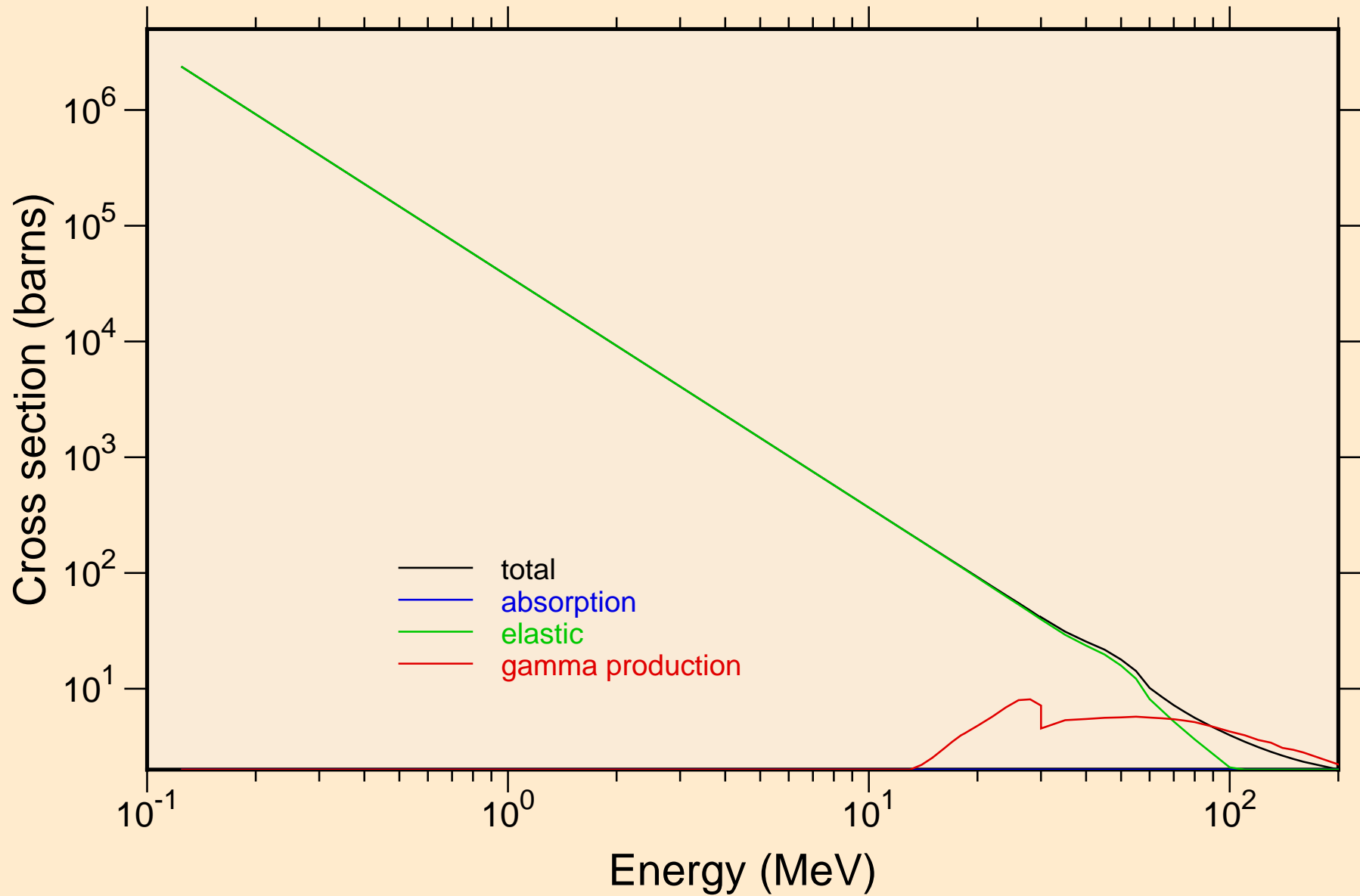
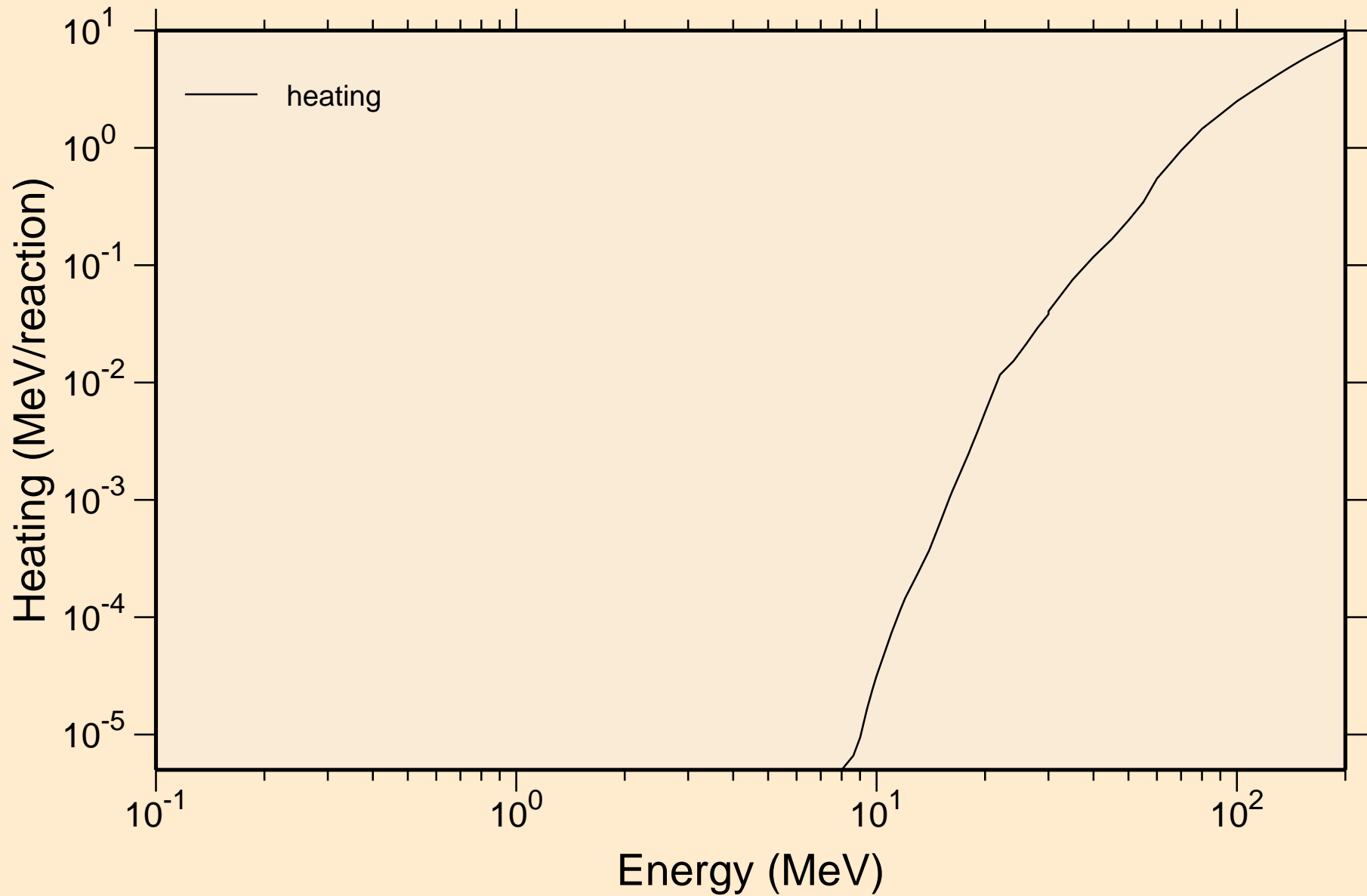


IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



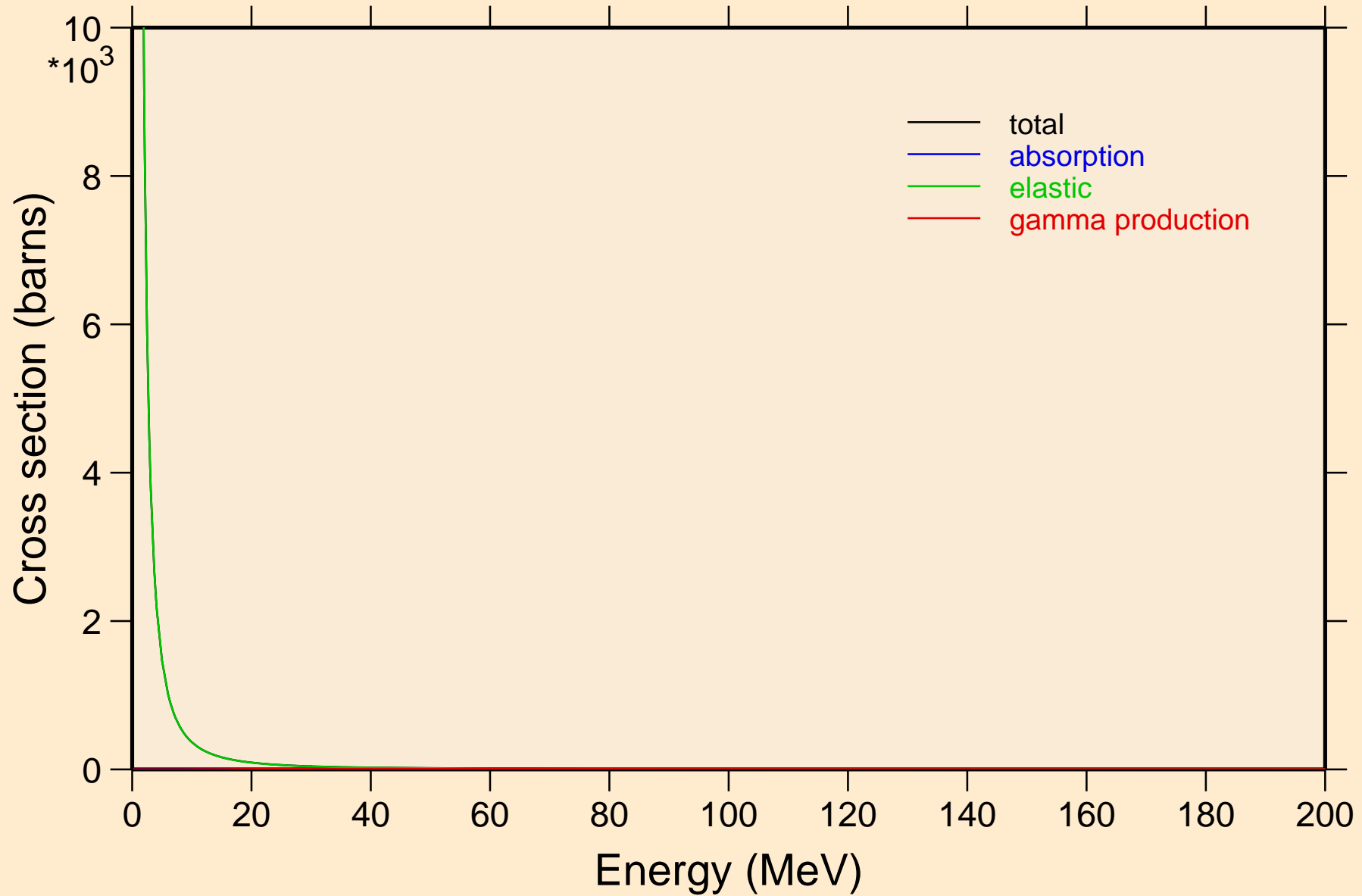
# IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



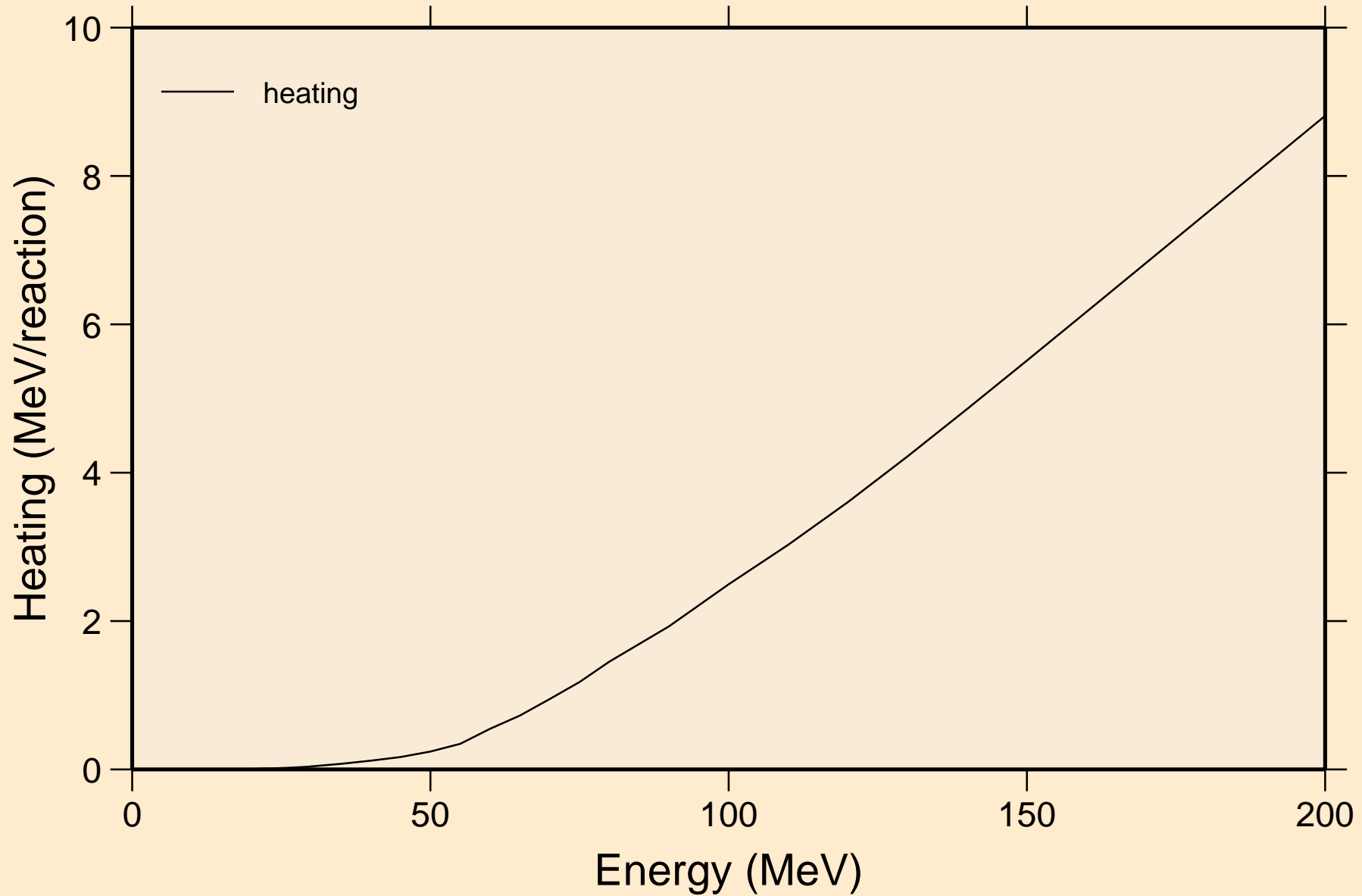
# IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

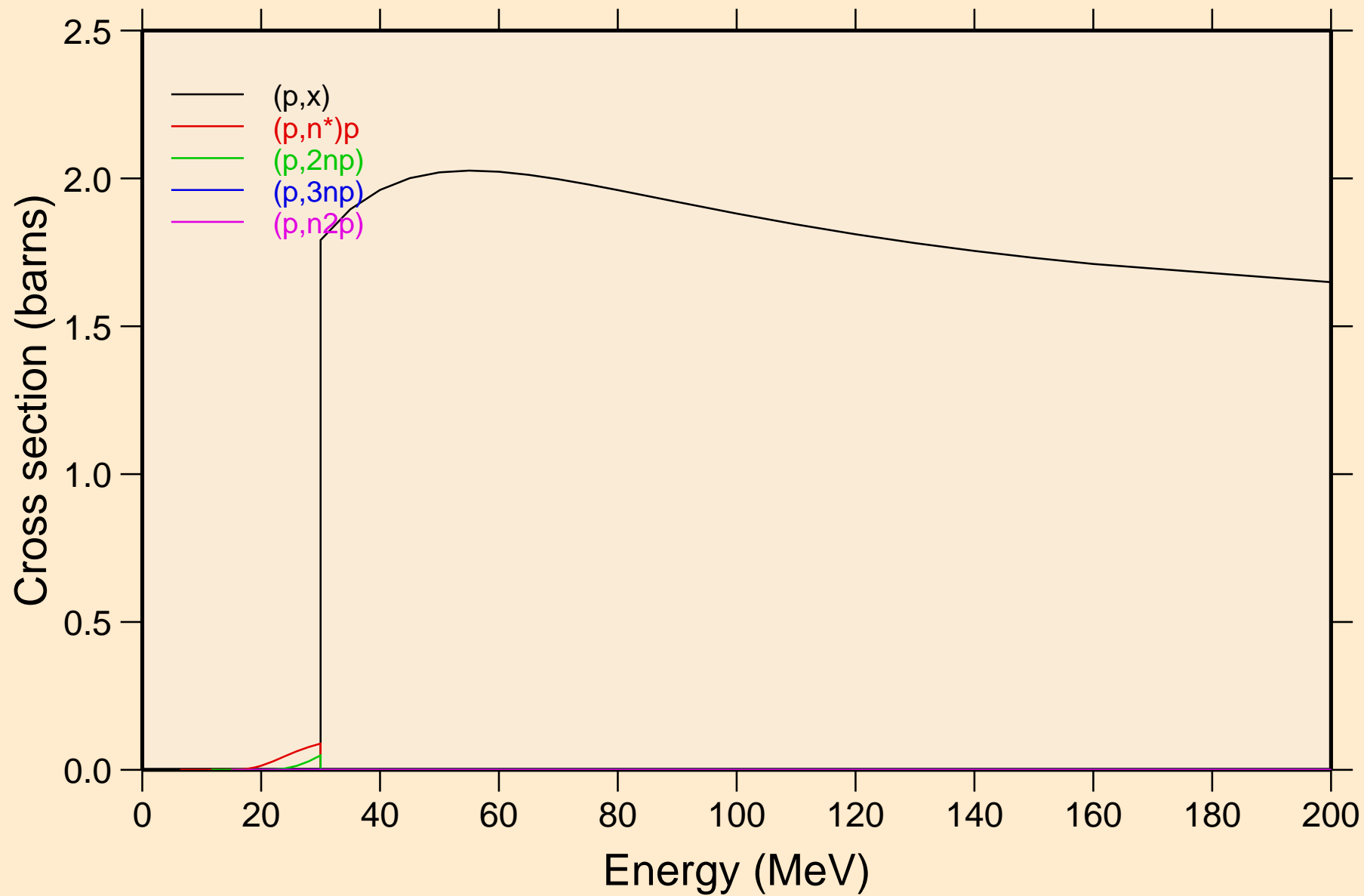


IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Heating

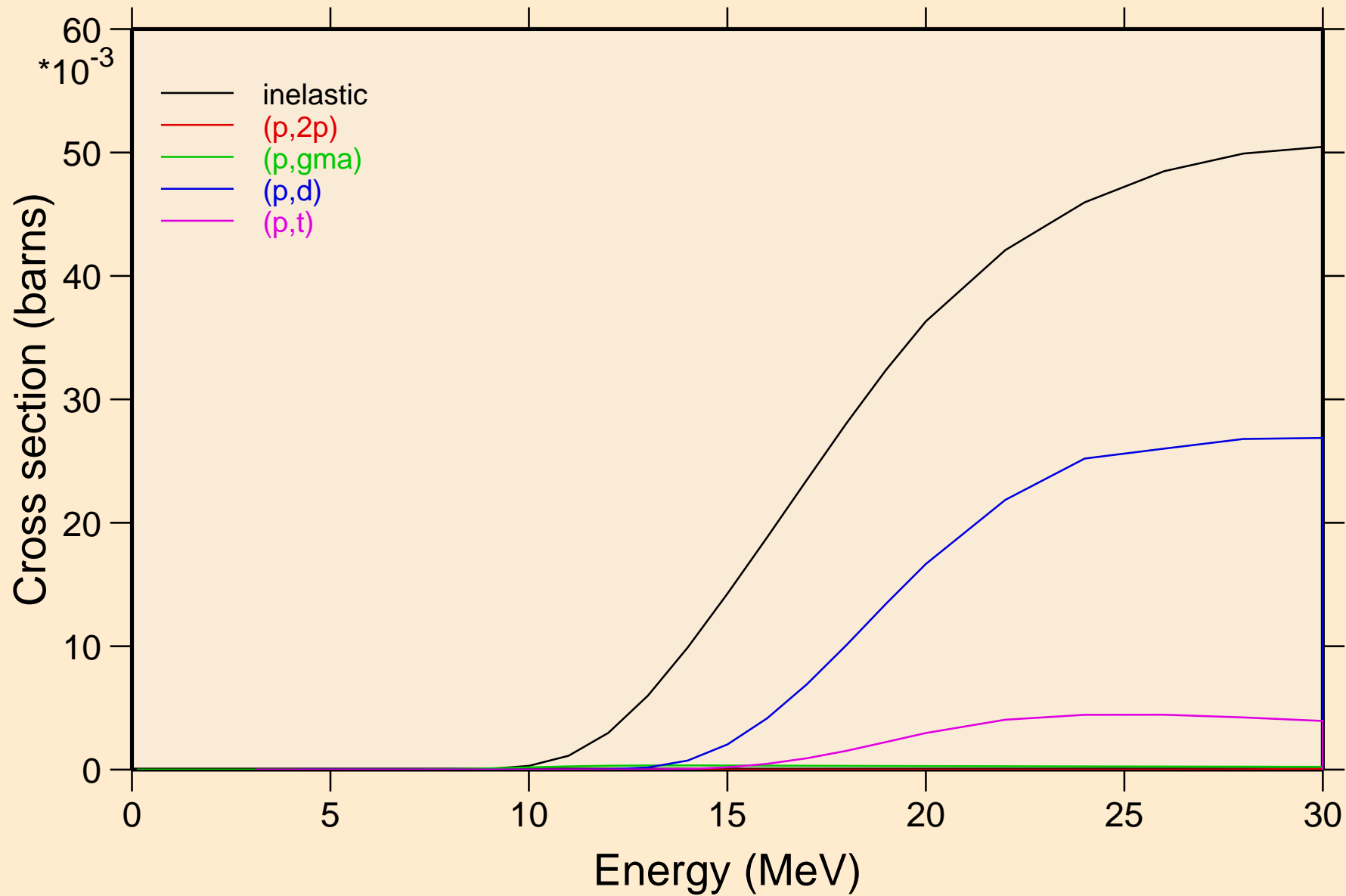


IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

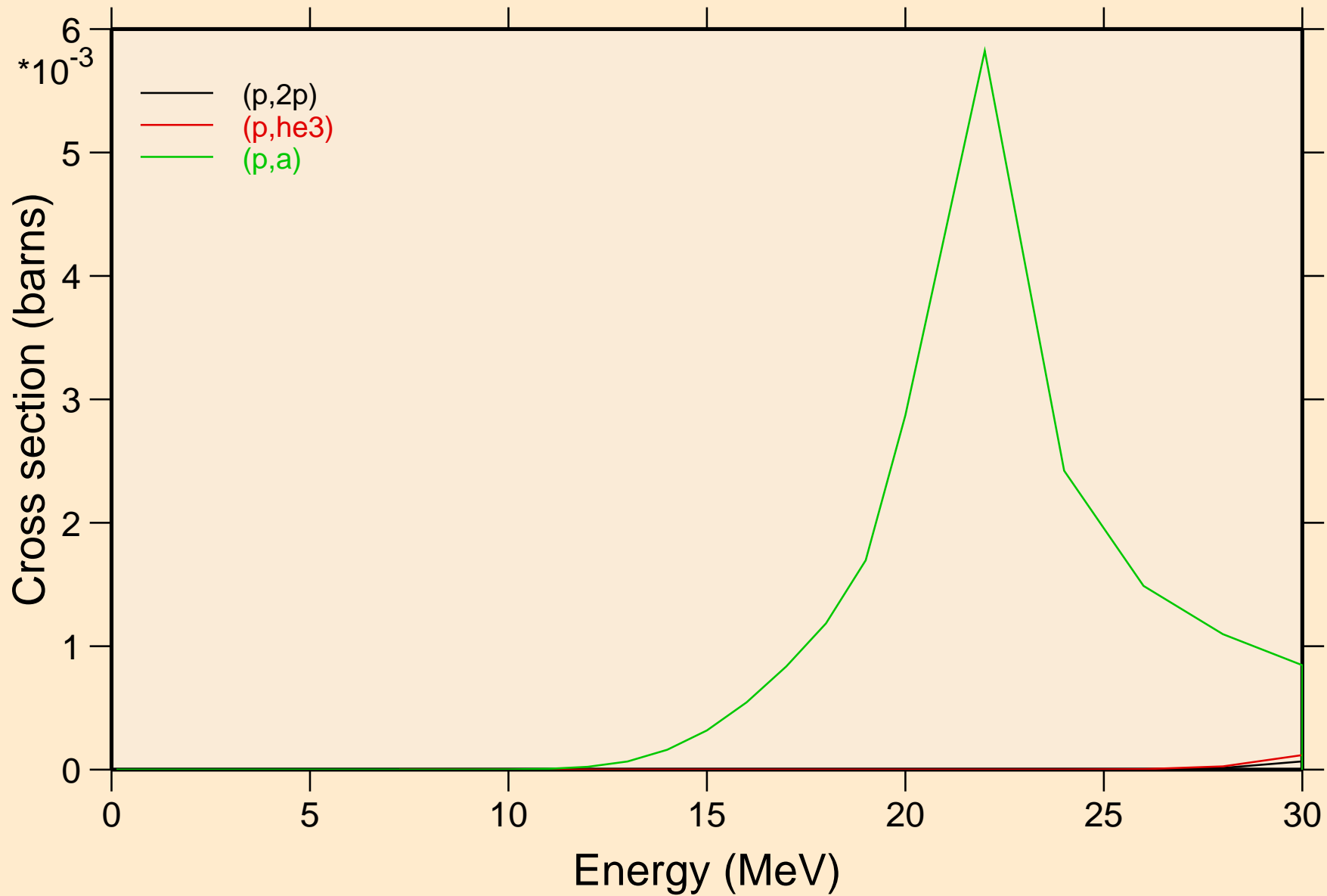


# IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K

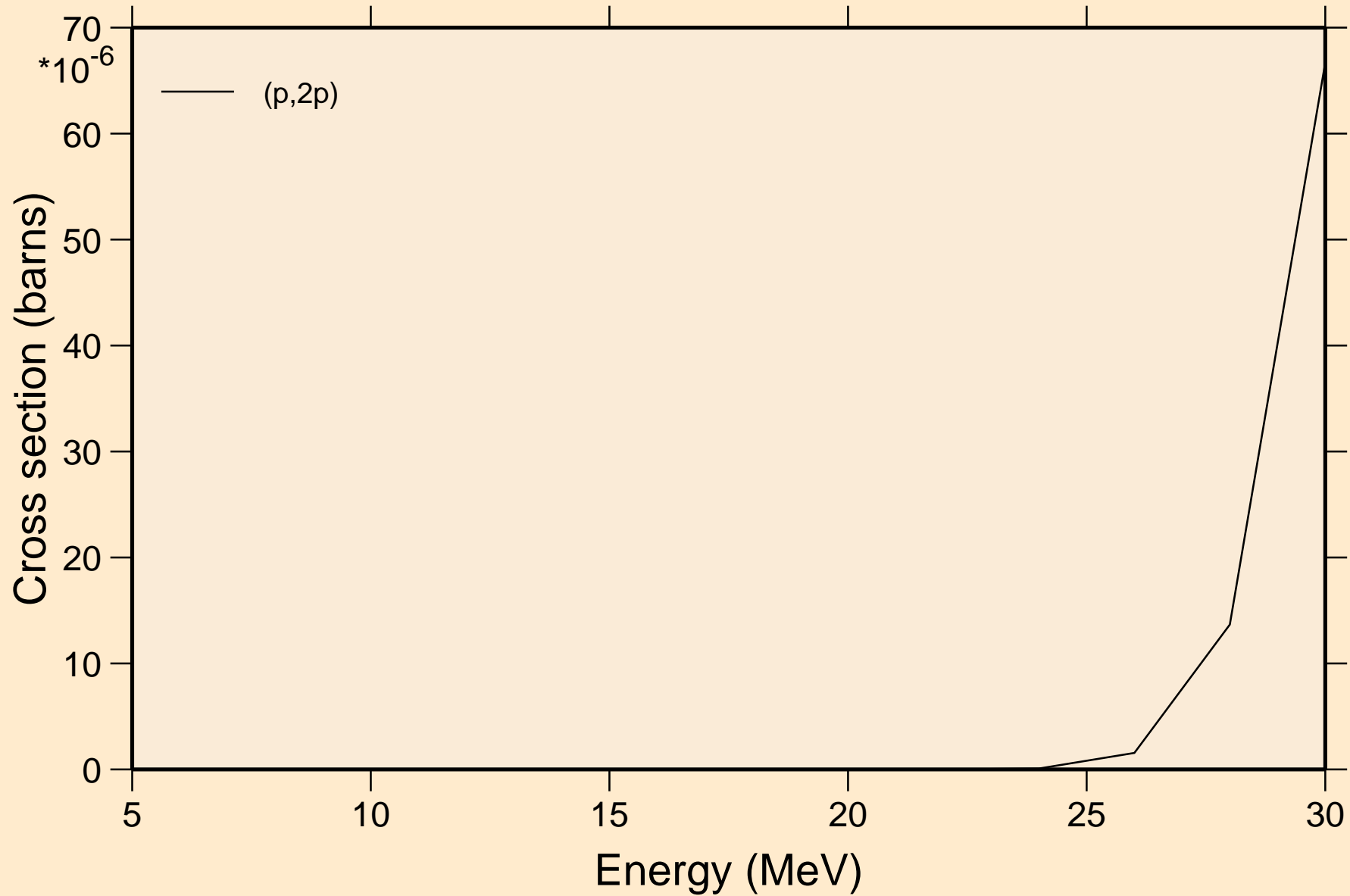
## Threshold reactions



IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

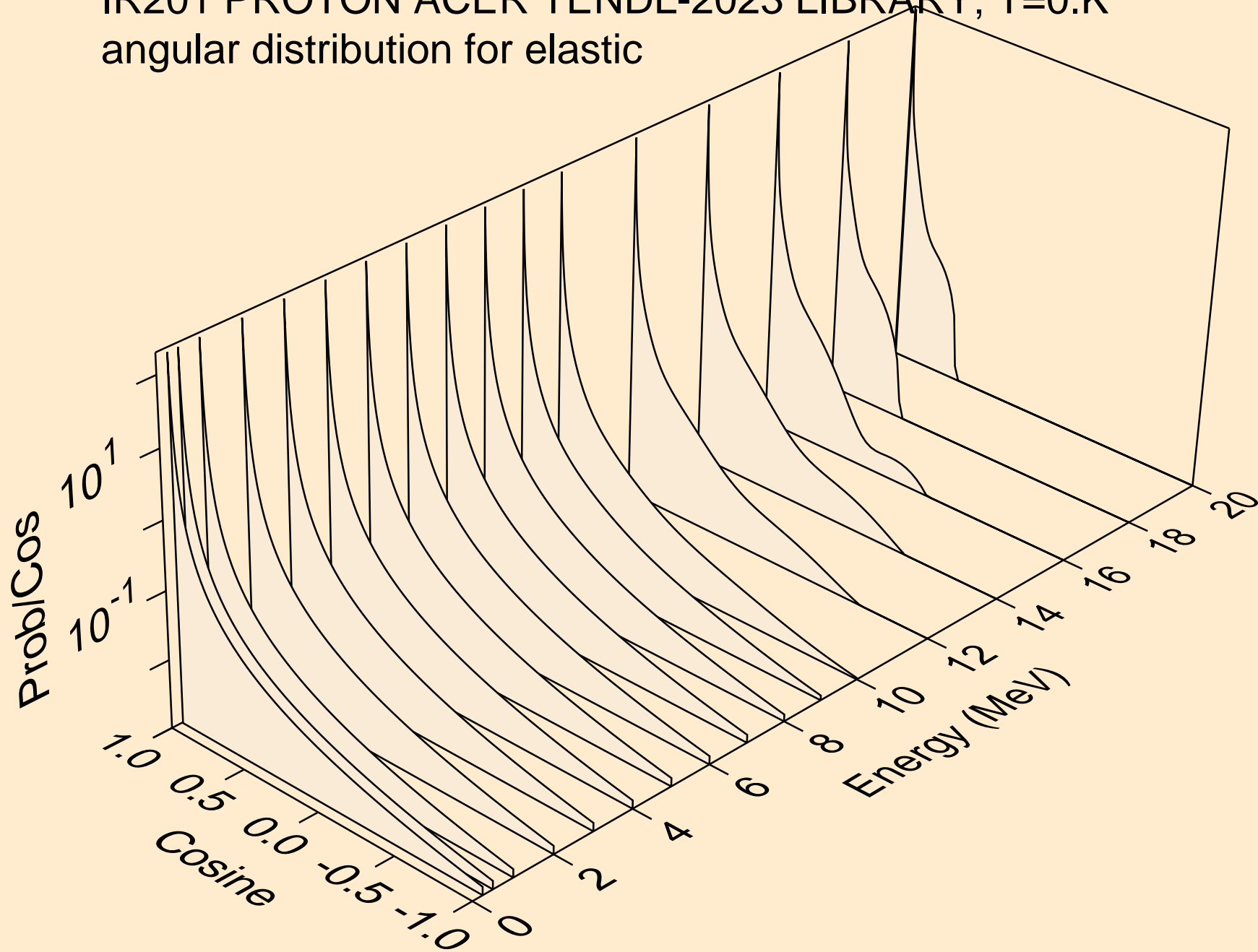


IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

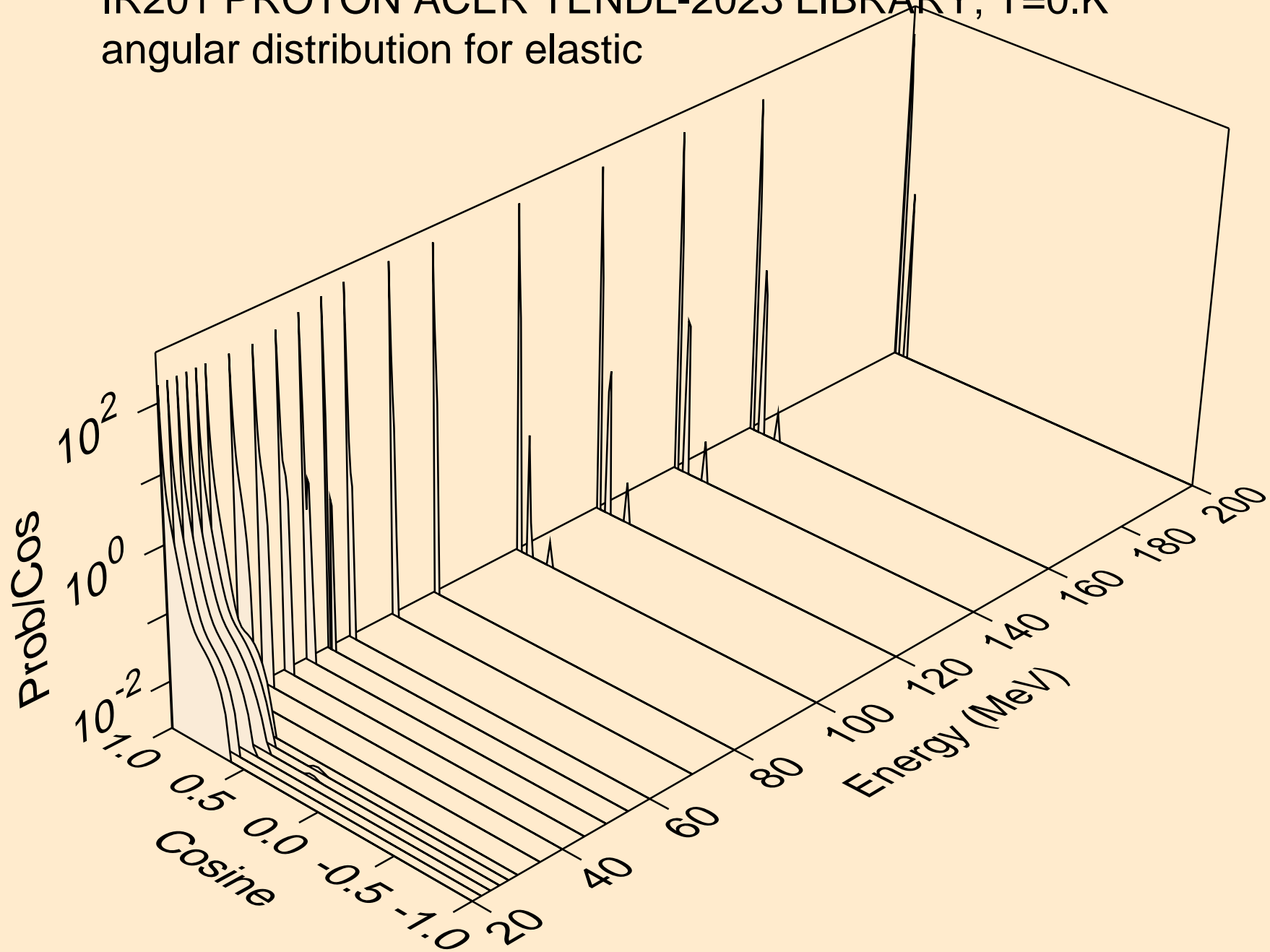




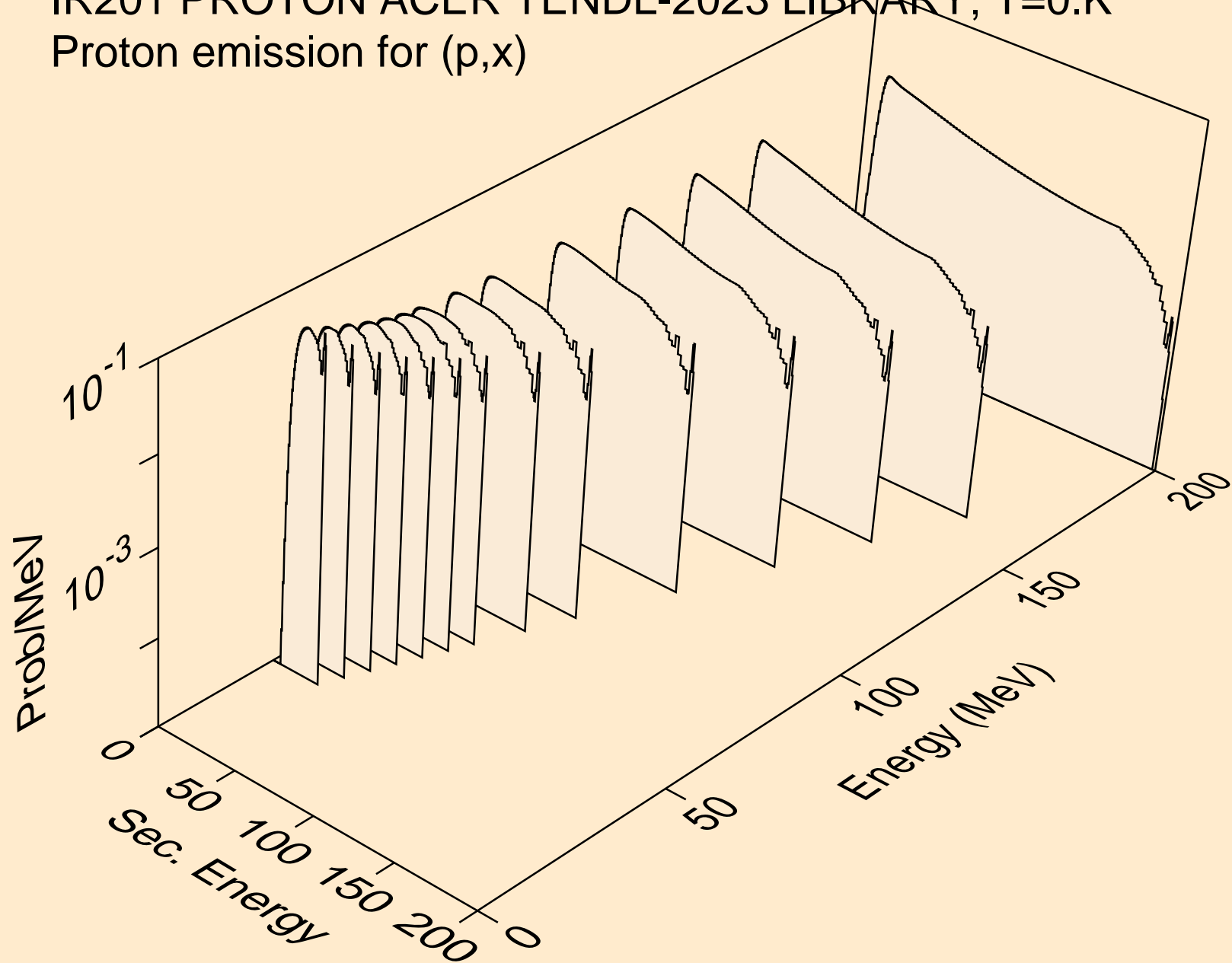
IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



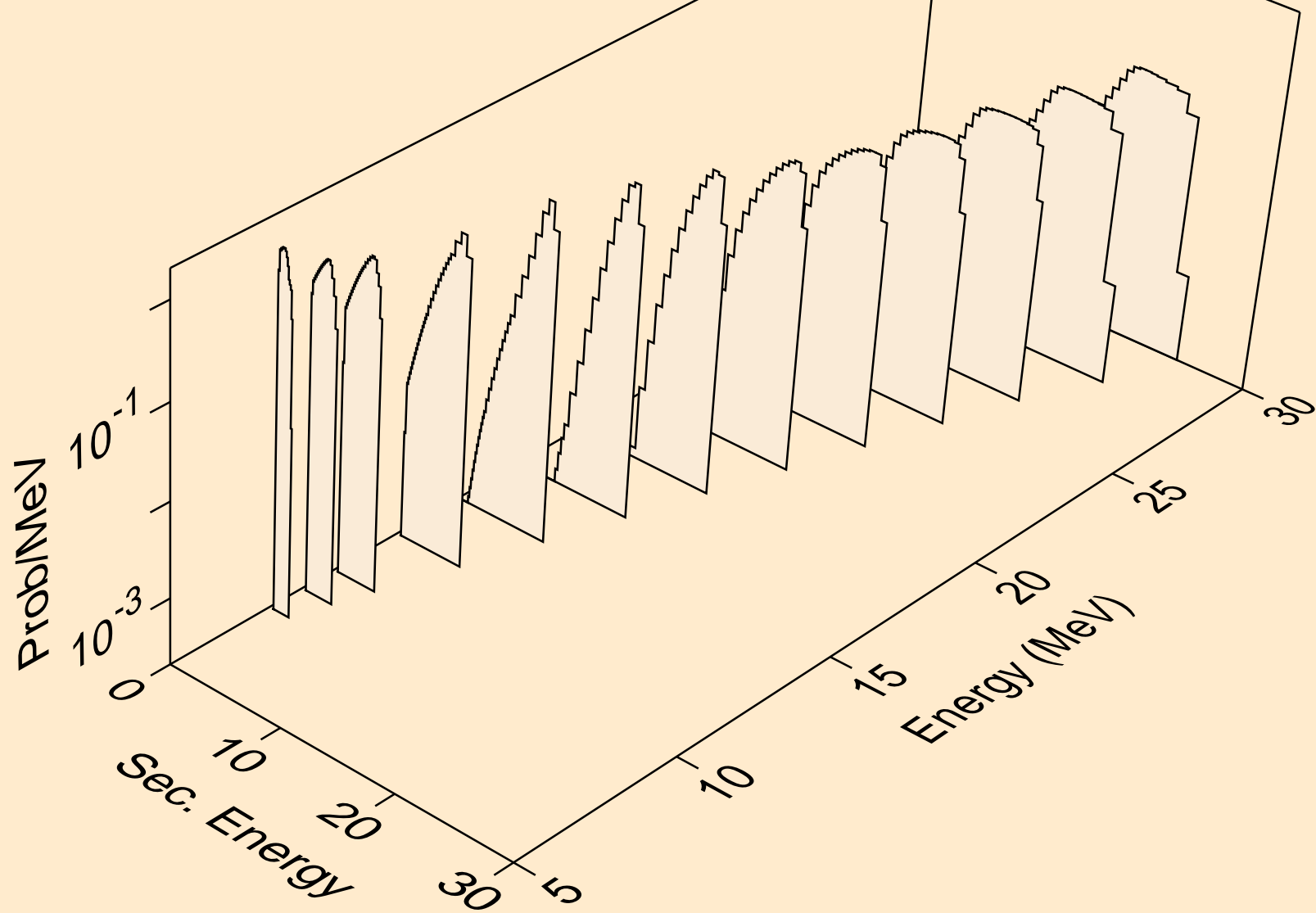
IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



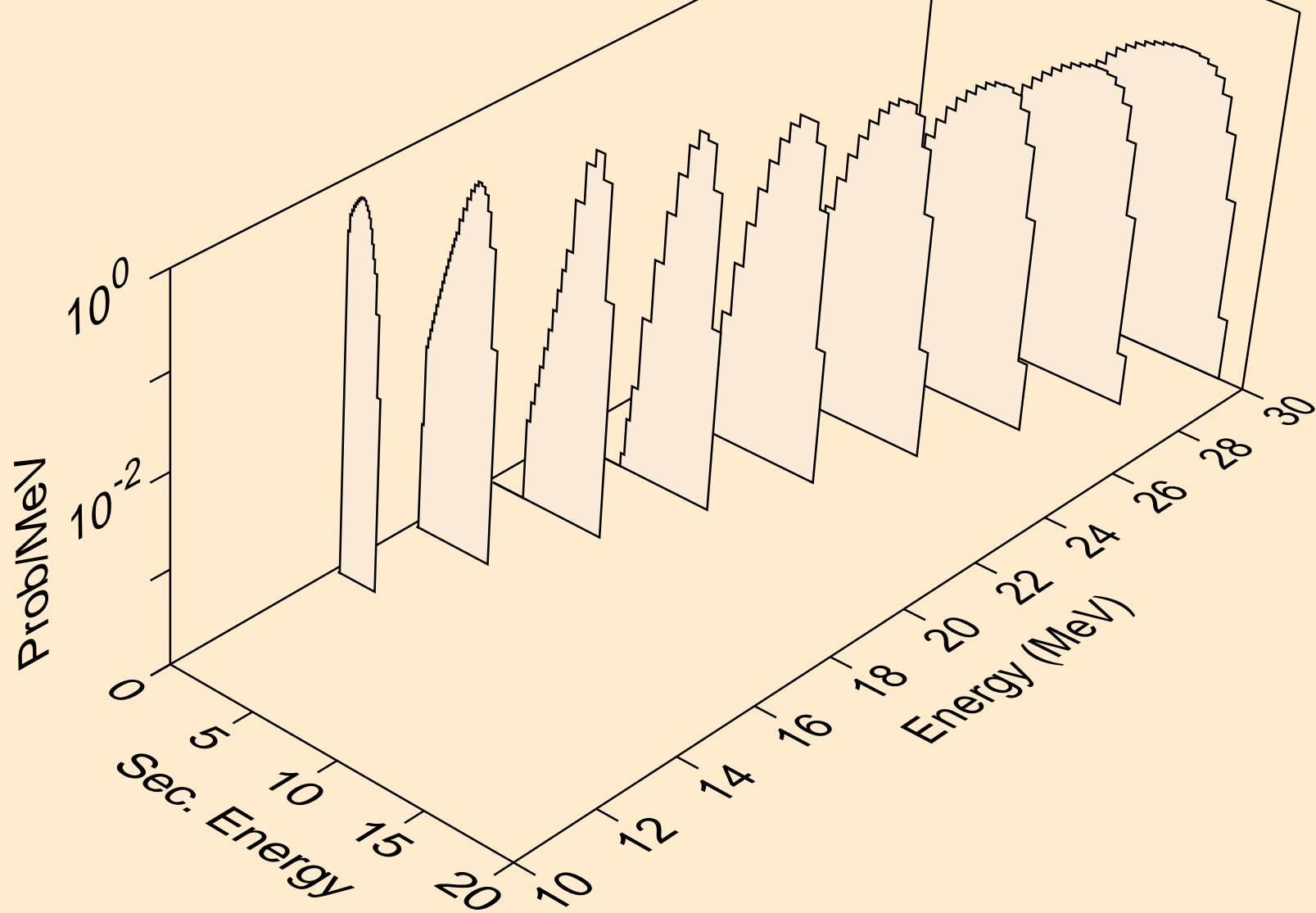
IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



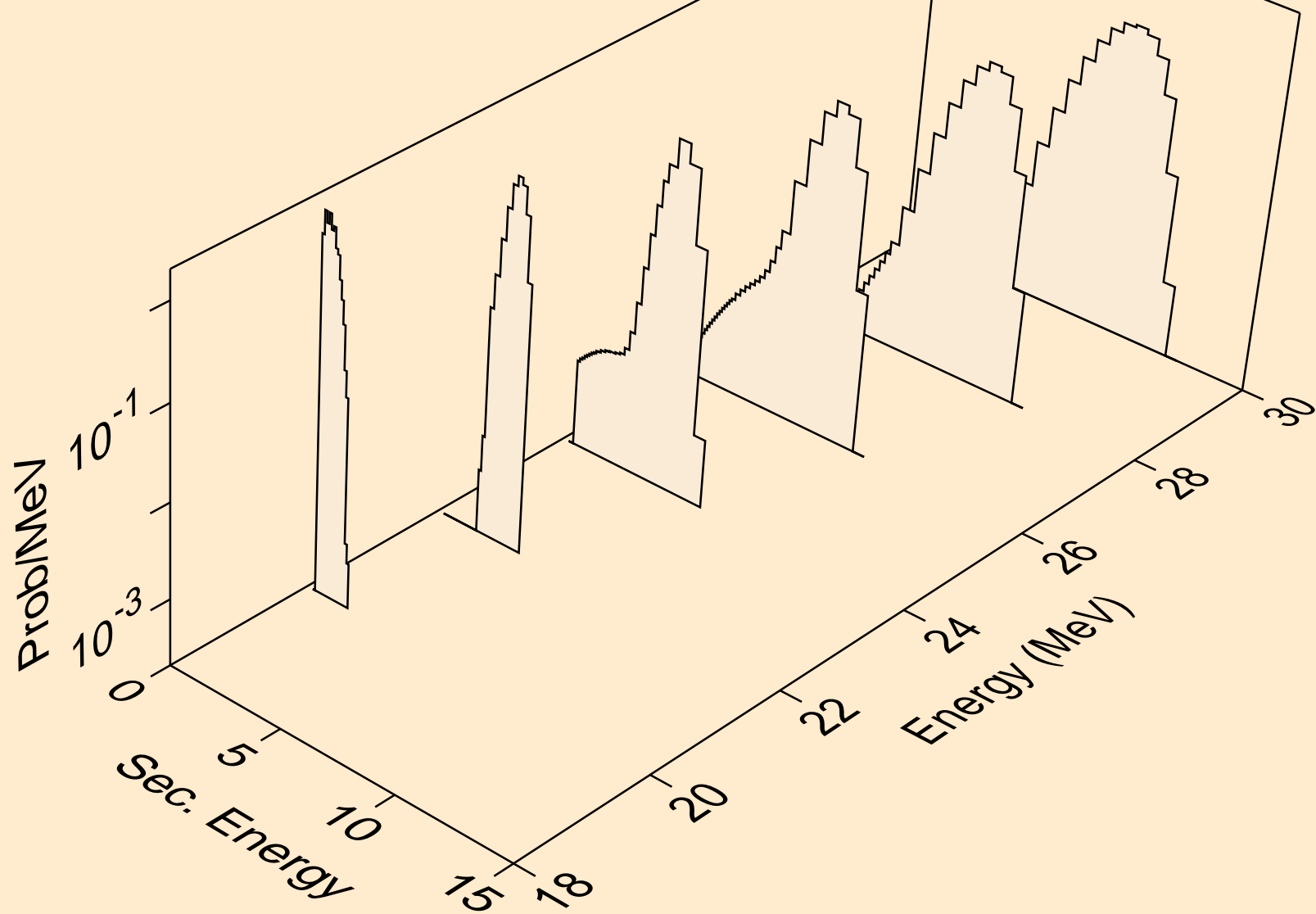
IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



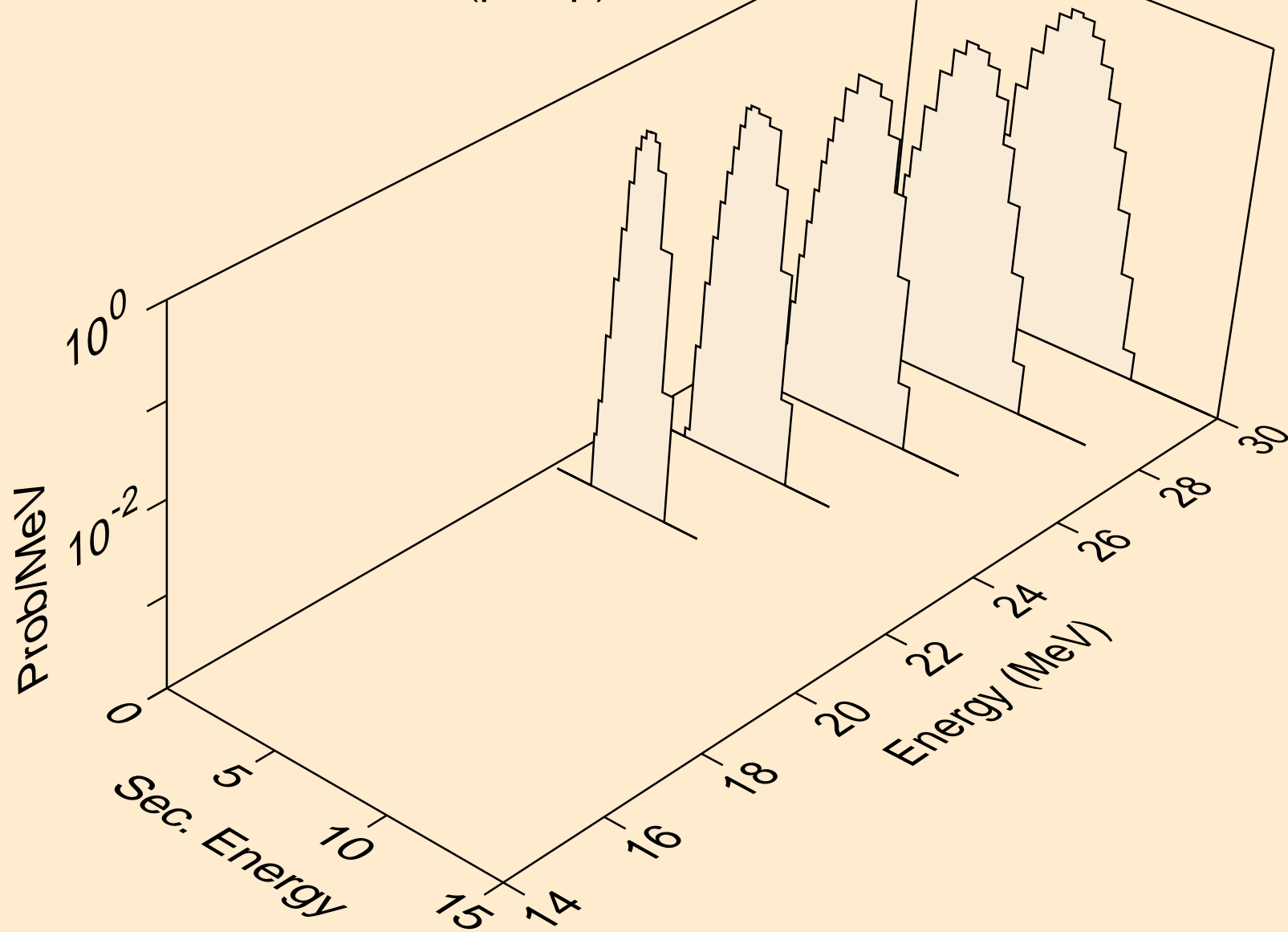
IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



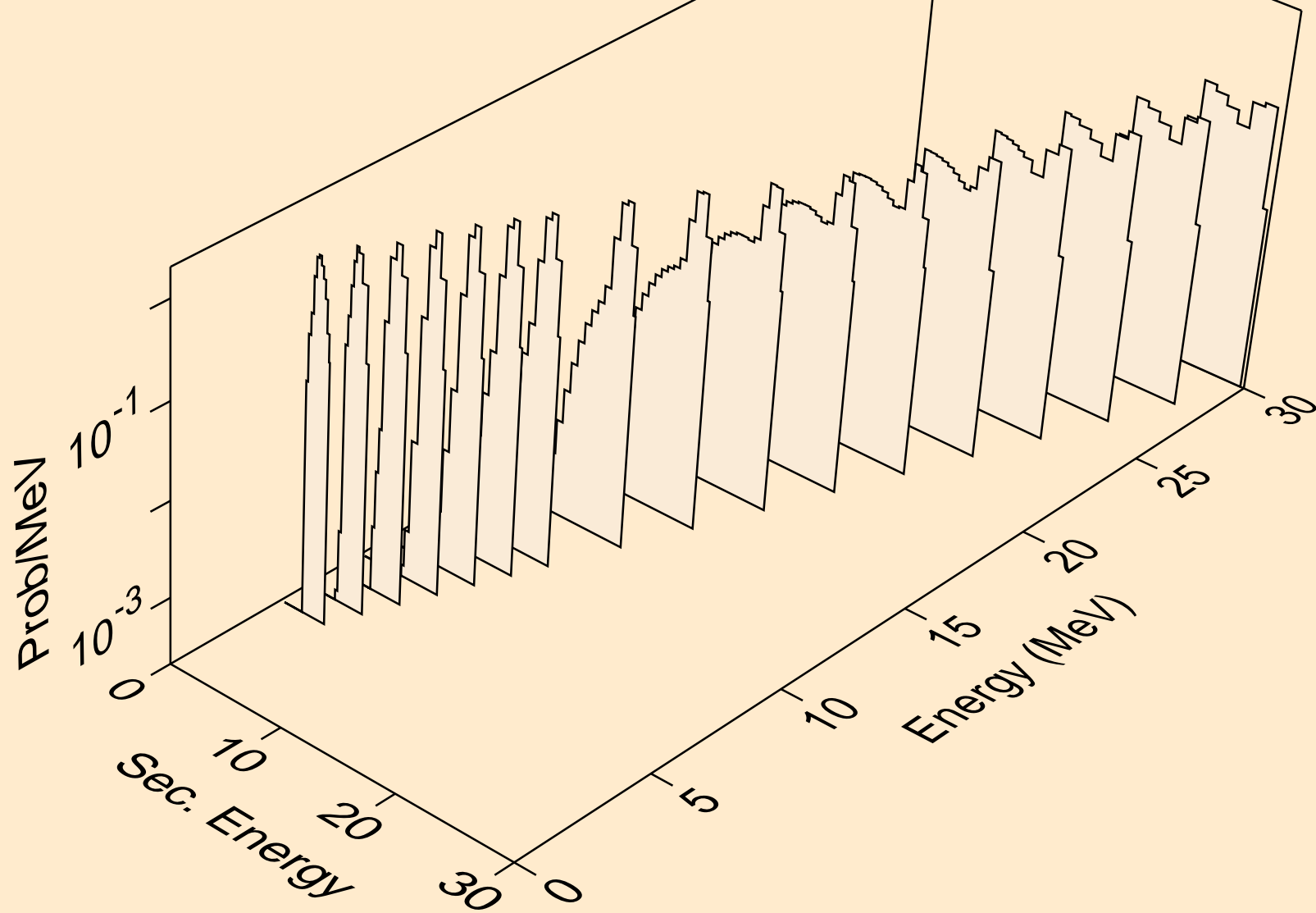
IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,3np)



IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)

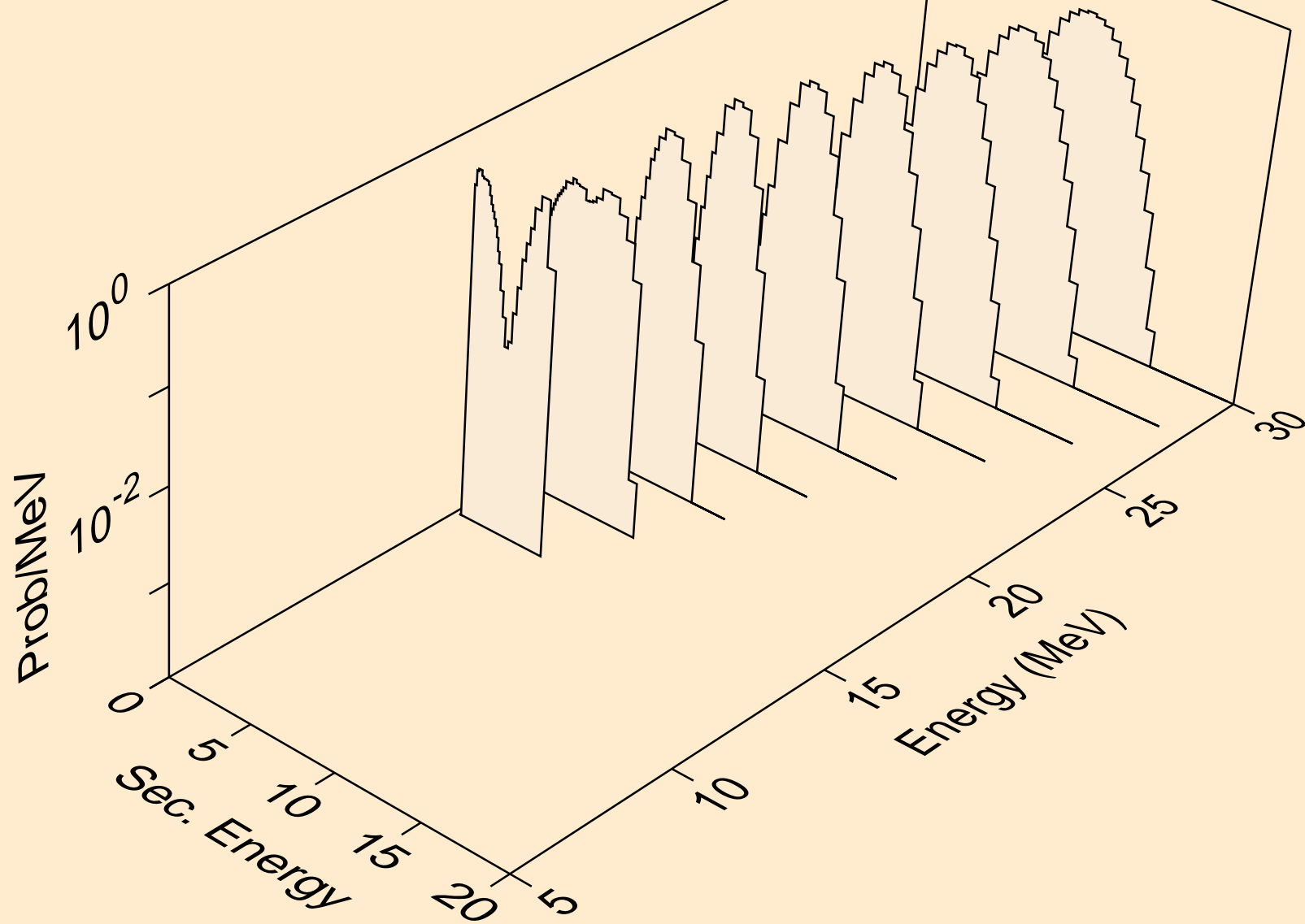


IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

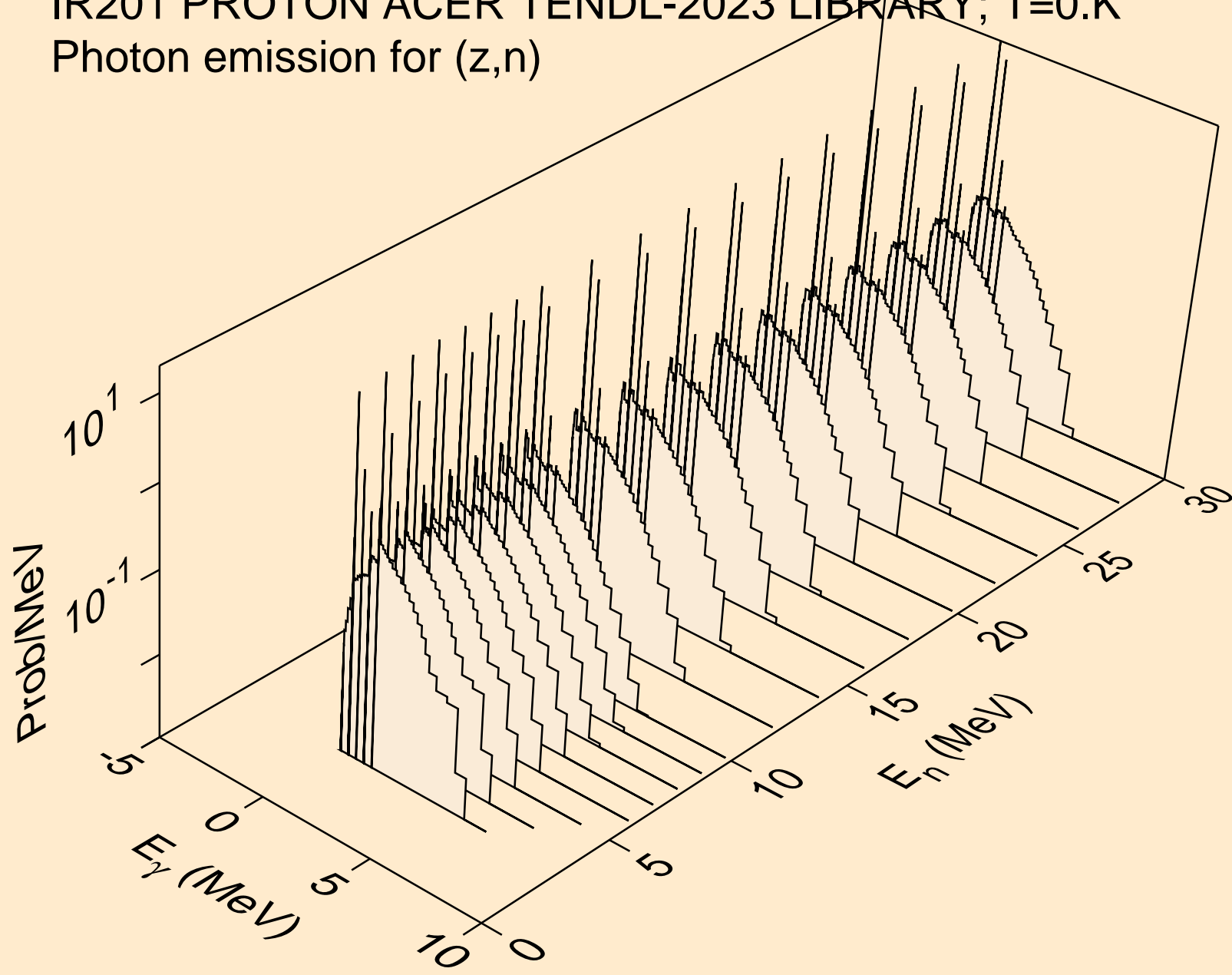




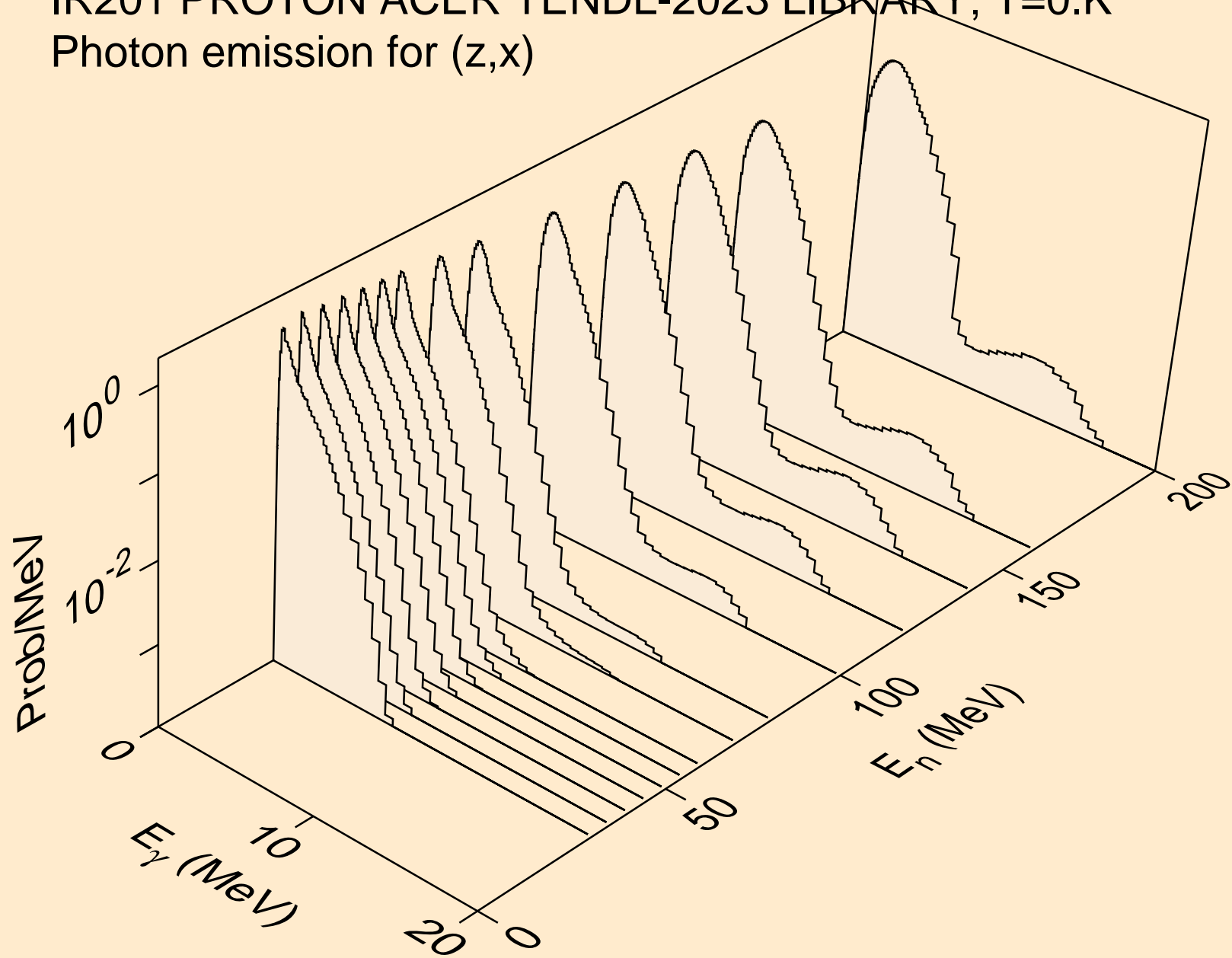
IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)



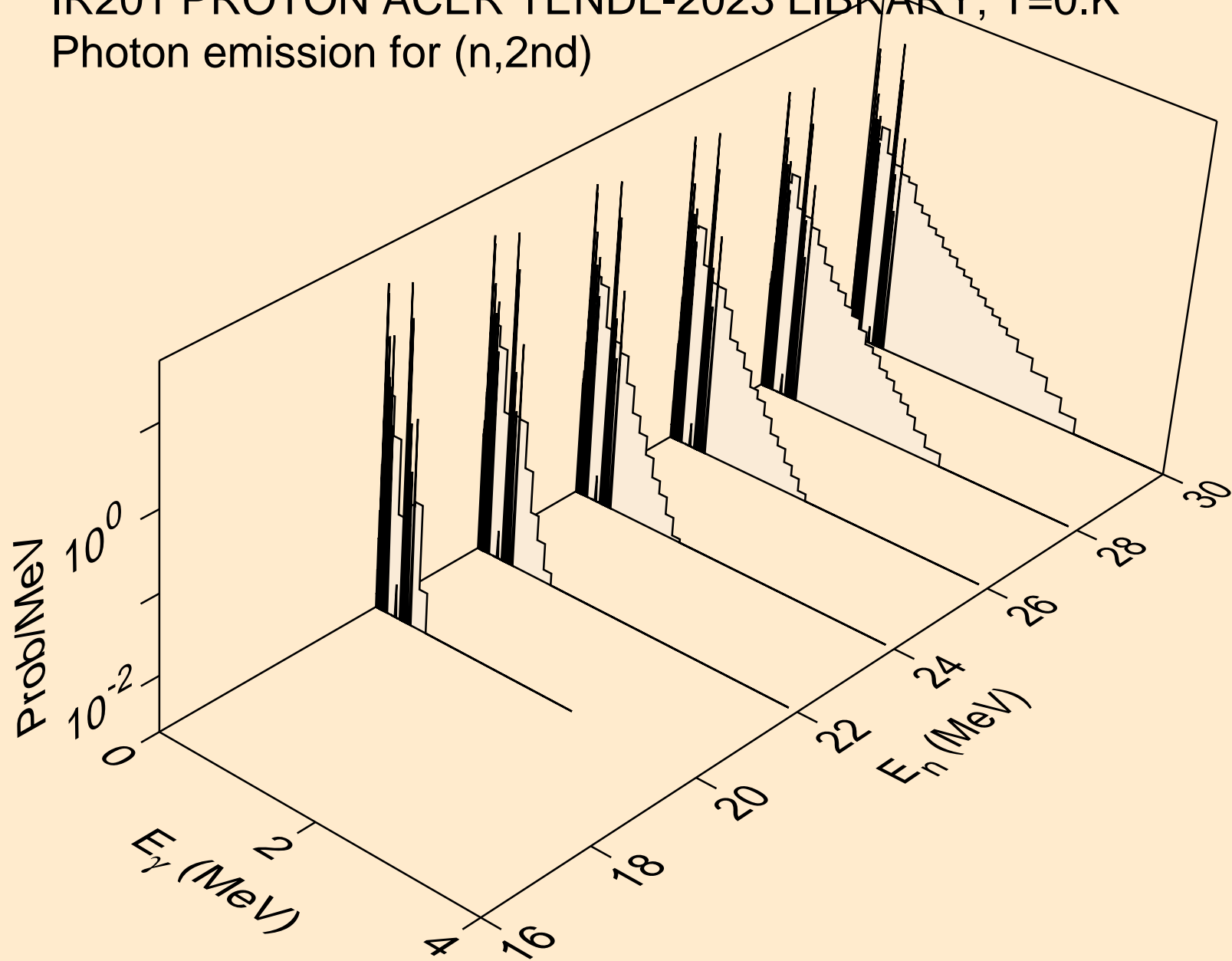
IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



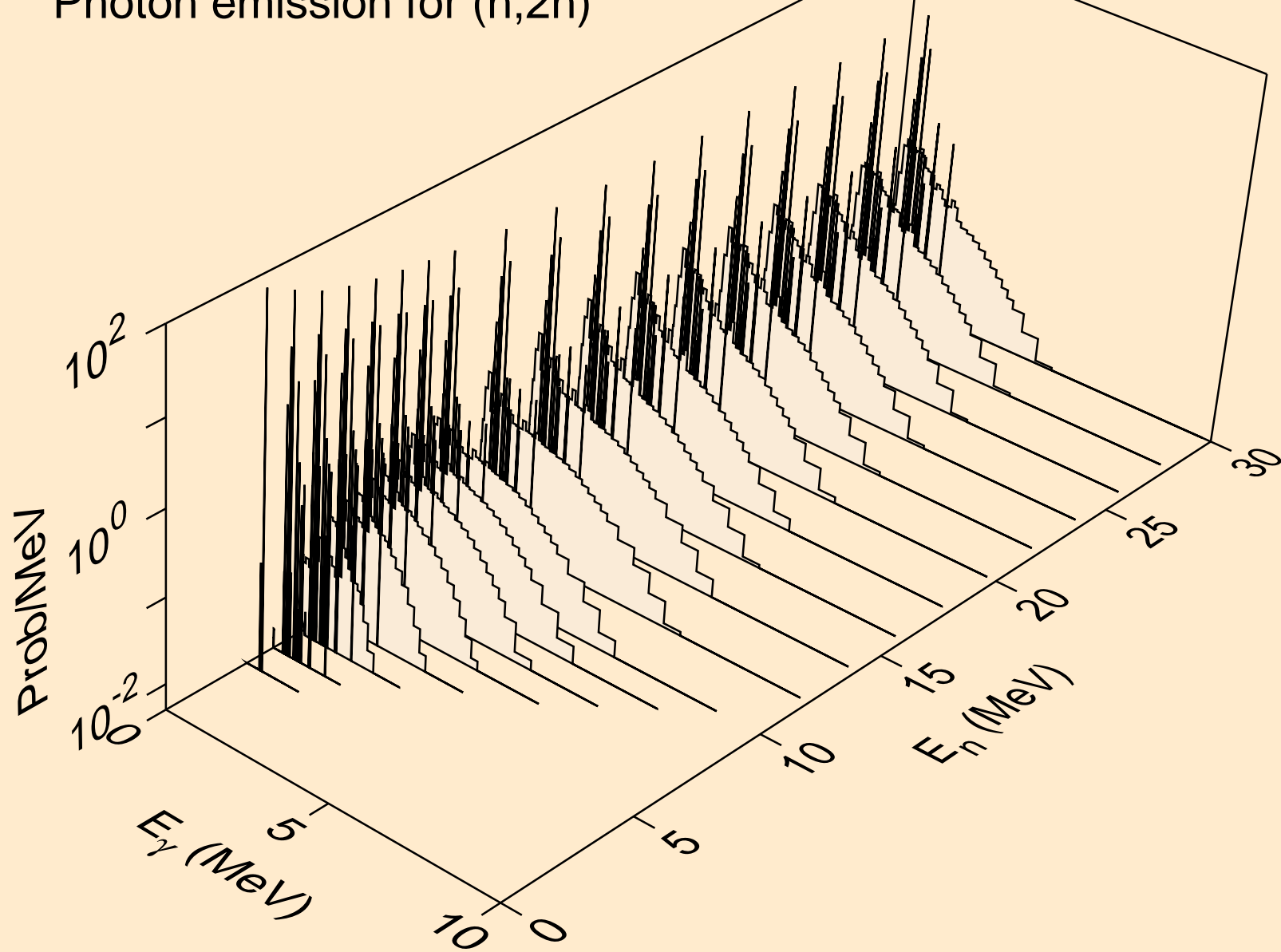
IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



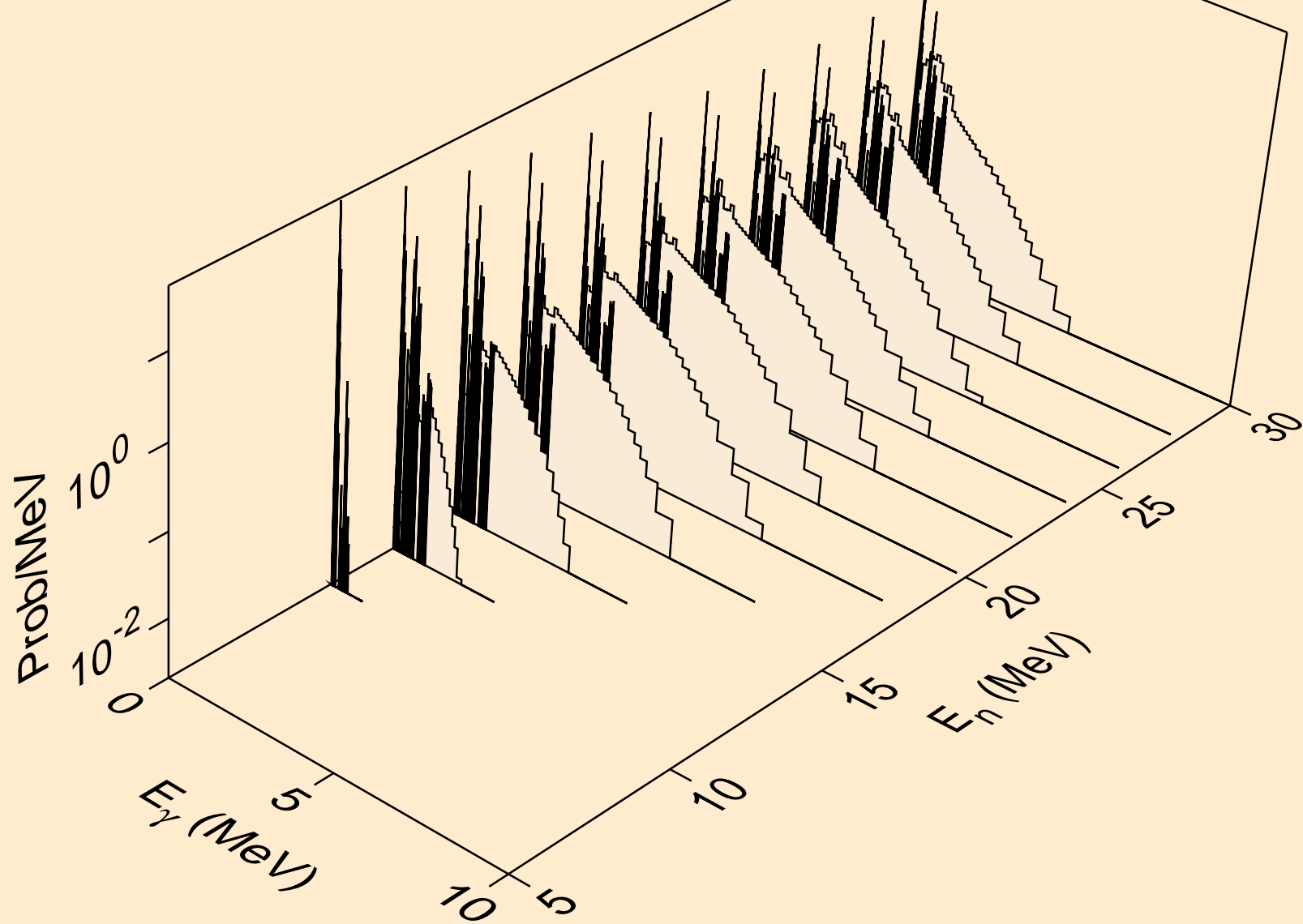
IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



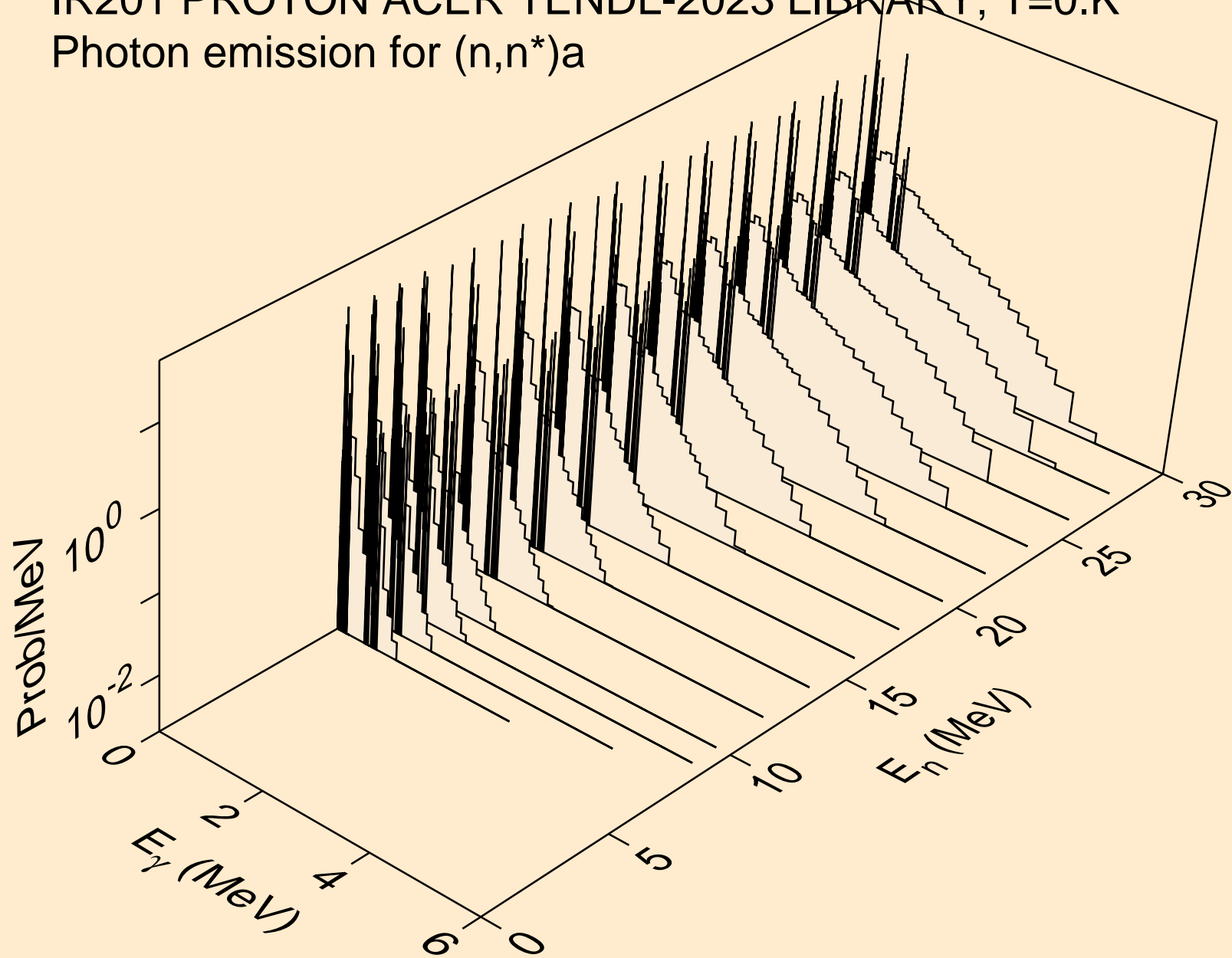
IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



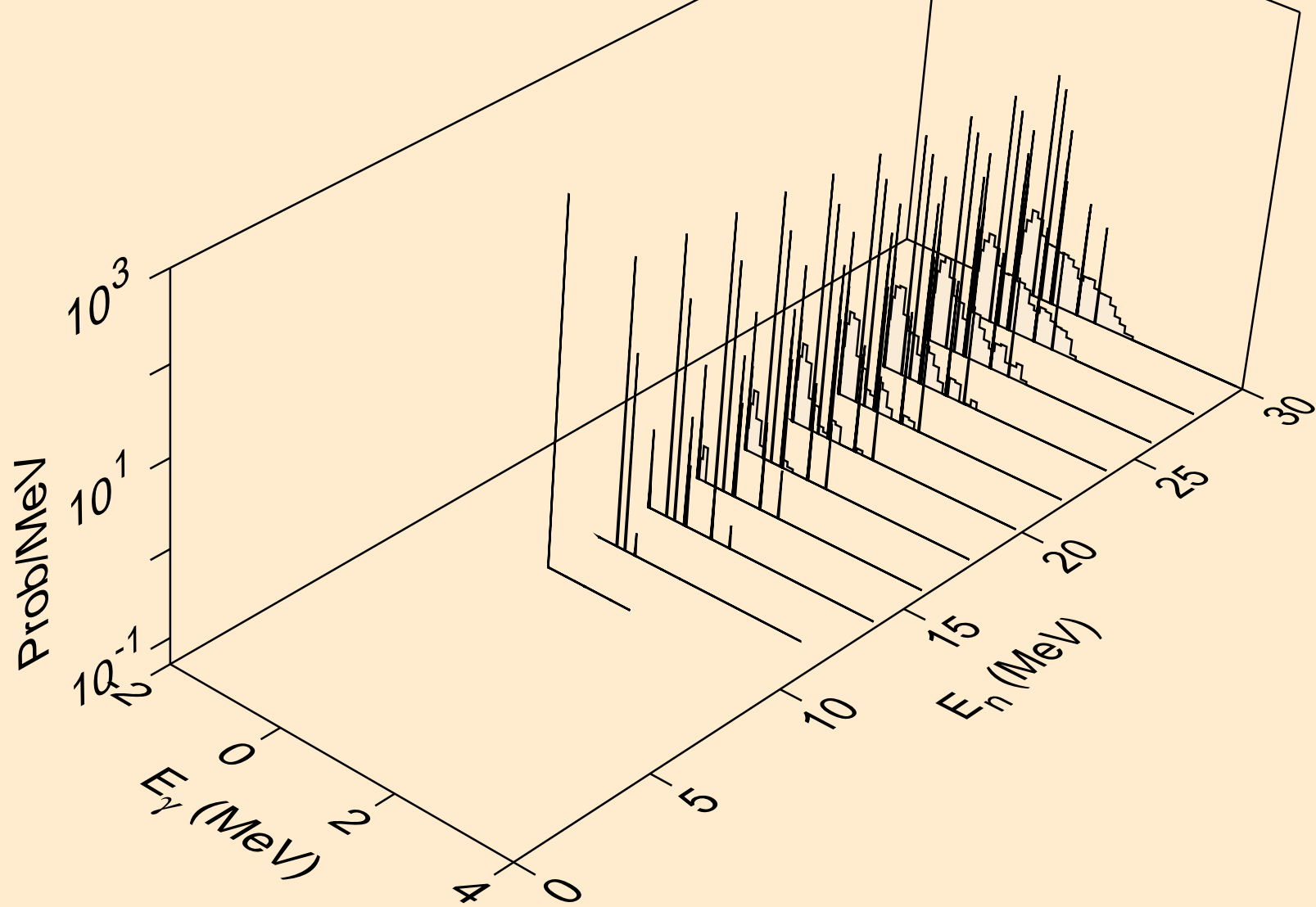
IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

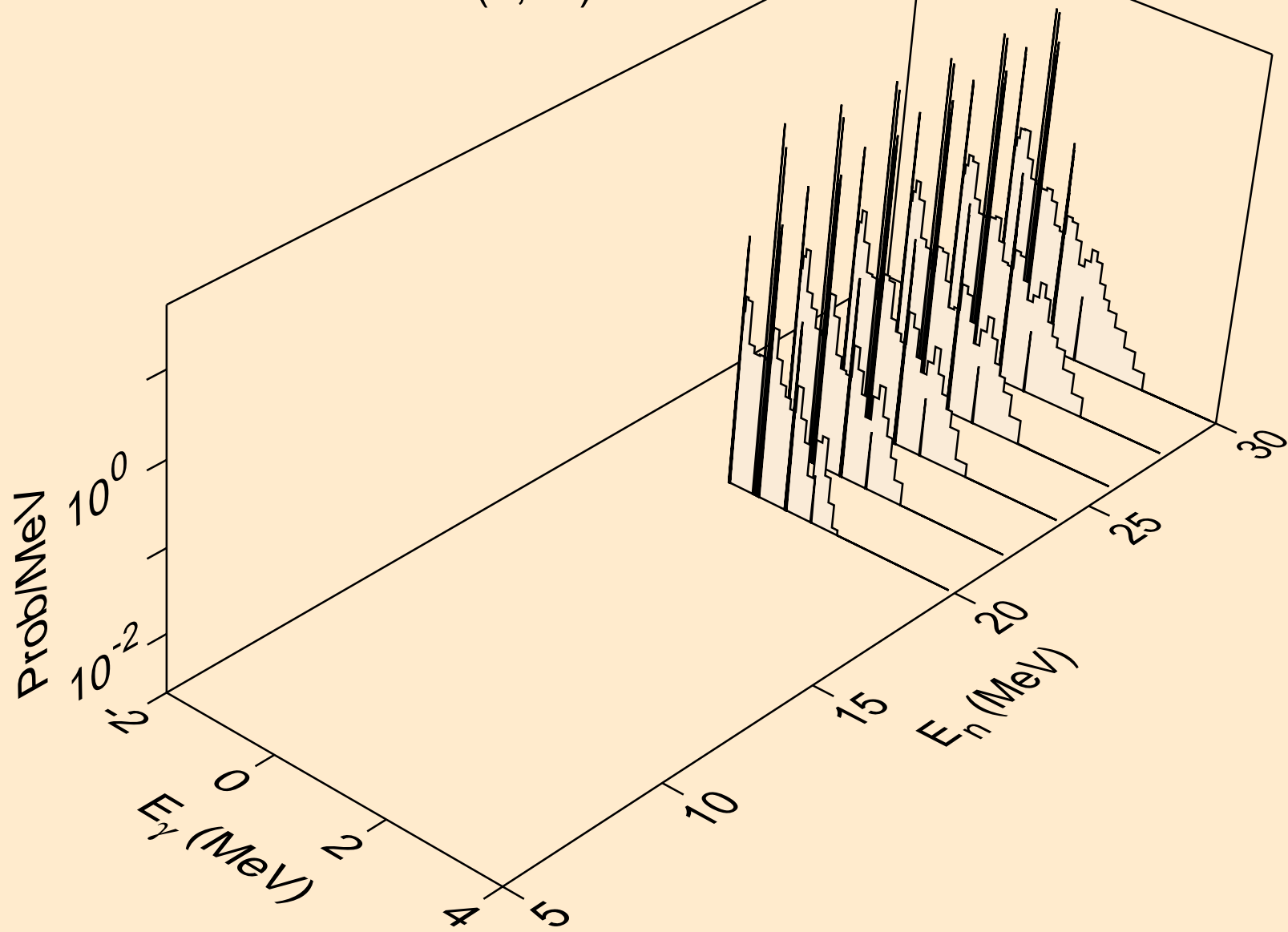


IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

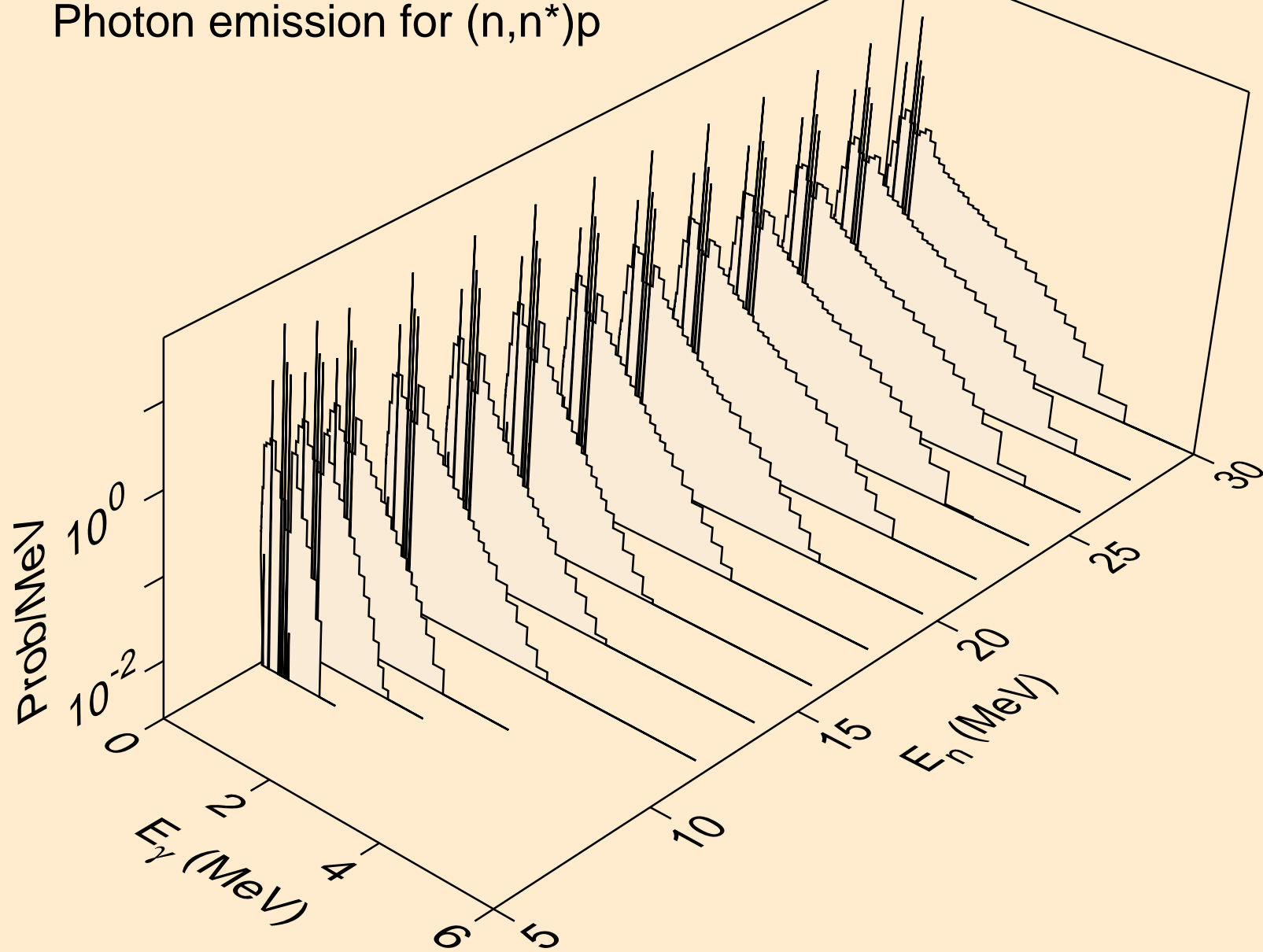




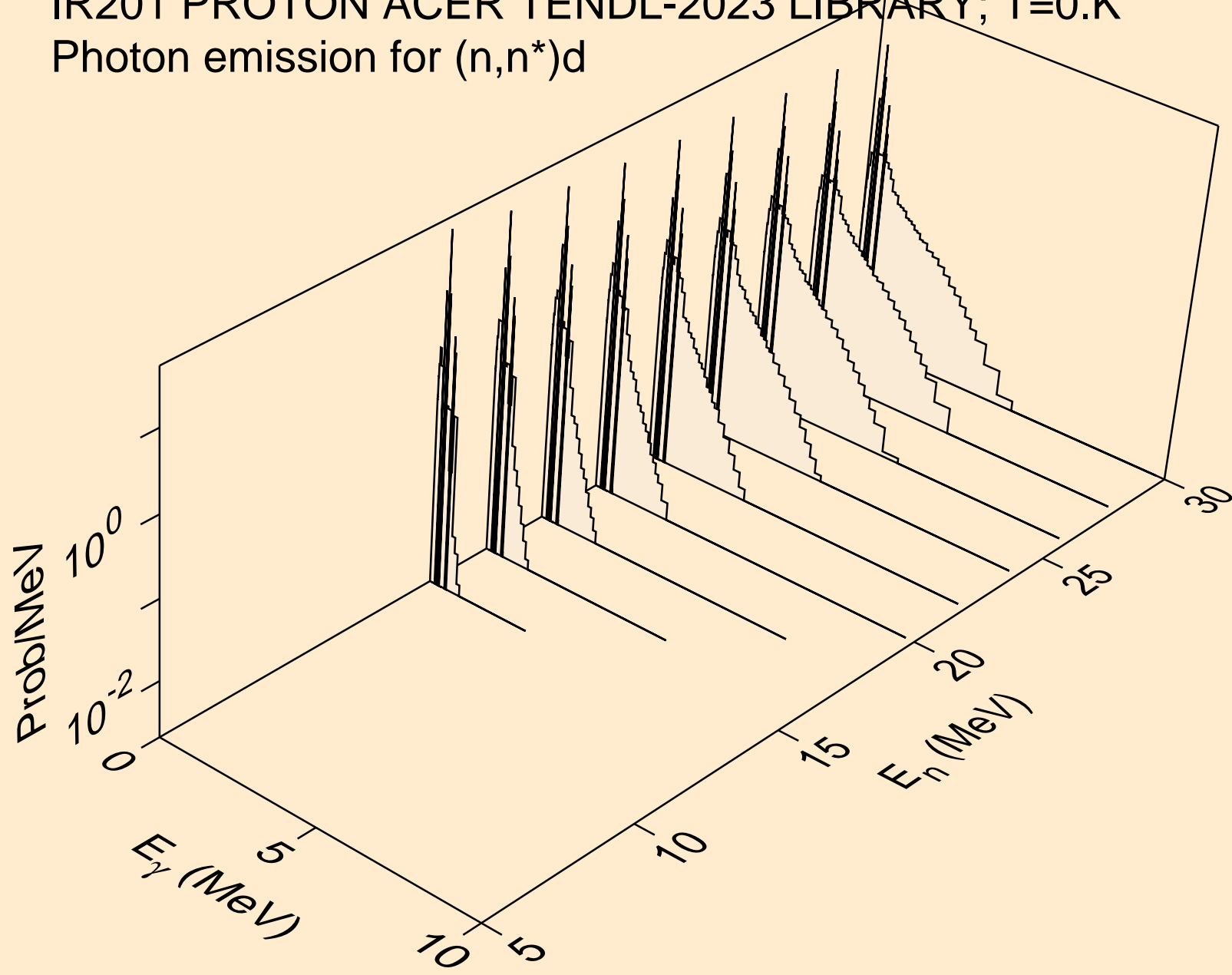
IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



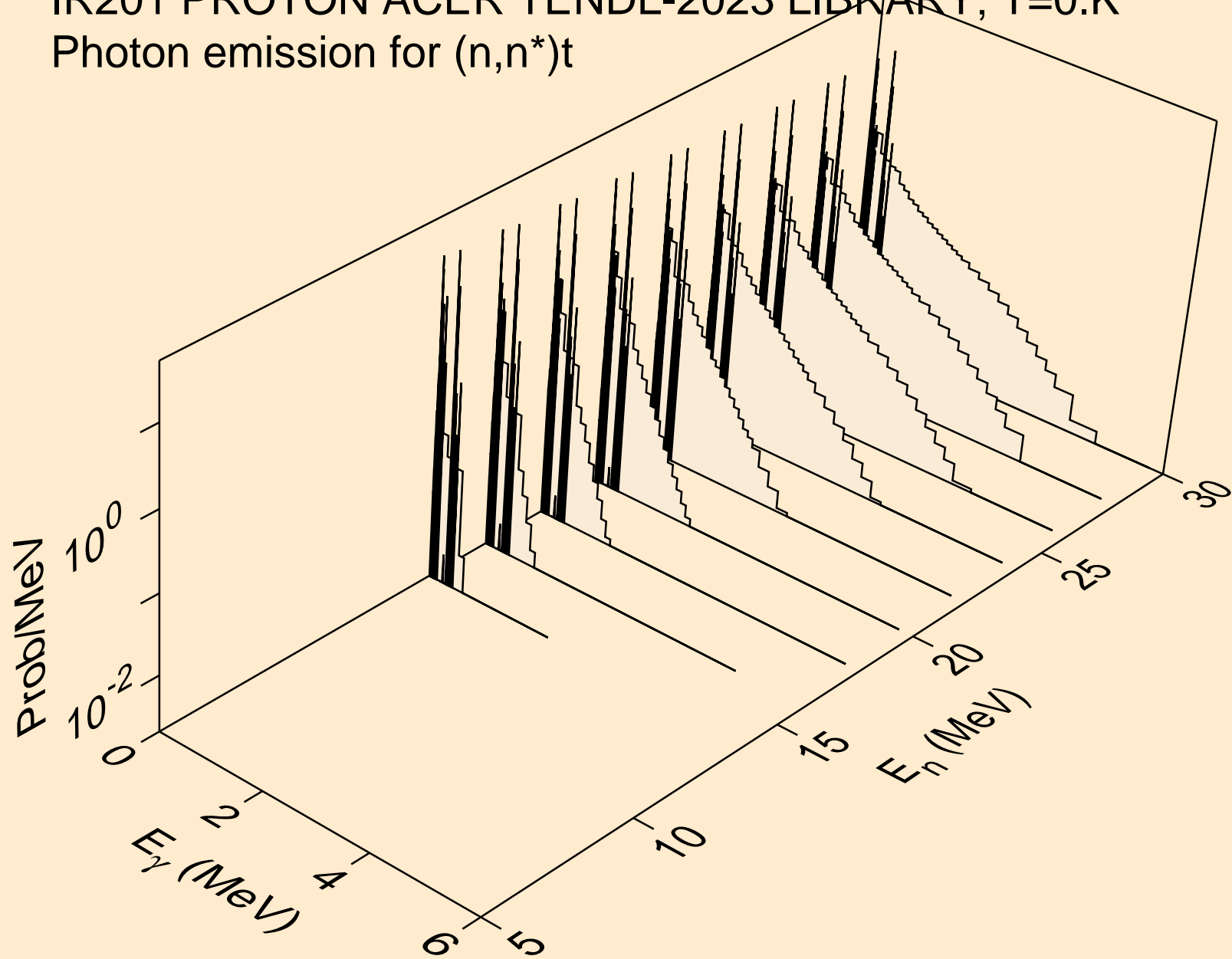
IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



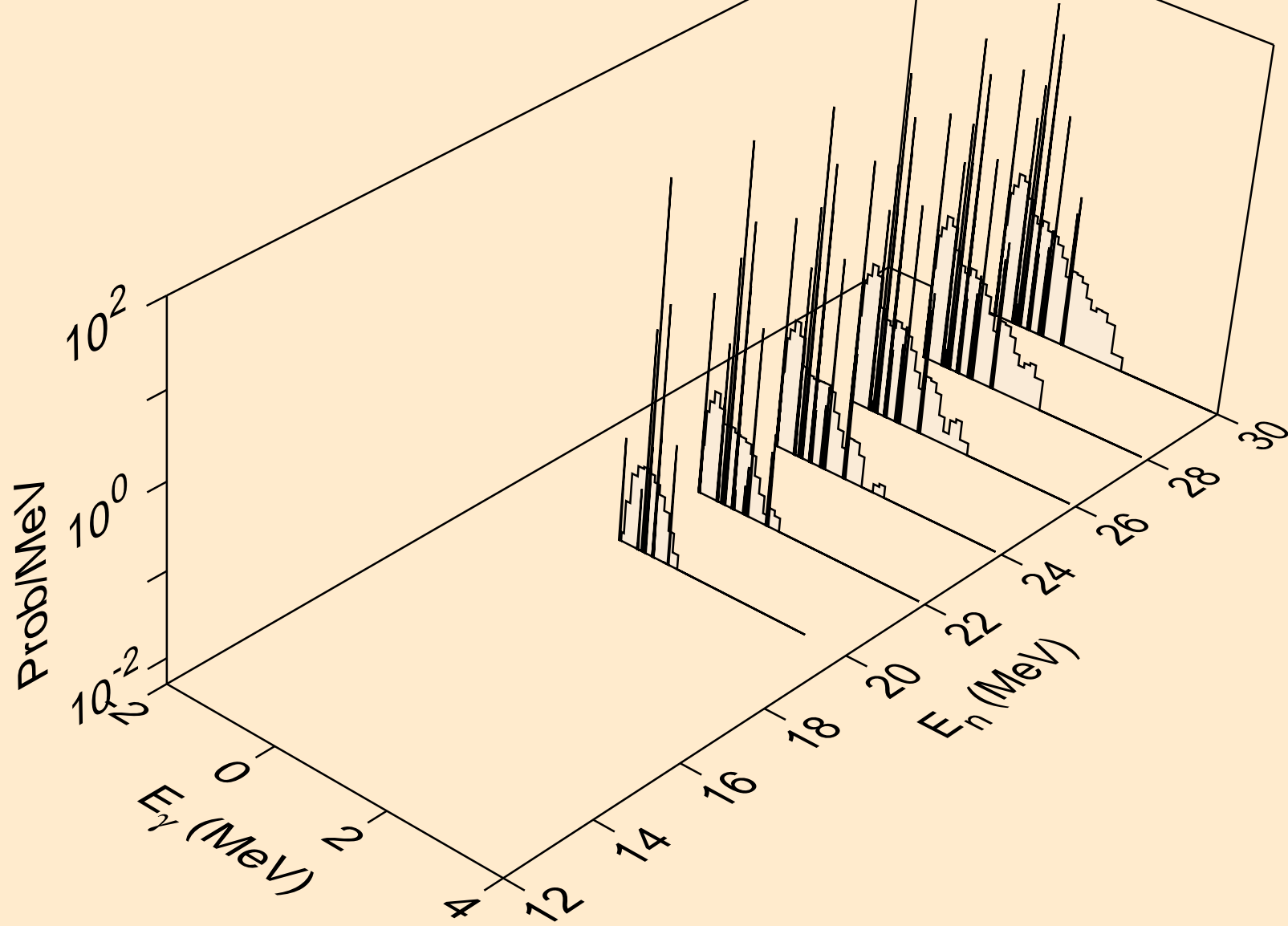
IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



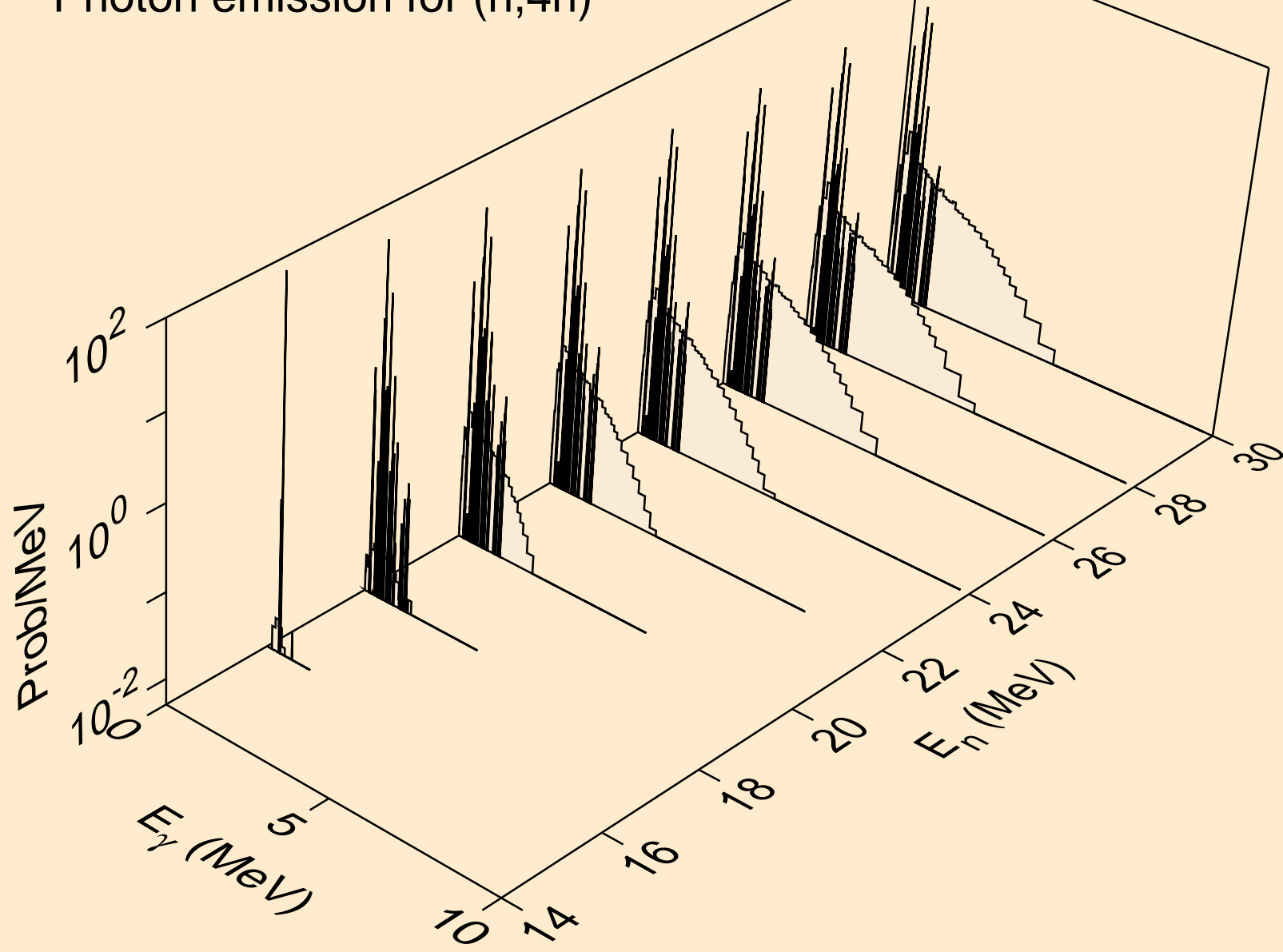
IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



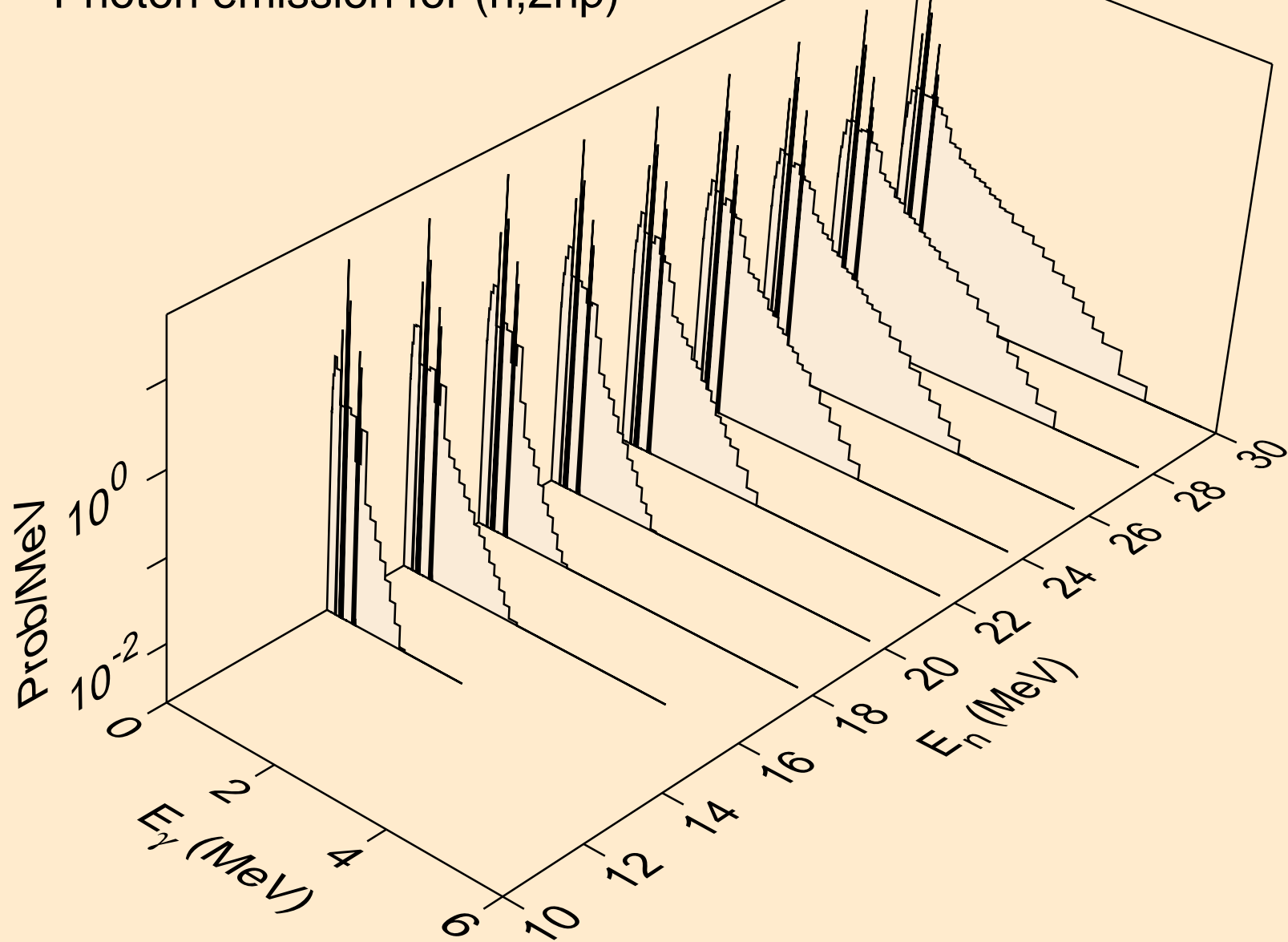
IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



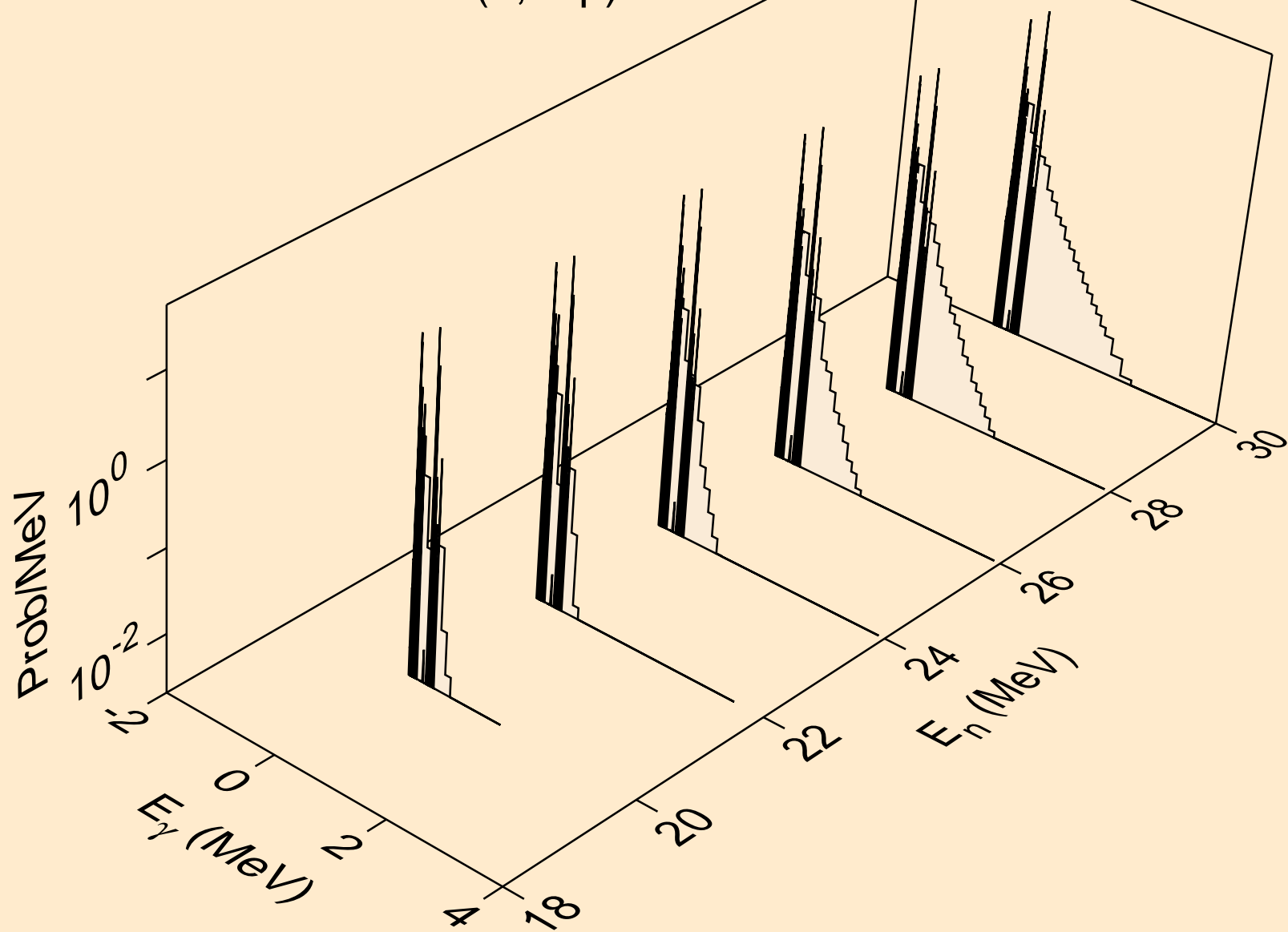
IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

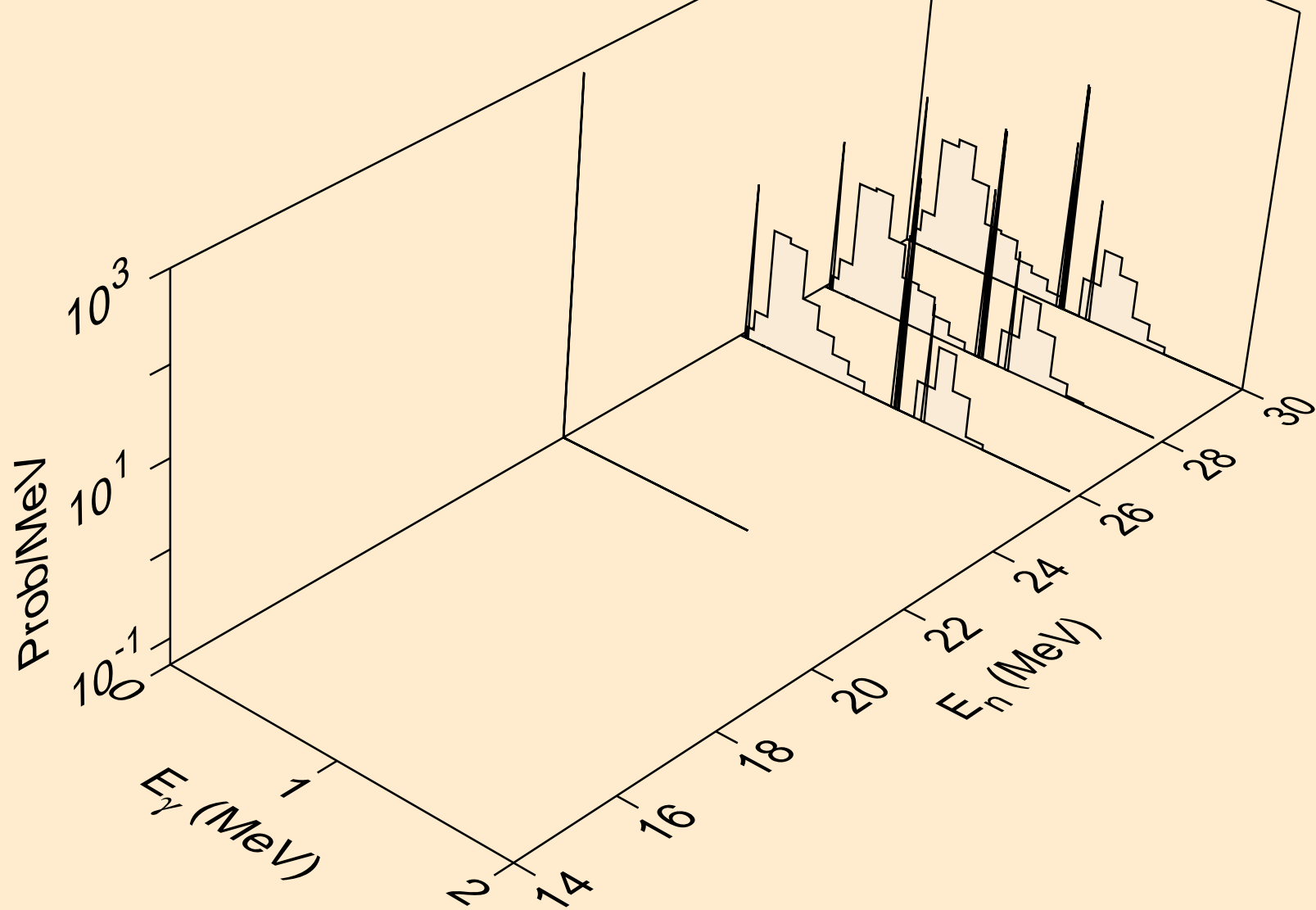


IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)

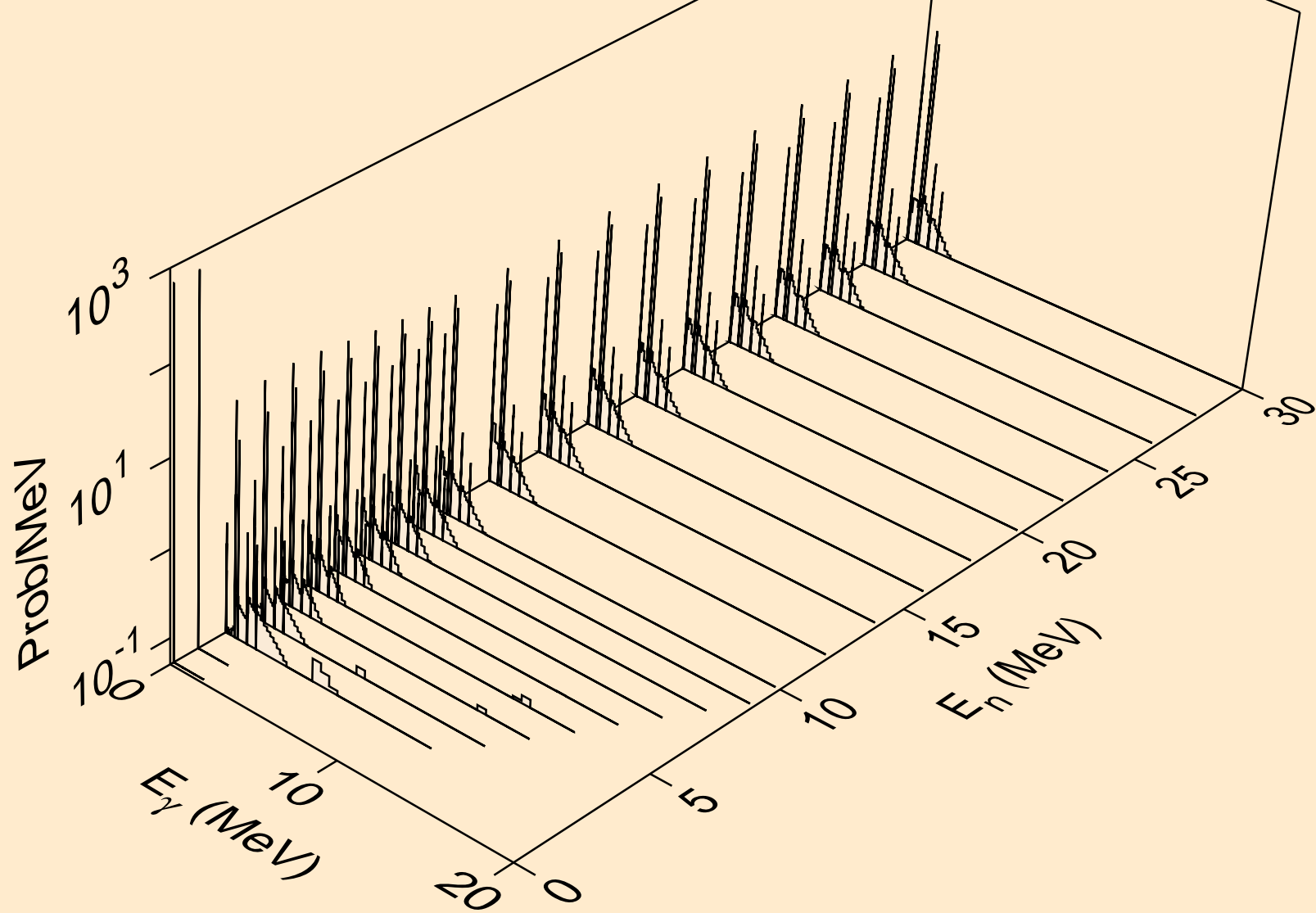




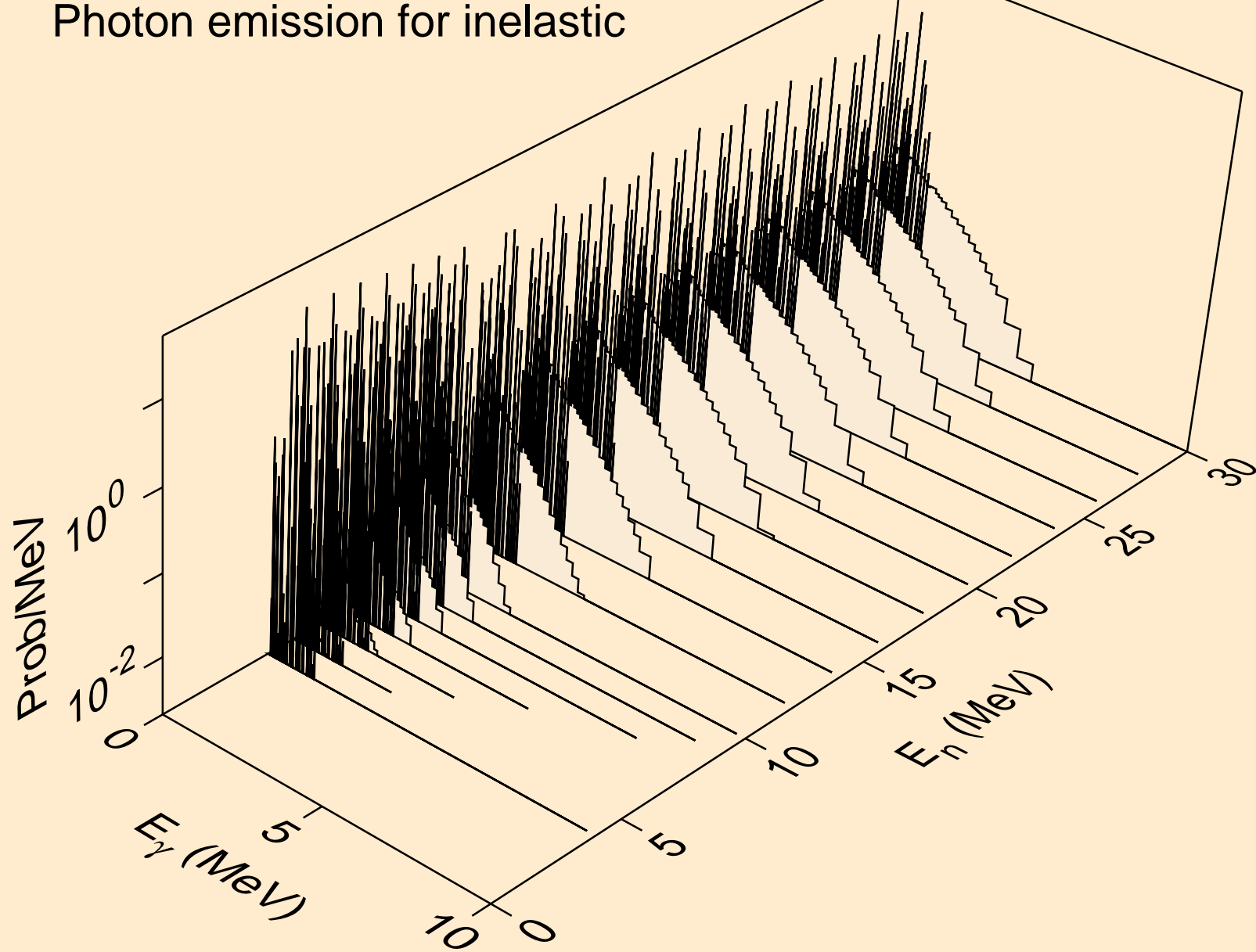
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Photon emission for (n,n2p)



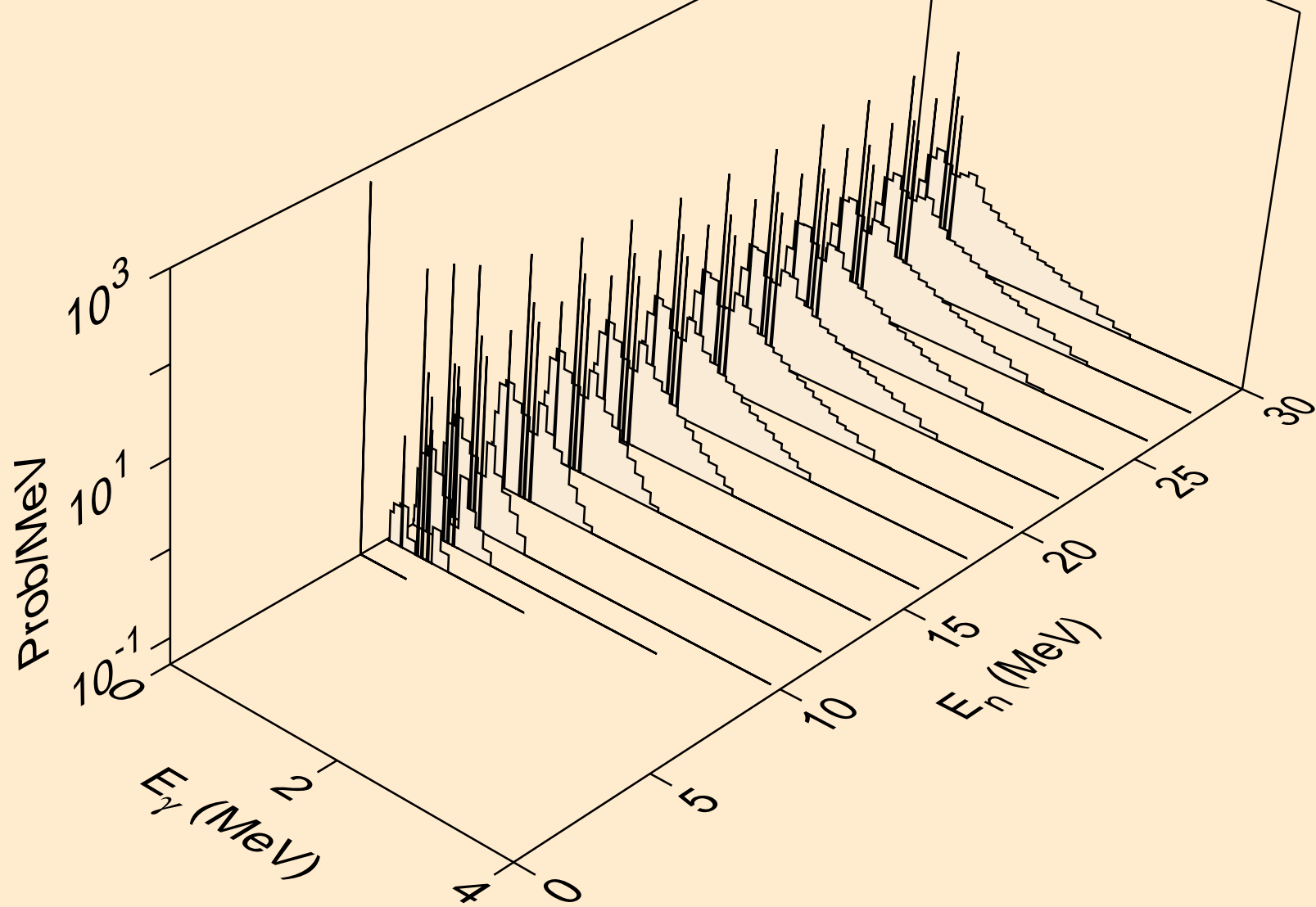
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Photon emission for (n,gma)



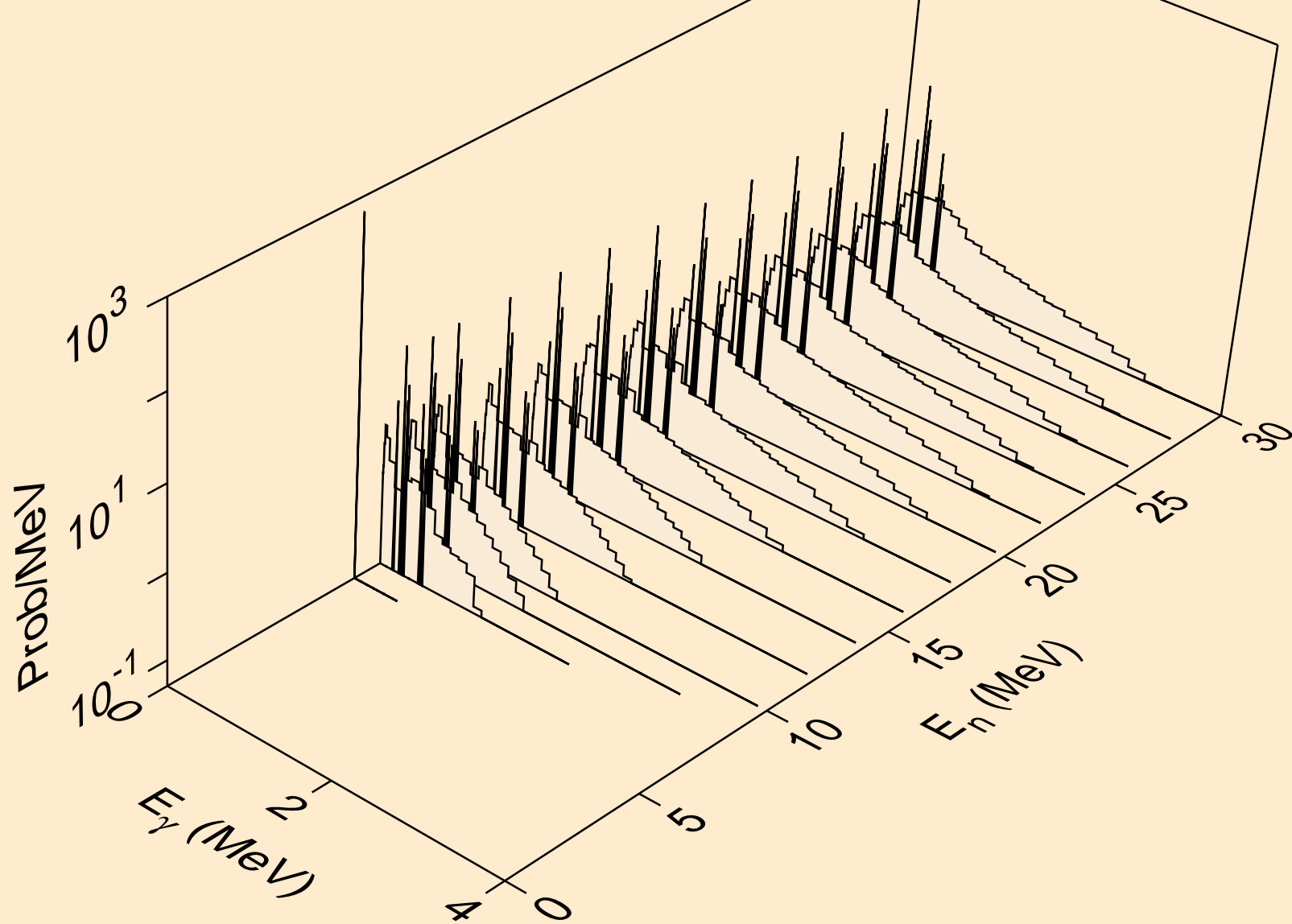
IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



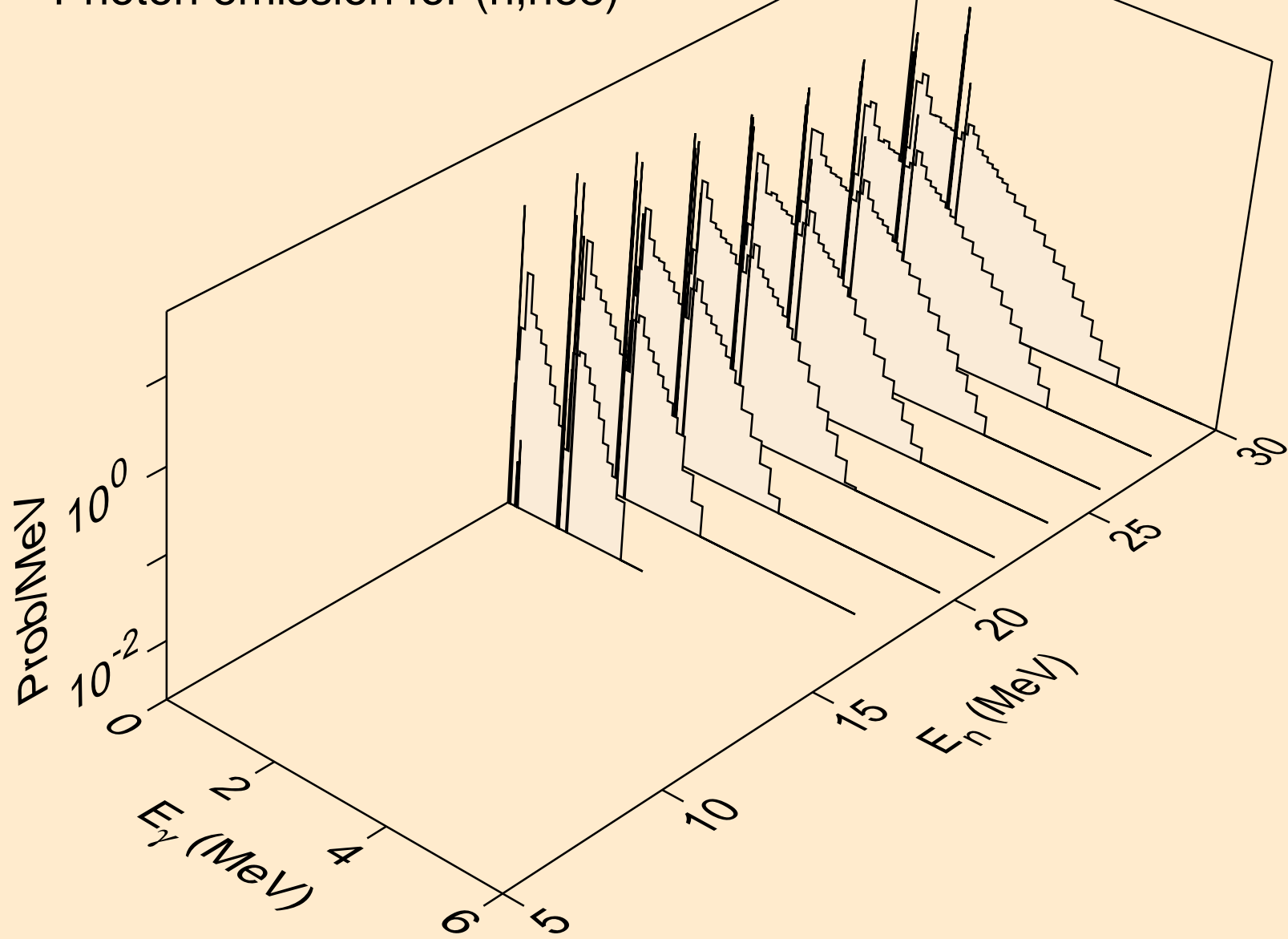
IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



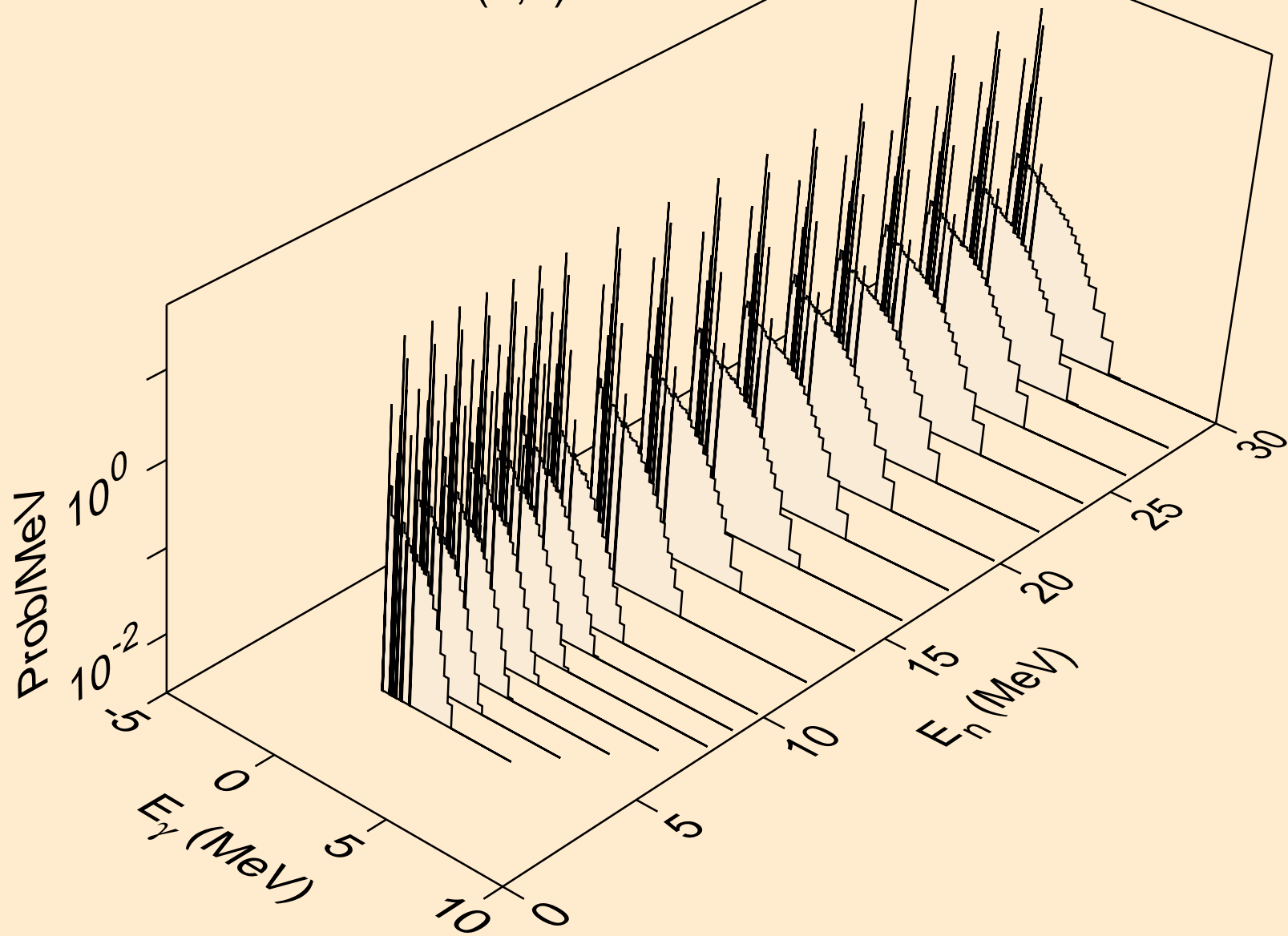
IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



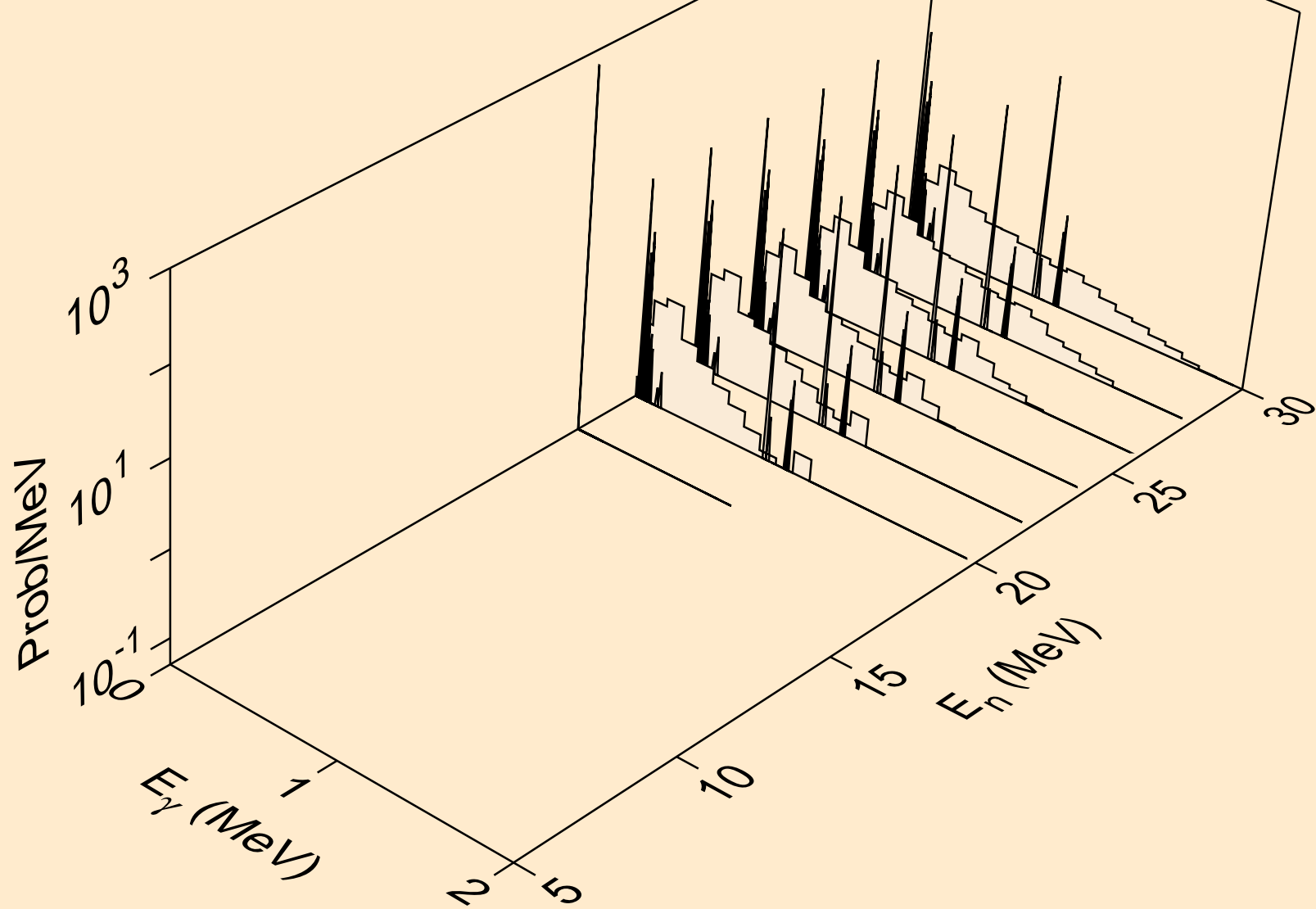
IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



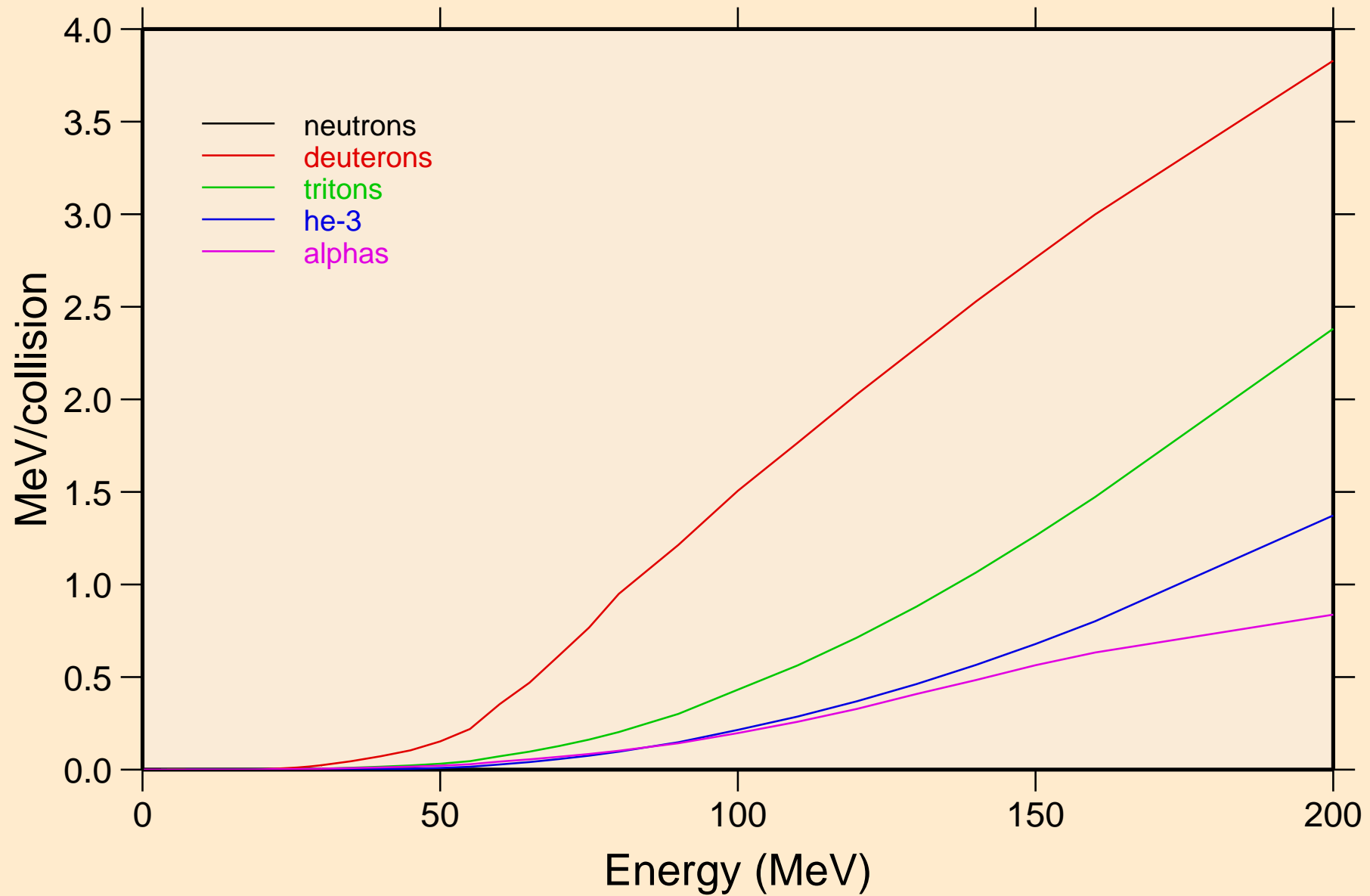
IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



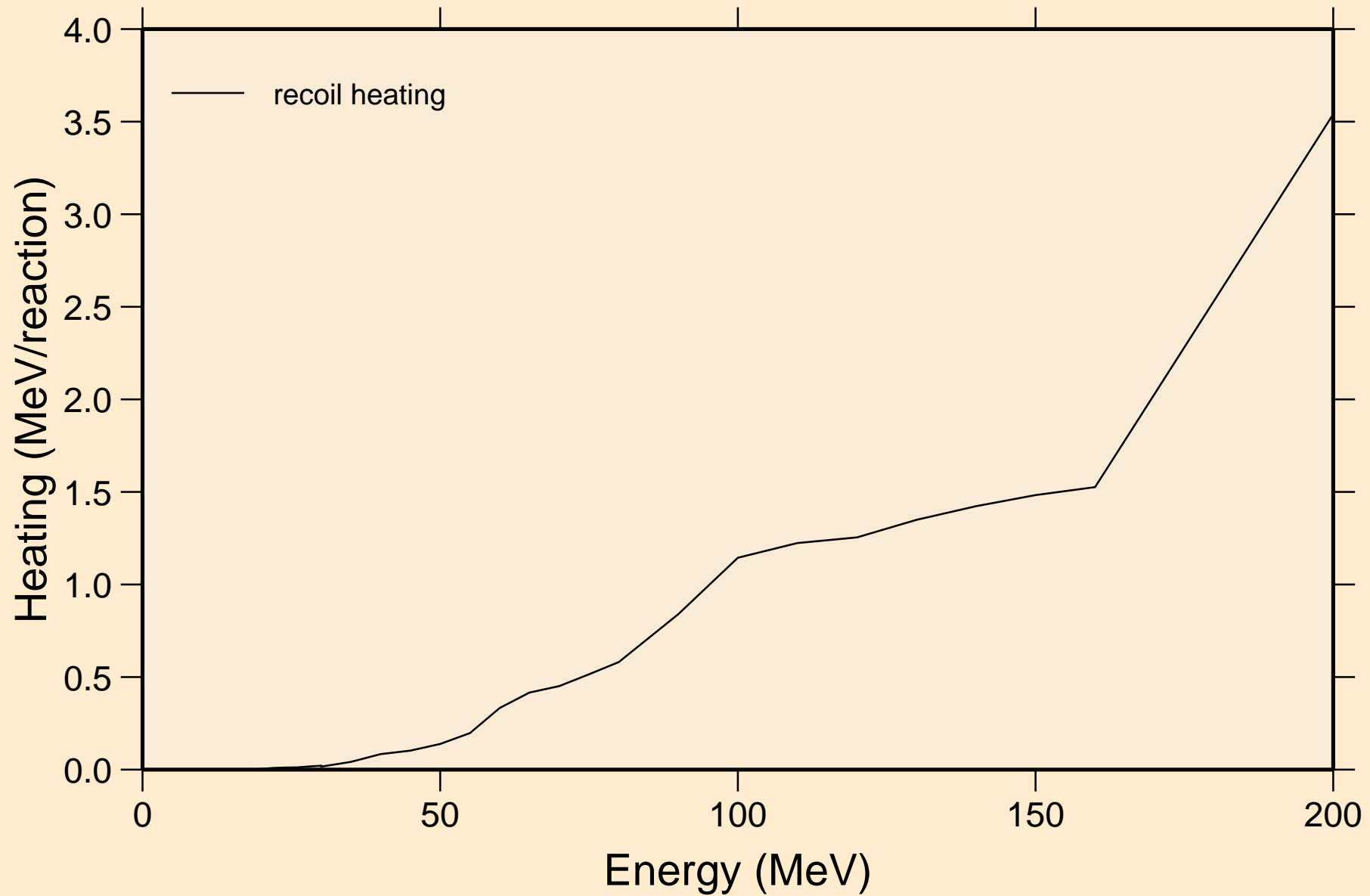


# IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K

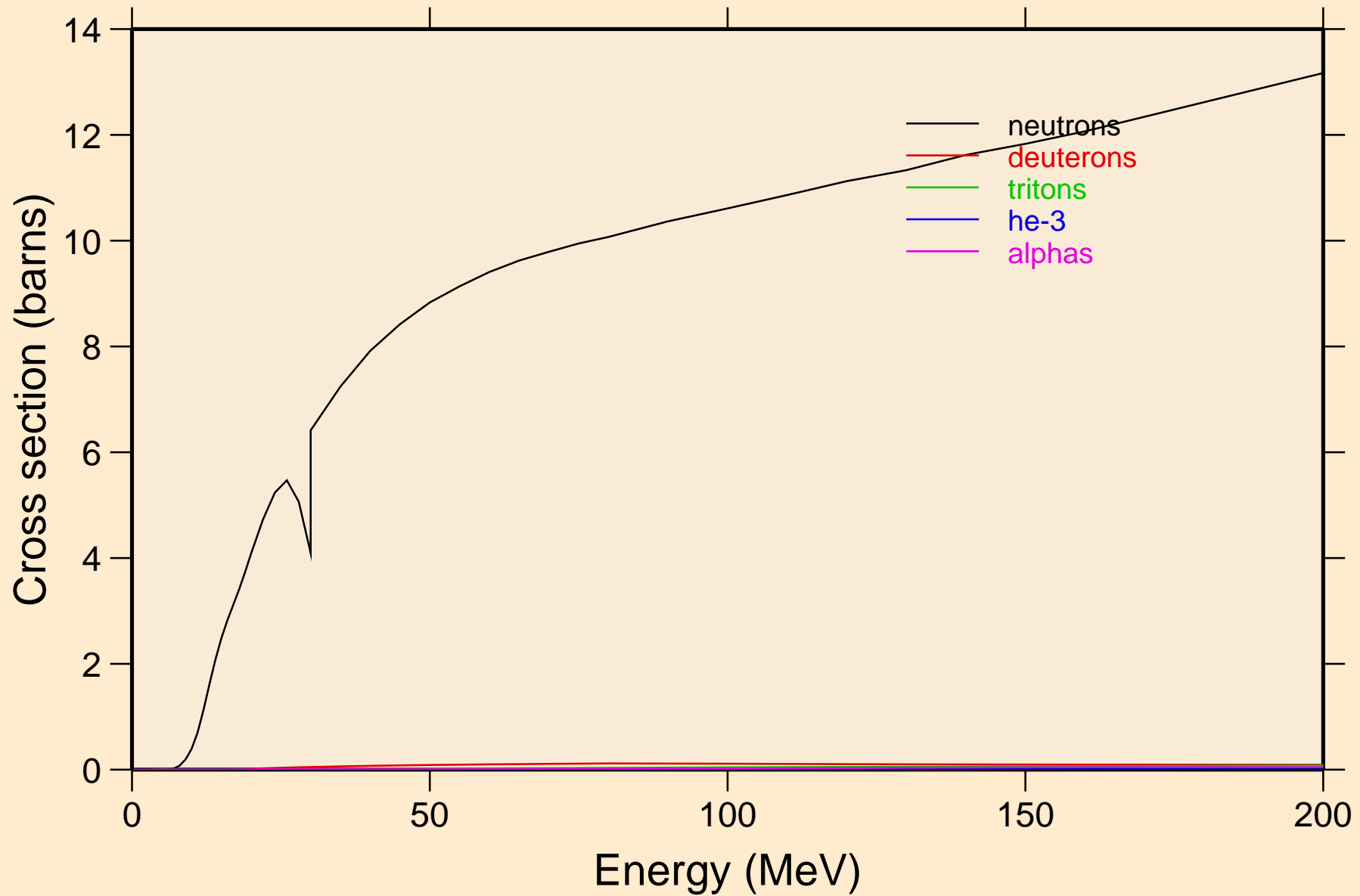
## Particle heating contributions



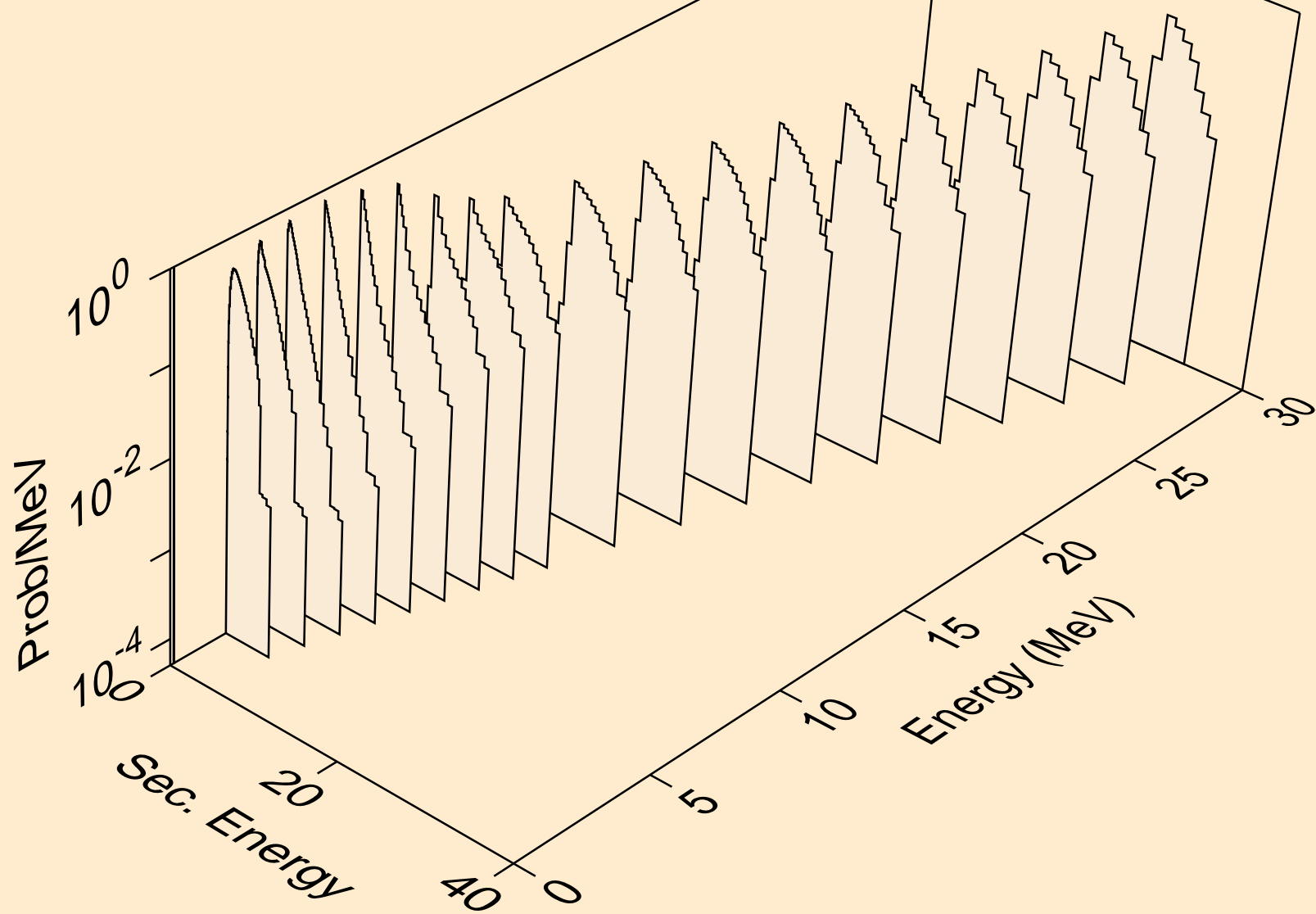
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Recoil Heating



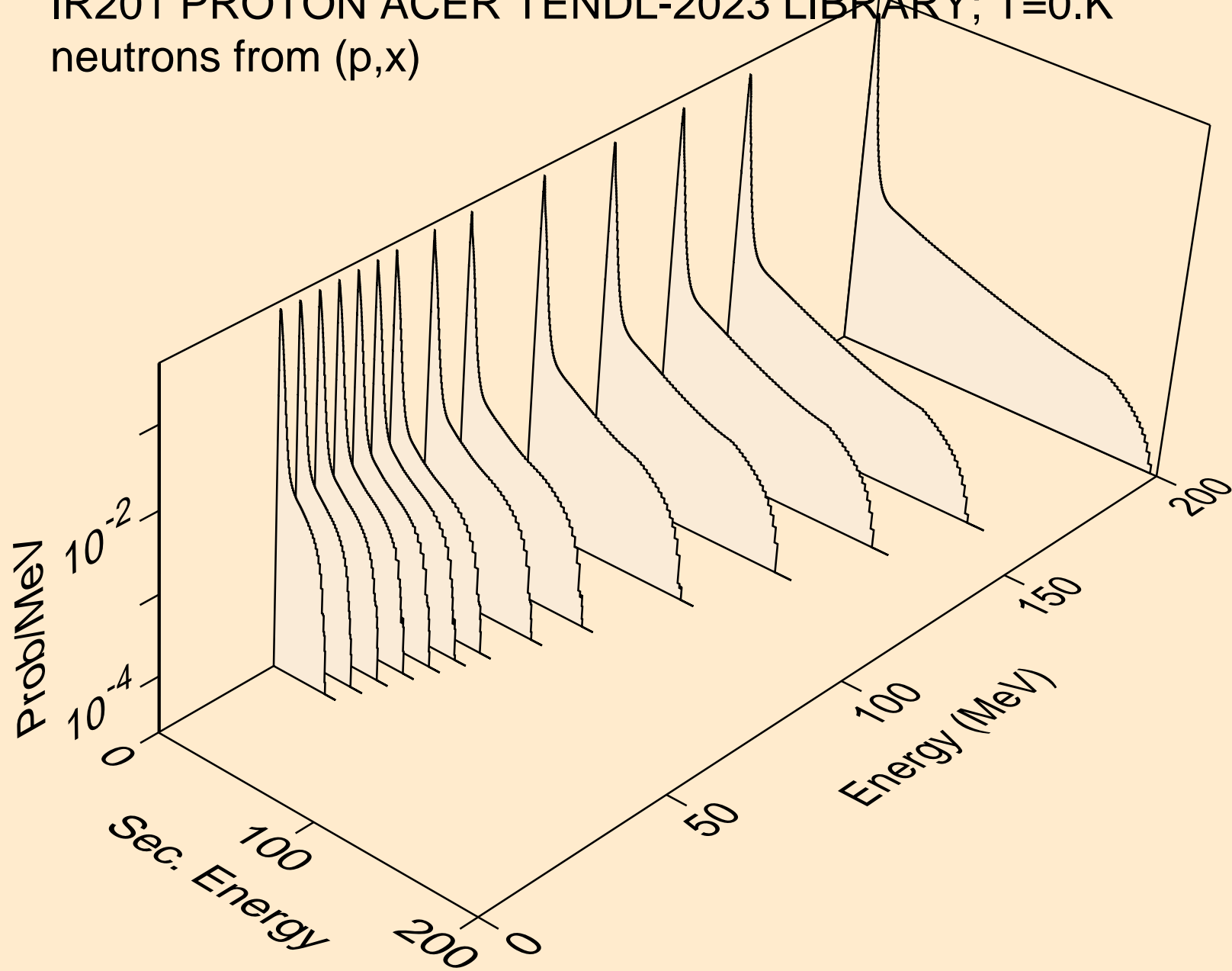
IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



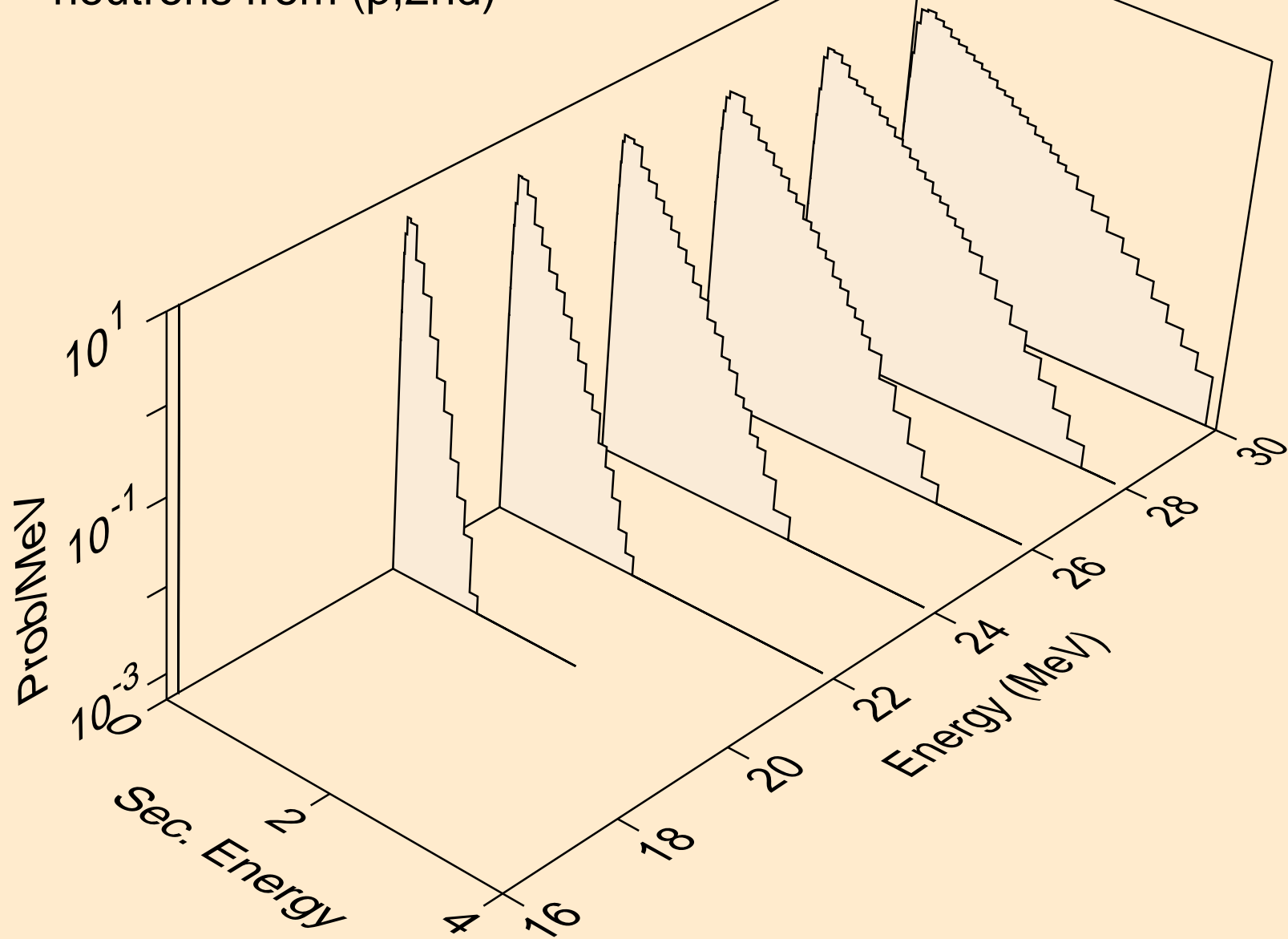
IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



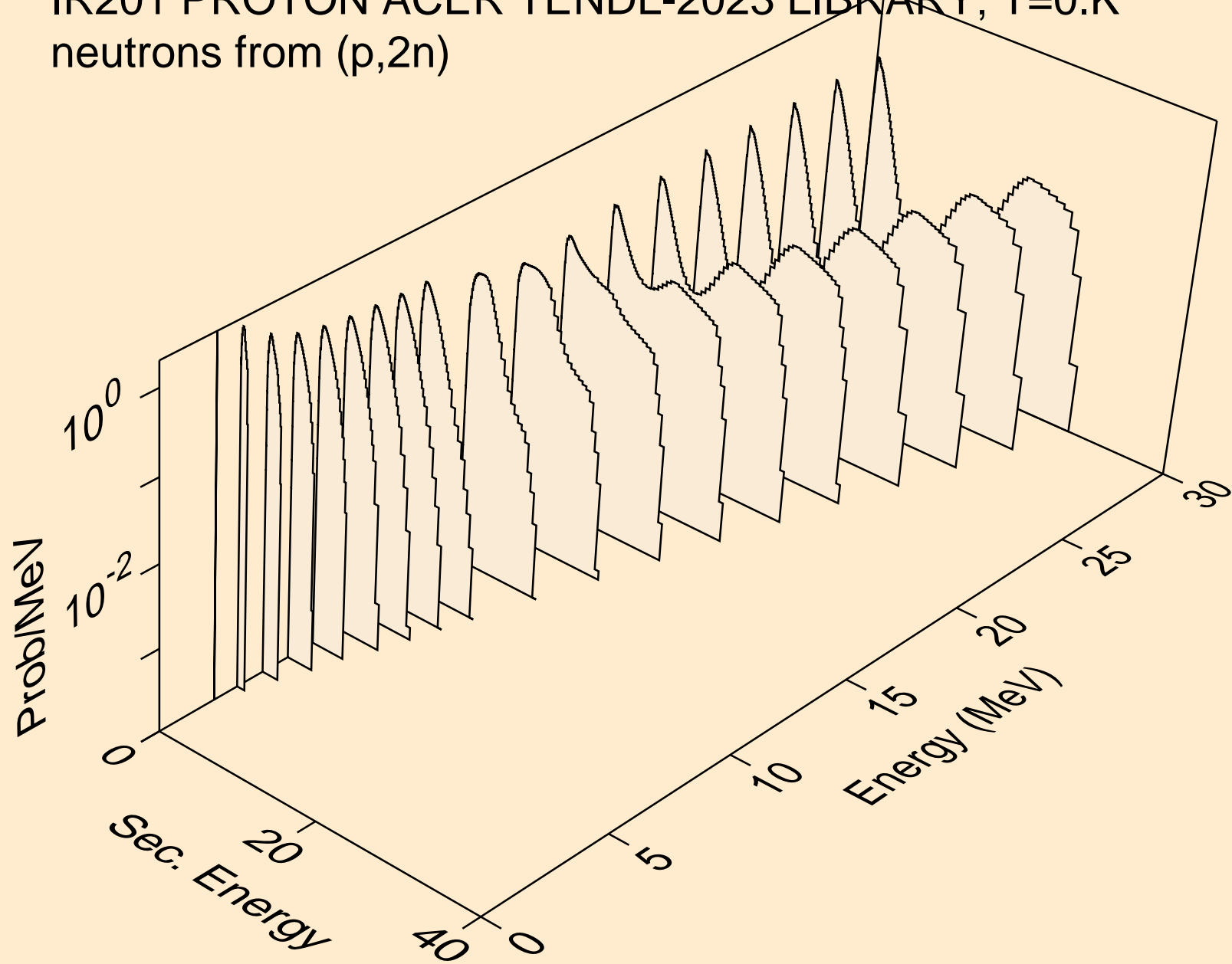
IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)



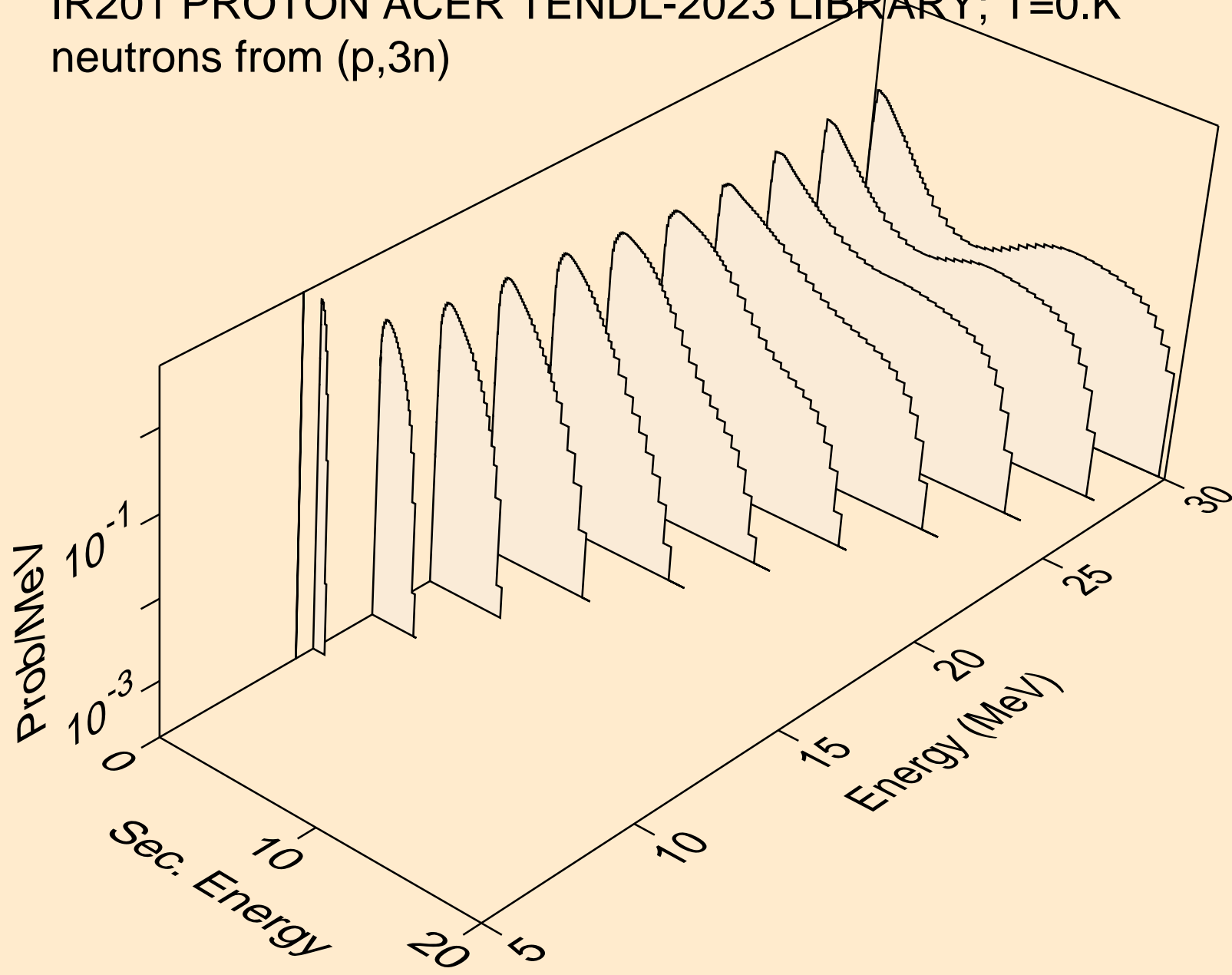
IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2nd)



IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)

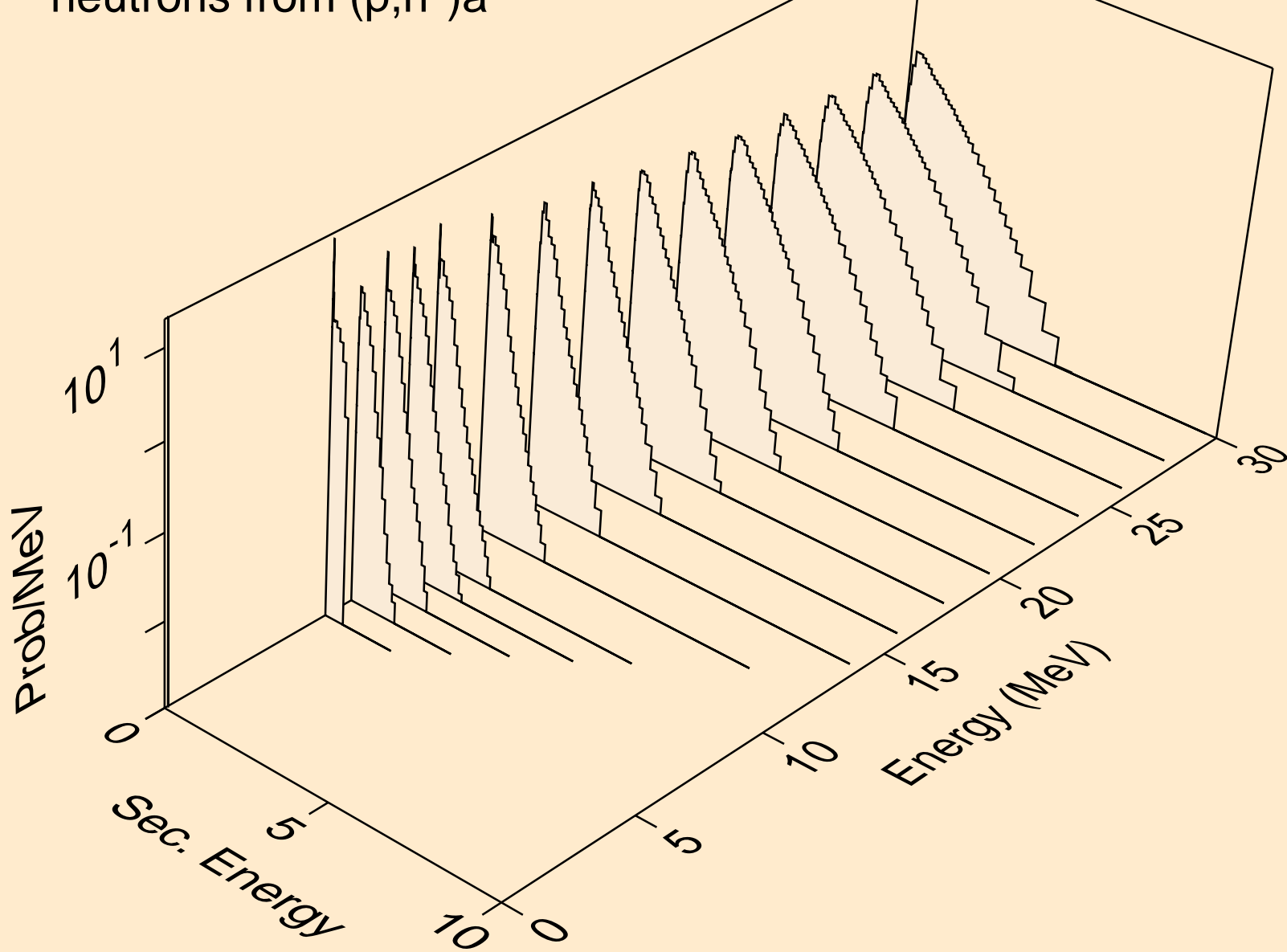


IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)

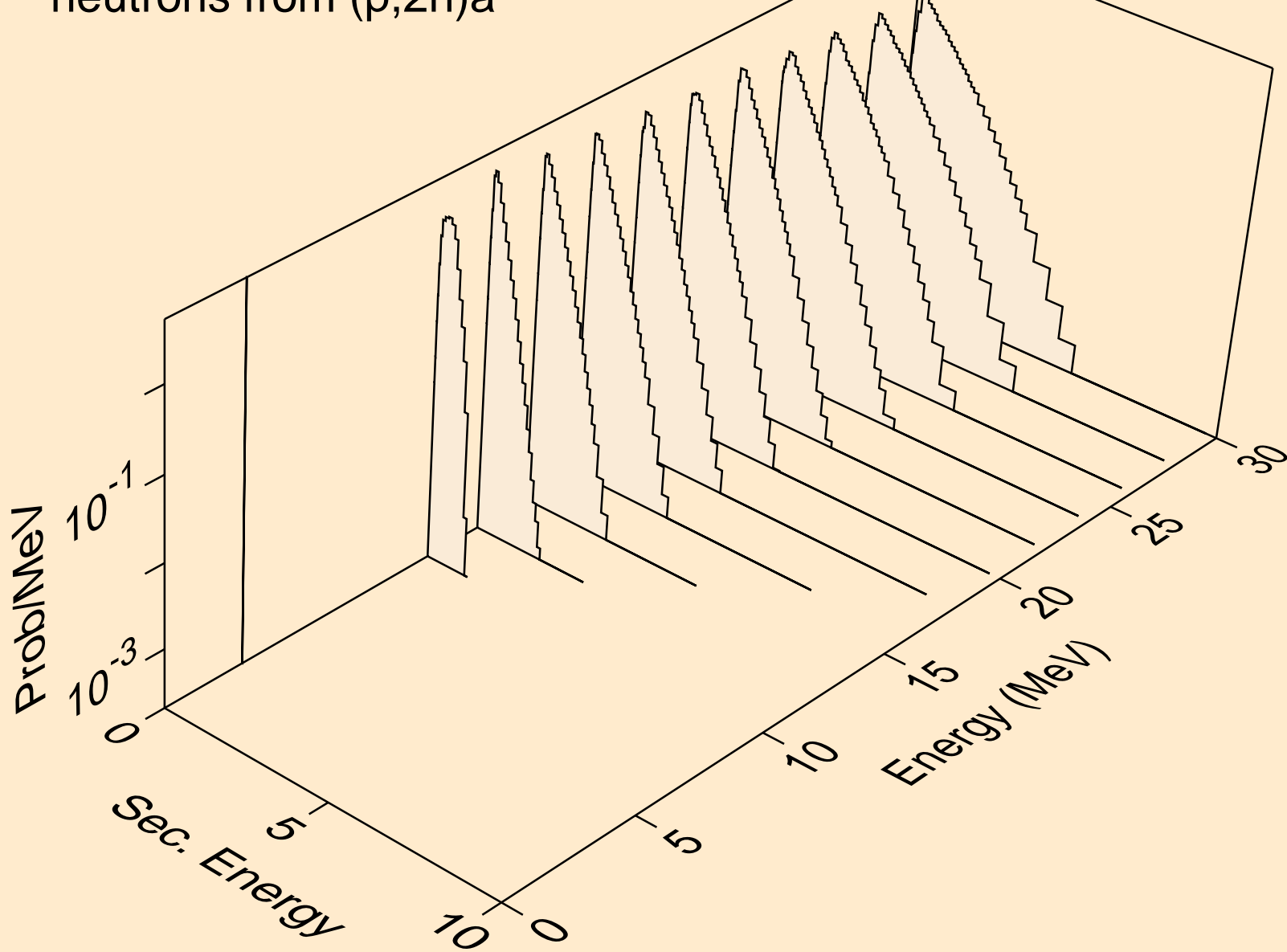




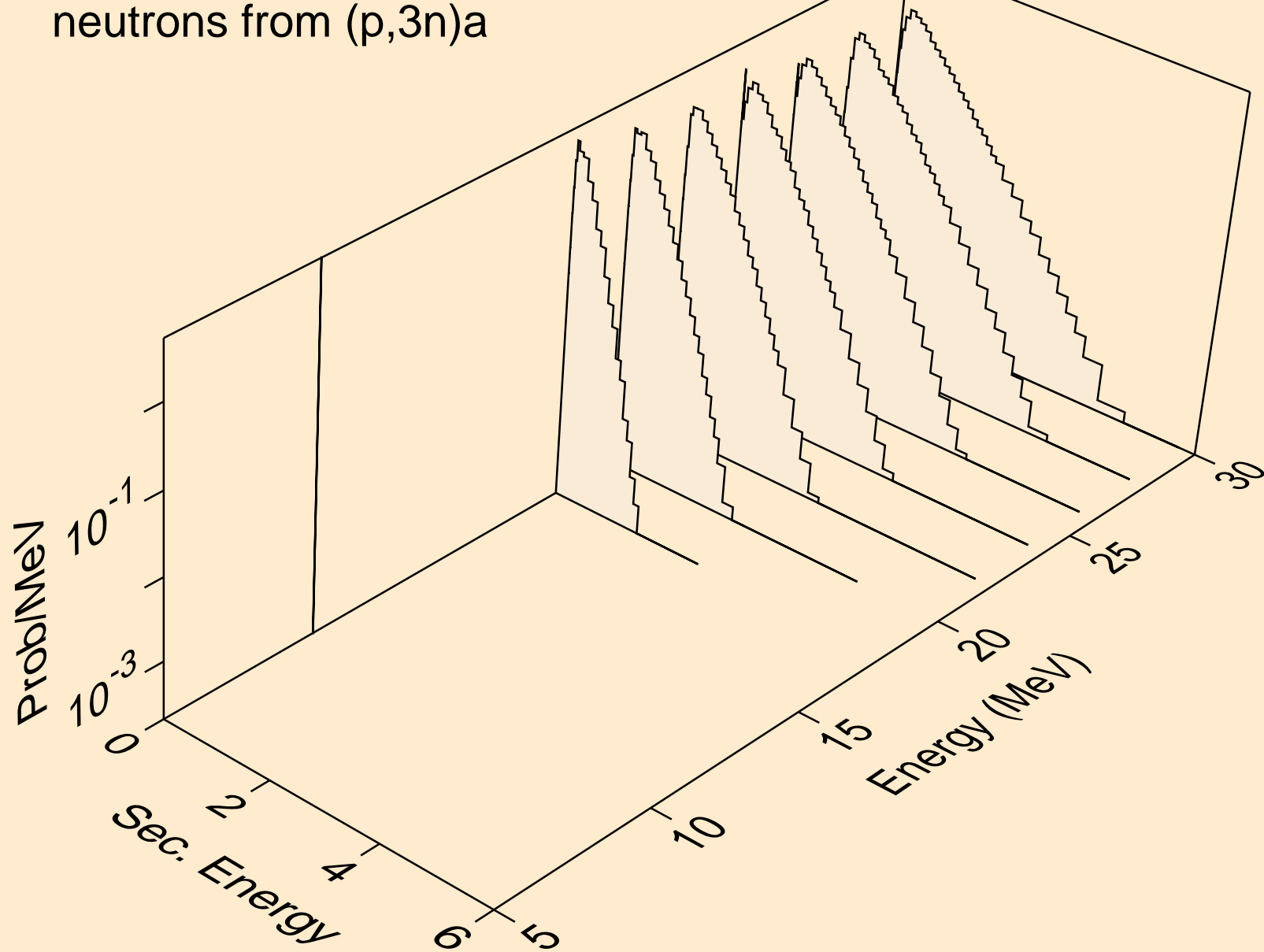
IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



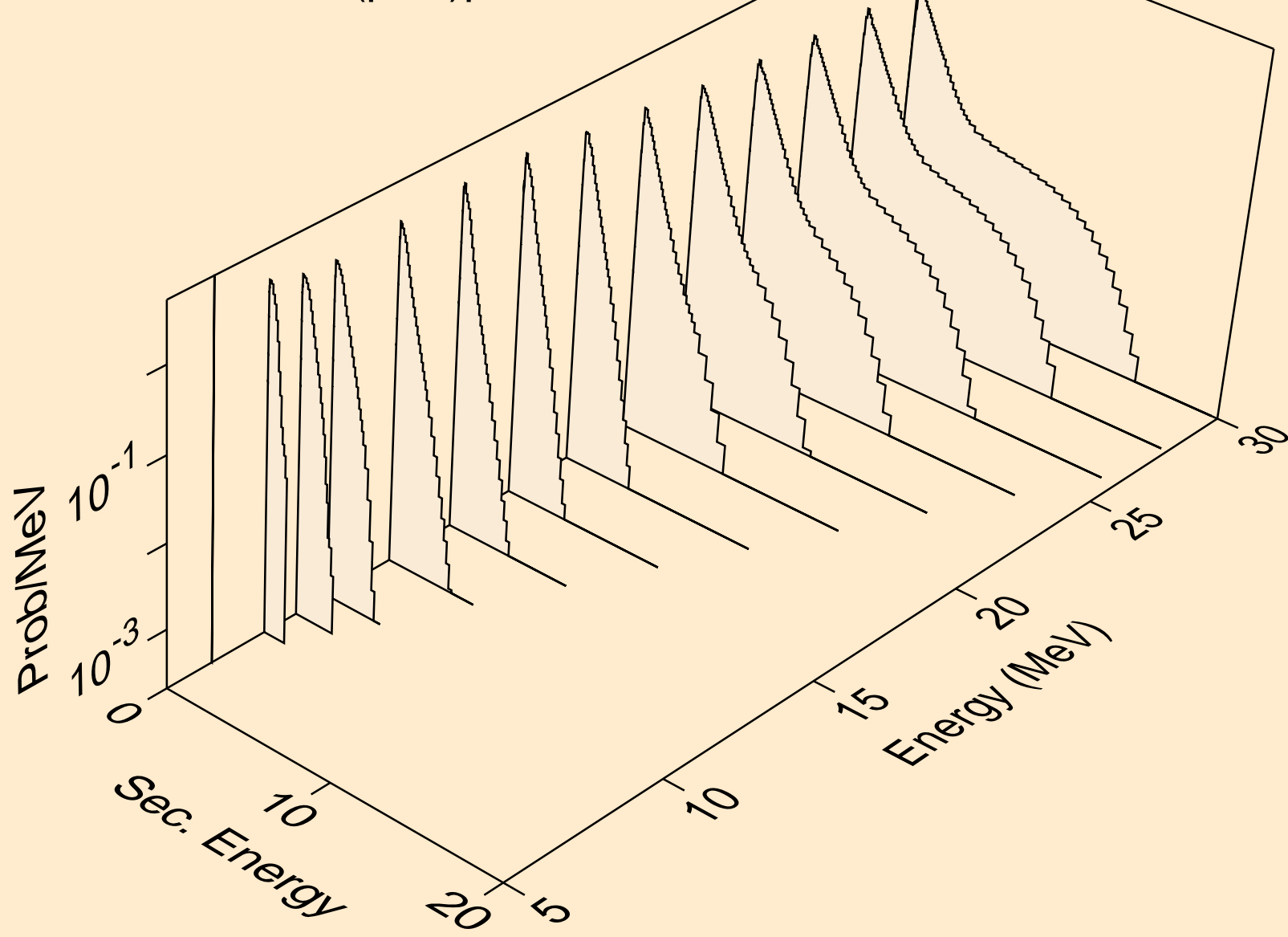
IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)a



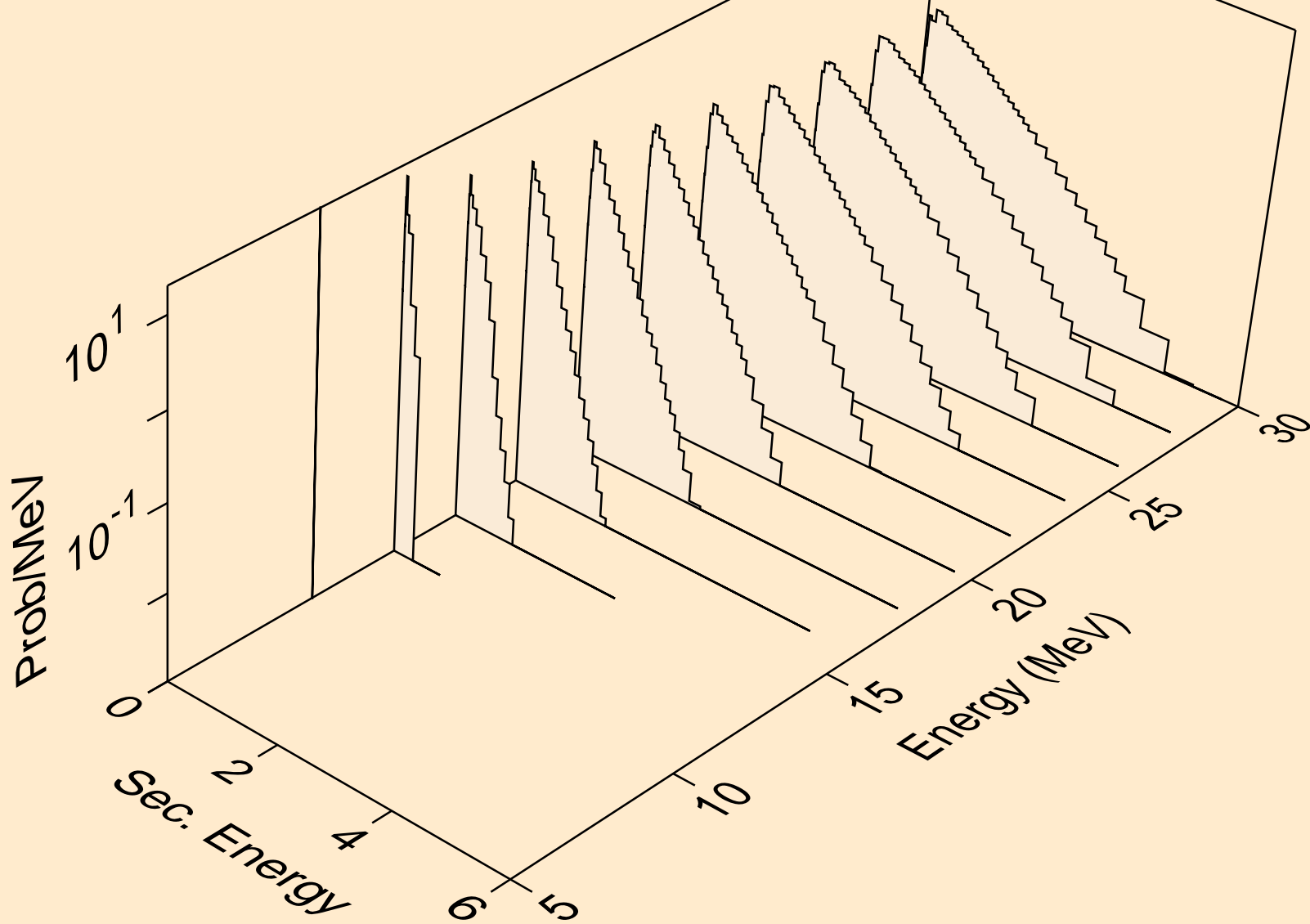
IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)a



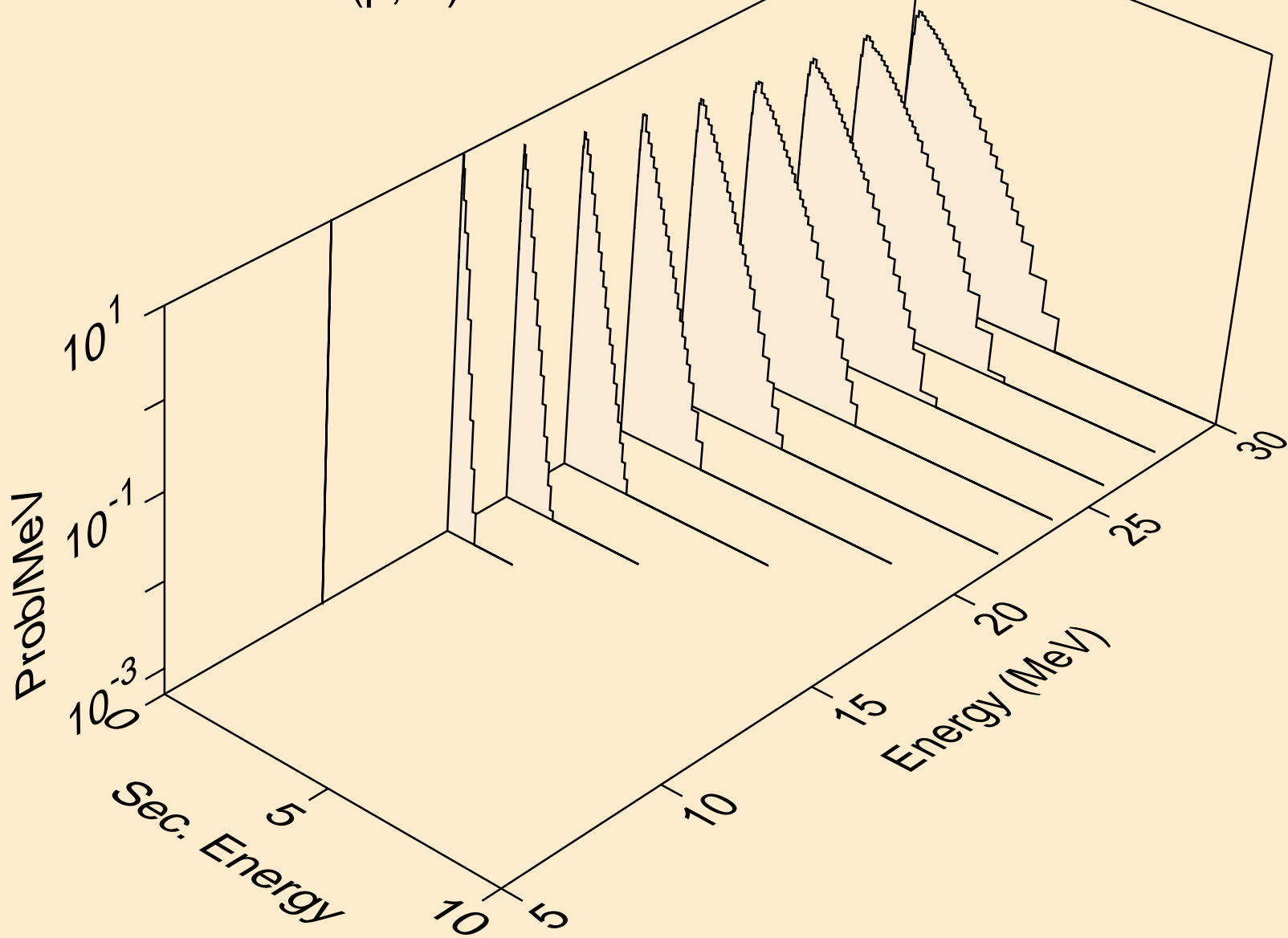
IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)p



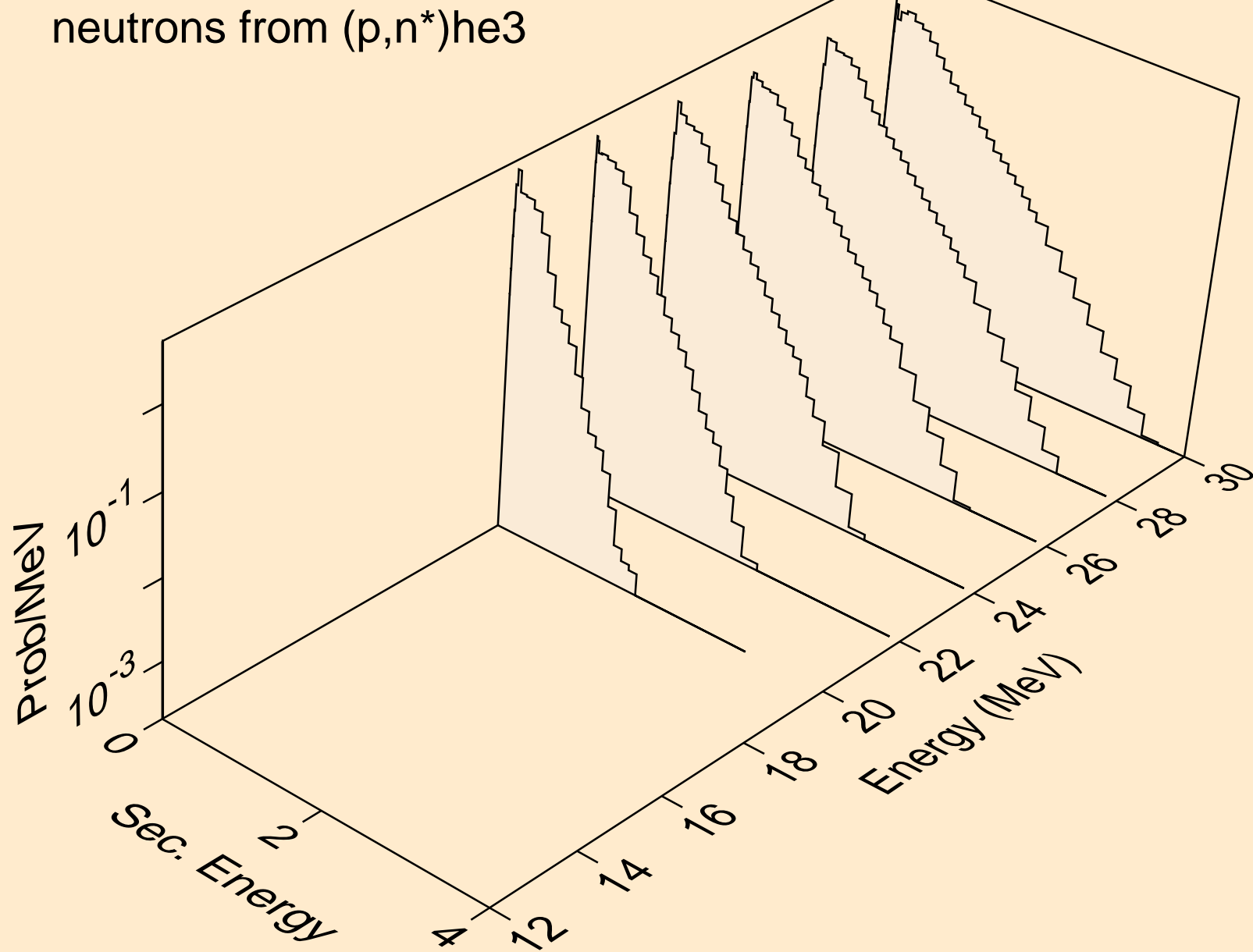
IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)d



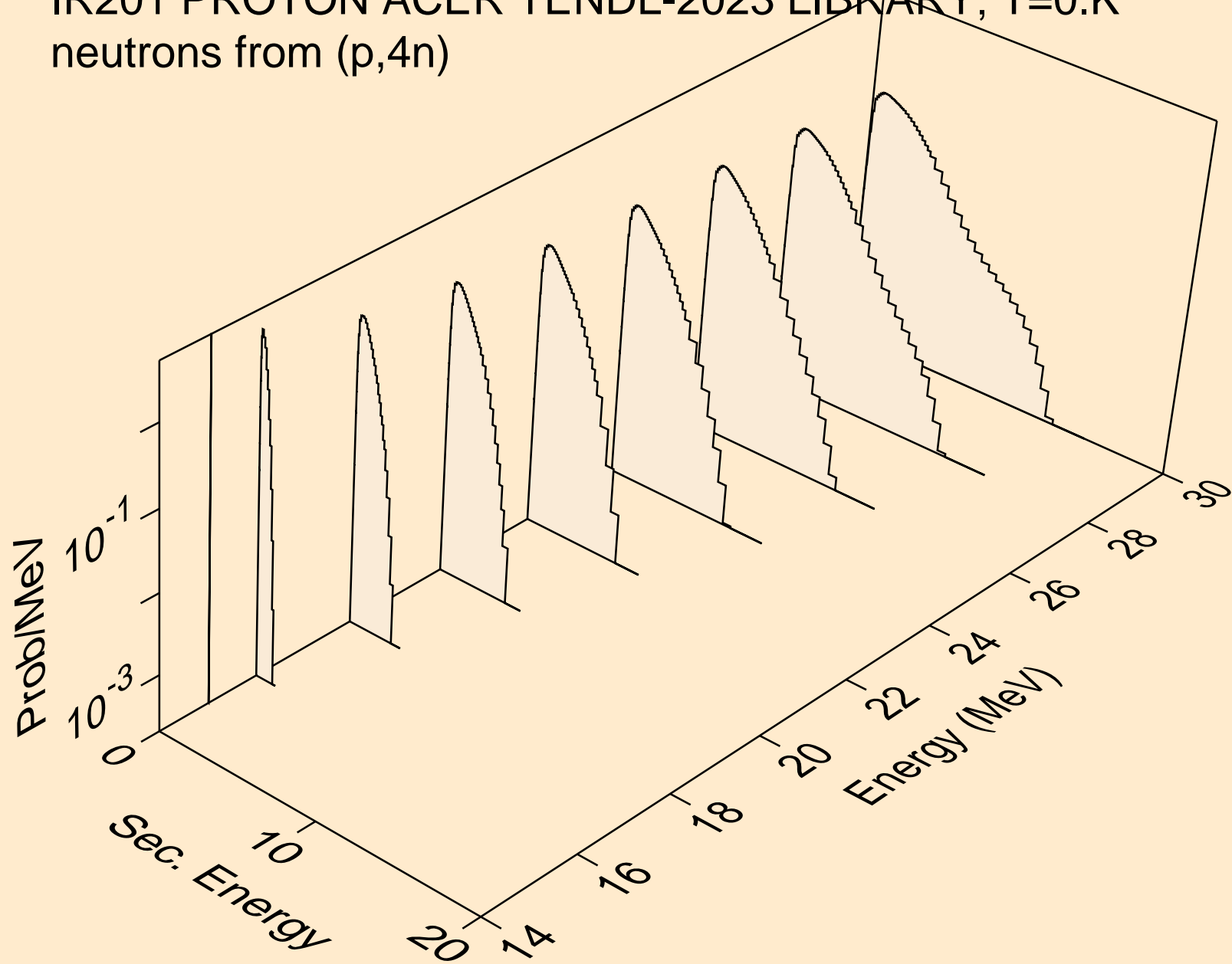
IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)t



IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3

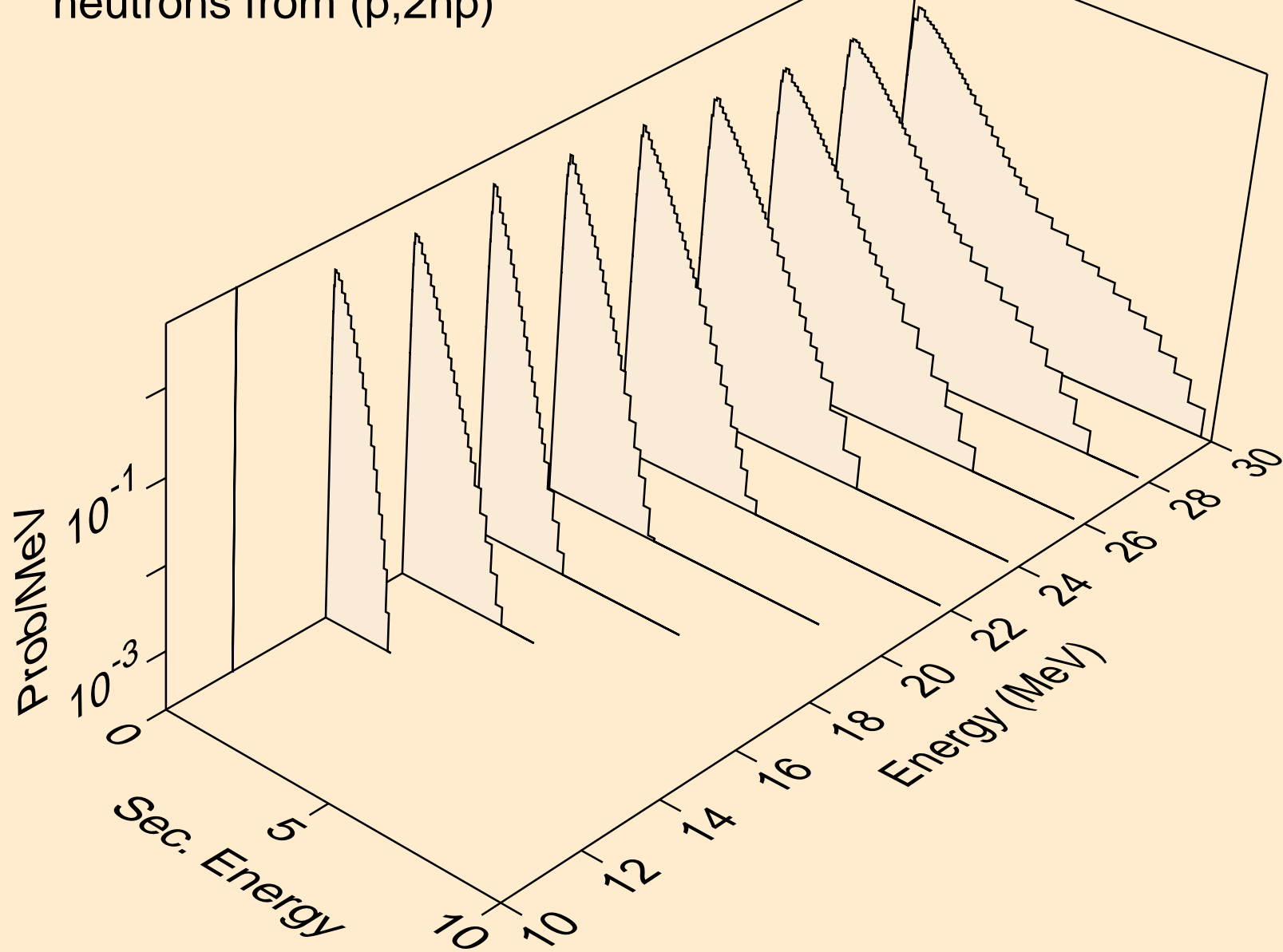


IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,4n)

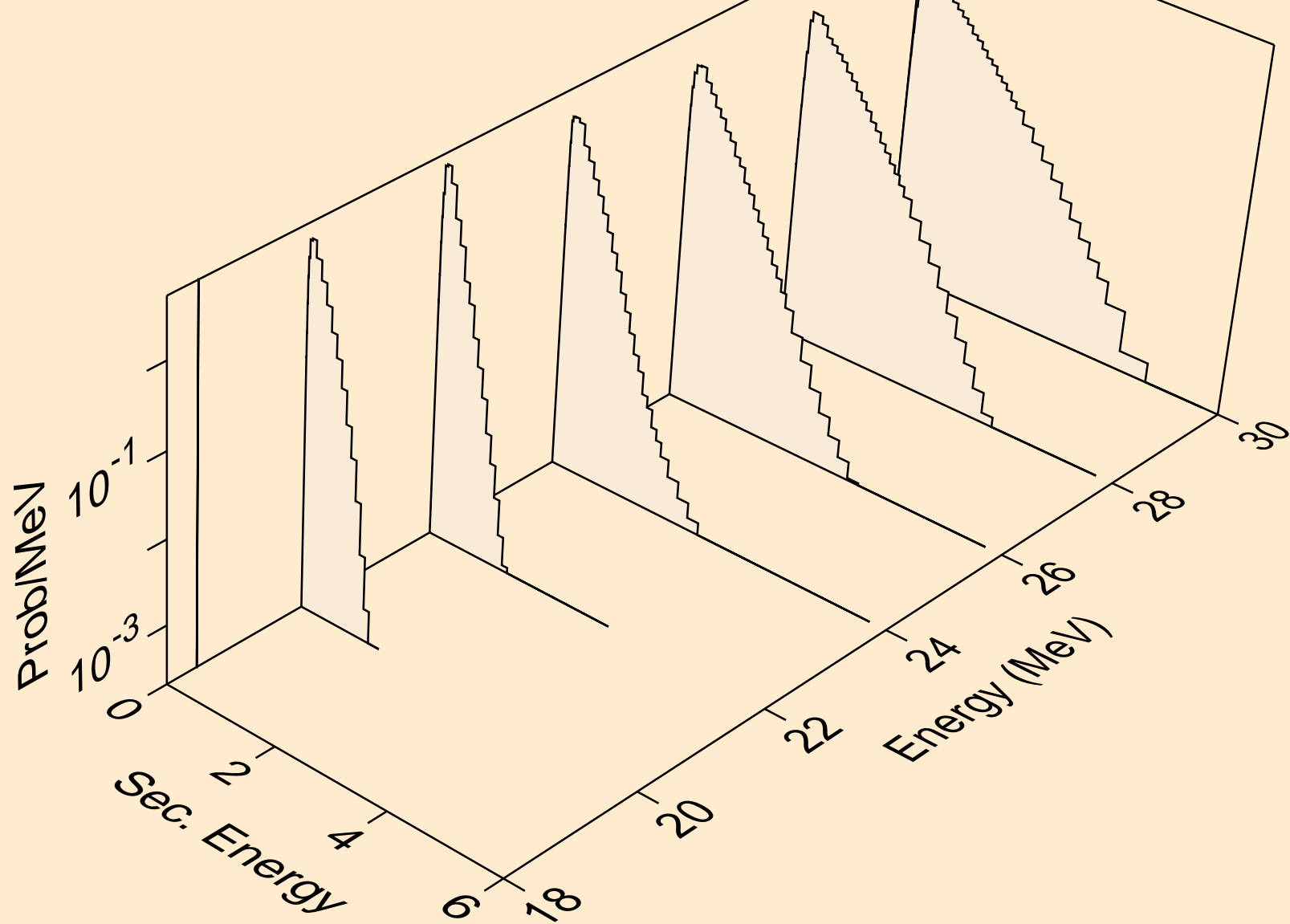




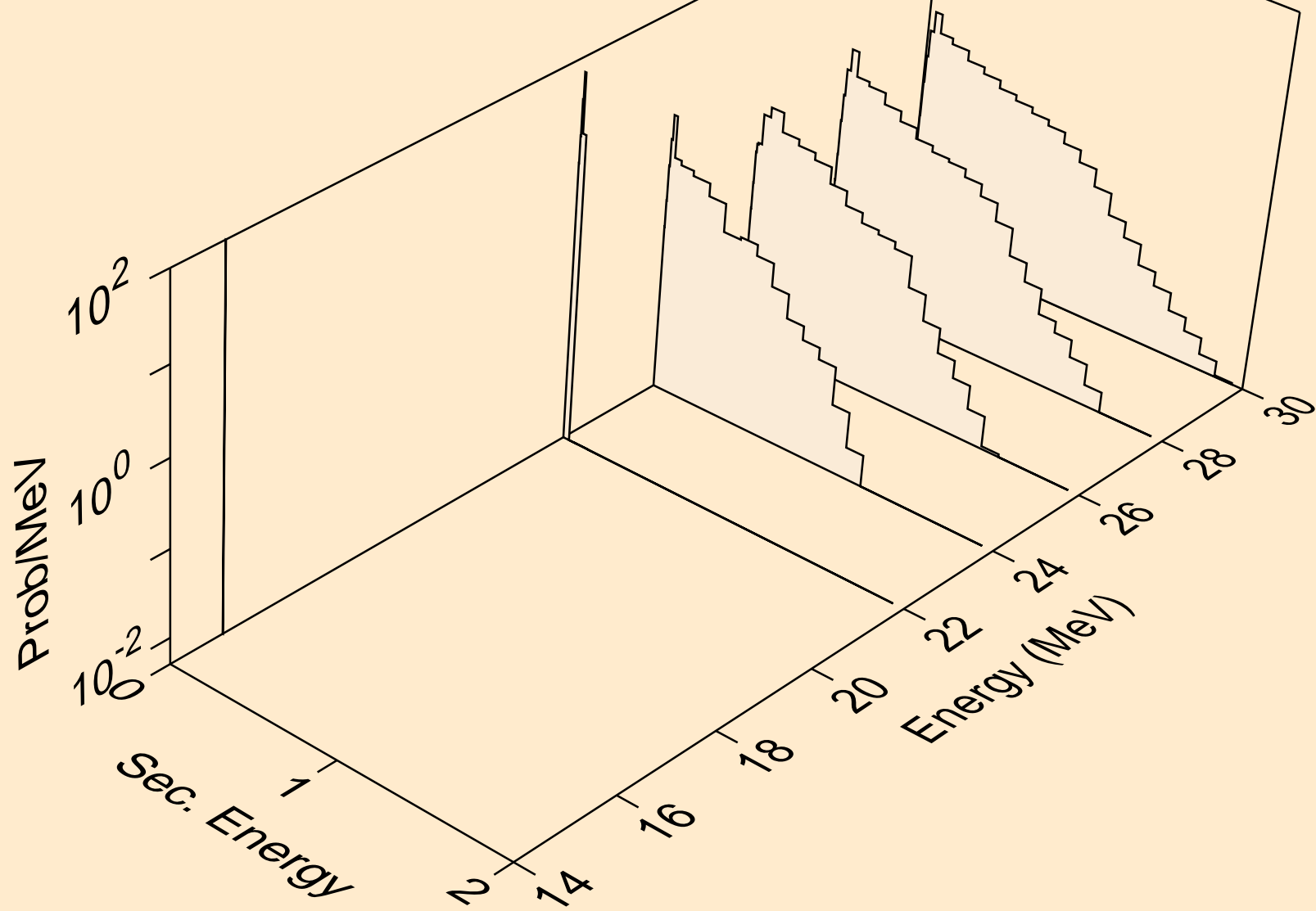
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neutrons from (p,2np)



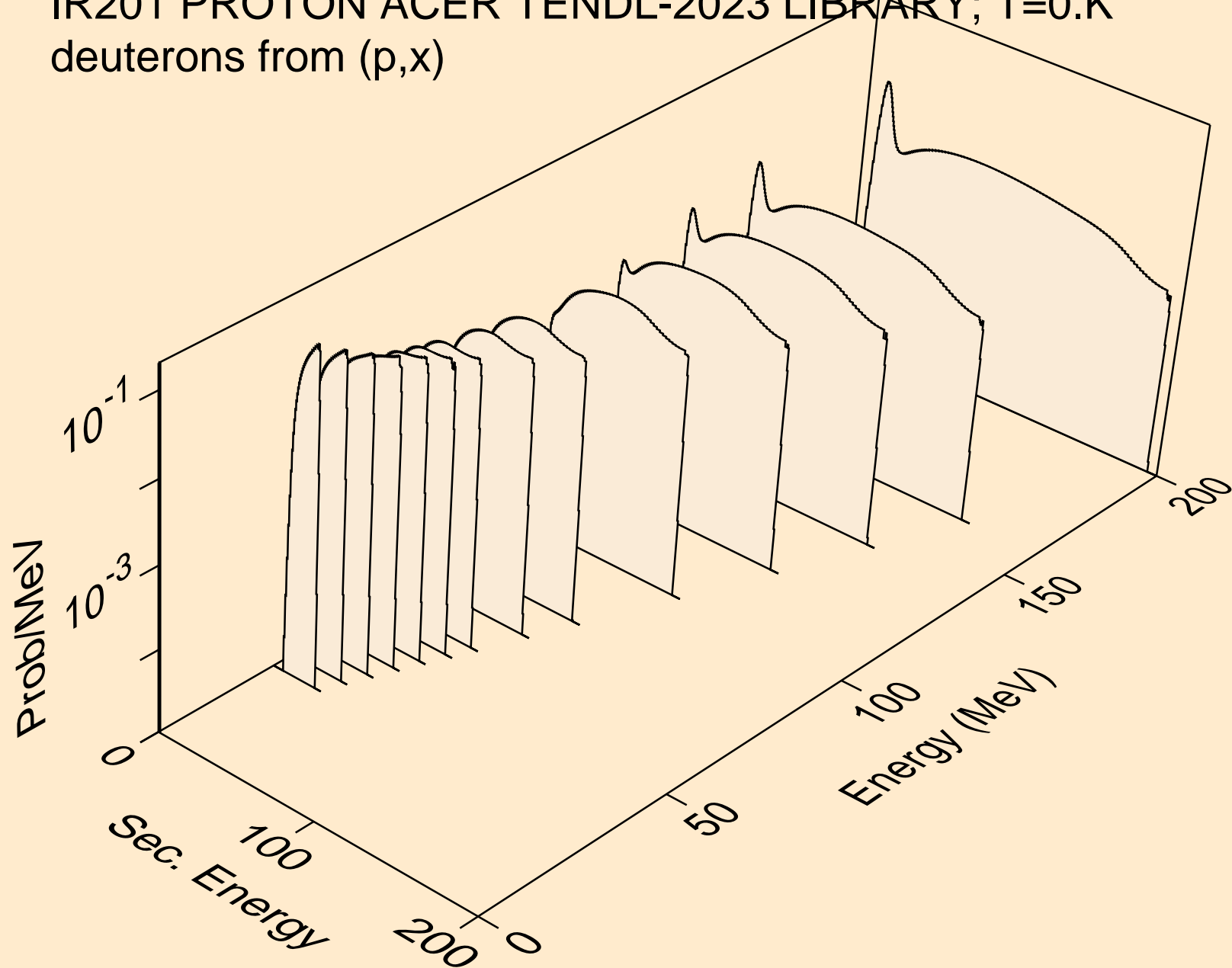
IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3np)



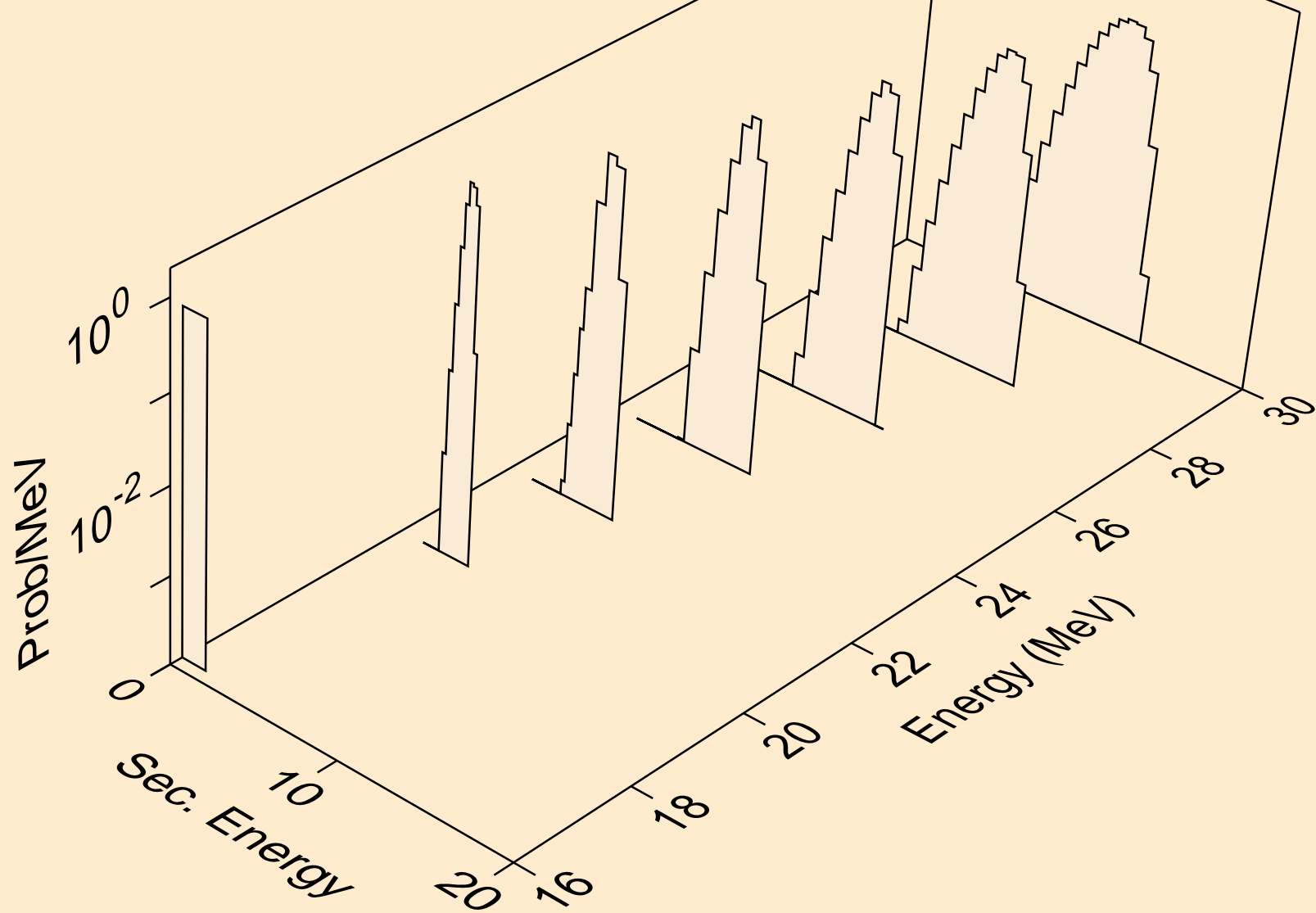
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neutrons from (p,n2p)



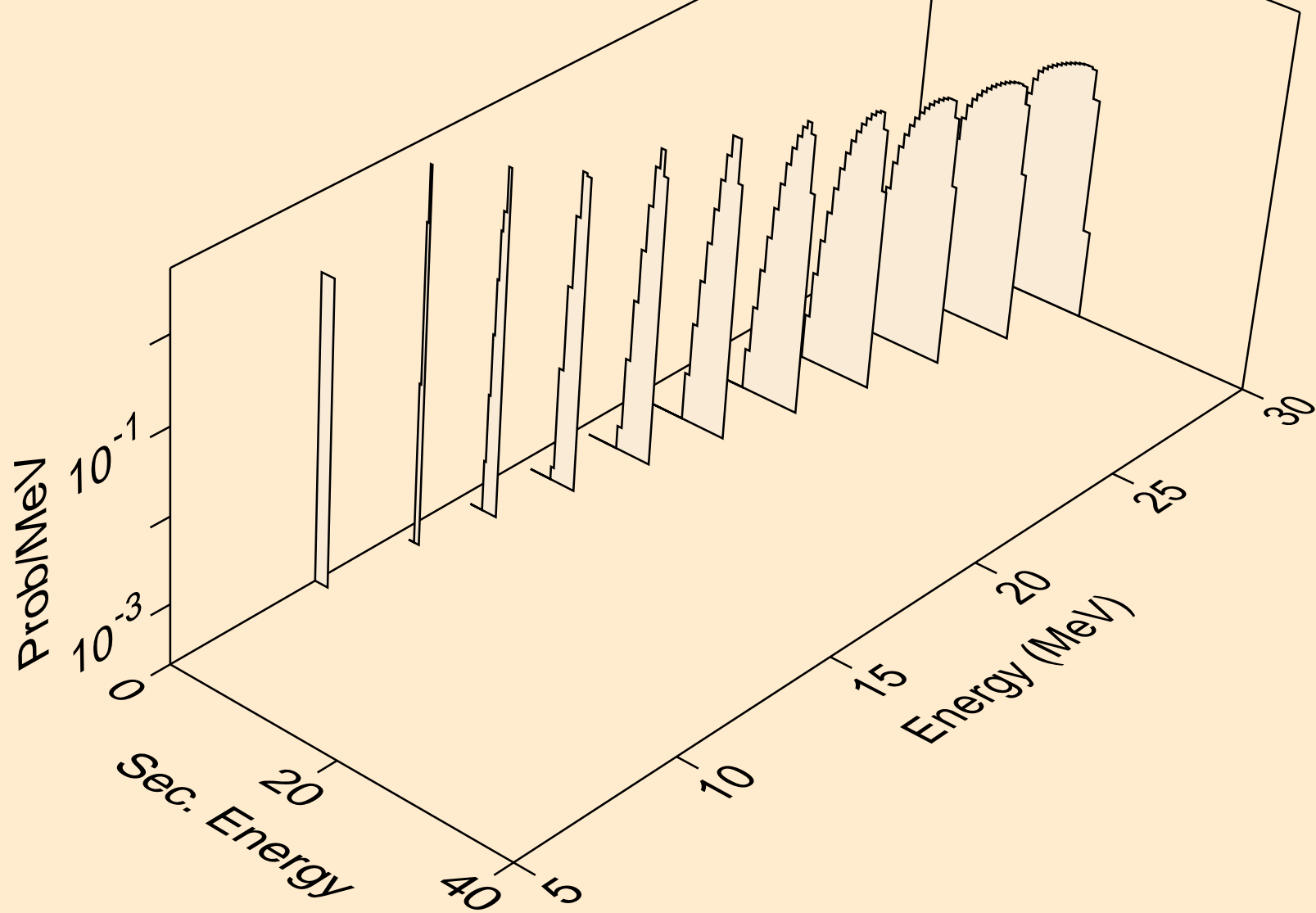
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deuterons from (p,x)



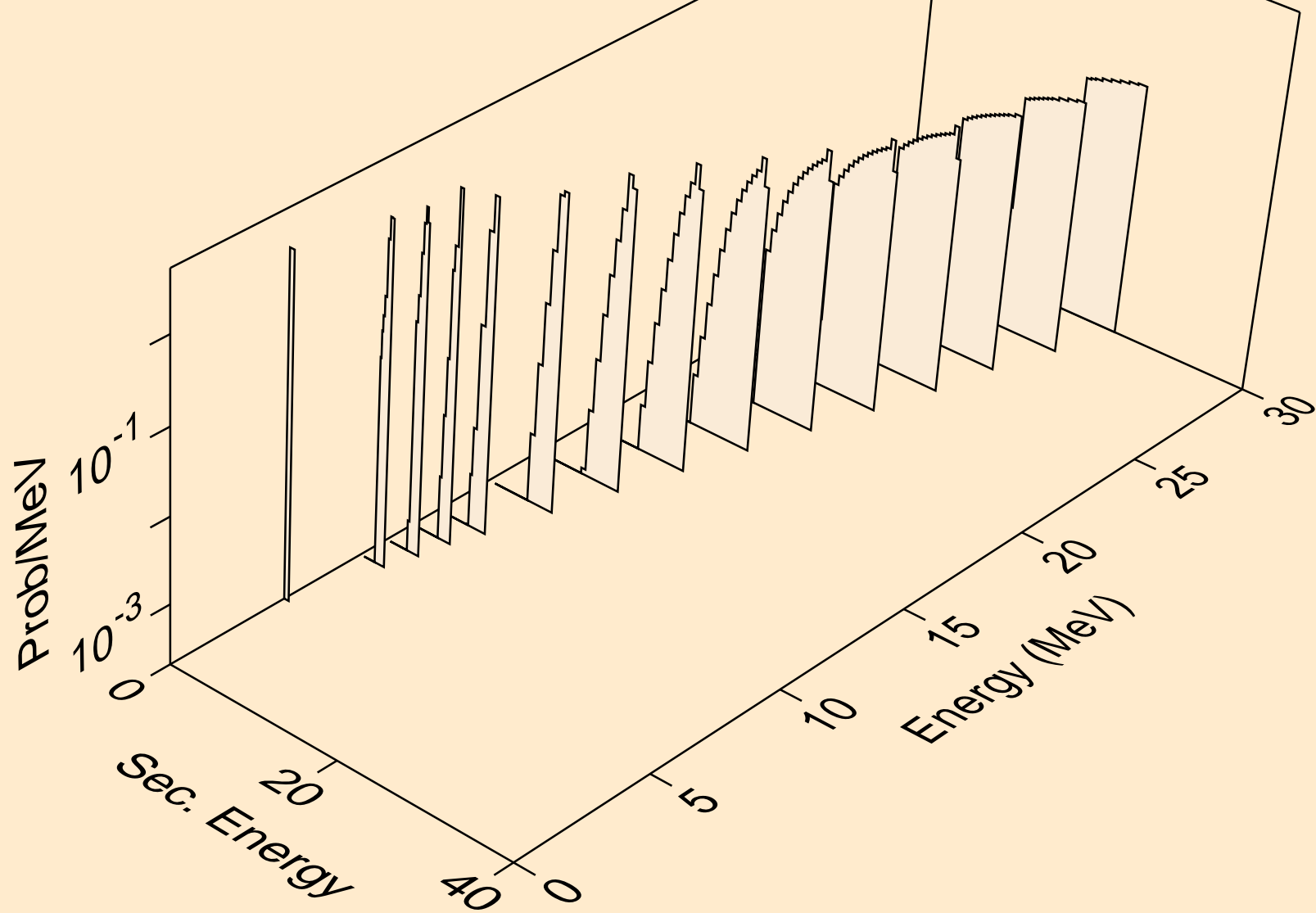
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deuterons from (p,2nd)



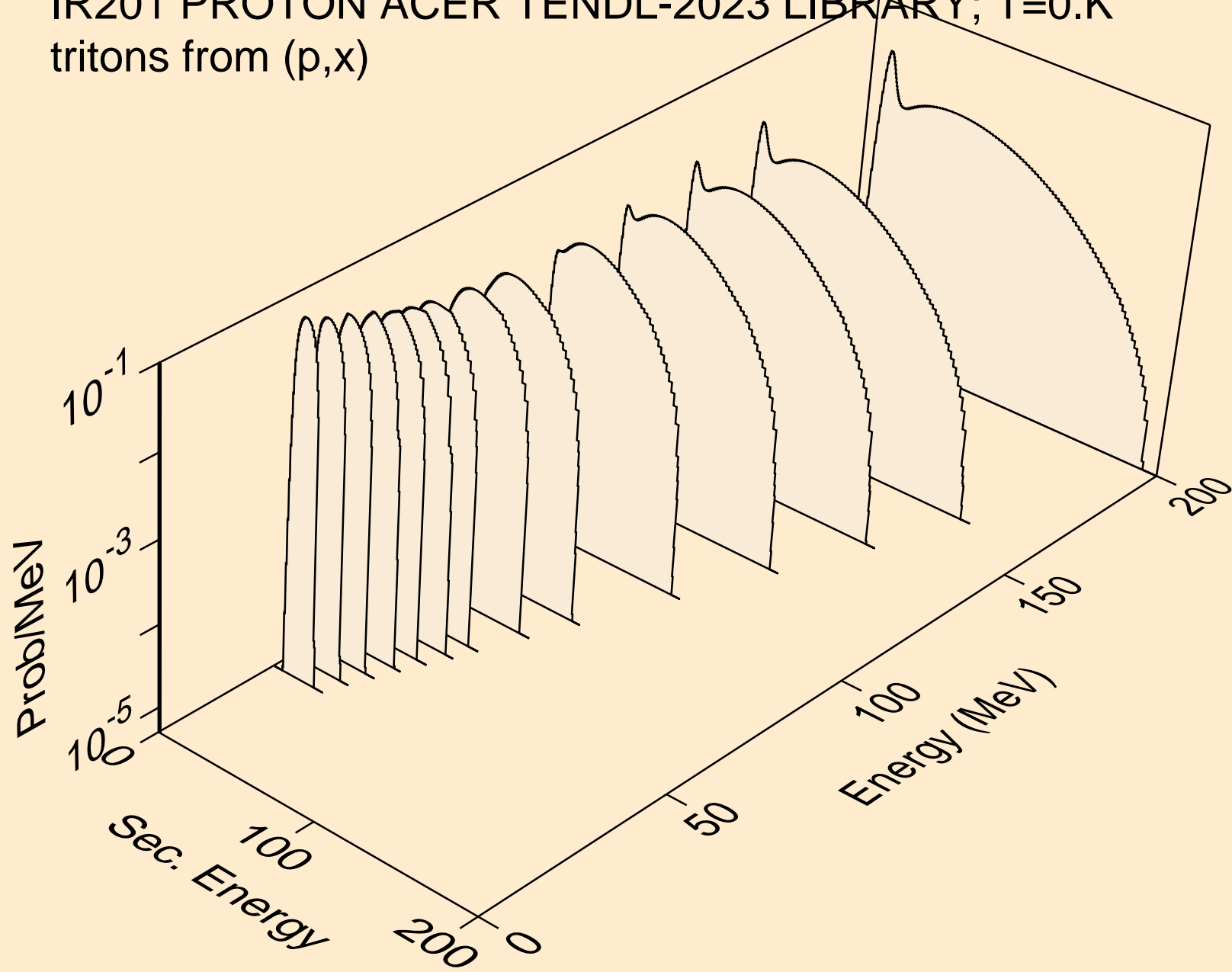
IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,n\*)d



IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,d)

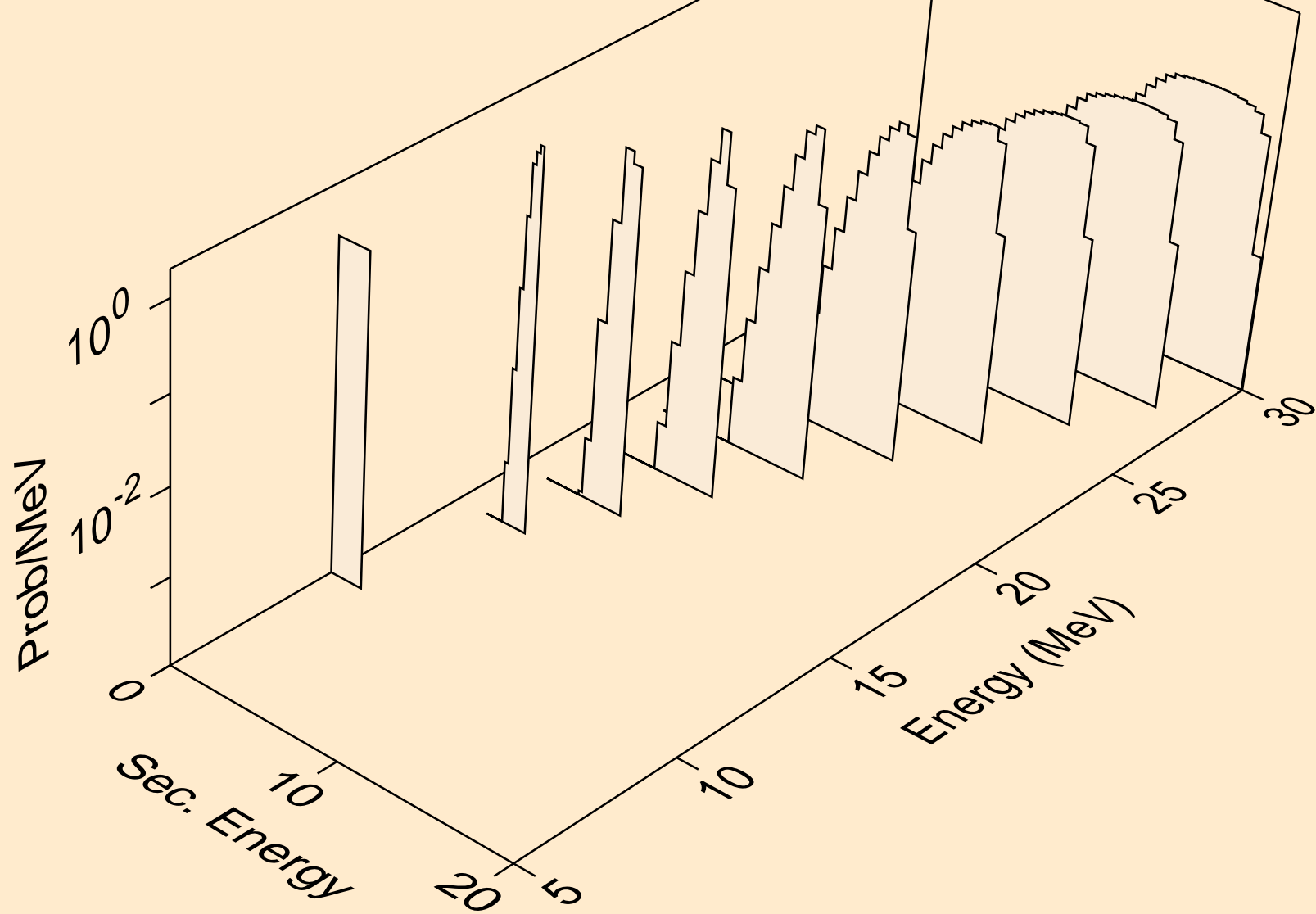


IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)

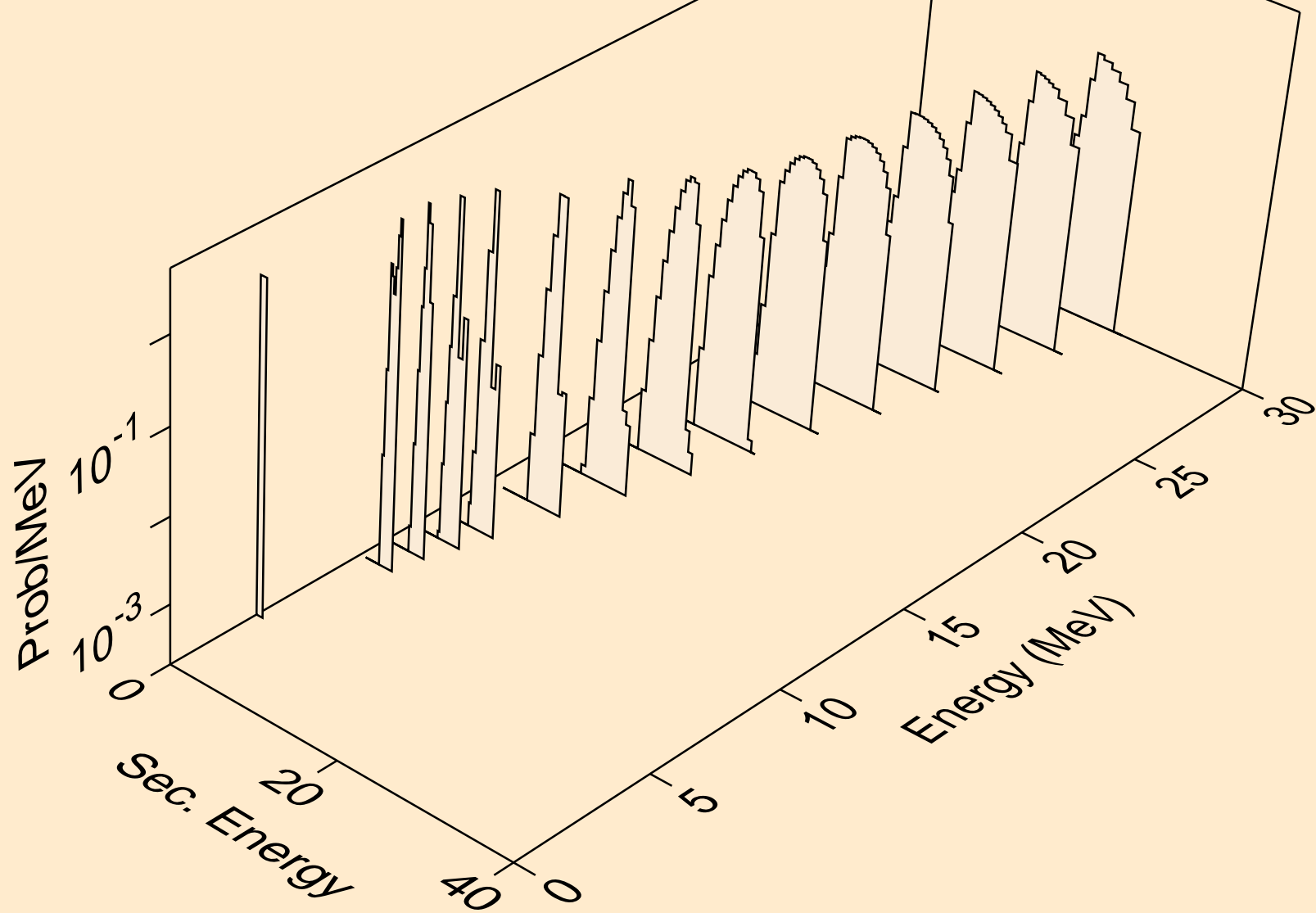




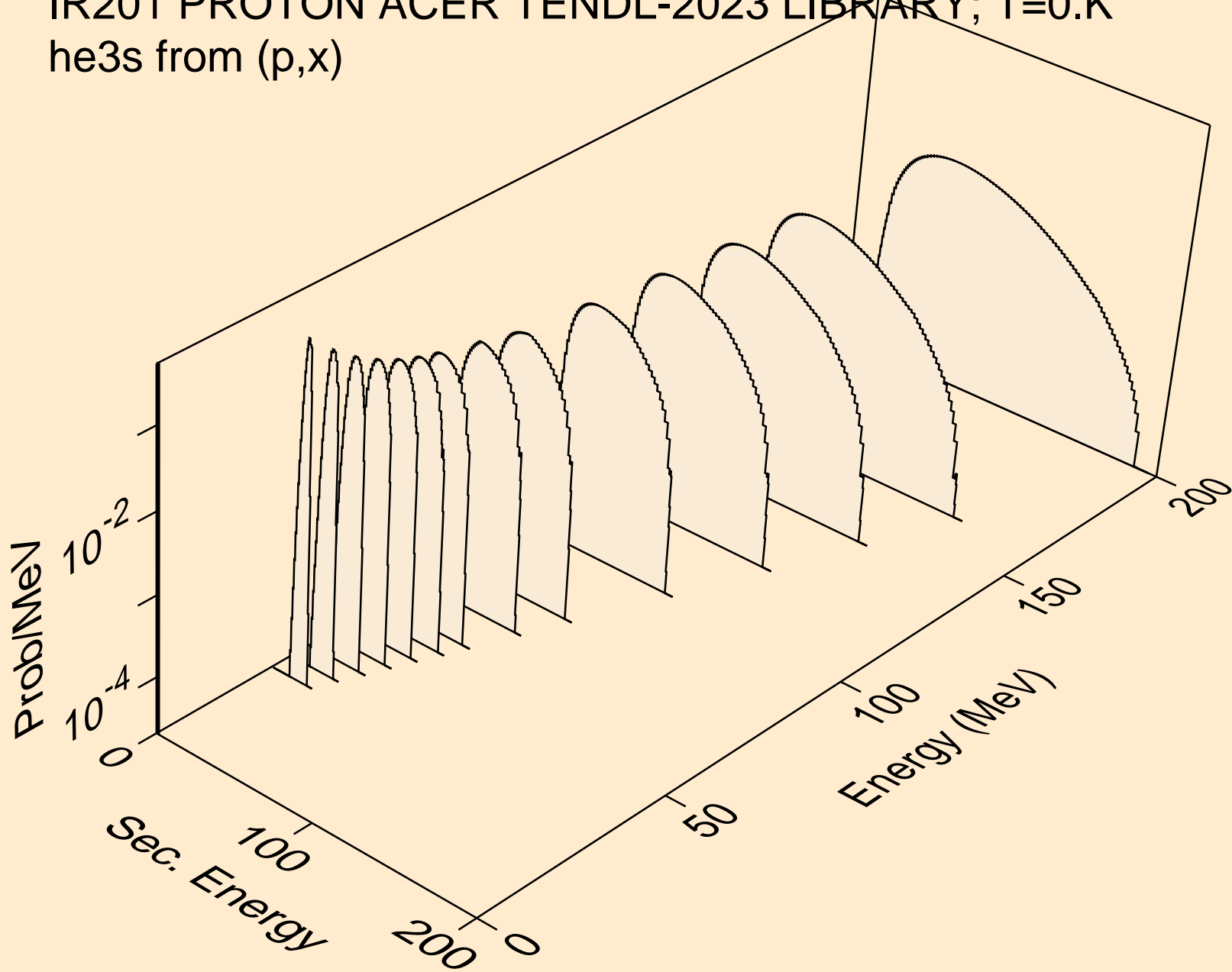
IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,n\*)t



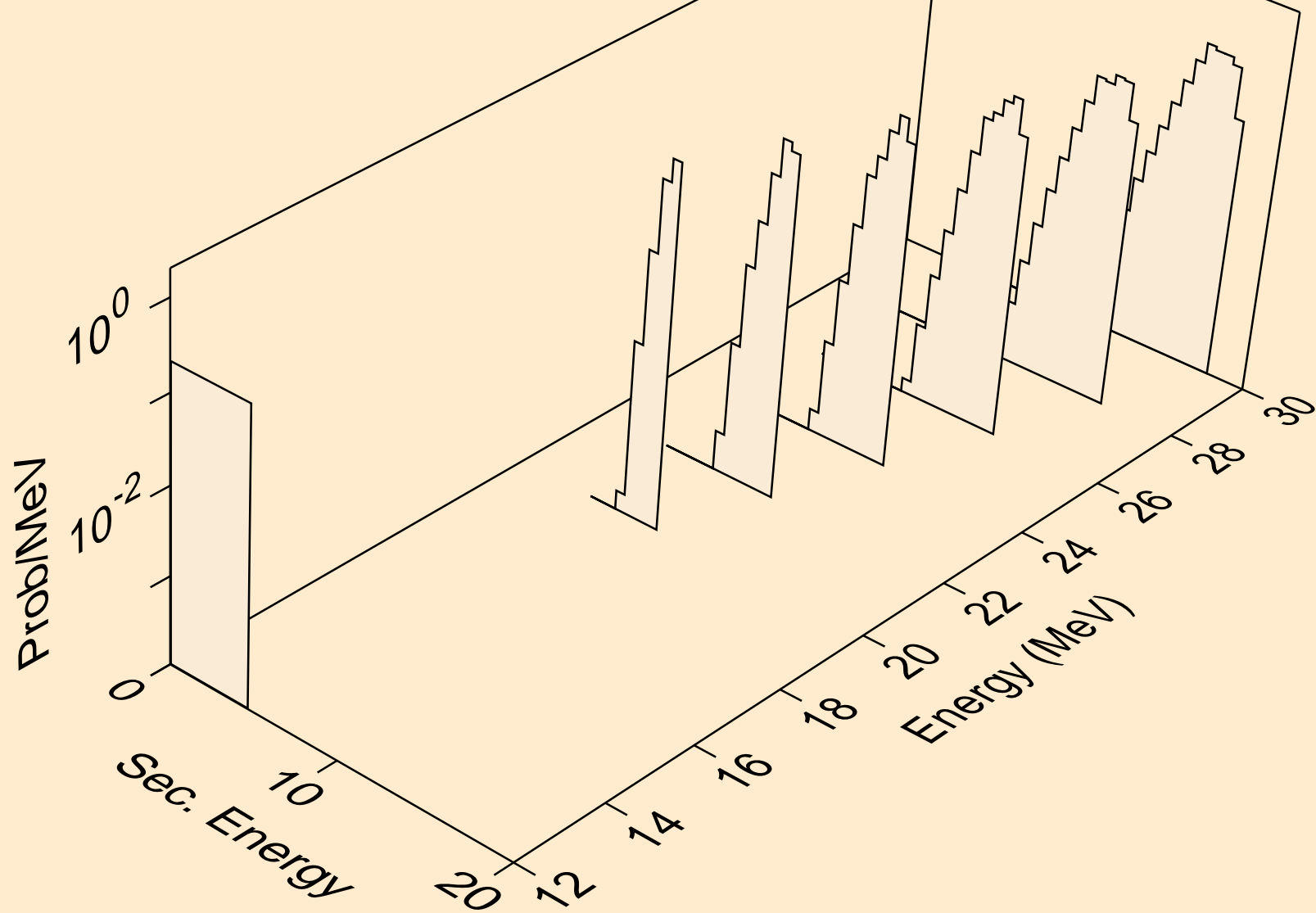
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tritons from (p,t)



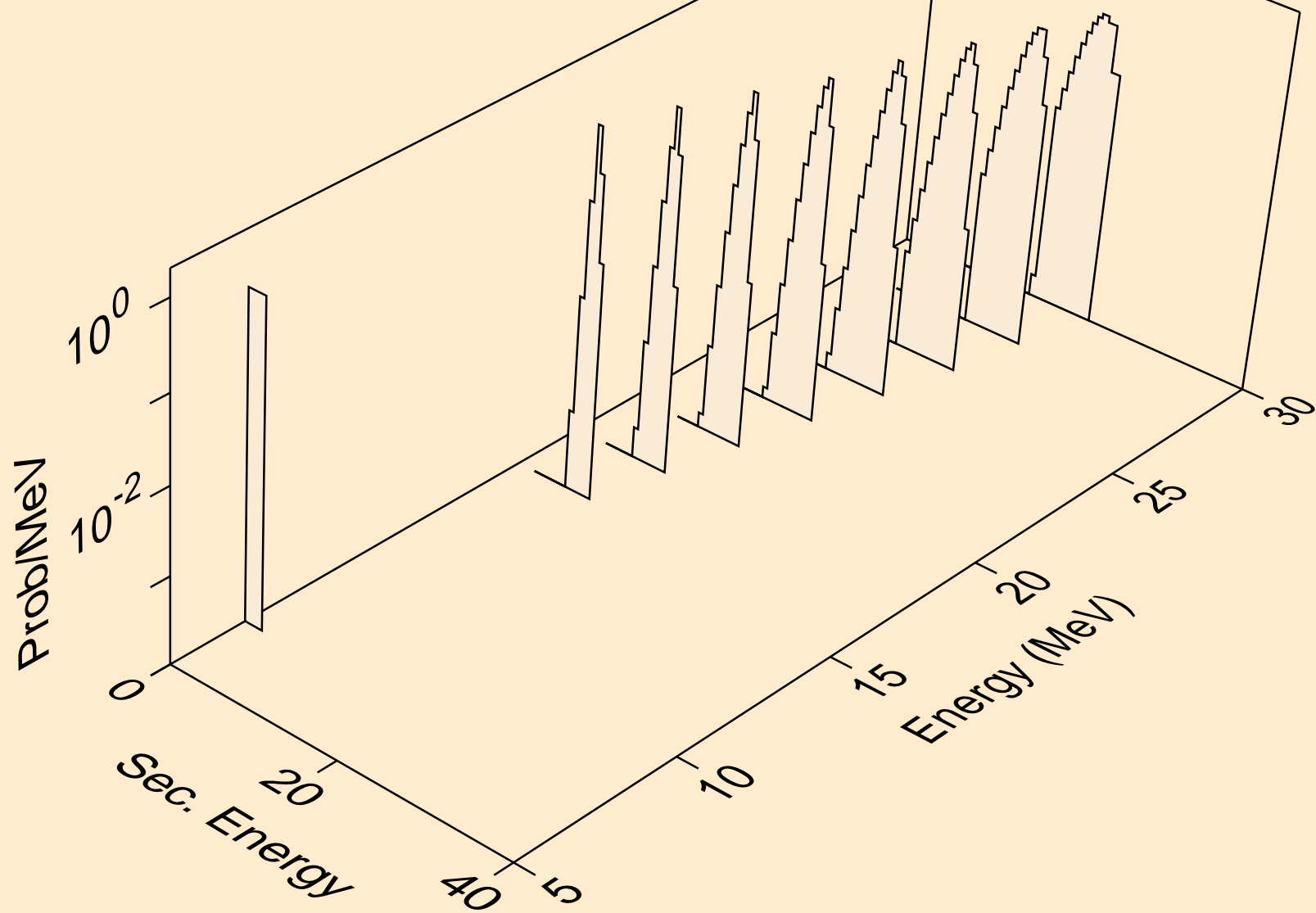
IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)



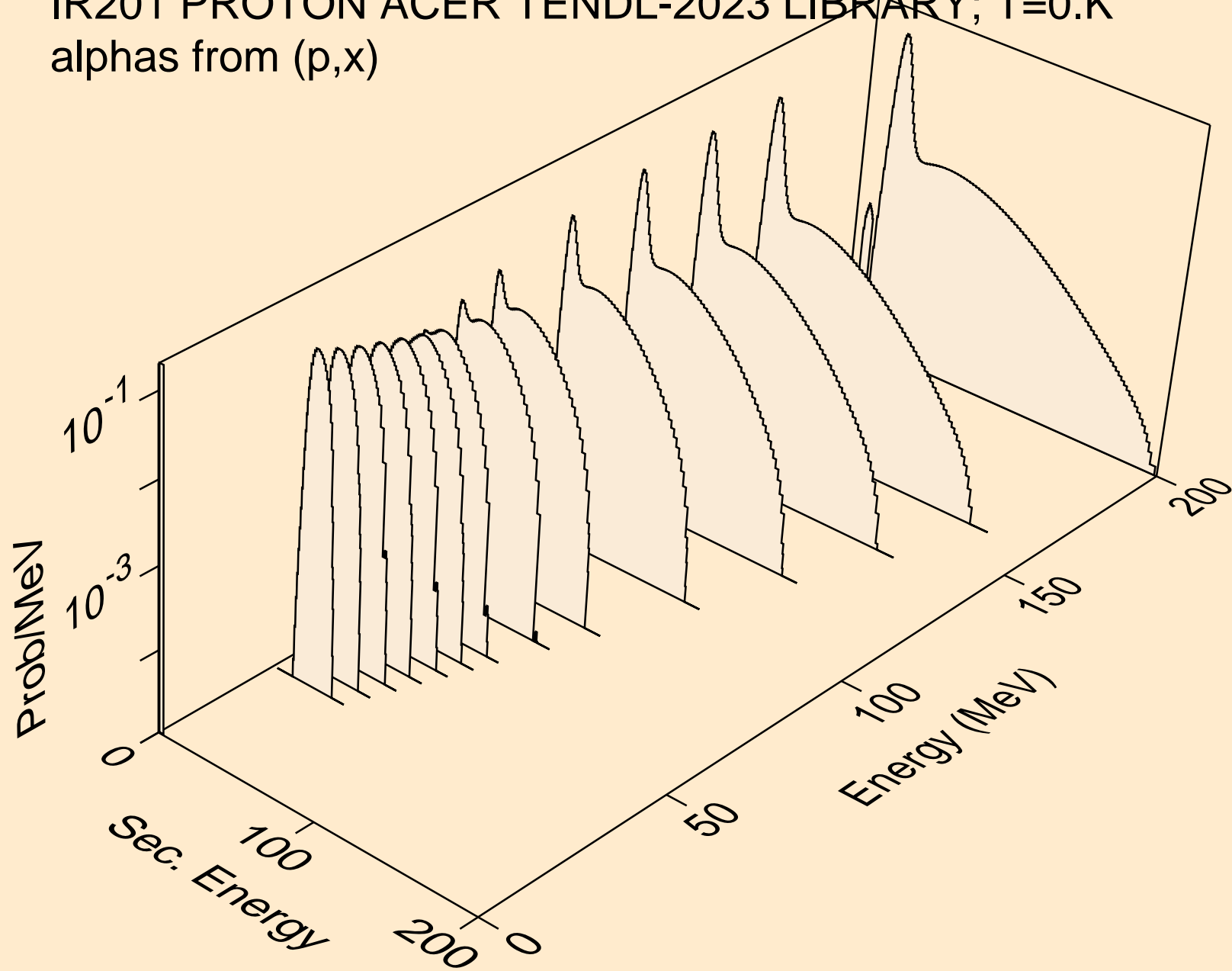
IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3



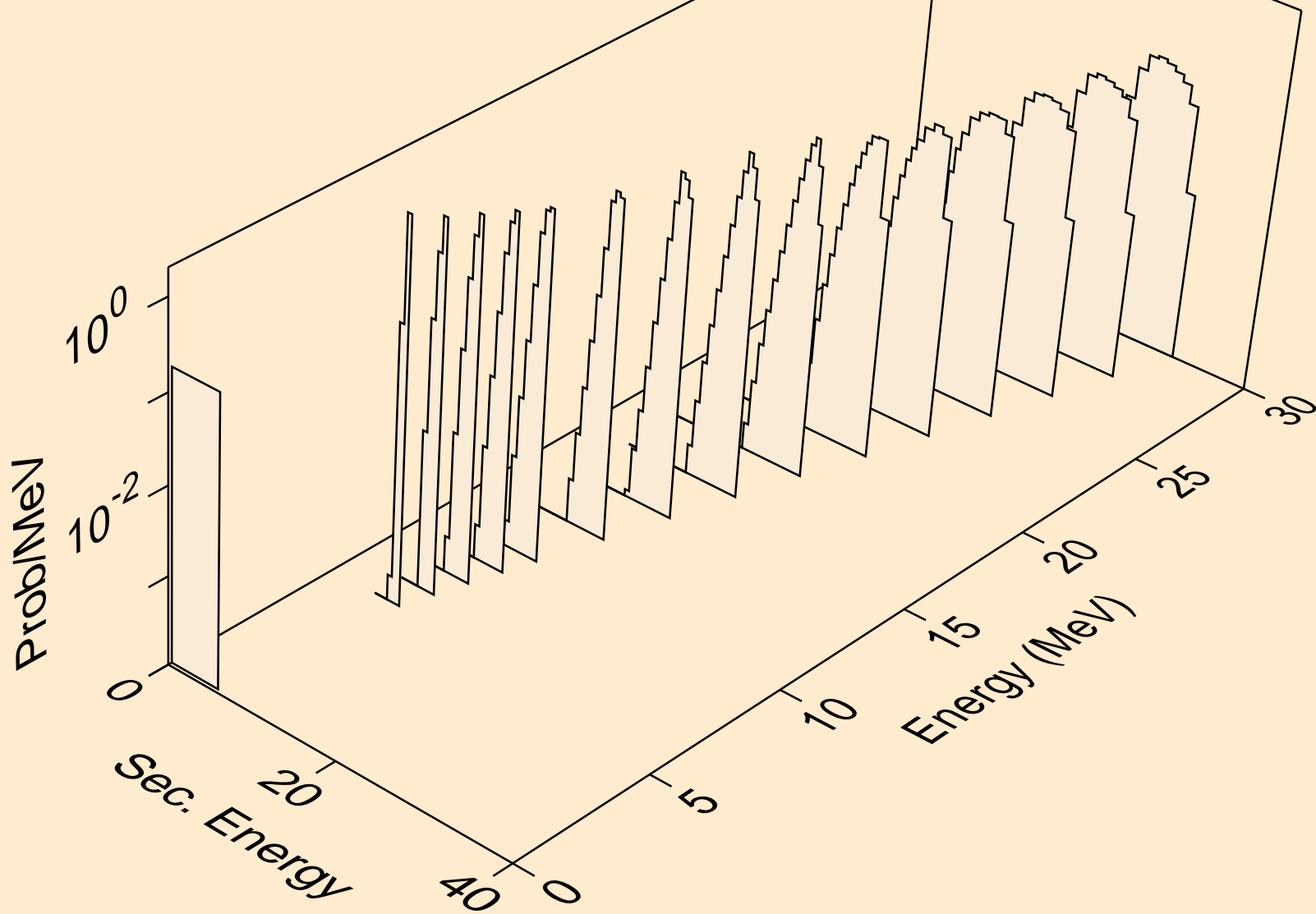
IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,he3)



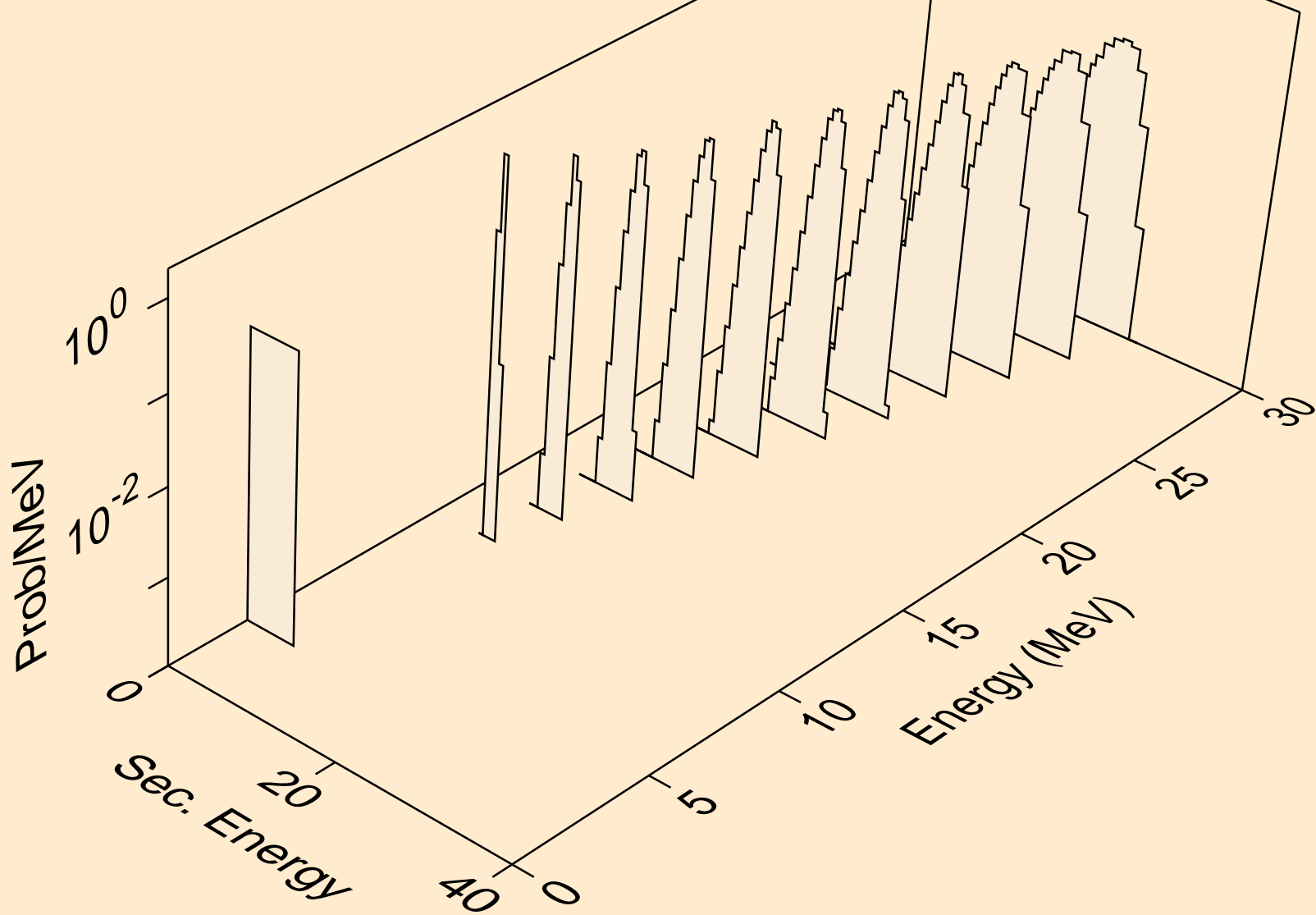
IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a

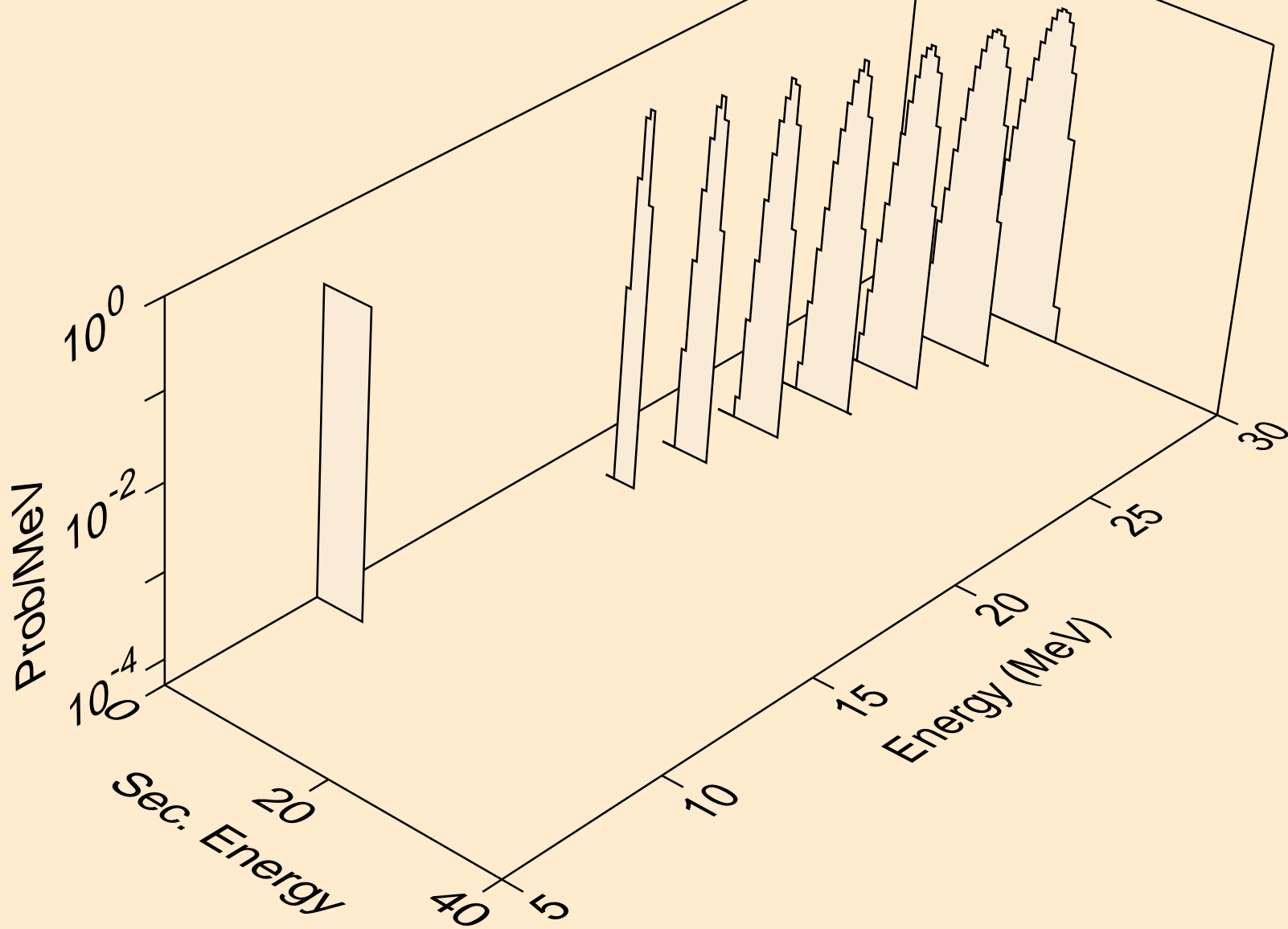


IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a





IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,3n)a



IR201 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)

