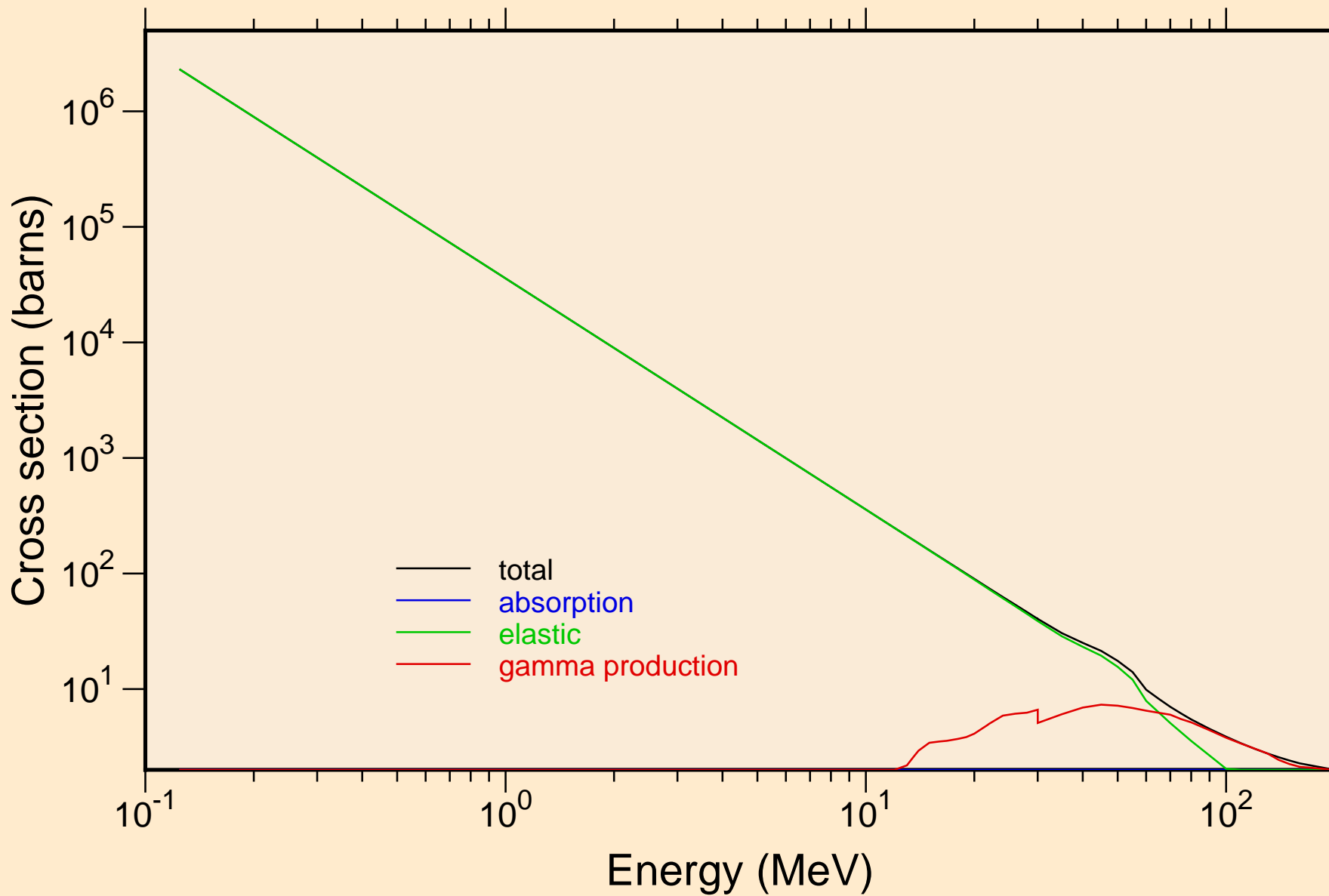


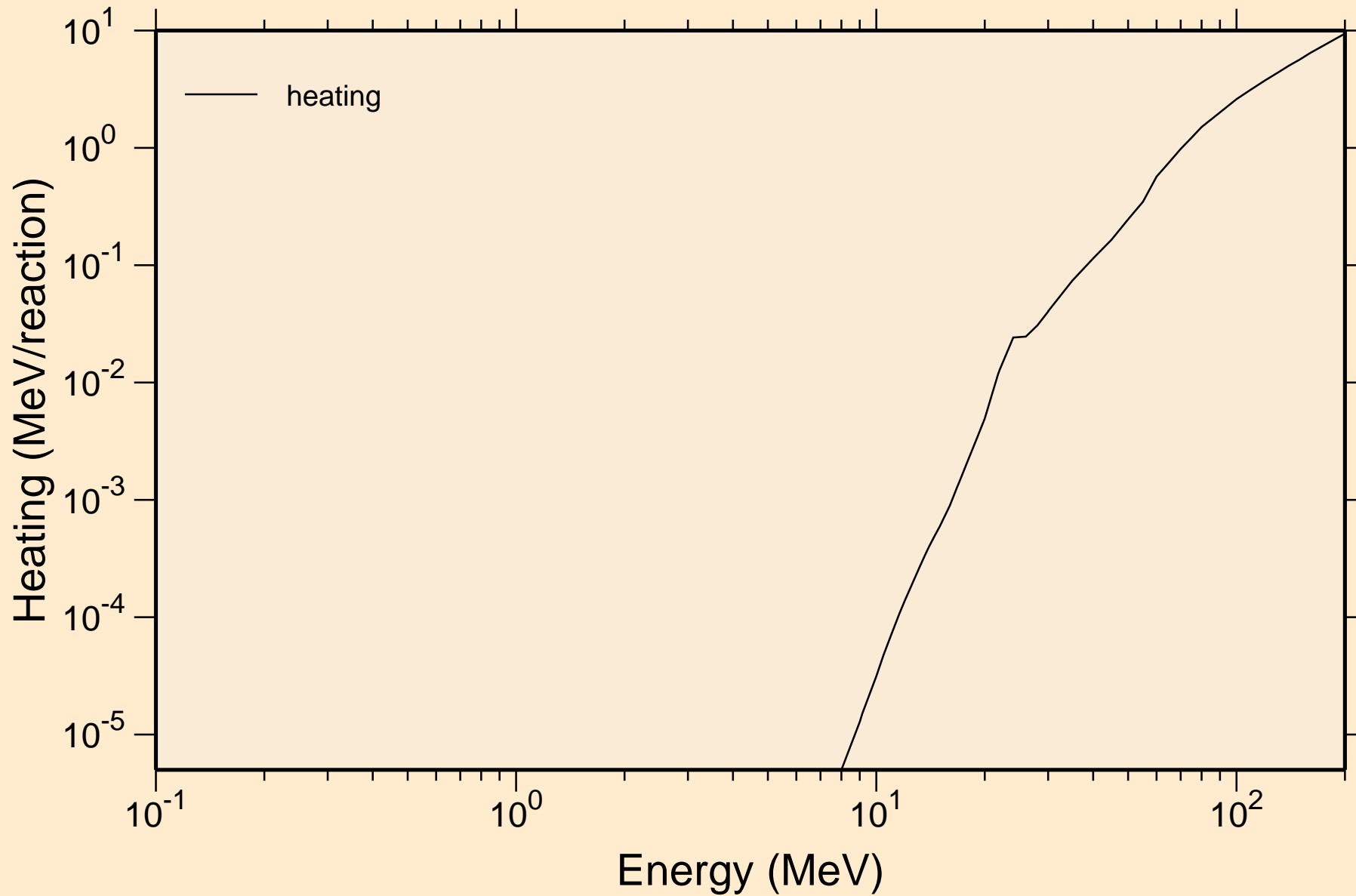
# OS193 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



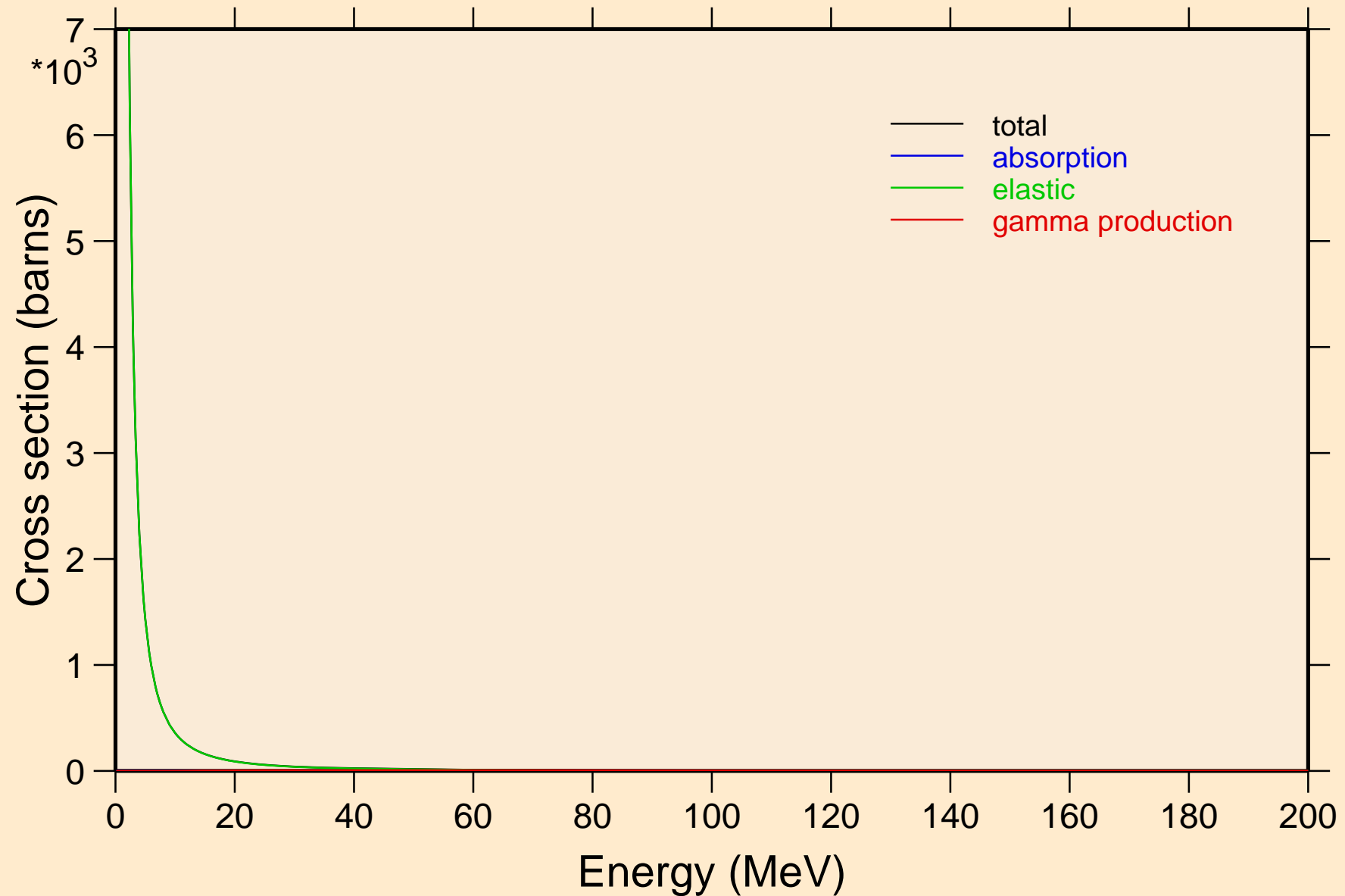
# OS193 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Heating



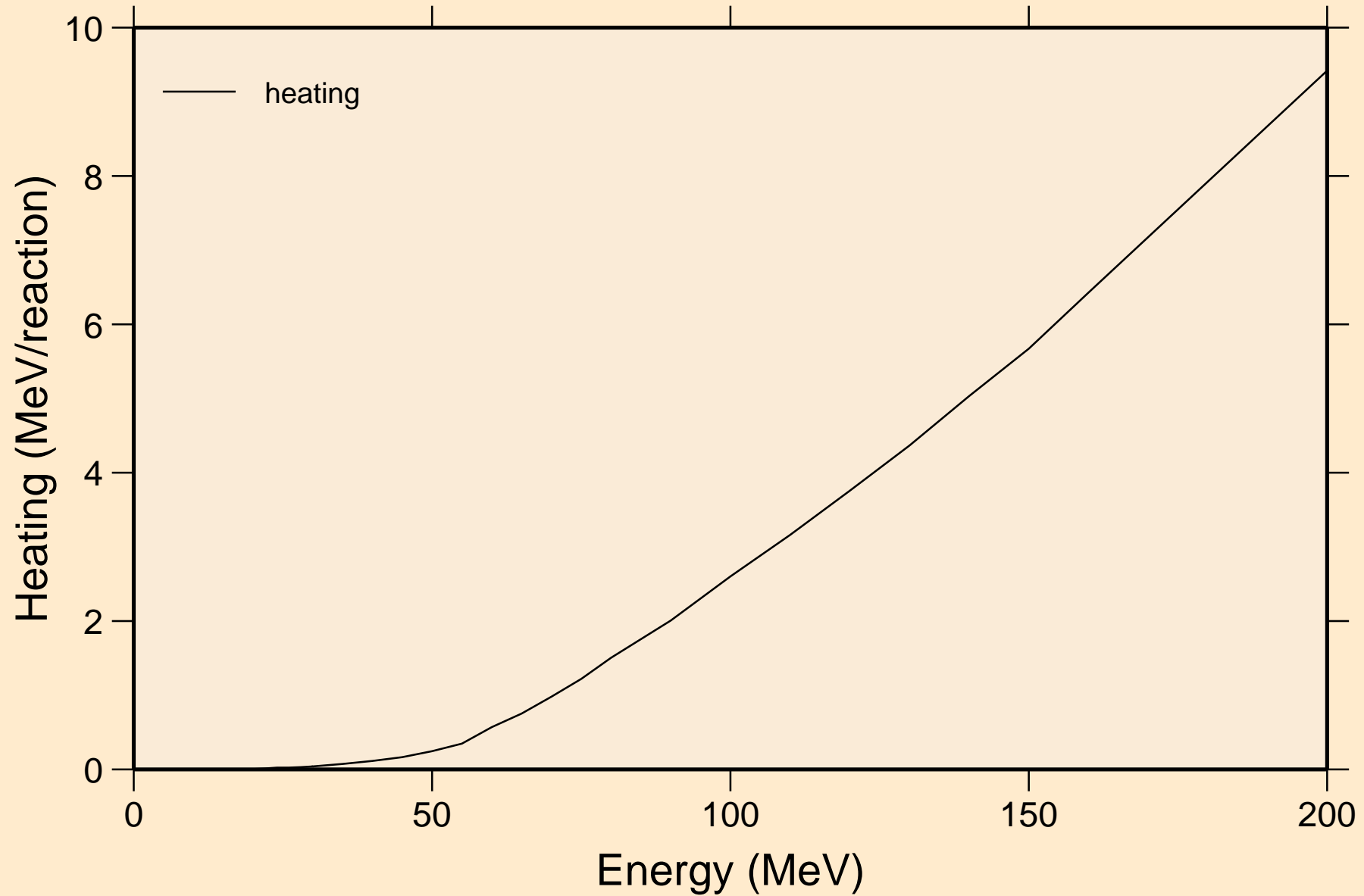
# OS193 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



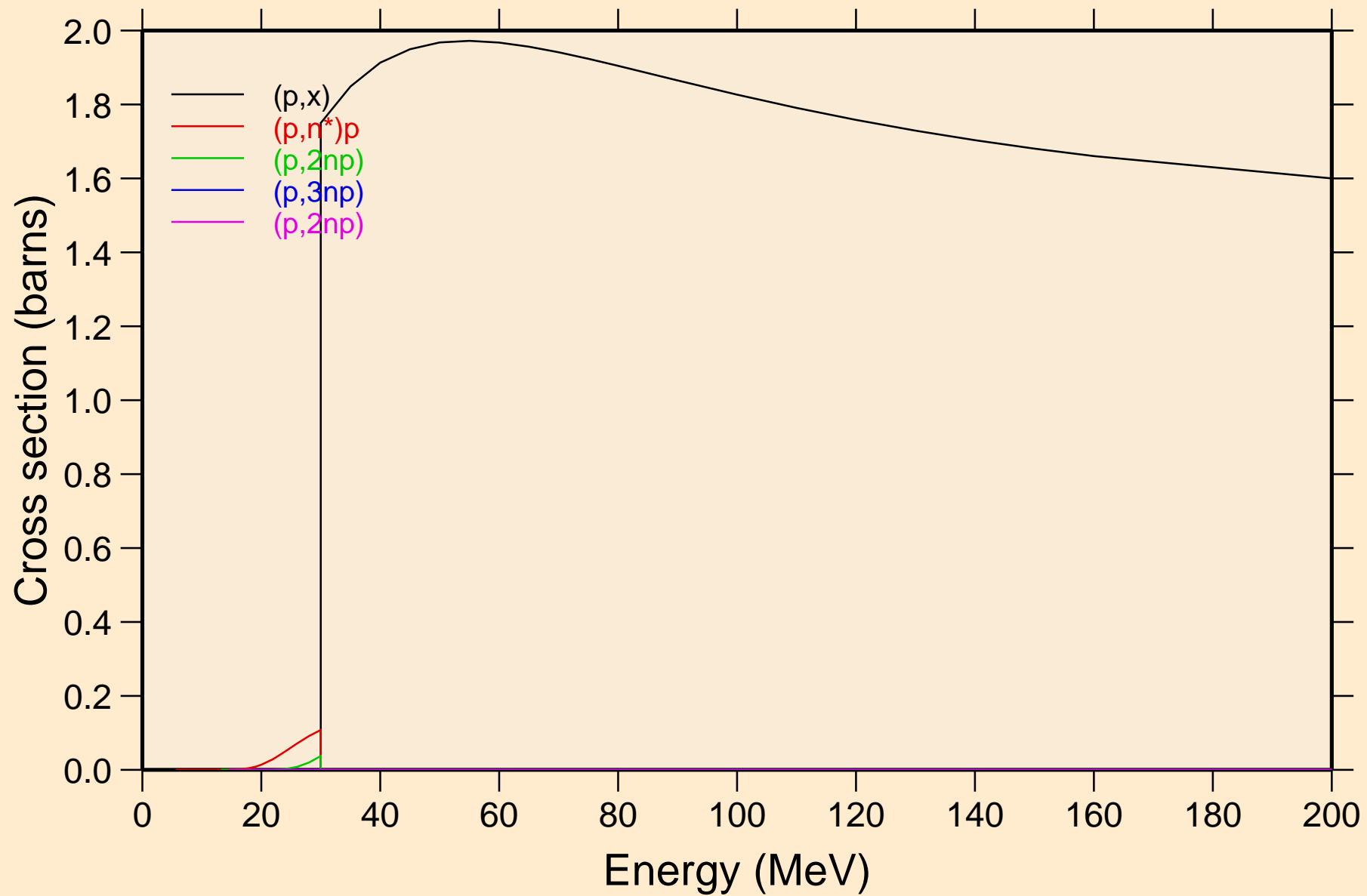
# OS193 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Heating



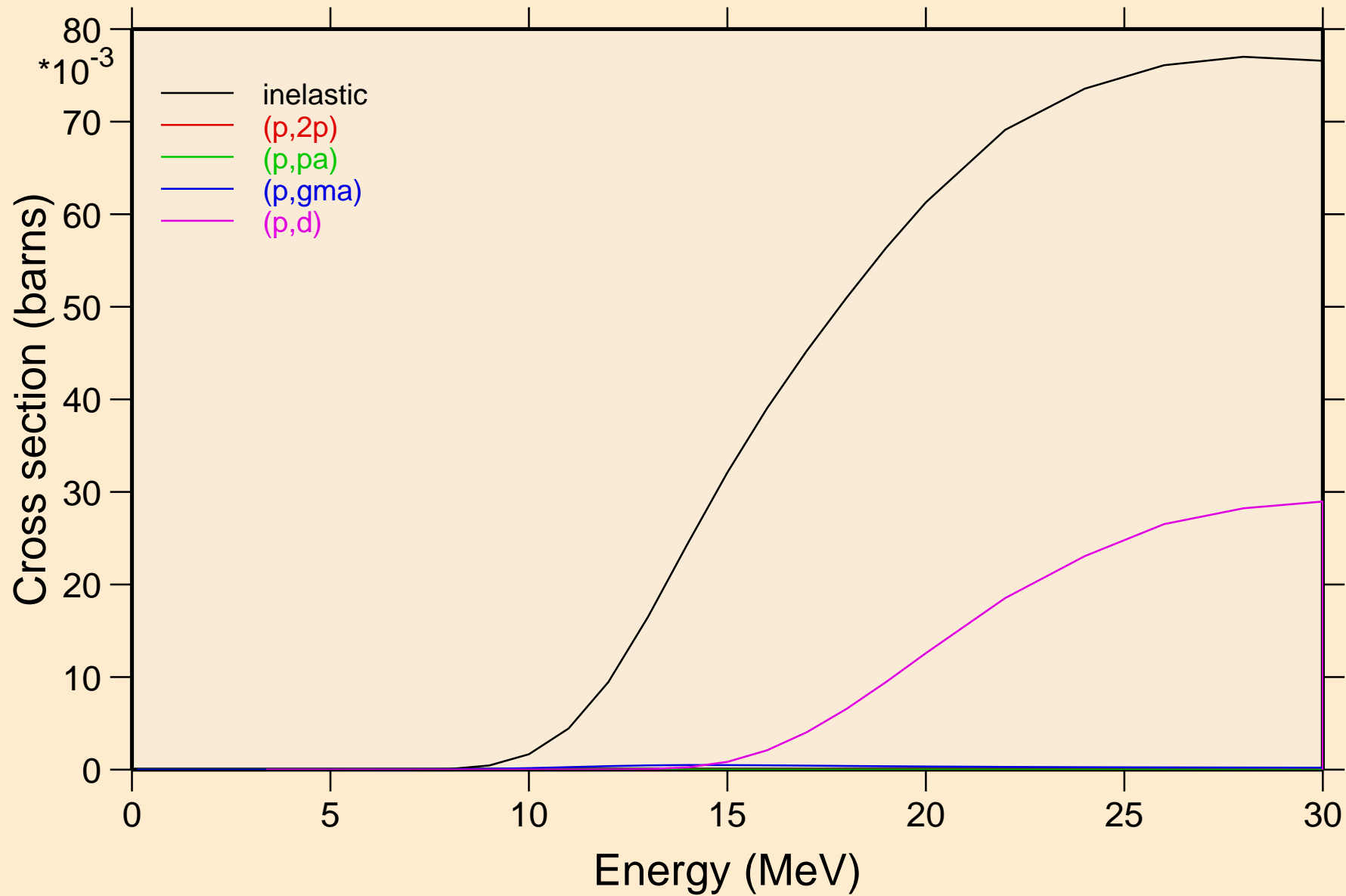
# OS193 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions

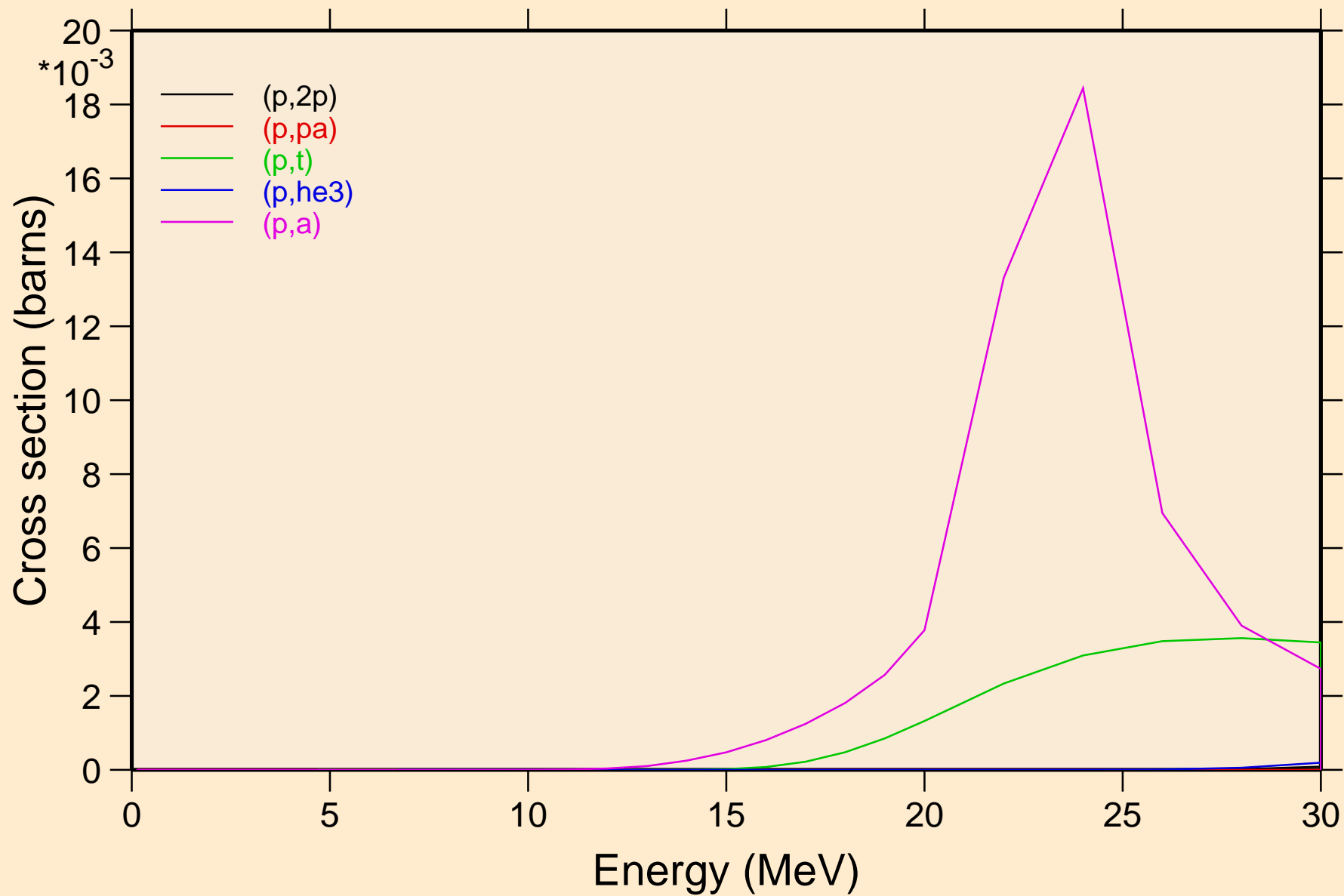


# OS193 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions

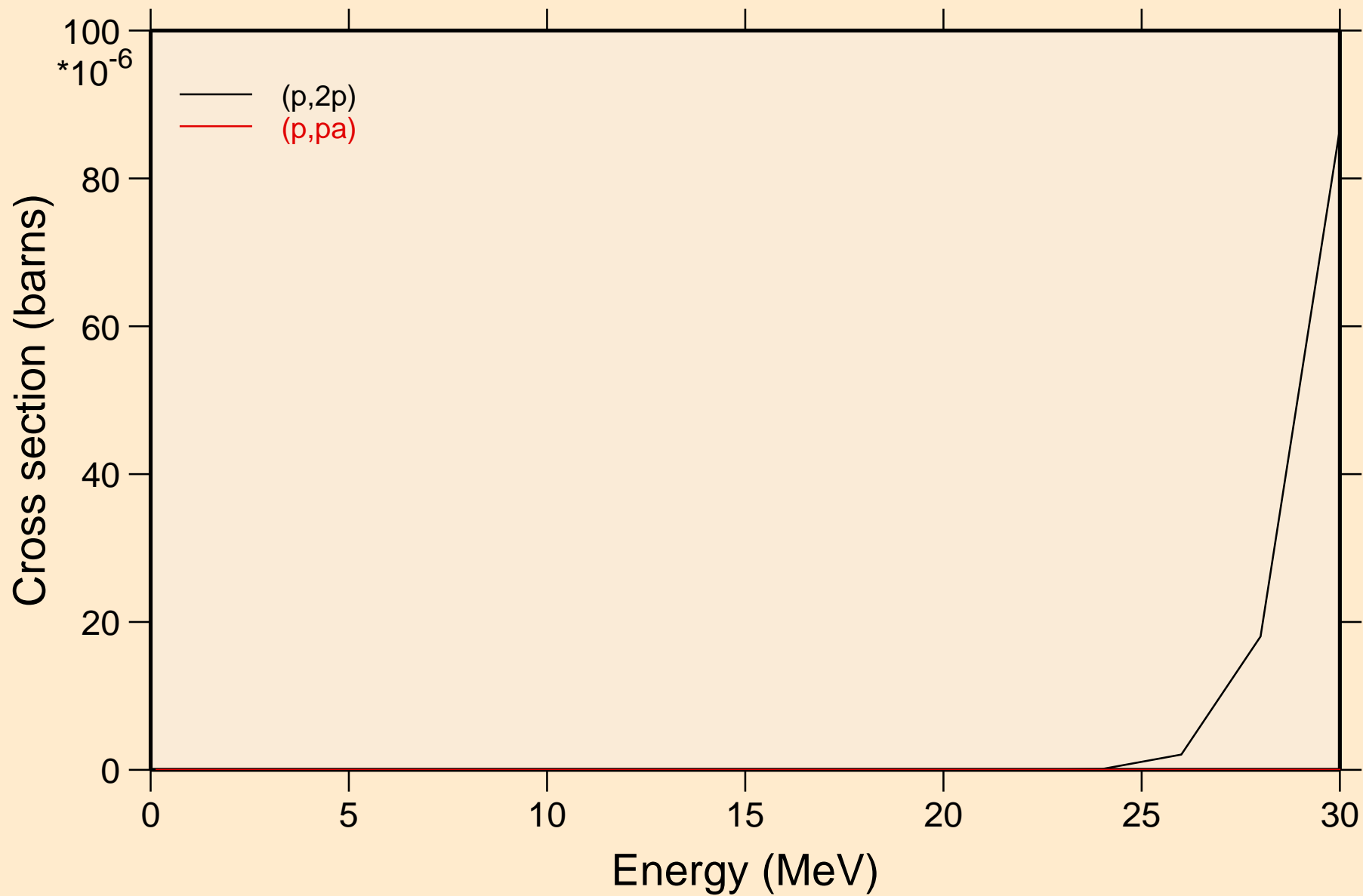


OS193 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



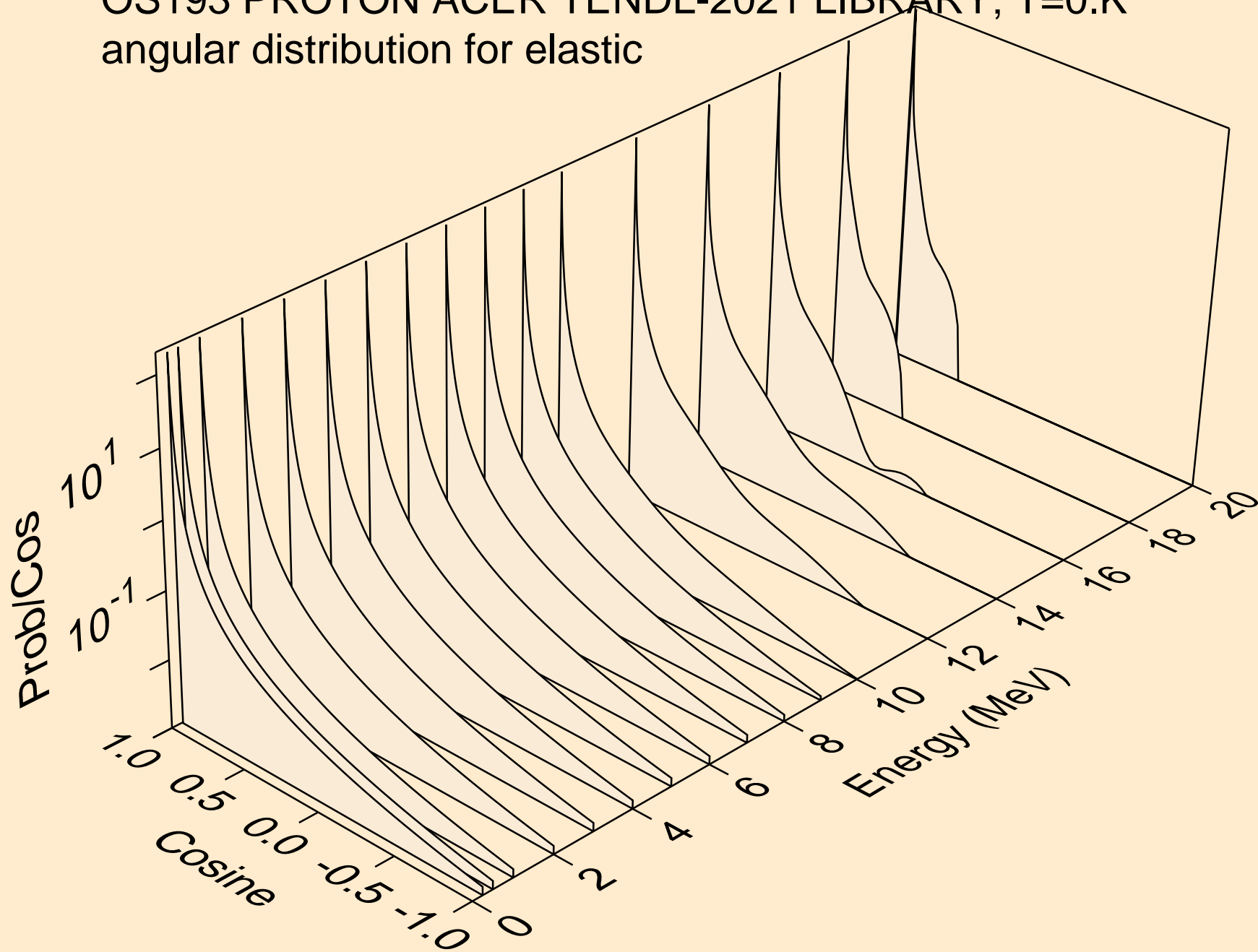
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## Threshold reactions

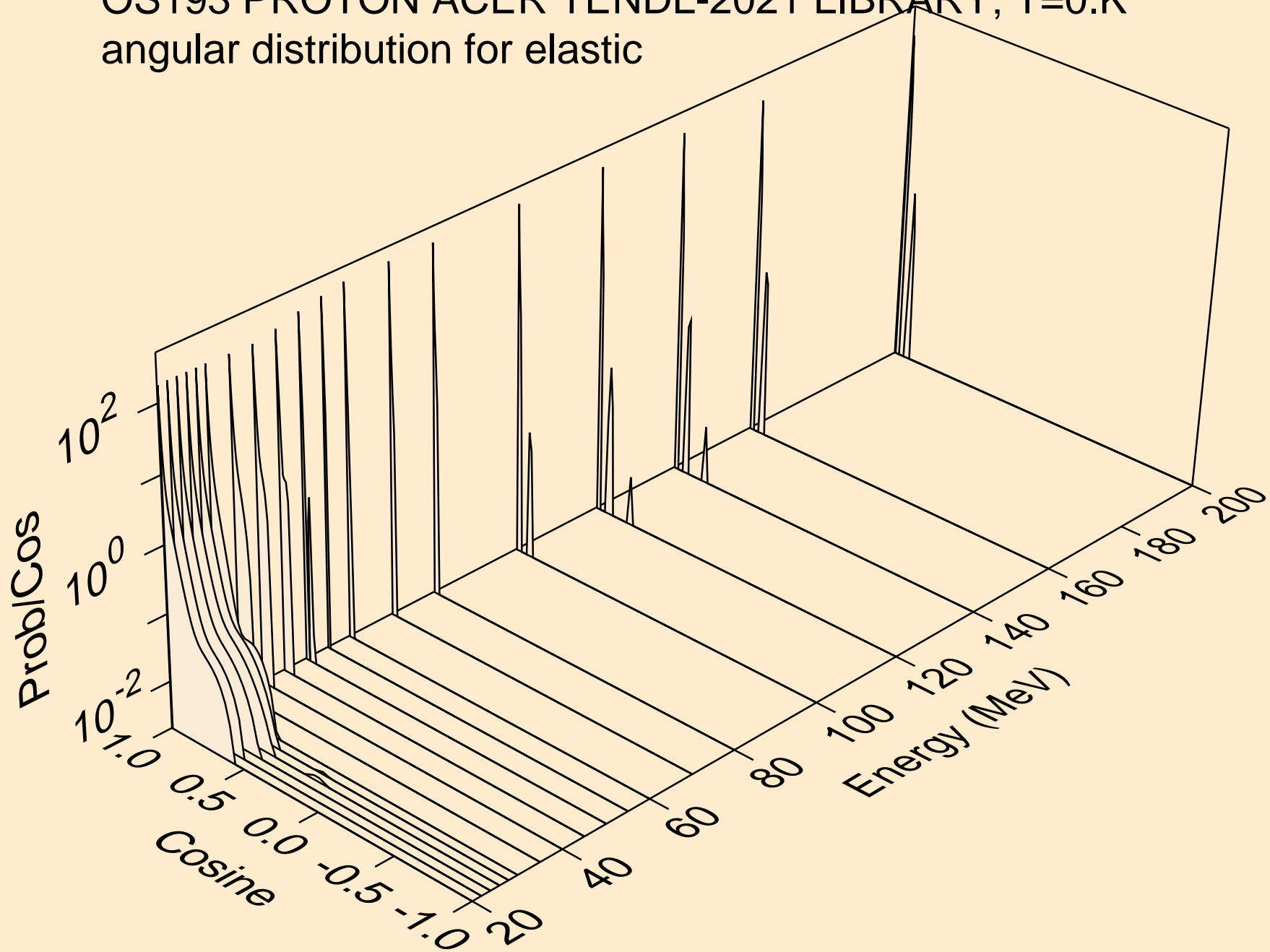




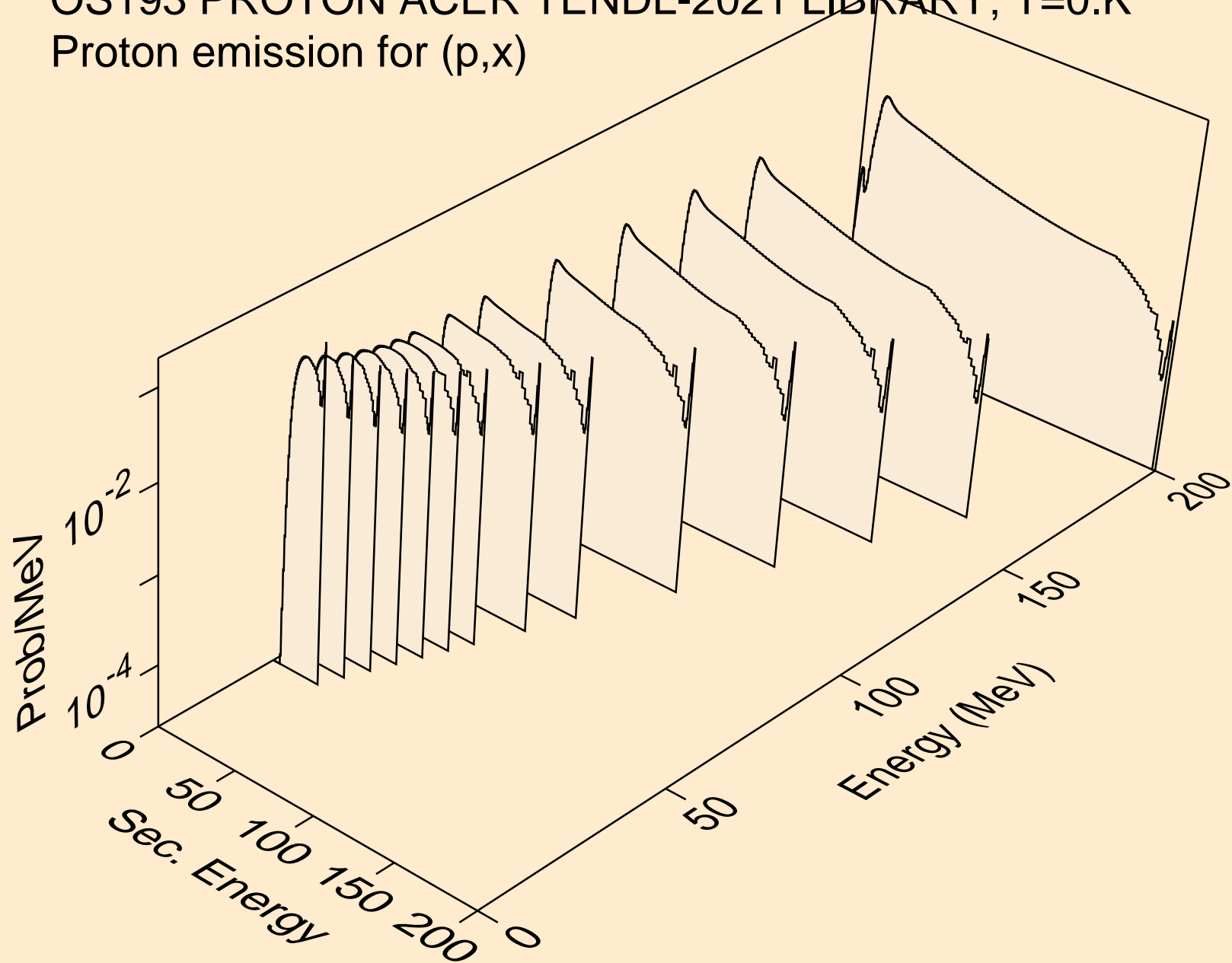
OS193 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



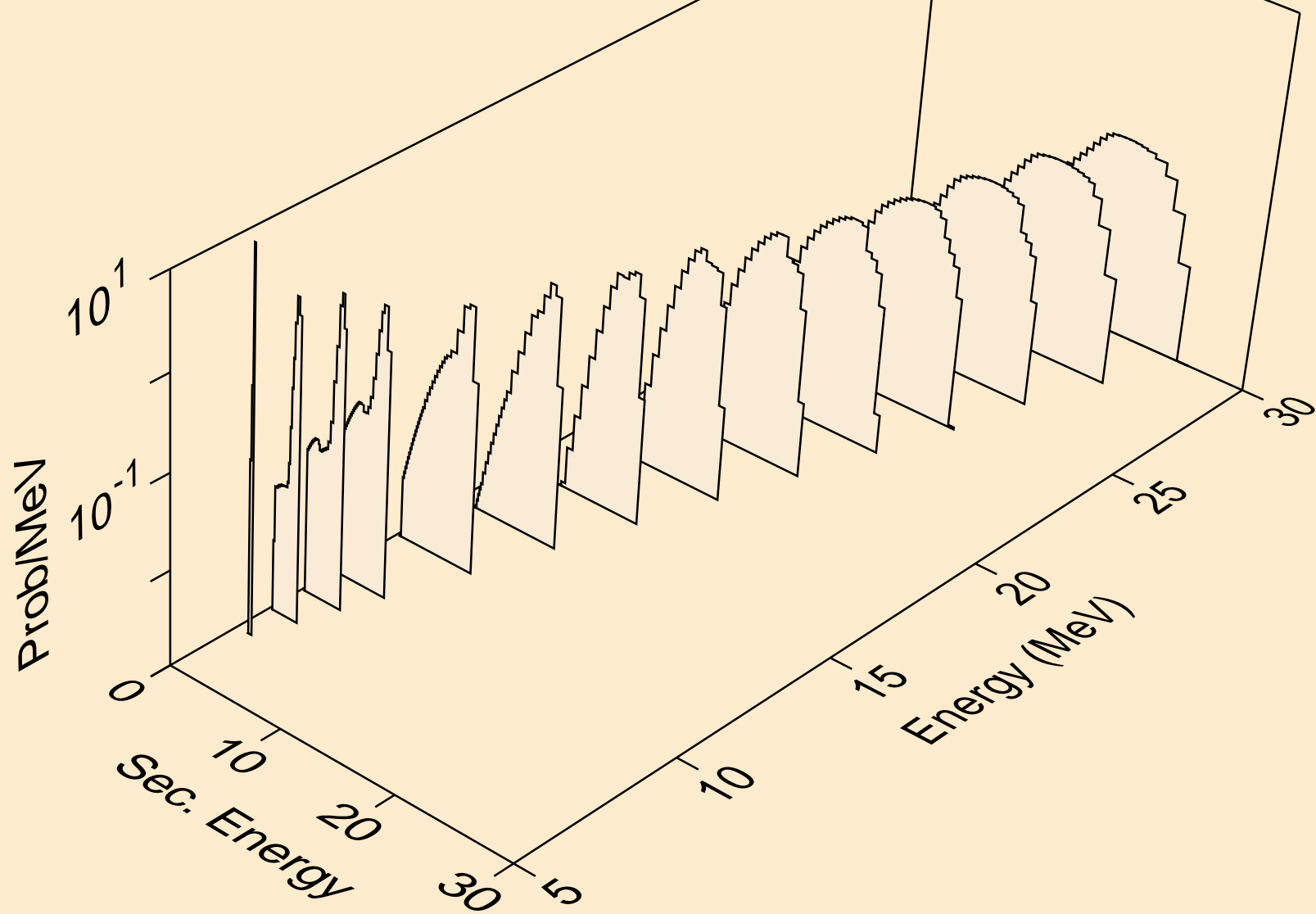
OS193 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



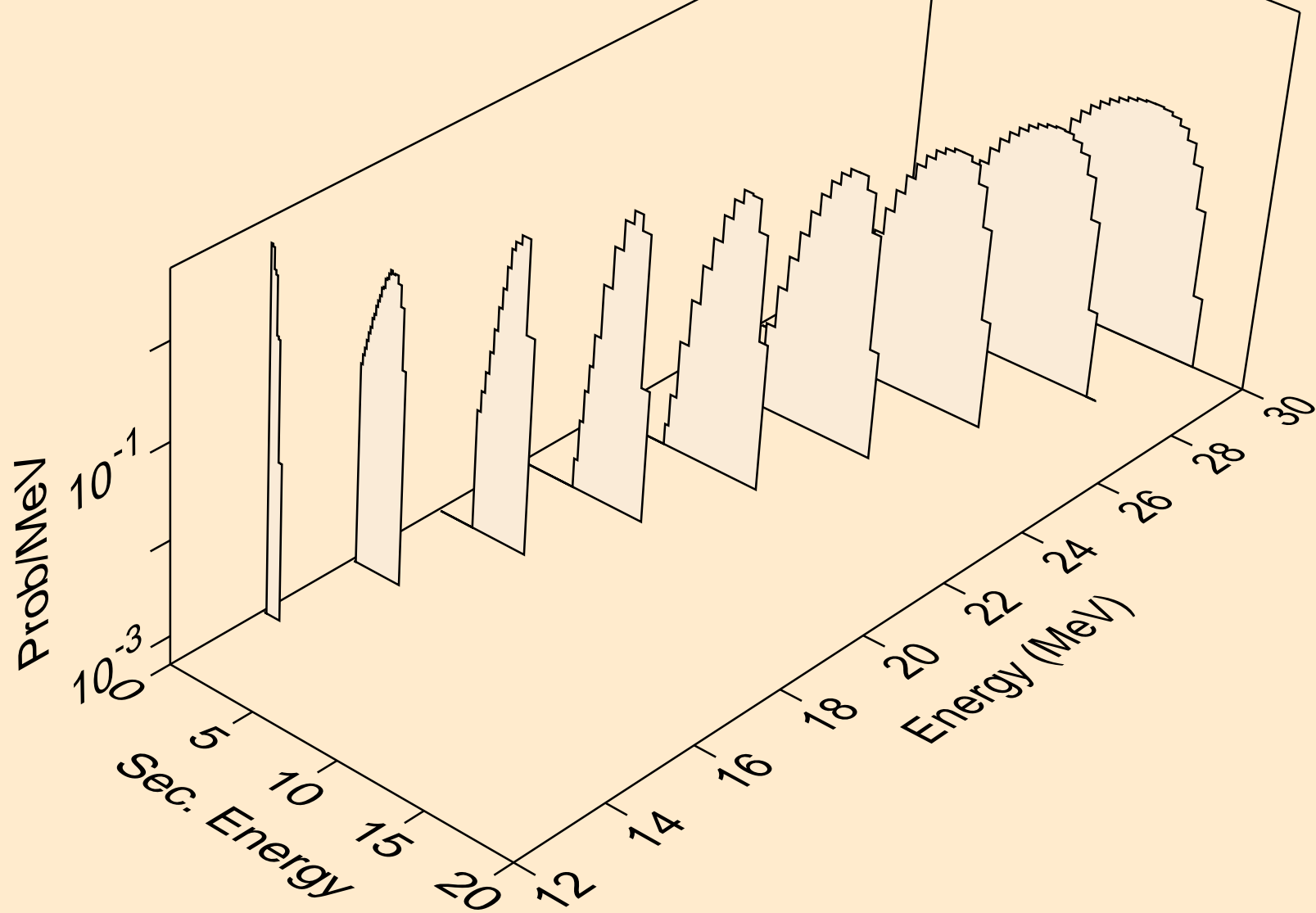
OS193 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,x)



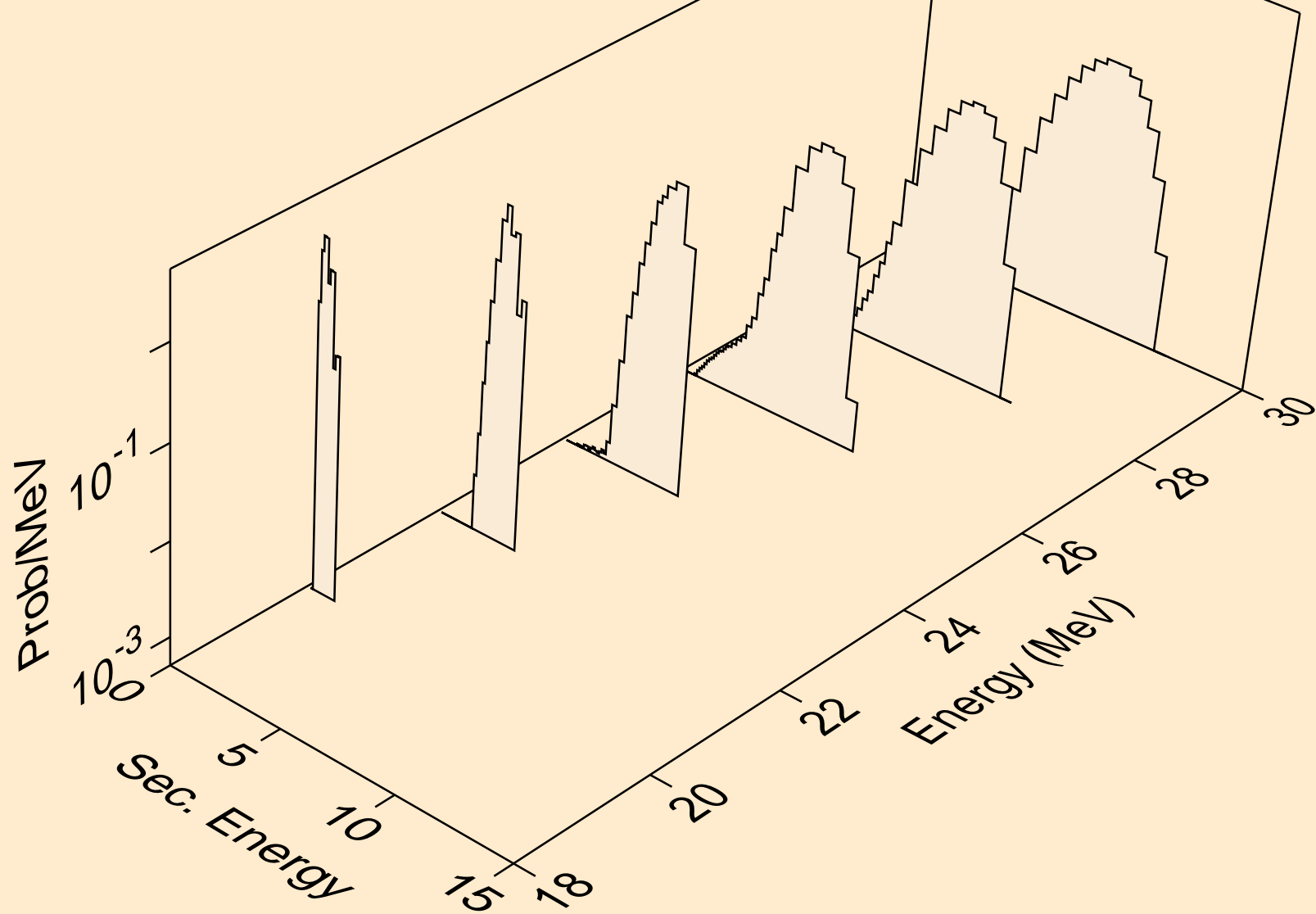
OS193 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



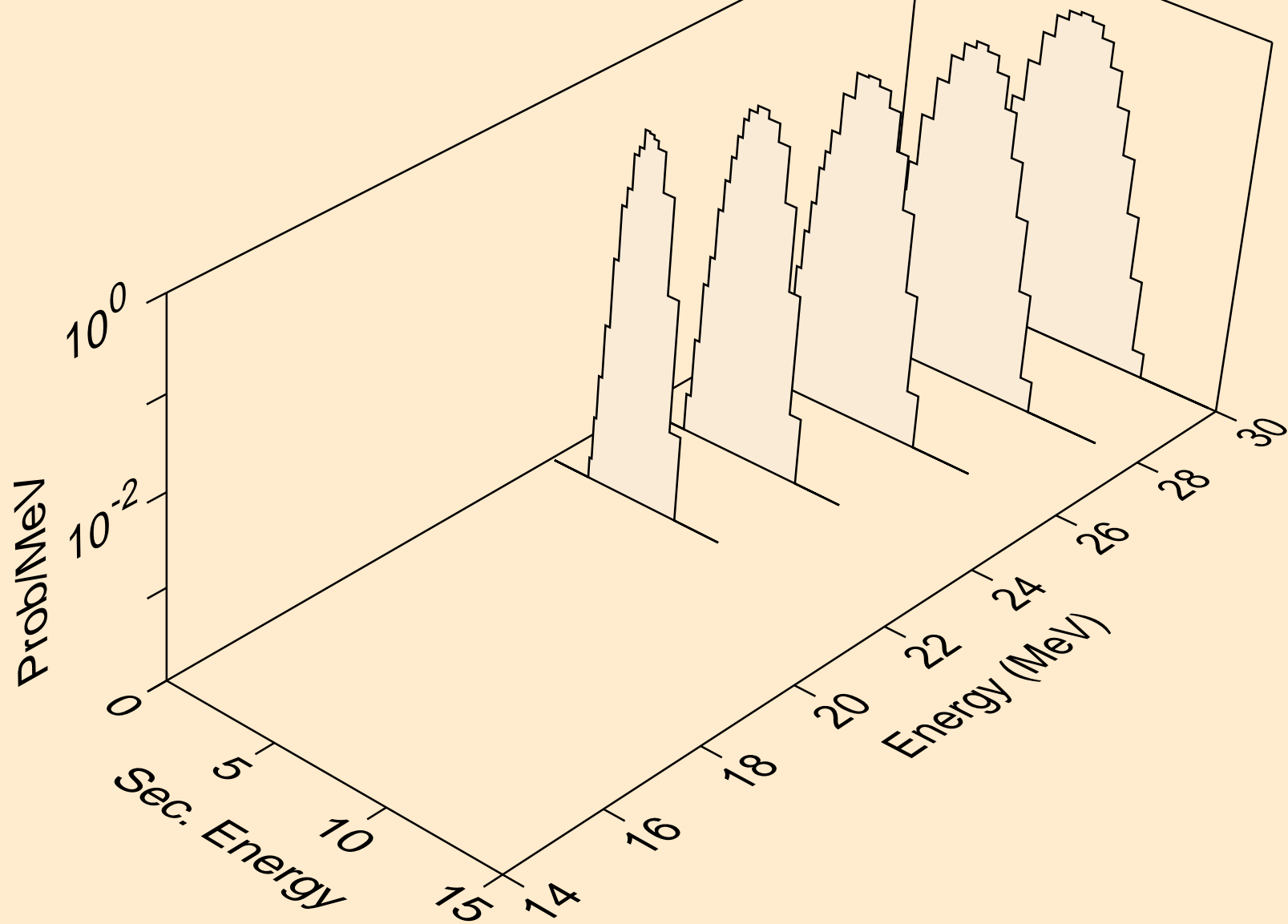
OS193 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)



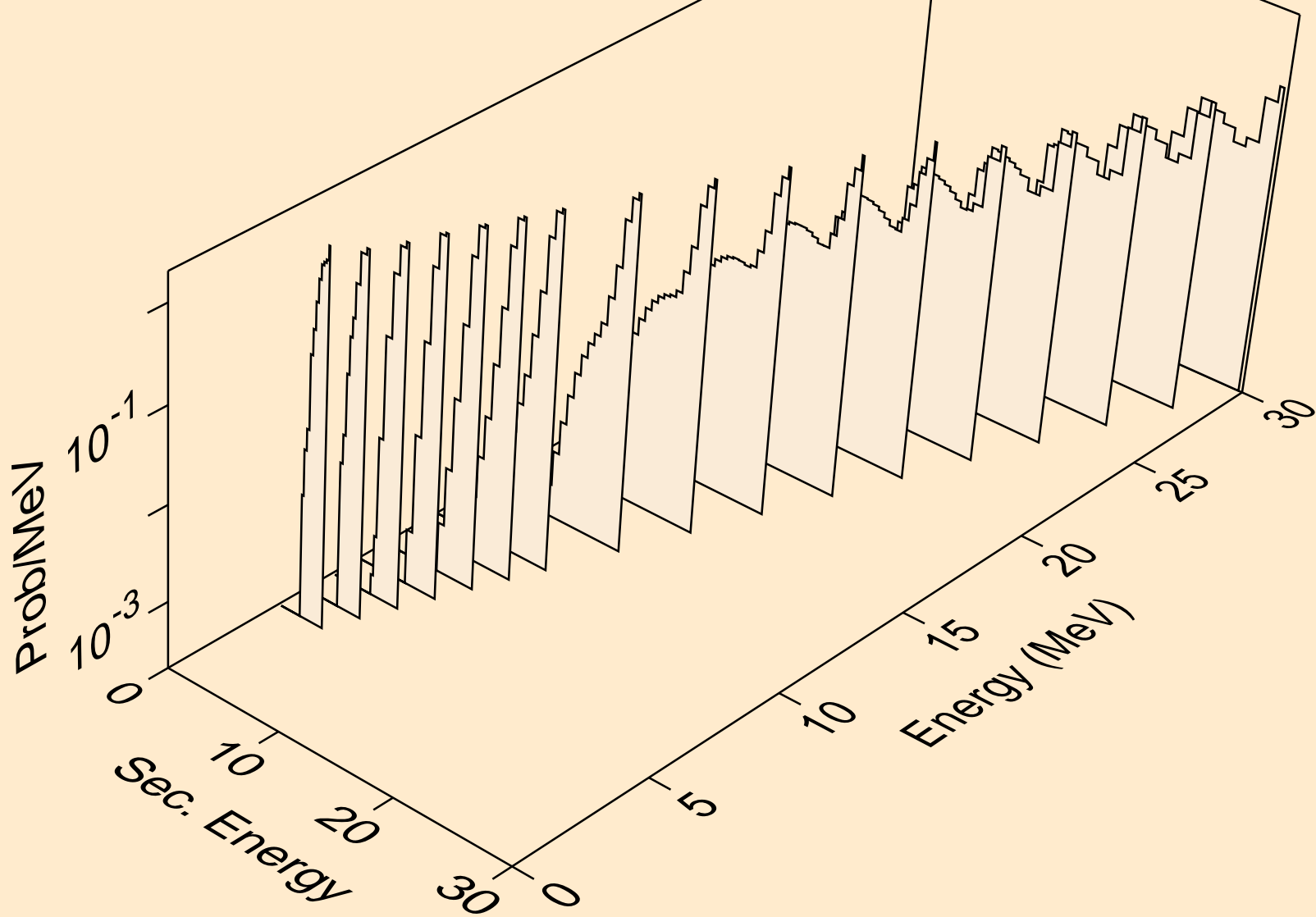
OS193 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,3np)



OS193 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)

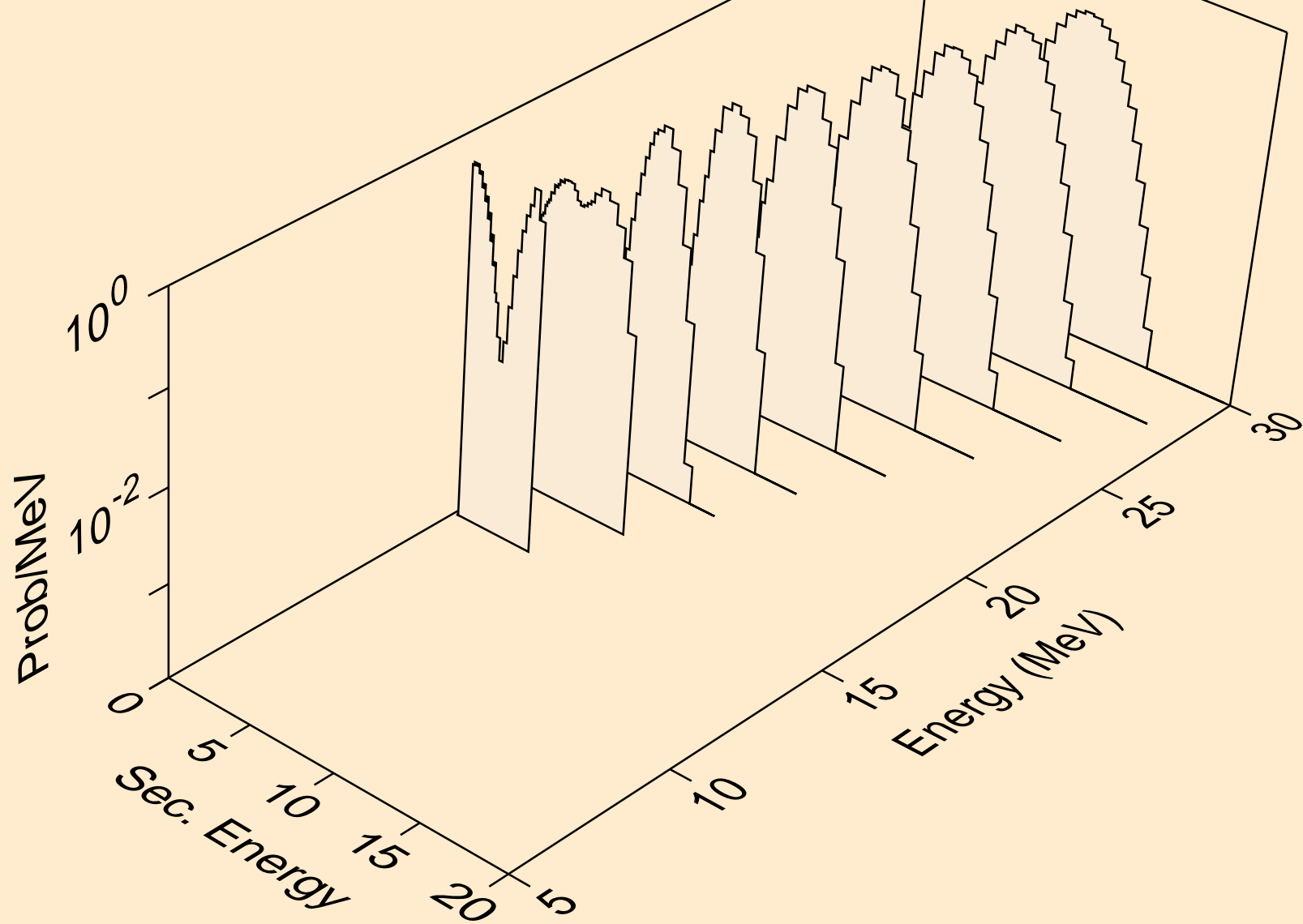


OS193 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for inelastic

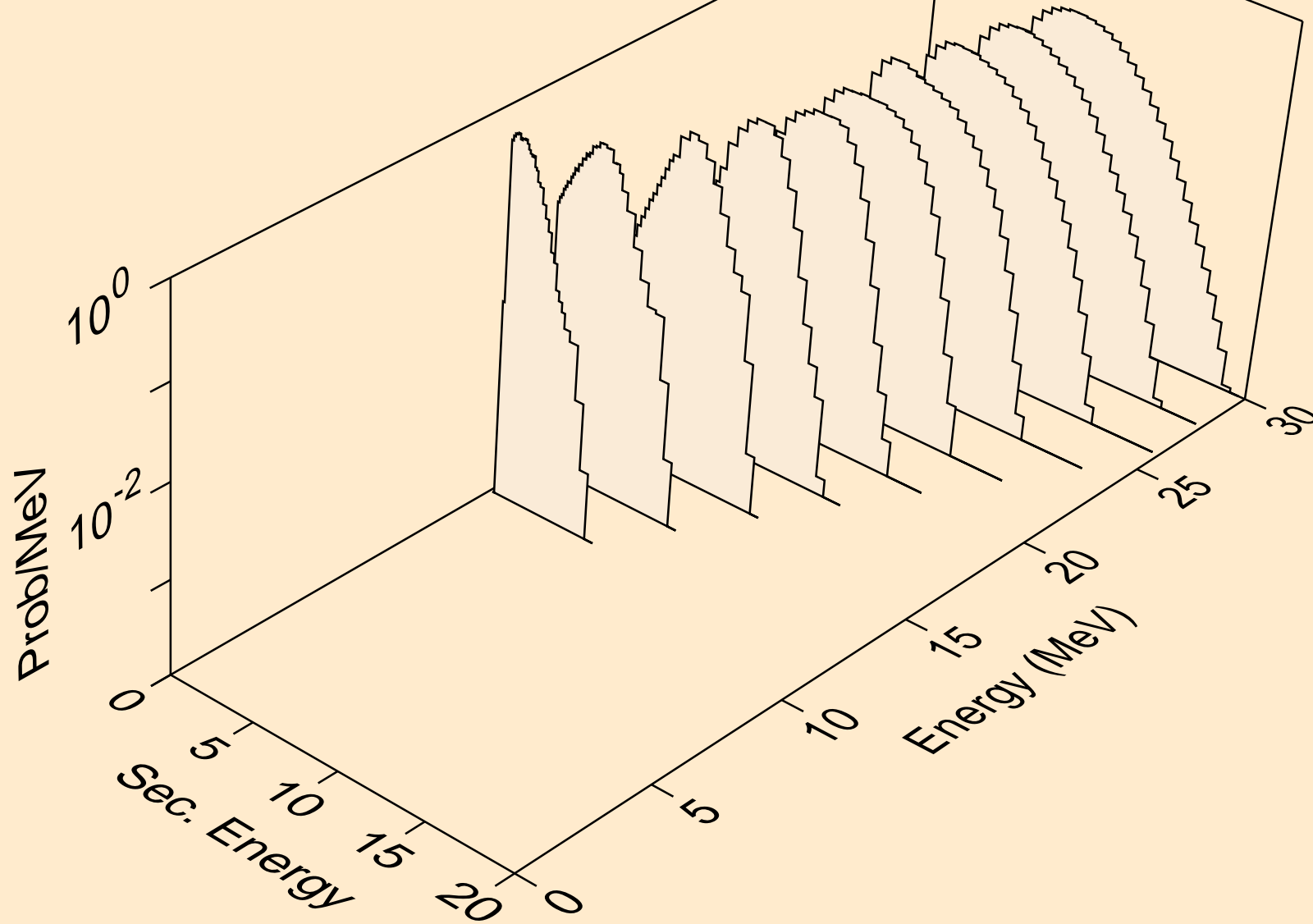




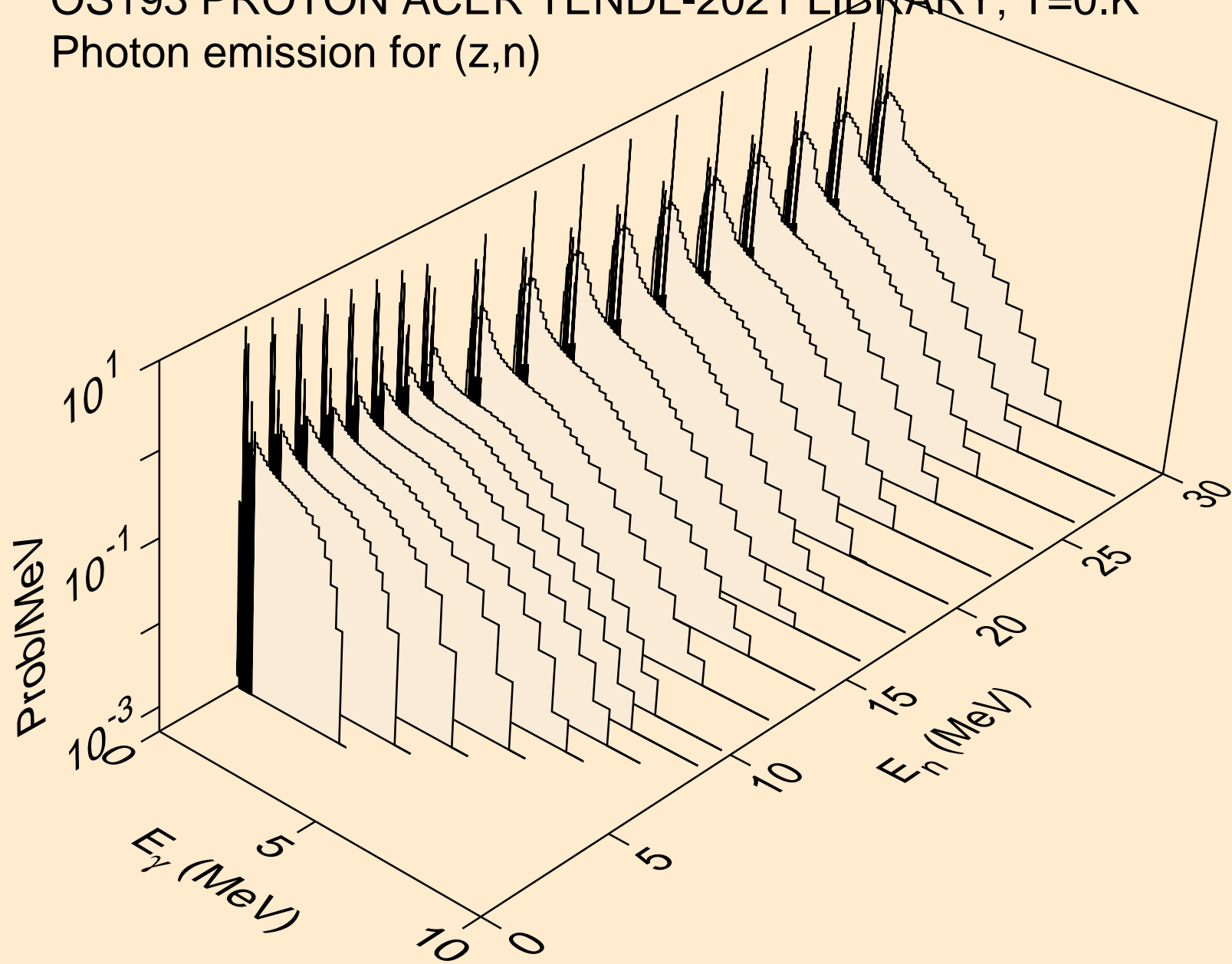
OS193 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2p)



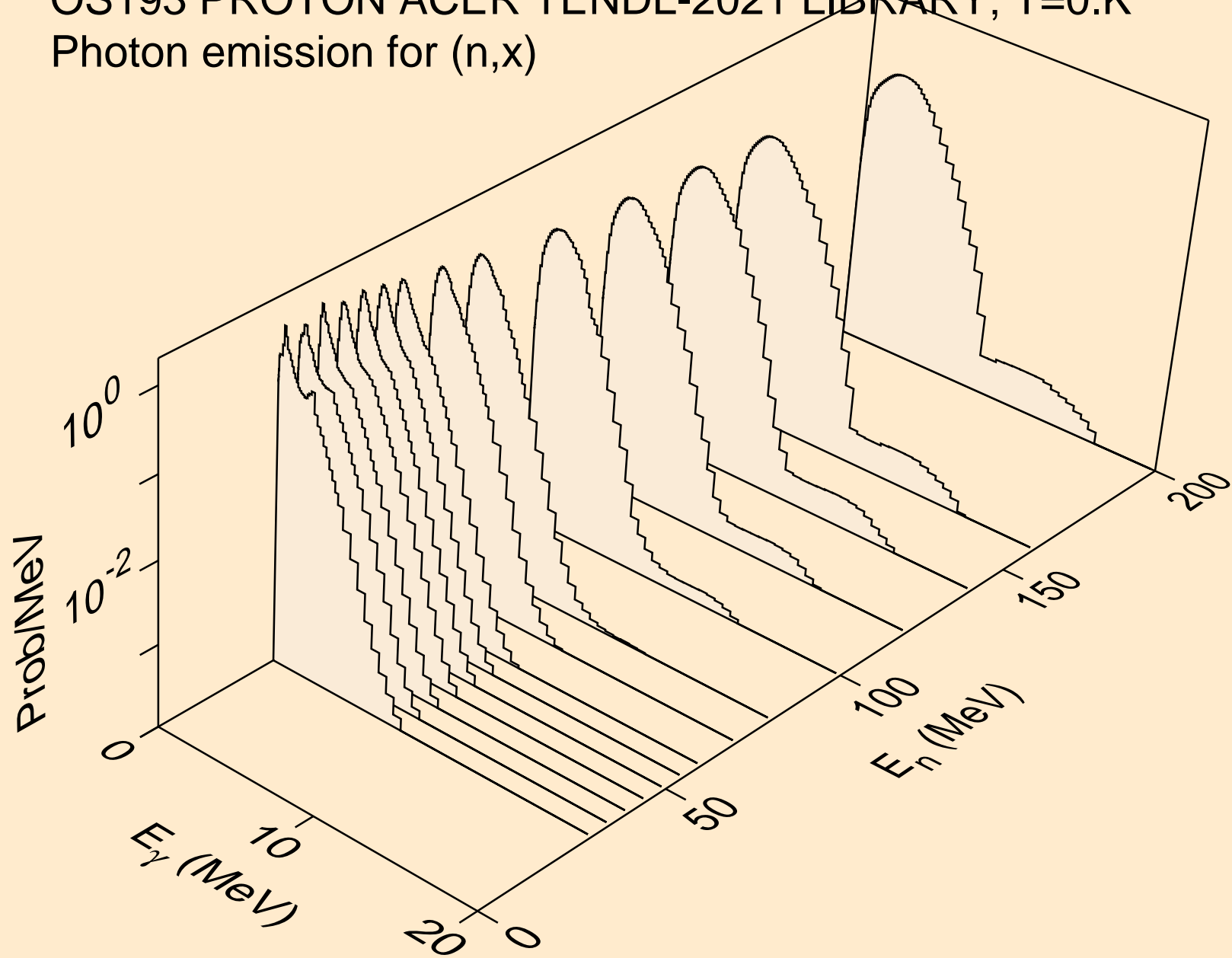
OS193 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,pa)



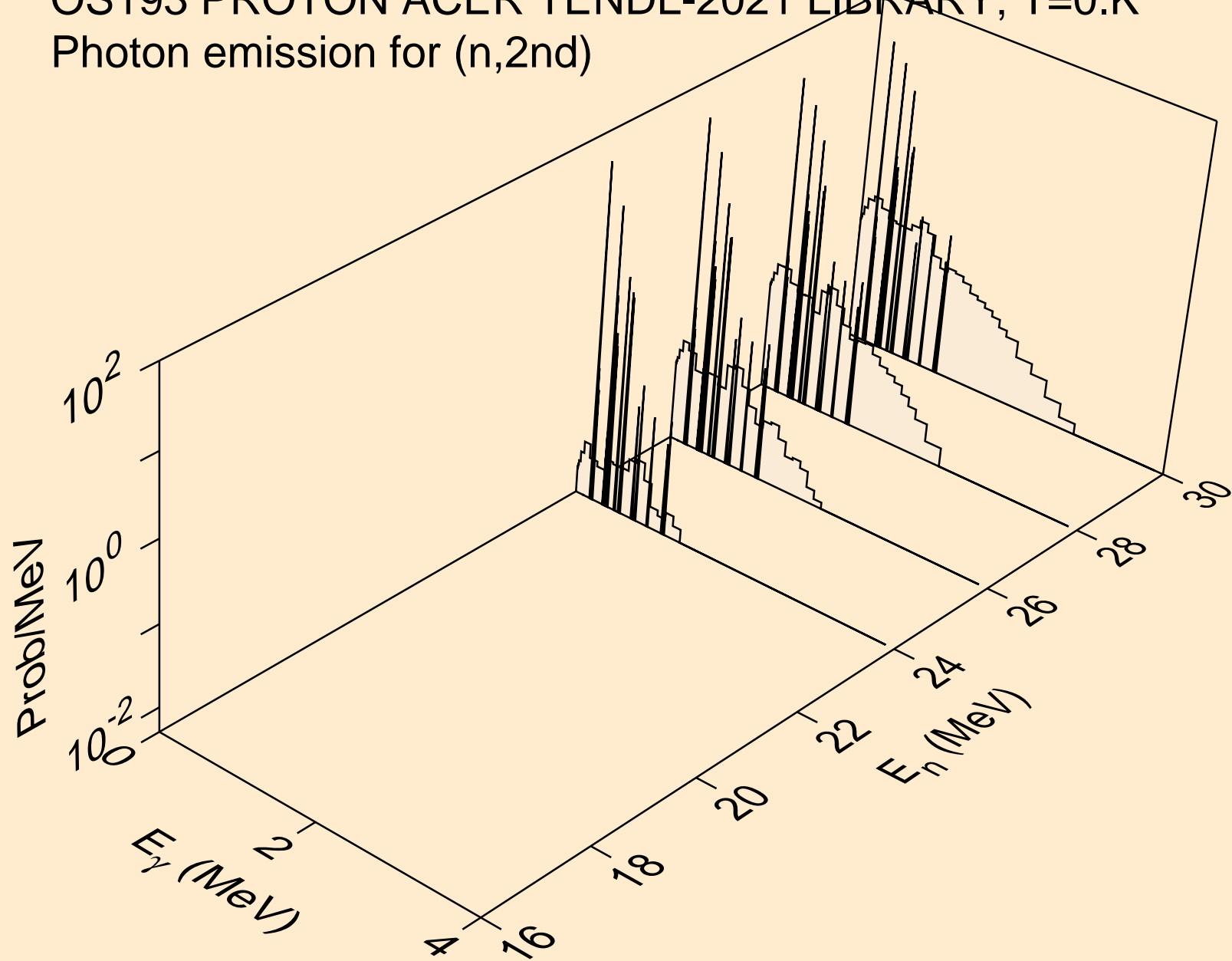
OS193 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



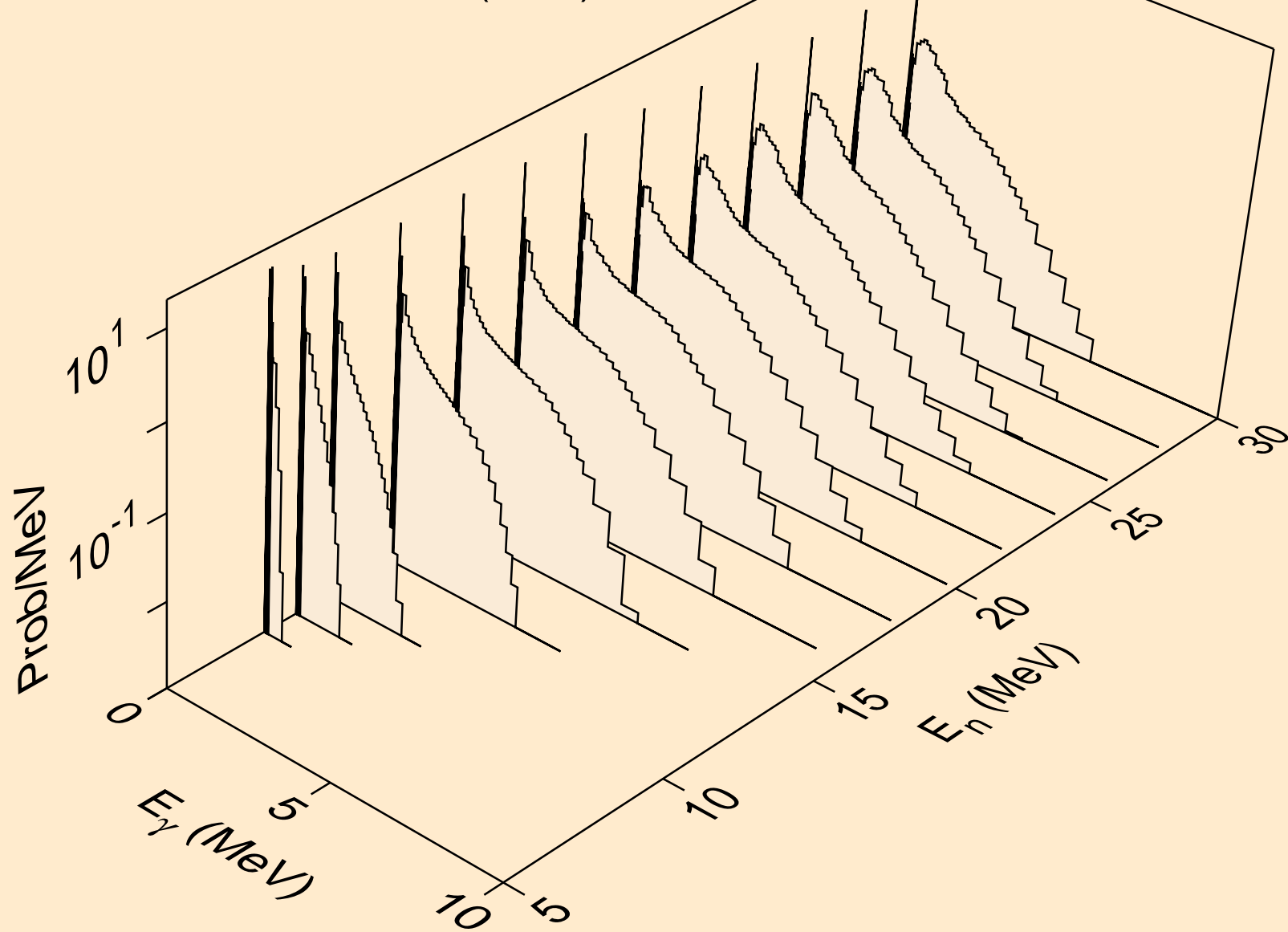
OS193 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



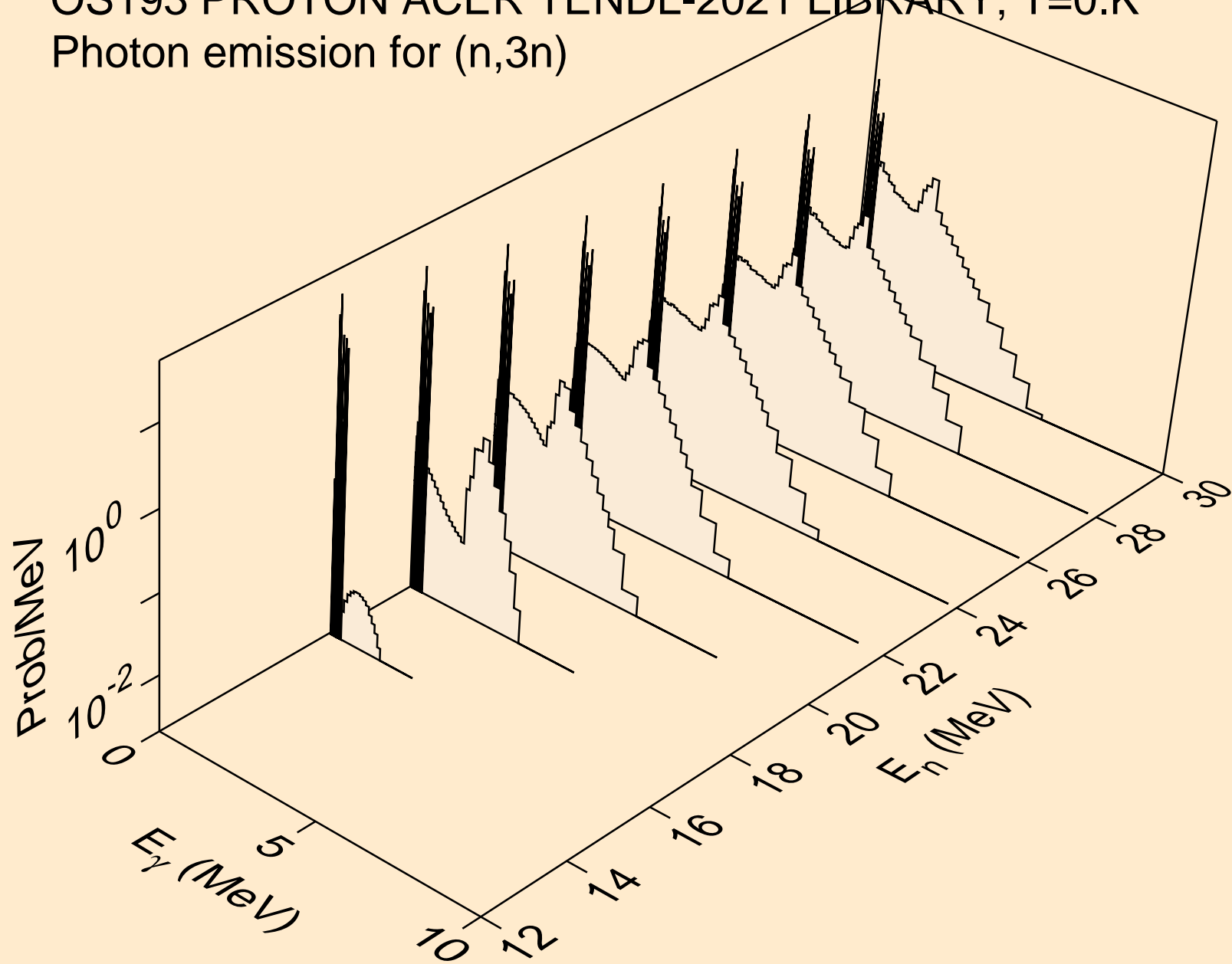
OS193 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)



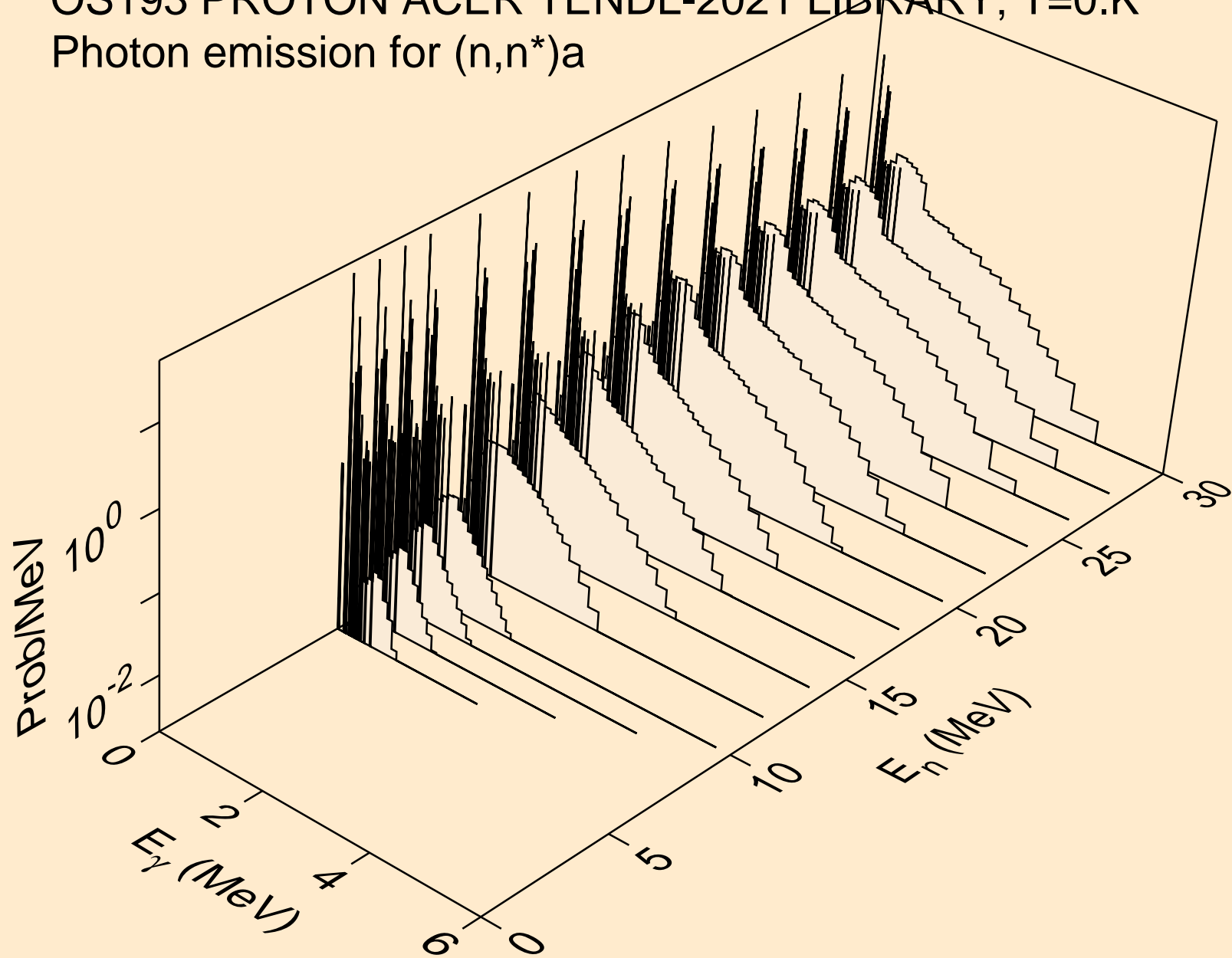
OS193 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



OS193 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)

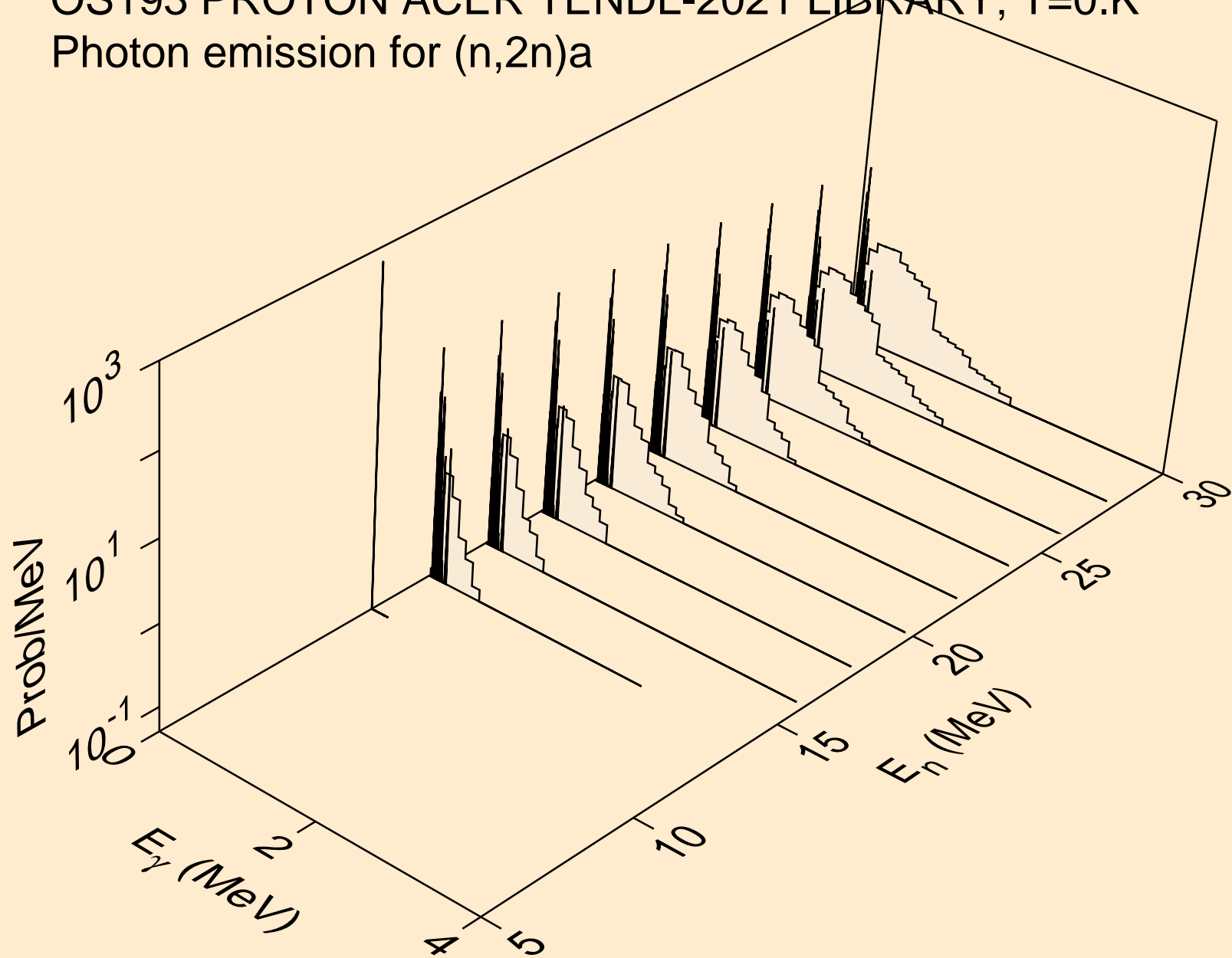


OS193 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

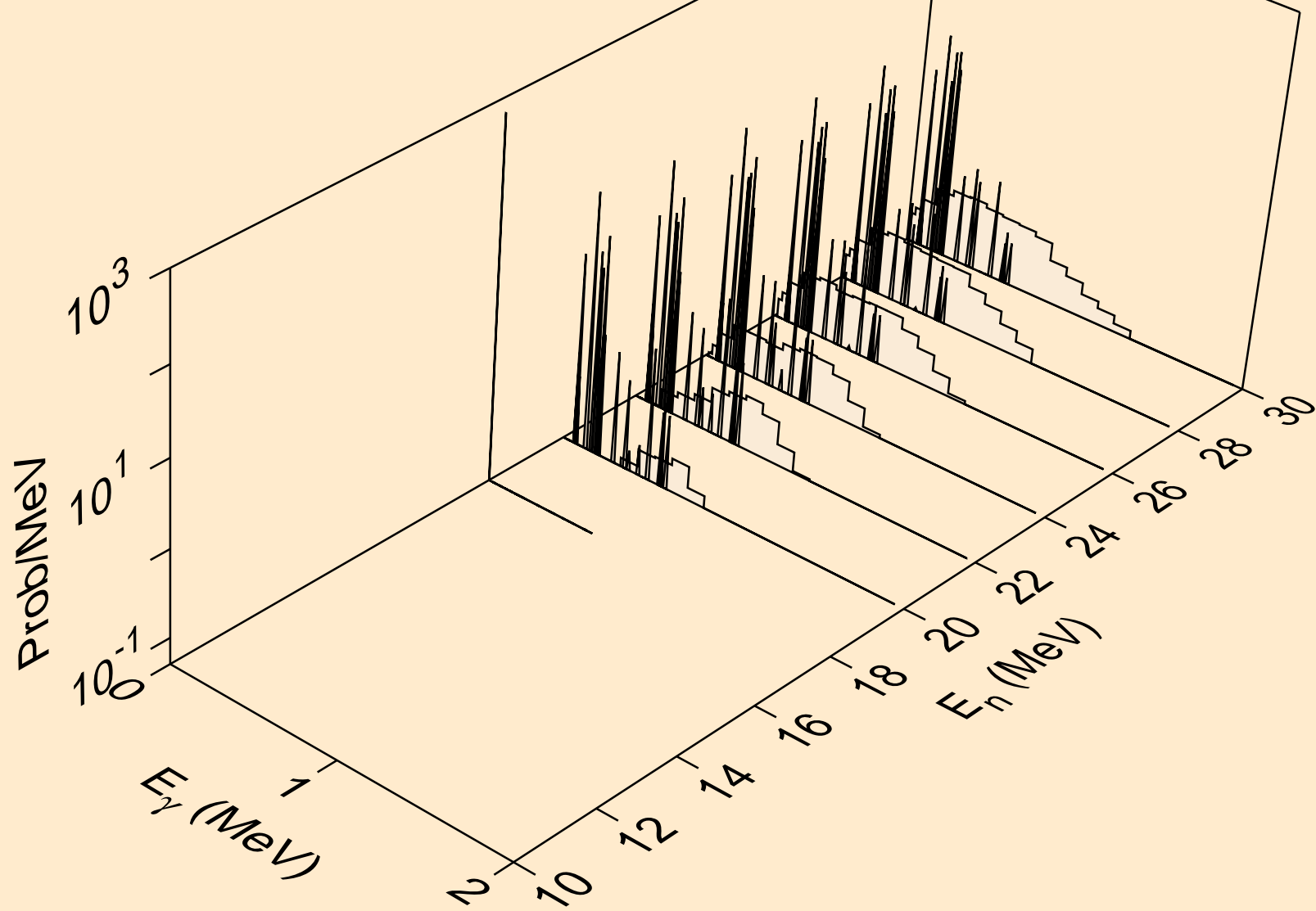




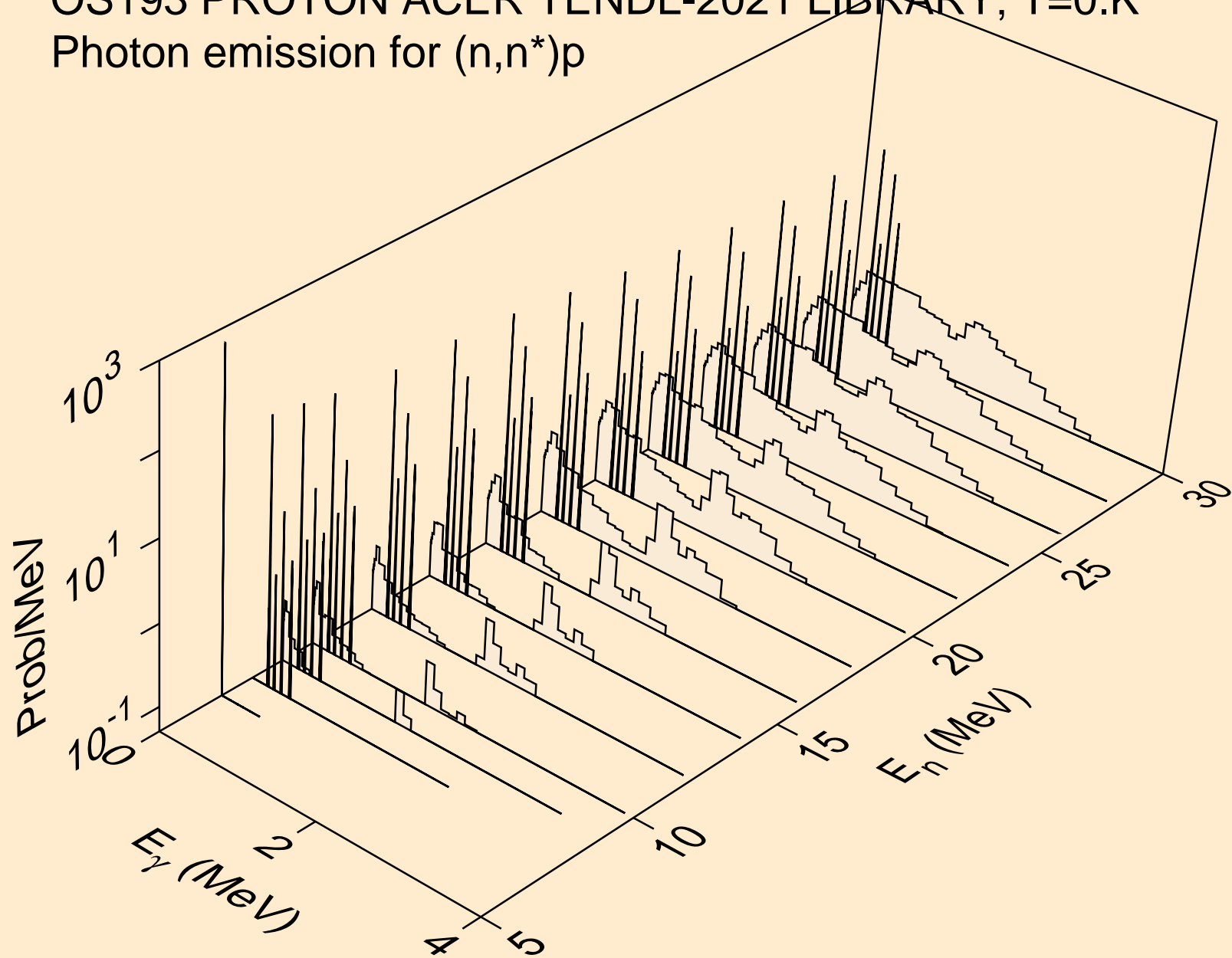
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Photon emission for (n,2n)a



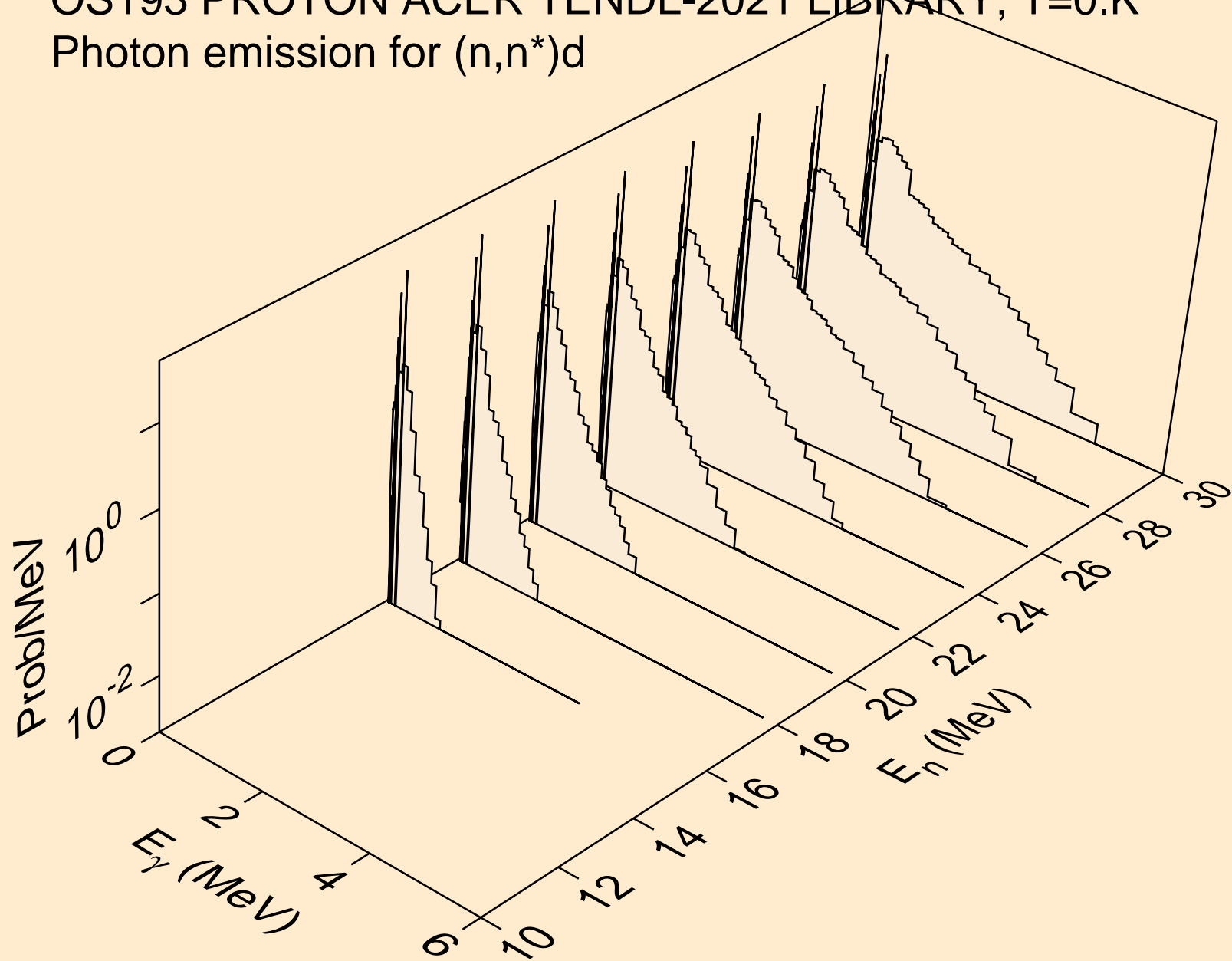
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Photon emission for (n,3n)a



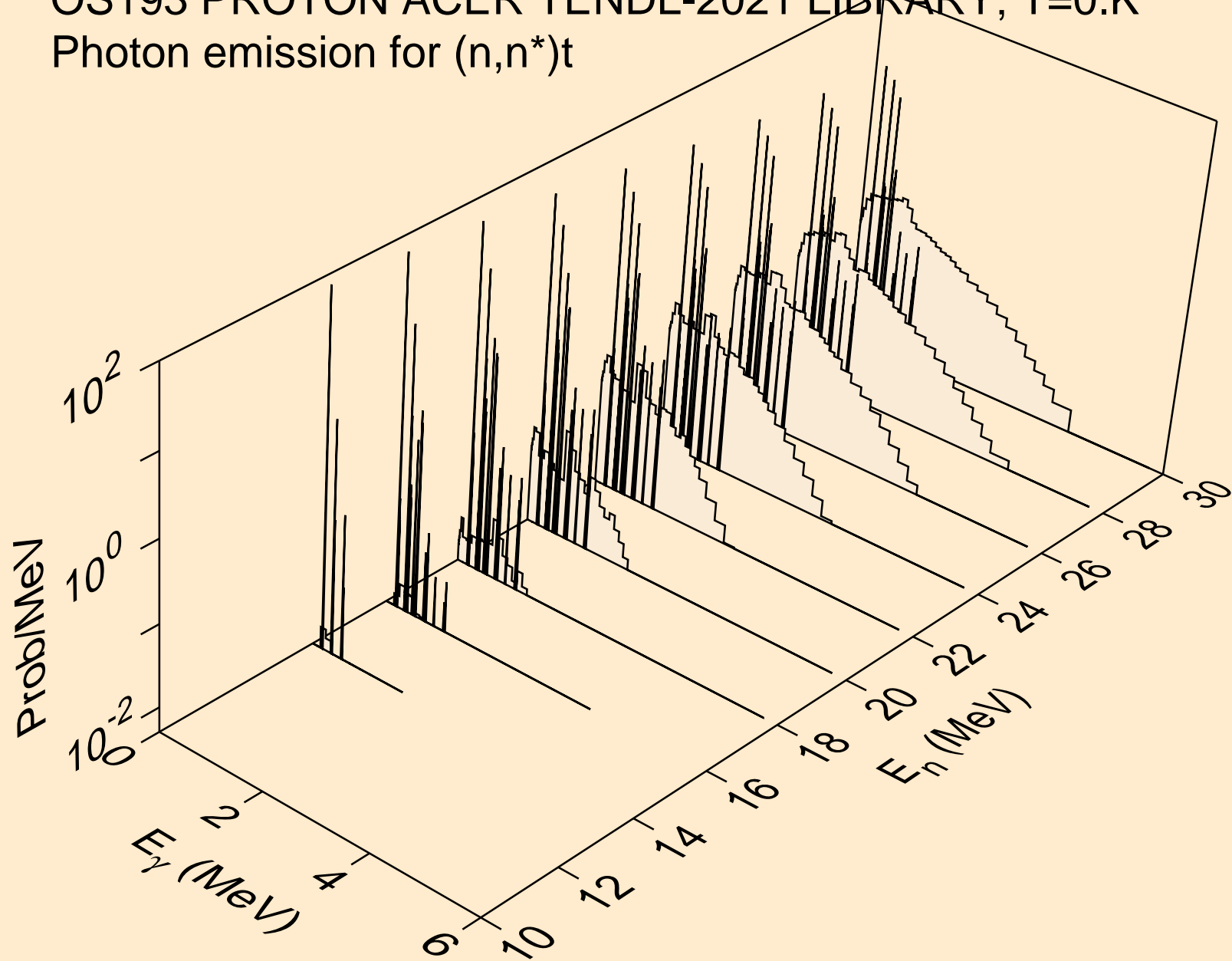
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Photon emission for (n,n\*)p



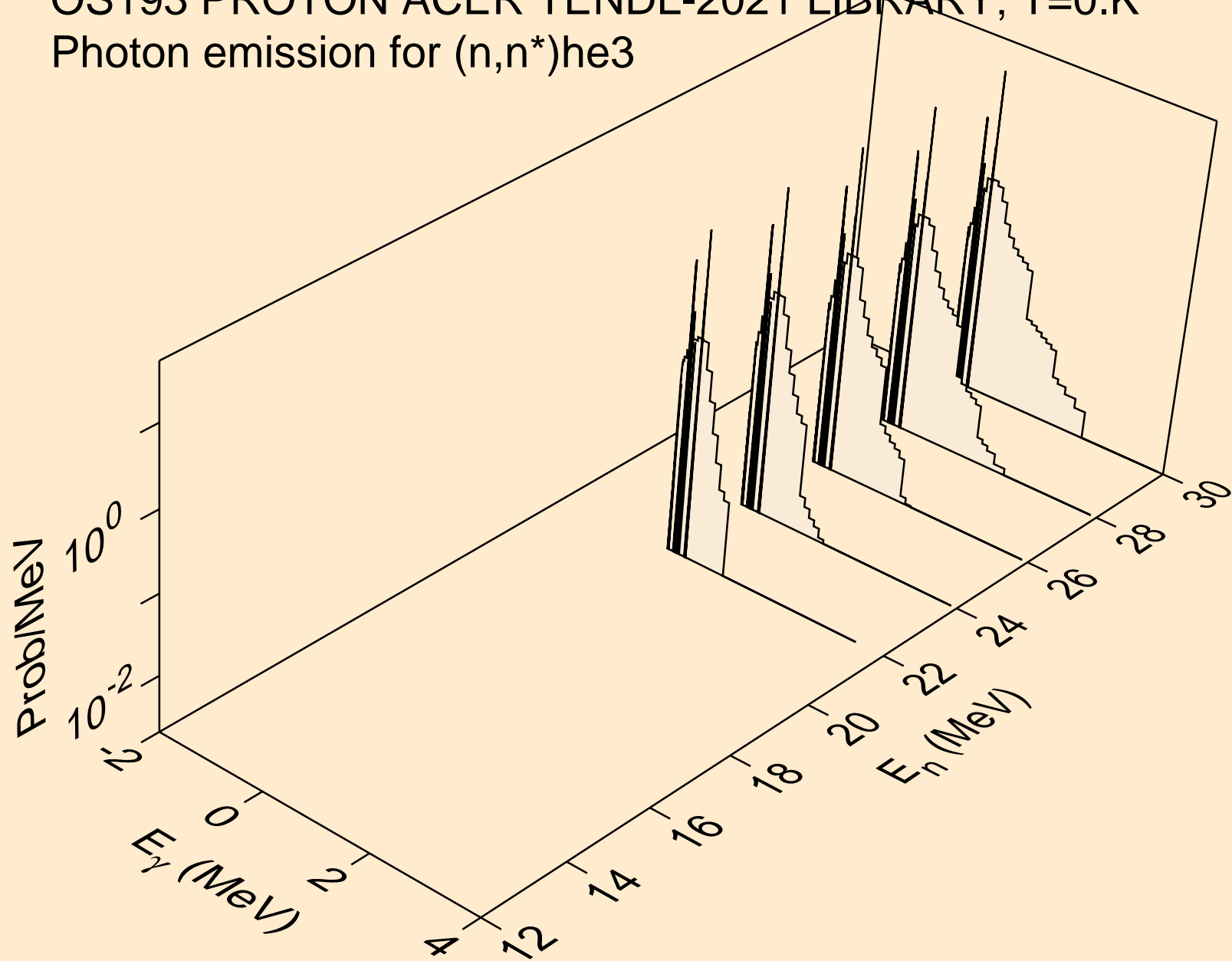
OS193 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



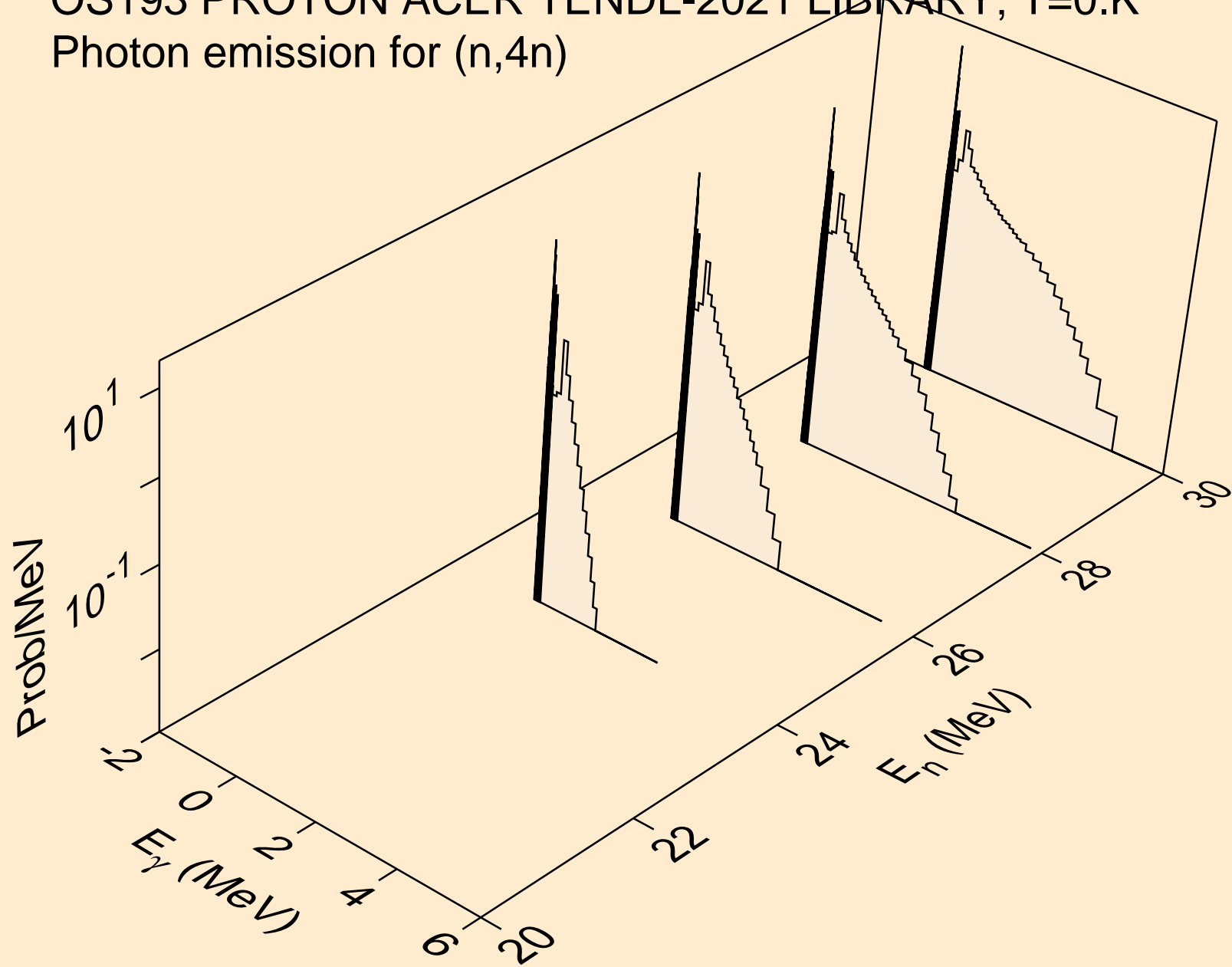
OS193 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



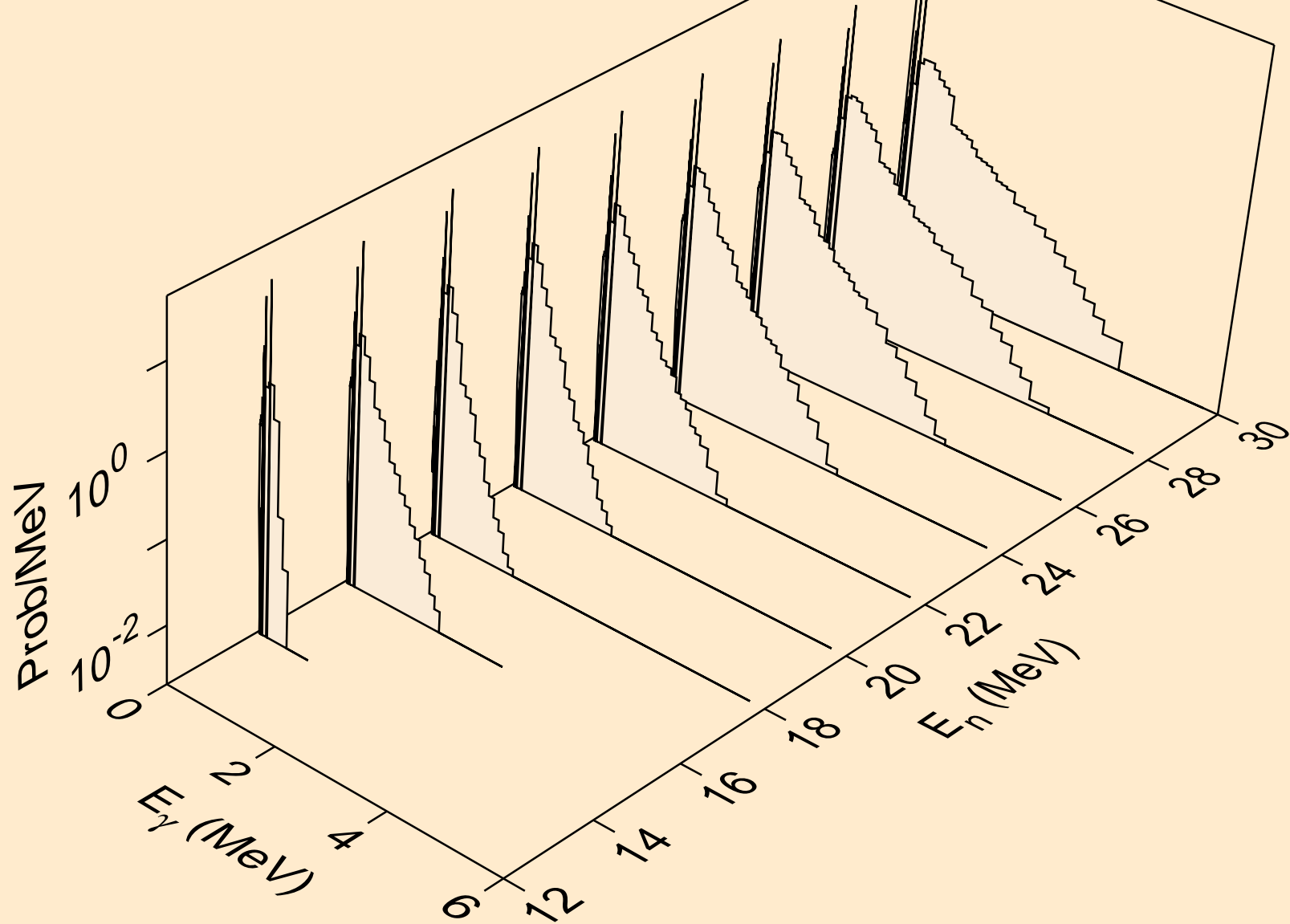
OS193 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



OS193 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,4n)

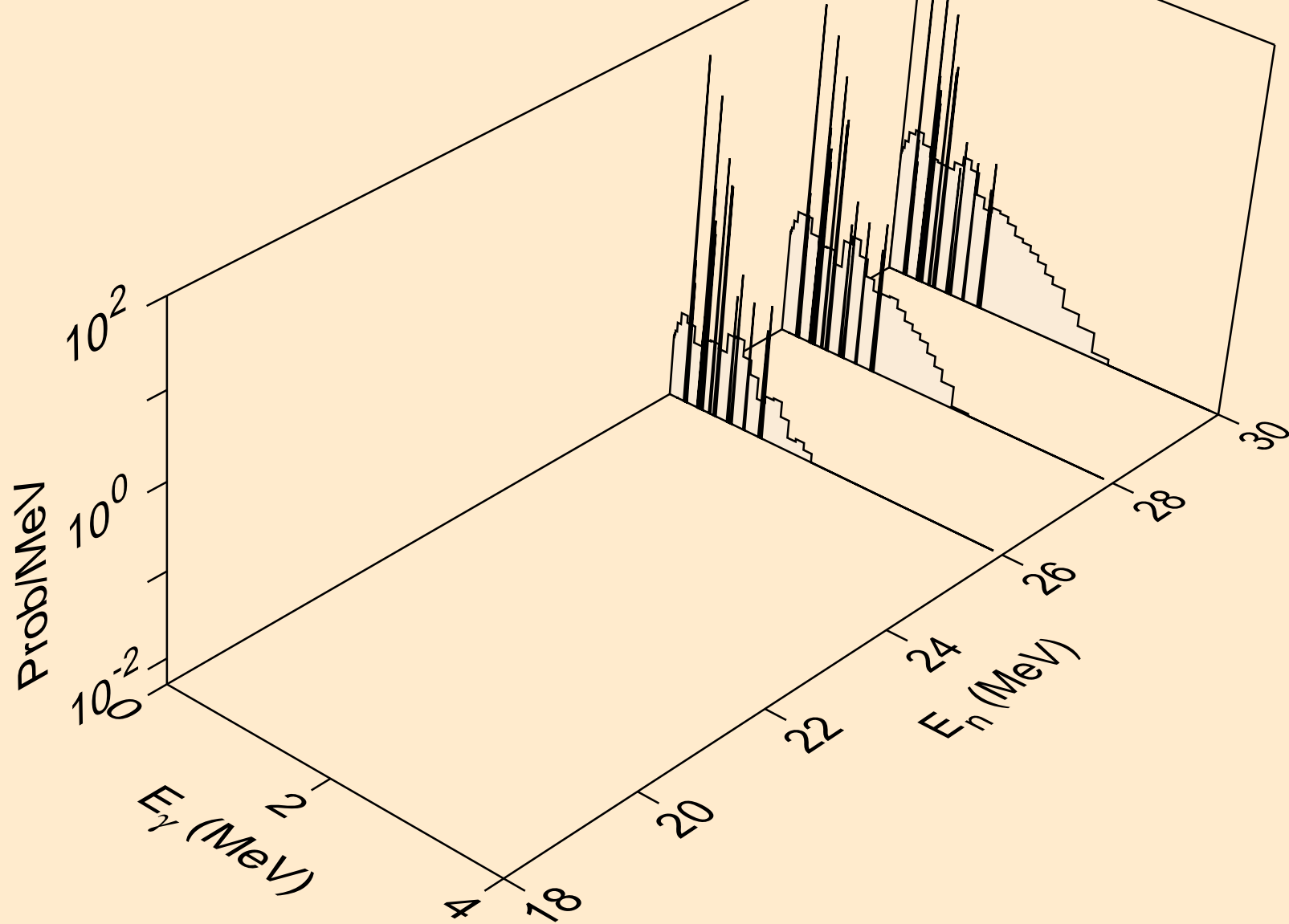


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Photon emission for (n,2np)

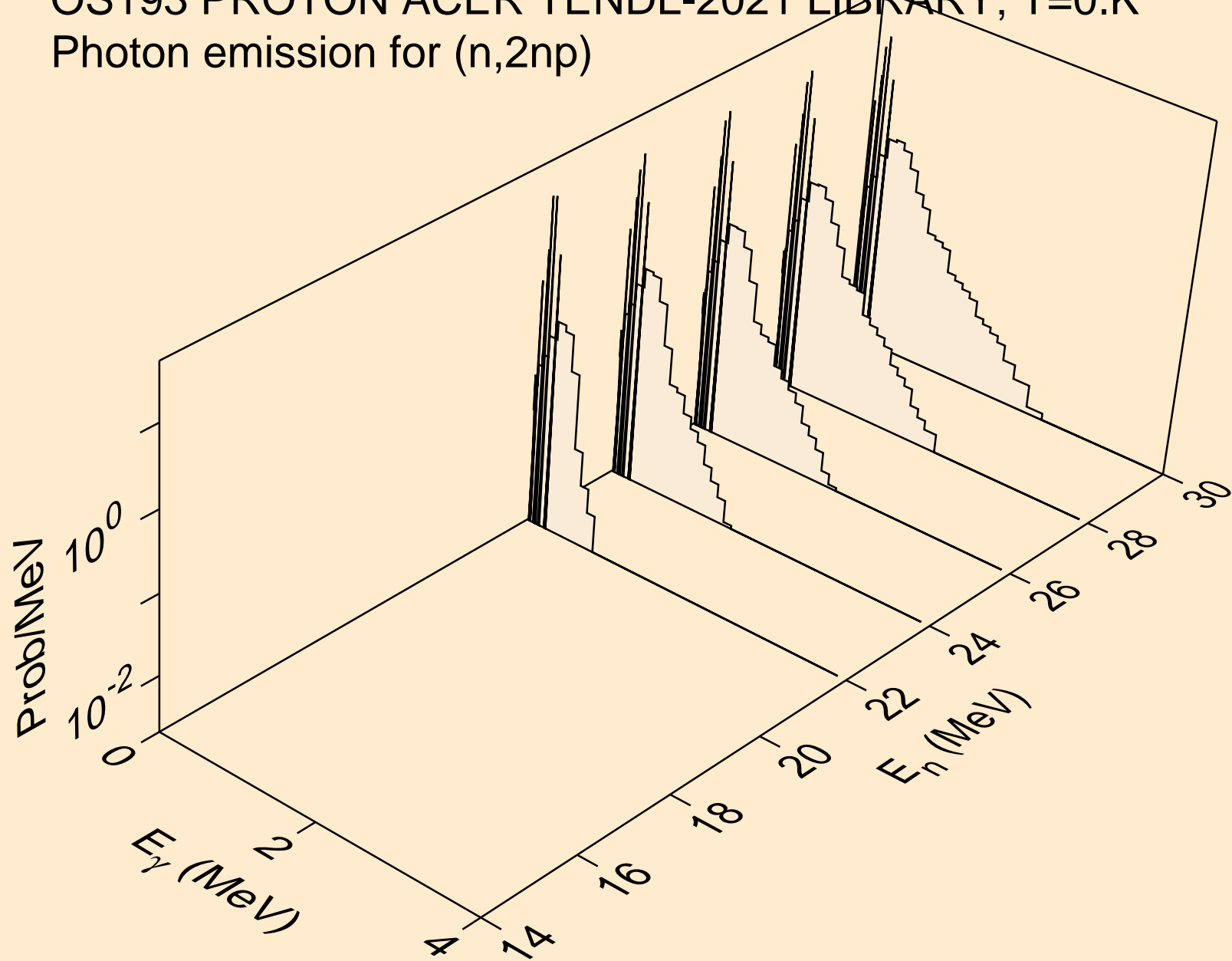




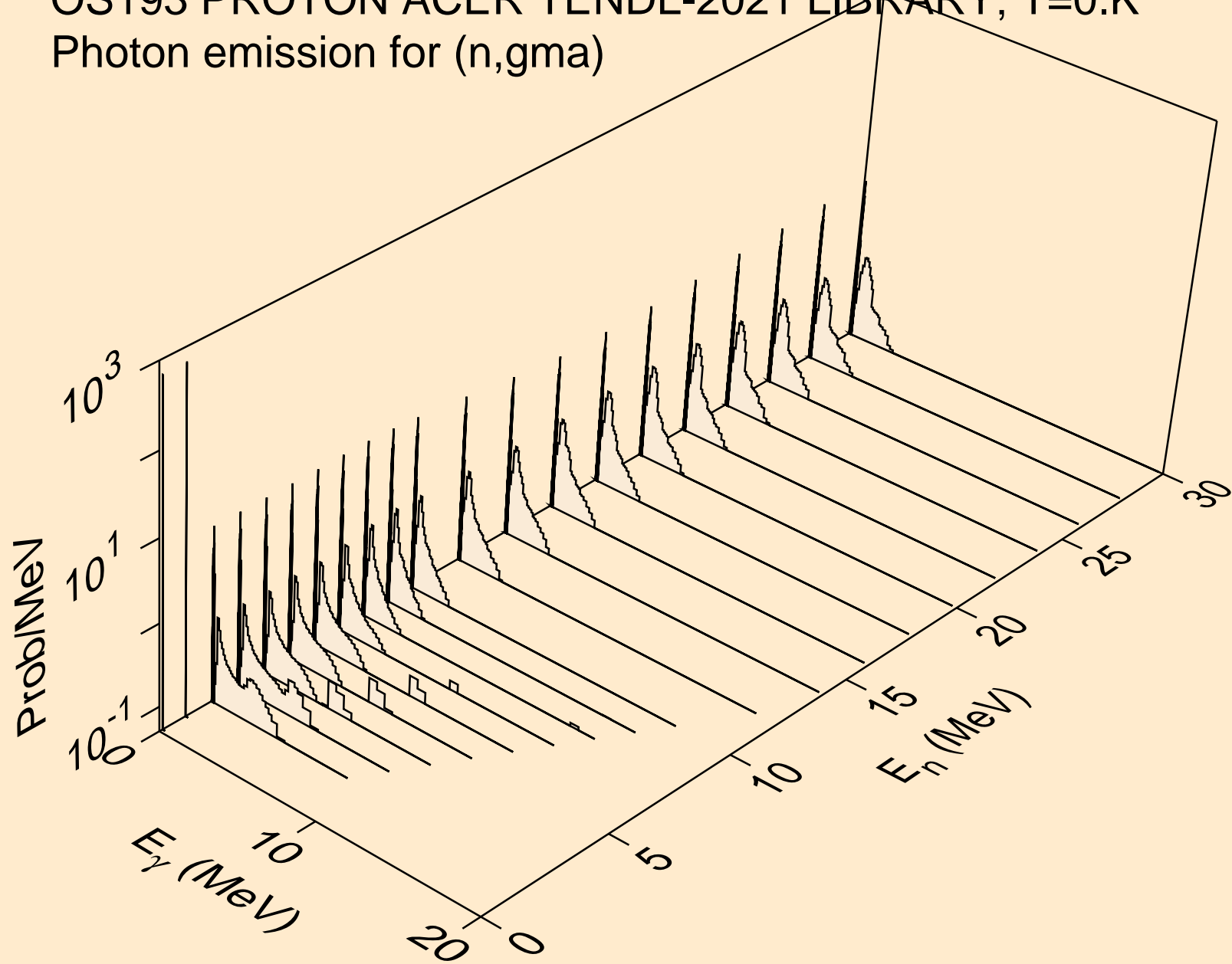
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Photon emission for (n,3np)



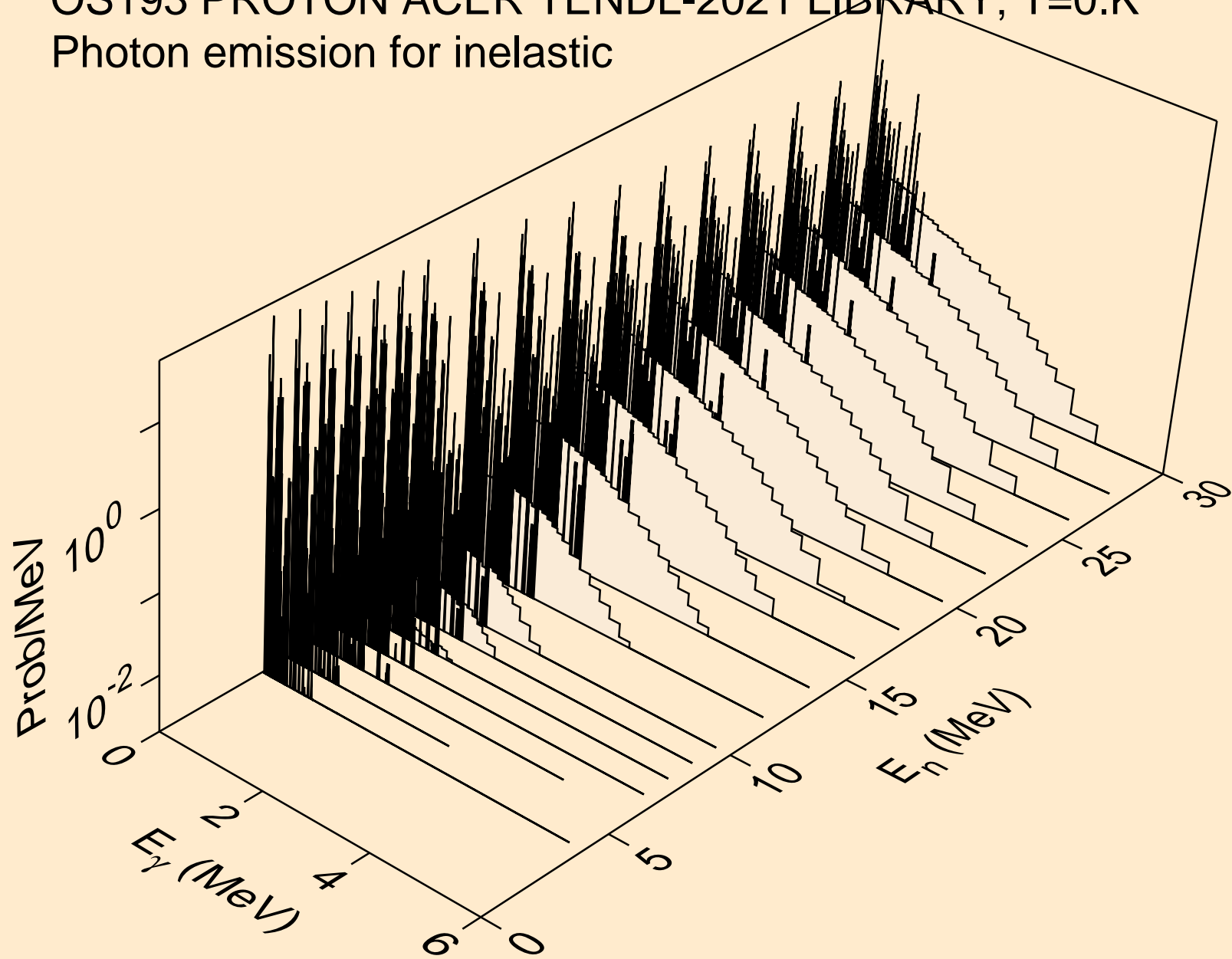
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Photon emission for (n,2np)



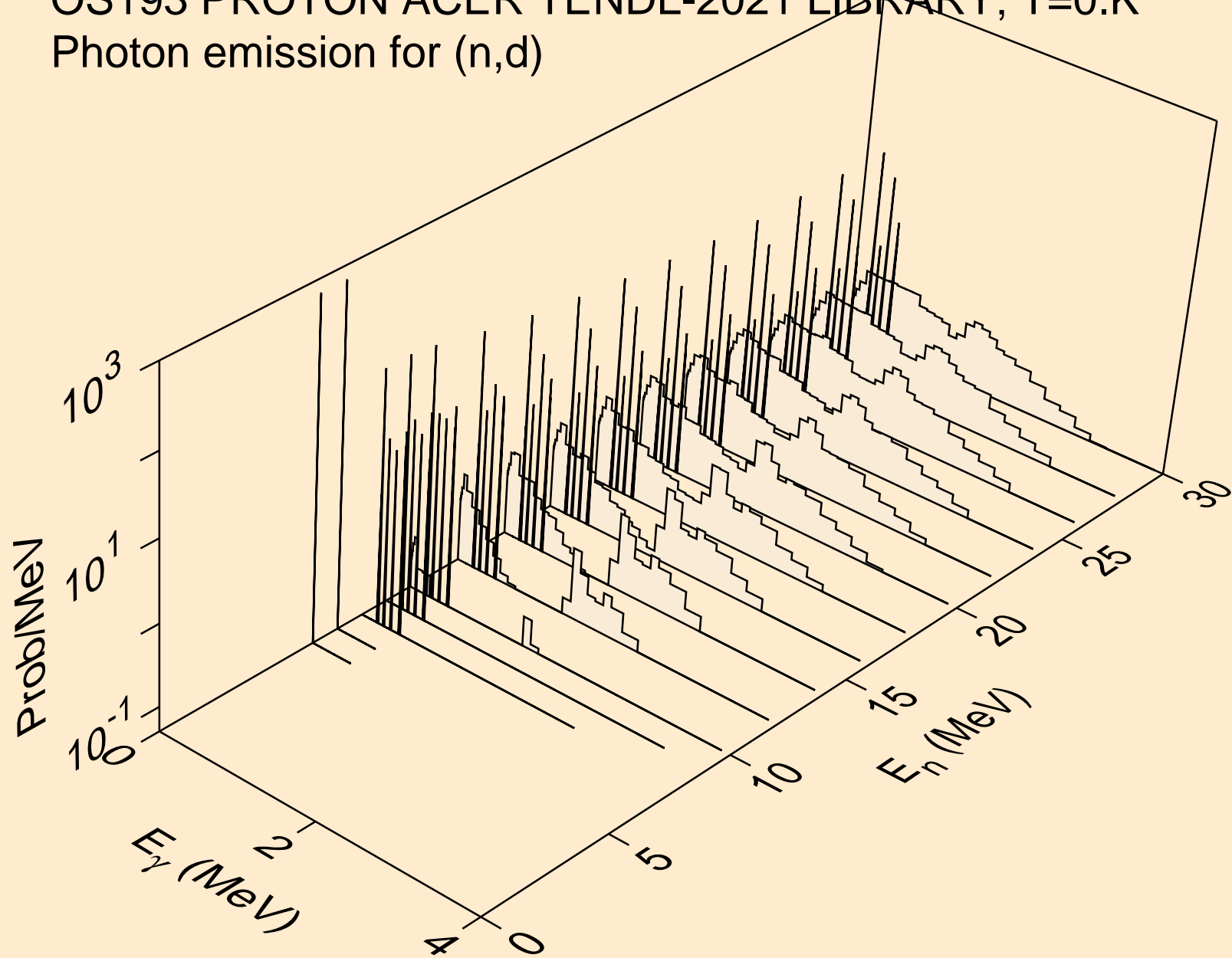
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Photon emission for (n,gma)



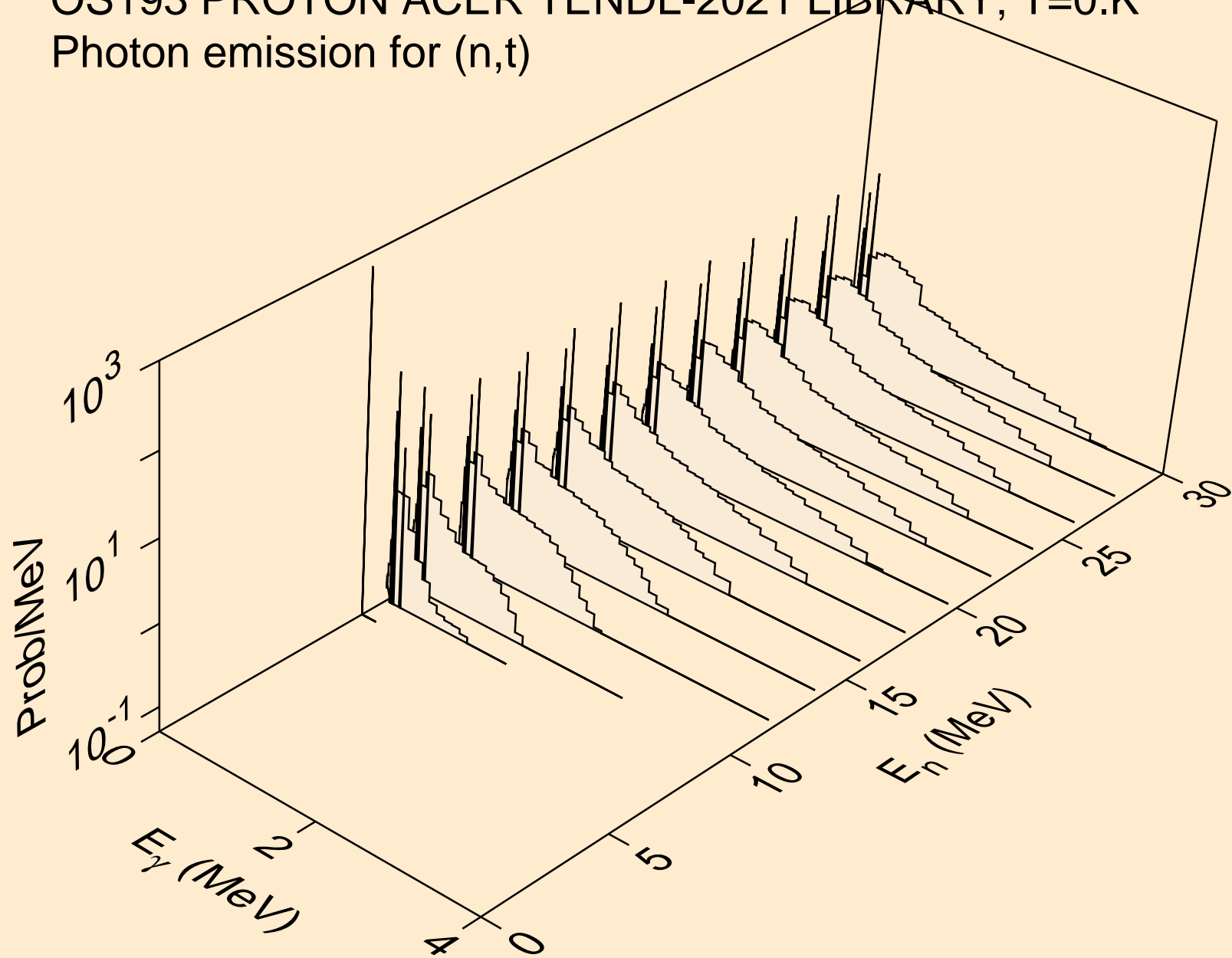
OS193 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



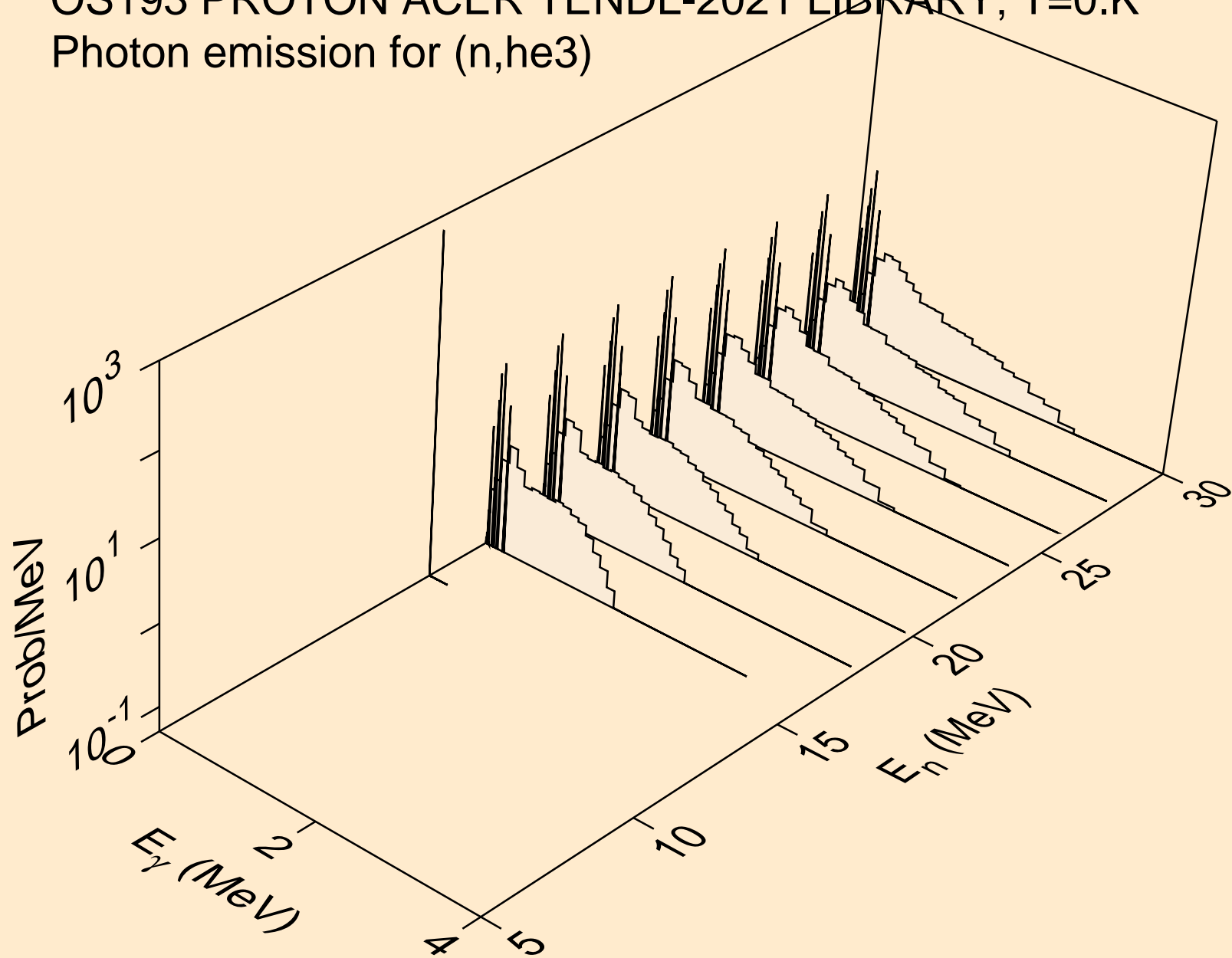
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Photon emission for (n,d)



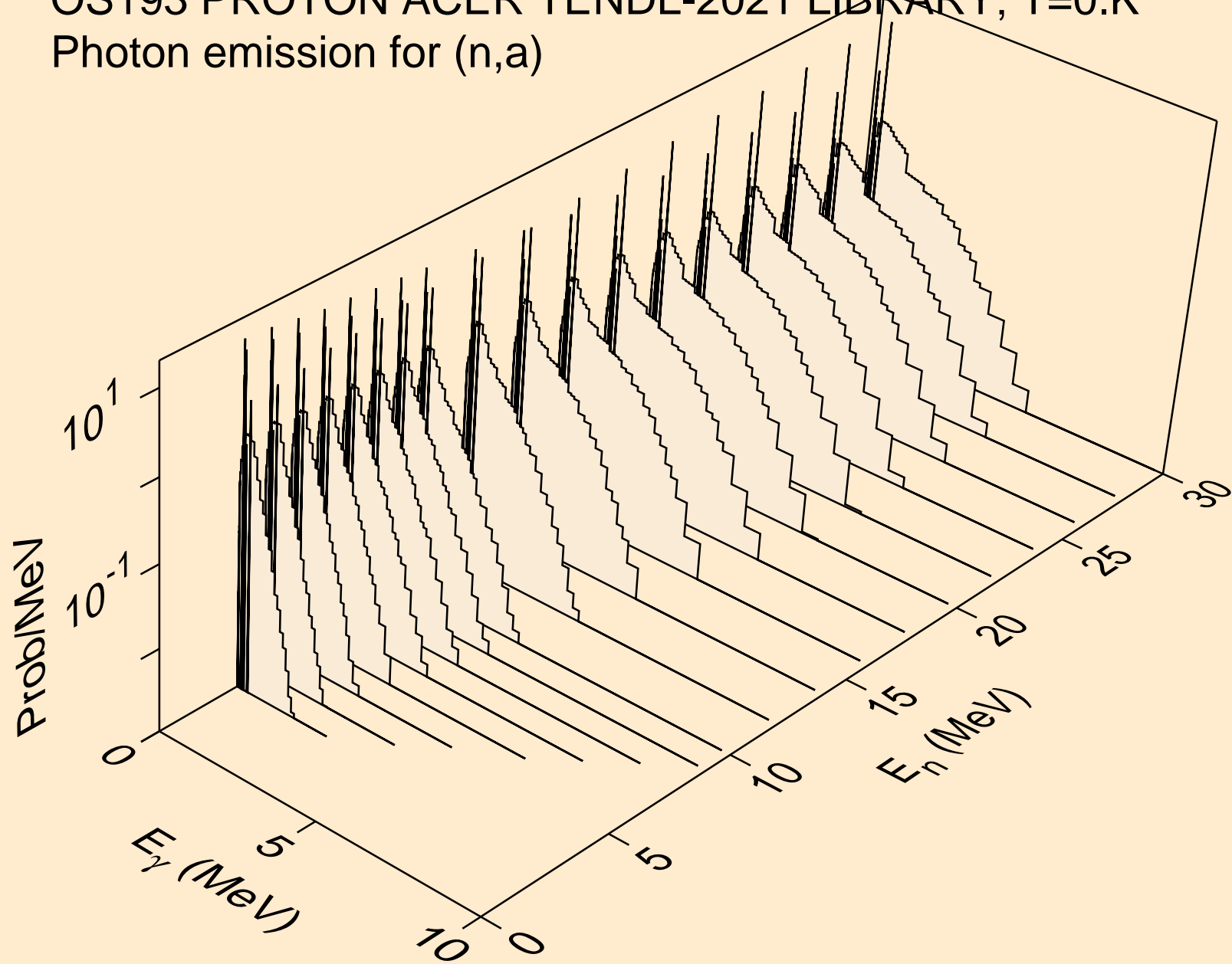
OS193 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)



OS193 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,he3)

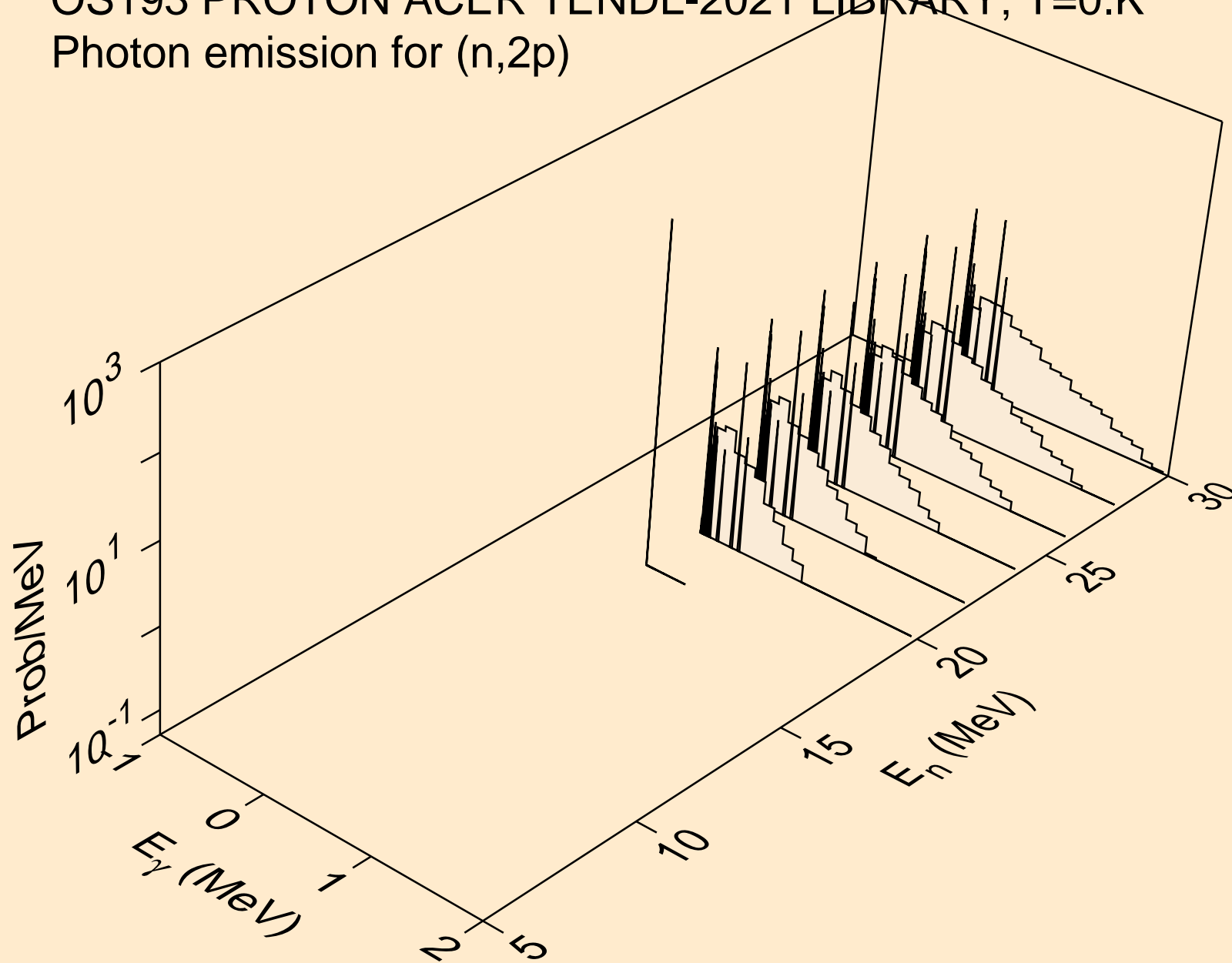


OS193 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,a)

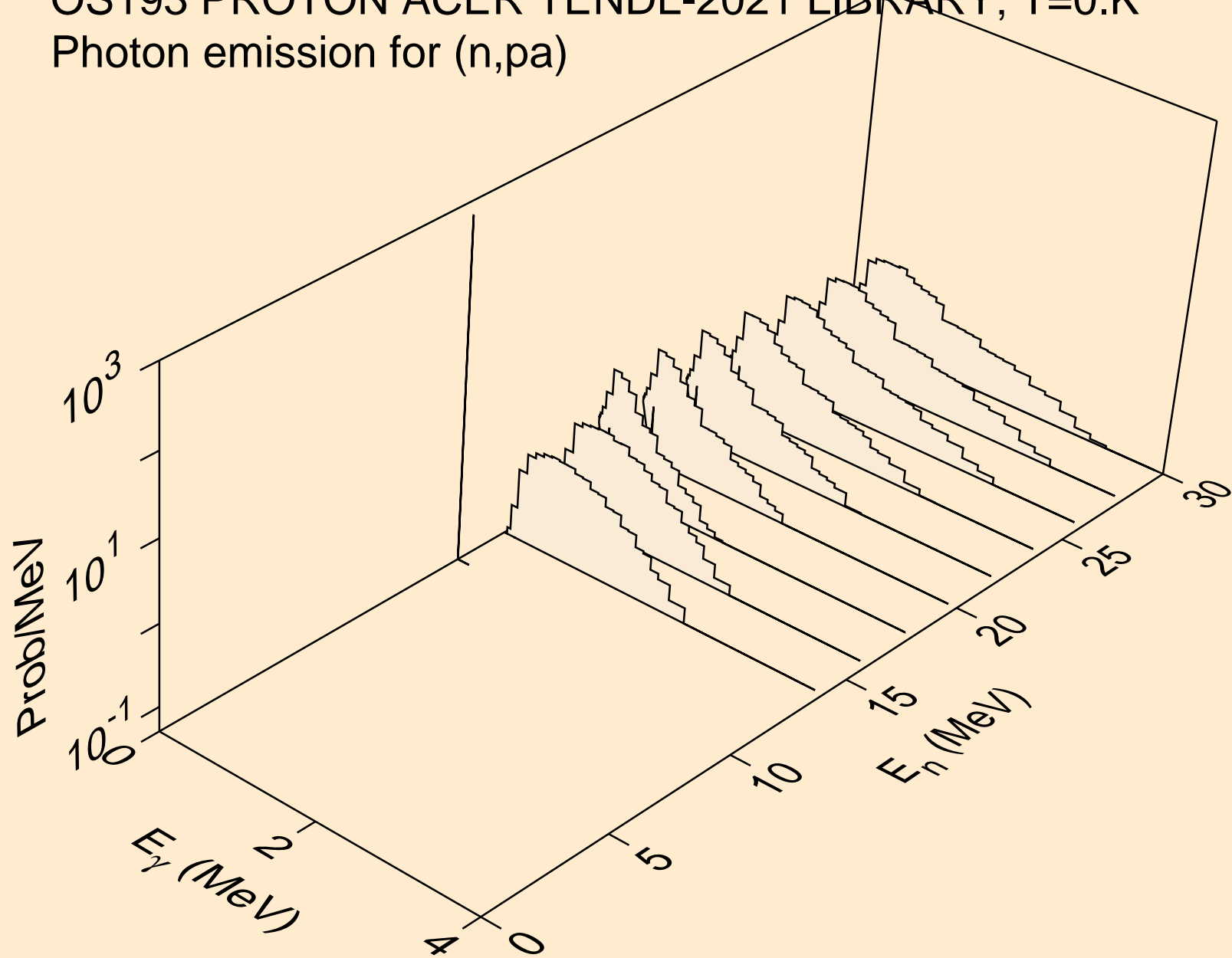




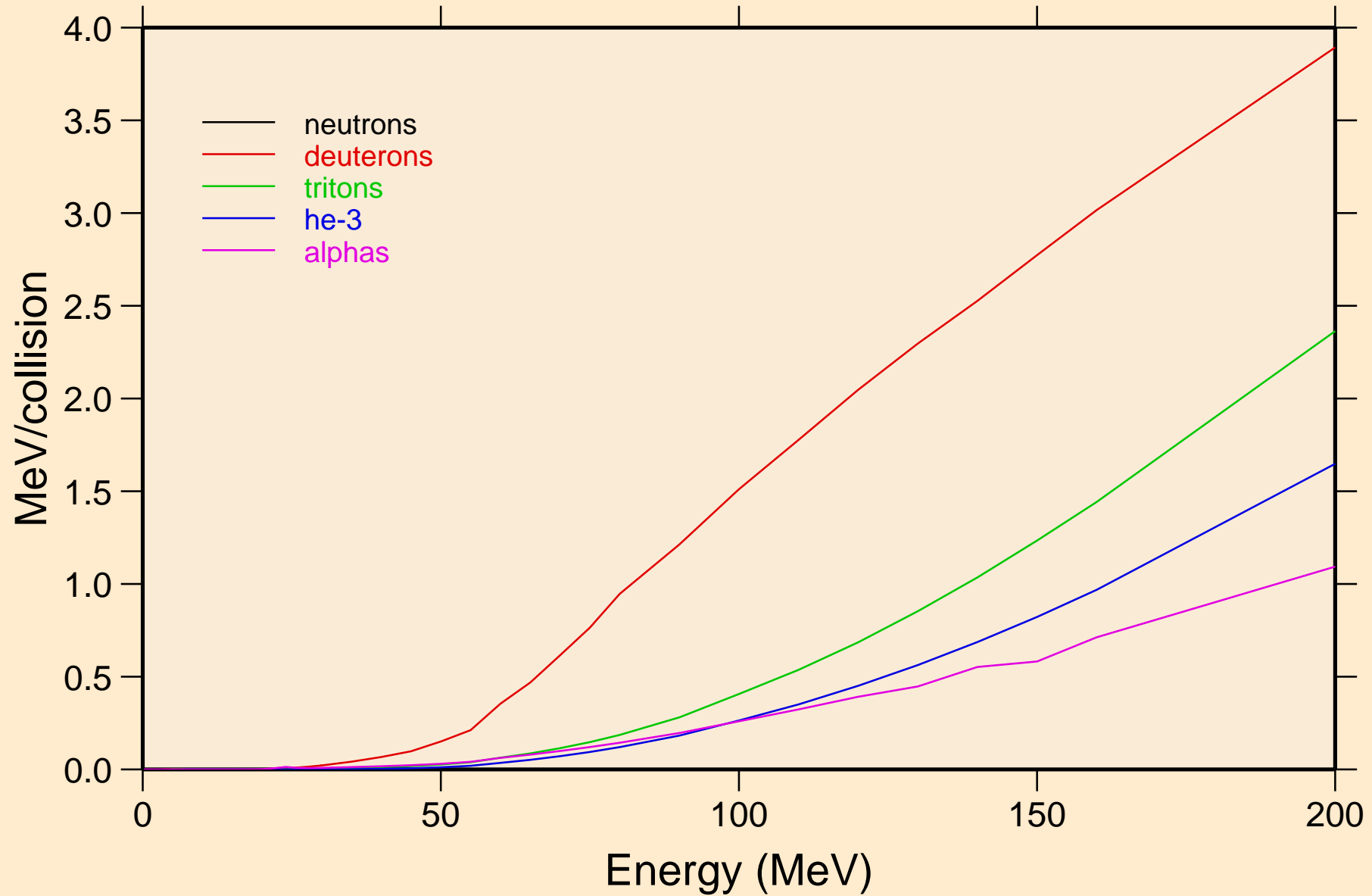
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Photon emission for (n,2p)



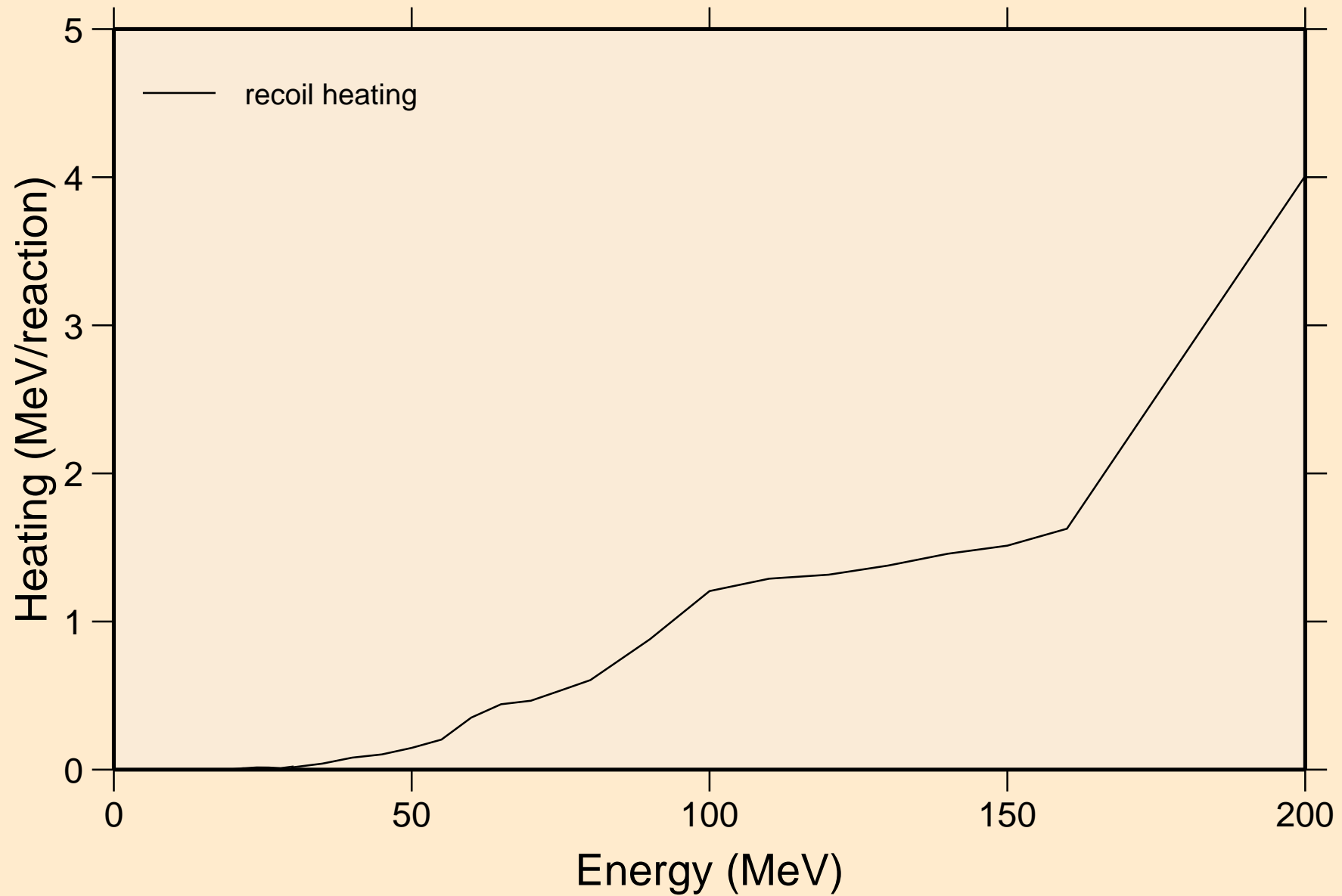
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Photon emission for (n,pa)



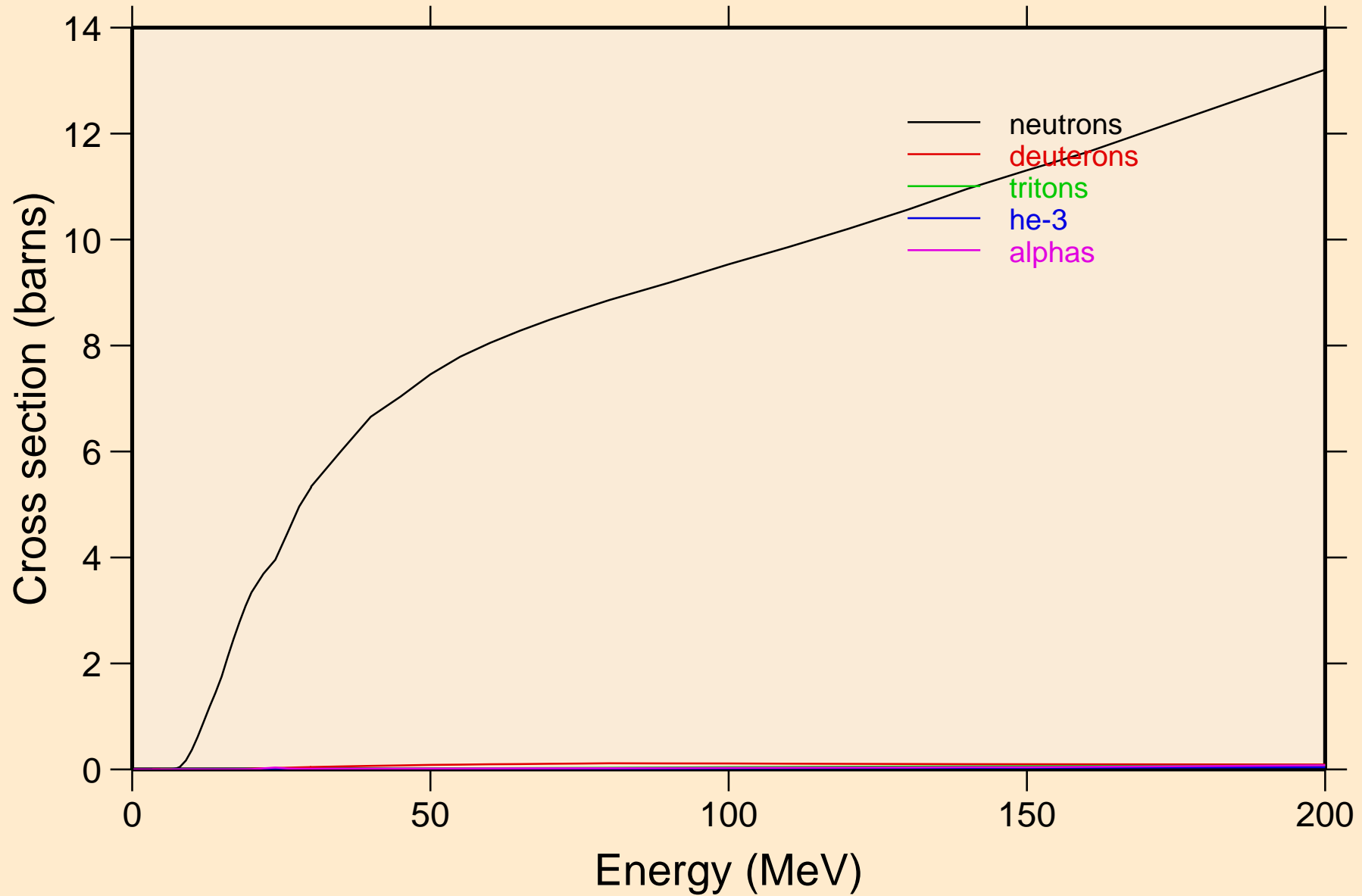
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Particle heating contributions



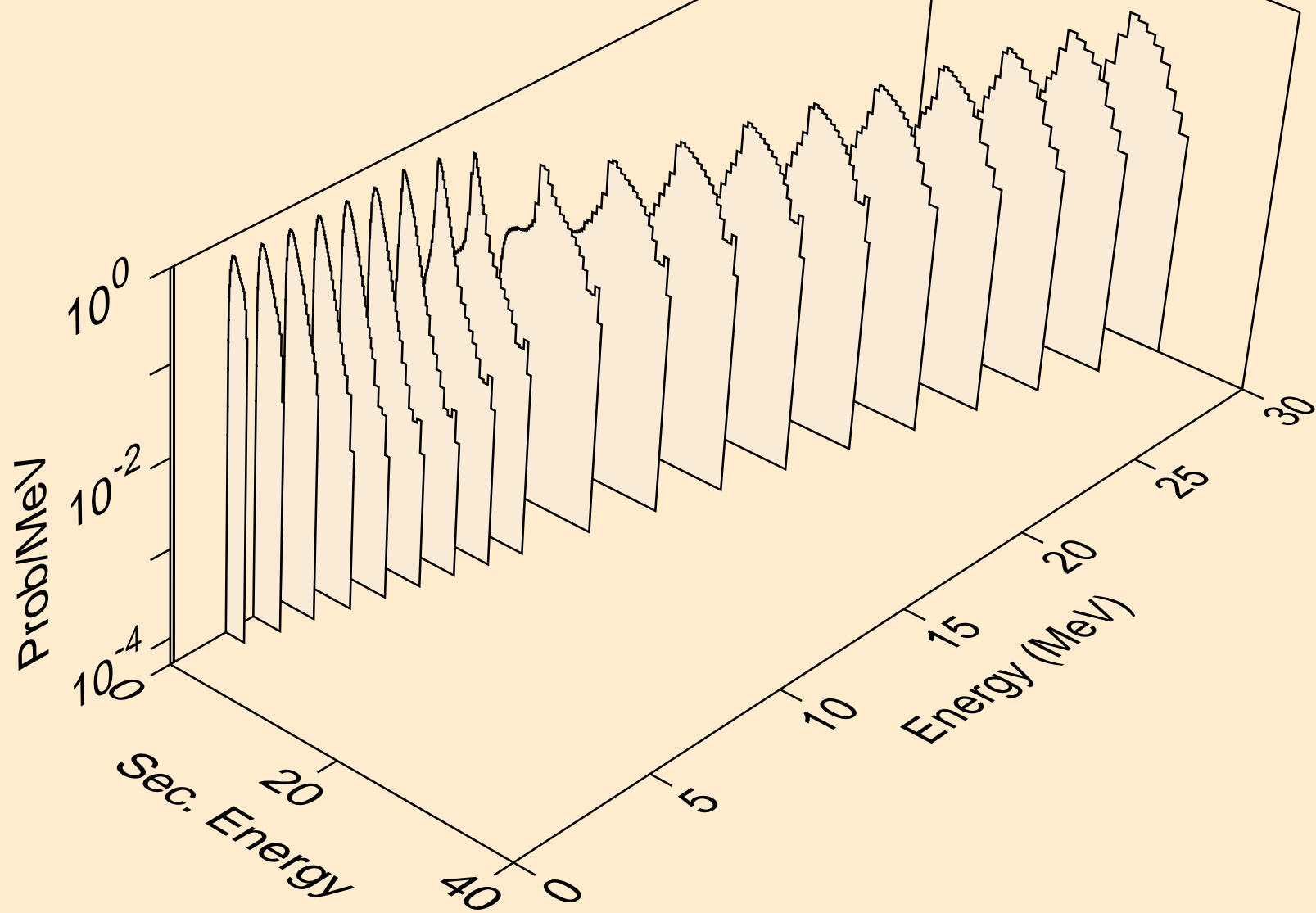
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Recoil Heating



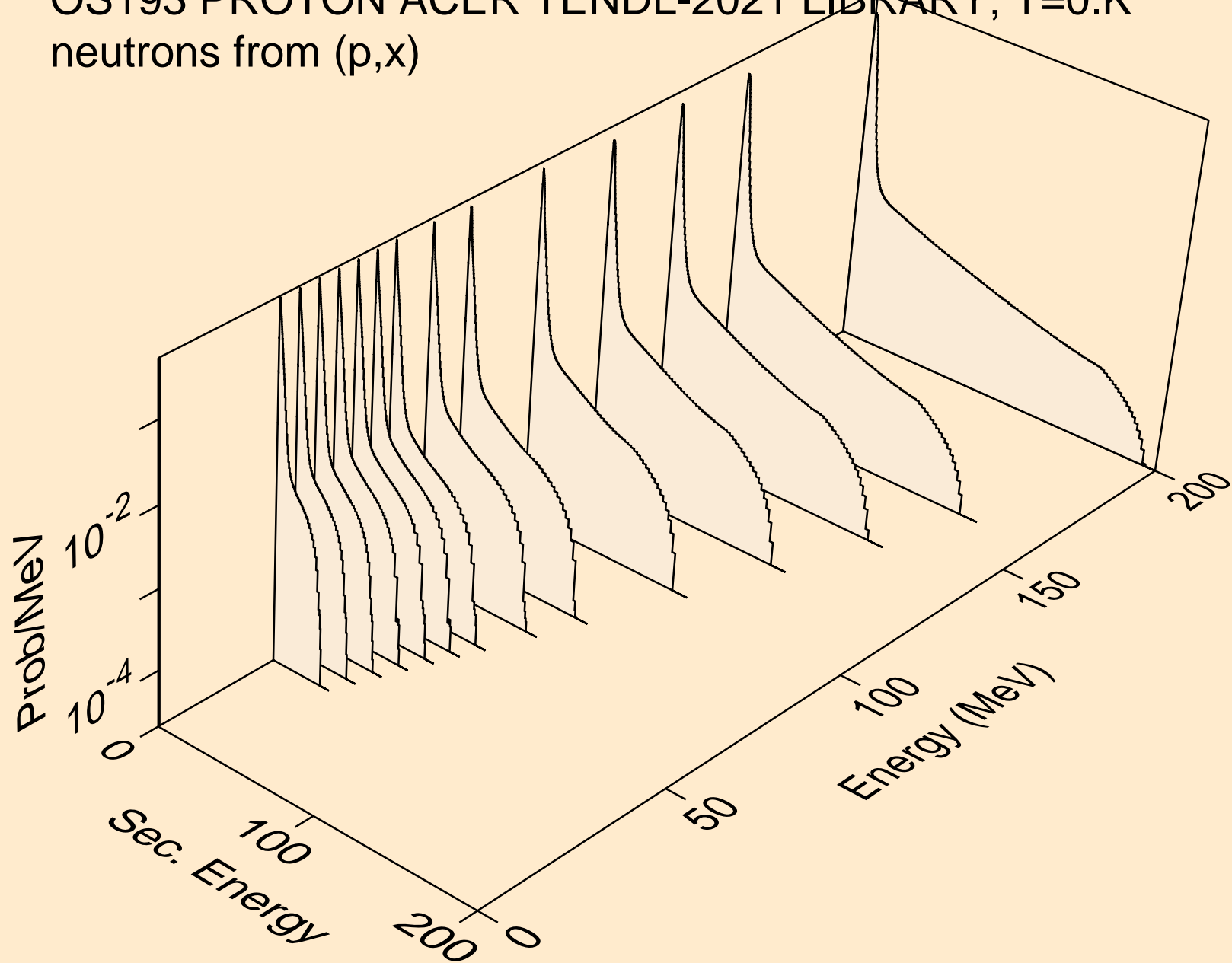
OS193 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



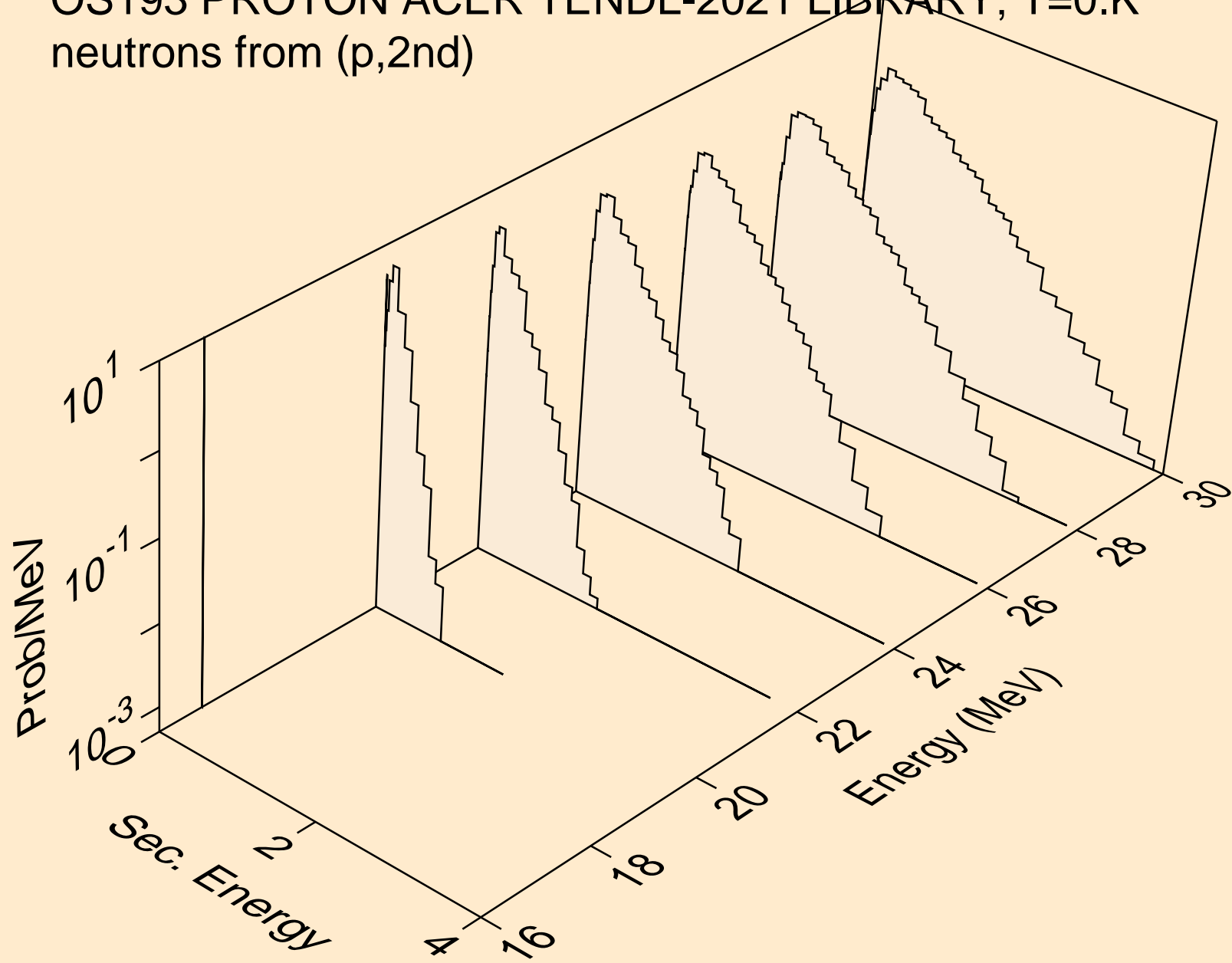
OS193 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n)



OS193 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,x)

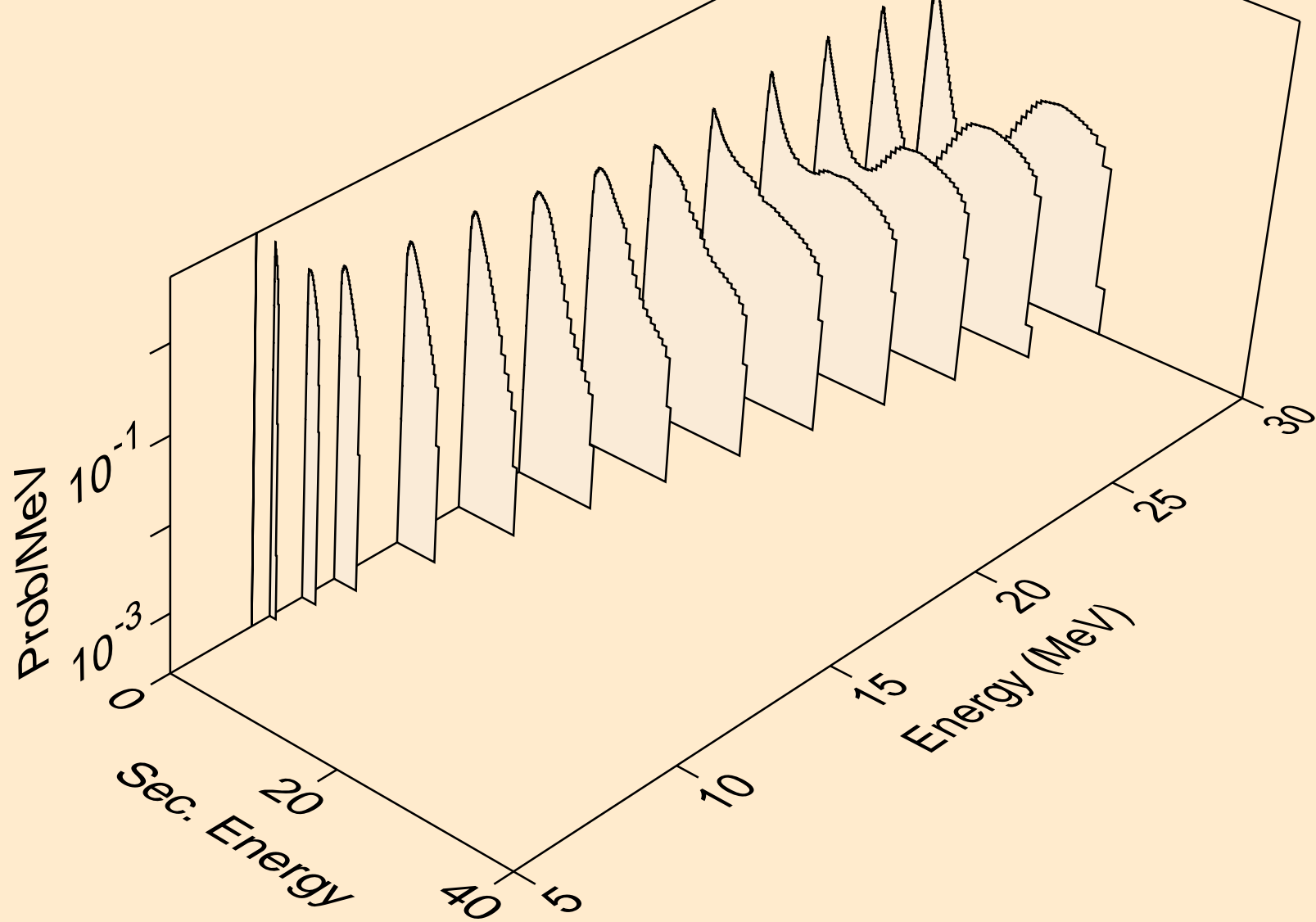


OS193 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2nd)

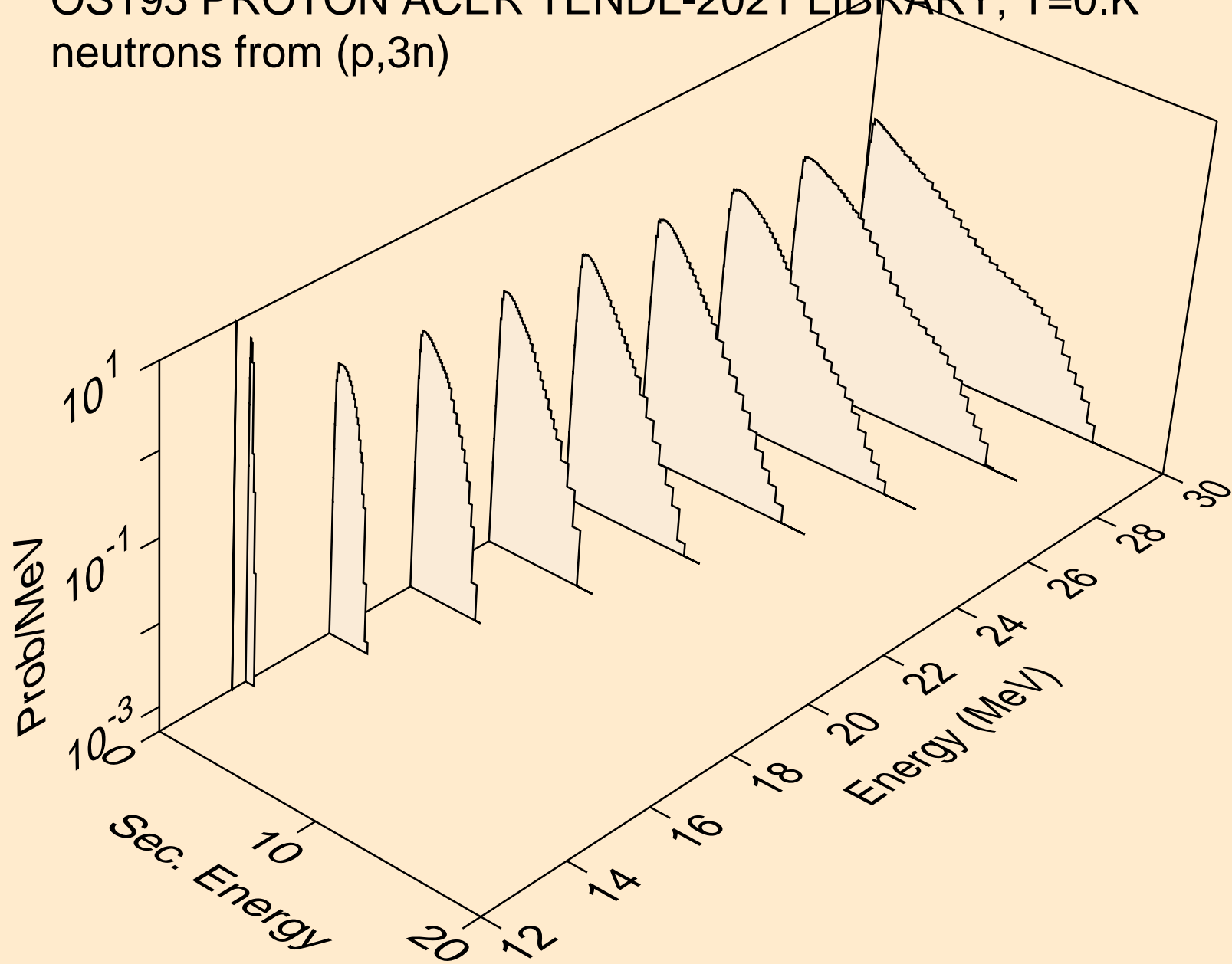




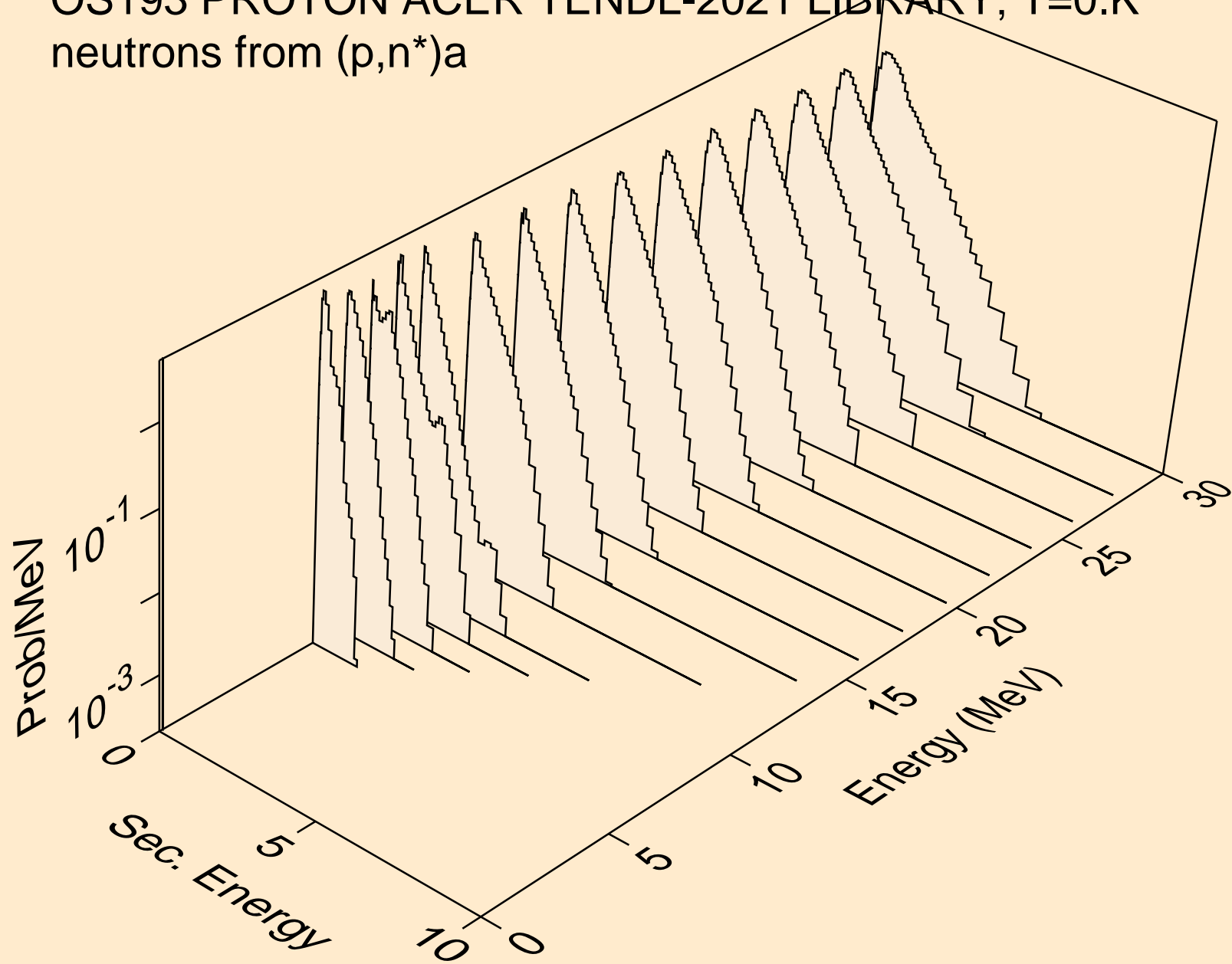
OS193 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2n)



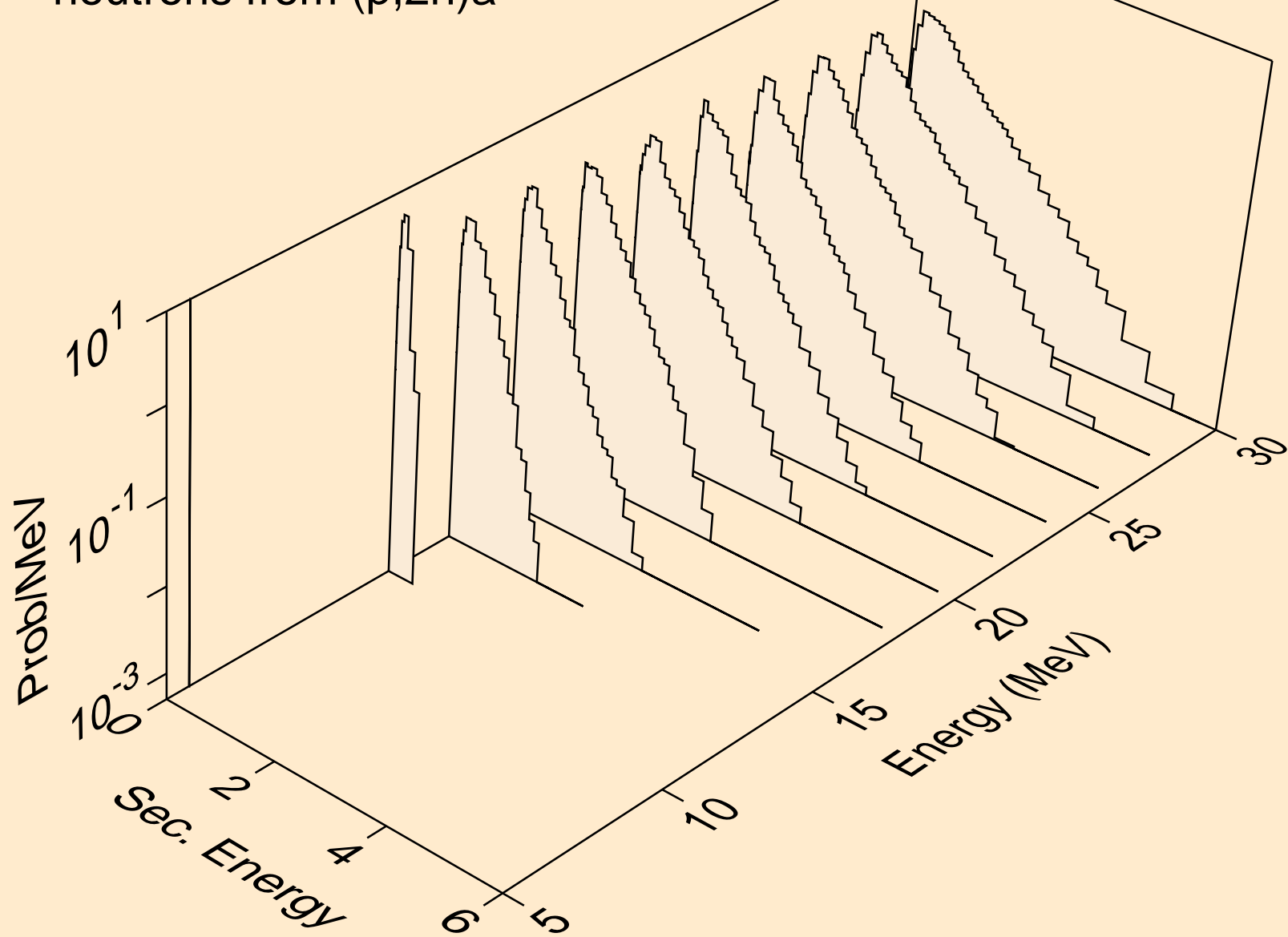
OS193 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,3n)



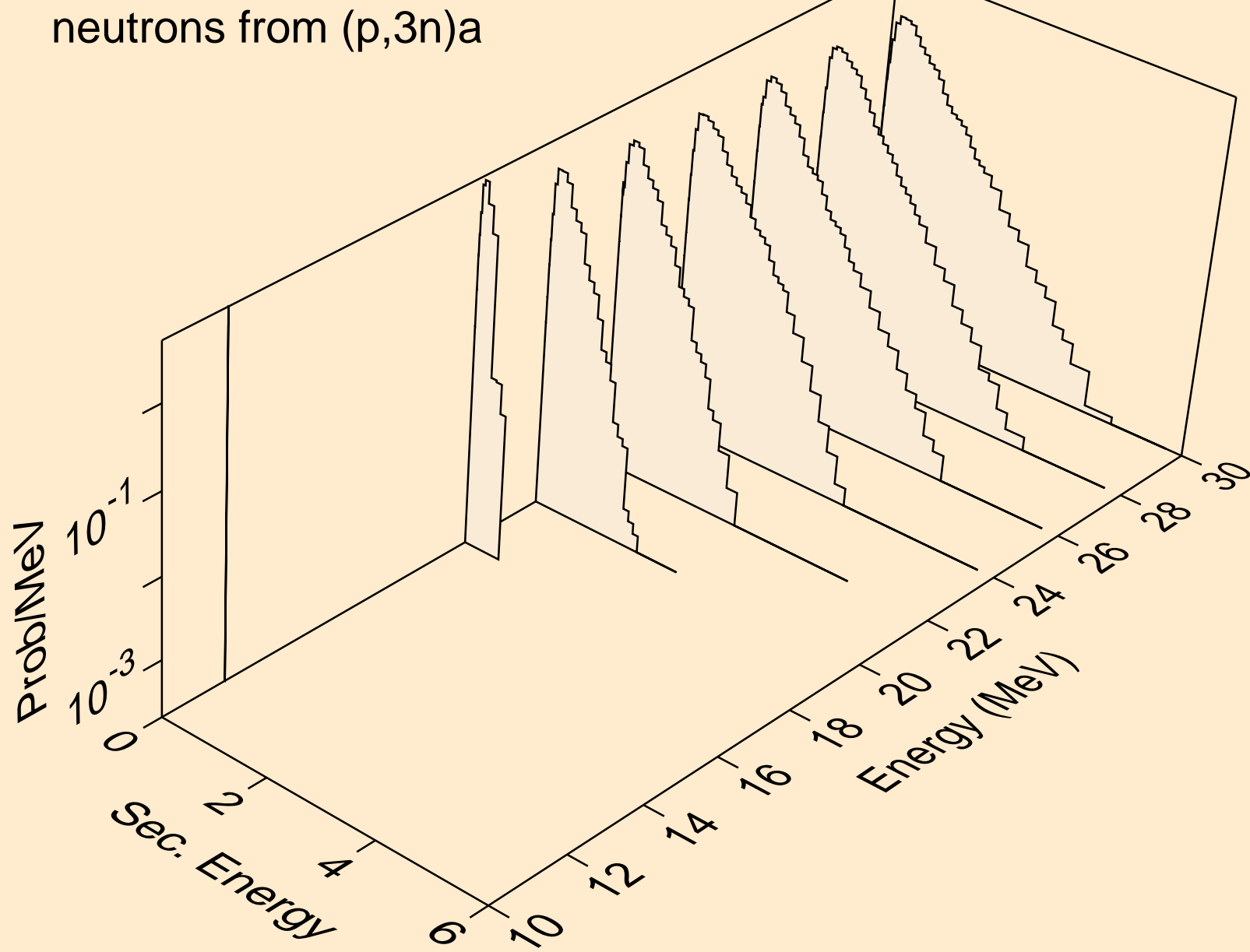
OS193 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)a



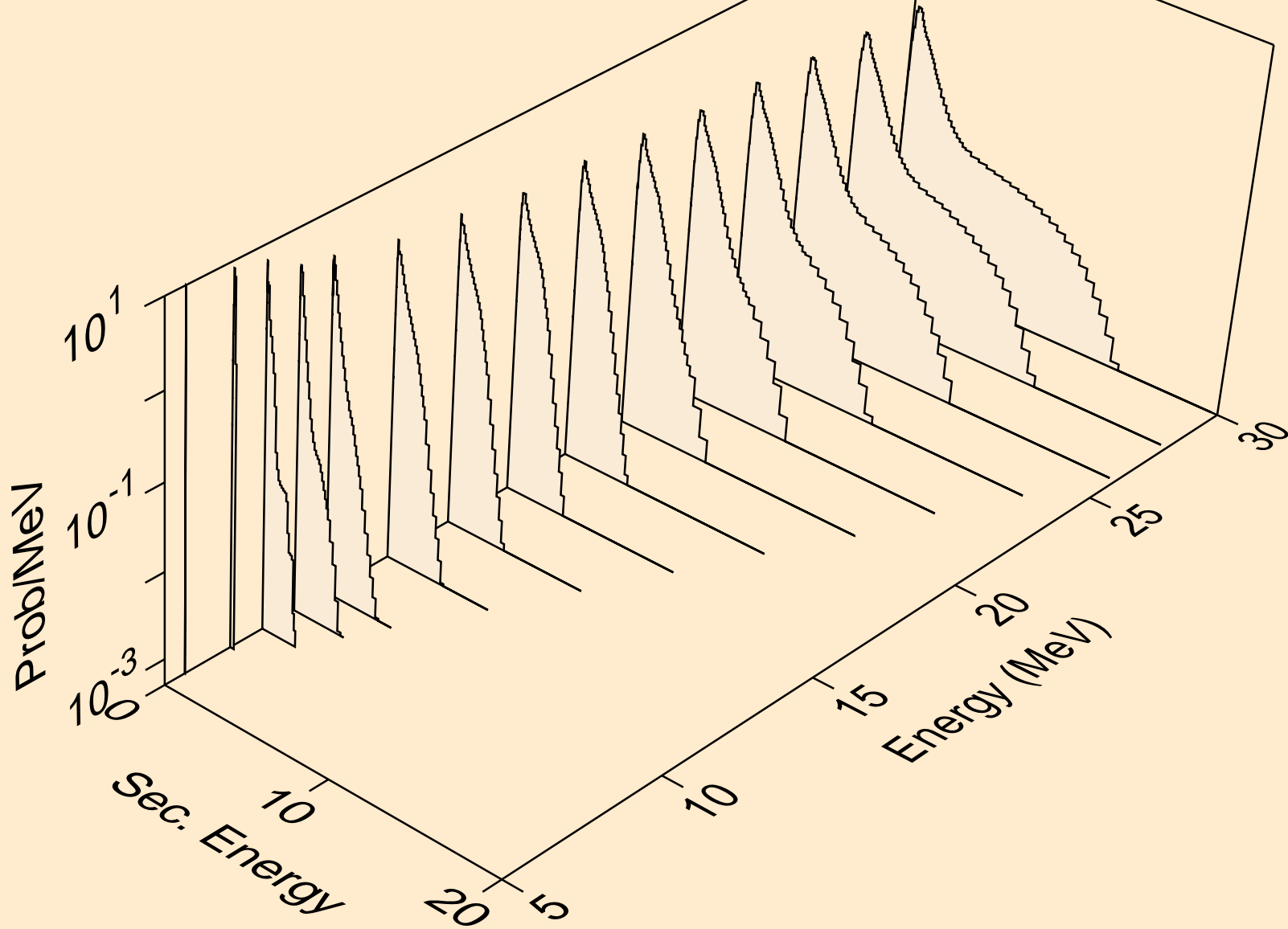
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neutrons from (p,2n)a



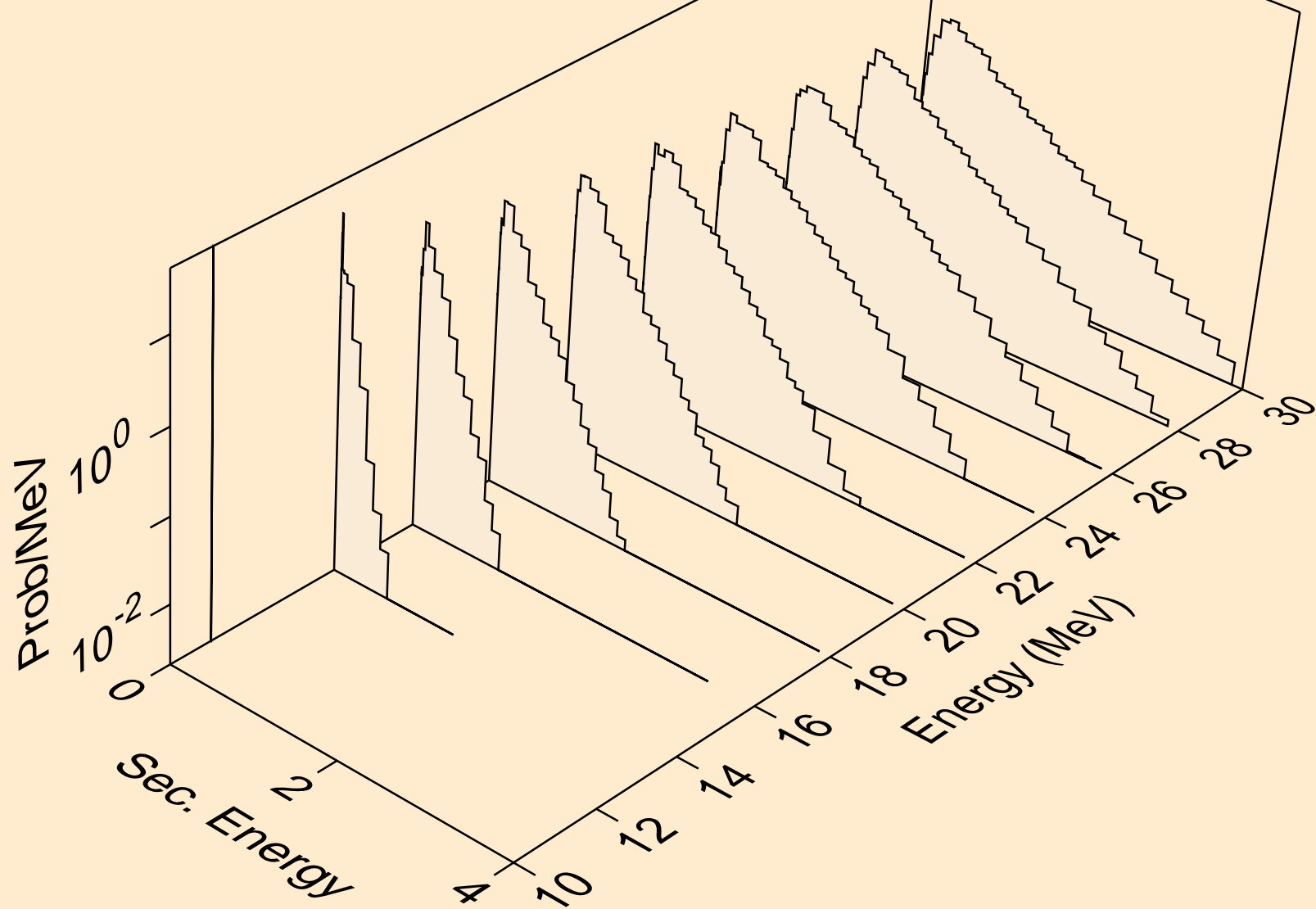
OS193 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,3n)a



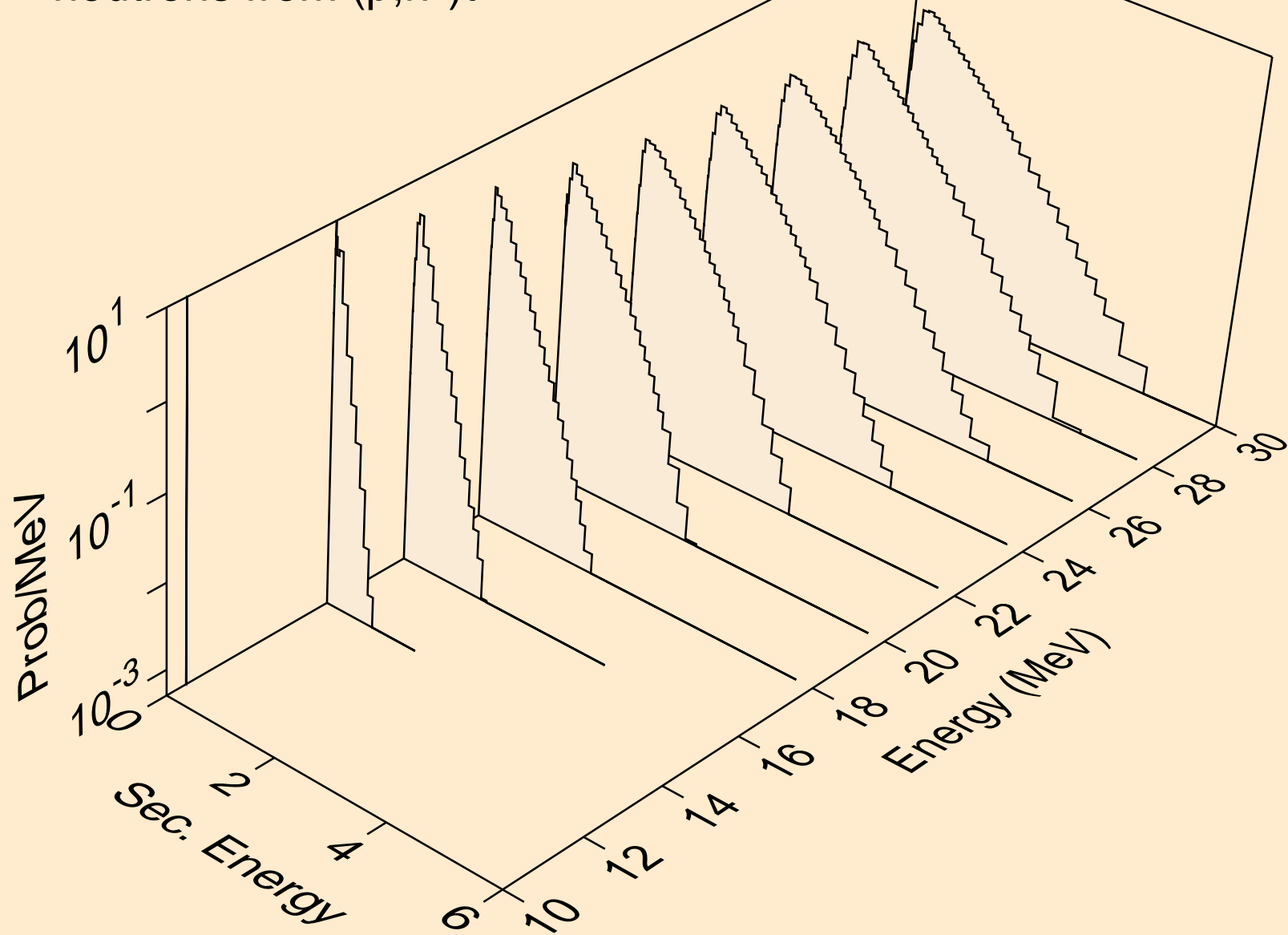
OS193 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)p



OS193 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)d

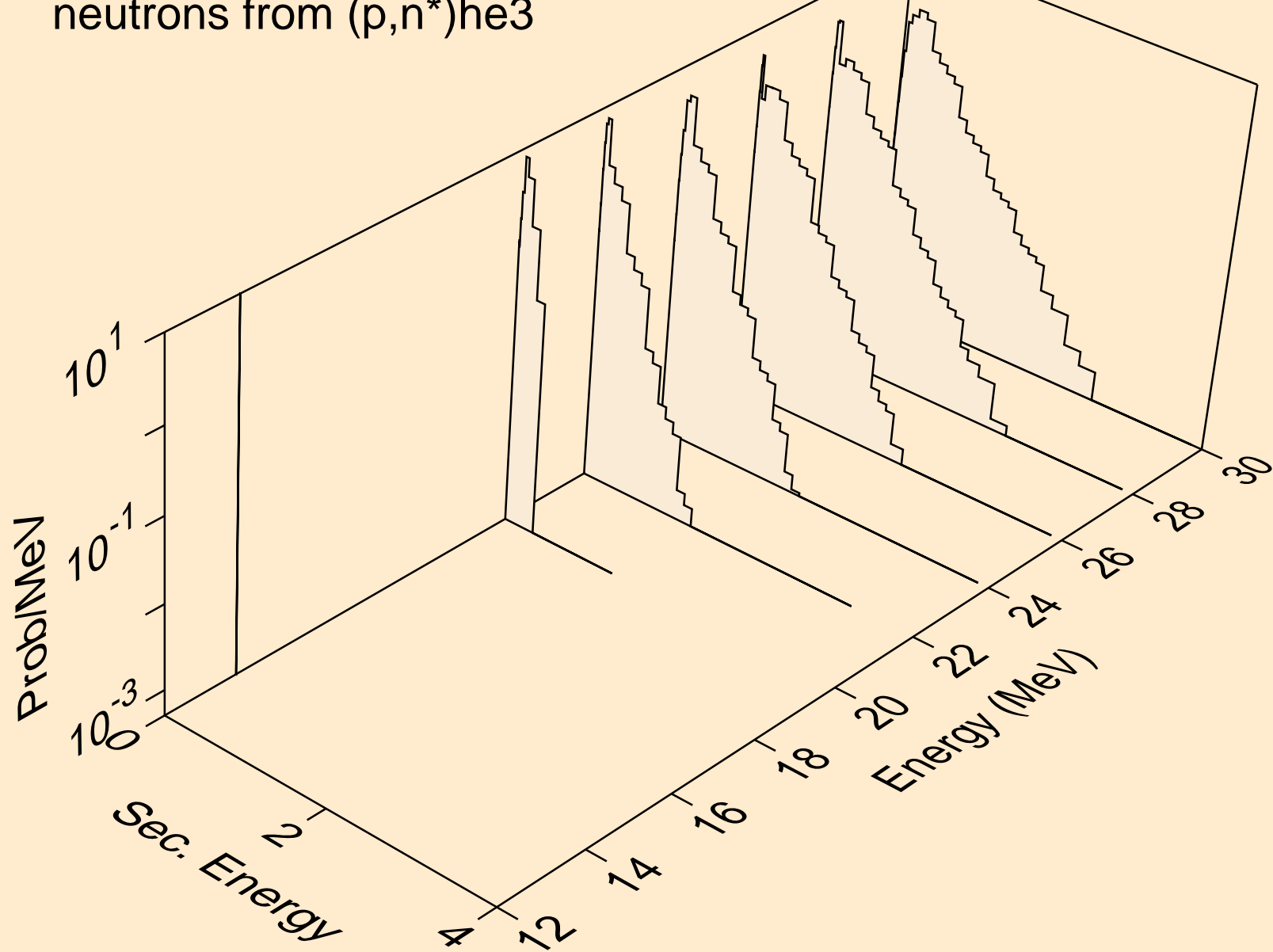


OS193 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)t

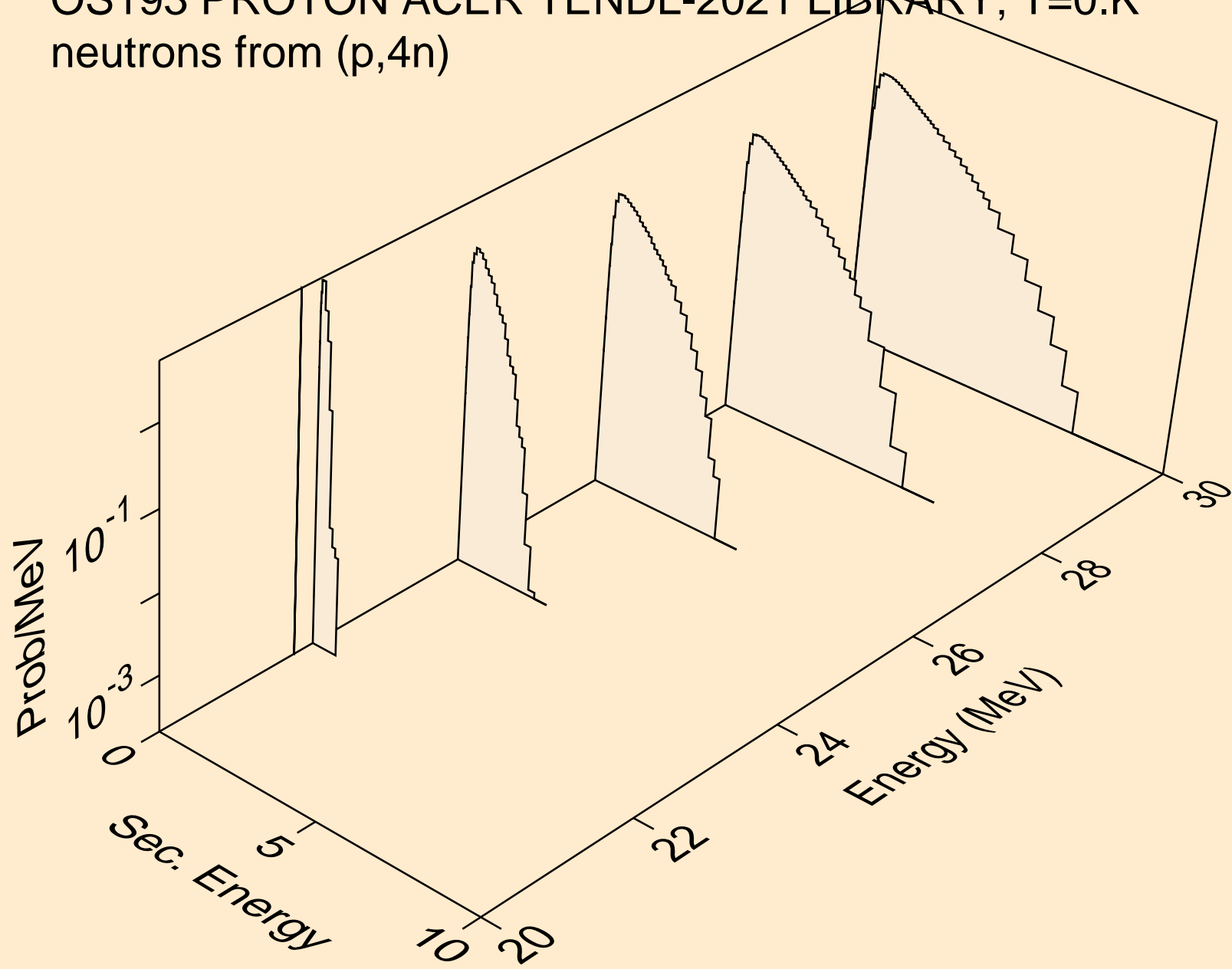




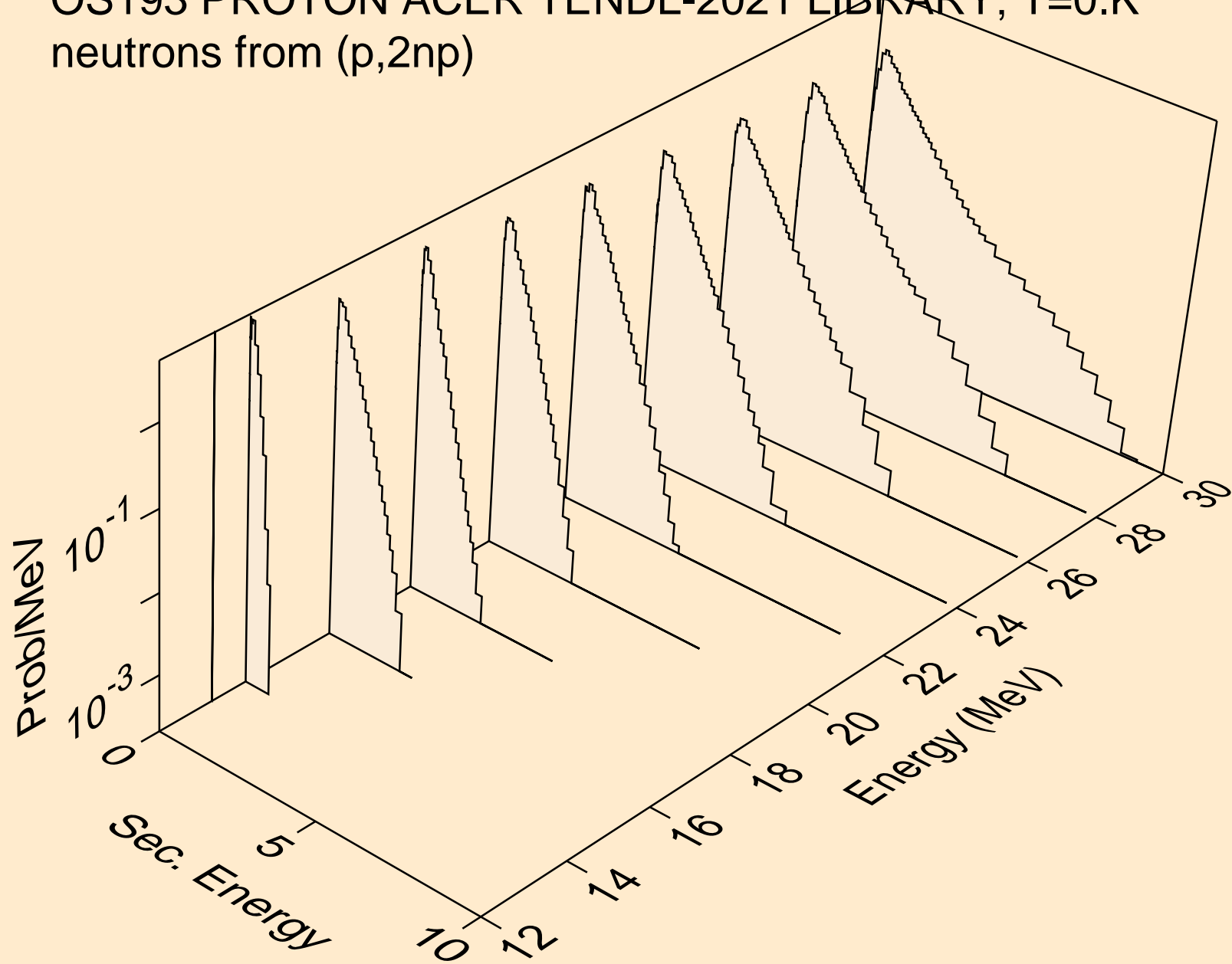
OS193 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



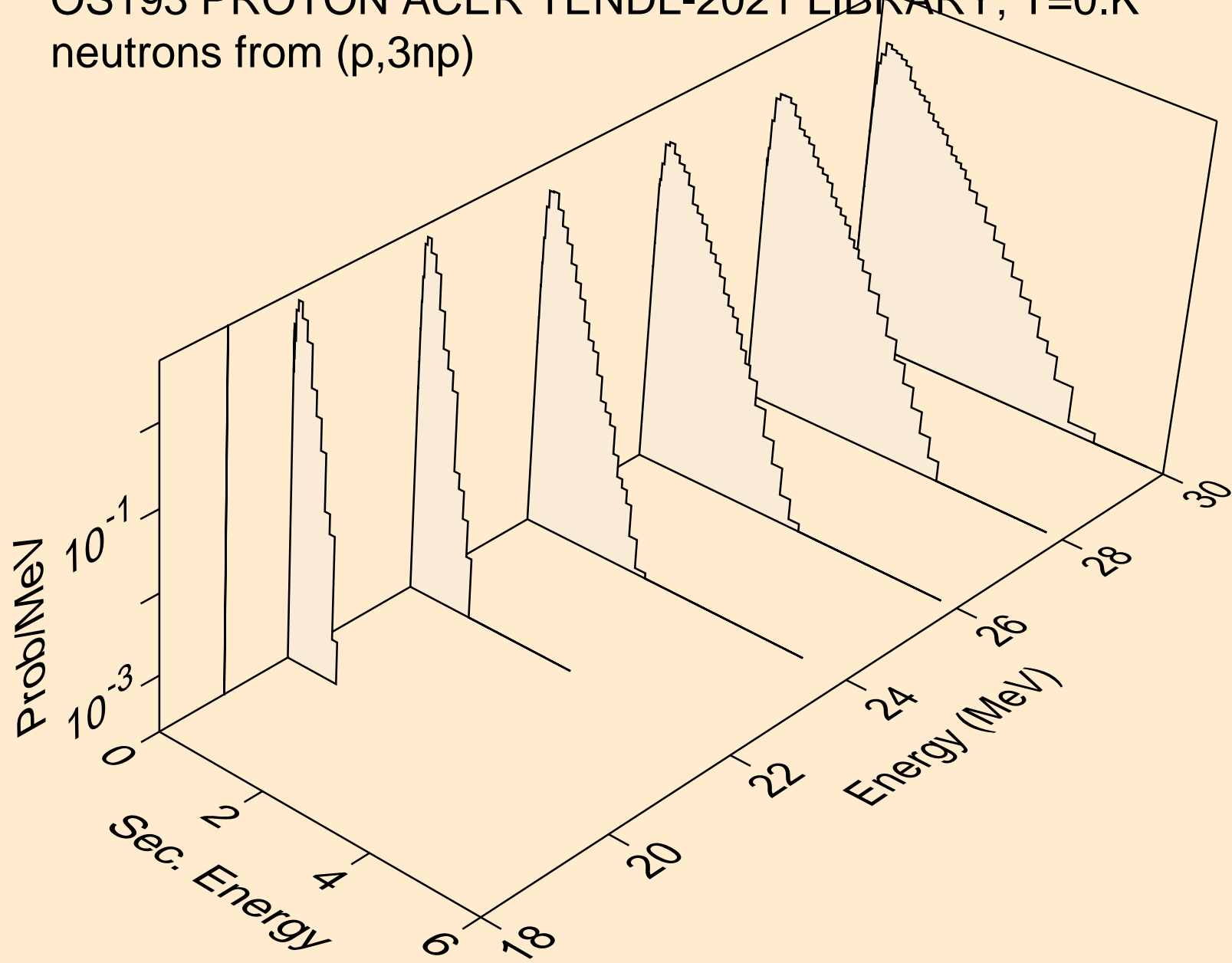
OS193 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,4n)



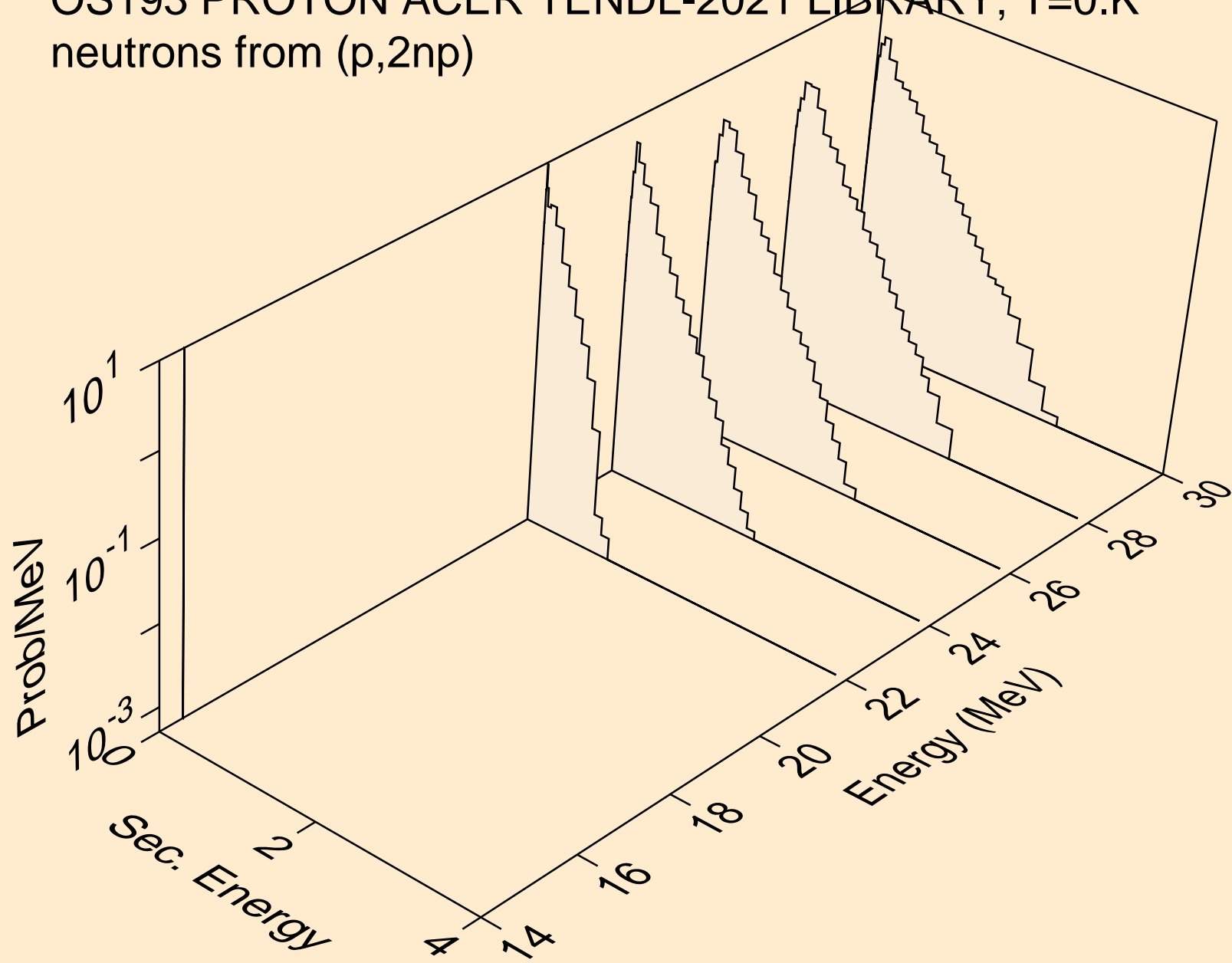
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neutrons from (p,2np)



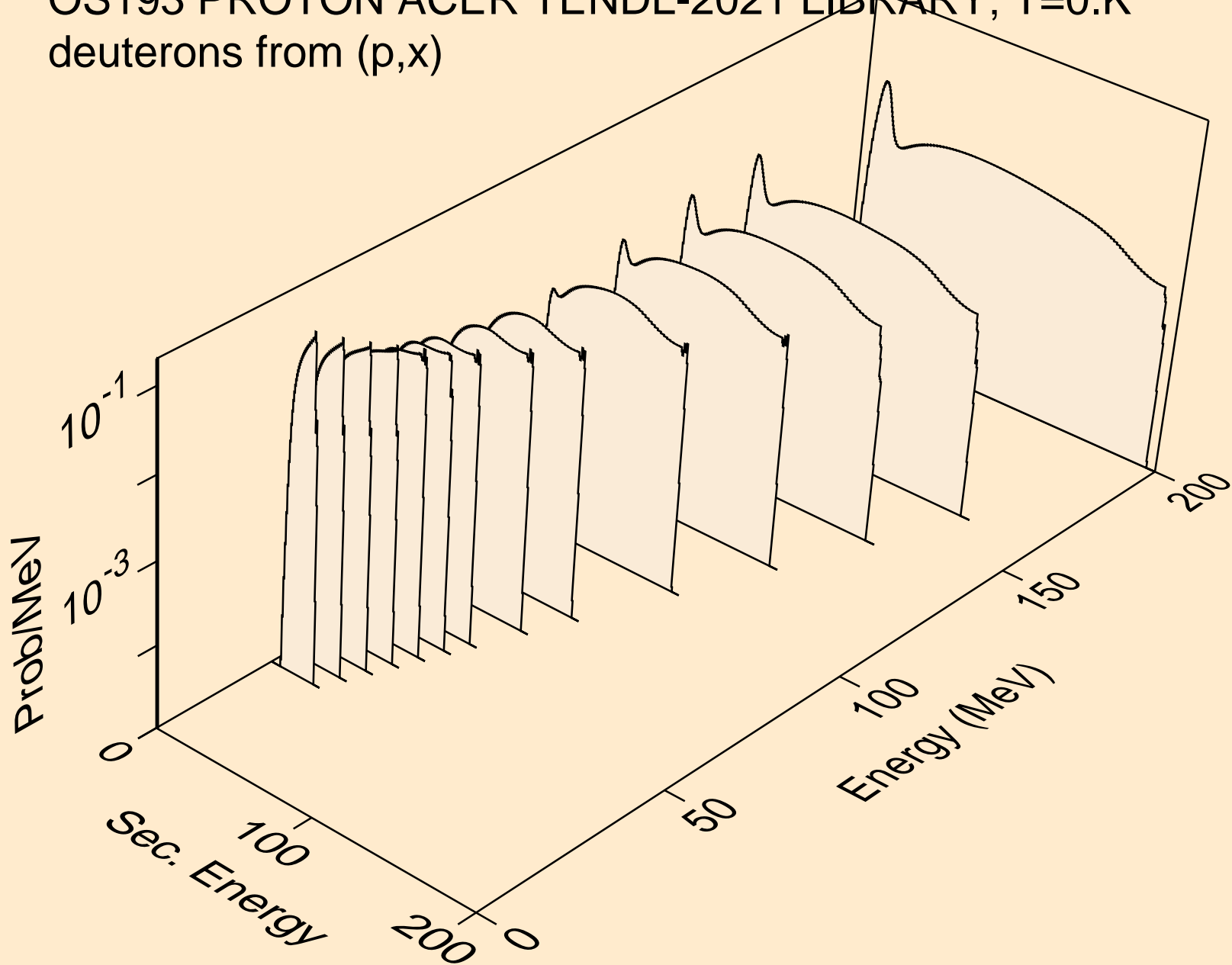
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neutrons from (p,3np)



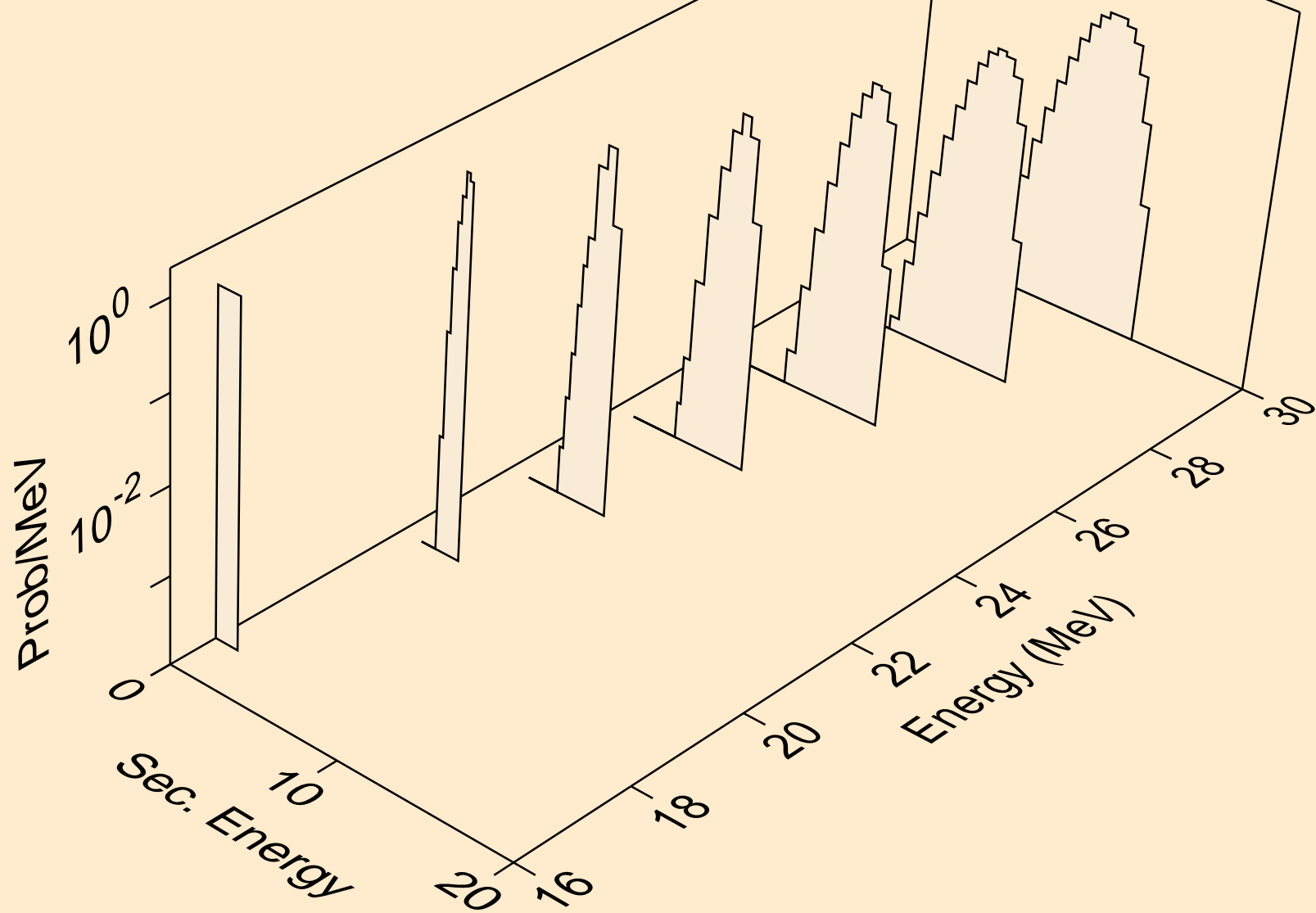
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neutrons from (p,2np)



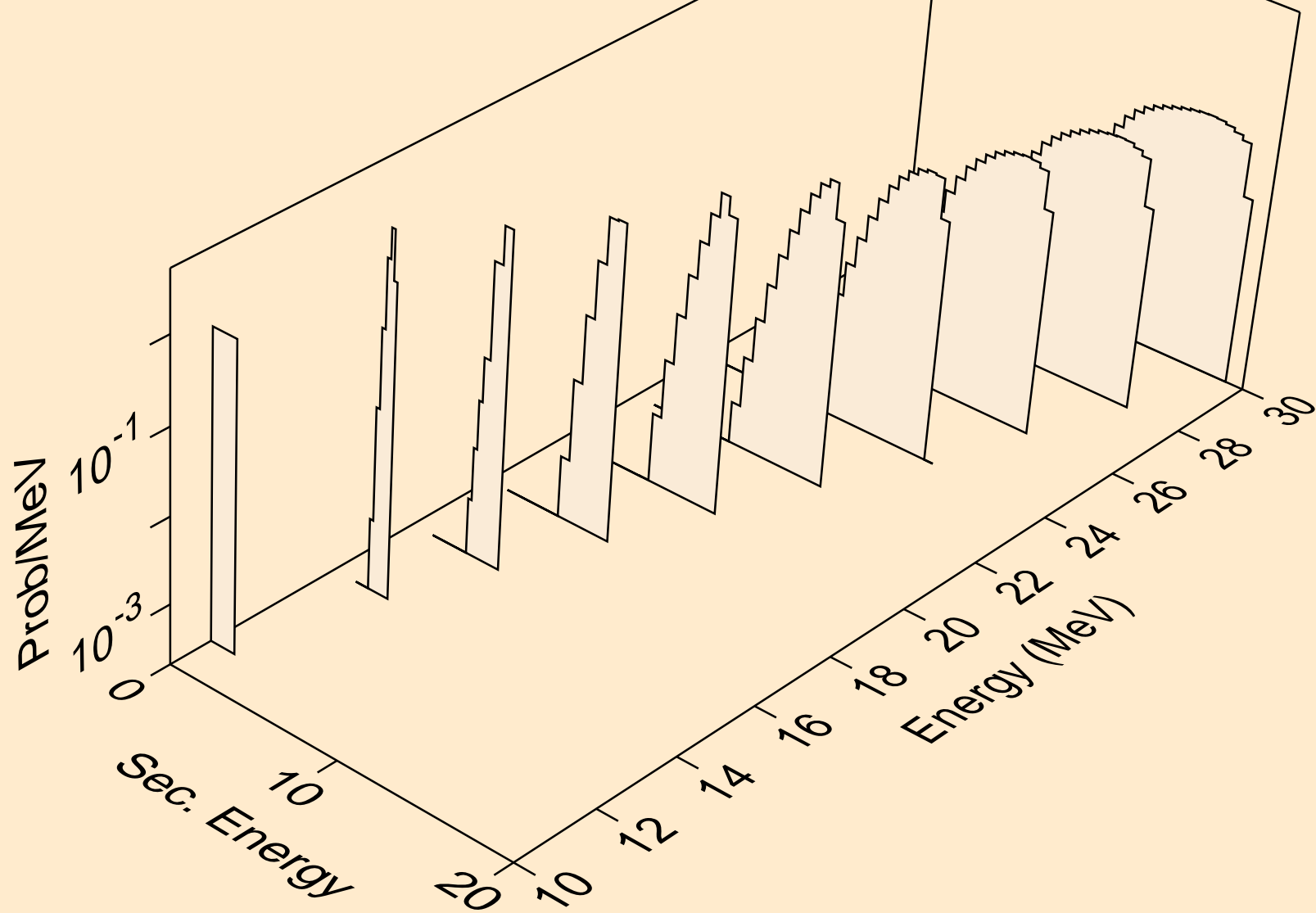
OS193 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,x)



OS193 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,2nd)

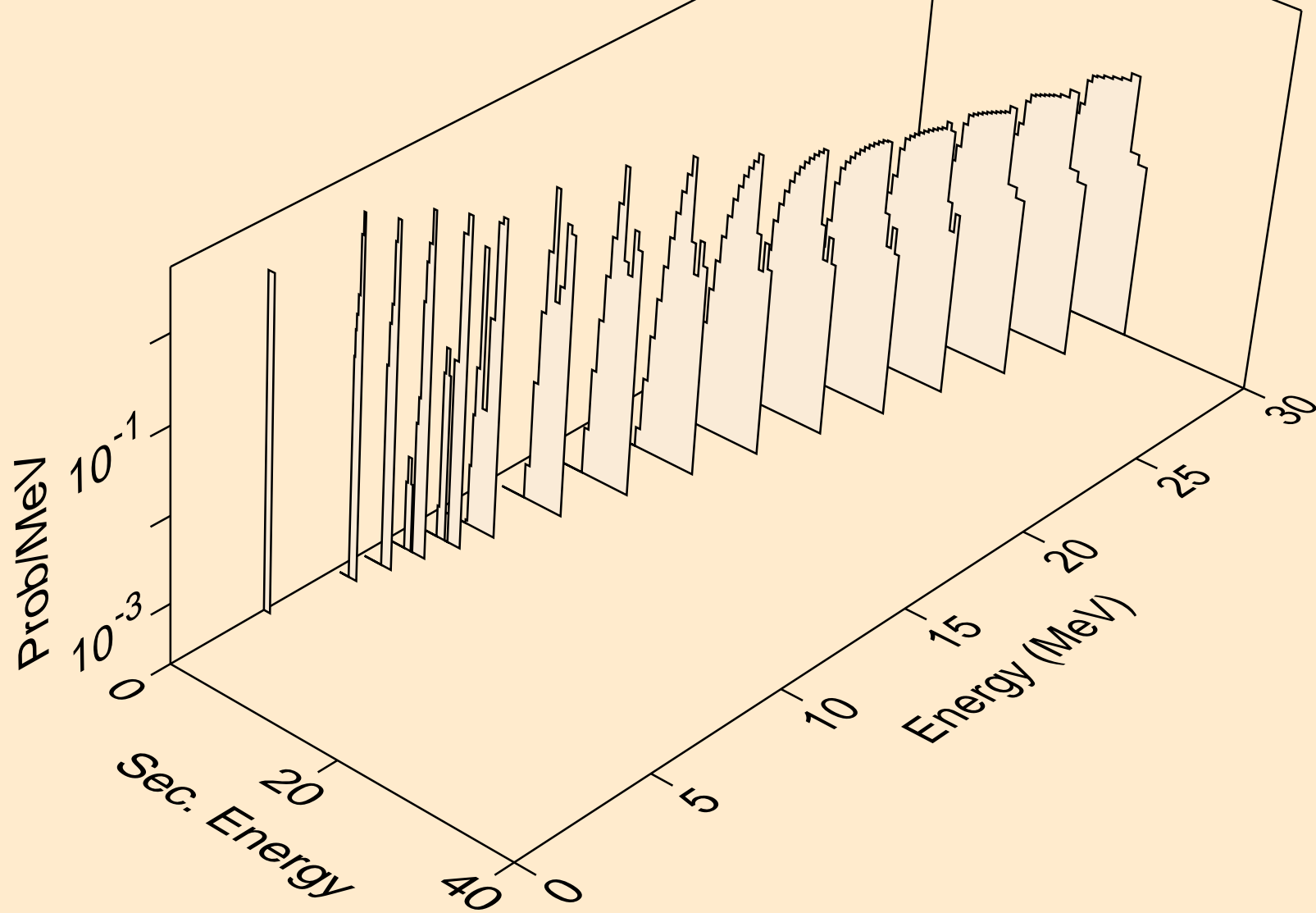


OS193 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,n\*)d

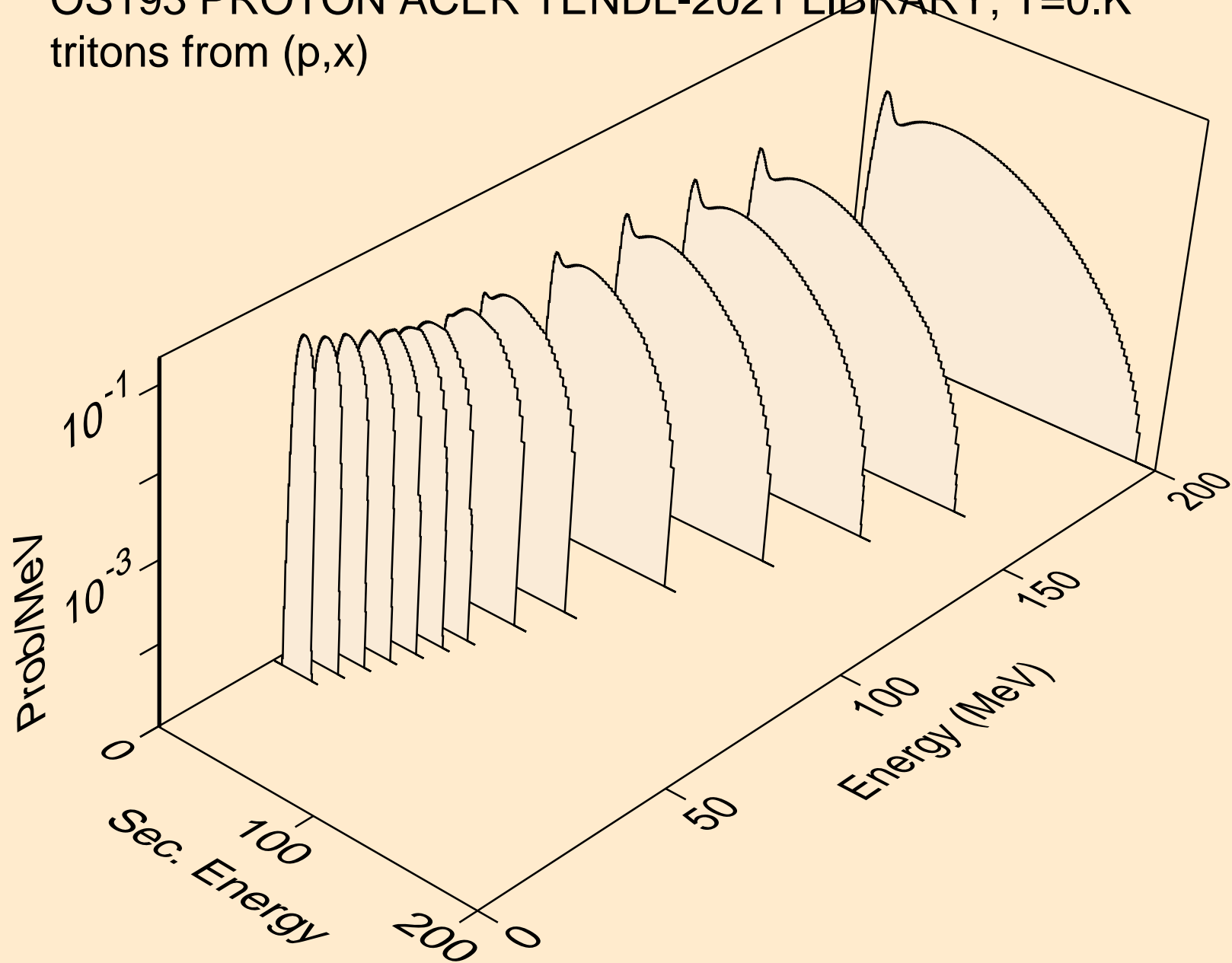




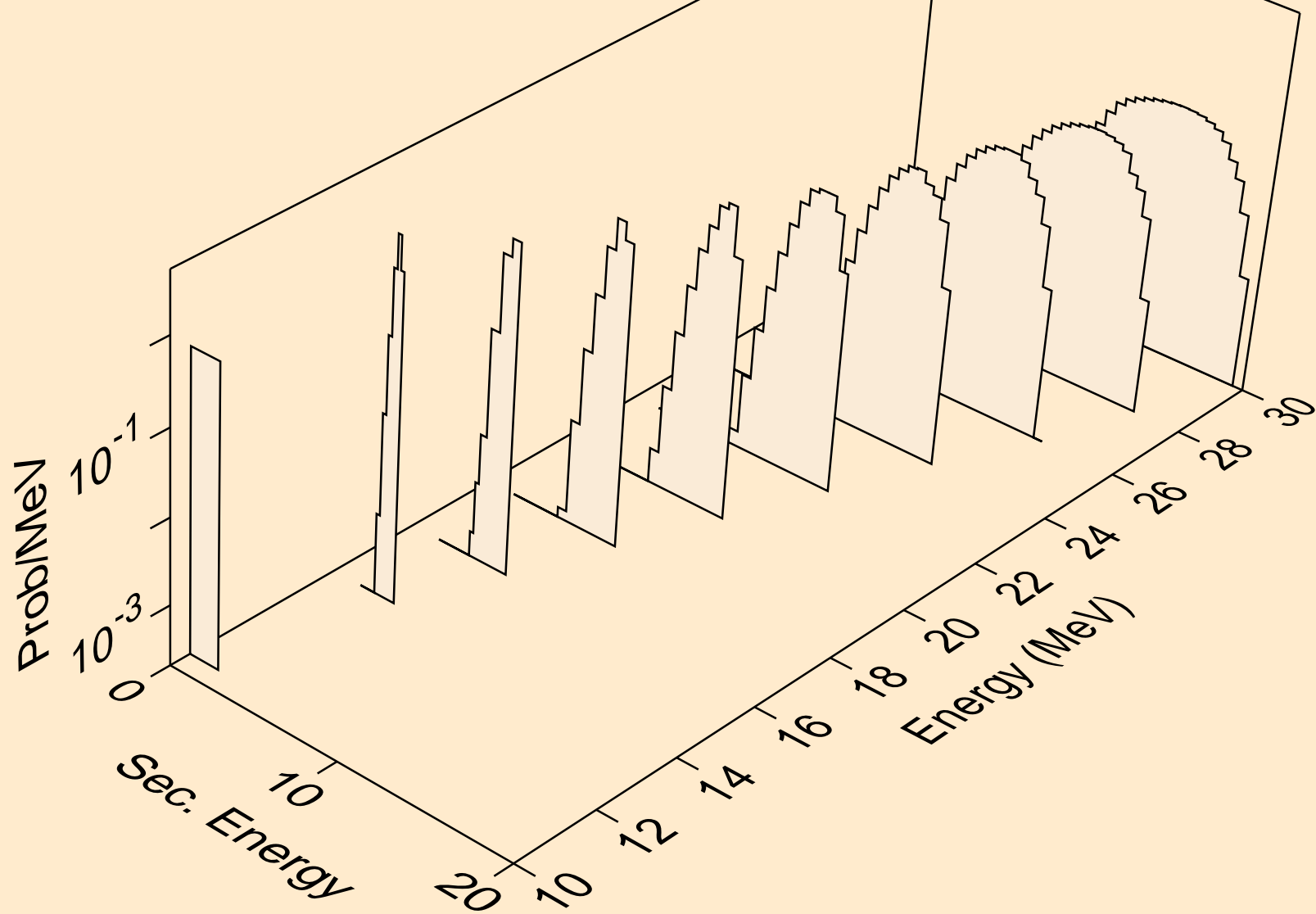
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deuterons from (p,d)



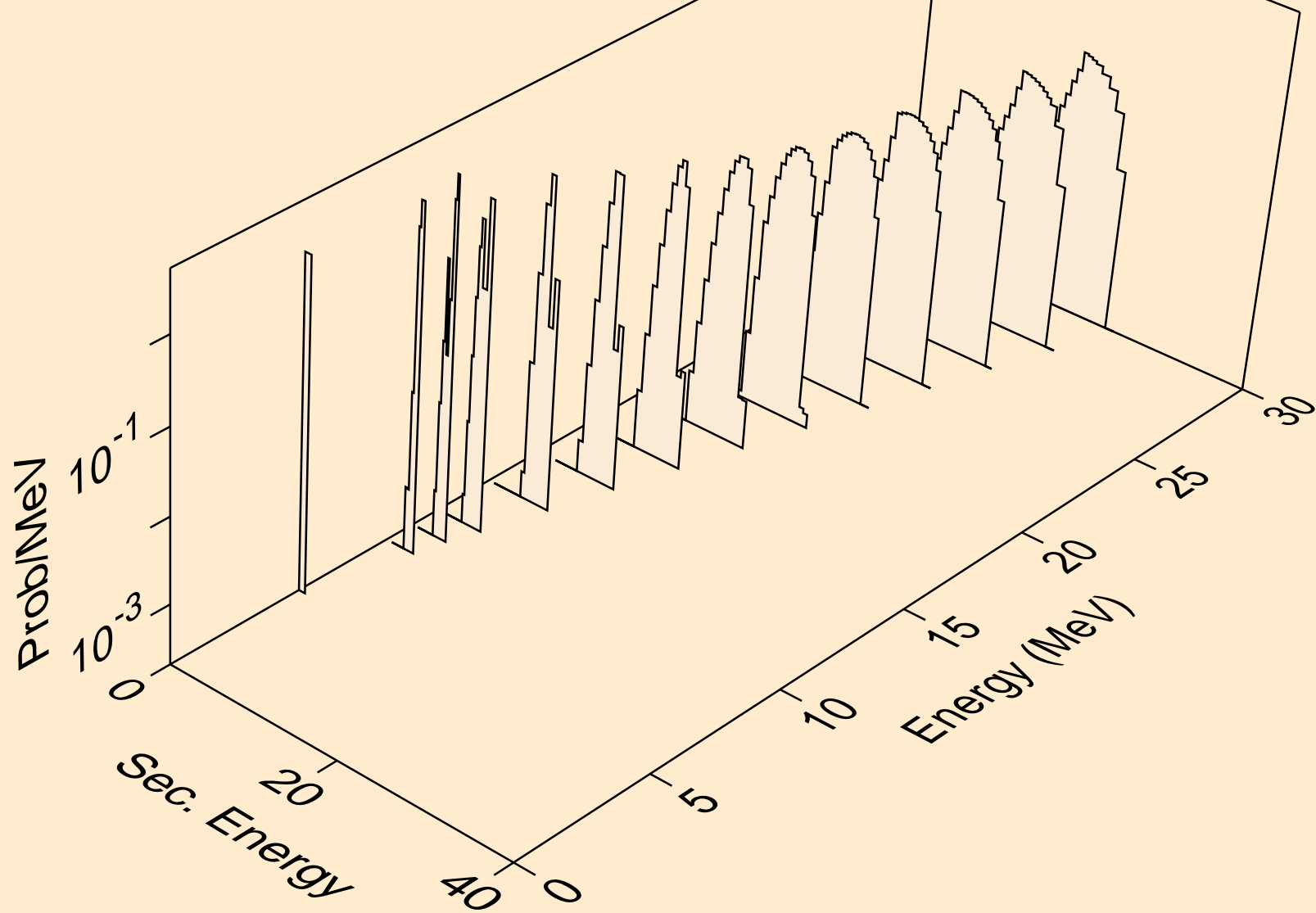
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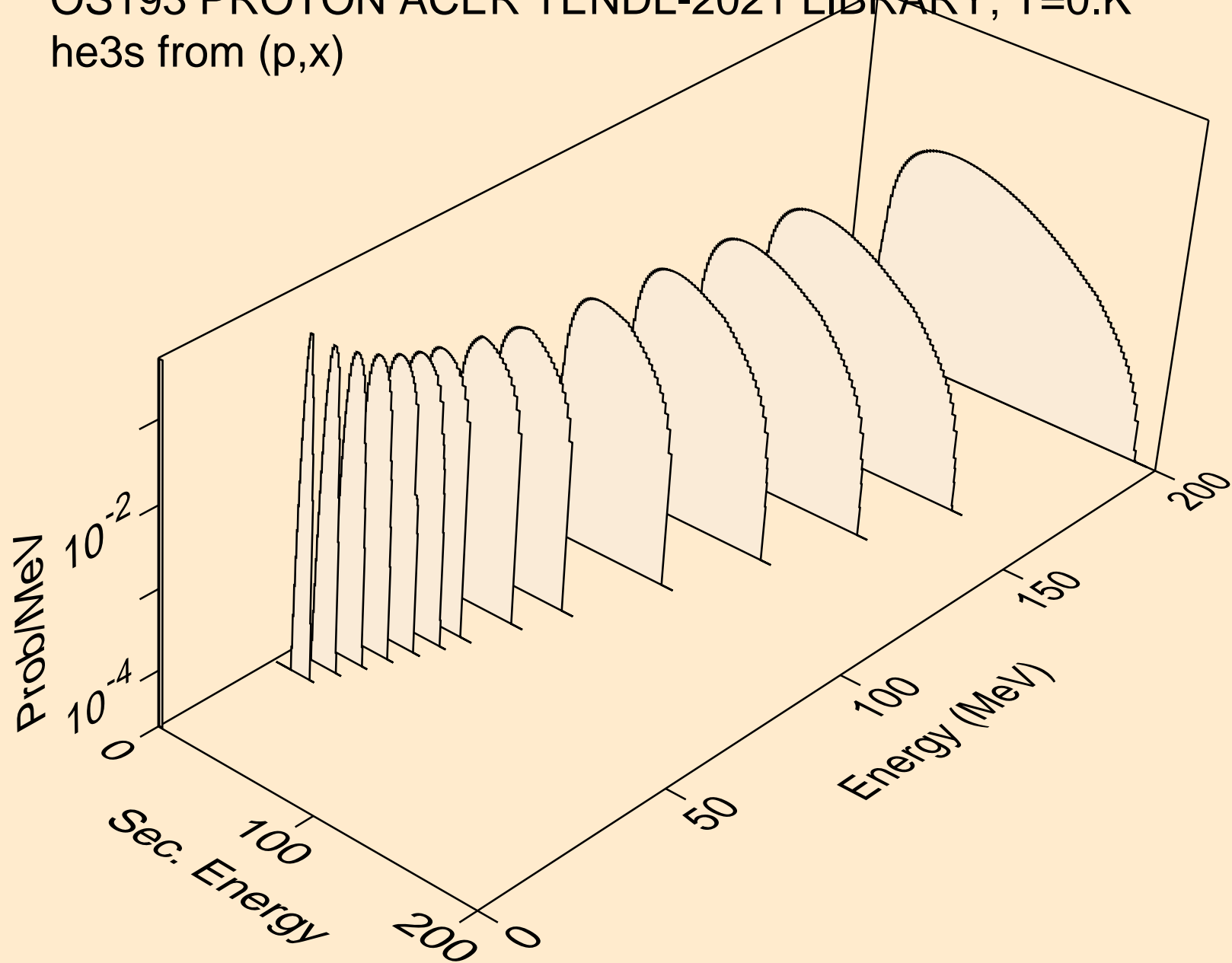
OS193 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,n\*)t



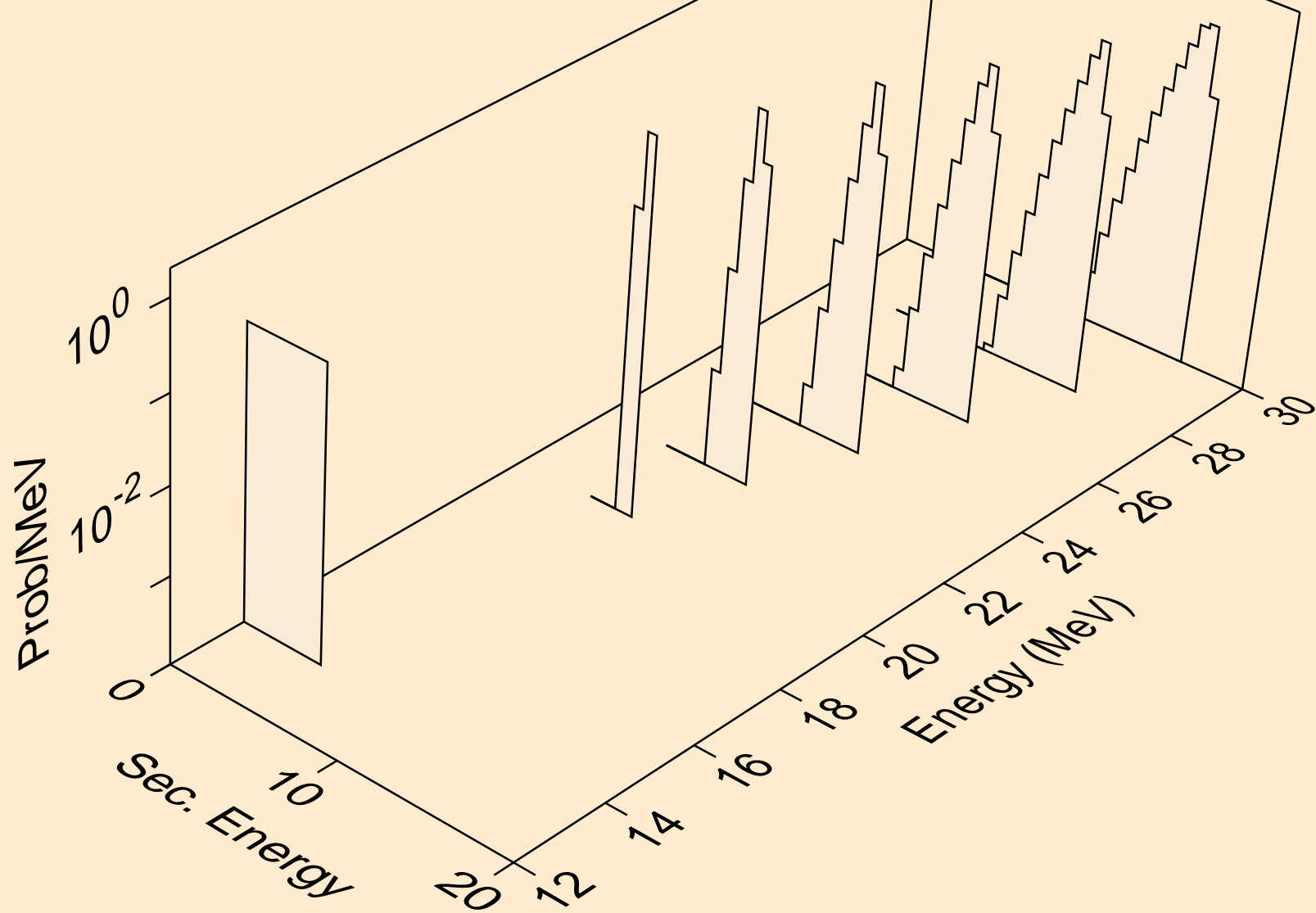
OS193 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,t)



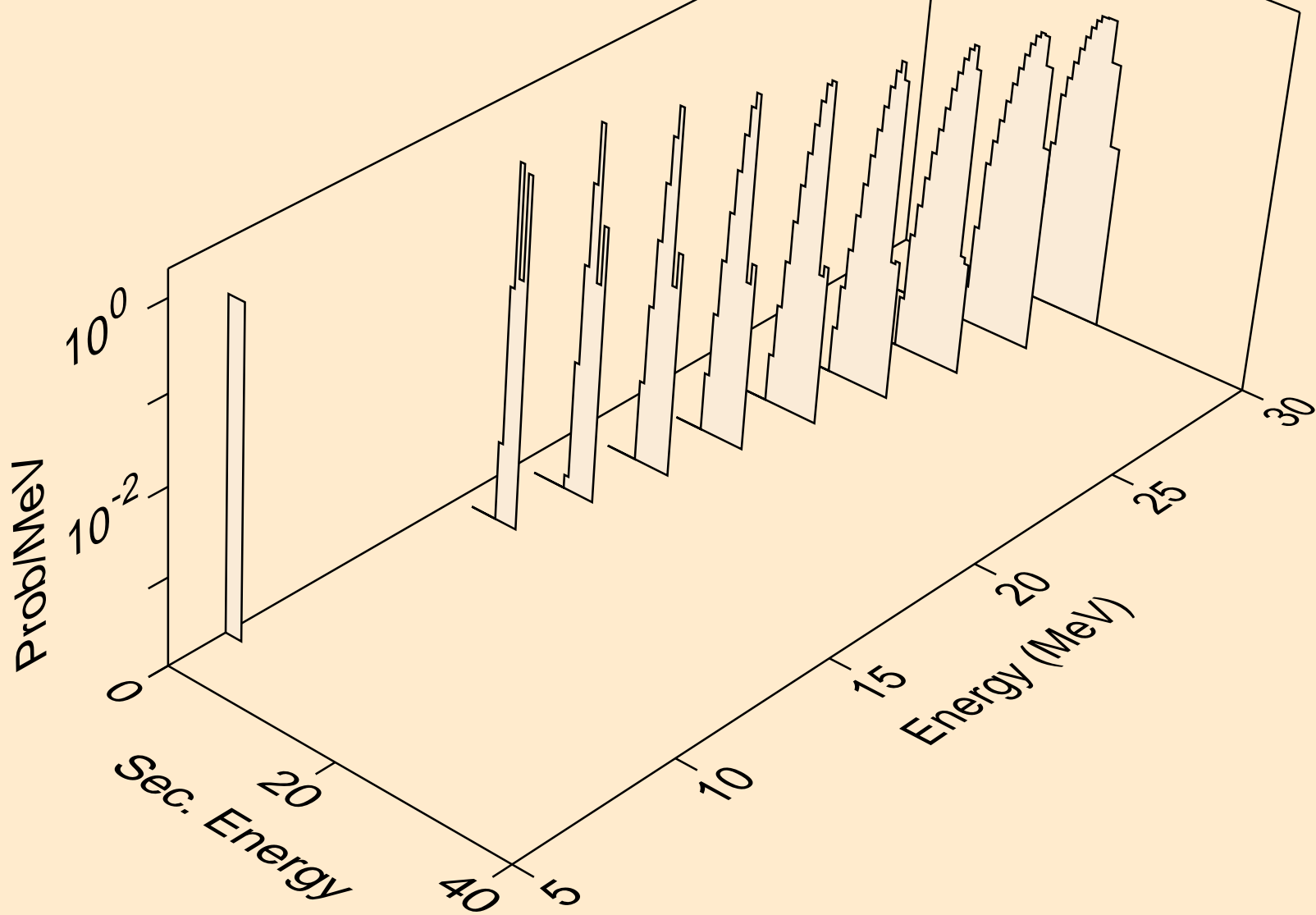
OS193 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,x)



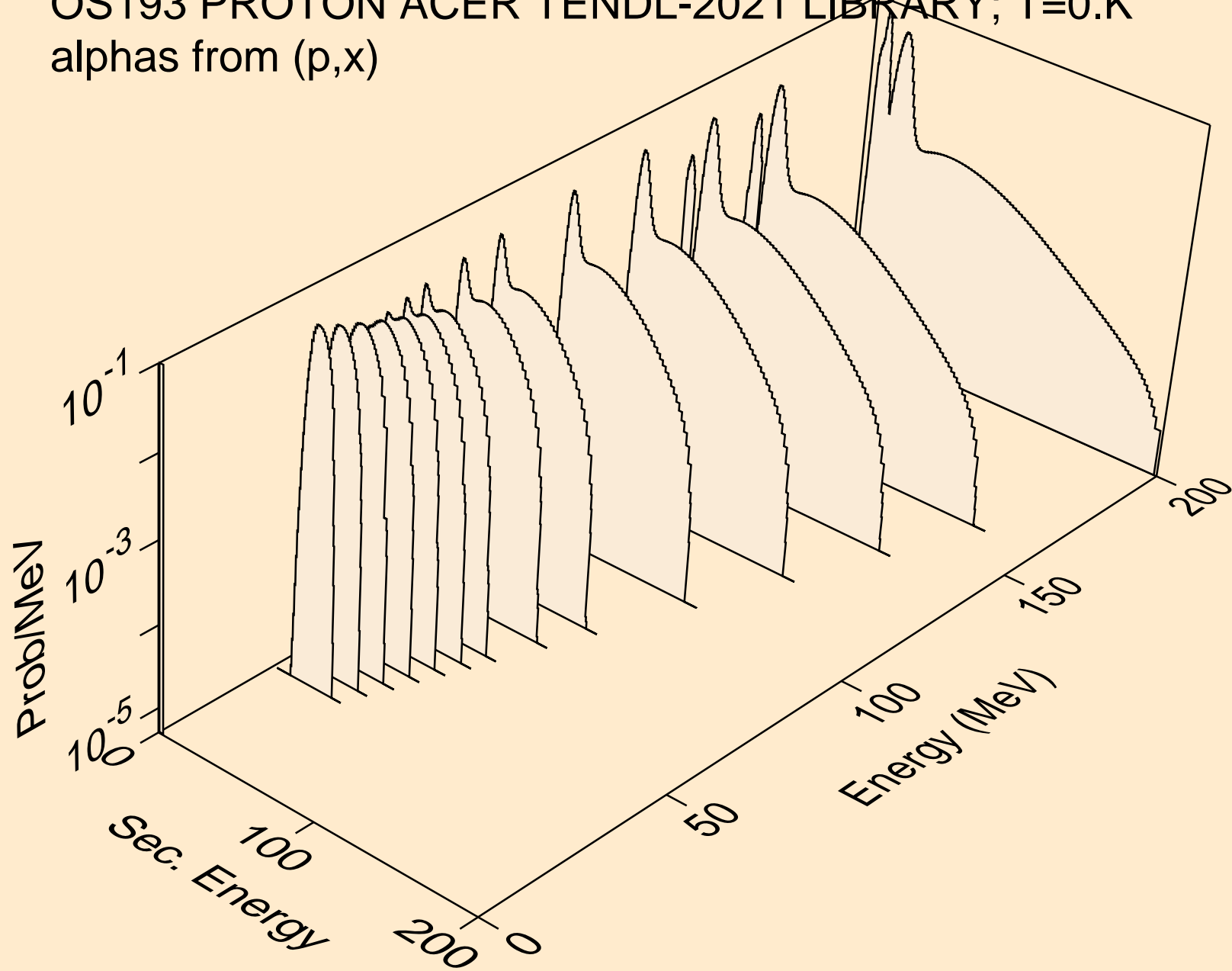
OS193 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,n\*)he3



OS193 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,he3)

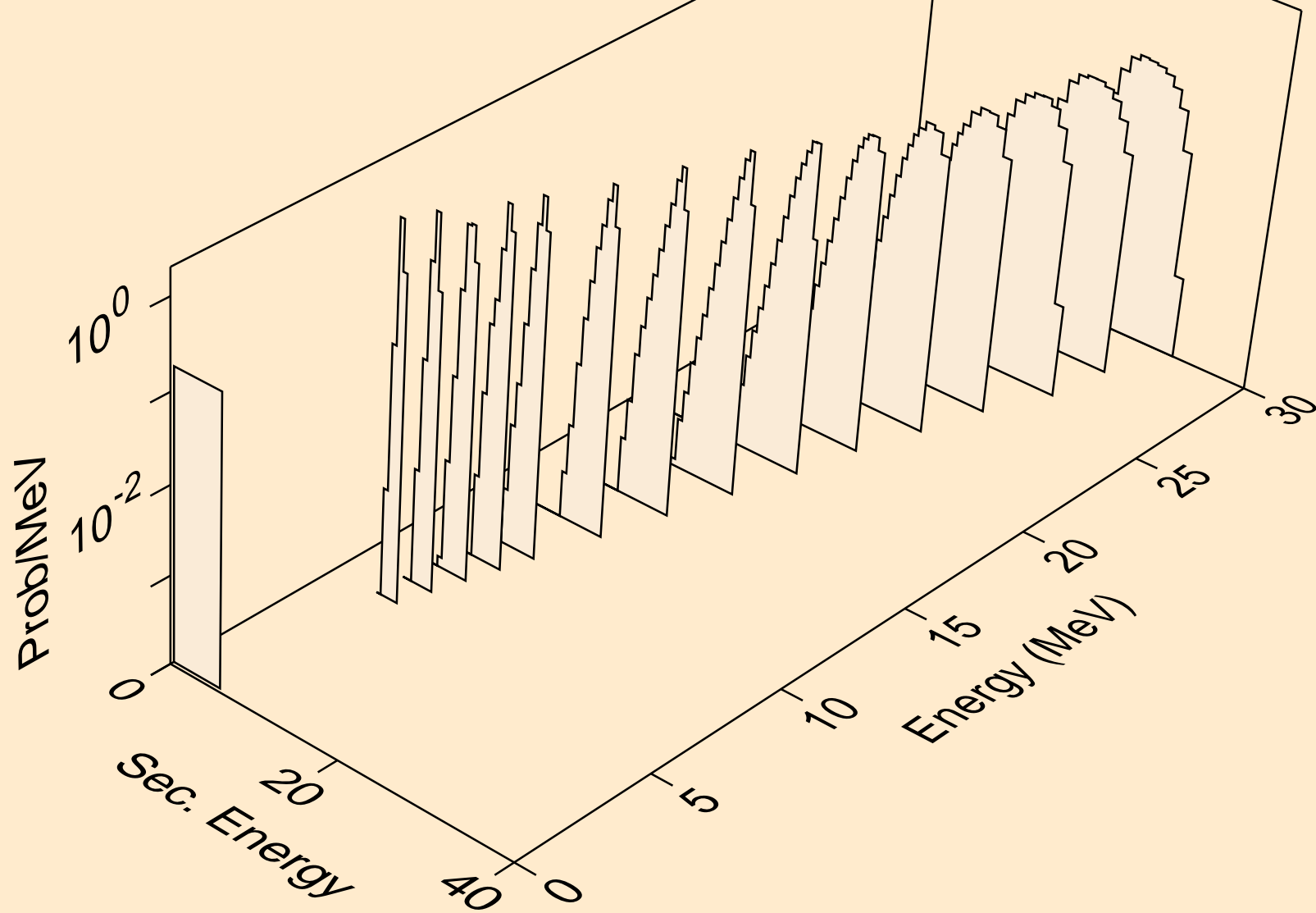


OS193 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,x)

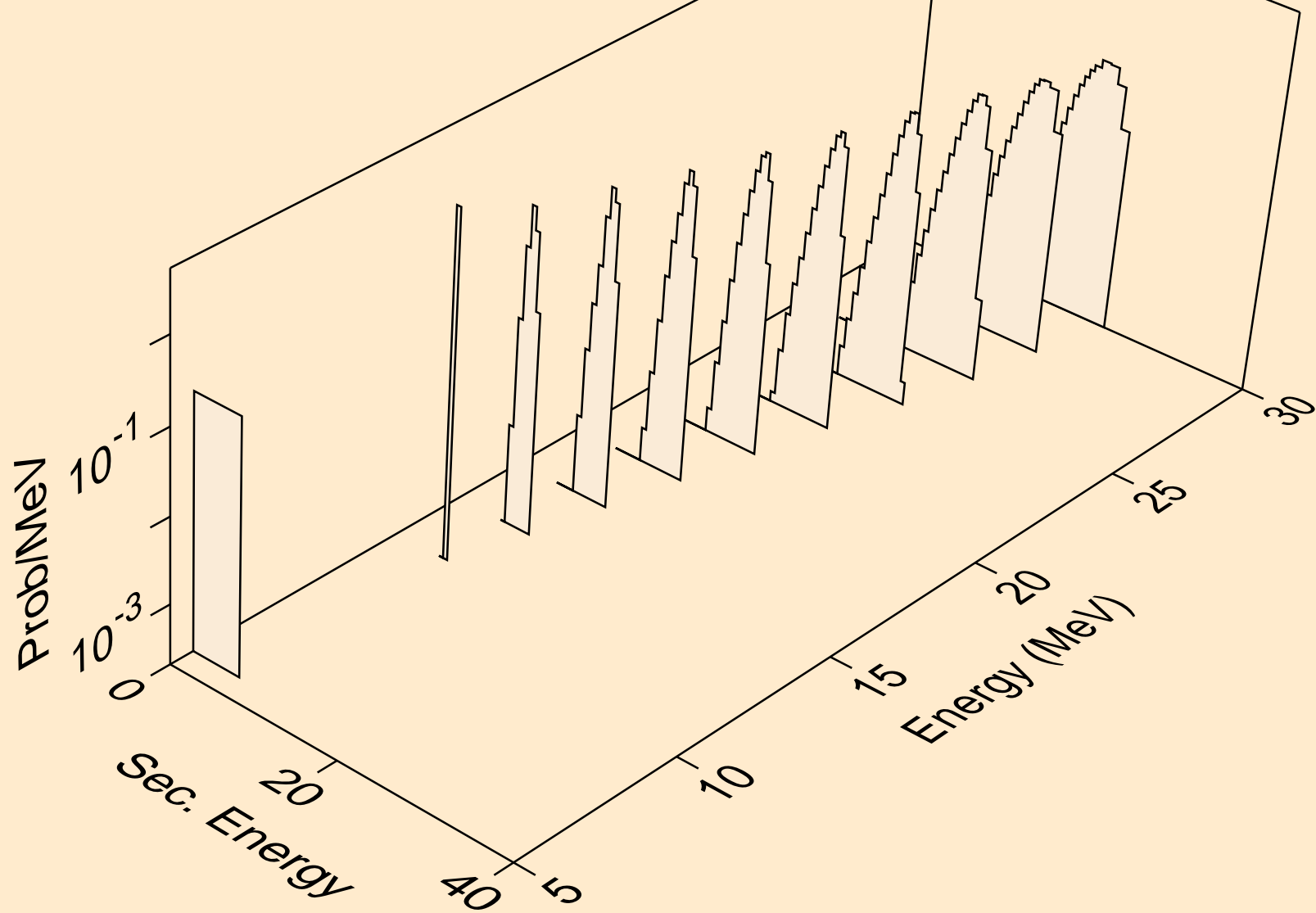




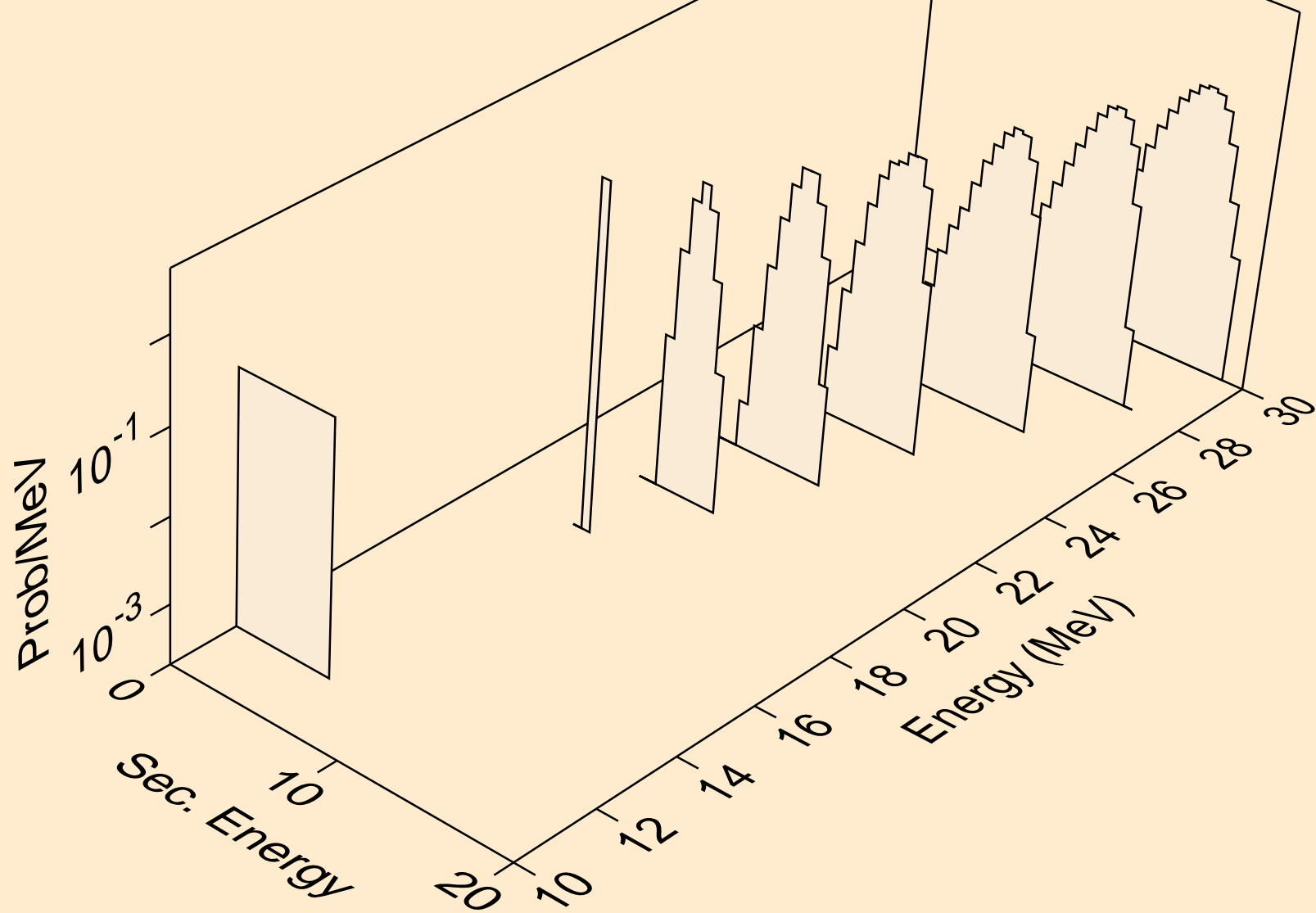
OS193 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,n\*)a



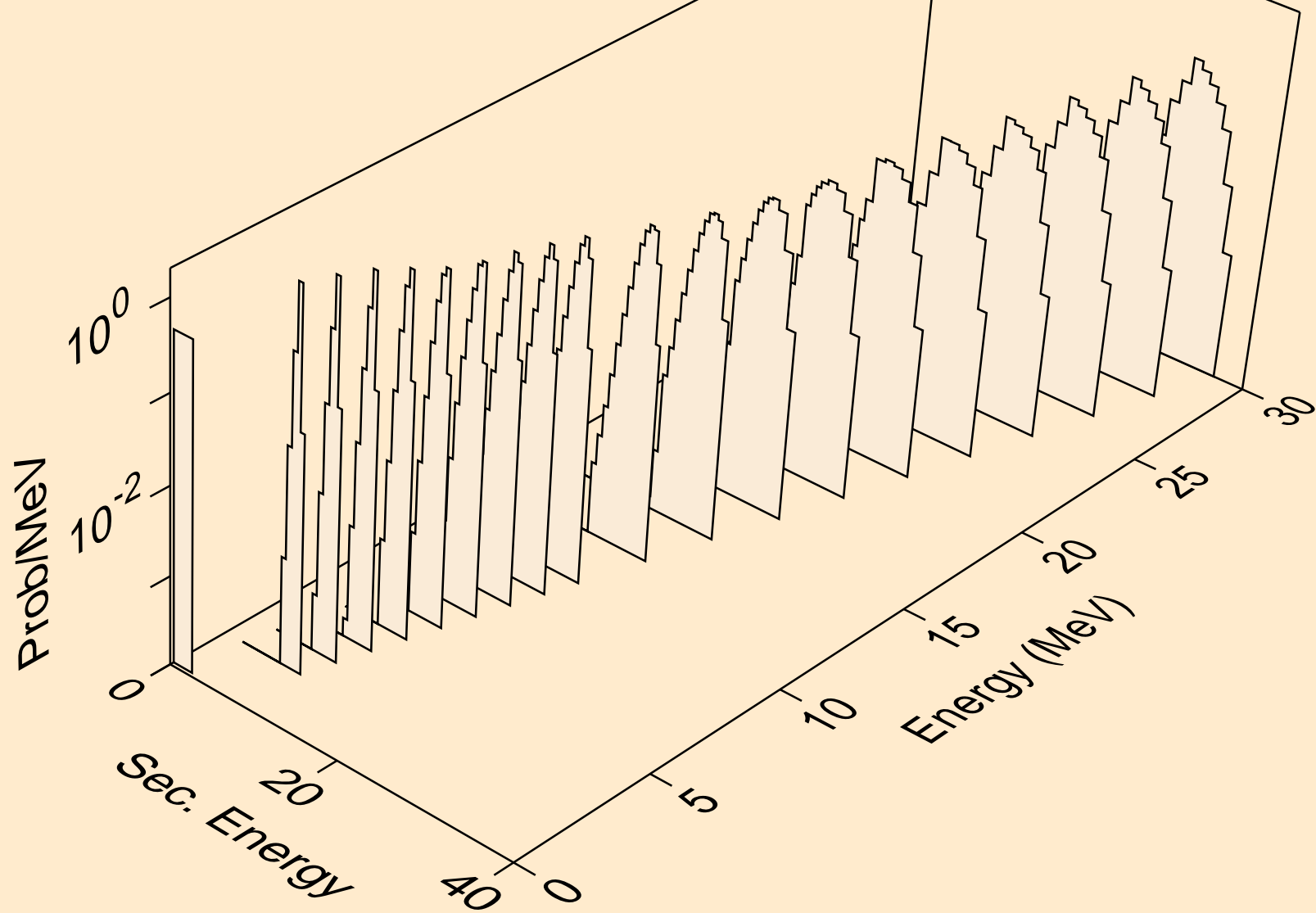
OS193 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,2n)a



OS193 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,3n)a



OS193 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,a)



OS193 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,pa)

