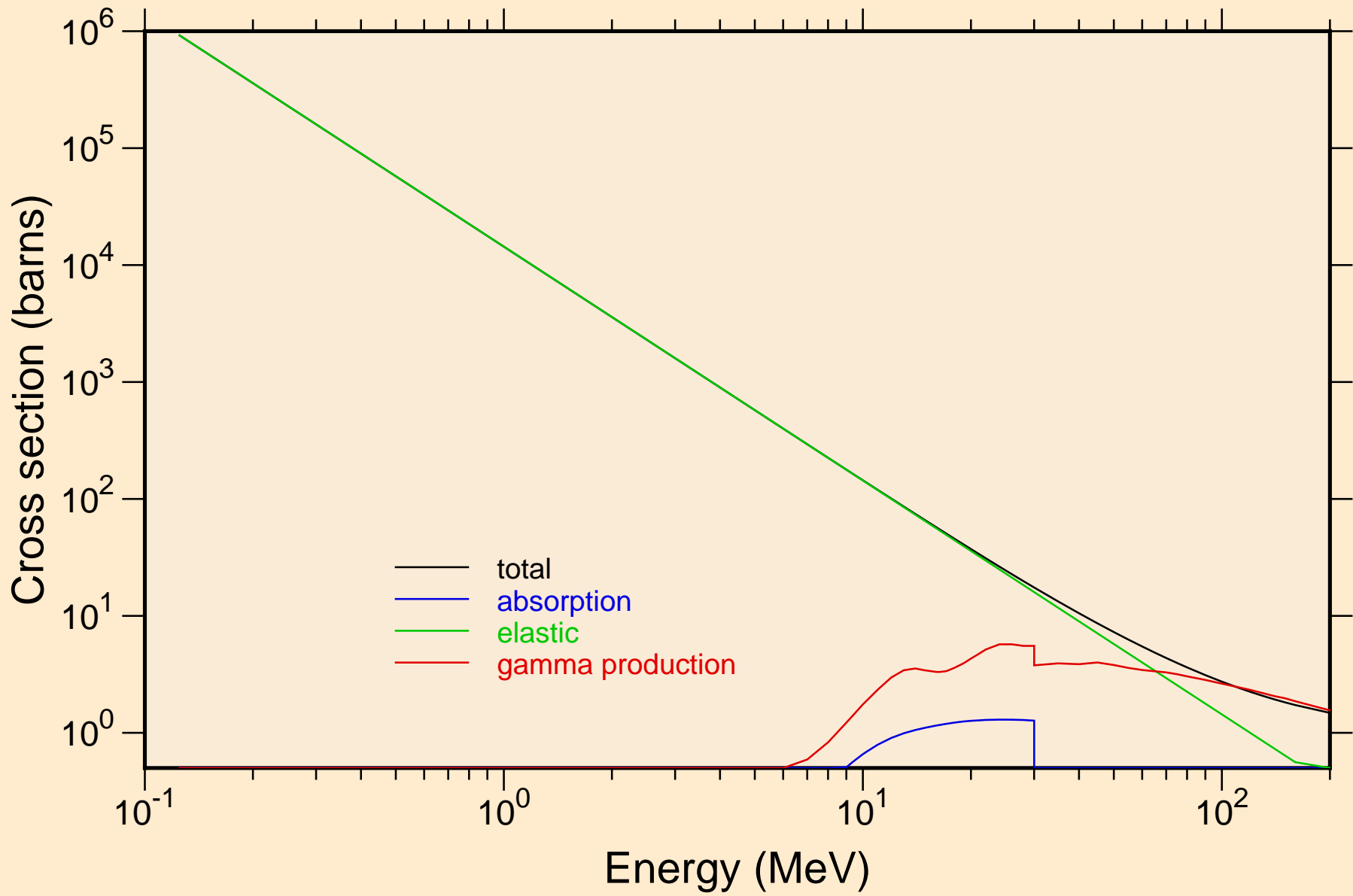
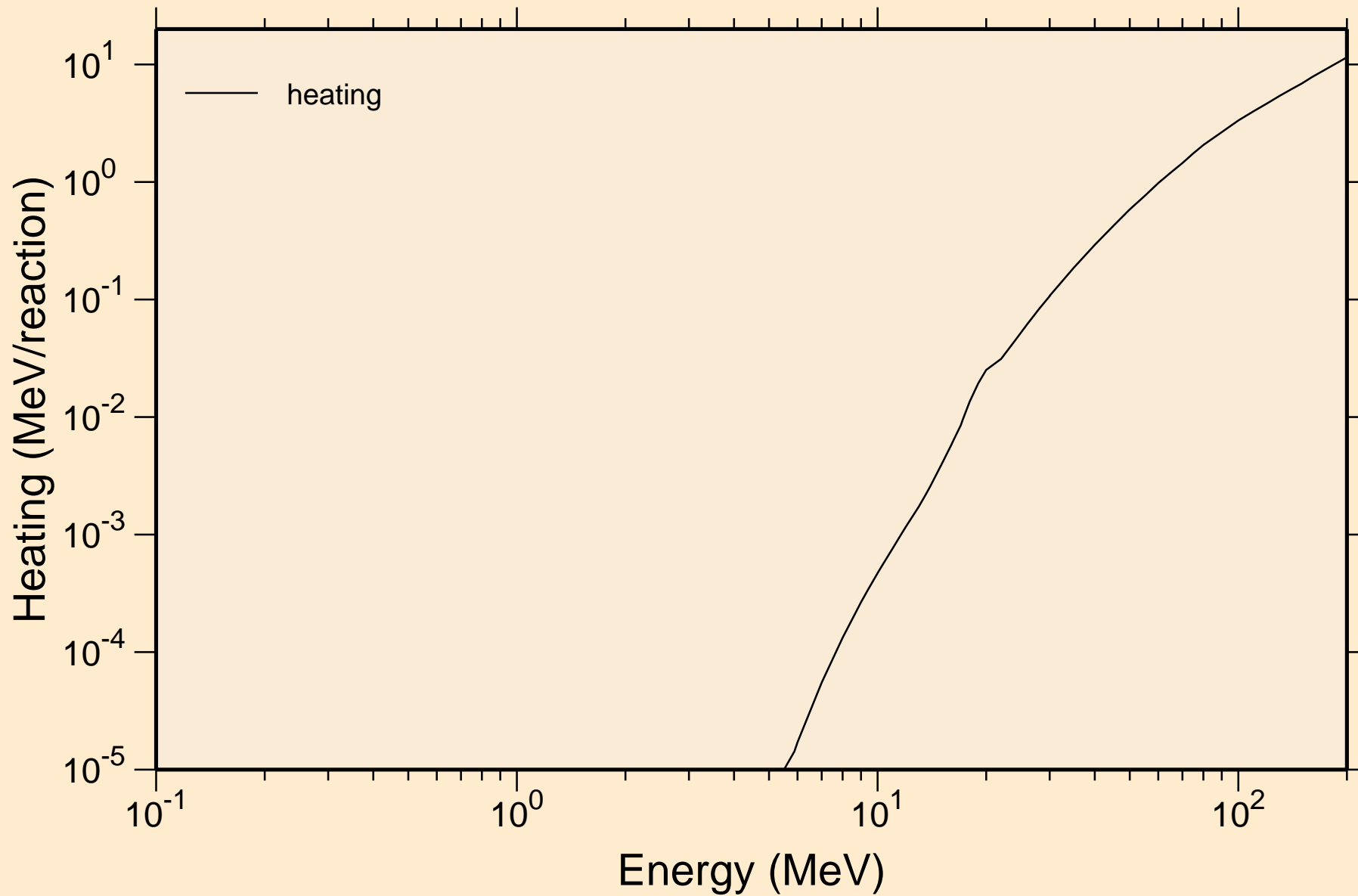


# CD119M PROTON ACER TENDL-2023 LIBRARY; T=0.K

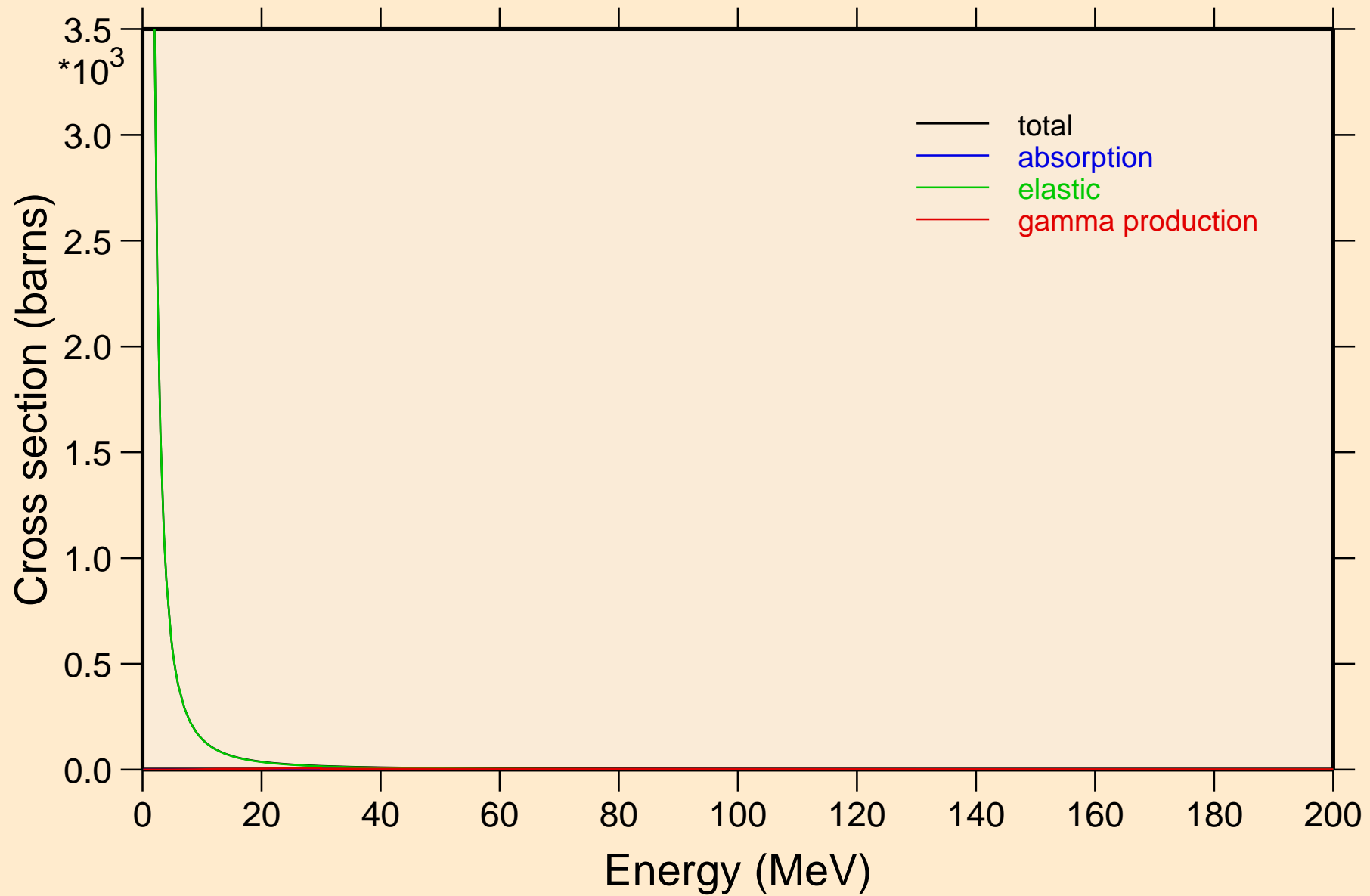
## Principal cross sections



CD119M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Heating

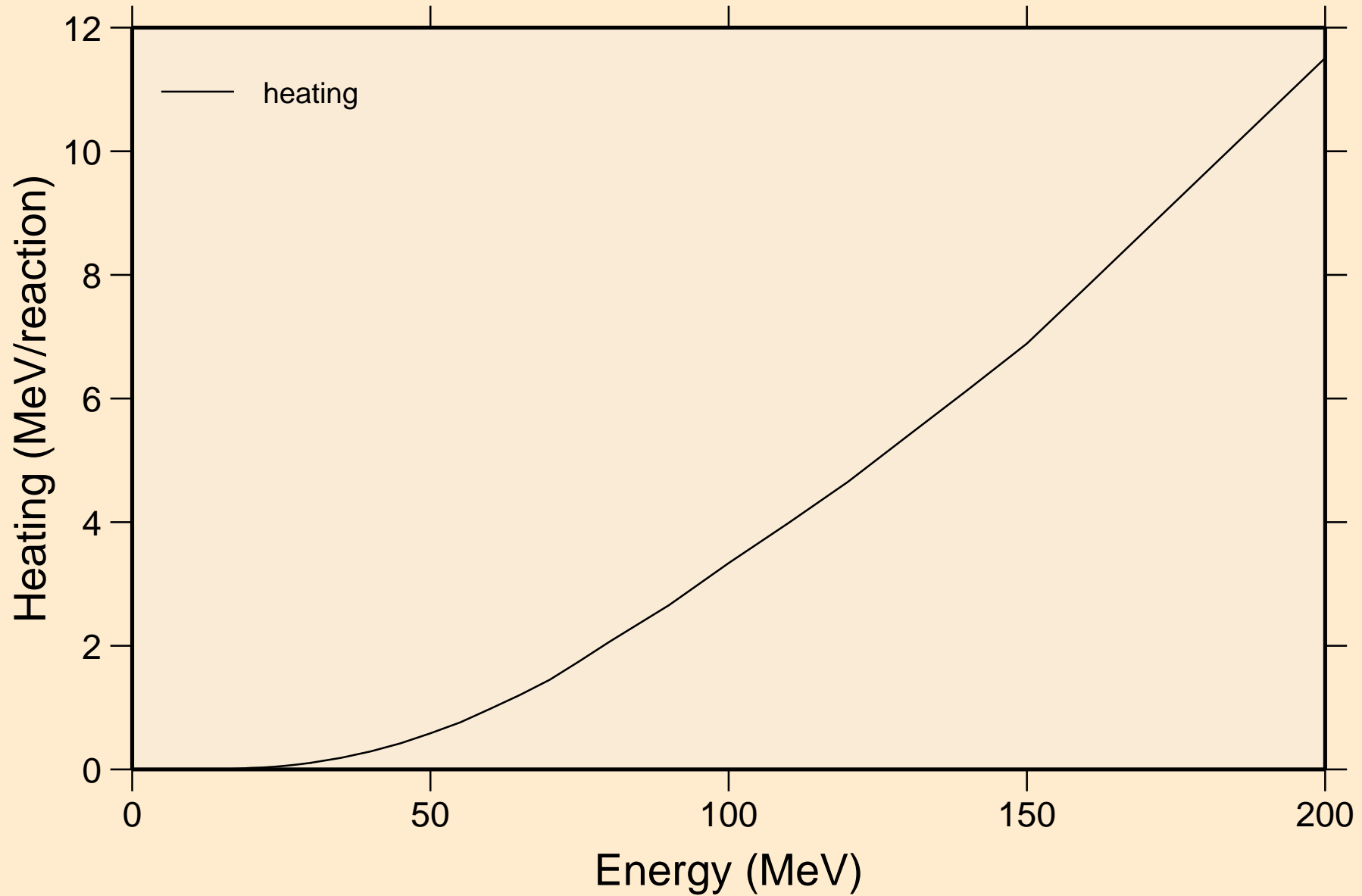


CD119M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



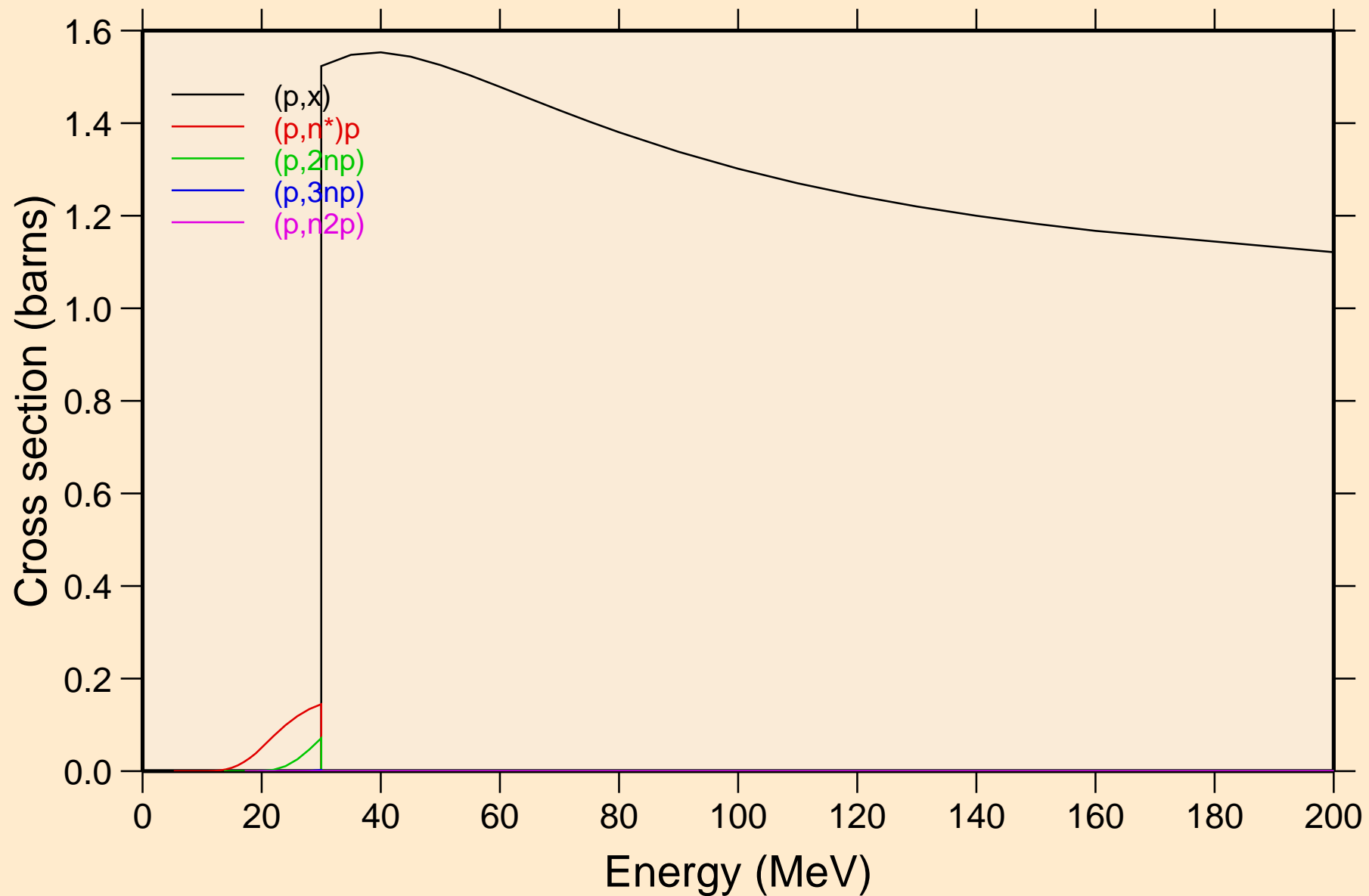
# CD119M PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



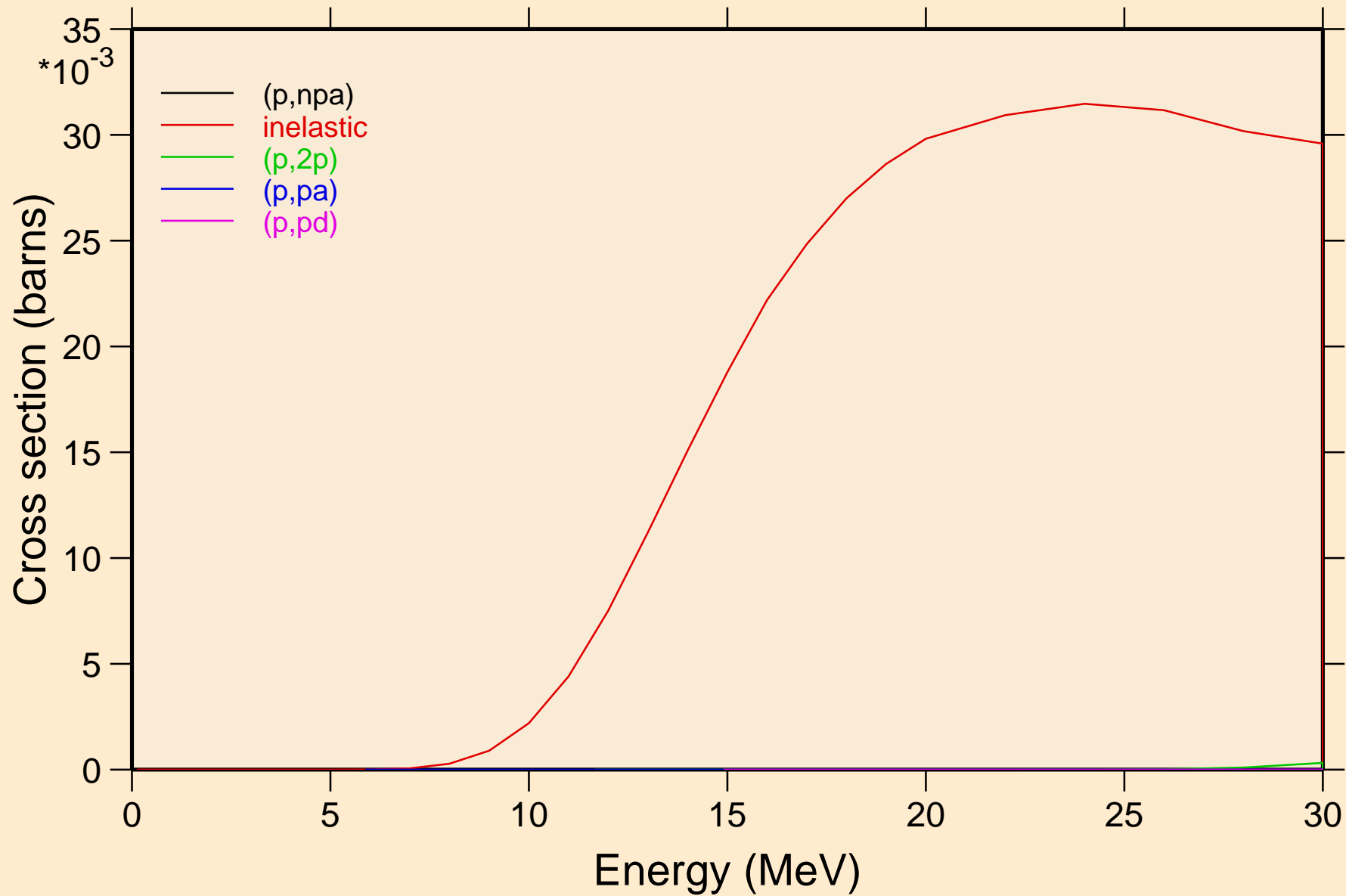
# CD119M PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

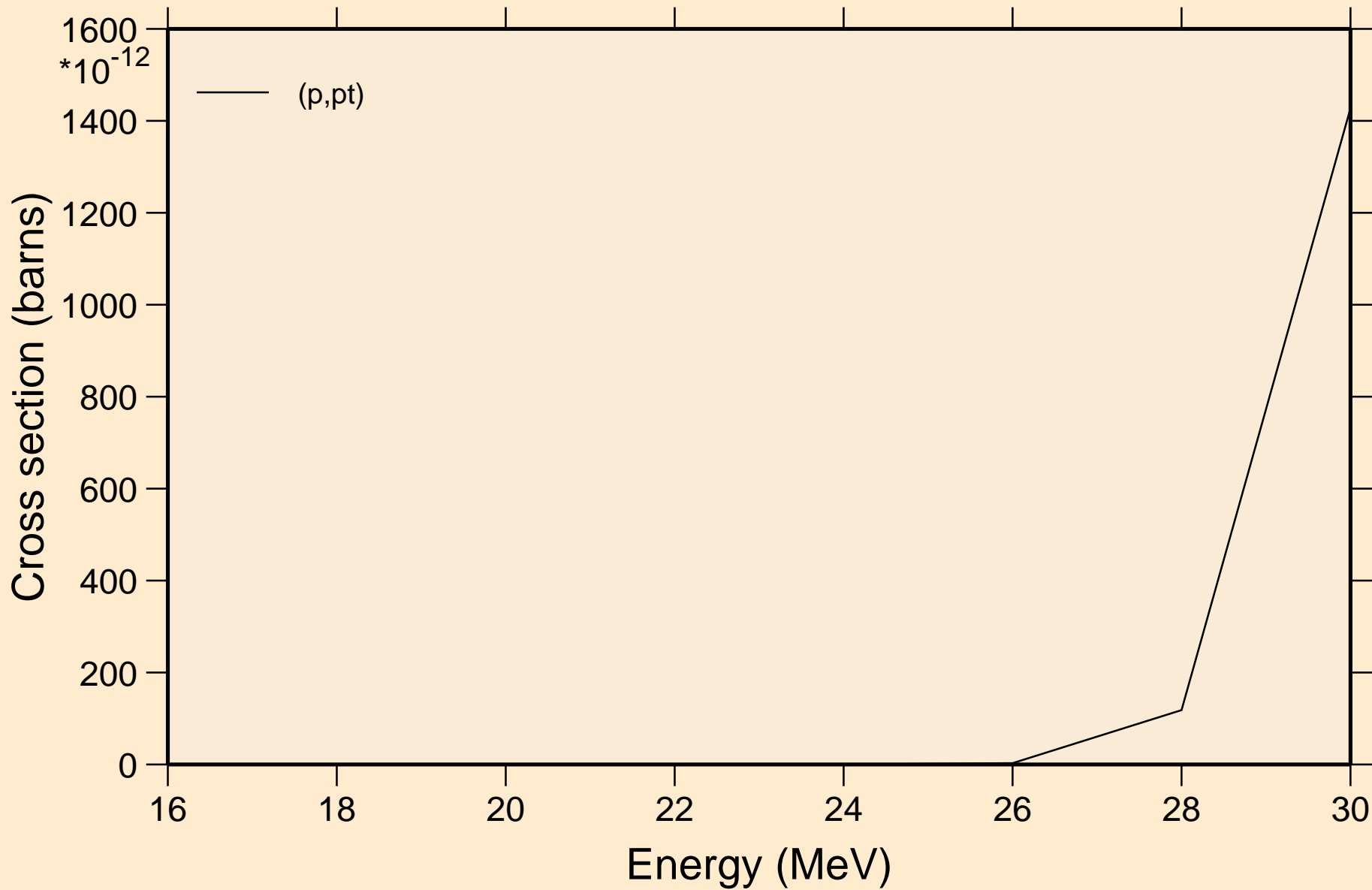


# CD119M PROTON ACER TENDL-2023 LIBRARY; T=0.K

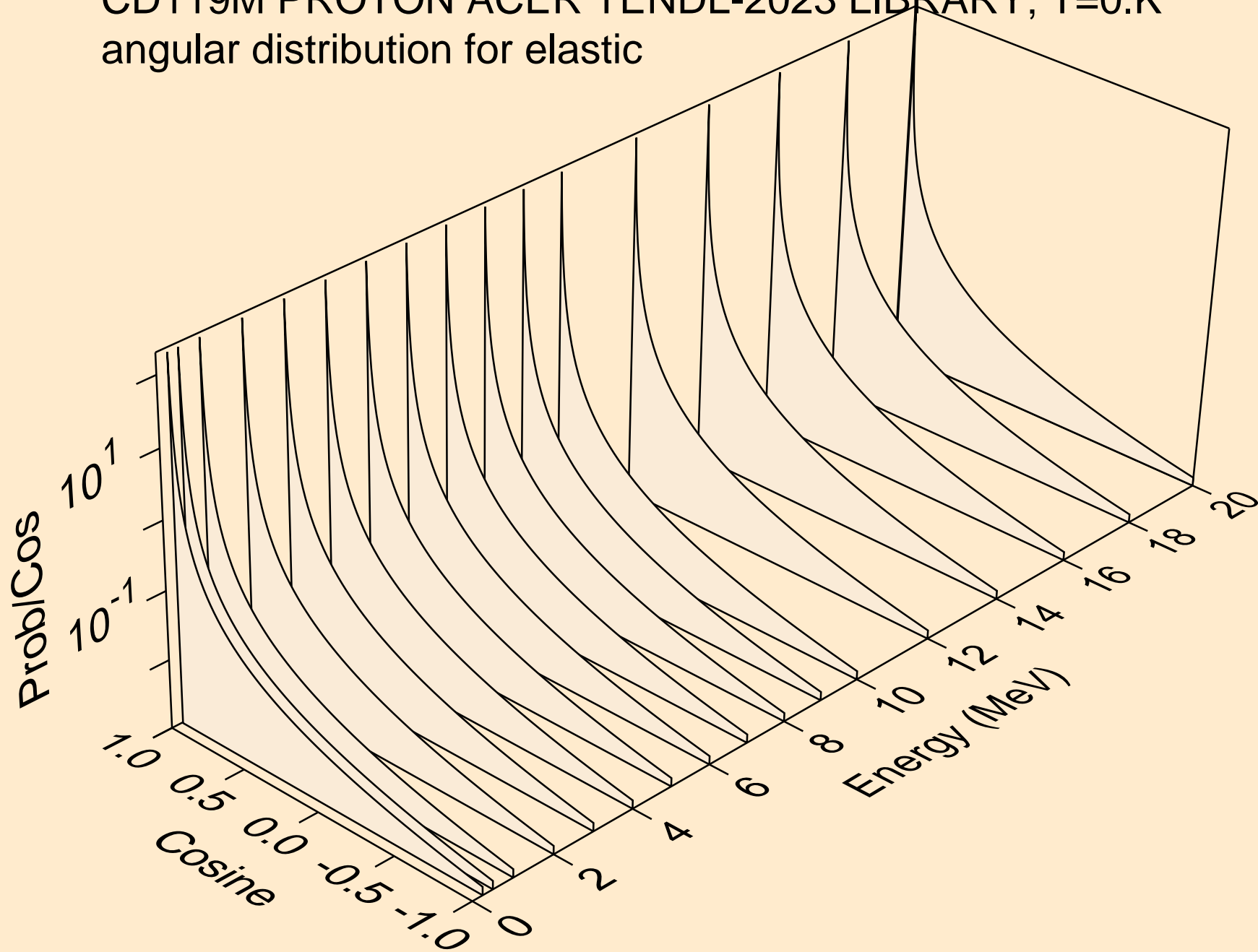
## Threshold reactions



CD119M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

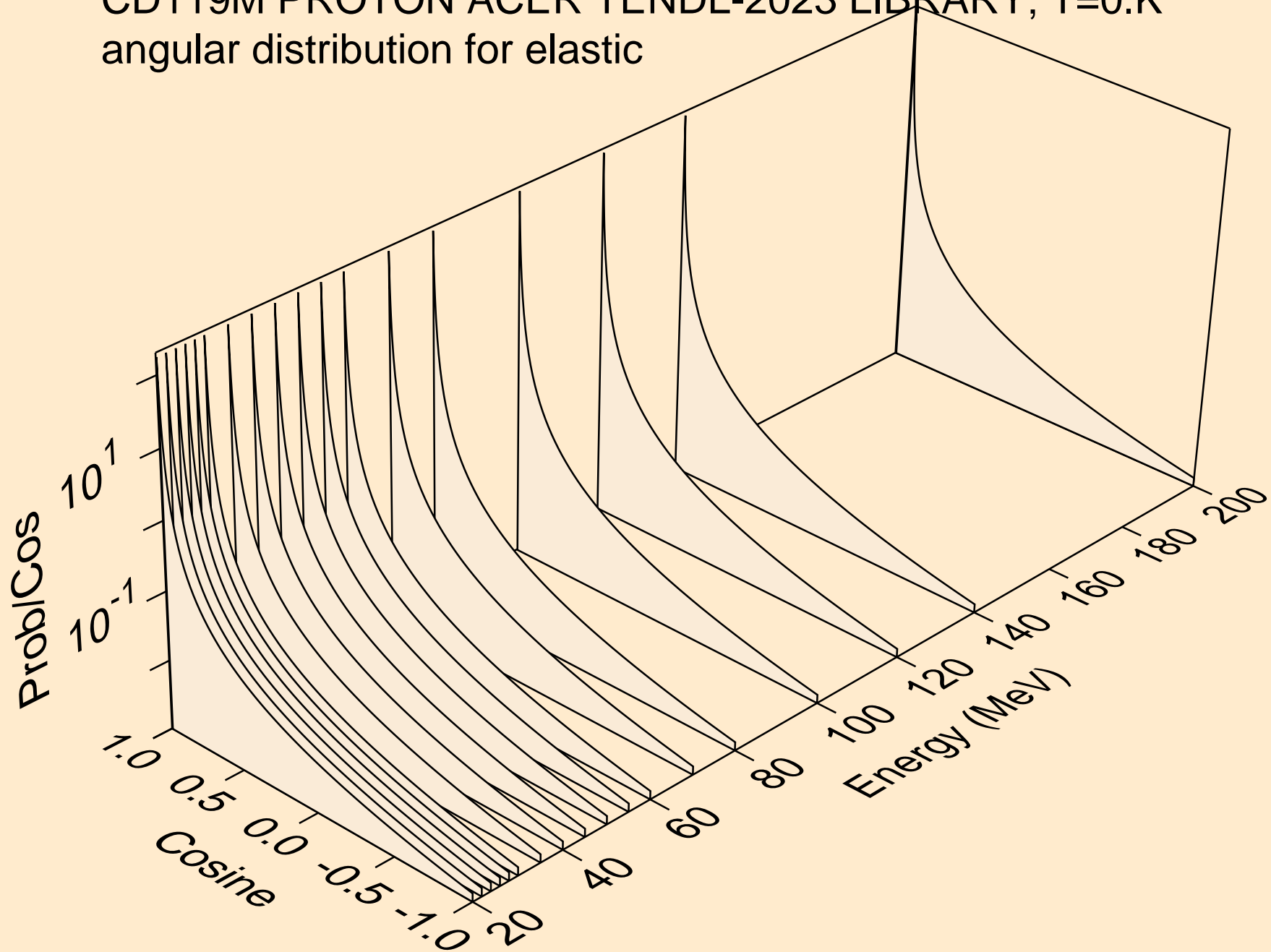


CD119M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

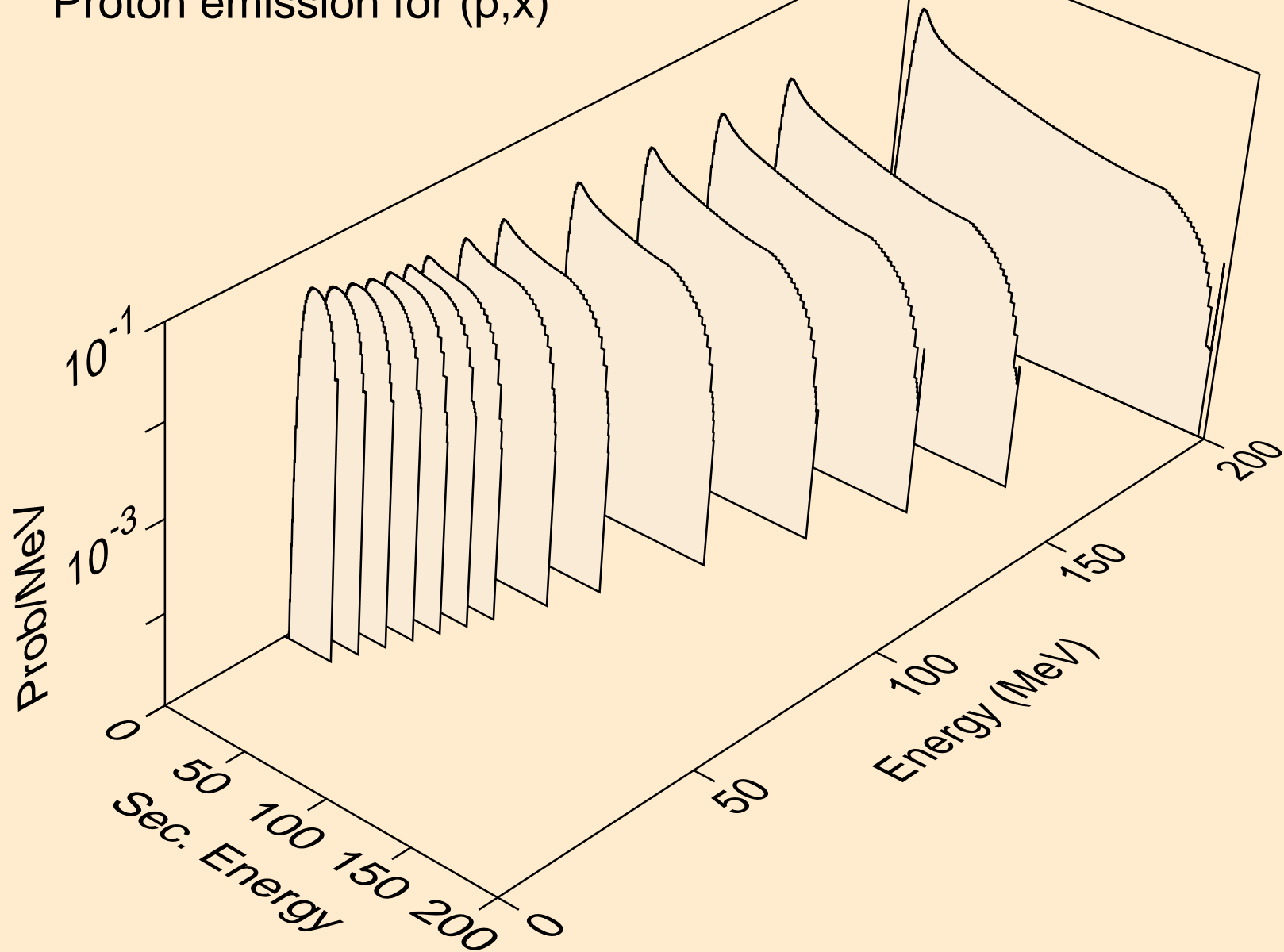




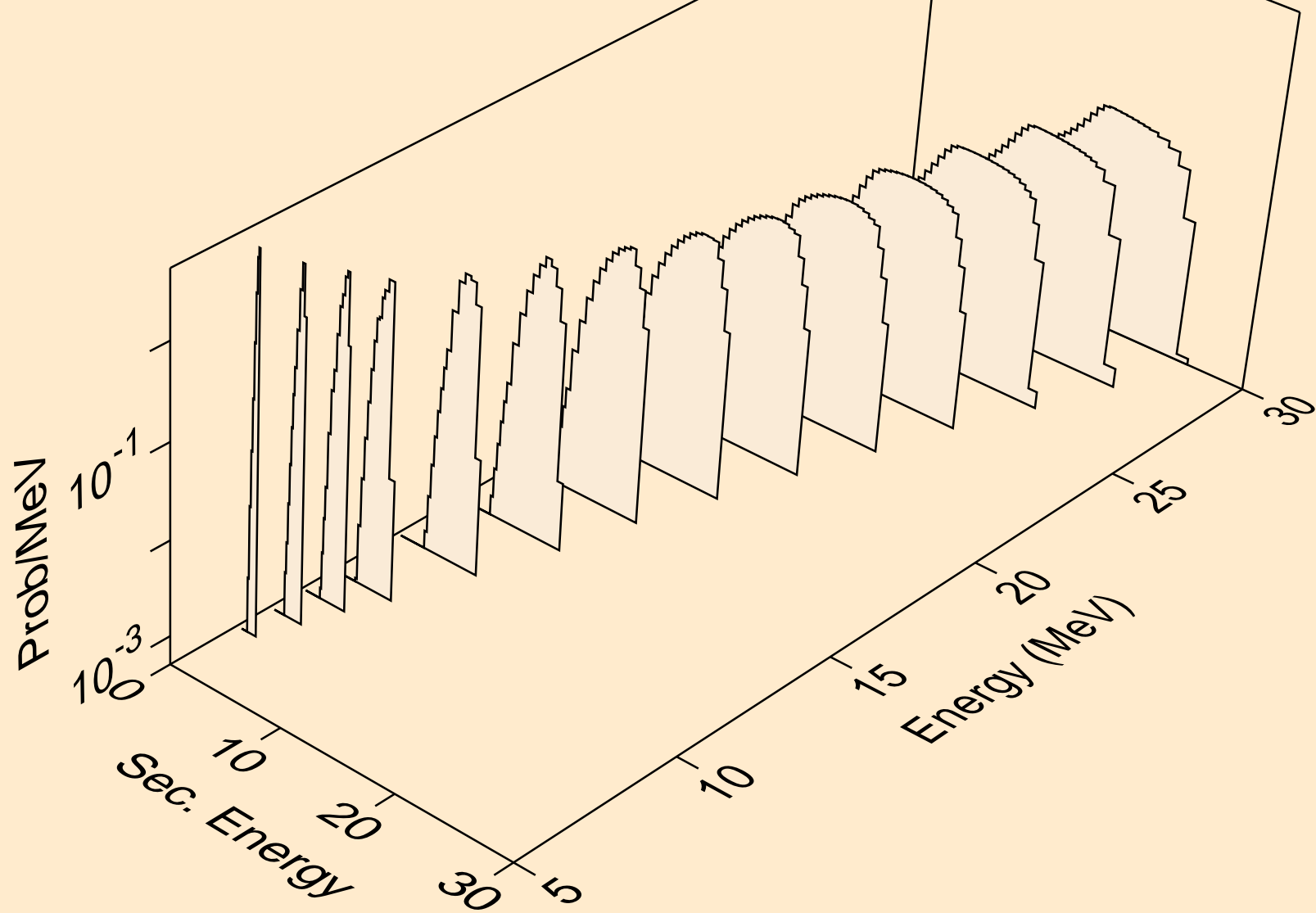
CD119M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



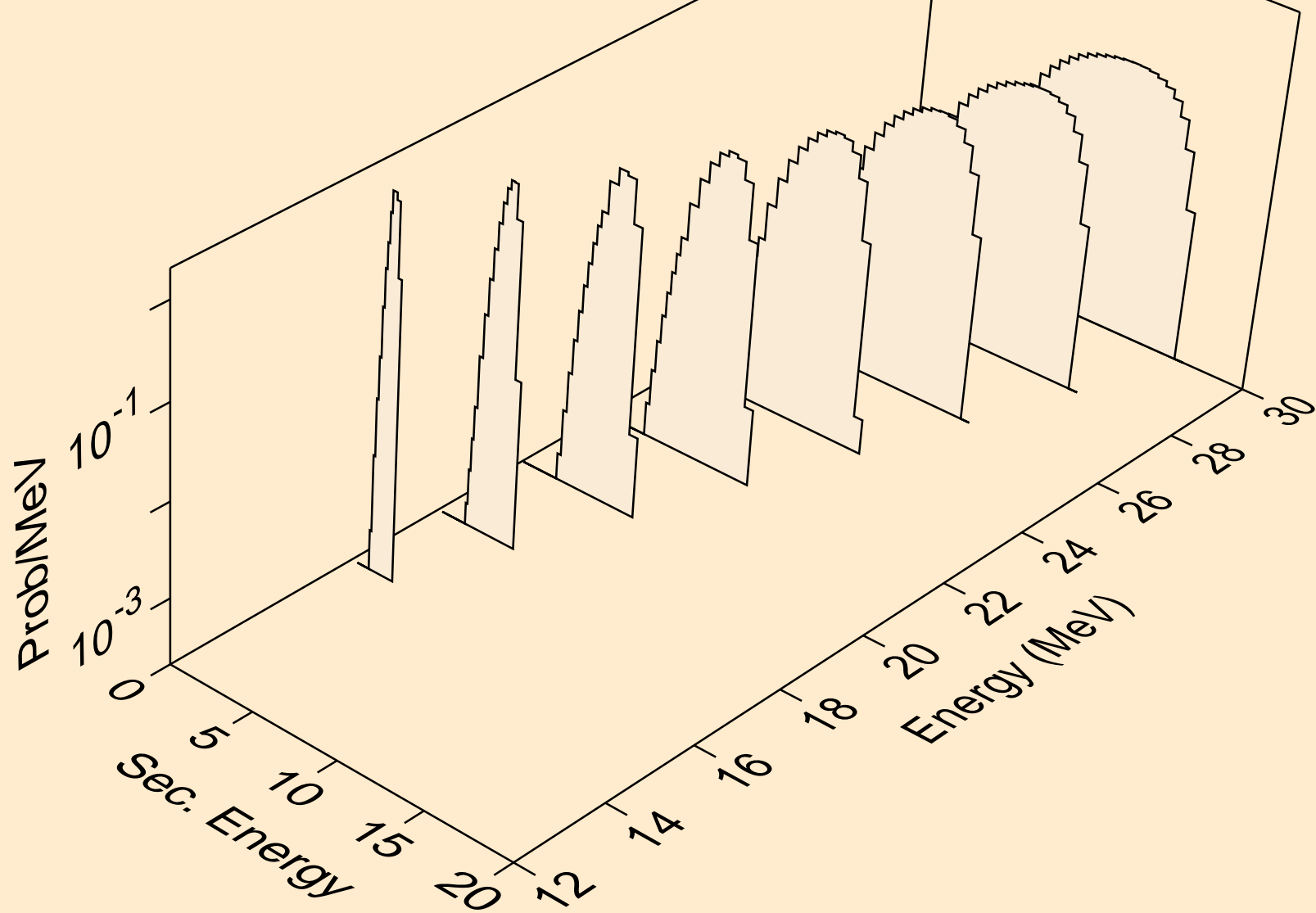
CD119M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



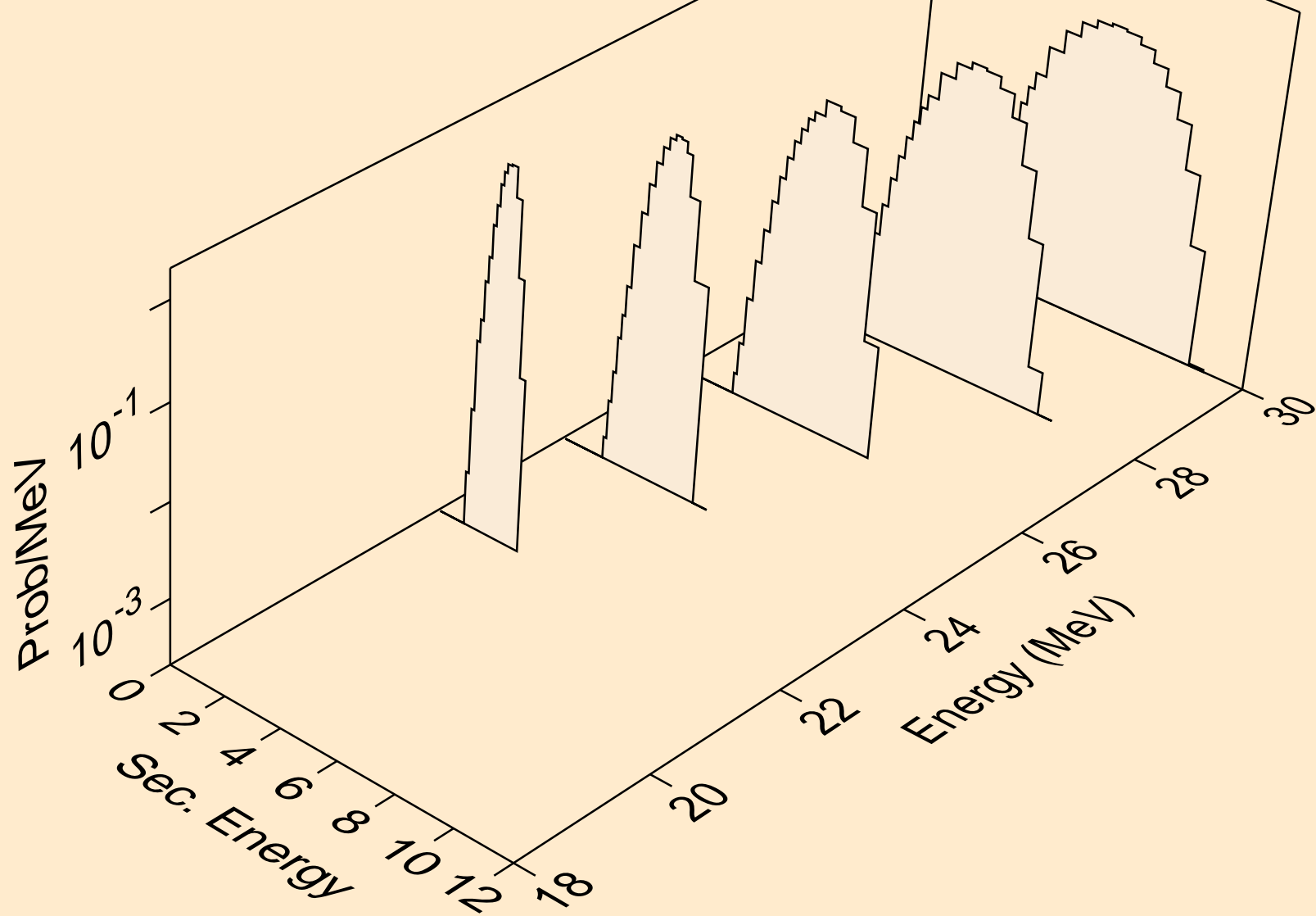
CD119M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



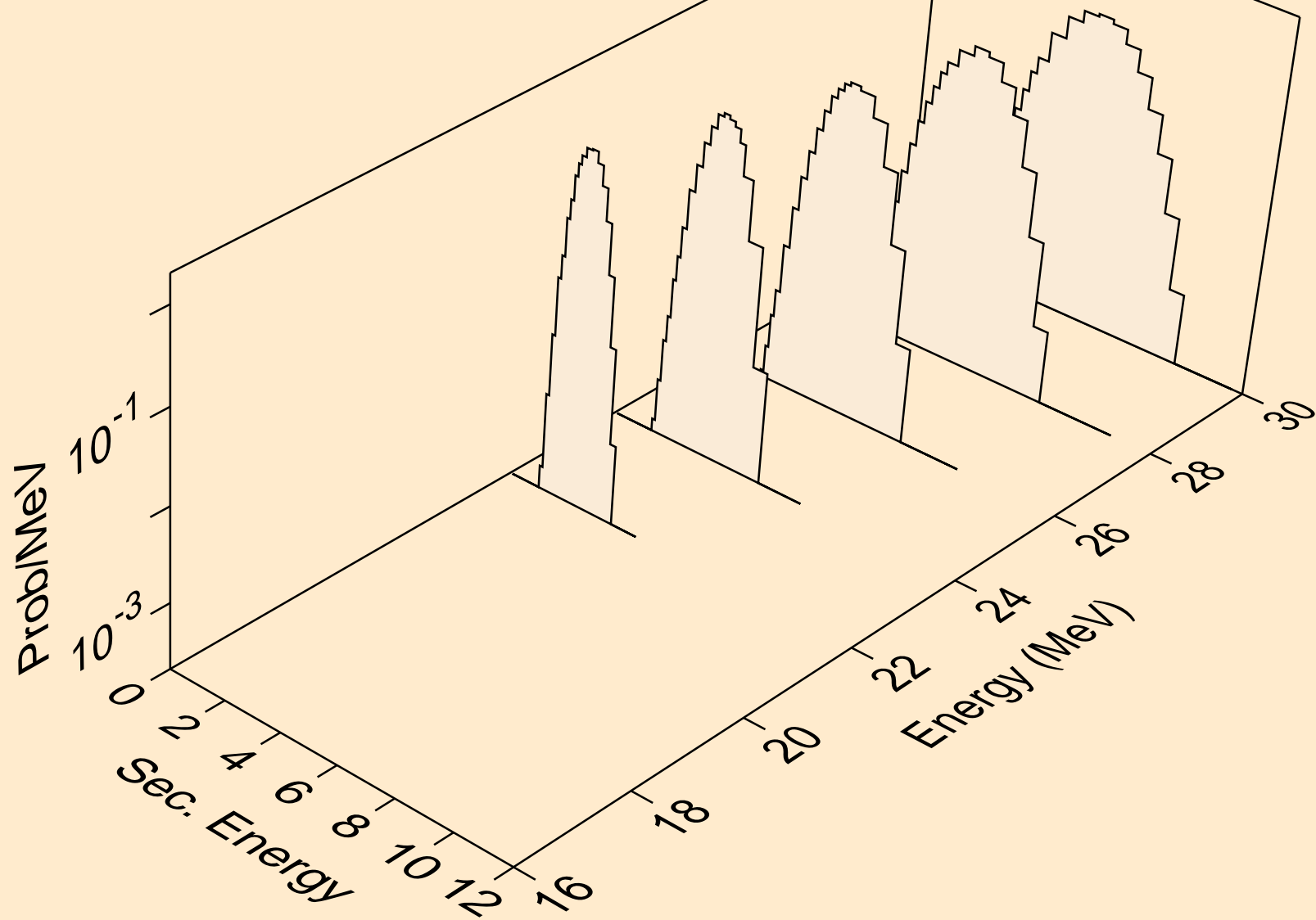
CD119M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



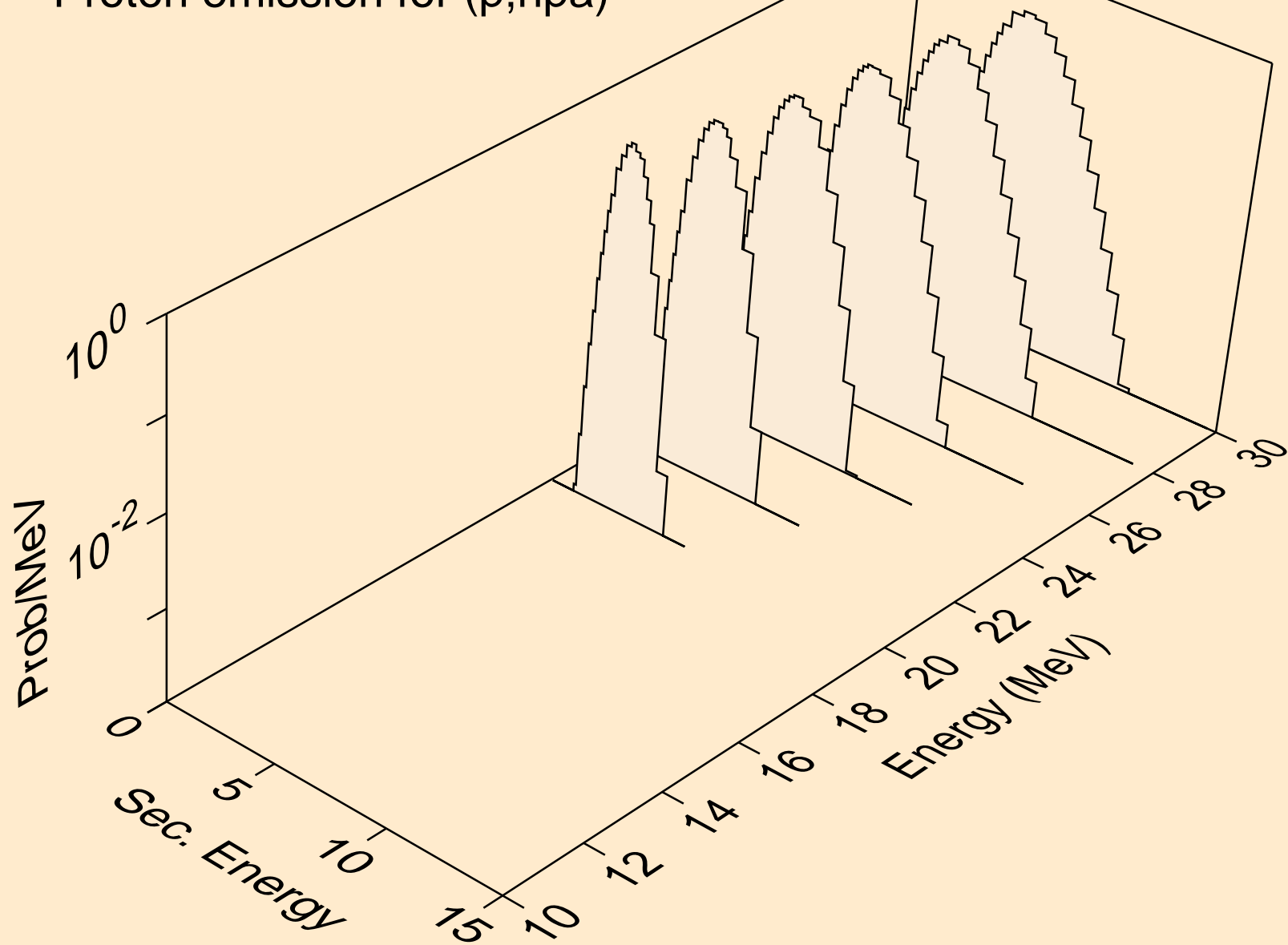
CD119M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,3np)



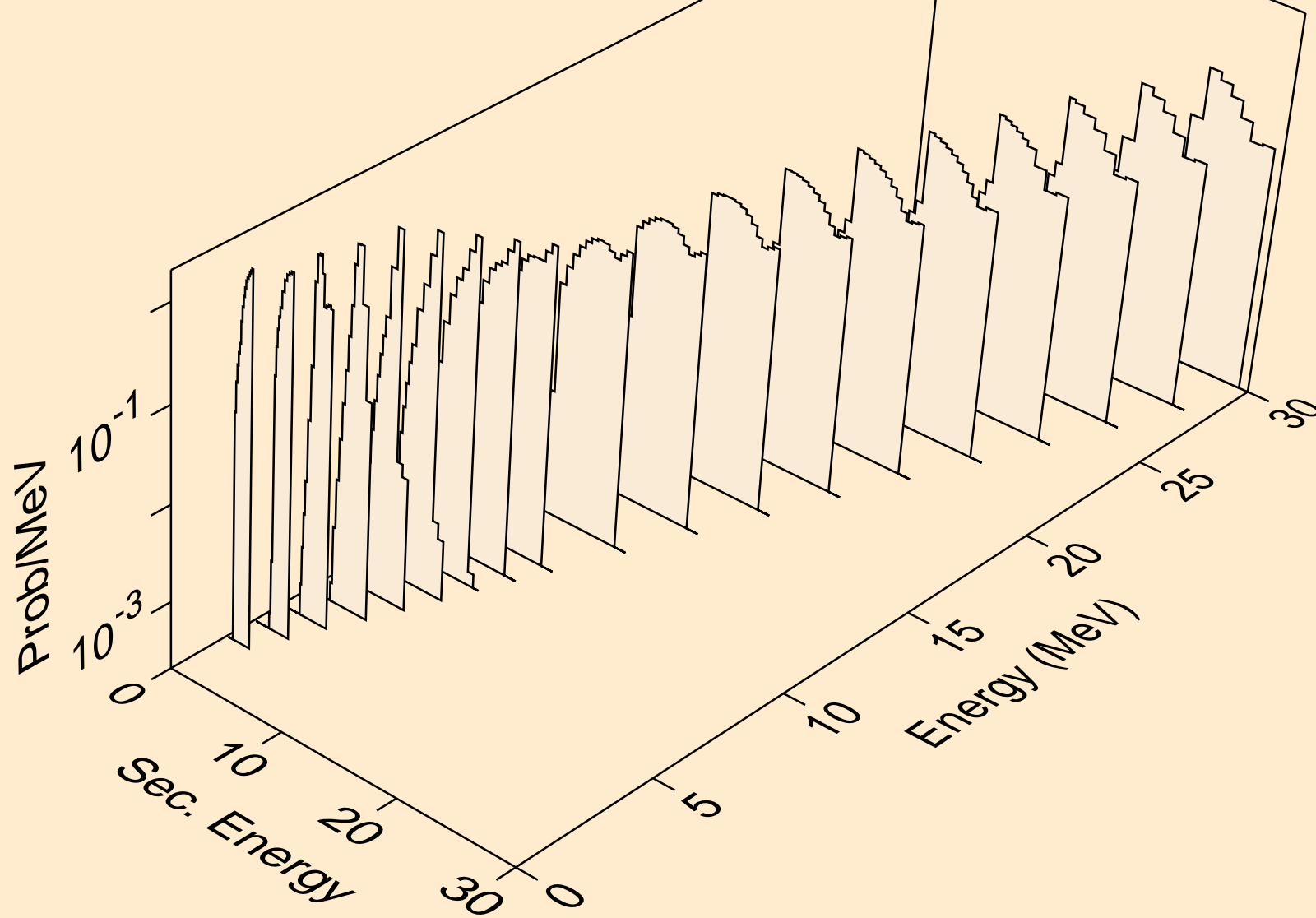
CD119M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)



CD119M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,npa)

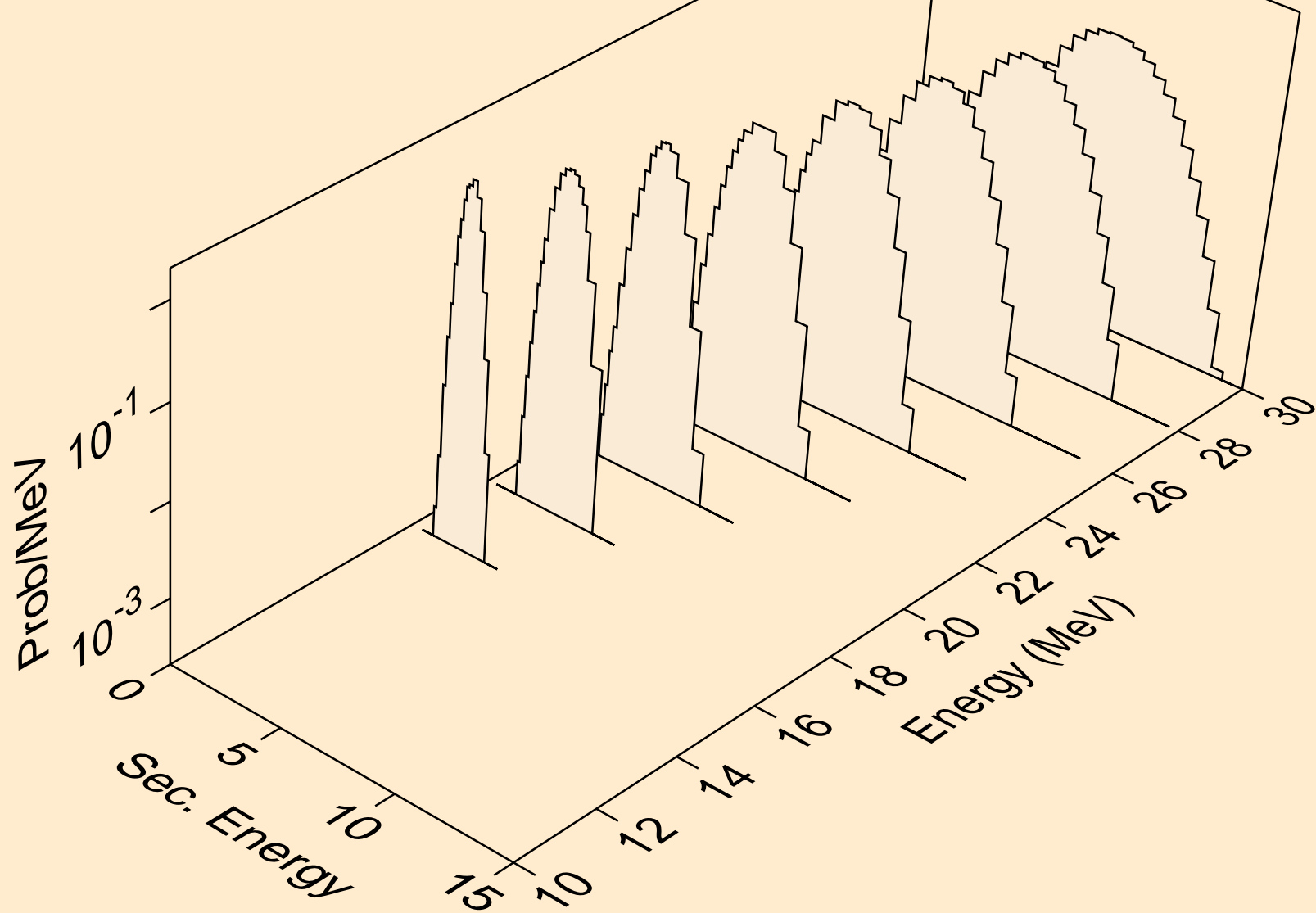


CD119M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

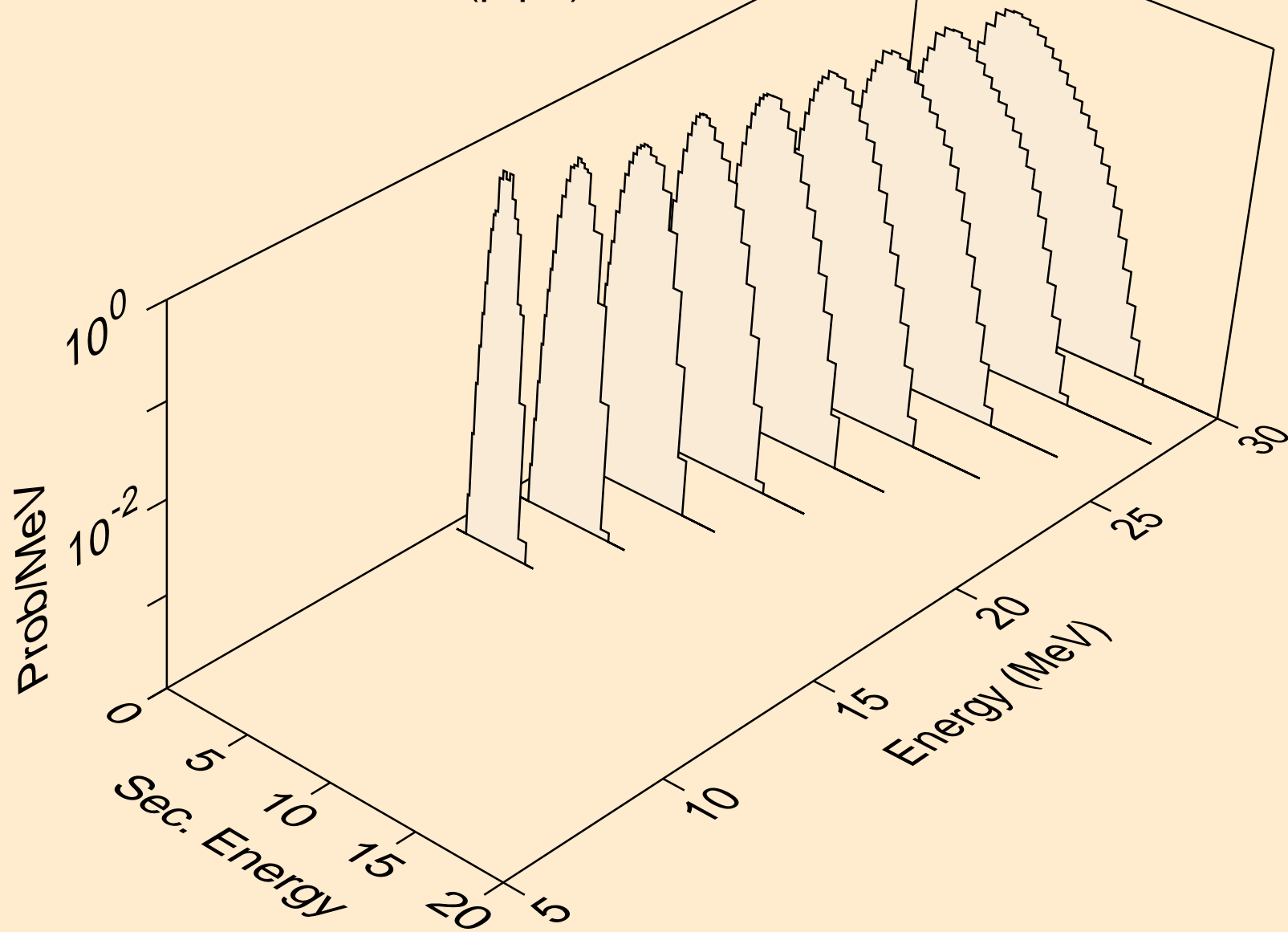




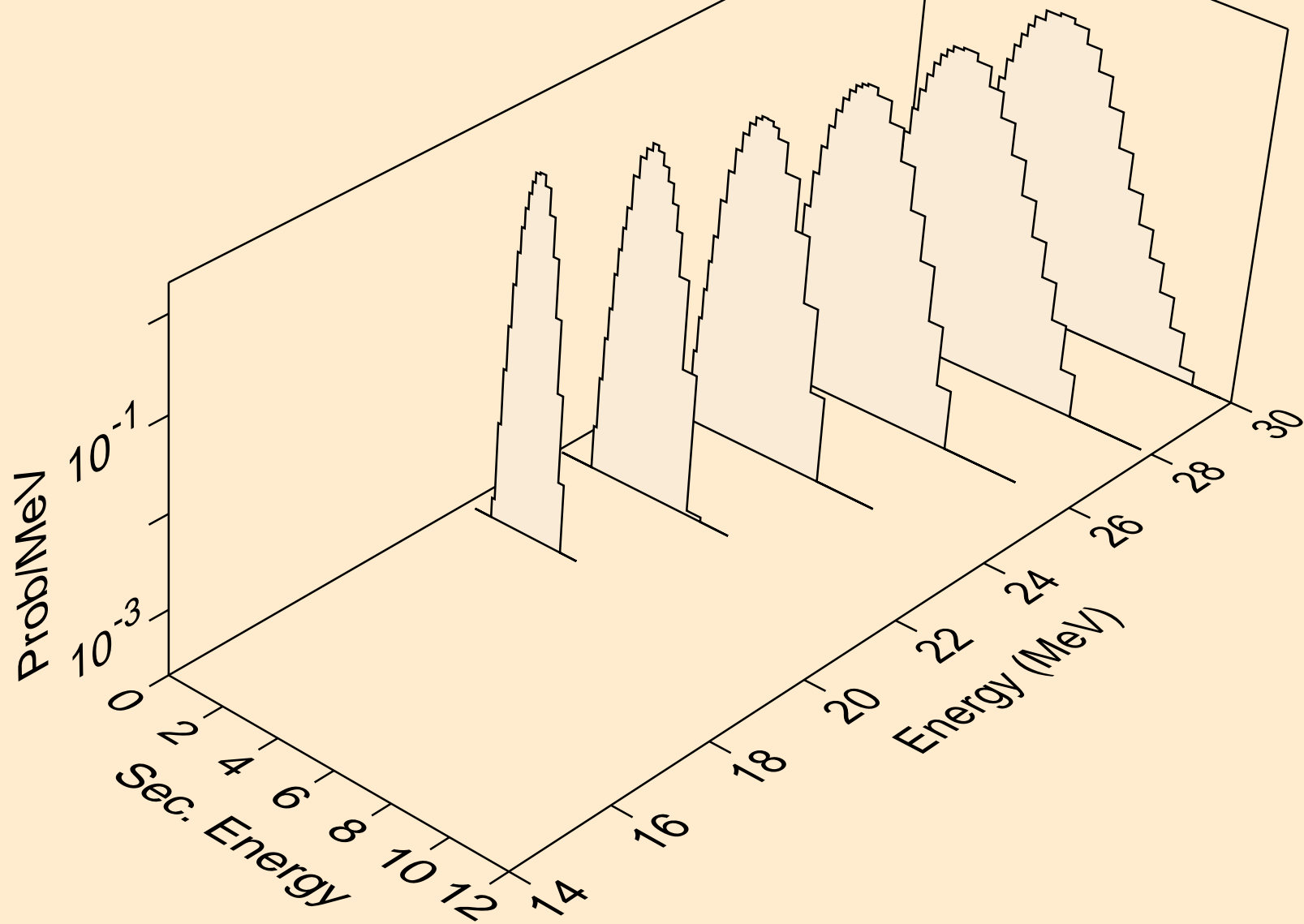
CD119M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)



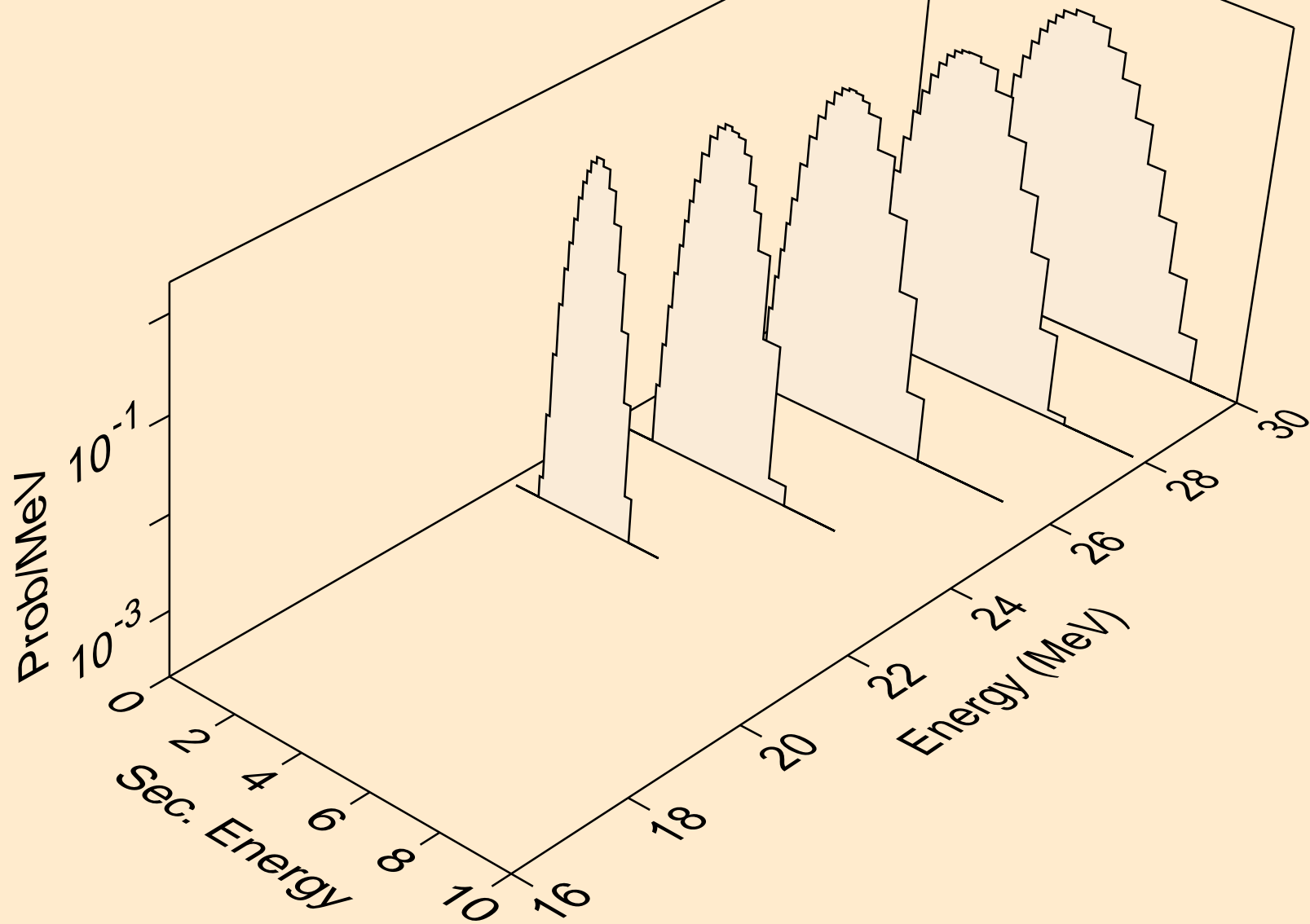
CD119M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pa)



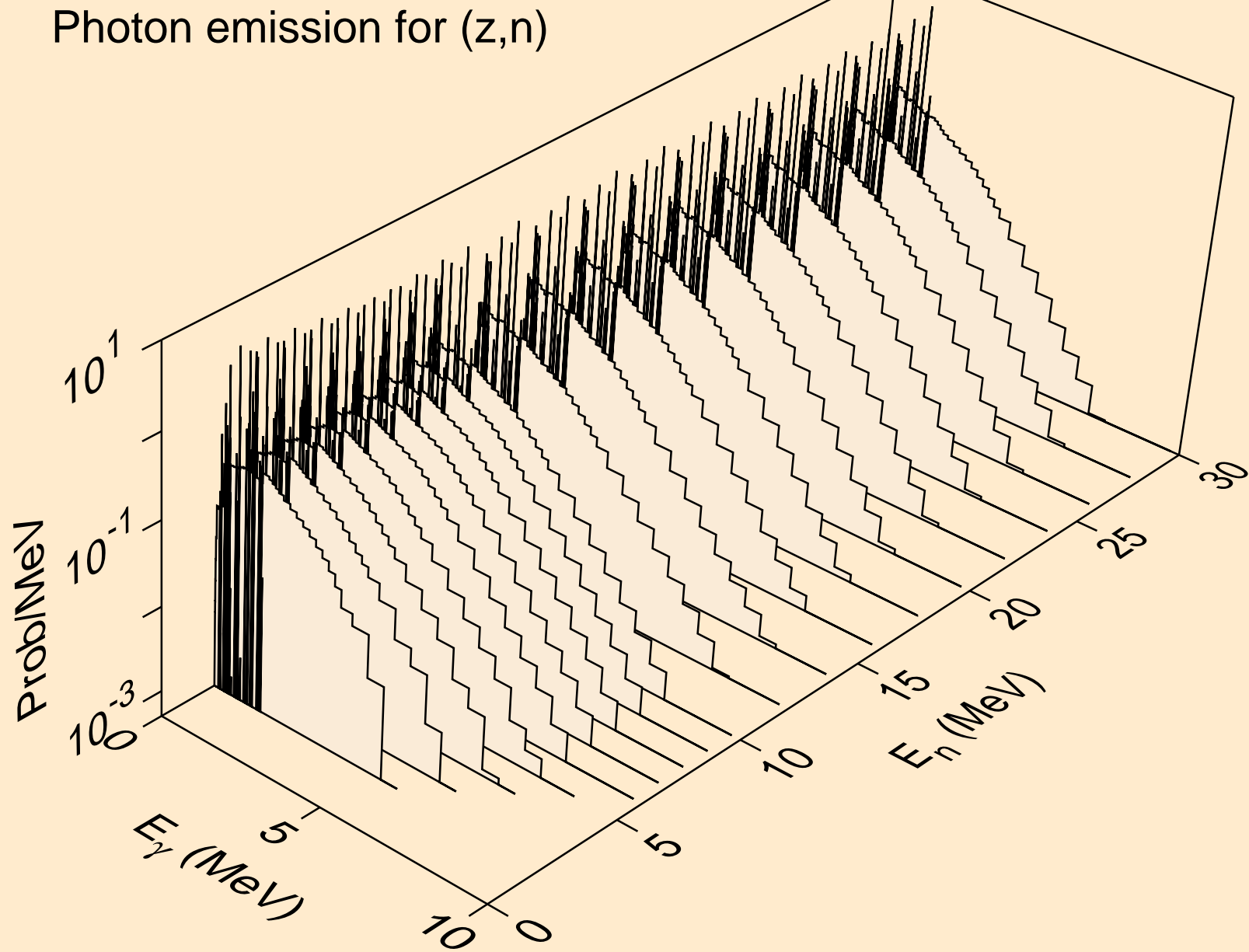
CD119M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pd)



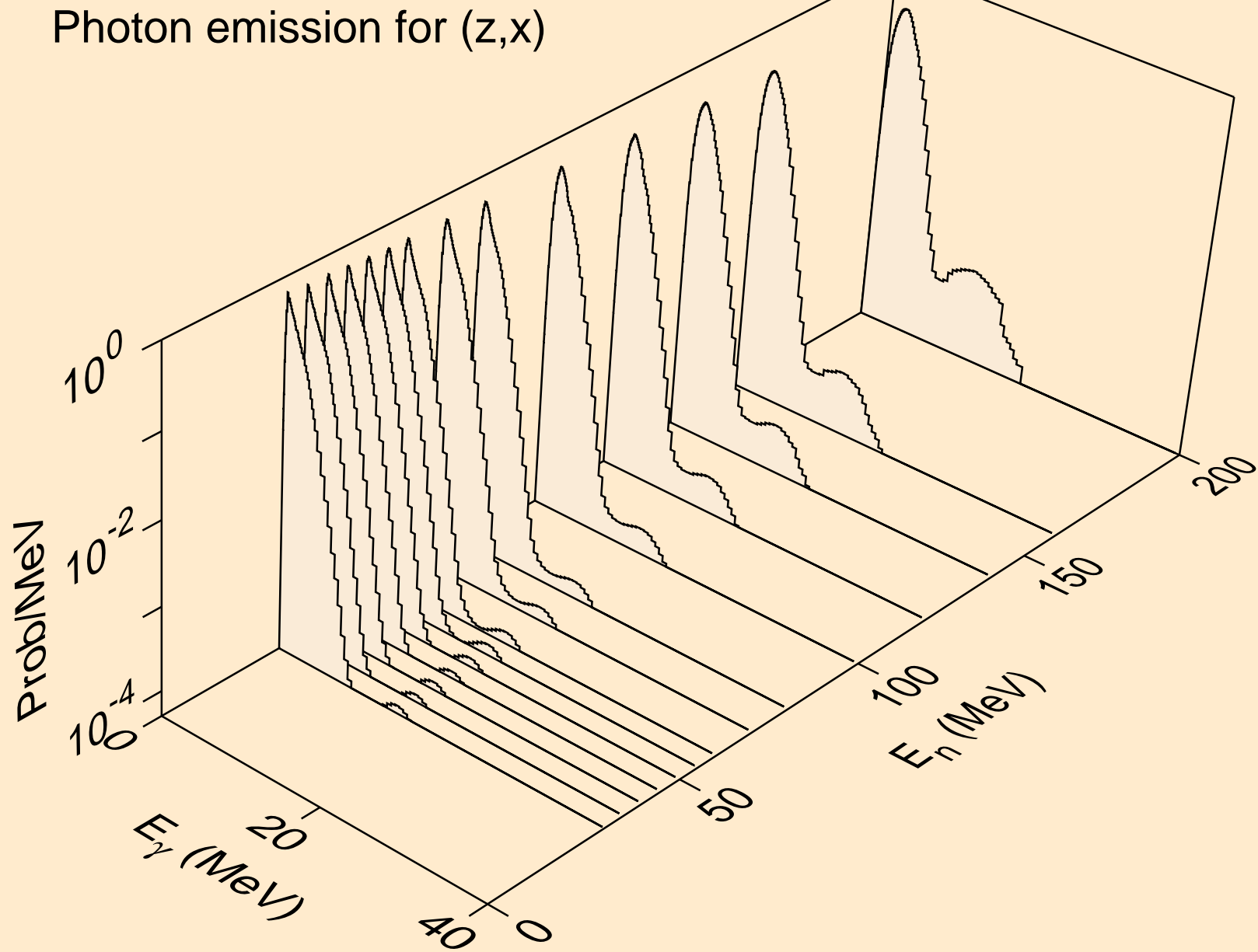
CD119M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pt)



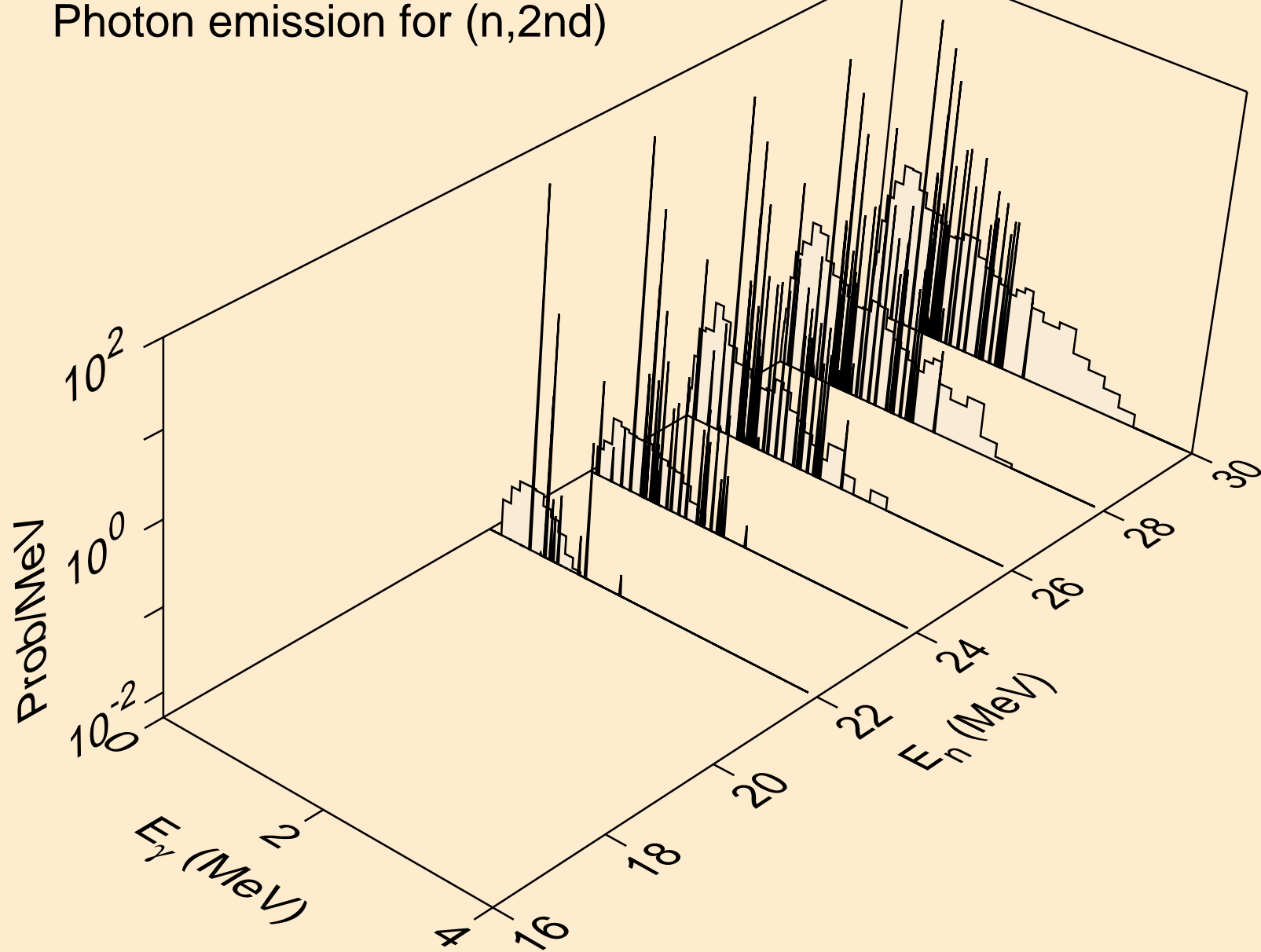
CD119M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



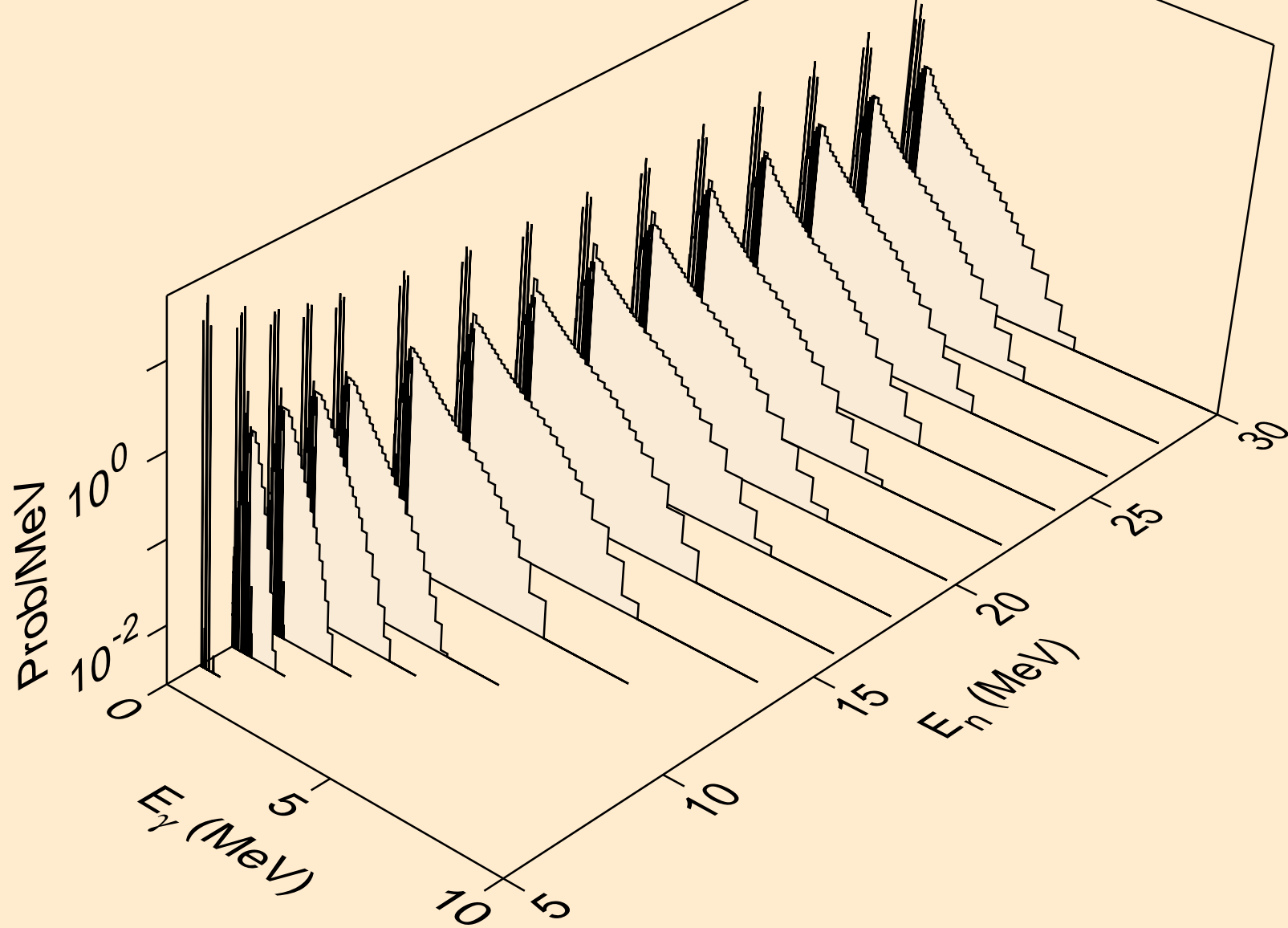
CD119M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



CD119M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)

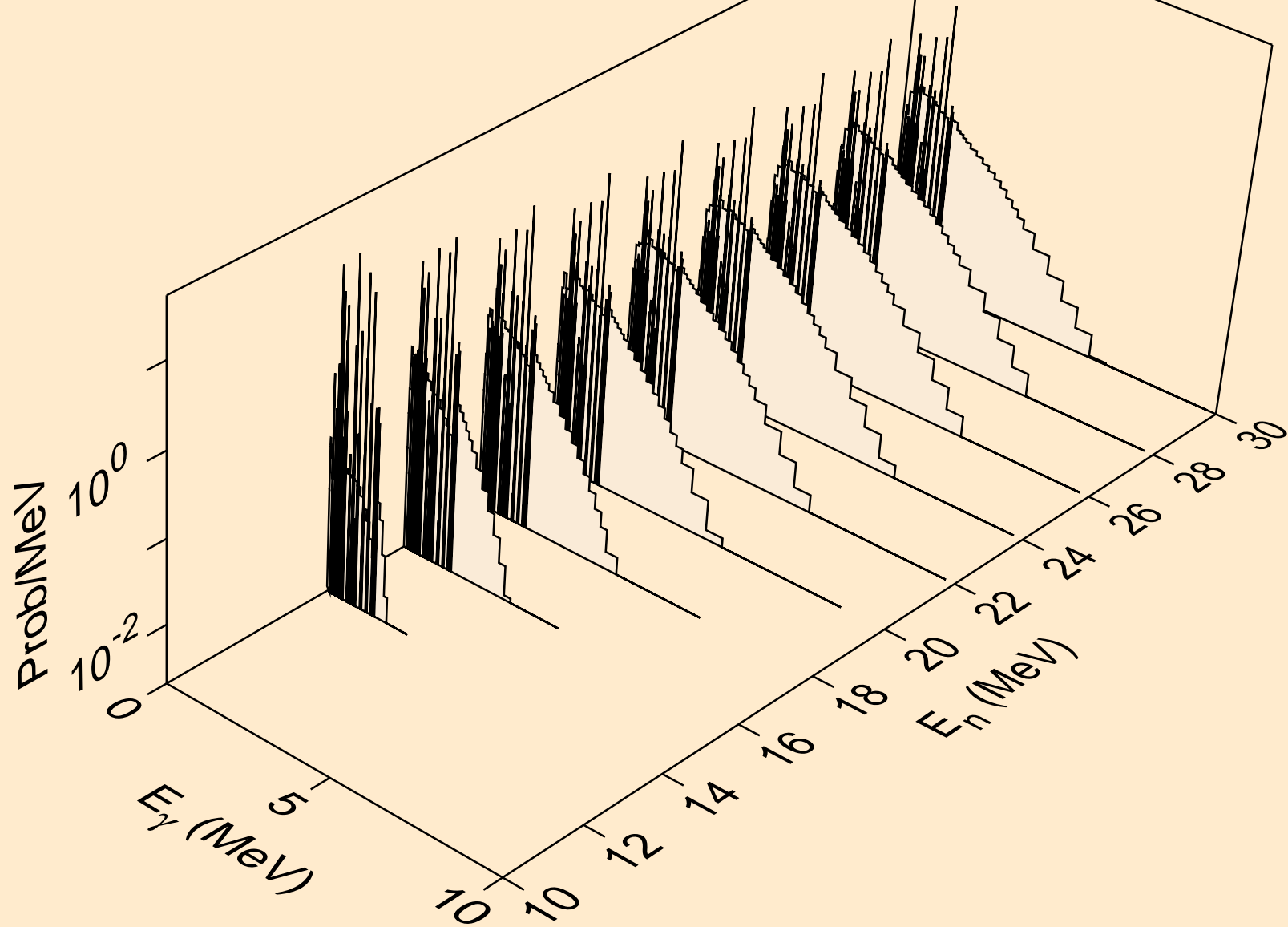


CD119M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

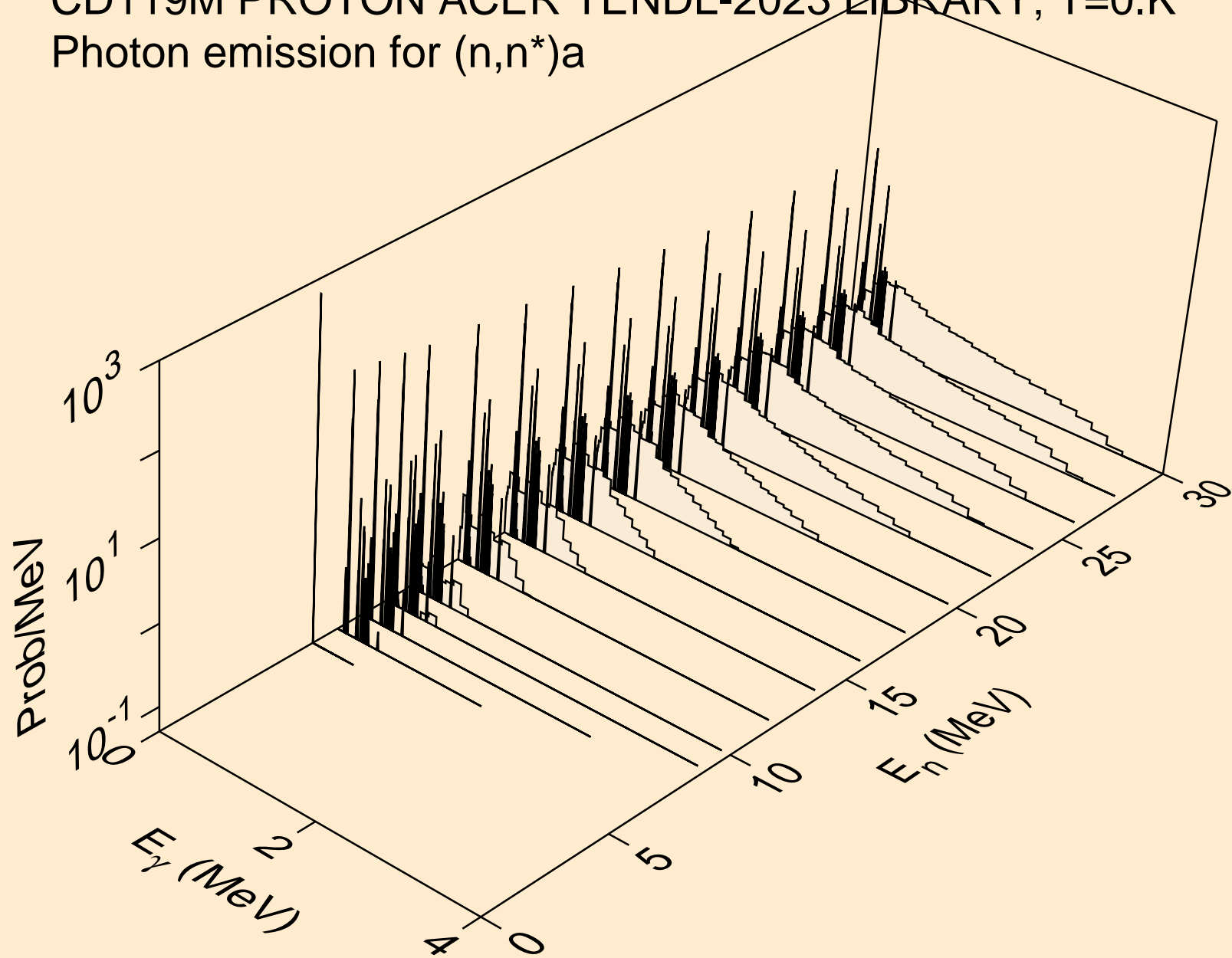




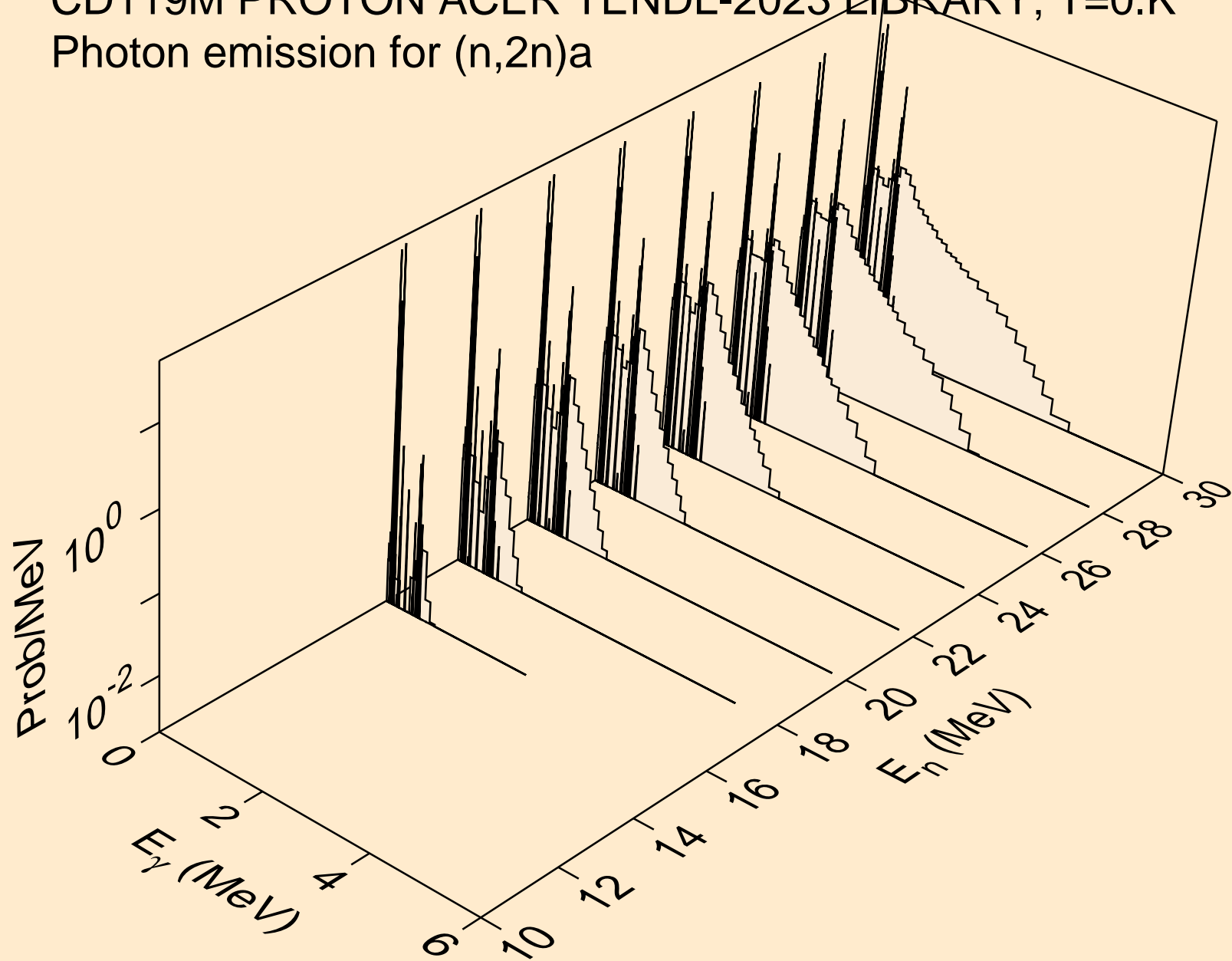
CD119M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



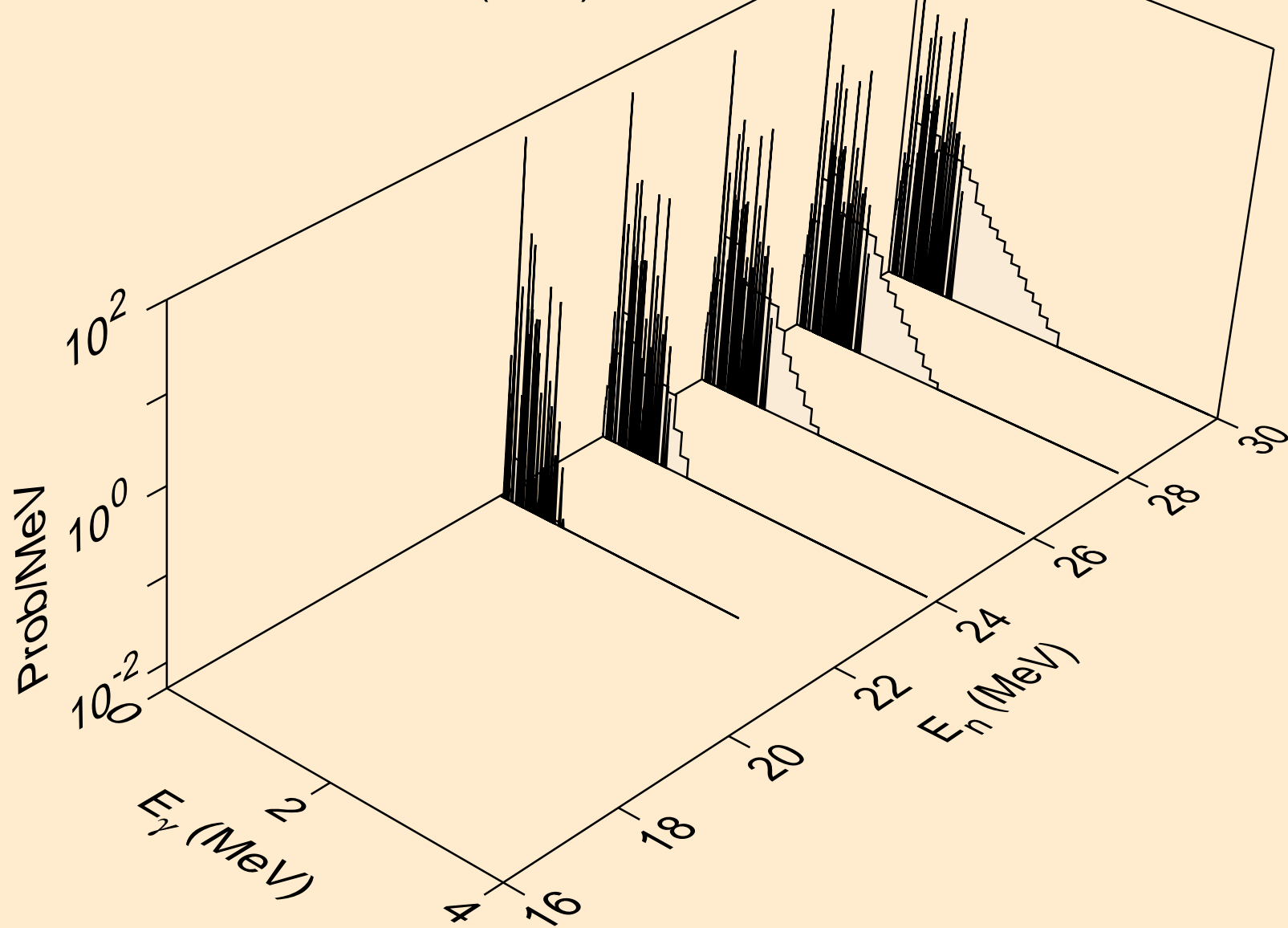
CD119M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



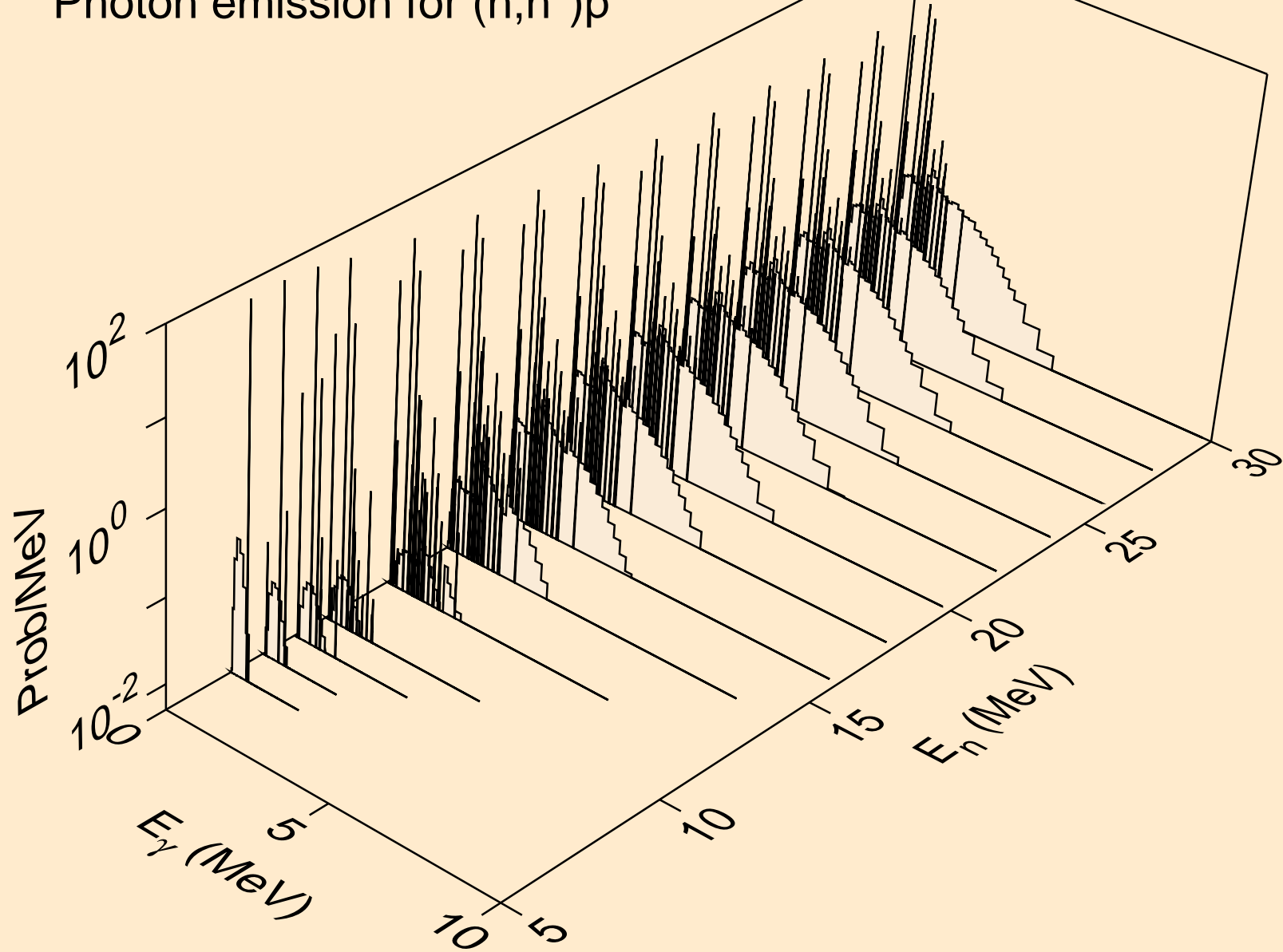
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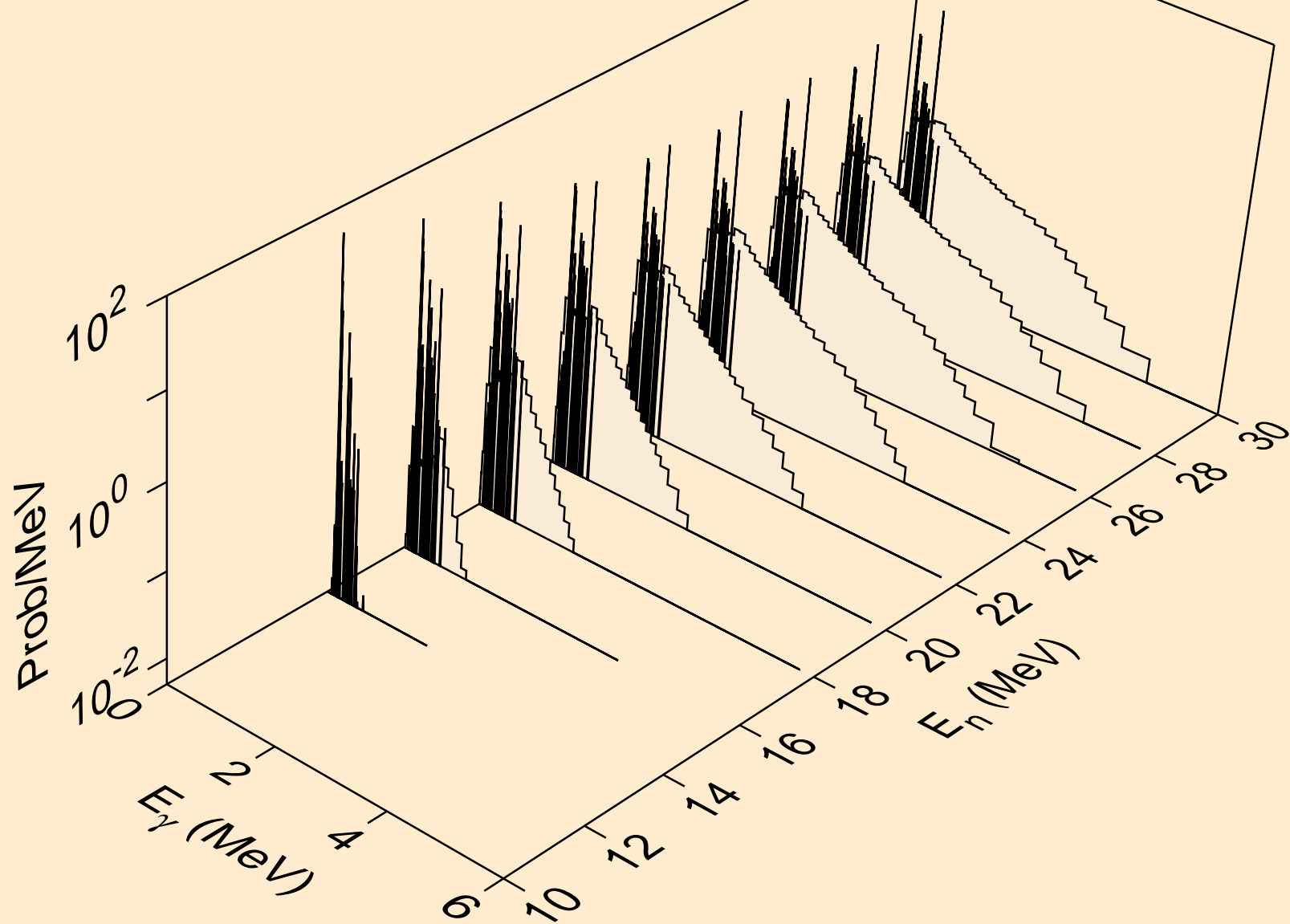
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Photon emission for (n,3n)a



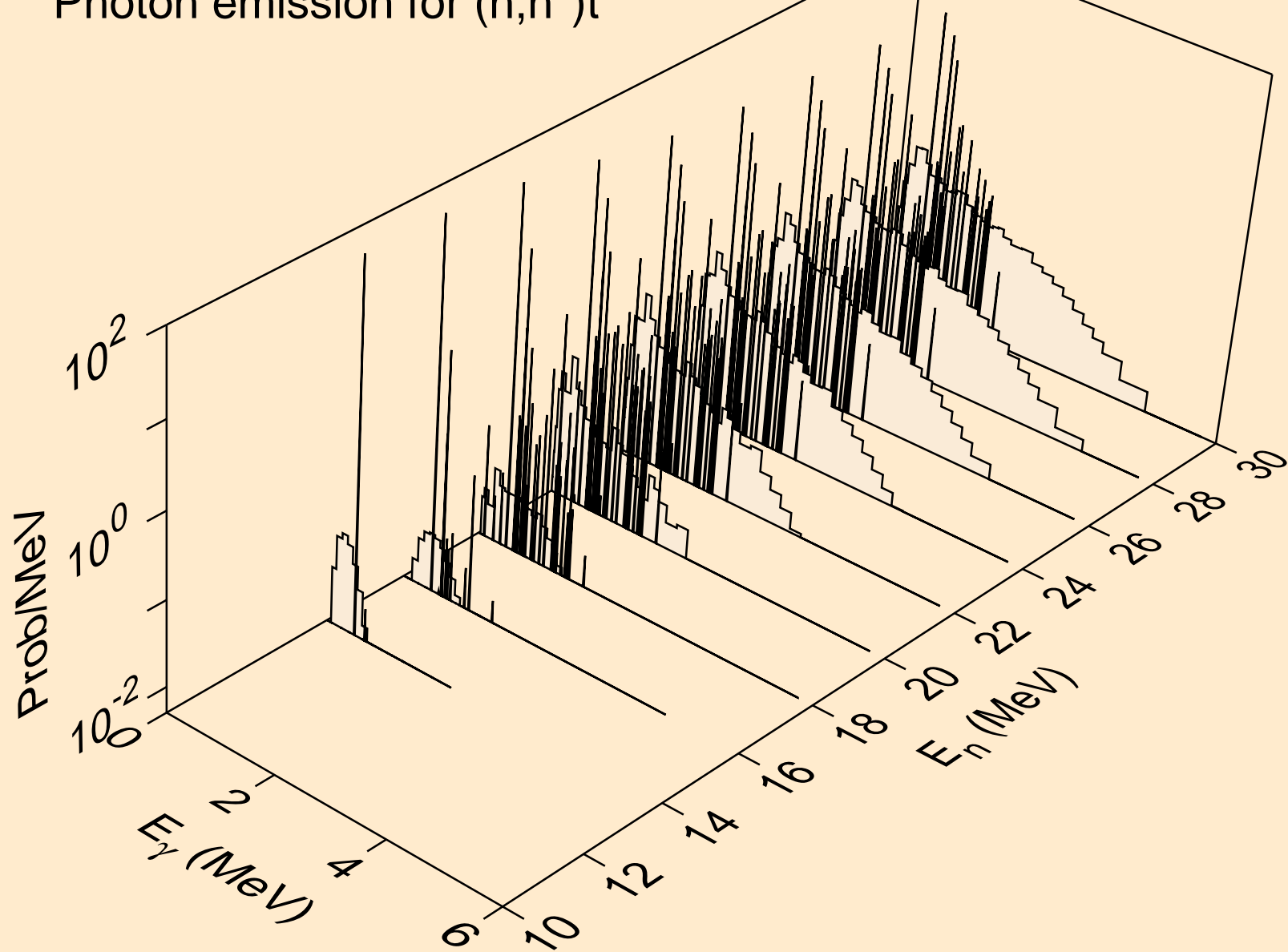
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Photon emission for (n,n\*)p



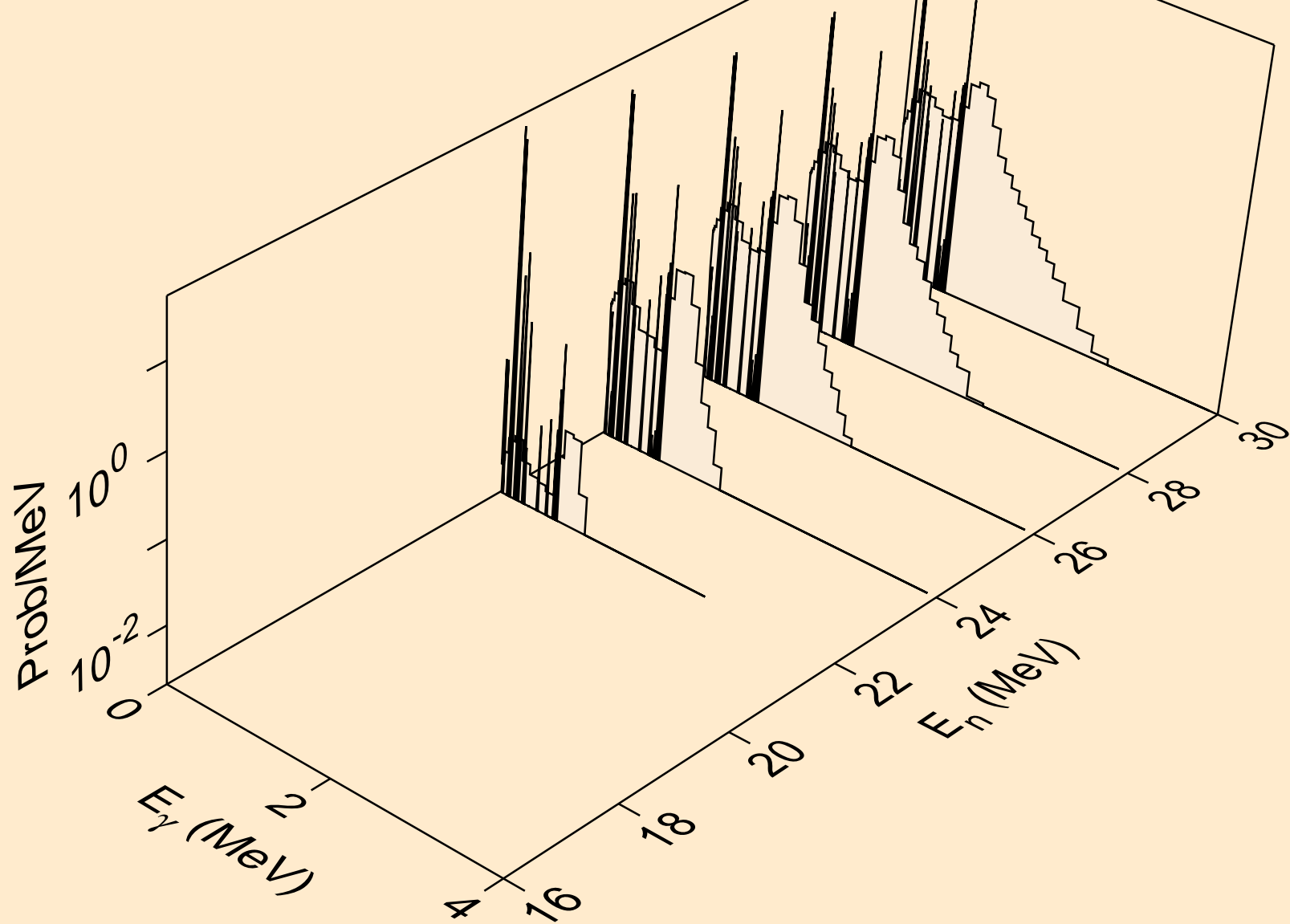
CD119M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



CD119M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

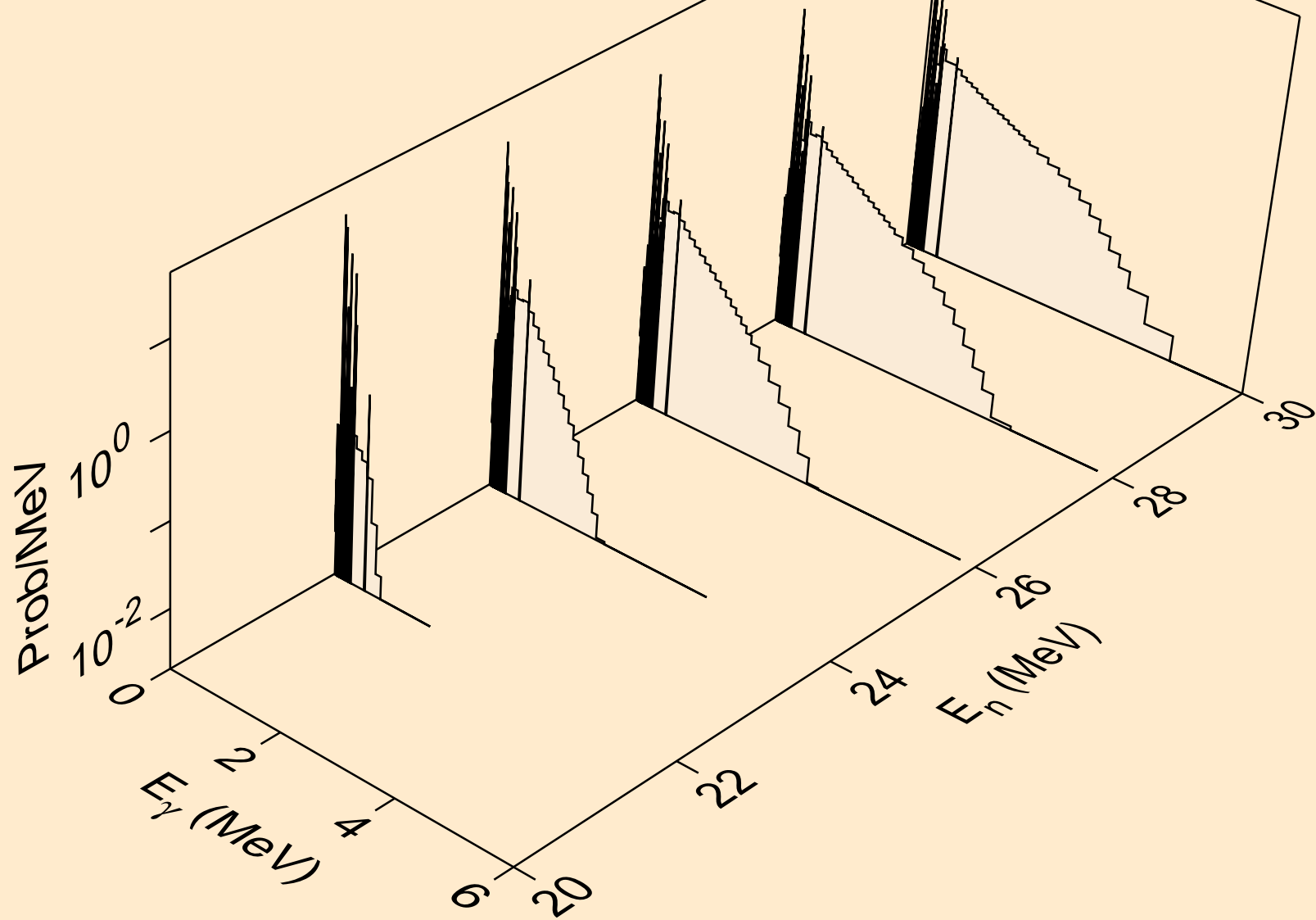


CD119M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3

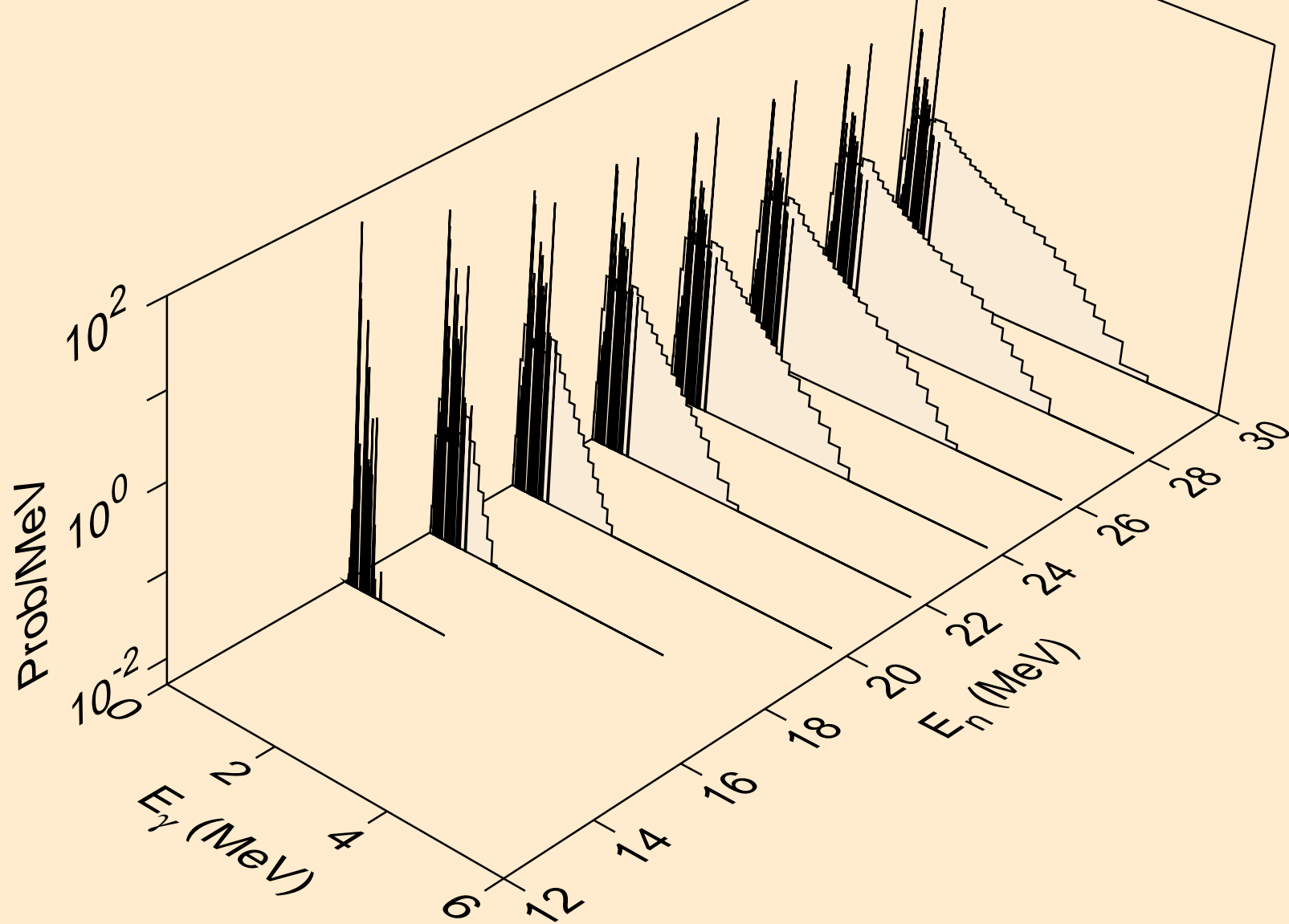




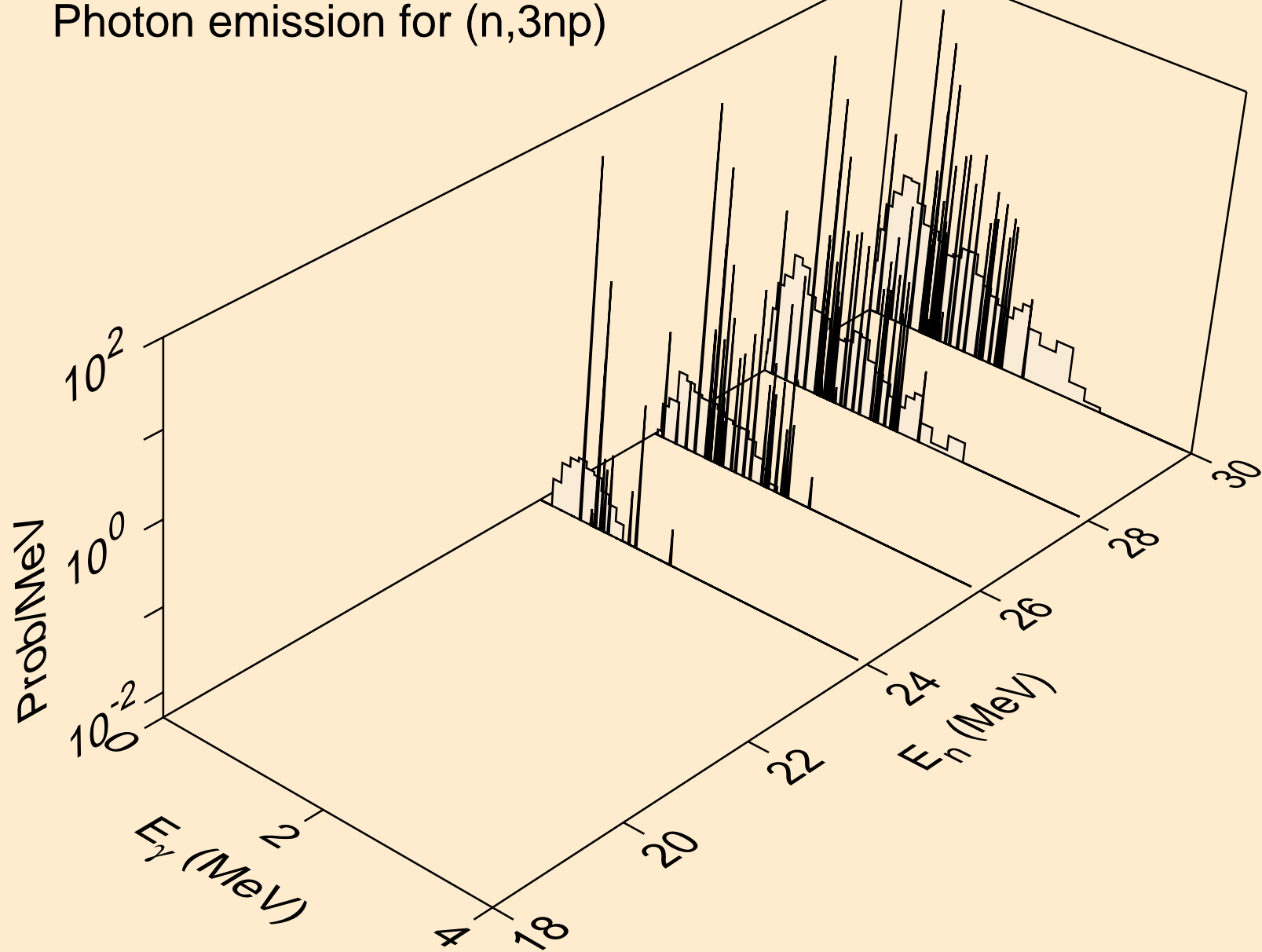
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Photon emission for (n,4n)



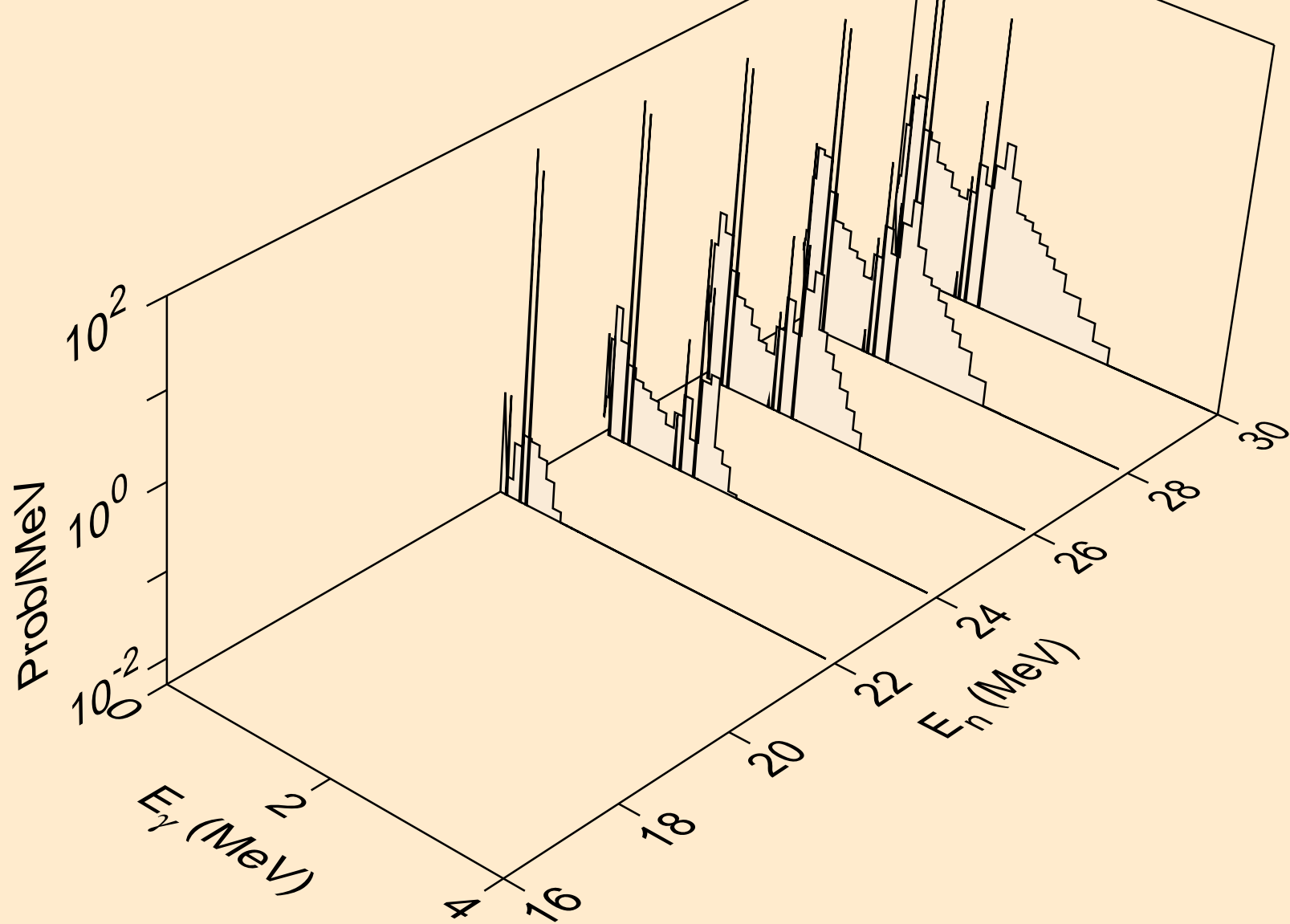
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Photon emission for (n,2np)



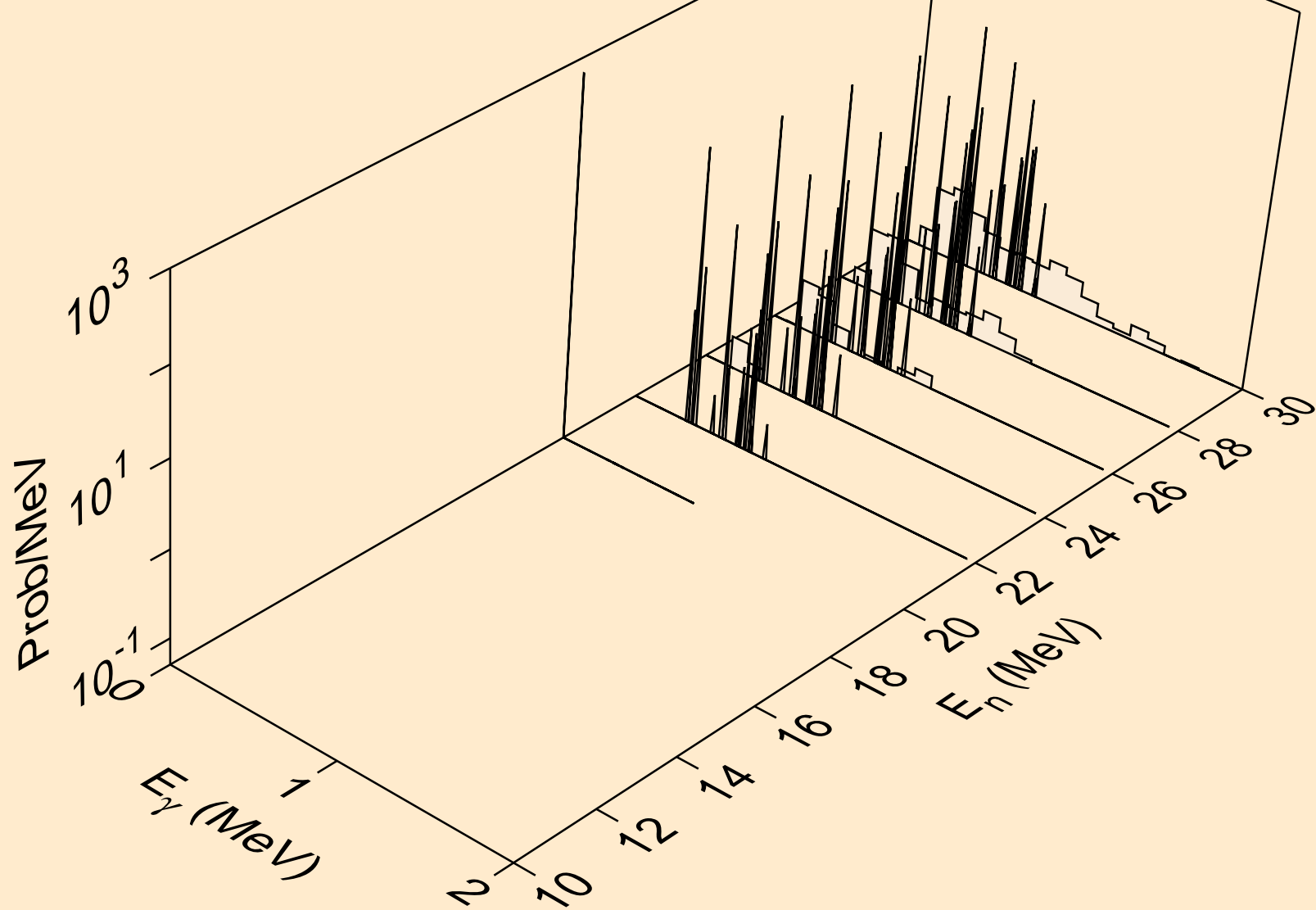
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Photon emission for (n,3np)



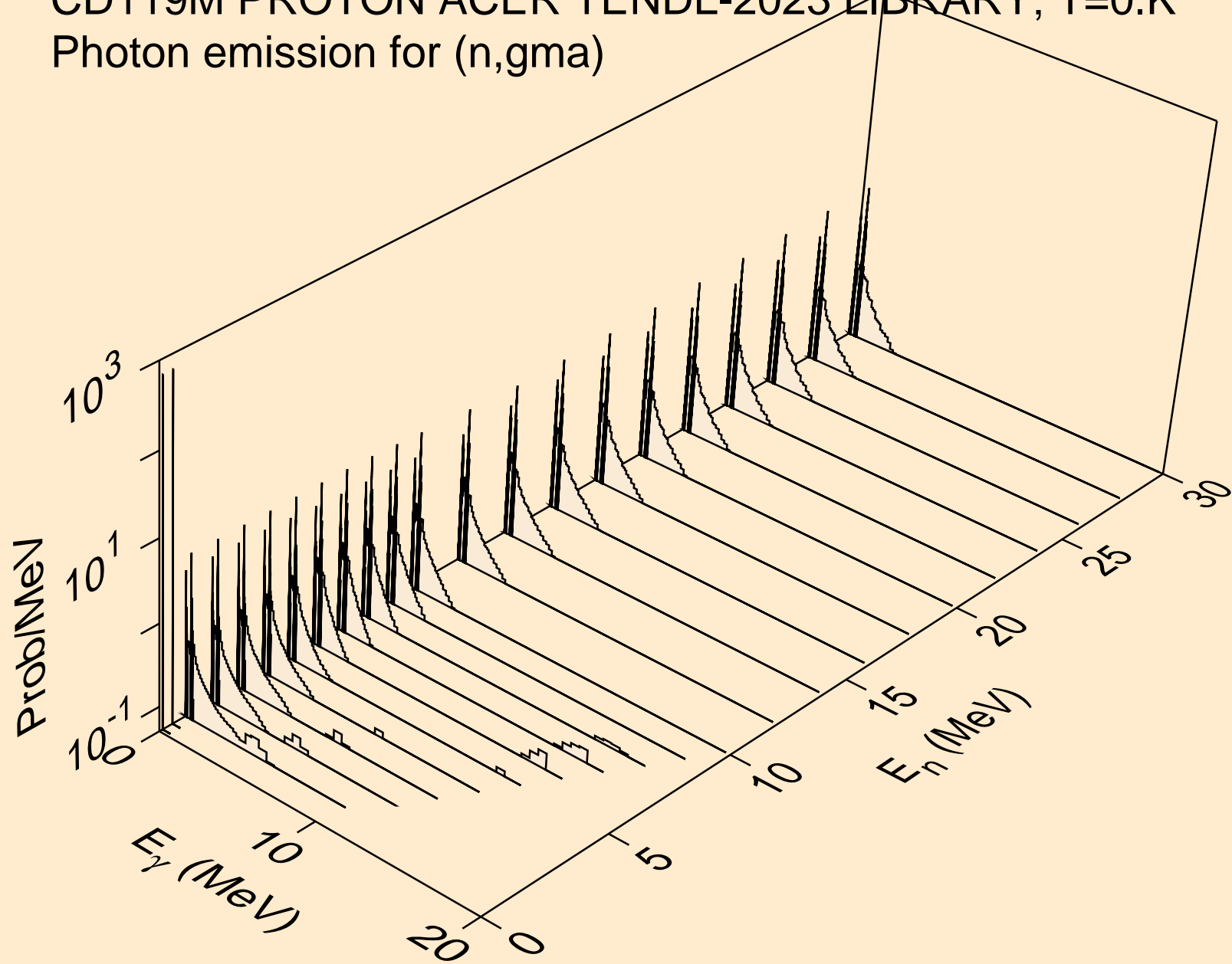
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Photon emission for (n,n2p)



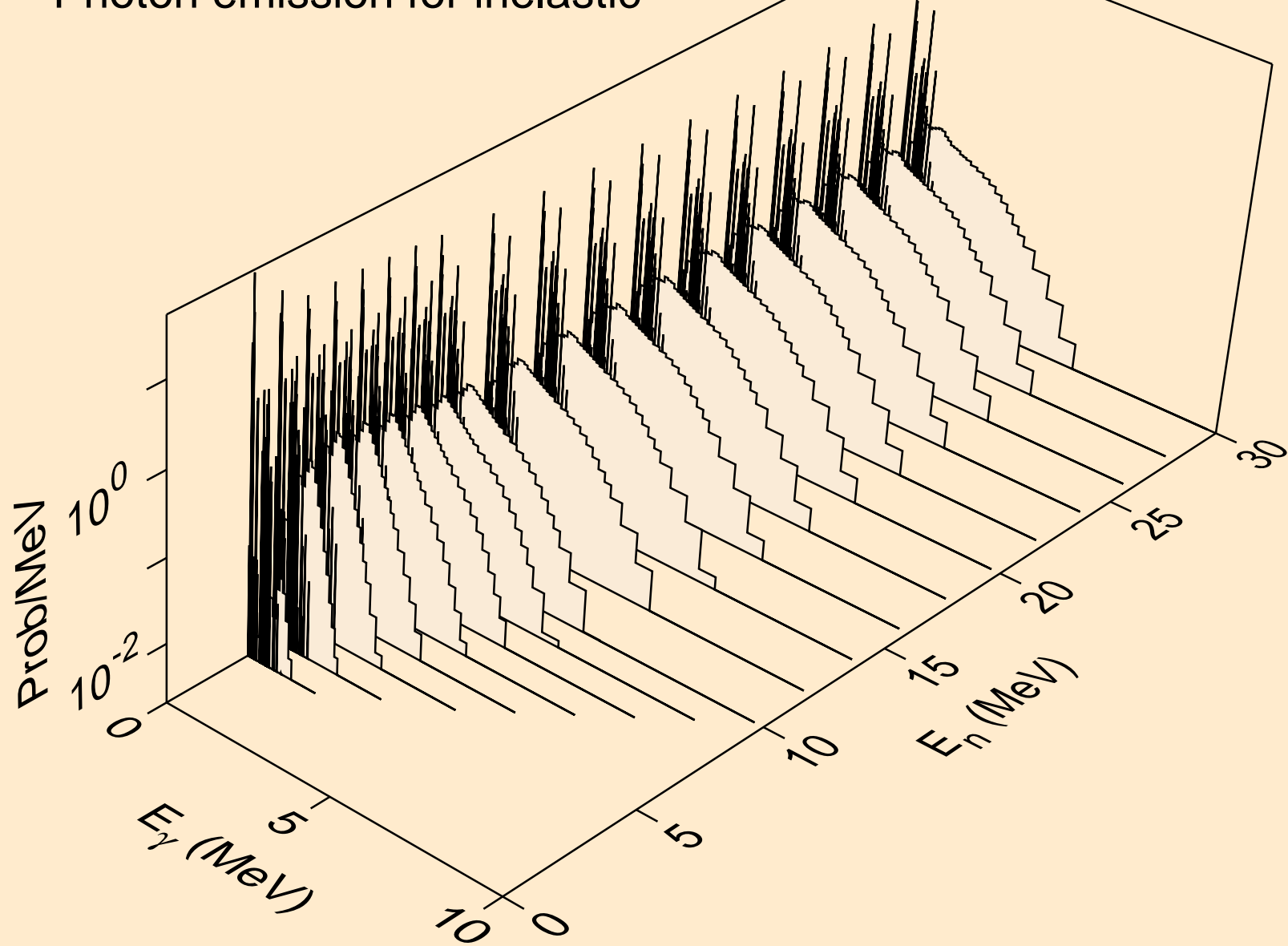
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Photon emission for (n,npa)



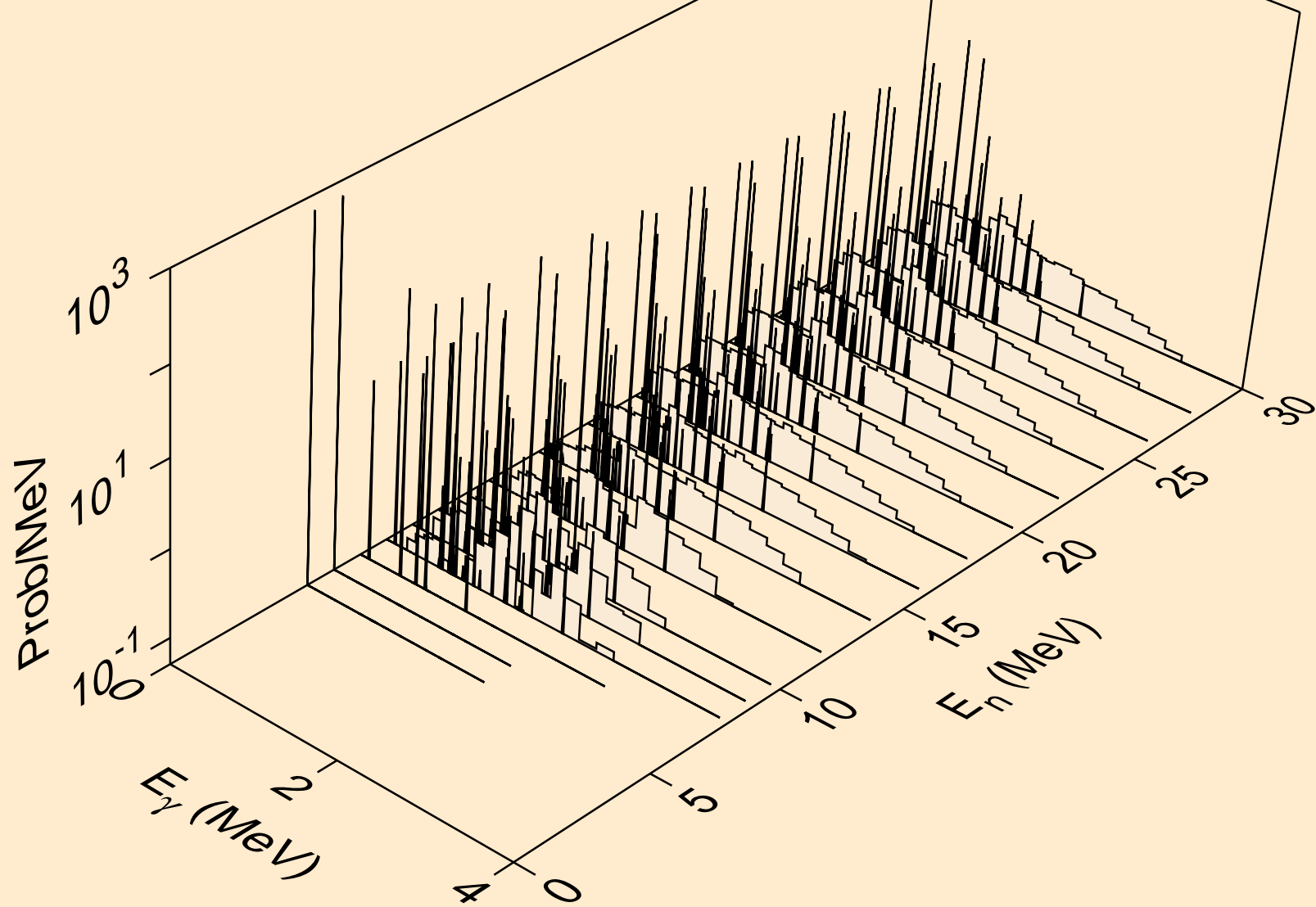
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Photon emission for (n,gma)



CD119M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

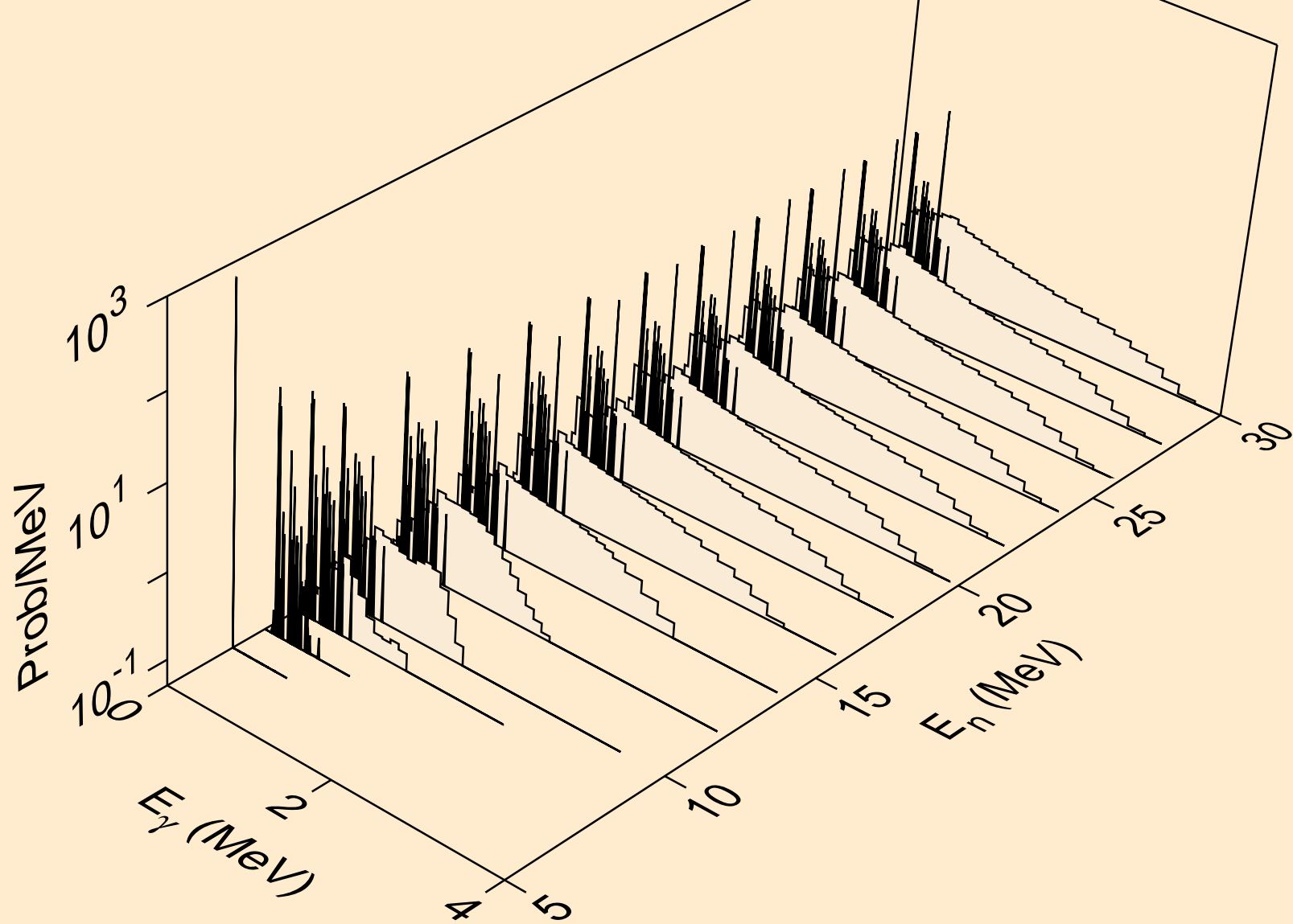


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Photon emission for (n,d)

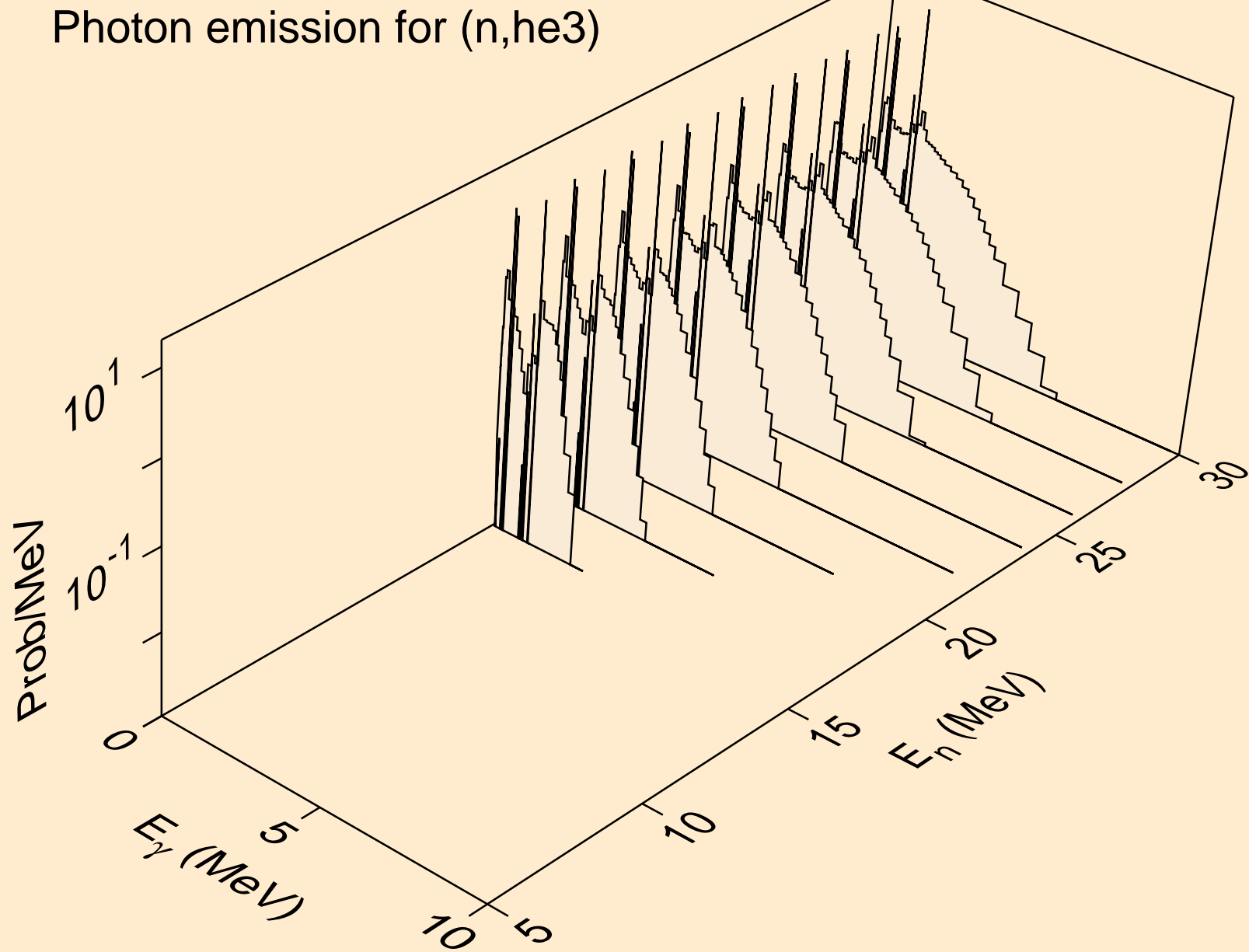




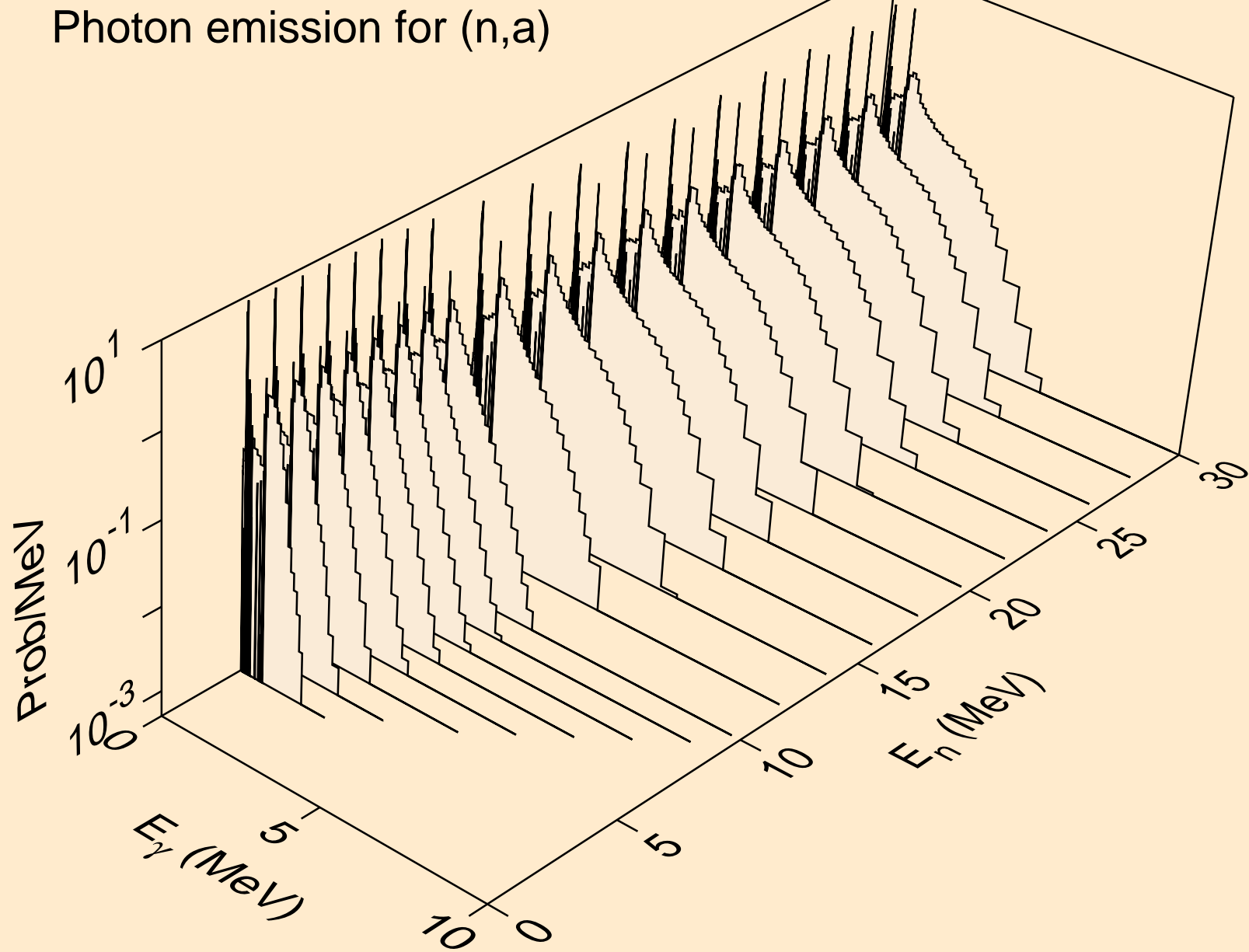
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Photon emission for (n,t)



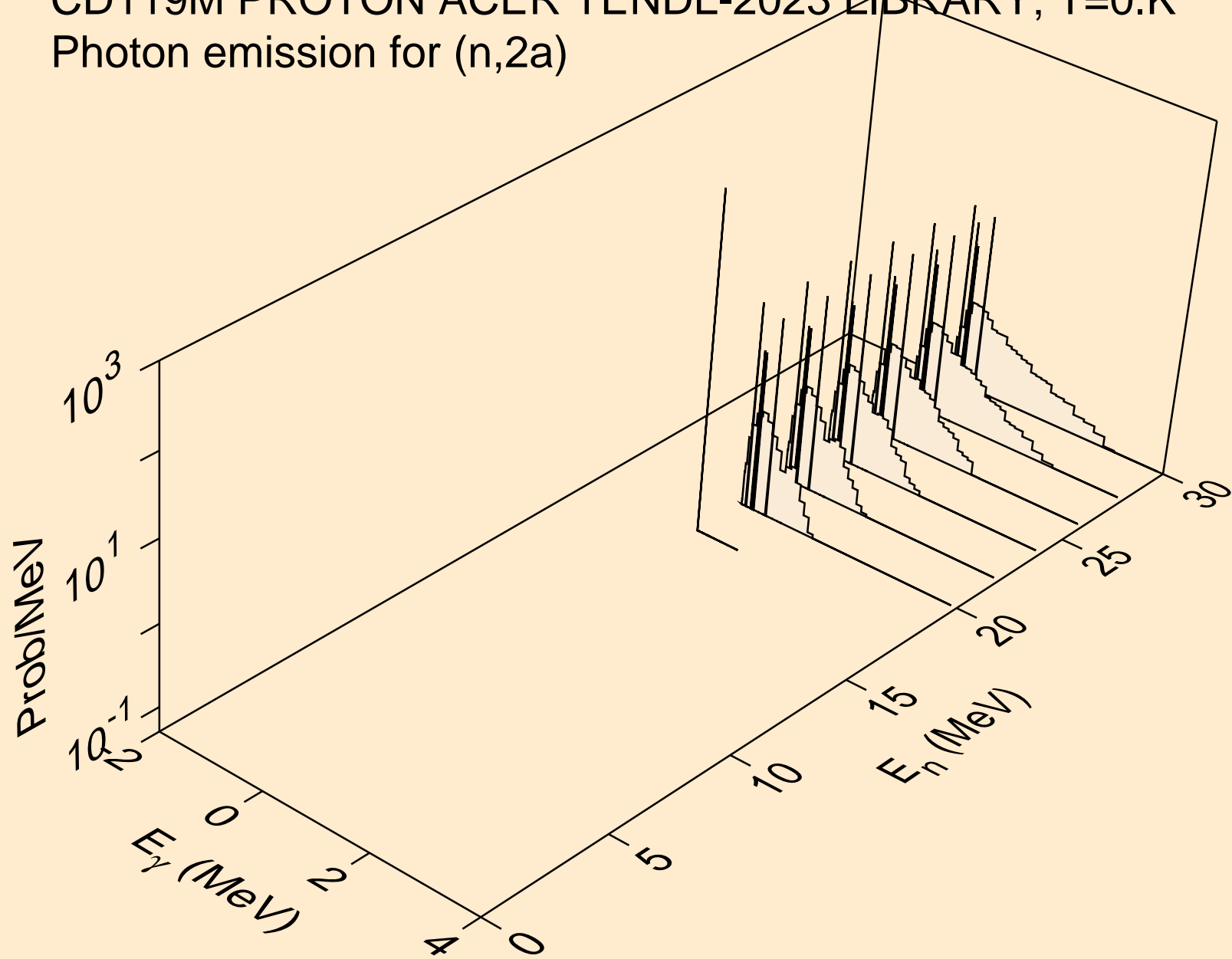
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Photon emission for (n,he3)



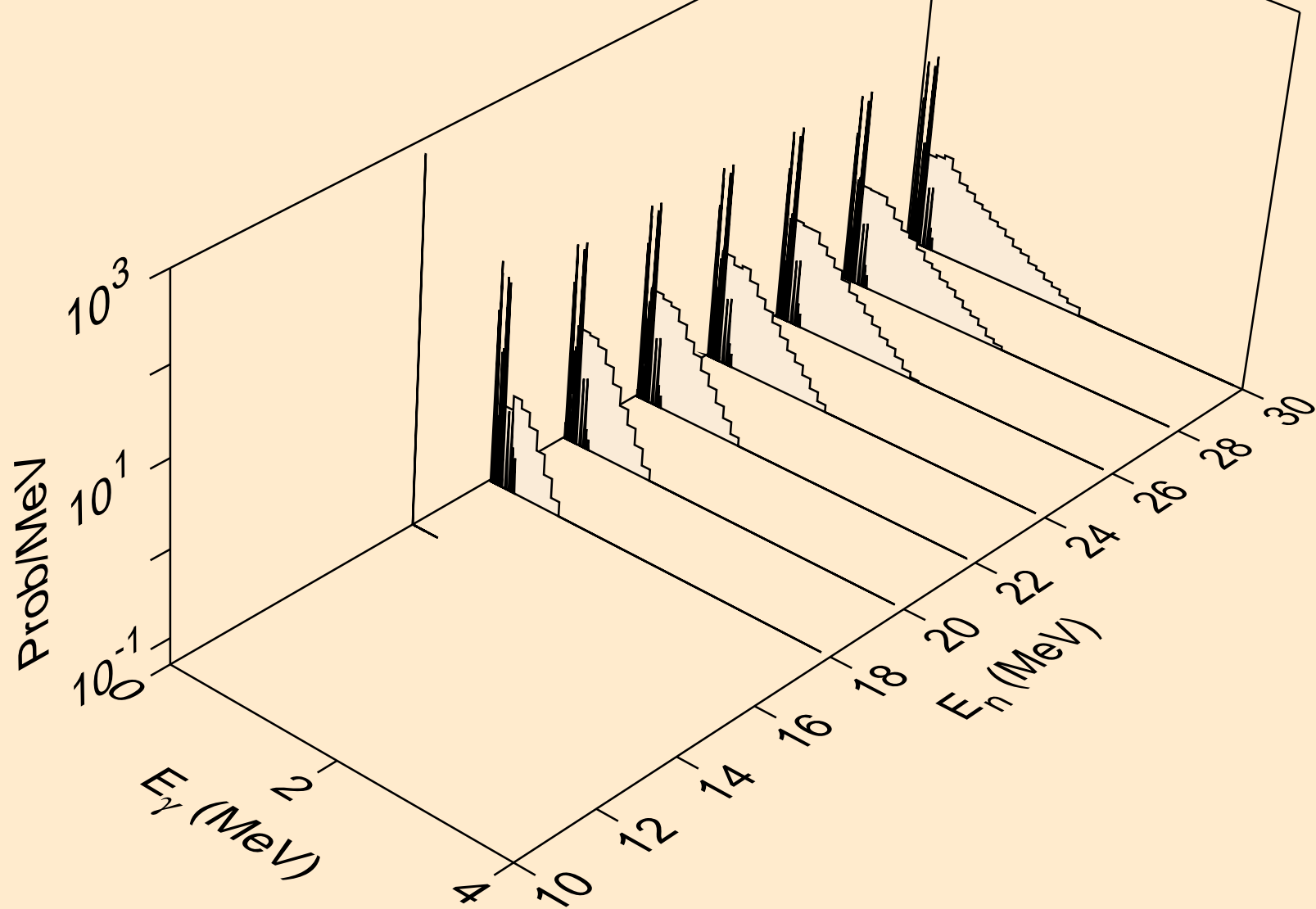
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Photon emission for (n,a)



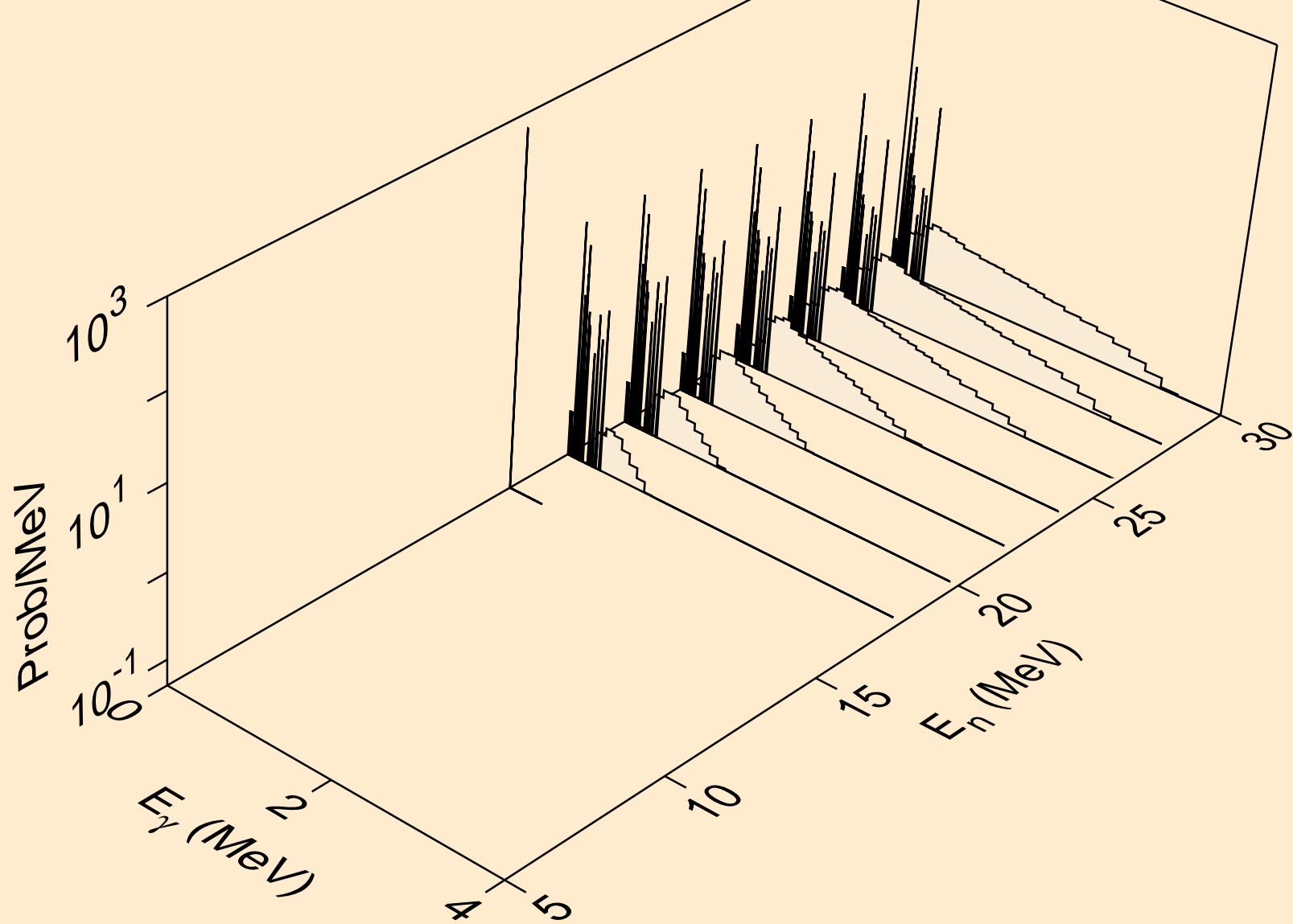
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Photon emission for (n,2a)



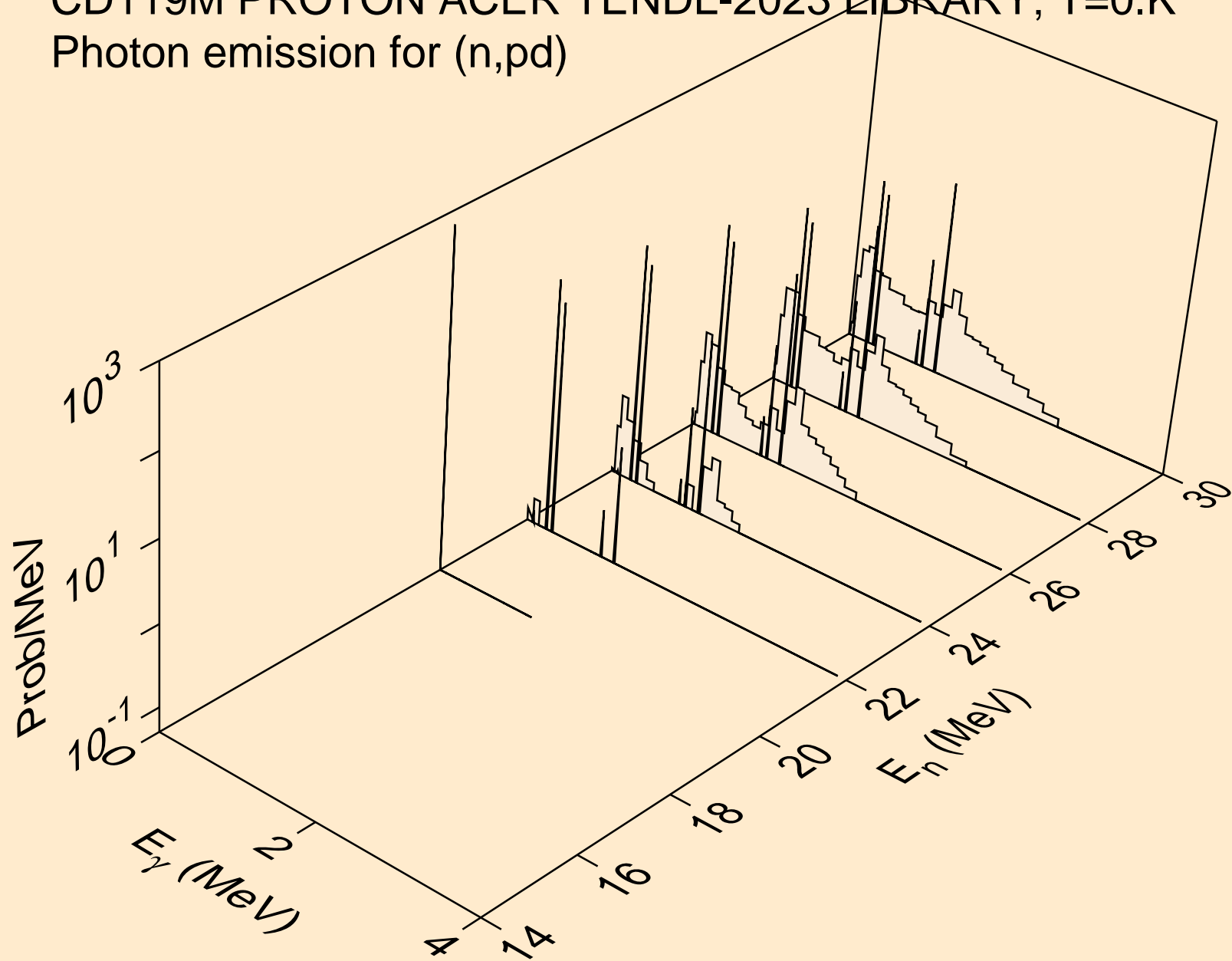
CD119M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



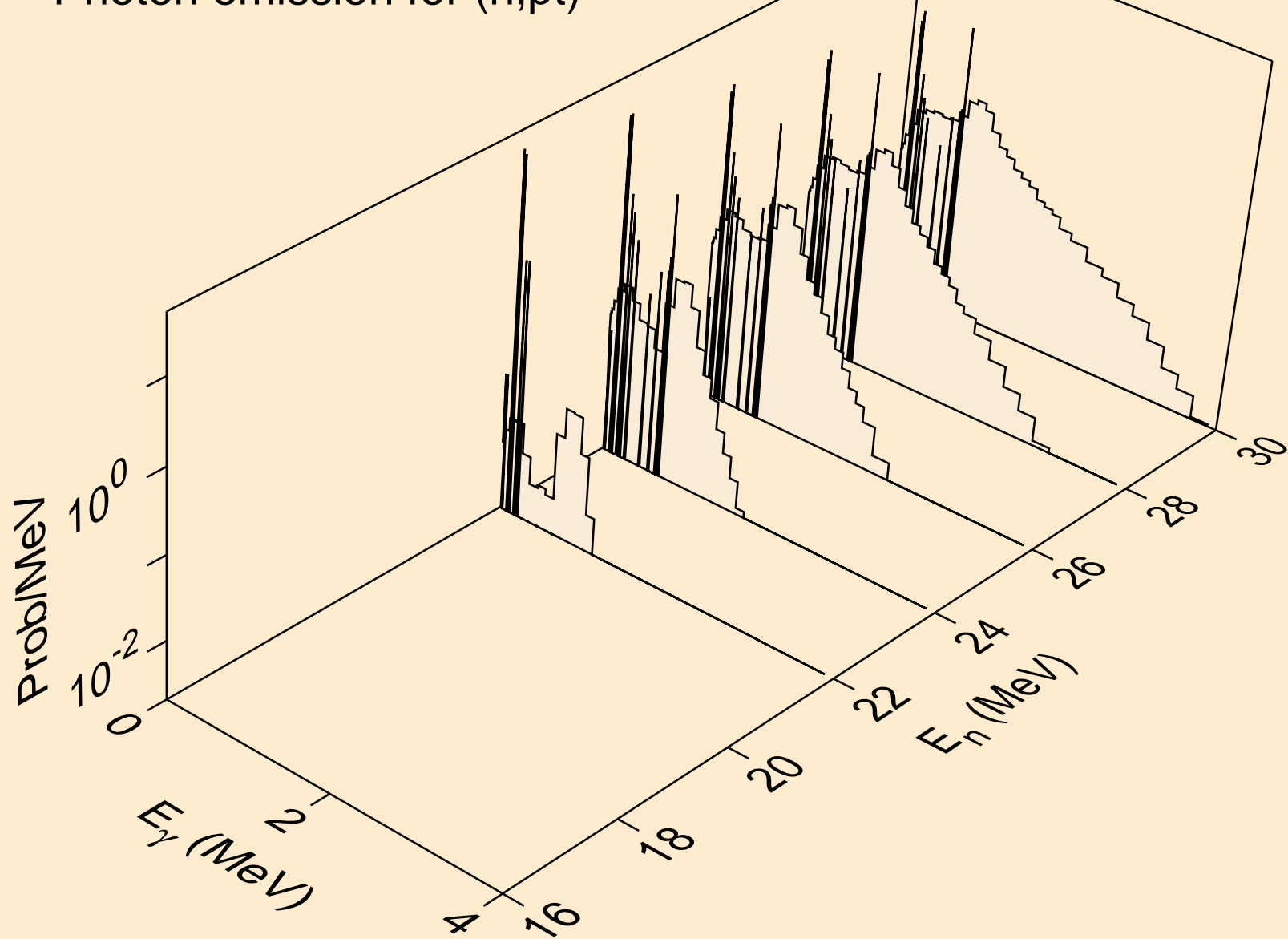
CD119M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



CD119M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



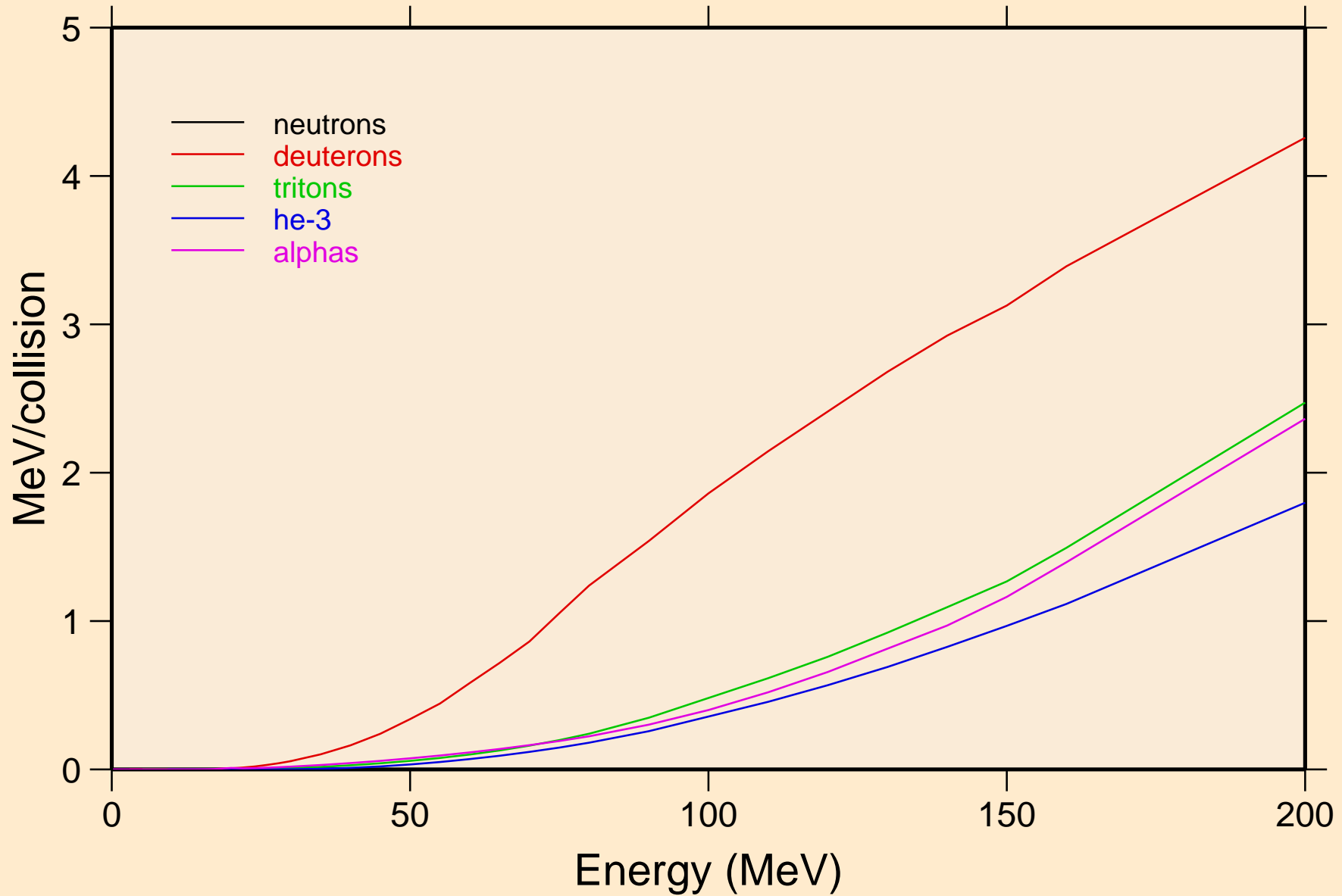
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Photon emission for (n,pt)



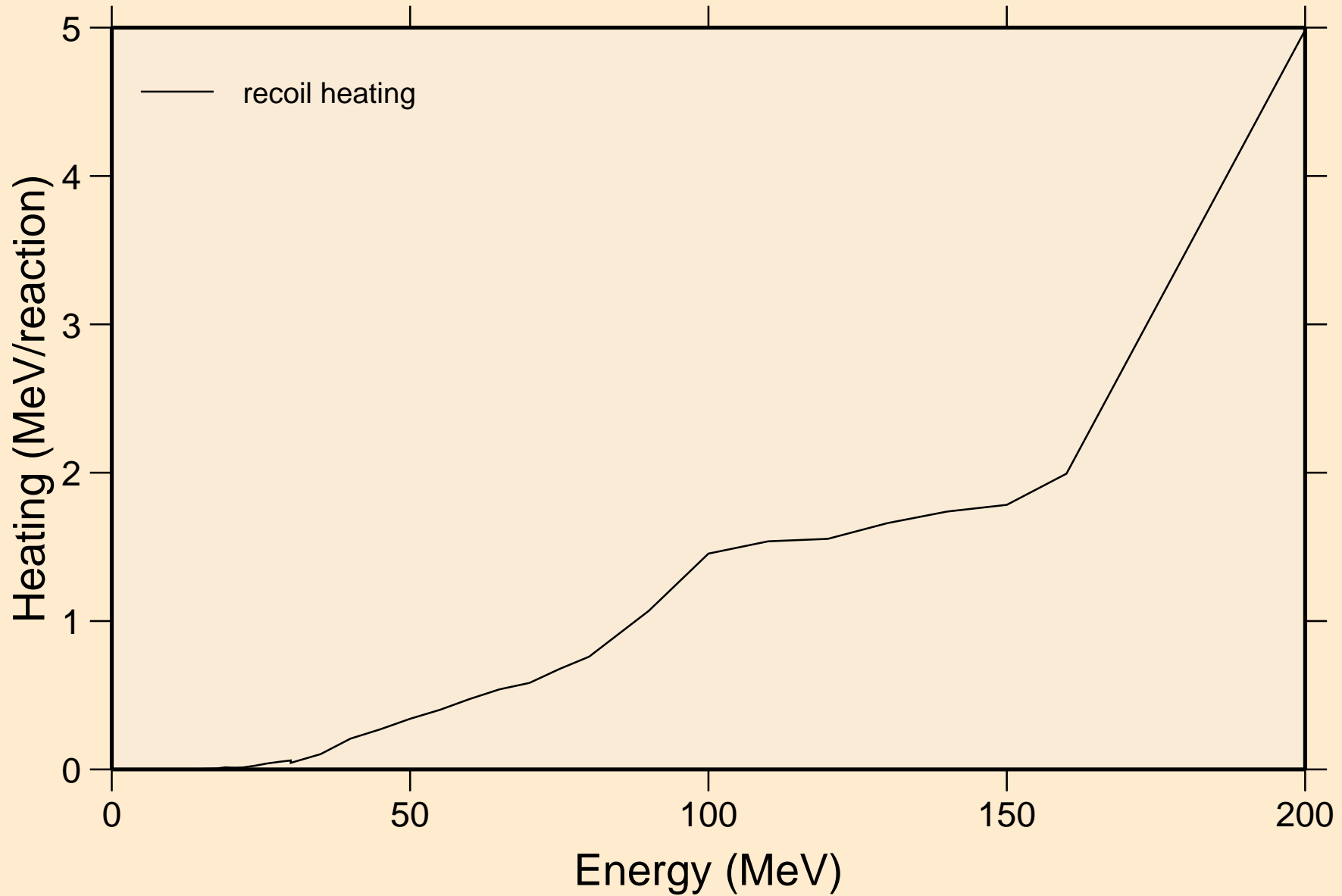


# CD119M PROTON ACER TENDL-2023 LIBRARY; T=0.K

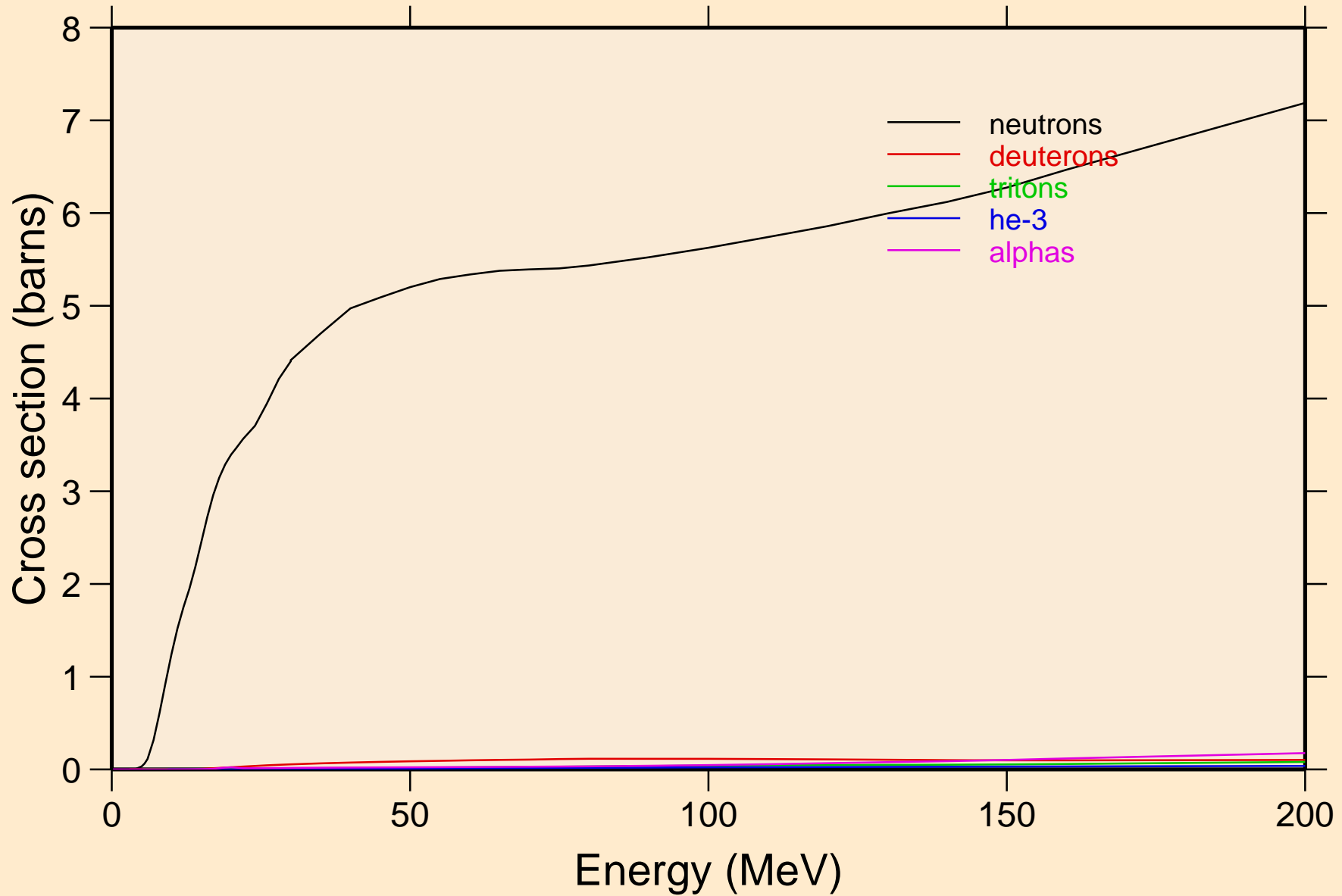
## Particle heating contributions



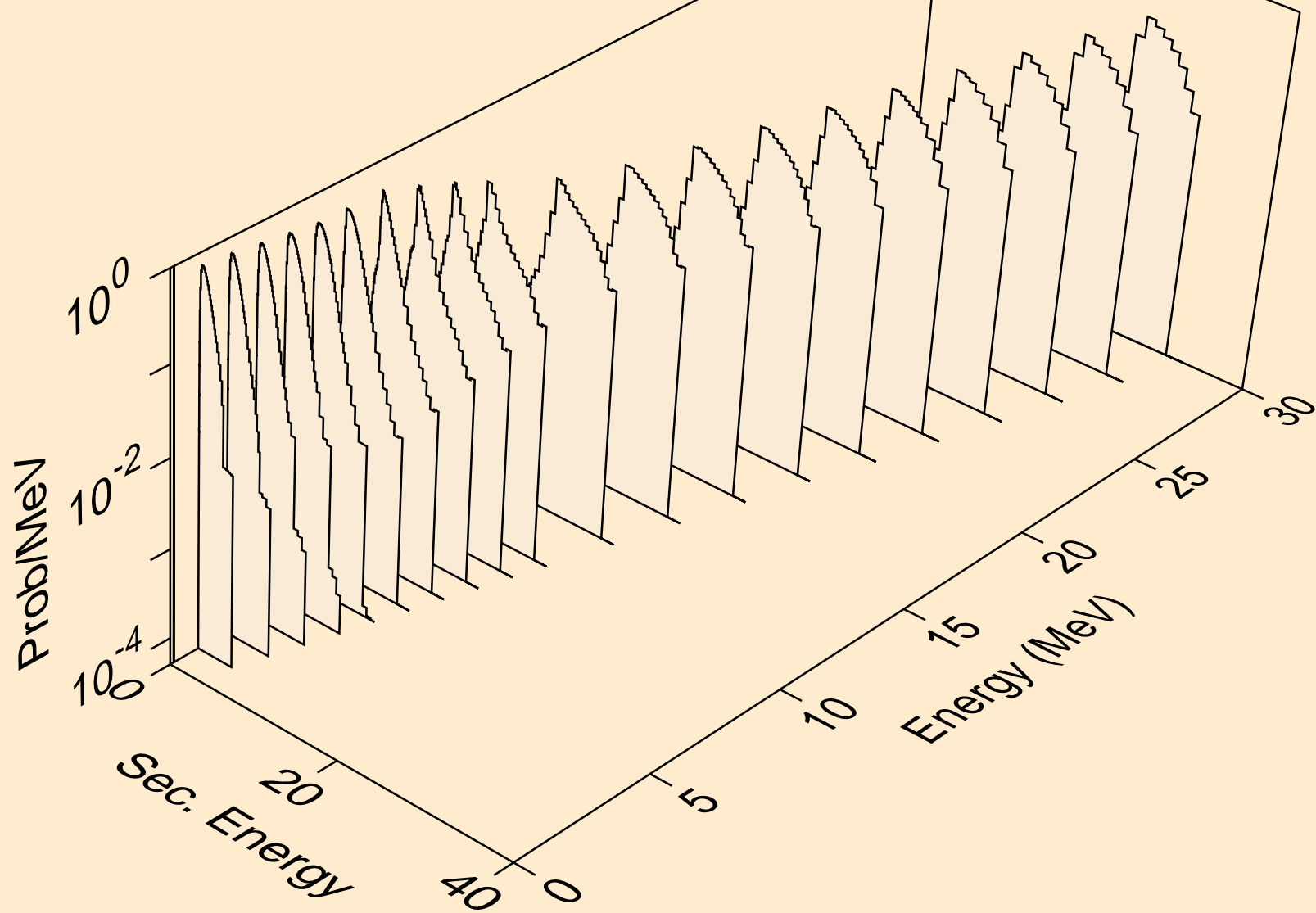
CD119M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



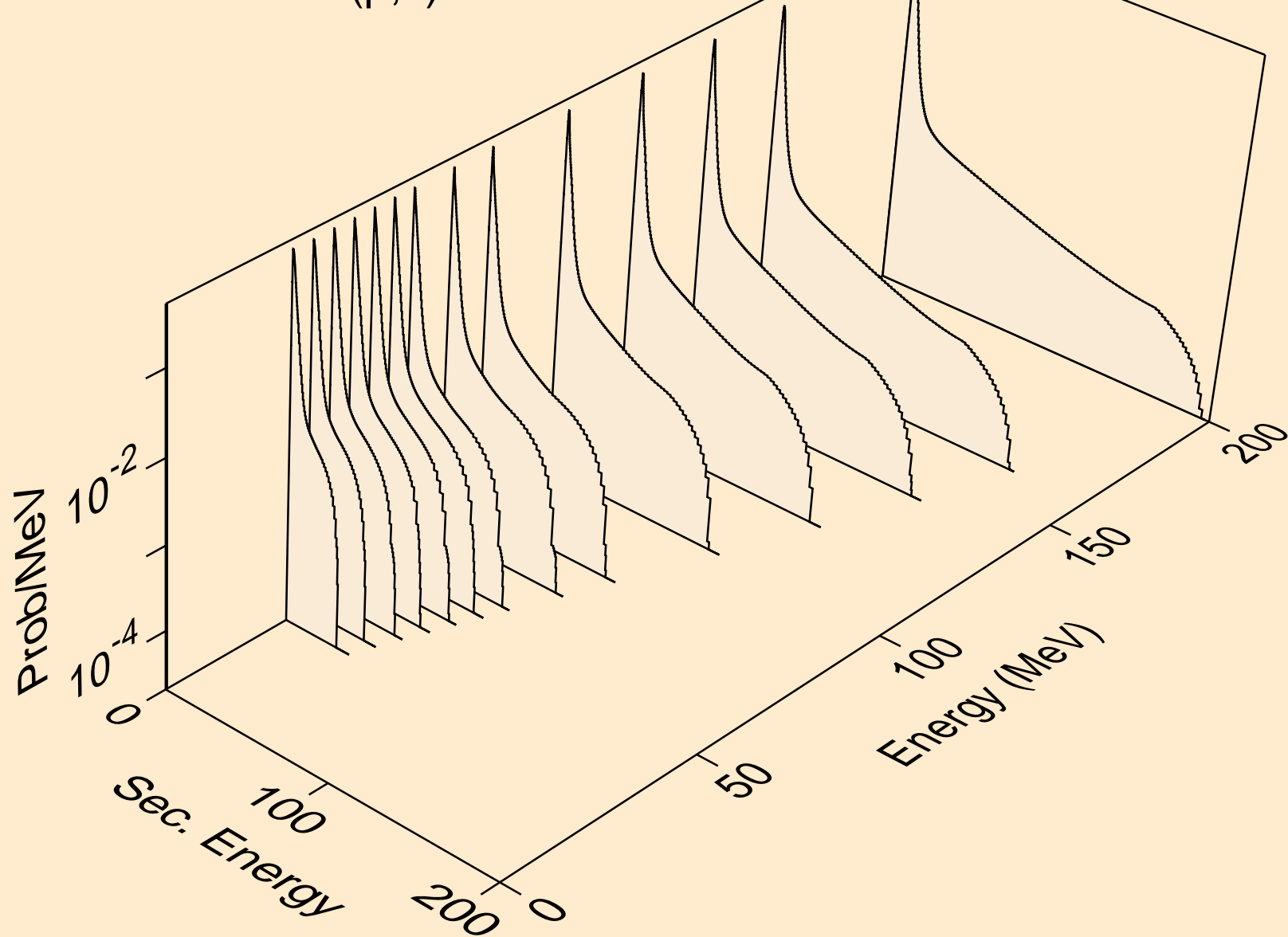
CD119M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



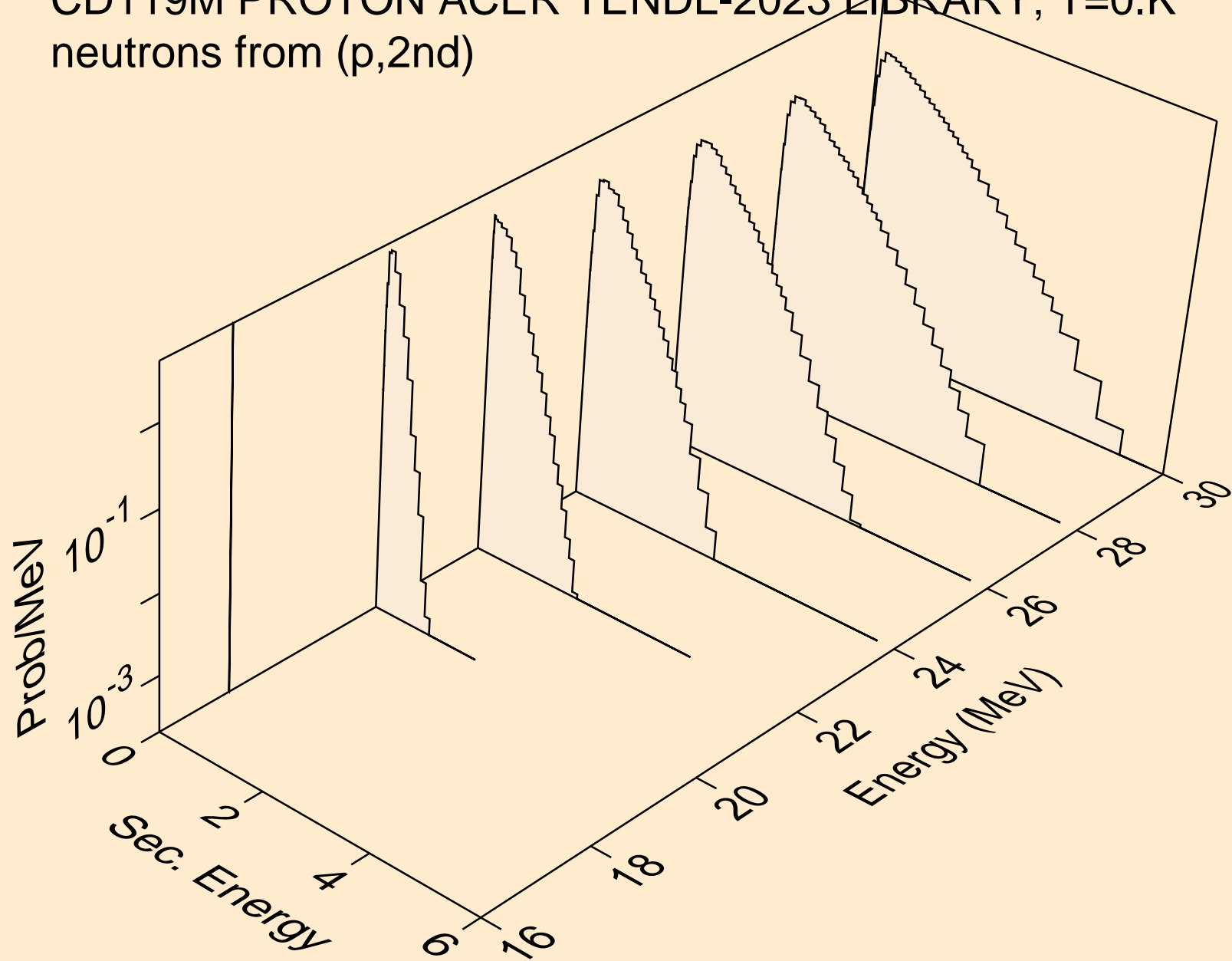
CD119M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



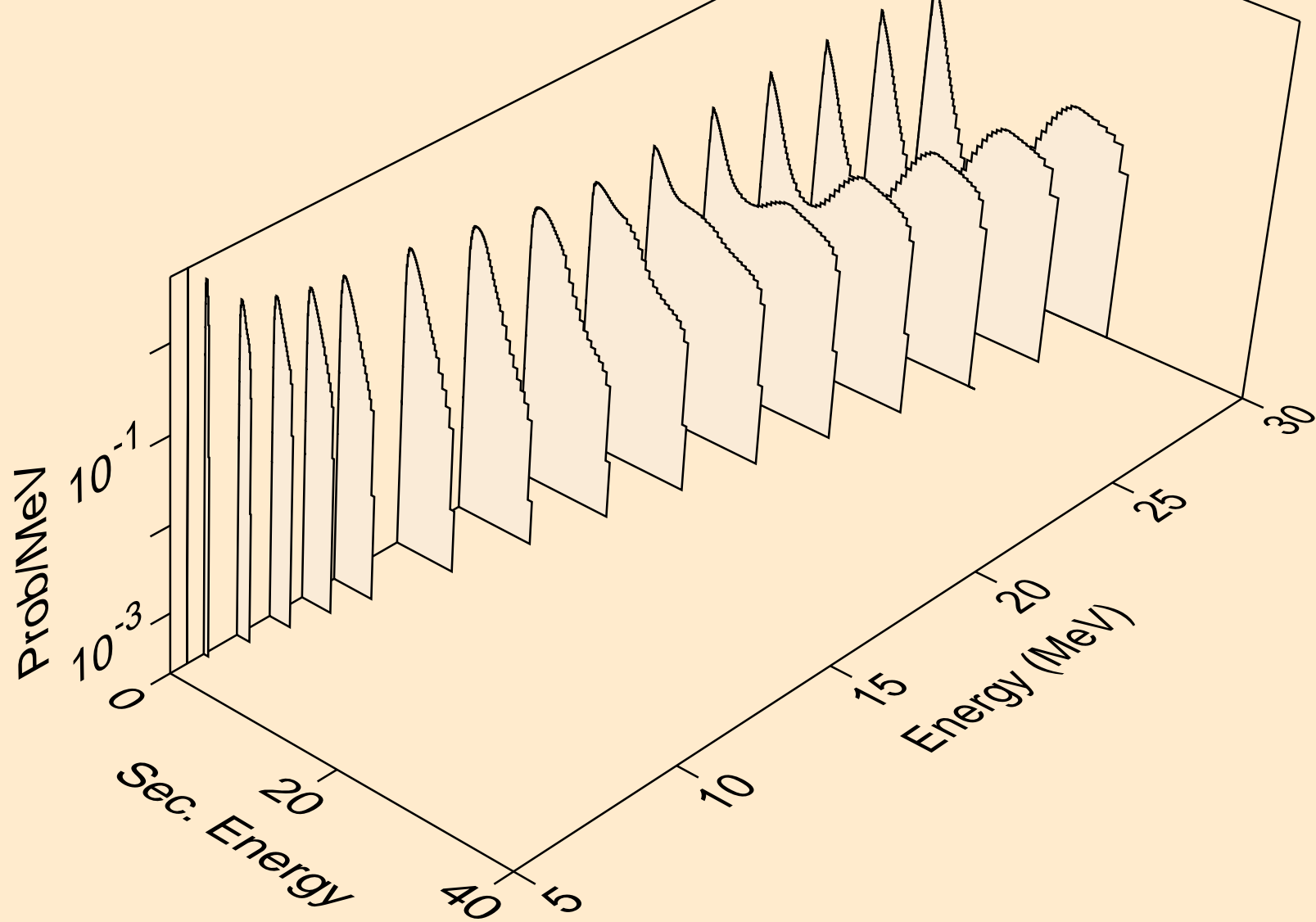
CD119M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)



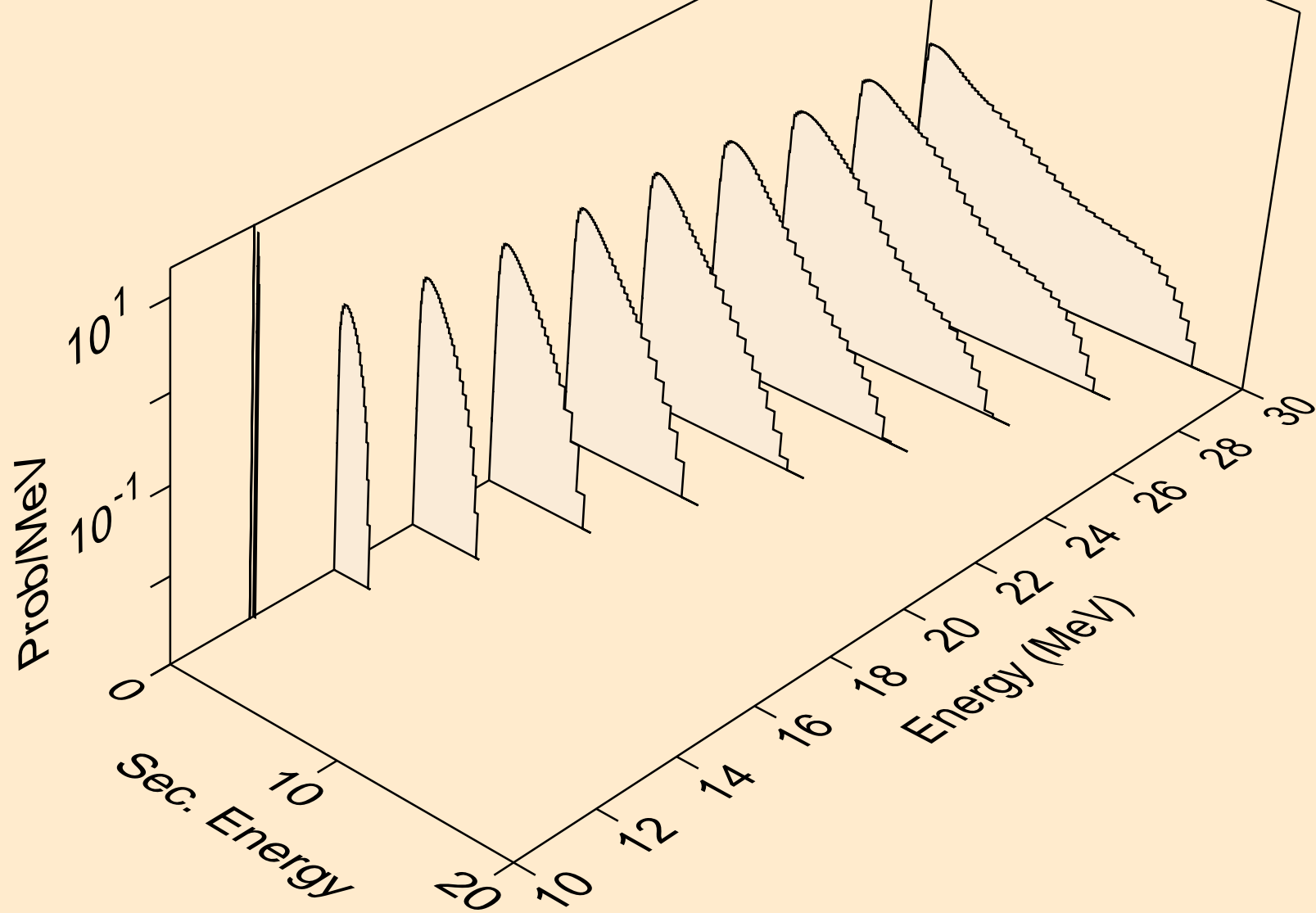
CD119M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2nd)



CD119M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)

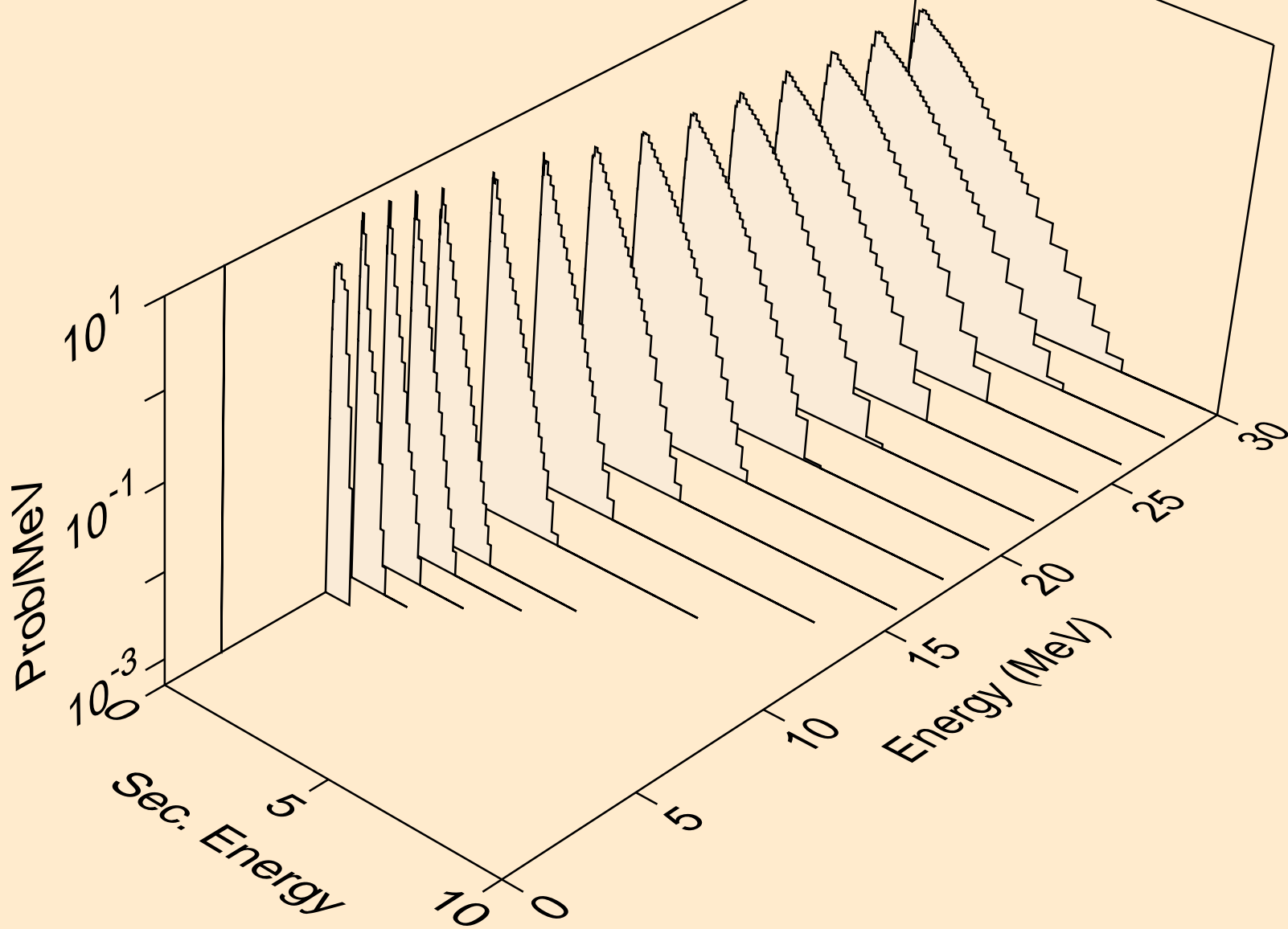


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neutrons from (p,3n)

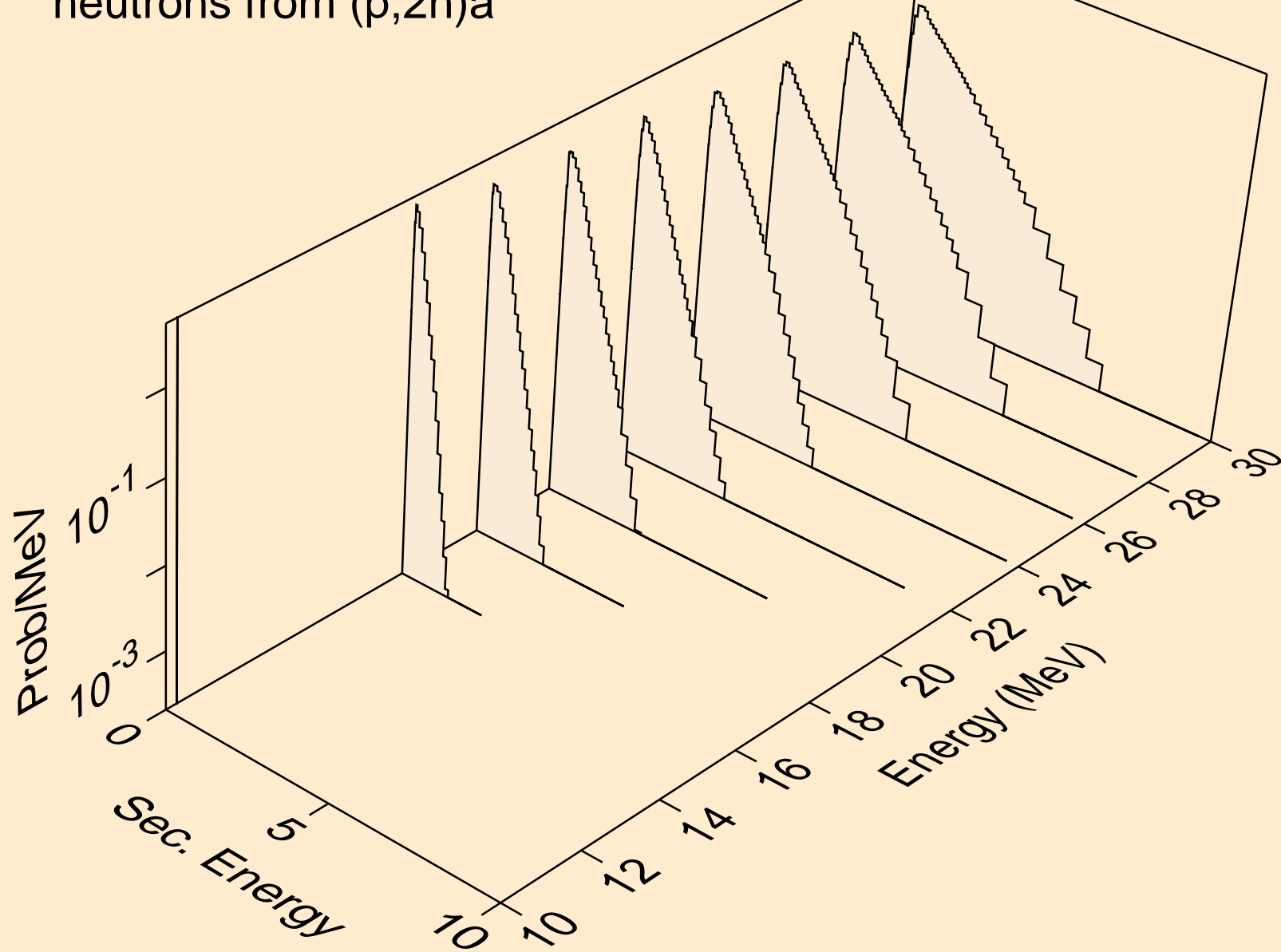




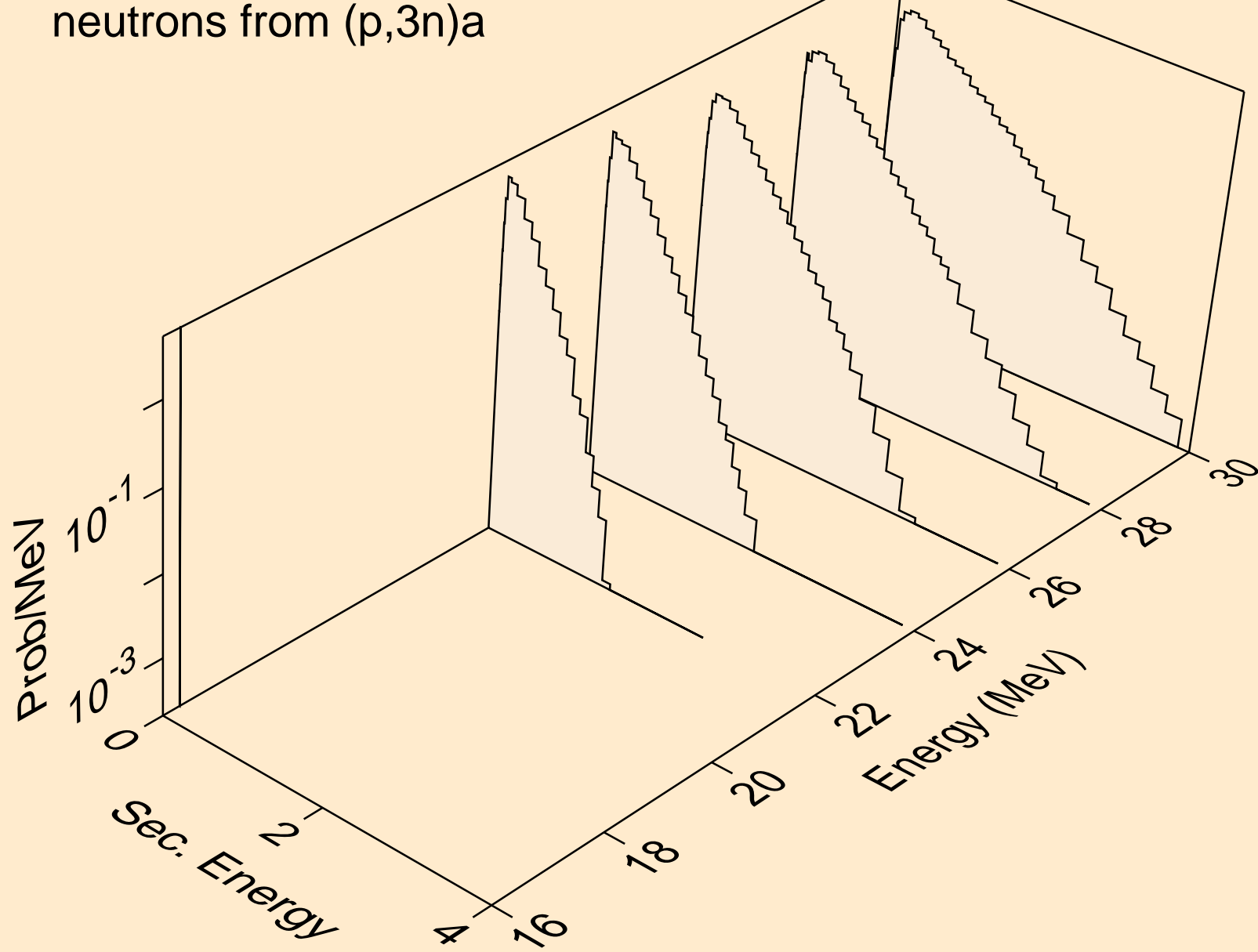
CD119M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



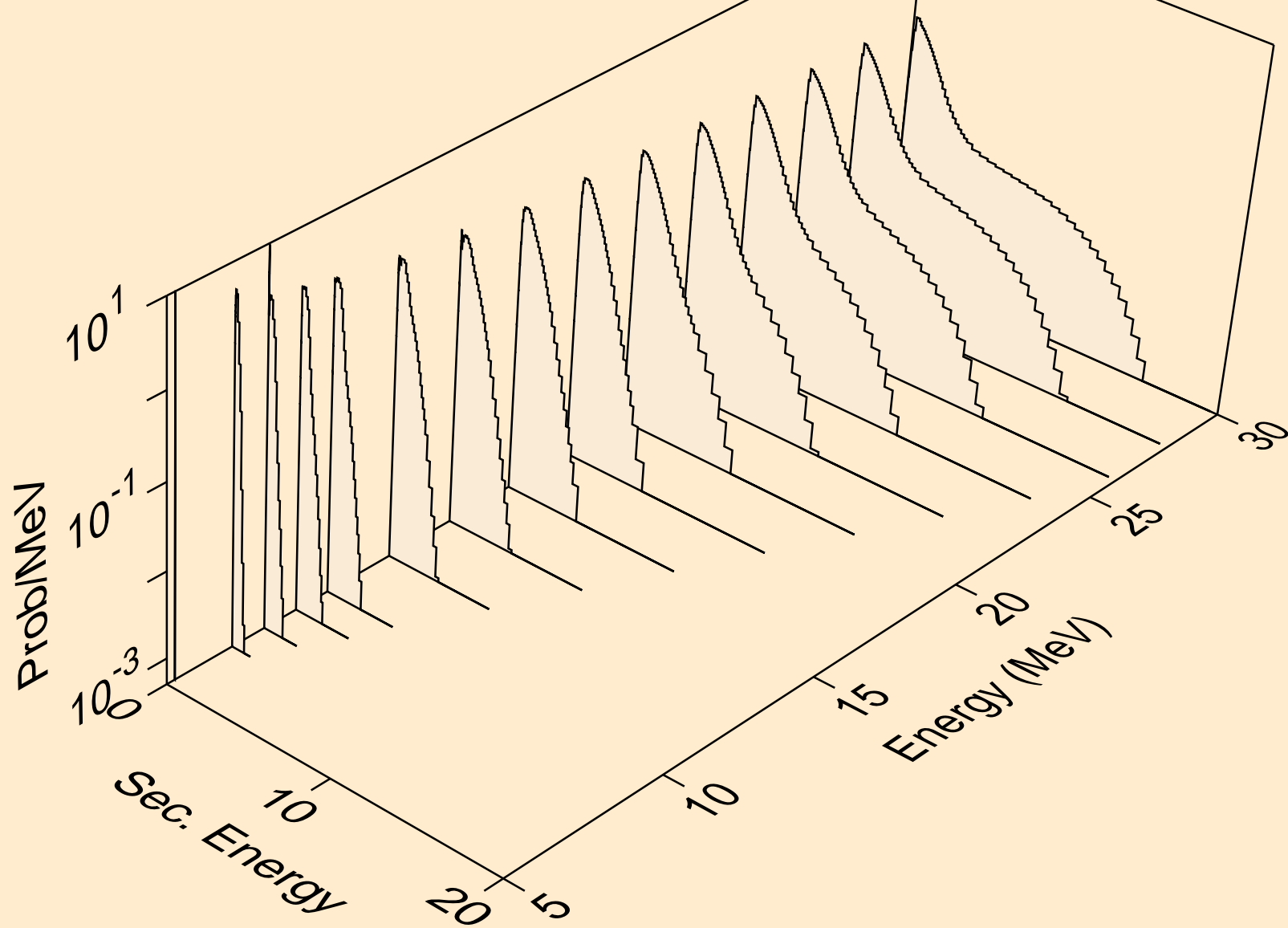
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neutrons from (p,2n)a



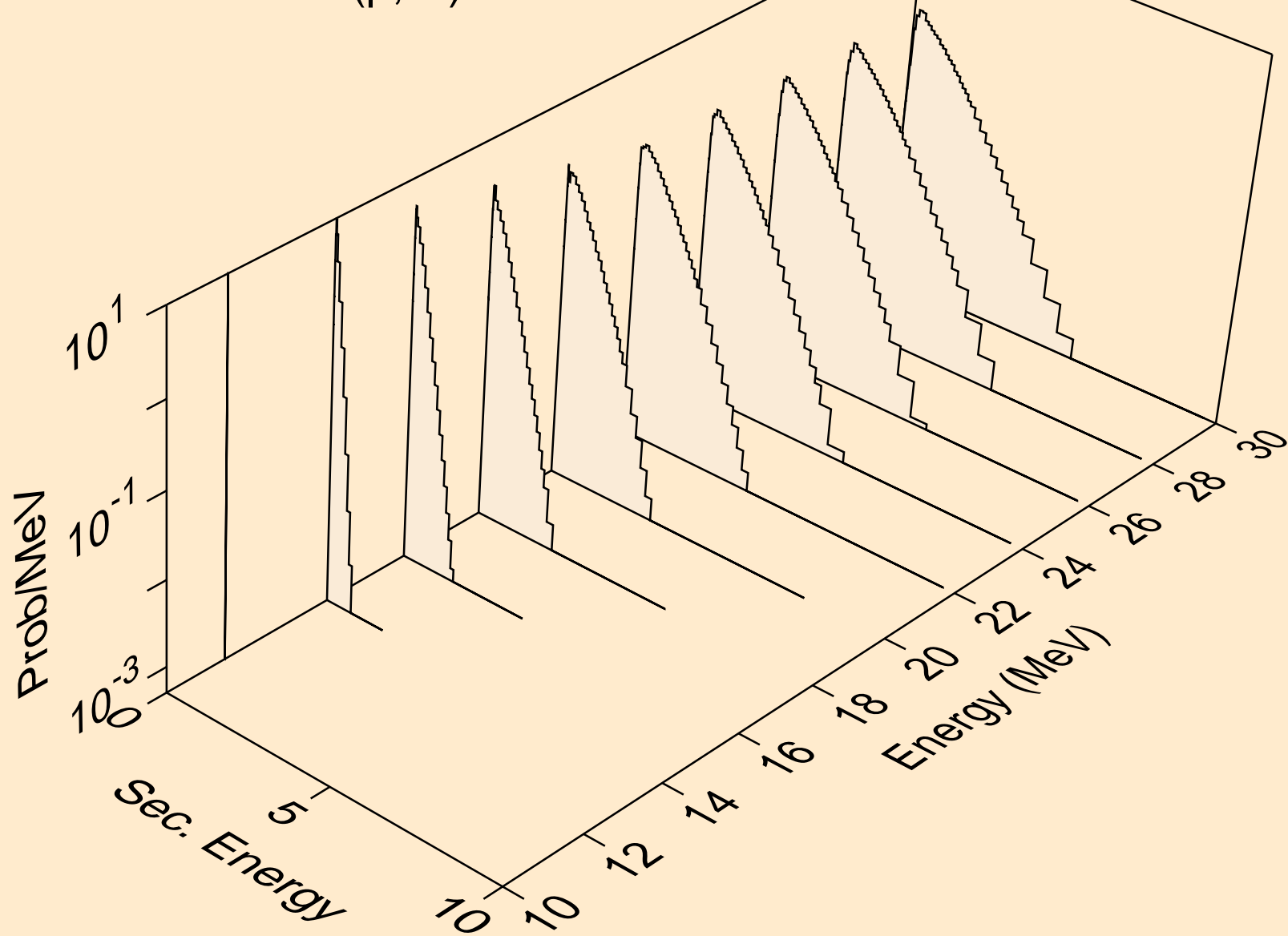
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neutrons from (p,3n)a



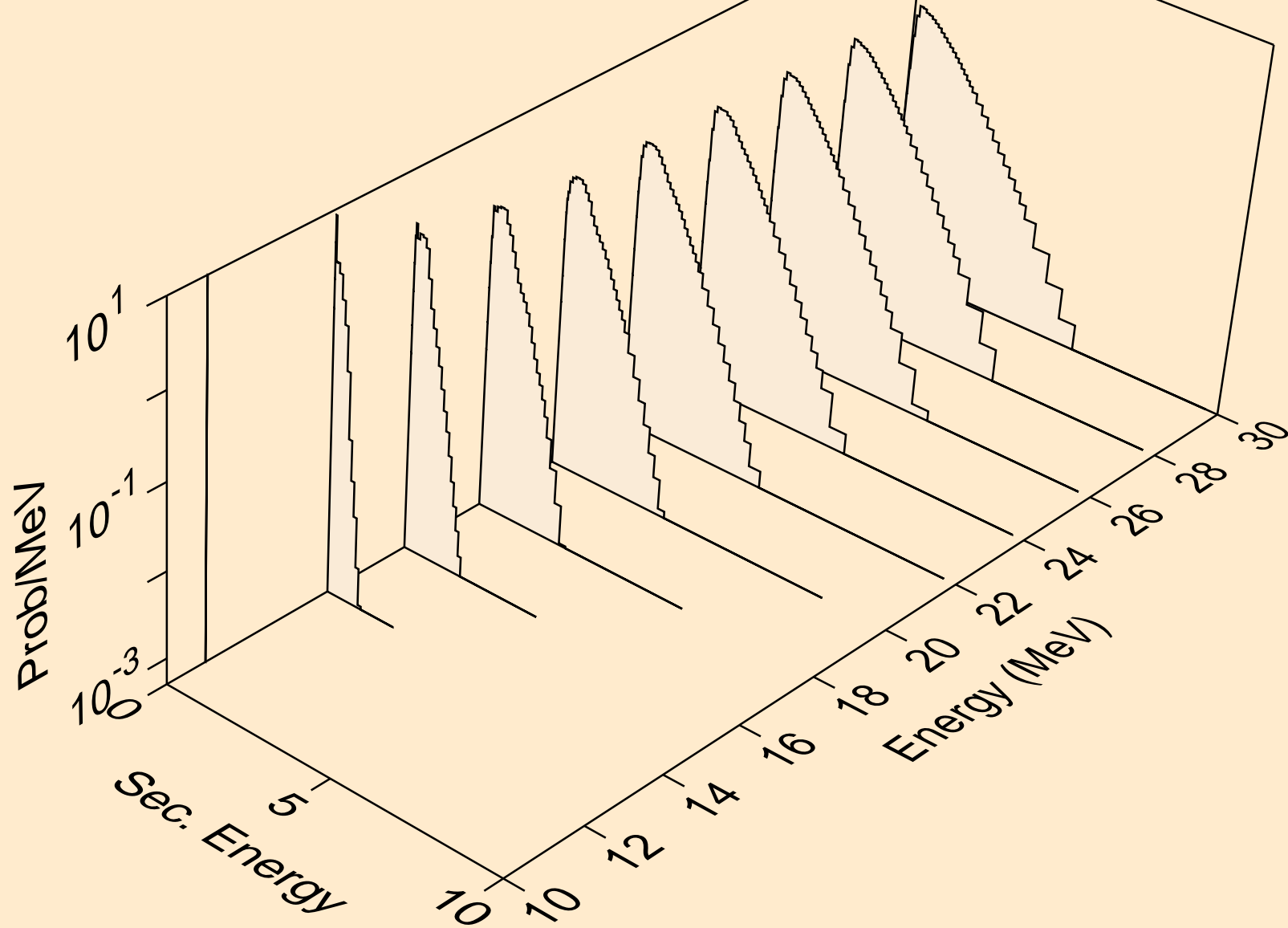
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neutrons from (p,n\*)p



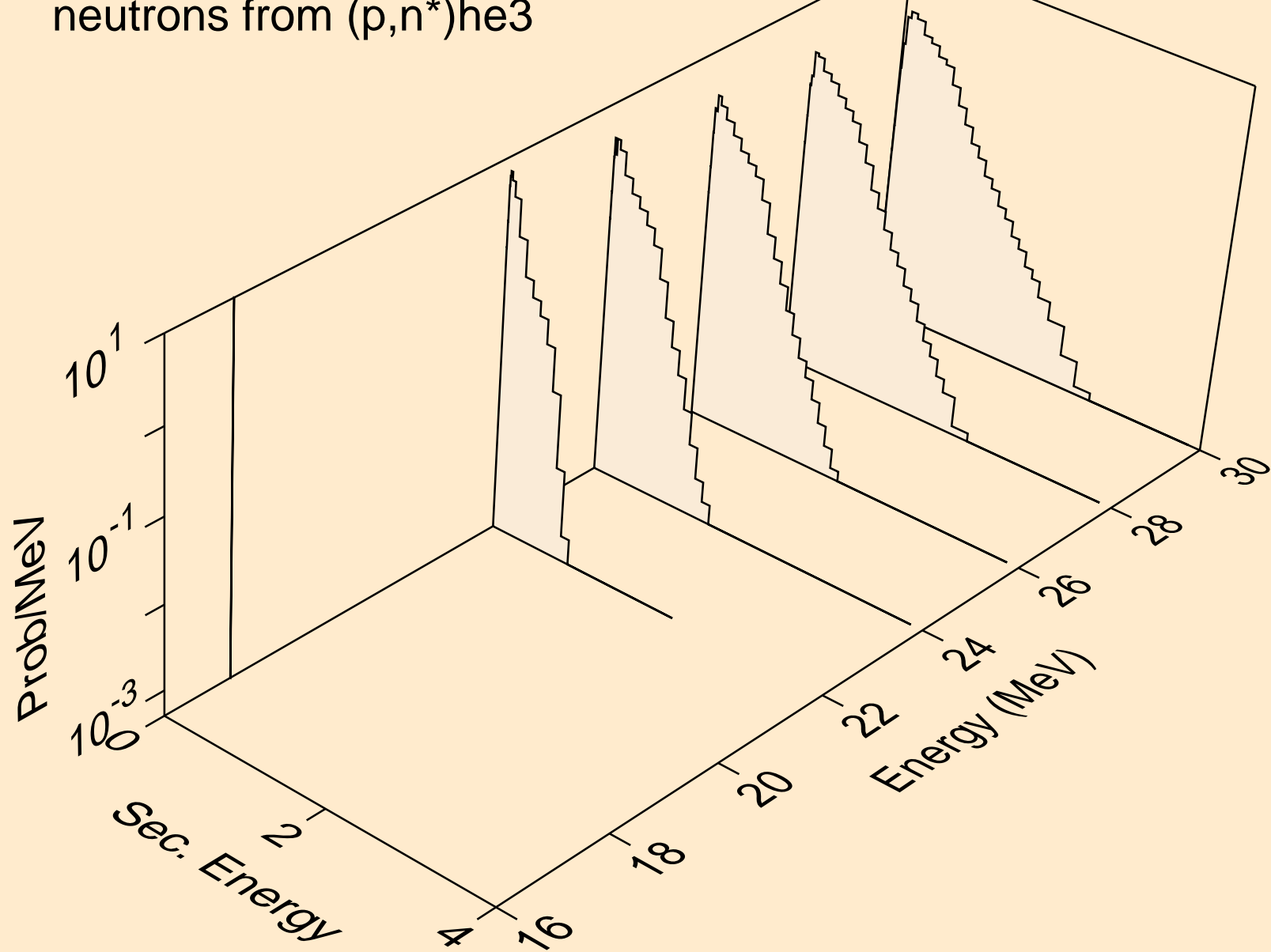
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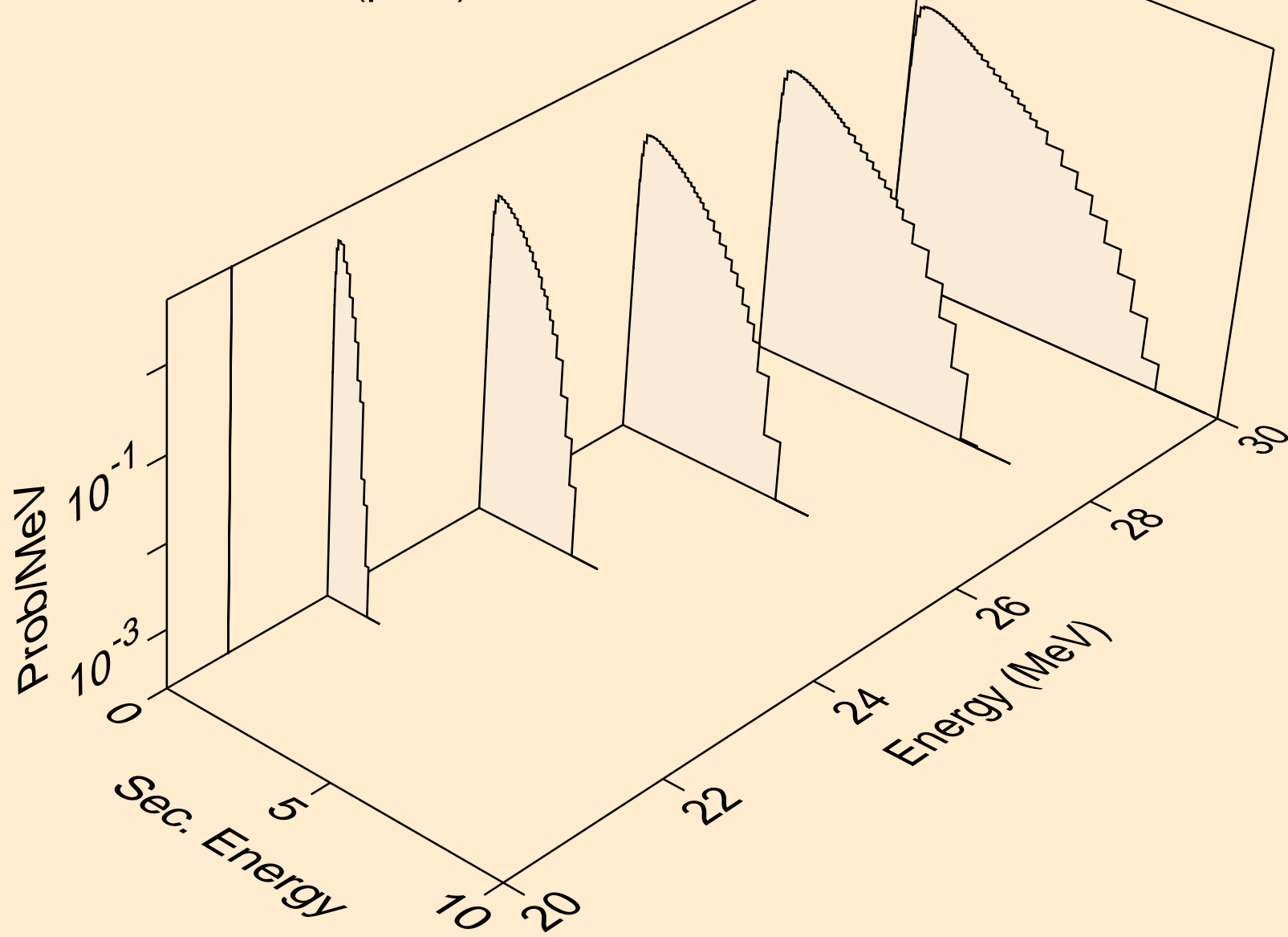
CD119M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)t



CD119M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3

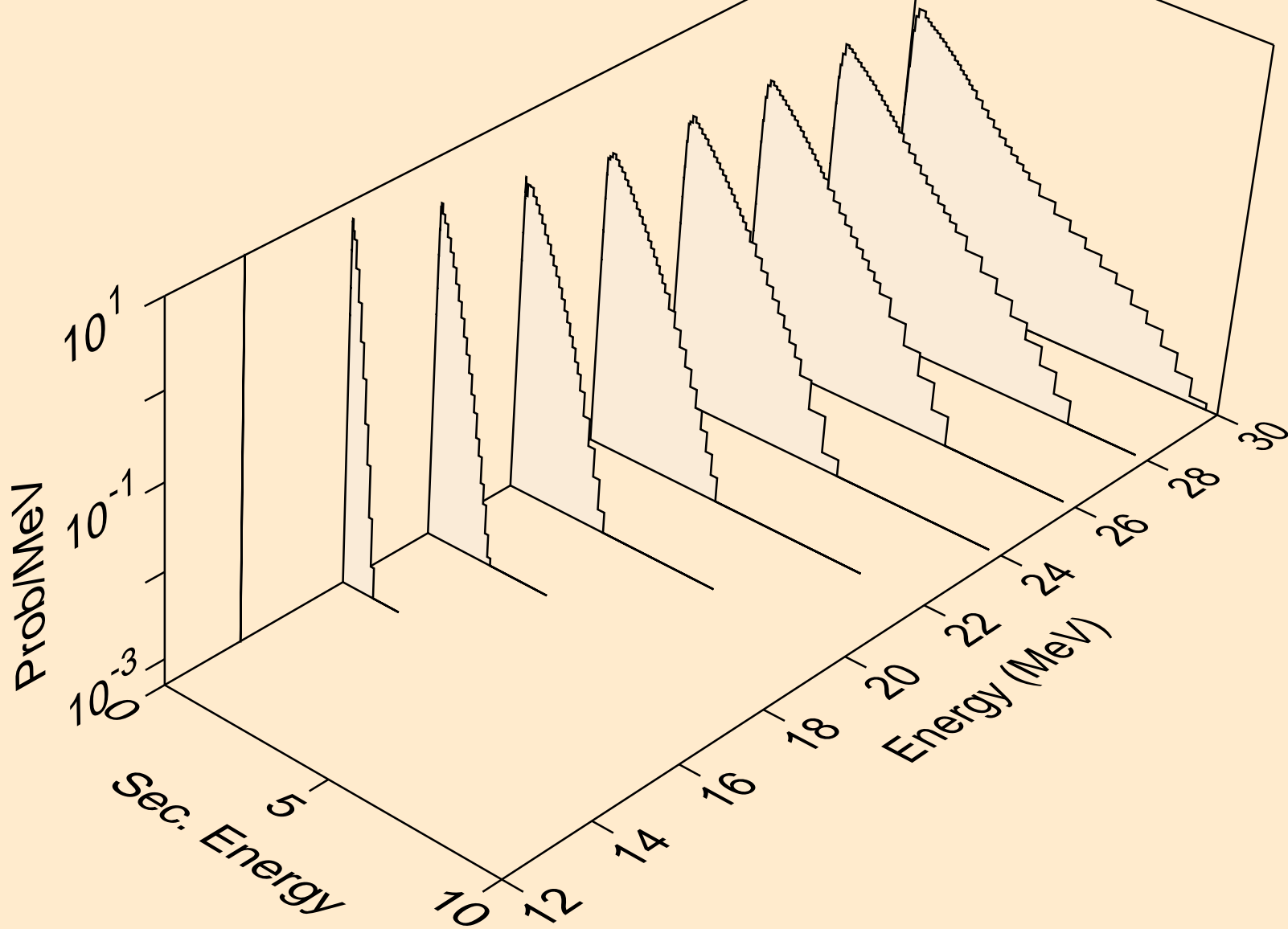


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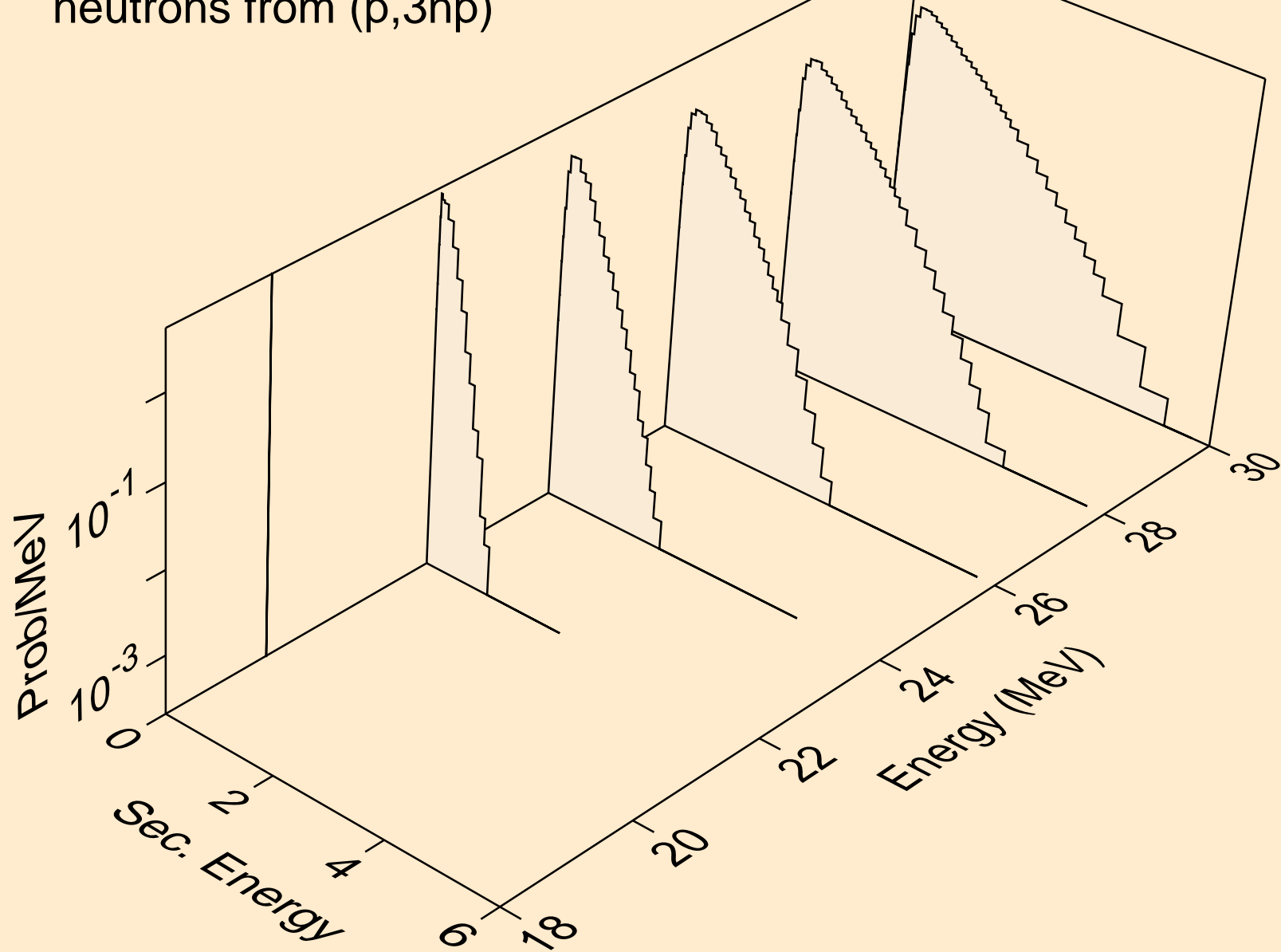




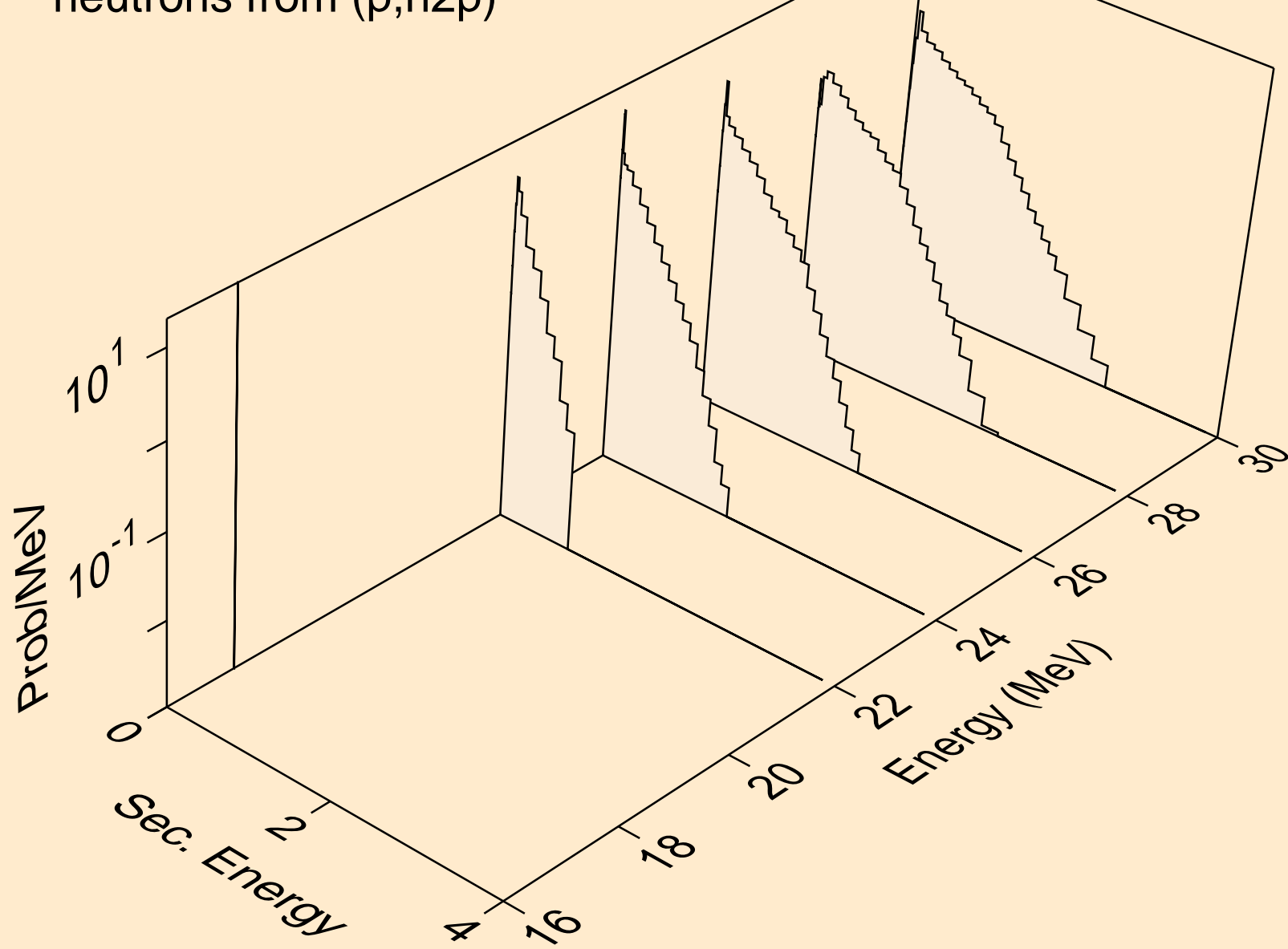
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neutrons from (p,2np)



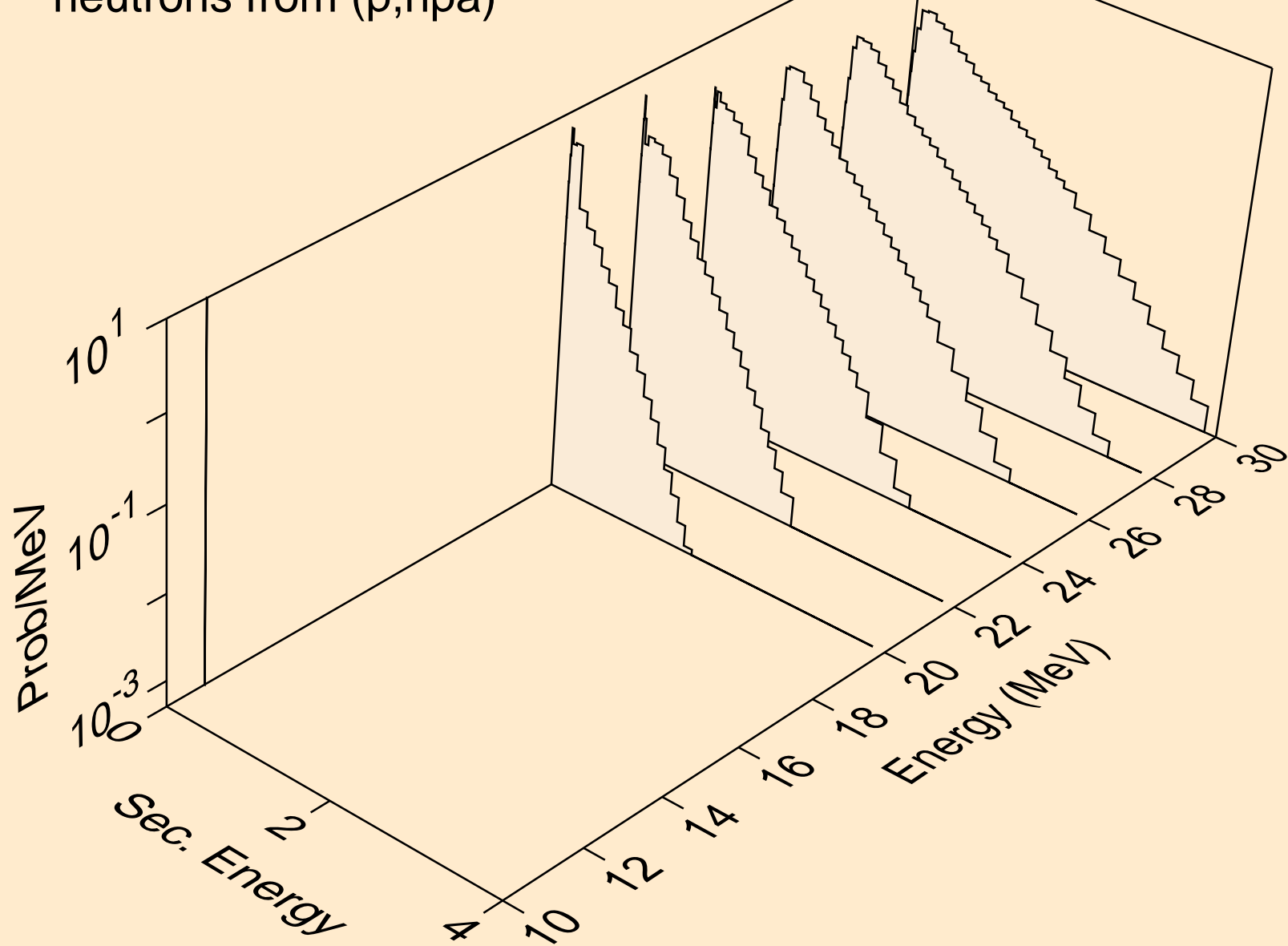
CD119M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3np)



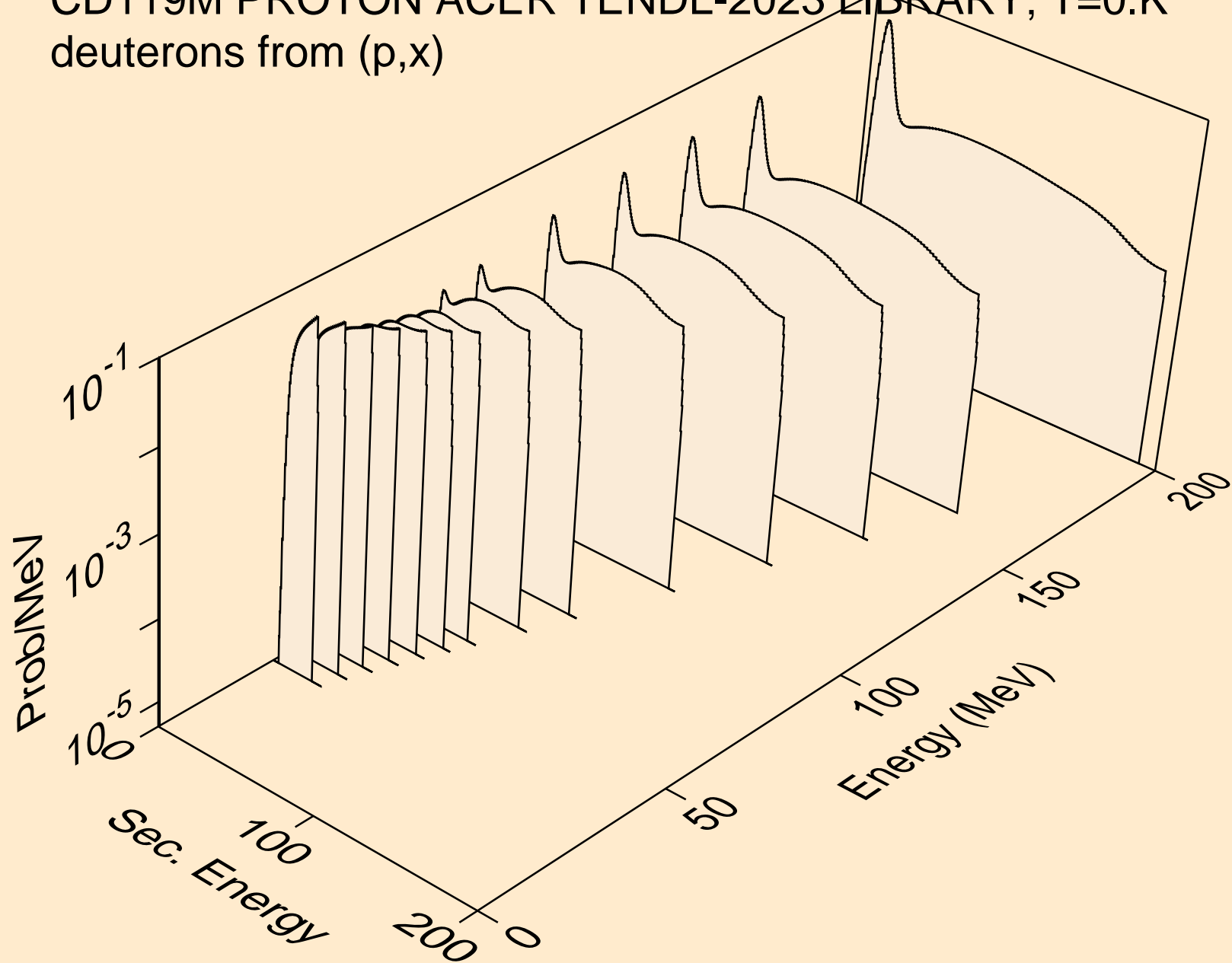
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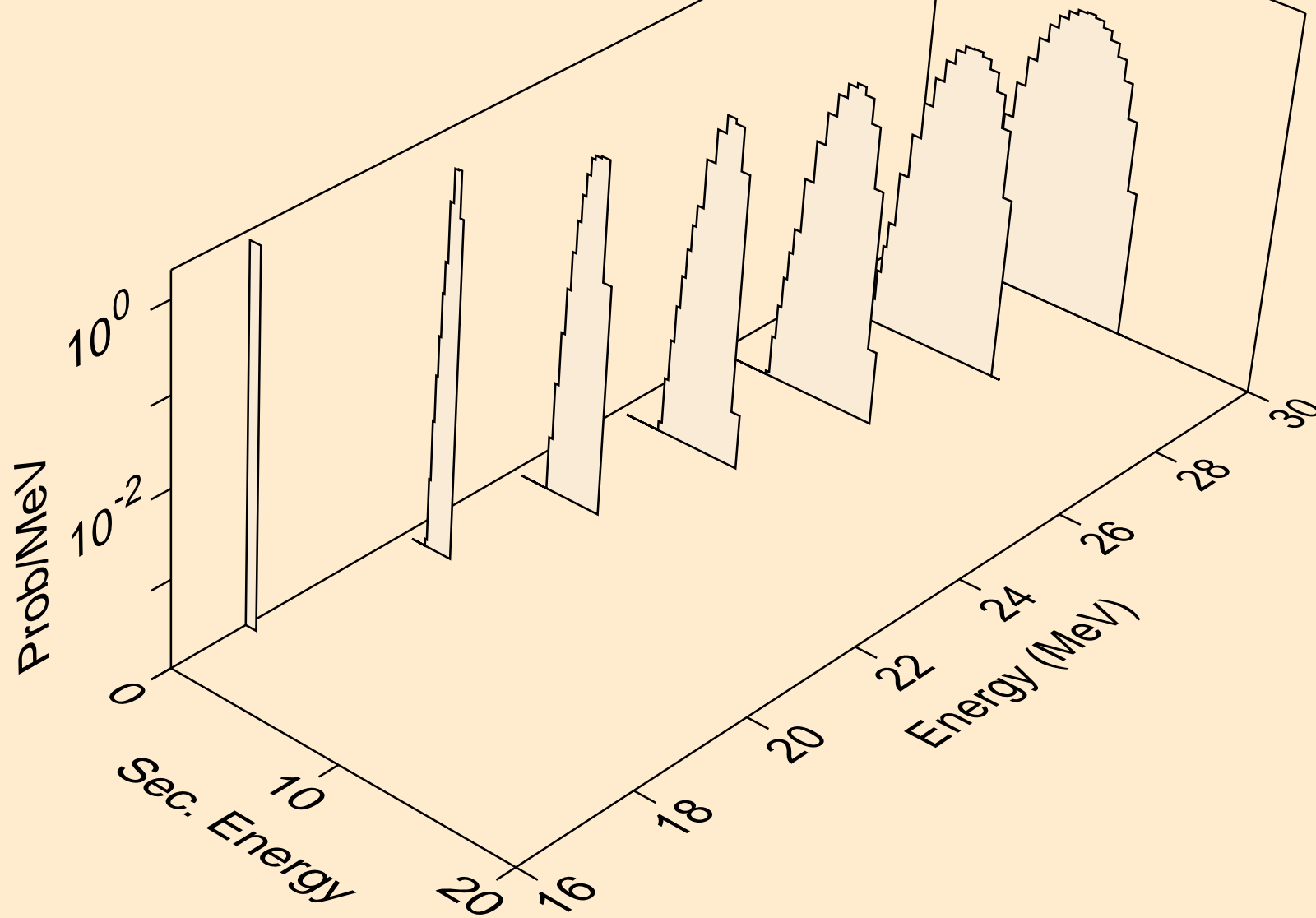
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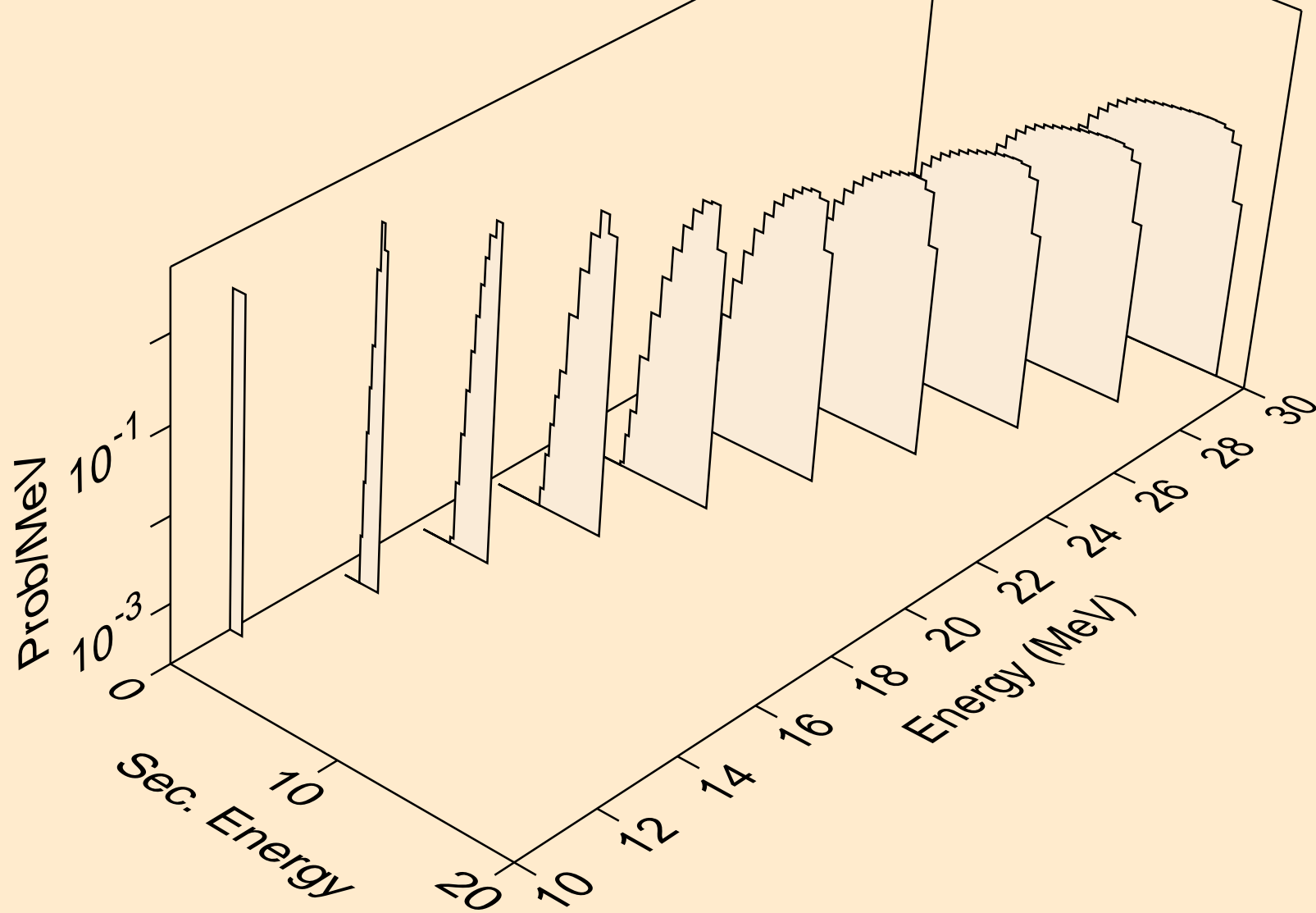
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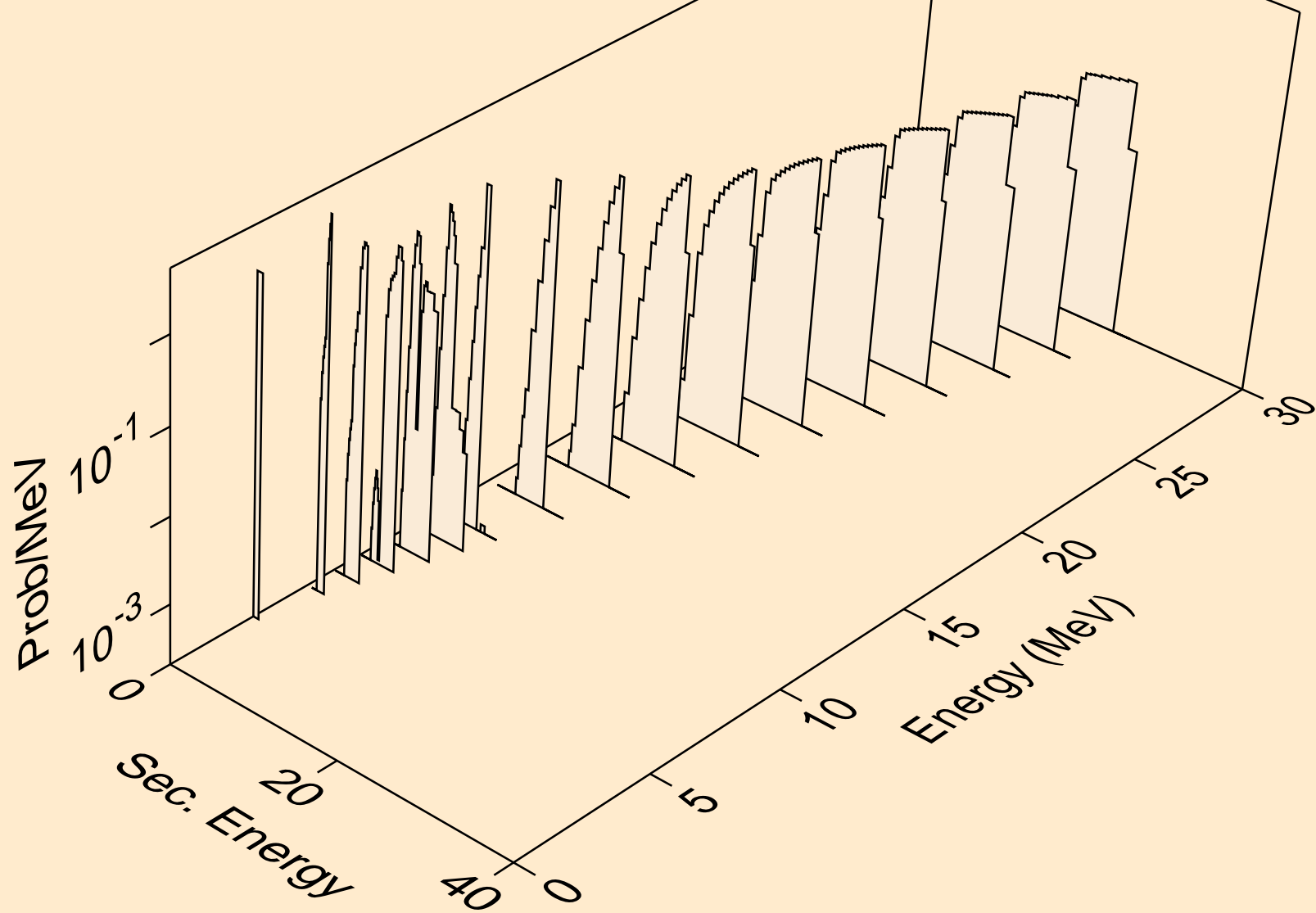
CD119M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,2nd)



CD119M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,n\*)d

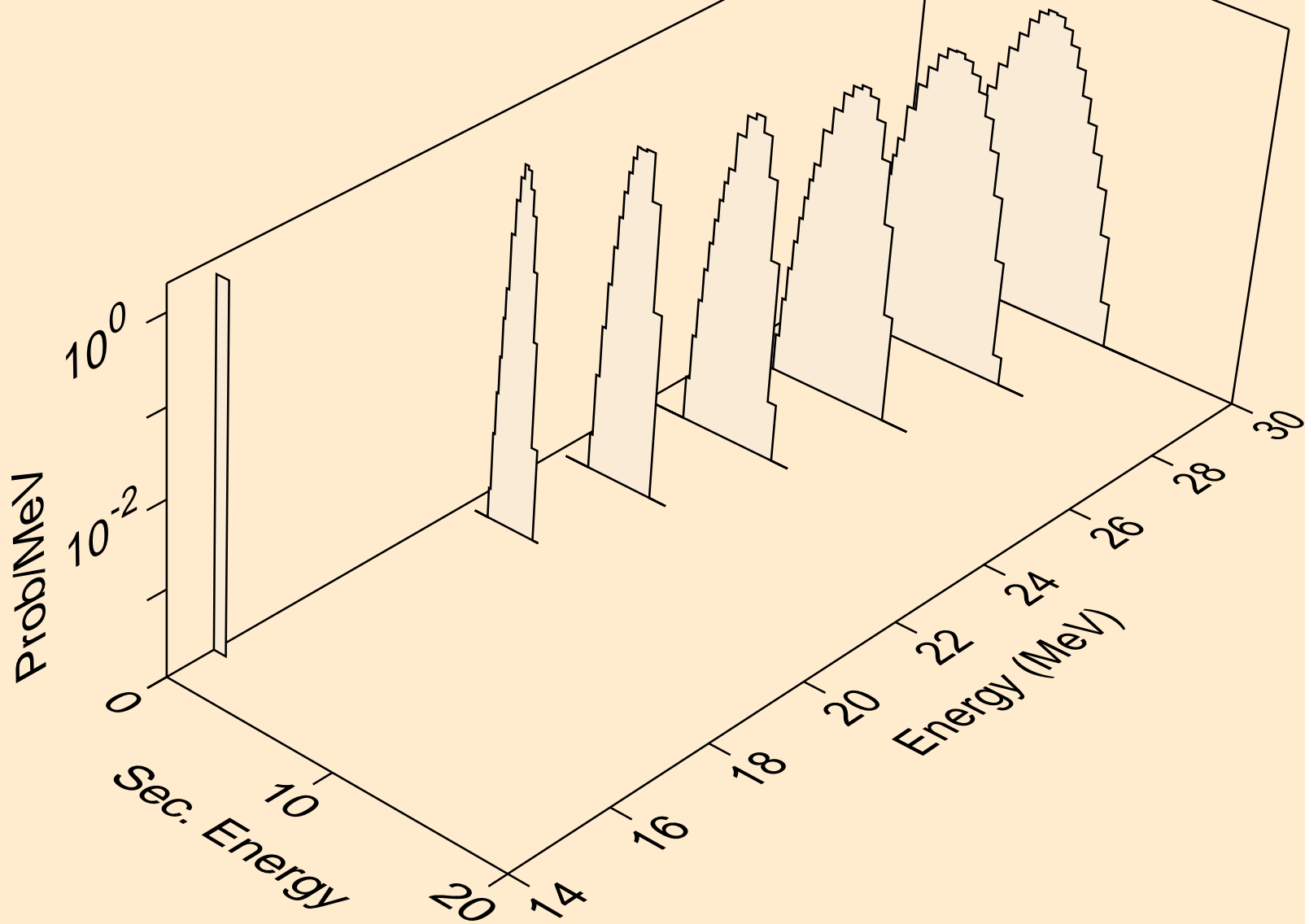


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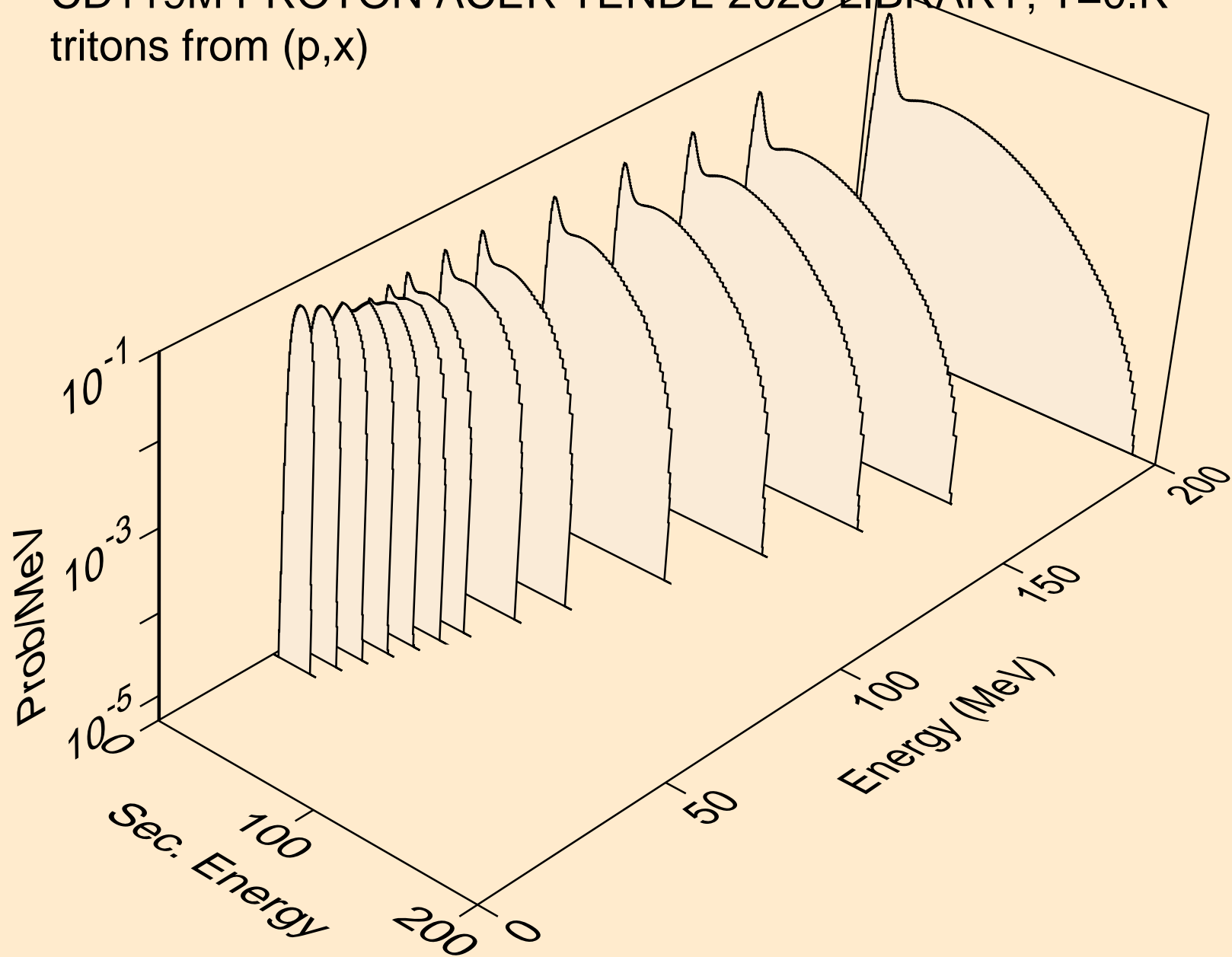




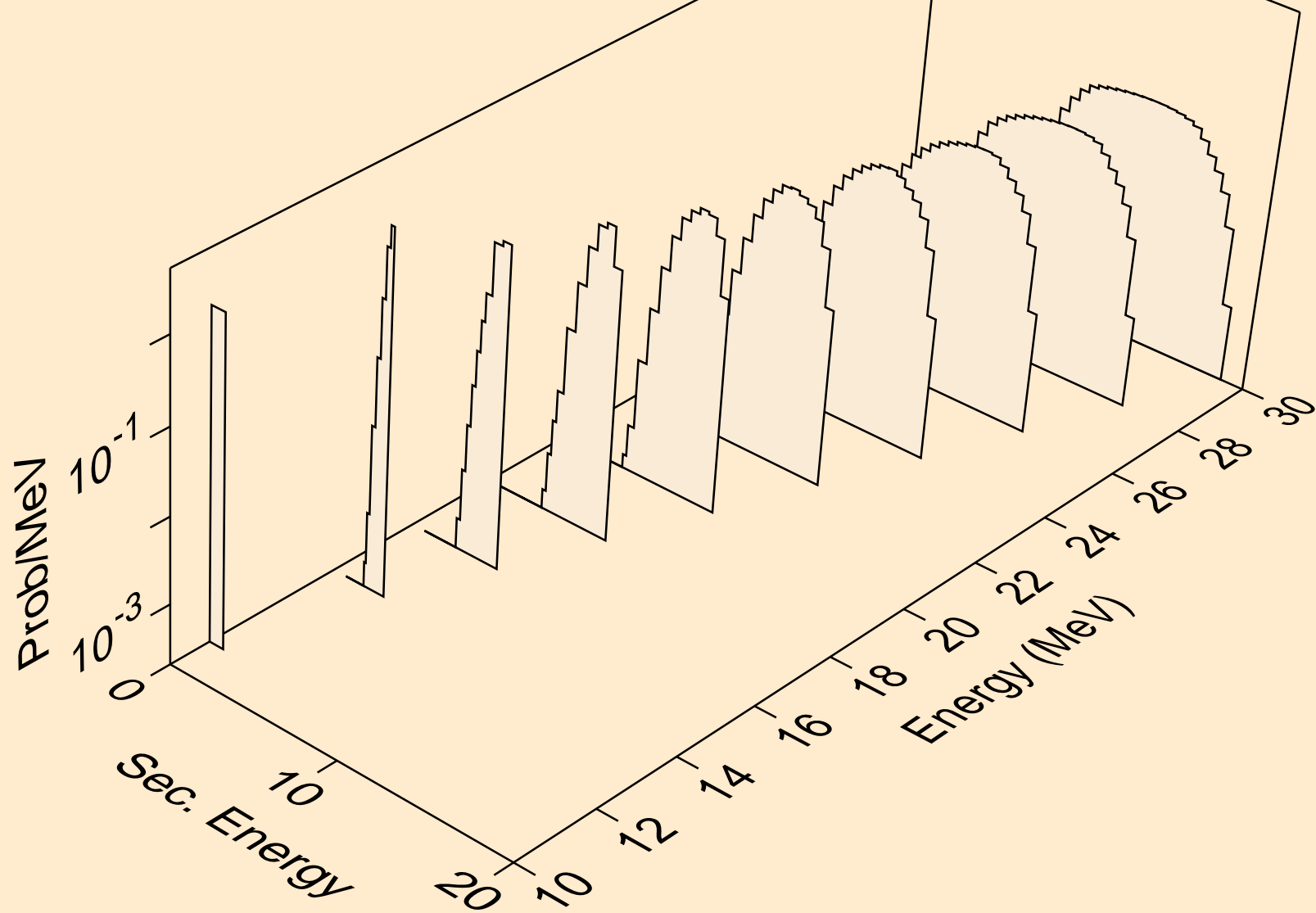
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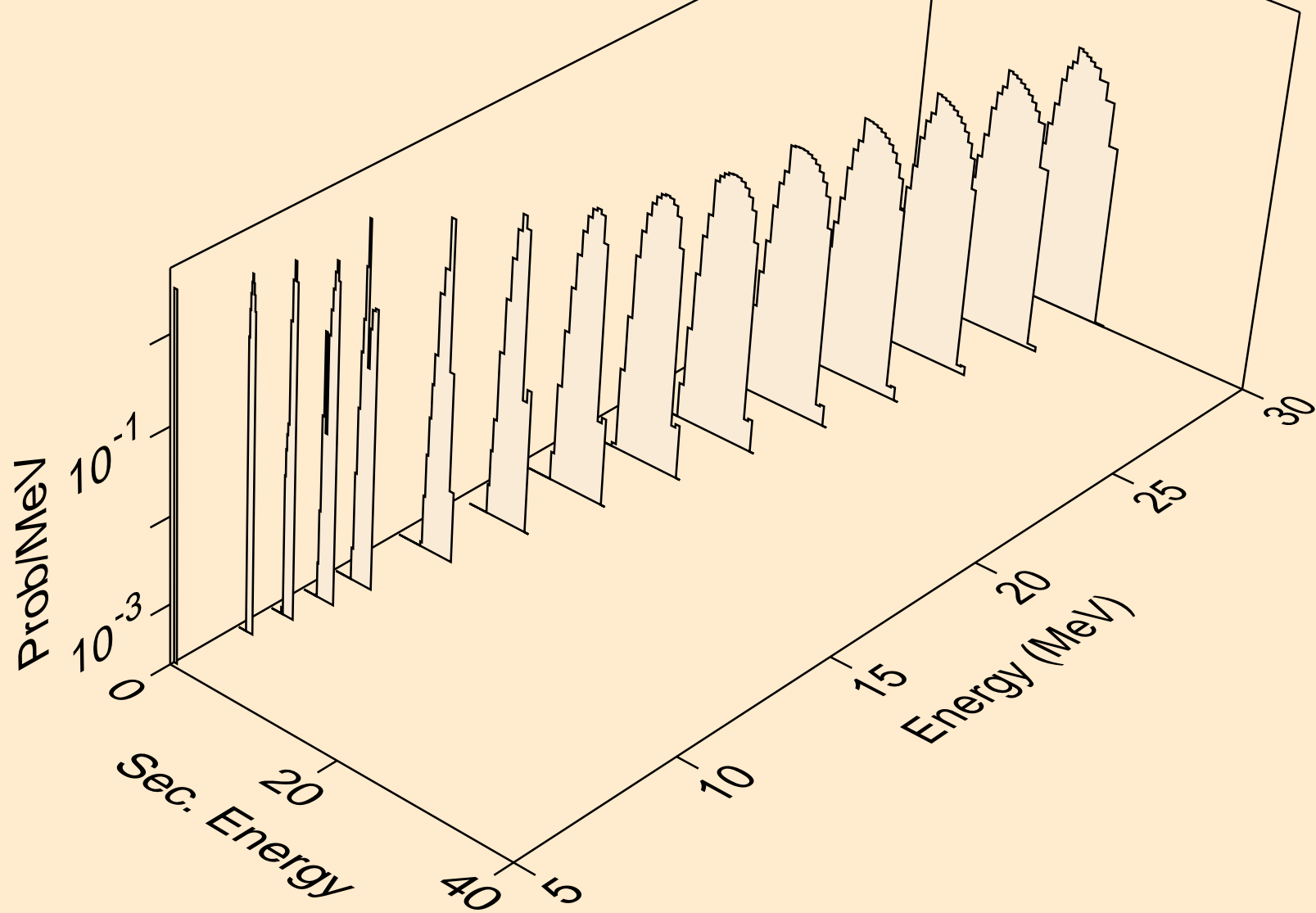
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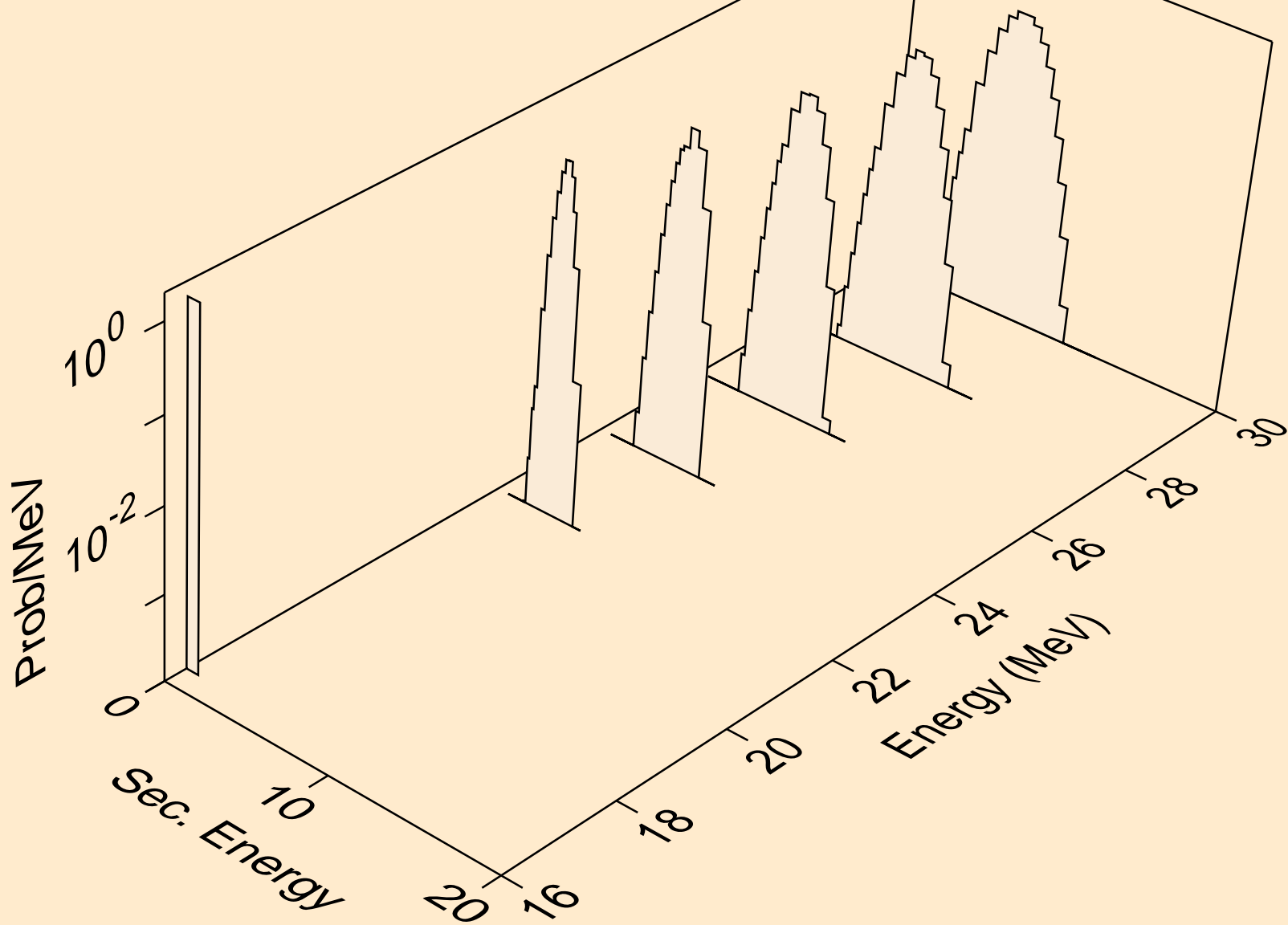
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tritons from (p,n\*)t



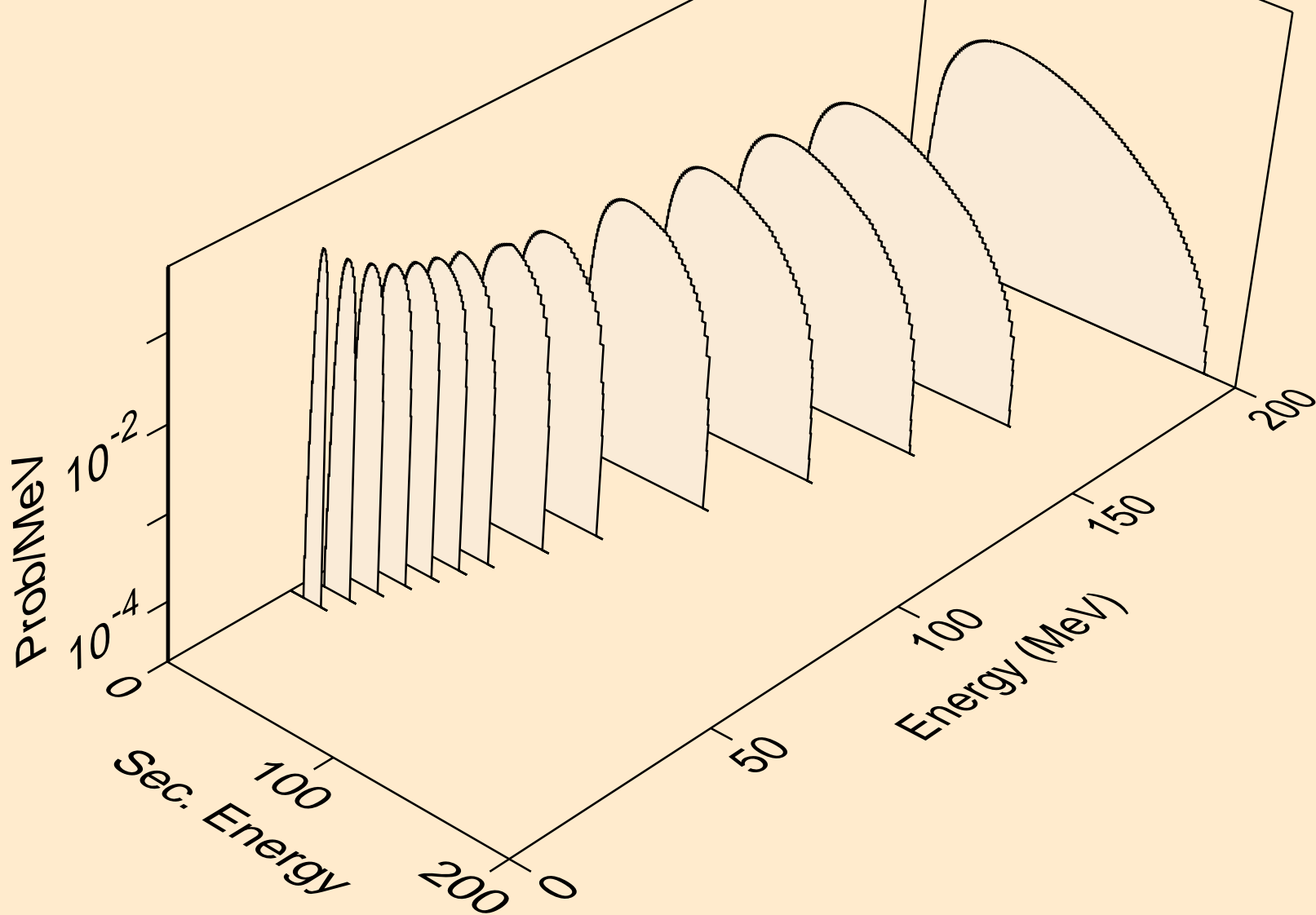
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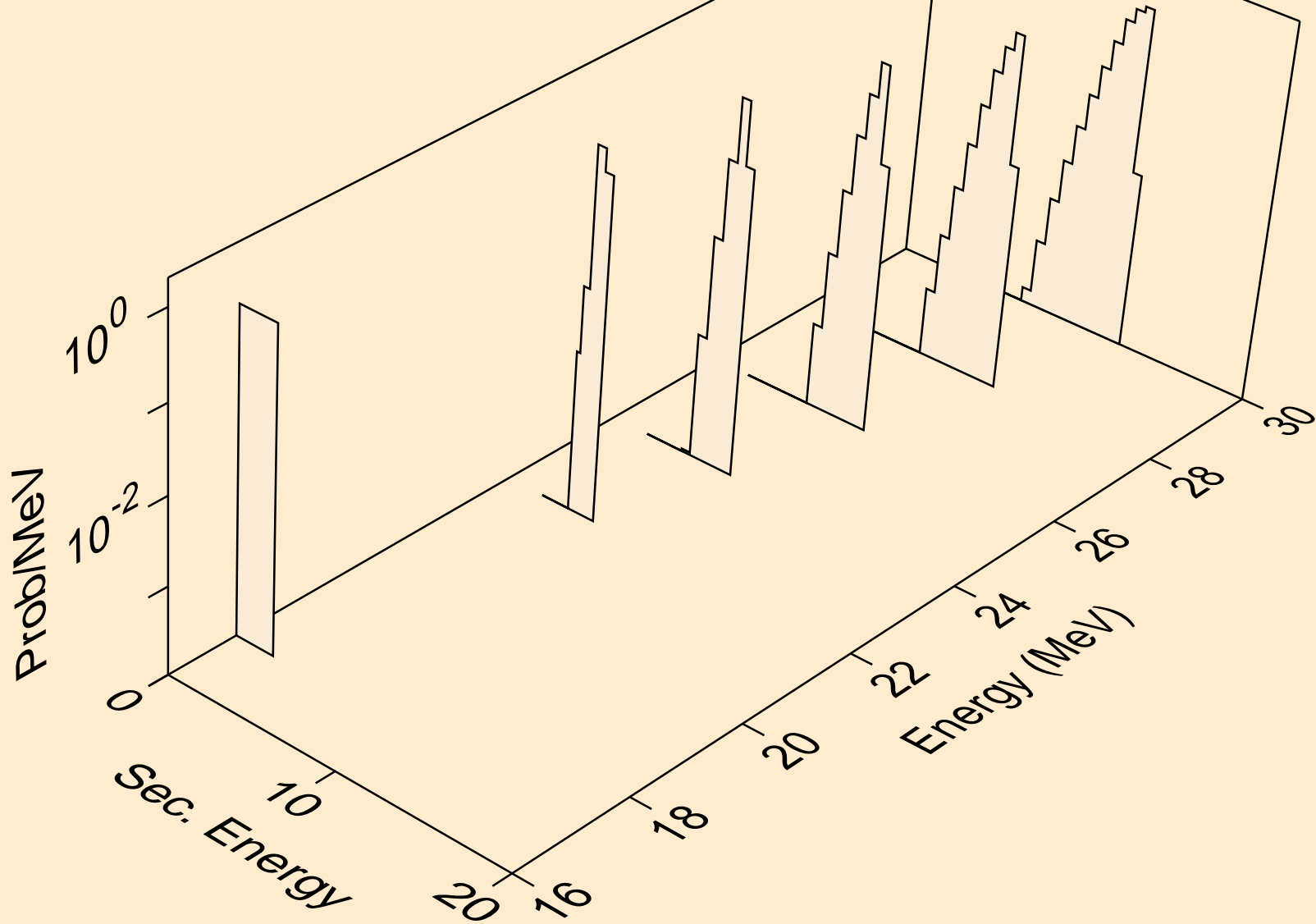
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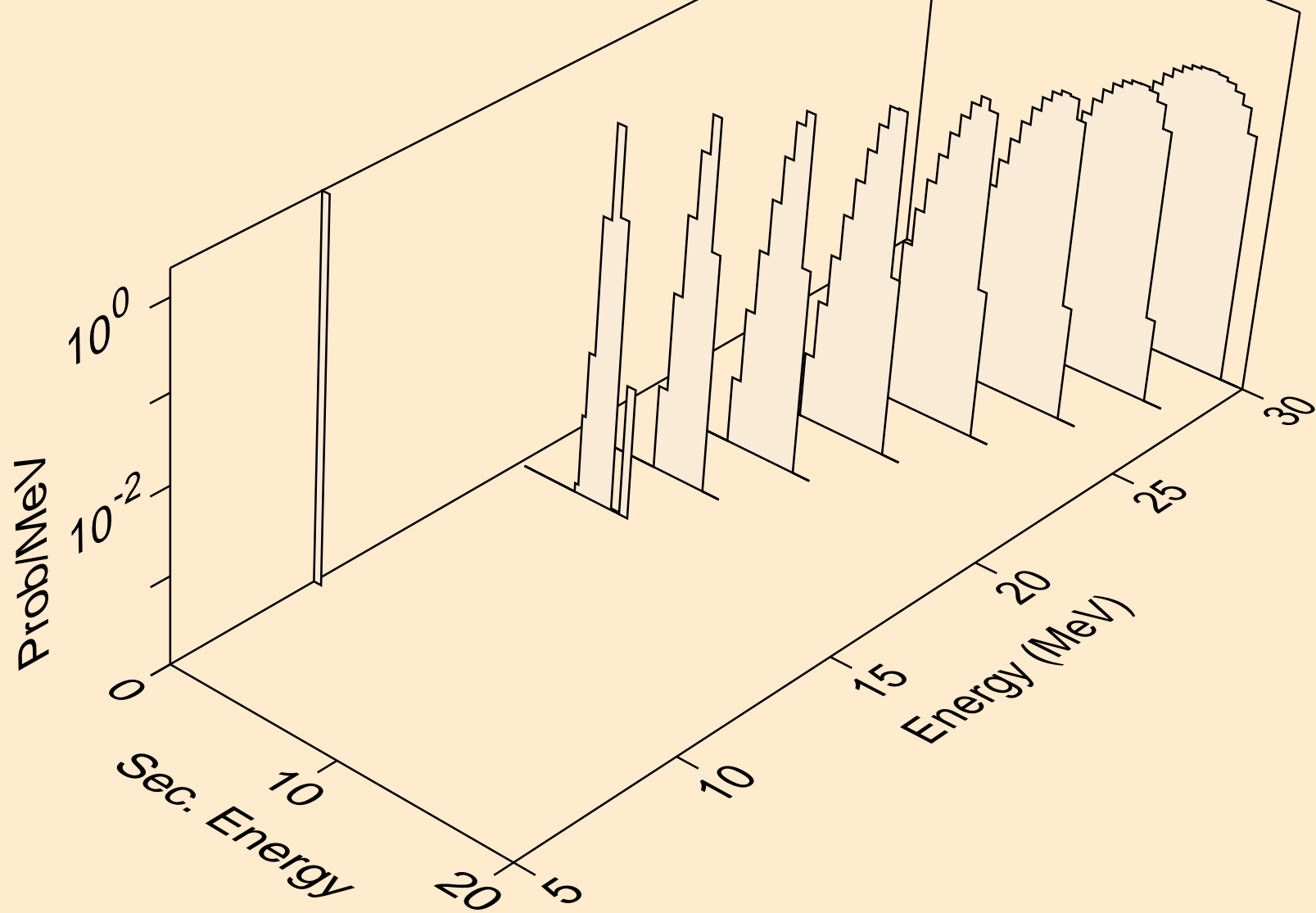
CD119M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)



CD119M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3

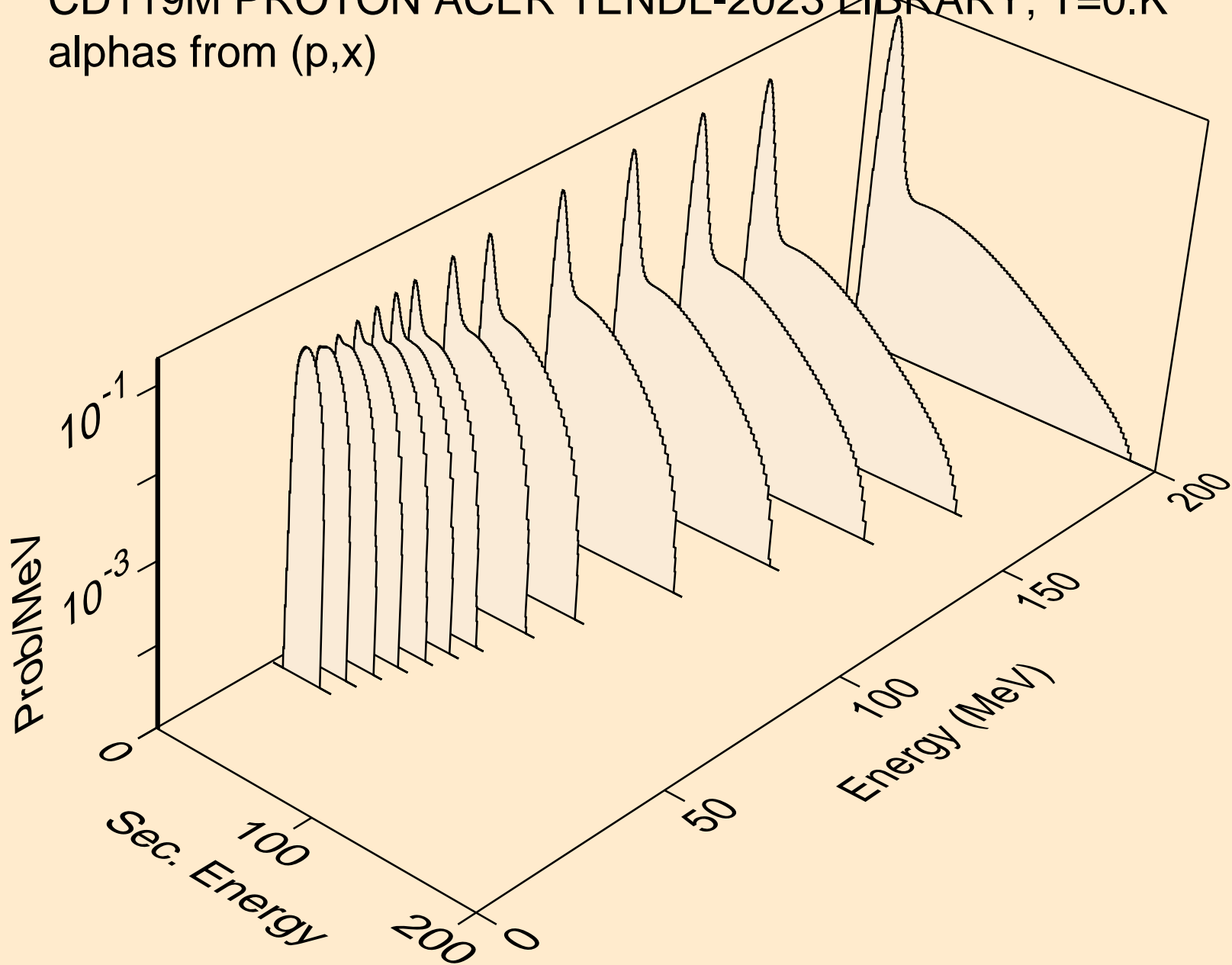


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he3s from (p,he3)

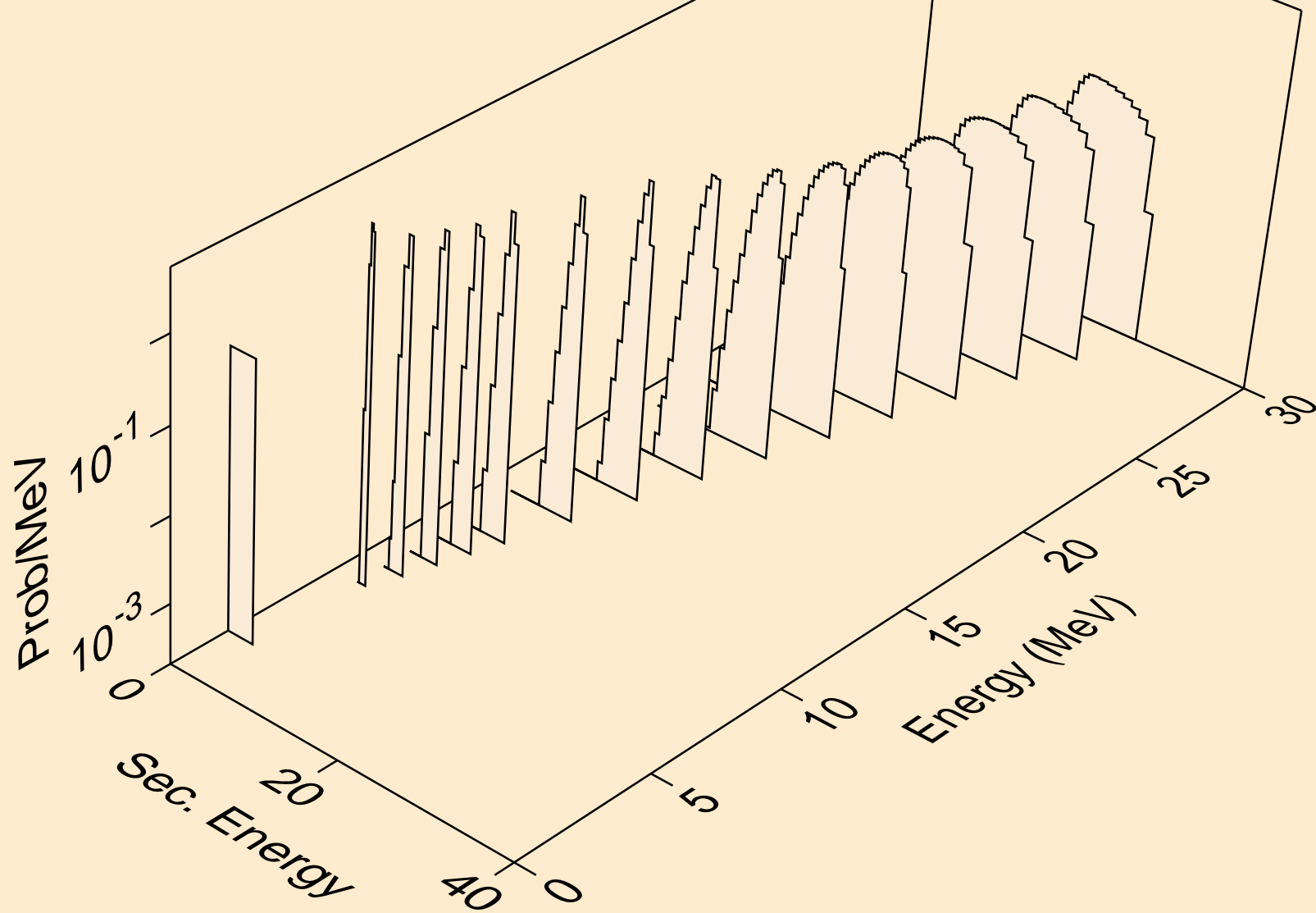




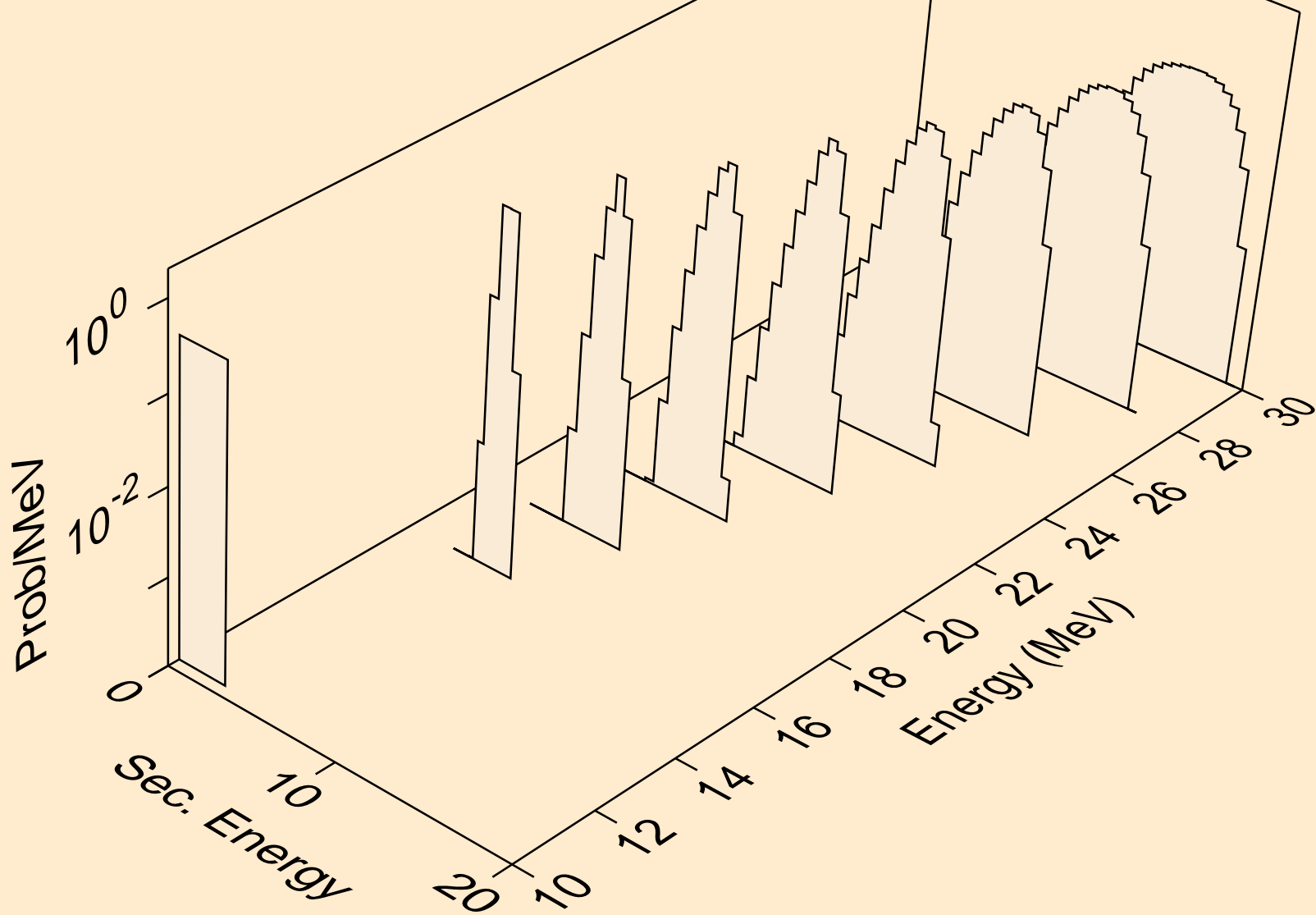
CD119M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



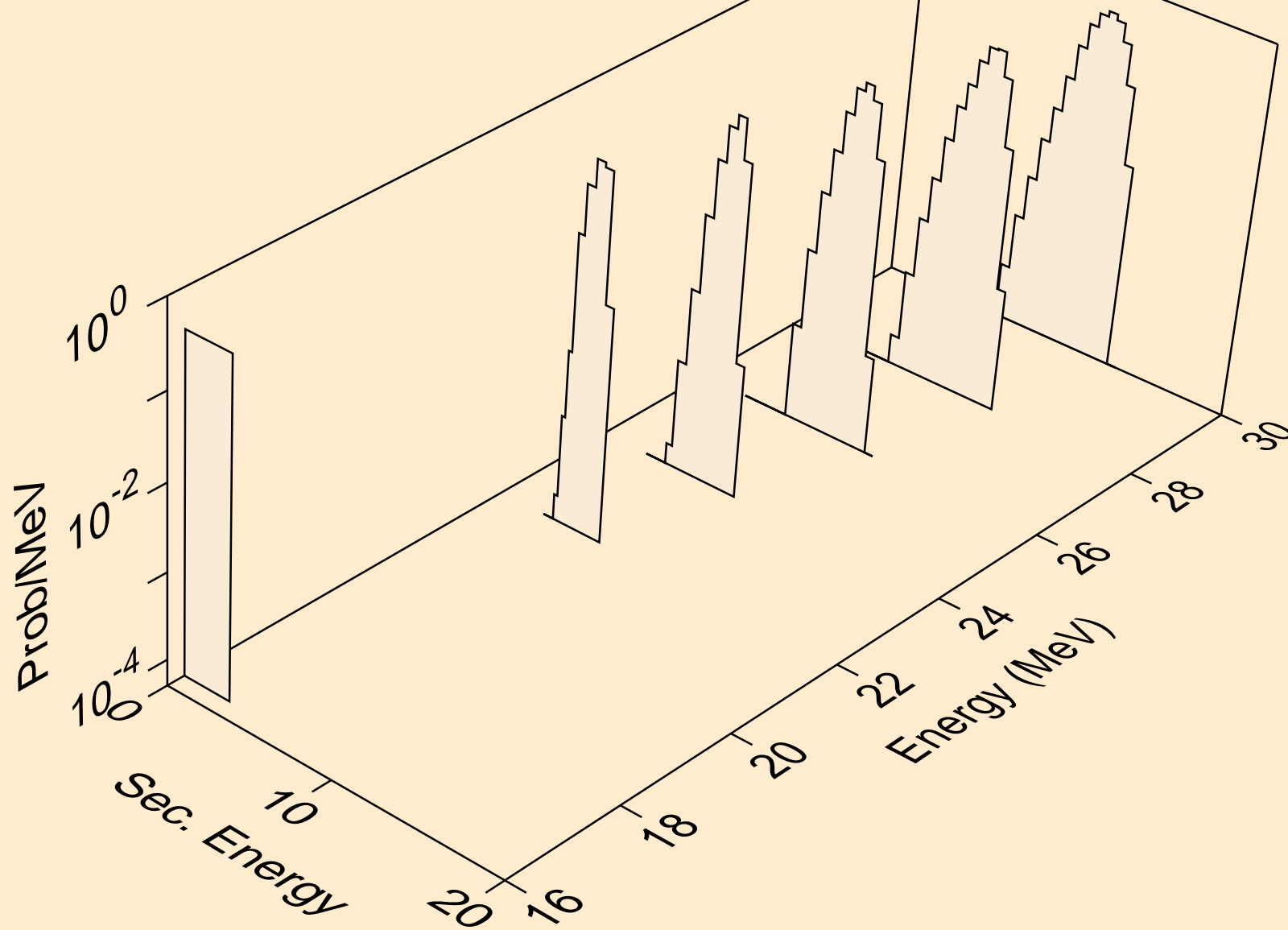
CD119M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a



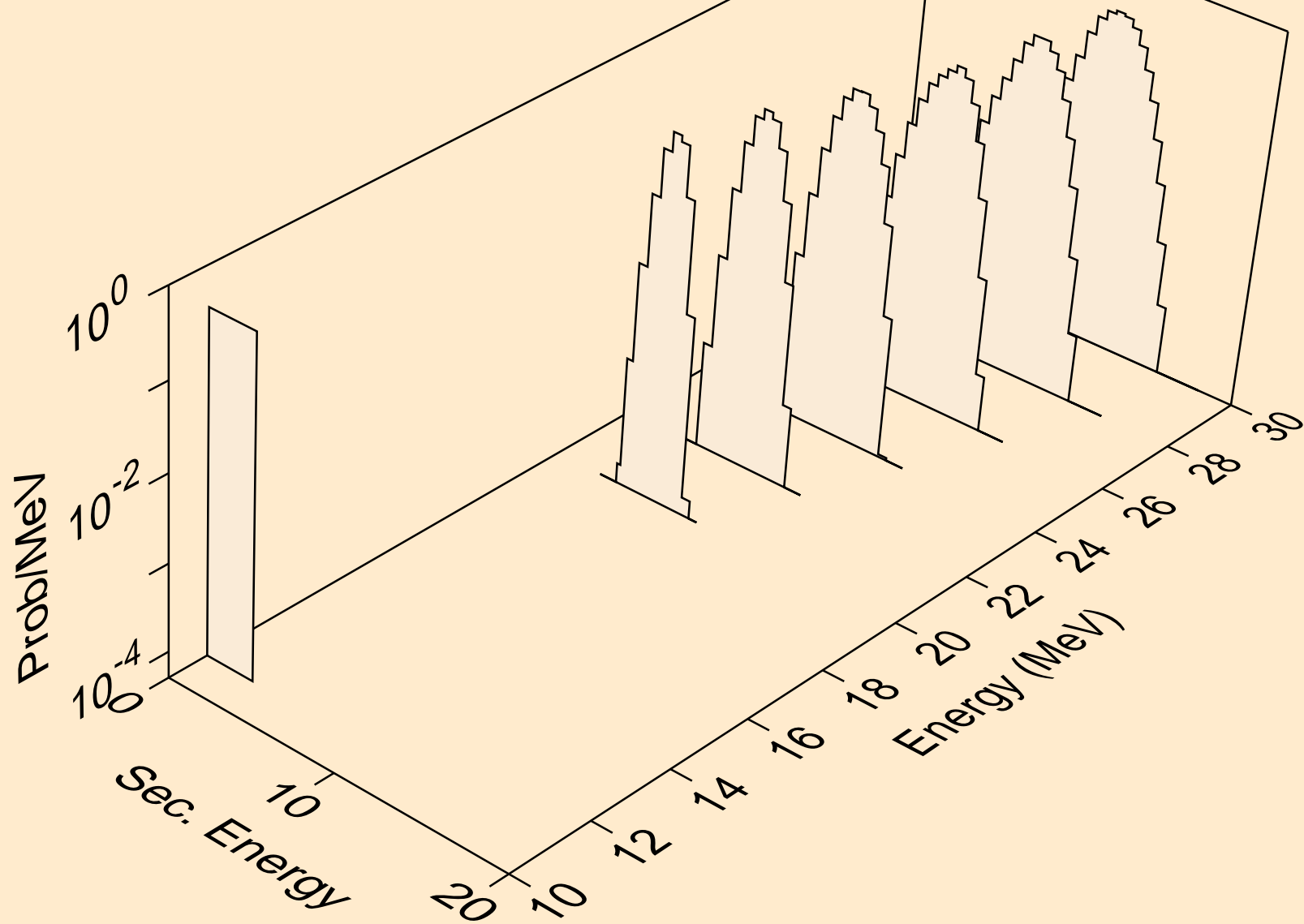
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alphas from (p,2n)a



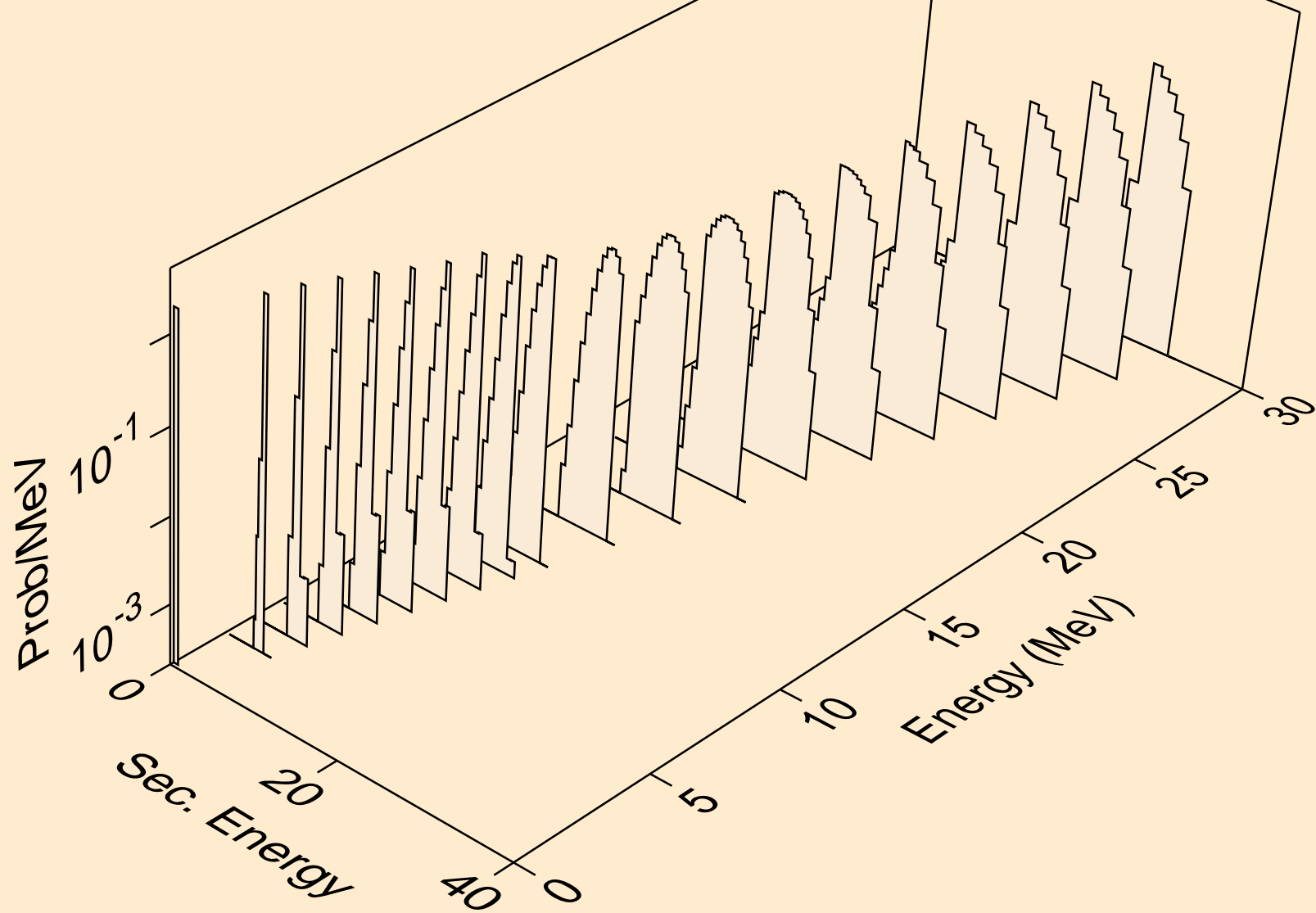
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alphas from (p,3n)a



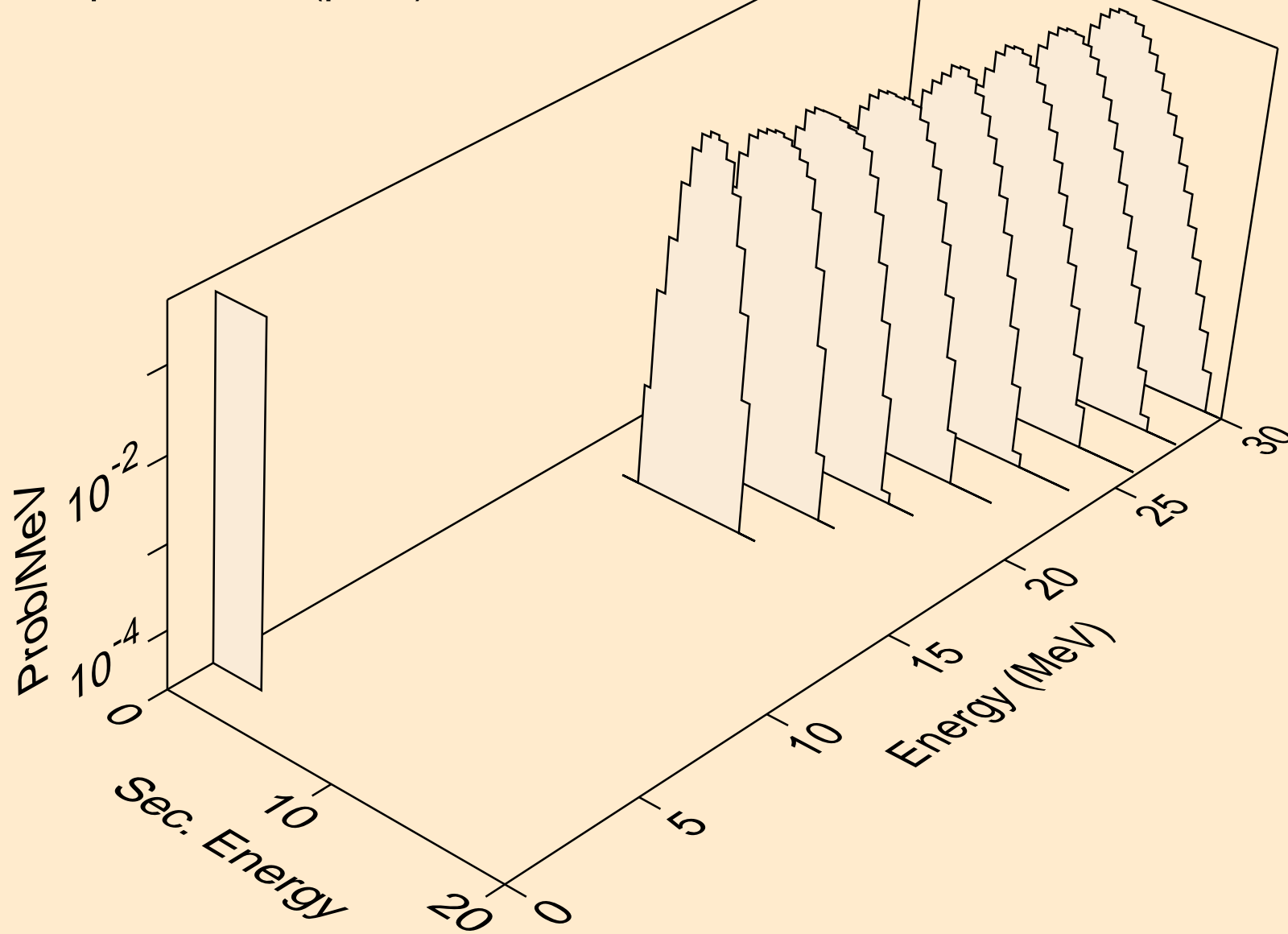
CD119M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,npa)



CD119M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)



CD119M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2a)



CD119M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,pa)

