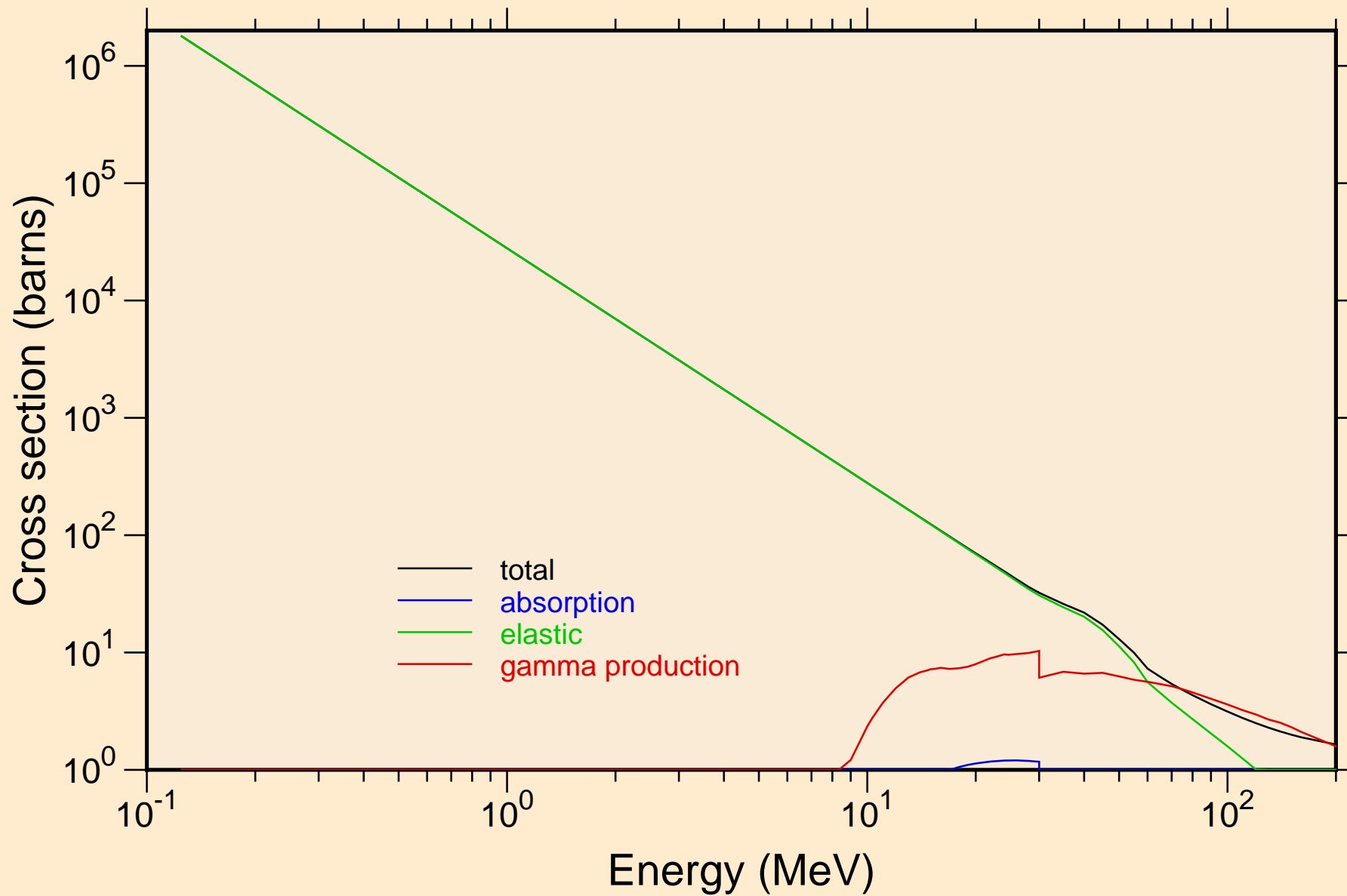
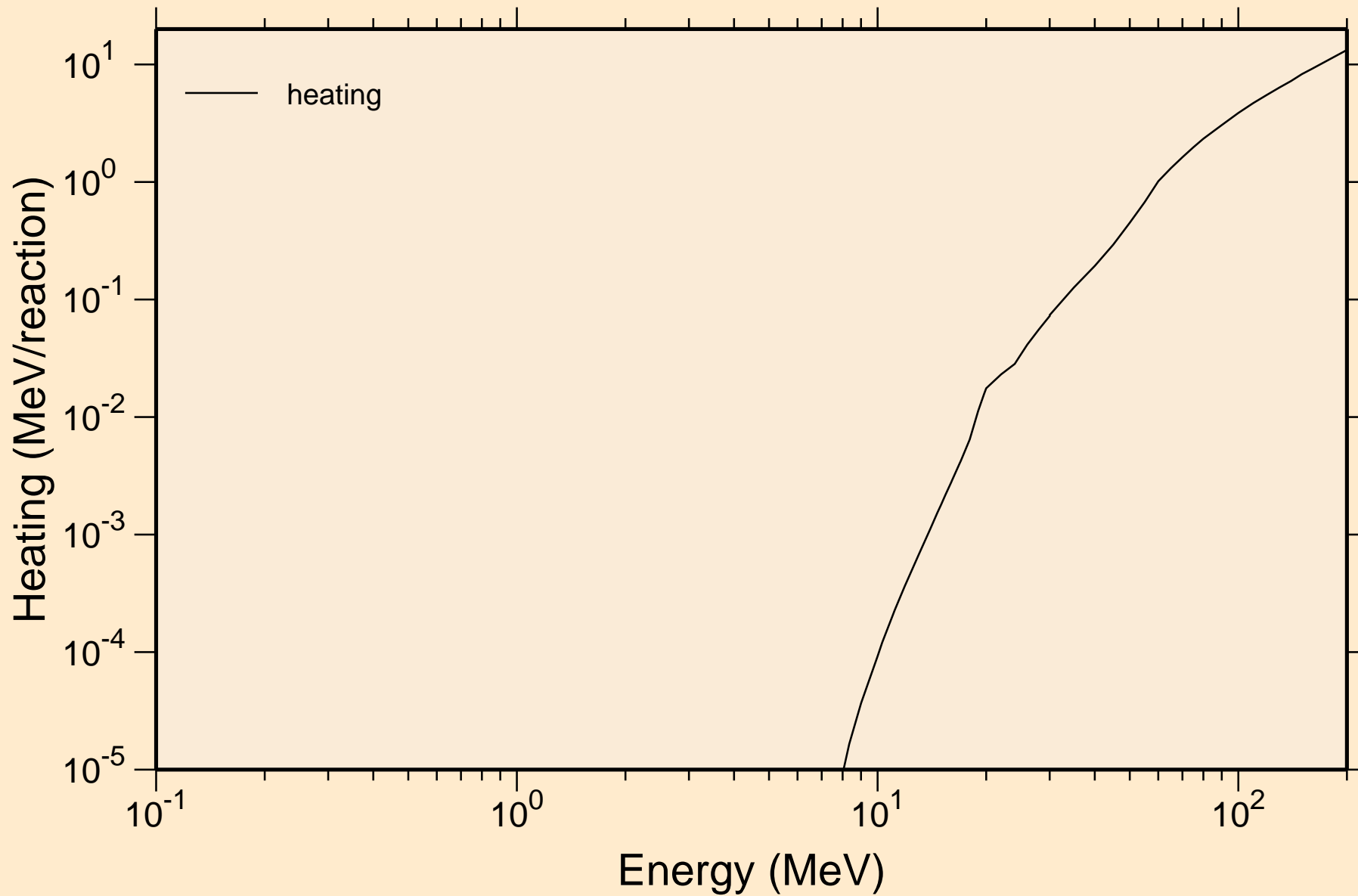


# HO156N PROTON ACER TENDL-2021 LIBRARY; T=0.K

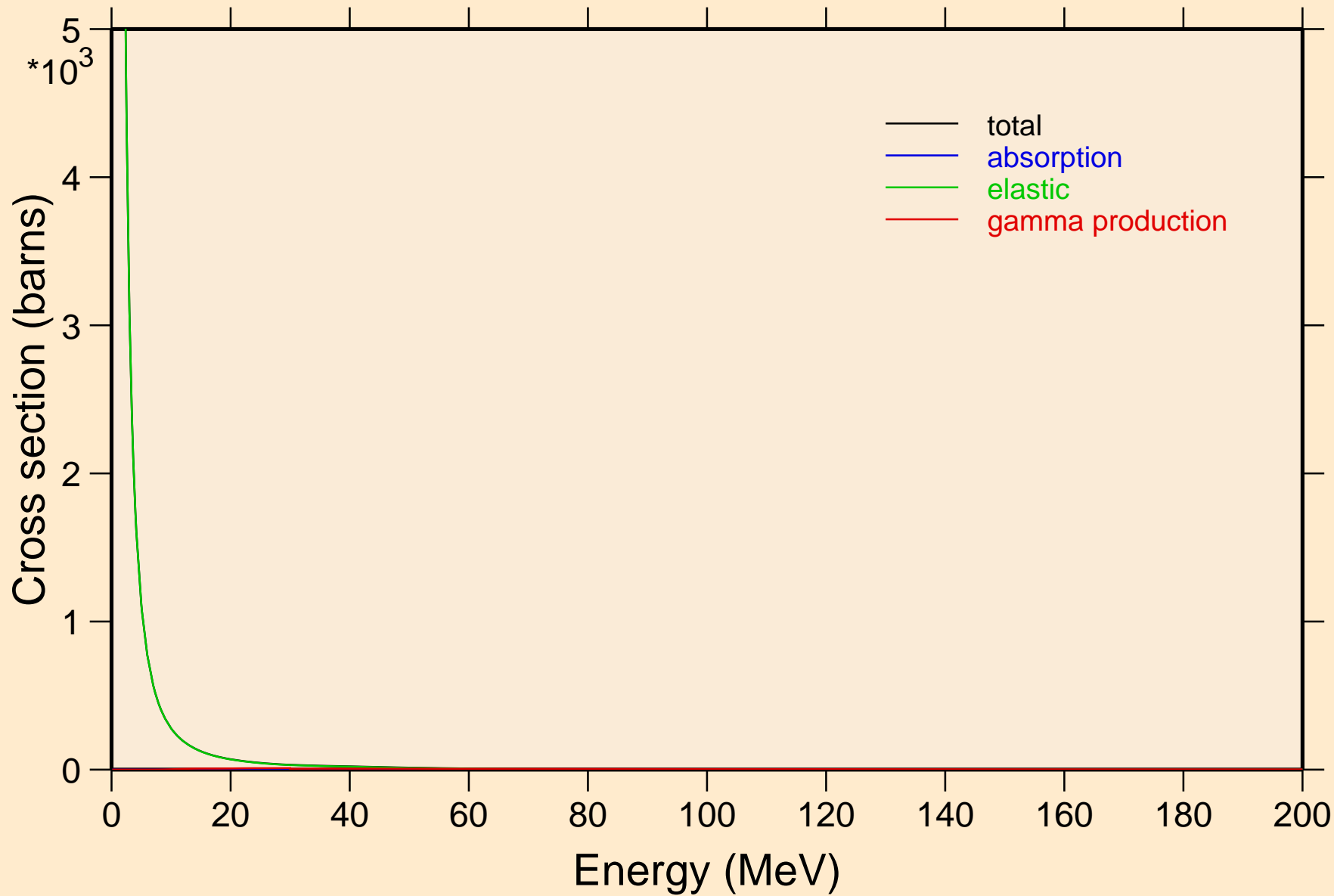
## Principal cross sections



HO156N PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Heating

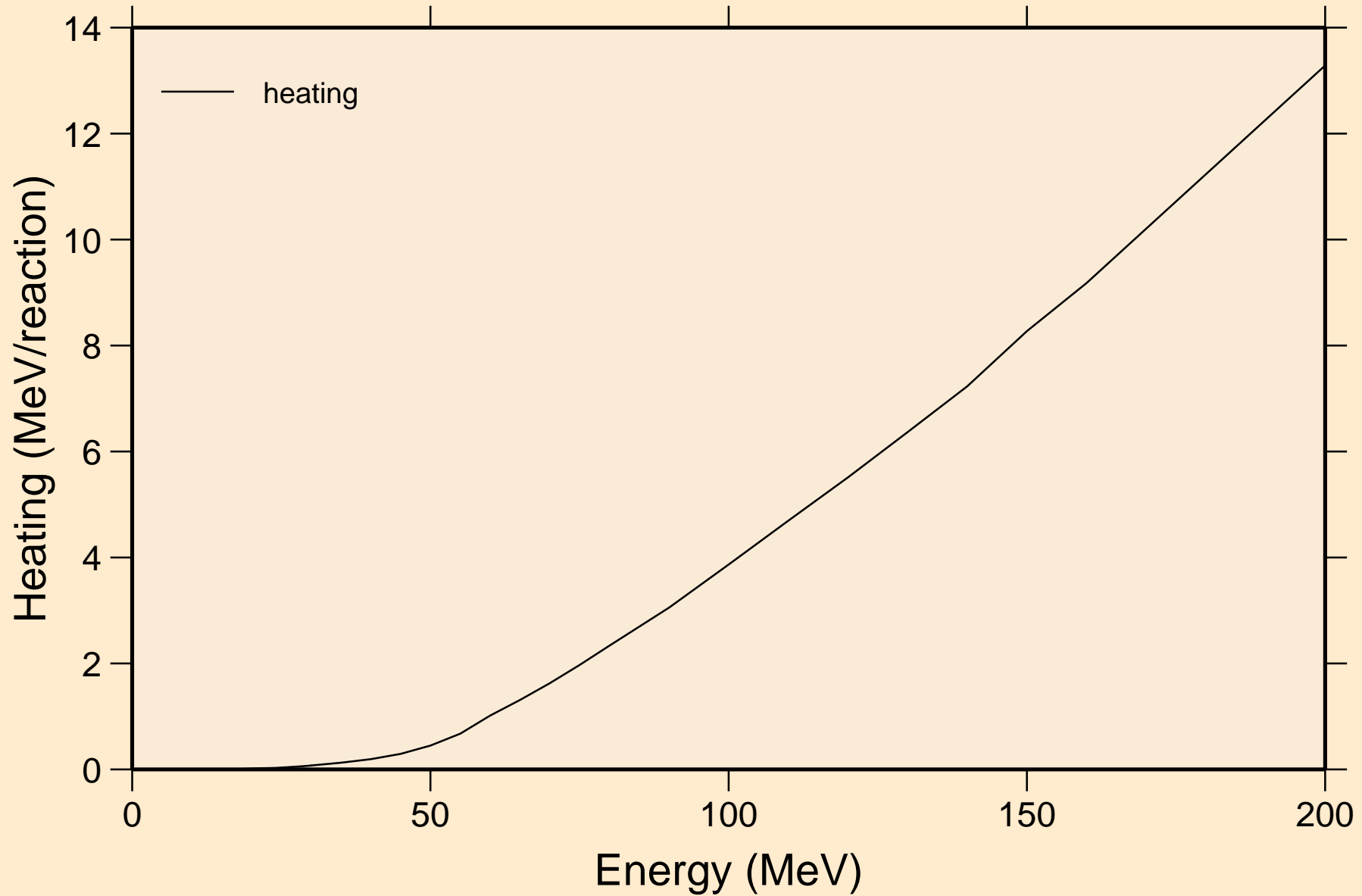


HO156N PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



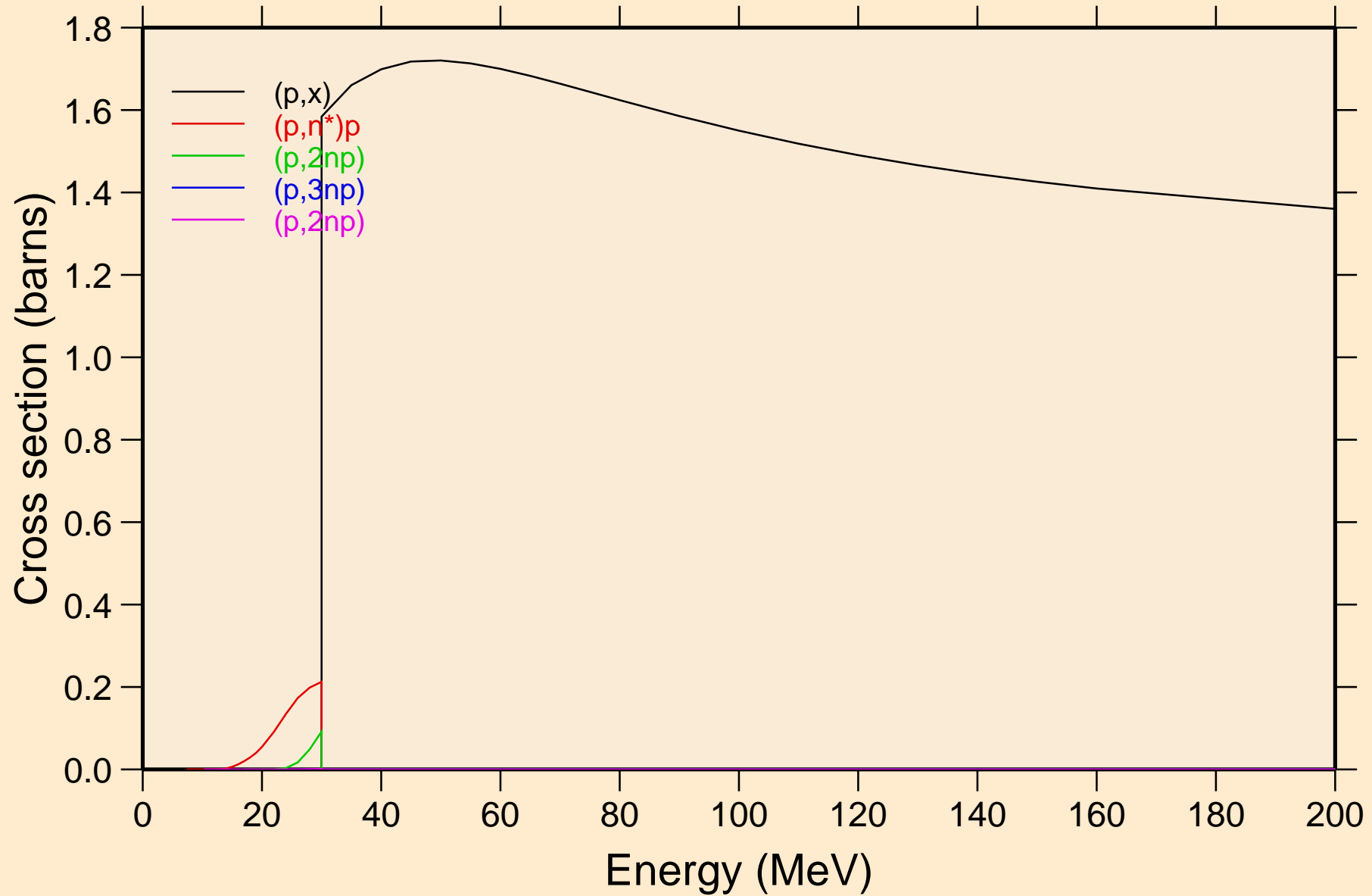
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## Heating



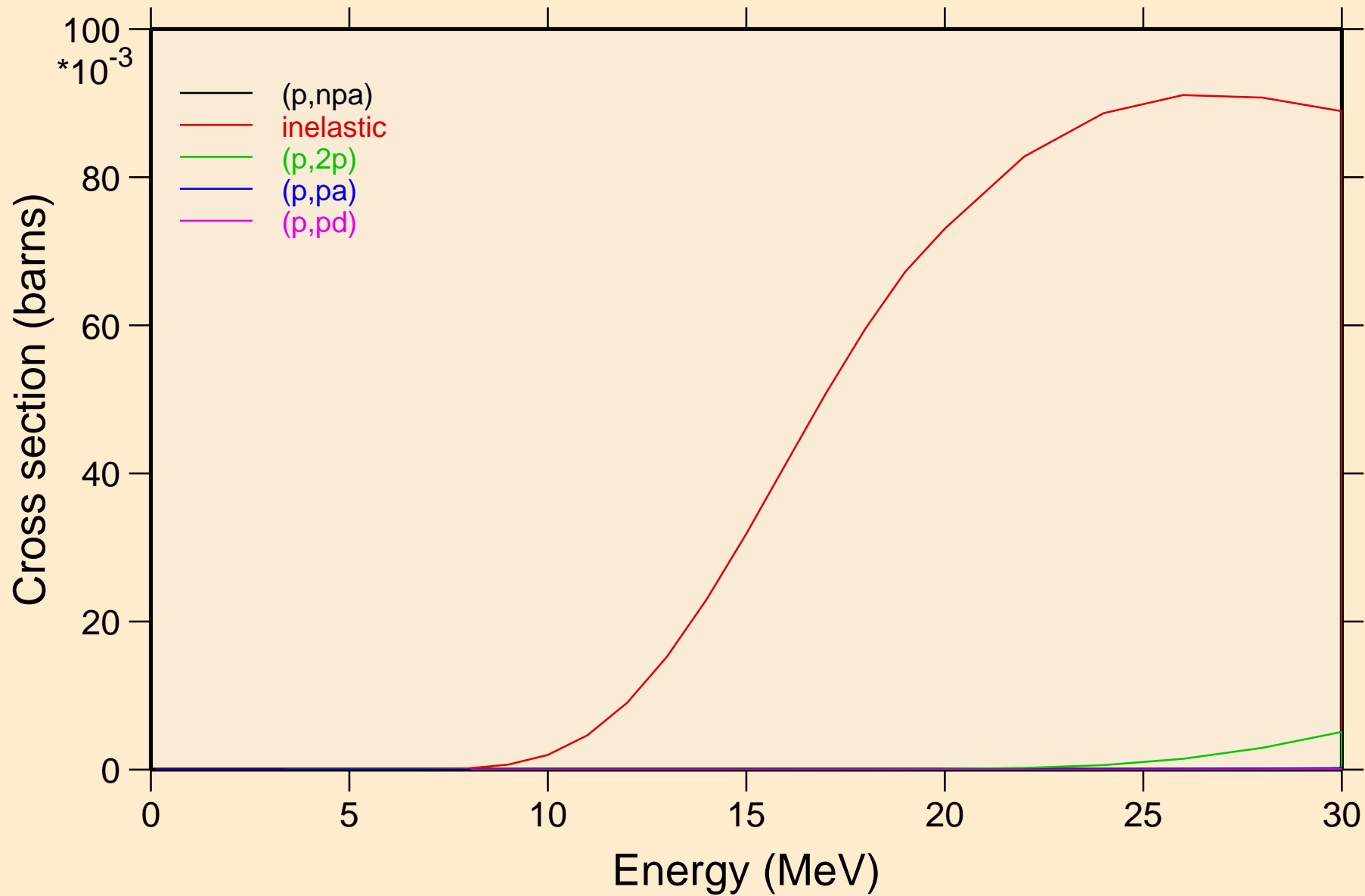
# HO156N PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Threshold reactions

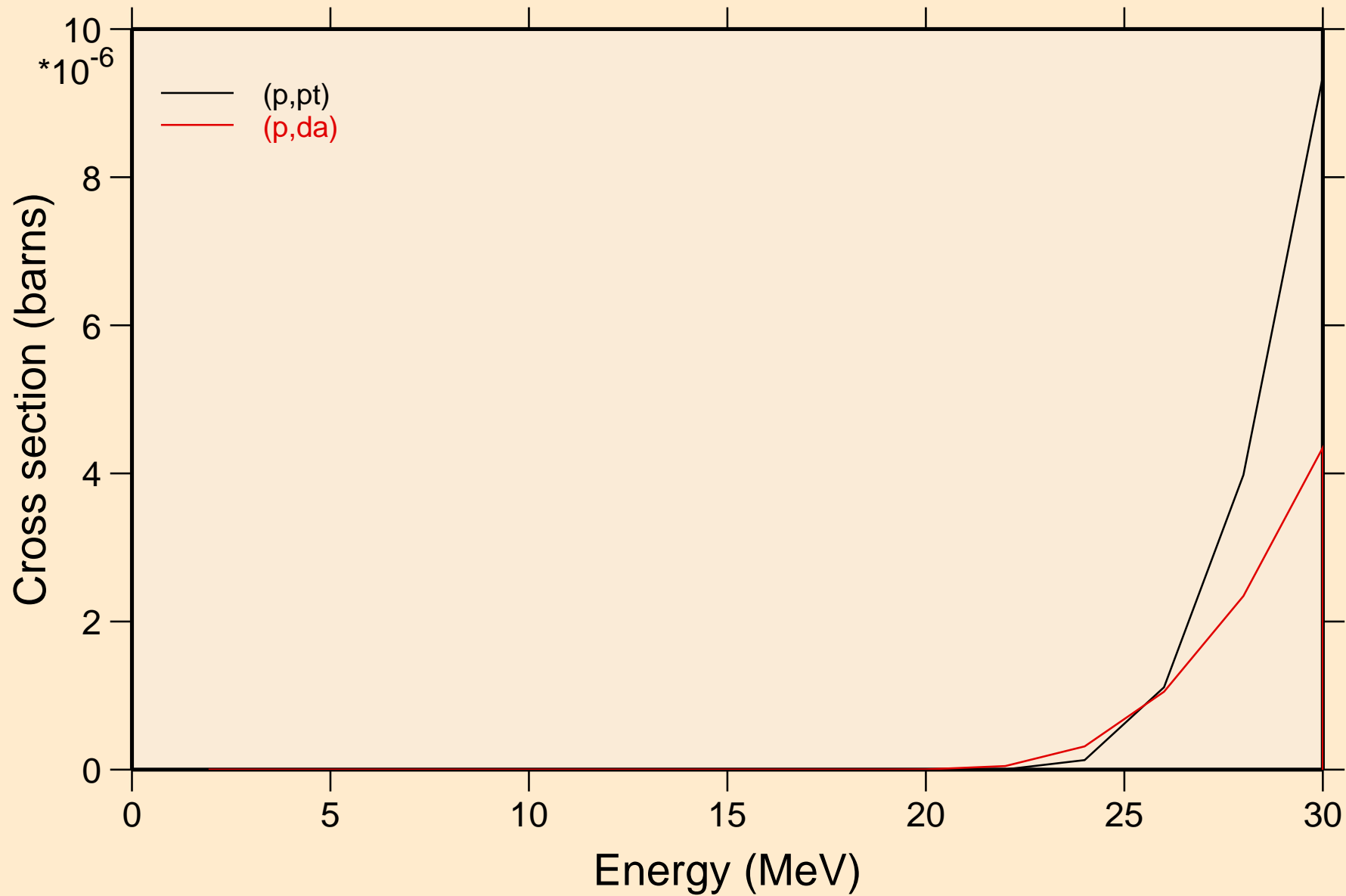


# HO156N PROTON ACER TENDL-2021 LIBRARY; T=0.K

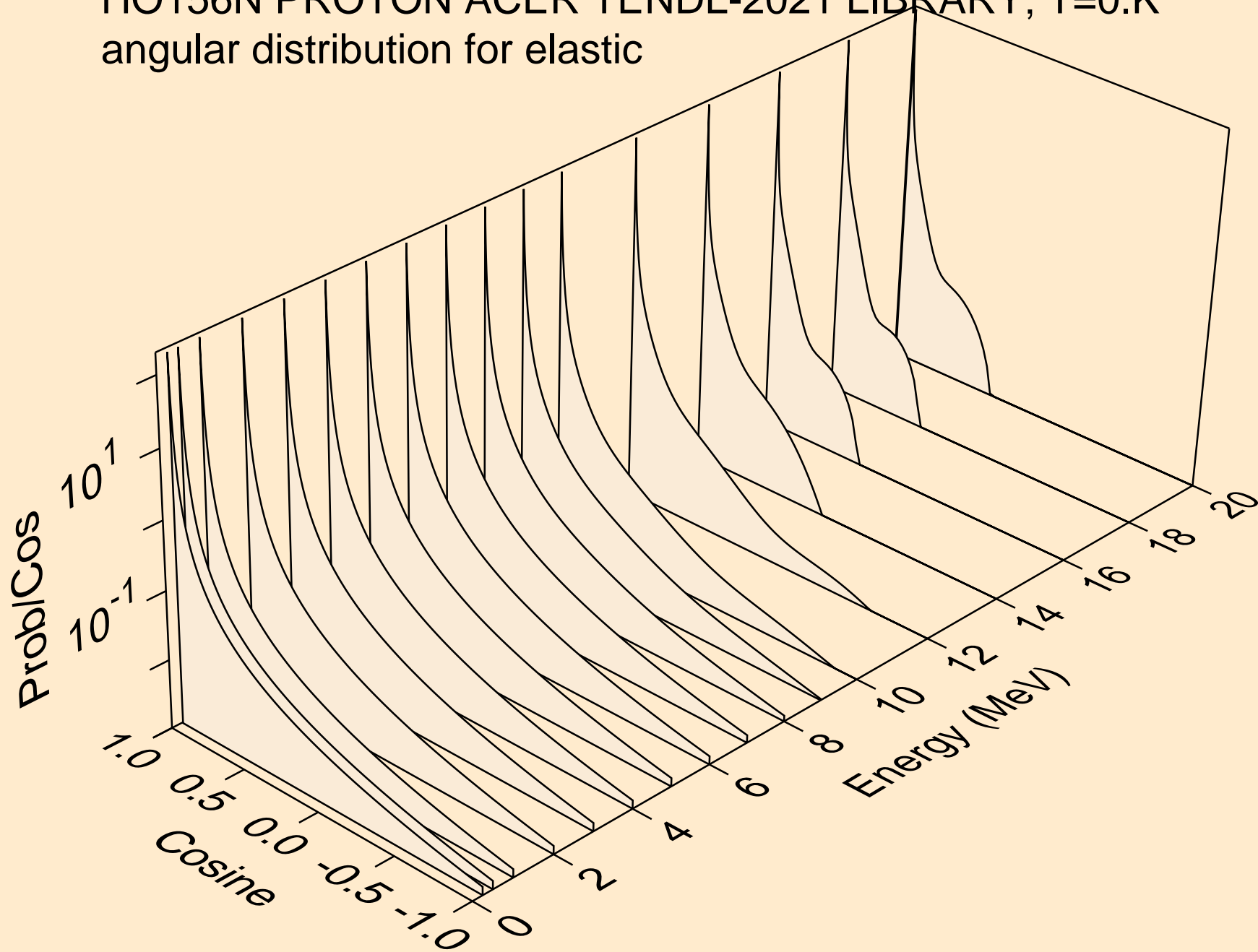
## Threshold reactions



HO156N PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

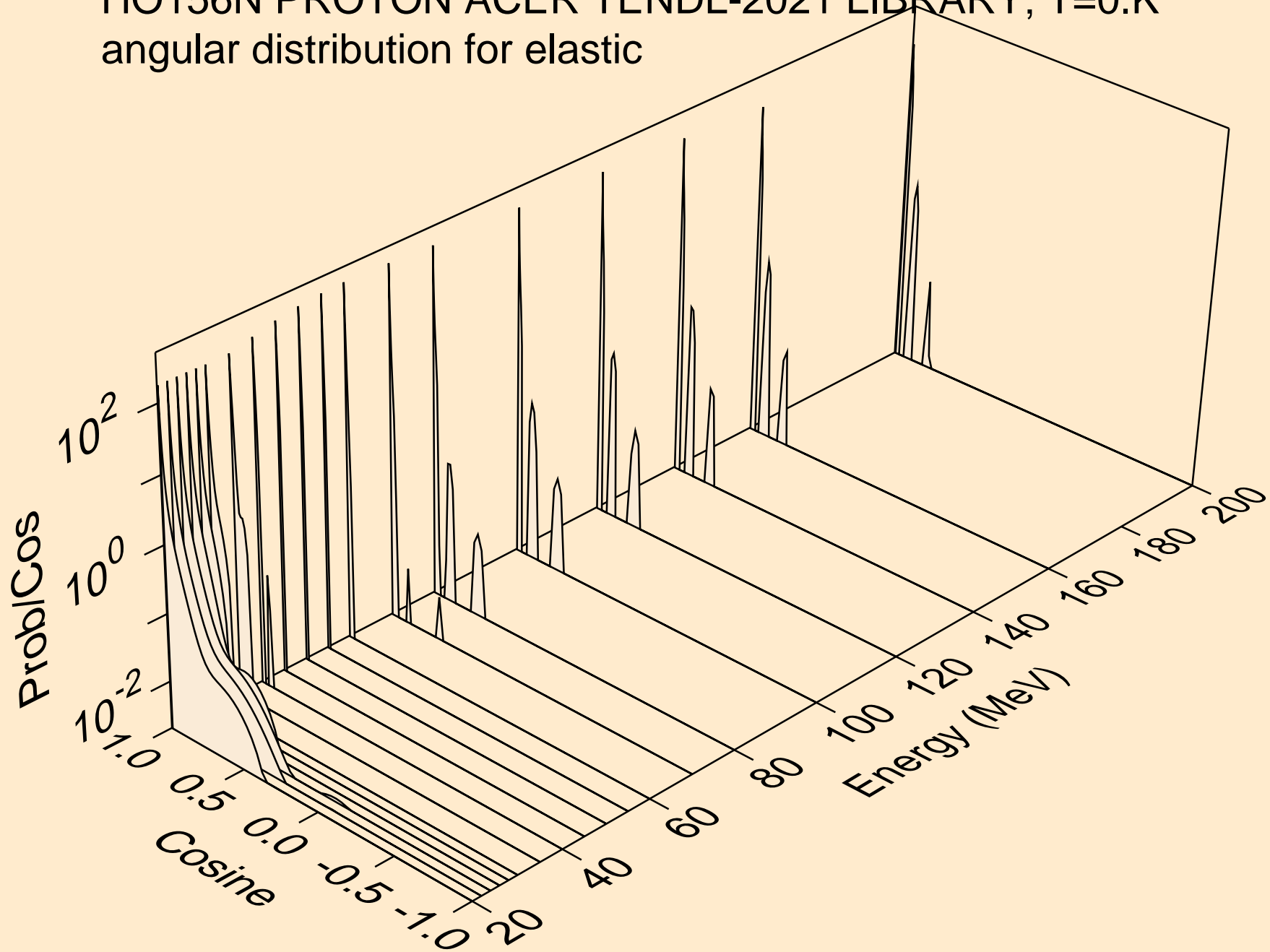


HO156N PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

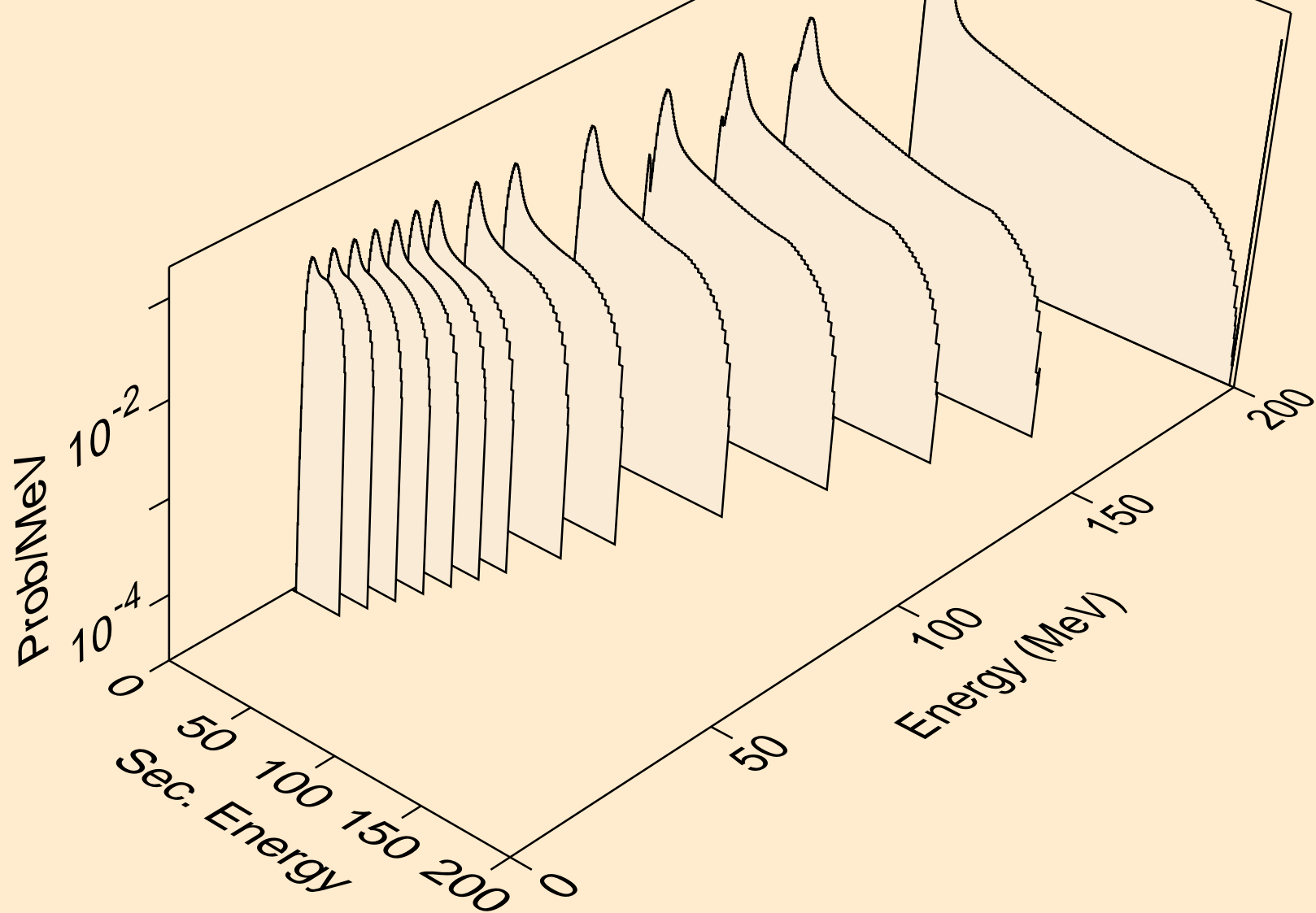




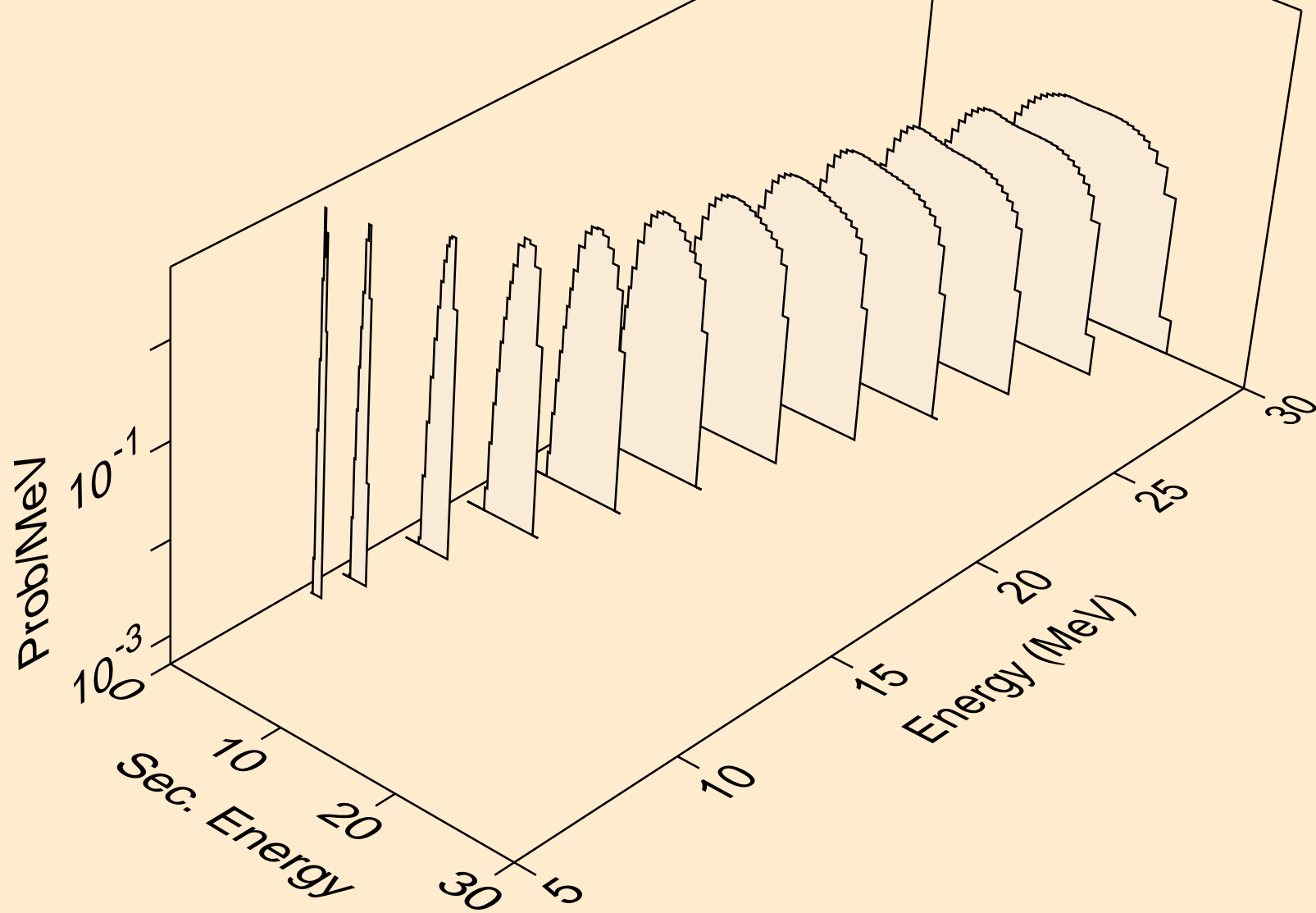
HO156N PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



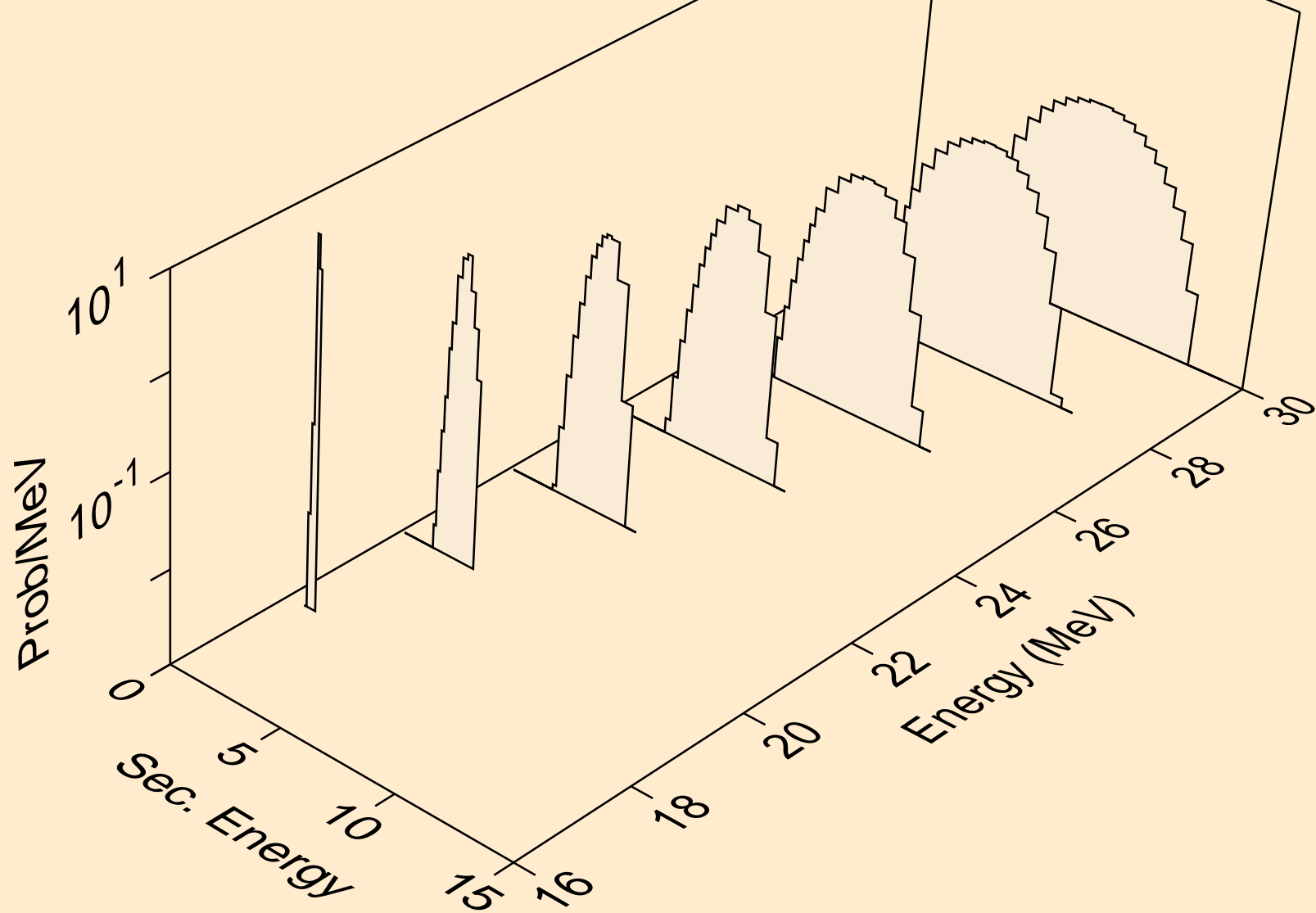
HO156N PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,x)



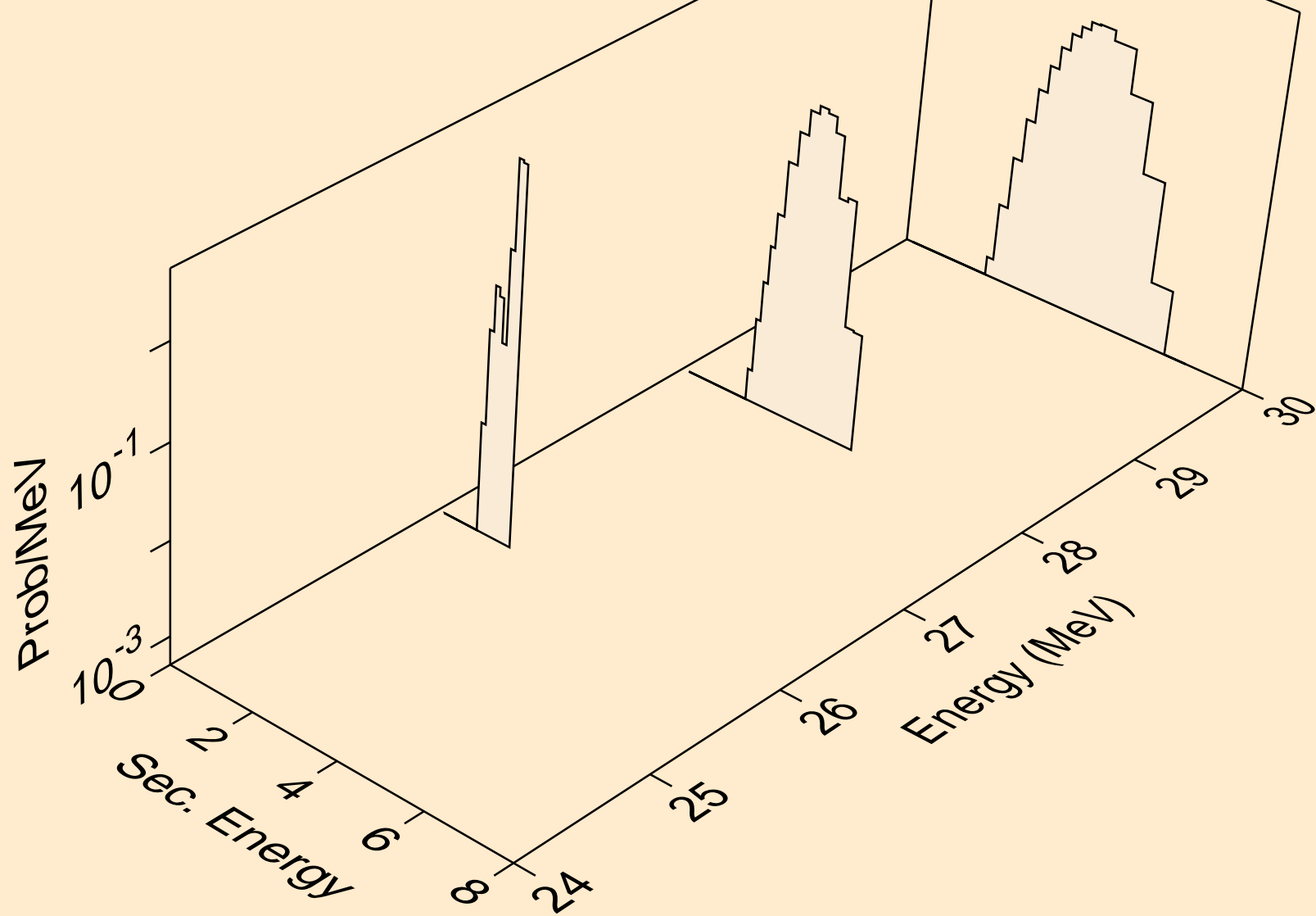
HO156N PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



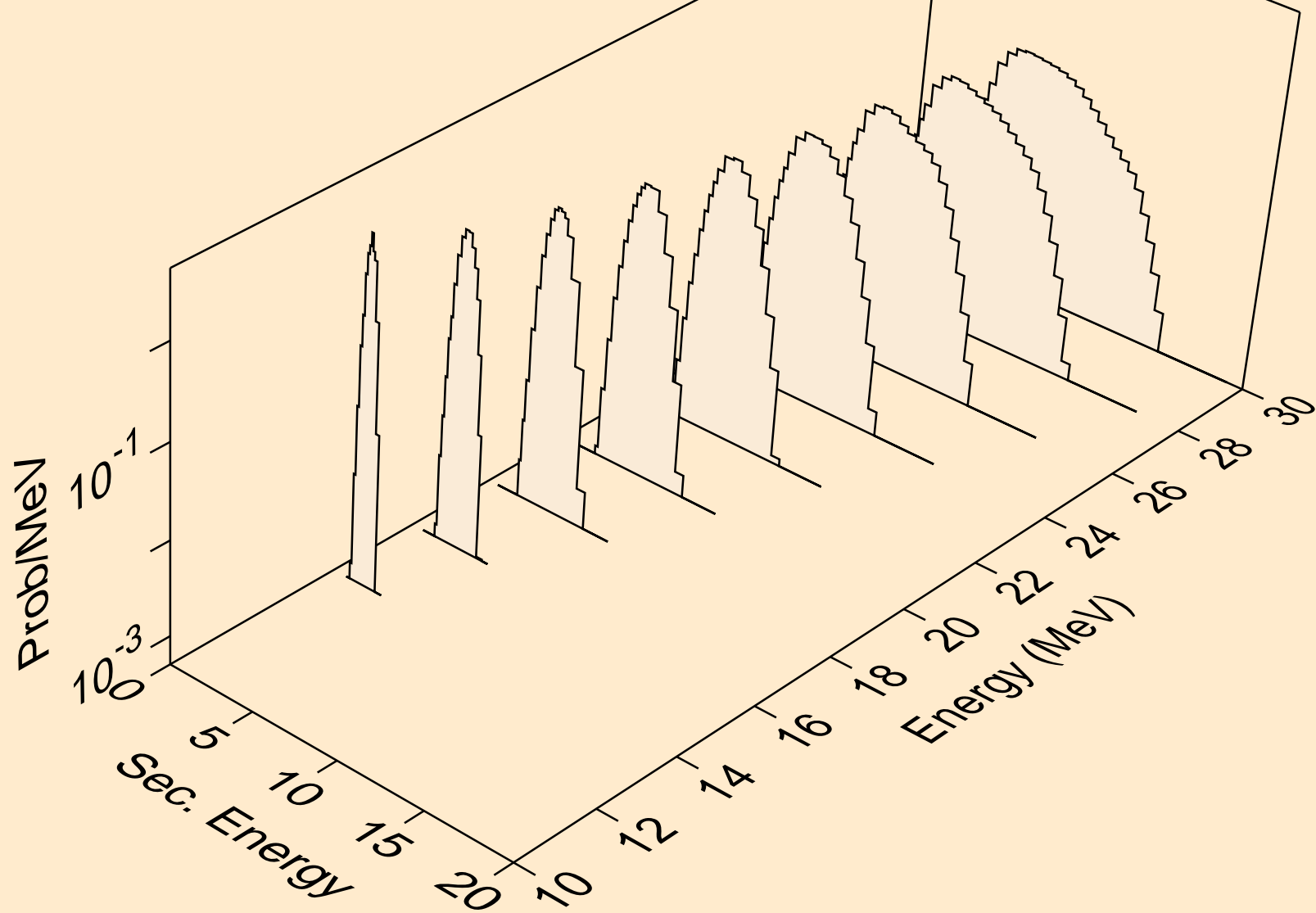
HO156N PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)



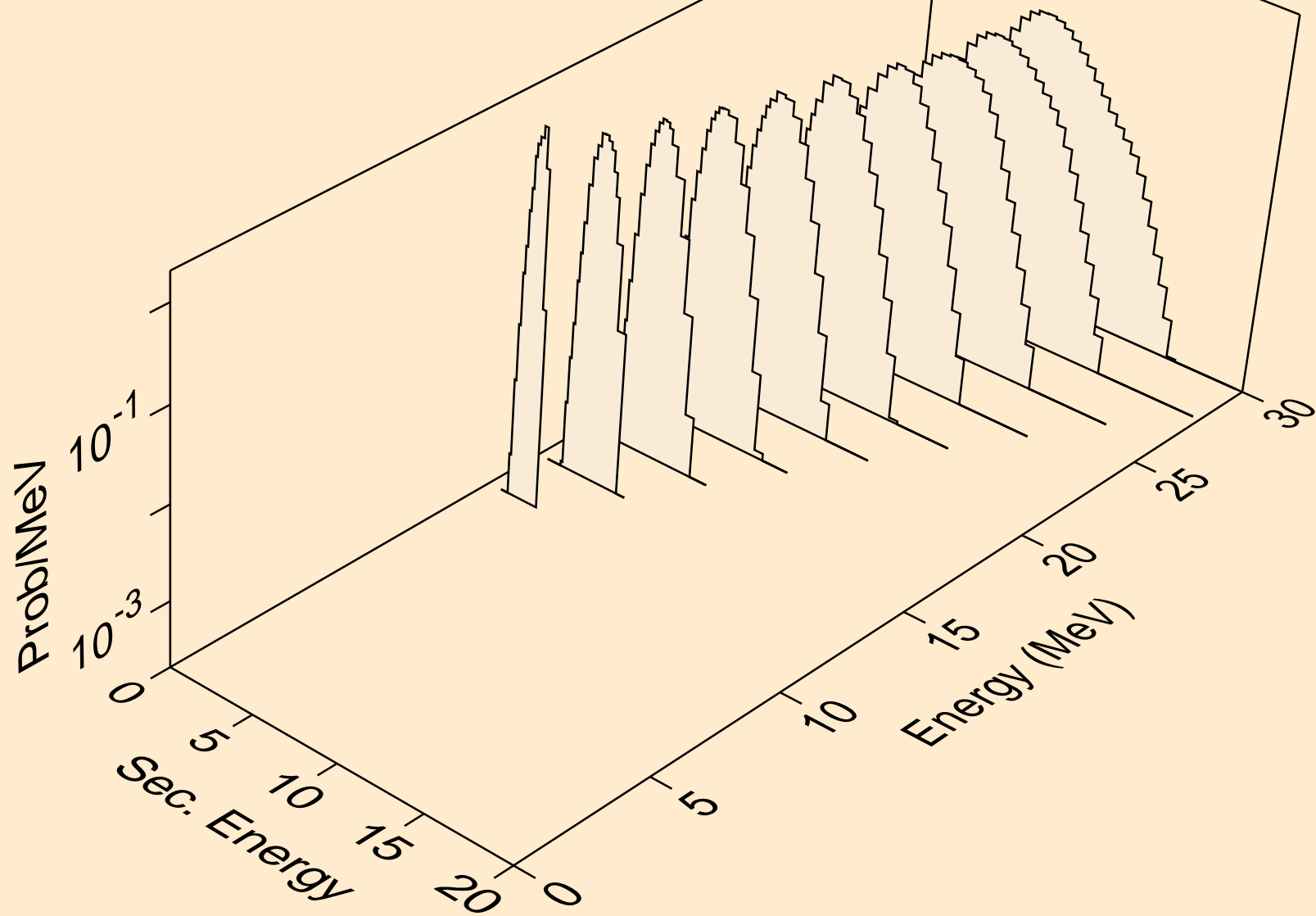
HO156N PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,3np)



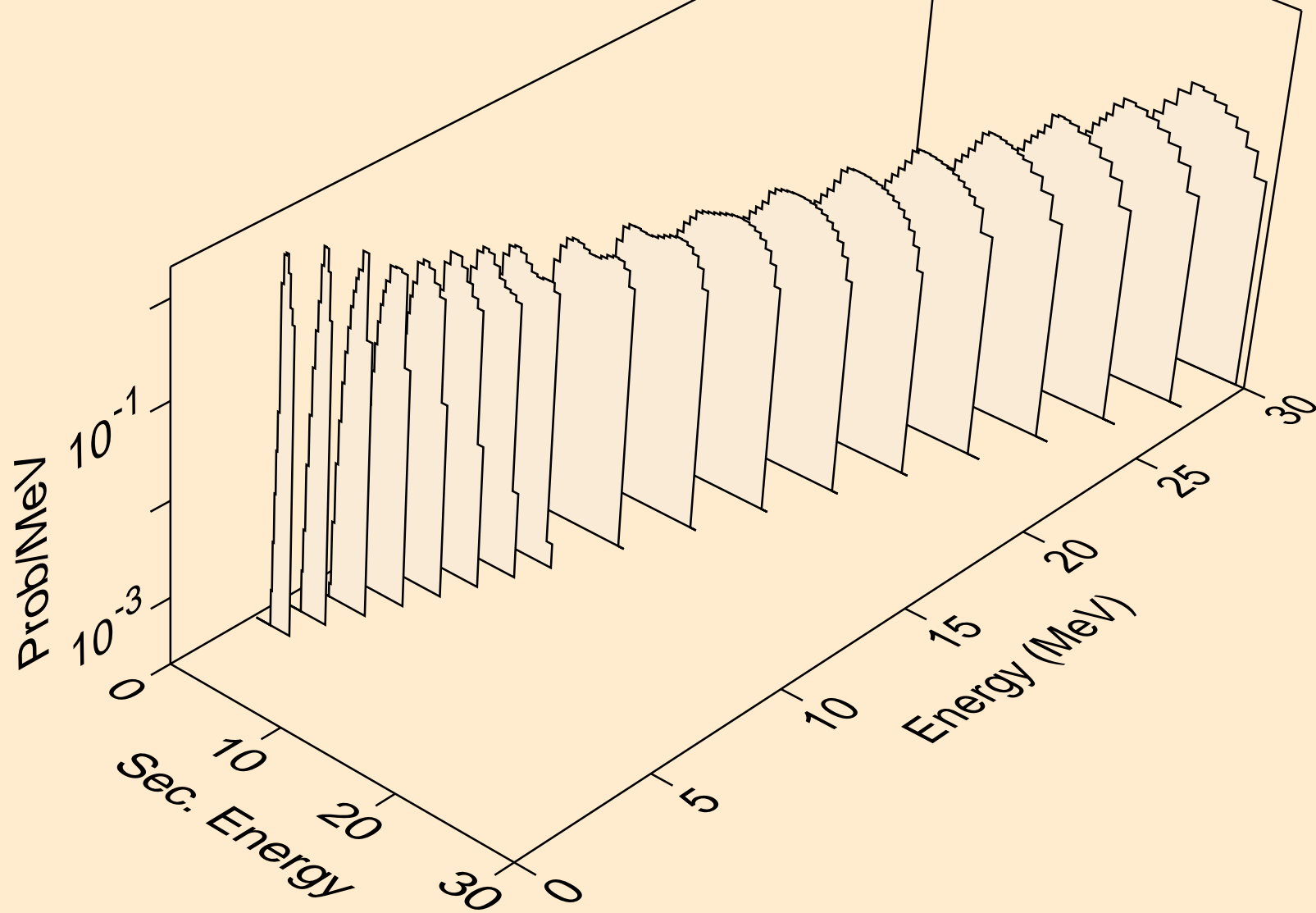
HO156N PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)



HO156N PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,npa)

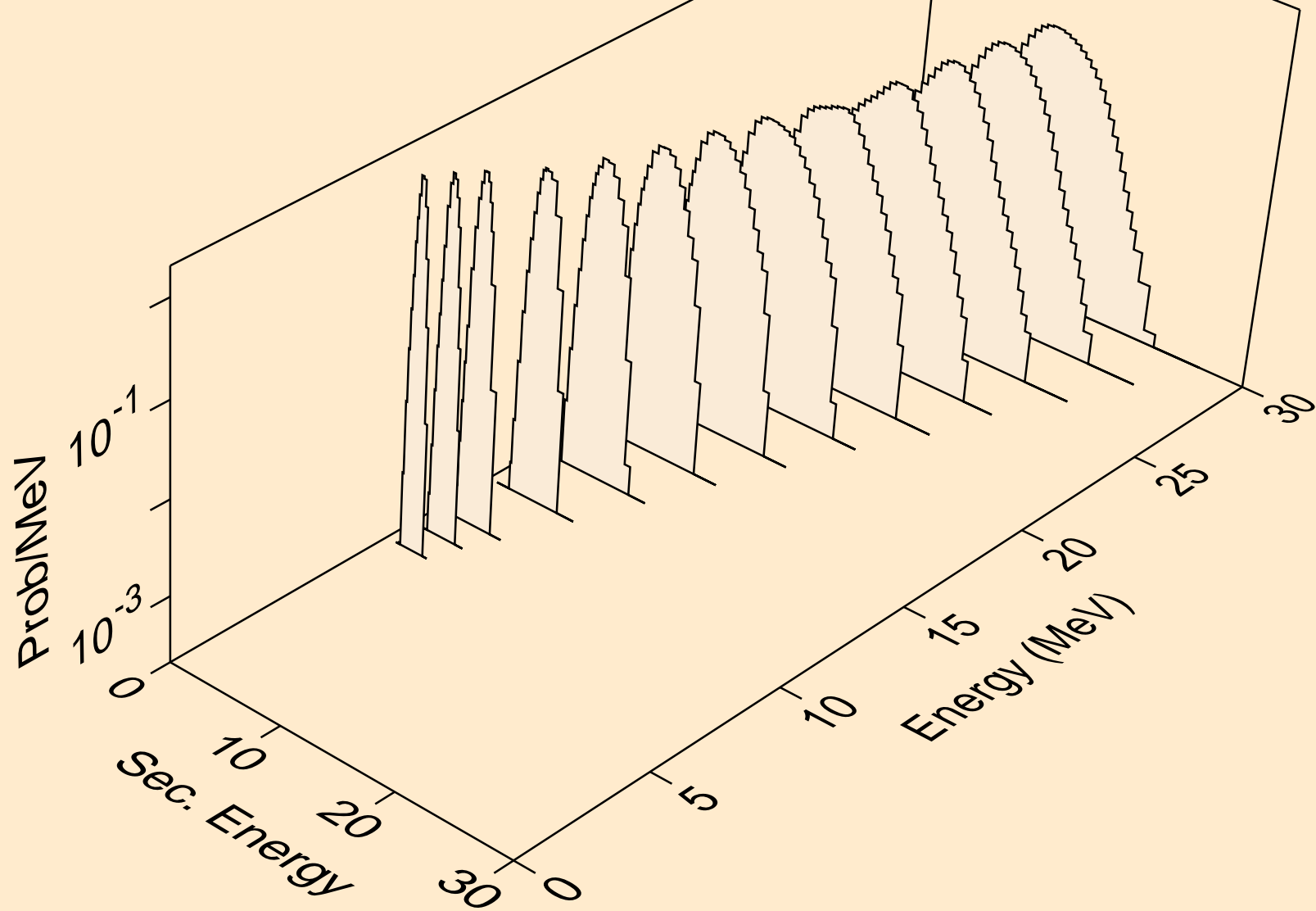


HO156N PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for inelastic

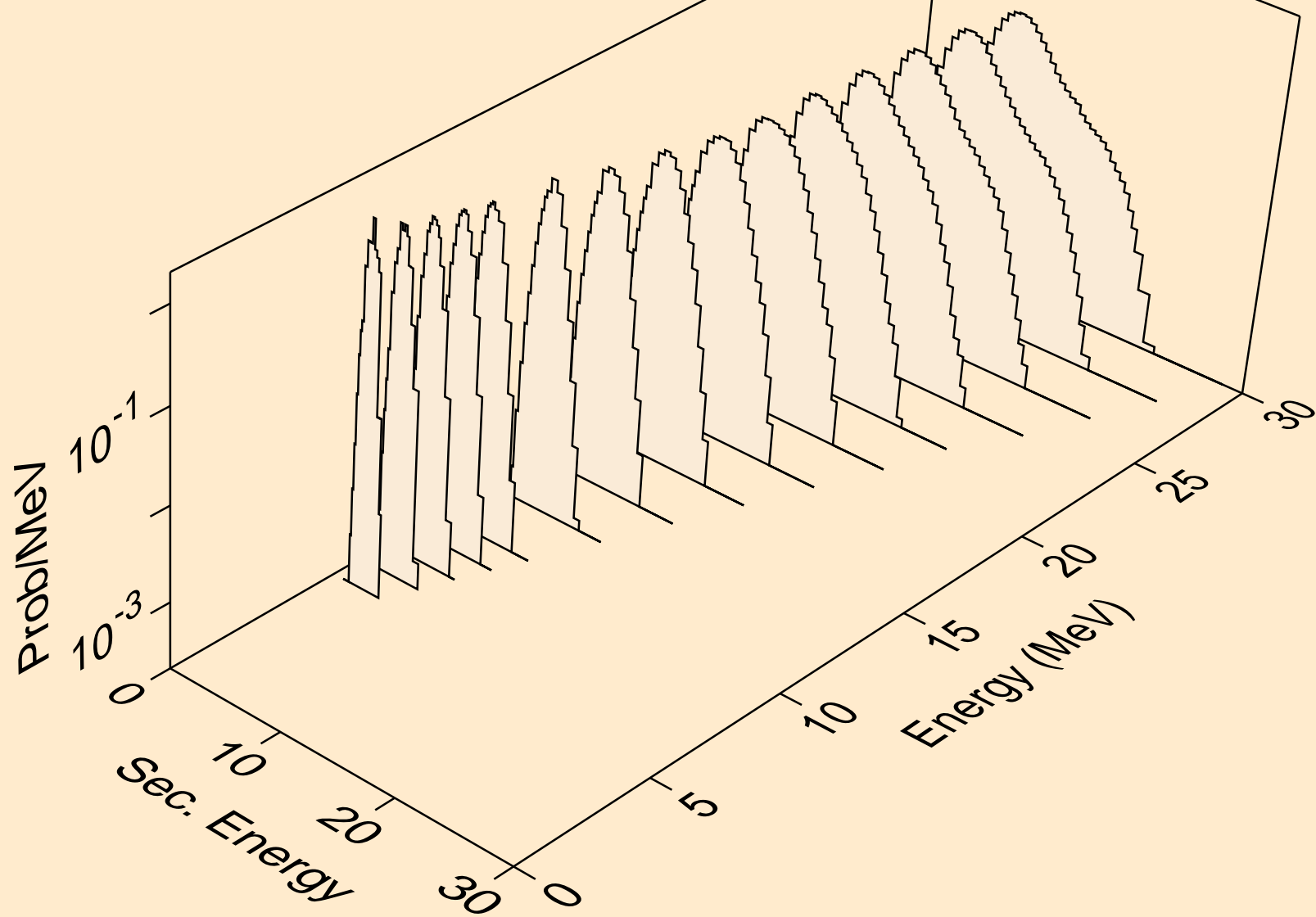




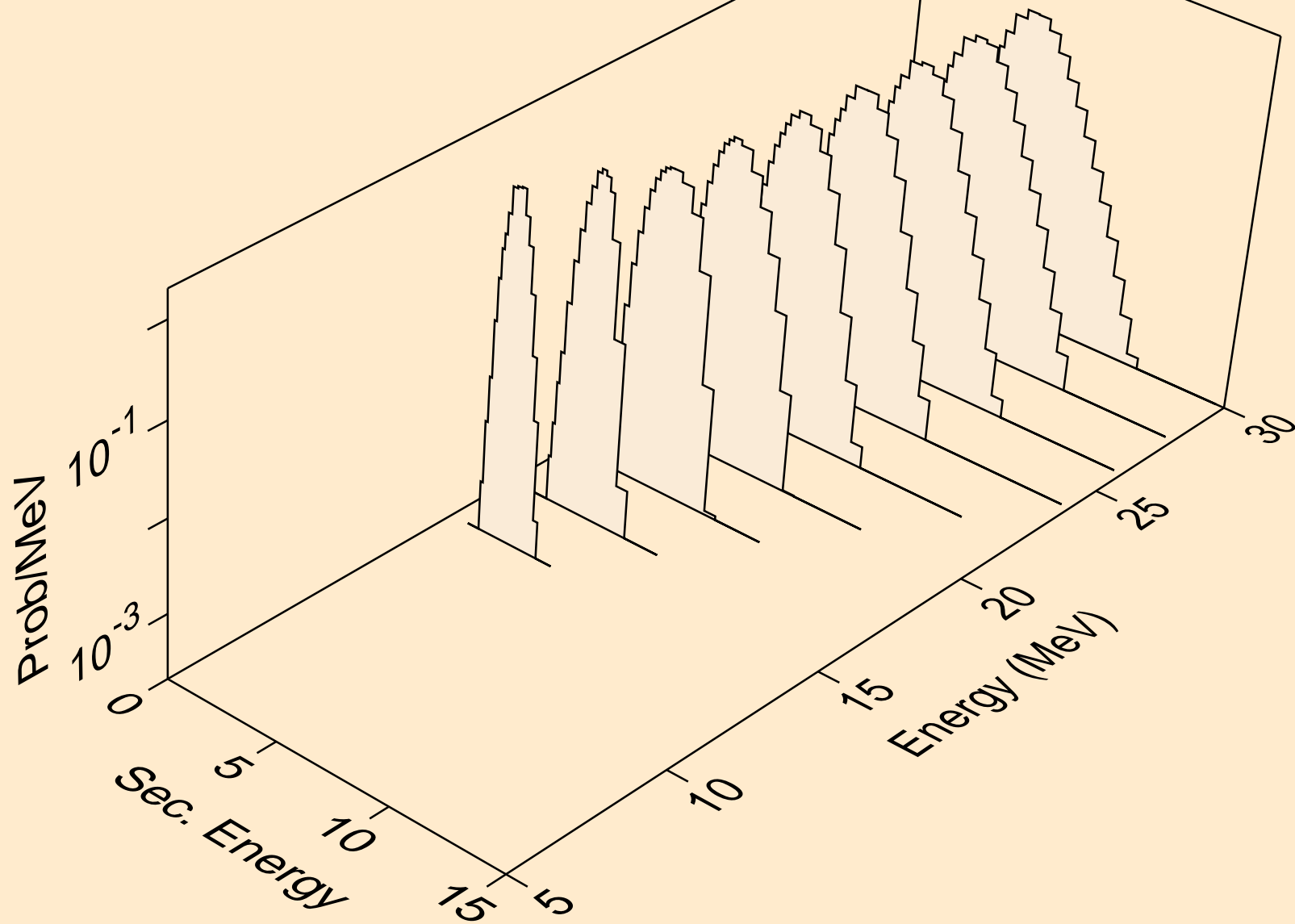
HO156N PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2p)



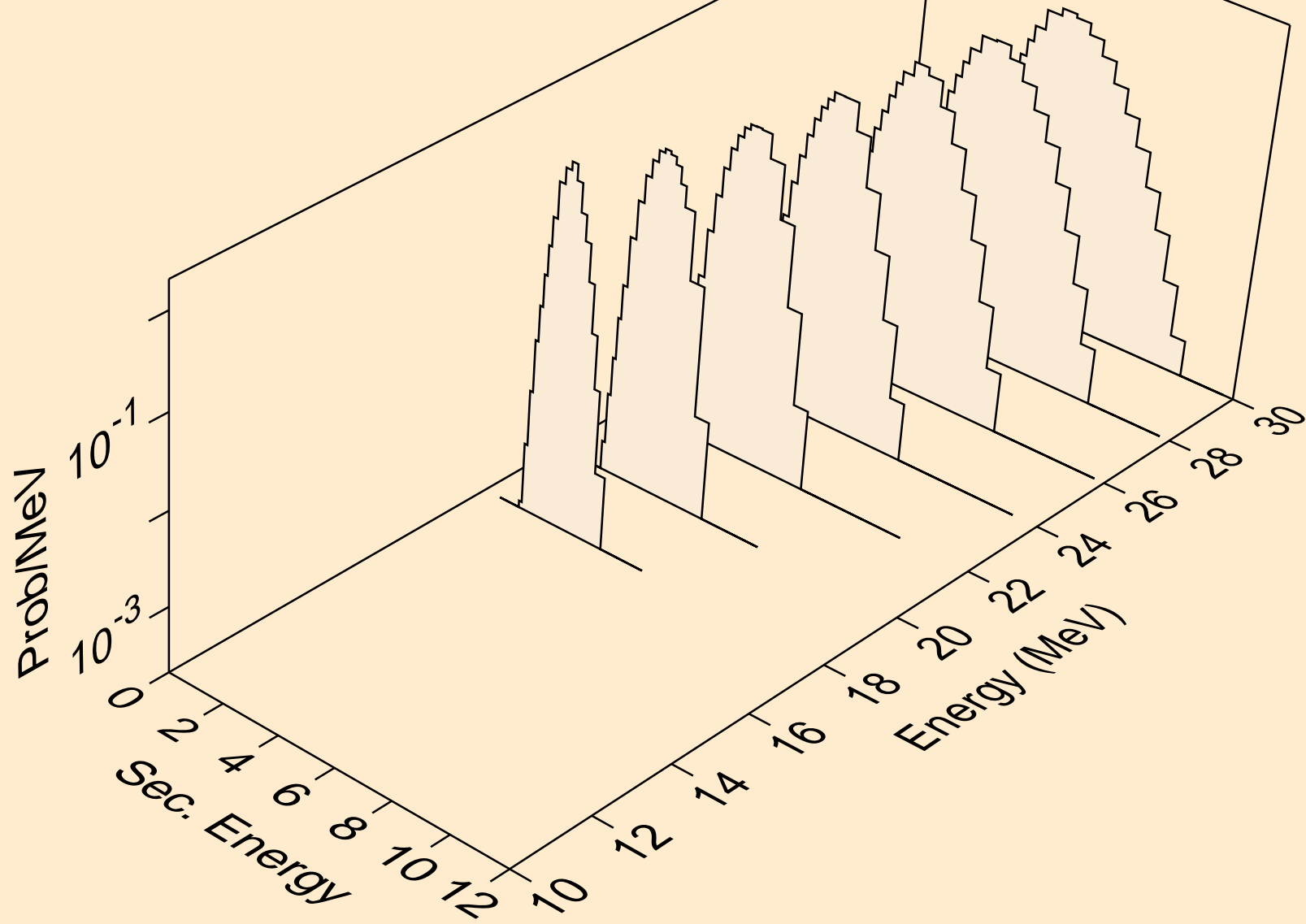
HO156N PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,pa)



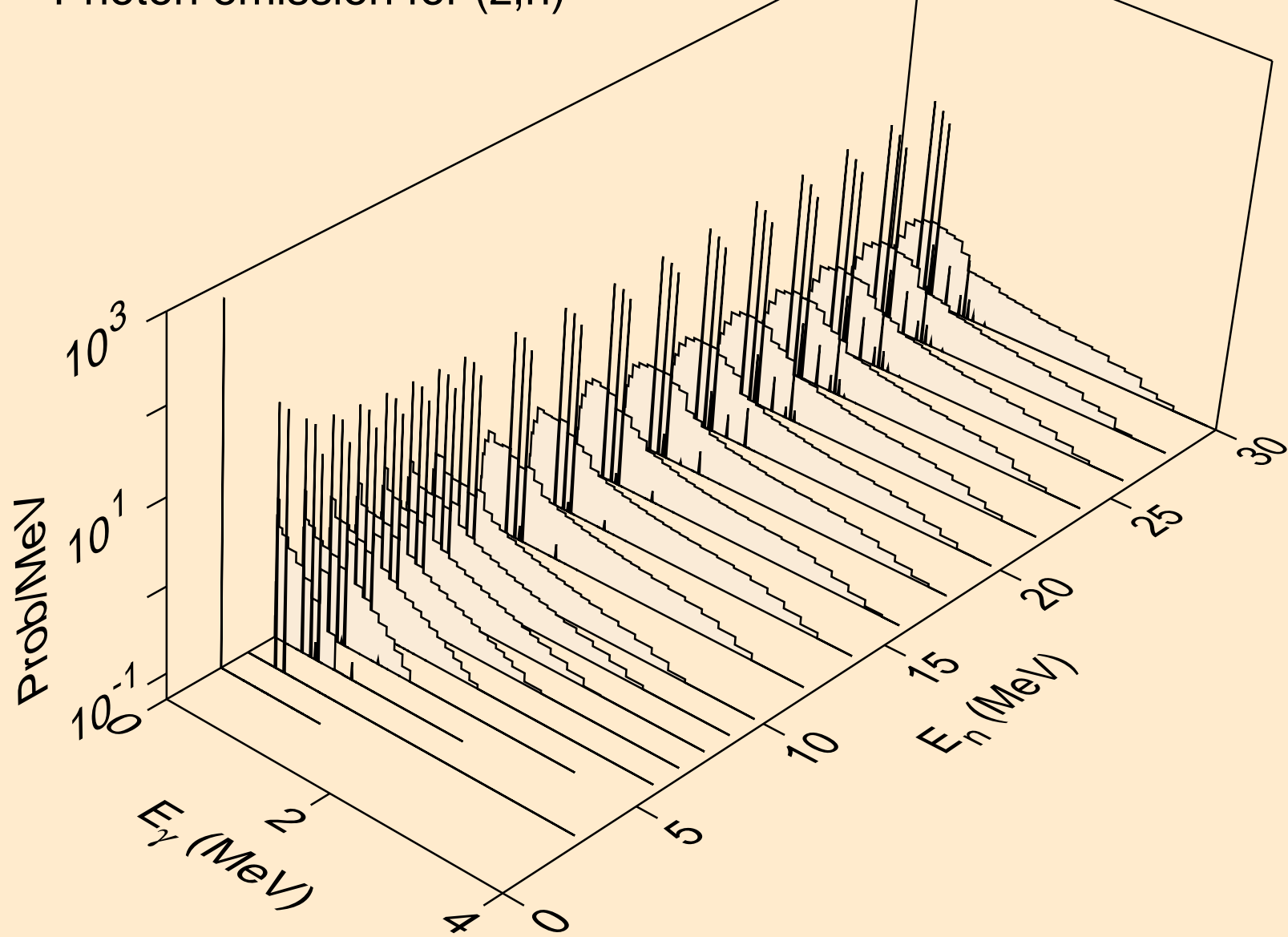
HO156N PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,pd)



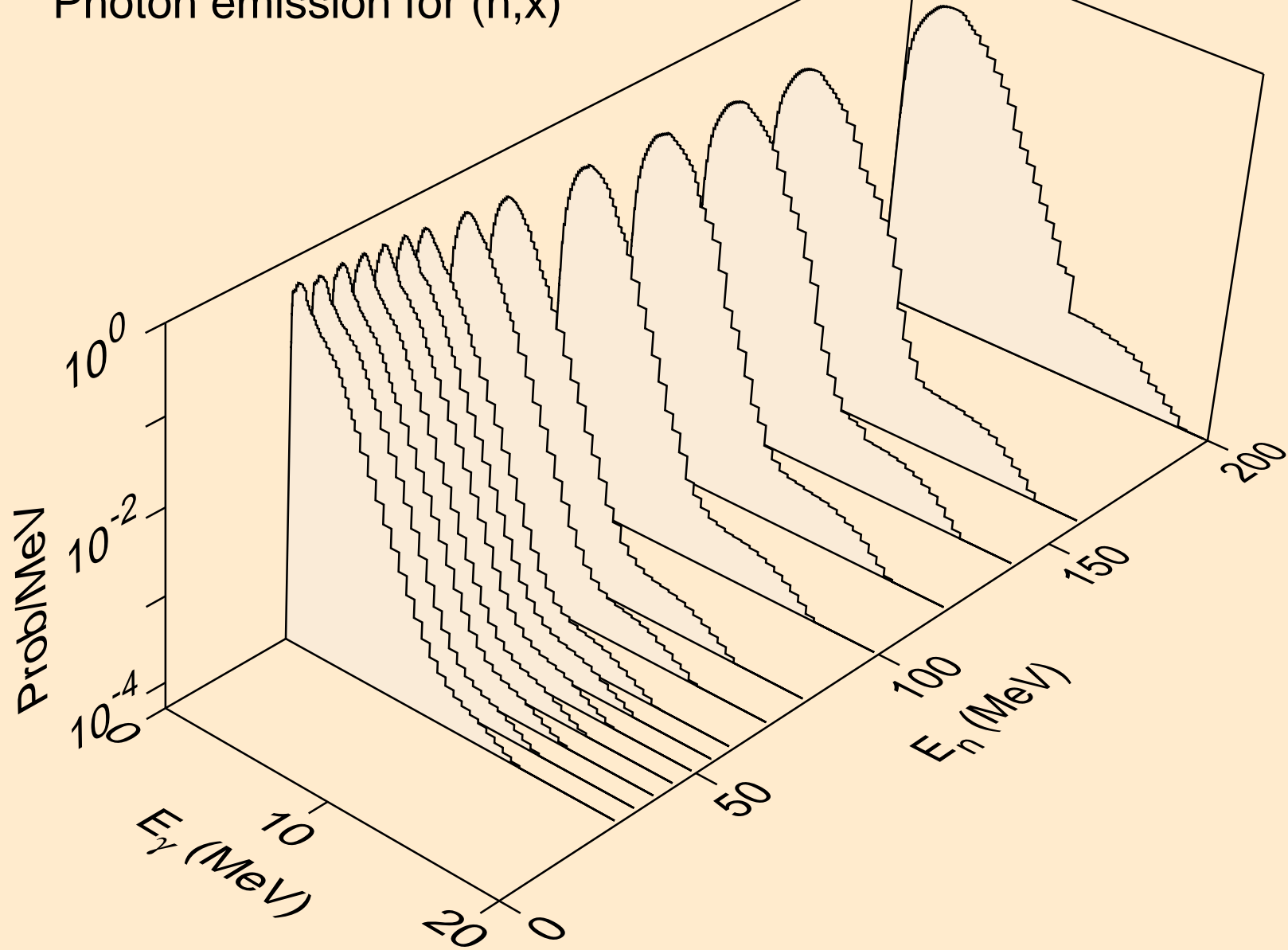
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Proton emission for (p,pt)



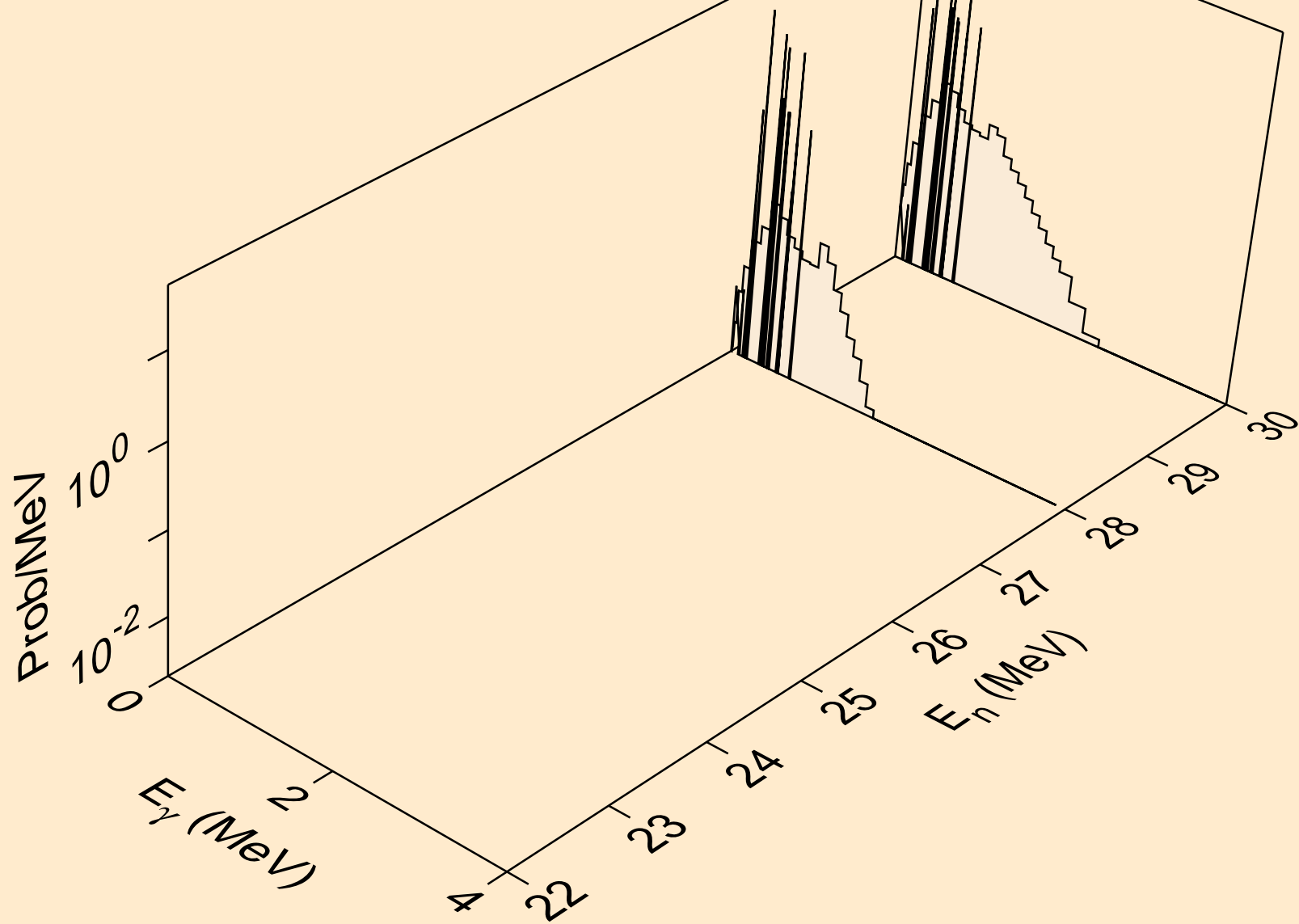
HO156N PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



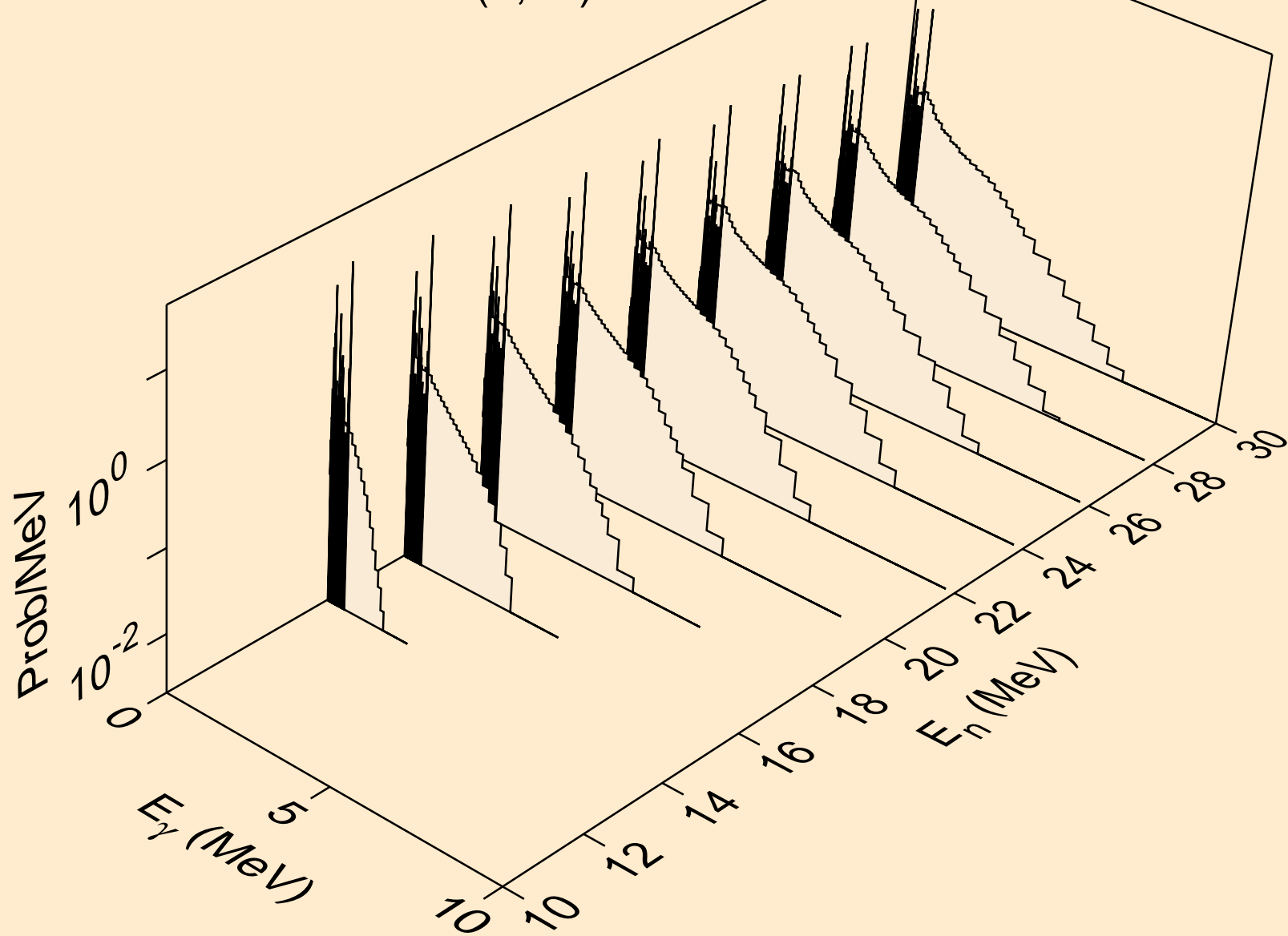
HO156N PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



HO156N PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)

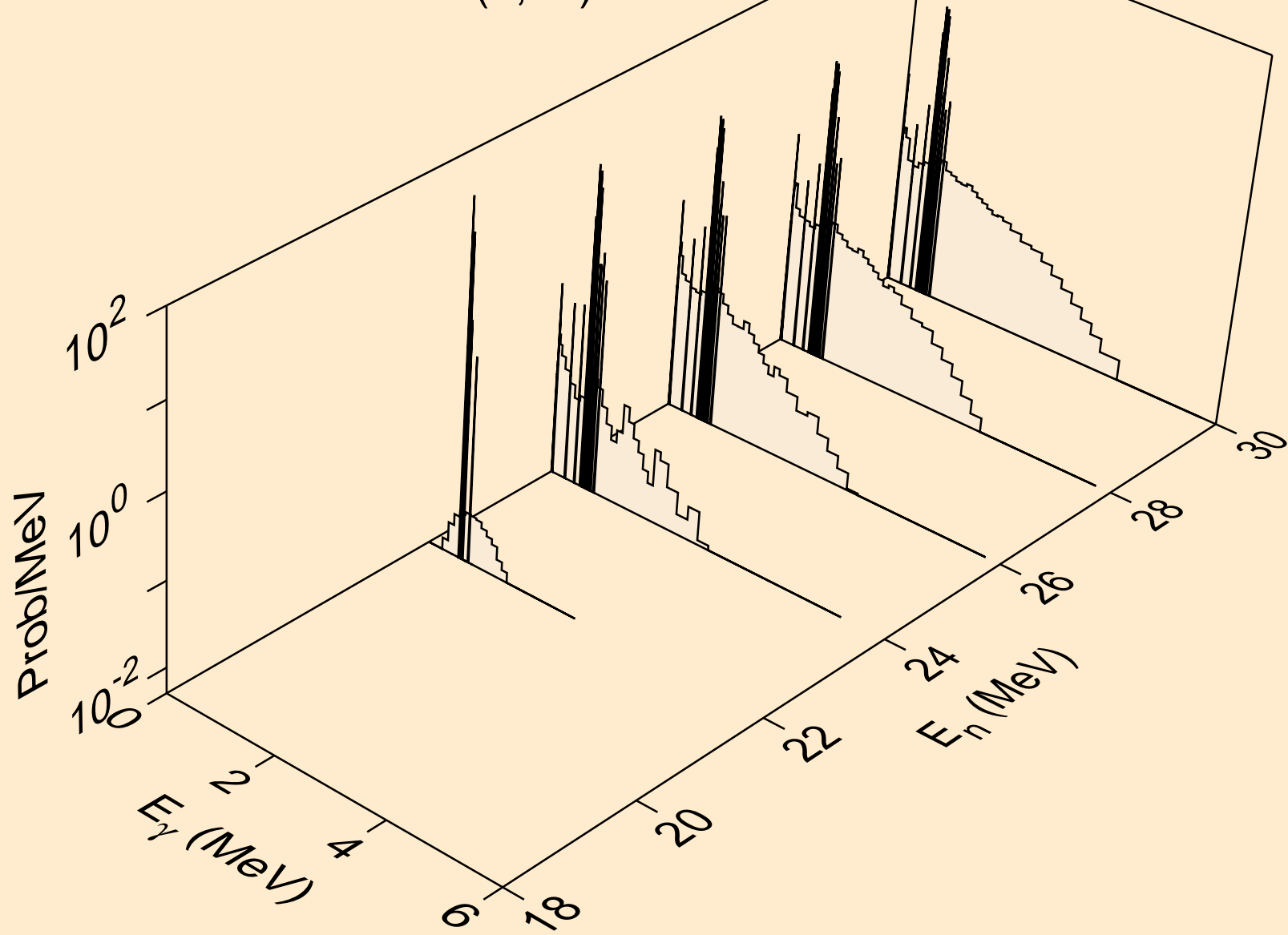


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Photon emission for (n,2n)

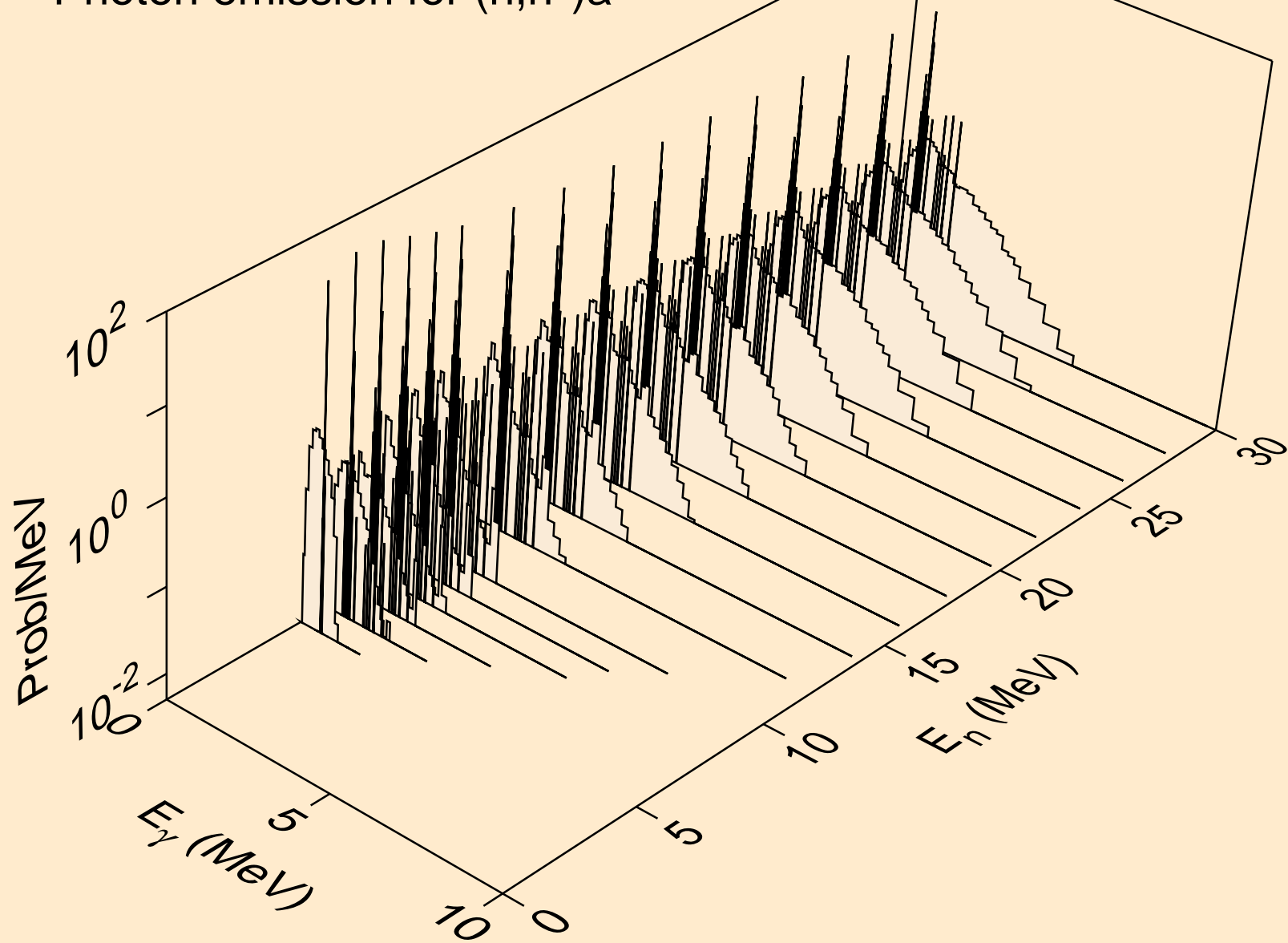




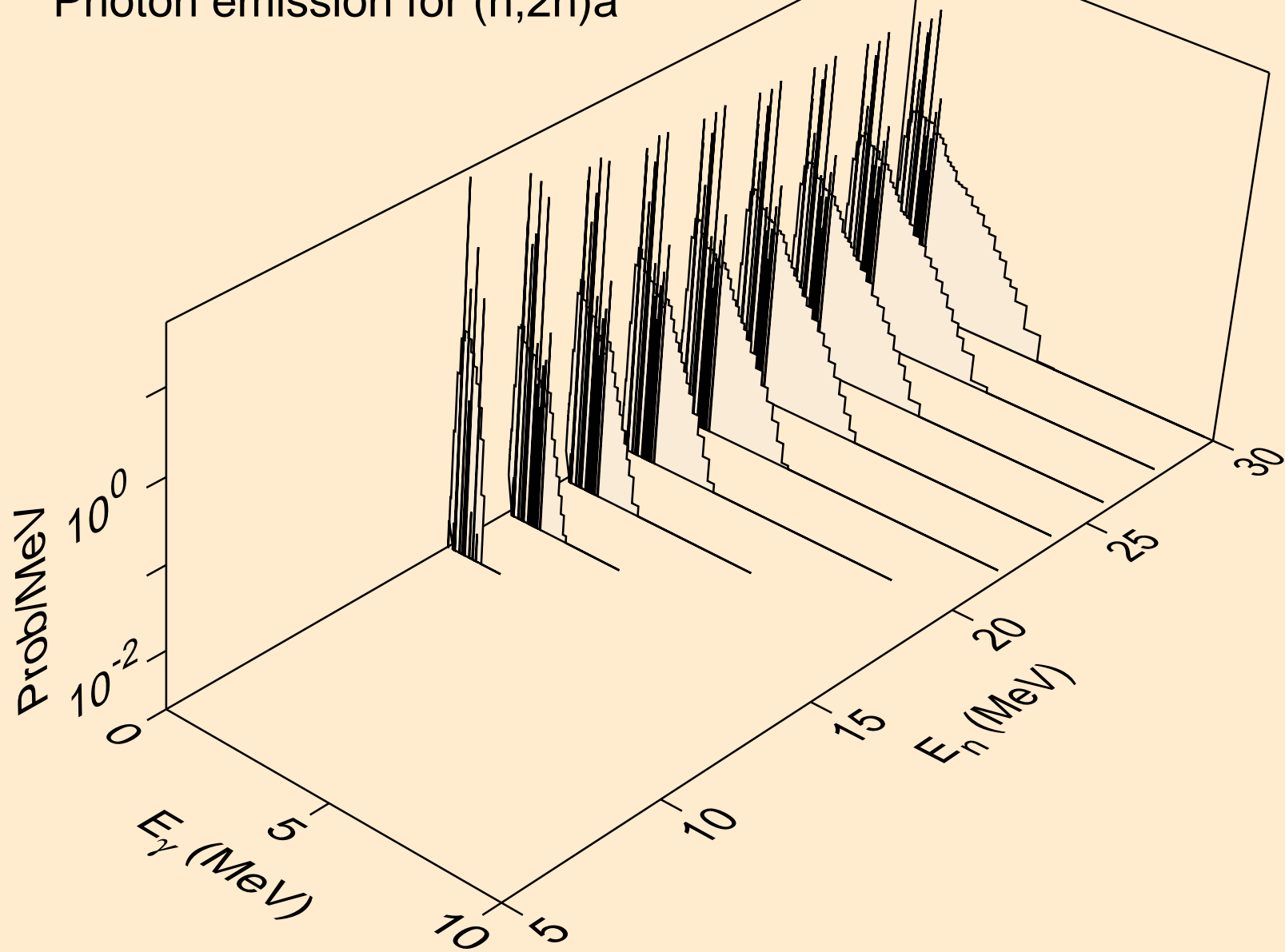
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Photon emission for (n,3n)



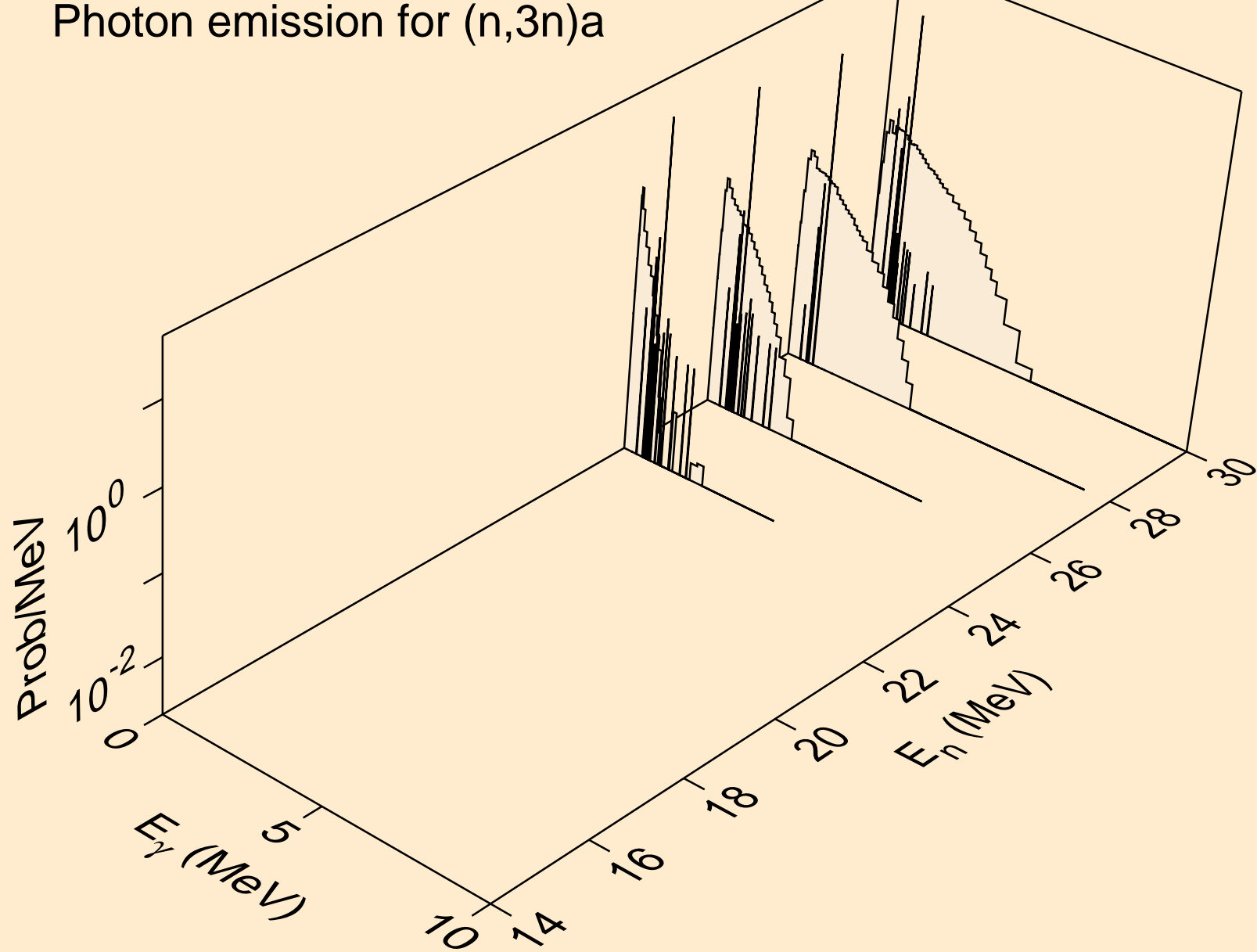
HO156N PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



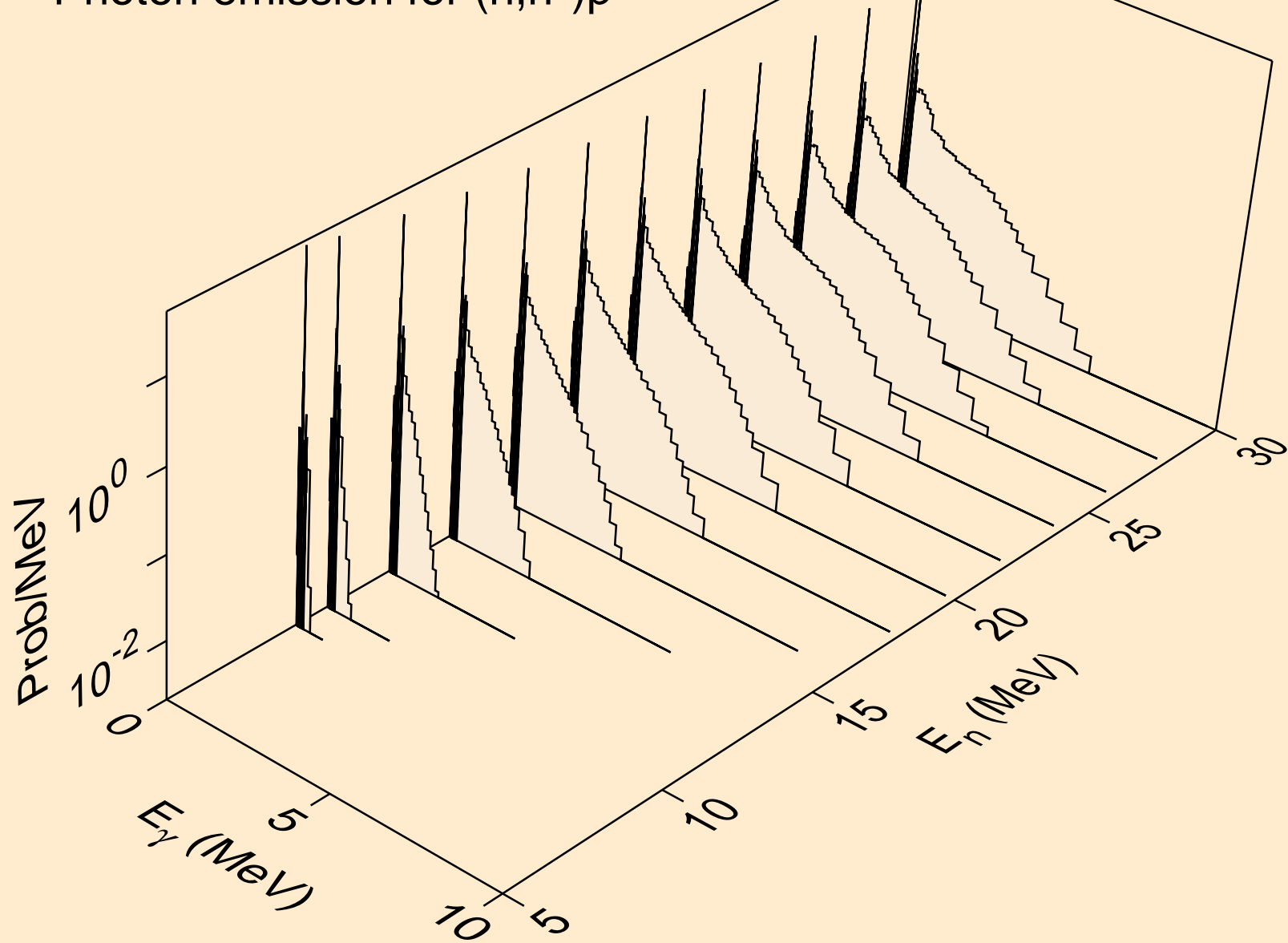
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Photon emission for (n,2n)a



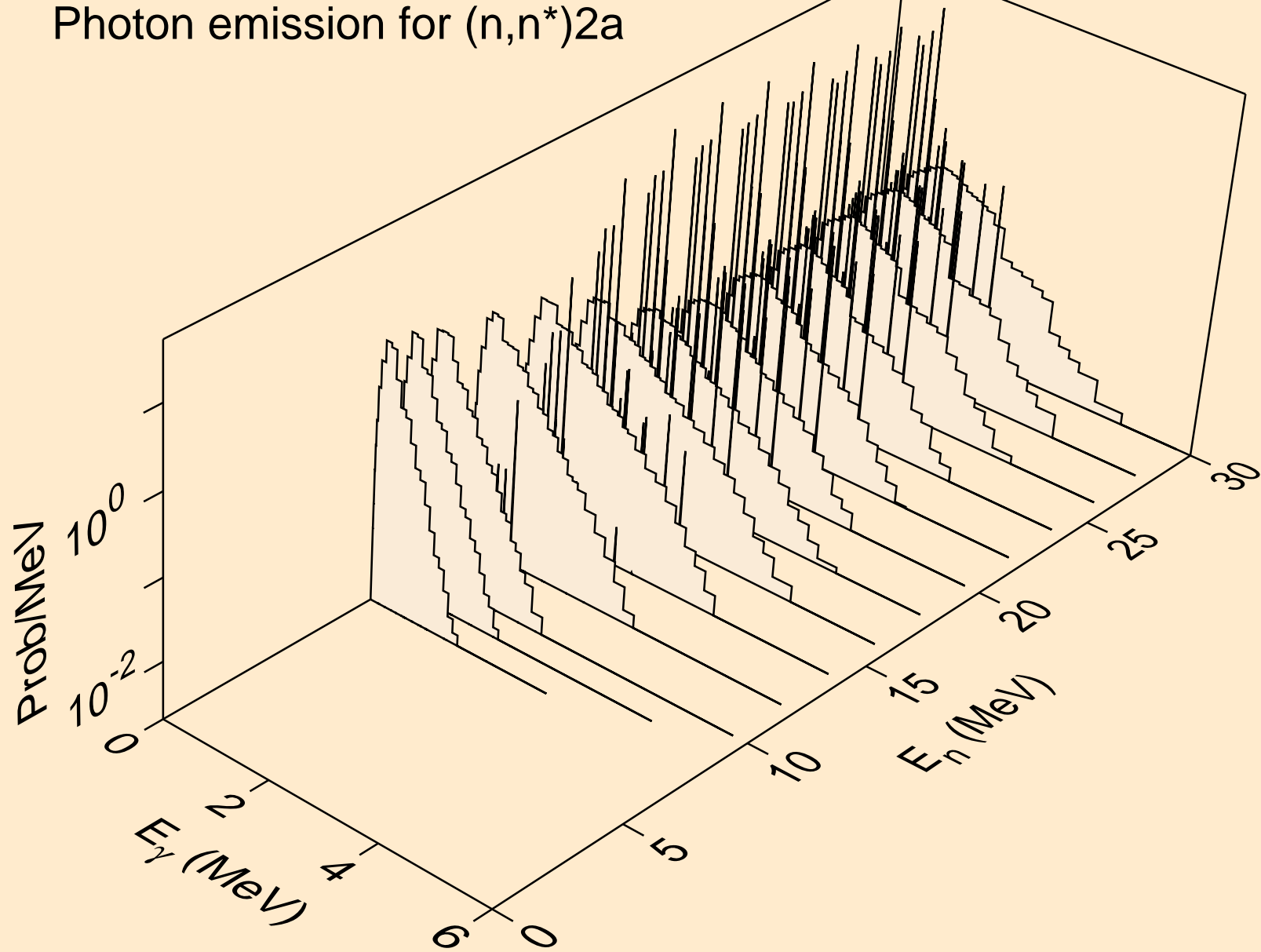
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Photon emission for (n,3n)a



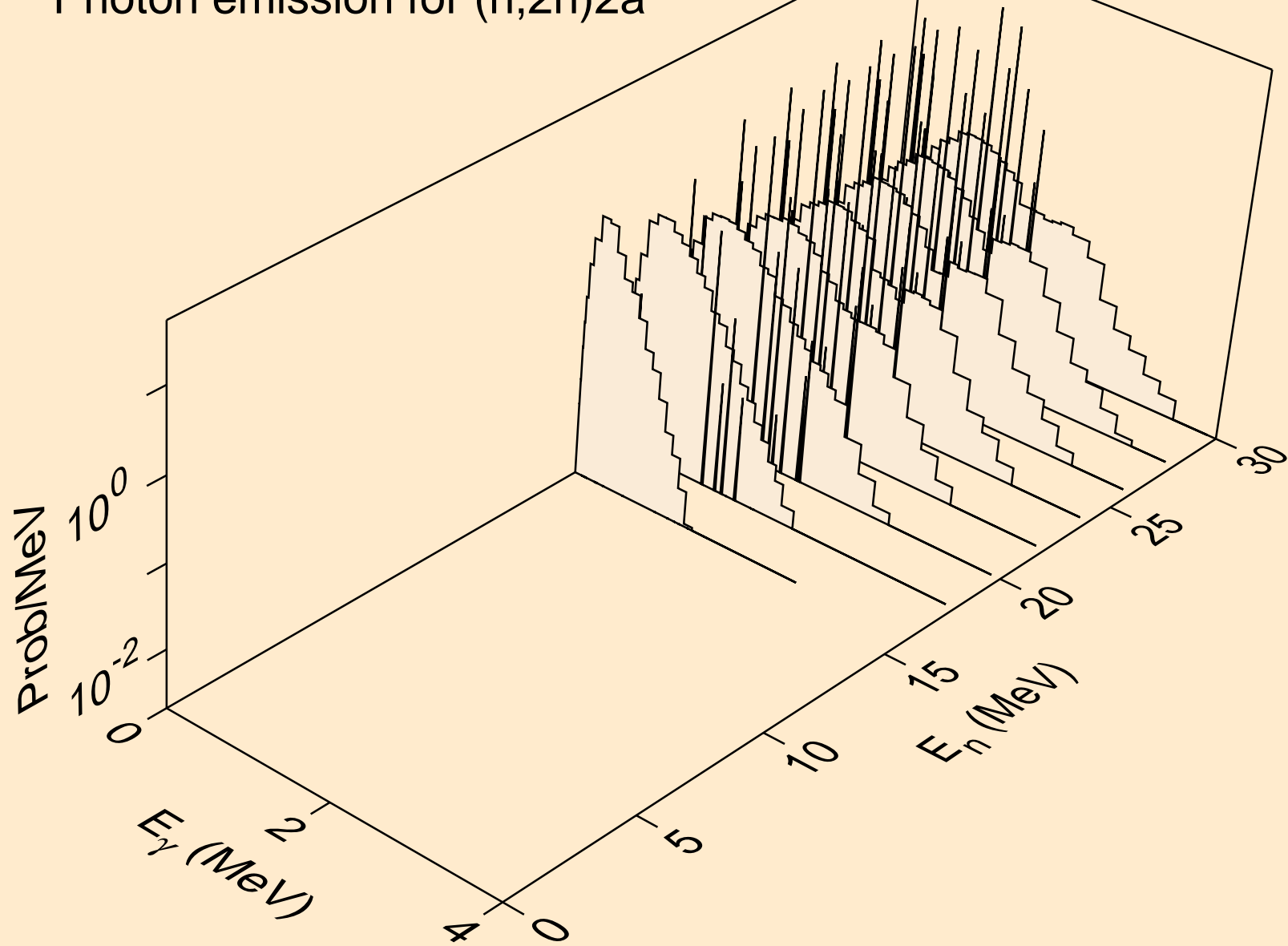
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Photon emission for (n,n\*)p



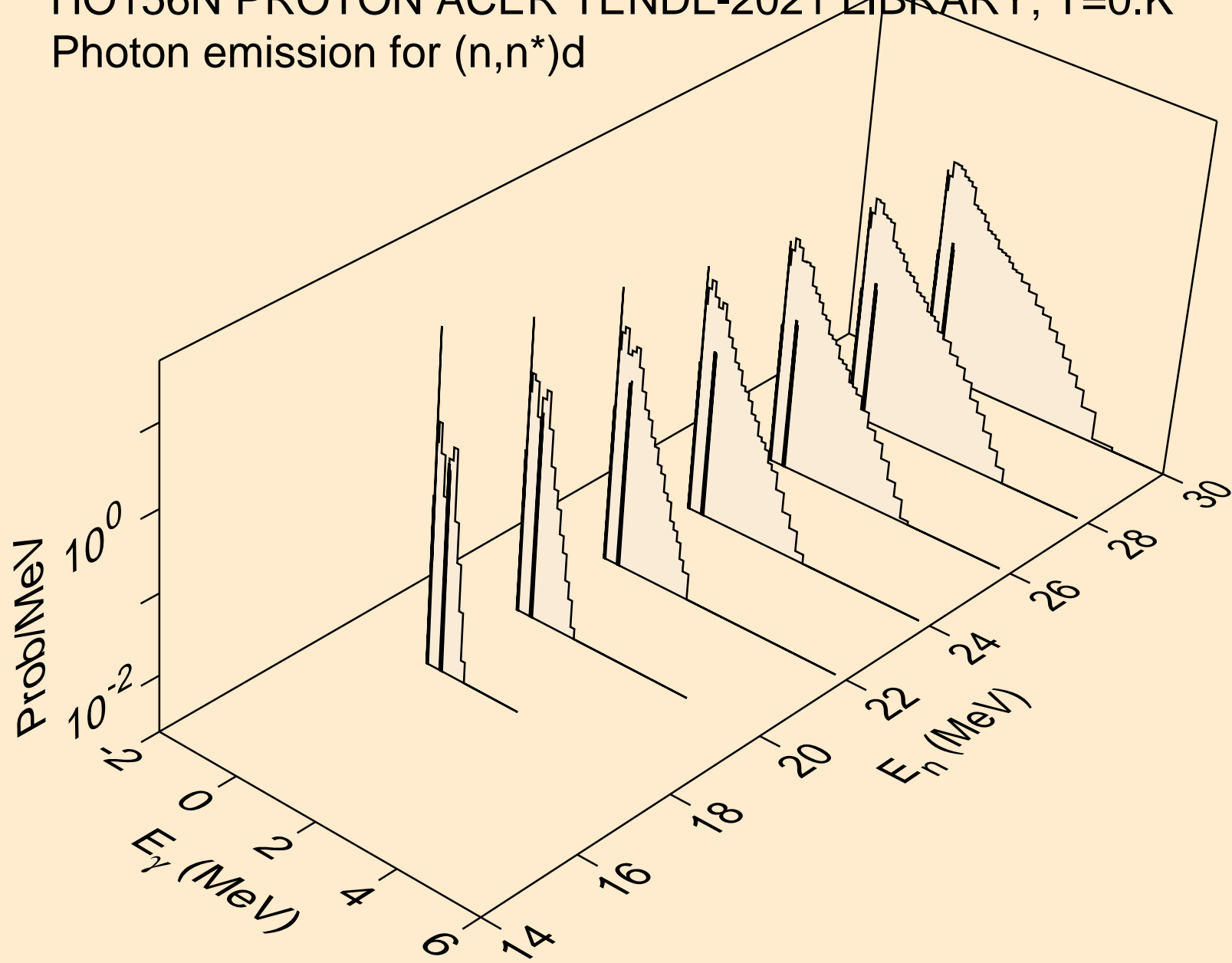
HO156N PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



HO156N PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)2a

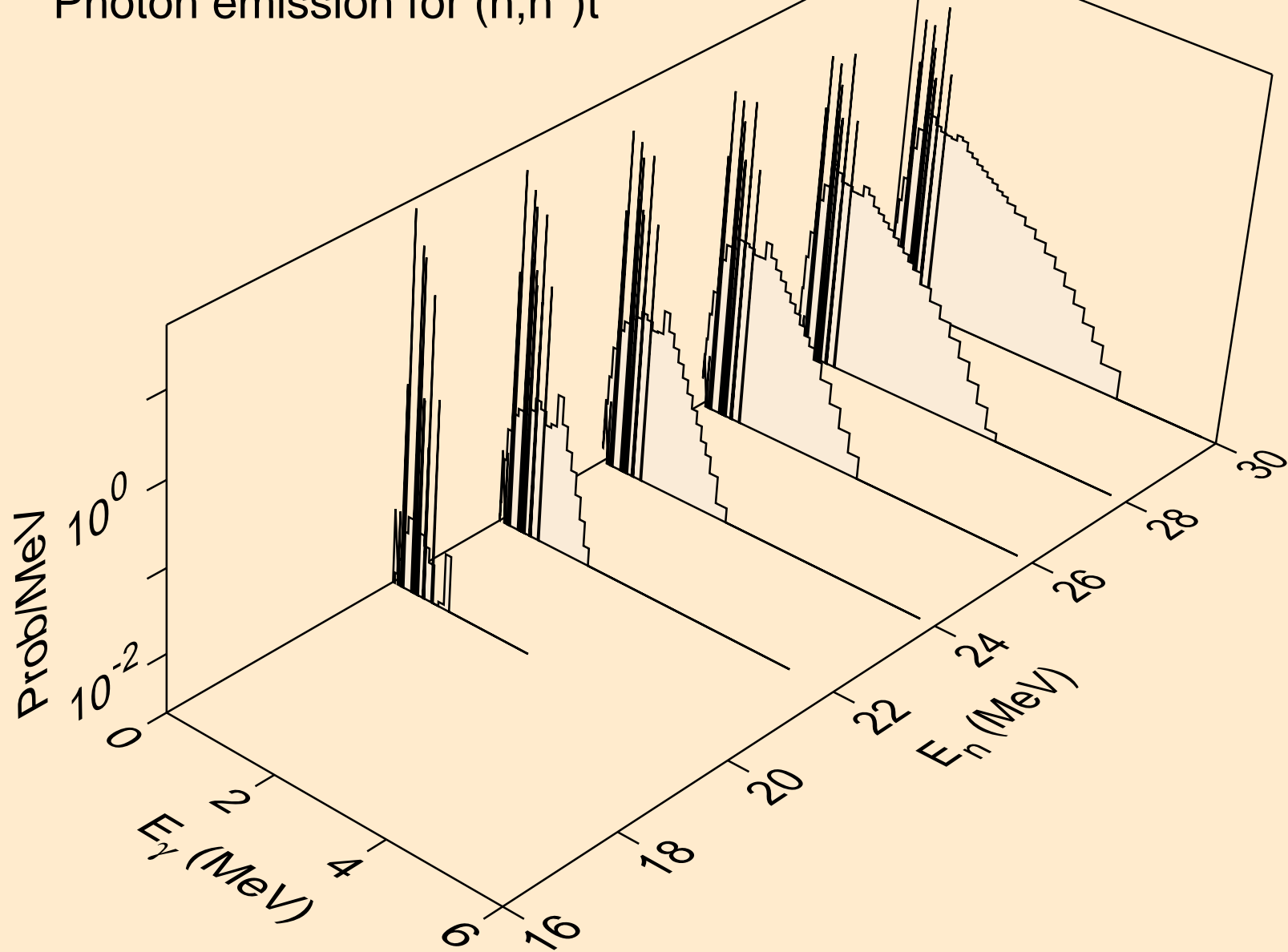


HO156N PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

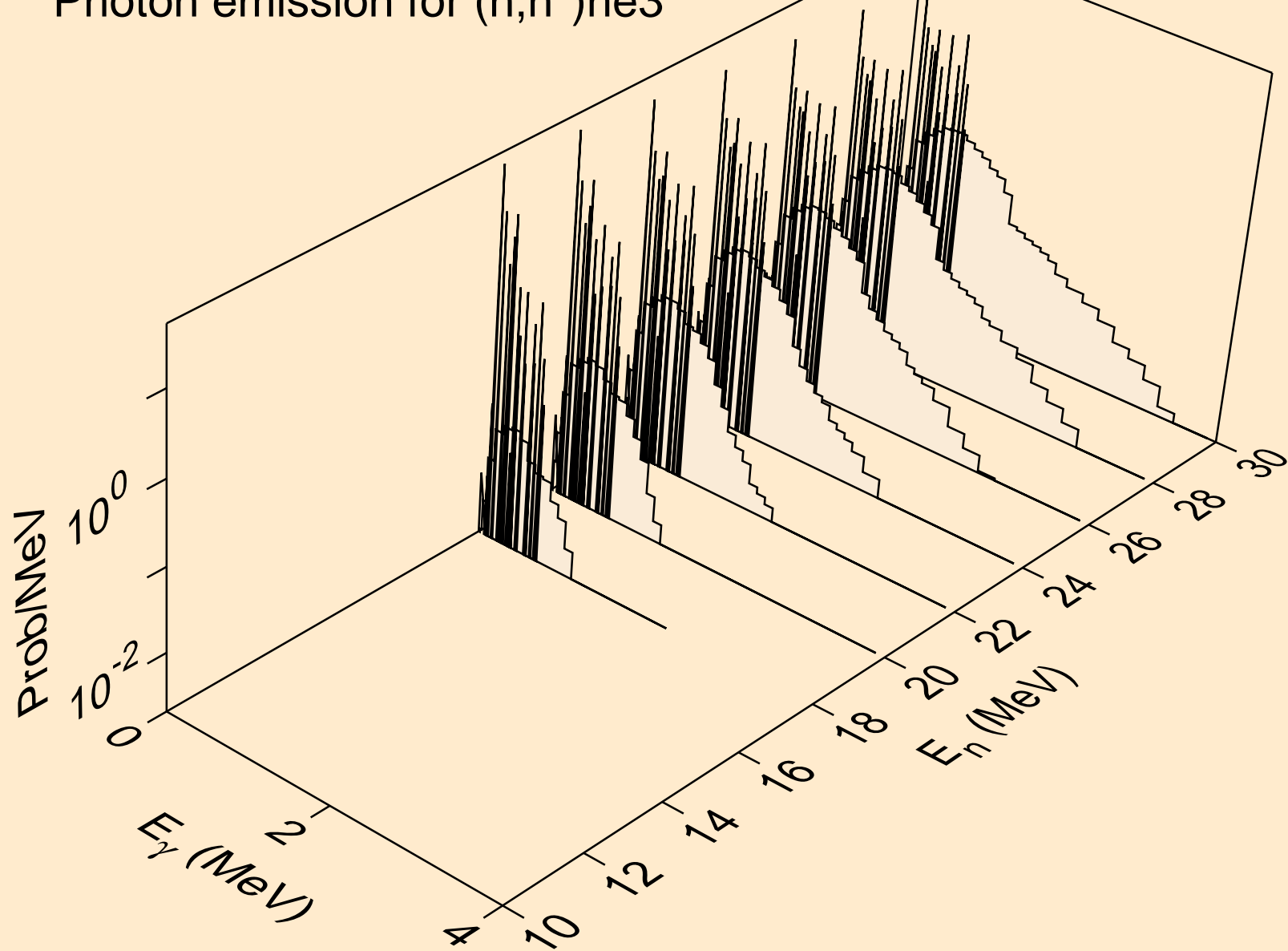




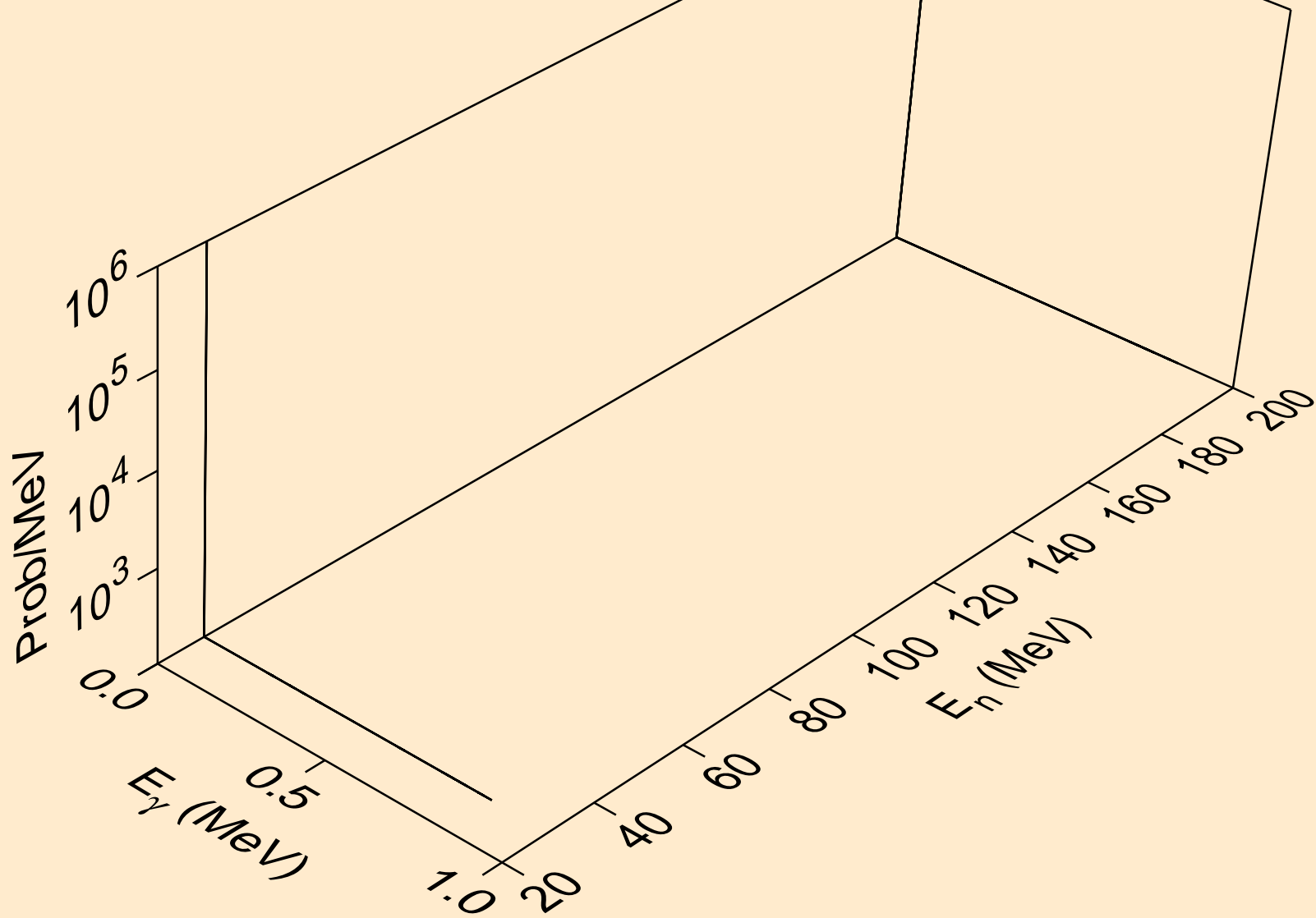
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Photon emission for (n,n\*)t



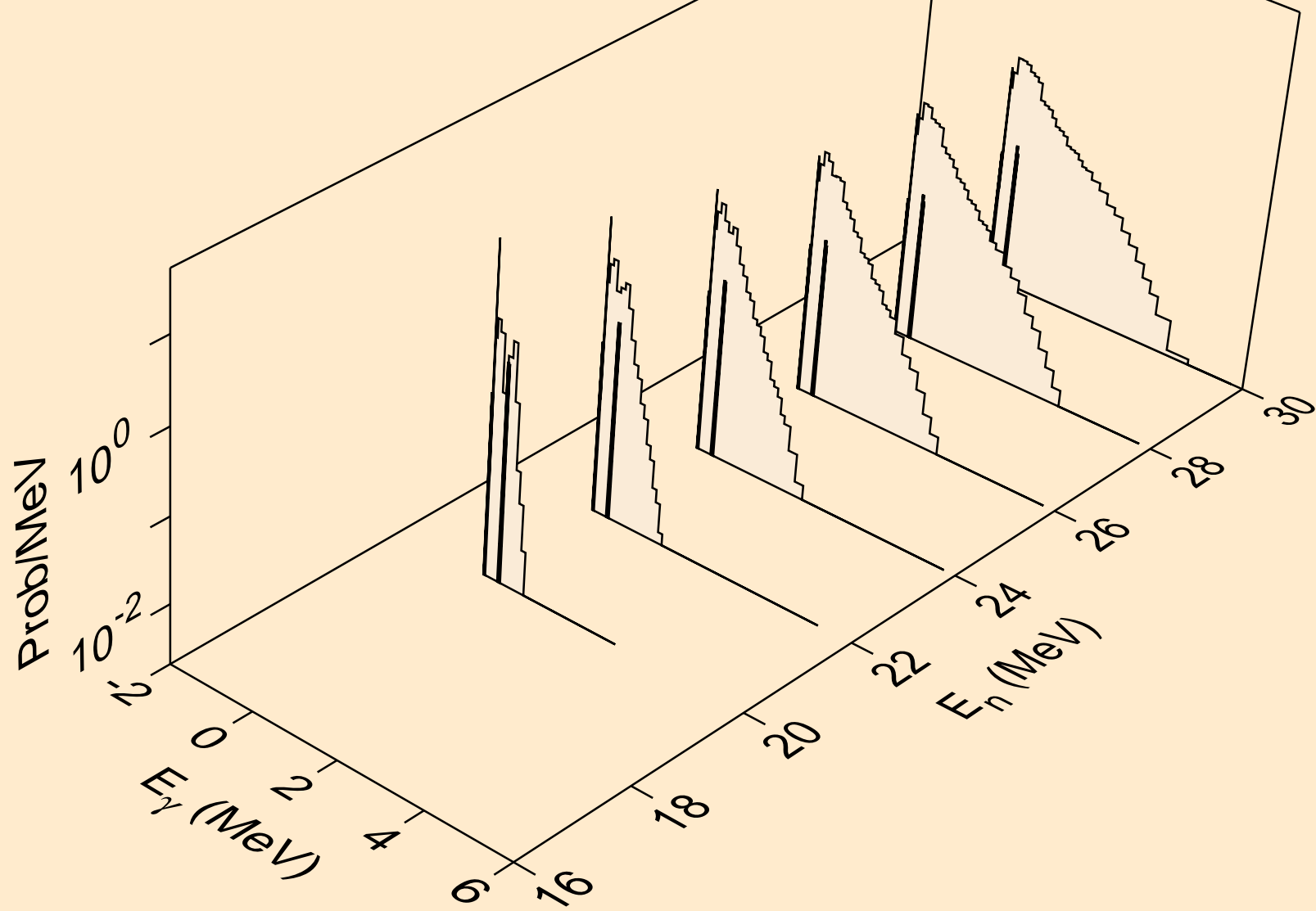
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Photon emission for (n,n\*)he3



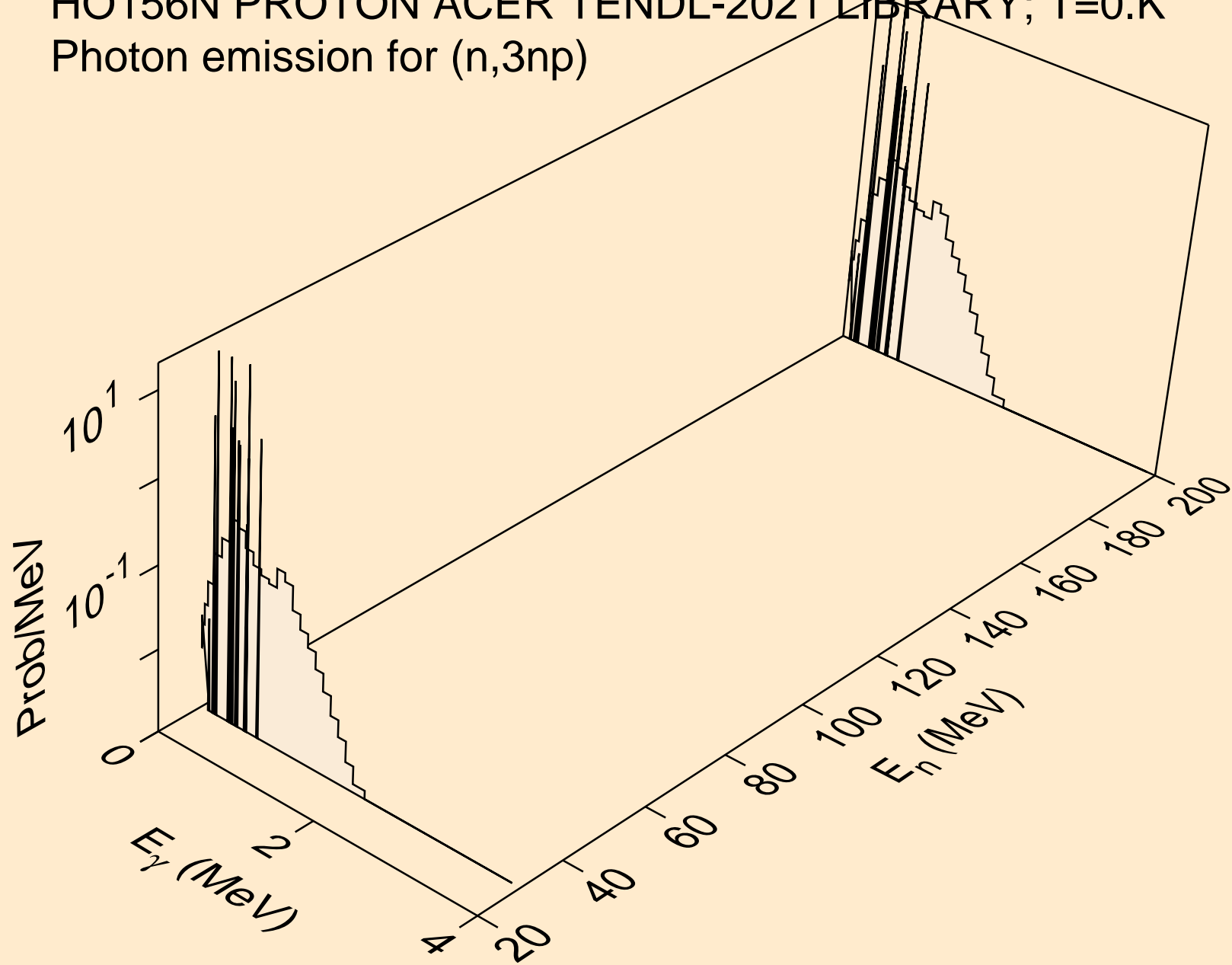
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Photon emission for (n,4n)



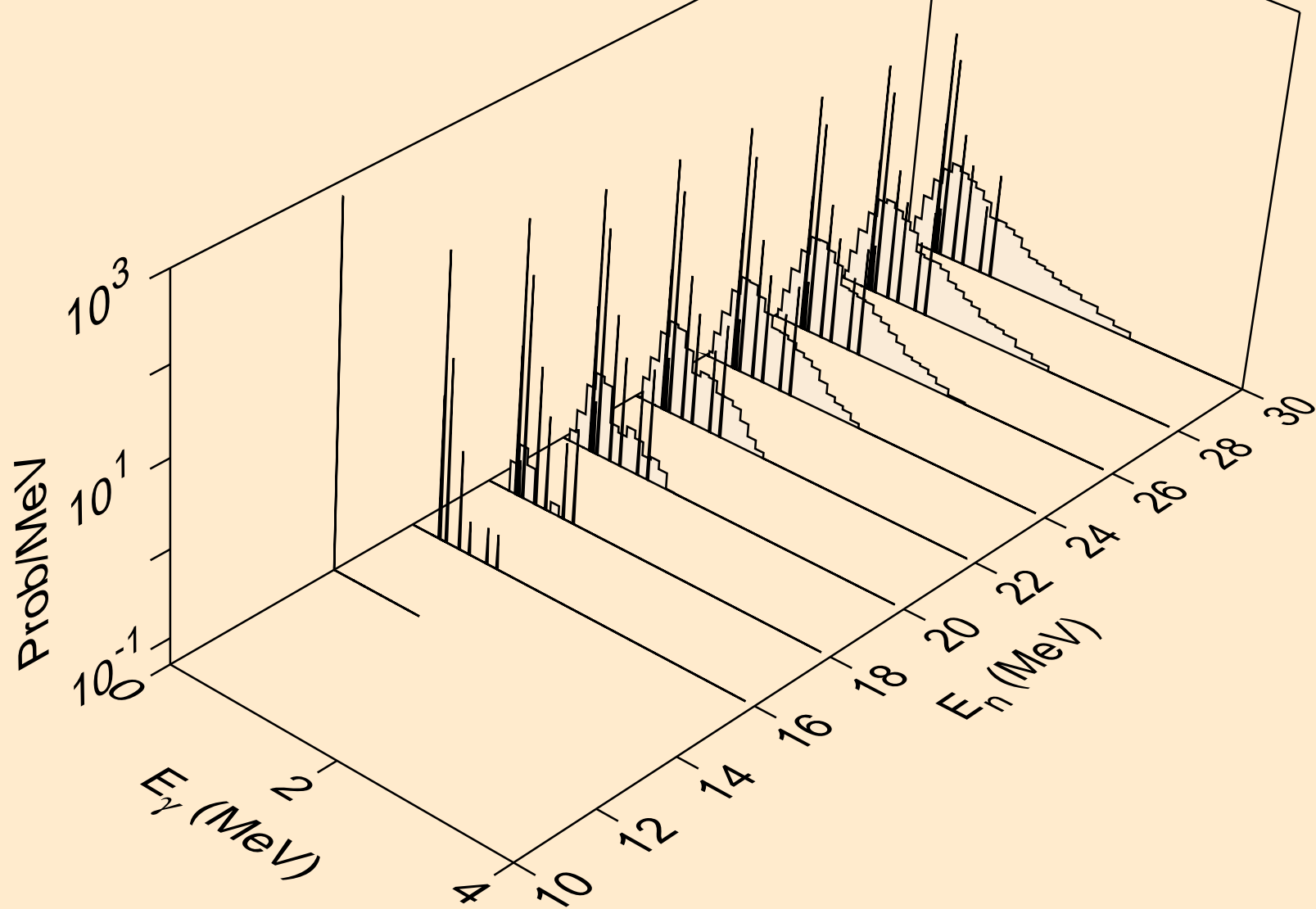
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Photon emission for (n,2np)



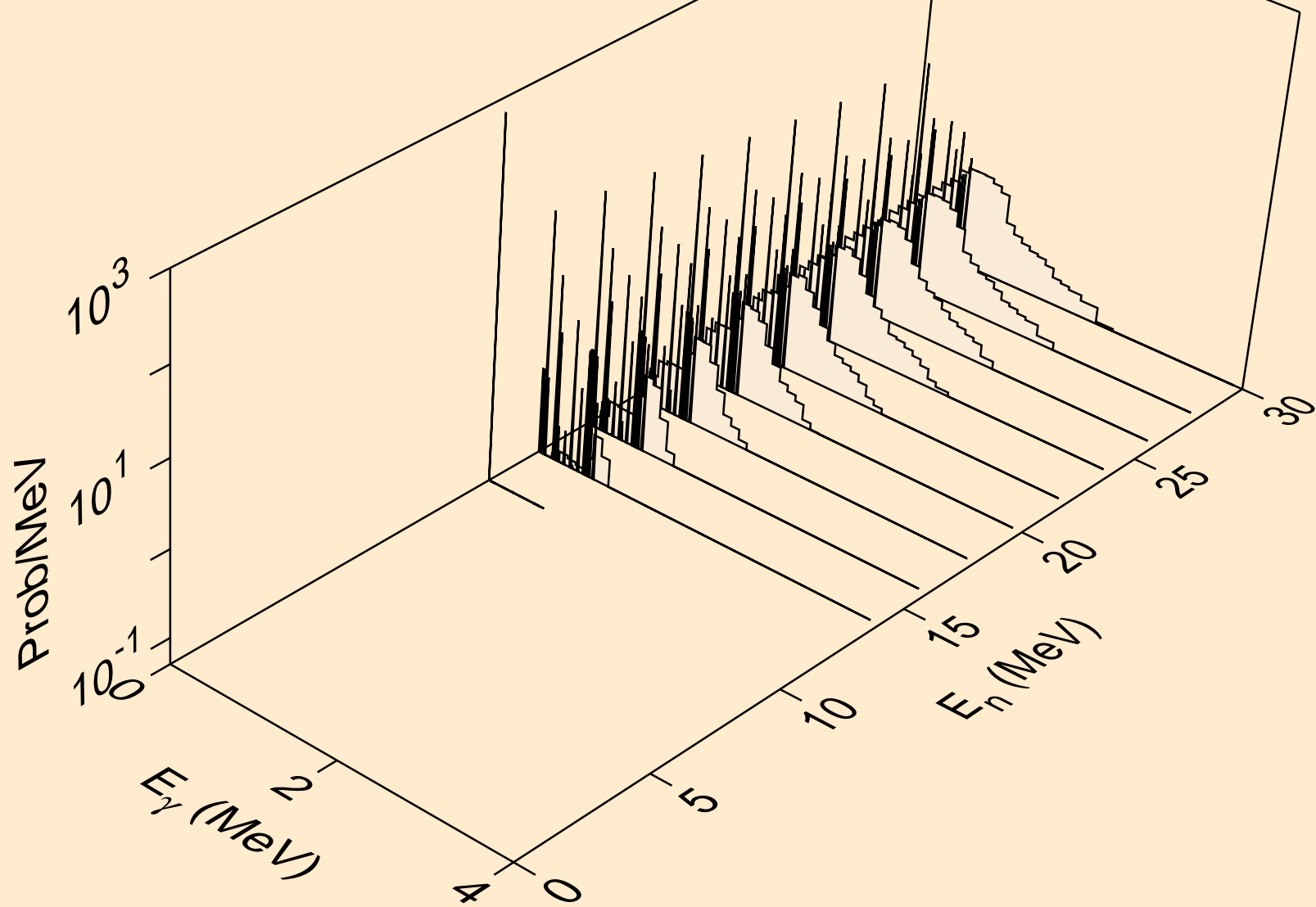
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Photon emission for (n,3np)



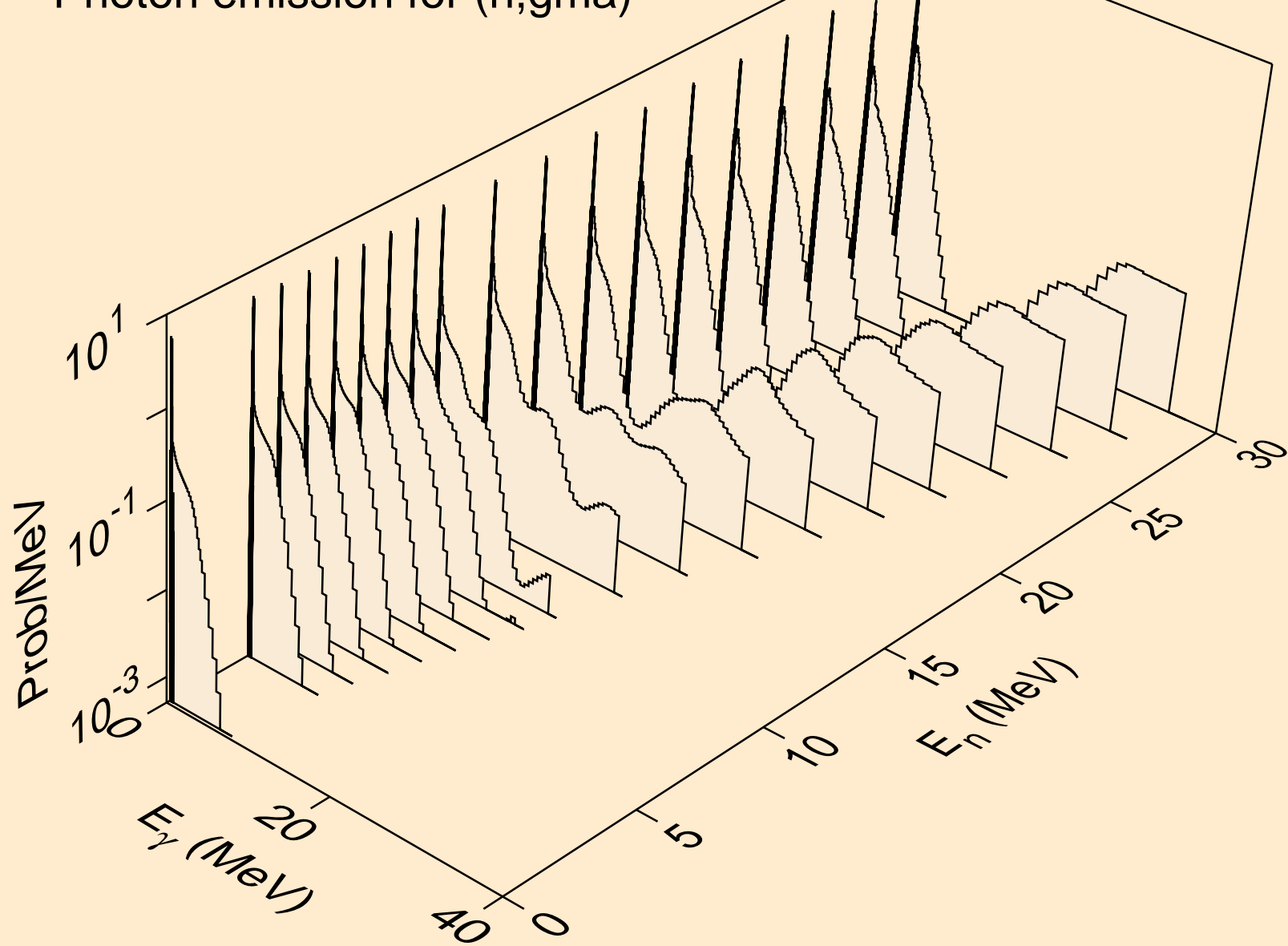
HO156N PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



HO156N PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,npa)

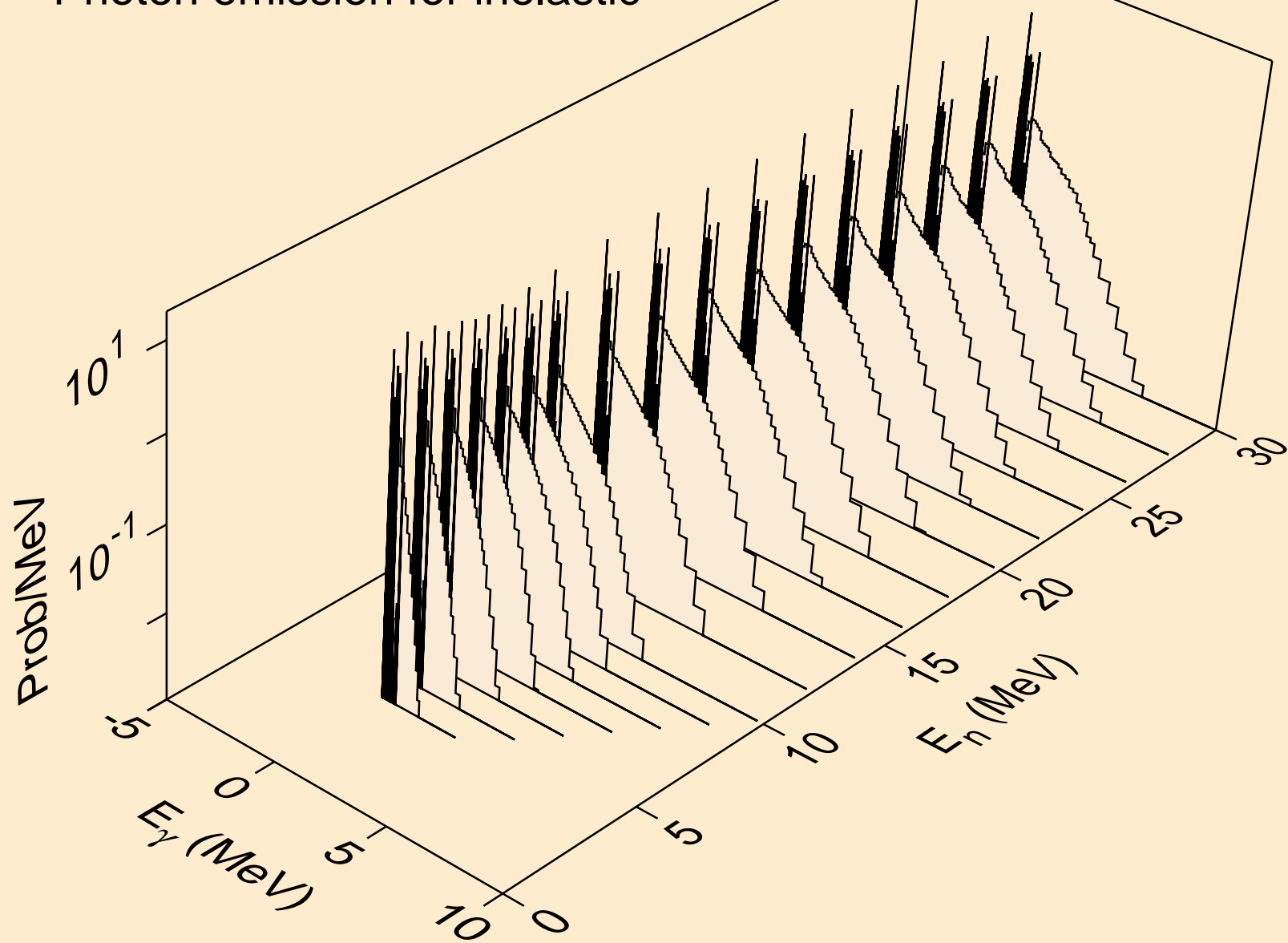


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Photon emission for (n,gma)

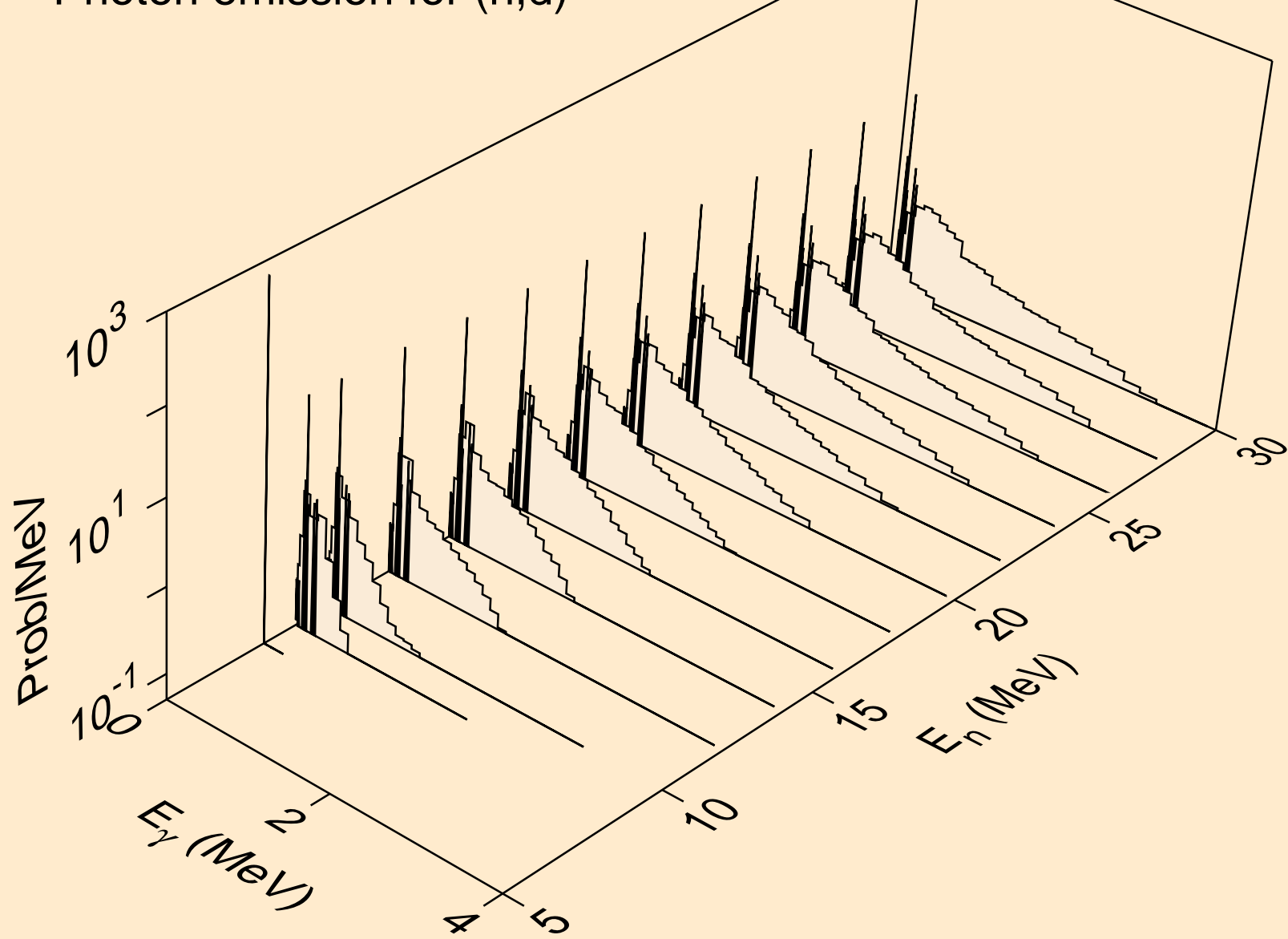




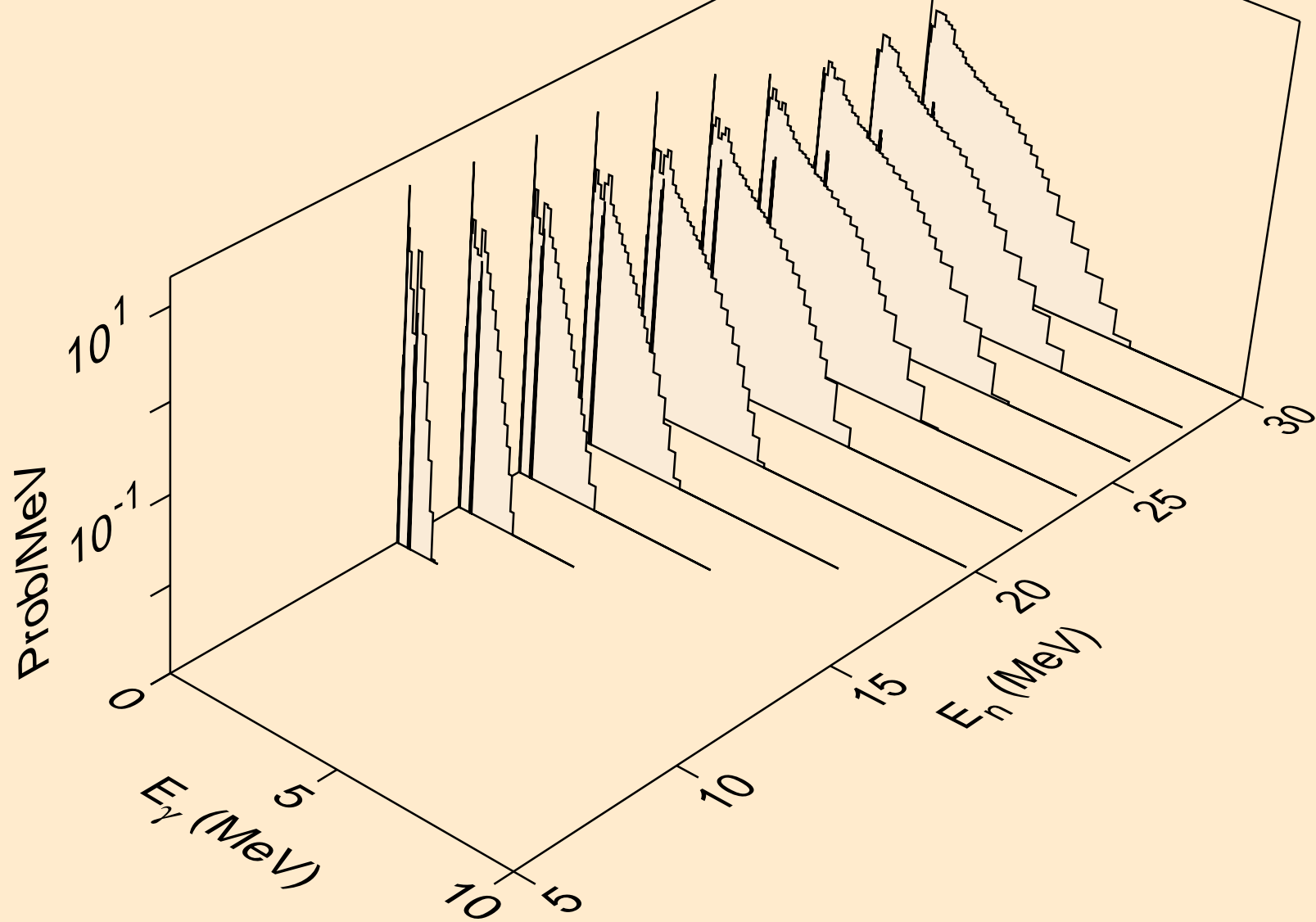
HO156N PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



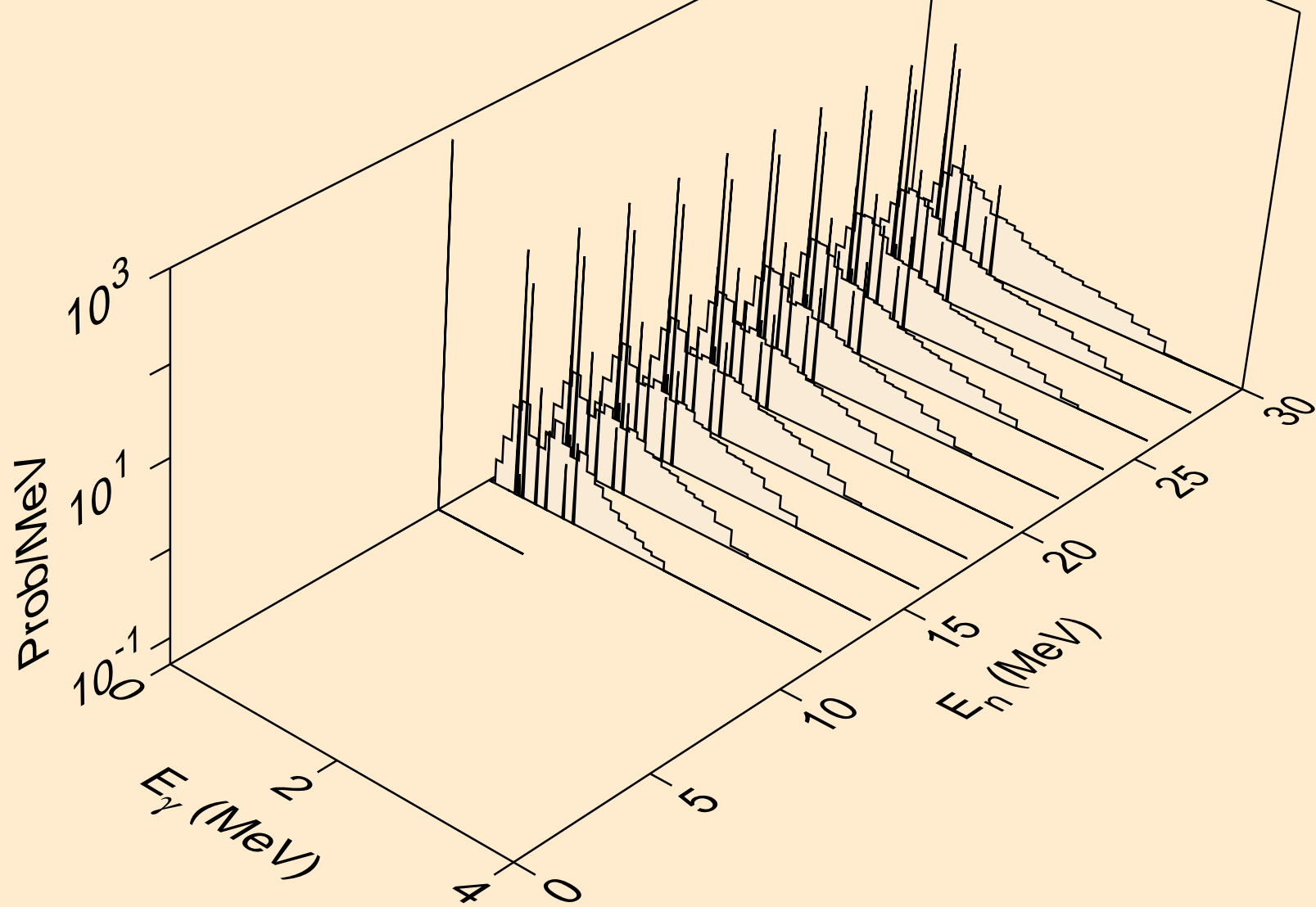
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Photon emission for (n,d)



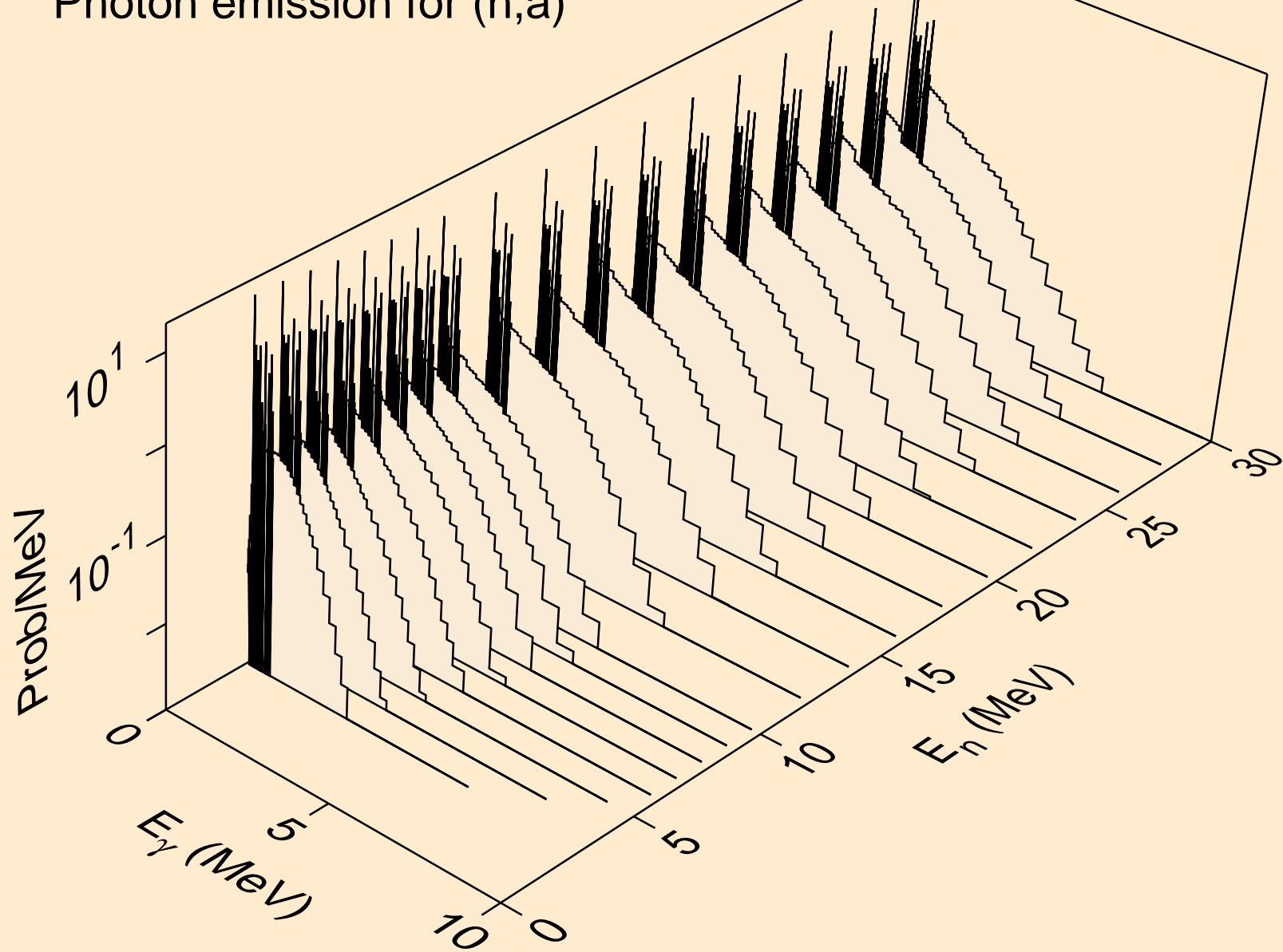
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Photon emission for (n,t)



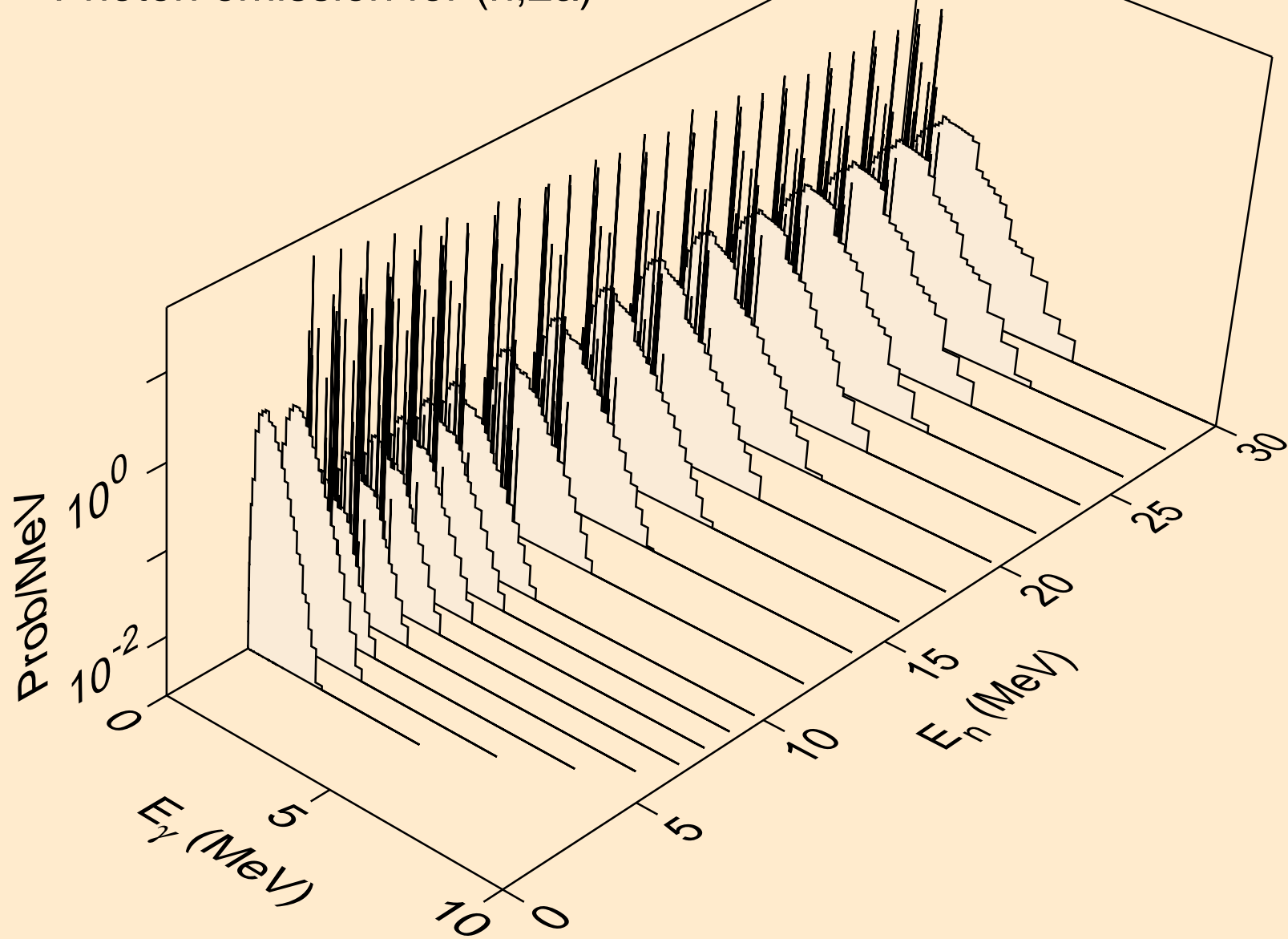
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Photon emission for (n,he3)



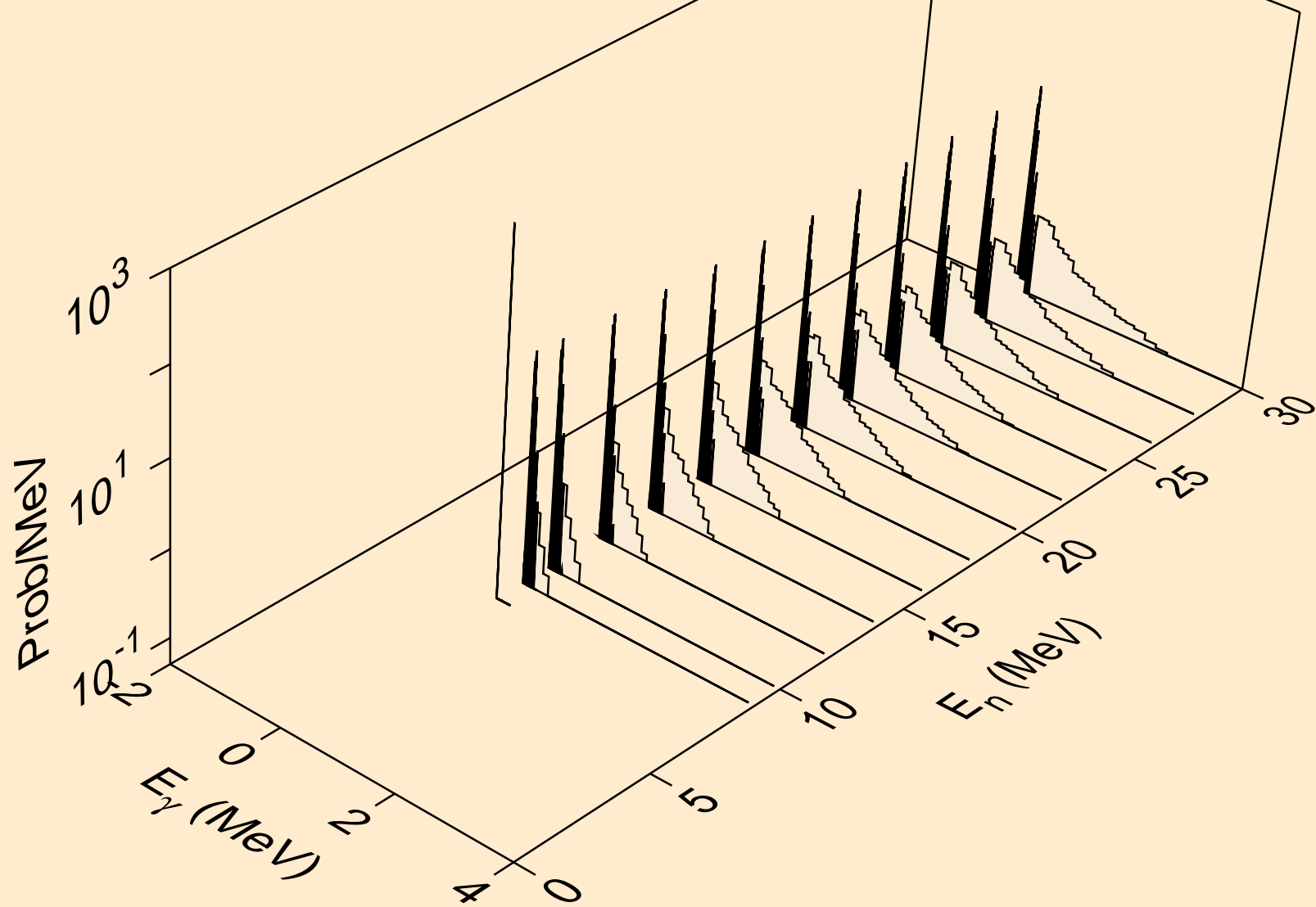
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Photon emission for (n,a)



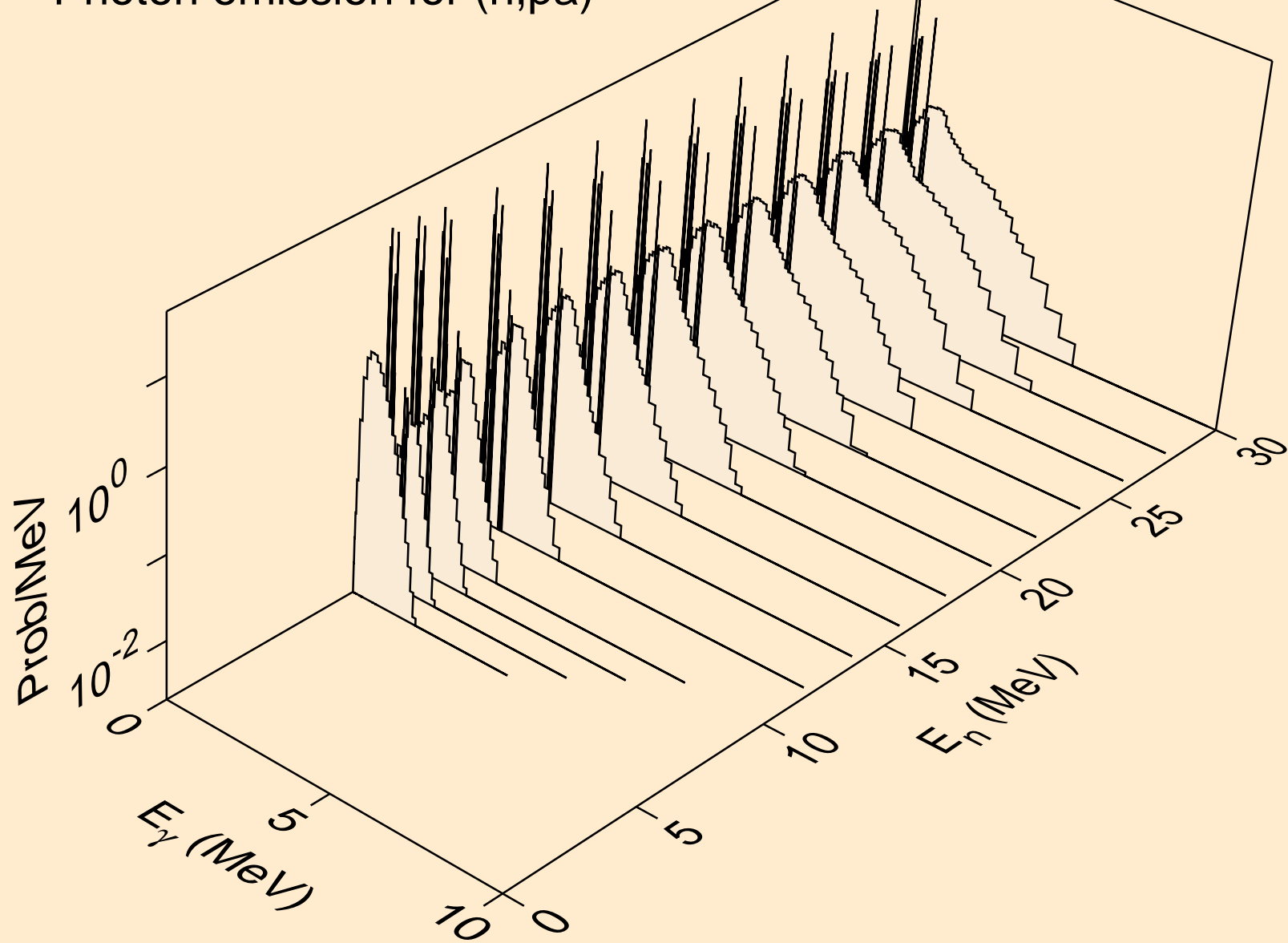
HO156N PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)



HO156N PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)

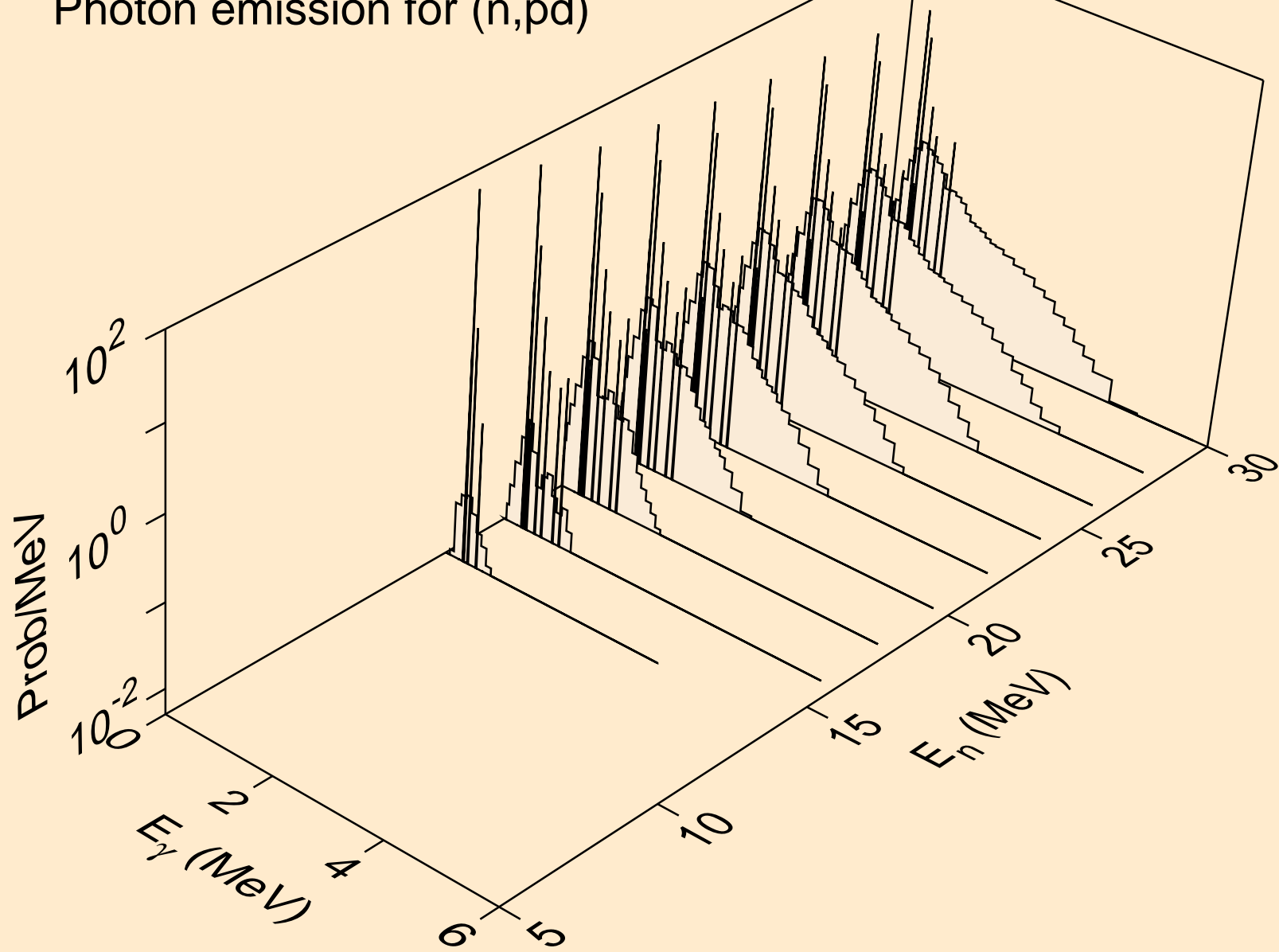


HO156N PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pa)

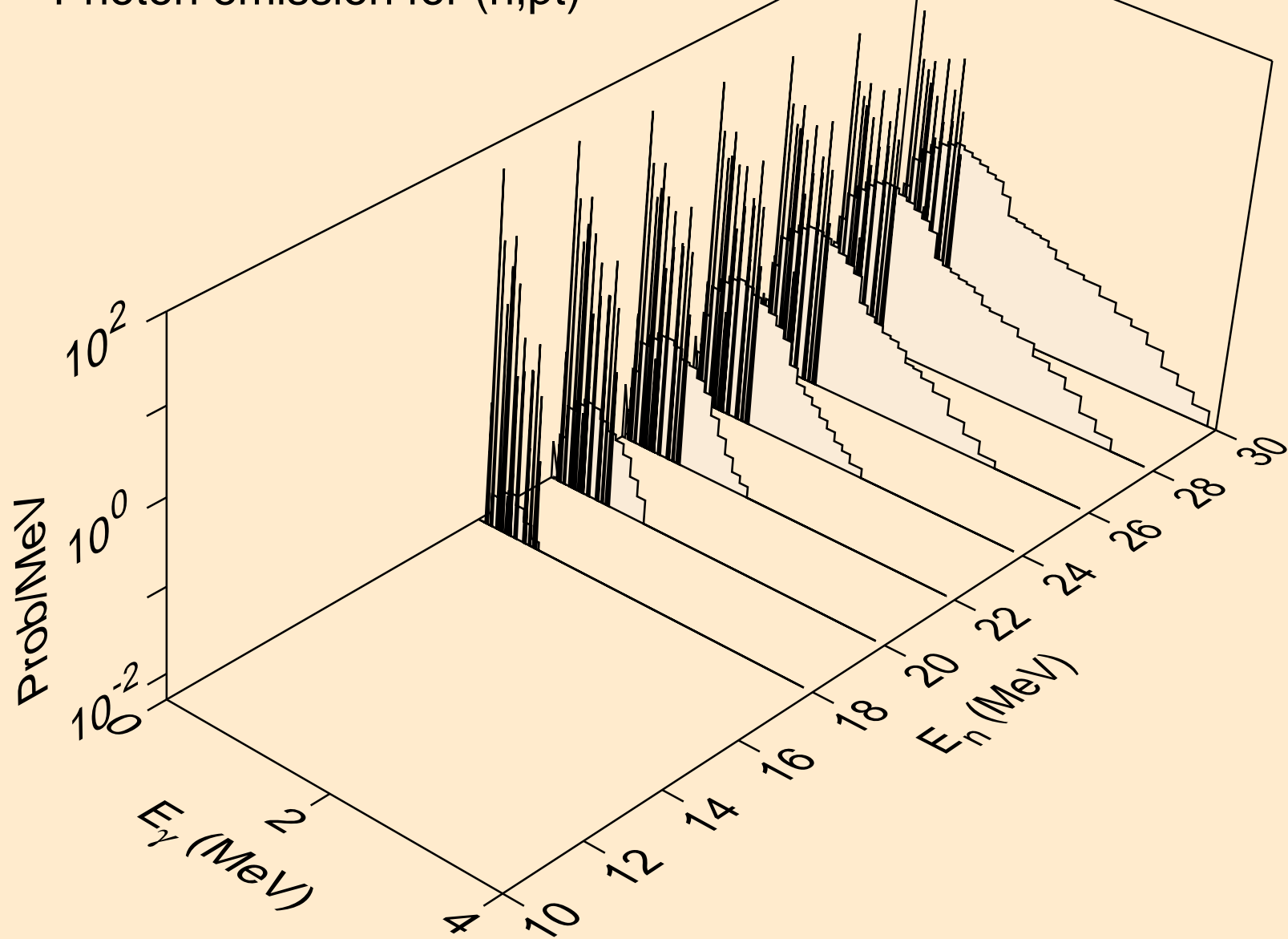




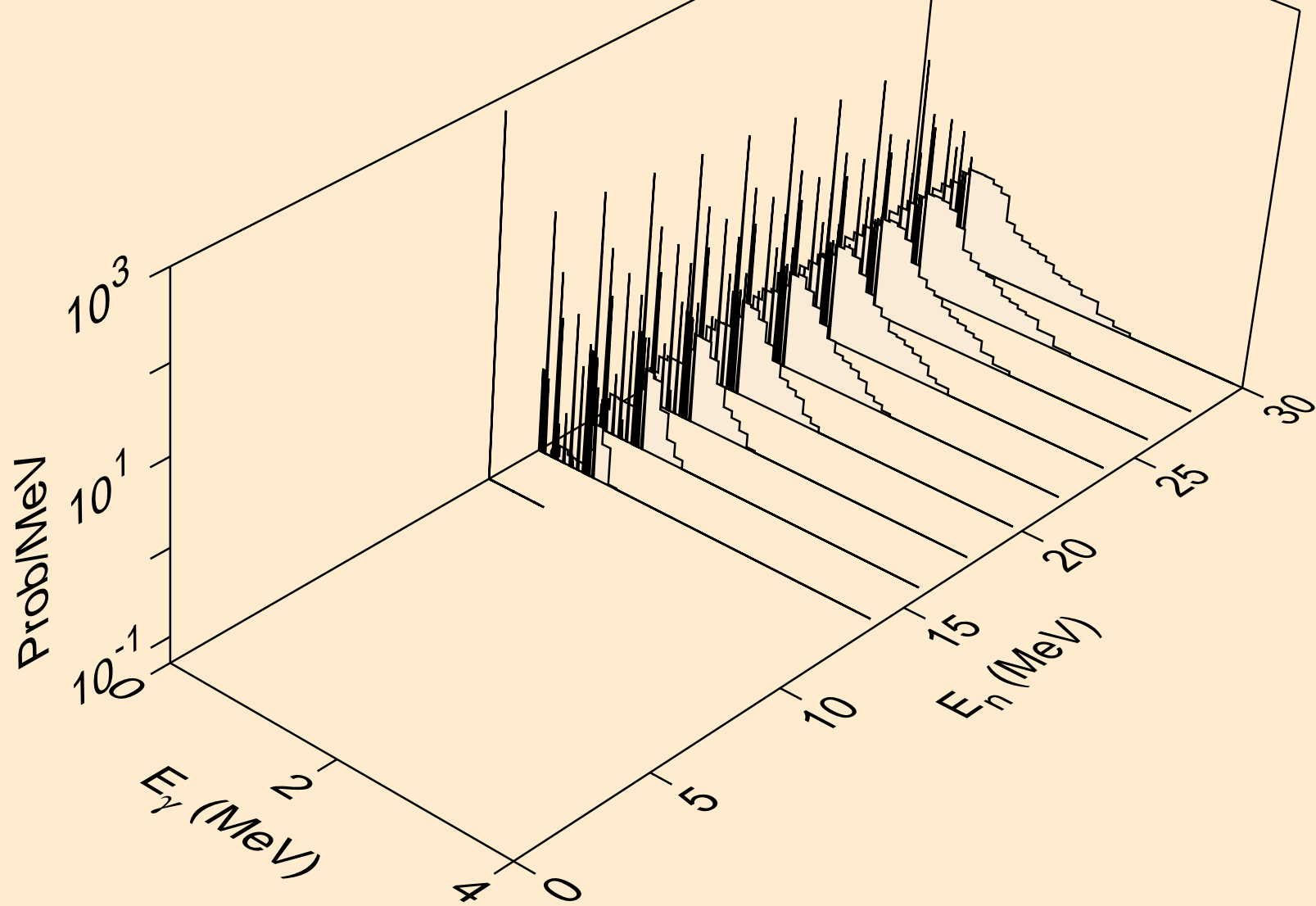
HO156N PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)



HO156N PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)

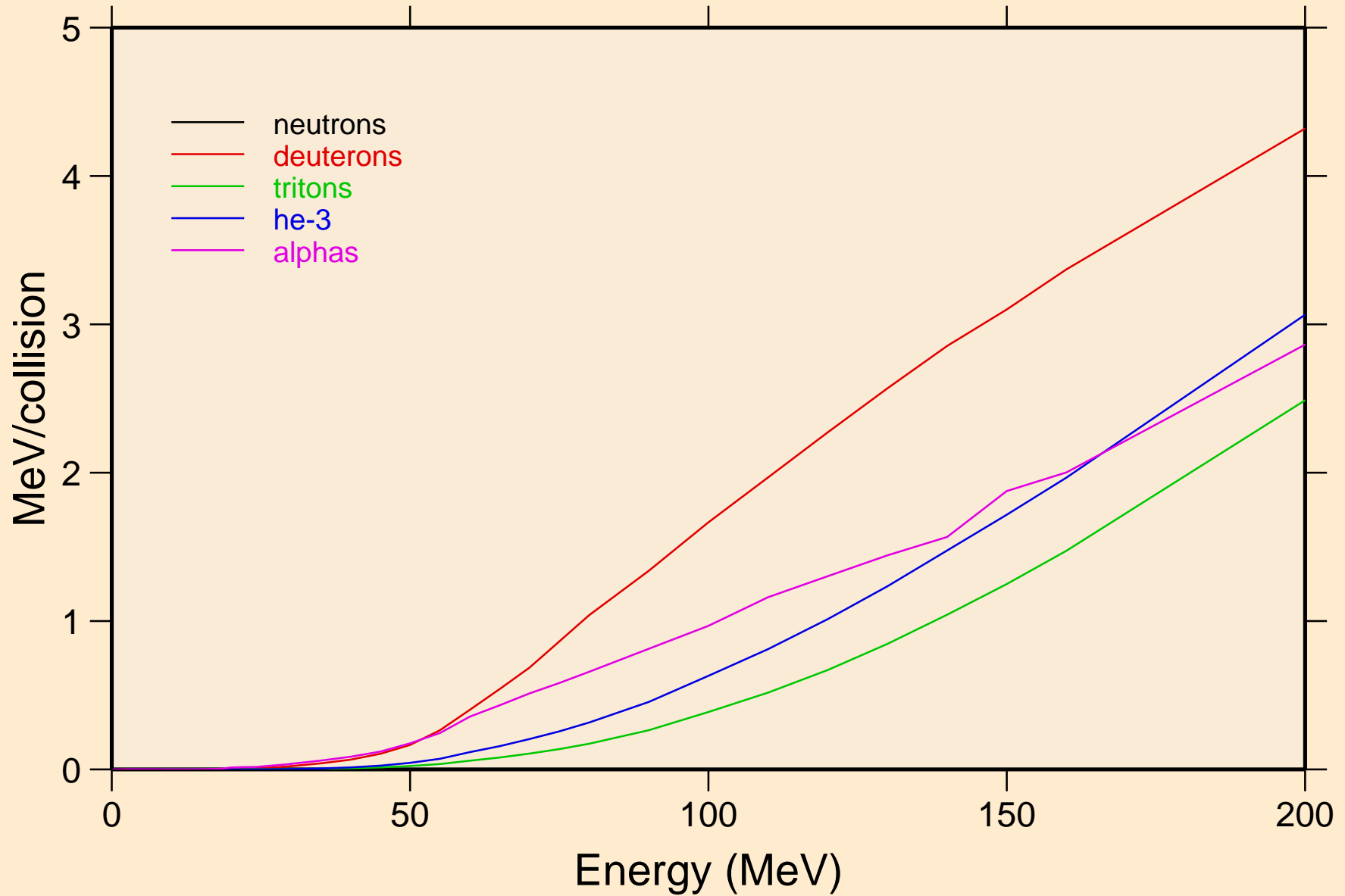


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Photon emission for (n,da)

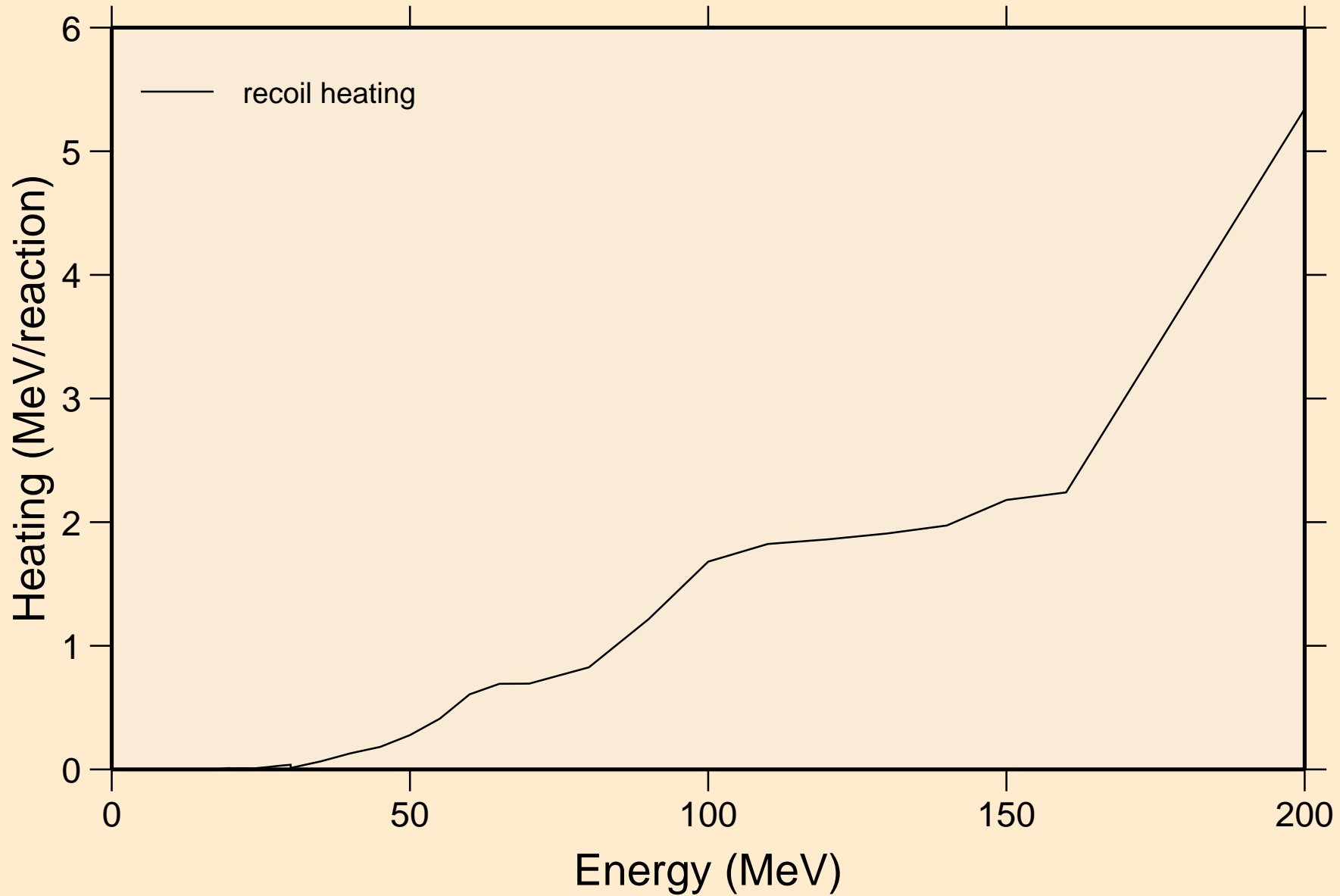


# HO156N PROTON ACER TENDL-2021 LIBRARY; T=0.K

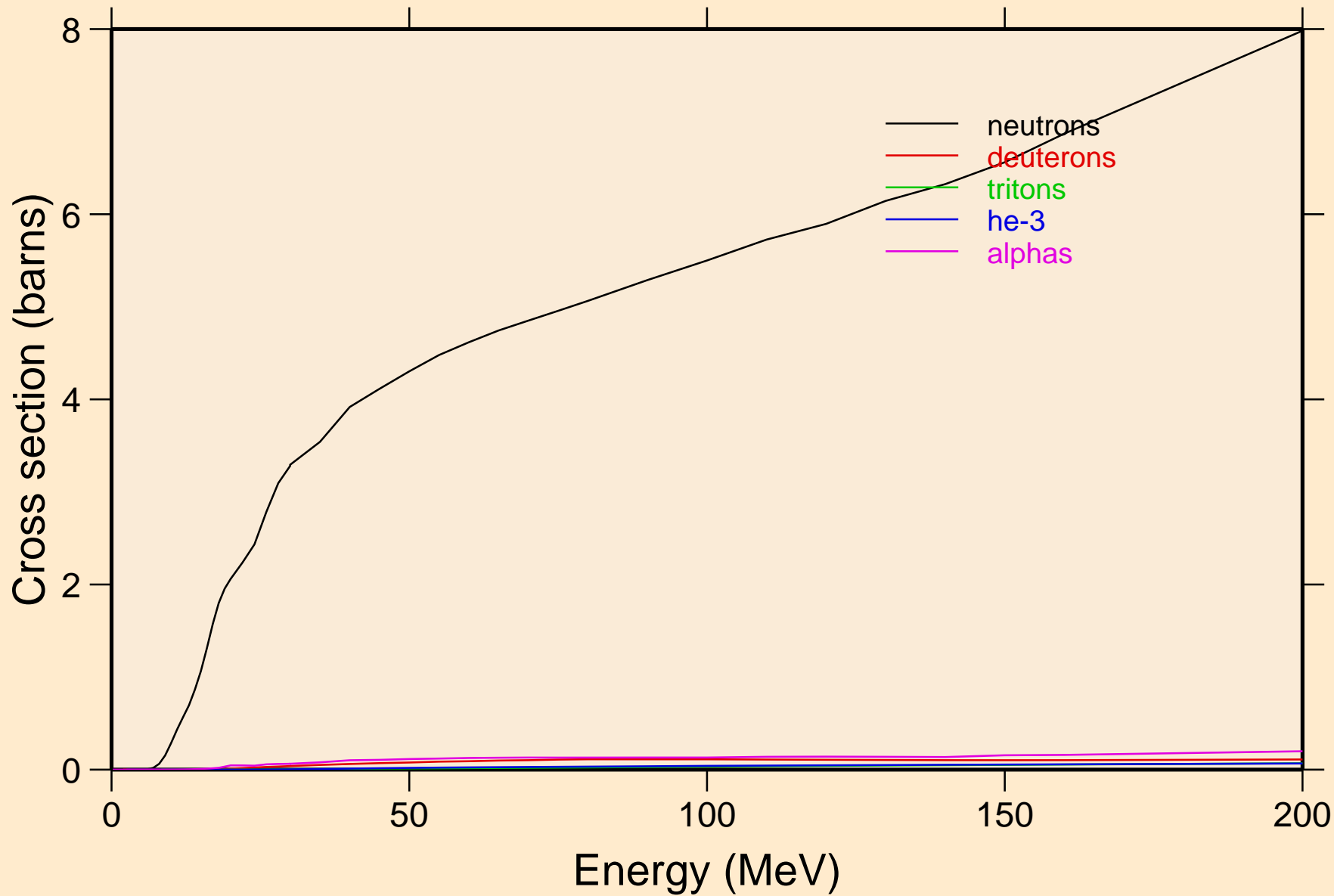
## Particle heating contributions



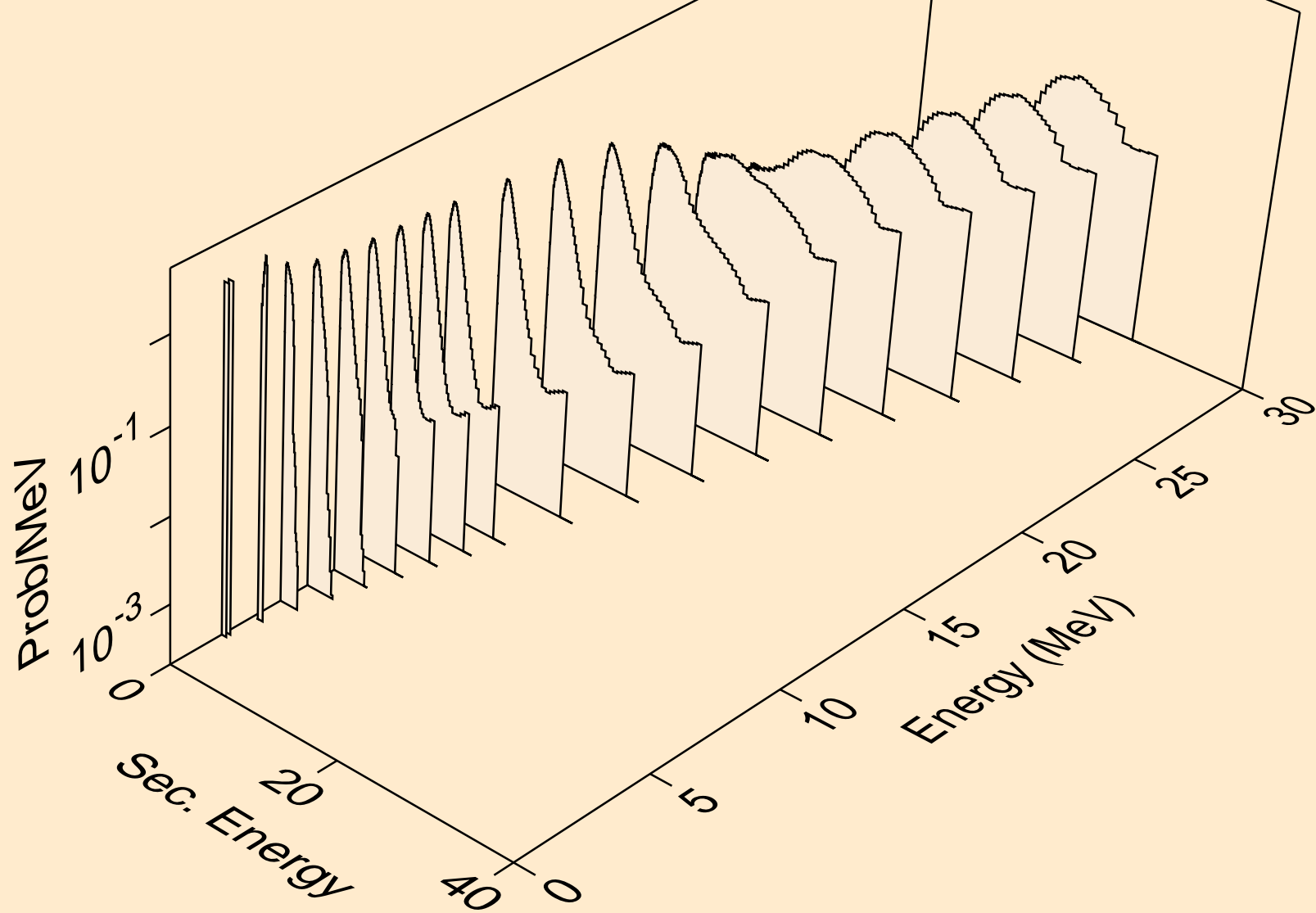
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Recoil Heating



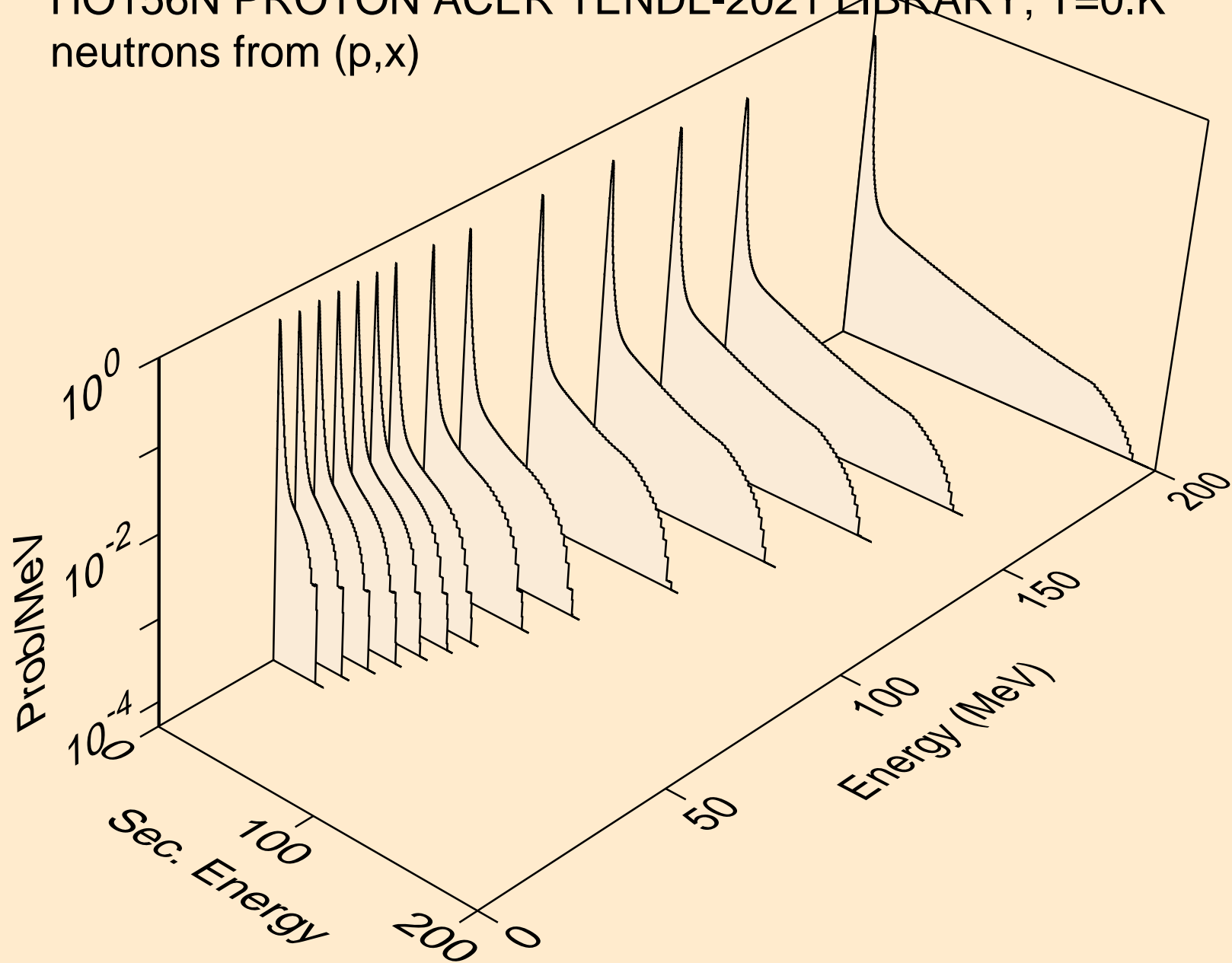
HO156N PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



HO156N PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n)

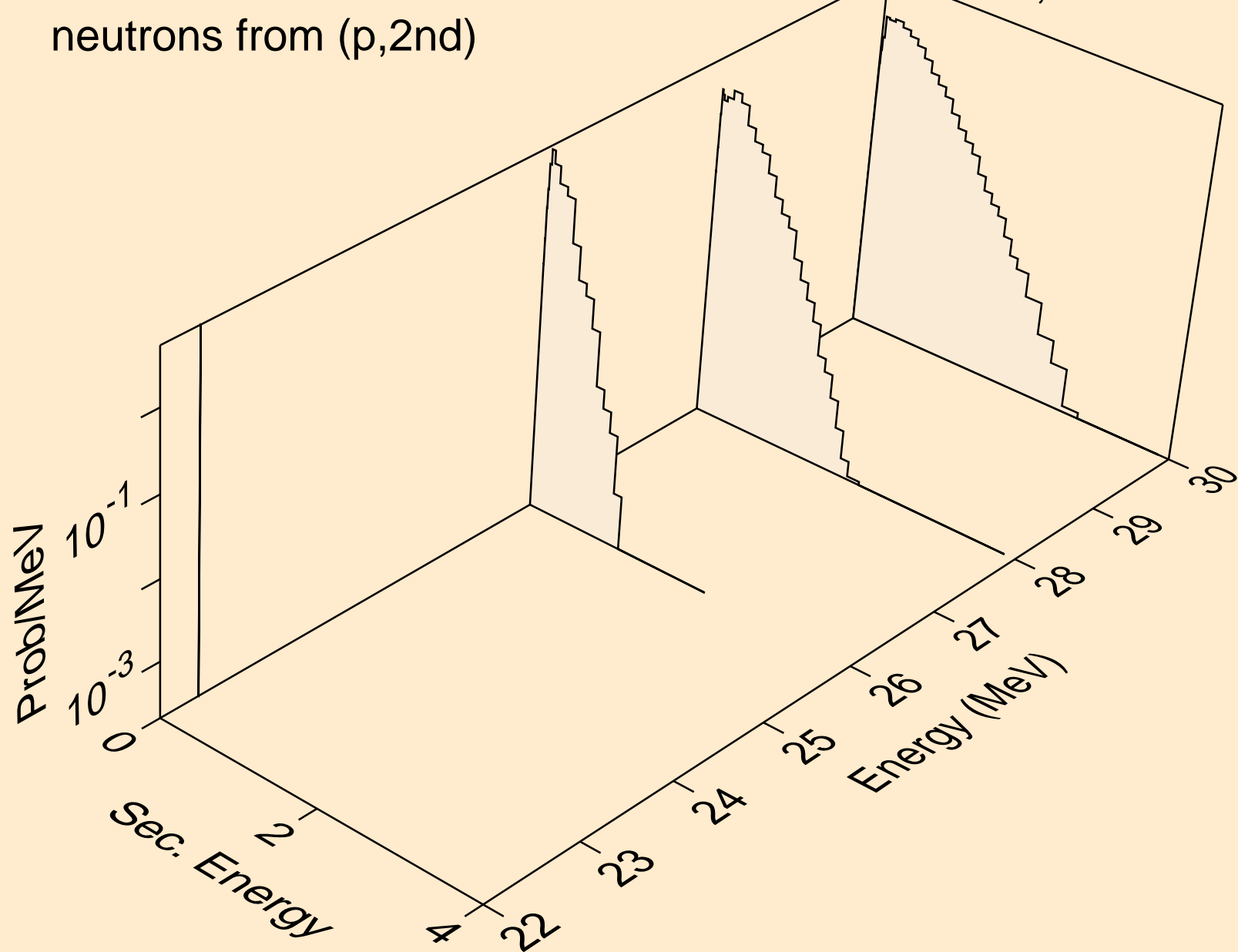


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neutrons from (p,x)

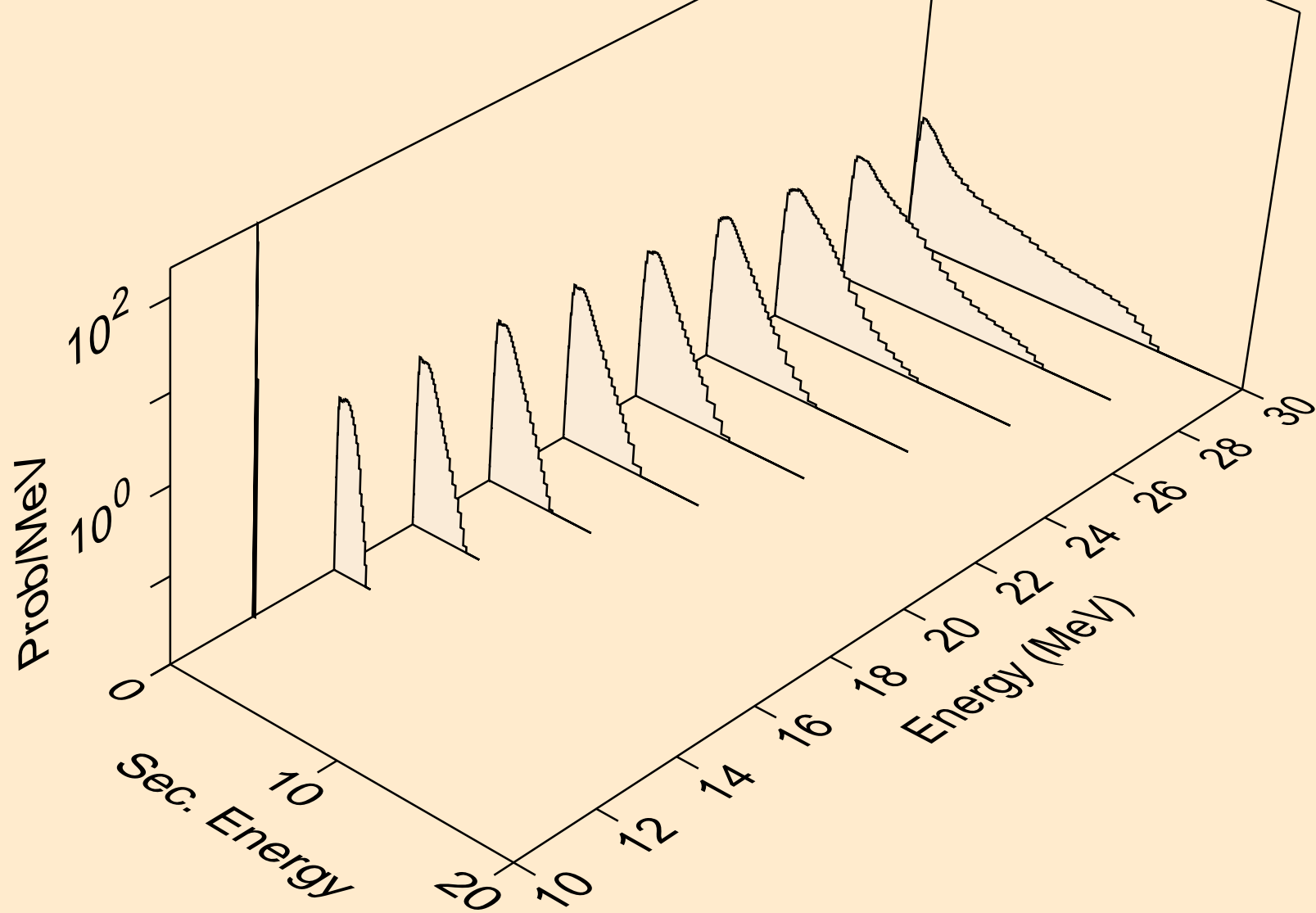




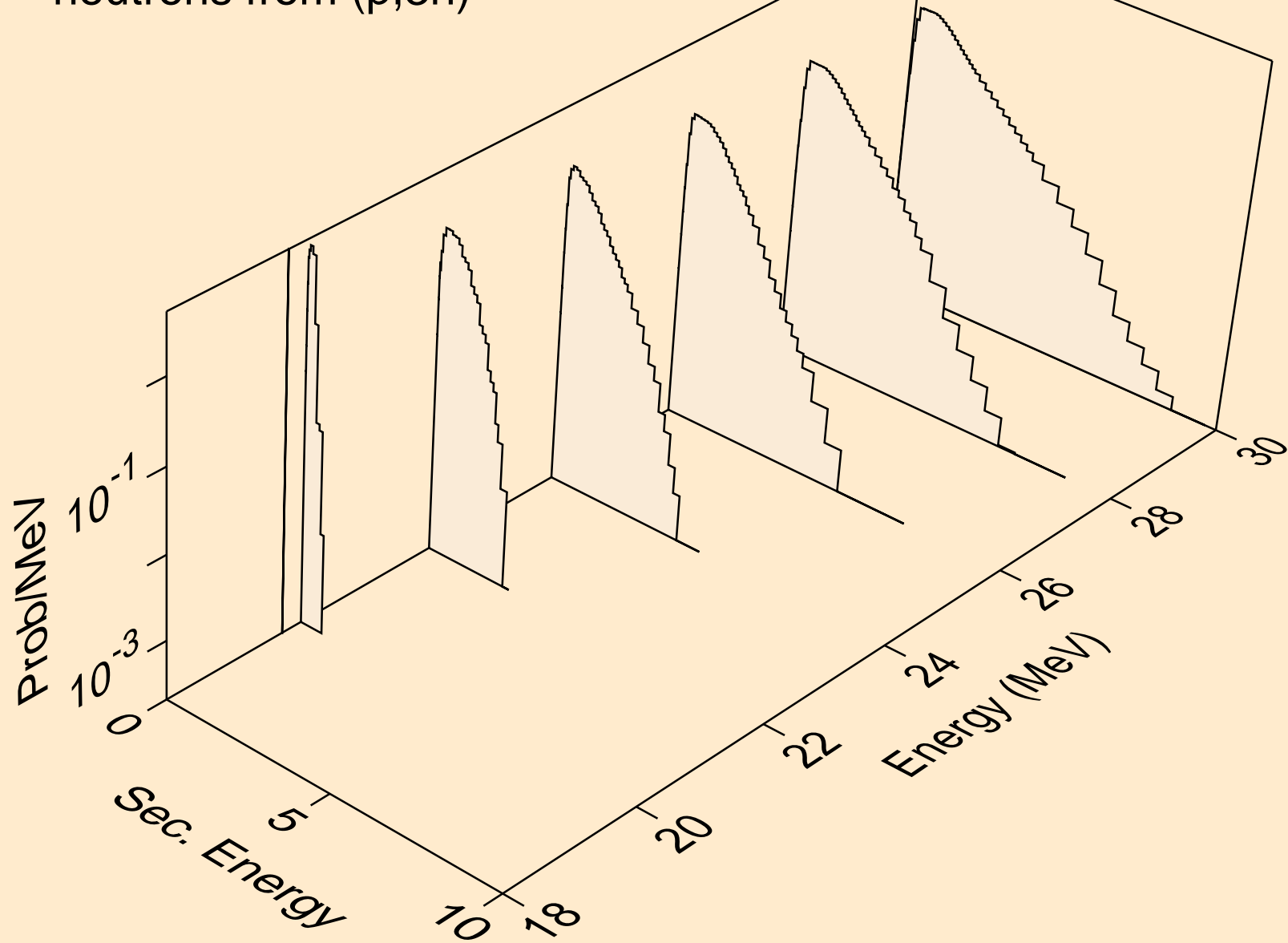
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neutrons from (p,2nd)



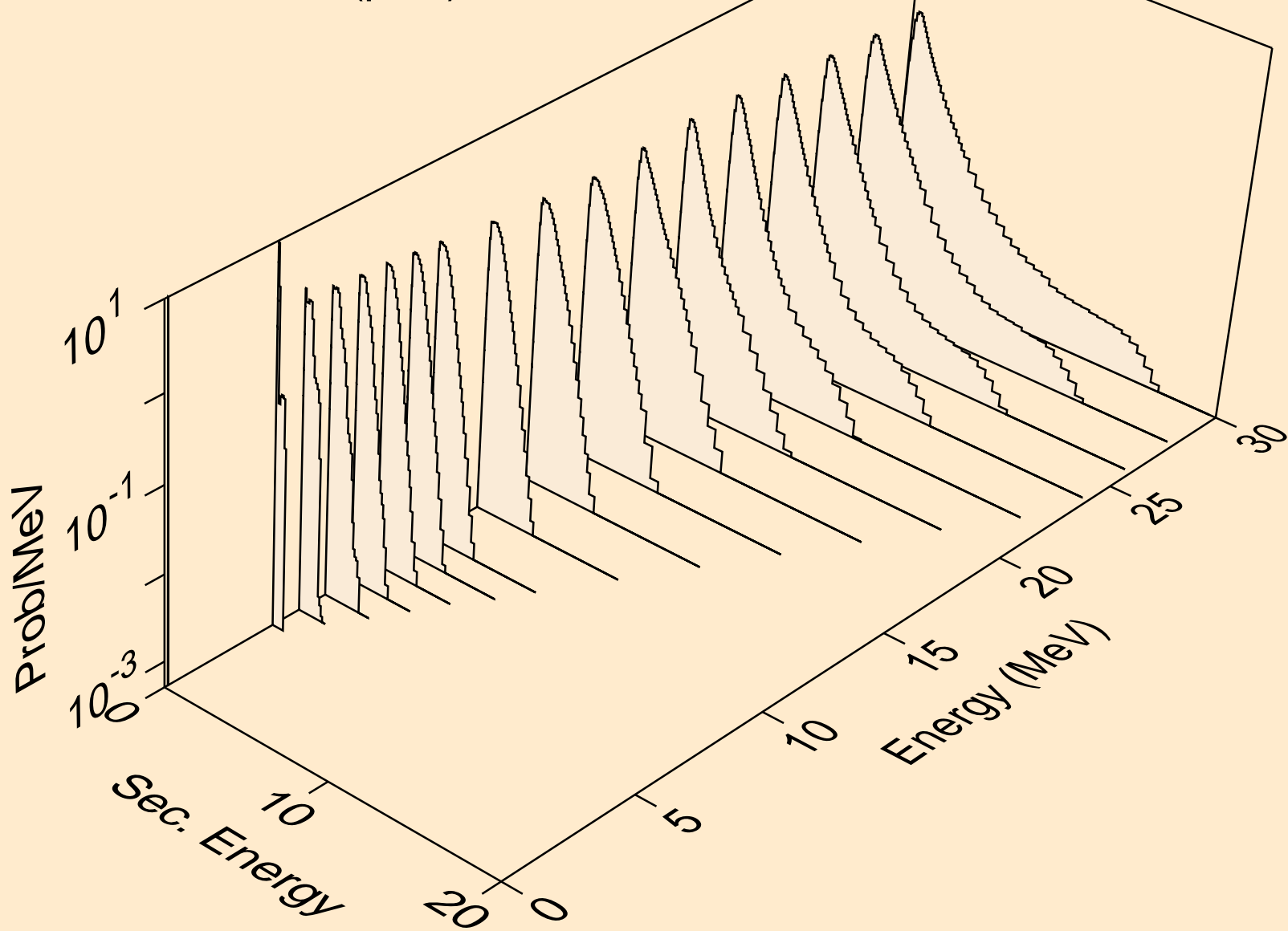
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neutrons from (p,2n)



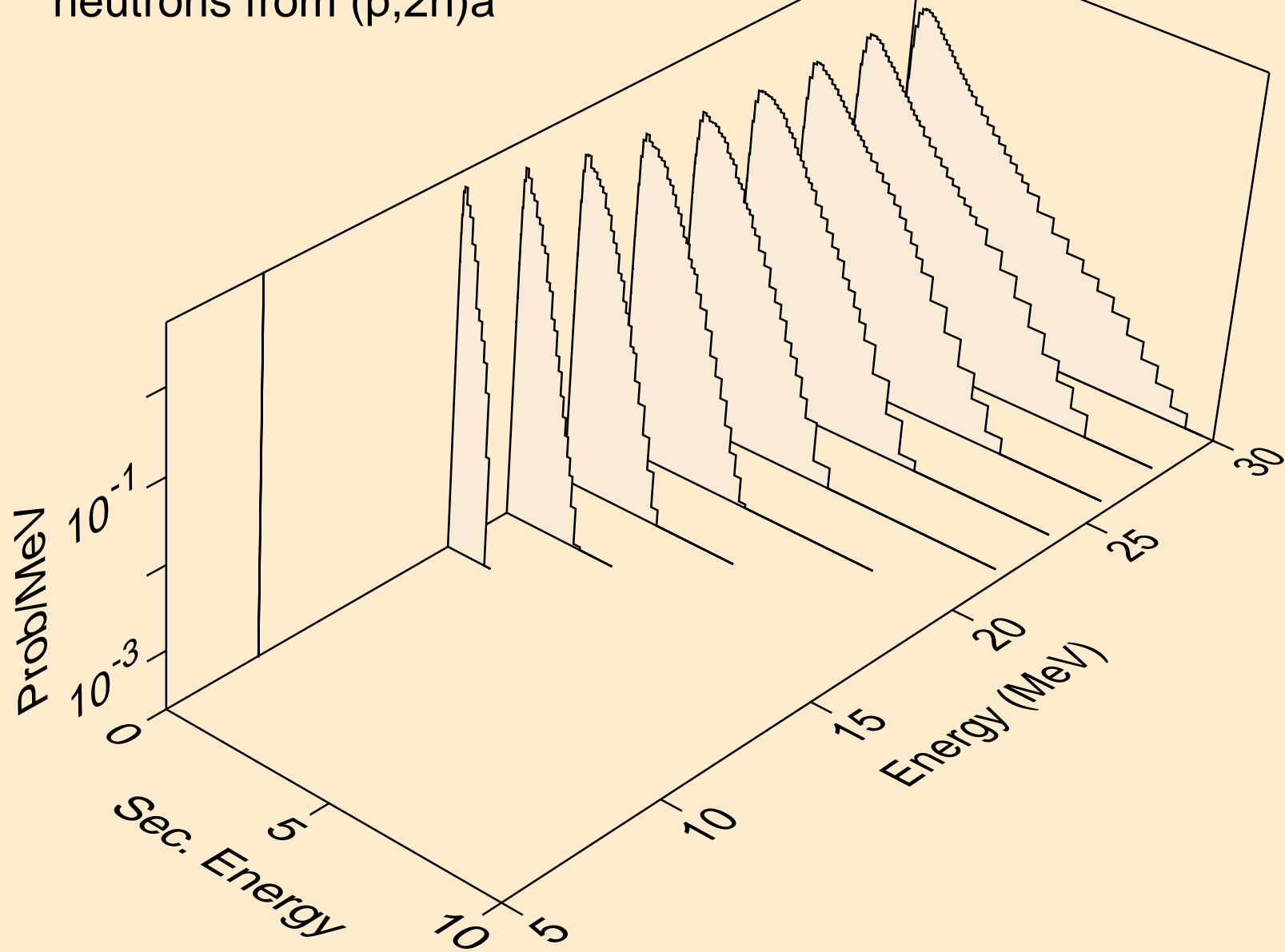
HO156N PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,3n)



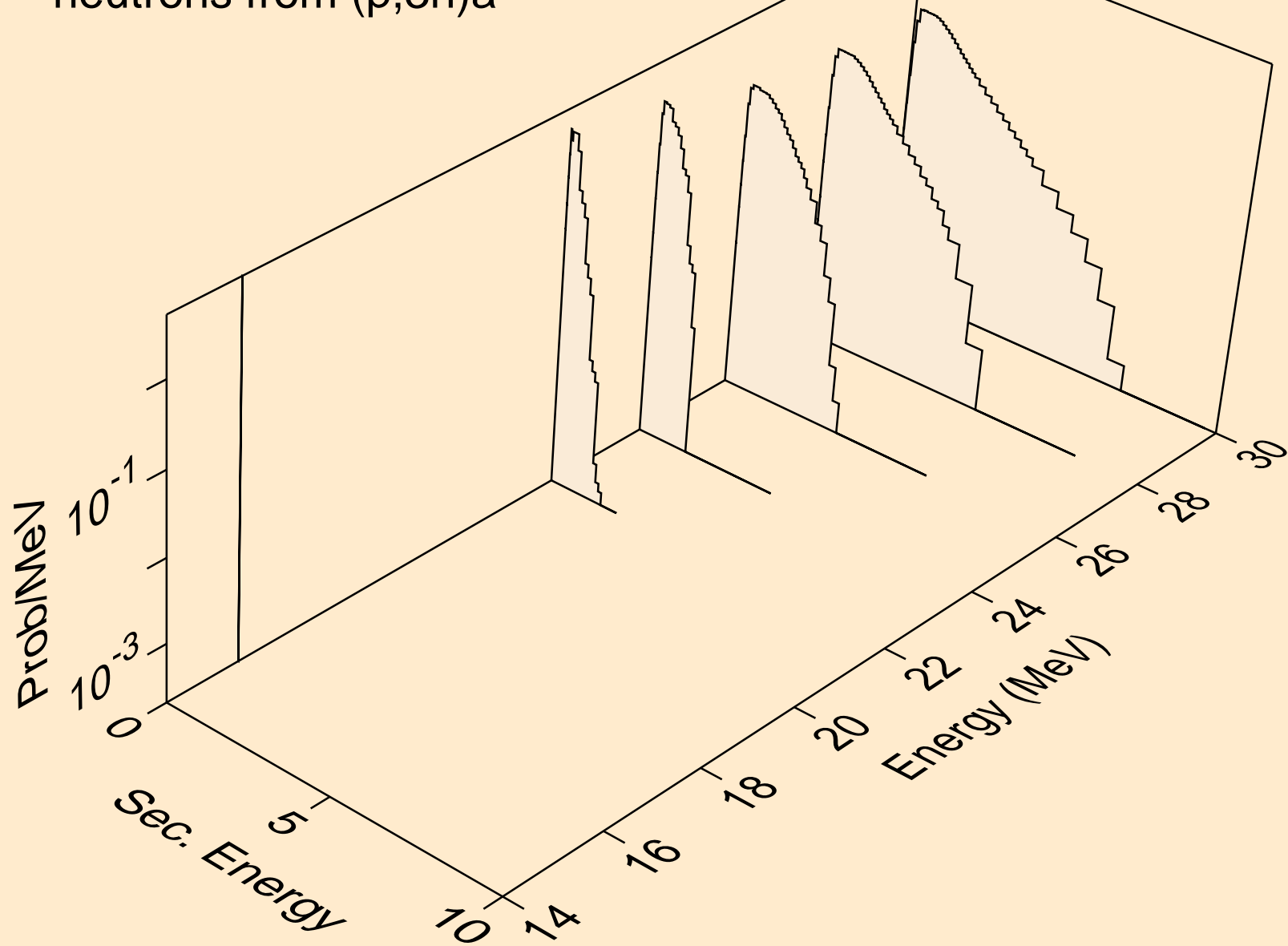
HO156N PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)a



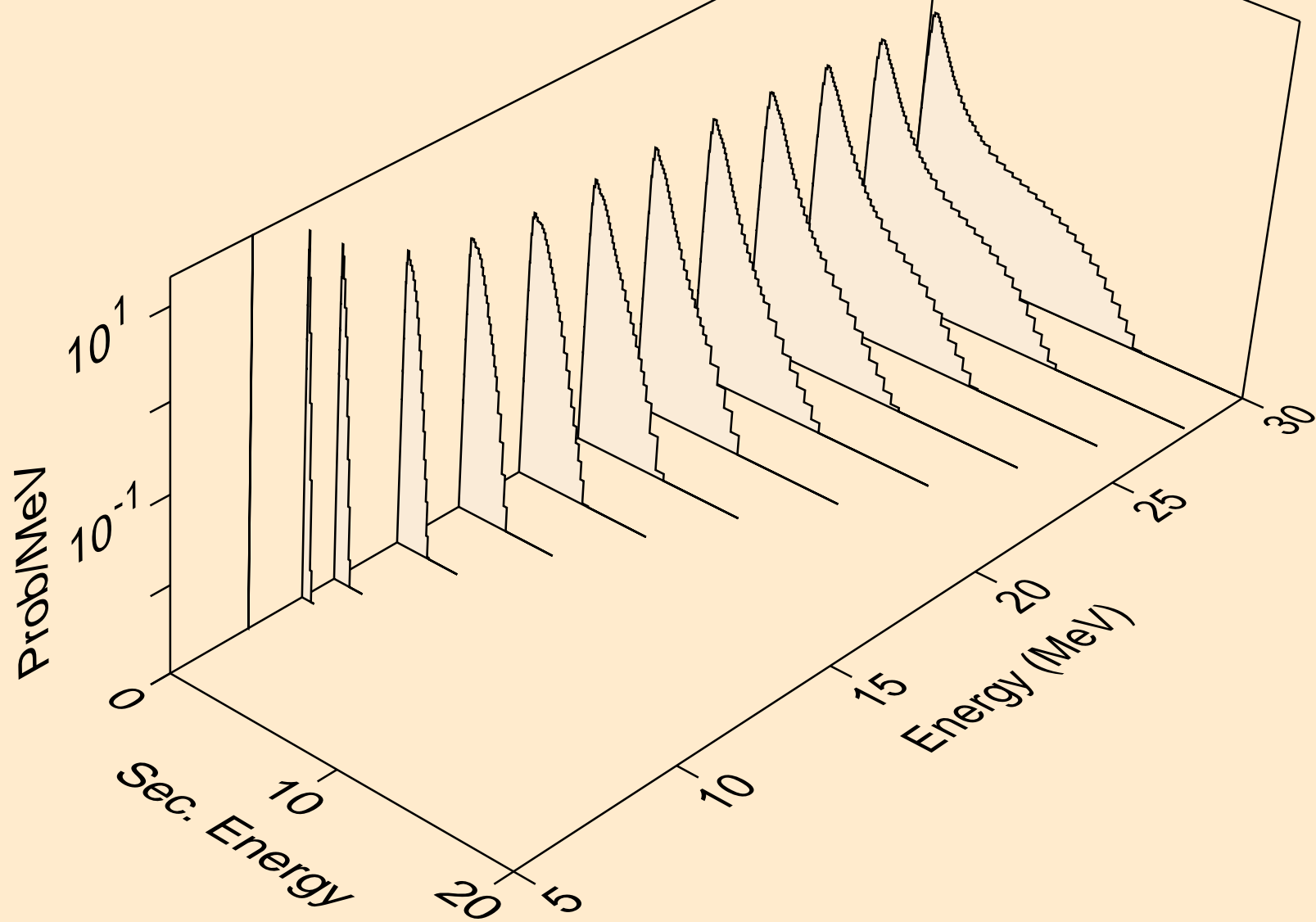
HO156N PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2n)a



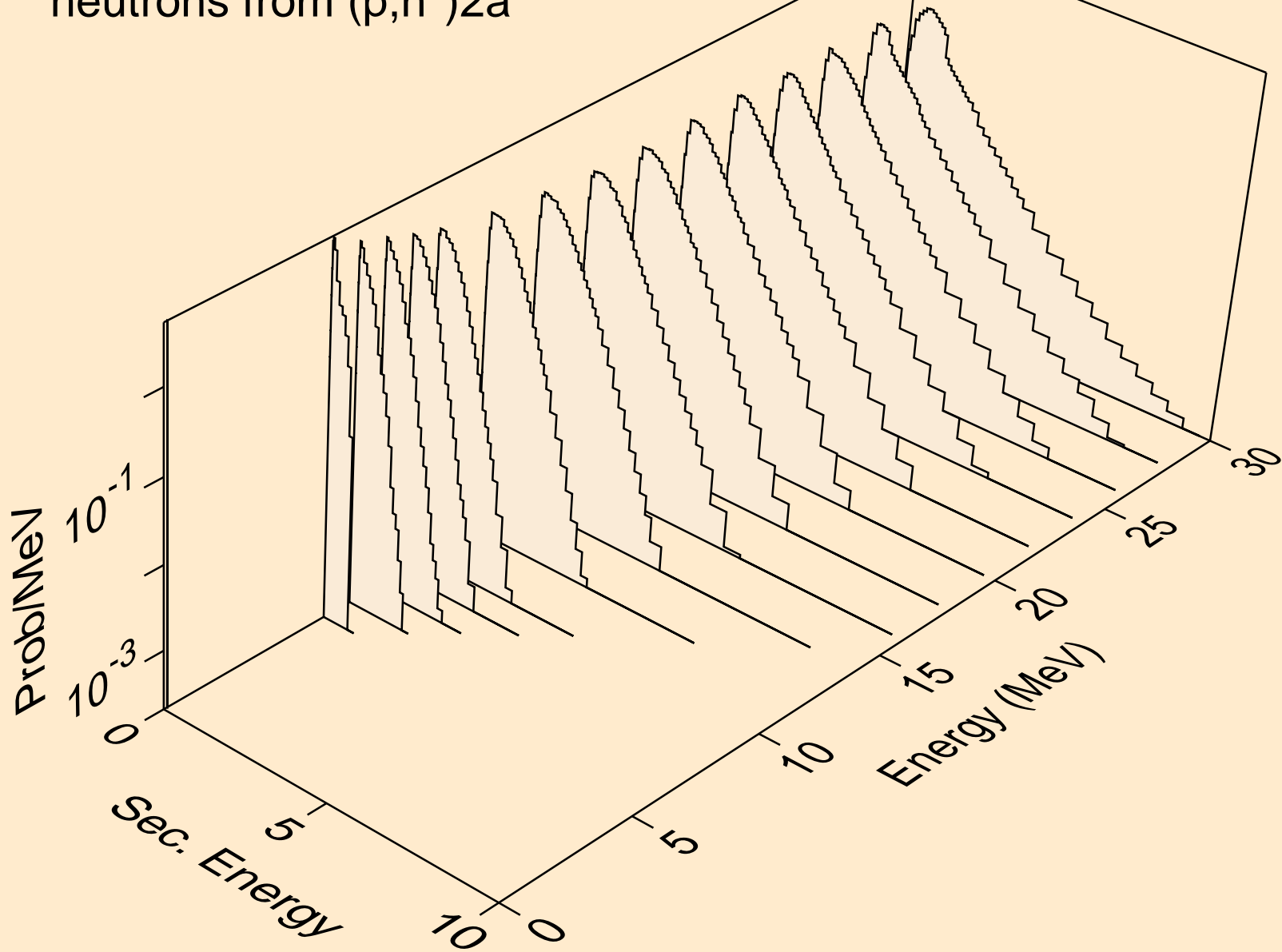
HO156N PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,3n)a



HO156N PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)p

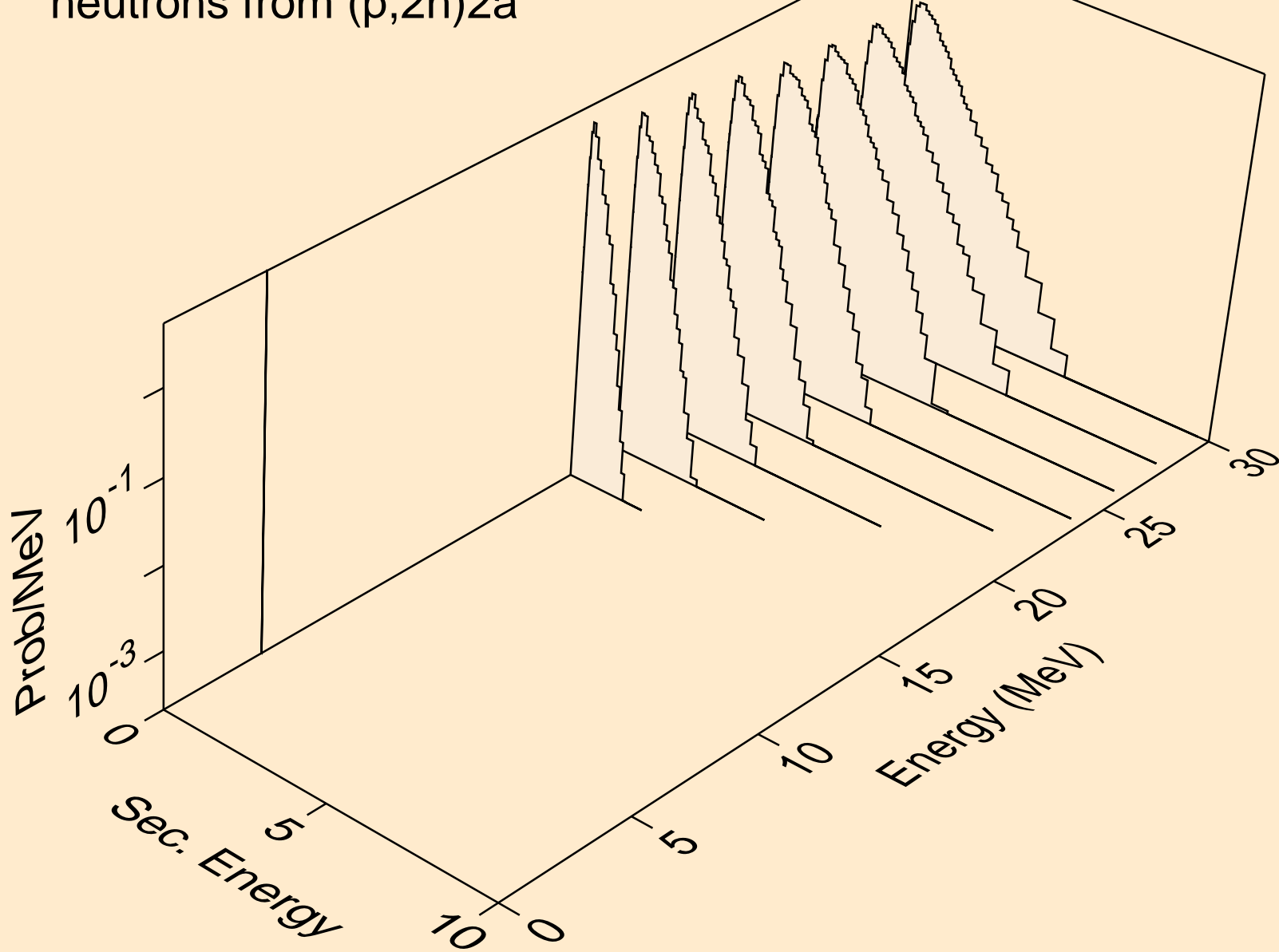


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neutrons from (p,n\*)2a

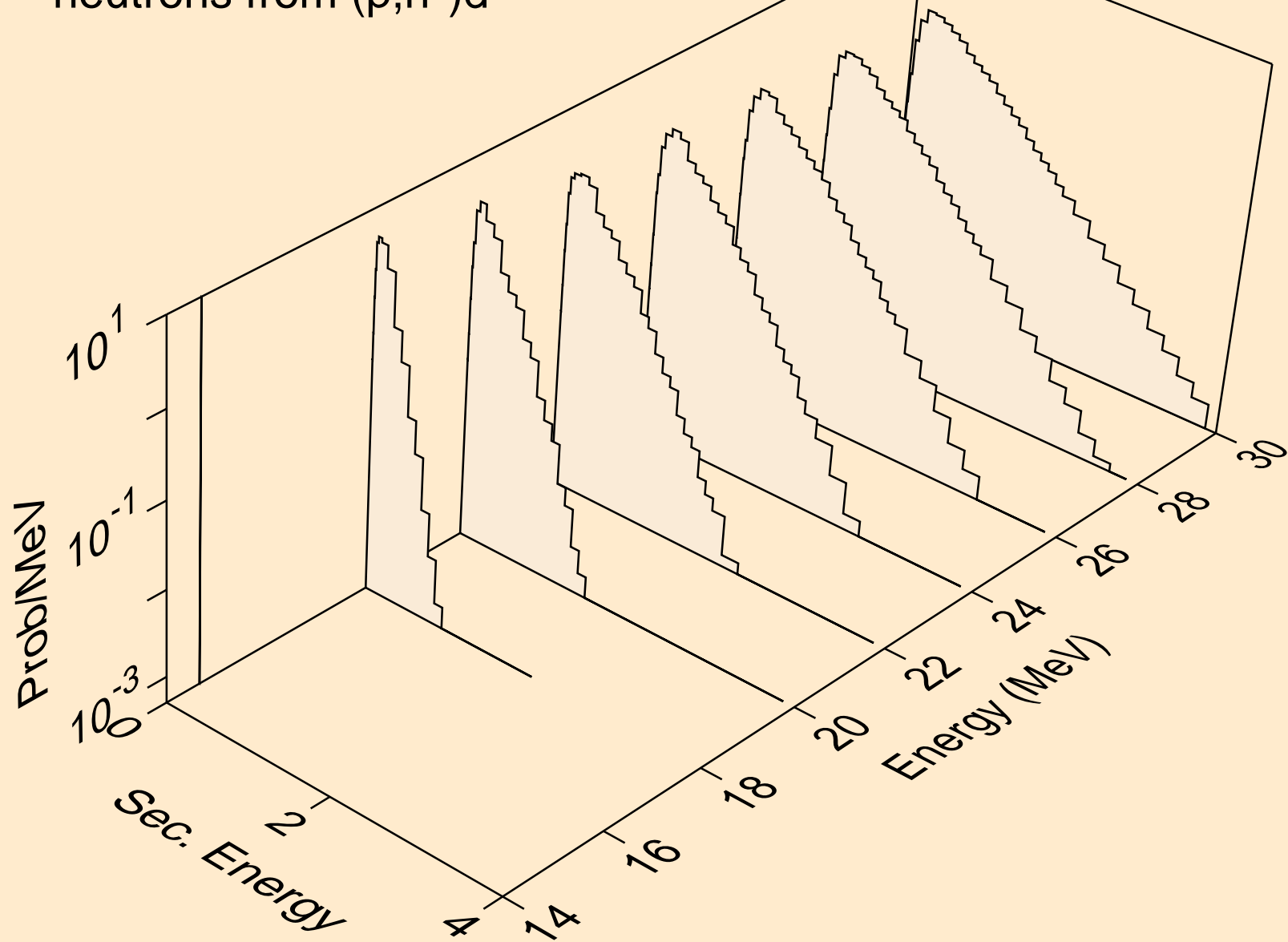




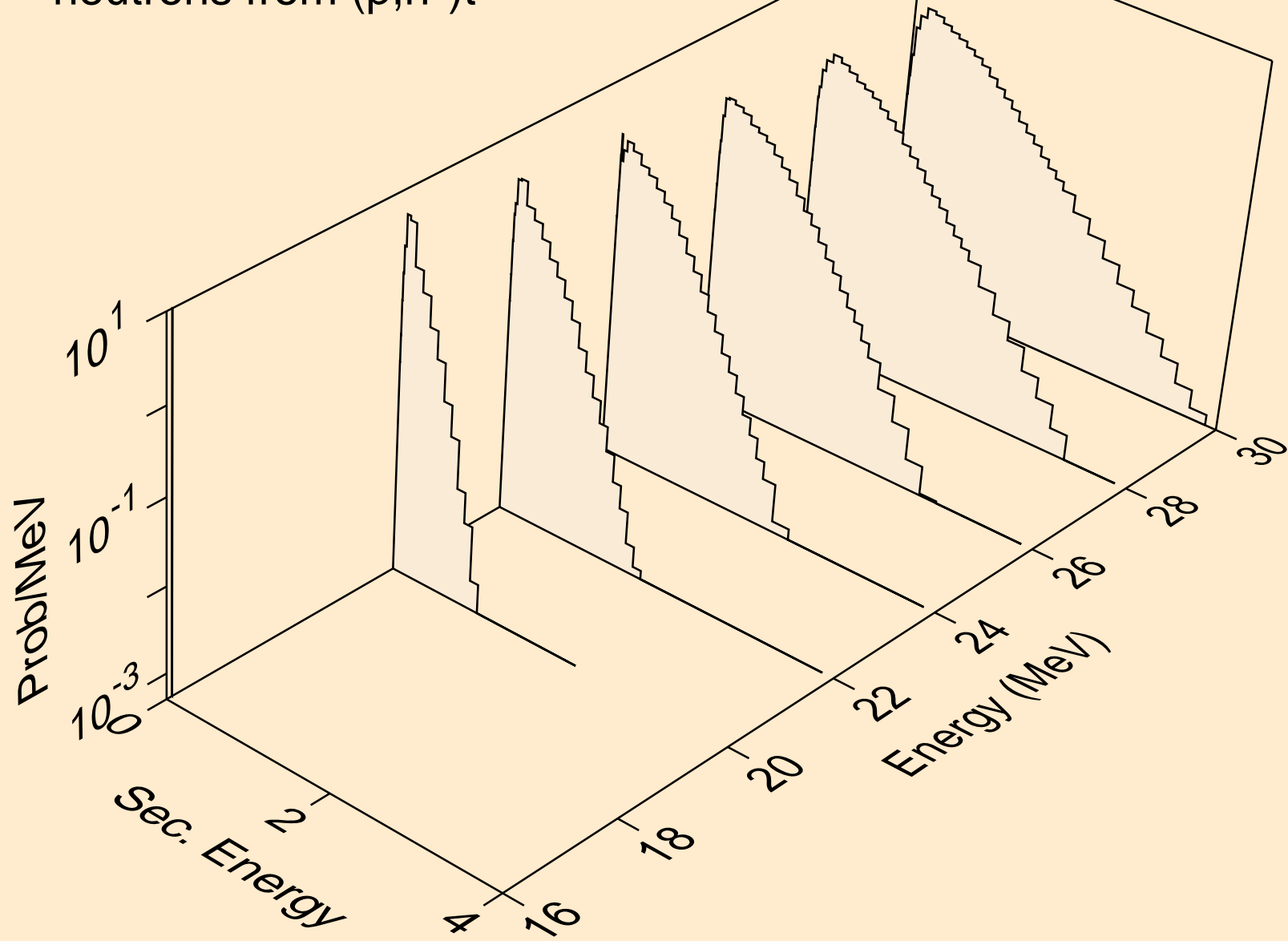
HO156N PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2n)2a



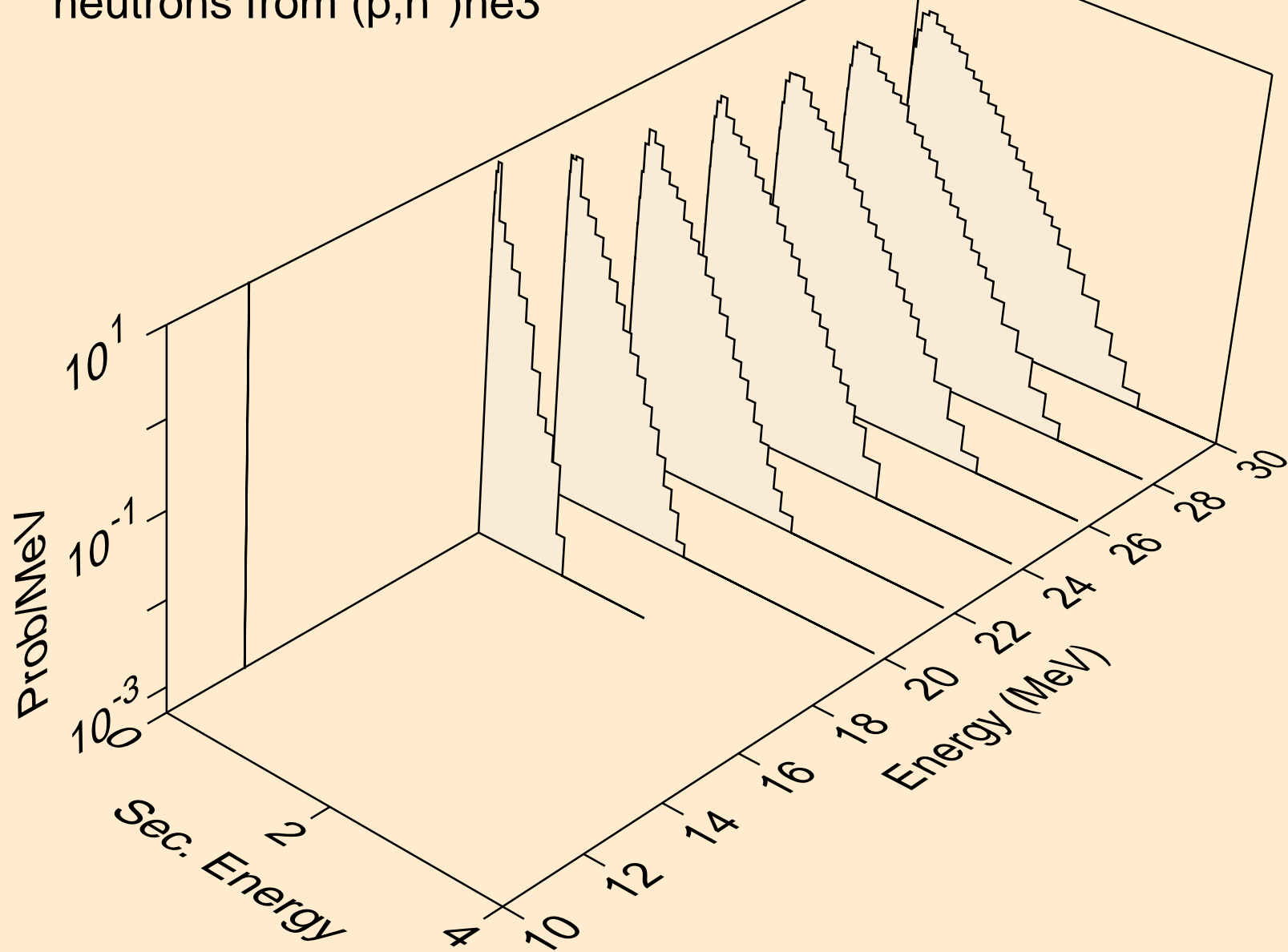
HO156N PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)d



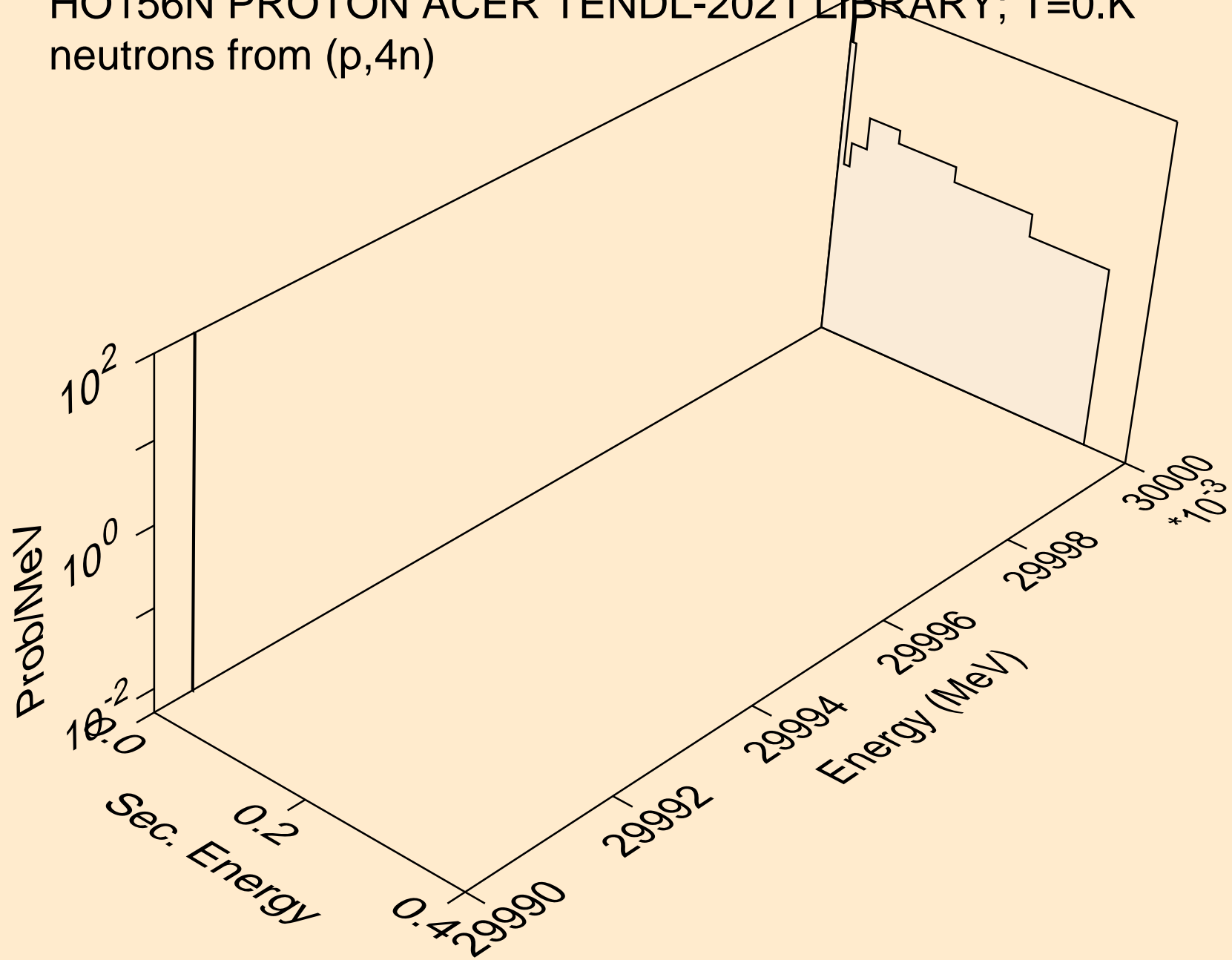
HO156N PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)t



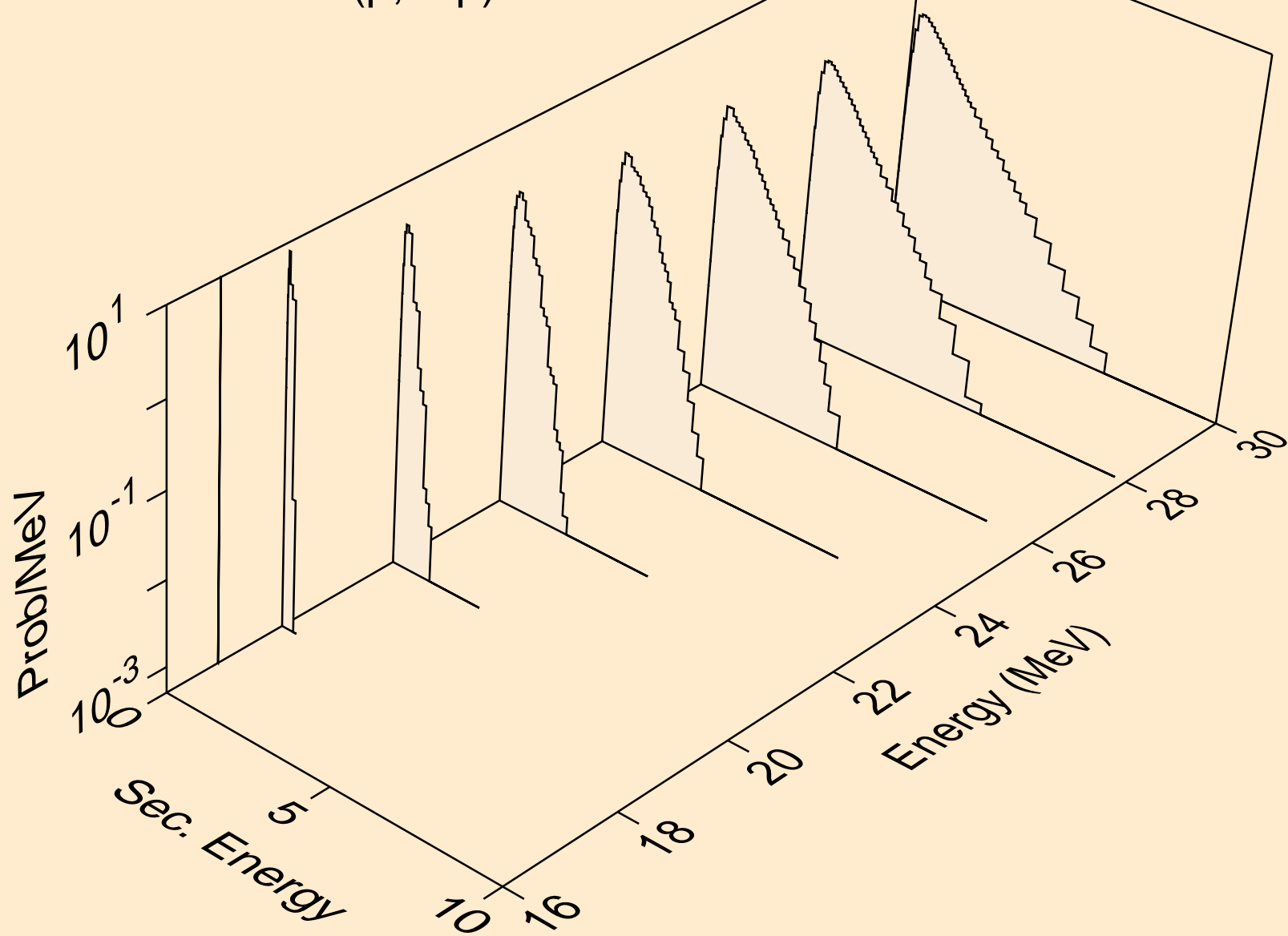
HO156N PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



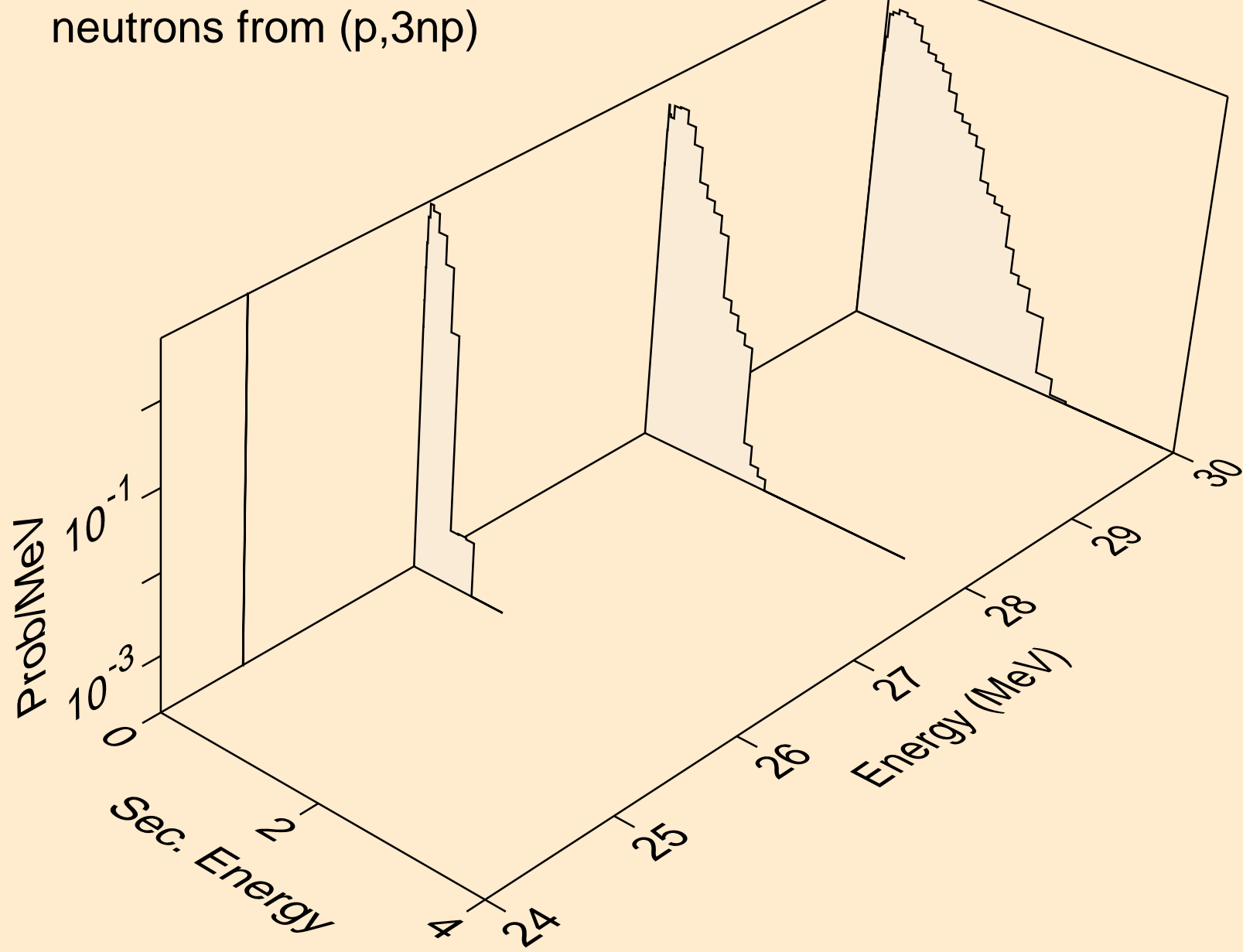
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neutrons from (p,4n)



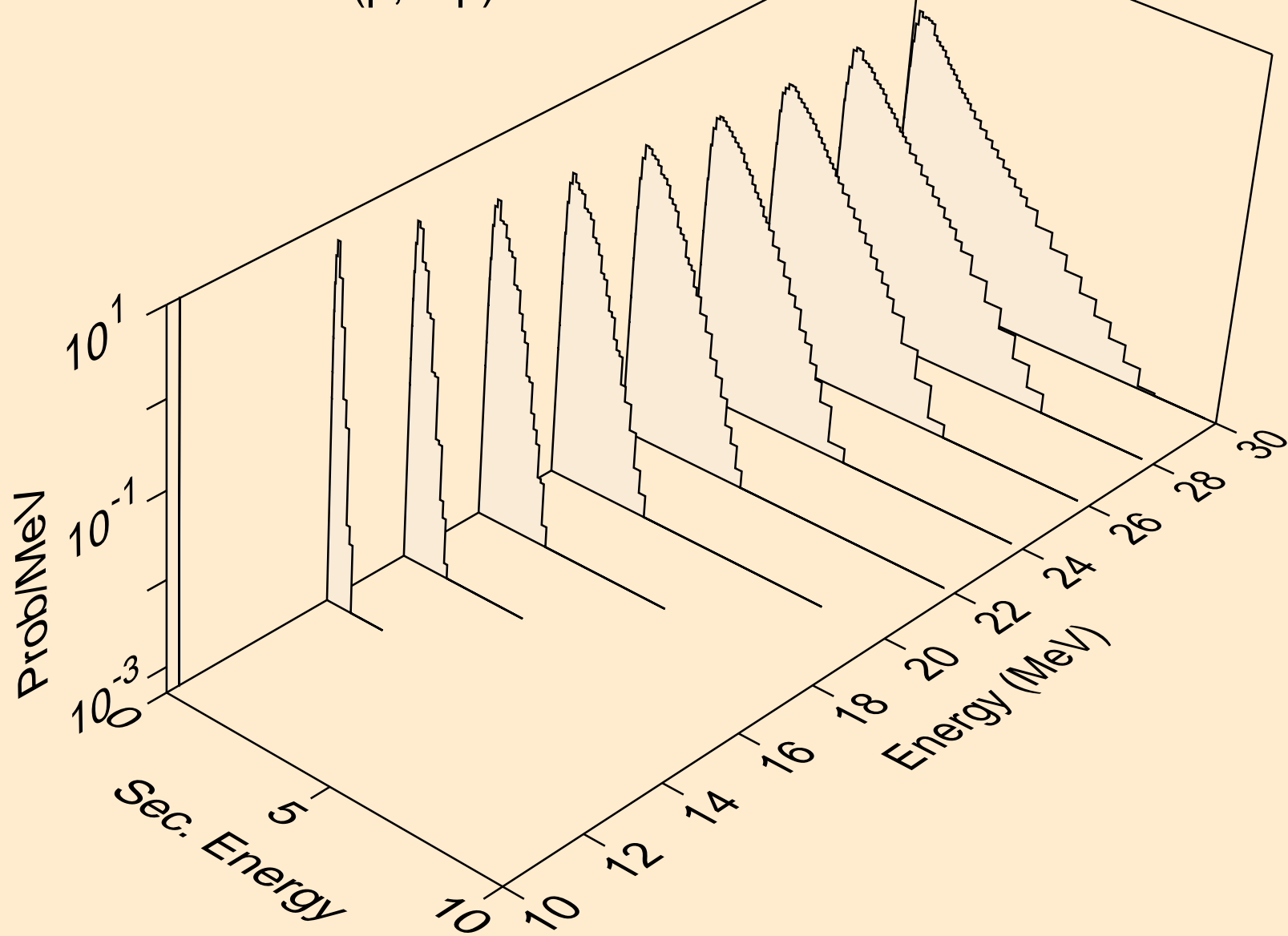
HO156N PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2np)



HO156N PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,3np)

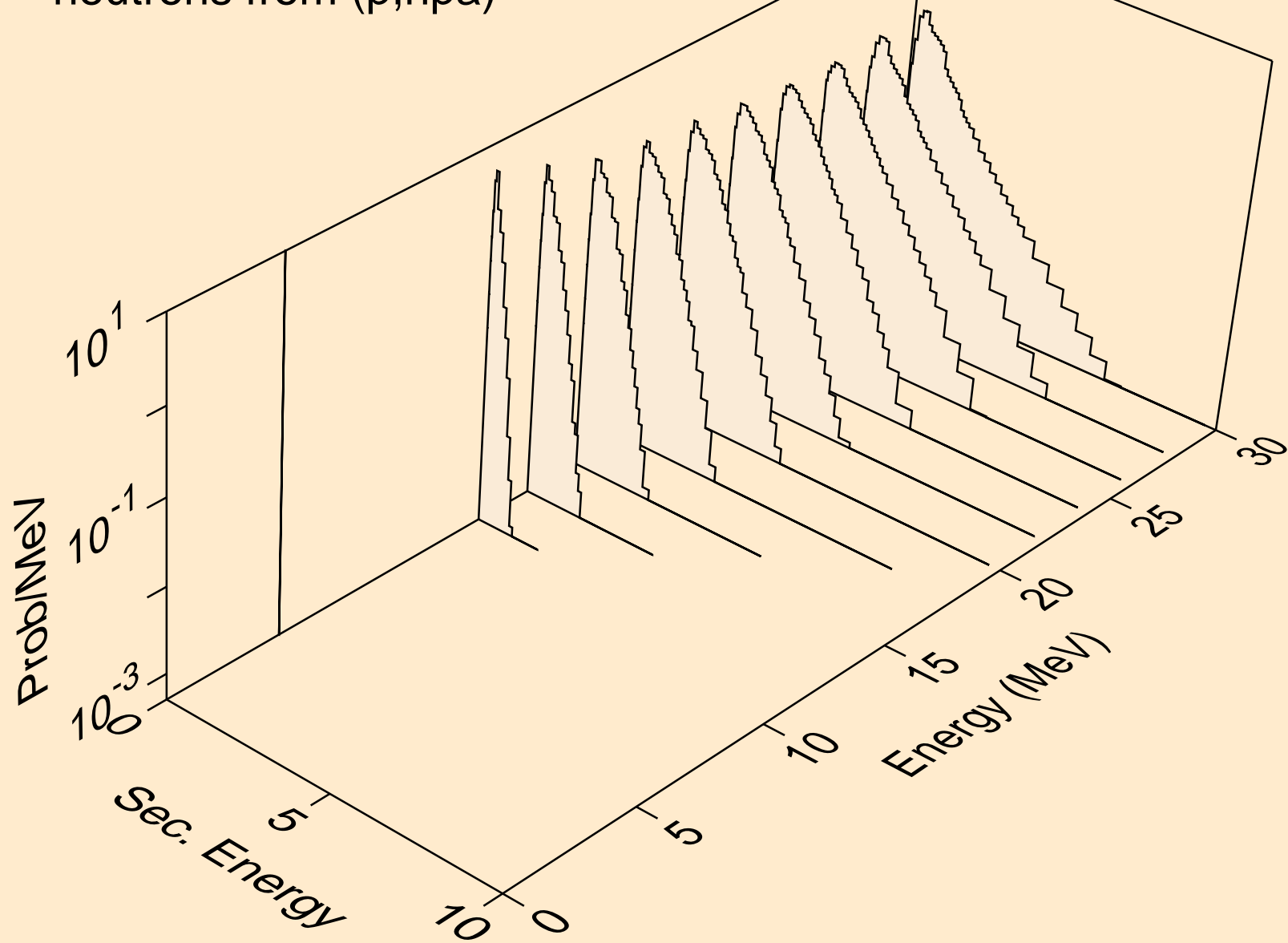


HO156N PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,2np)

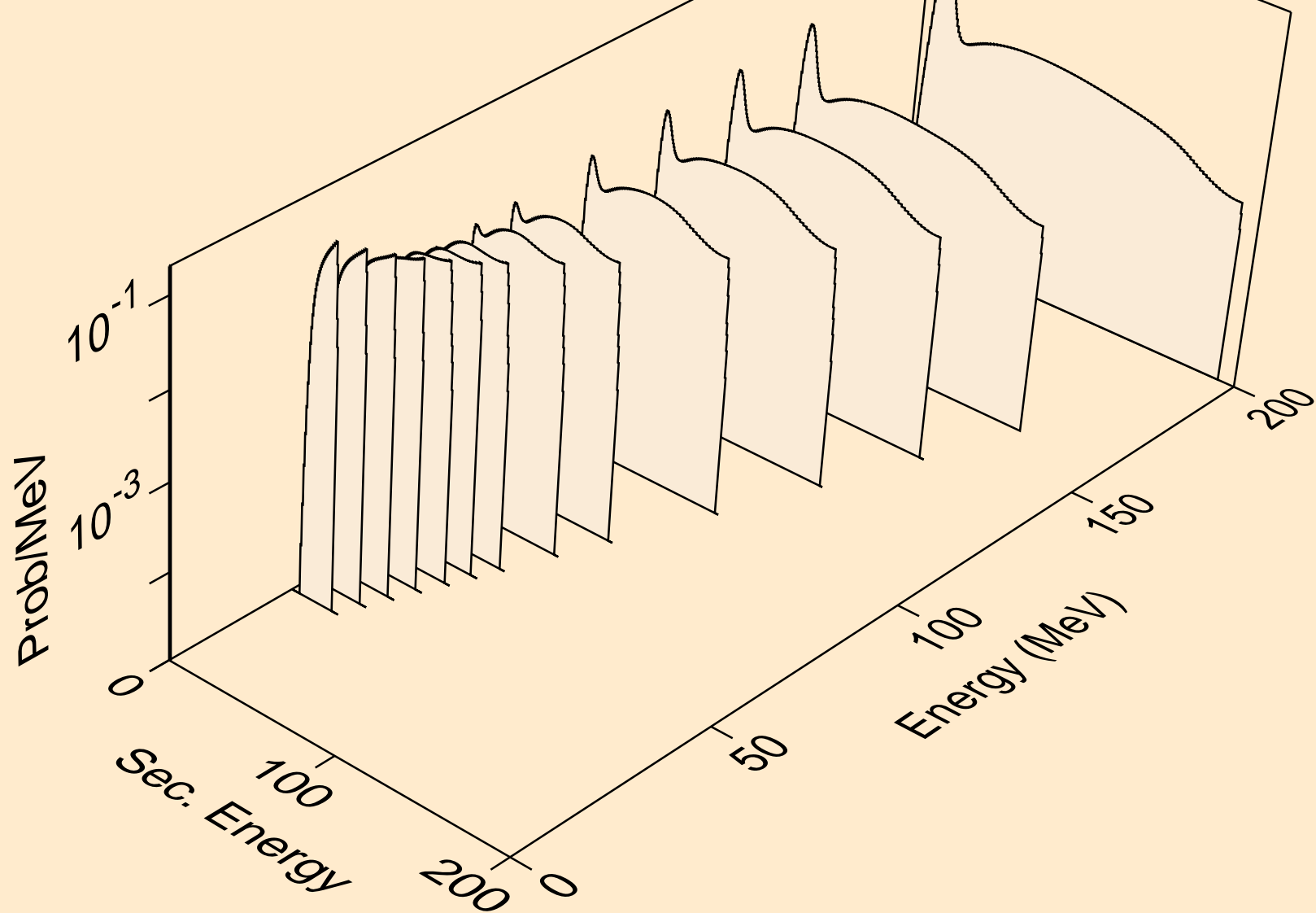




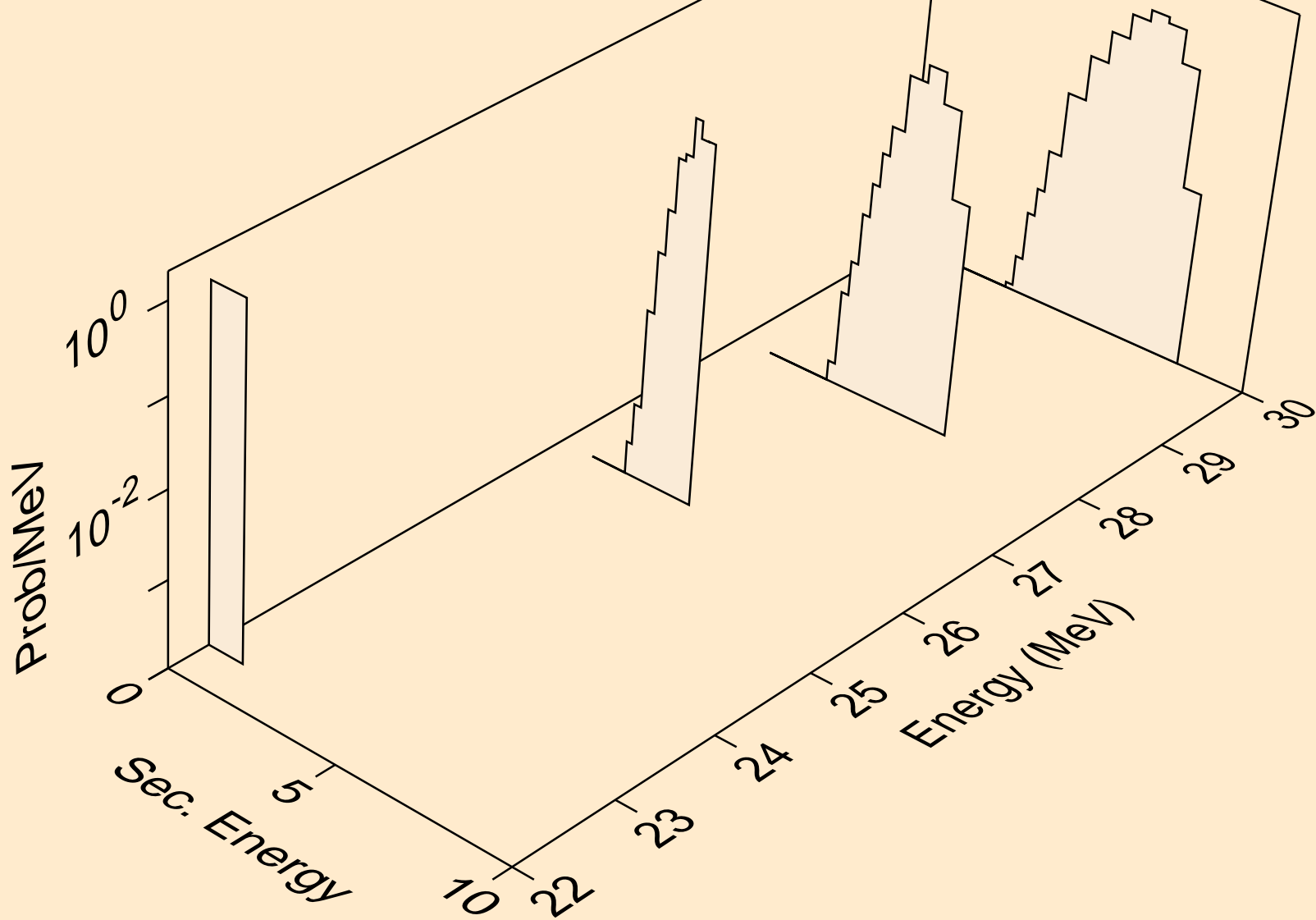
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neutrons from (p,npa)



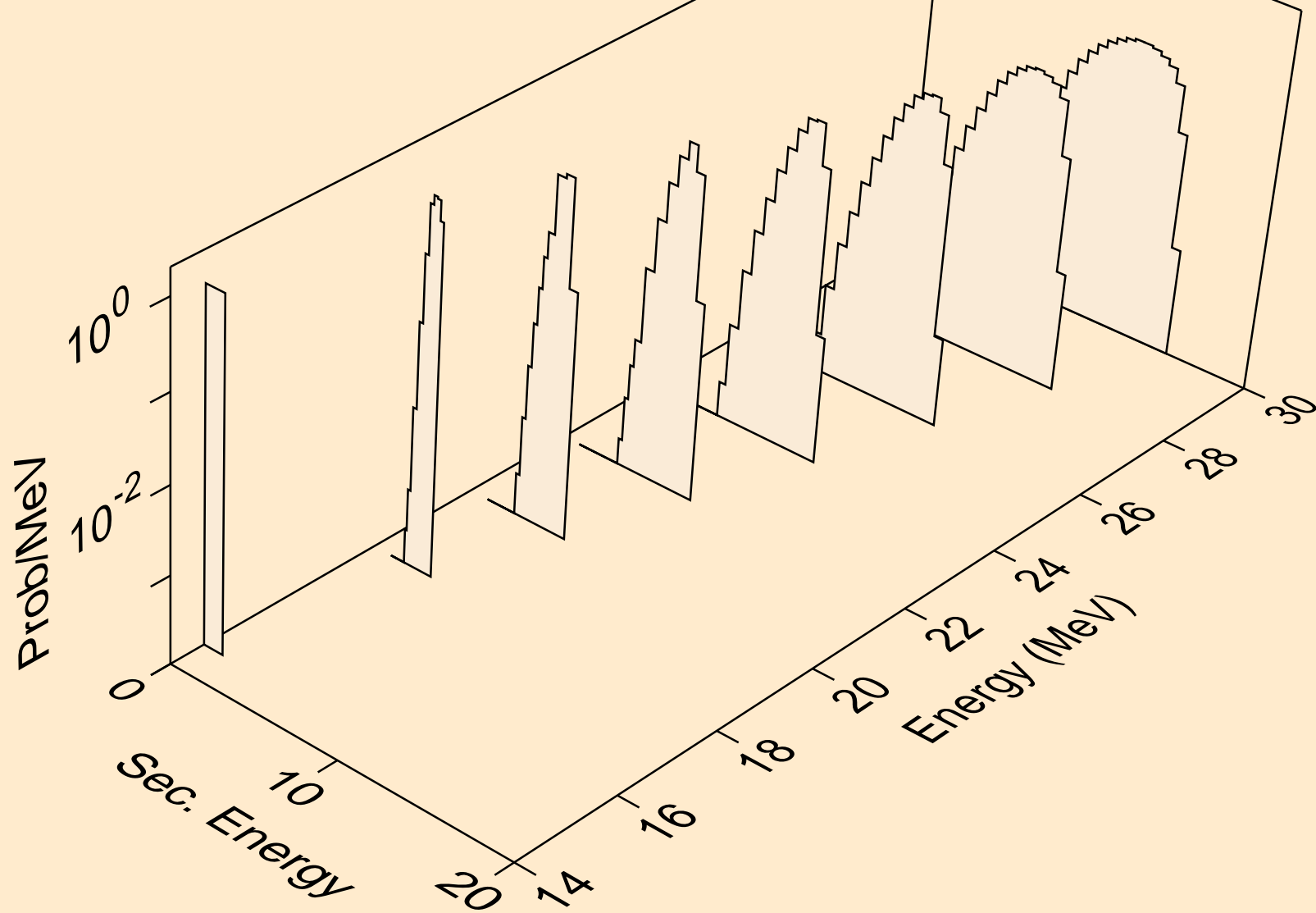
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deuterons from (p,x)



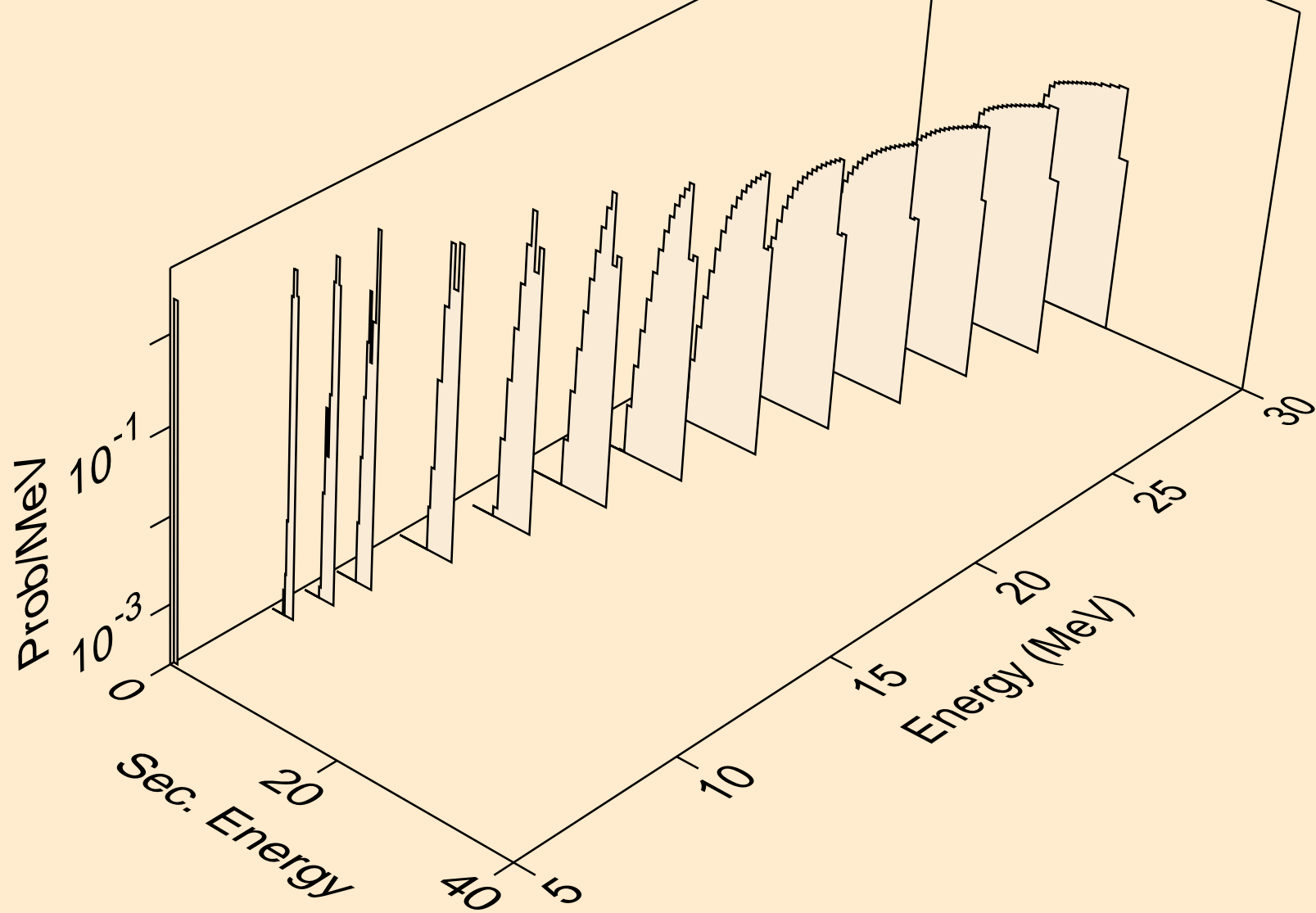
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deuterons from (p,2nd)



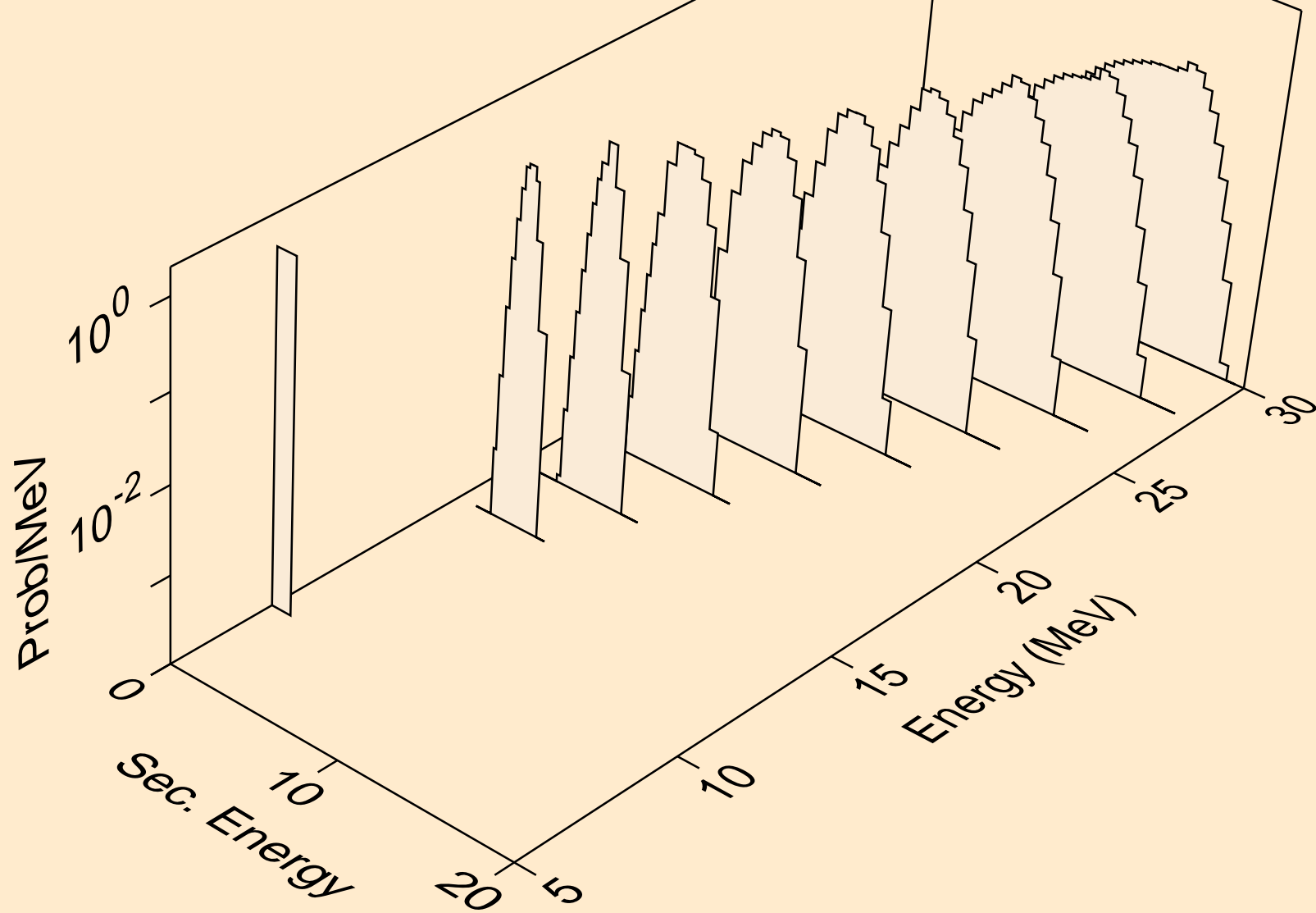
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deuterons from (p,n\*)d



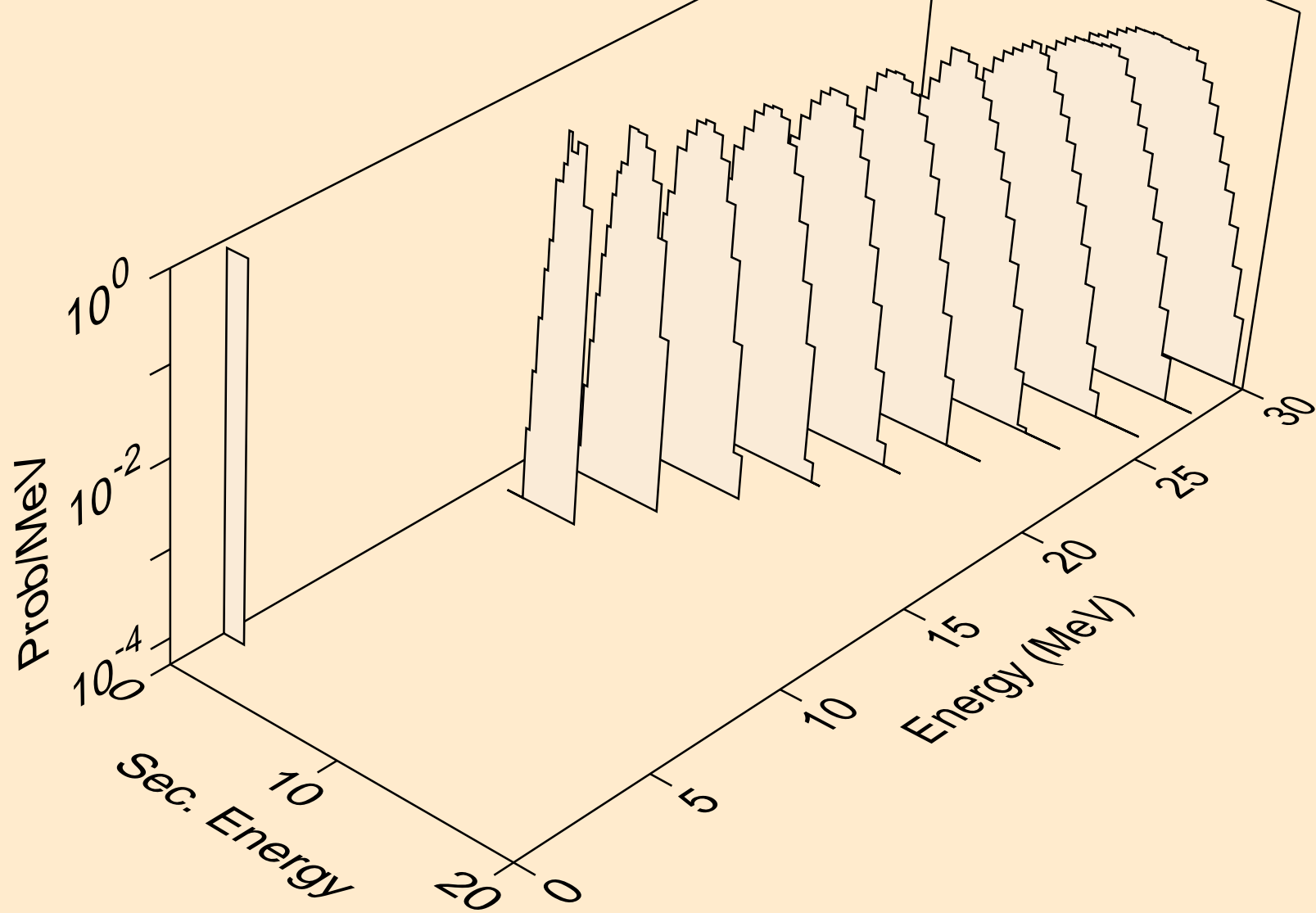
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deuterons from (p,d)



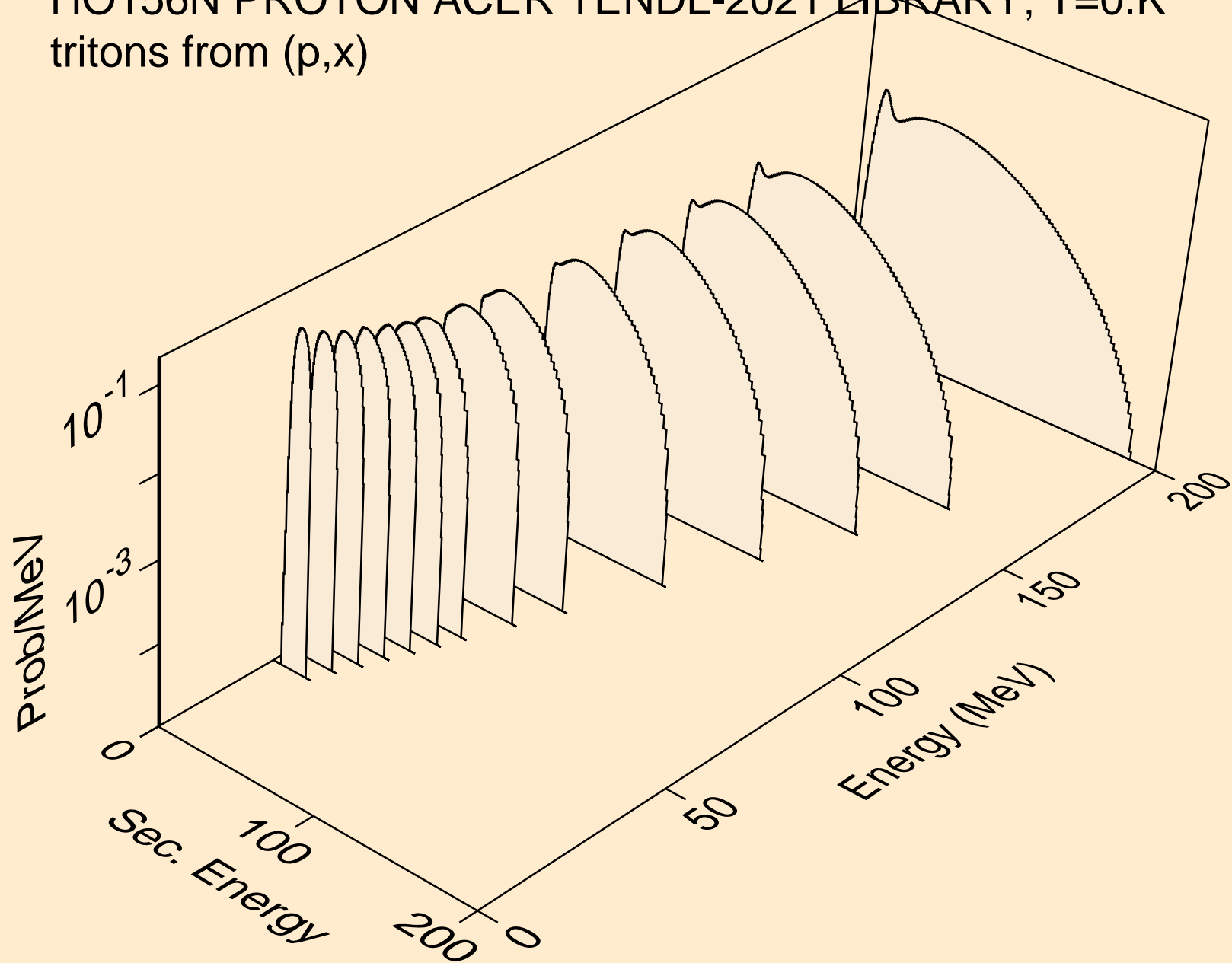
HO156N PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,pd)



HO156N PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,da)

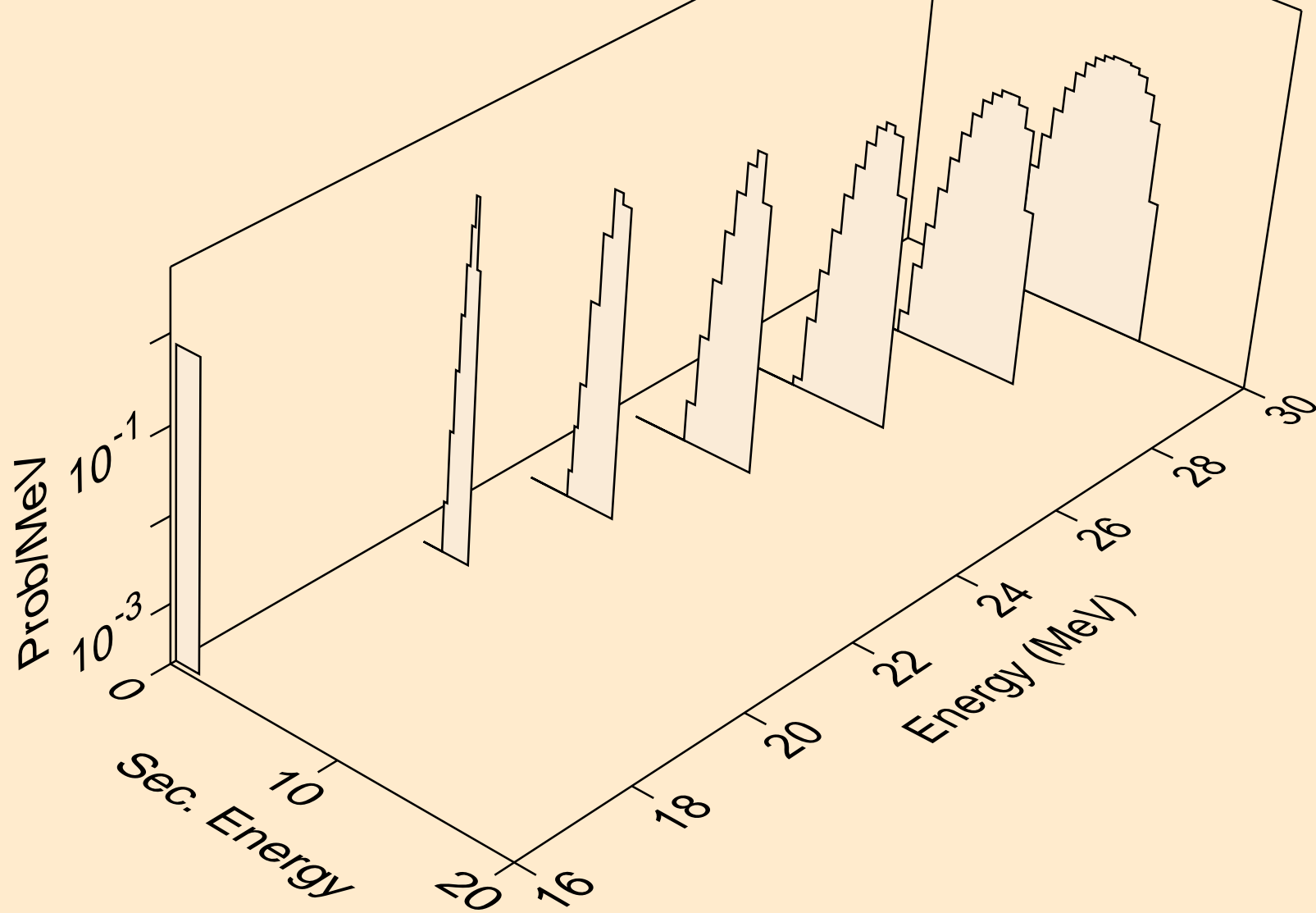


HO156N PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,x)

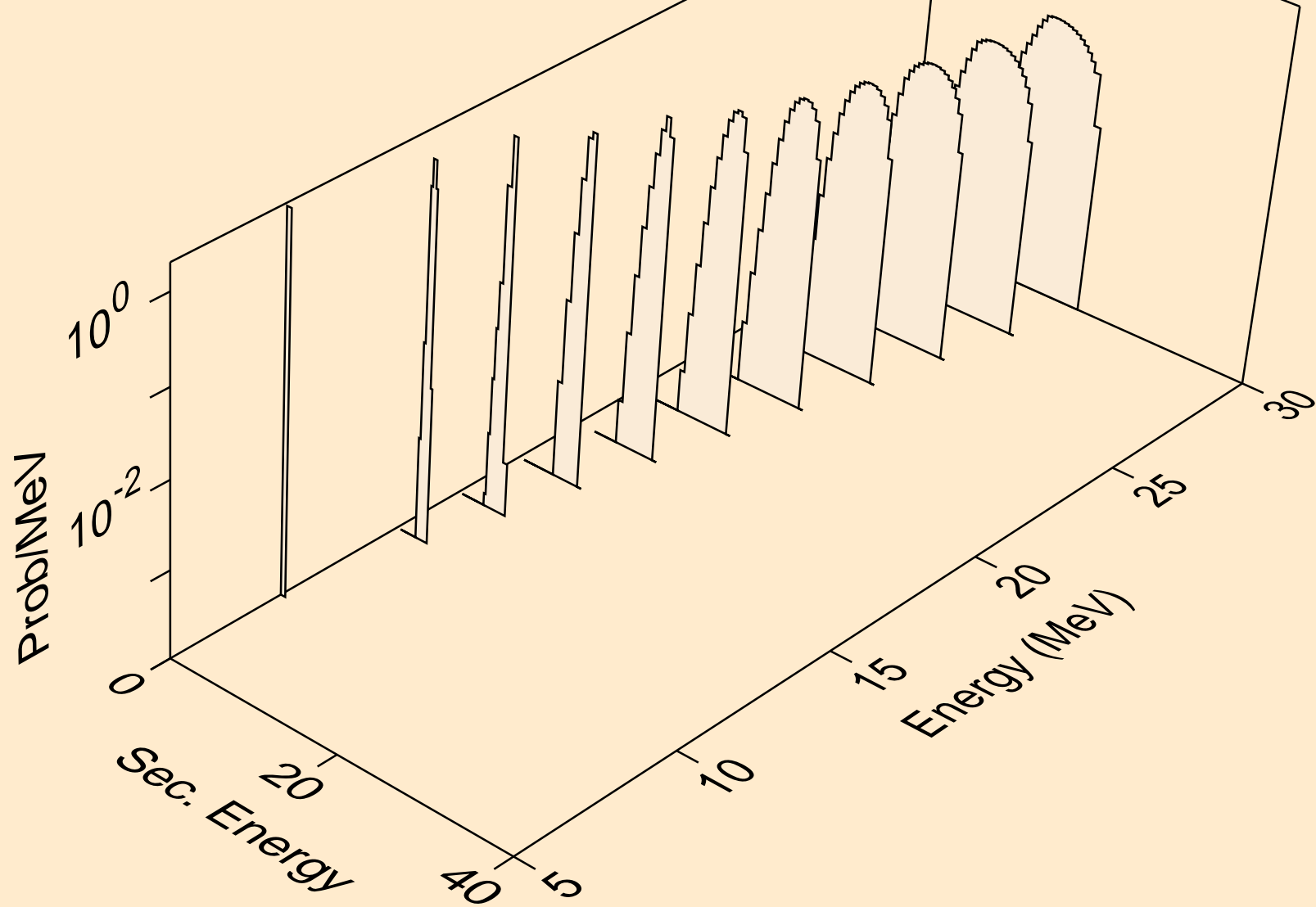




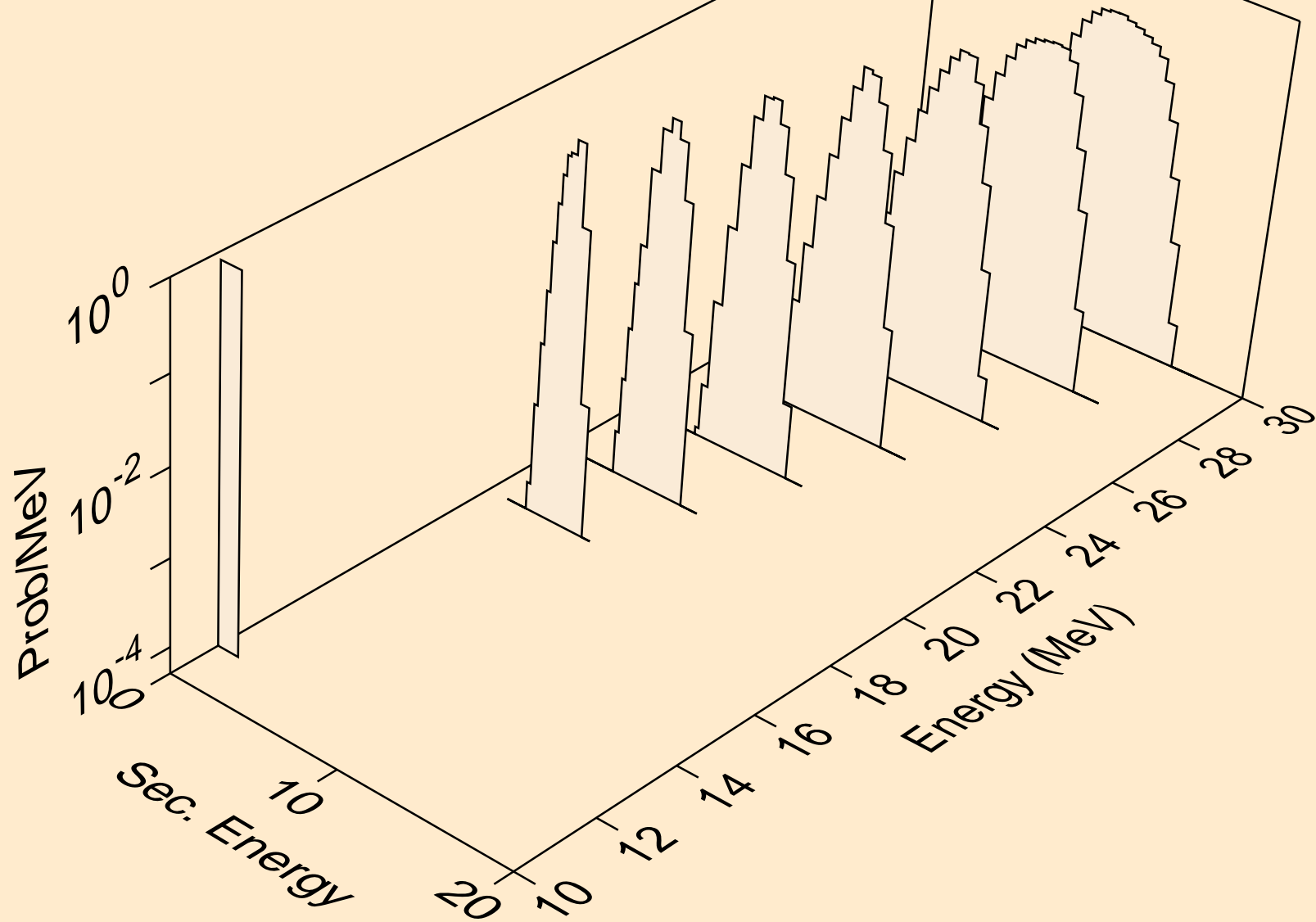
HO156N PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,n\*)t



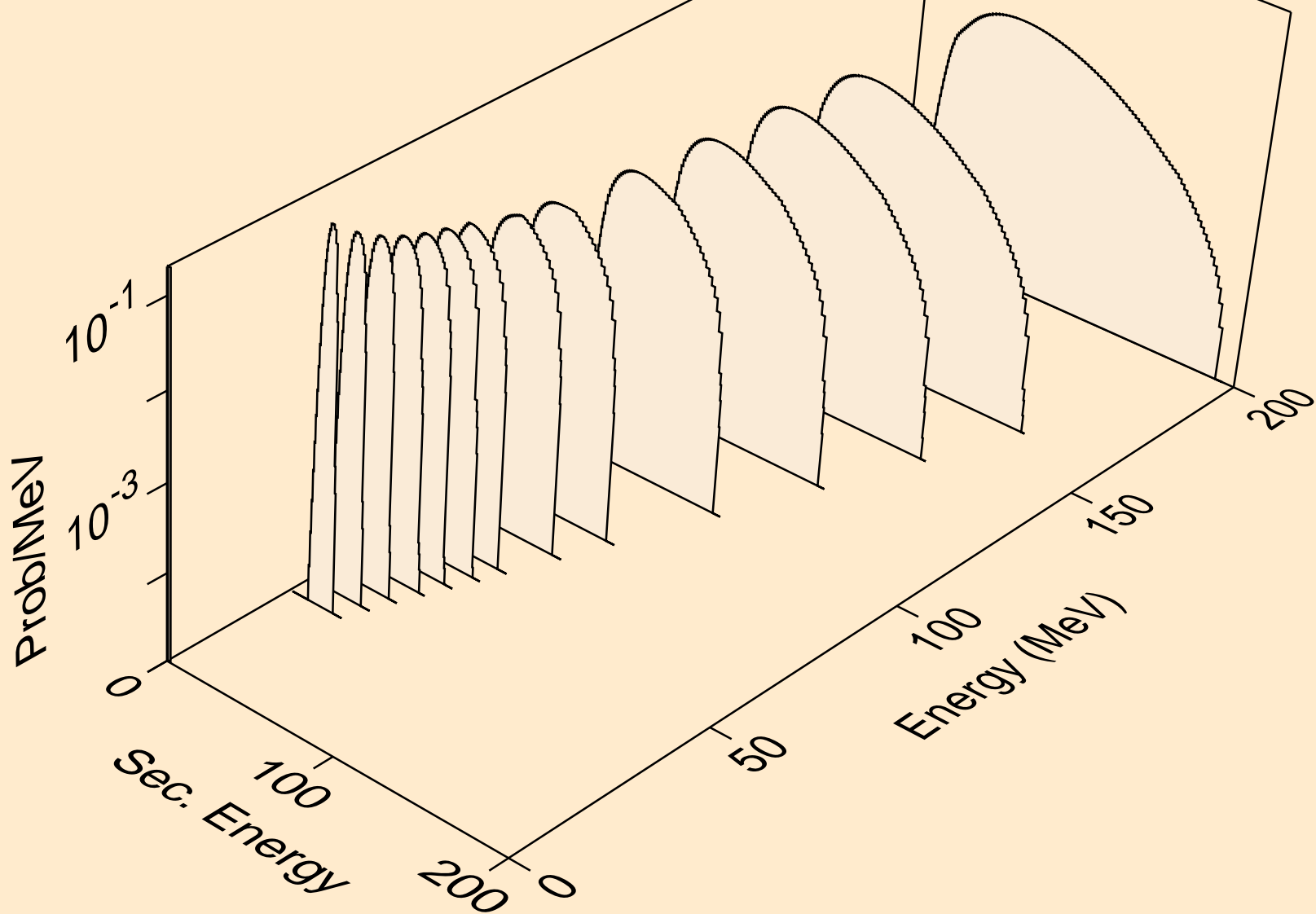
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tritons from (p,t)



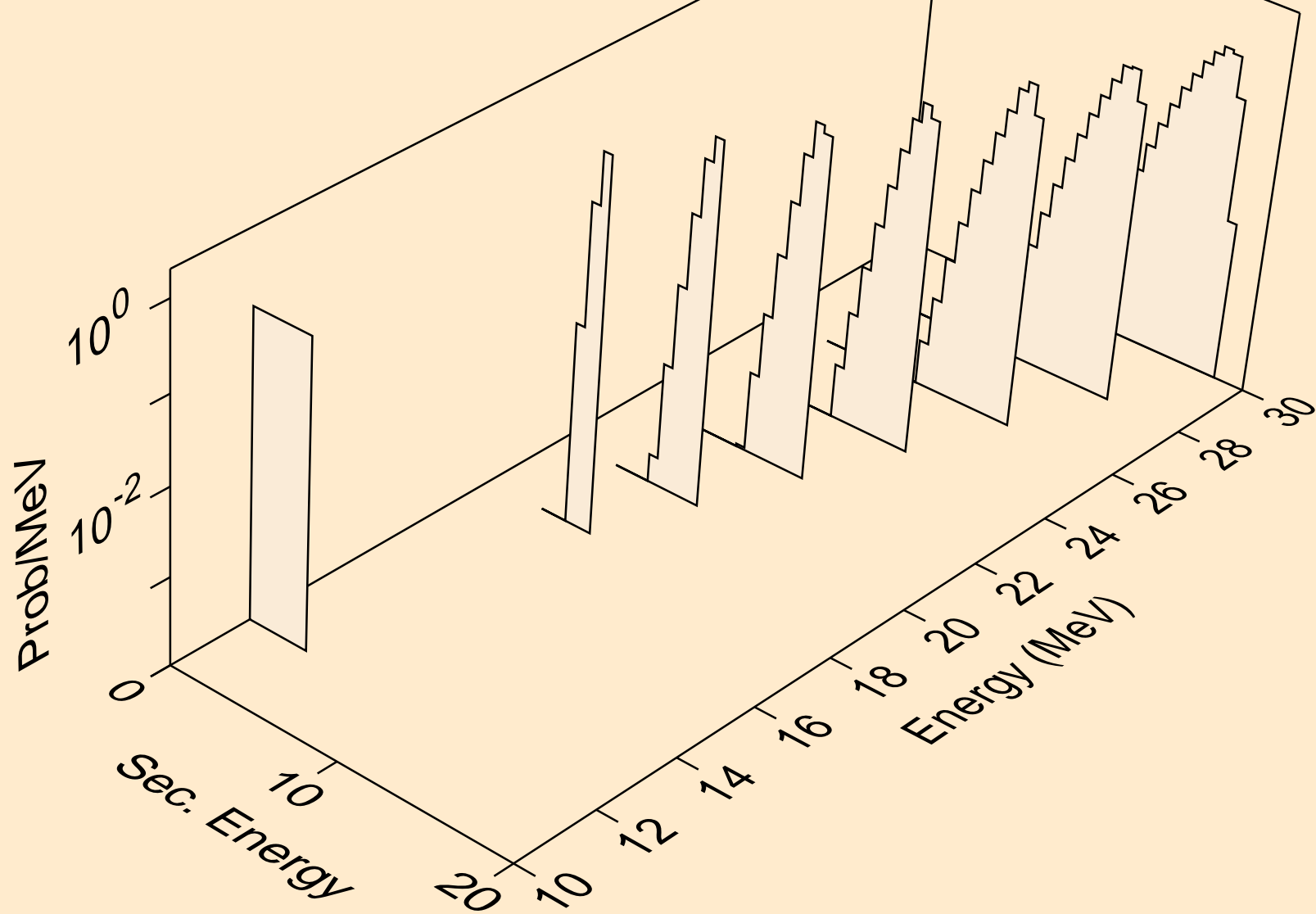
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tritons from (p,pt)



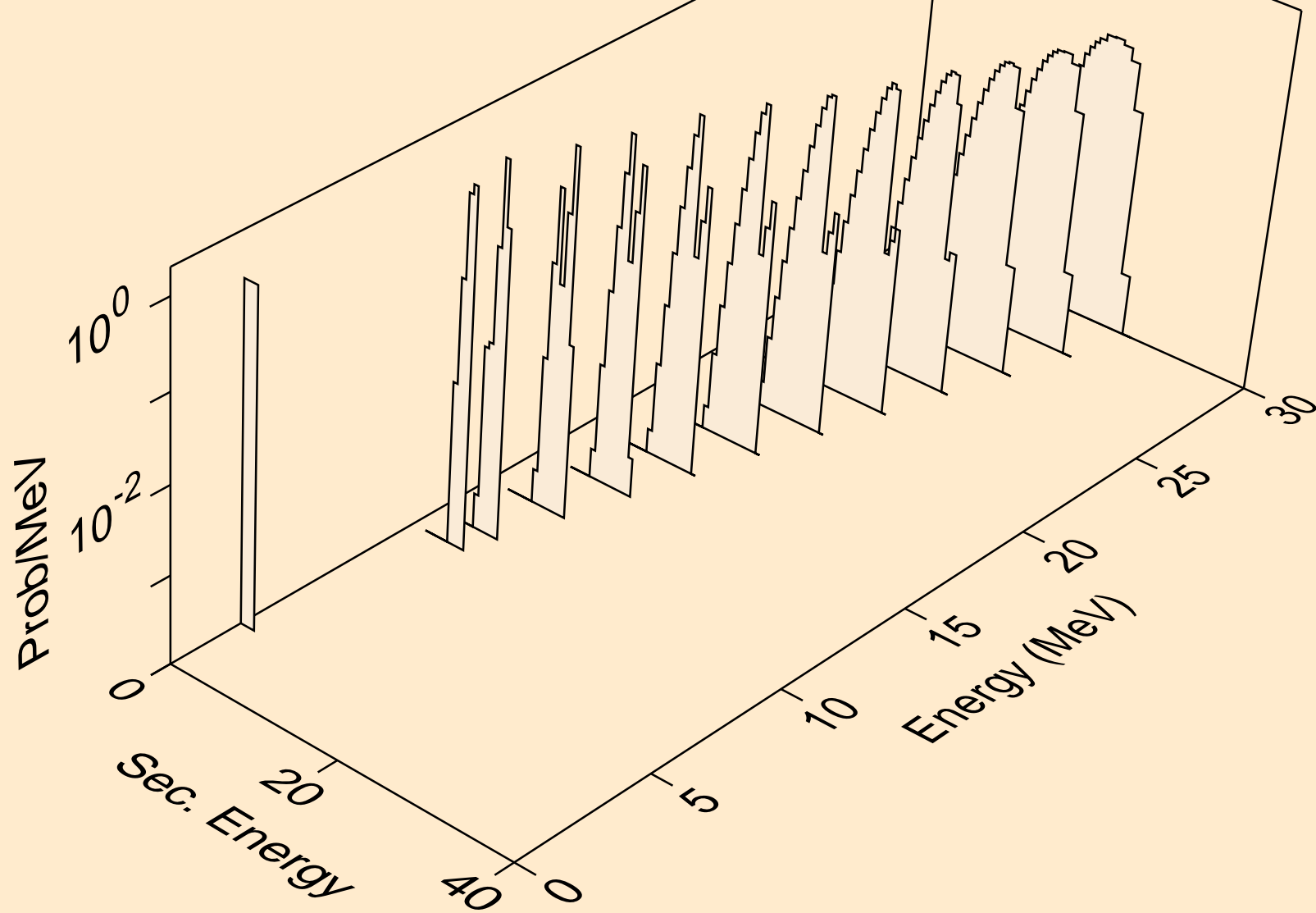
HO156N PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,x)



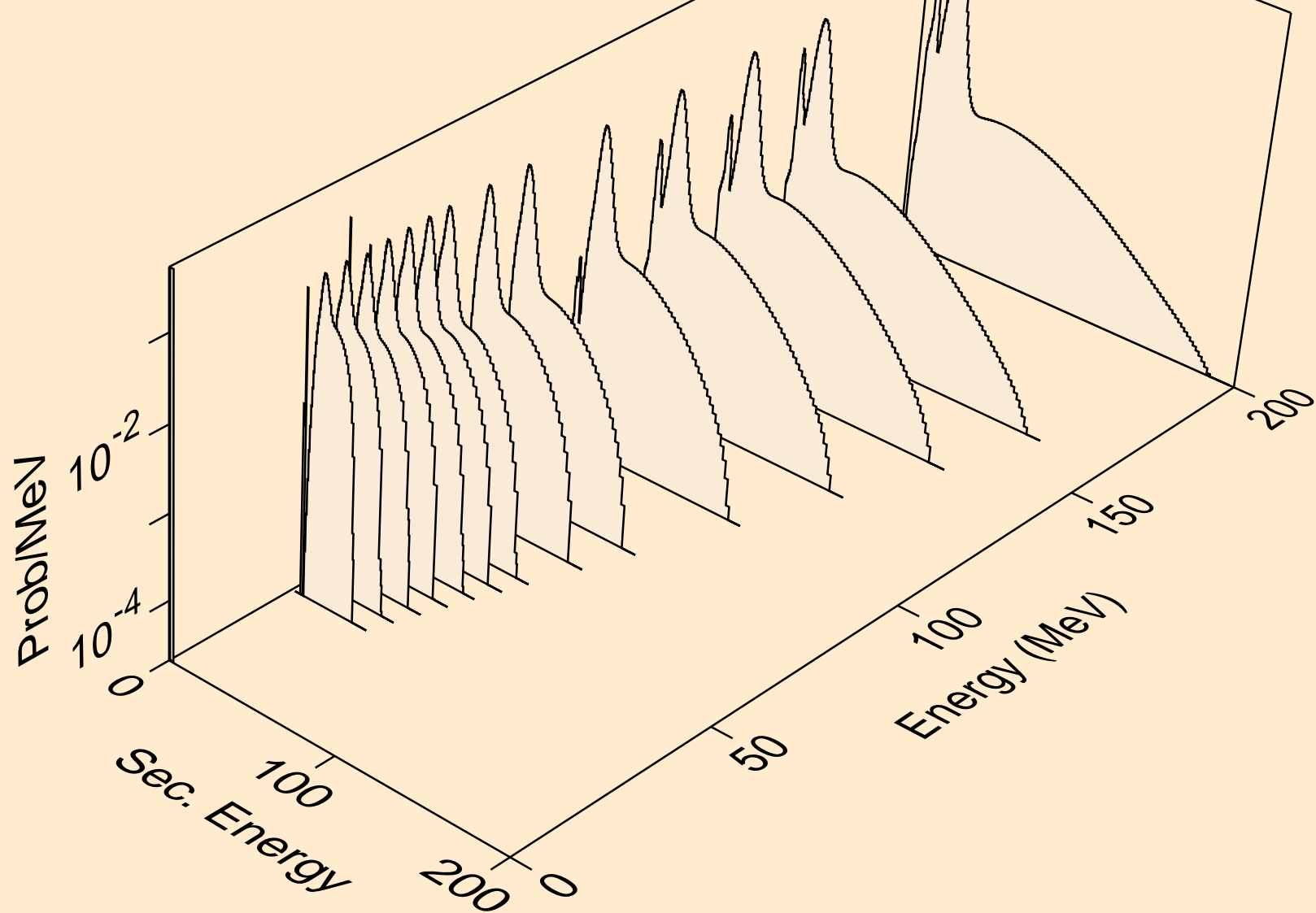
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he3s from (p,n\*)he3



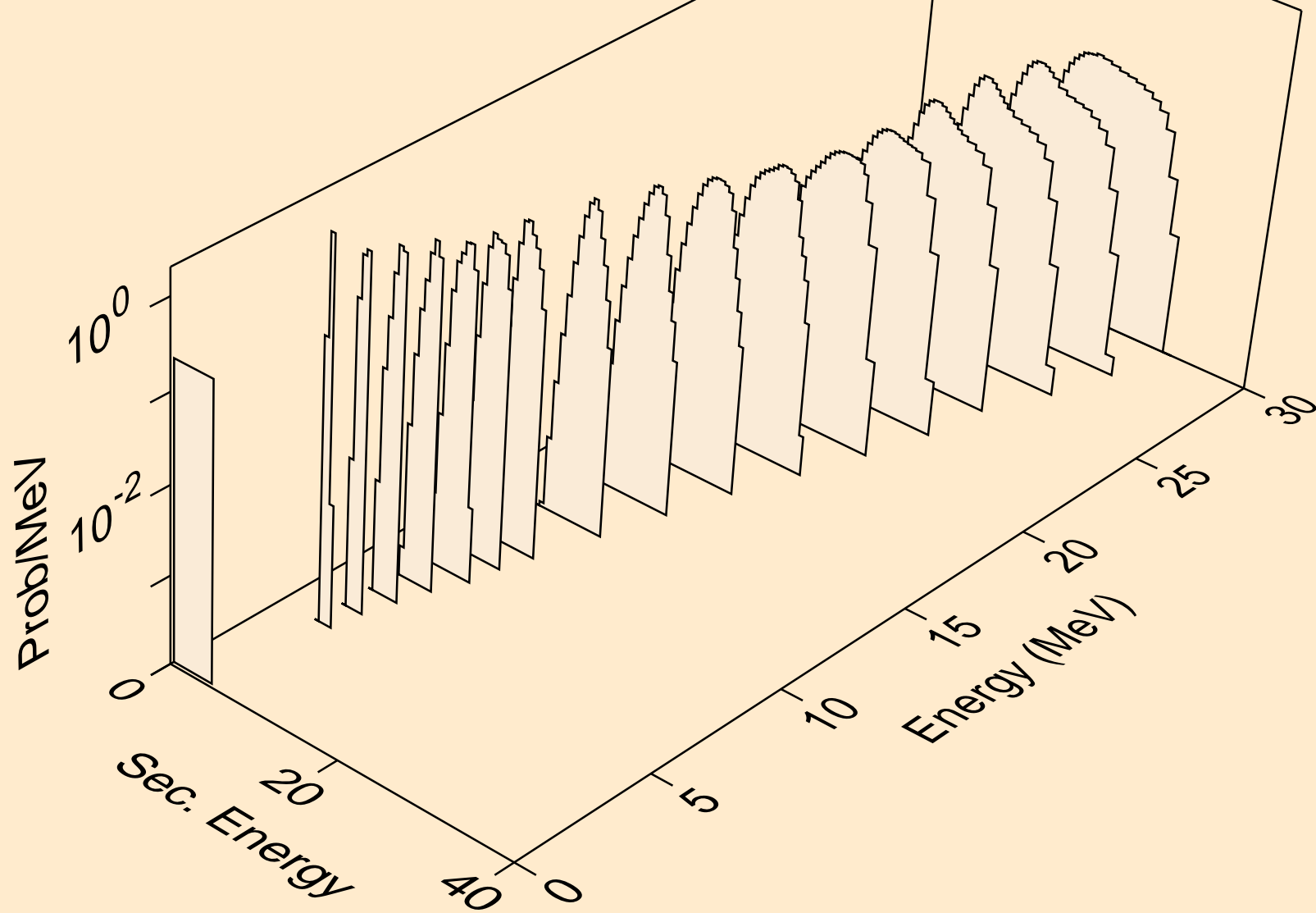
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he3s from (p,he3)



HO156N PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,x)

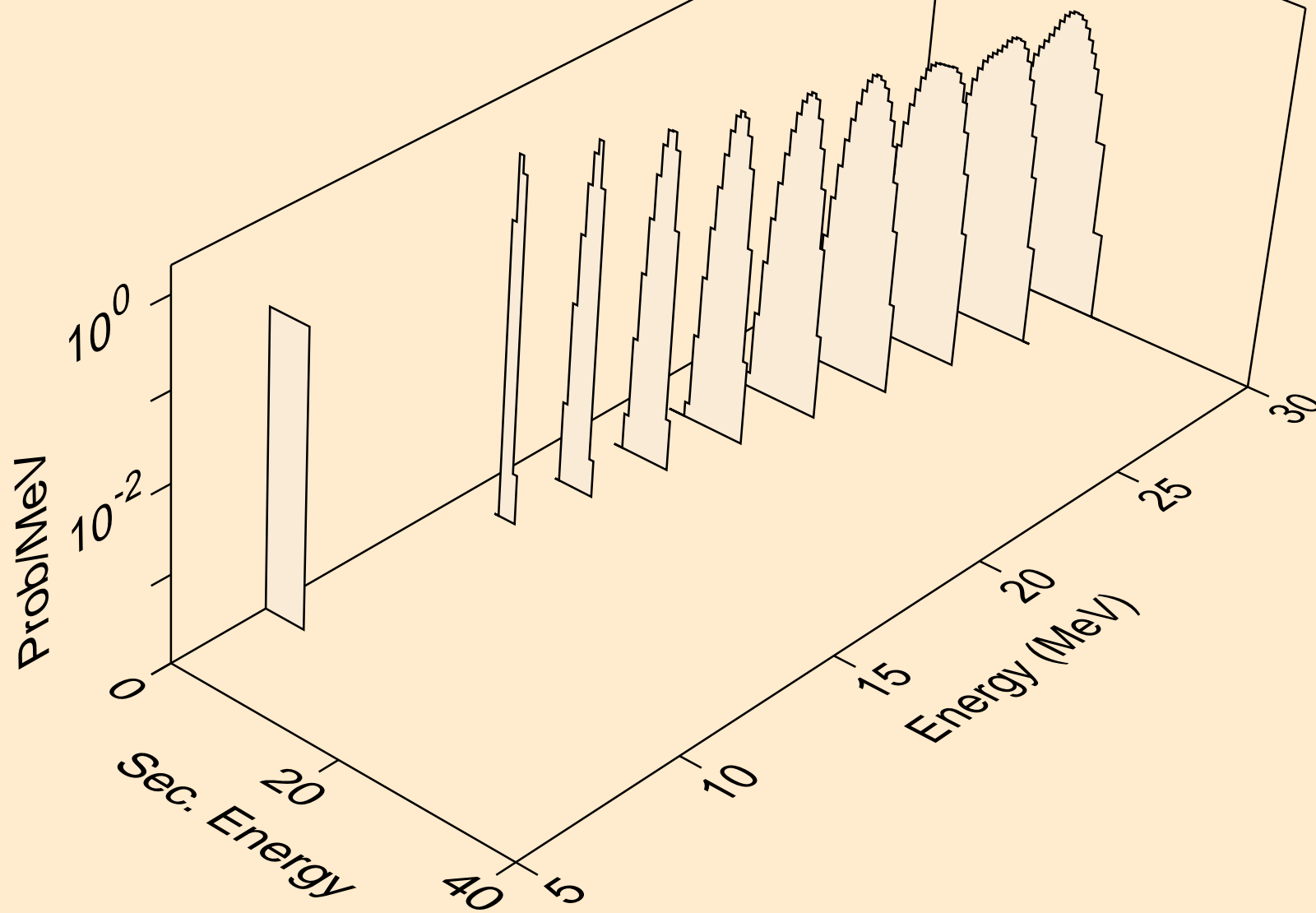


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alphas from (p,n\*)a

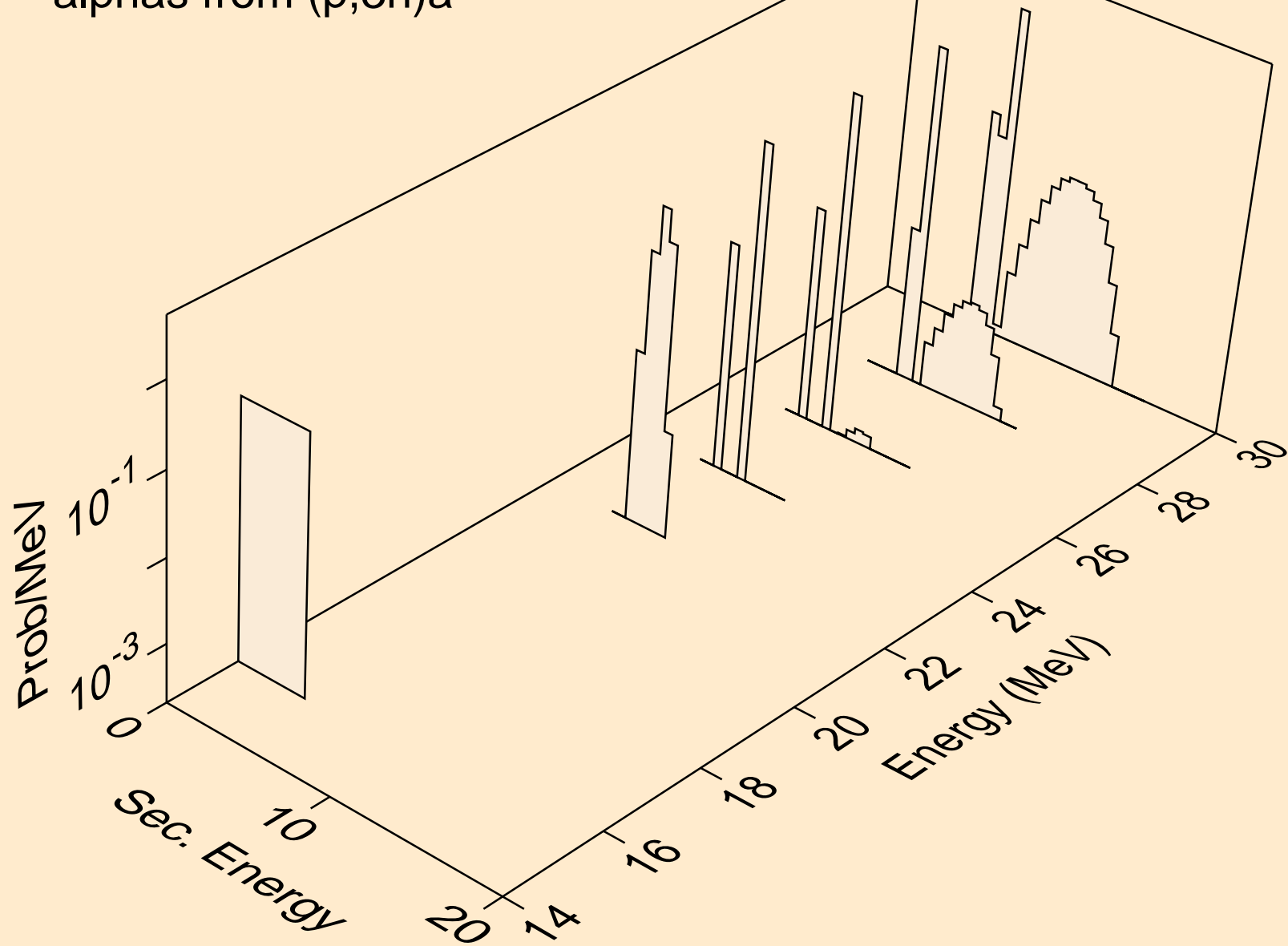




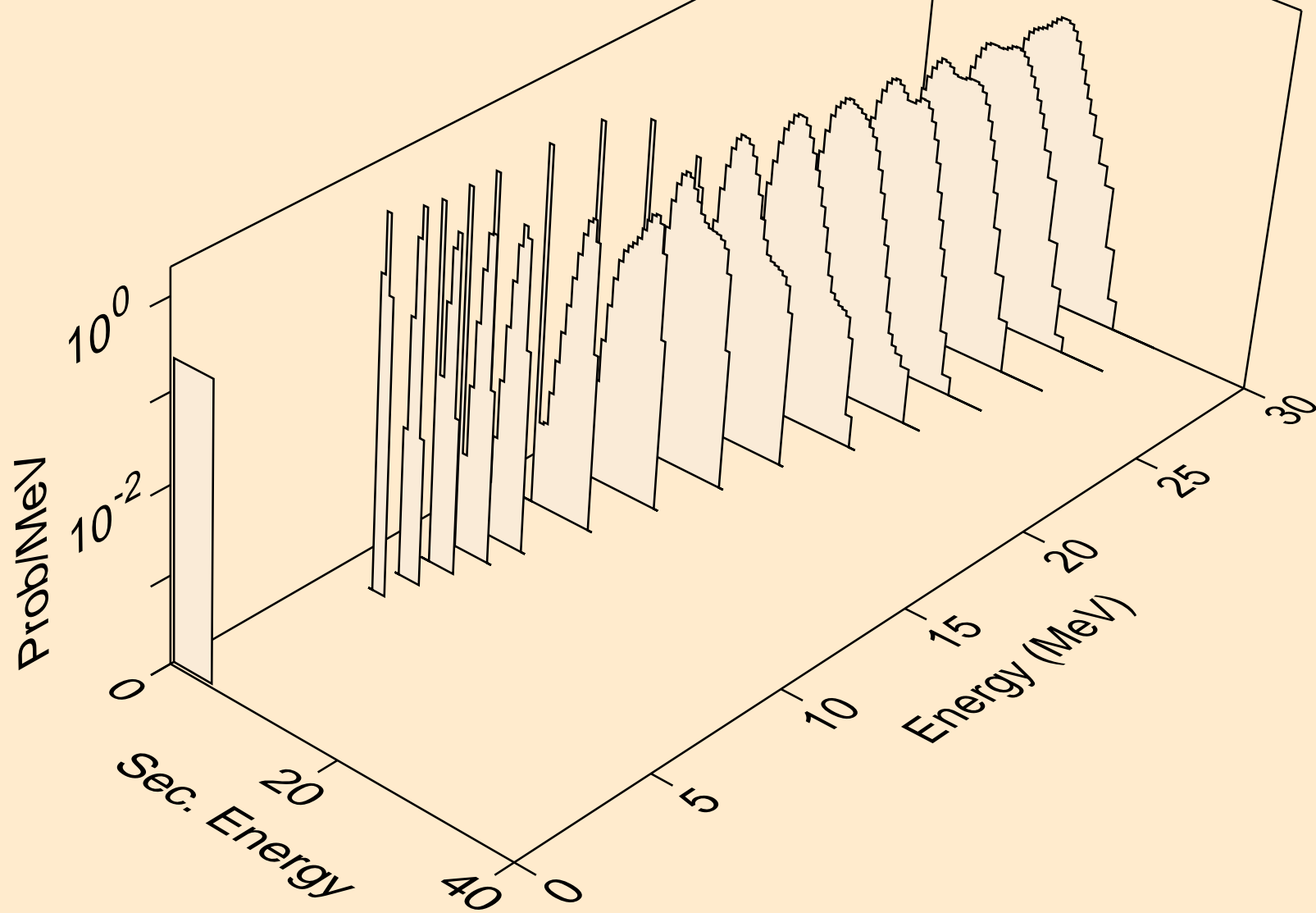
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alphas from (p,2n)a



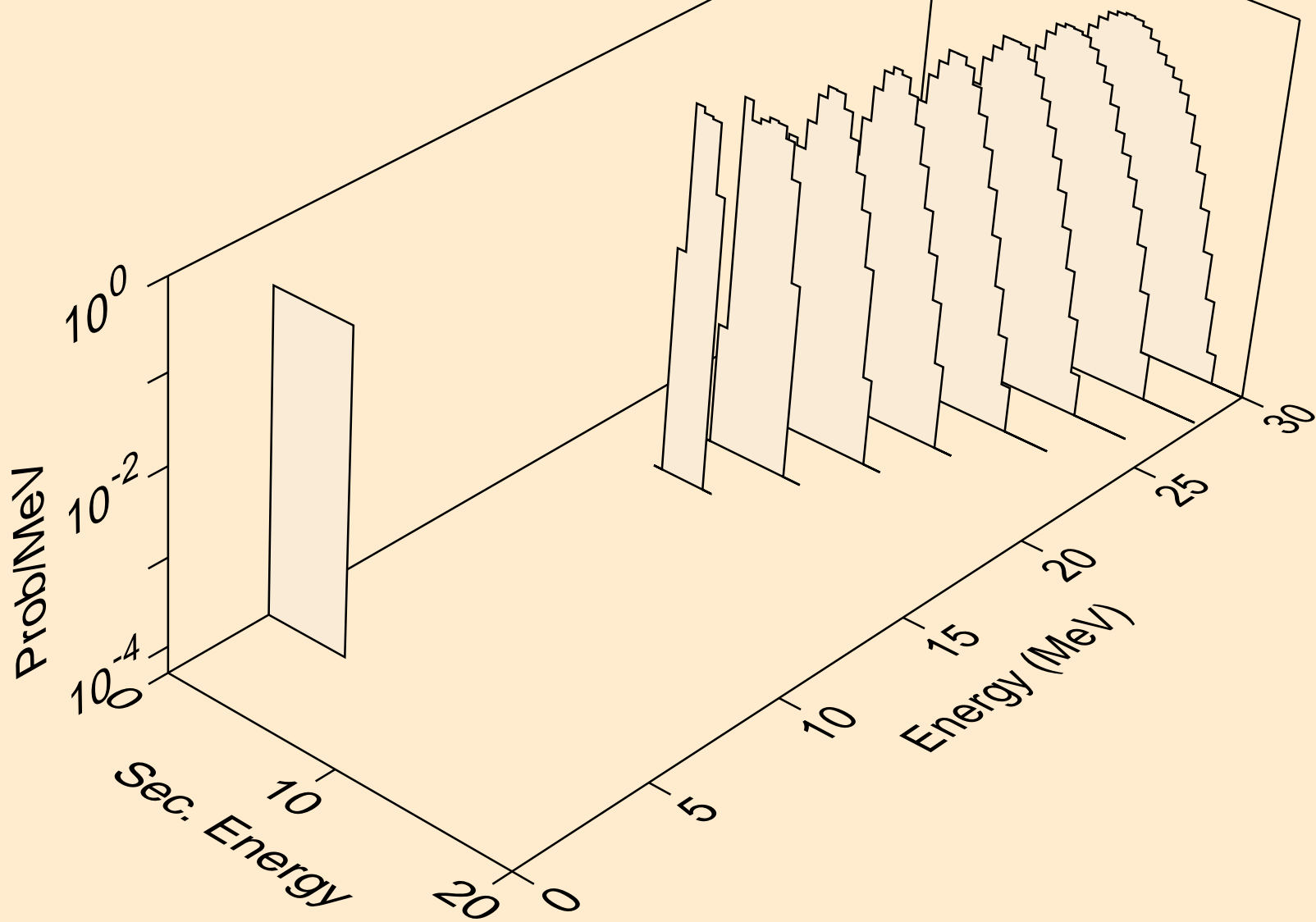
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alphas from (p,3n)a



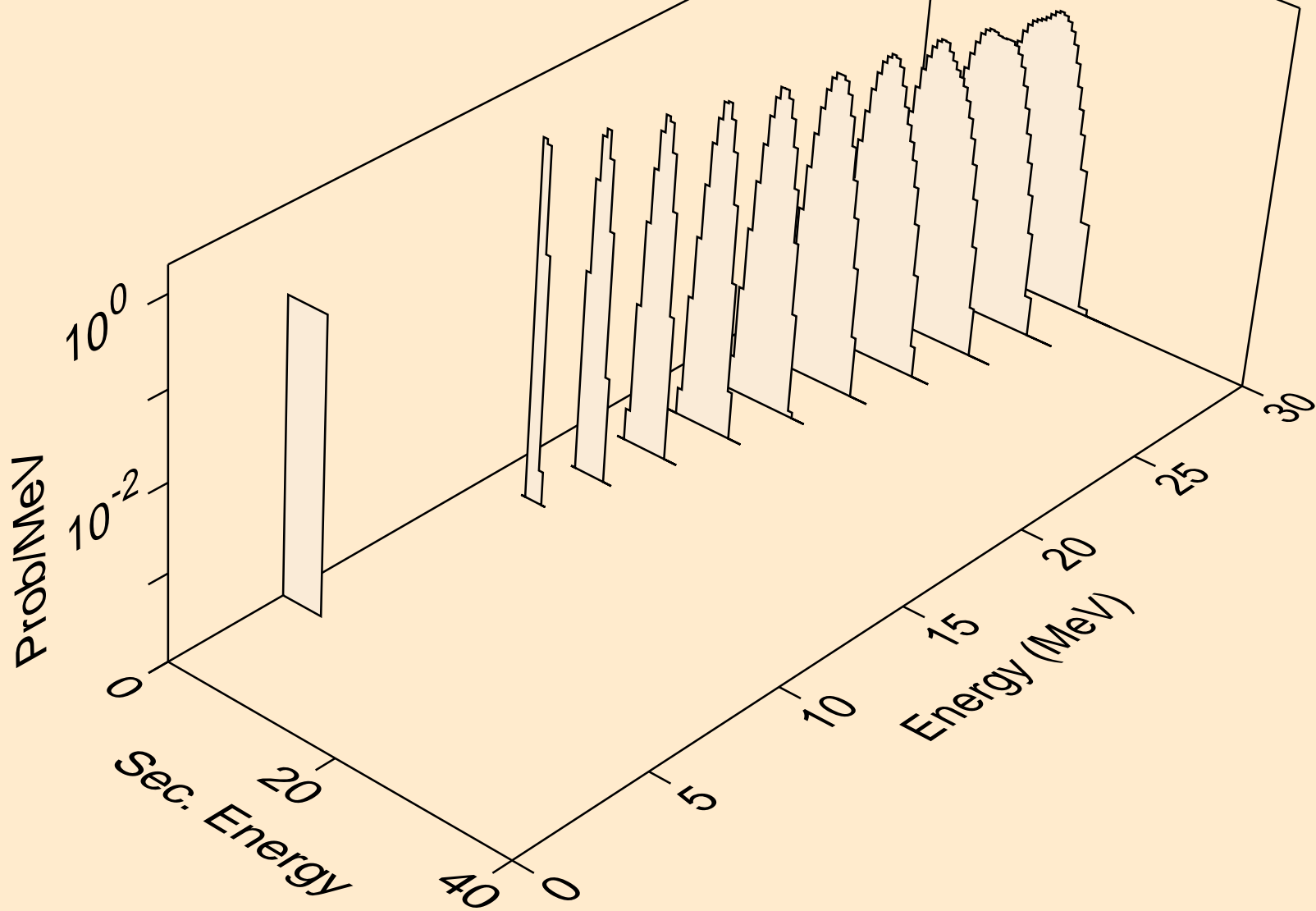
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alphas from (p,n\*)2a



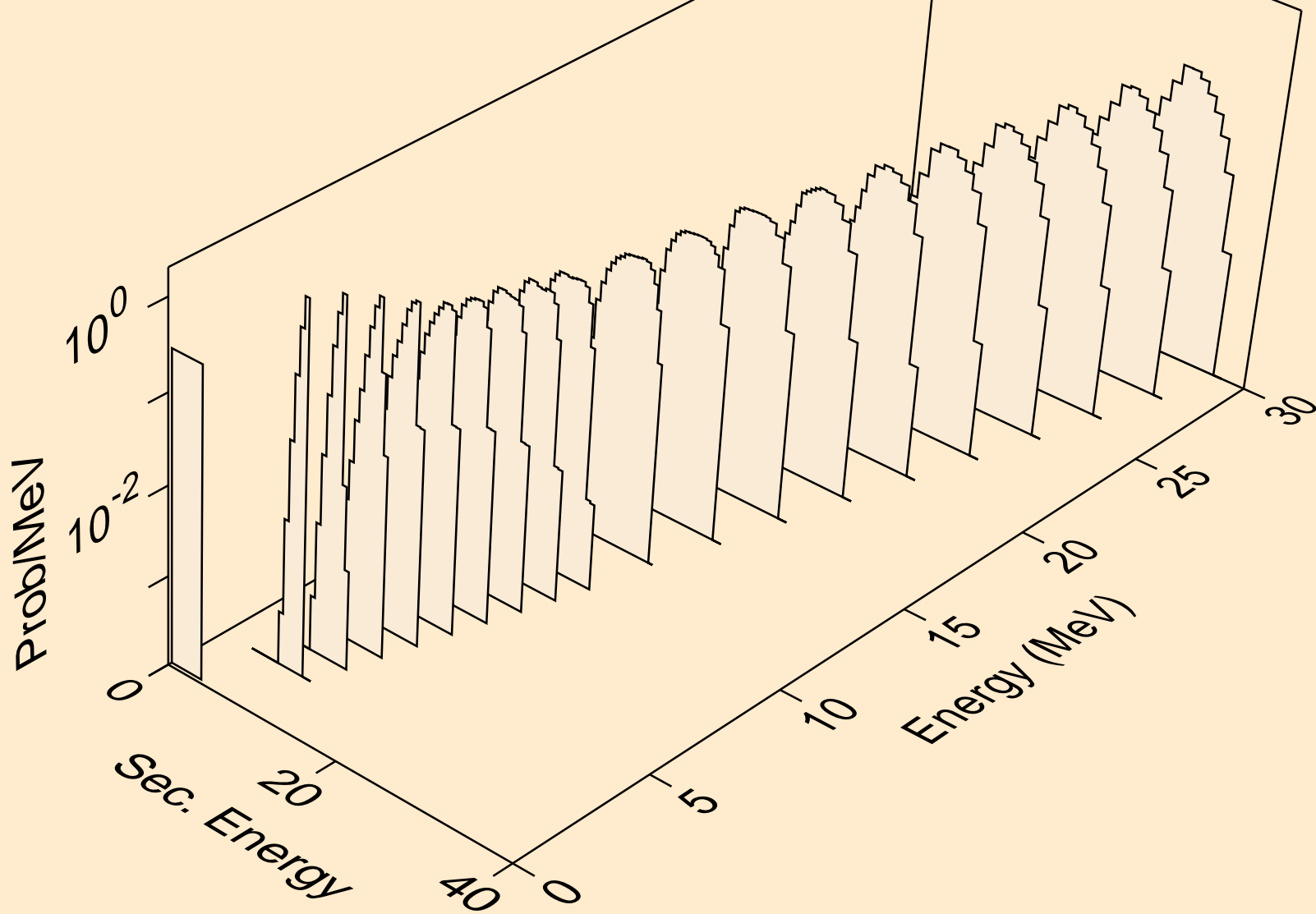
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alphas from (p,2n)2a



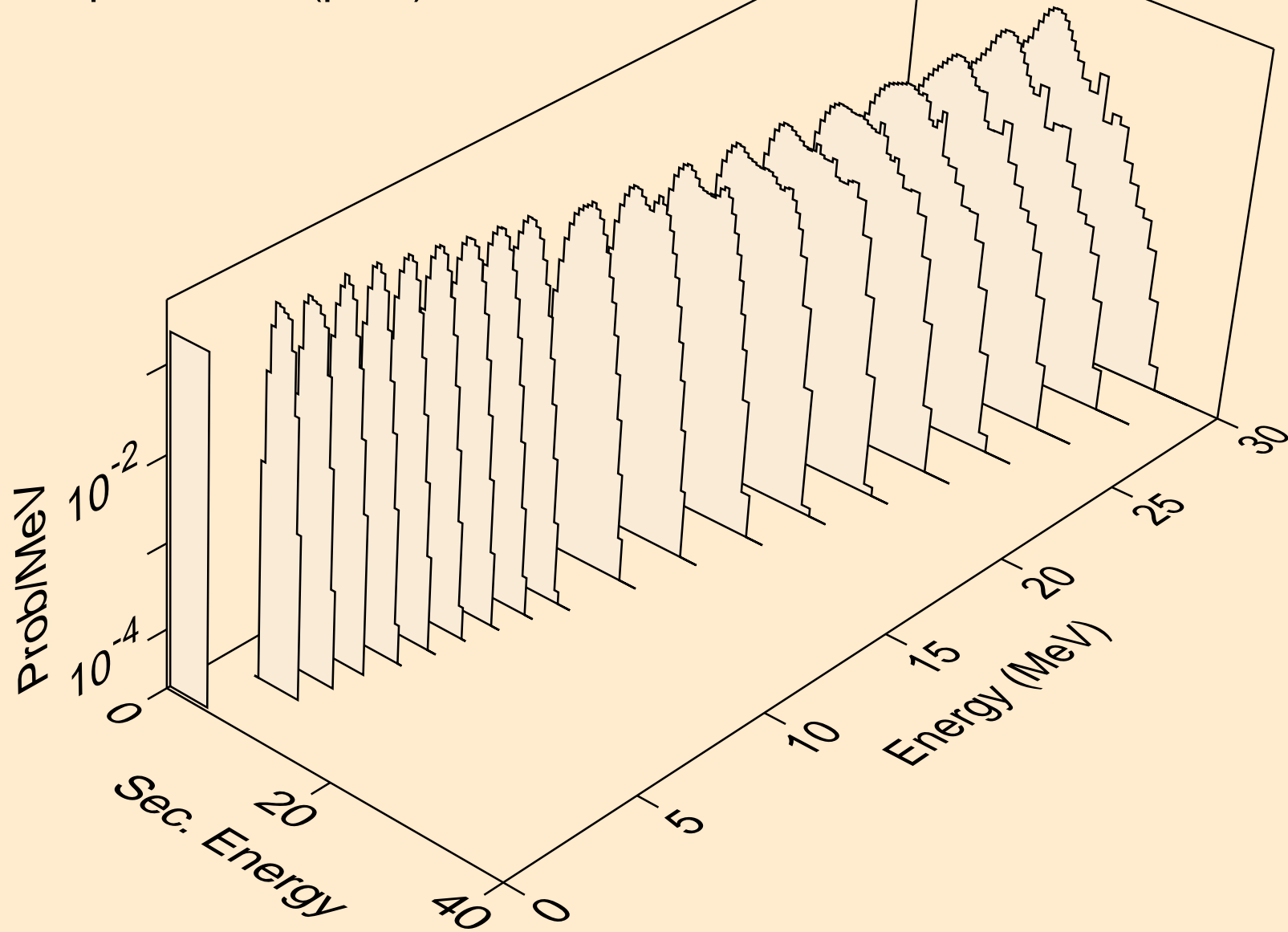
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alphas from (p,npa)



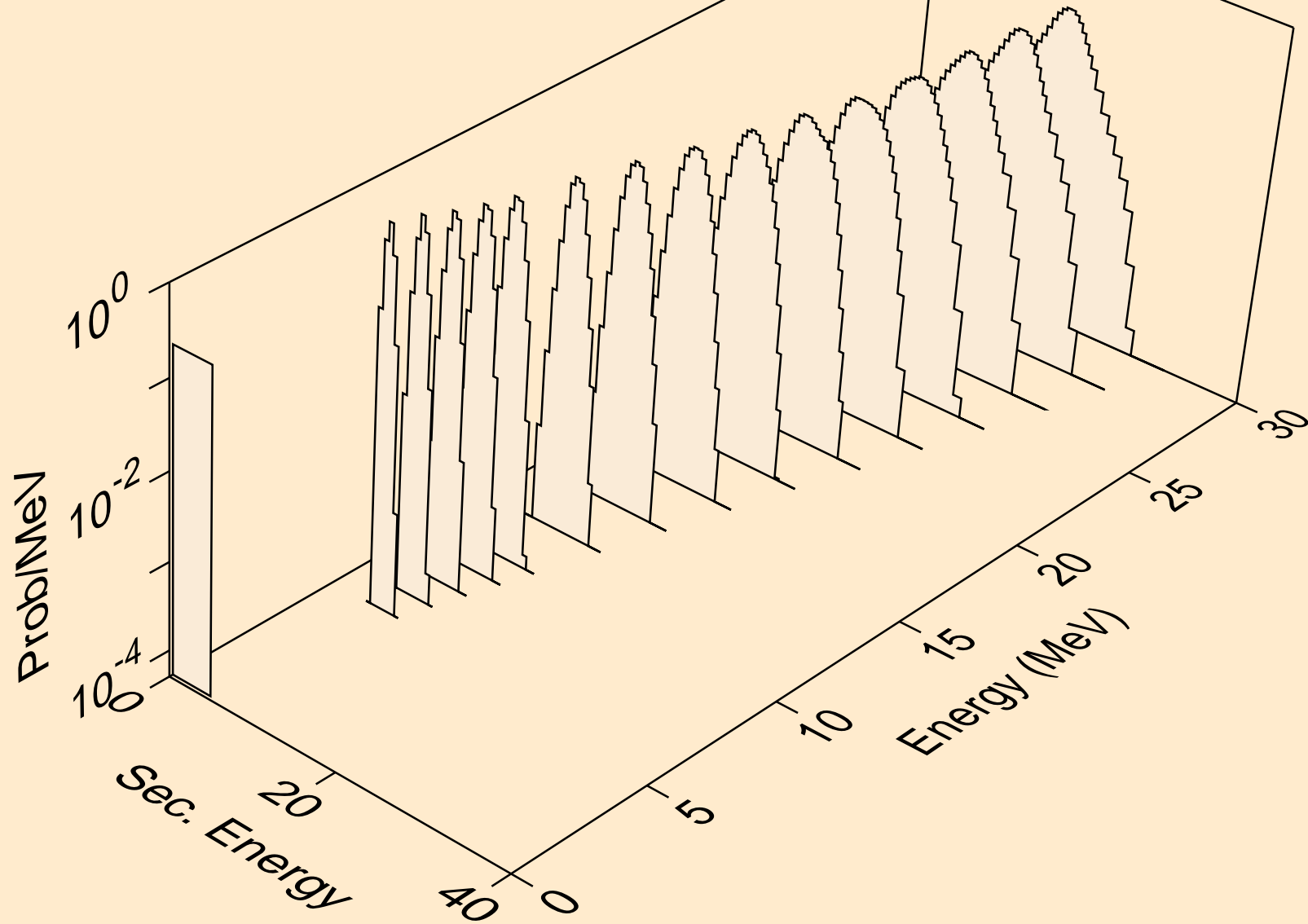
HO156N PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,a)



HO156N PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,2a)



HO156N PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,pa)





HO156N PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,da)

