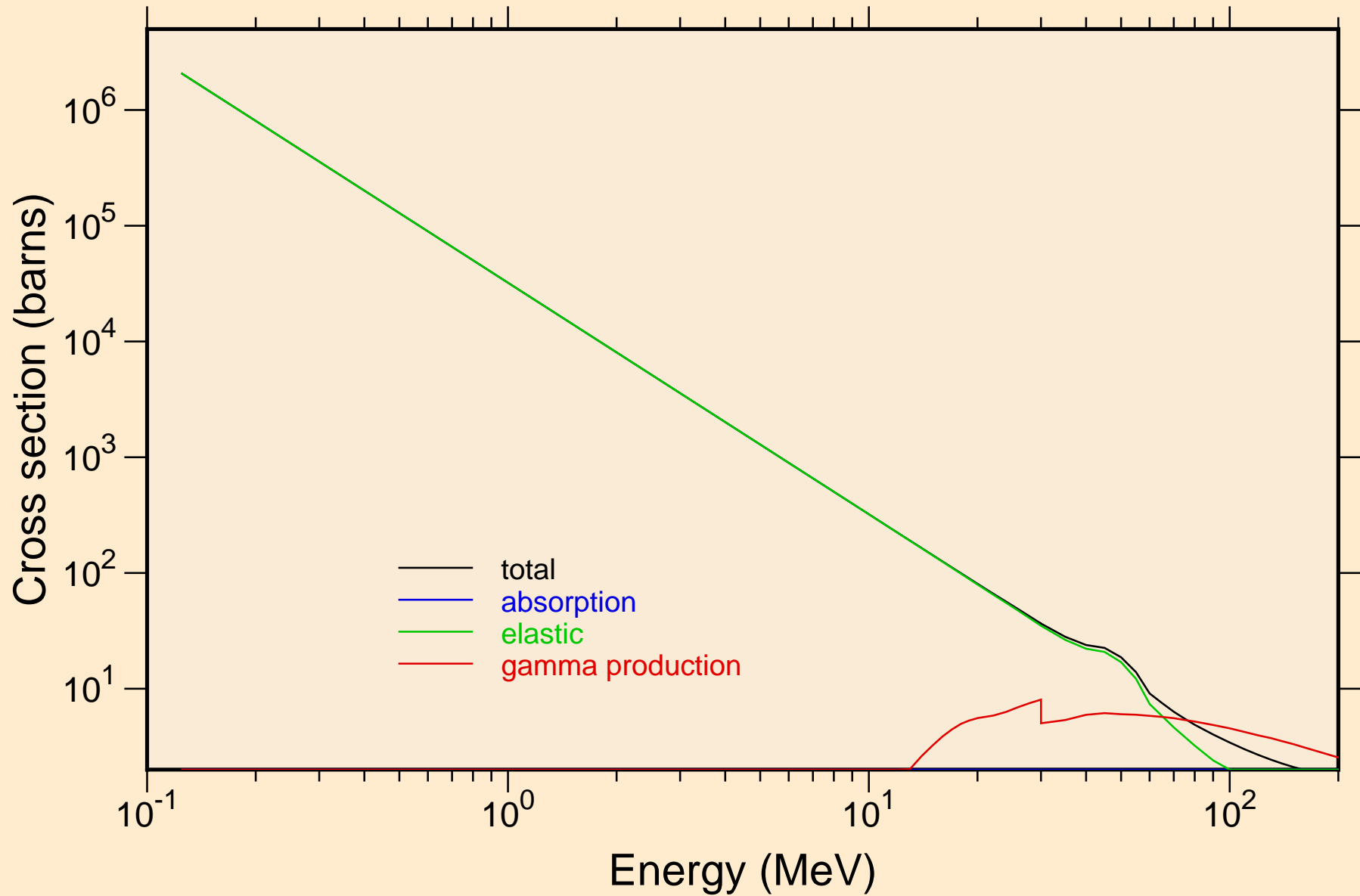
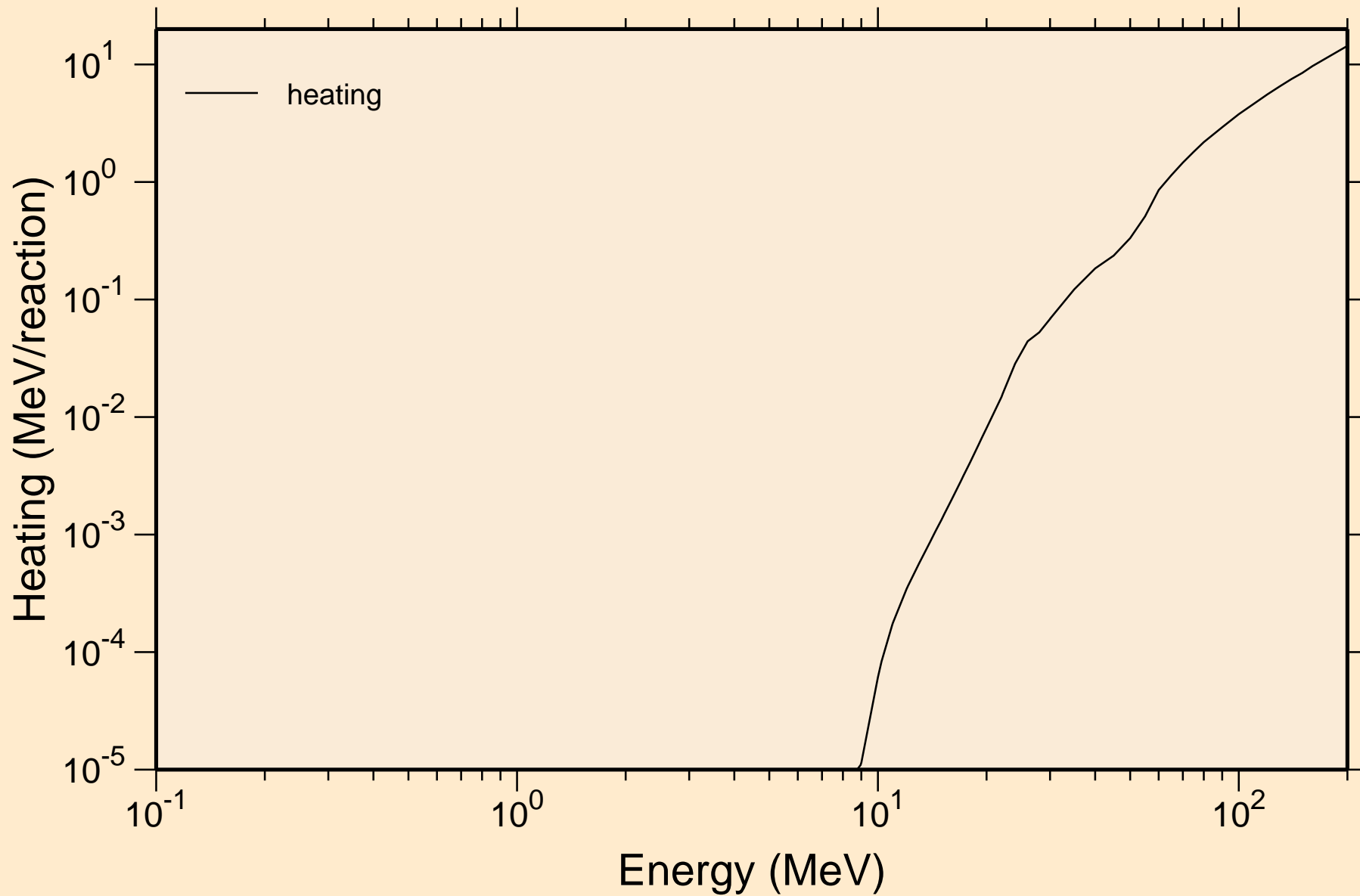


# HF162 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

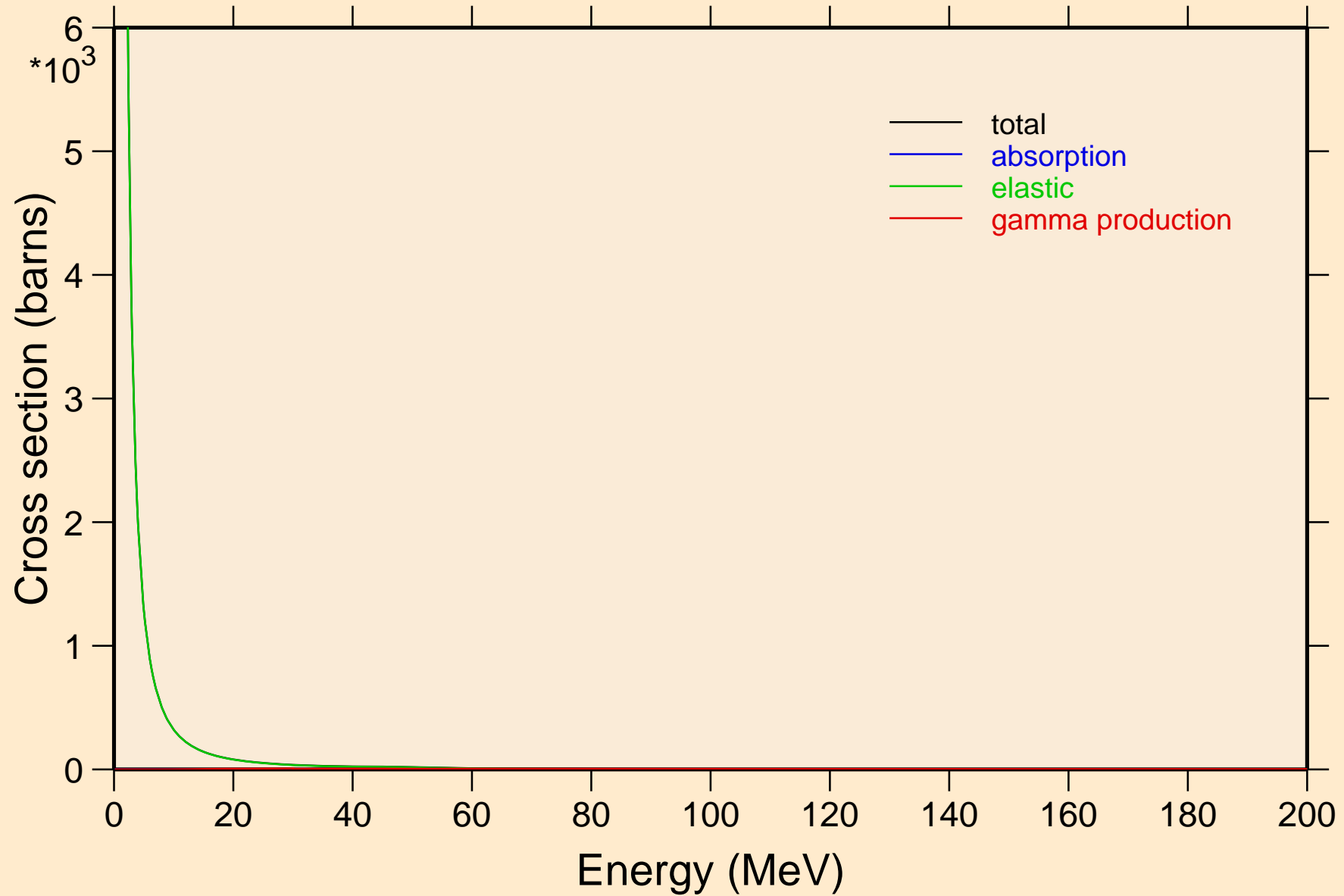


HF162 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Heating



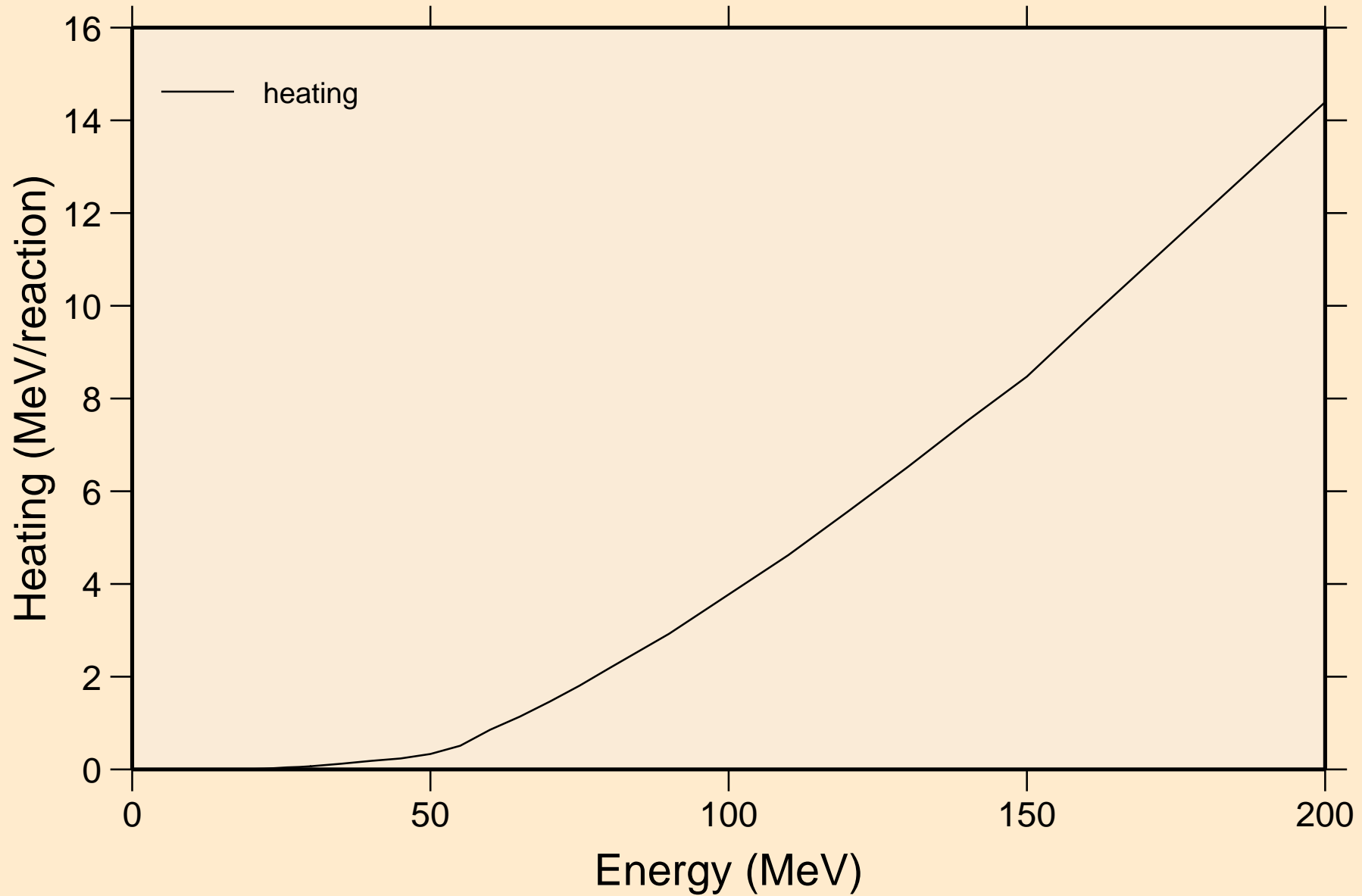
# HF162 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



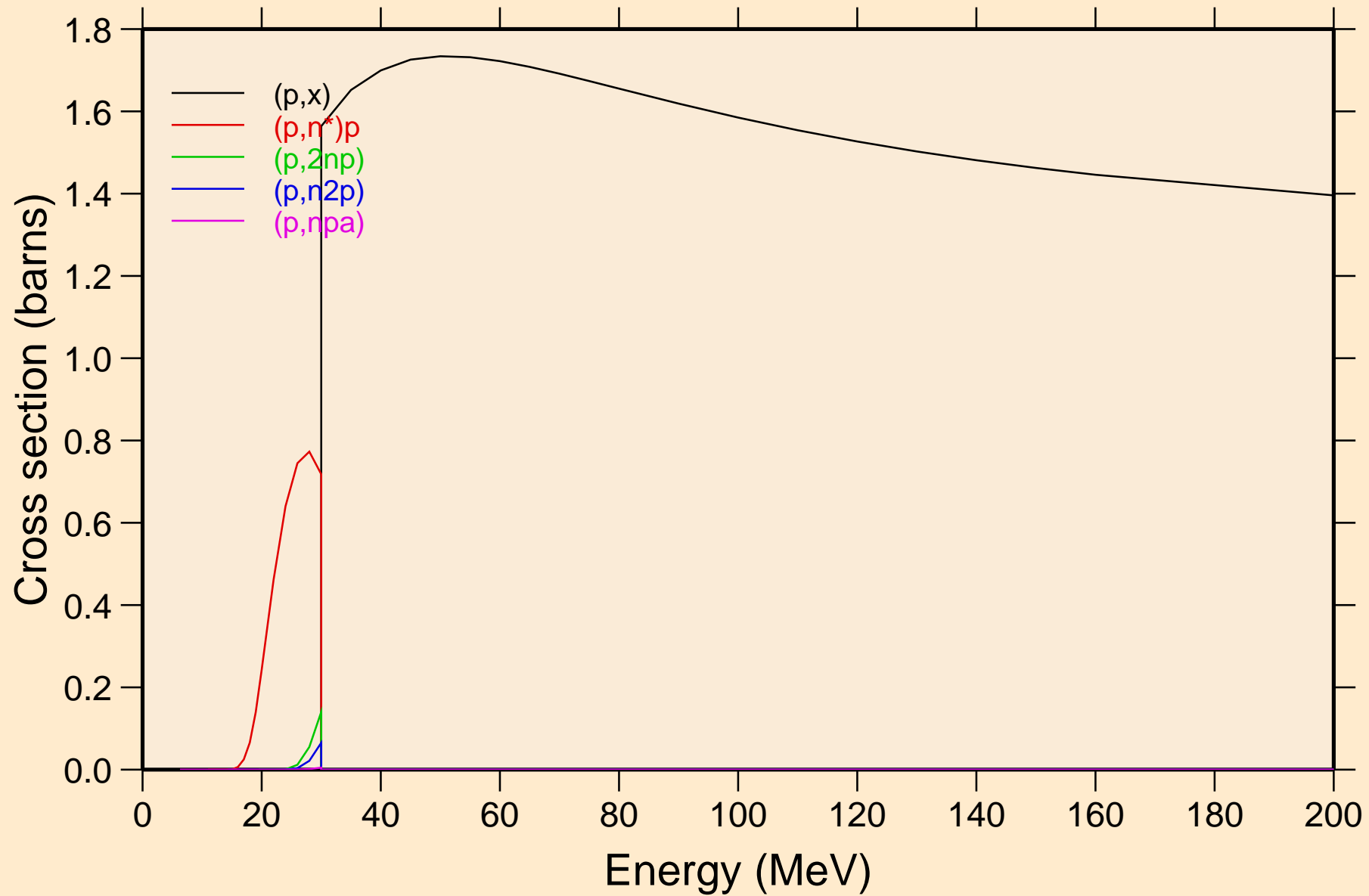
# HF162 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



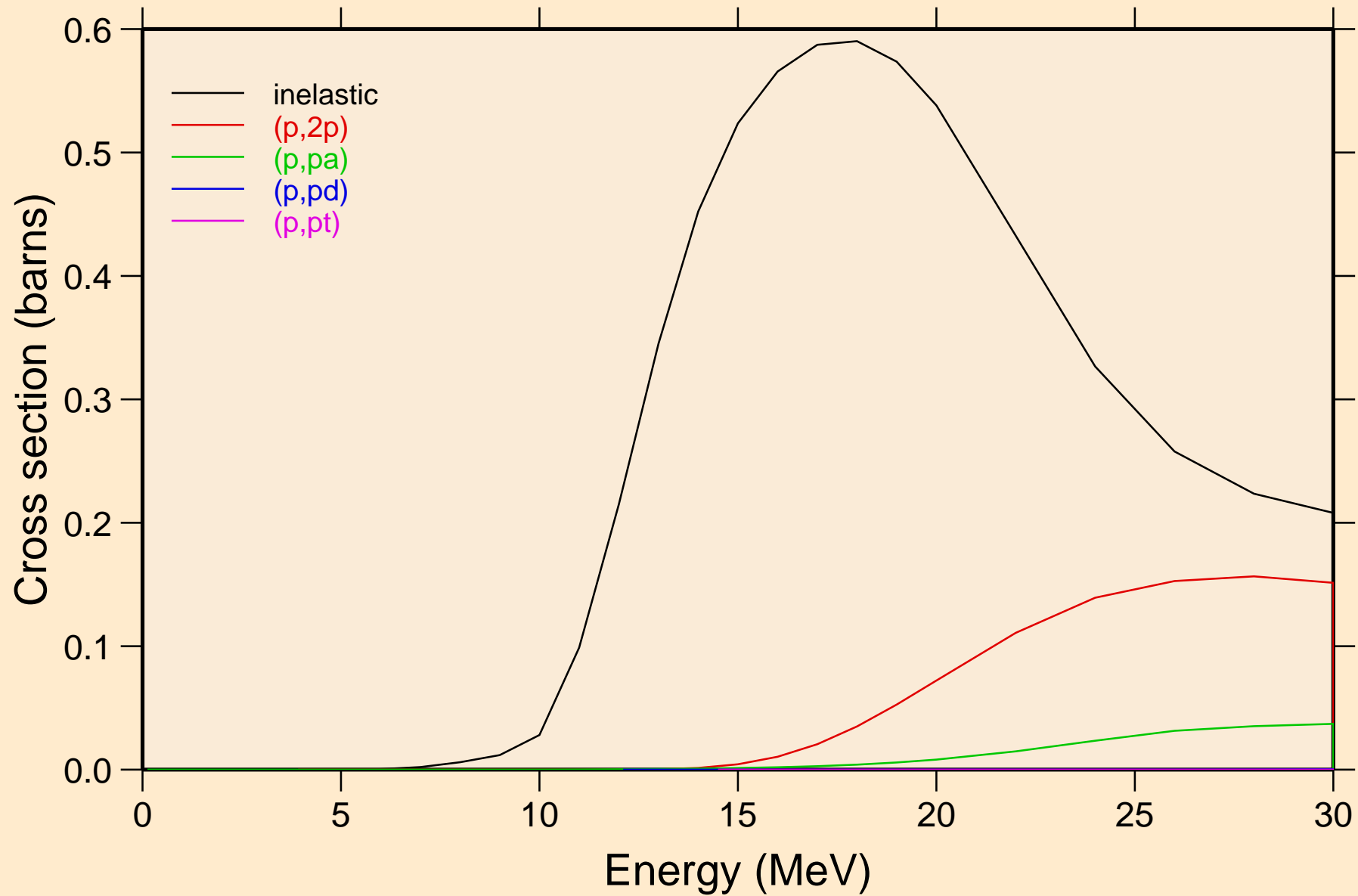
# HF162 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

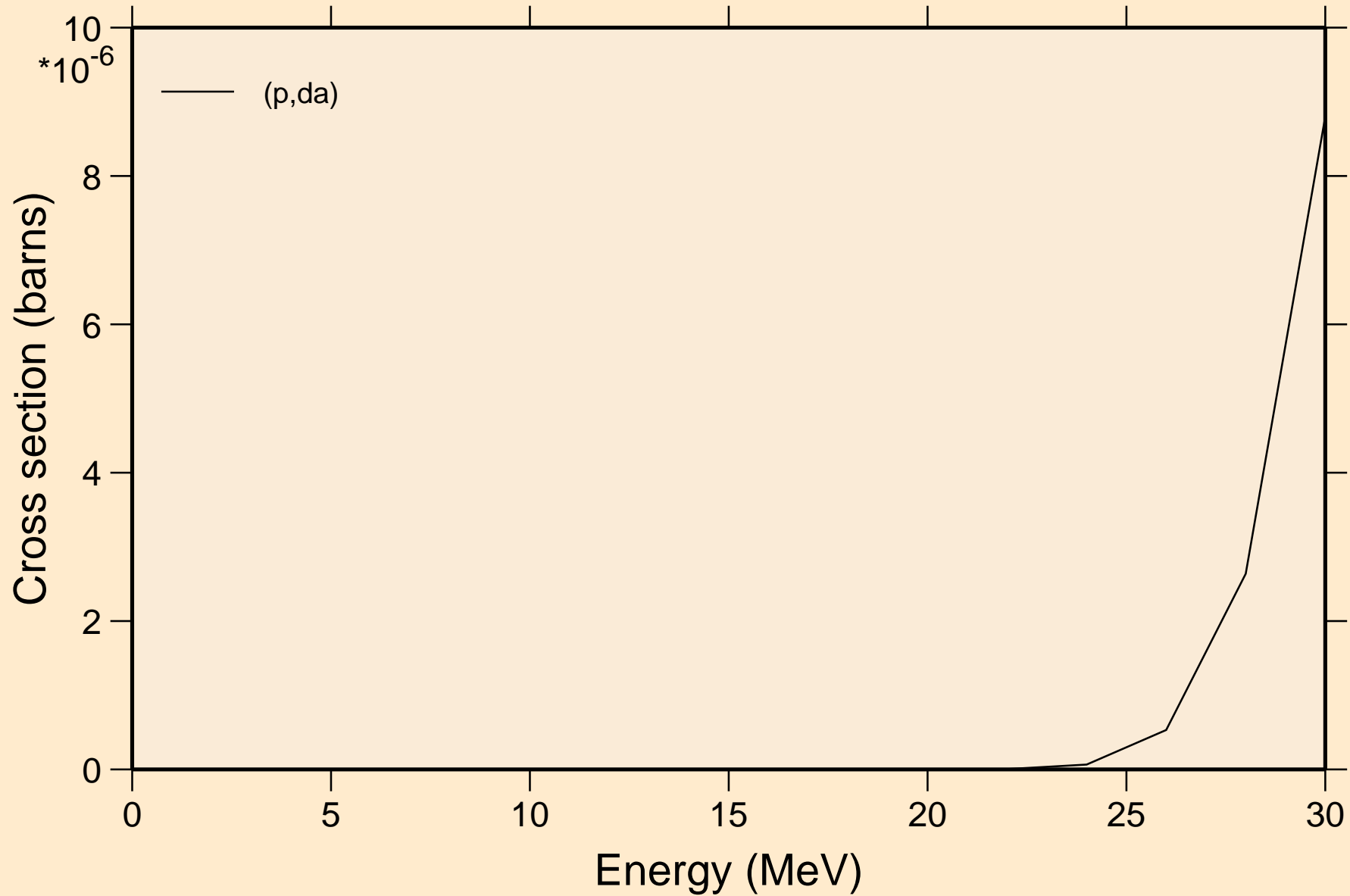


# HF162 PROTON ACER TENDL-2023 LIBRARY; T=0.K

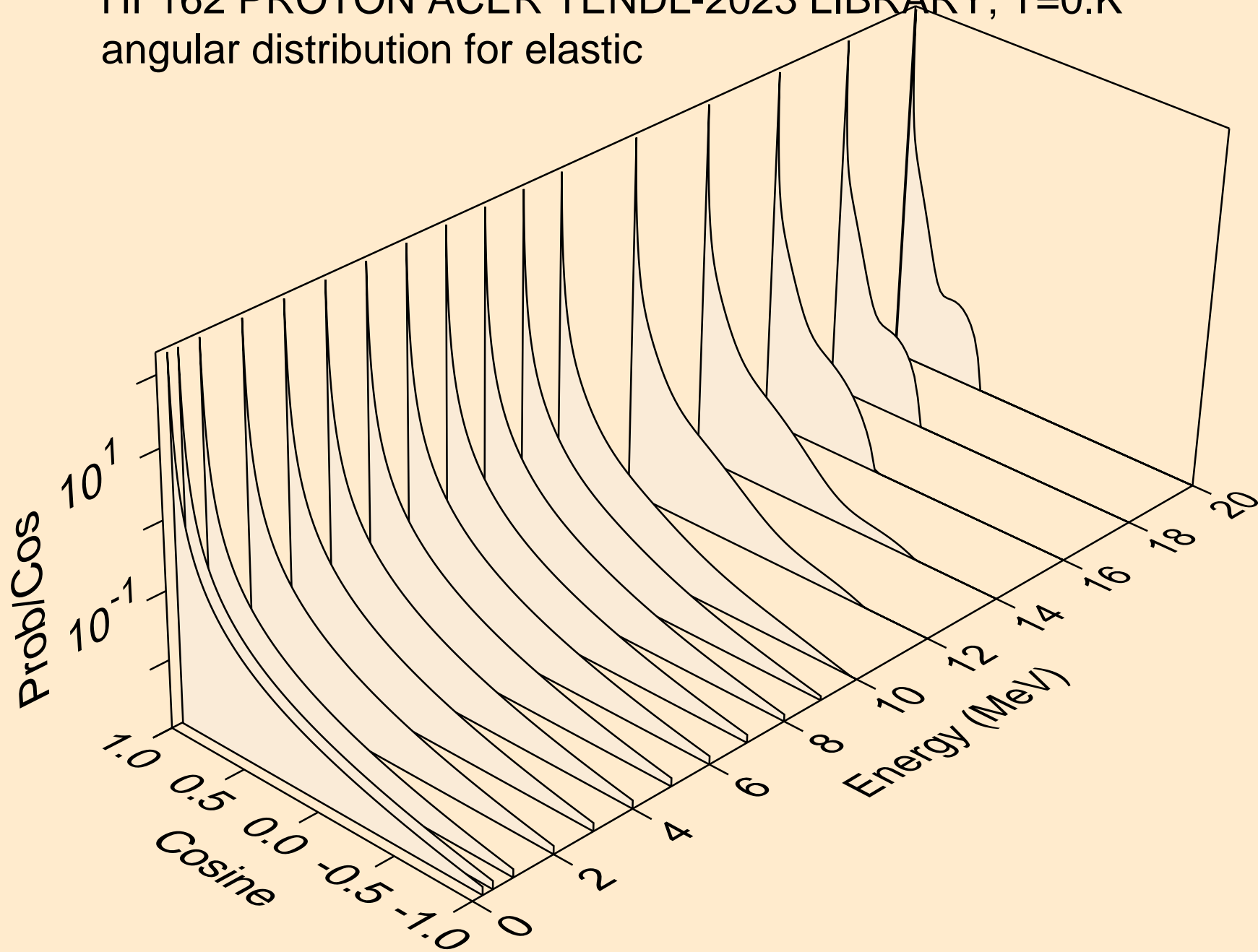
## Threshold reactions



HF162 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

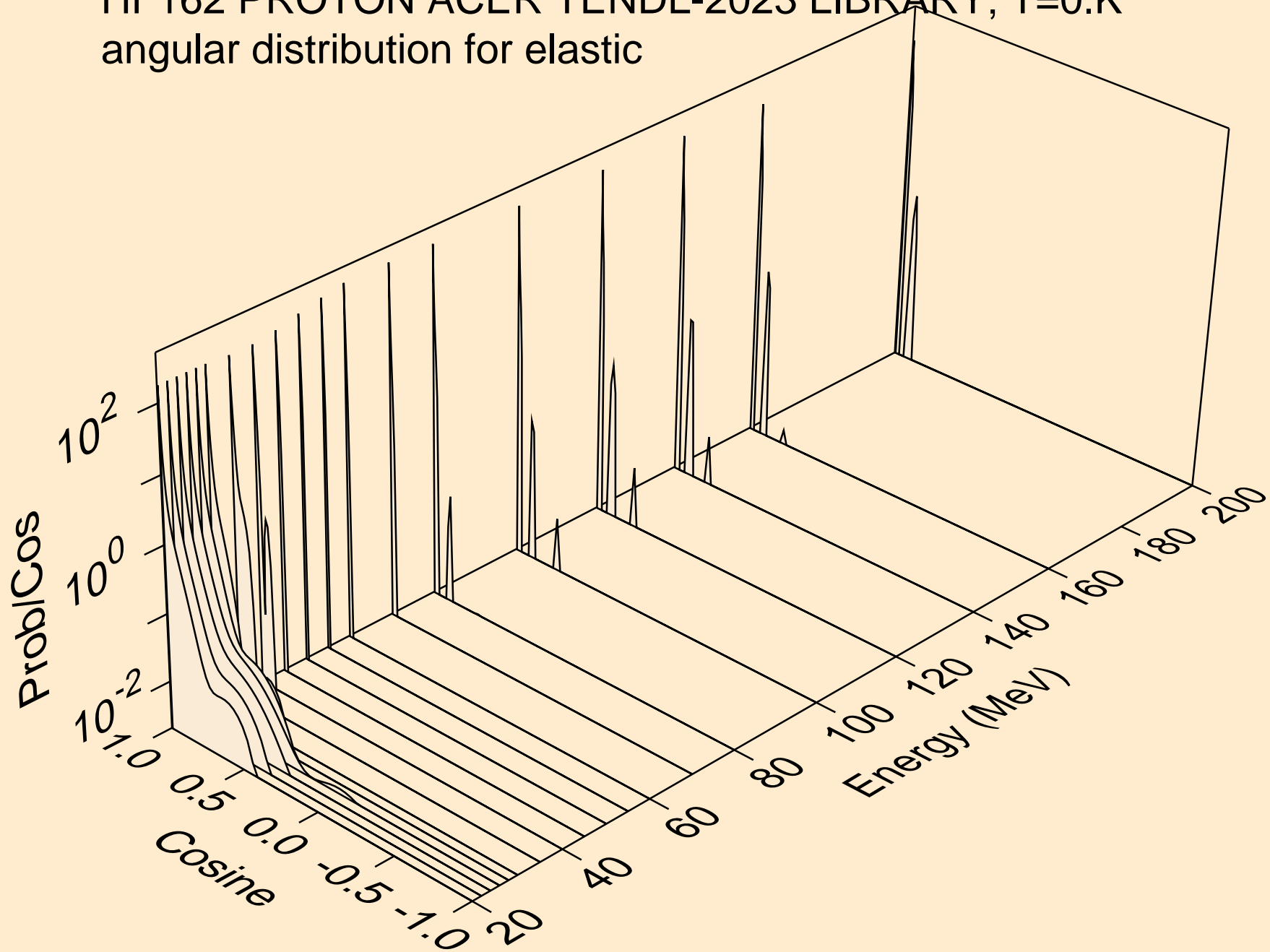


HF162 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

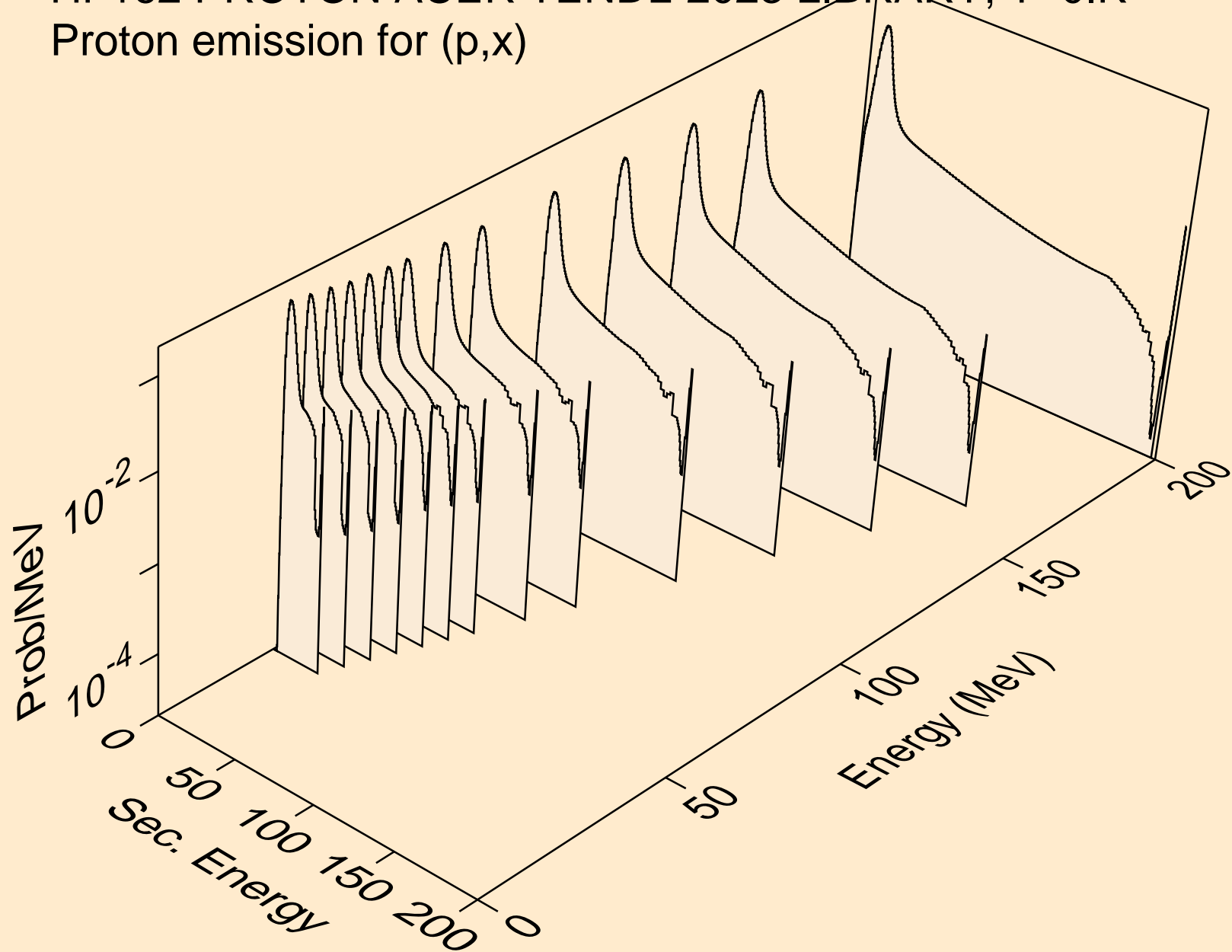




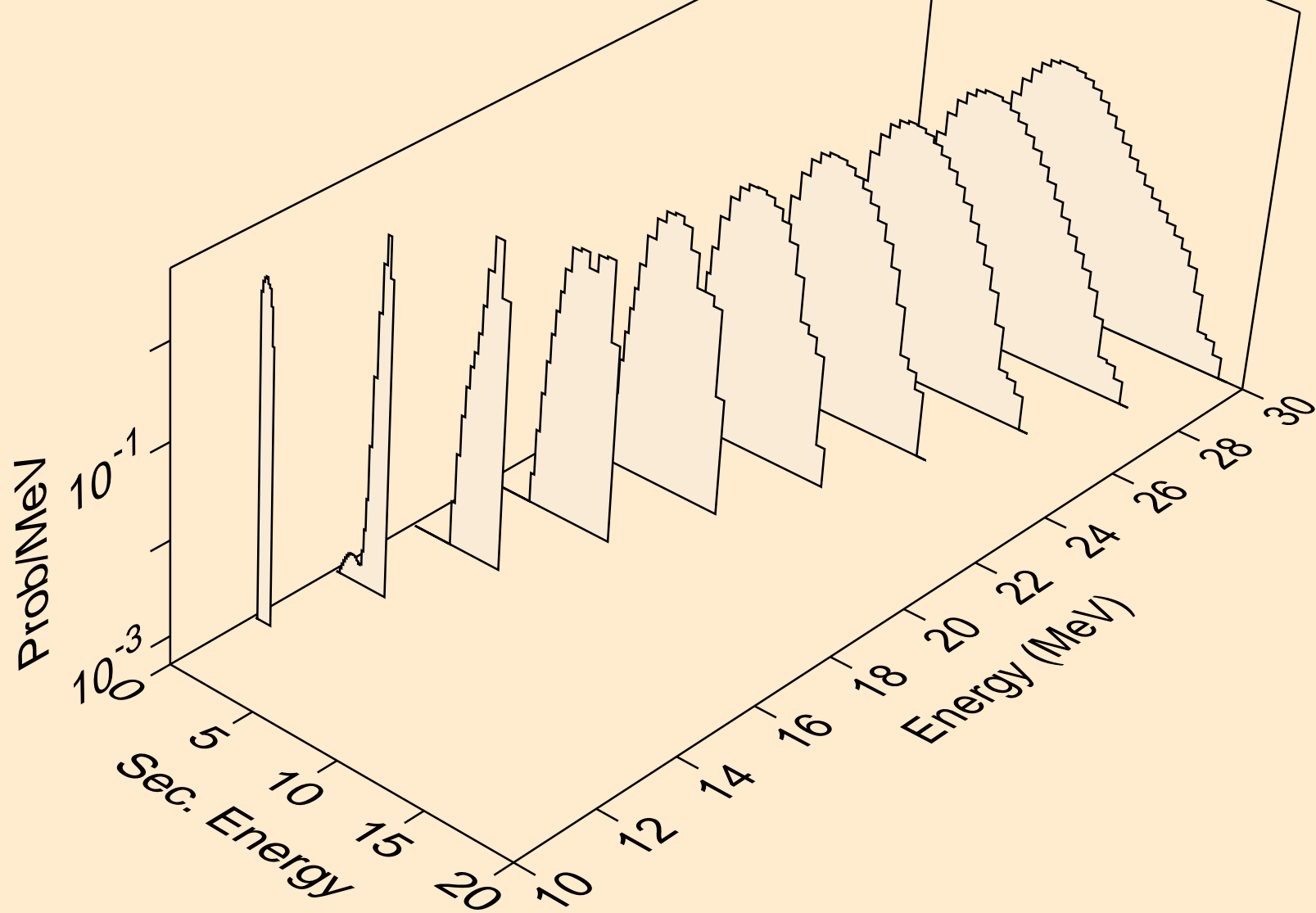
HF162 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



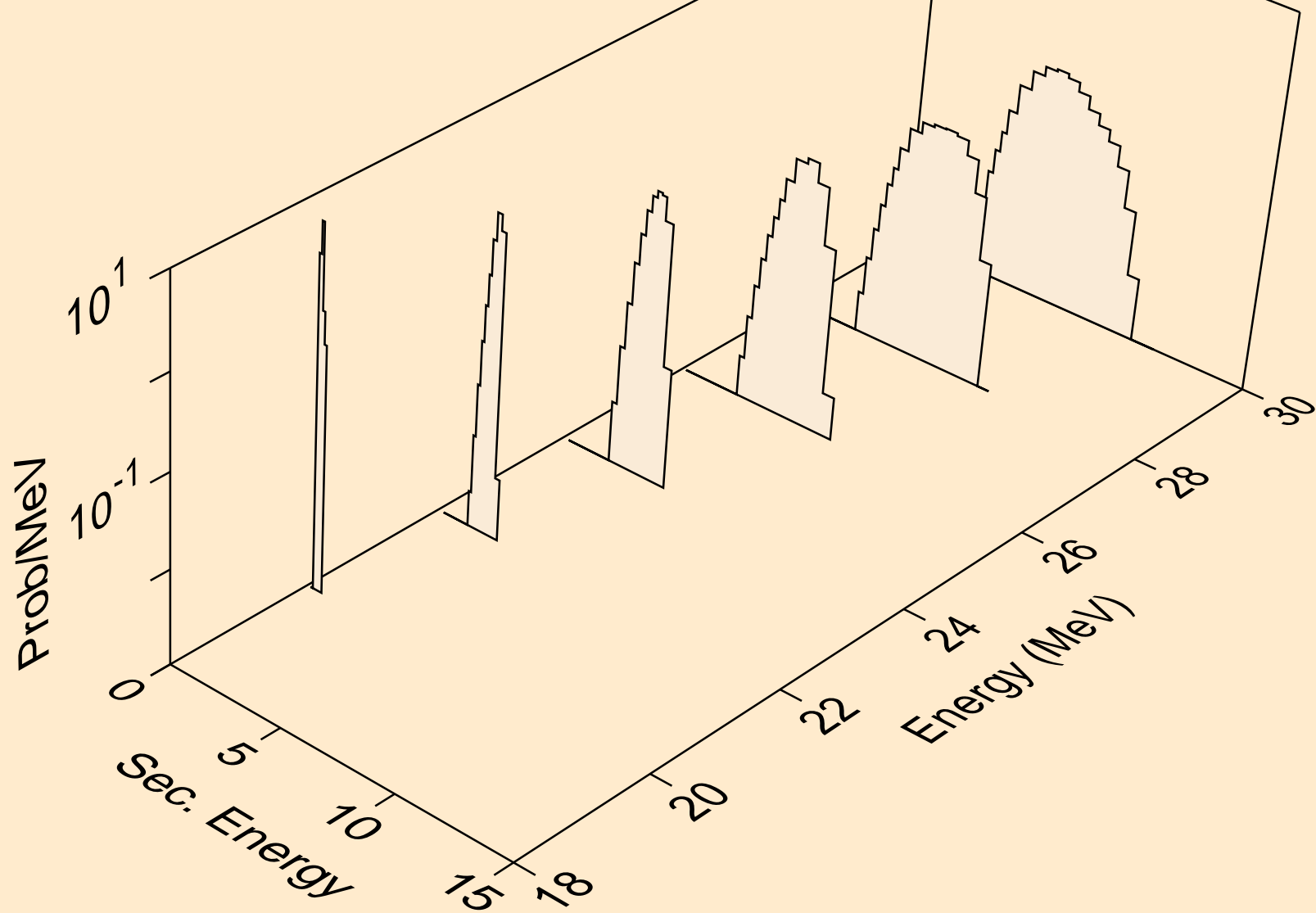
HF162 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



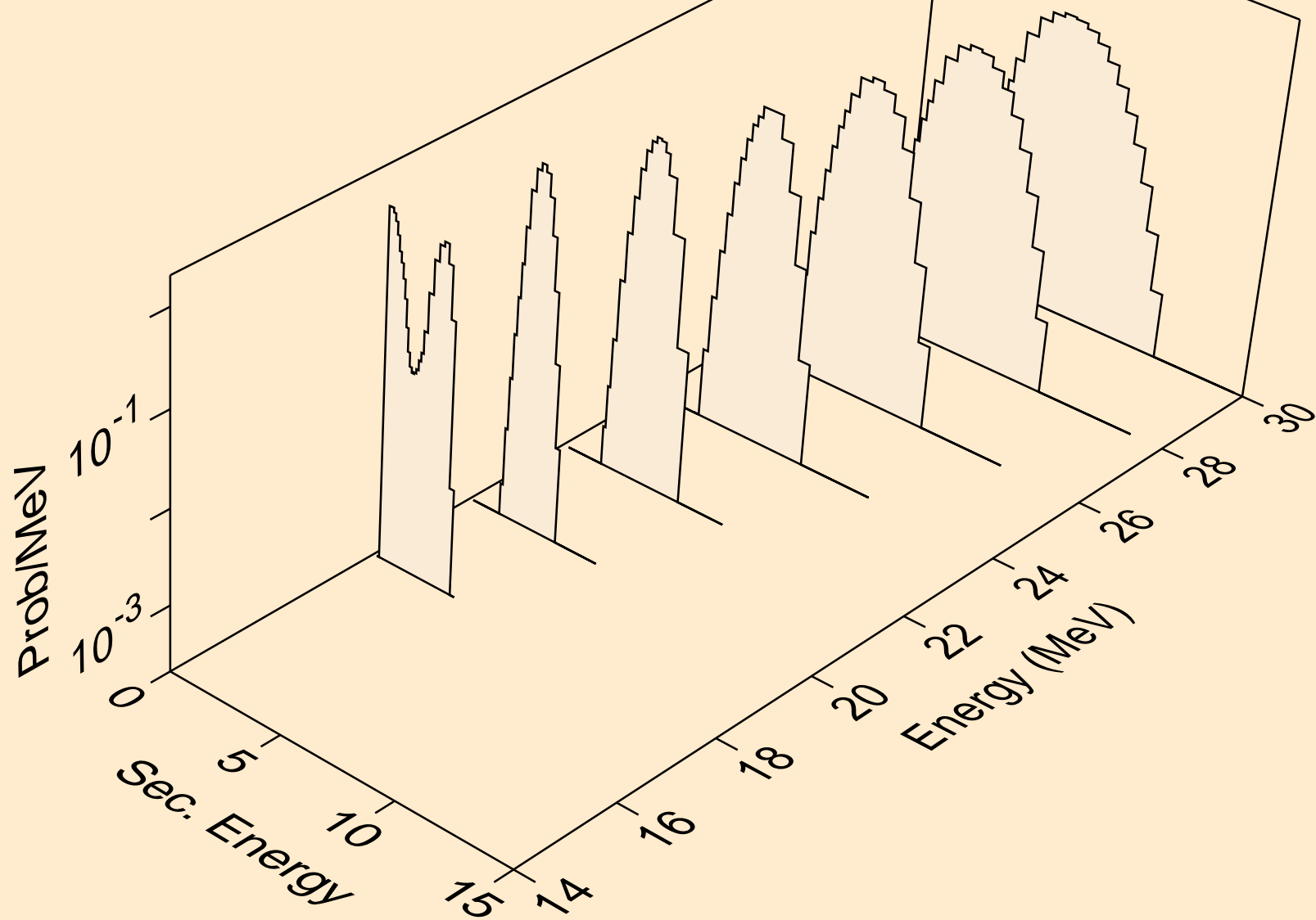
HF162 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



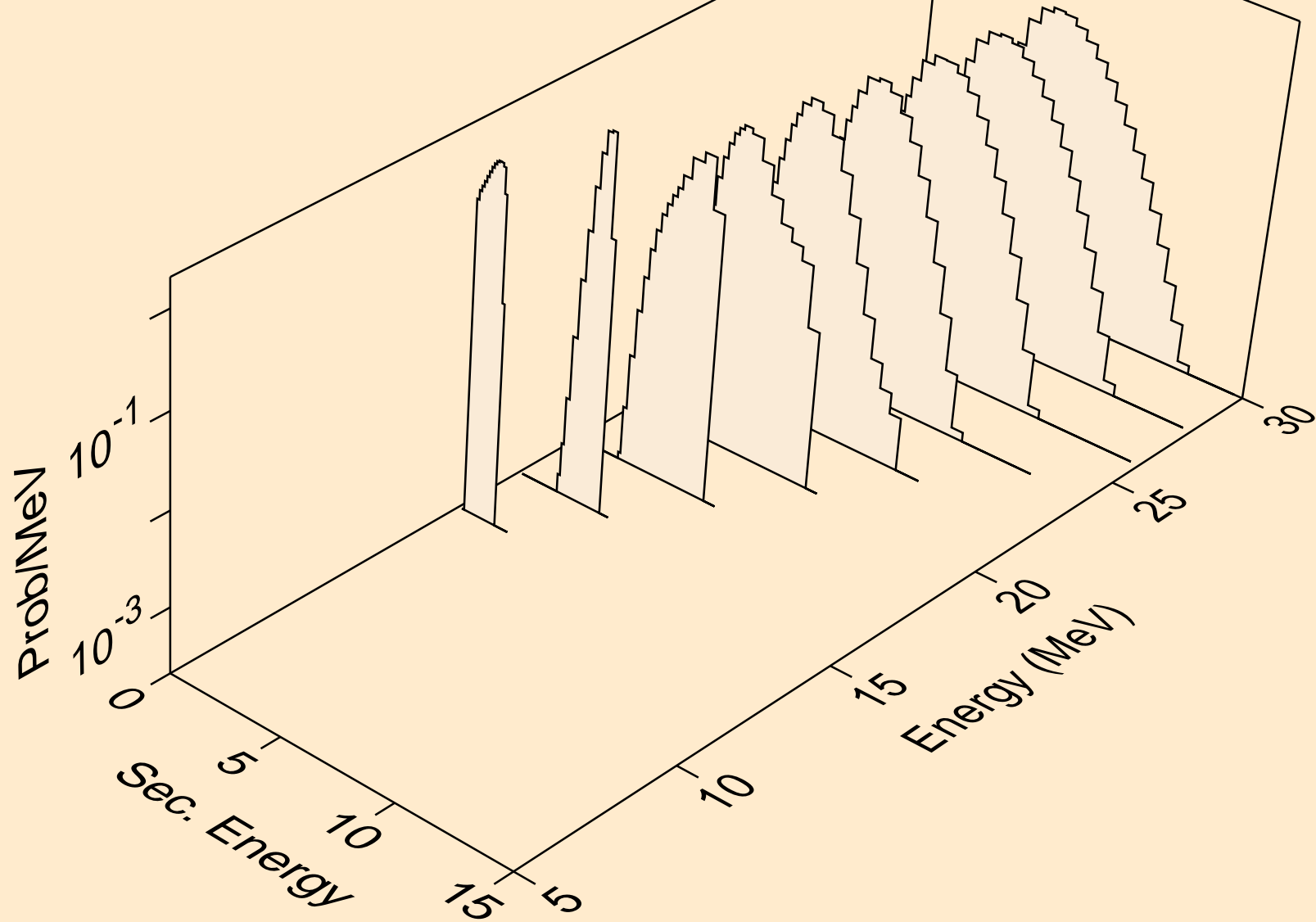
HF162 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



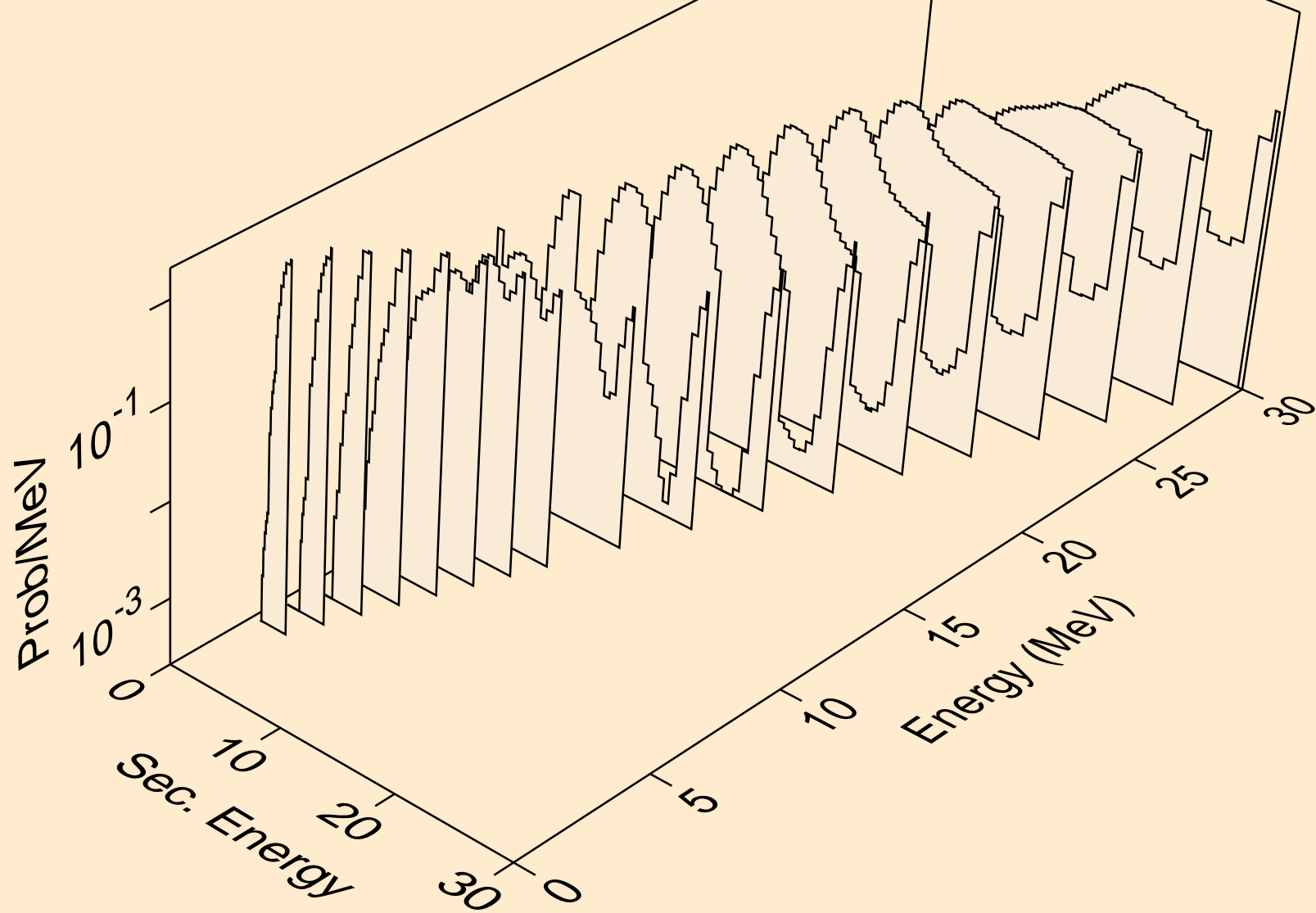
HF162 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)



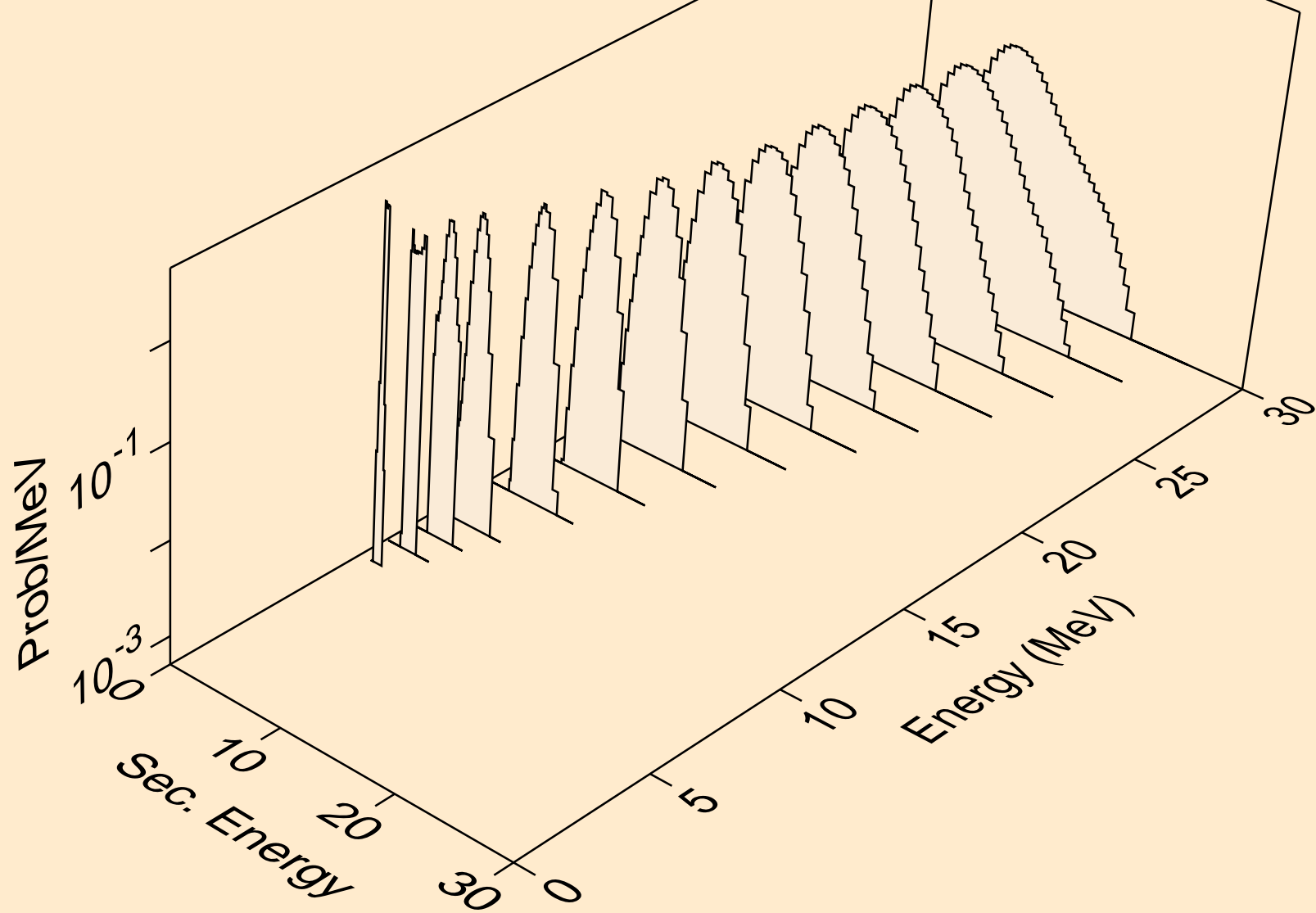
HF162 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,npa)



HF162 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

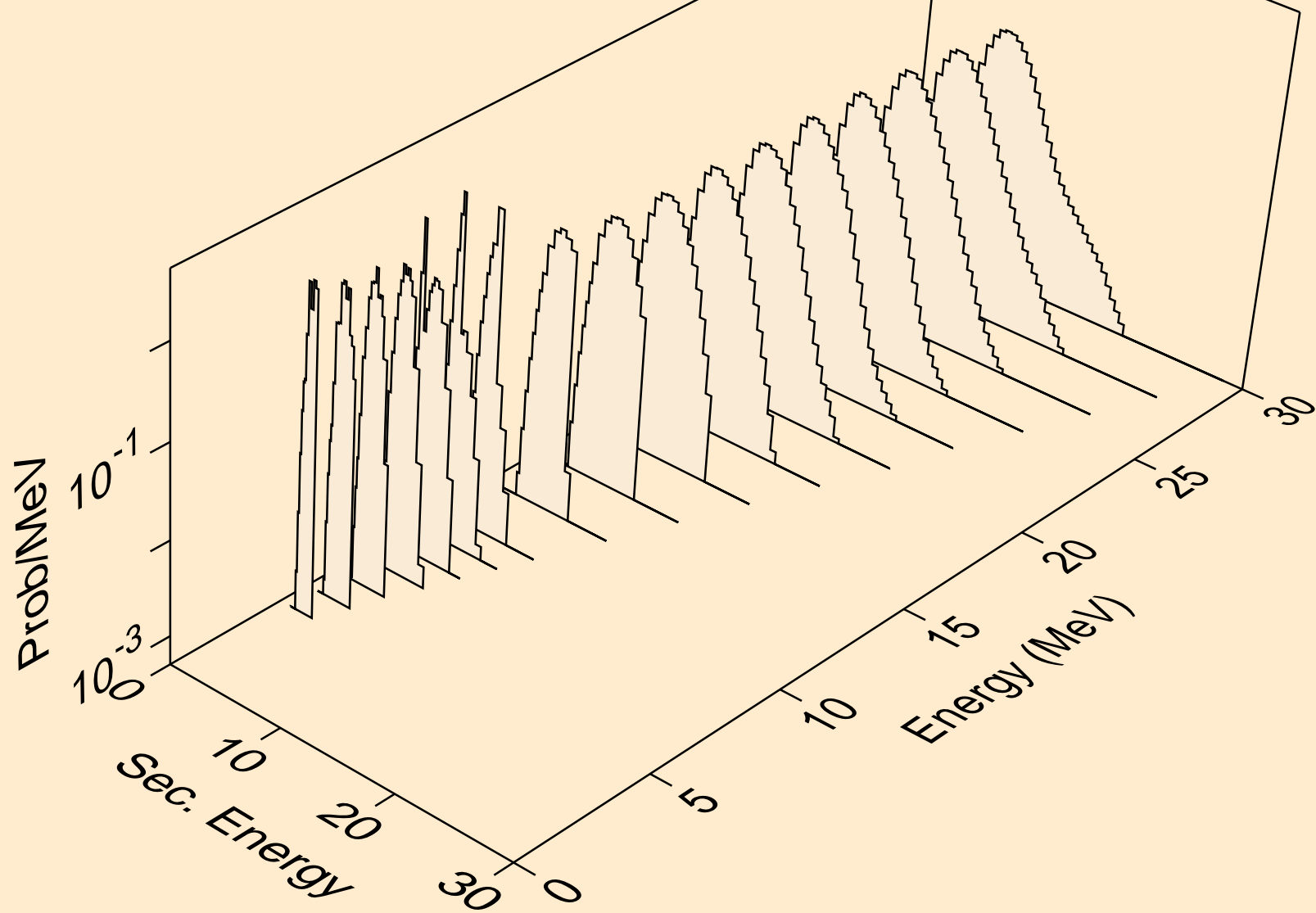


HF162 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)

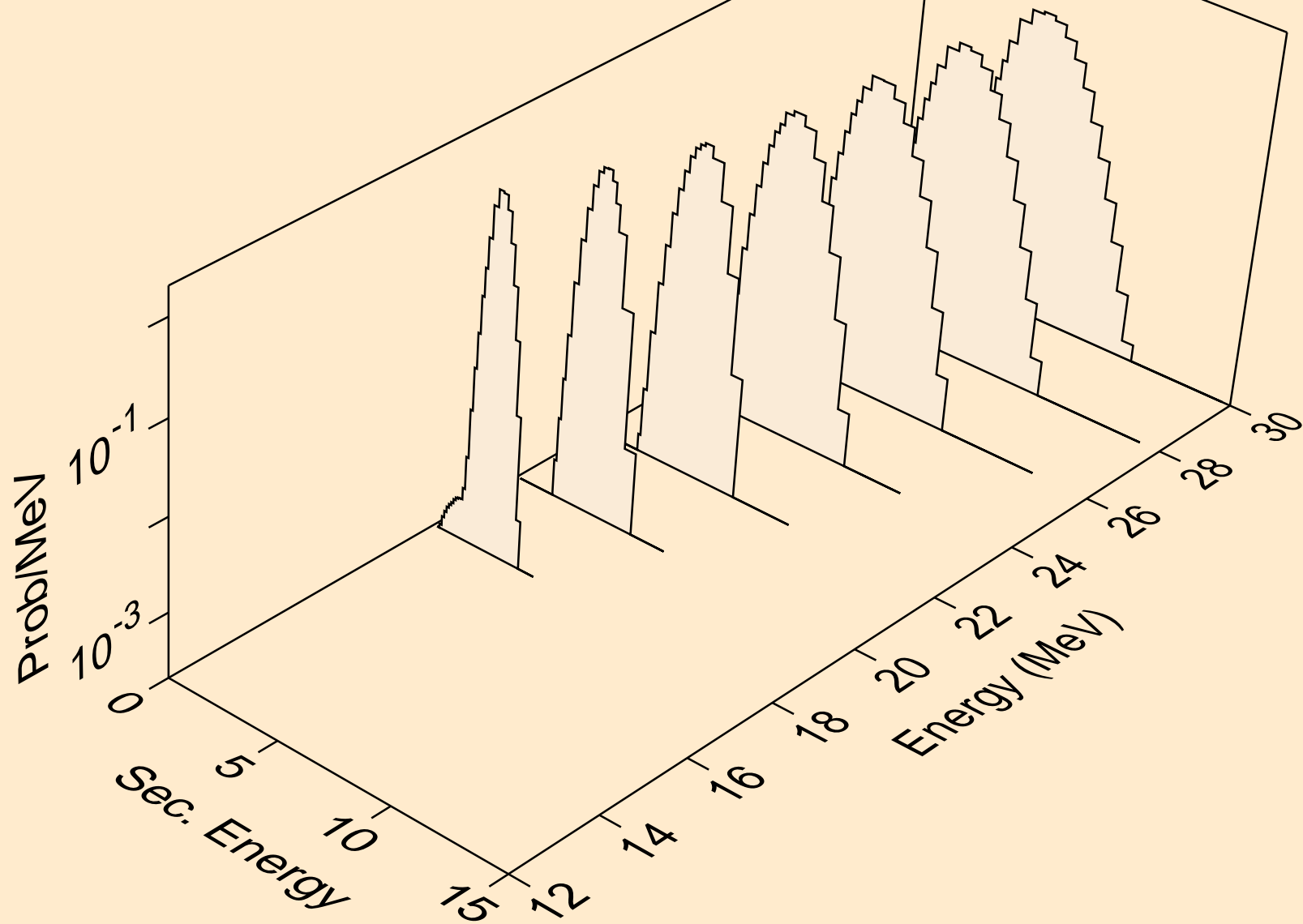




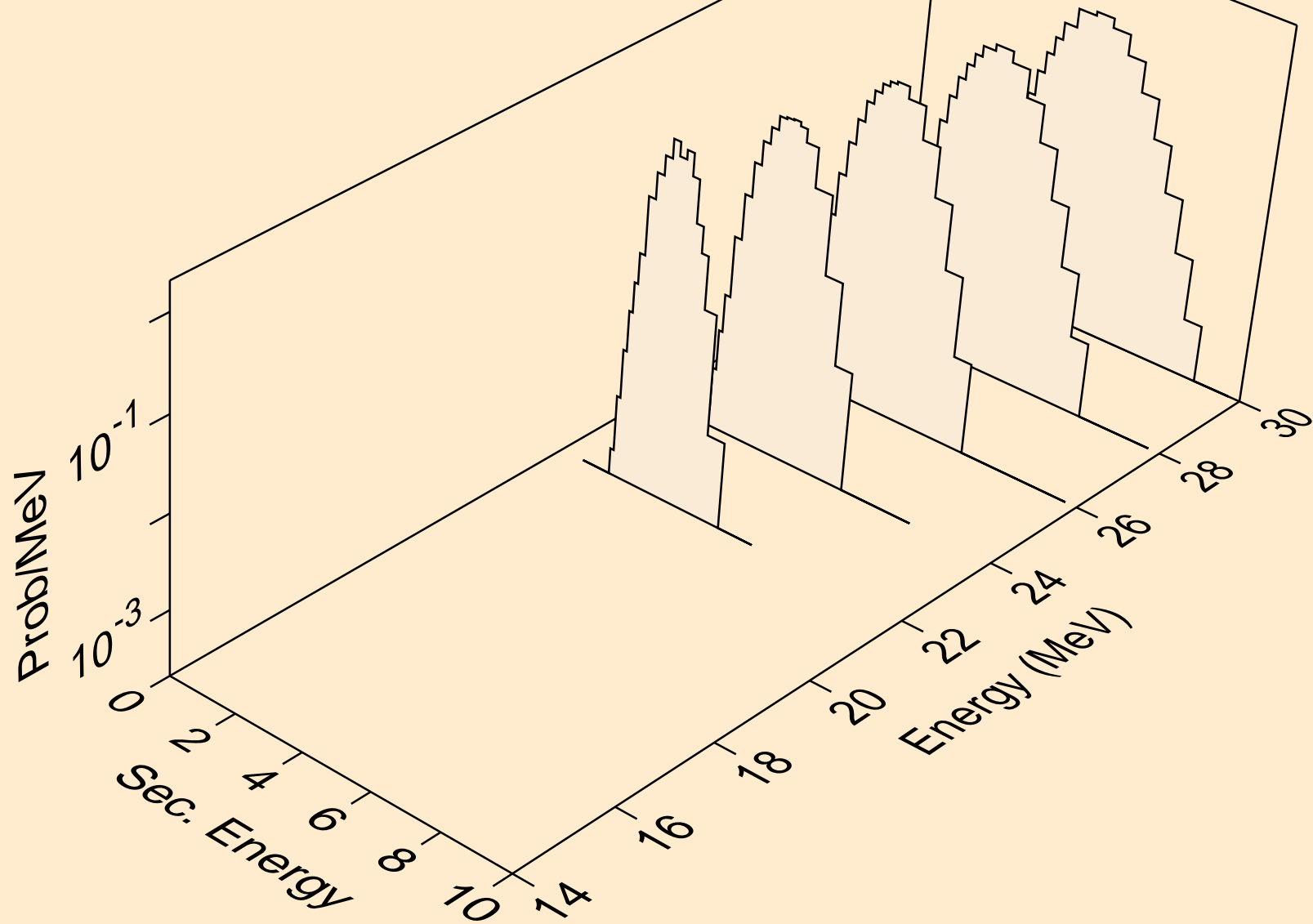
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Proton emission for (p,pa)



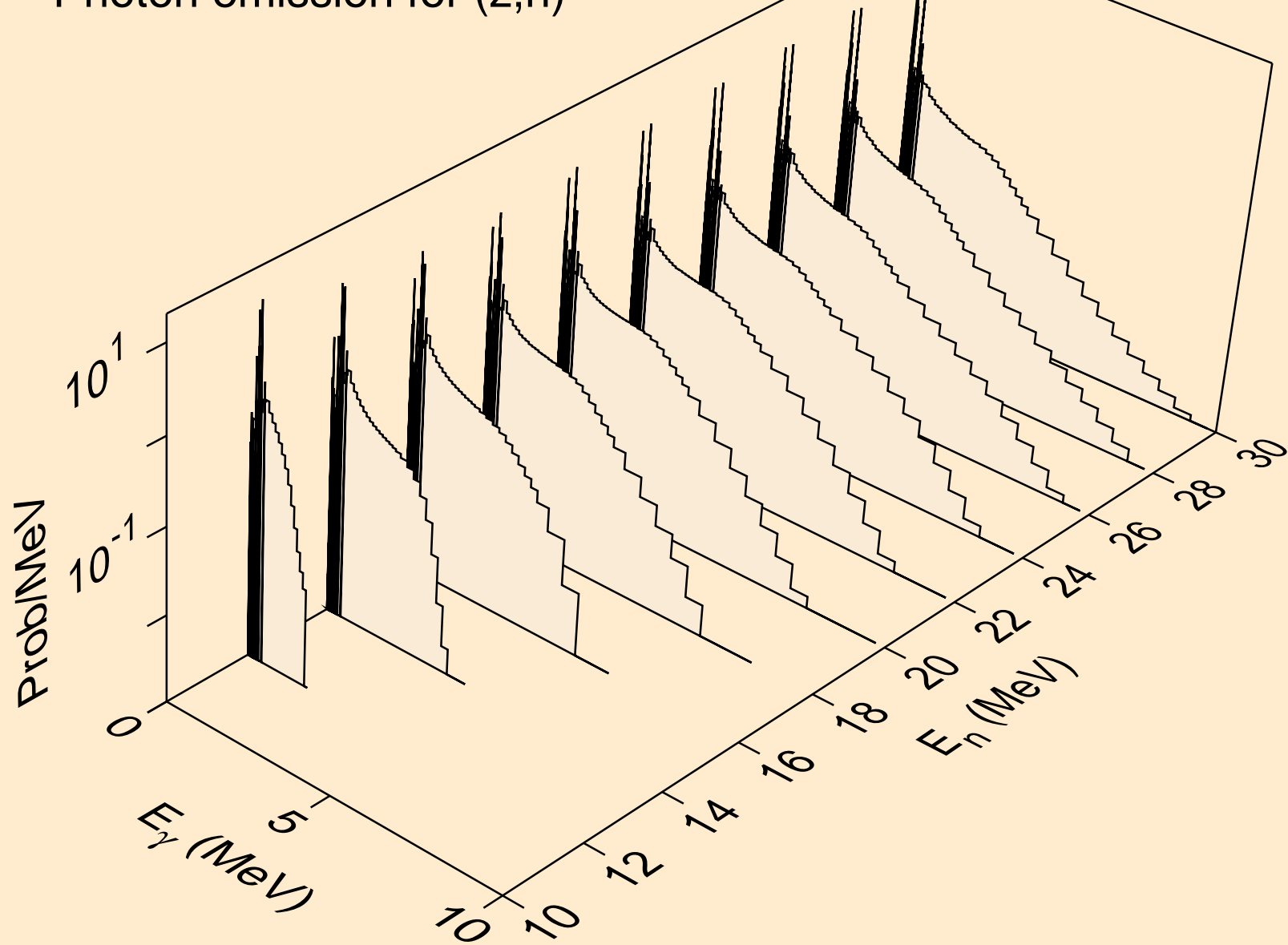
HF162 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pd)



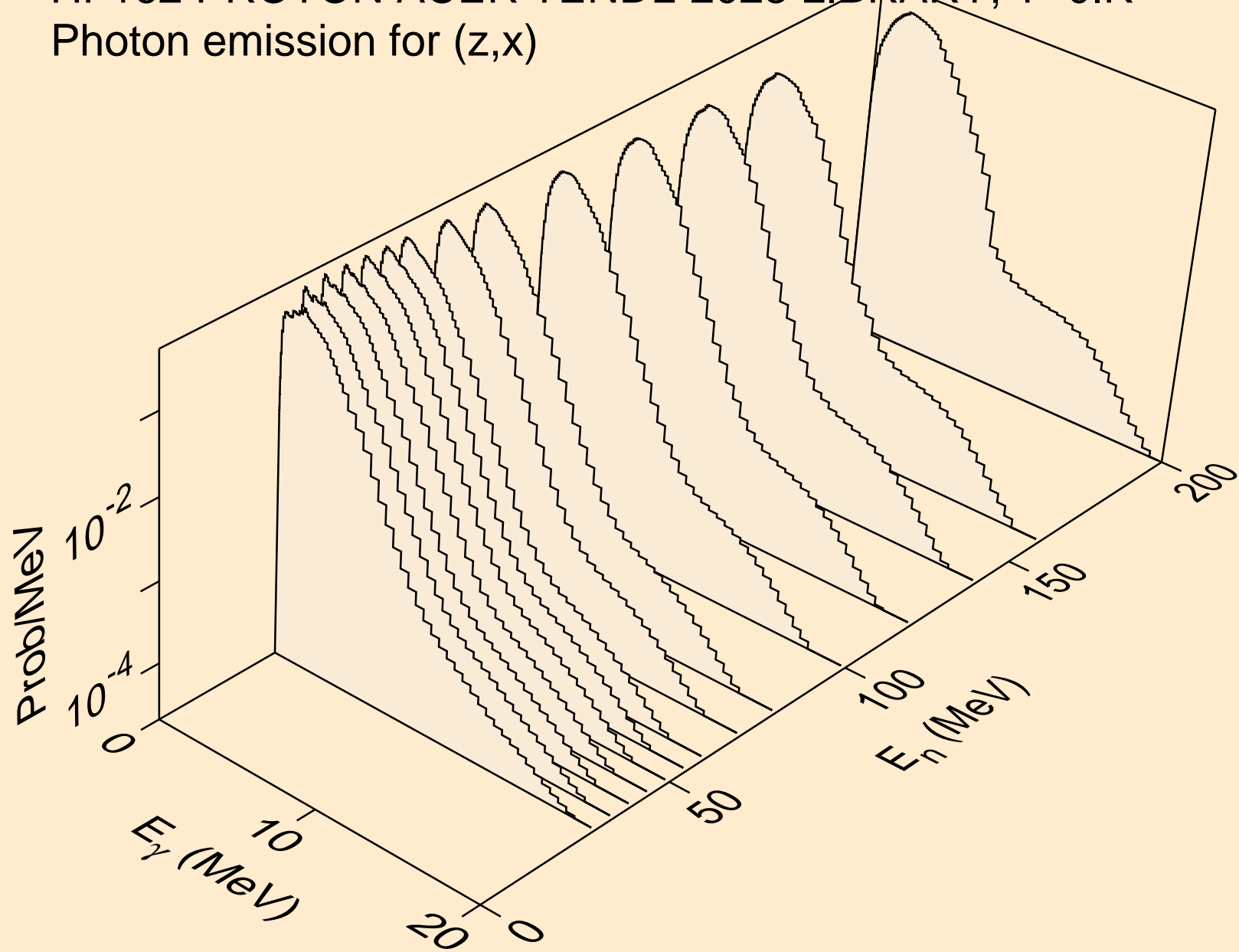
HF162 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pt)



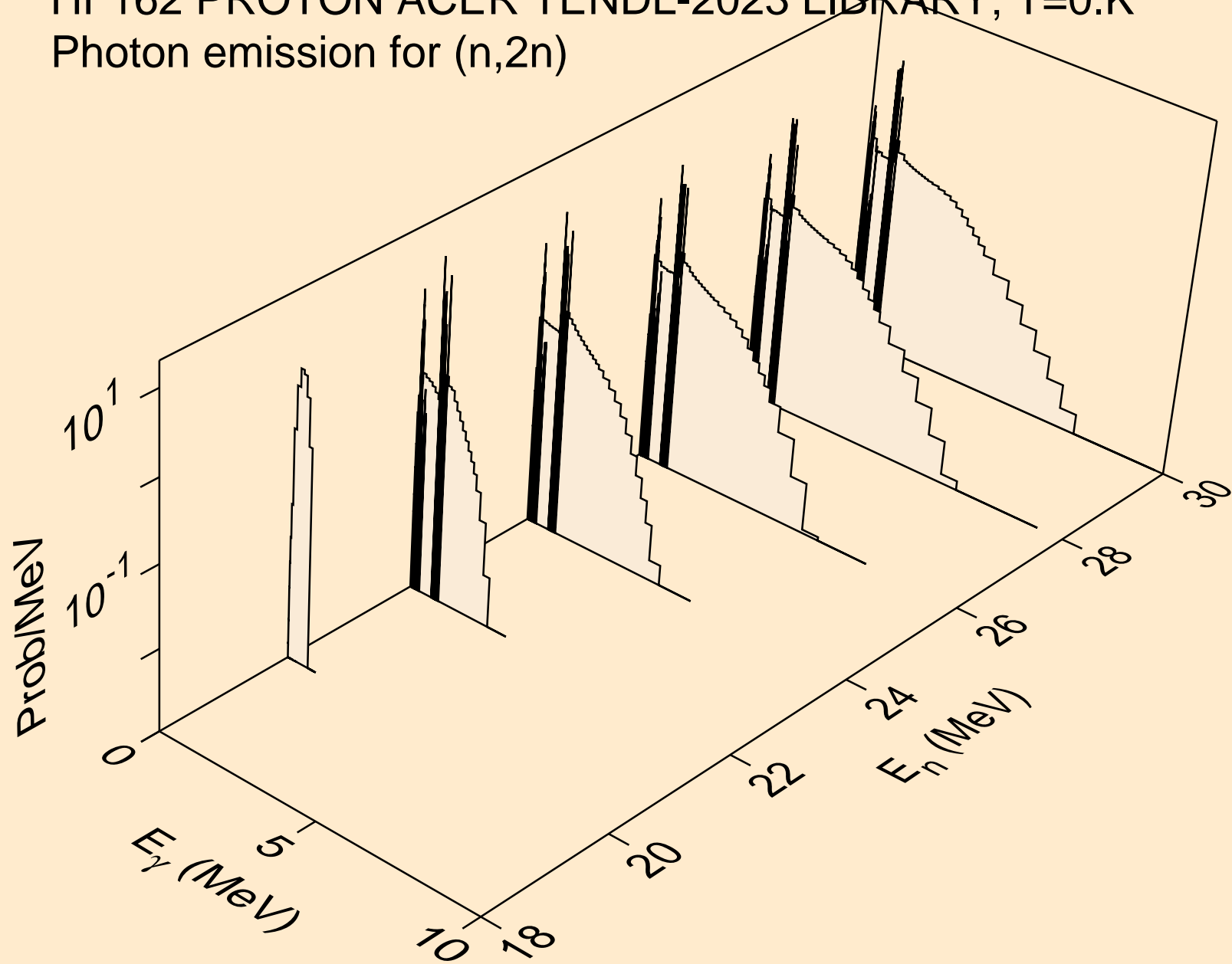
HF162 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



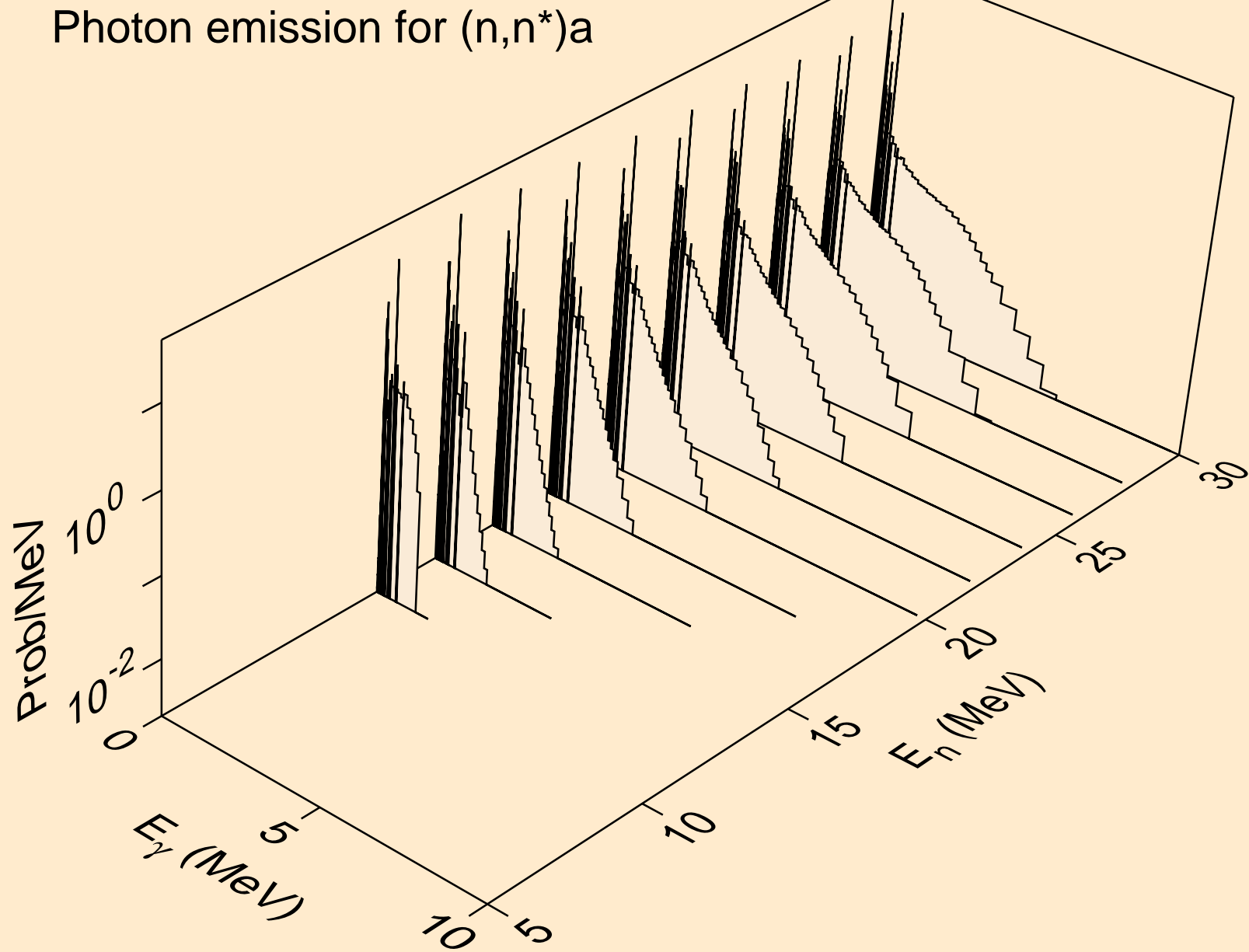
HF162 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



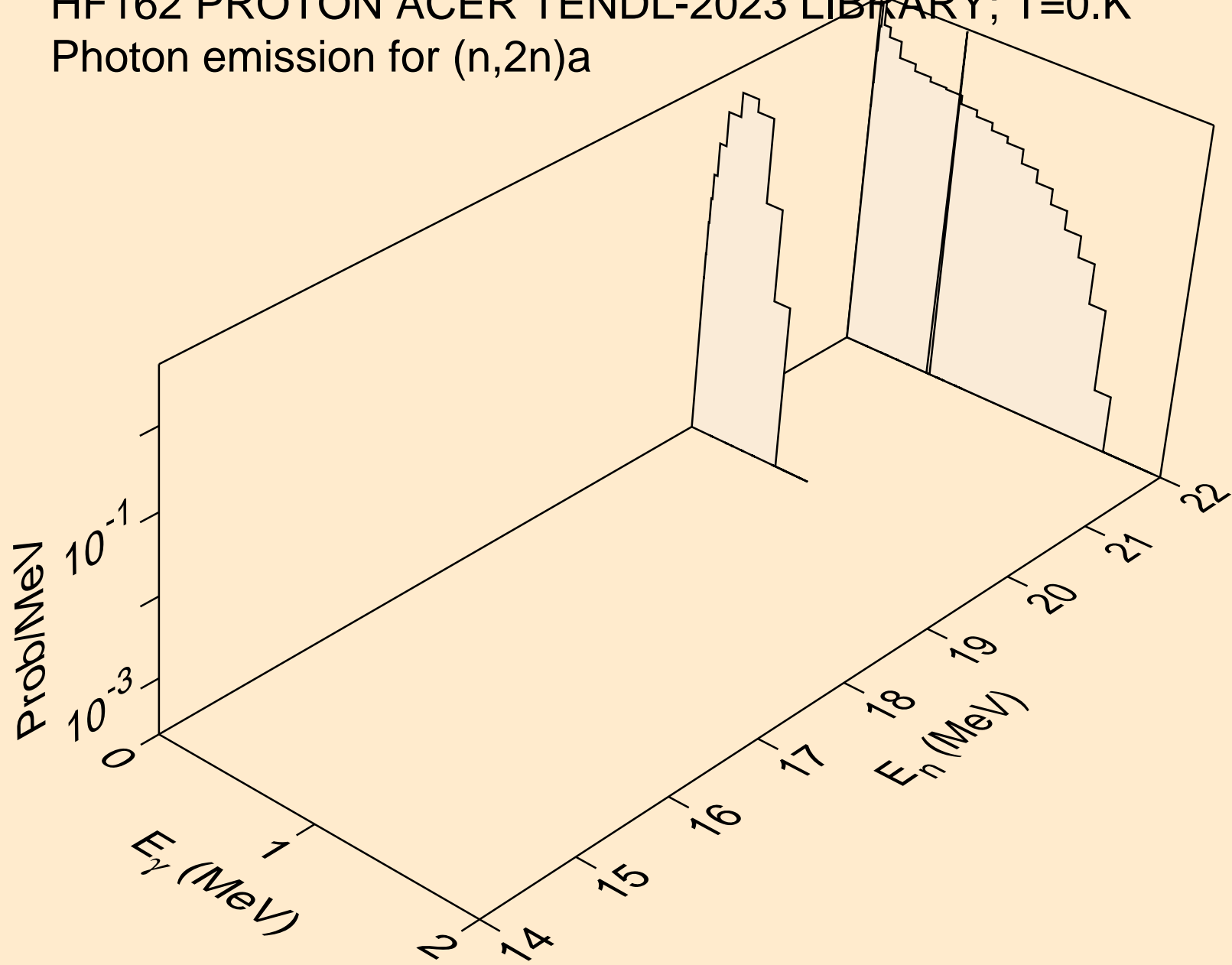
HF162 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



HF162 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

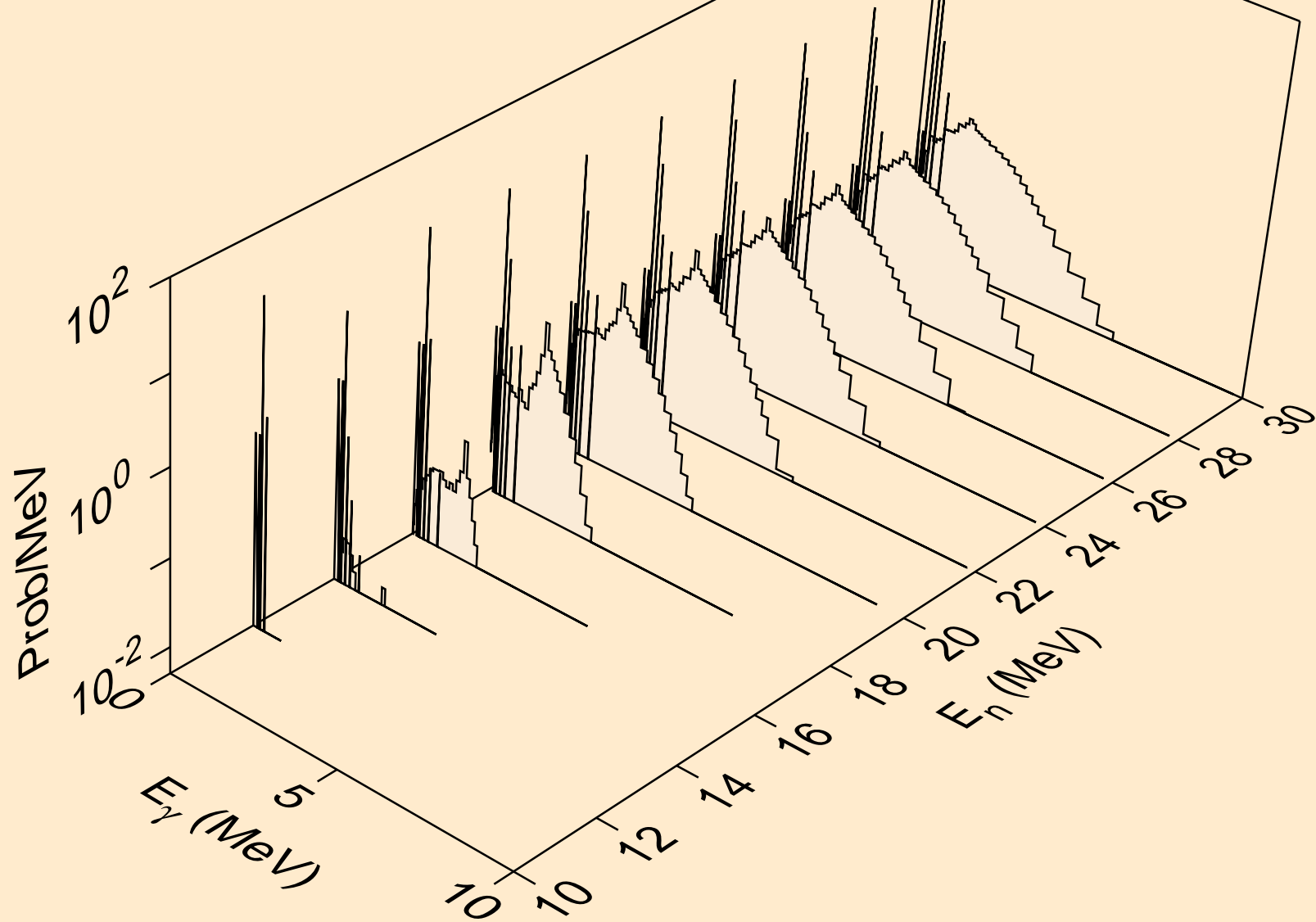


HF162 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

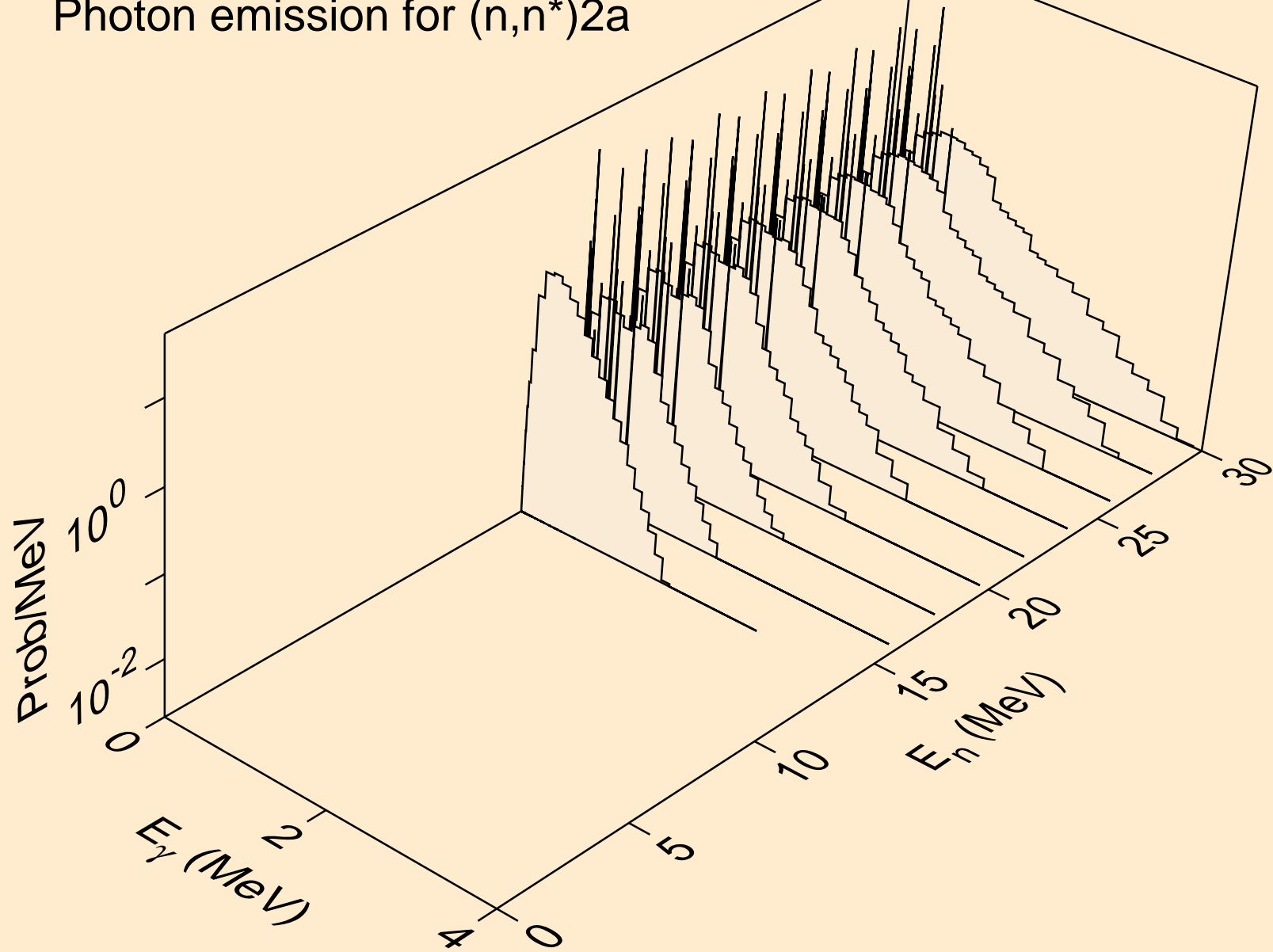




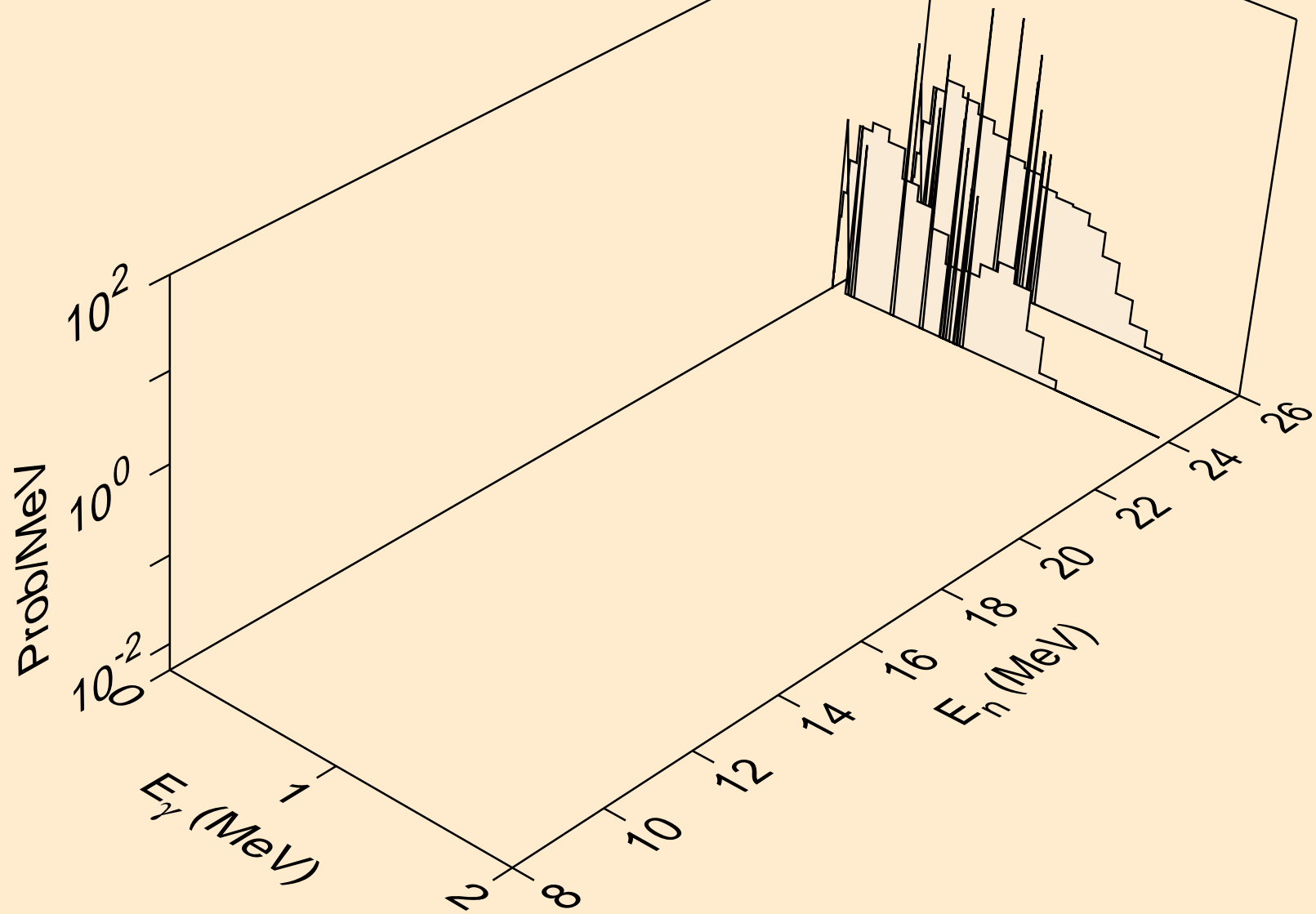
HF162 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



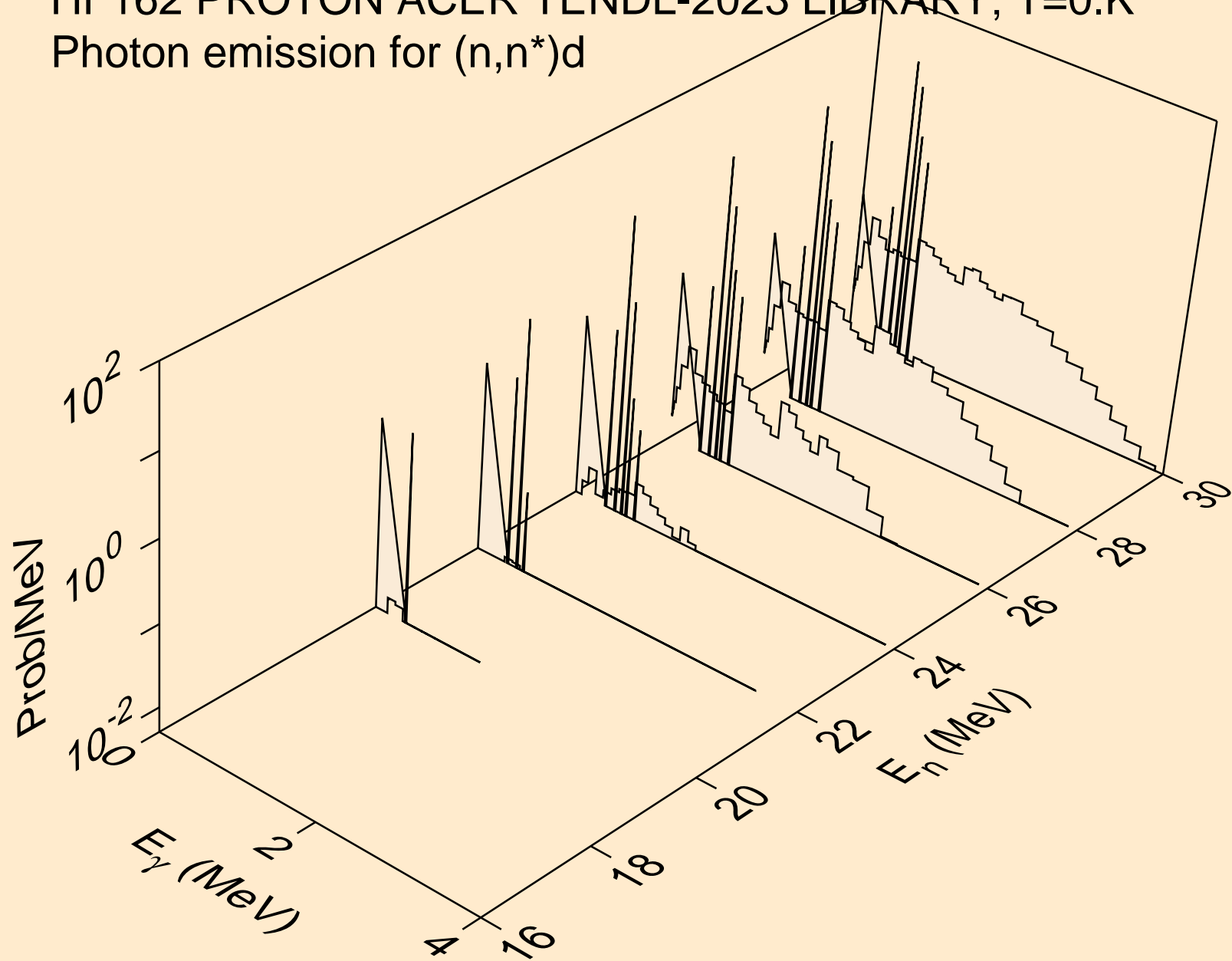
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Photon emission for (n,n\*)2a



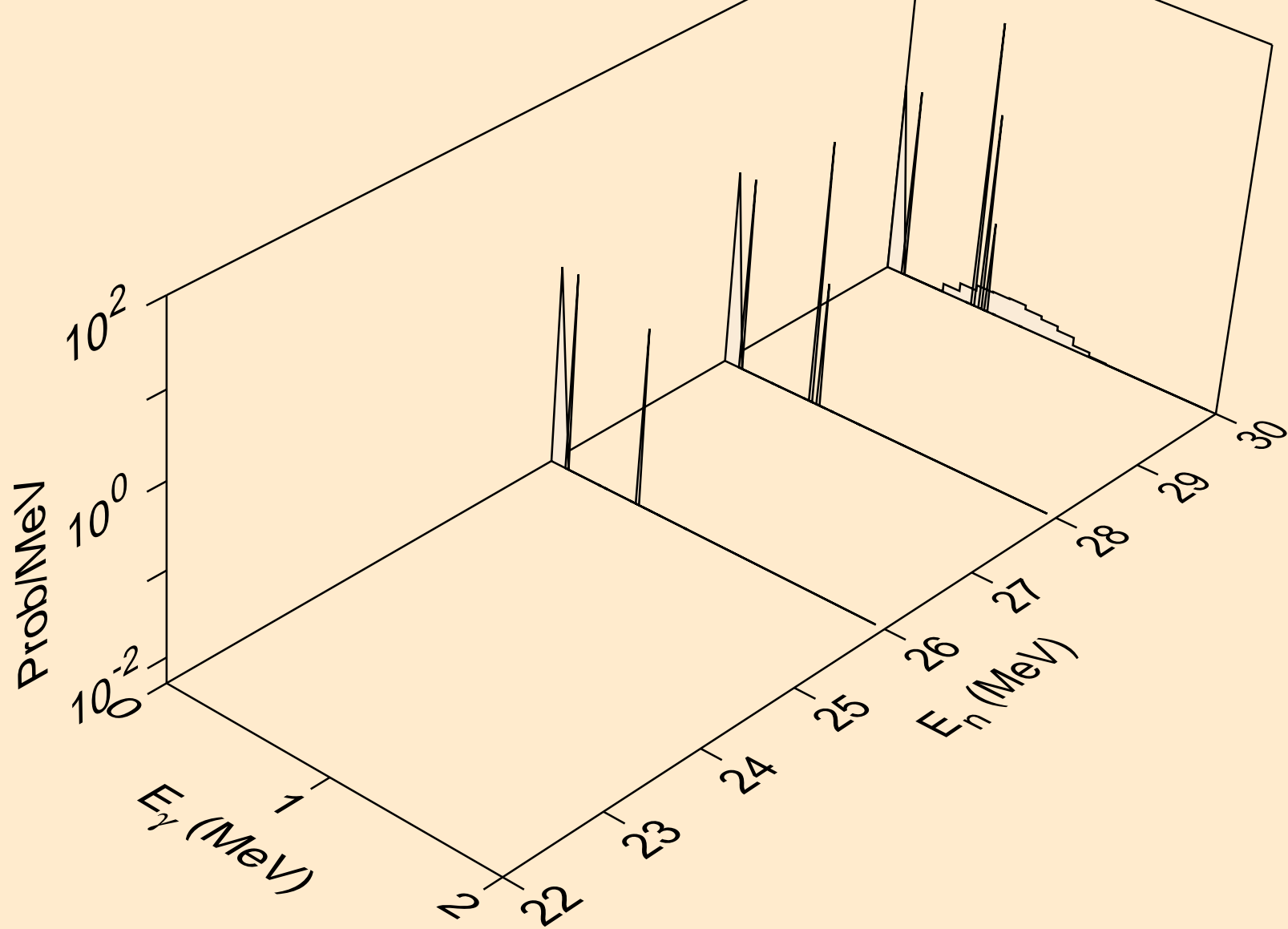
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Photon emission for (n,2n)2a



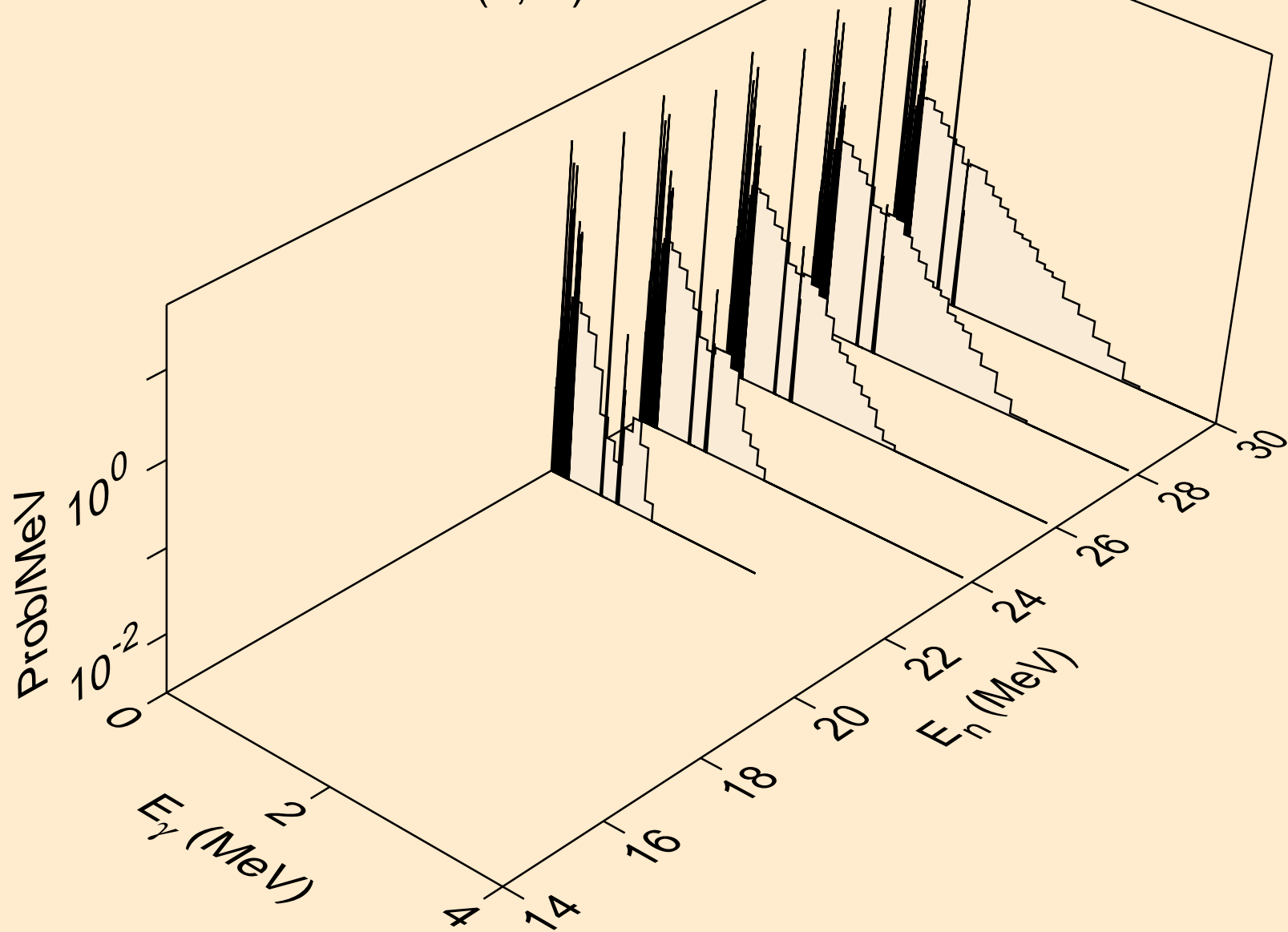
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Photon emission for (n,n\*)d



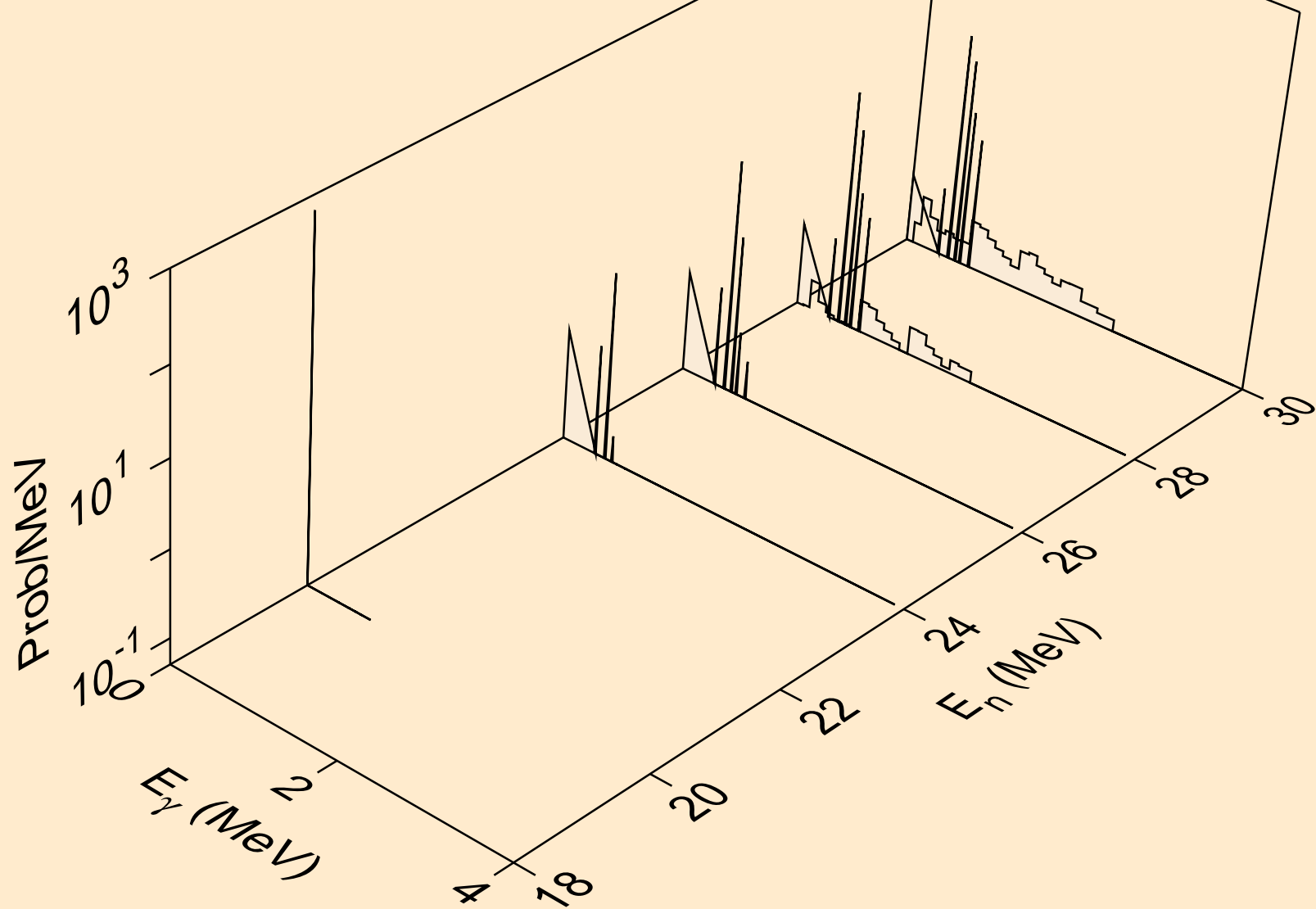
HF162 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



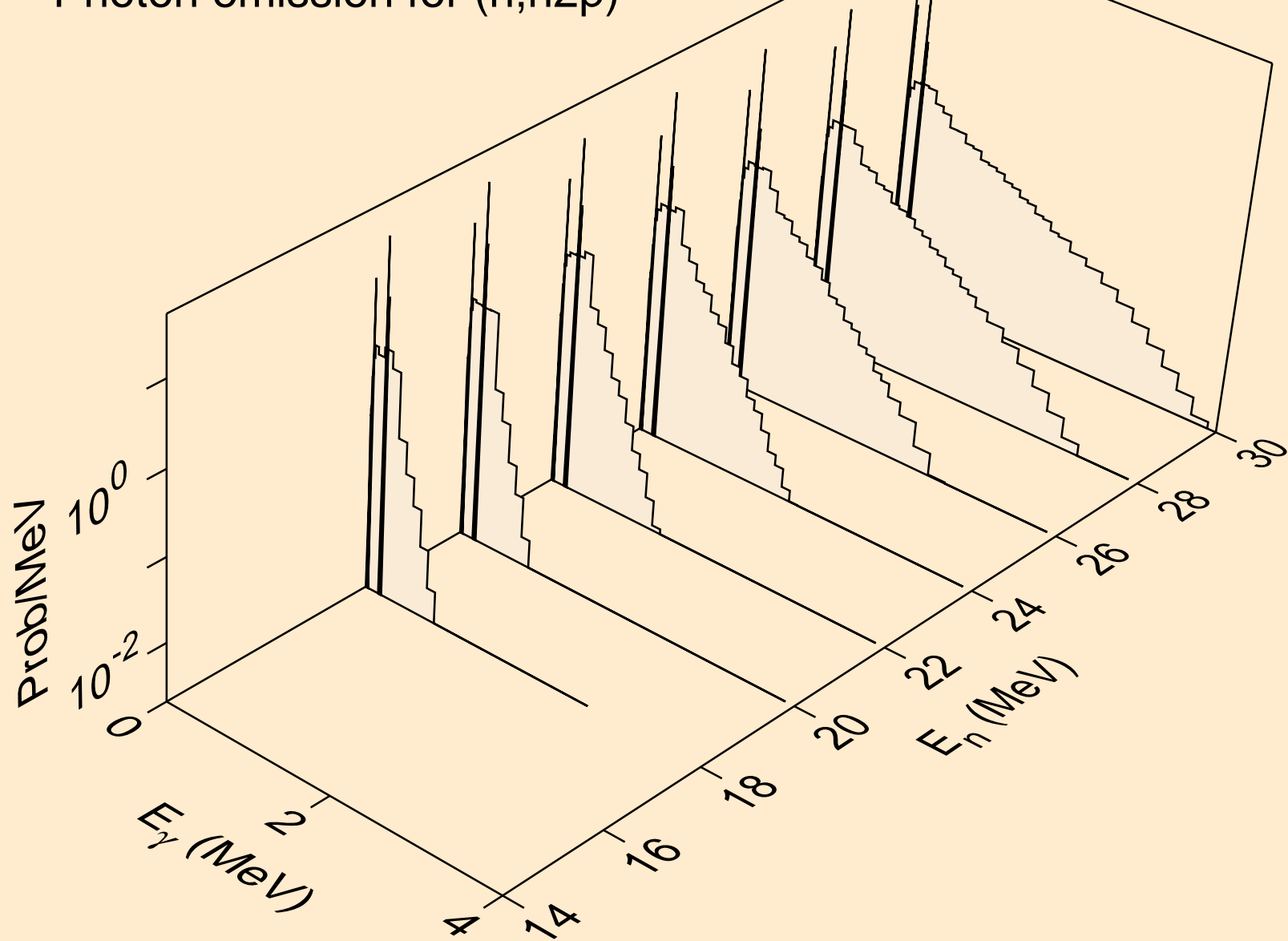
HF162 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



HF162 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

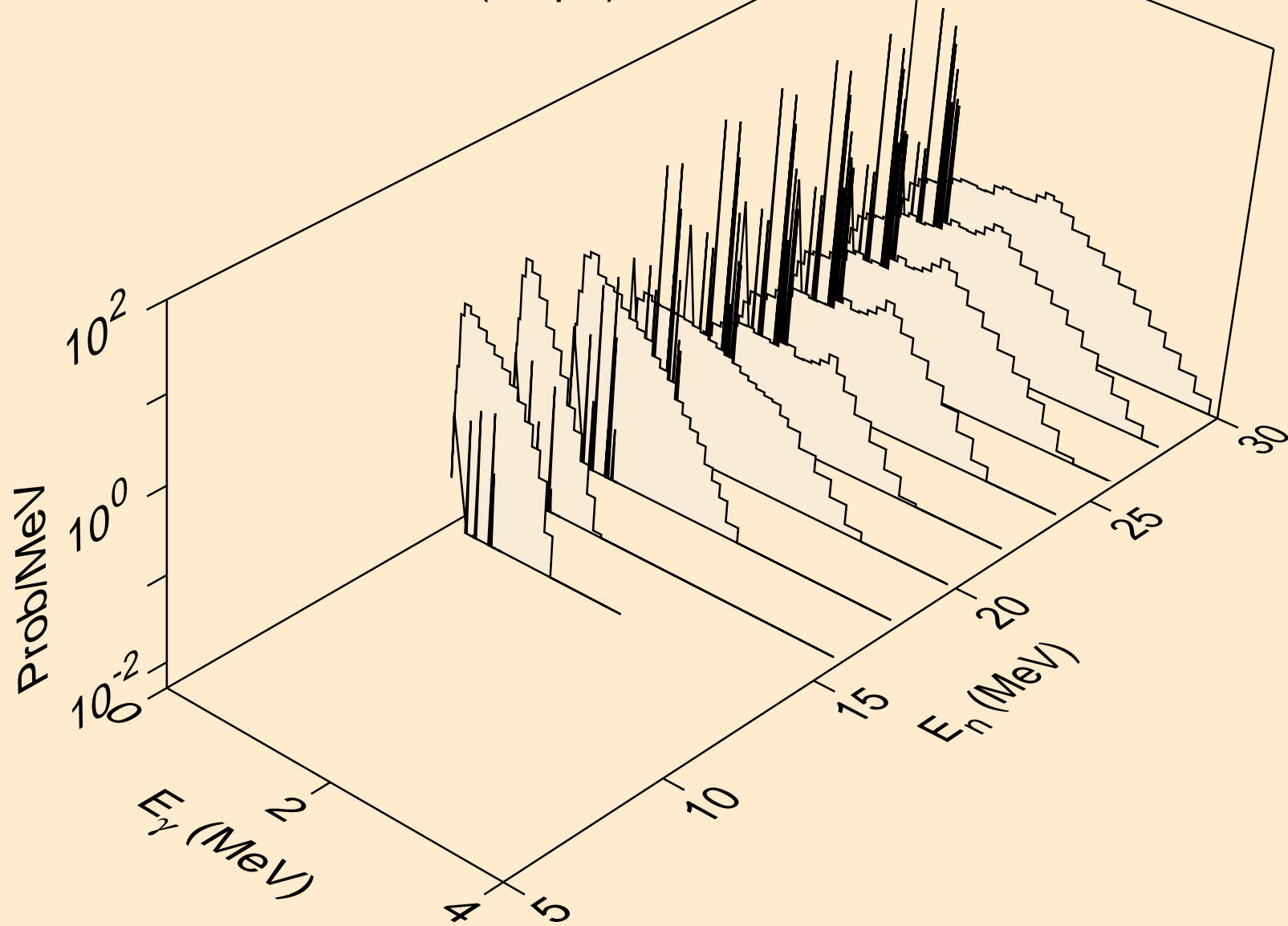


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Photon emission for (n,n2p)

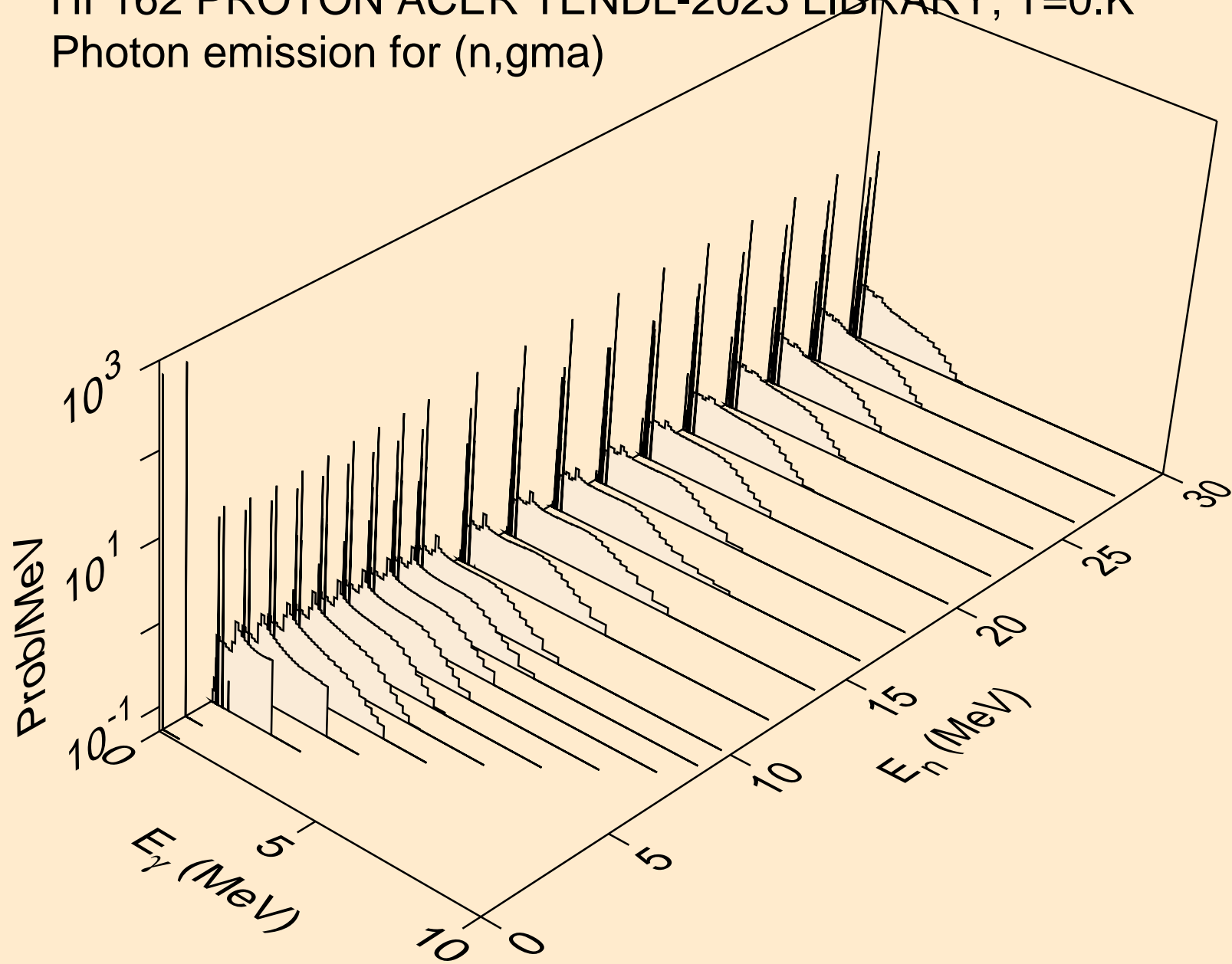




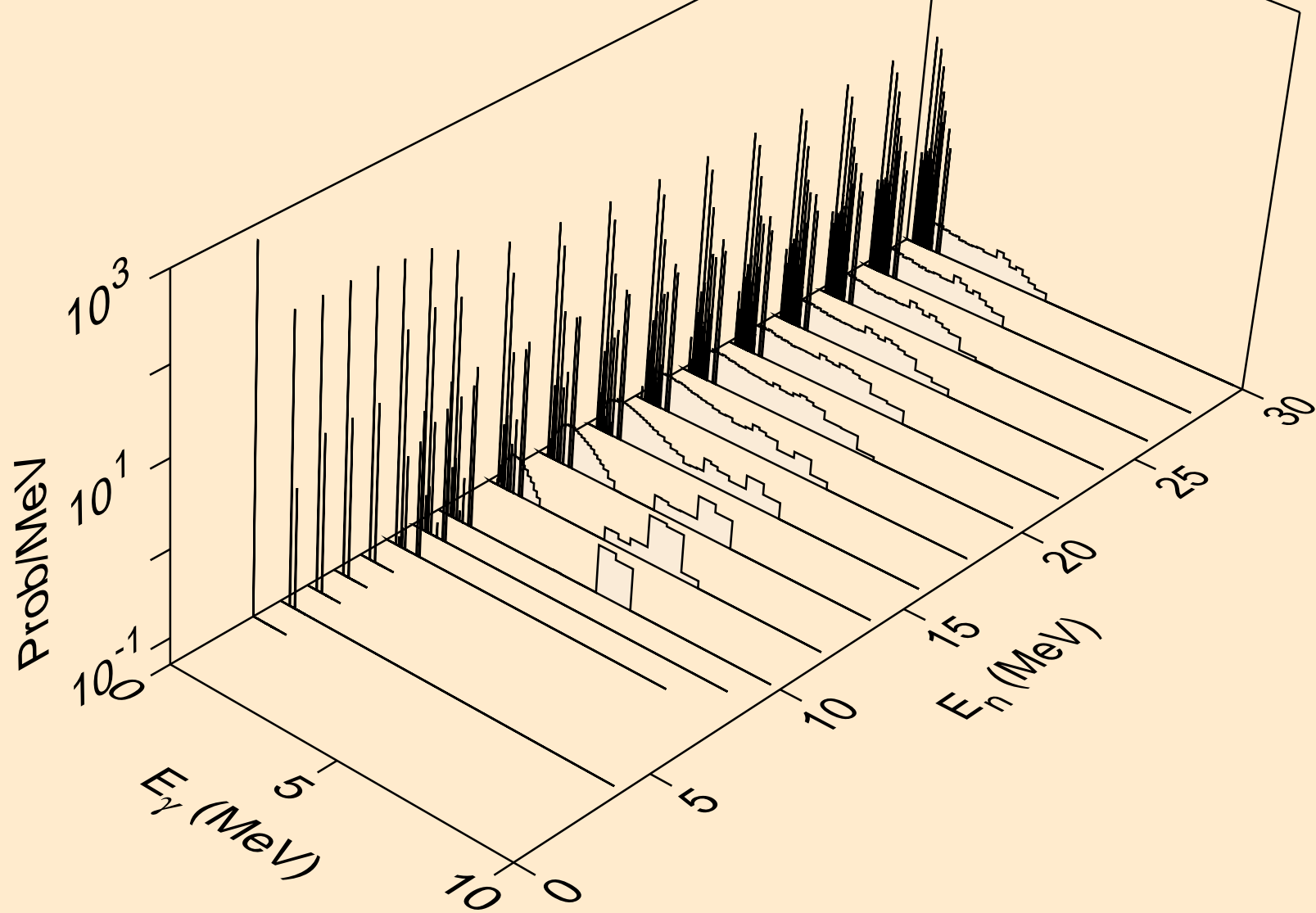
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Photon emission for (n,npa)



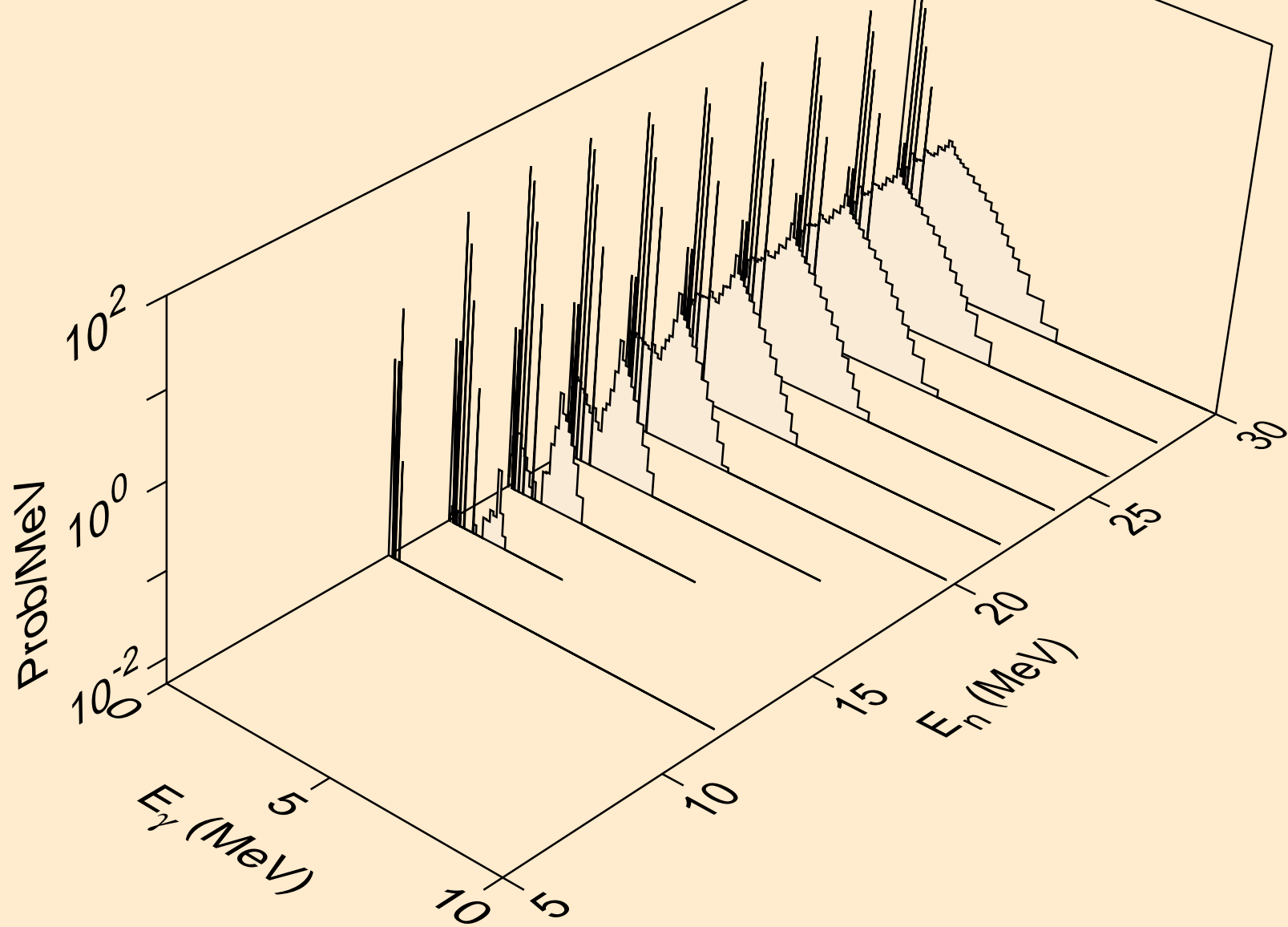
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Photon emission for (n,gma)



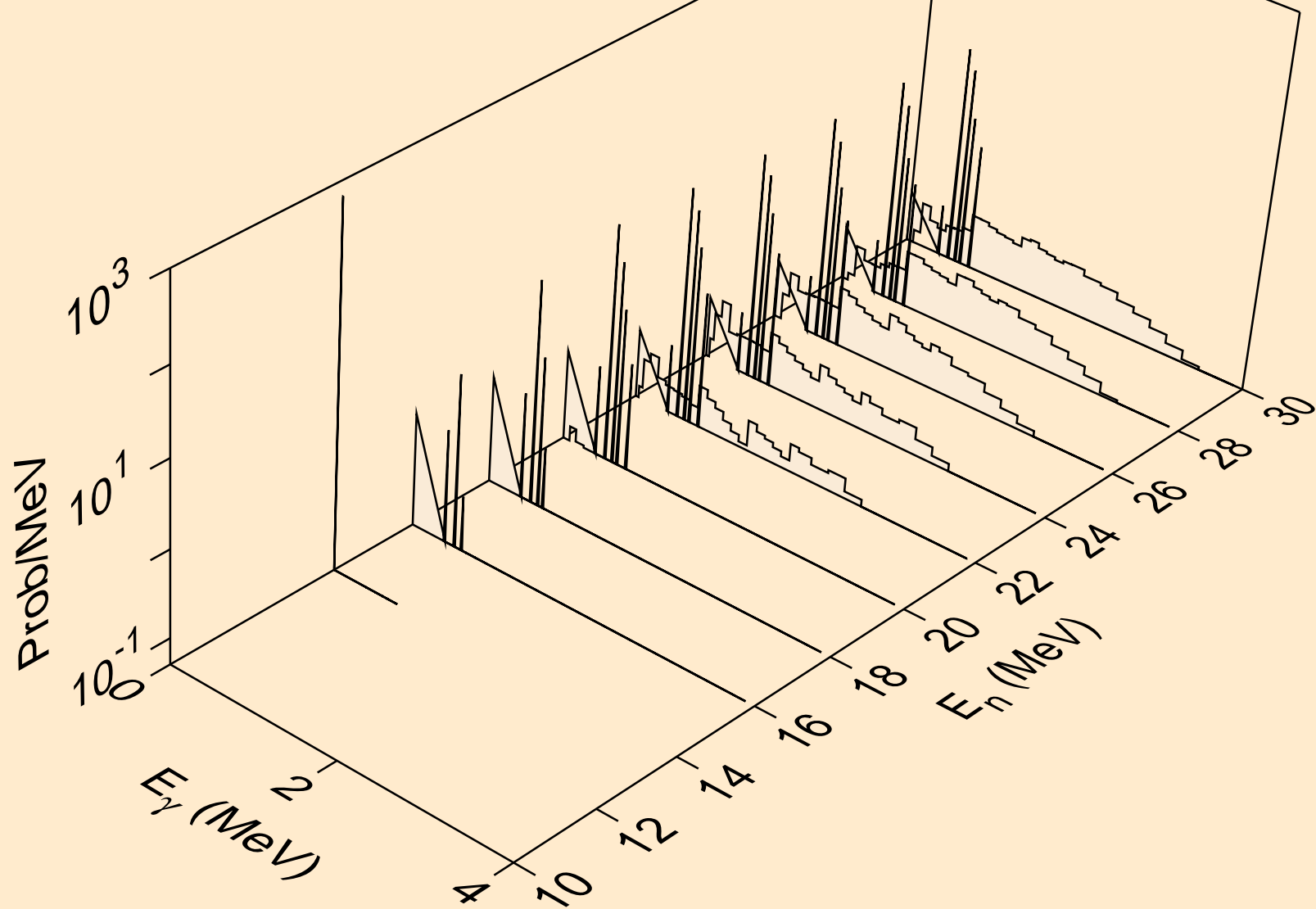
HF162 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



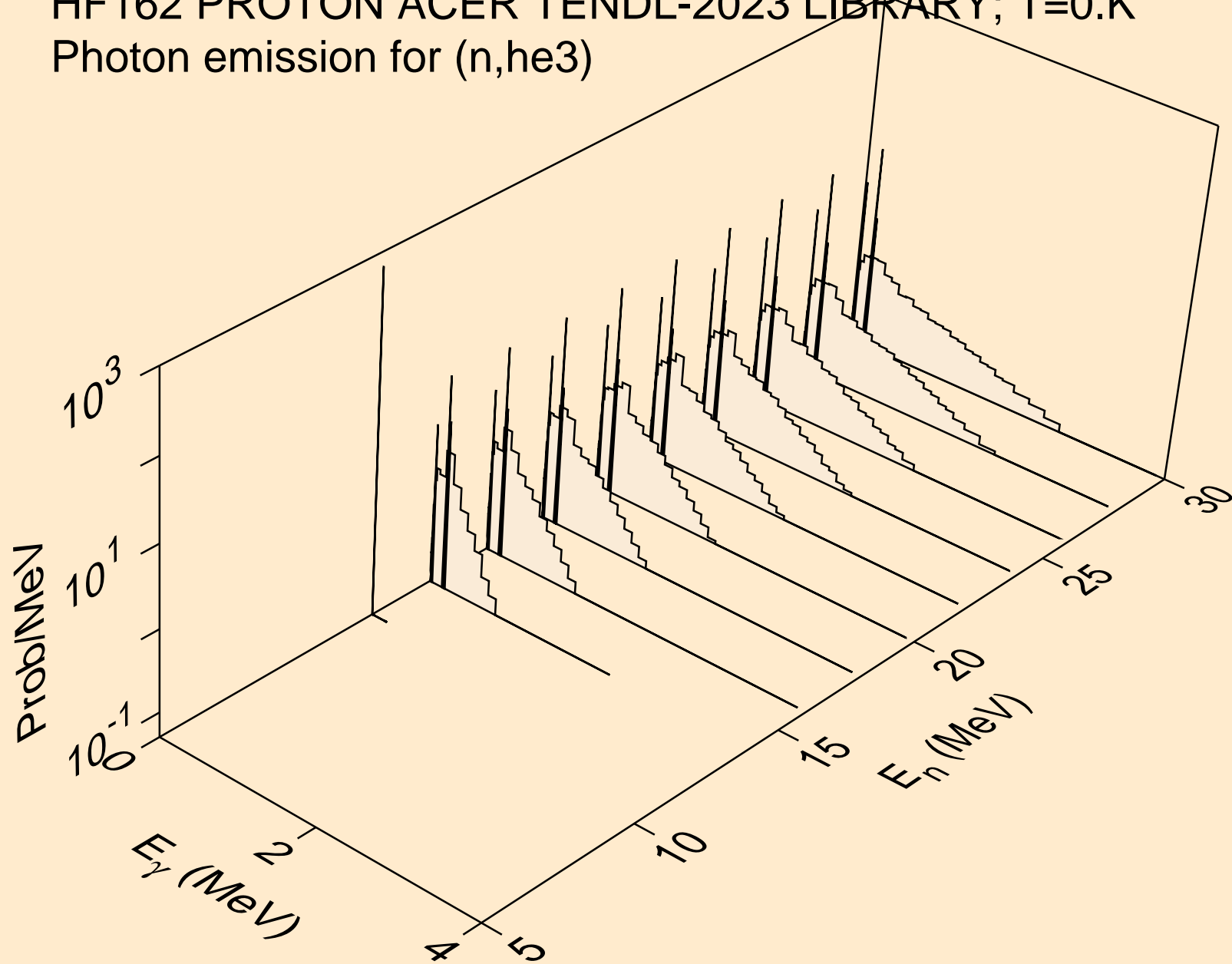
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Photon emission for (n,d)



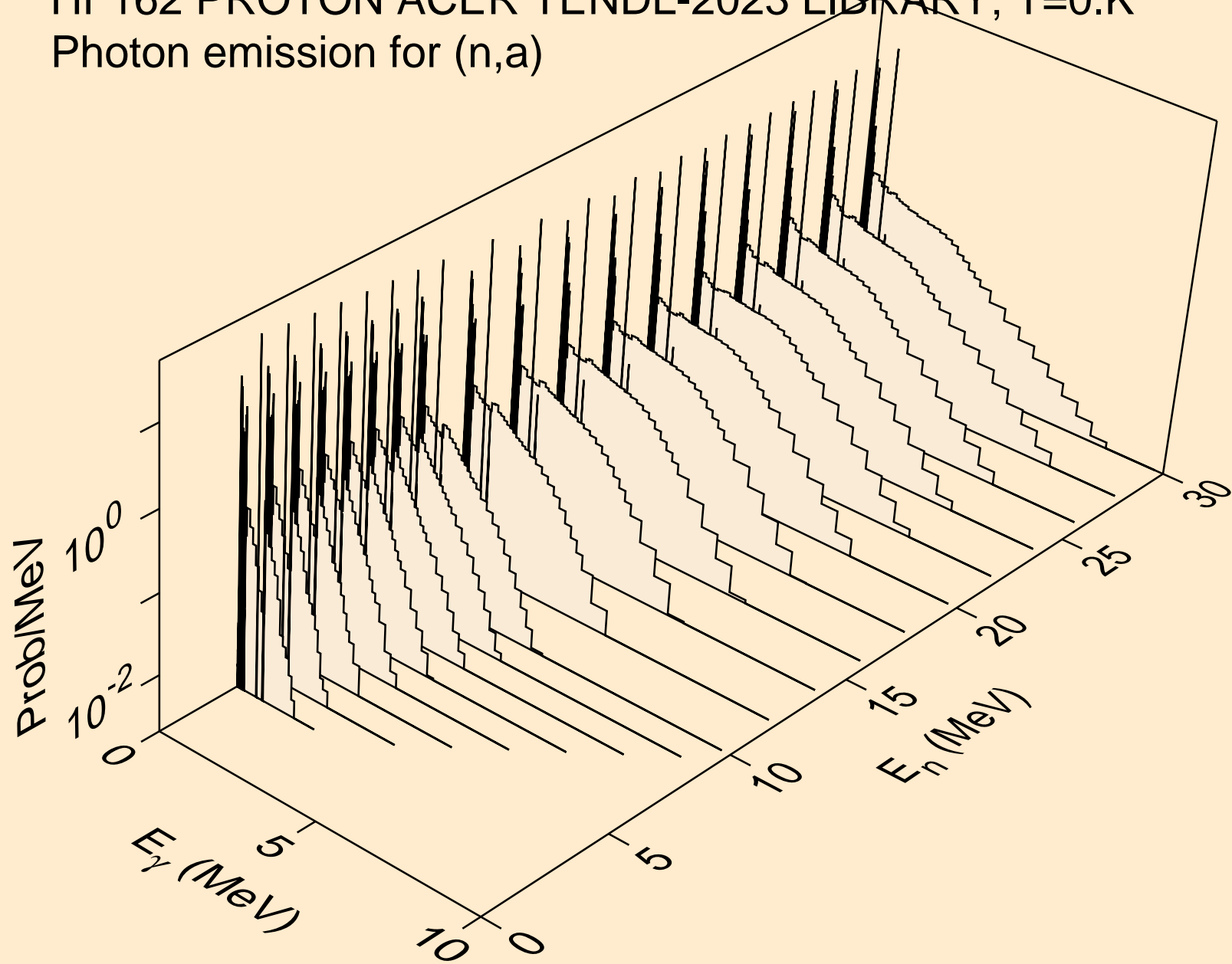
HF162 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



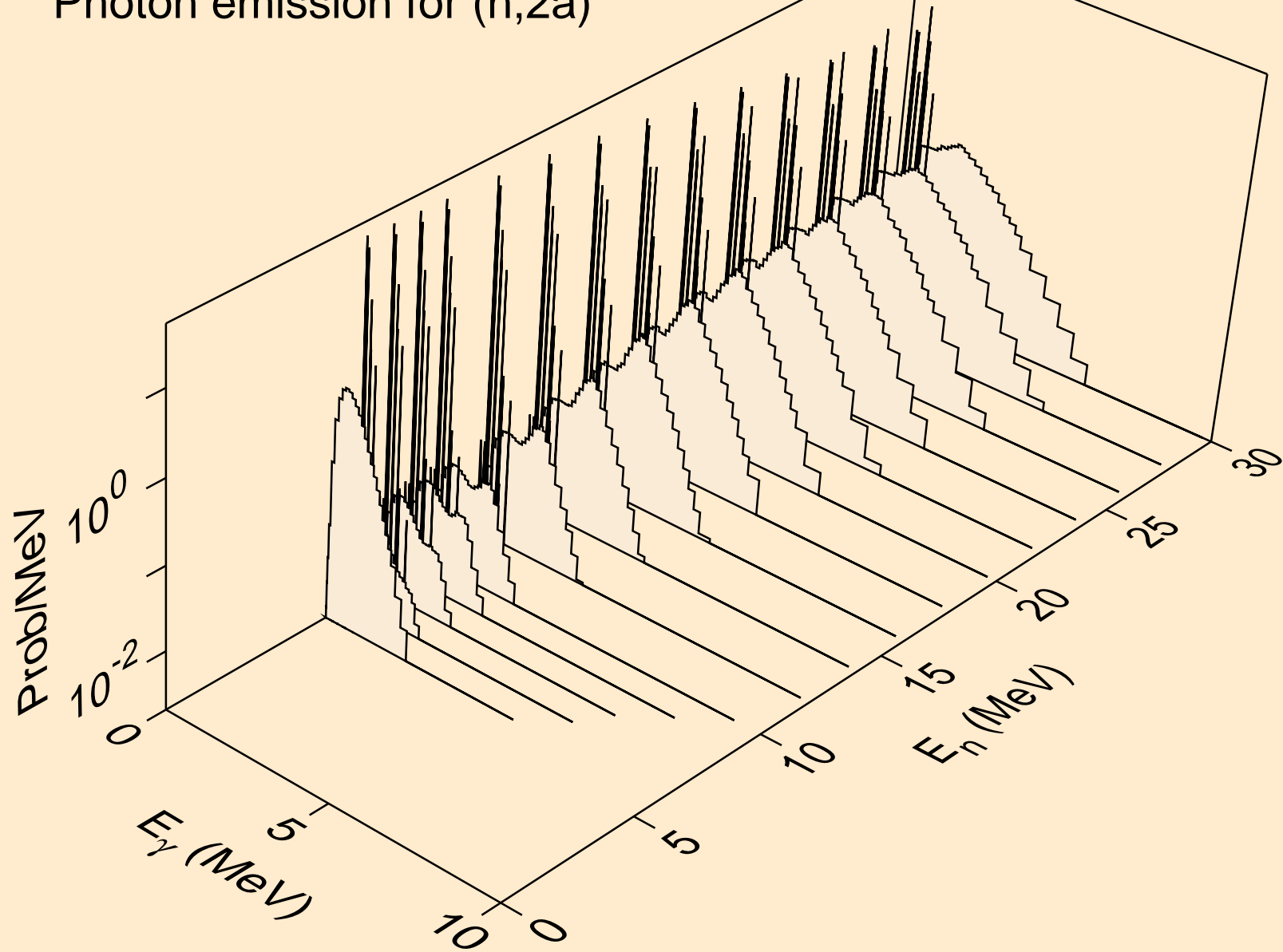
HF162 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



HF162 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)

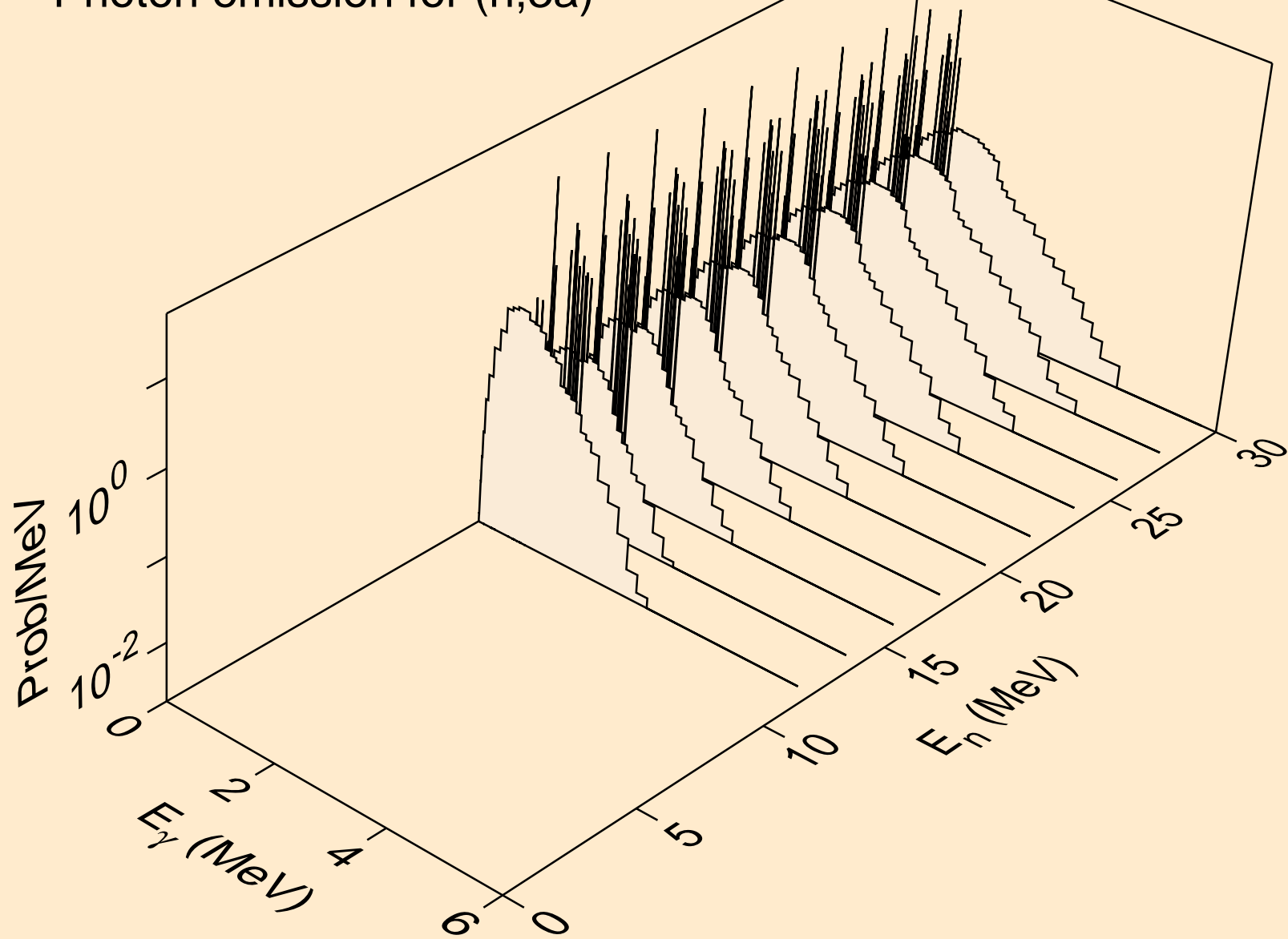


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Photon emission for (n,2a)

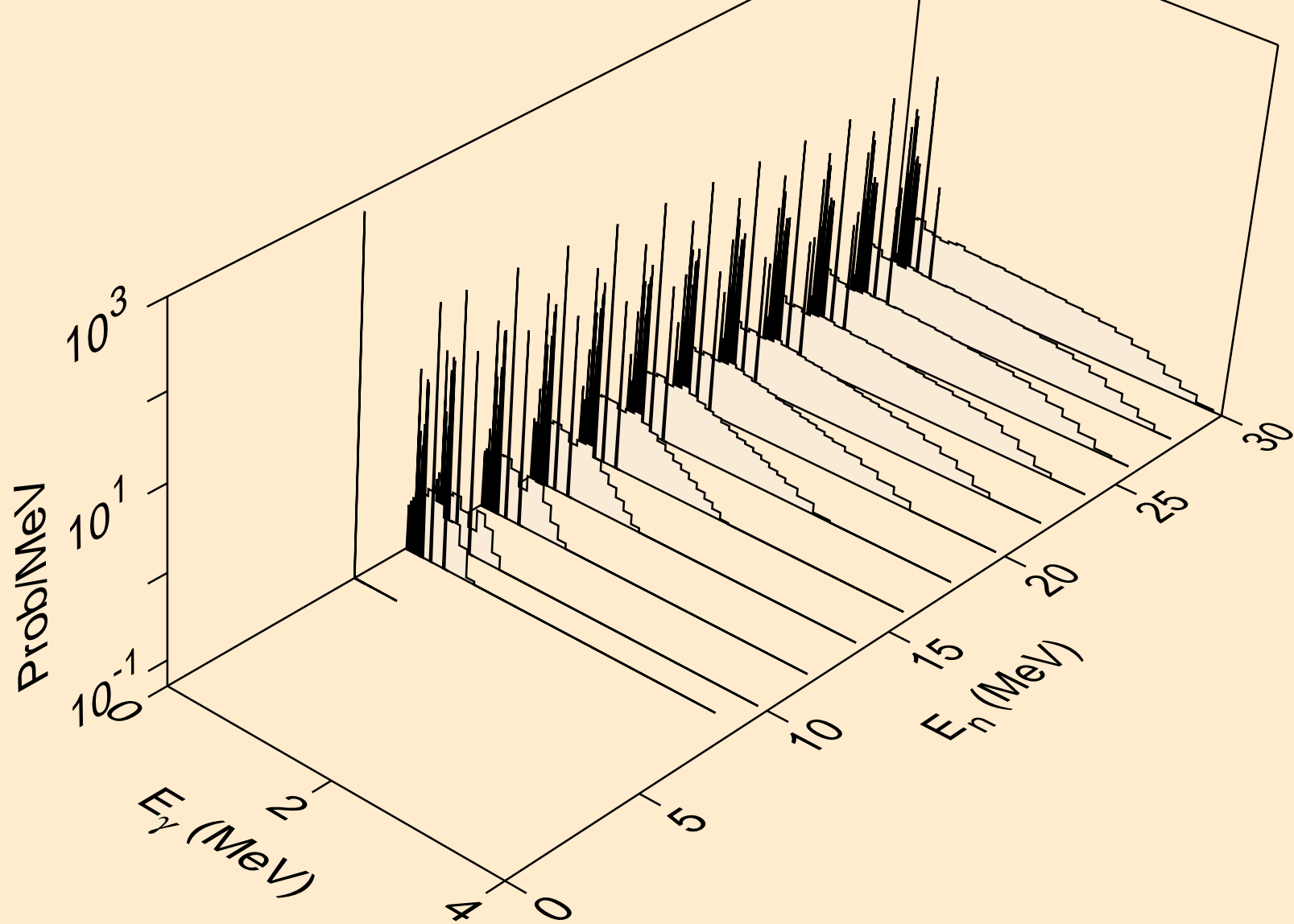




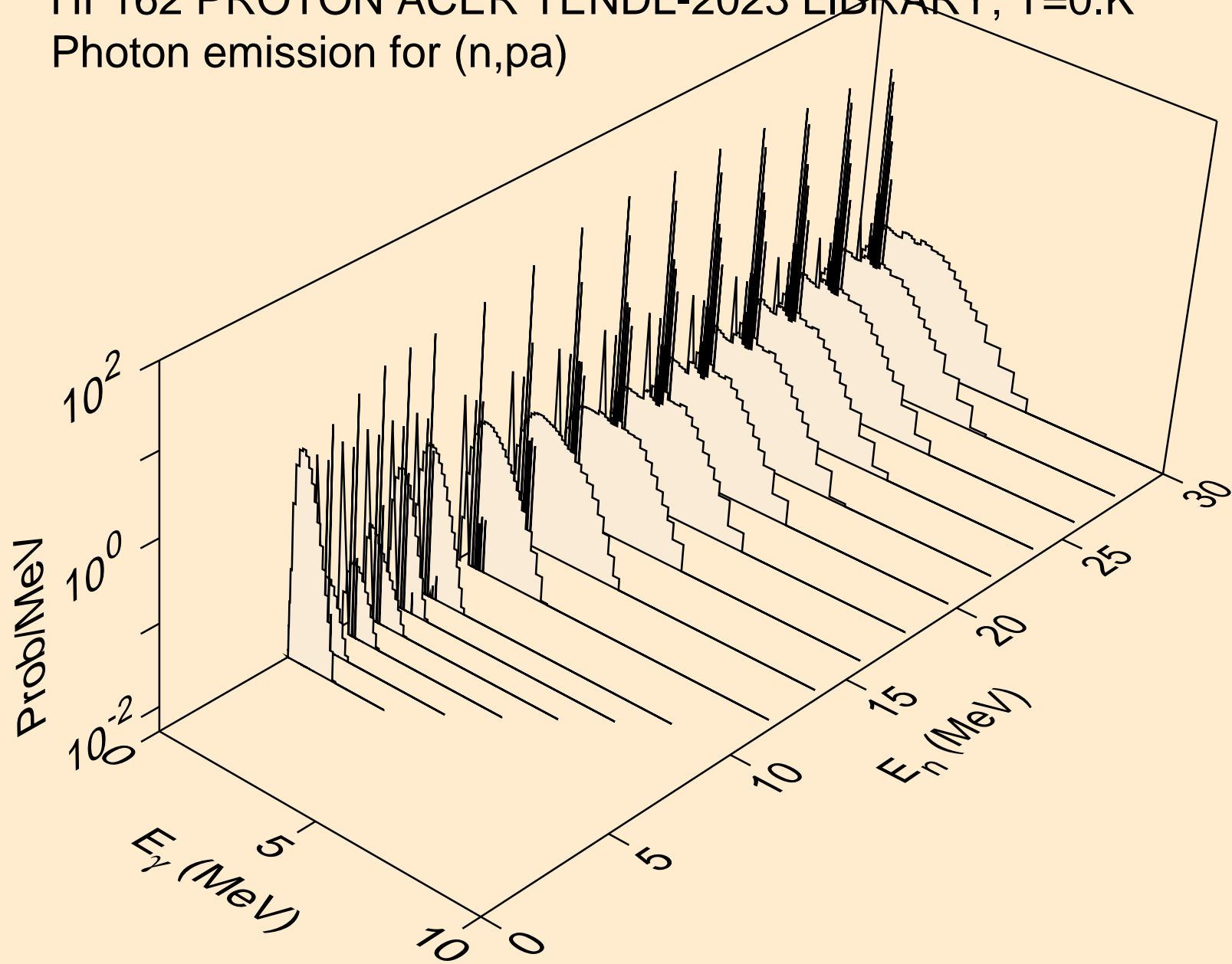
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Photon emission for (n,3a)



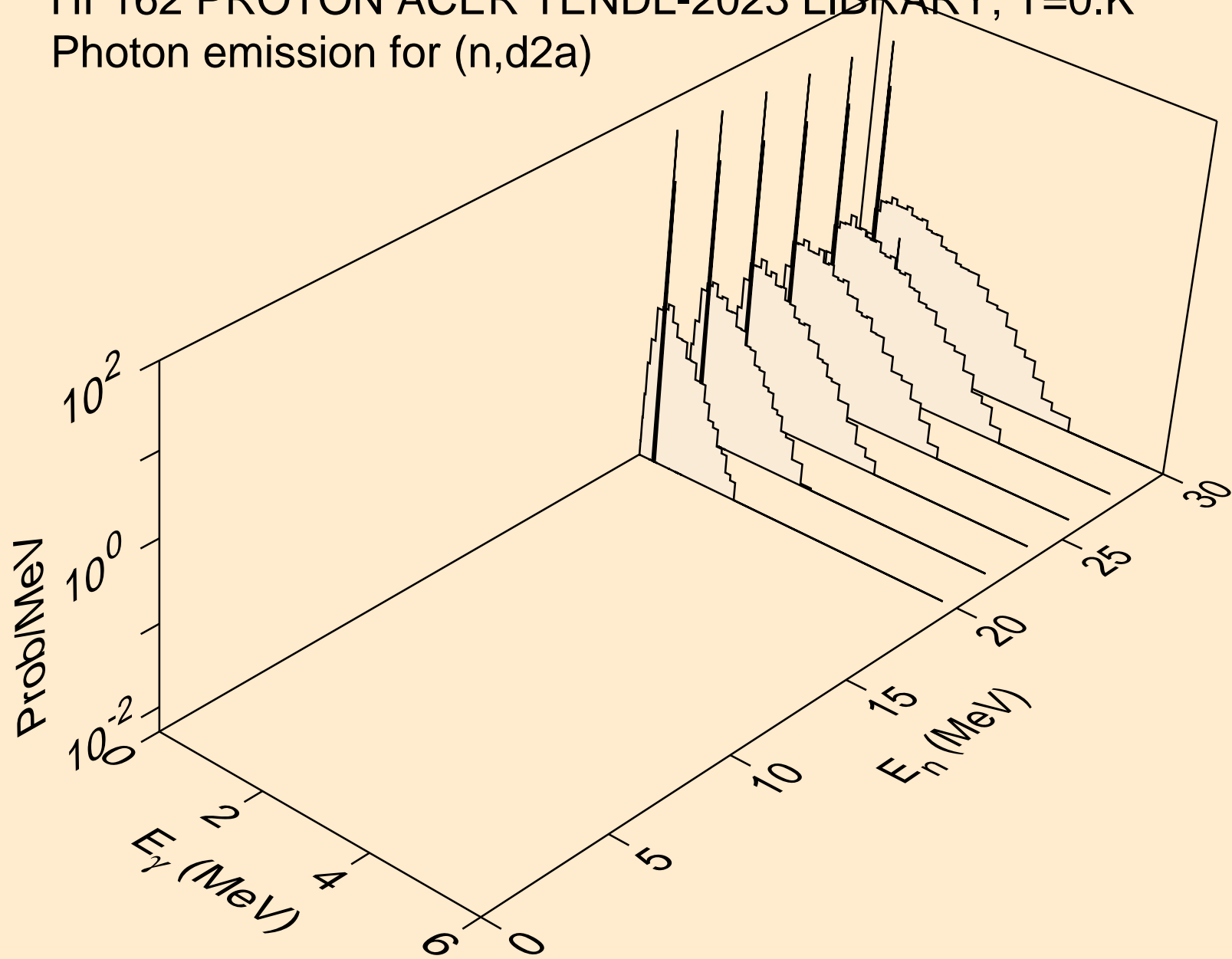
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Photon emission for (n,2p)



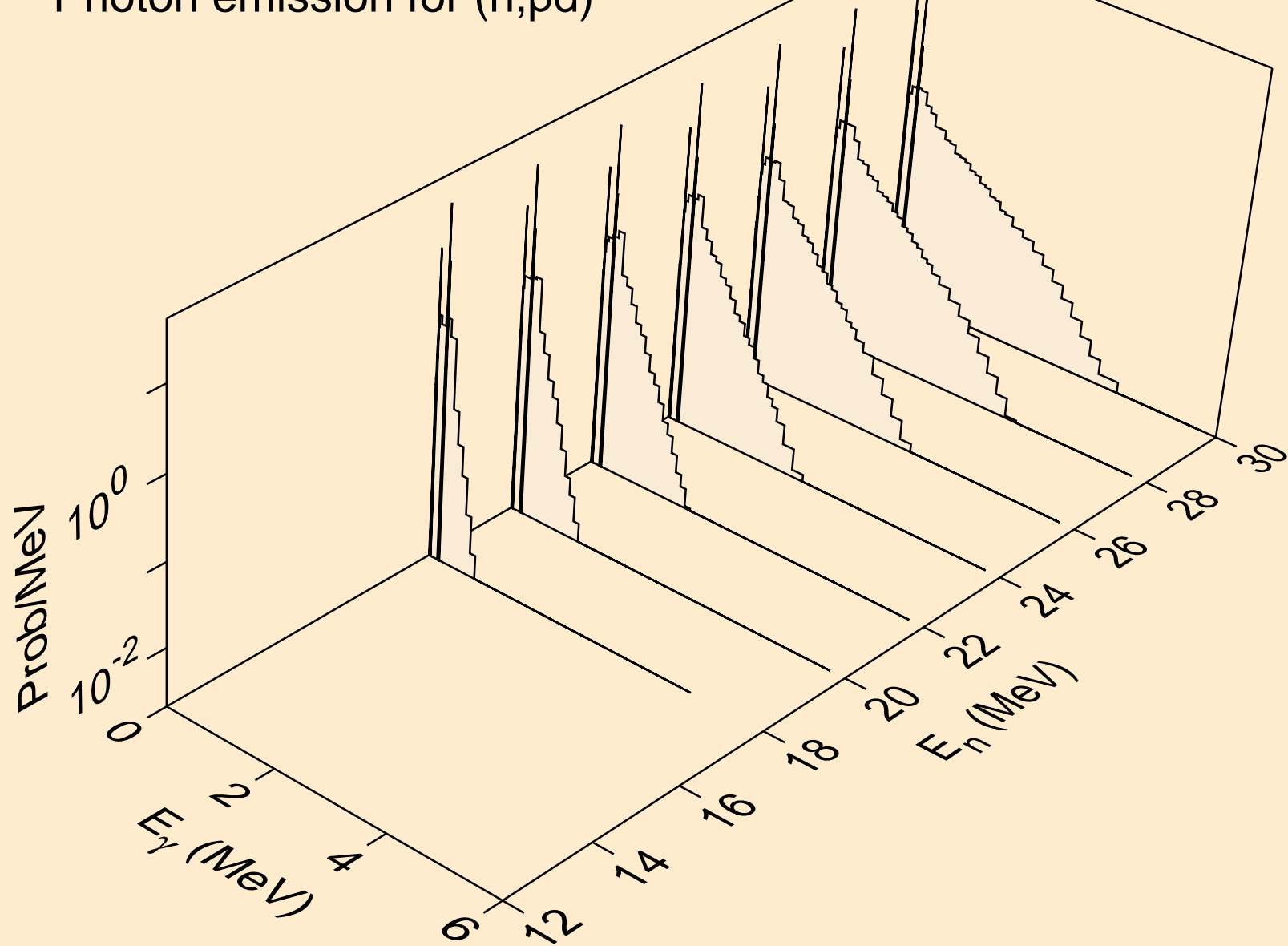
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Photon emission for (n,pa)



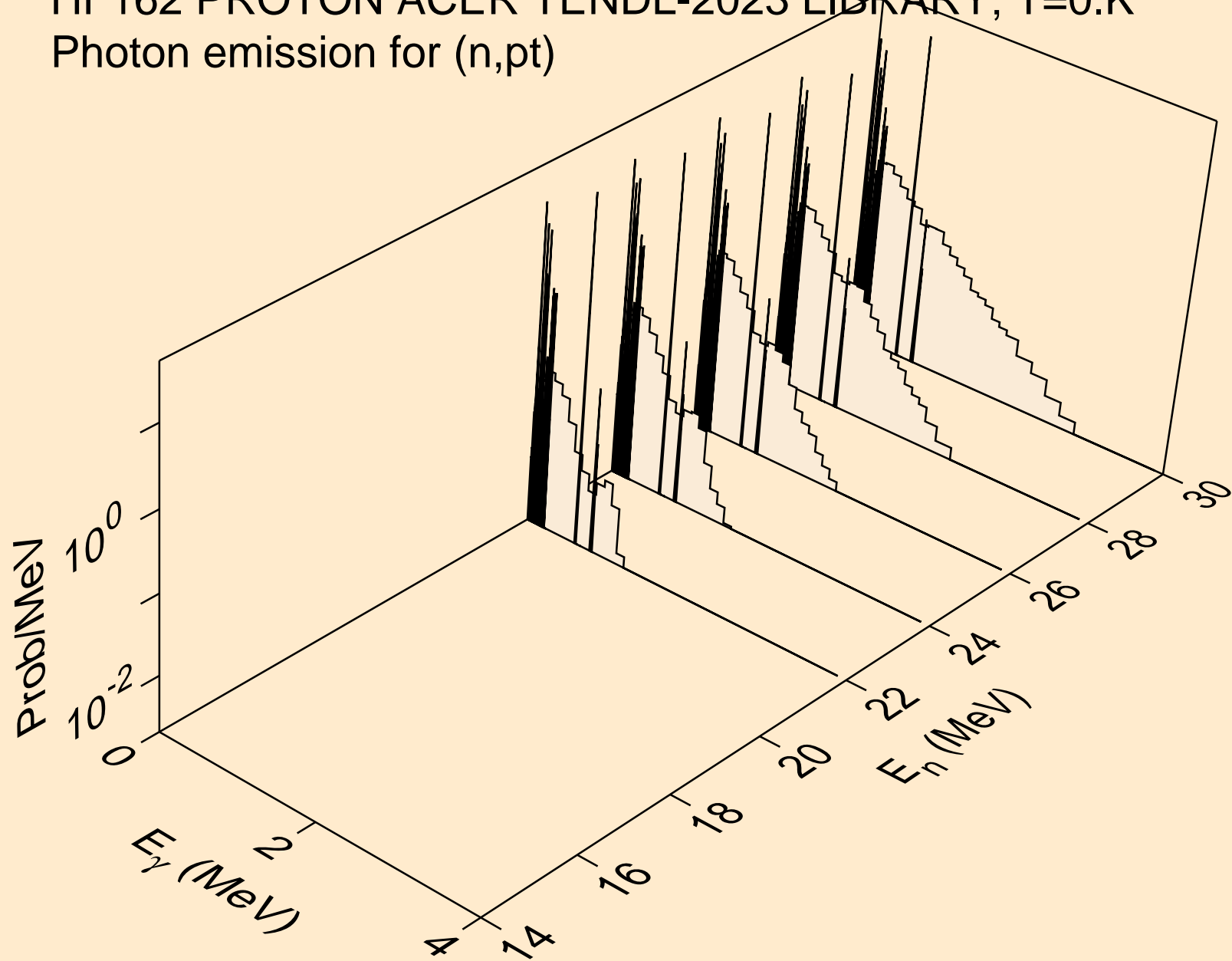
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Photon emission for (n,d2a)



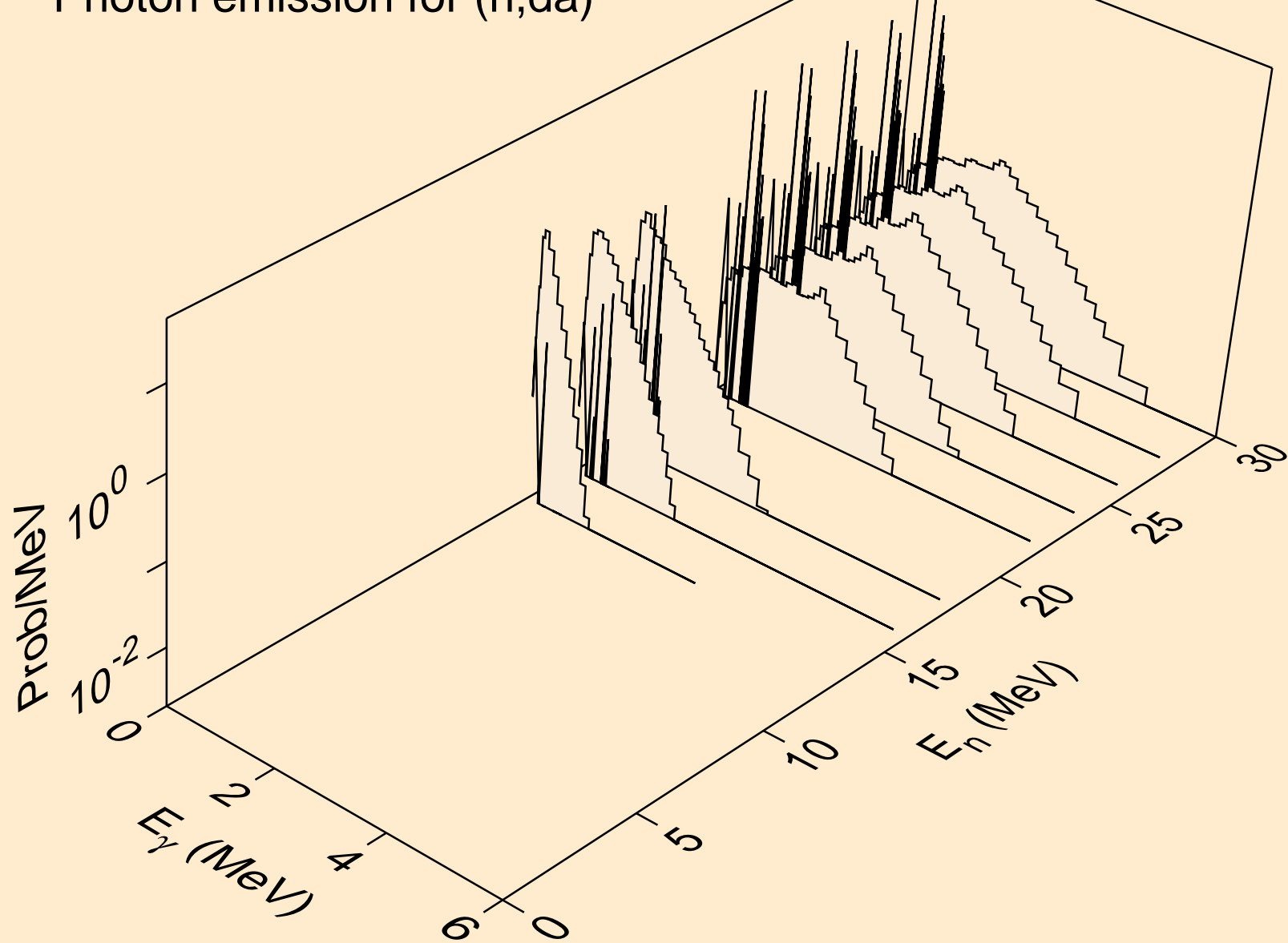
HF162 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



HF162 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)

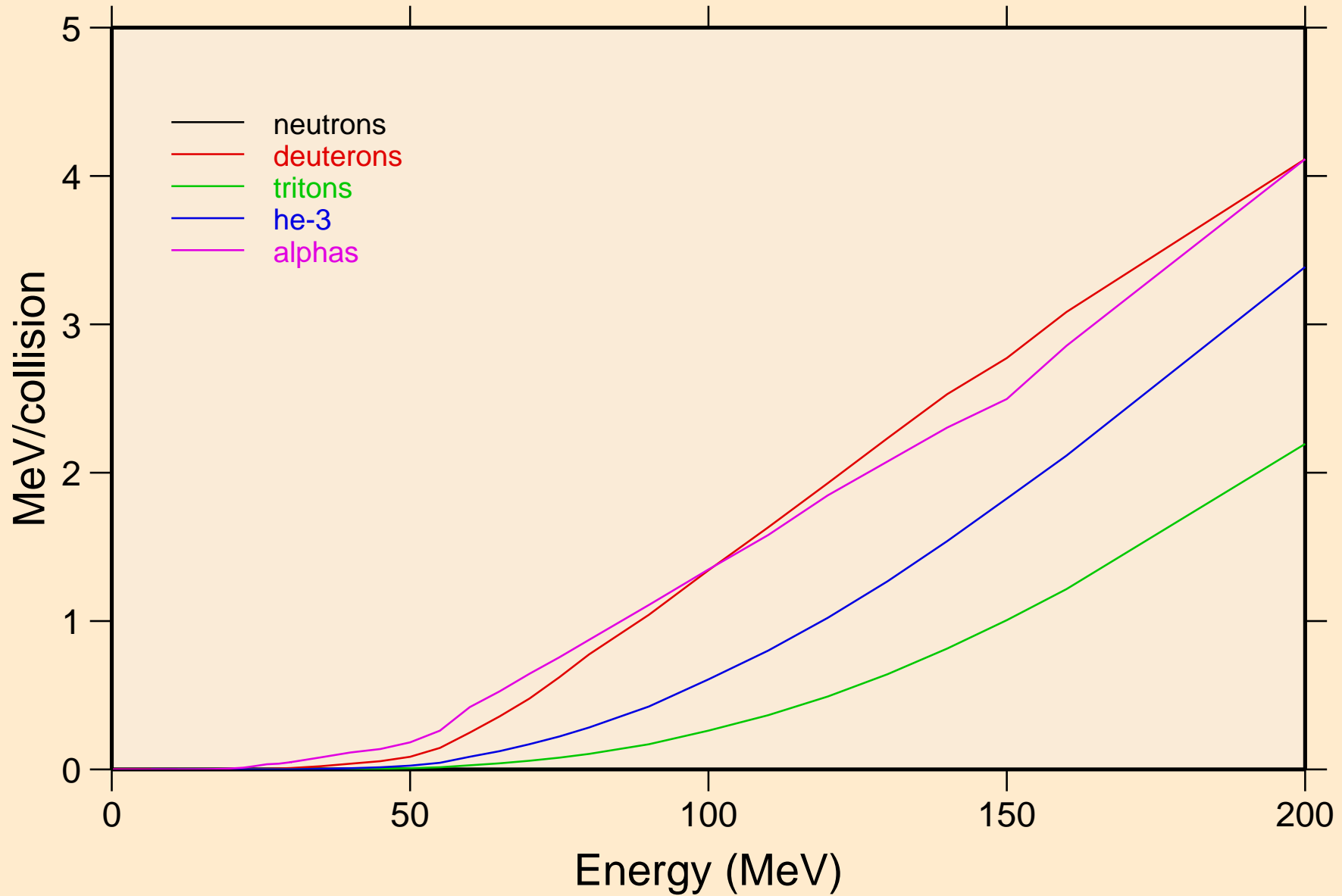


HF162 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



# HF162 PROTON ACER TENDL-2023 LIBRARY; T=0.K

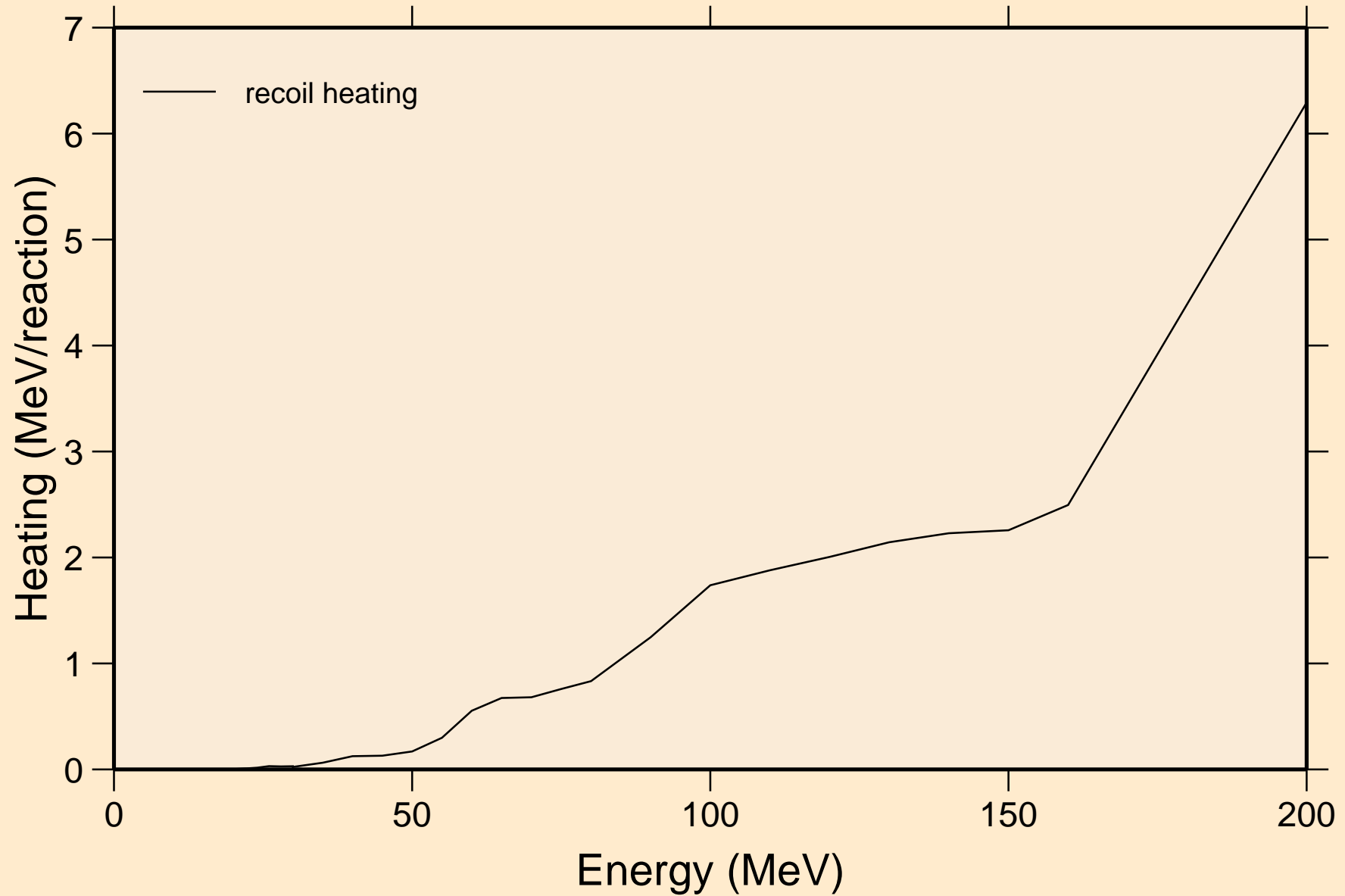
## Particle heating contributions



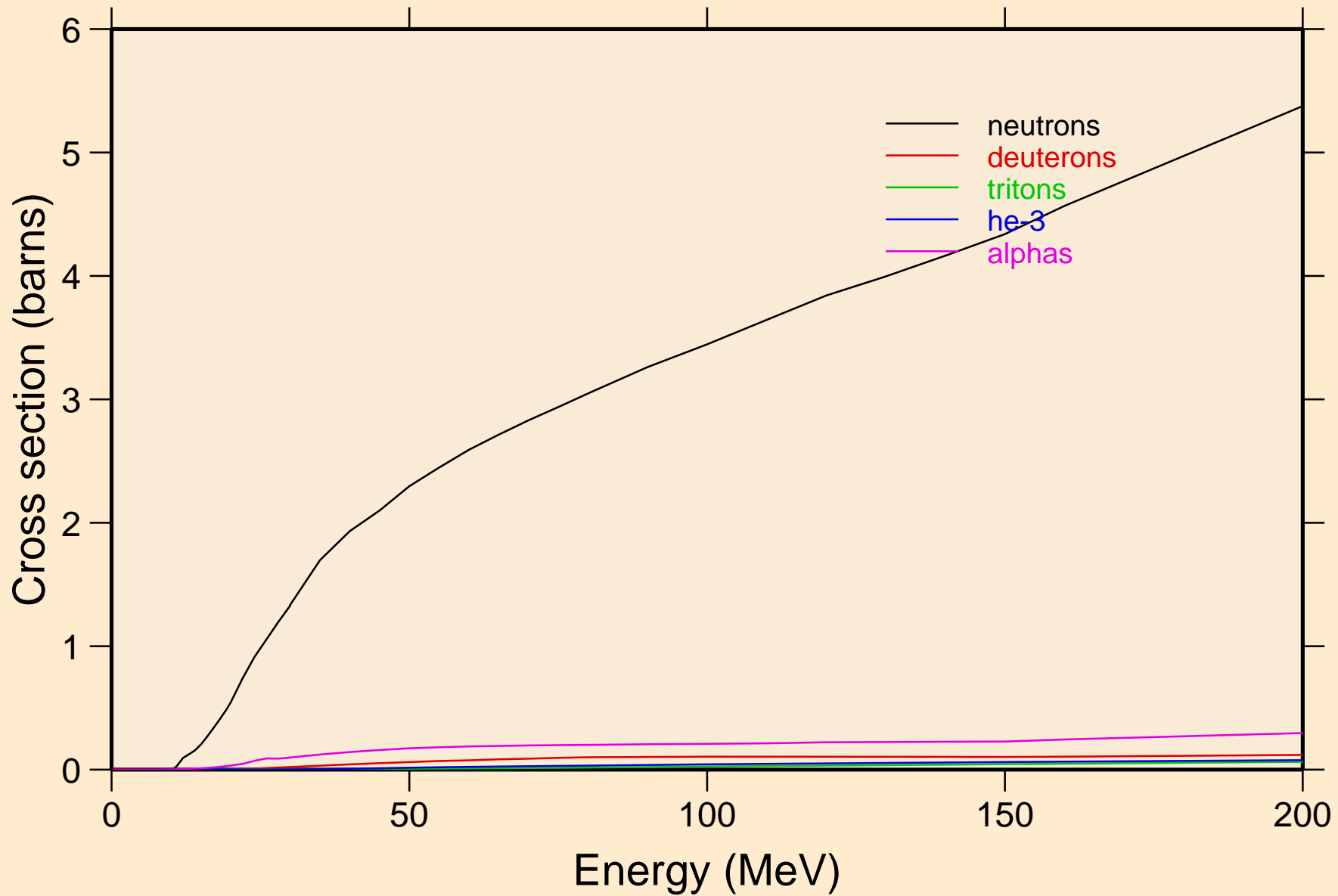


# HF162 PROTON ACER TENDL-2023 LIBRARY; T=0.K

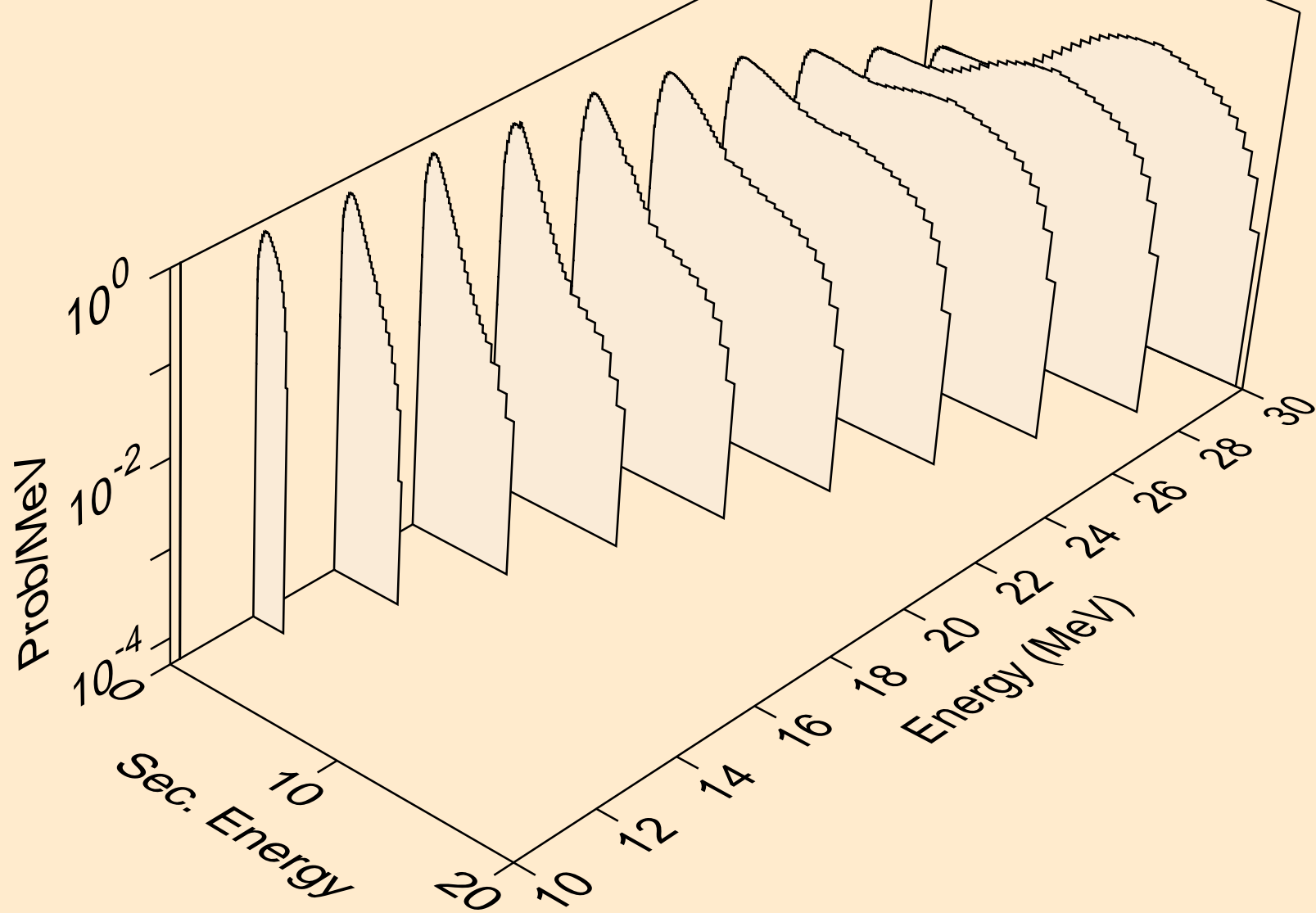
## Recoil Heating



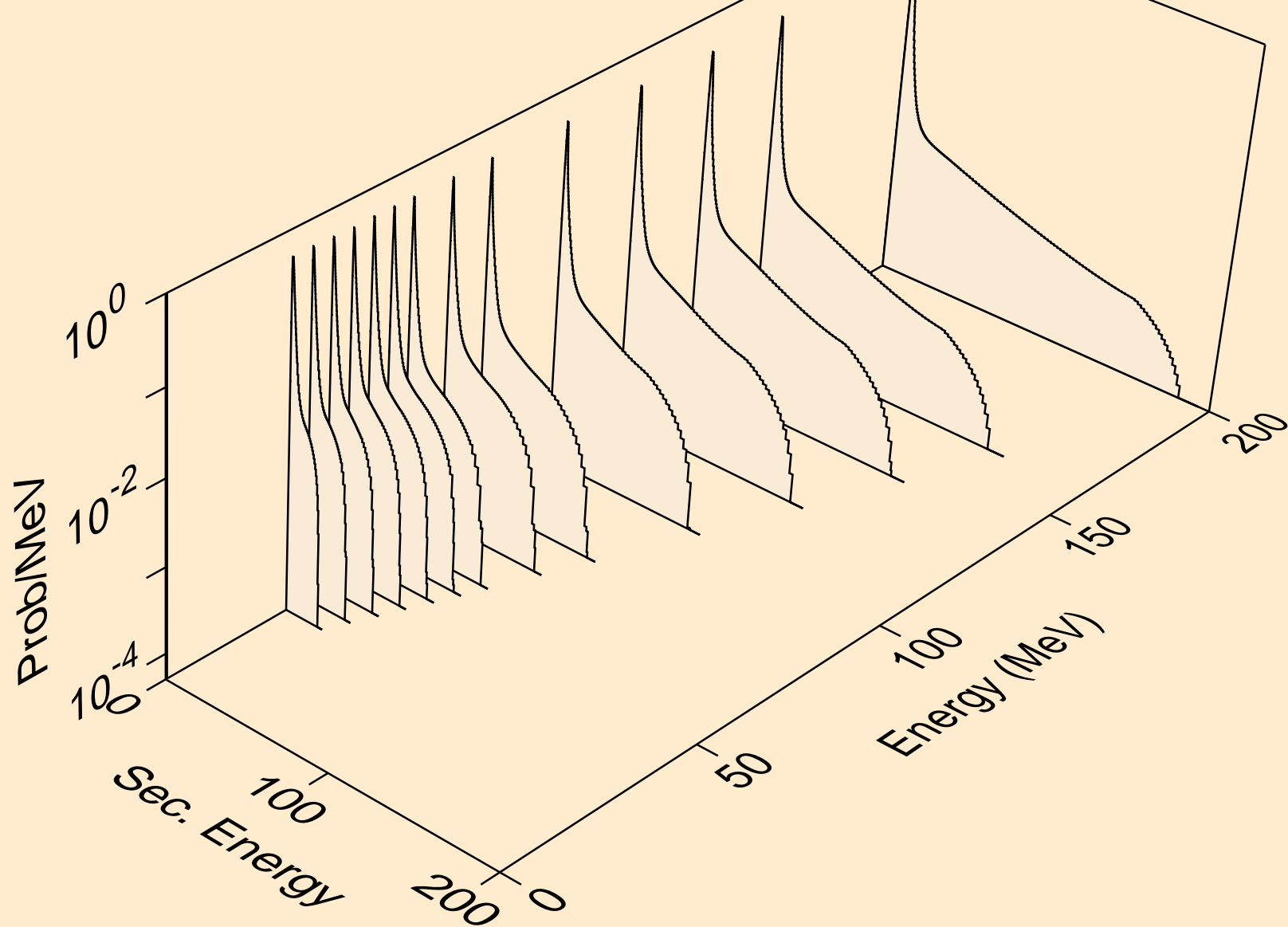
HF162 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



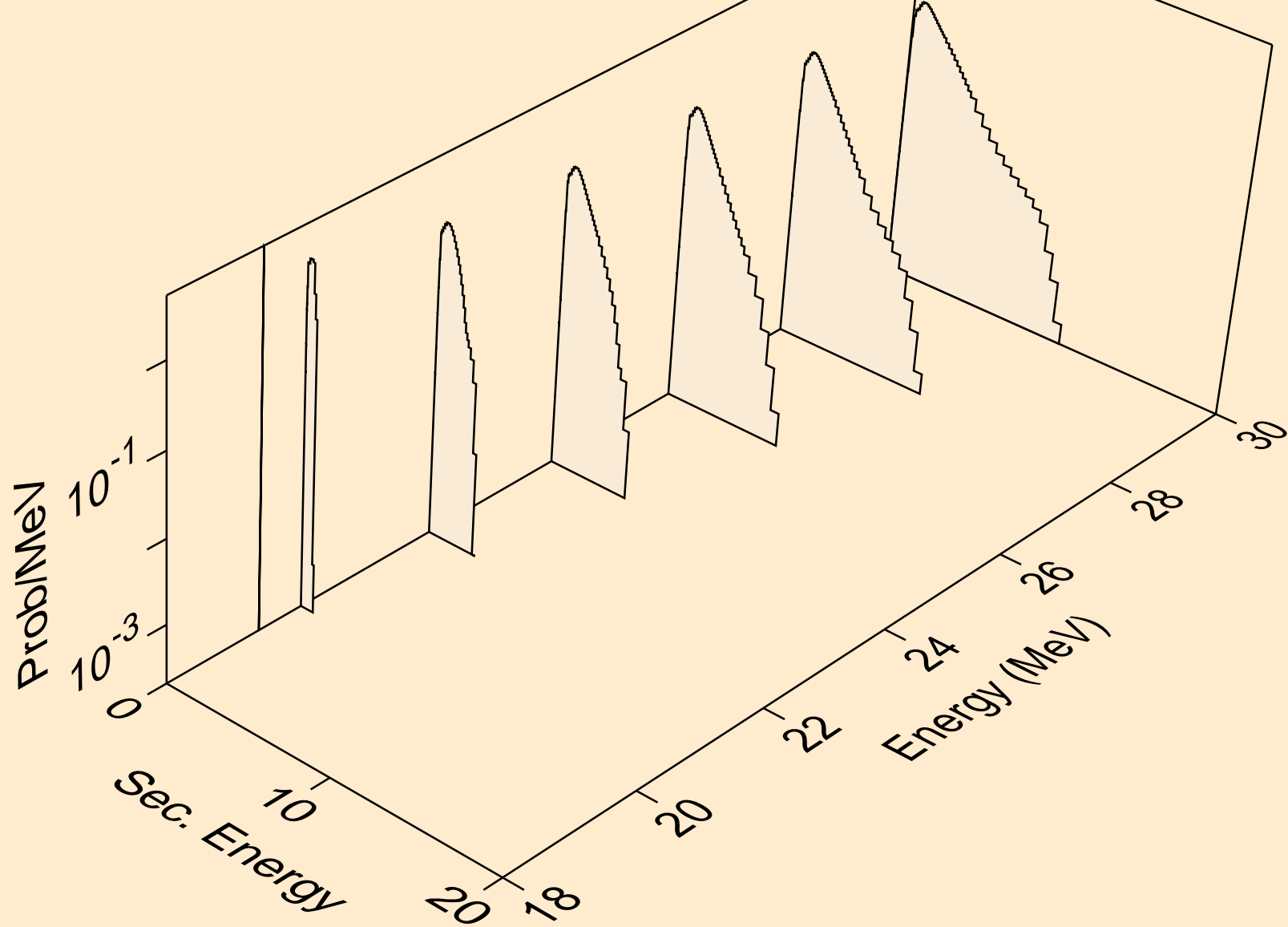
HF162 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



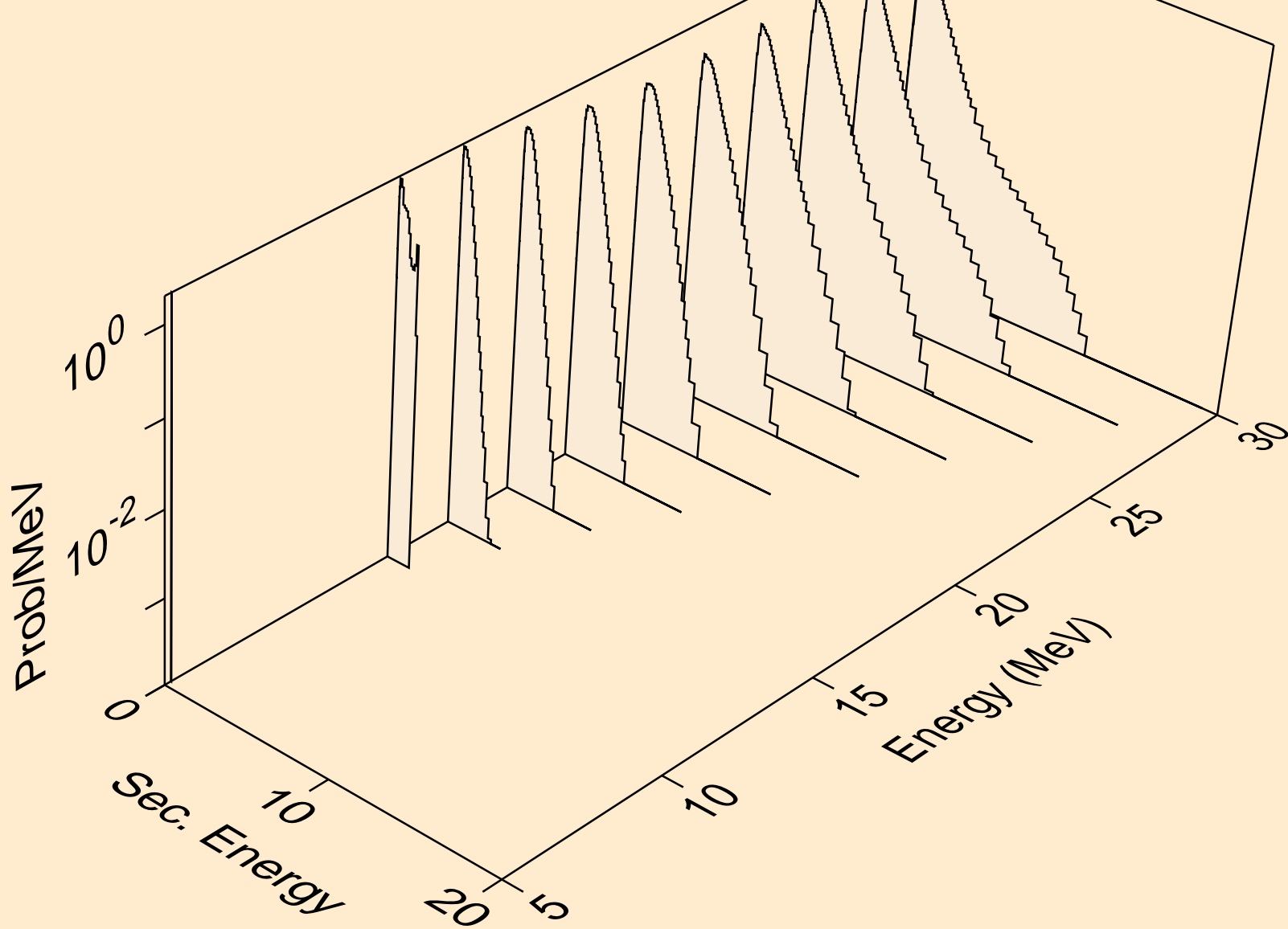
HF162 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)



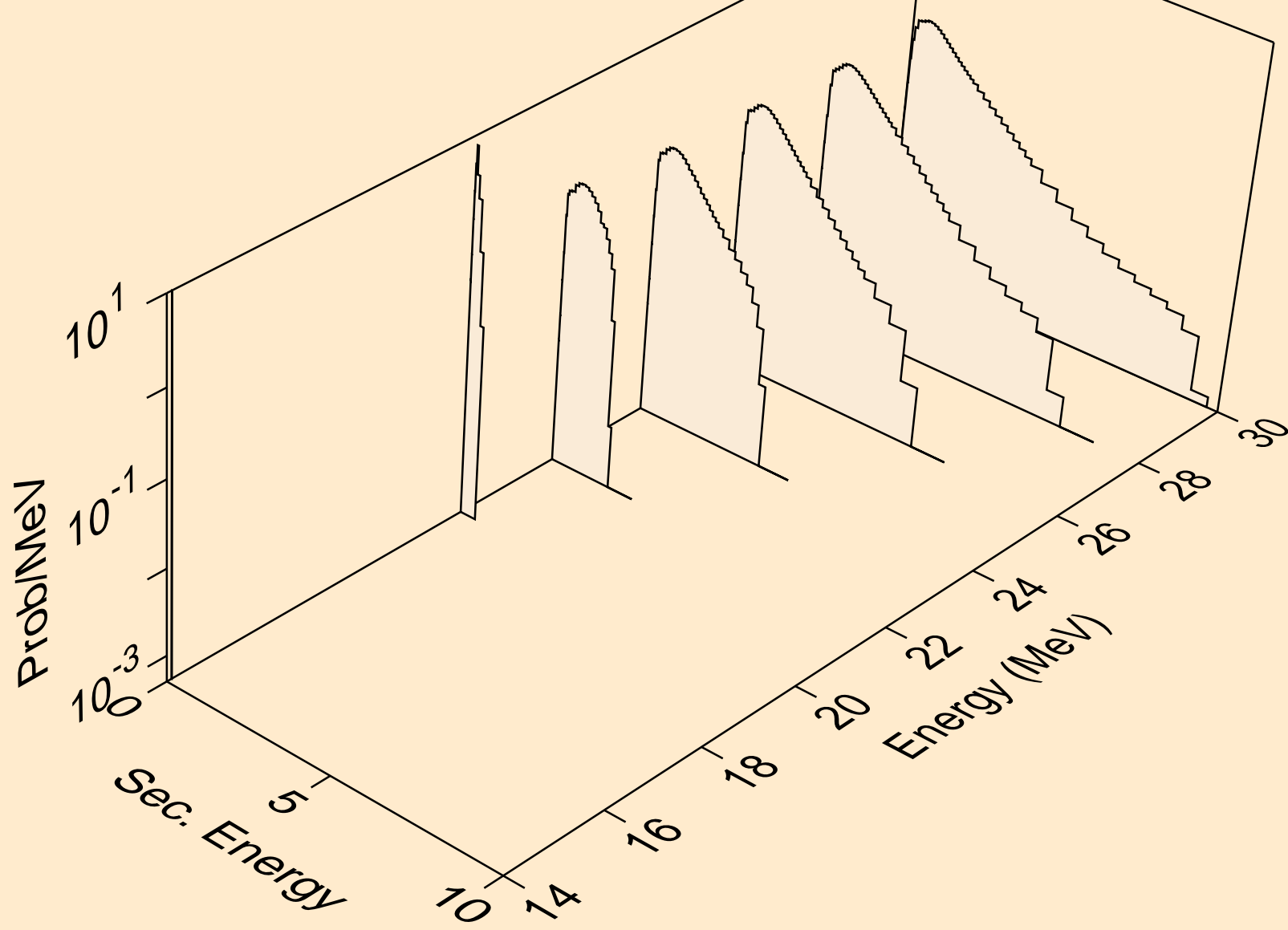
HF162 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)



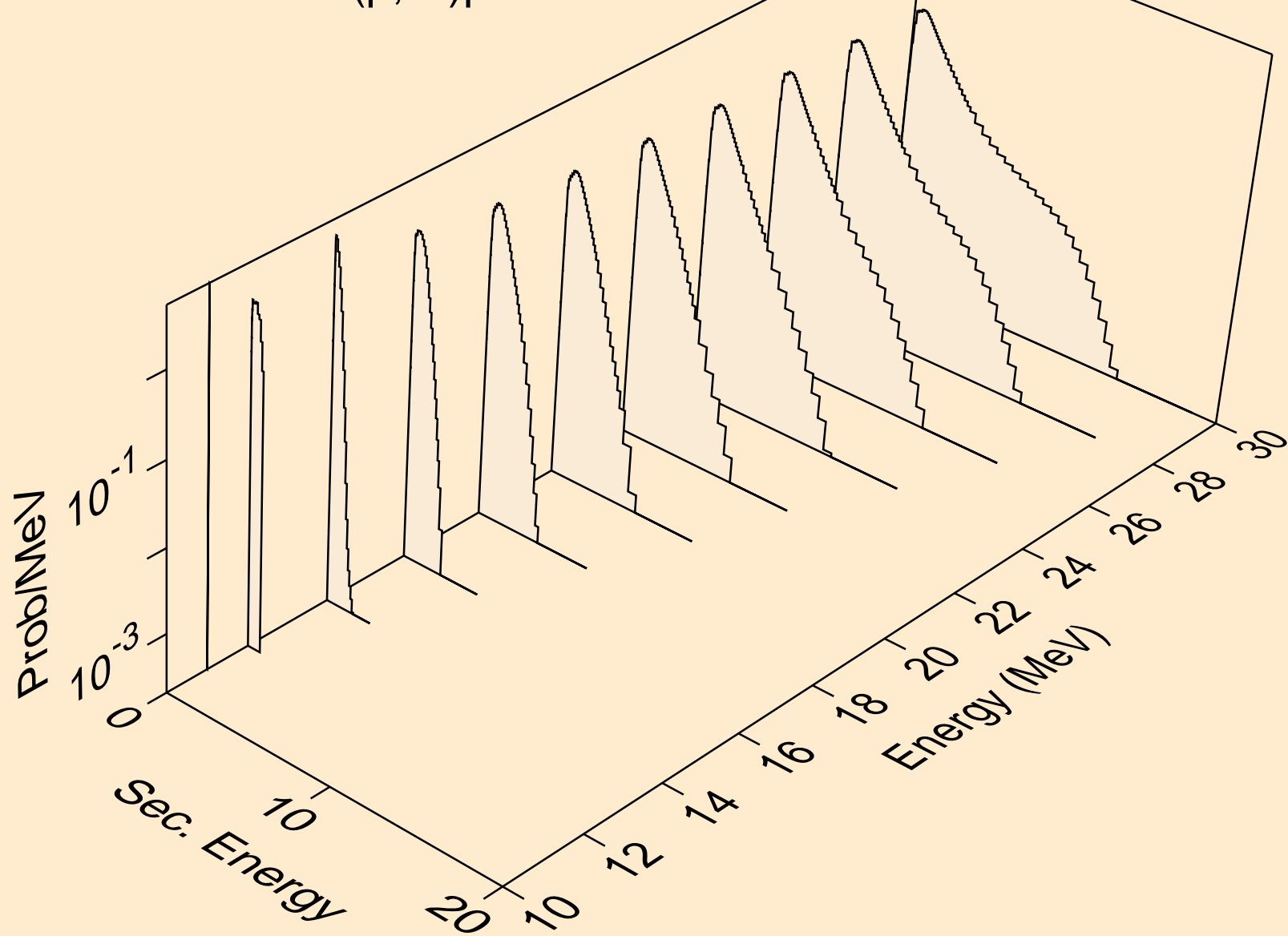
HF162 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



HF162 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)a

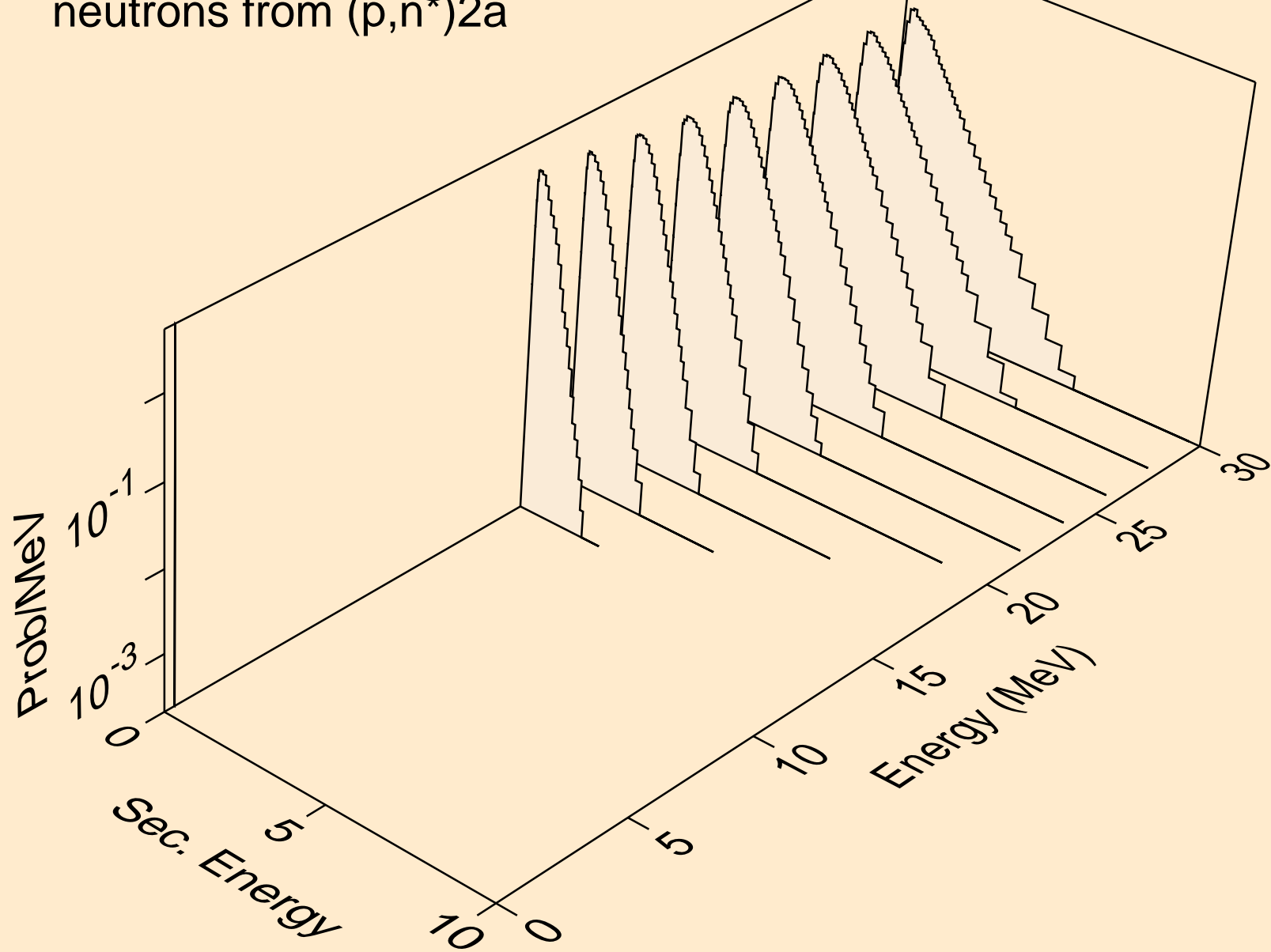


HF162 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)p

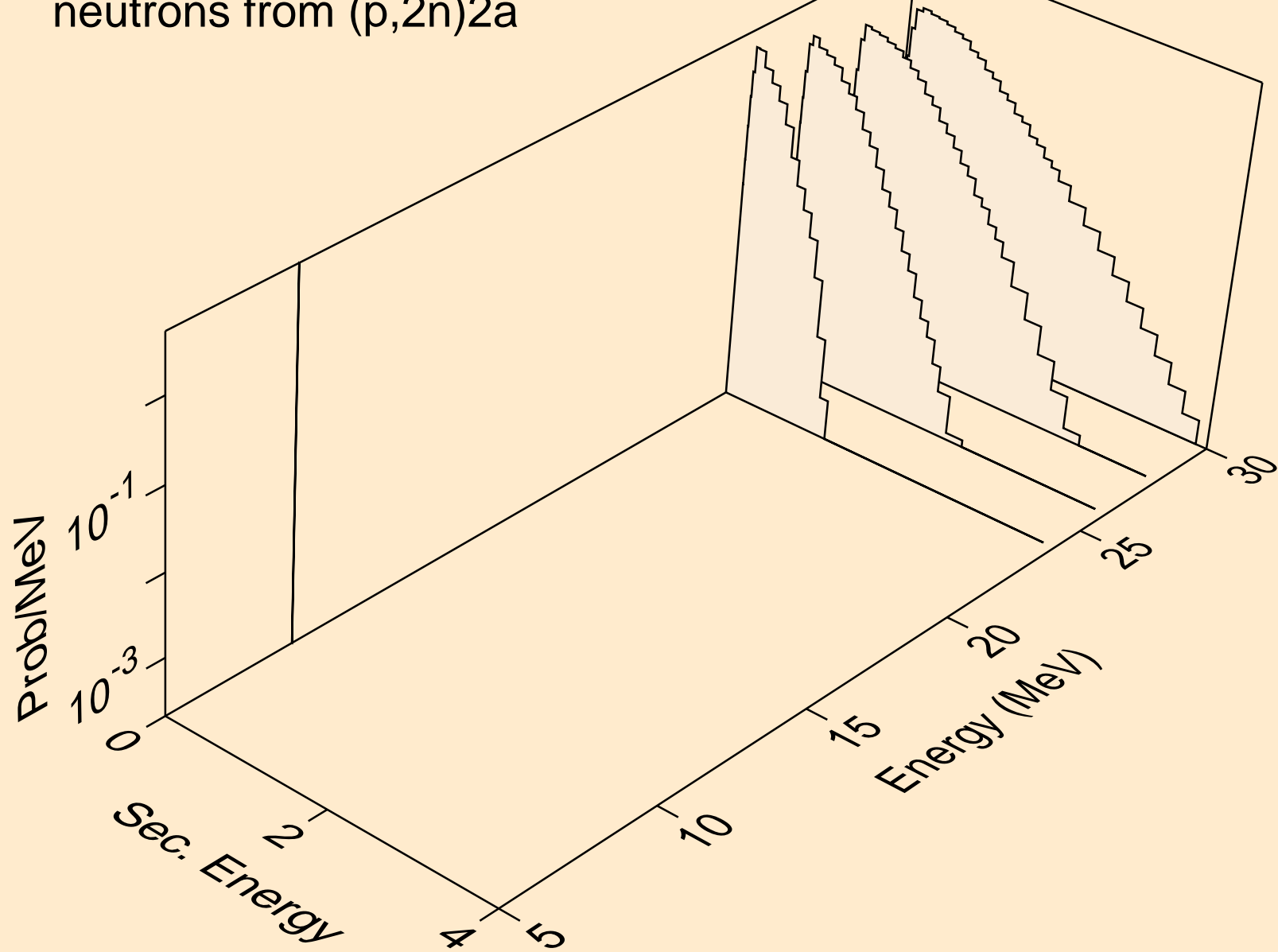




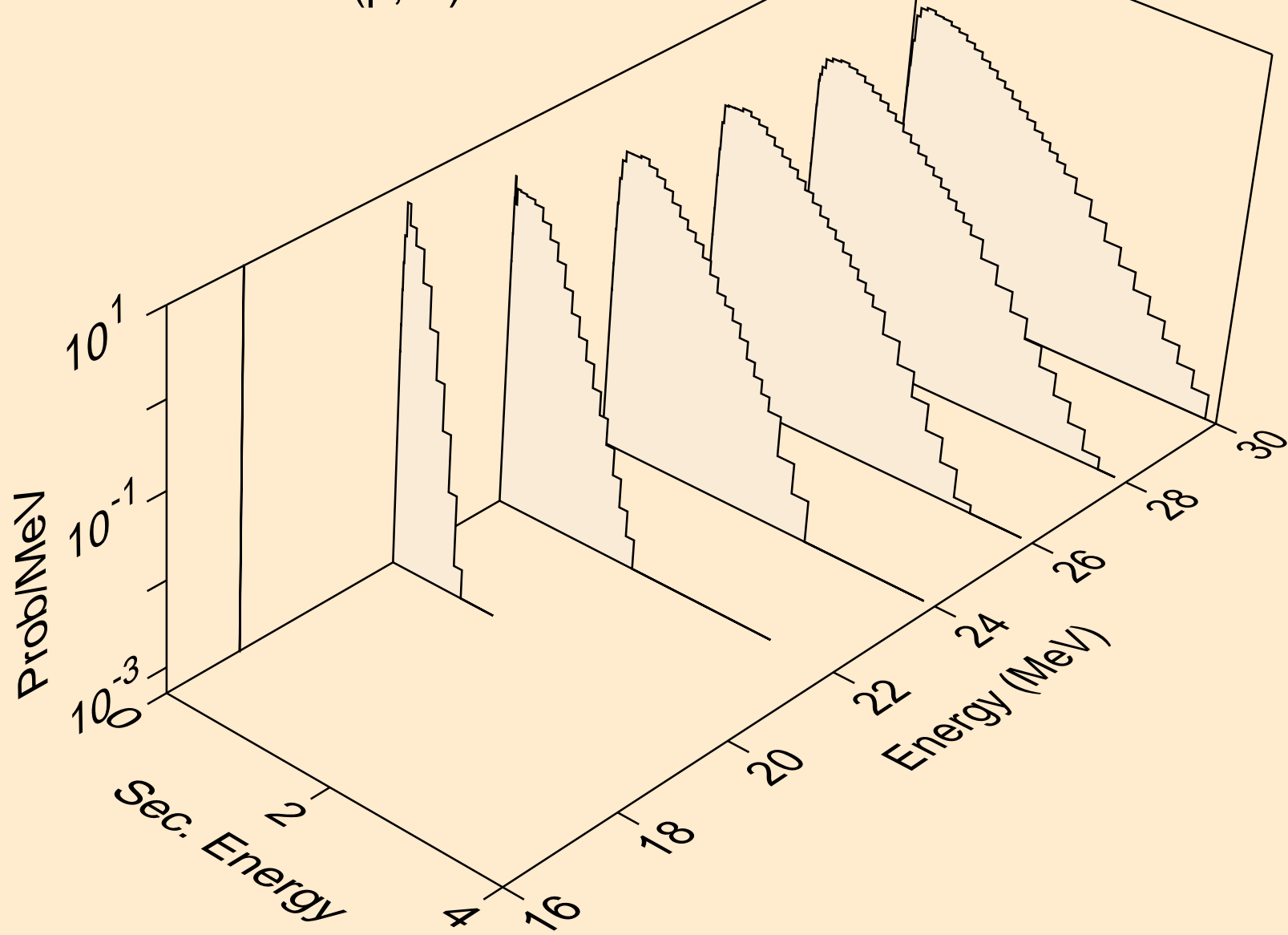
HF162 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)2a



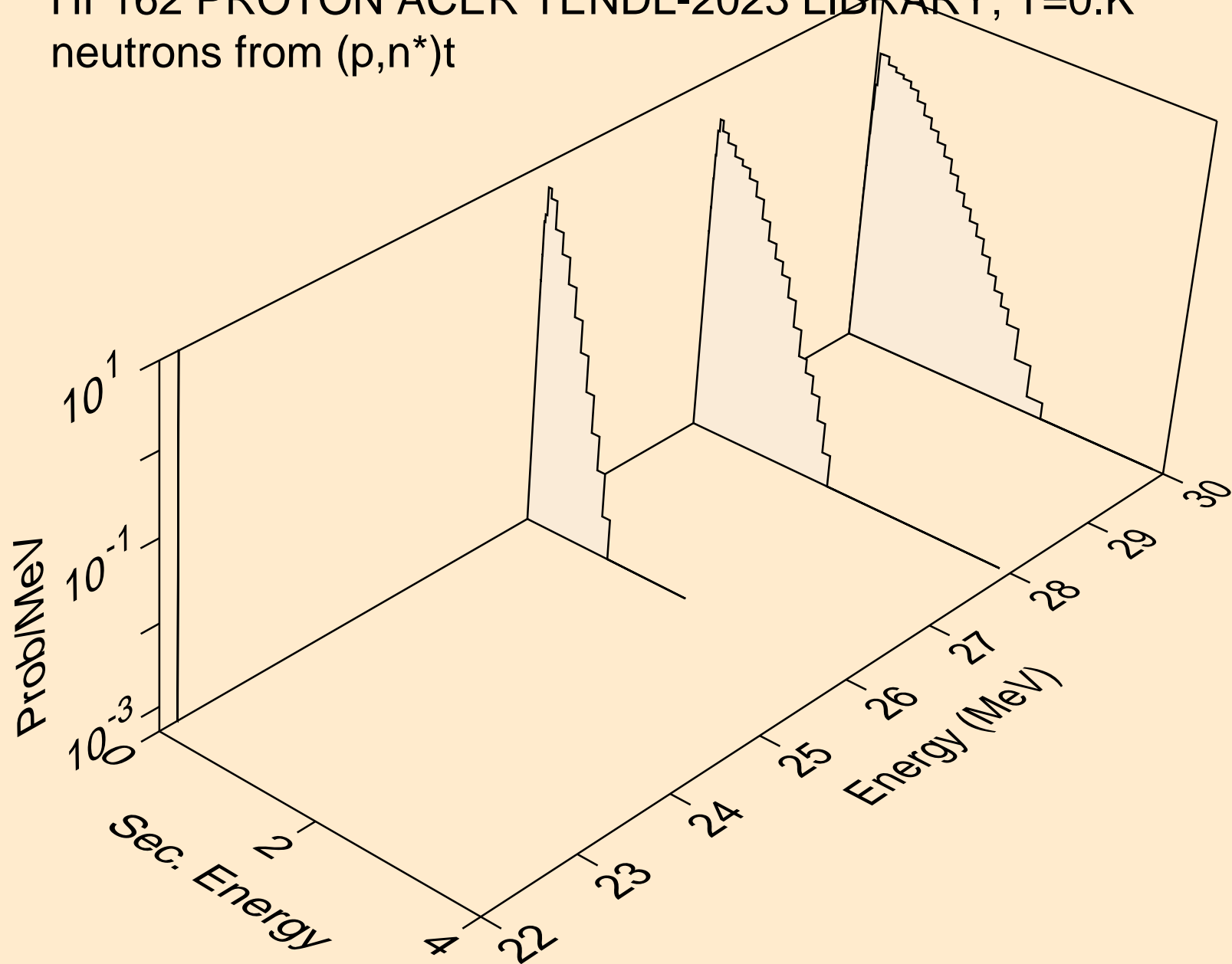
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neutrons from (p,2n)2a



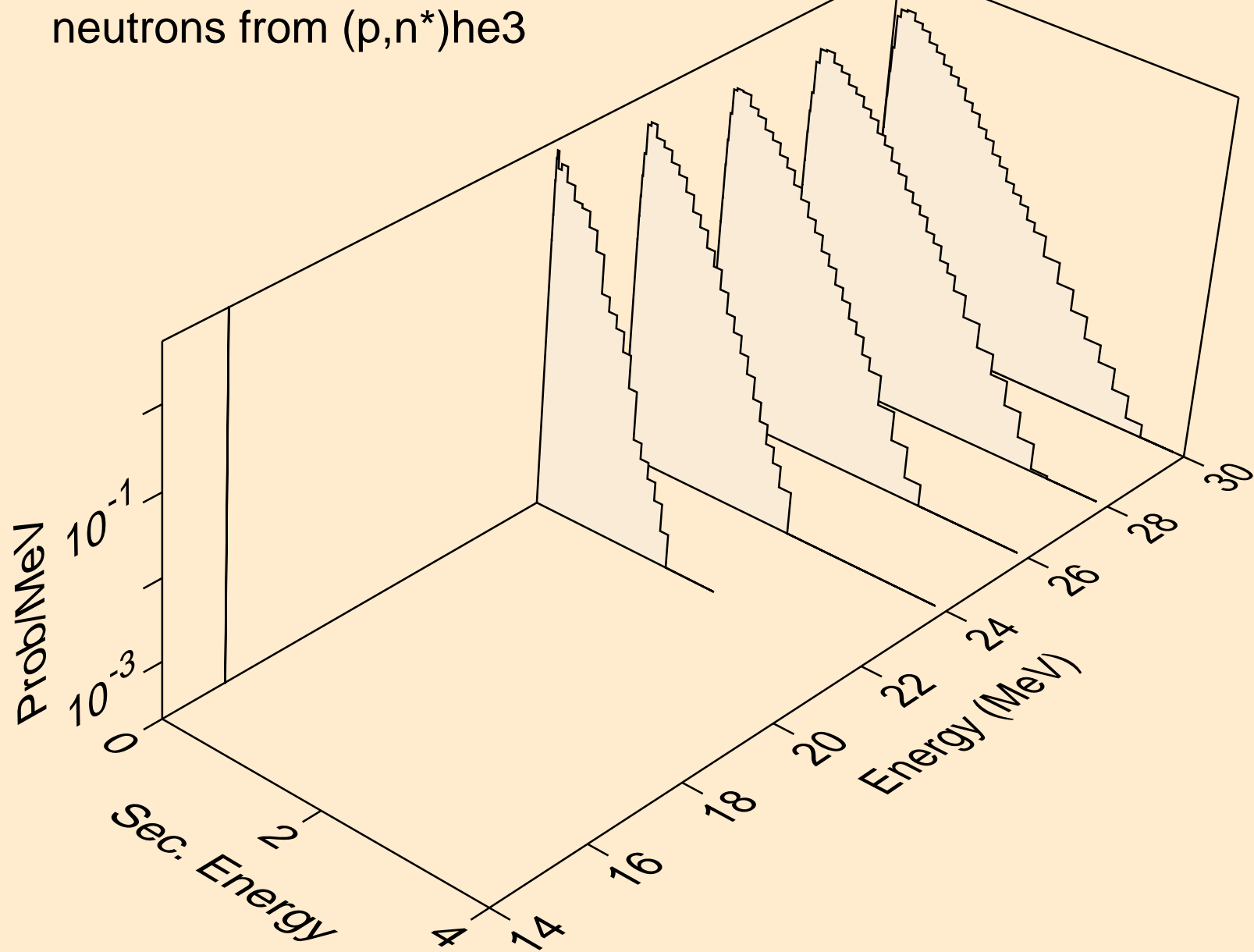
HF162 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)d



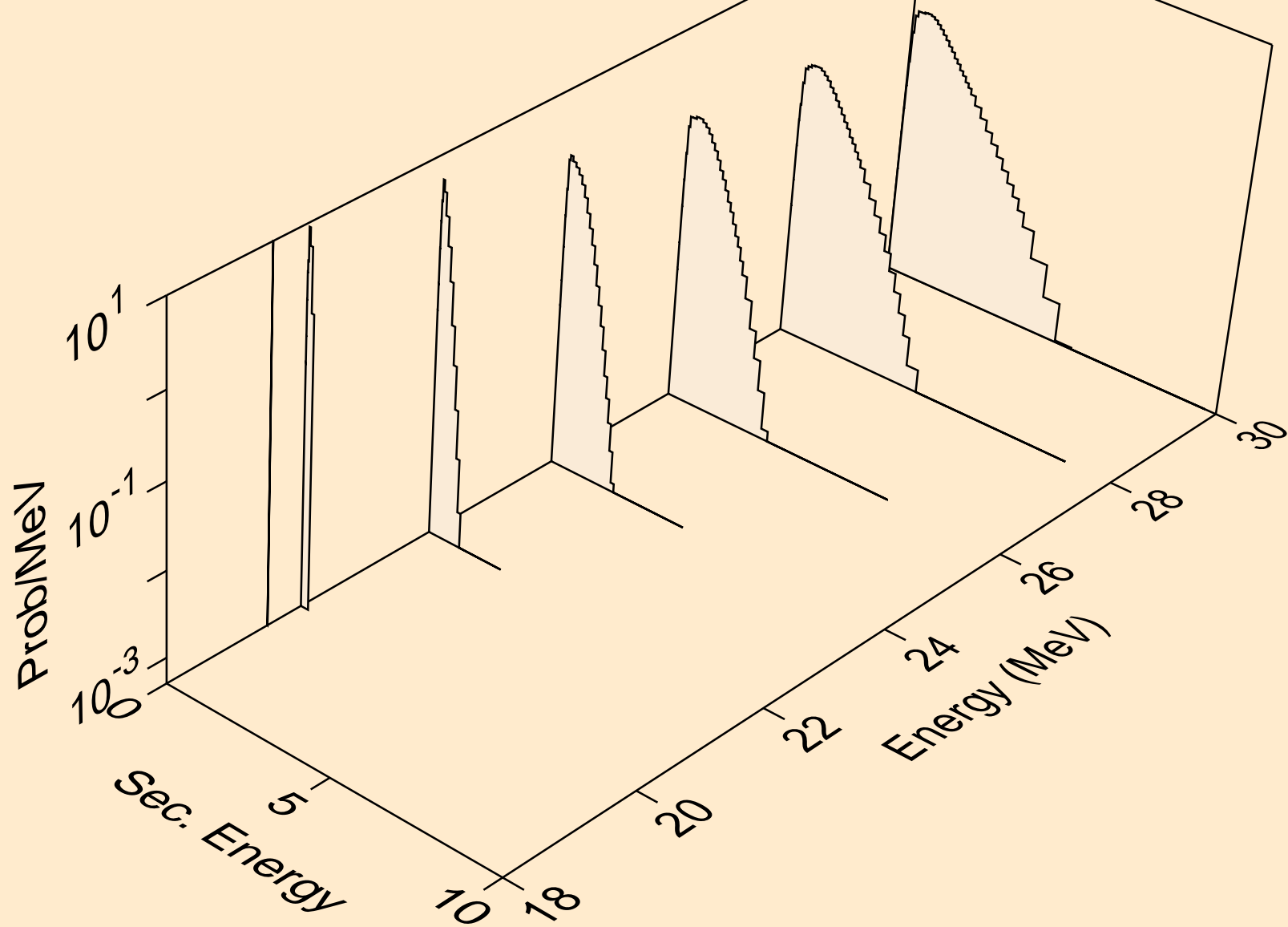
HF162 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)t



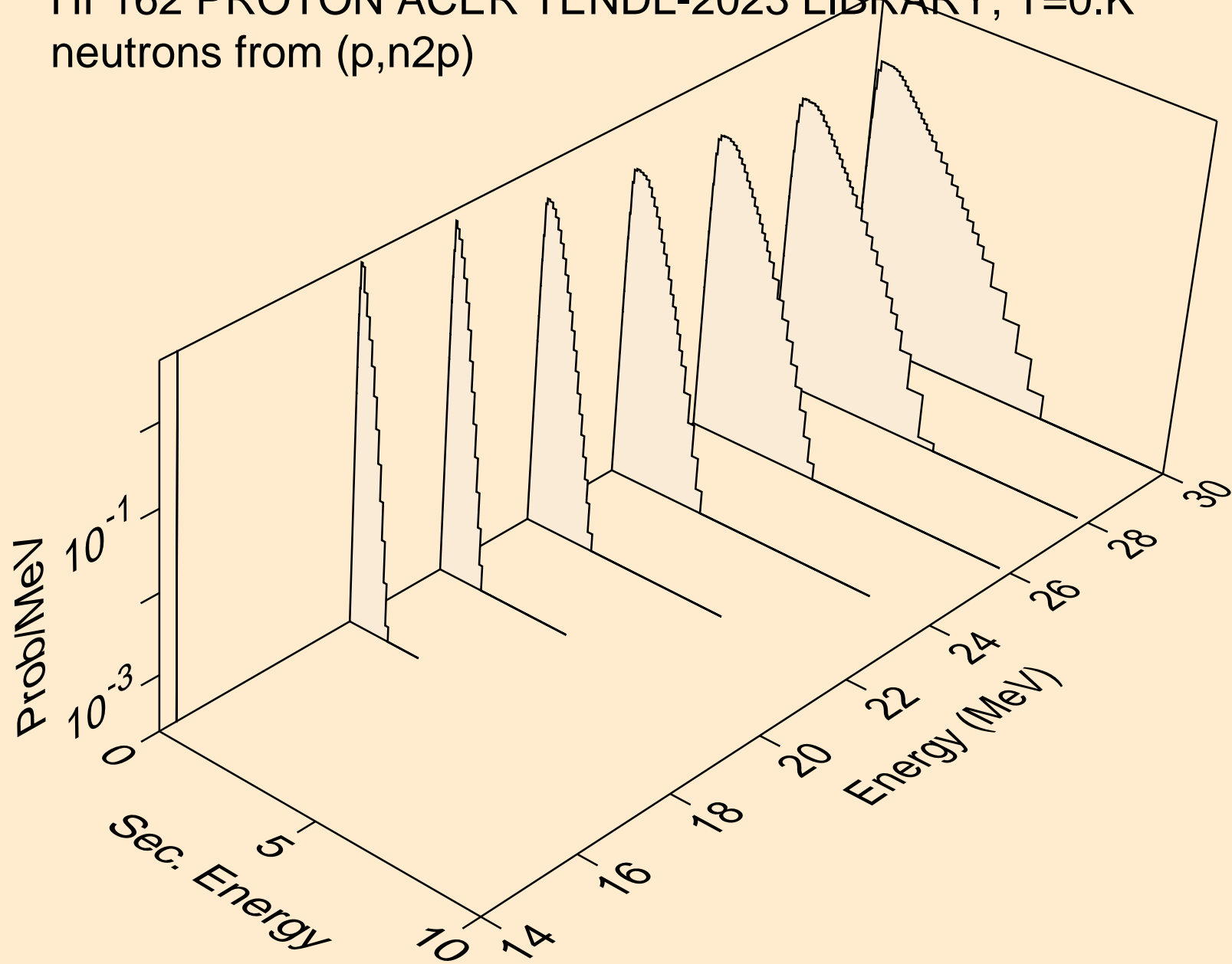
HF162 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



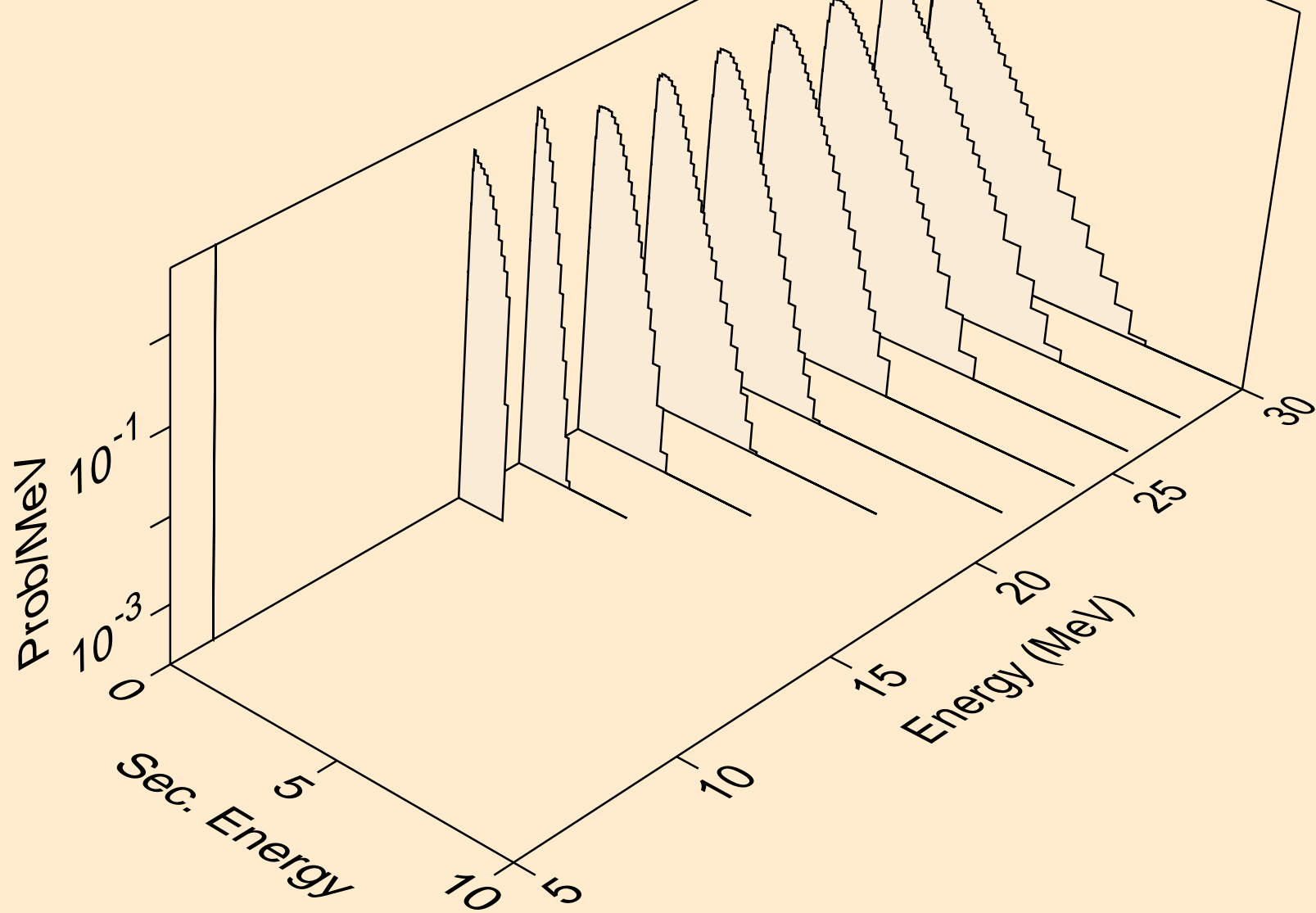
HF162 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2np)



HF162 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n2p)

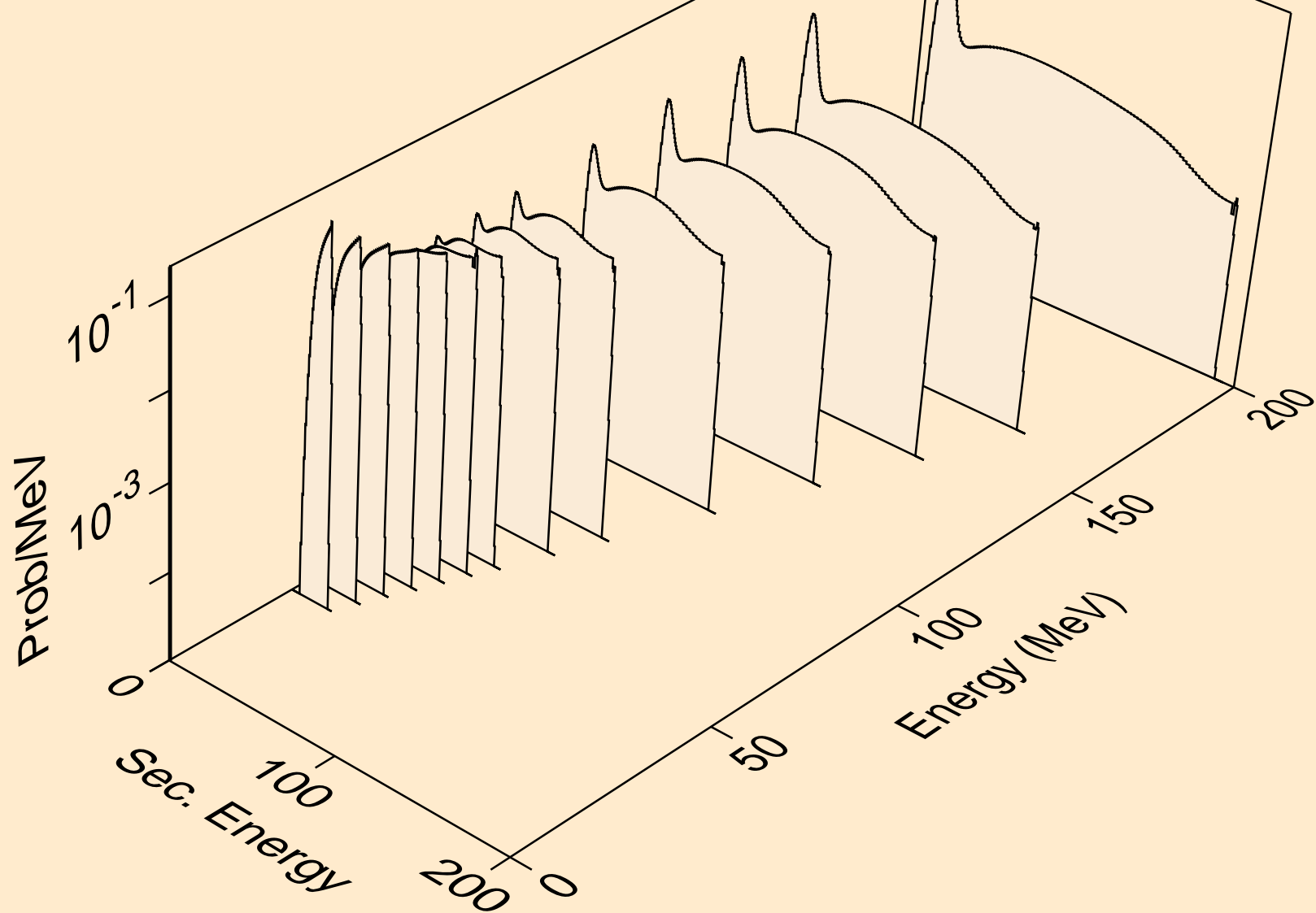


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neutrons from (p,npa)

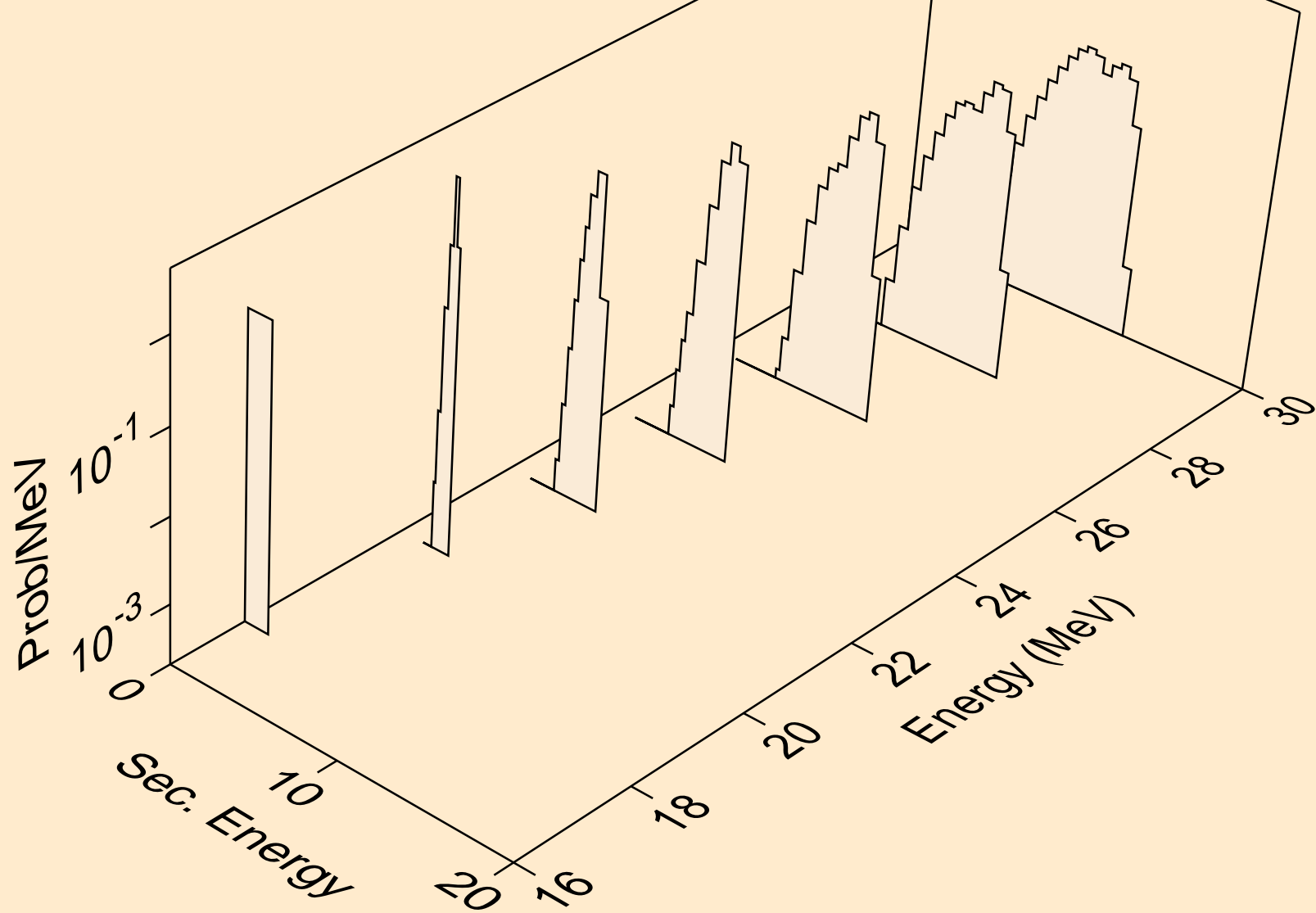




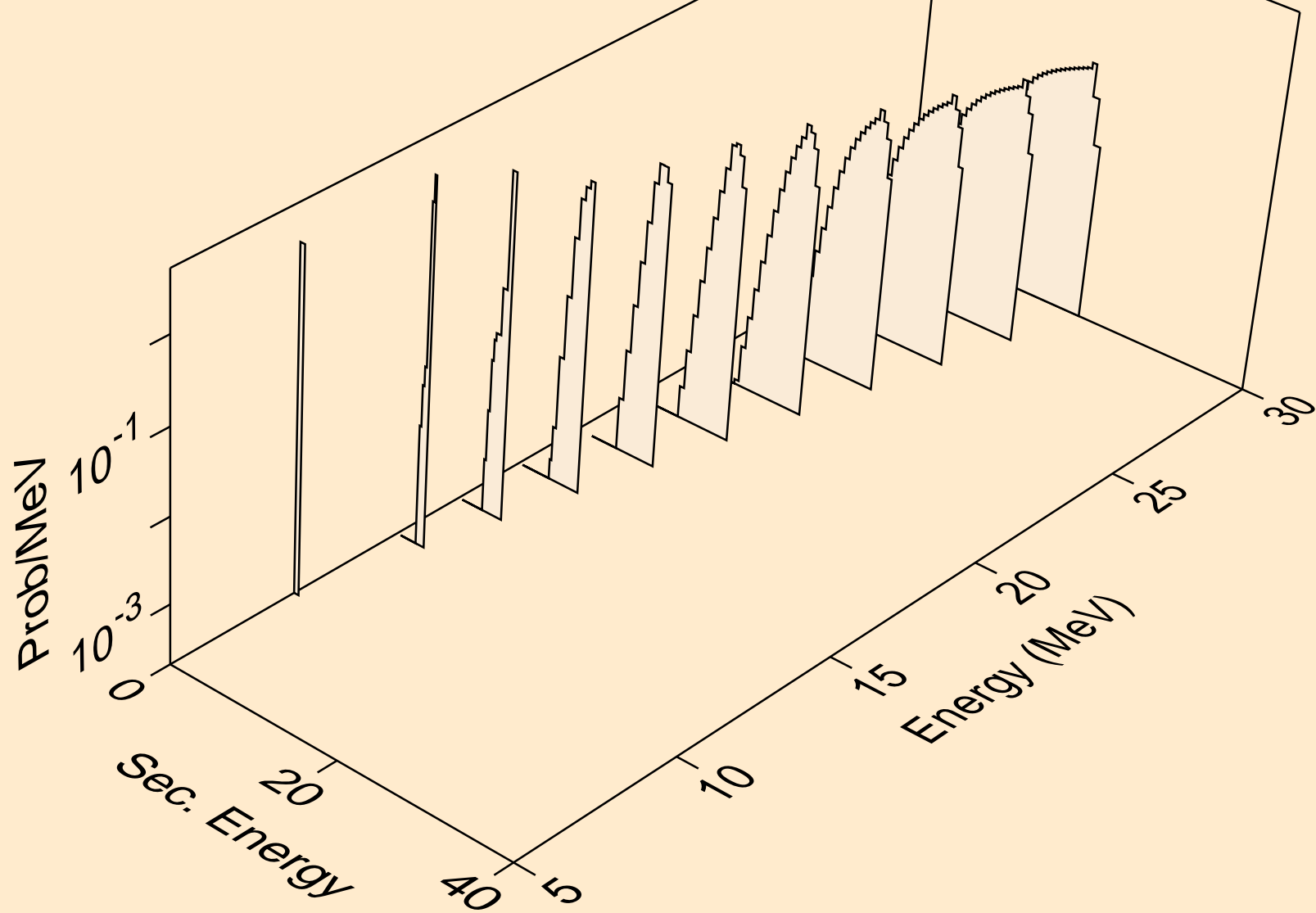
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deuterons from (p,x)



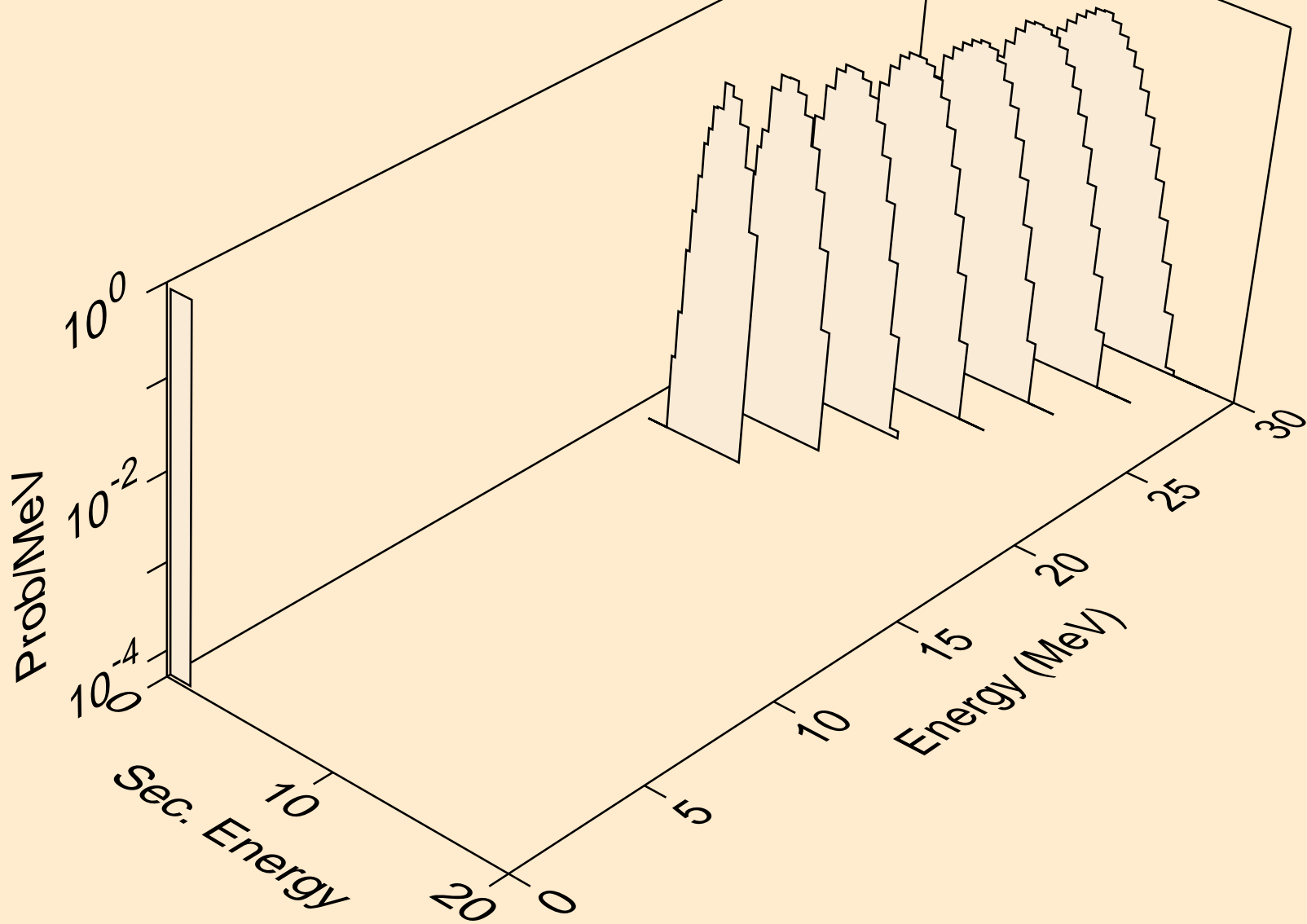
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deuterons from (p,n\*)d



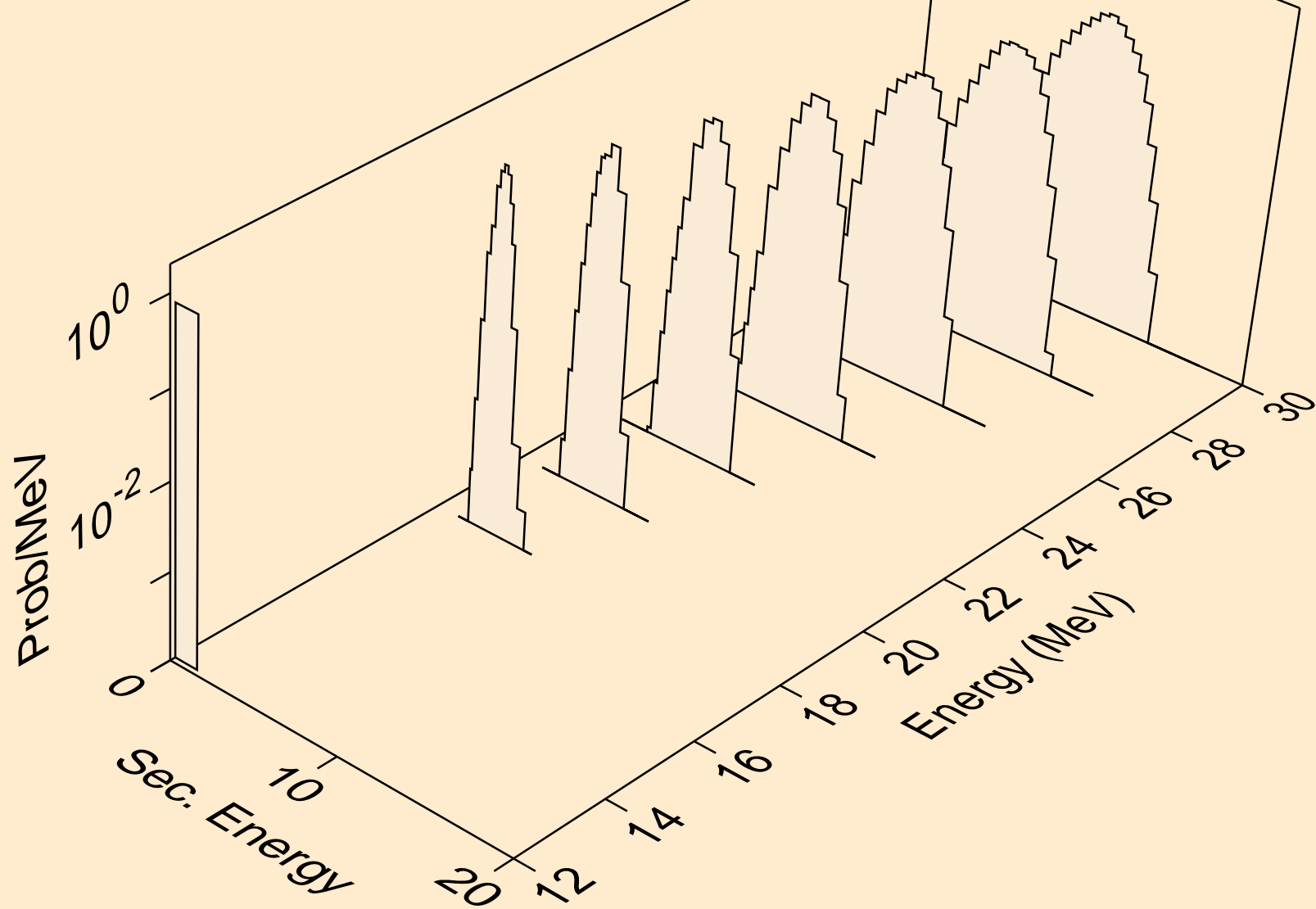
HF162 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,d)



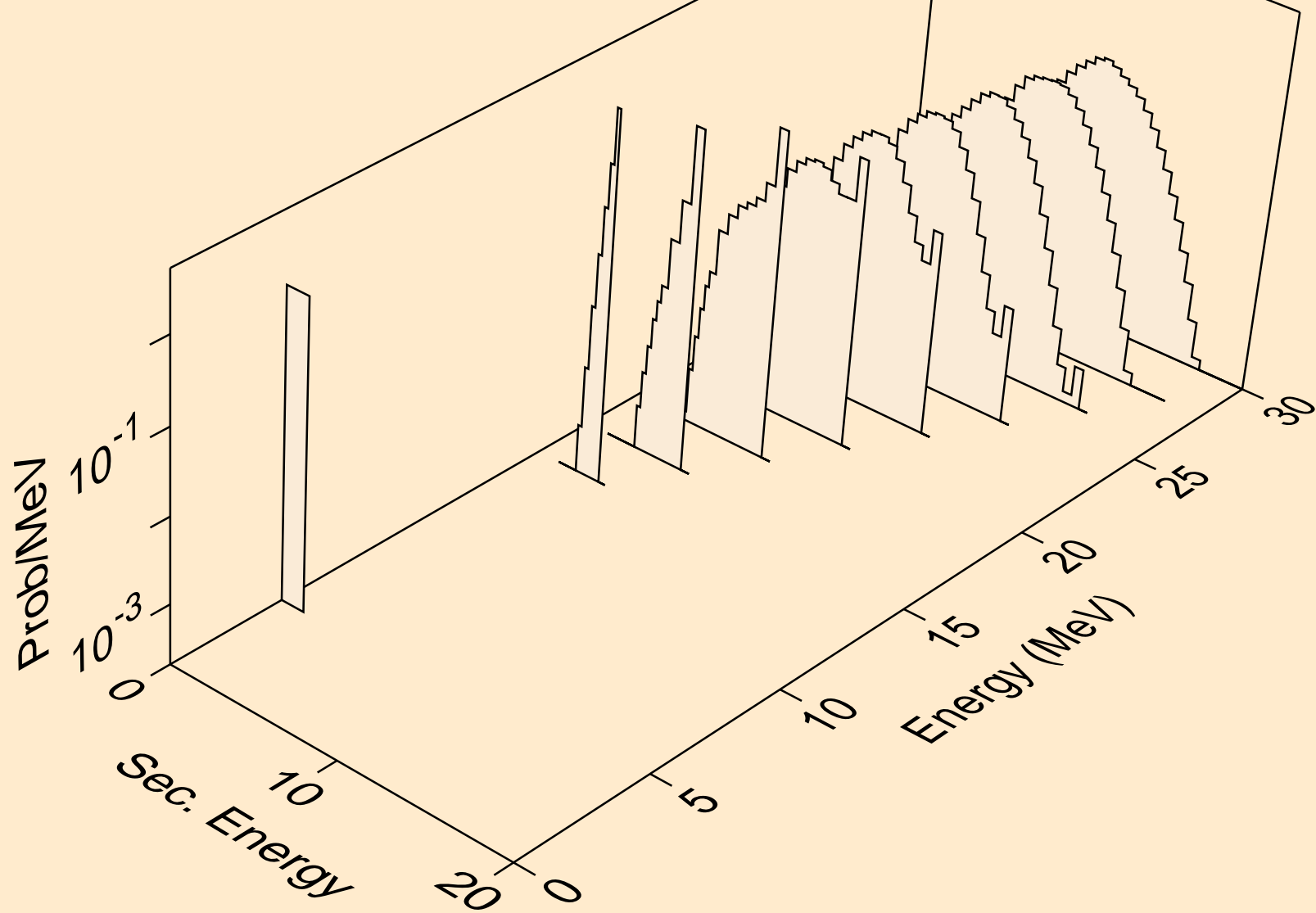
HF162 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,d2a)



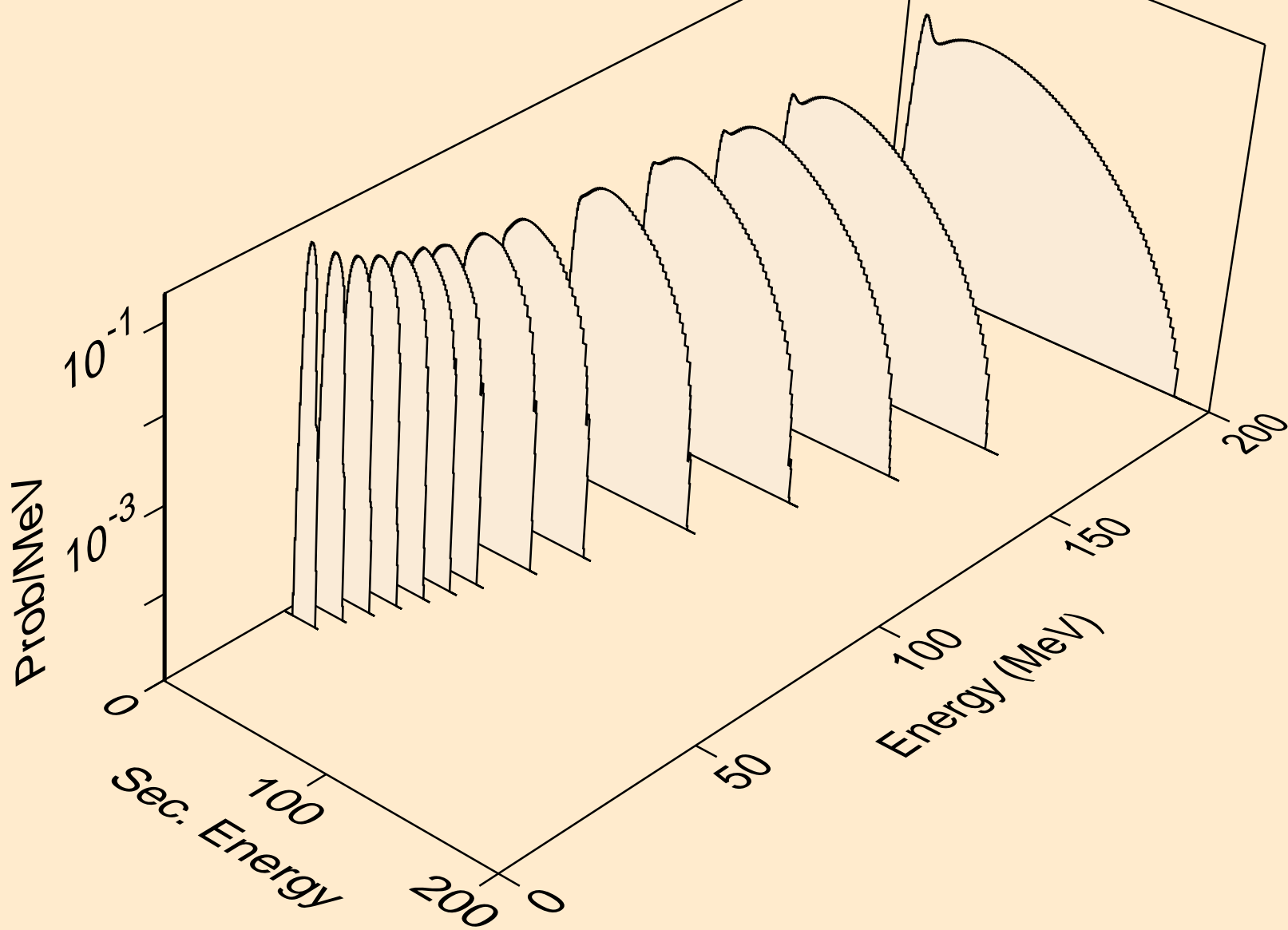
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deuterons from (p,pd)



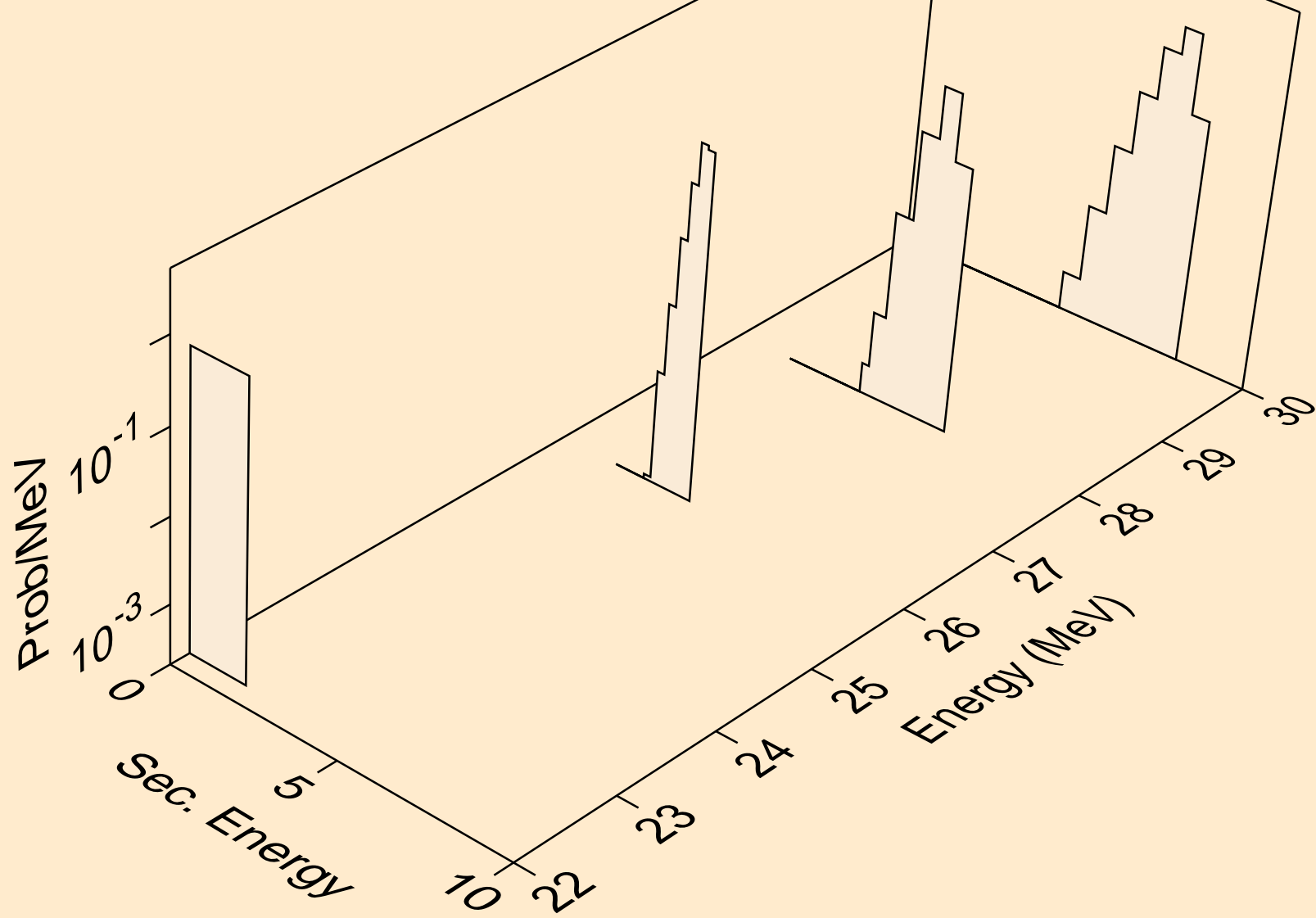
HF162 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,da)



HF162 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)

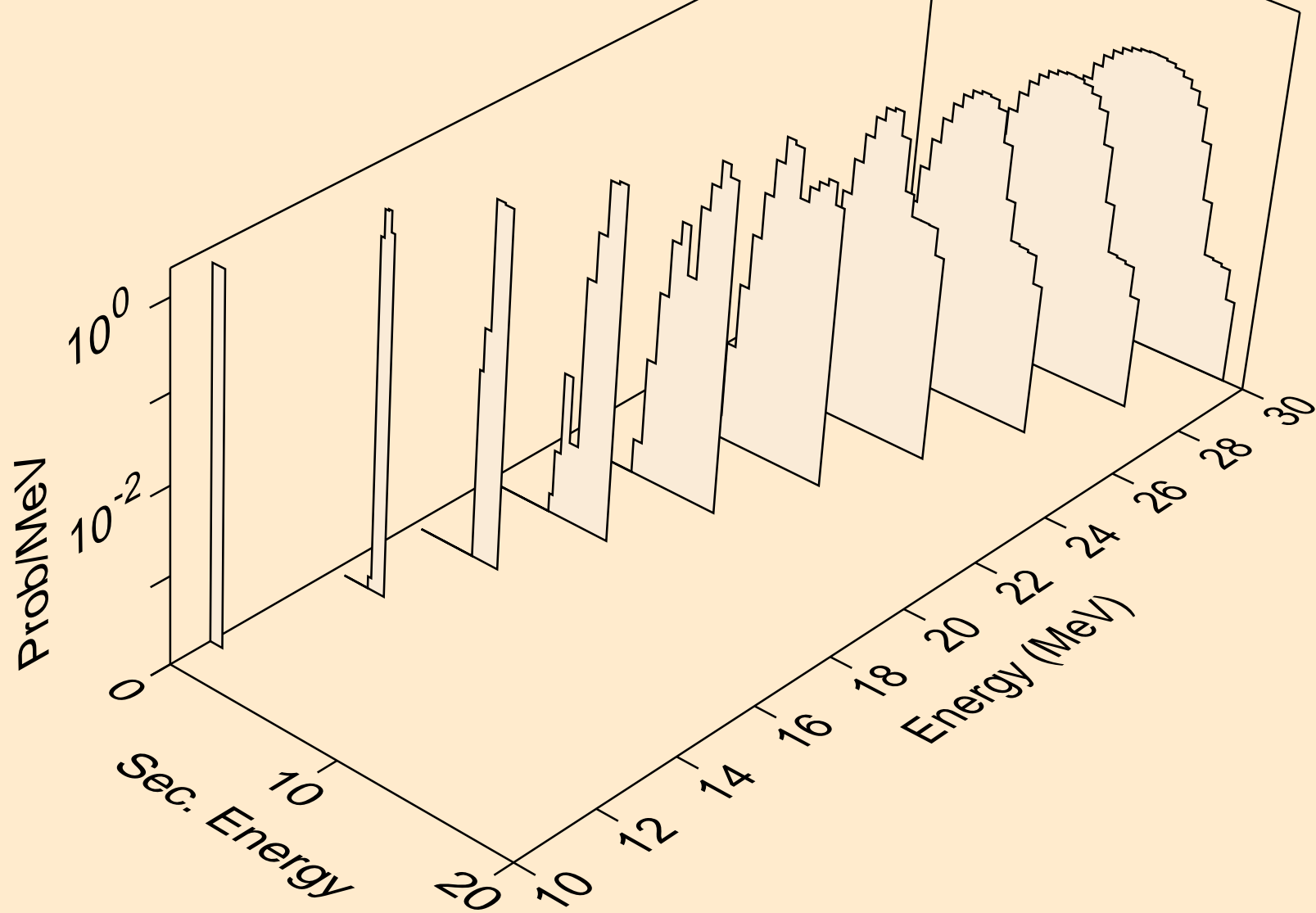


HF162 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,n\*)t

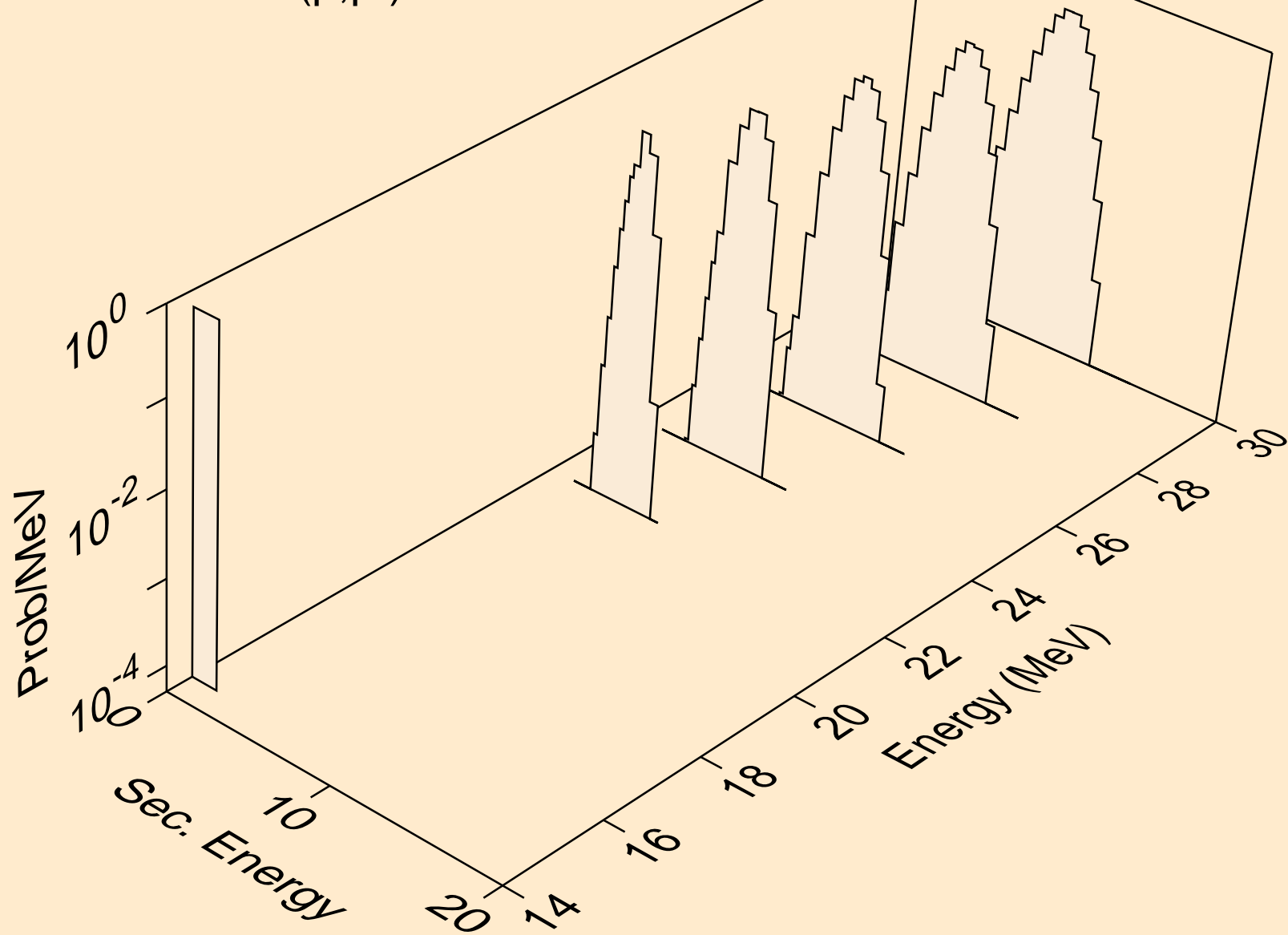




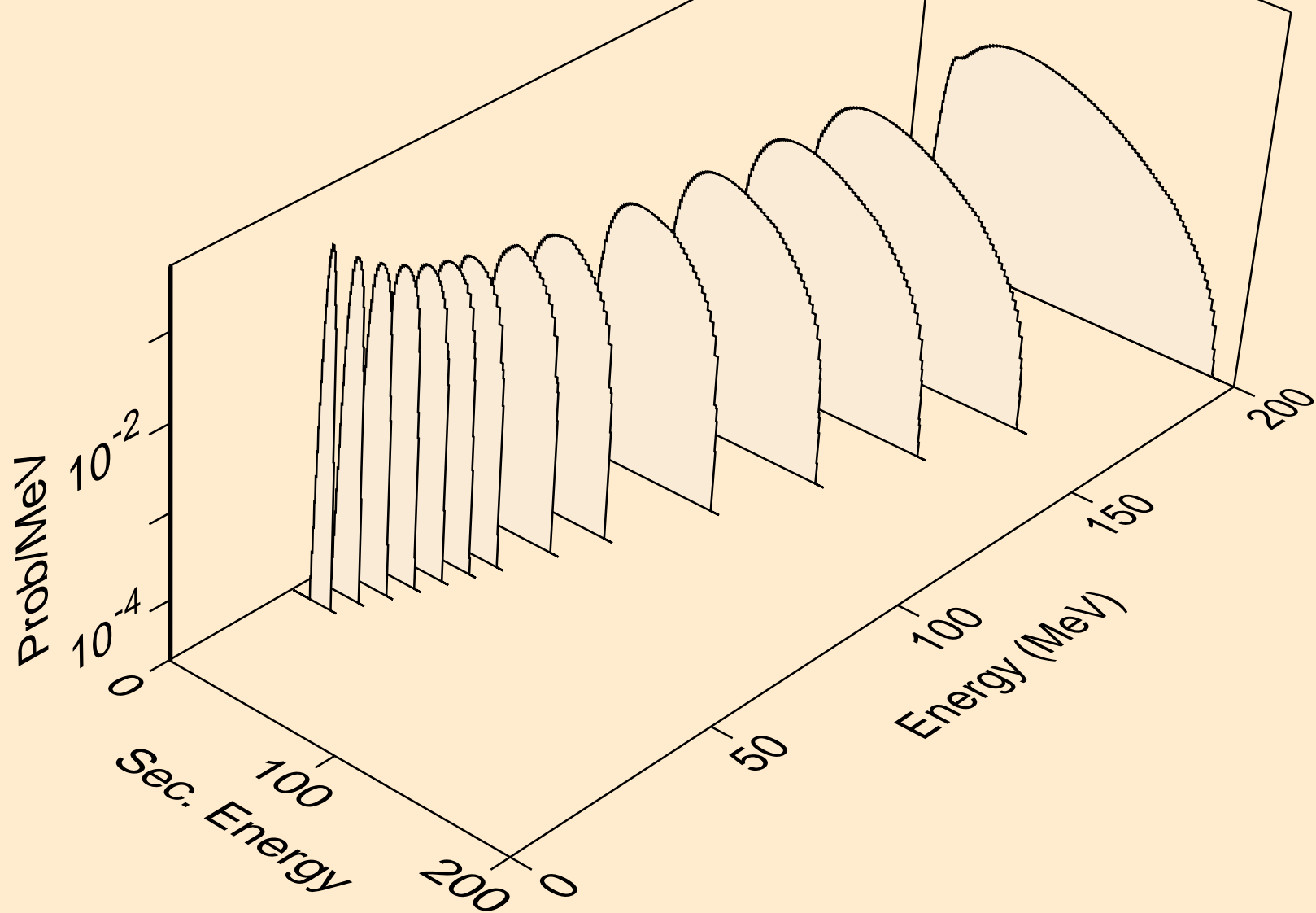
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tritons from (p,t)



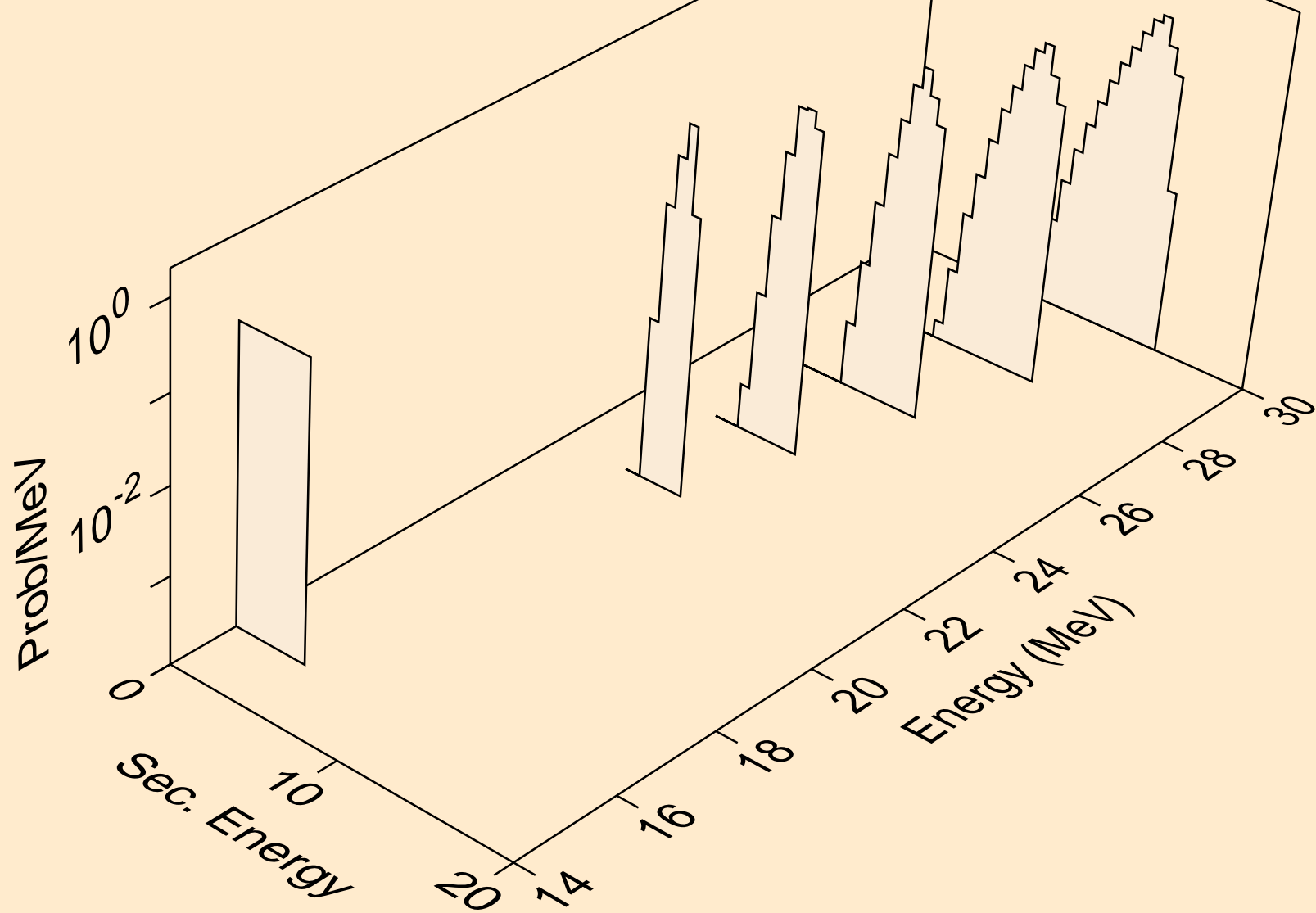
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tritons from (p,pt)



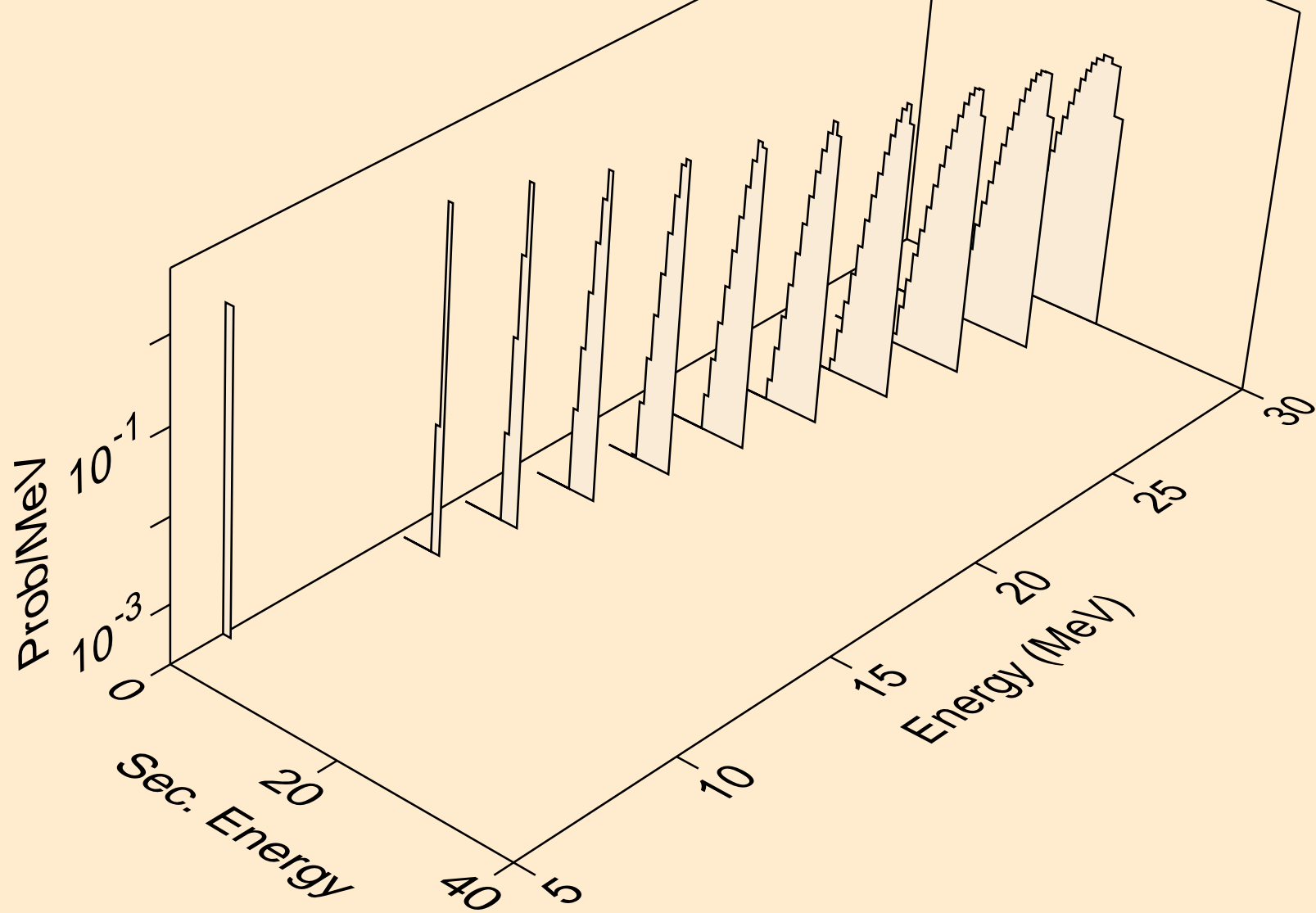
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he3s from (p,x)



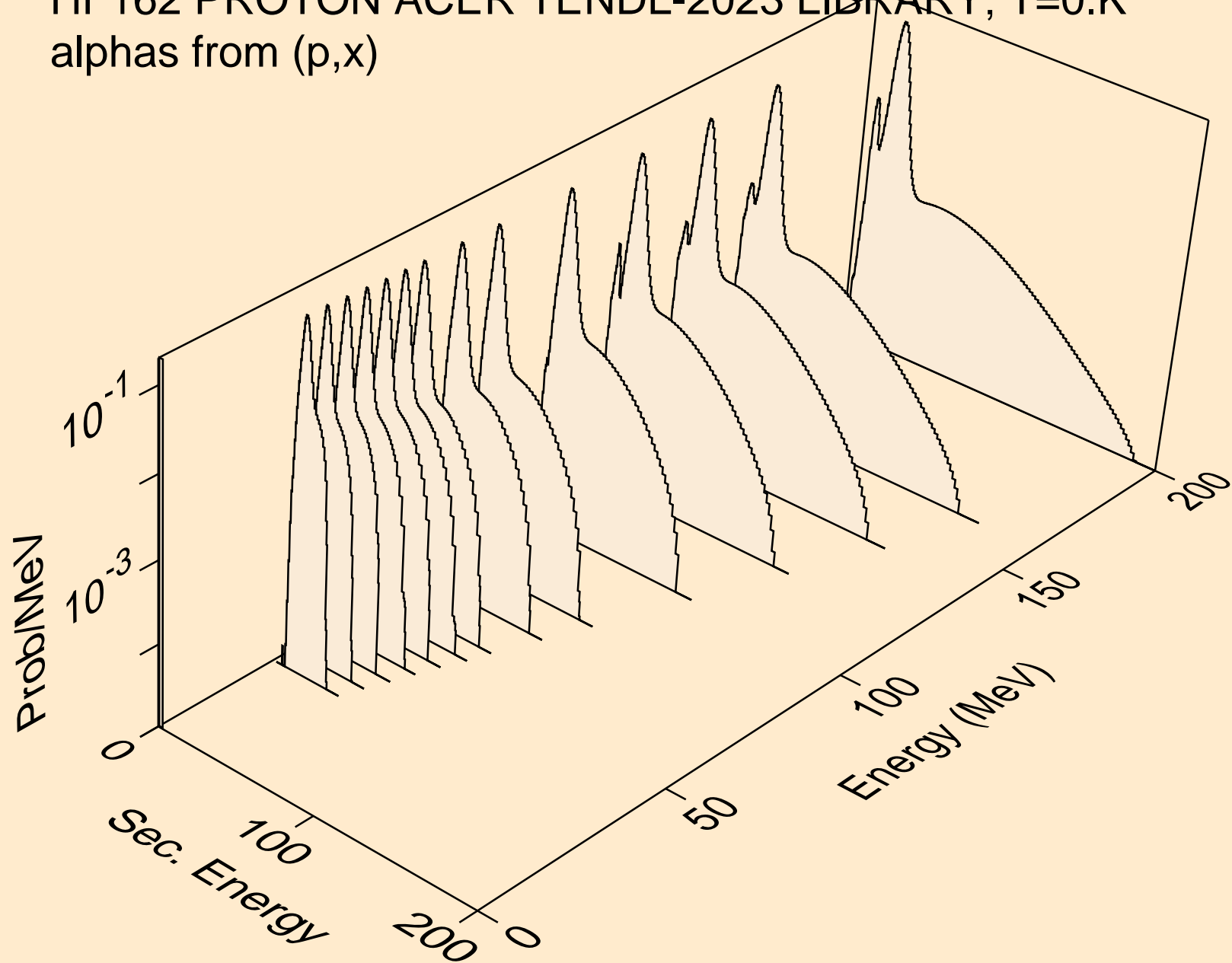
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he3s from (p,n\*)he3



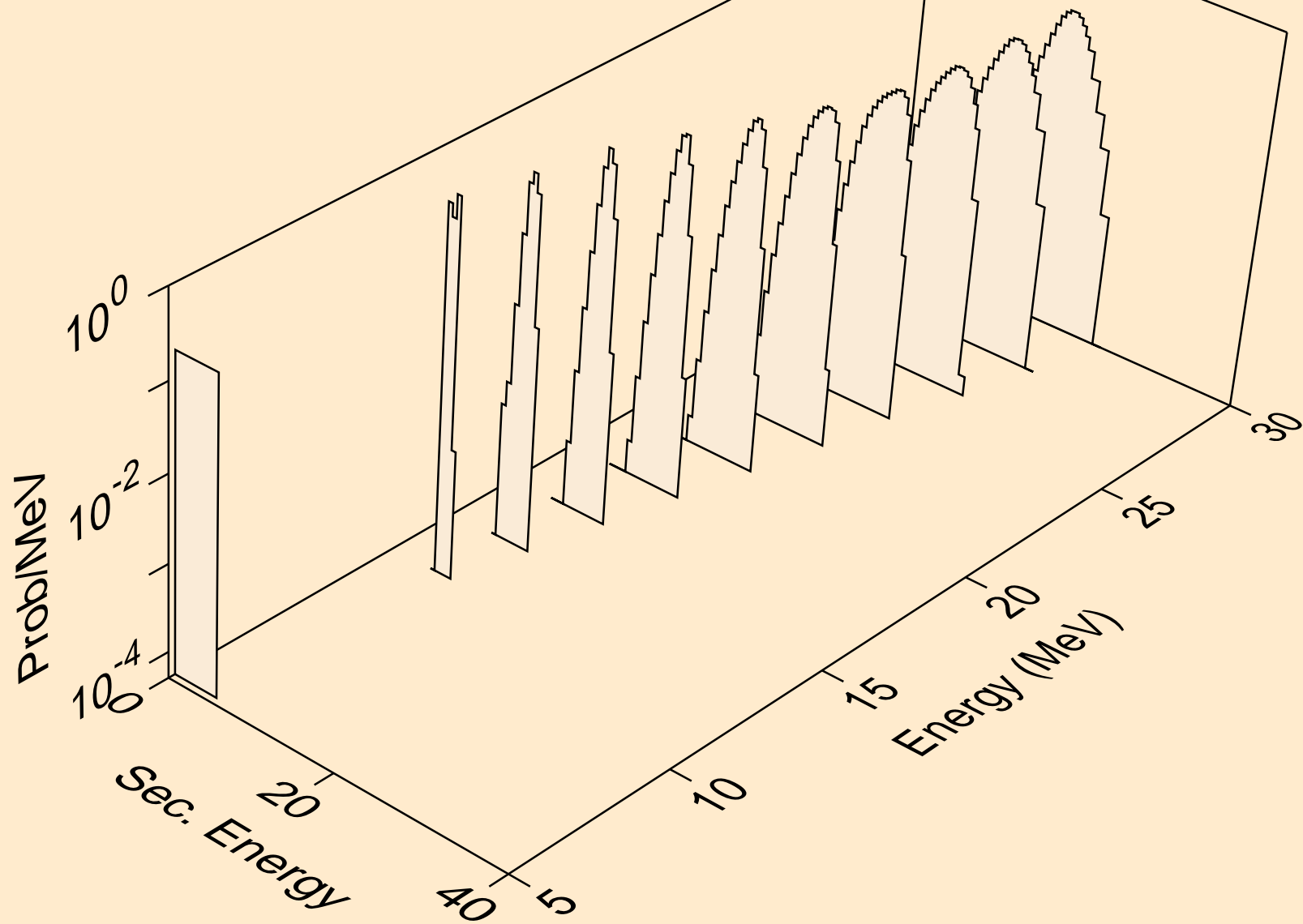
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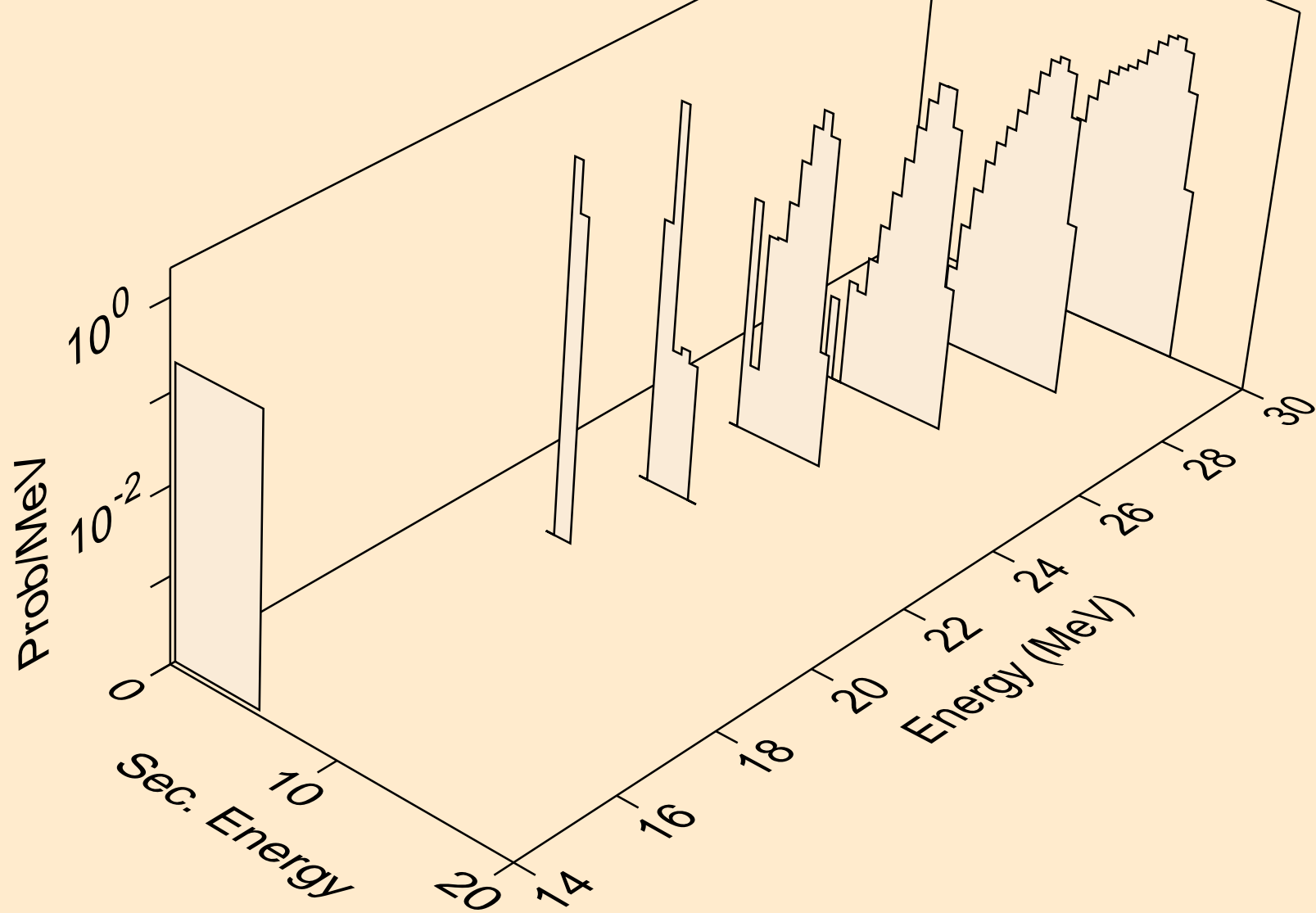
HF162 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



HF162 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a

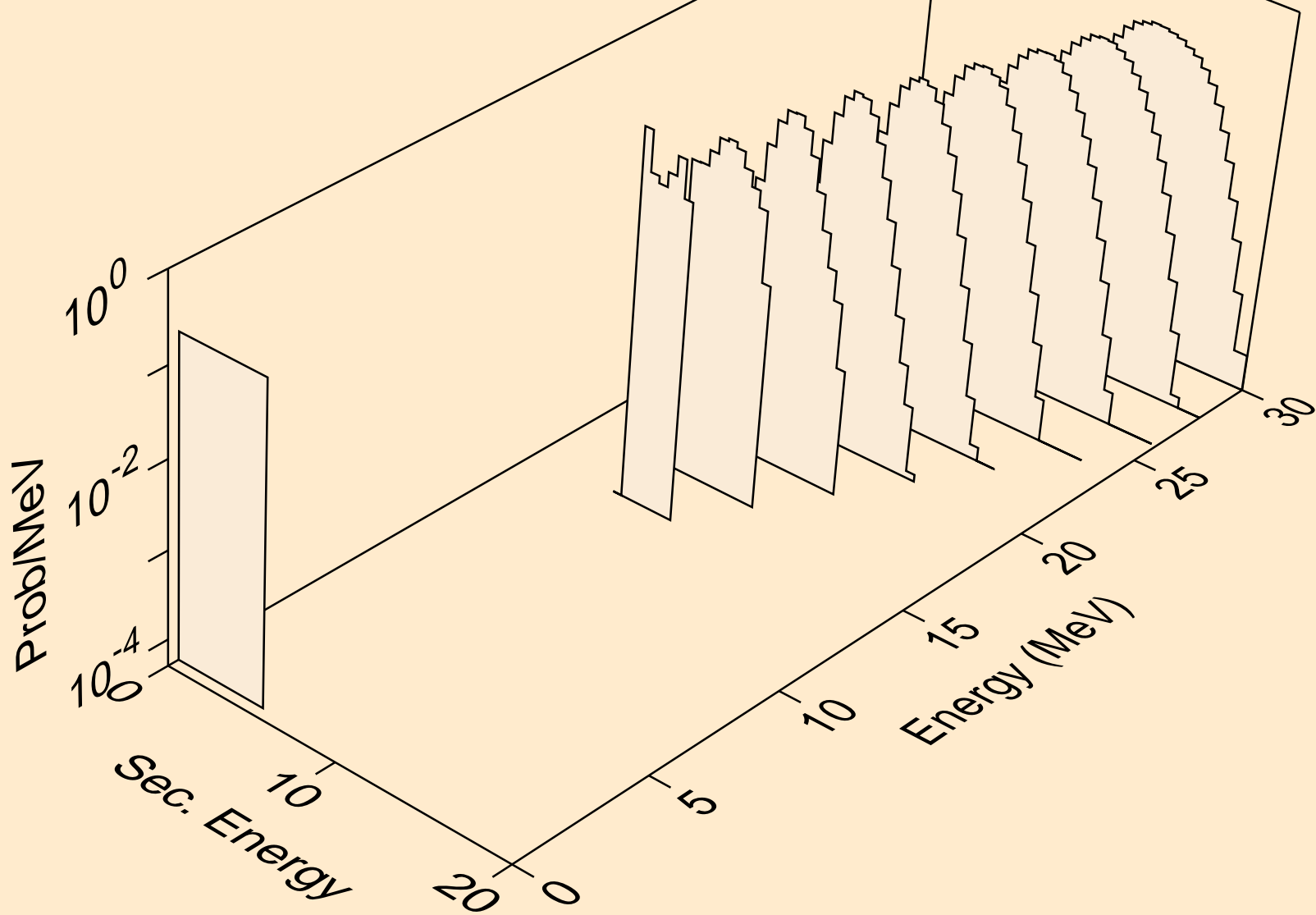


HF162 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a

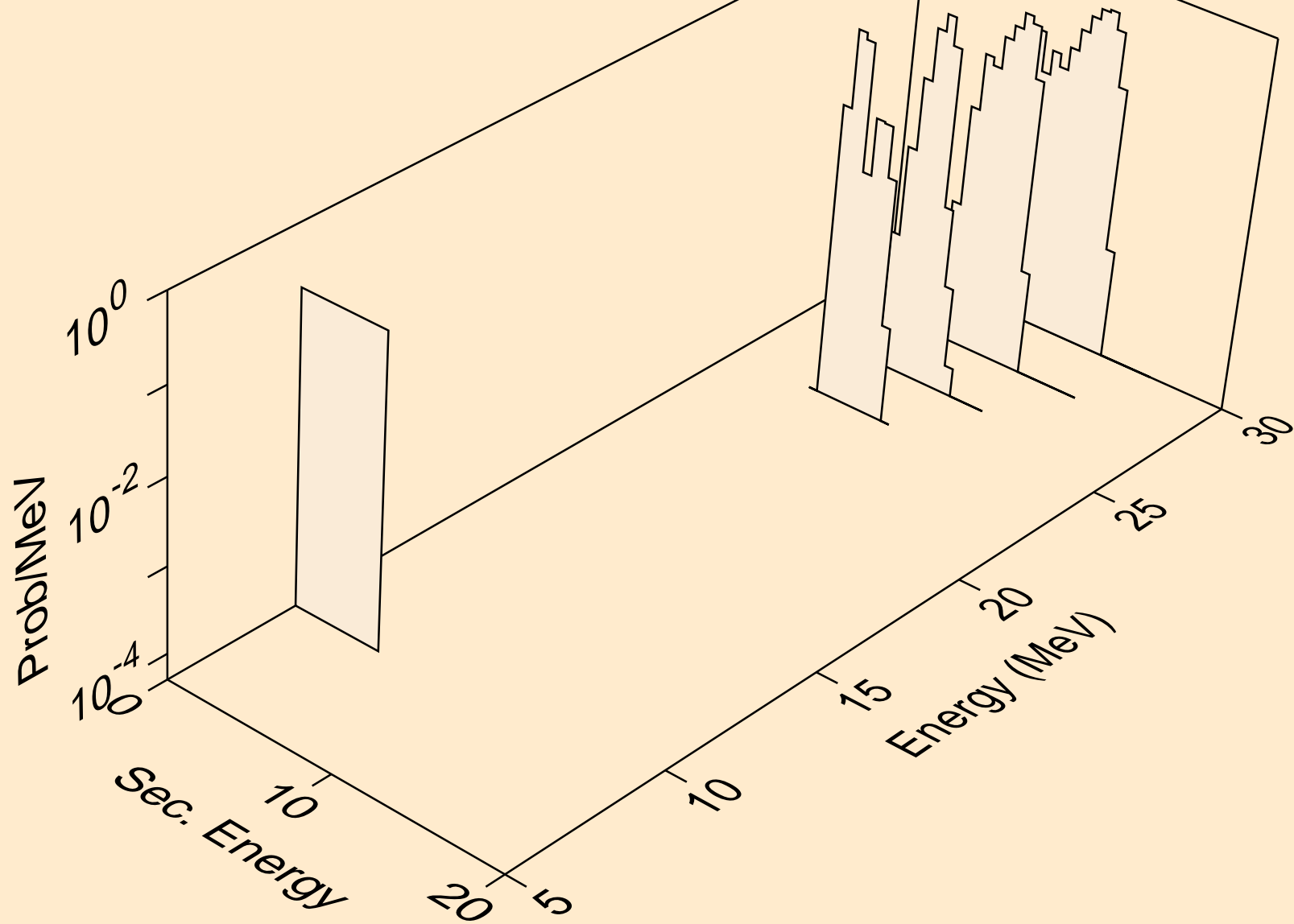




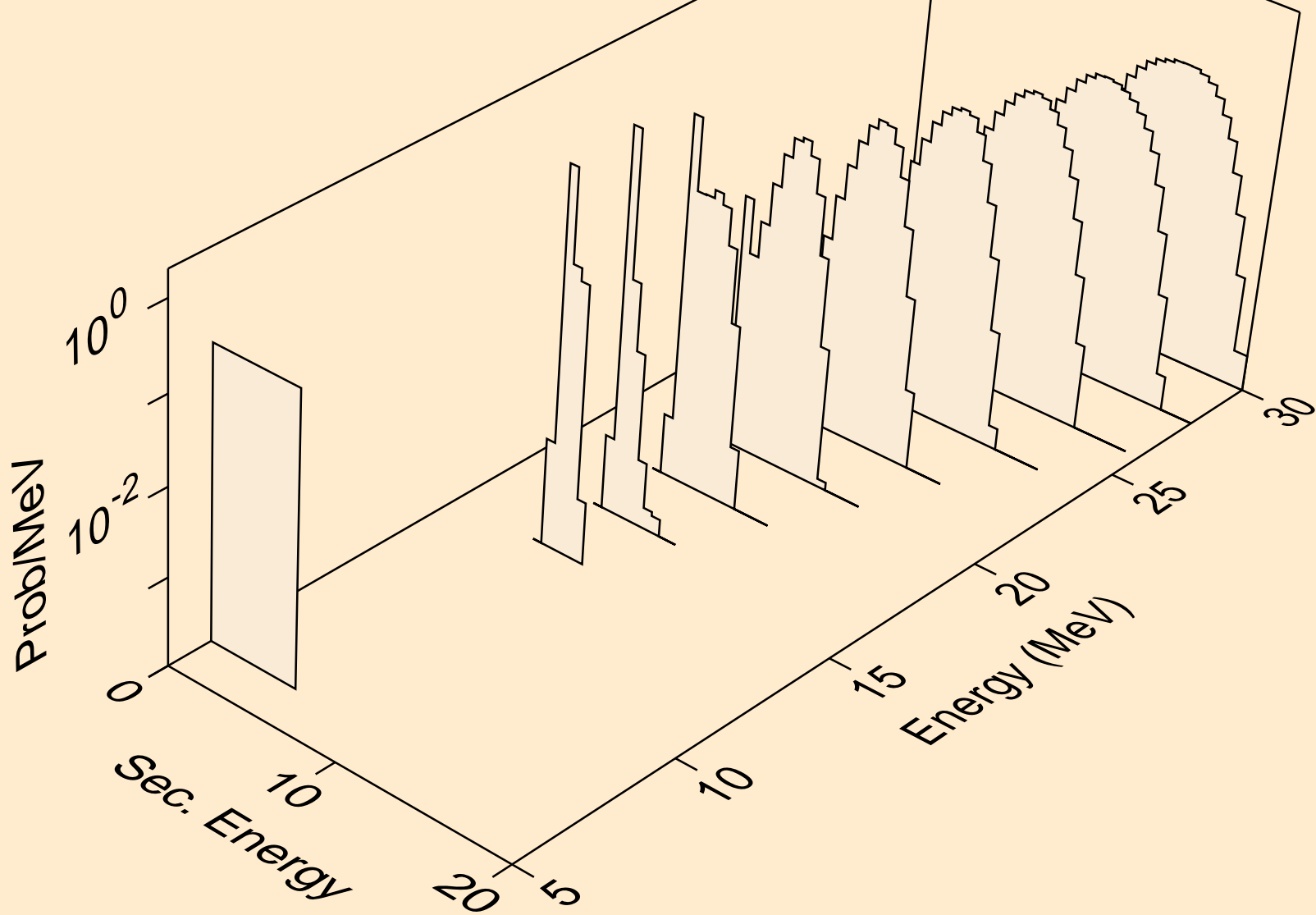
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alphas from (p,n\*)2a



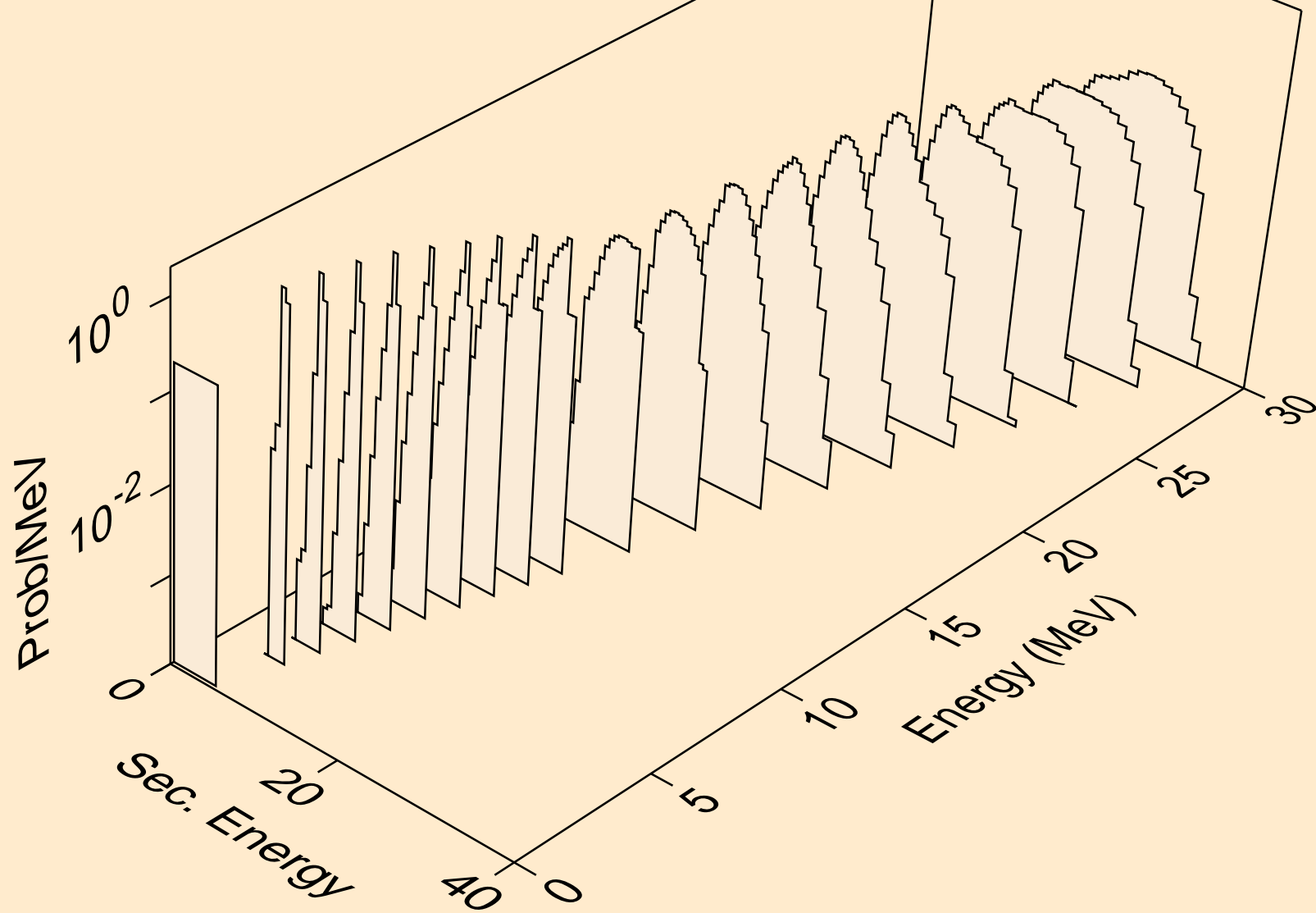
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alphas from (p,2n)2a



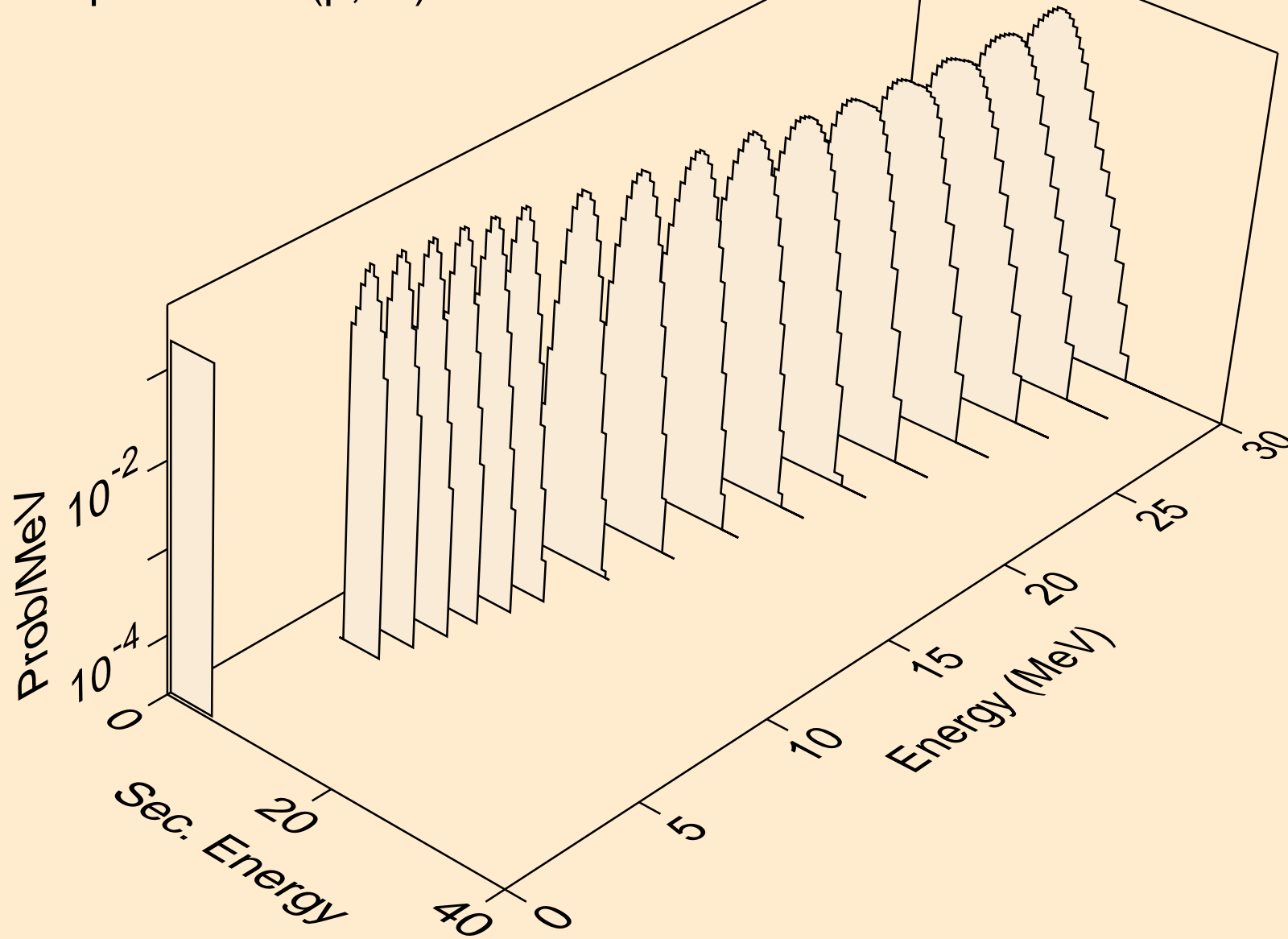
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alphas from (p,npa)



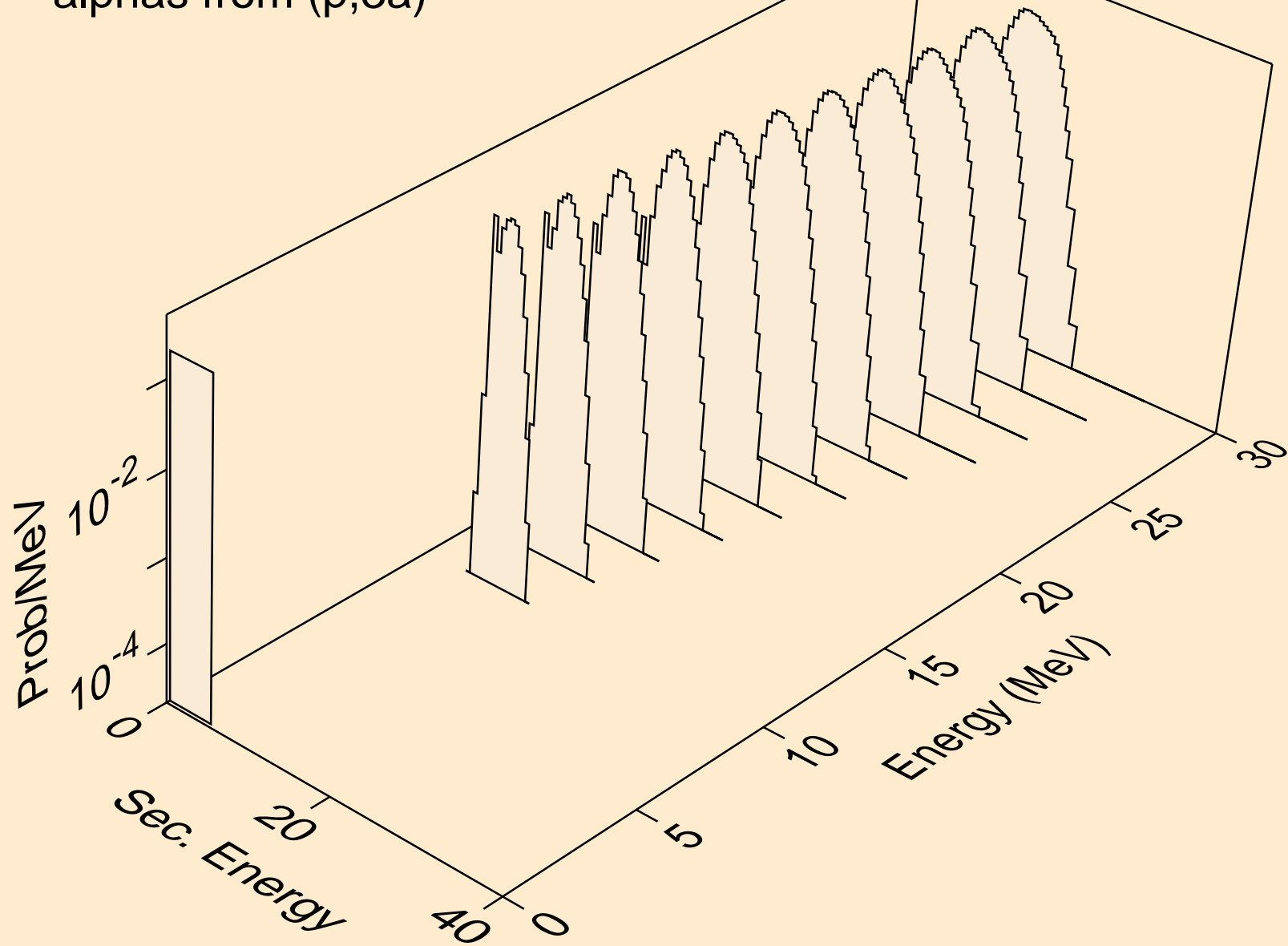
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alphas from (p,a)



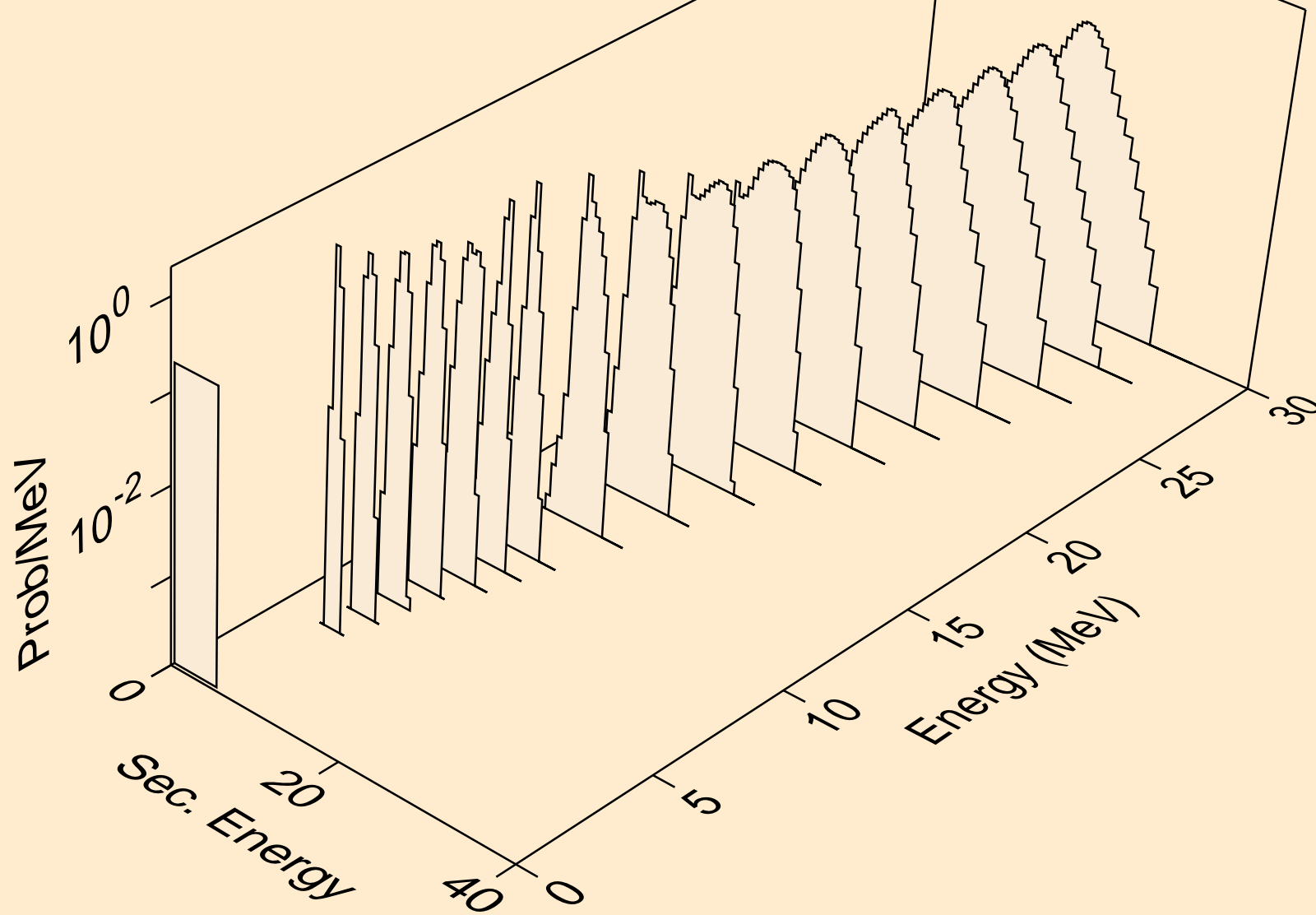
HF162 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2a)



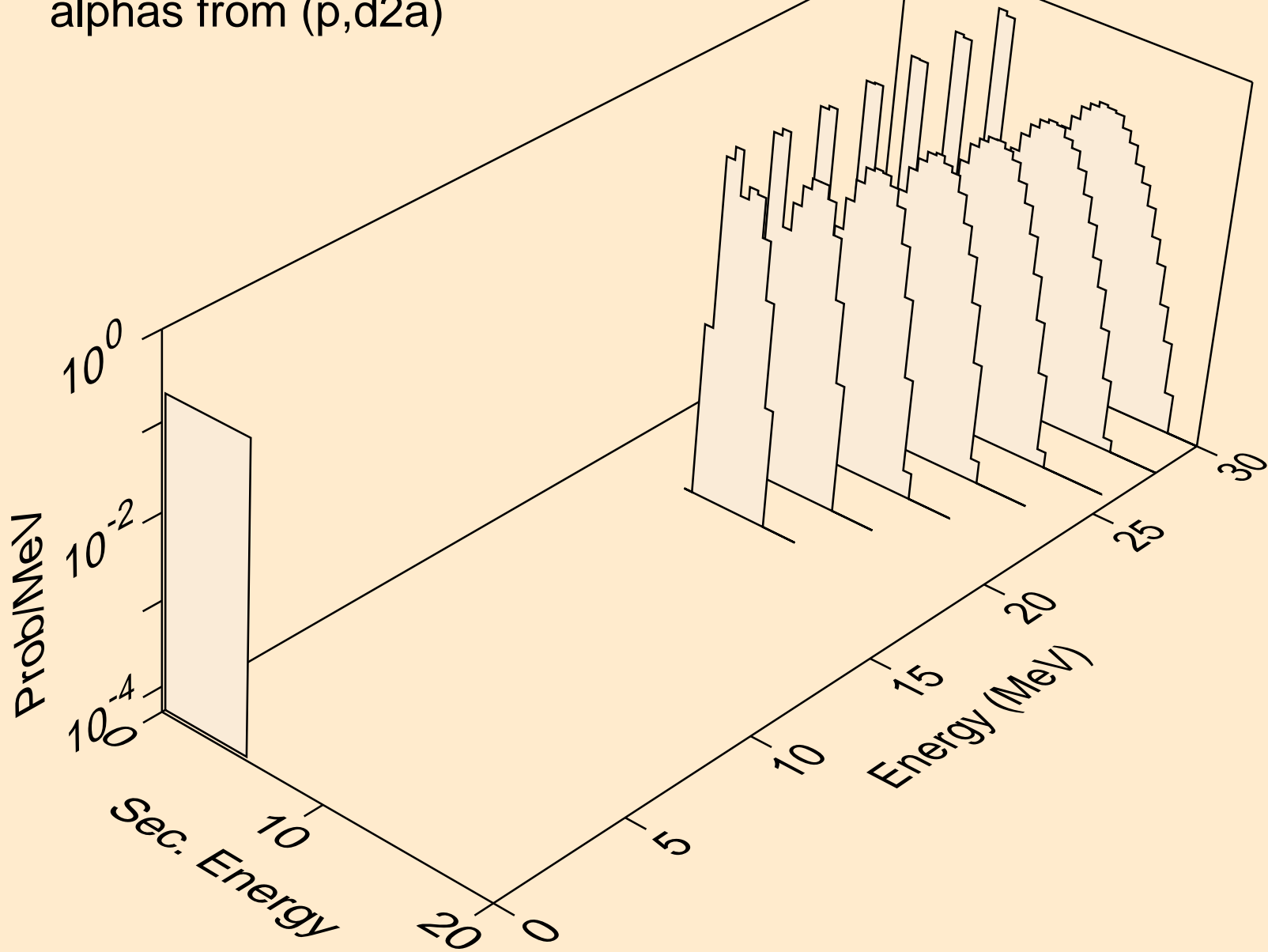
HF162 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,3a)



HF162 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,pa)



HF162 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,d2a)





HF162 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,da)

