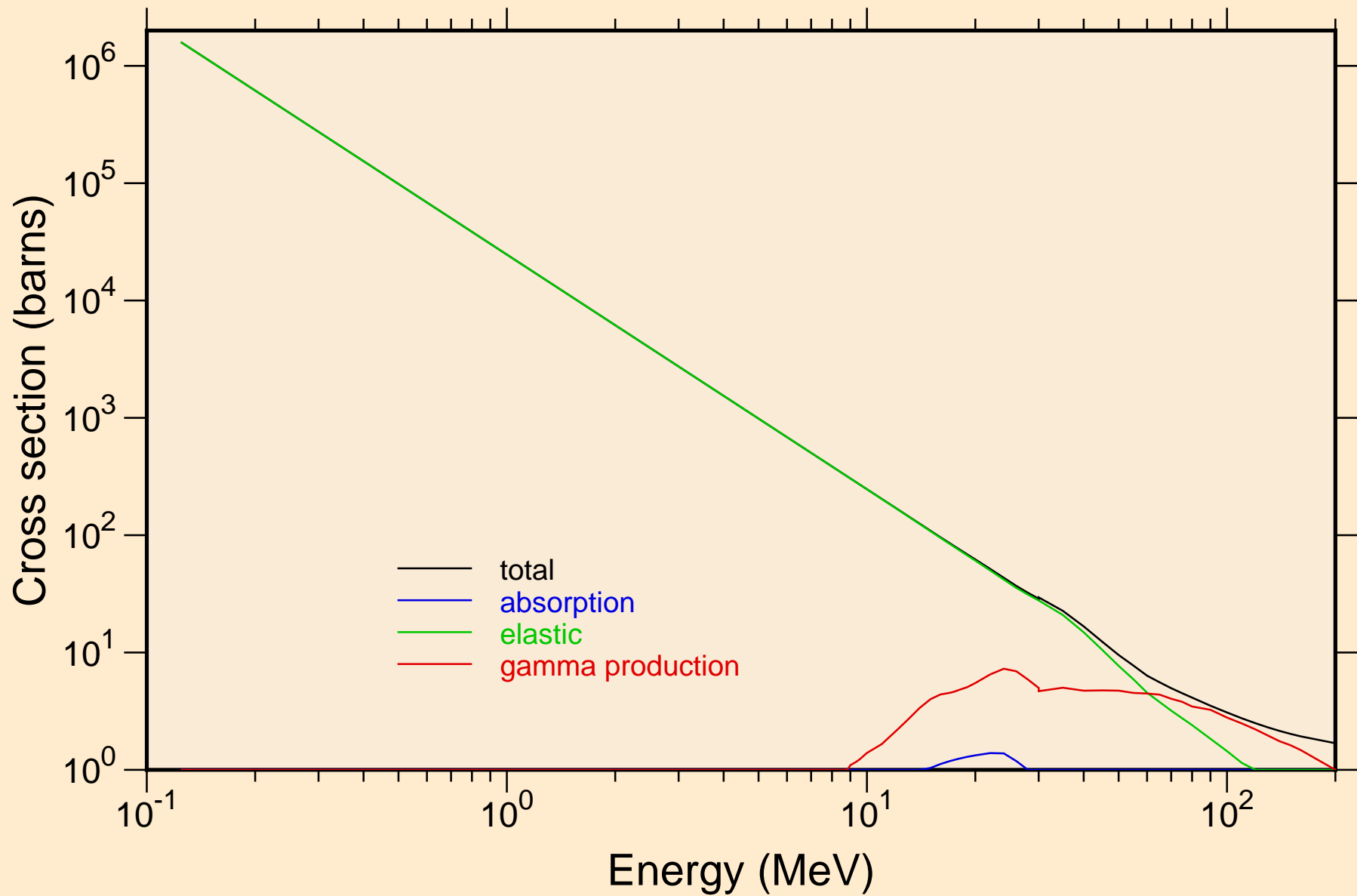


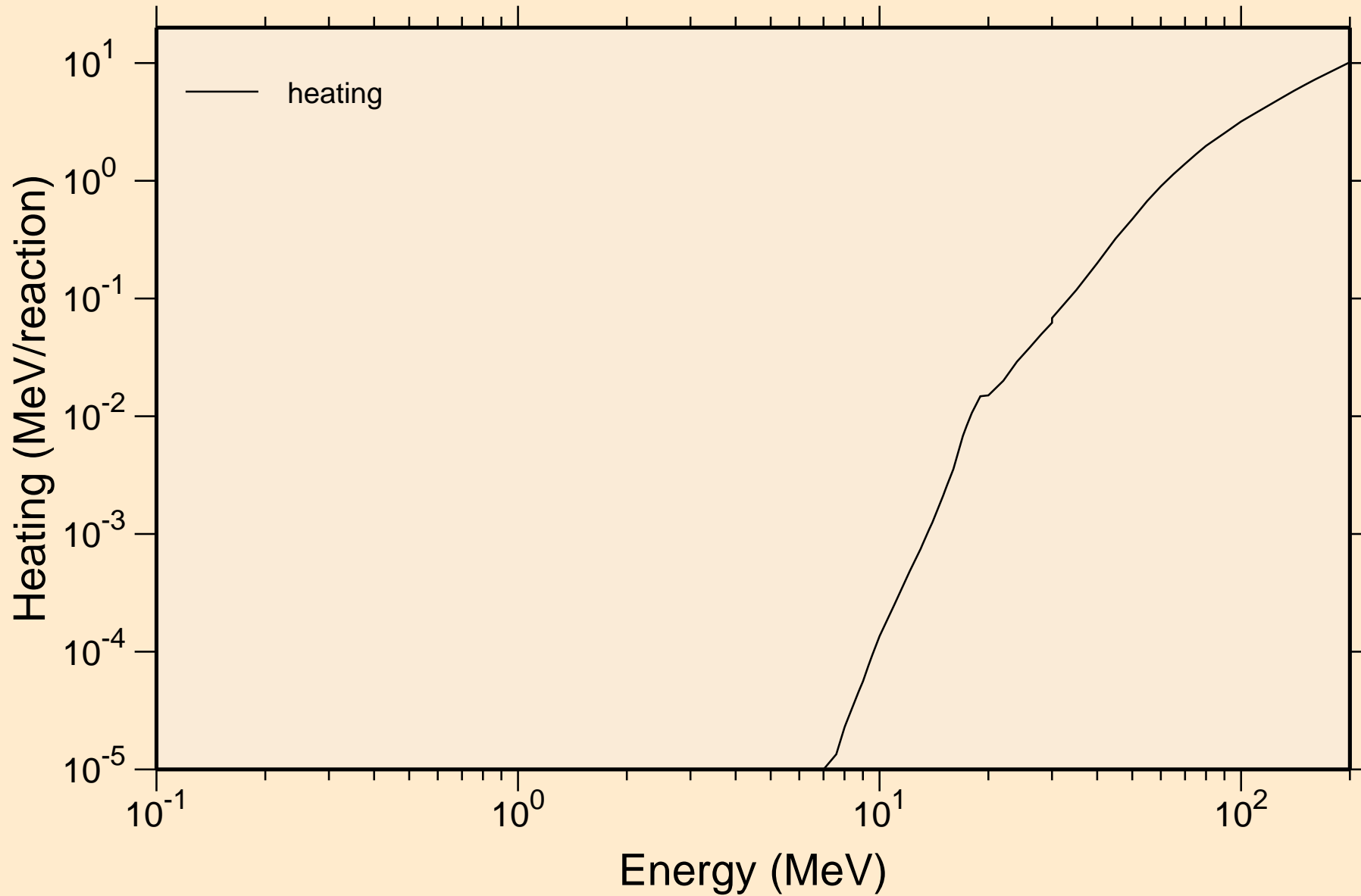
# EU163 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



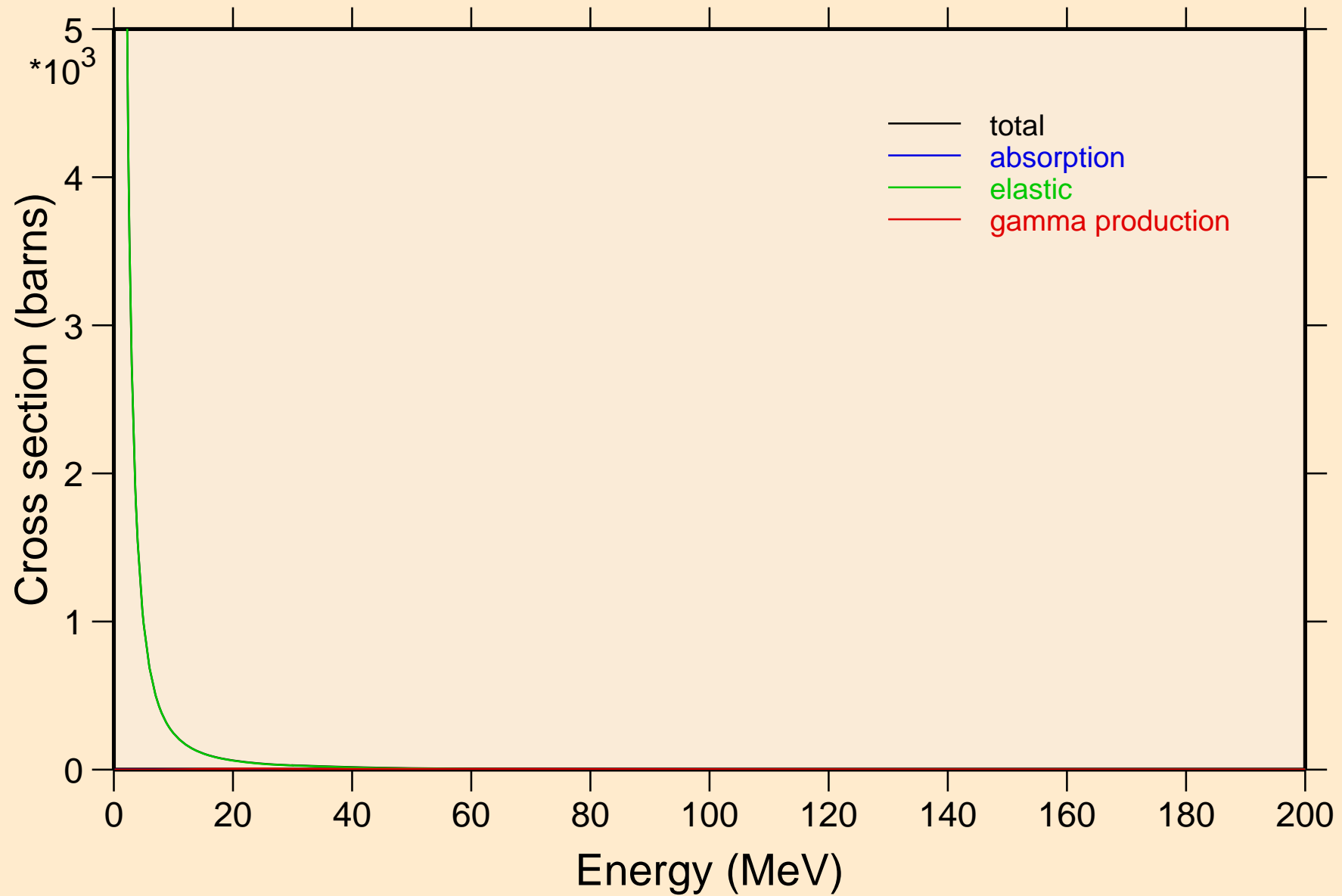
# EU163 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Heating



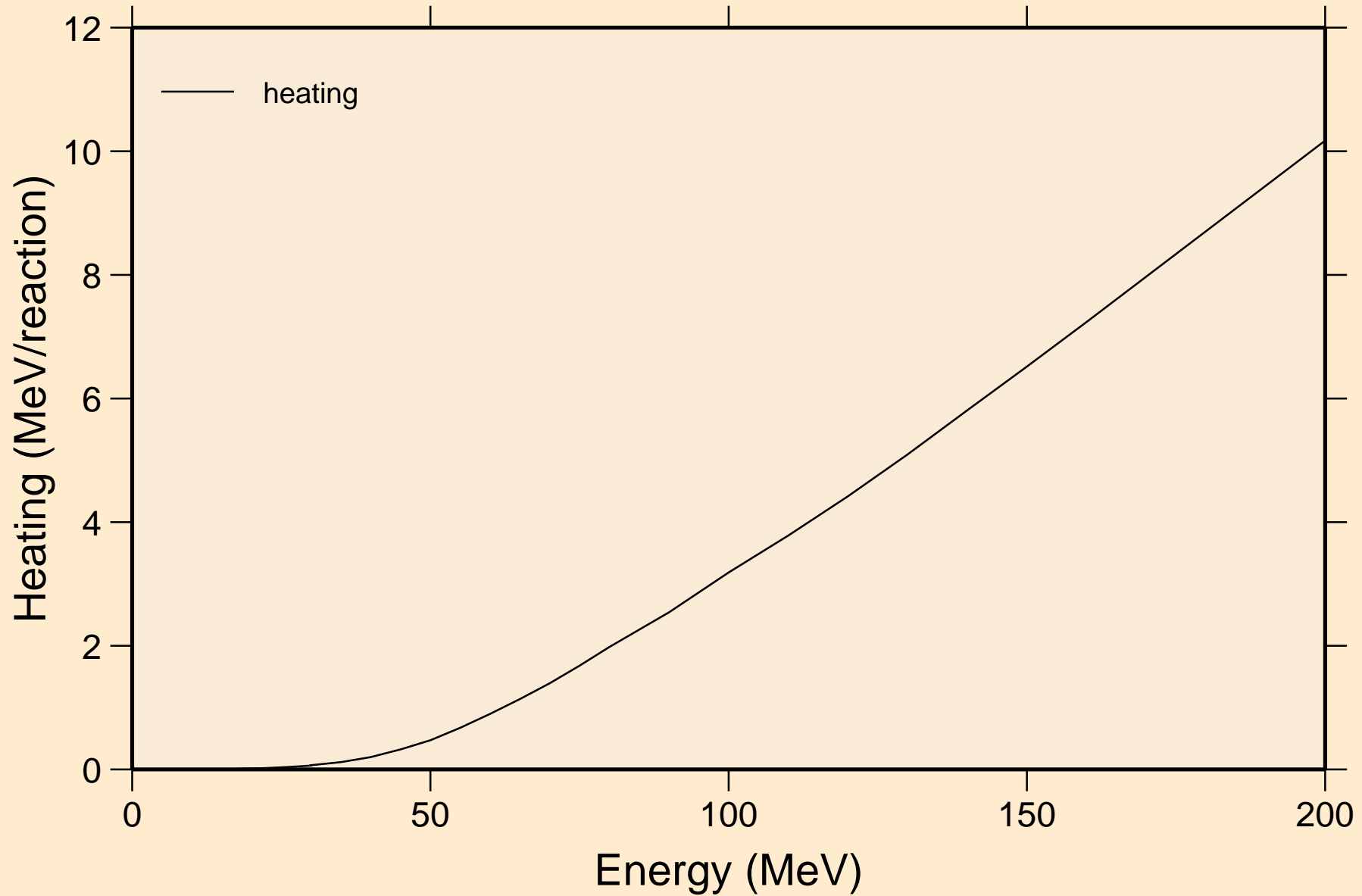
# EU163 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



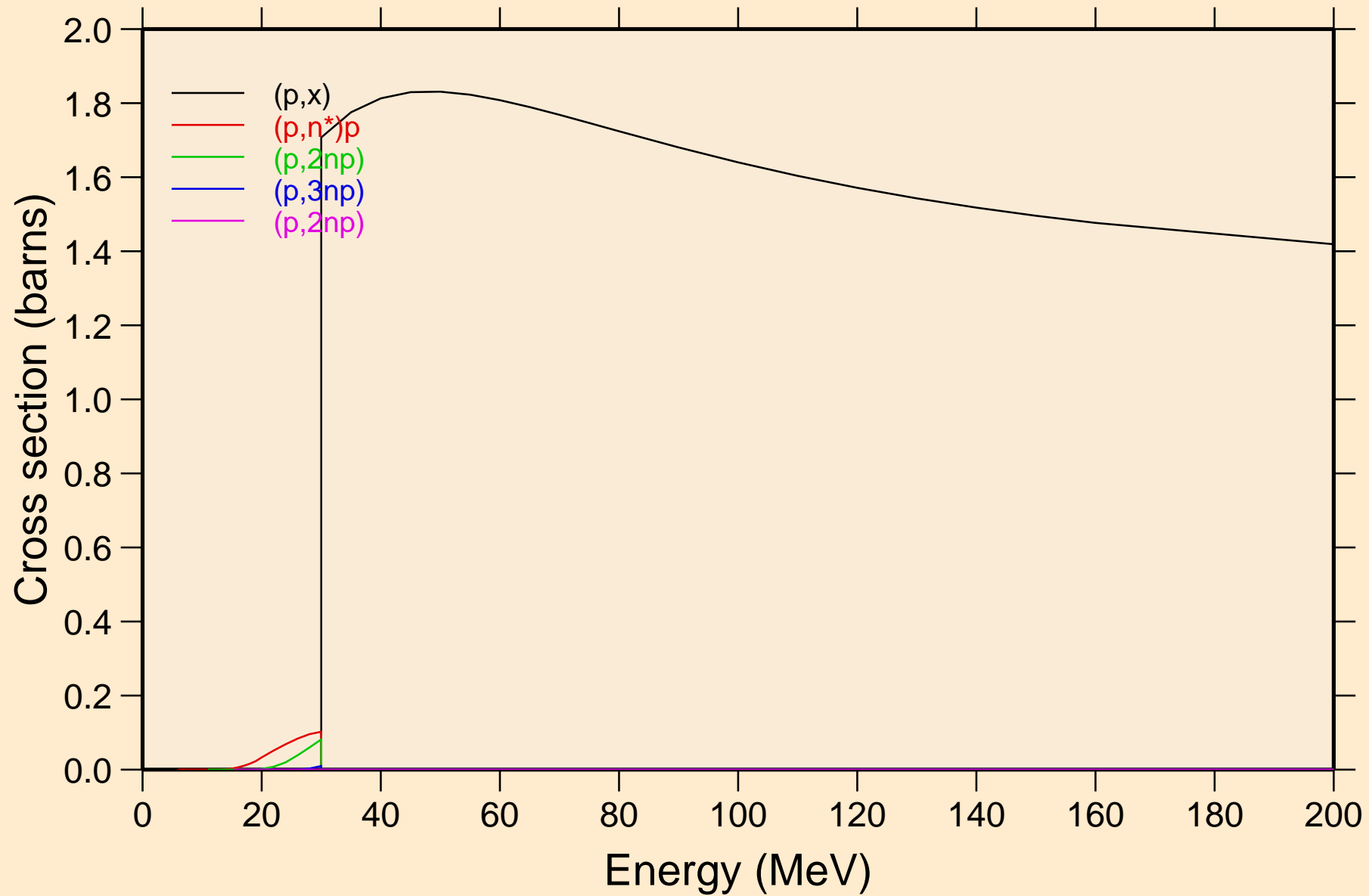
EU163 PROTON ACER TENDL-2021 LIBRARY; T=0.K

Heating



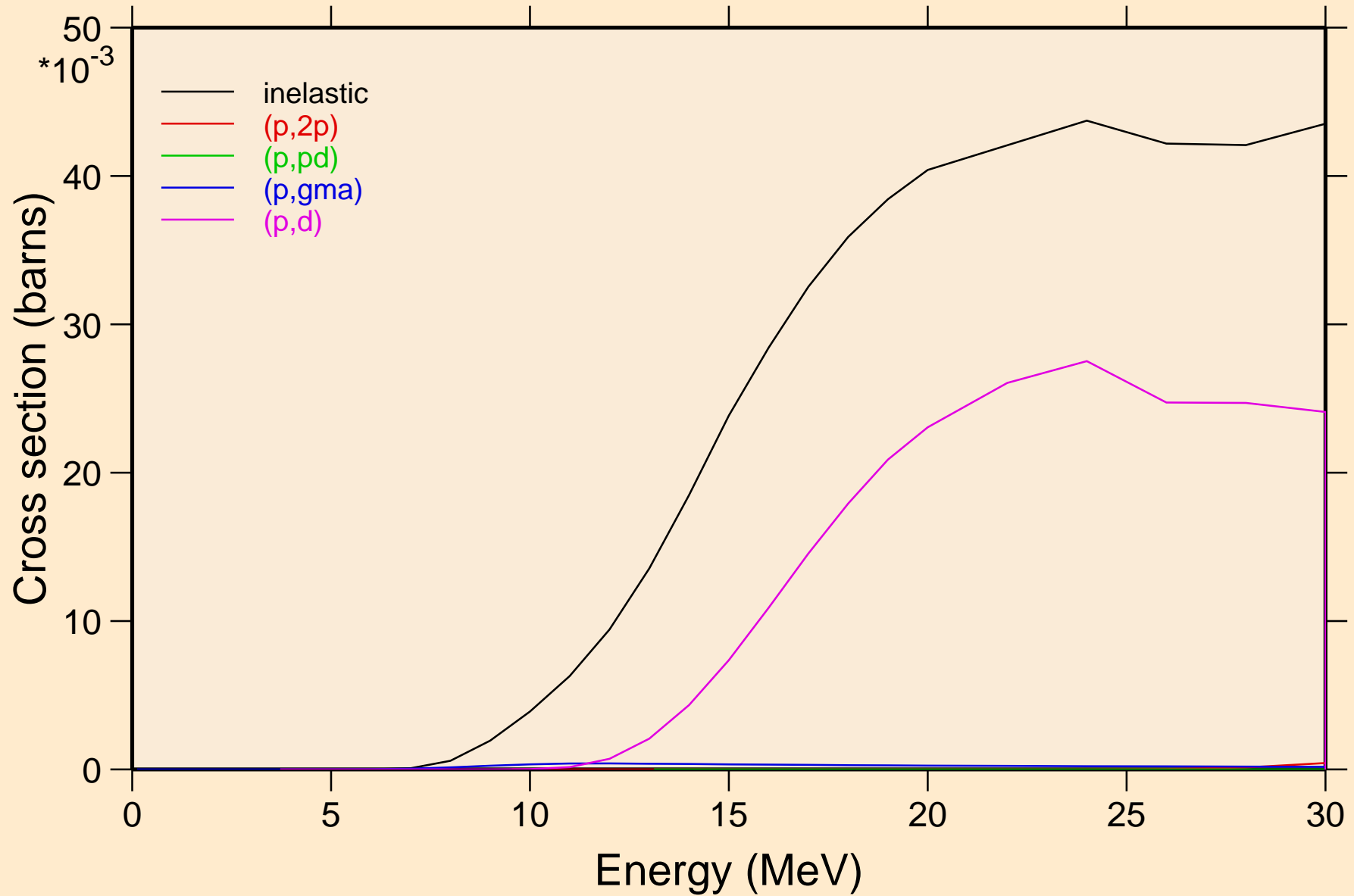
# EU163 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions



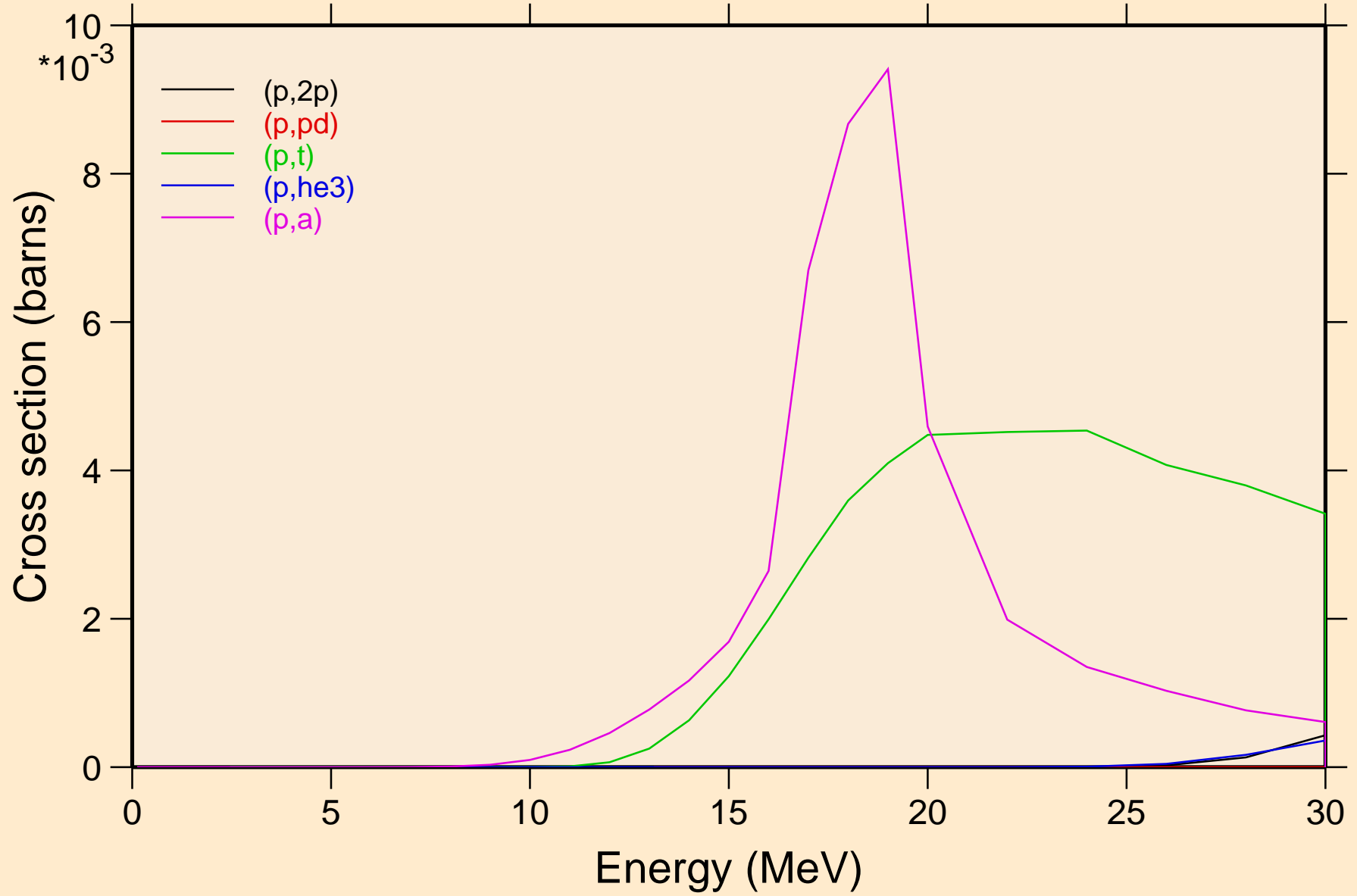
# EU163 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions

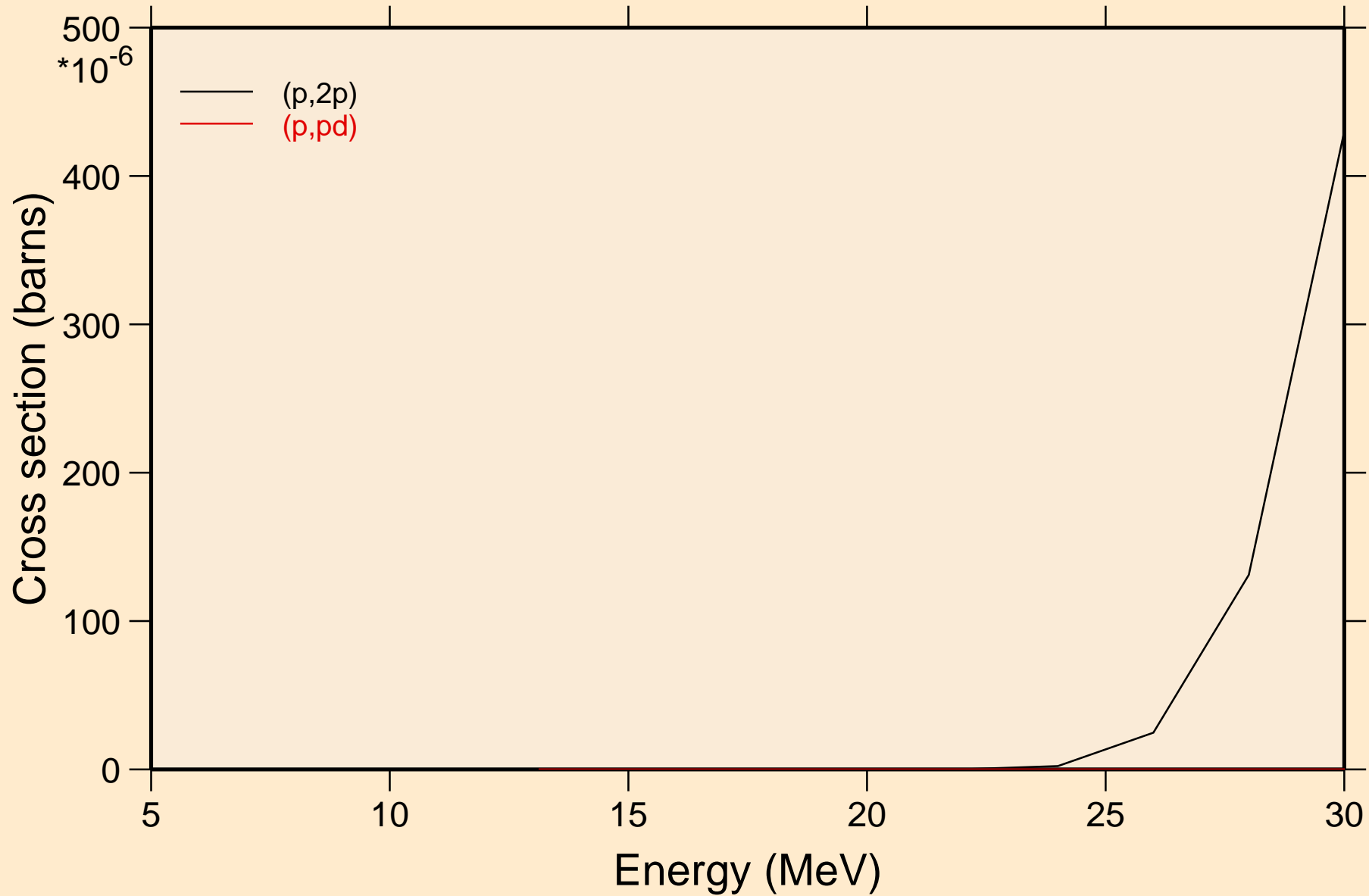


# EU163 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions

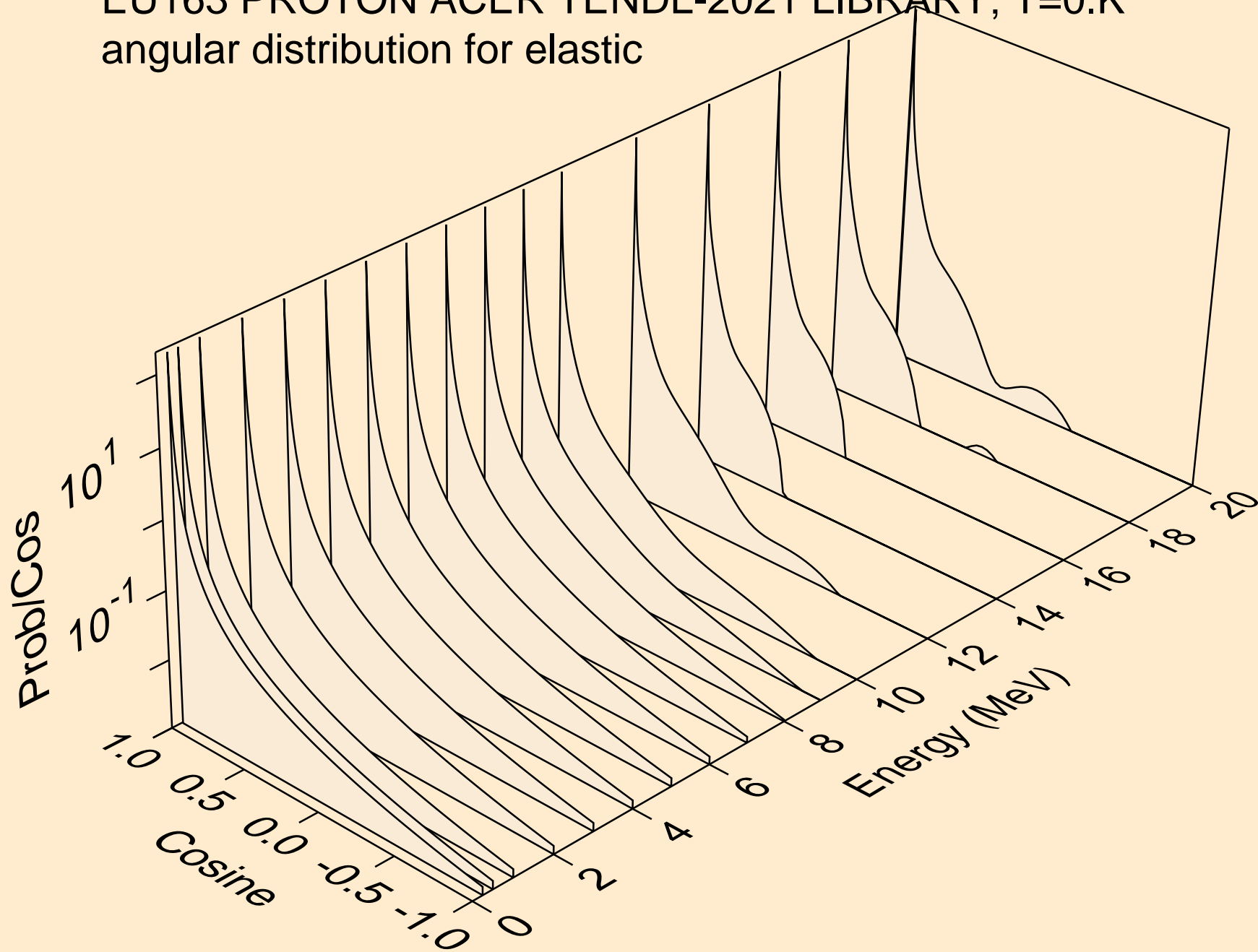


EU163 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

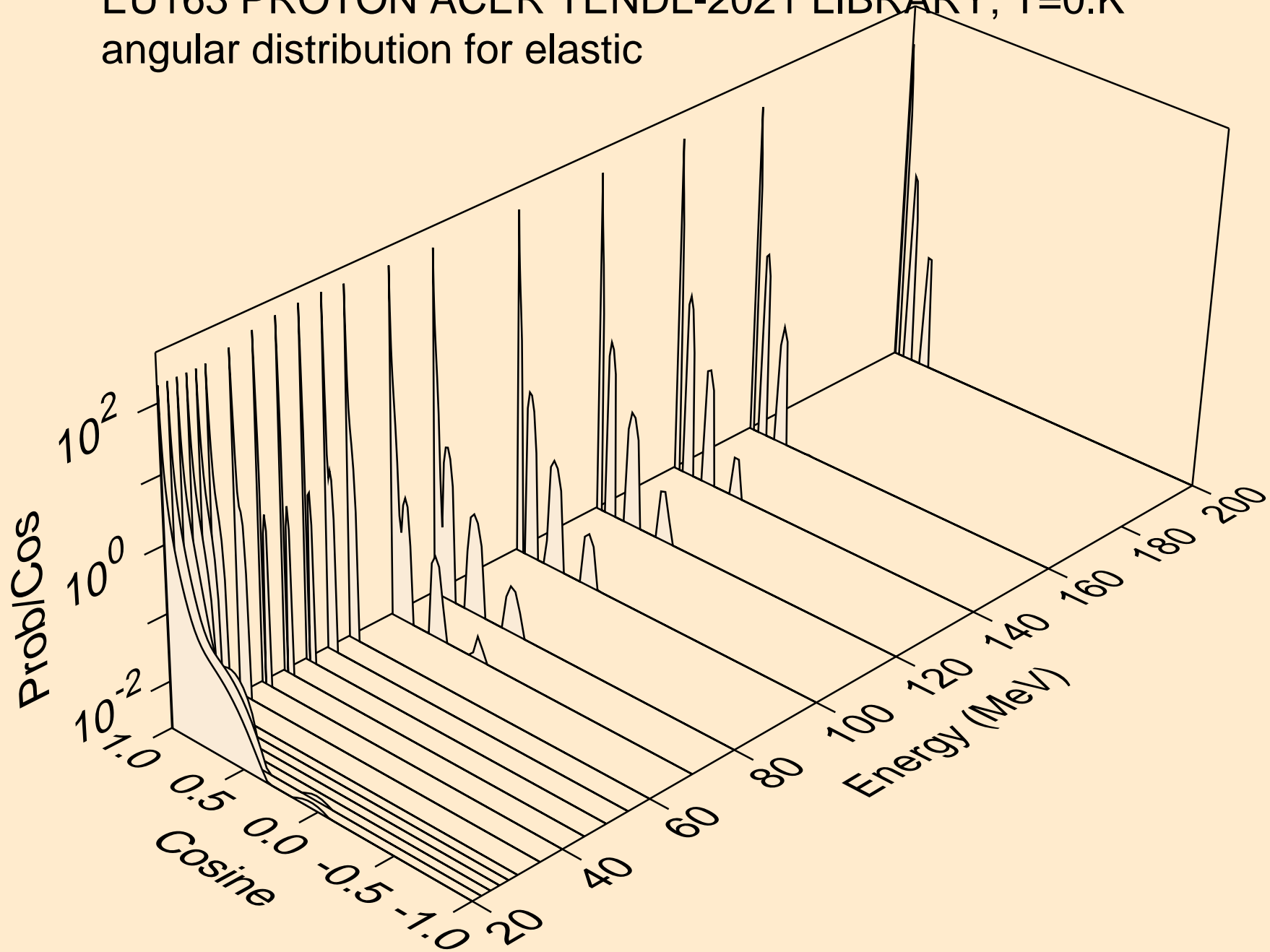




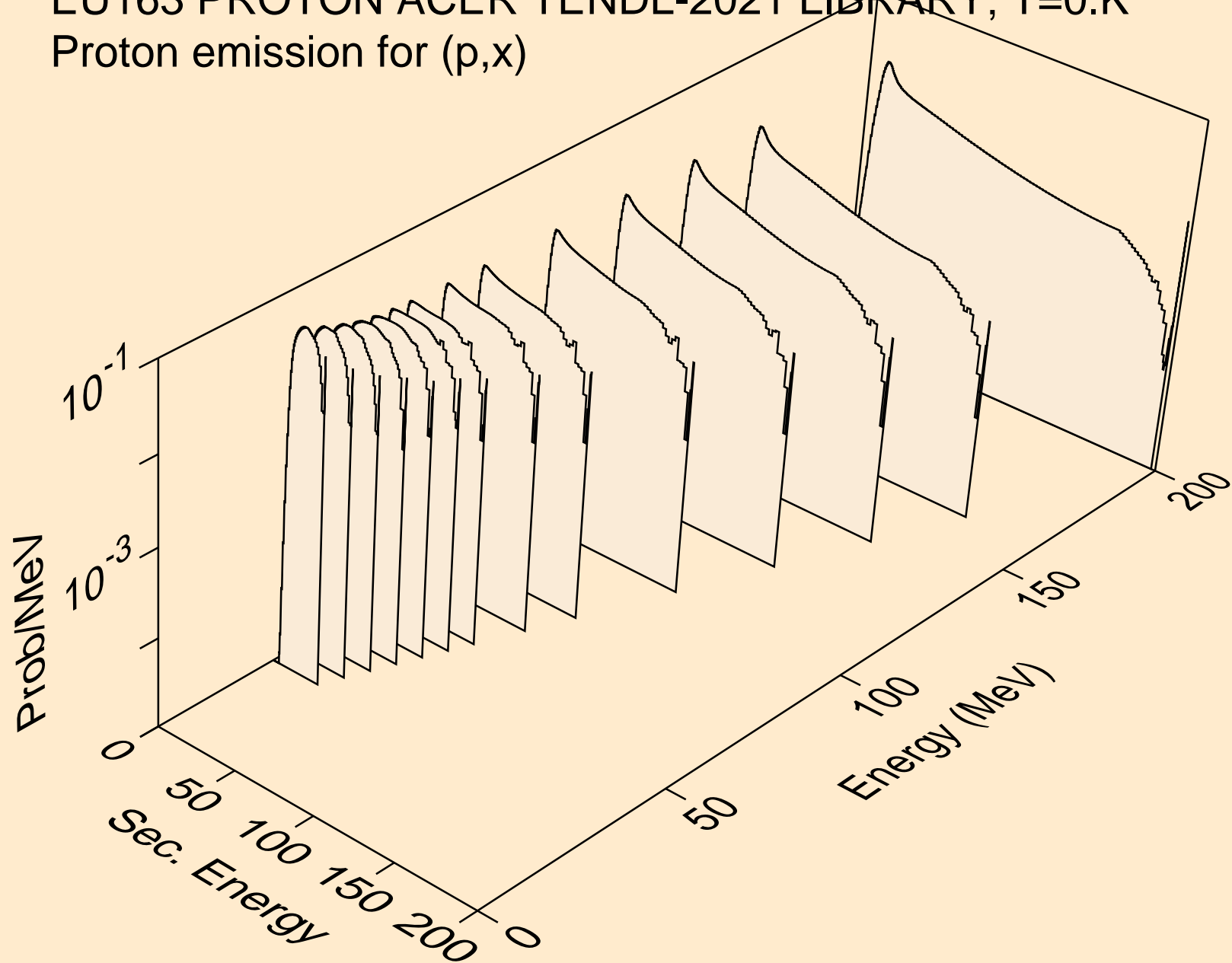
EU163 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



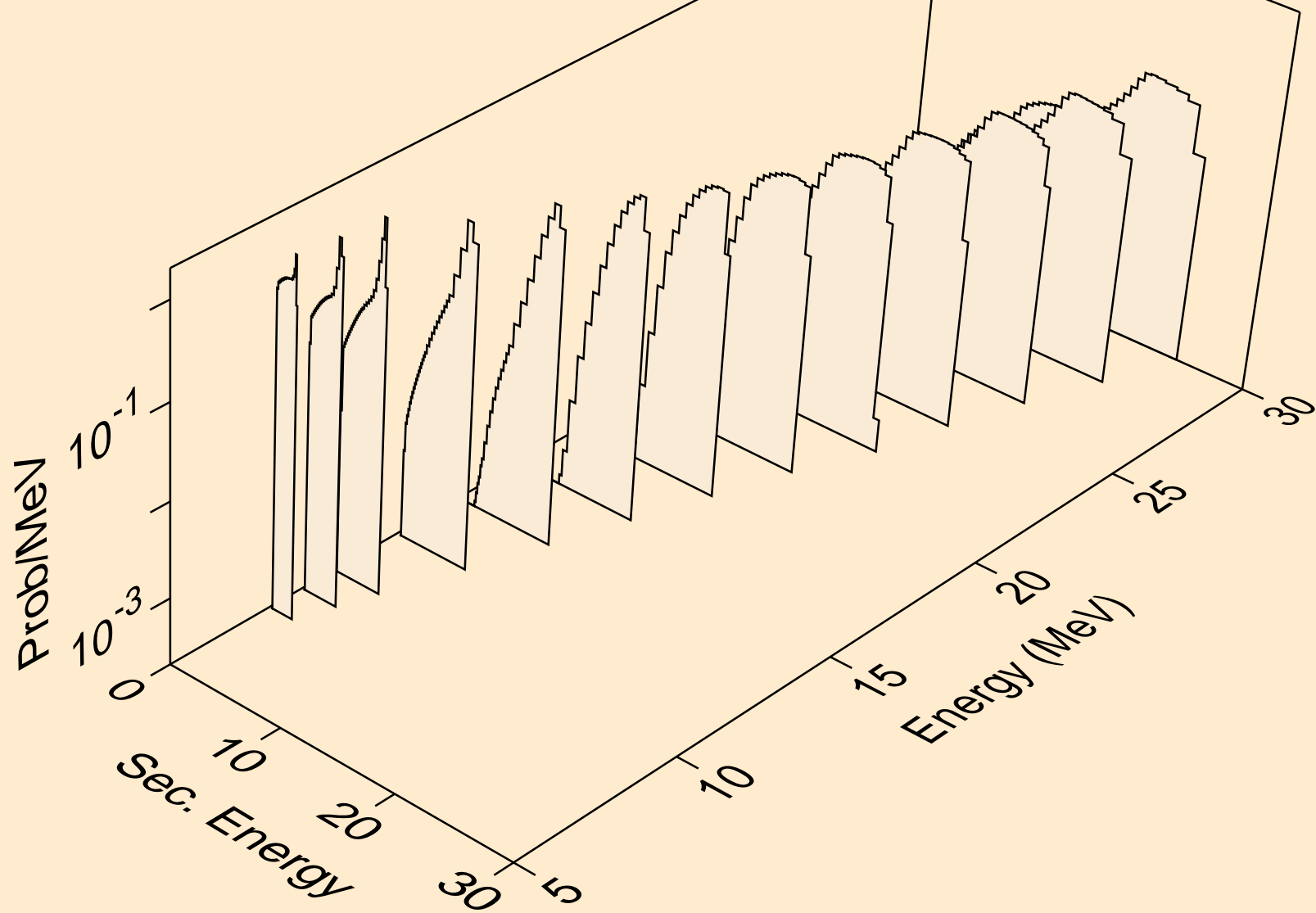
EU163 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



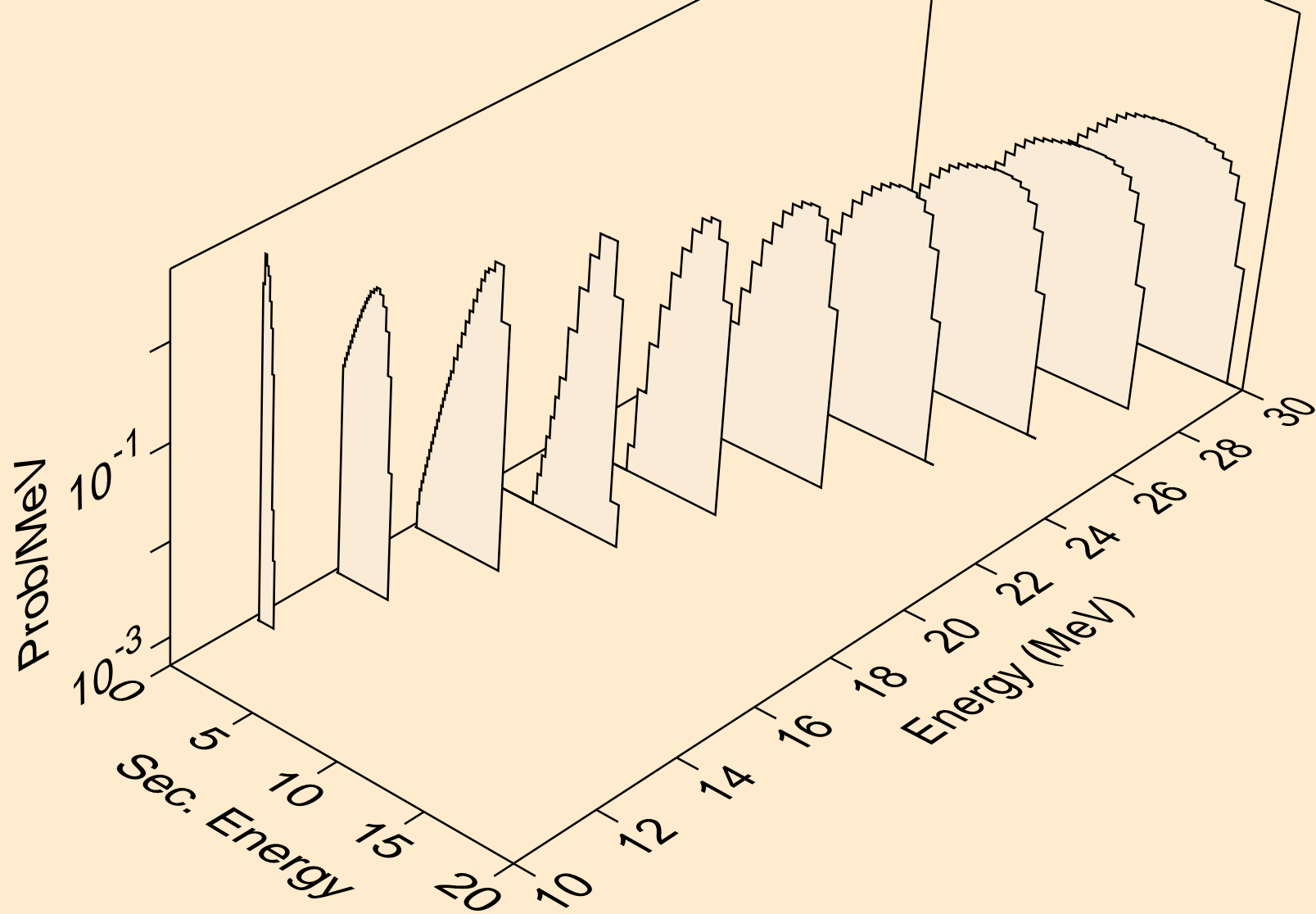
EU163 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,x)



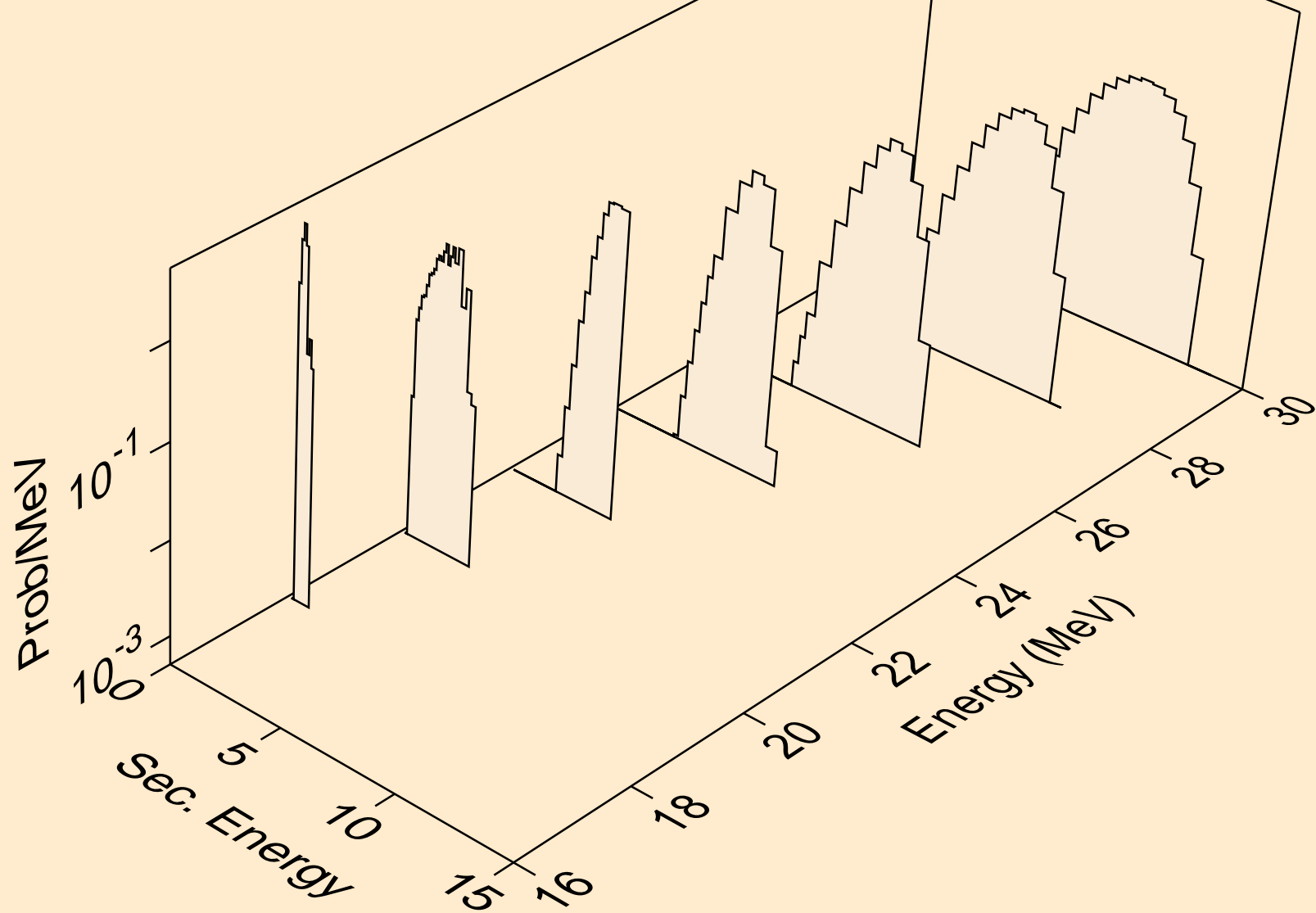
EU163 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



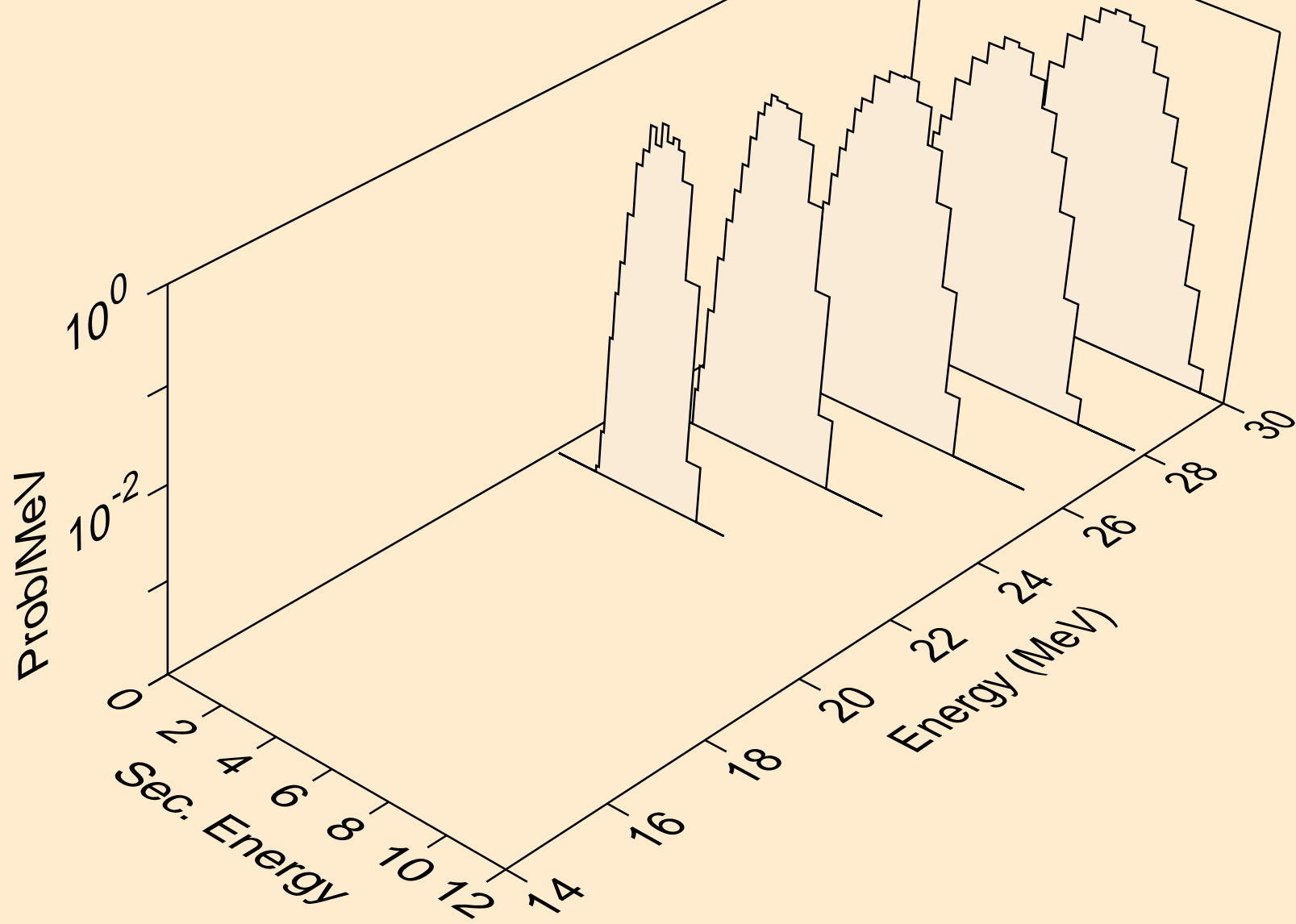
EU163 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)



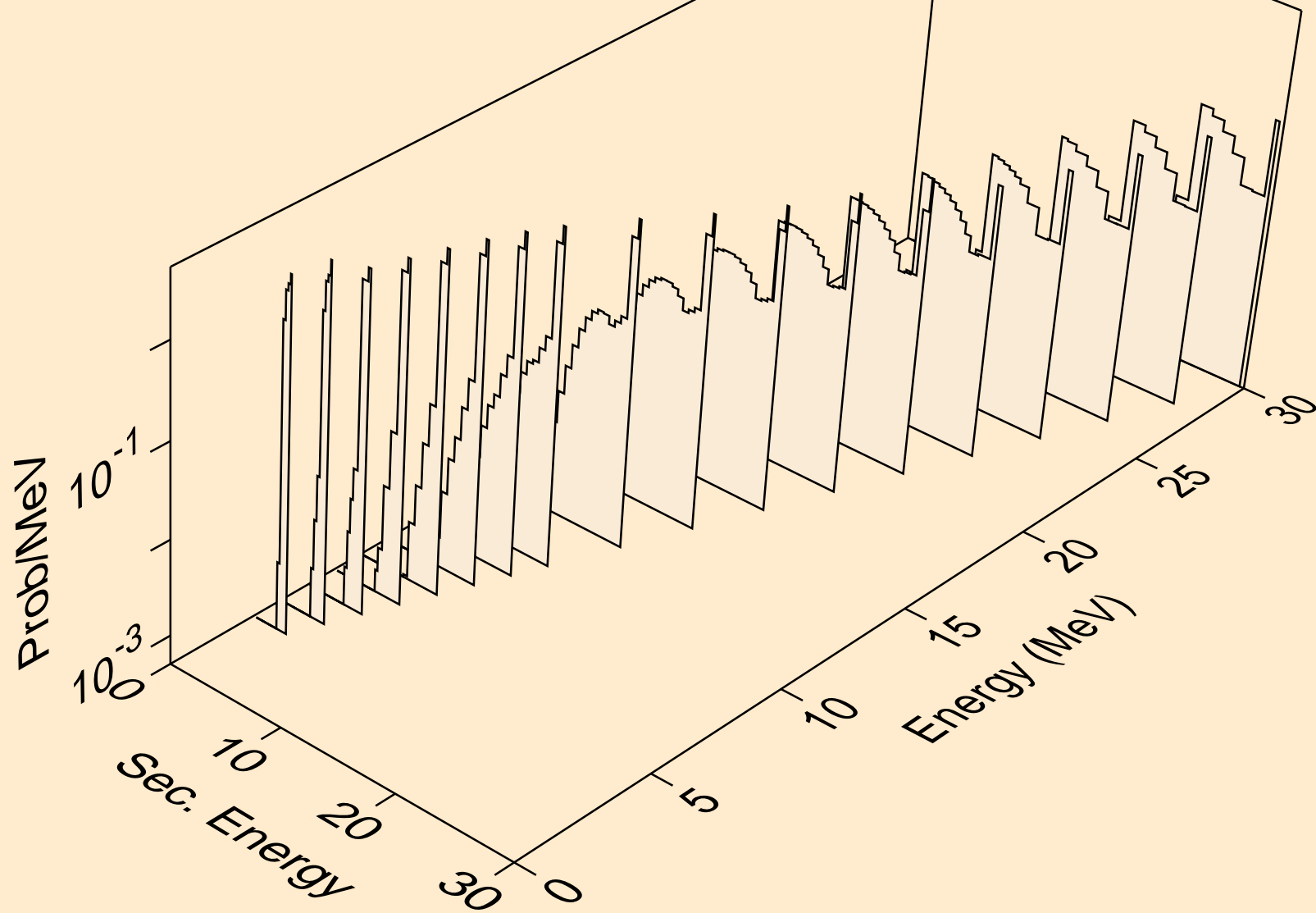
EU163 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,3np)



EU163 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)

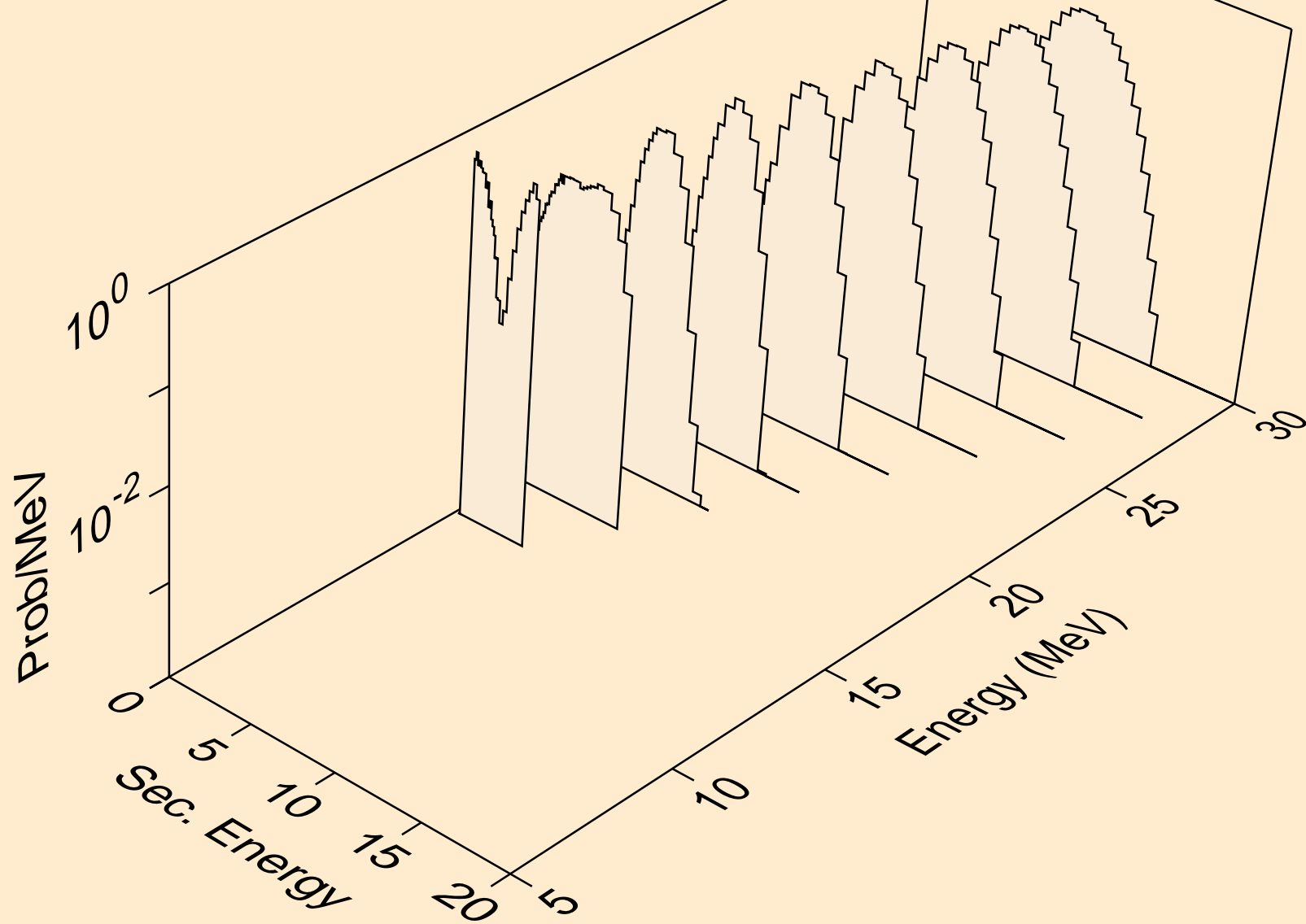


EU163 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for inelastic

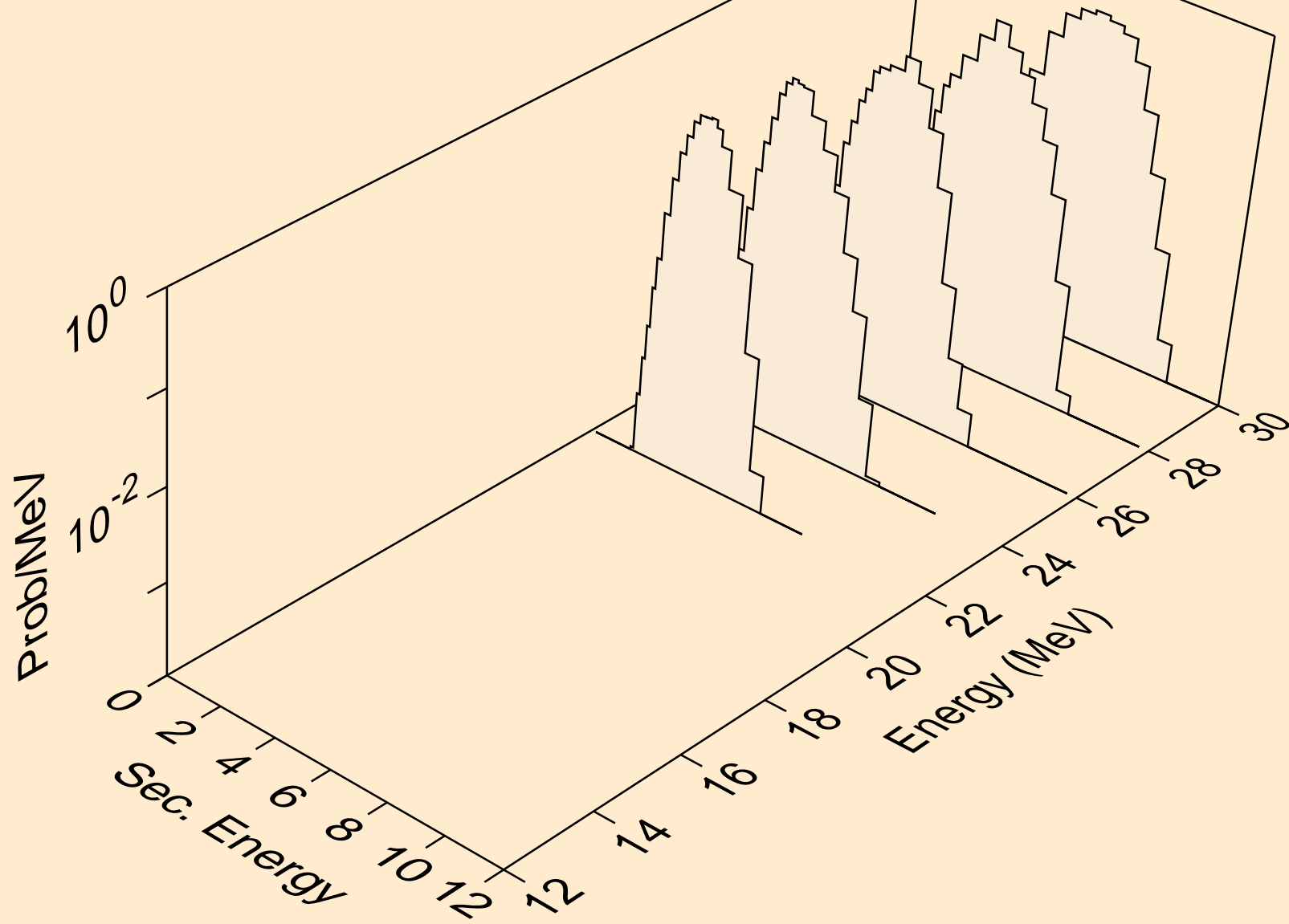




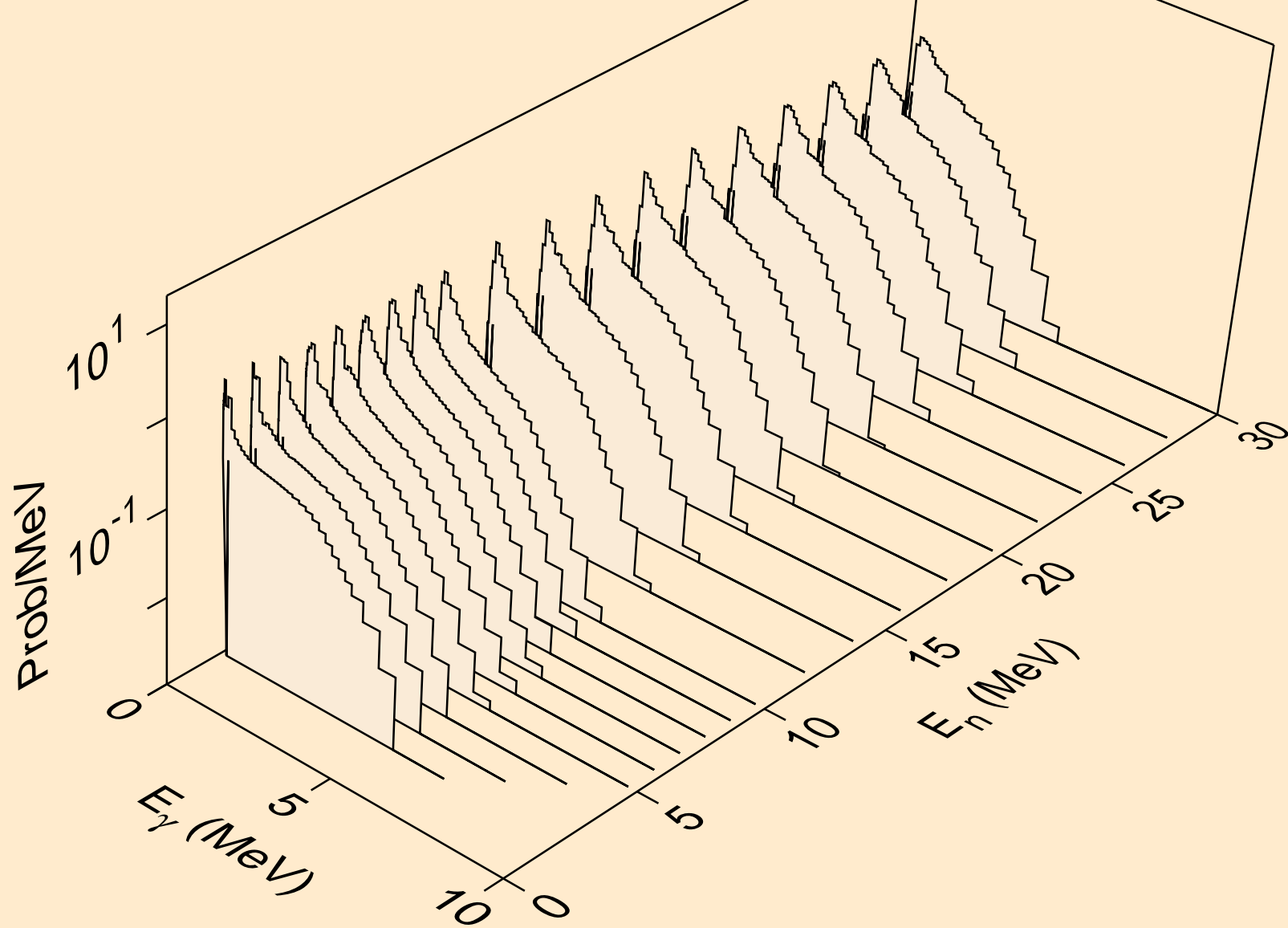
EU163 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2p)



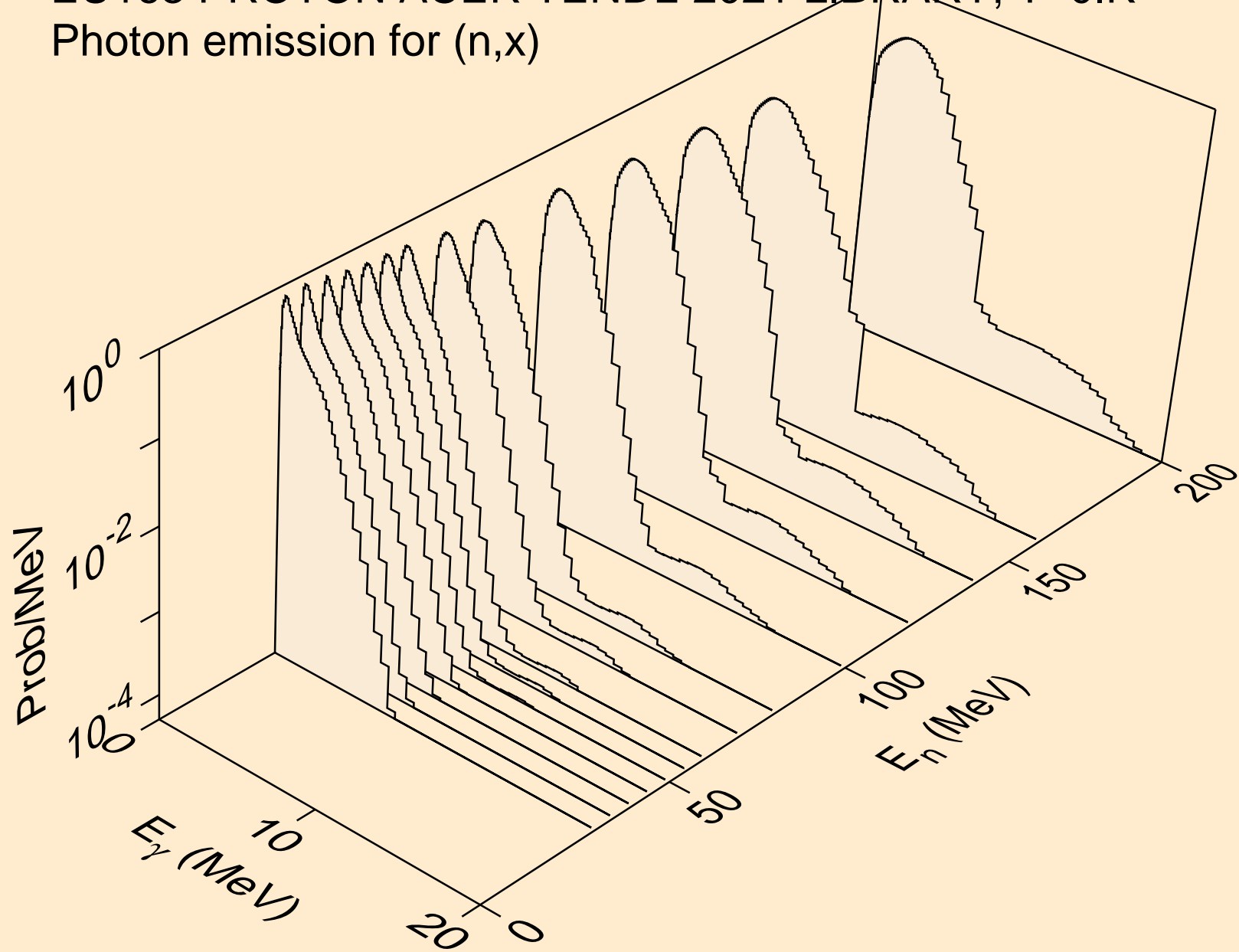
EU163 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,pd)



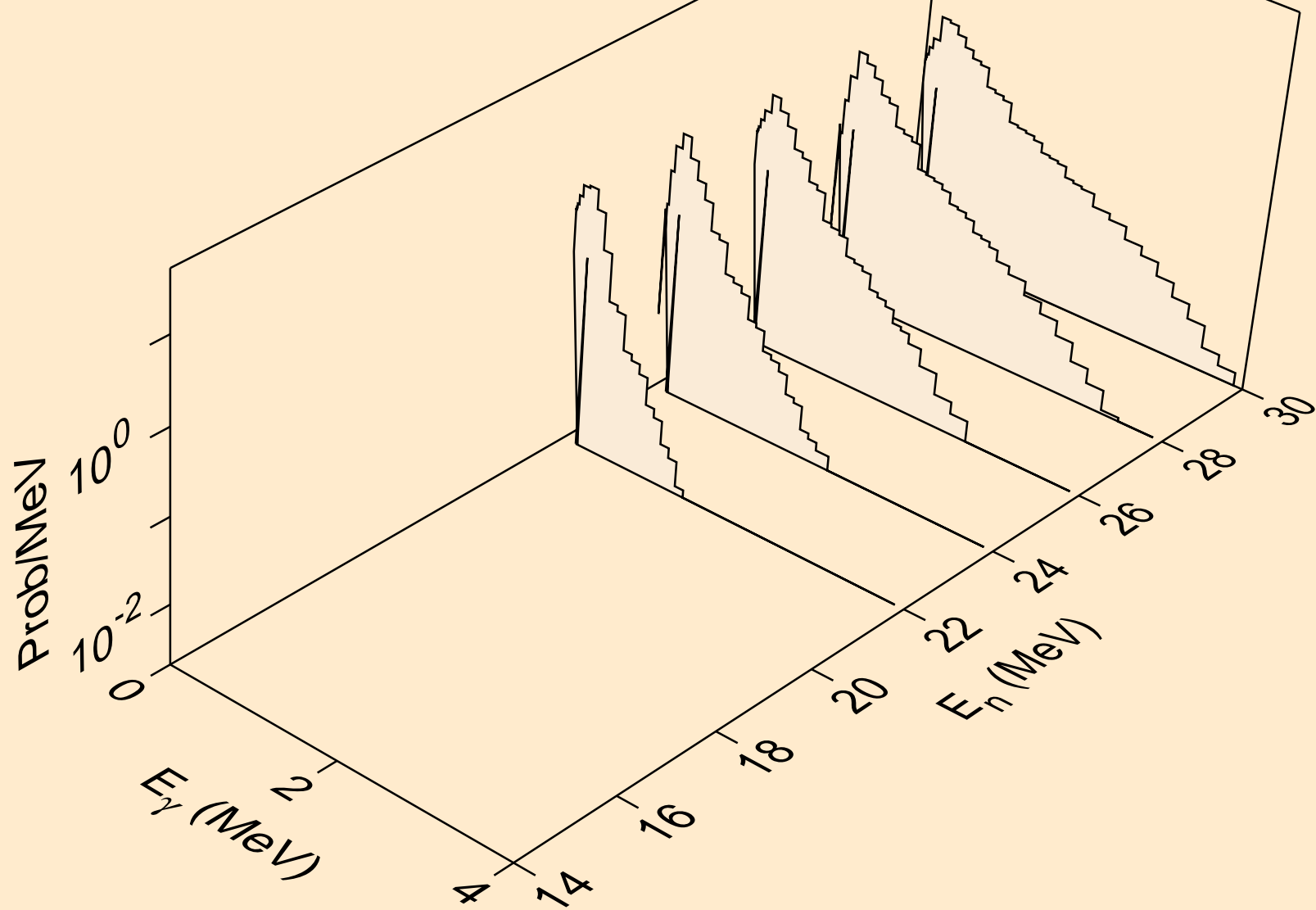
EU163 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



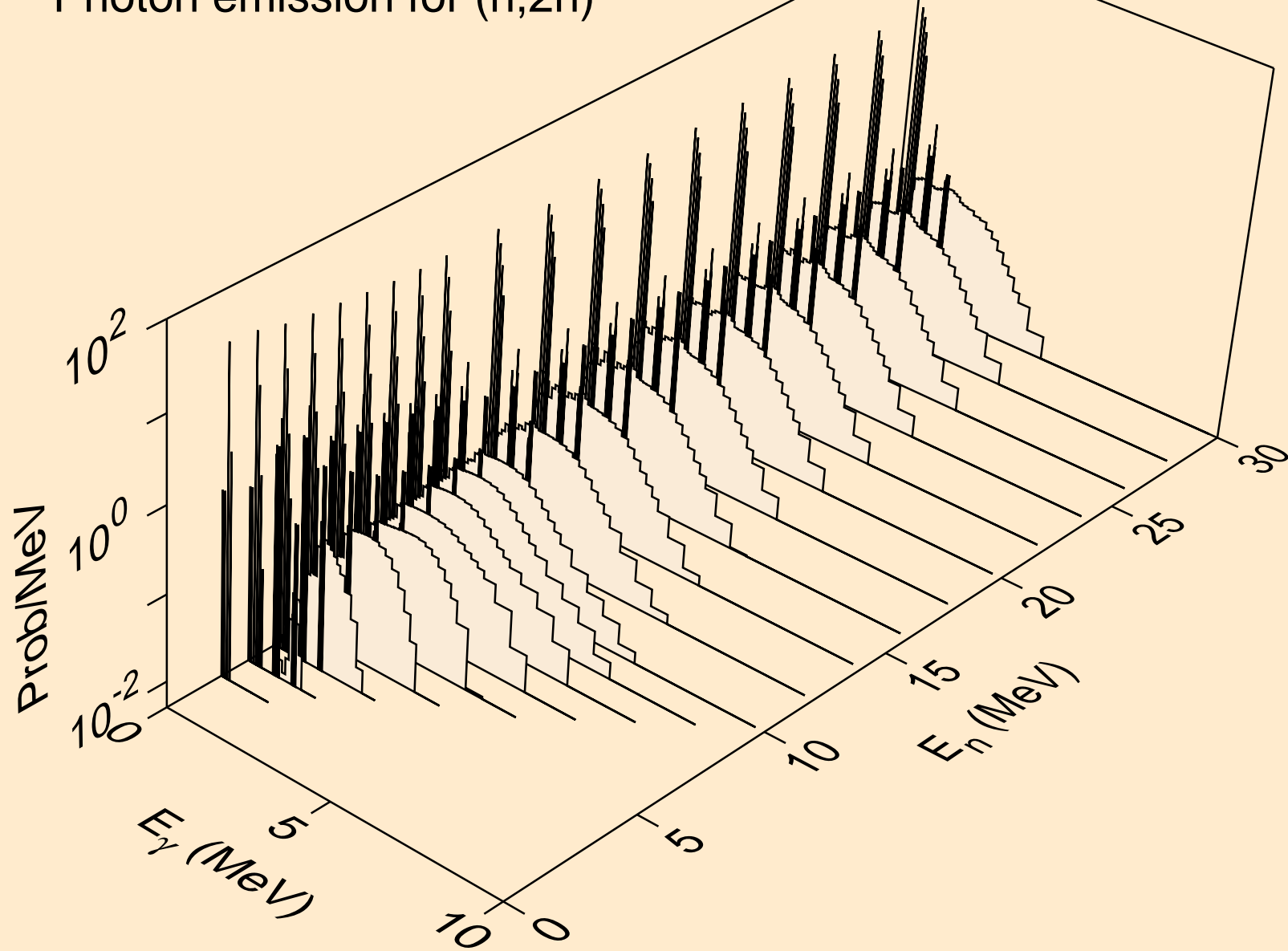
EU163 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



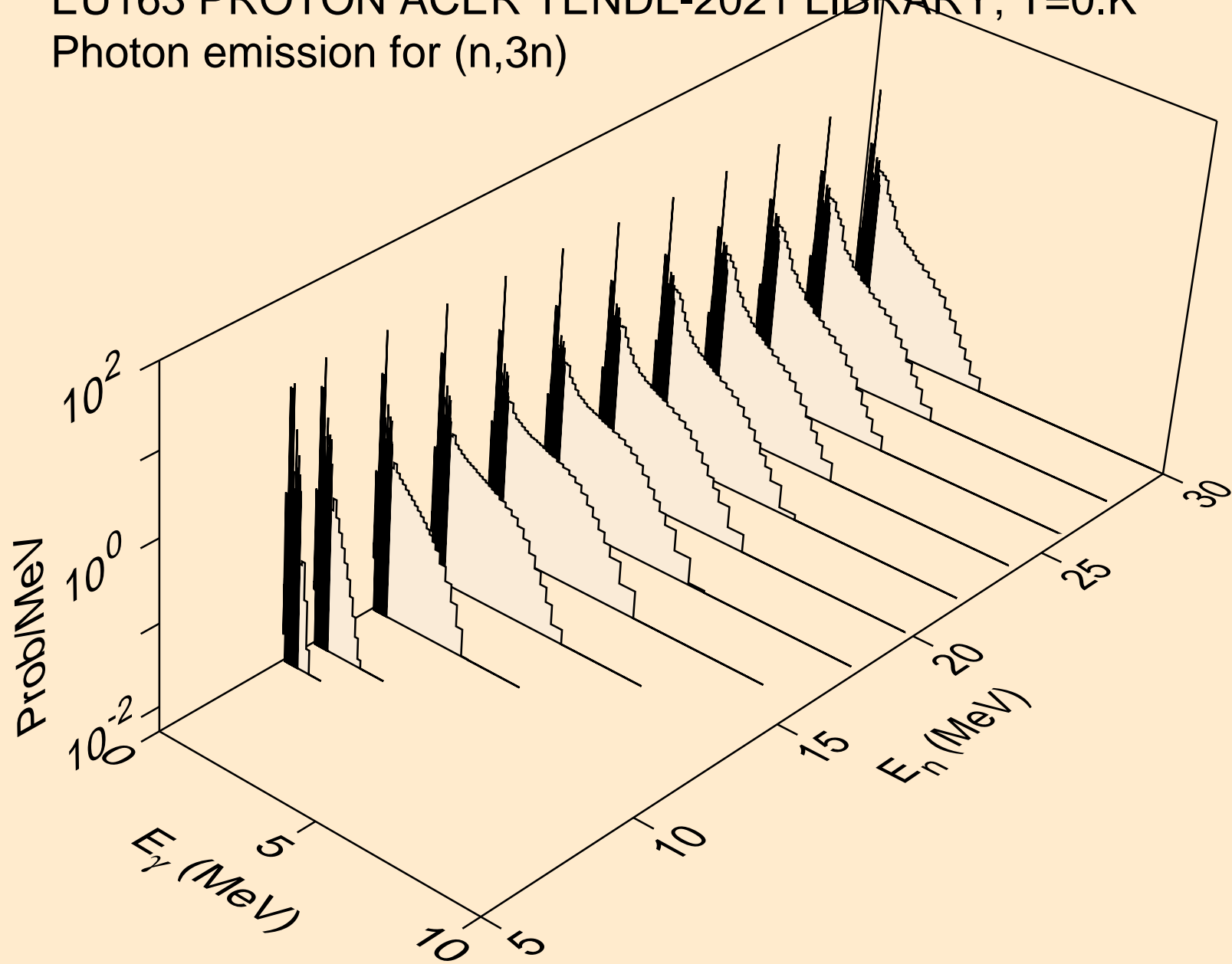
EU163 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)



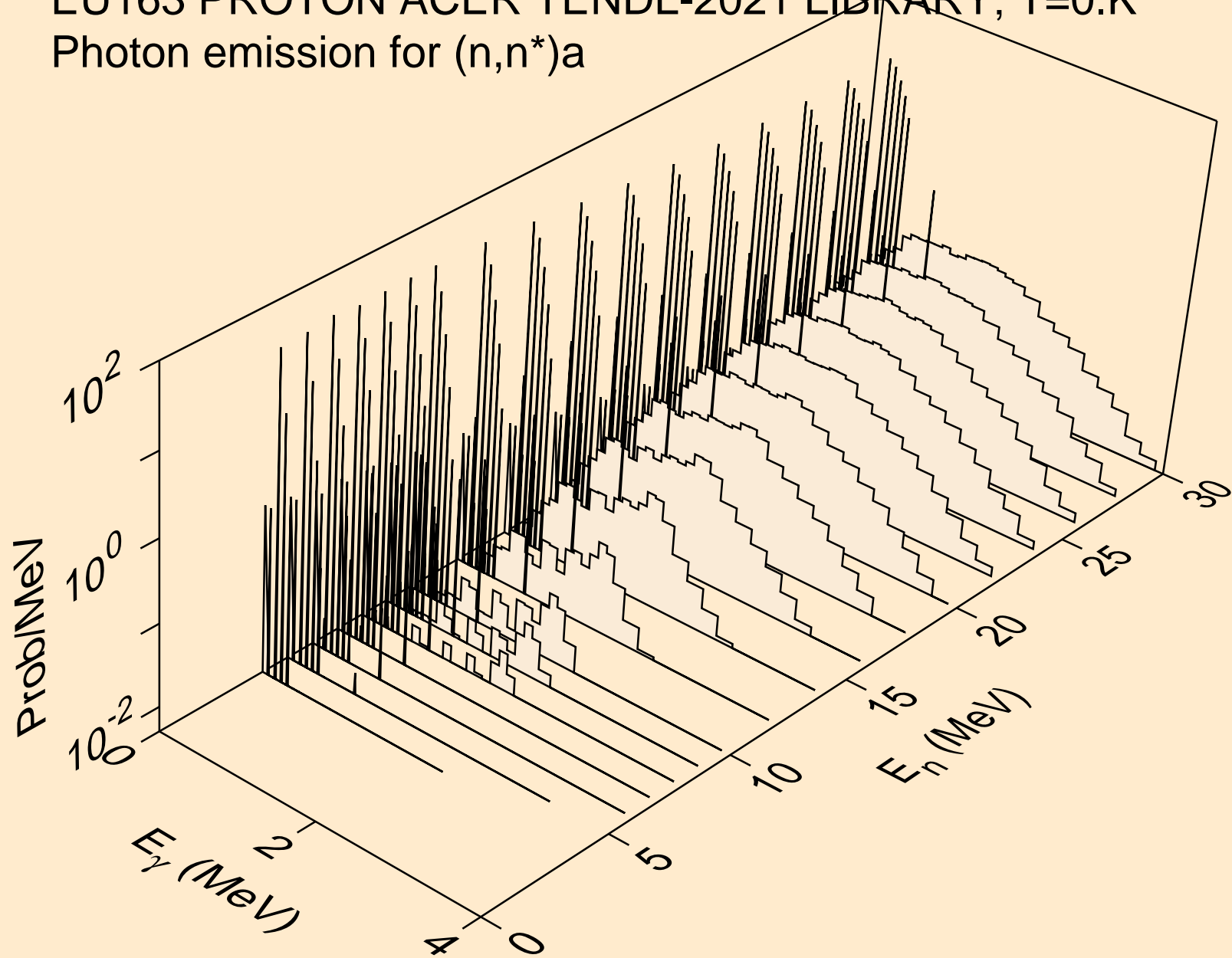
EU163 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



EU163 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)

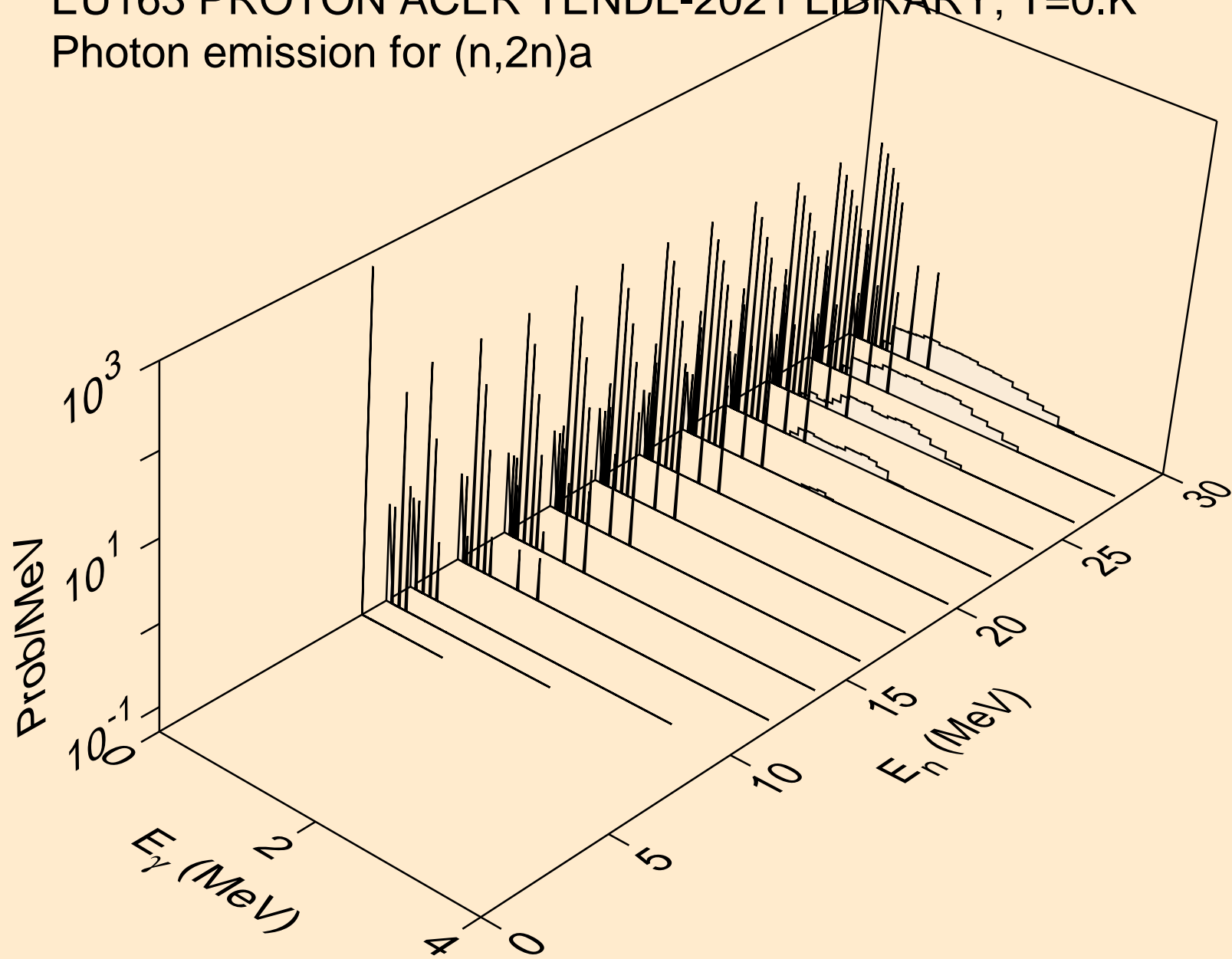


EU163 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

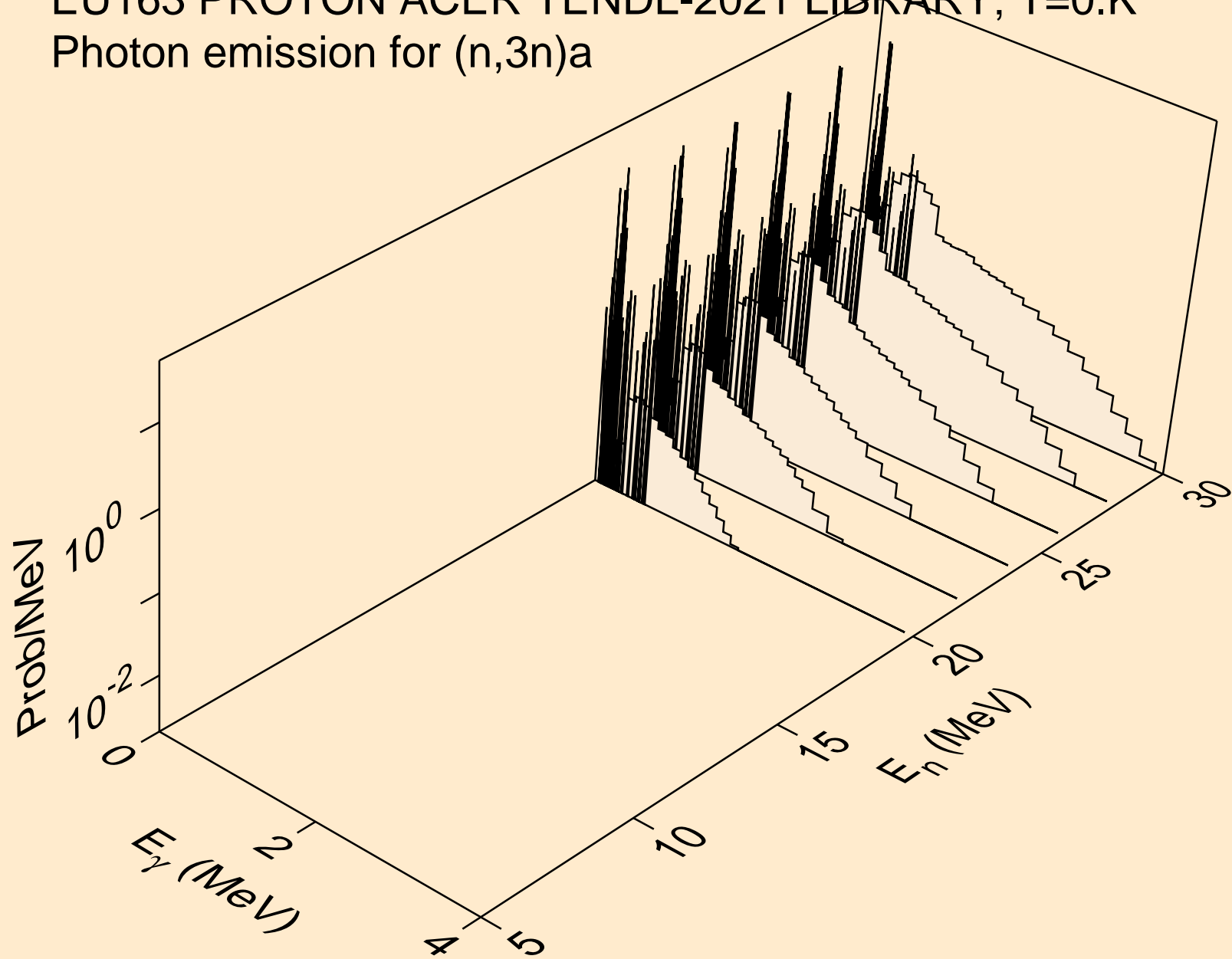




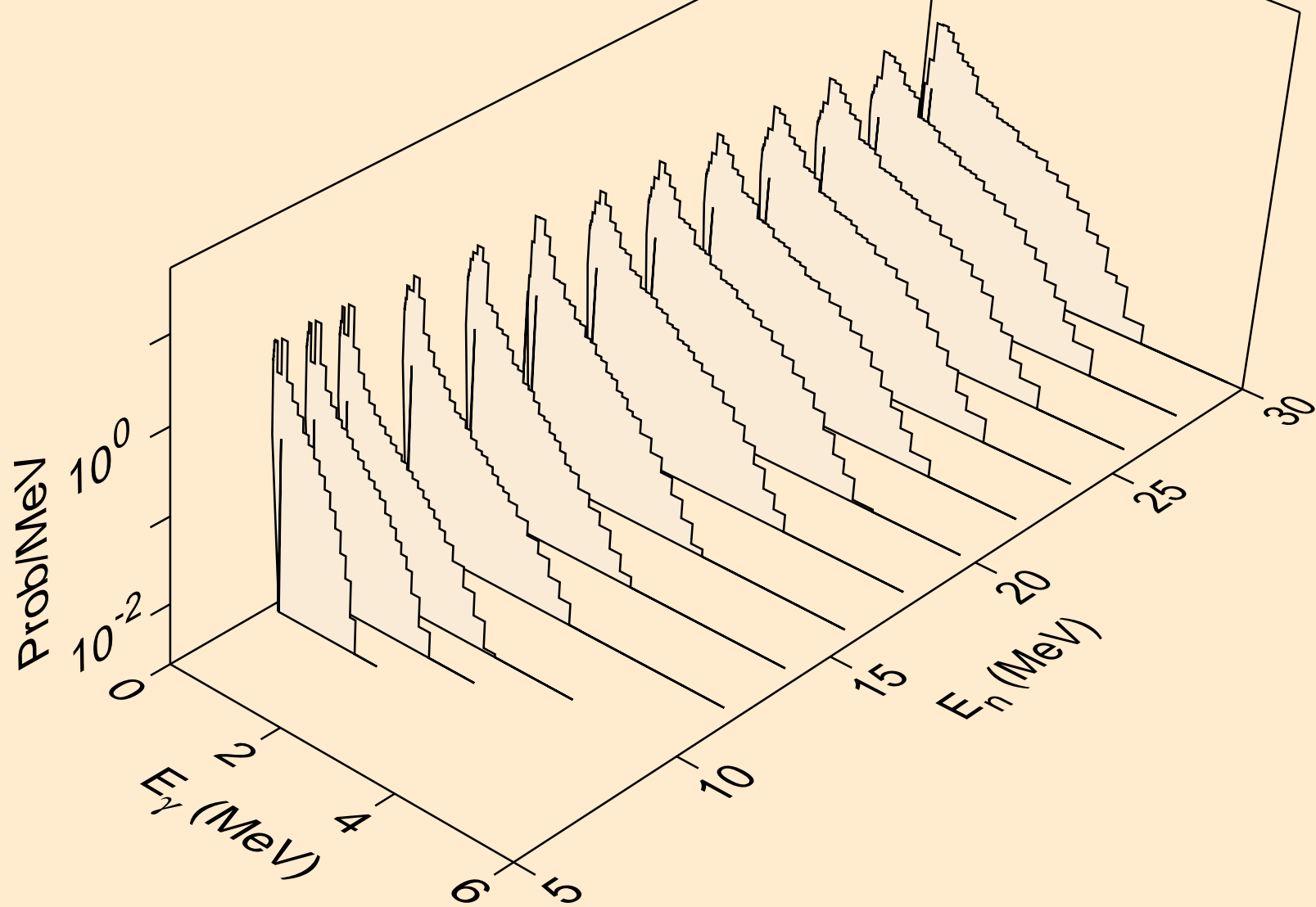
EU163 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a



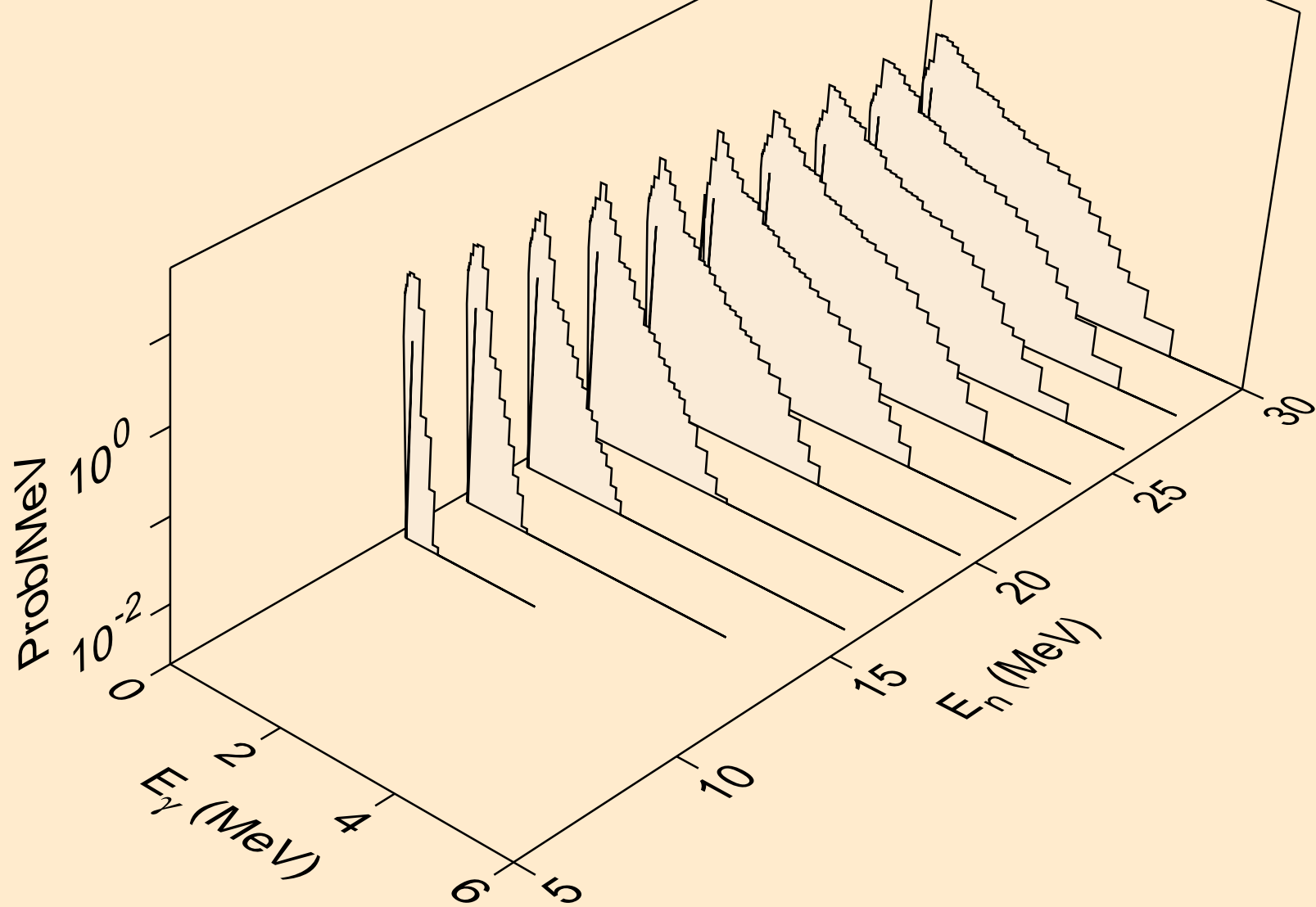
EU163 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)a



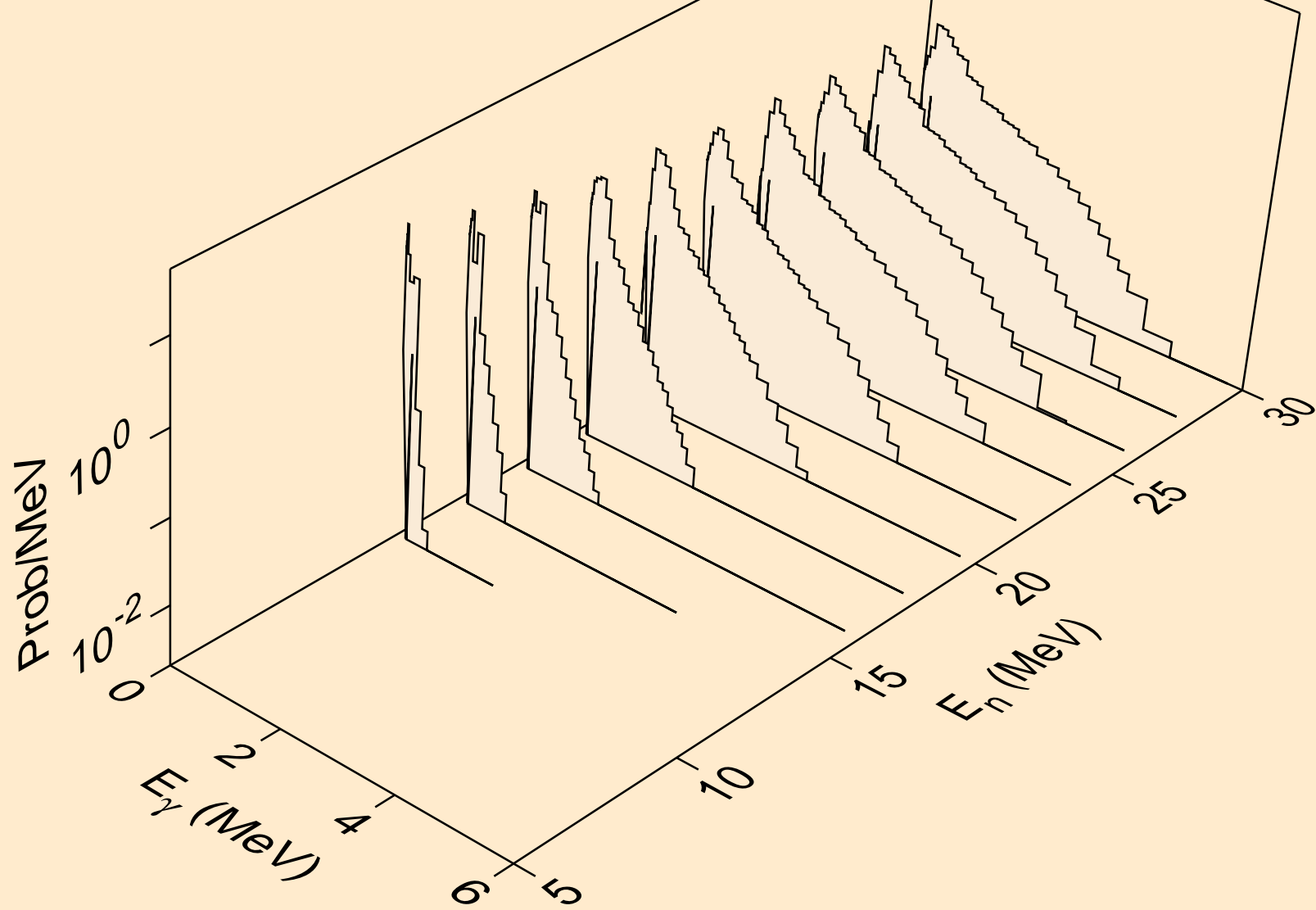
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Photon emission for (n,n\*)p



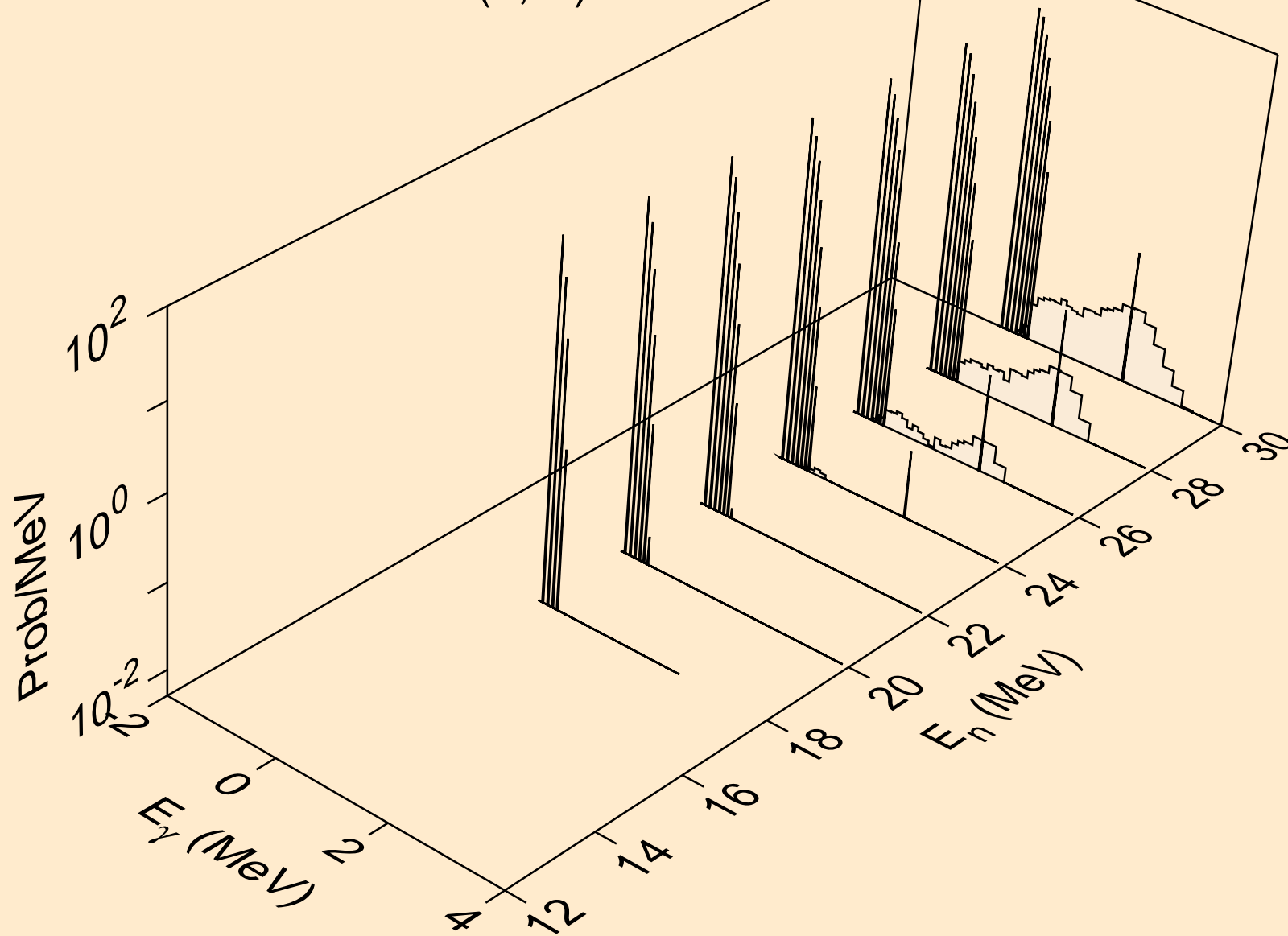
EU163 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



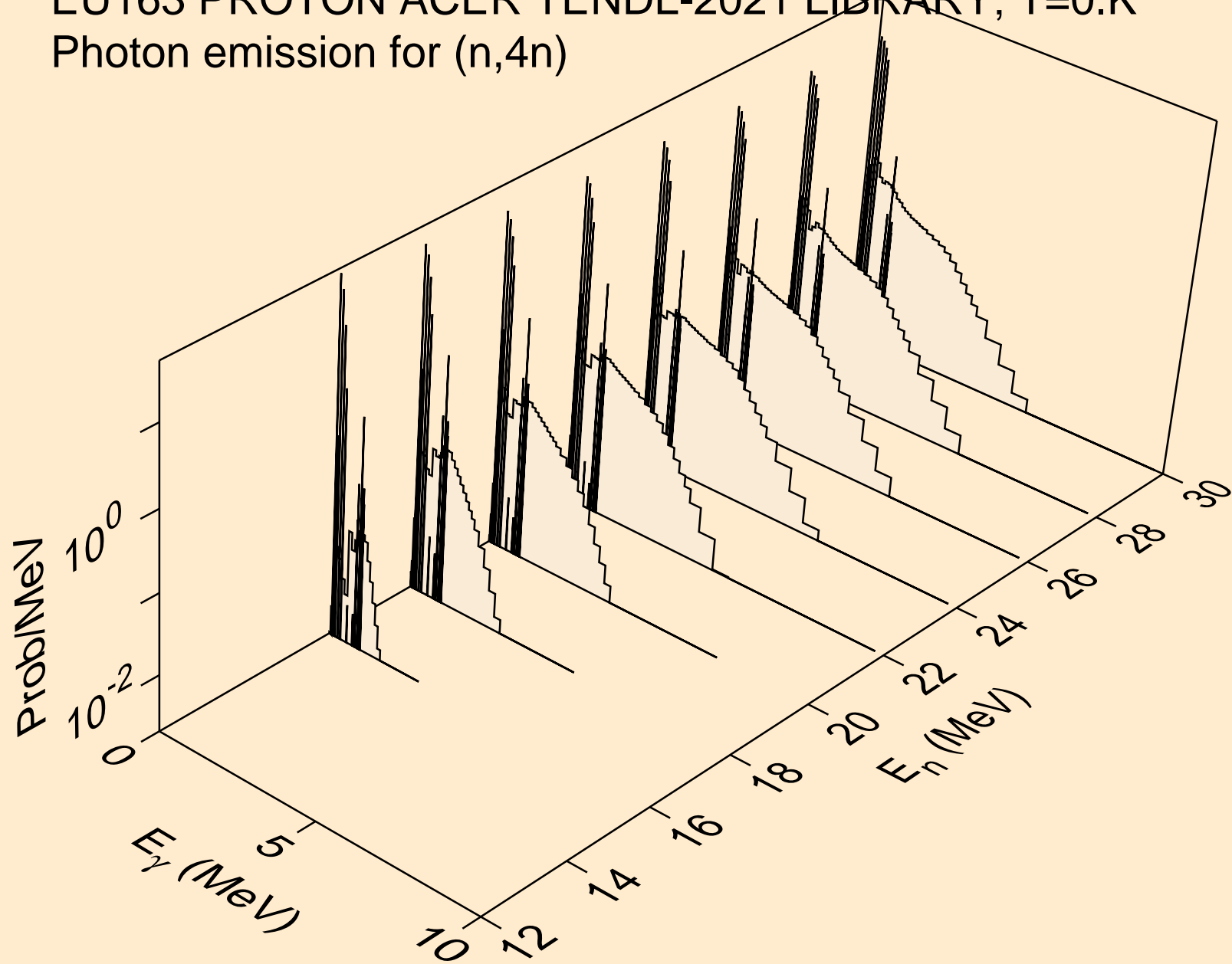
EU163 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



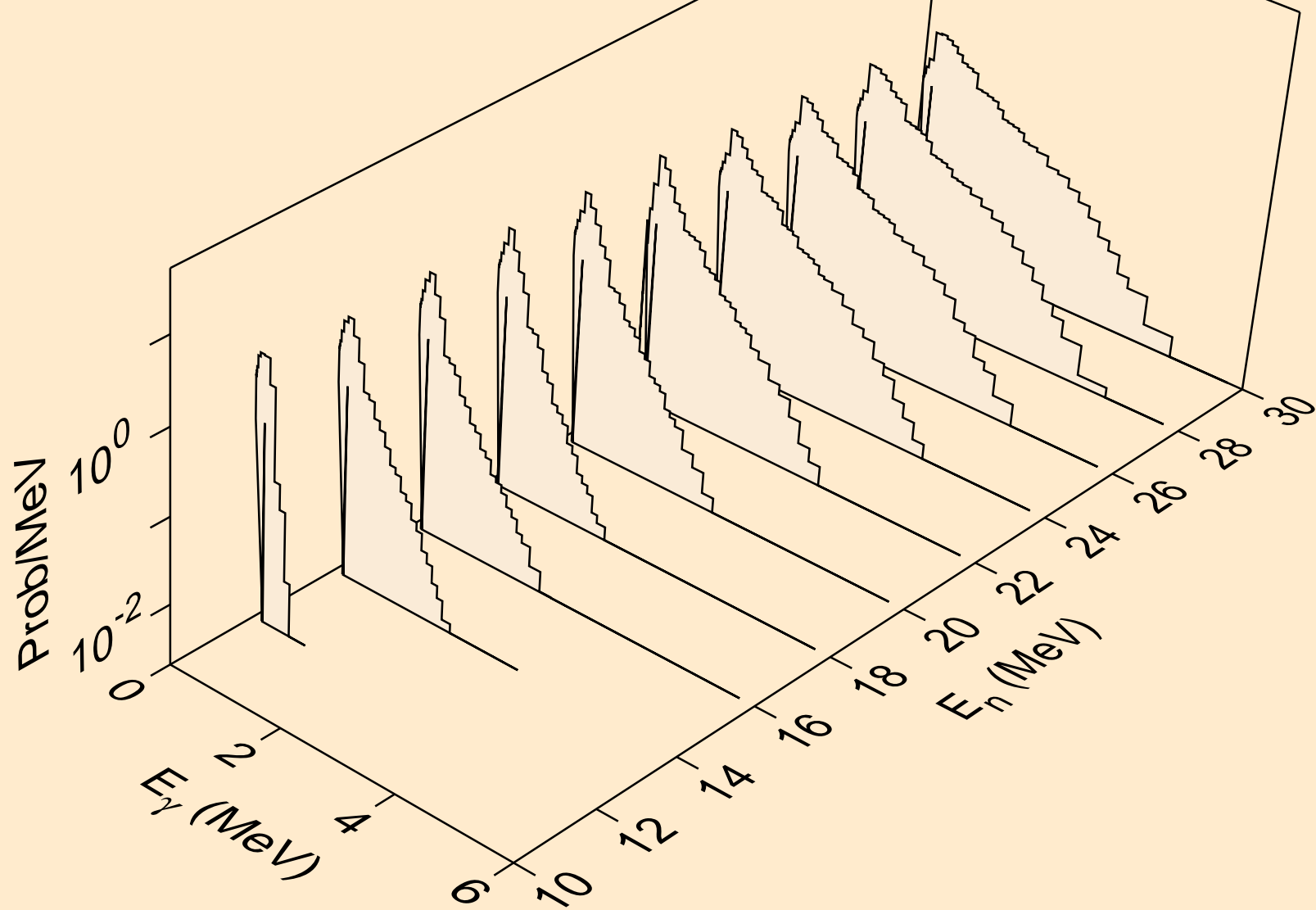
EU163 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



EU163 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,4n)

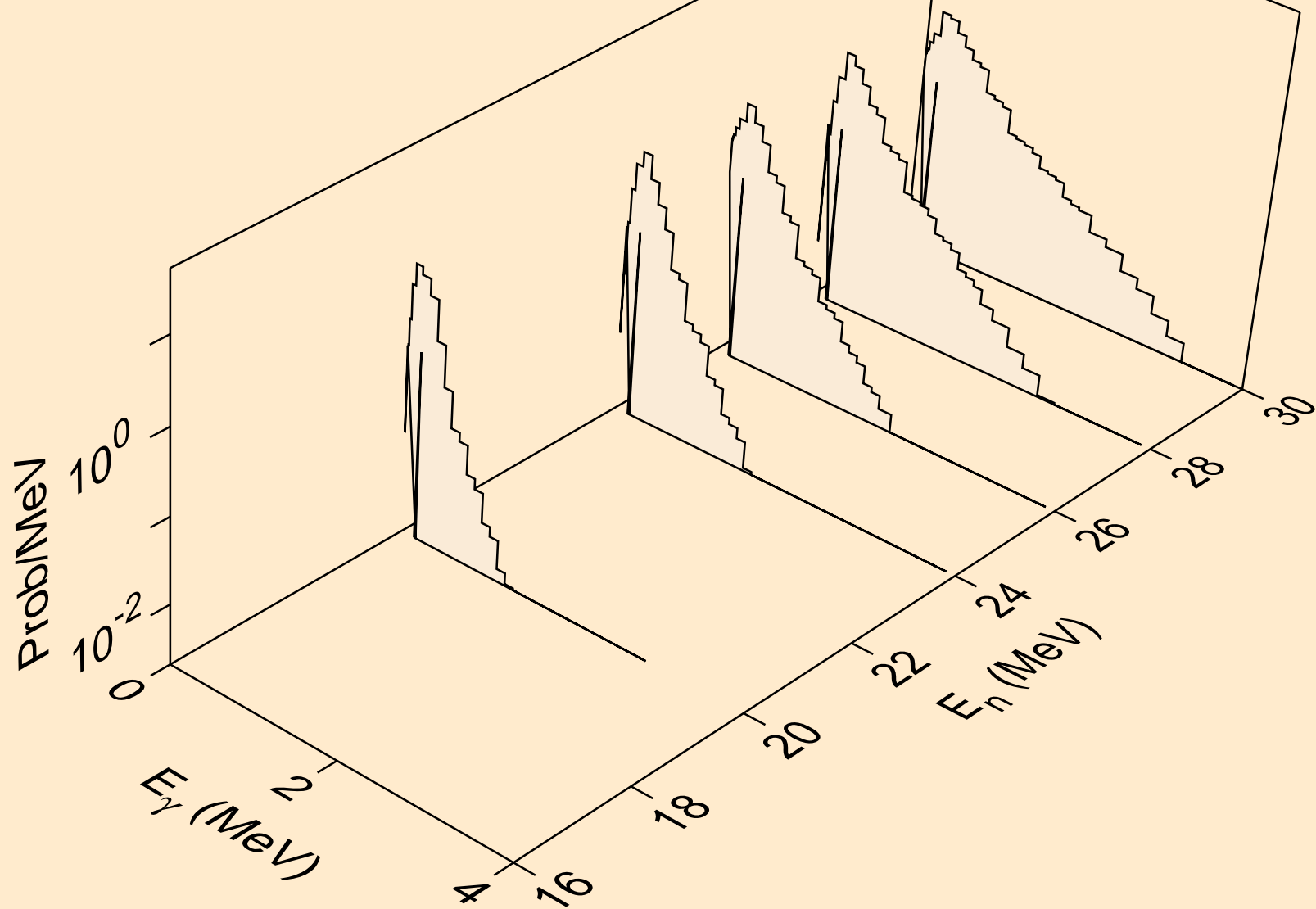


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Photon emission for (n,2np)

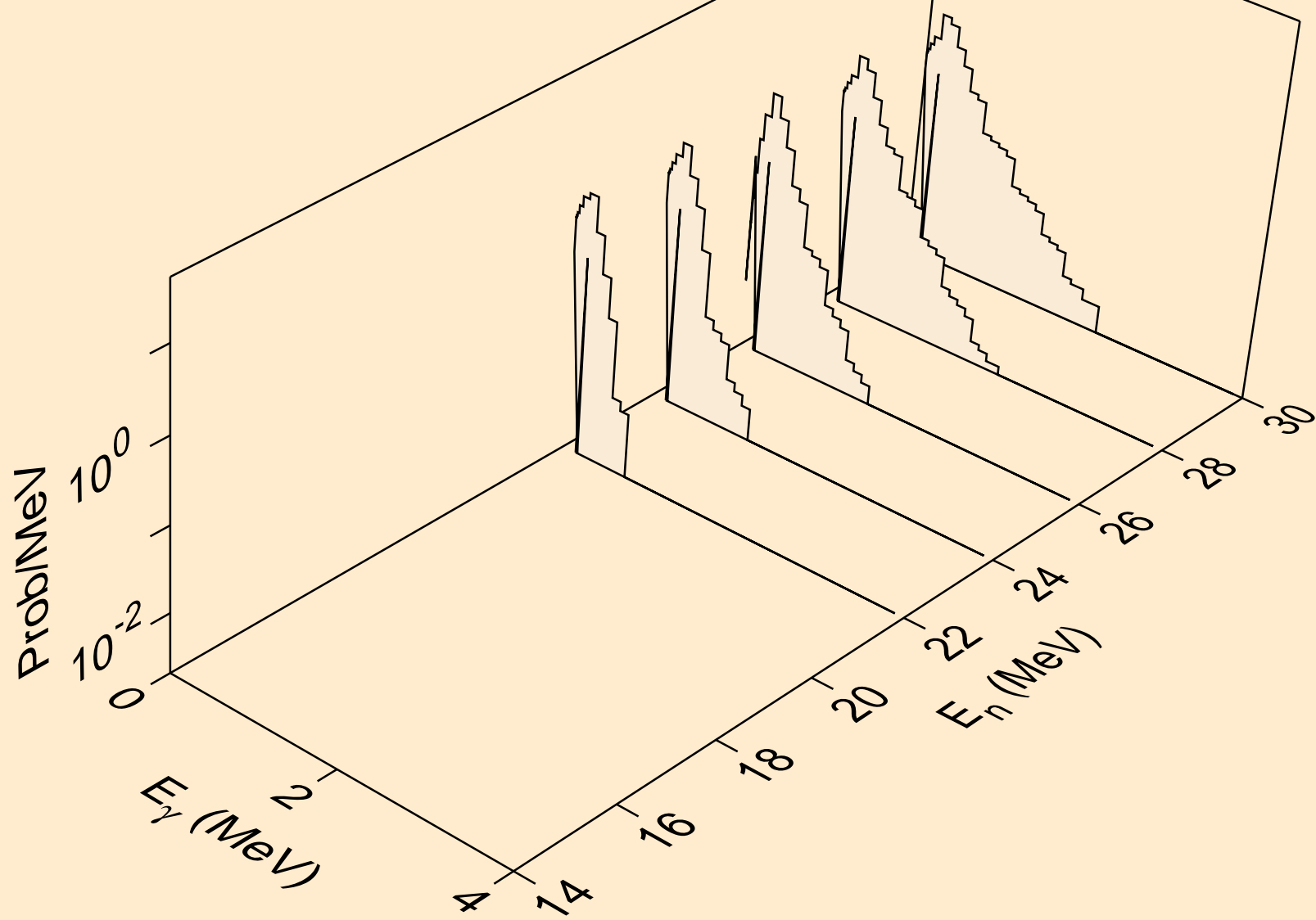




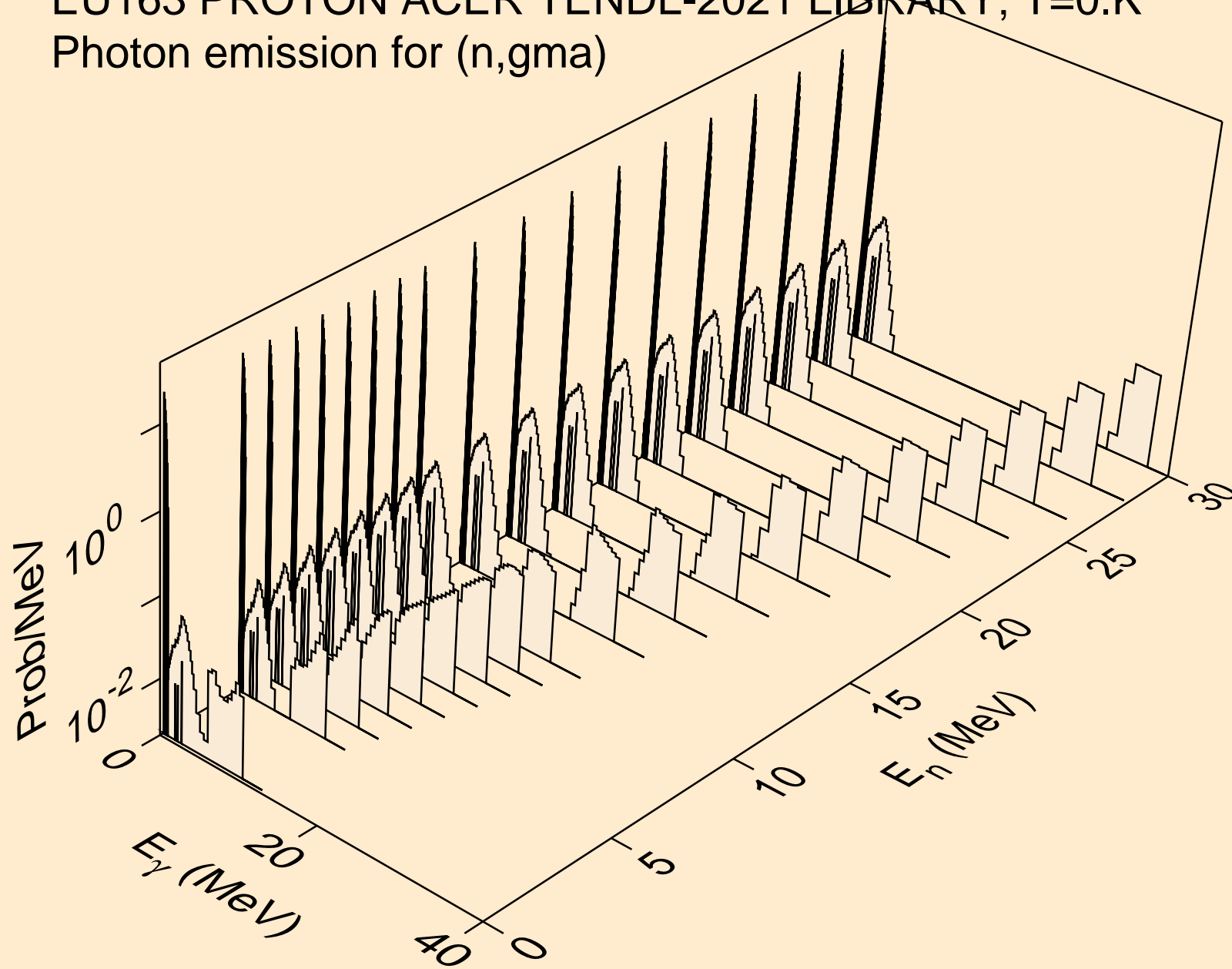
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Photon emission for (n,3np)



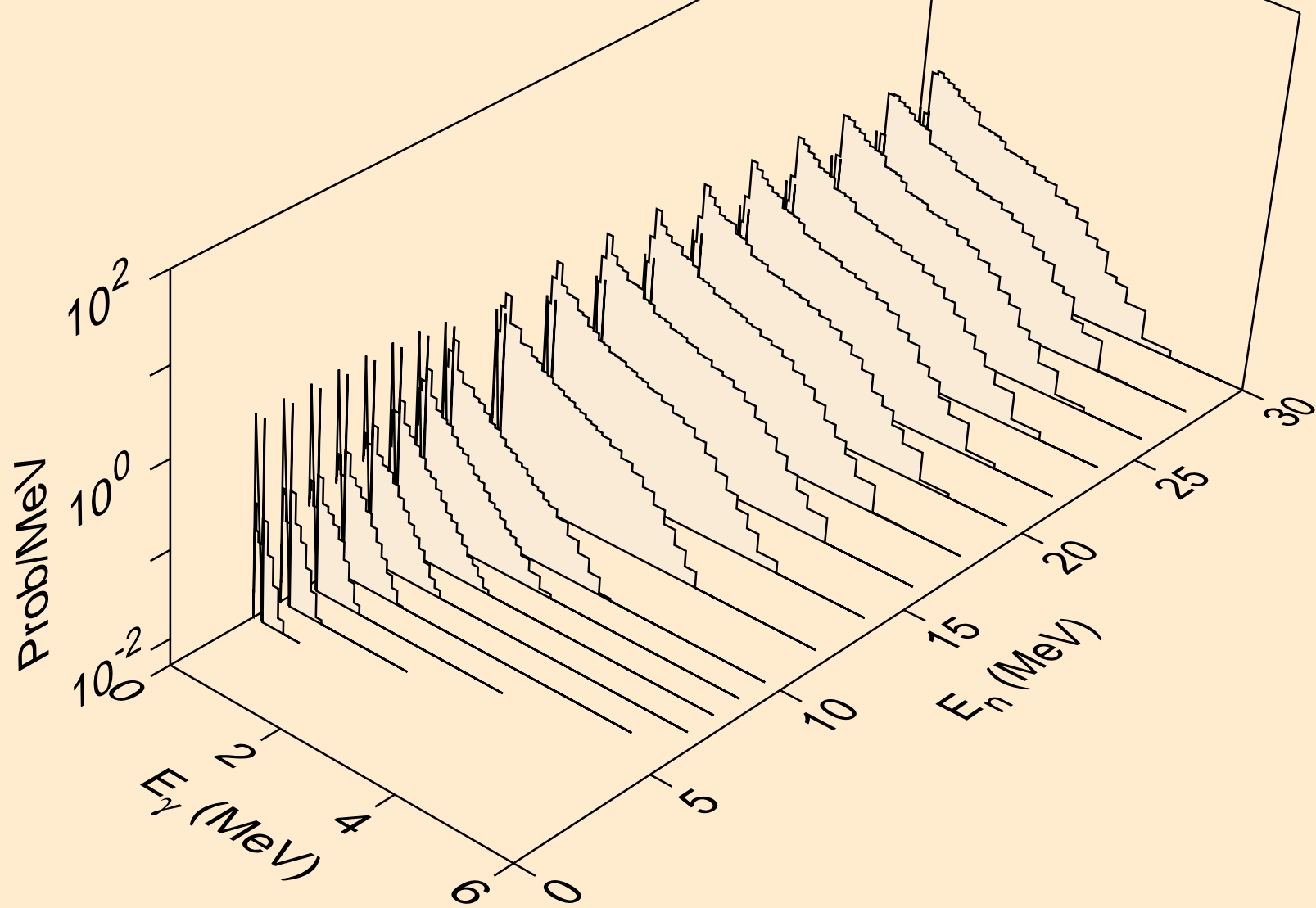
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Photon emission for (n,2np)



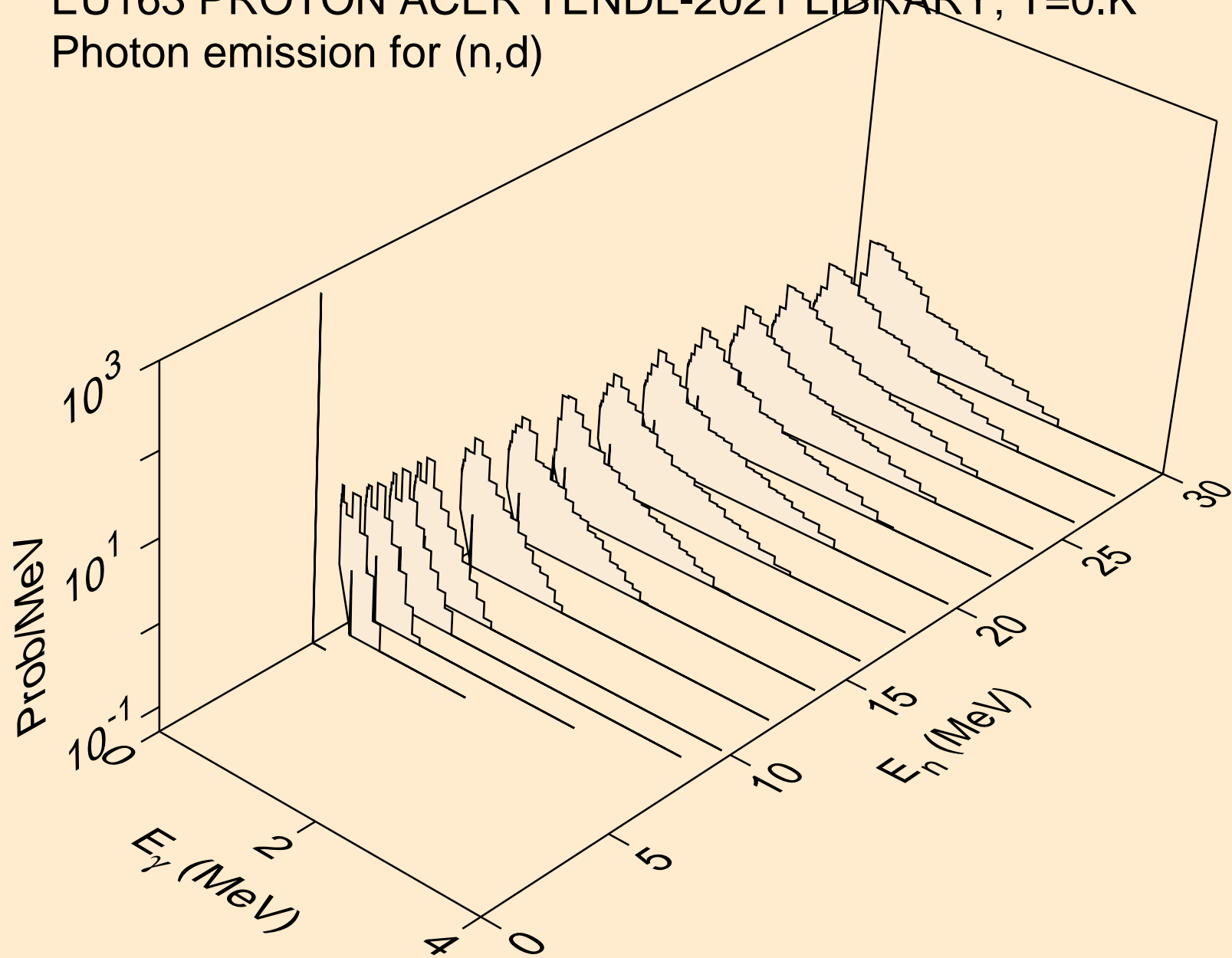
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Photon emission for (n,gma)



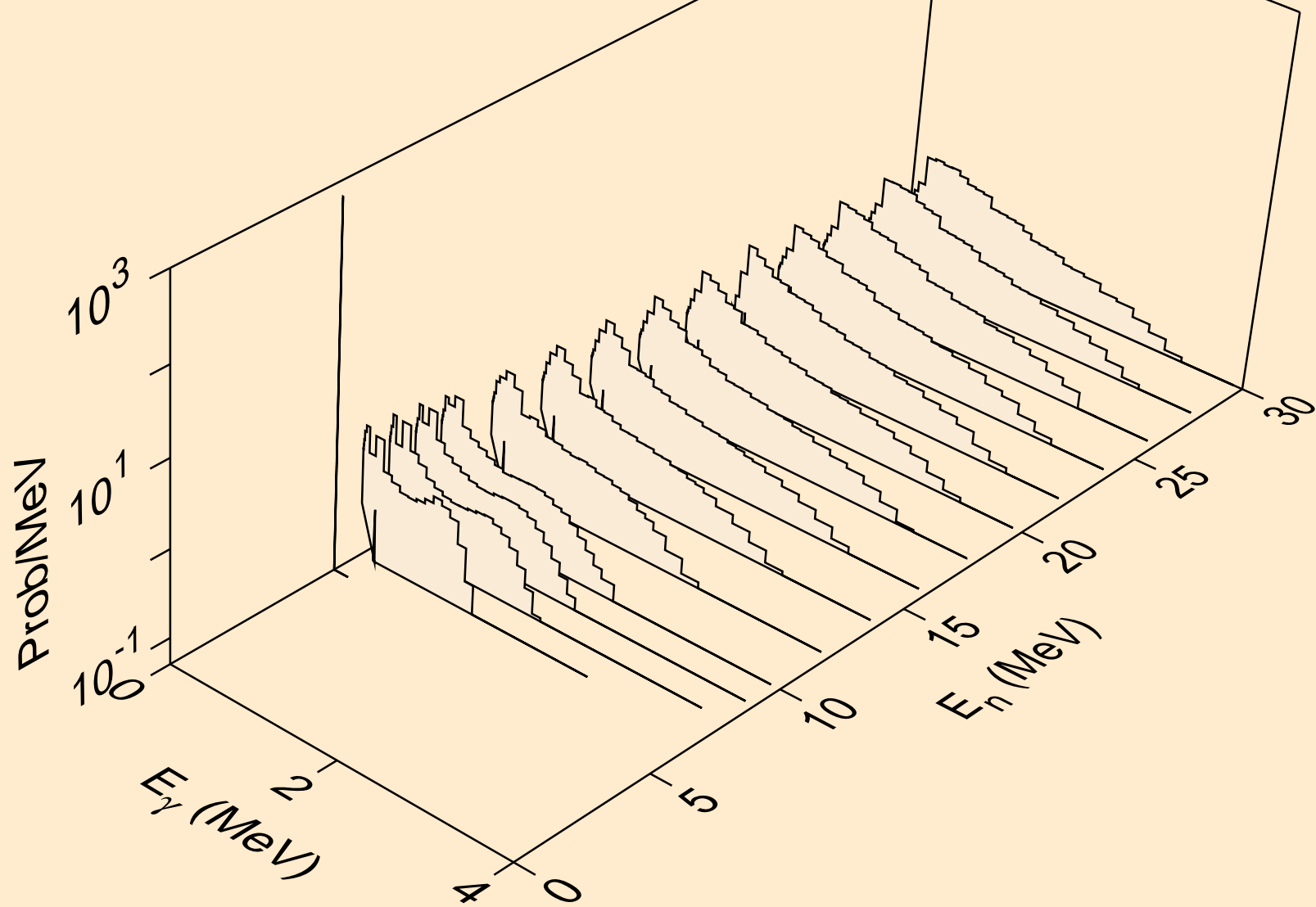
EU163 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



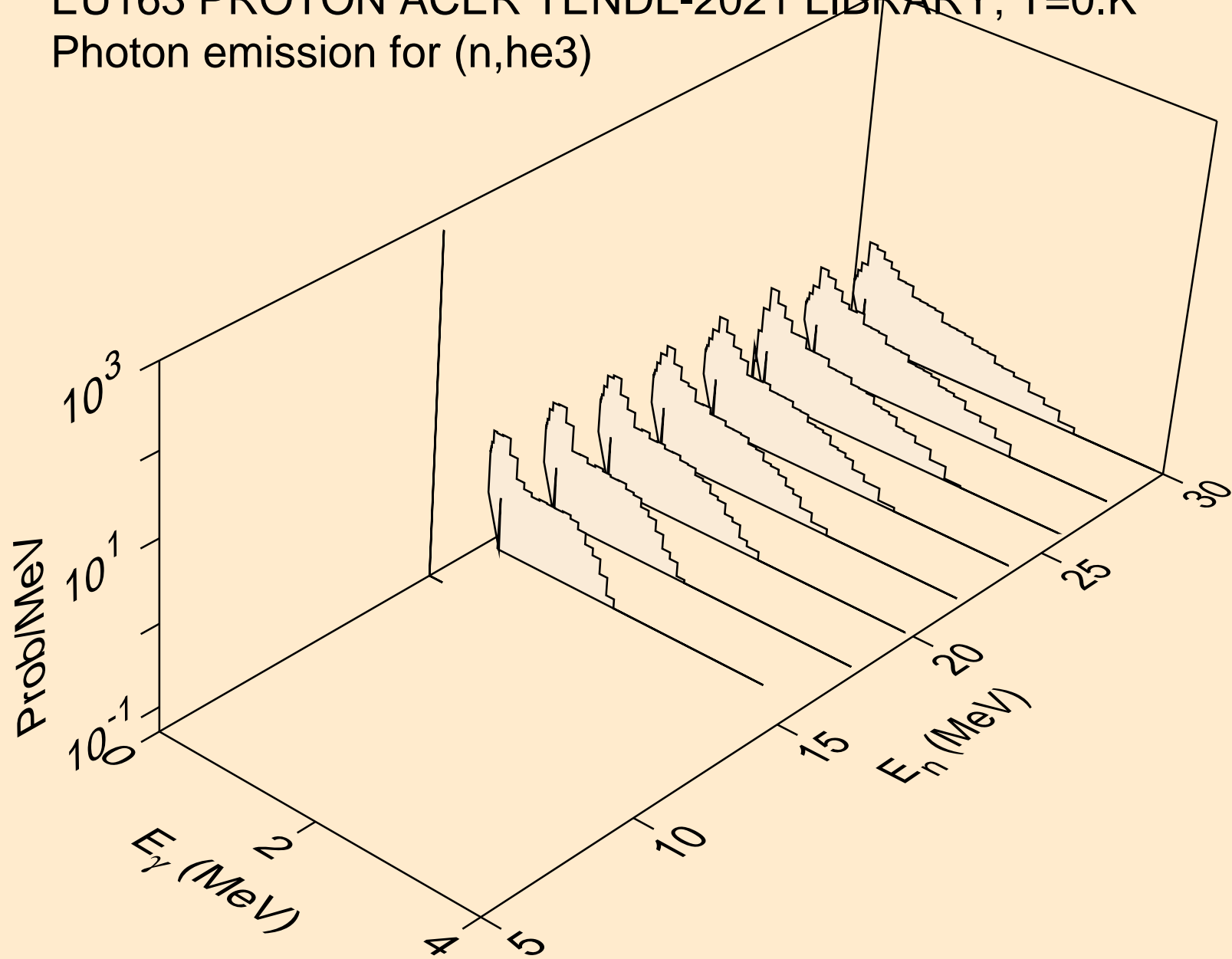
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Photon emission for (n,d)



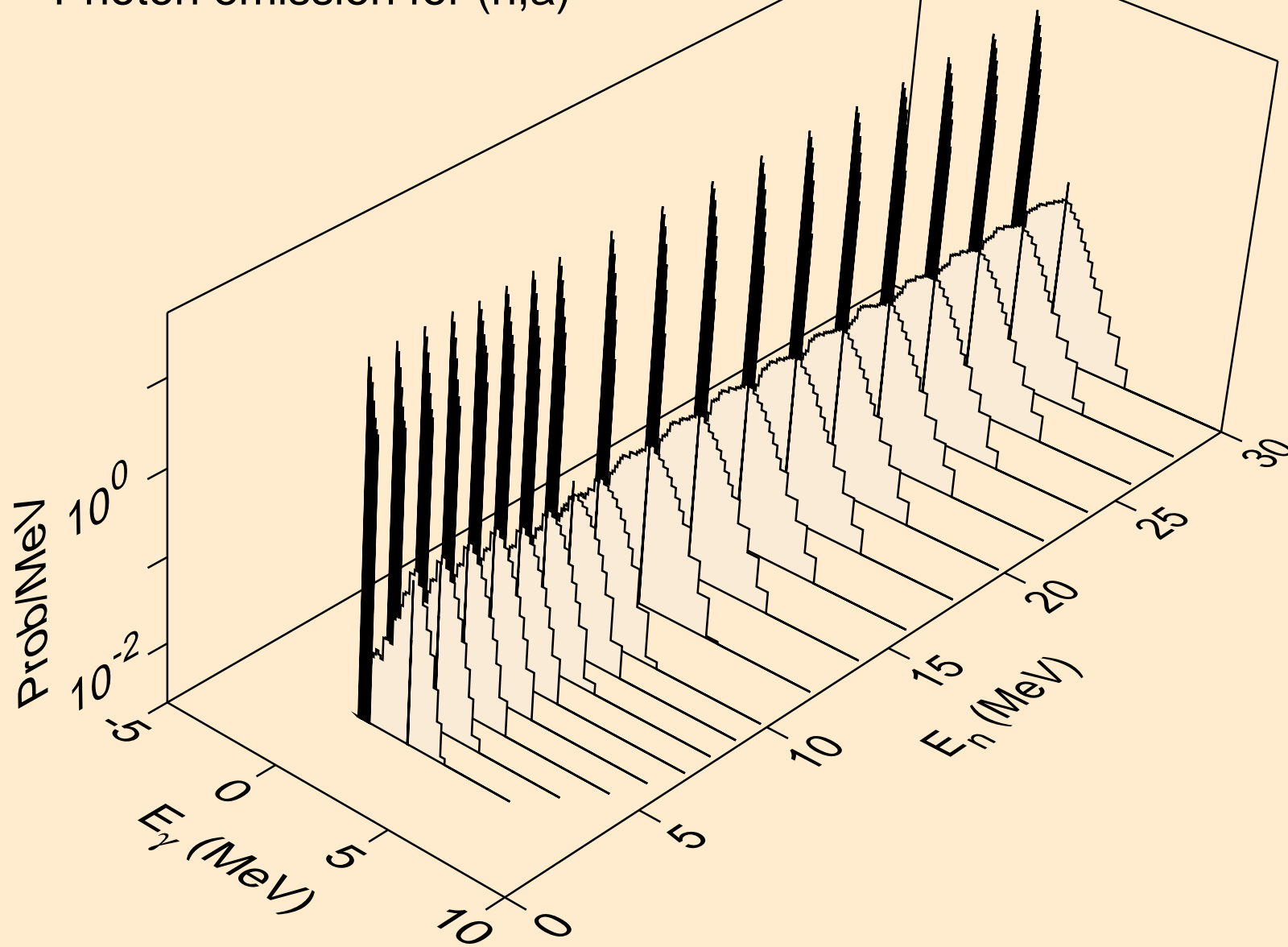
EU163 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)



EU163 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,he3)

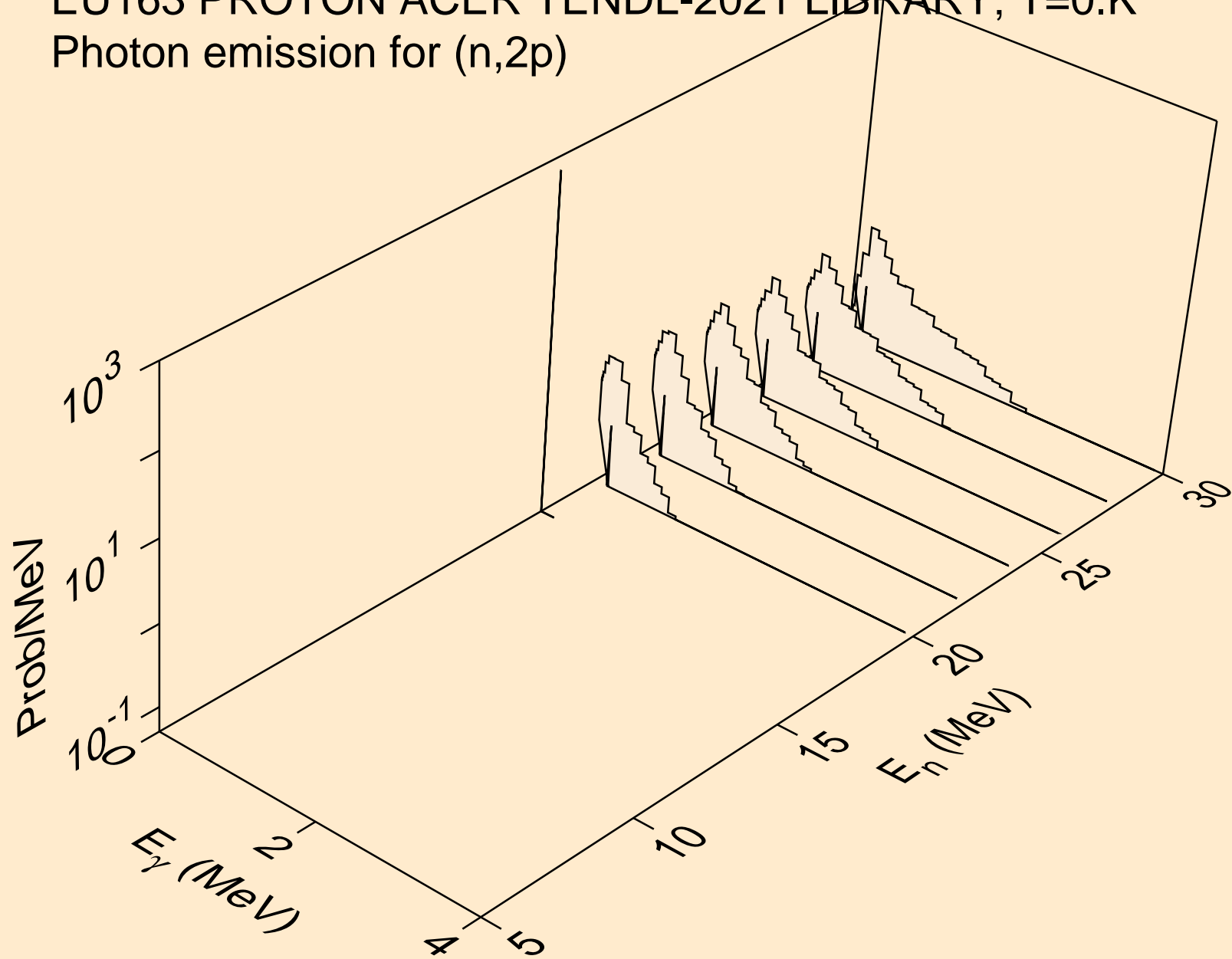


EU163 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,a)

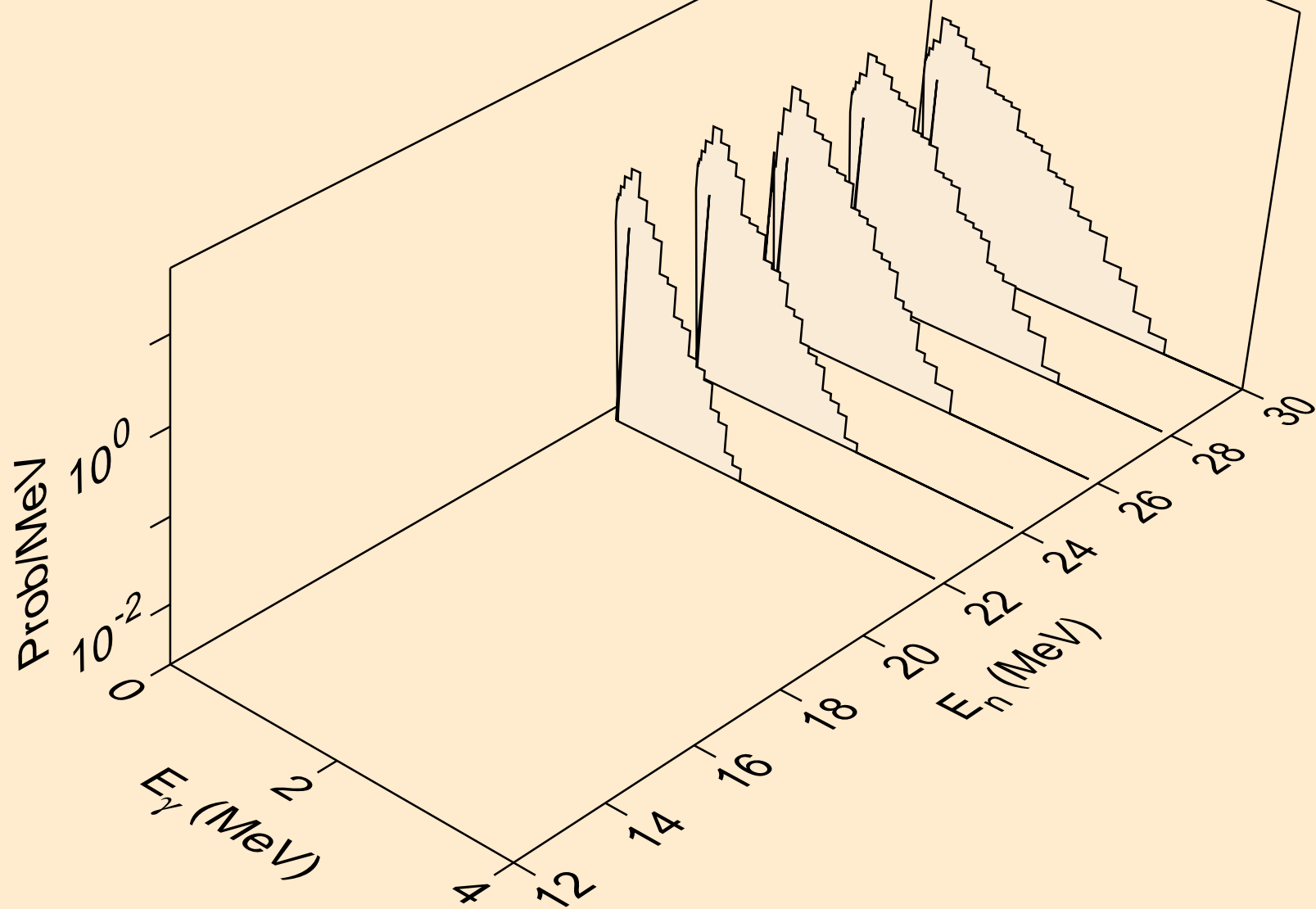




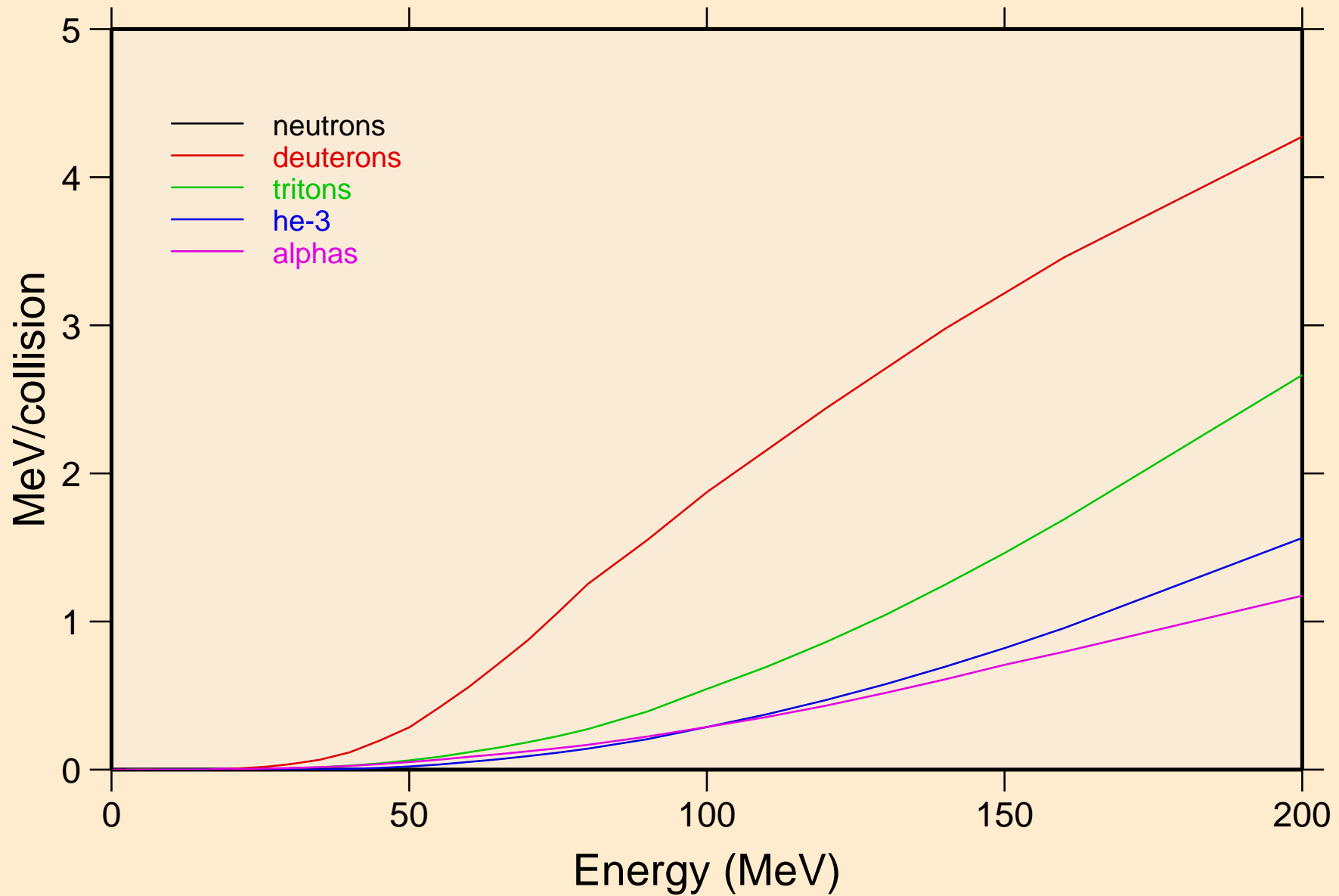
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Photon emission for (n,2p)



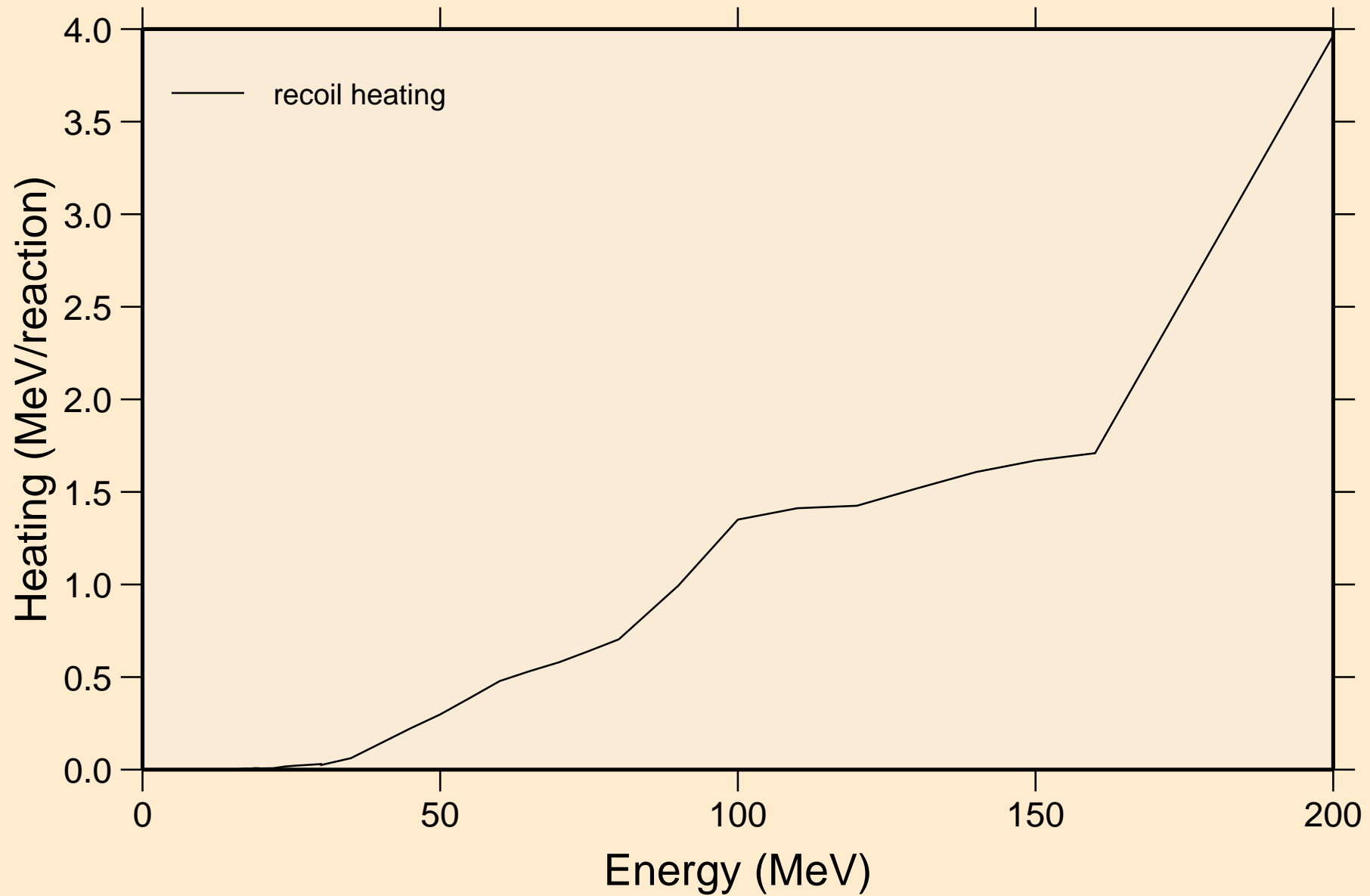
EU163 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)



EU163 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Particle heating contributions

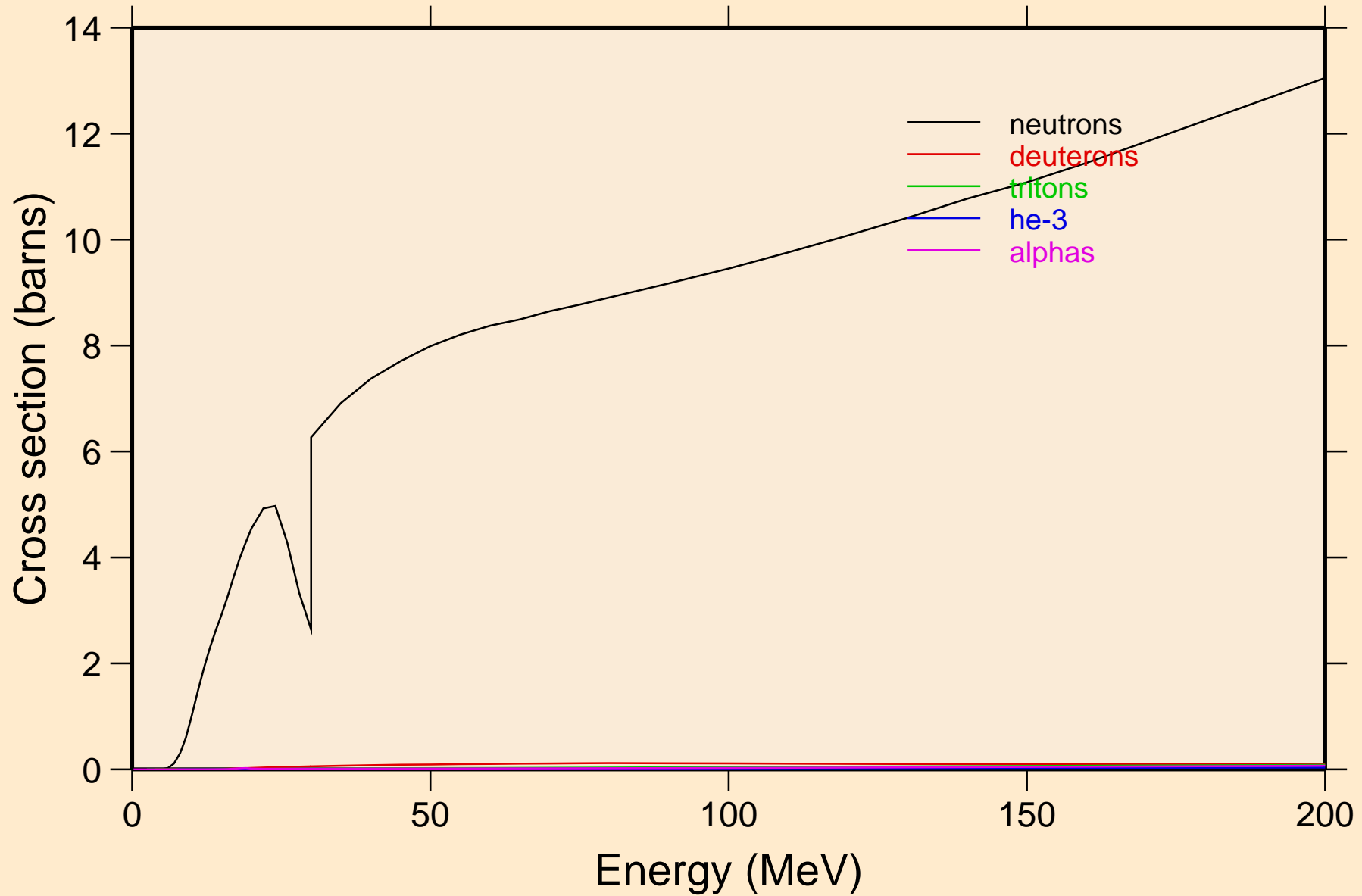


EU163 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Recoil Heating

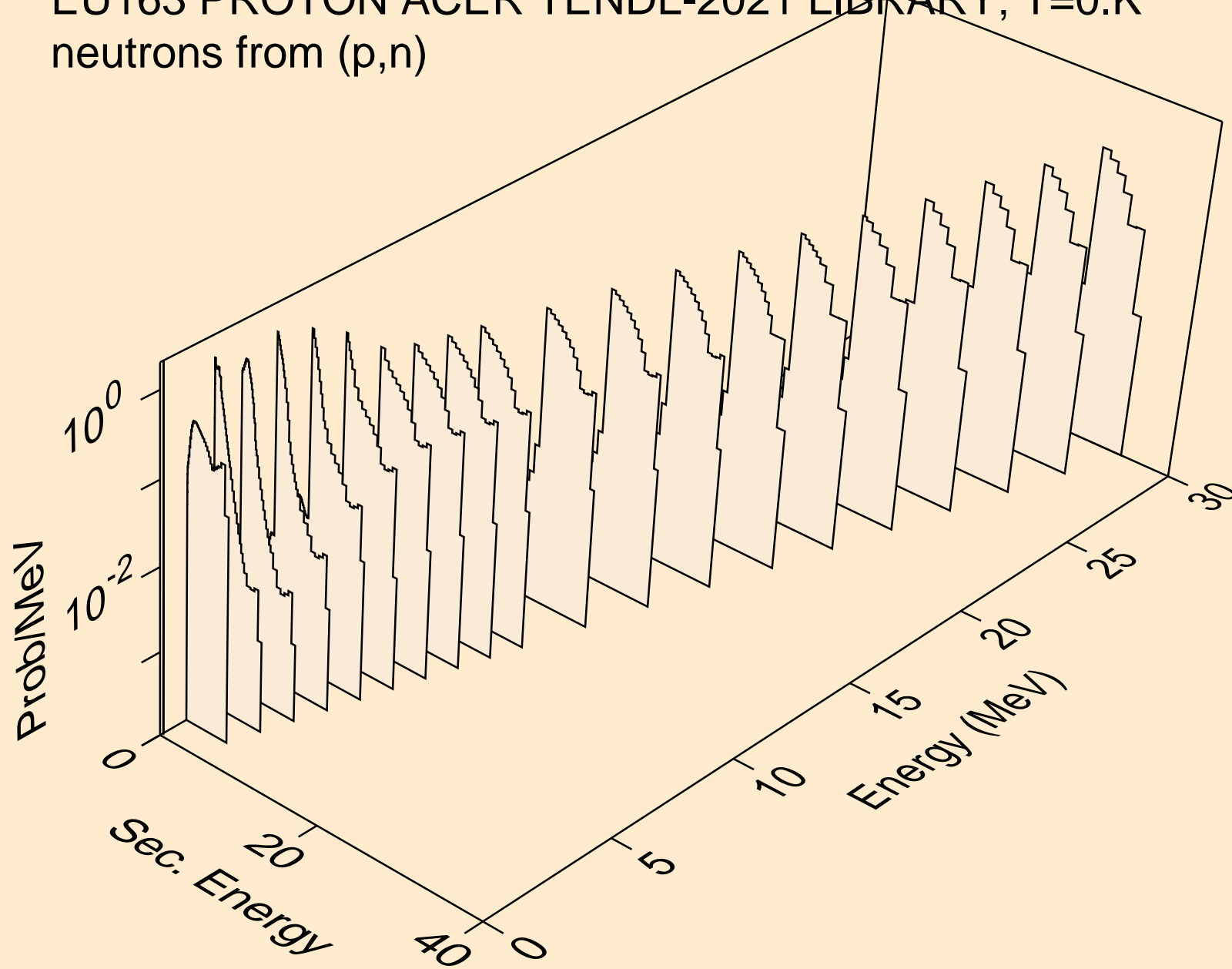


# EU163 PROTON ACER TENDL-2021 LIBRARY; T=0.K

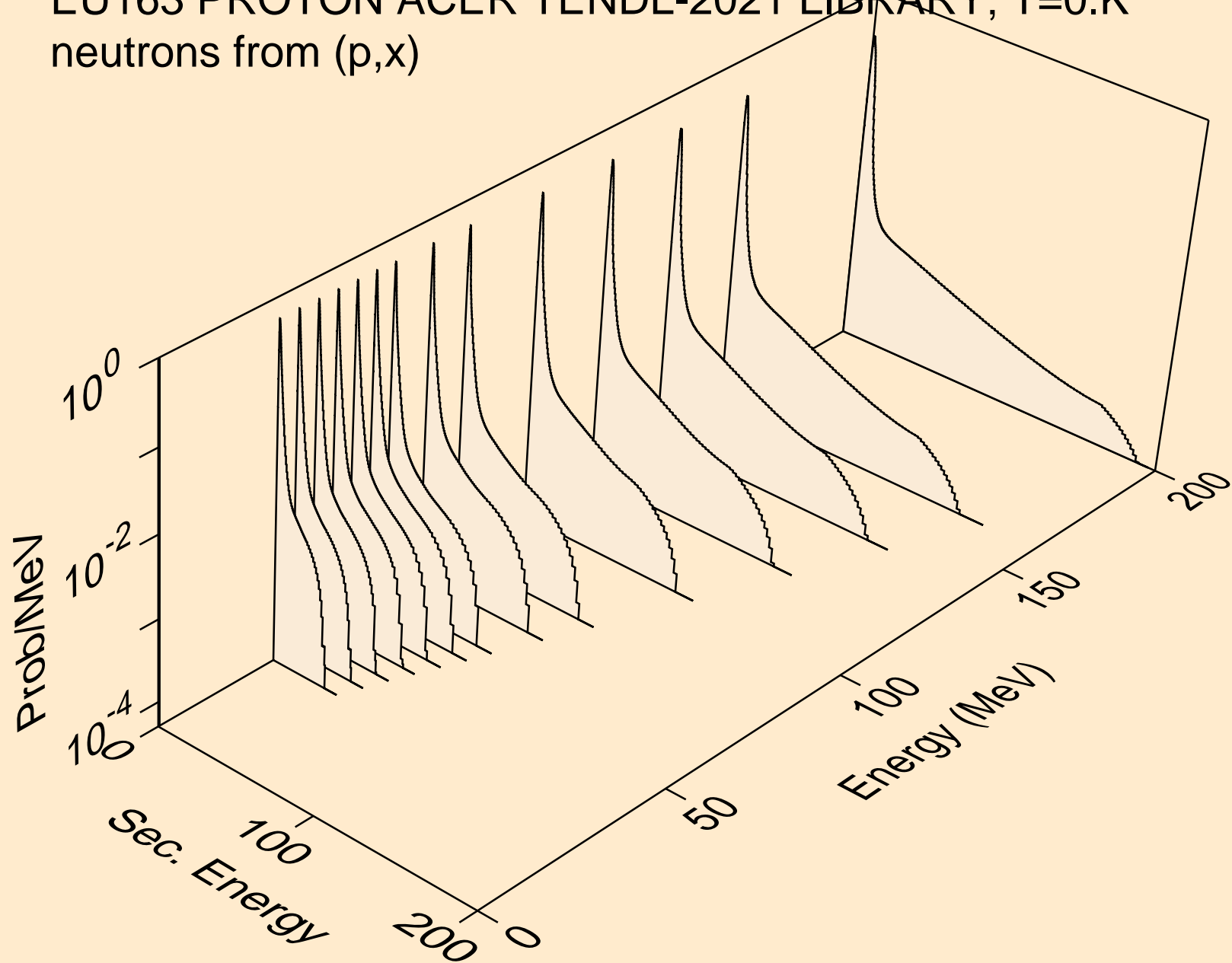
## Particle production cross sections



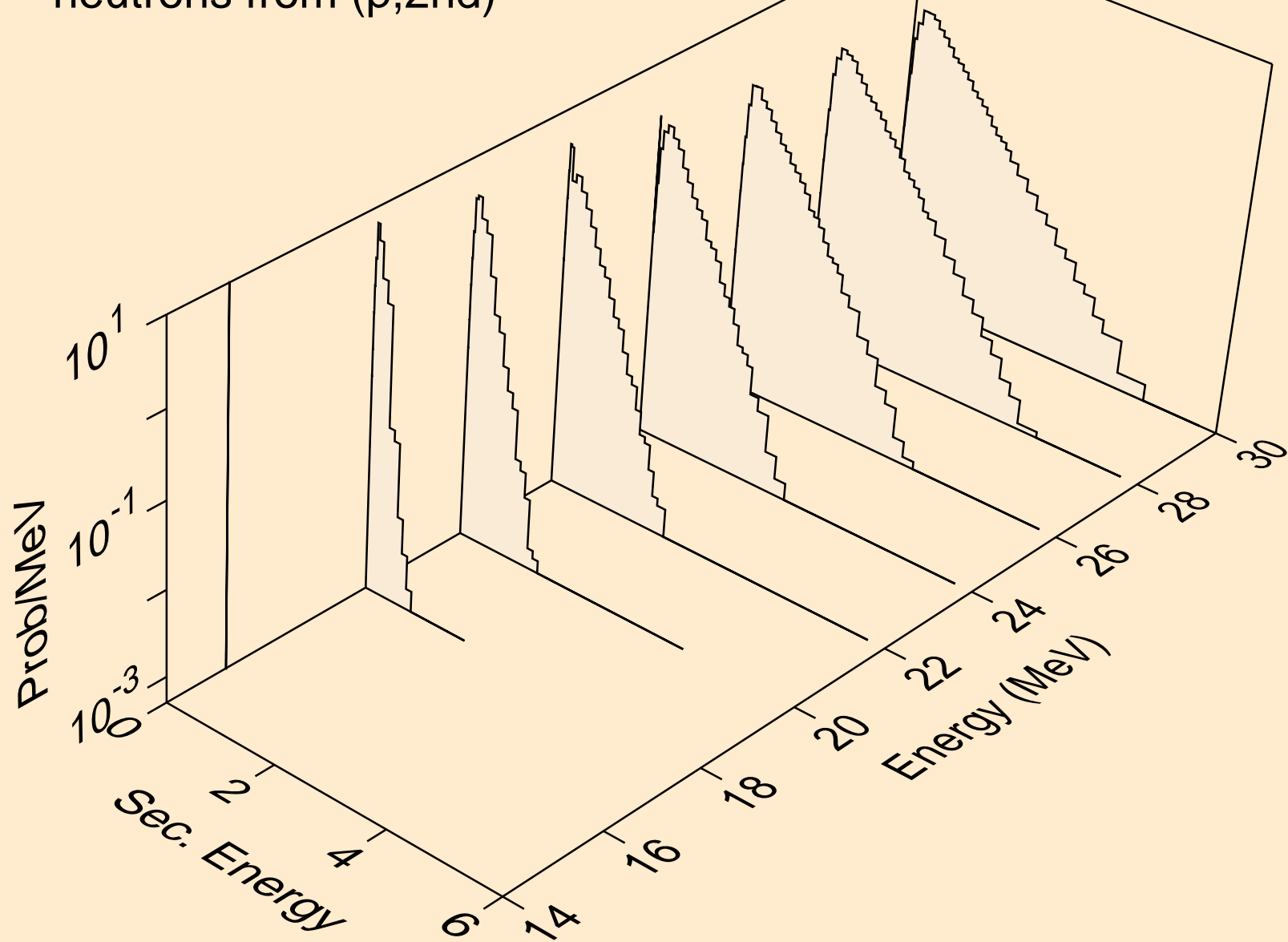
EU163 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n)



EU163 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,x)

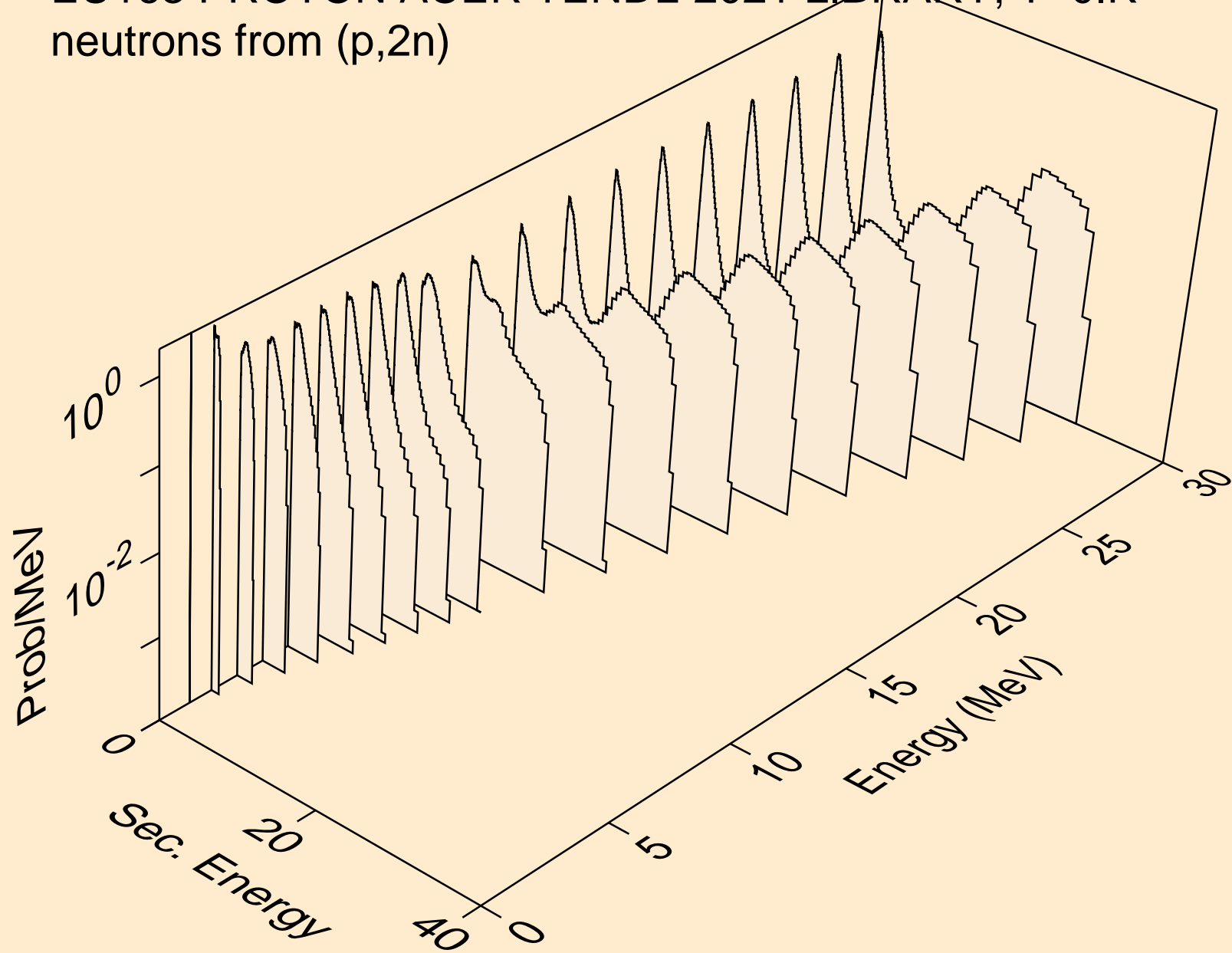


EU163 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2nd)

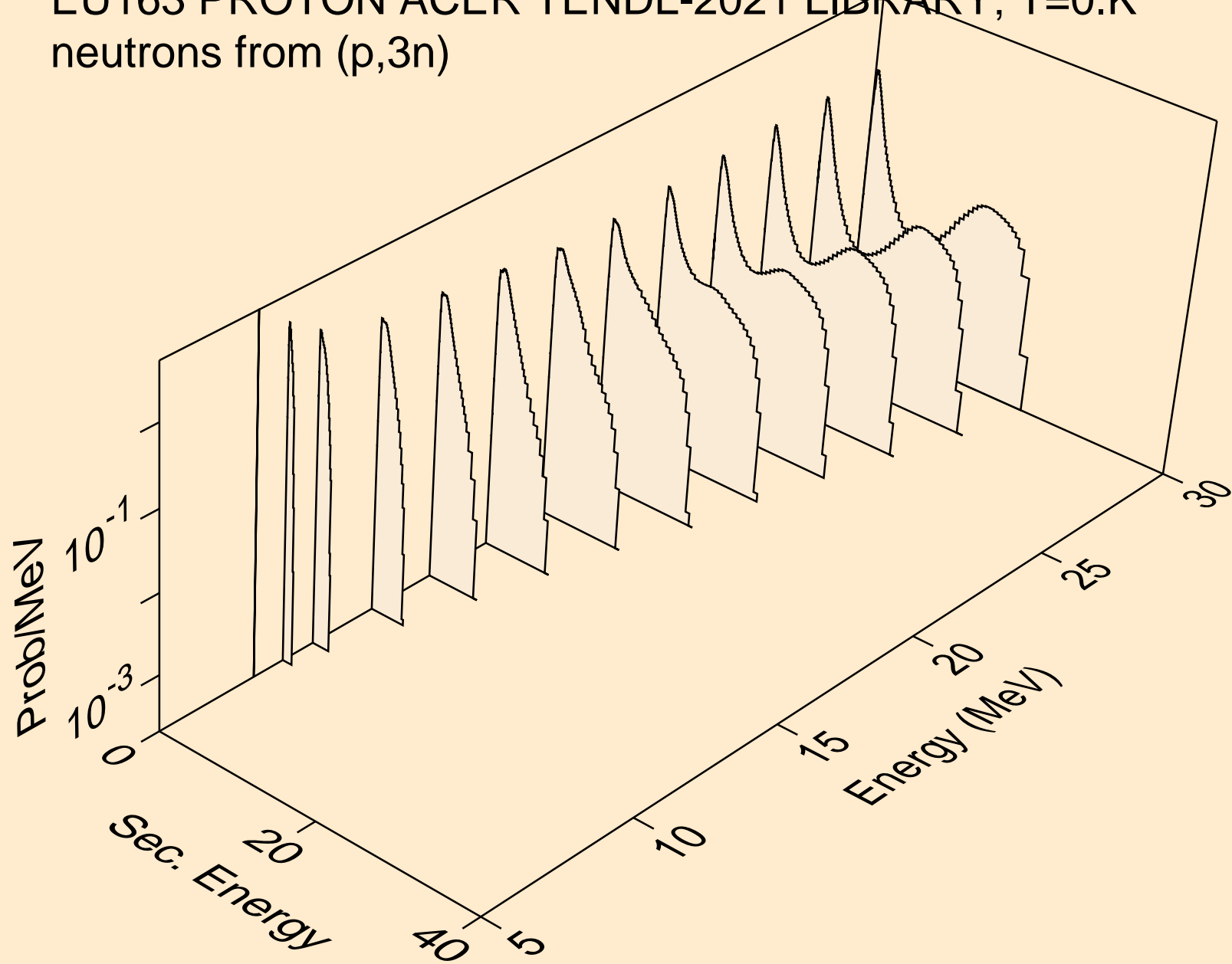




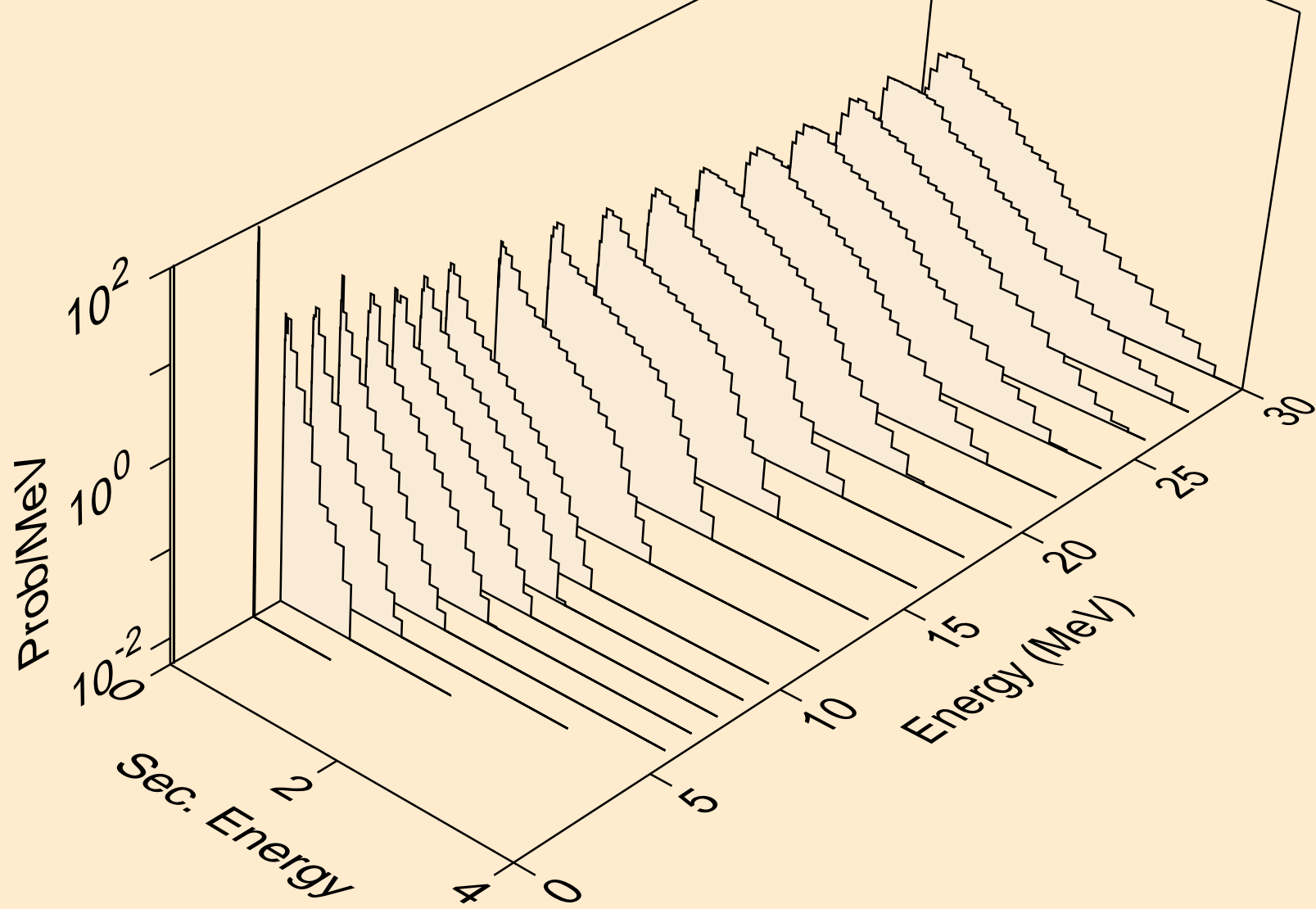
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neutrons from (p,2n)



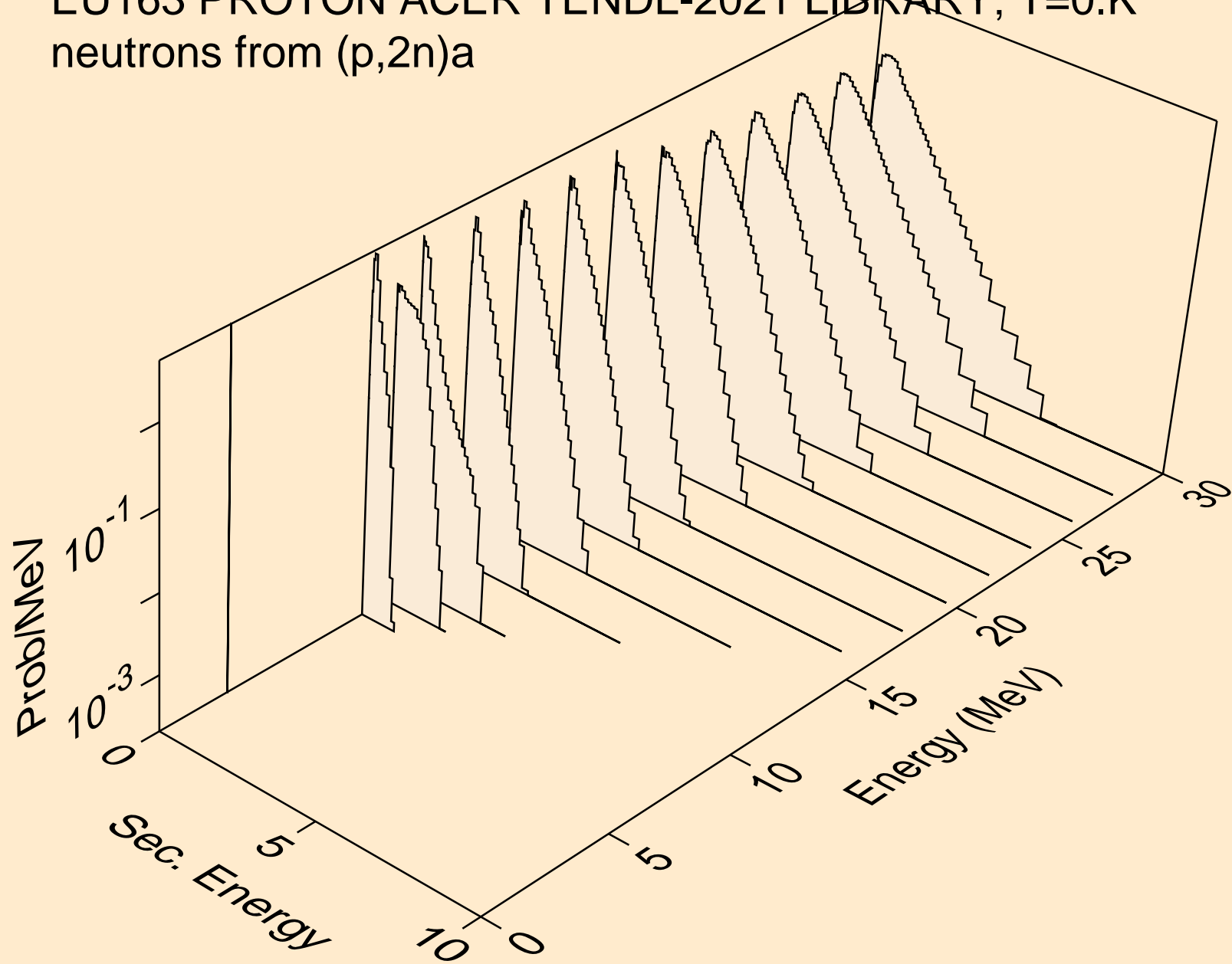
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neutrons from (p,3n)



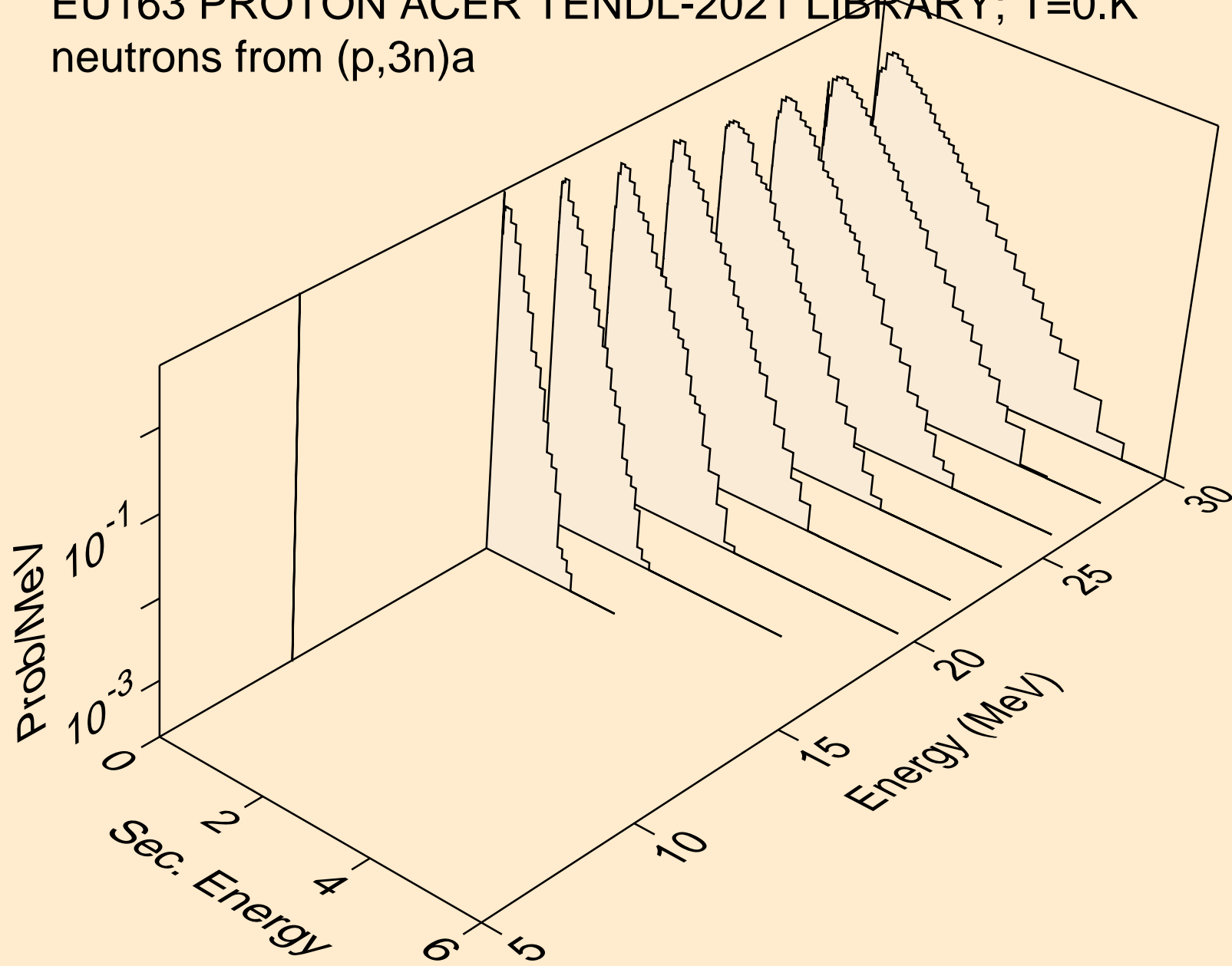
EU163 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)a



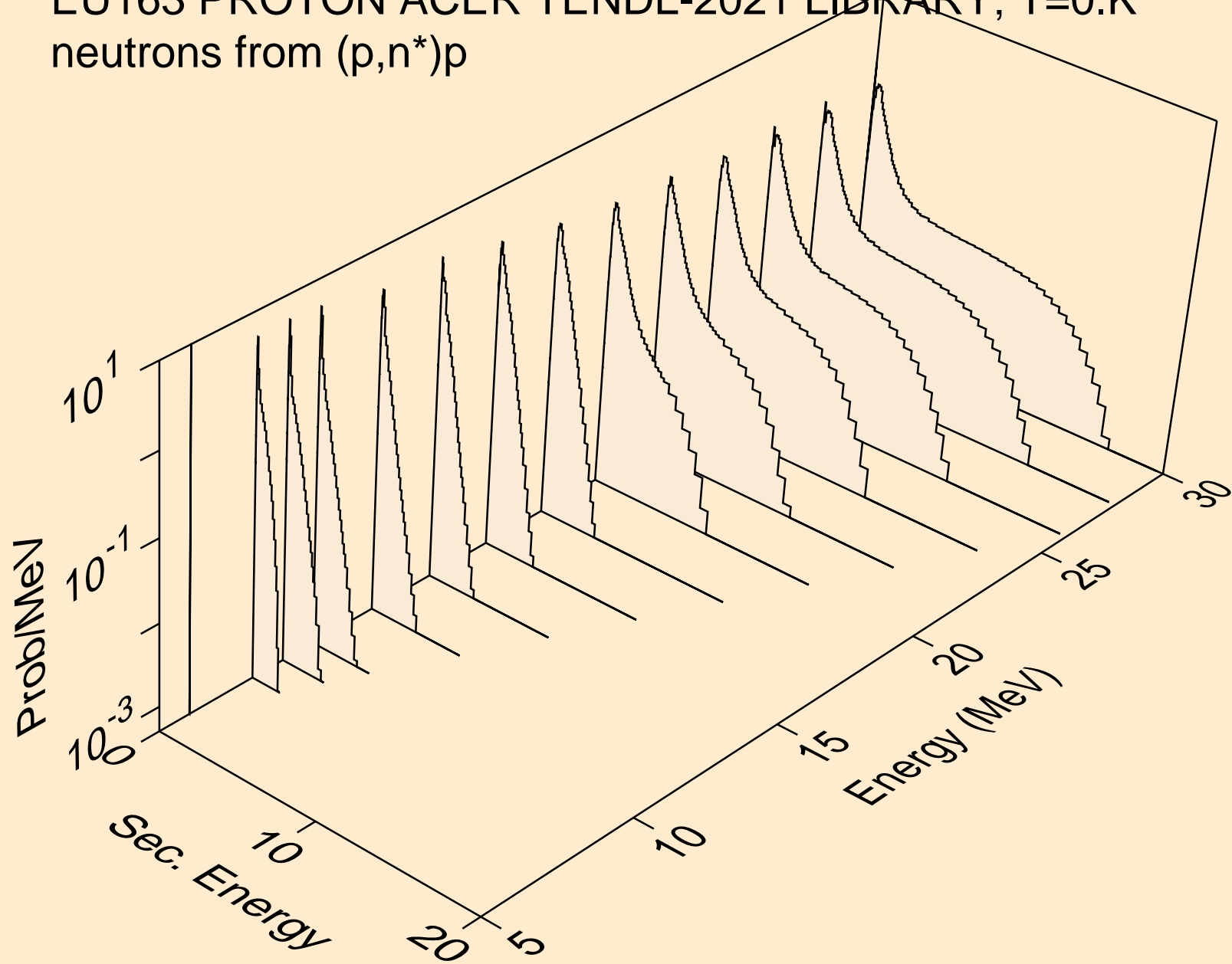
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neutrons from (p,2n)a



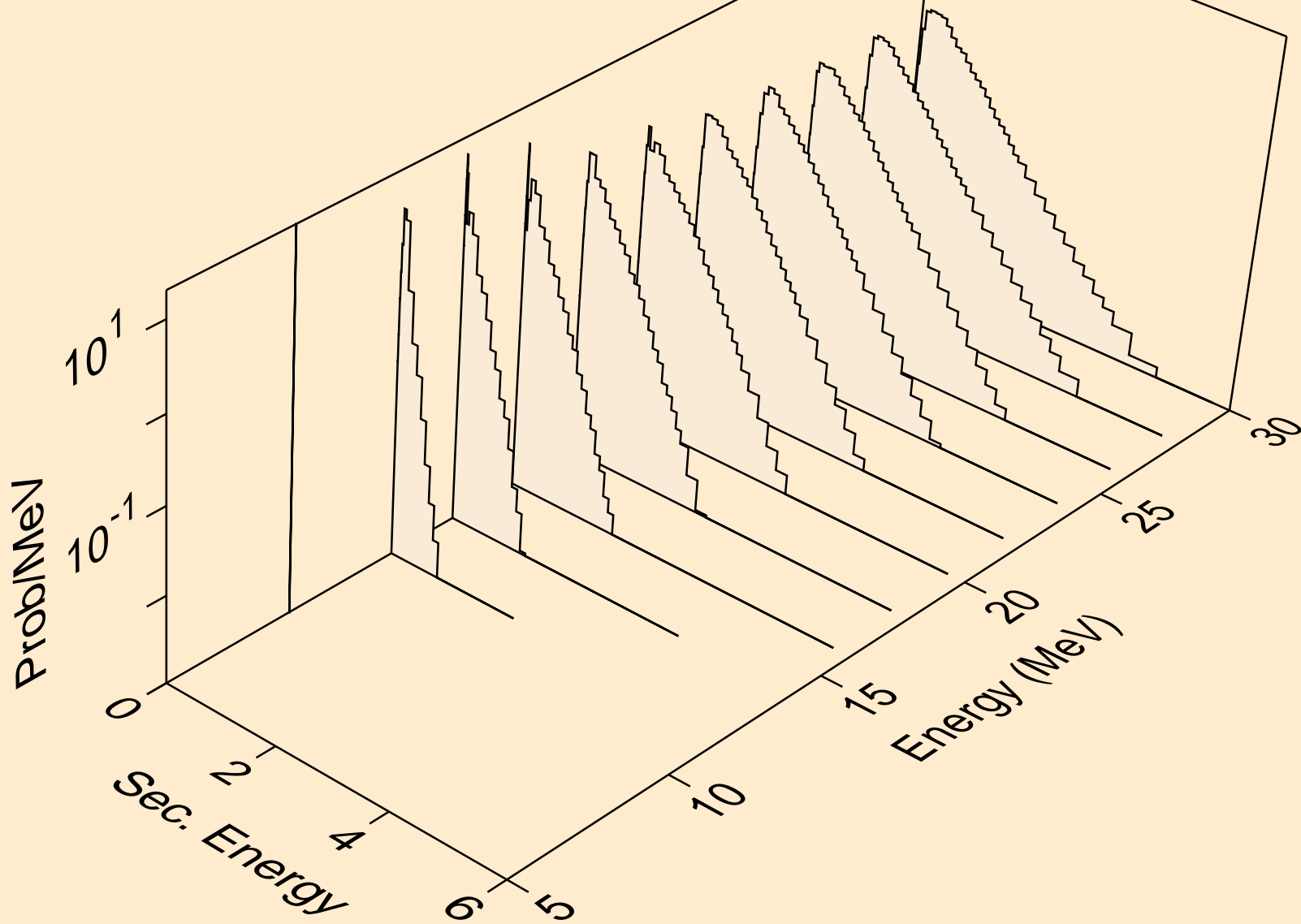
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neutrons from (p,3n)a



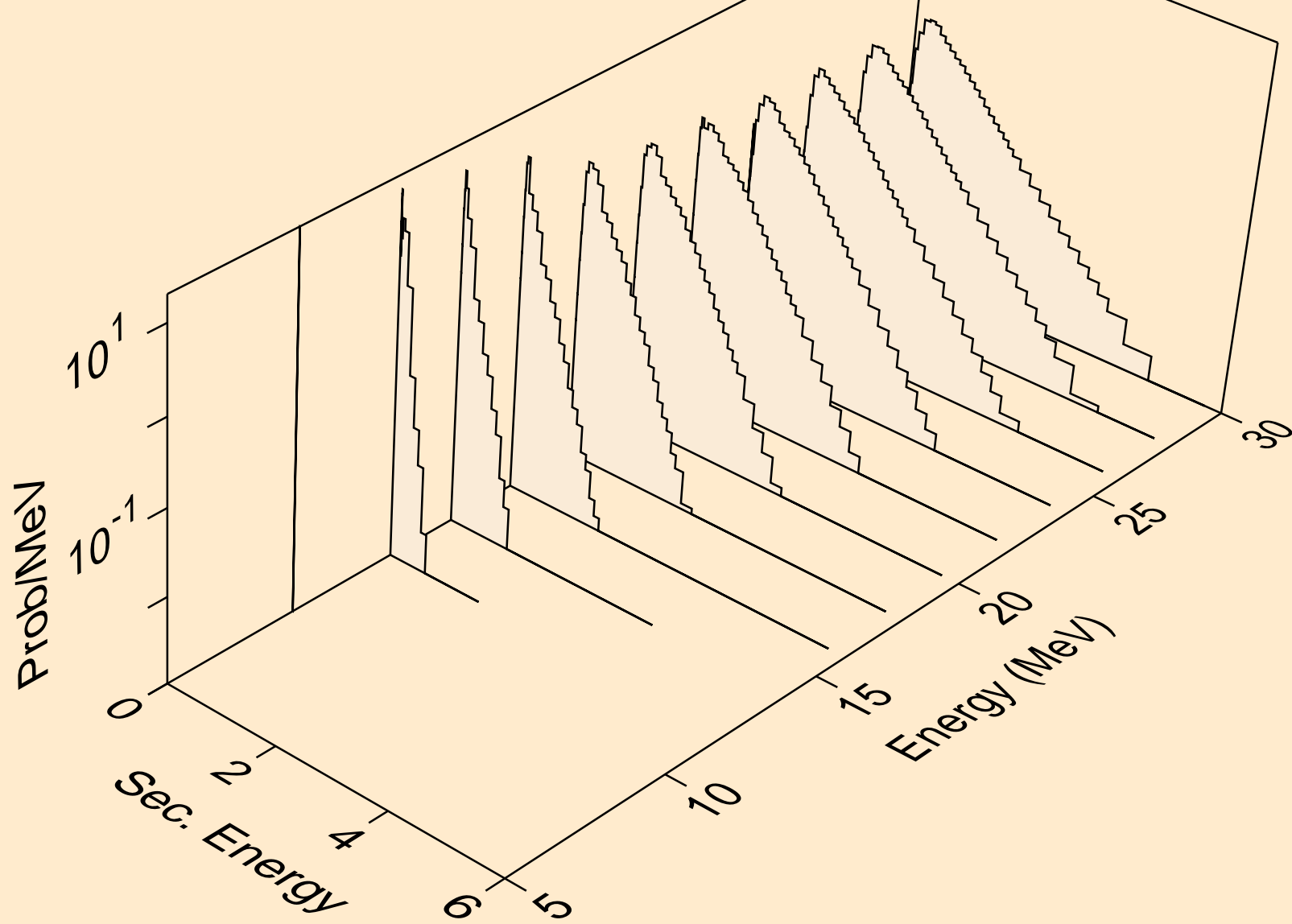
EU163 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)p



EU163 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)d

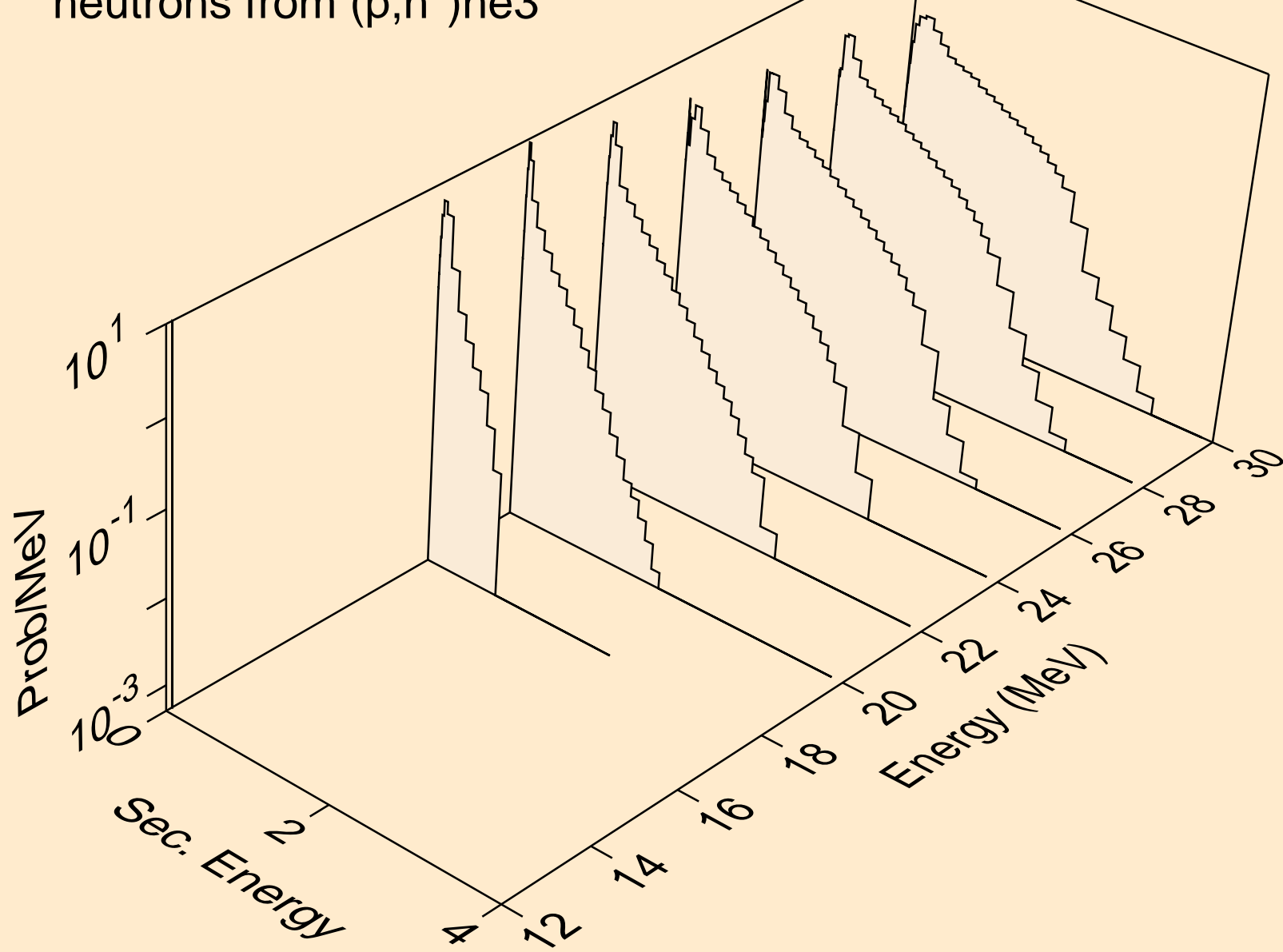


EU163 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)t

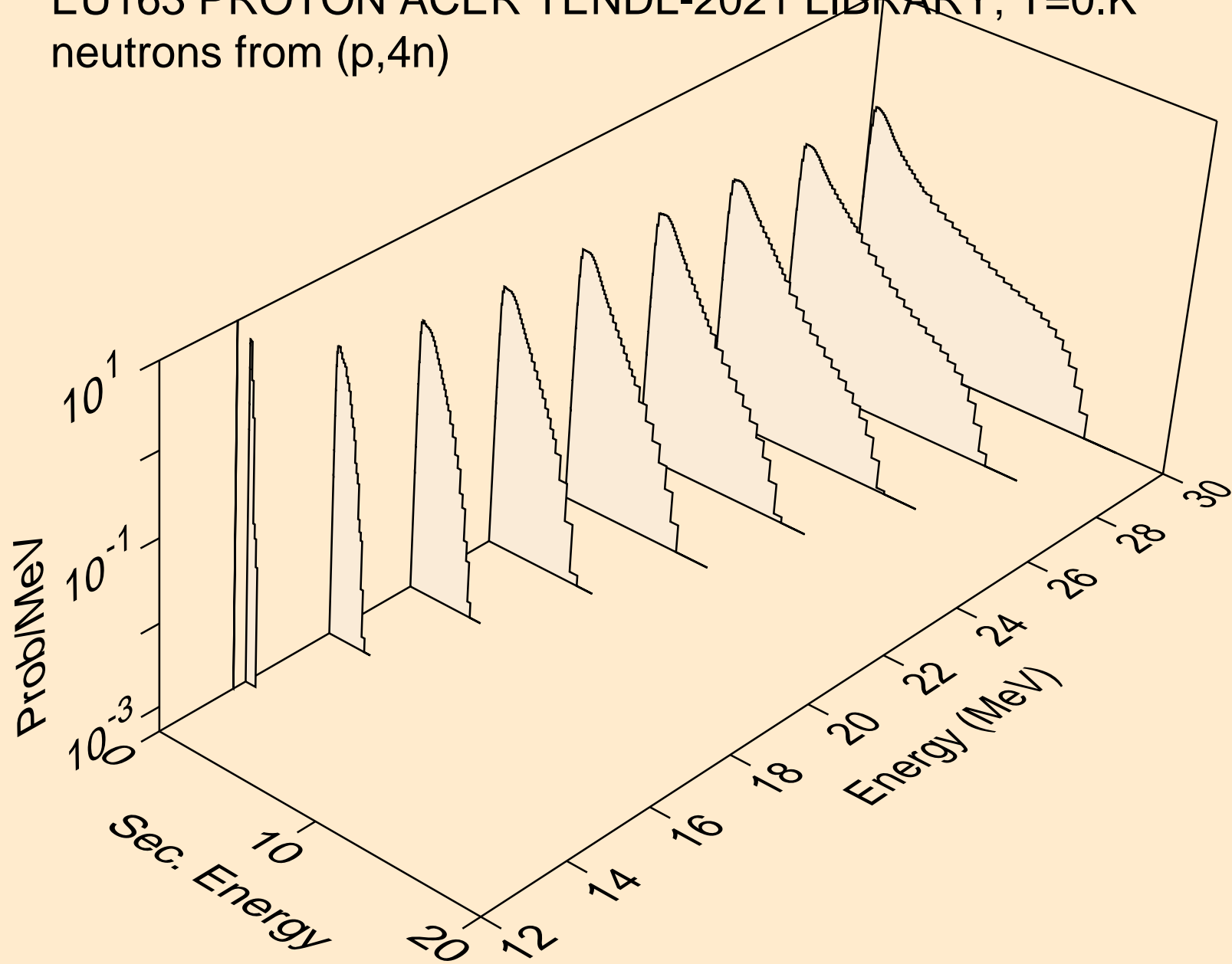




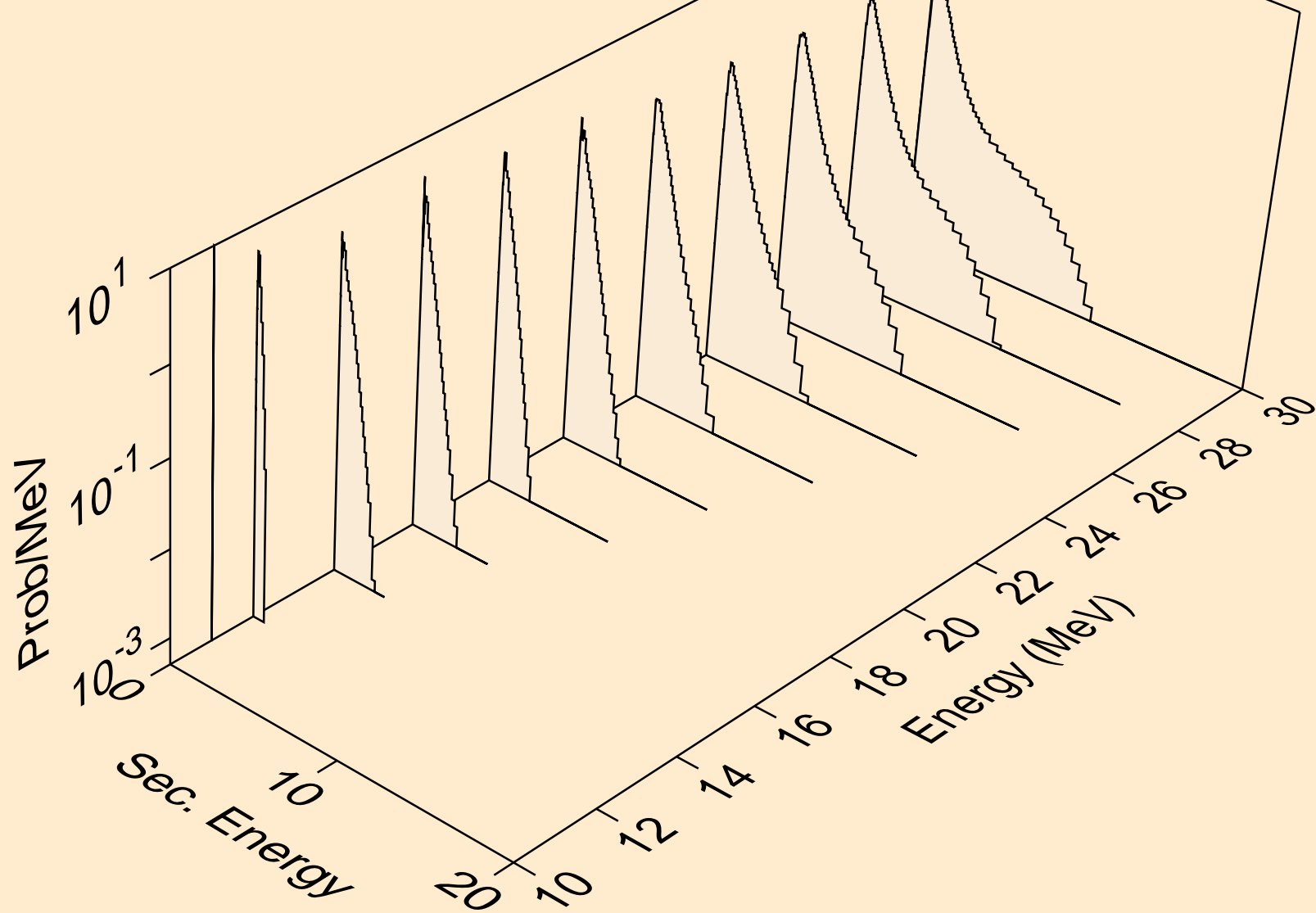
EU163 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



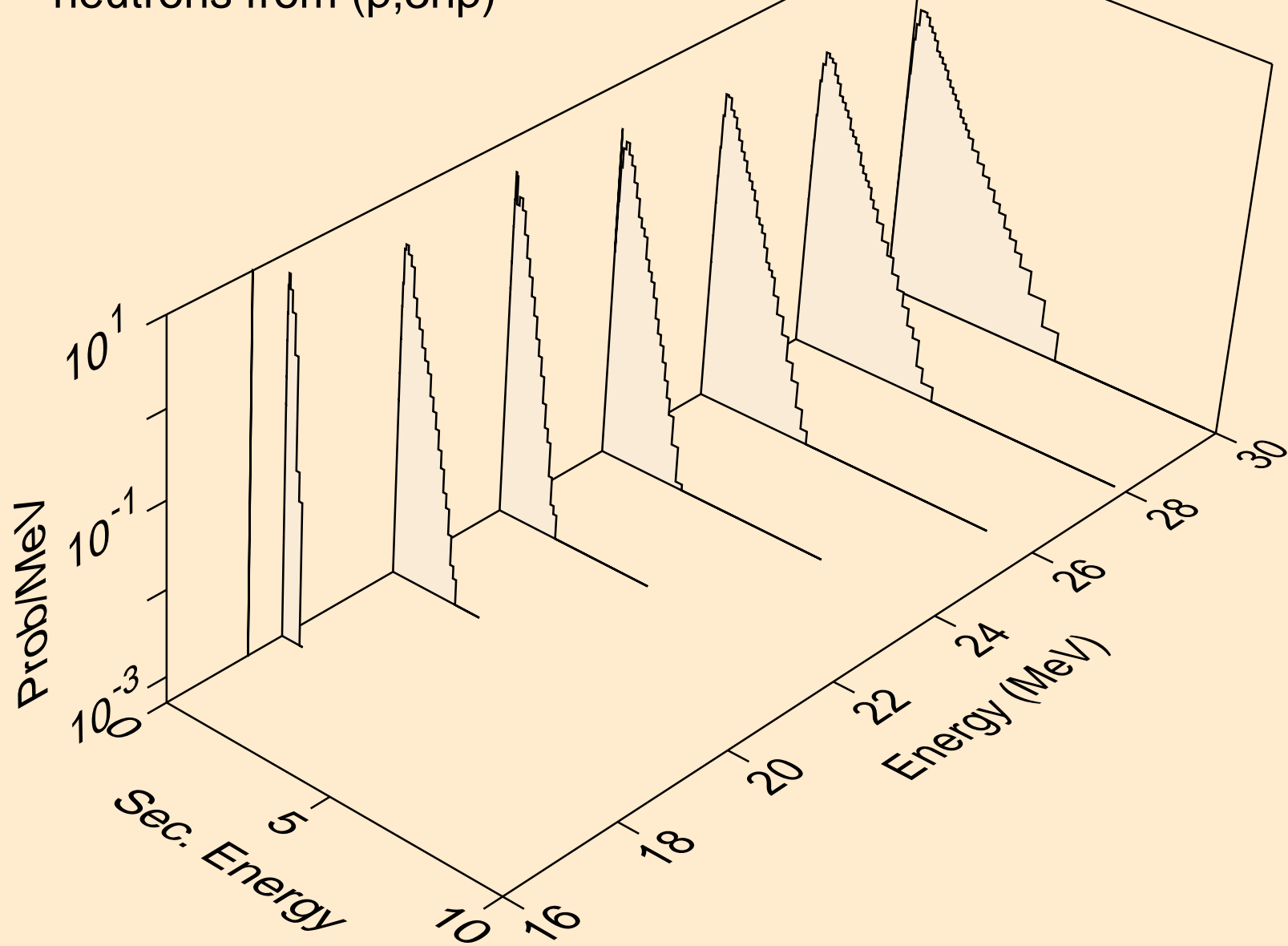
EU163 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,4n)



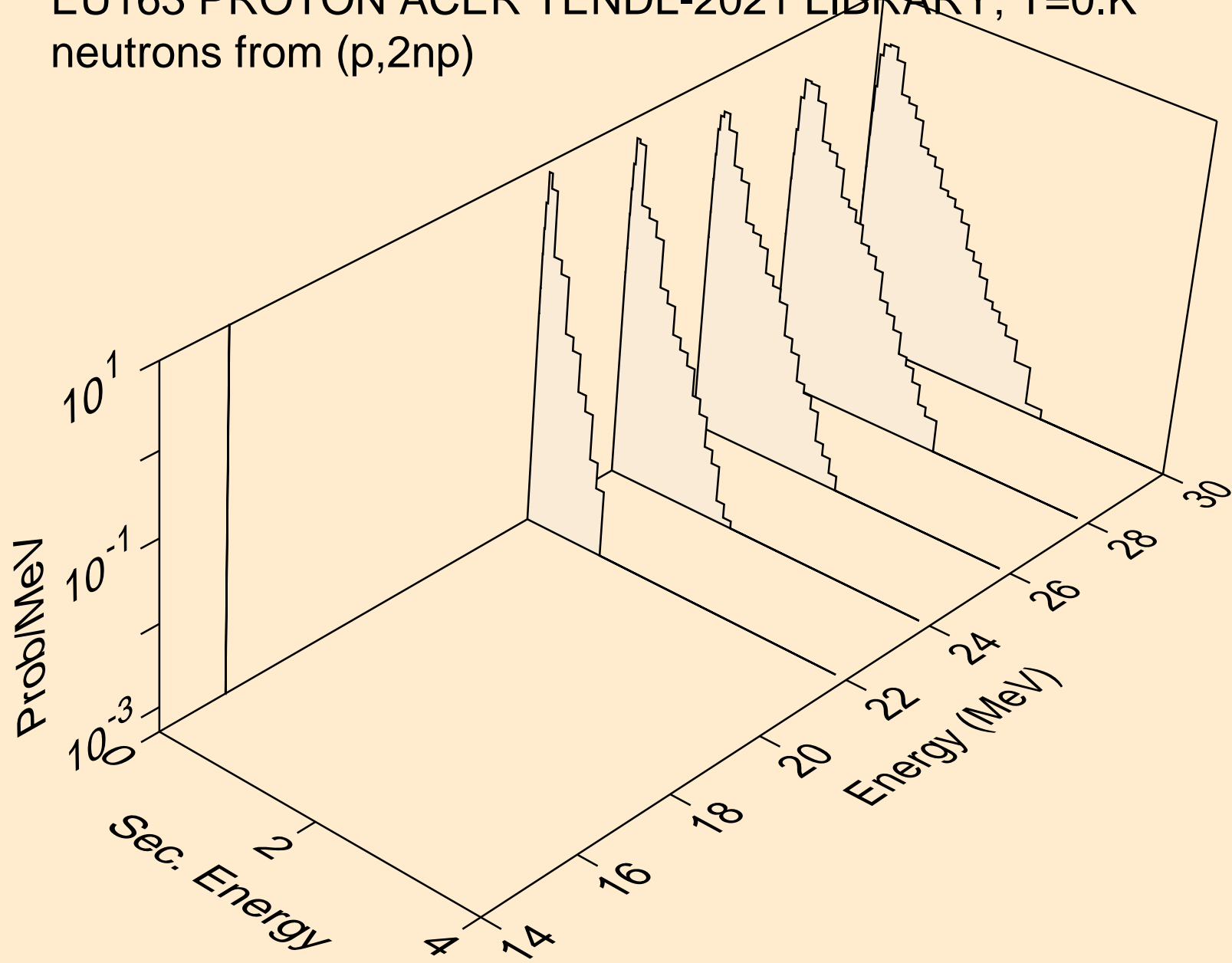
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neutrons from (p,2np)



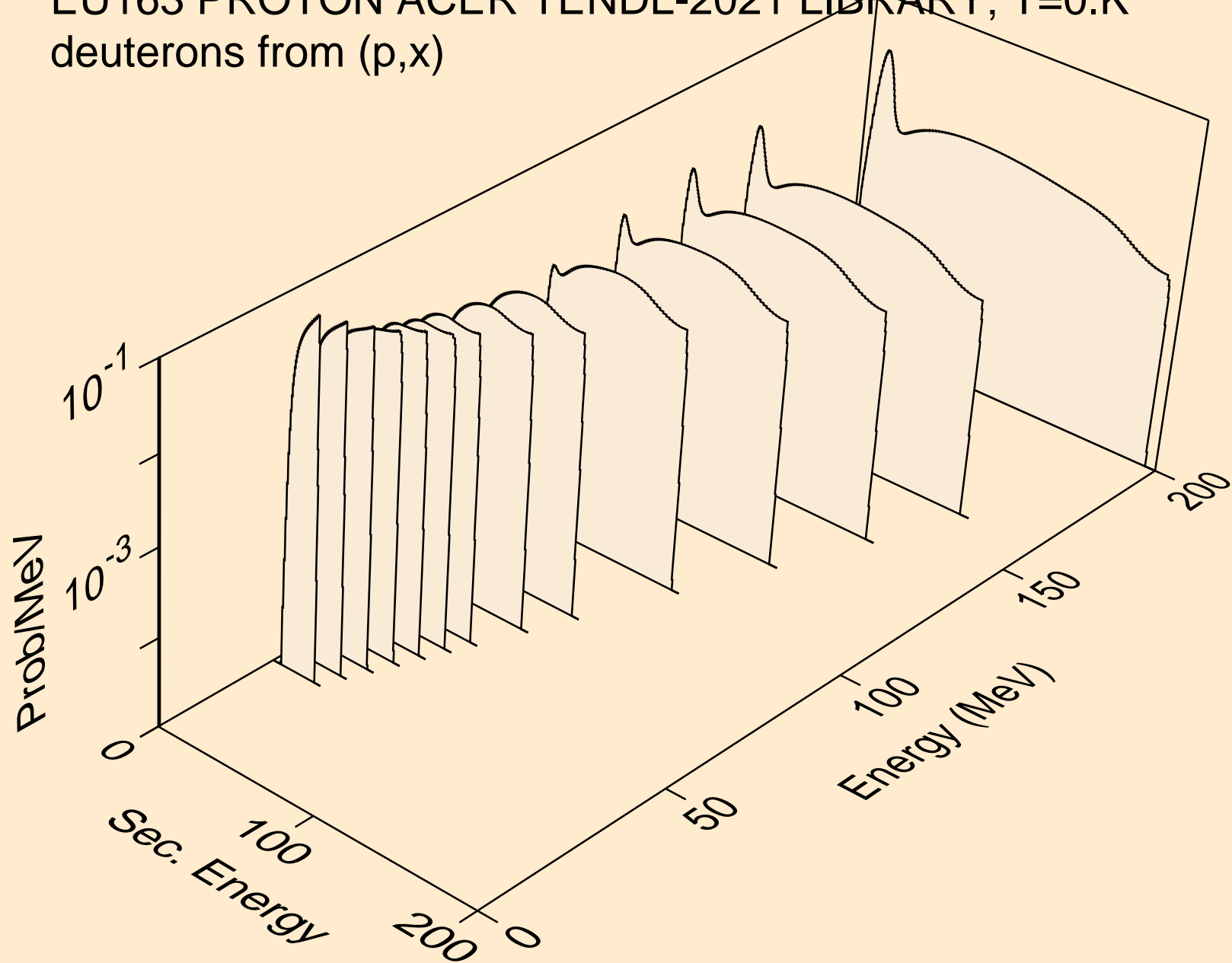
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neutrons from (p,3np)



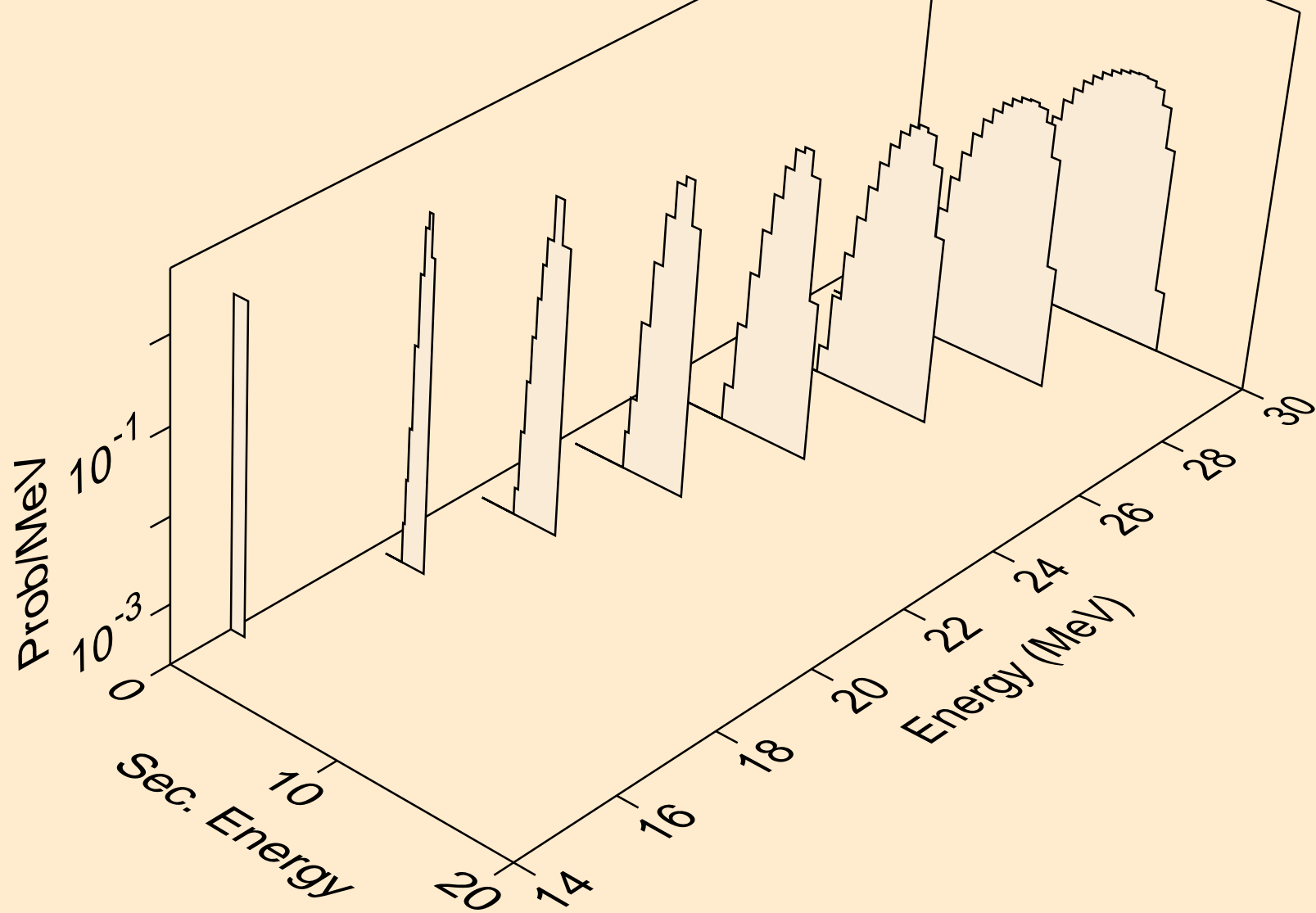
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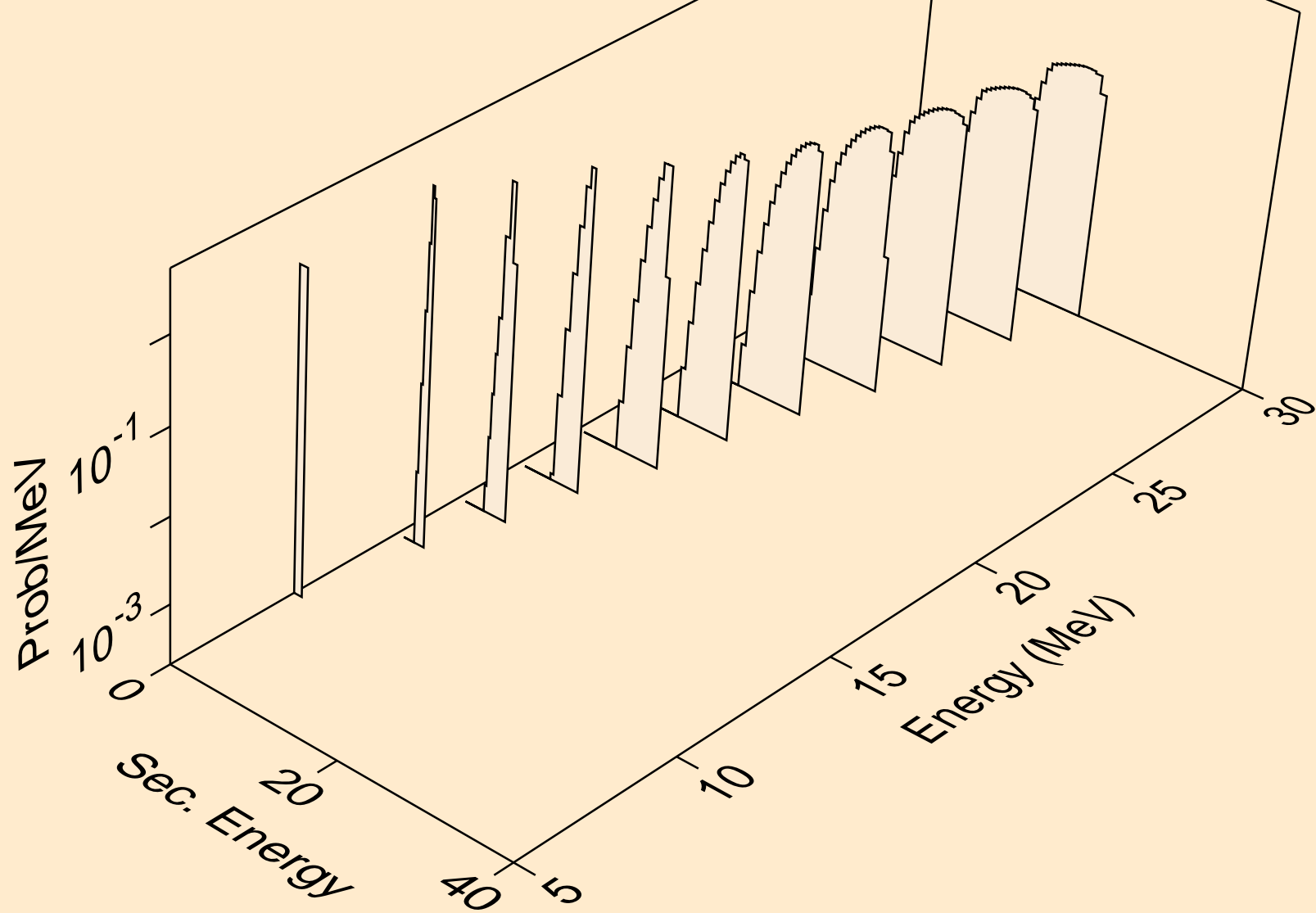
EU163 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,x)



EU163 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,2nd)

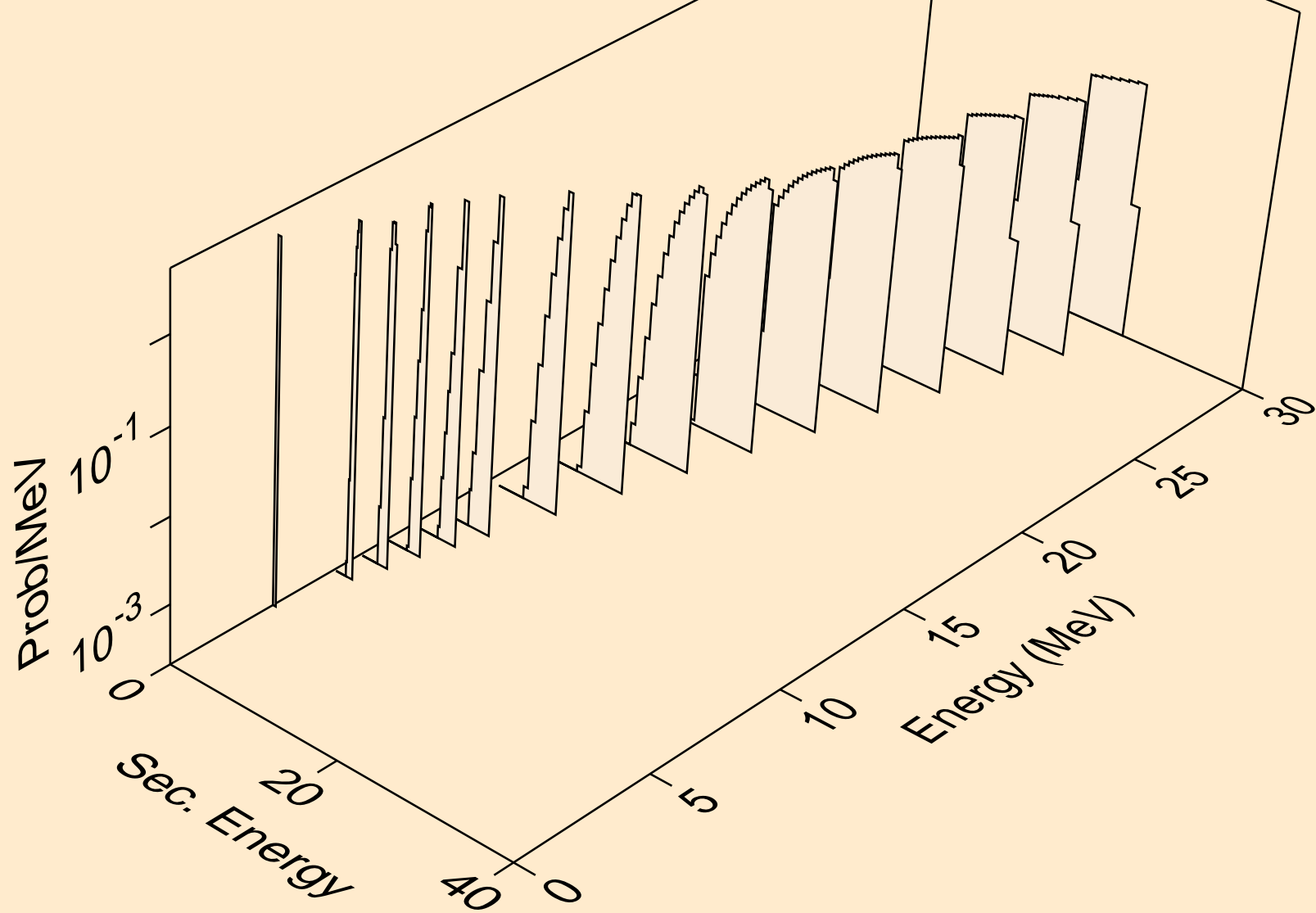


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deuterons from (p,n\*)d

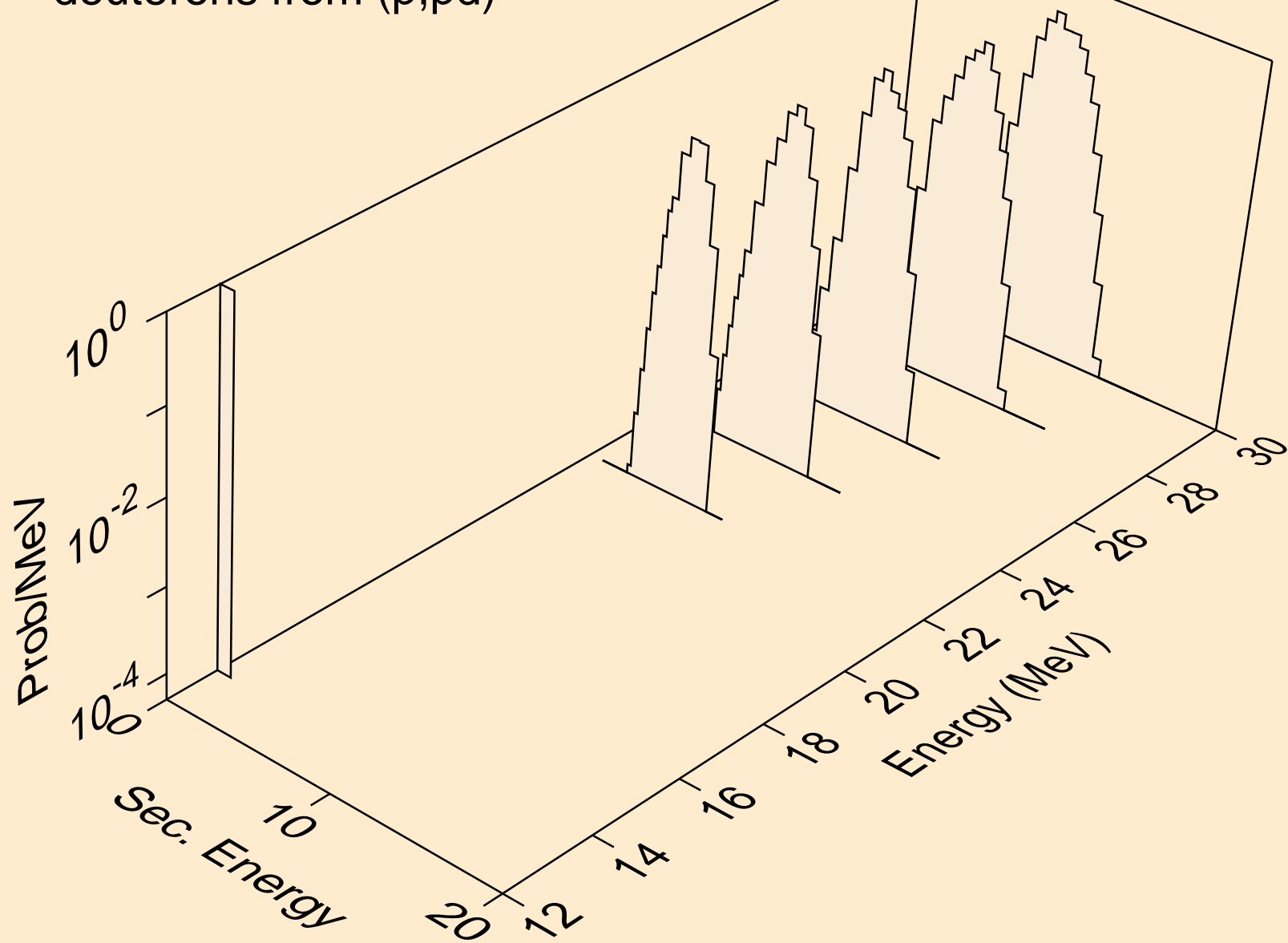




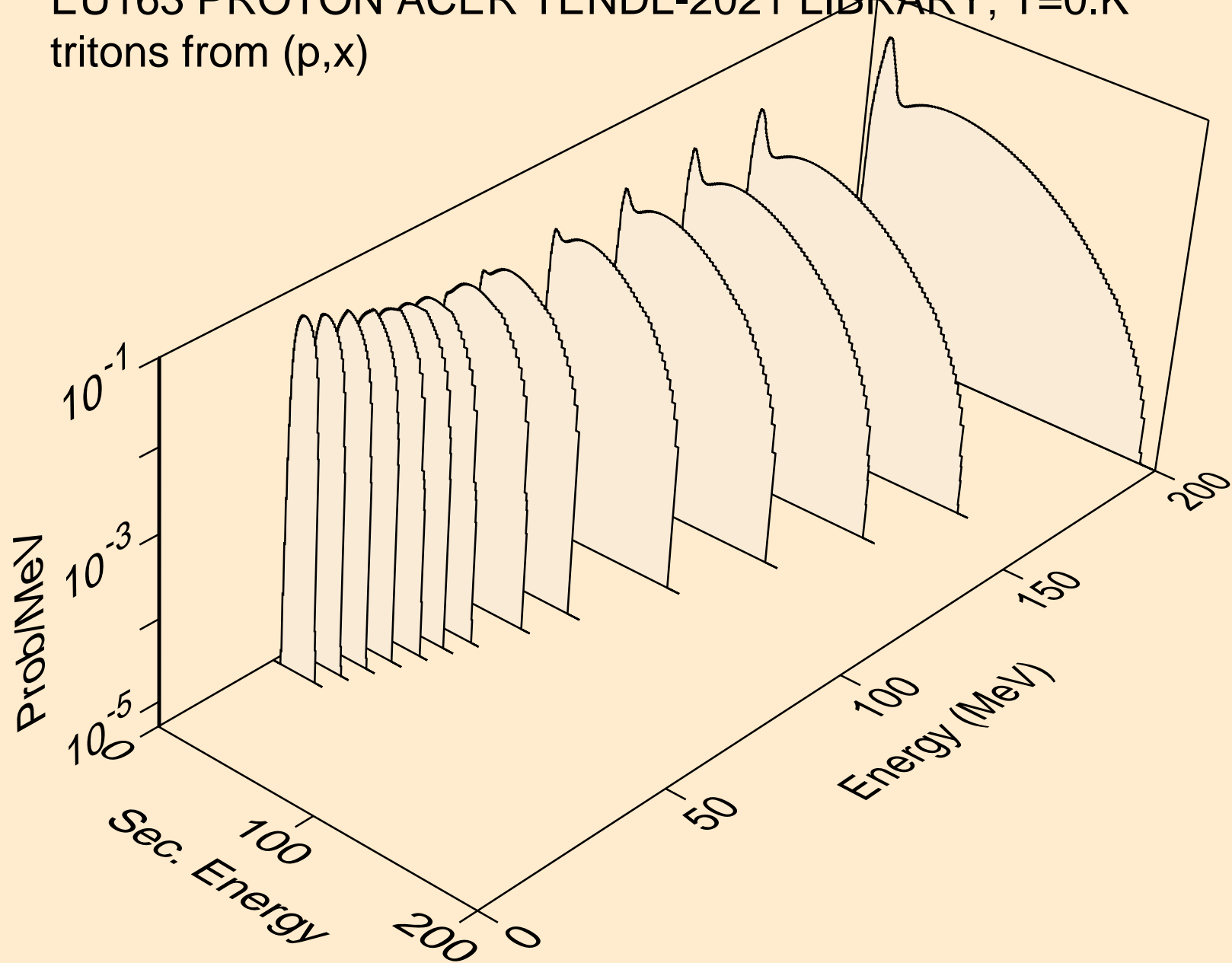
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deuterons from (p,d)



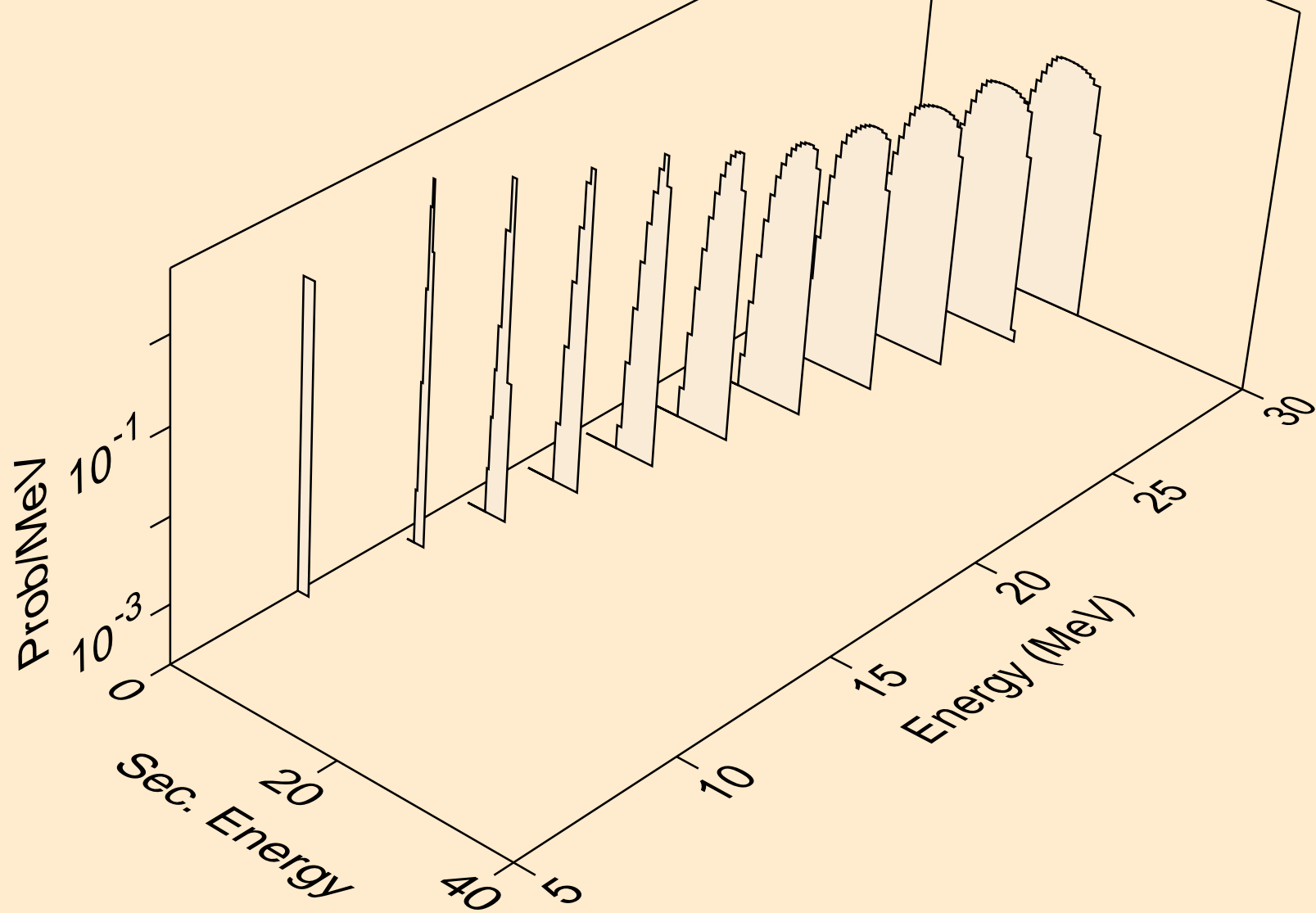
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deuterons from (p,pd)



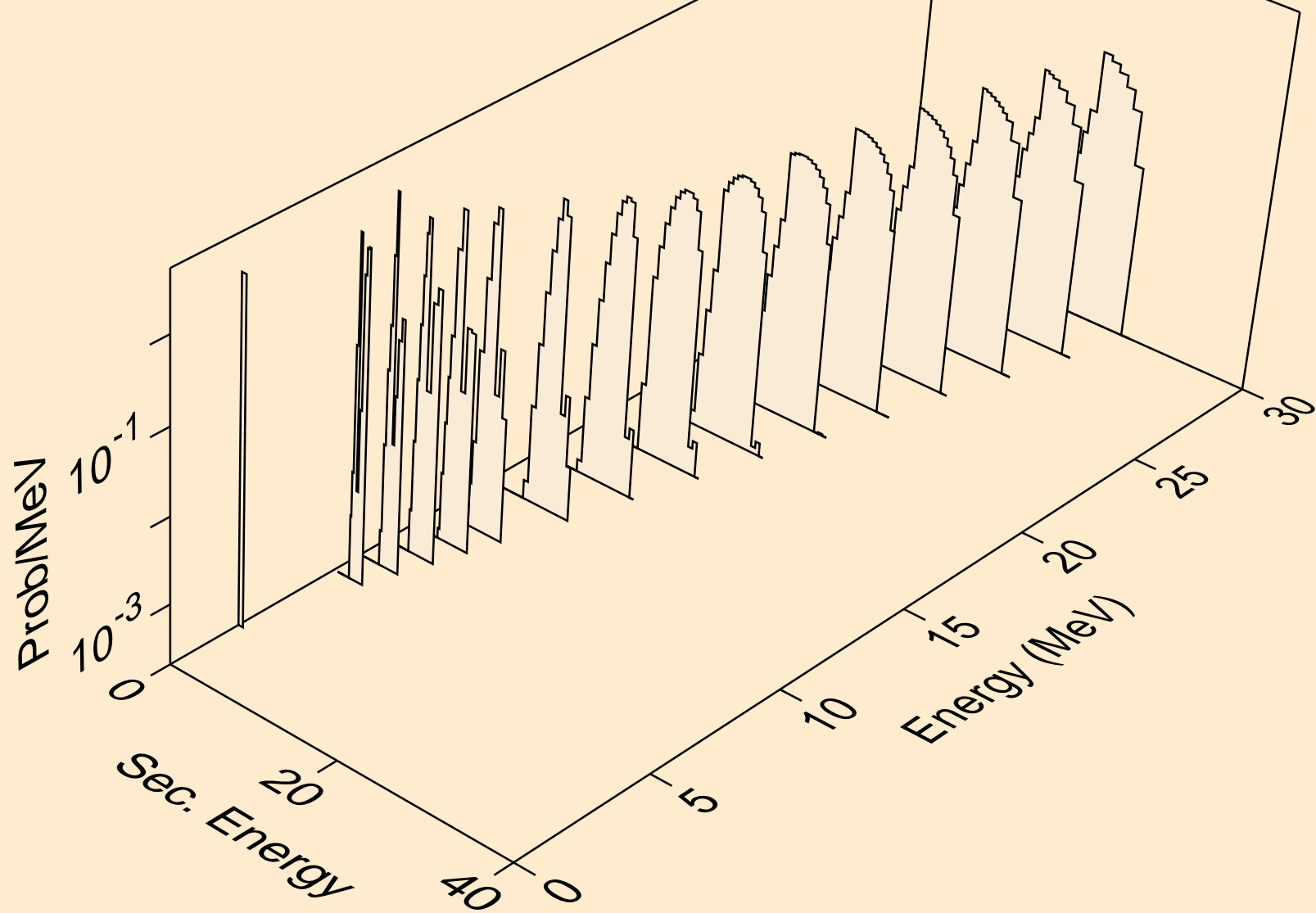
EU163 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,x)



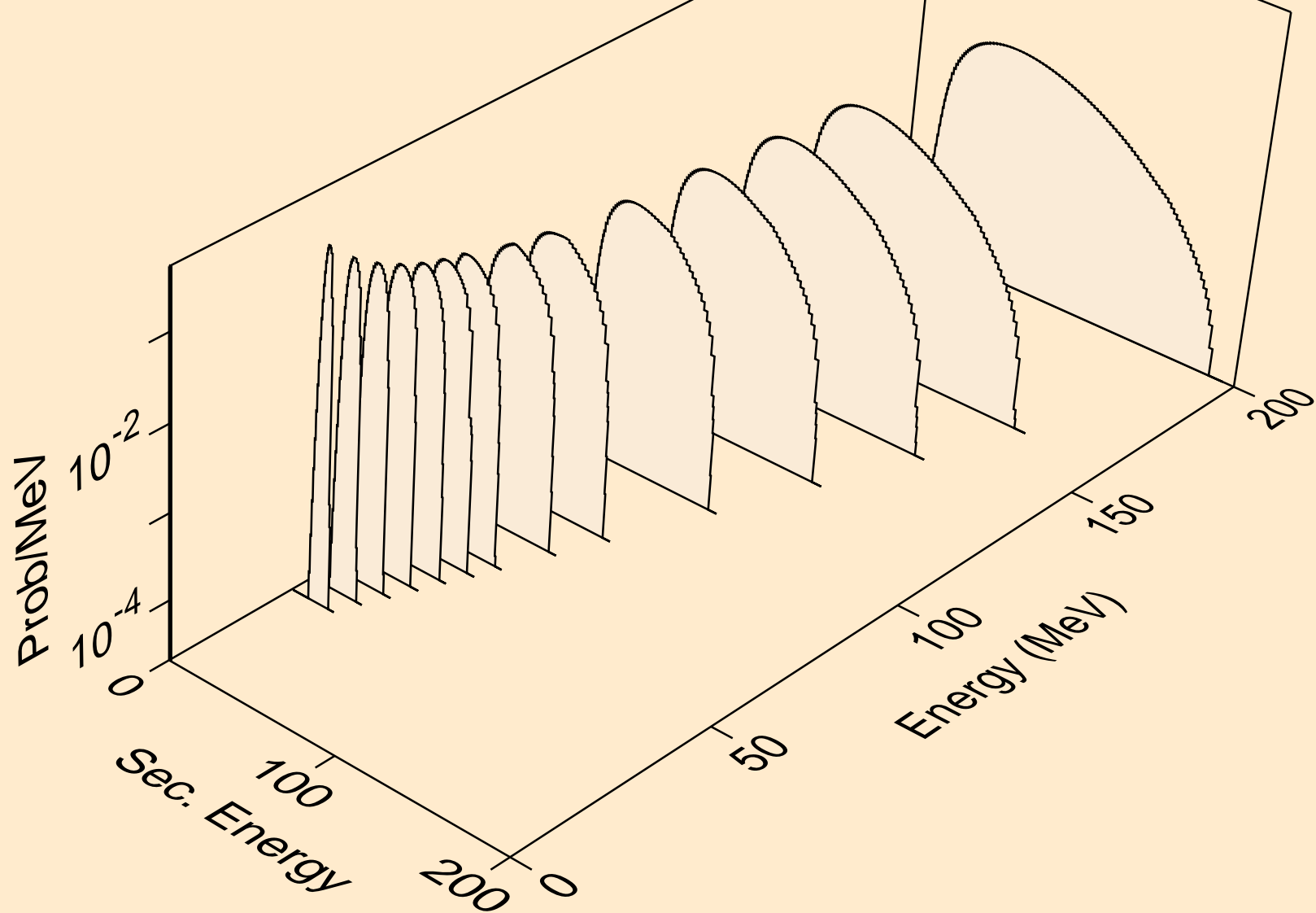
EU163 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,n\*)t



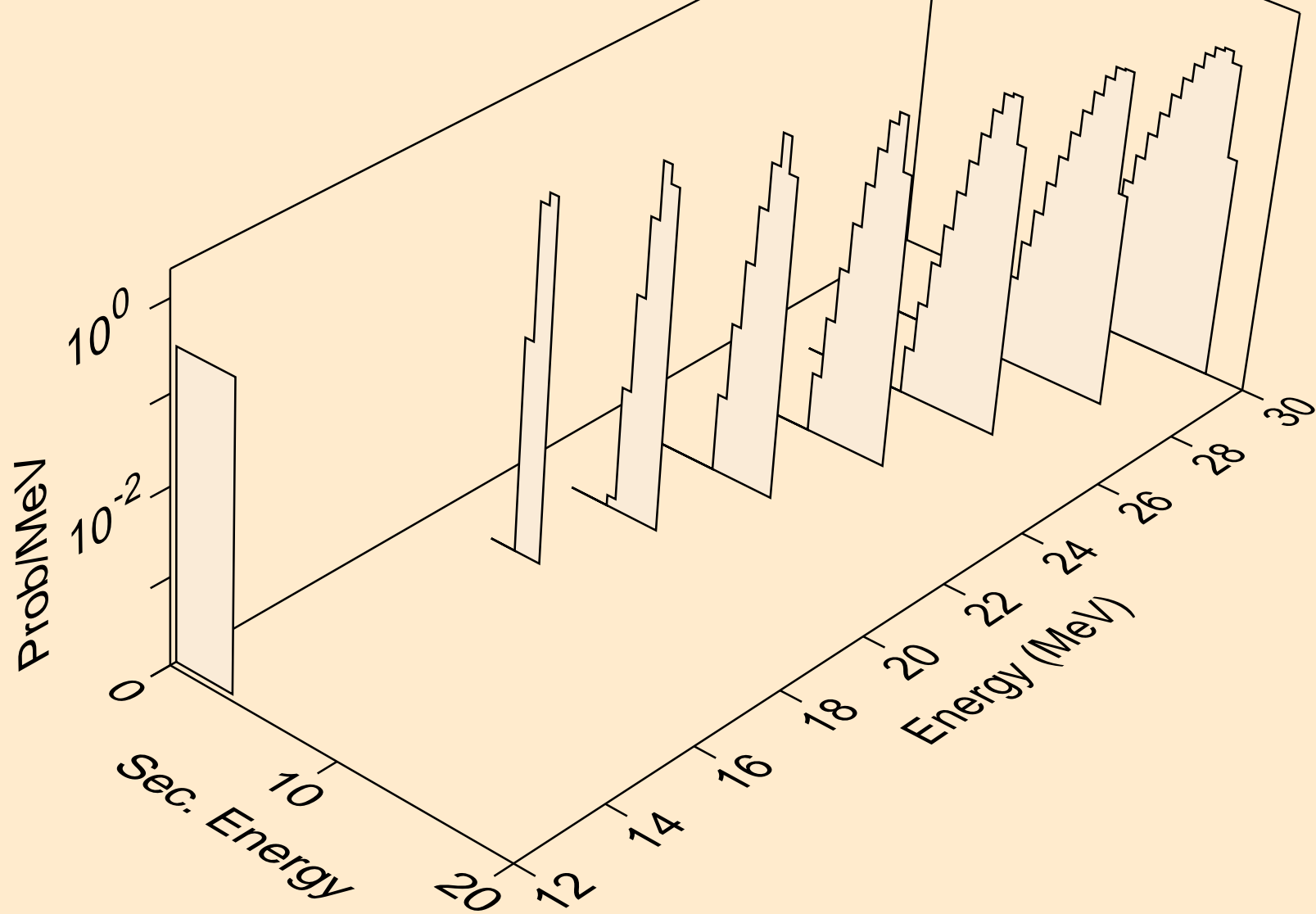
EU163 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,t)



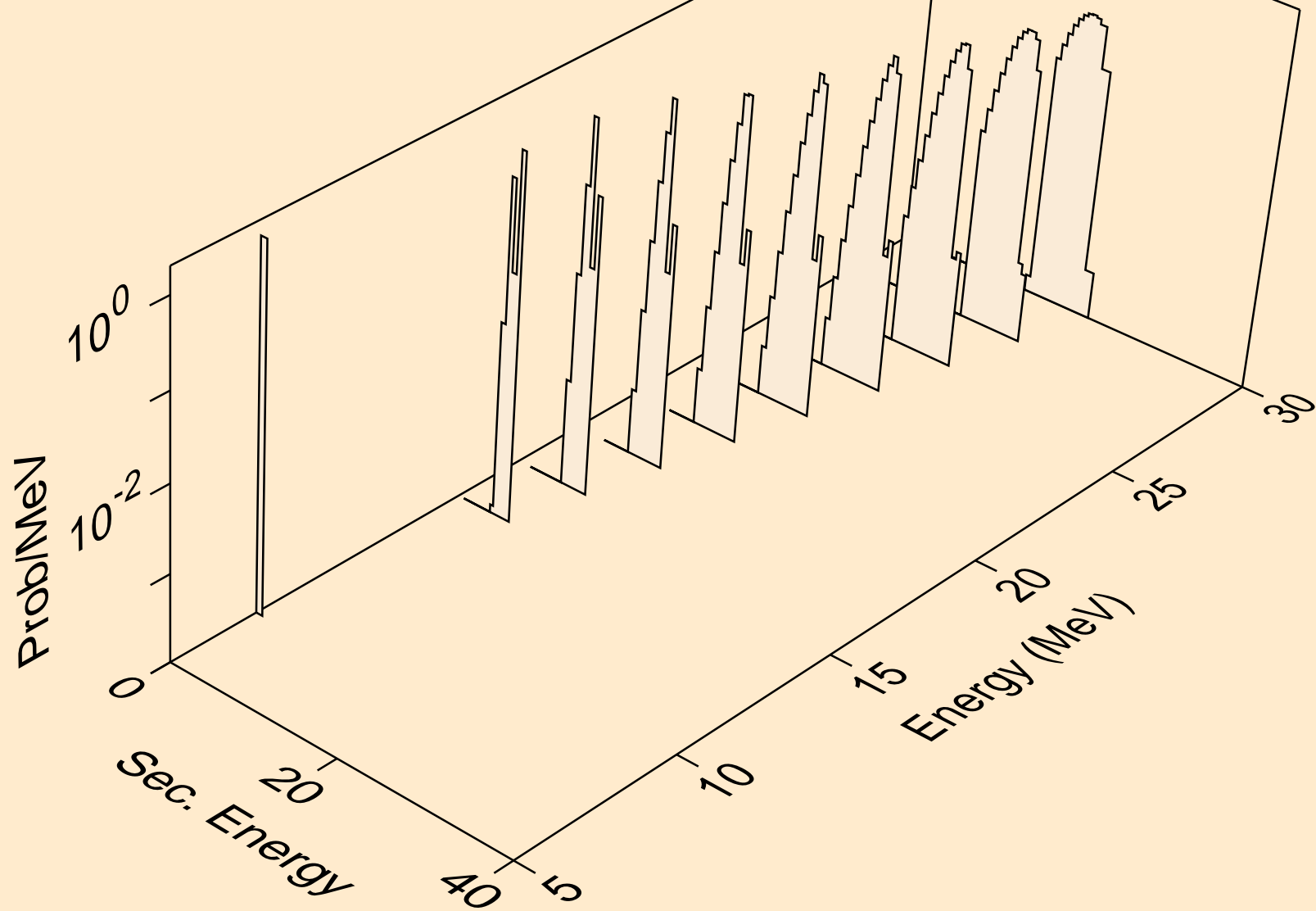
EU163 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,x)



EU163 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,n\*)he3

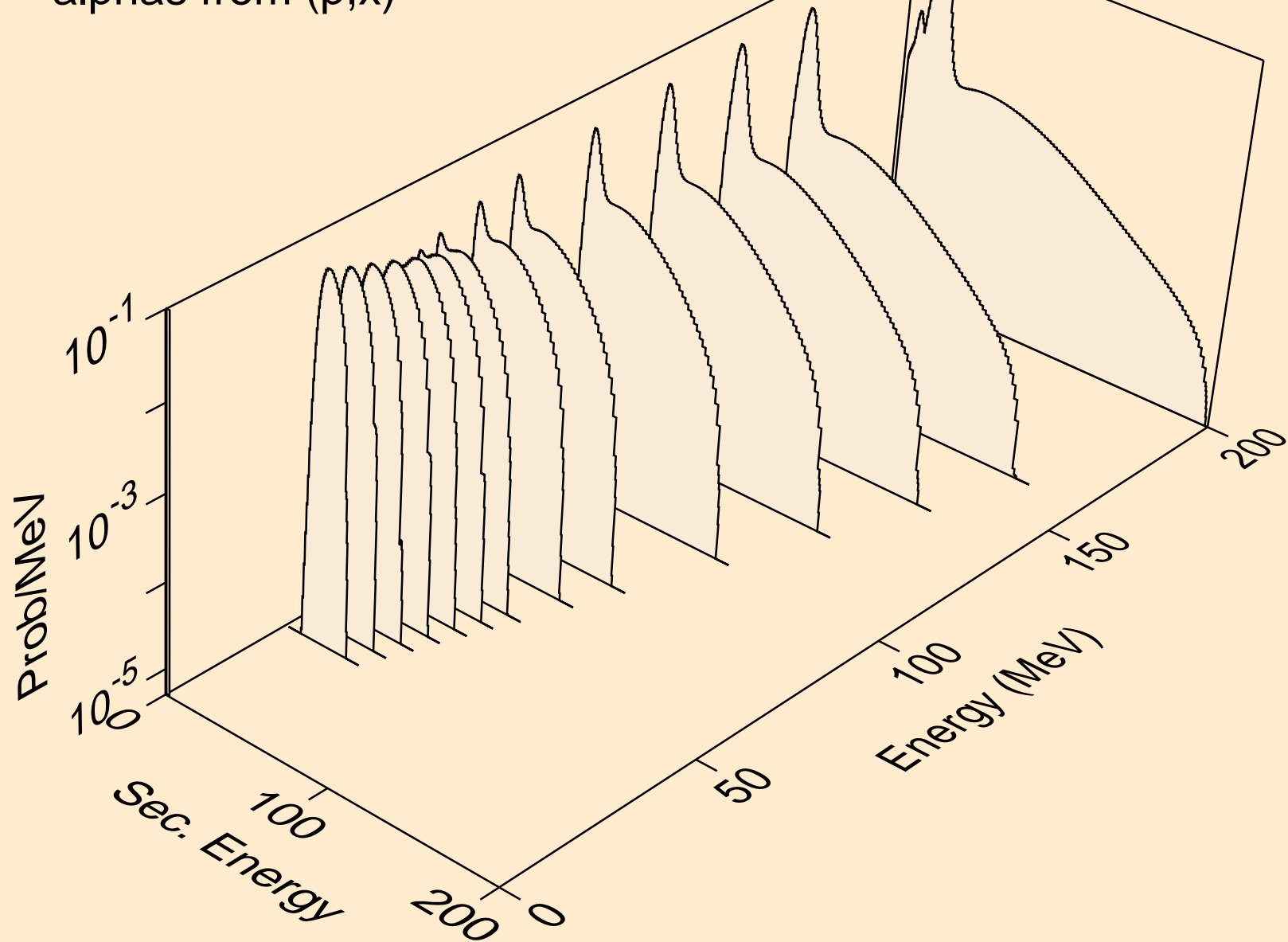


EU163 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,he3)

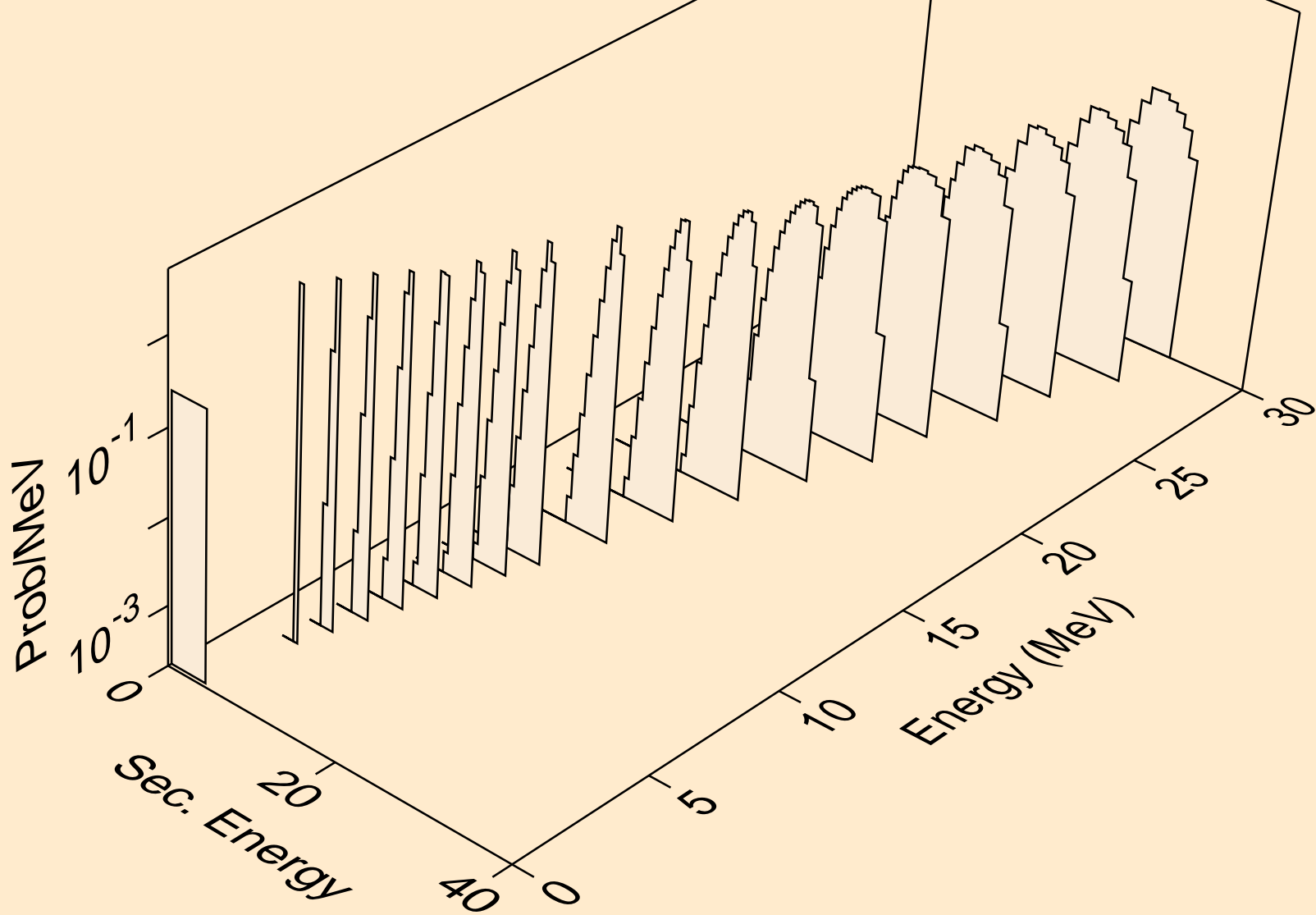




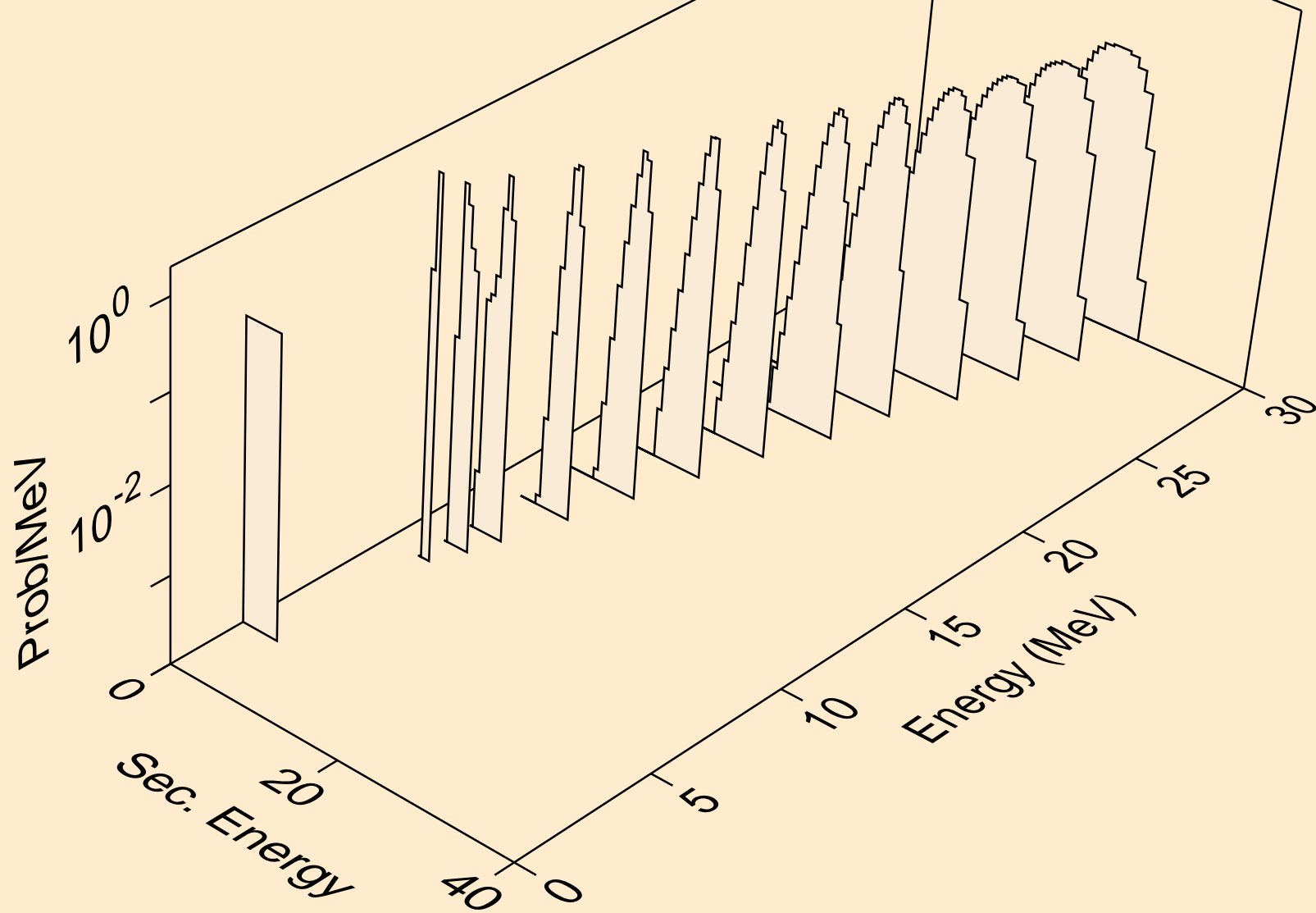
EU163 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,x)



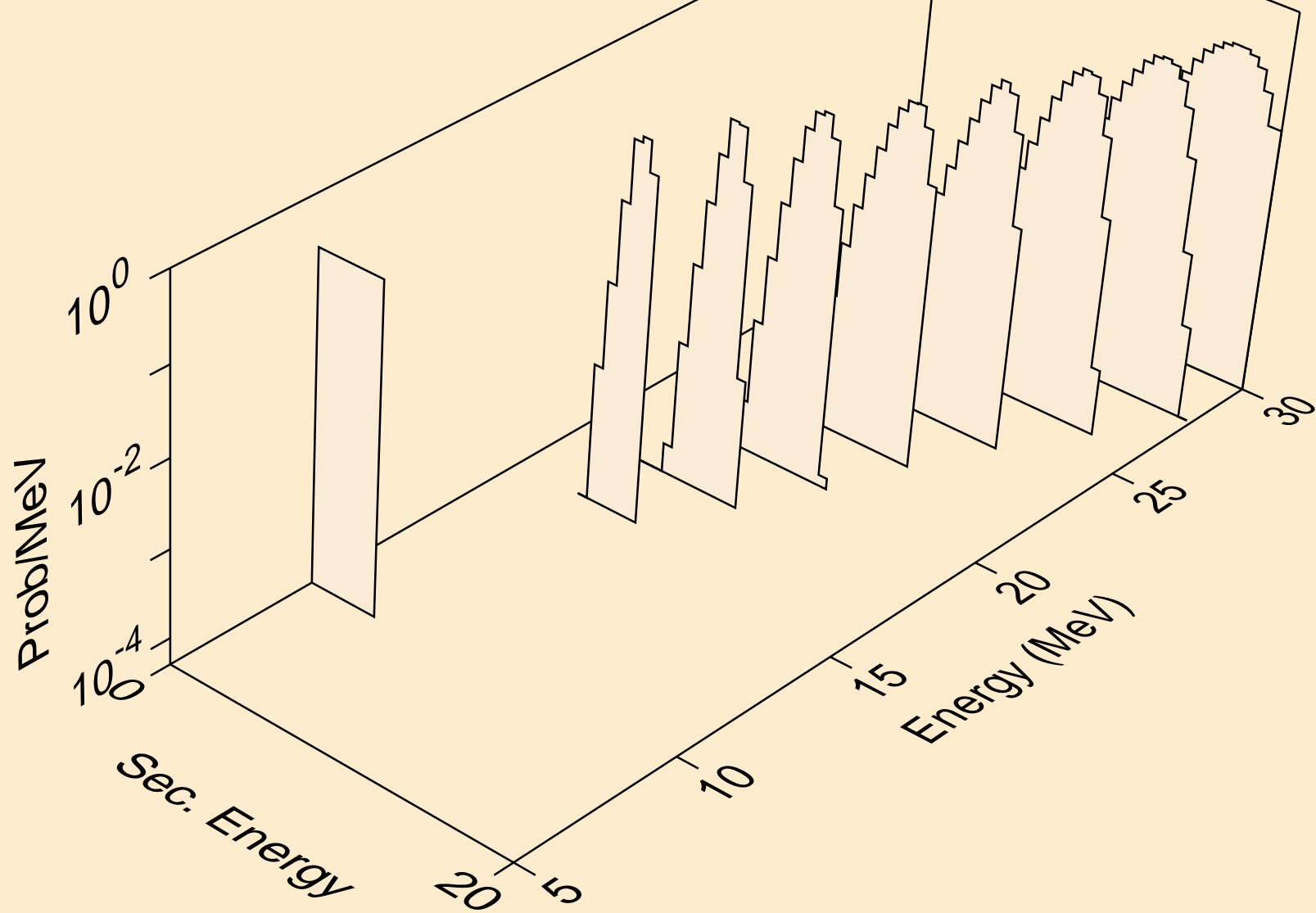
EU163 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,n\*)a



EU163 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,2n)a



EU163 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,3n)a



EU163 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,a)

