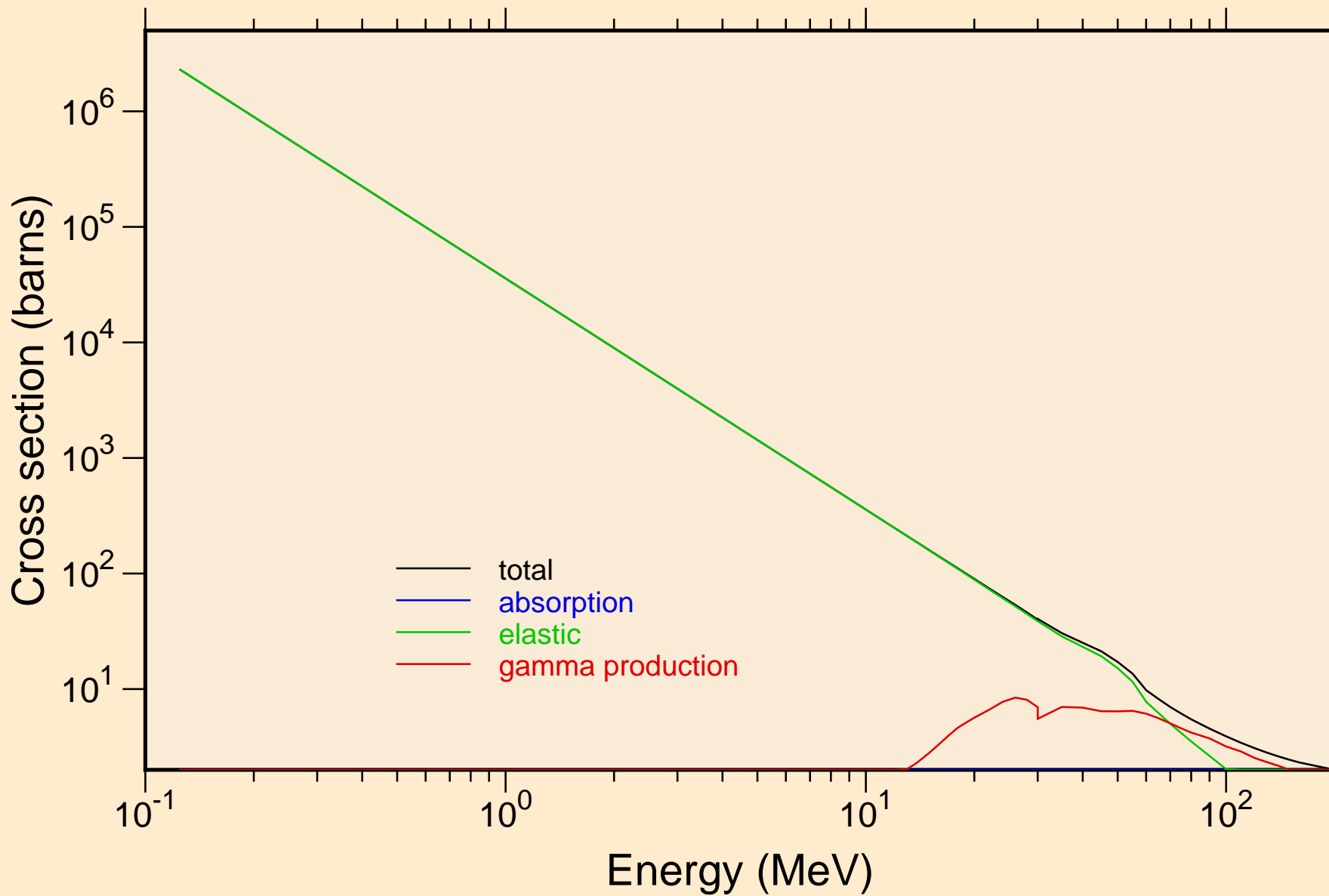
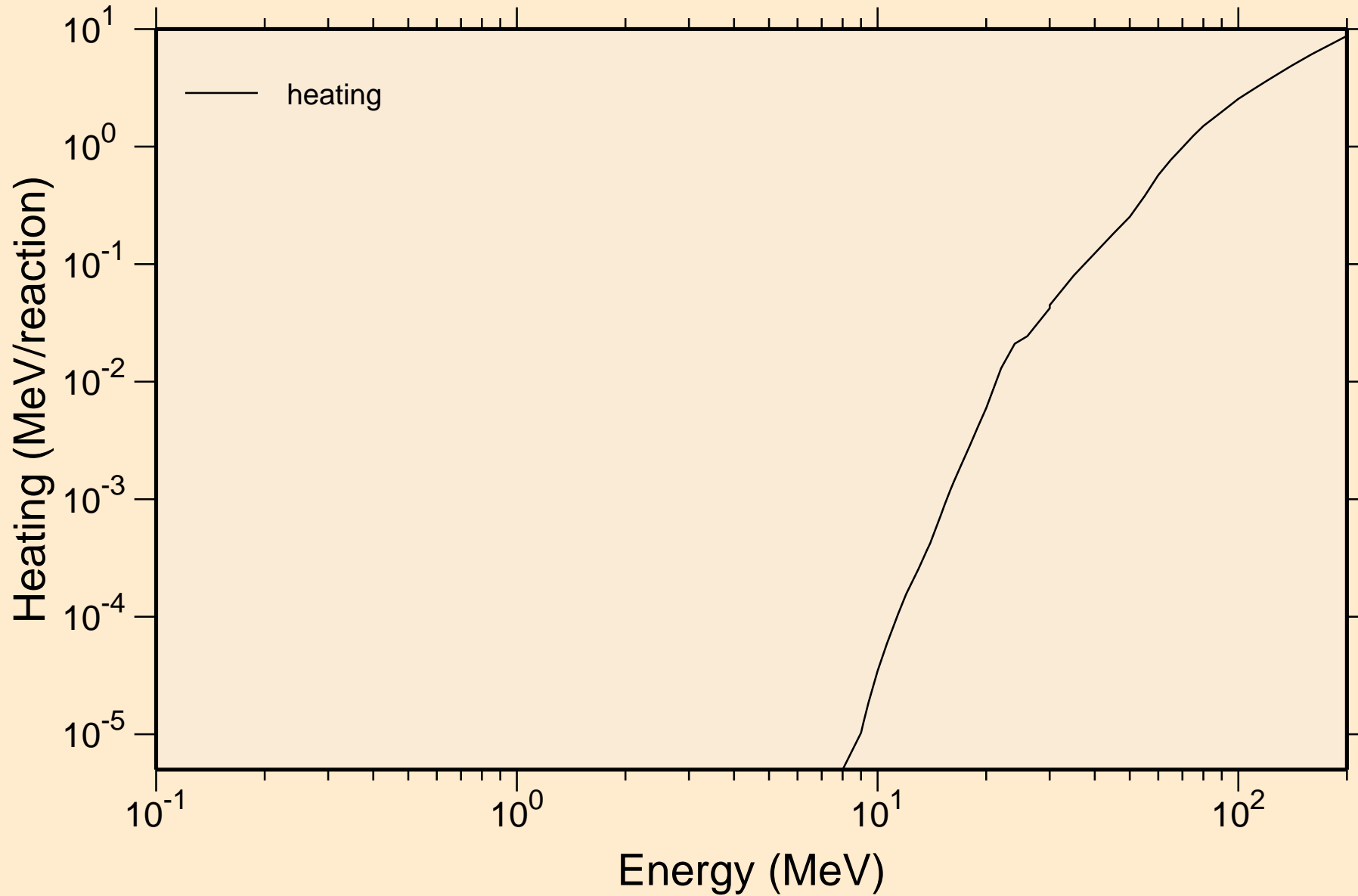


OS199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



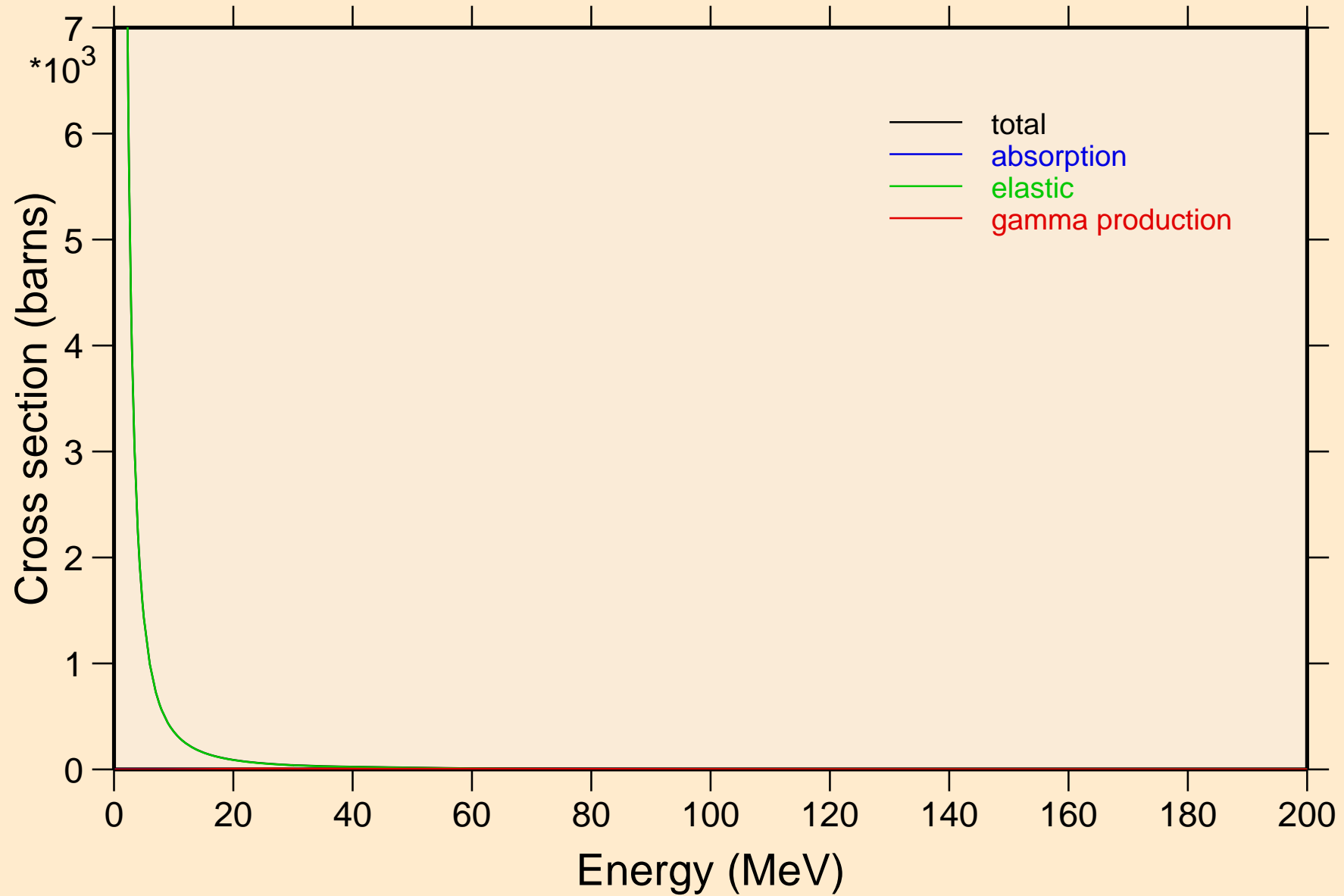
# OS199 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Heating



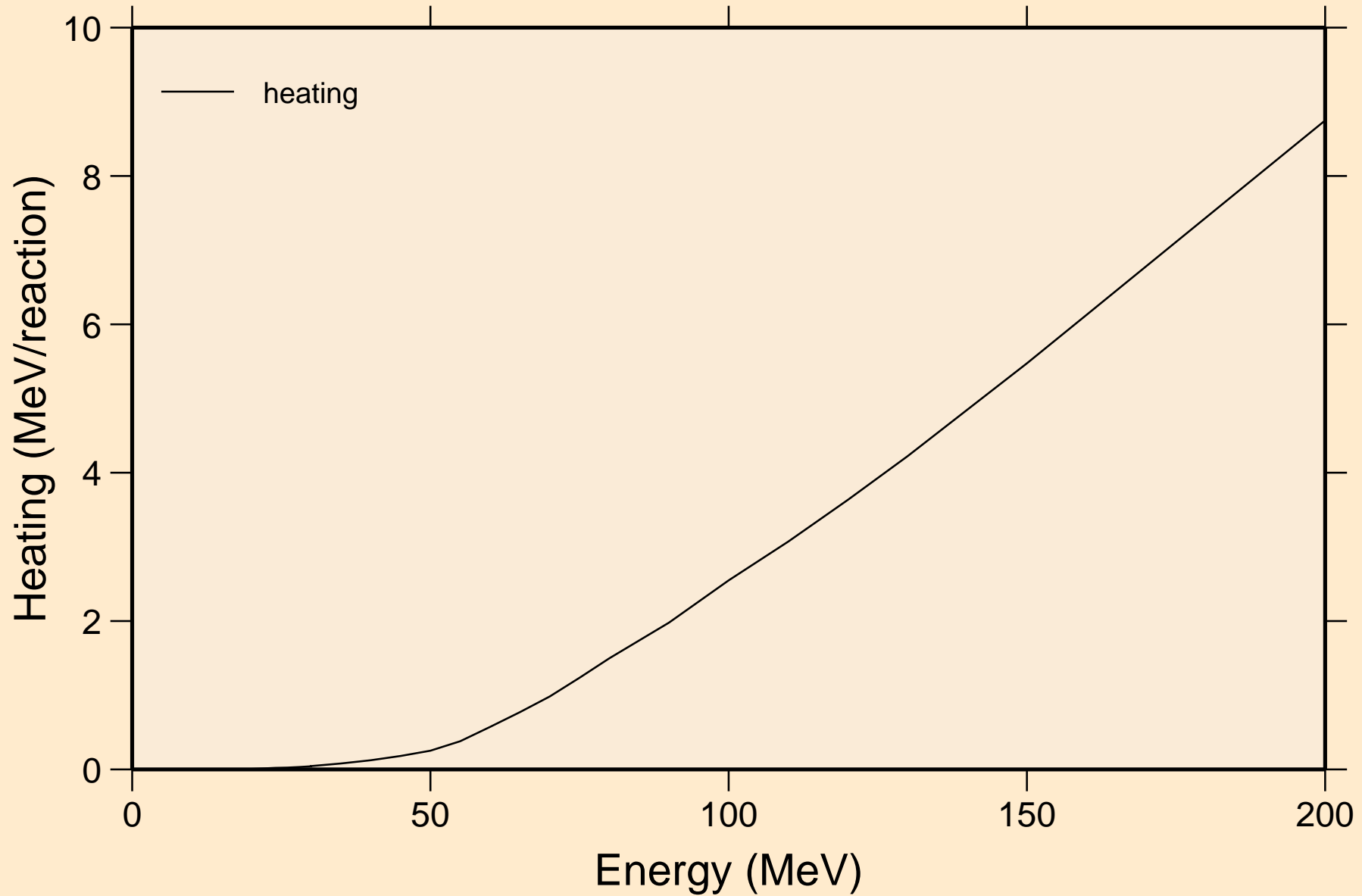
# OS199 PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



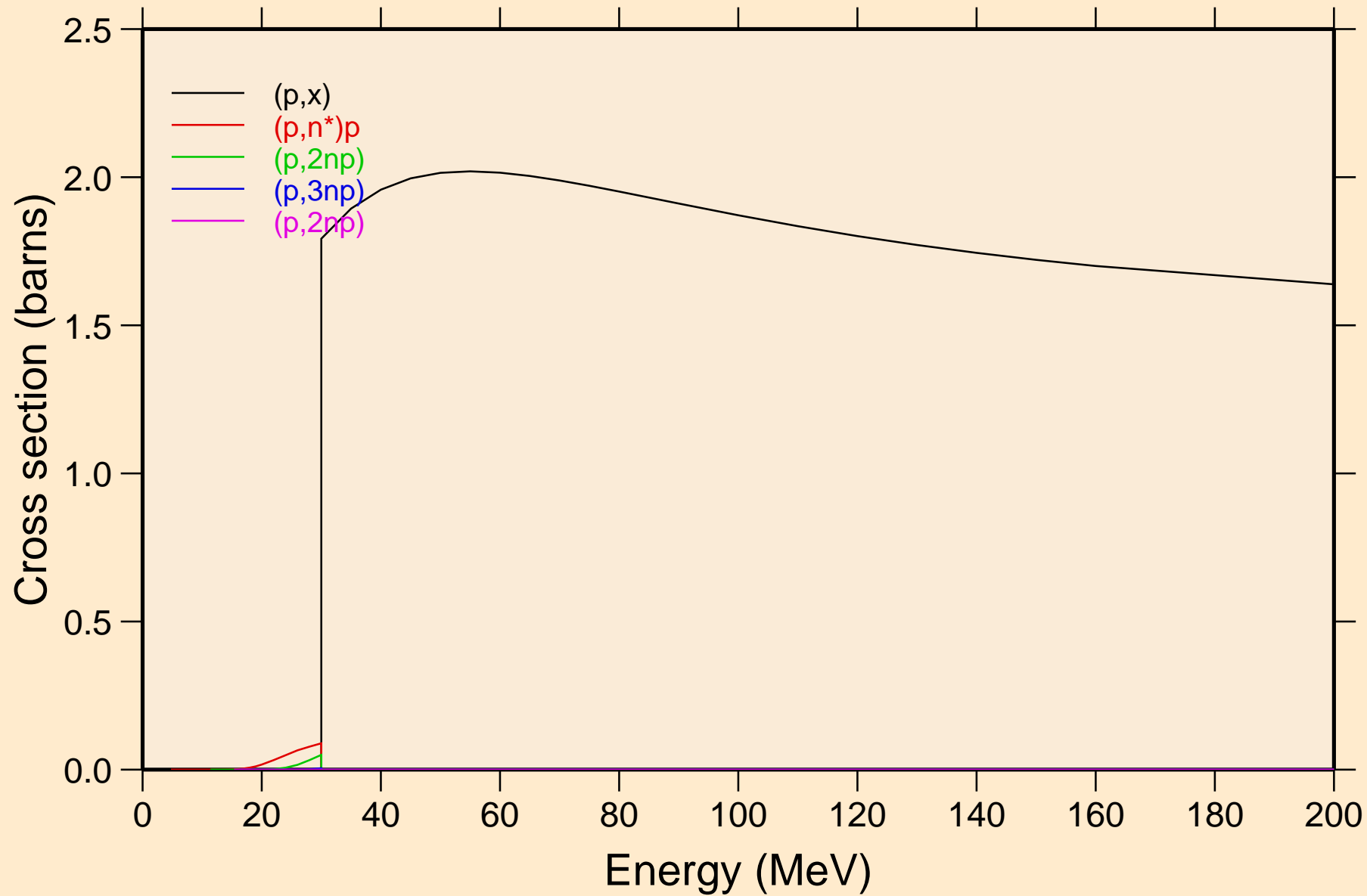
OS199 PROTON ACER TENDL-2021 LIBRARY; T=0.K

Heating



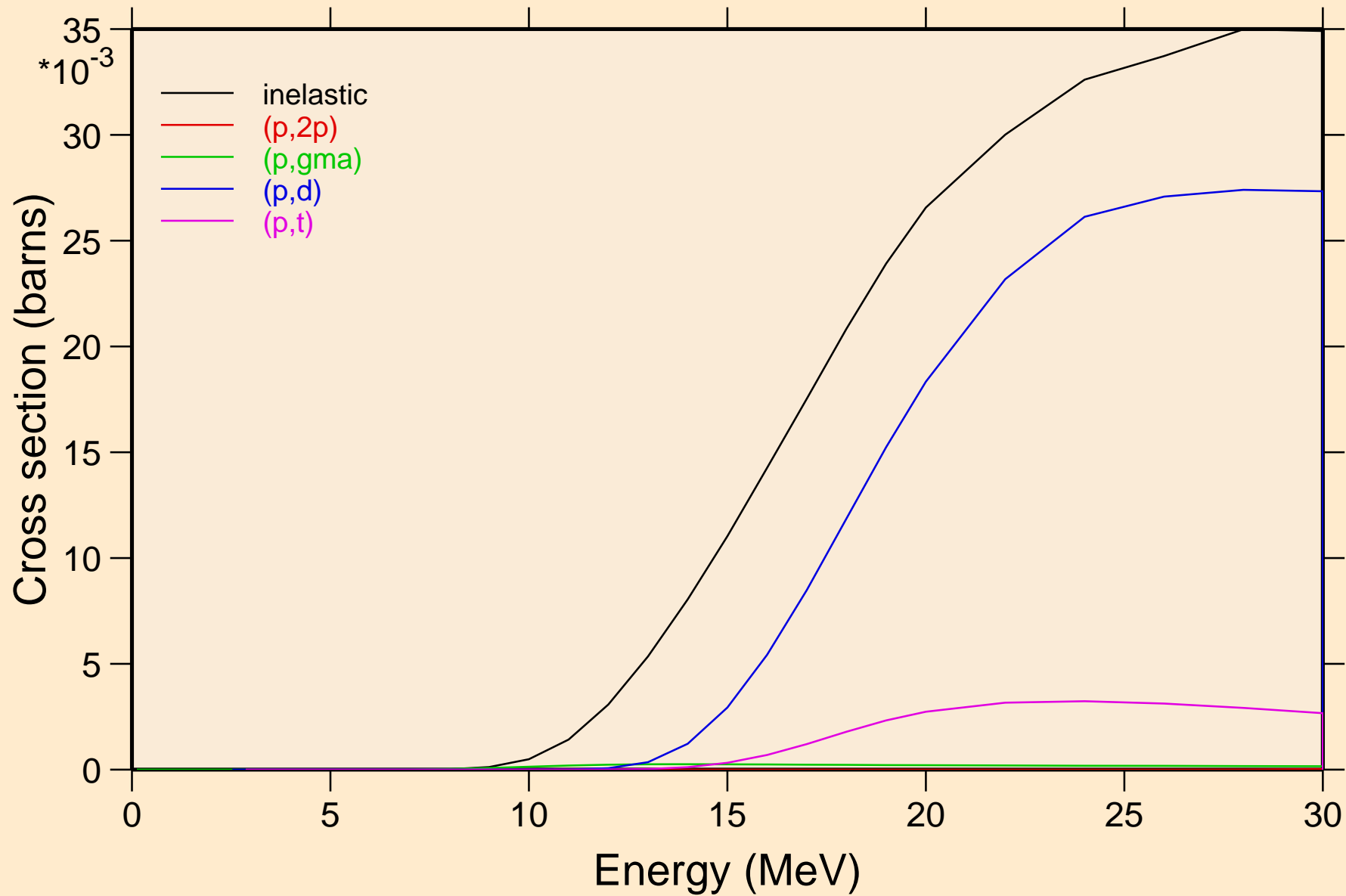
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## Threshold reactions

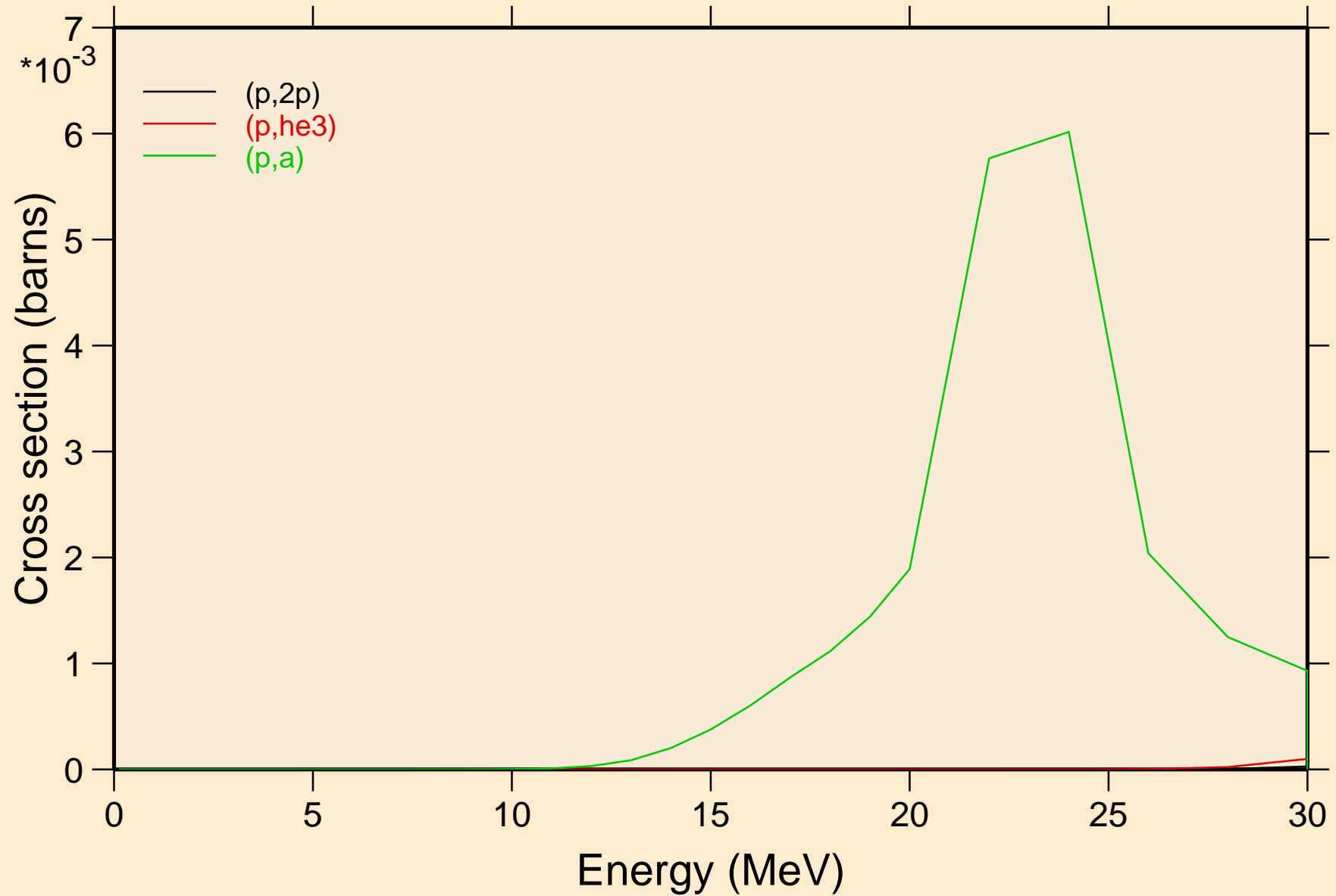


# OS199 PROTON ACER TENDL-2021 LIBRARY; T=0.K

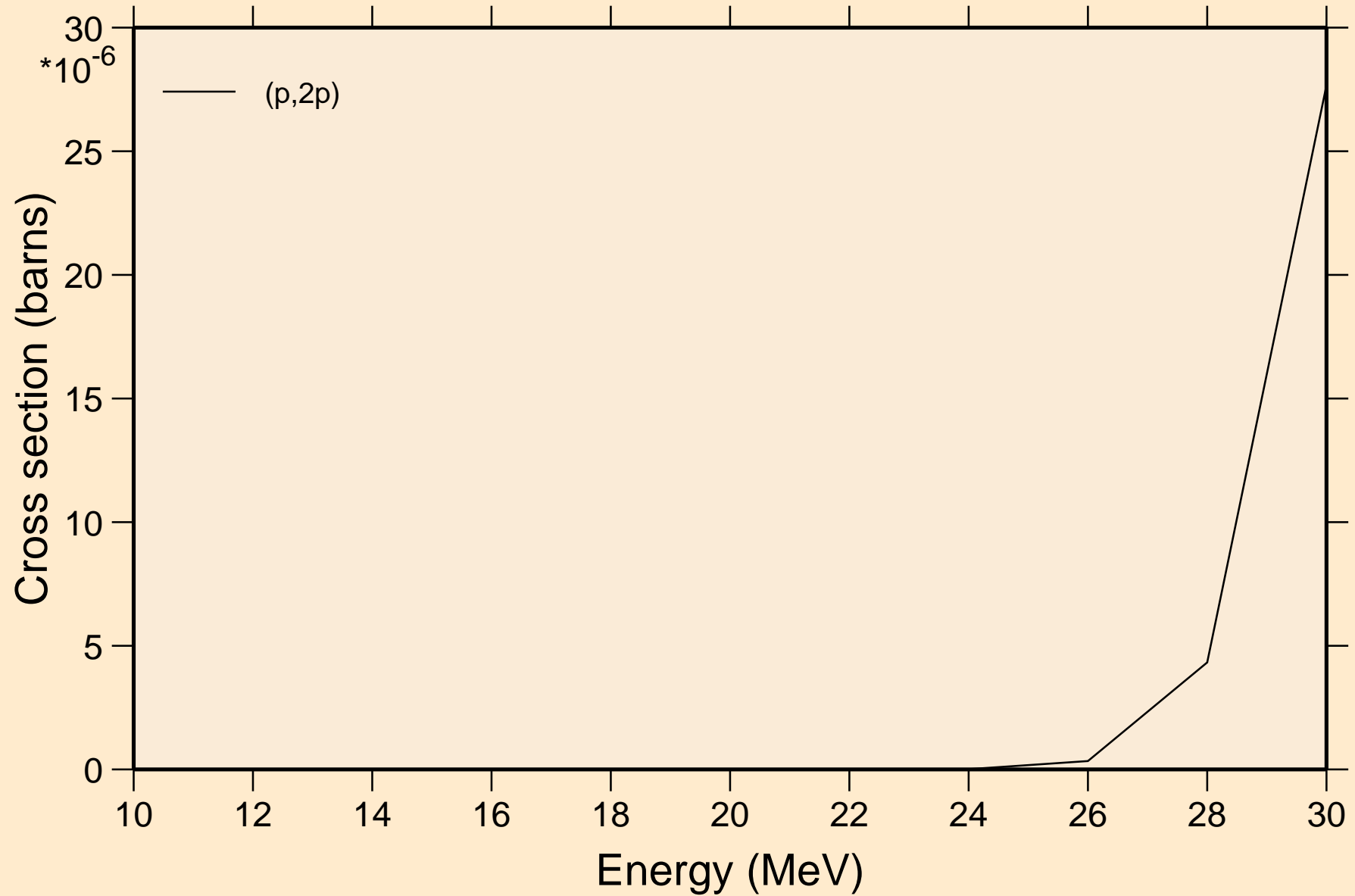
## Threshold reactions



OS199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

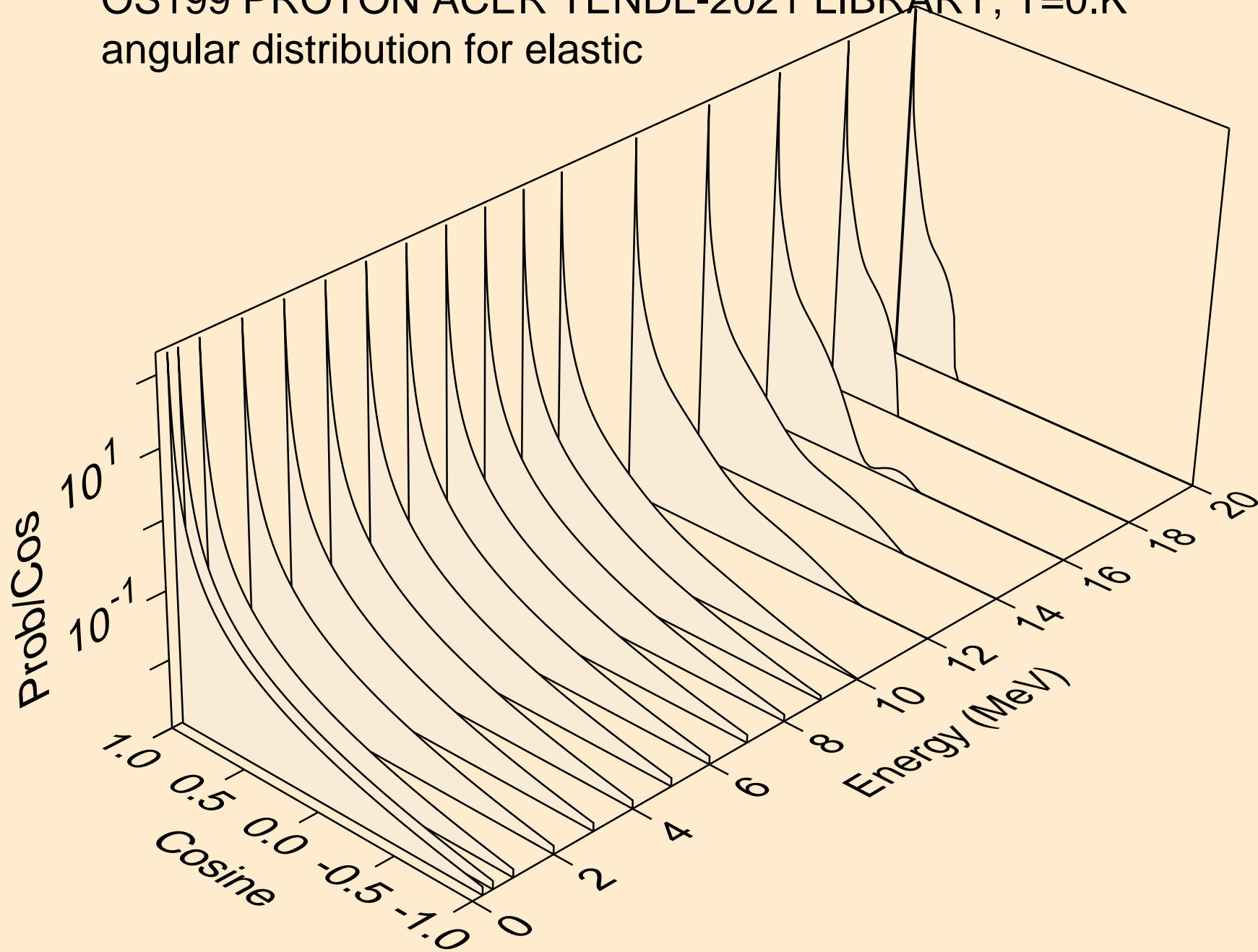


OS199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

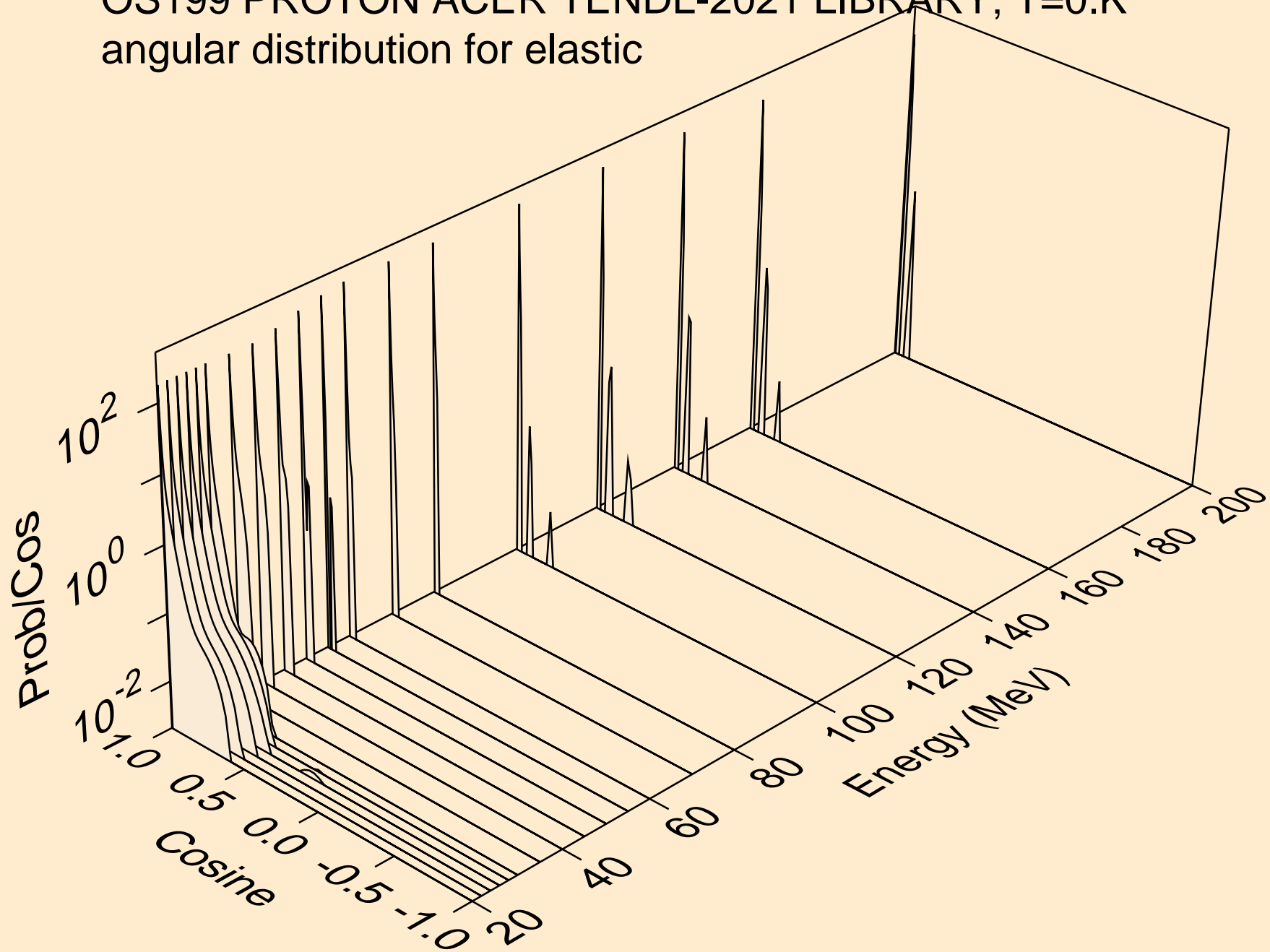




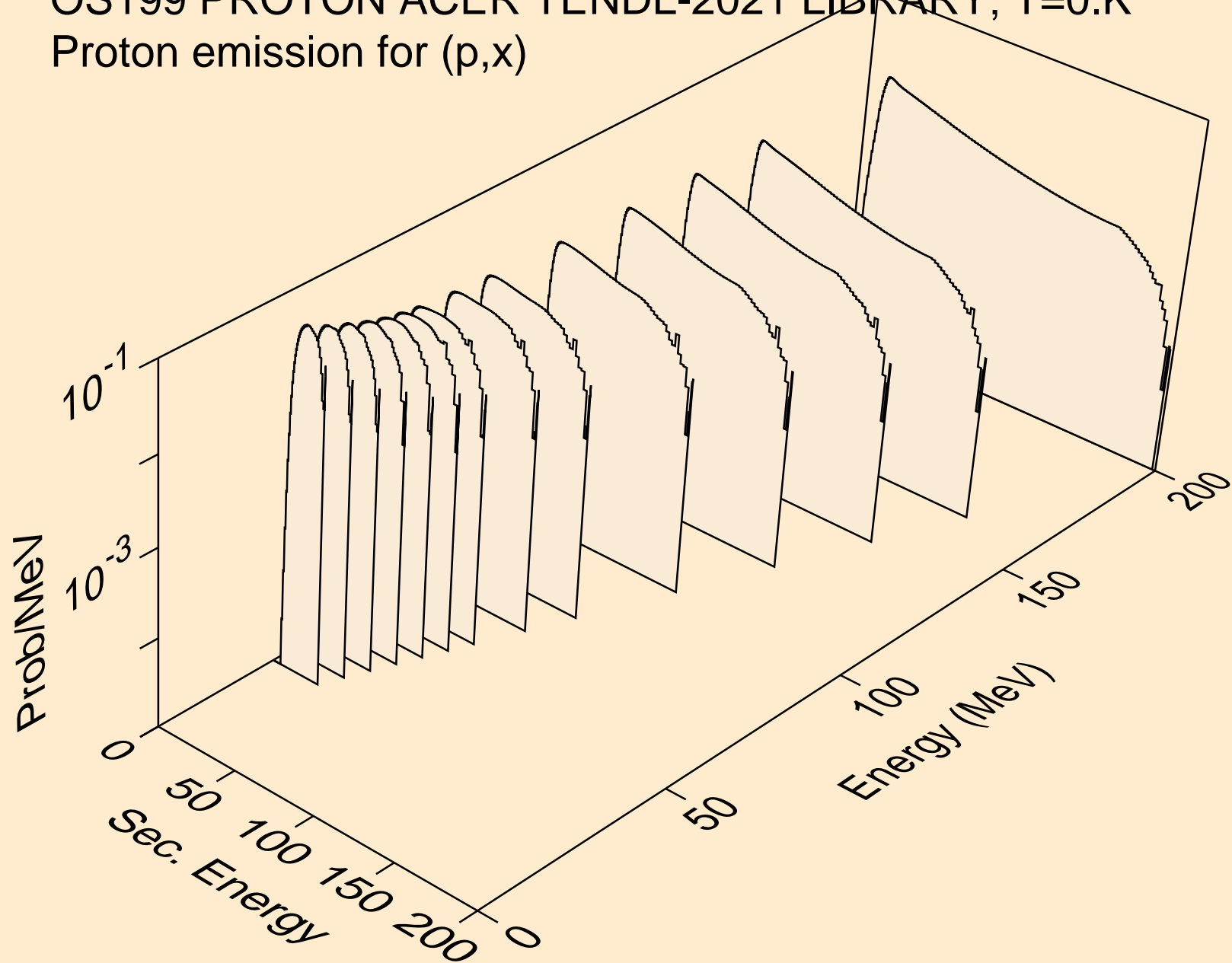
OS199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



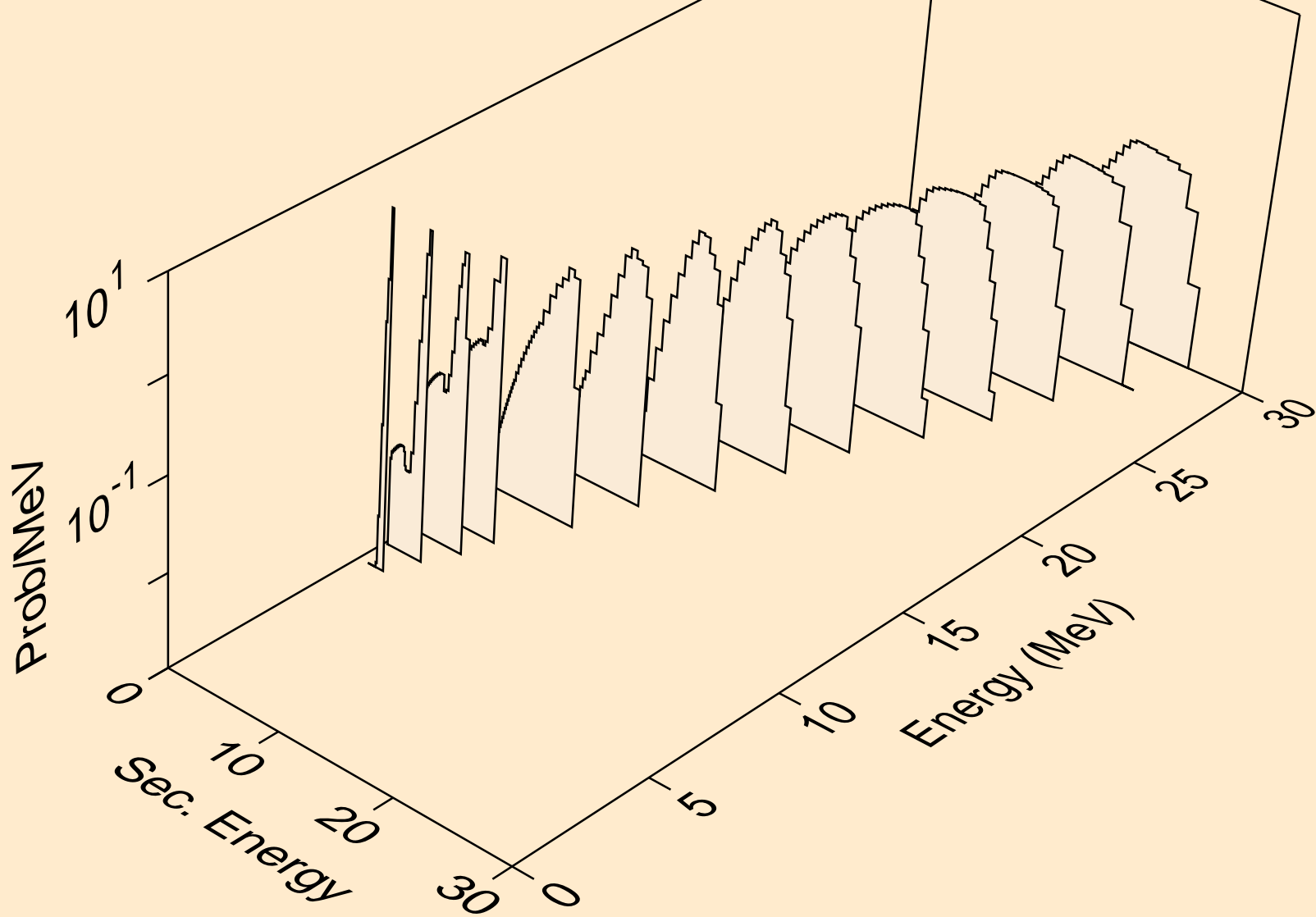
OS199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



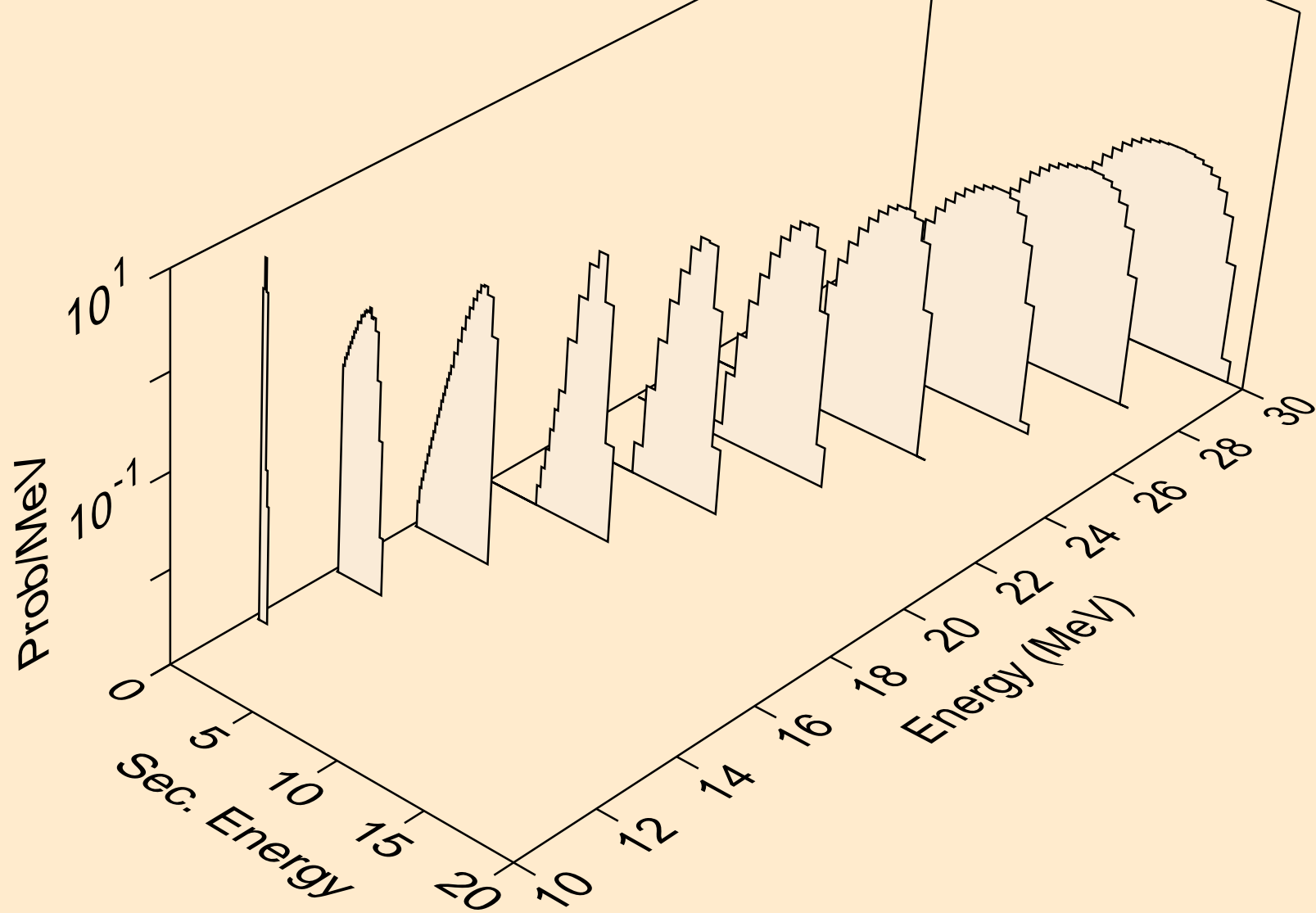
OS199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,x)



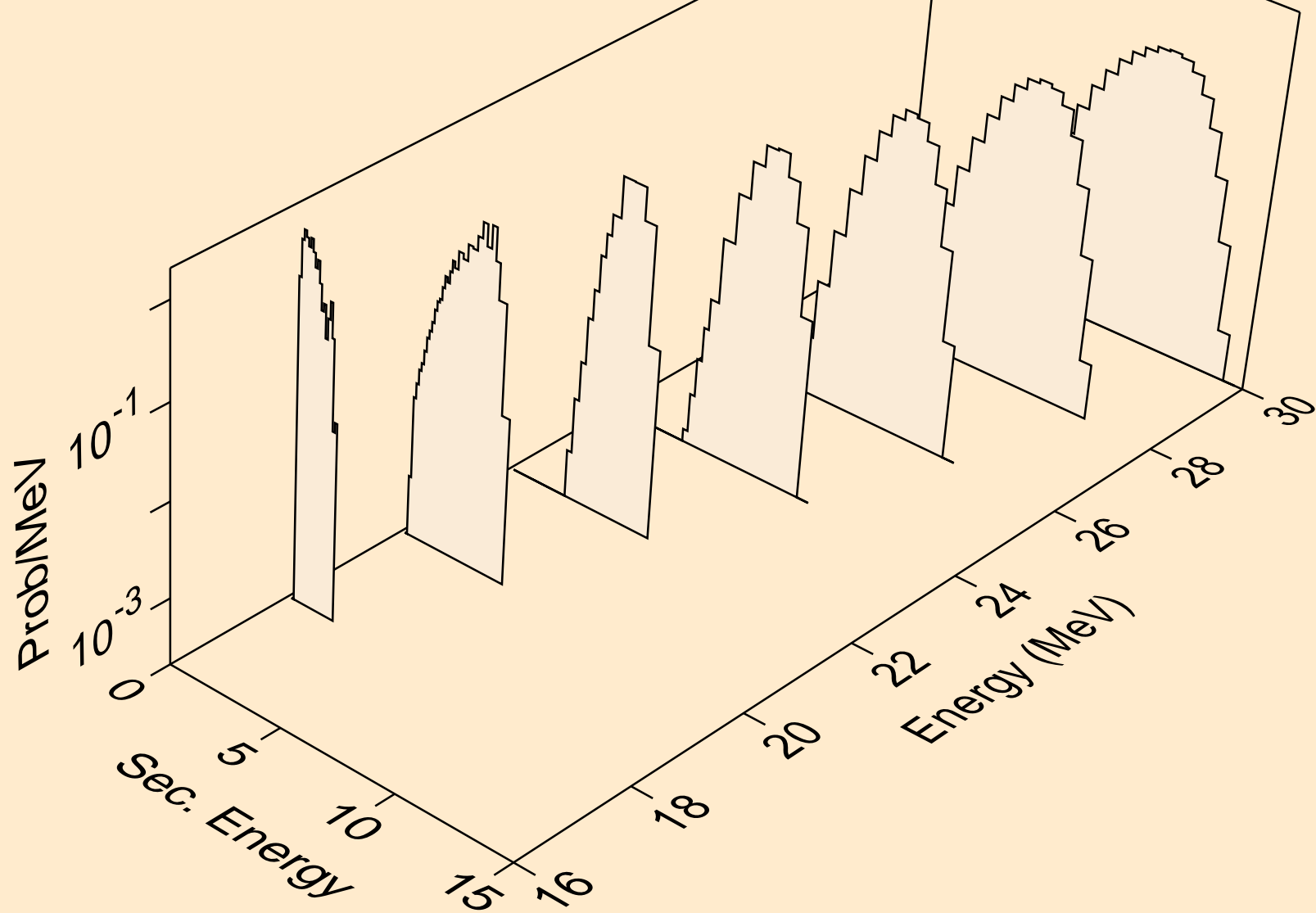
OS199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



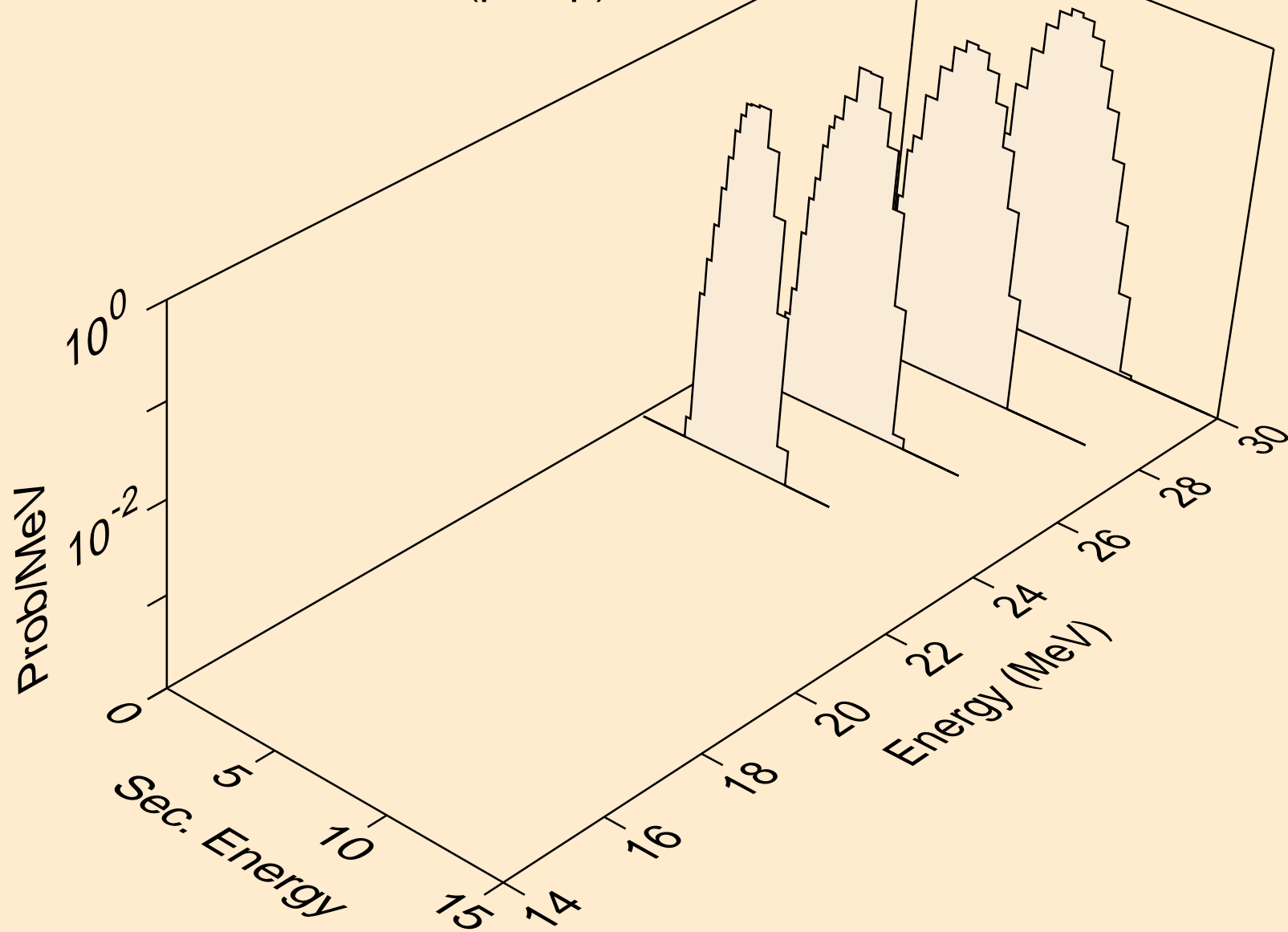
OS199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)



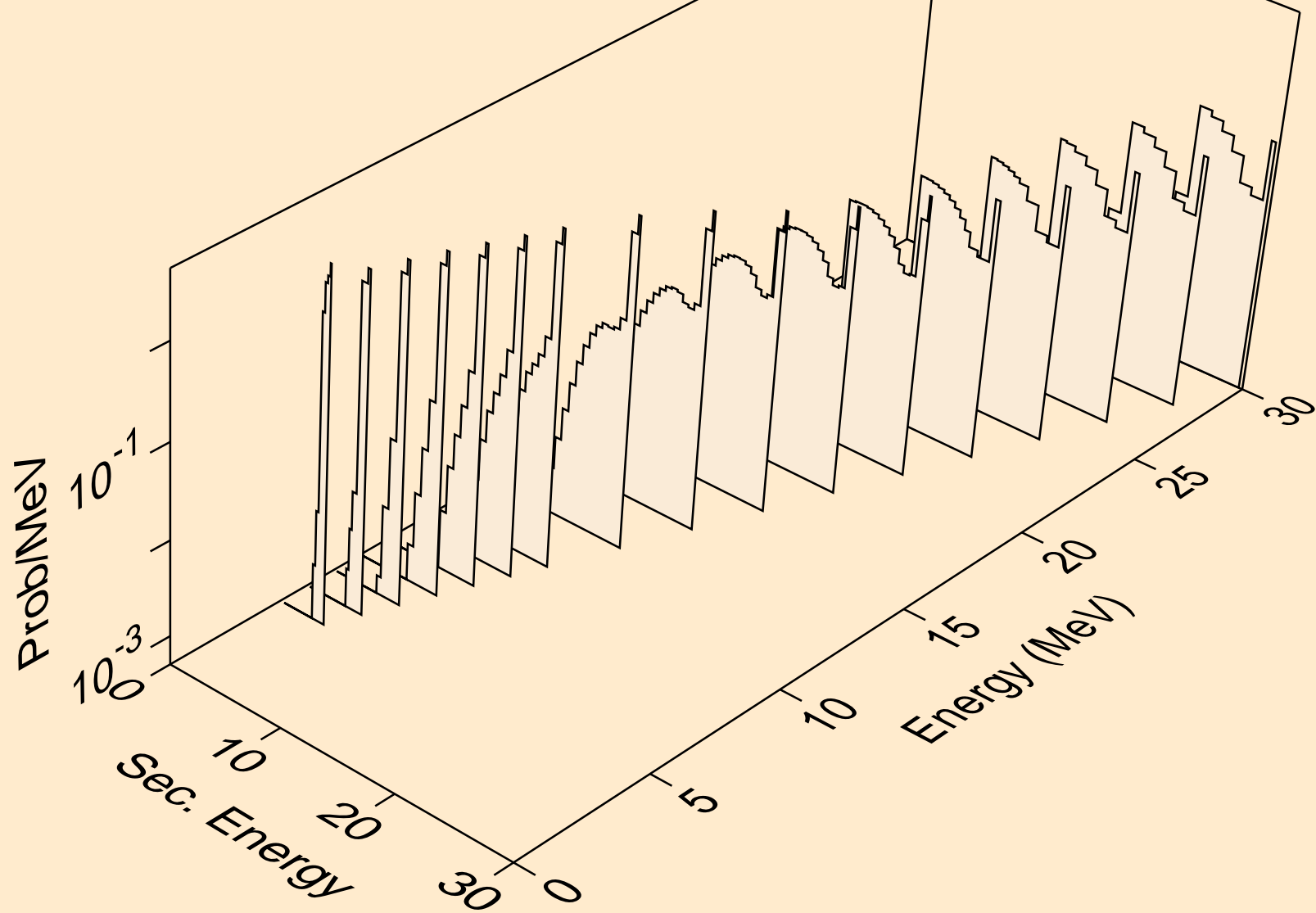
OS199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,3np)



OS199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)

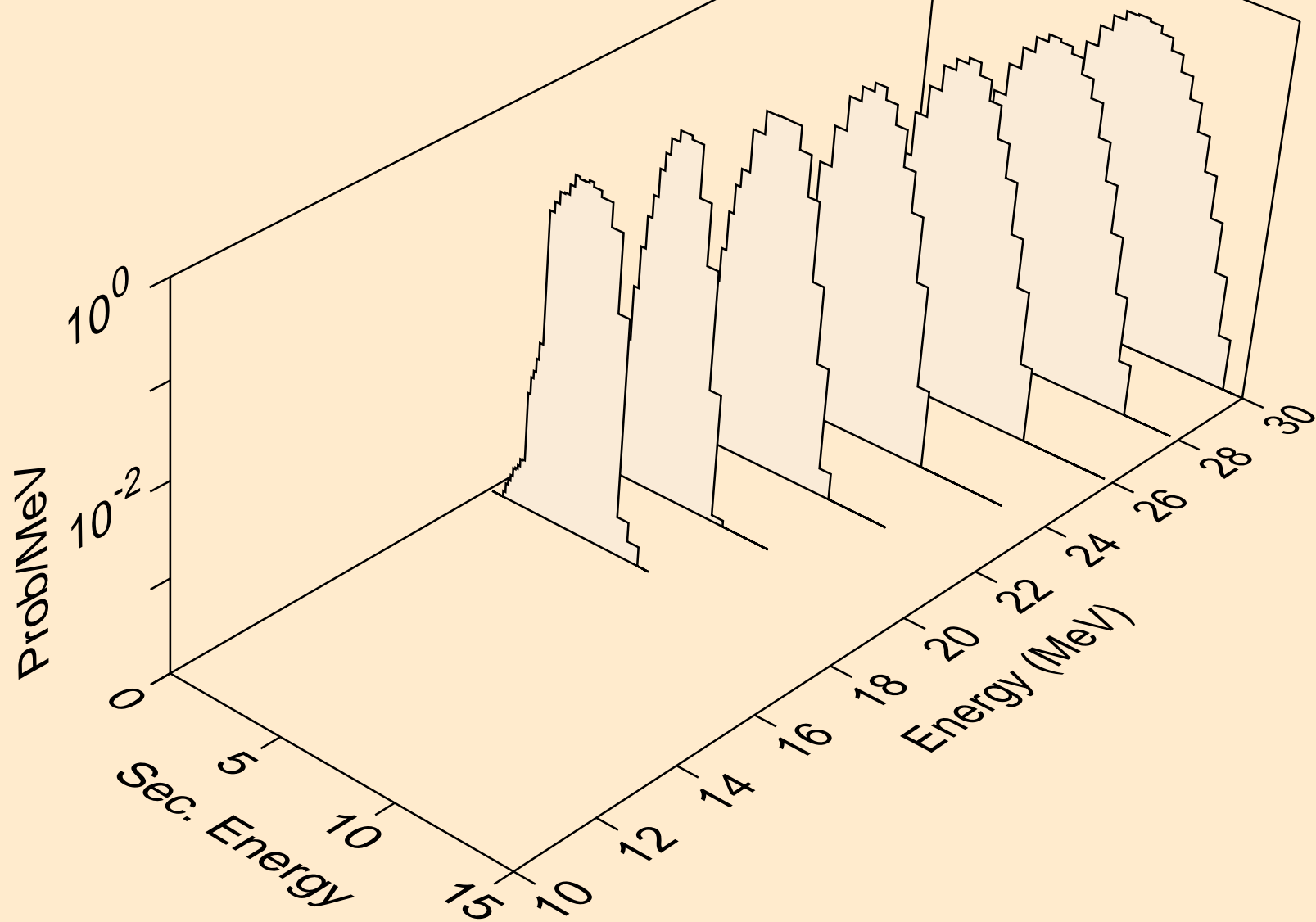


OS199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for inelastic

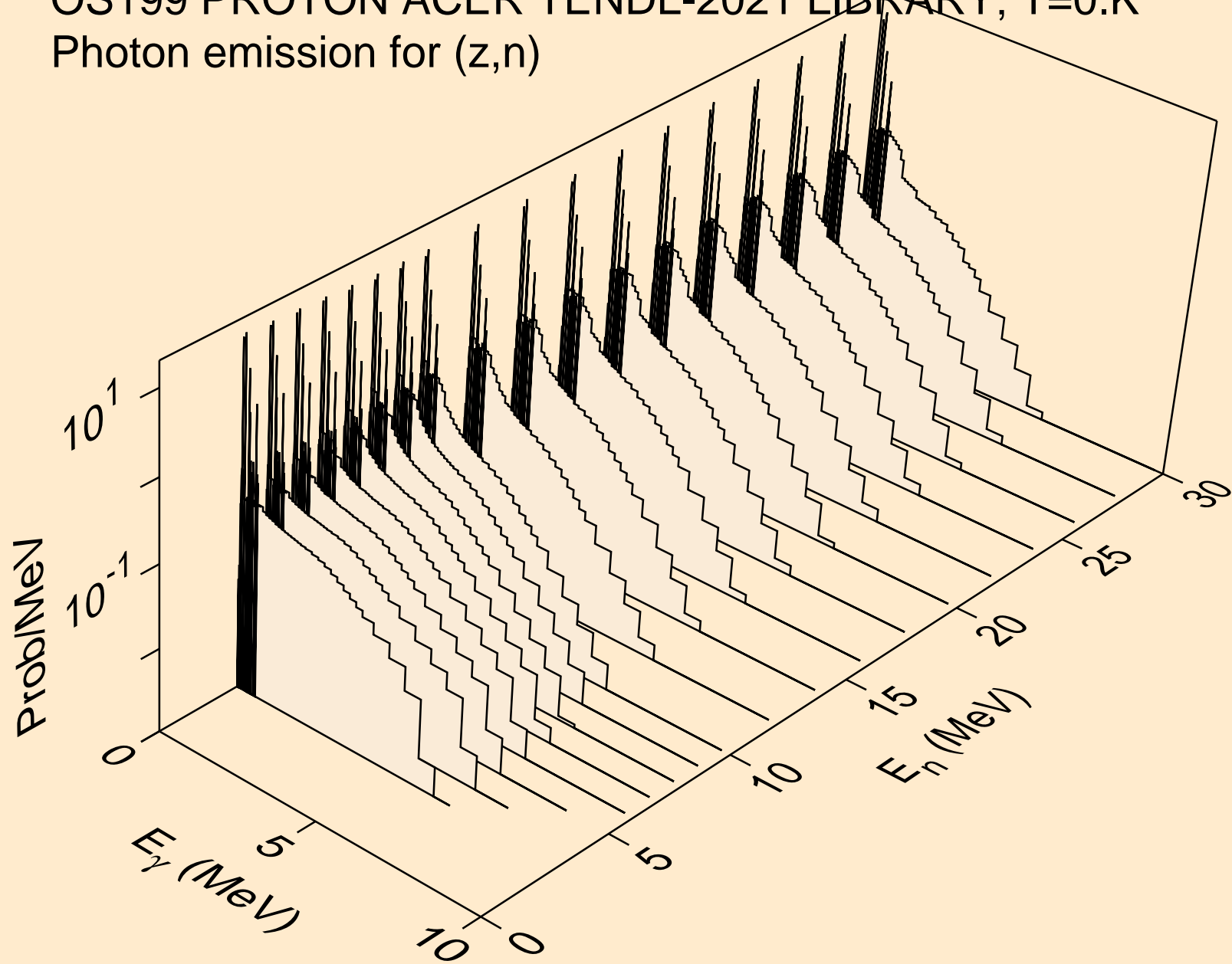




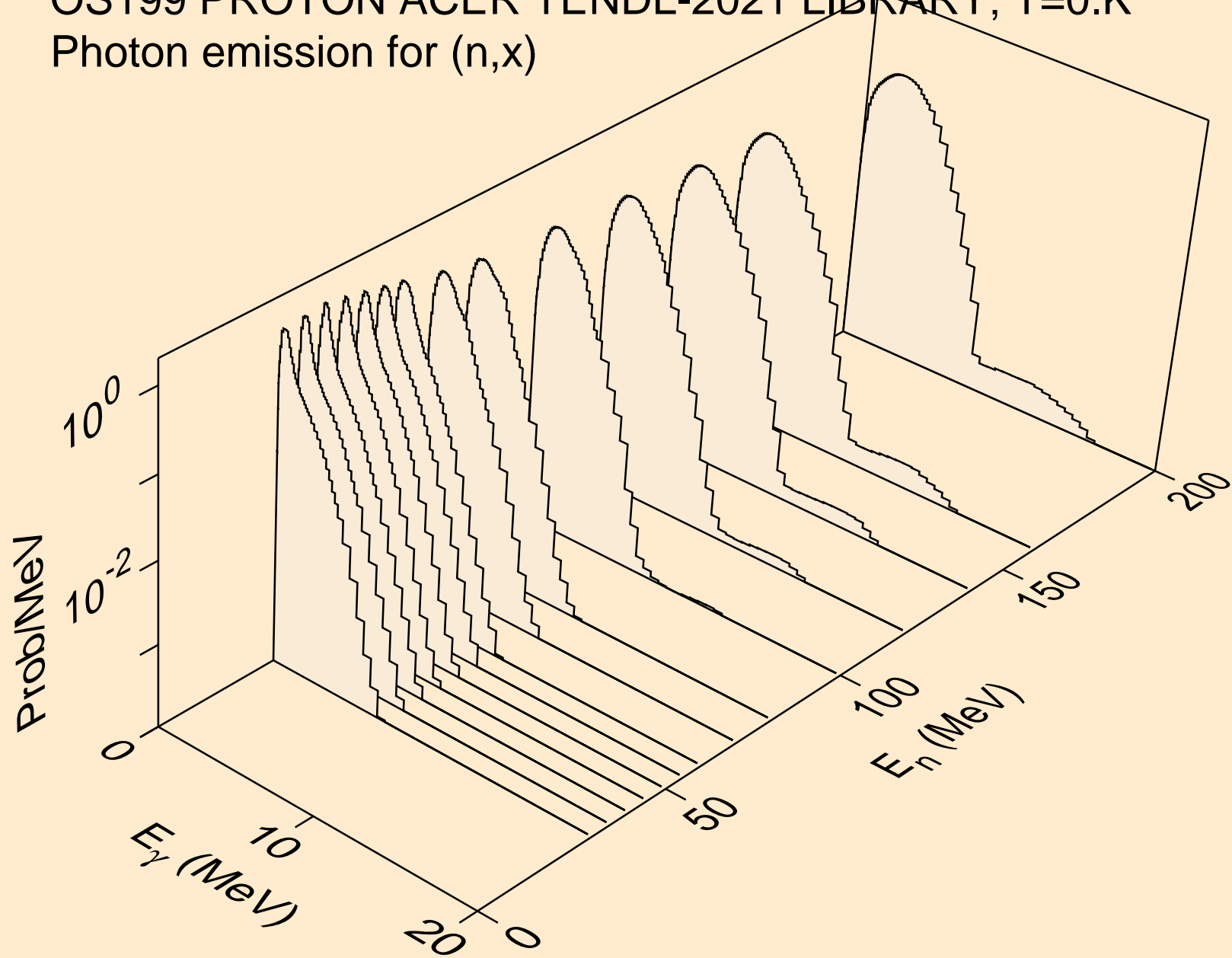
OS199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2p)



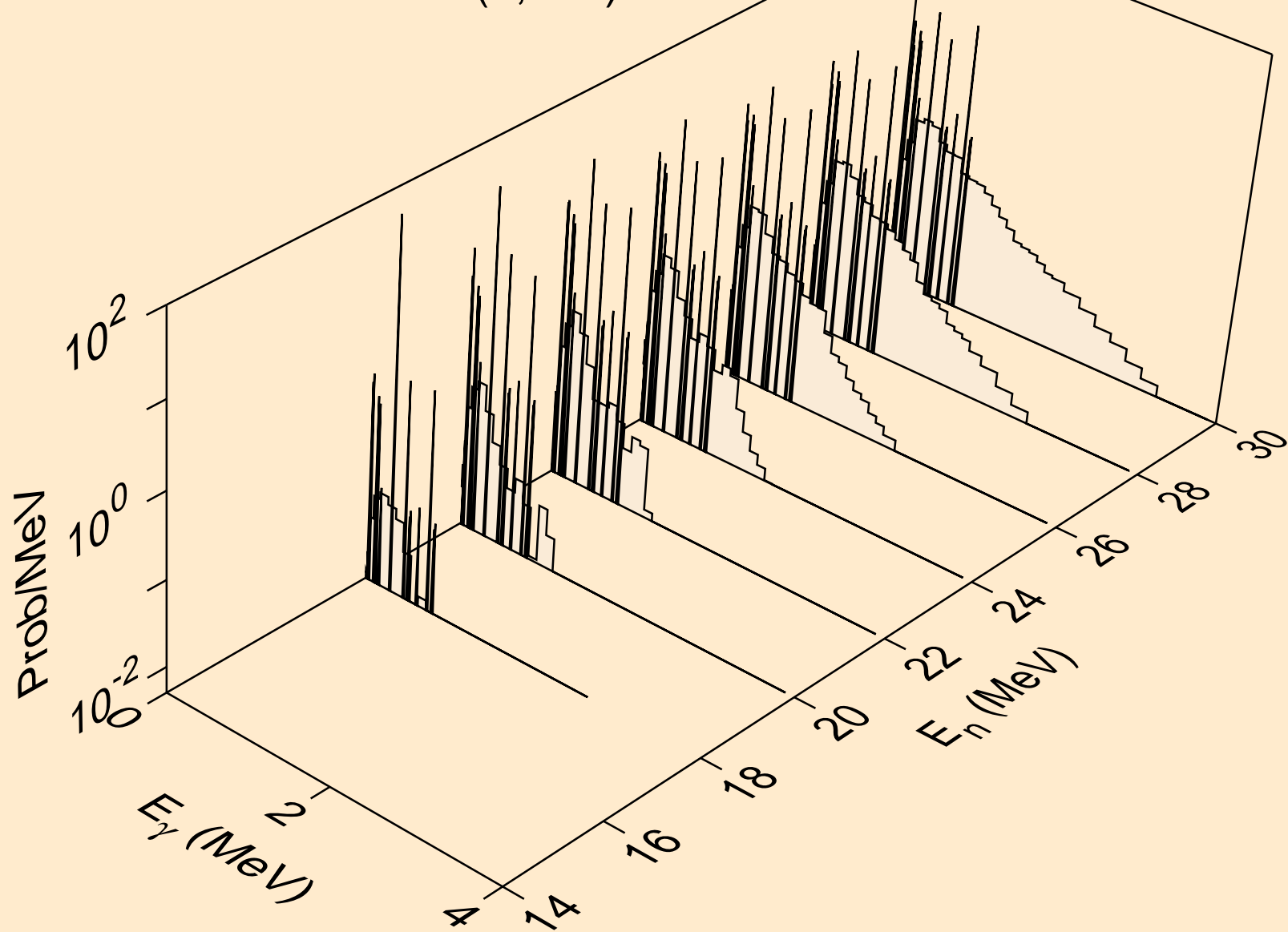
OS199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



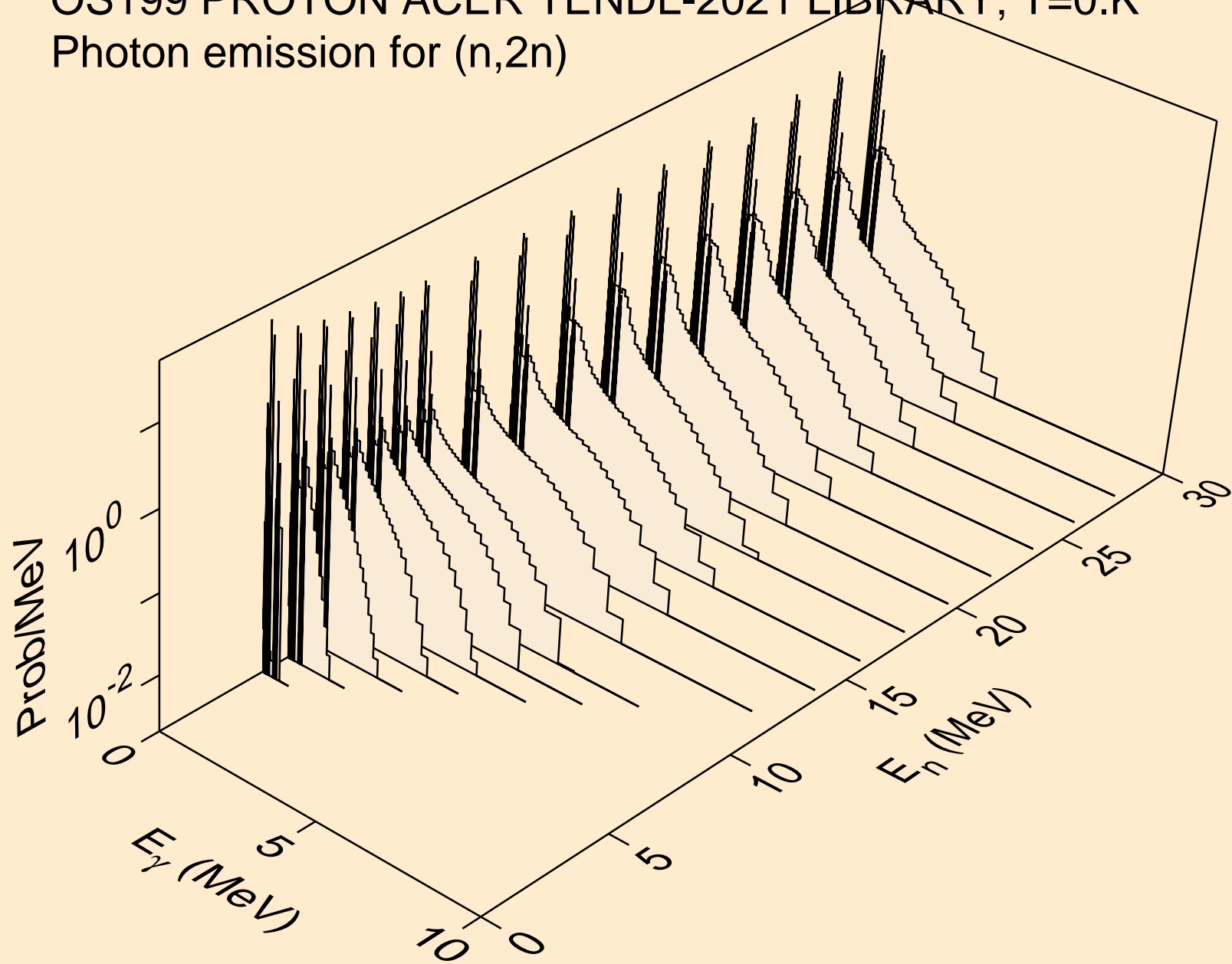
OS199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



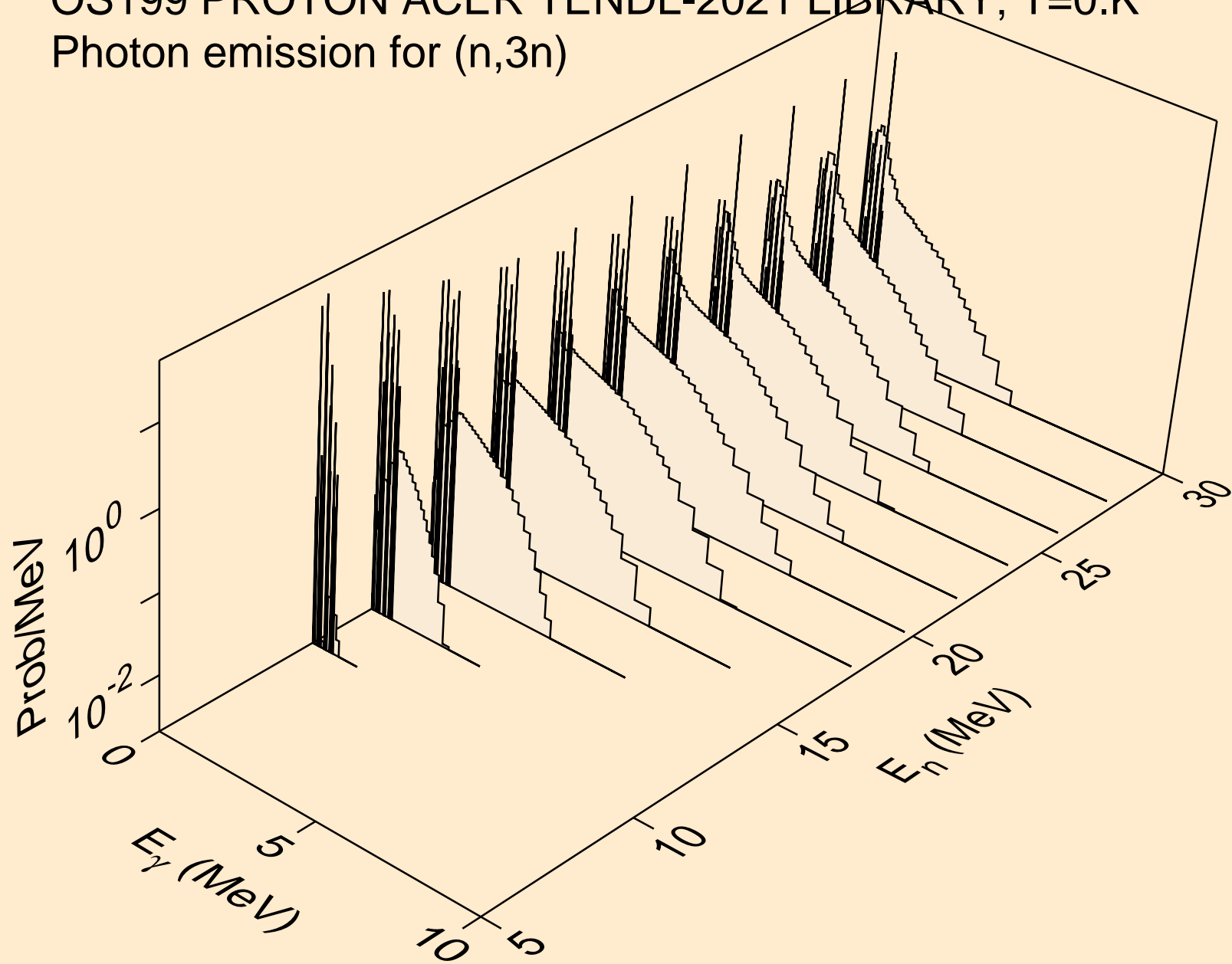
OS199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)



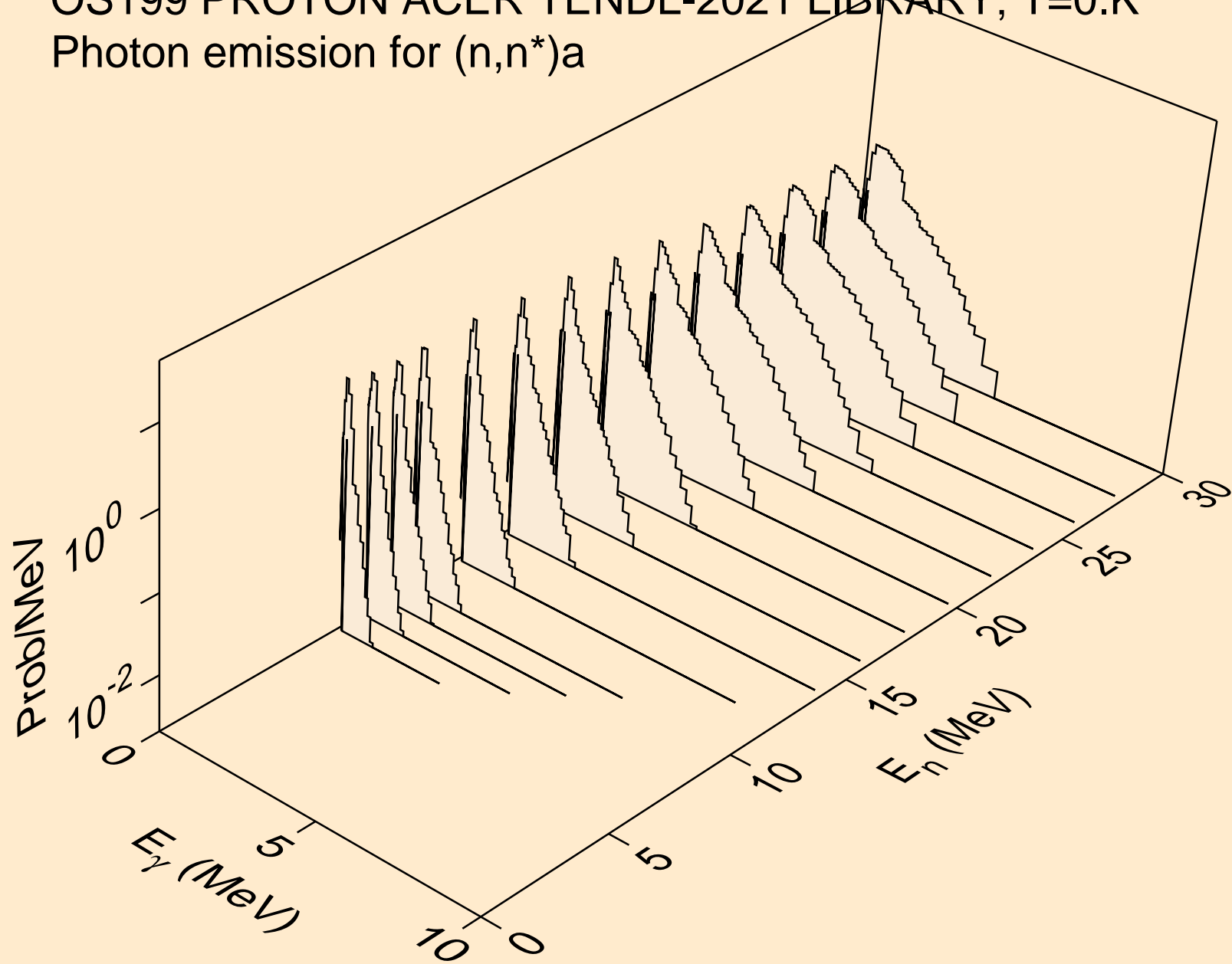
OS199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



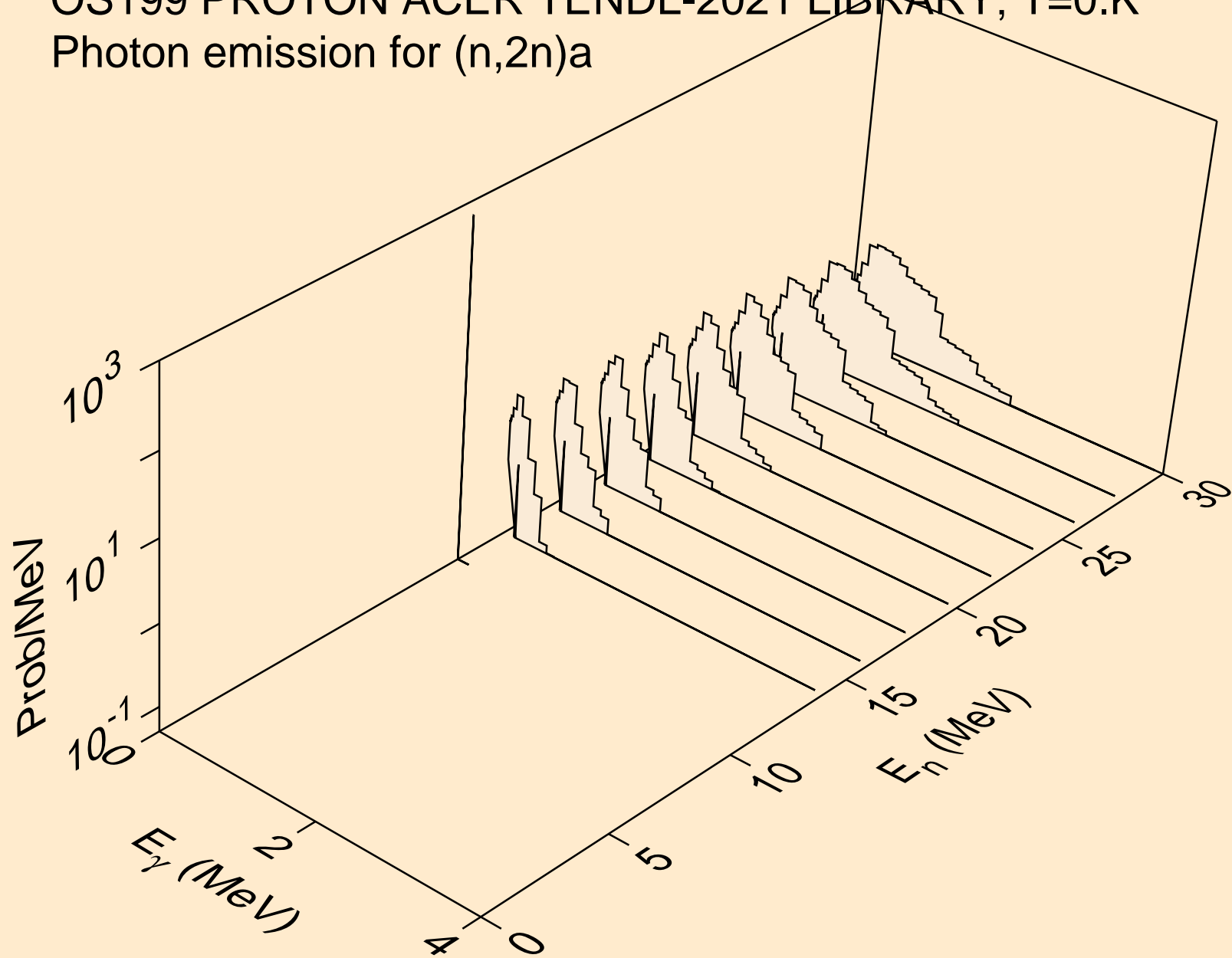
OS199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



OS199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

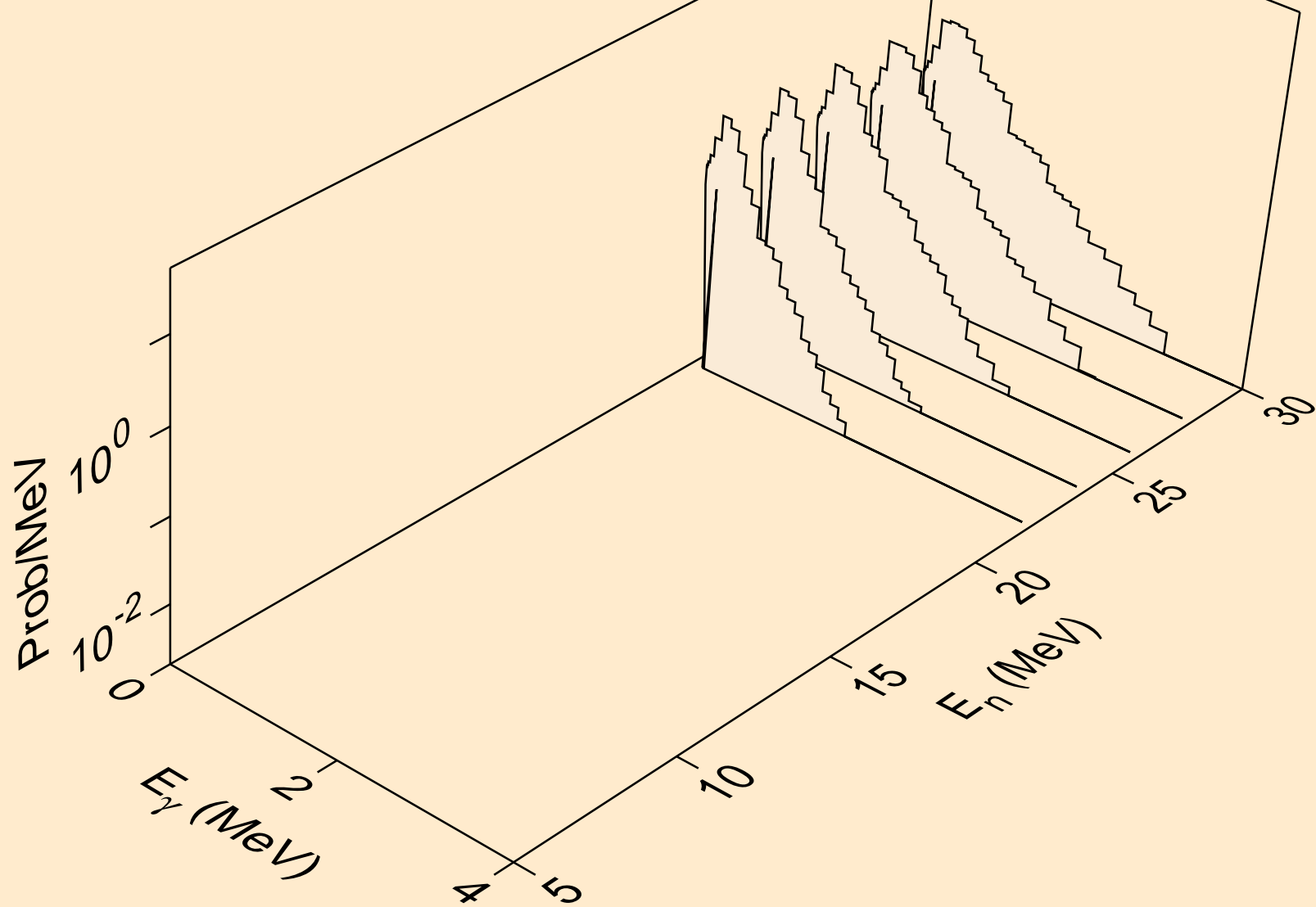


OS199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a

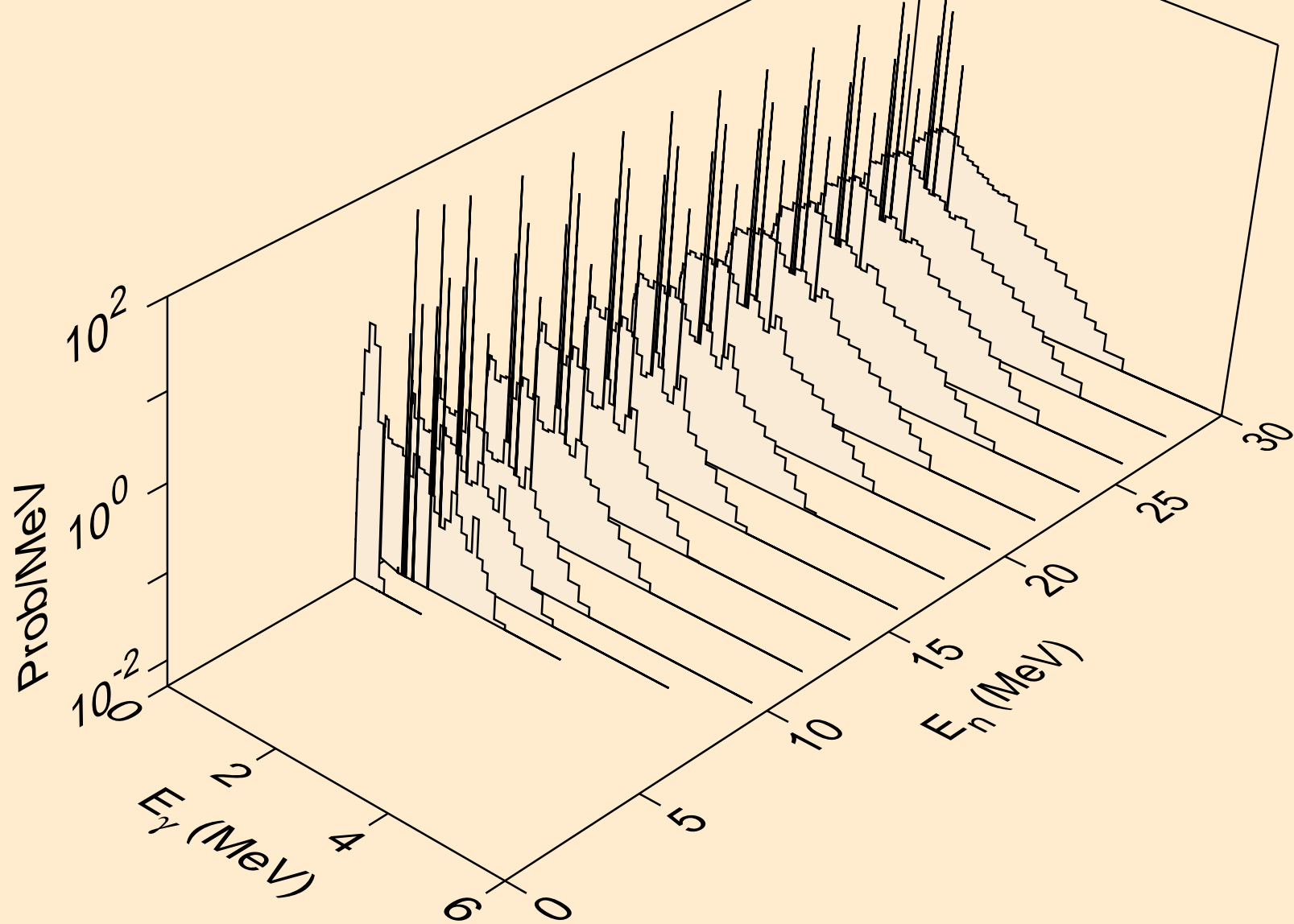




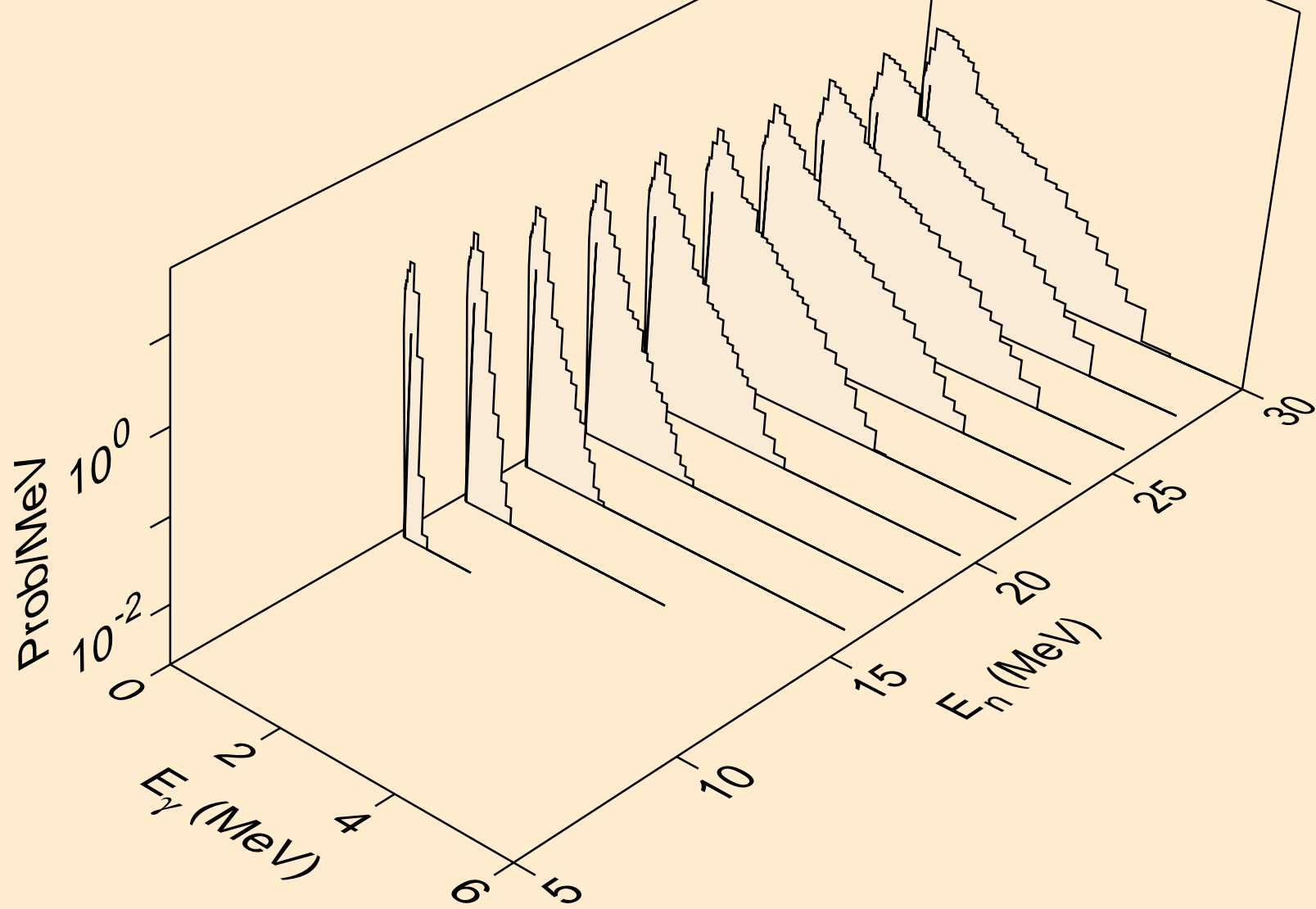
OS199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)a



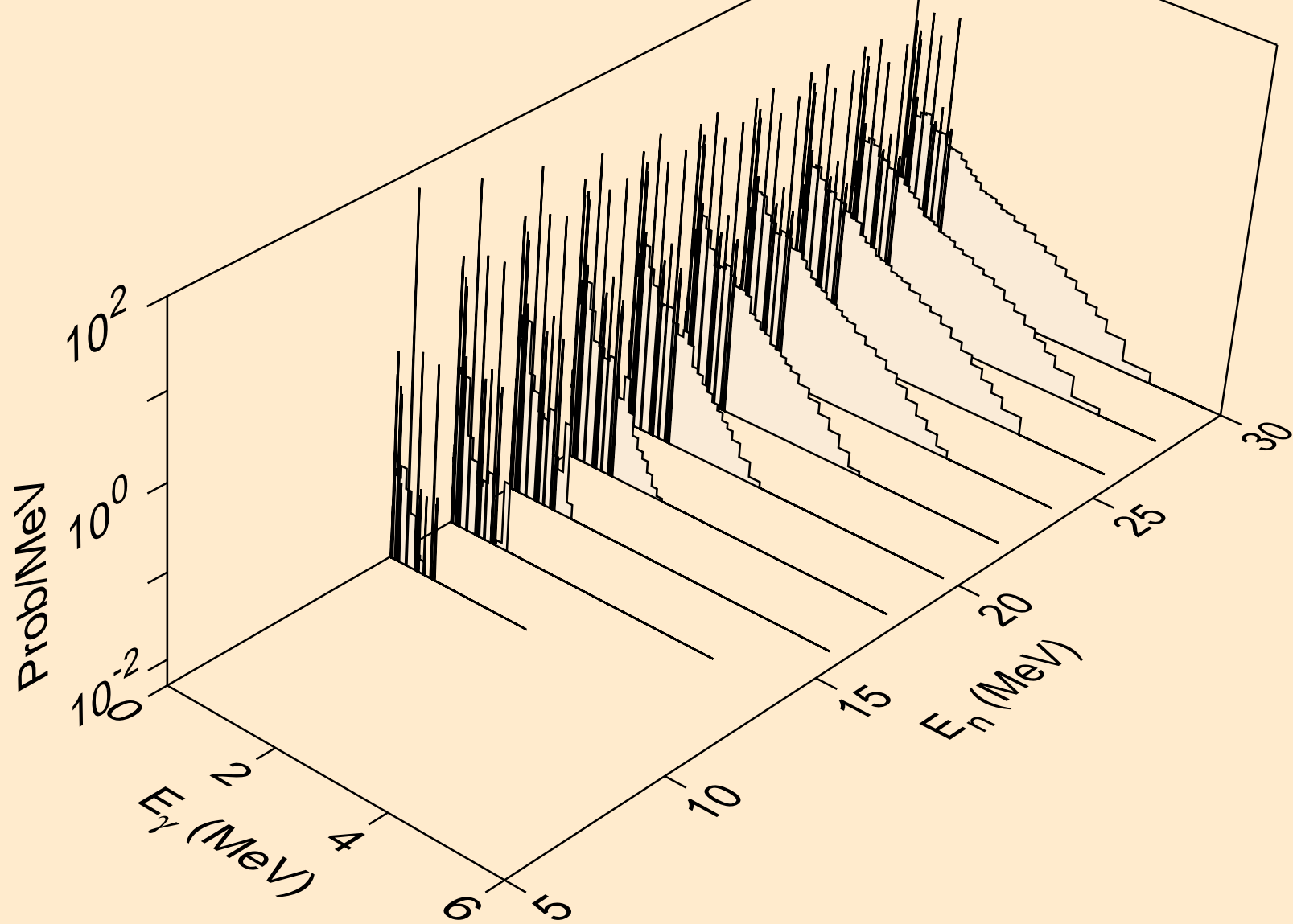
OS199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



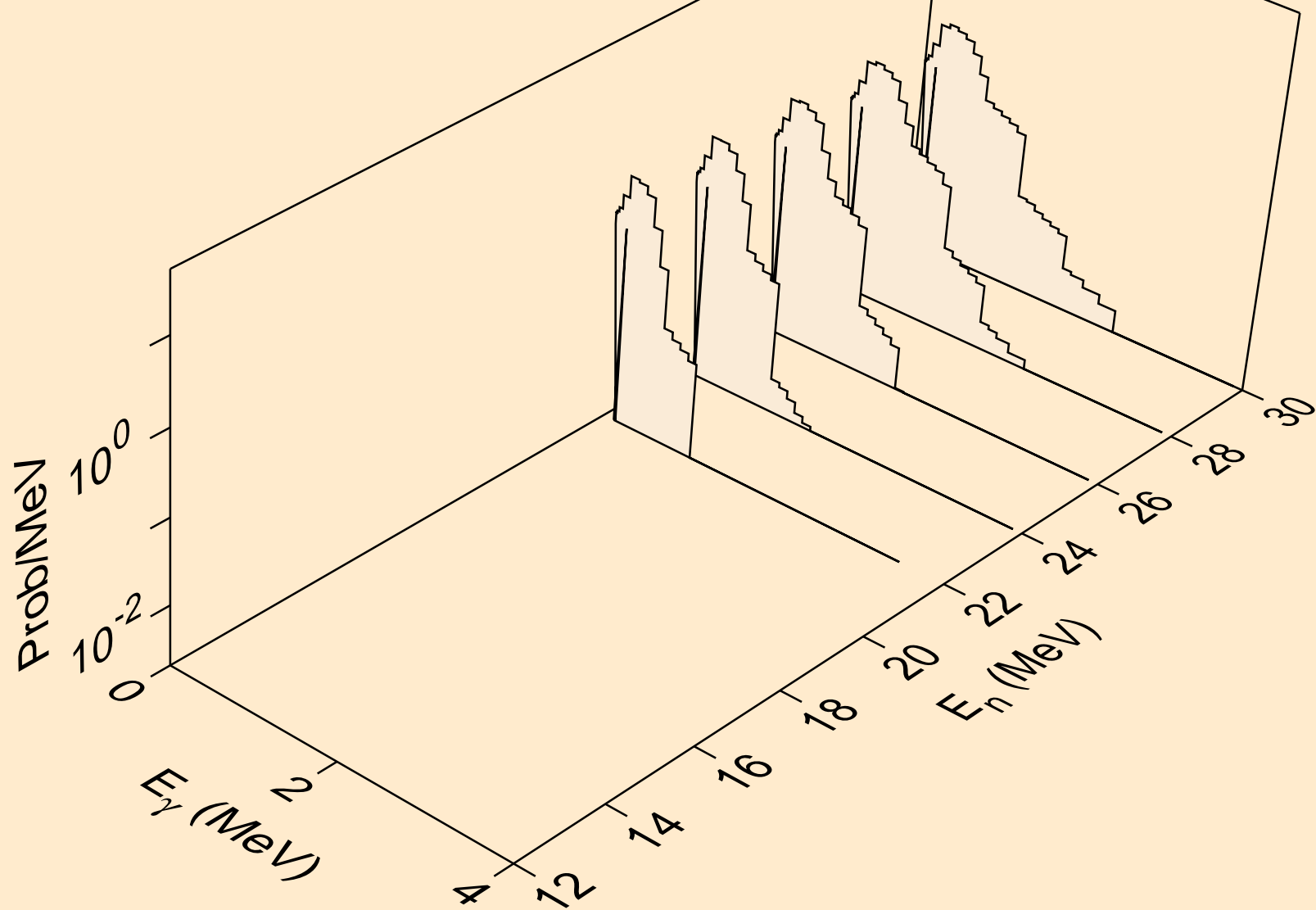
OS199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



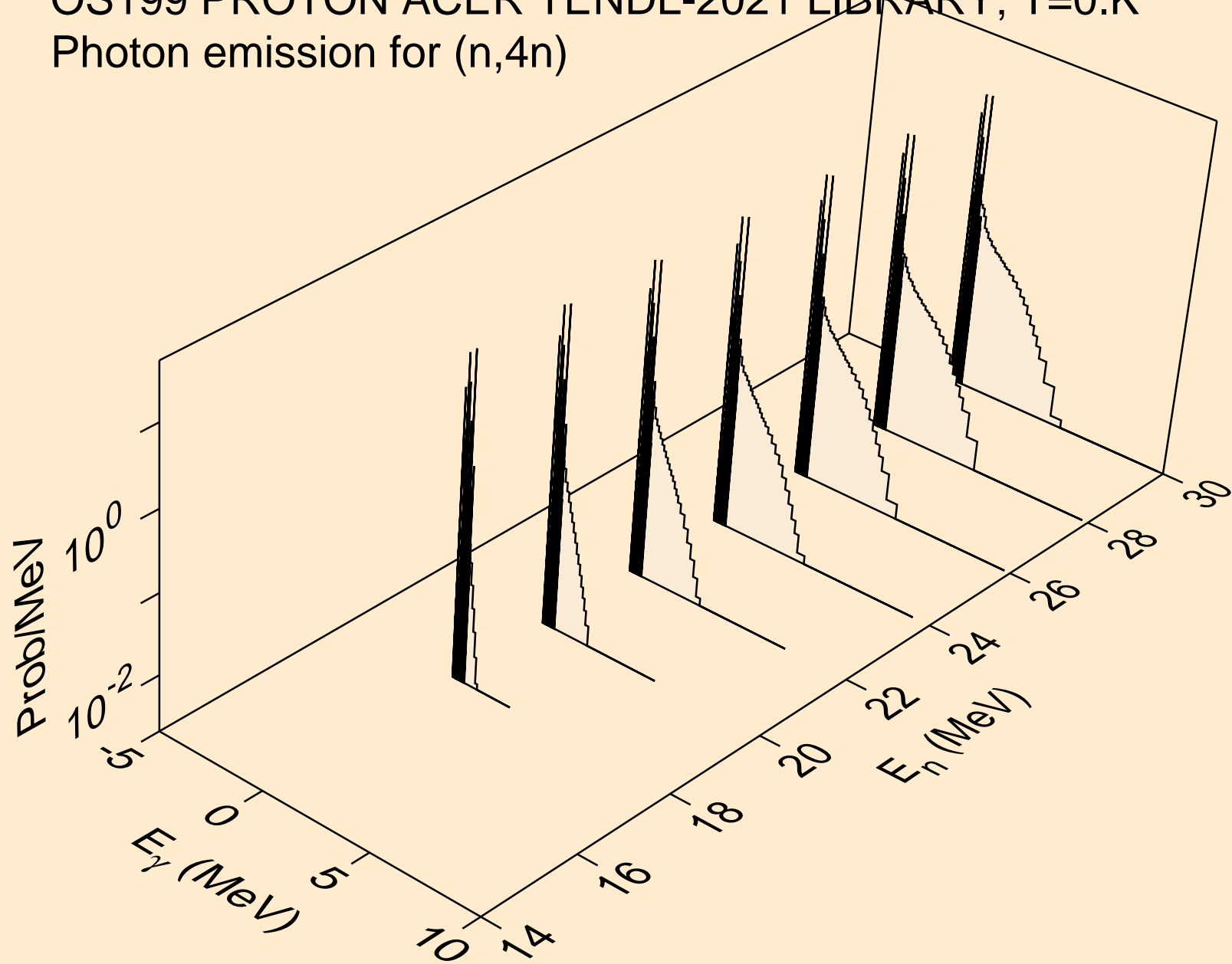
OS199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



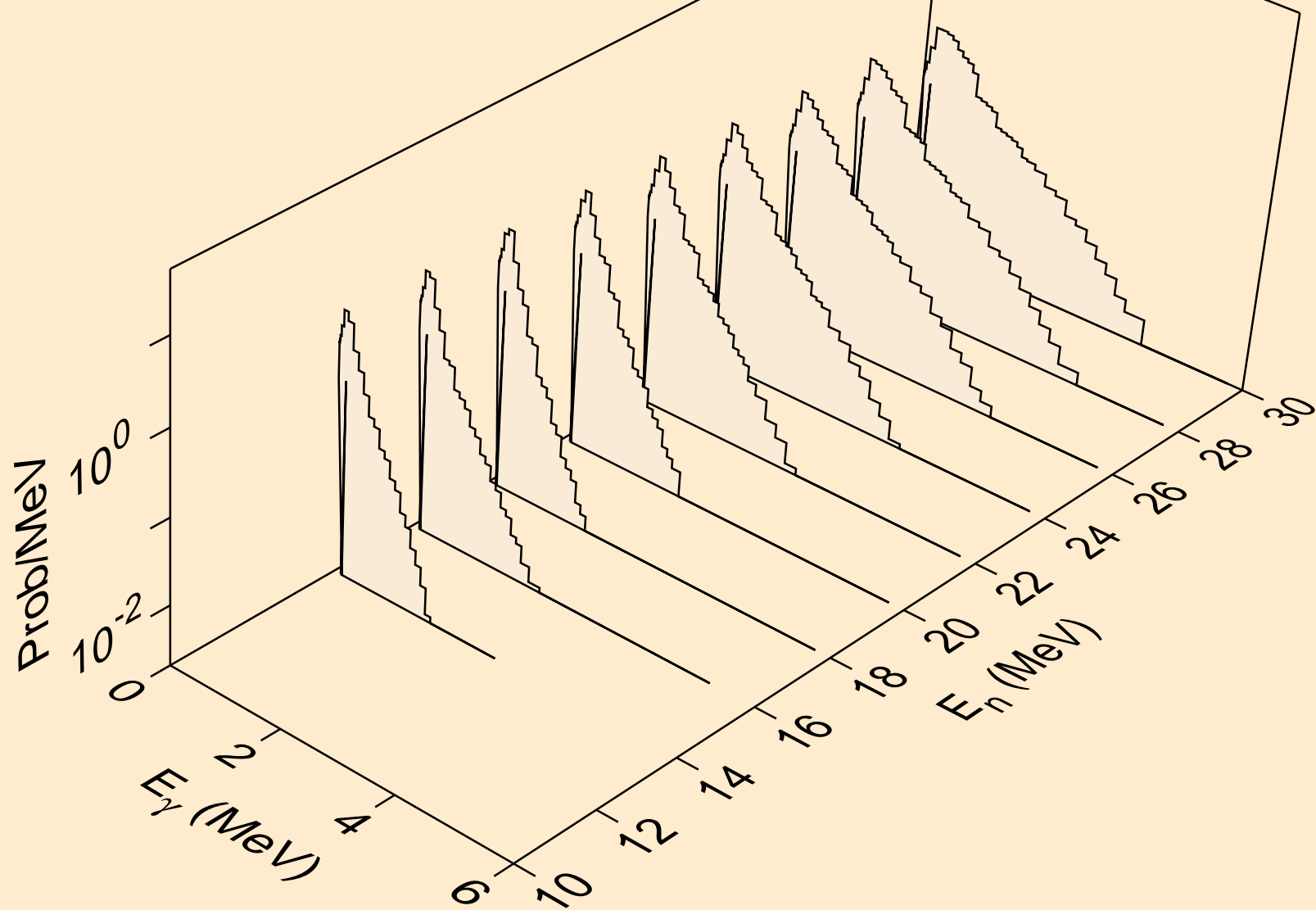
OS199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



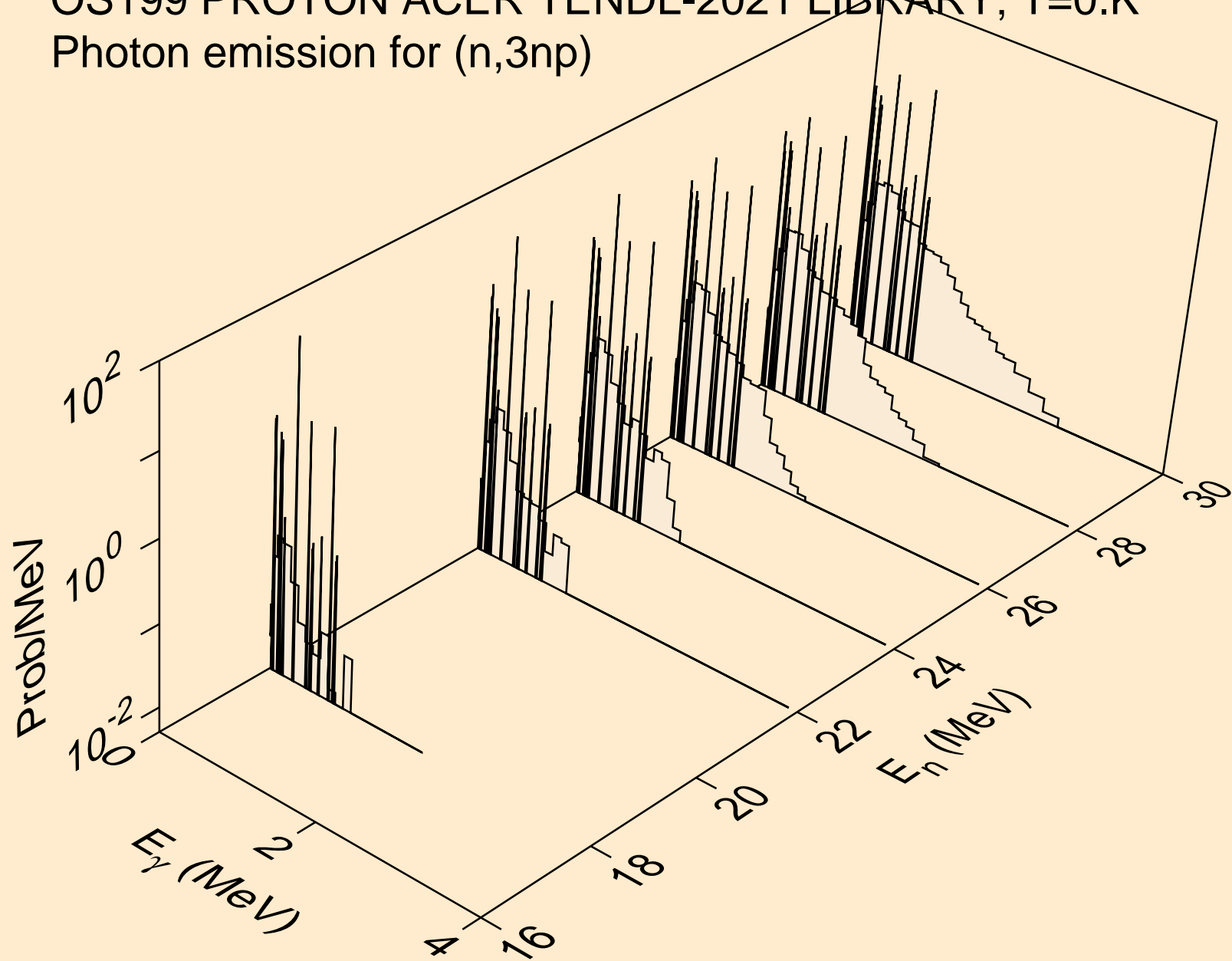
OS199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,4n)



OS199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)

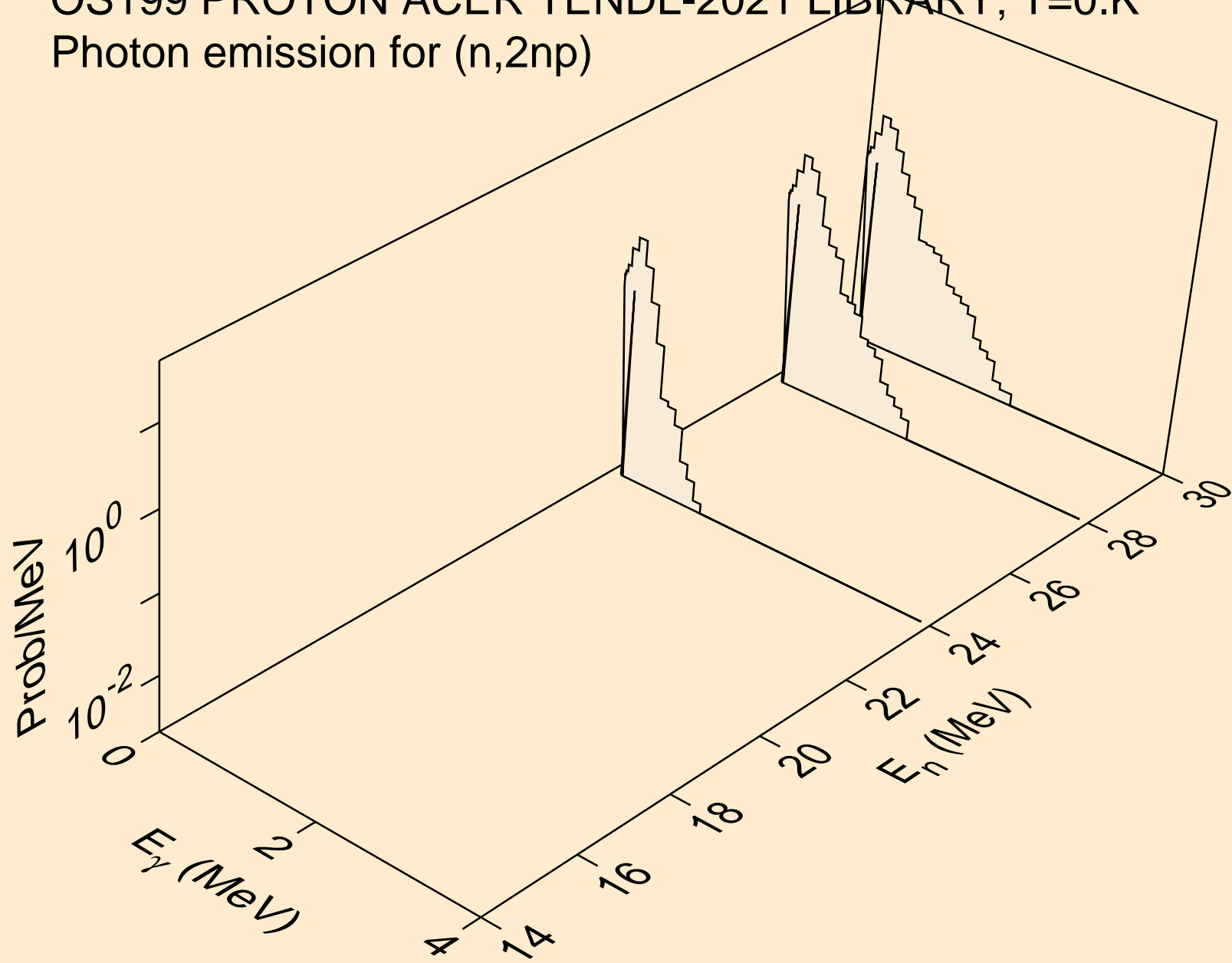


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Photon emission for (n,3np)

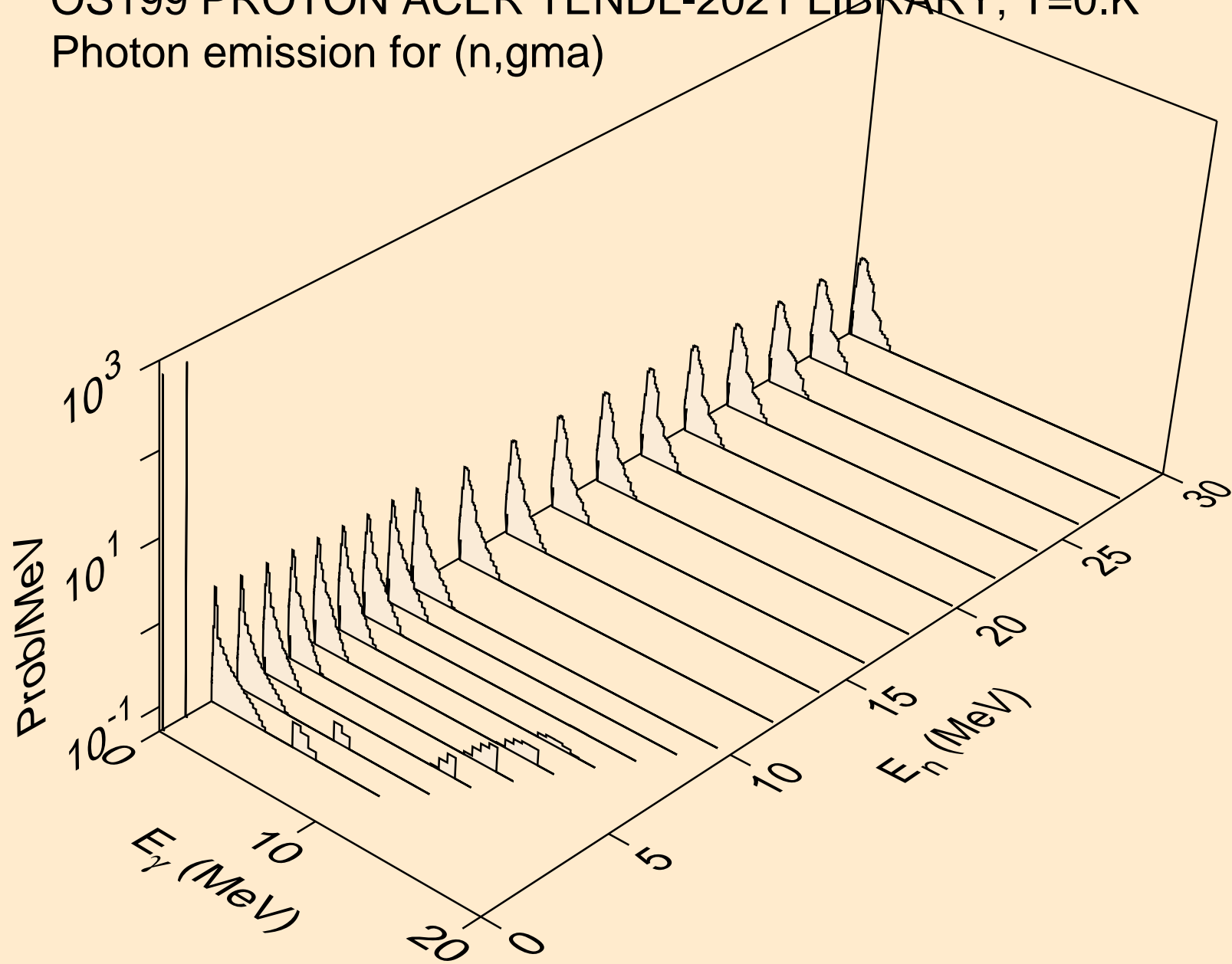




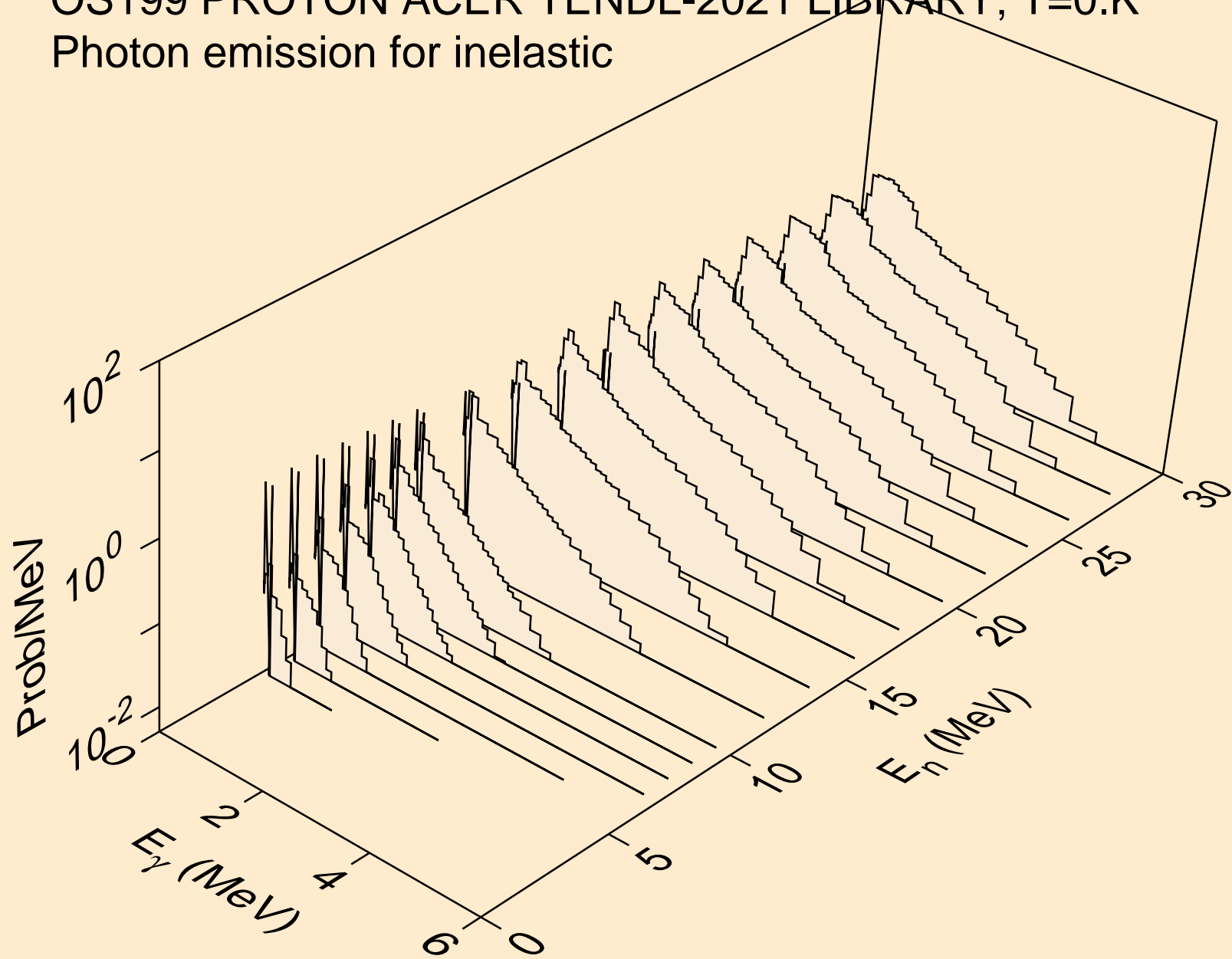
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Photon emission for (n,2np)



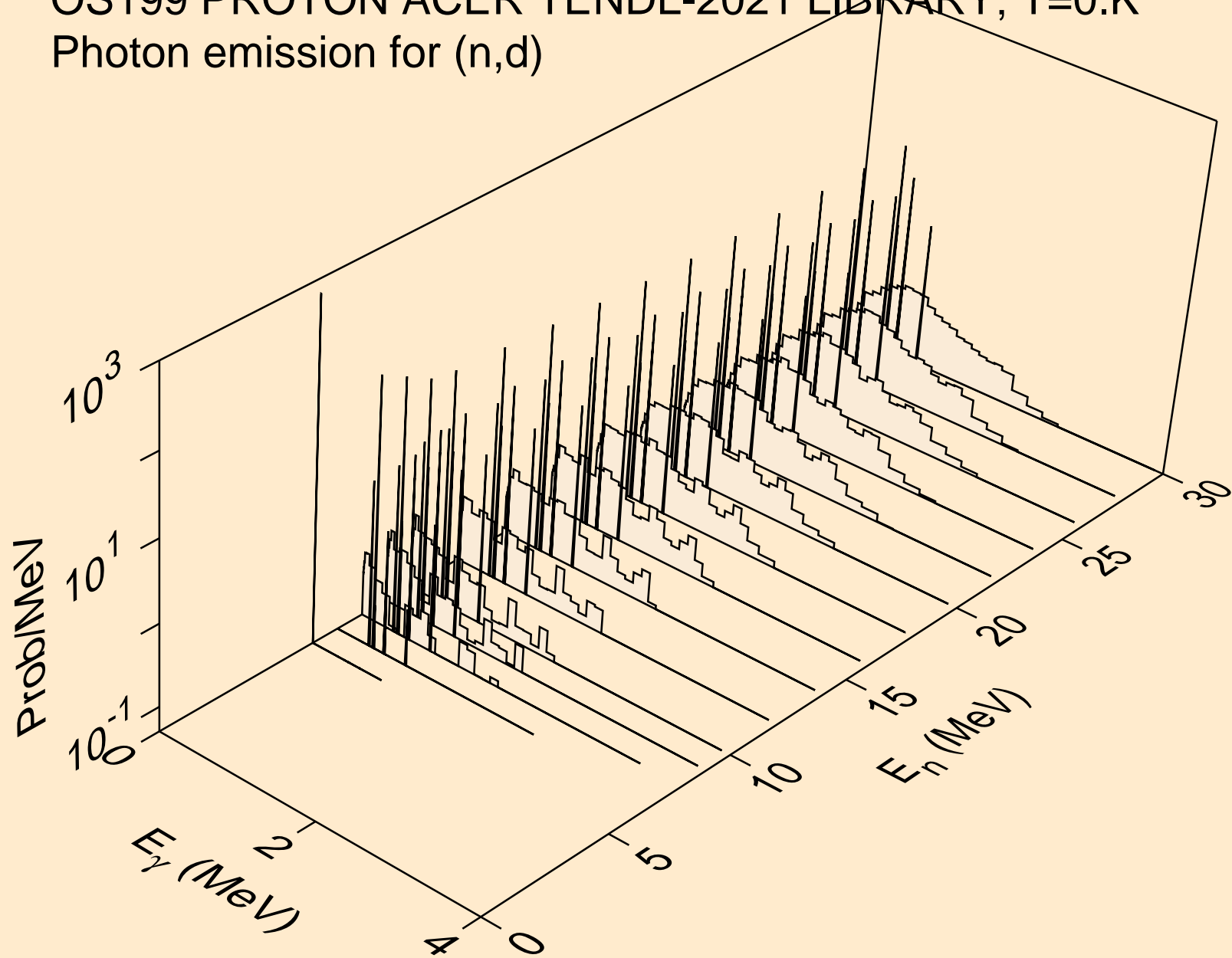
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Photon emission for (n,gma)



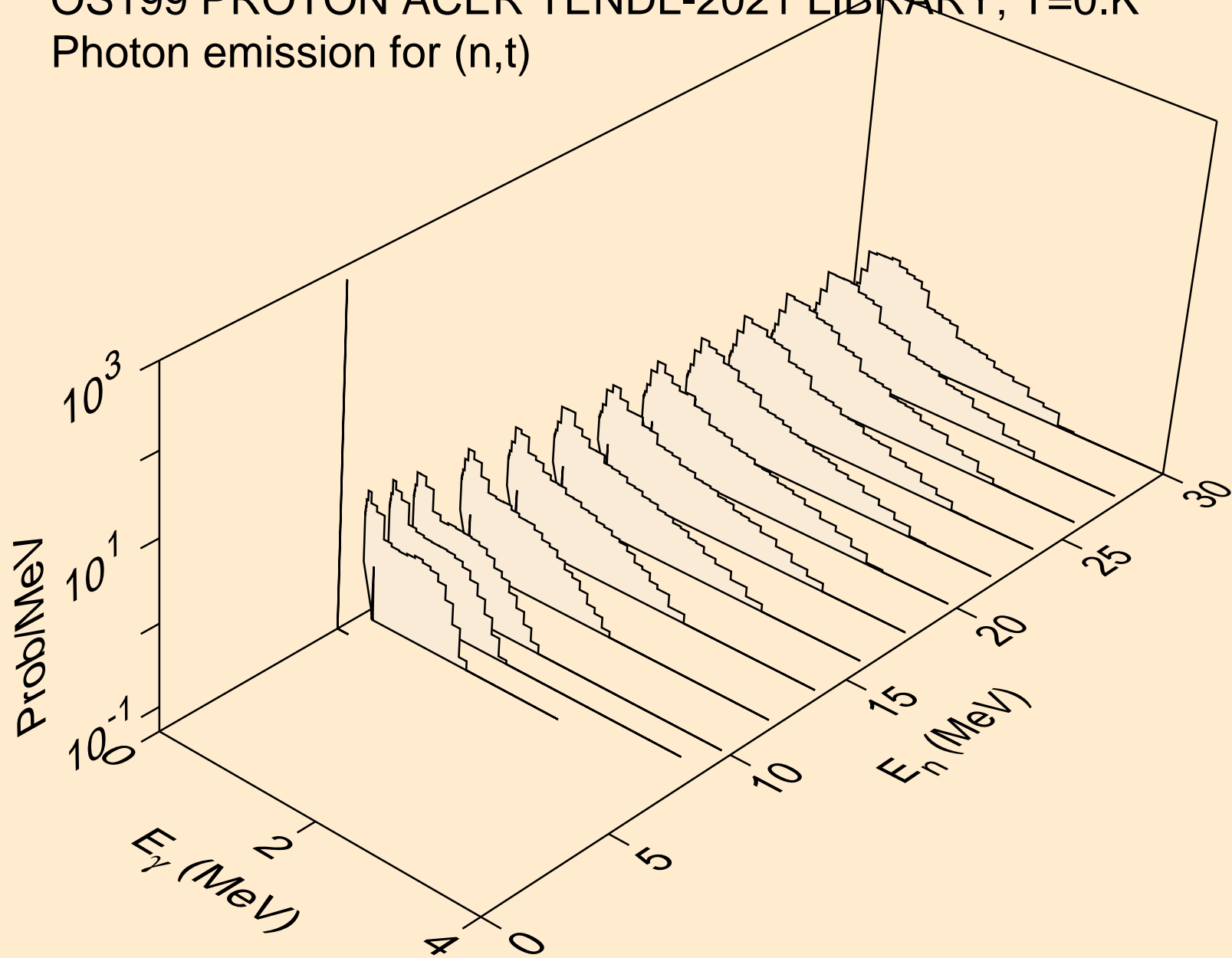
OS199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



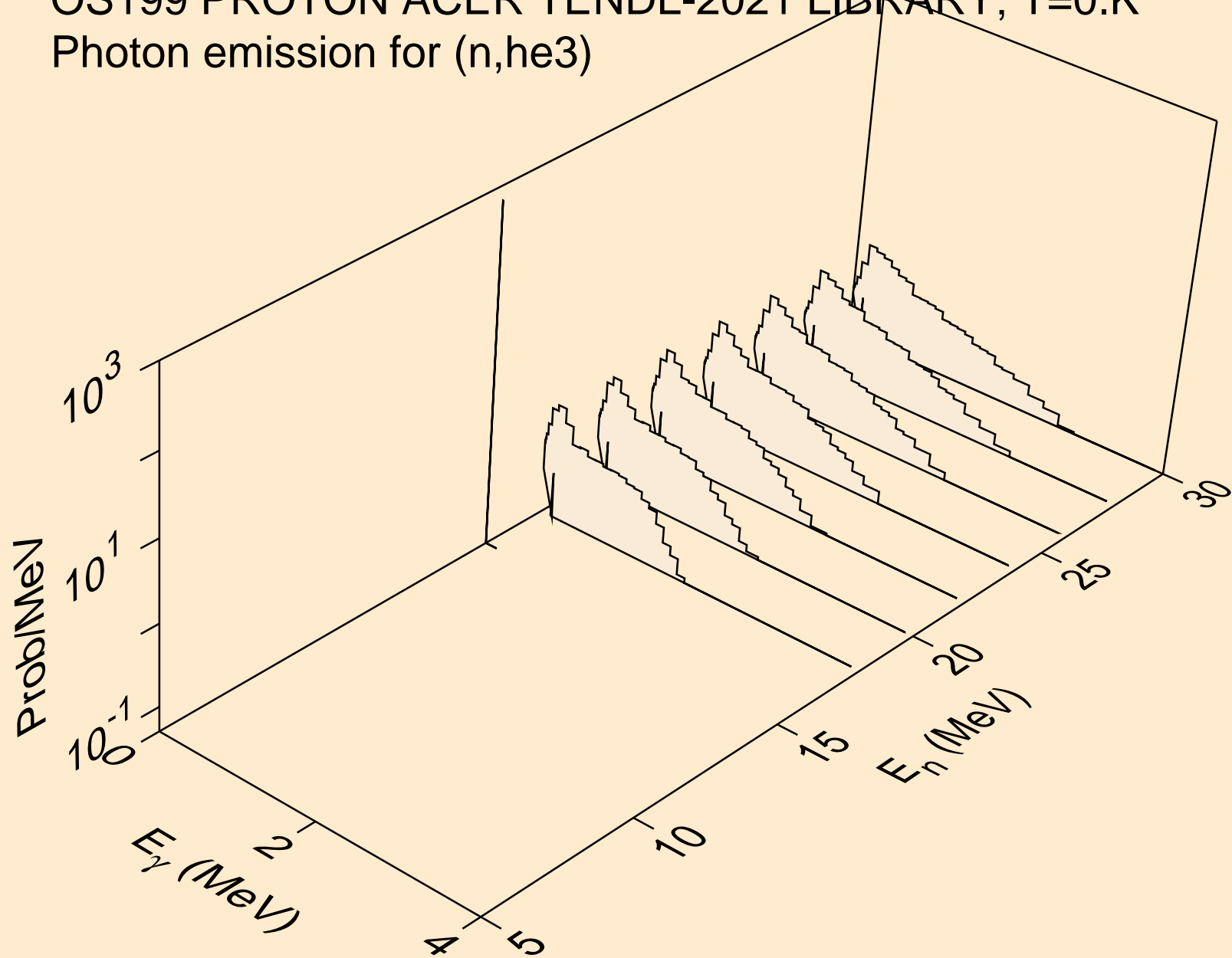
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Photon emission for (n,d)



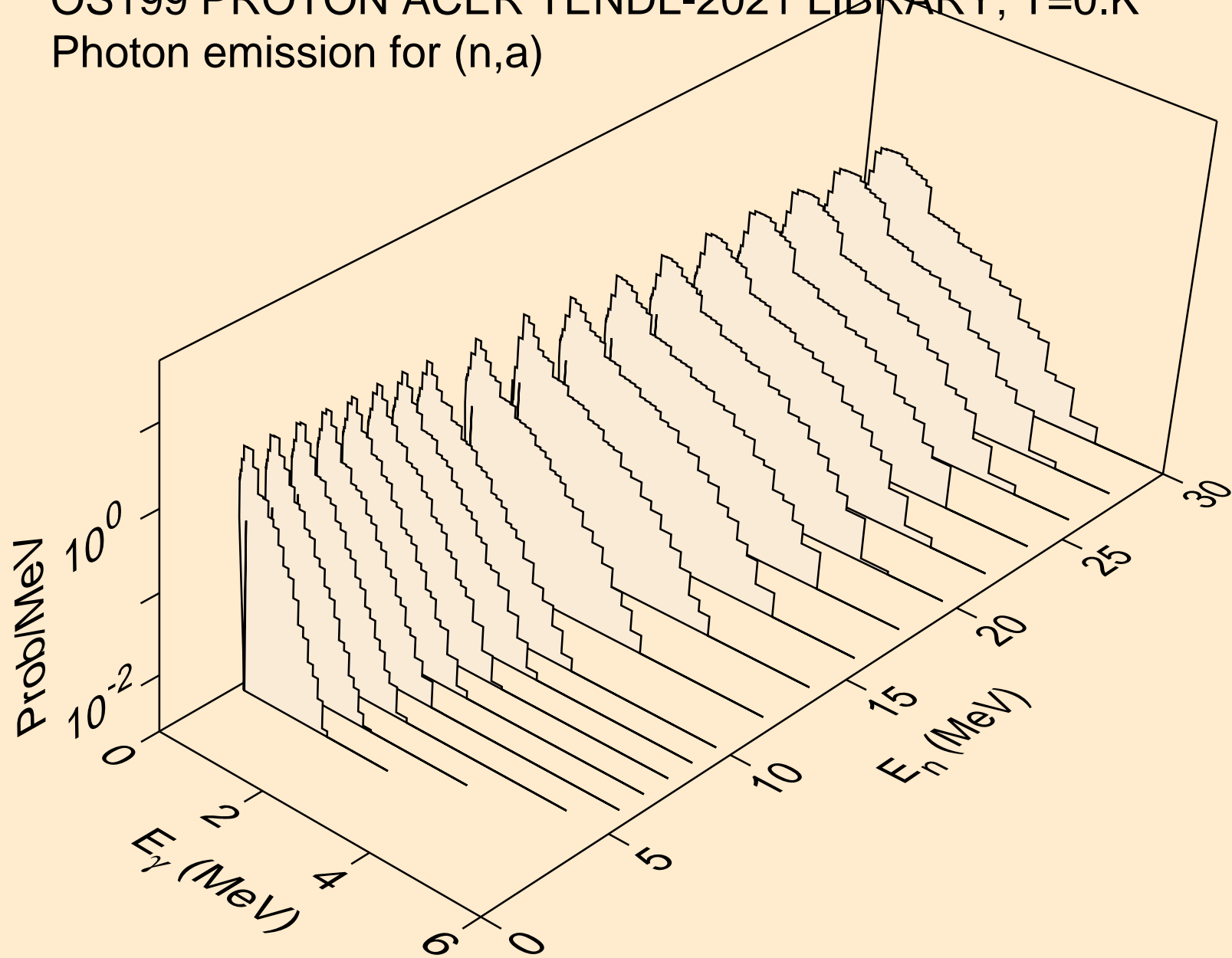
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Photon emission for (n,t)



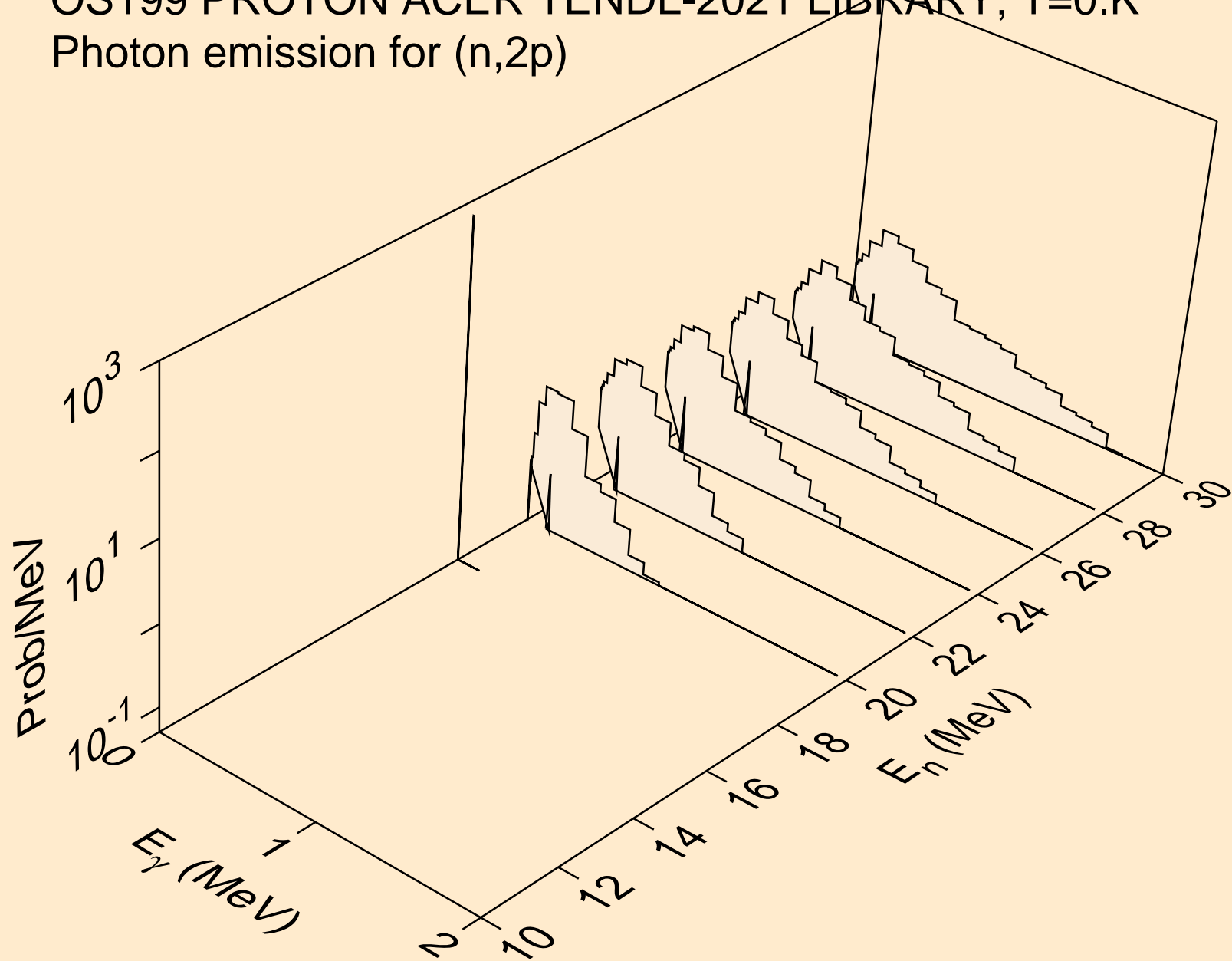
OS199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,he3)



OS199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,a)

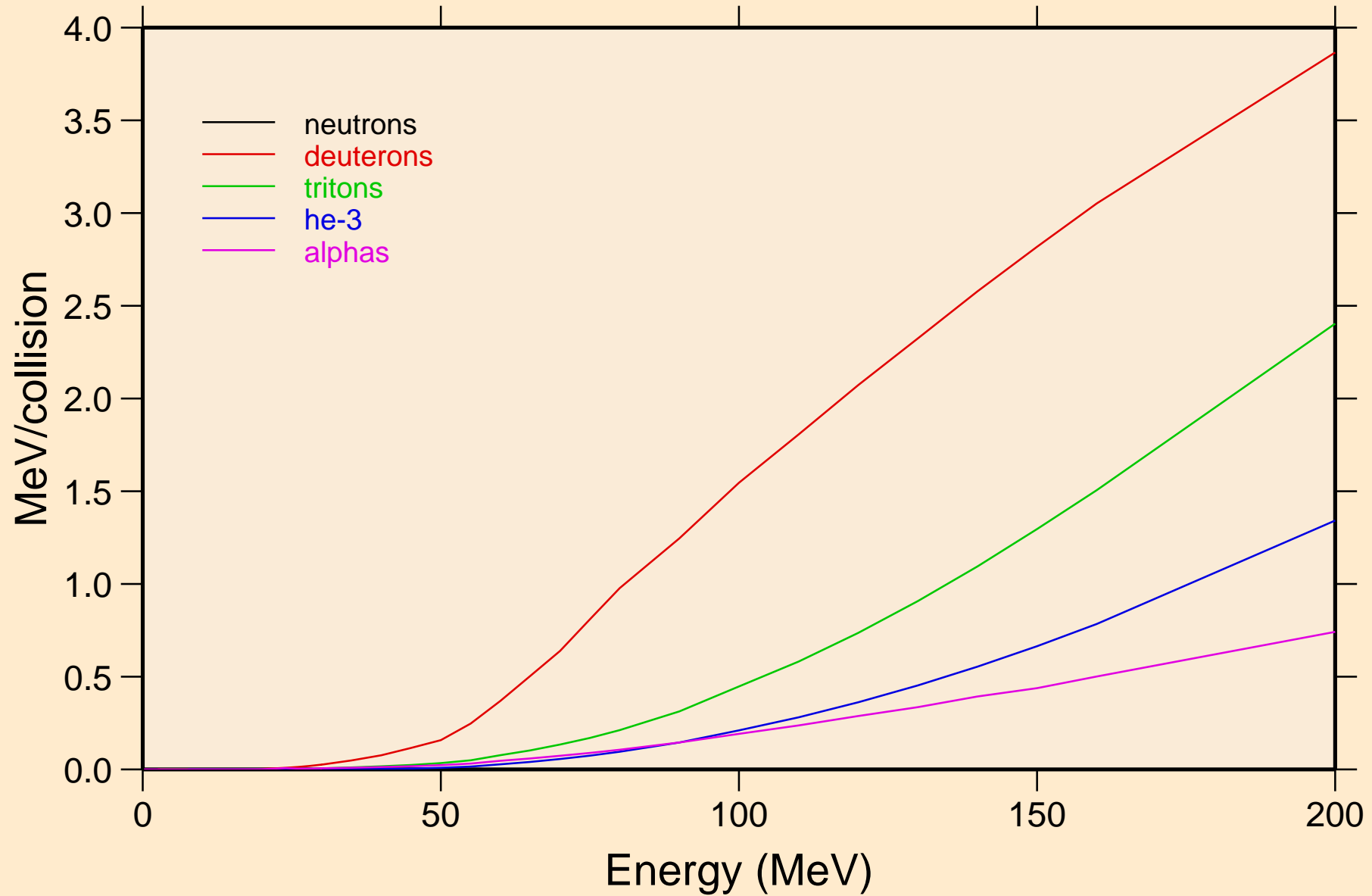


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Photon emission for (n,2p)

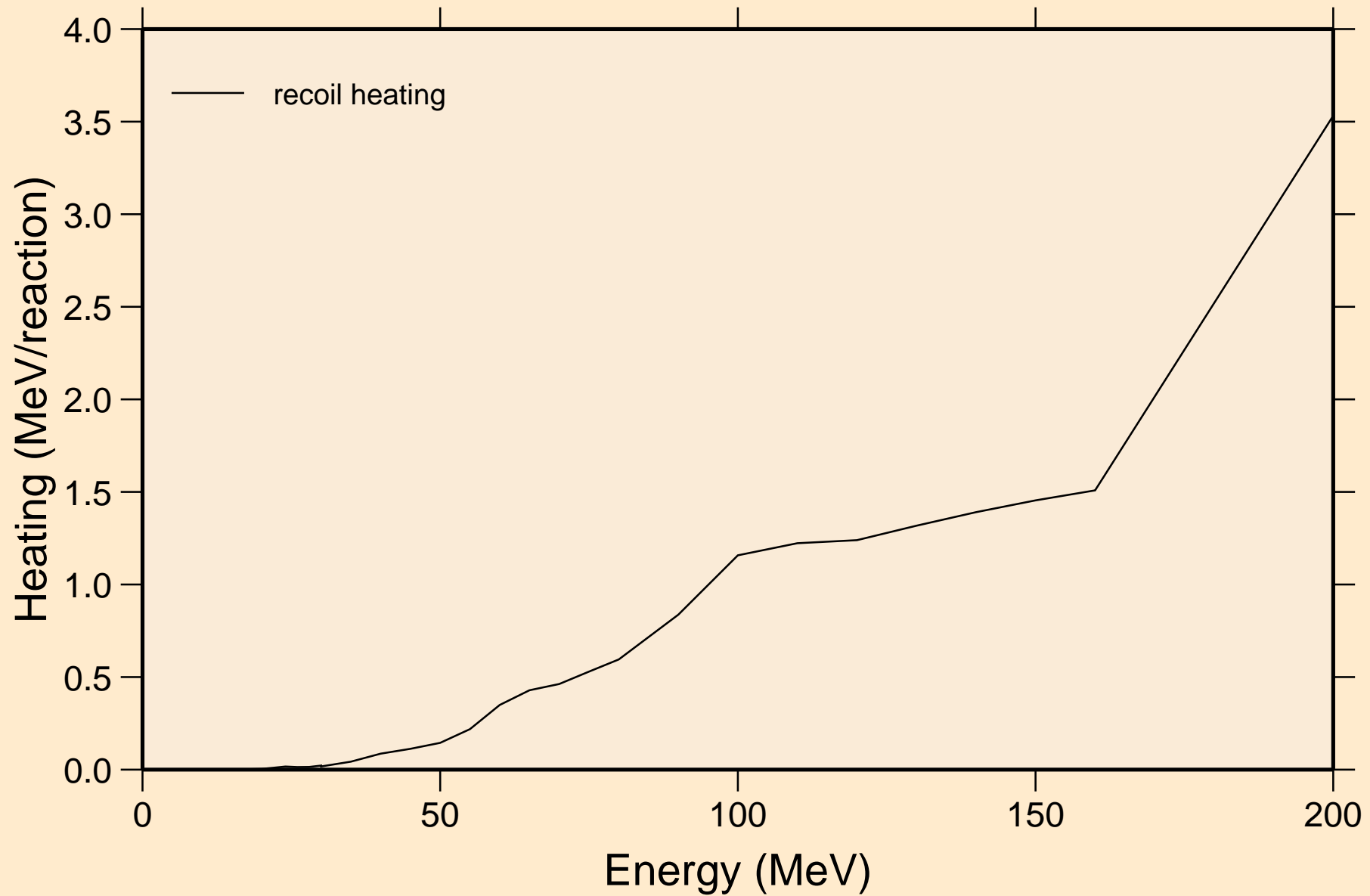




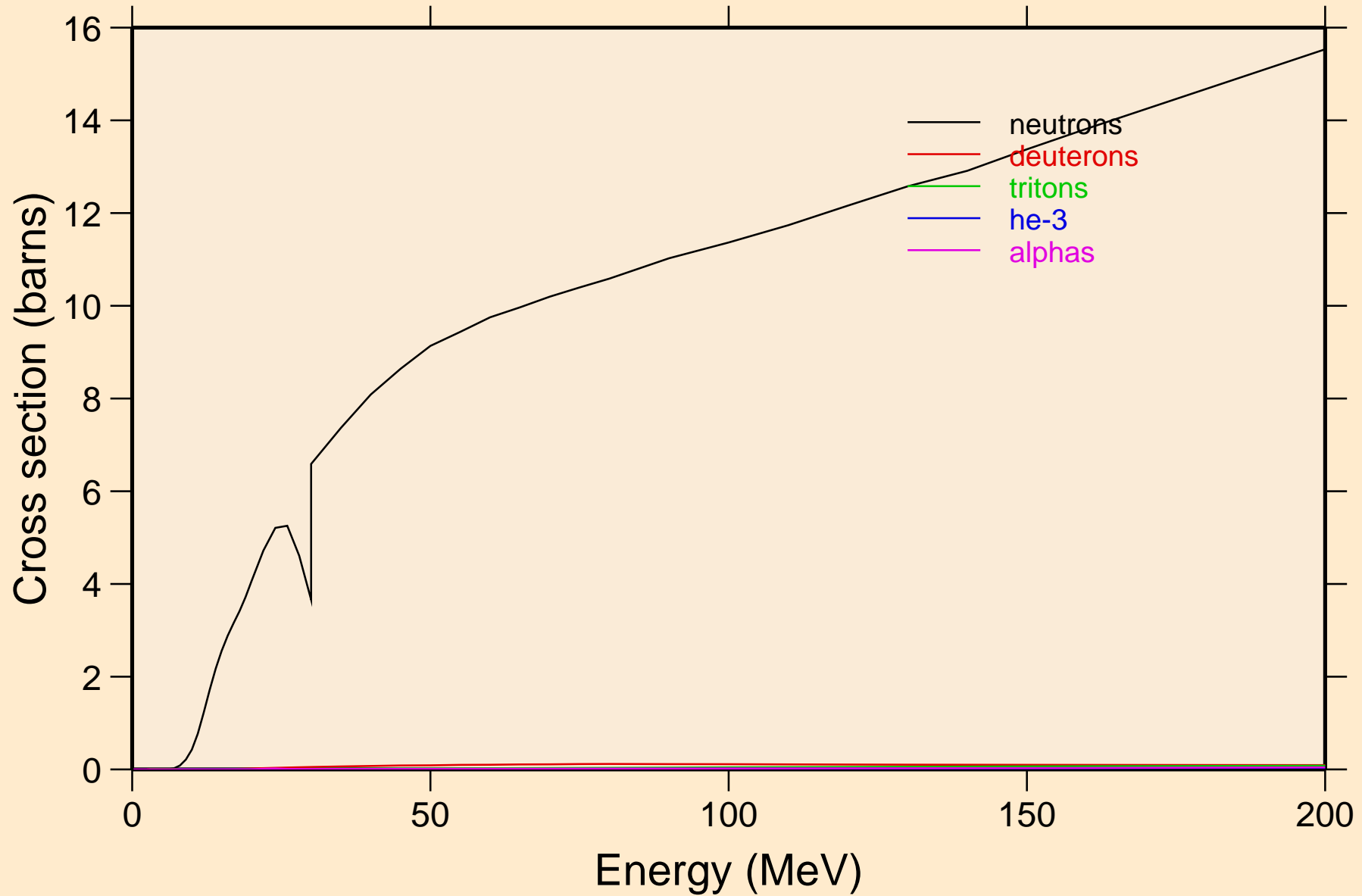
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Particle heating contributions



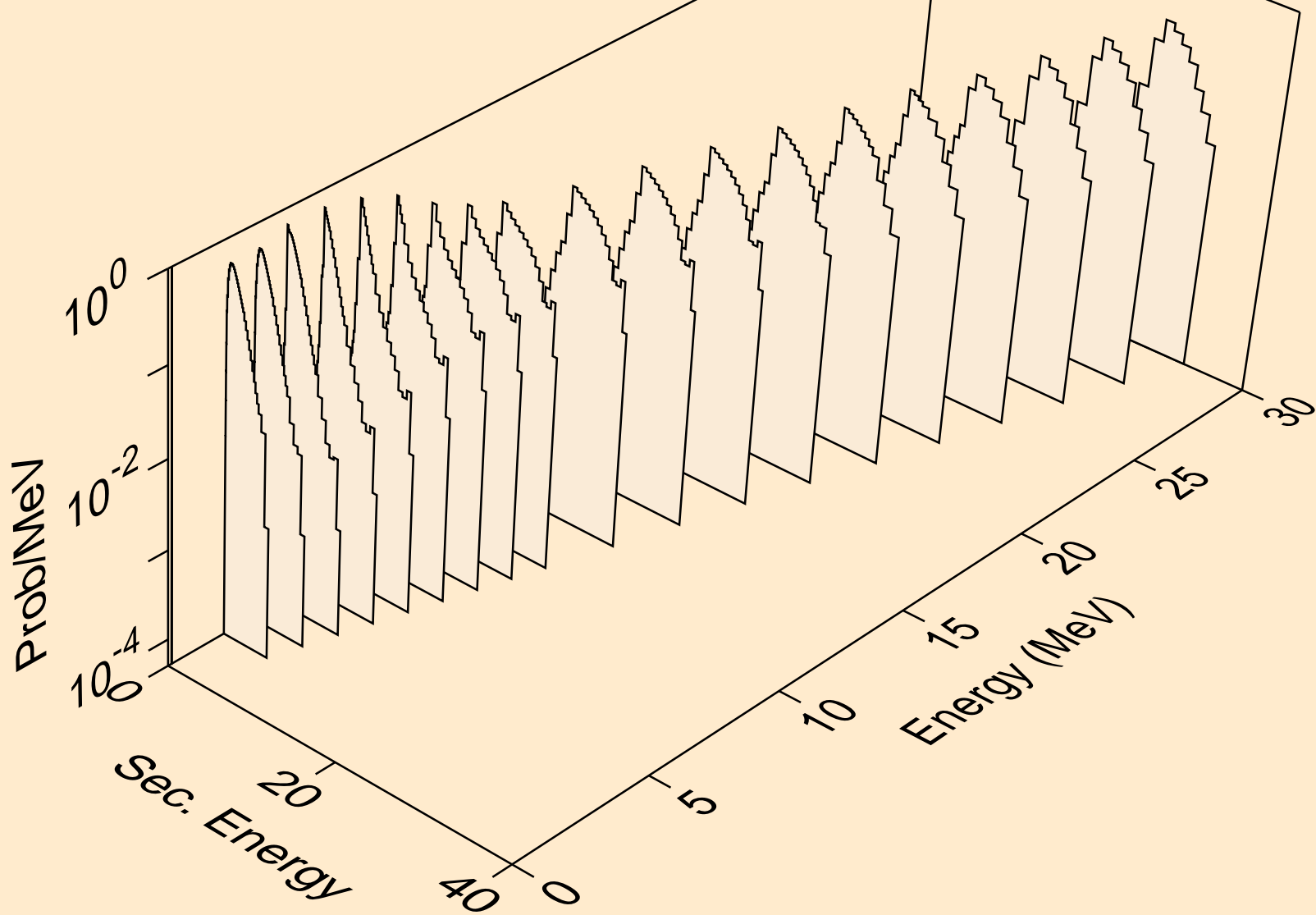
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Recoil Heating



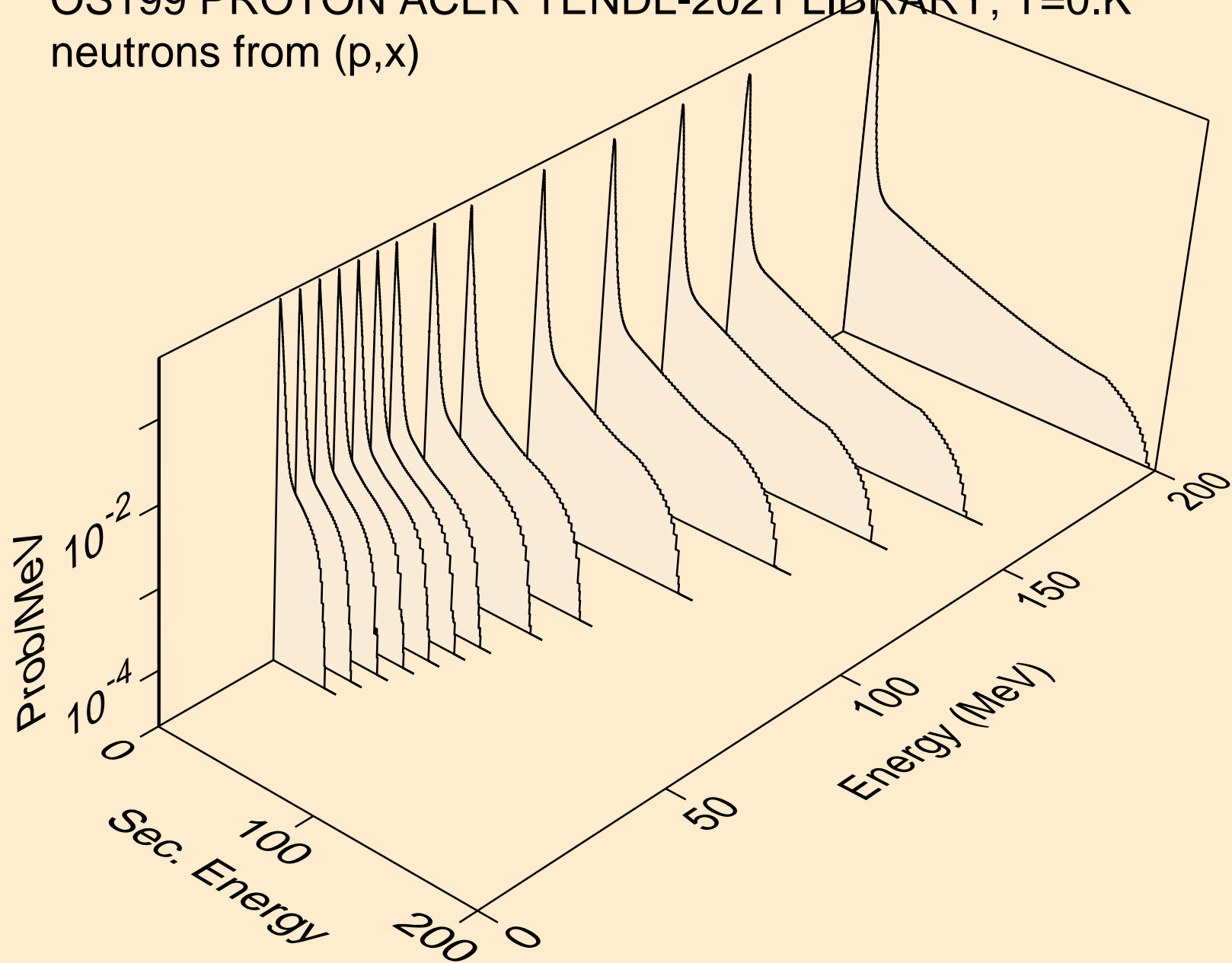
OS199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



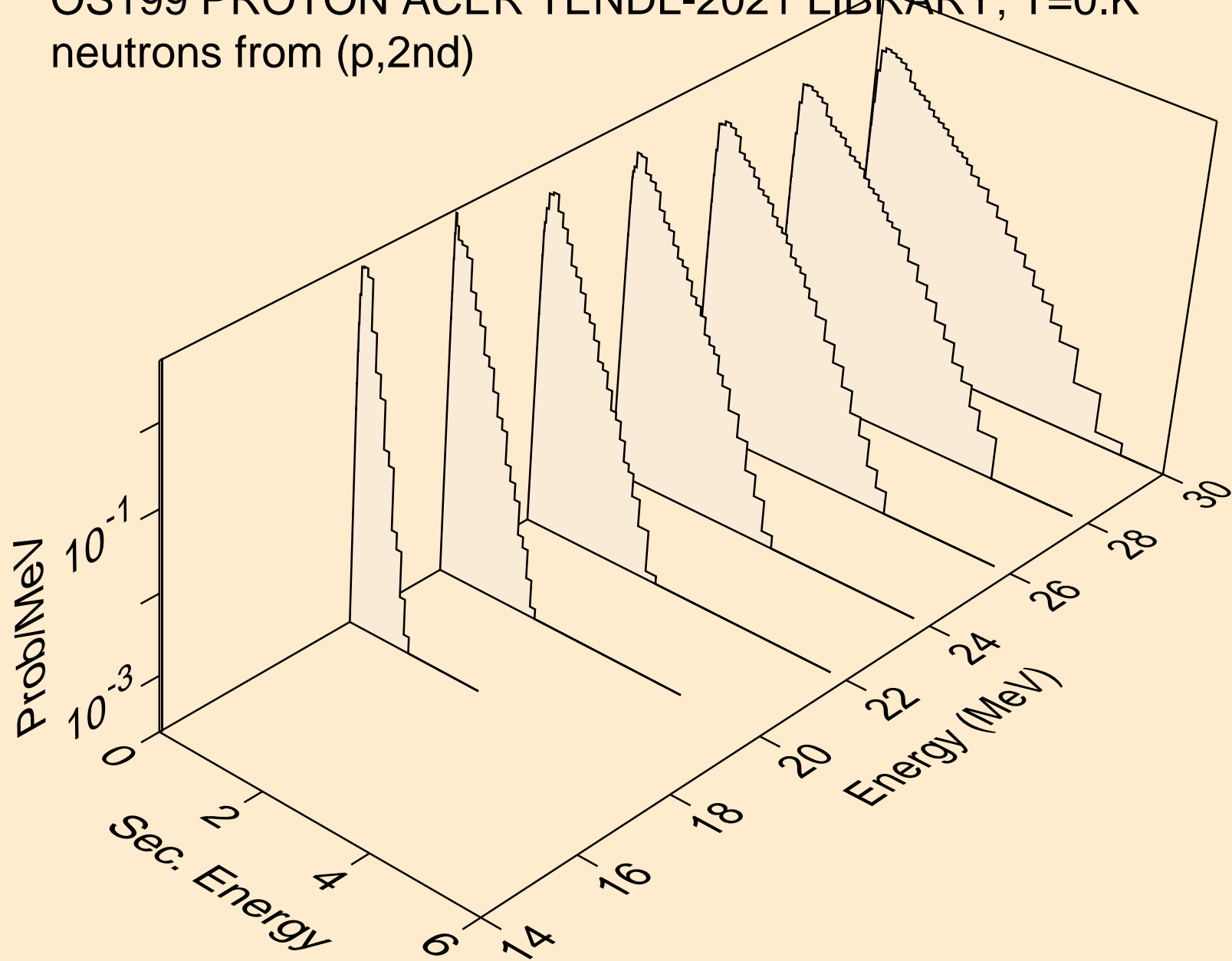
OS199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n)



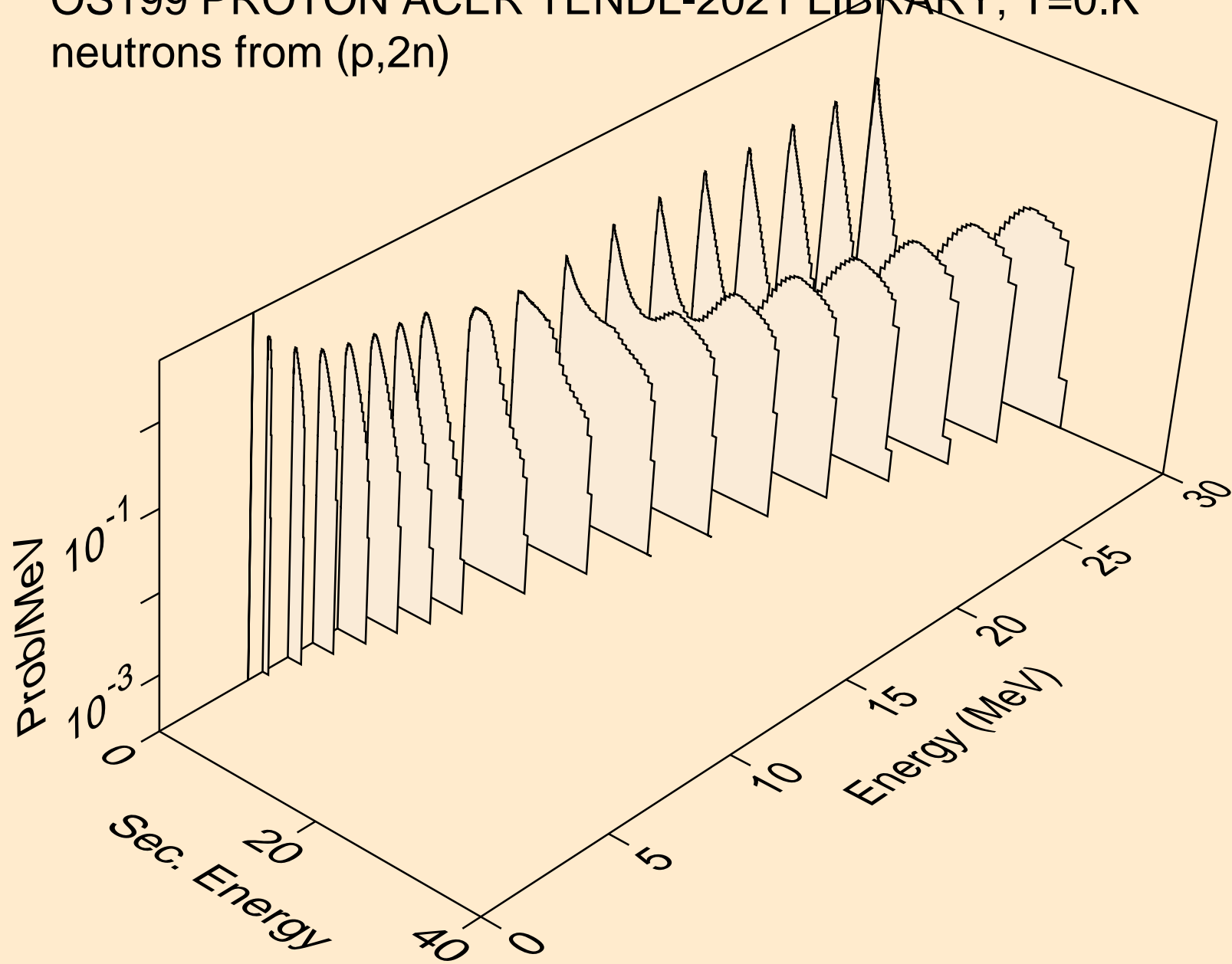
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neutrons from (p,x)



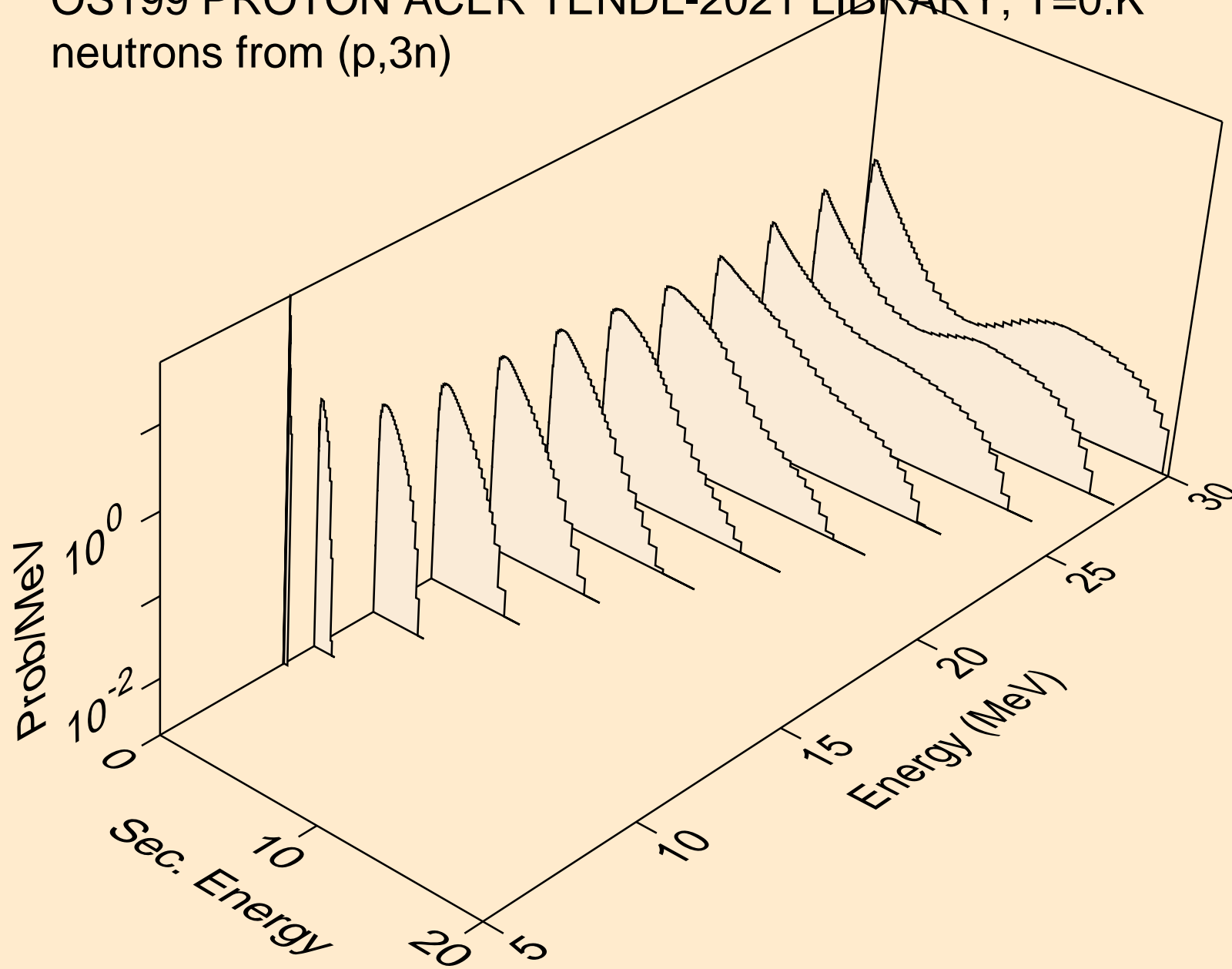
OS199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2nd)



OS199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2n)

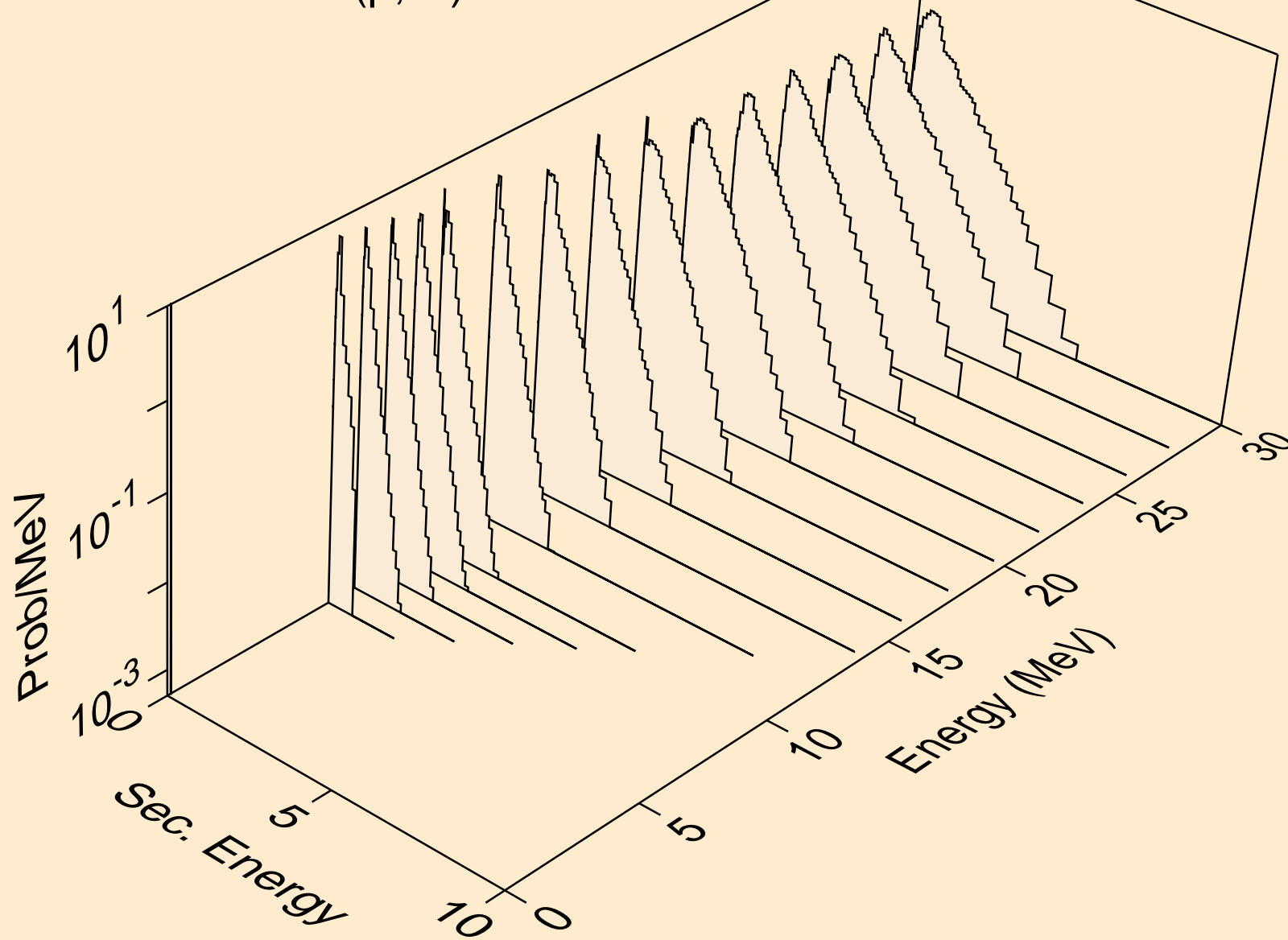


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neutrons from (p,3n)

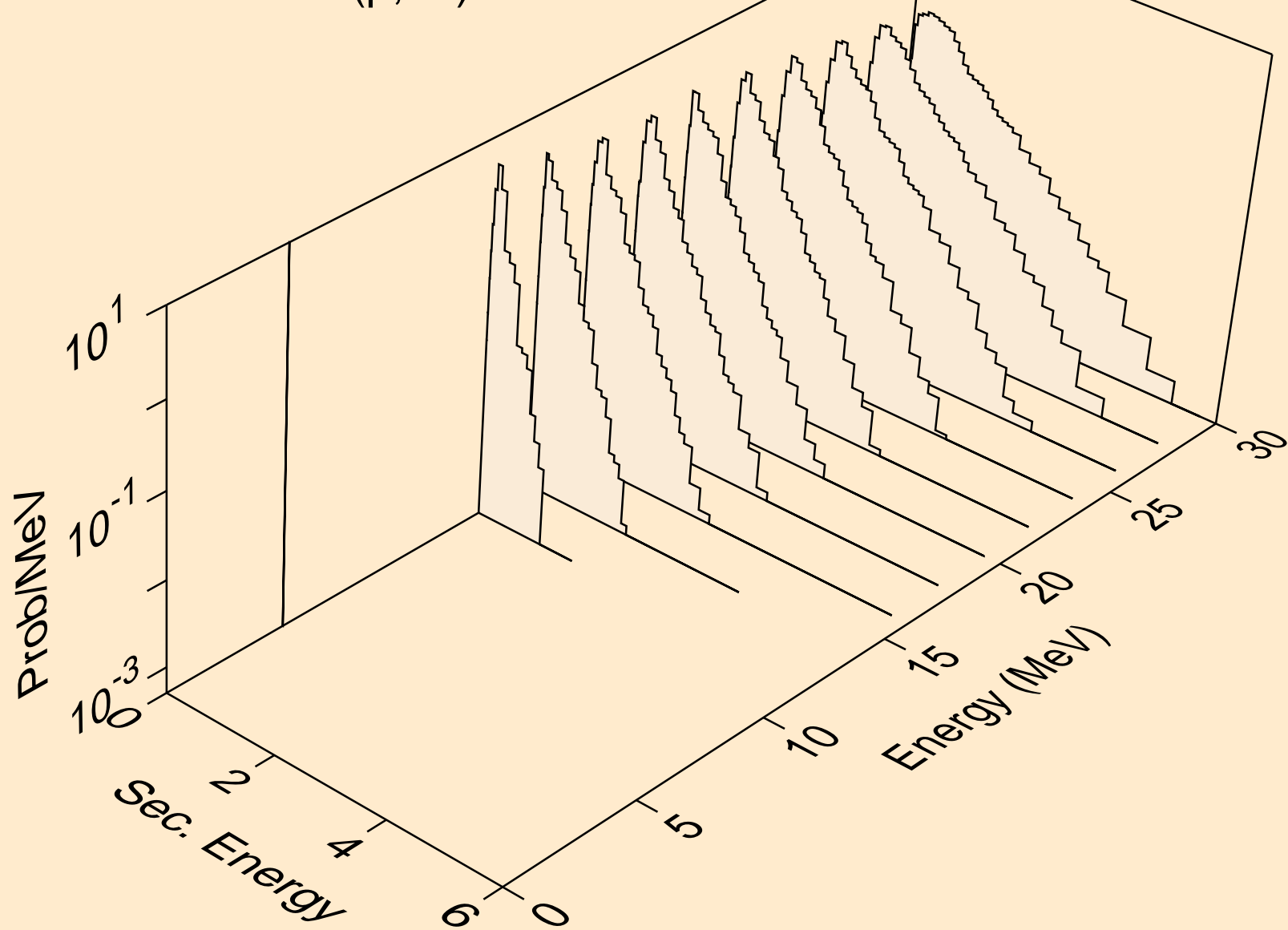




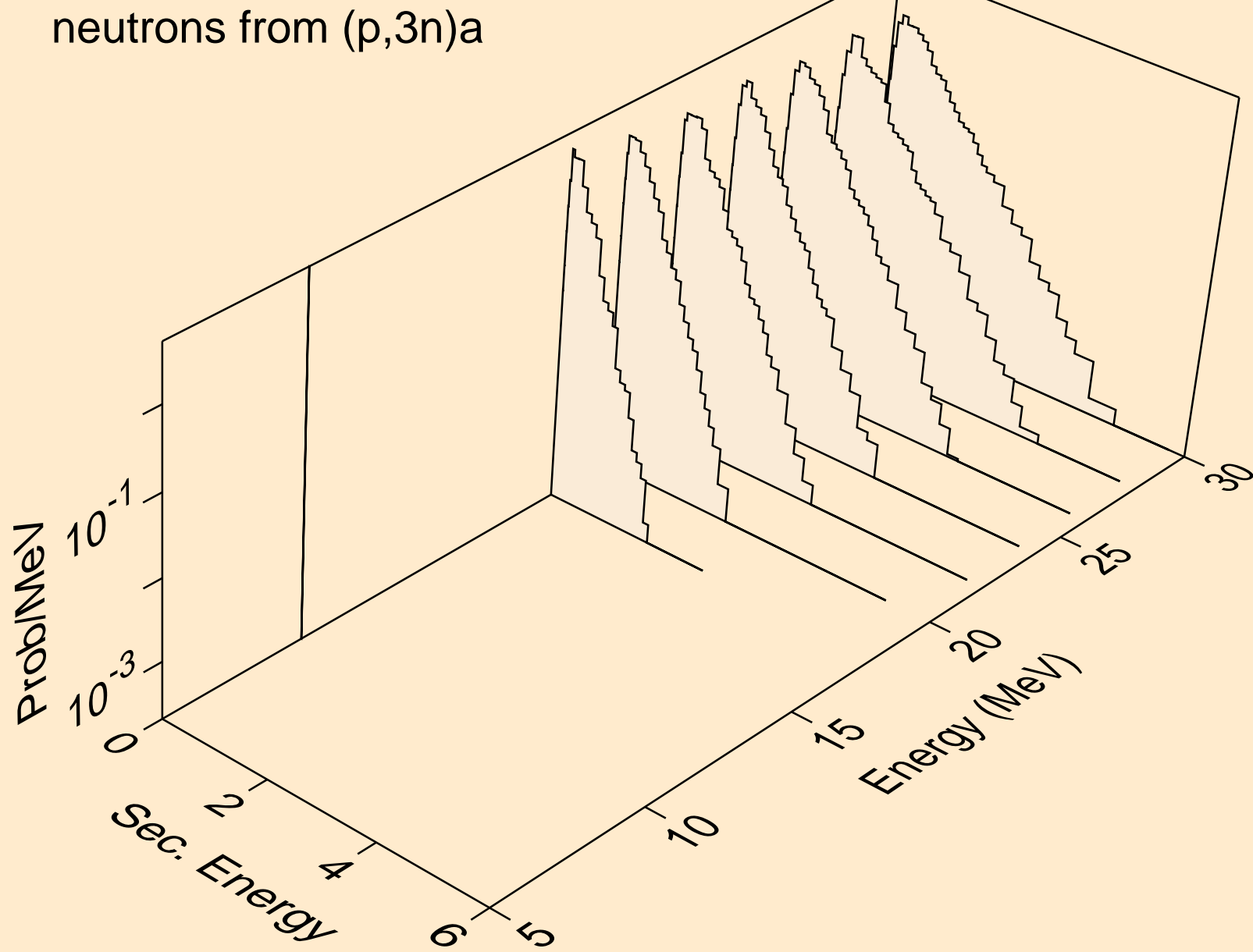
OS199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)a



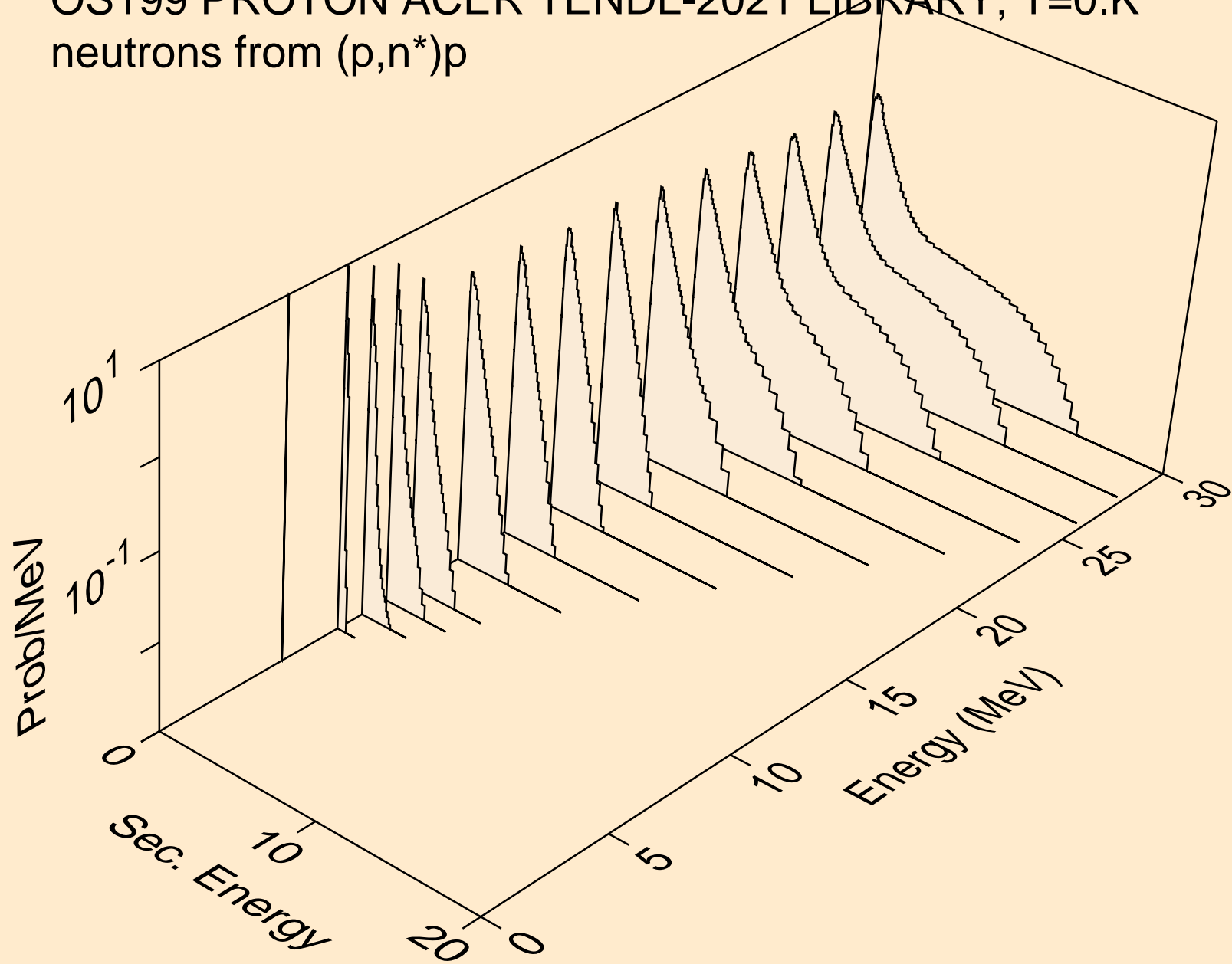
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neutrons from (p,2n)a



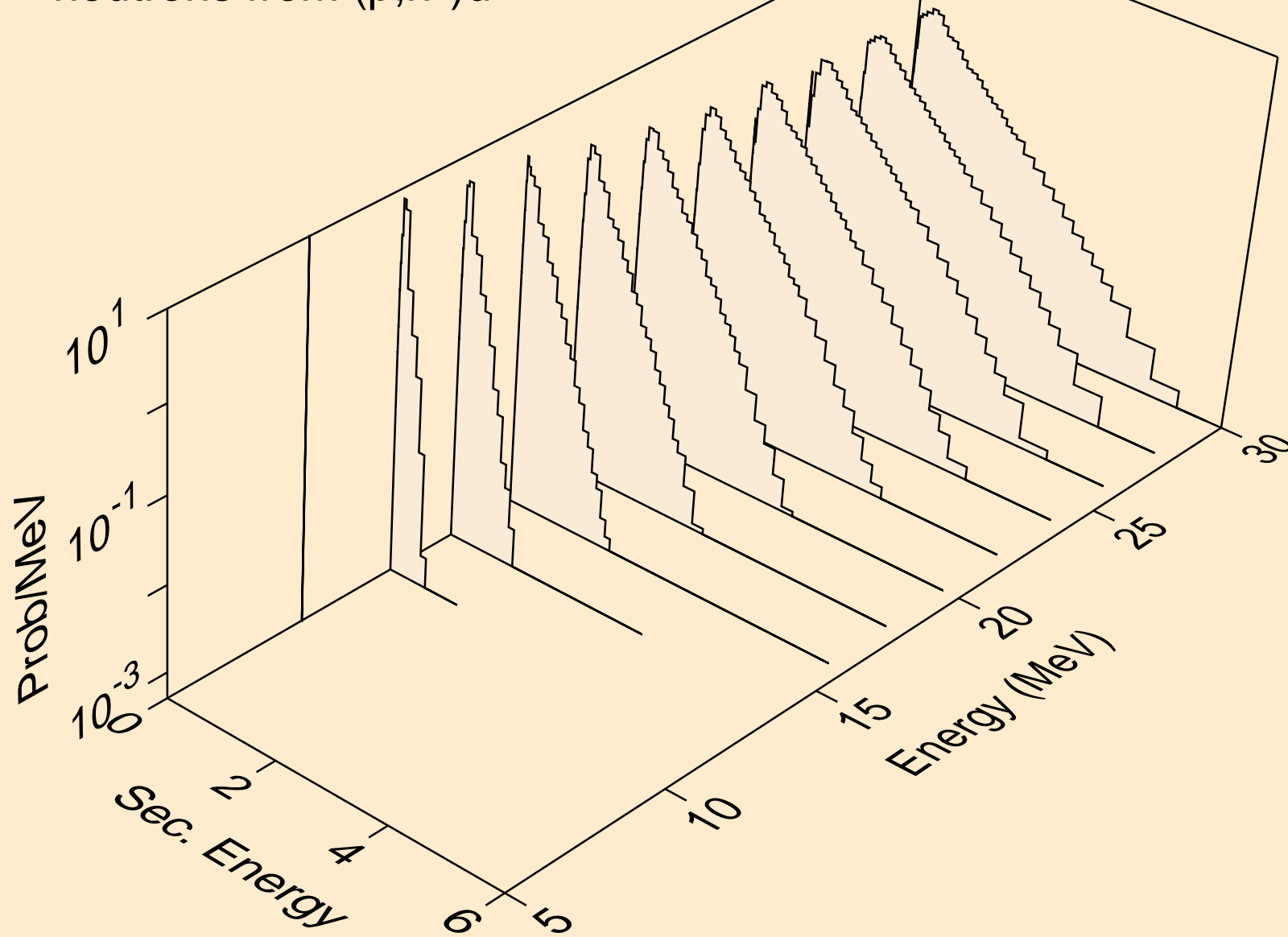
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neutrons from (p,3n)a



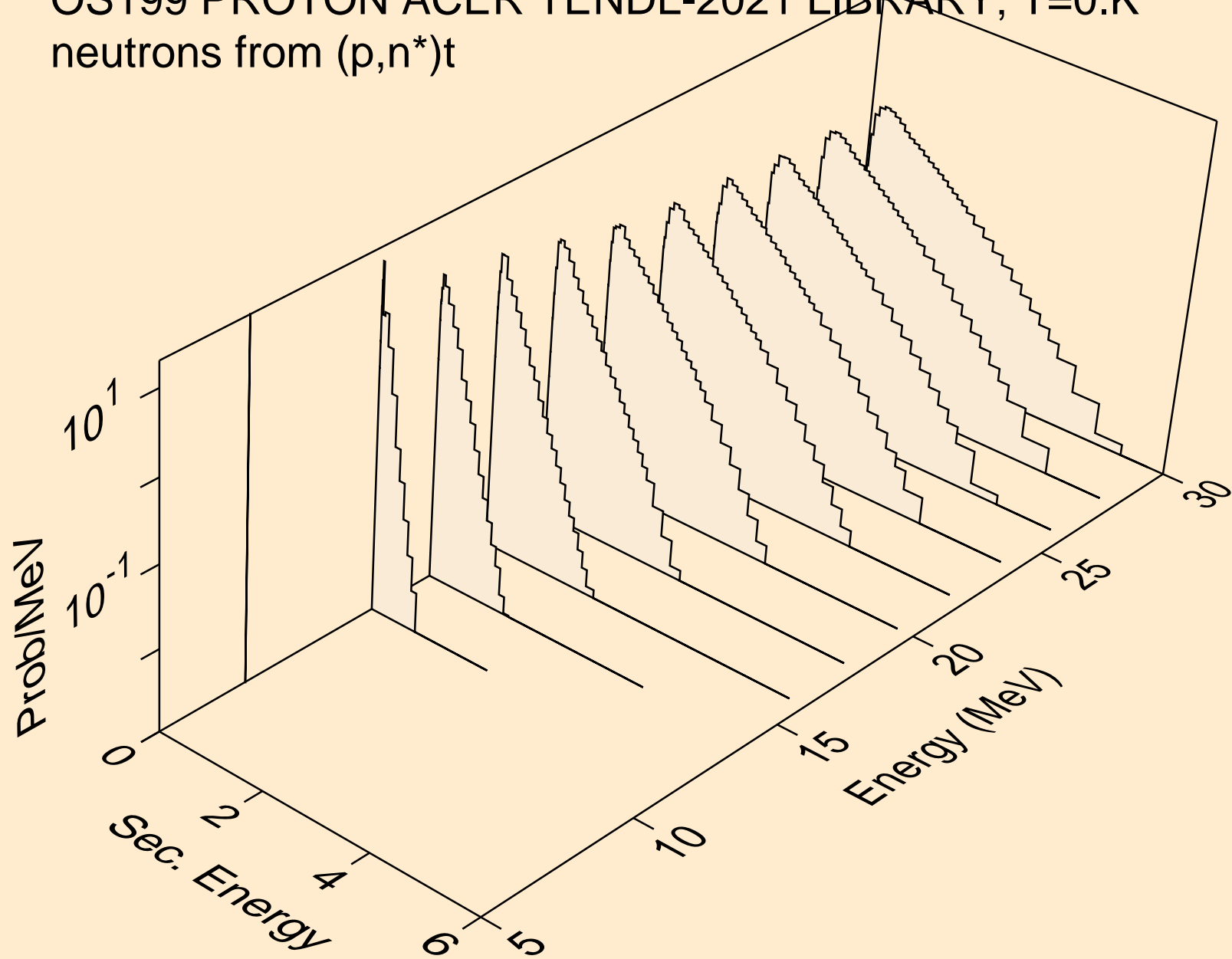
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neutrons from (p,n\*)p



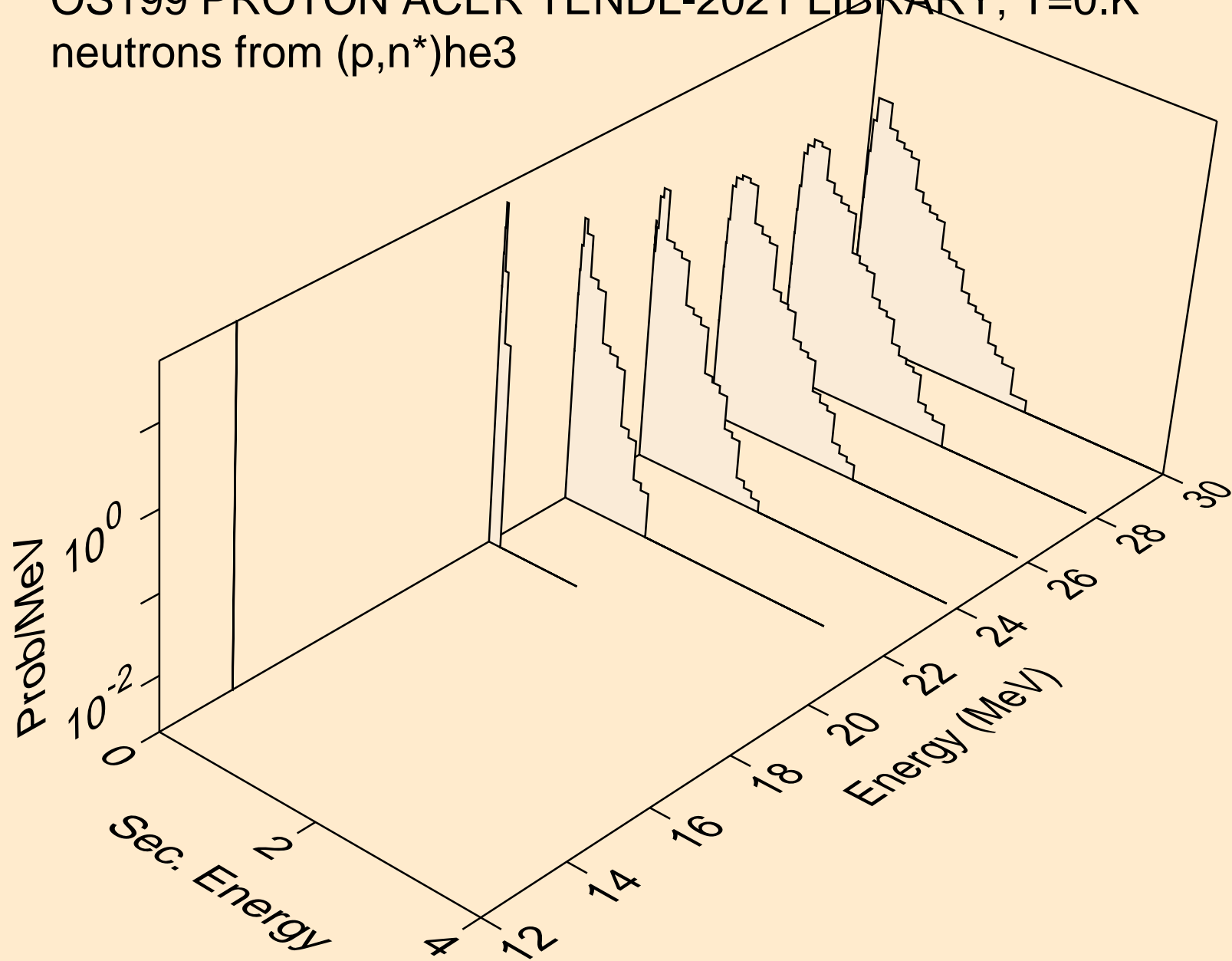
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neutrons from (p,n\*)d



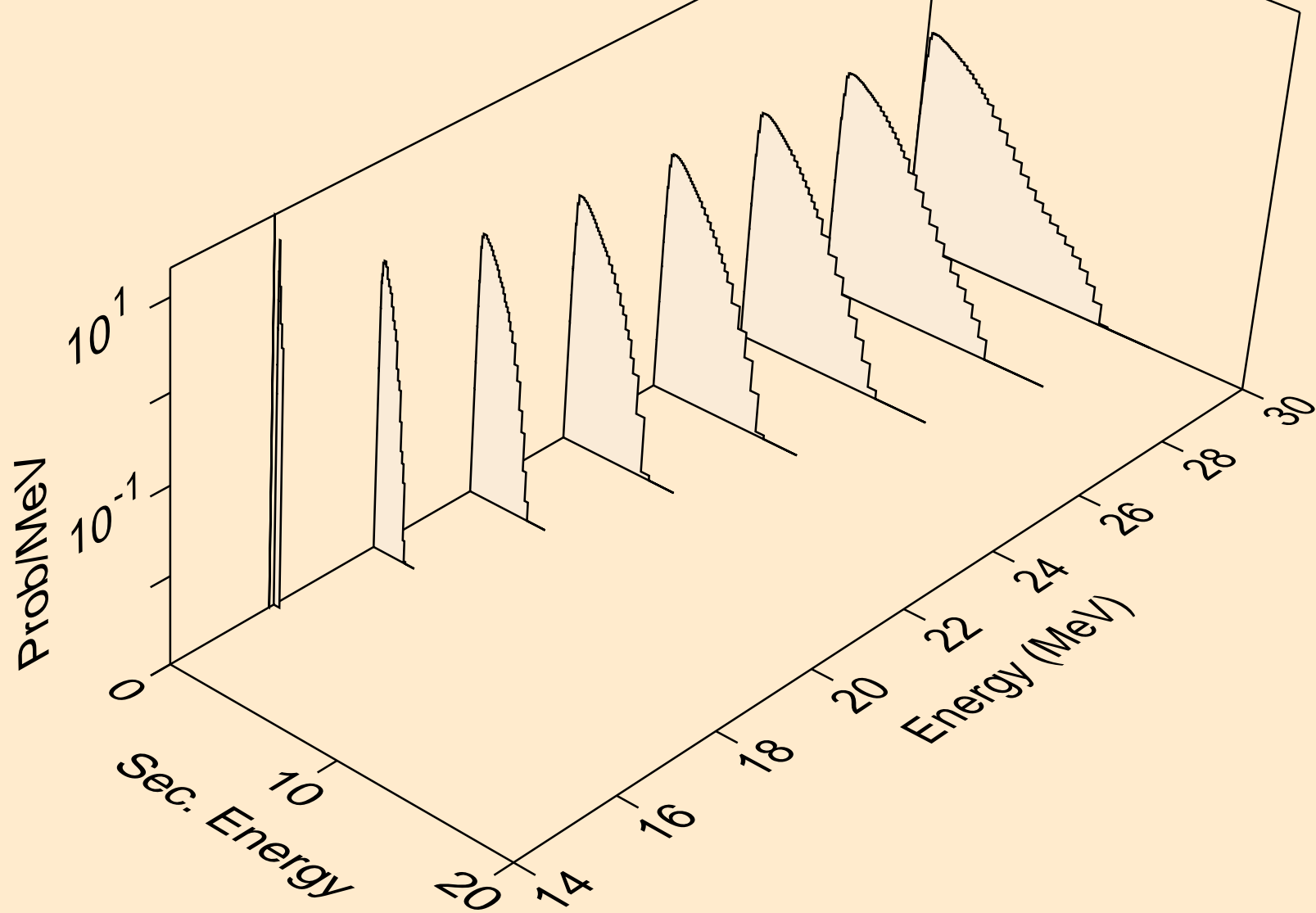
OS199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)t



OS199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)he3

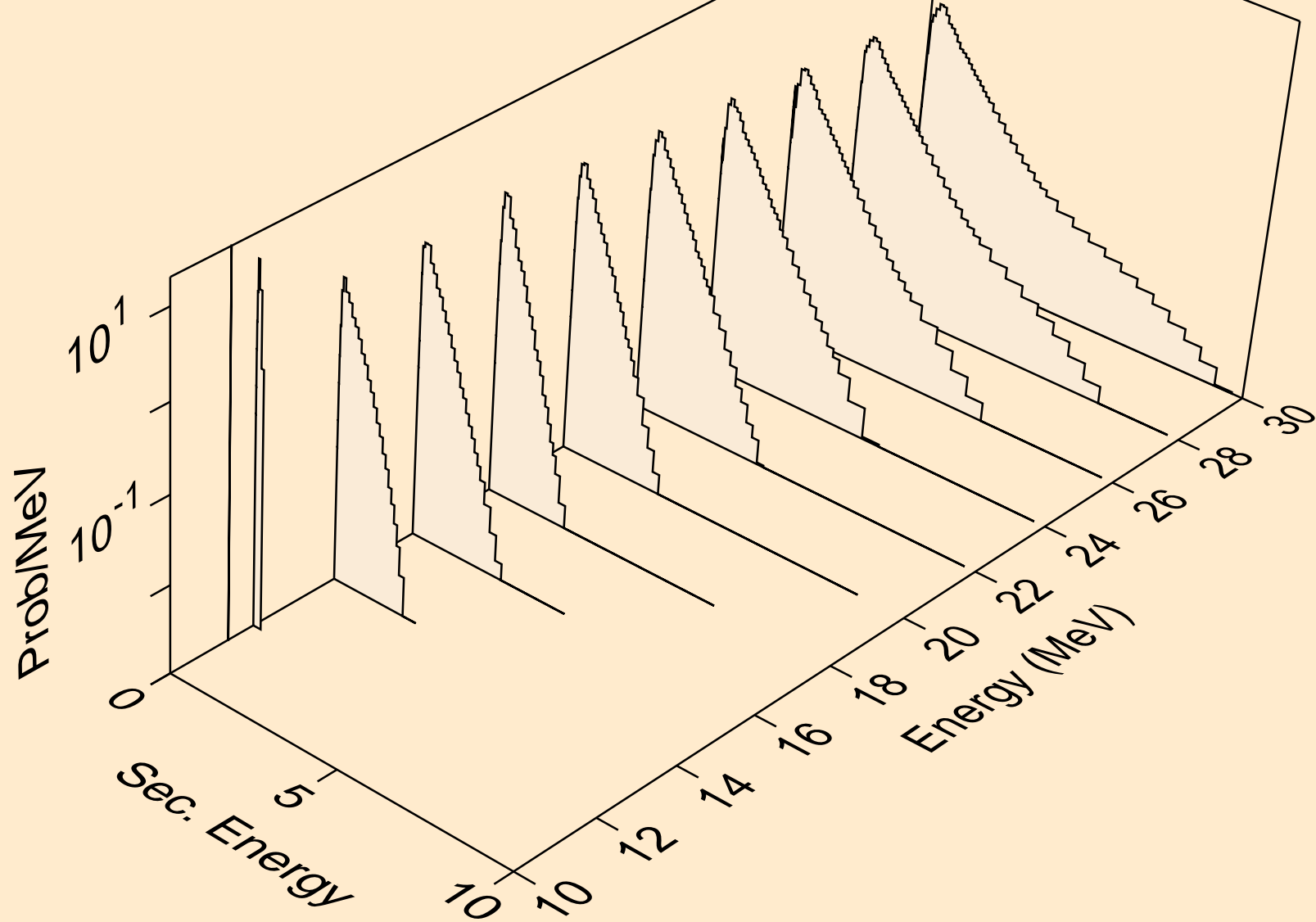


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neutrons from (p,4n)

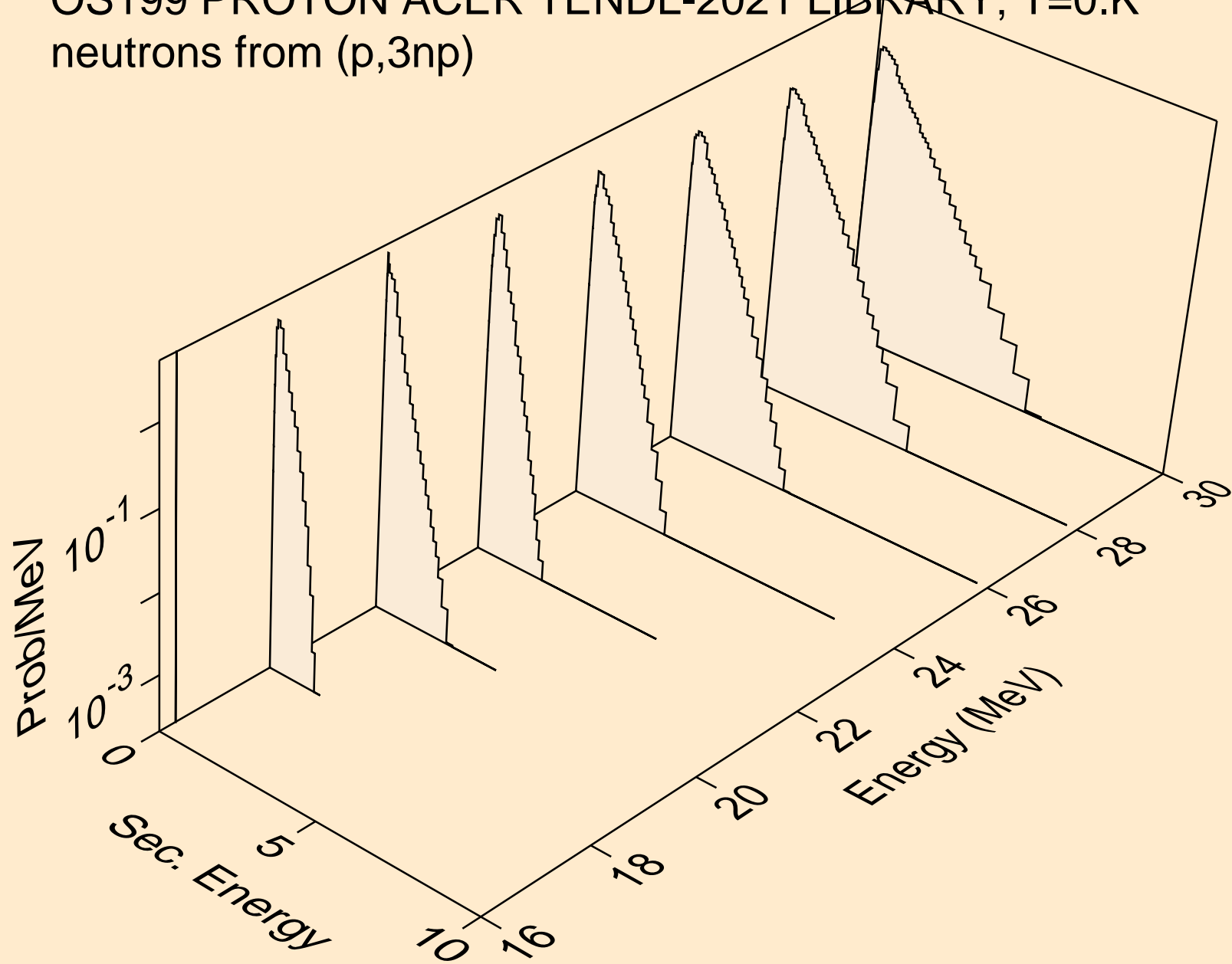




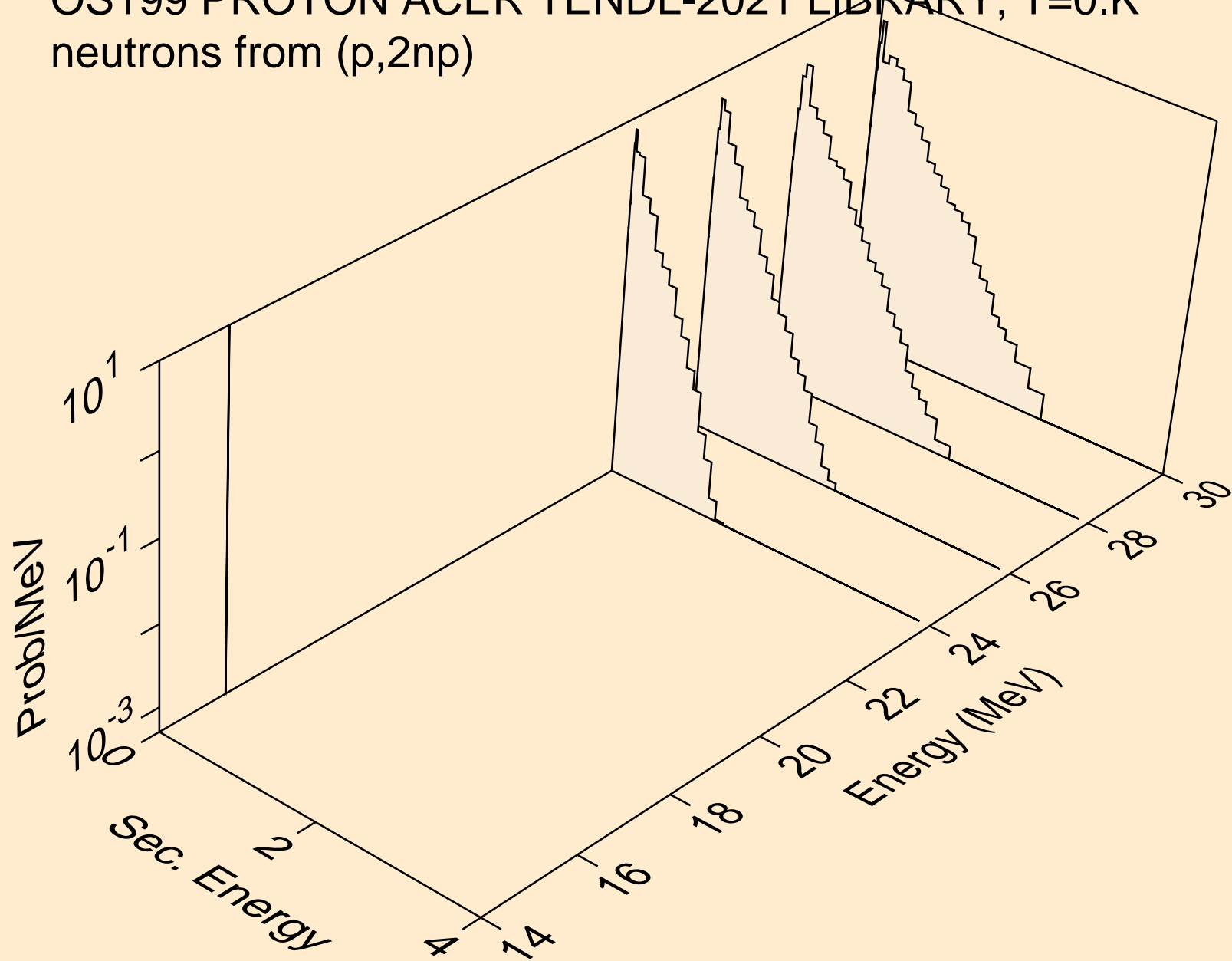
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neutrons from (p,2np)



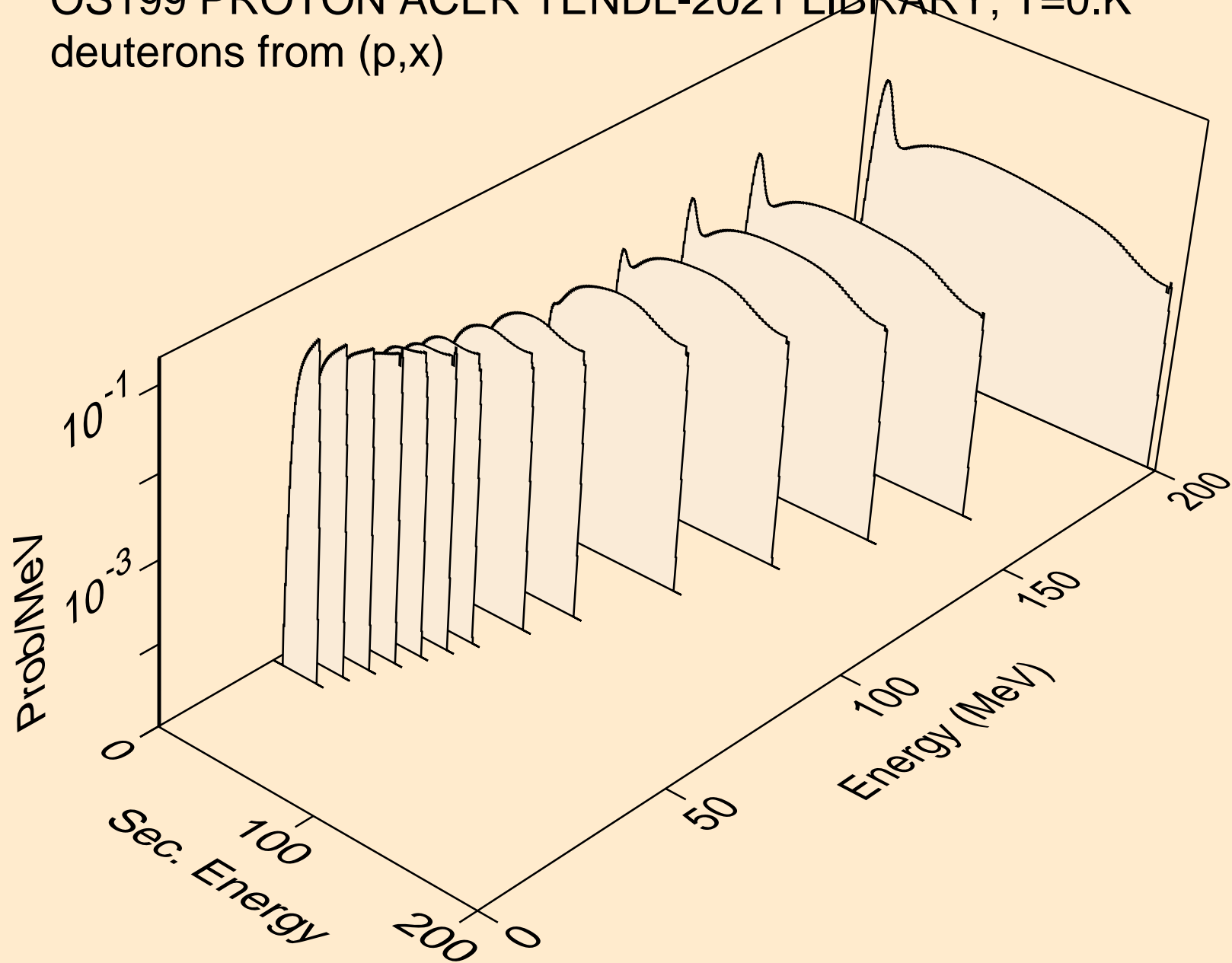
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neutrons from (p,3np)



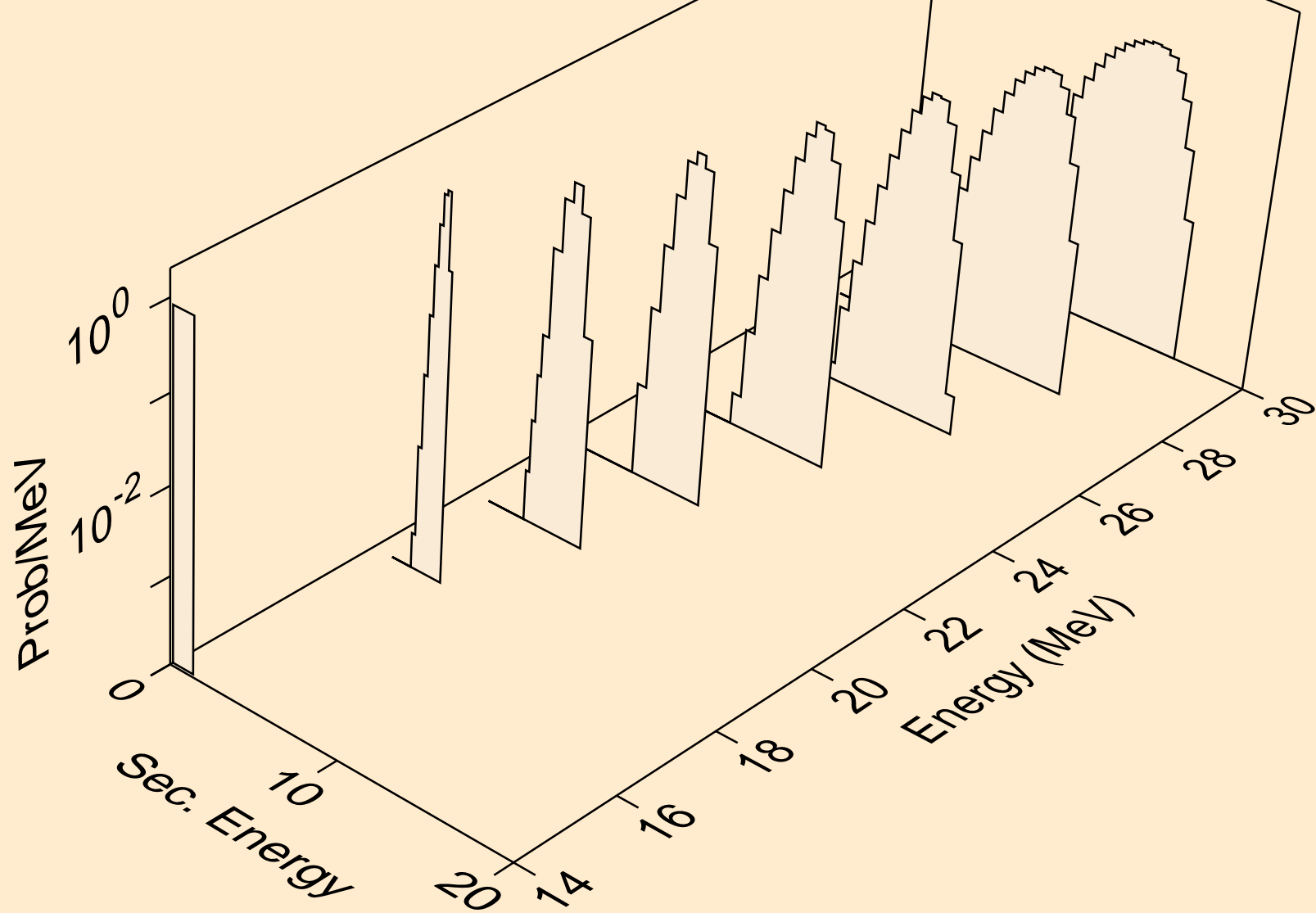
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neutrons from (p,2np)



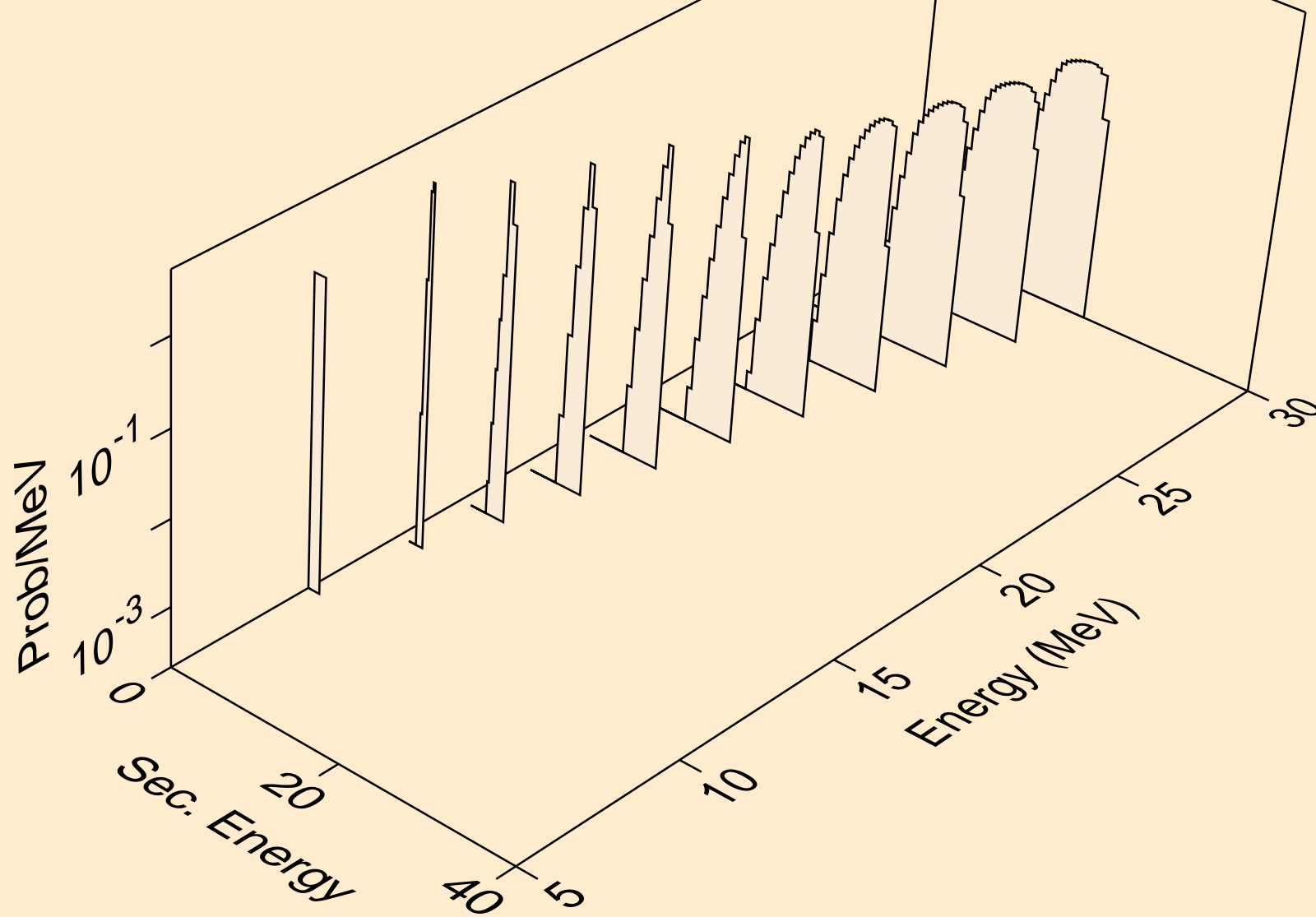
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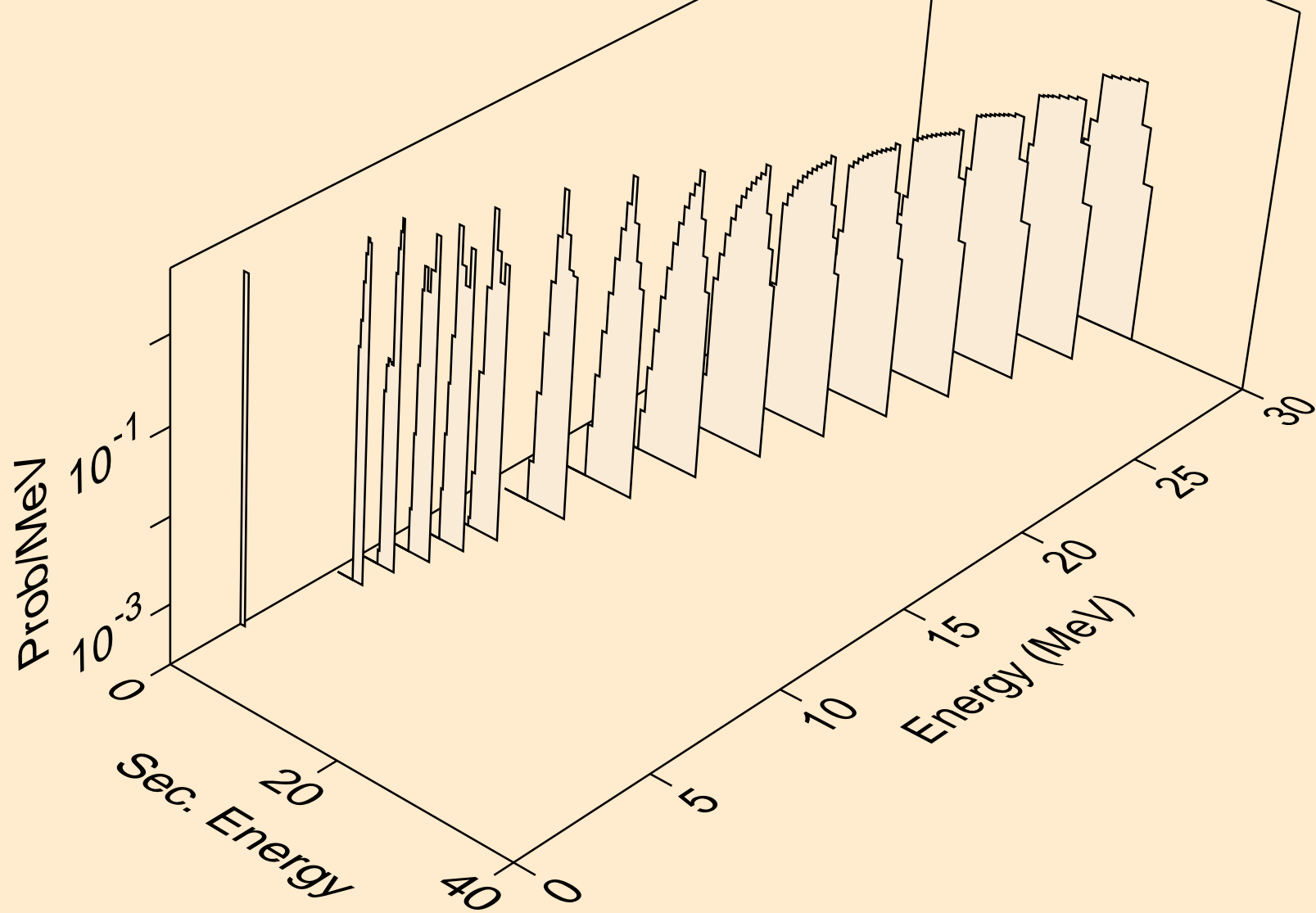
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deuterons from (p,2nd)



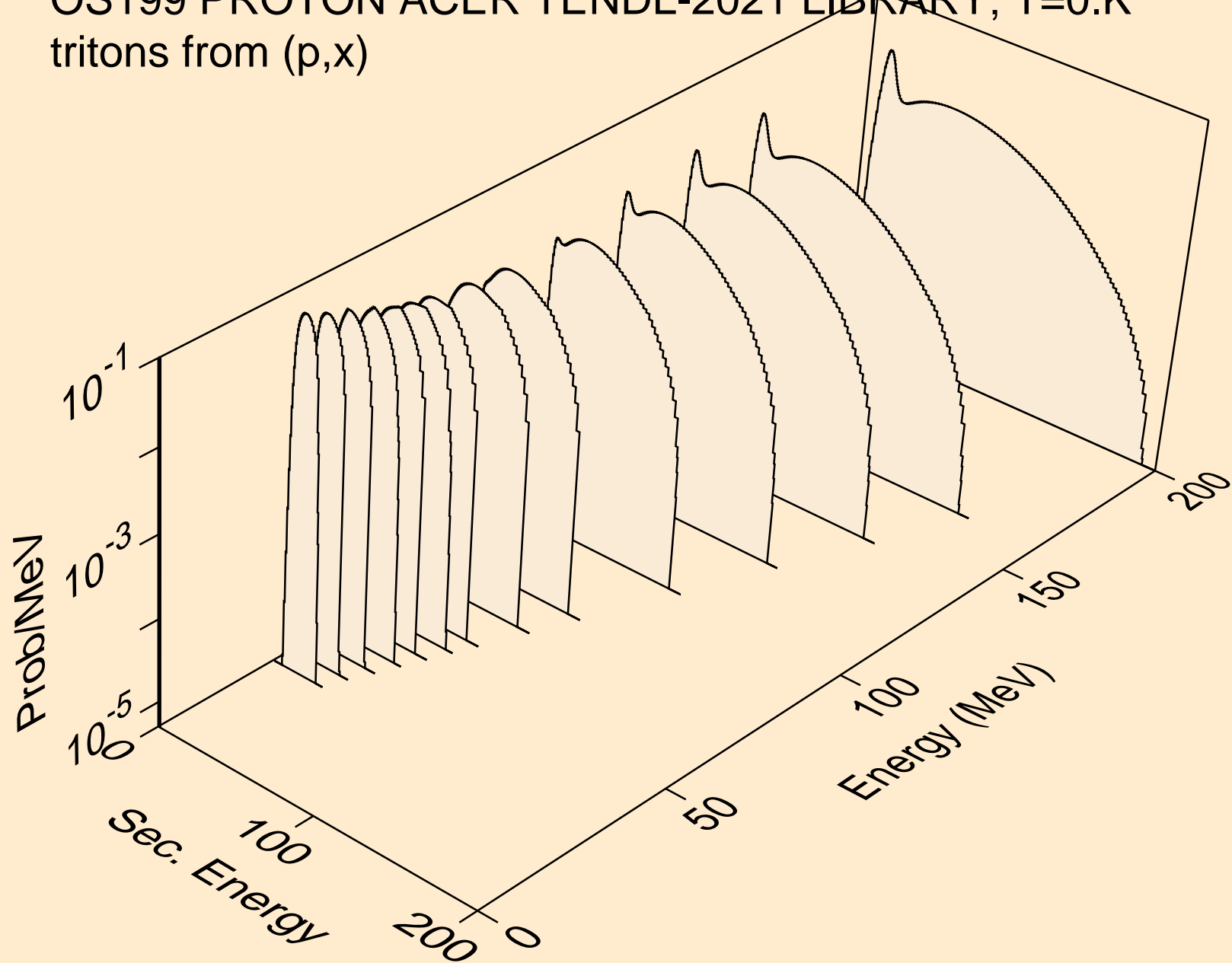
OS199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,n\*)d



OS199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,d)

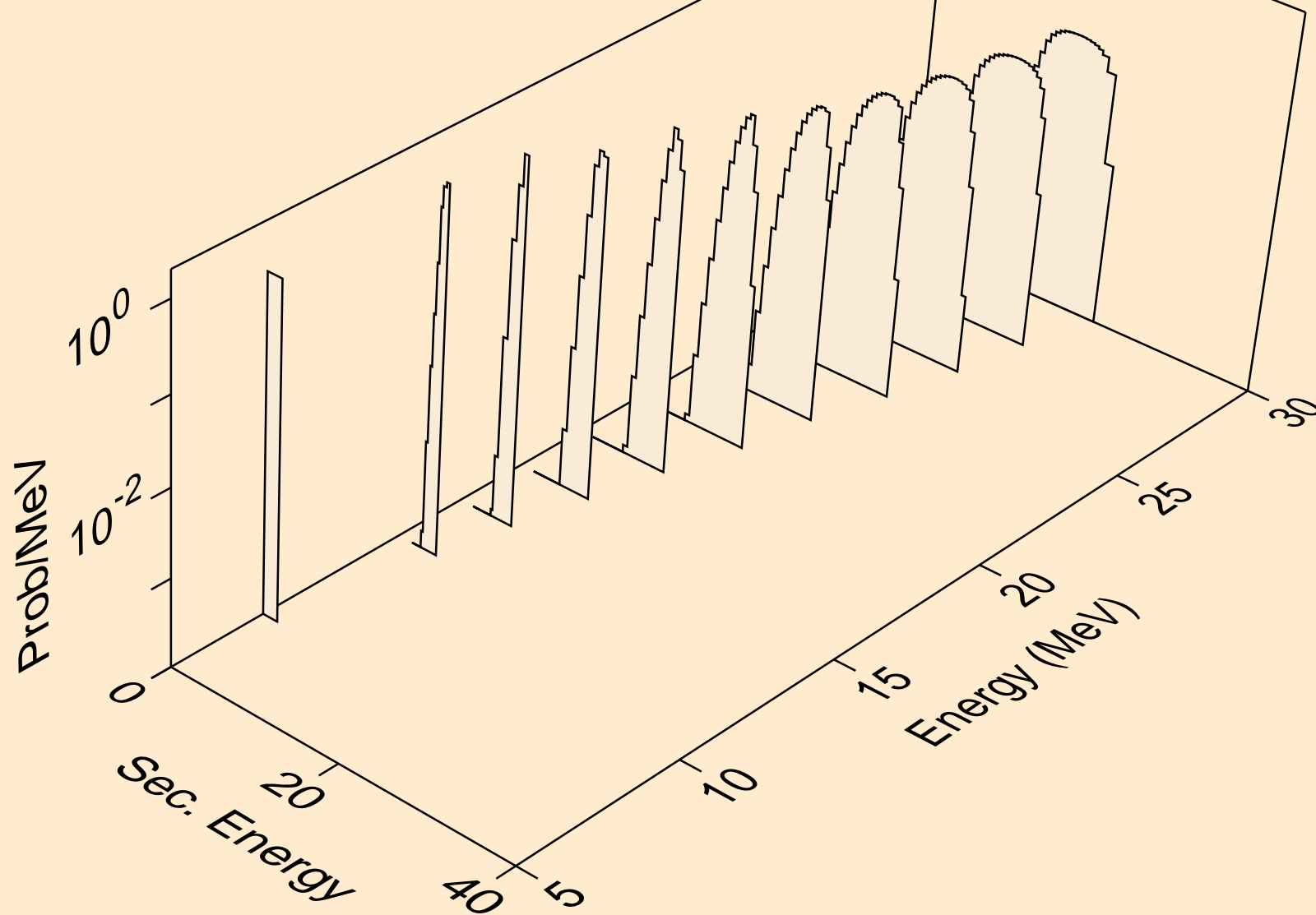


OS199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,x)

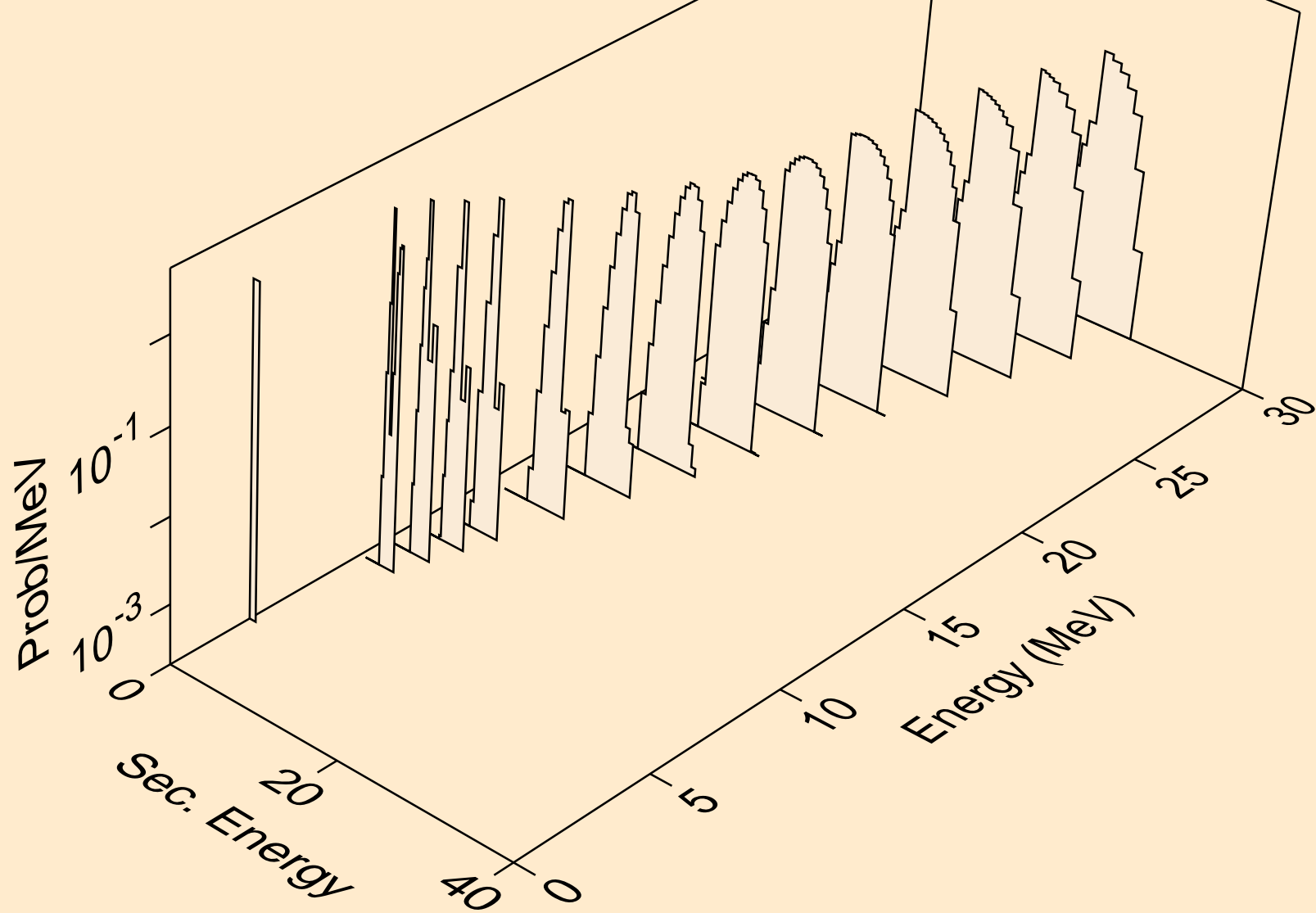




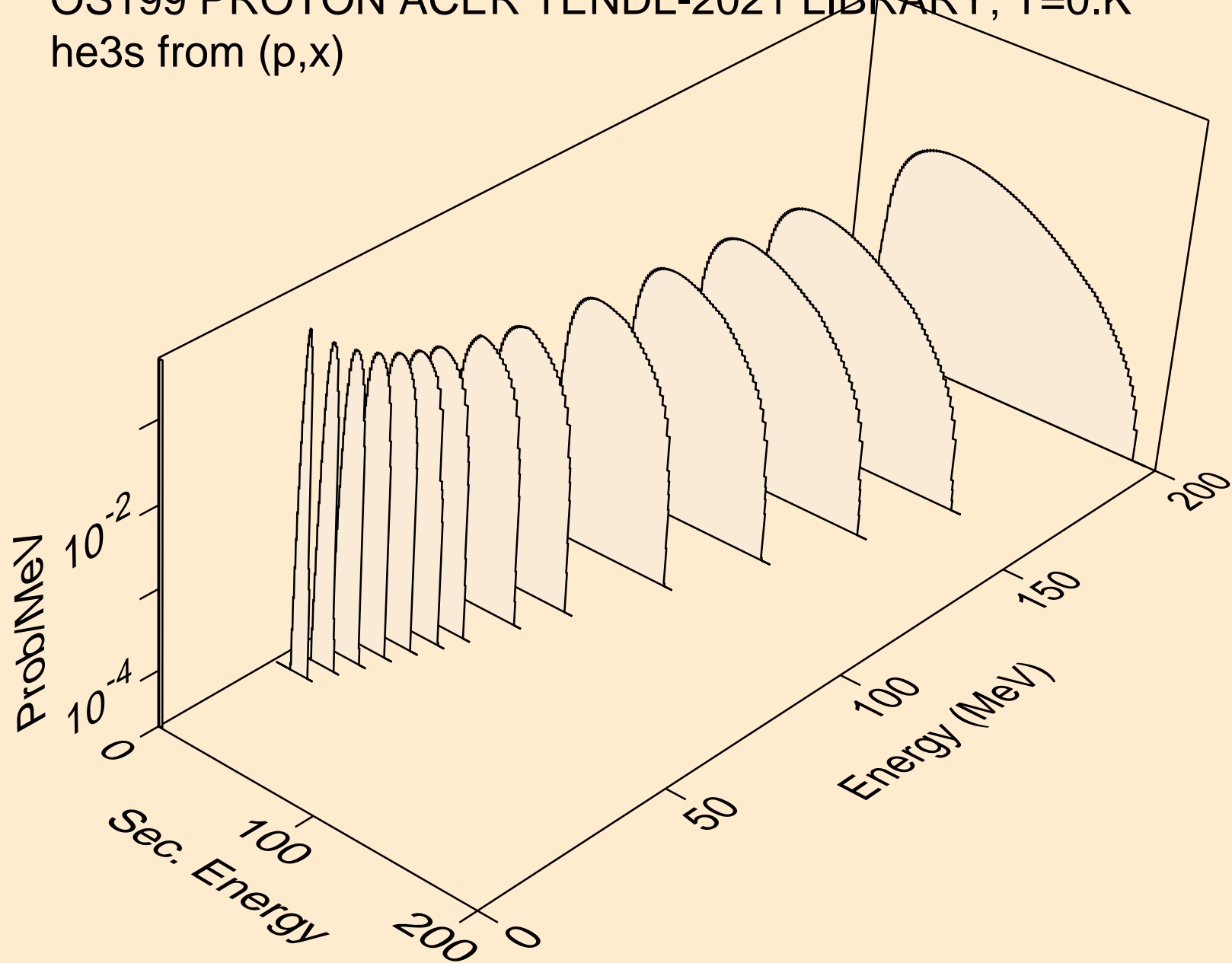
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tritons from (p,n\*)t



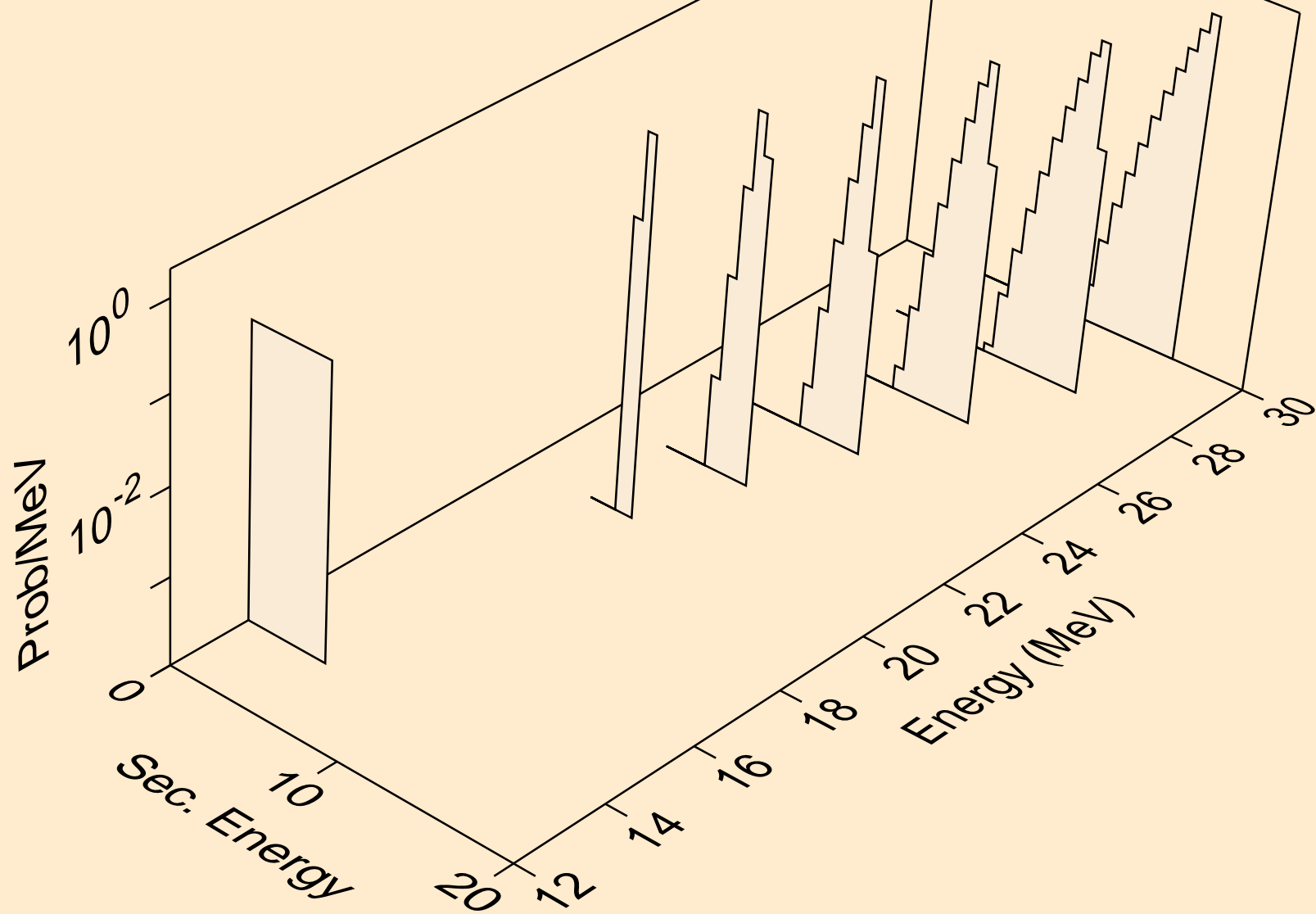
OS199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,t)



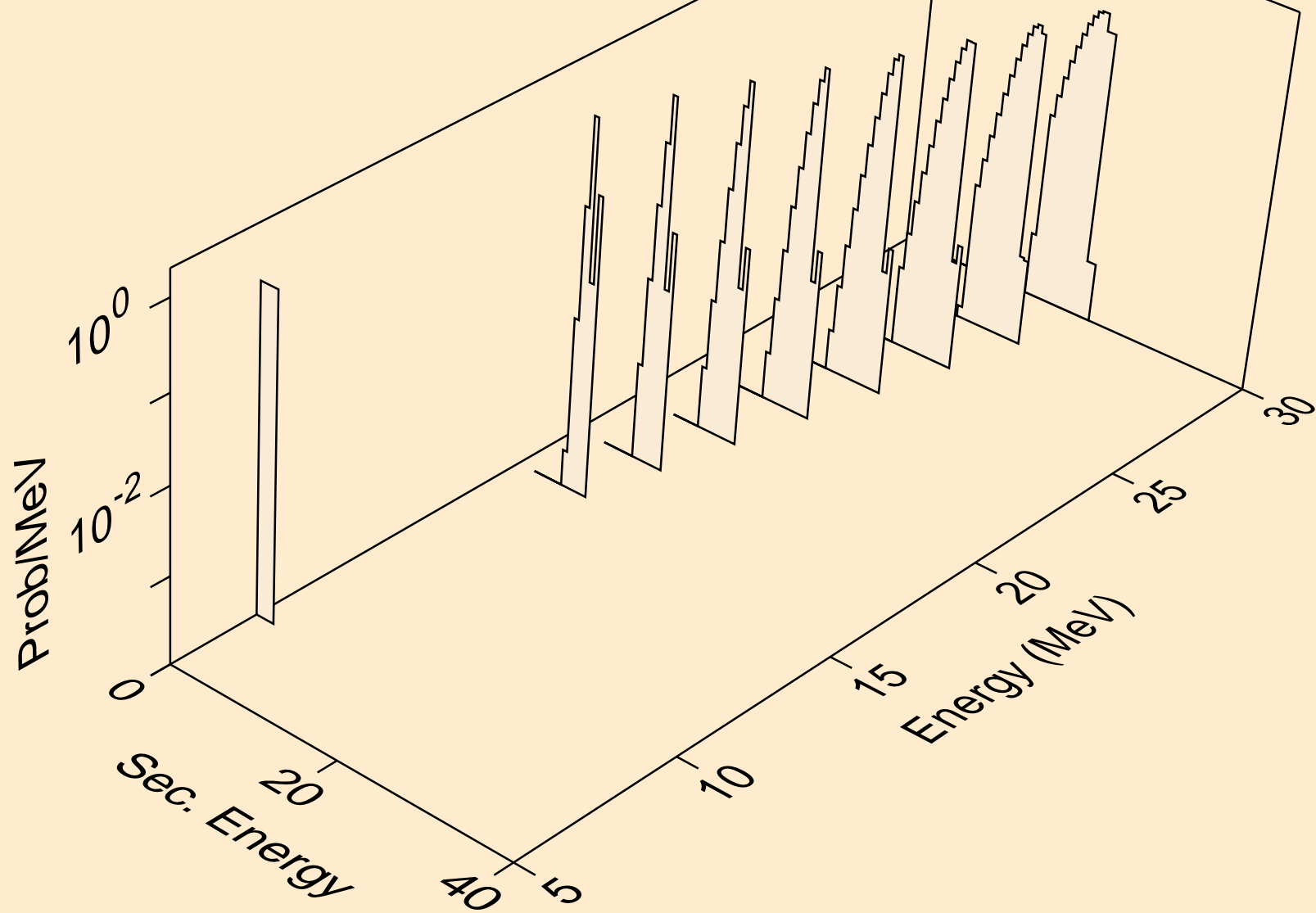
OS199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
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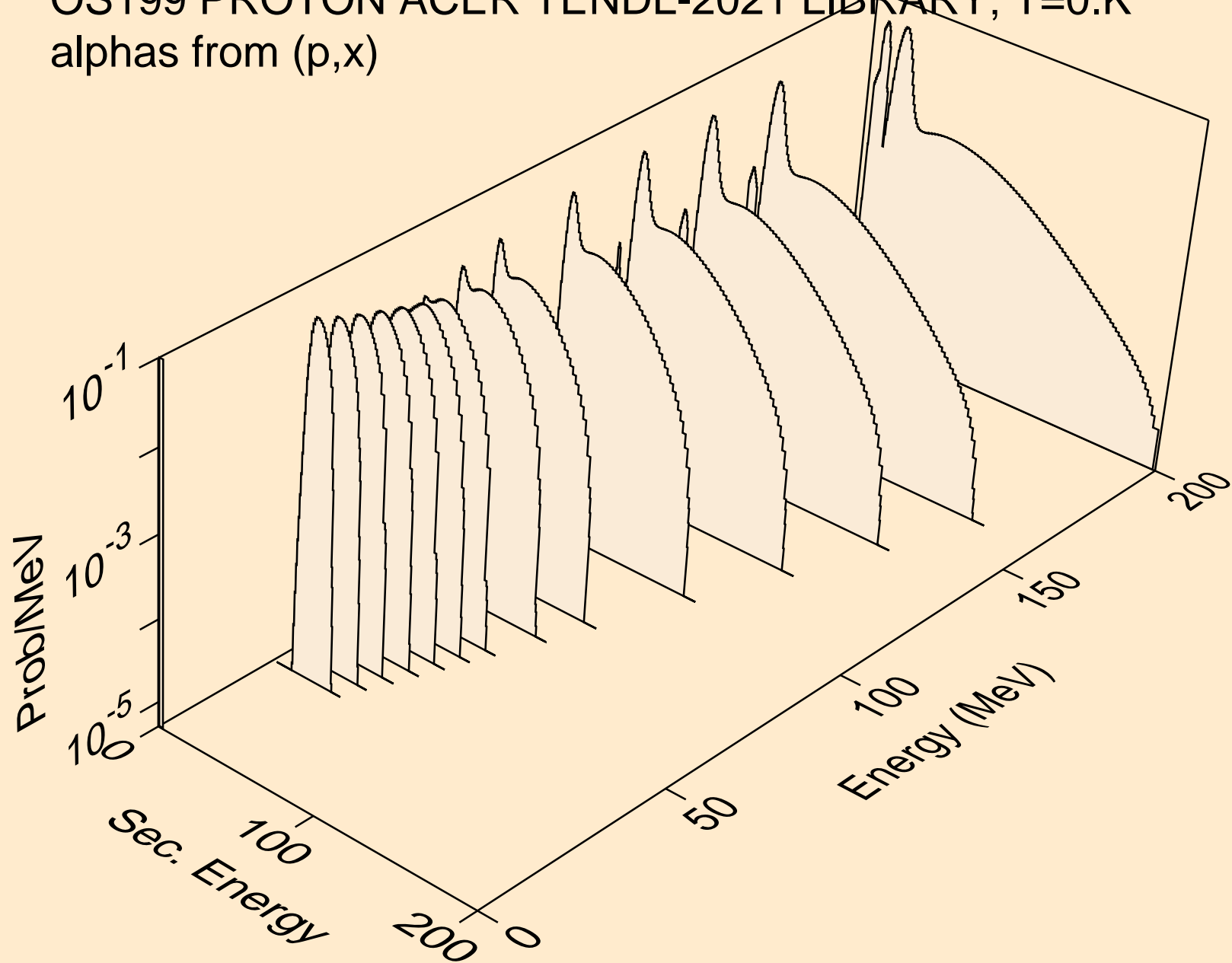
OS199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,n\*)he3



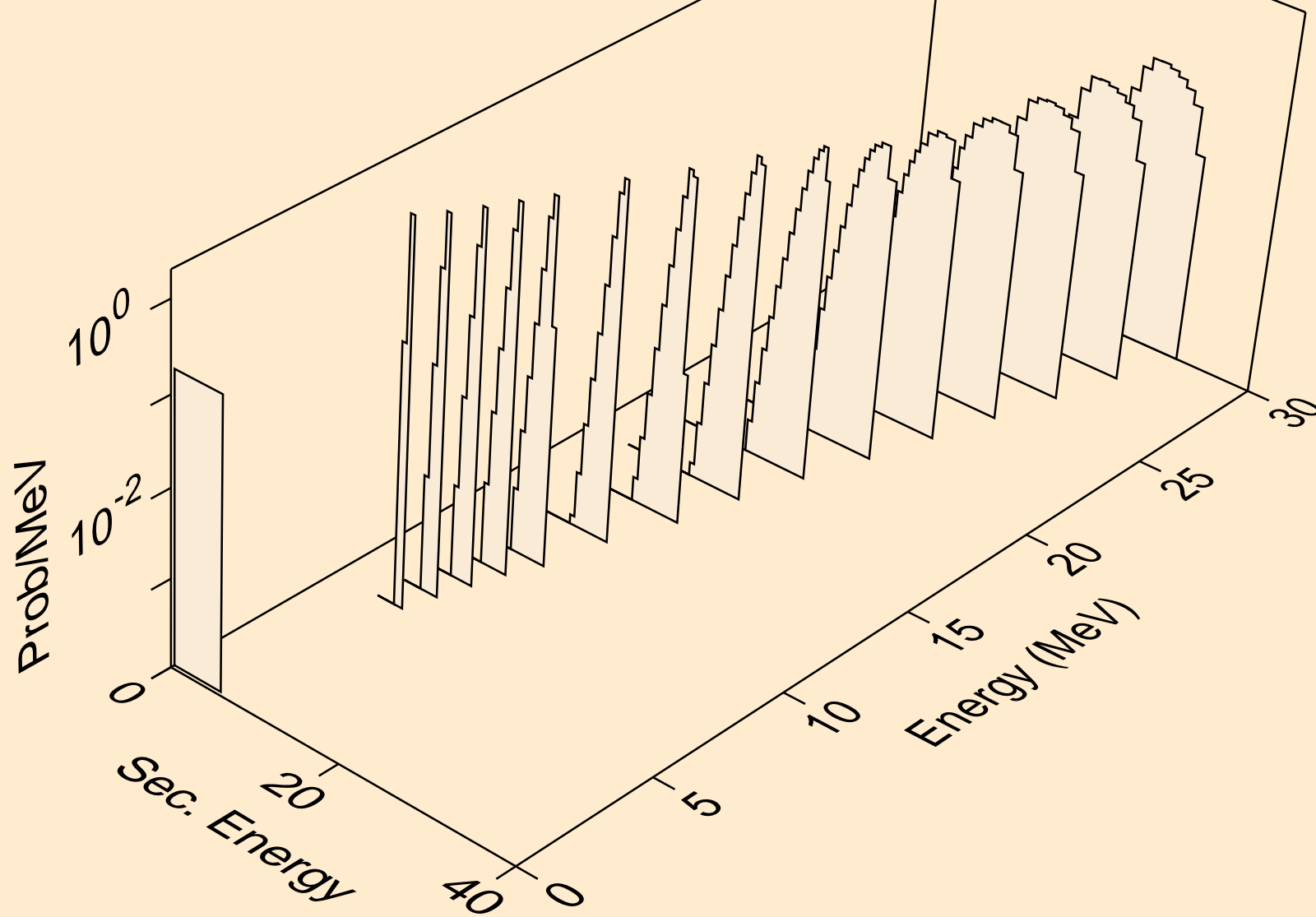
OS199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,he3)



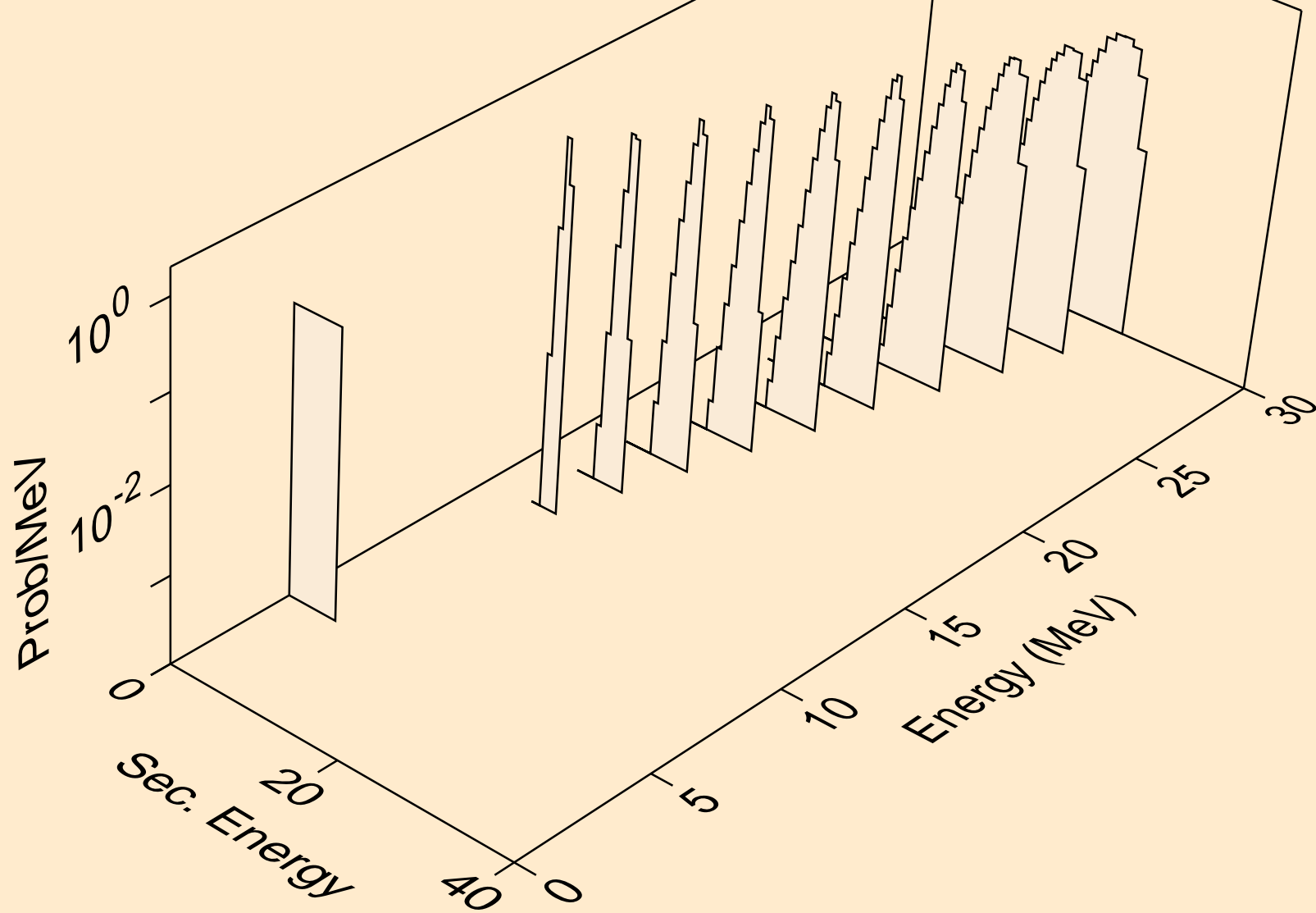
OS199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,x)



OS199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,n\*)a

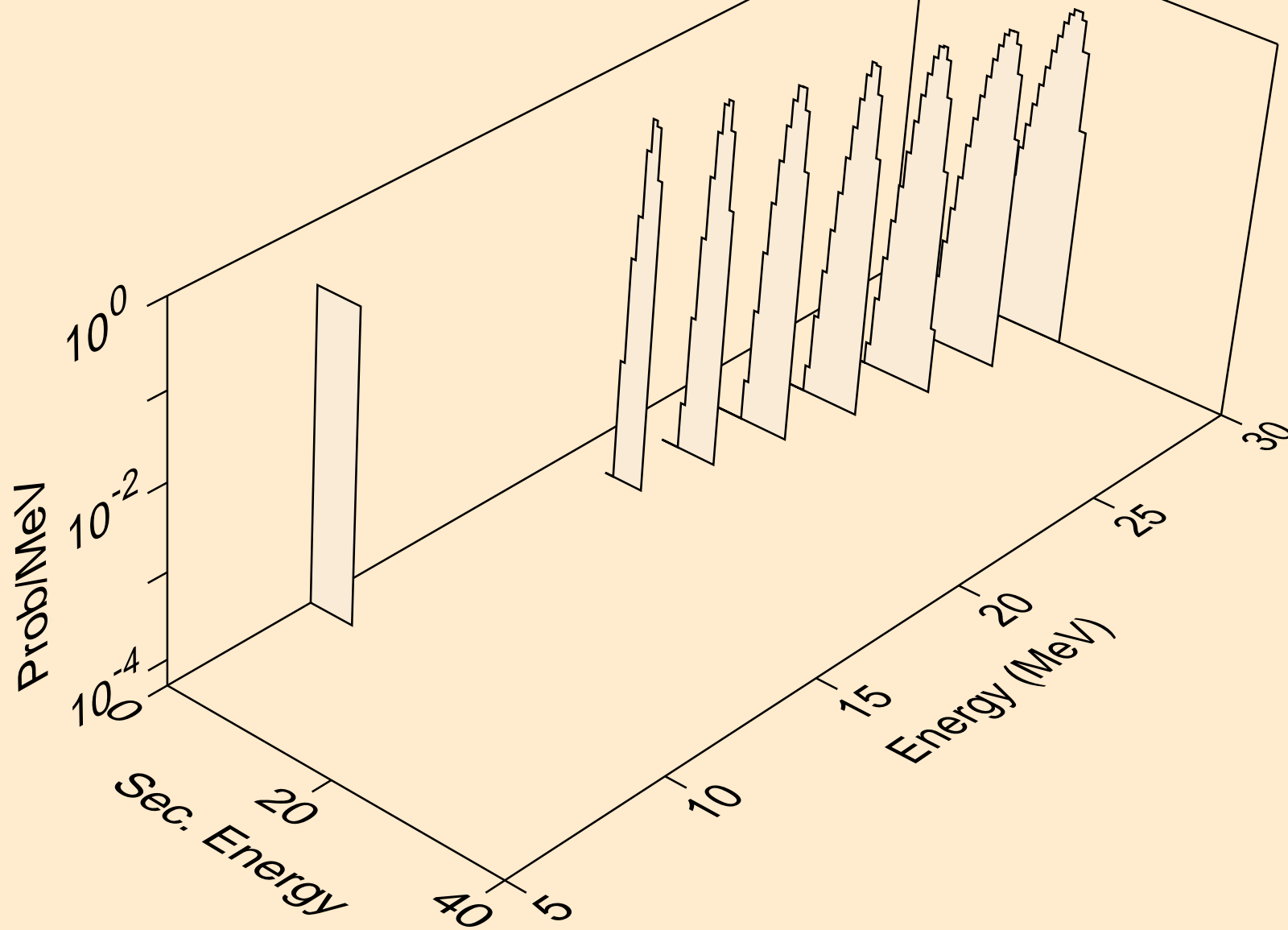


OS199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,2n)a





OS199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,3n)a



OS199 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,a)

