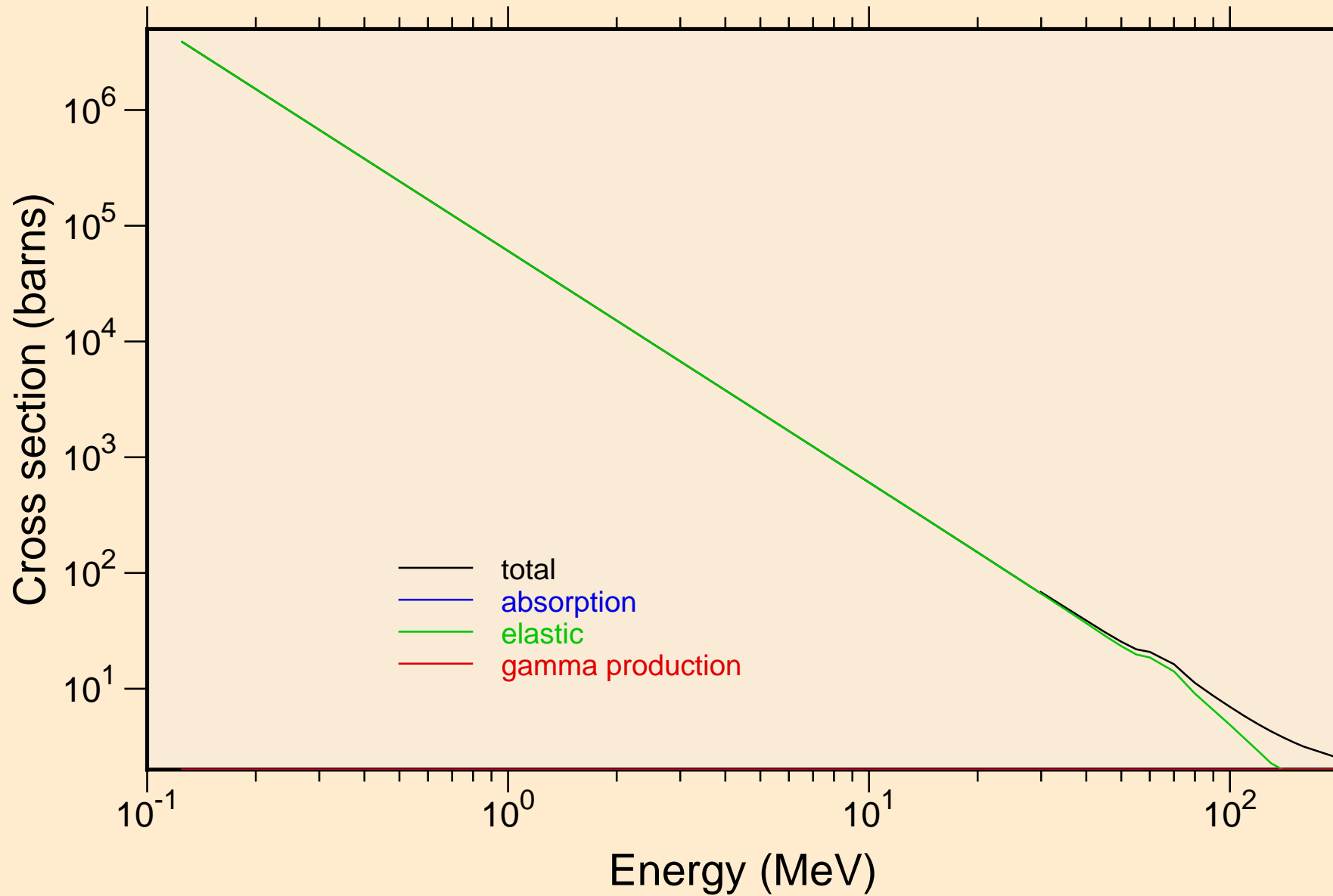


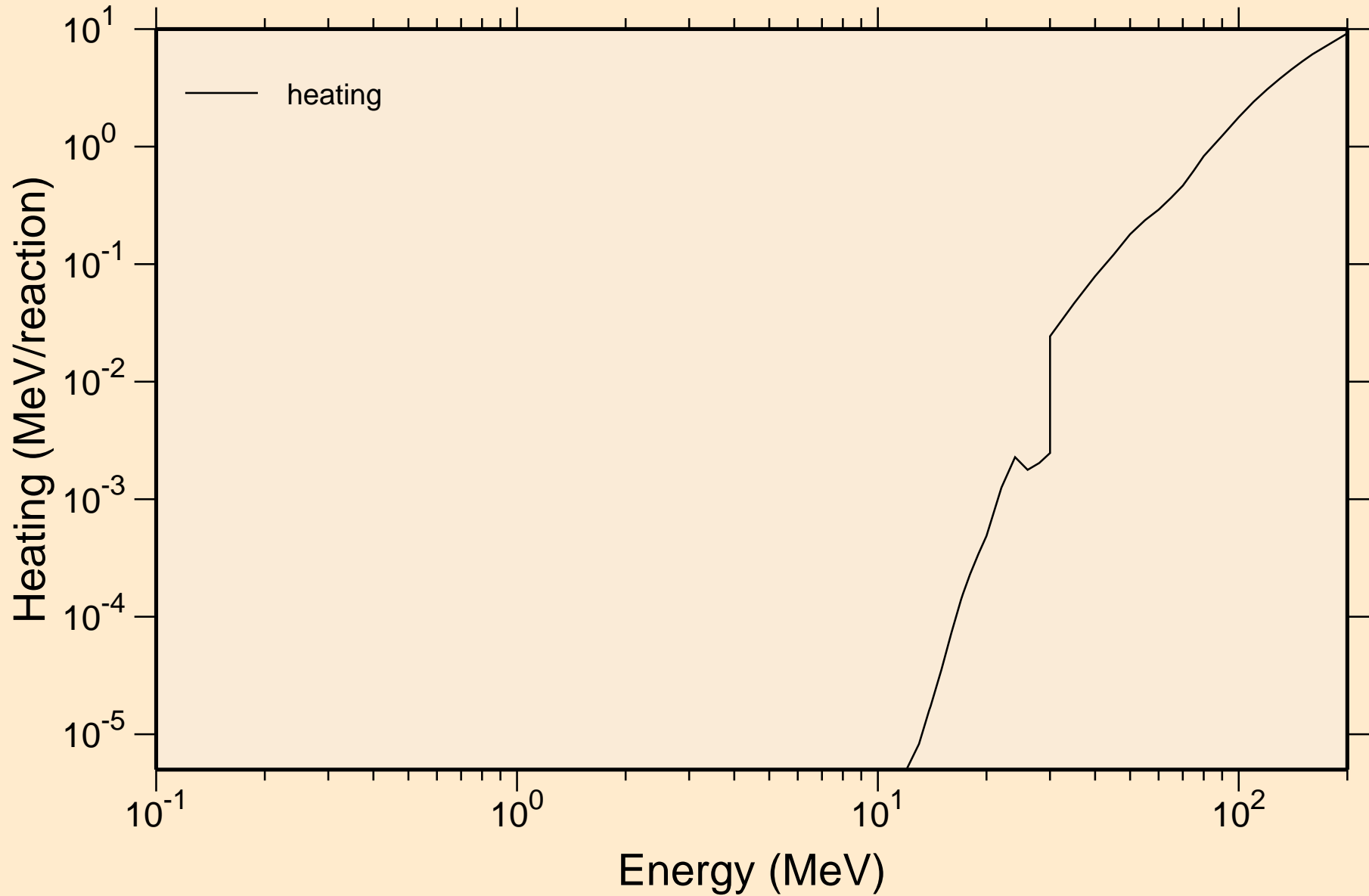
# ES256 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



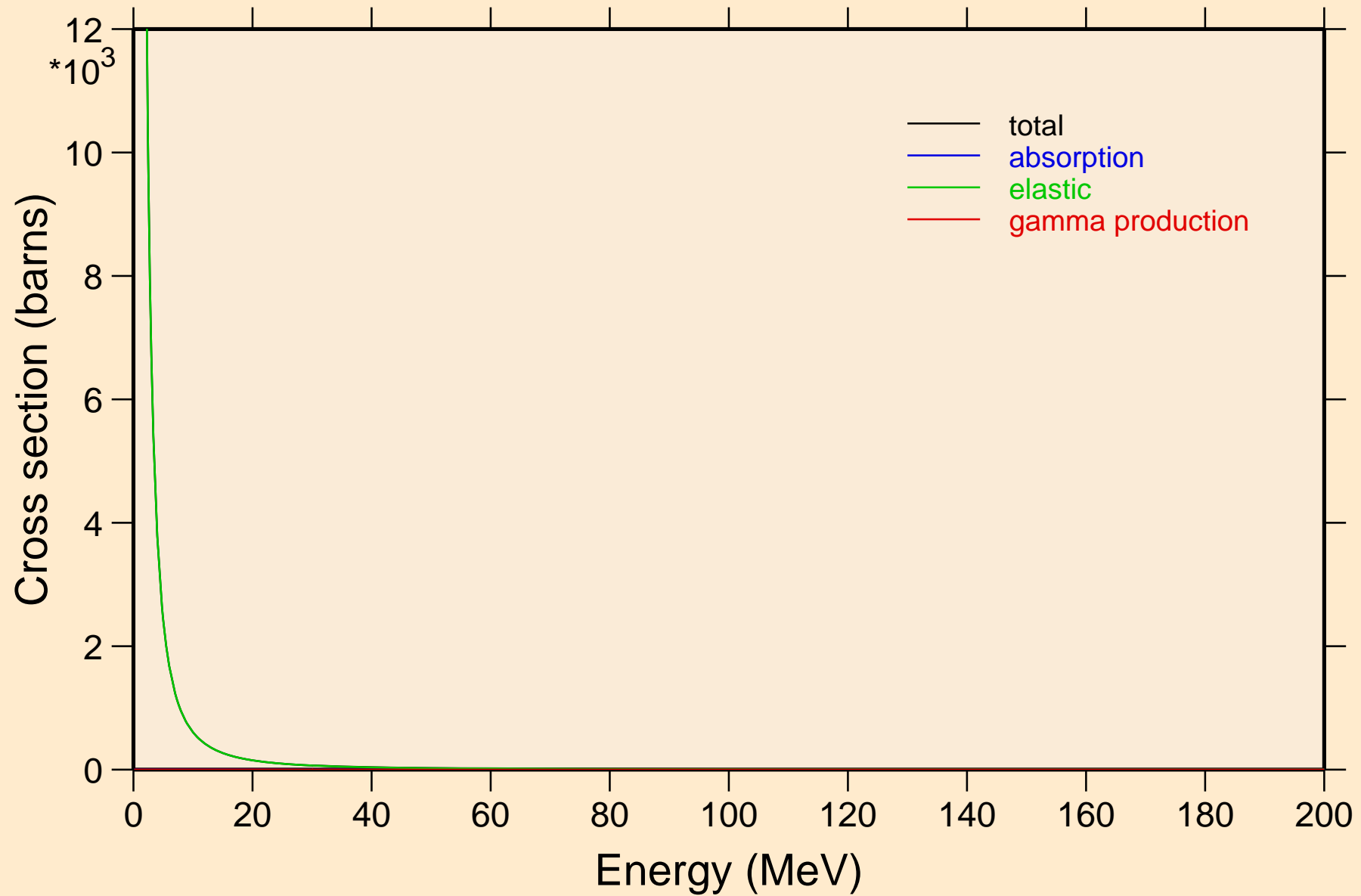
# ES256 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



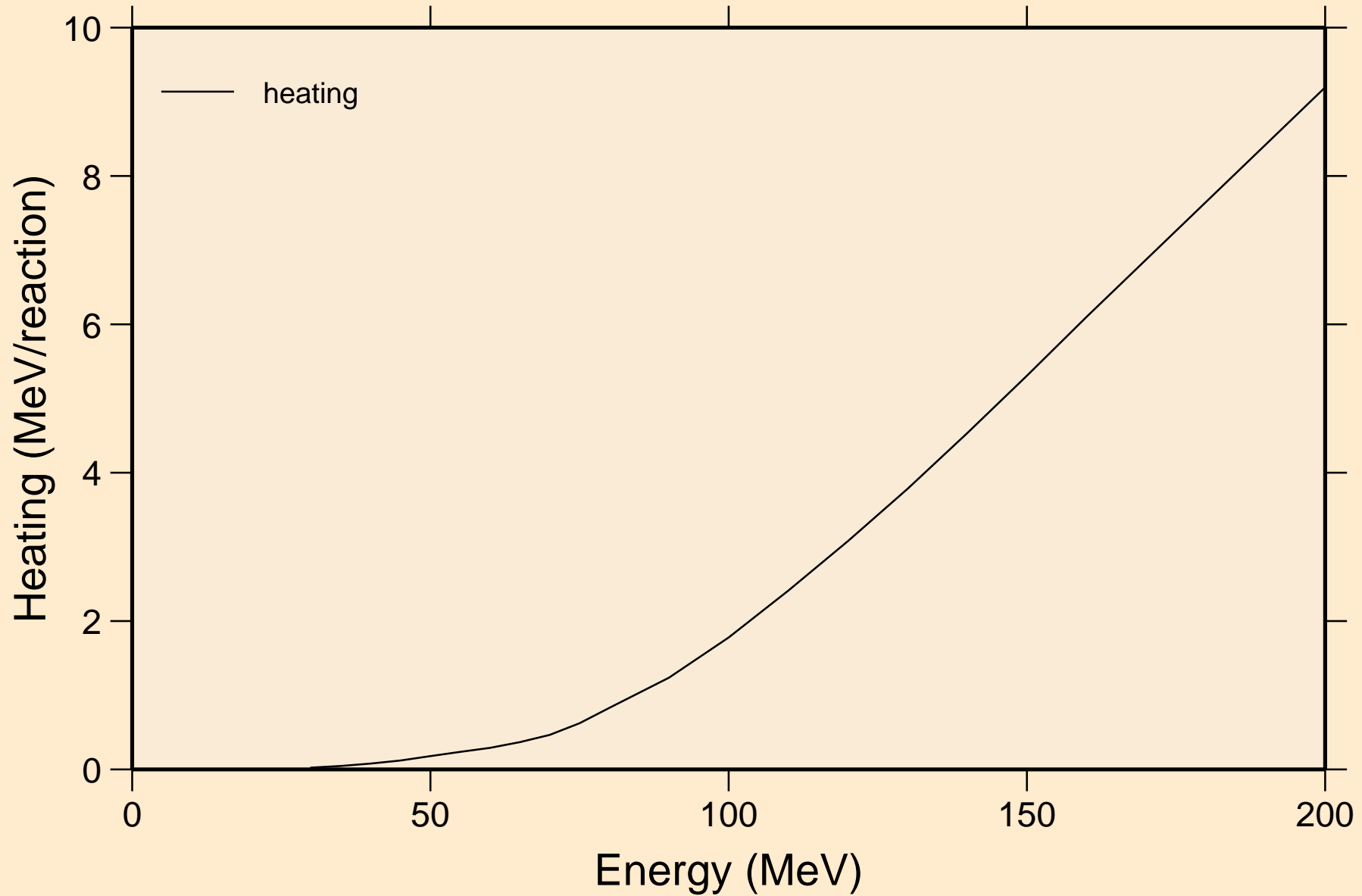
# ES256 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



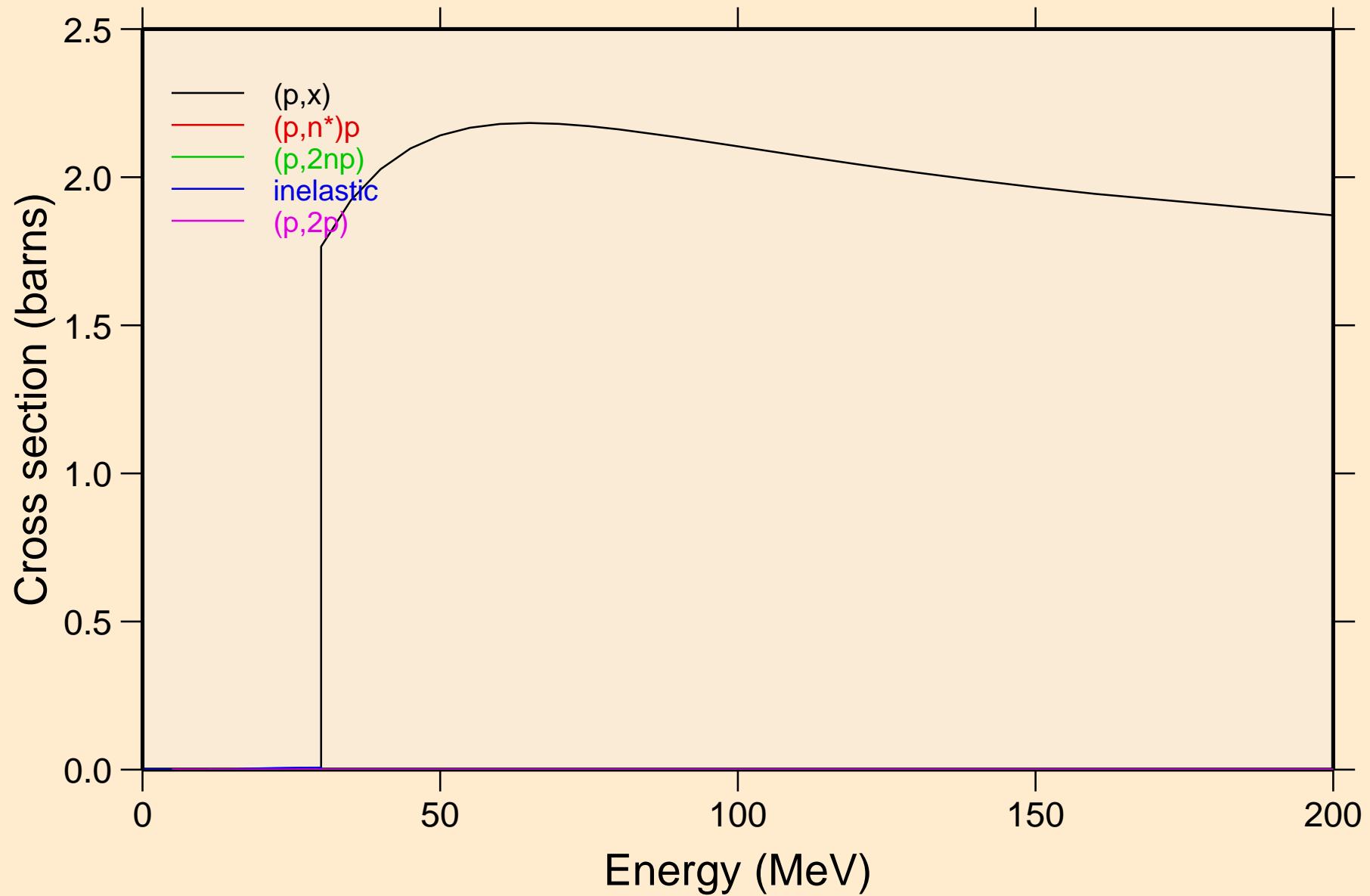
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## Heating

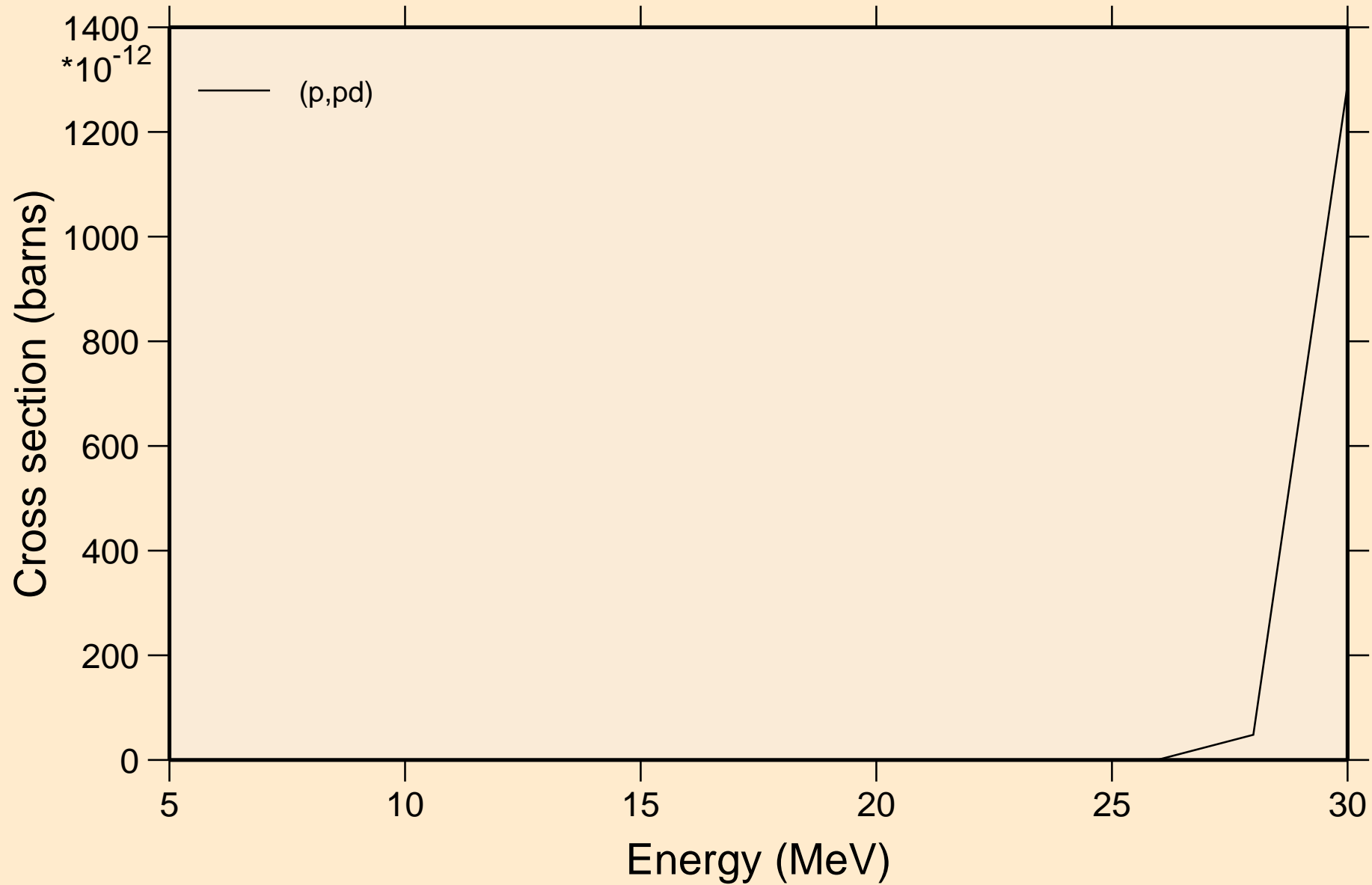


# ES256 PROTON ACER TENDL-2023 LIBRARY; T=0.K

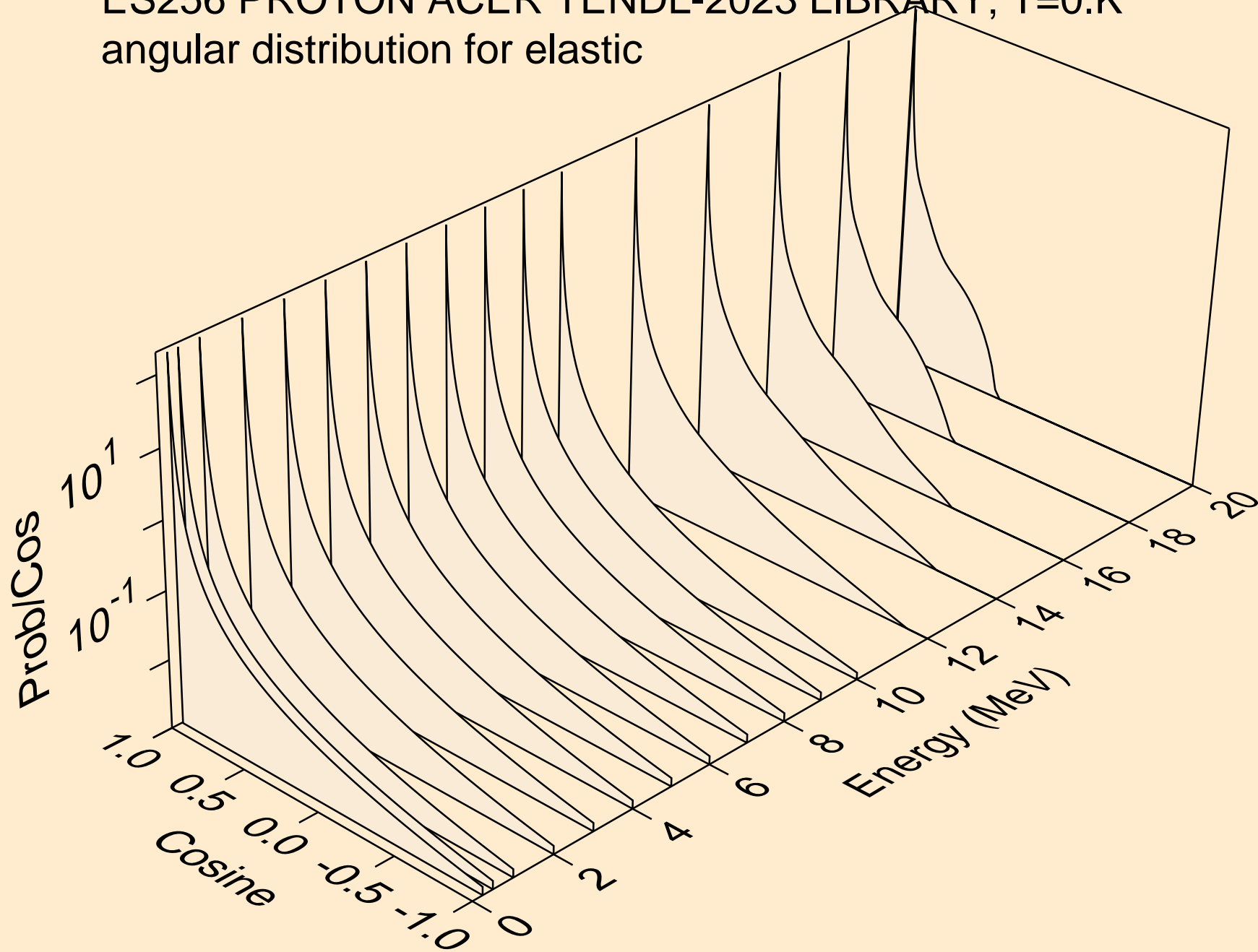
## Threshold reactions



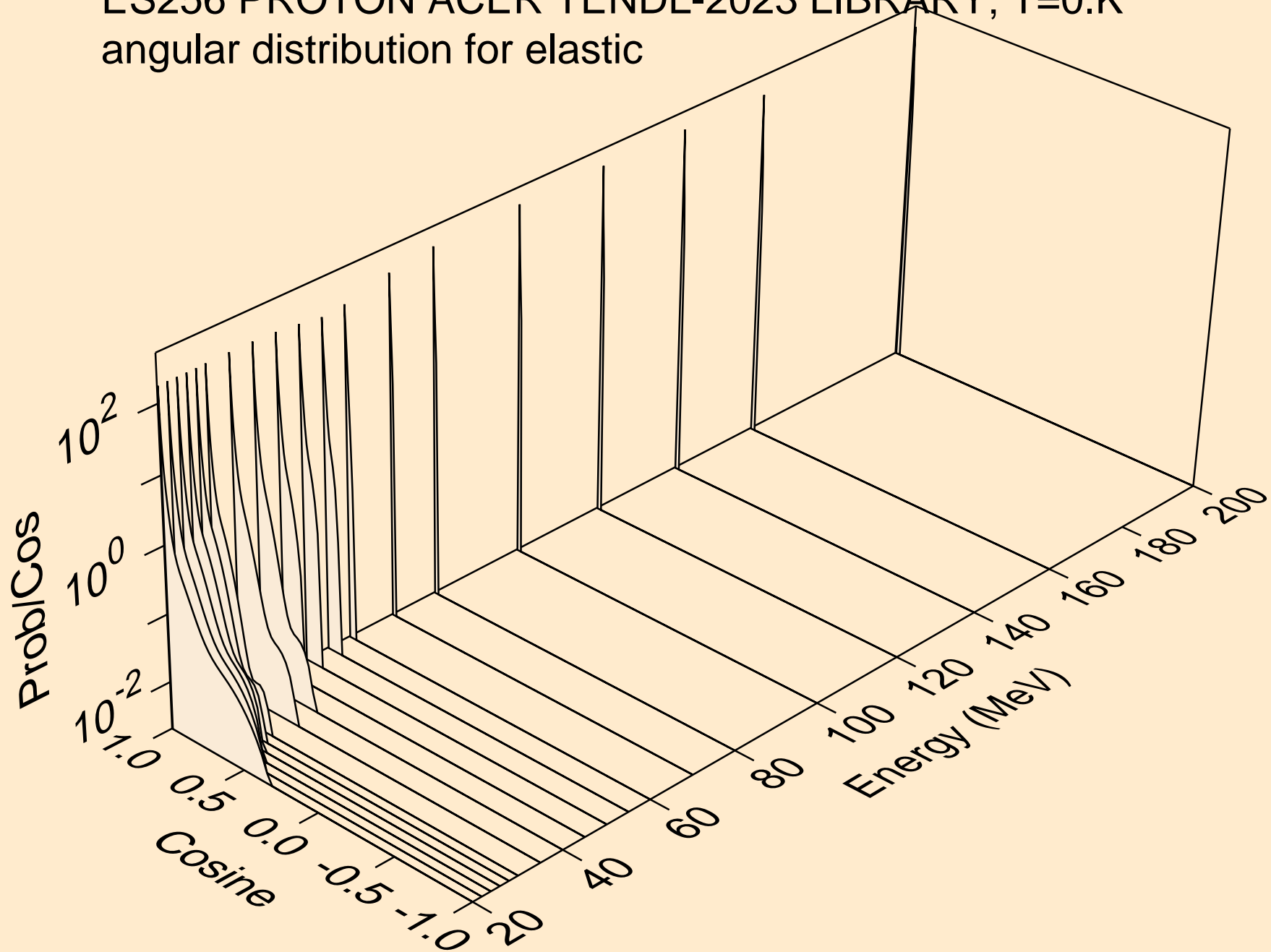
ES256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



ES256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

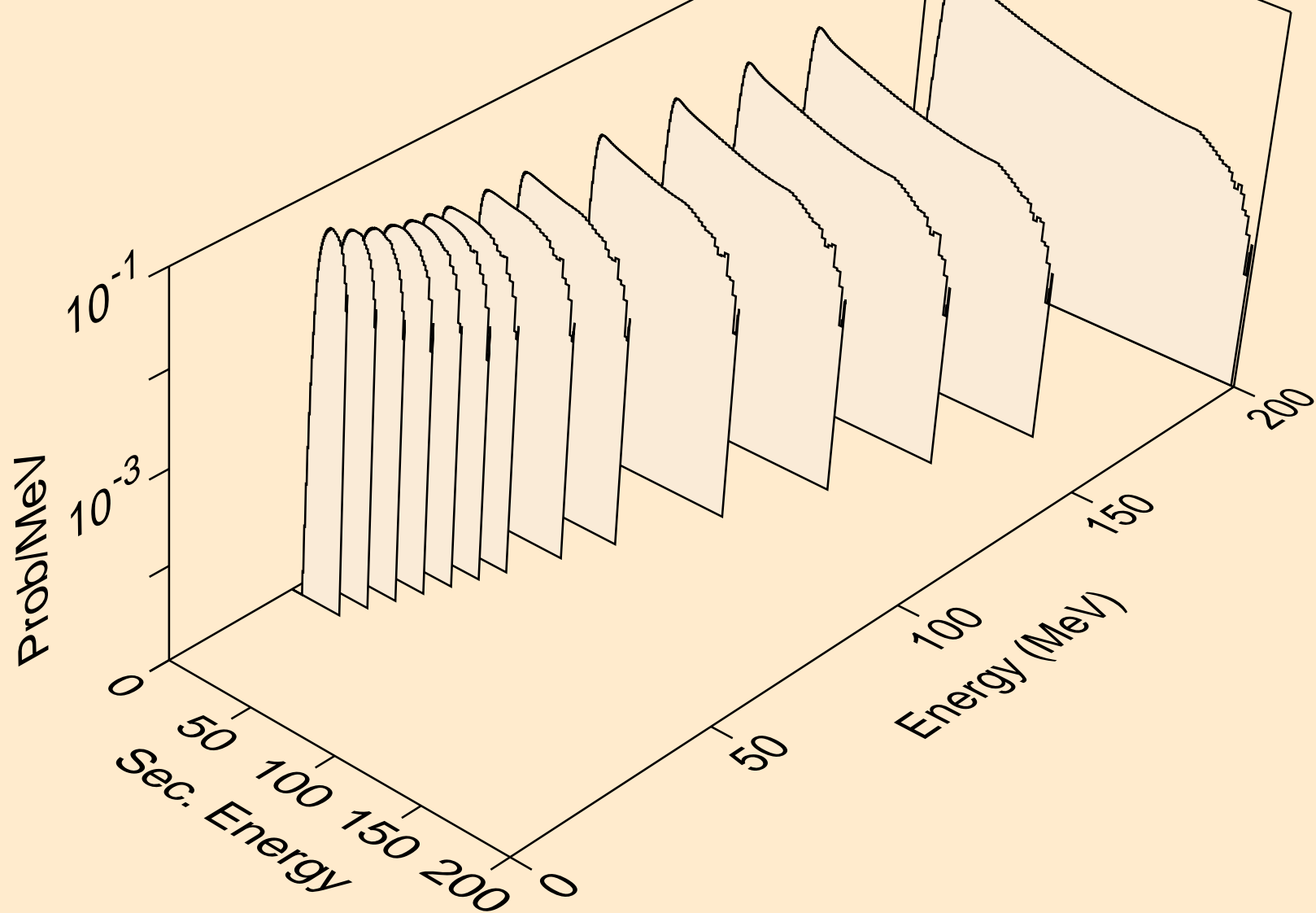


ES256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

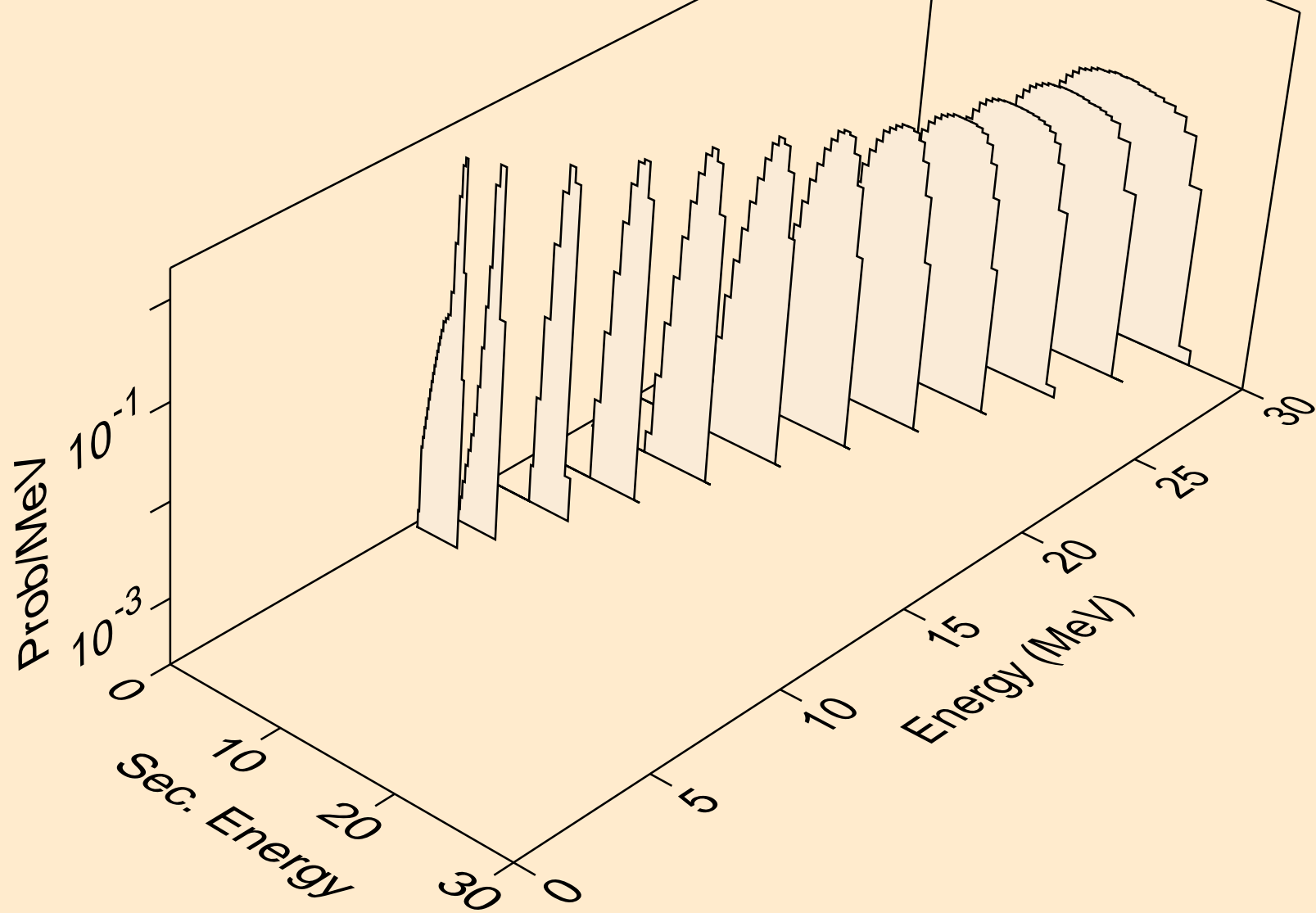




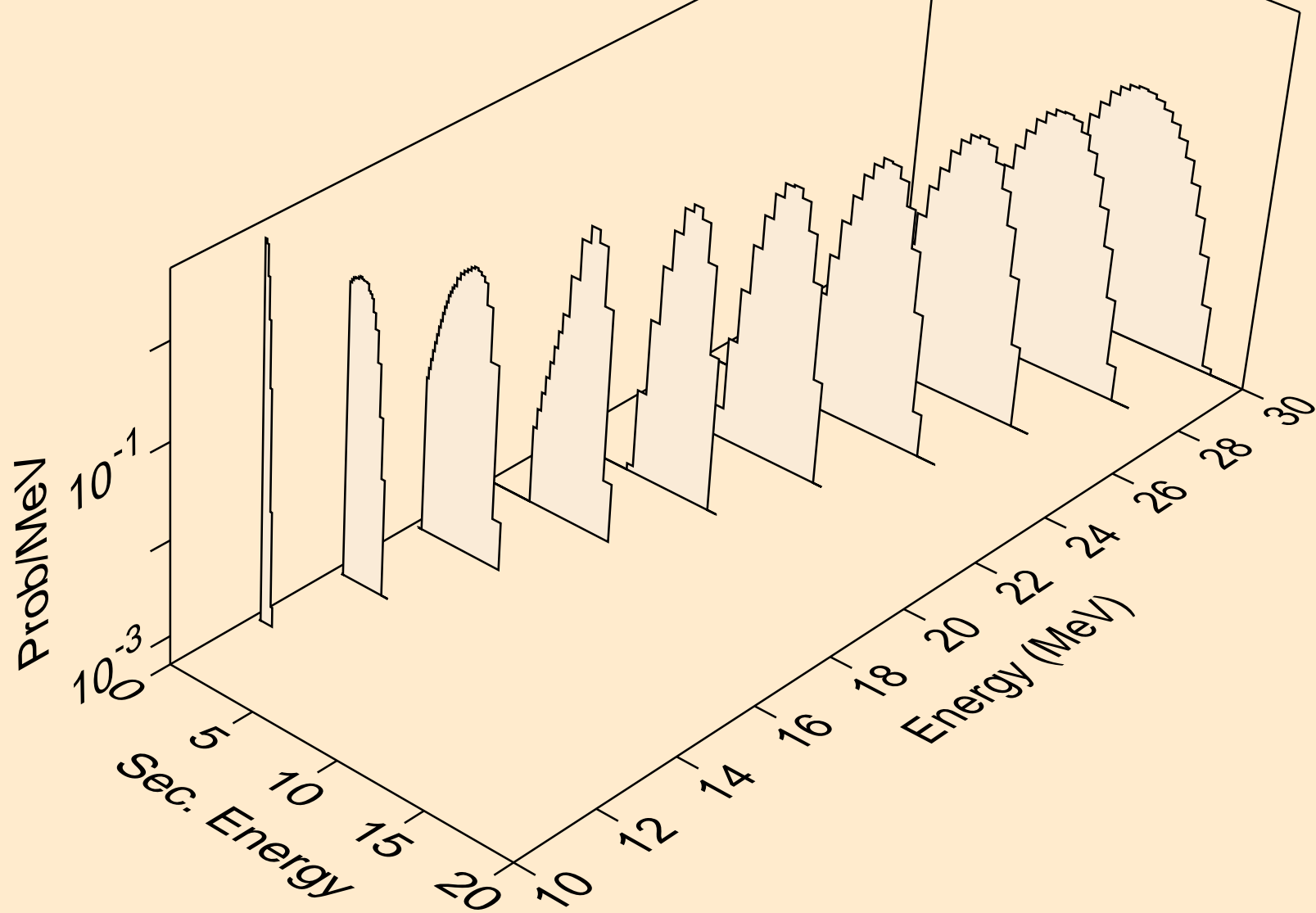
ES256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



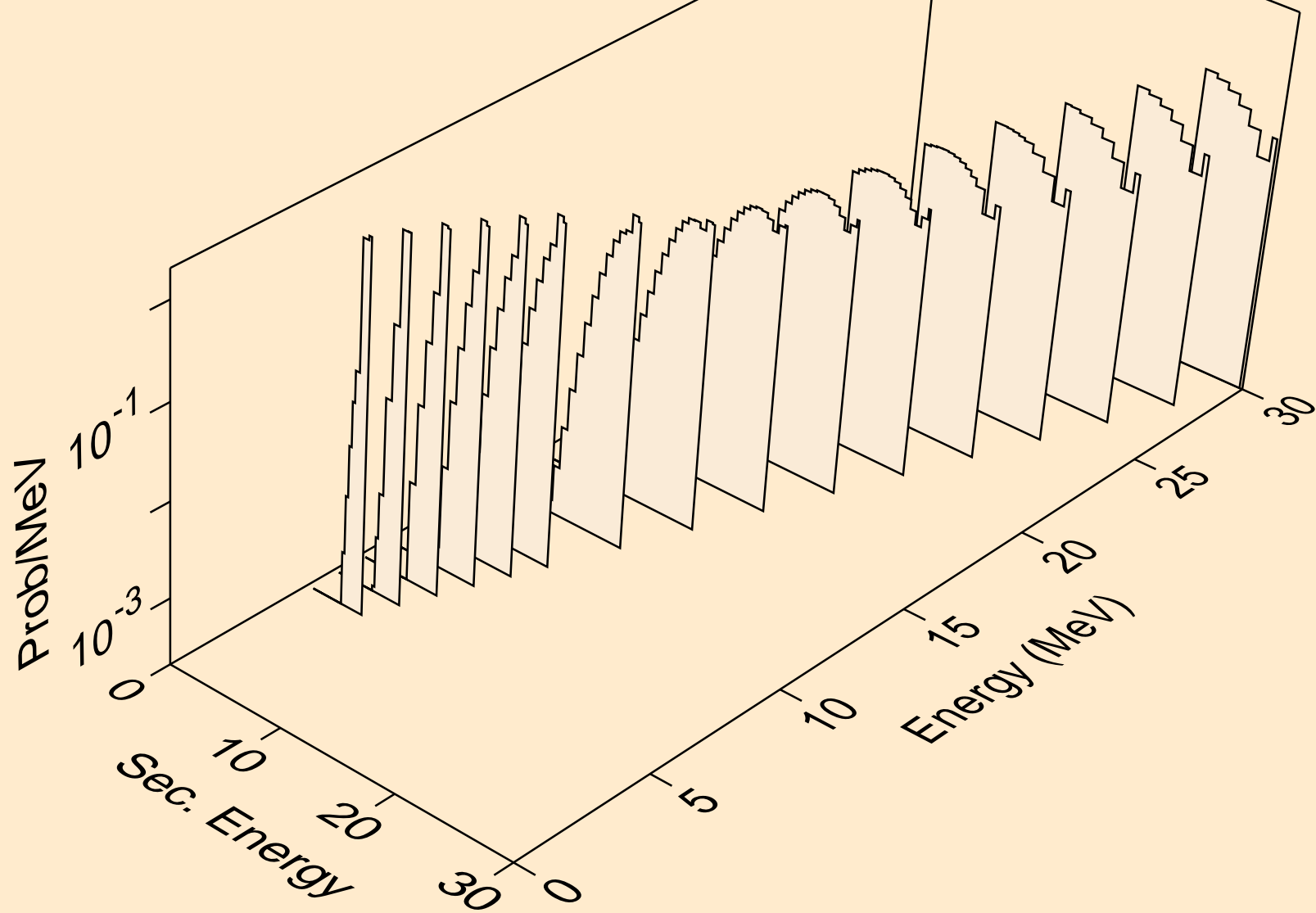
ES256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



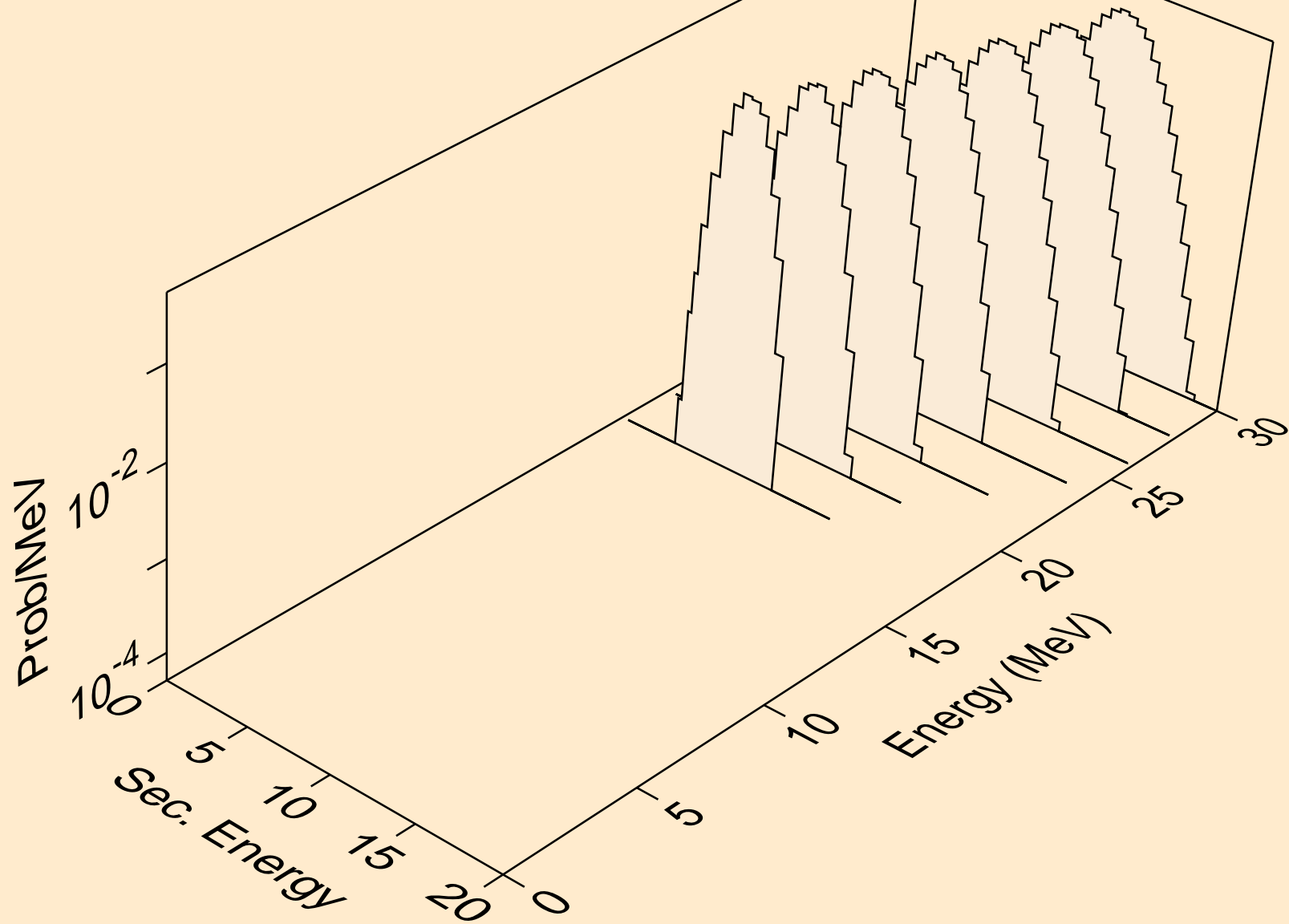
ES256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



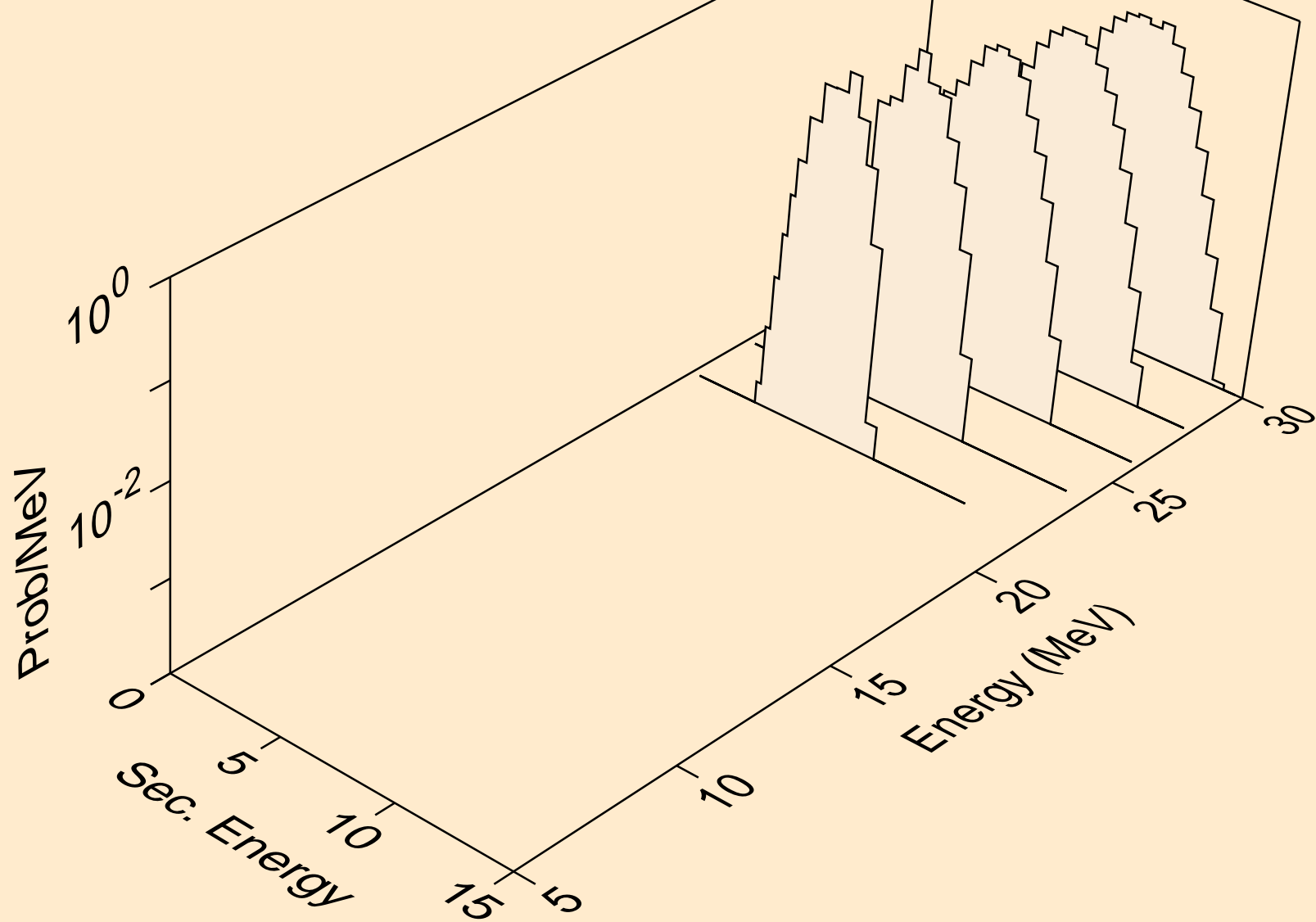
ES256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic



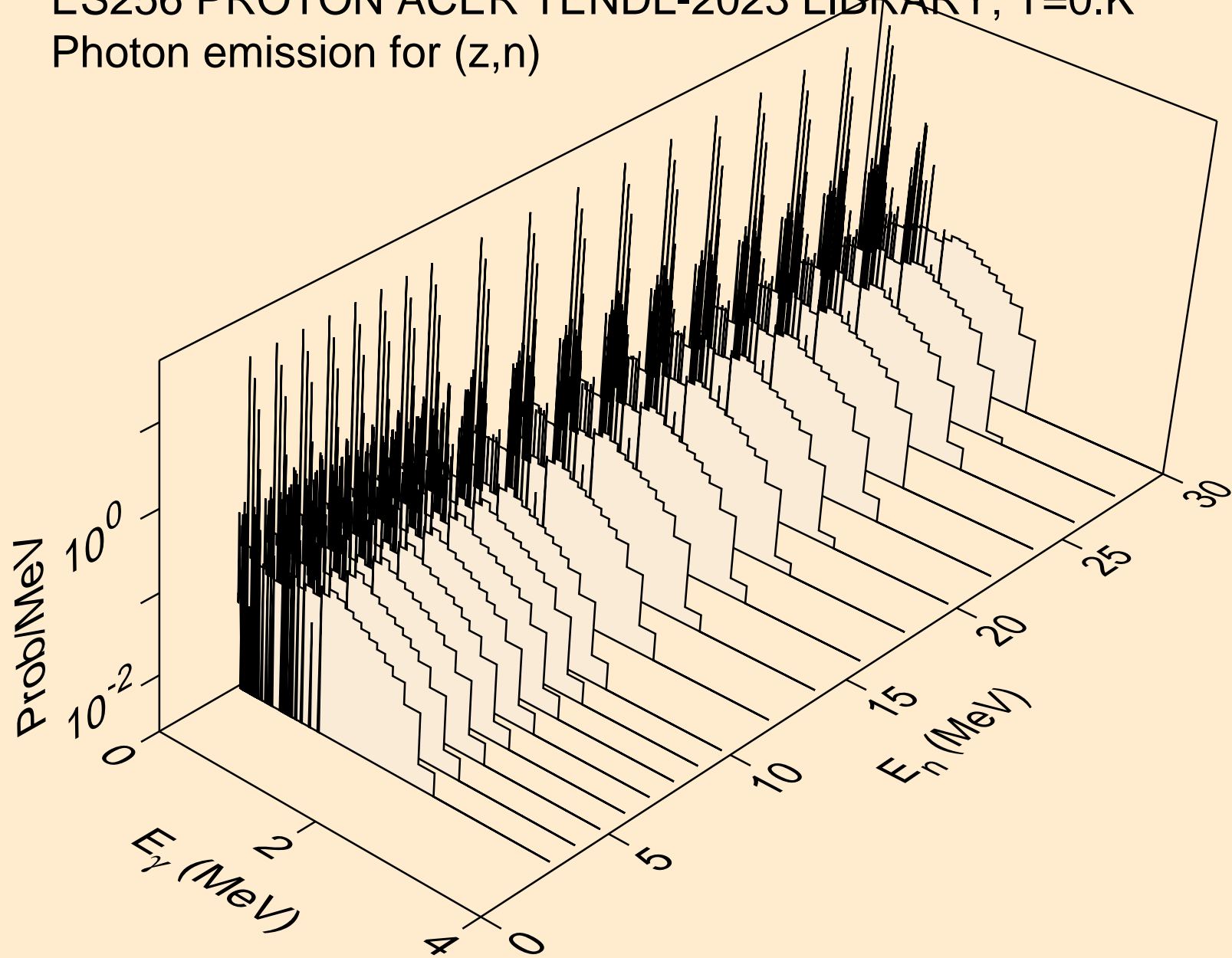
ES256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)



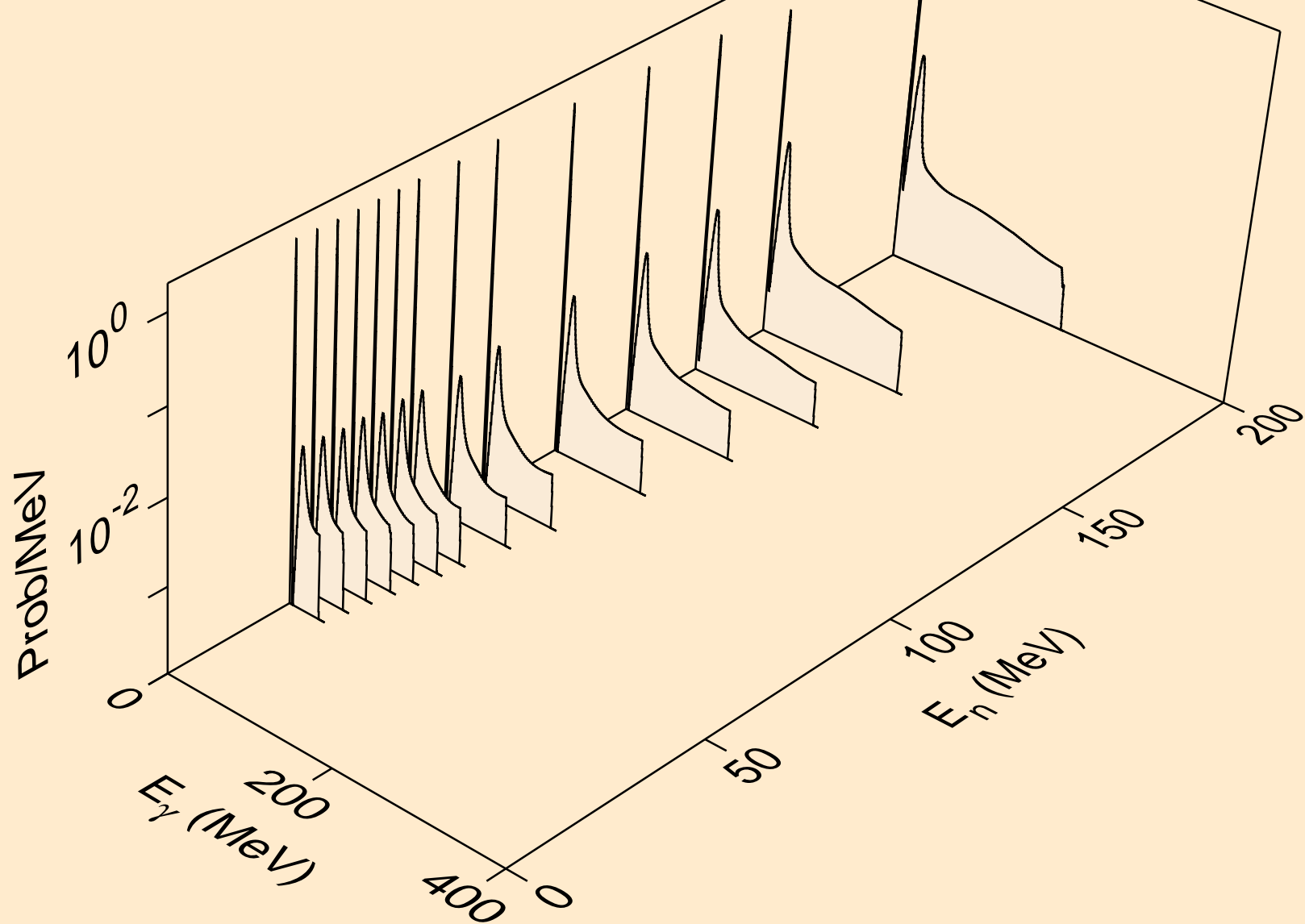
ES256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pd)



ES256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)

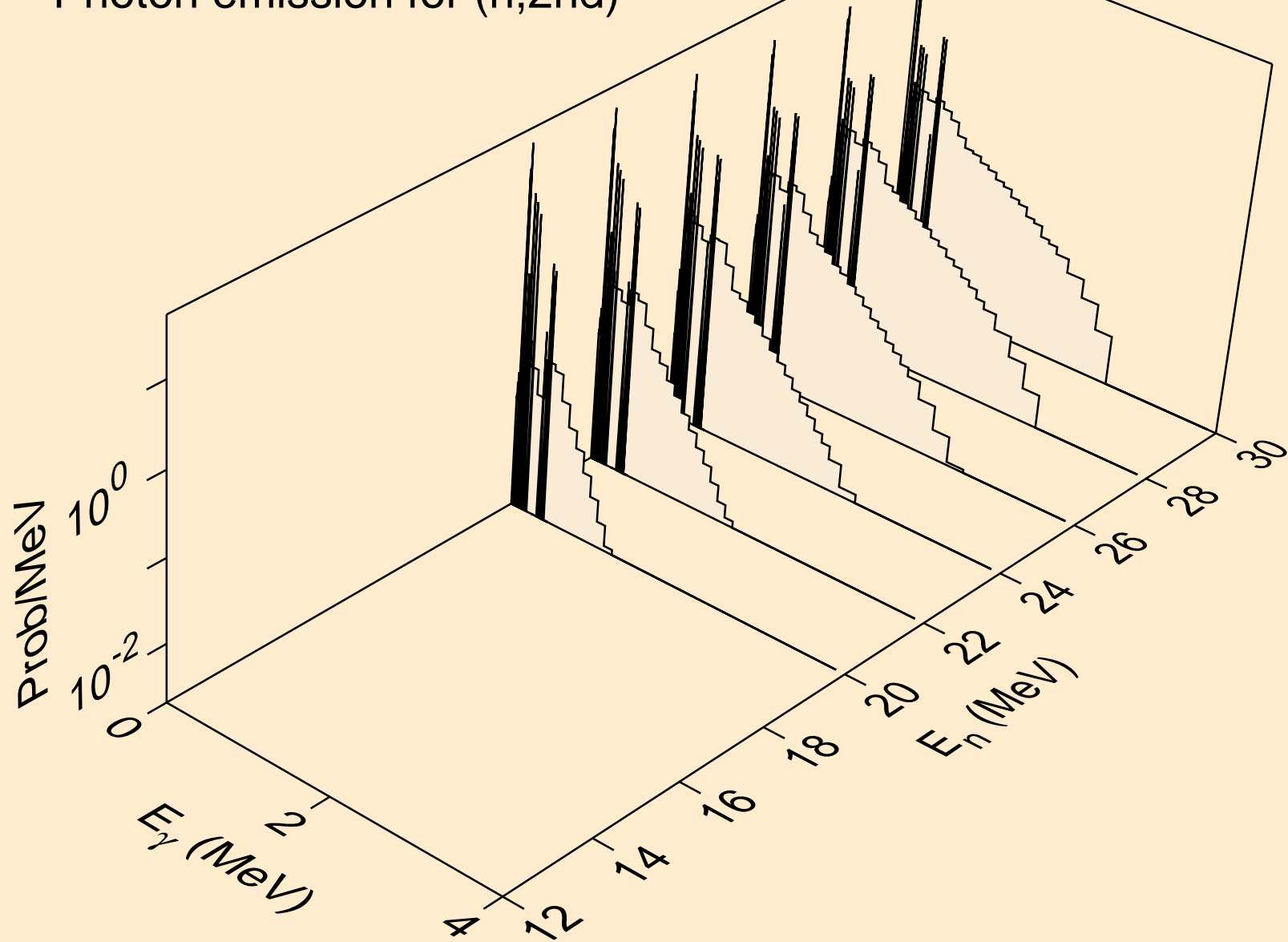


ES256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)

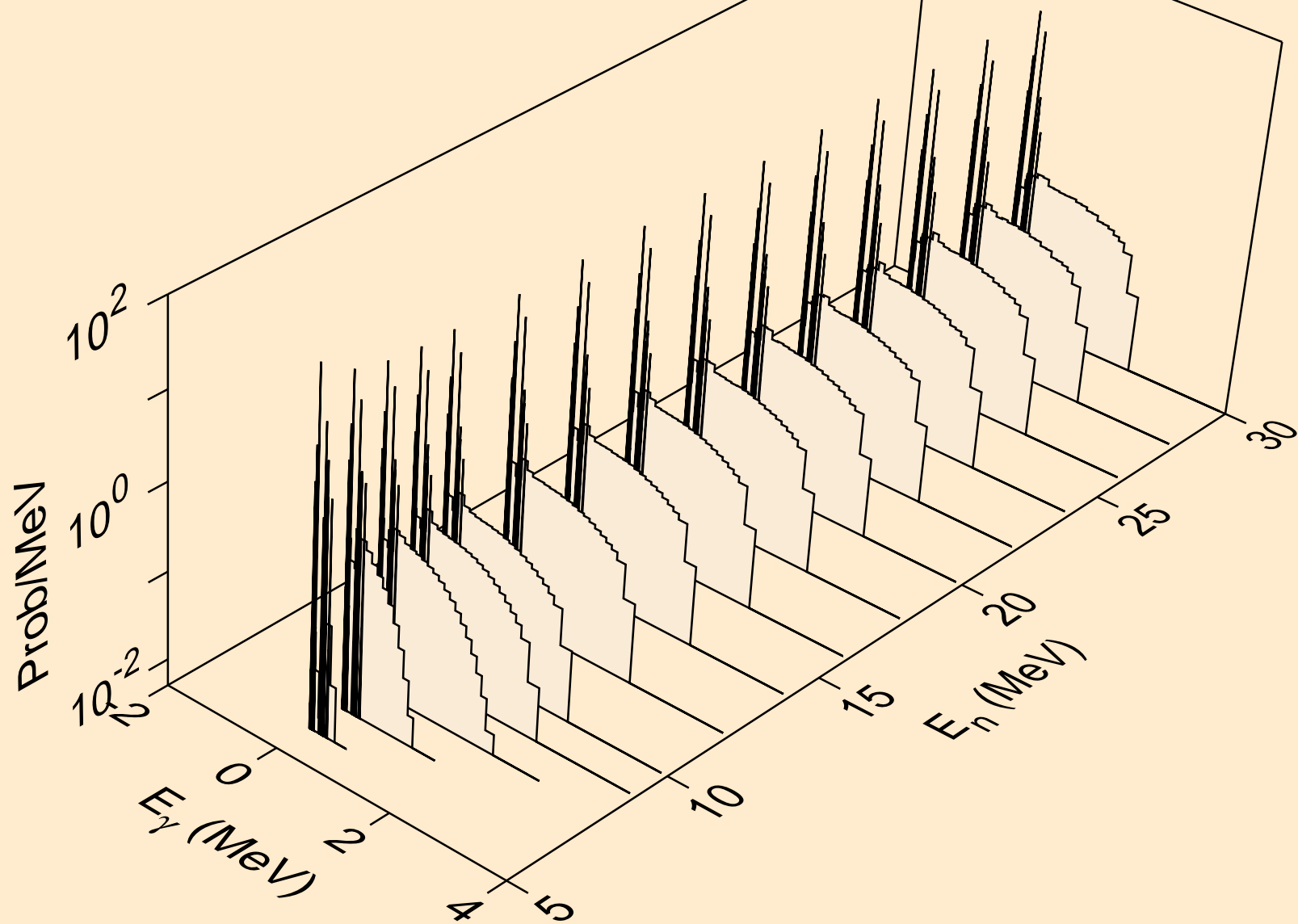




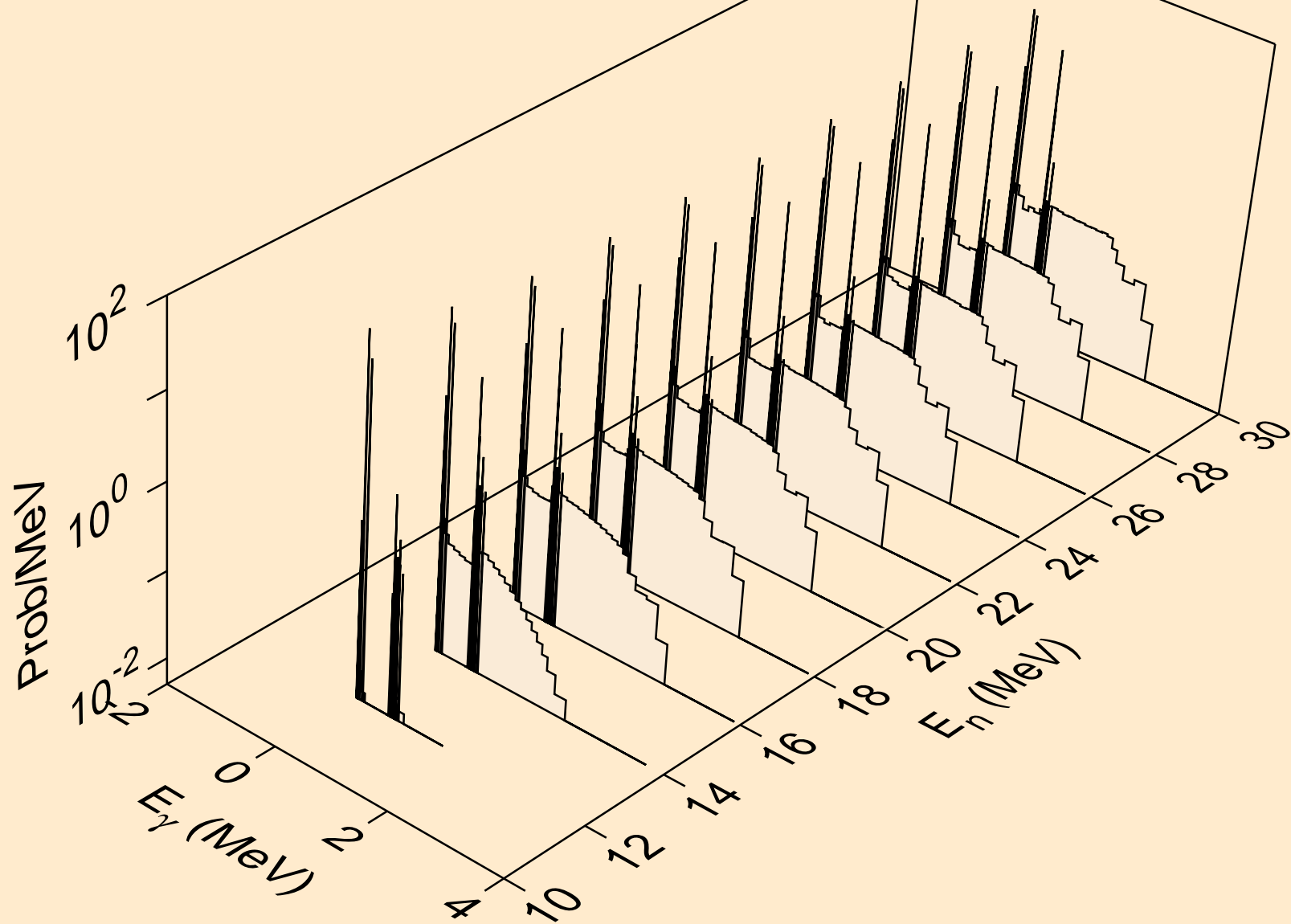
ES256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



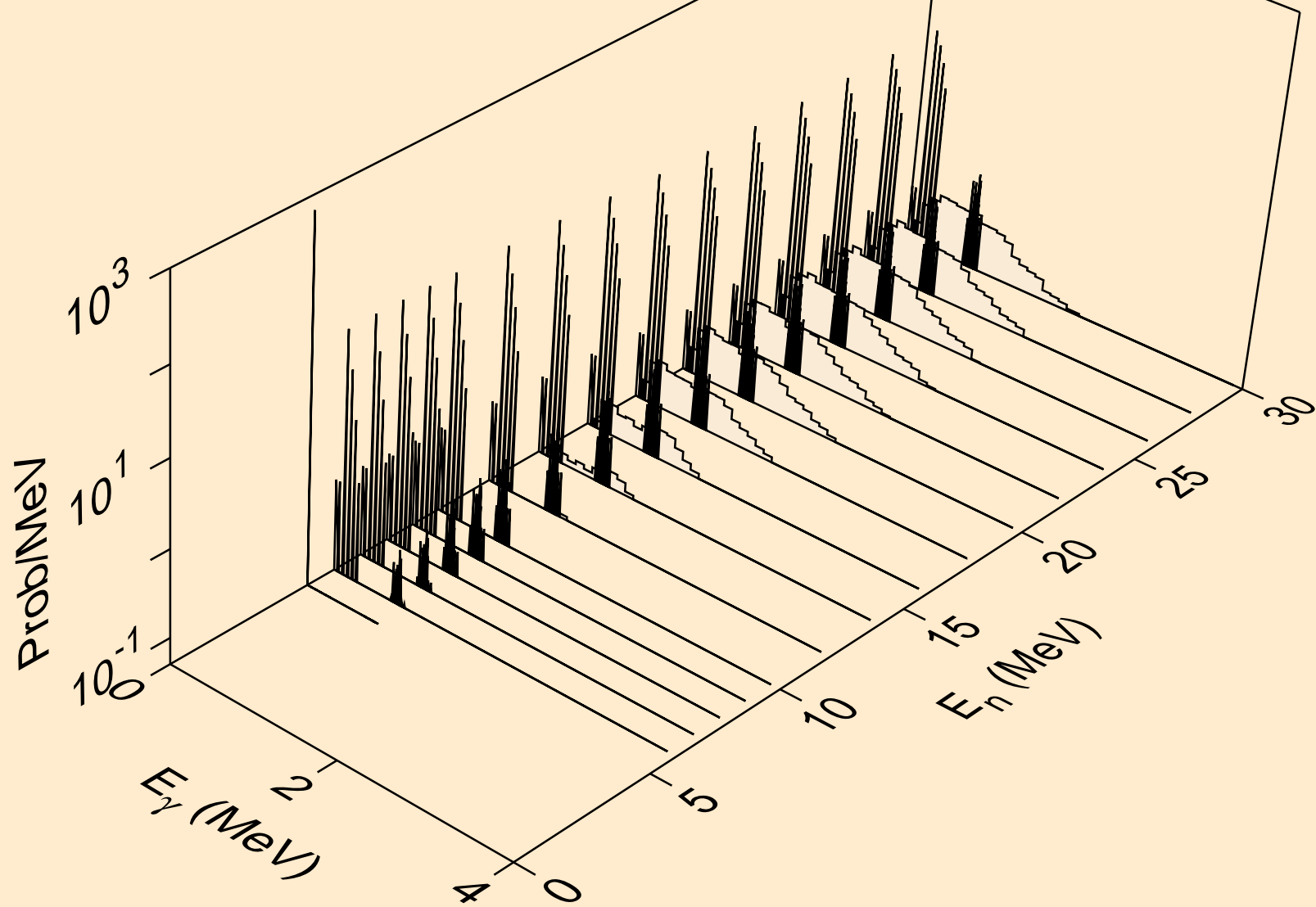
ES256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



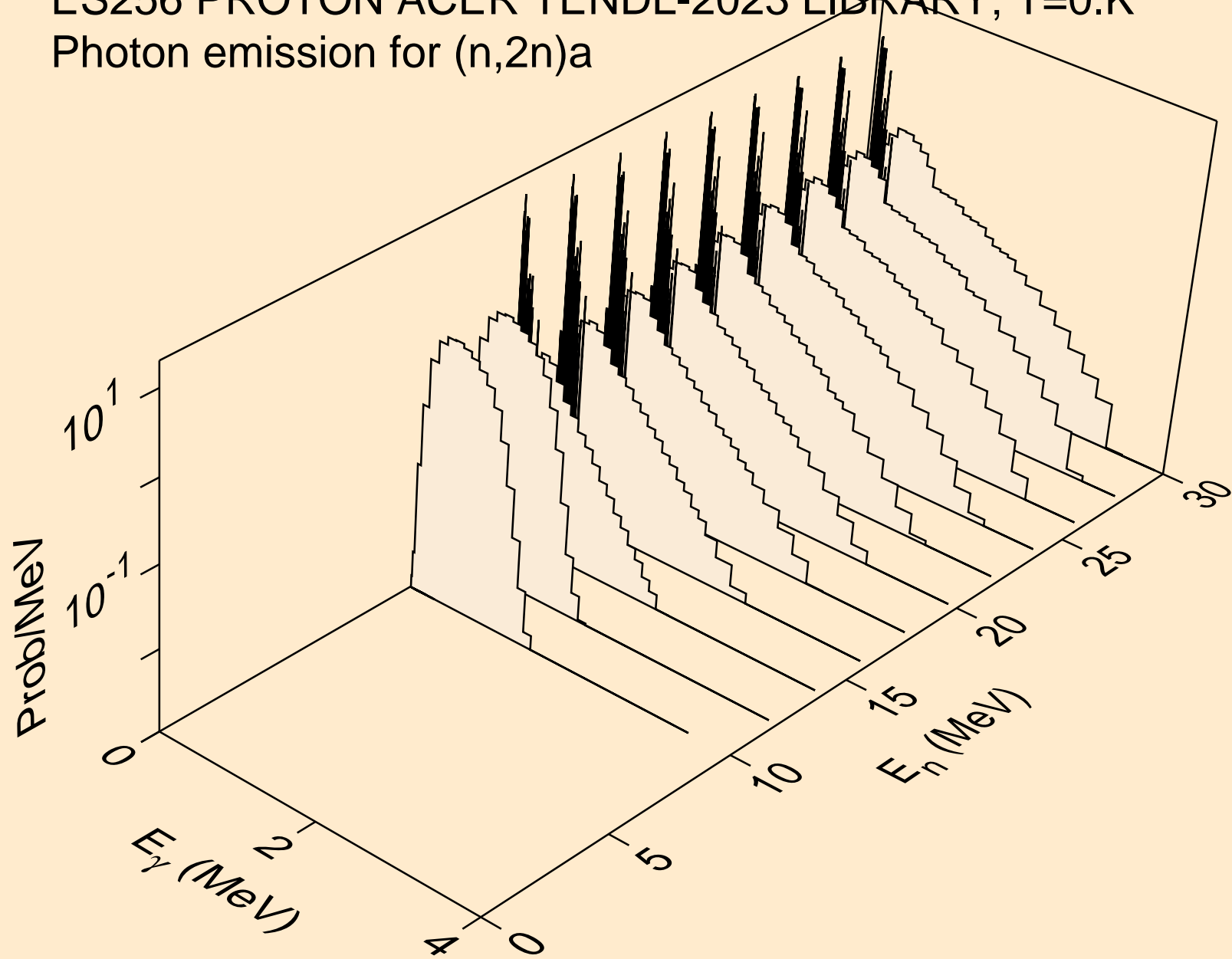
ES256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



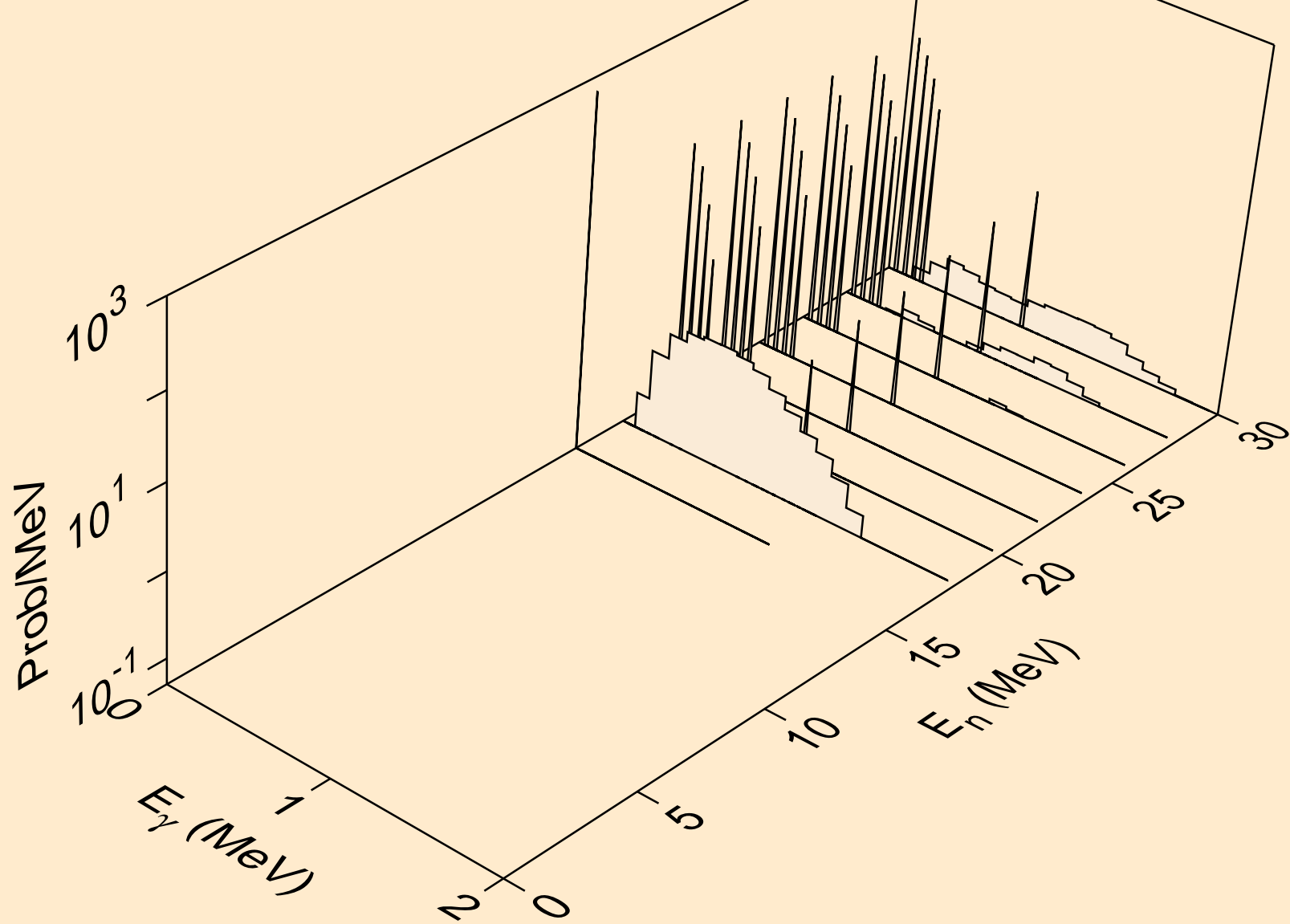
ES256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



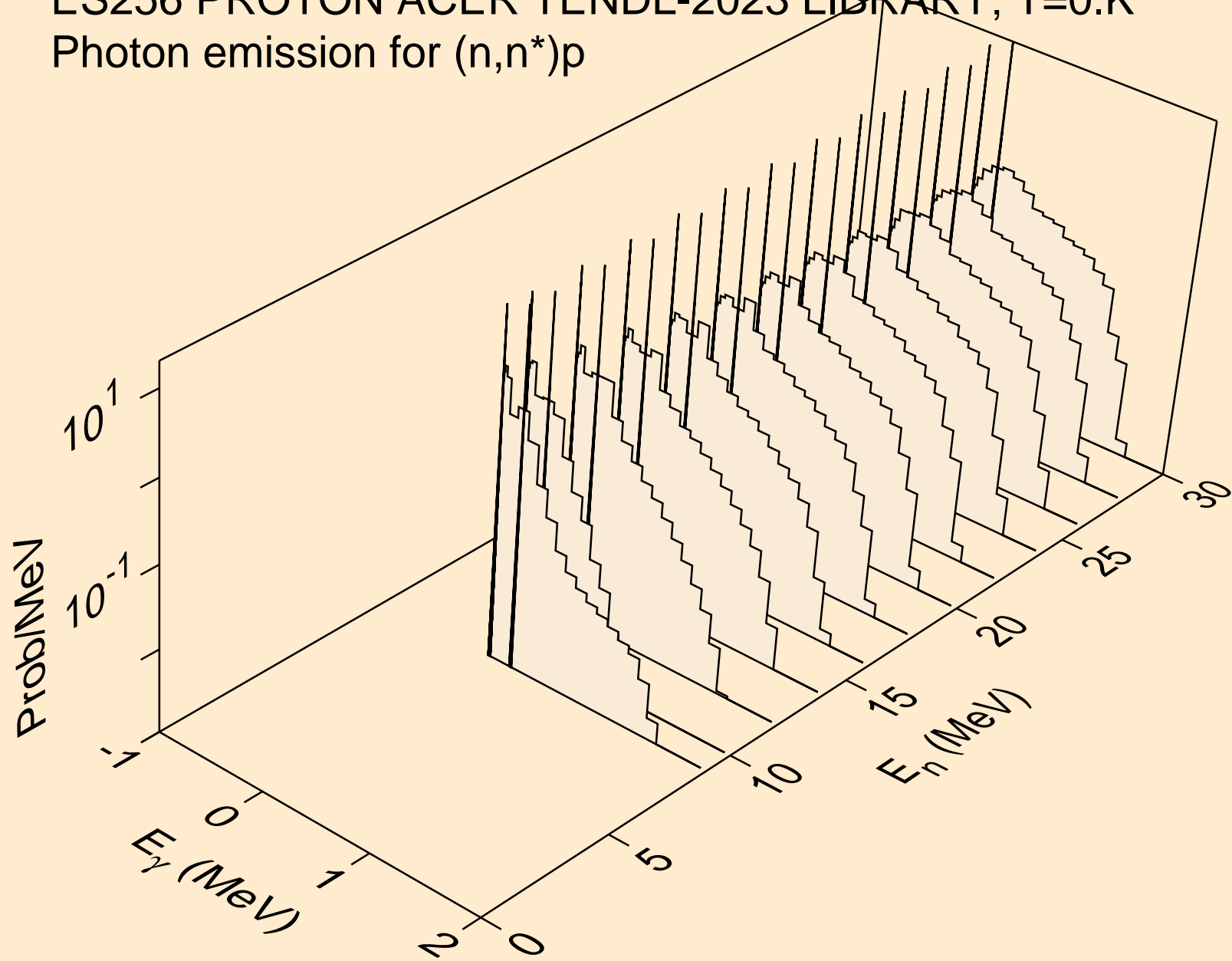
ES256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



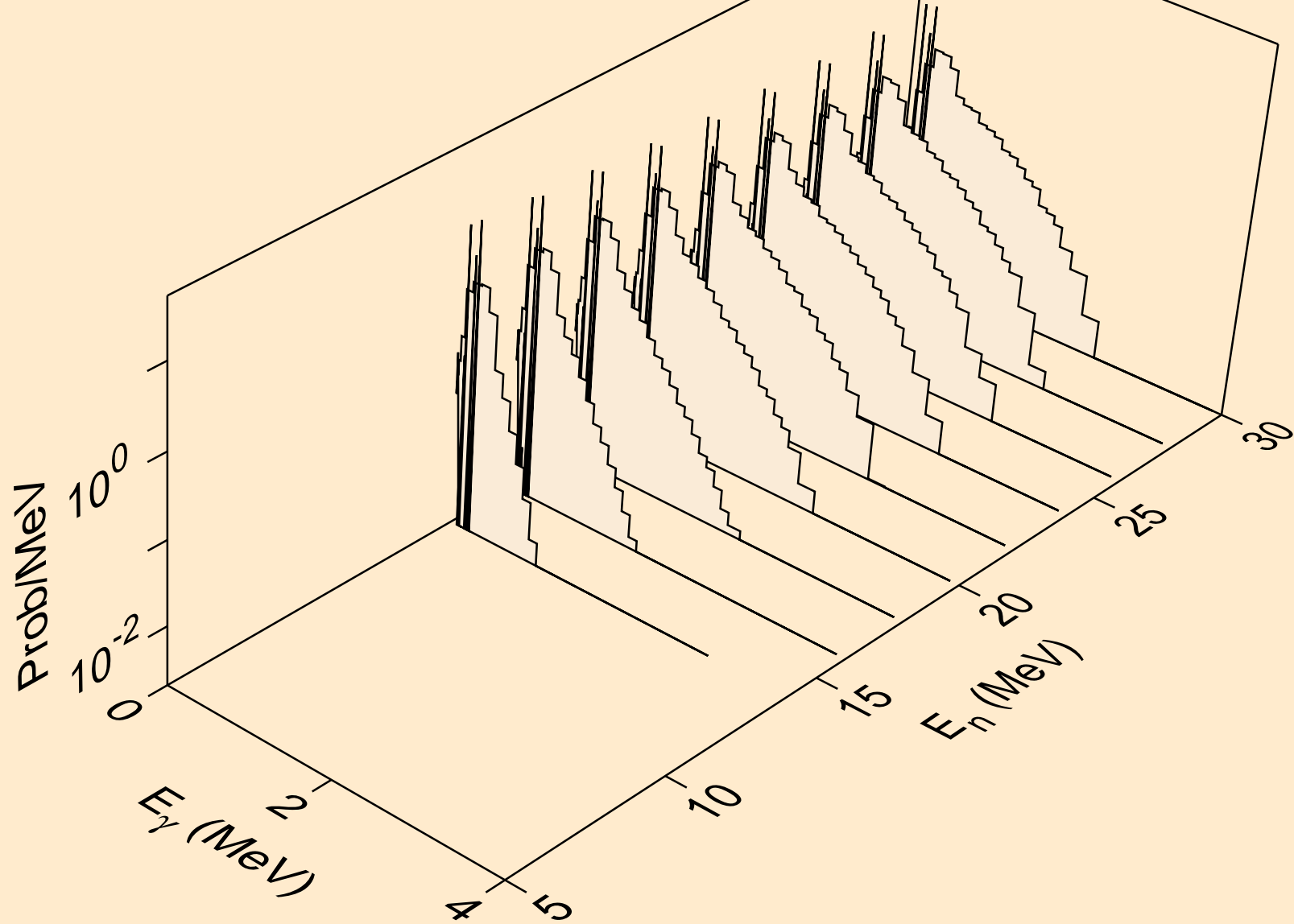
ES256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



ES256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

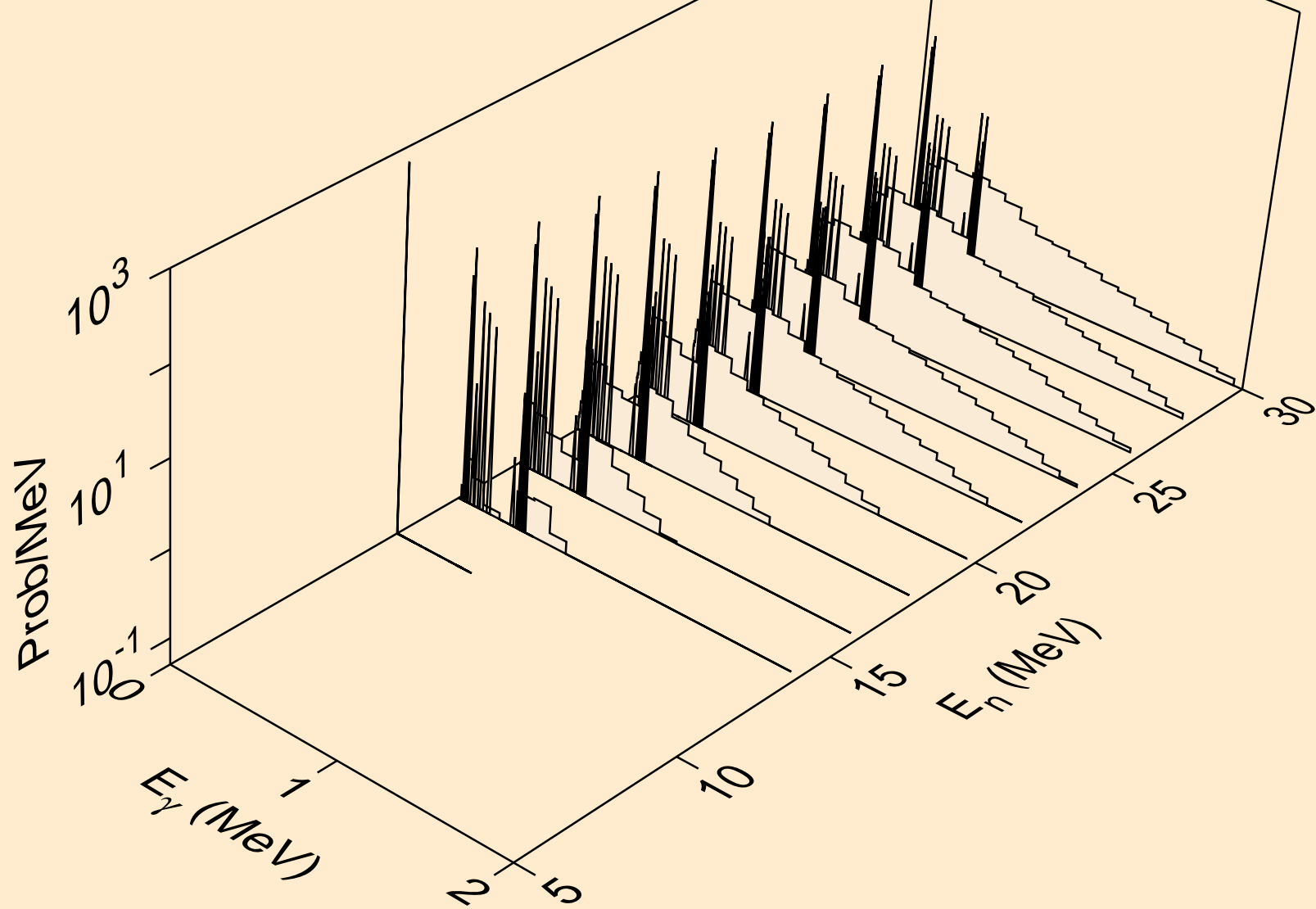


ES256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

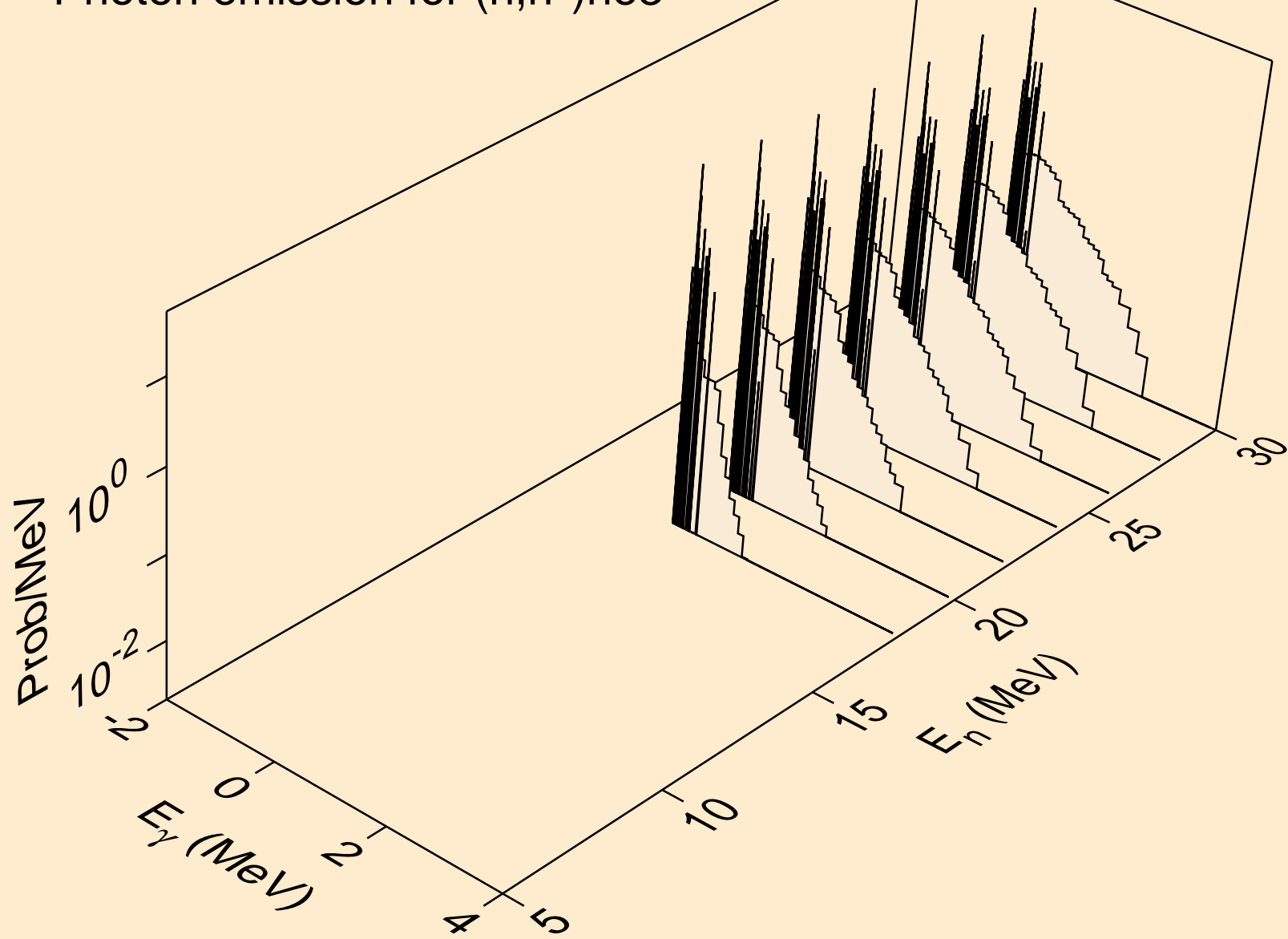




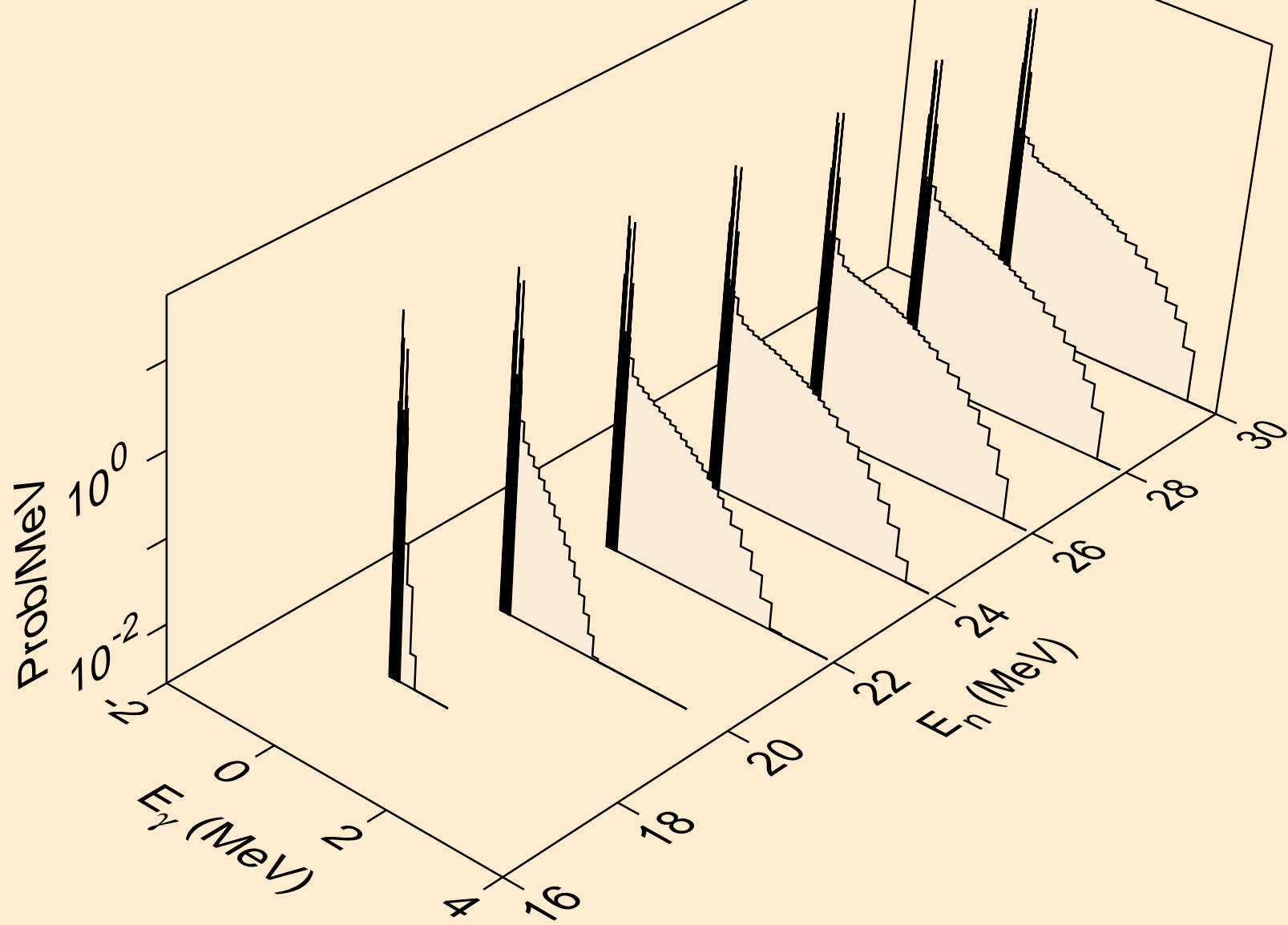
ES256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



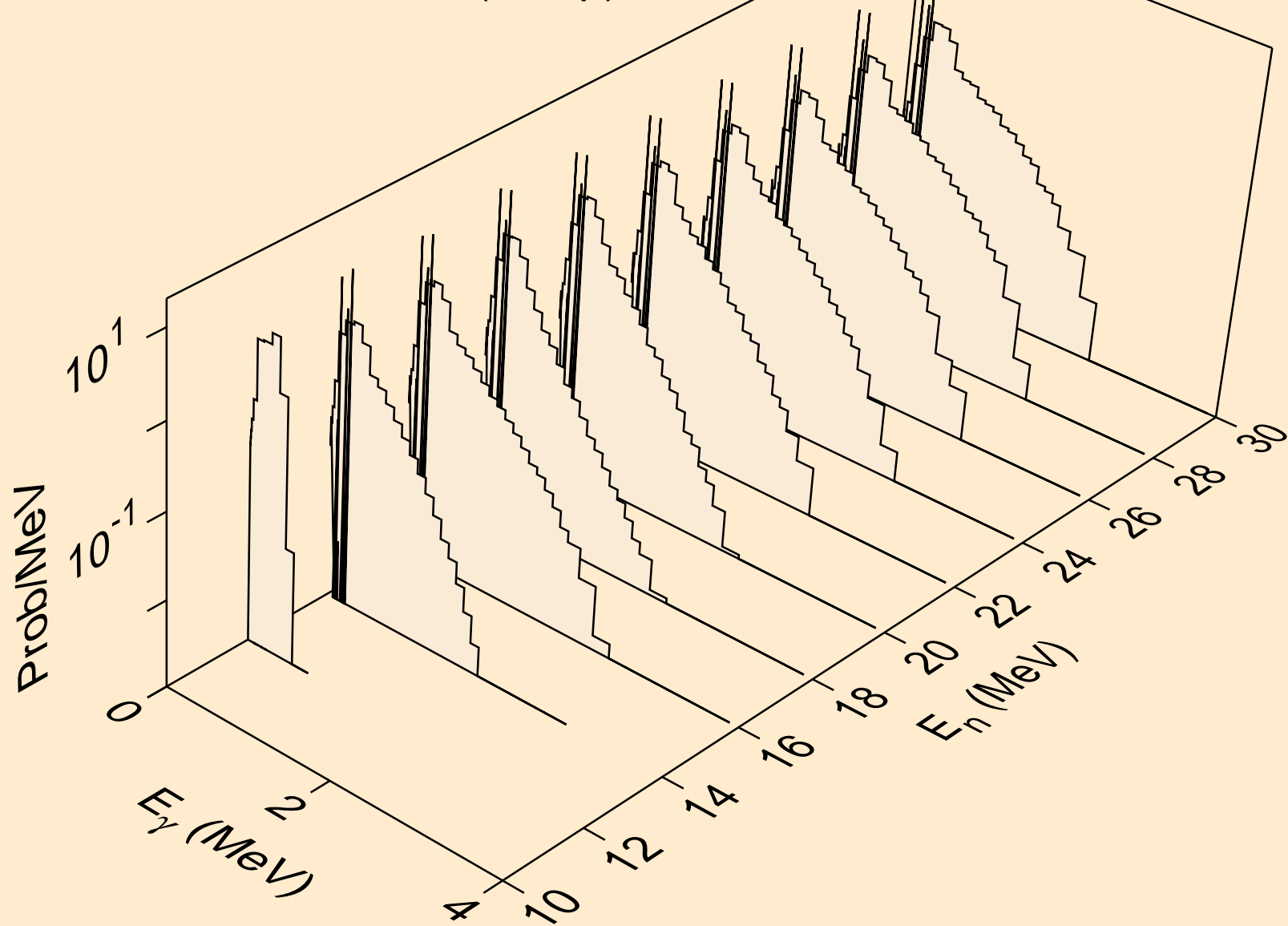
ES256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



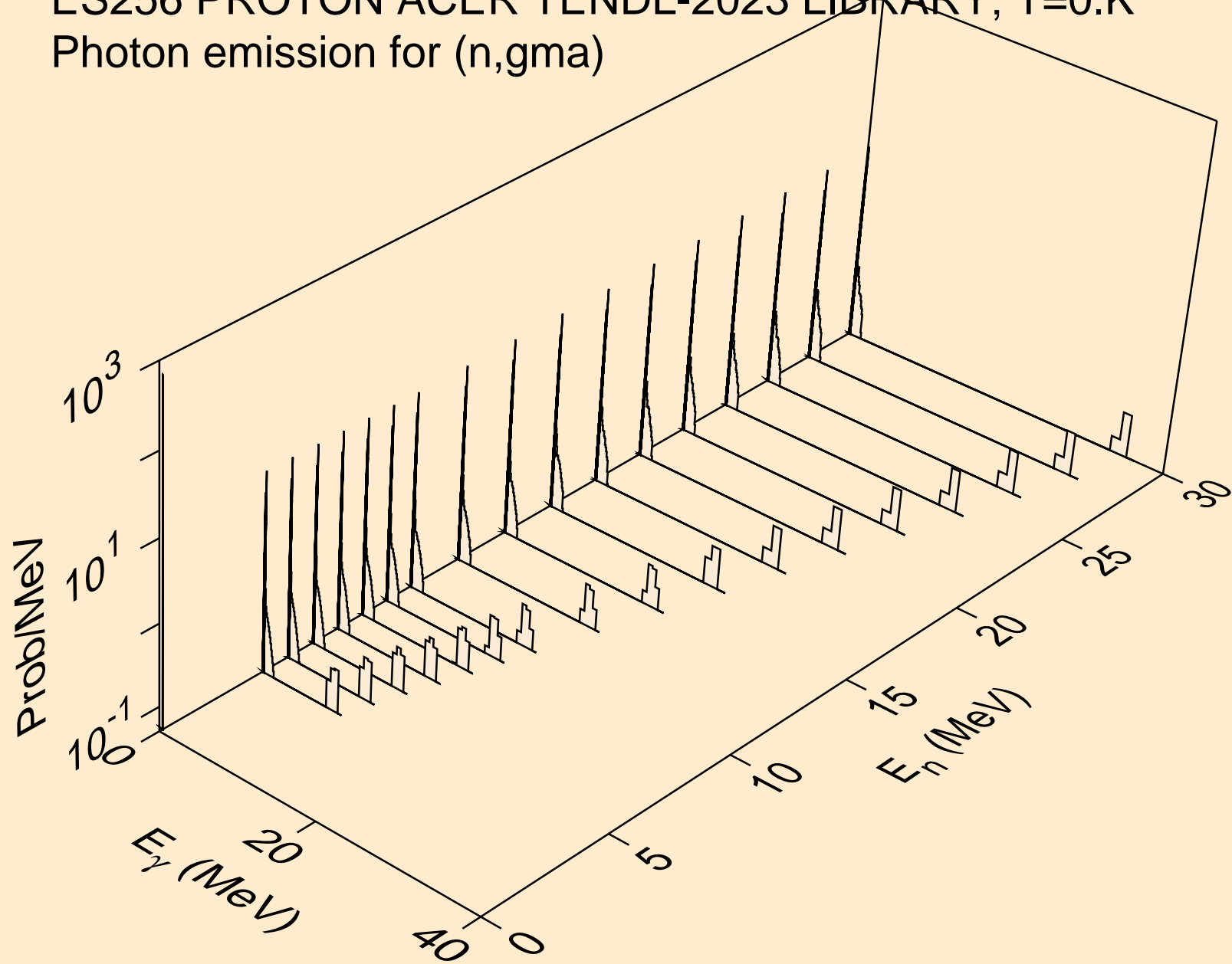
ES256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



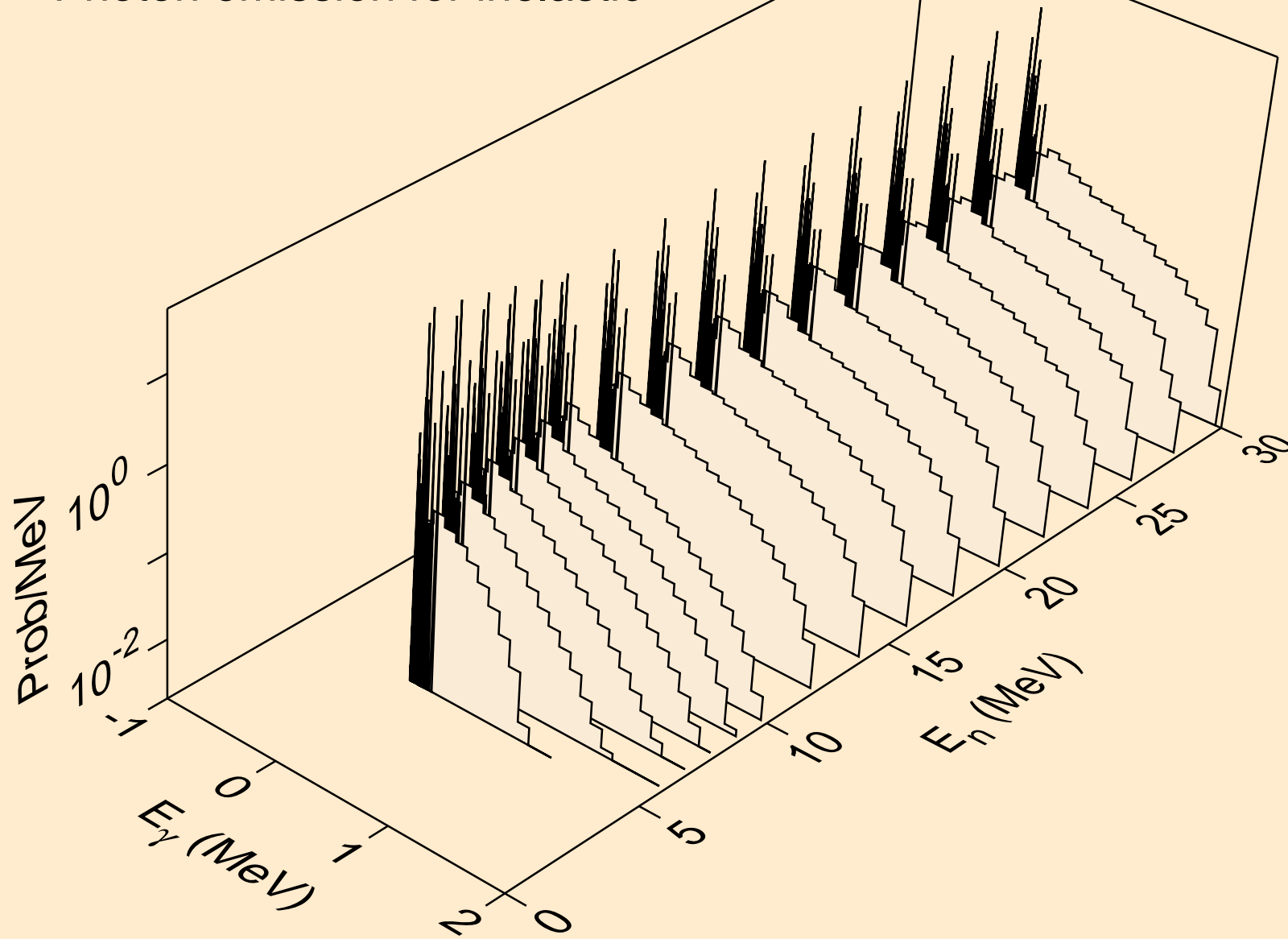
ES256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



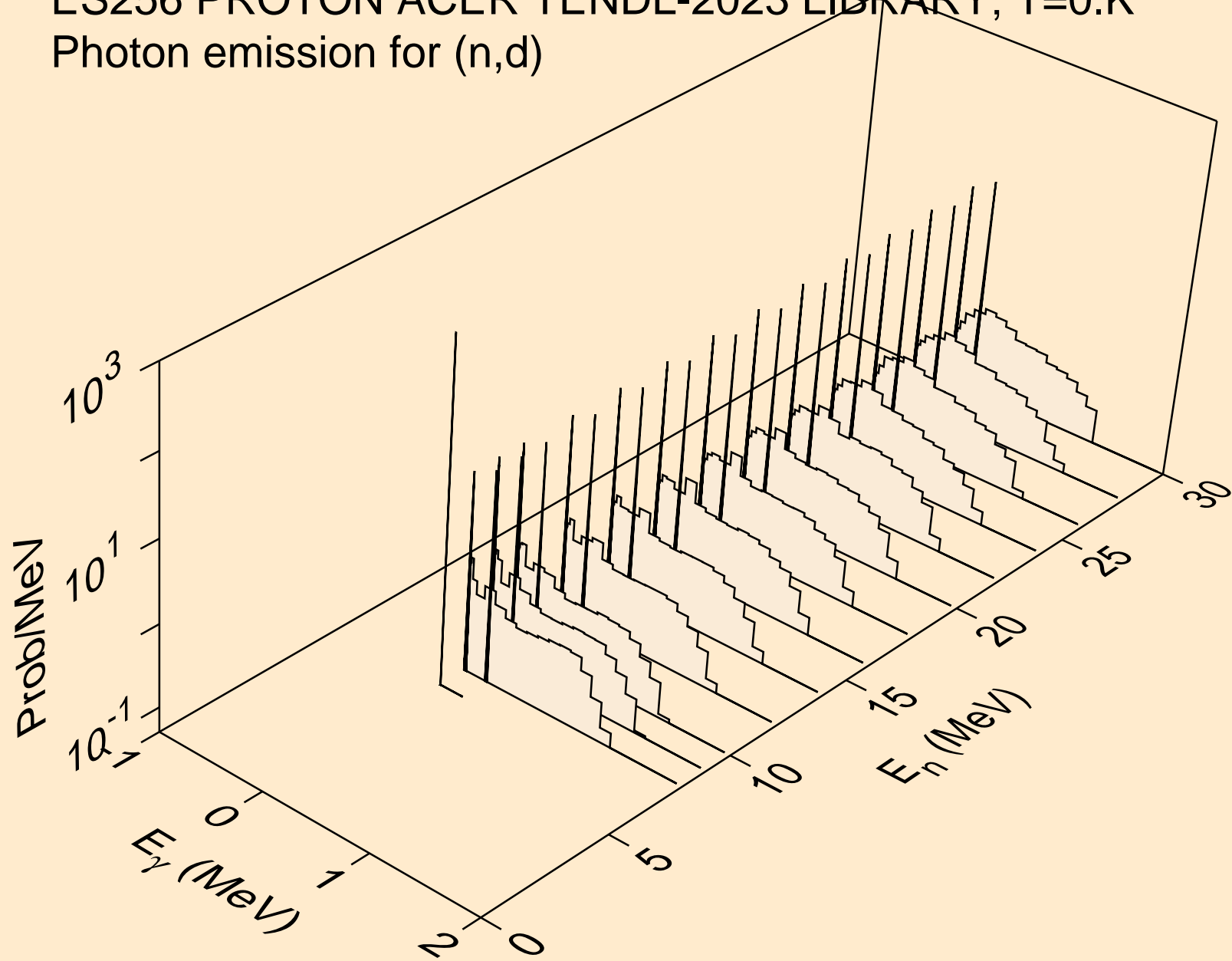
ES256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



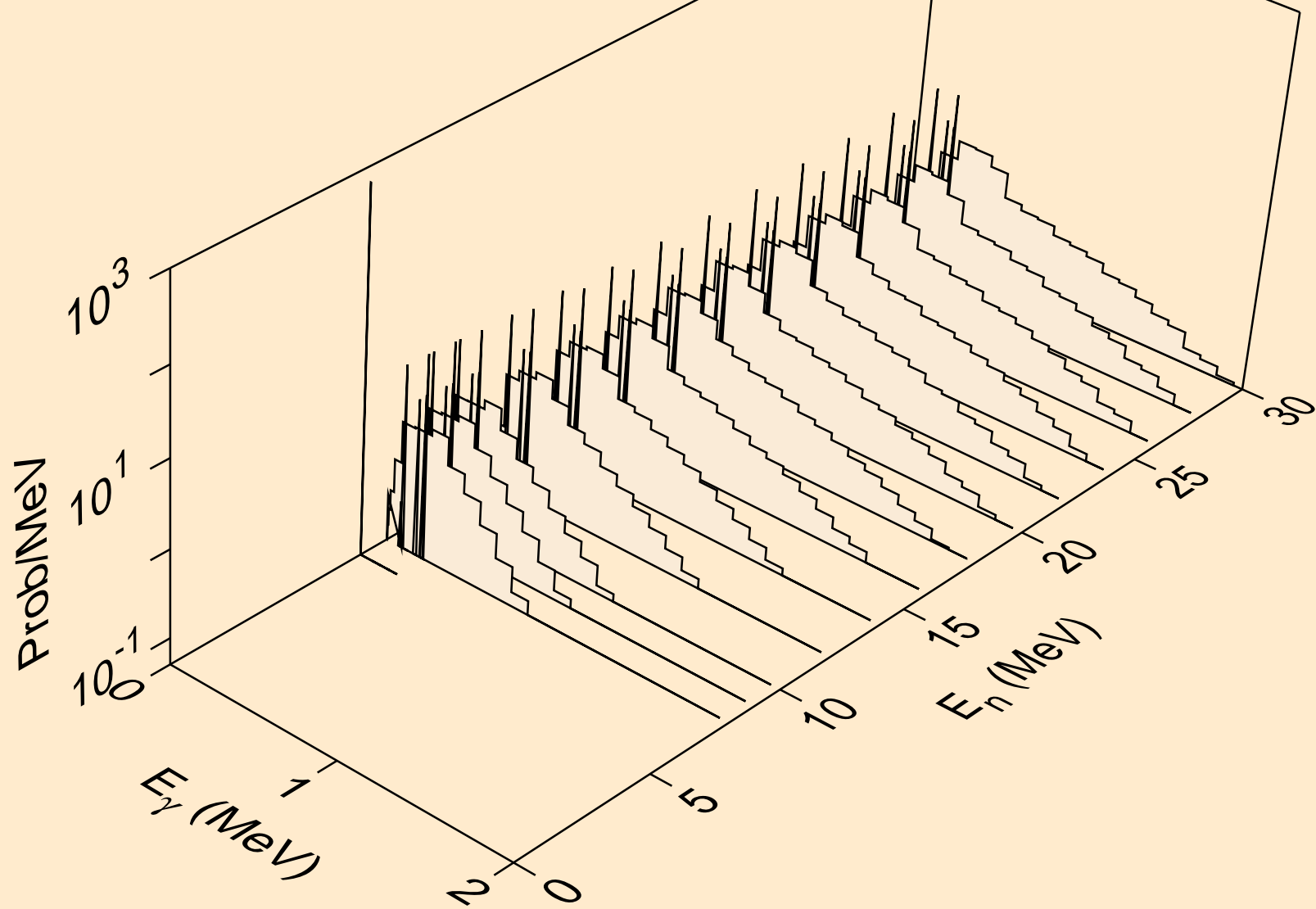
ES256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



ES256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)

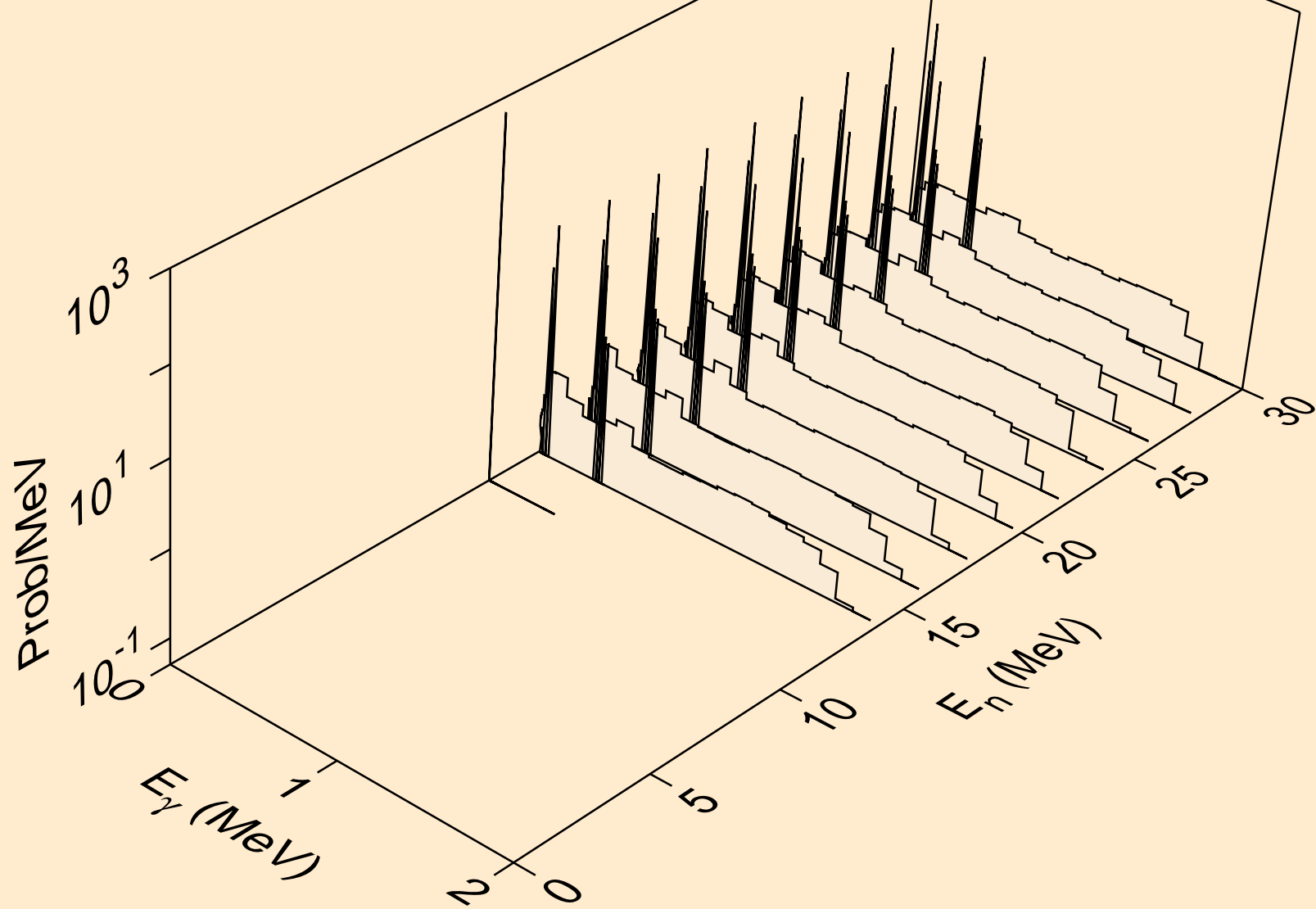


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Photon emission for (n,t)

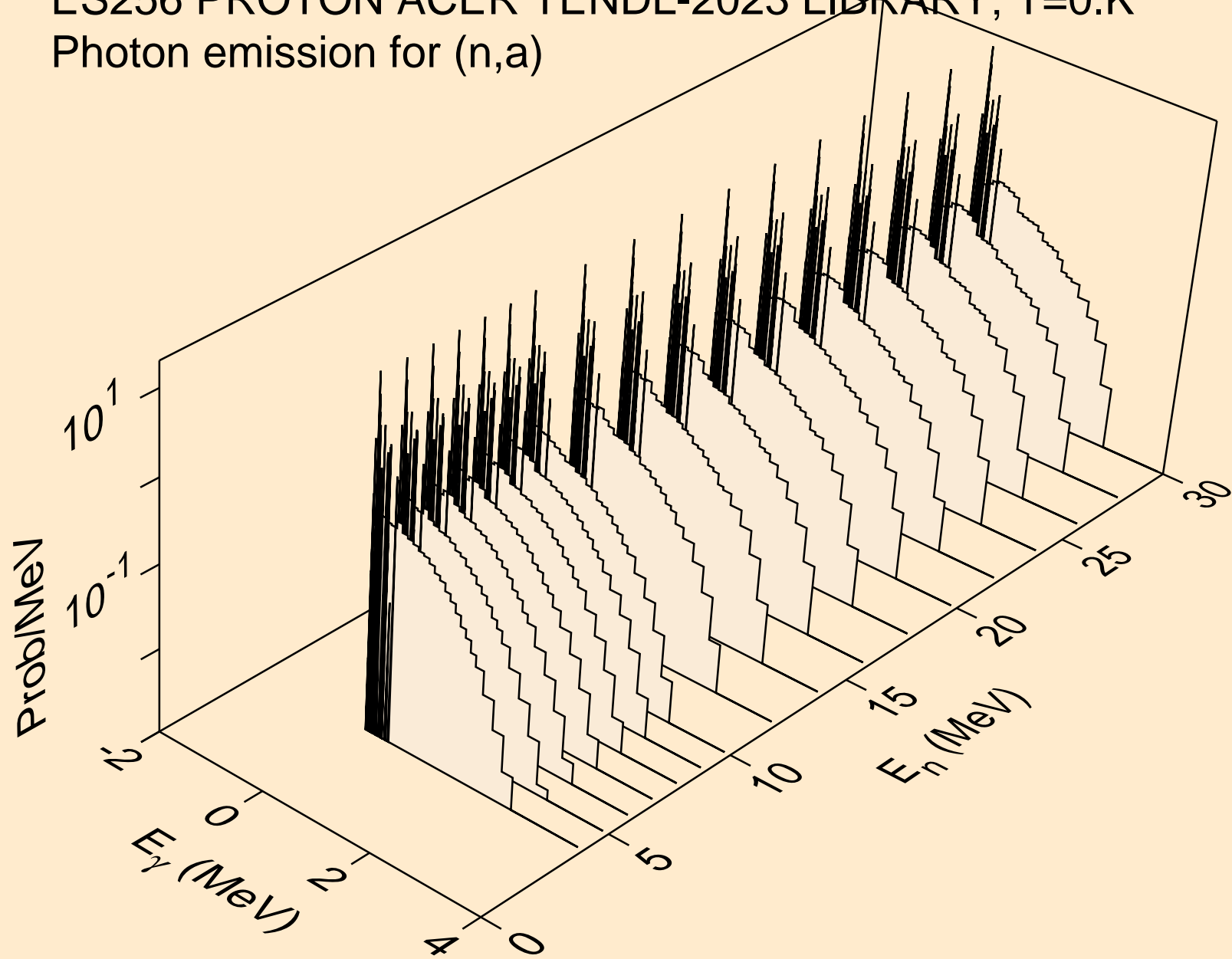




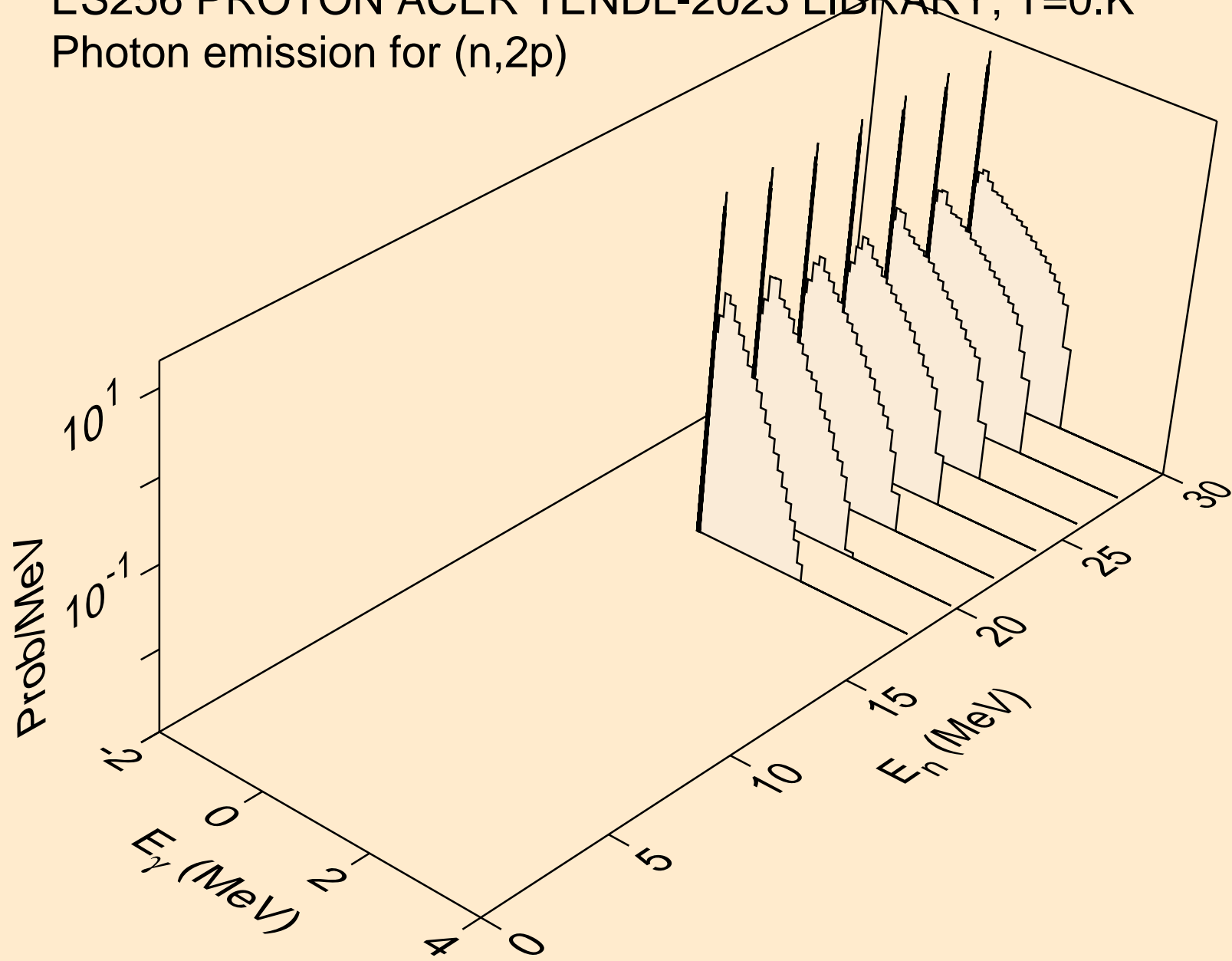
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Photon emission for (n,he3)



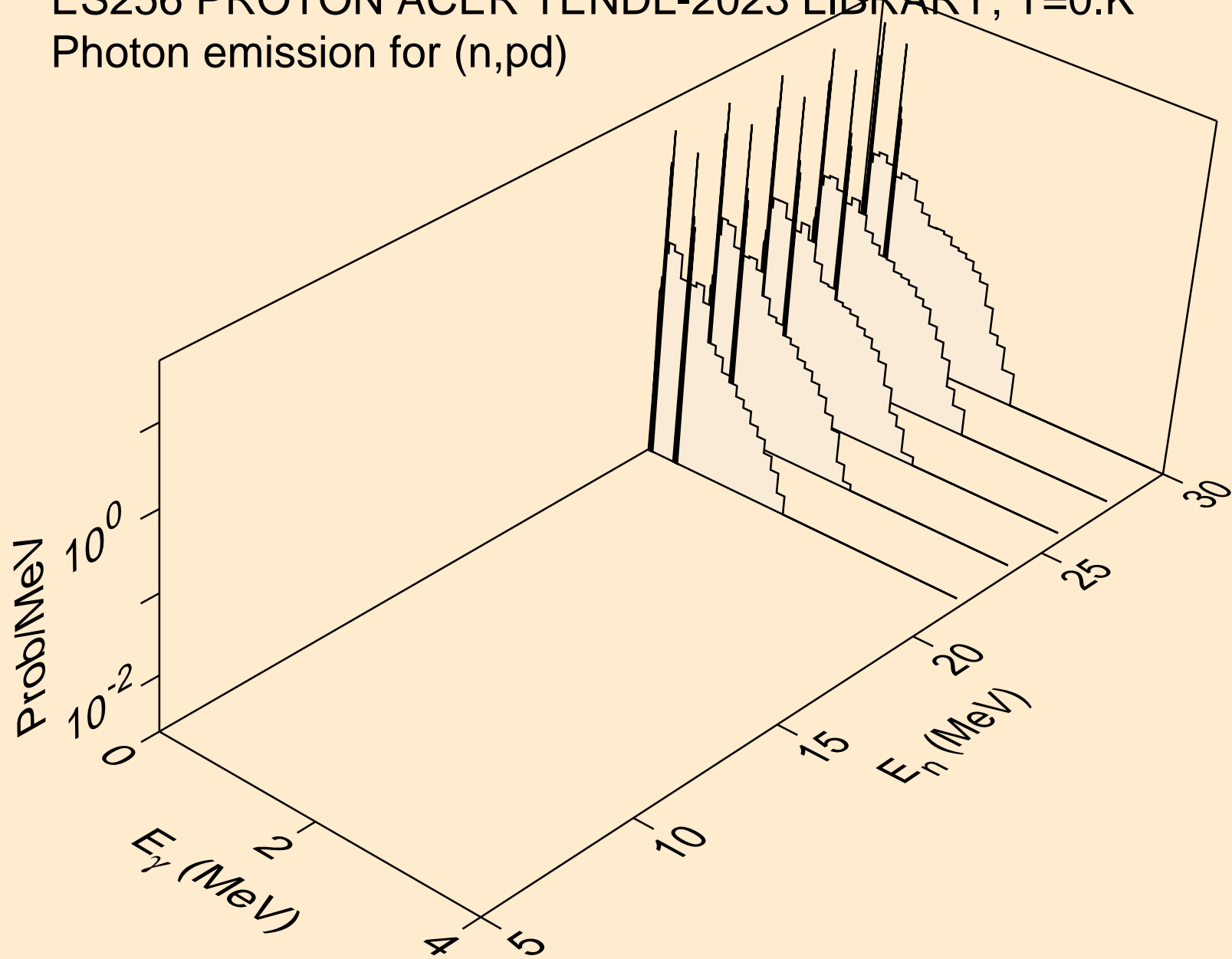
ES256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



ES256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

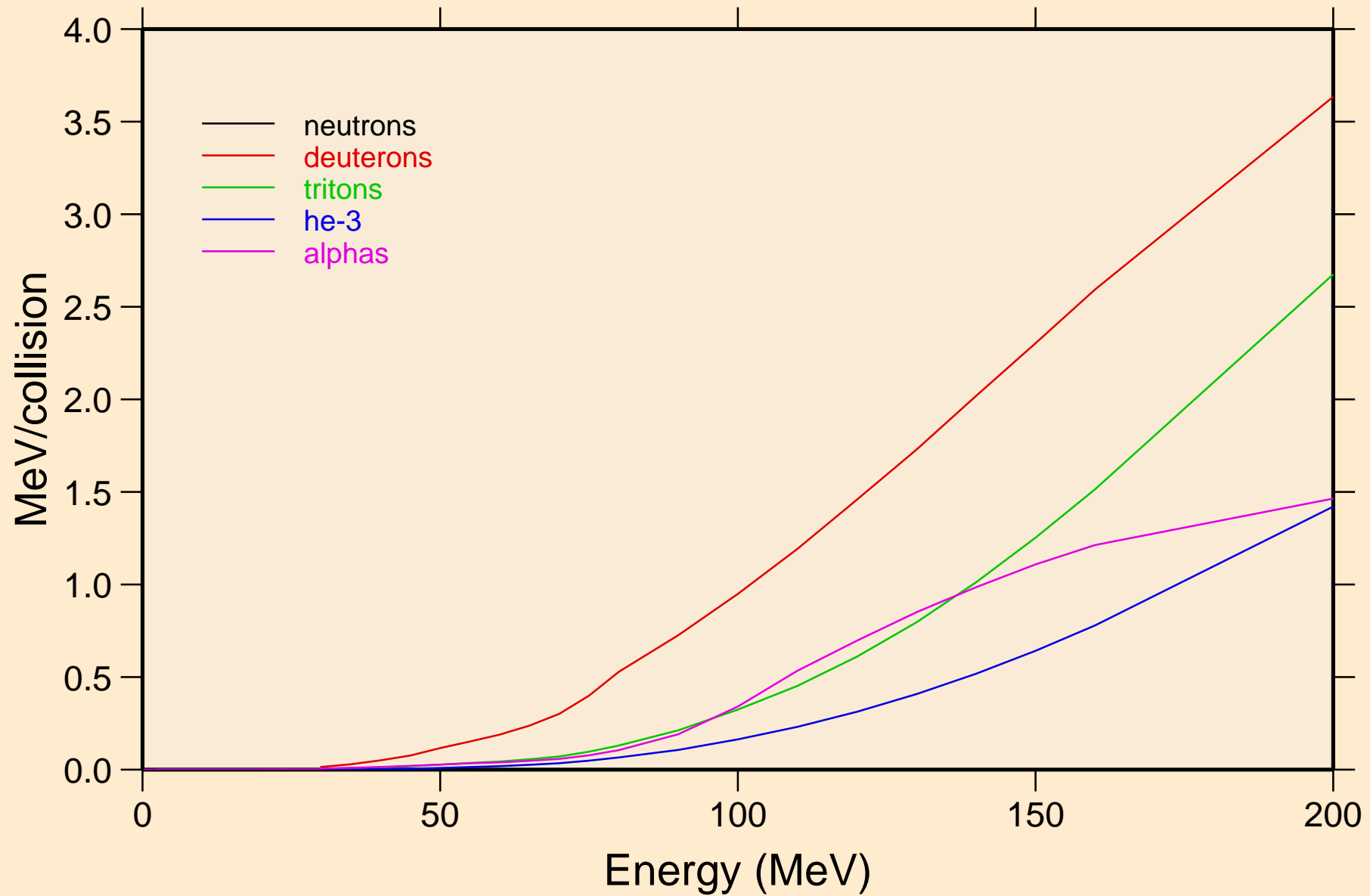


ES256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)

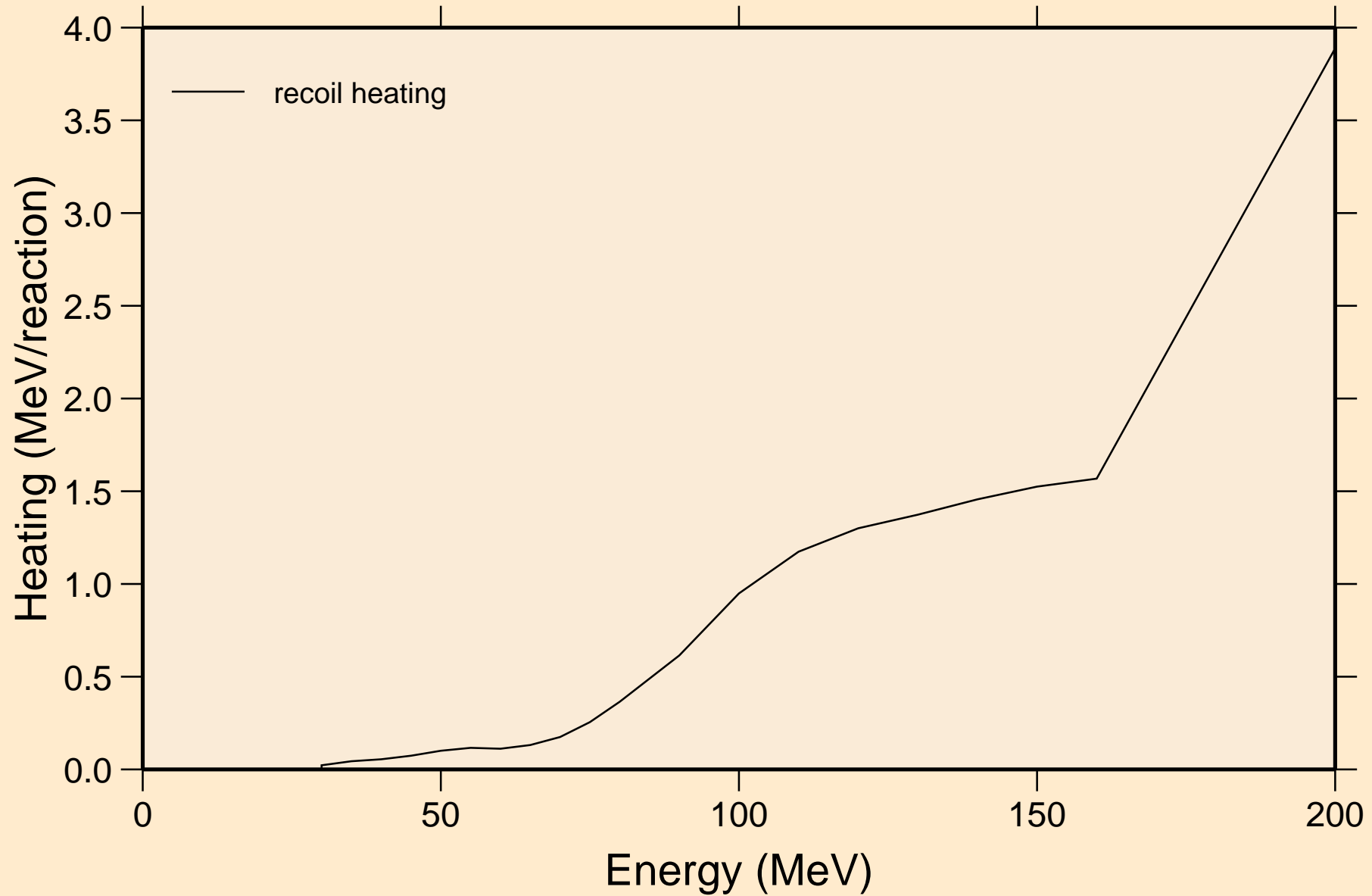


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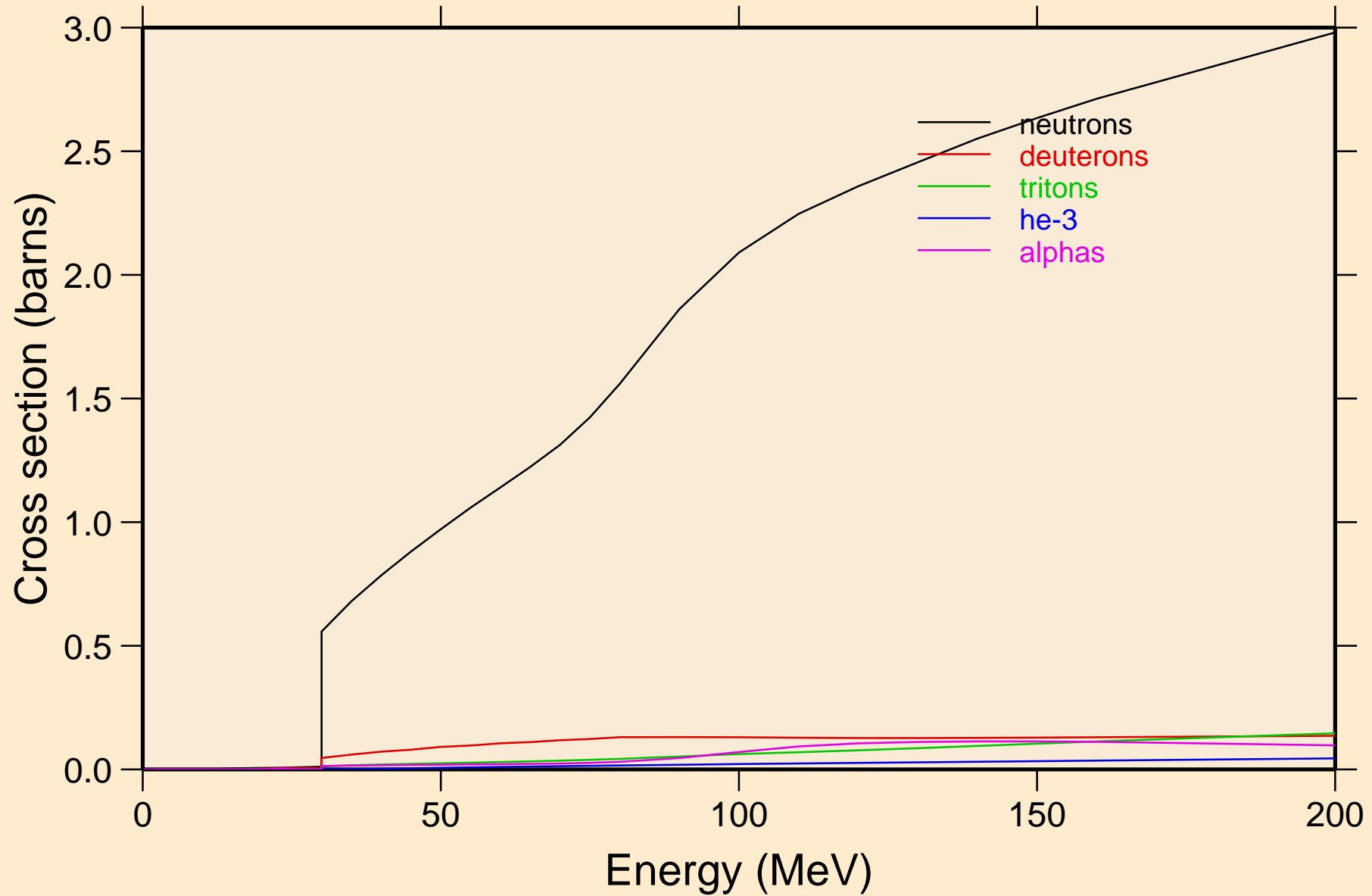
## Particle heating contributions



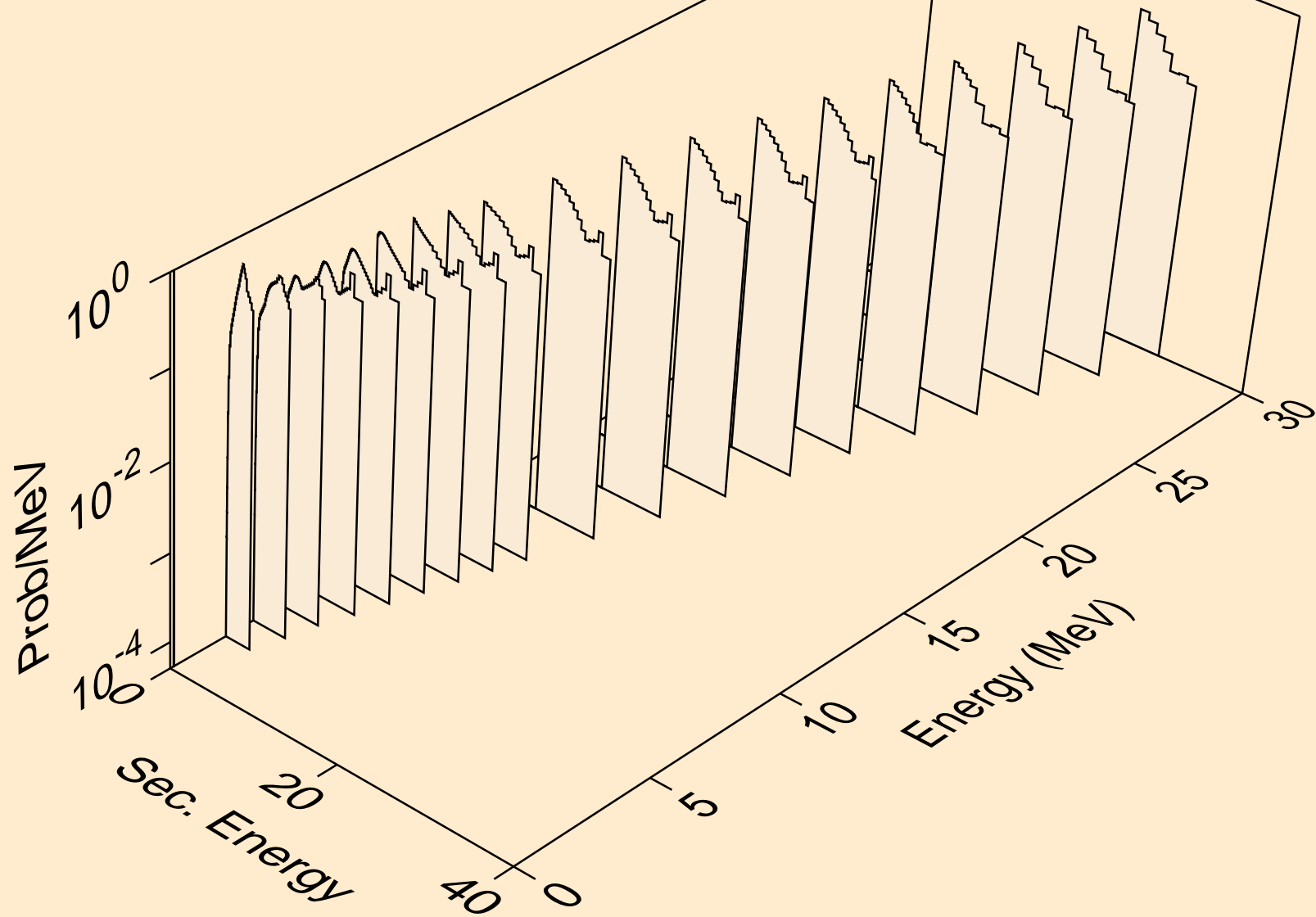
ES256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



ES256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections

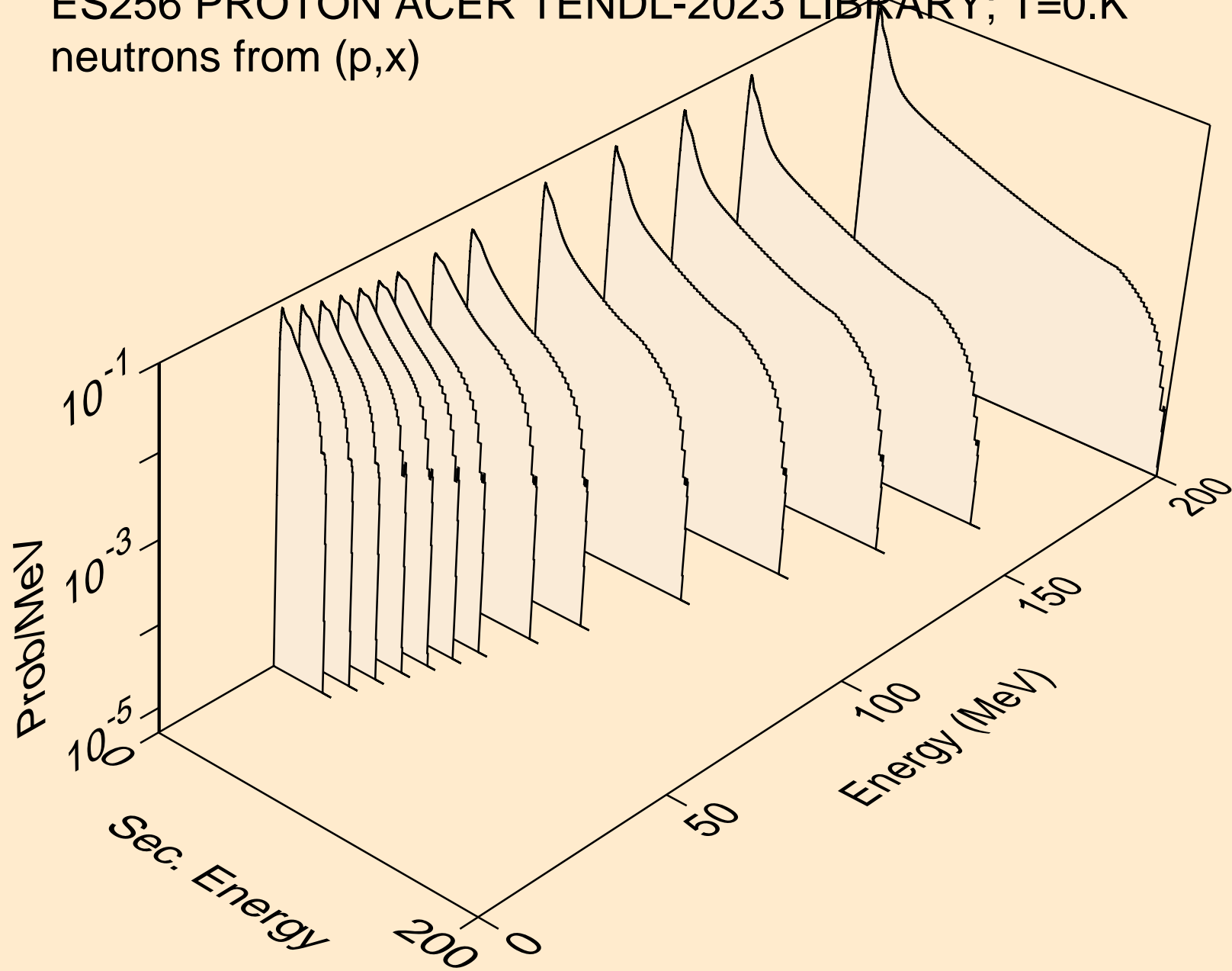


ES256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)

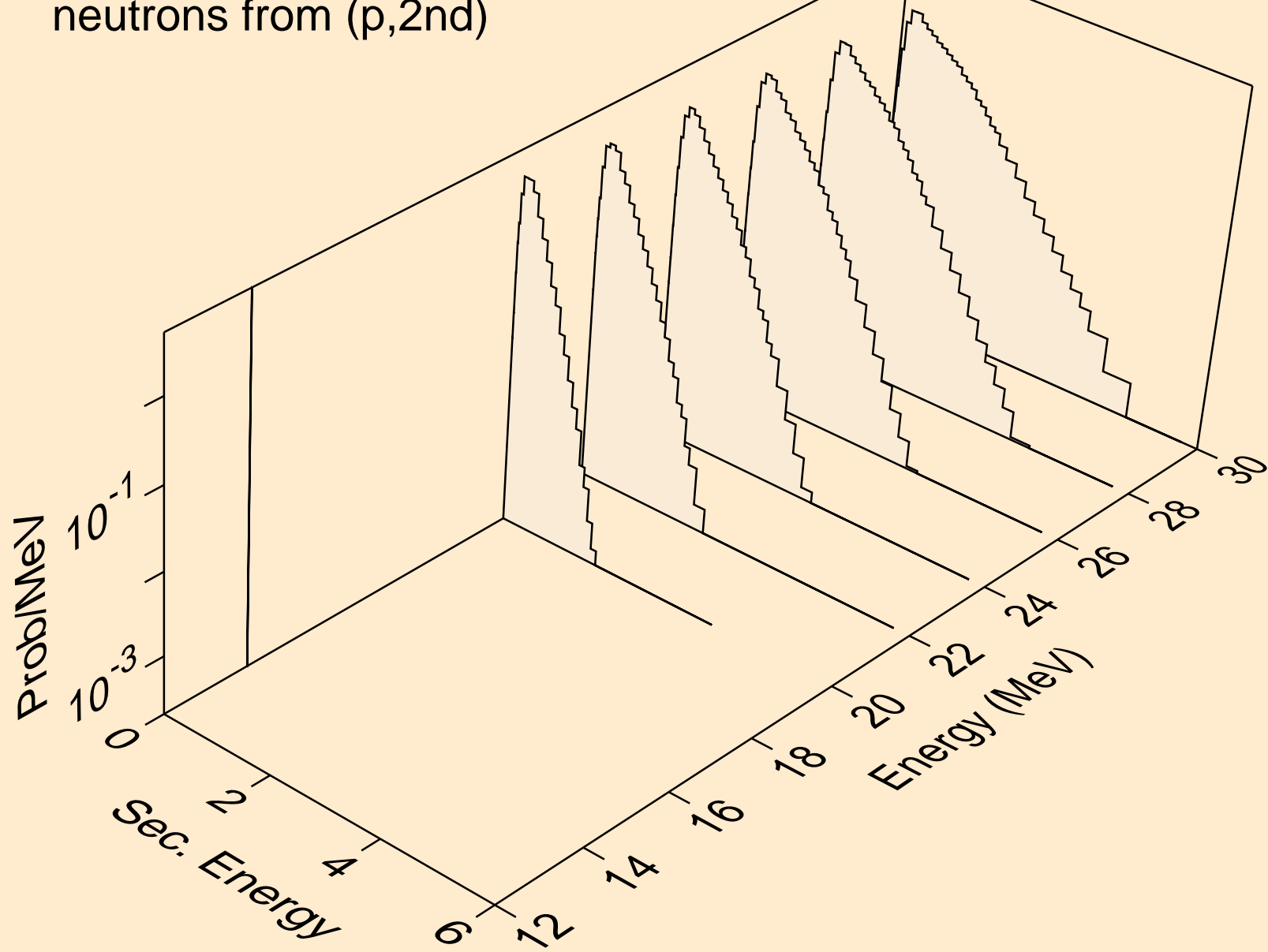




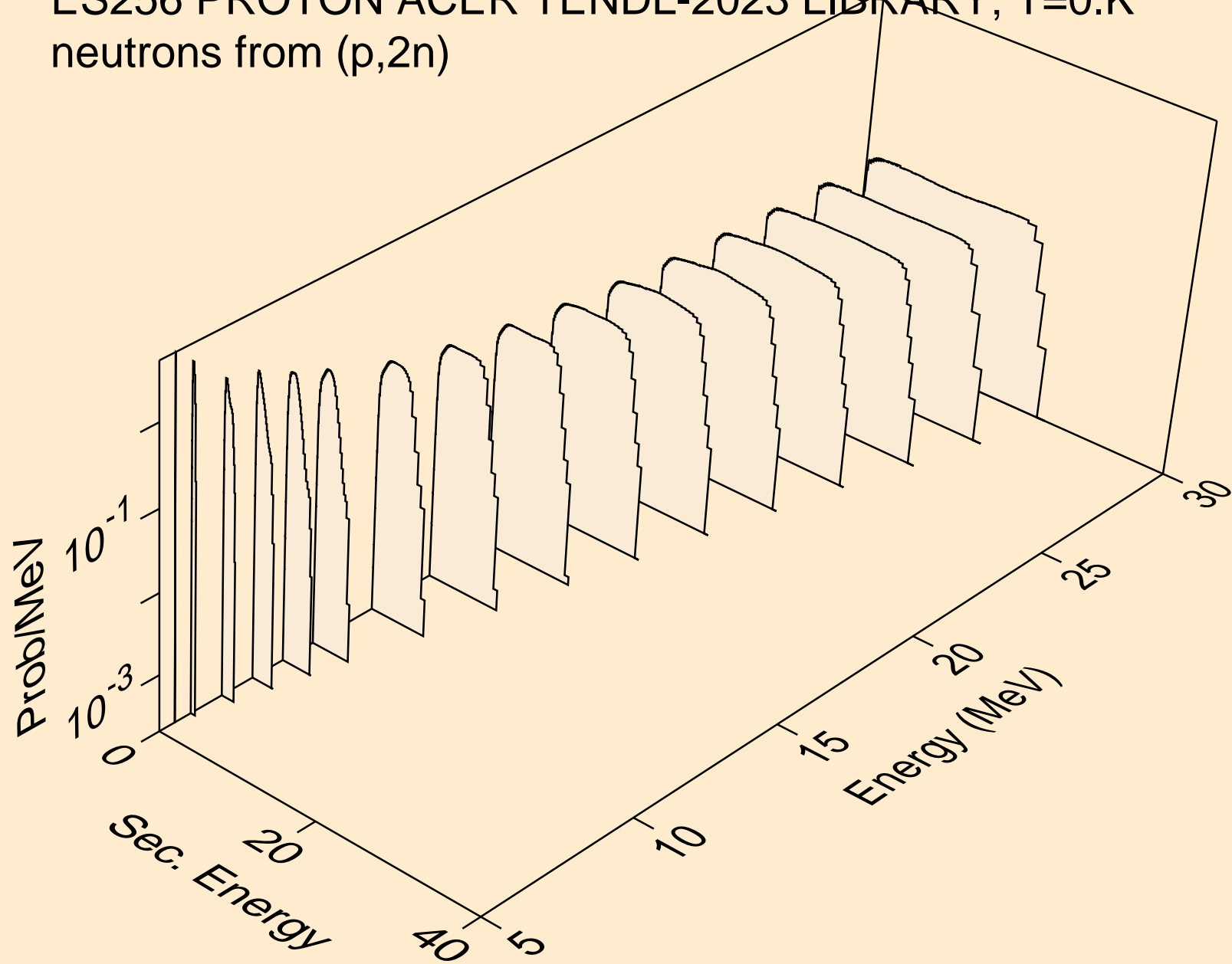
ES256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)



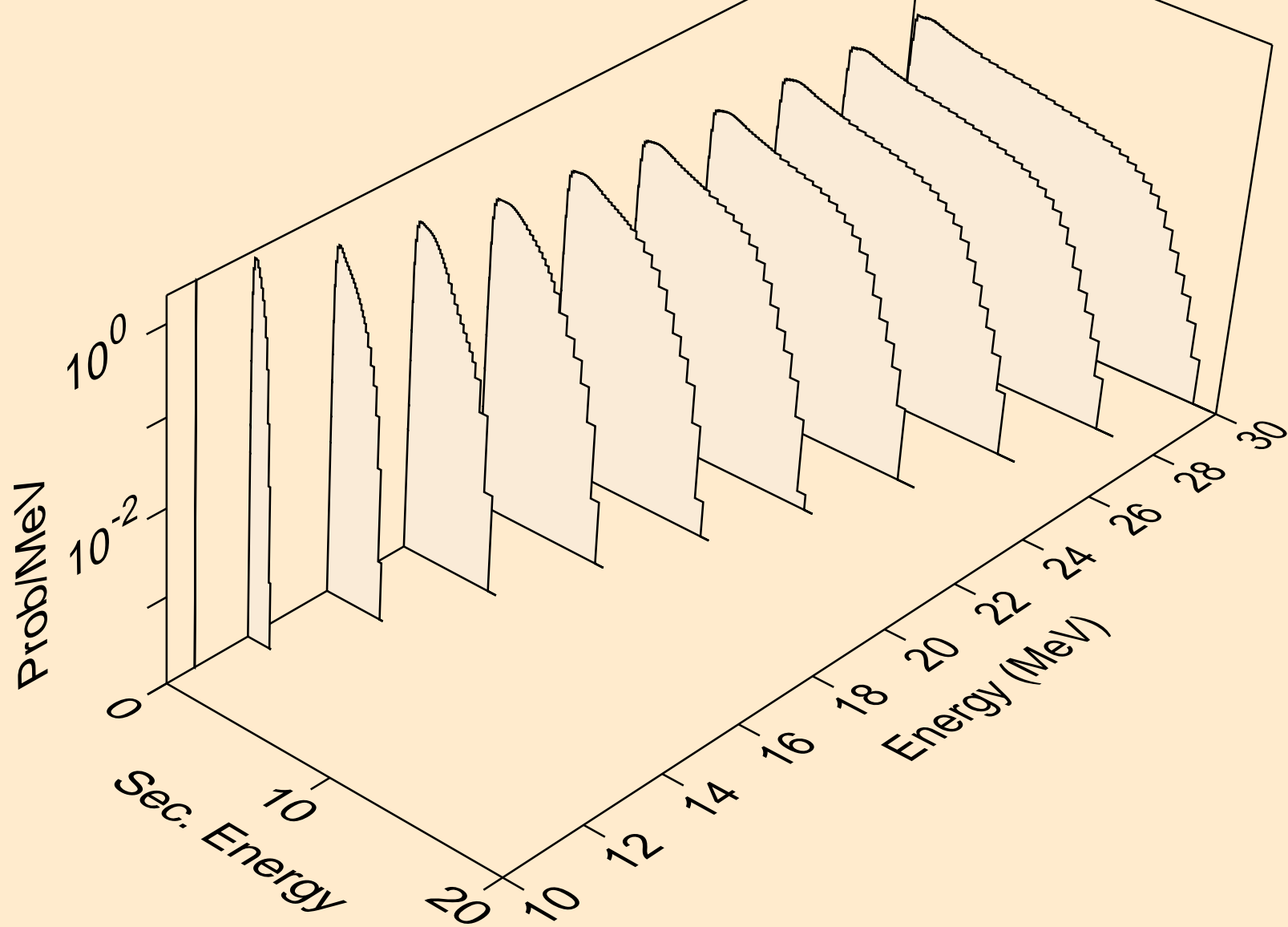
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neutrons from (p,2nd)



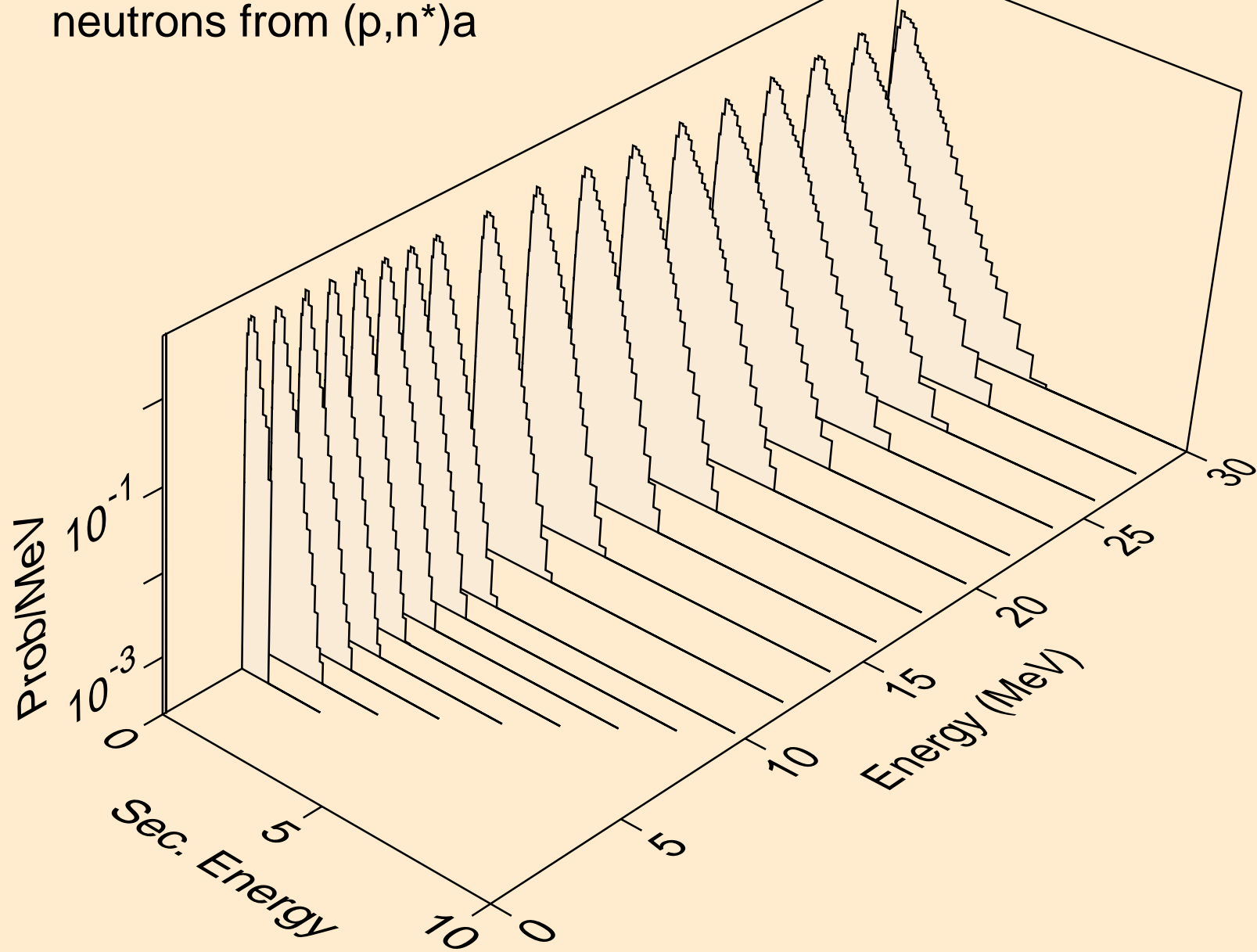
ES256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)



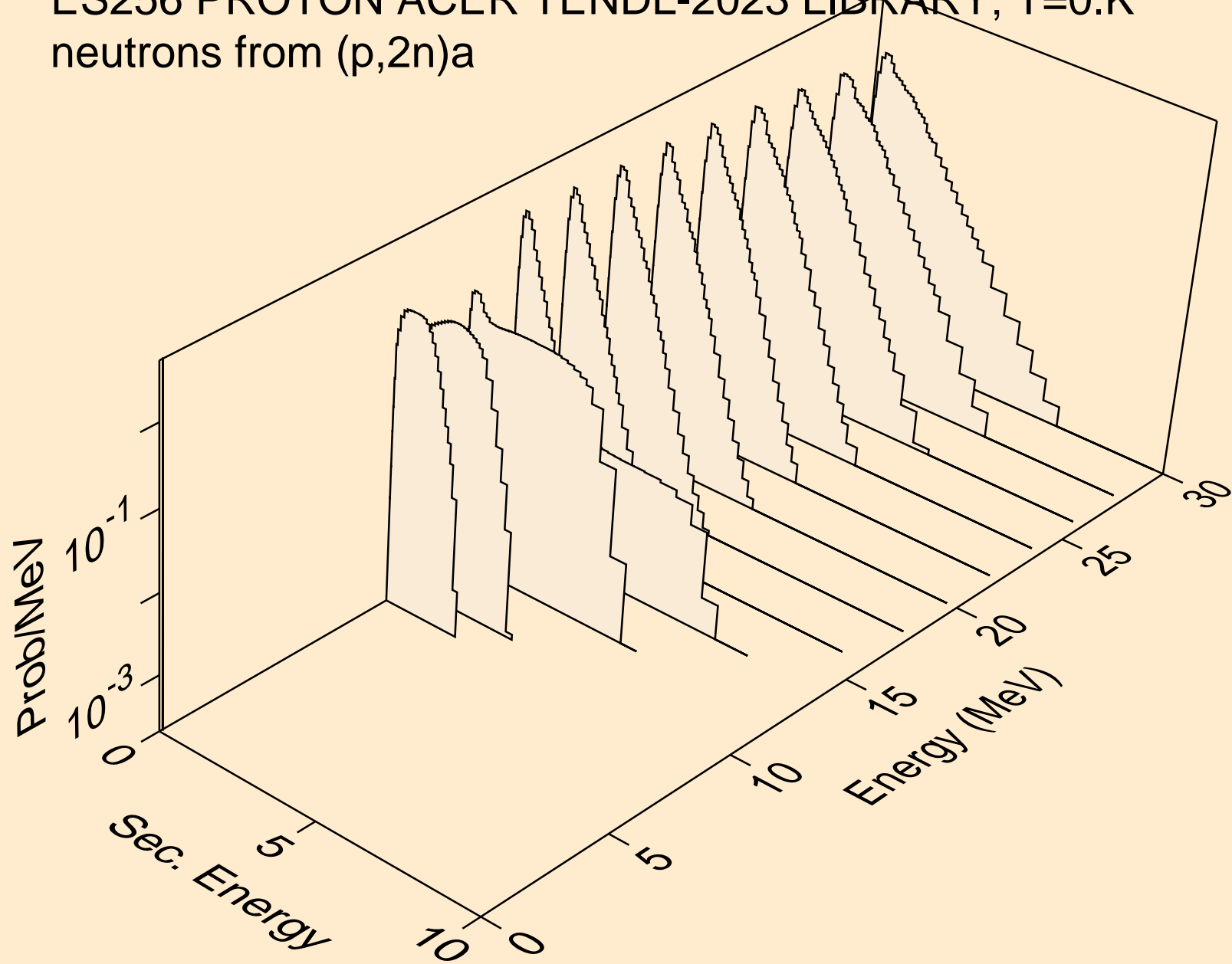
ES256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)



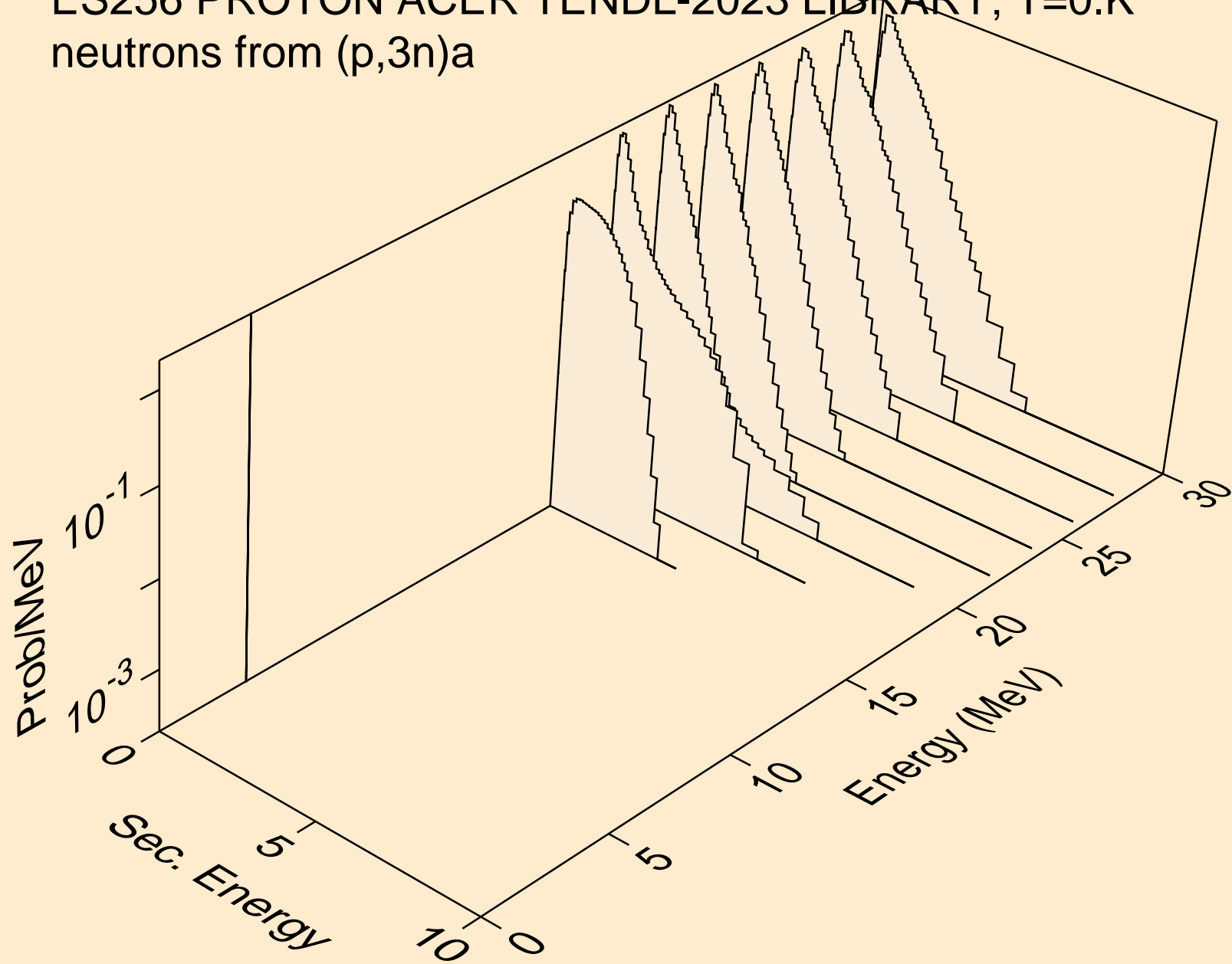
ES256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



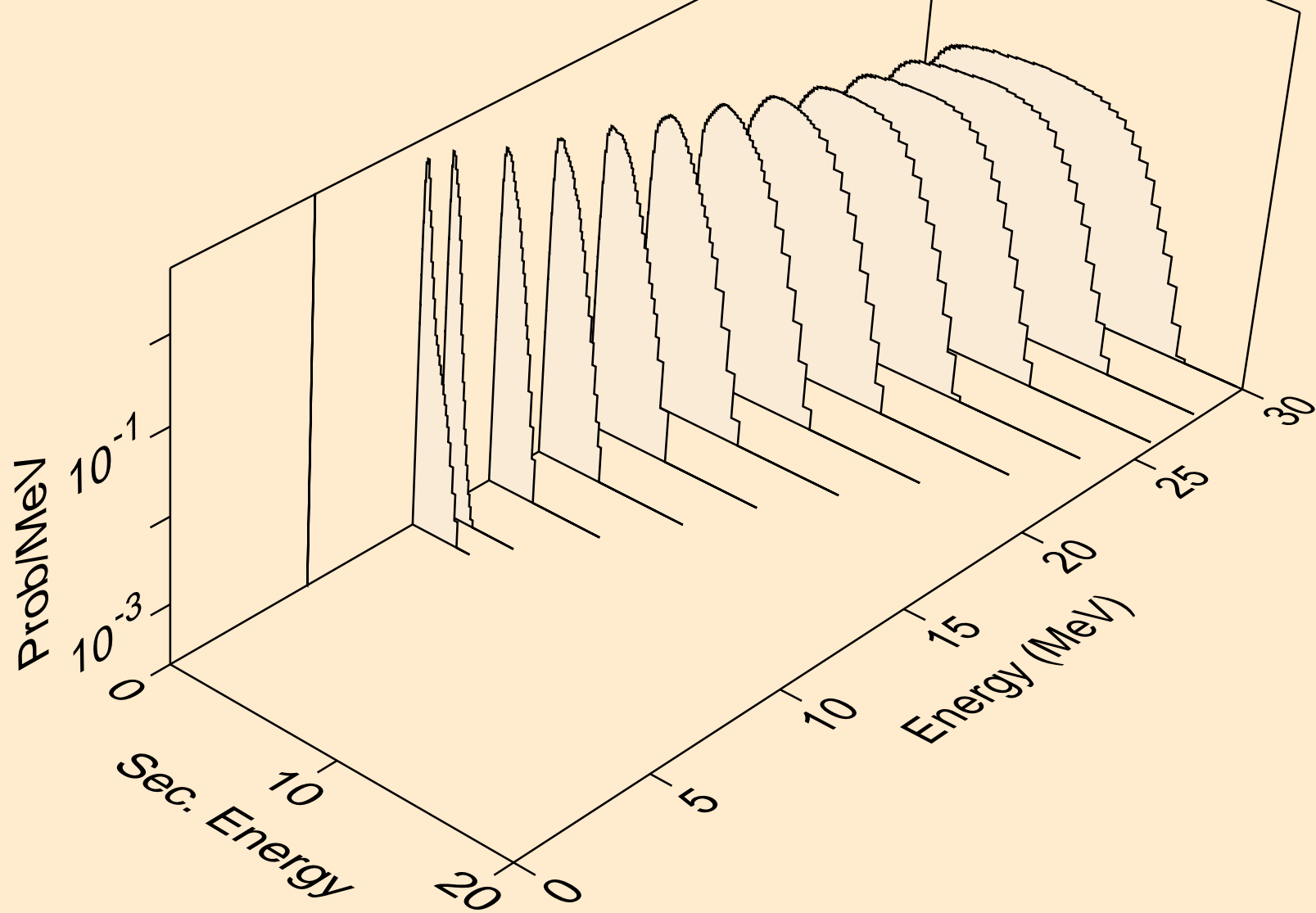
ES256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)a



ES256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)a

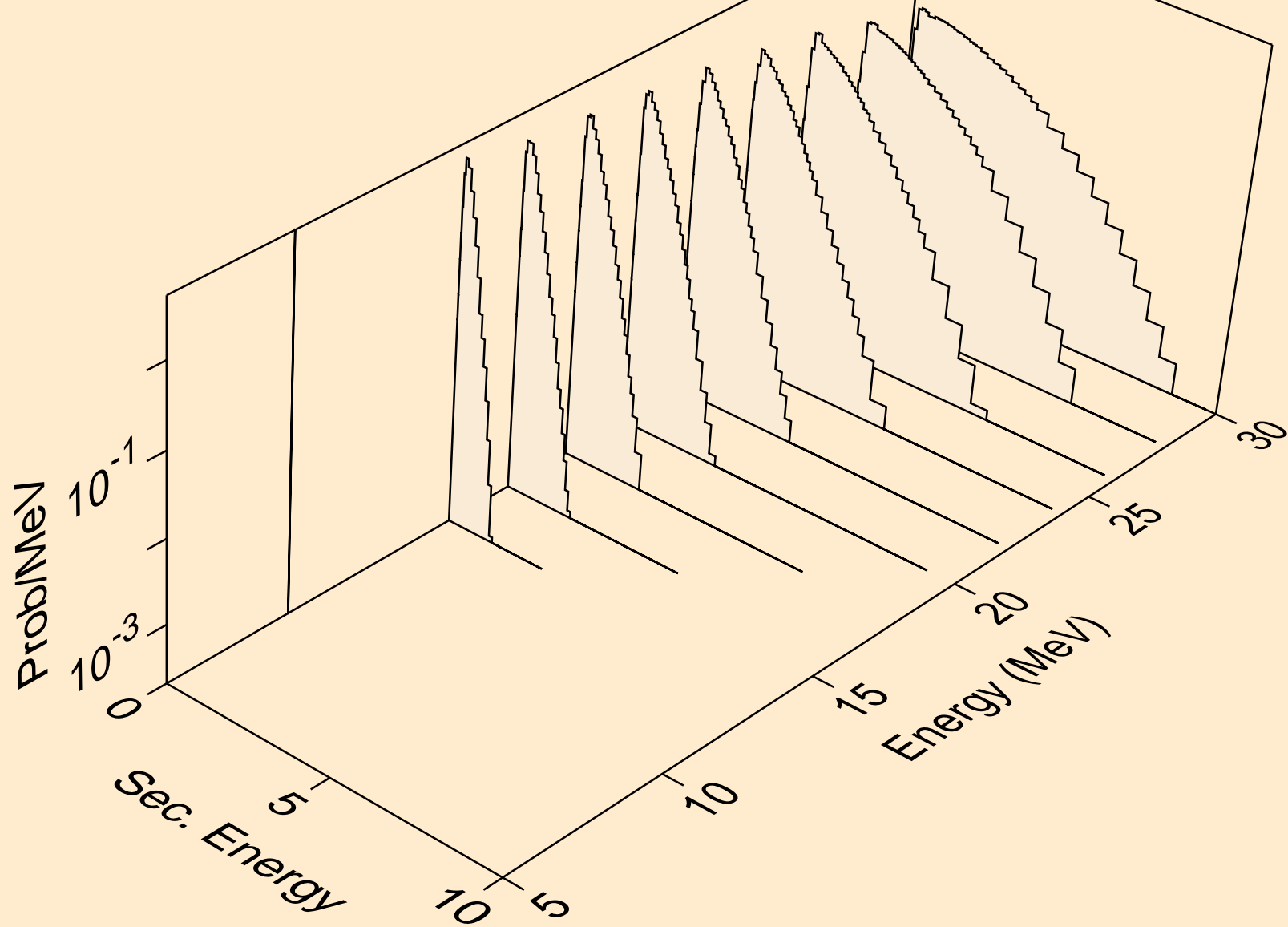


ES256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)p

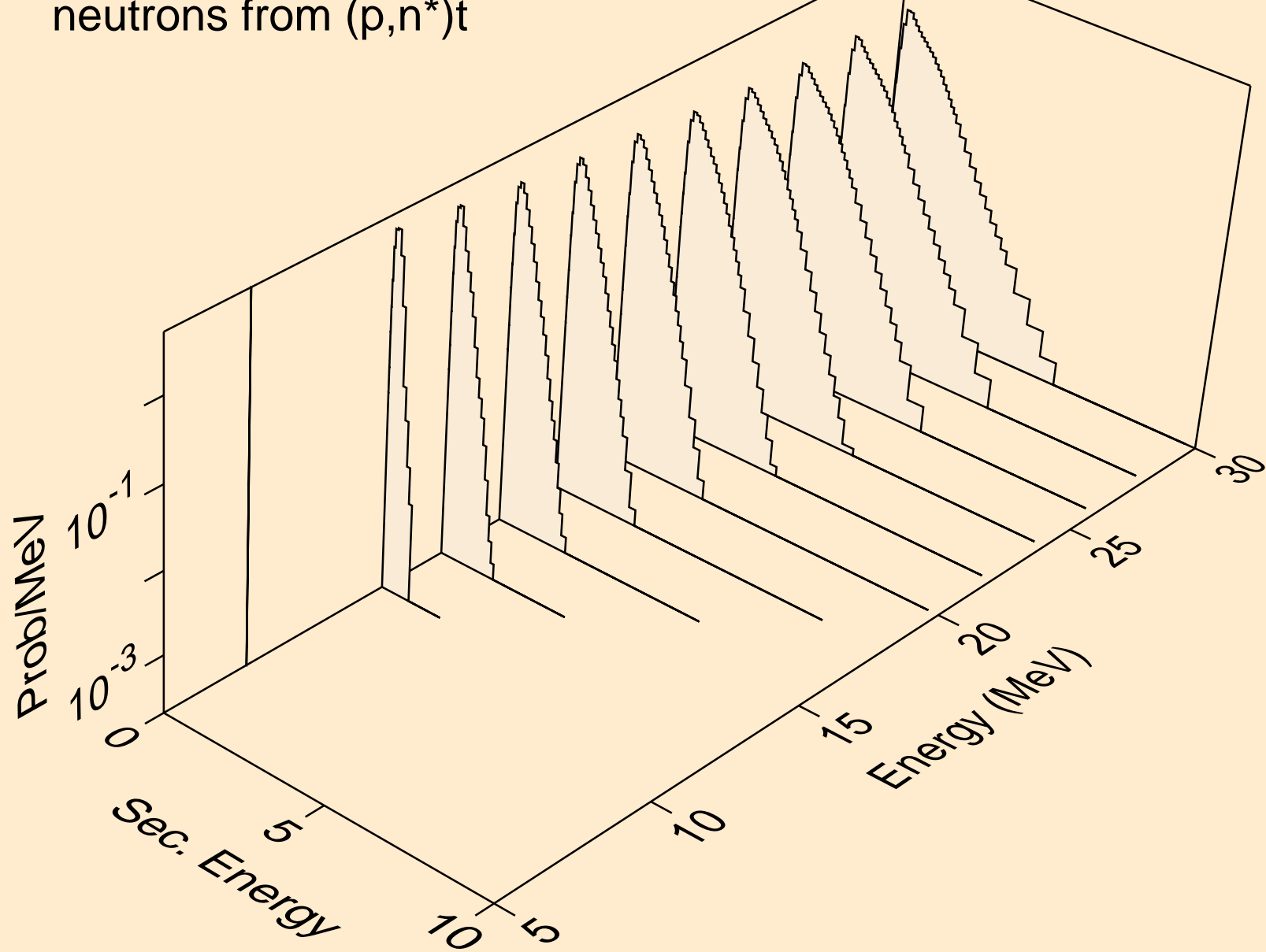




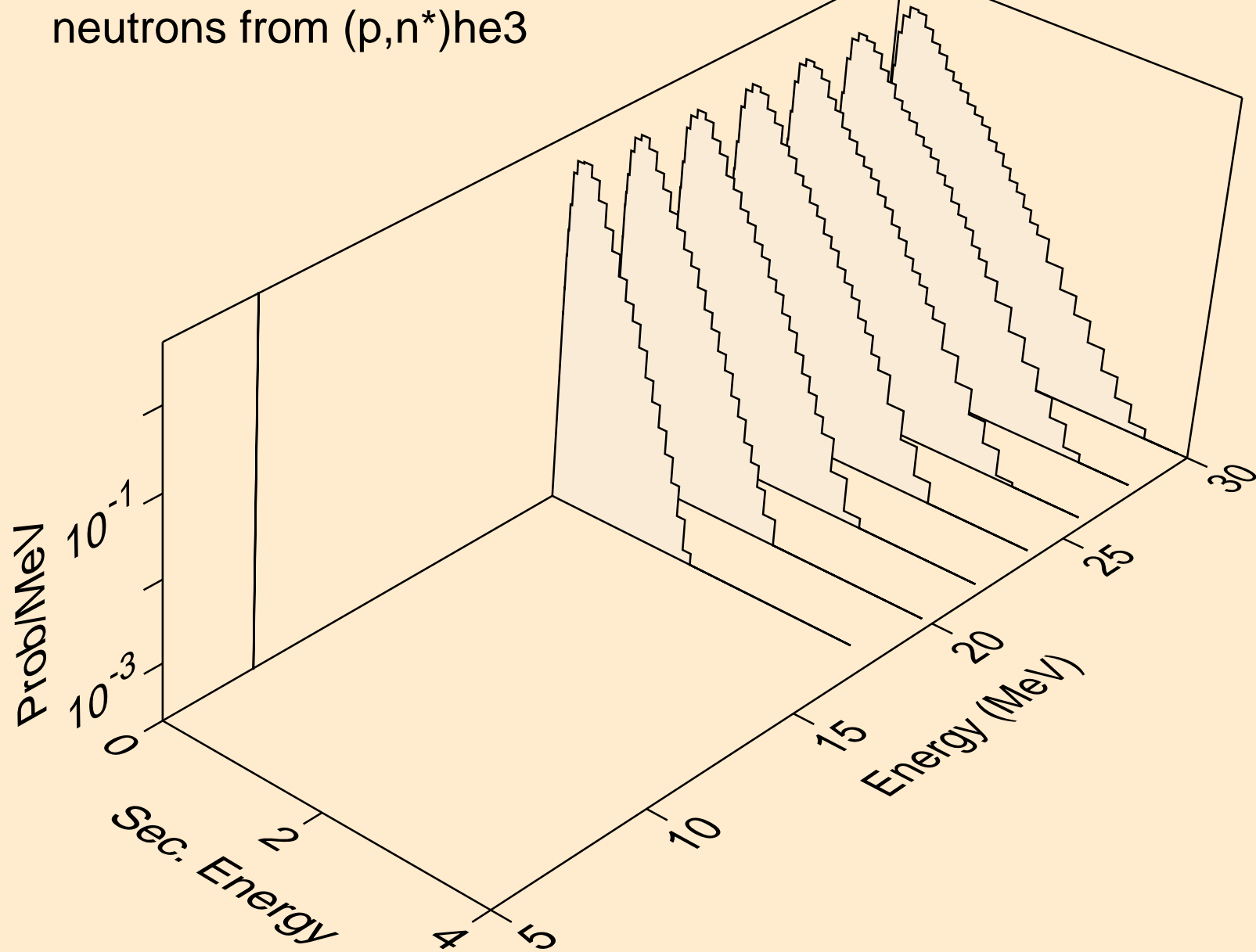
ES256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)d



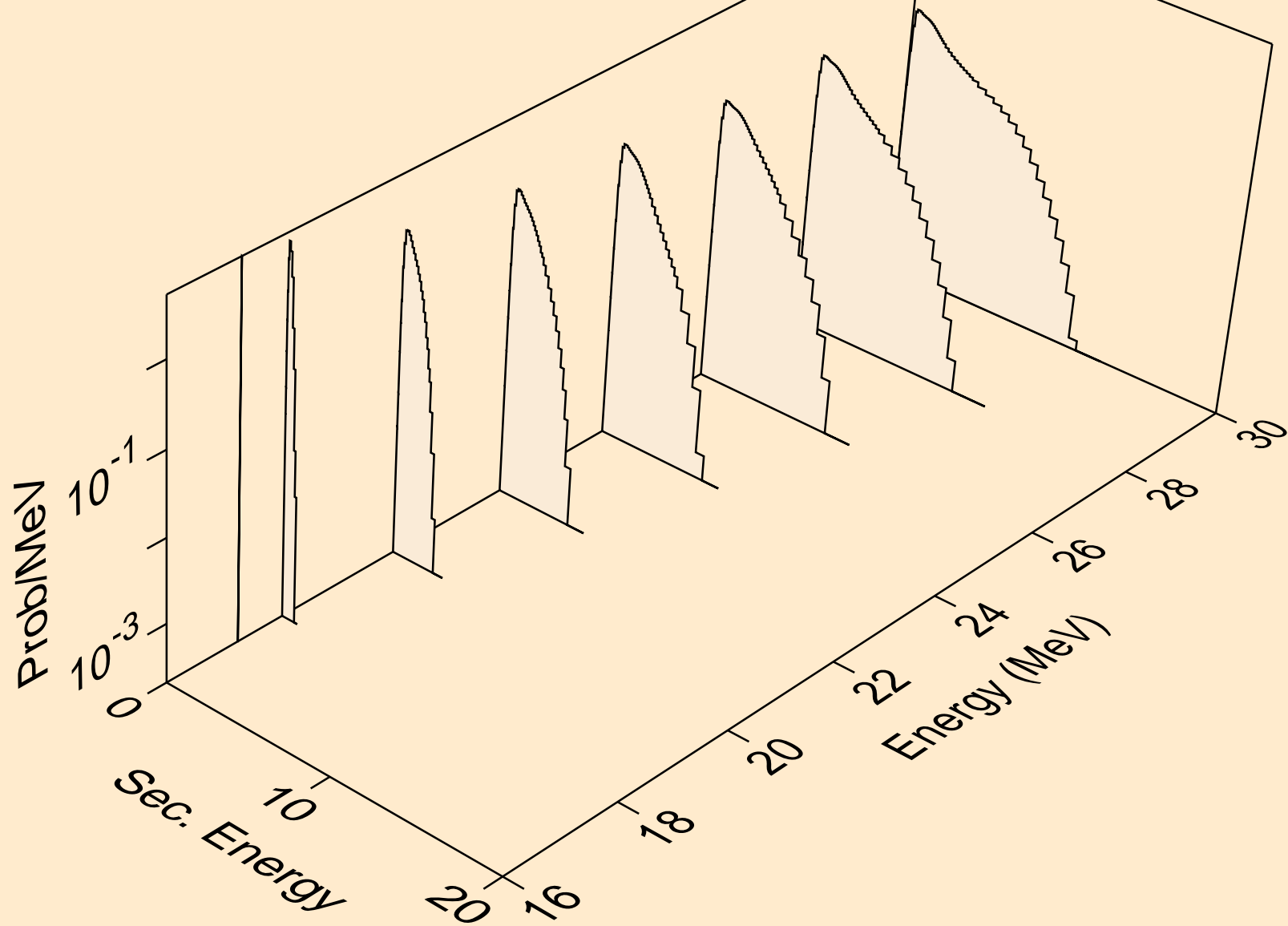
ES256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)t



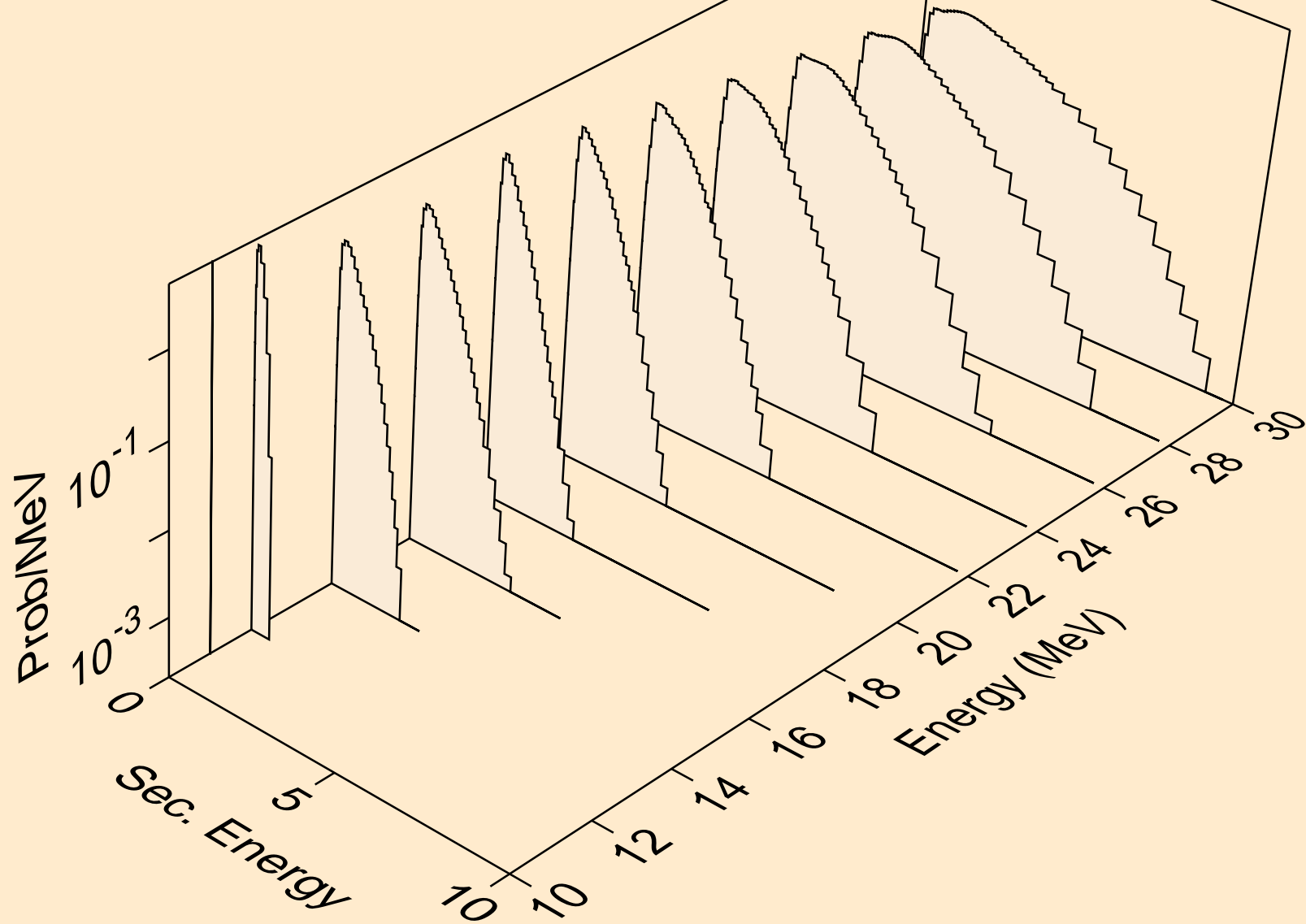
ES256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



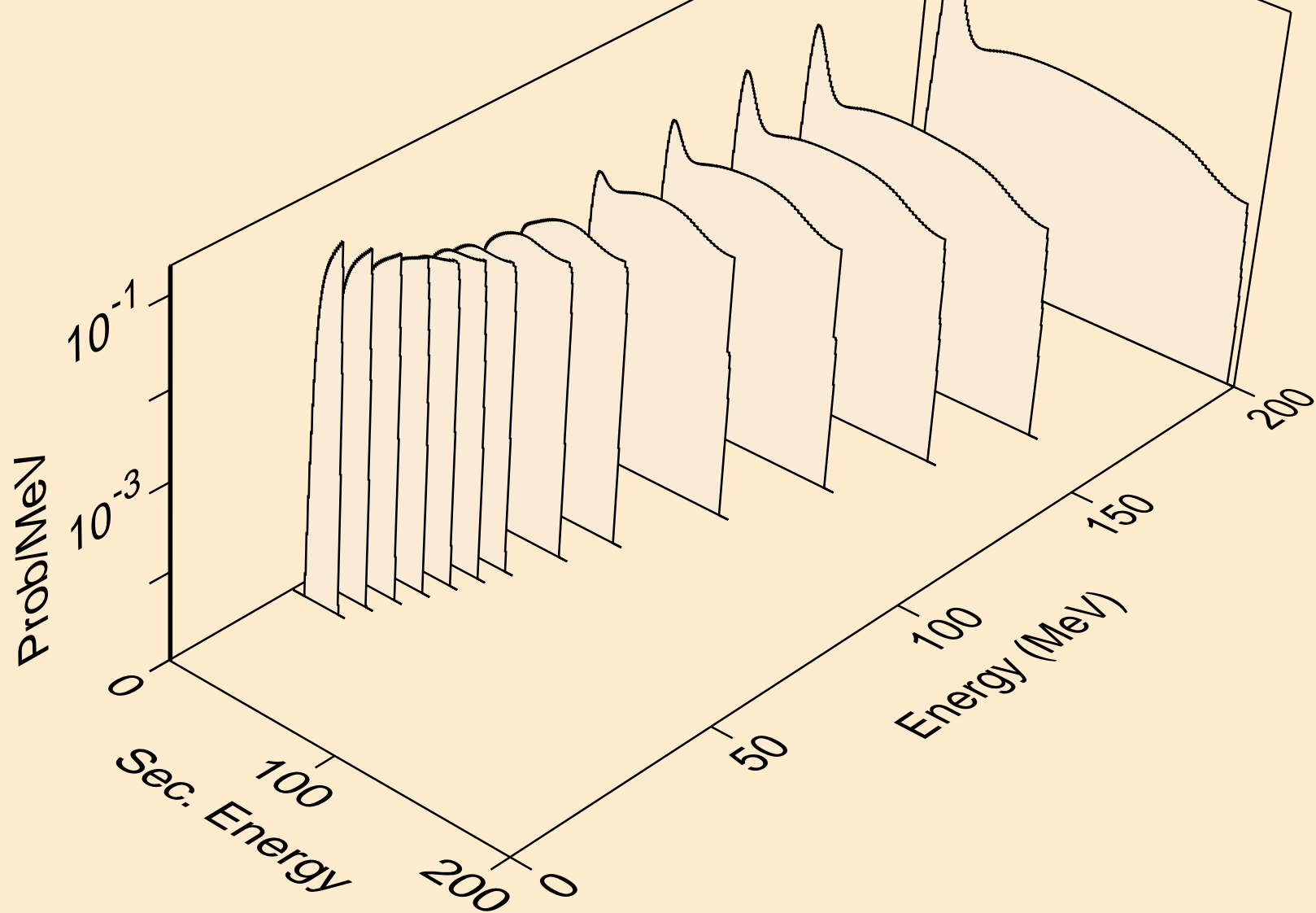
ES256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,4n)



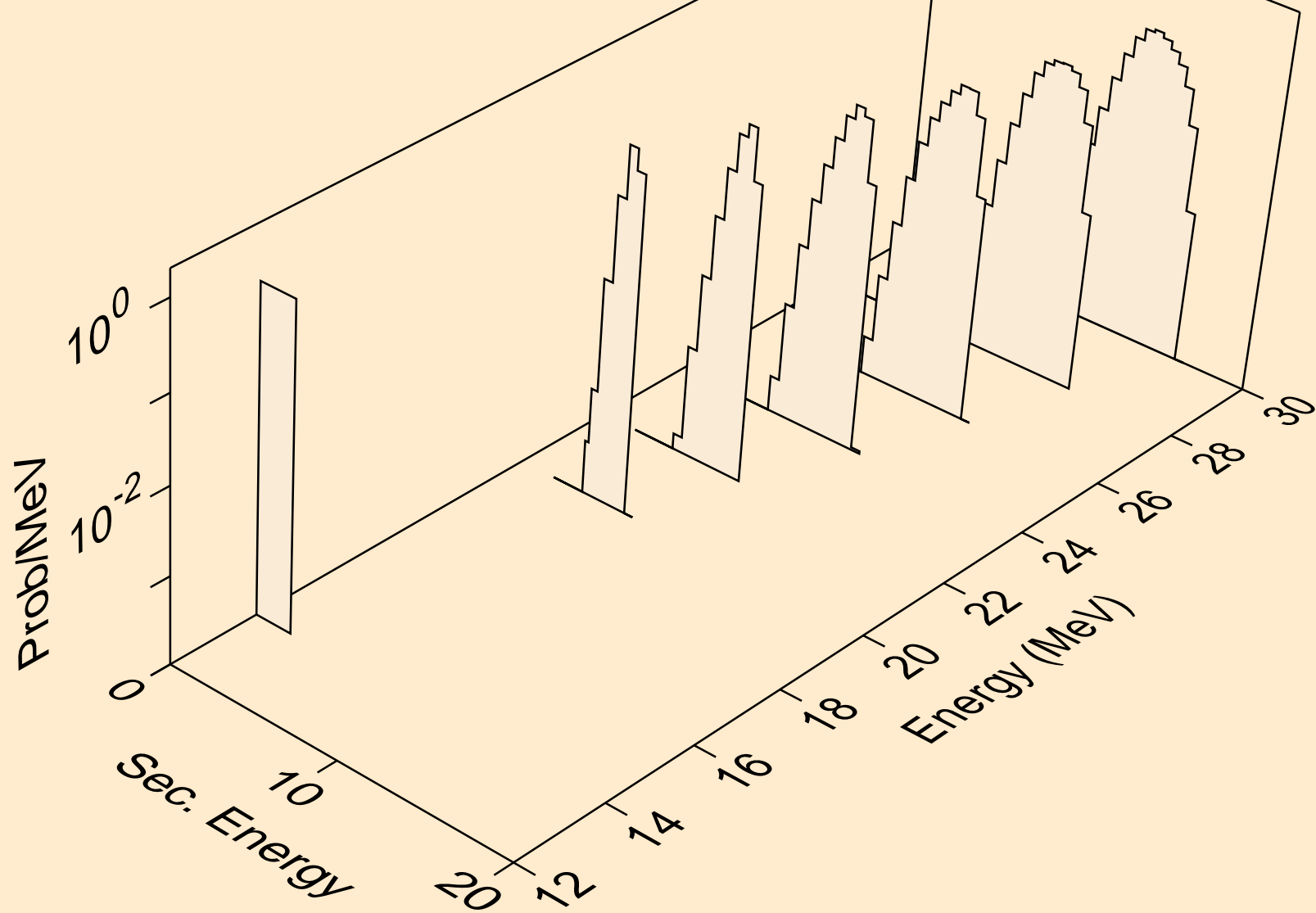
ES256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2np)



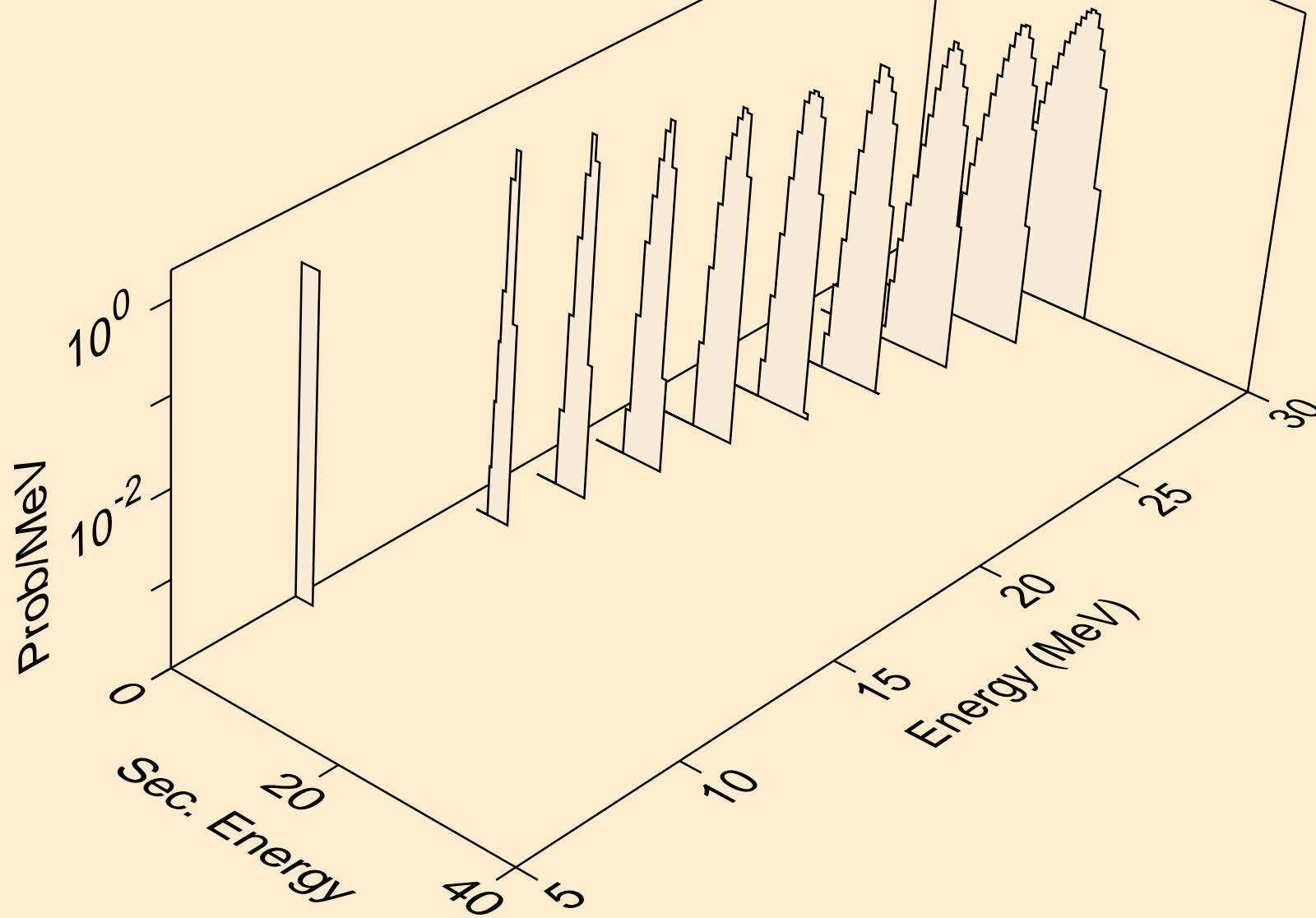
ES256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,x)



ES256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,2nd)

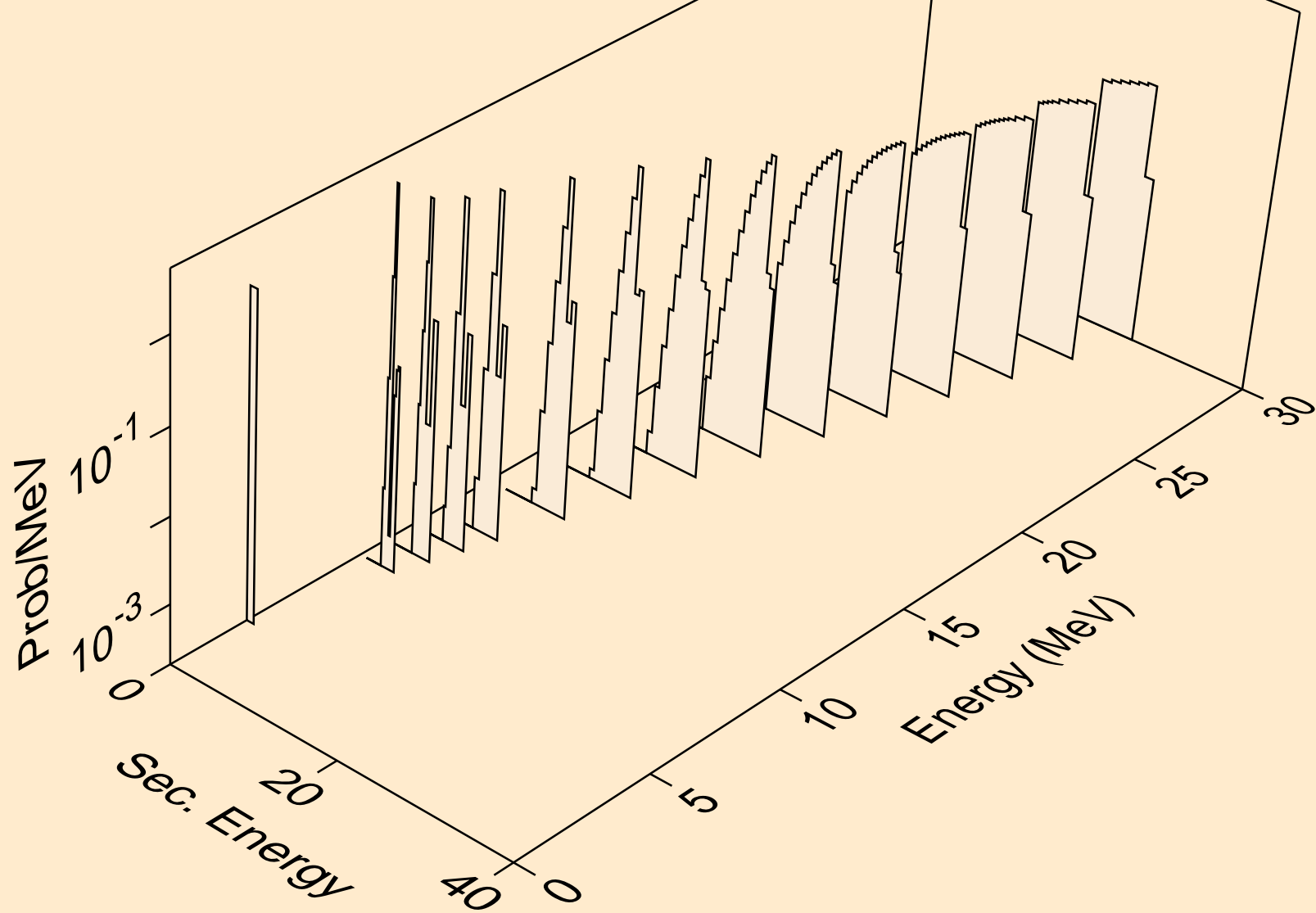


ES256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,n\*)d

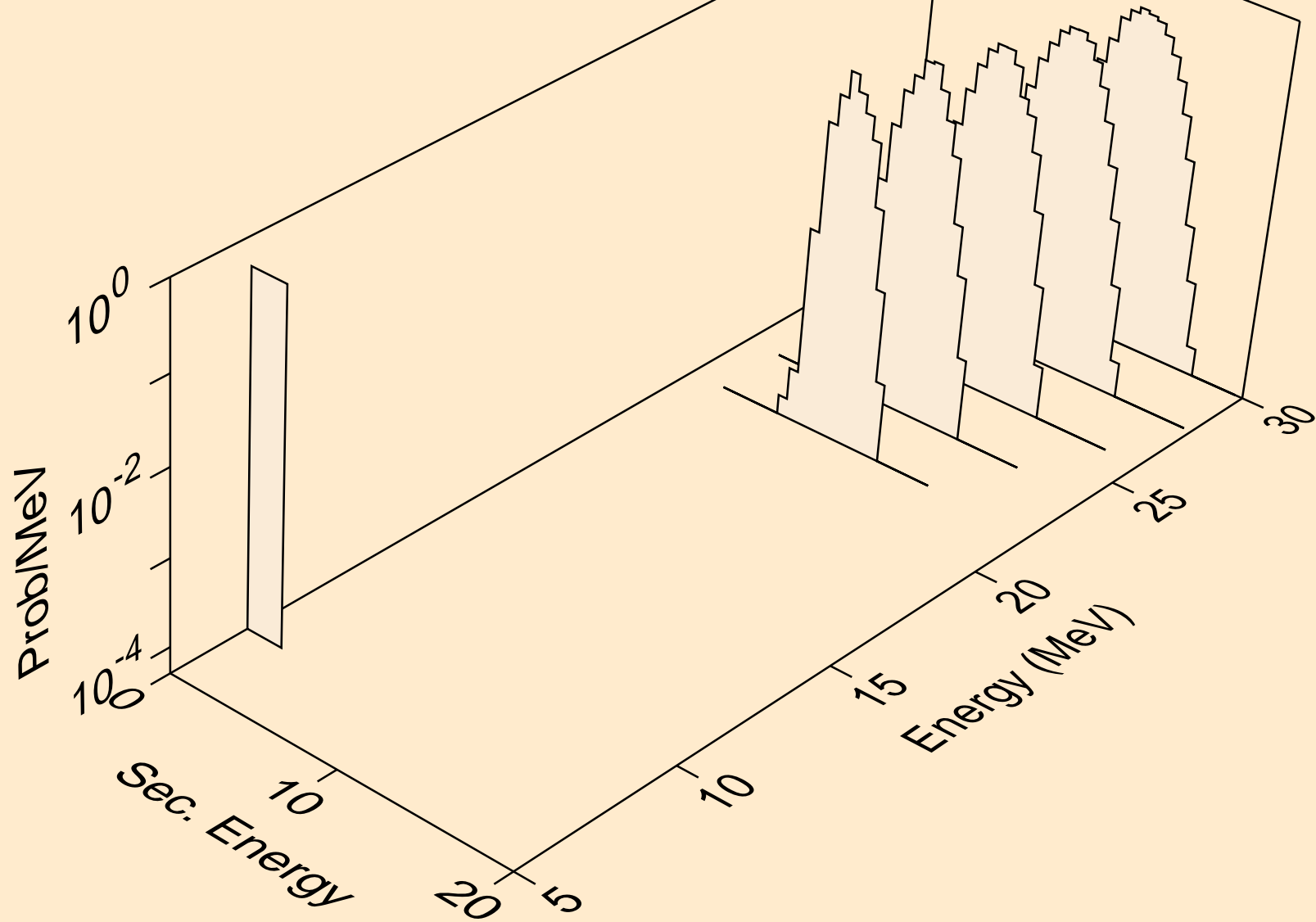




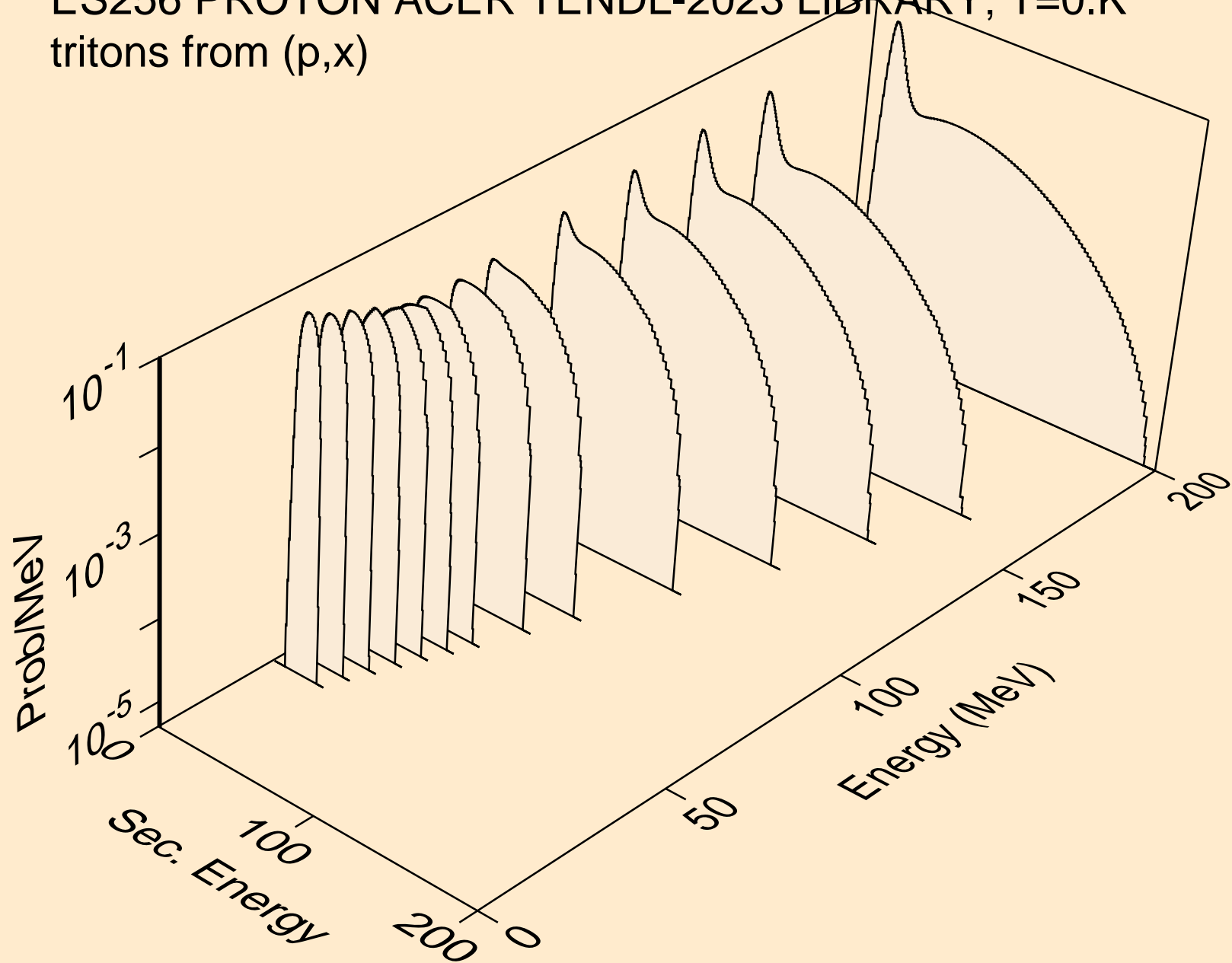
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deuterons from (p,d)



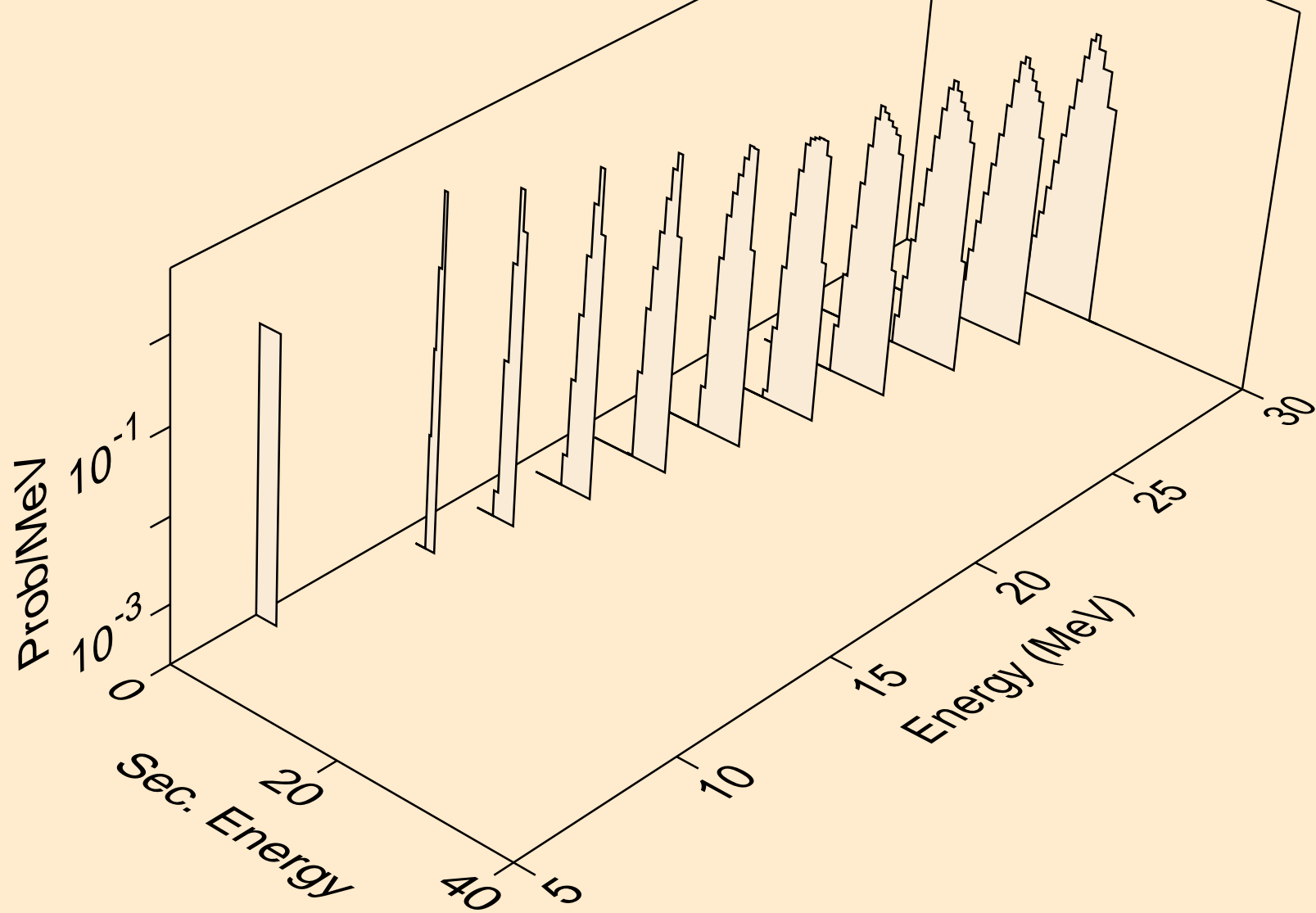
ES256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,pd)



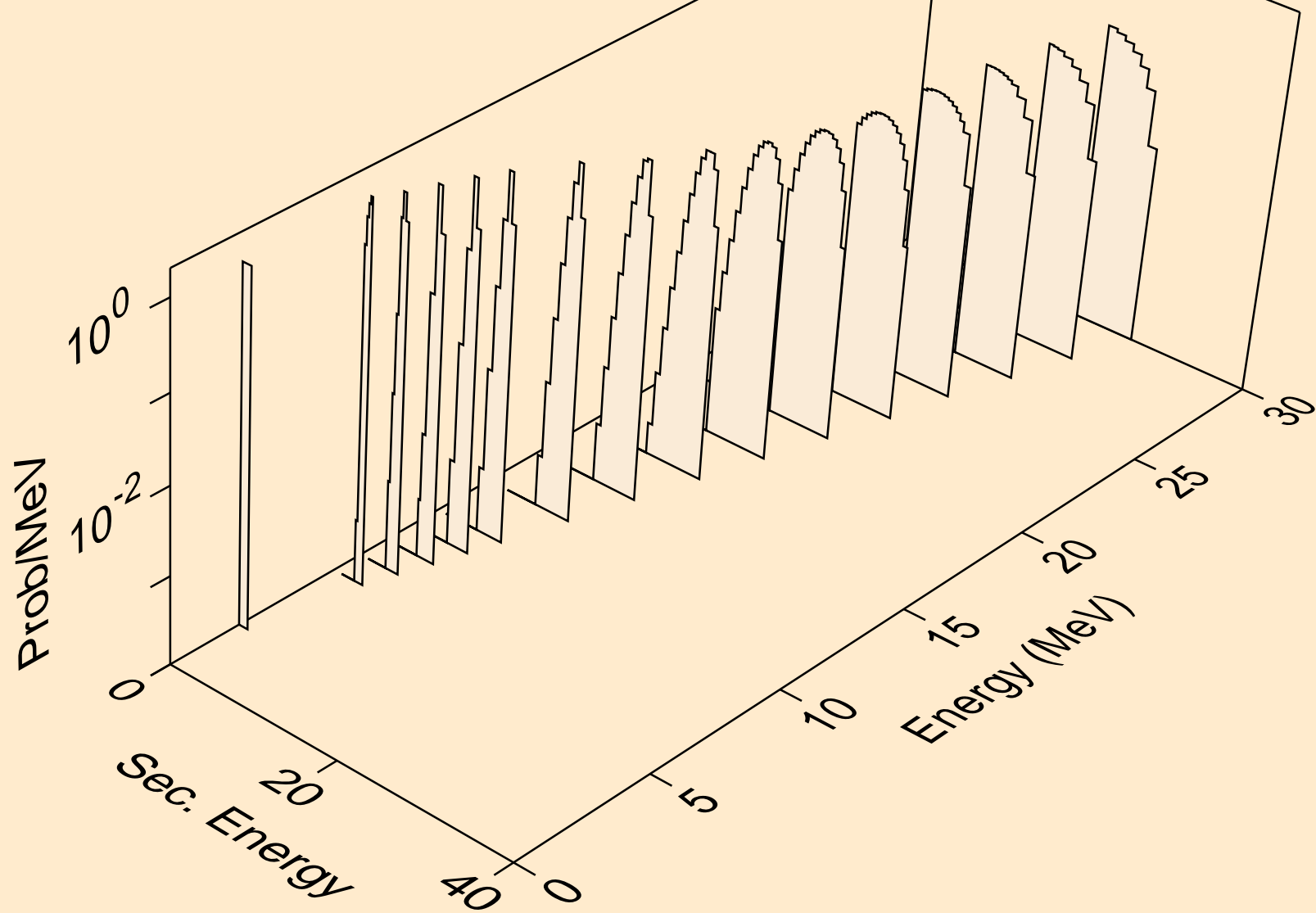
ES256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)



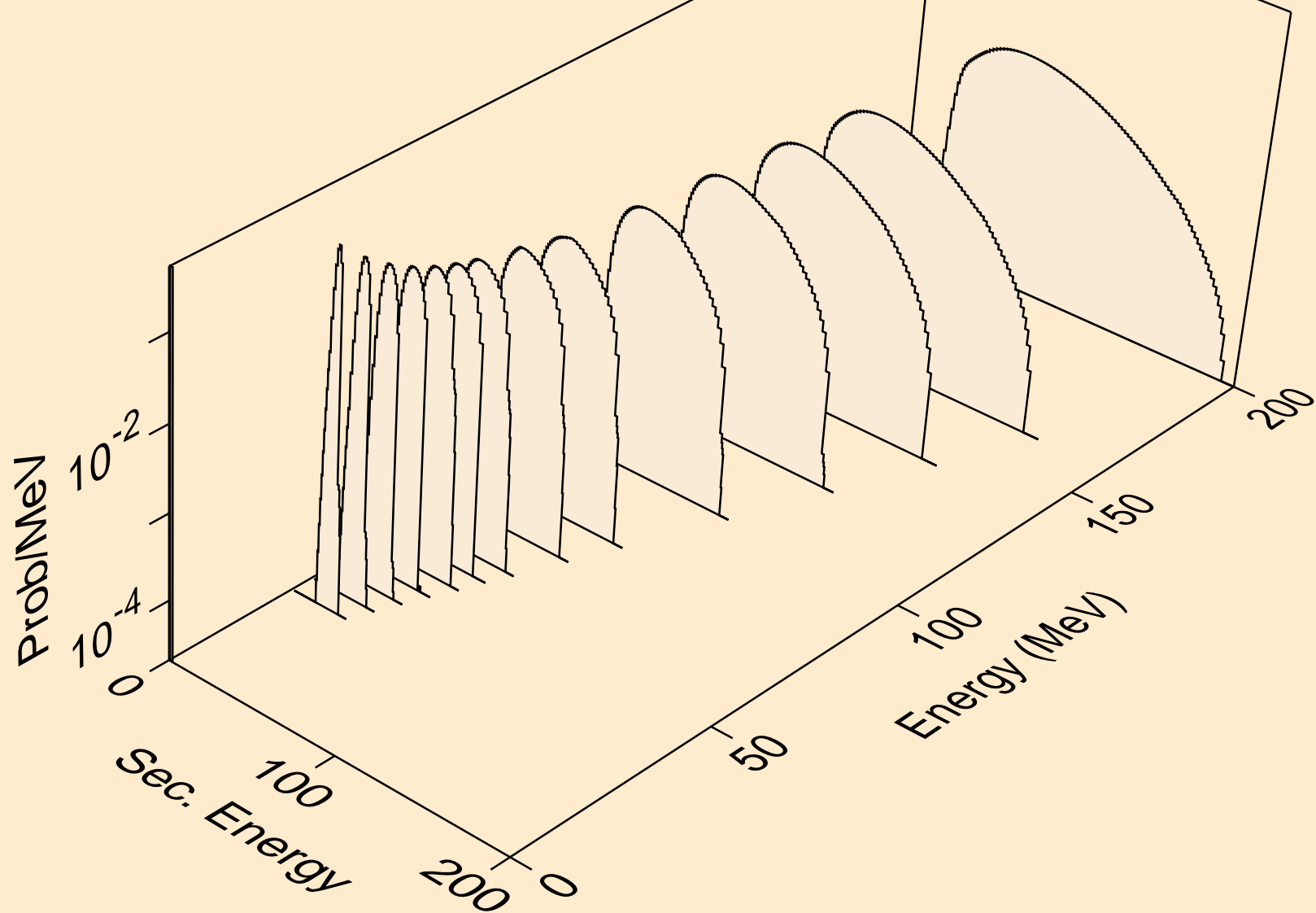
ES256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,n\*)t



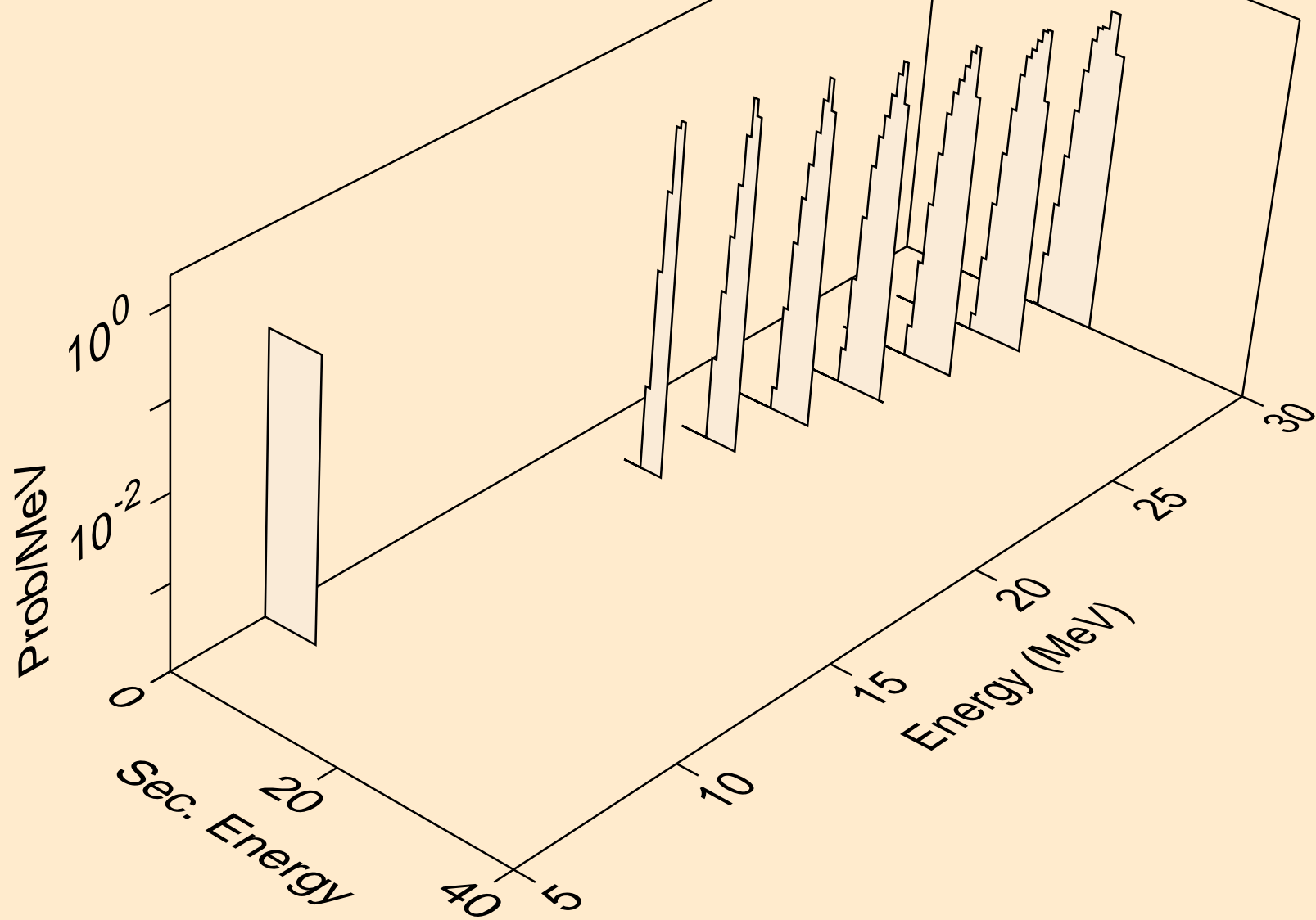
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tritons from (p,t)



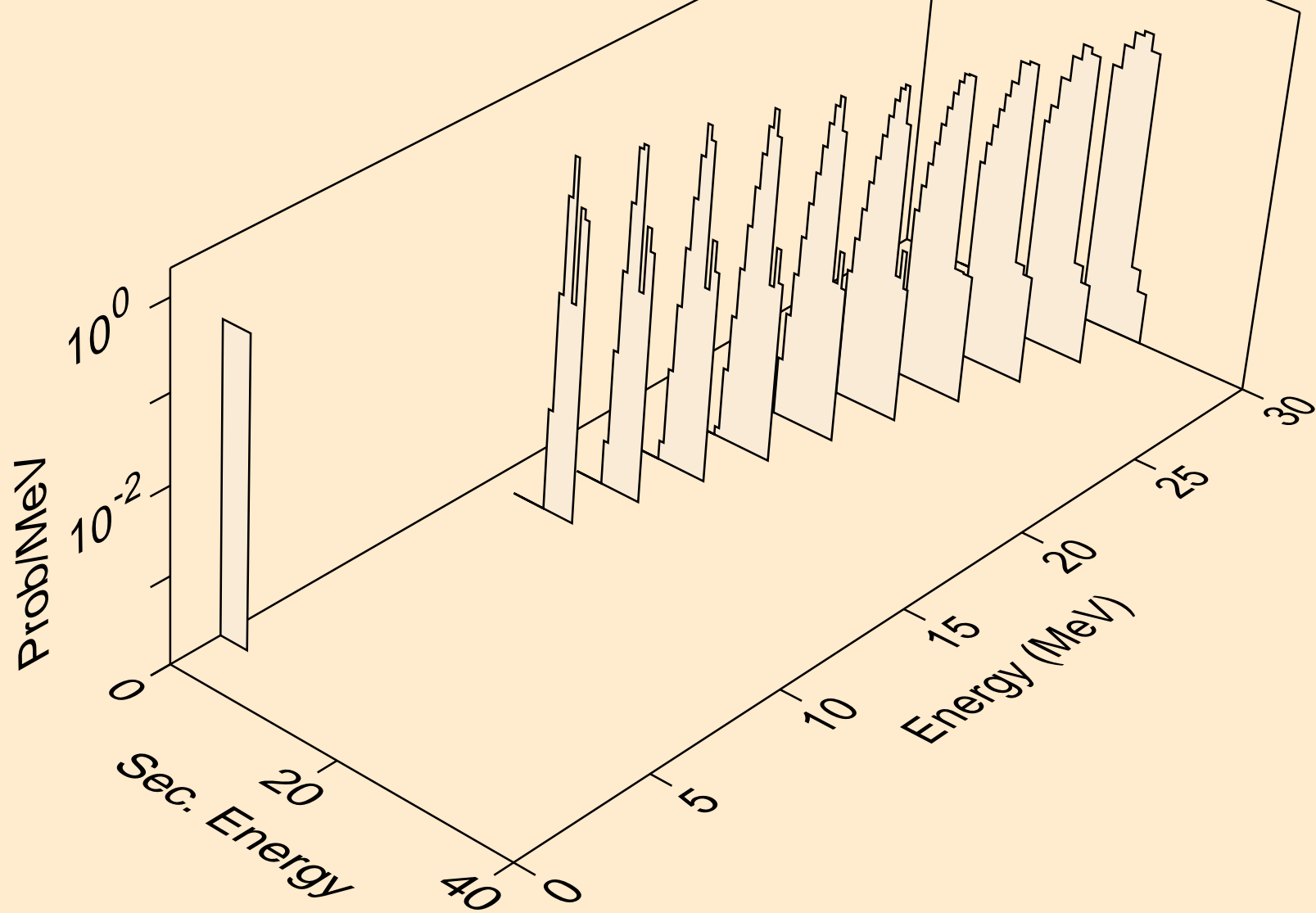
ES256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)



ES256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3

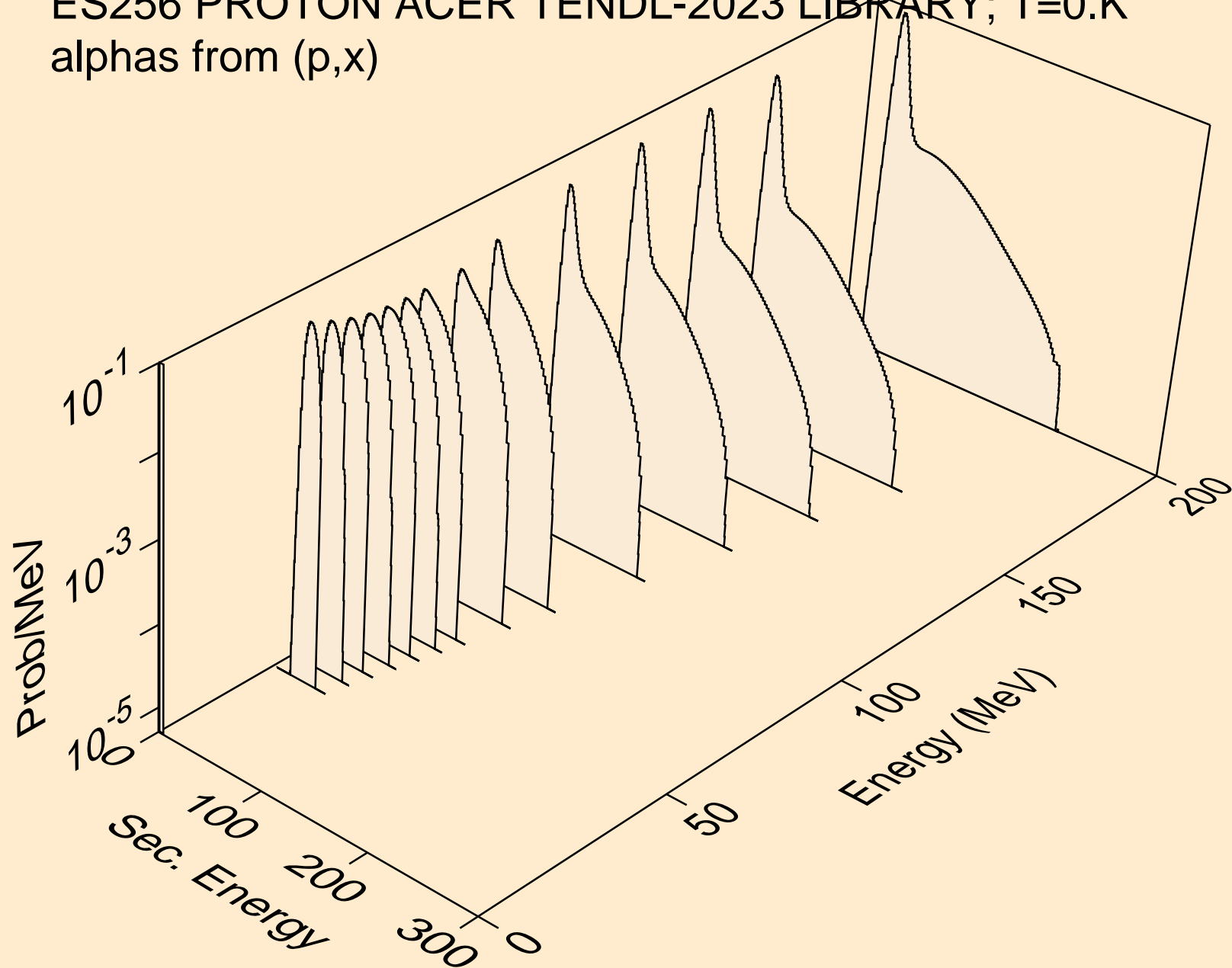


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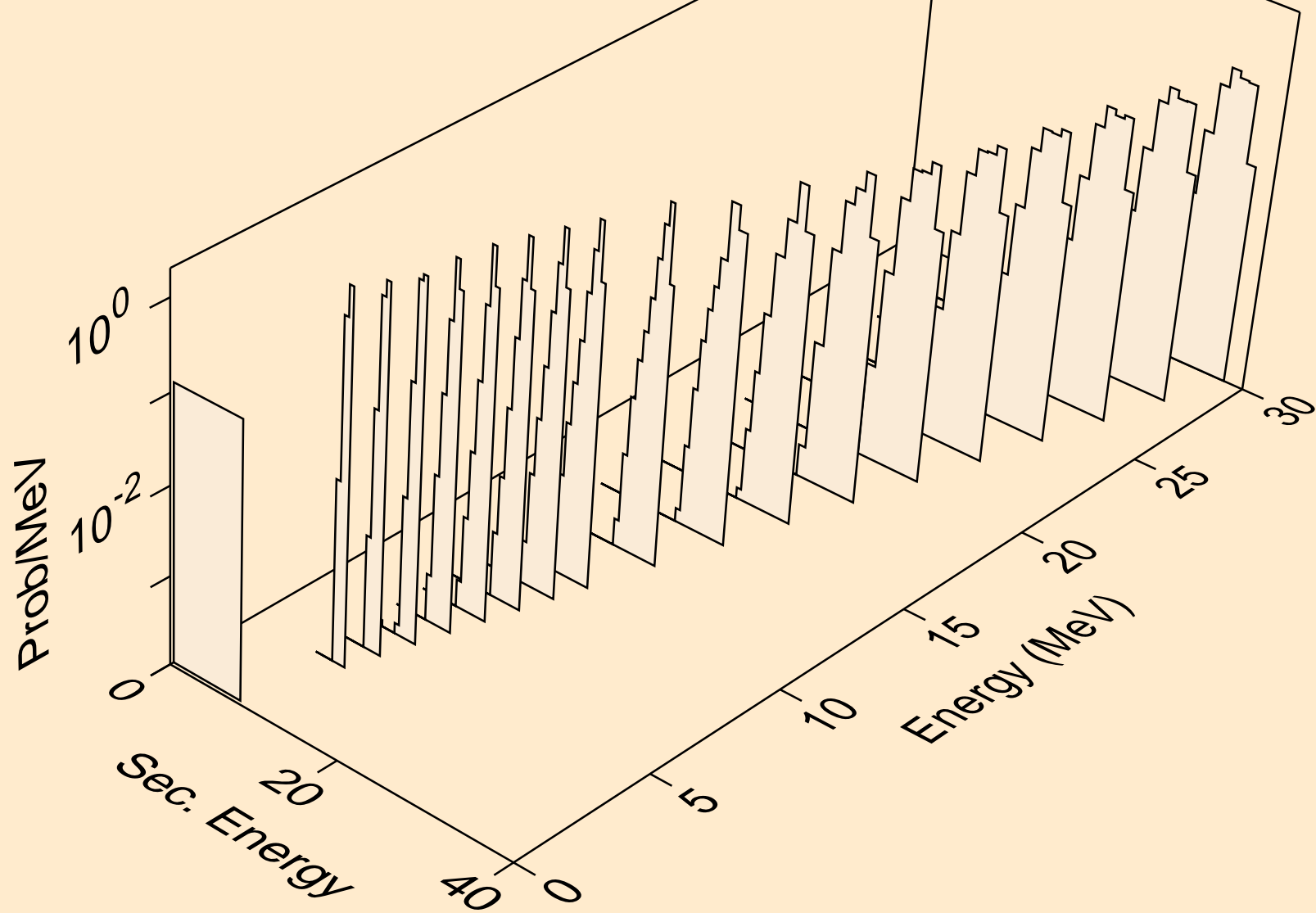




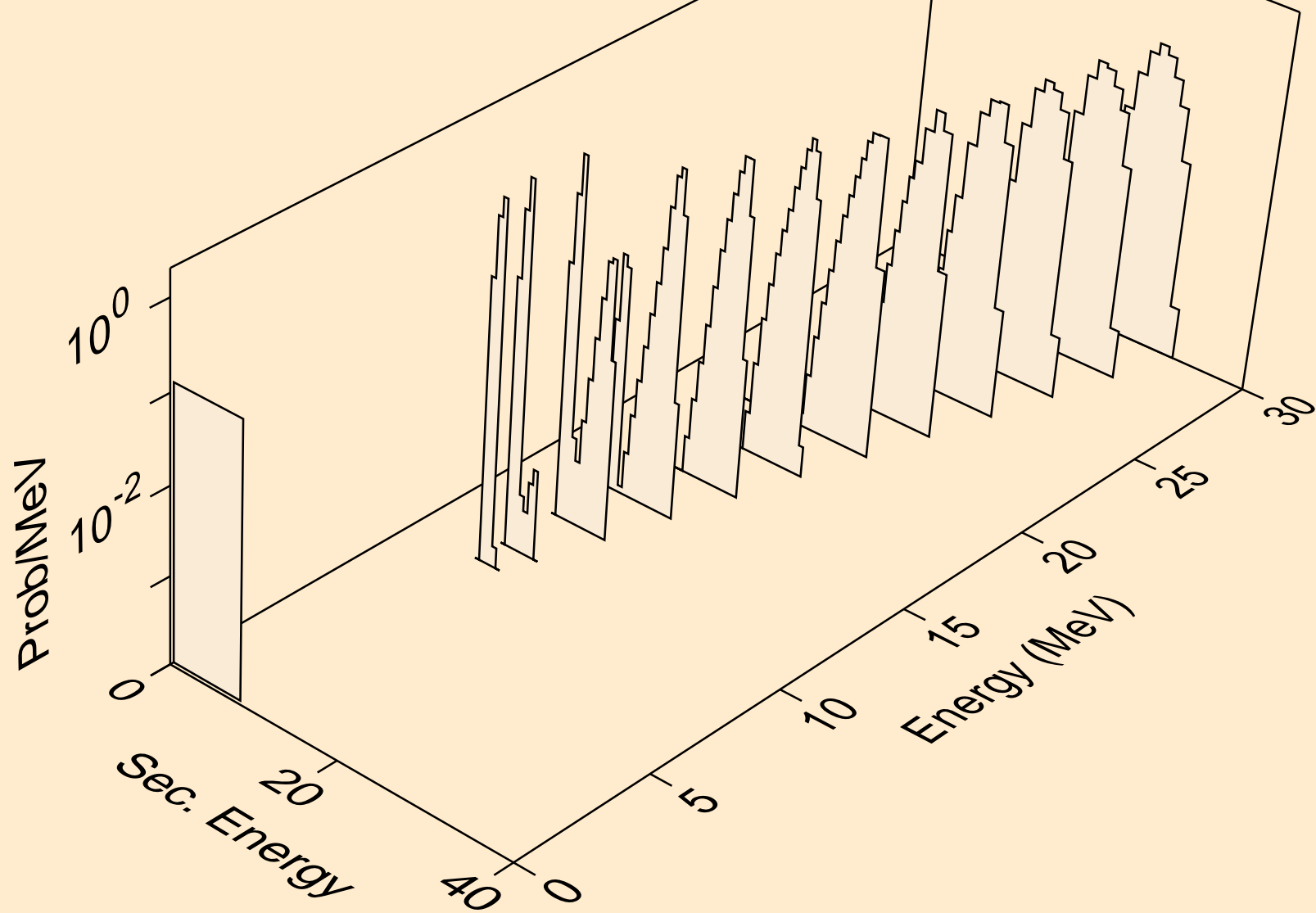
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alphas from (p,x)



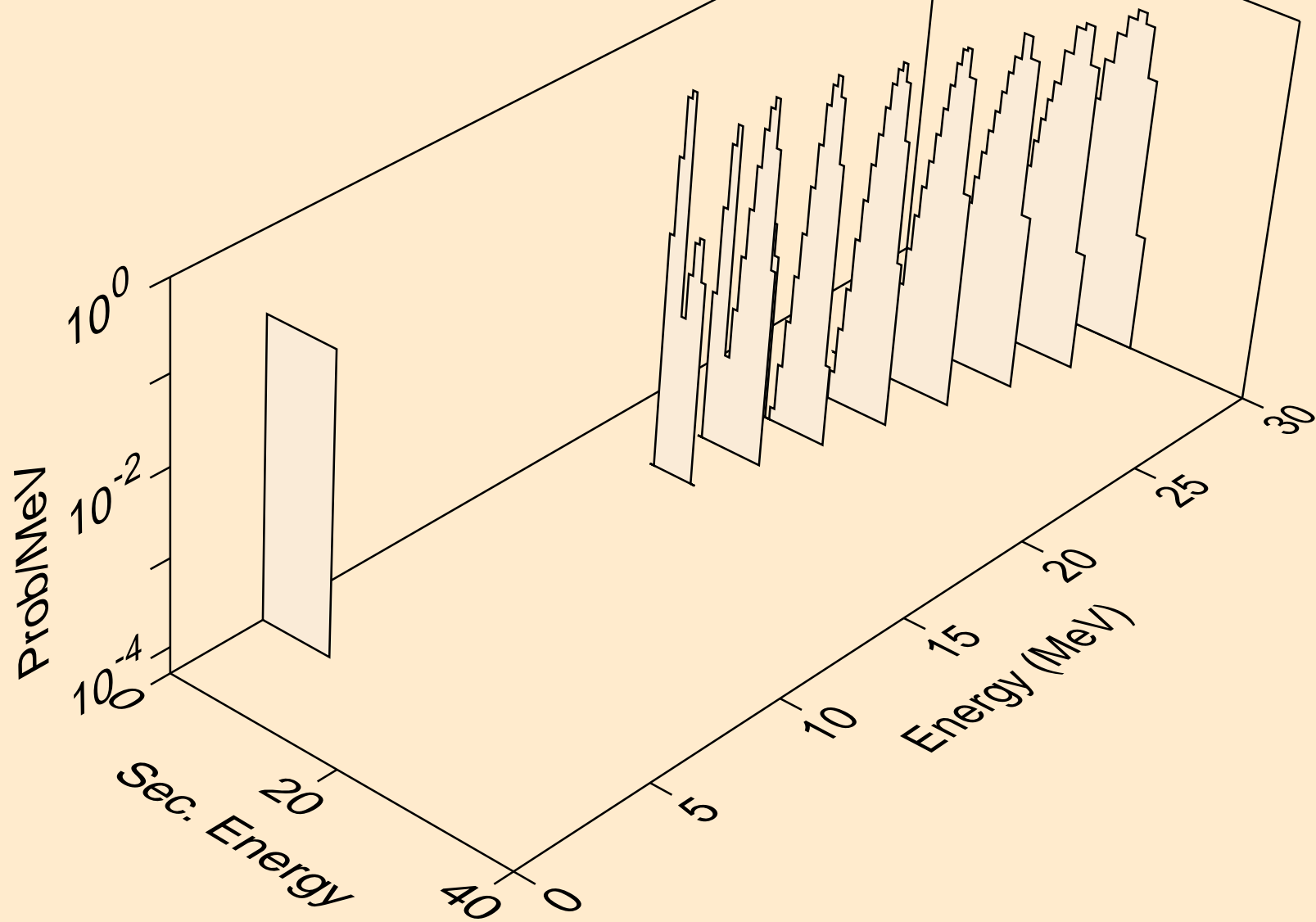
ES256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a



ES256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a



ES256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,3n)a



ES256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)

