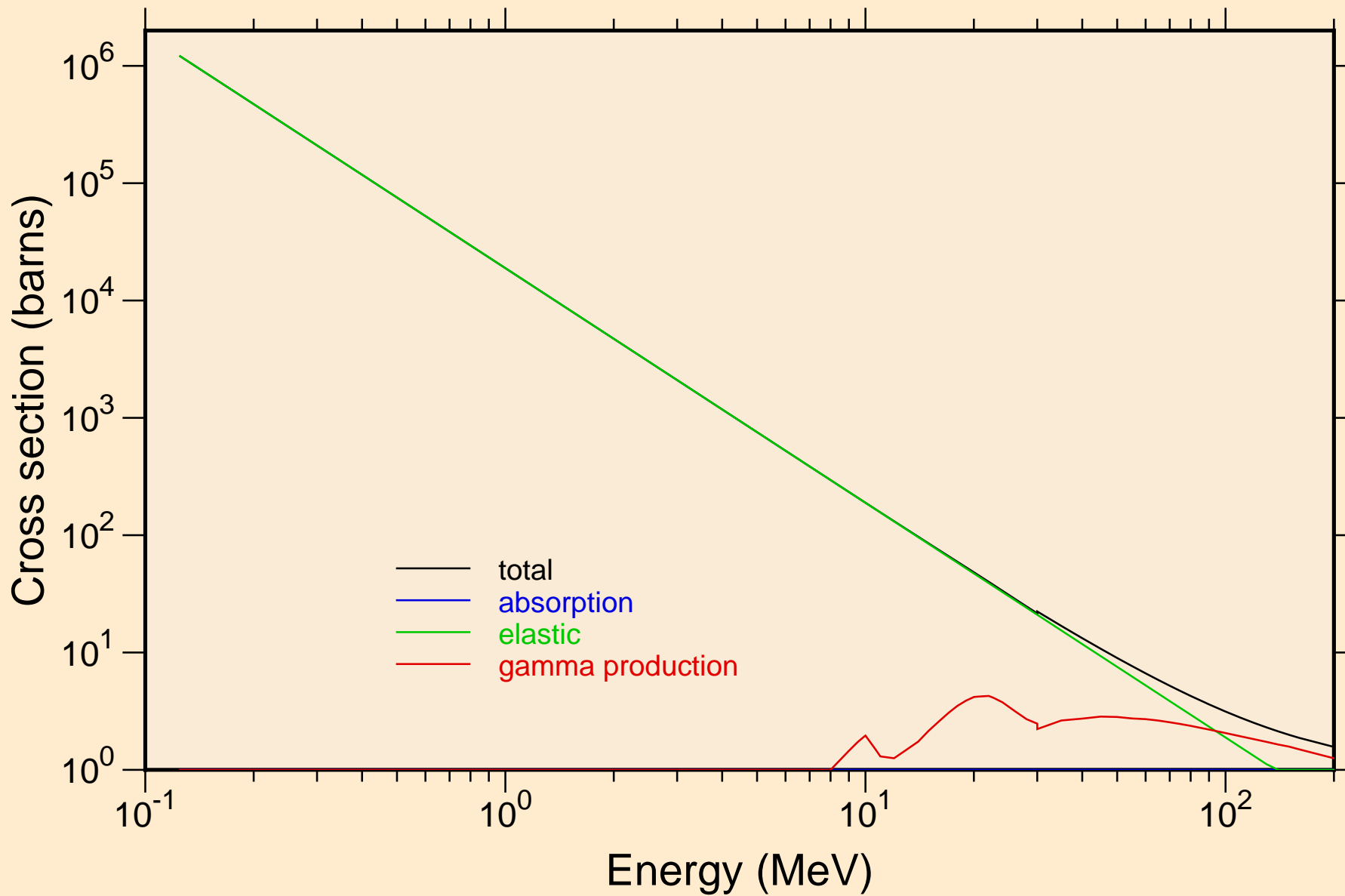
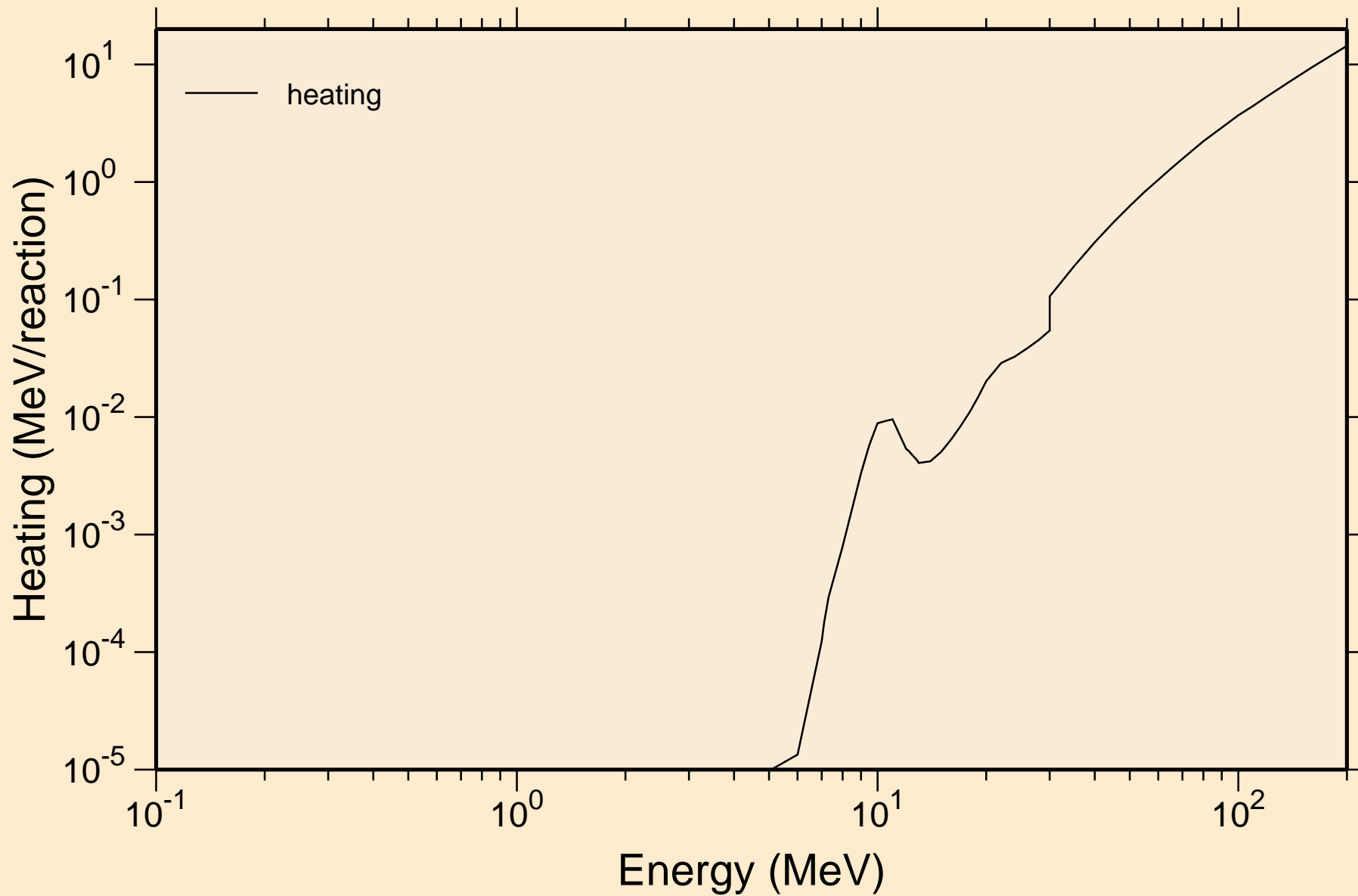


# CS117M PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

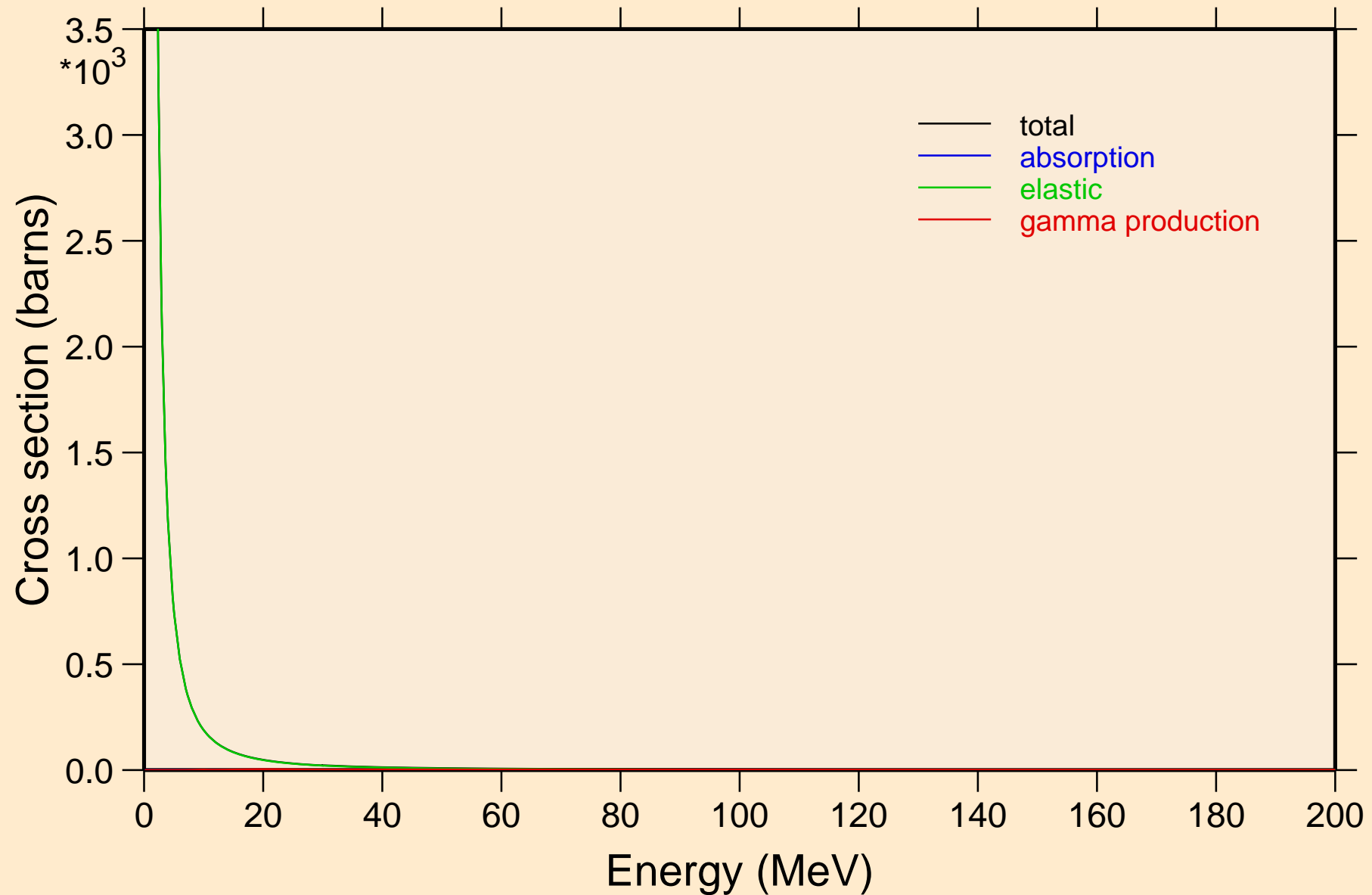


CS117M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Heating



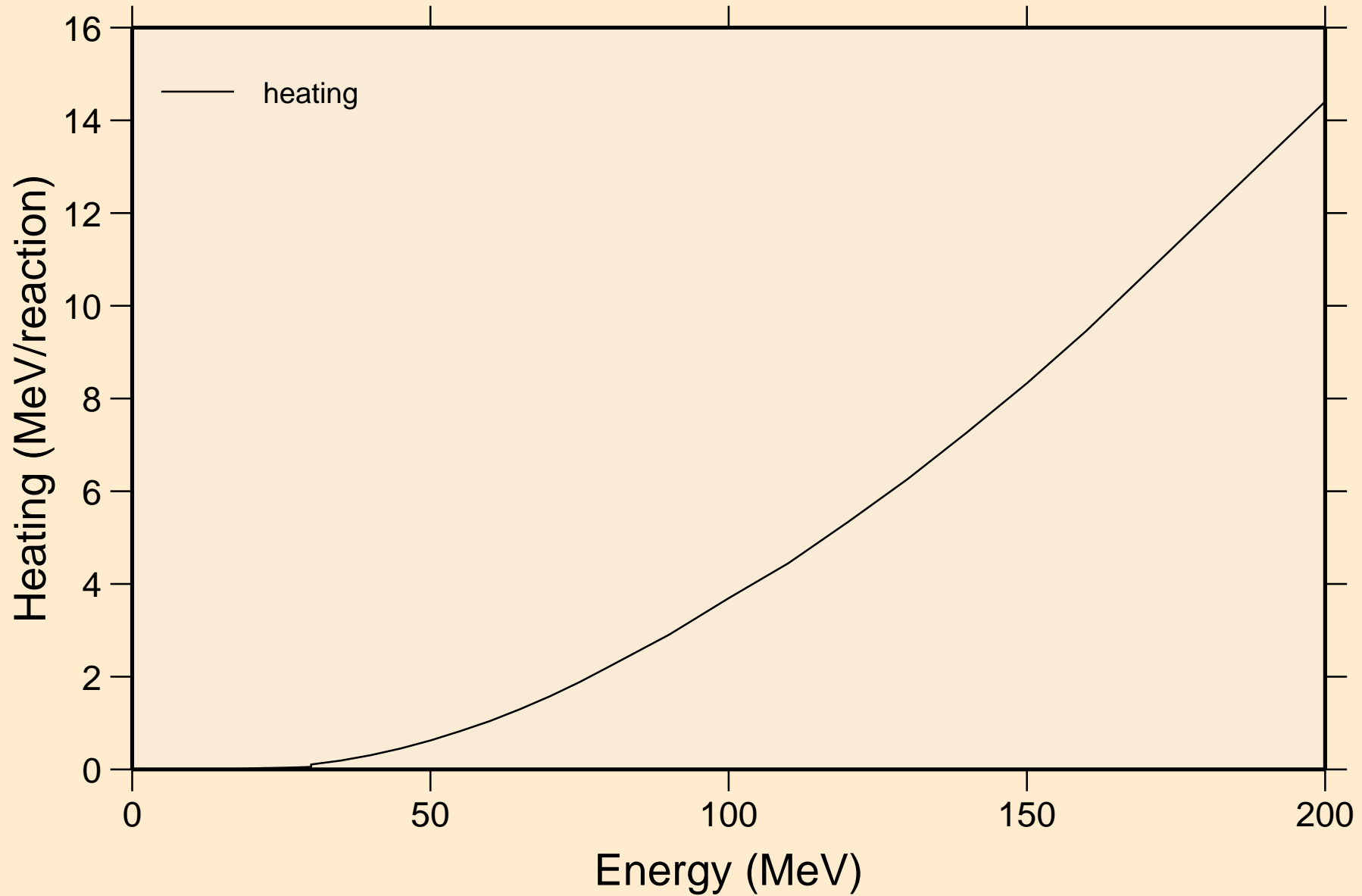
# CS117M PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



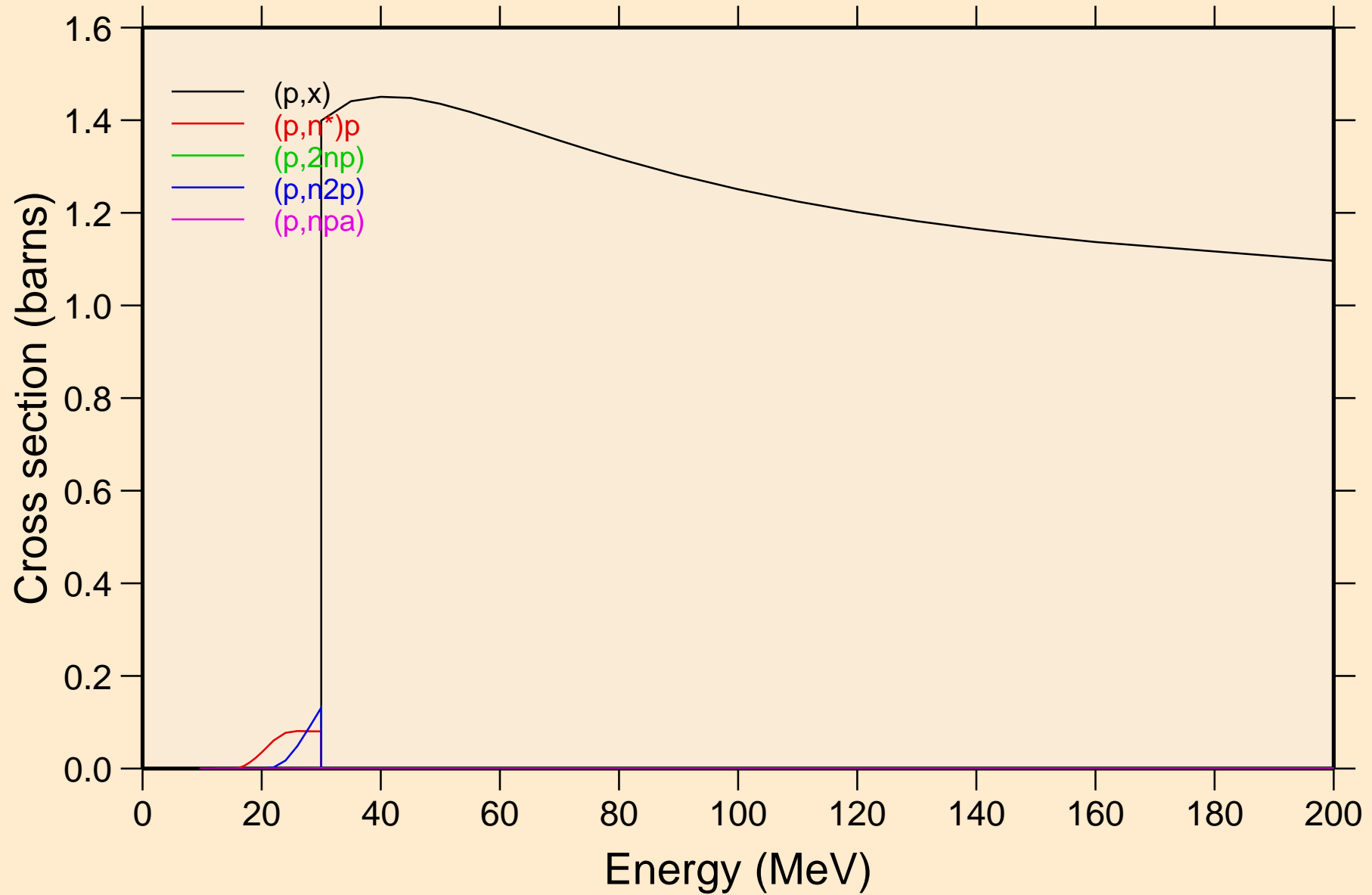
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## Heating



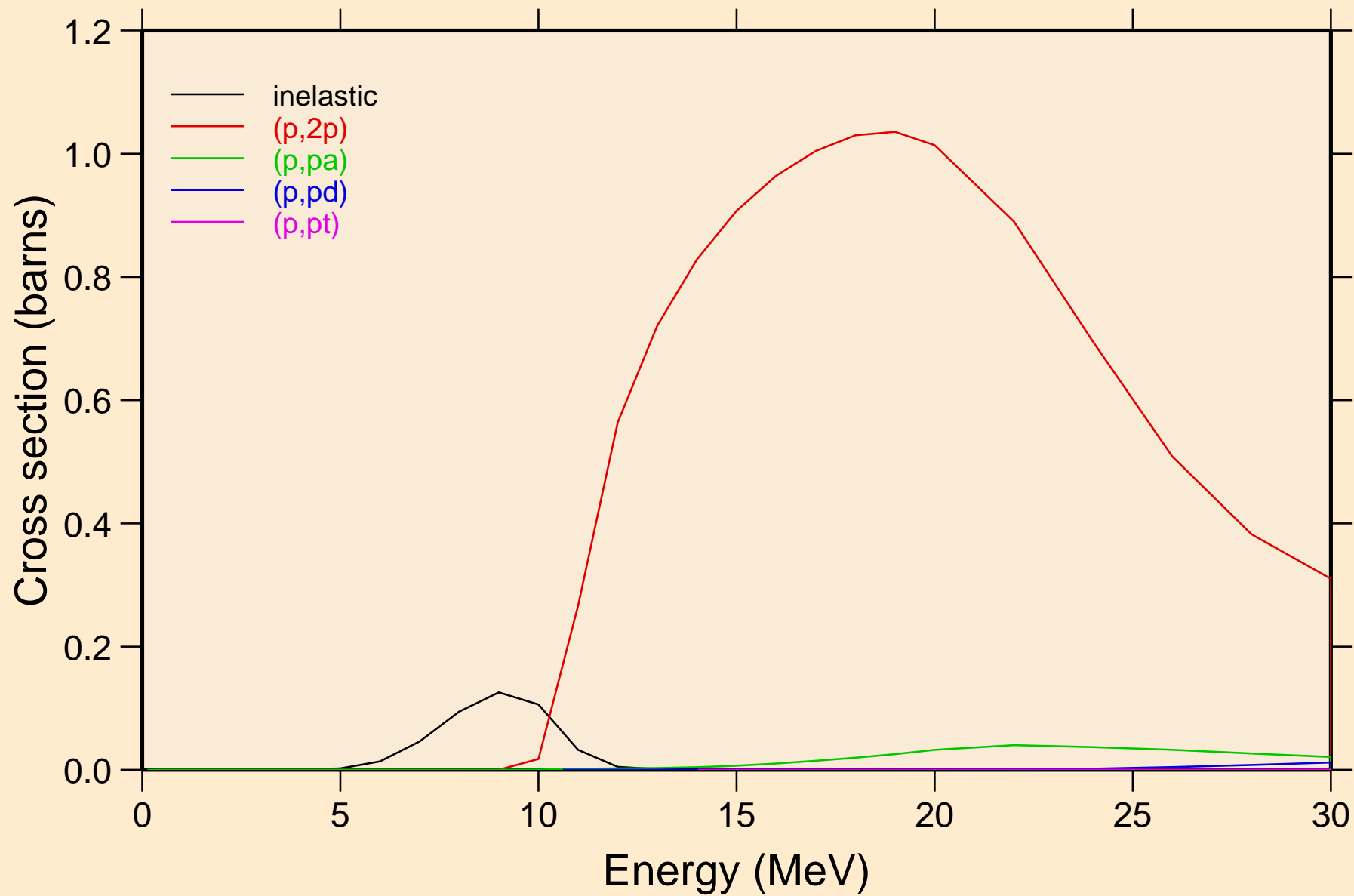
# CS117M PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

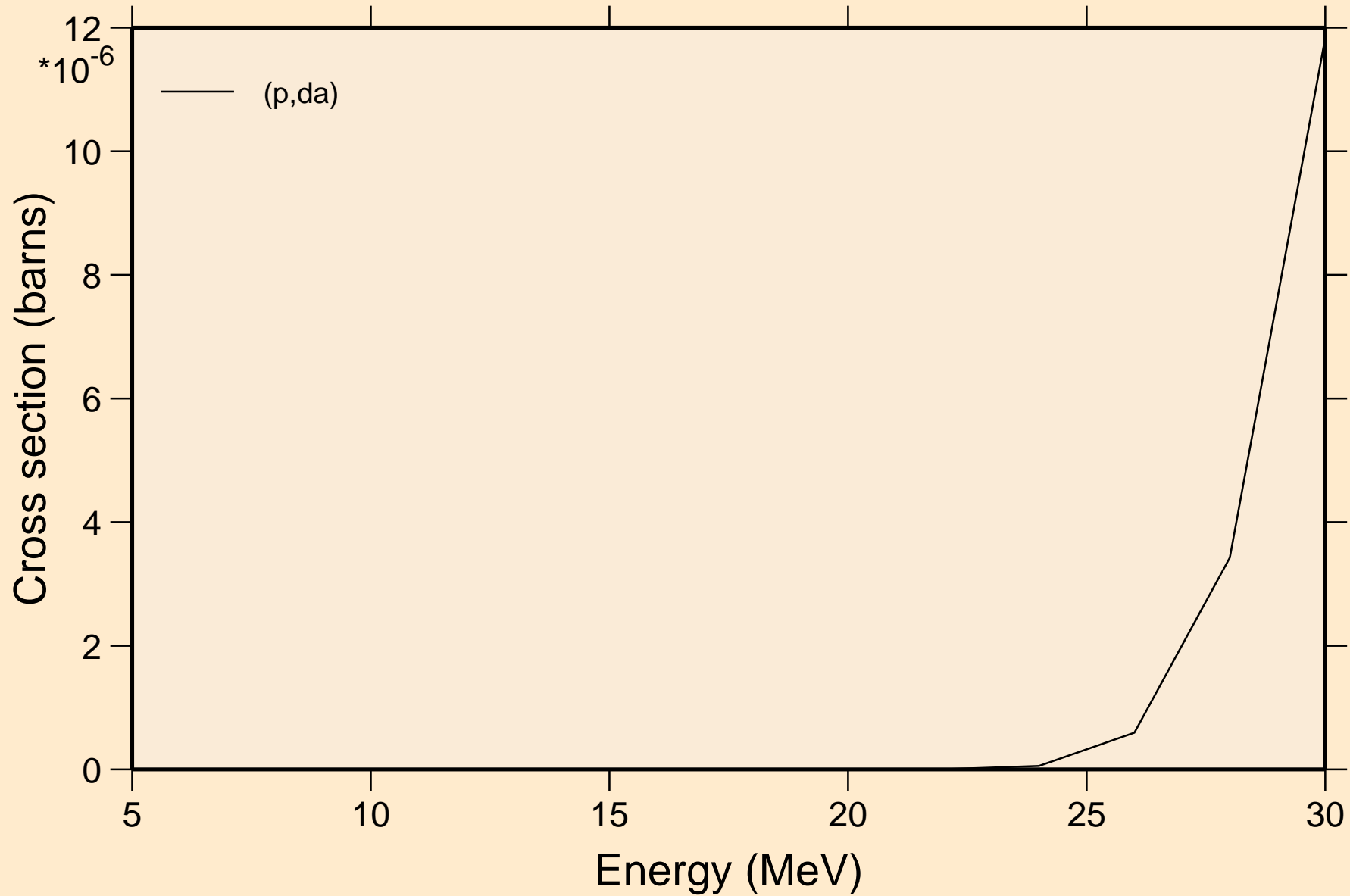


# CS117M PROTON ACER TENDL-2023 LIBRARY; T=0.K

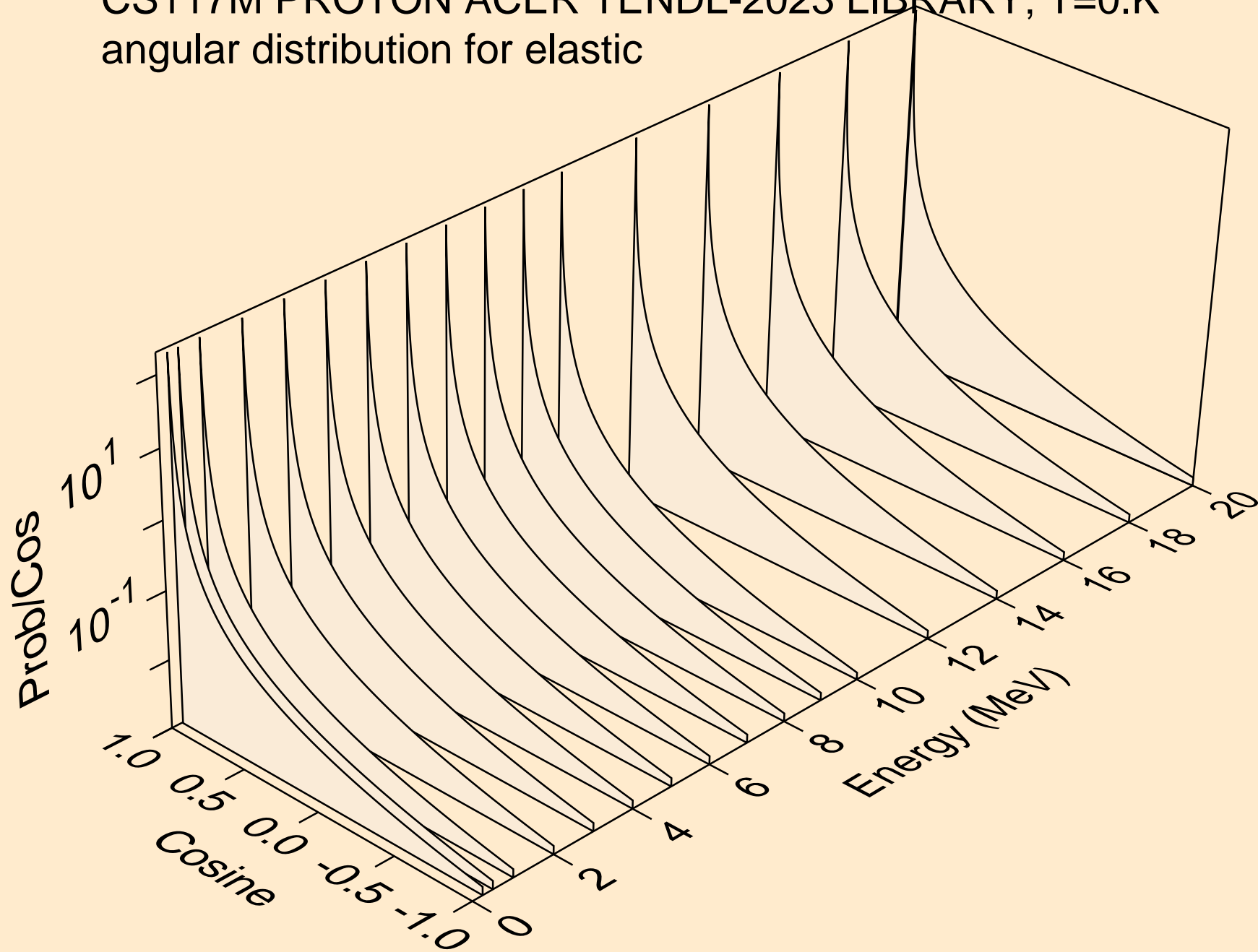
## Threshold reactions



CS117M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

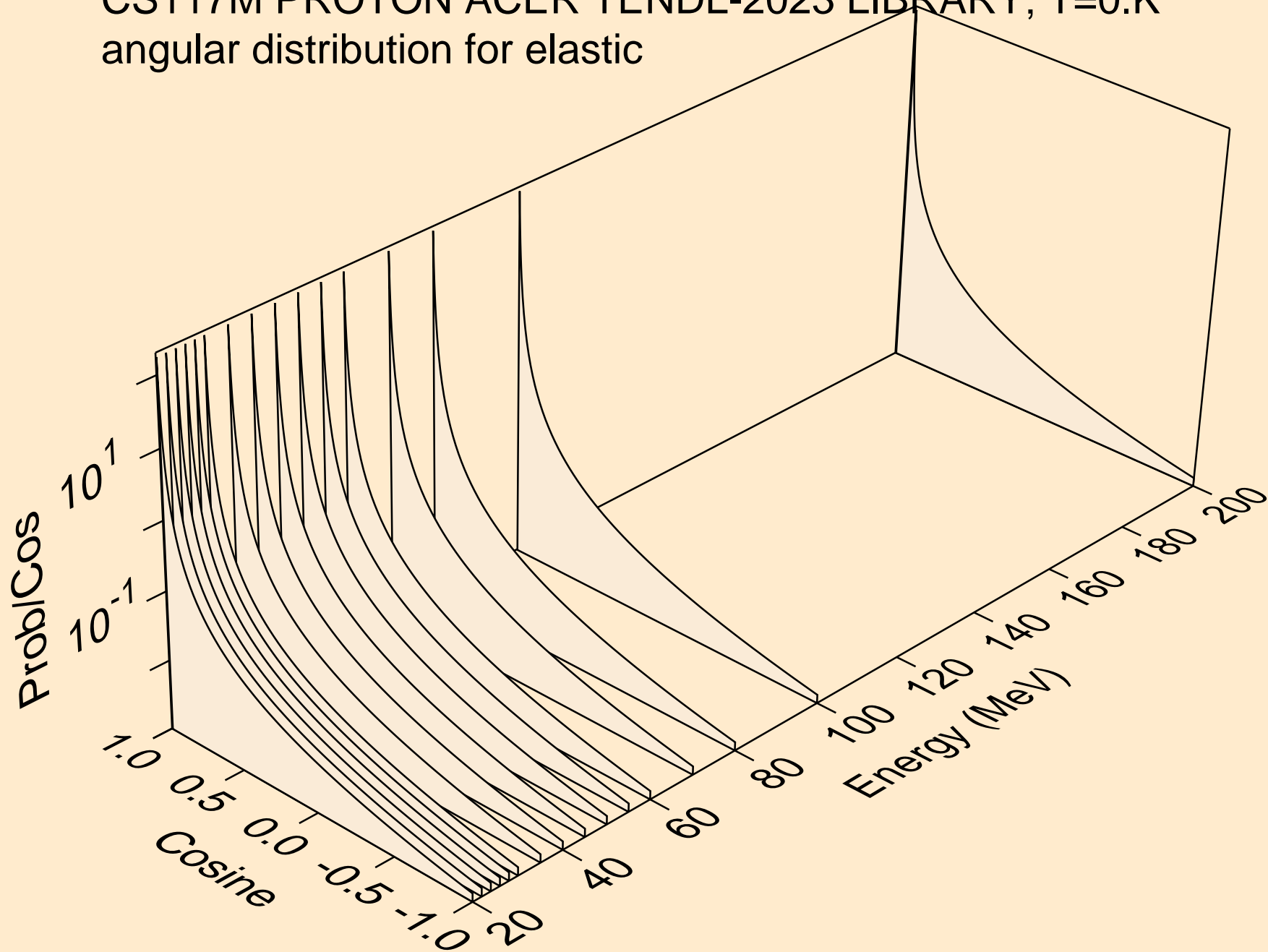


CS117M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

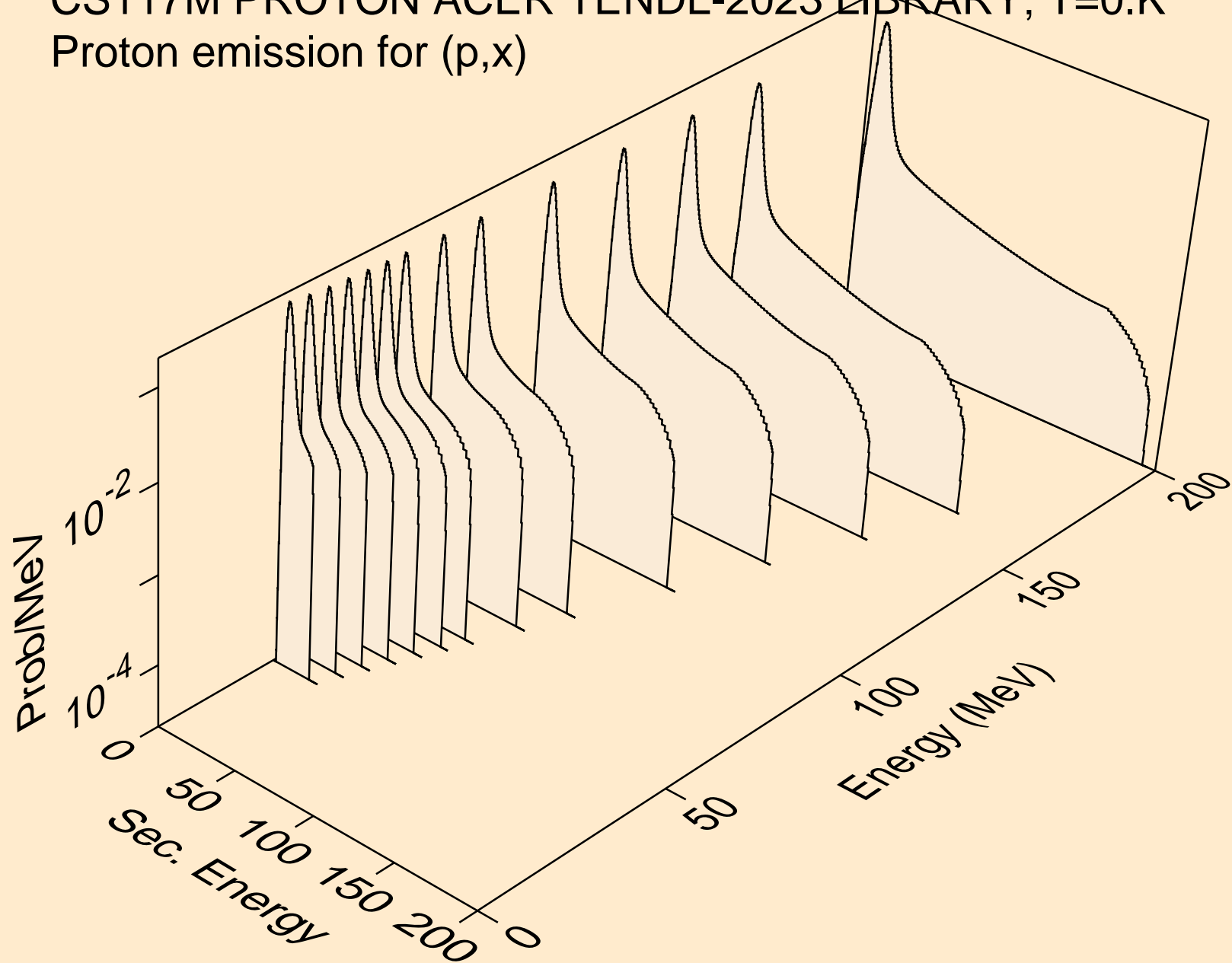




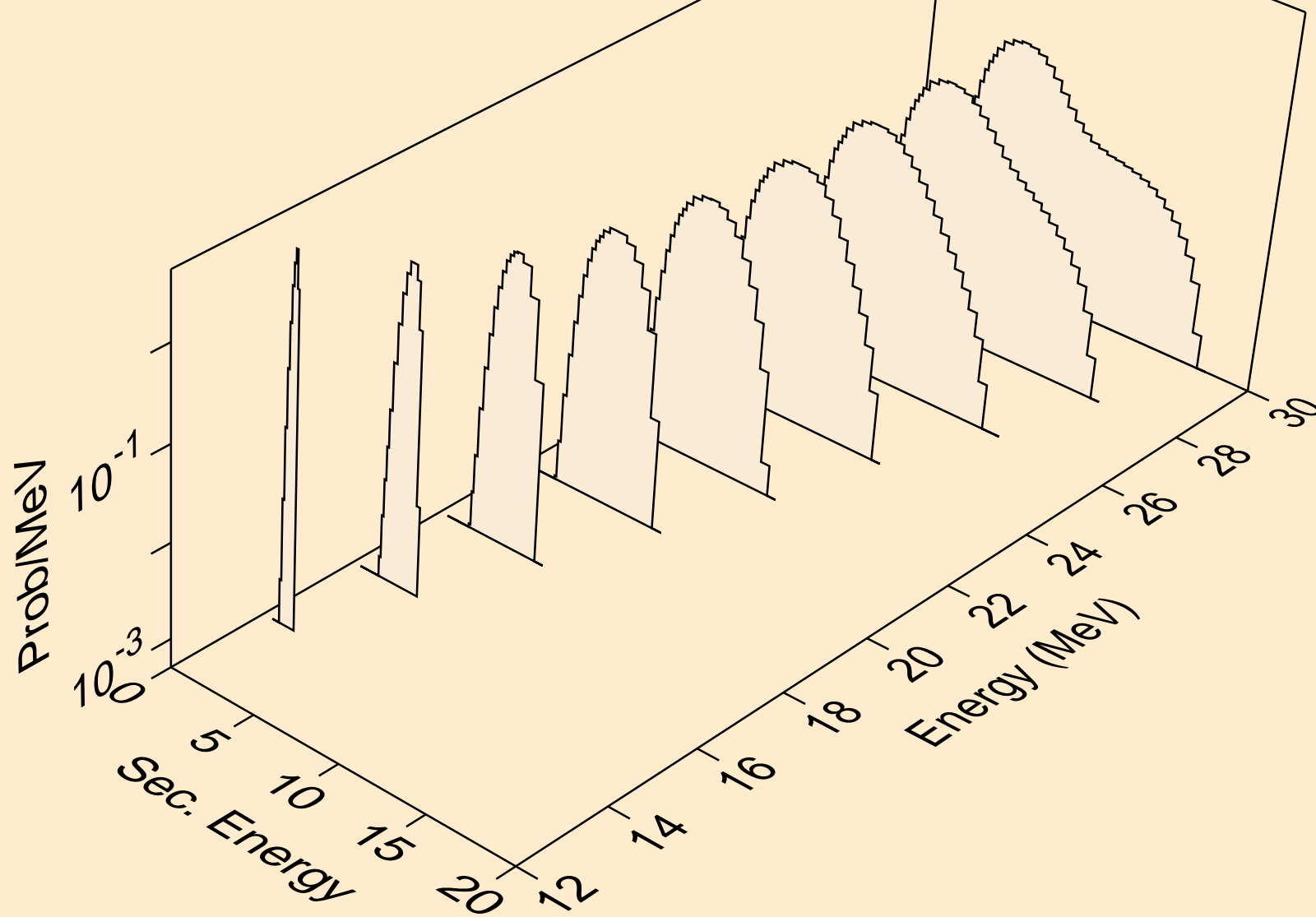
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angular distribution for elastic



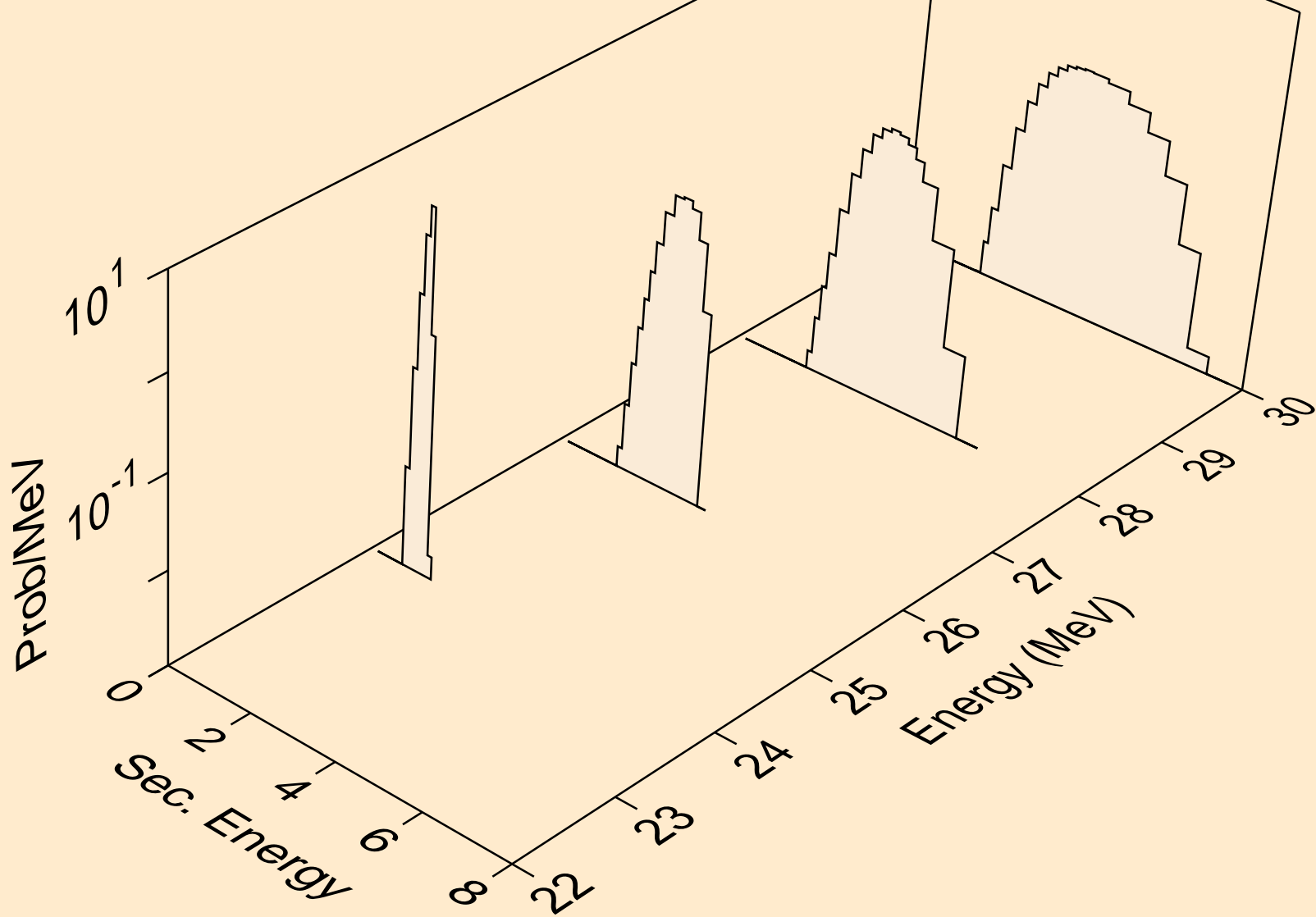
CS117M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



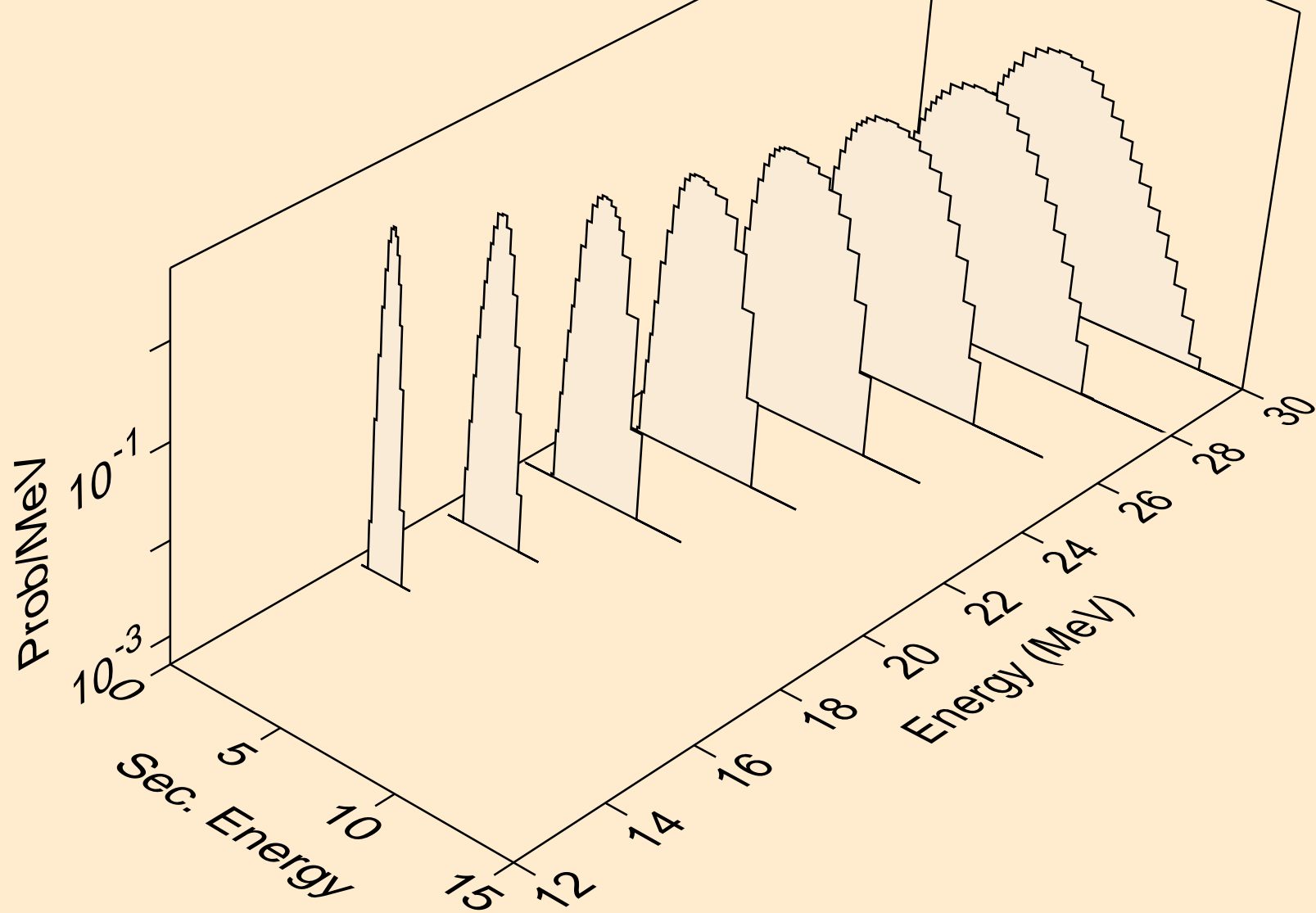
CS117M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



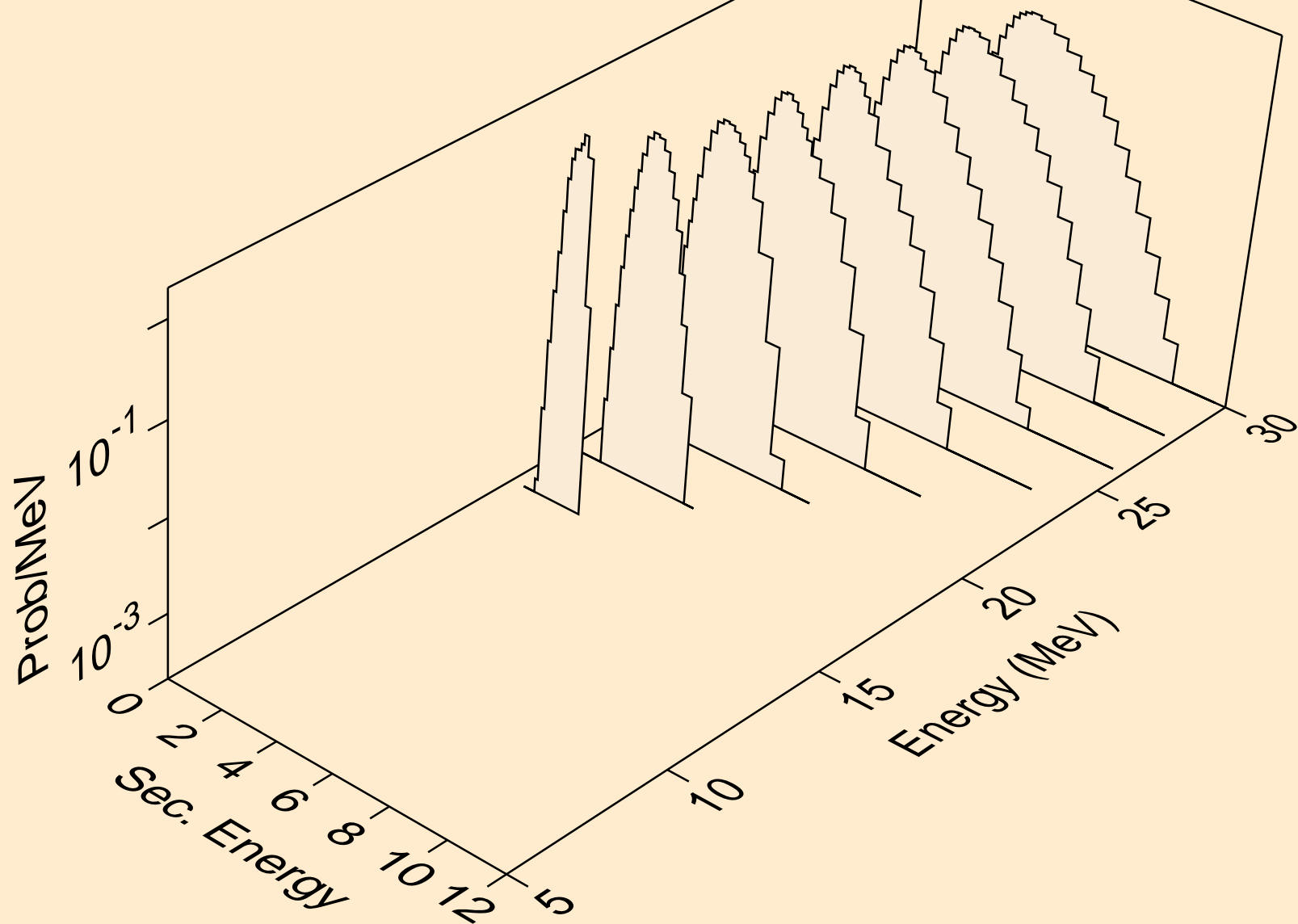
CS117M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



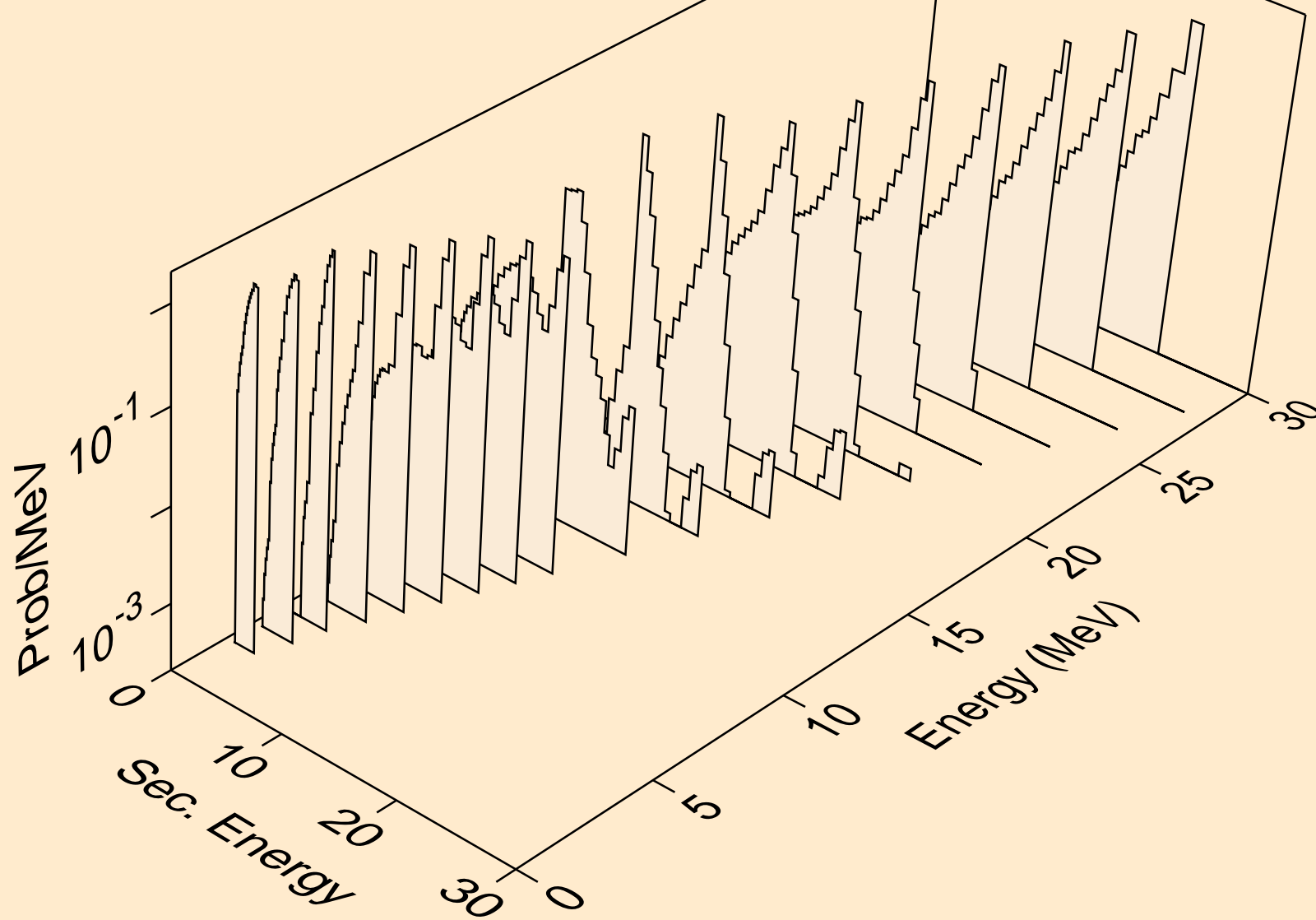
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Proton emission for (p,n2p)



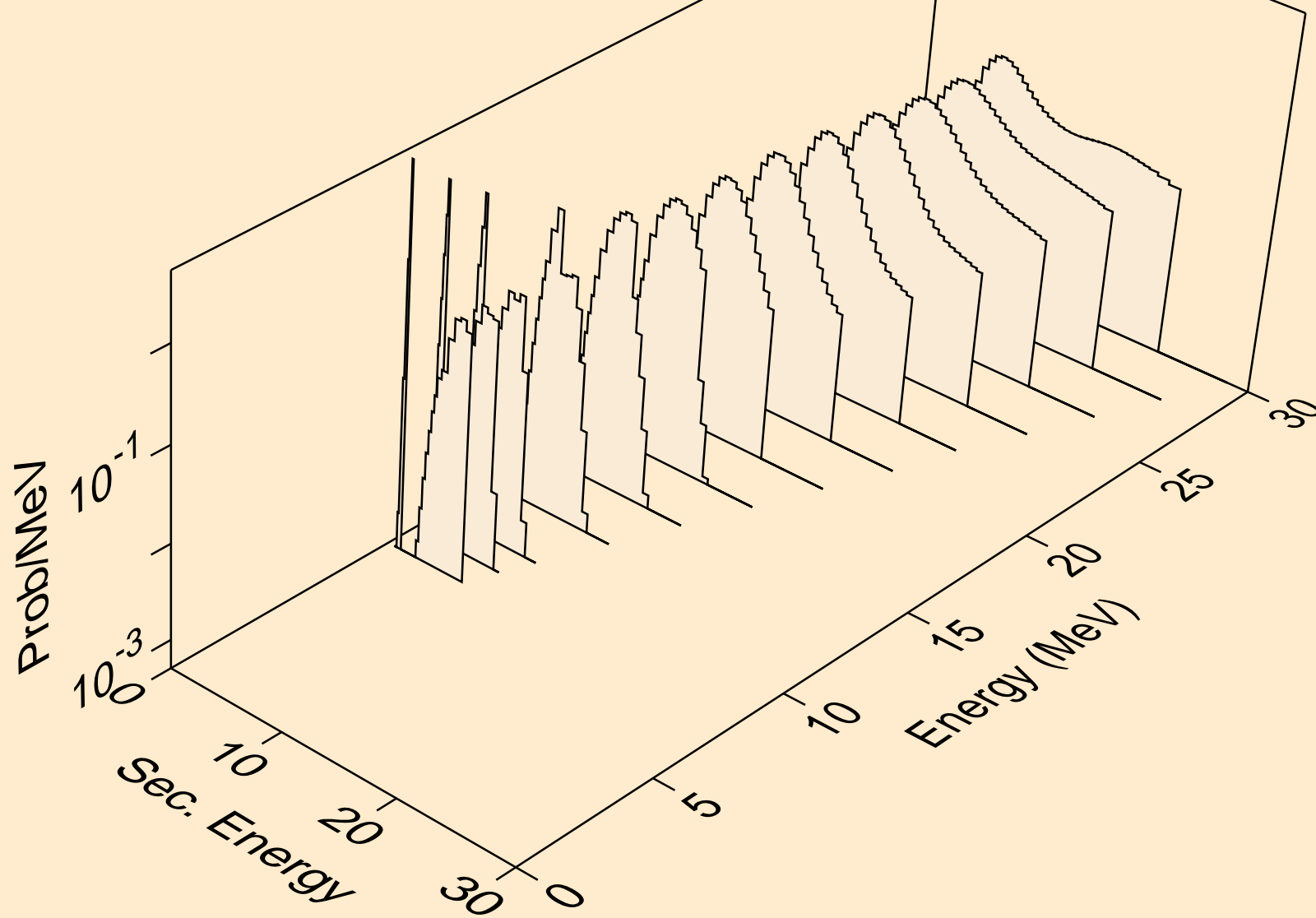
CS117M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,npa)



CS117M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

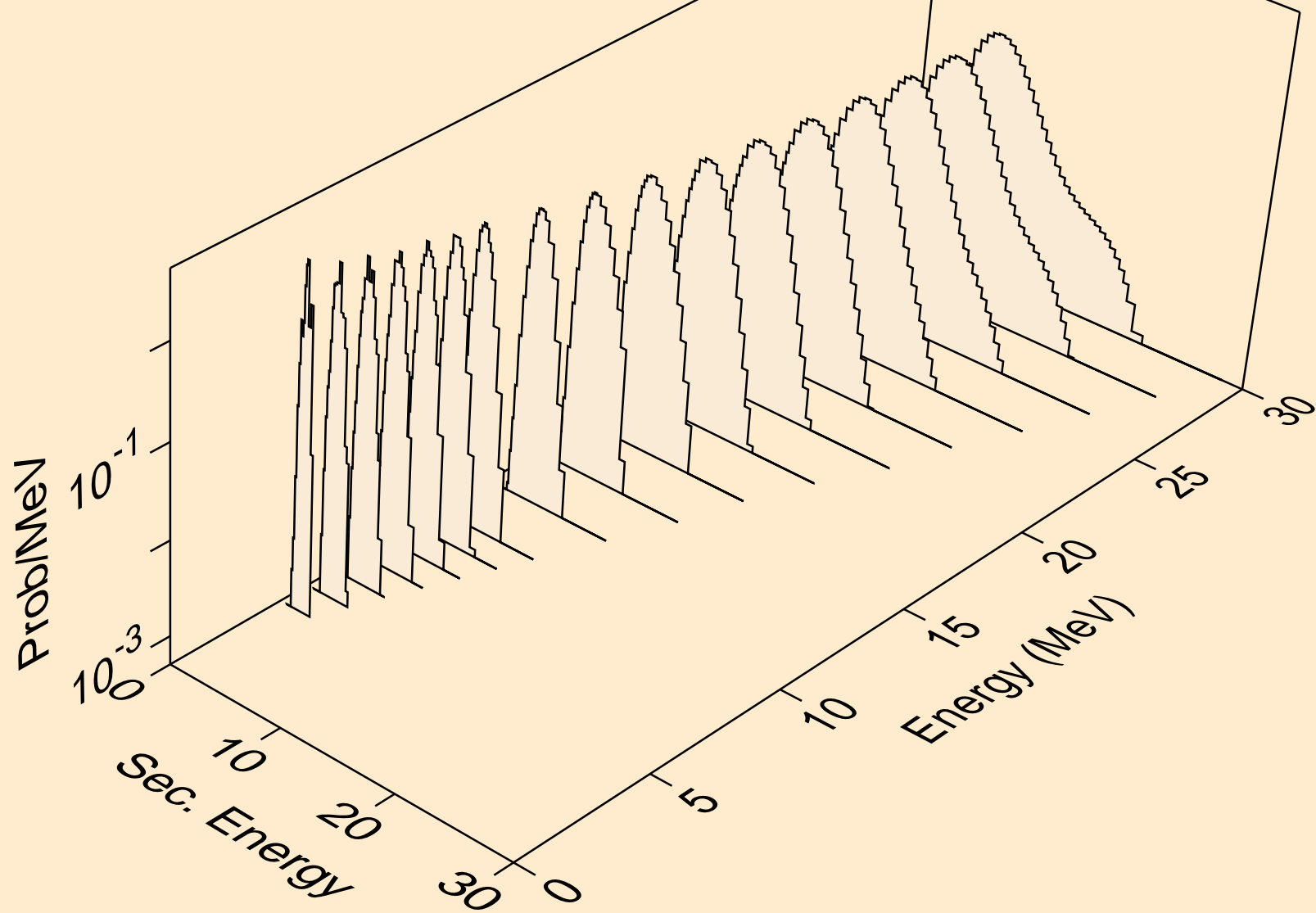


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Proton emission for (p,2p)

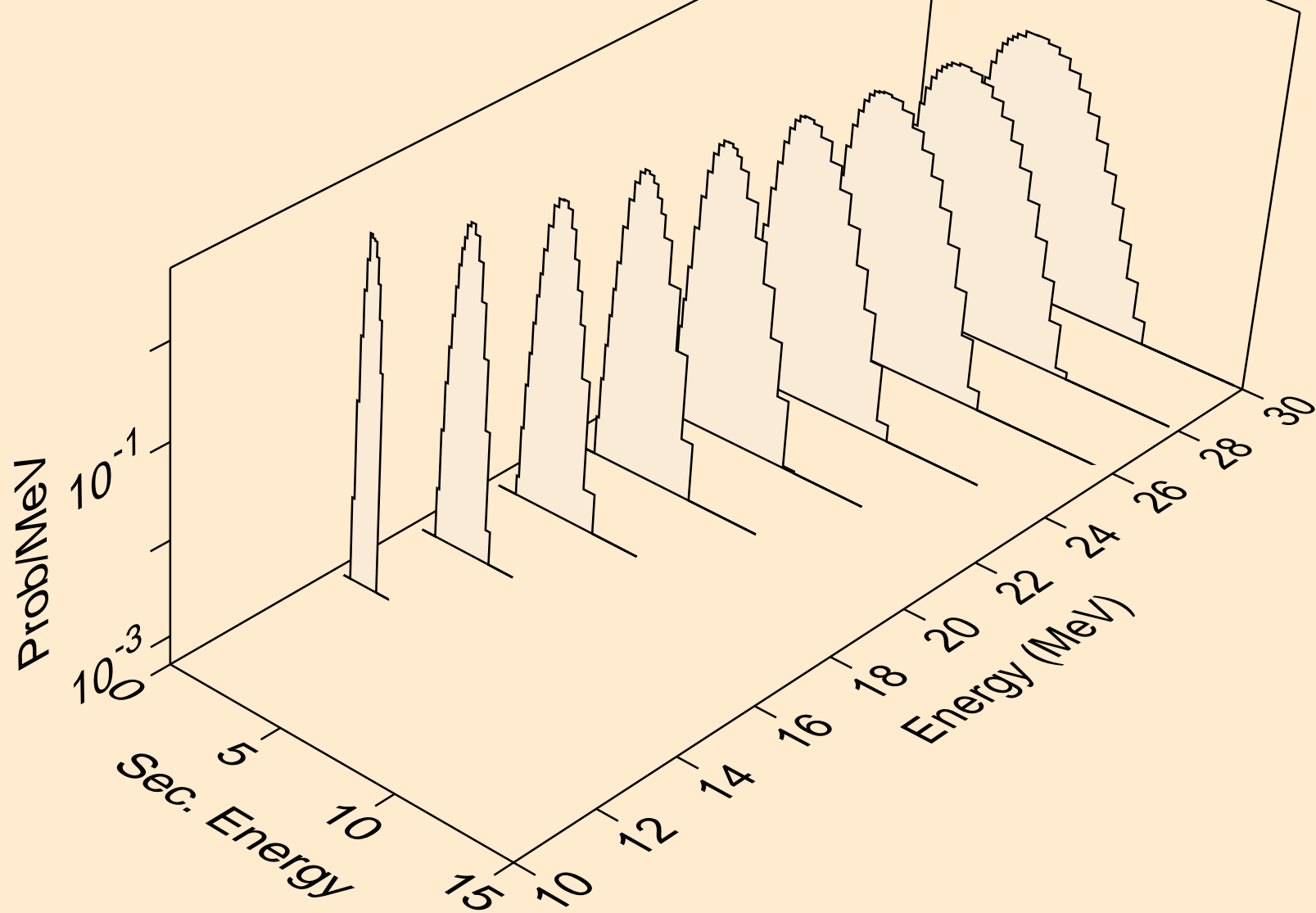




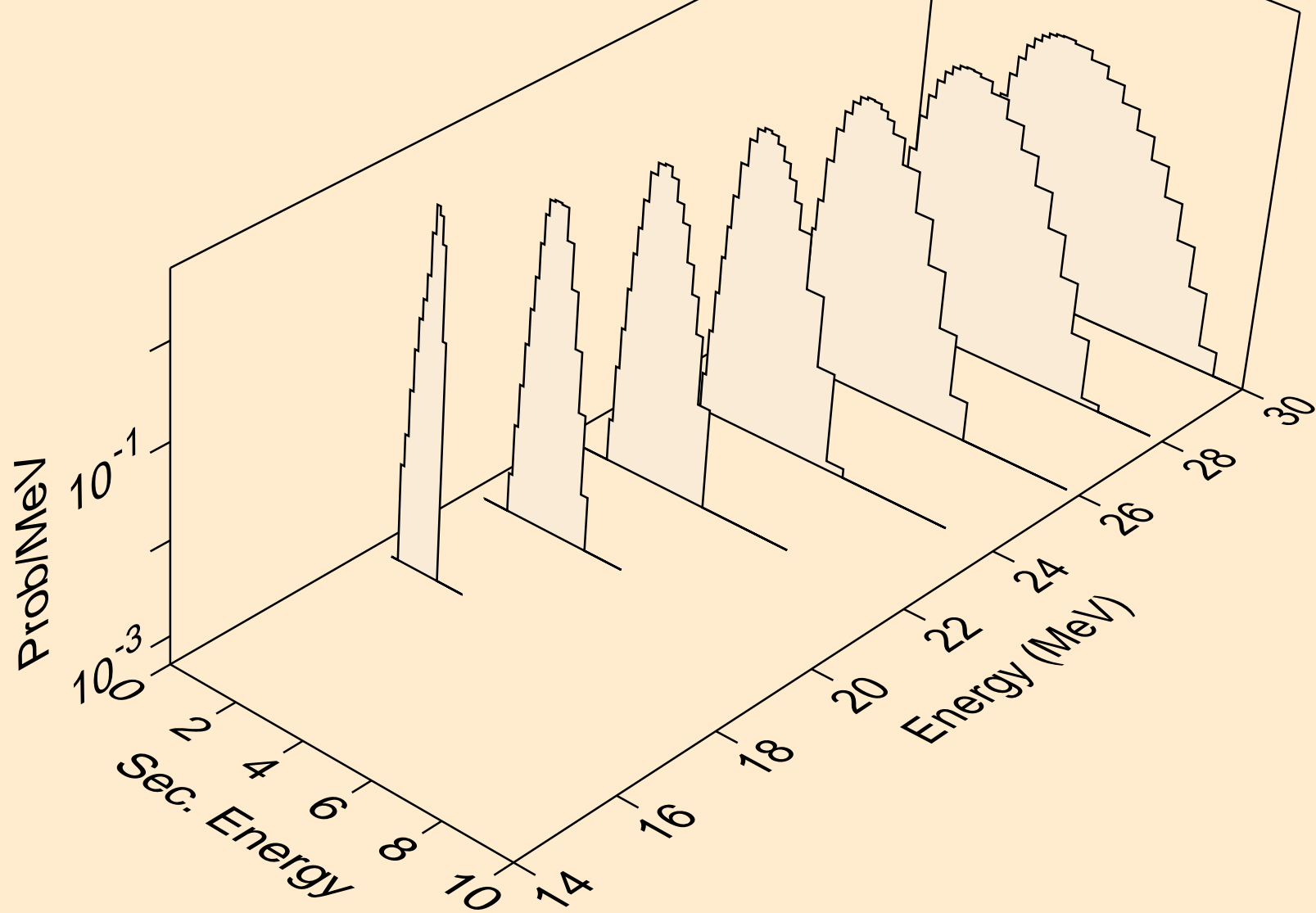
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Proton emission for (p,pa)



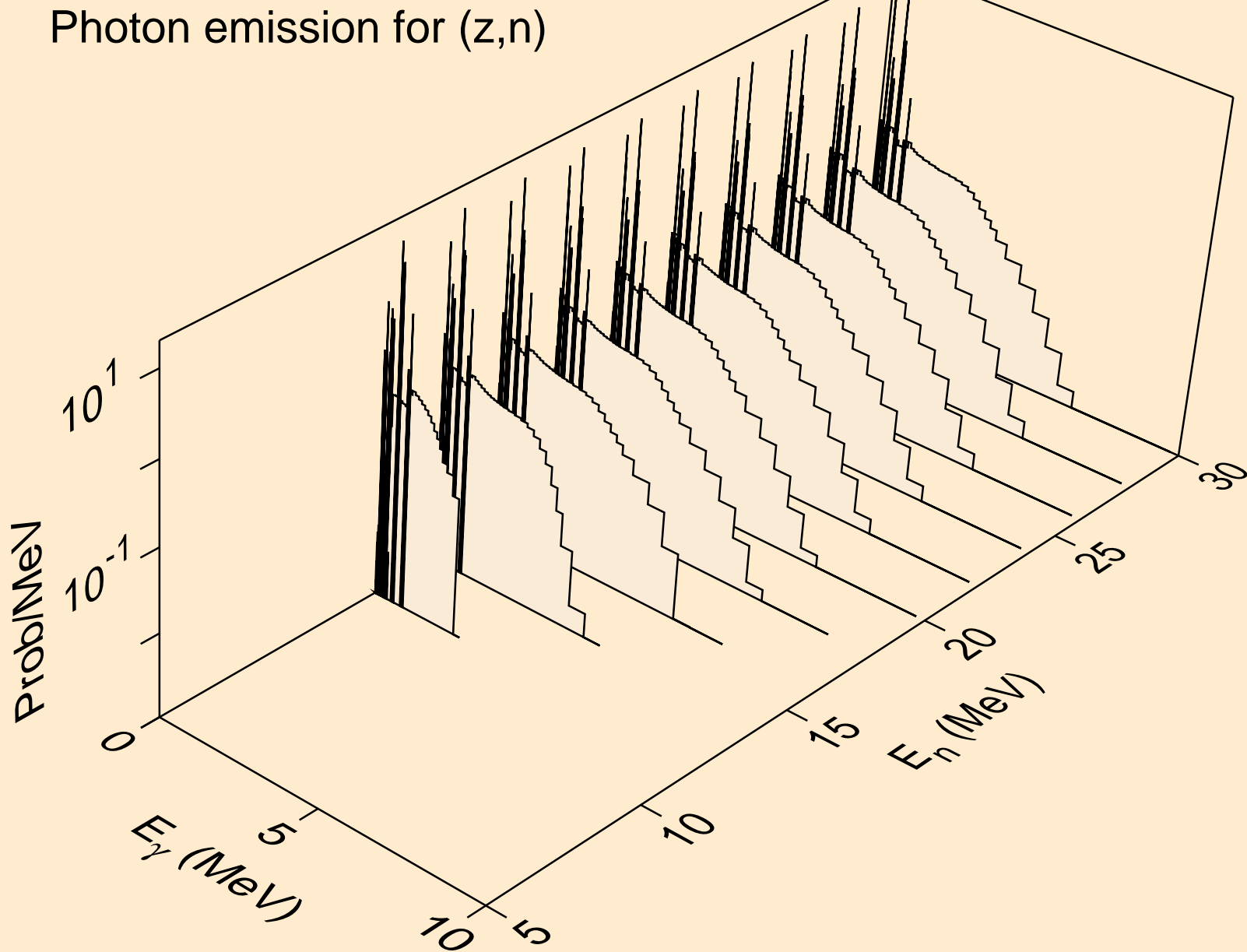
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Proton emission for (p,pd)



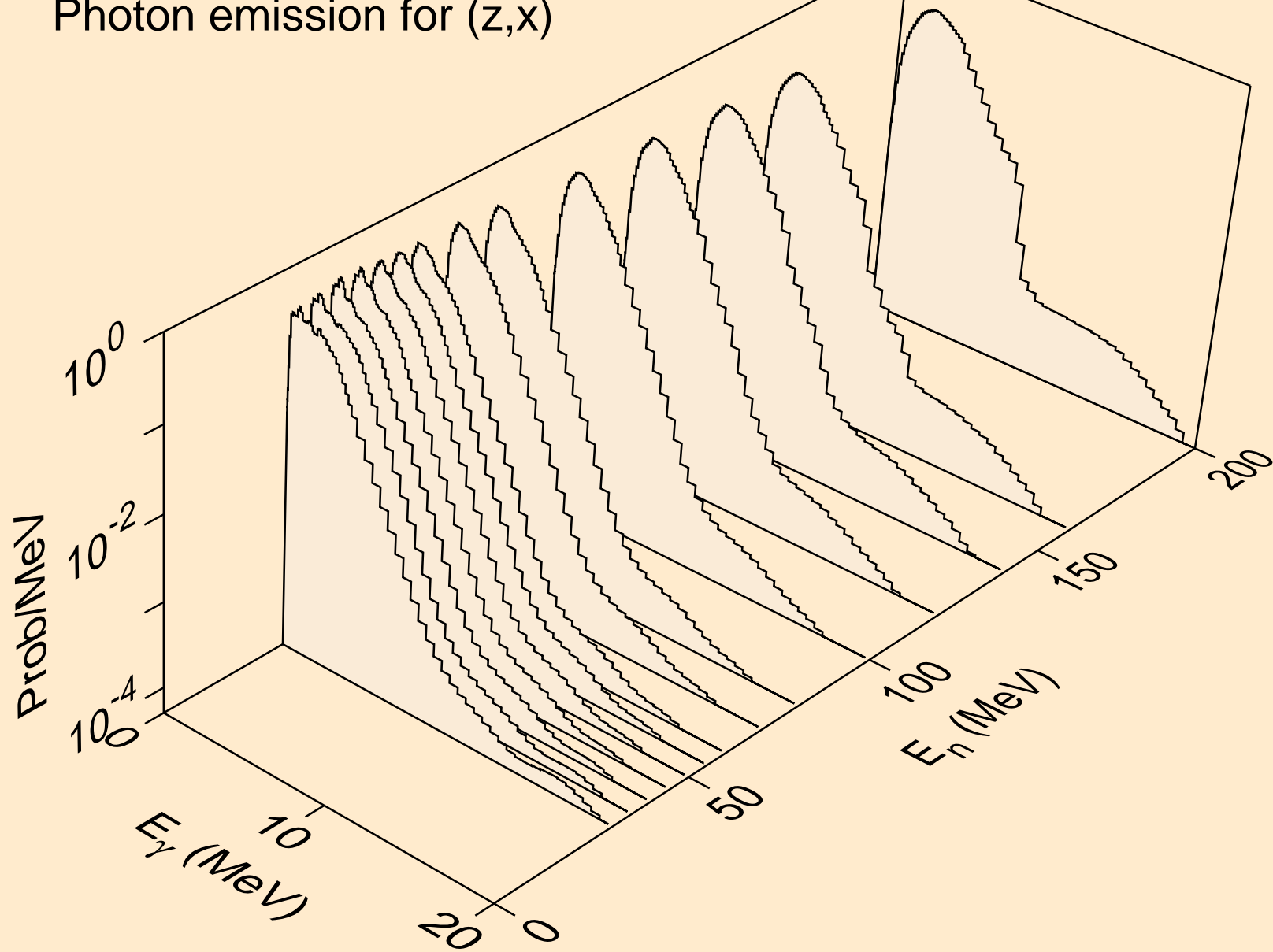
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Proton emission for (p,pt)



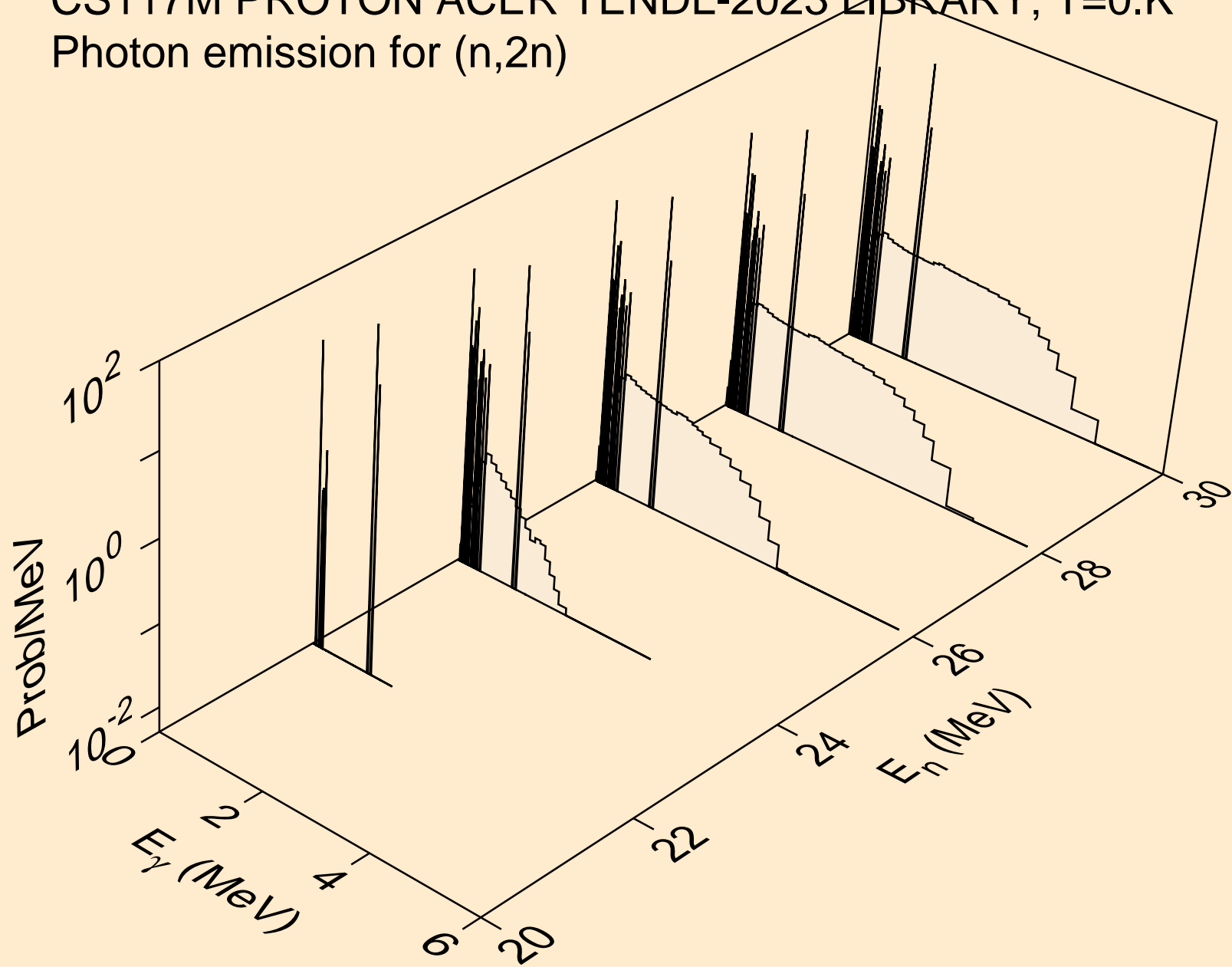
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Photon emission for (z,n)



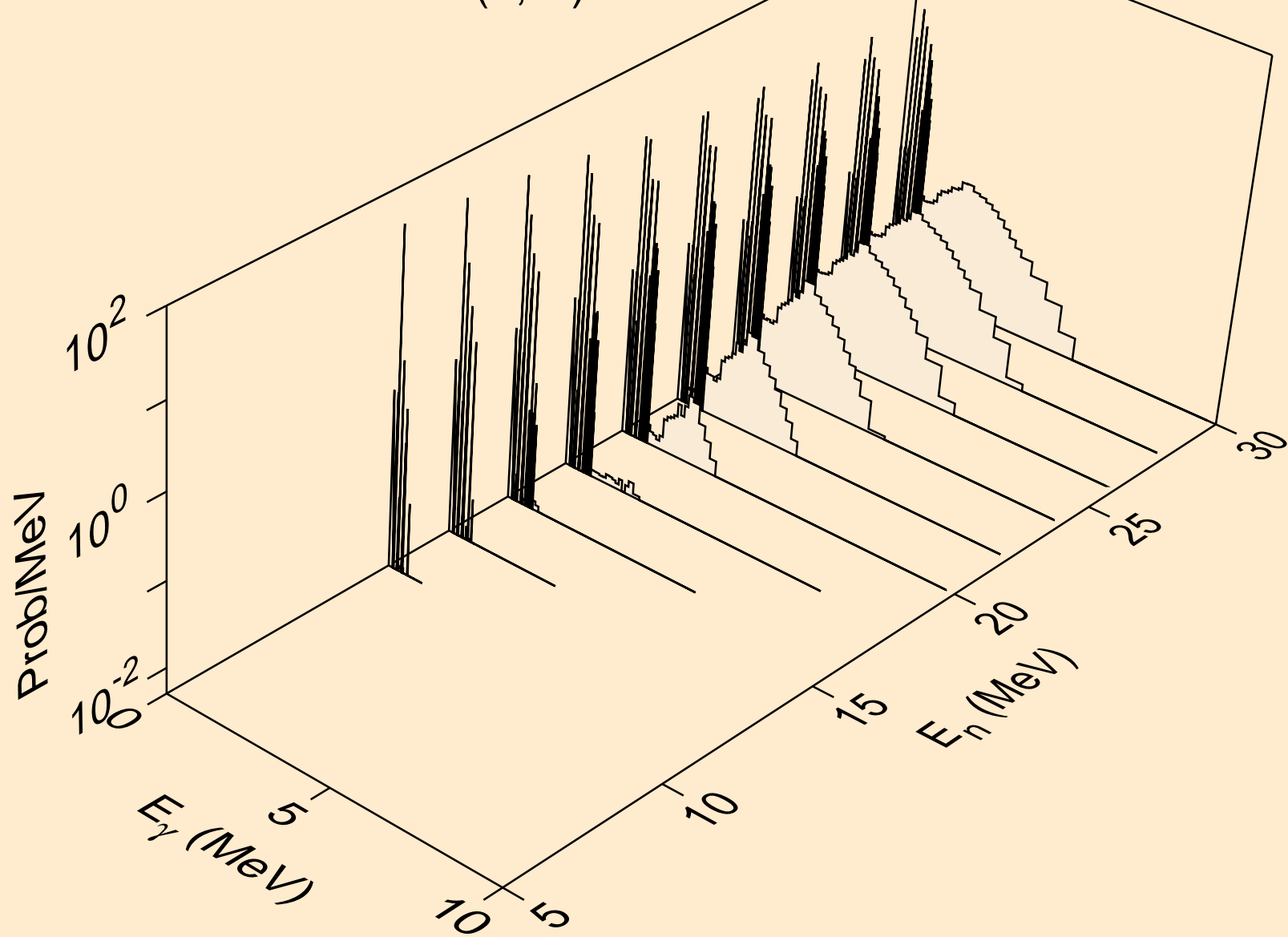
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Photon emission for (z,x)



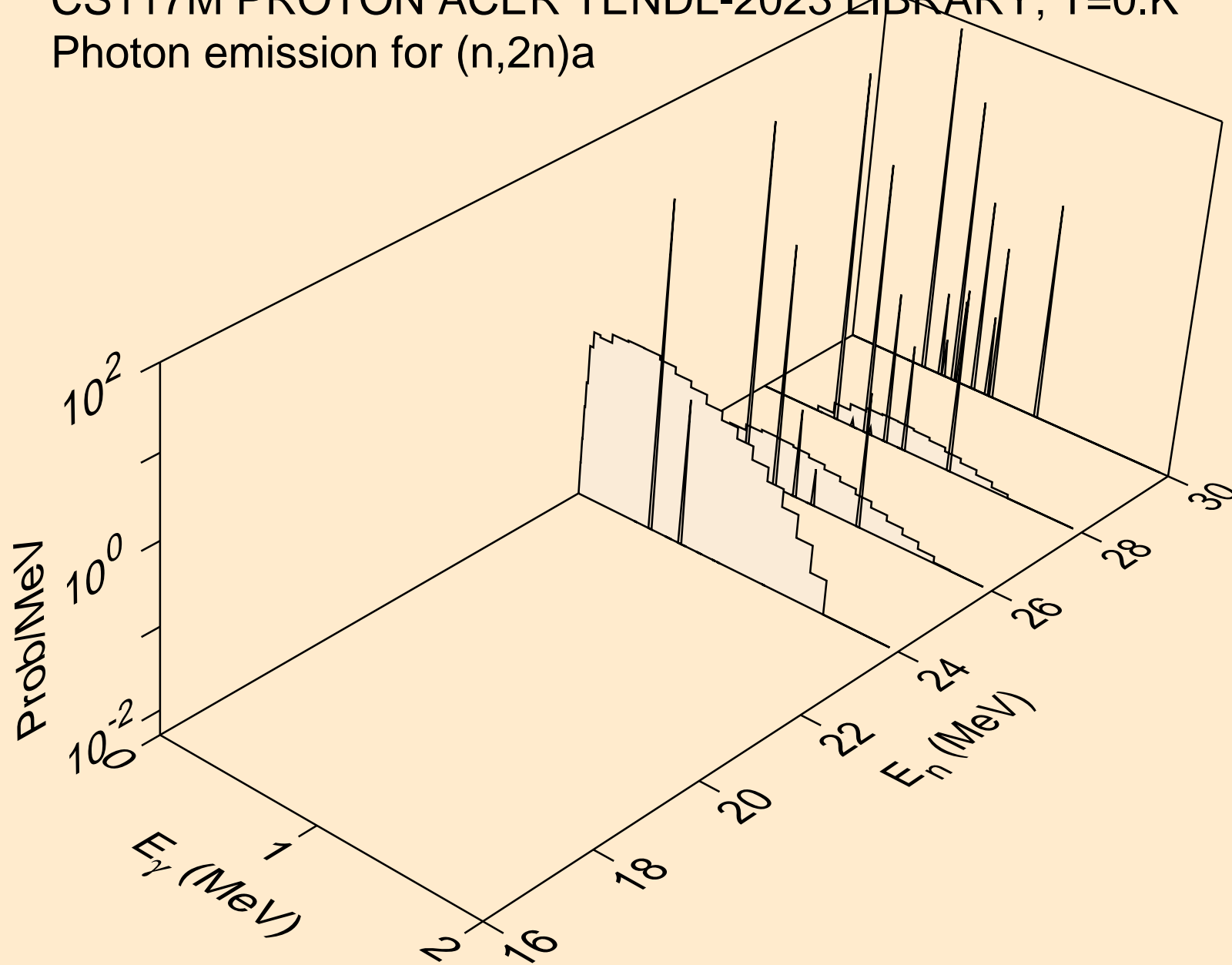
CS117M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



CS117M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

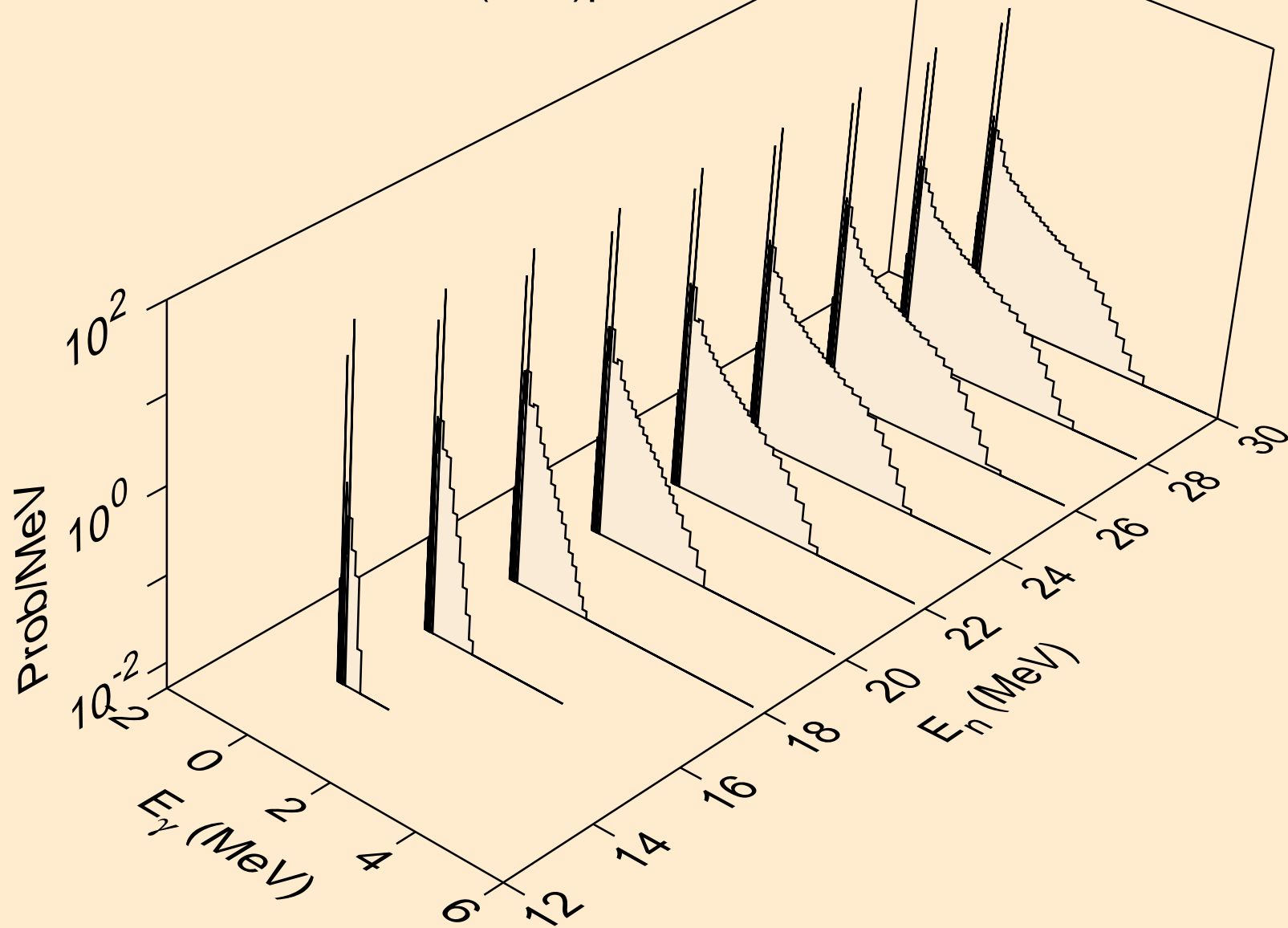


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Photon emission for (n,2n)a

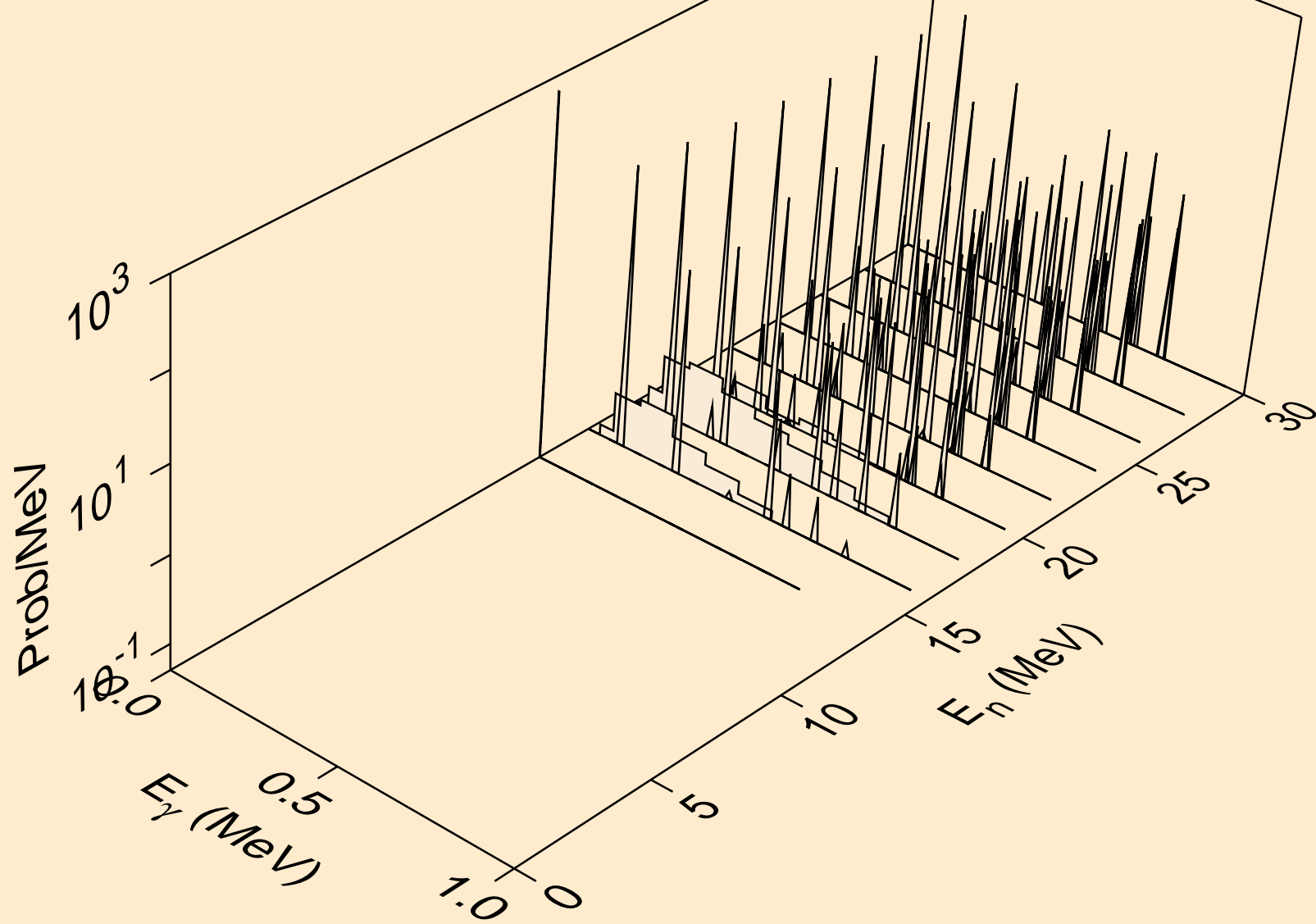




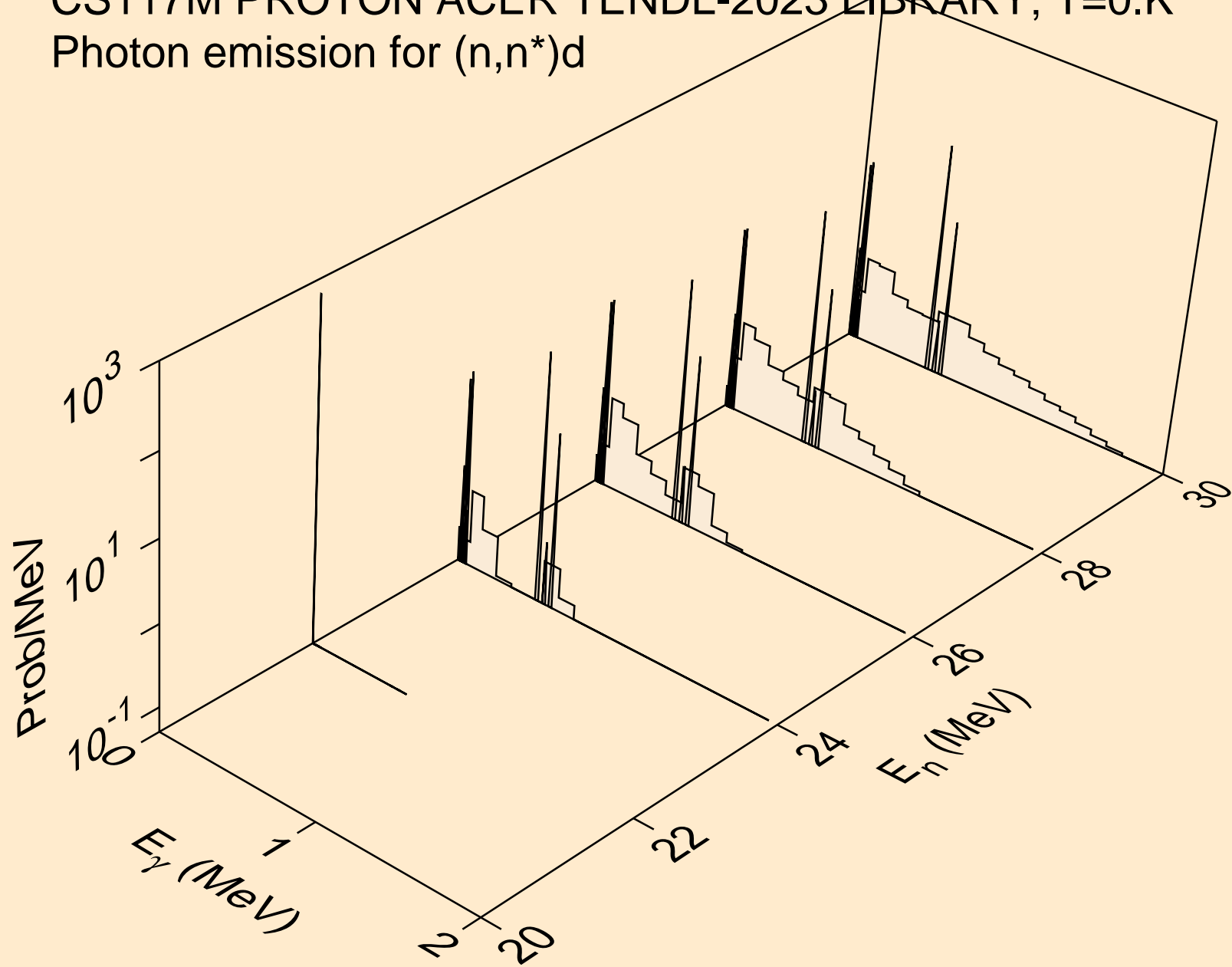
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Photon emission for (n,n\*)p



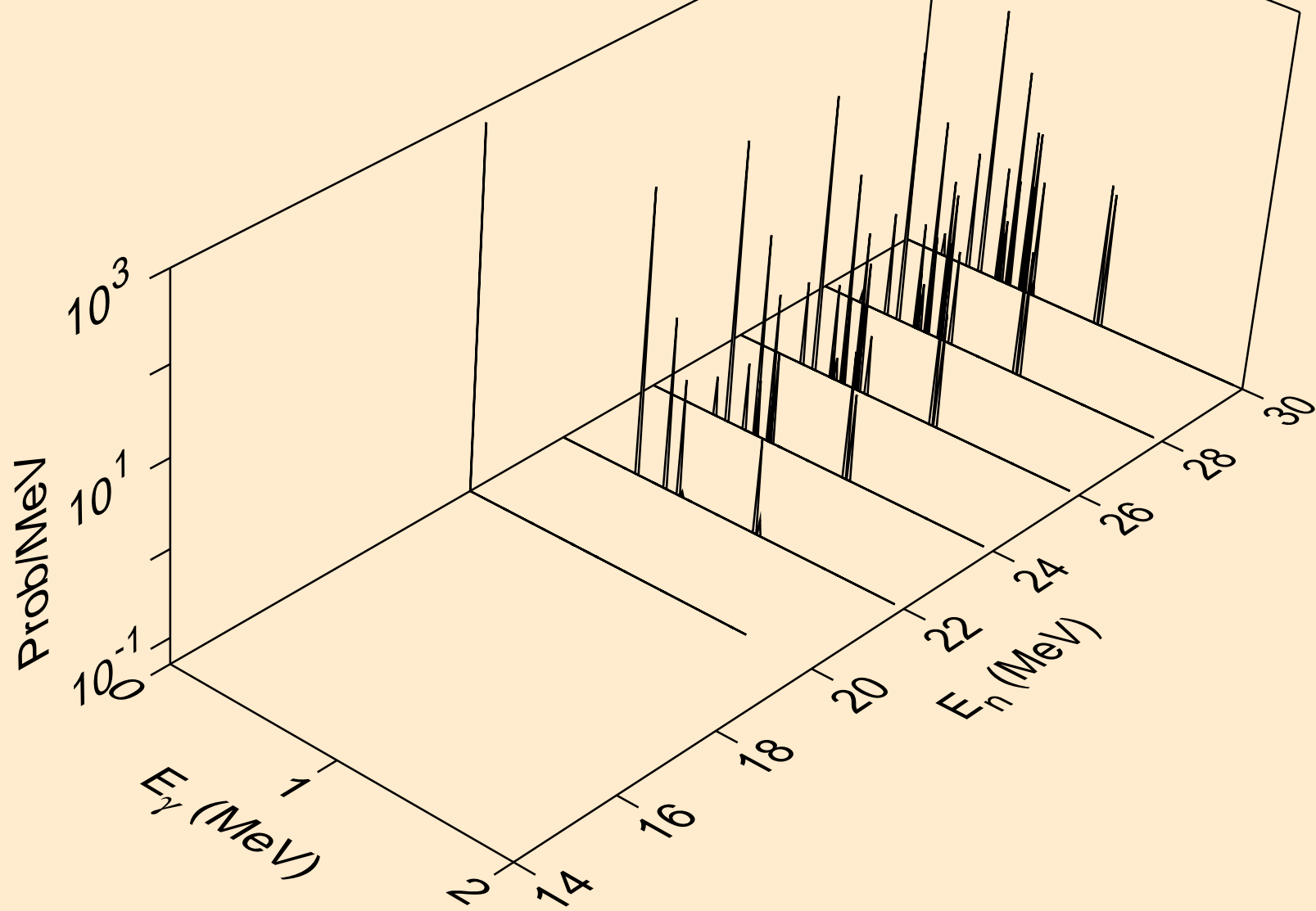
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Photon emission for (n,n\*)2a



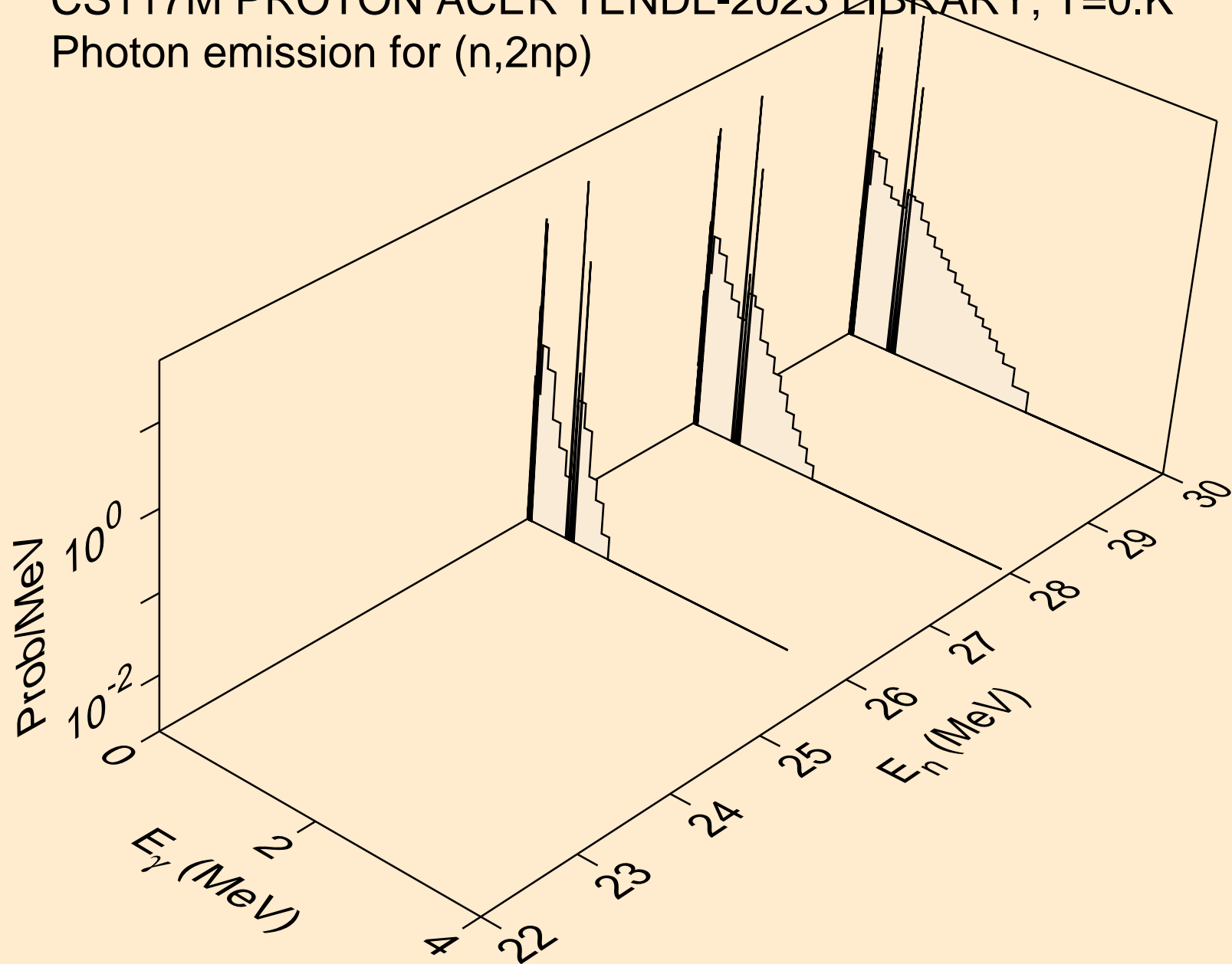
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Photon emission for (n,n\*)d



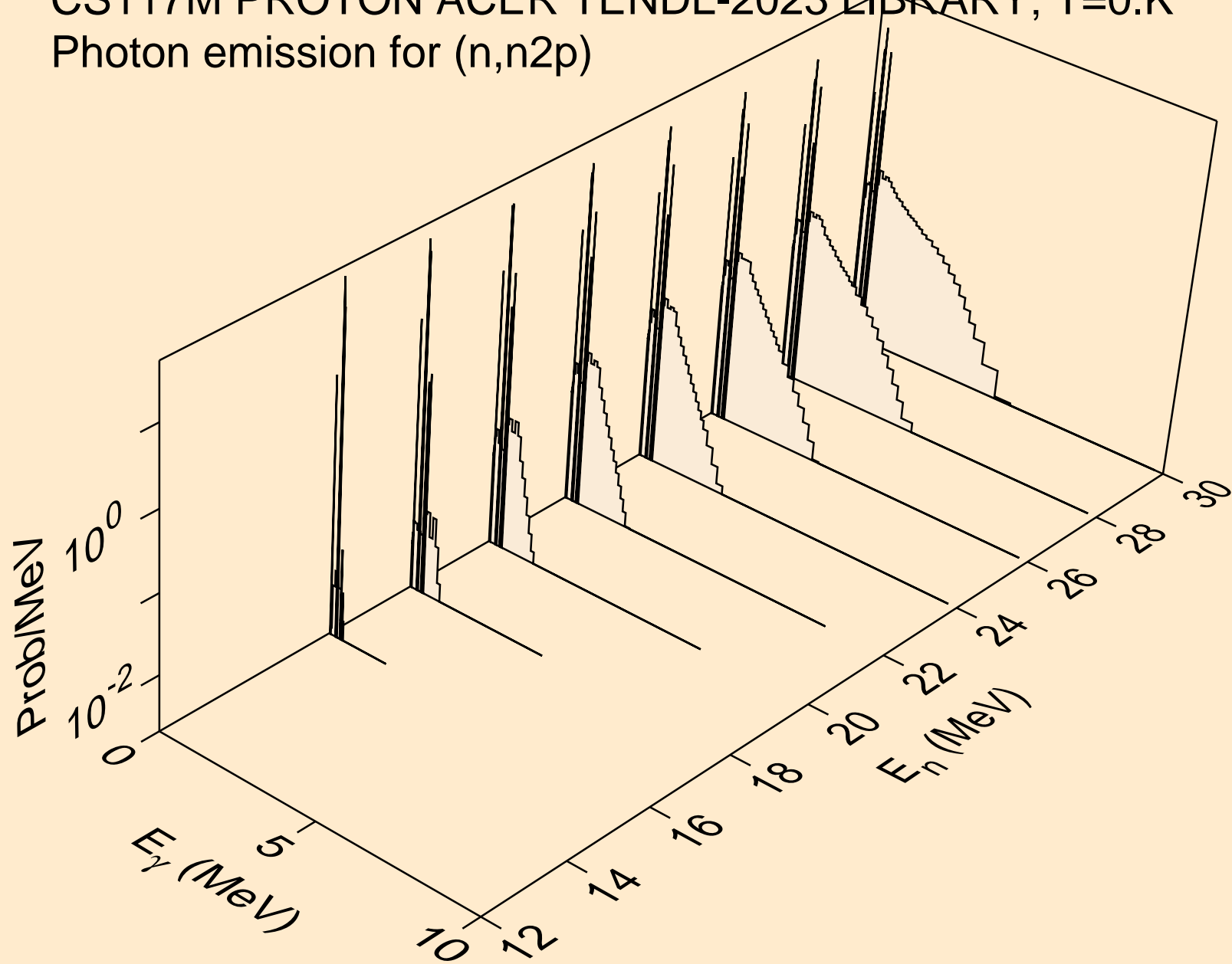
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Photon emission for (n,n\*)he3



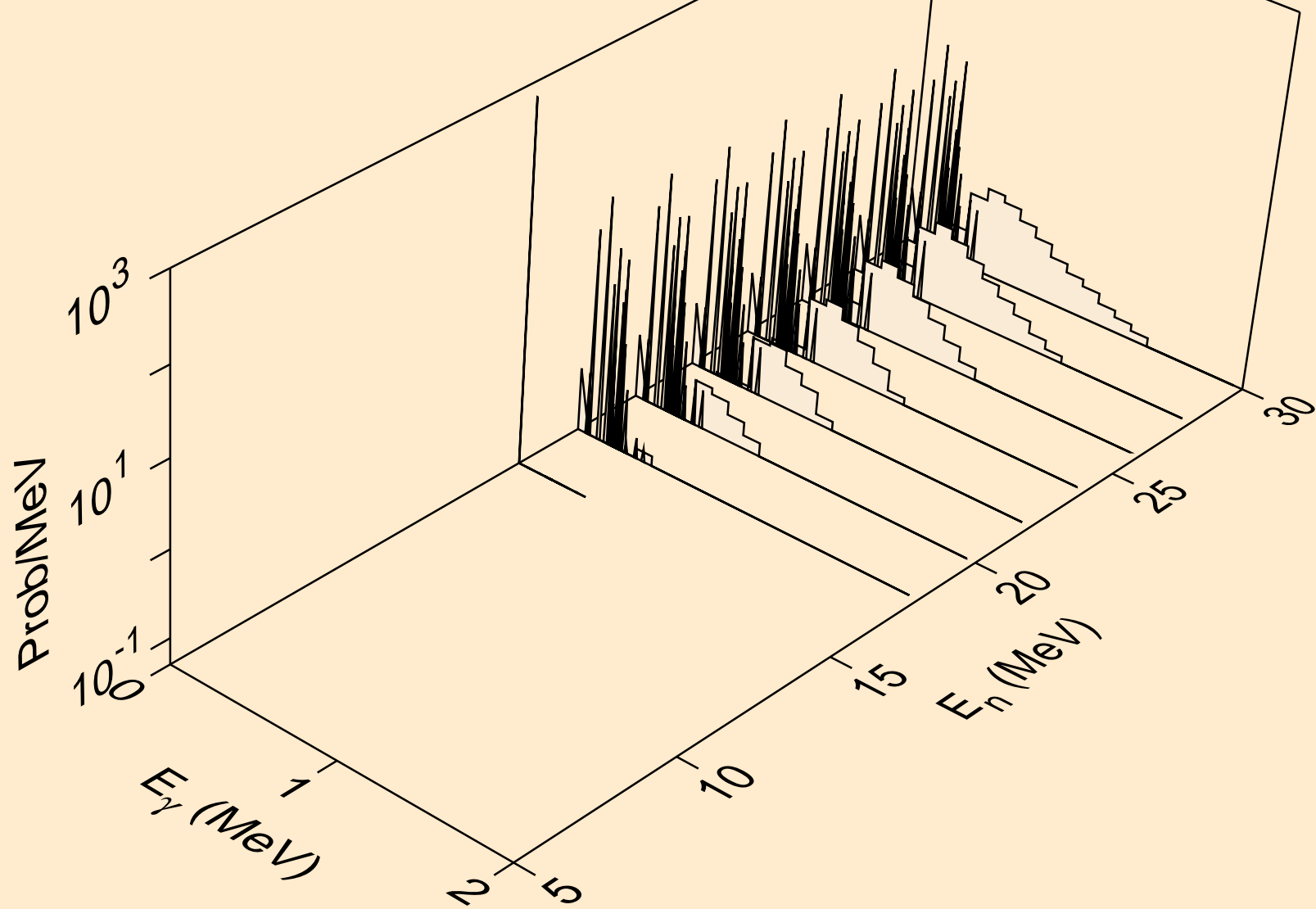
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Photon emission for (n,2np)



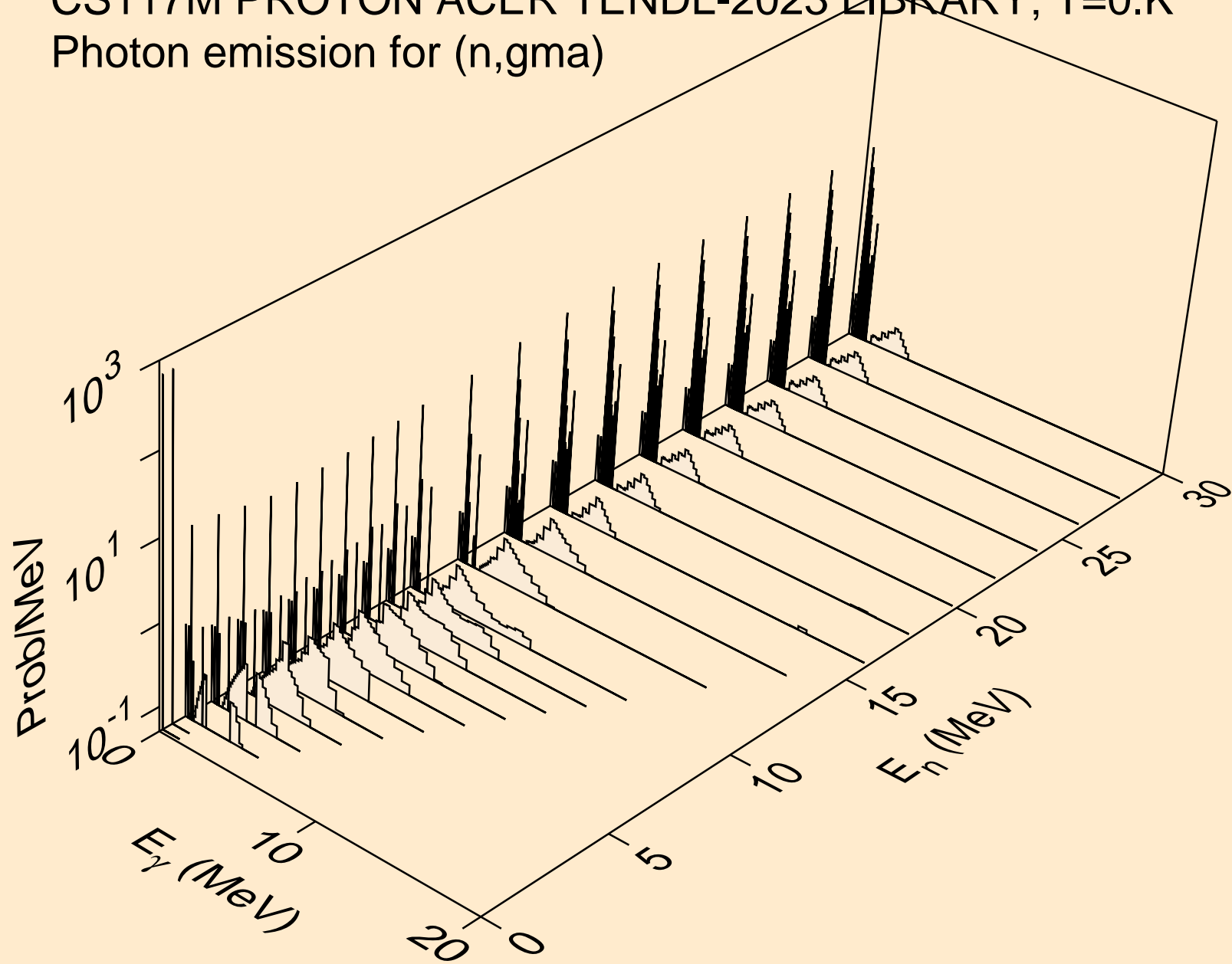
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Photon emission for (n,n2p)



CS117M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)

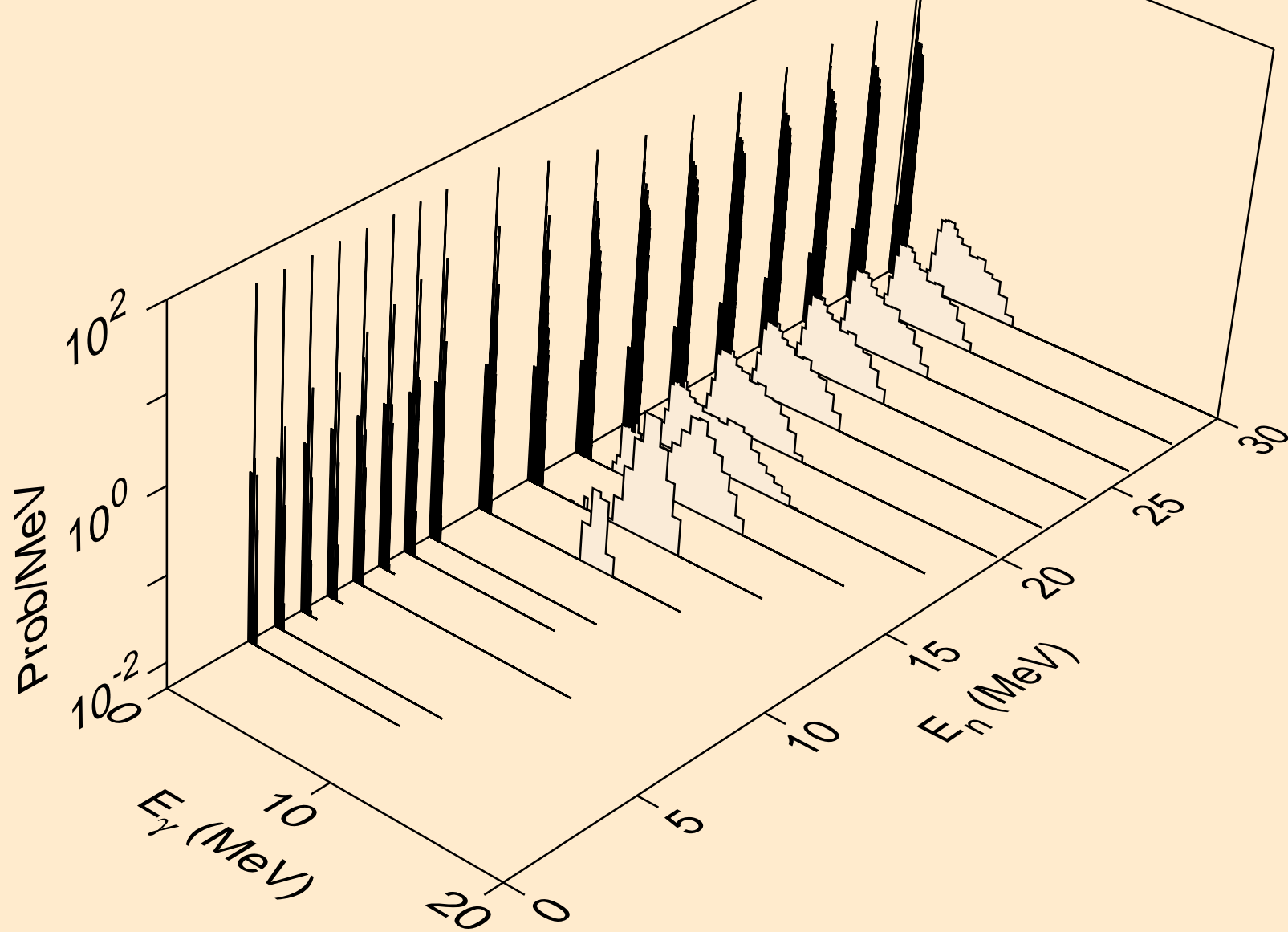


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Photon emission for (n,gma)

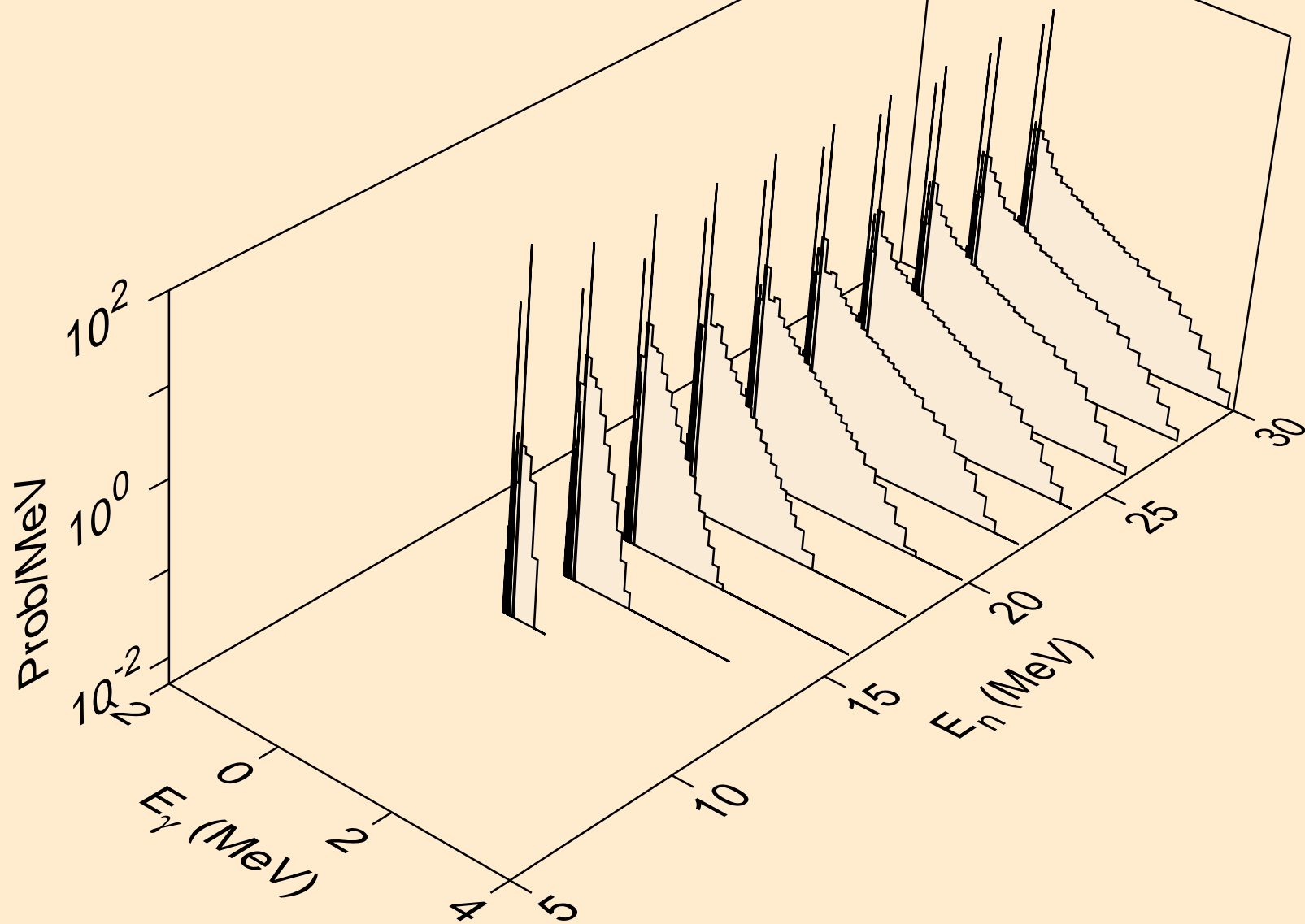




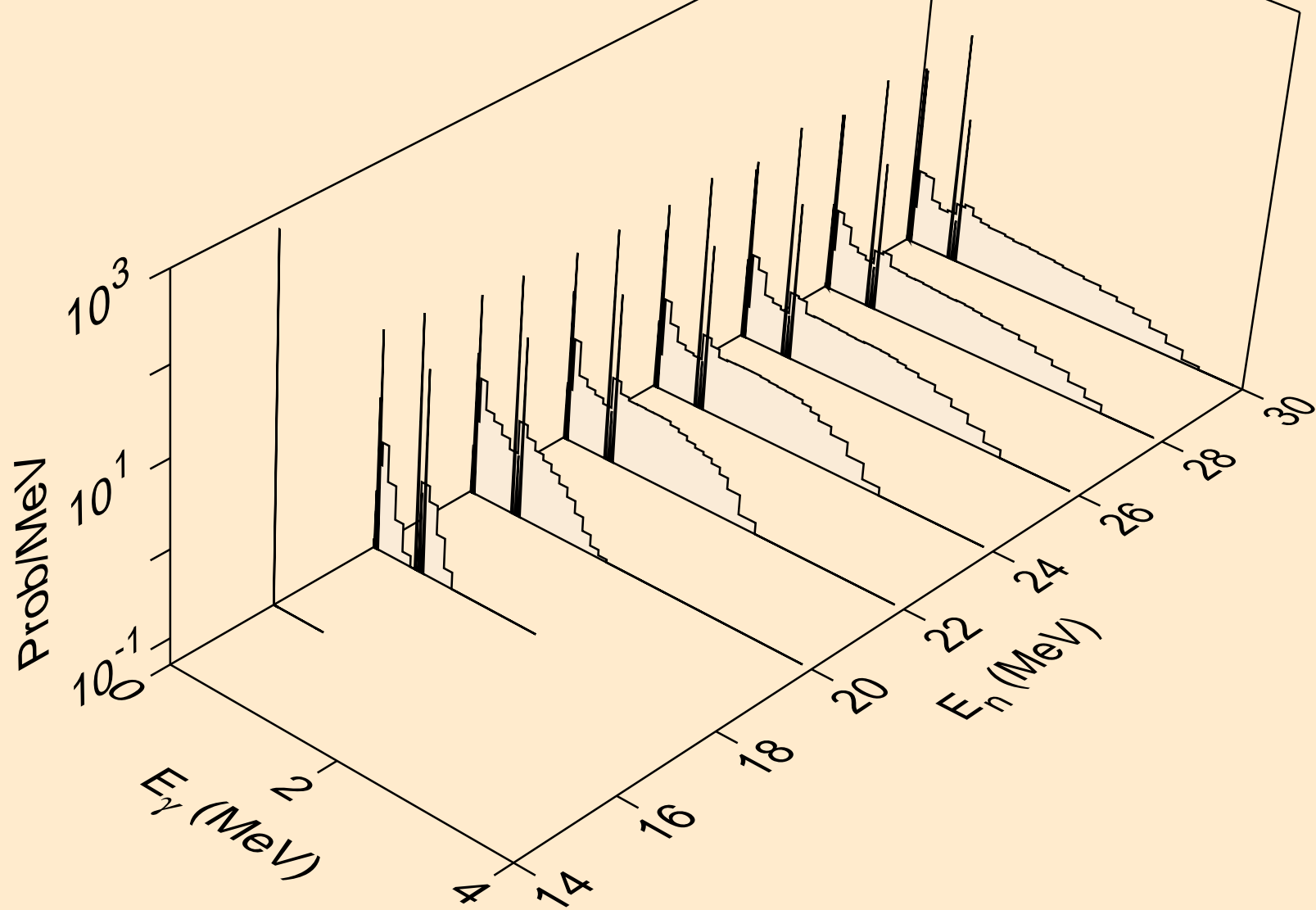
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Photon emission for inelastic



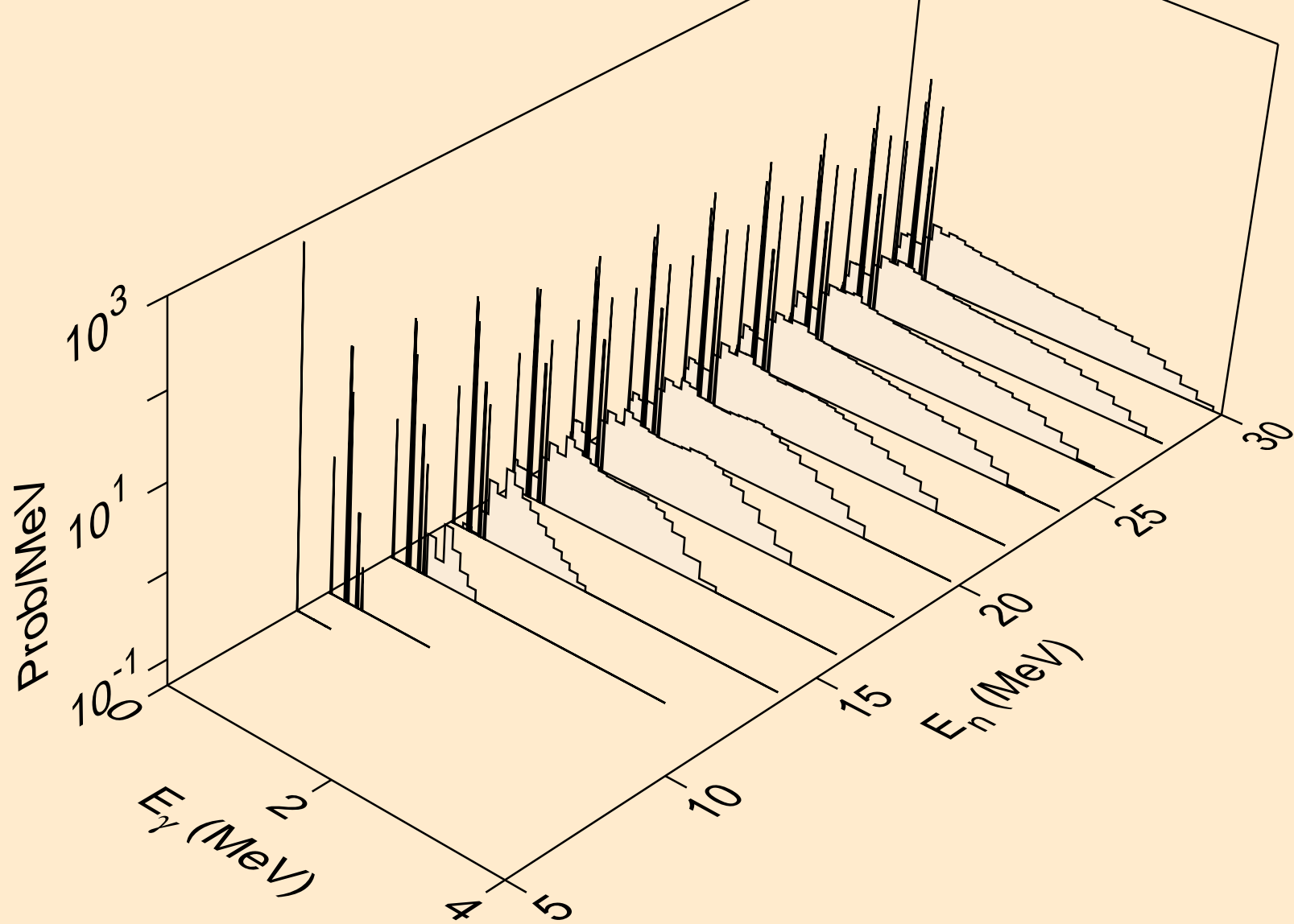
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Photon emission for (n,d)



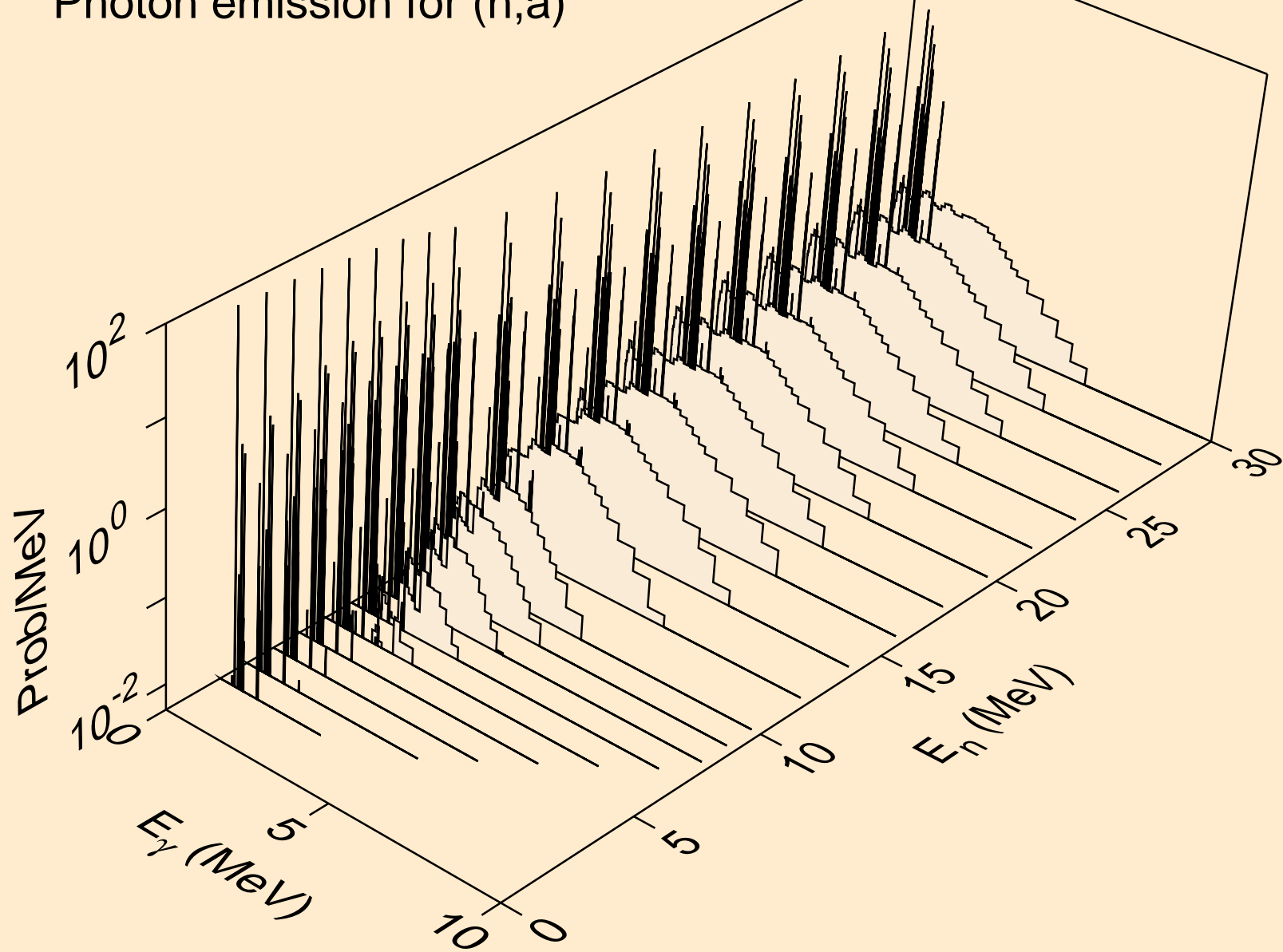
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Photon emission for (n,t)



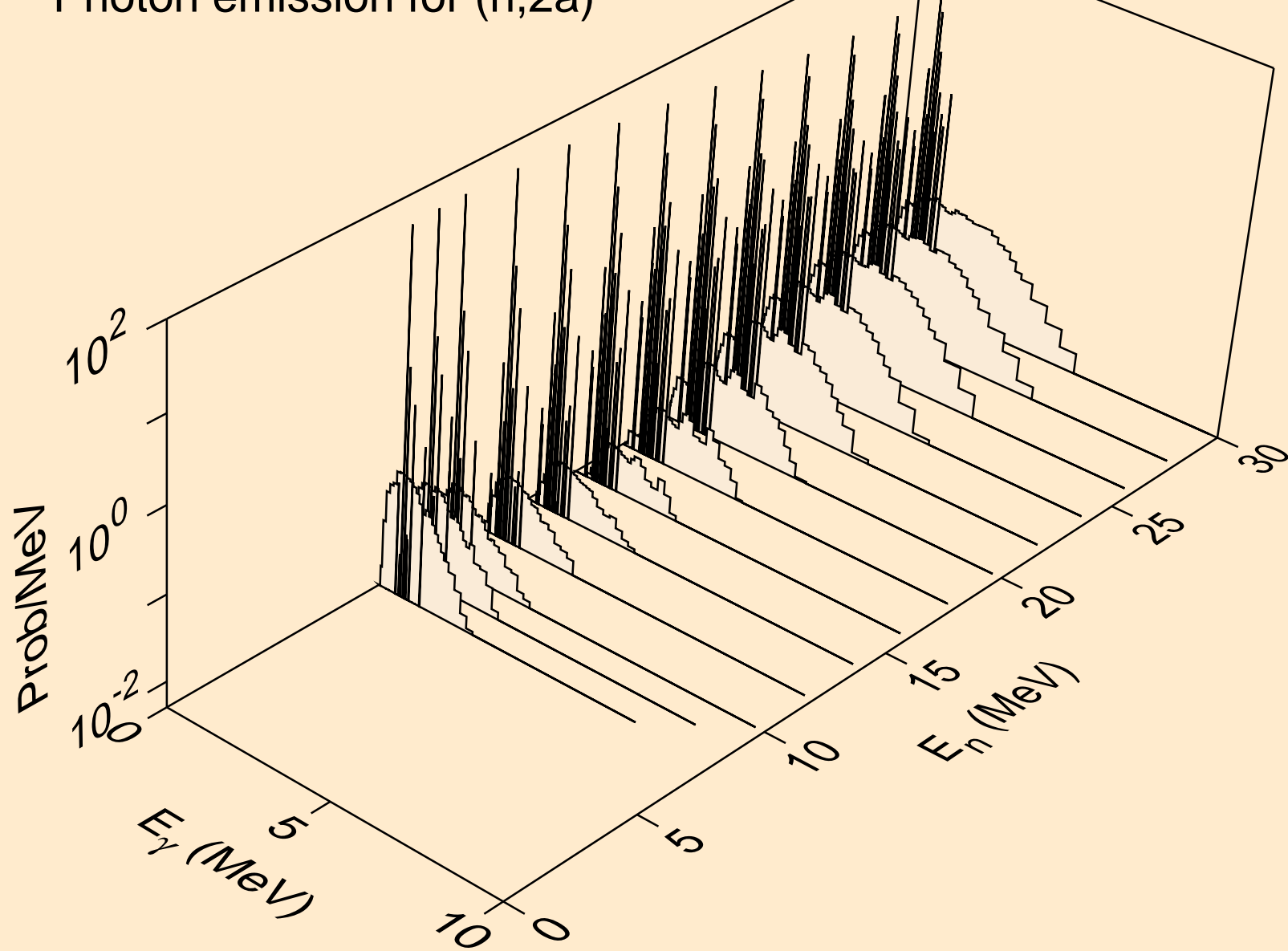
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Photon emission for (n,he3)



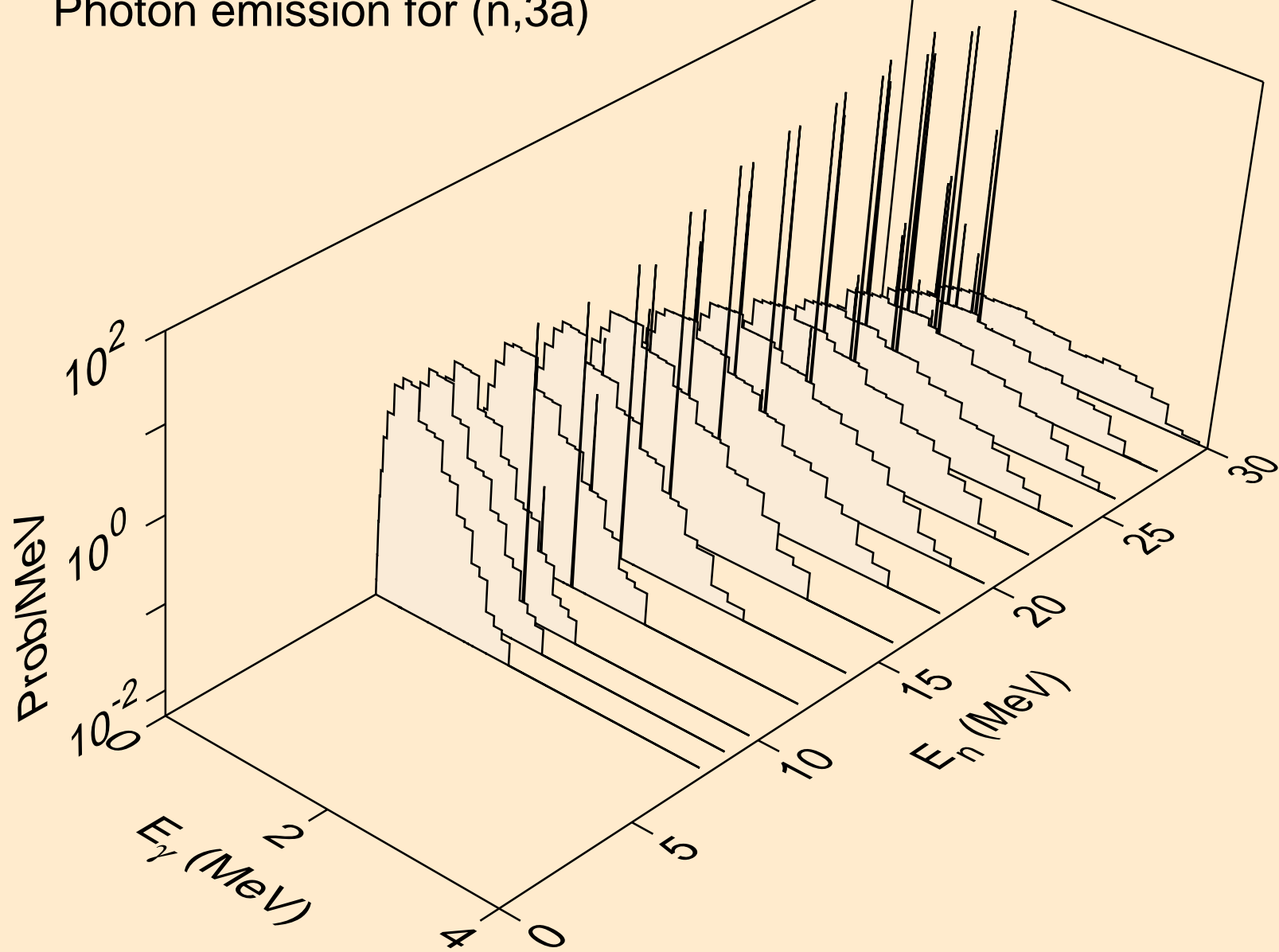
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Photon emission for (n,a)



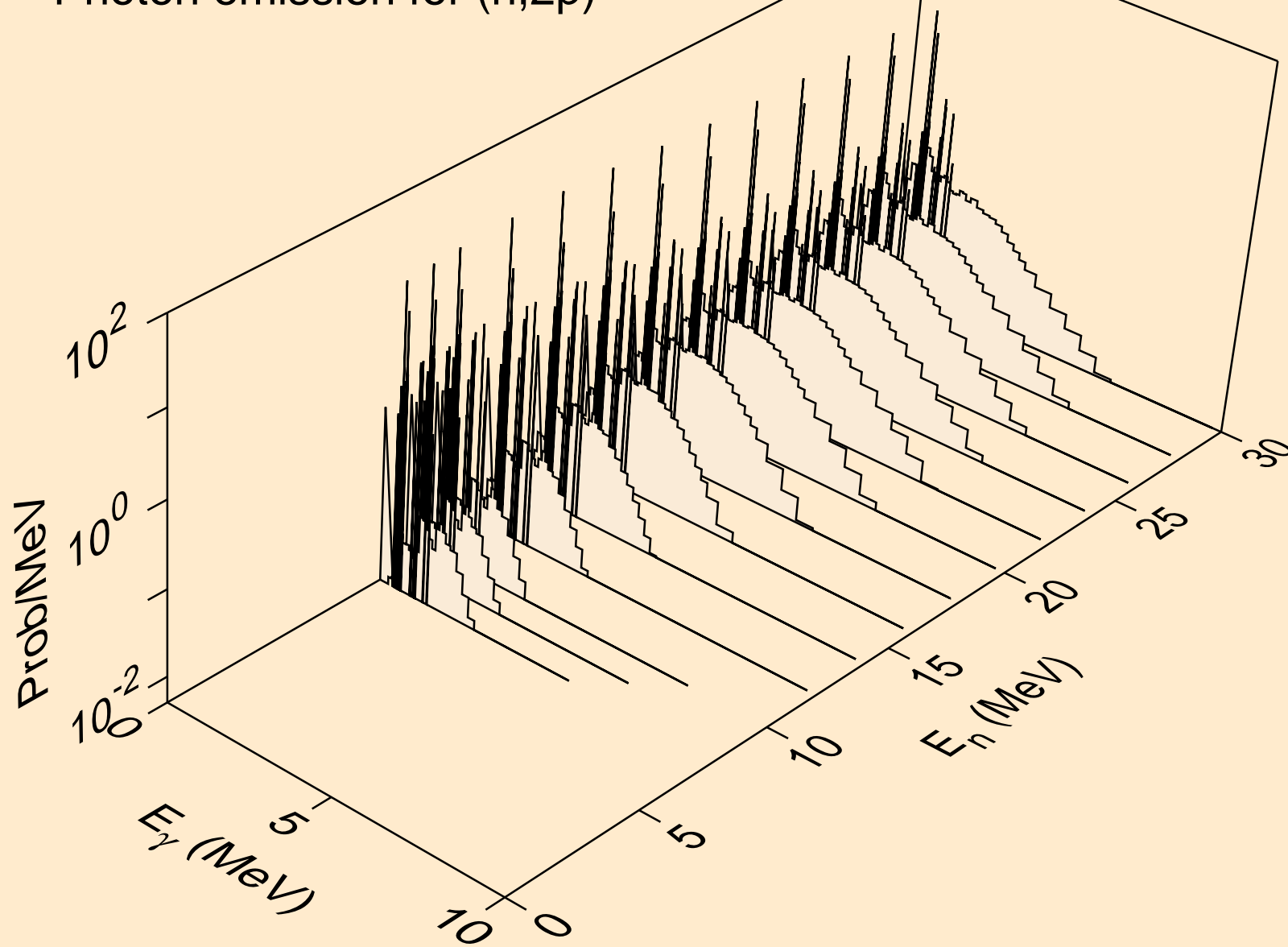
CS117M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



CS117M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3a)

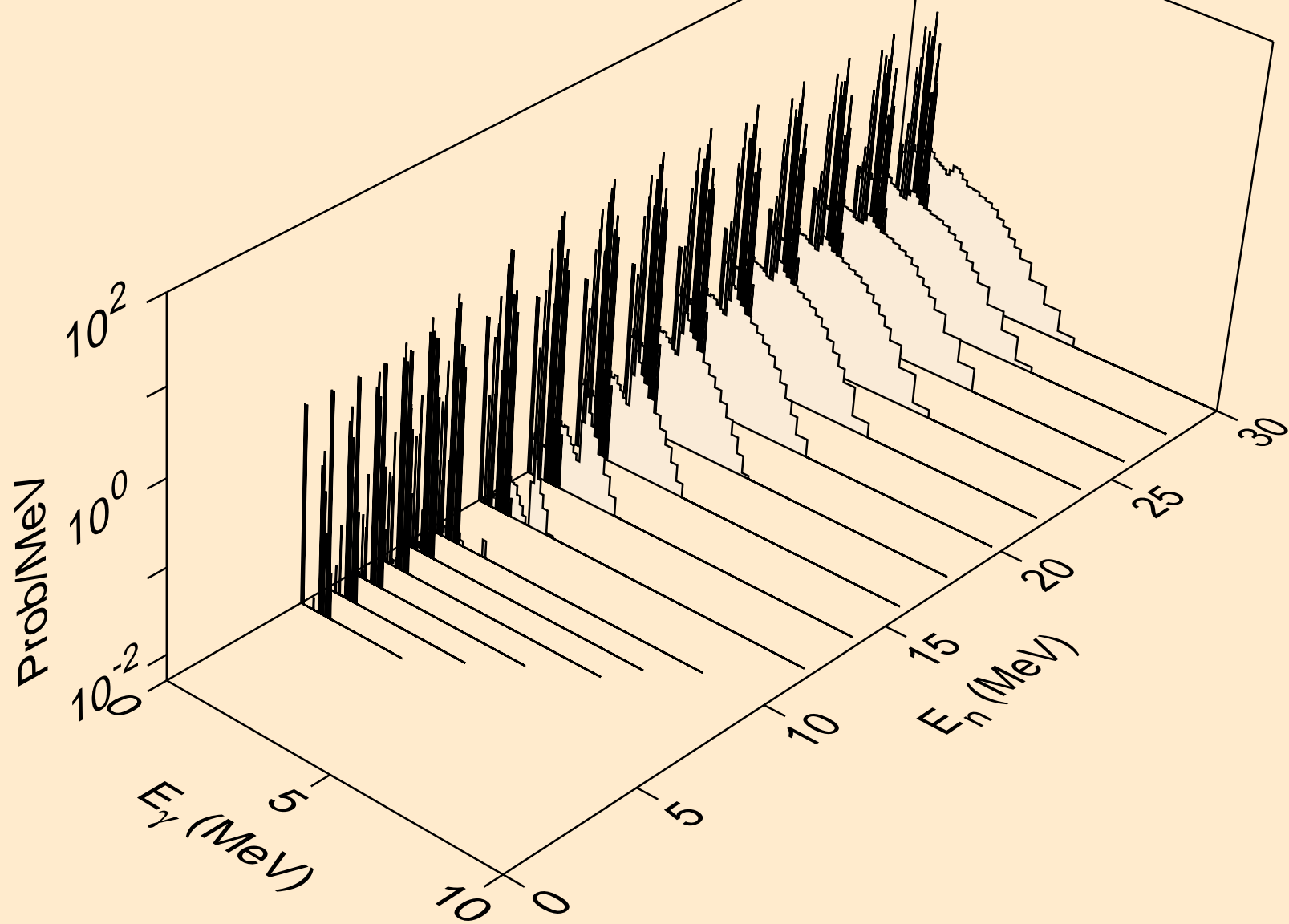


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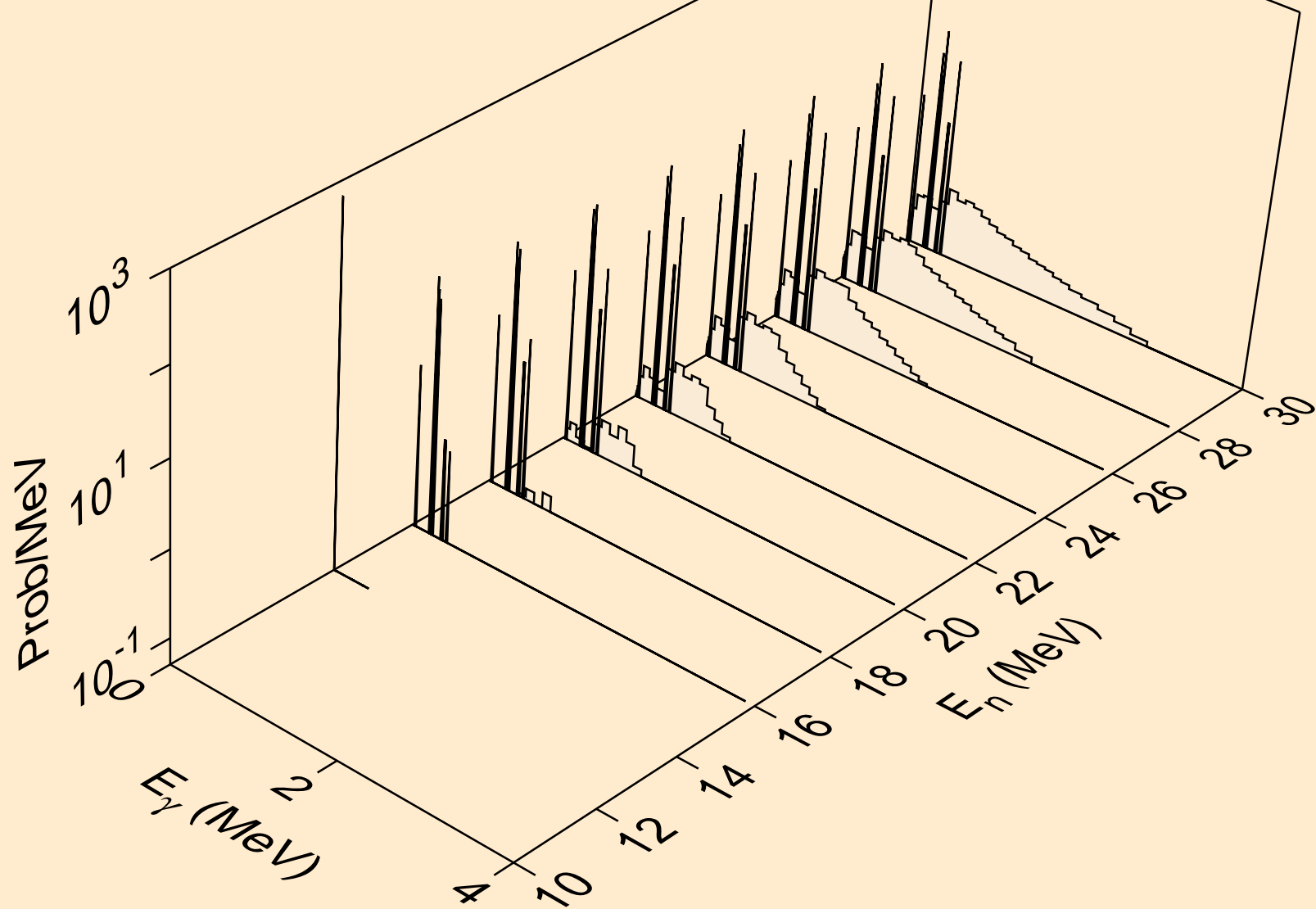




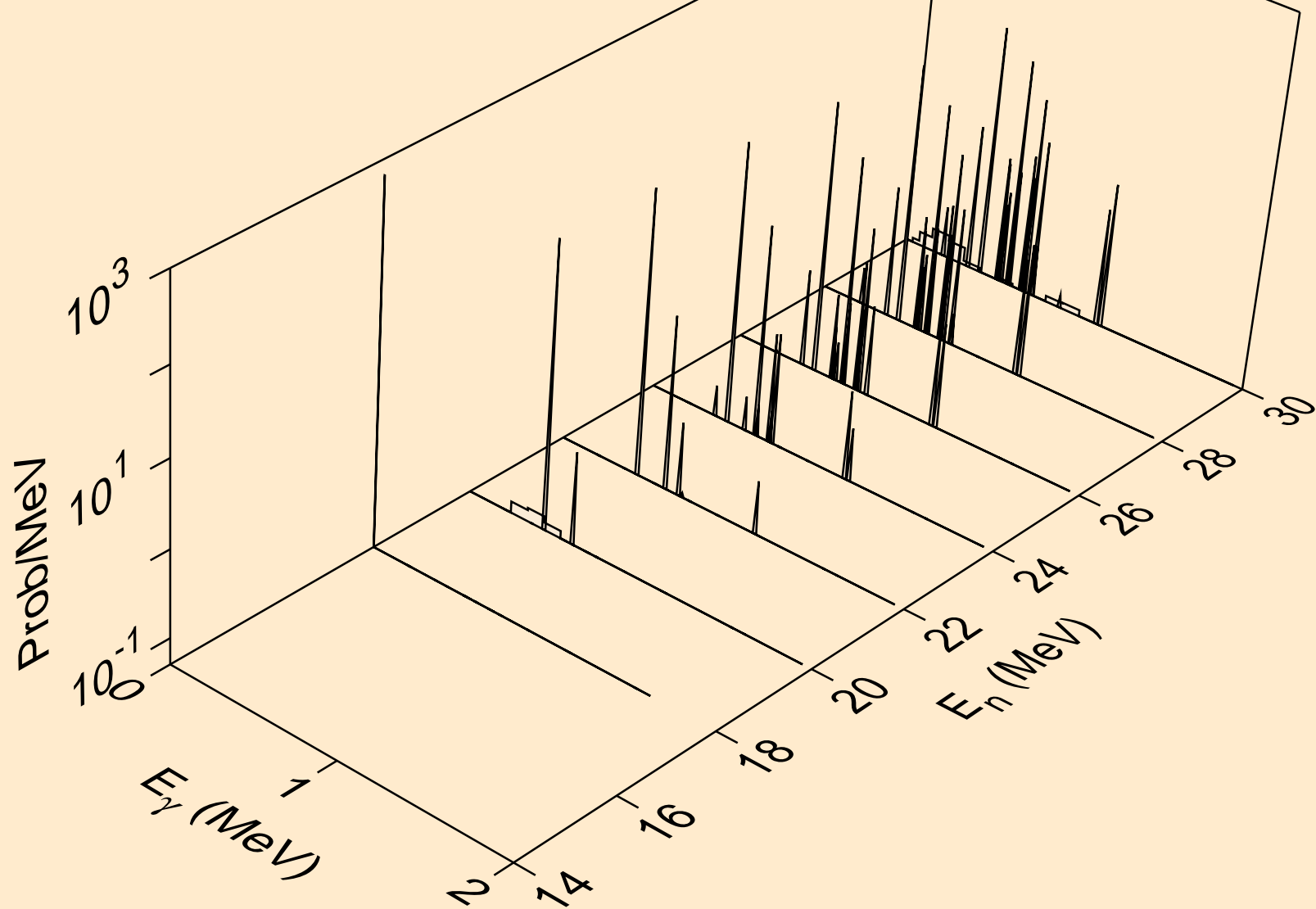
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Photon emission for (n,pa)



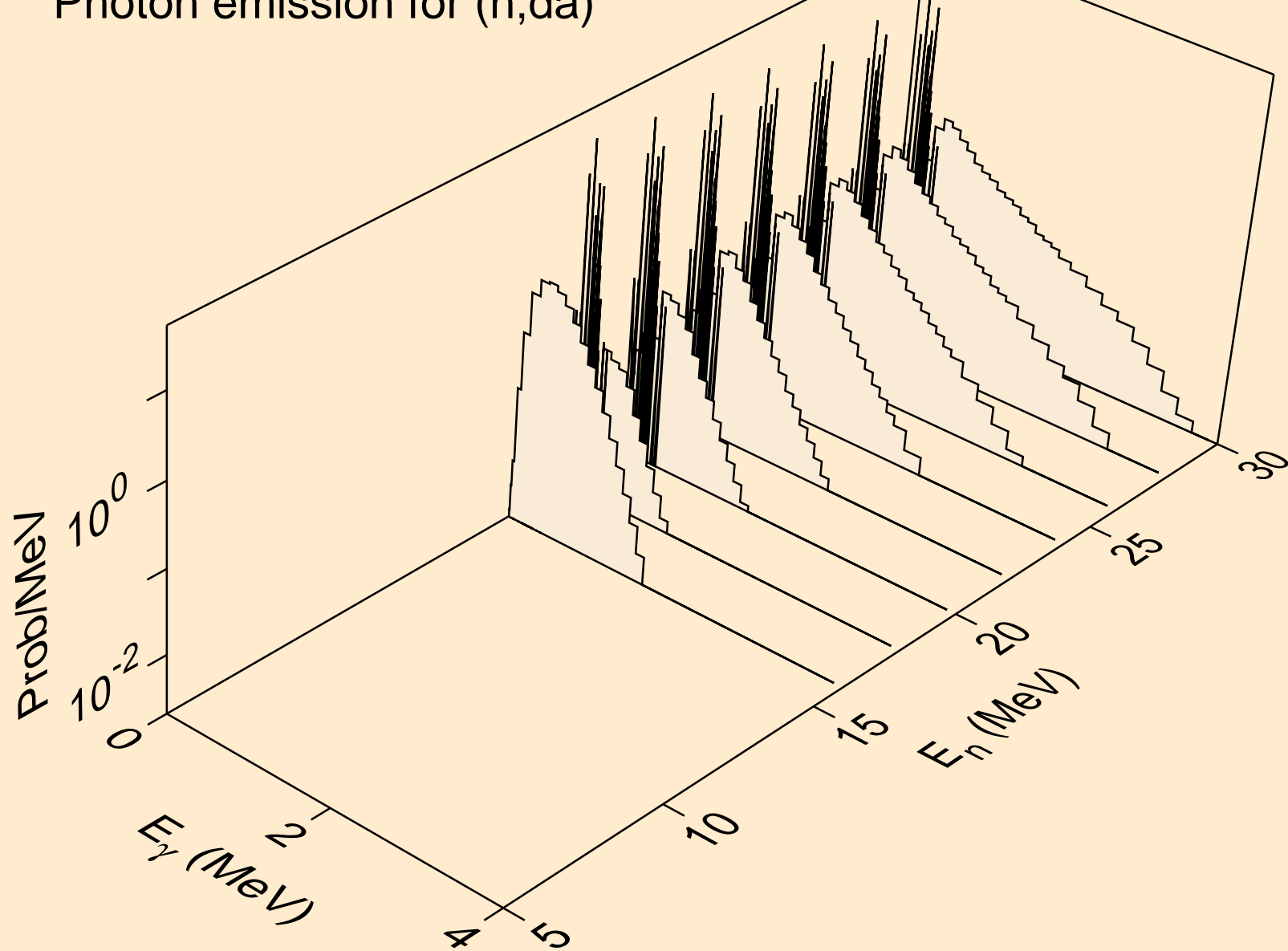
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Photon emission for (n,pd)



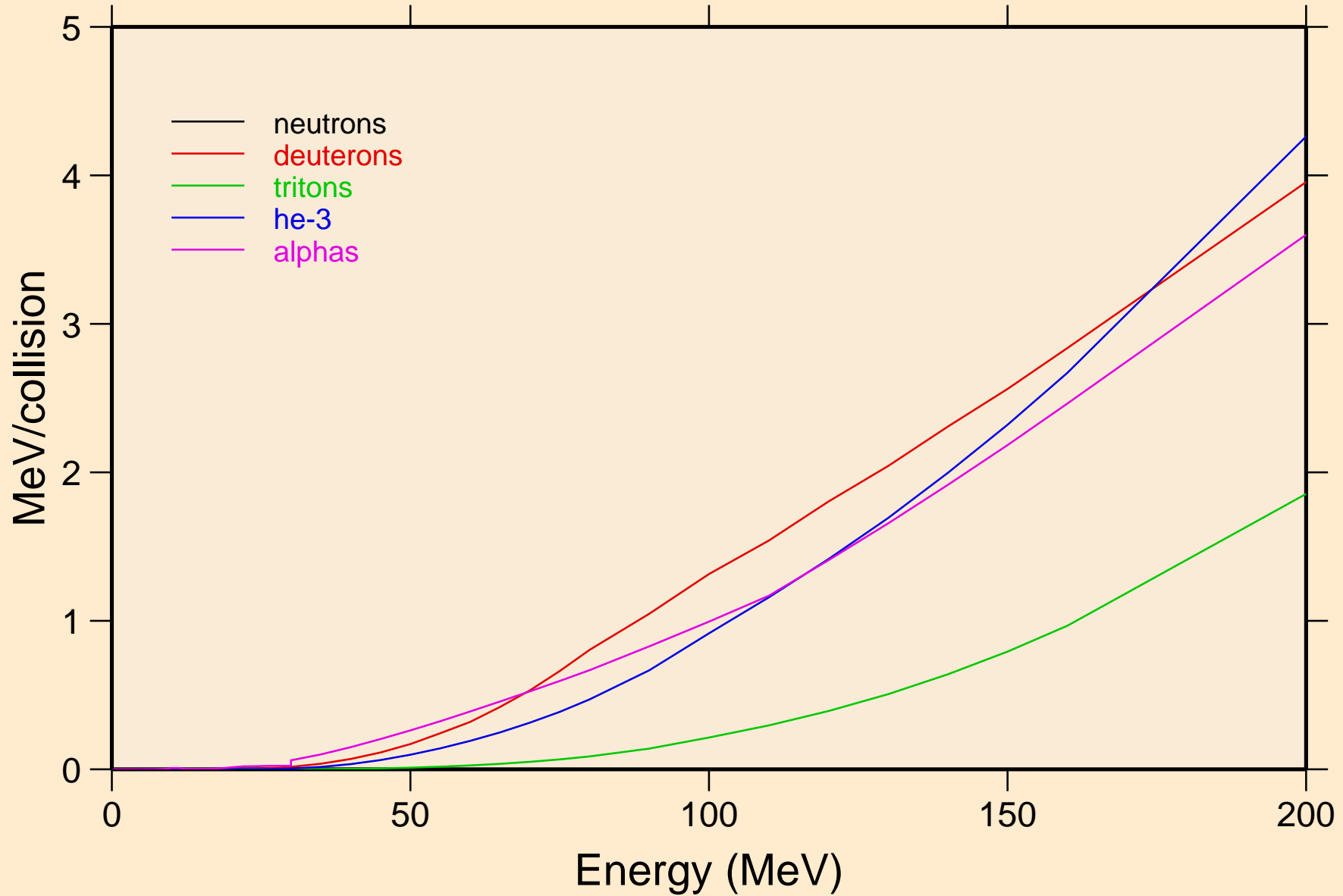
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Photon emission for (n,pt)



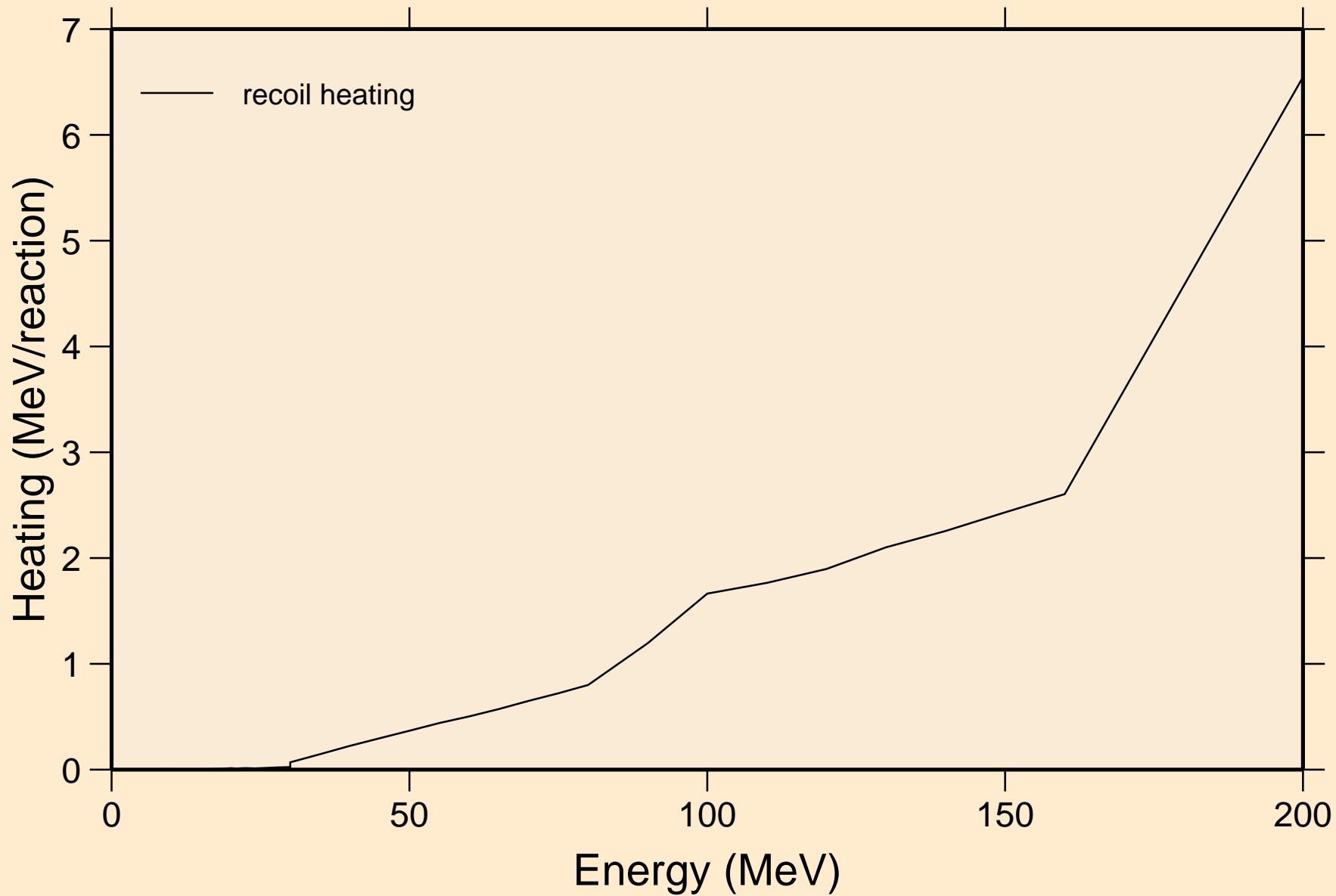
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Photon emission for (n,da)



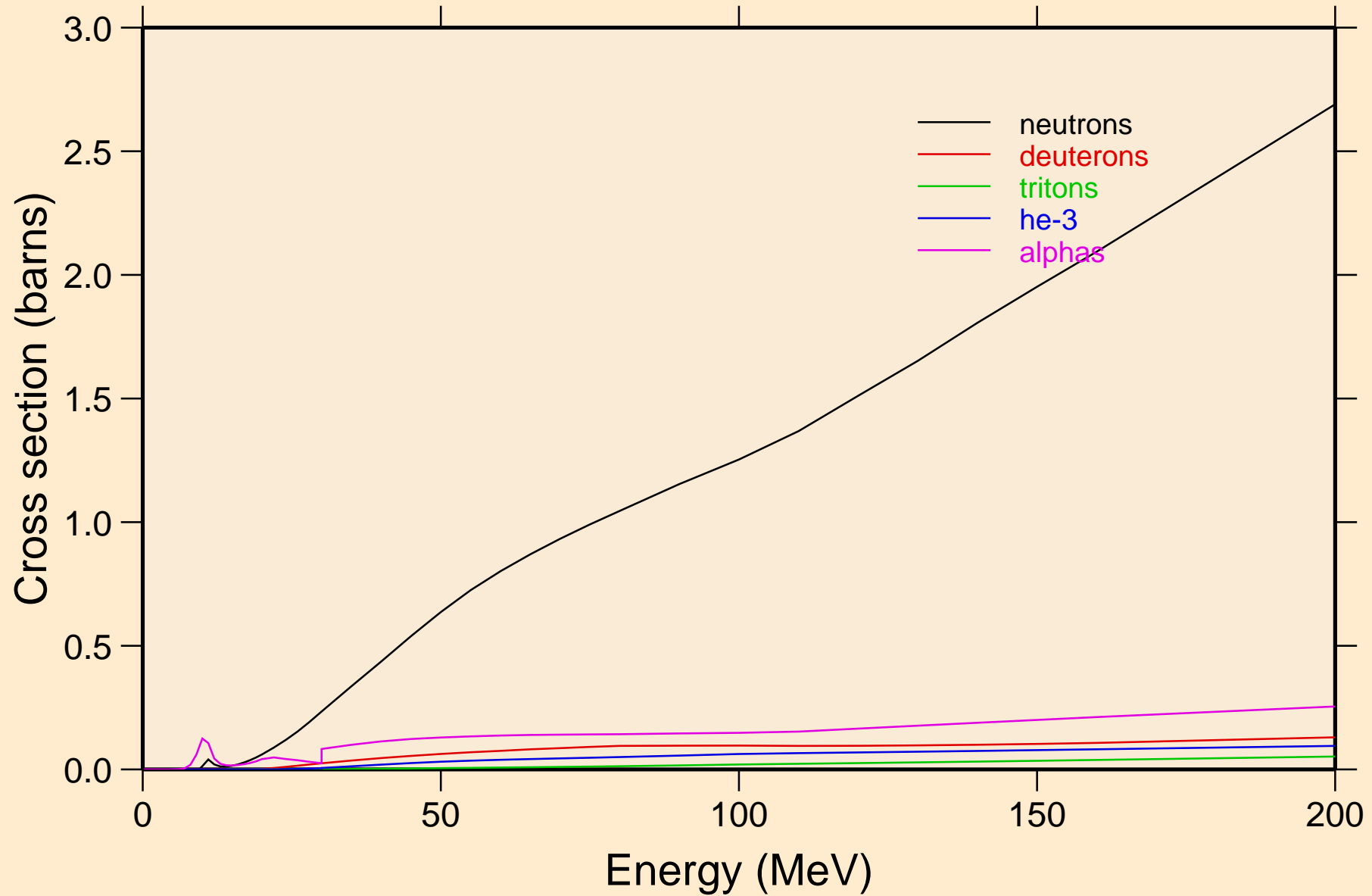
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Particle heating contributions



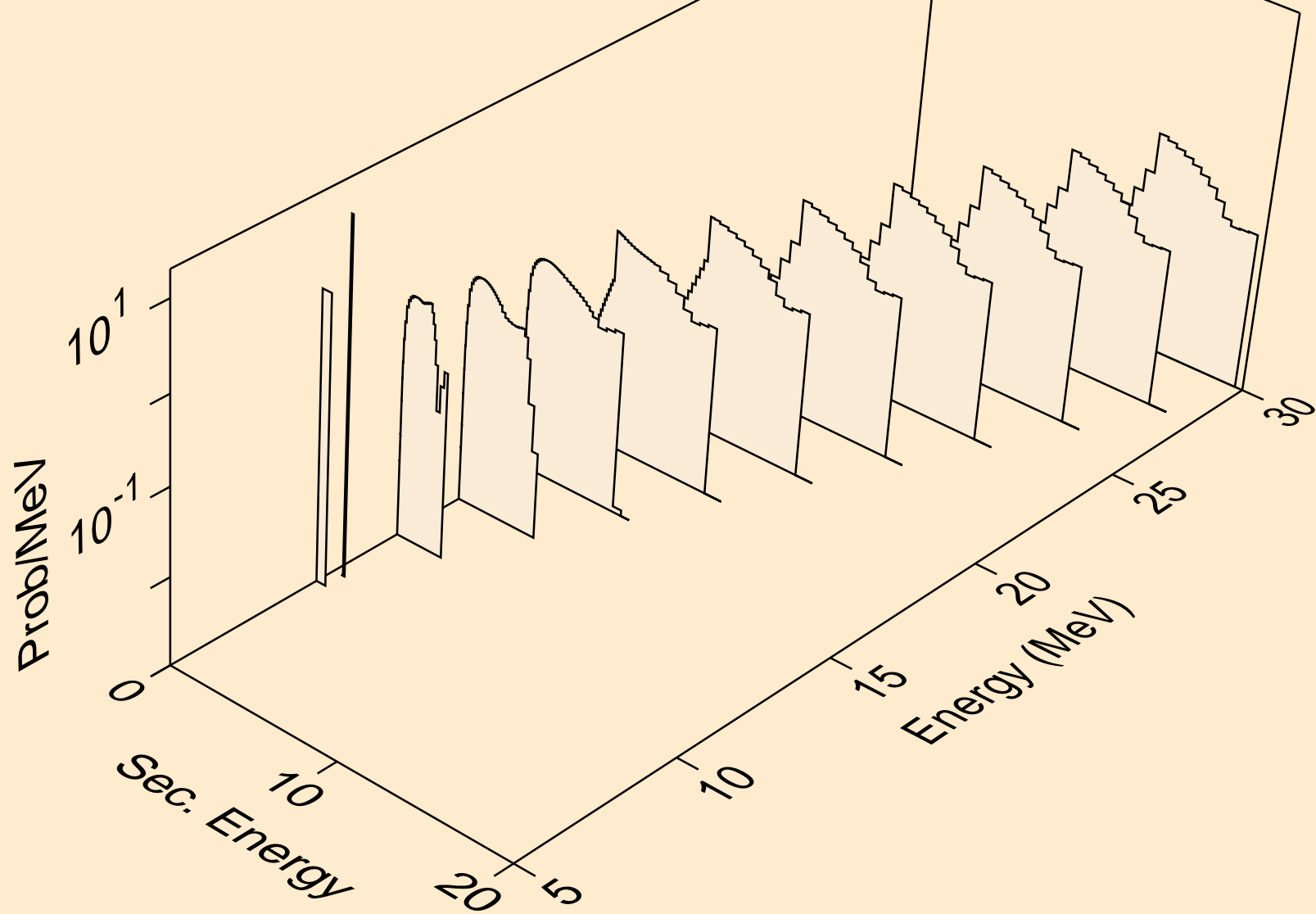
CS117M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



CS117M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections

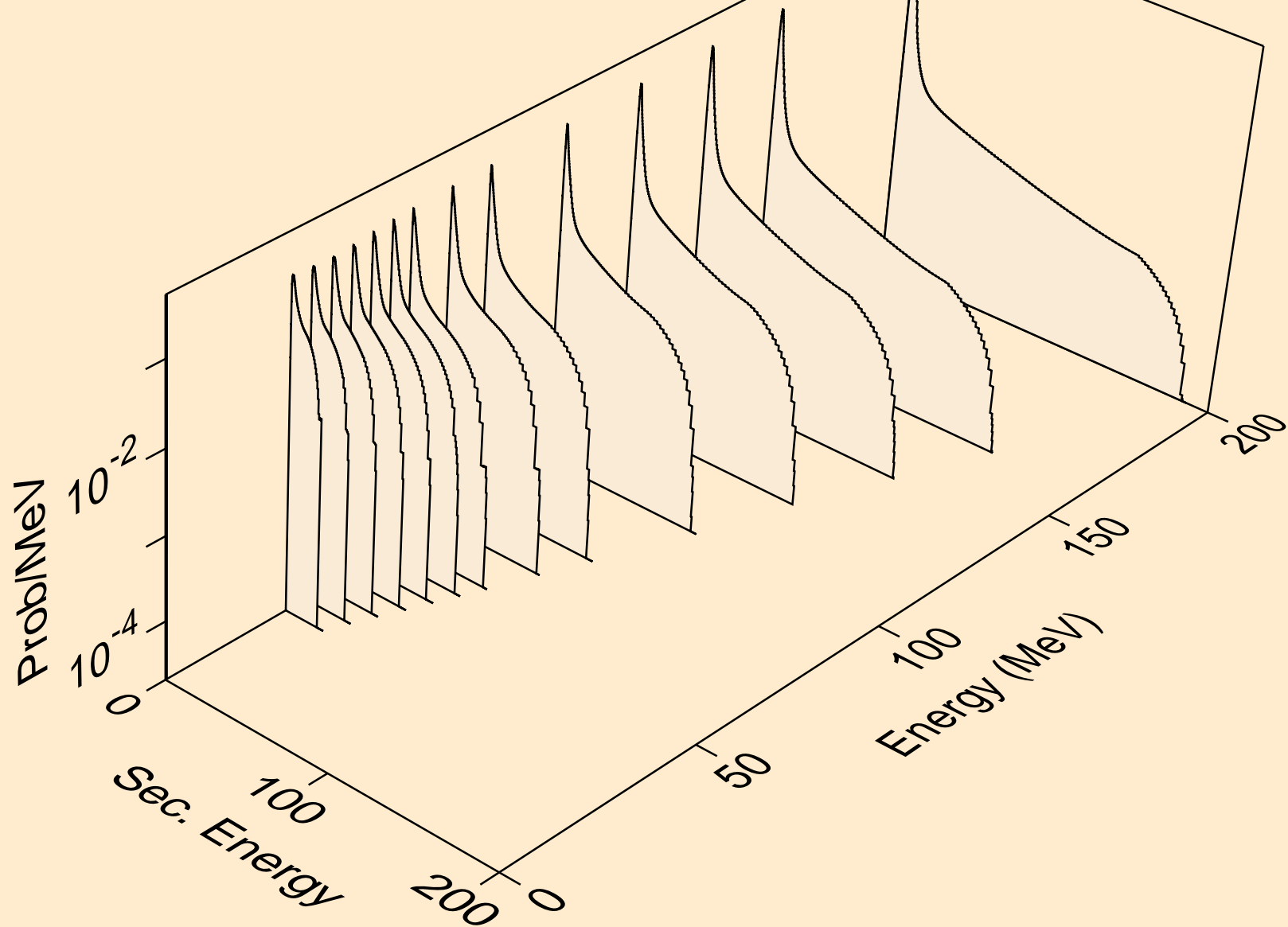


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neutrons from (p,n)

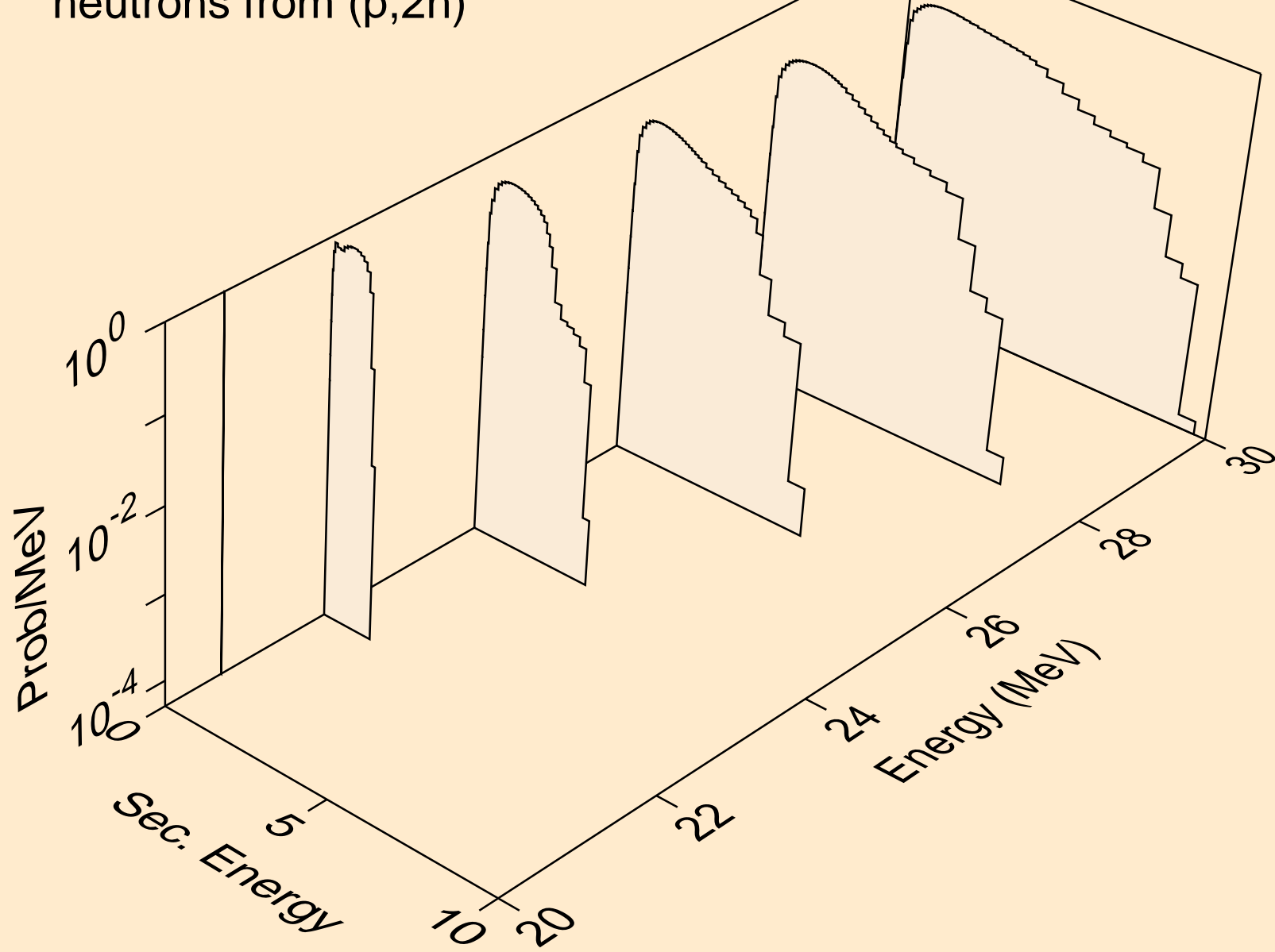




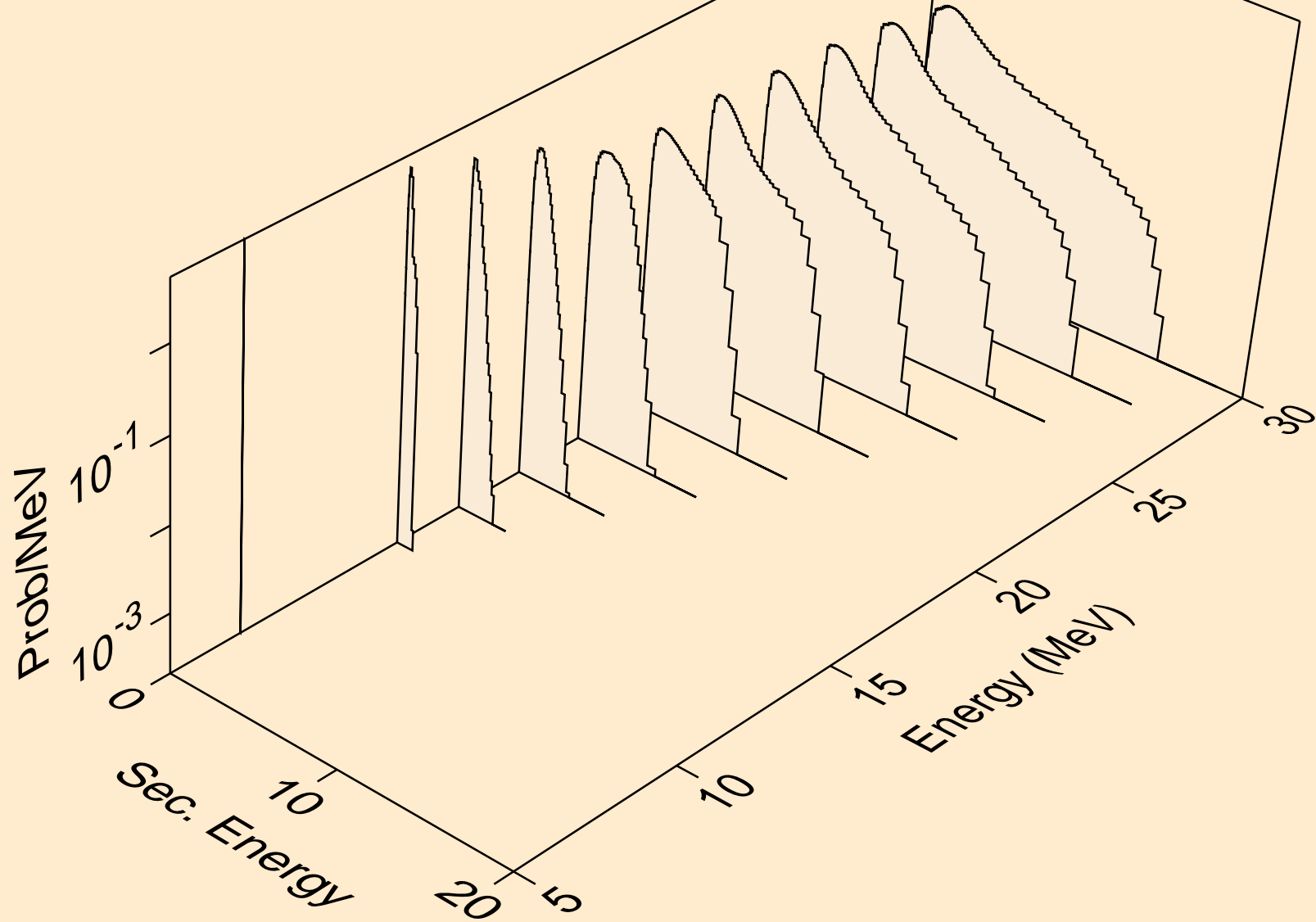
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neutrons from (p,x)



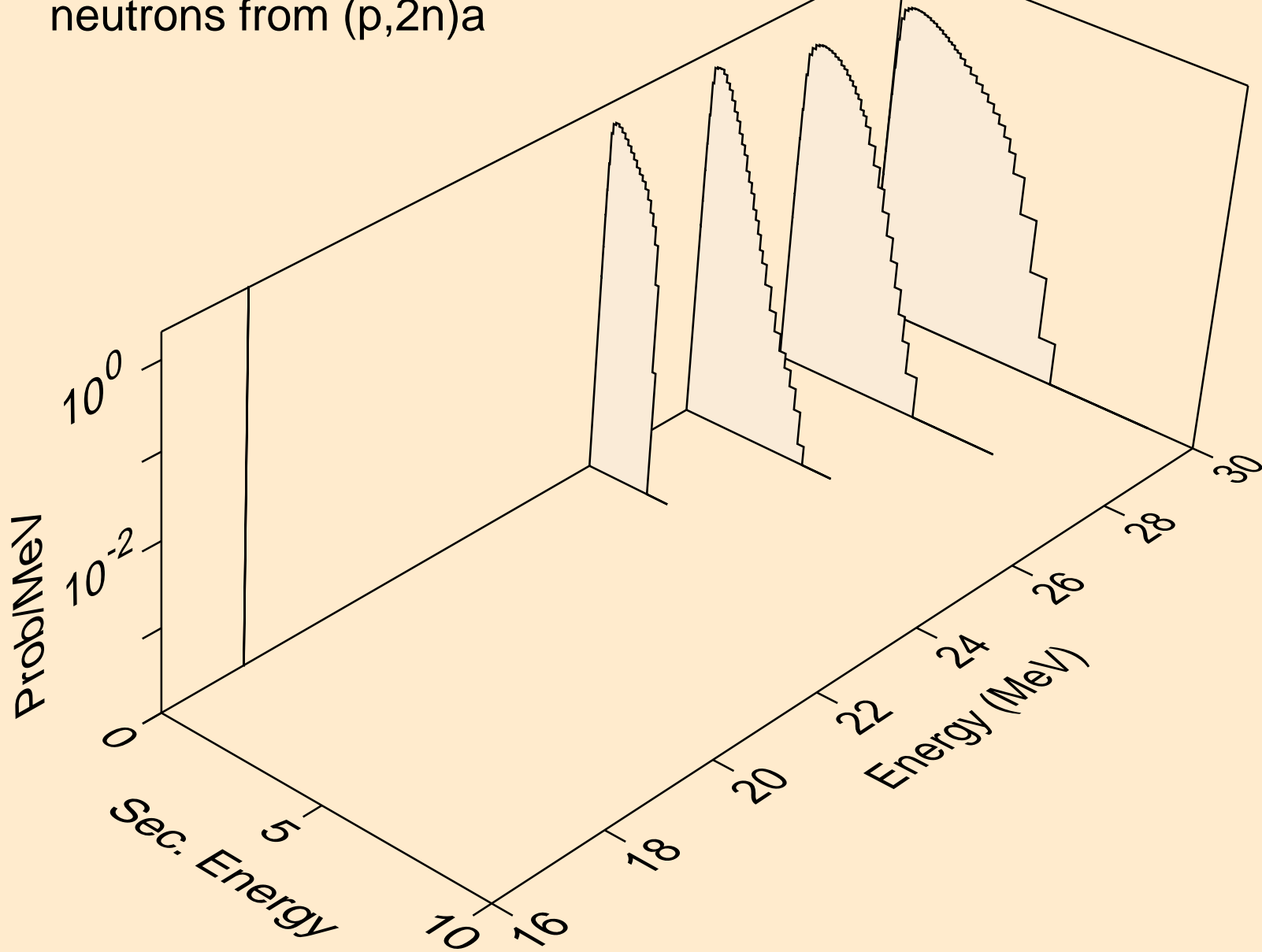
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neutrons from (p,2n)



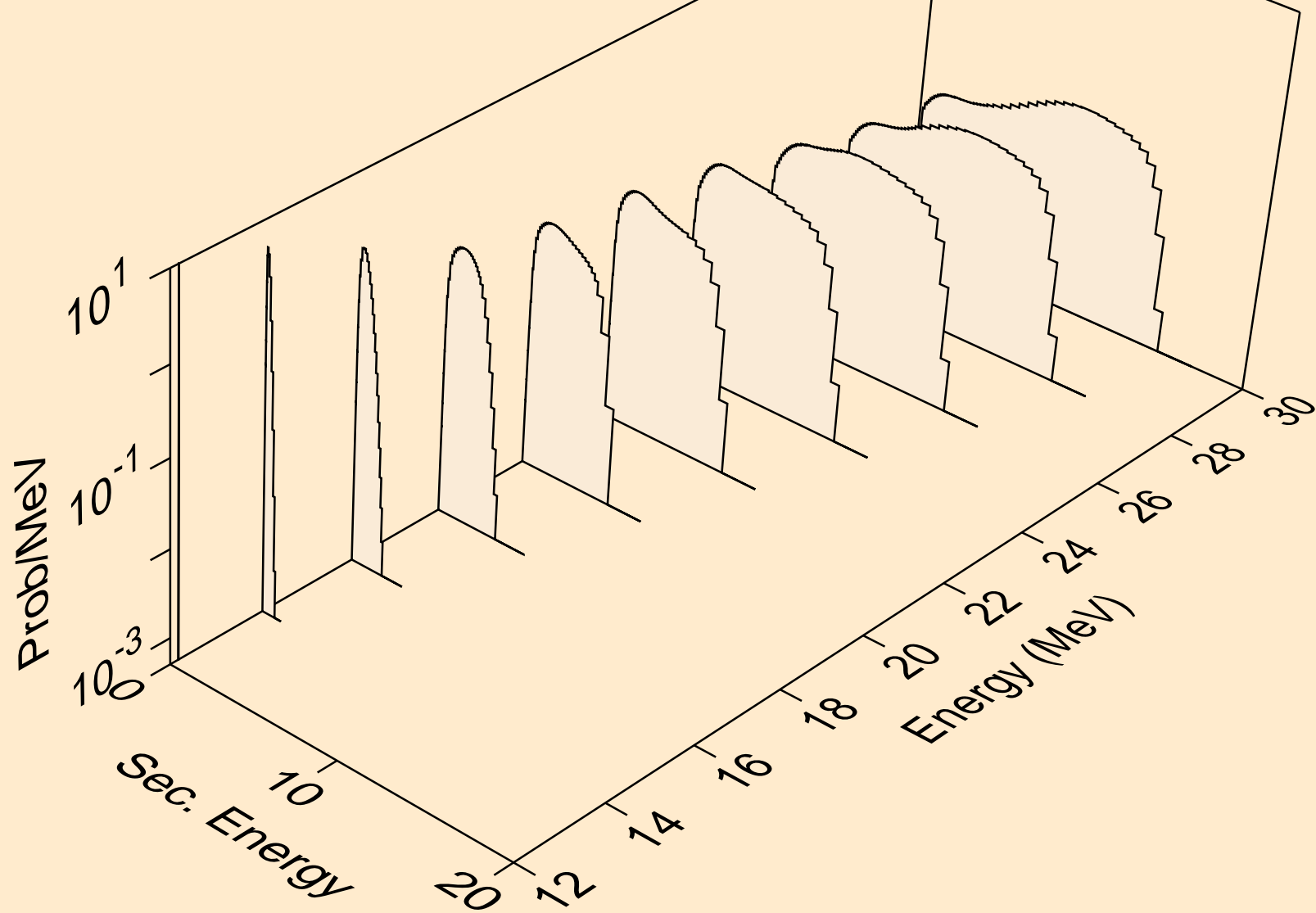
CS117M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



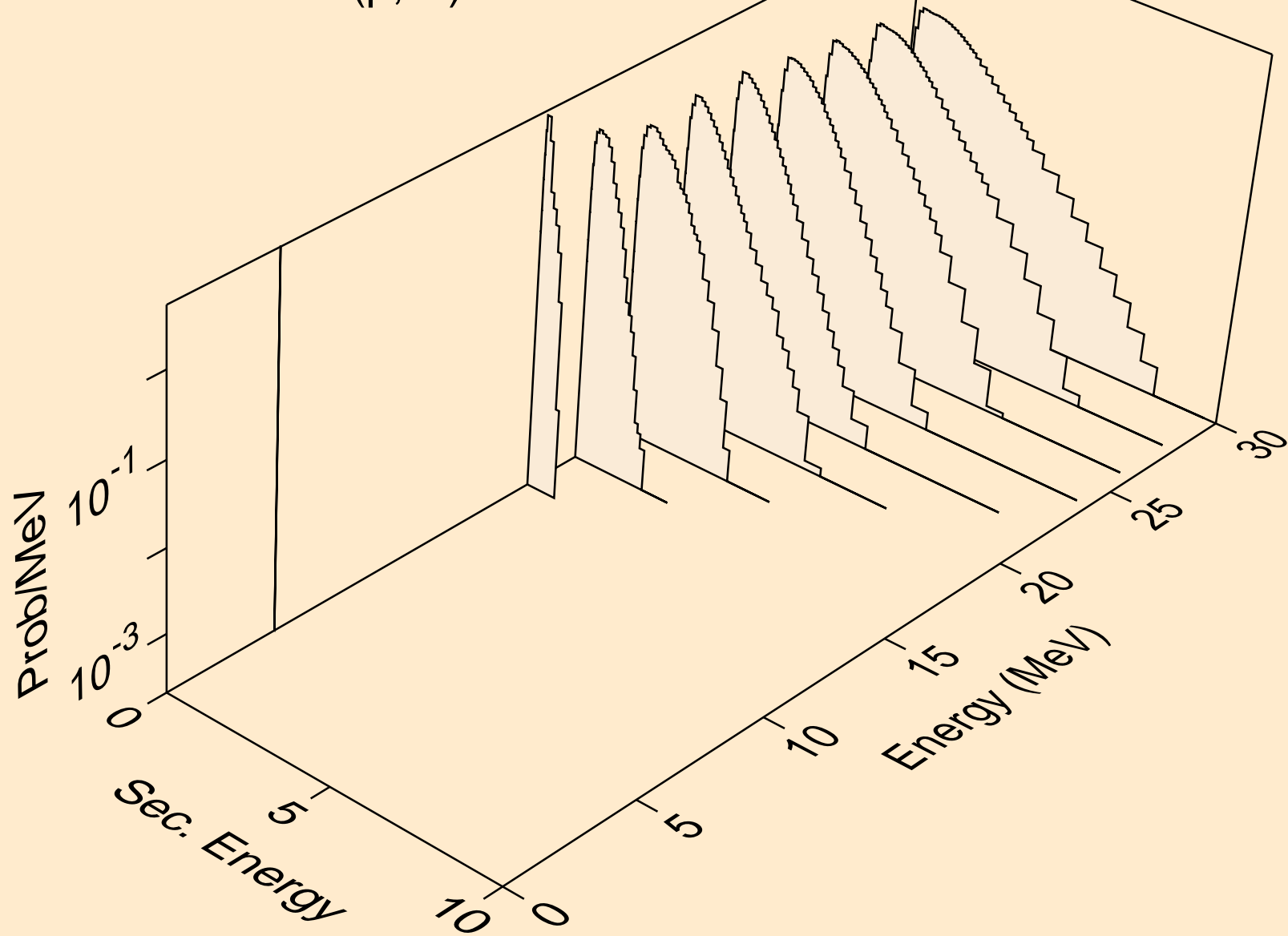
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neutrons from (p,2n)a



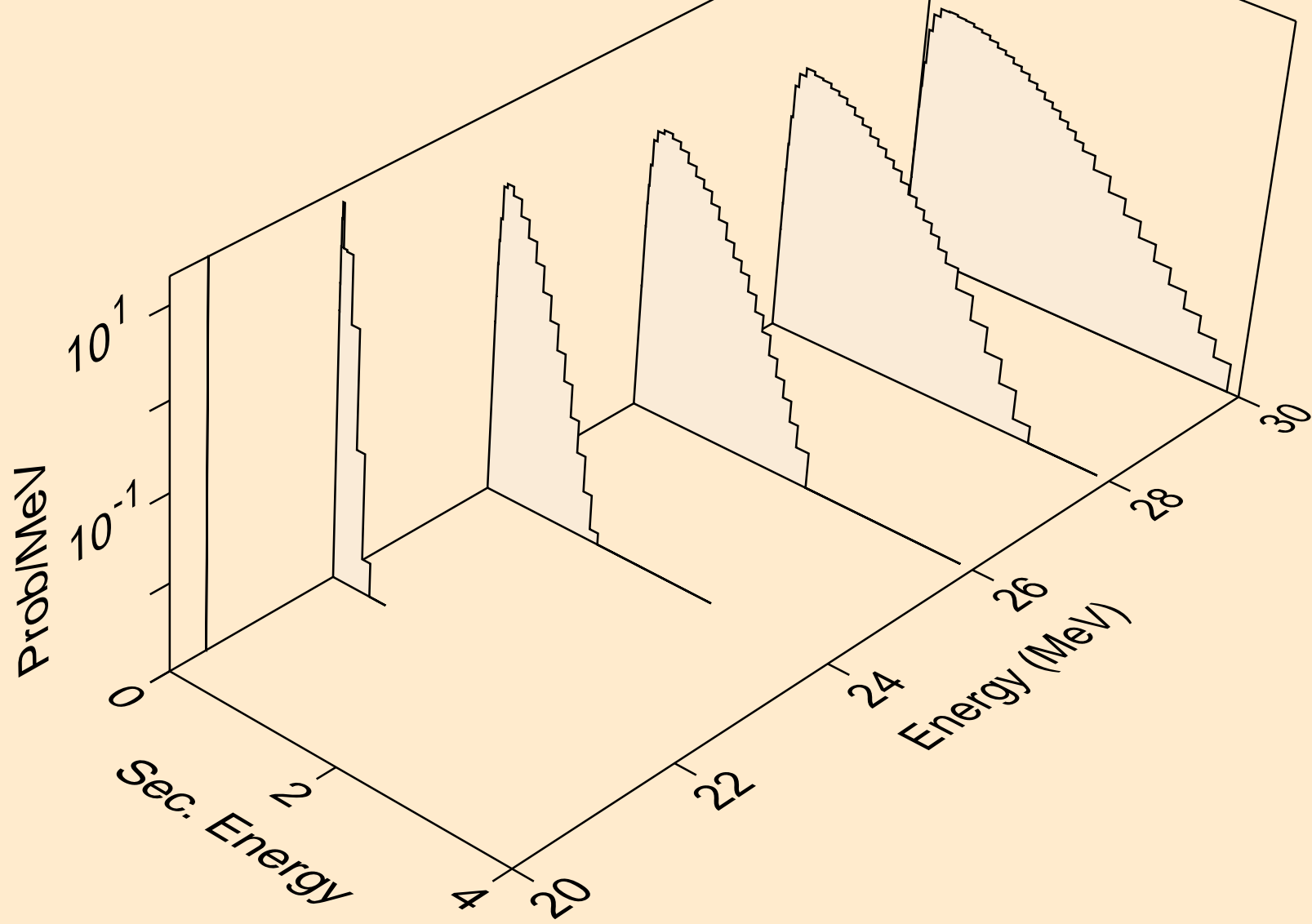
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neutrons from (p,n\*)p



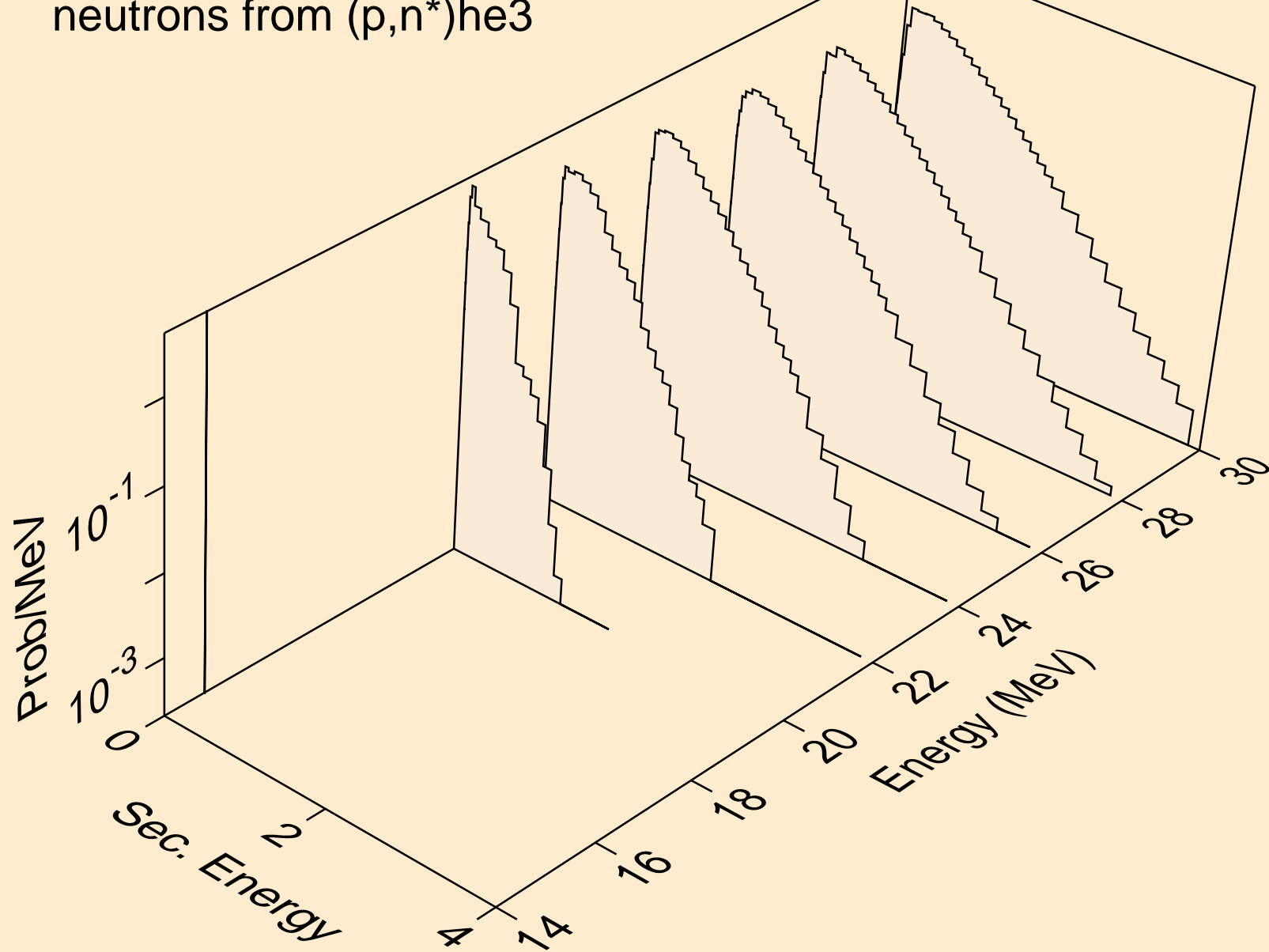
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neutrons from (p,n\*)2a



CS117M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)d

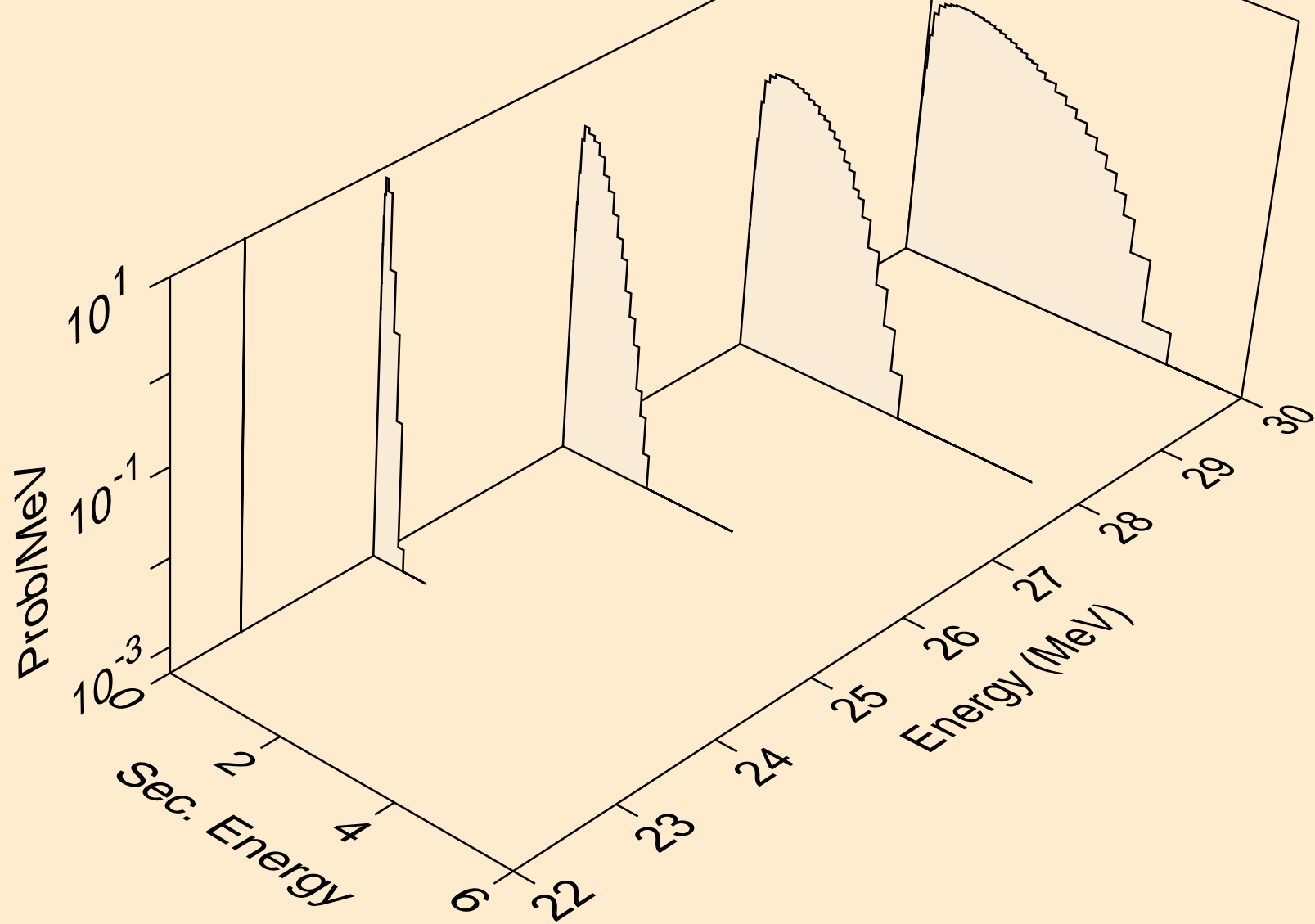


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neutrons from (p,n\*)he3

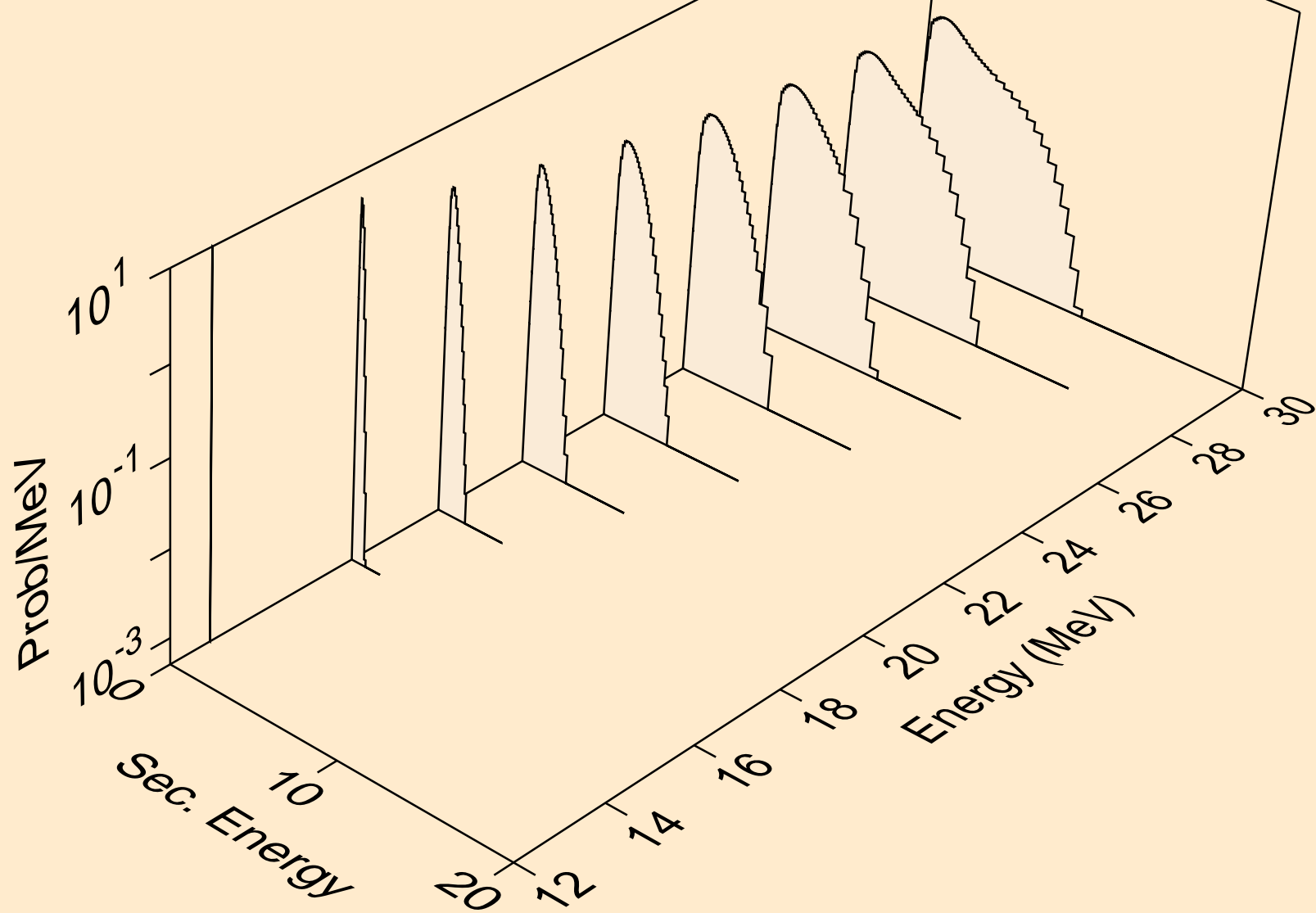




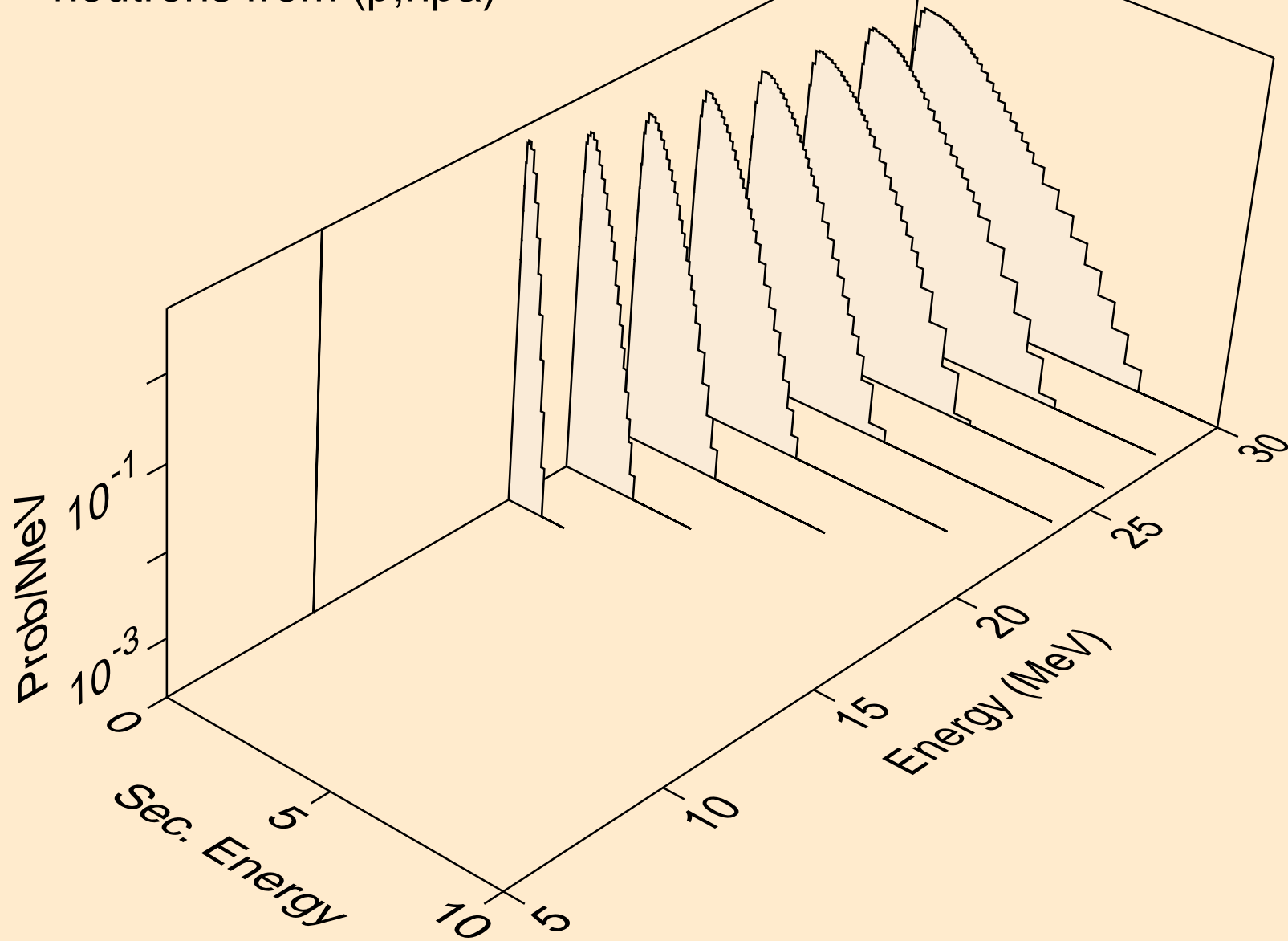
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neutrons from (p,2np)



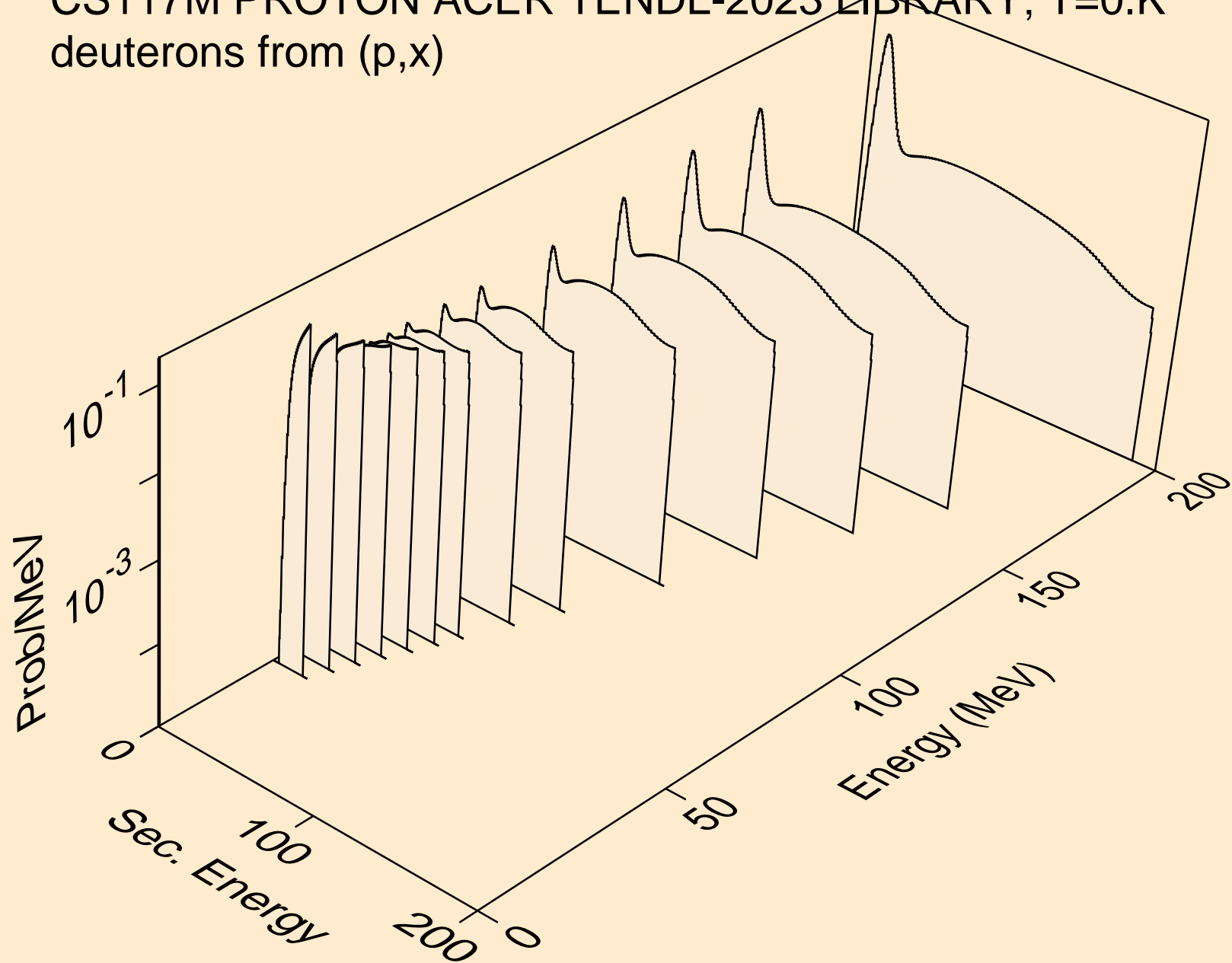
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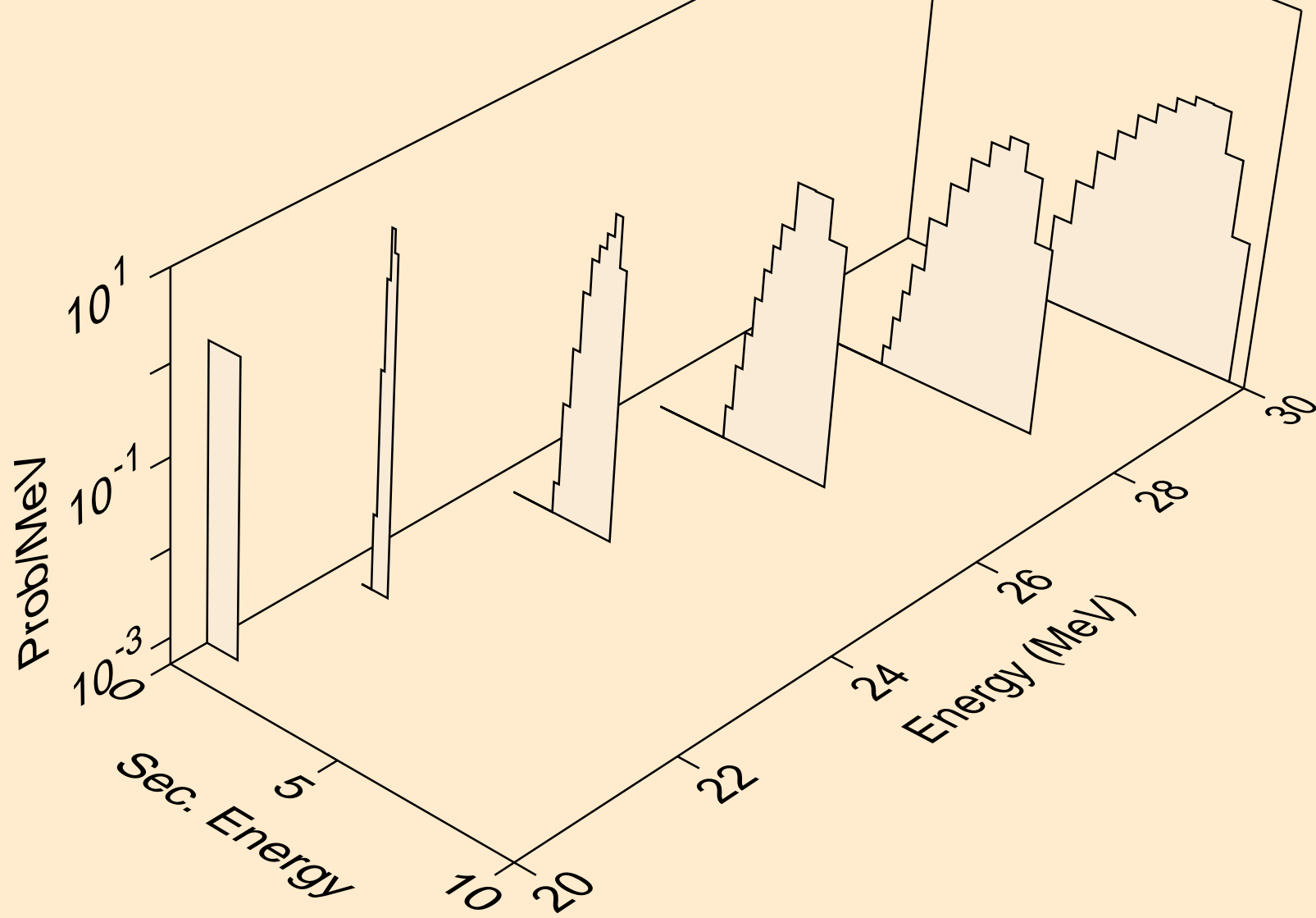
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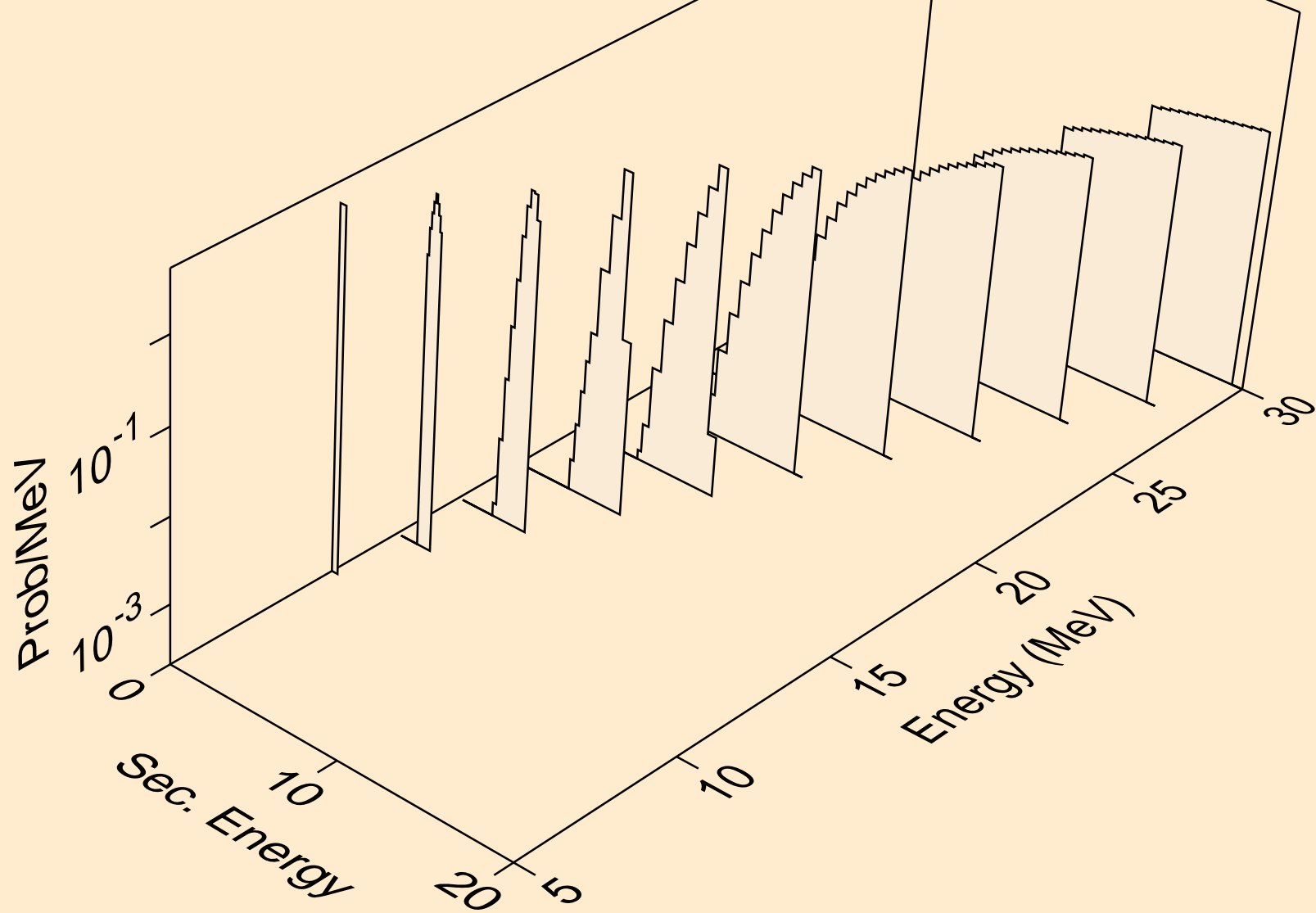
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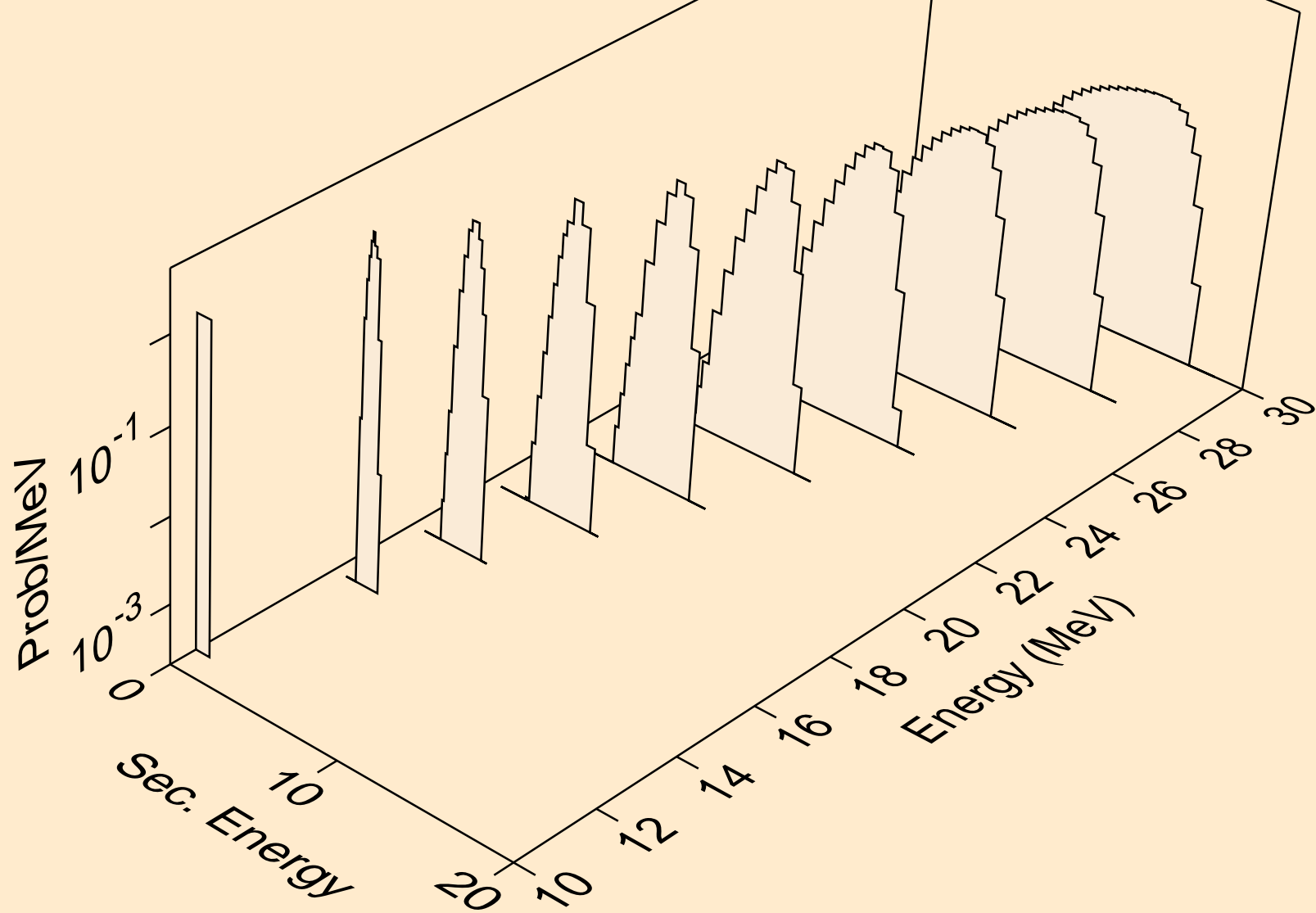
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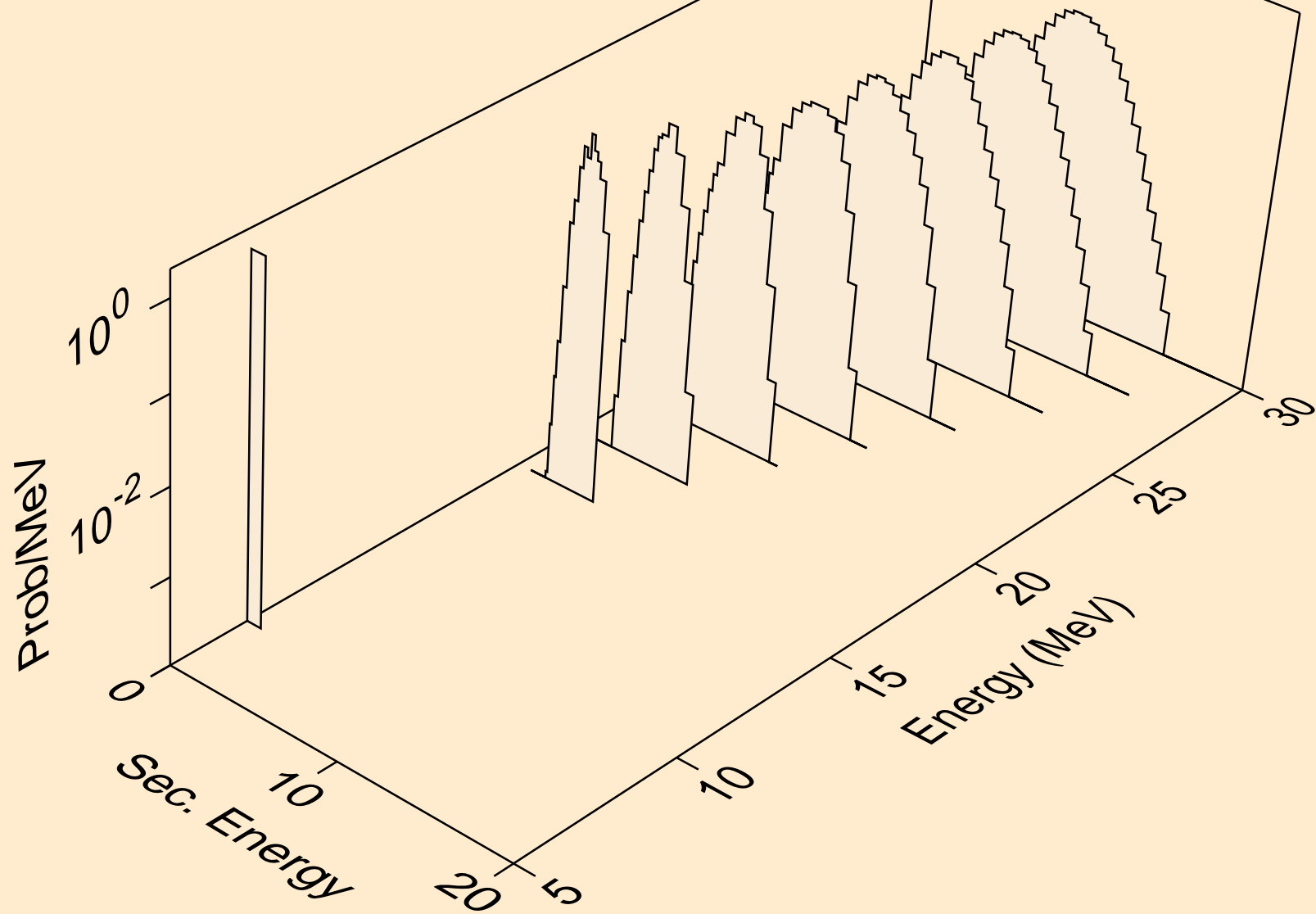
CS117M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,d)



CS117M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
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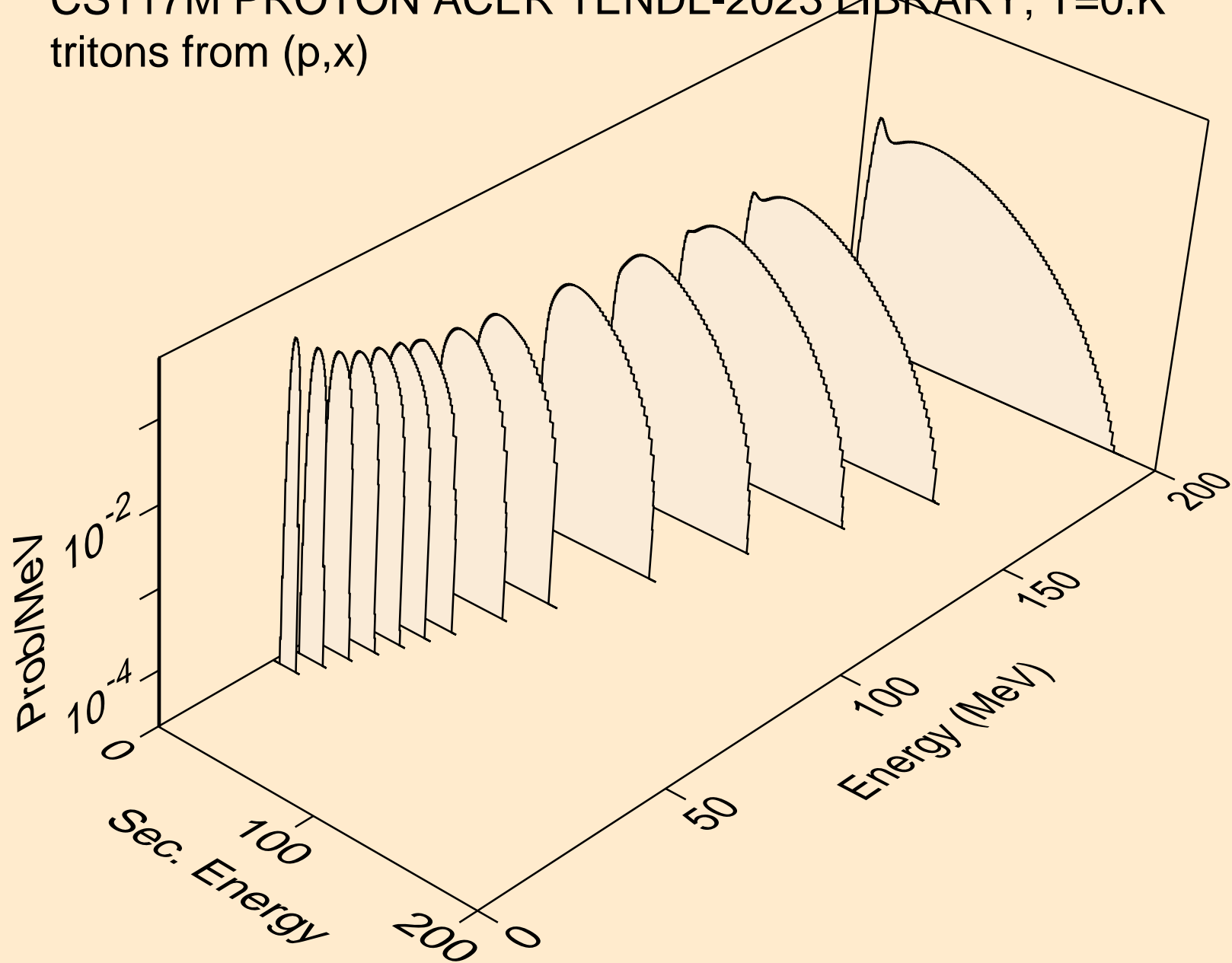


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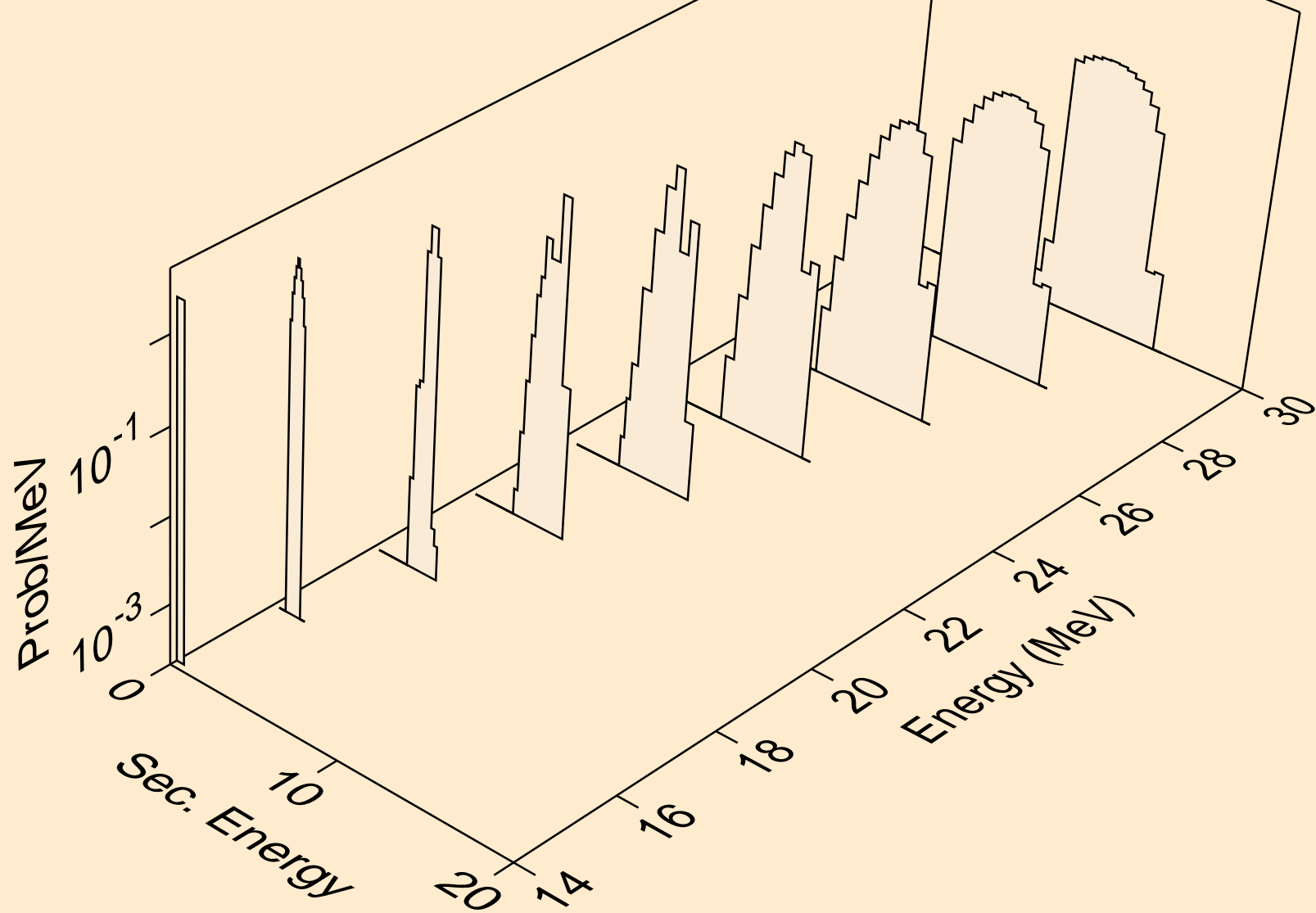




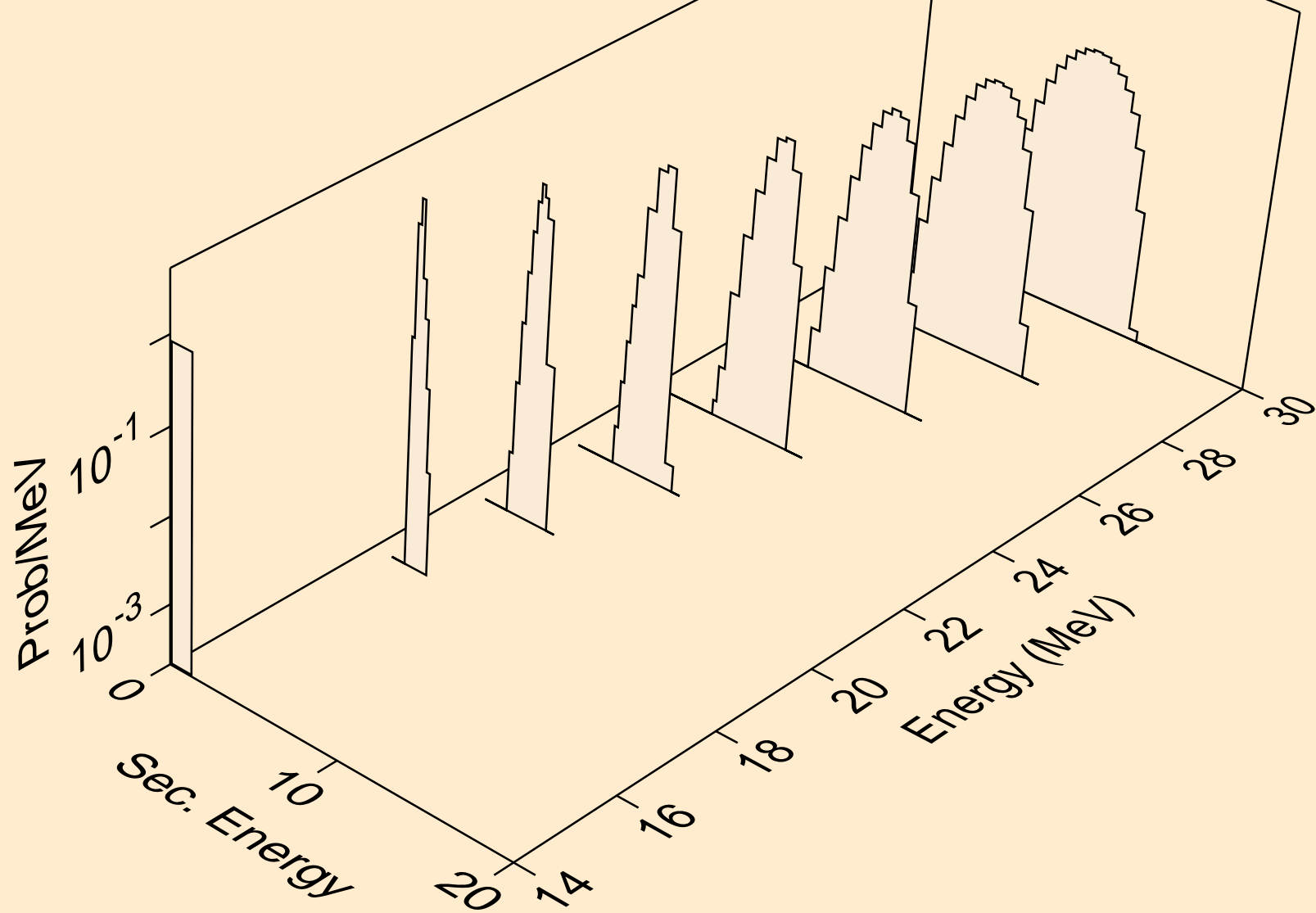
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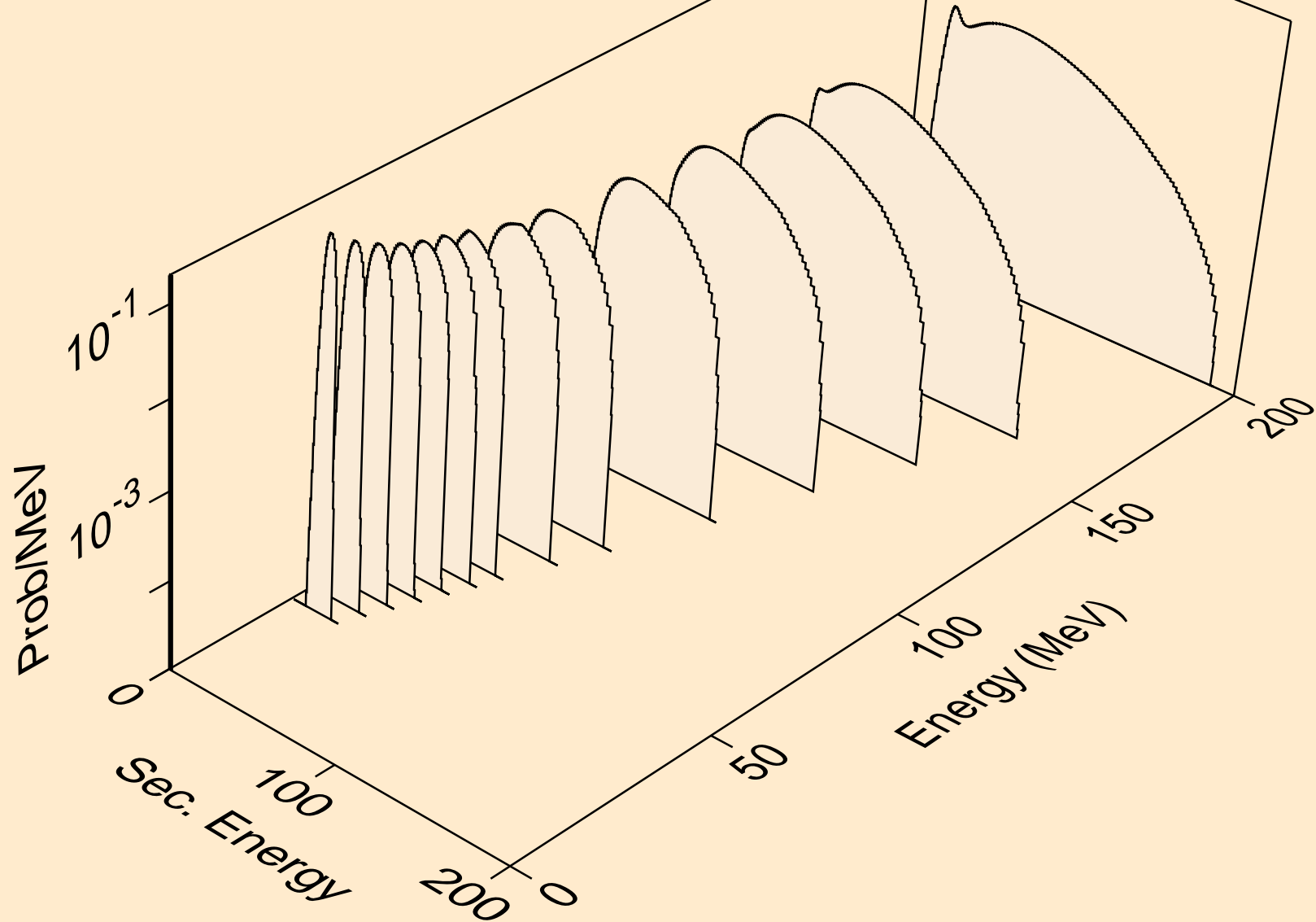
CS117M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,t)



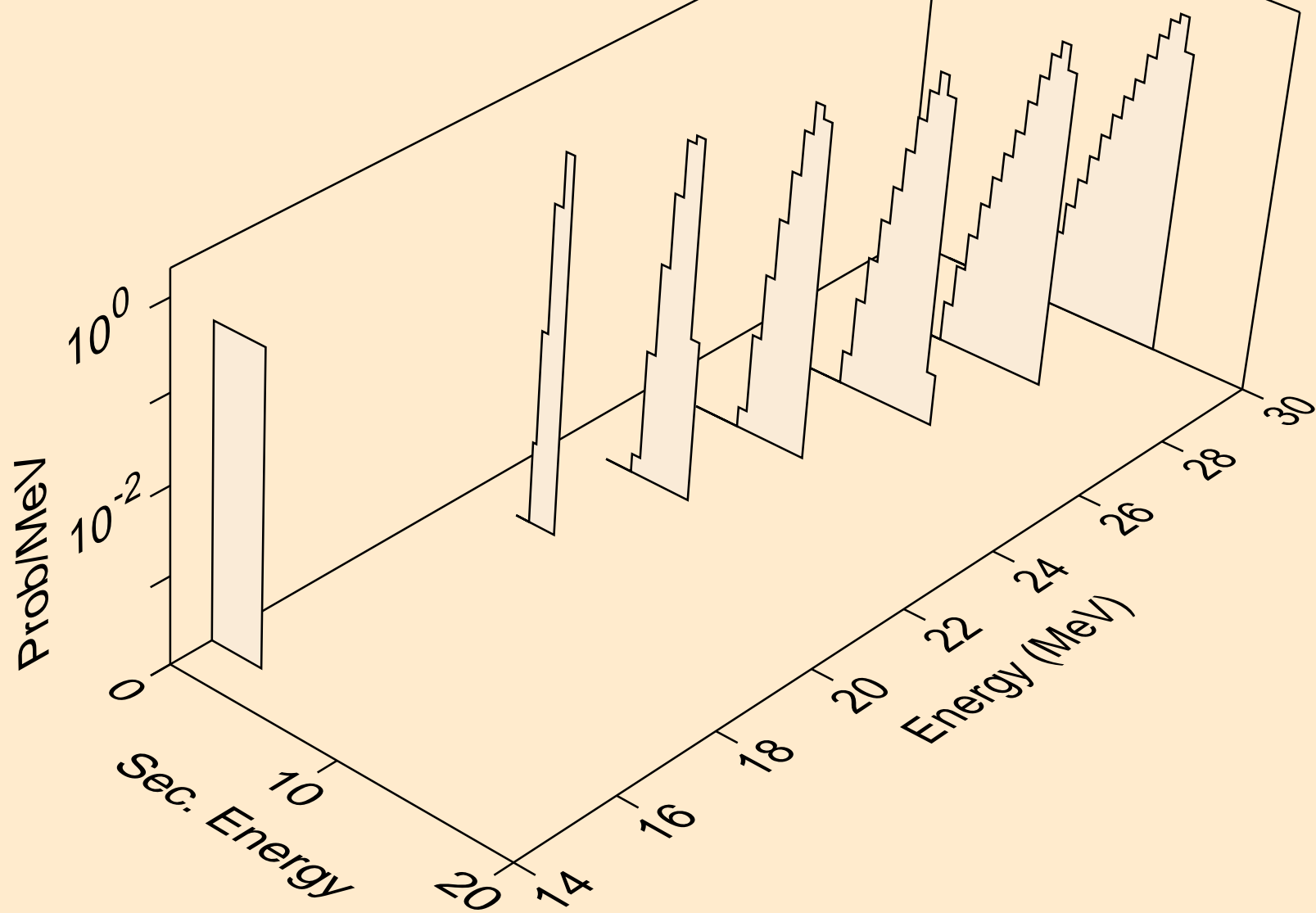
CS117M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,pt)



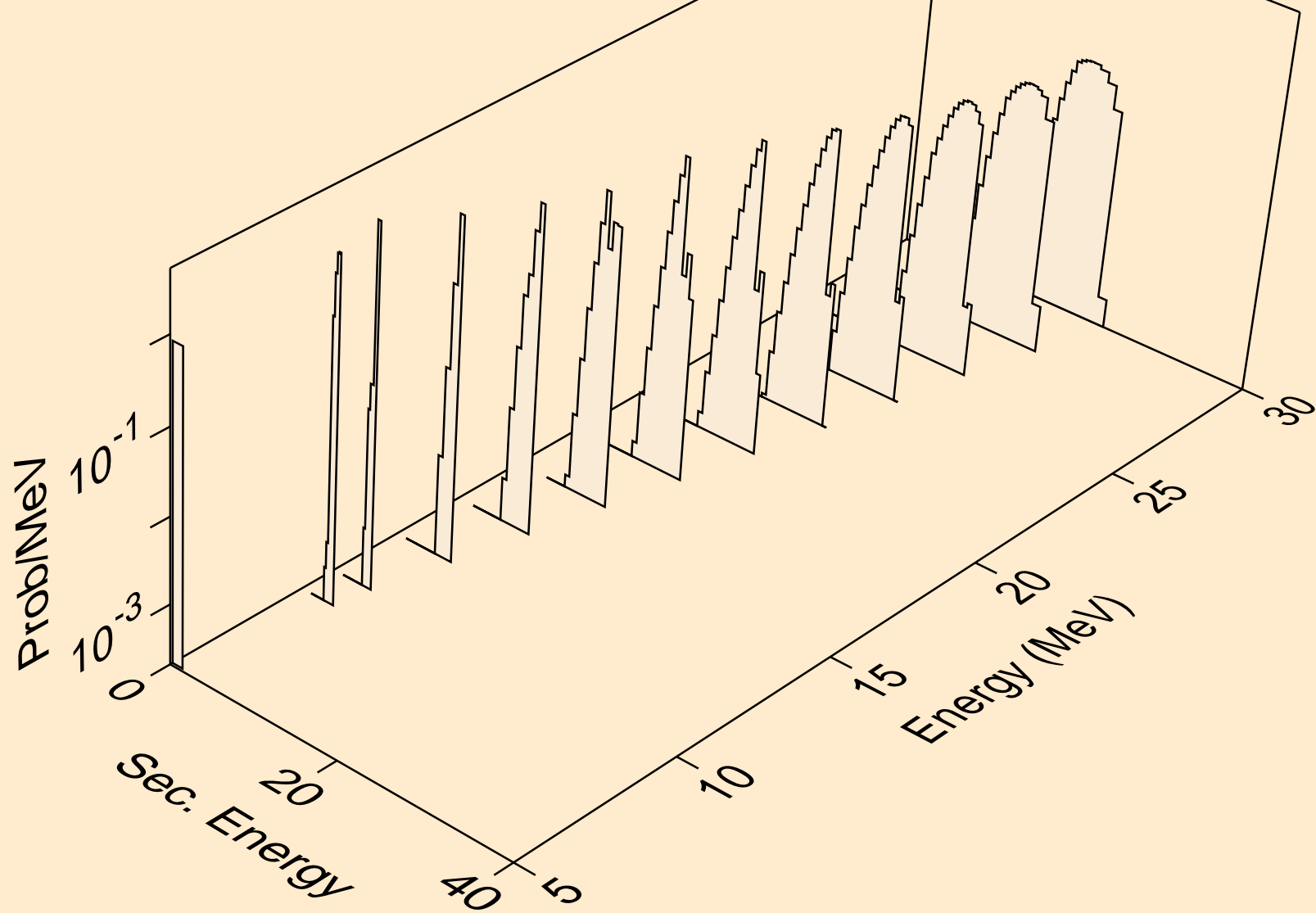
CS117M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)



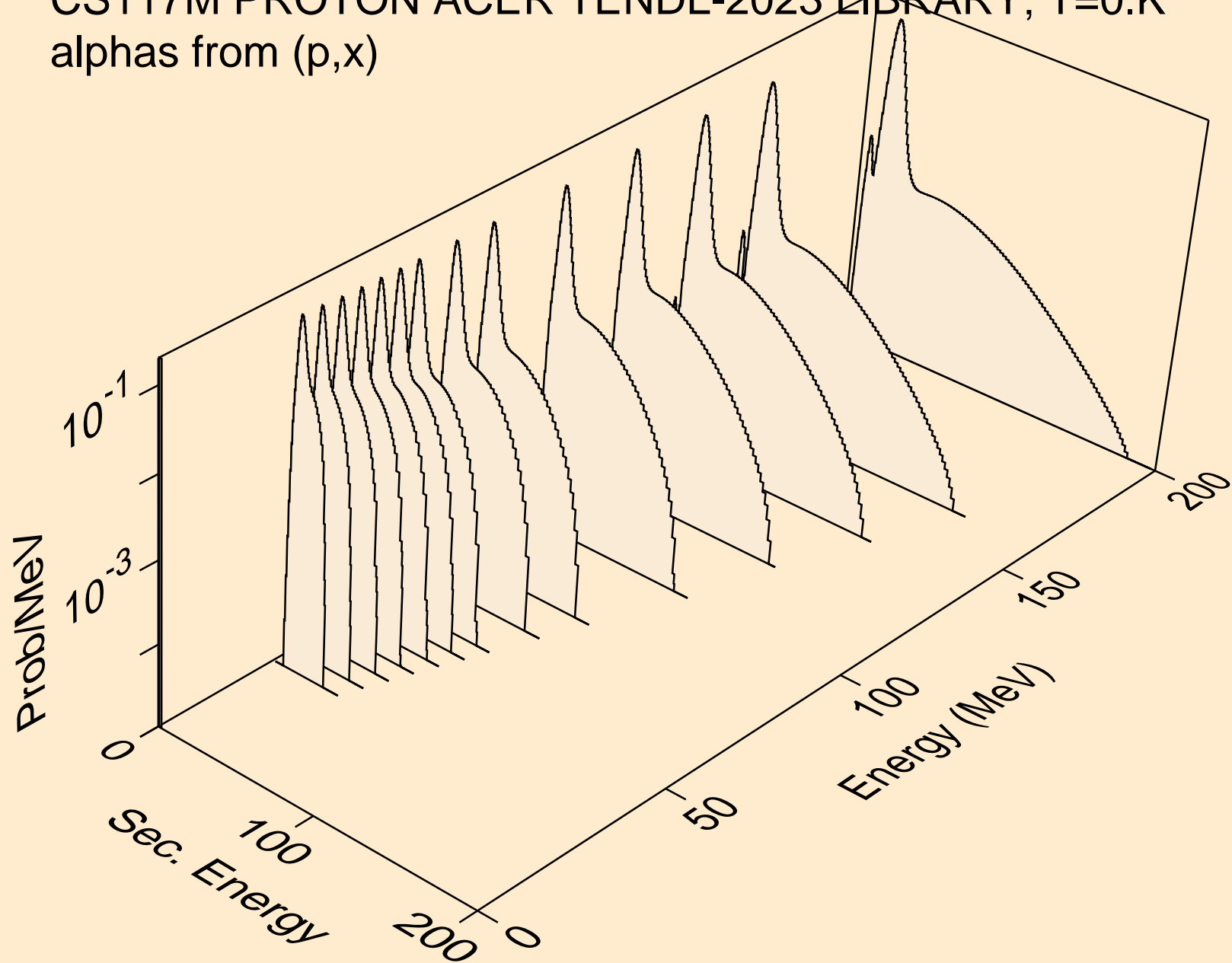
CS117M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3



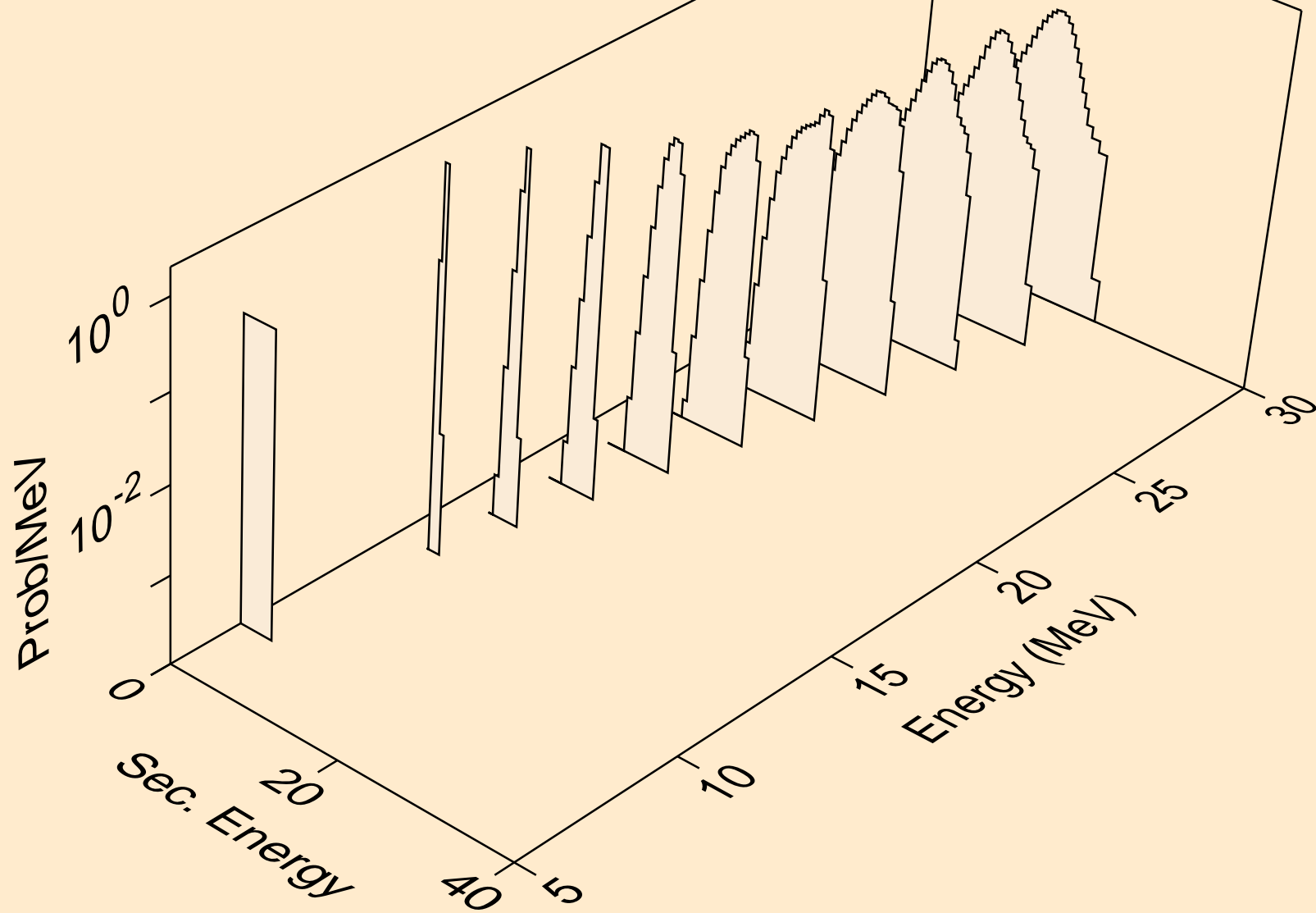
CS117M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,he3)



CS117M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)

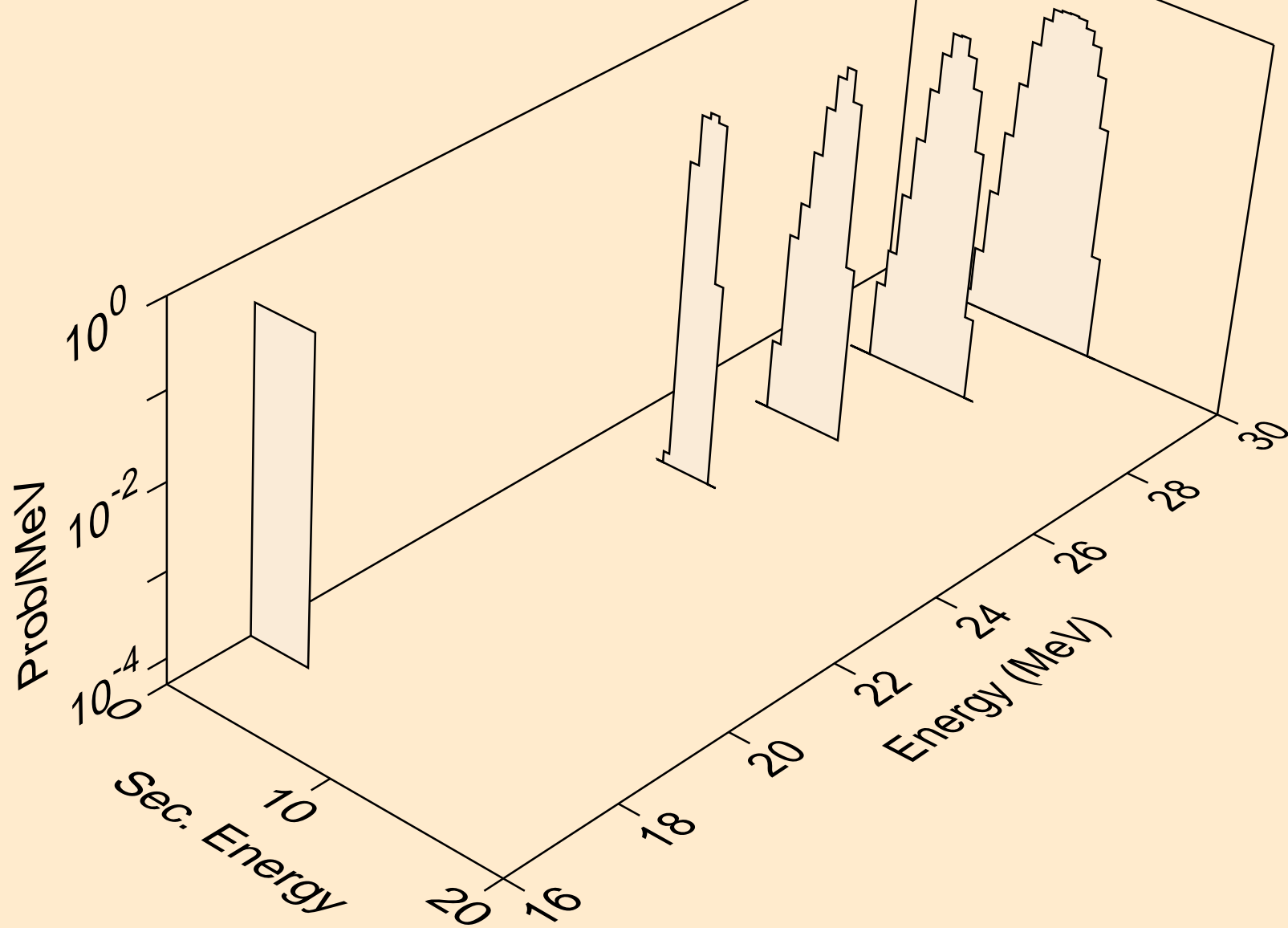


CS117M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a

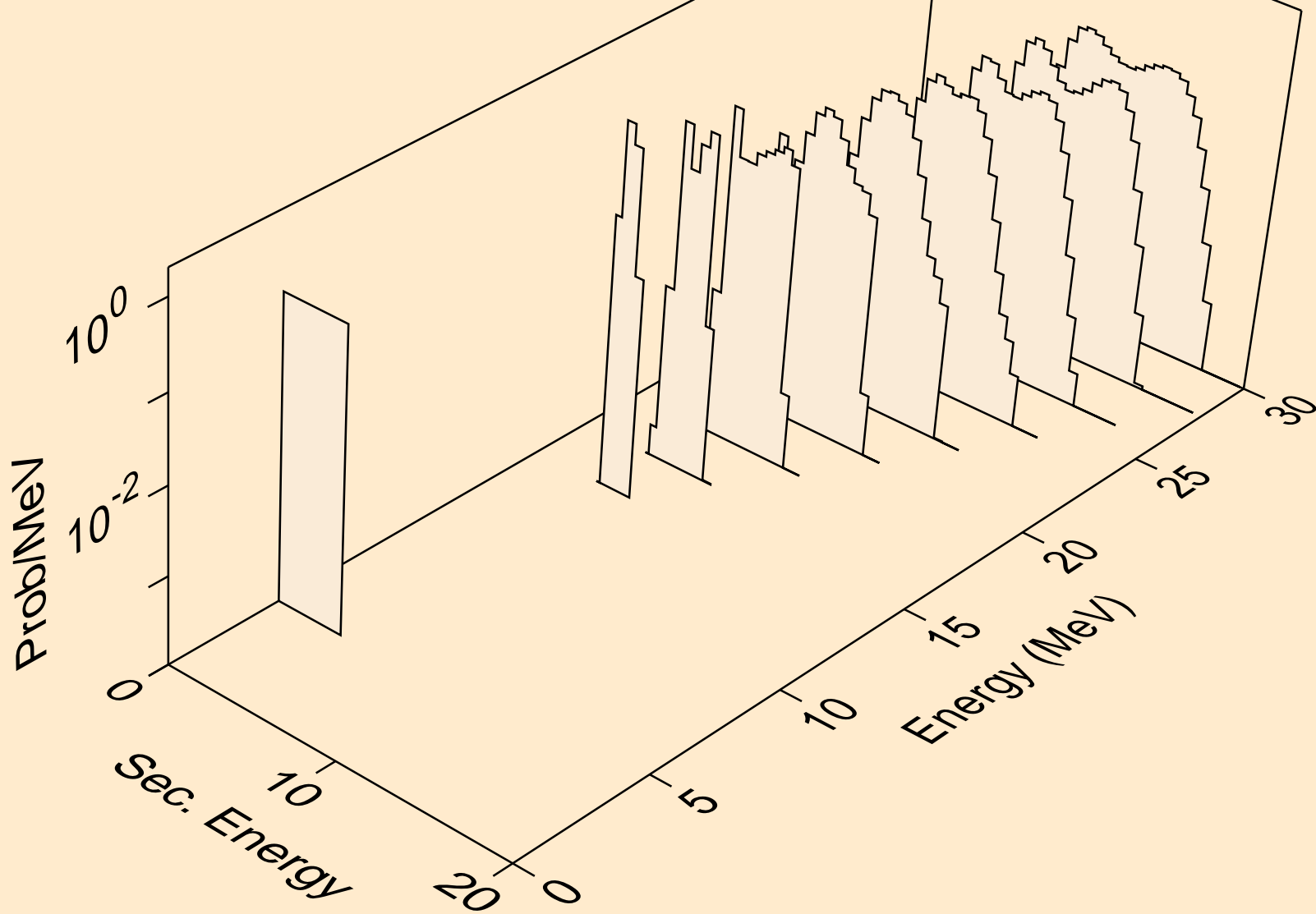




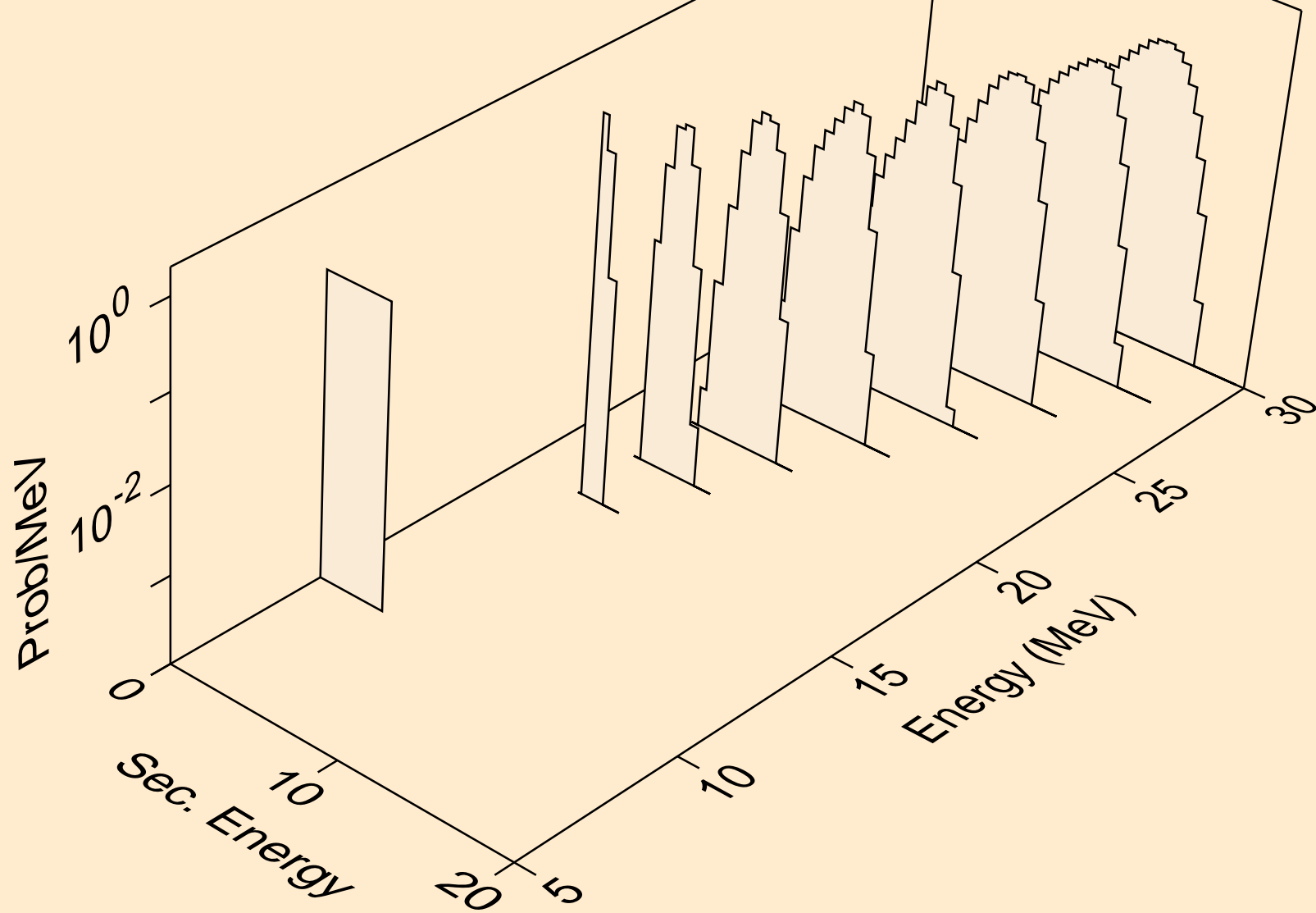
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alphas from (p,2n)a



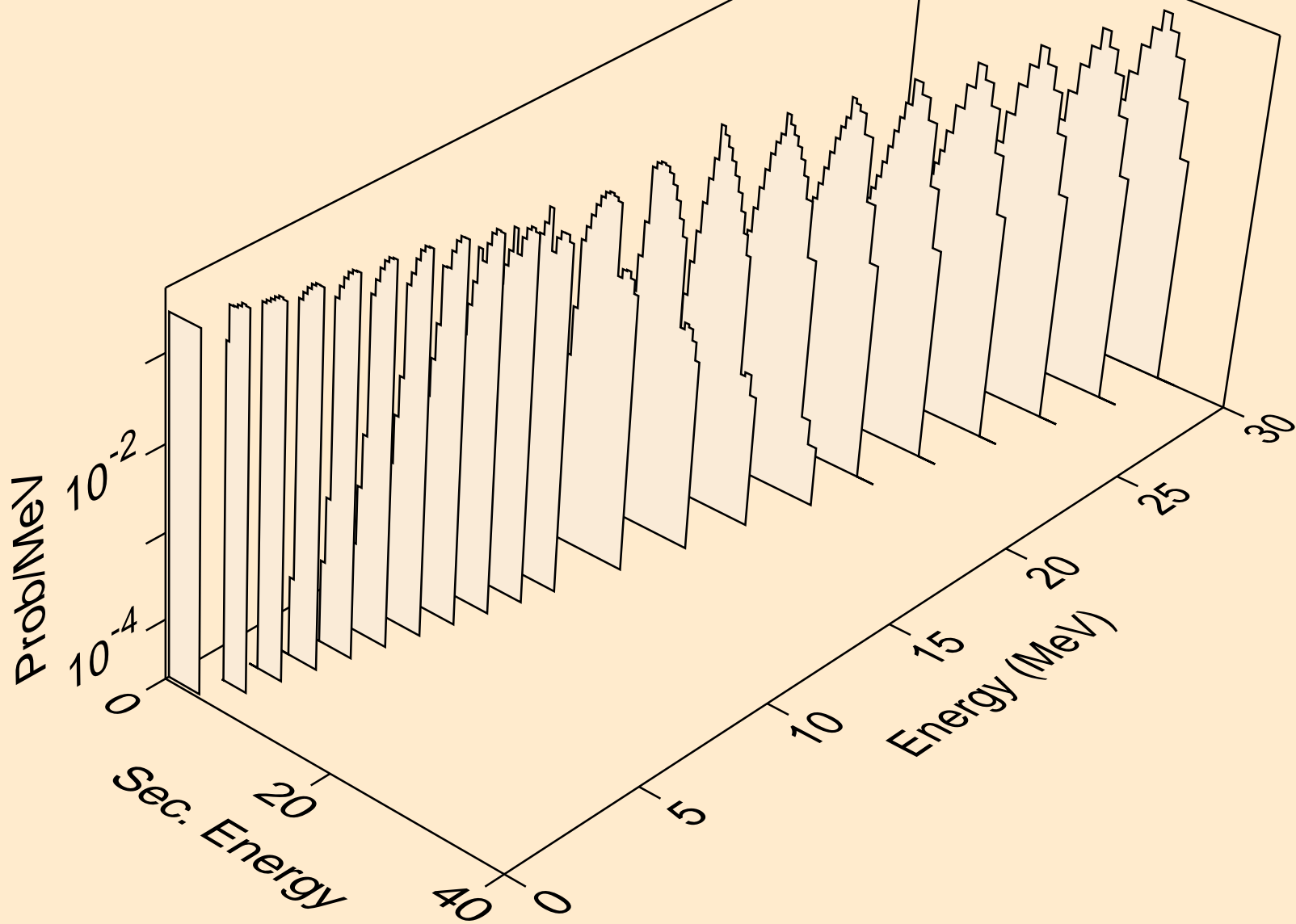
CS117M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)2a



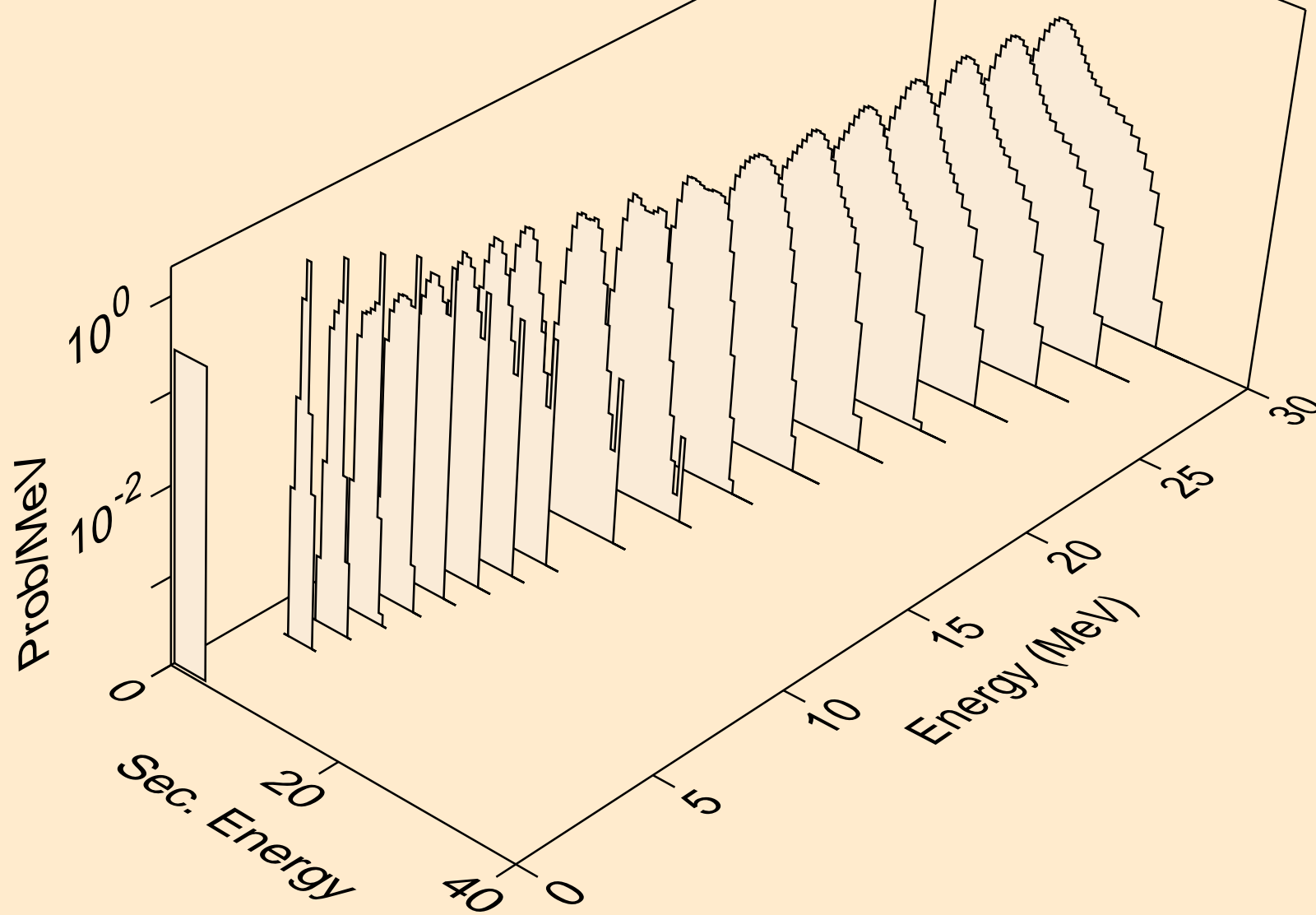
CS117M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,npa)



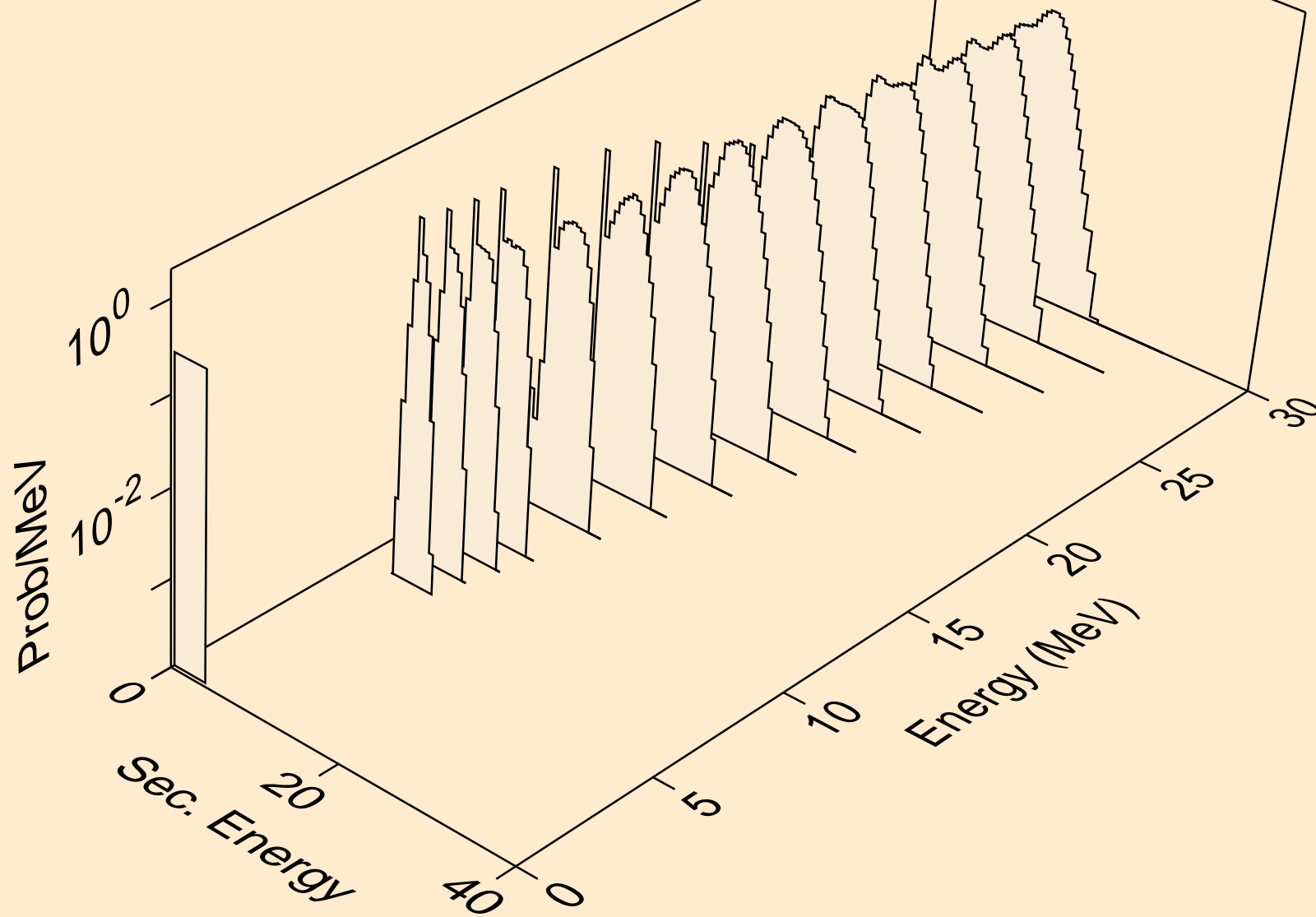
CS117M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)



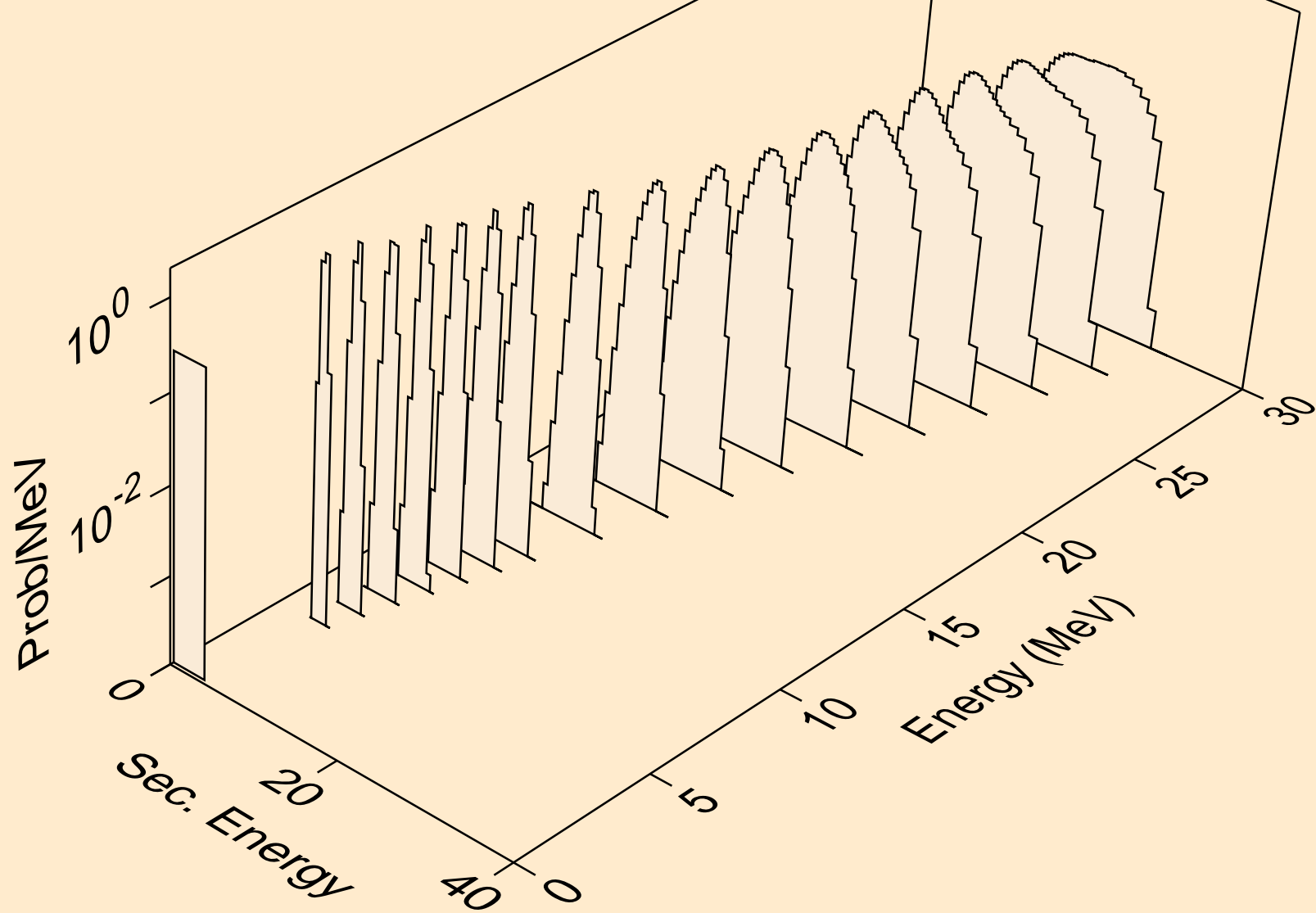
CS117M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2a)



CS117M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,3a)



CS117M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,pa)



CS117M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,da)

