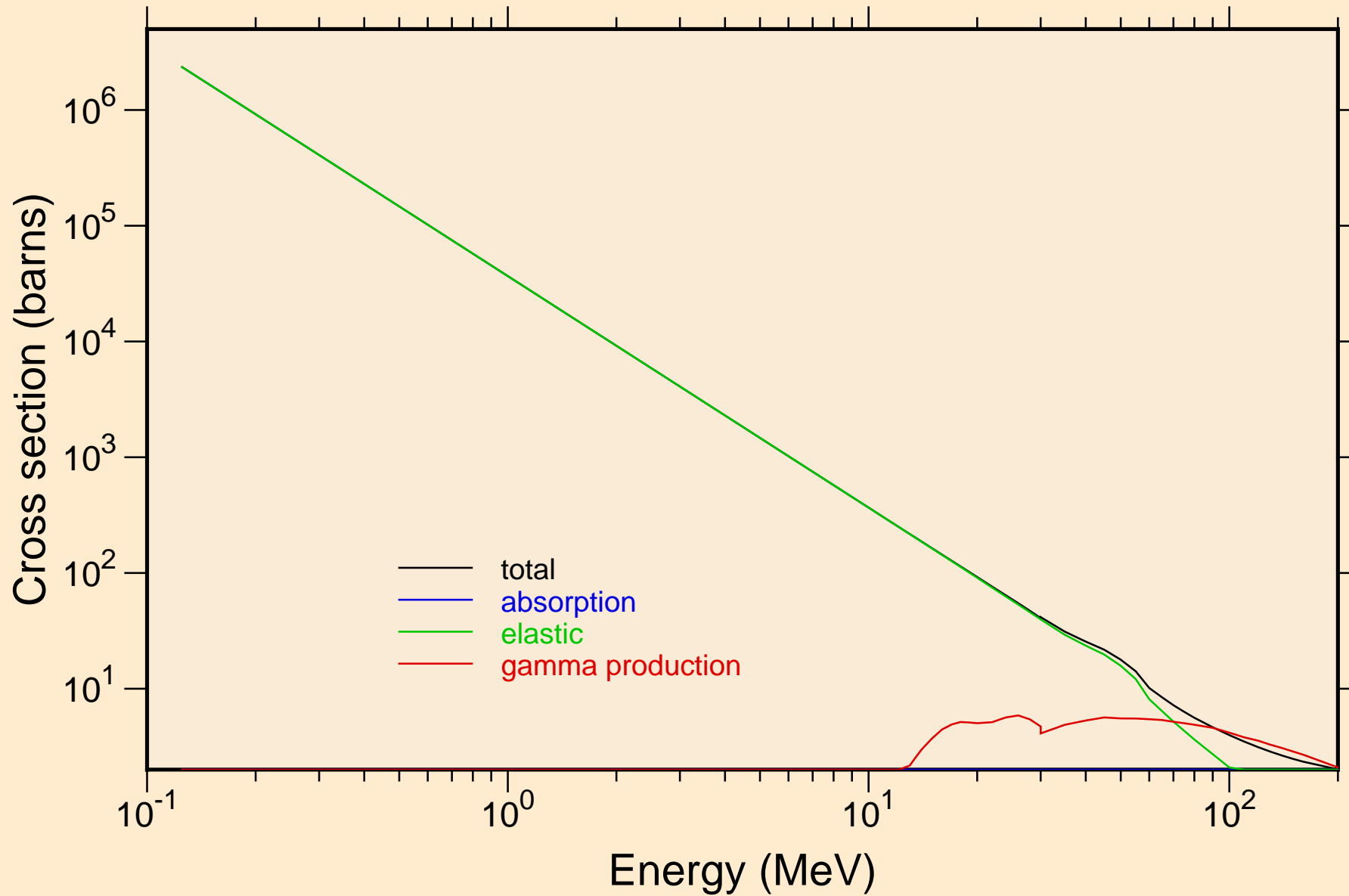


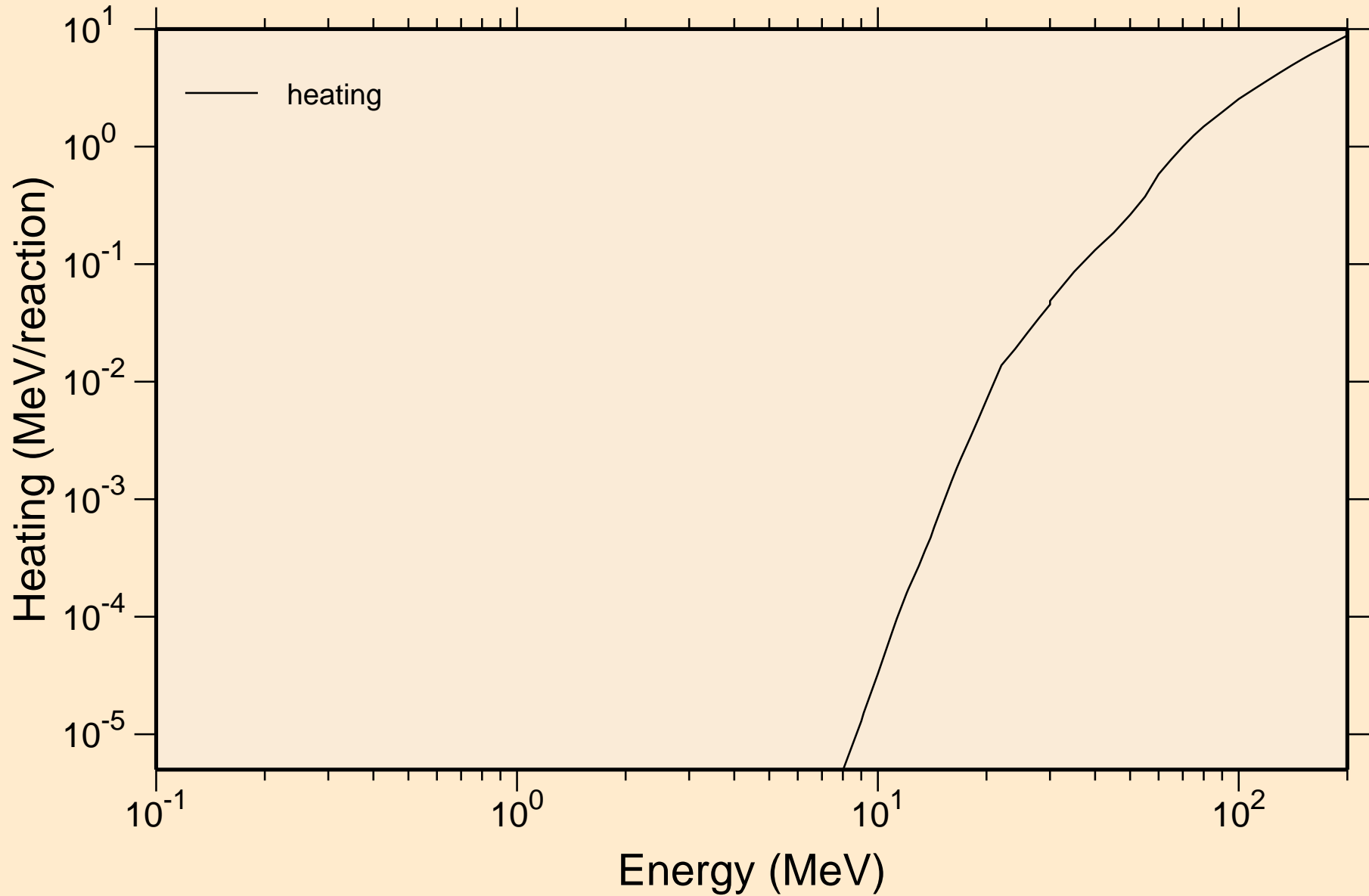
# IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



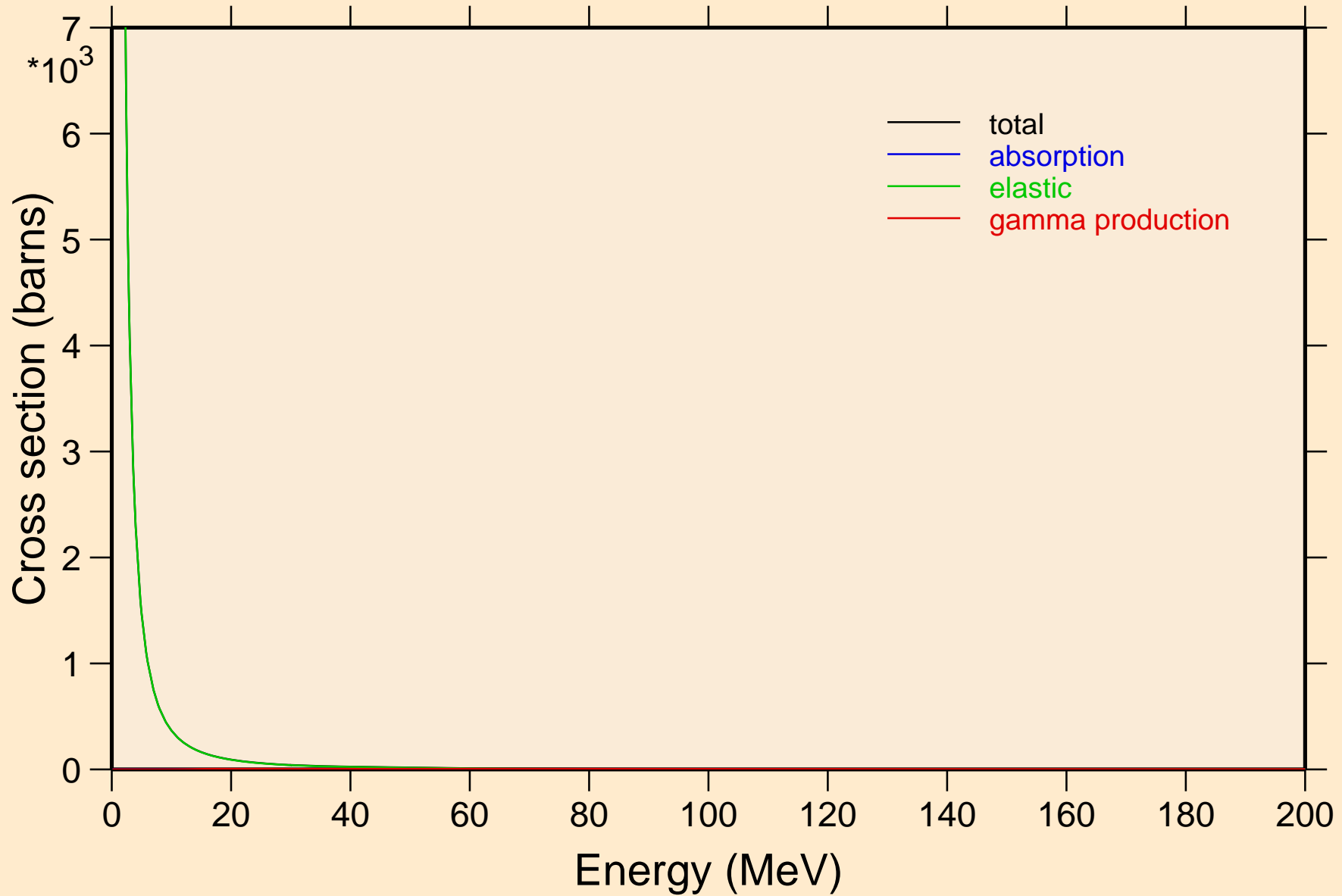
# IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



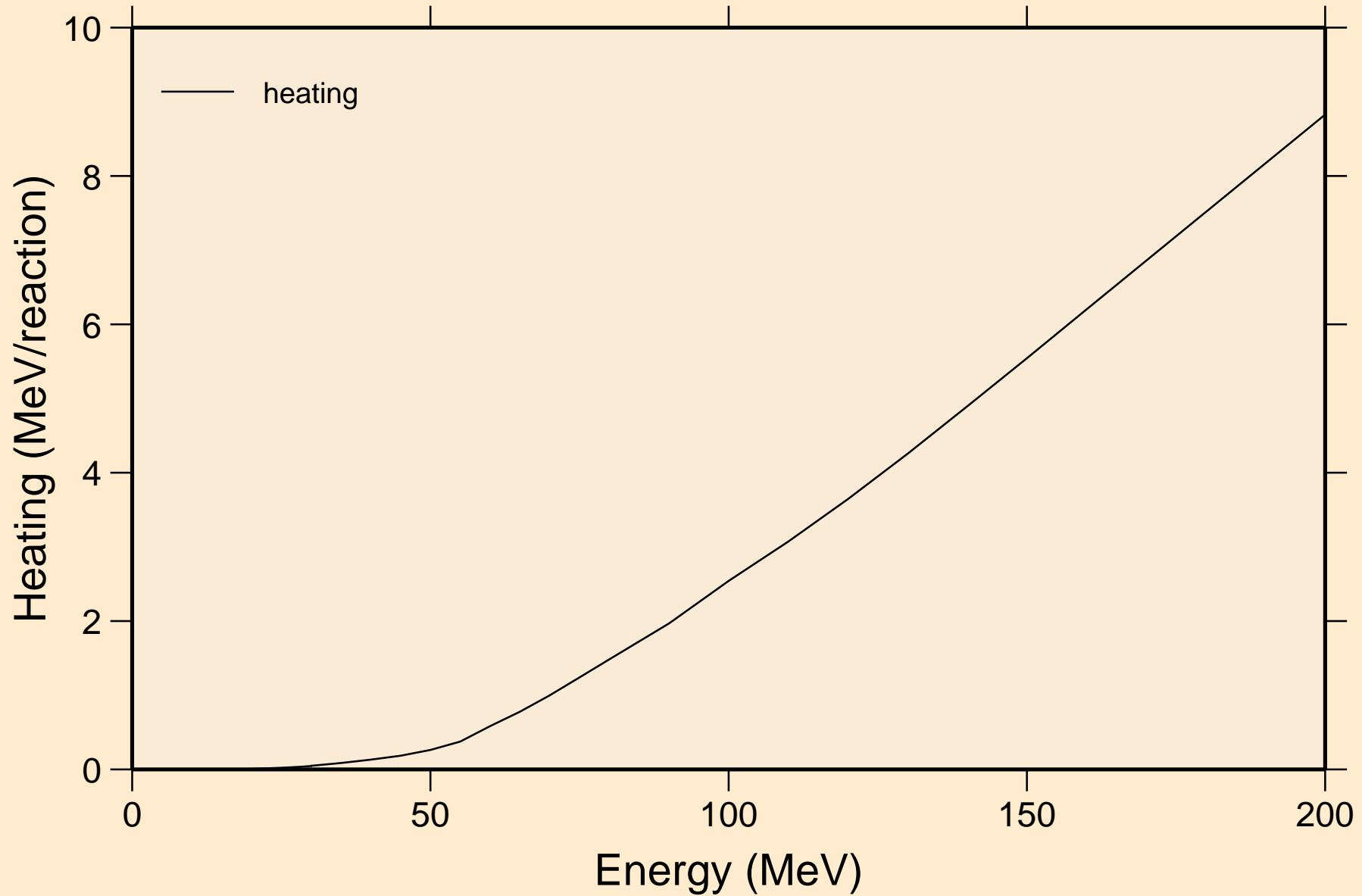
# IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

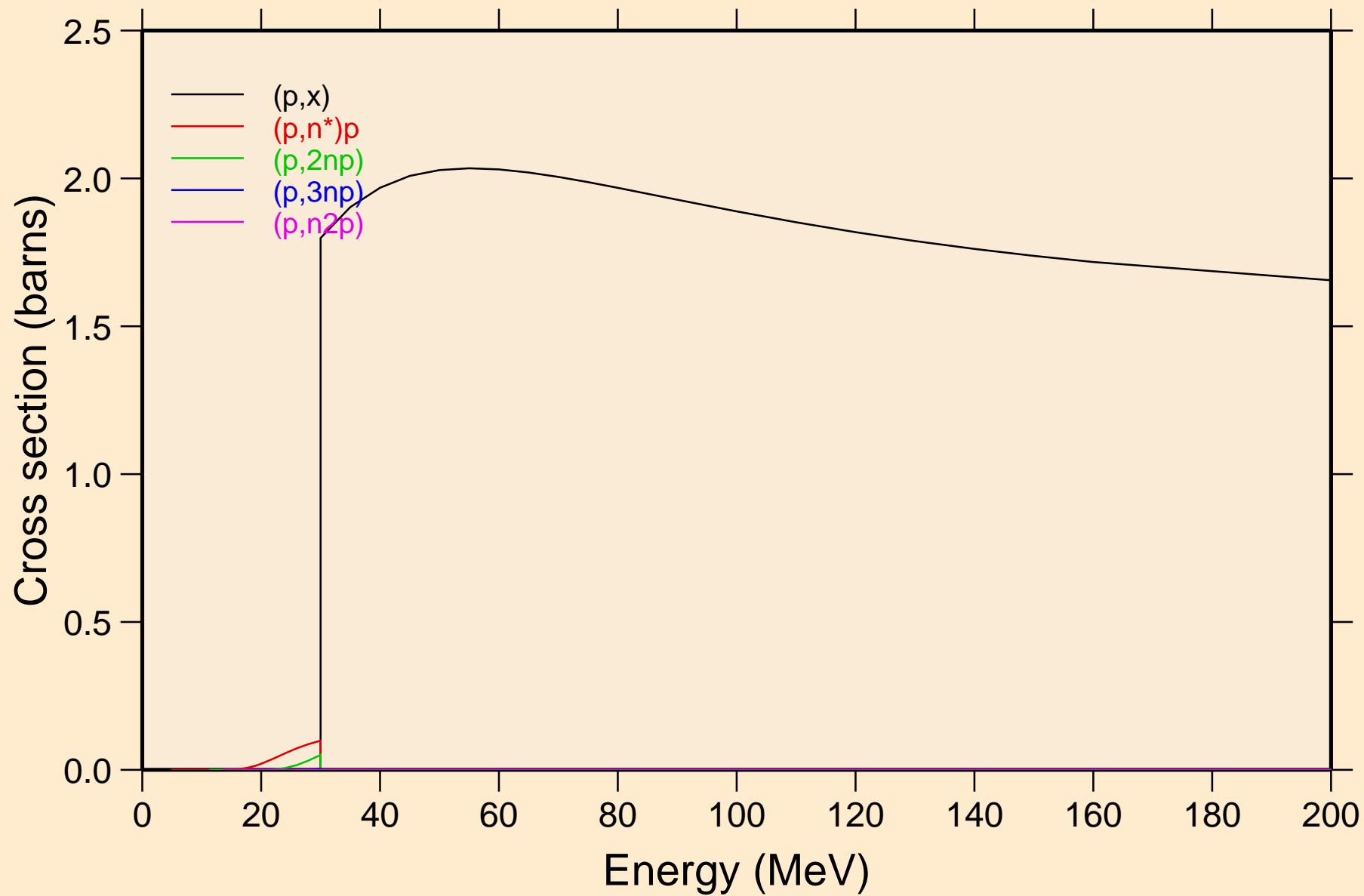


IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Heating

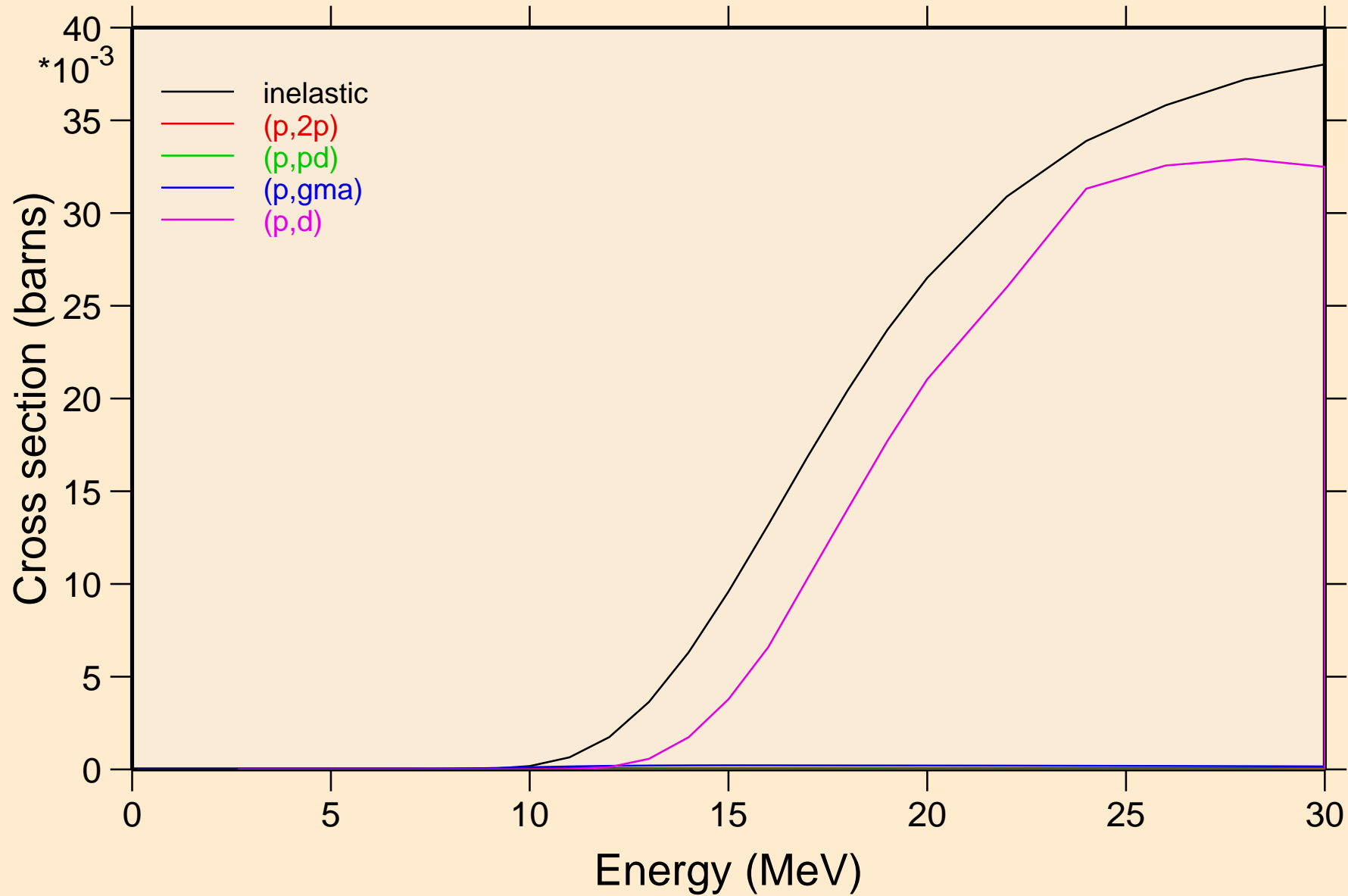


IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

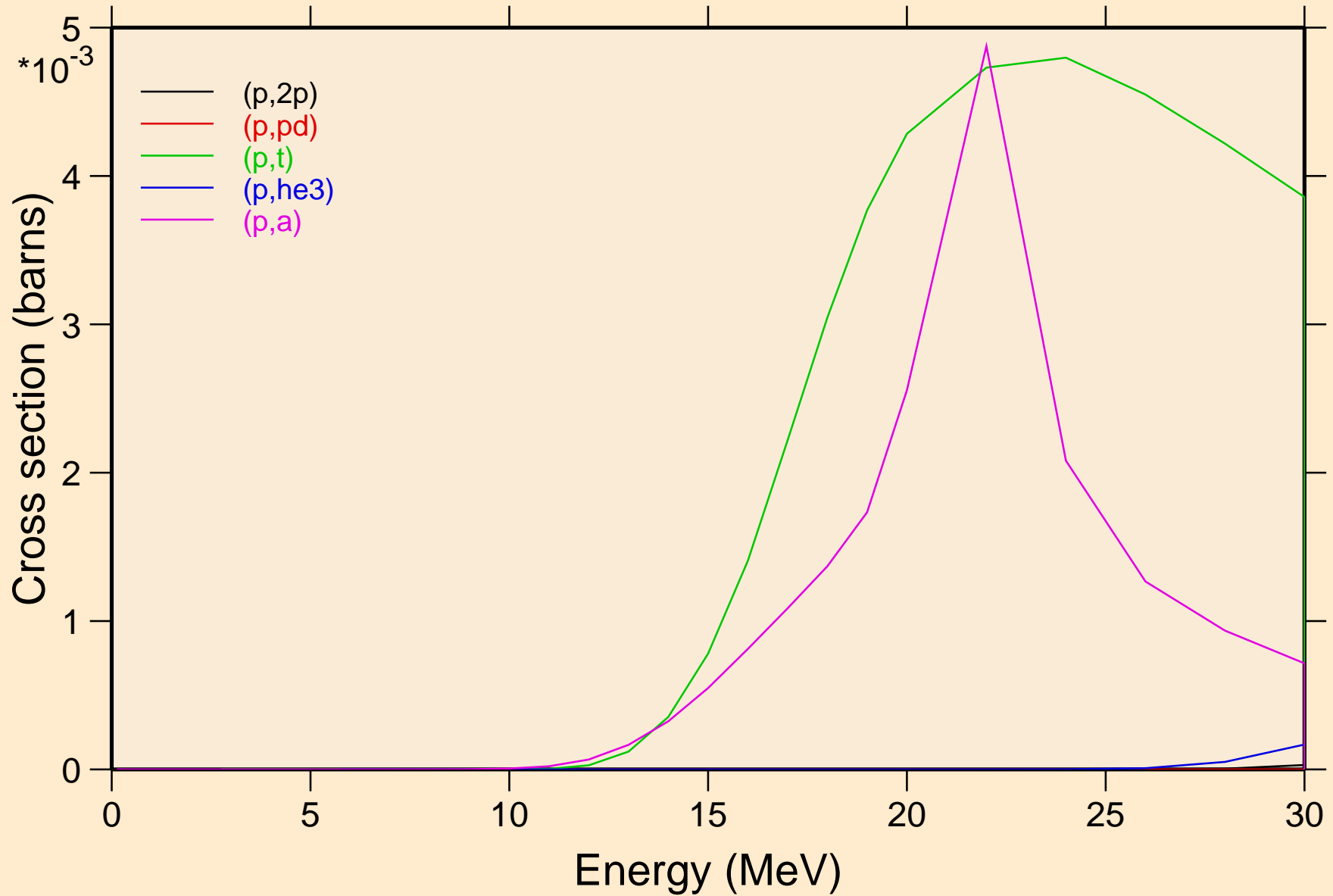


# IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K

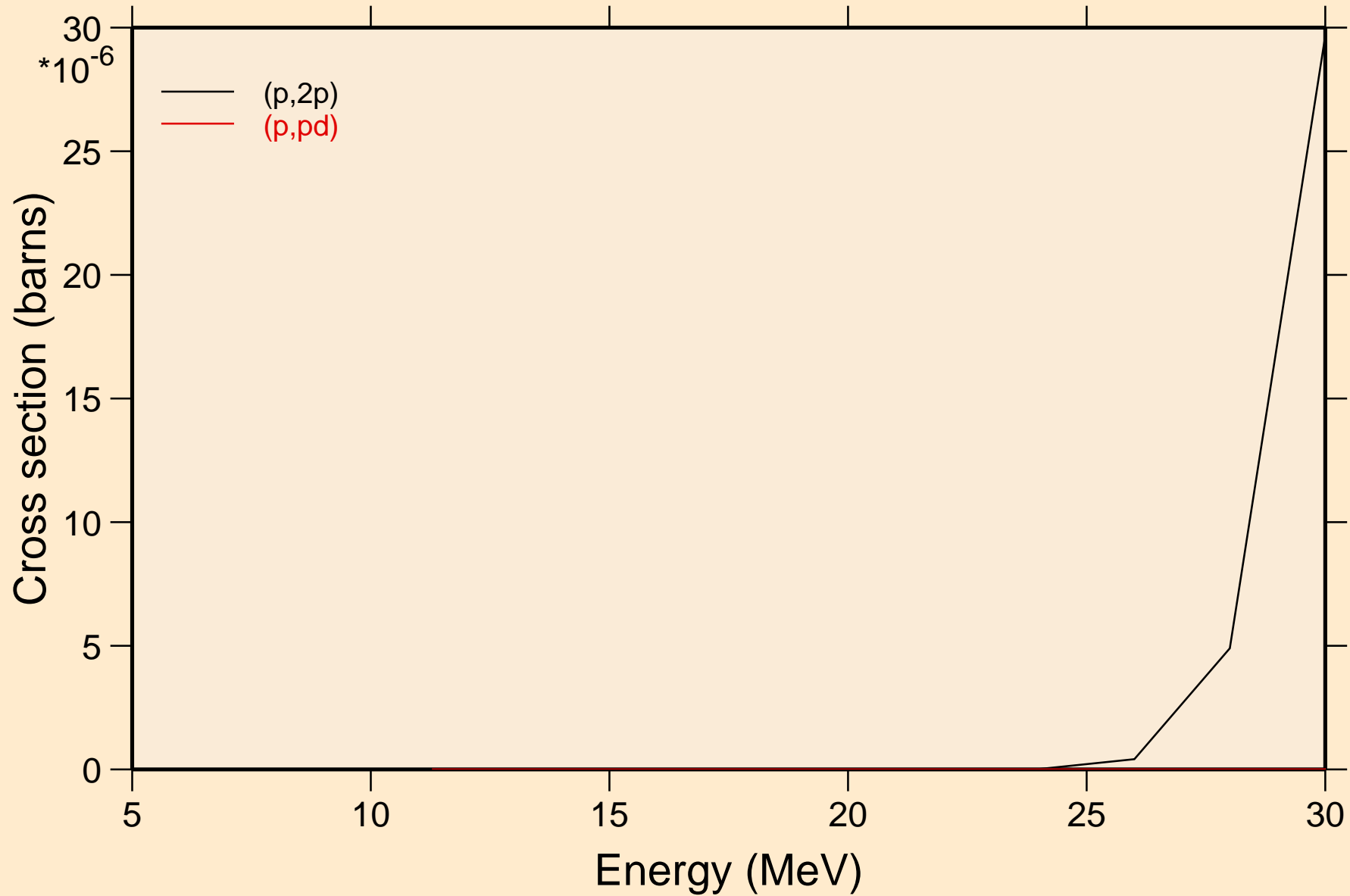
## Threshold reactions



IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

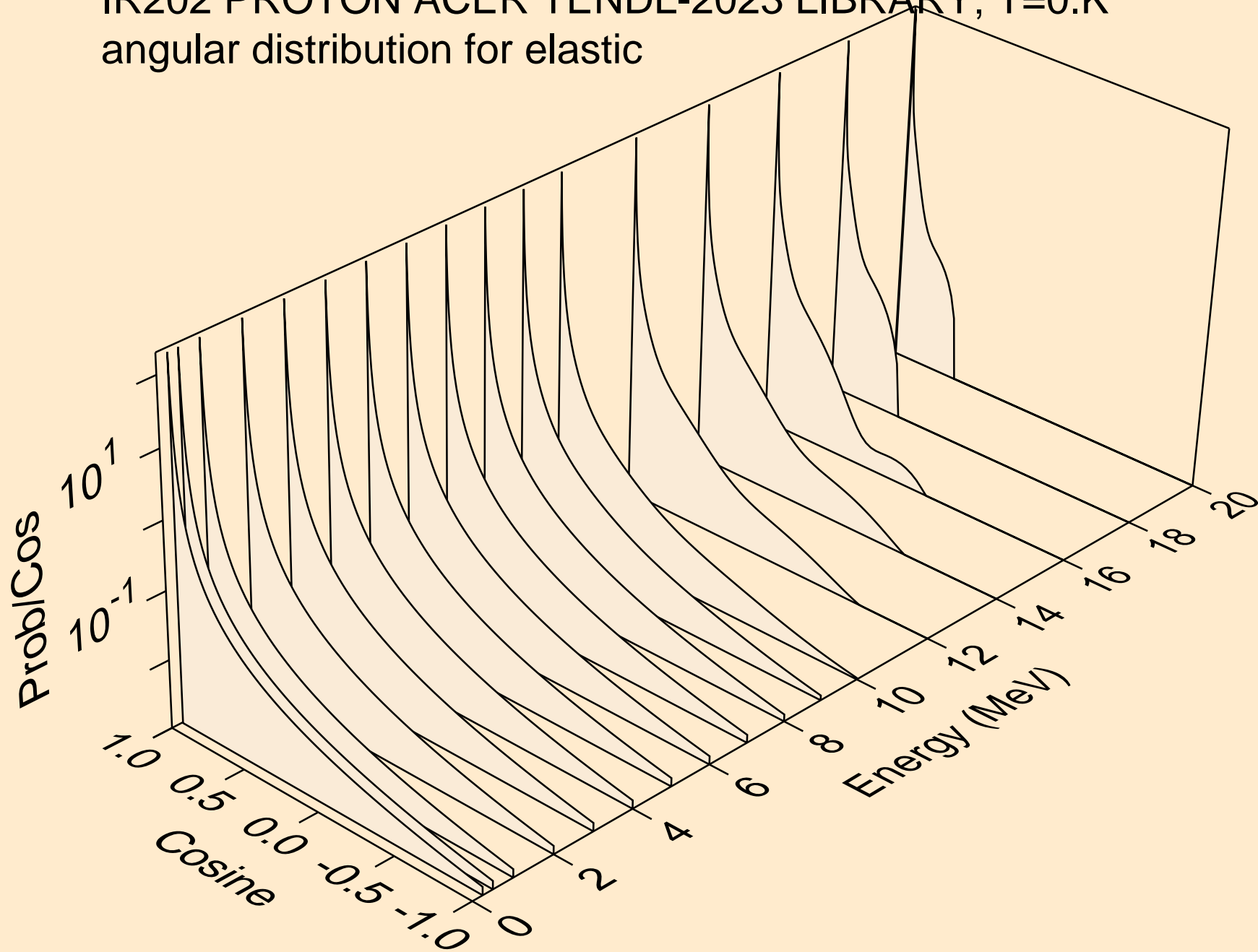


IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

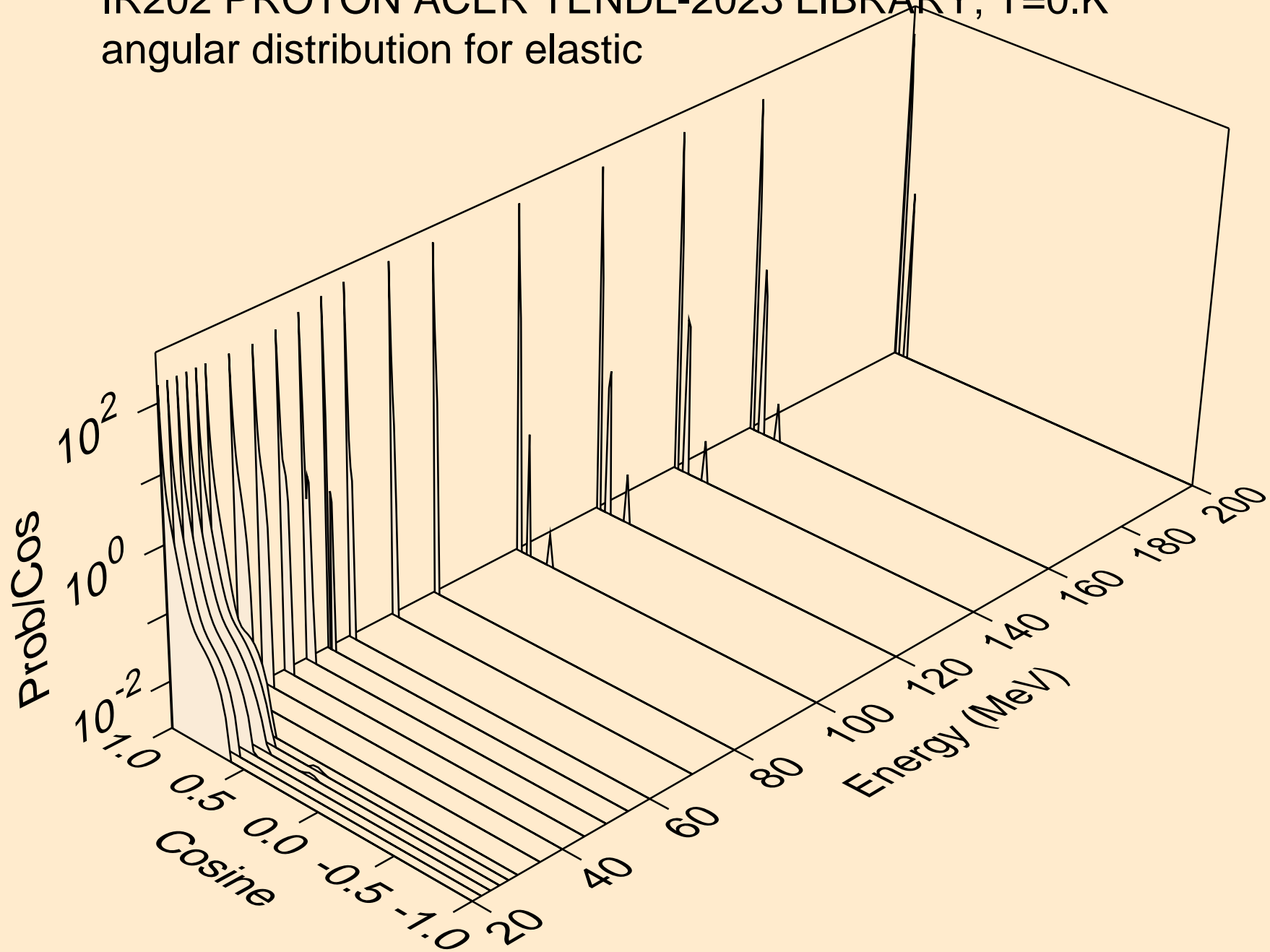




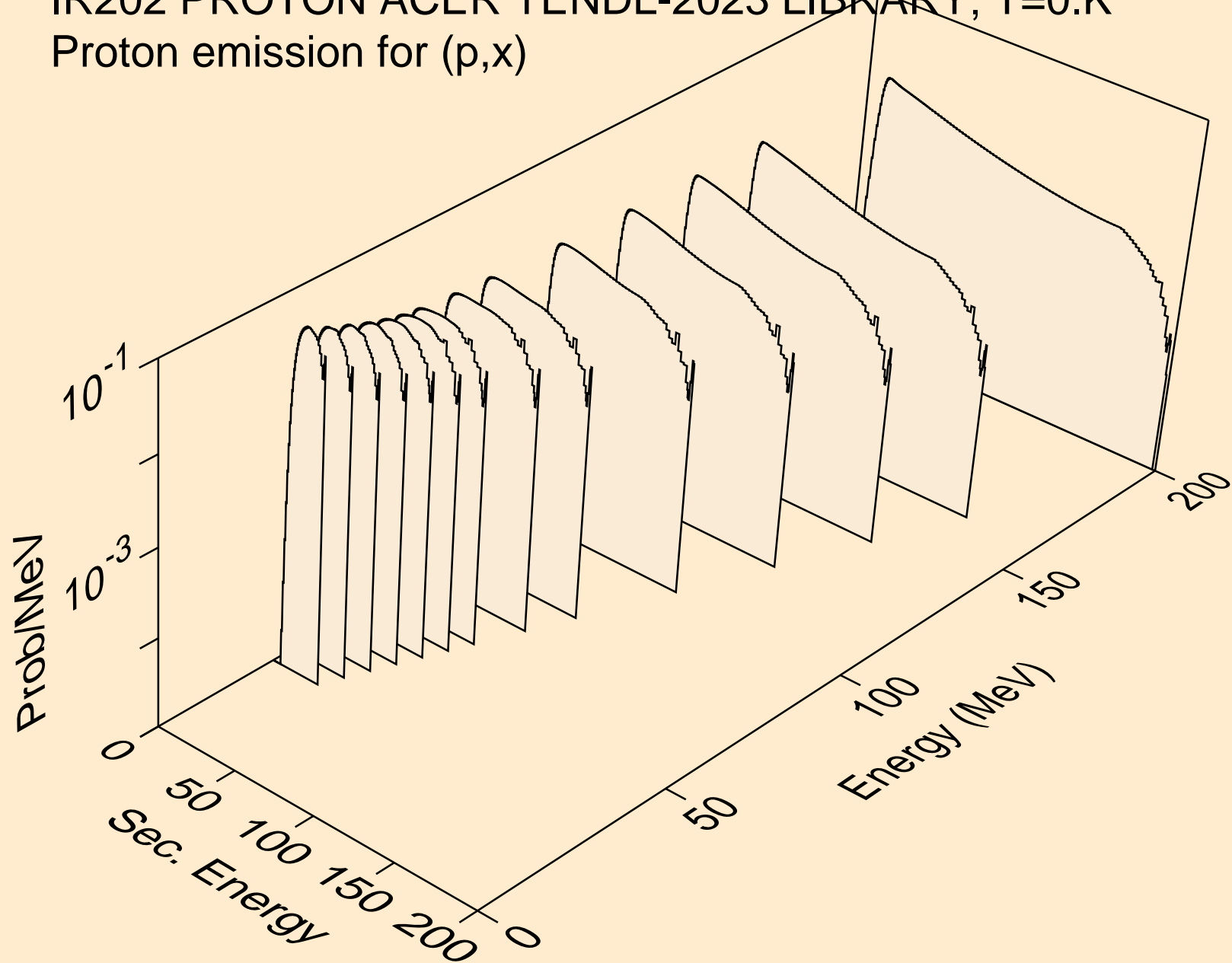
IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



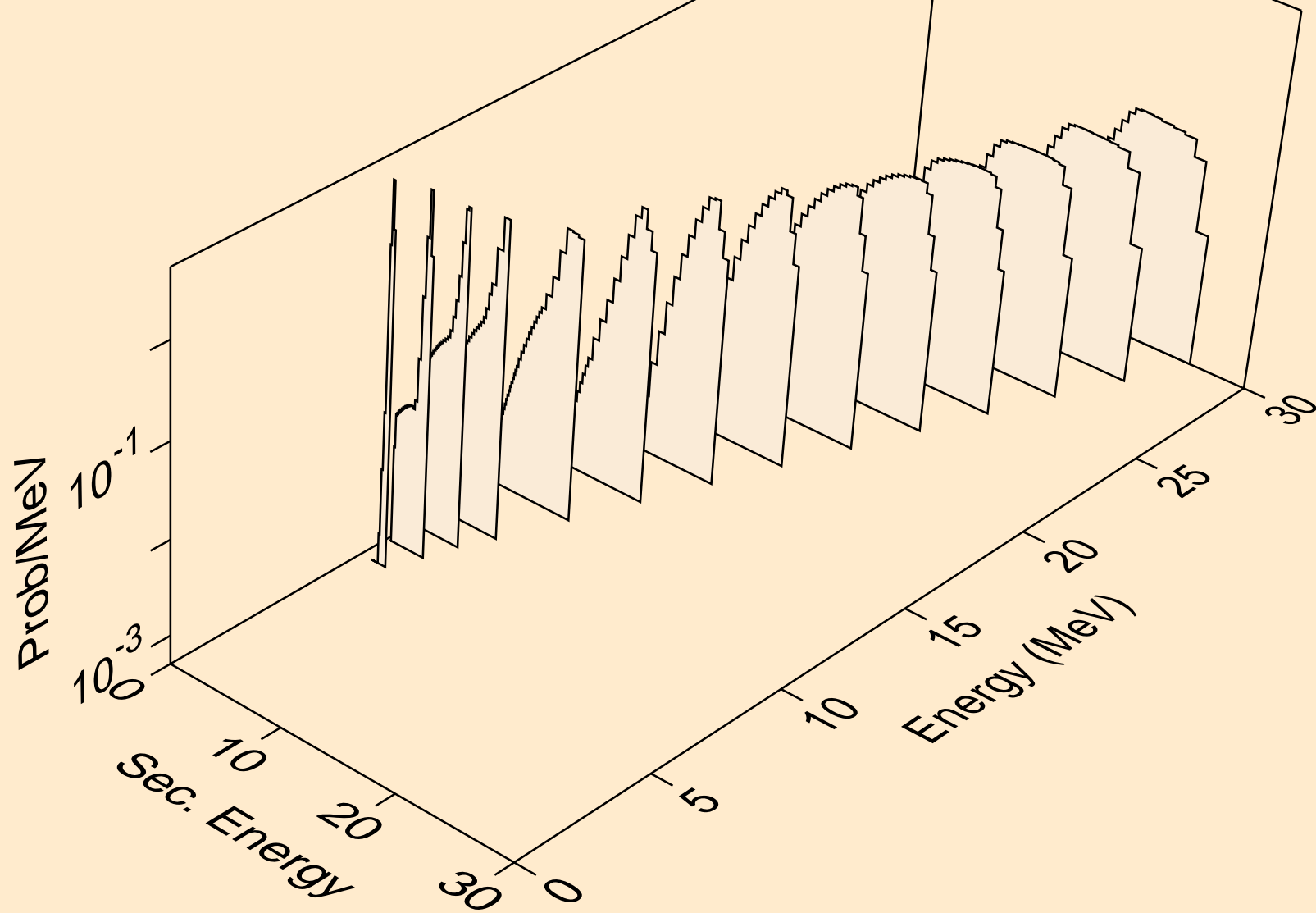
IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



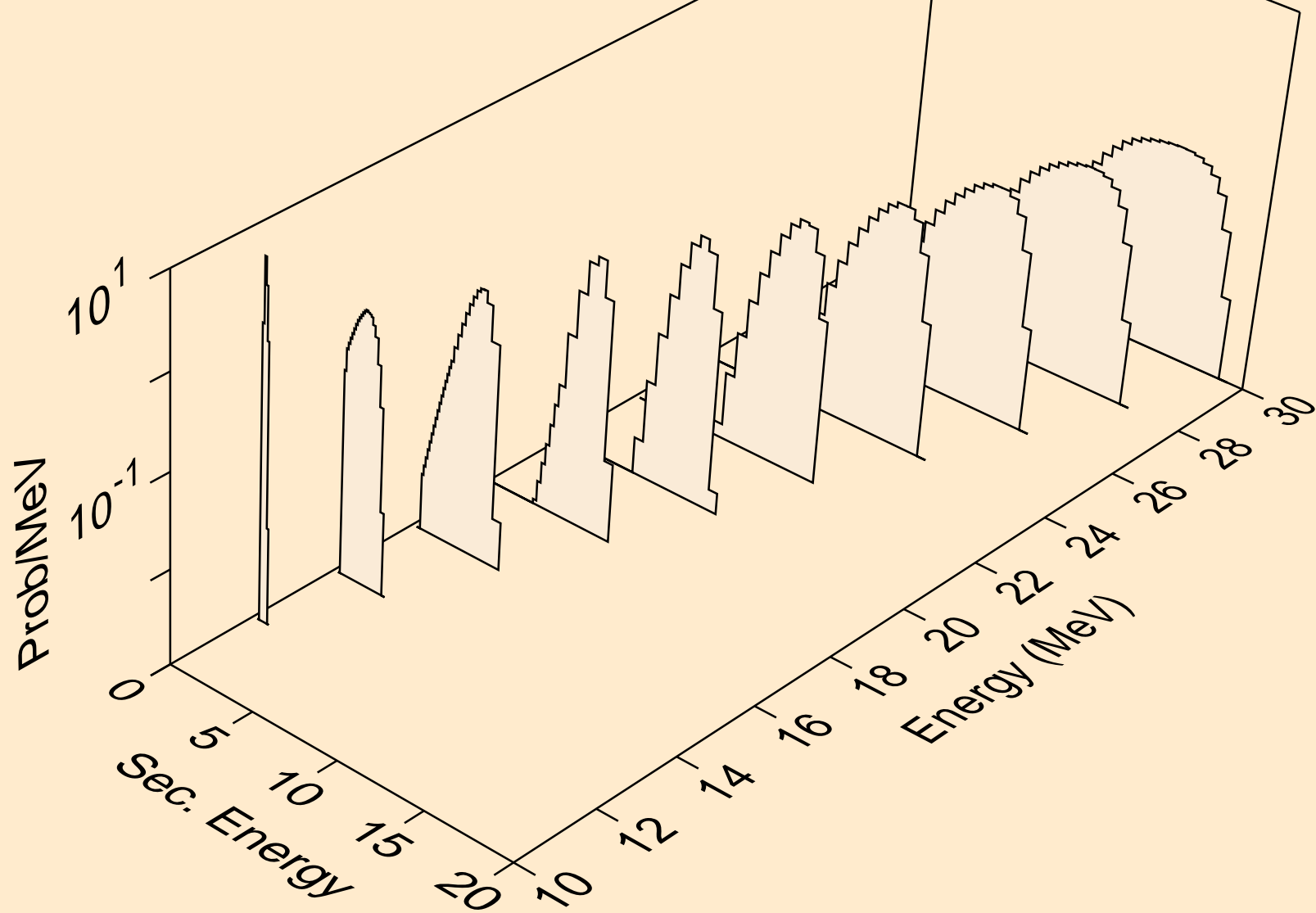
IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



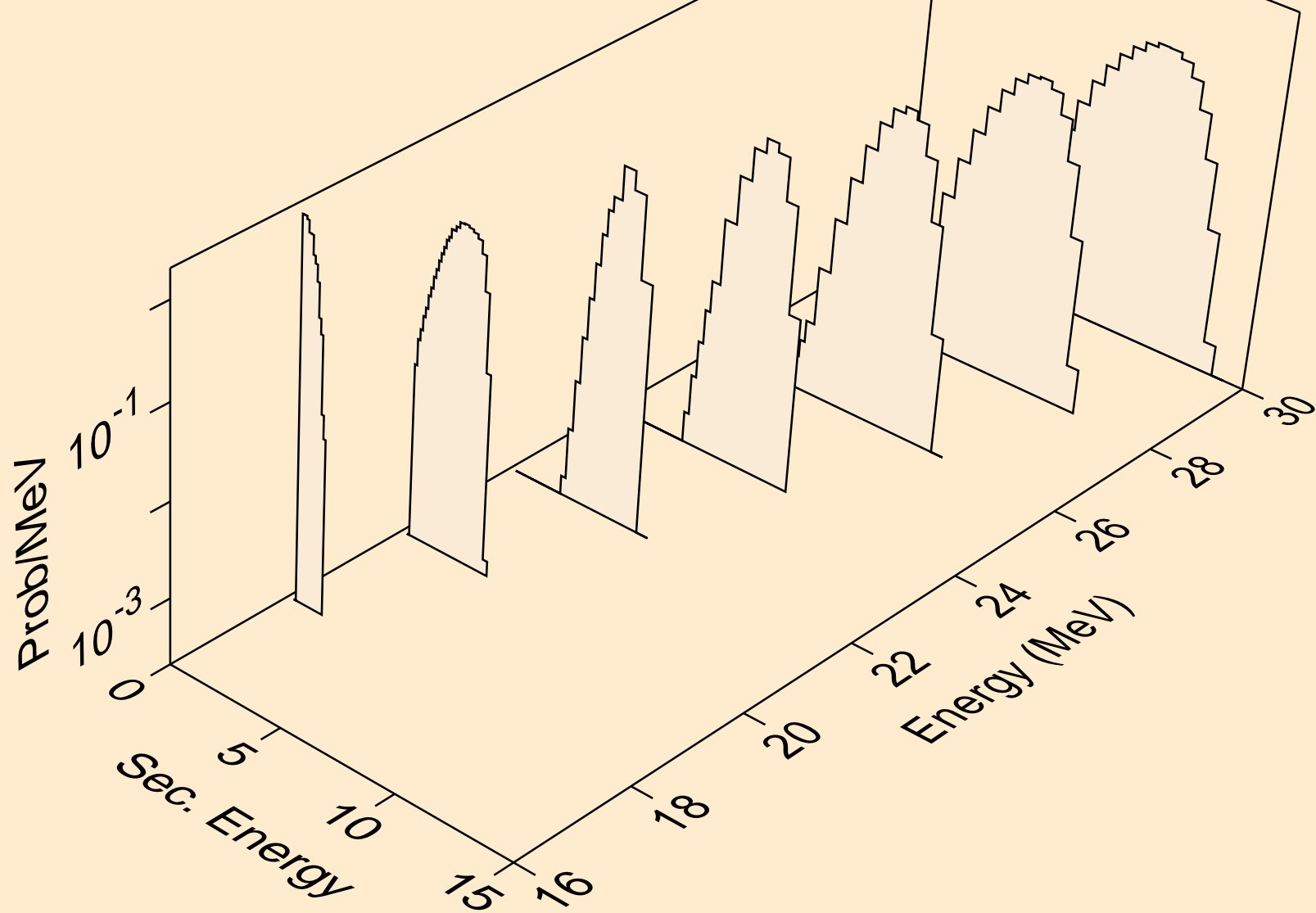
IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



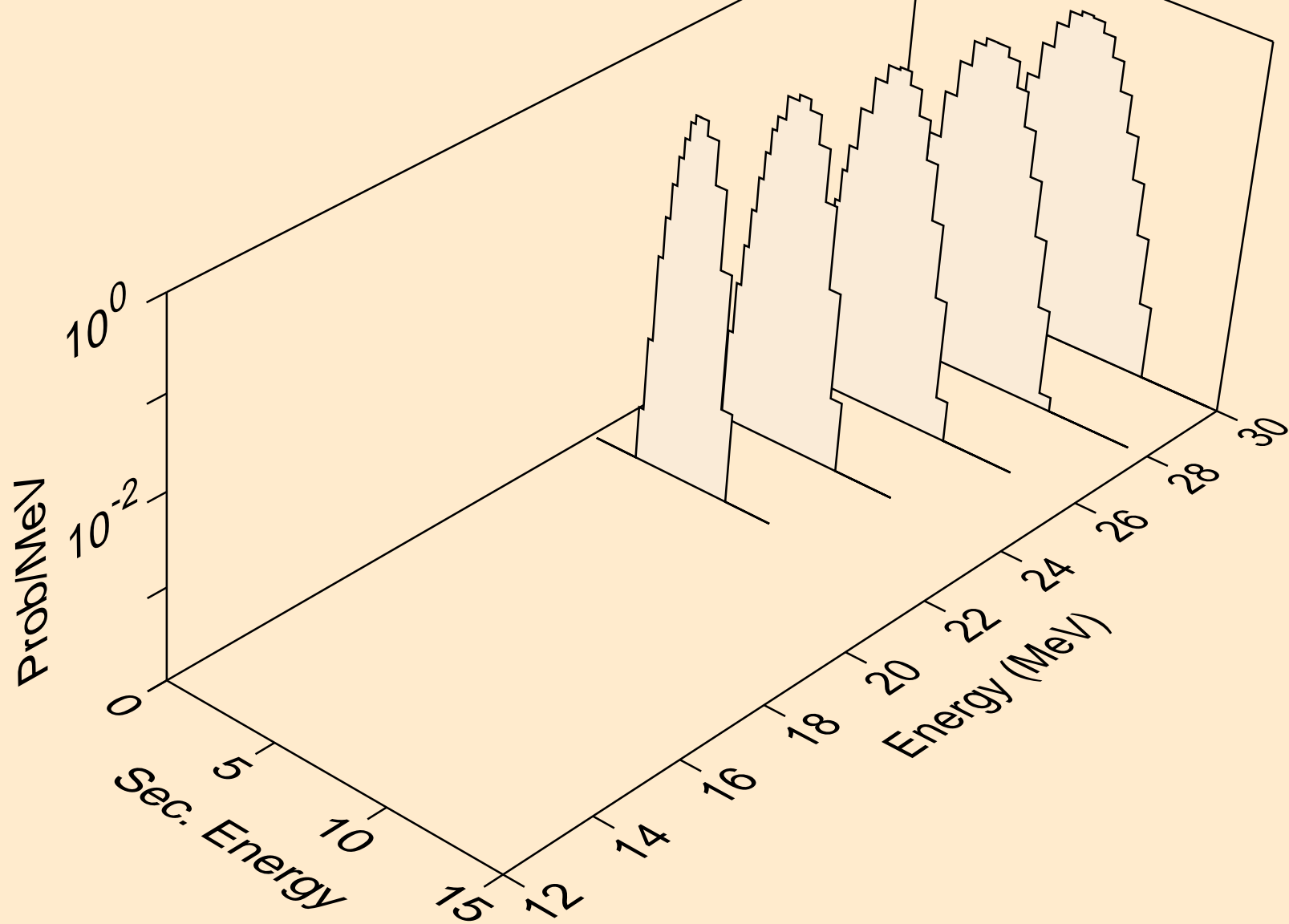
IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



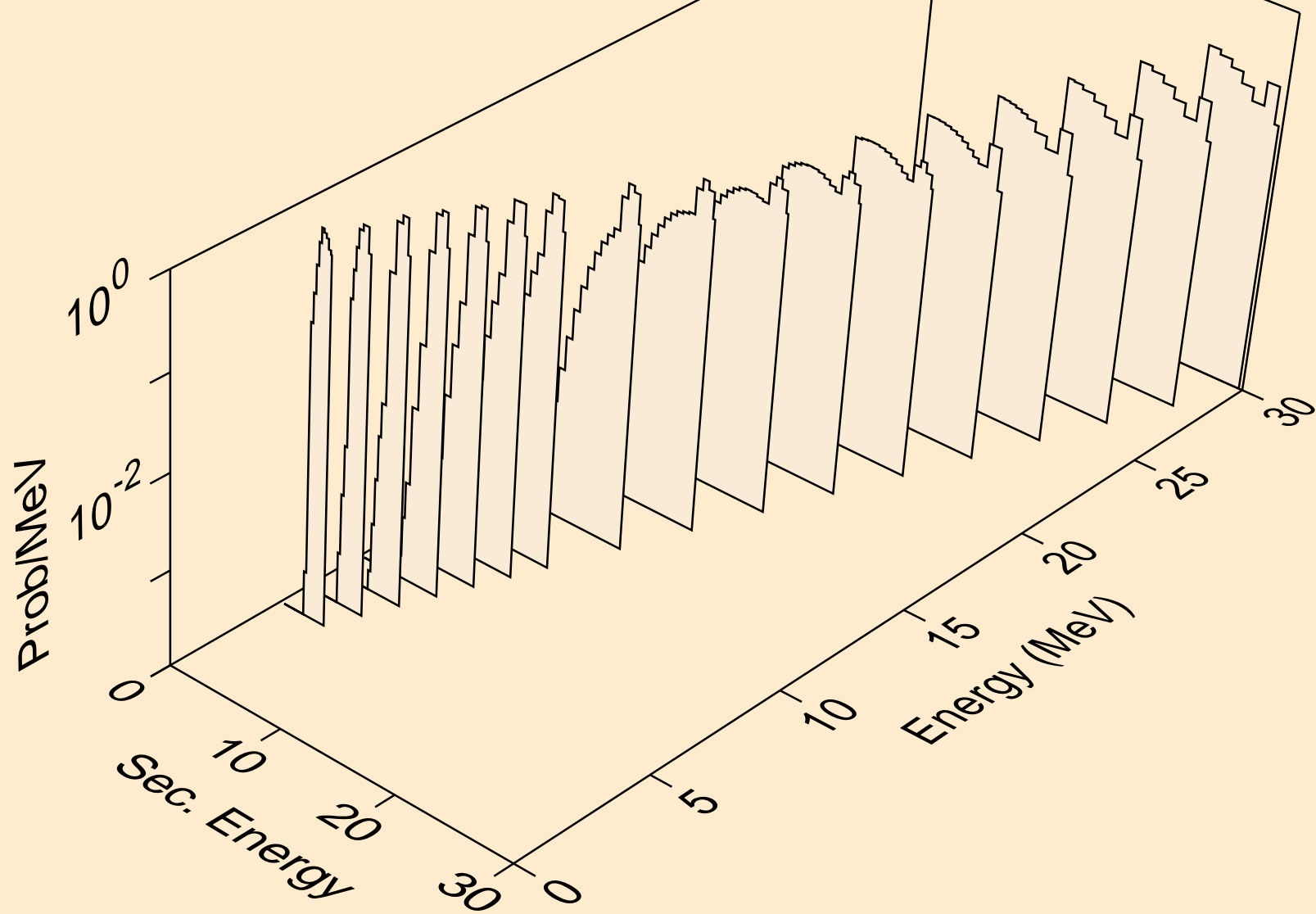
IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,3np)



IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)

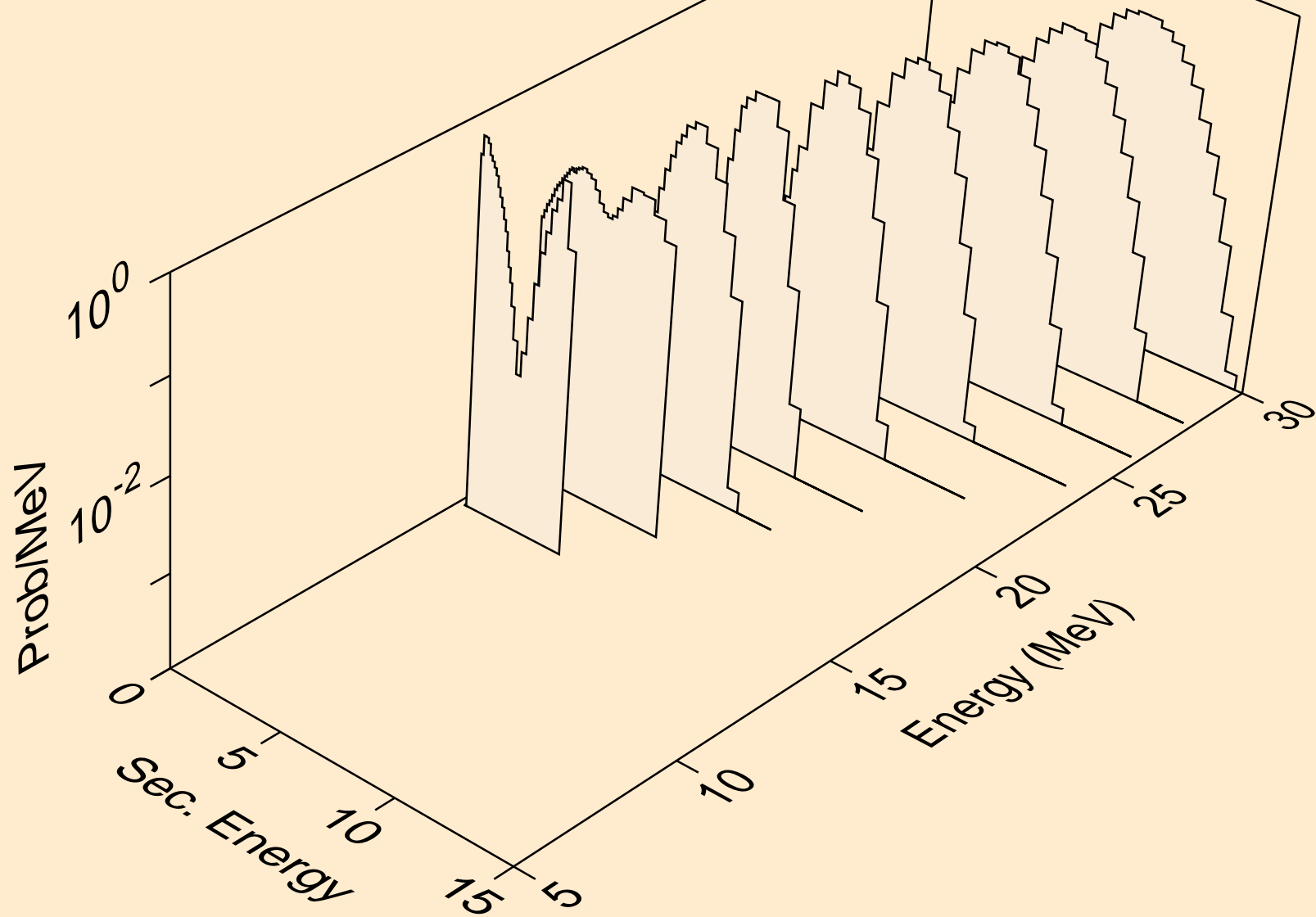


IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

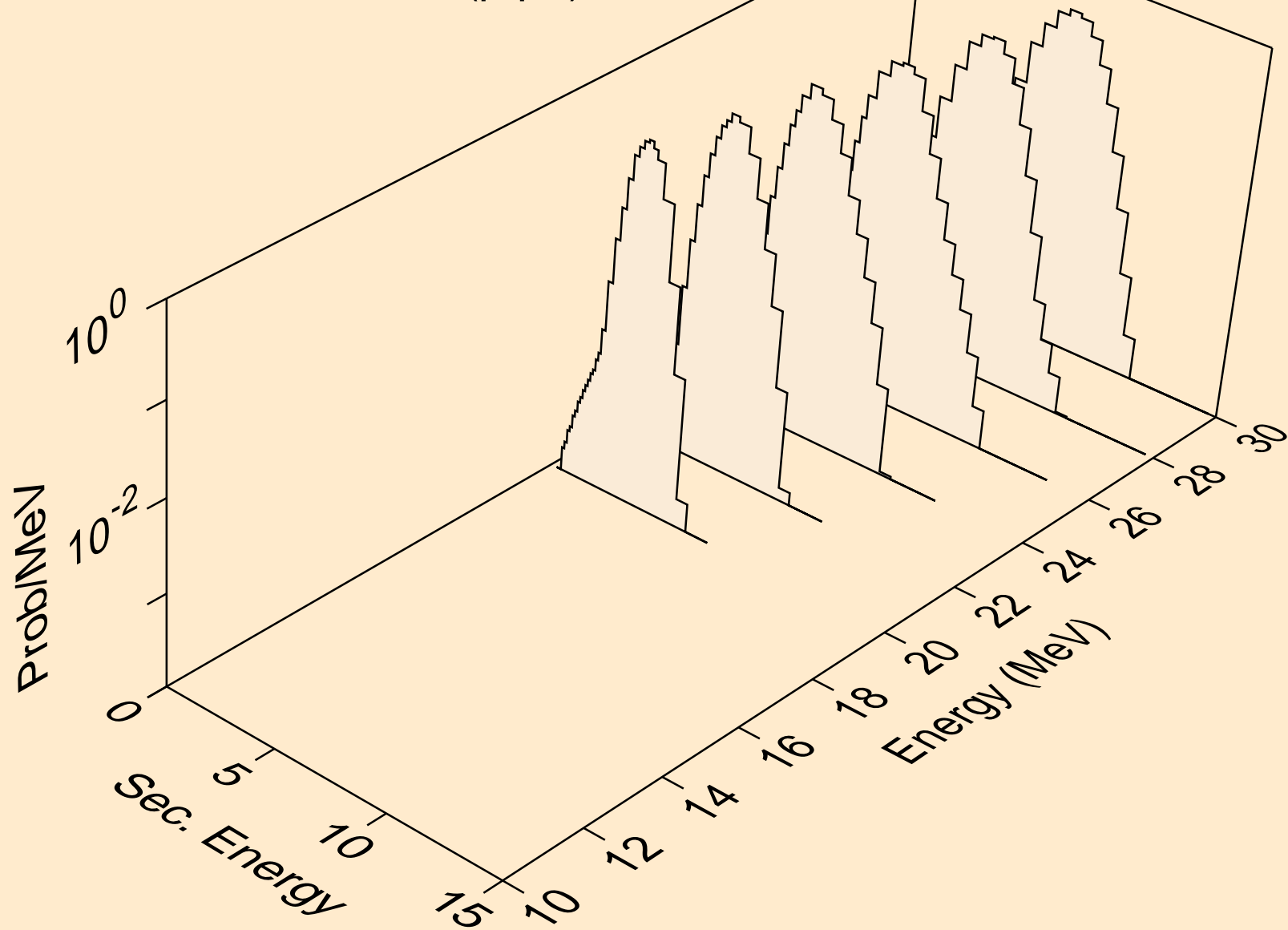




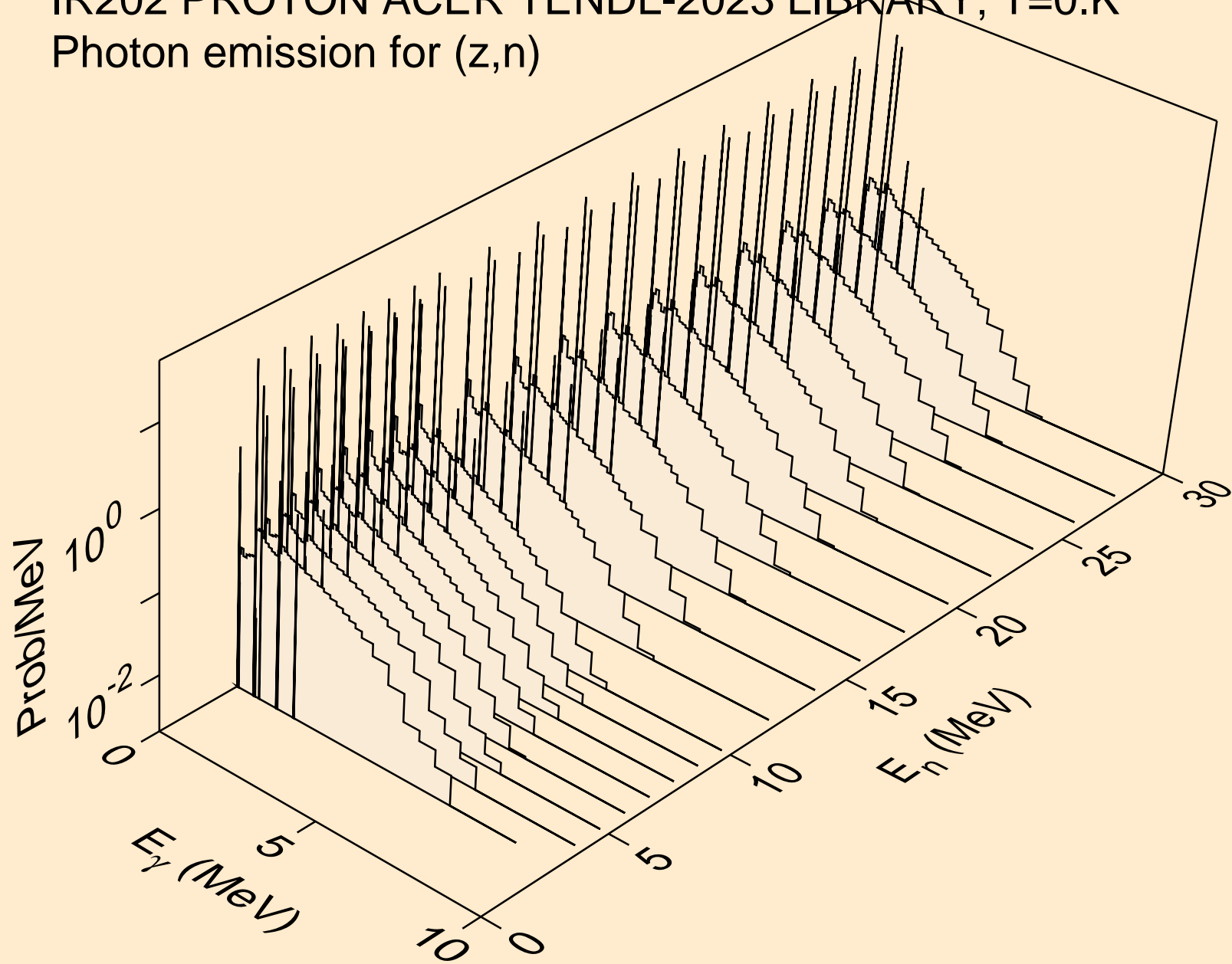
IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)



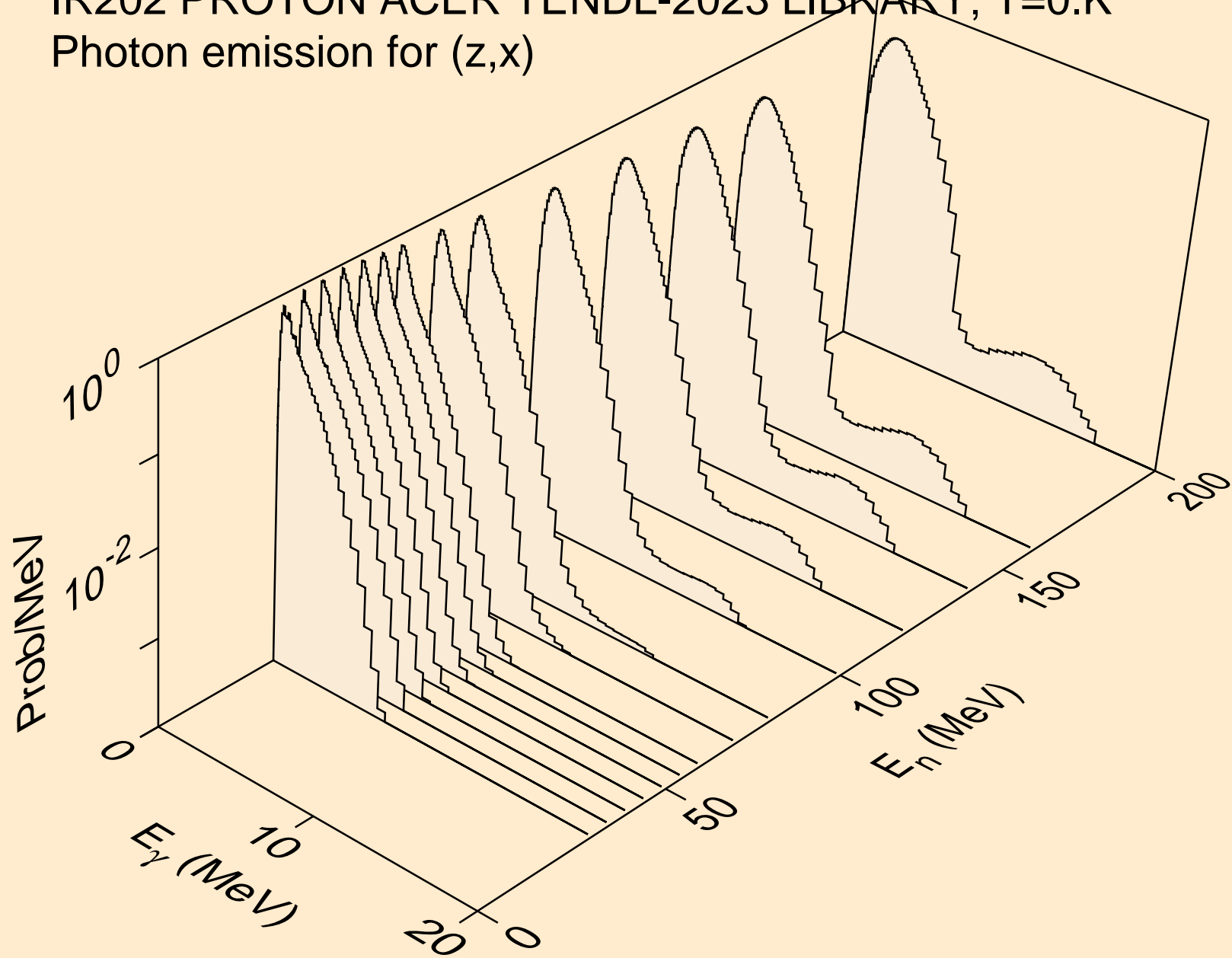
IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pd)



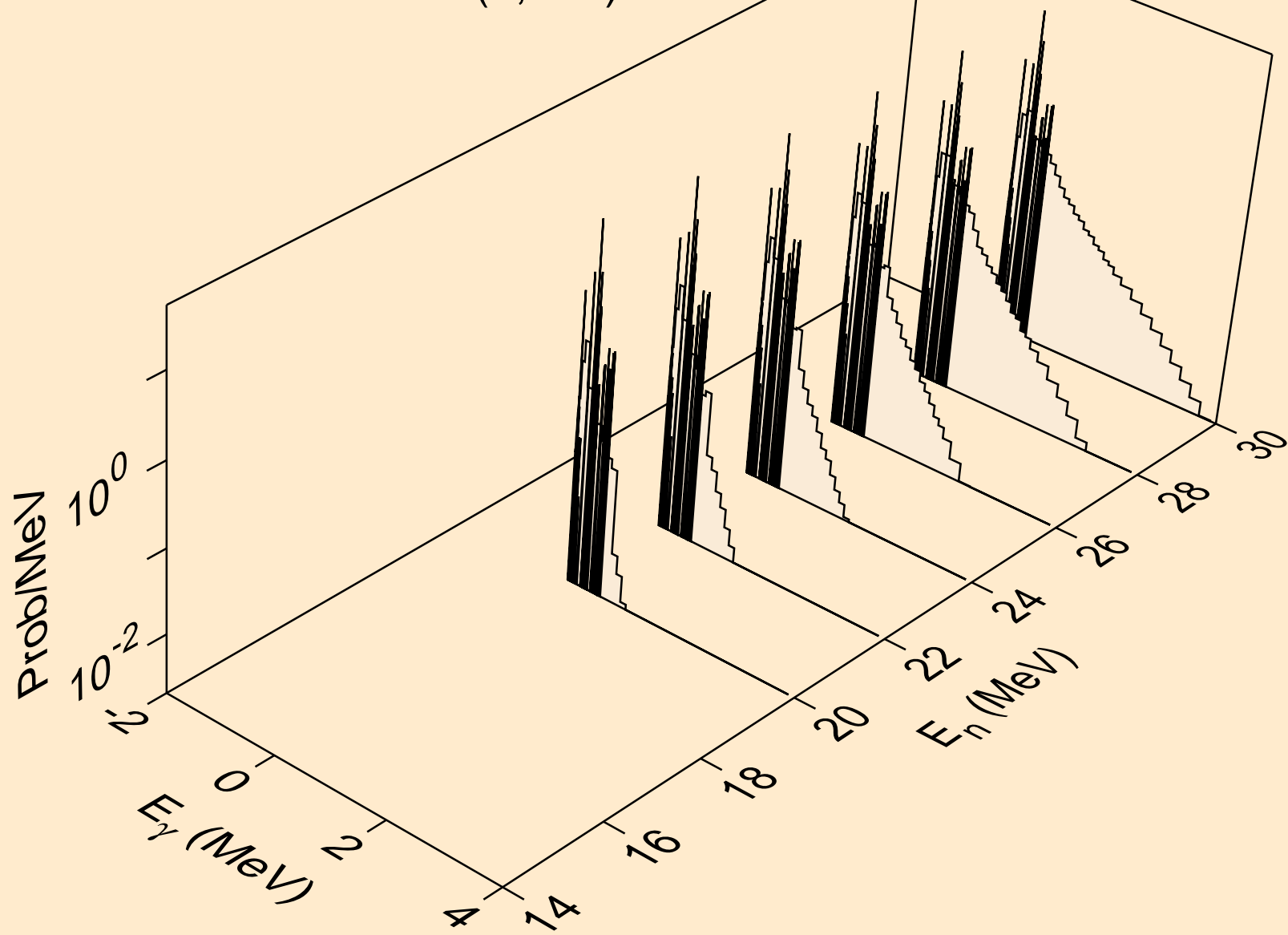
IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



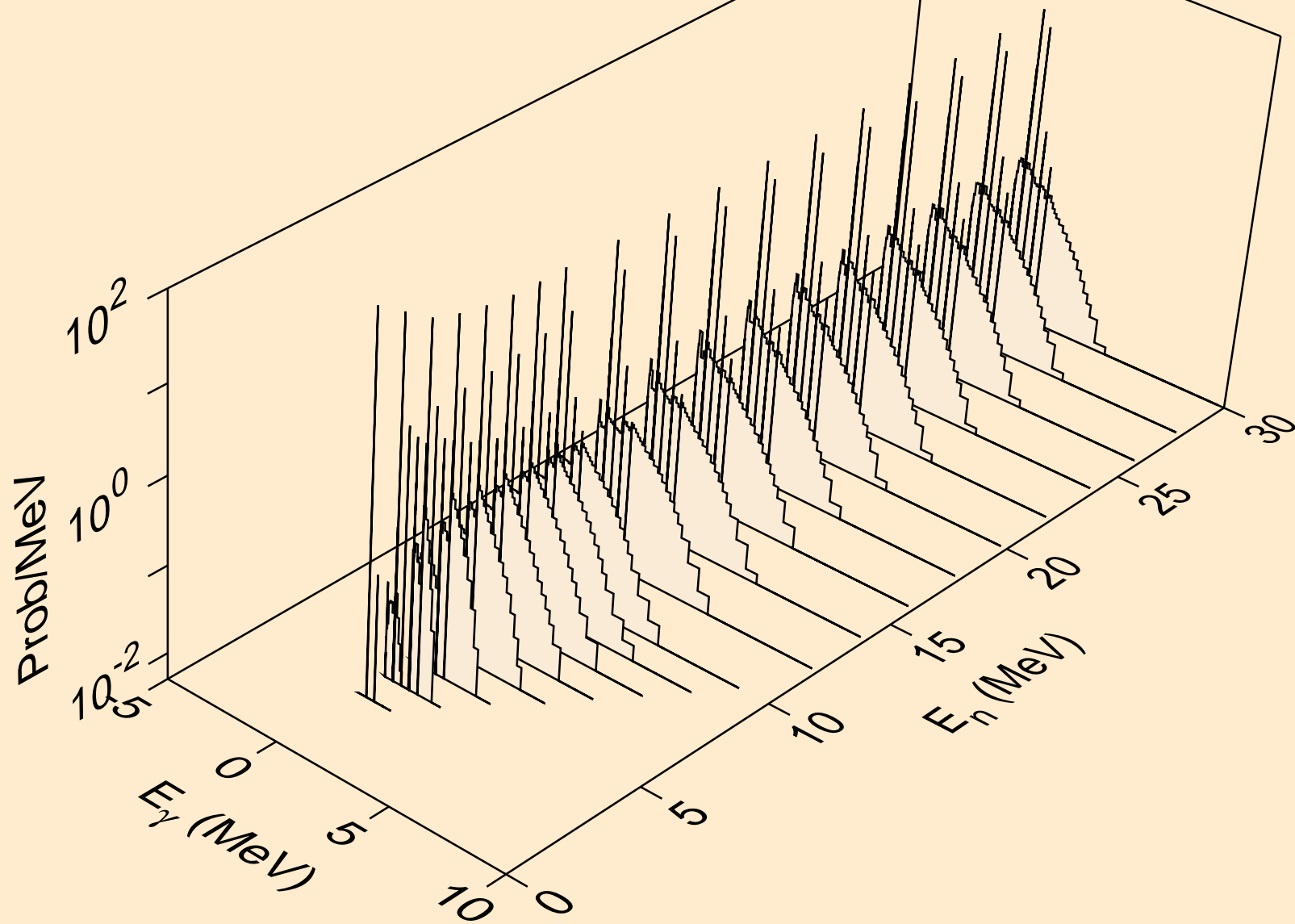
IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



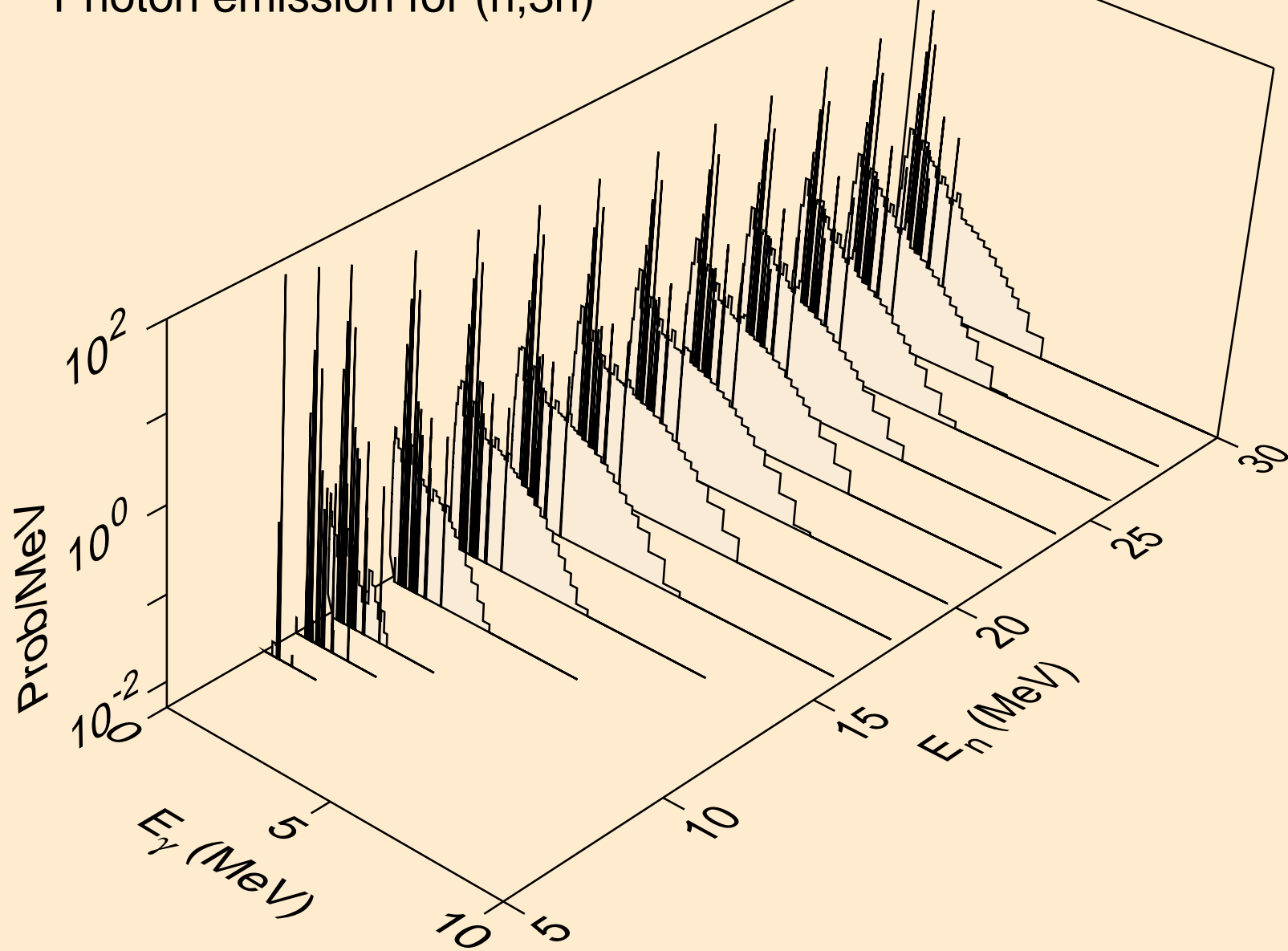
IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



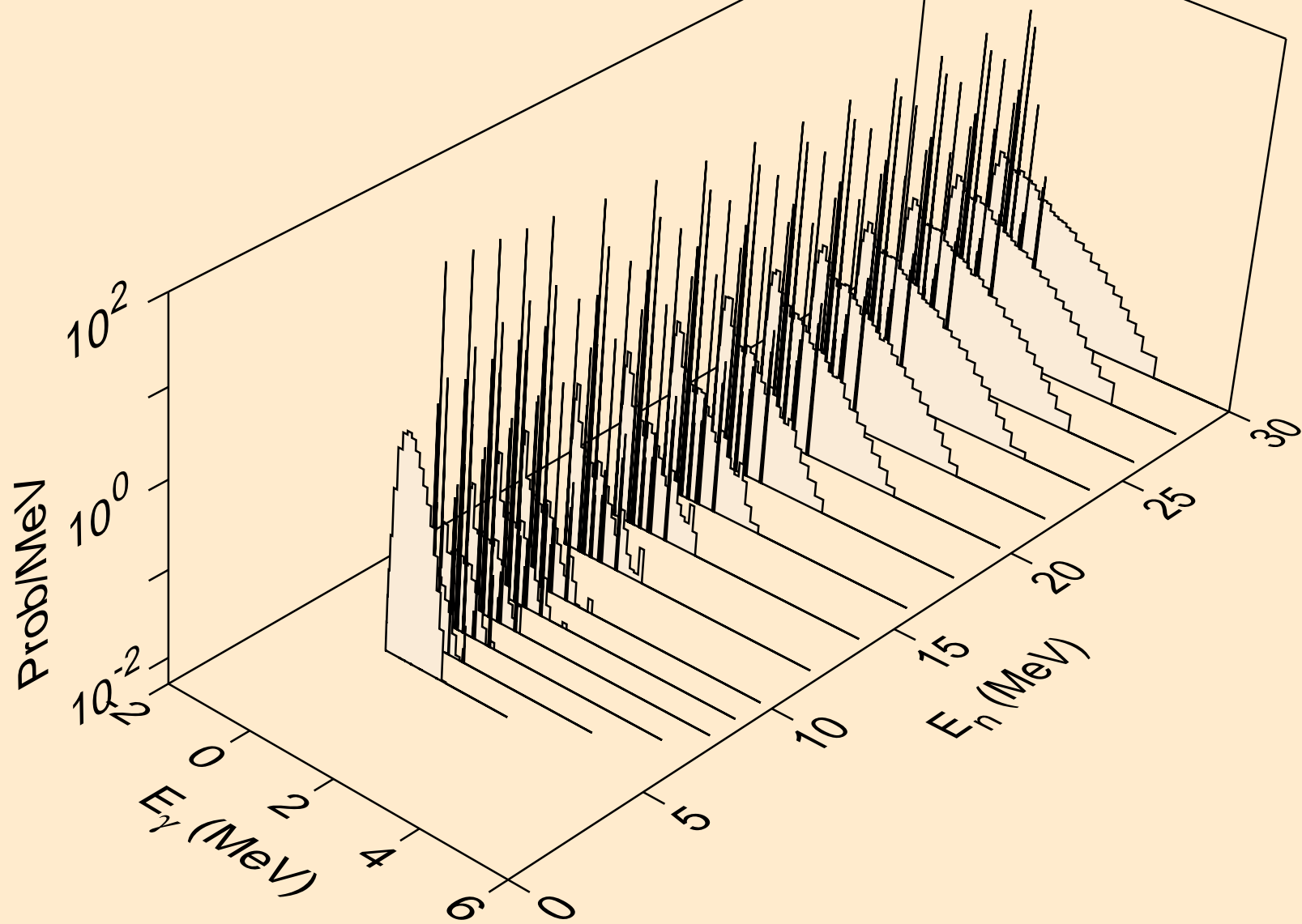
IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)

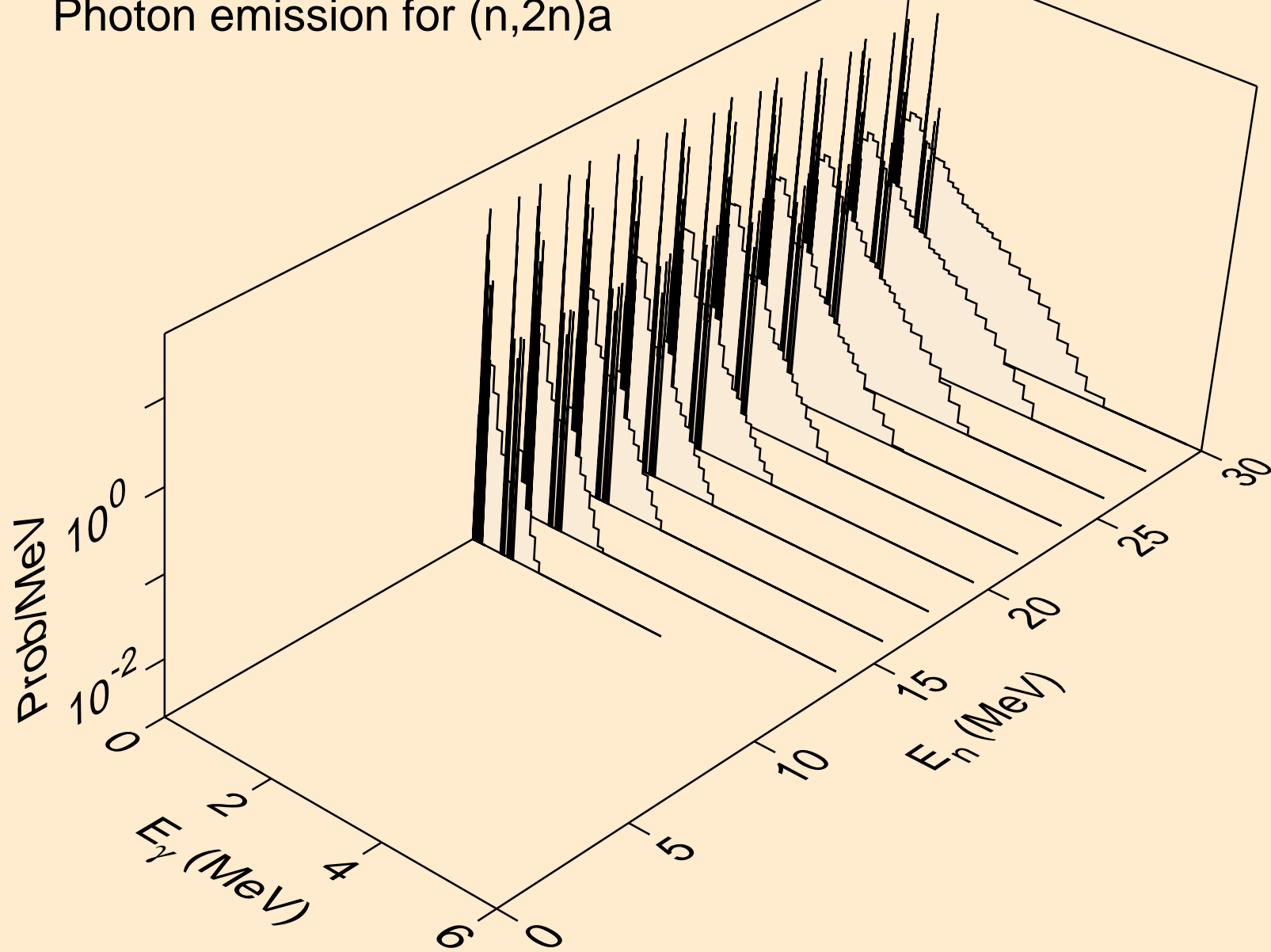


IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

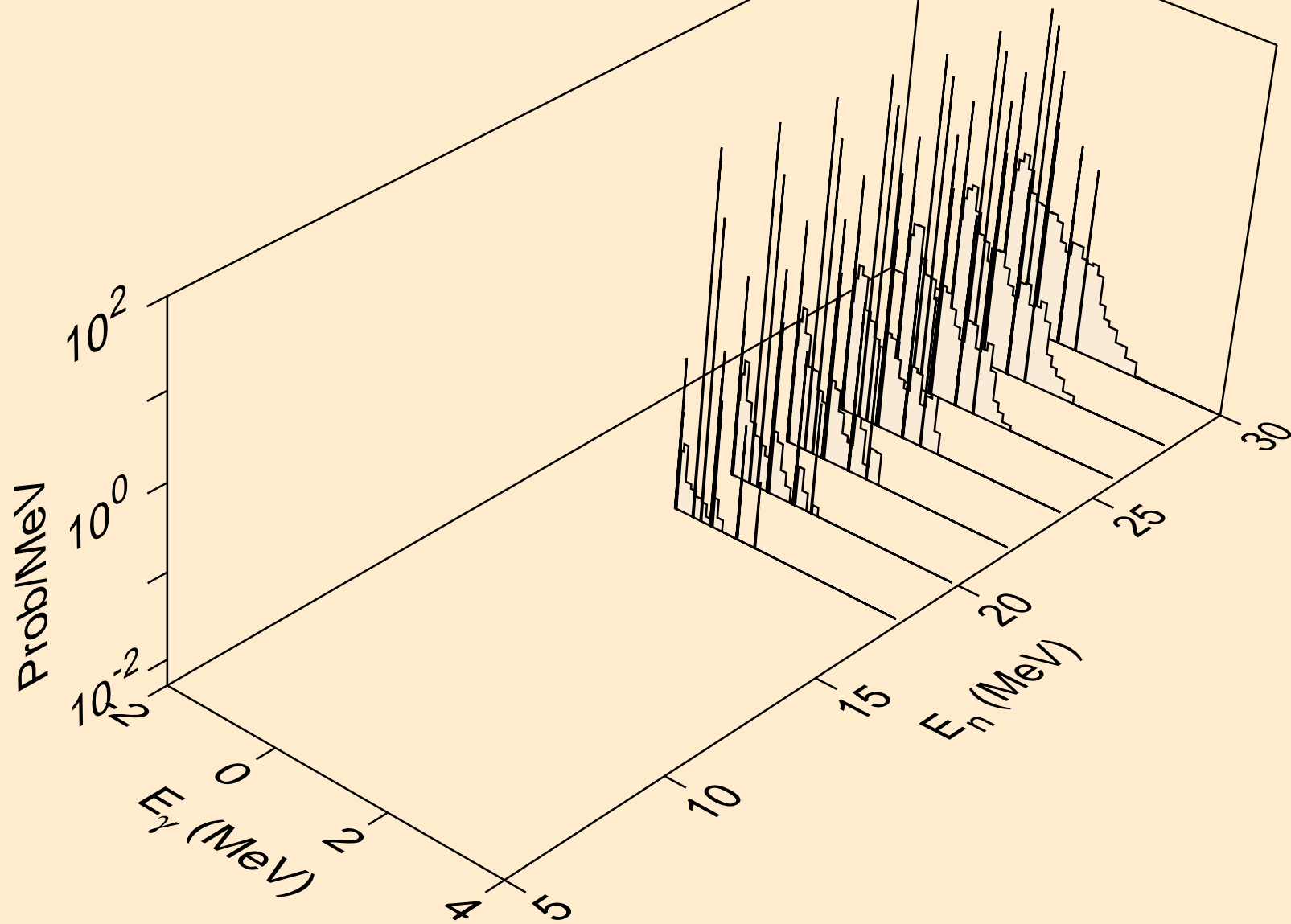




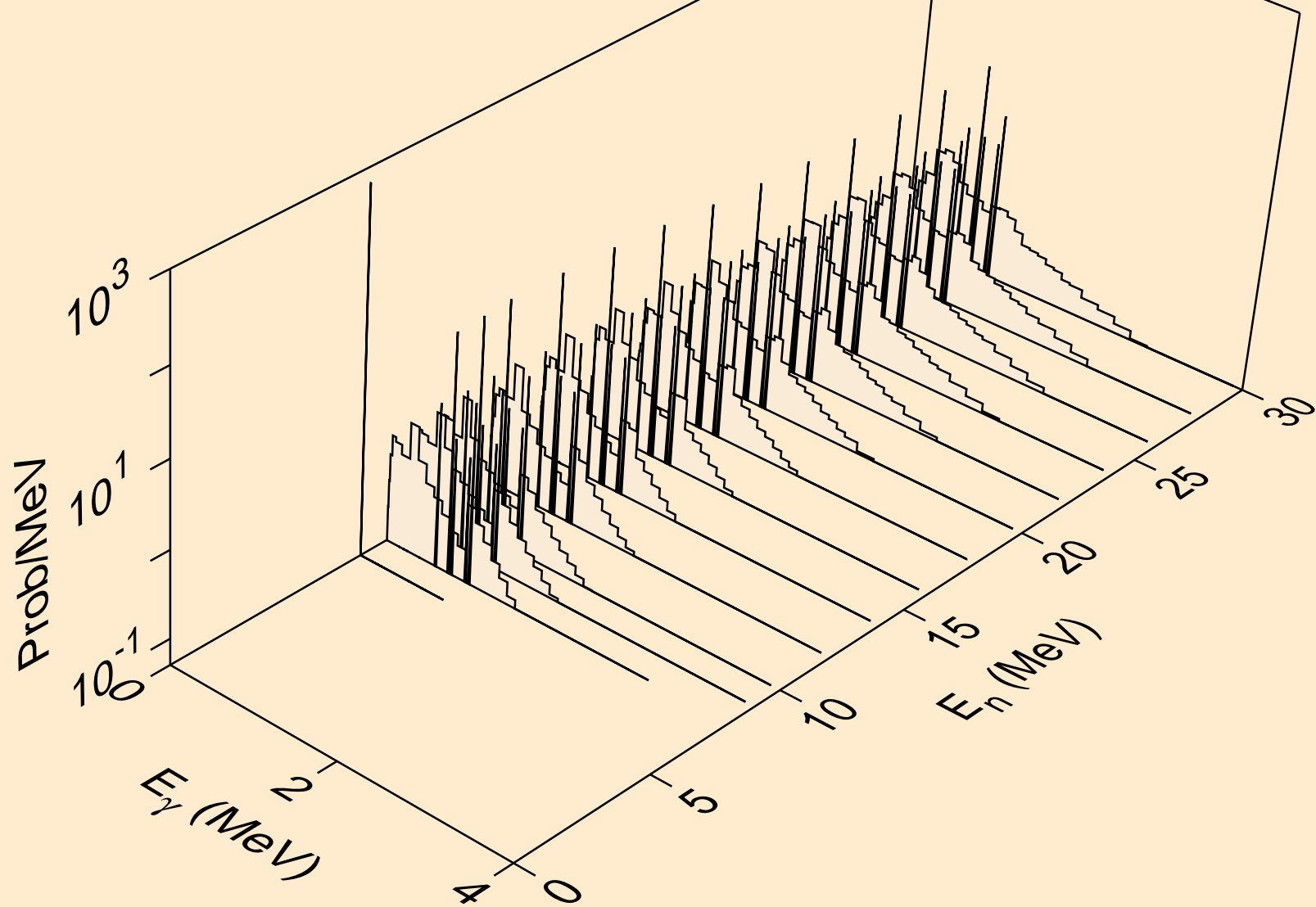
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Photon emission for (n,2n)a



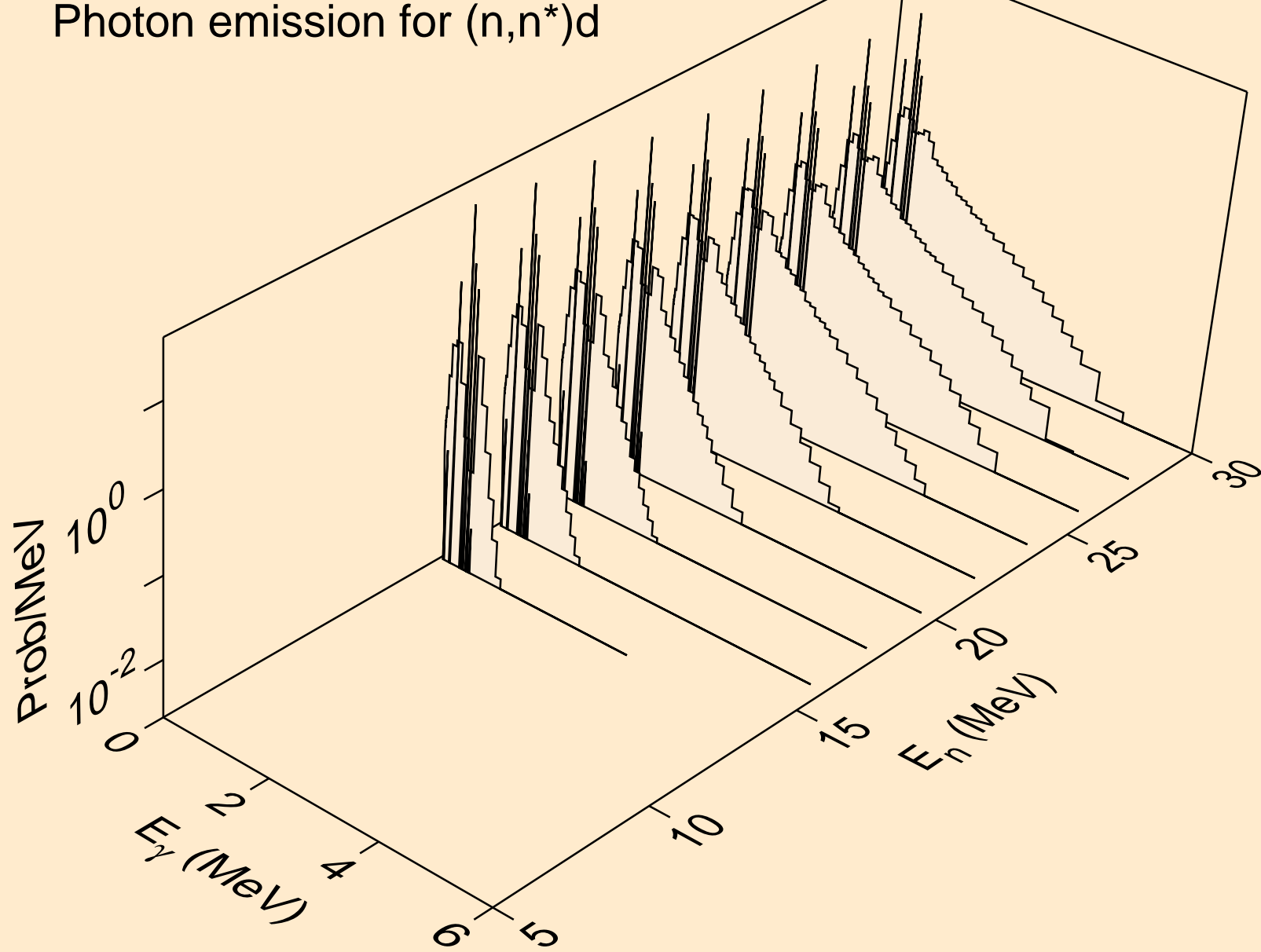
IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



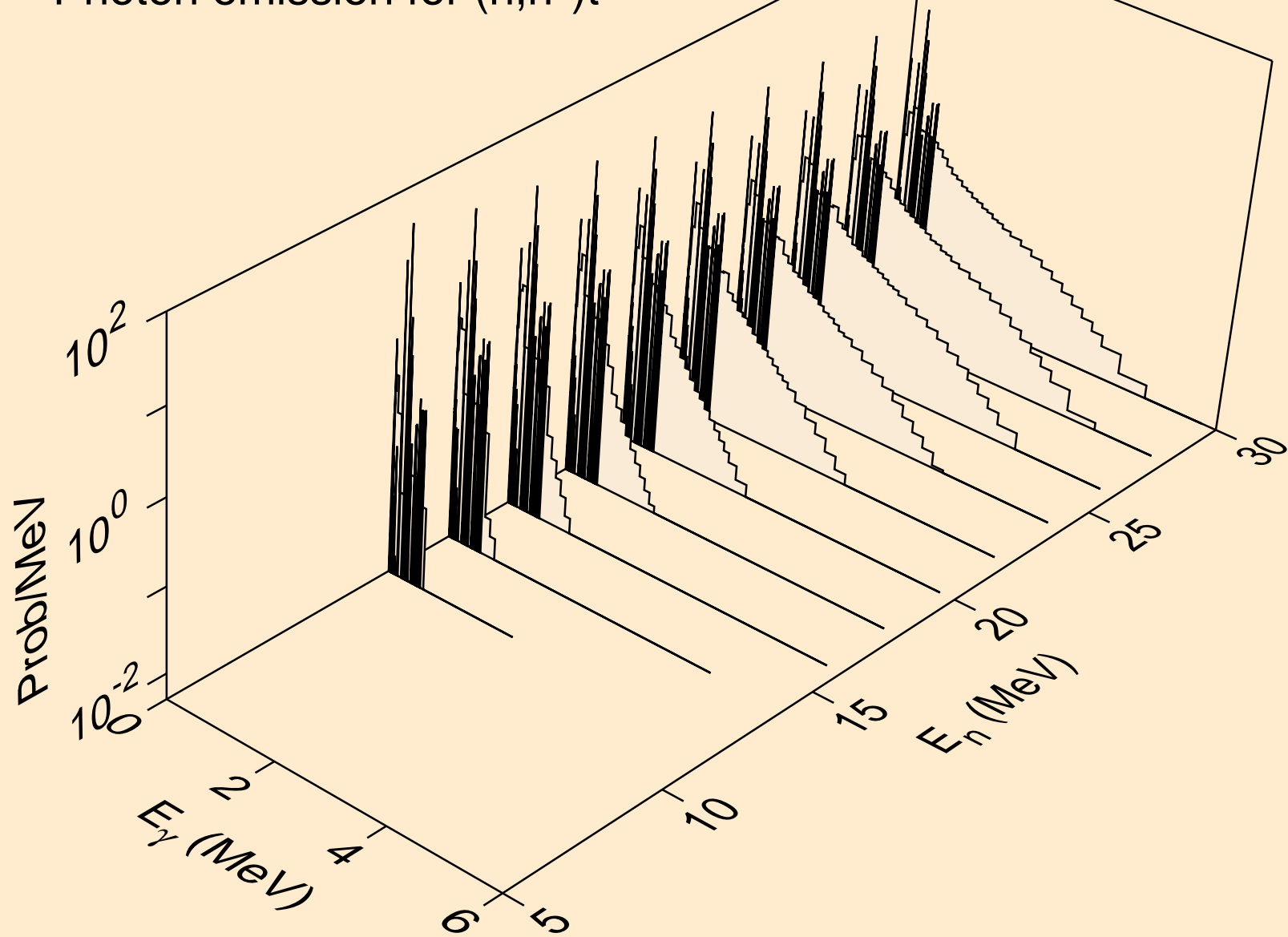
IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



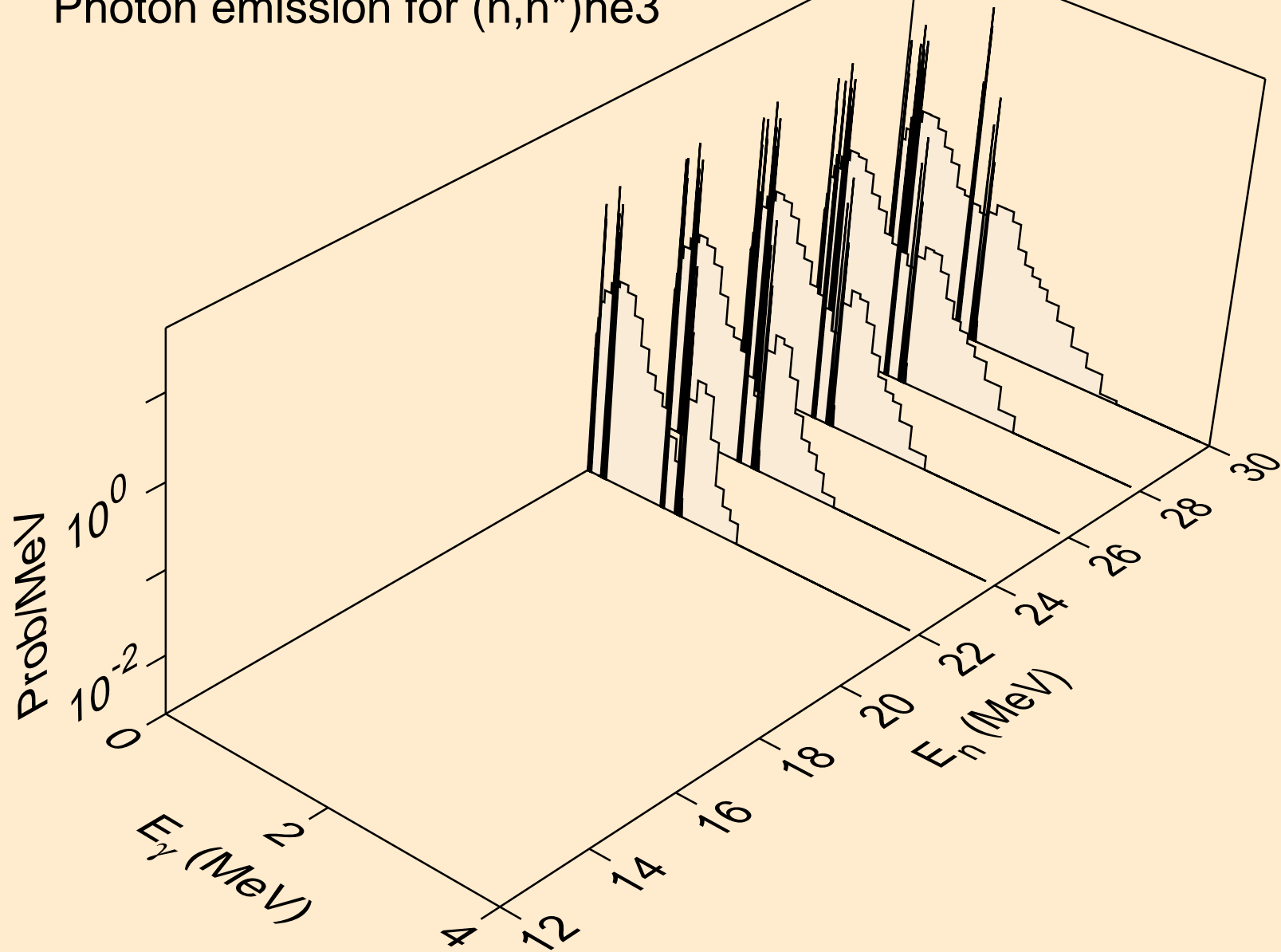
IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



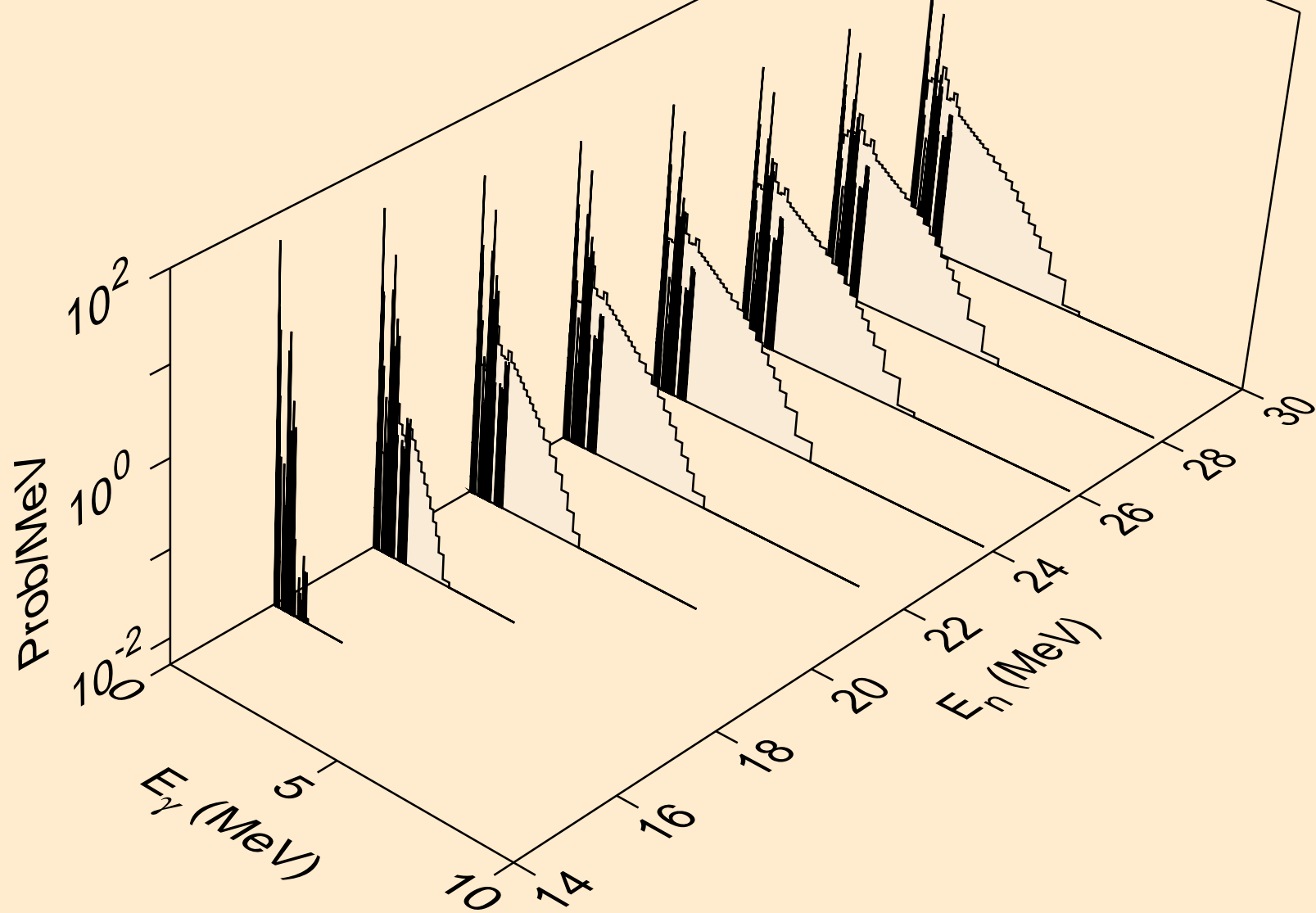
IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



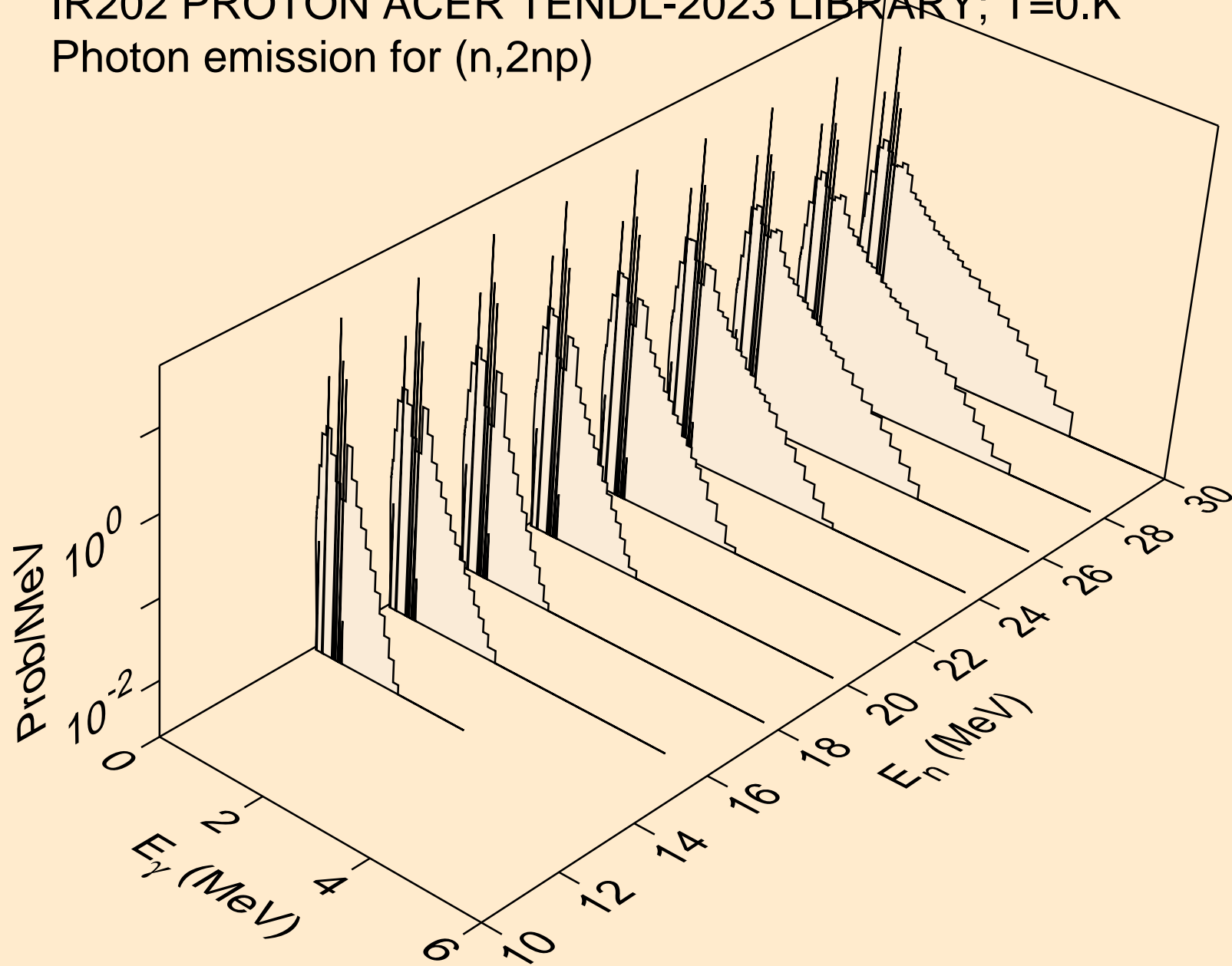
IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)

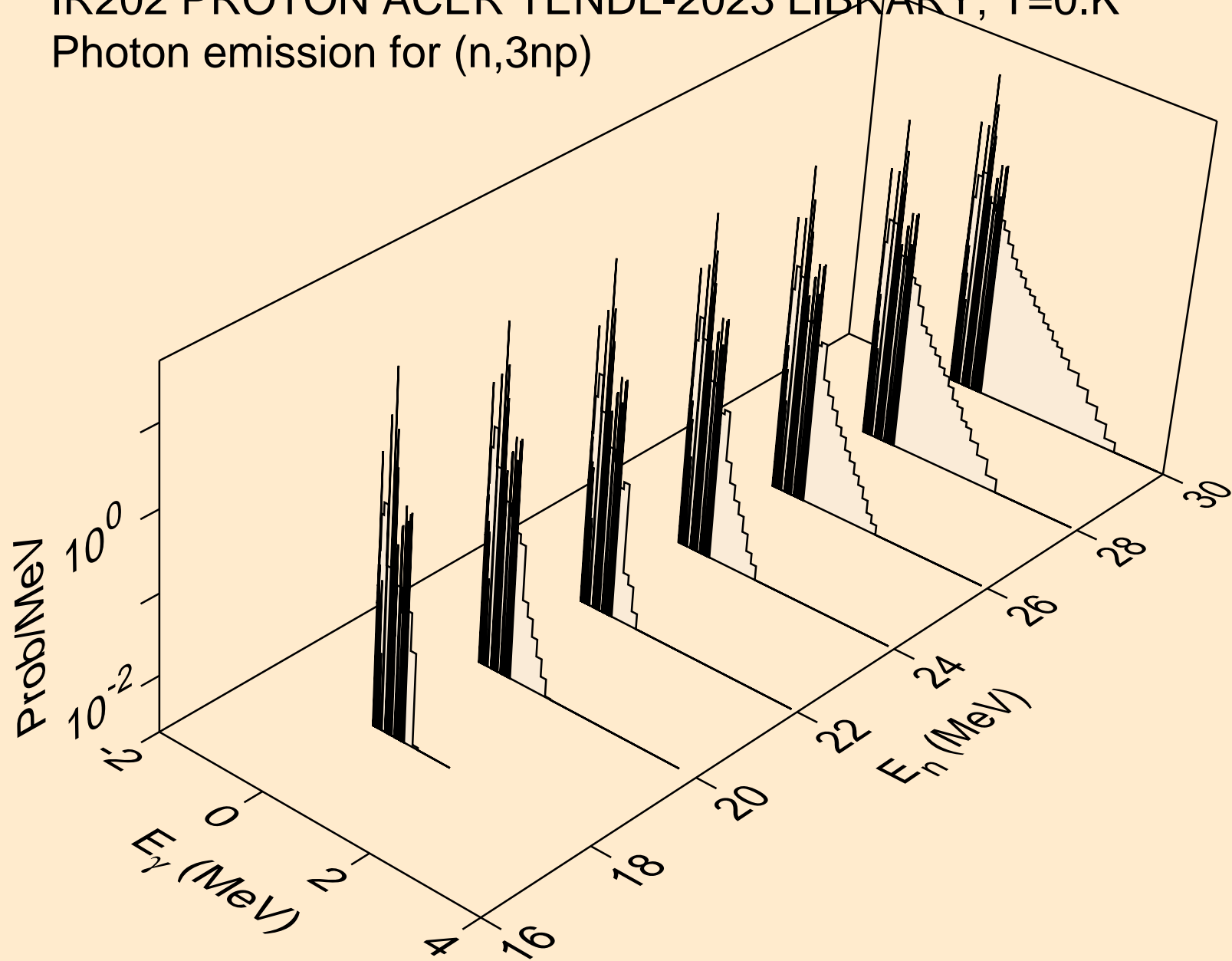


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Photon emission for (n,2np)

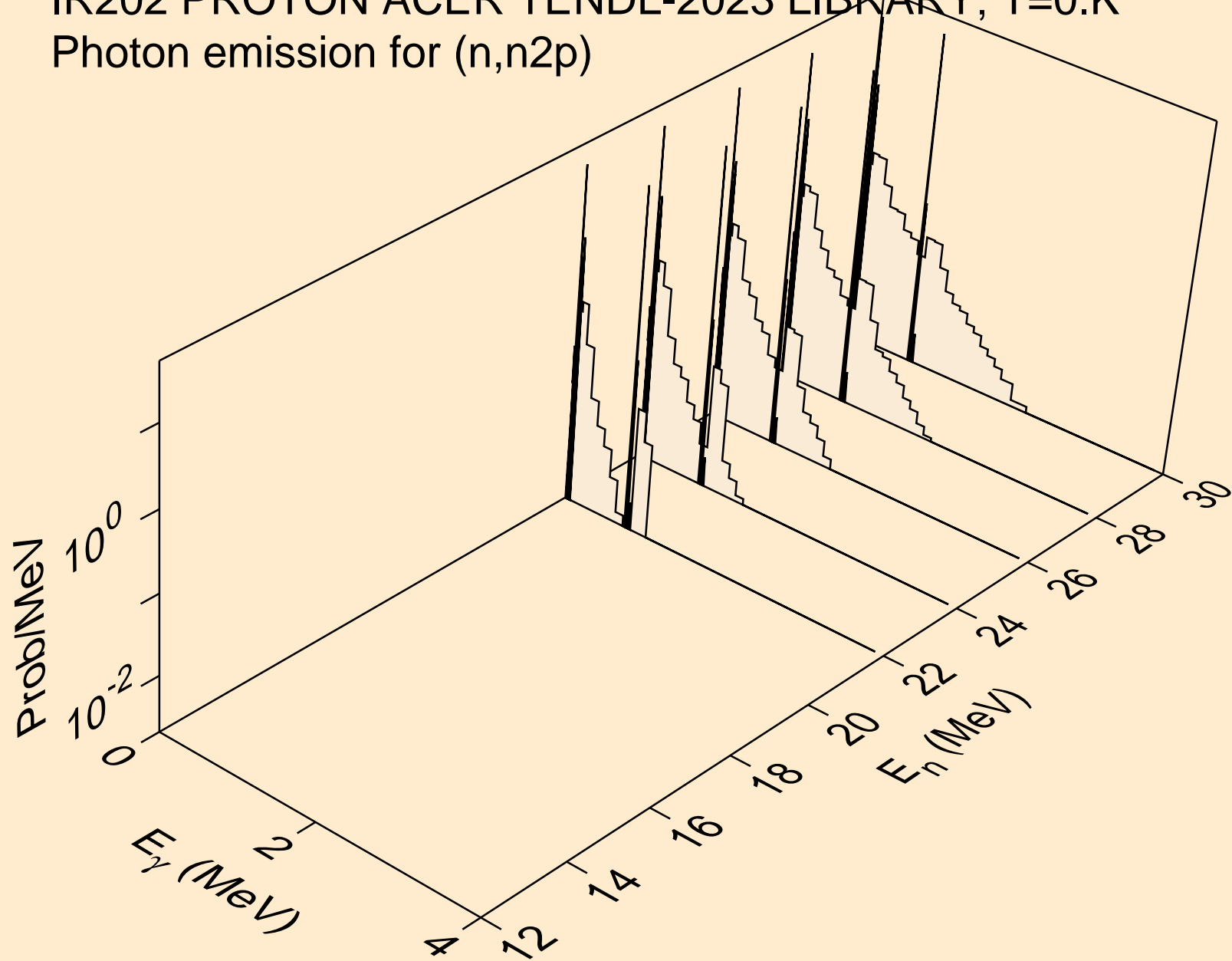




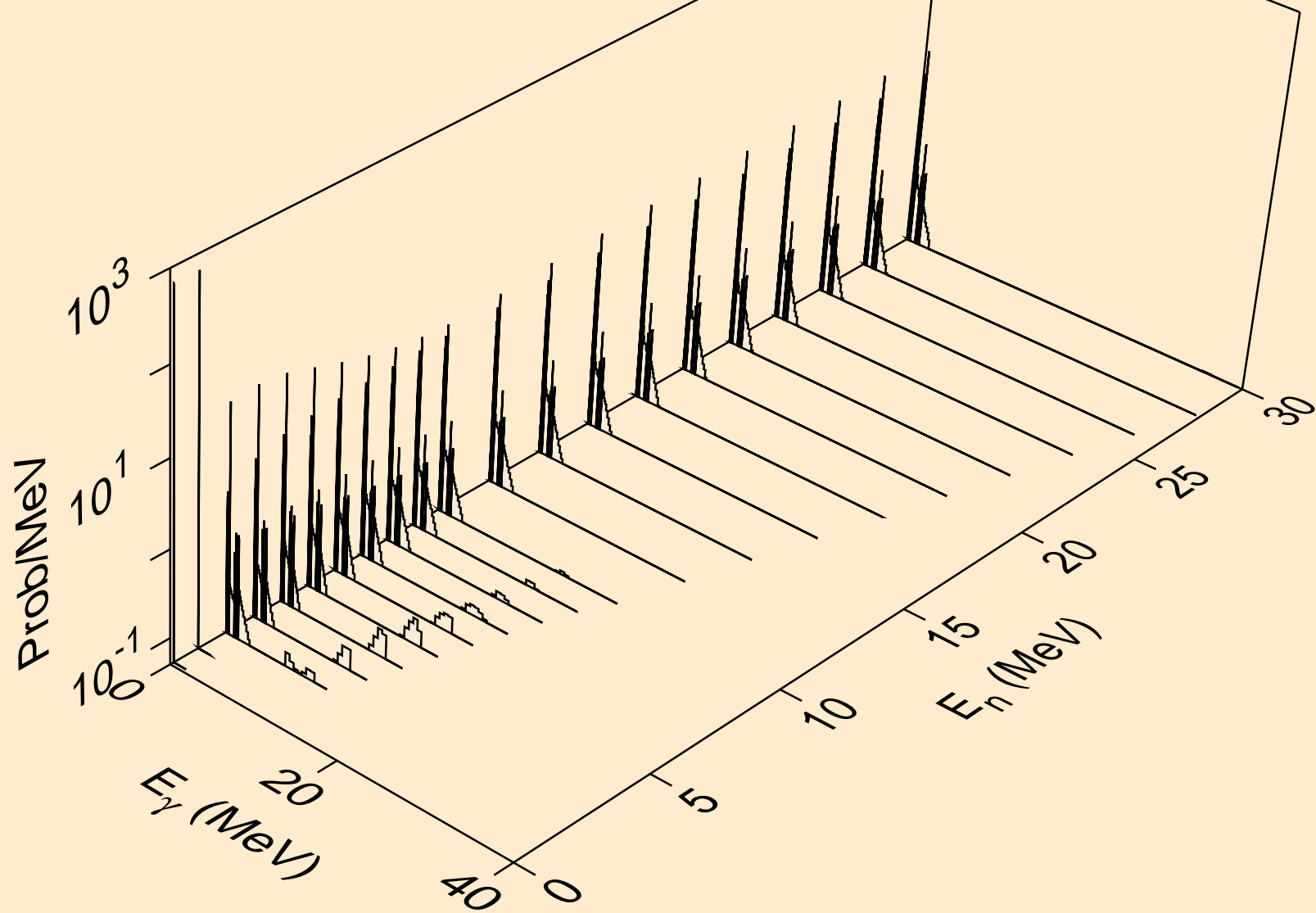
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Photon emission for (n,3np)



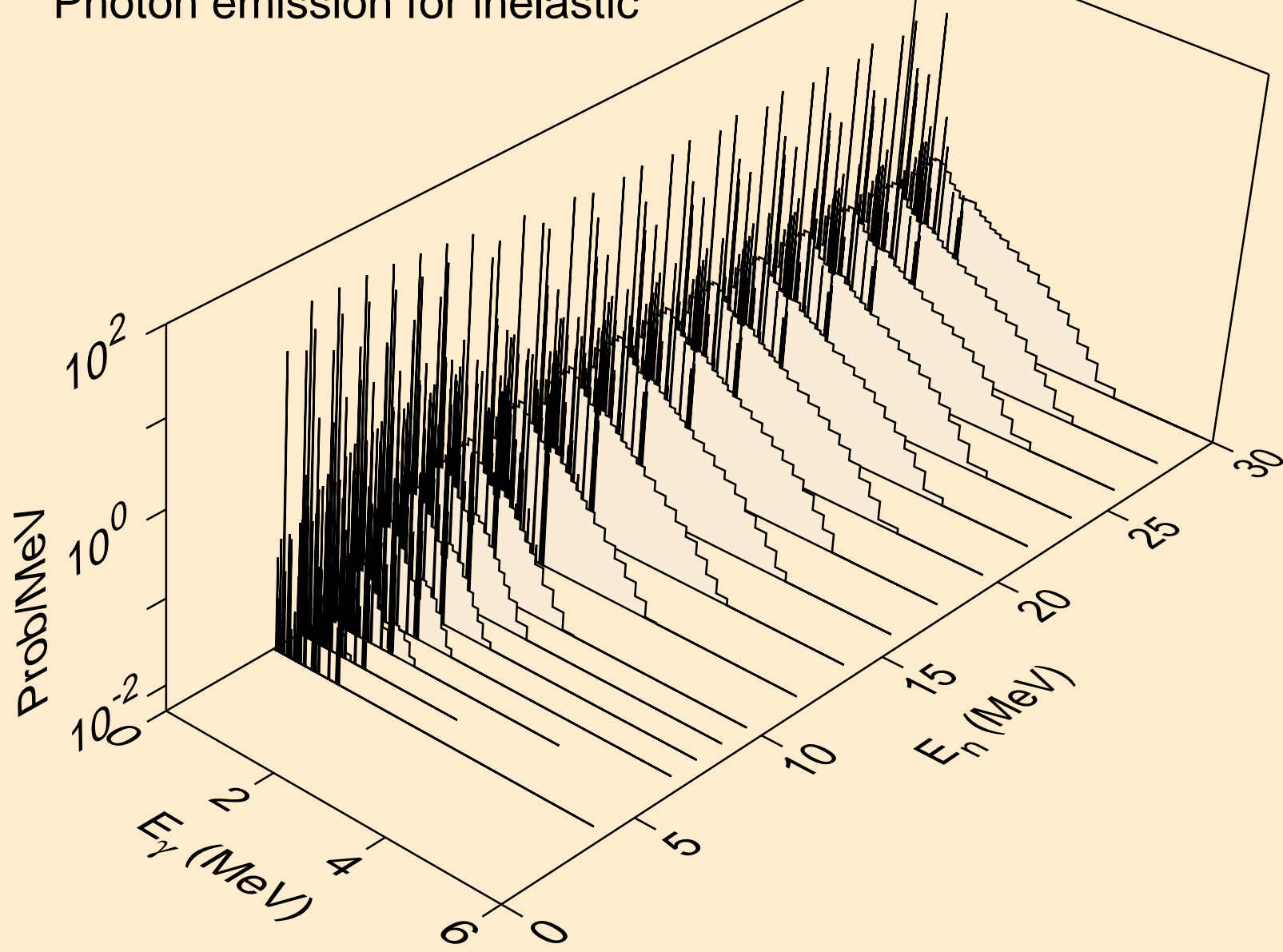
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Photon emission for (n,n2p)



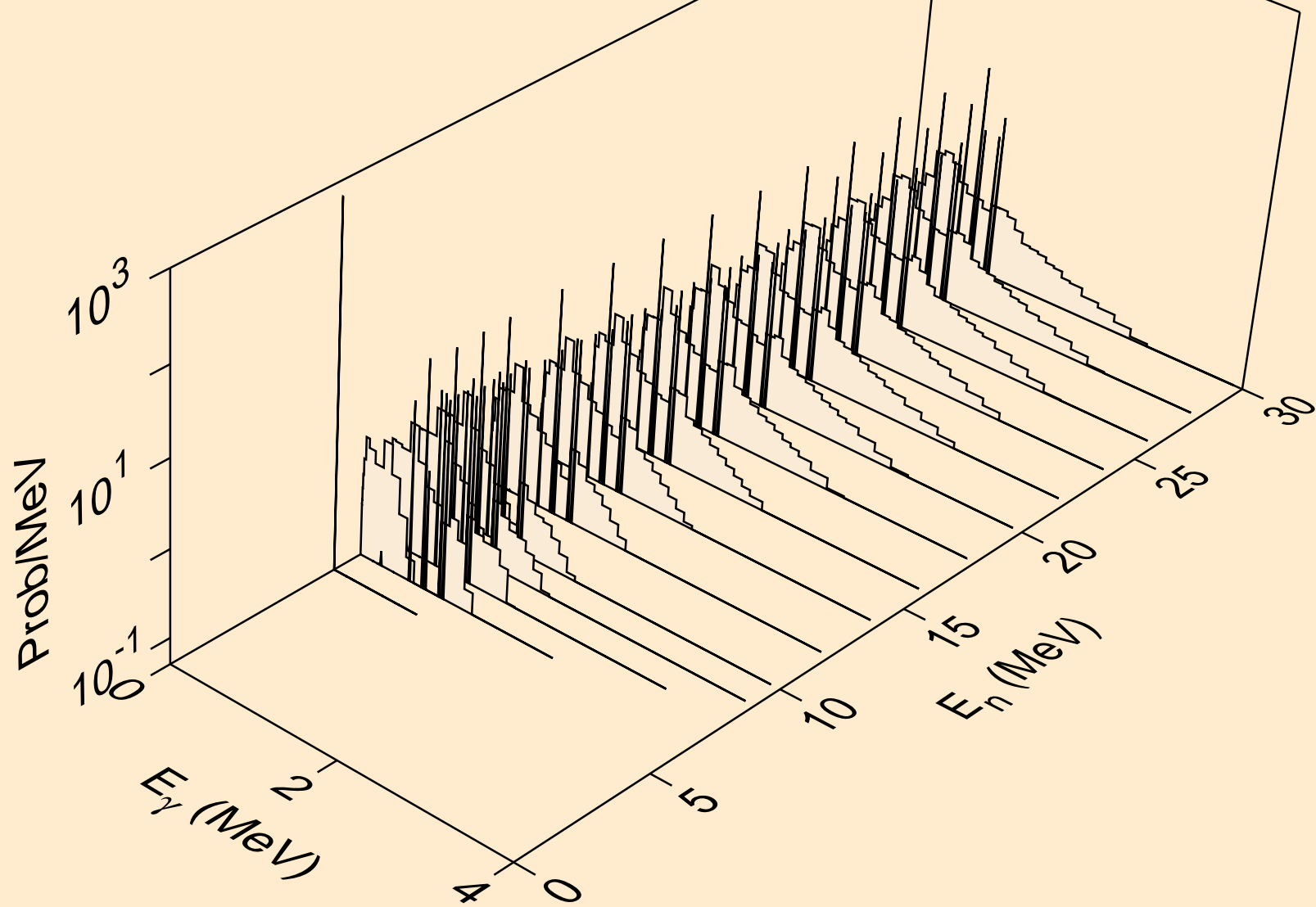
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Photon emission for (n,gma)



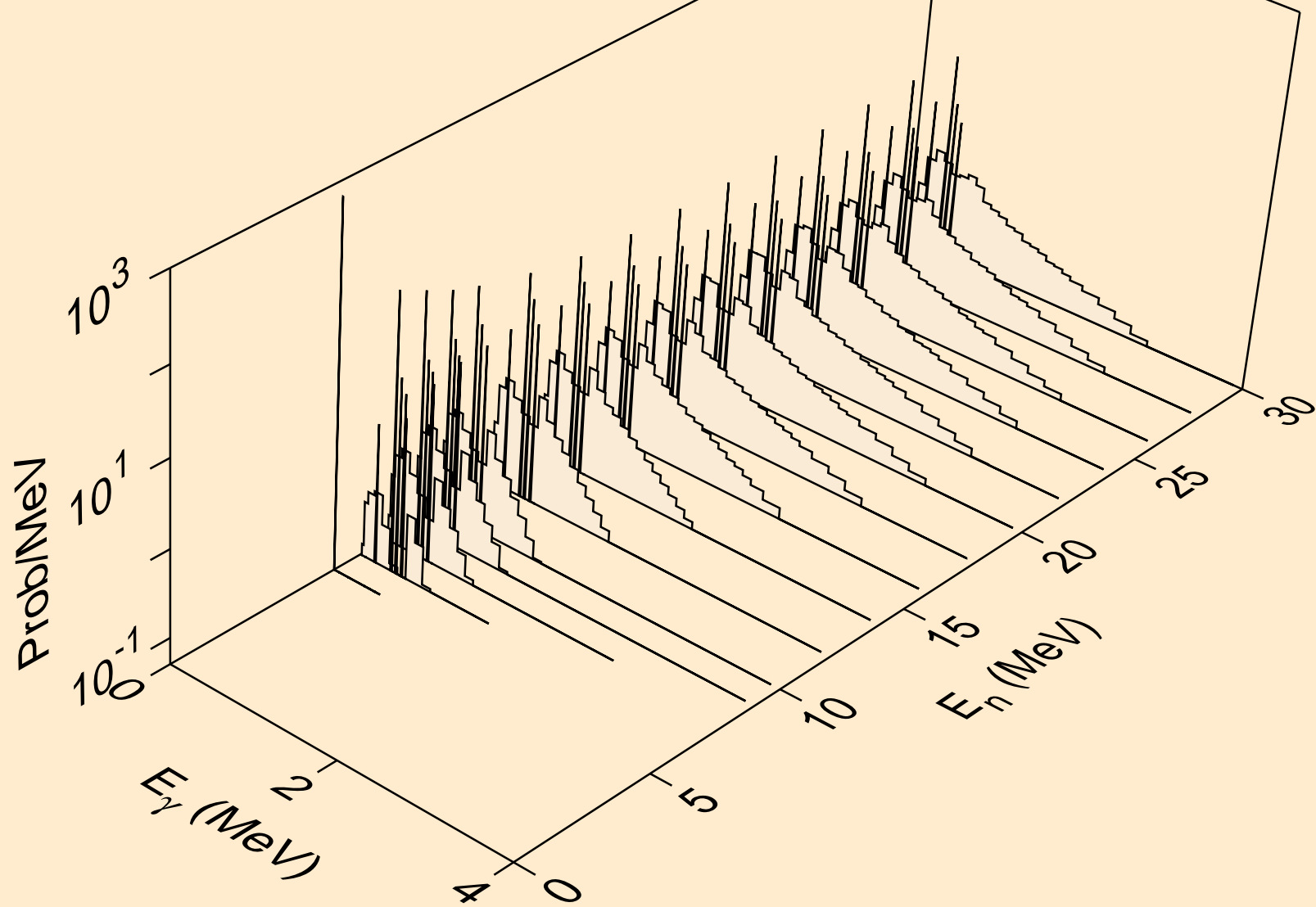
IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



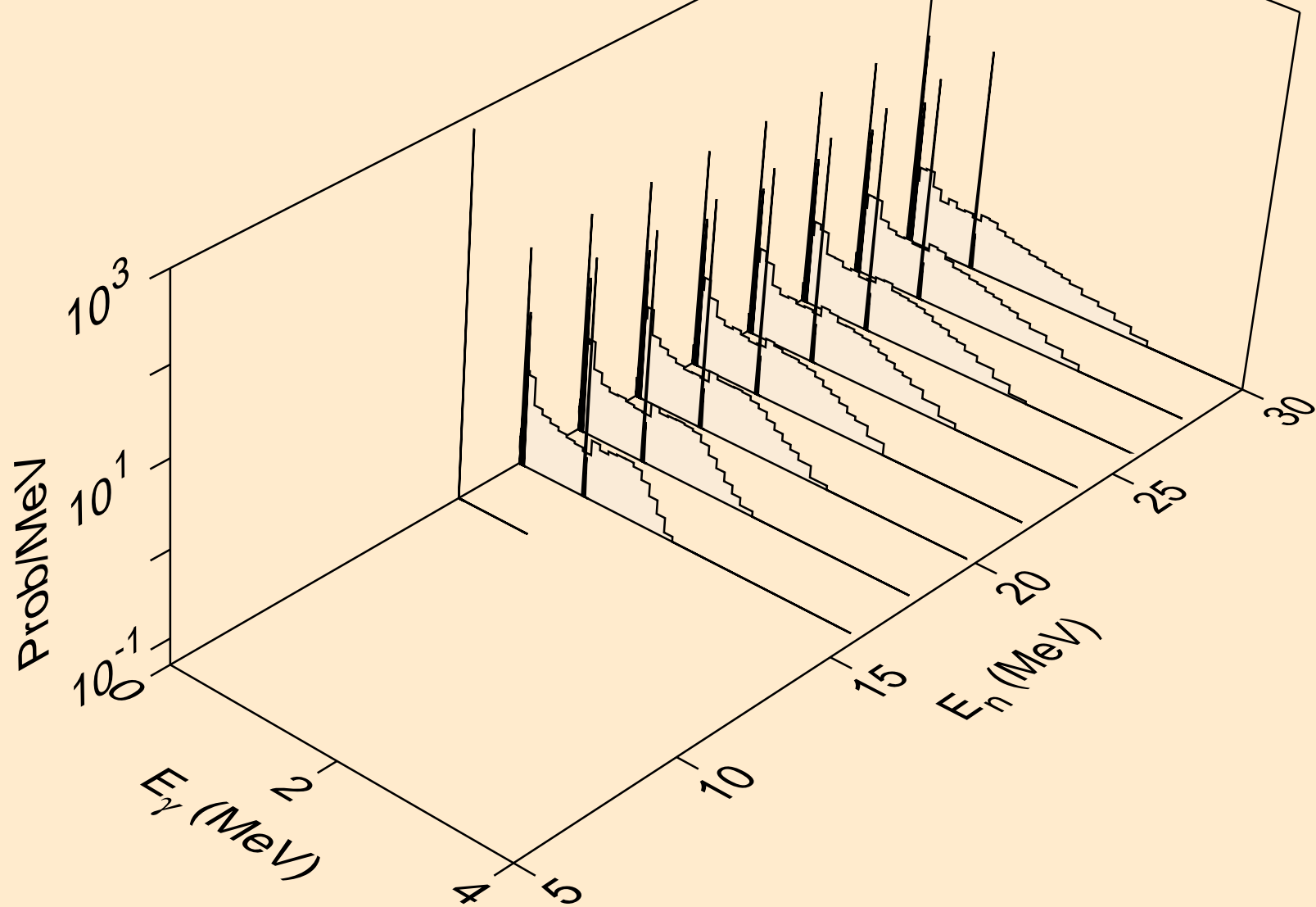
IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



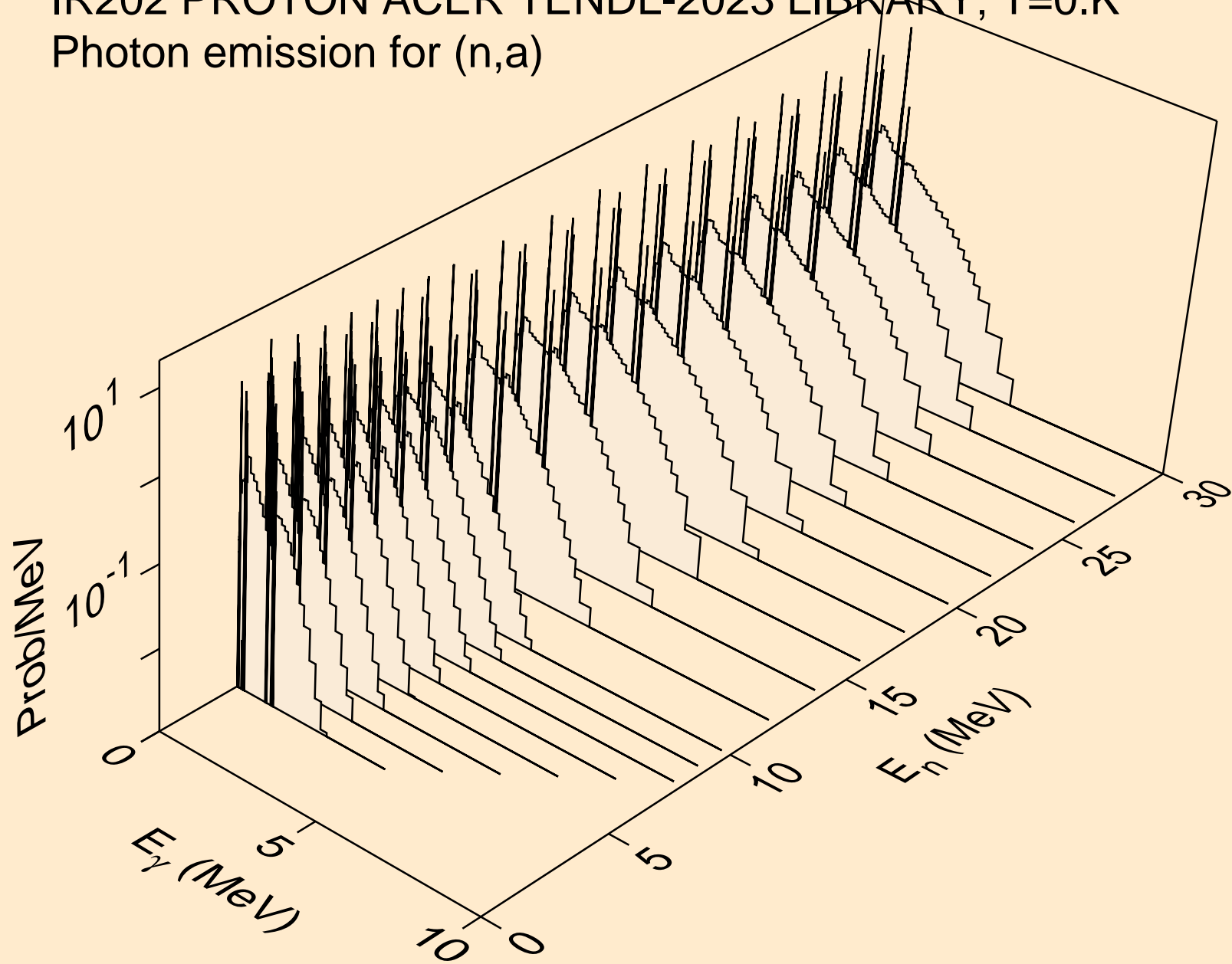
IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)

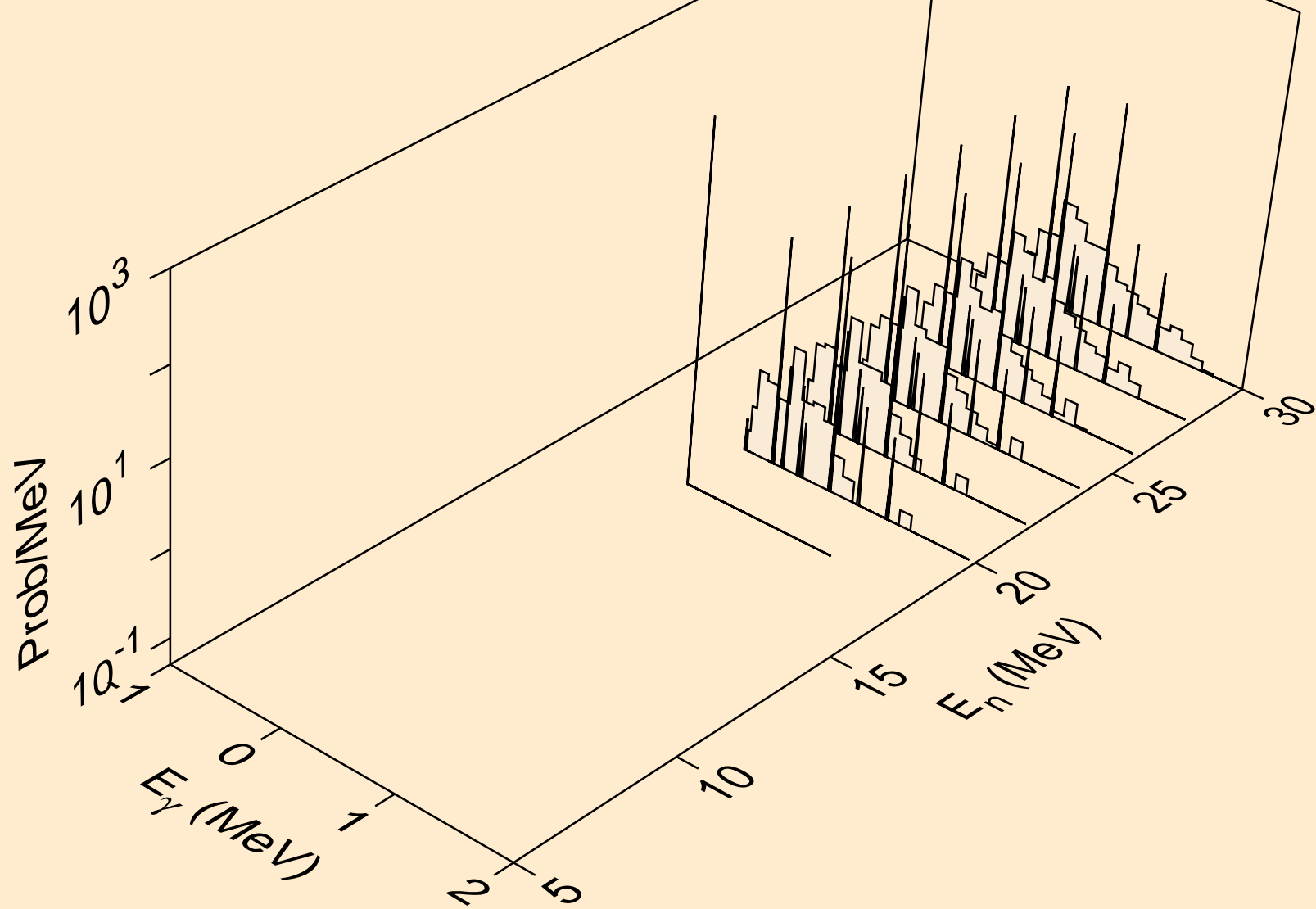


IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)

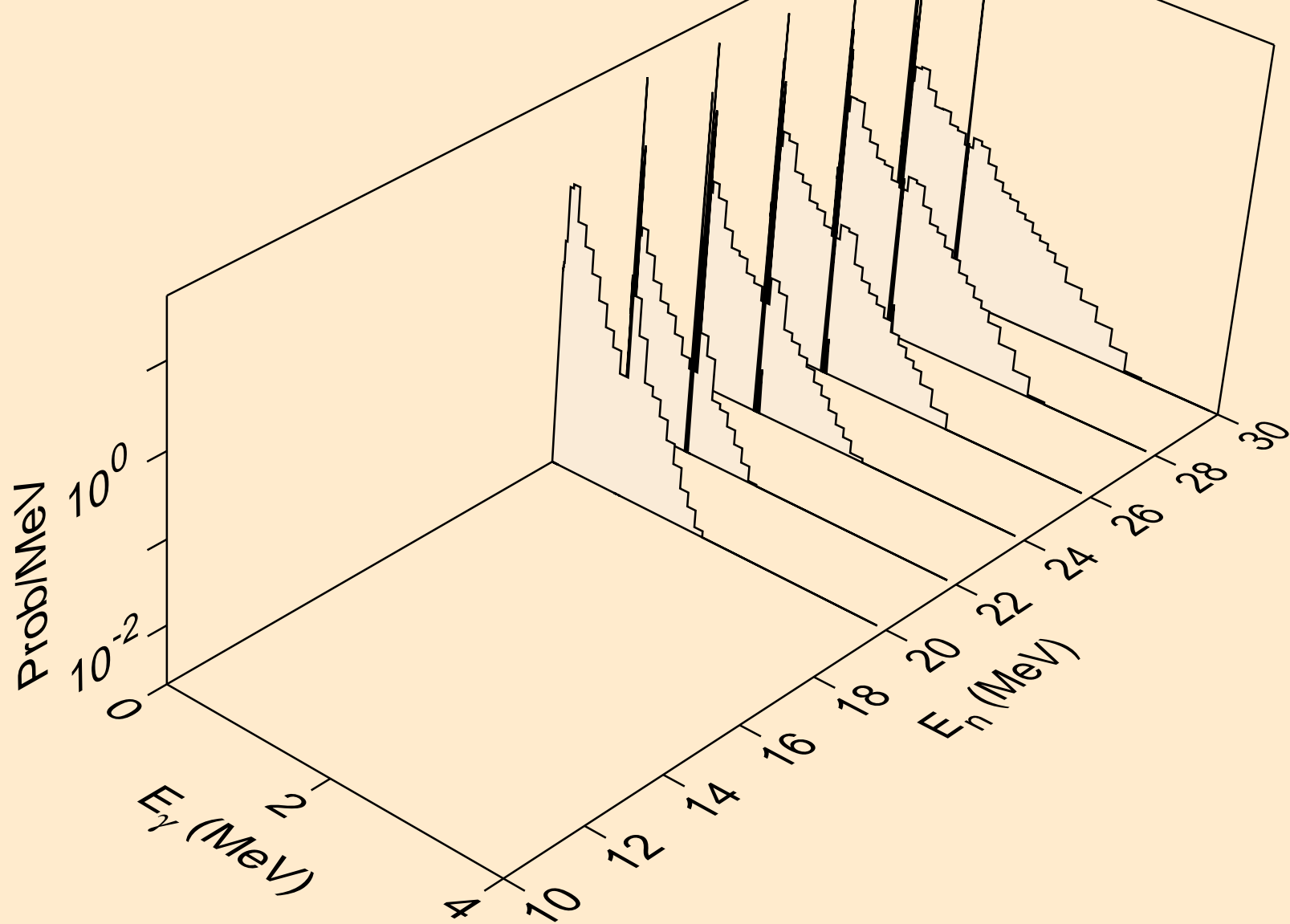




IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

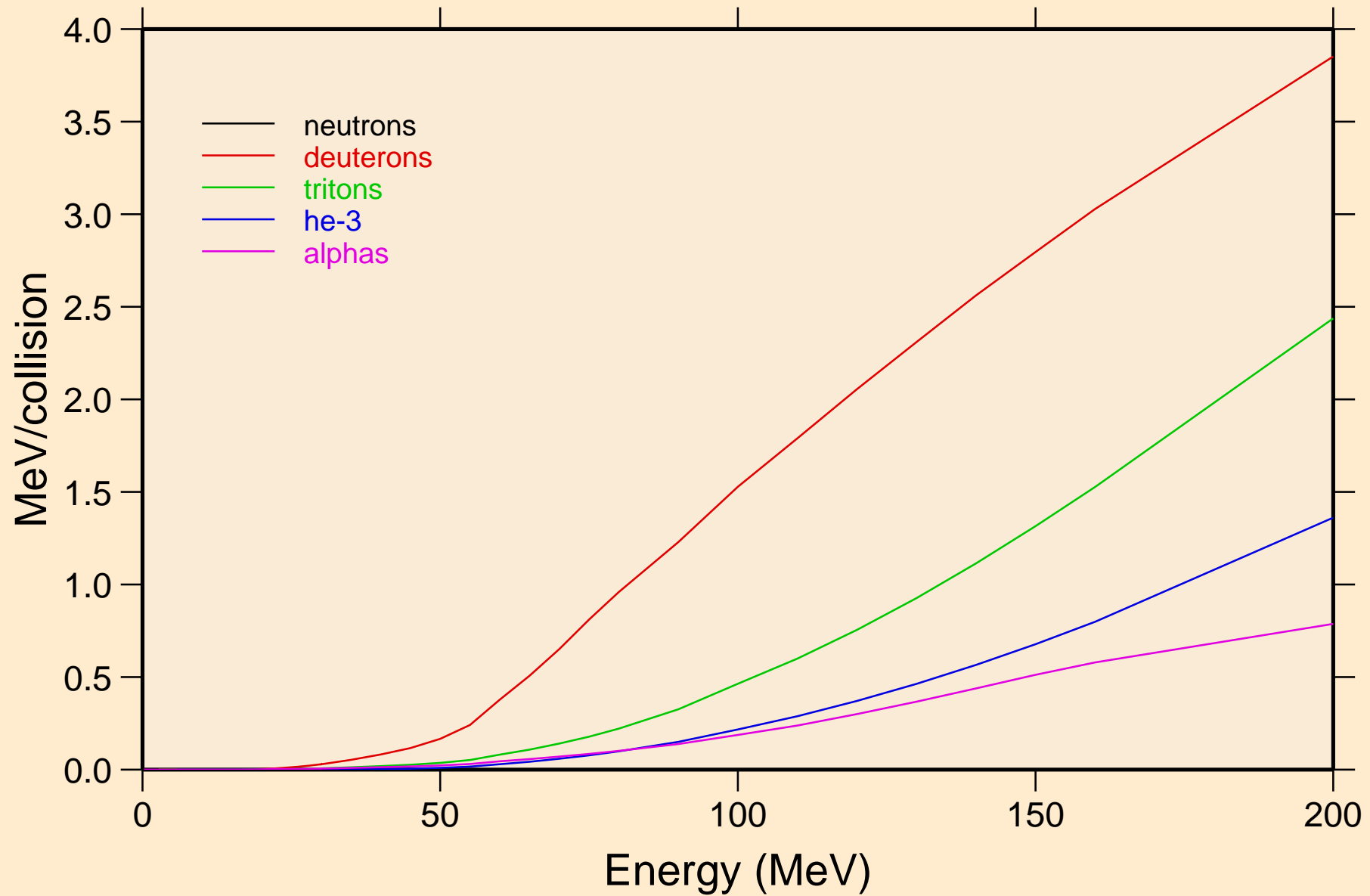


IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)

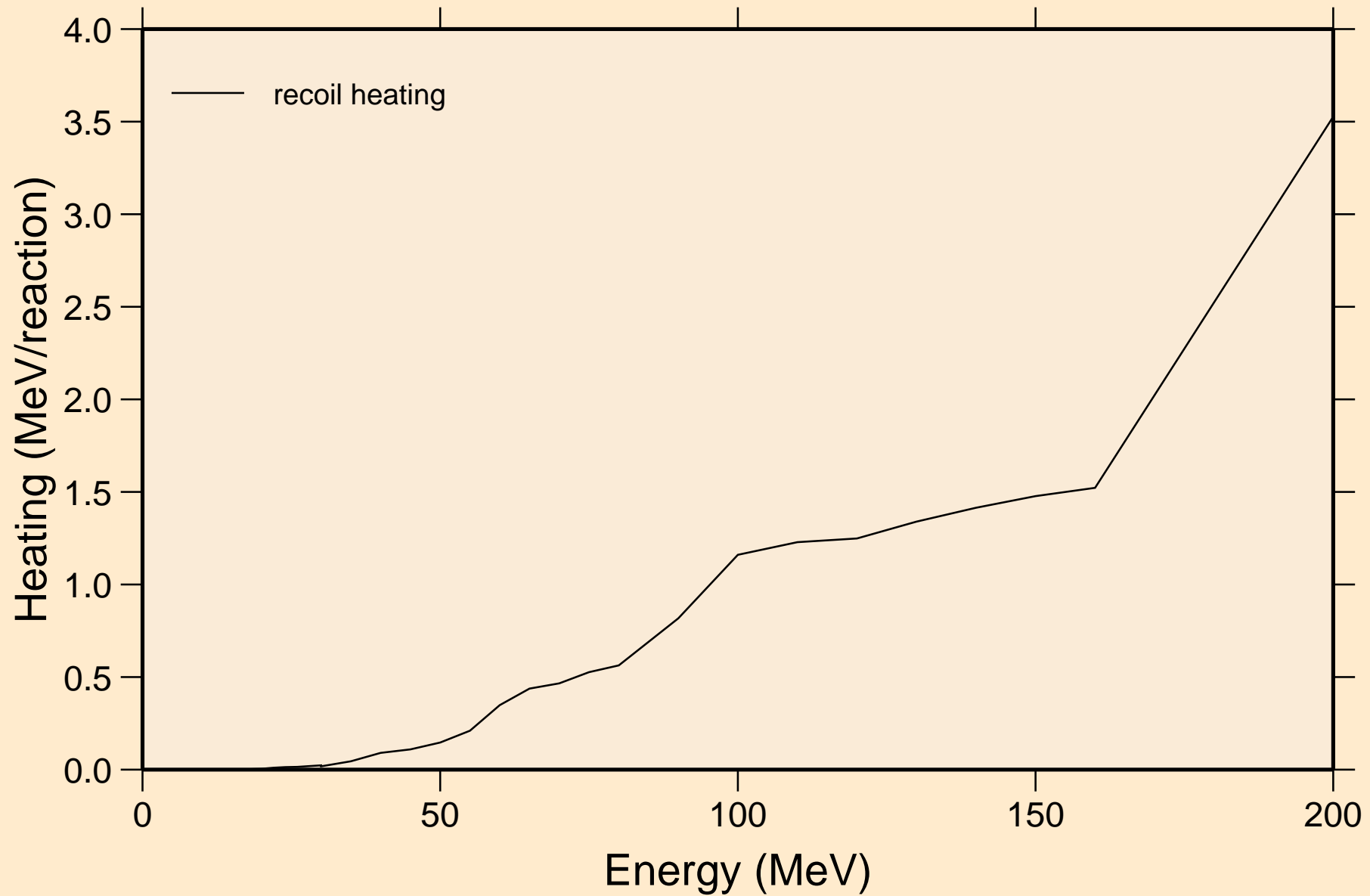


# IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K

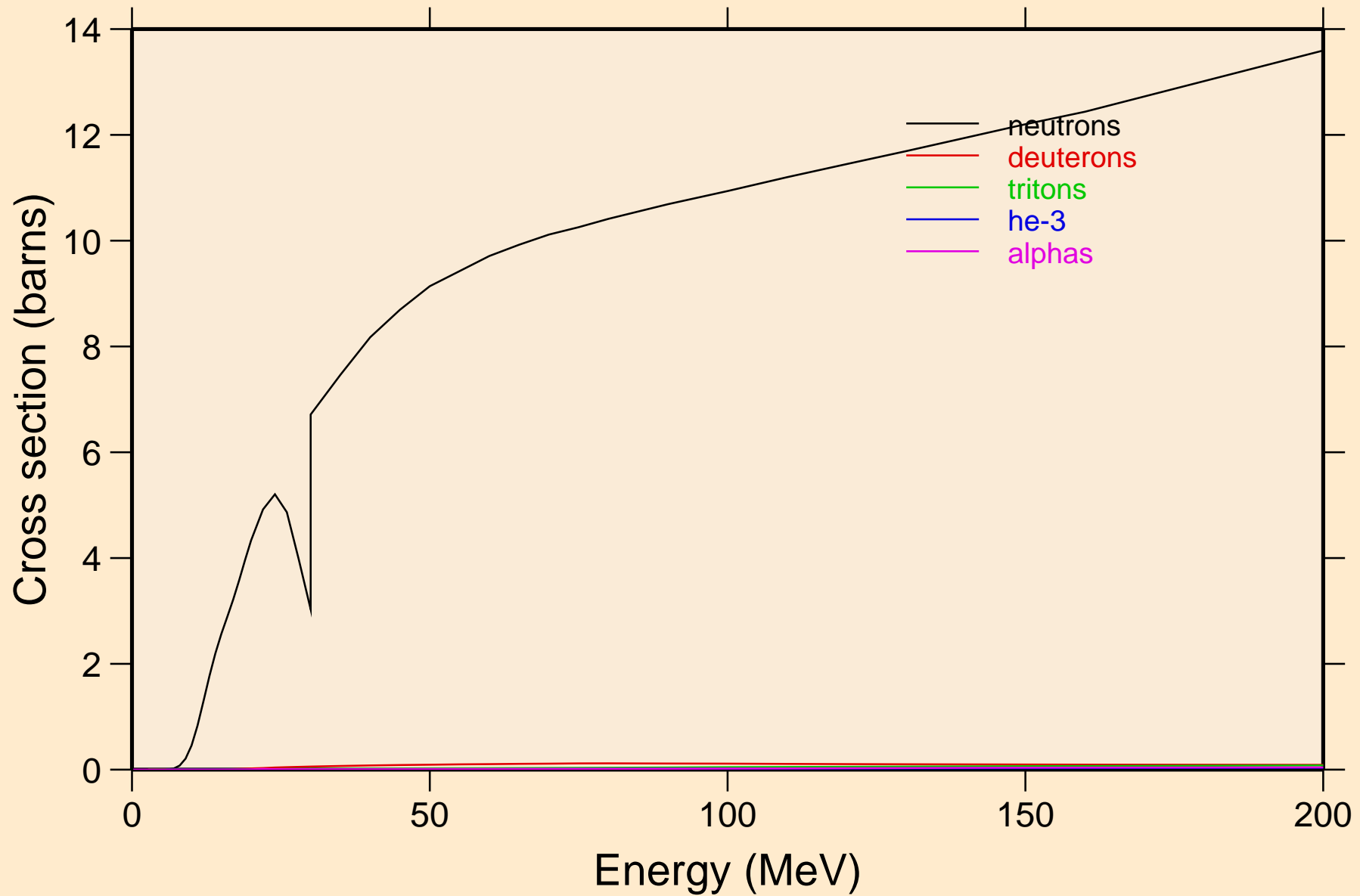
## Particle heating contributions



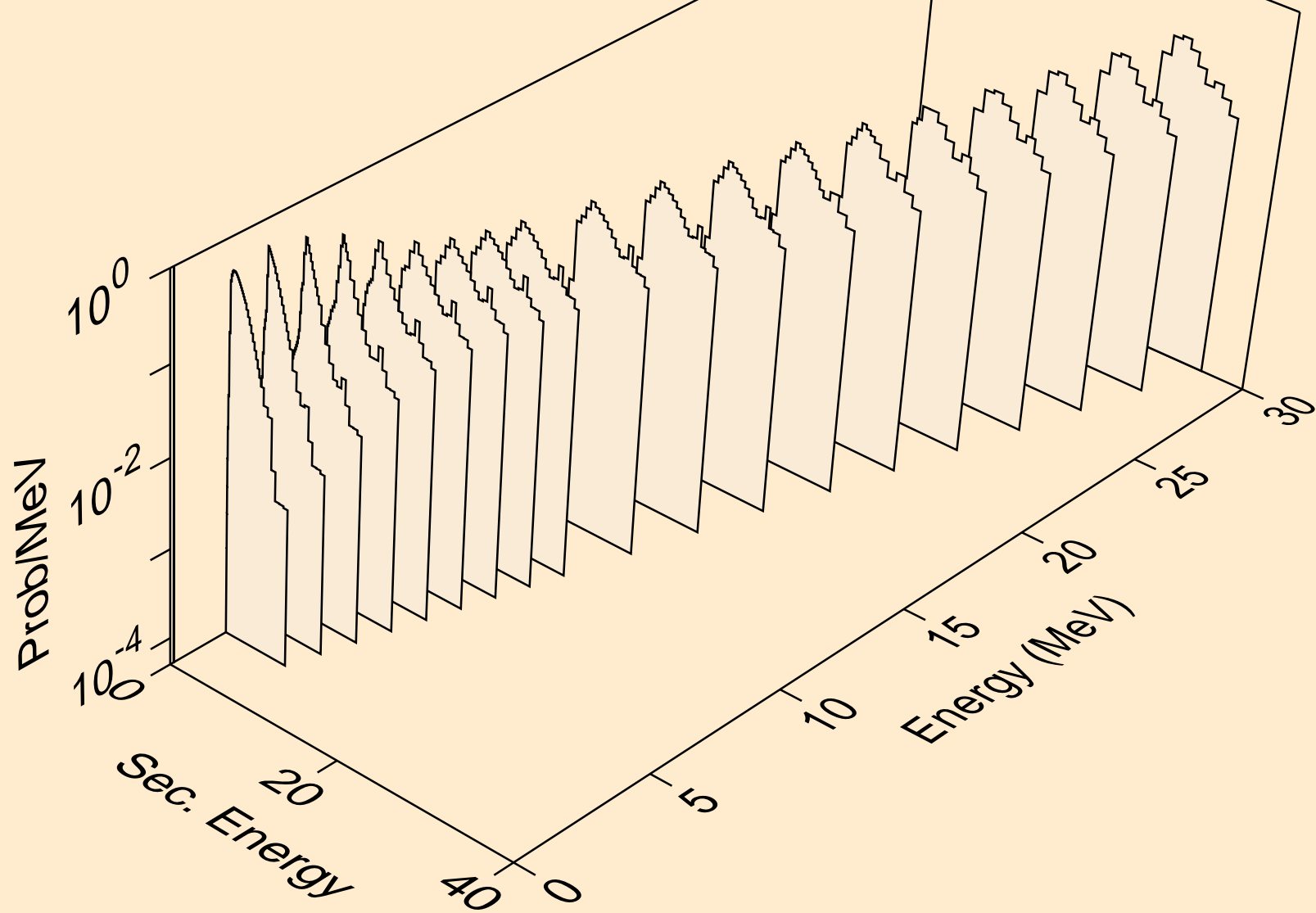
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Recoil Heating



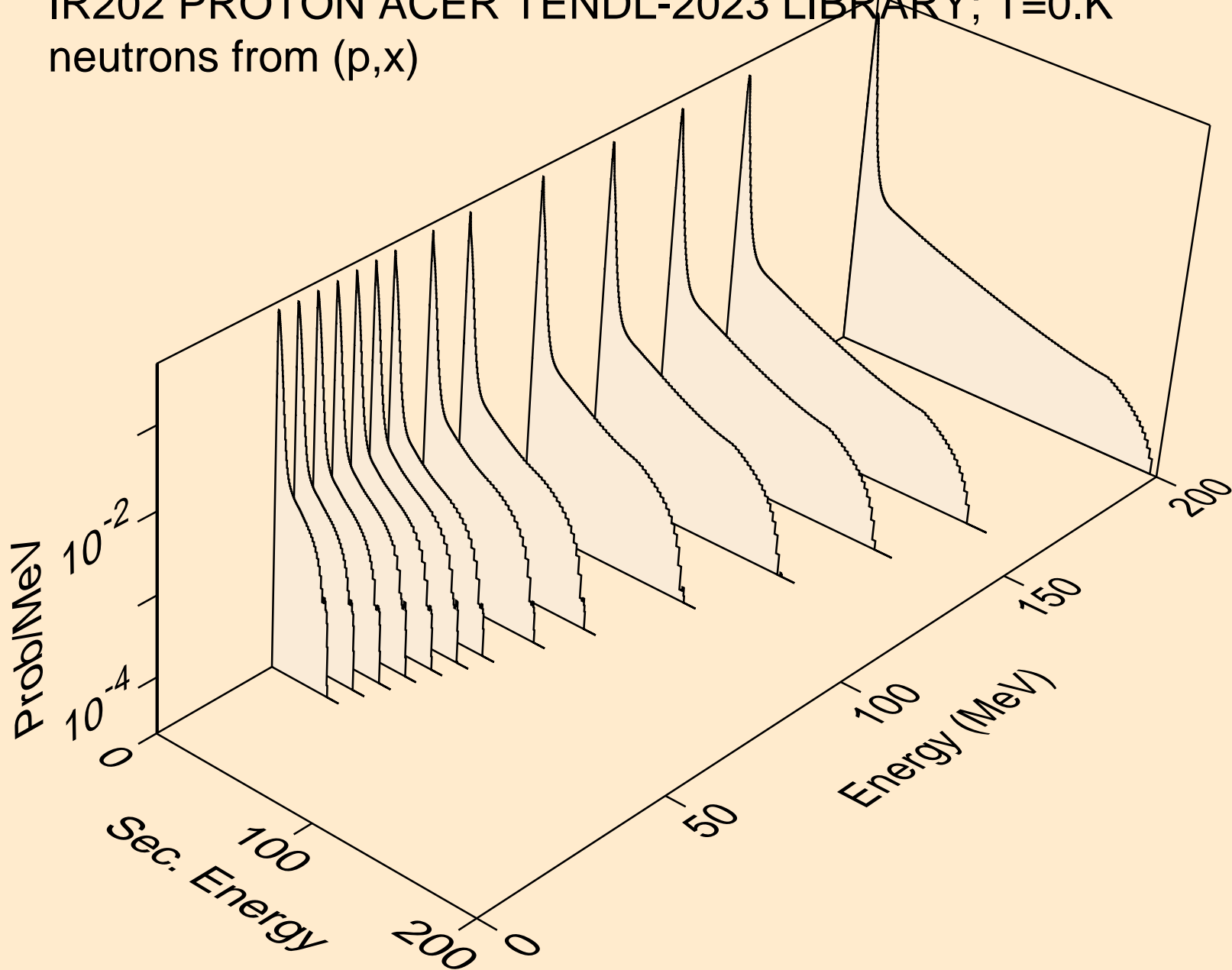
IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



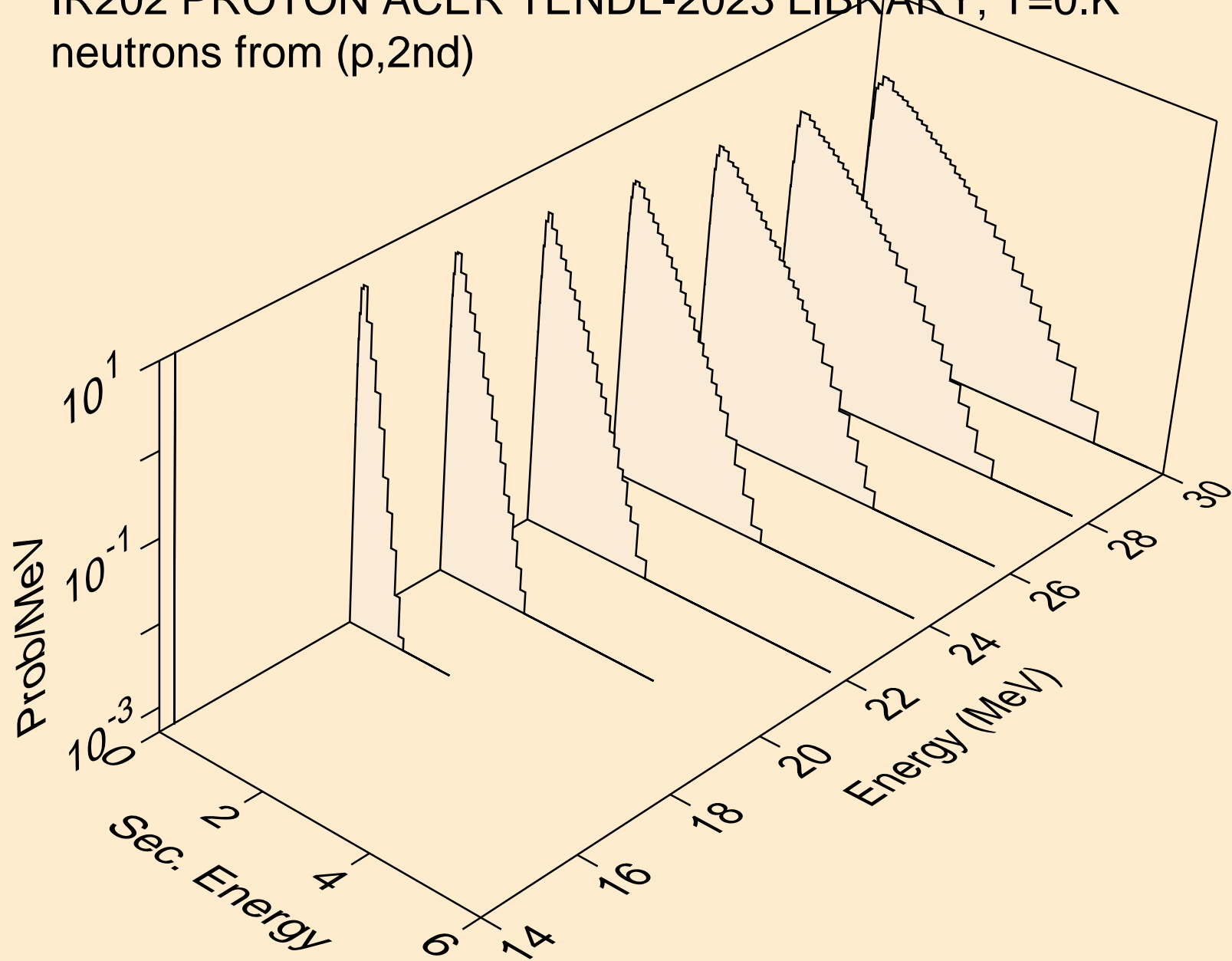
IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)

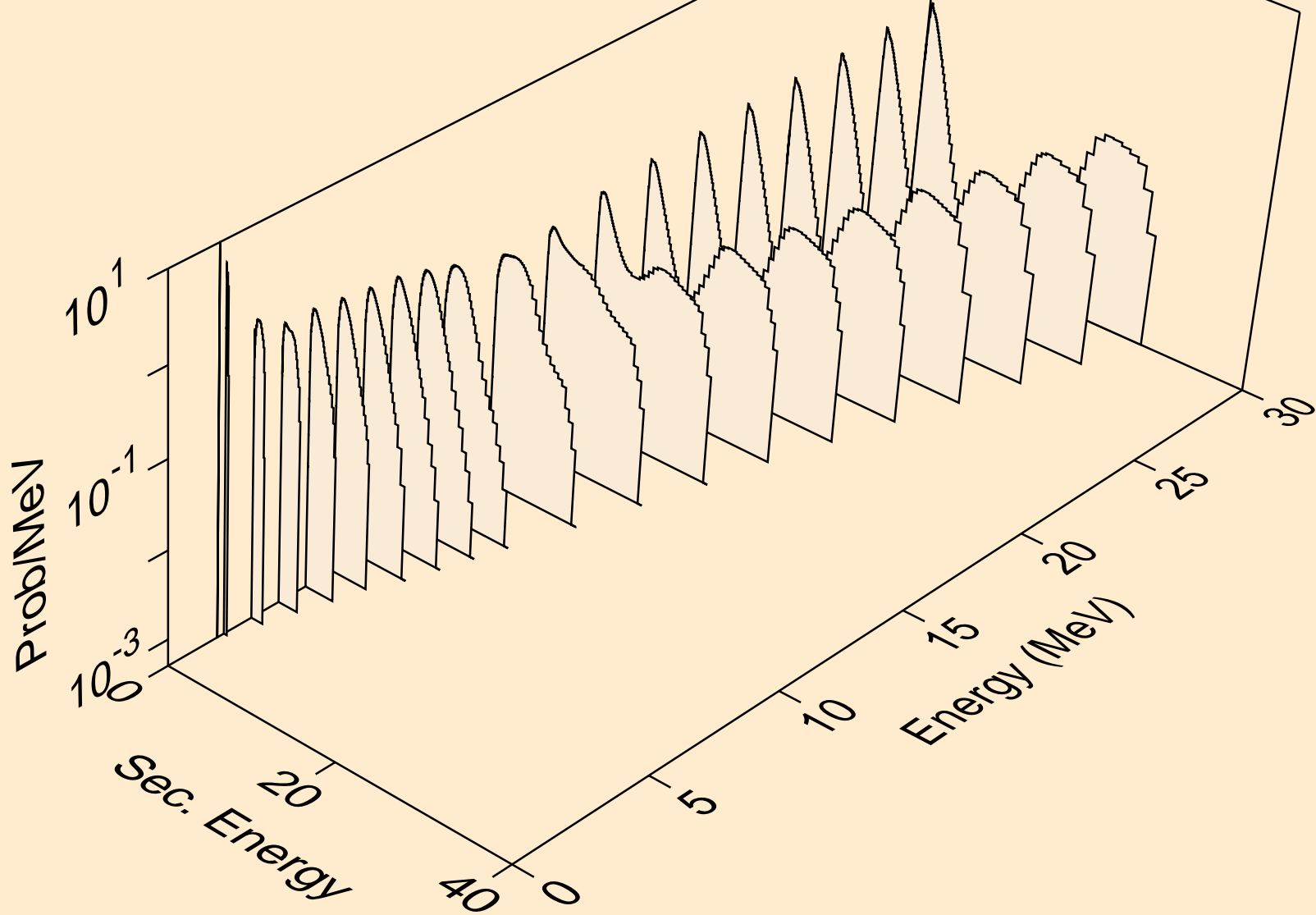


IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2nd)

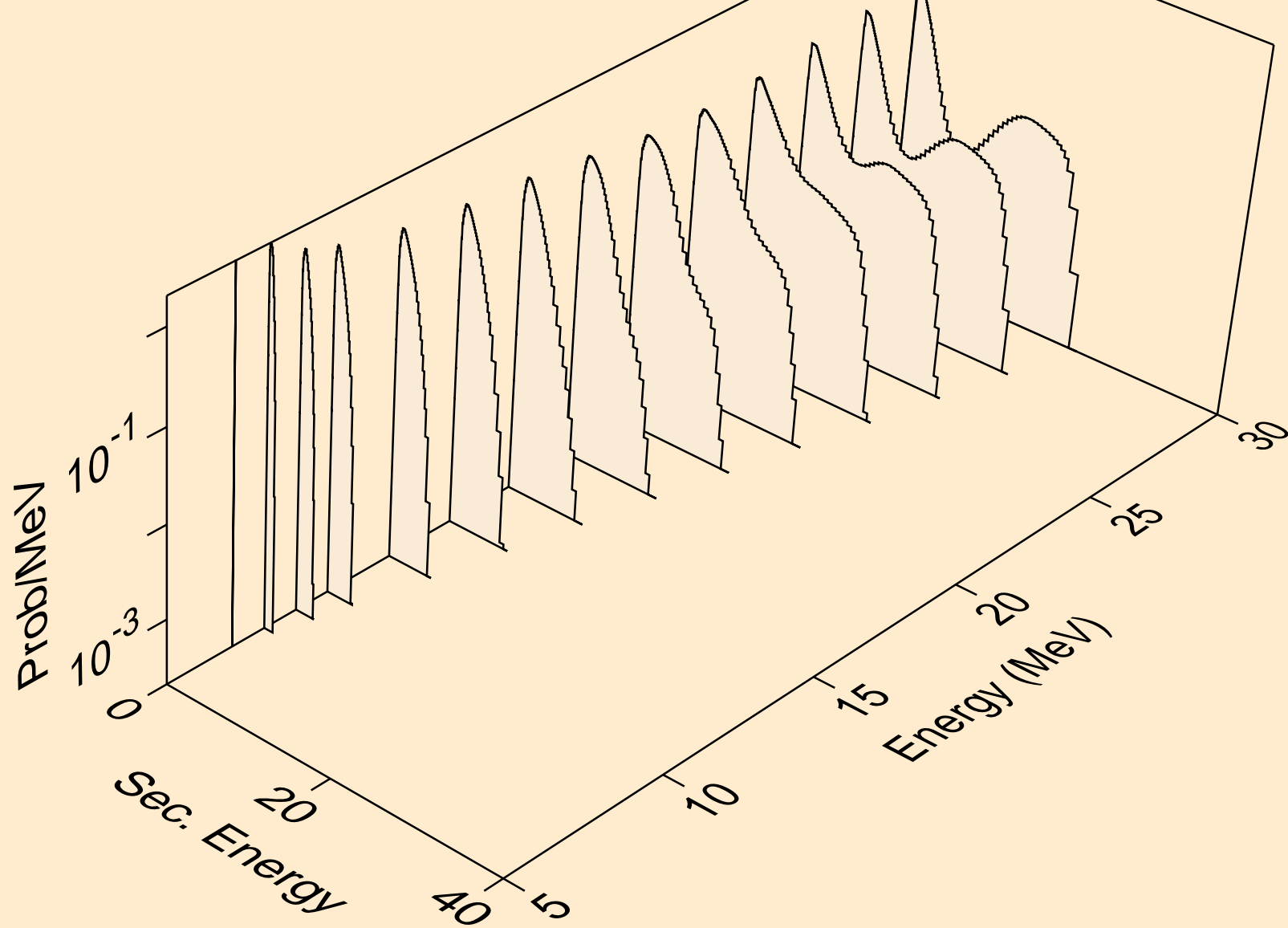




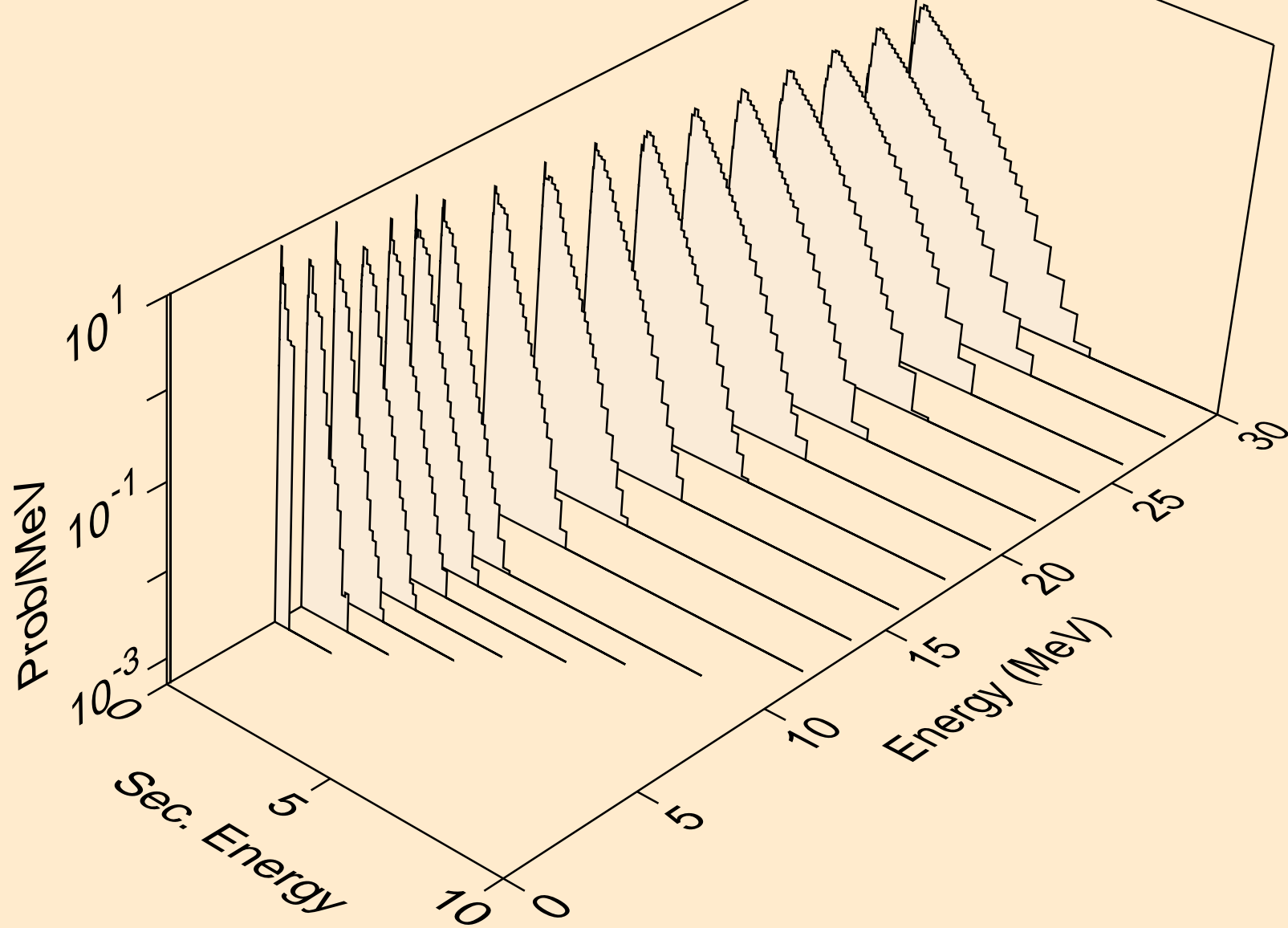
IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)



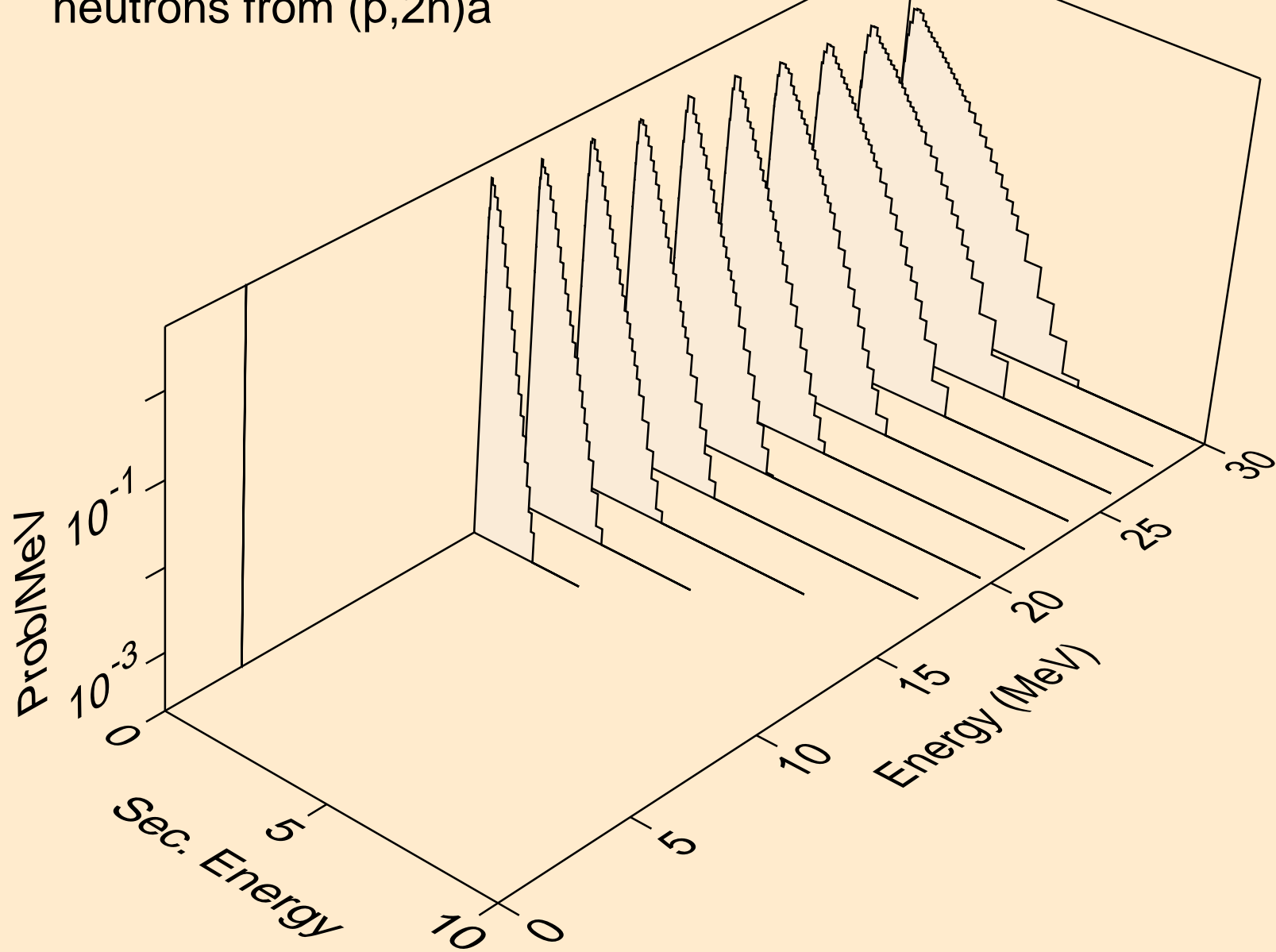
IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)



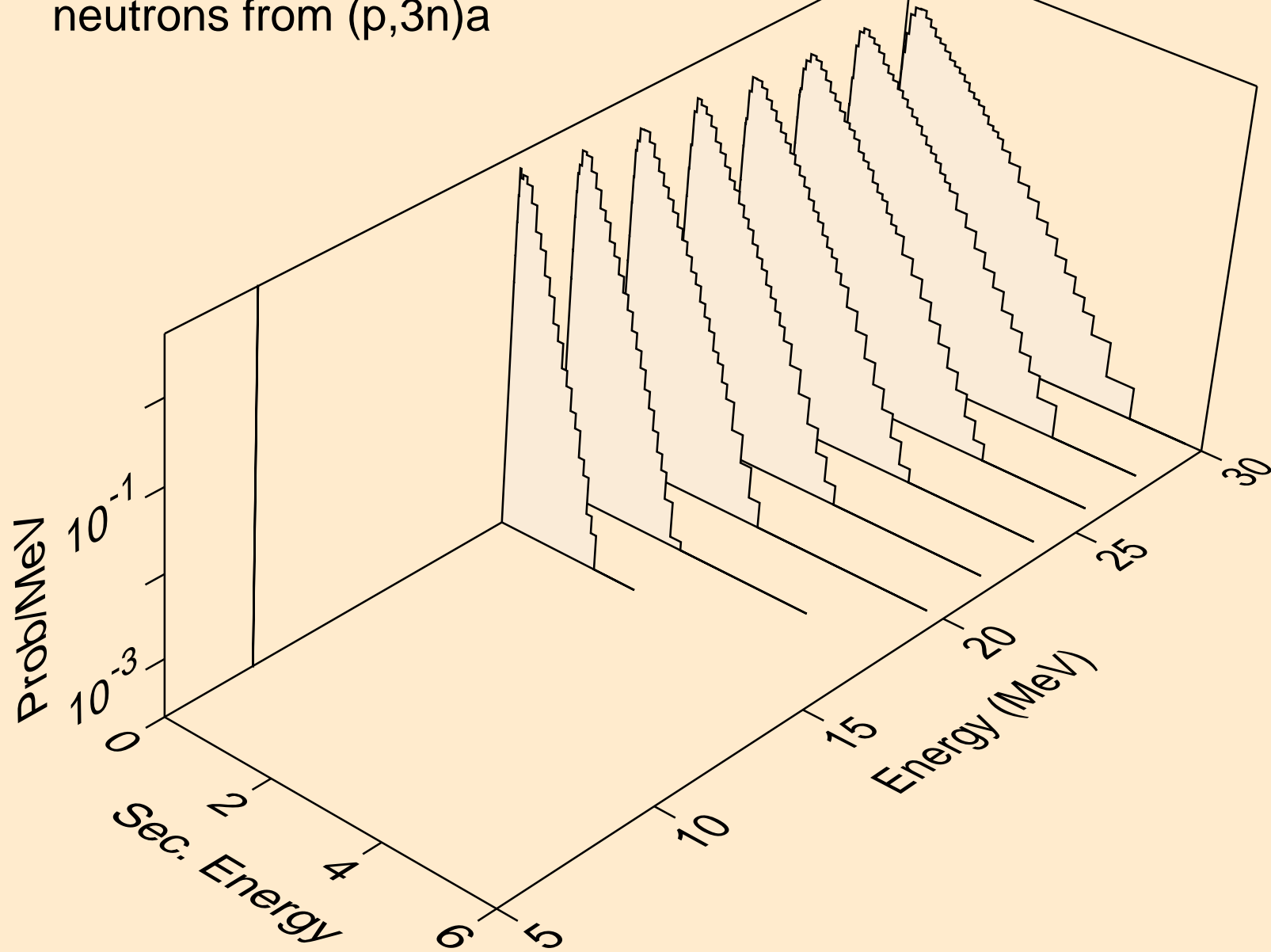
IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



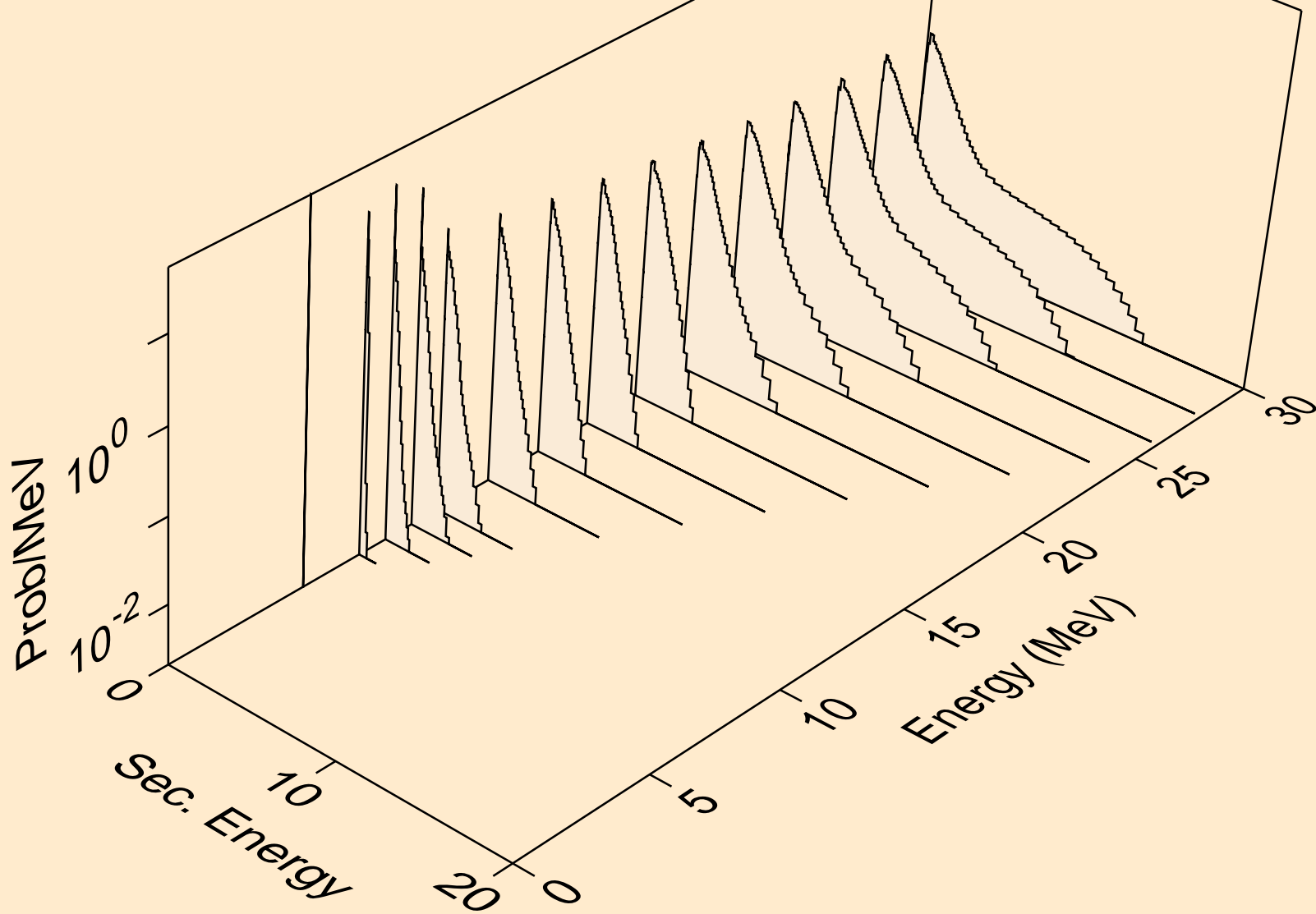
IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)a



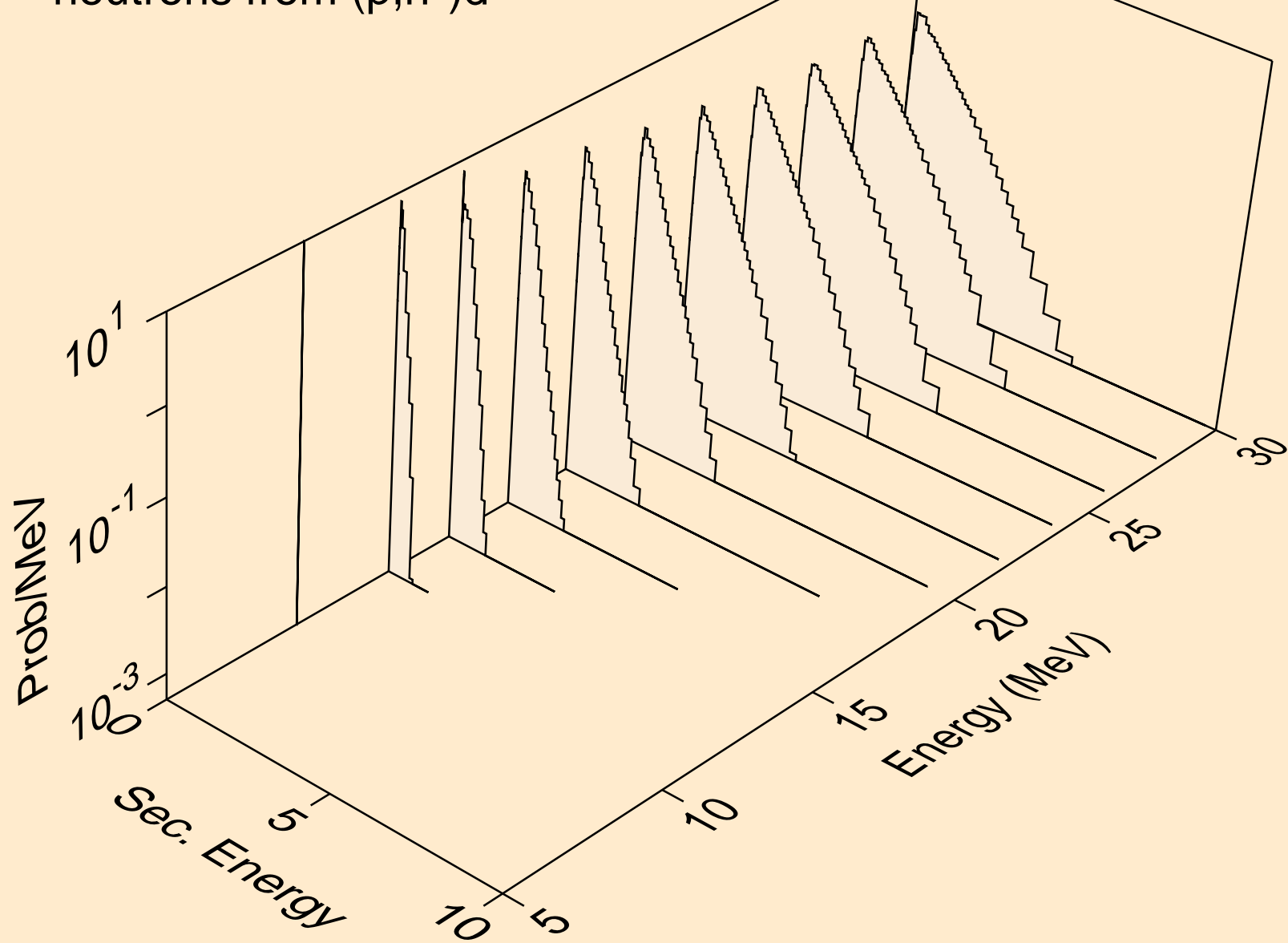
IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)a



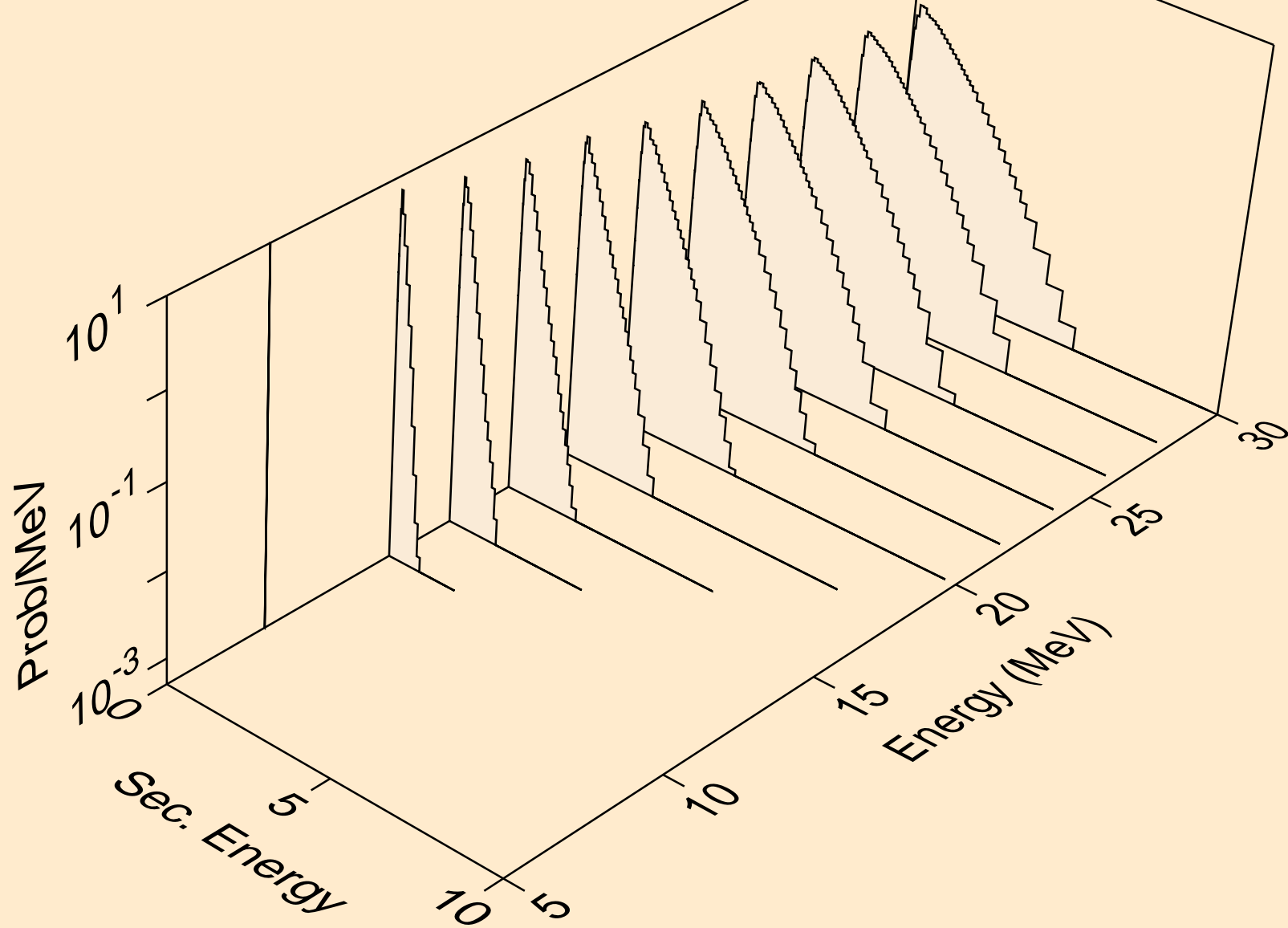
IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)p



IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)d

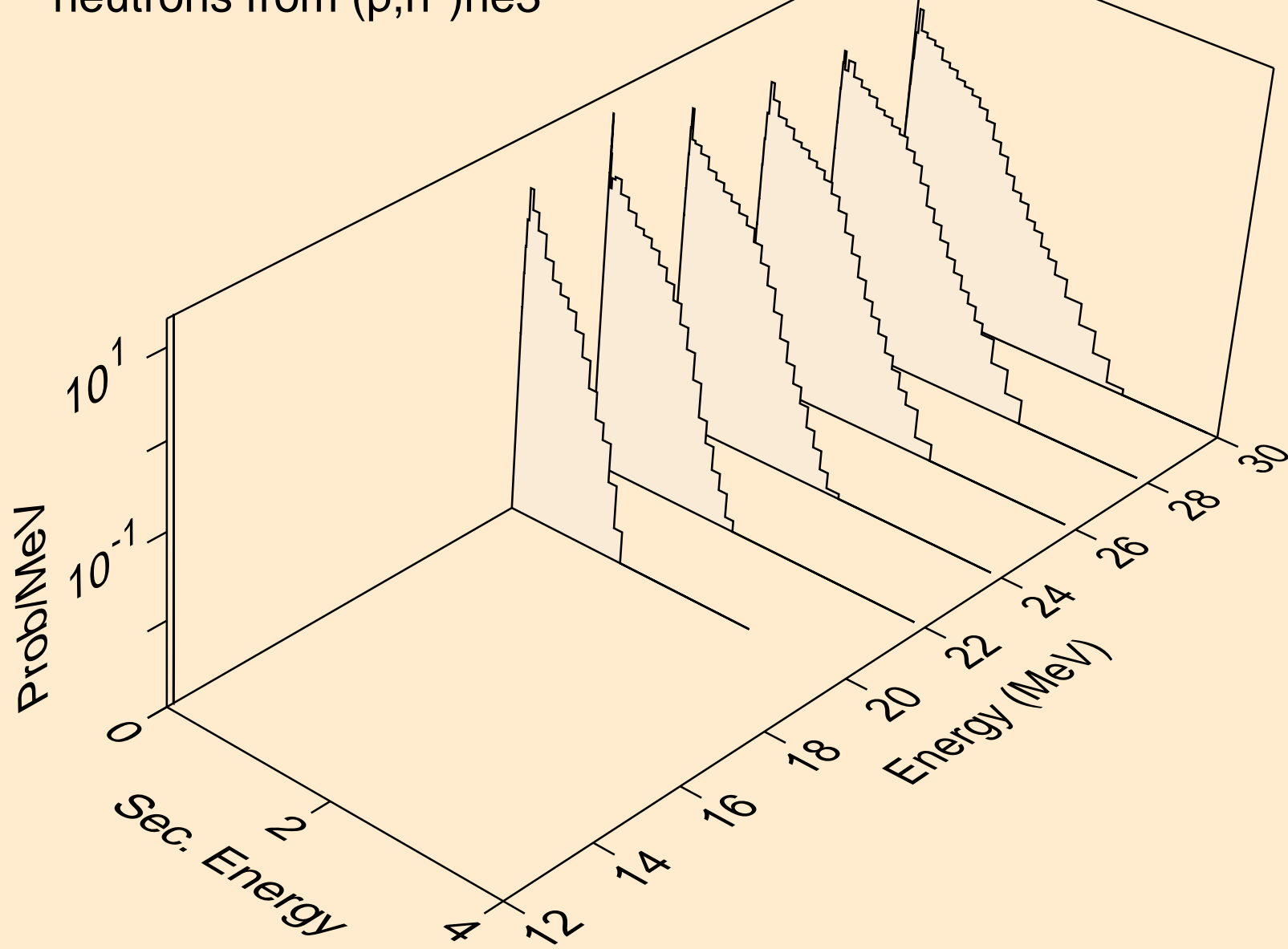


IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)t

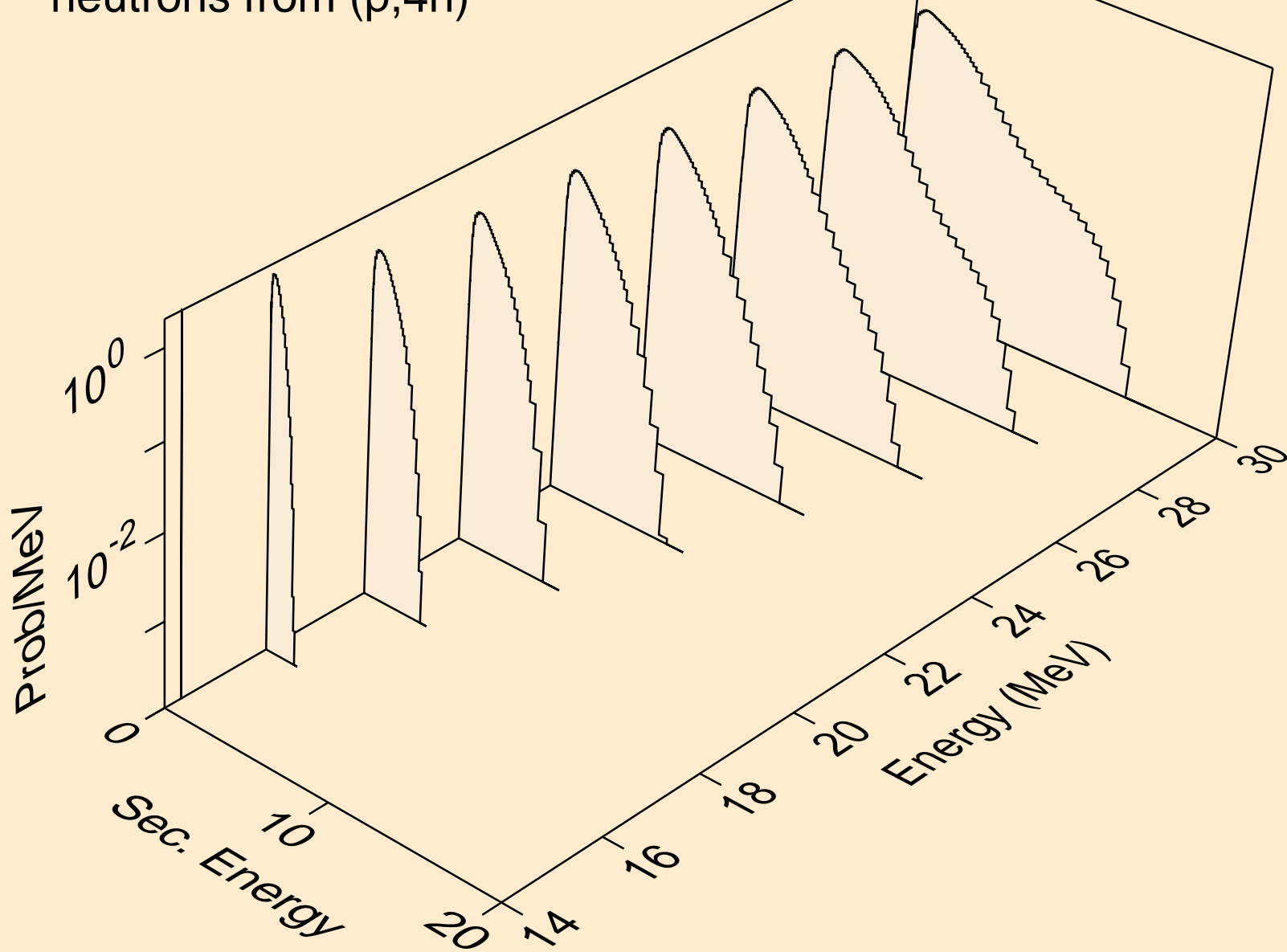




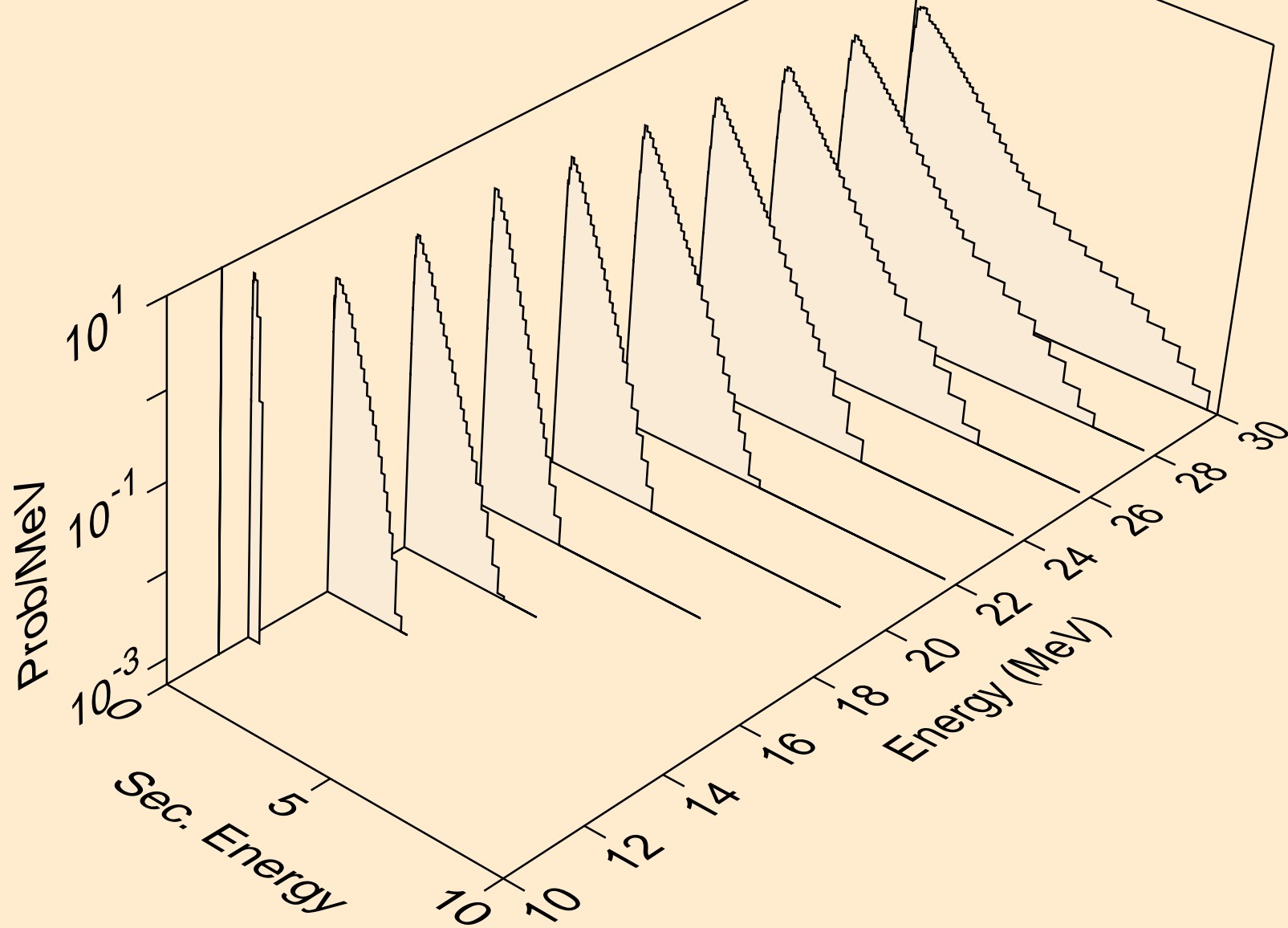
IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



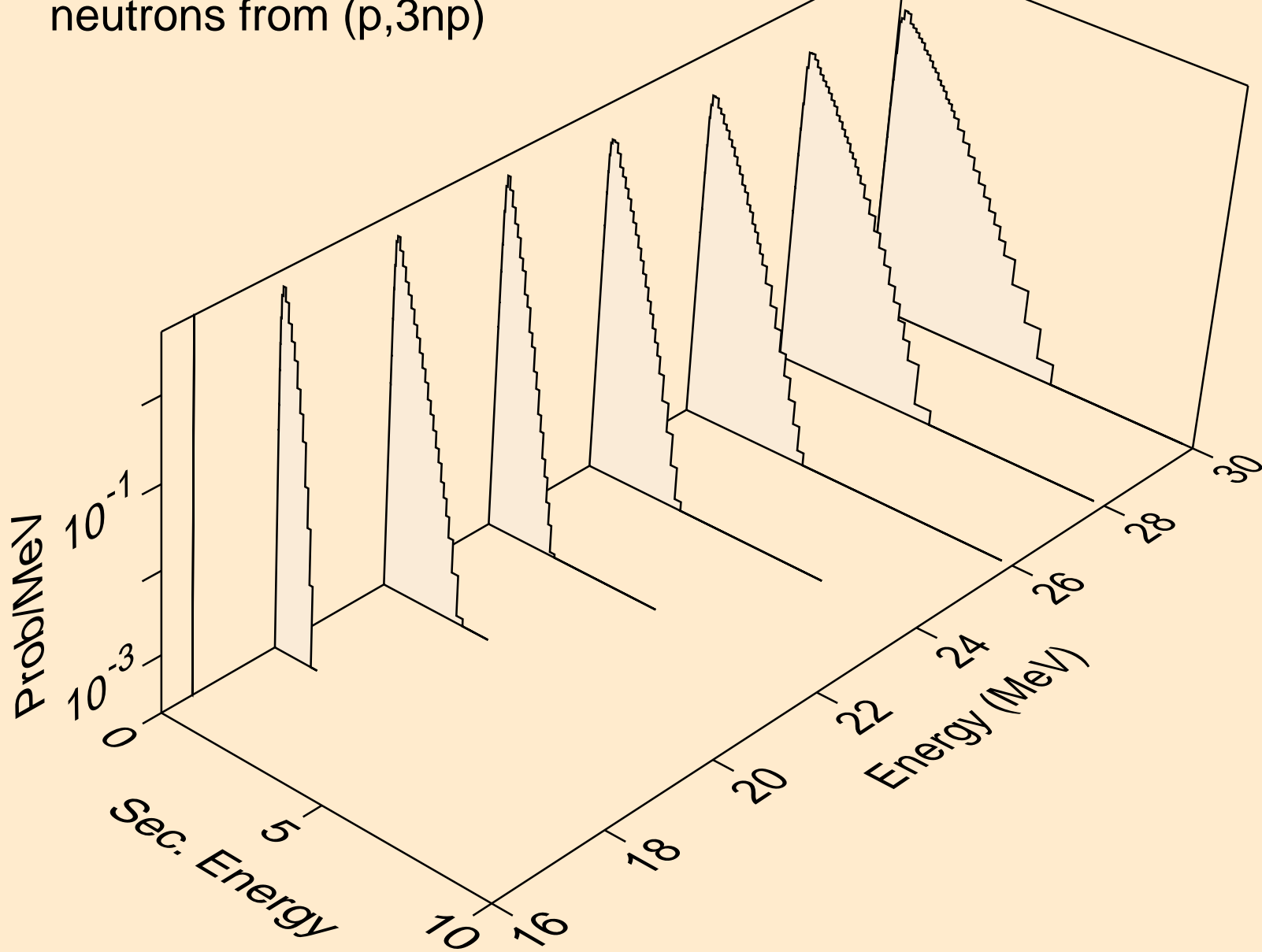
IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,4n)



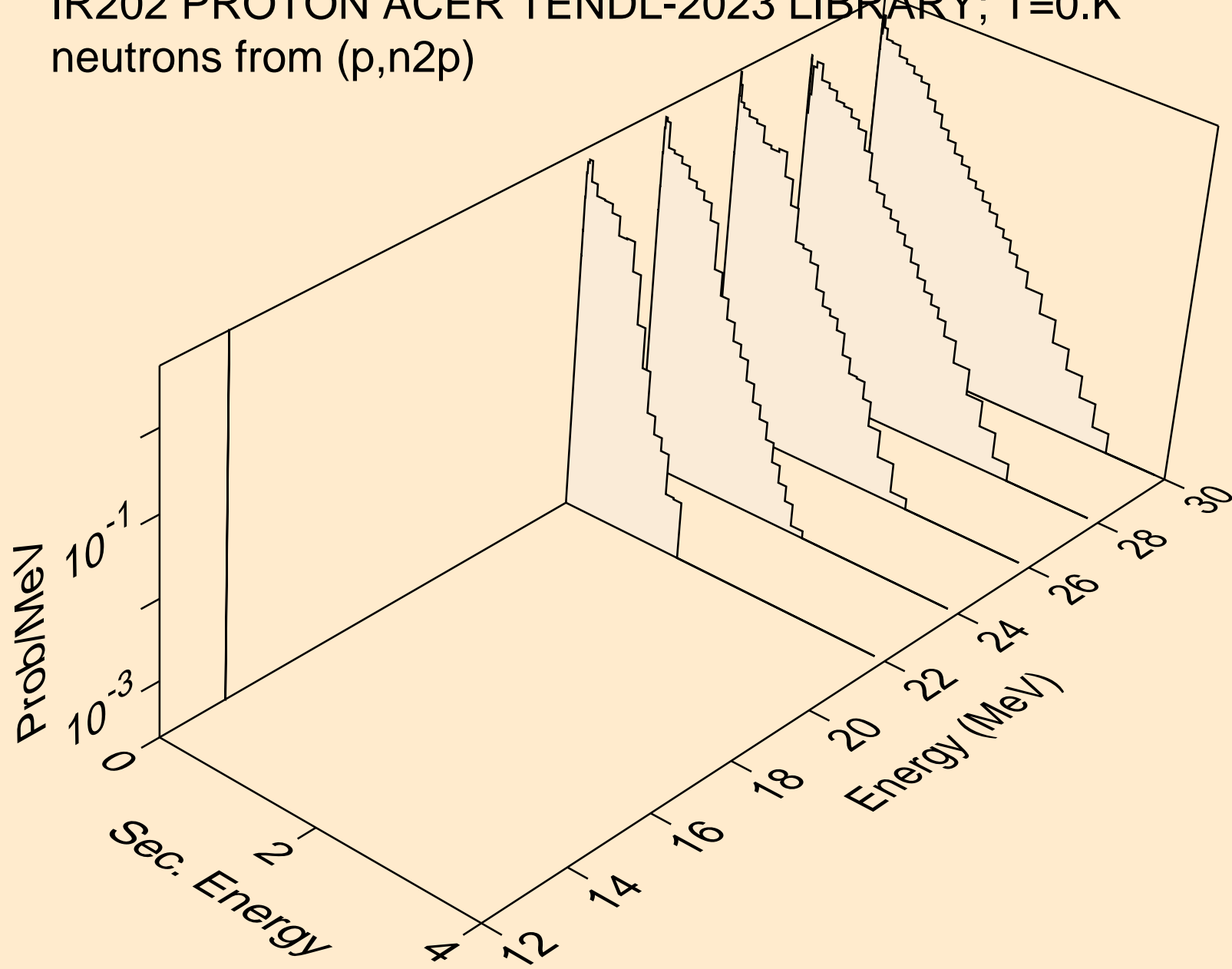
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neutrons from (p,2np)



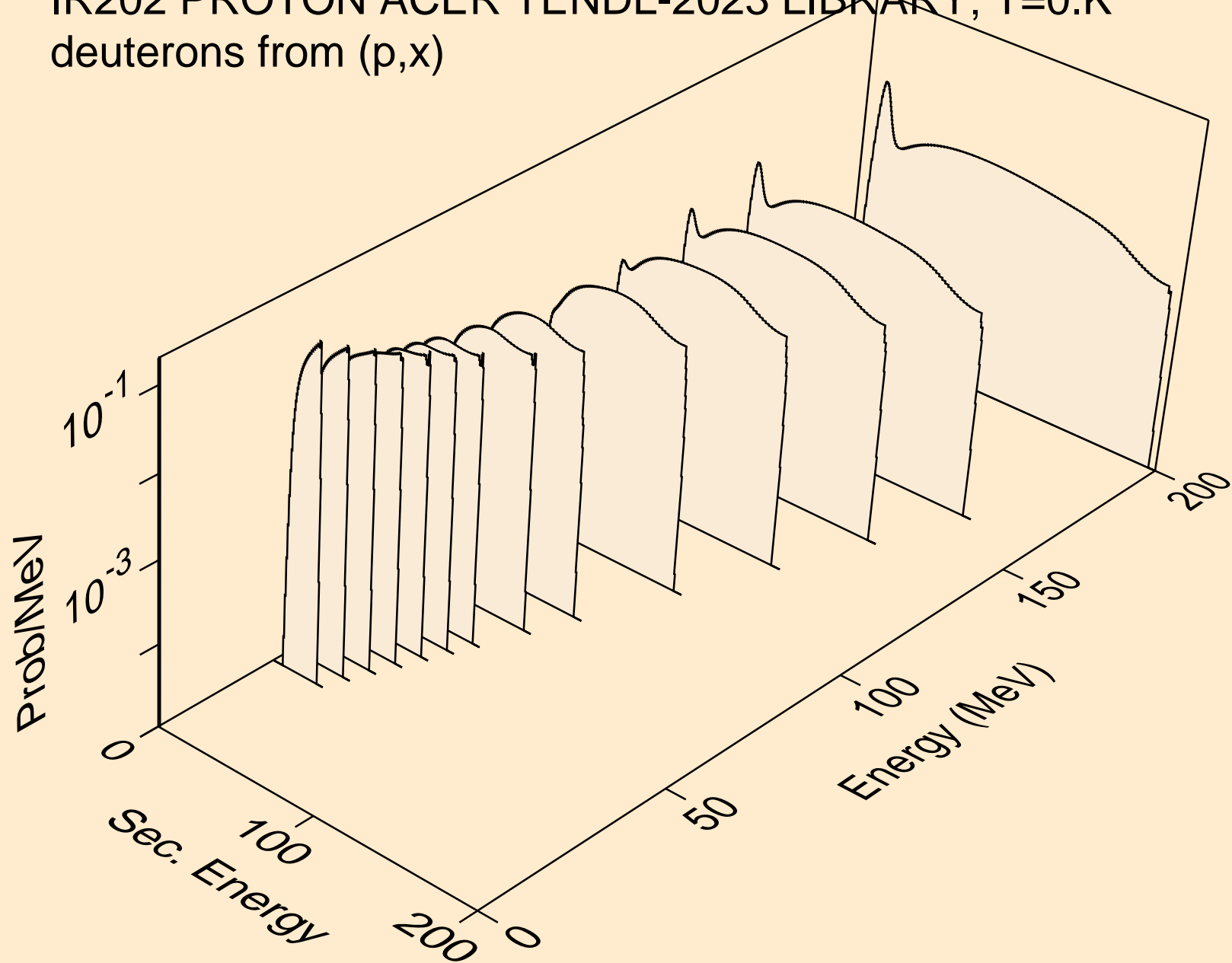
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neutrons from (p,3np)



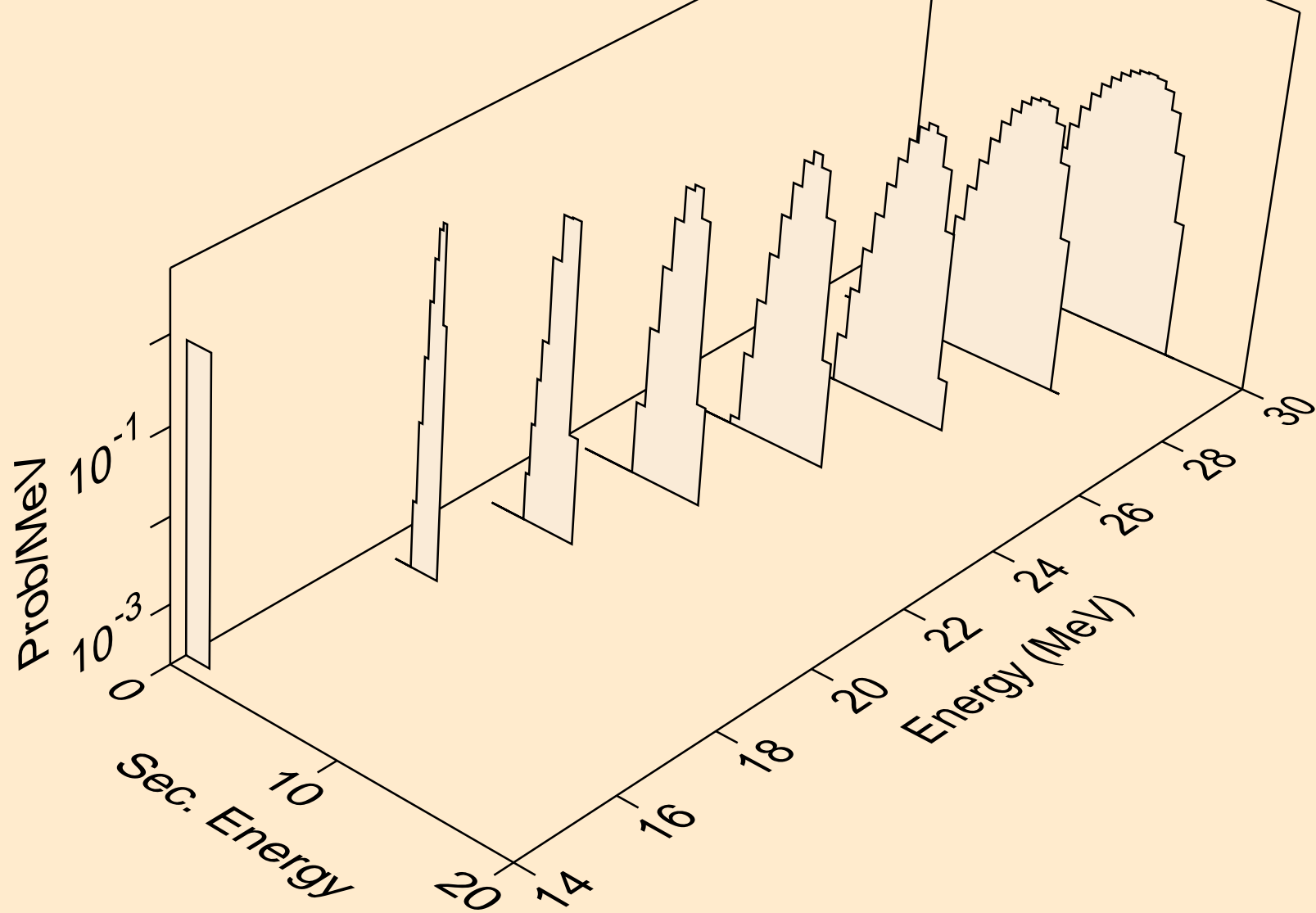
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neutrons from (p,n2p)



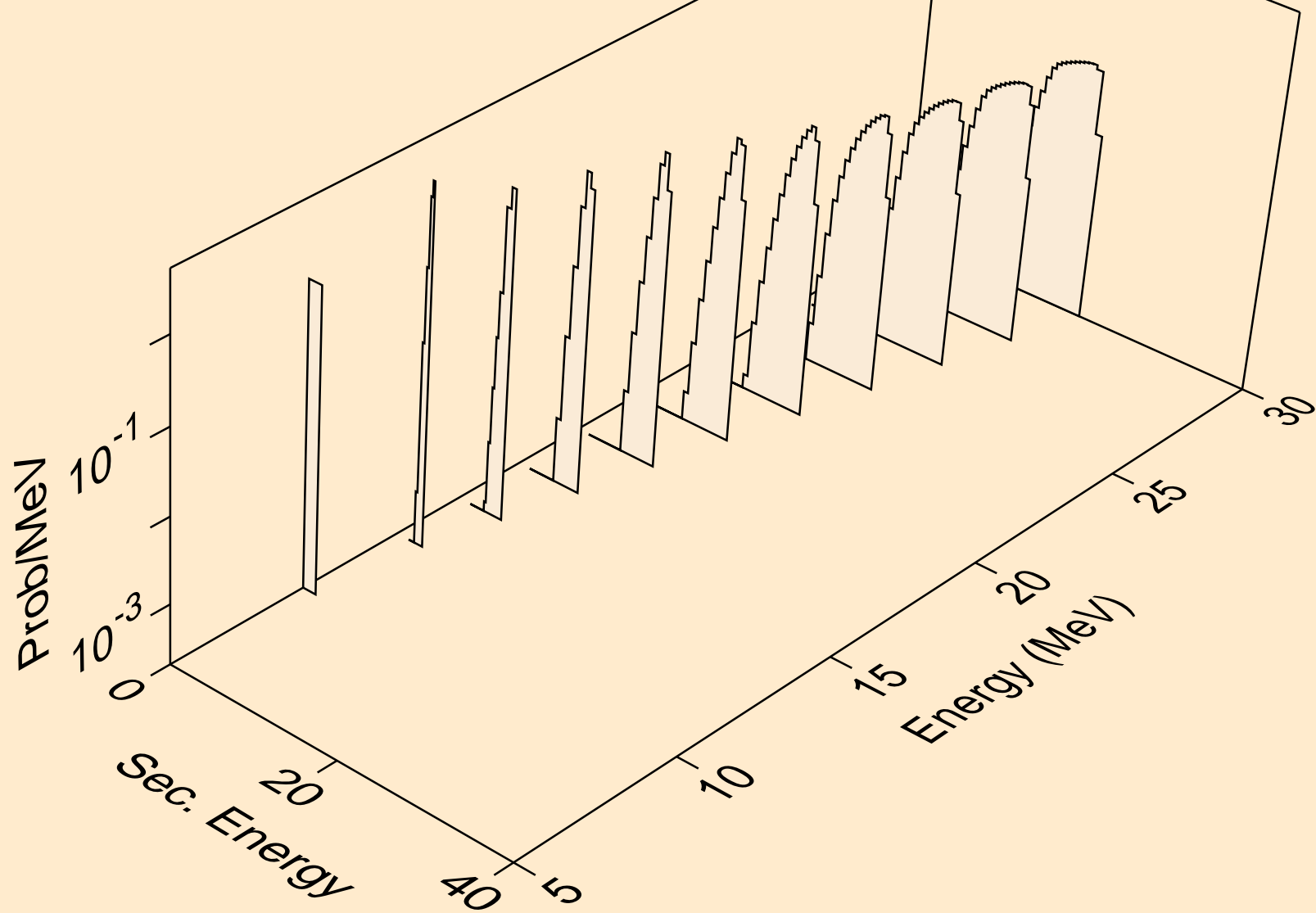
IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,x)



IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,2nd)

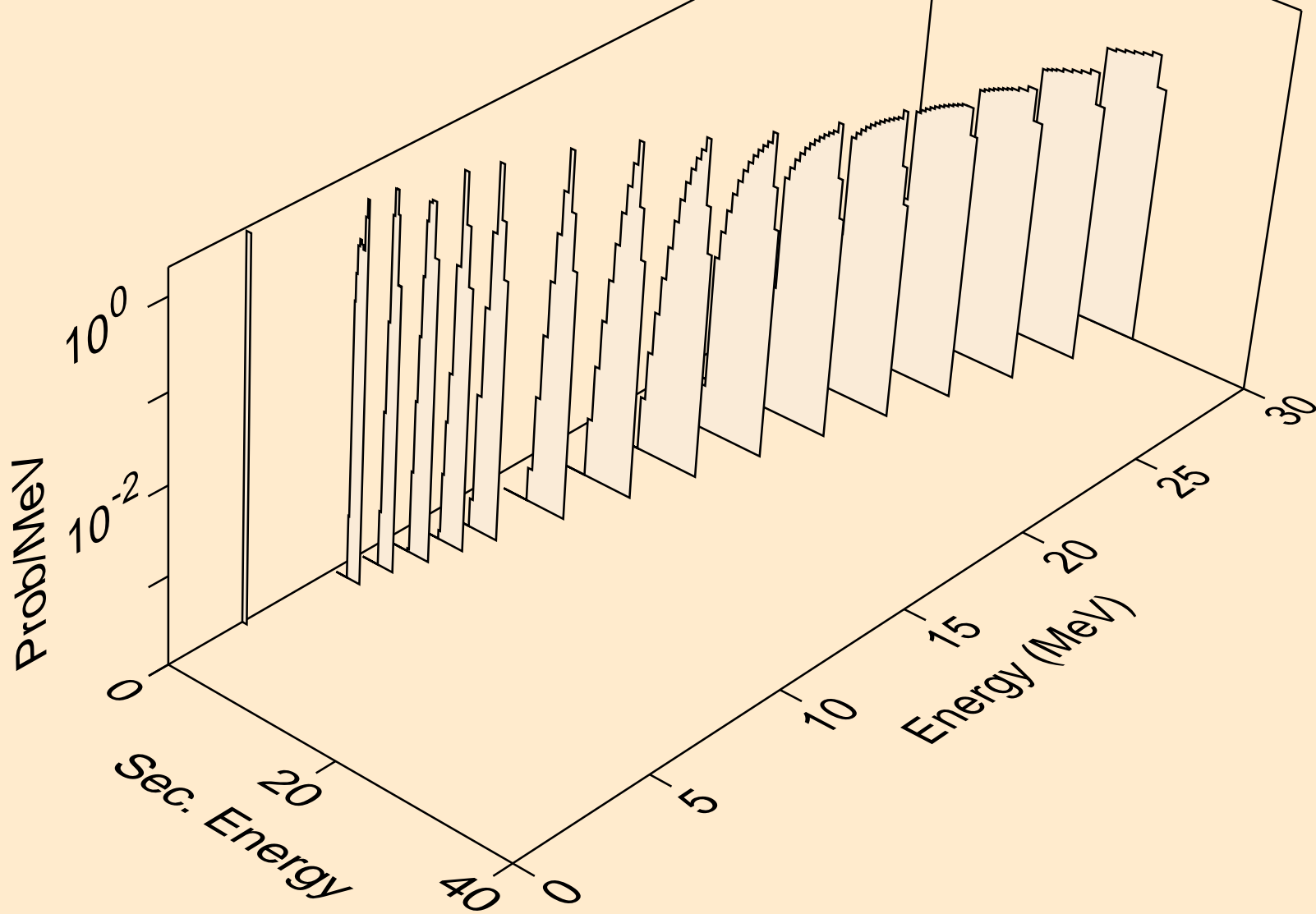


IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,n\*)d

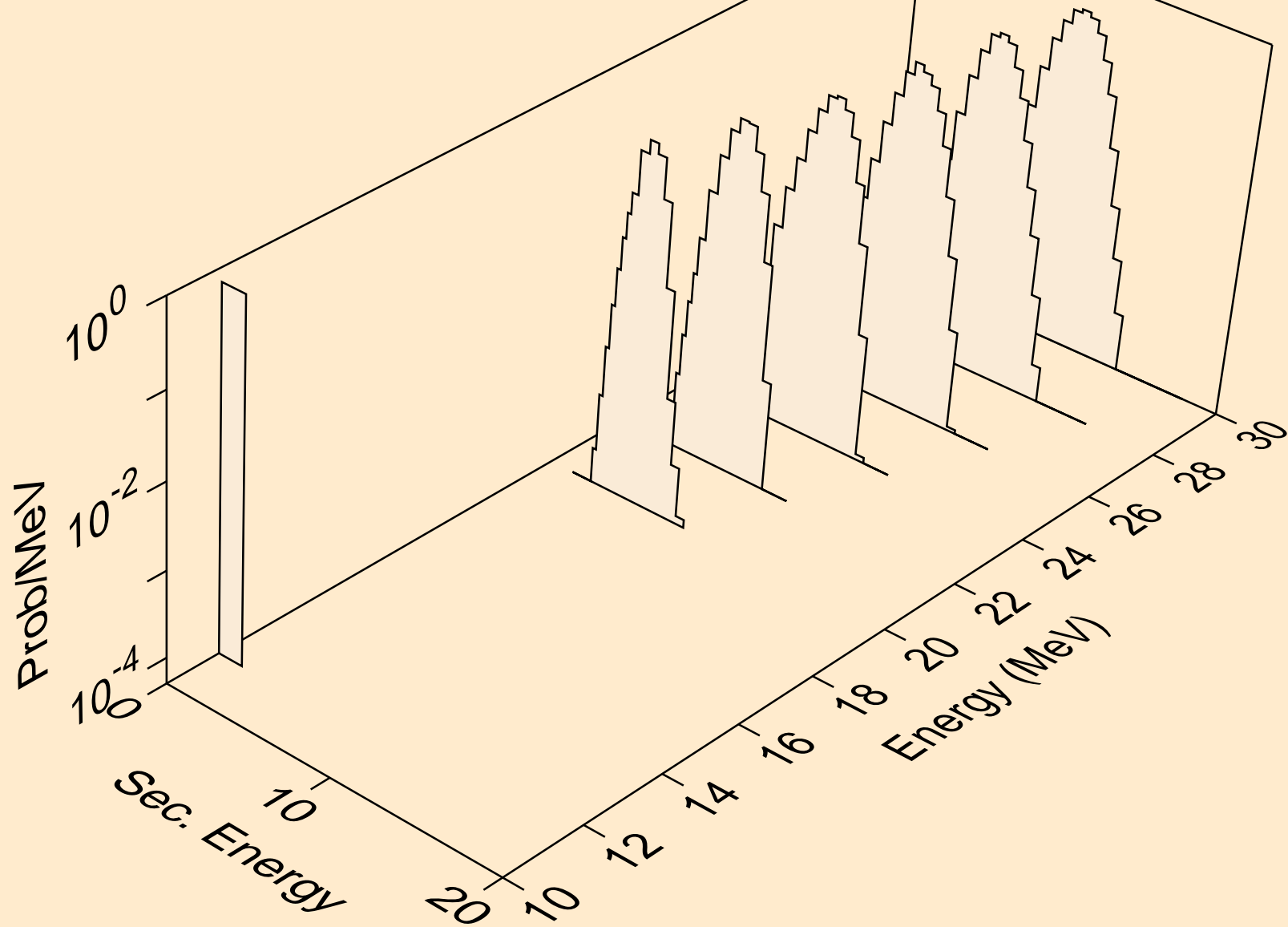




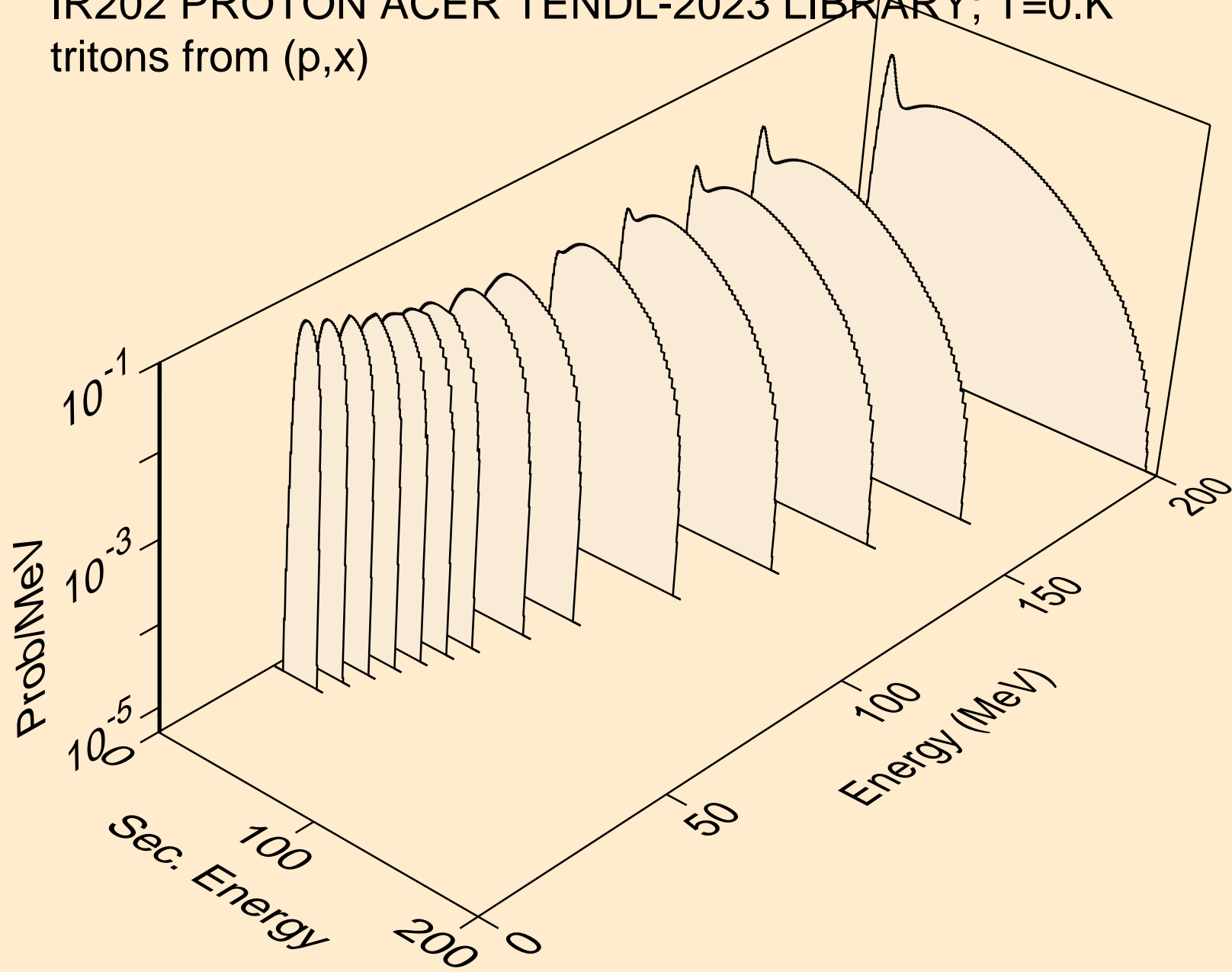
IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,d)



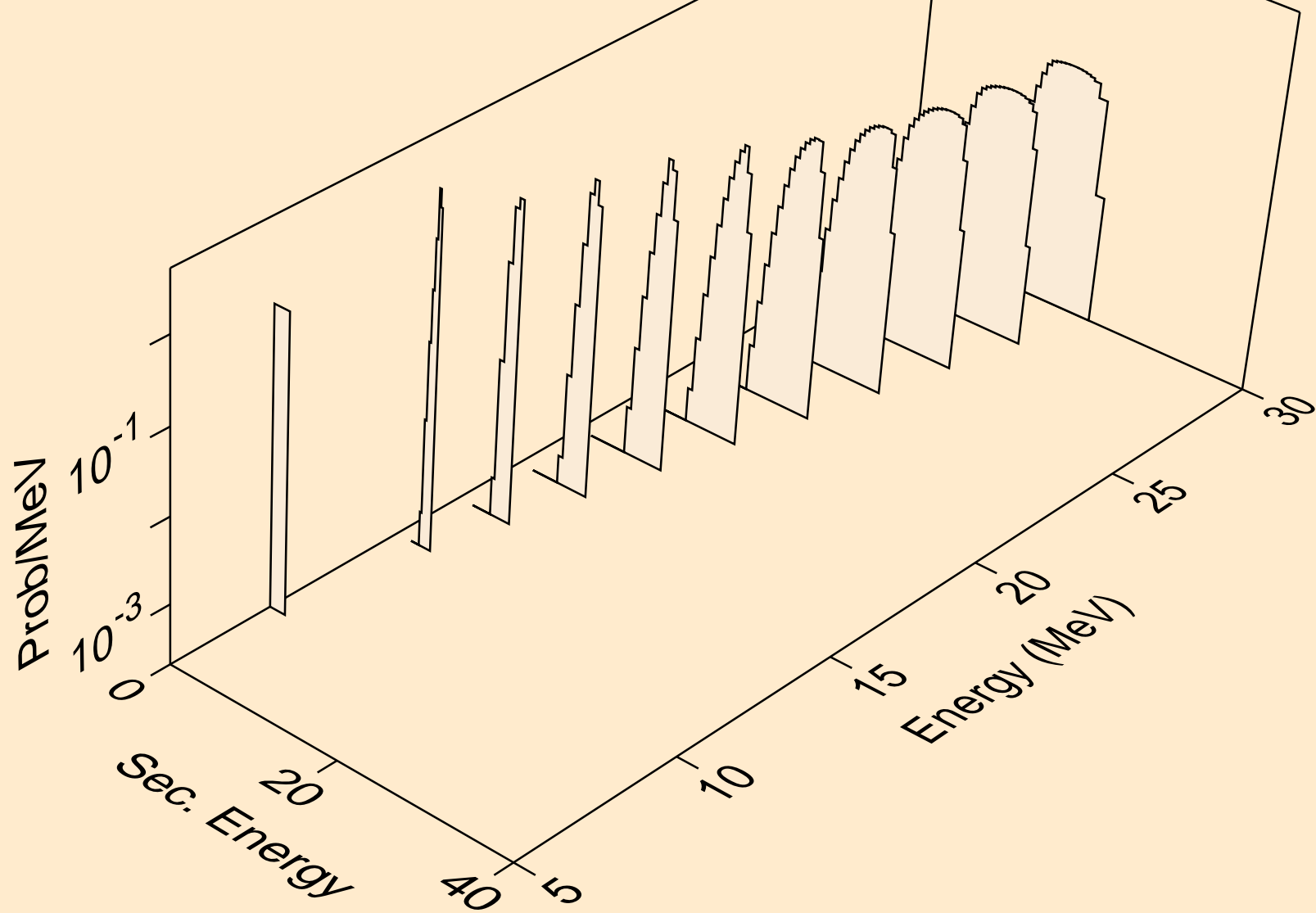
IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,pd)



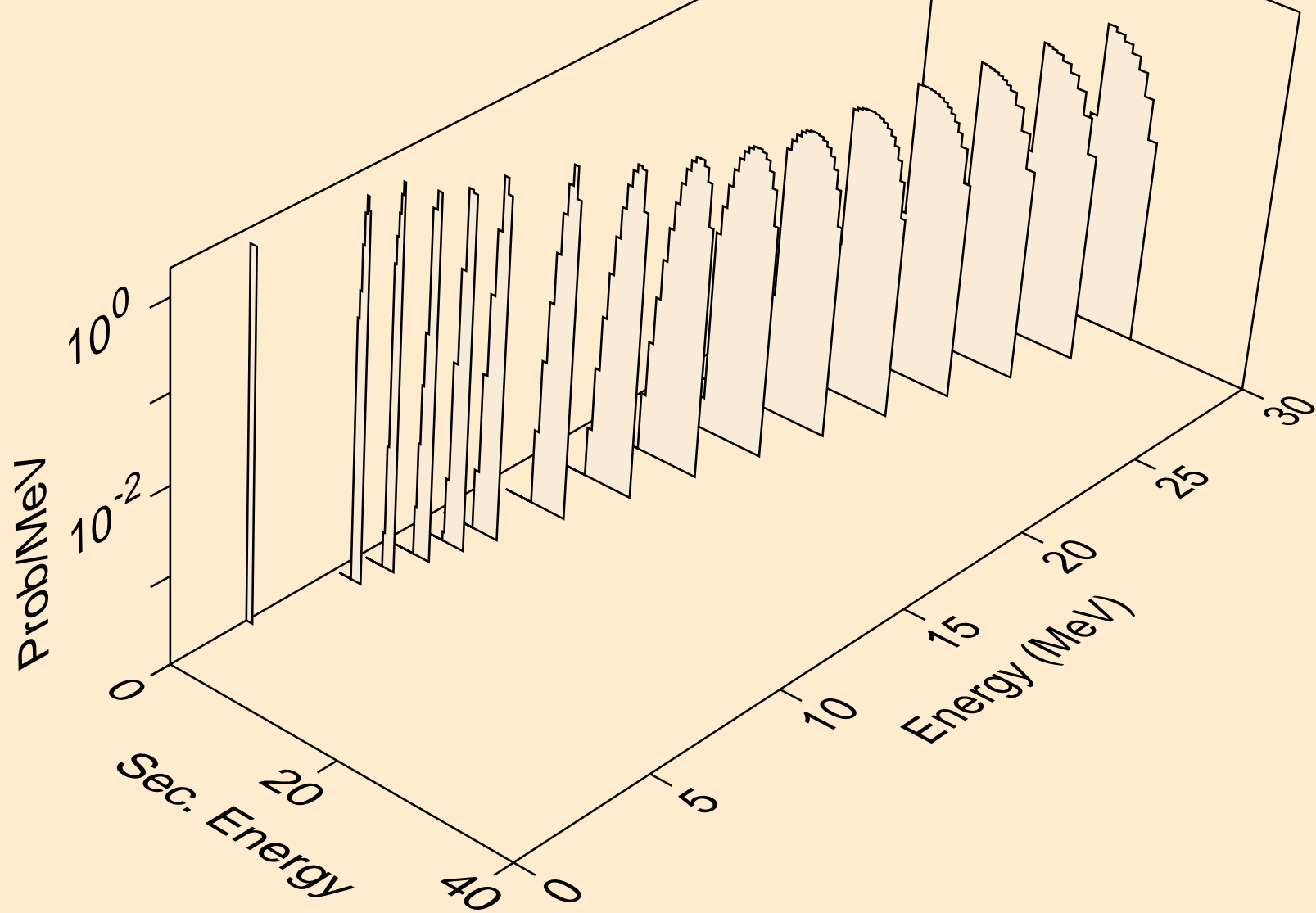
IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)



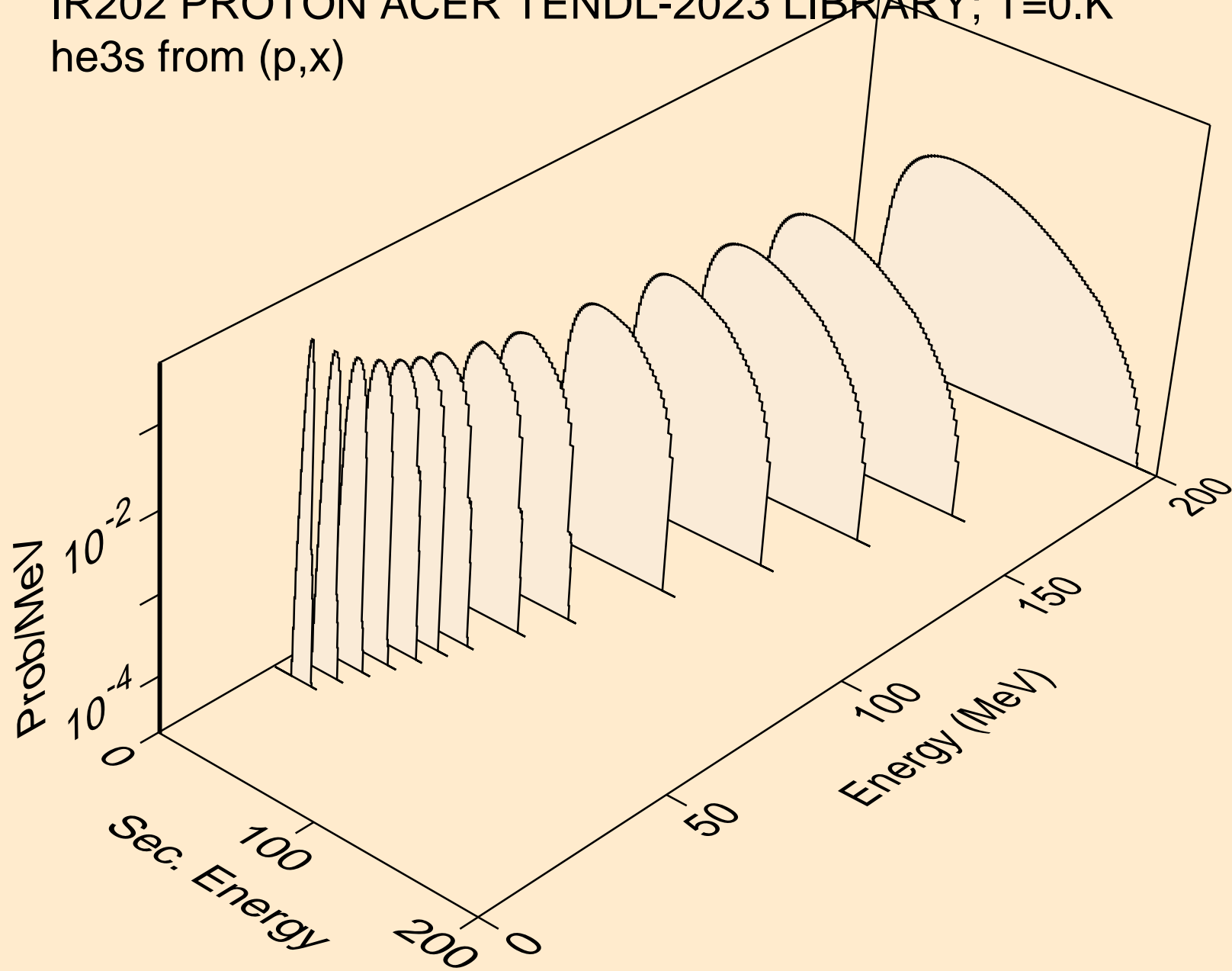
IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,n\*)t



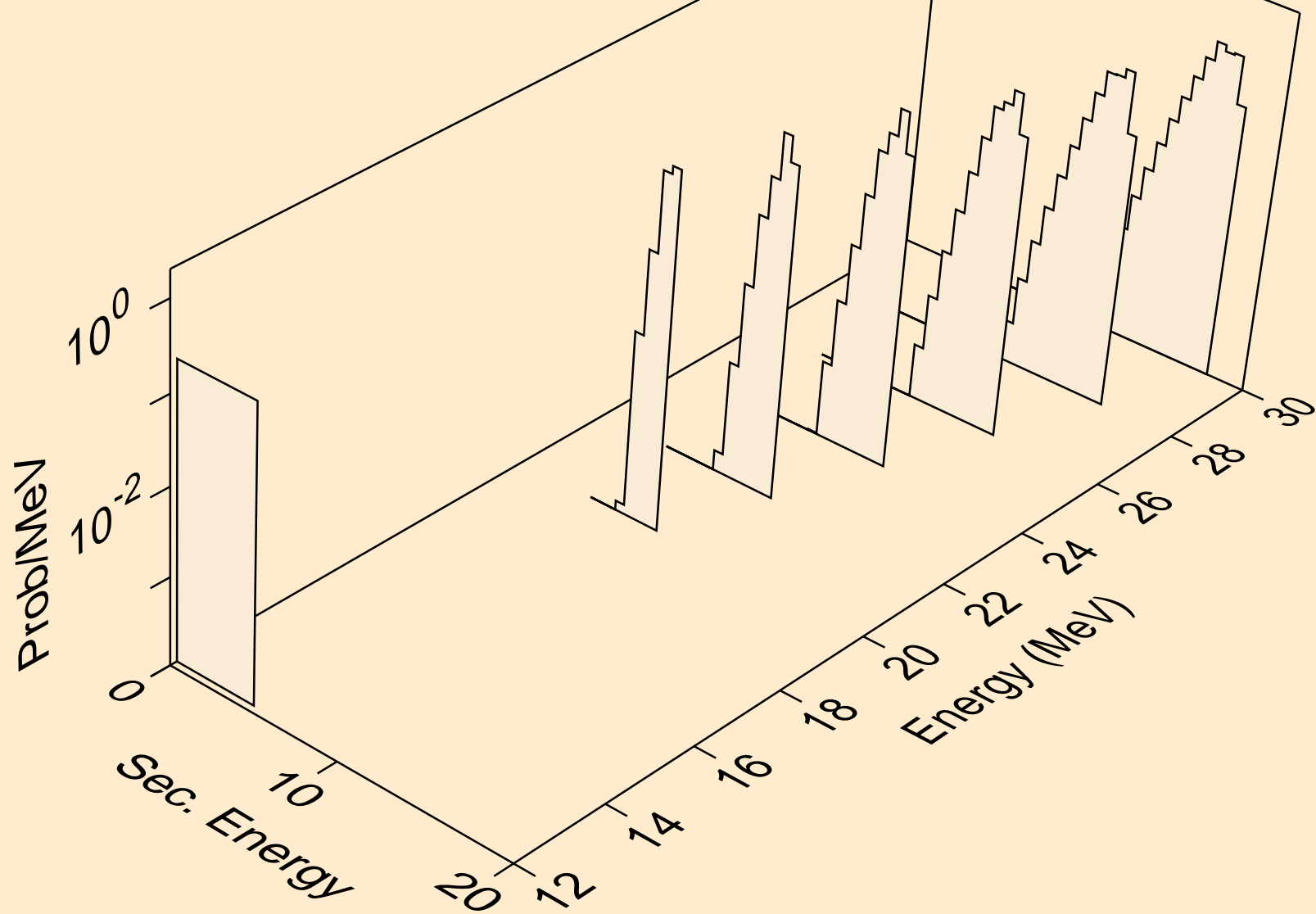
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tritons from (p,t)



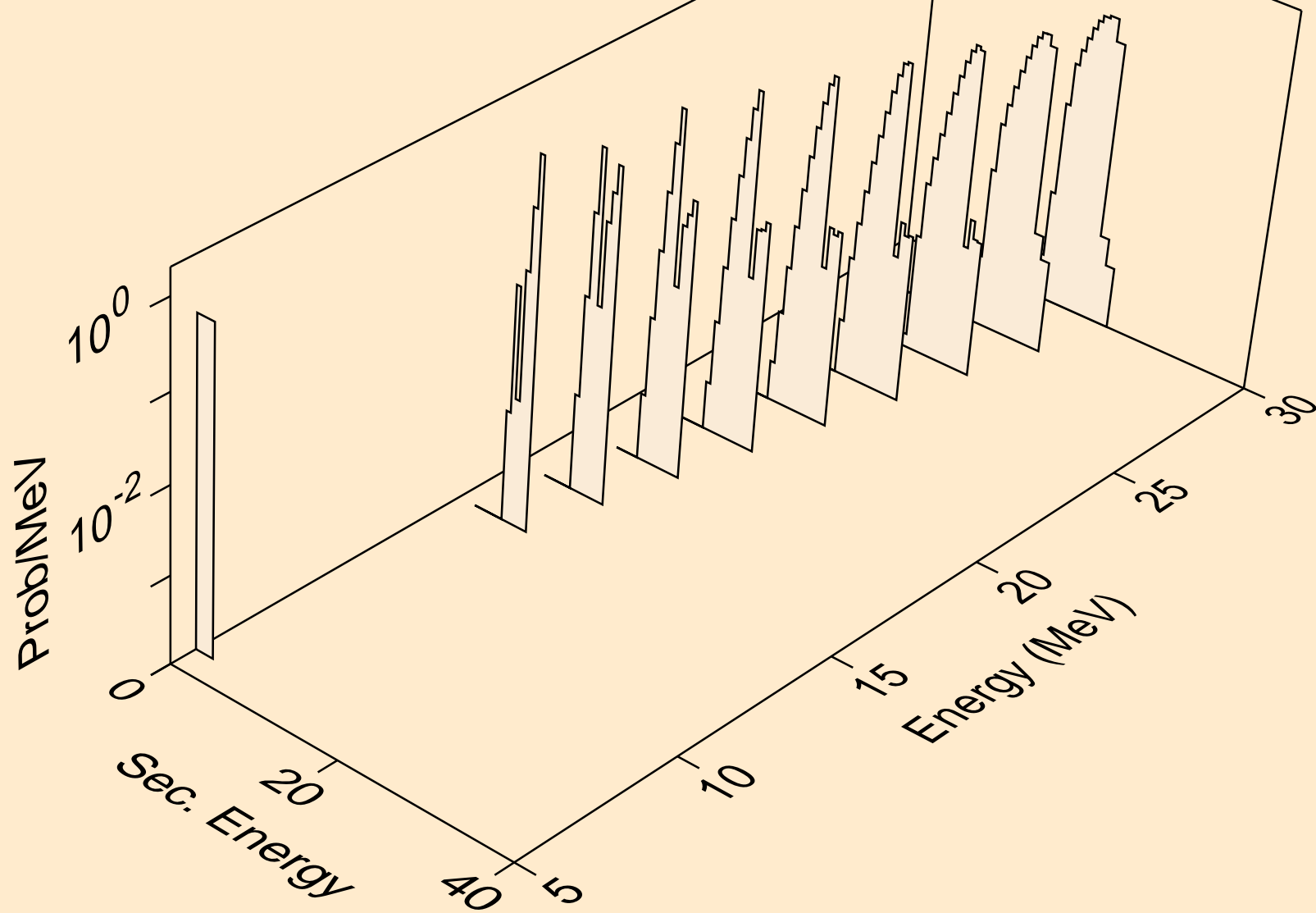
IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)



IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3

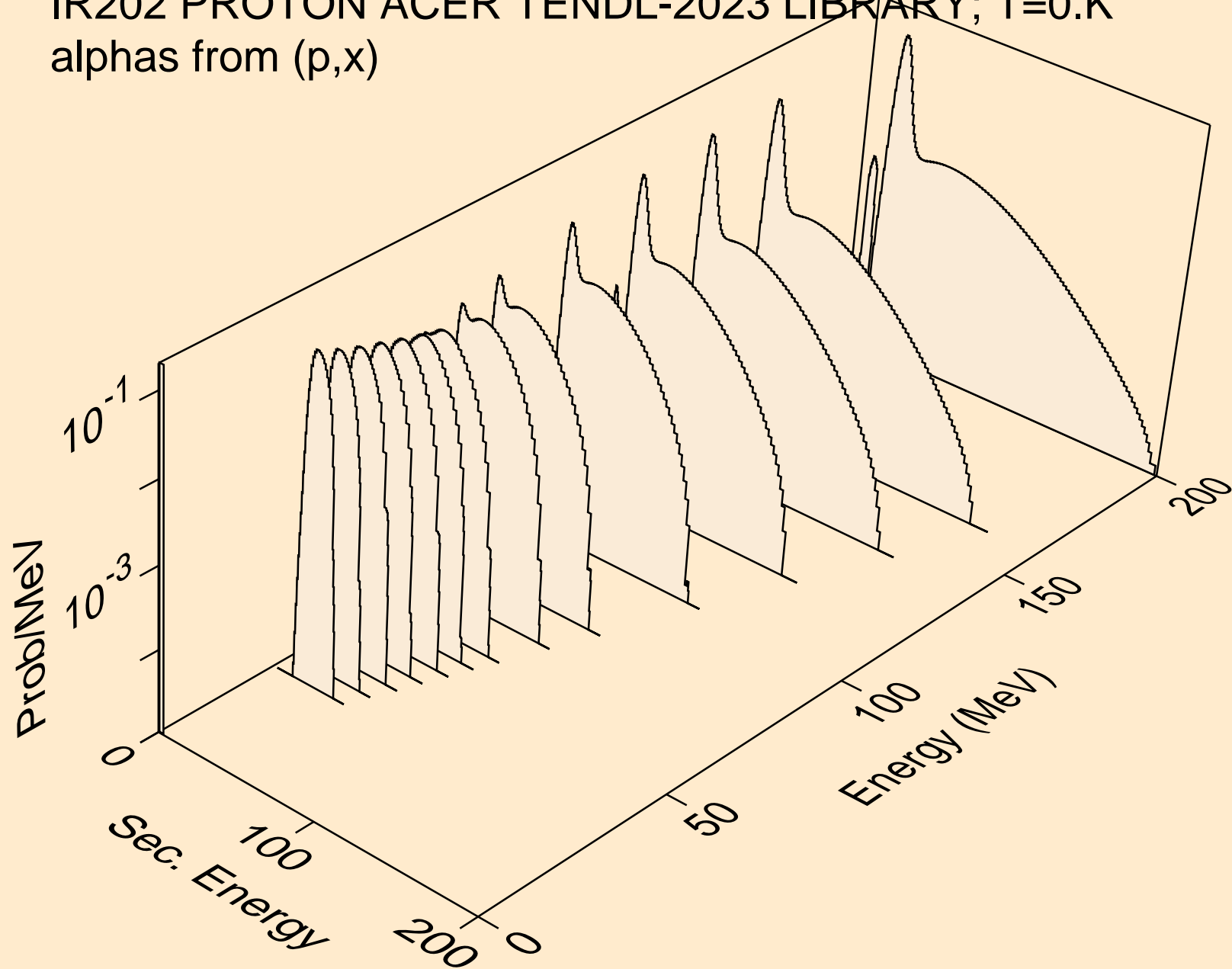


IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,he3)

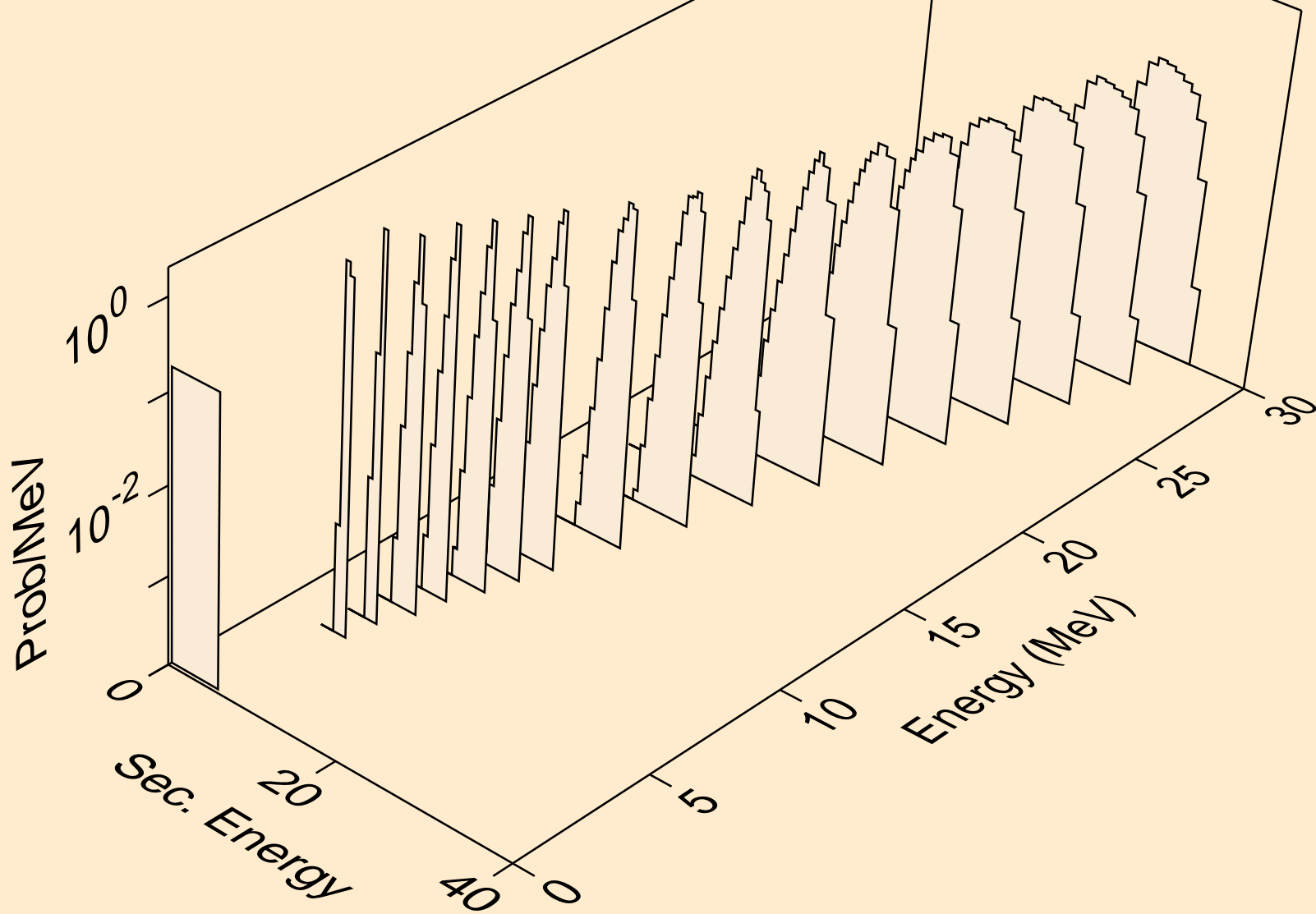




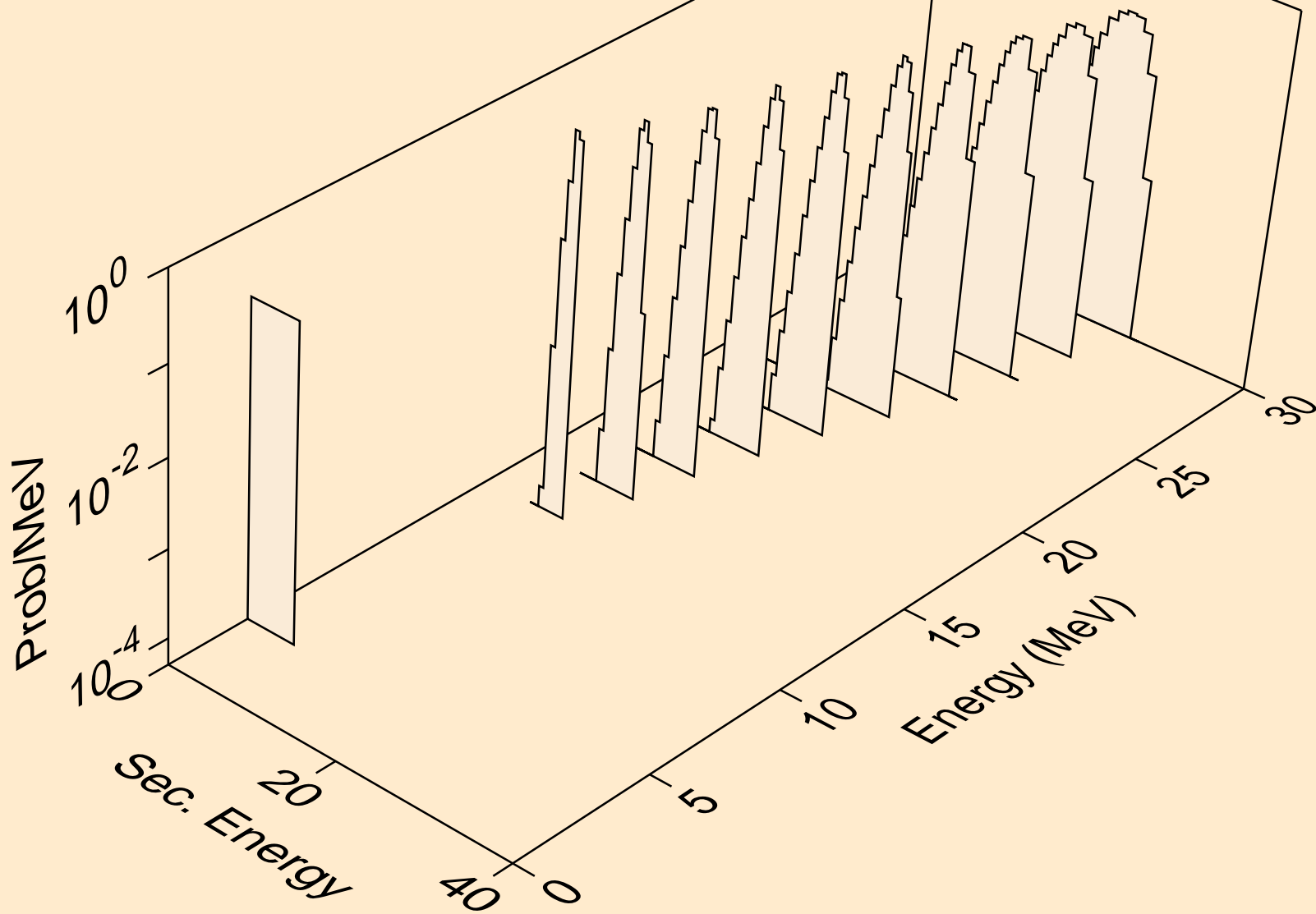
IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



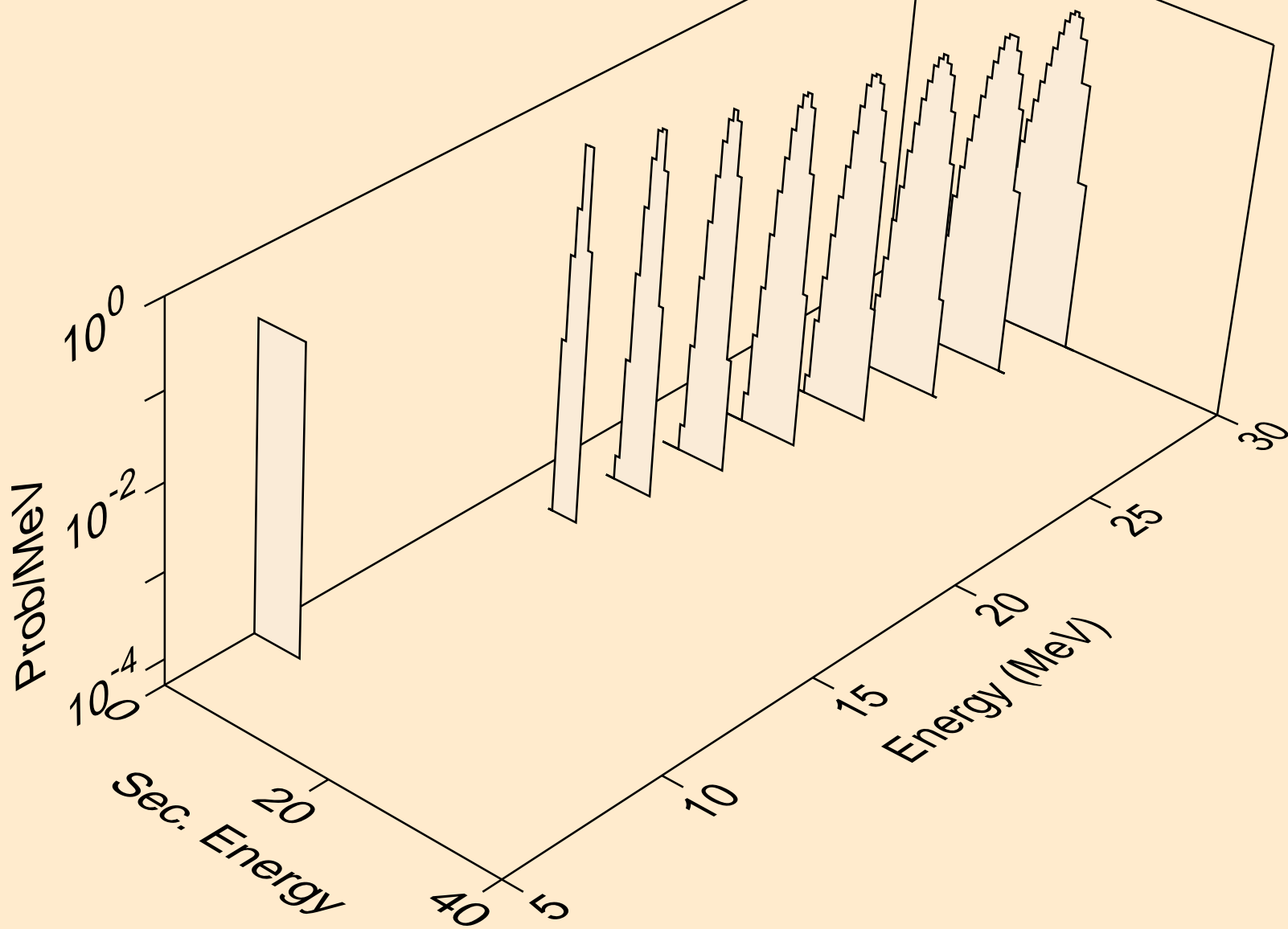
IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a



IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a



IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,3n)a



IR202 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)

