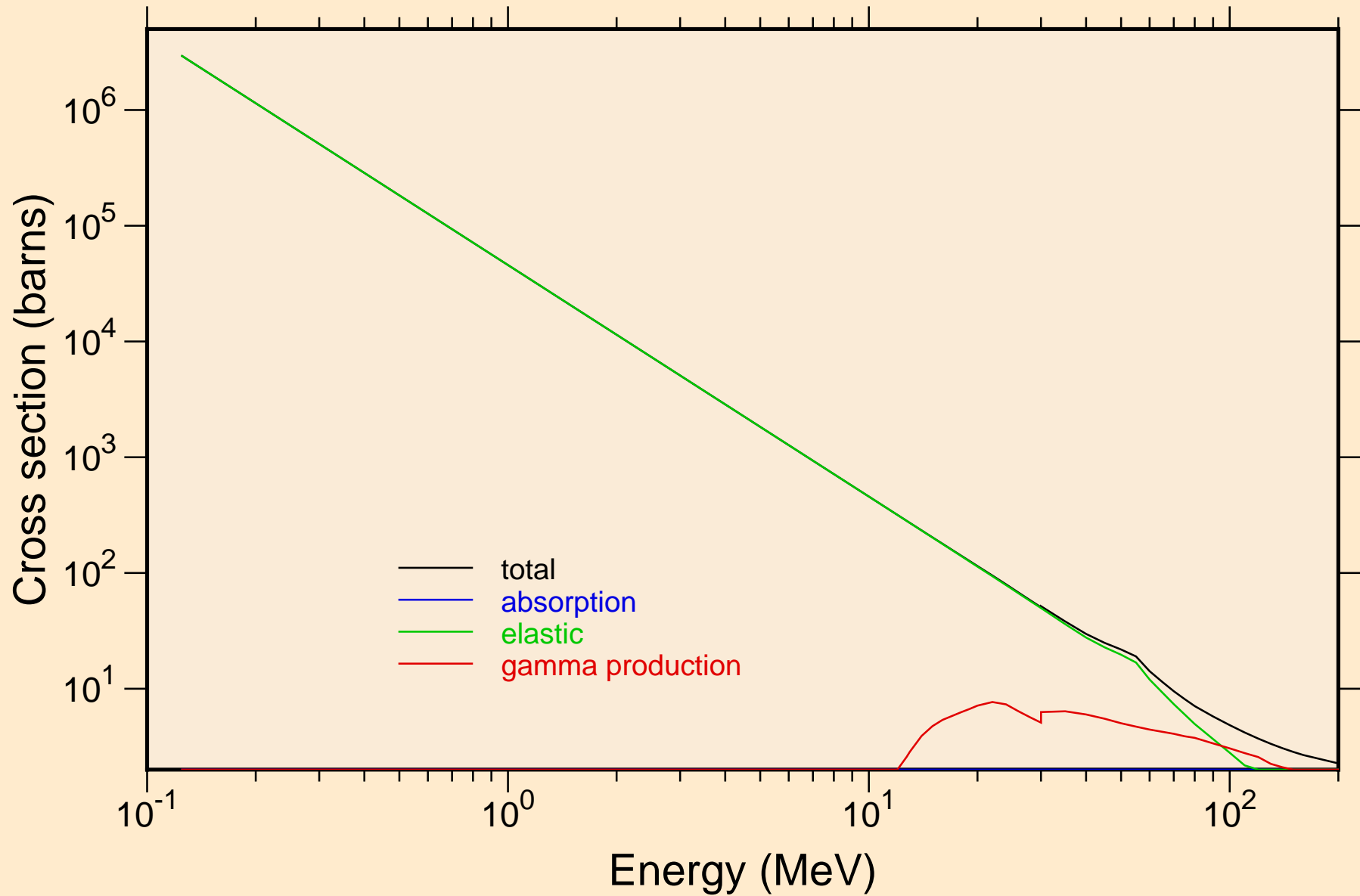
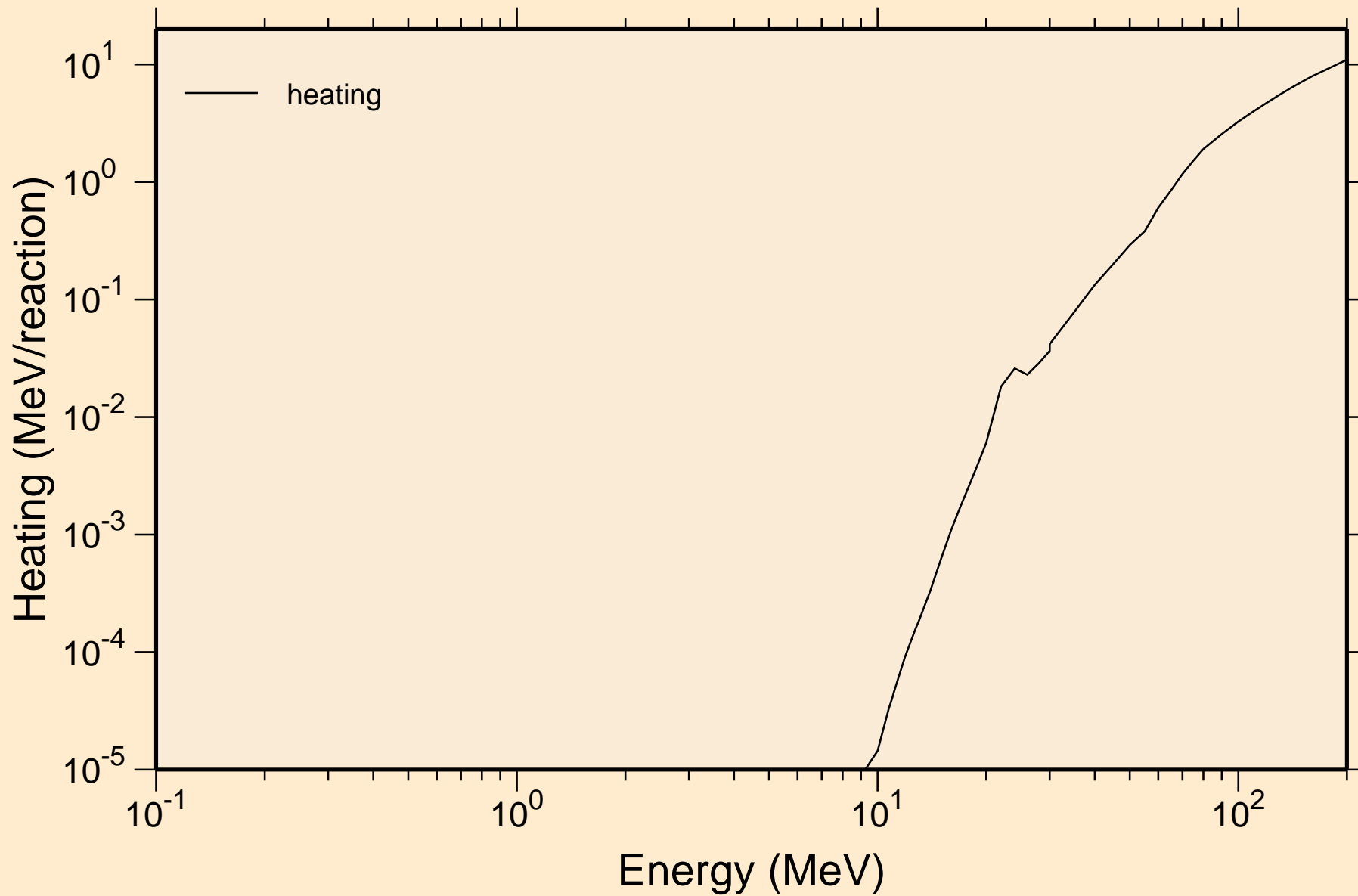


# RN231 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

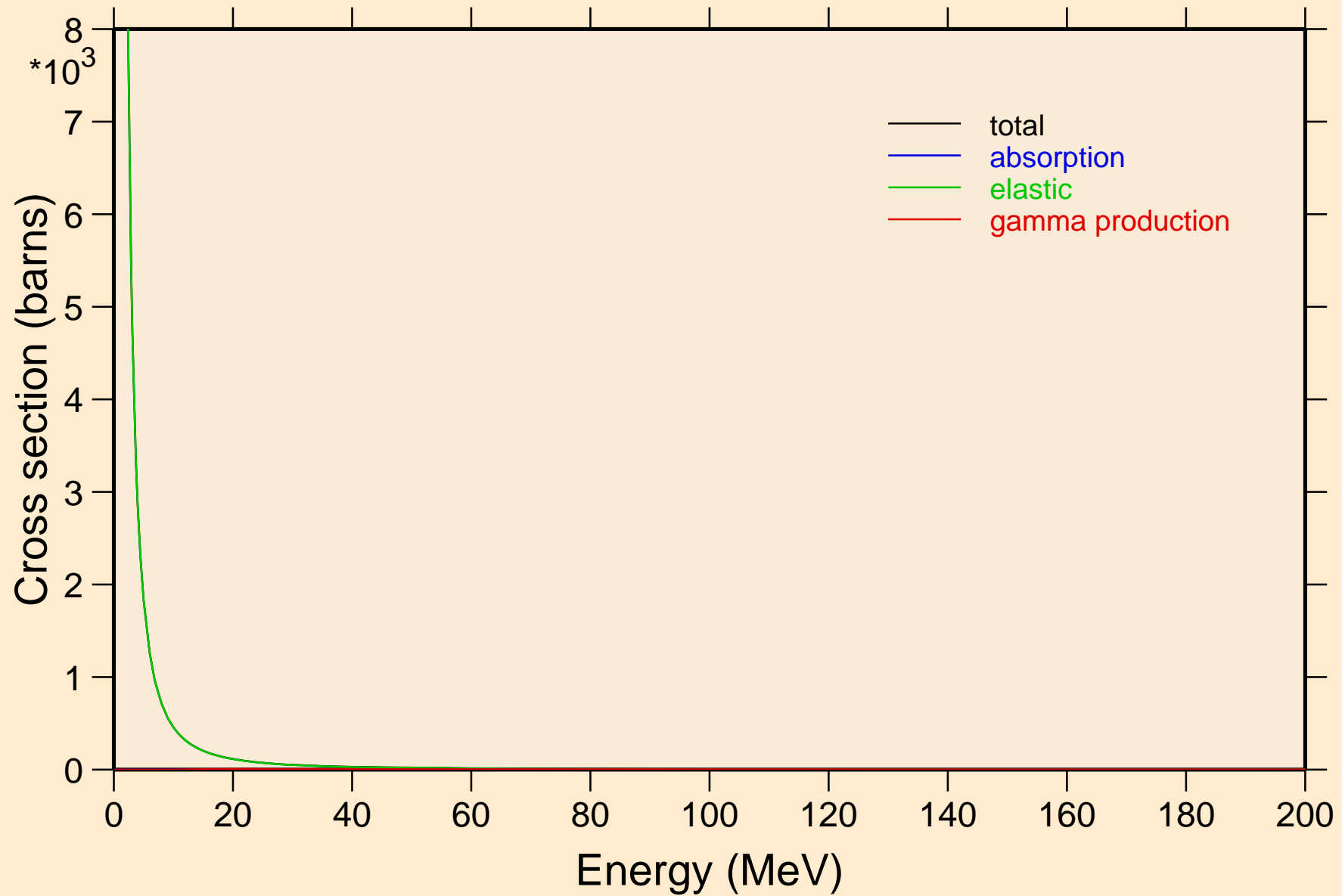


RN231 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Heating



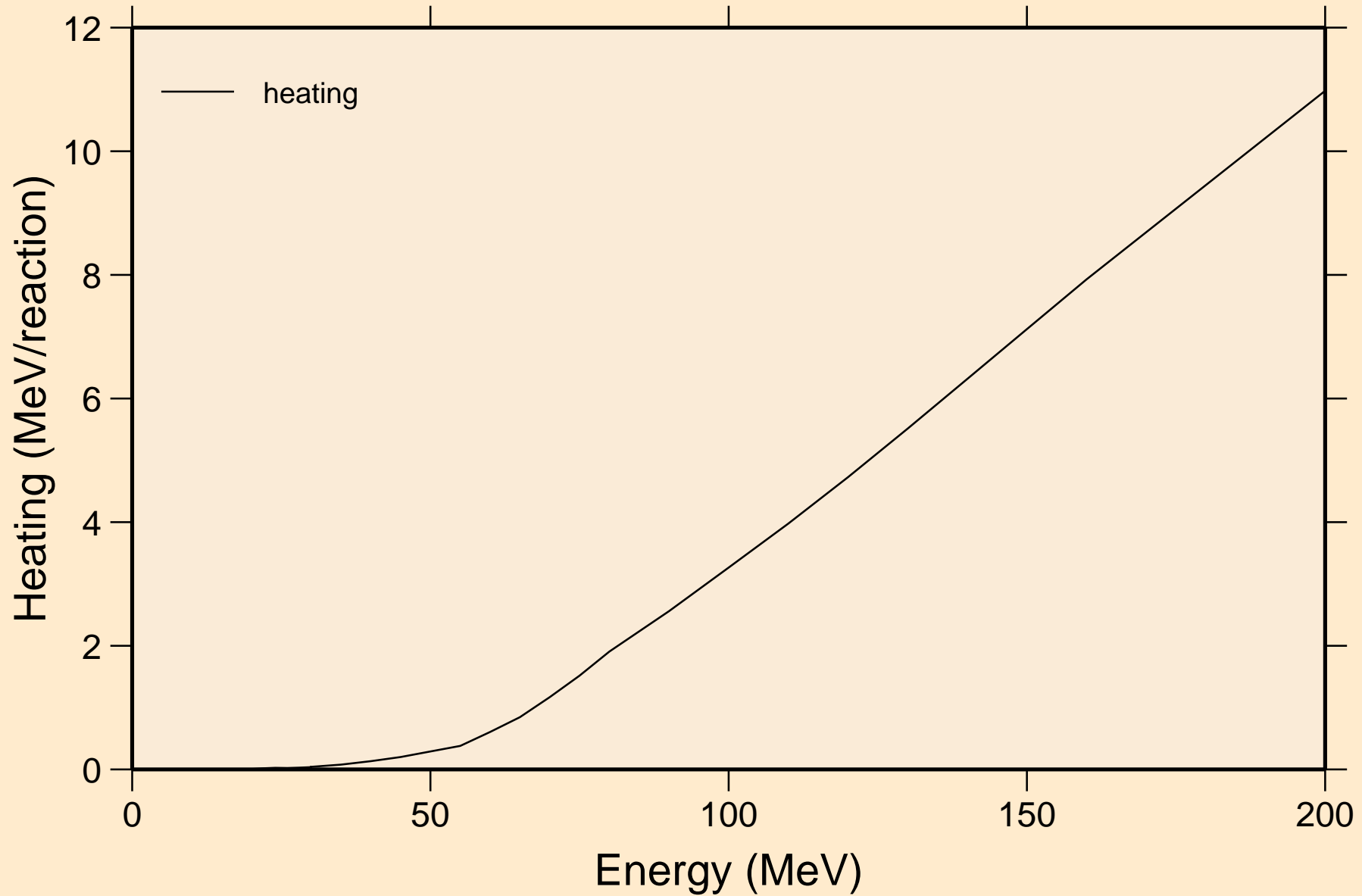
# RN231 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



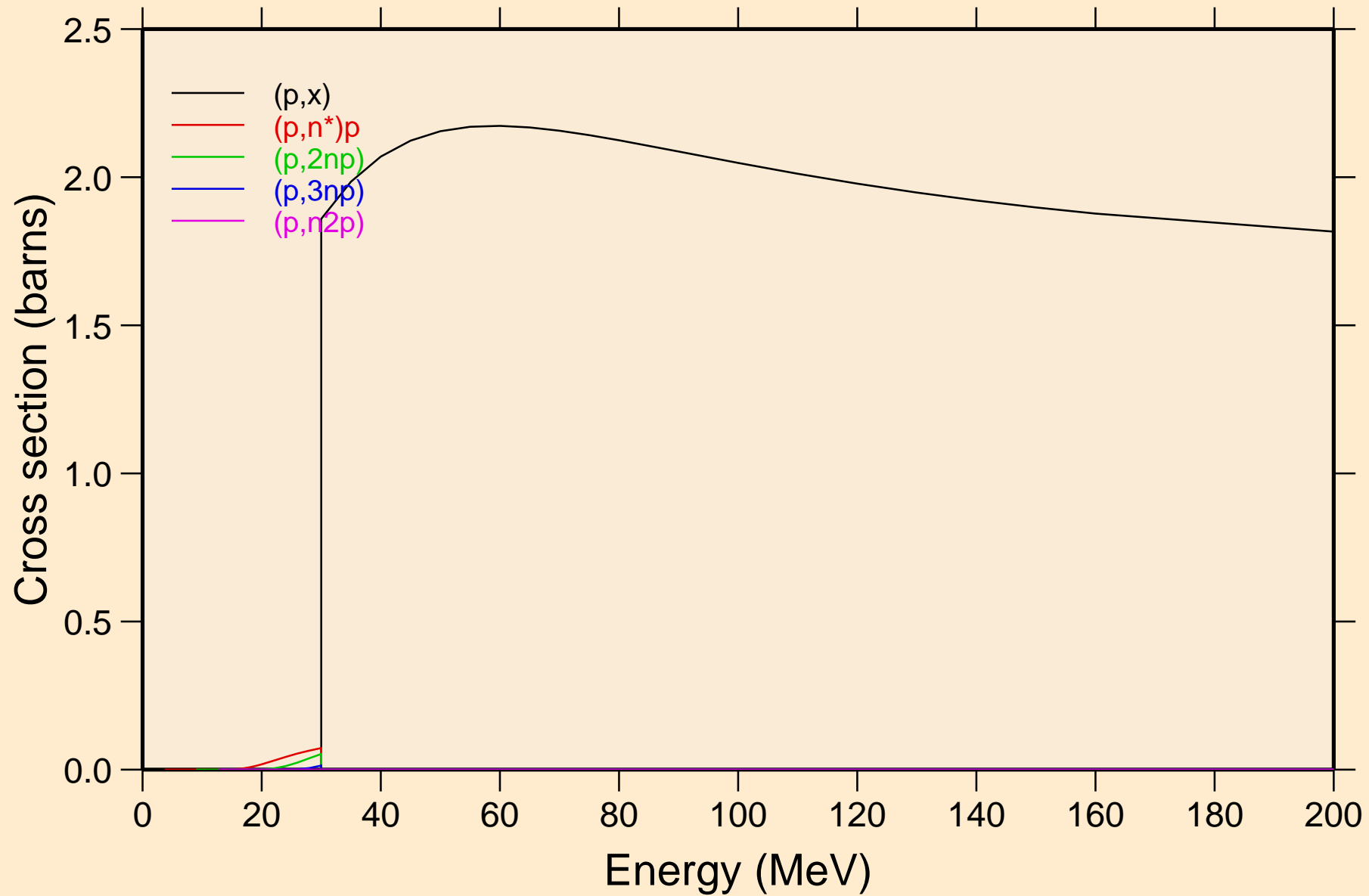
# RN231 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



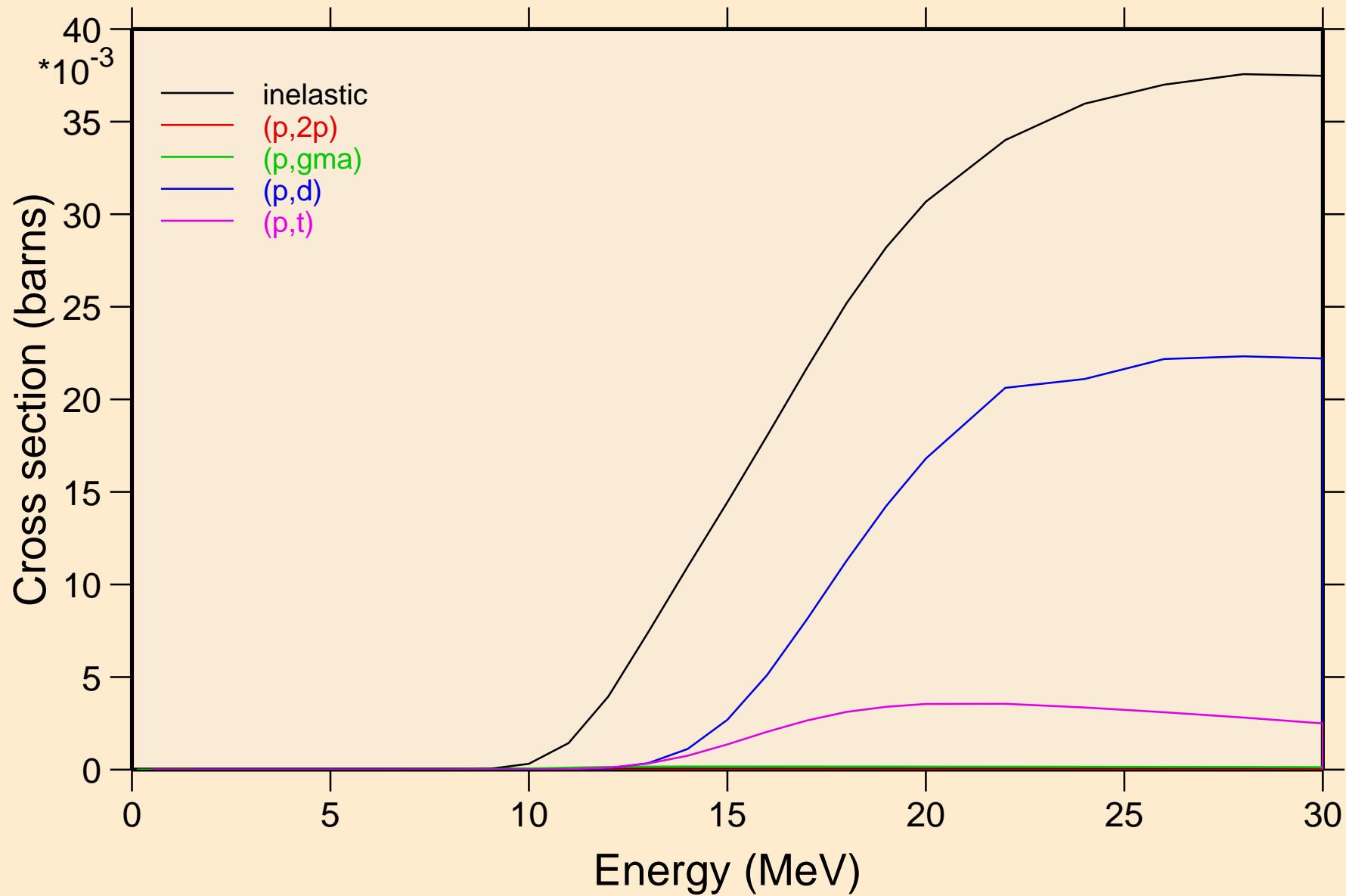
# RN231 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

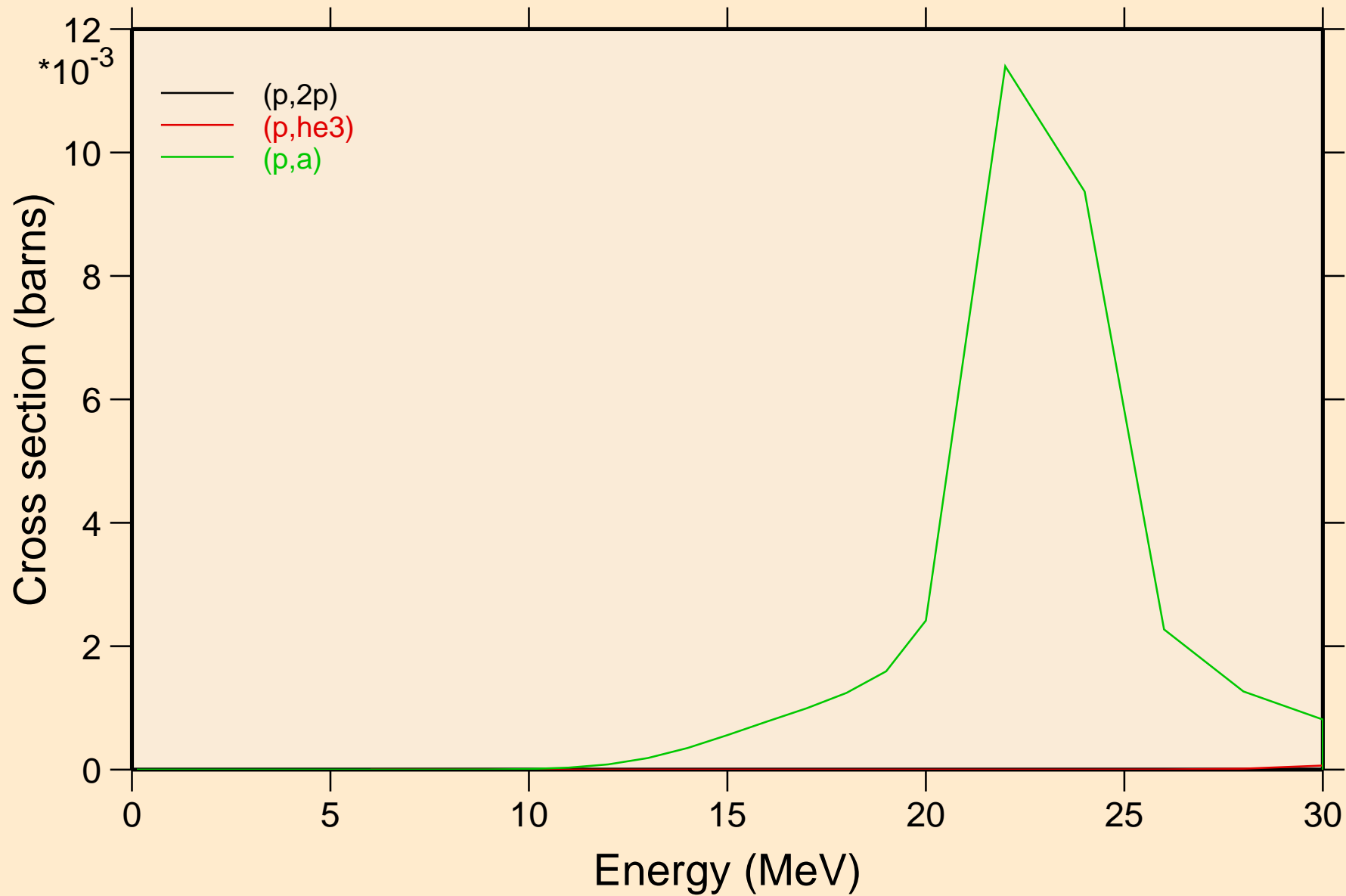


# RN231 PROTON ACER TENDL-2023 LIBRARY; T=0.K

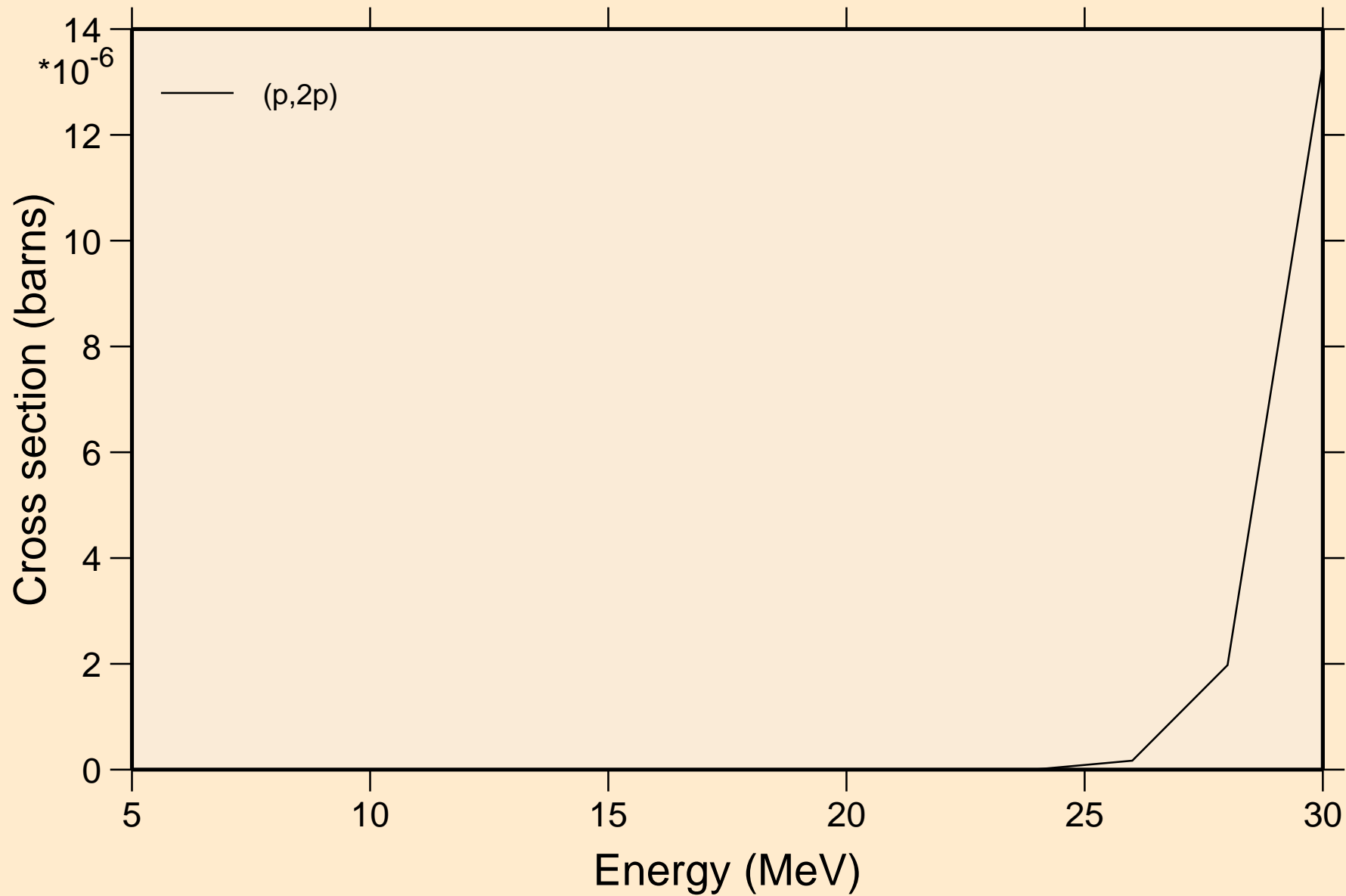
## Threshold reactions



RN231 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

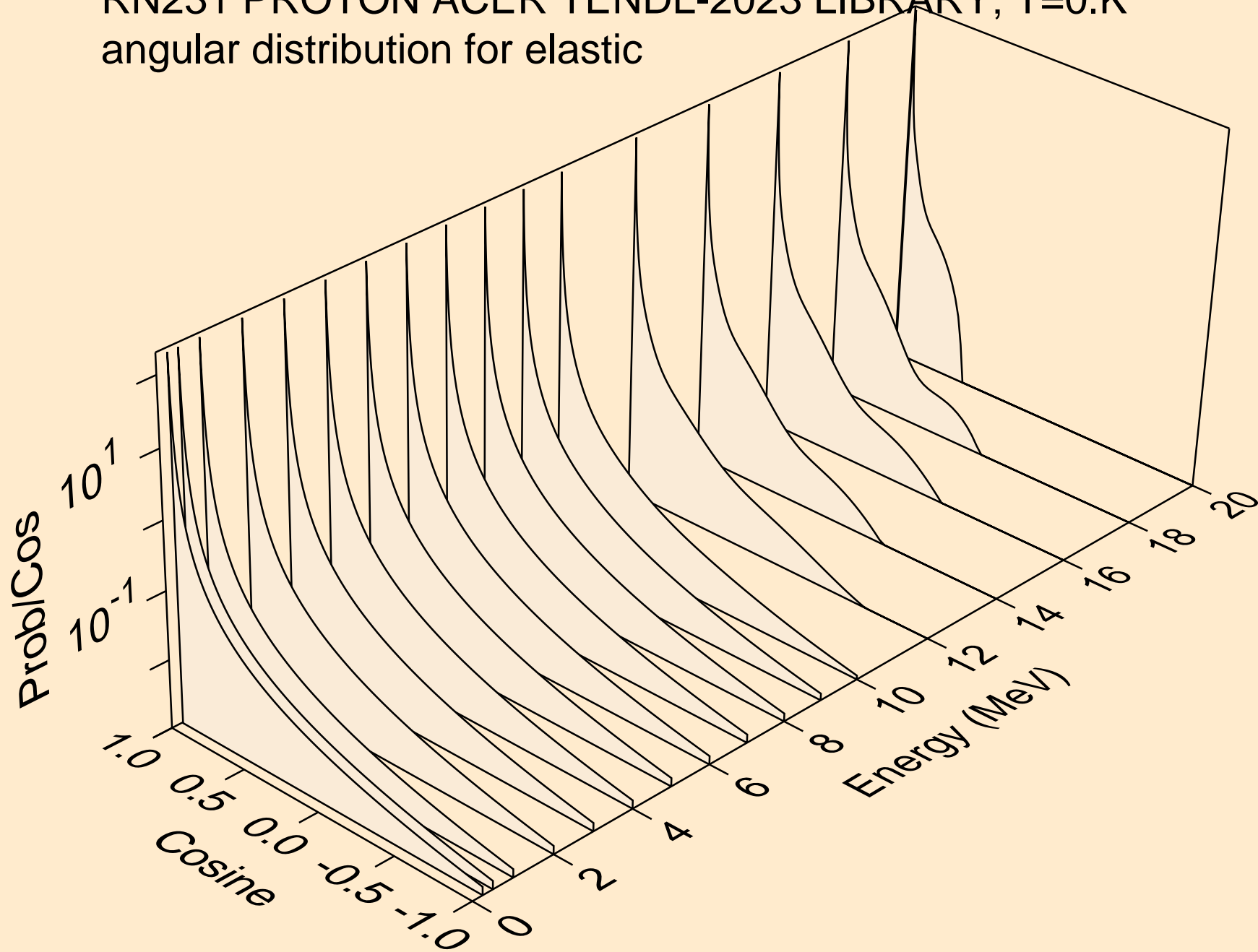


RN231 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

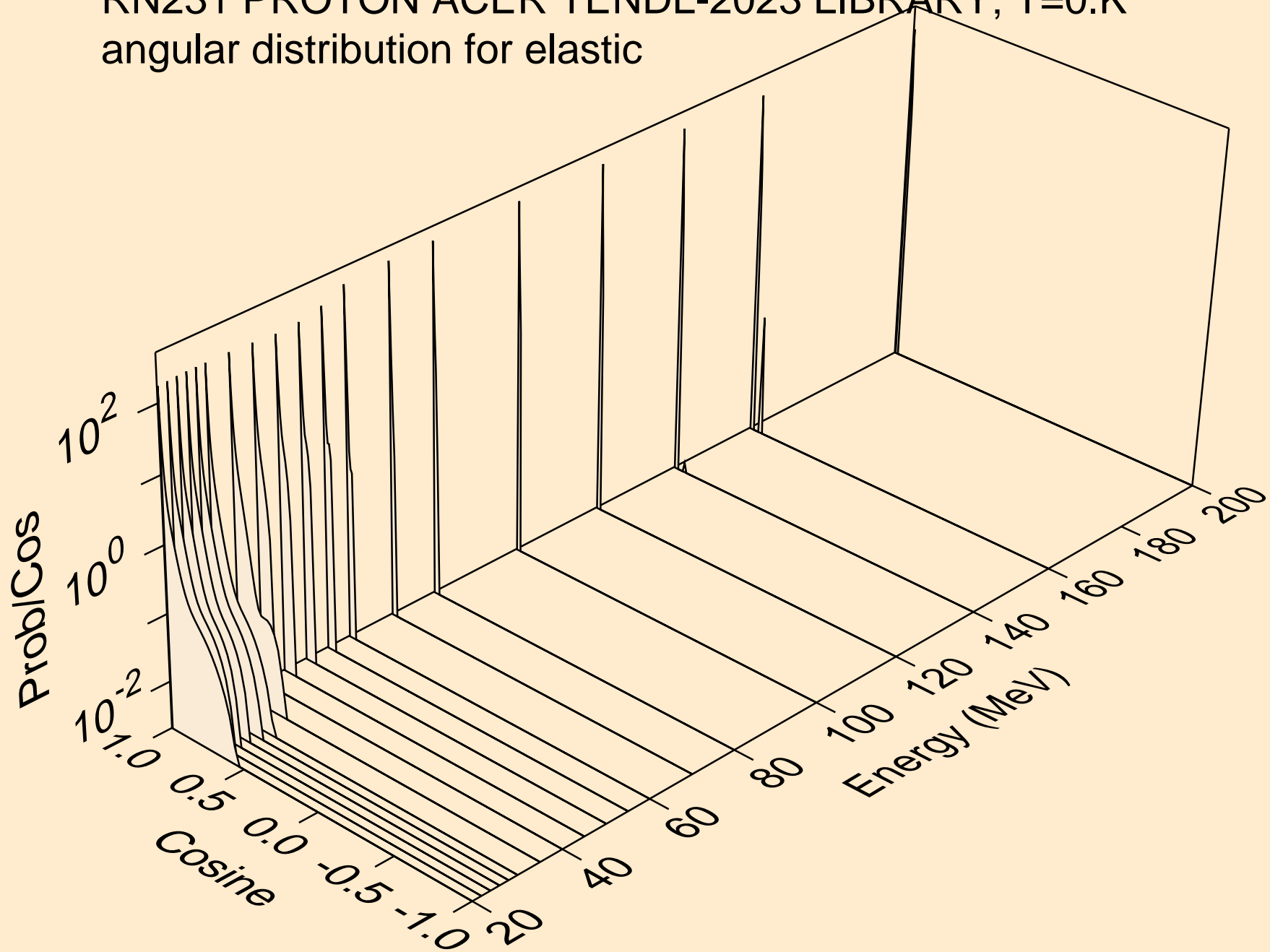




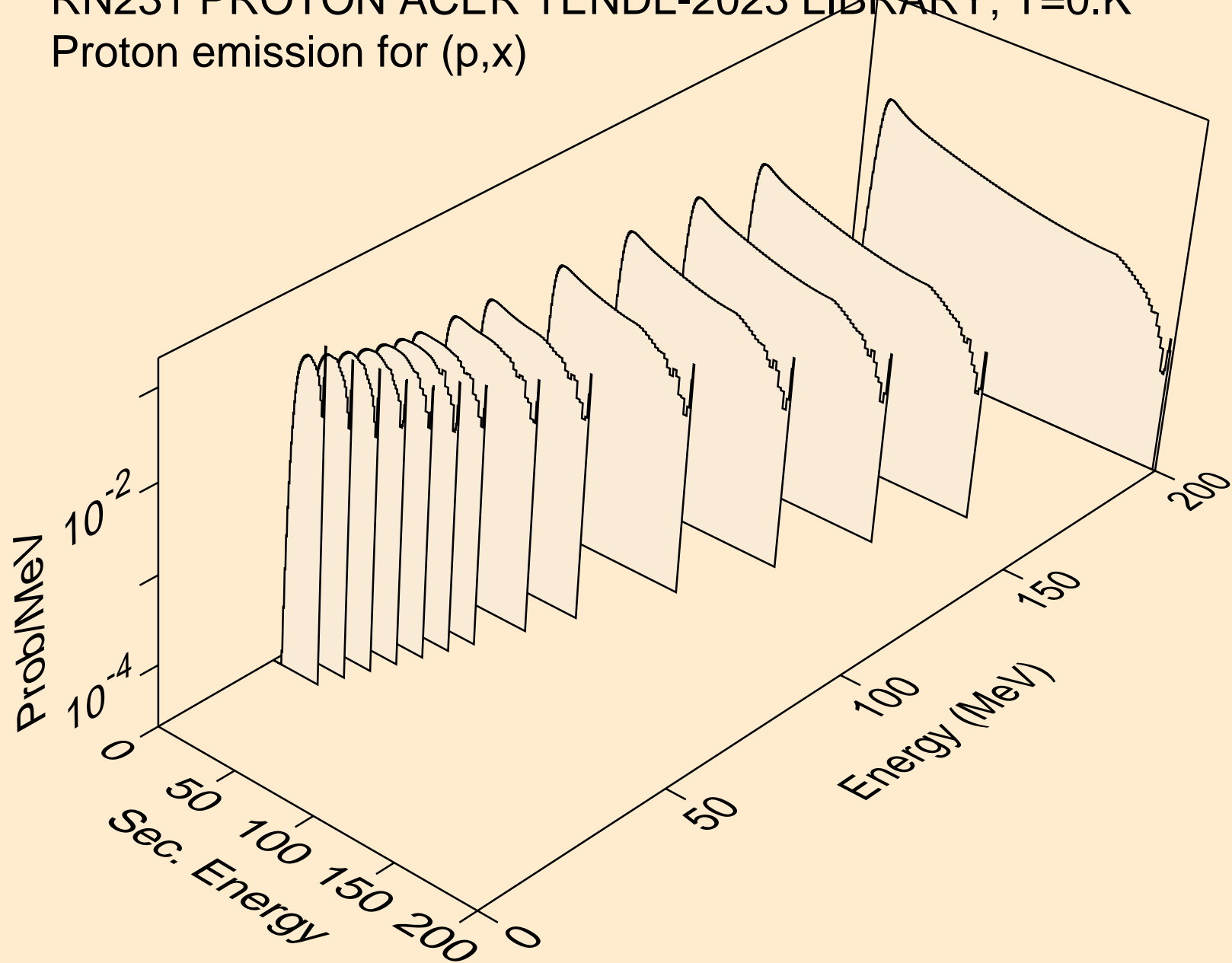
RN231 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



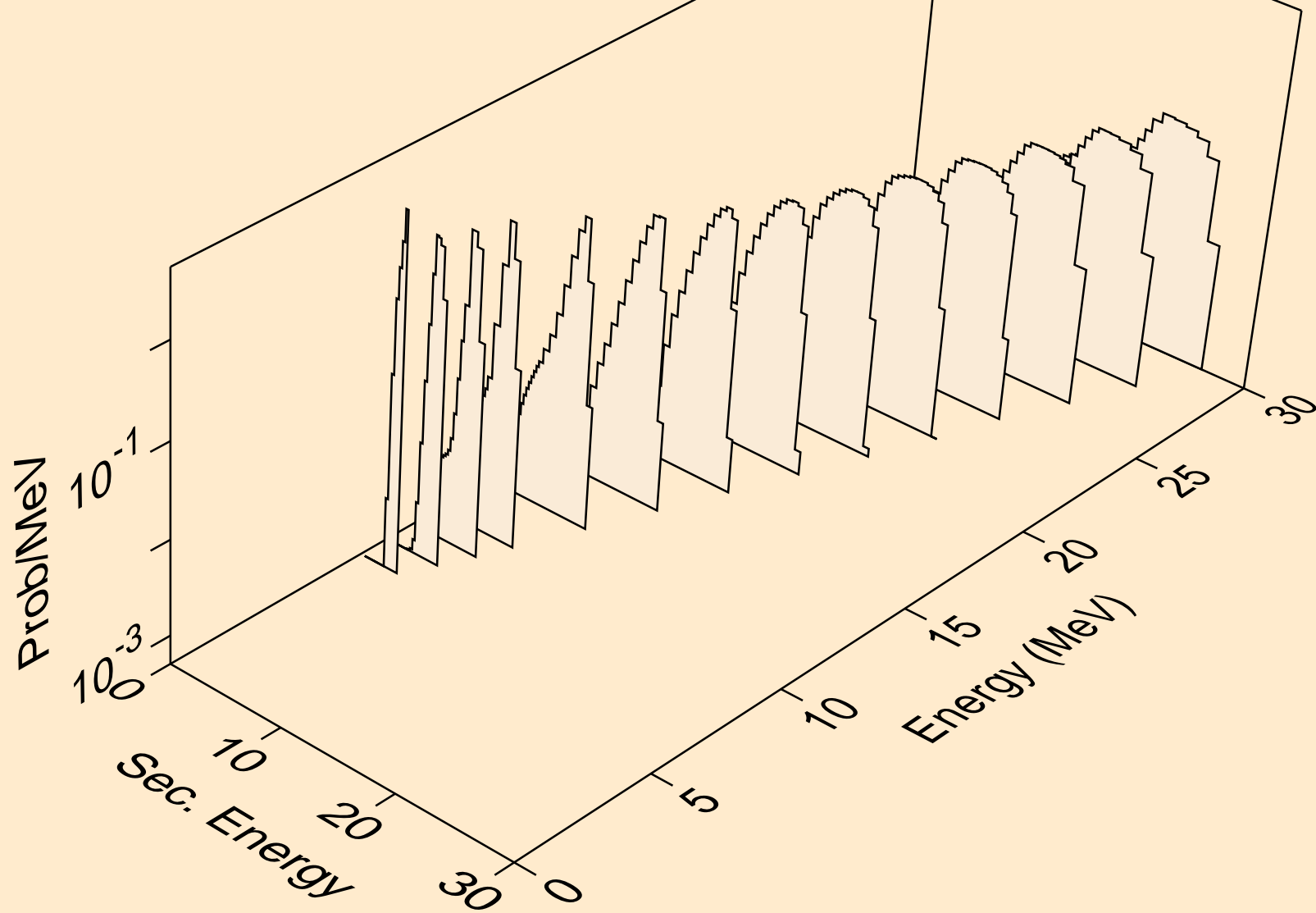
RN231 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



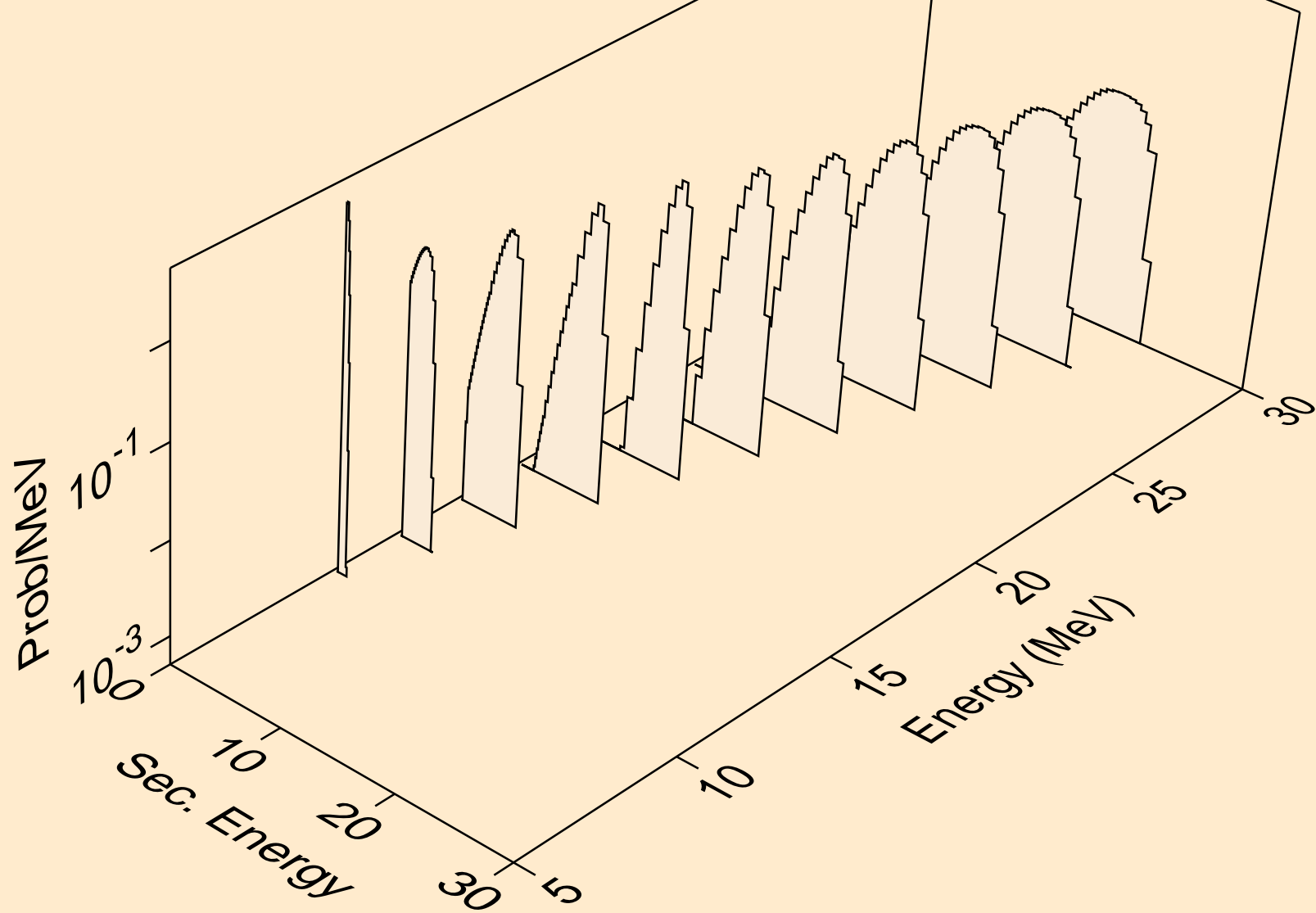
RN231 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



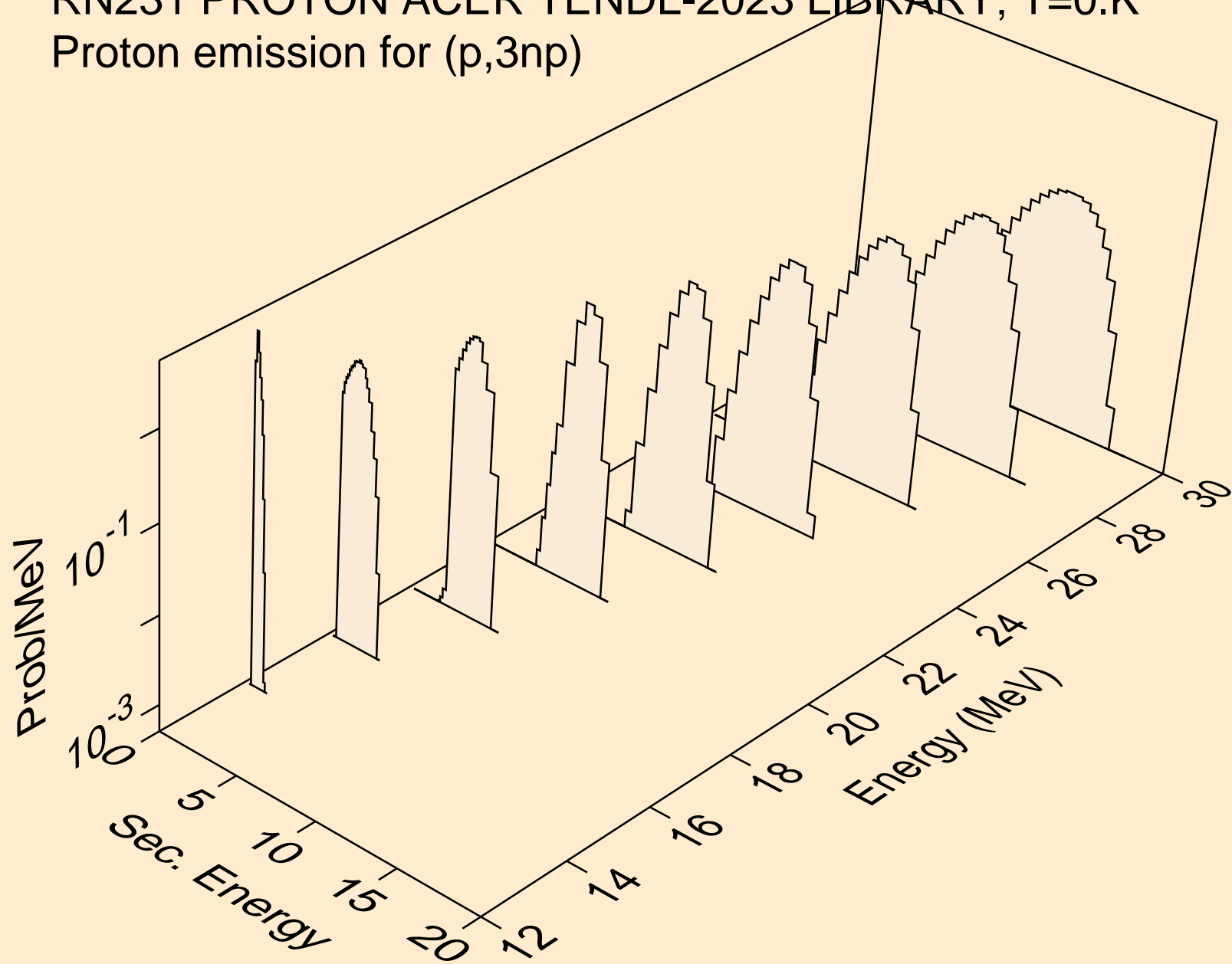
RN231 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



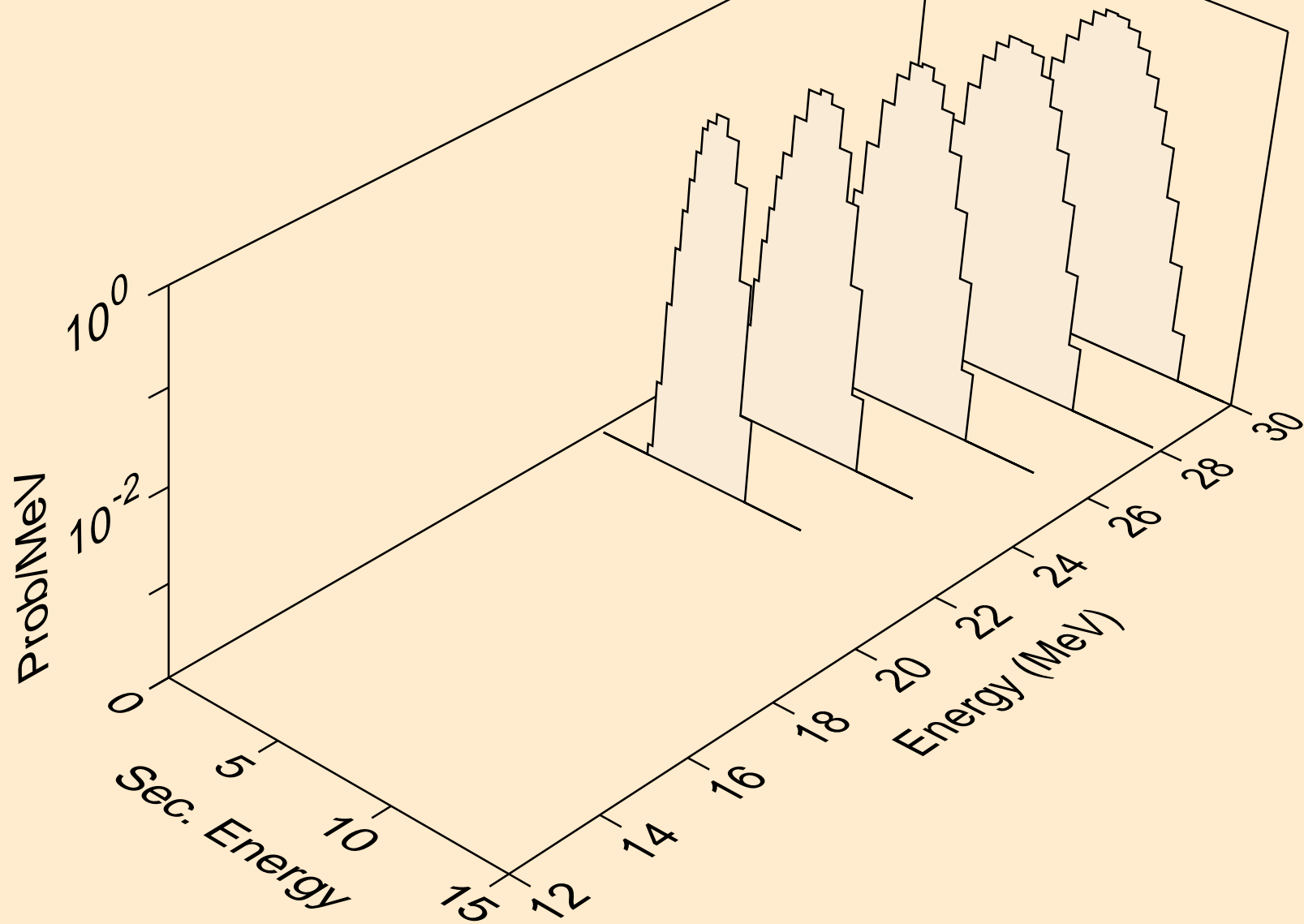
RN231 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



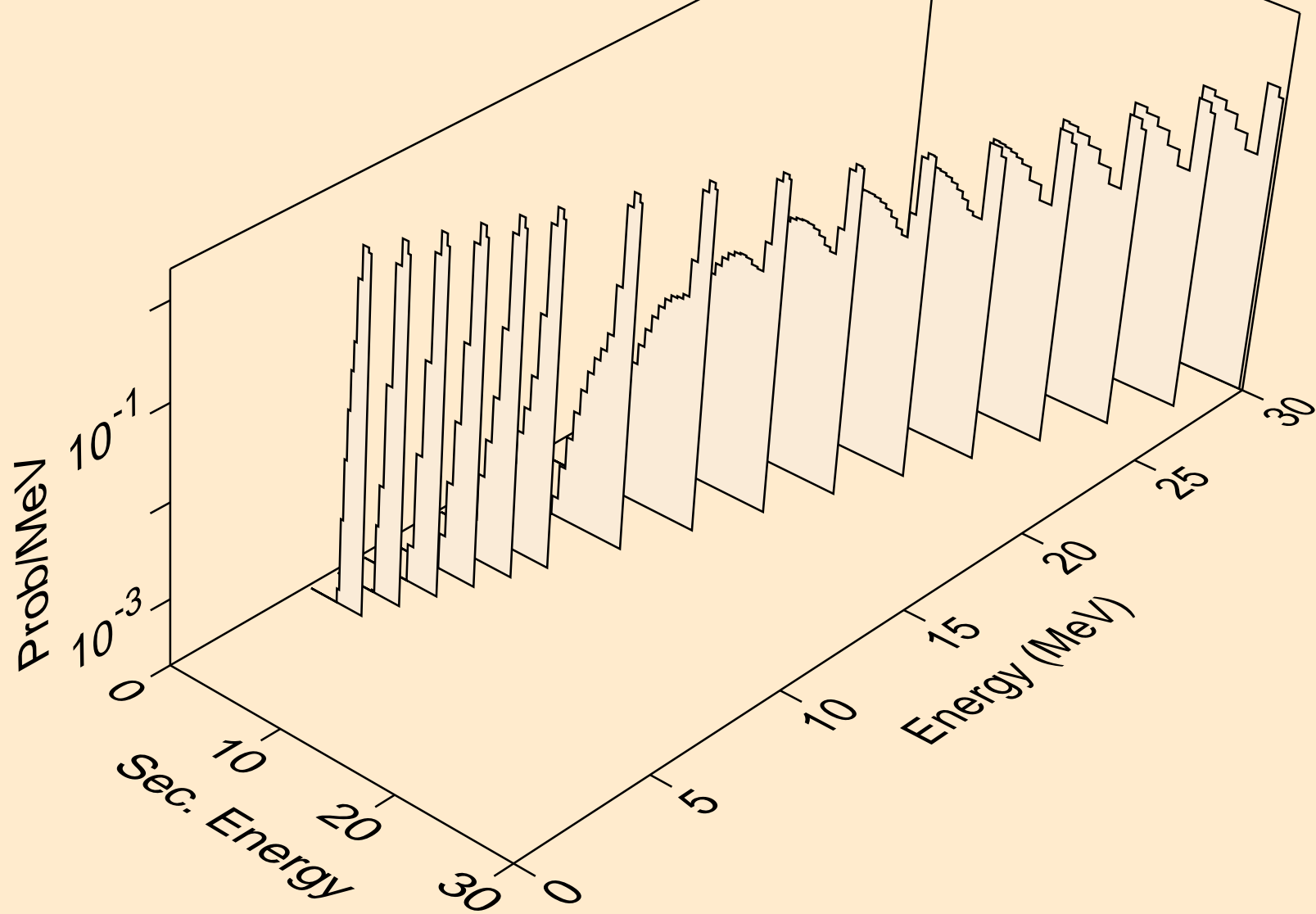
RN231 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,3np)



RN231 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)

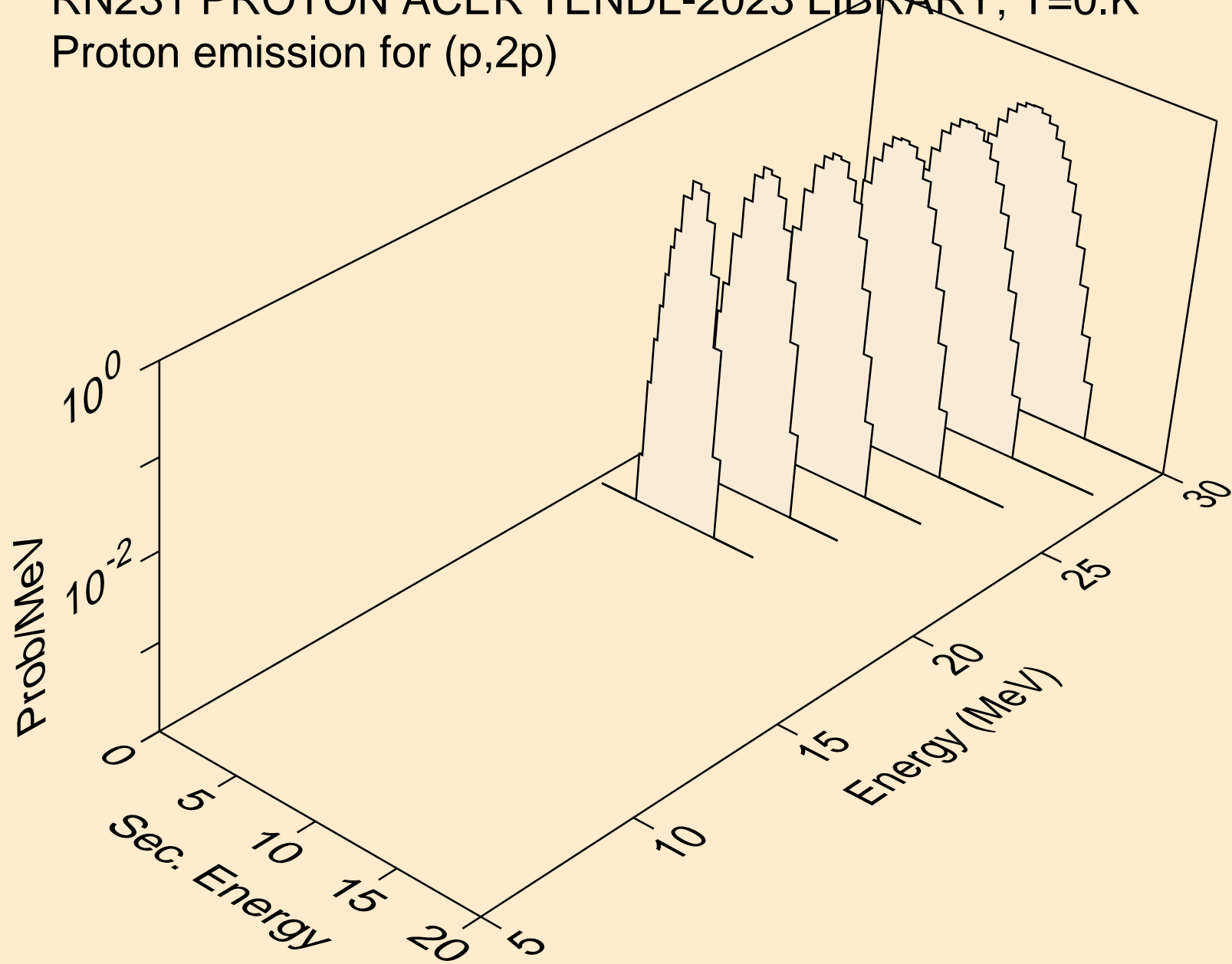


RN231 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

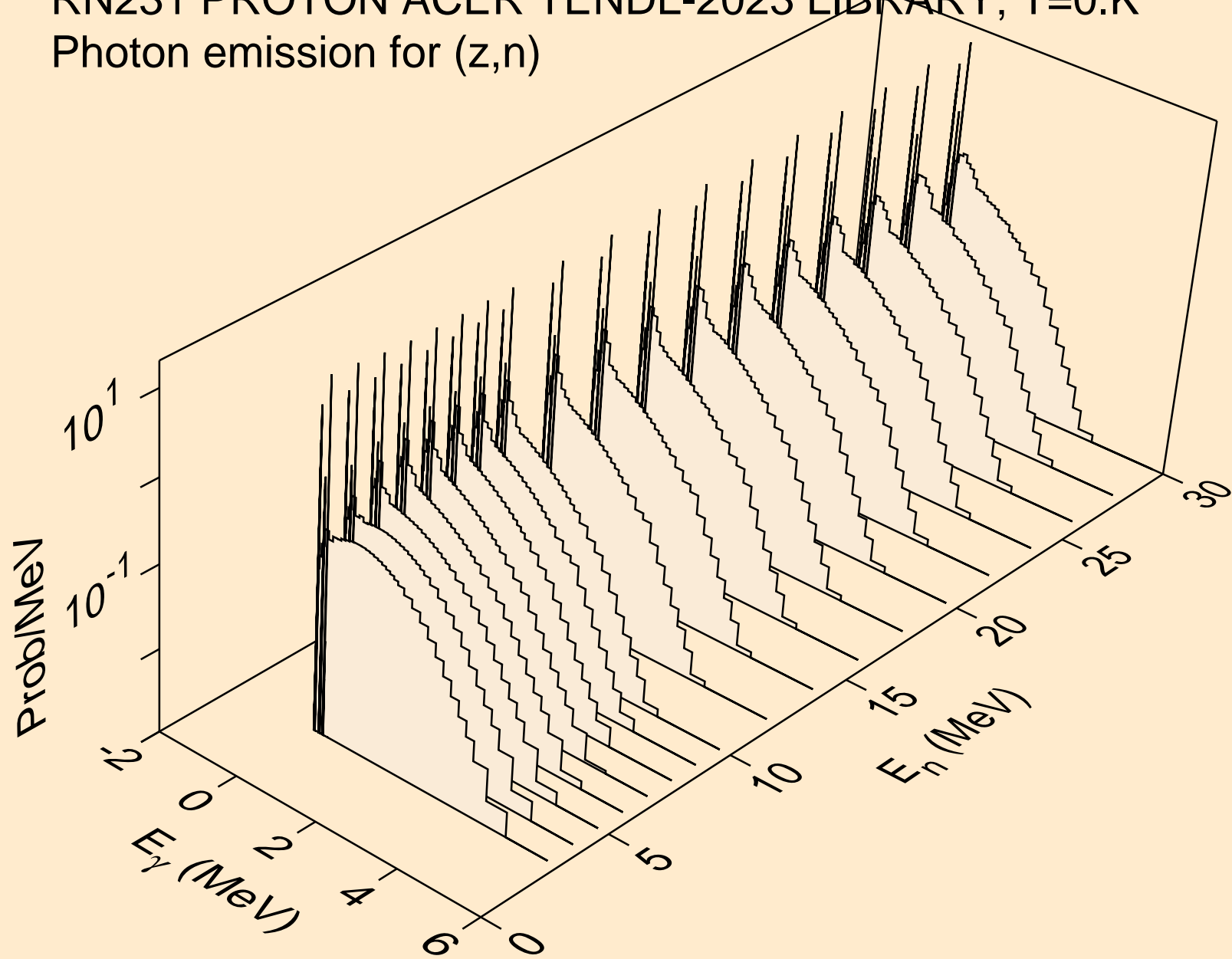




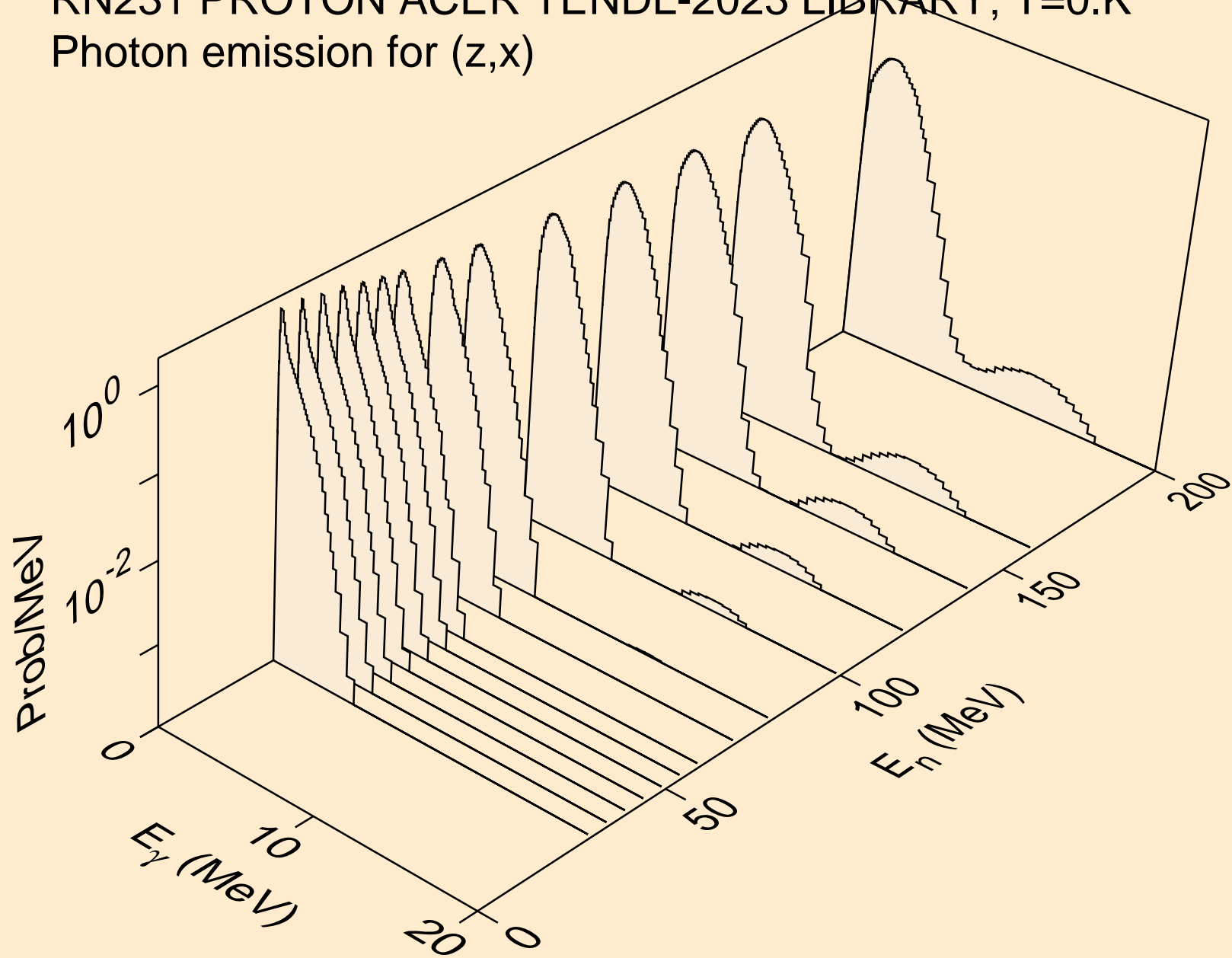
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Proton emission for (p,2p)



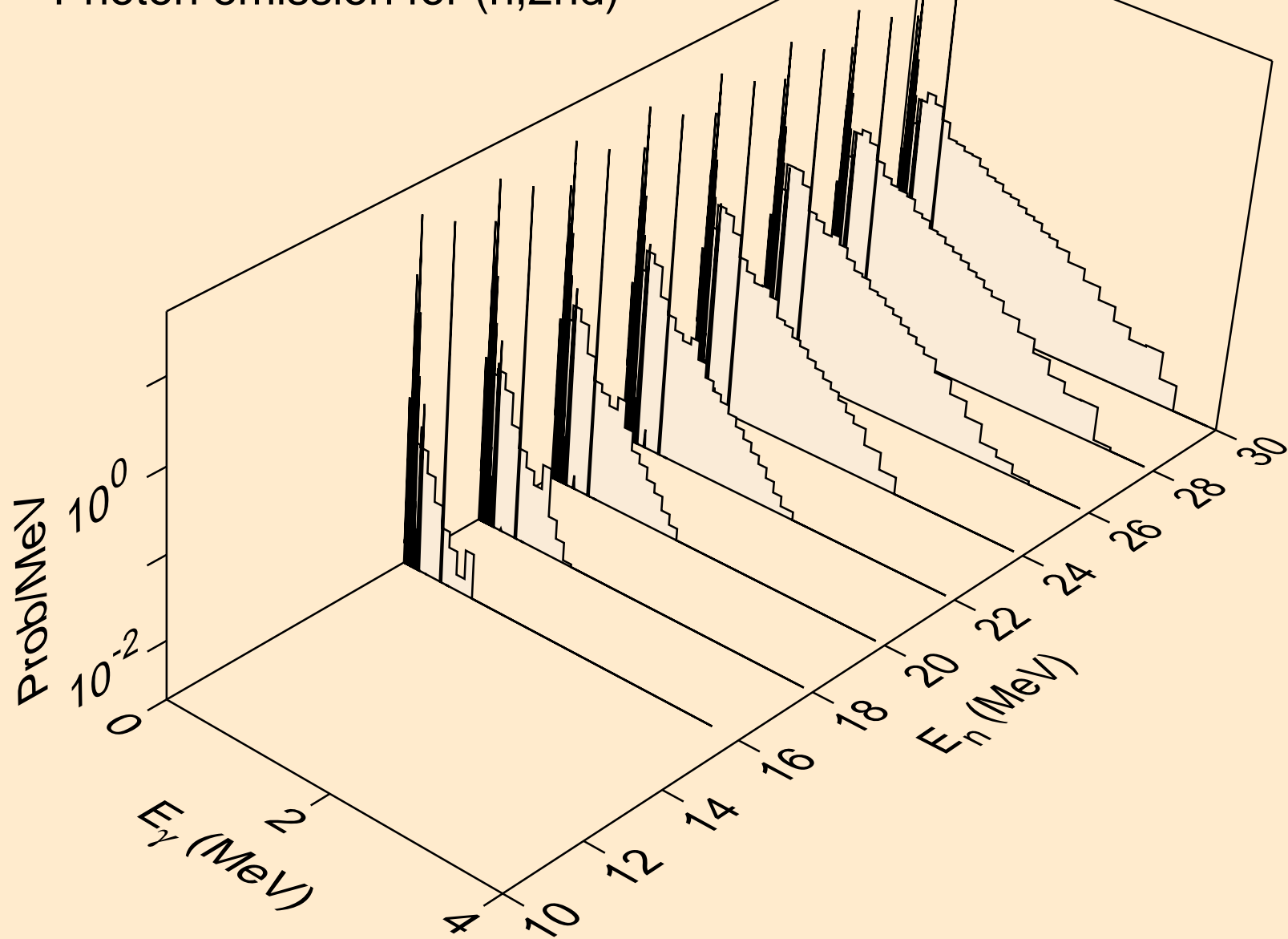
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Photon emission for (z,n)



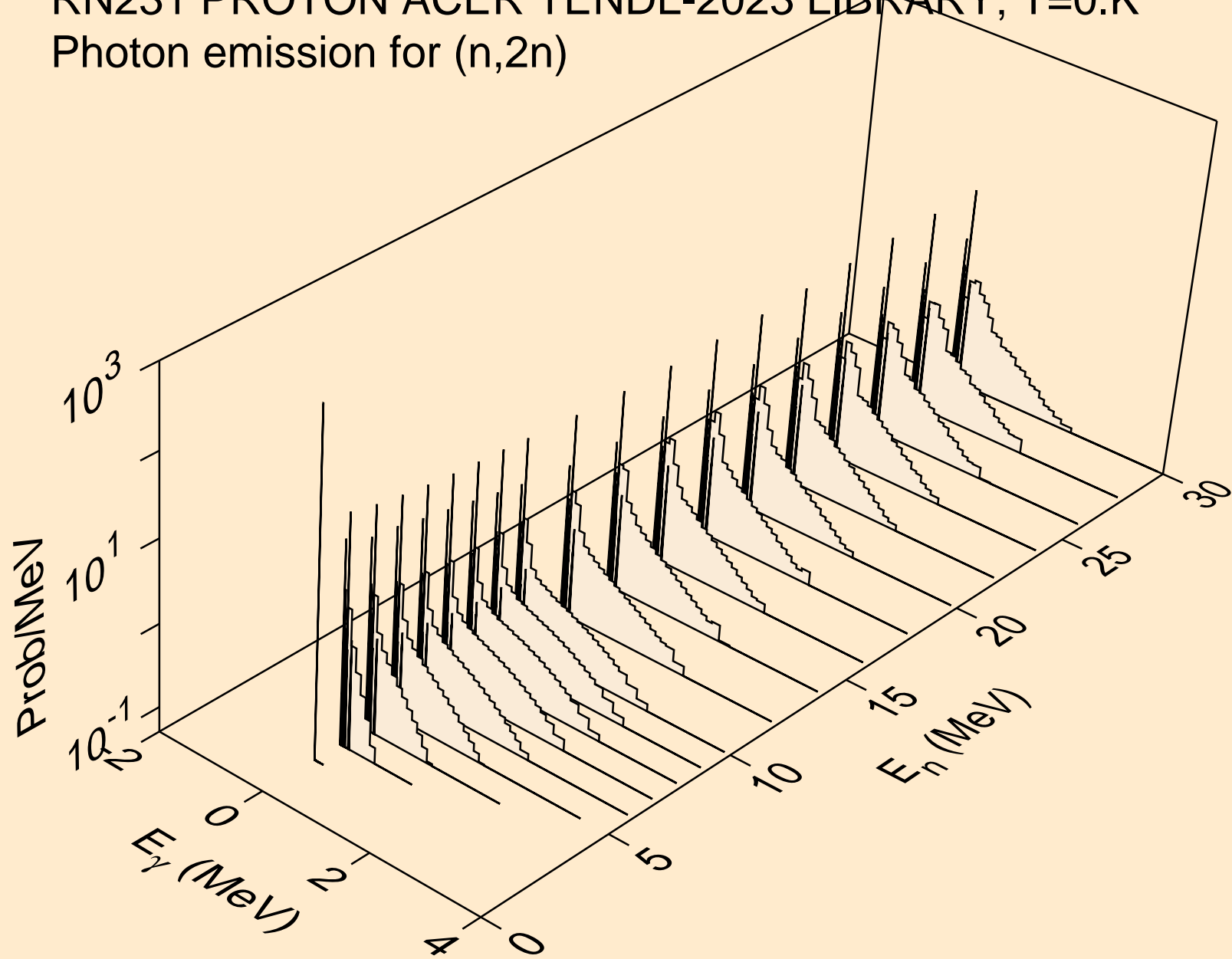
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Photon emission for (z,x)



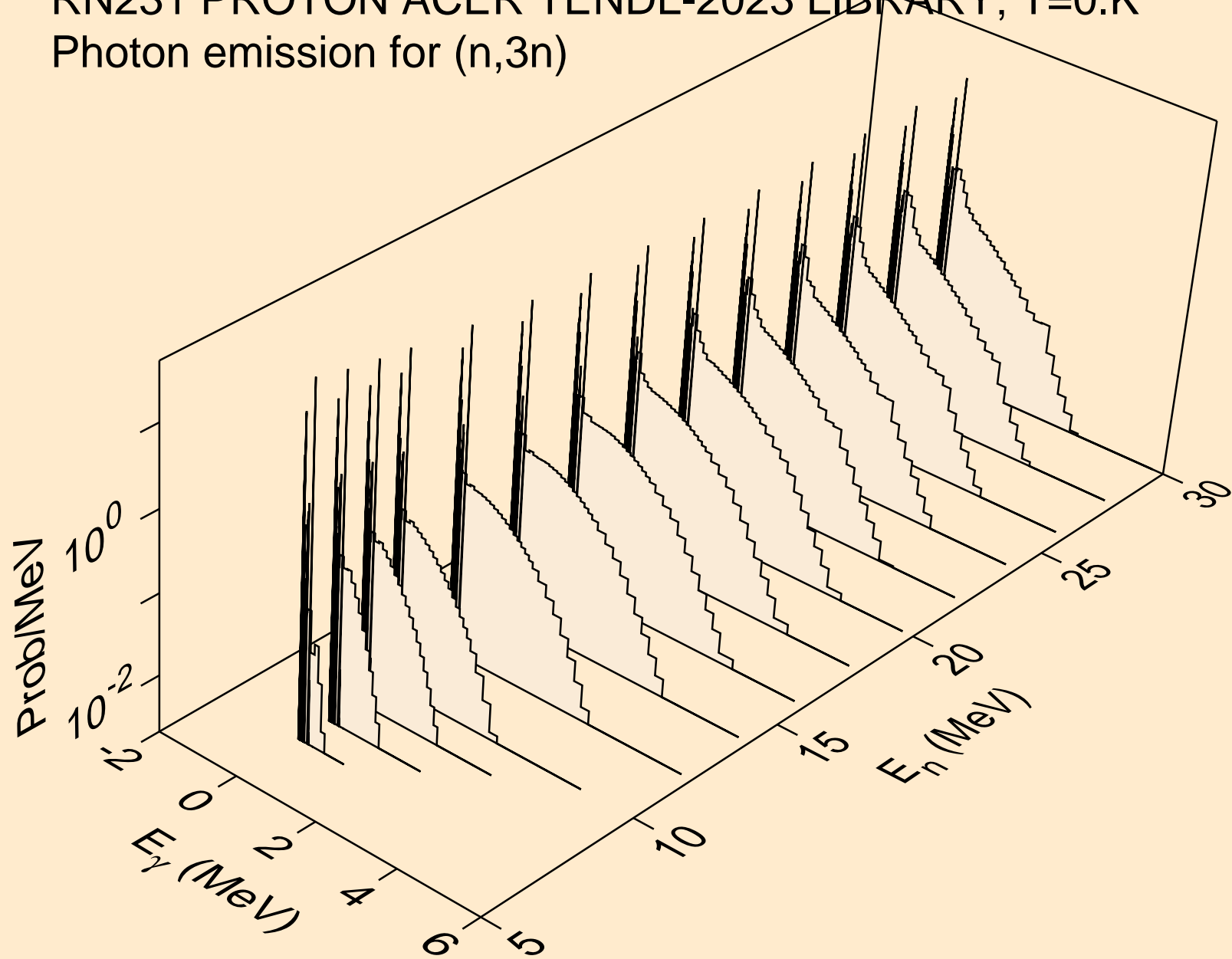
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Photon emission for (n,2nd)



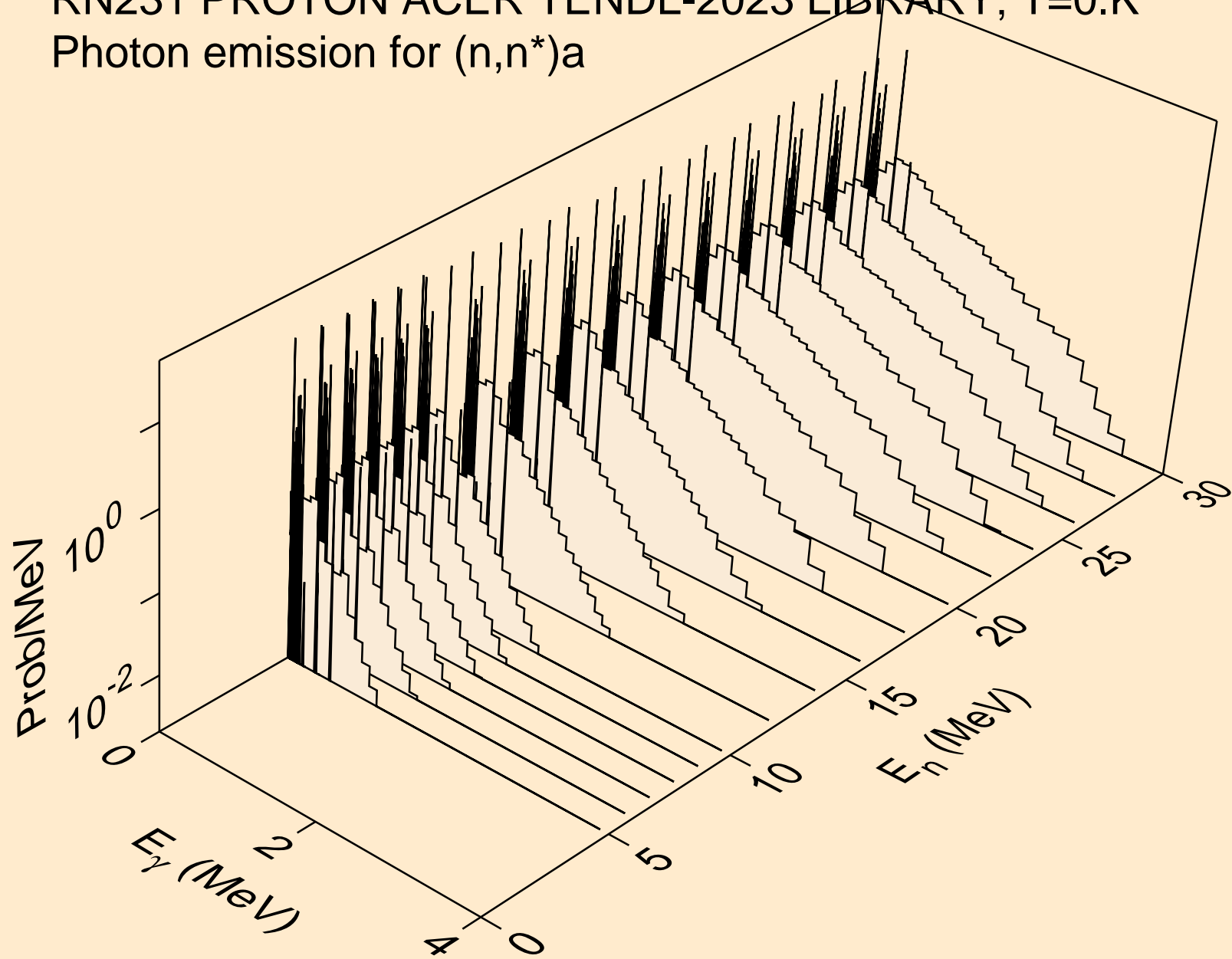
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Photon emission for (n,2n)



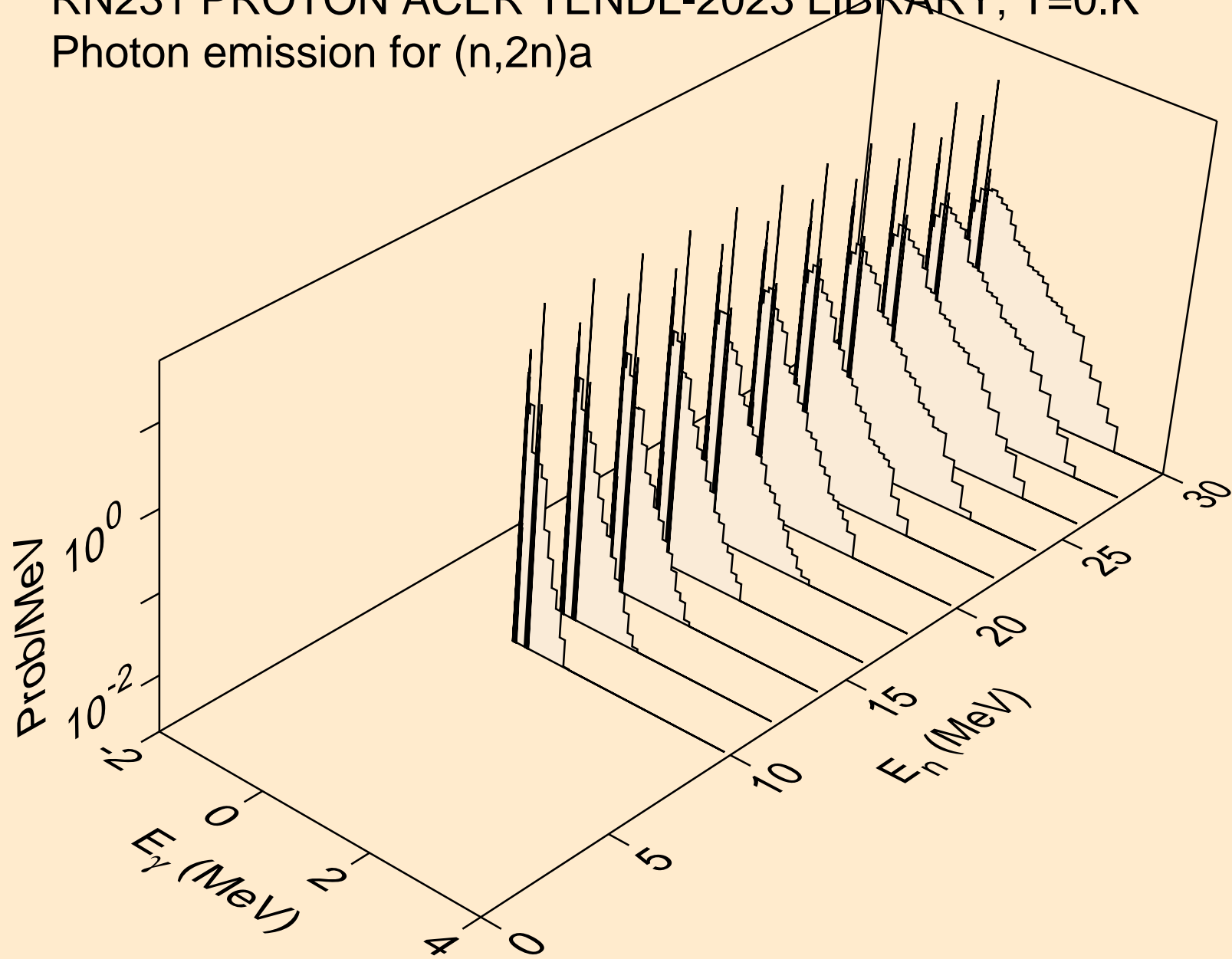
RN231 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



RN231 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

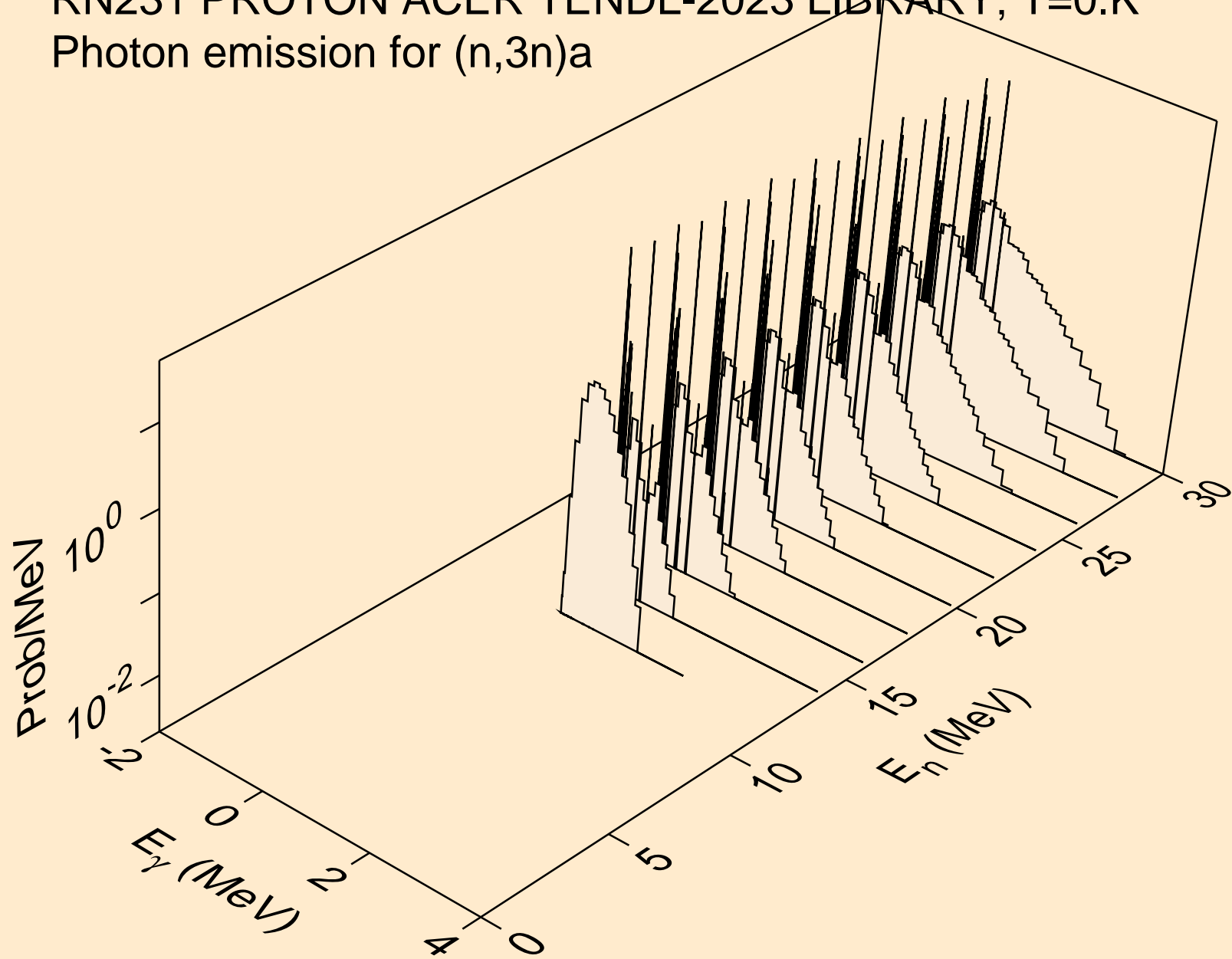


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Photon emission for (n,2n)a

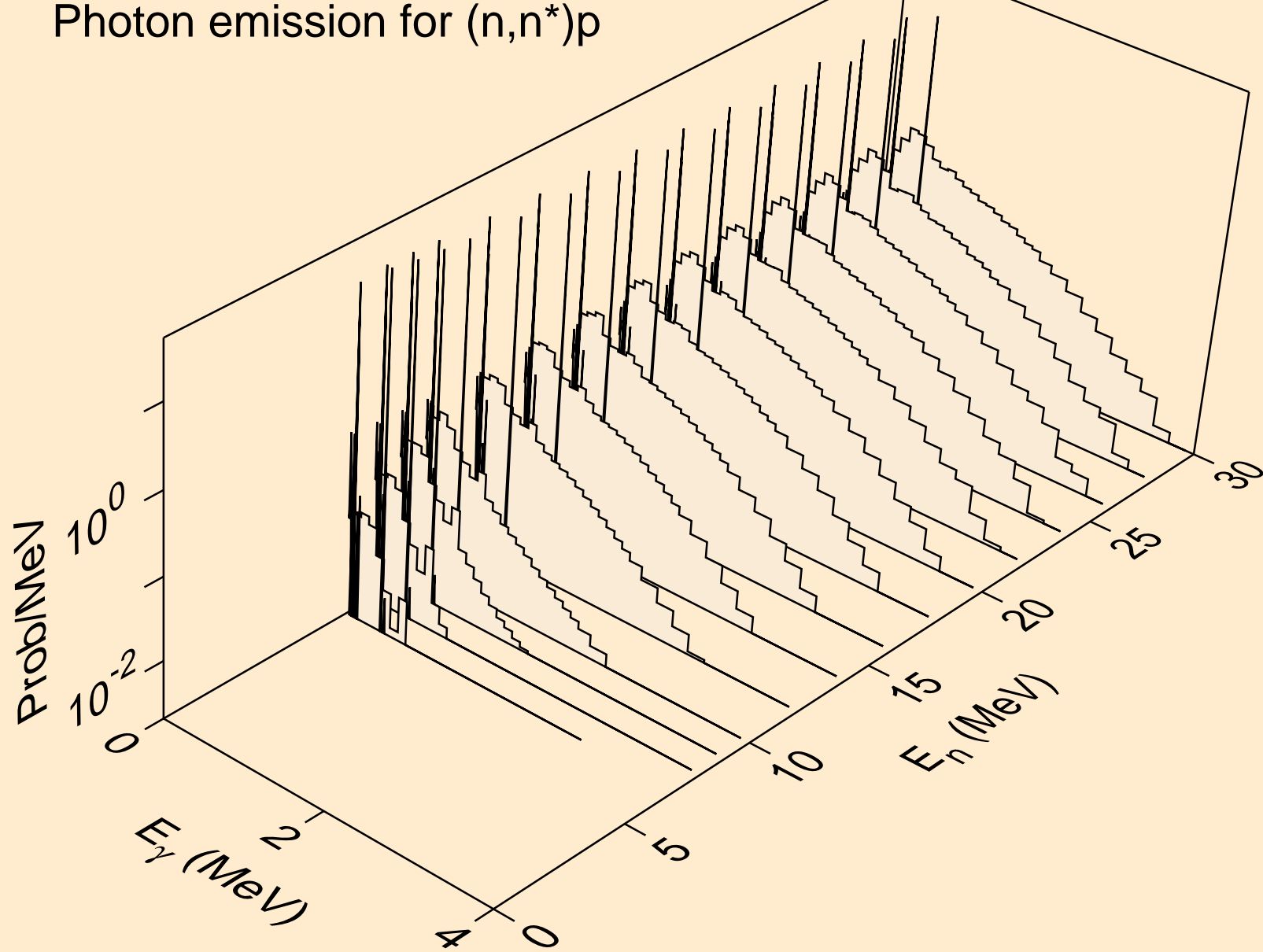




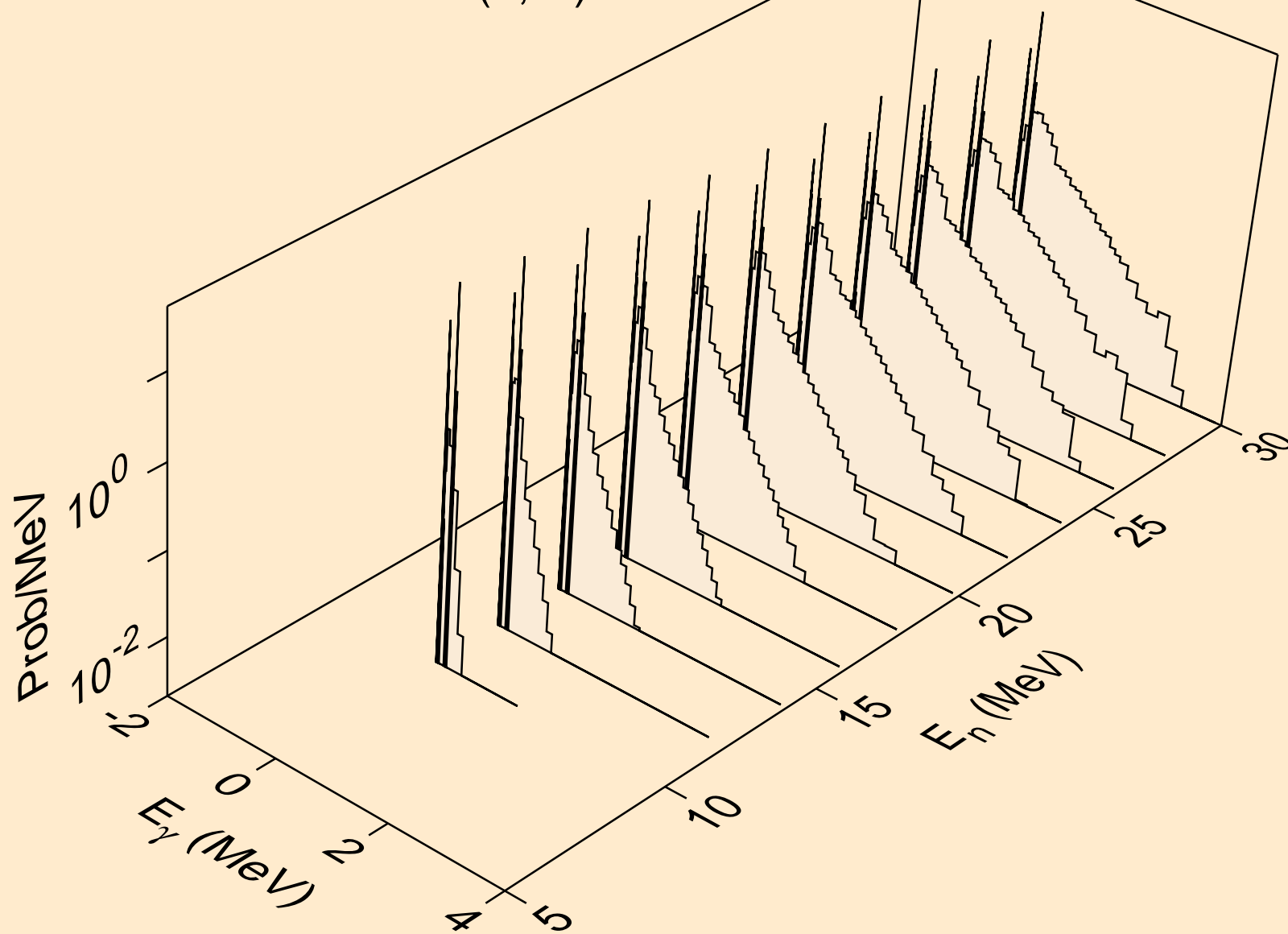
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Photon emission for (n,3n)a



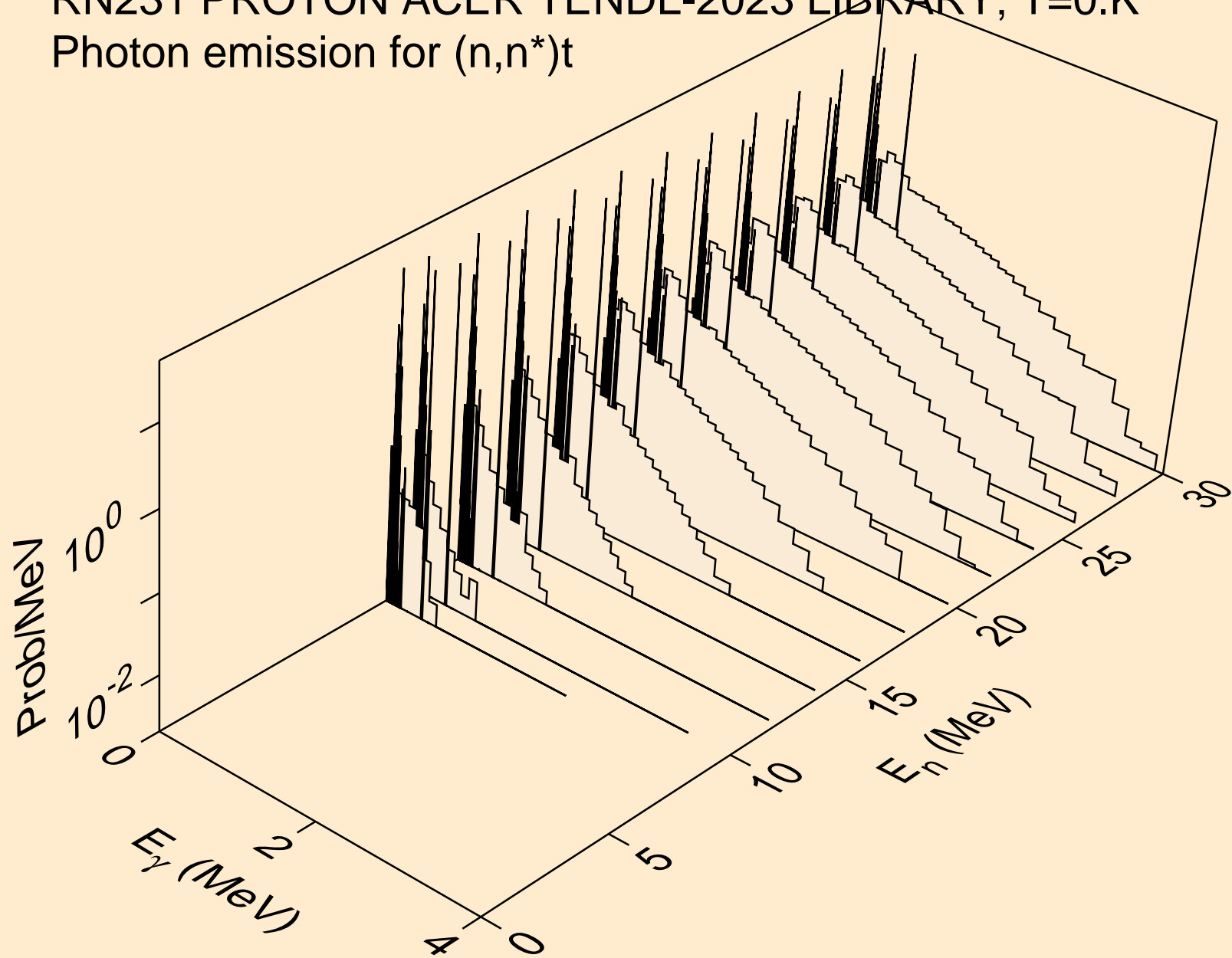
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Photon emission for (n,n\*)p



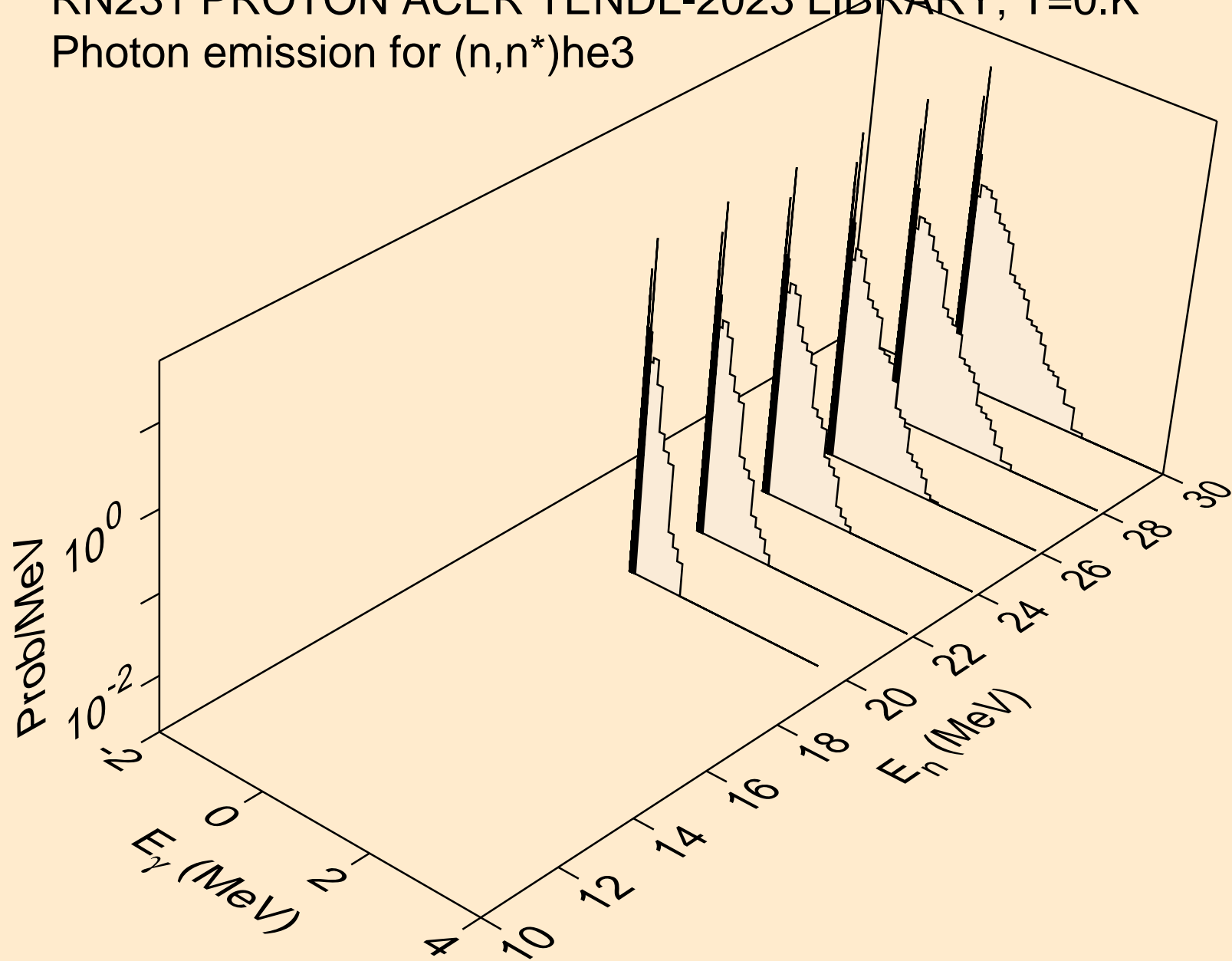
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Photon emission for (n,n\*)d



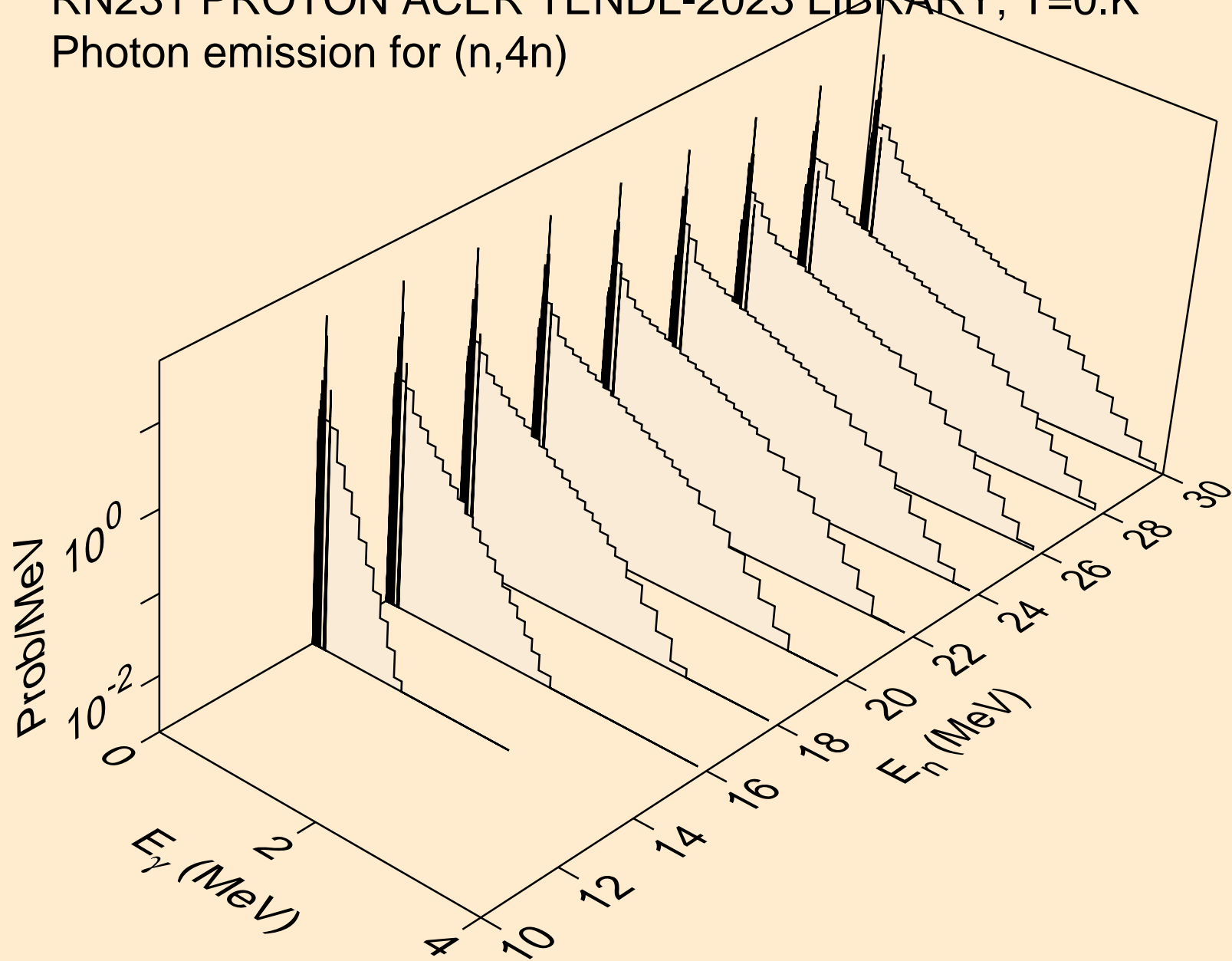
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Photon emission for (n,n\*)t



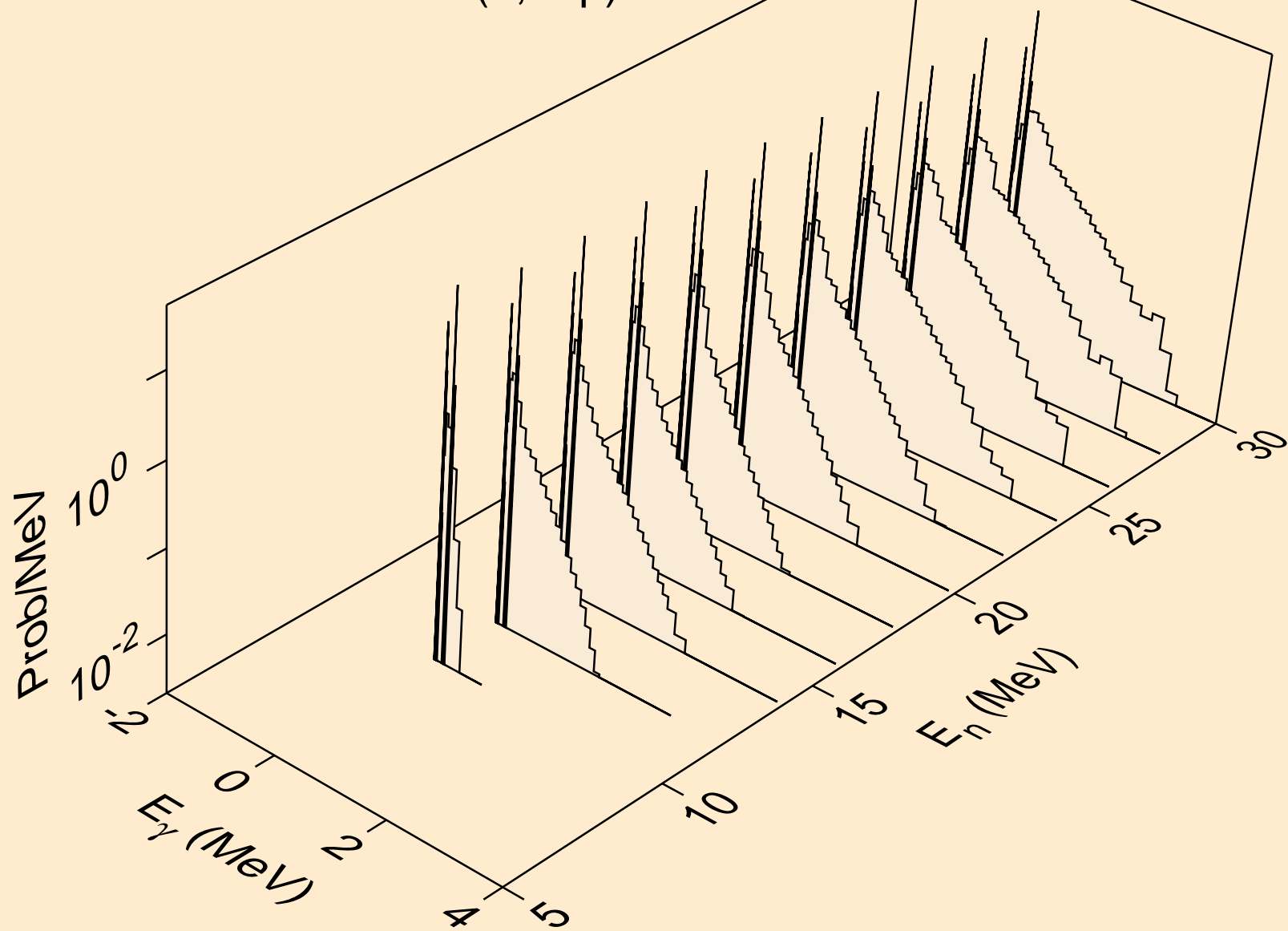
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Photon emission for (n,n\*)he3



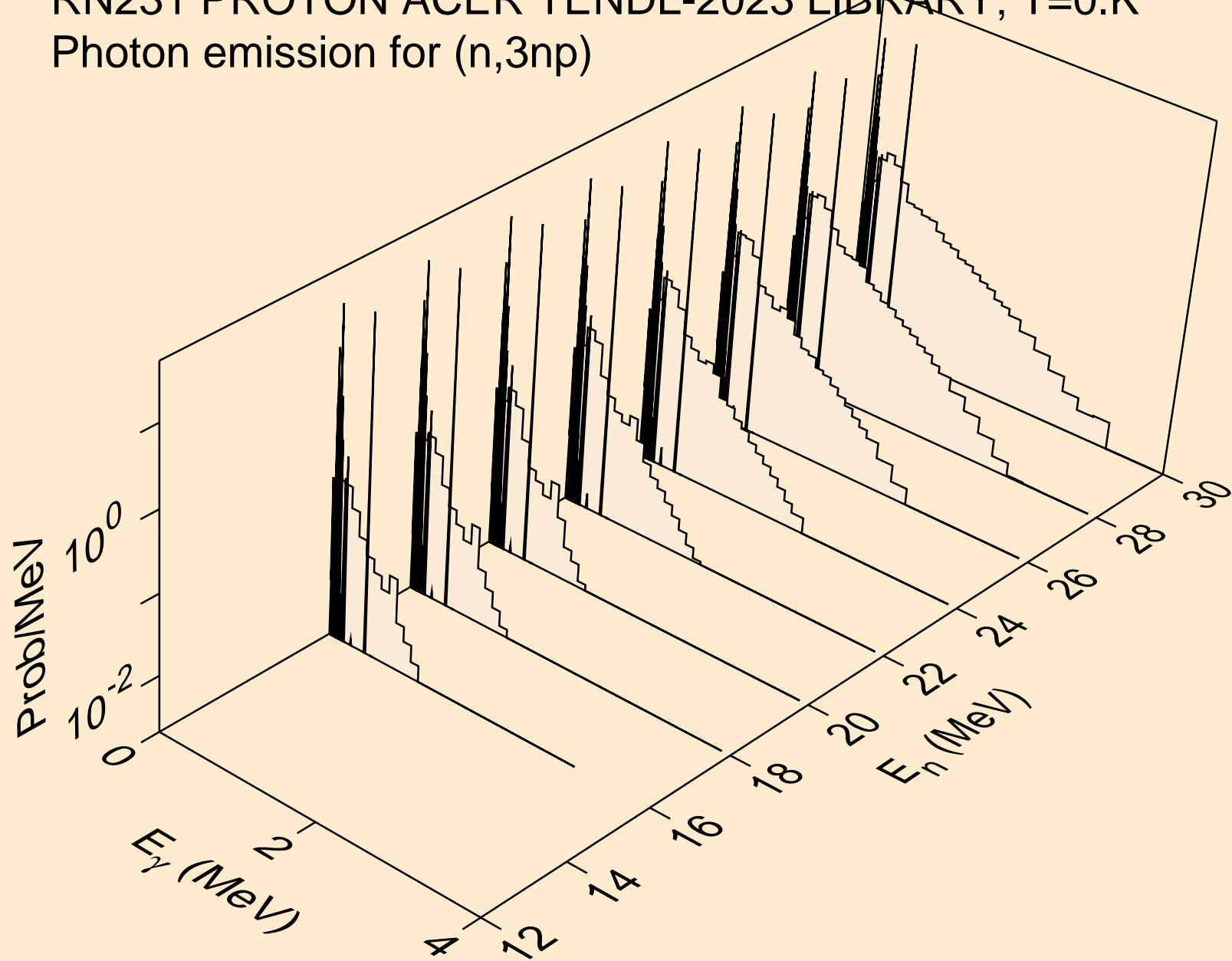
RN231 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



RN231 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

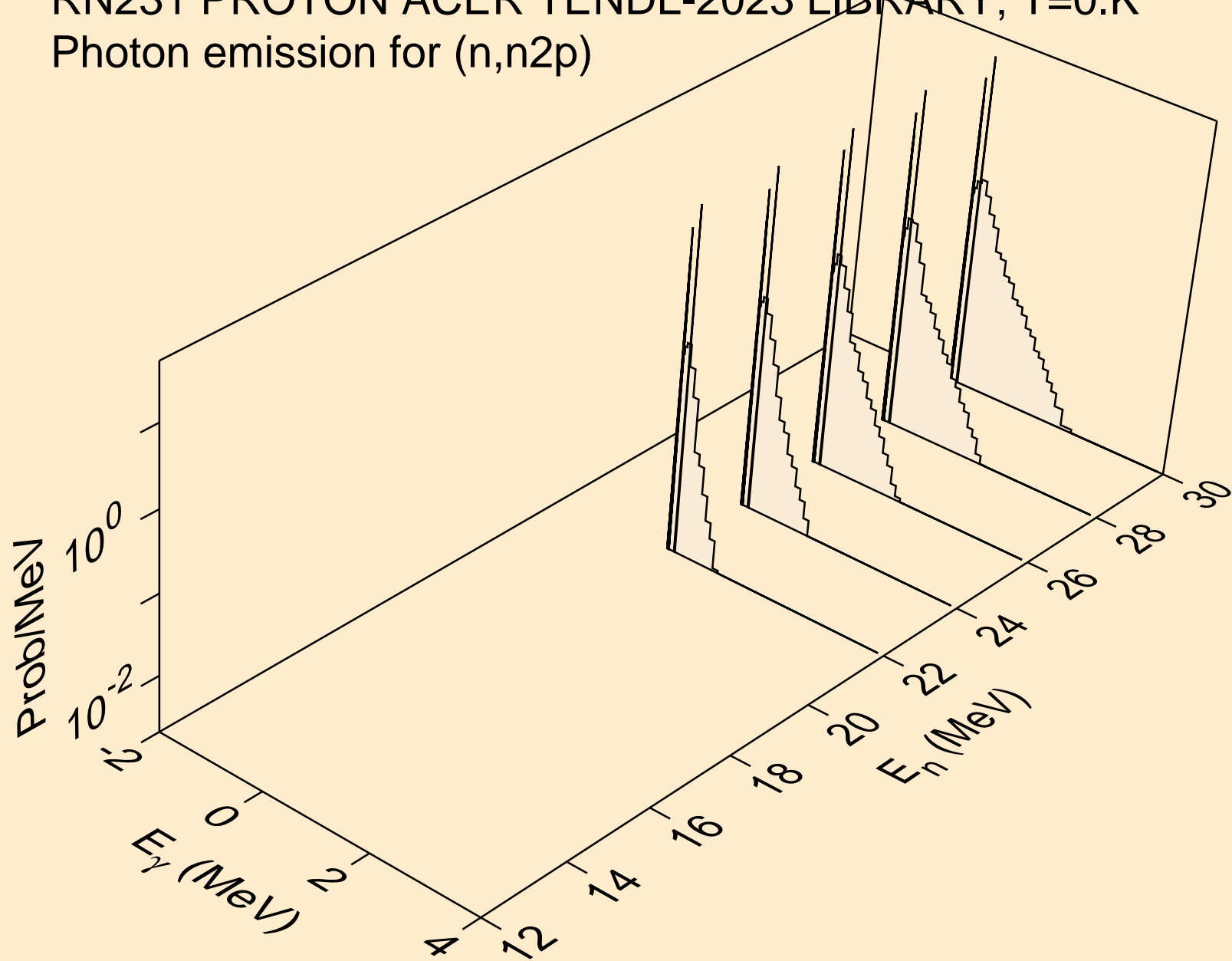


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Photon emission for (n,3np)

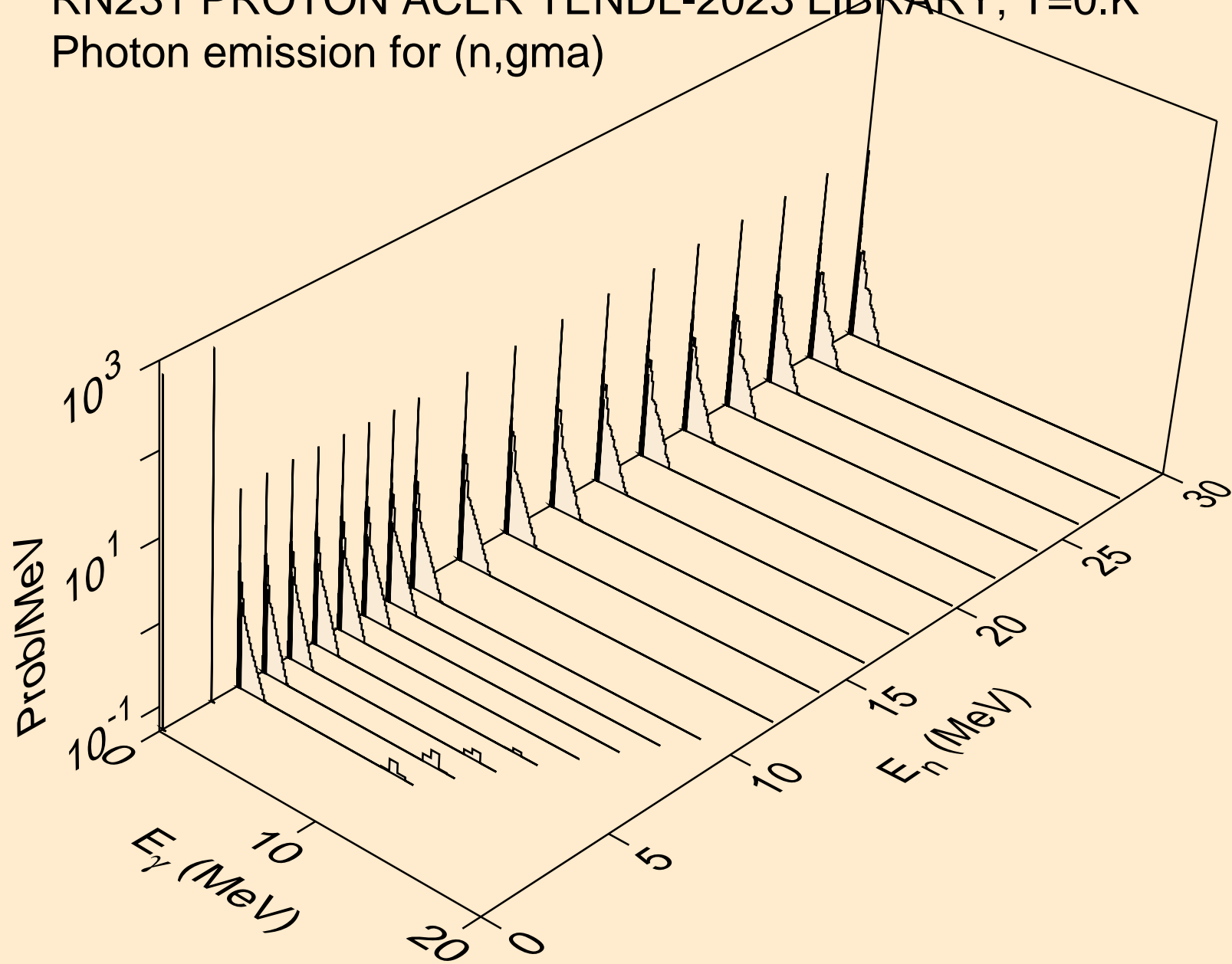




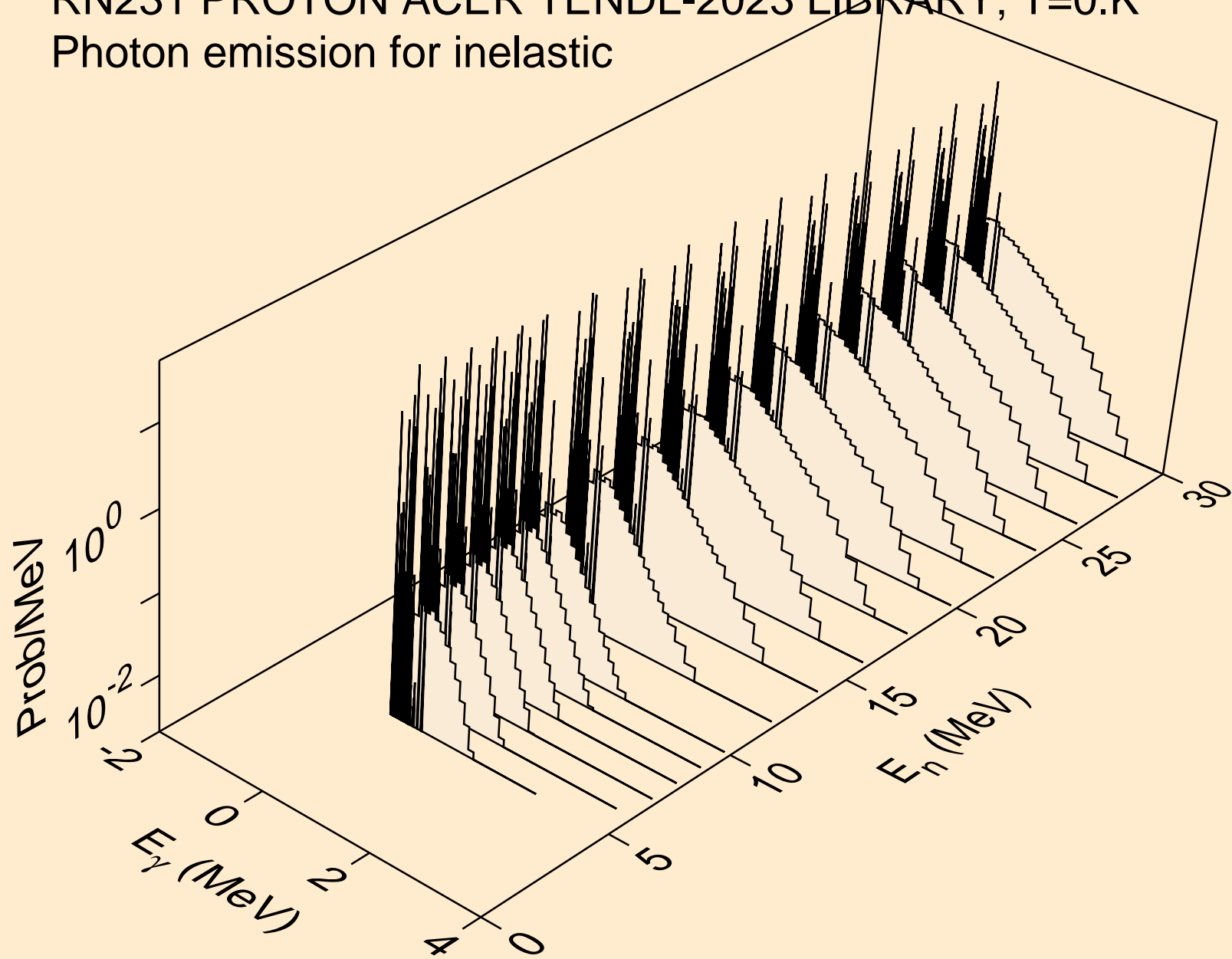
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Photon emission for (n,n2p)



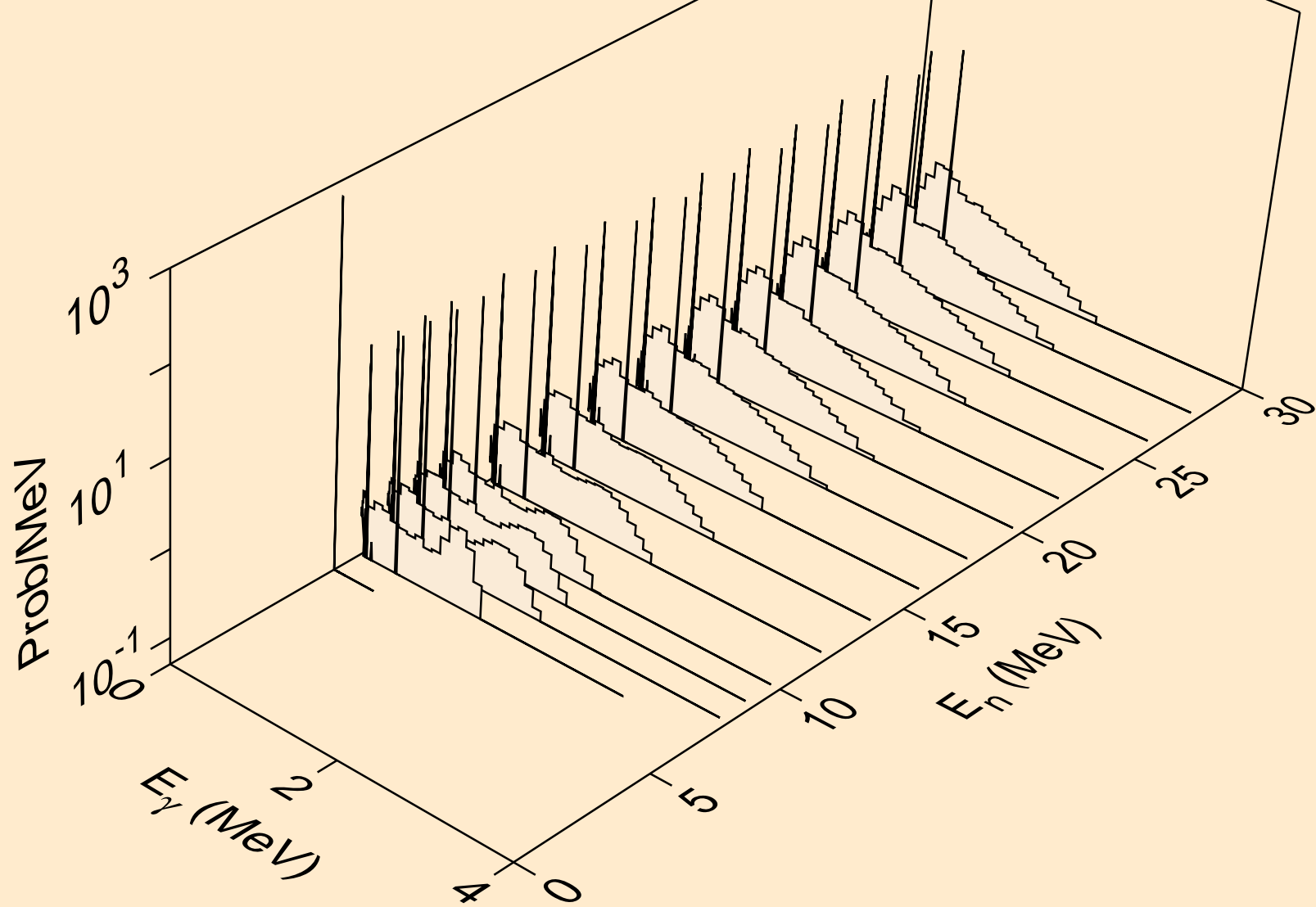
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Photon emission for (n,gma)



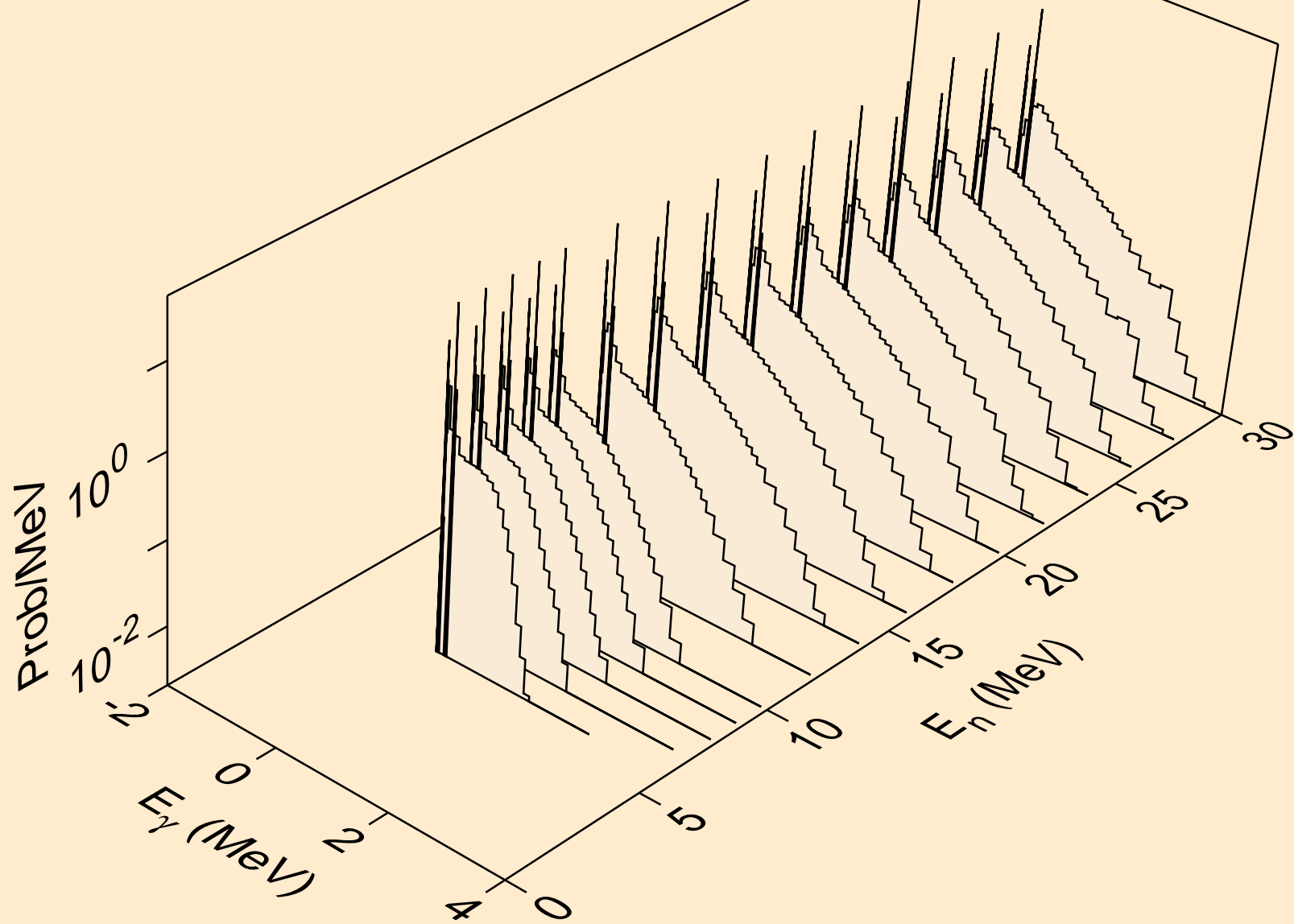
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Photon emission for inelastic



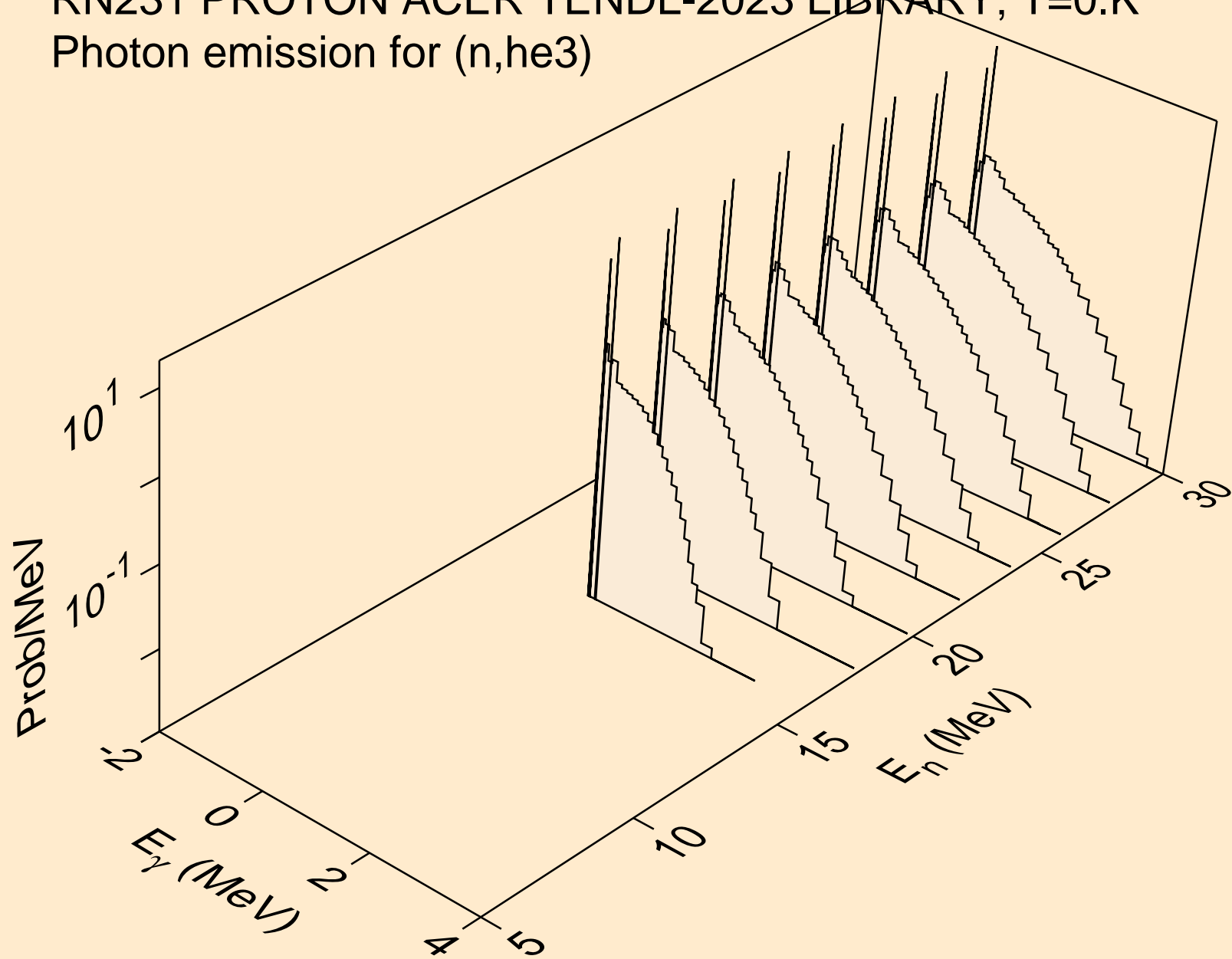
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Photon emission for (n,d)



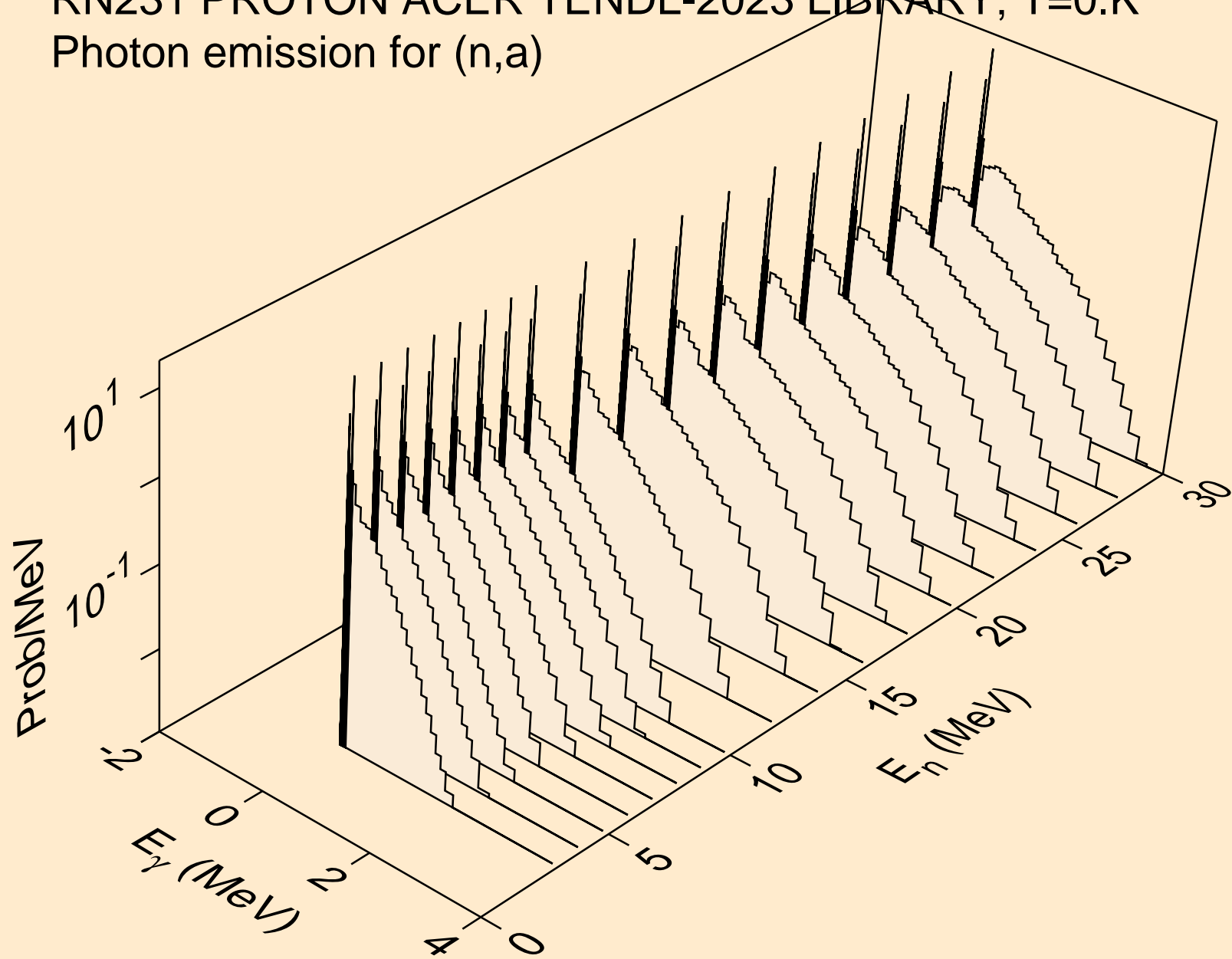
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Photon emission for (n,t)



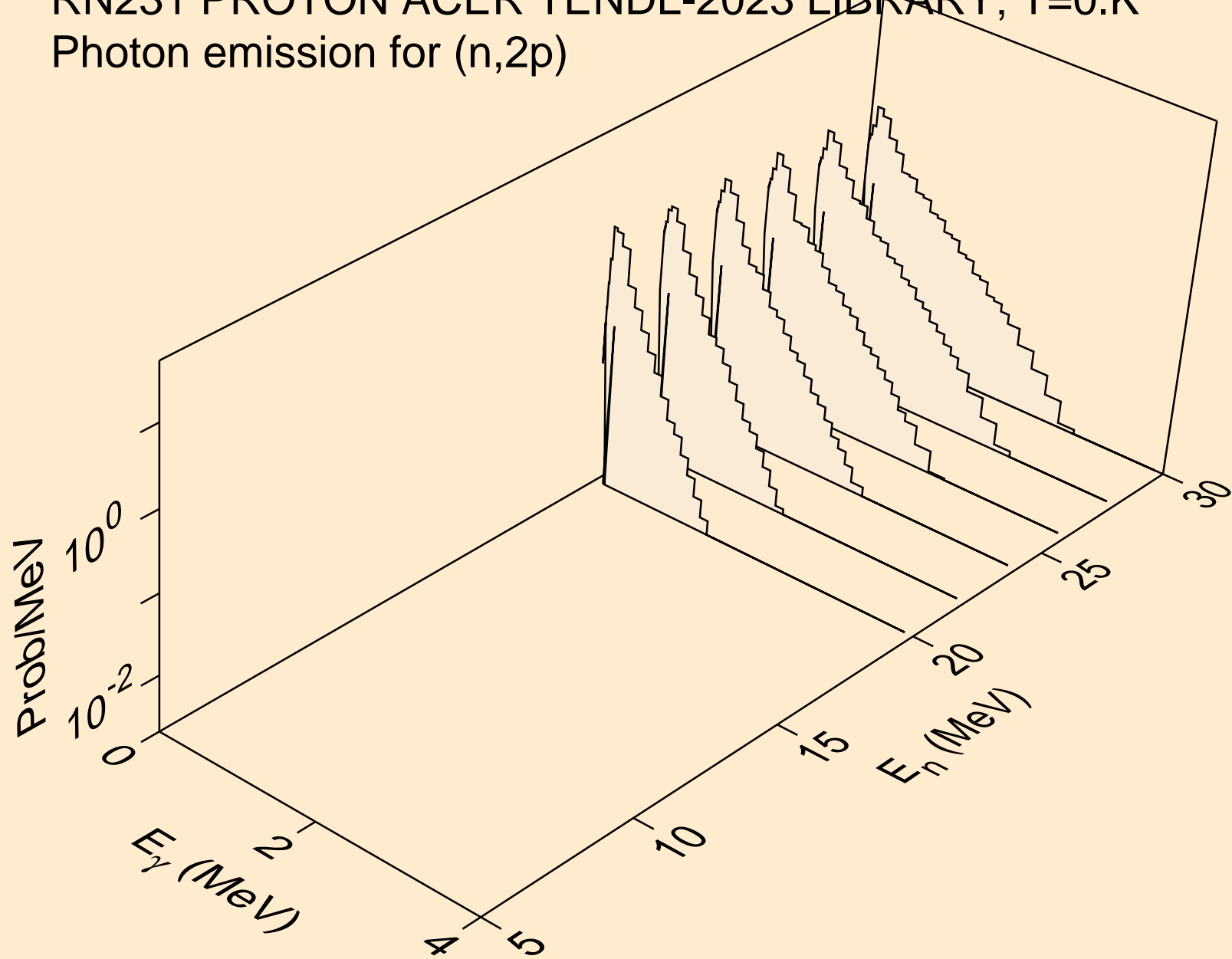
RN231 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



RN231 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)

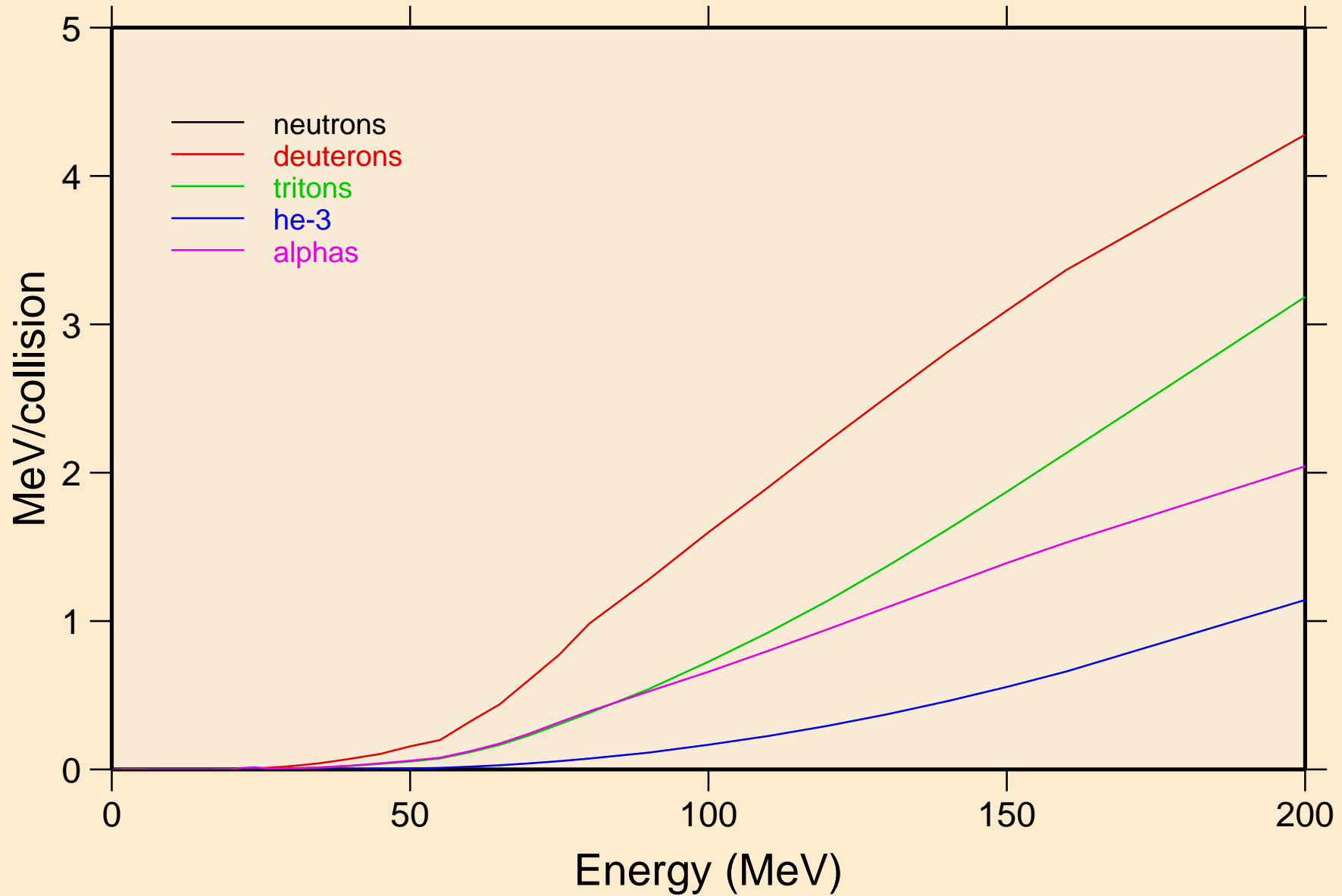


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Photon emission for (n,2p)

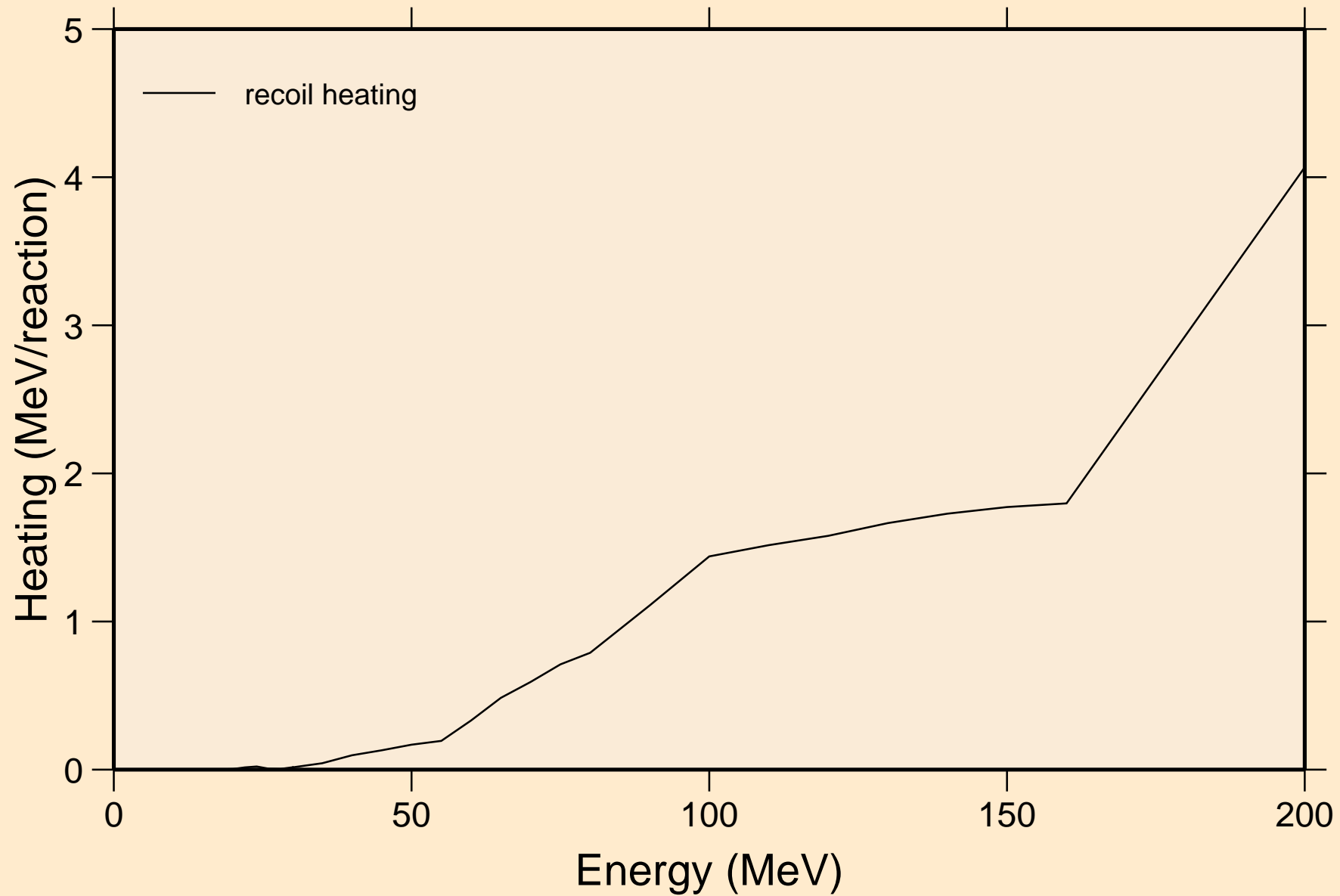




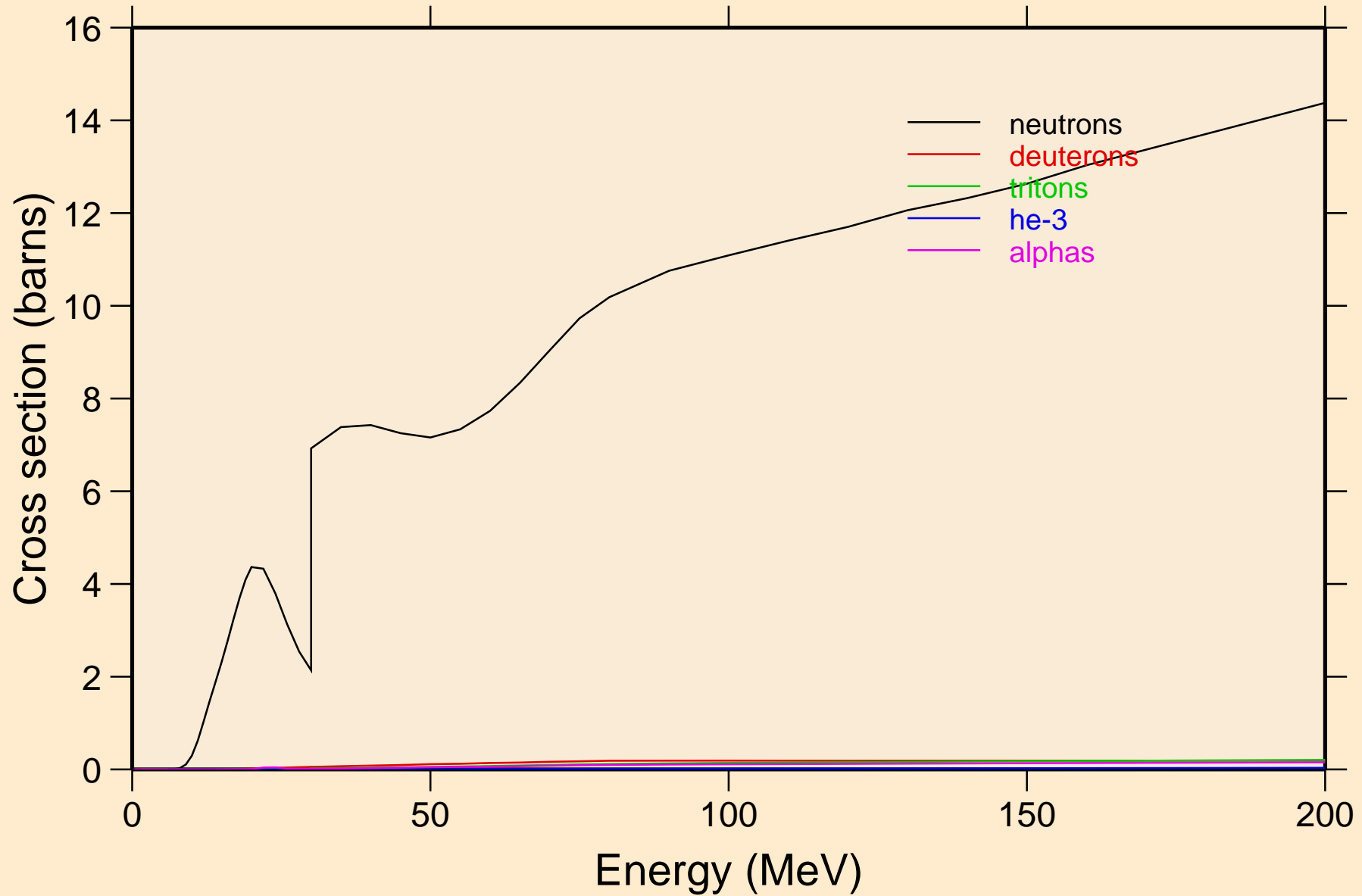
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Particle heating contributions



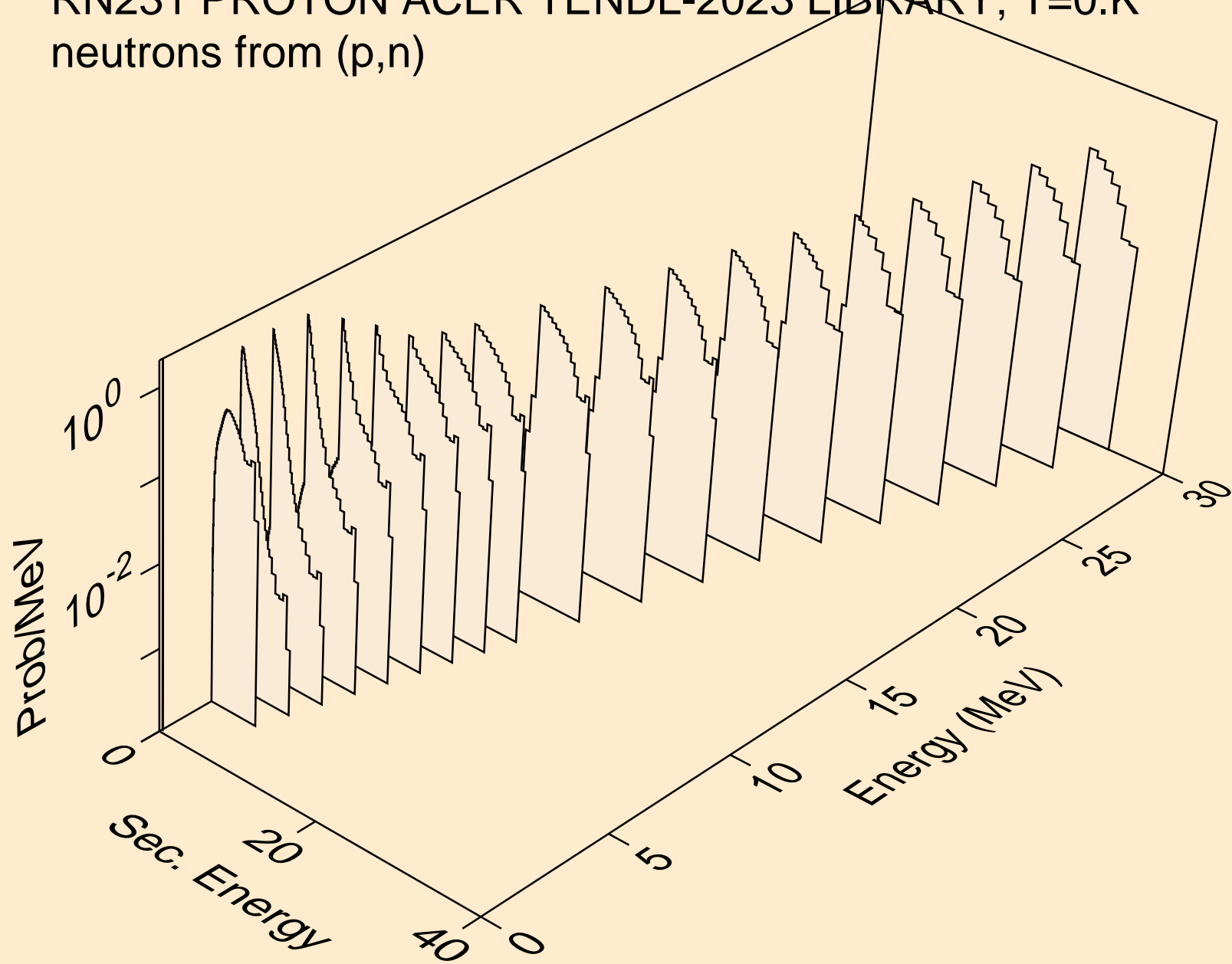
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Recoil Heating



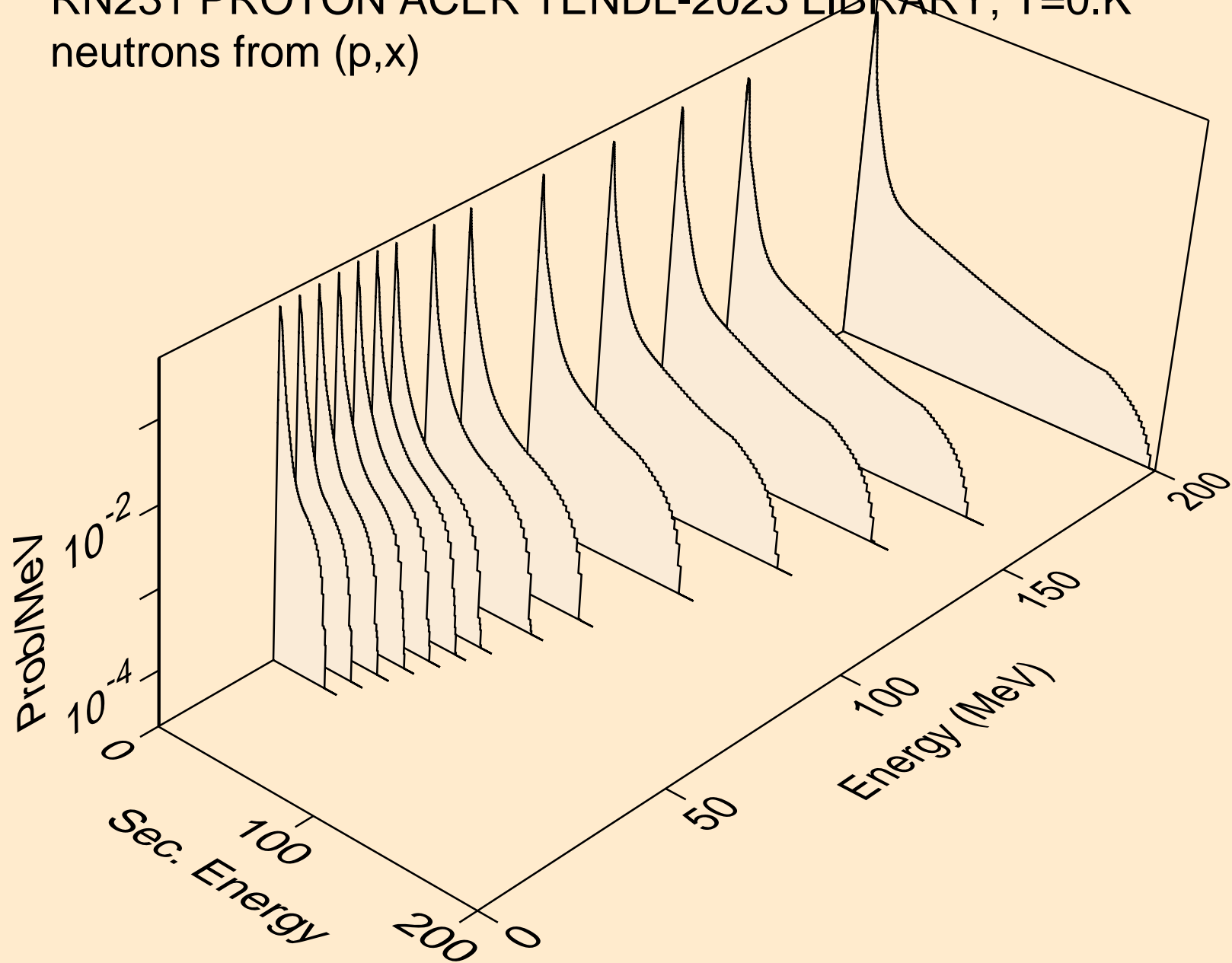
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Particle production cross sections



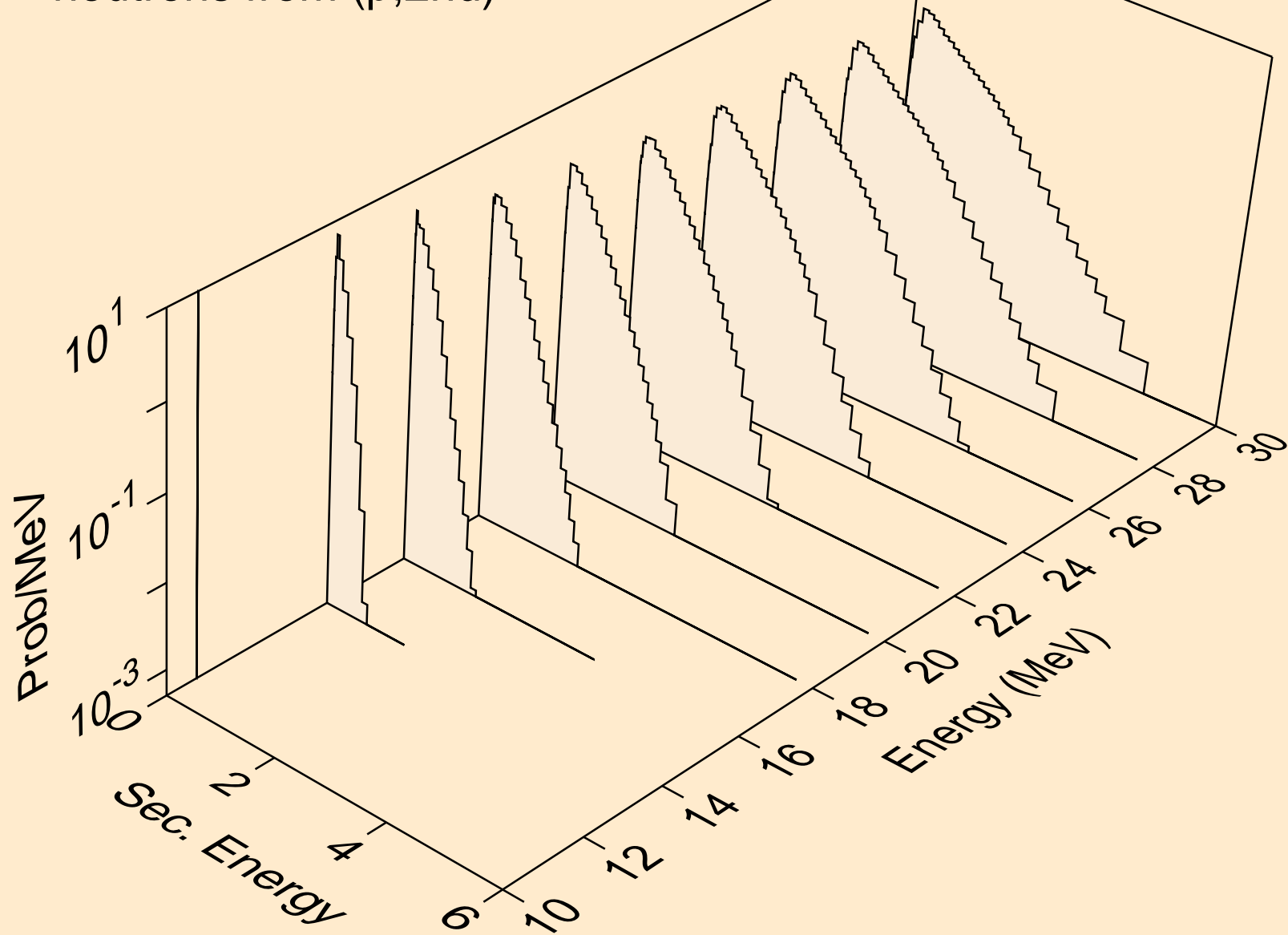
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neutrons from (p,n)



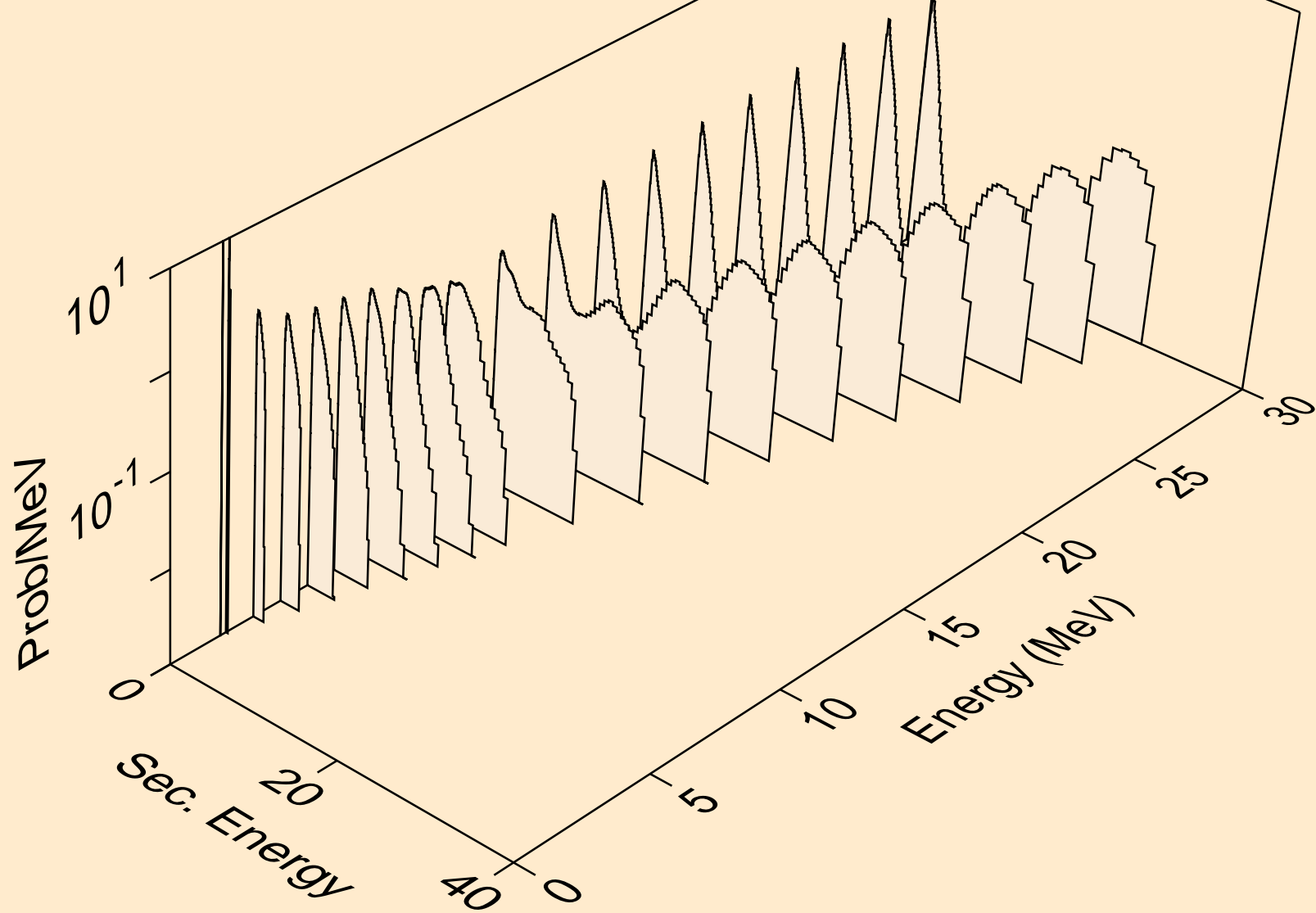
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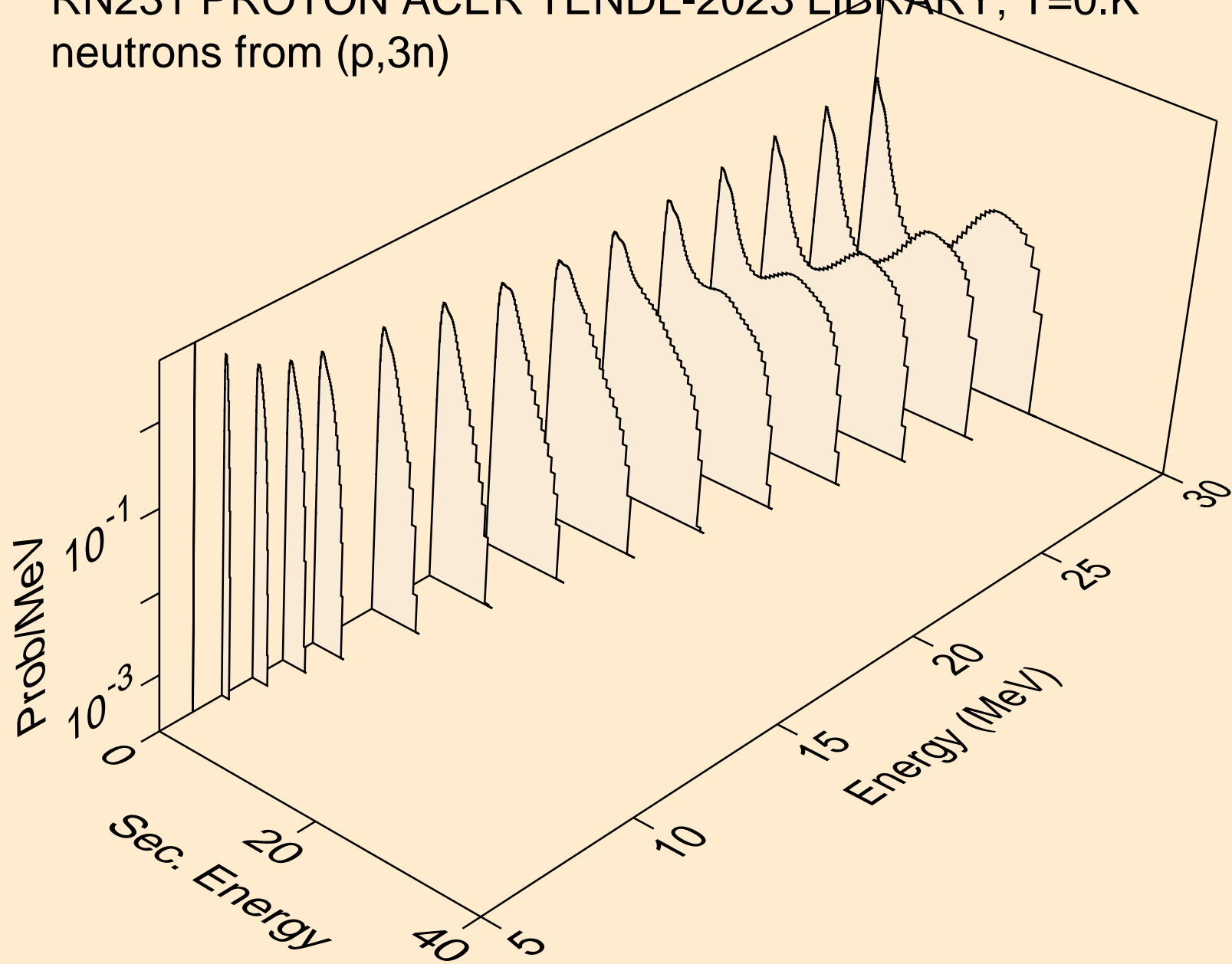
RN231 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2nd)



RN231 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)

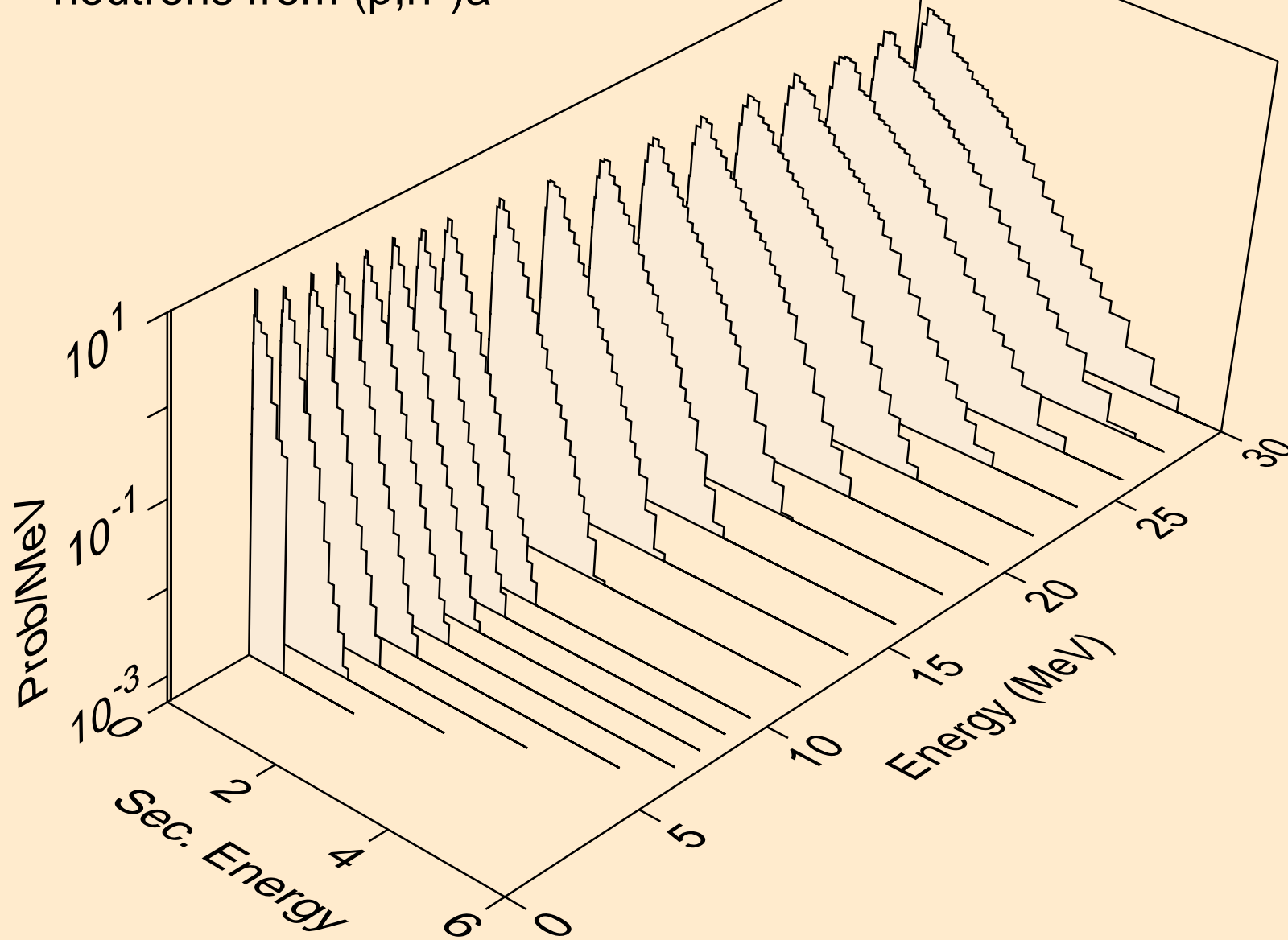


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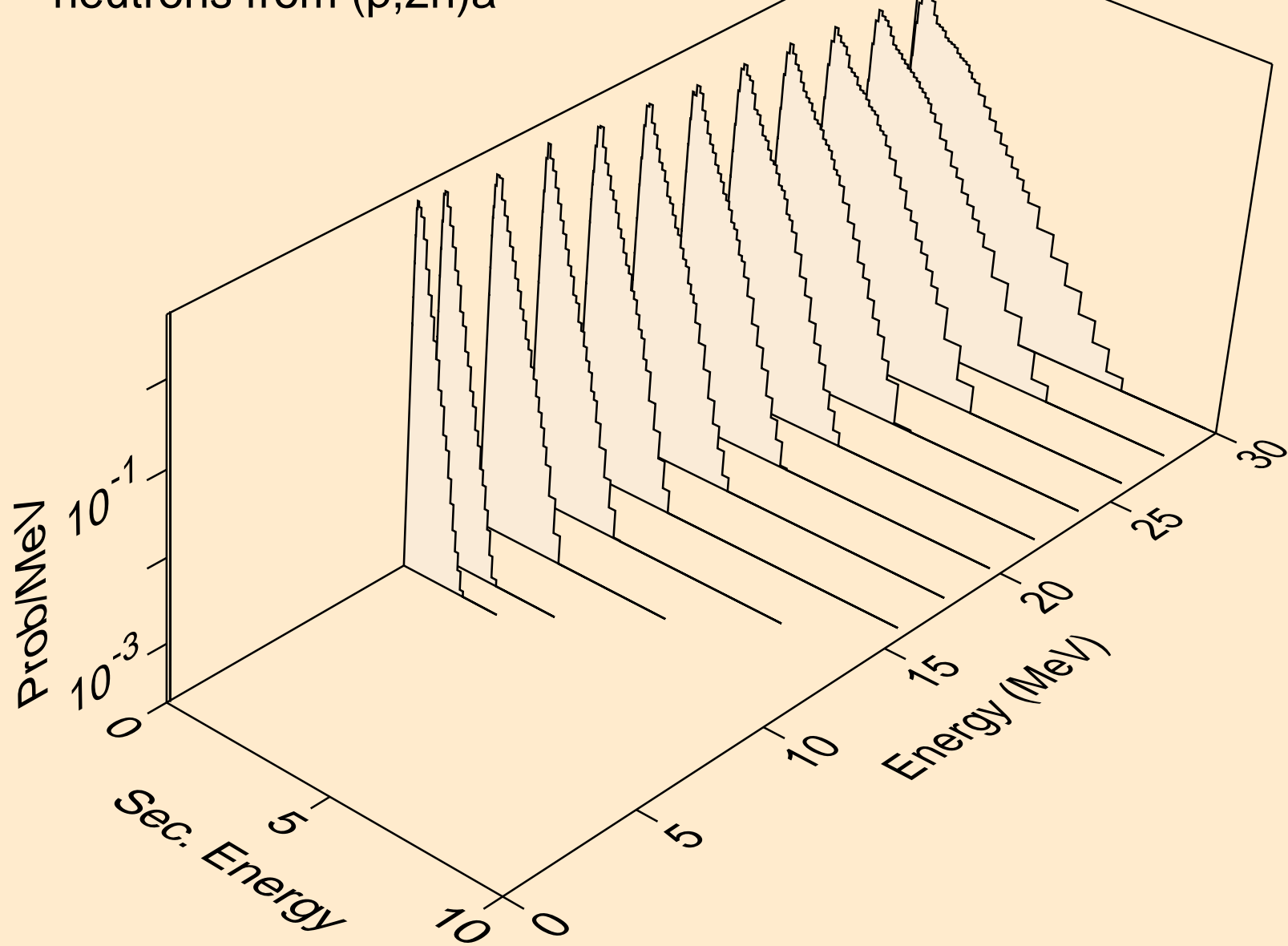




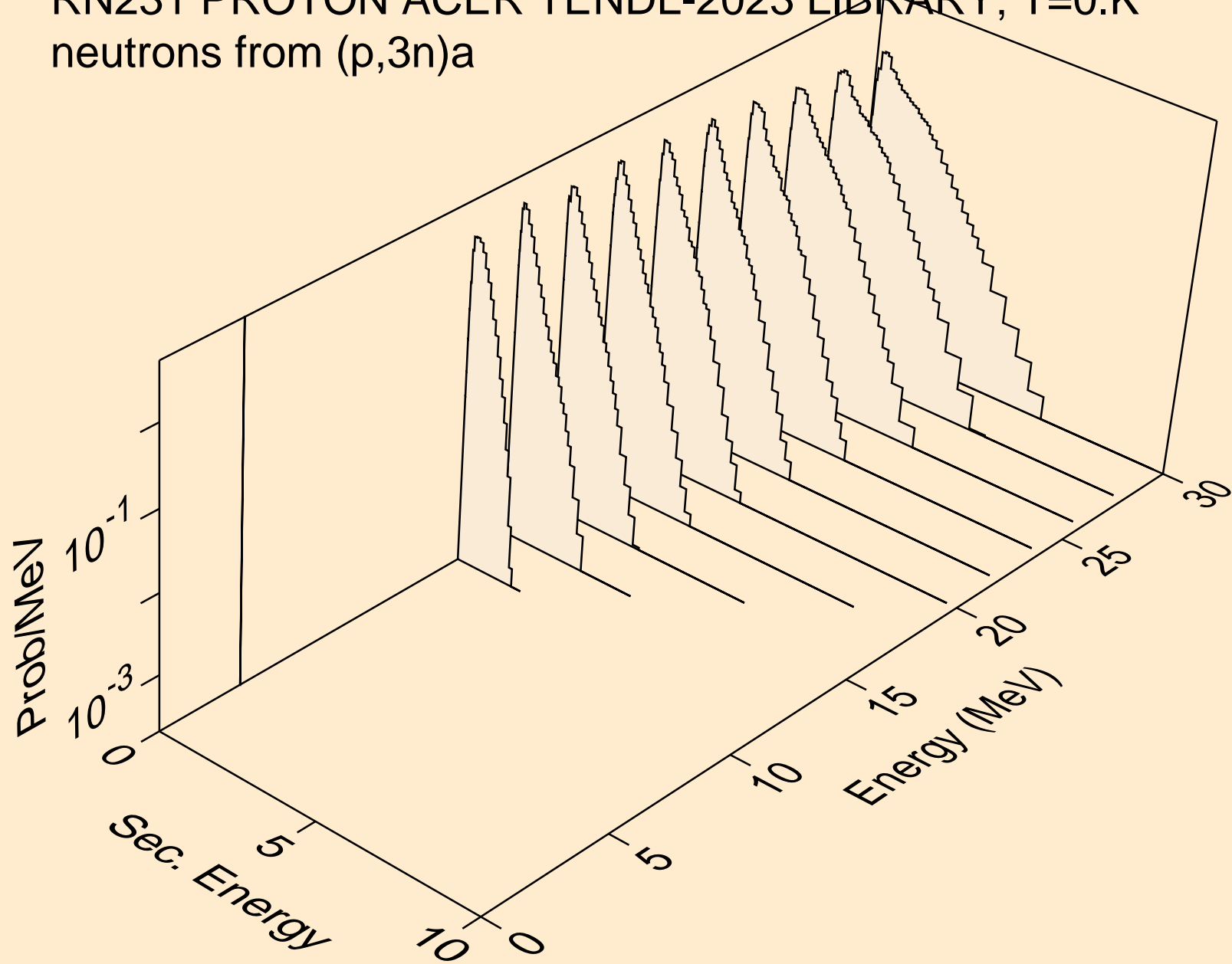
RN231 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



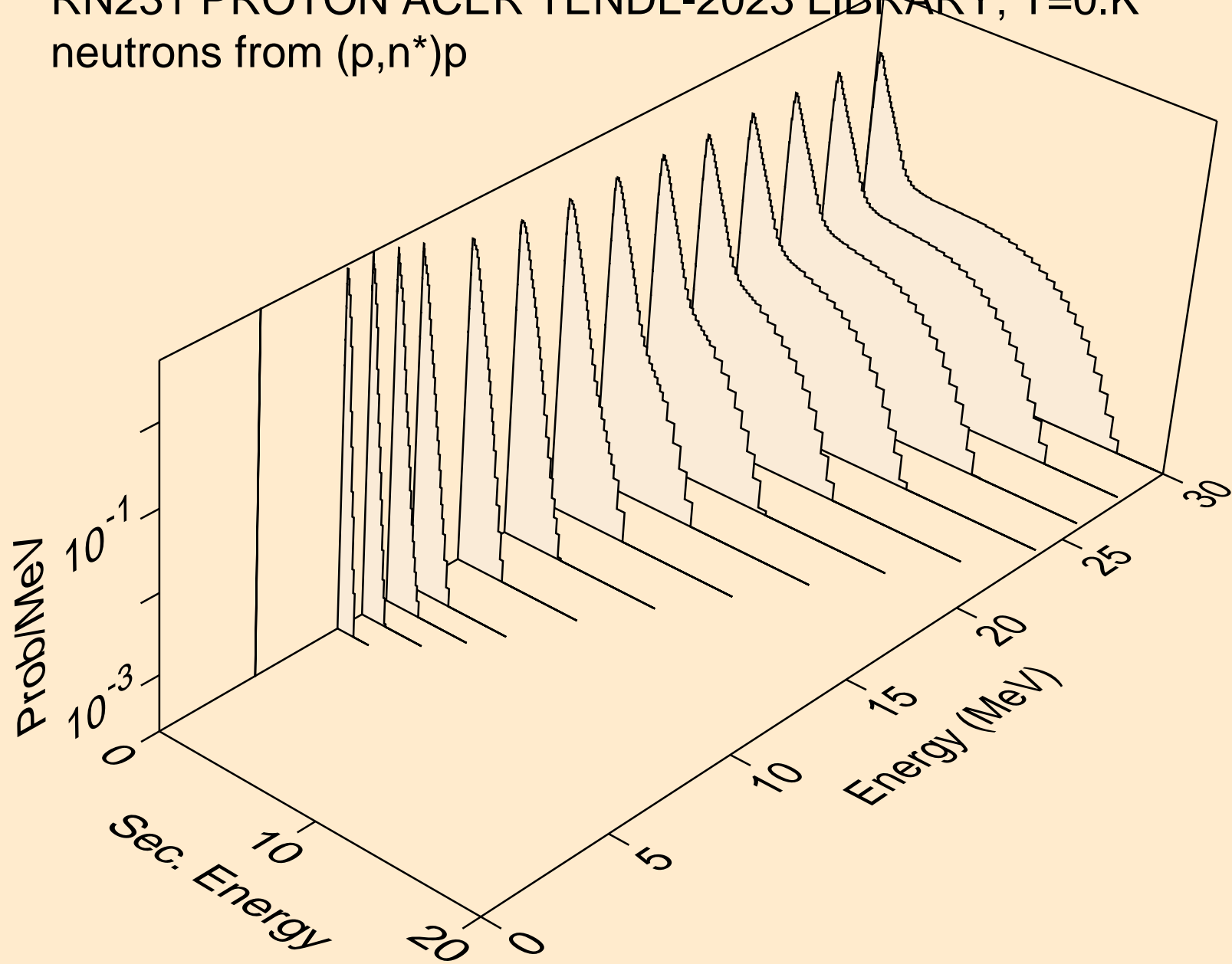
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neutrons from (p,2n)a



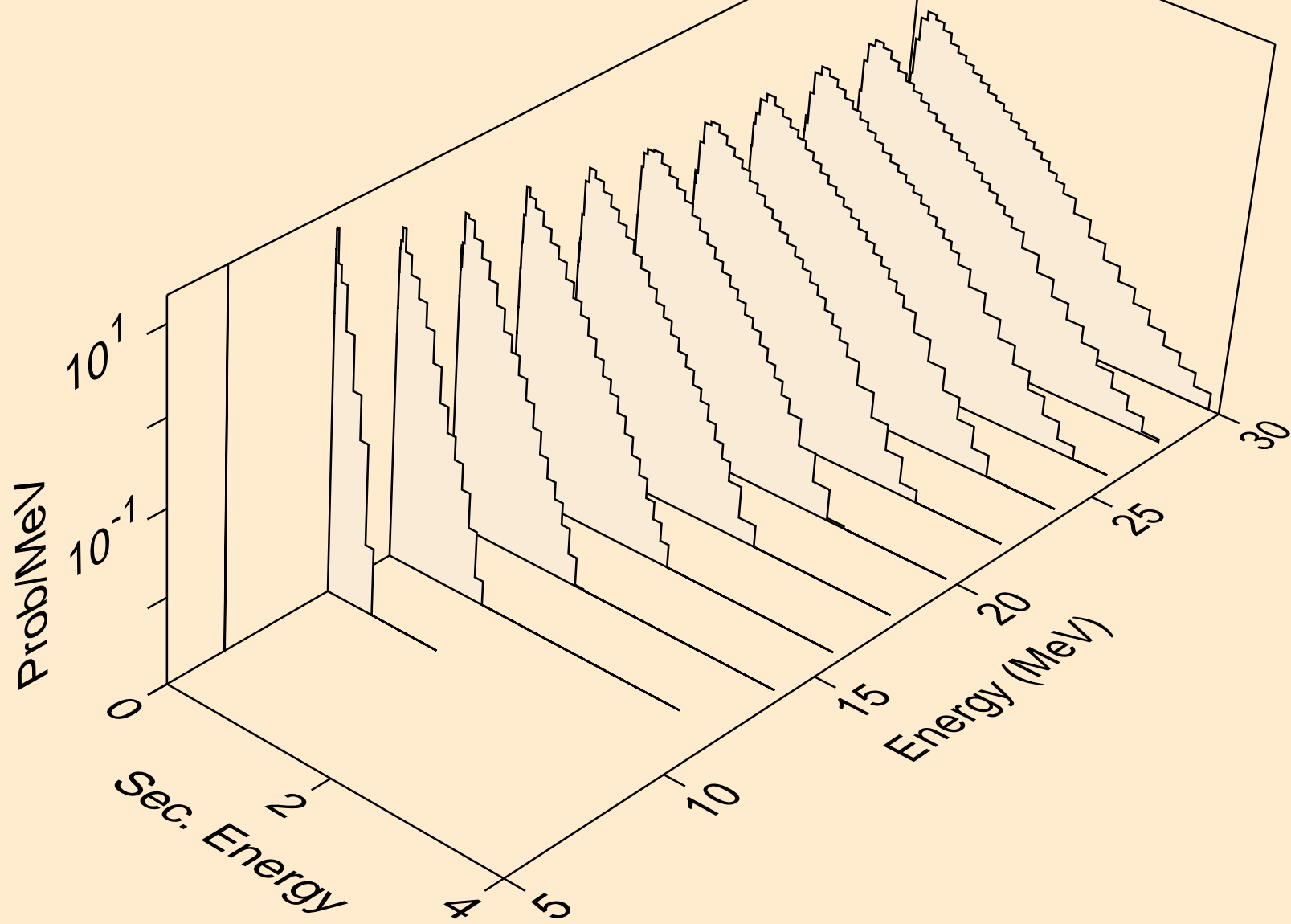
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neutrons from (p,3n)a



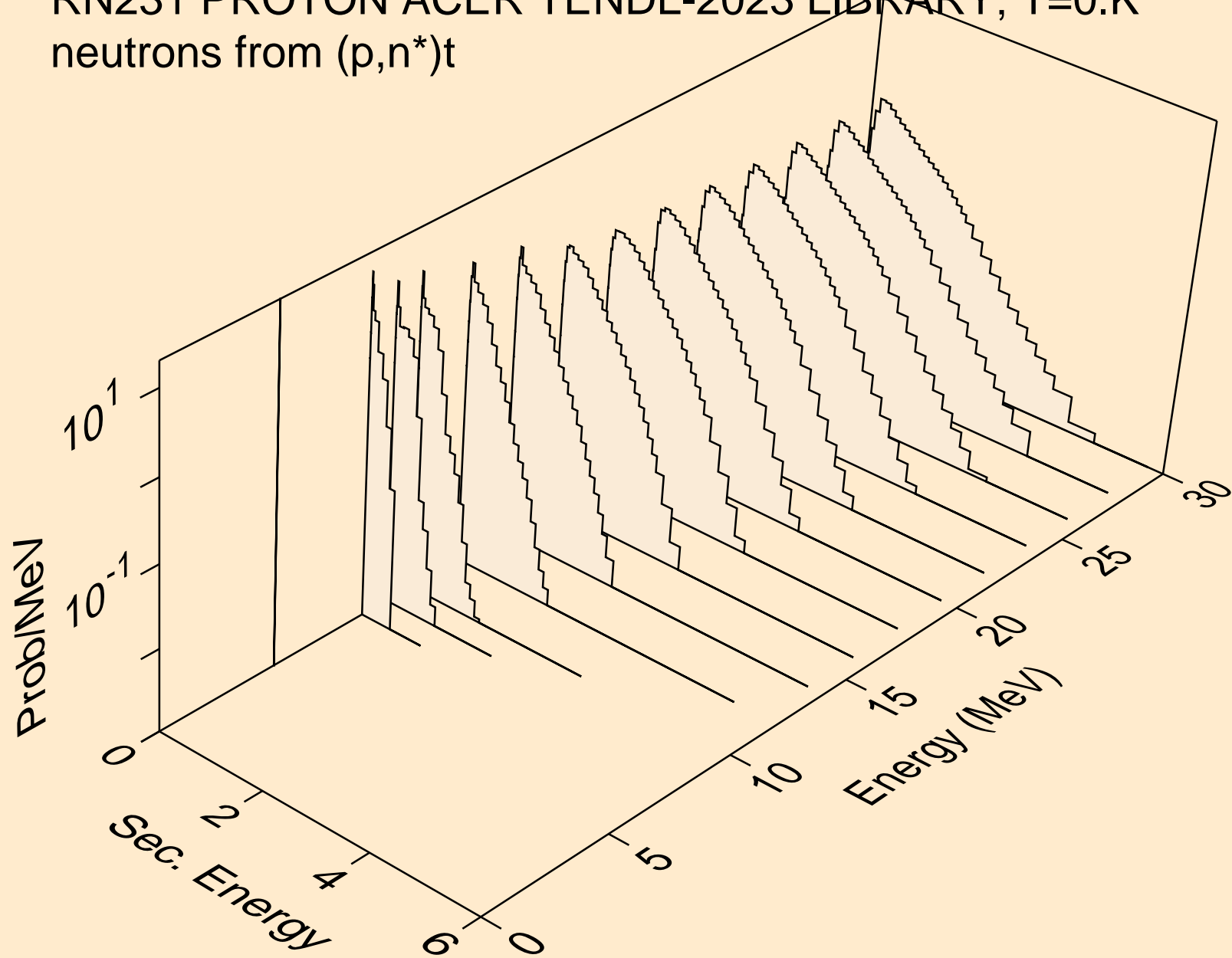
RN231 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)p



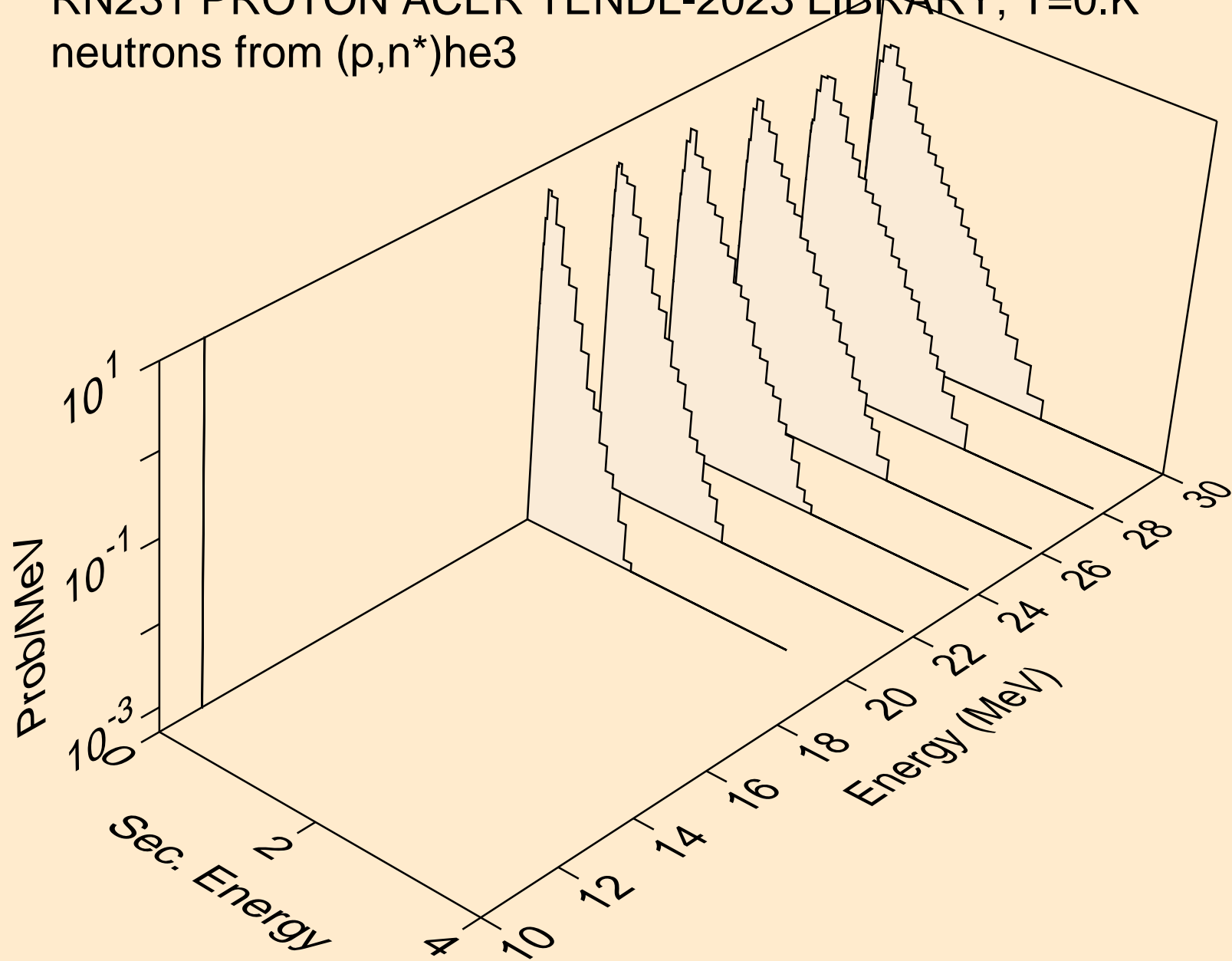
RN231 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)d



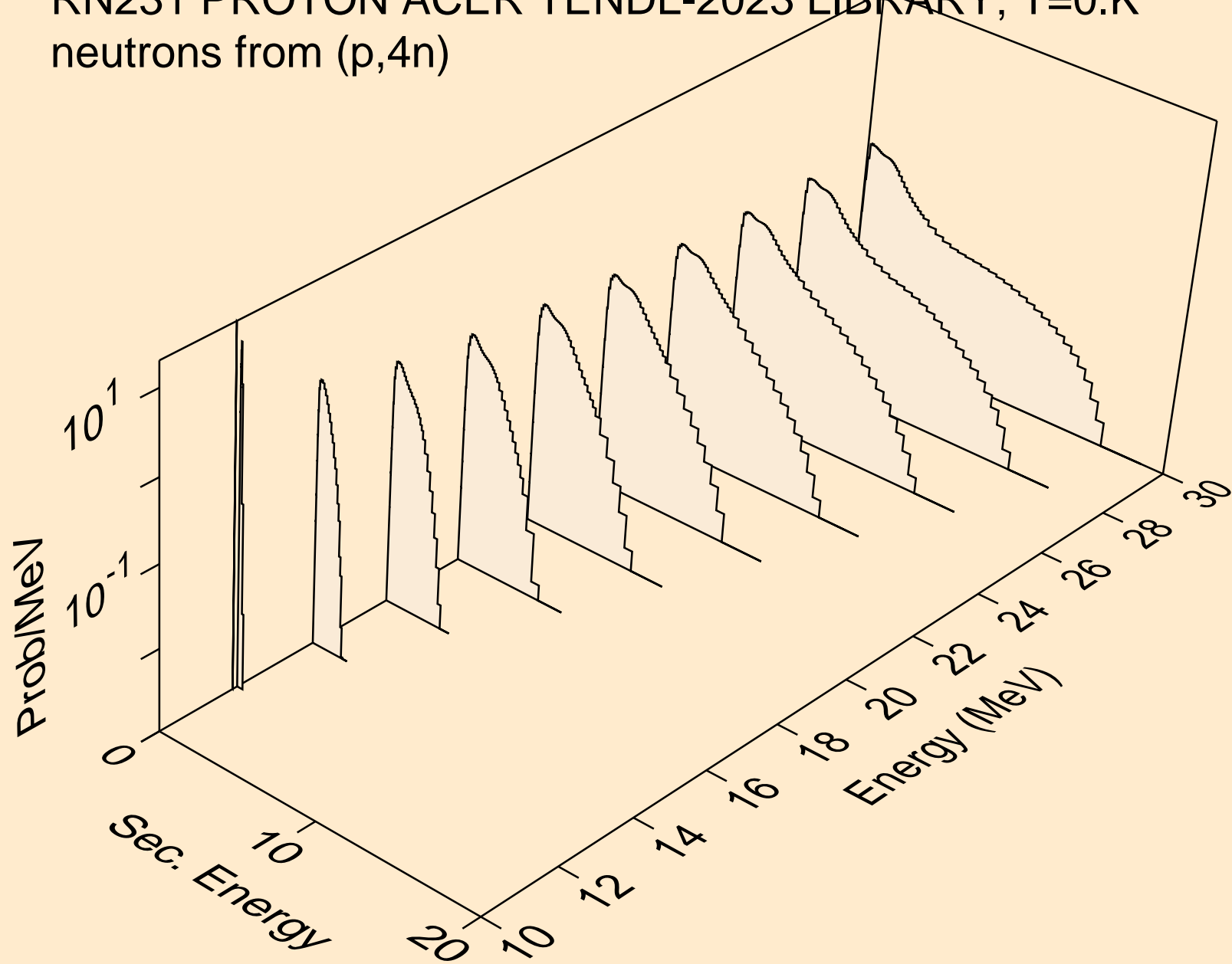
RN231 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)t



RN231 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3

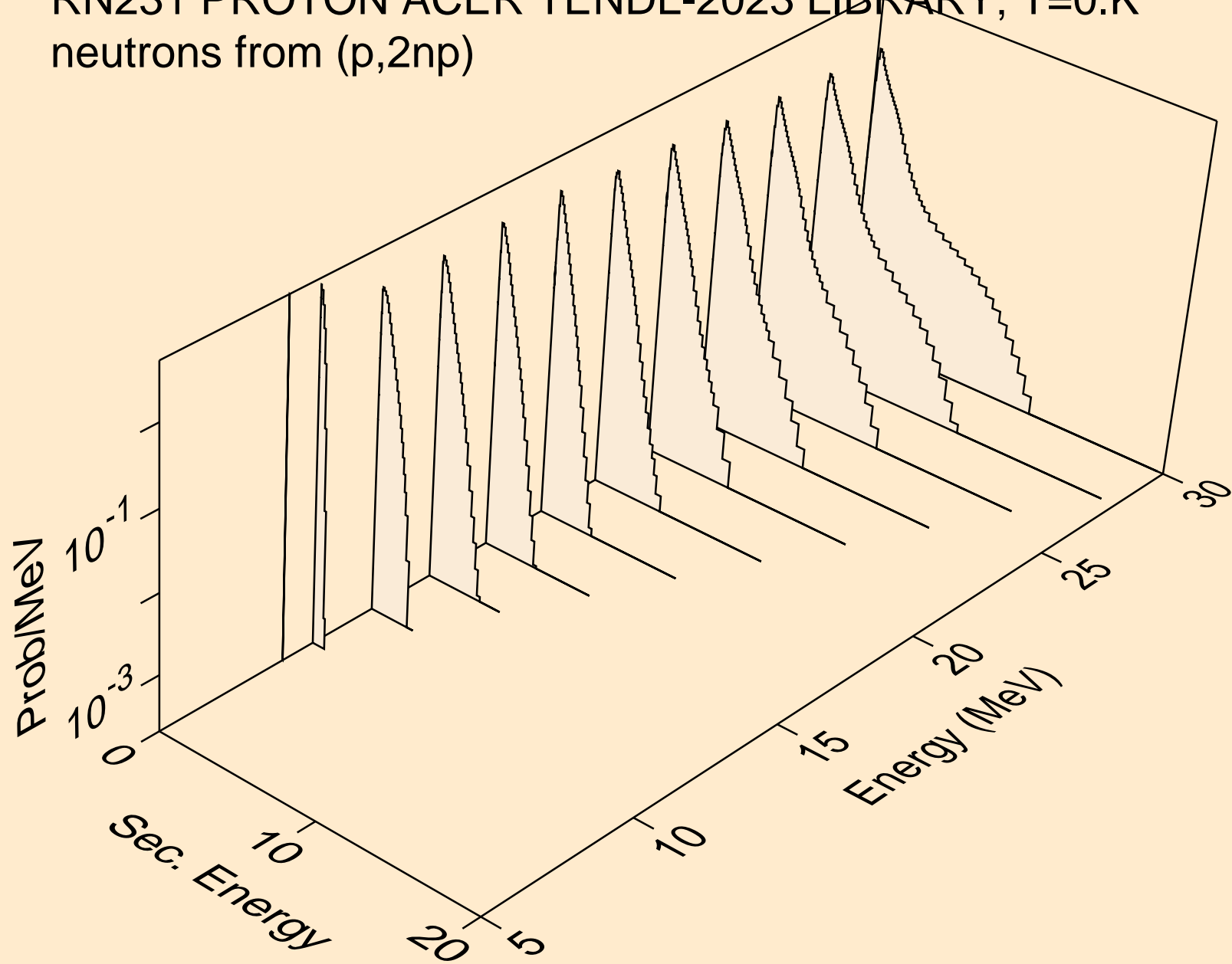


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neutrons from (p,4n)

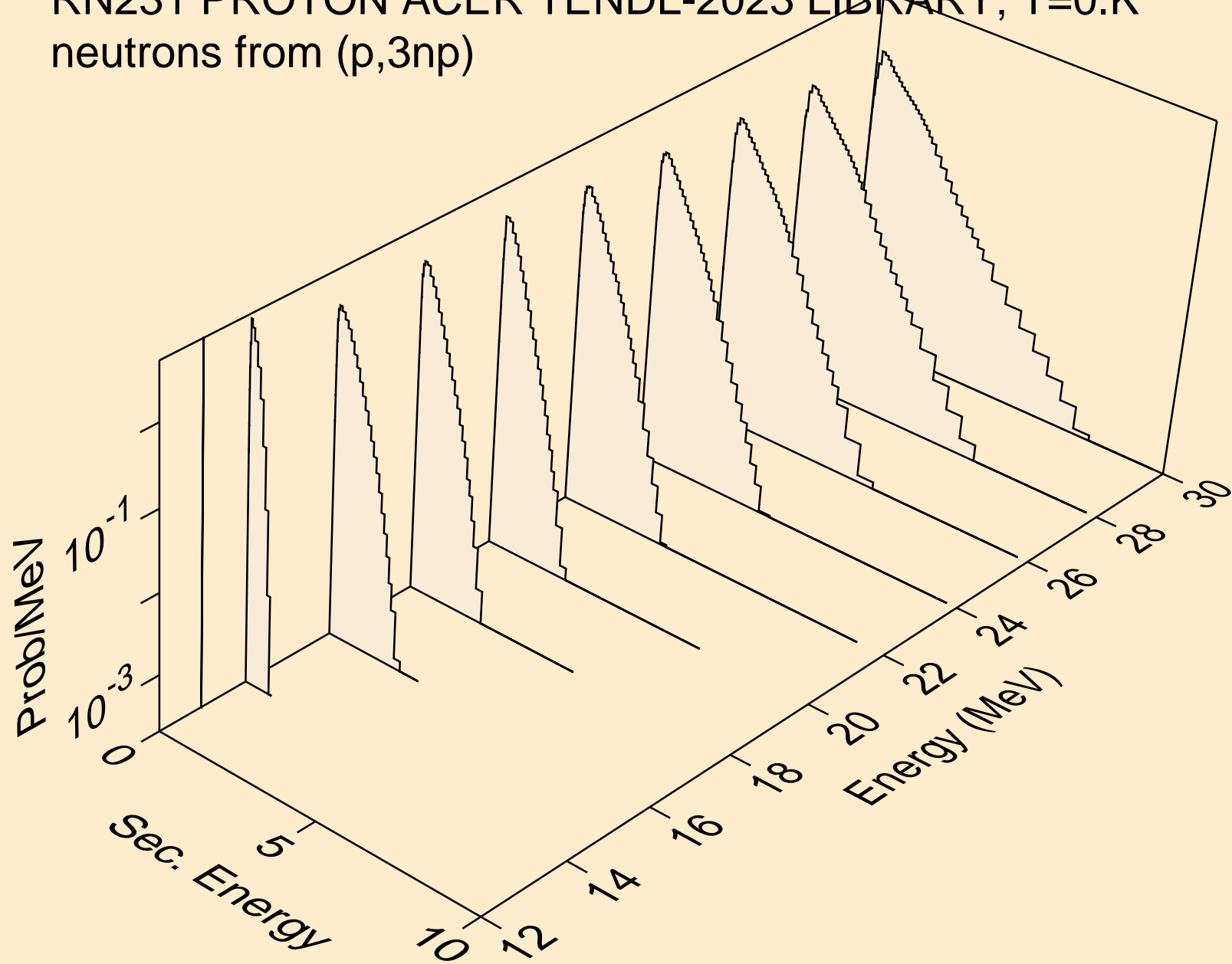




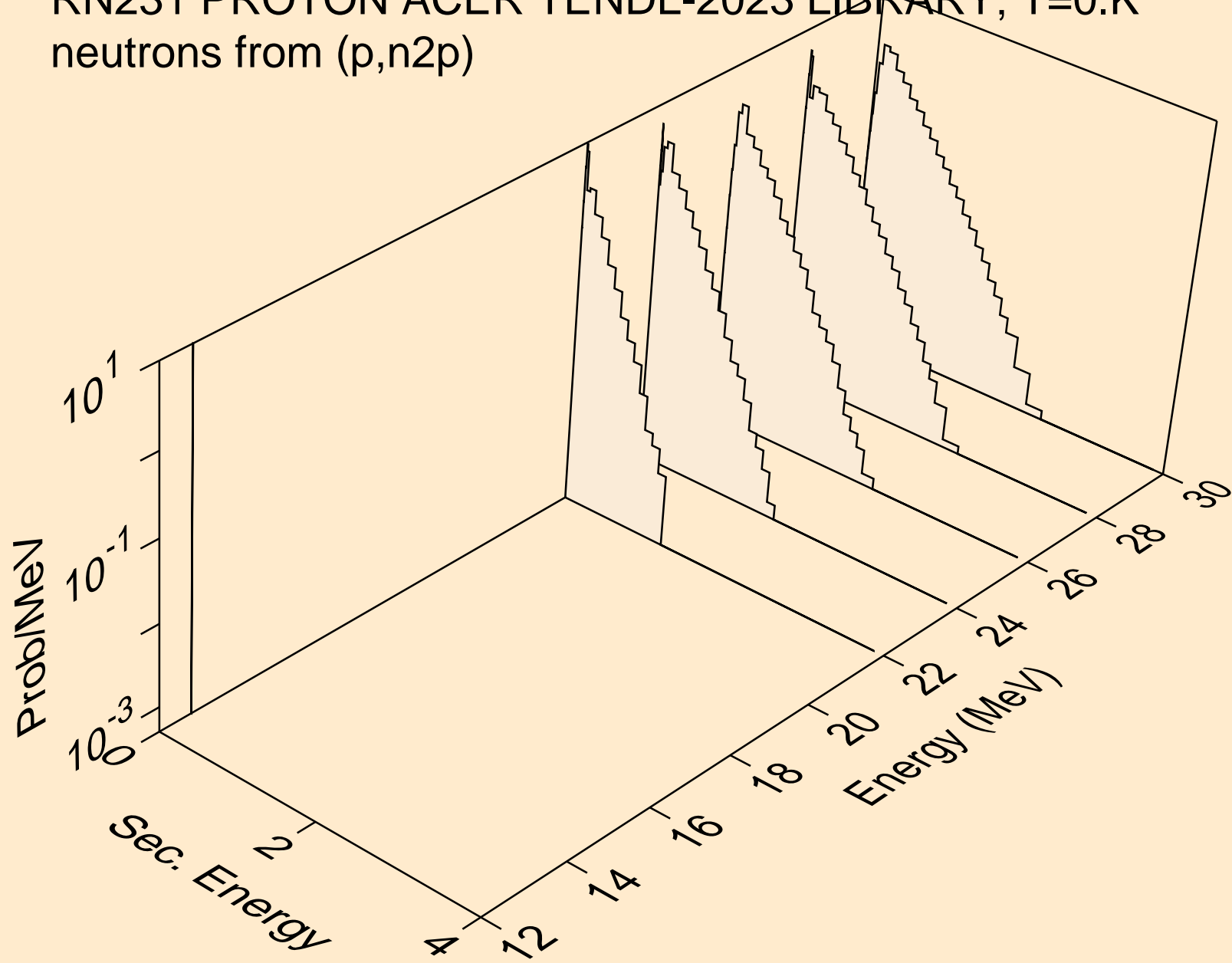
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neutrons from (p,2np)



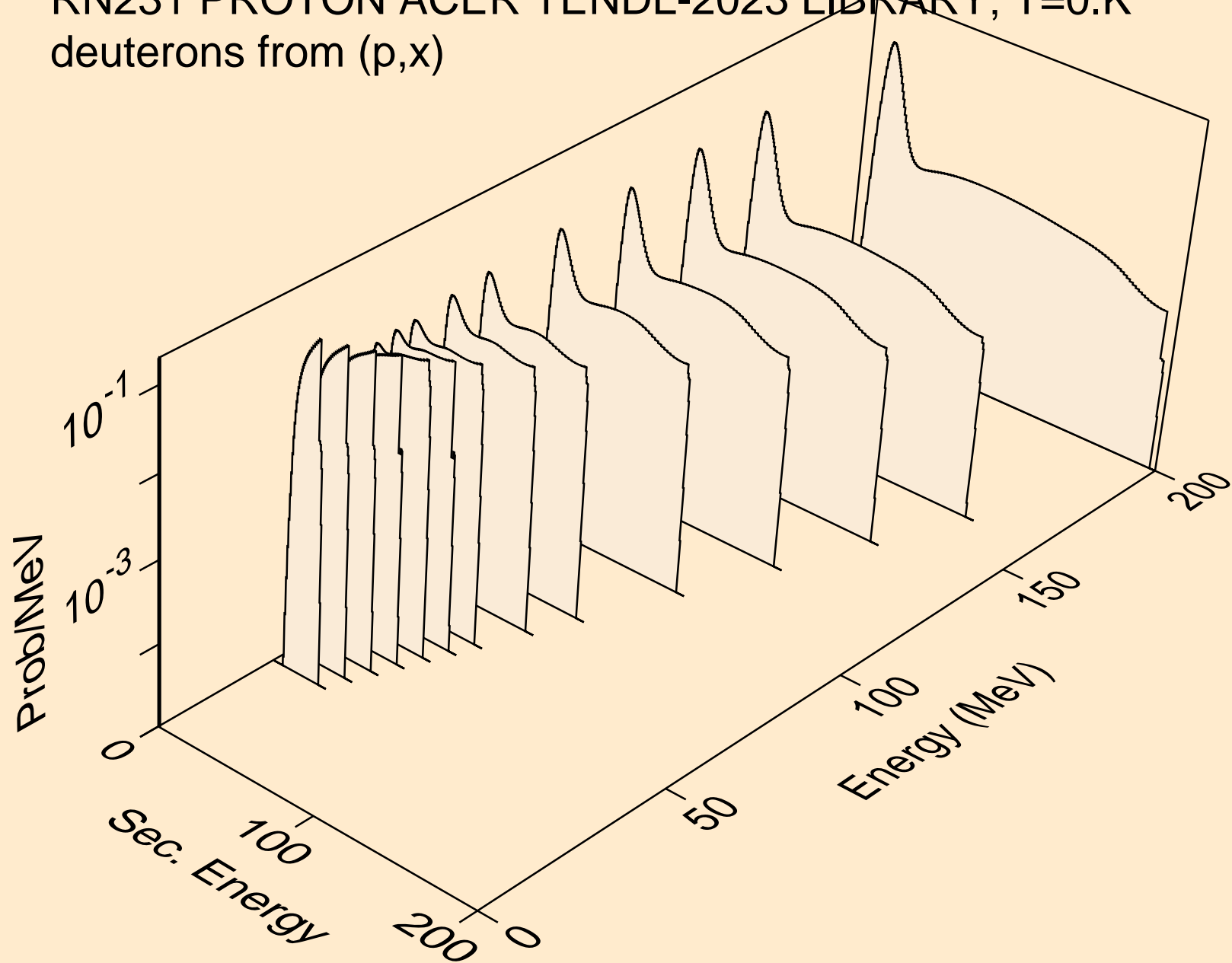
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neutrons from (p,3np)



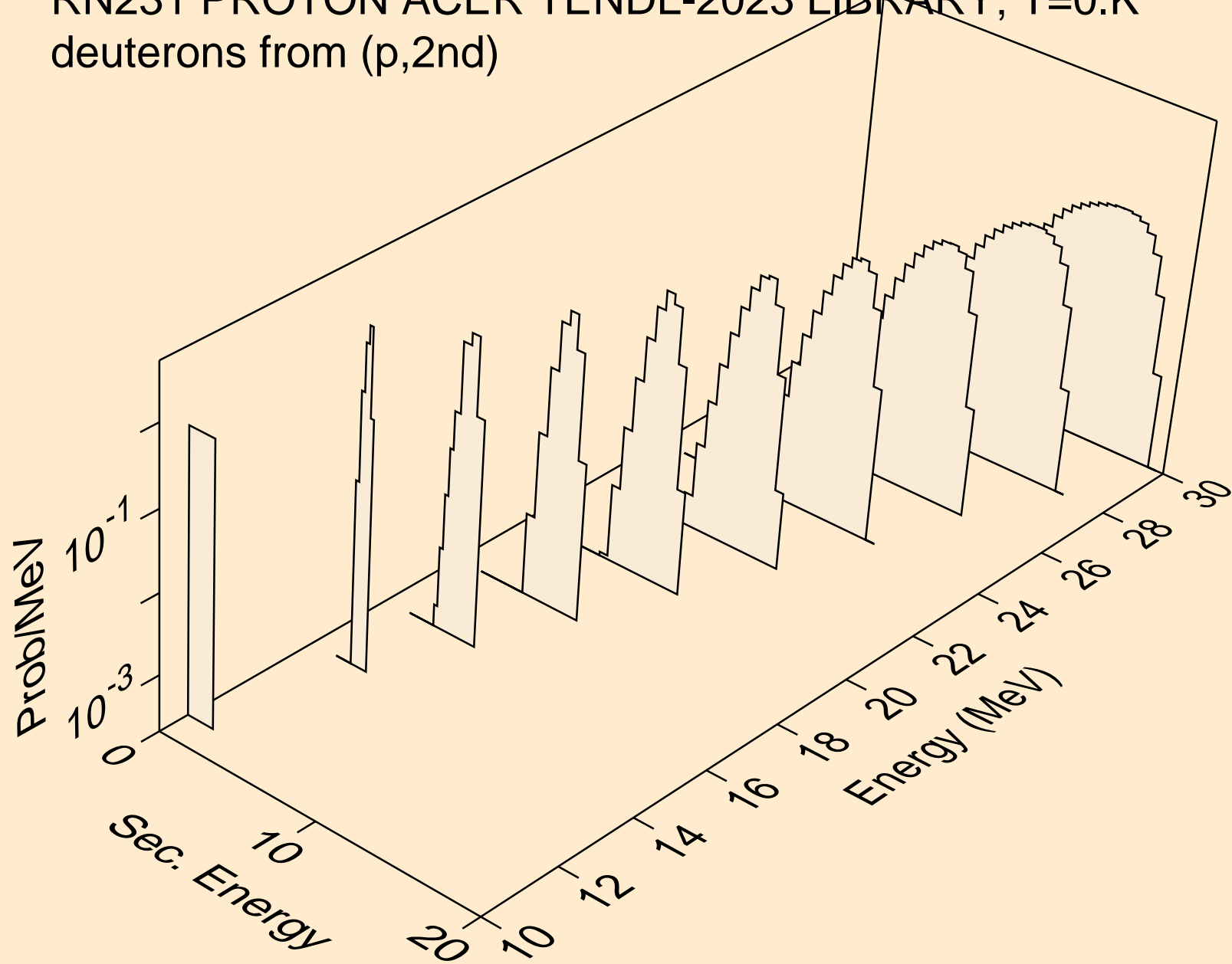
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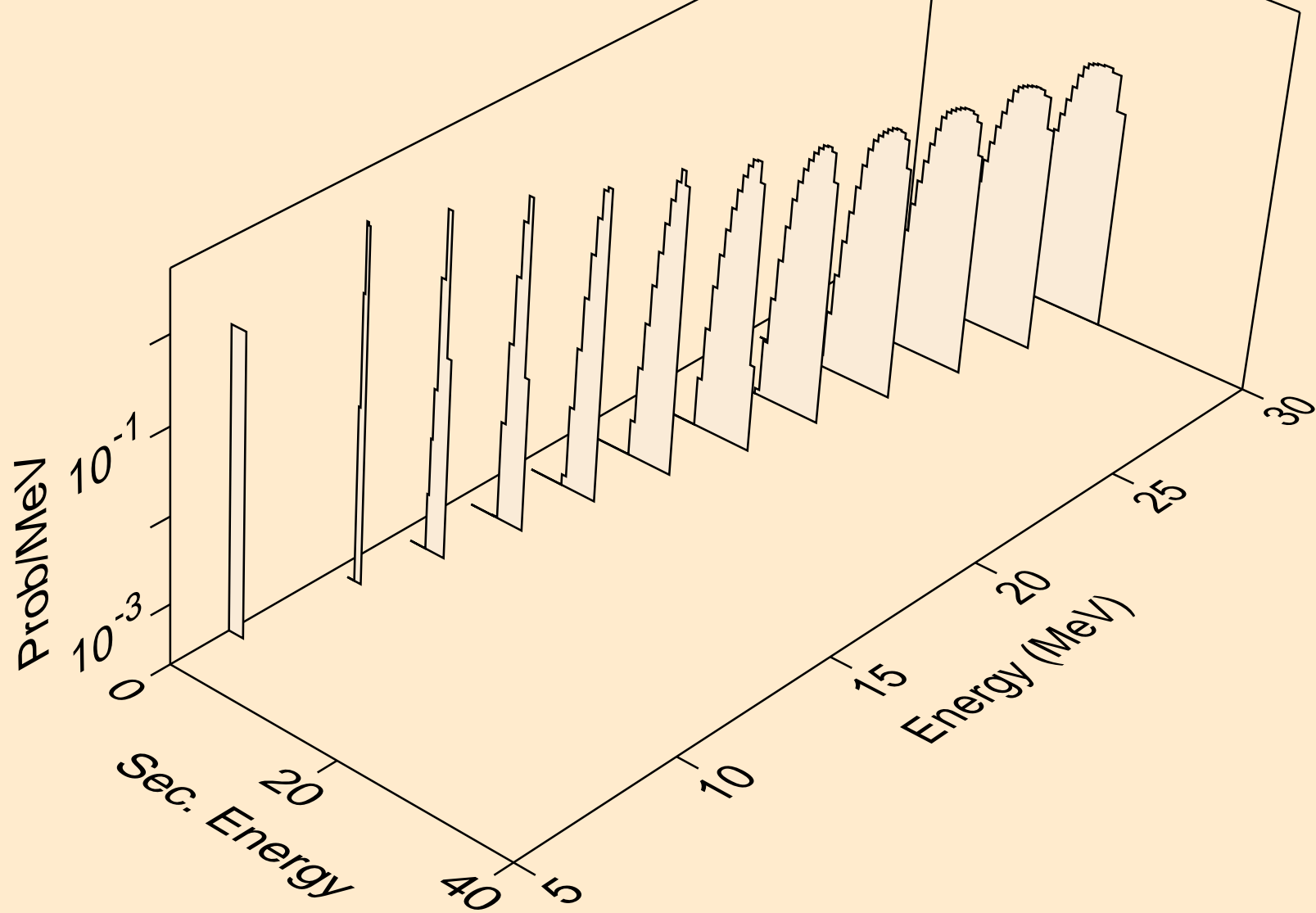
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deuterons from (p,x)



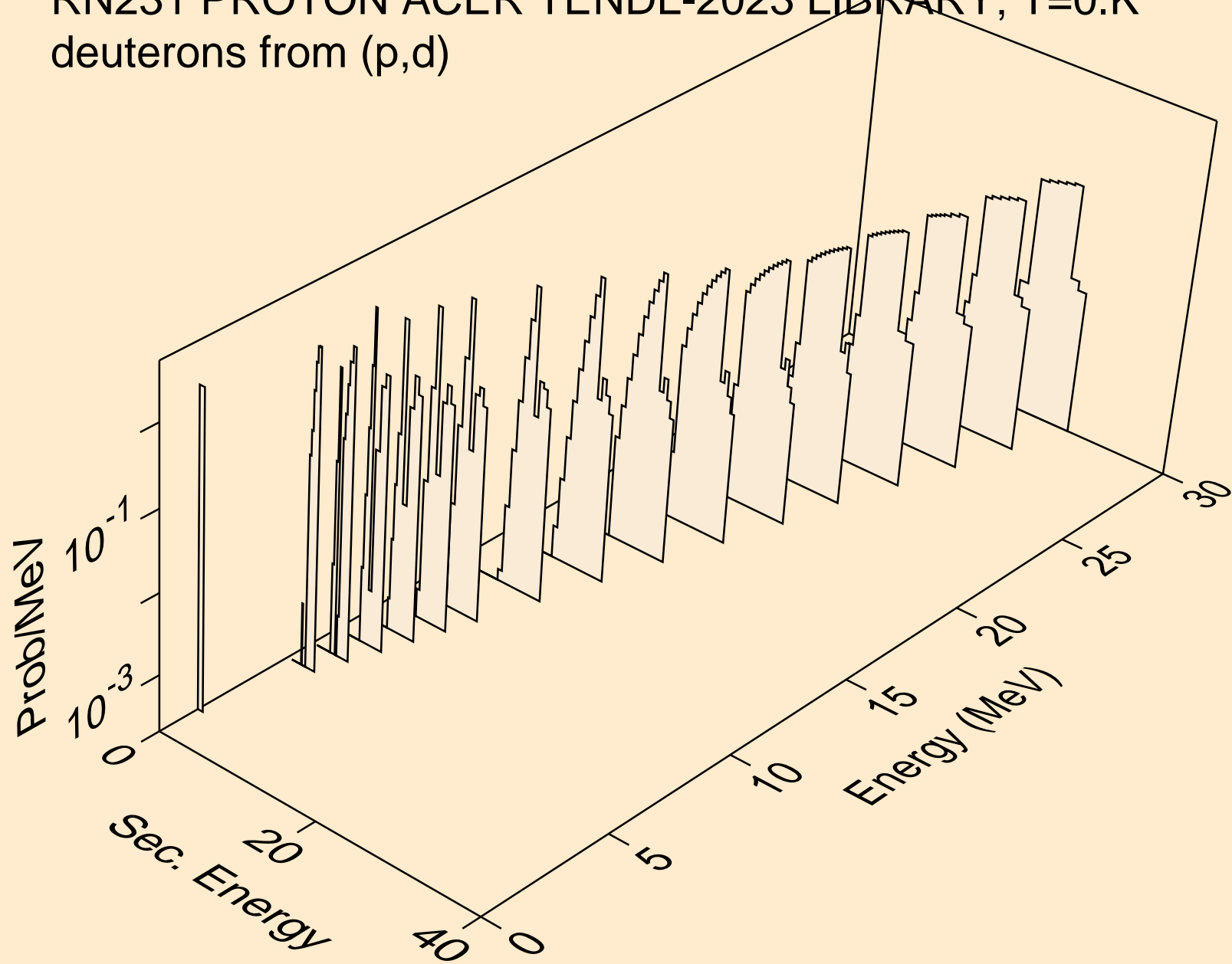
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deuterons from (p,2nd)



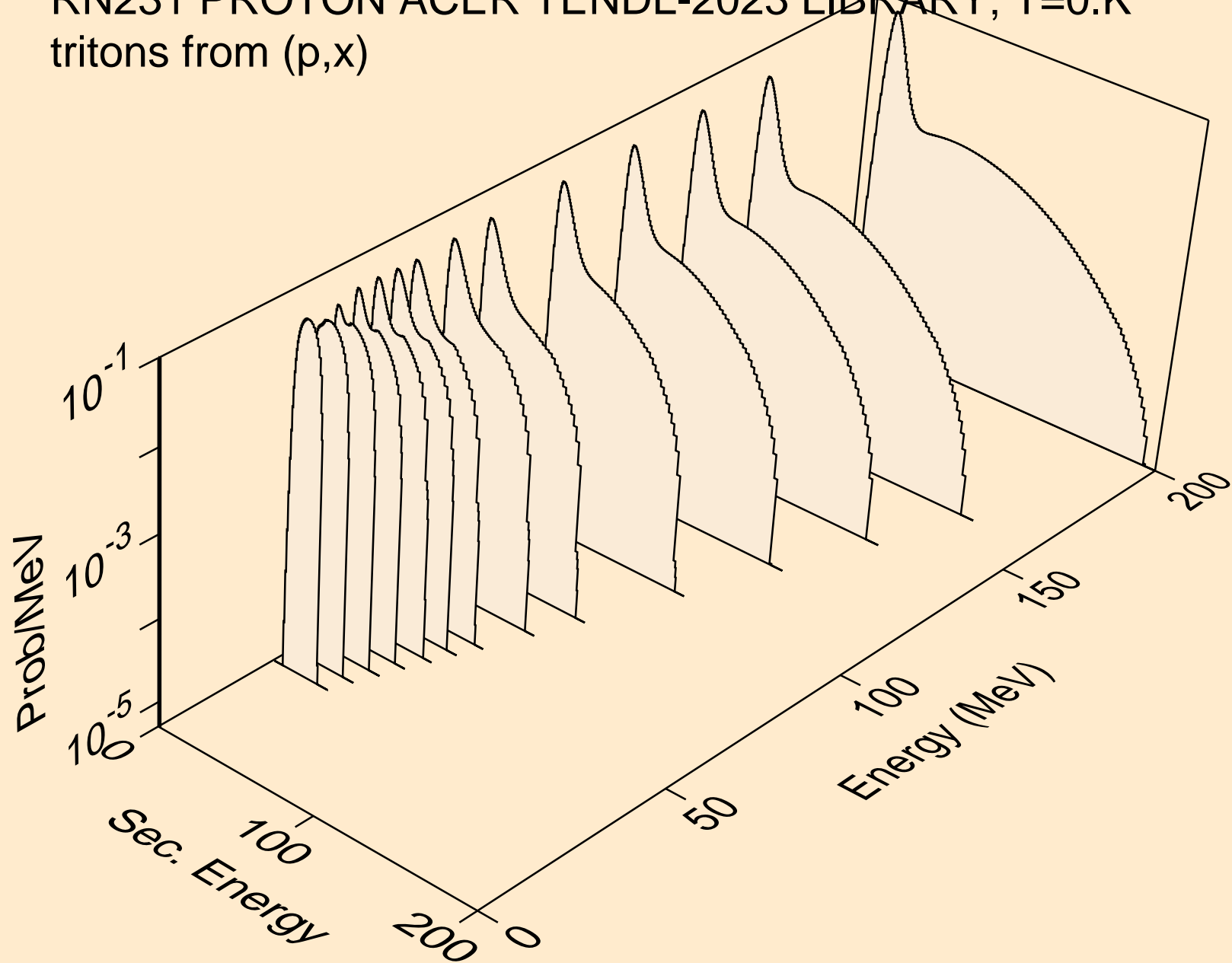
RN231 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,n\*)d



RN231 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,d)

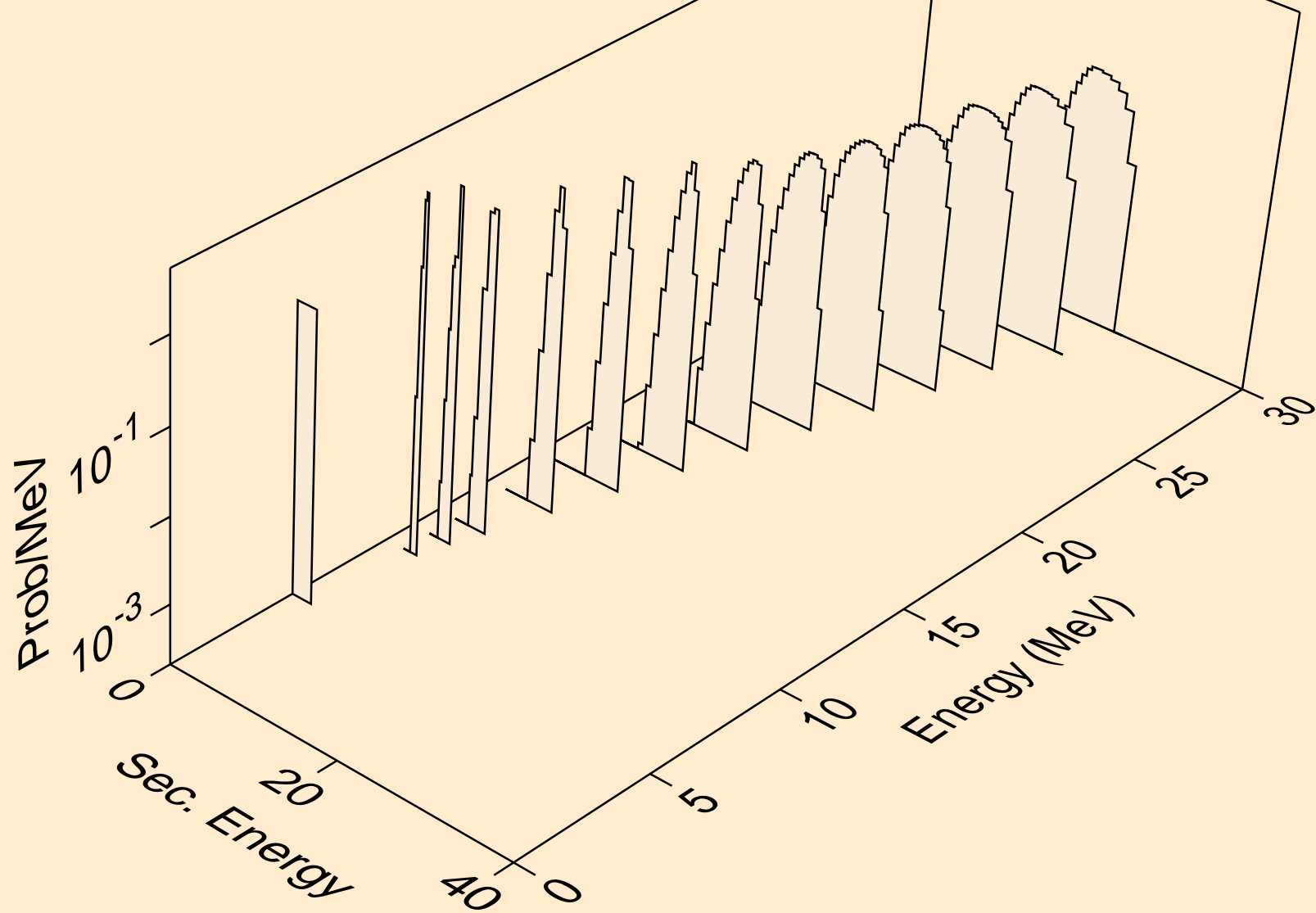


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tritons from (p,x)

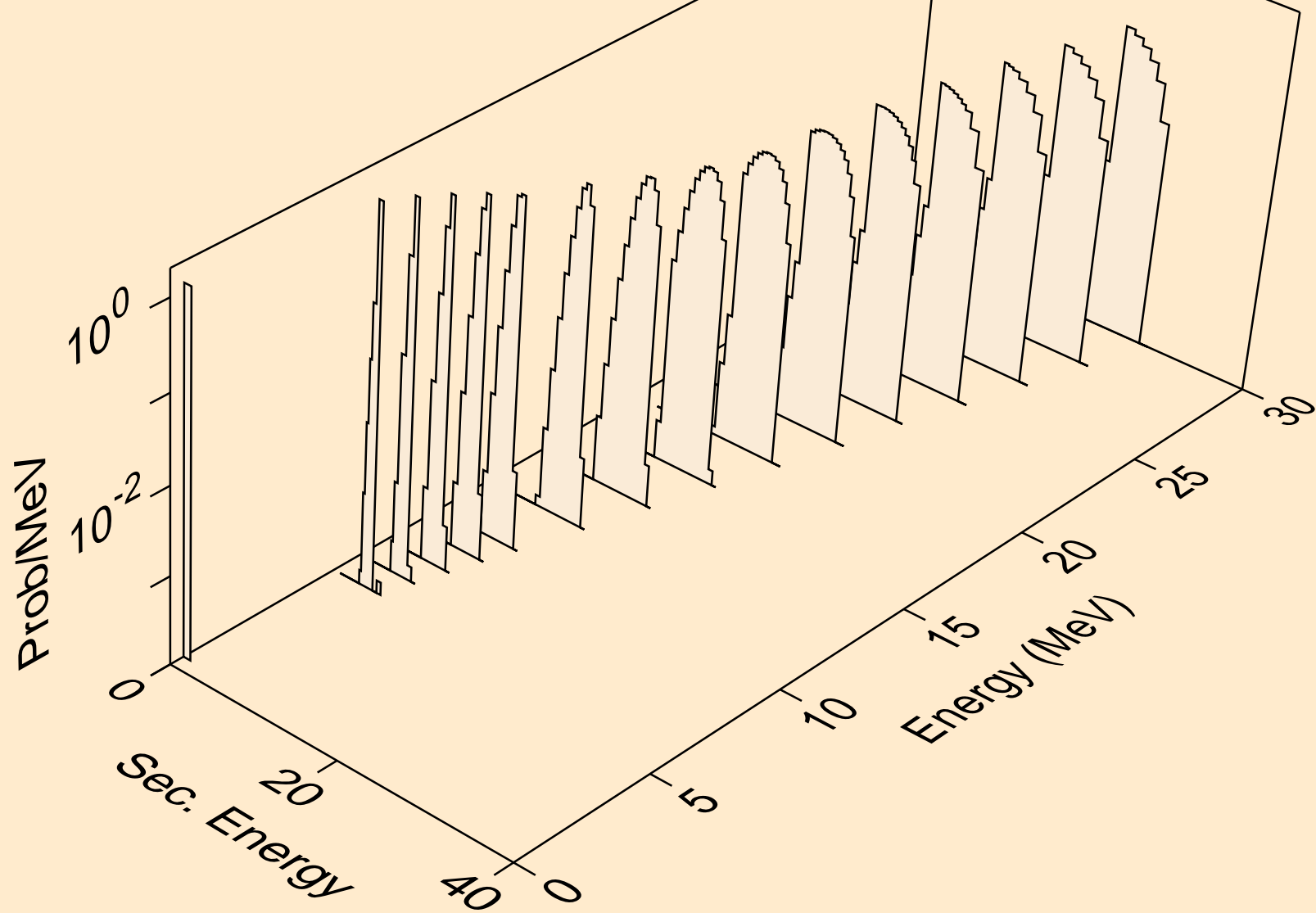




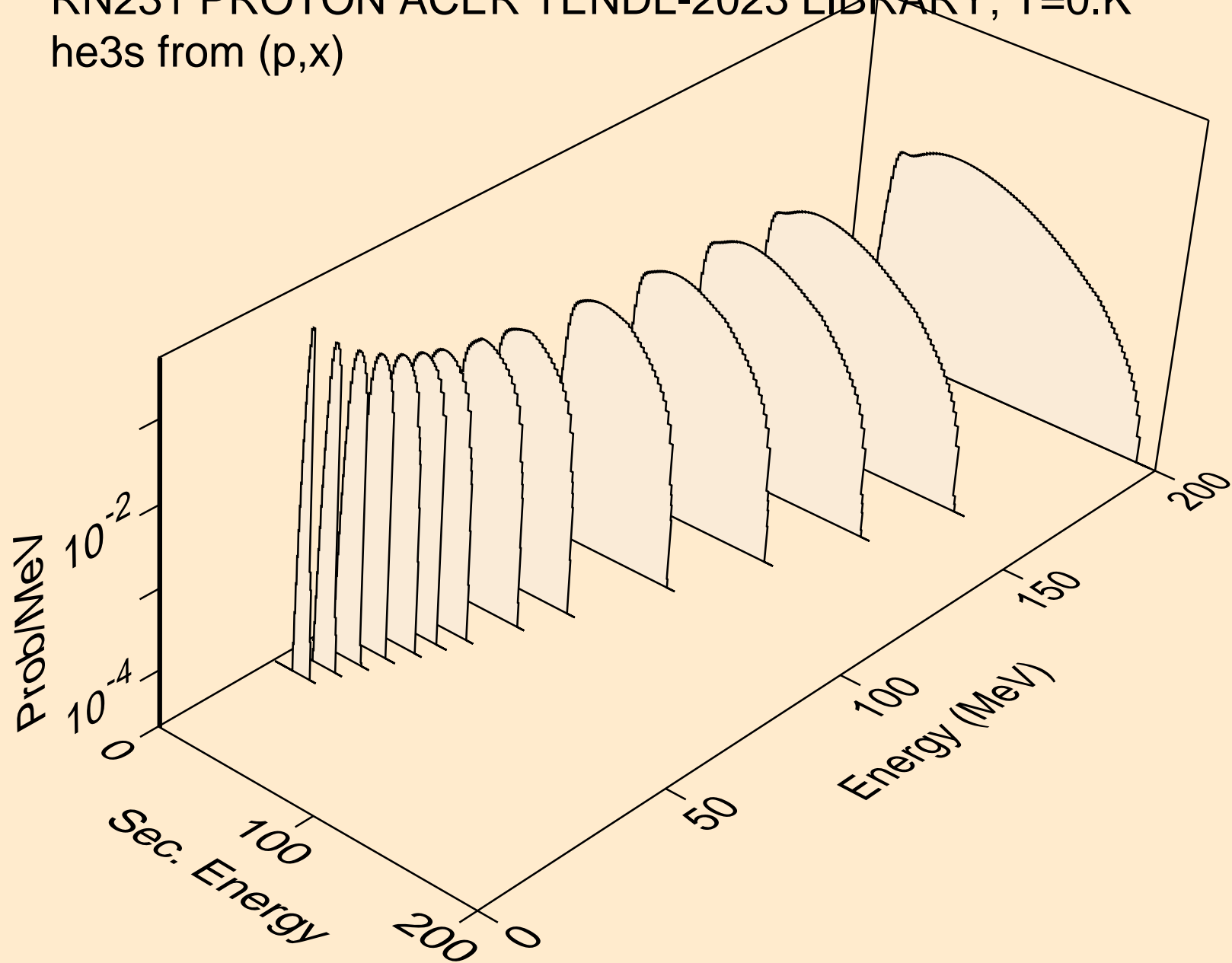
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tritons from (p,n\*)t



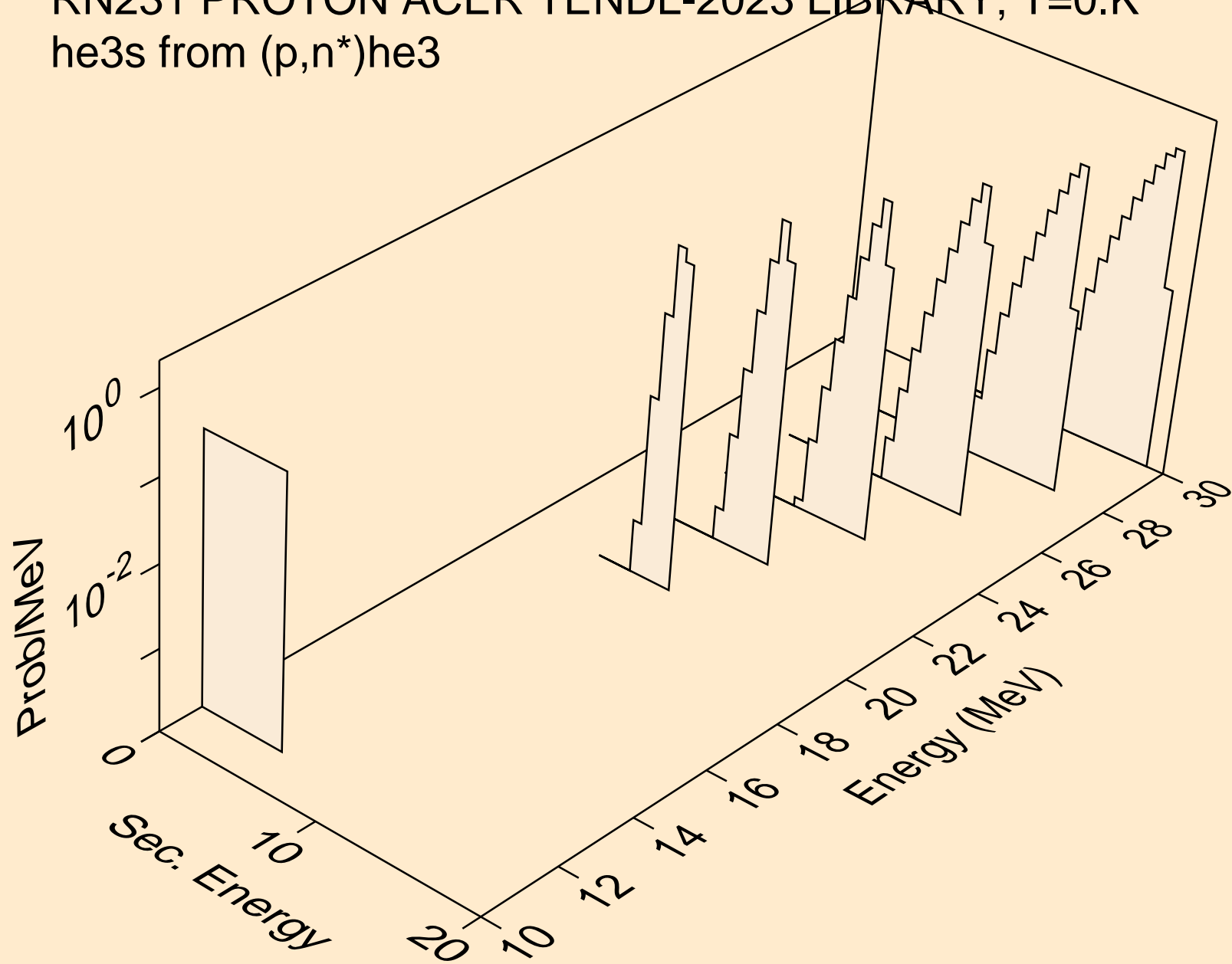
RN231 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,t)



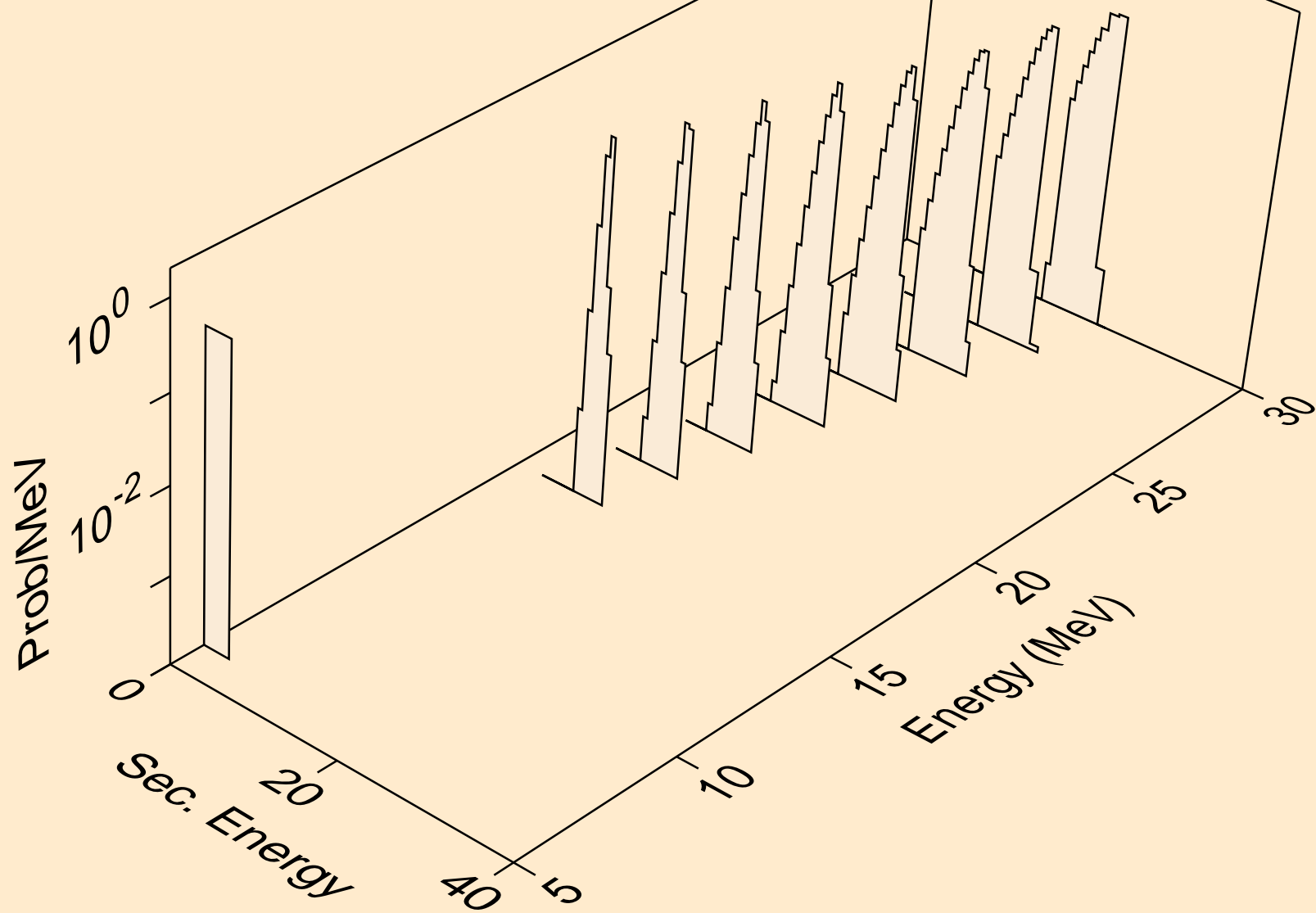
RN231 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)



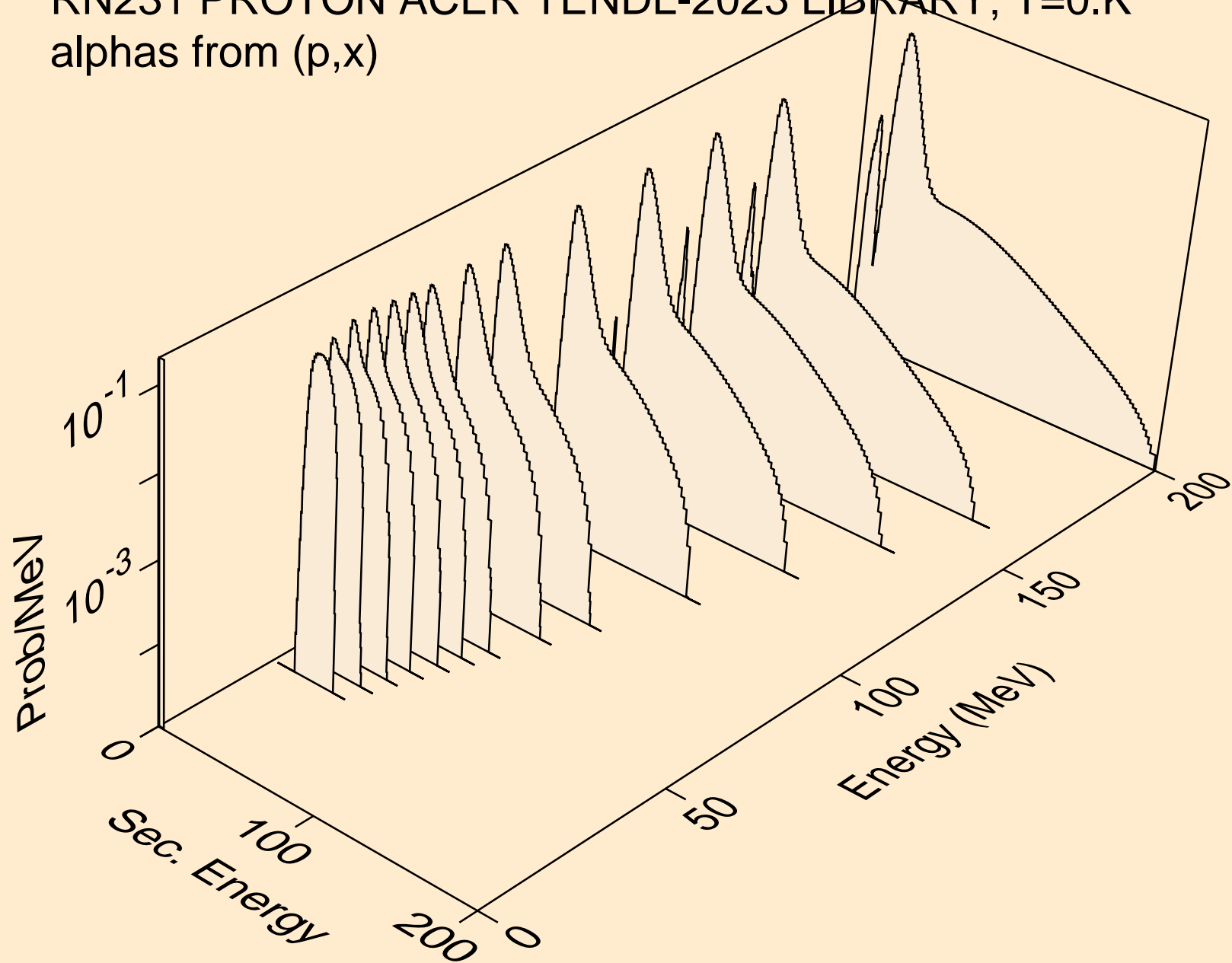
RN231 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3



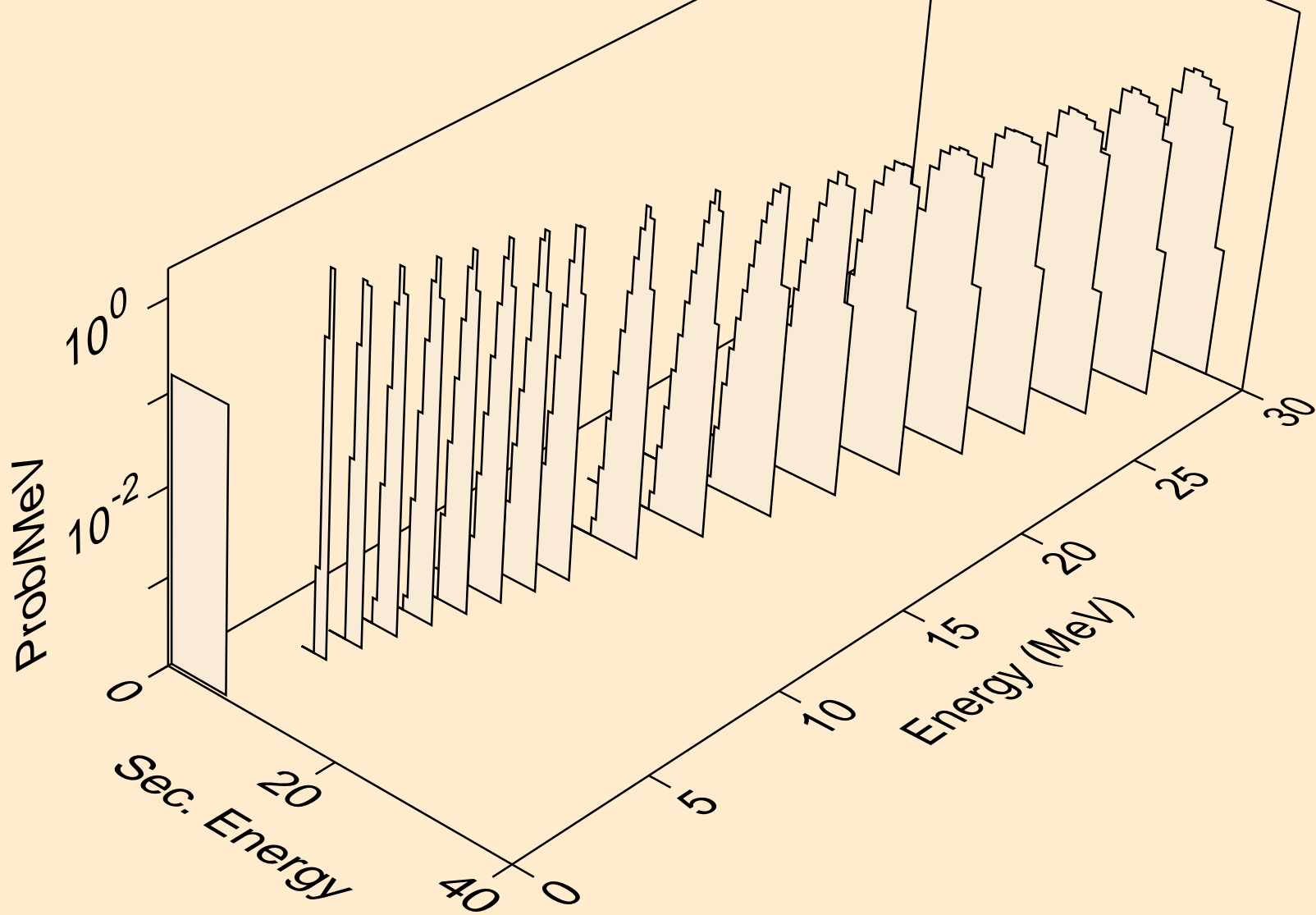
RN231 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,he3)



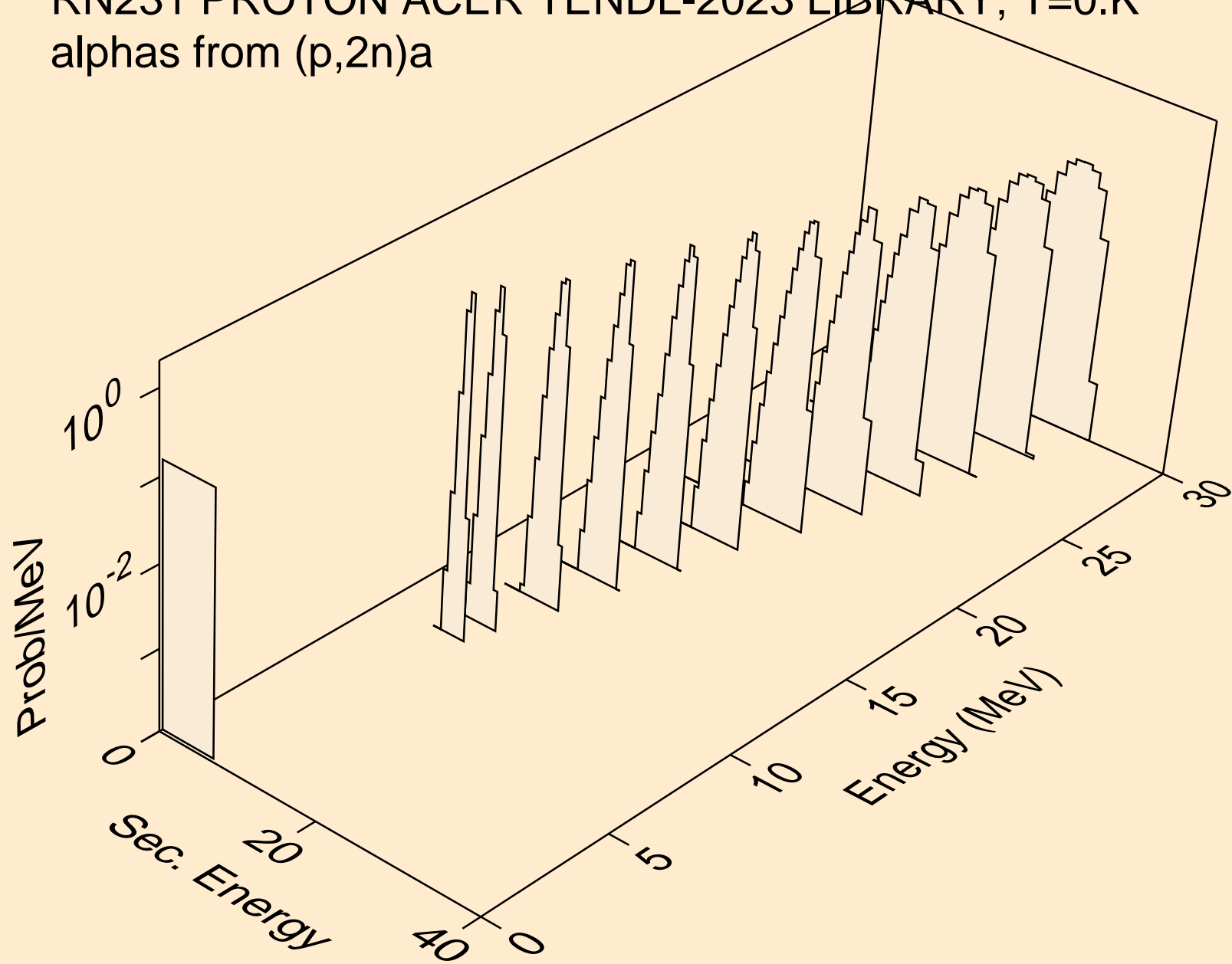
RN231 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



RN231 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a

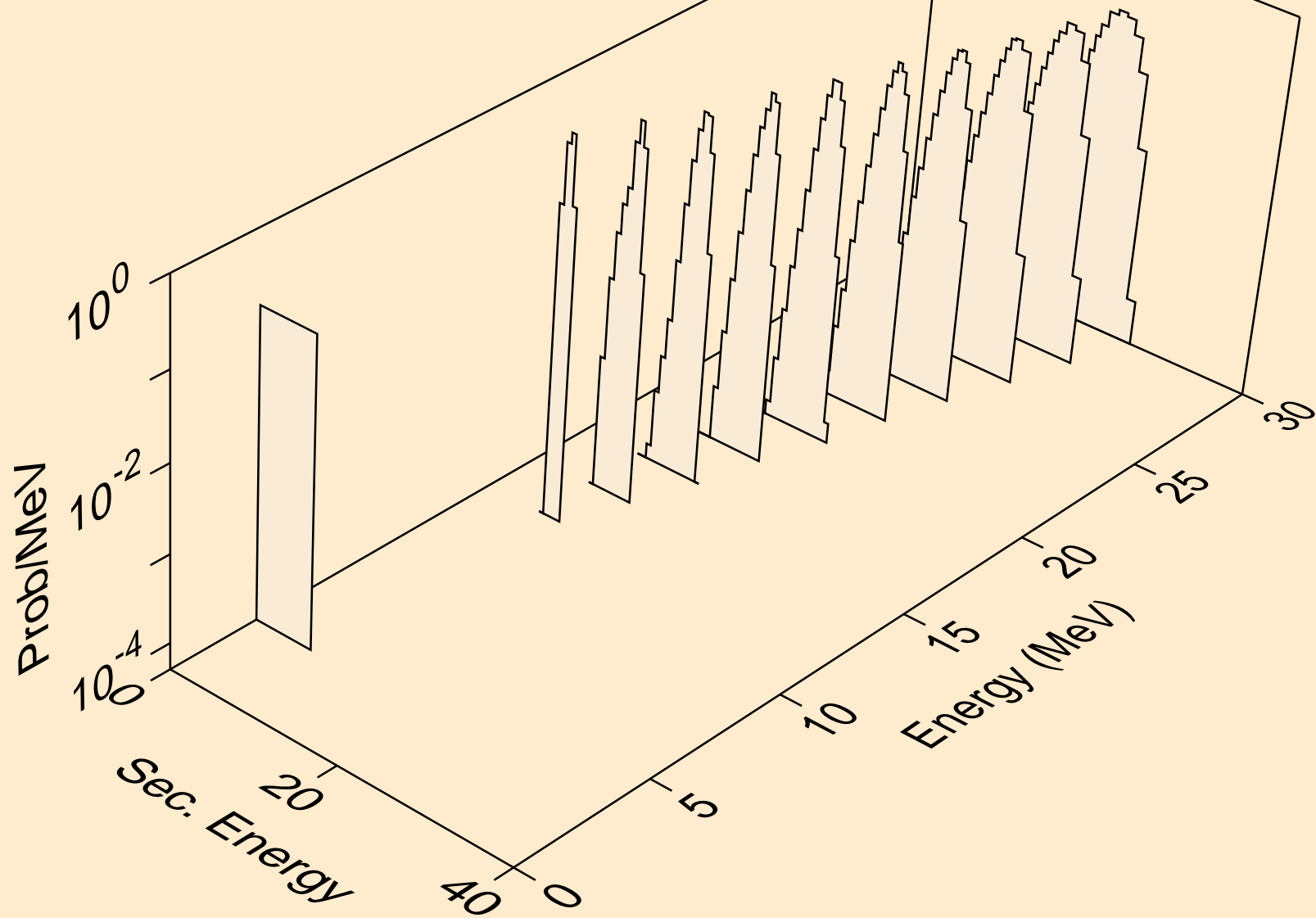


RN231 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a





RN231 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,3n)a



RN231 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)

