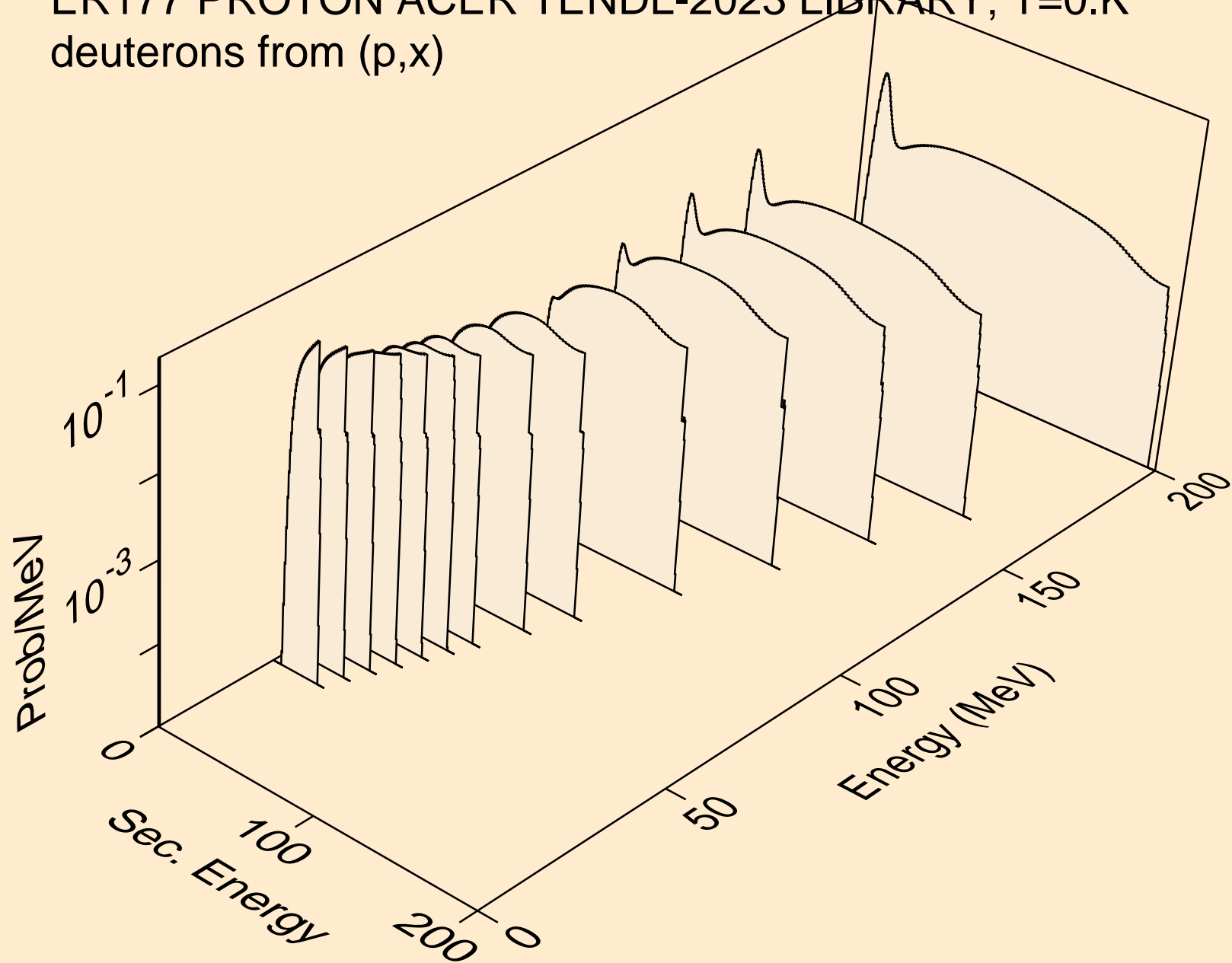
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neutrons from (p,3np)



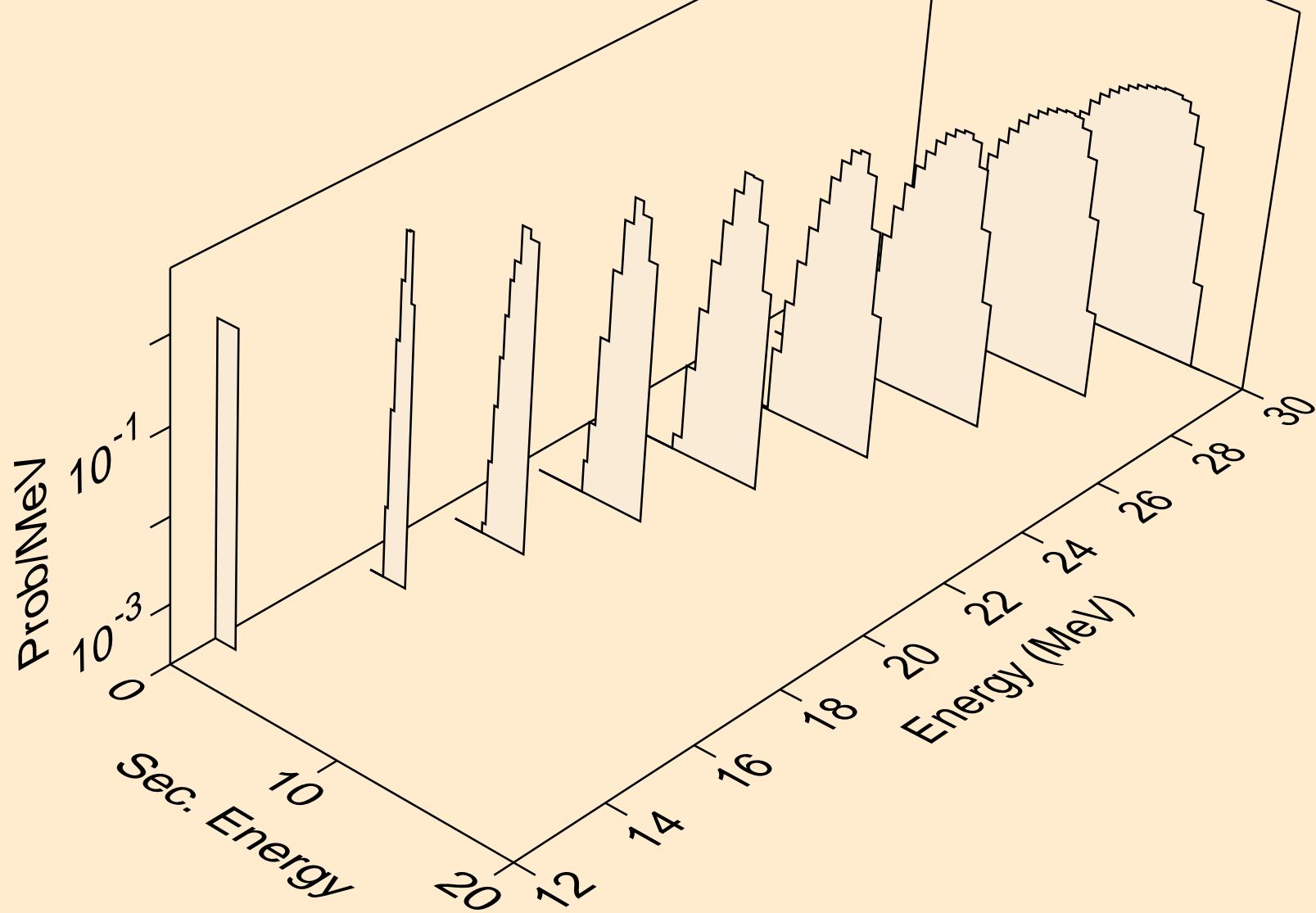
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neutrons from (p,n2p)



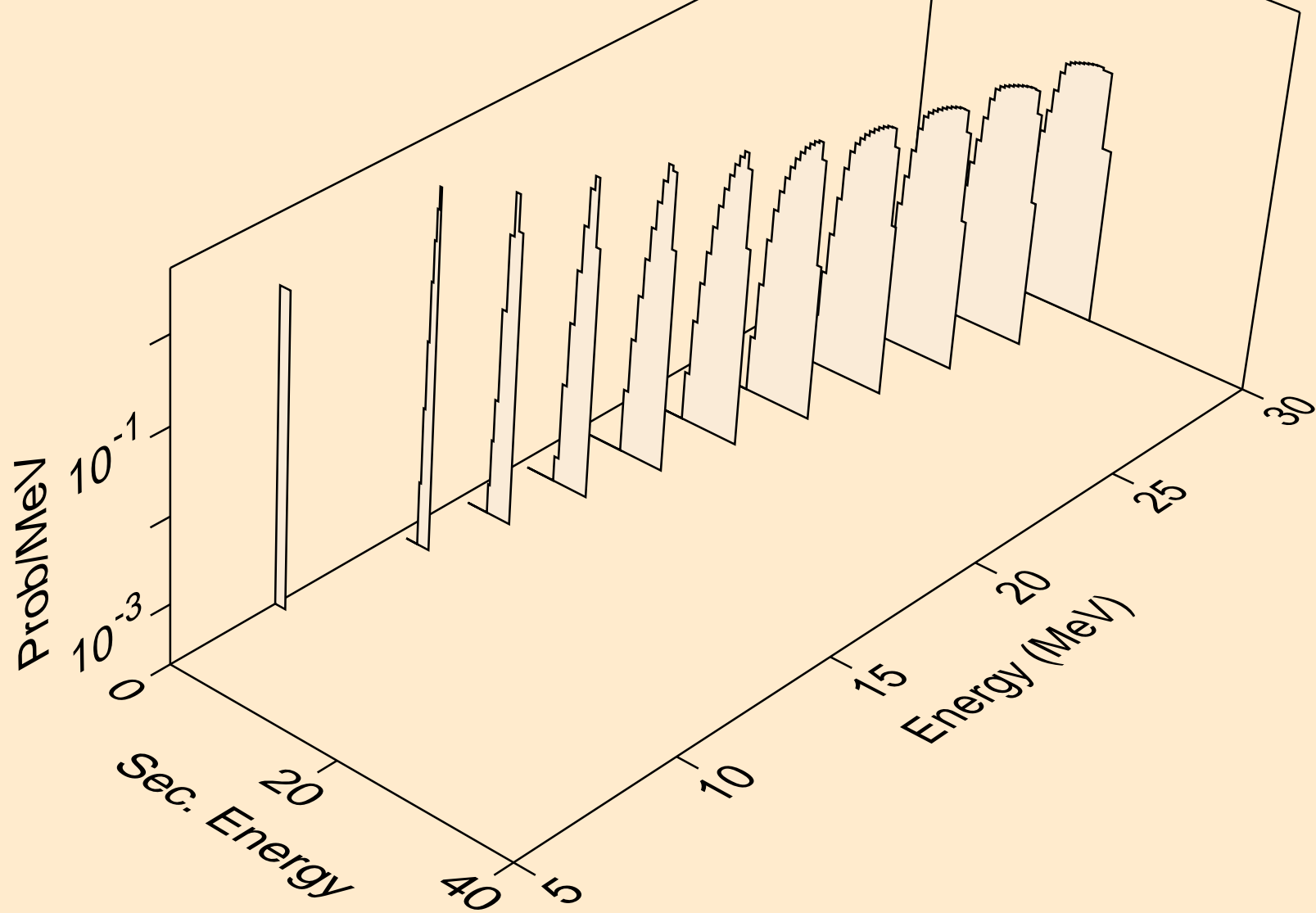
ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,x)



ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,2nd)

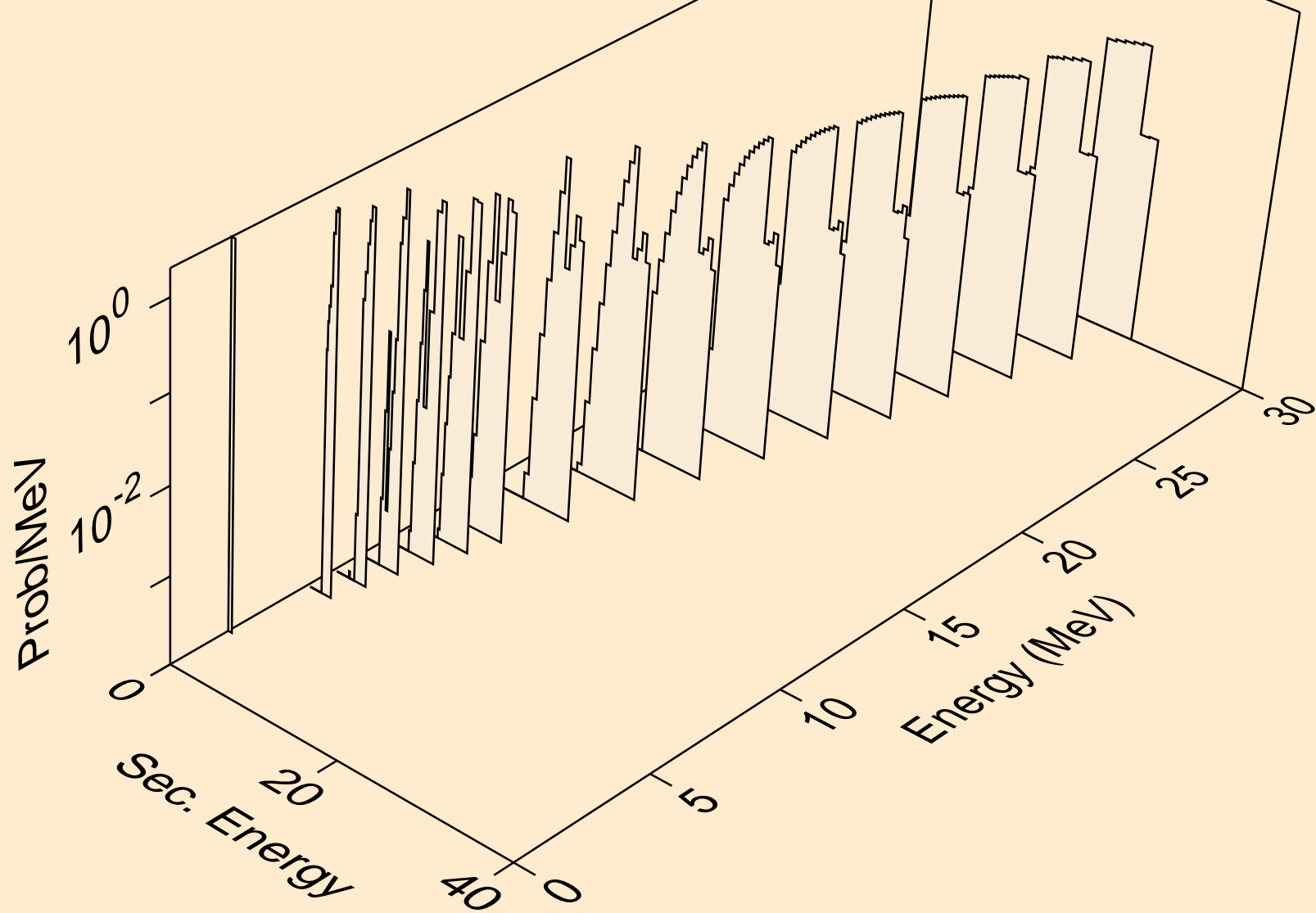


ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,n\*)d

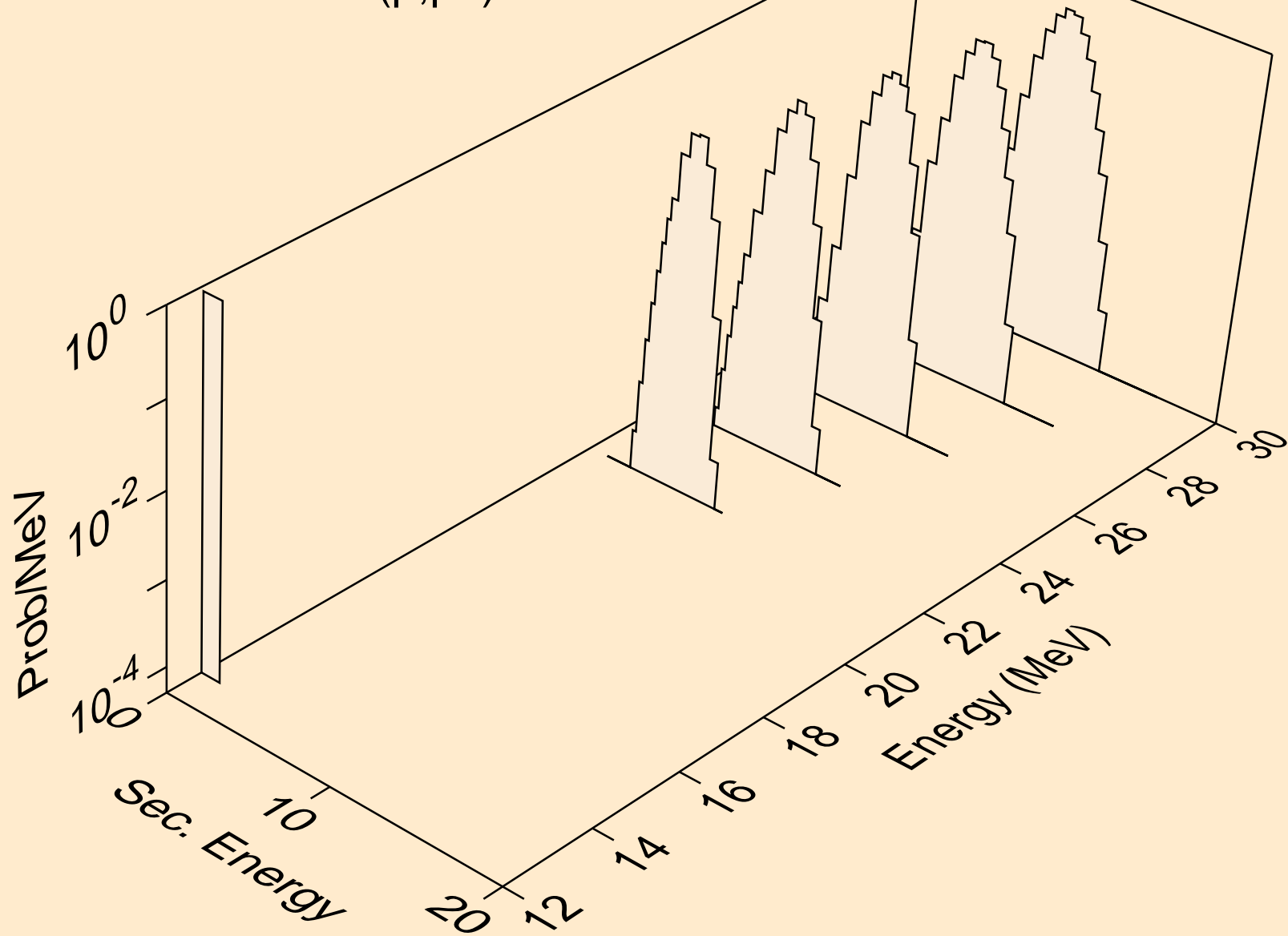




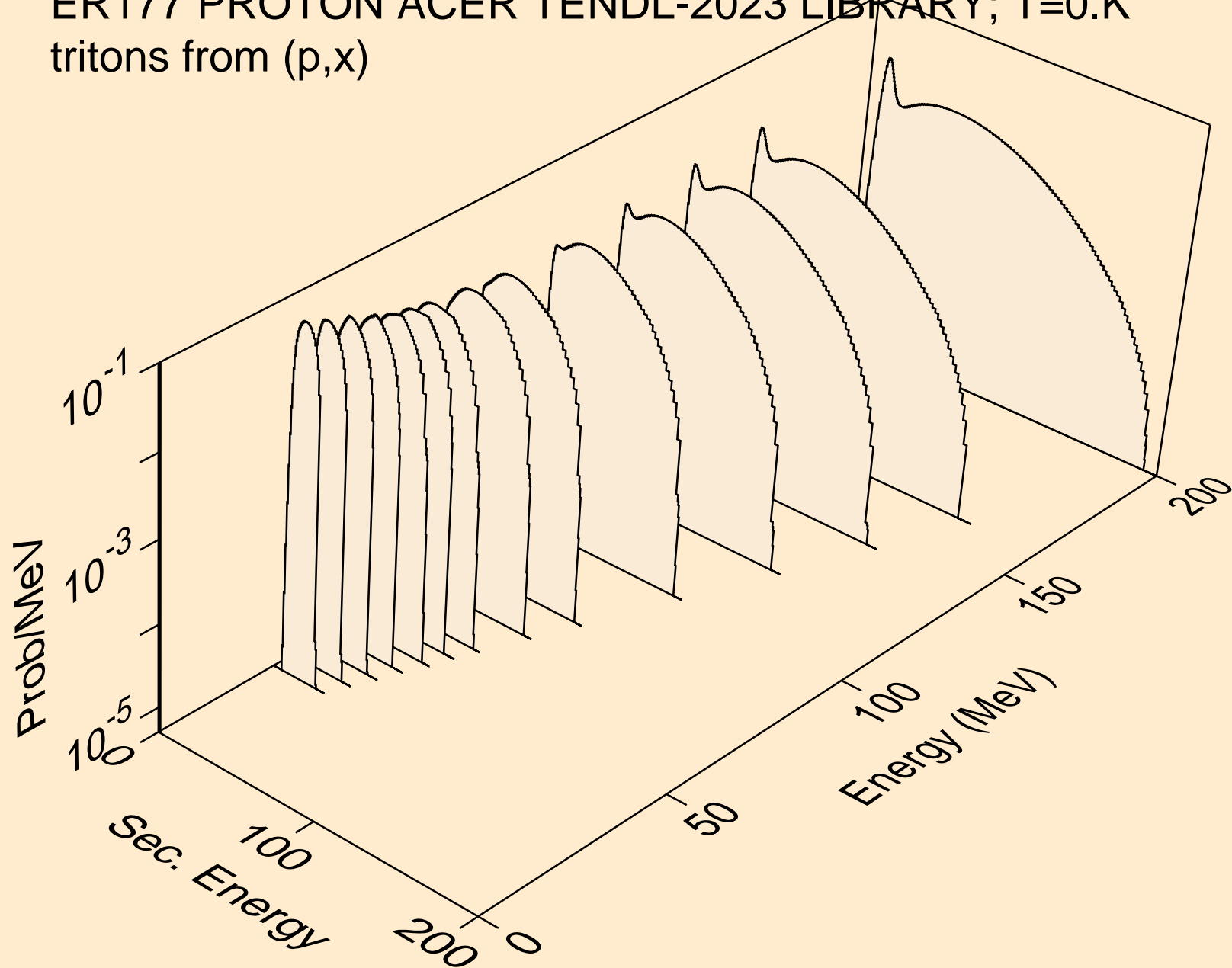
ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,d)



ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,pd)

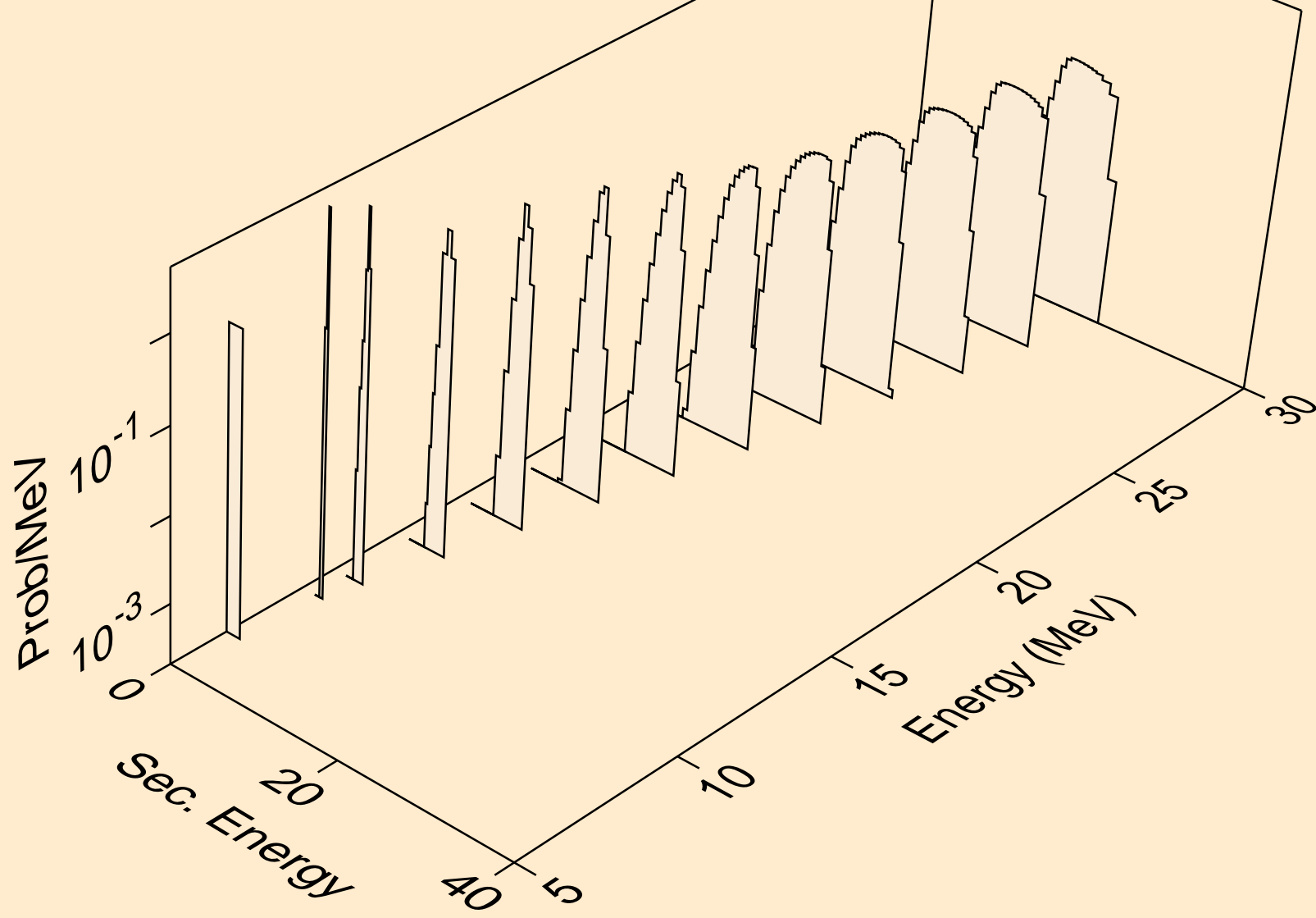


ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)

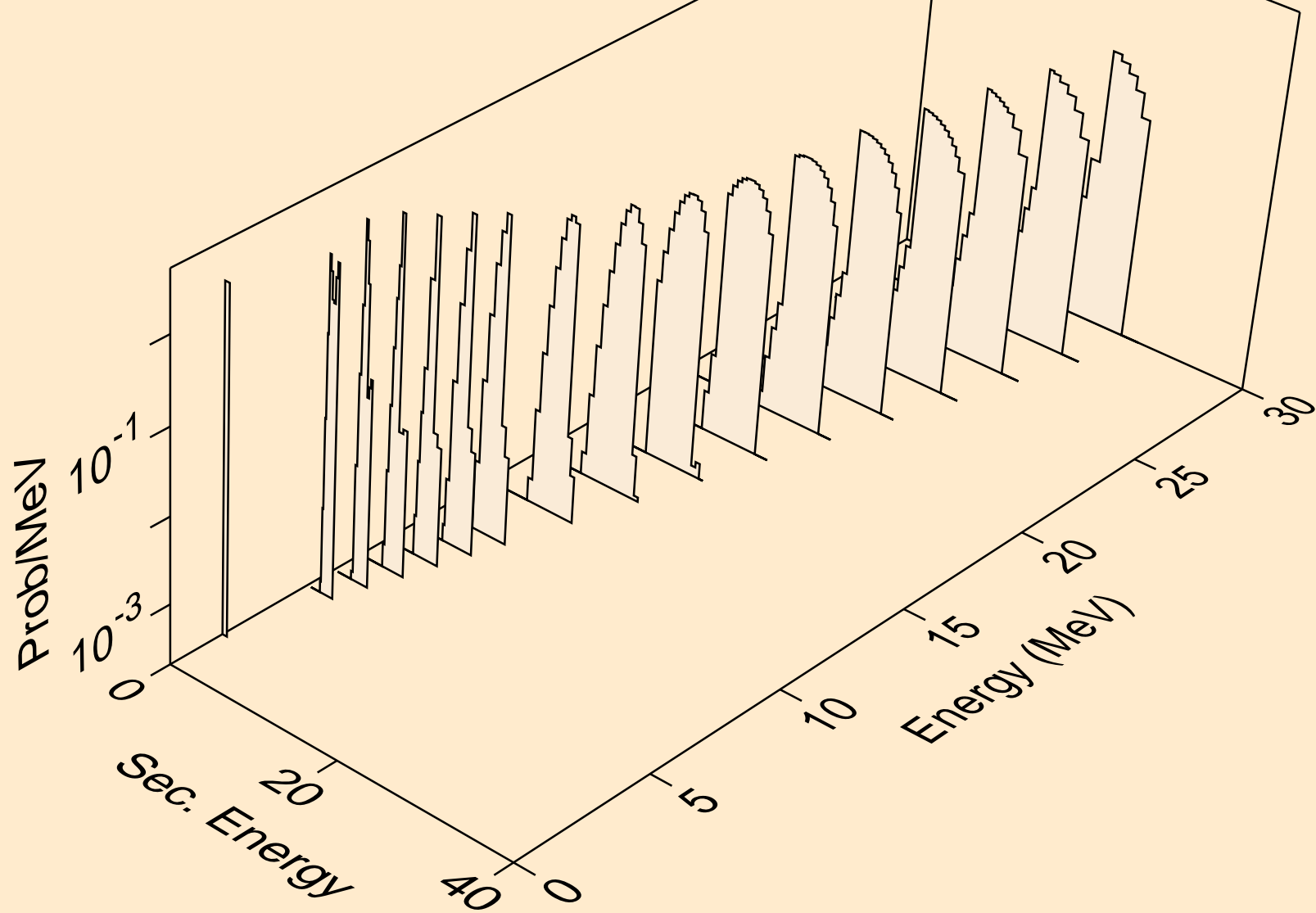


# ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K

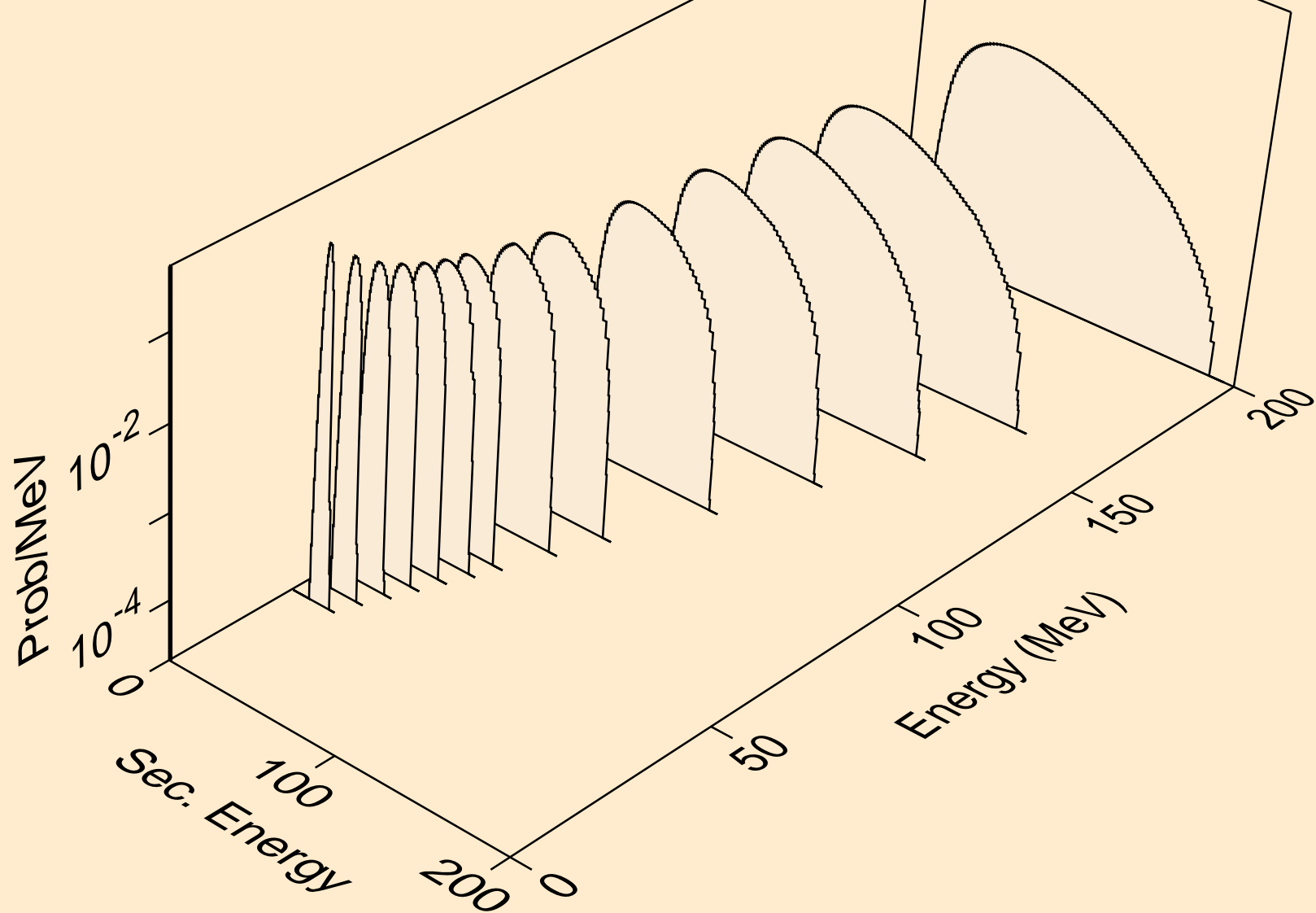
tritons from (p,n\*)t



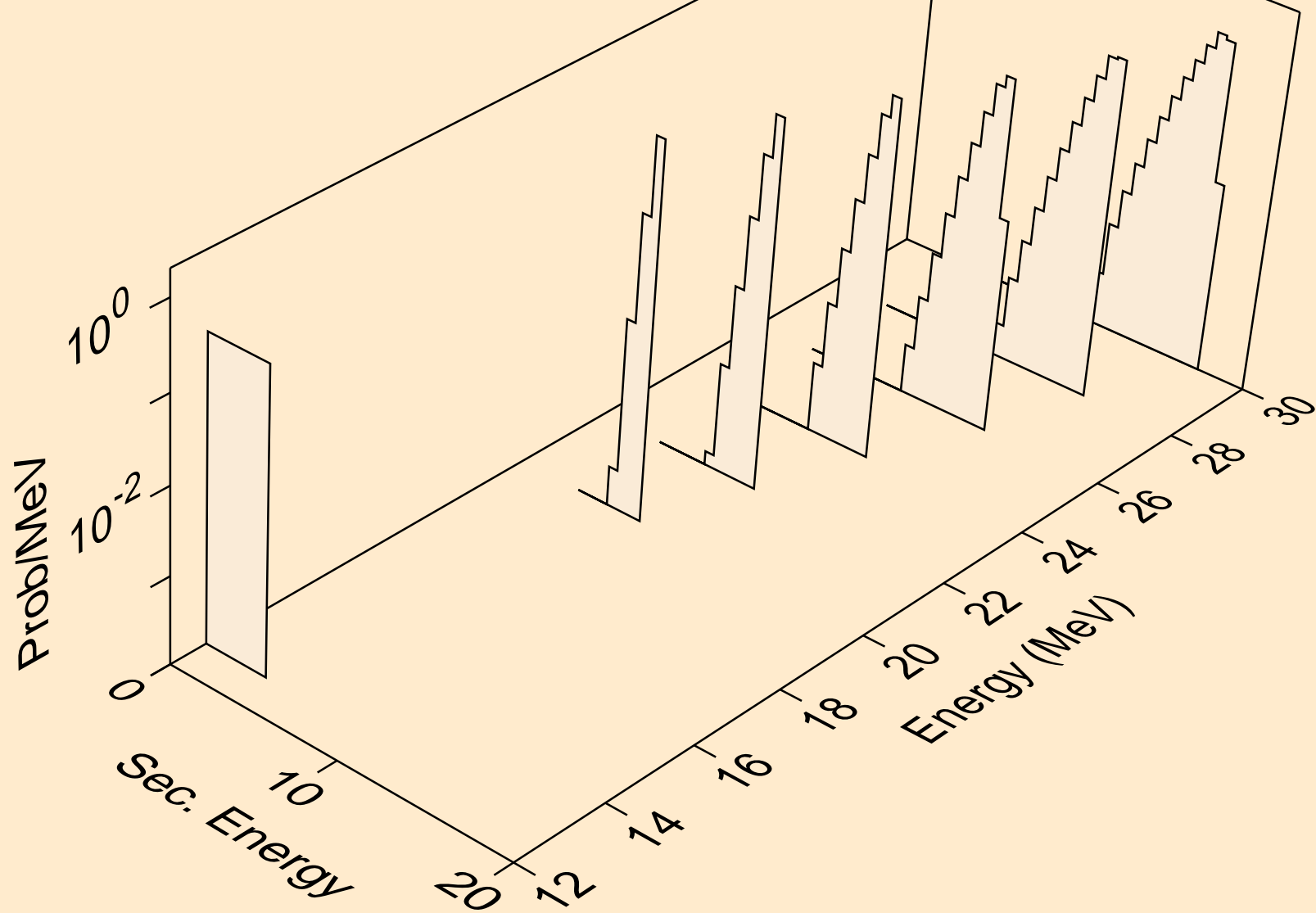
ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,t)



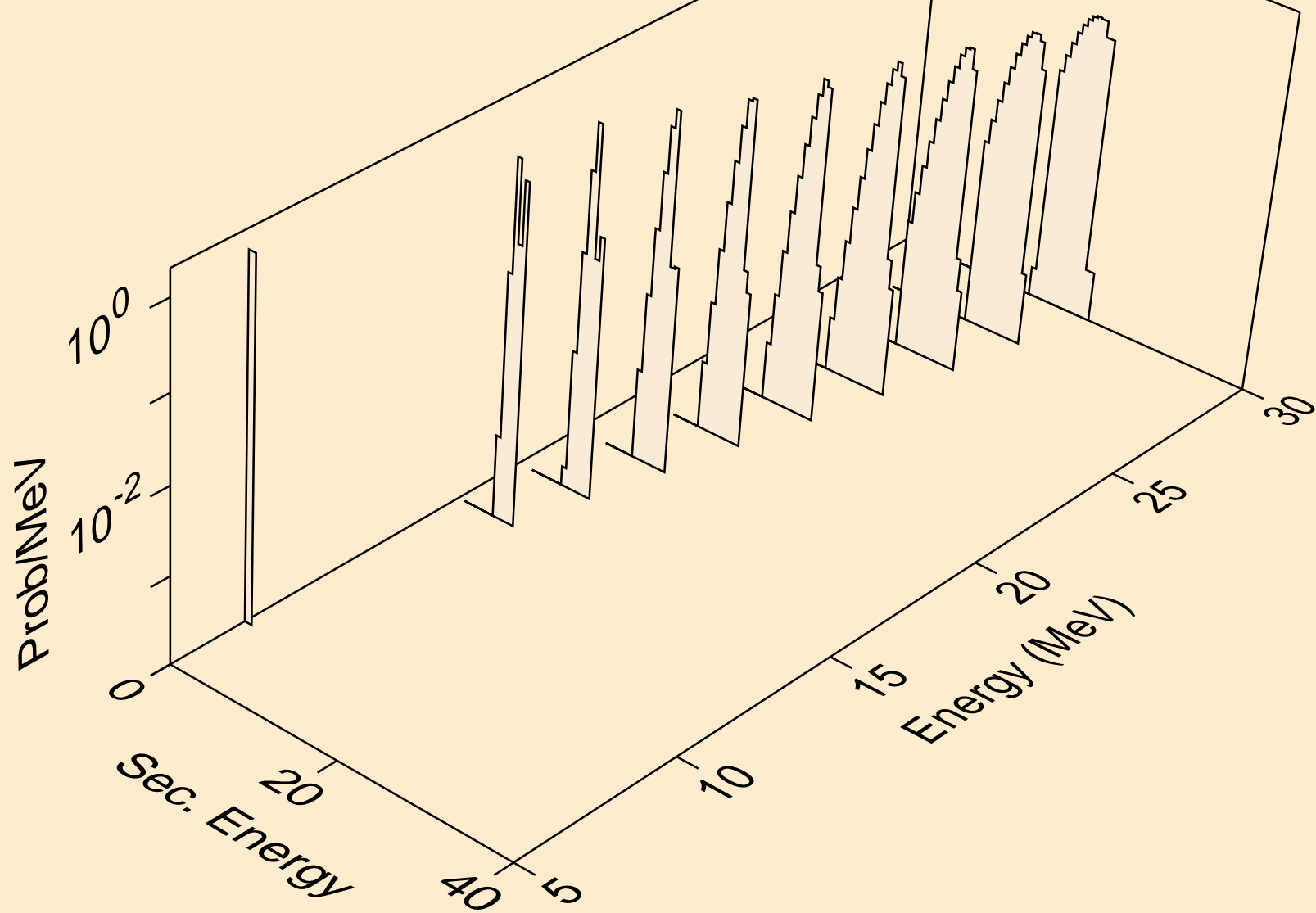
ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)



ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3

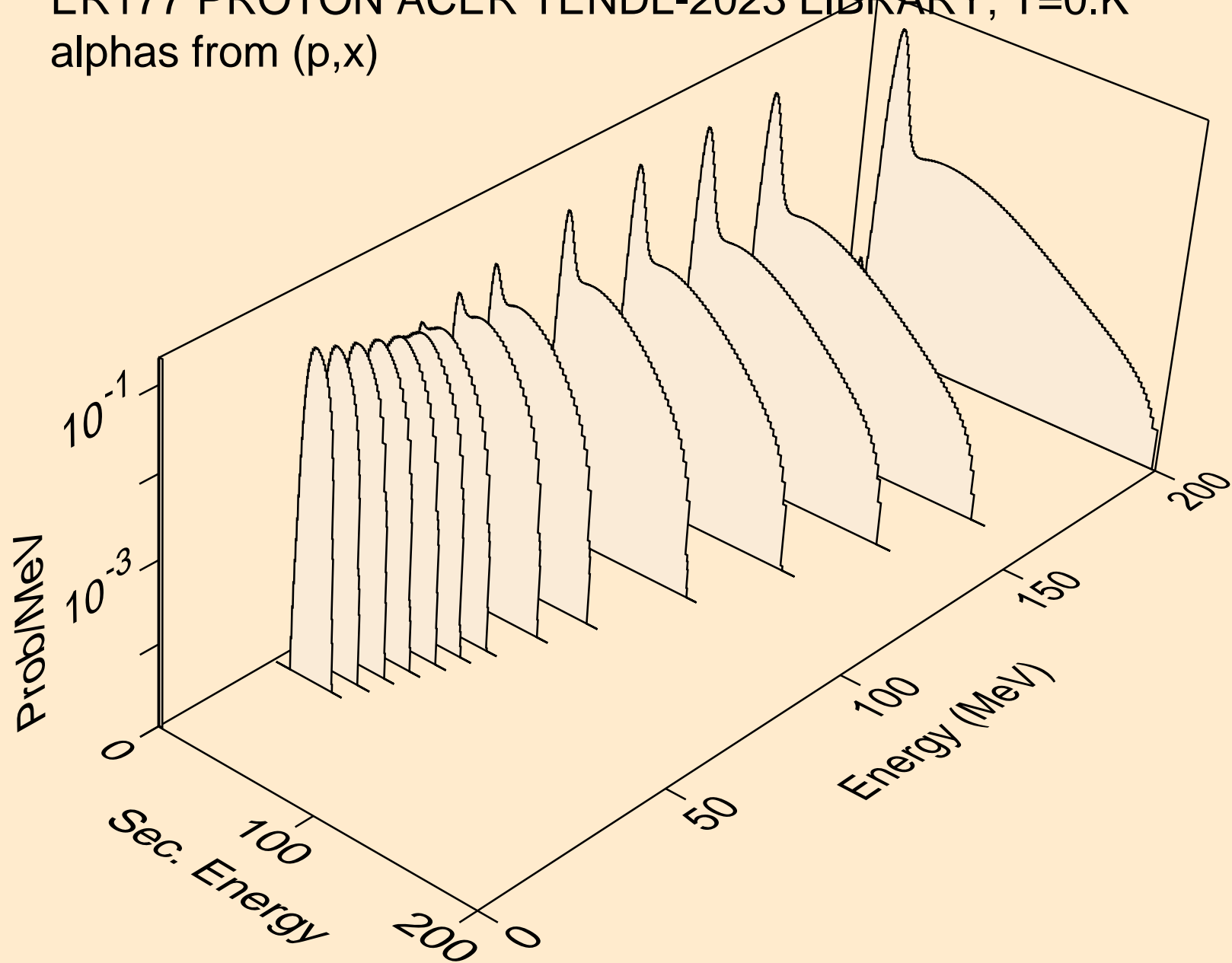


ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,he3)

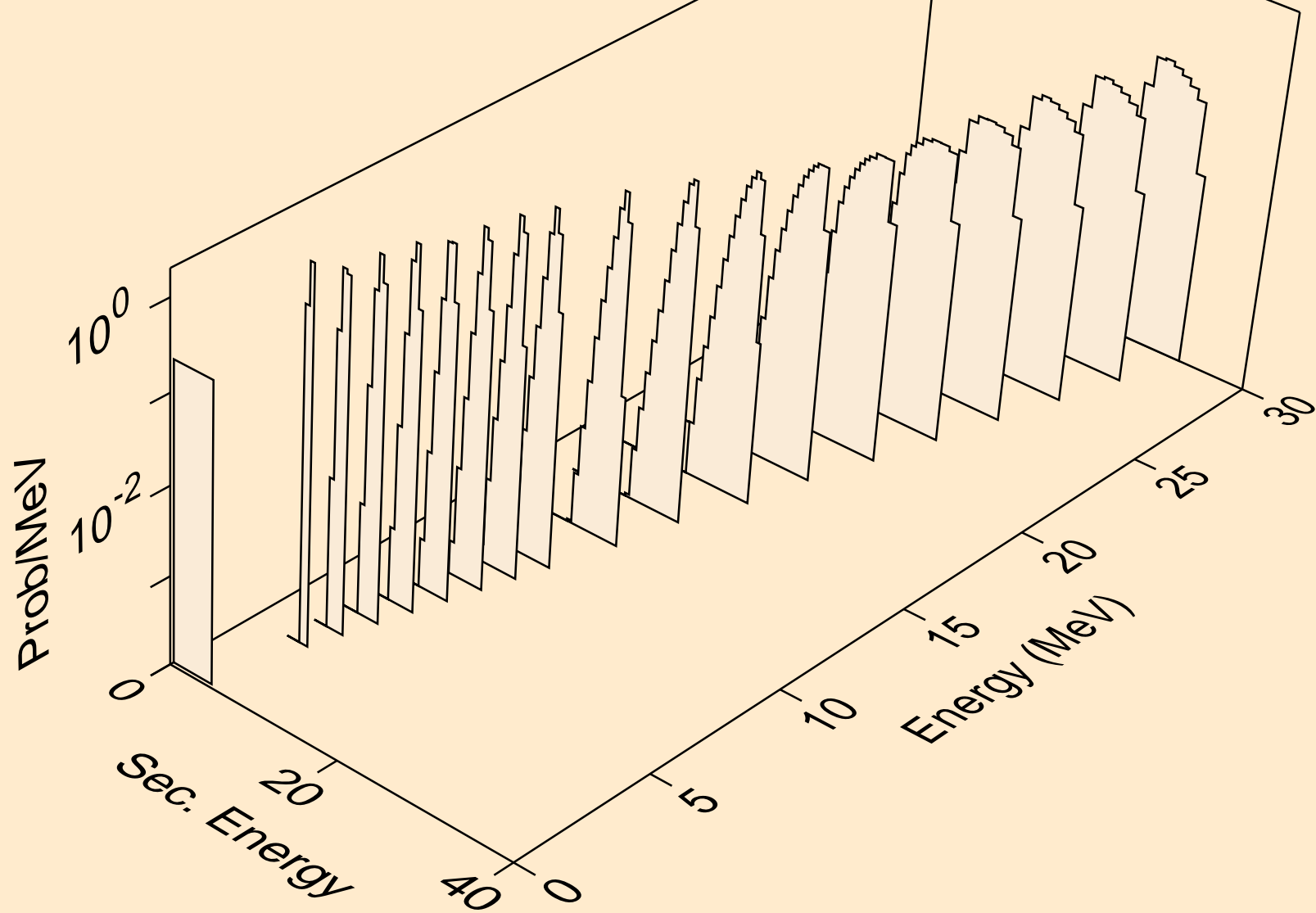




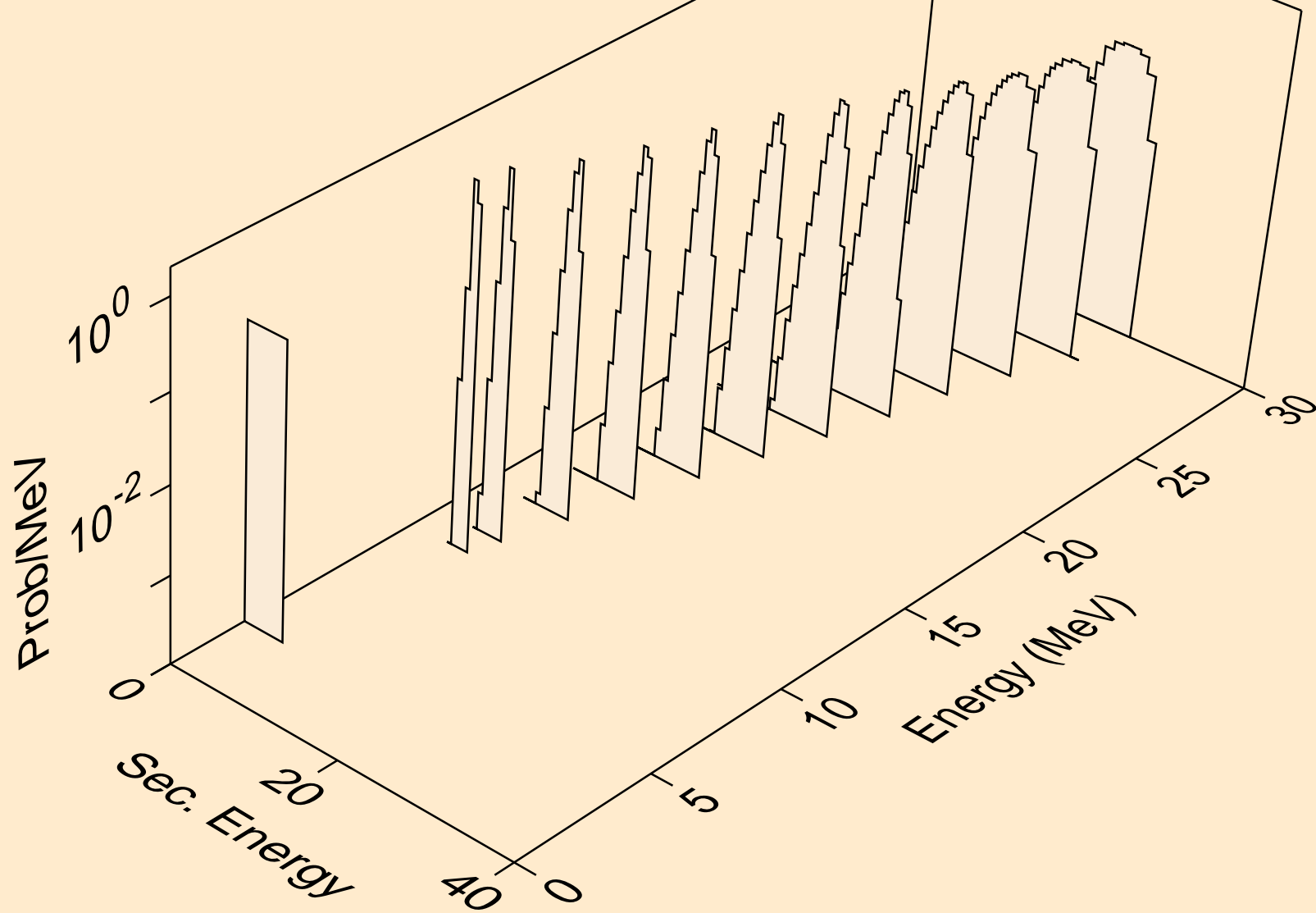
ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



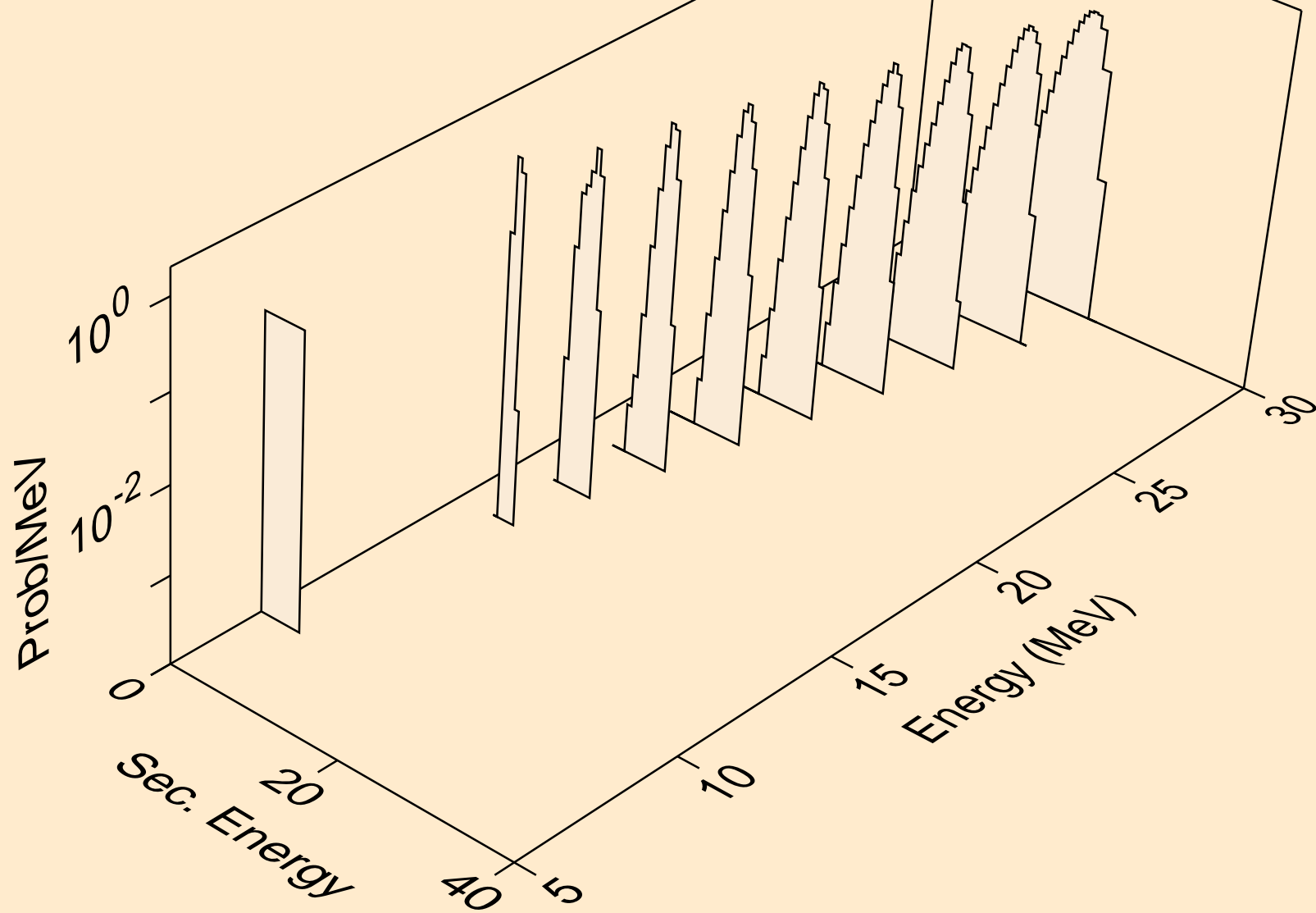
ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a



ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a



ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,3n)a



ER177 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)

