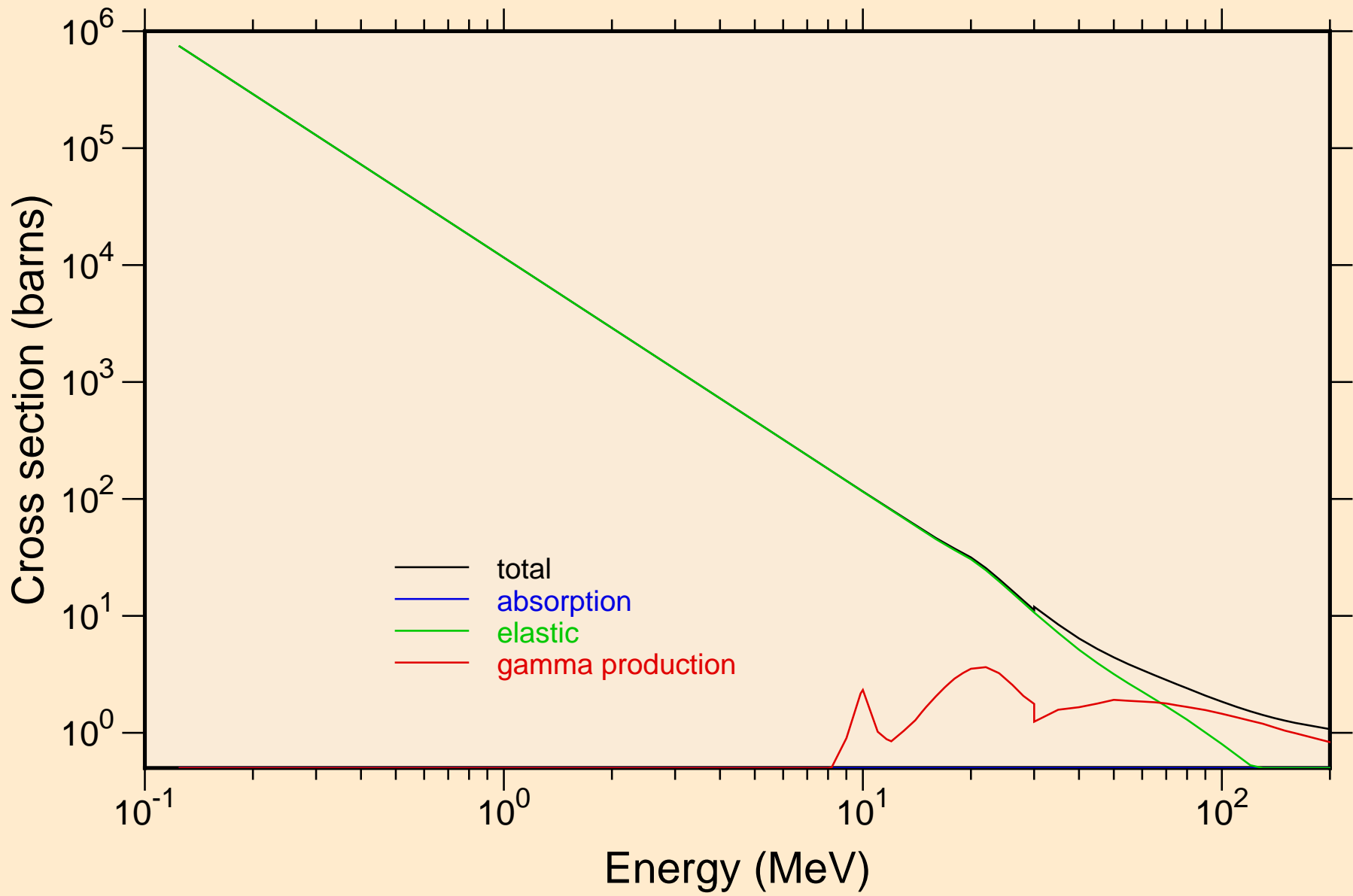
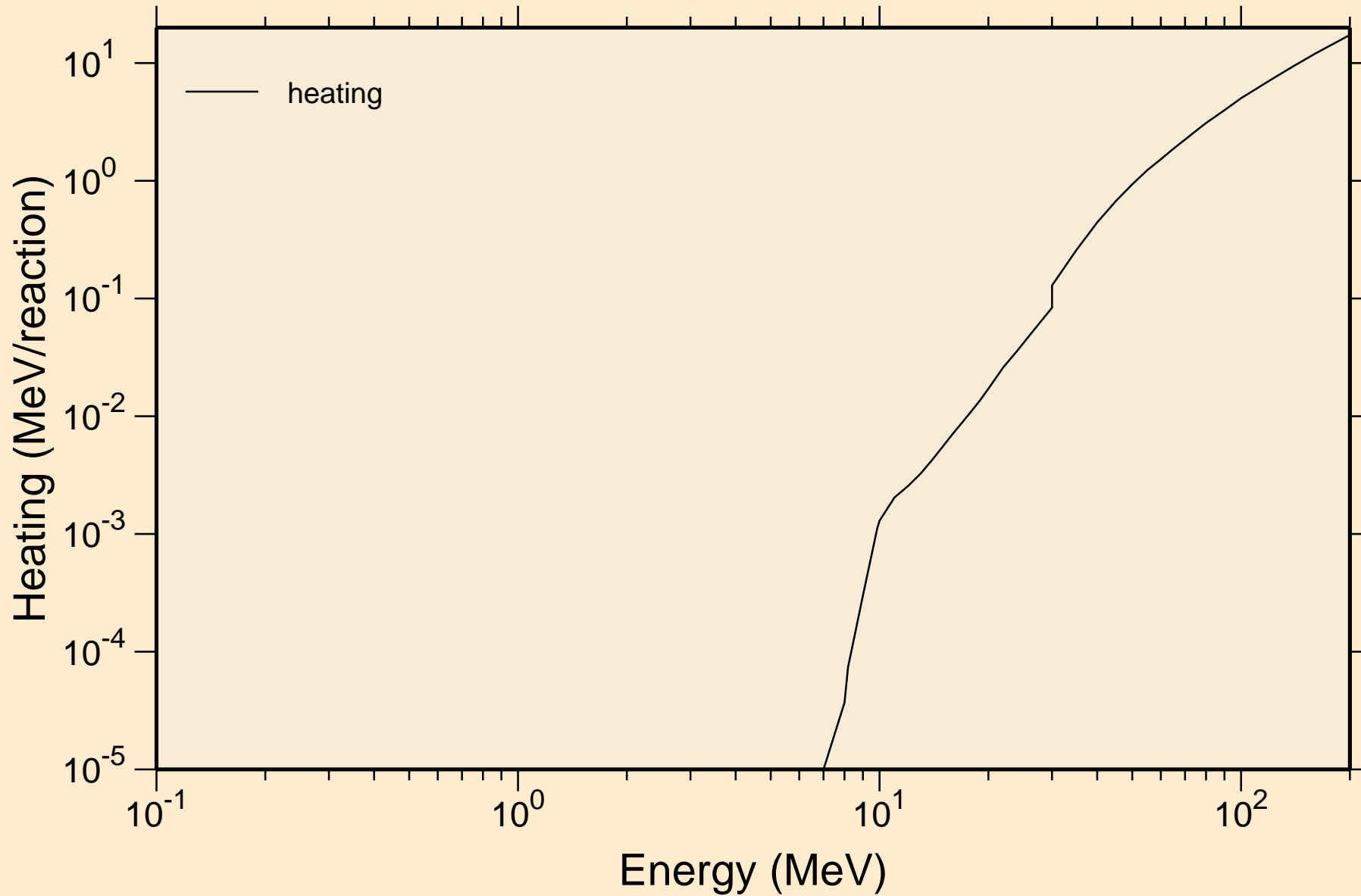


TC089M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



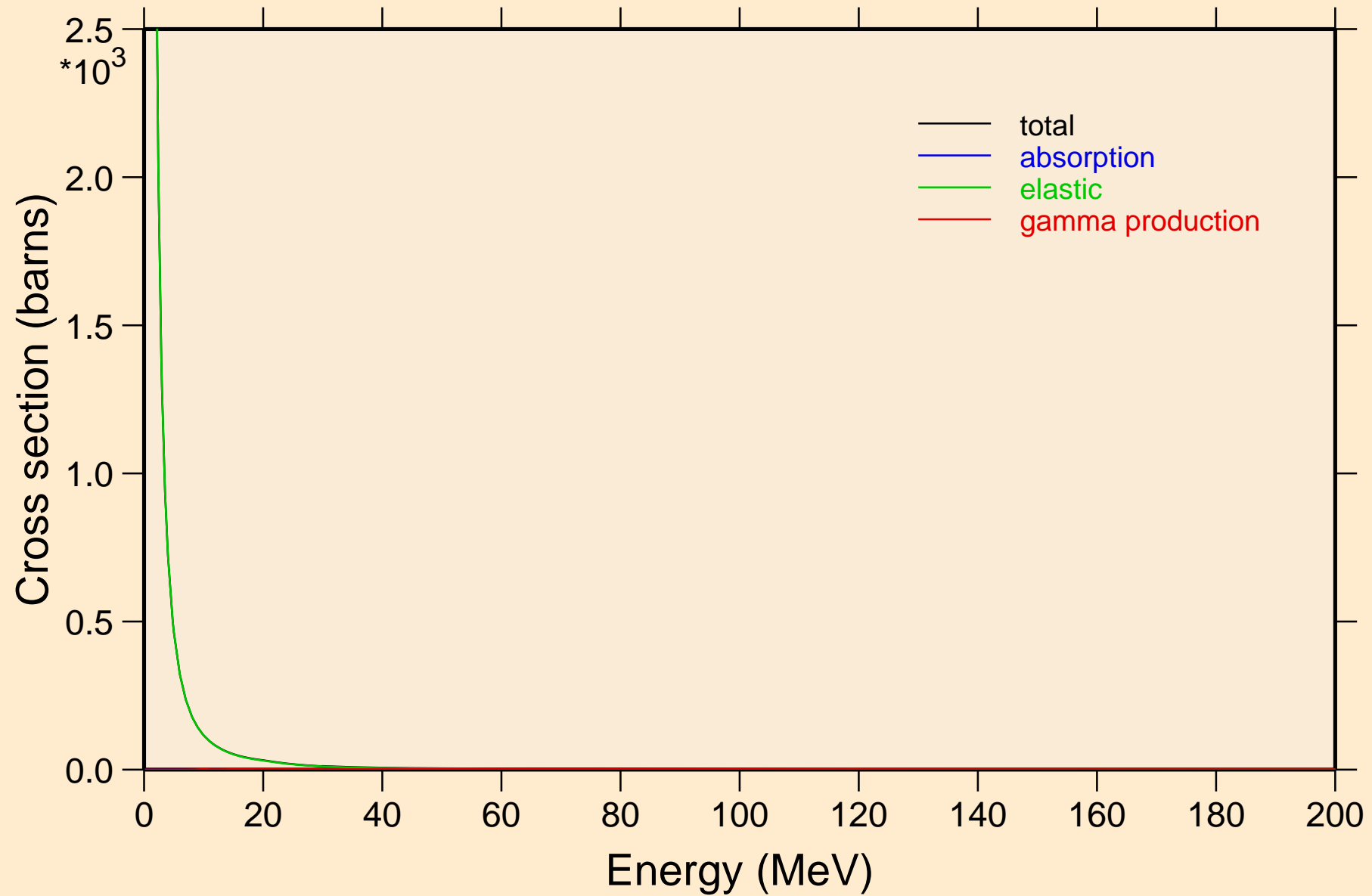
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Heating



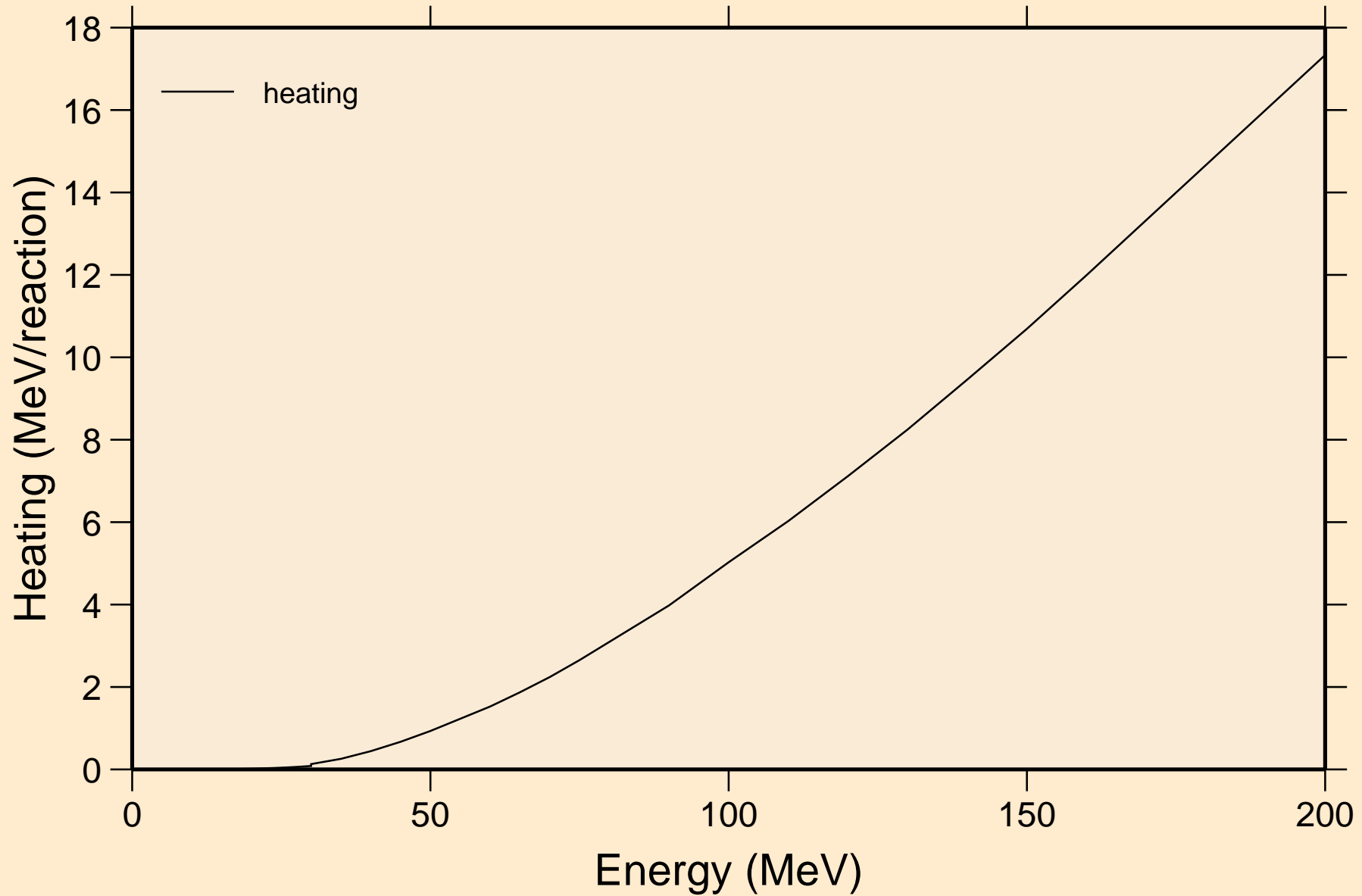
# TC089M PROTON ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

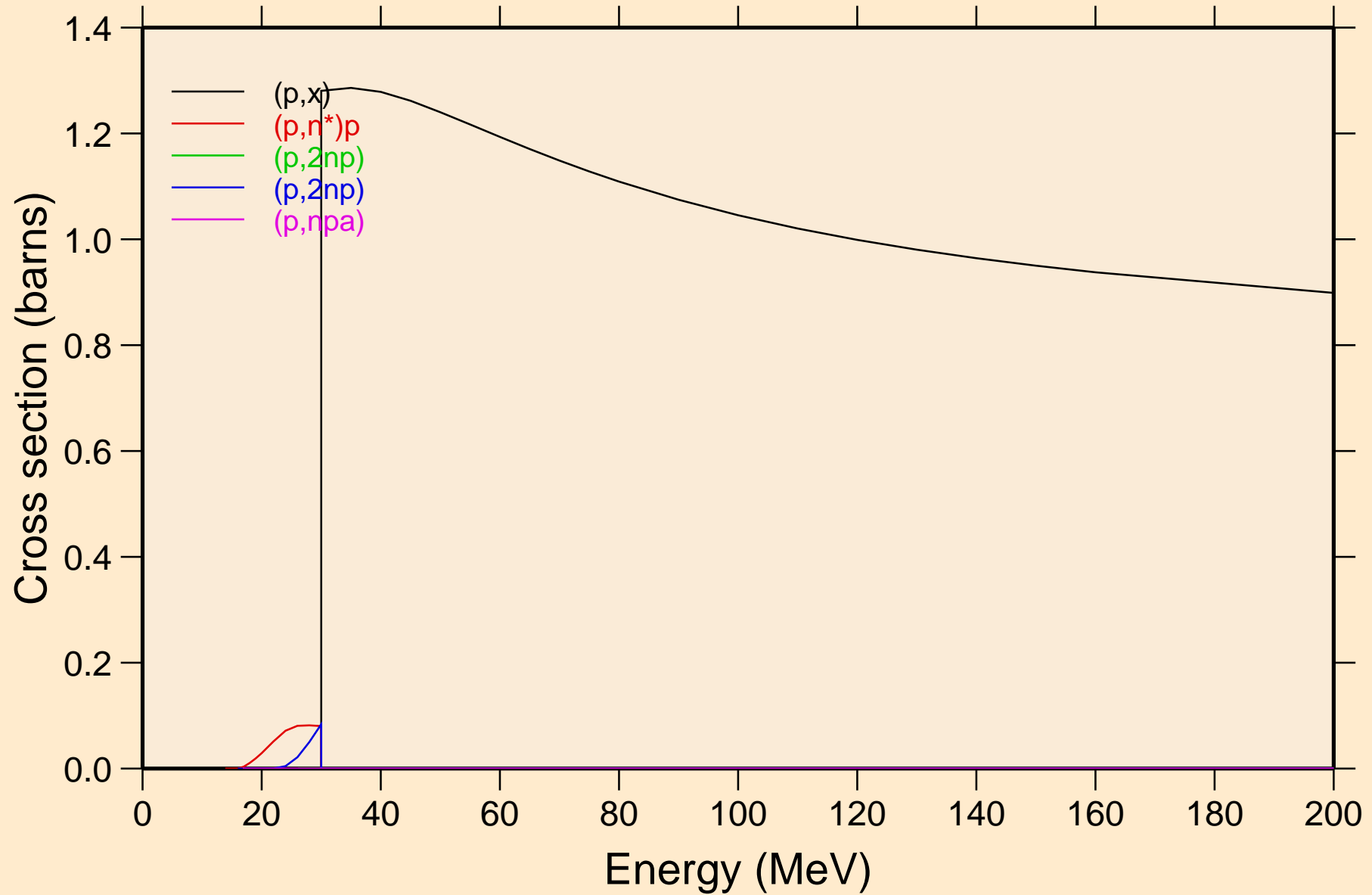


TC089M PROTON ACER TENDL-2021 LIBRARY; T=0.K

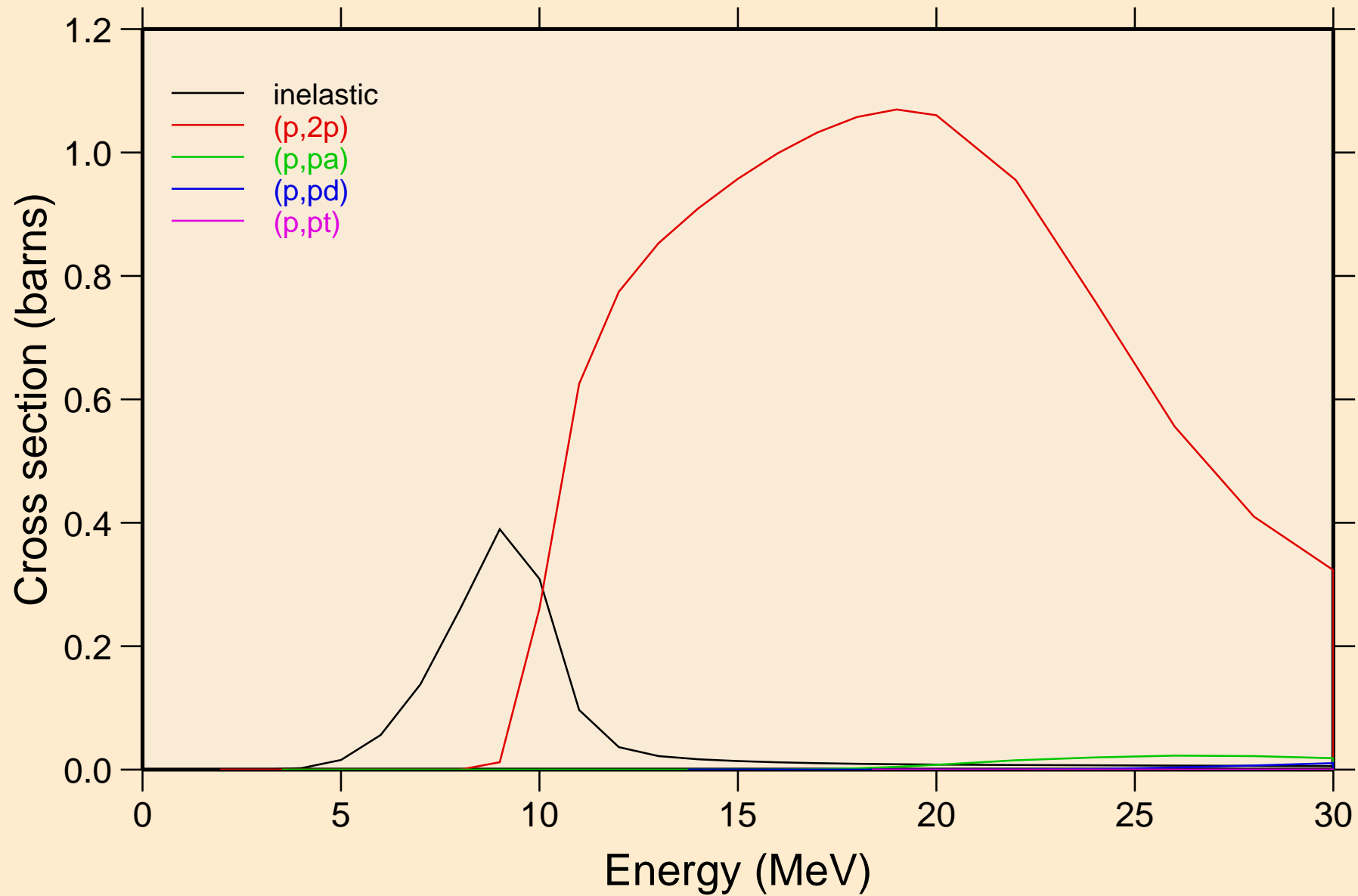
Heating



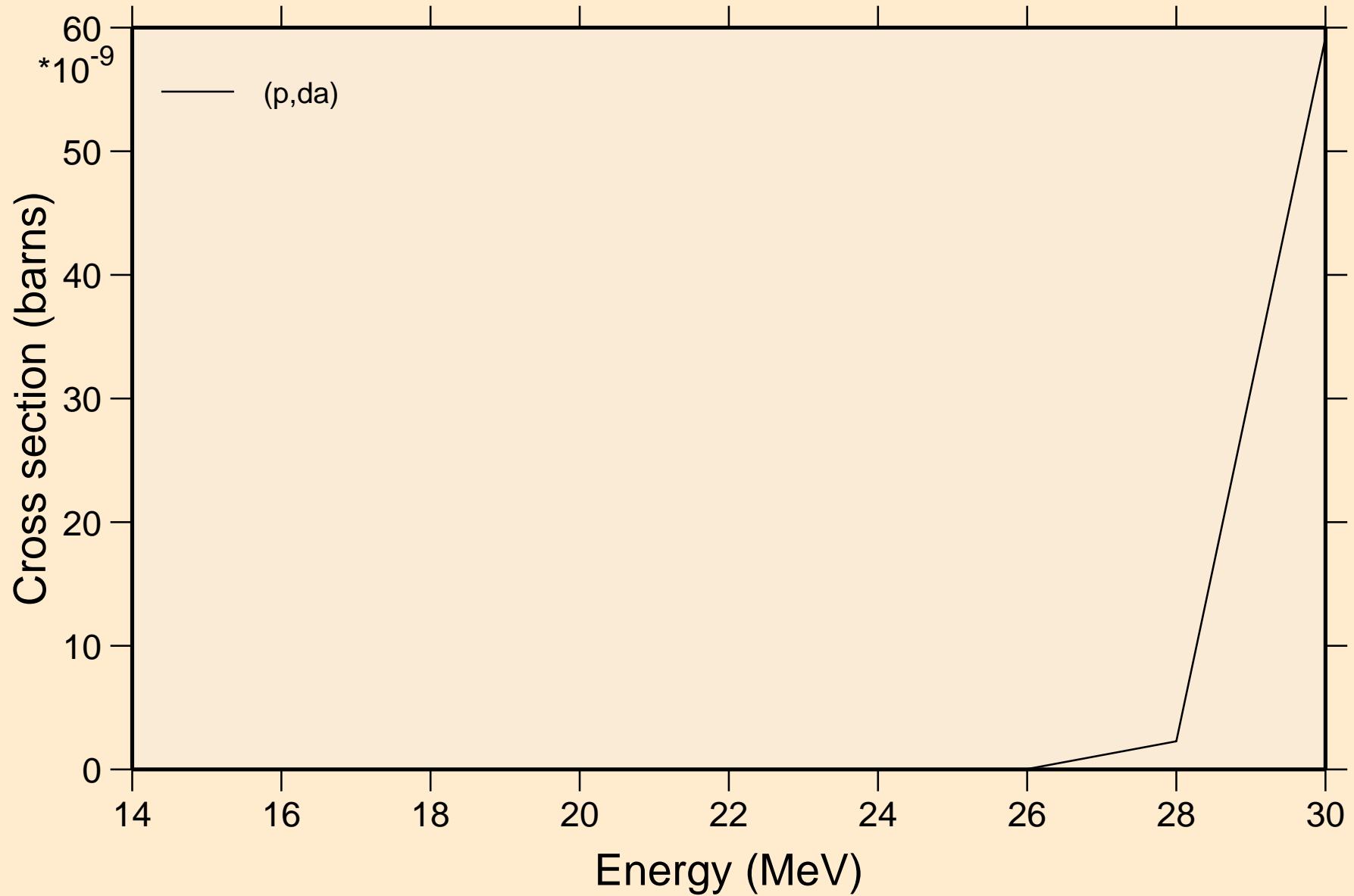
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Threshold reactions



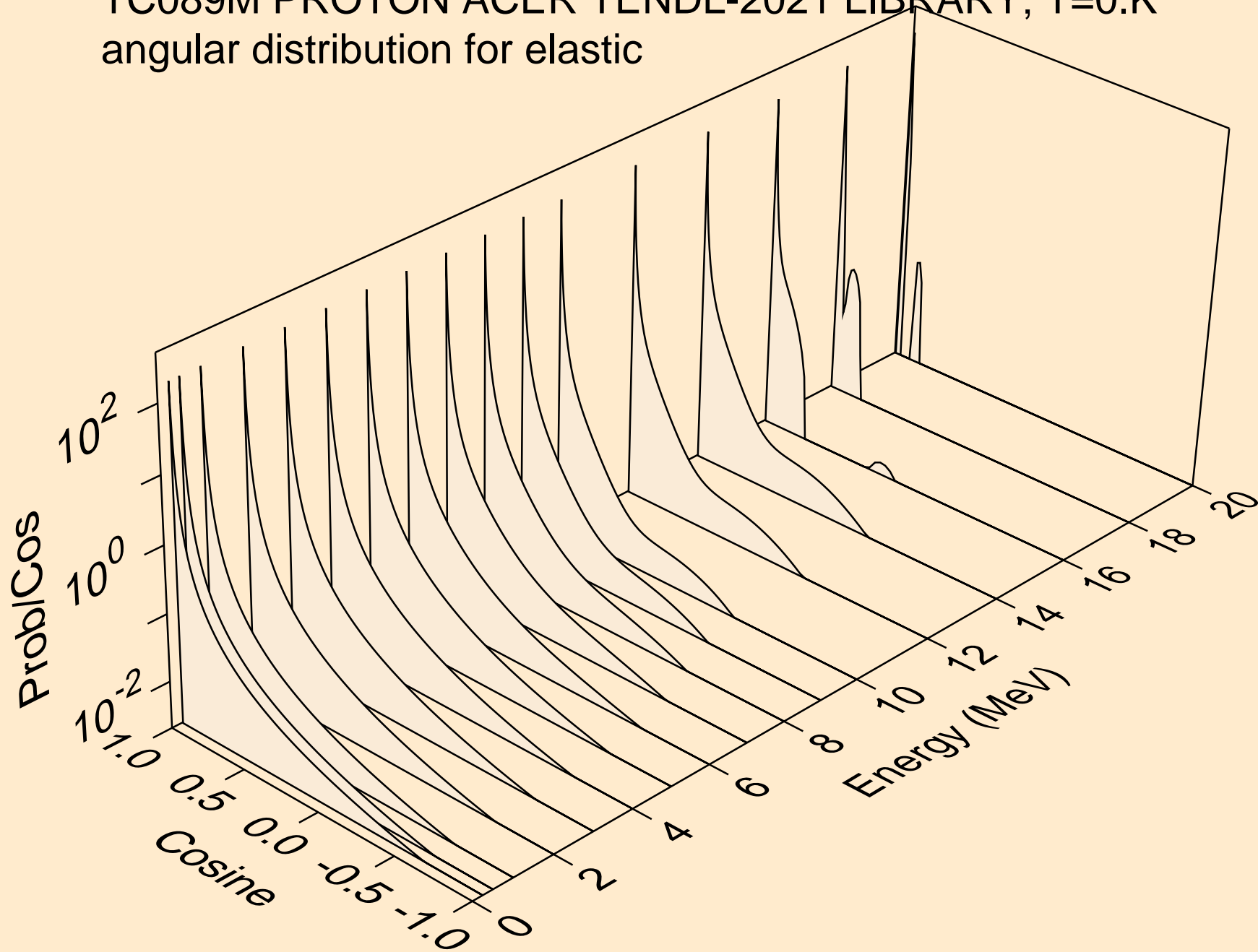
TC089M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



TC089M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

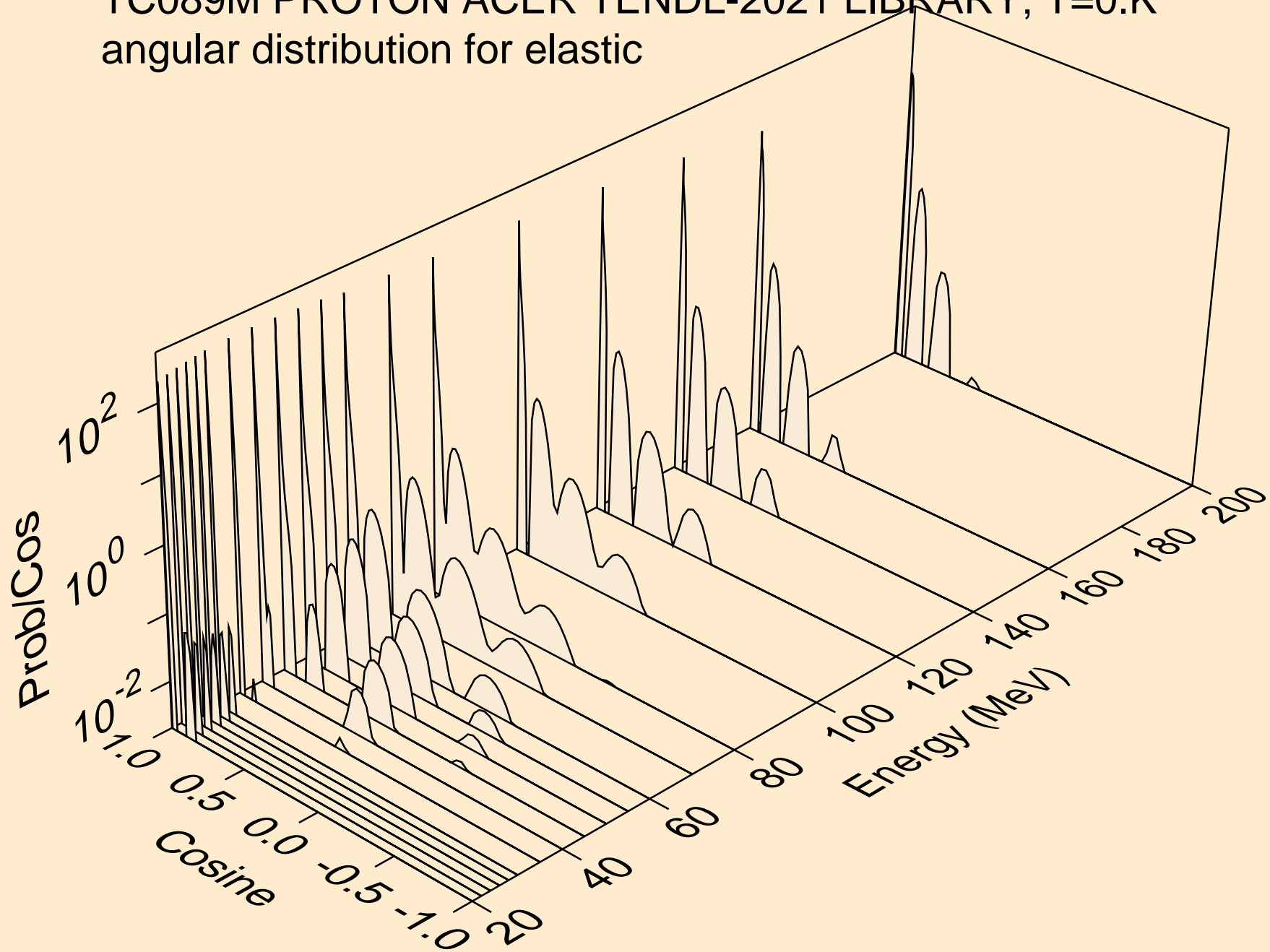


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angular distribution for elastic

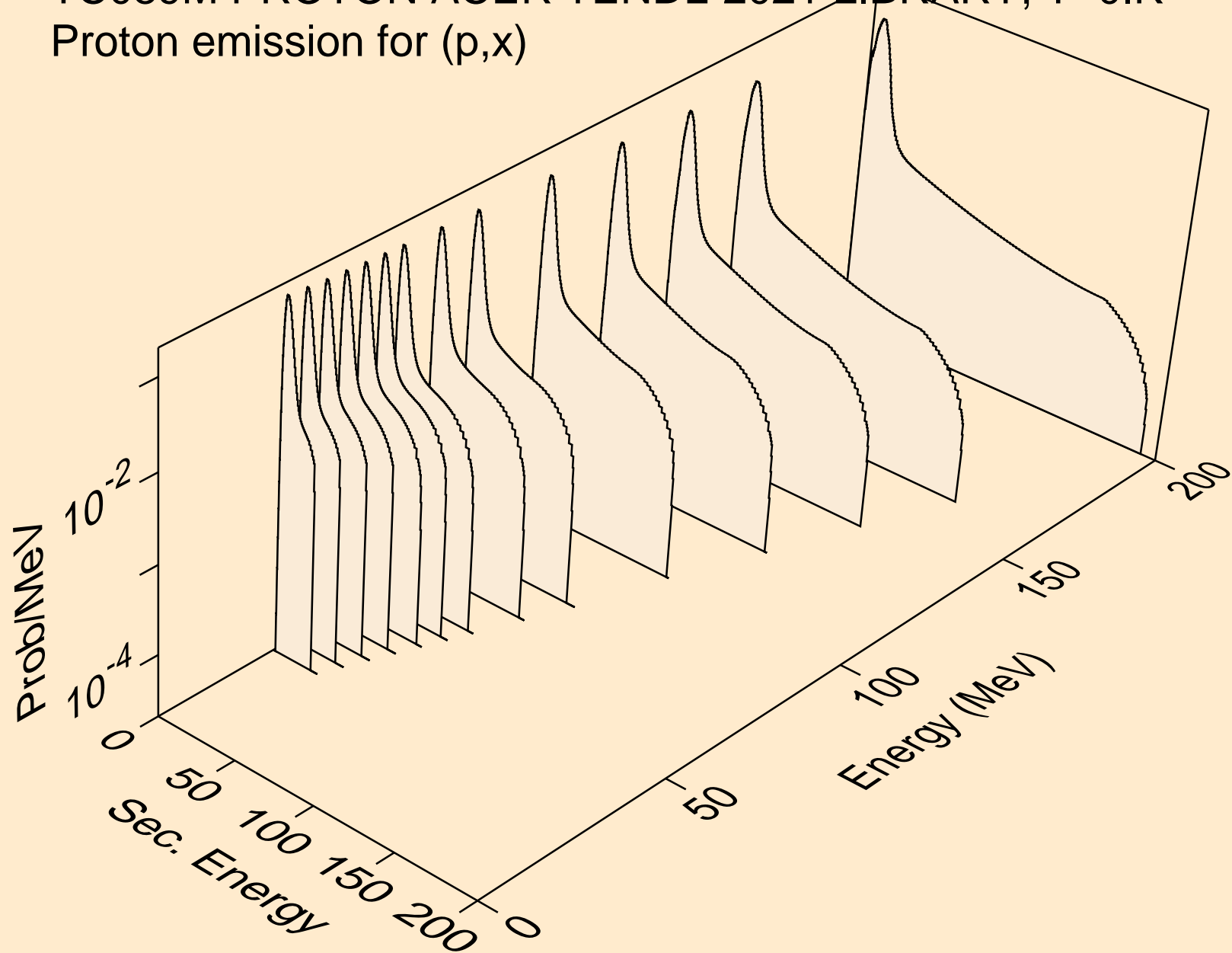




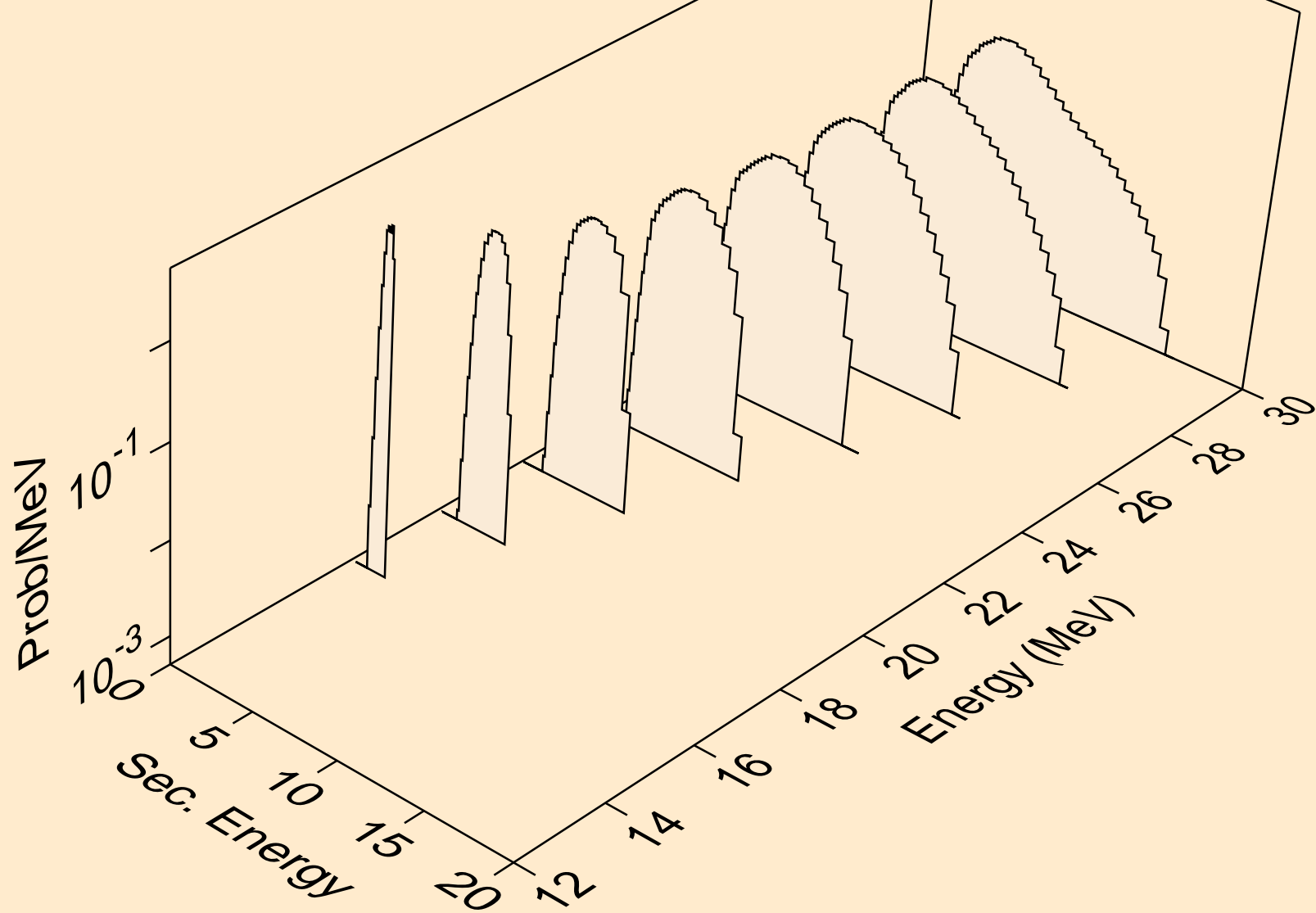
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angular distribution for elastic



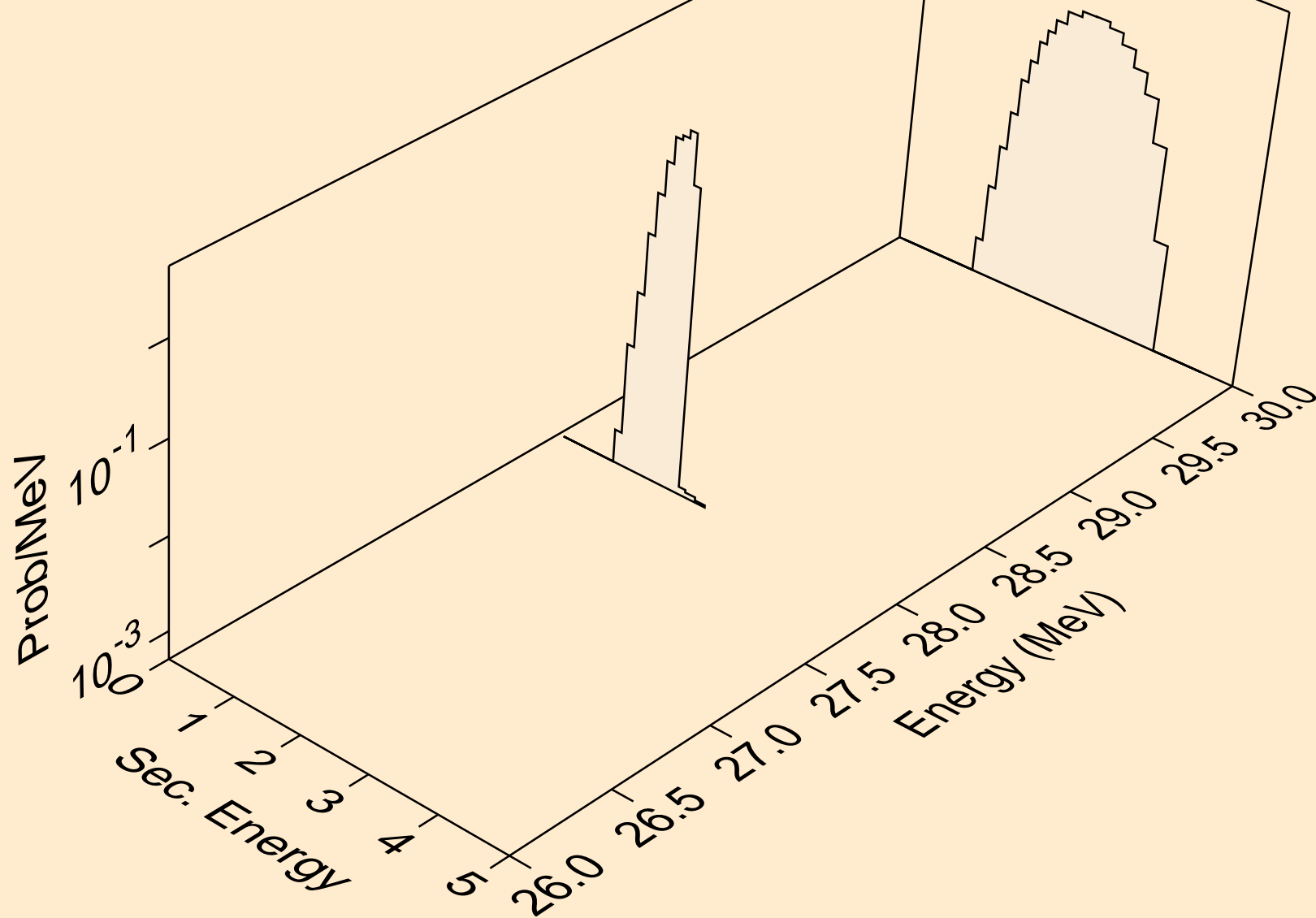
TC089M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,x)



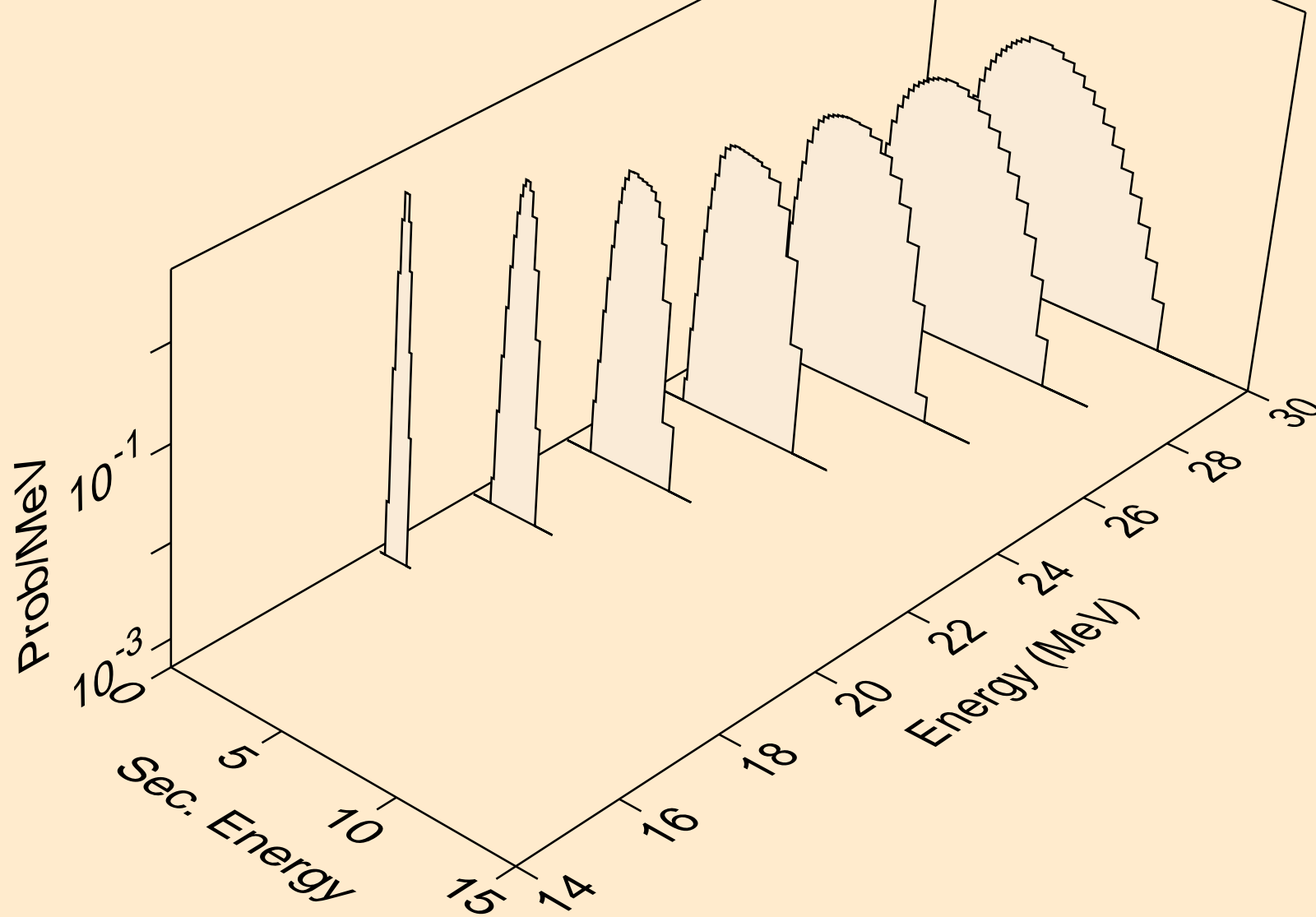
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Proton emission for (p,n\*)p



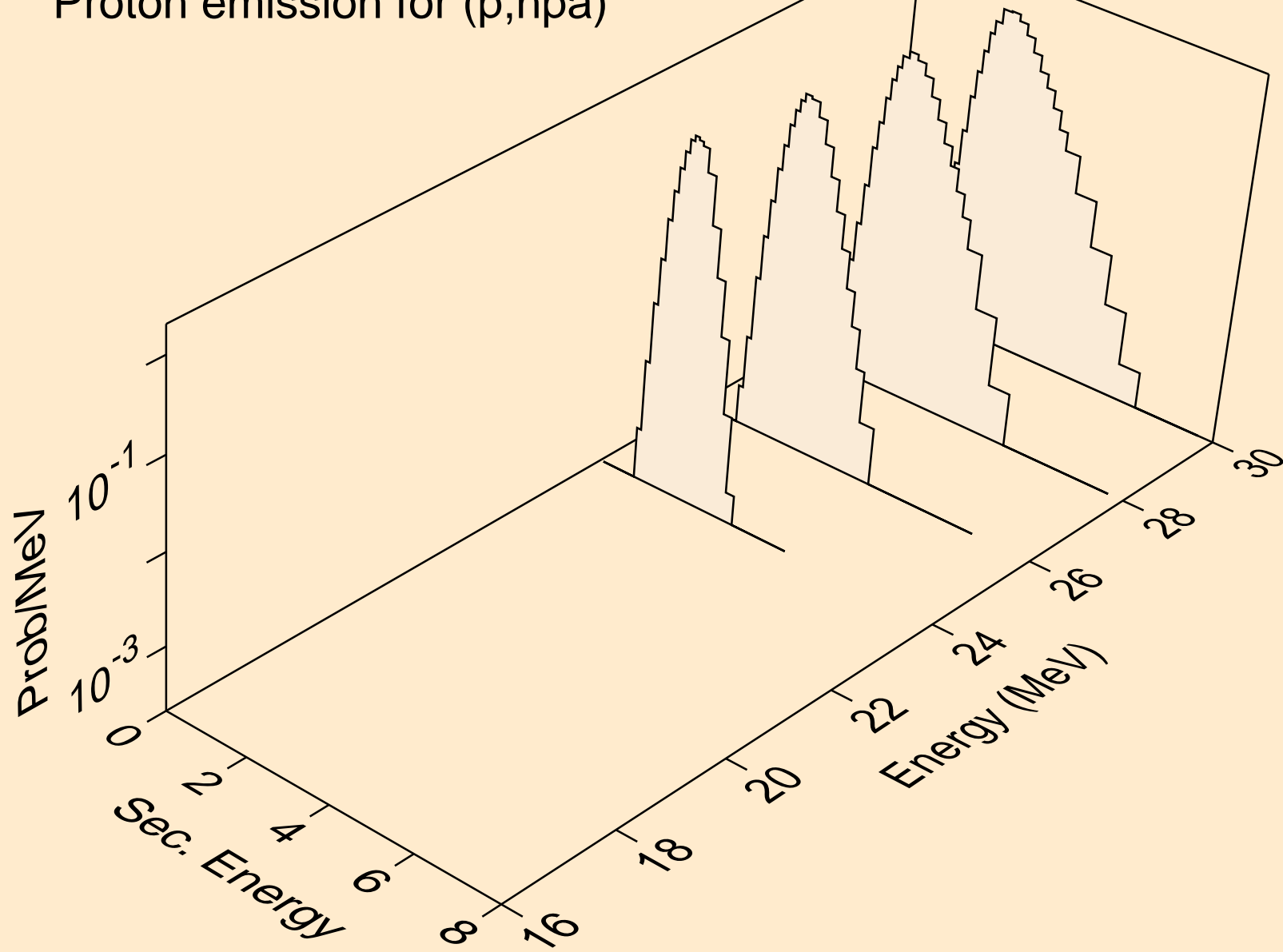
TC089M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)



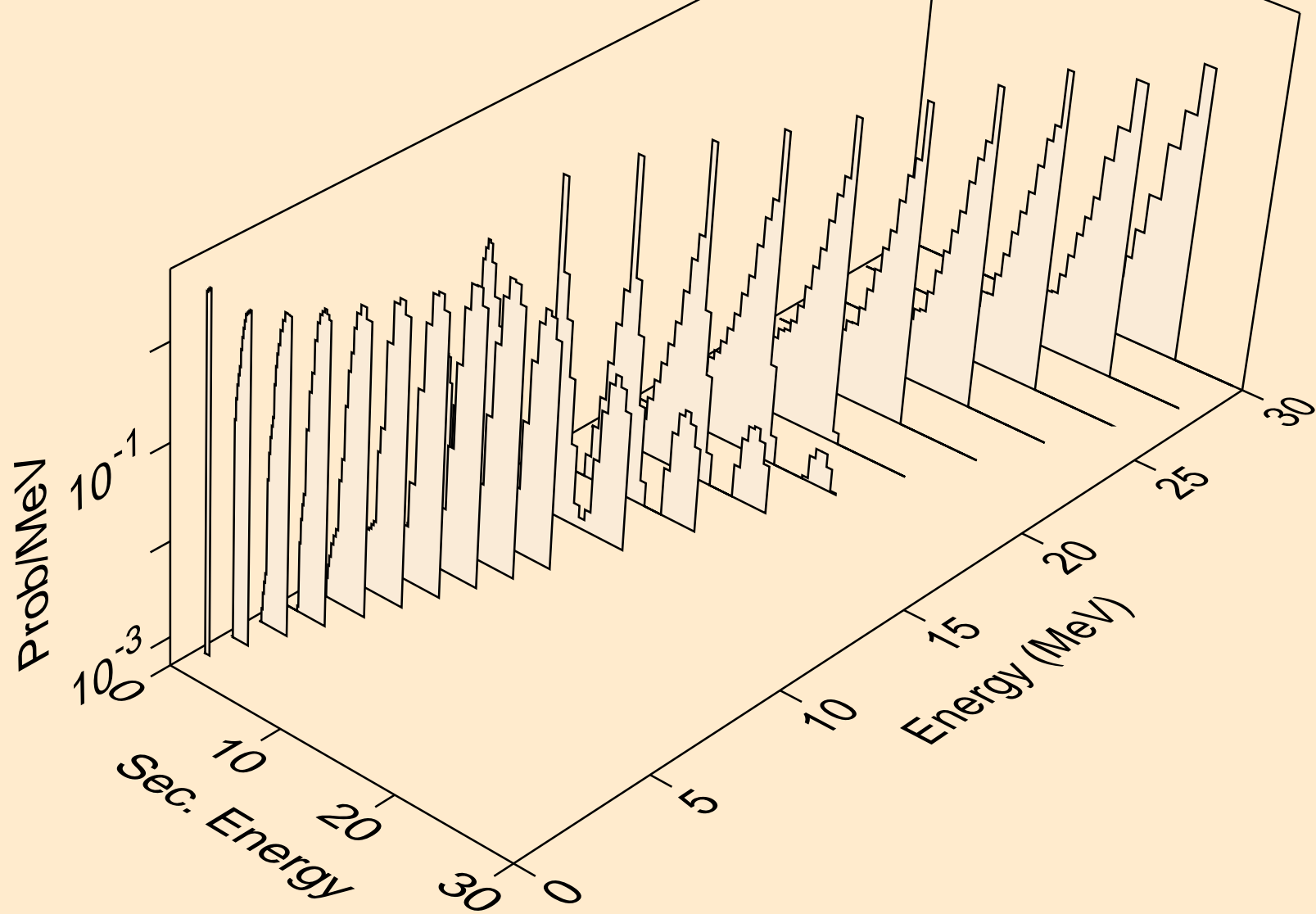
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Proton emission for (p,2np)



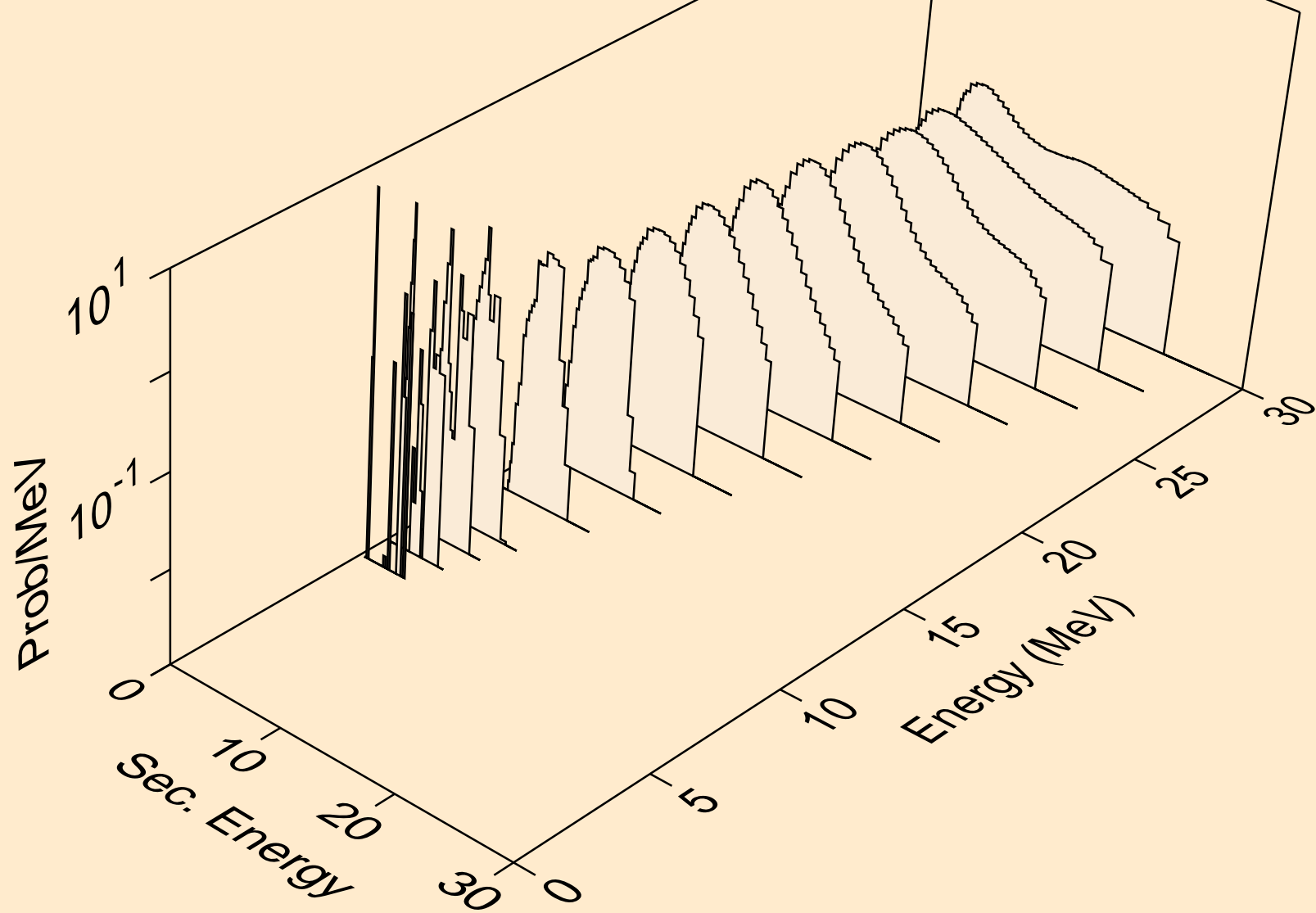
TC089M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,npa)



TC089M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for inelastic

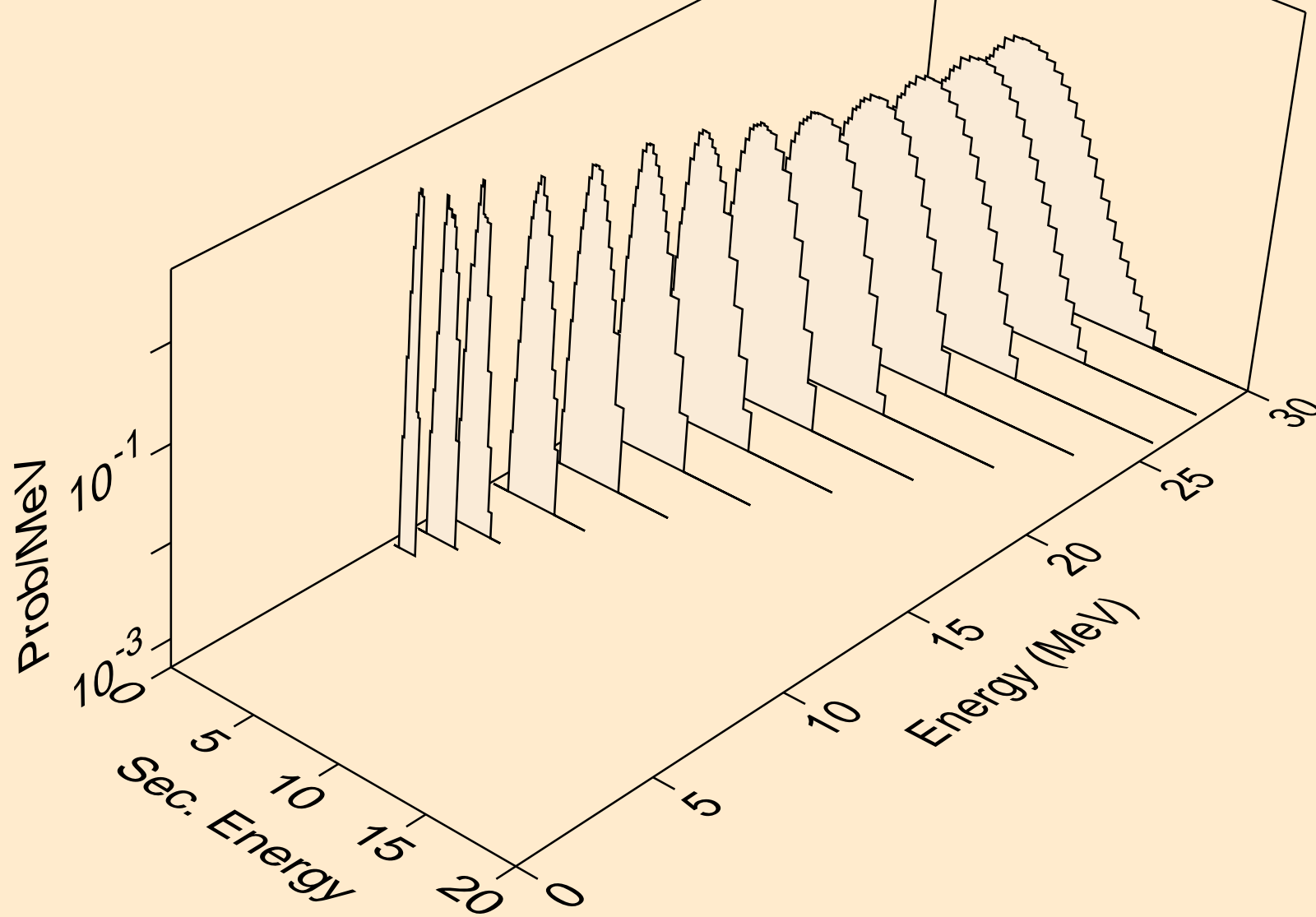


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Proton emission for (p,2p)

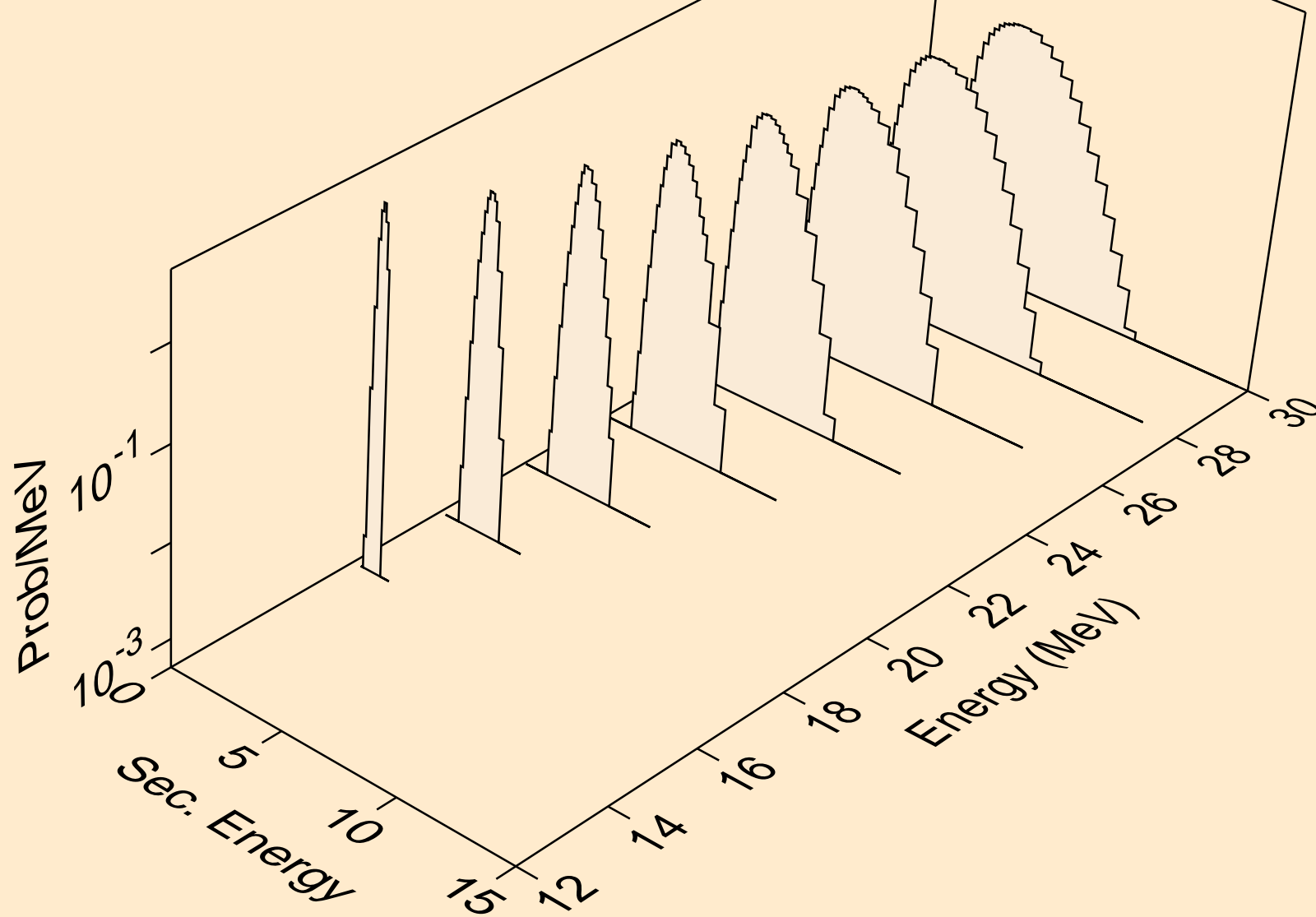




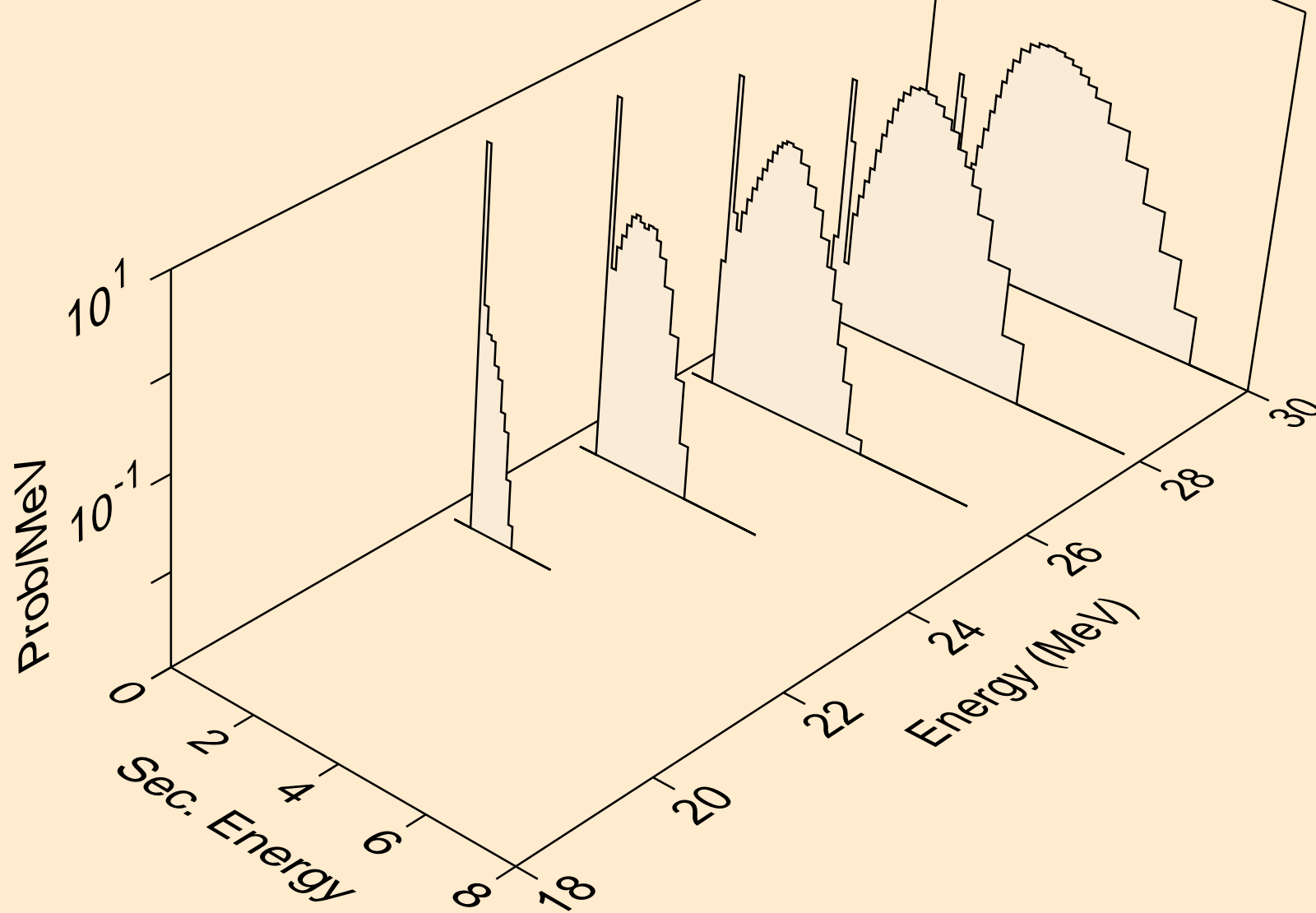
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Proton emission for (p,pa)



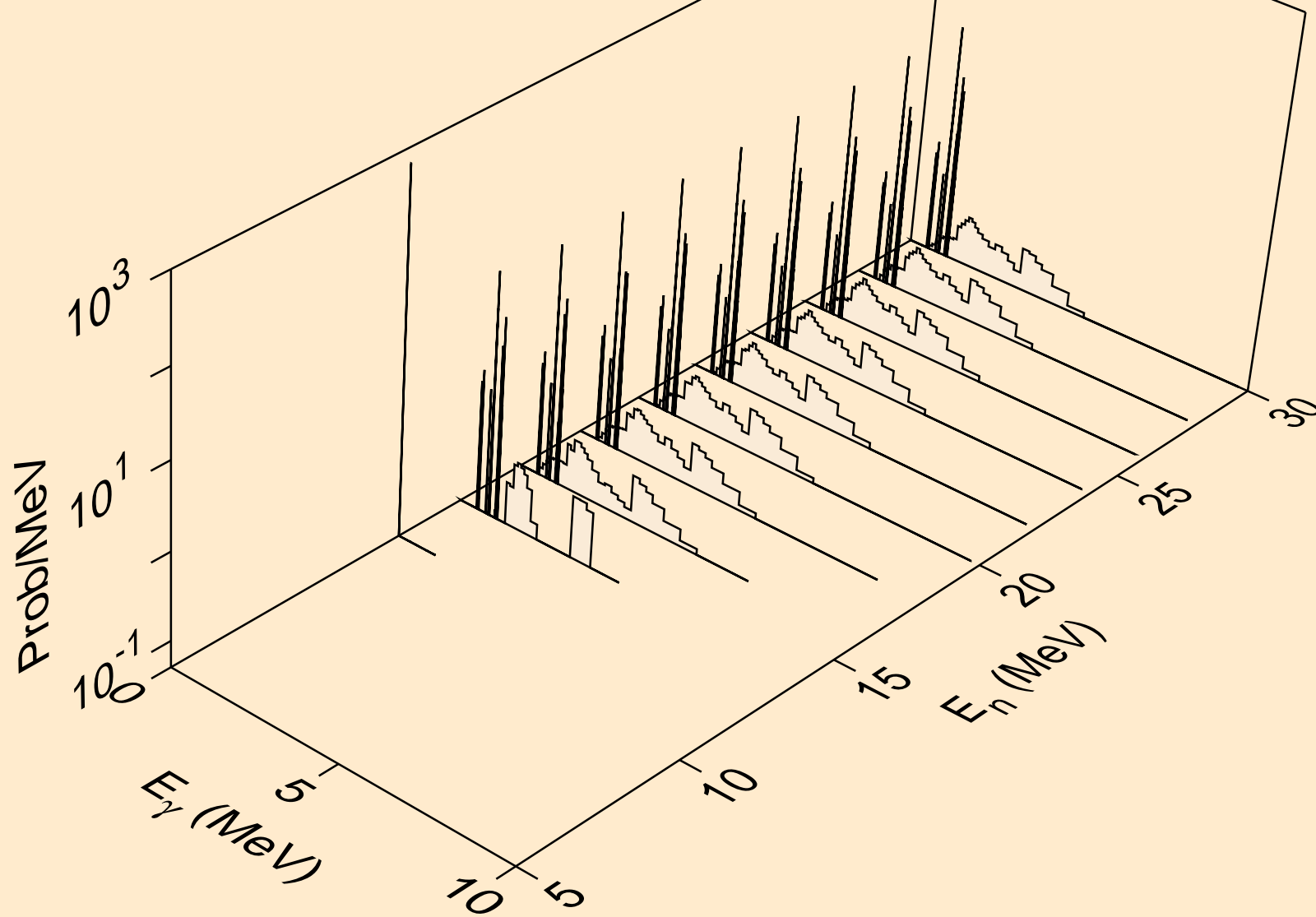
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Proton emission for (p,pd)



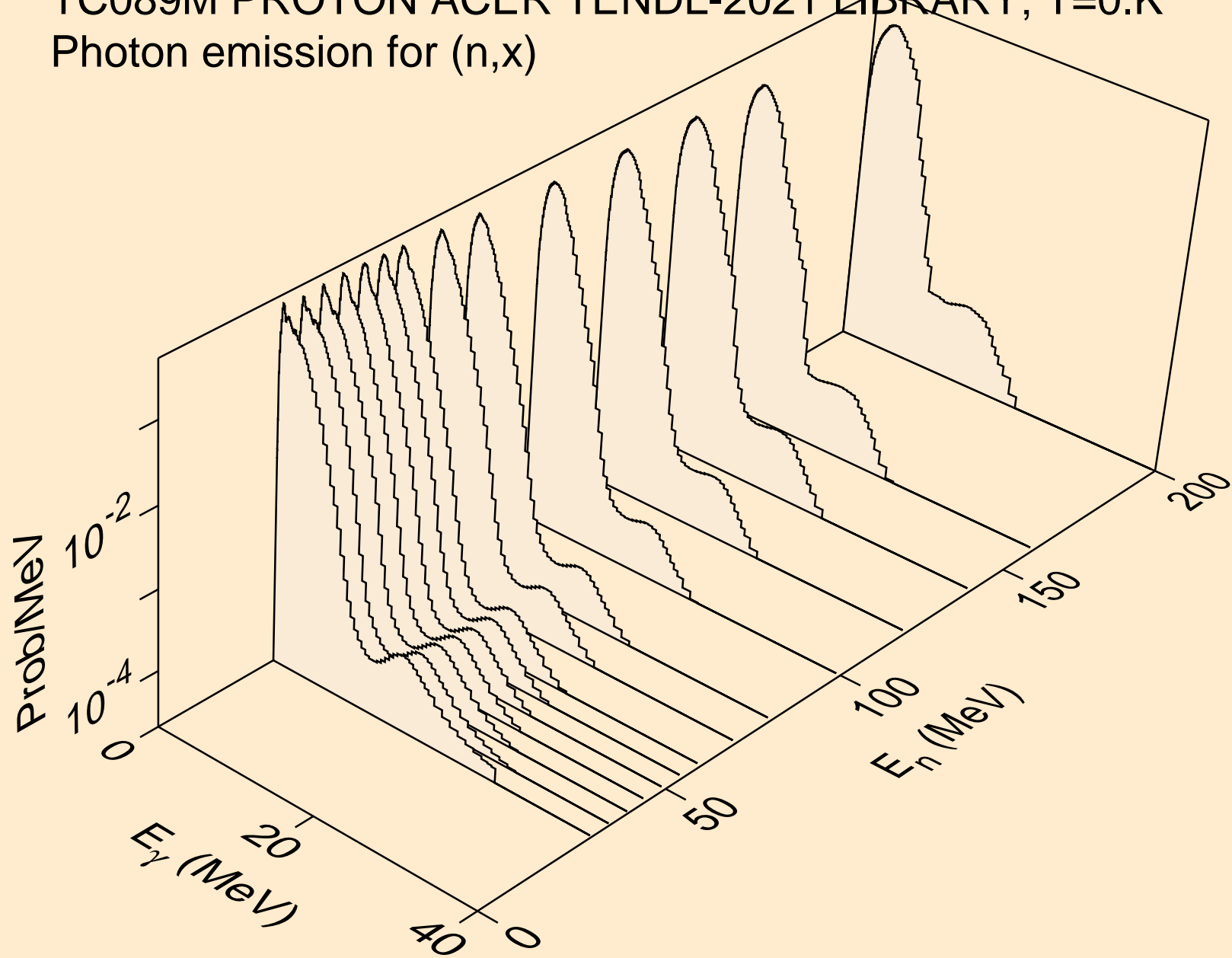
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Proton emission for (p,pt)



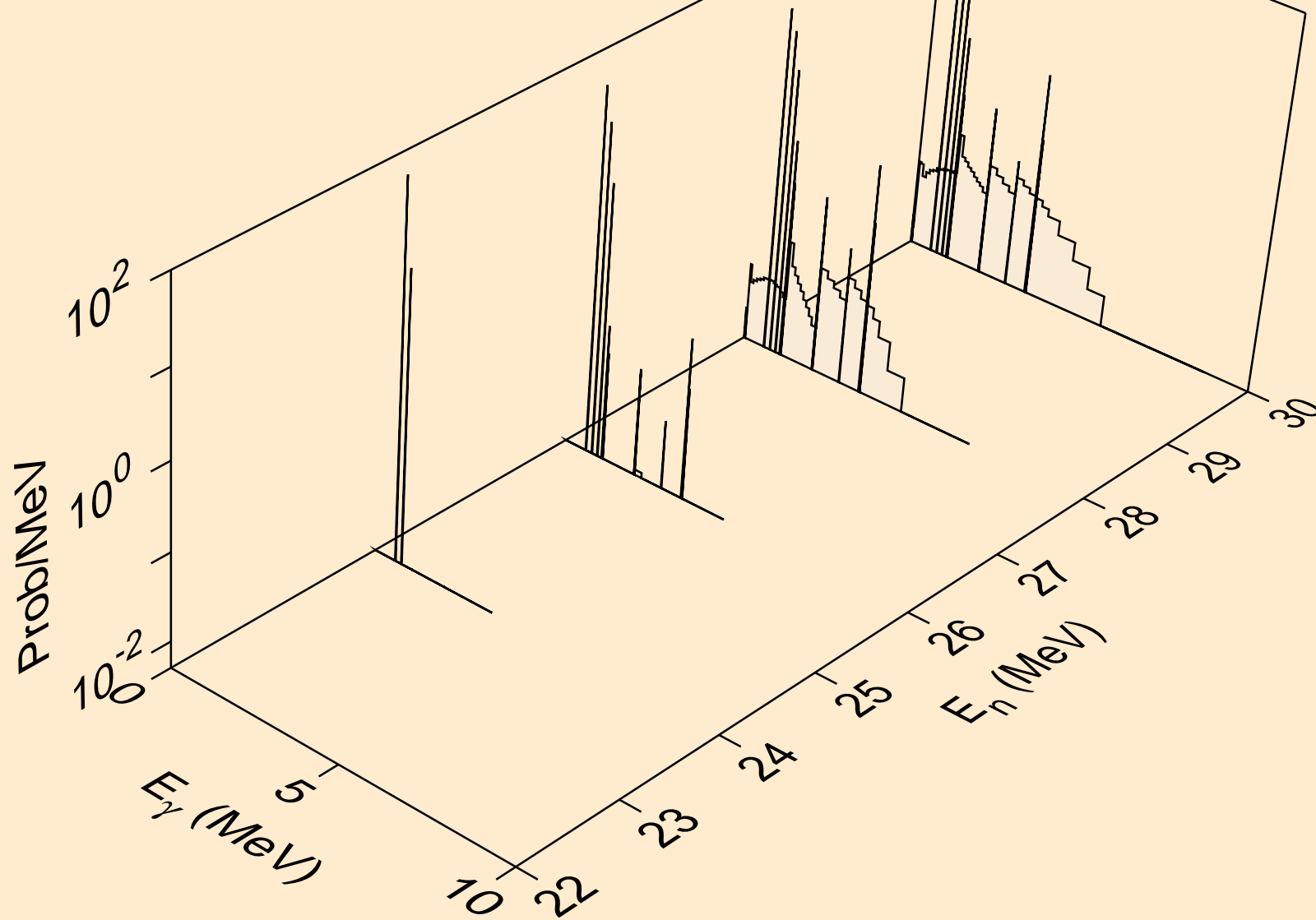
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Photon emission for (z,n)



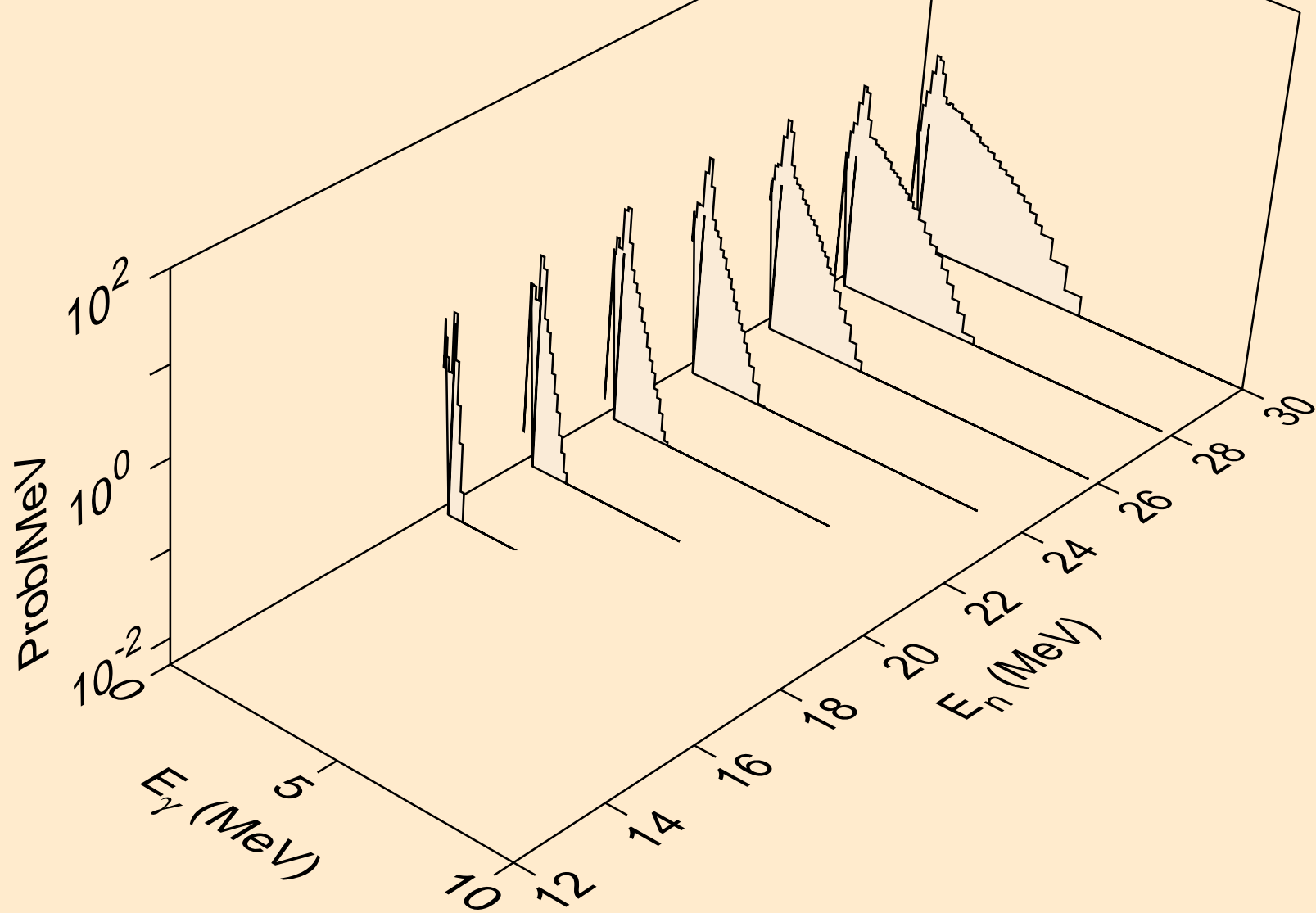
TC089M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



TC089M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)

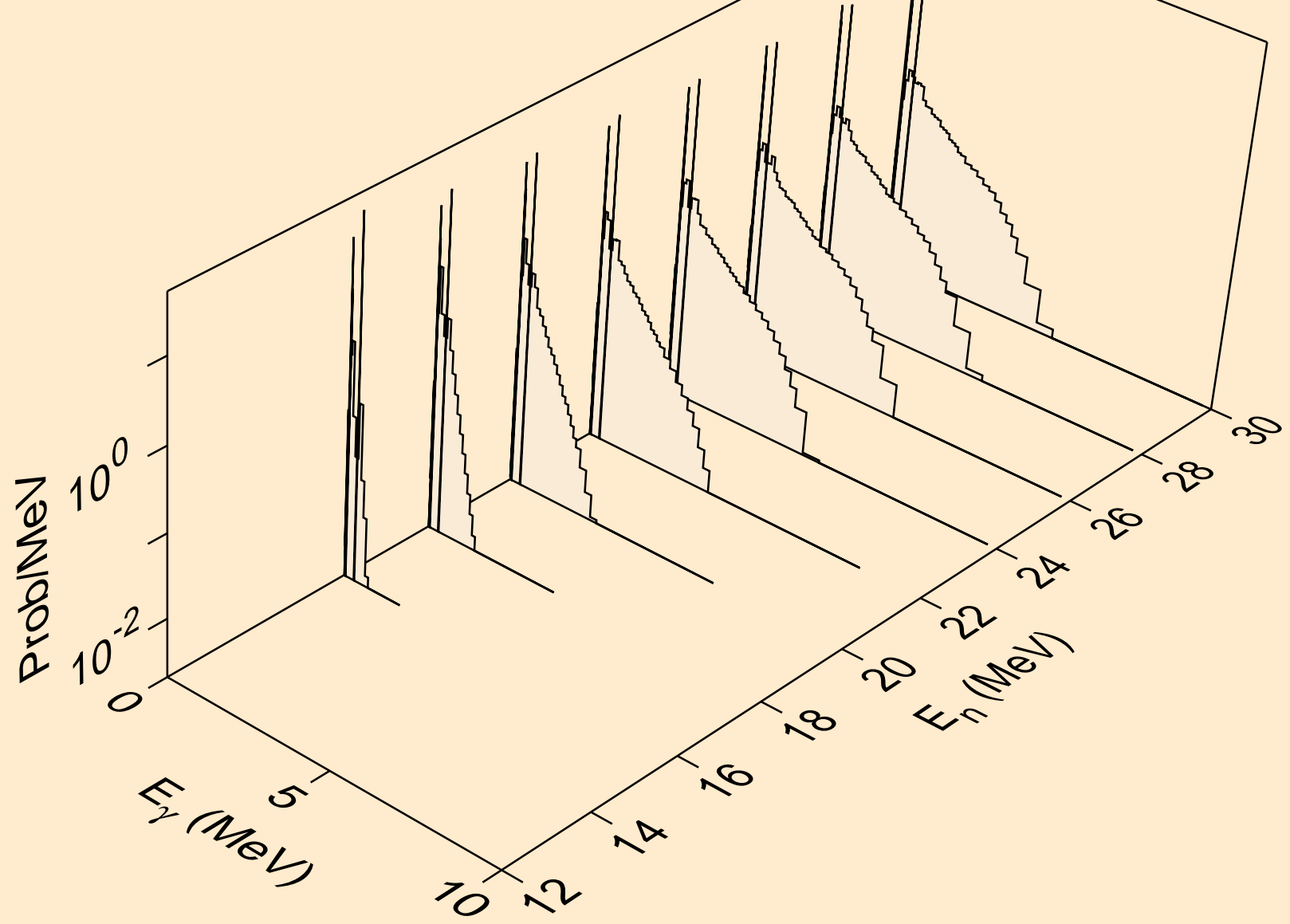


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Photon emission for (n,n\*)a



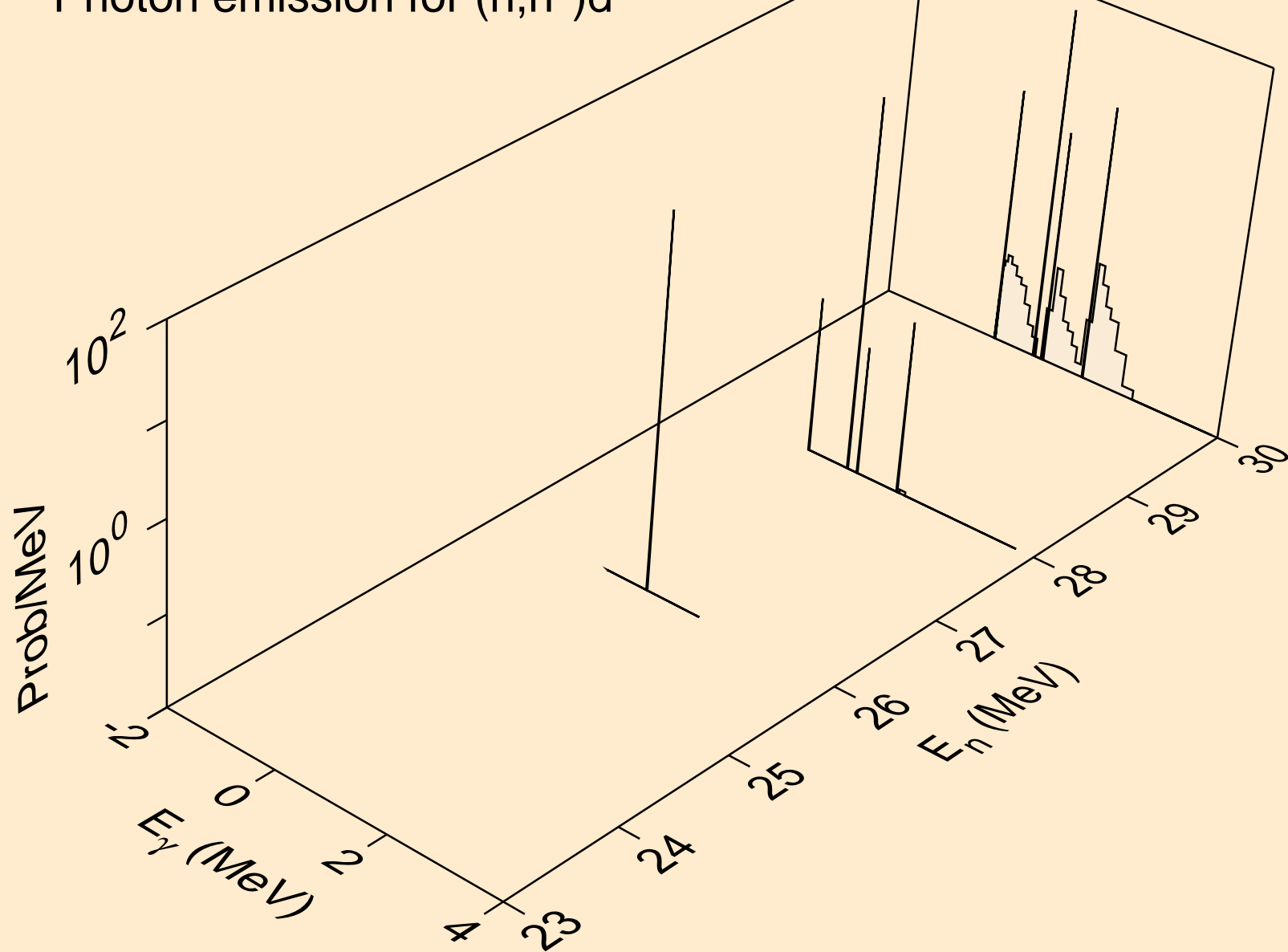
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Photon emission for (n,n\*)p

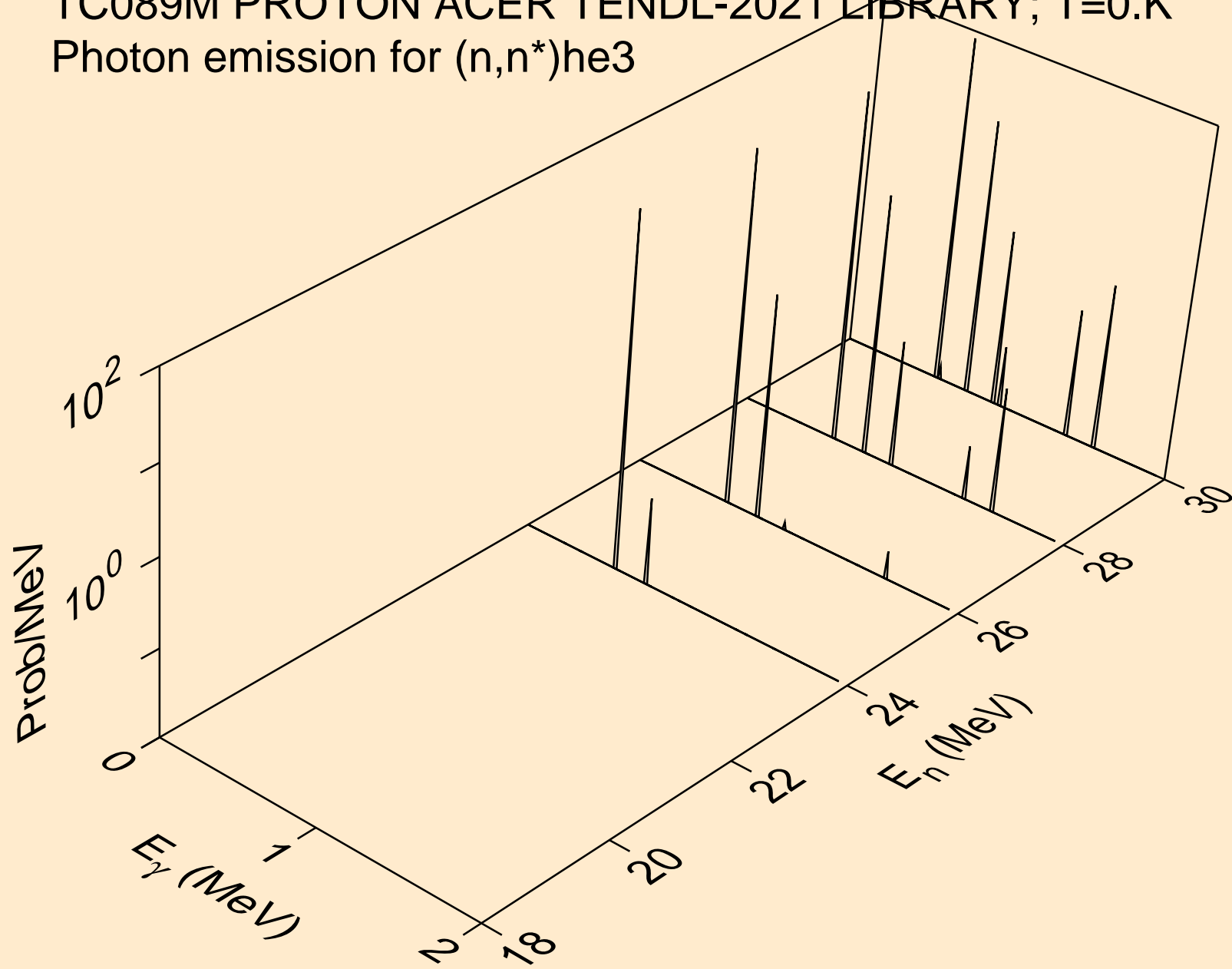




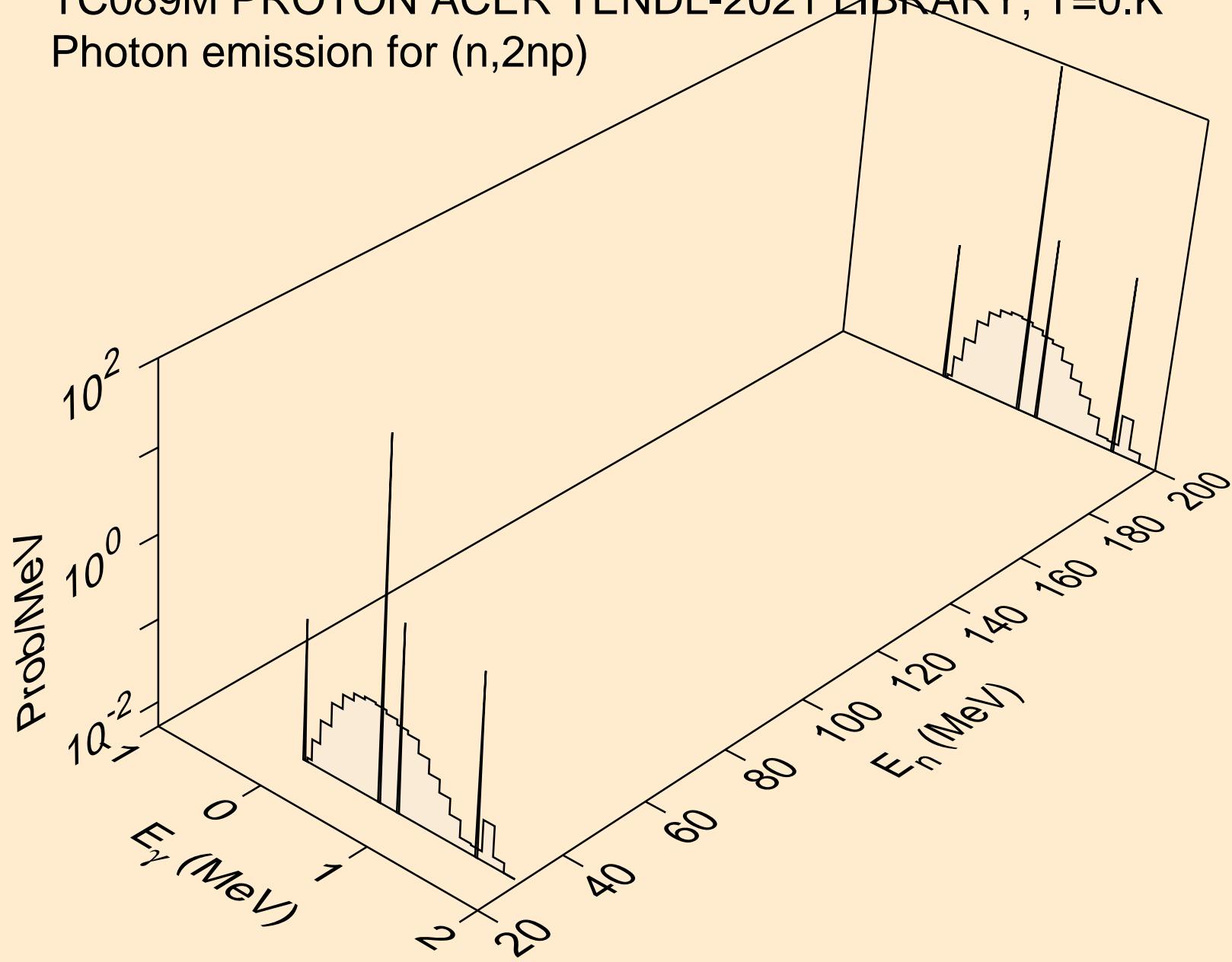
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Photon emission for (n,n\*)d



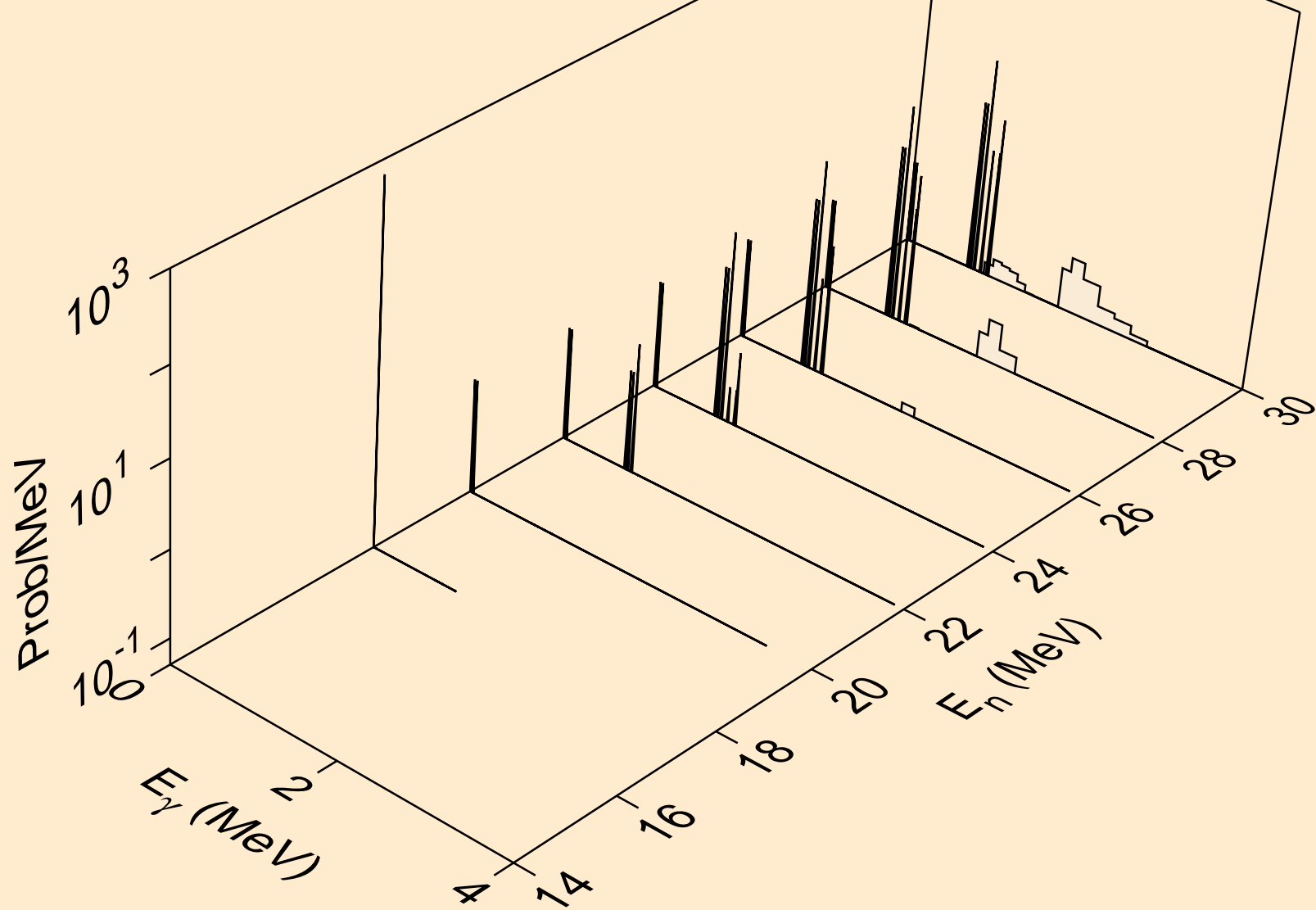
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Photon emission for (n,n\*)he3



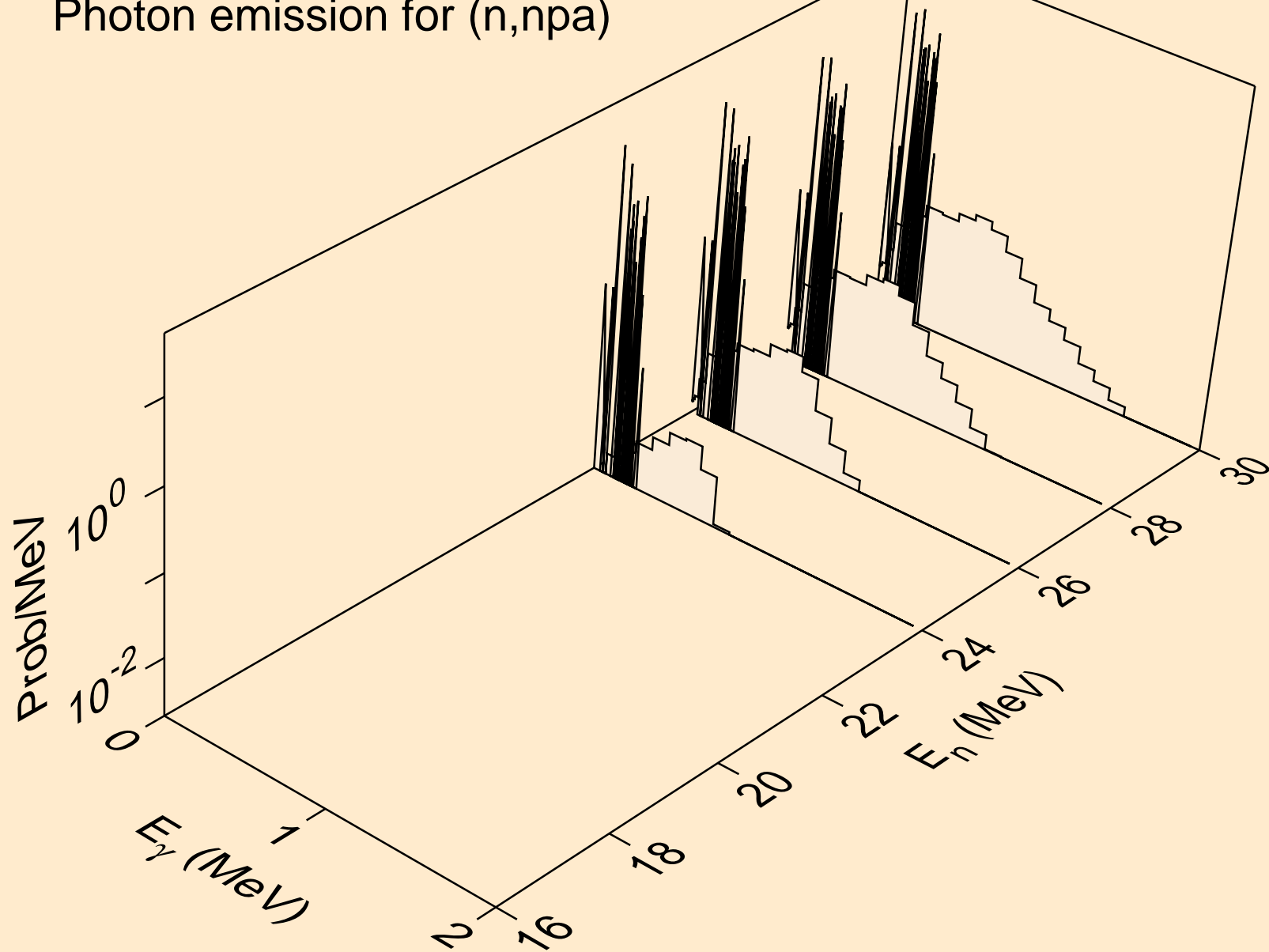
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Photon emission for (n,2np)



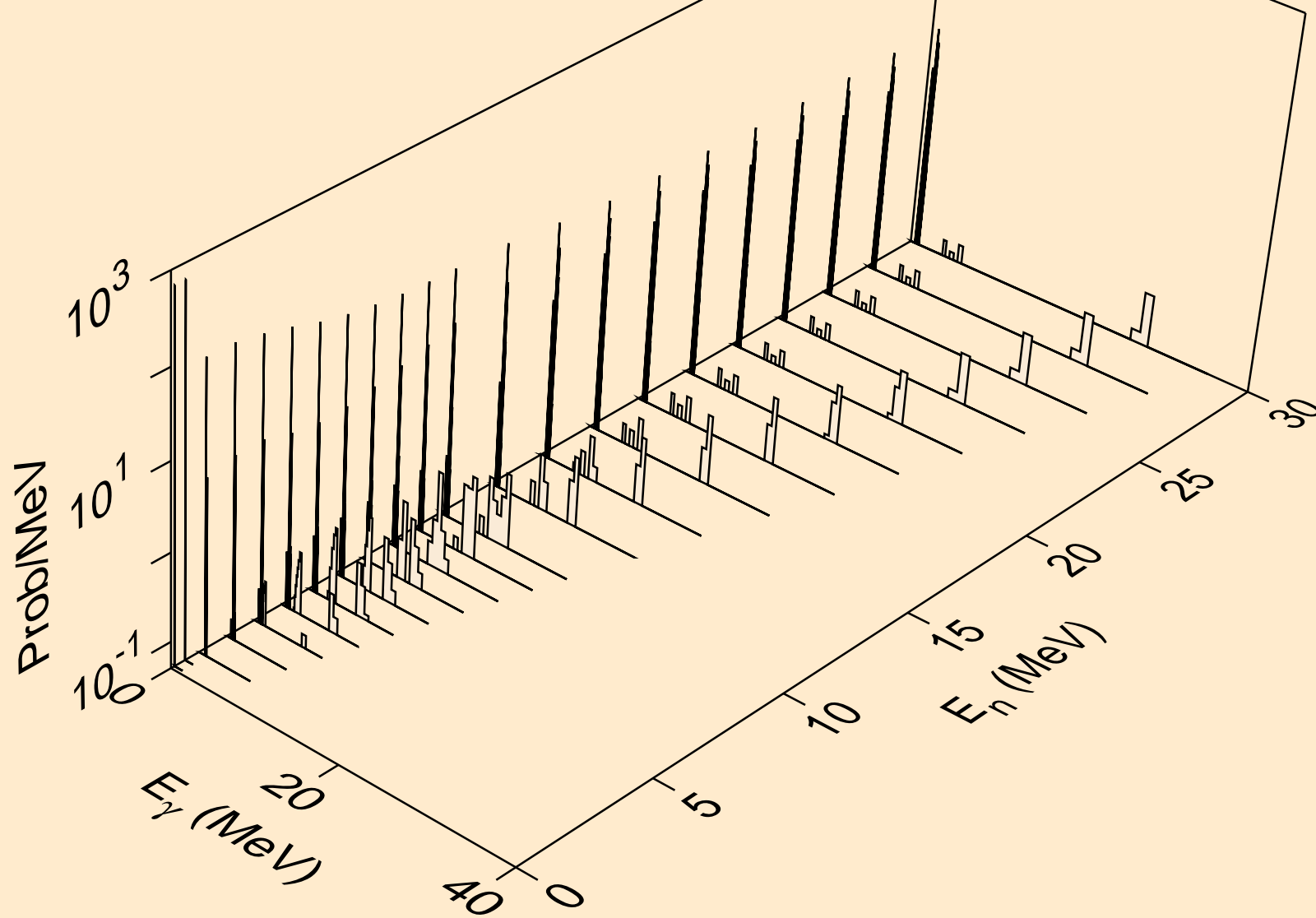
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Photon emission for (n,2np)



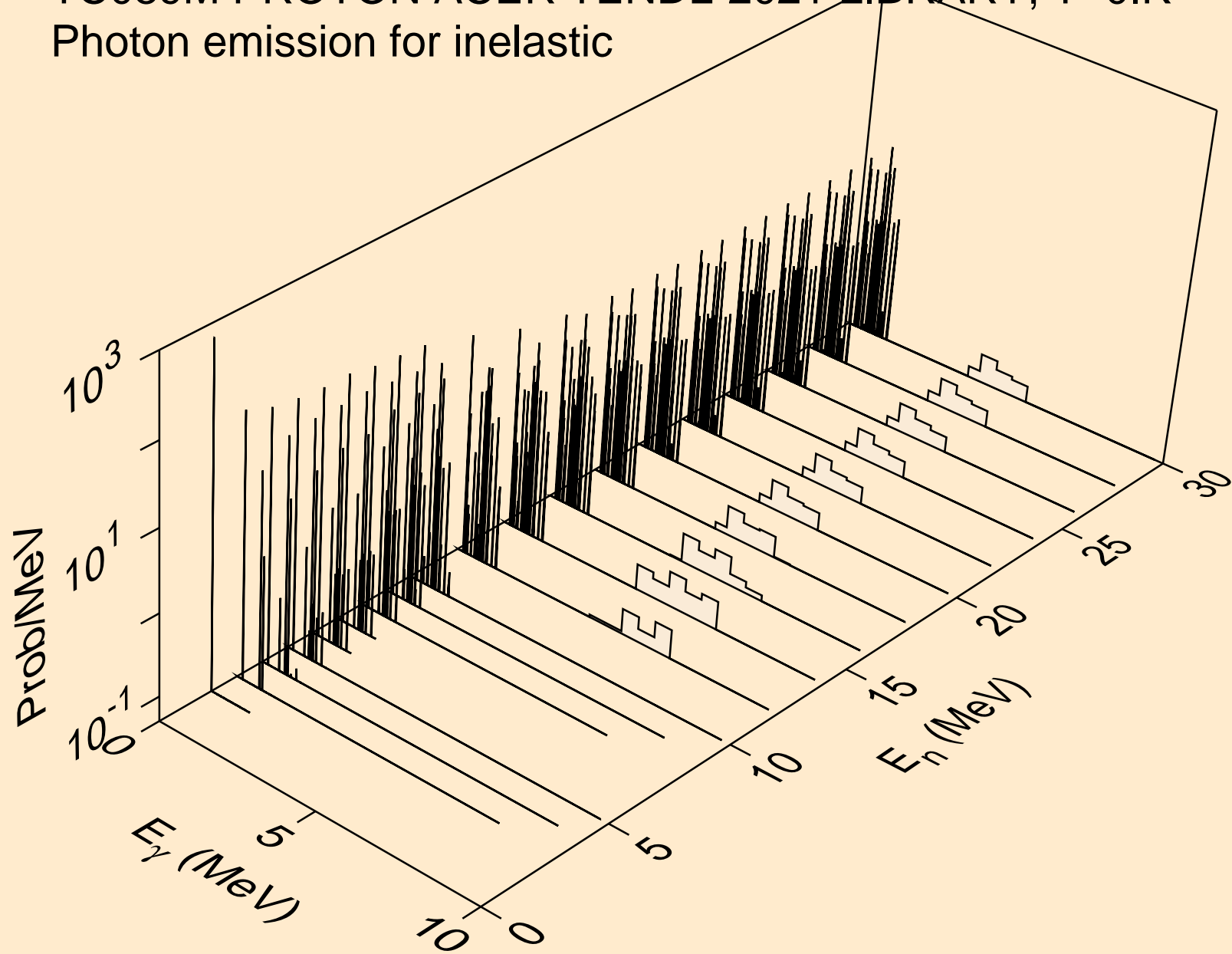
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Photon emission for (n,npa)



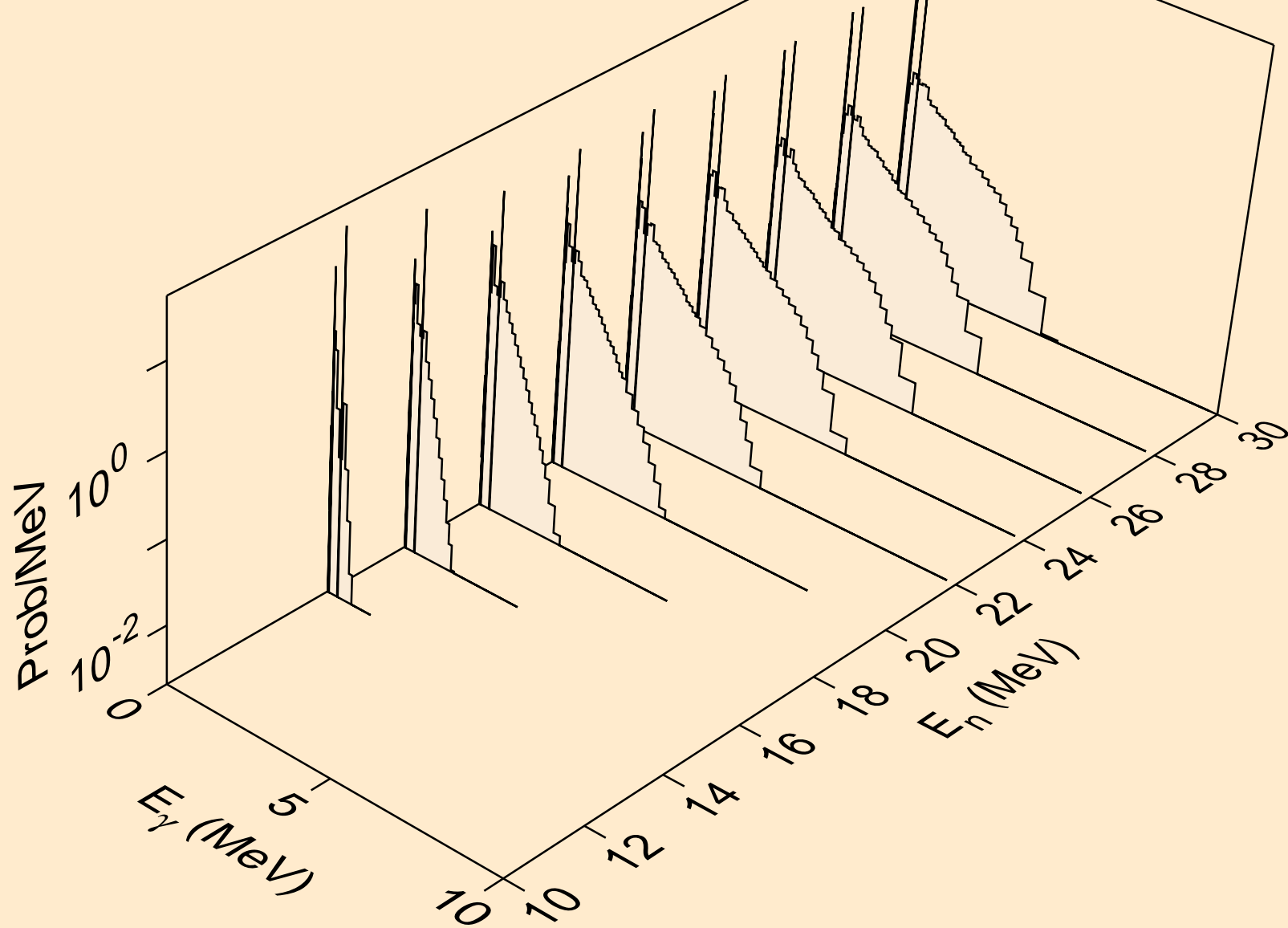
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Photon emission for (n,gma)



TC089M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic

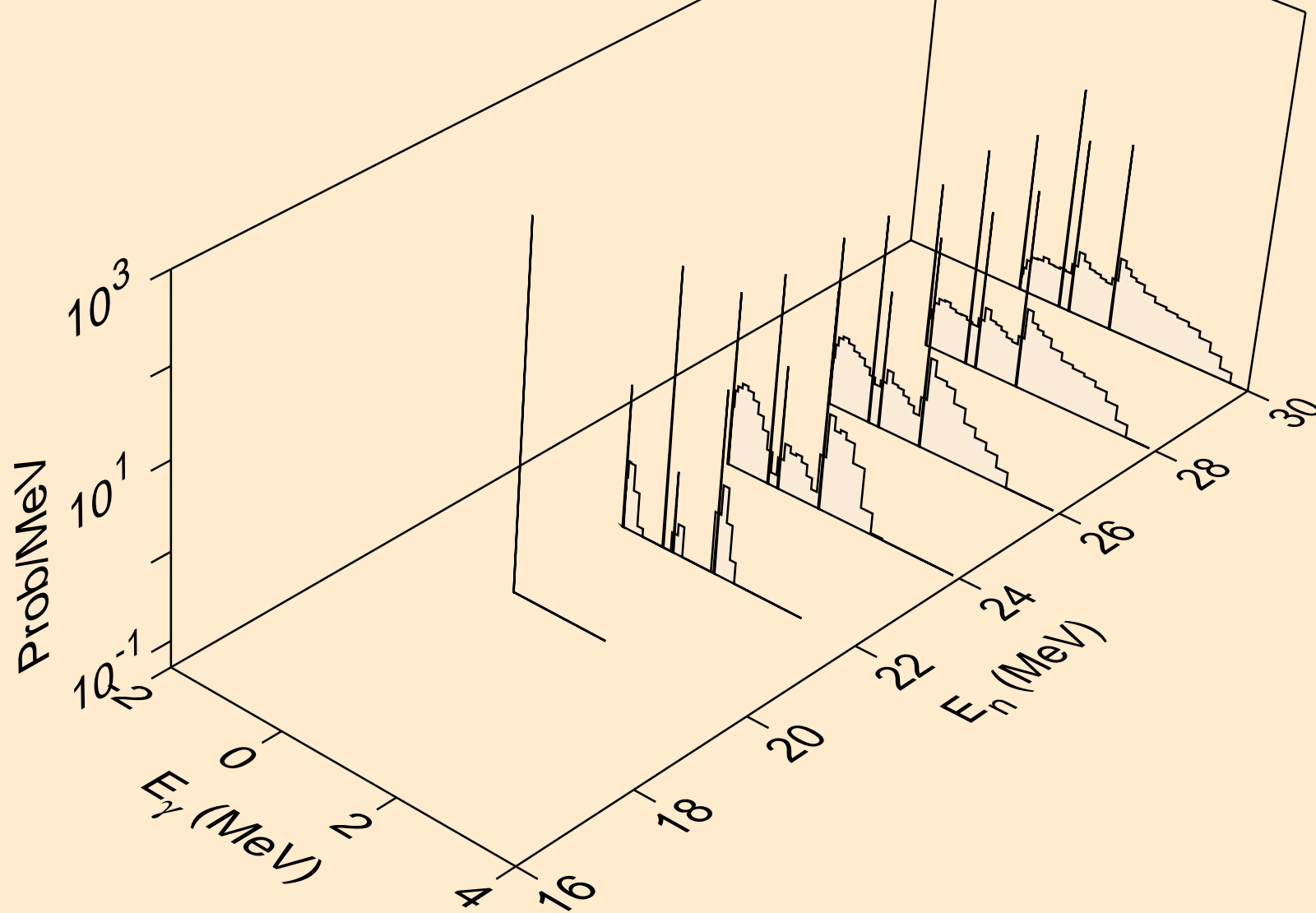


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Photon emission for (n,d)

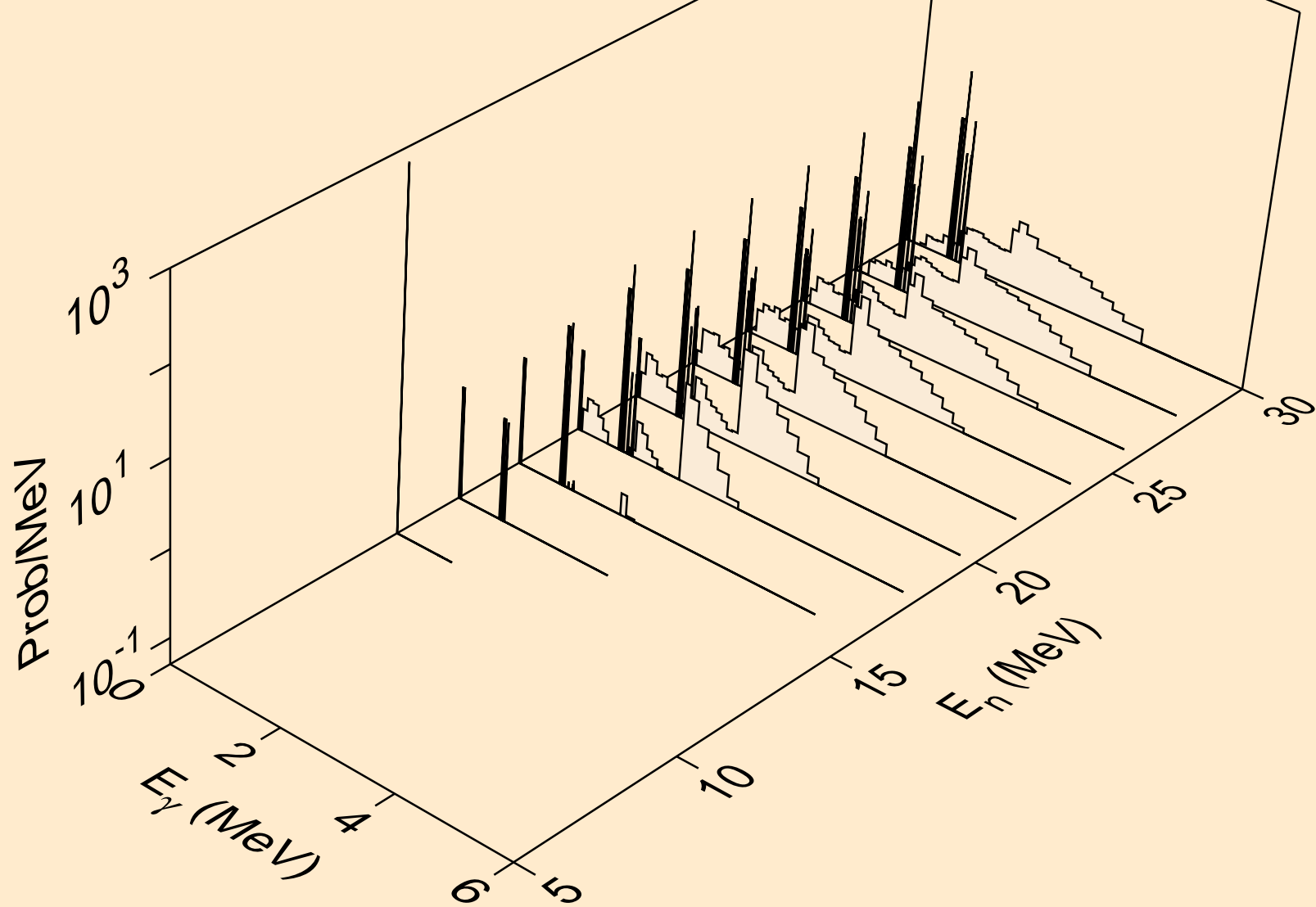




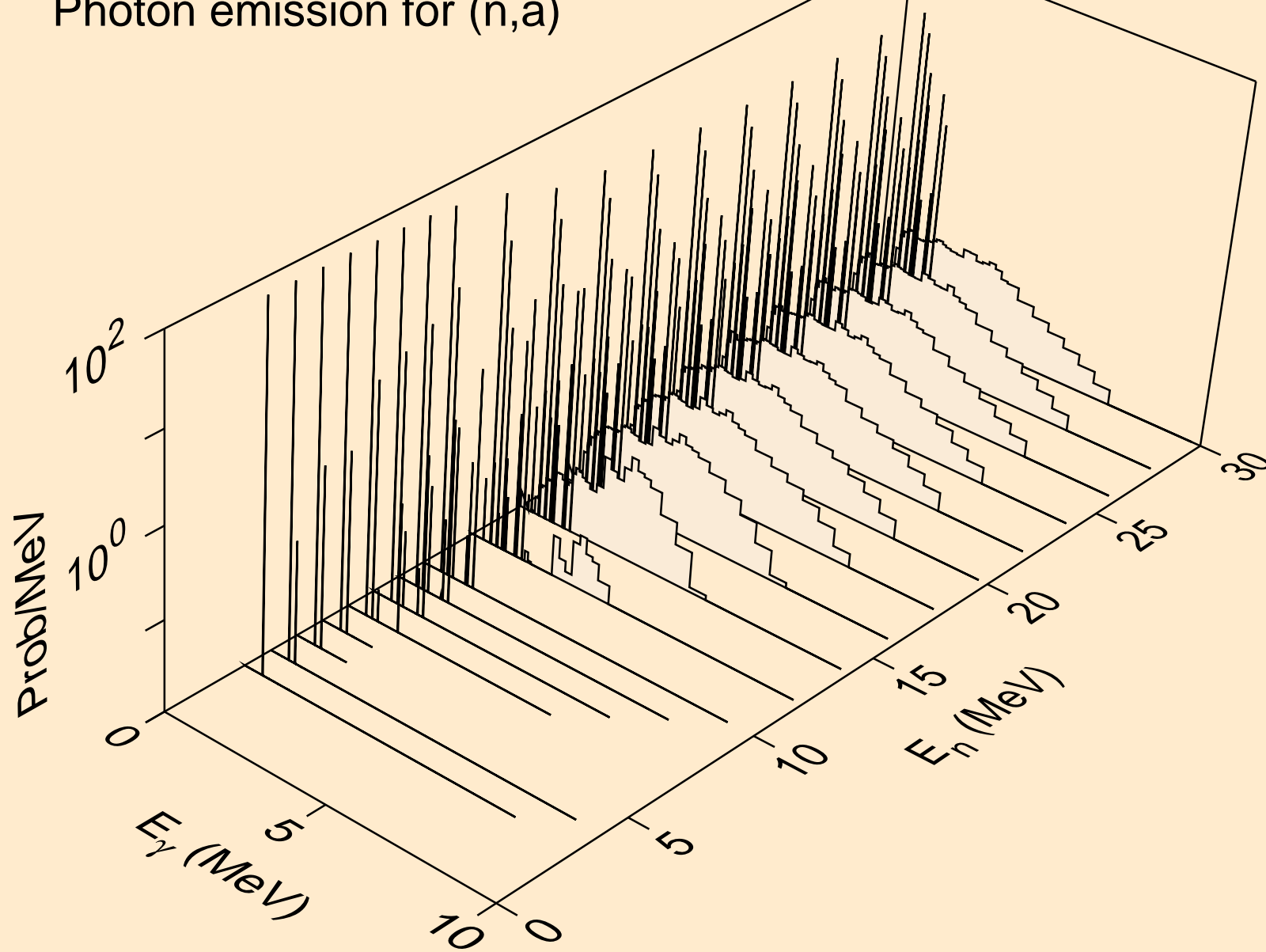
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Photon emission for (n,t)



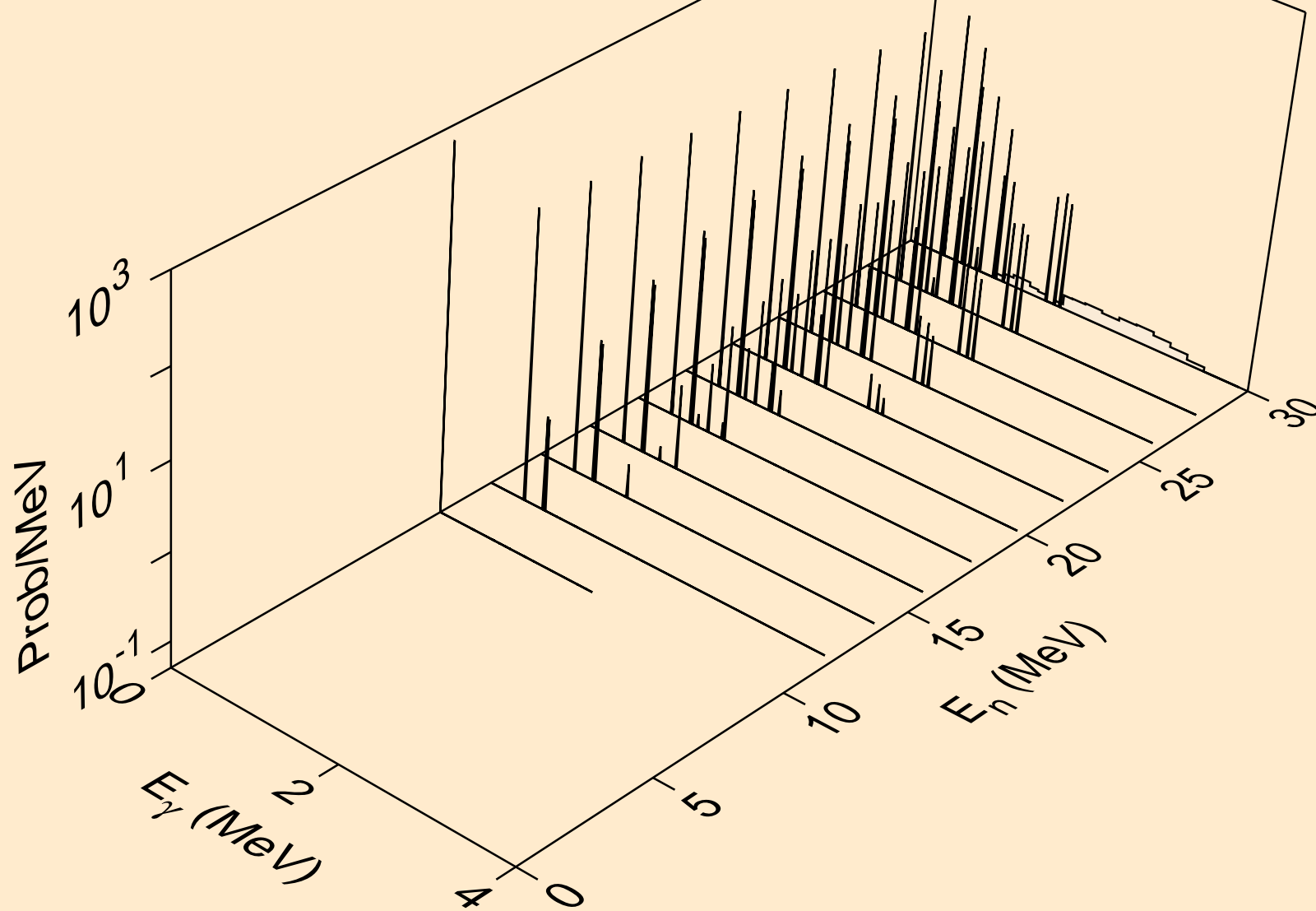
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Photon emission for (n,he3)



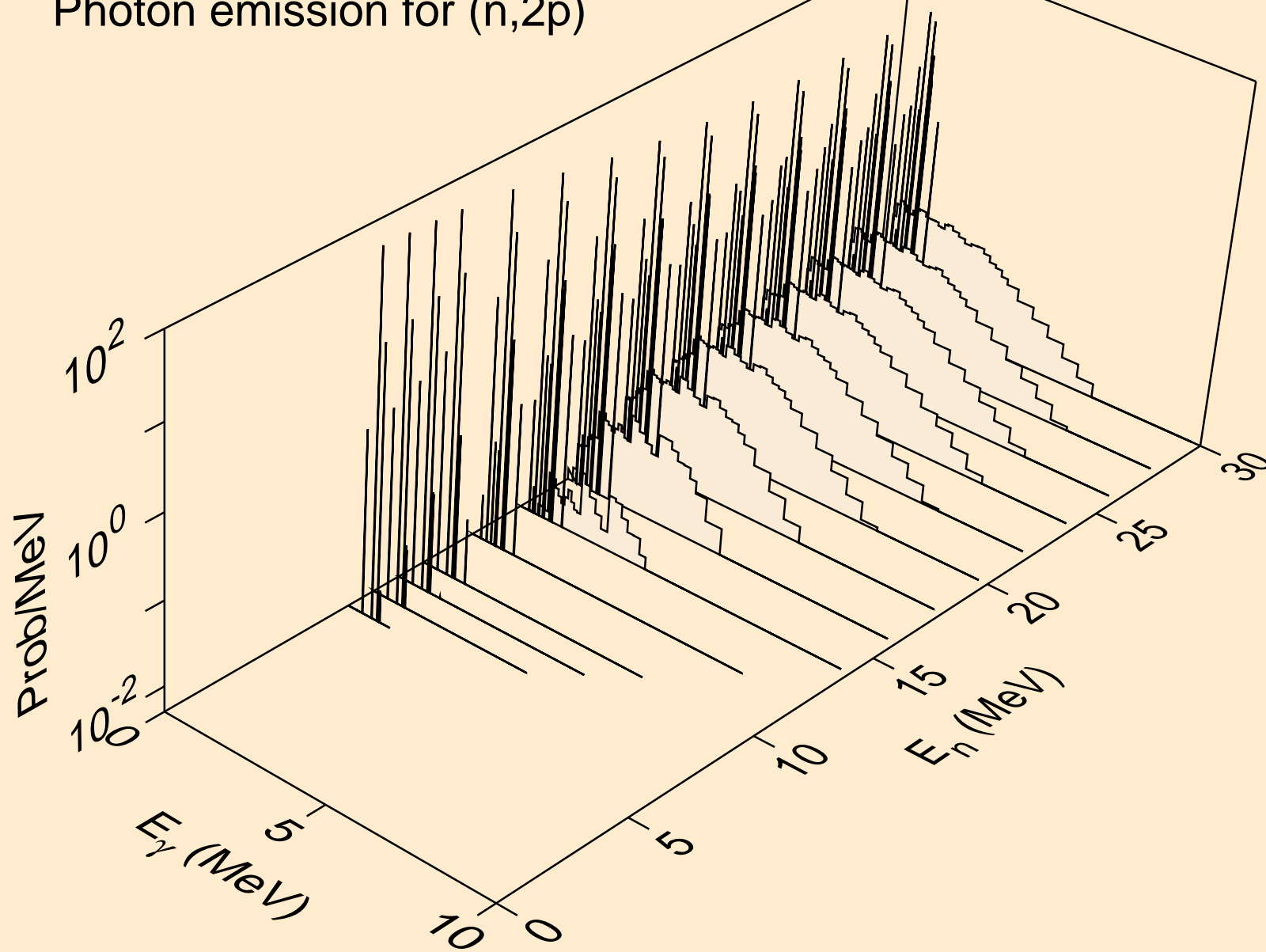
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Photon emission for (n,a)



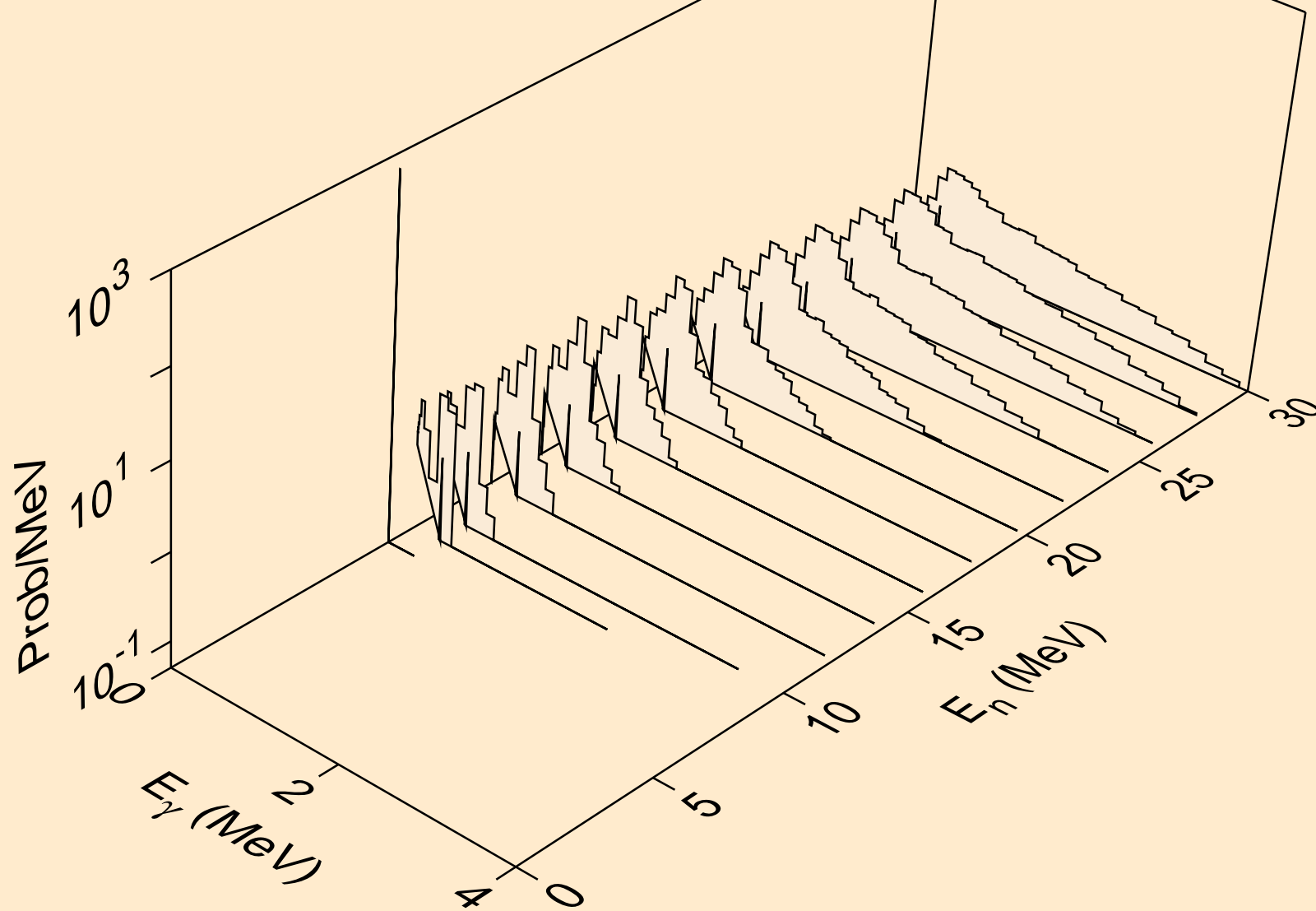
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Photon emission for (n,2a)



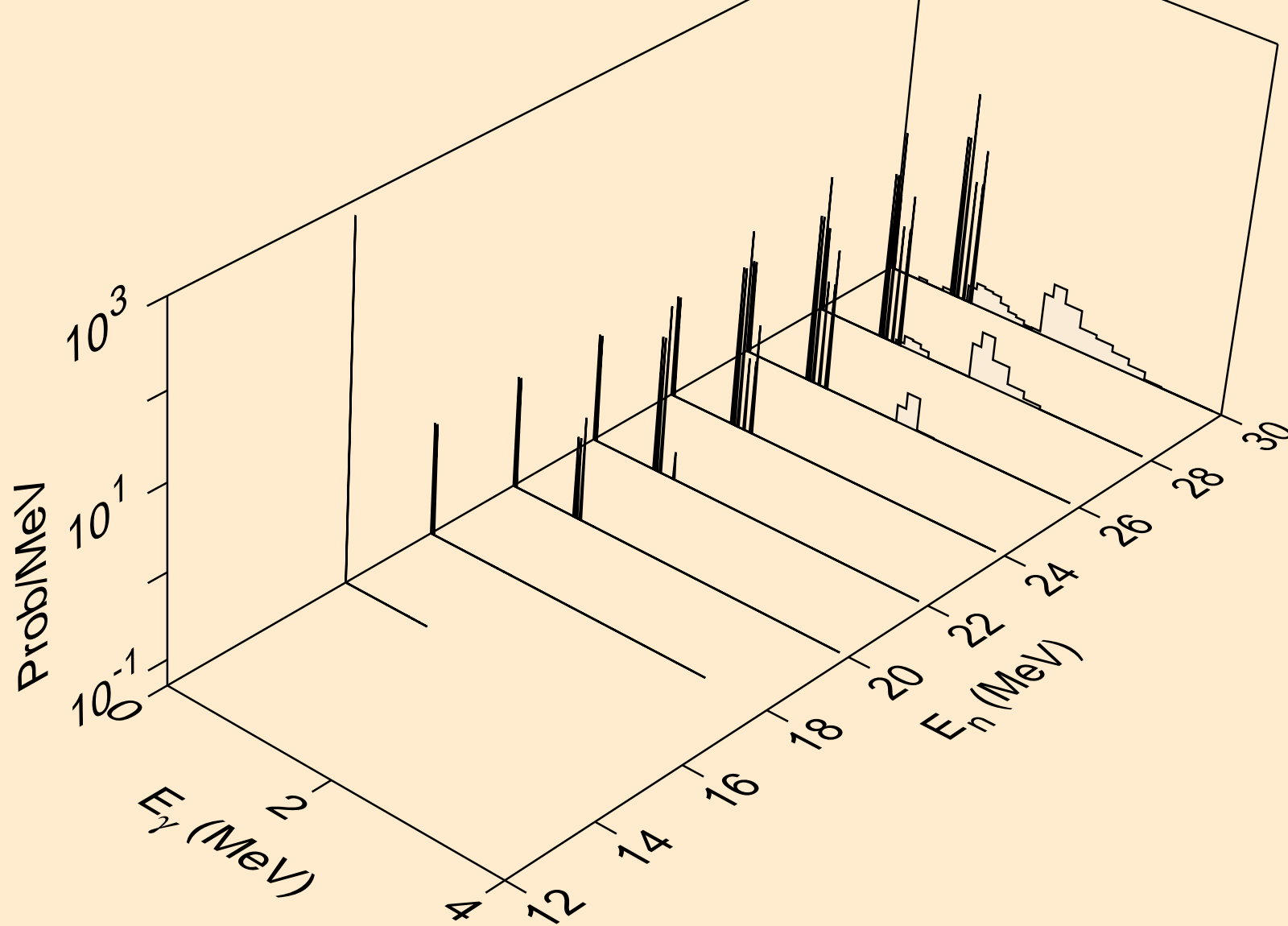
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Photon emission for (n,2p)



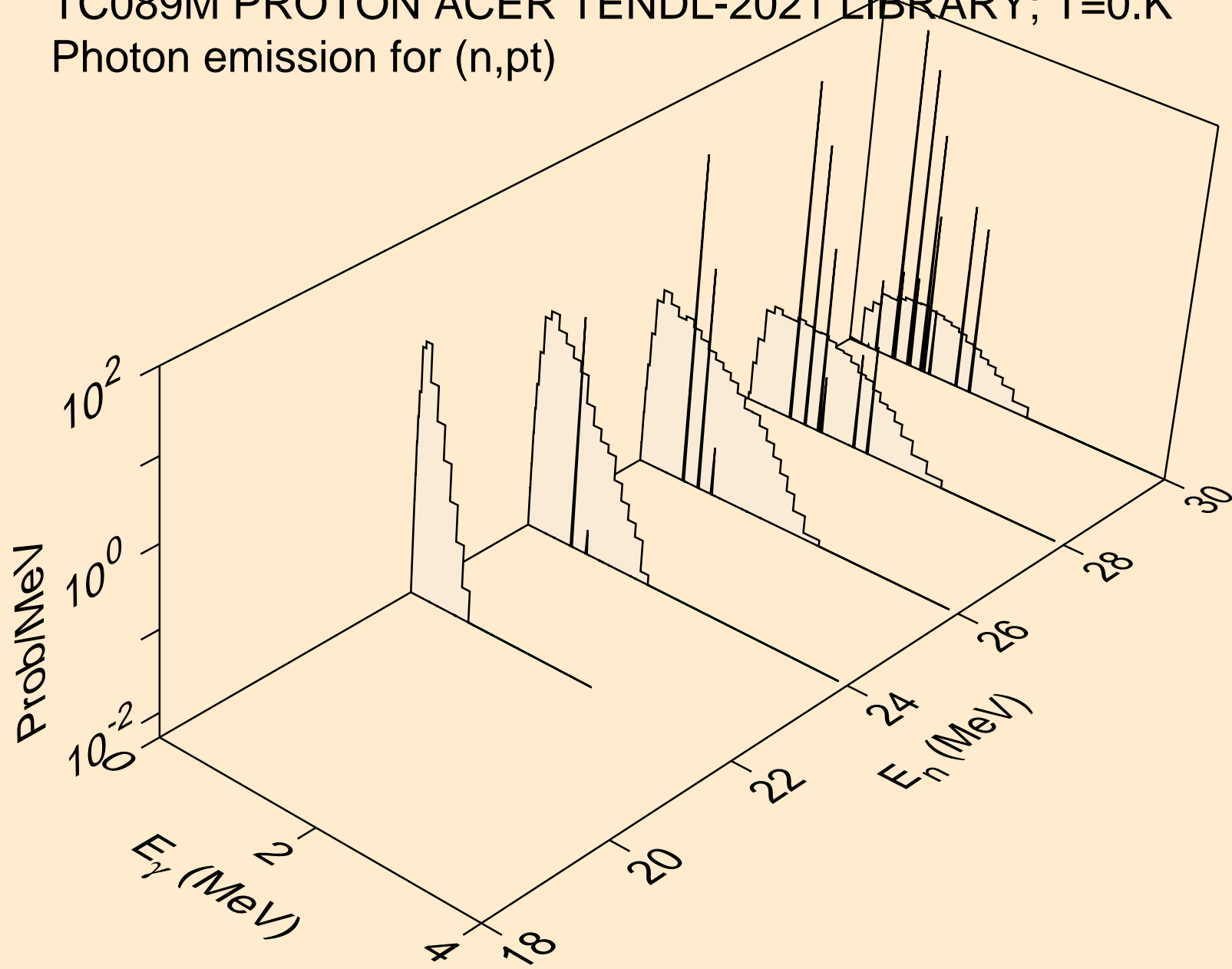
TC089M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pa)



TC089M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pd)

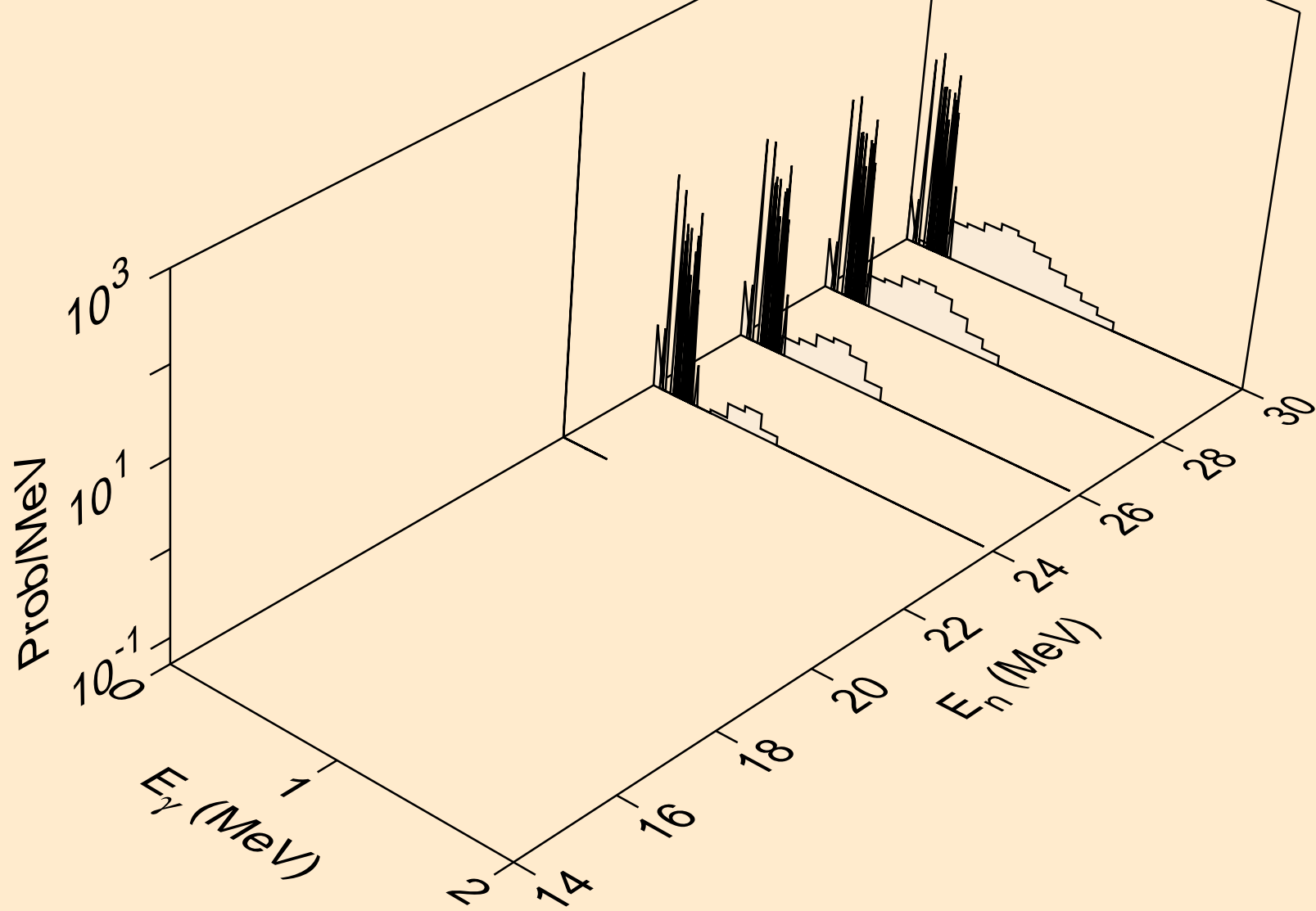


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Photon emission for (n,pt)

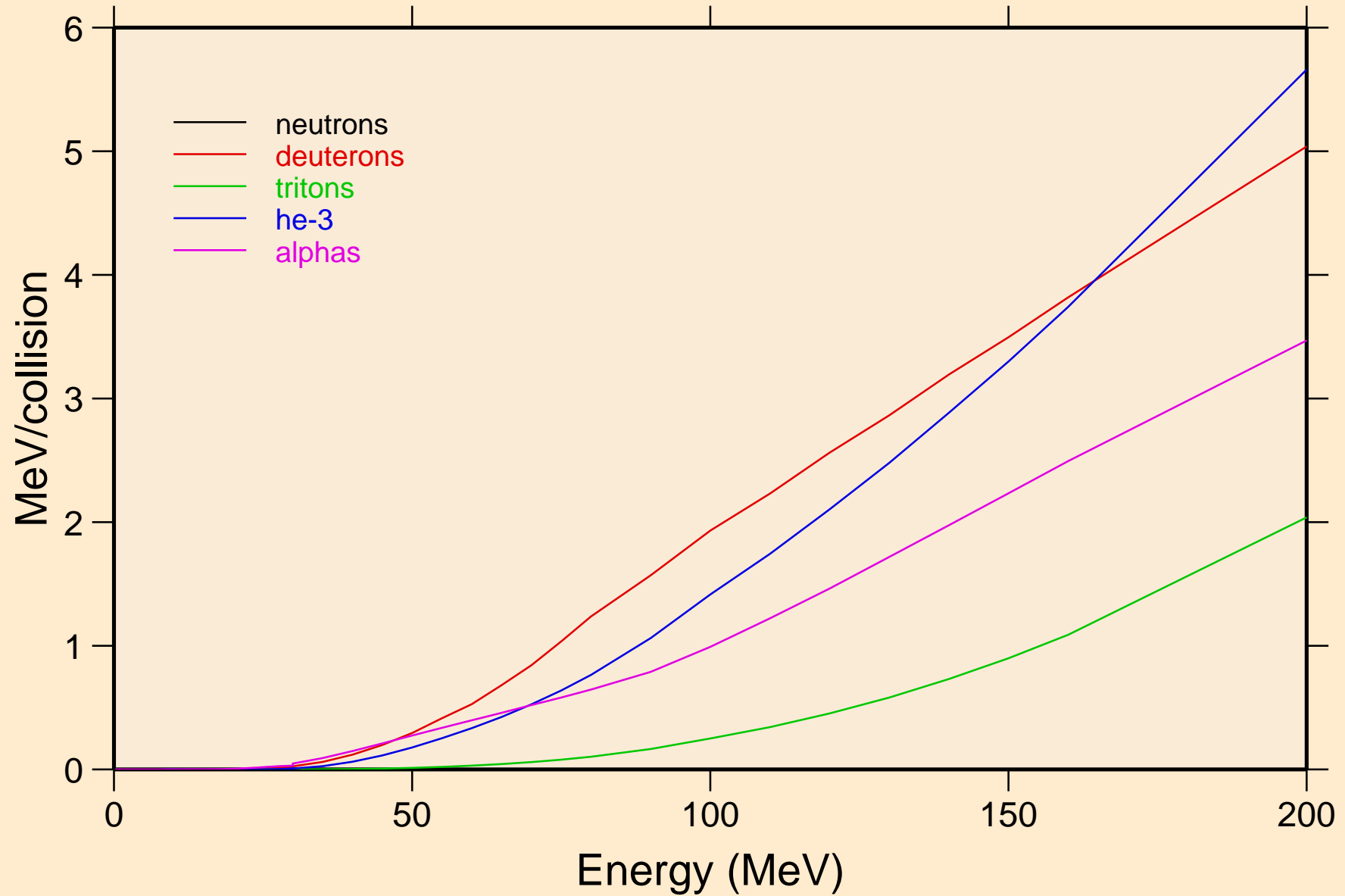




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Photon emission for (n,da)

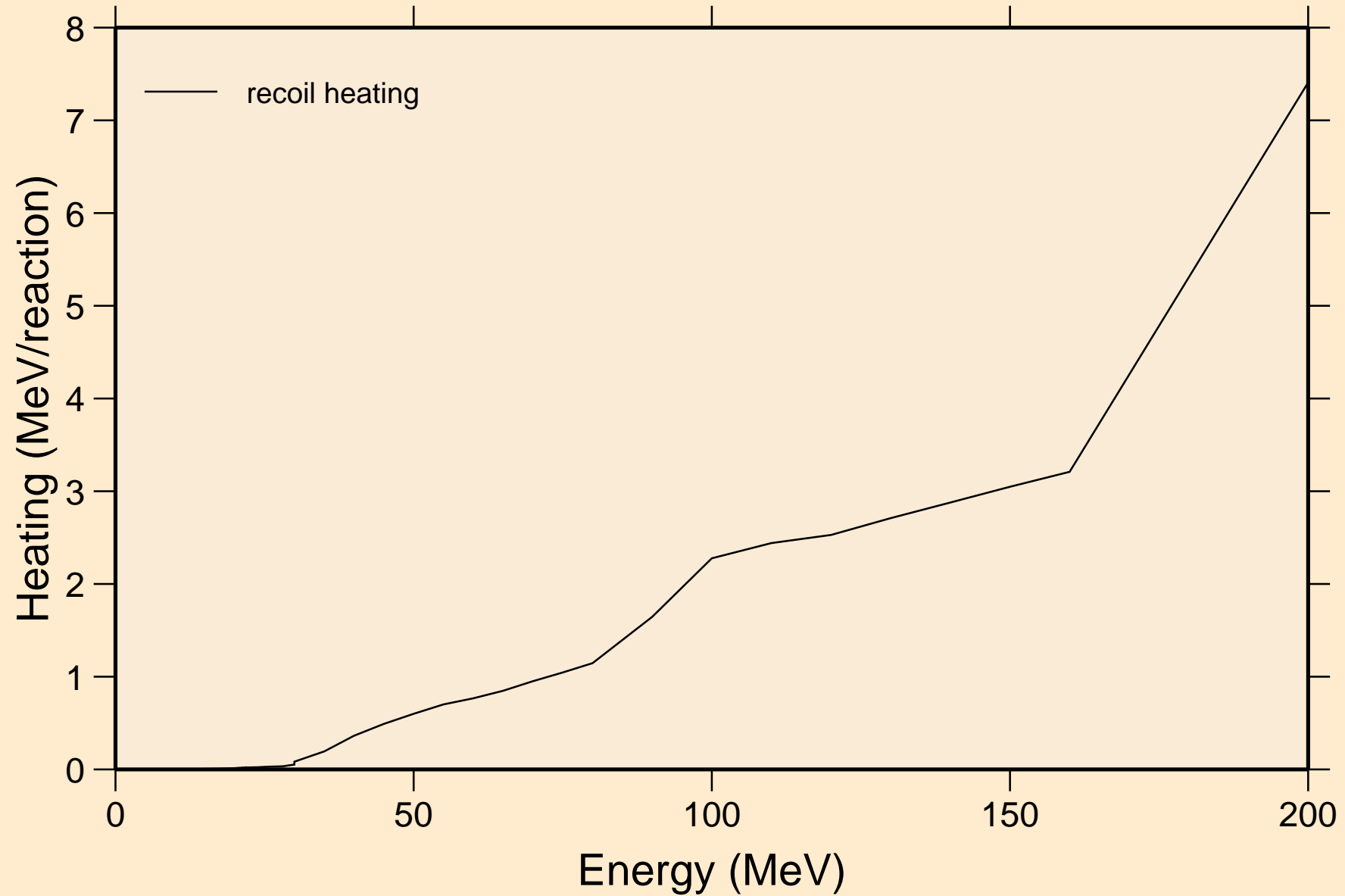


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Particle heating contributions

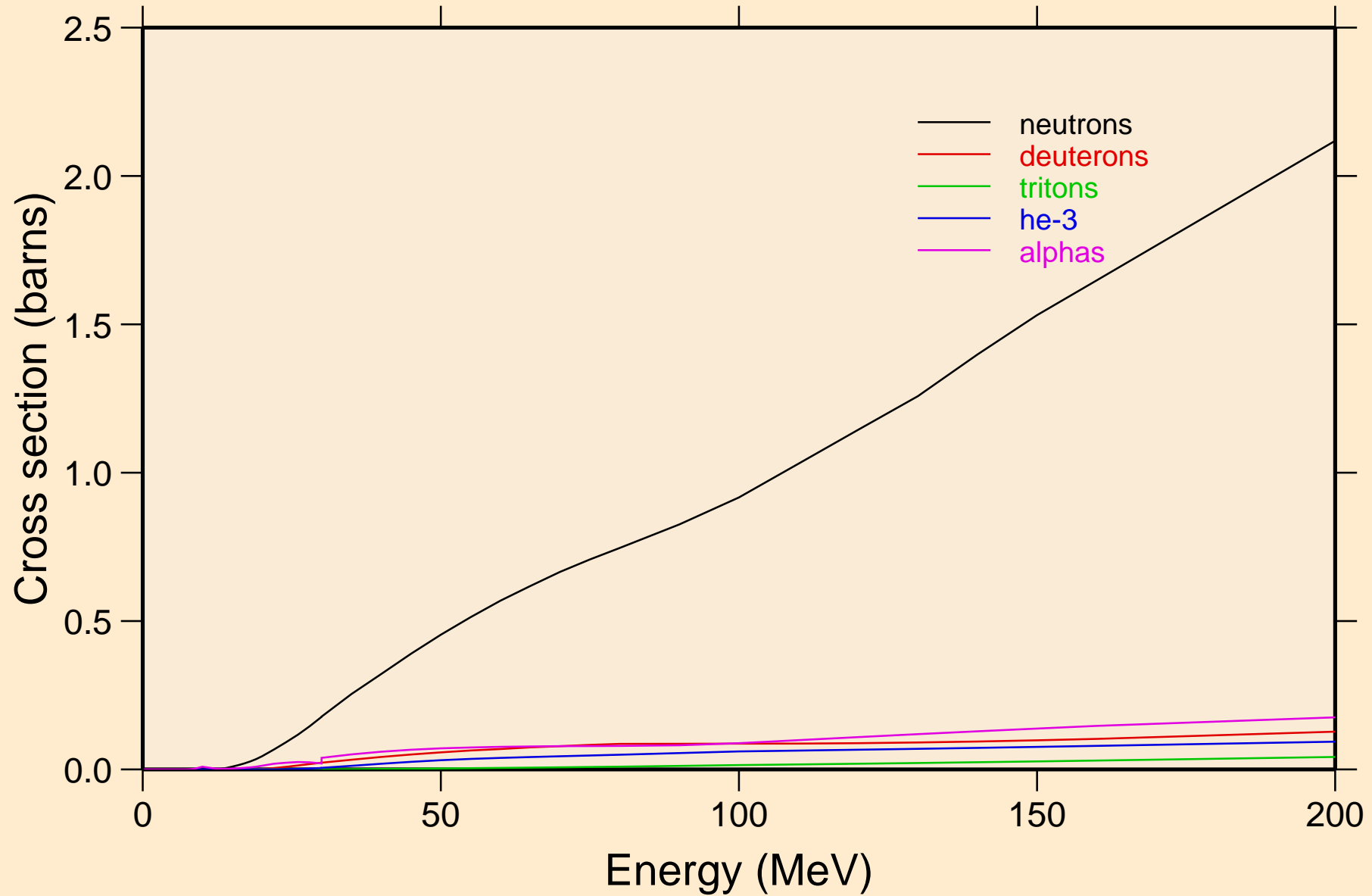


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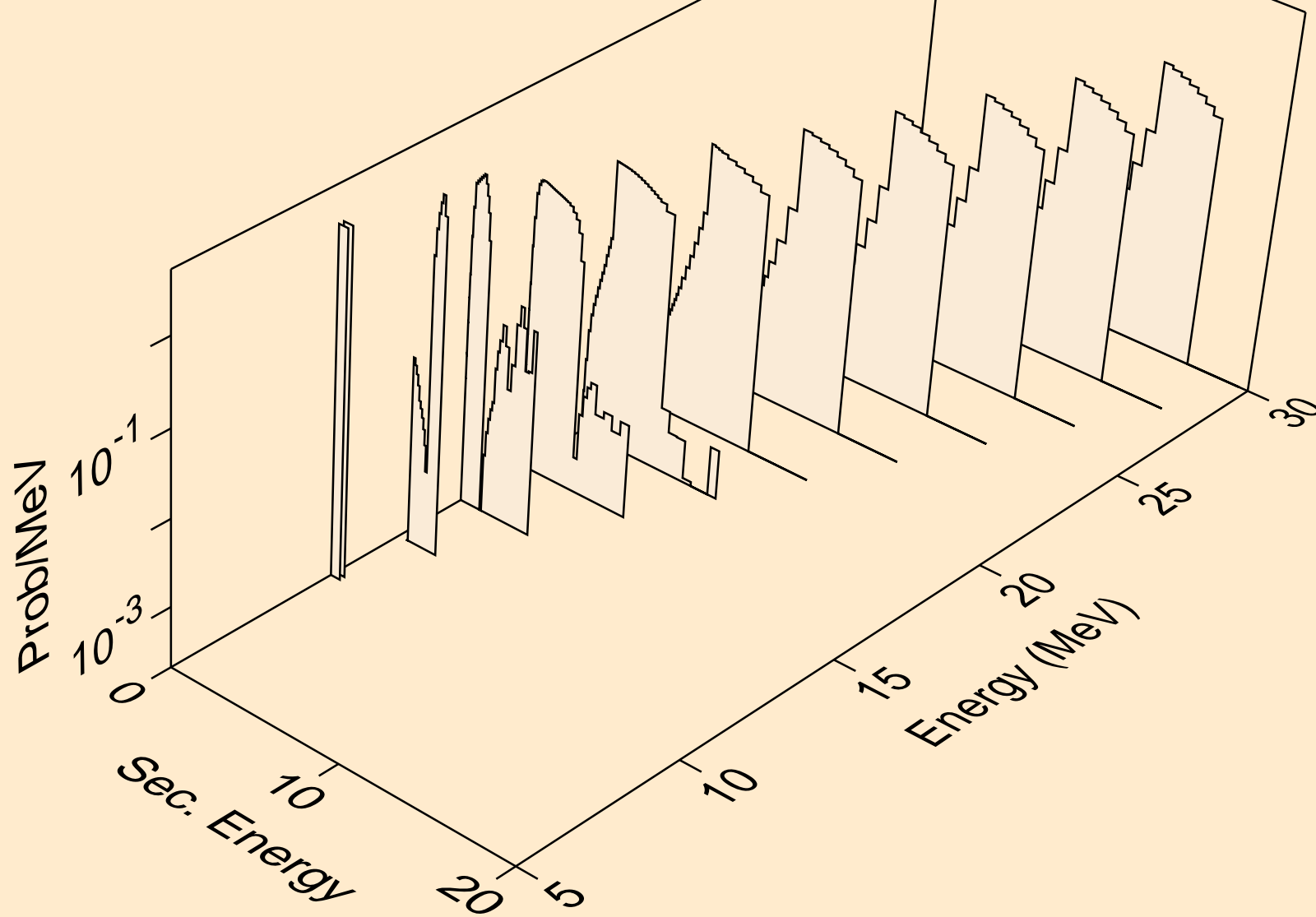
Recoil Heating



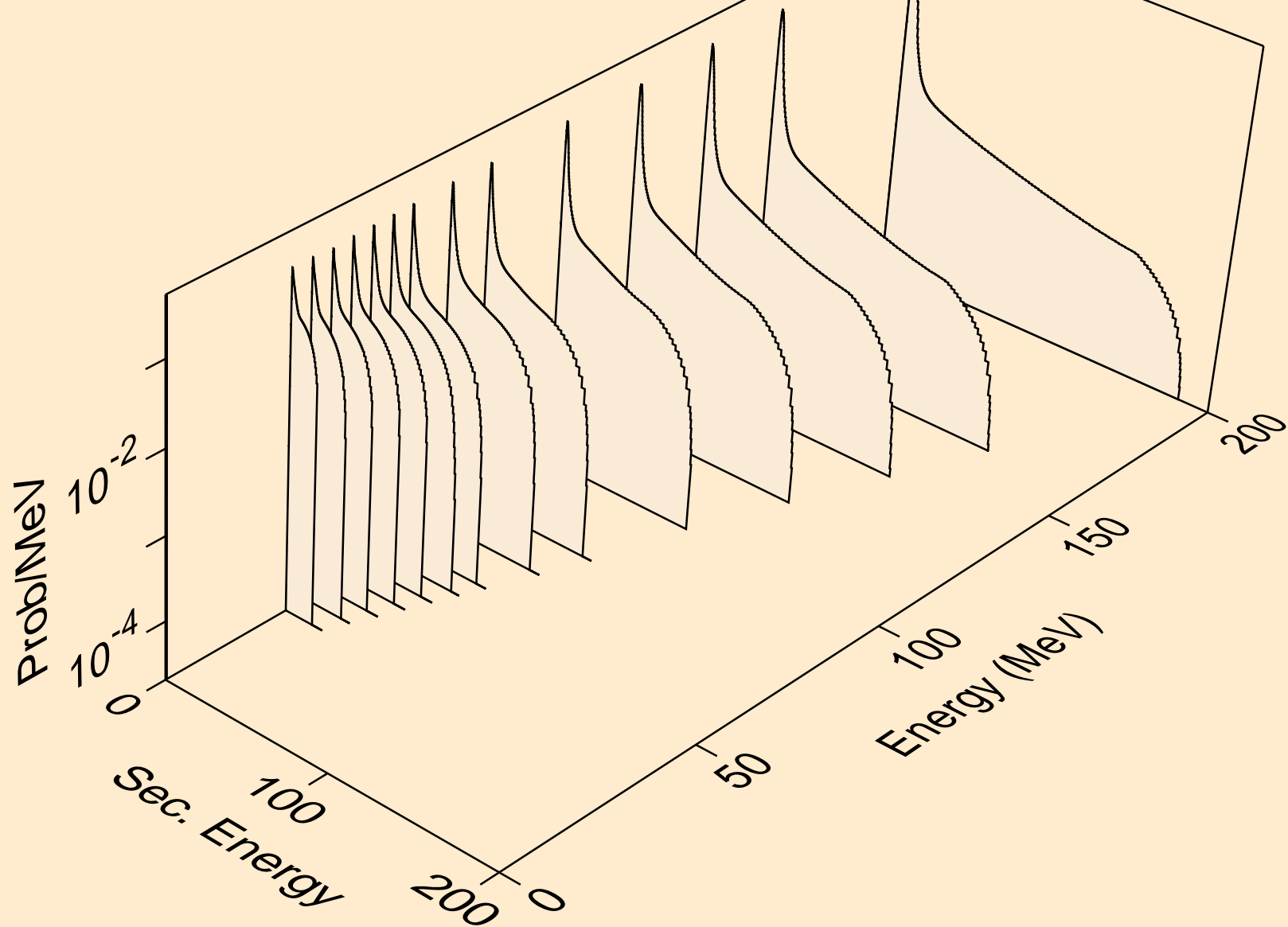
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Particle production cross sections



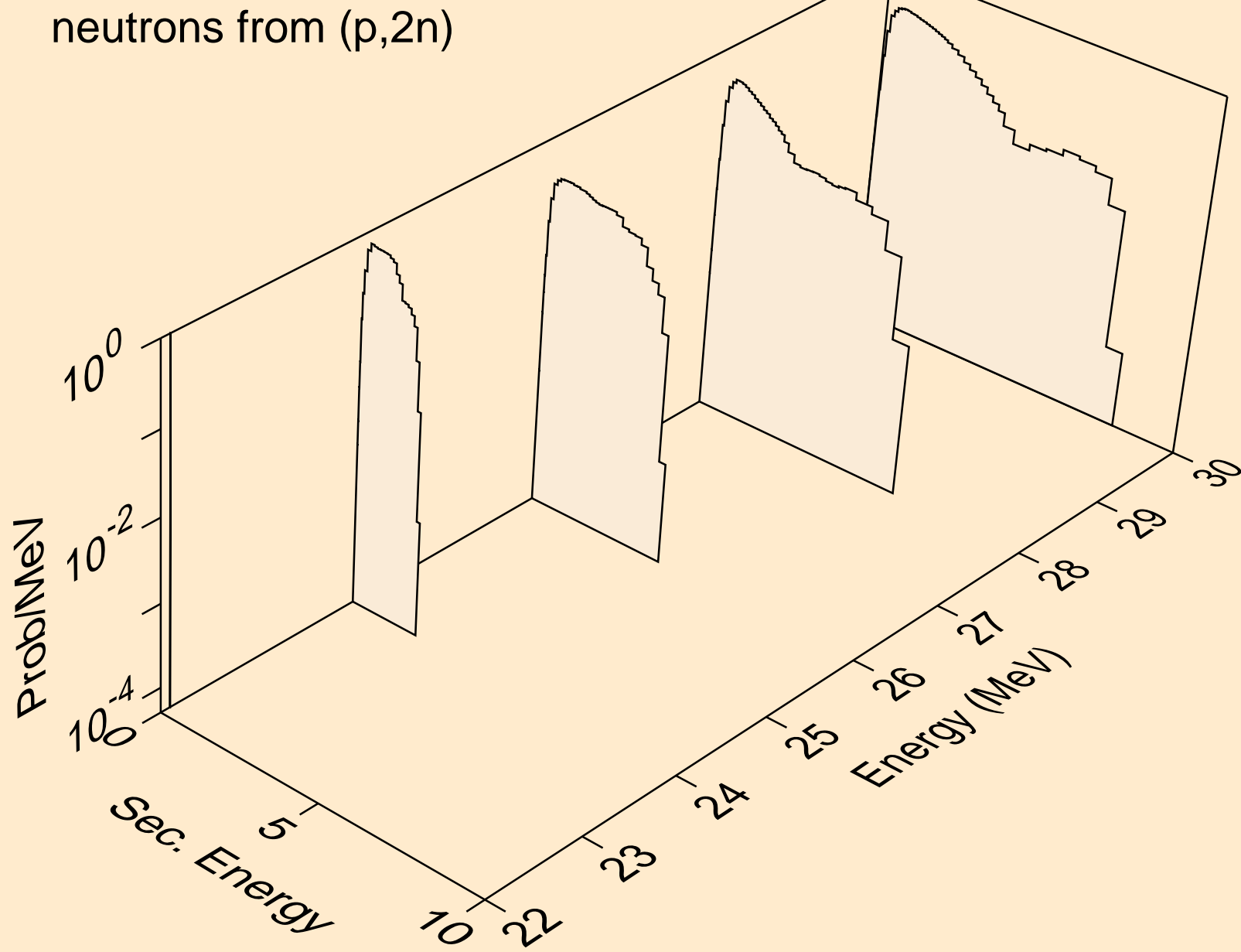
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neutrons from (p,n)



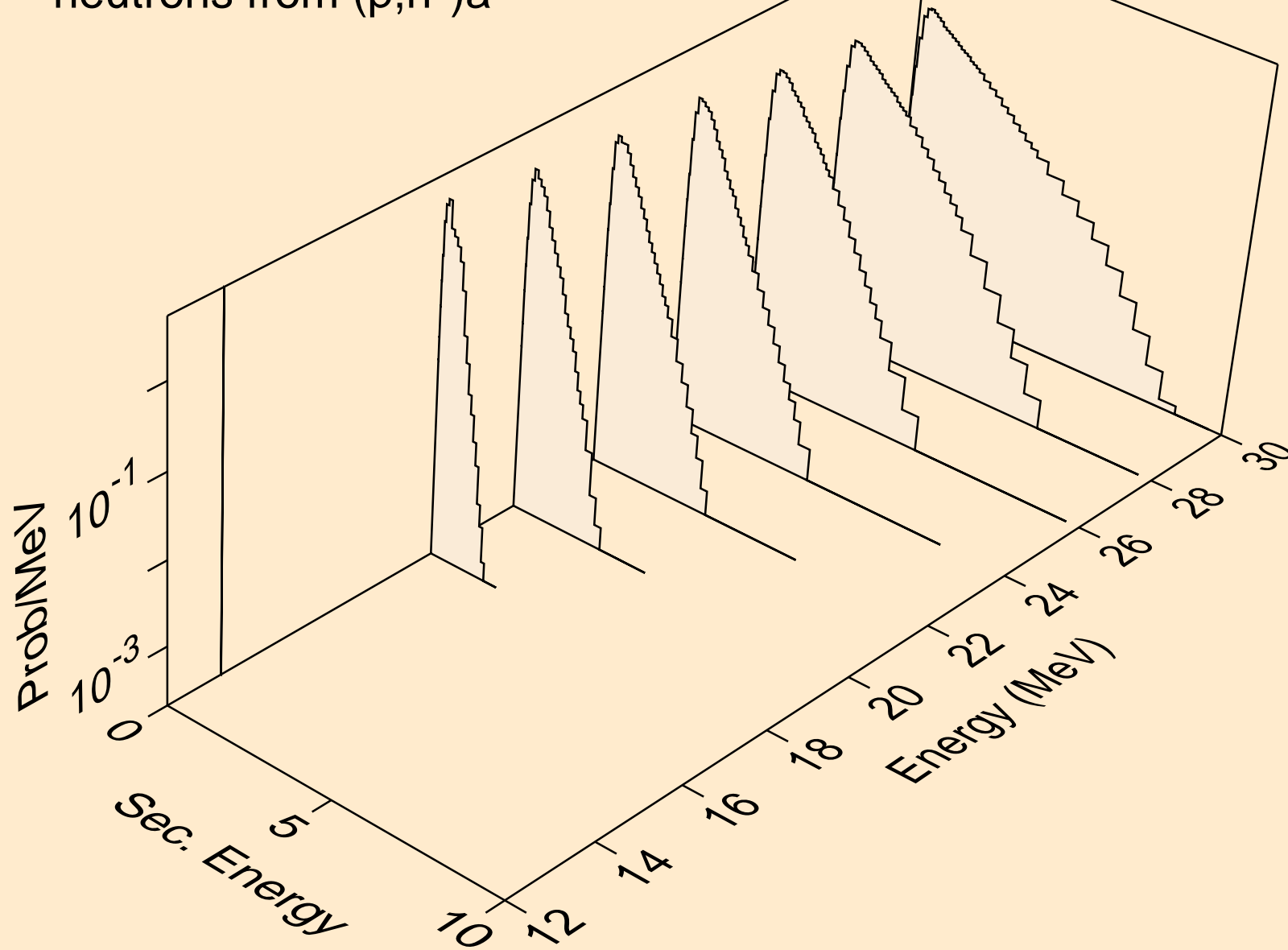
TC089M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,x)



TC089M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
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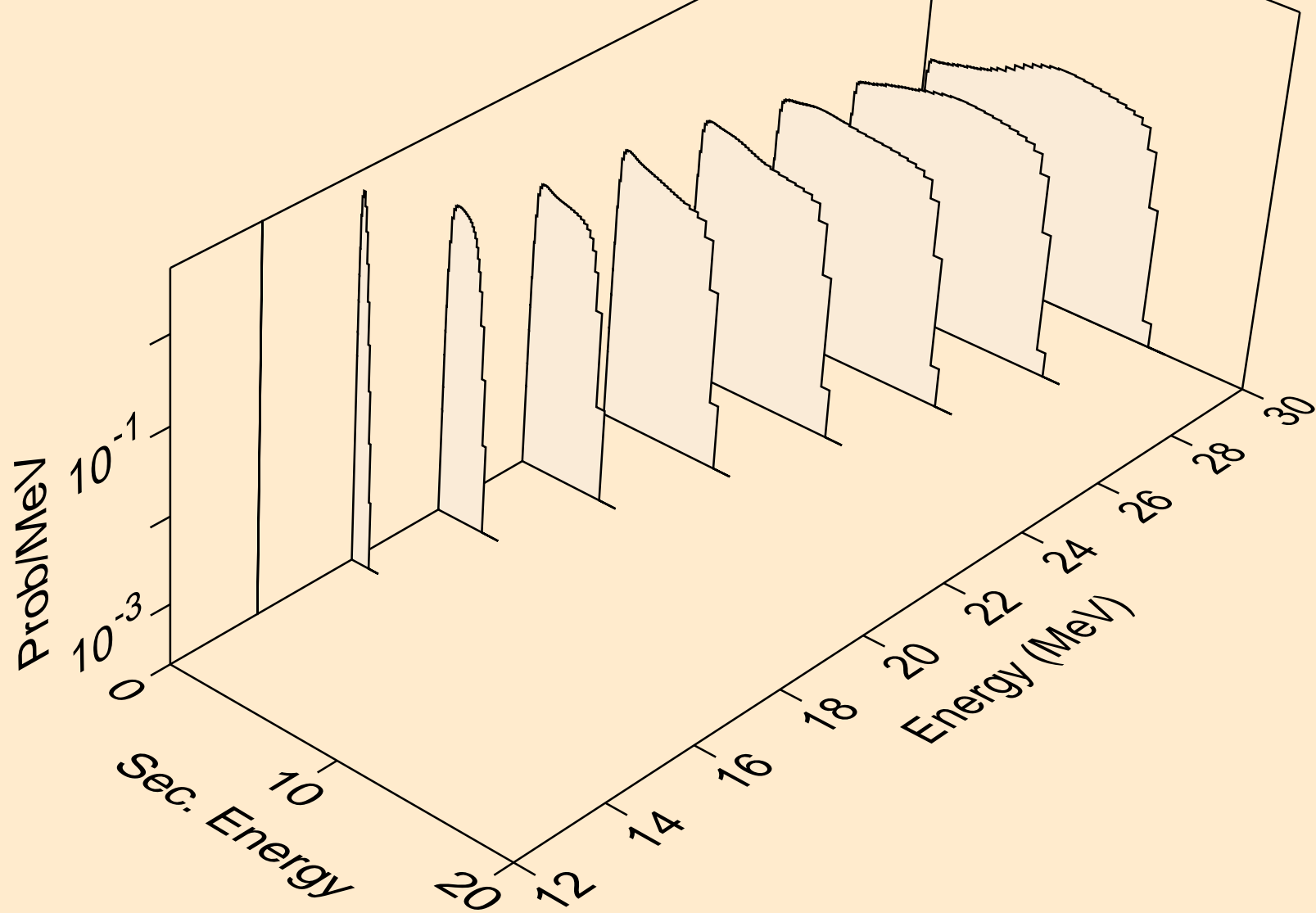


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neutrons from (p,n\*)a

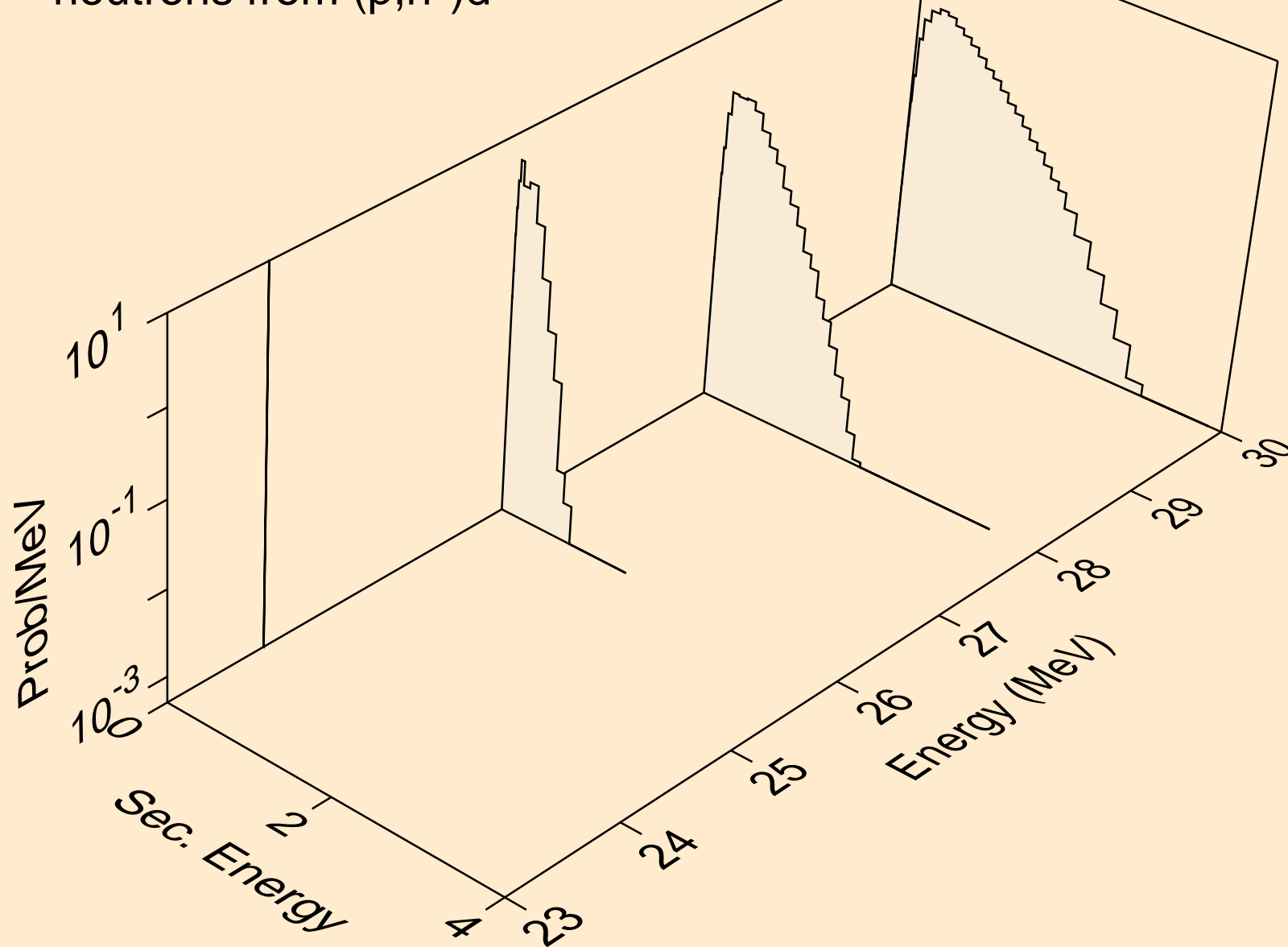




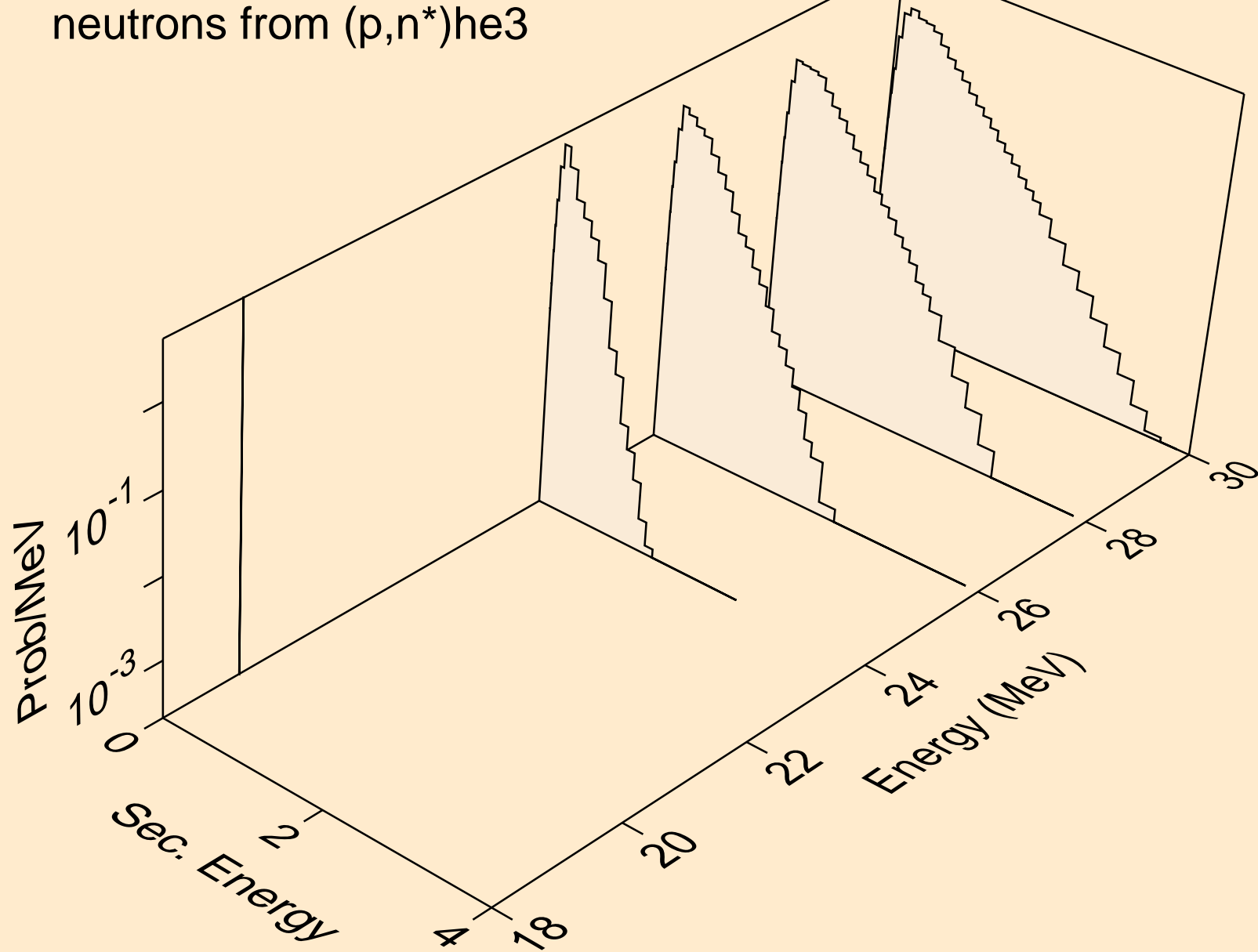
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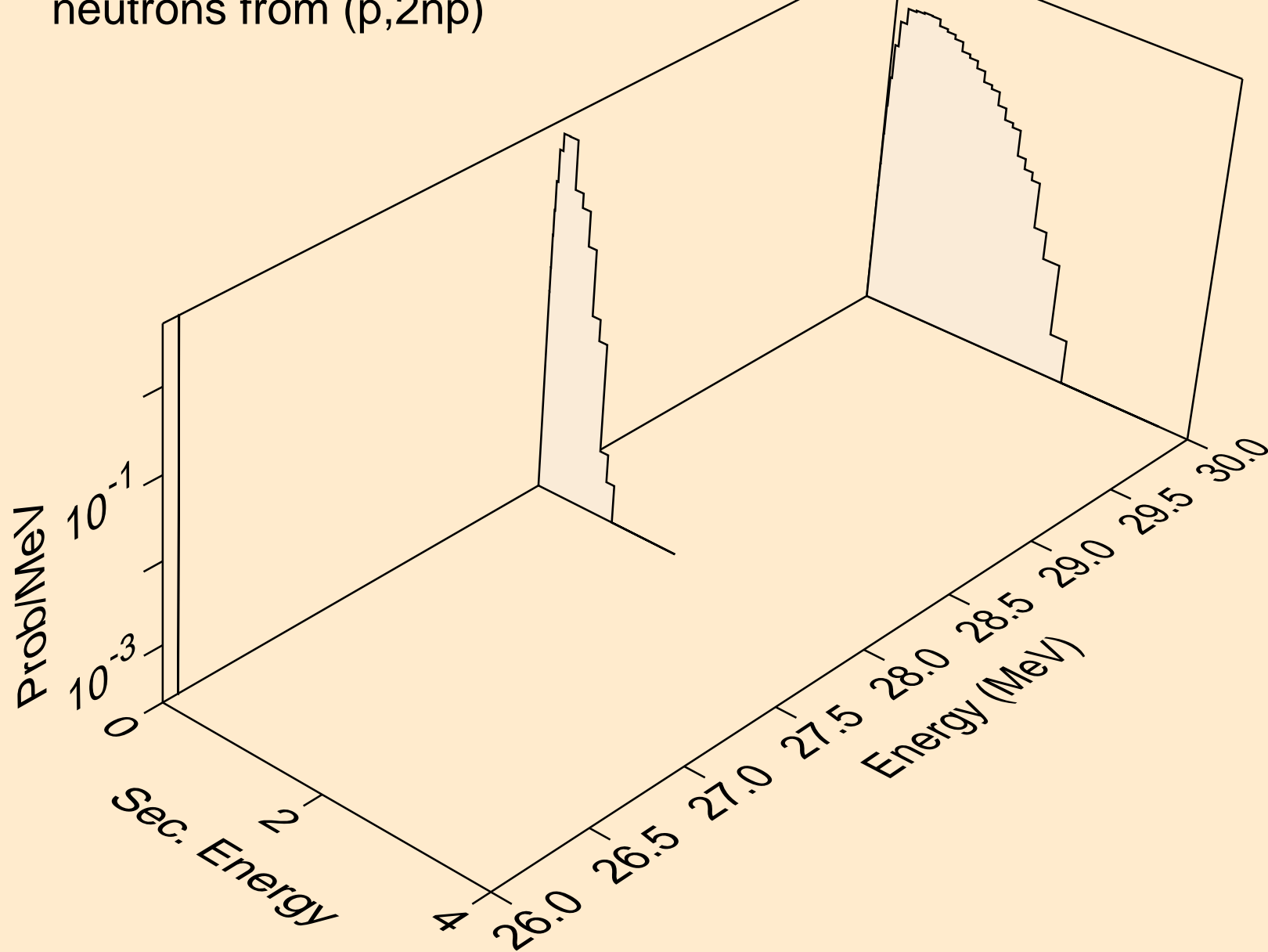
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neutrons from (p,n\*)d



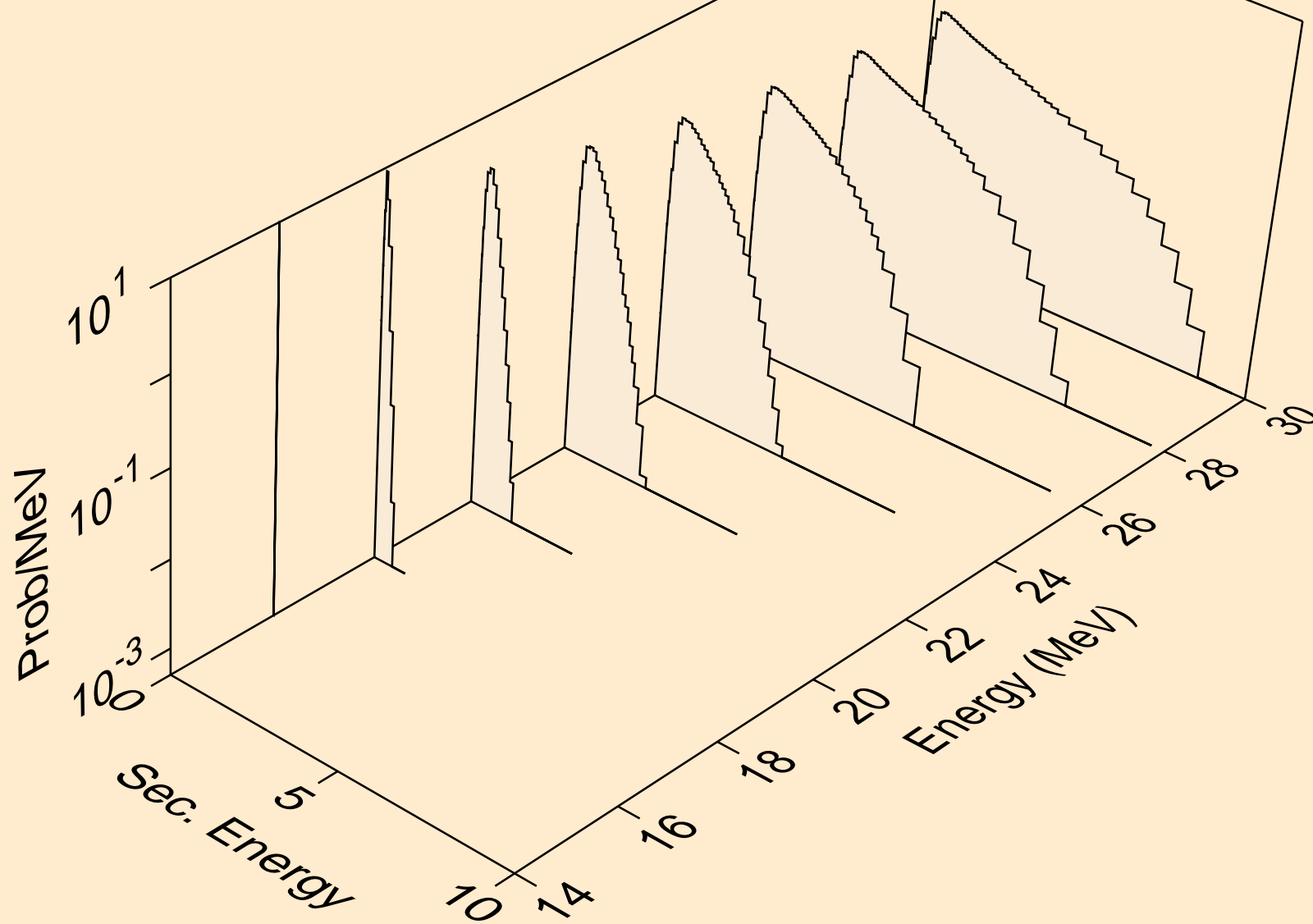
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neutrons from (p,n\*)he3



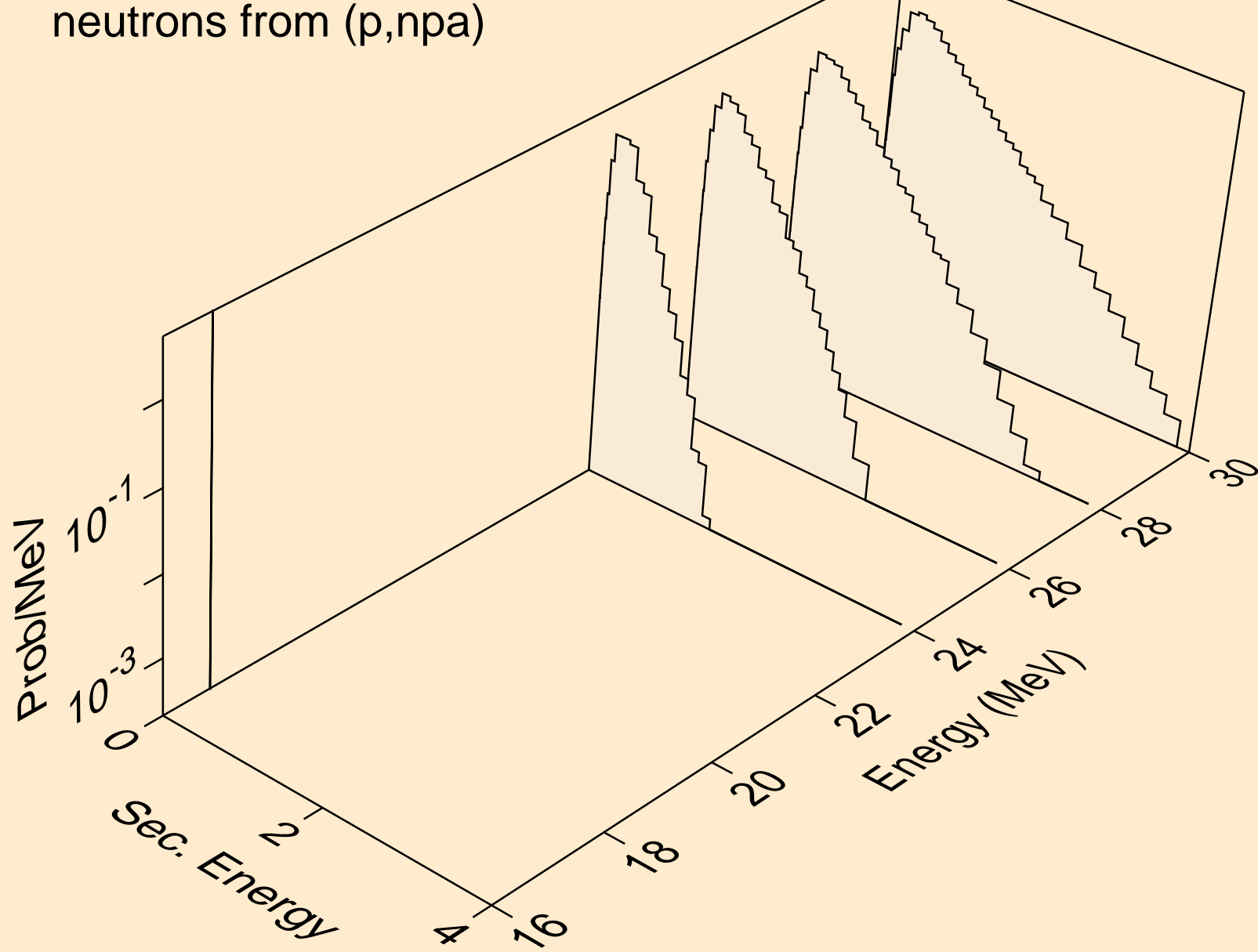
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neutrons from (p,2np)



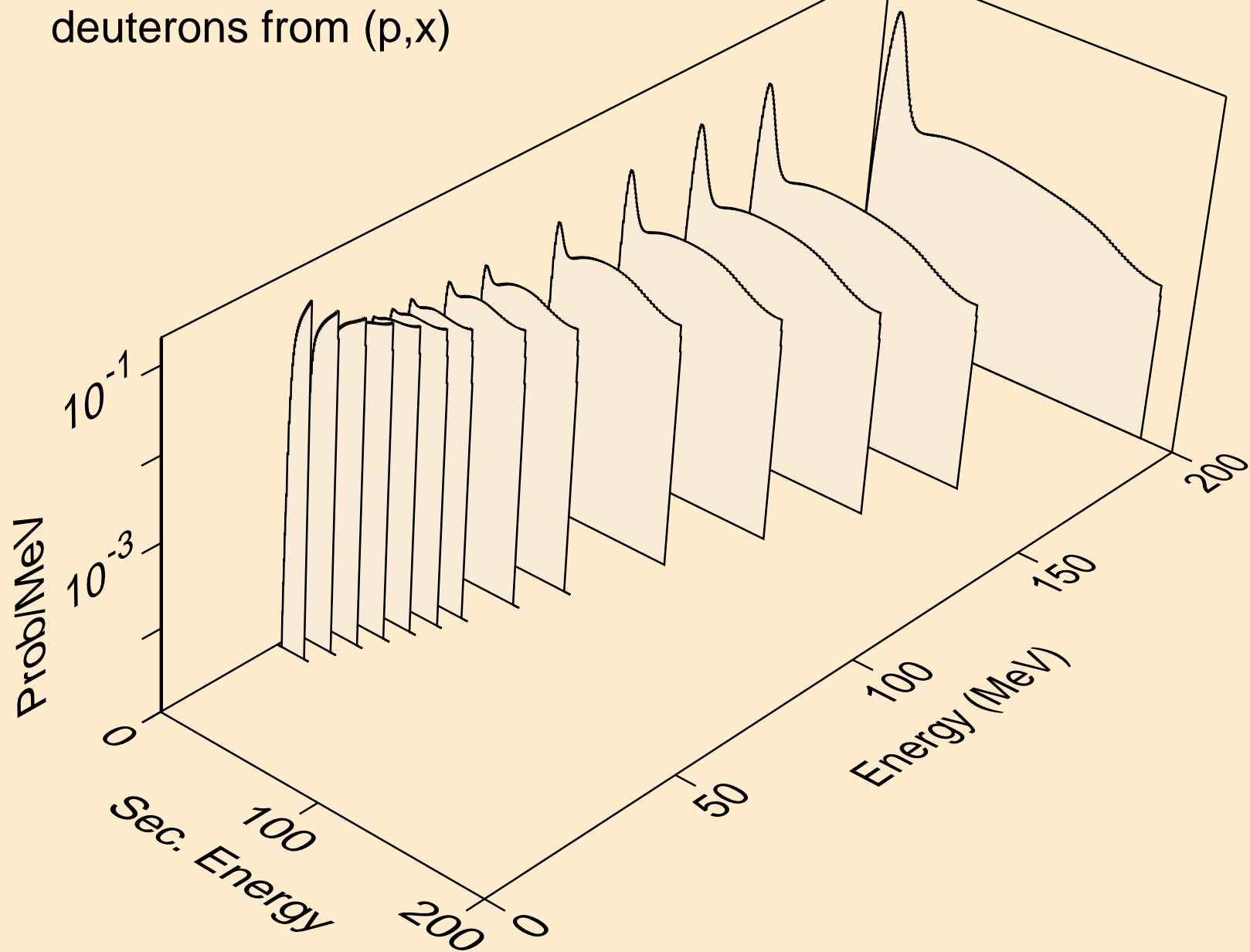
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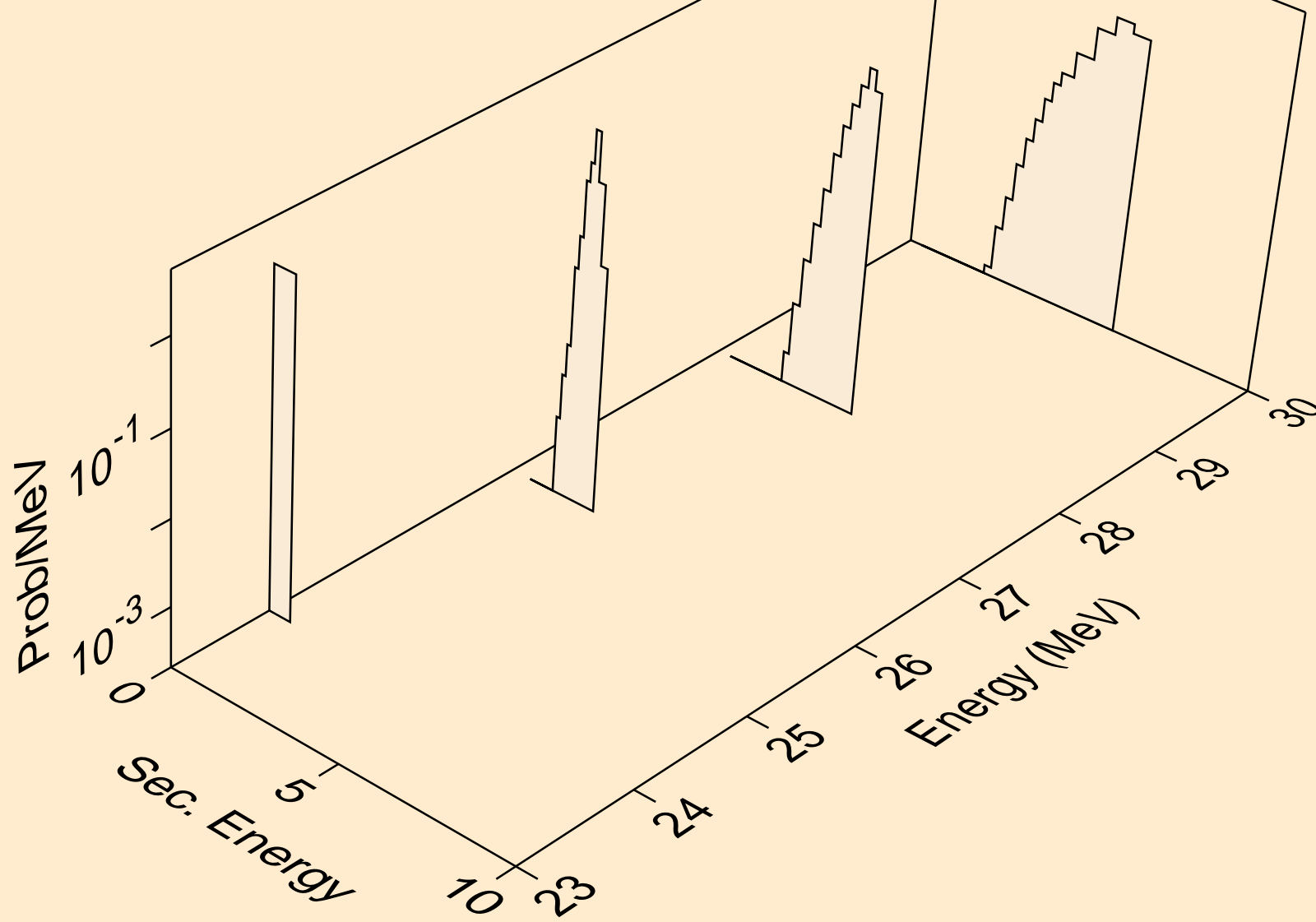
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neutrons from (p,npa)



TC089M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (p,x)

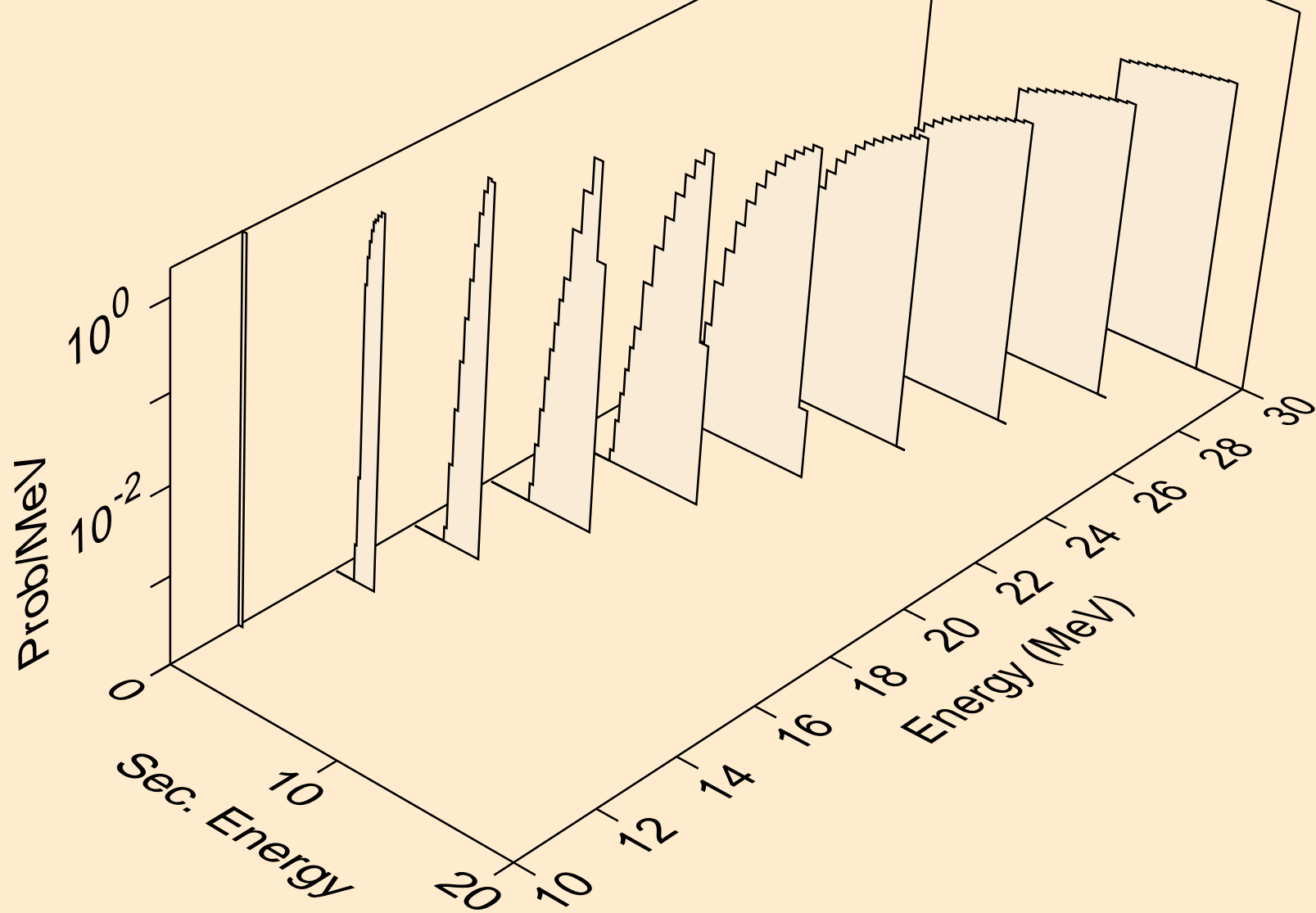


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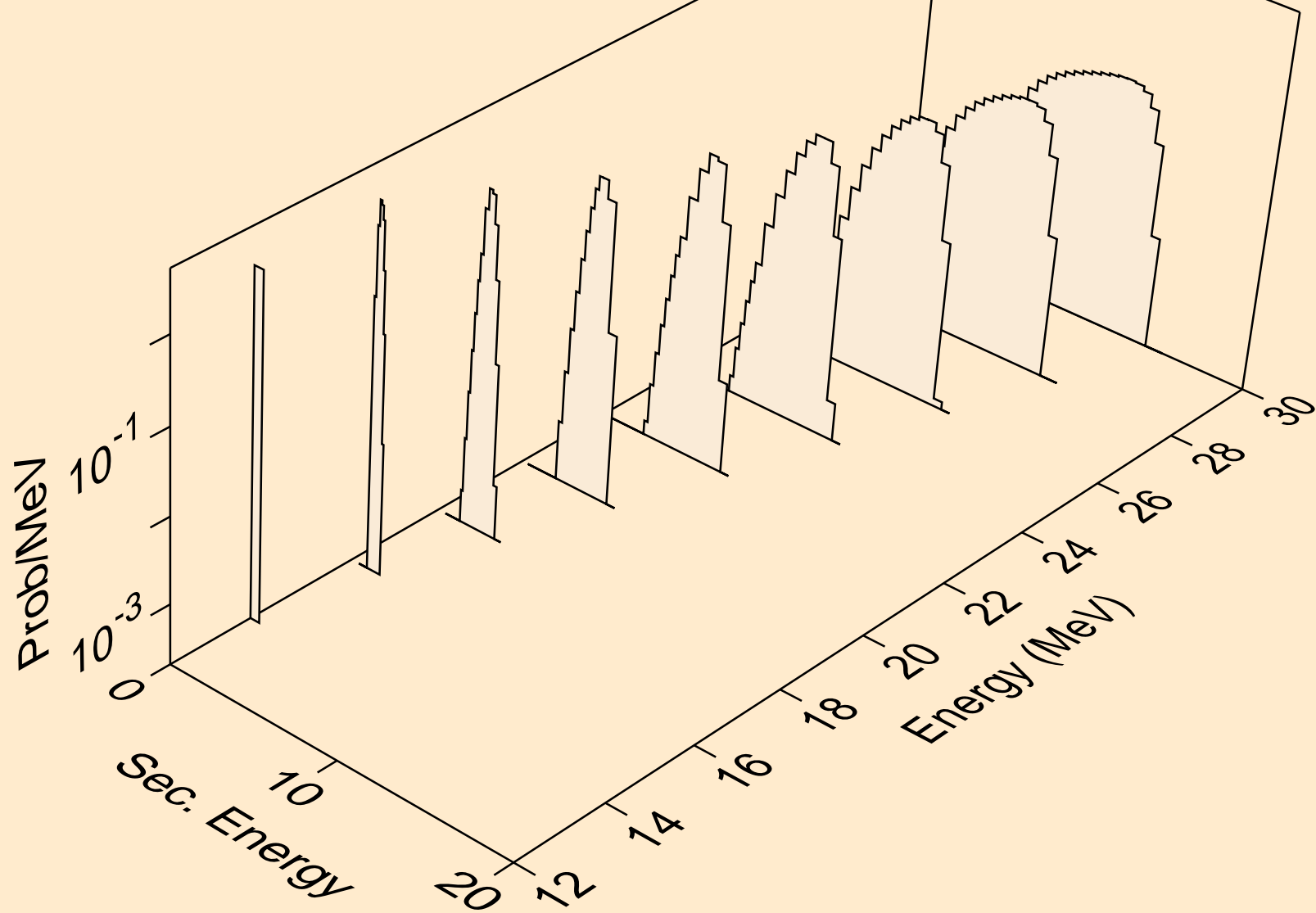




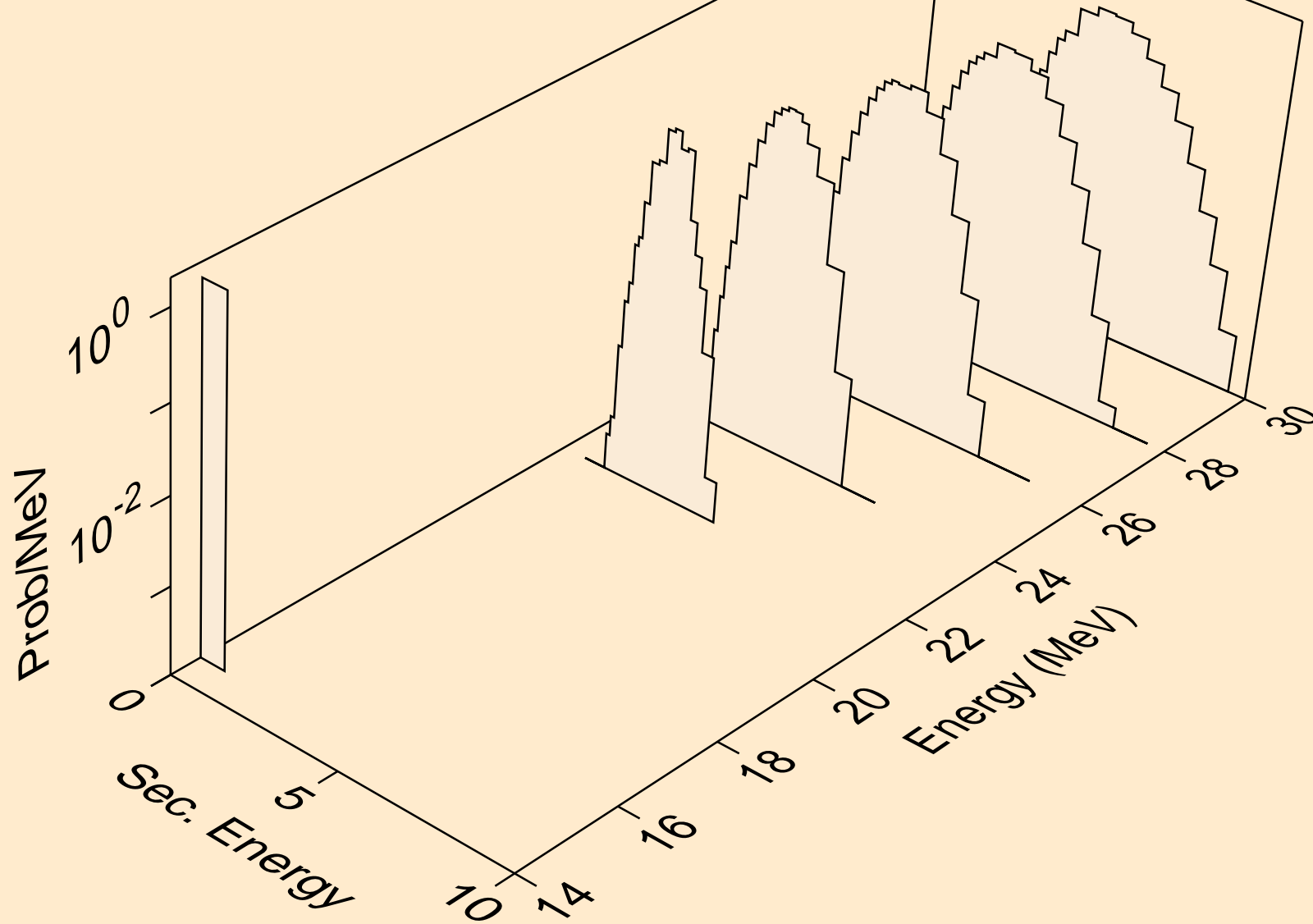
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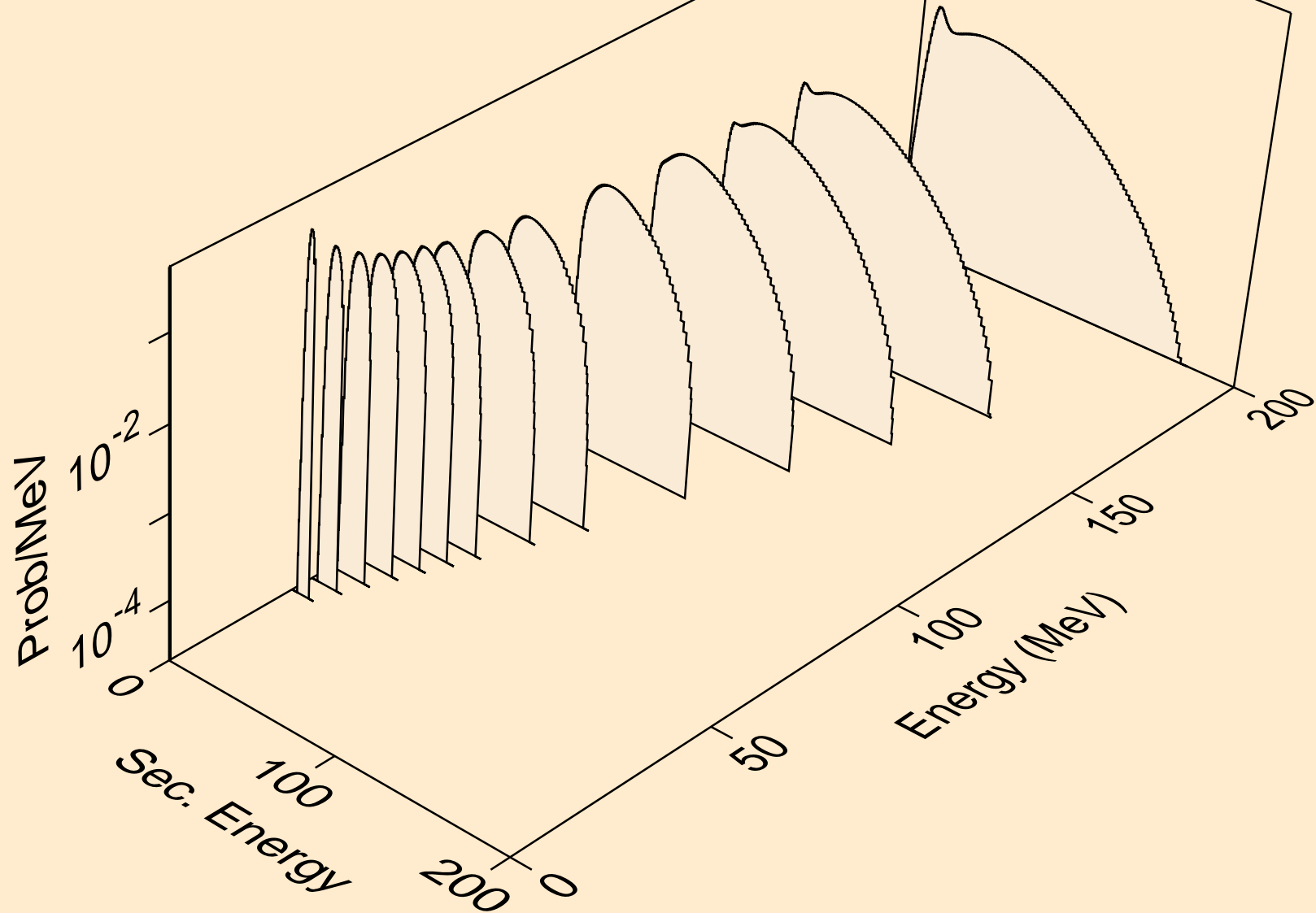
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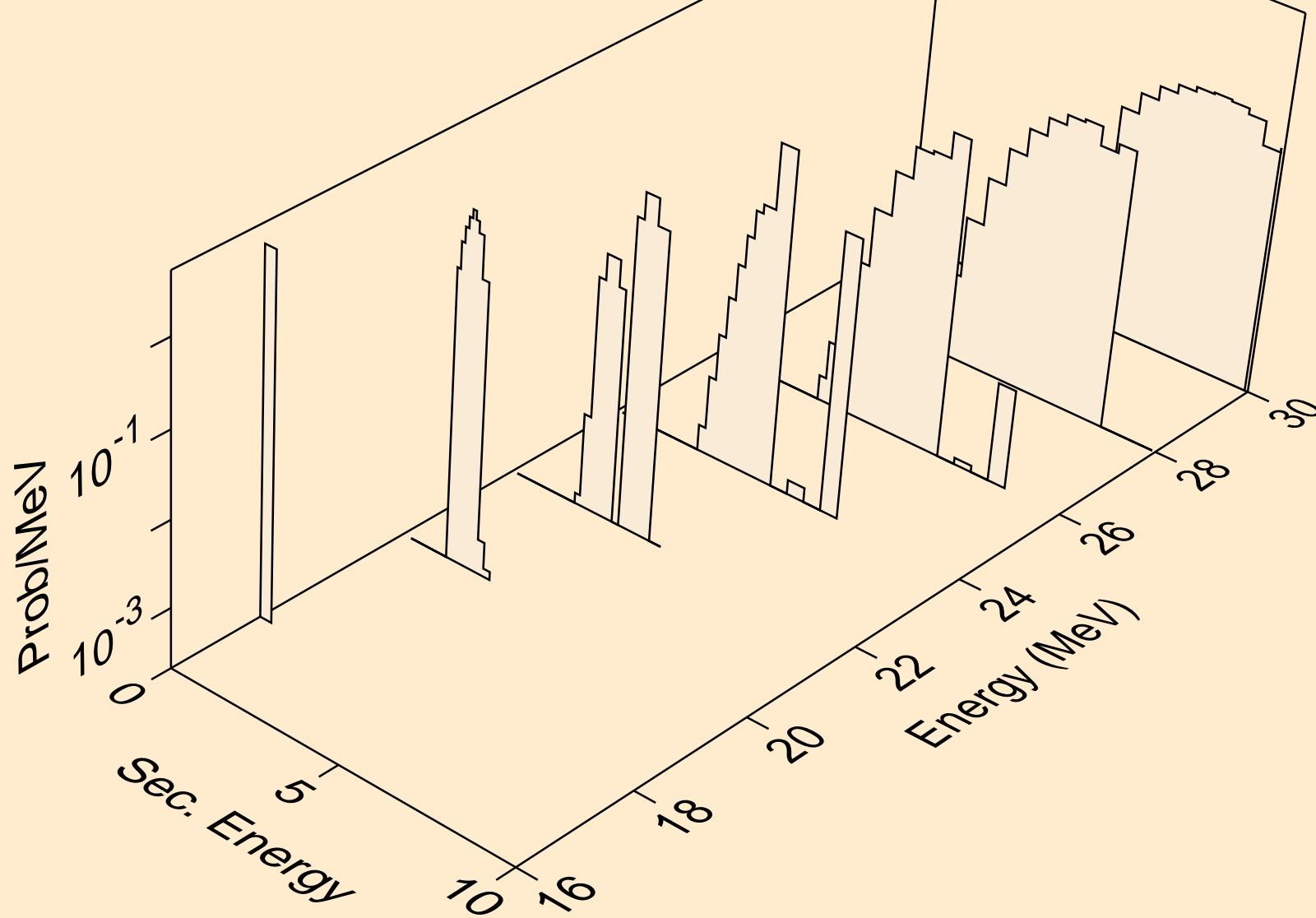
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deuterons from (p,da)



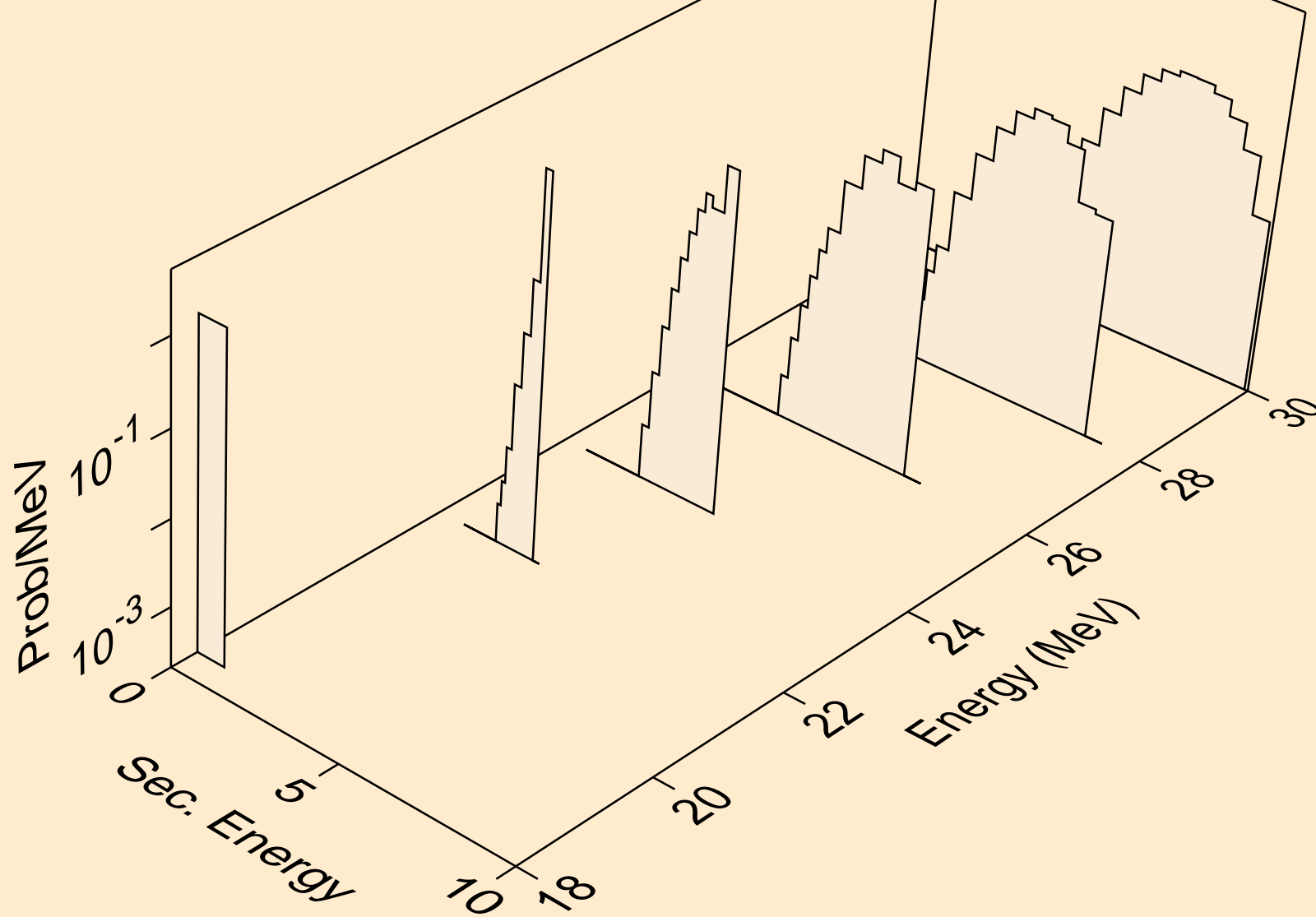
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tritons from (p,x)



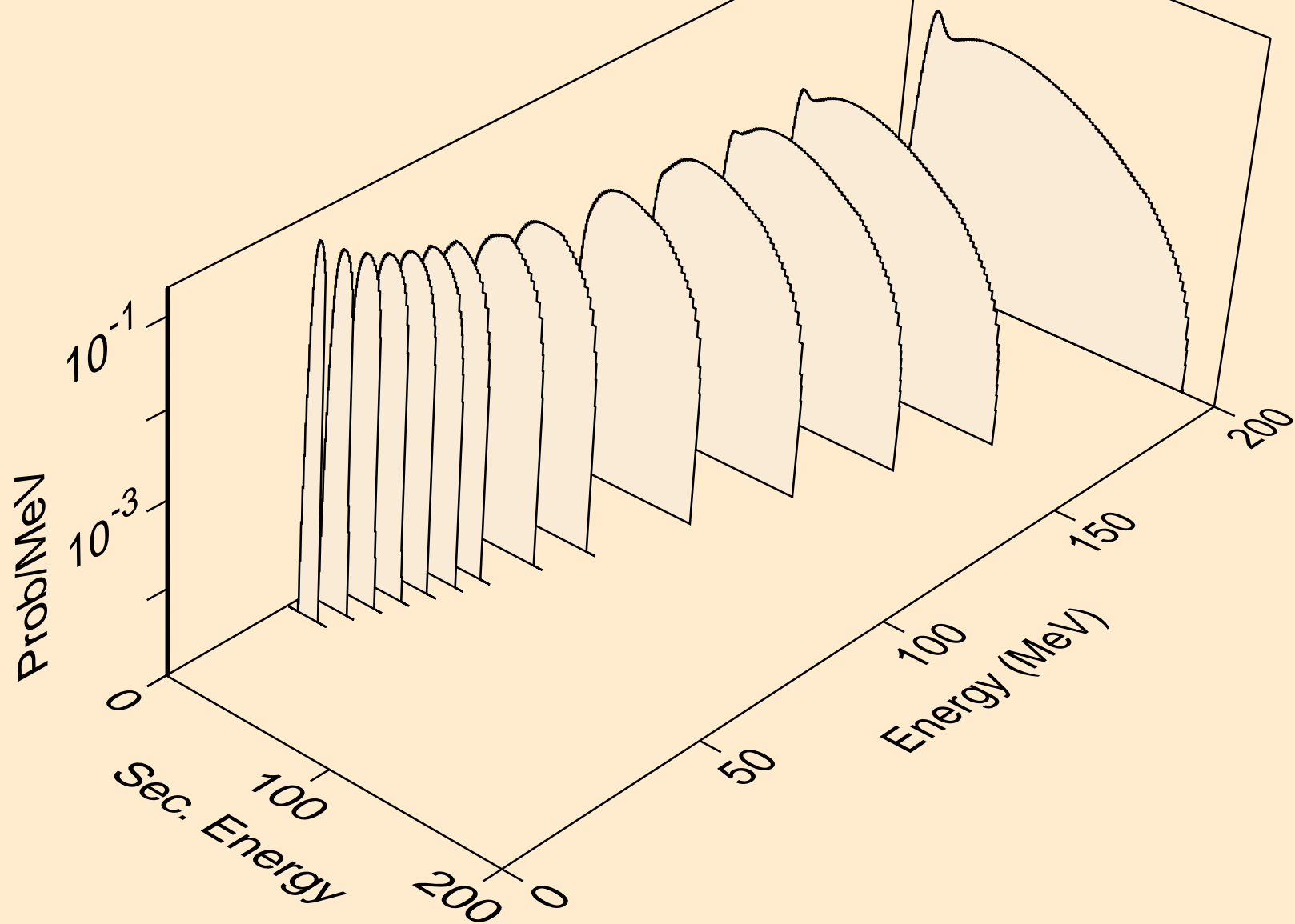
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tritons from (p,t)



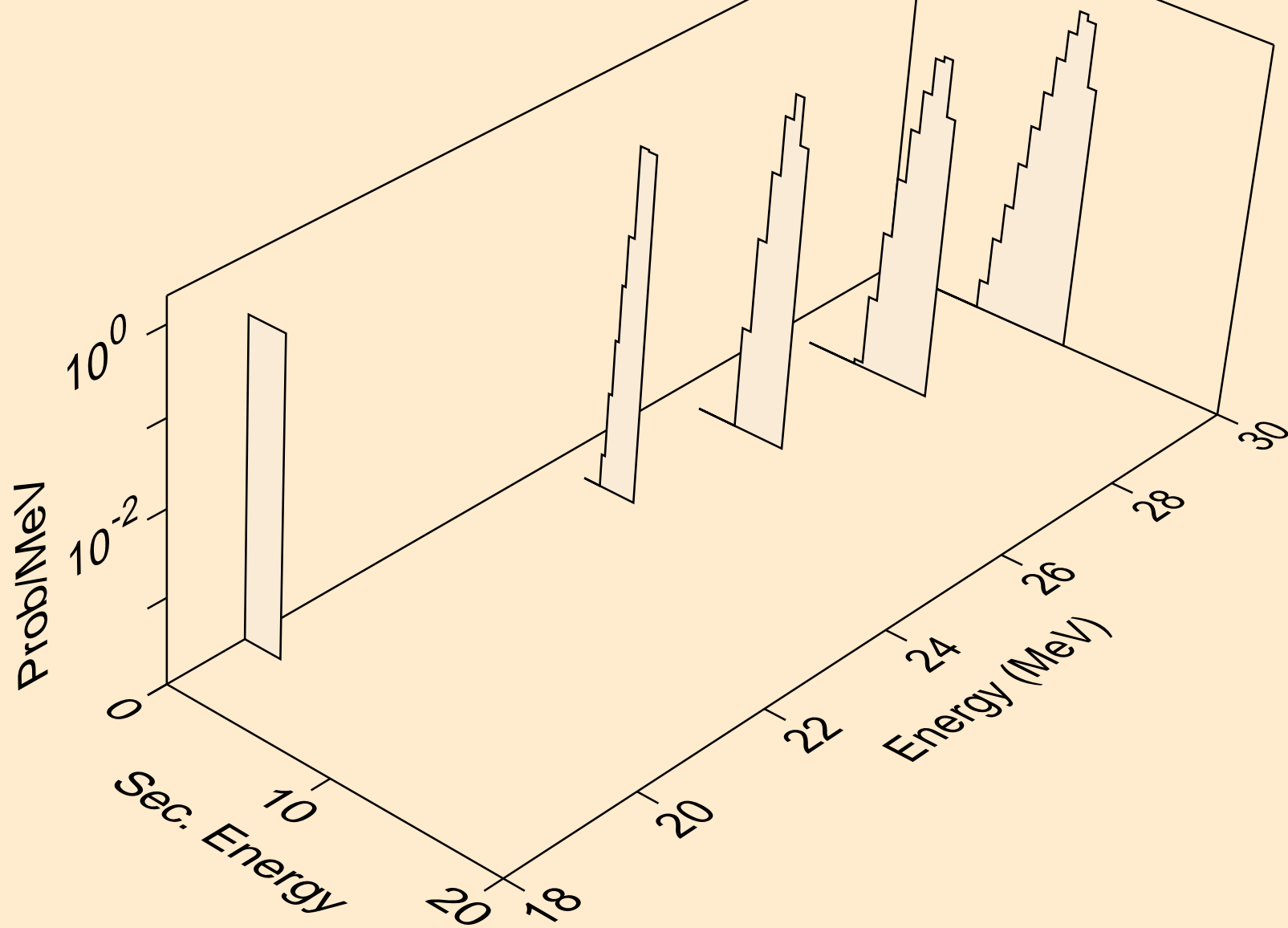
TC089M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (p,pt)



TC089M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (p,x)

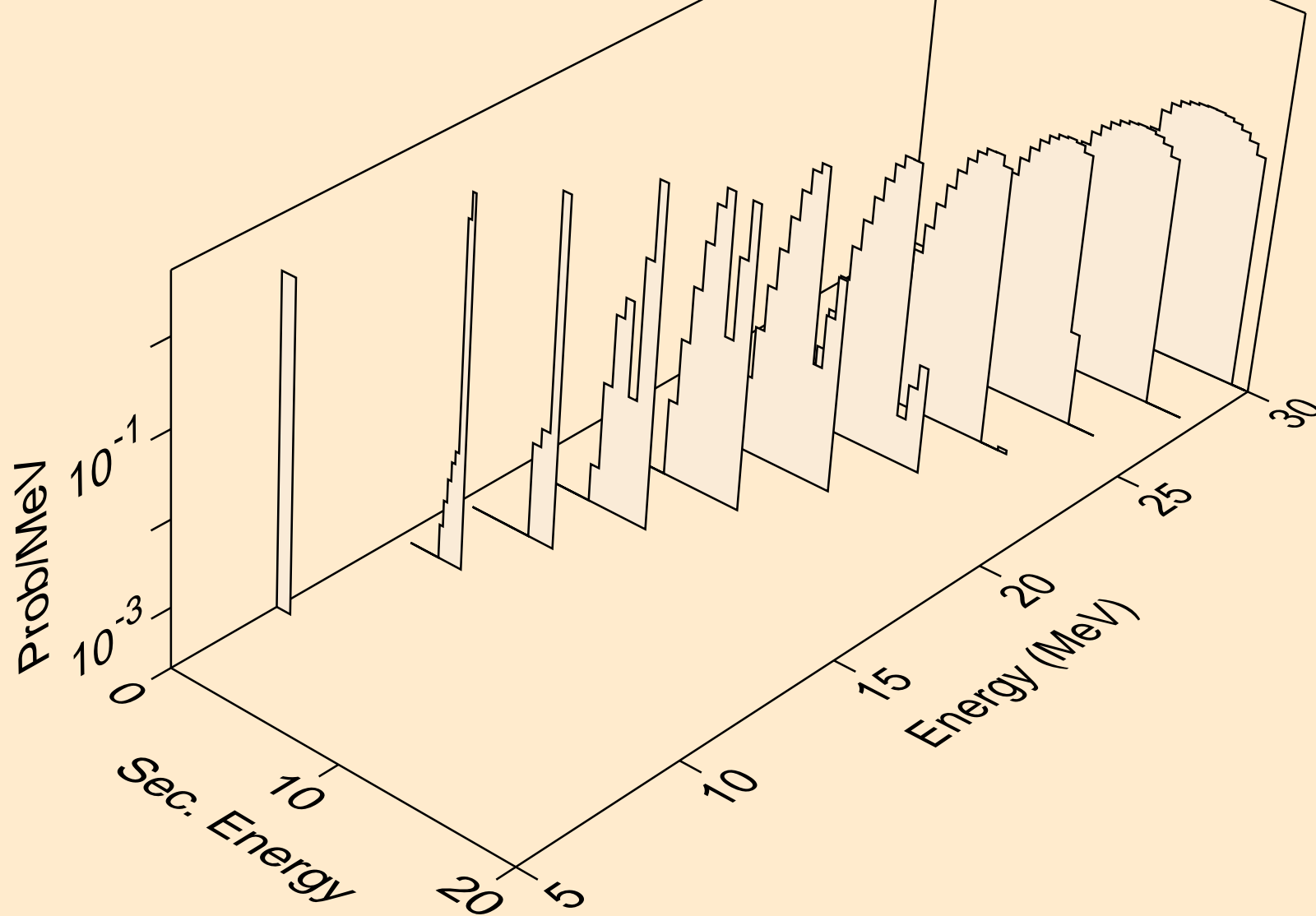


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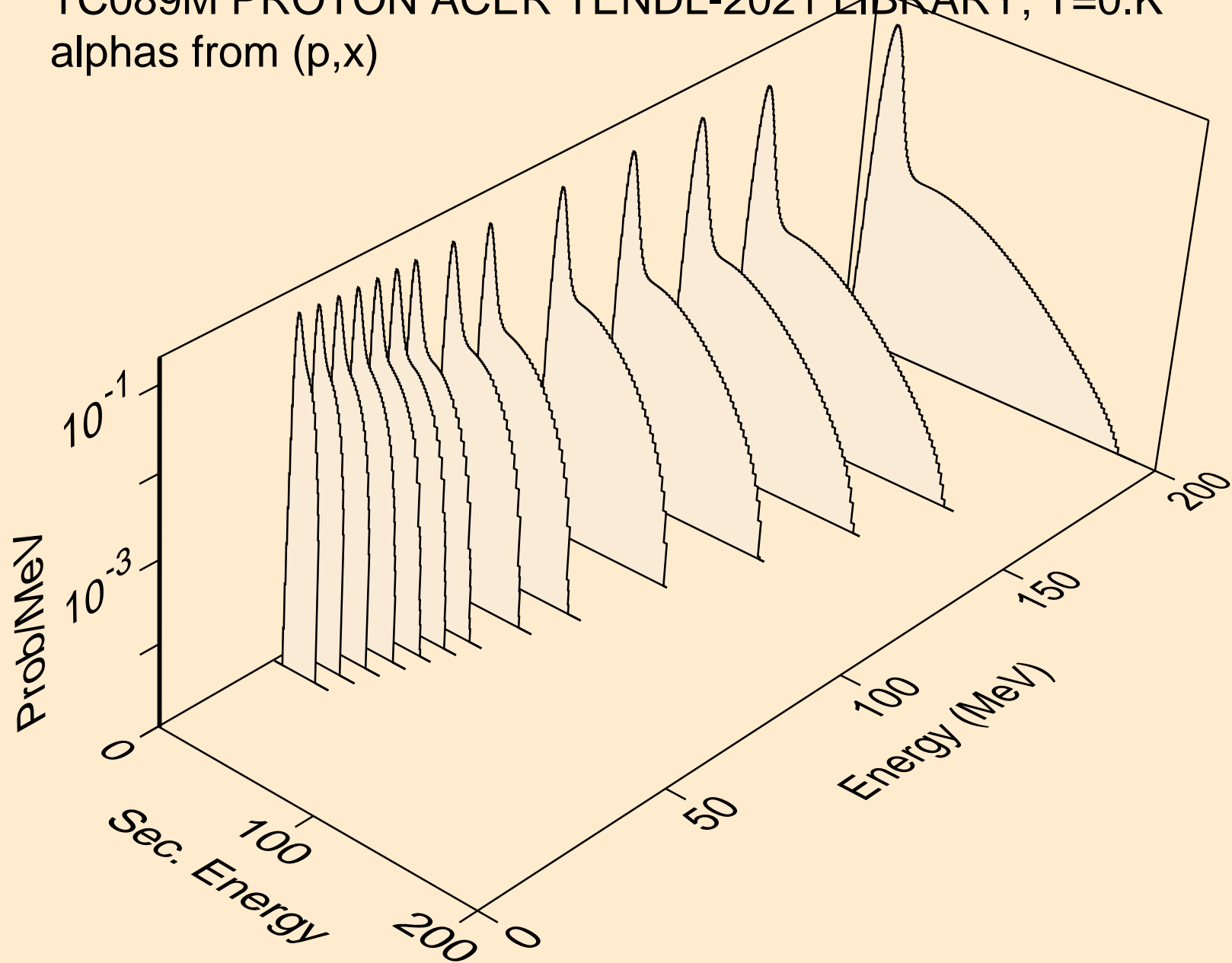




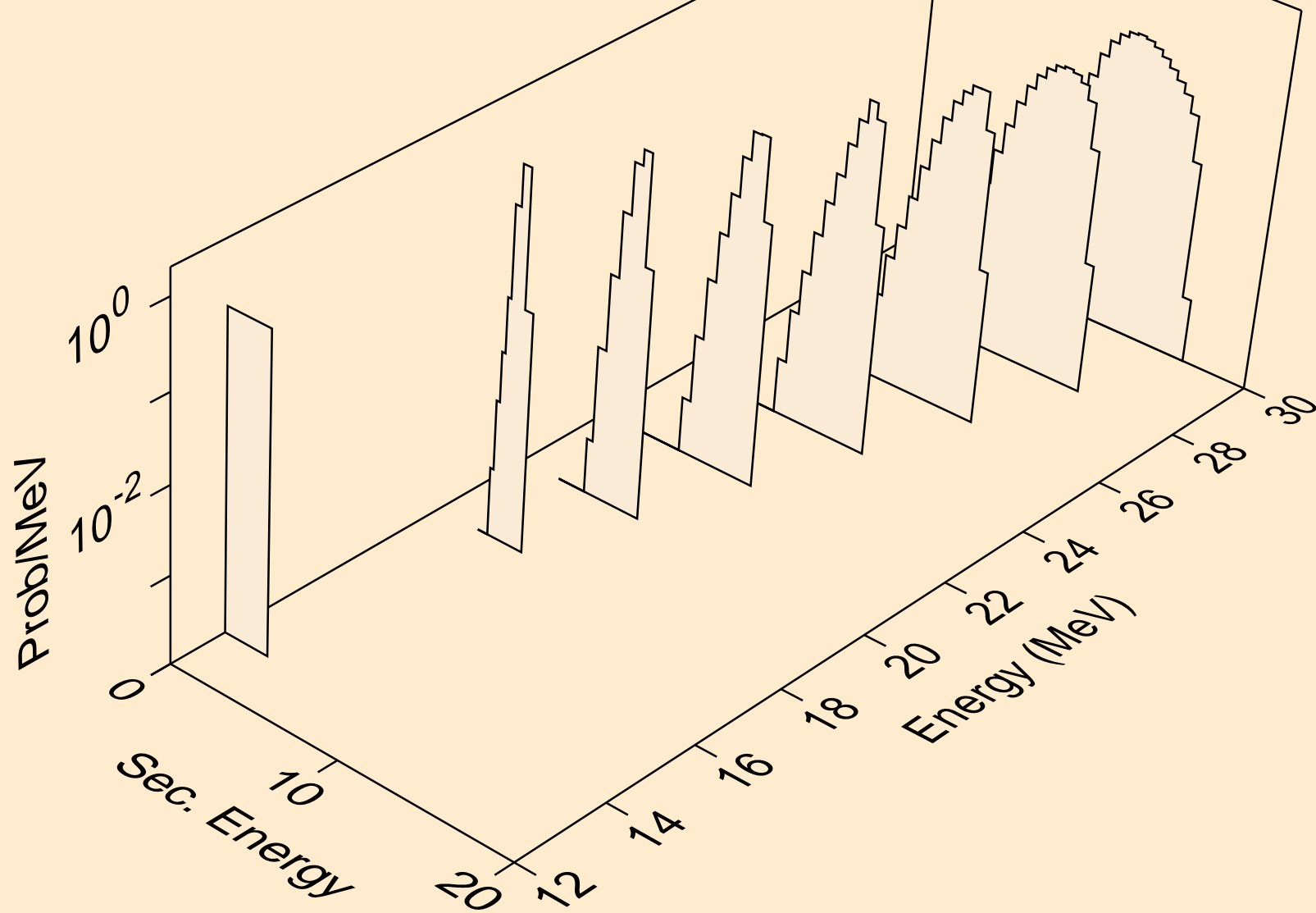
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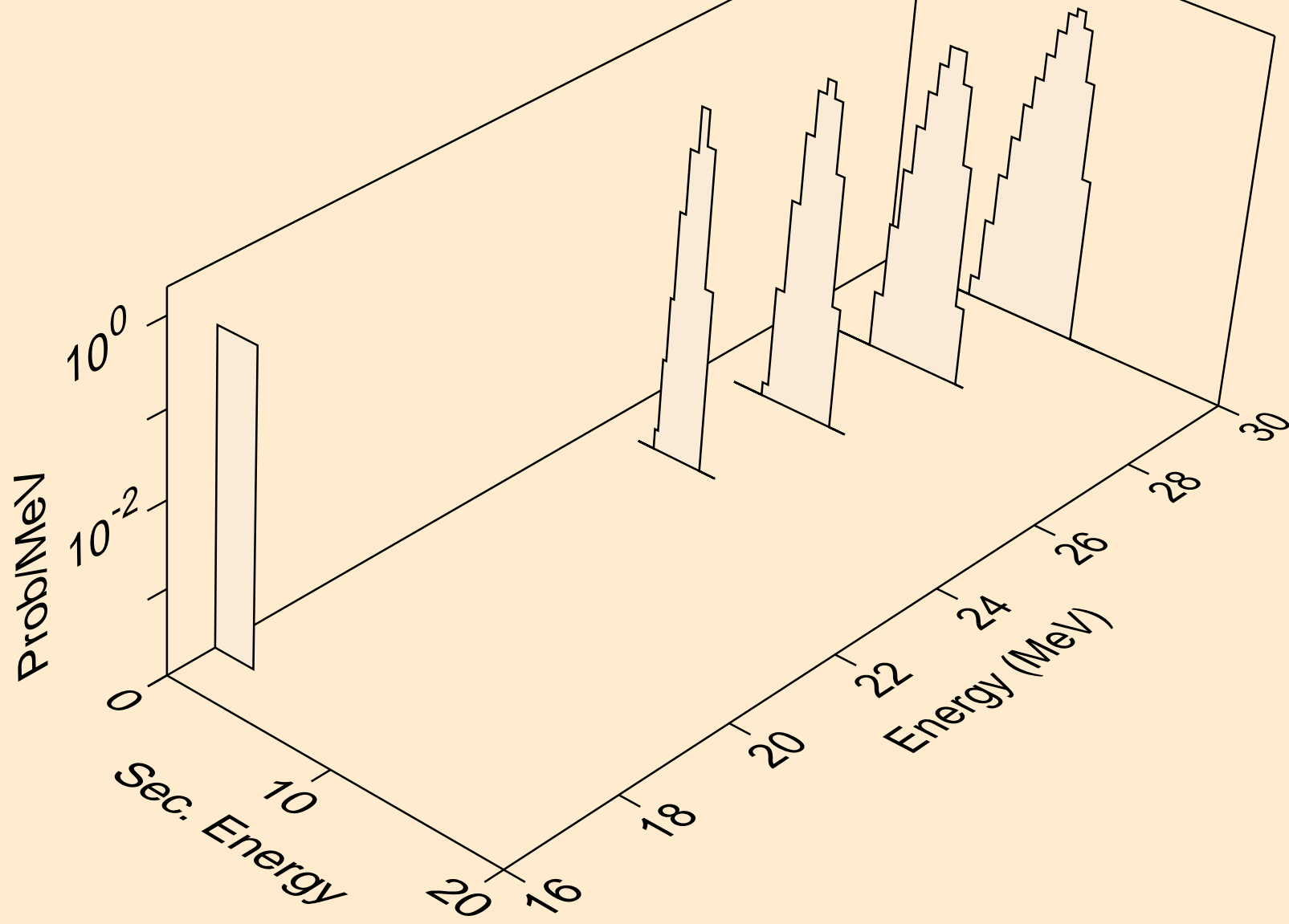
TC089M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,x)



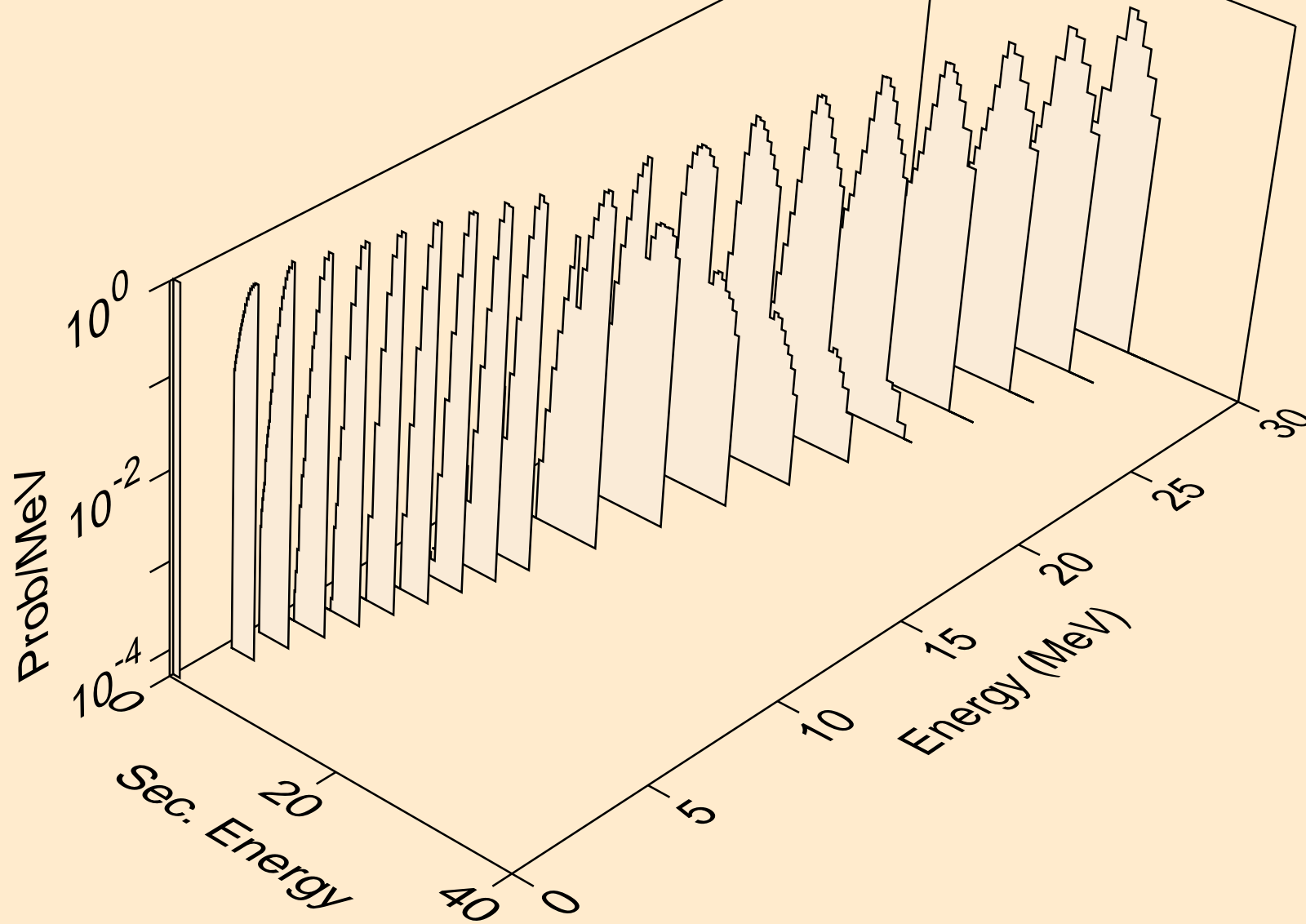
TC089M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,n\*)a



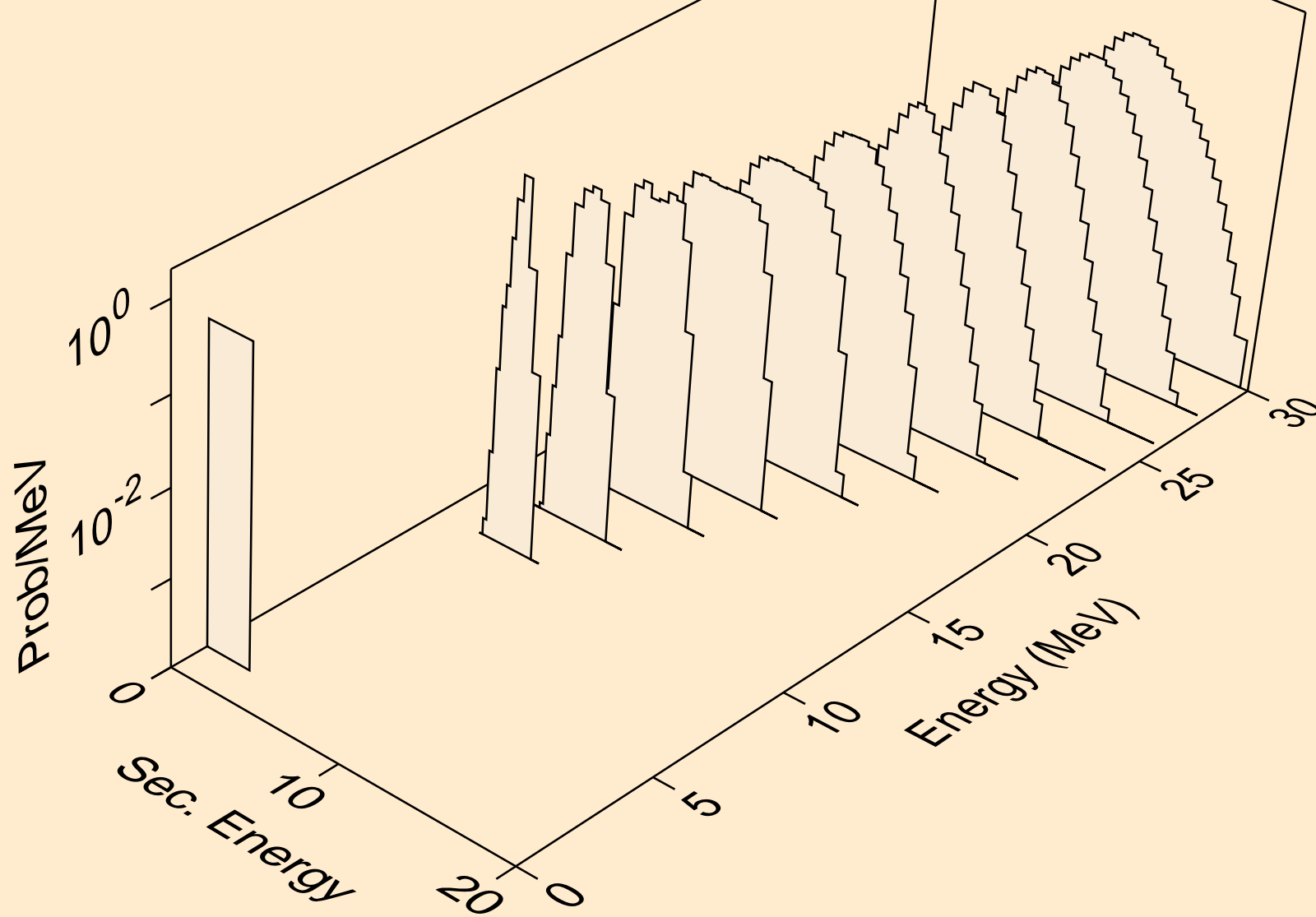
TC089M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,npa)



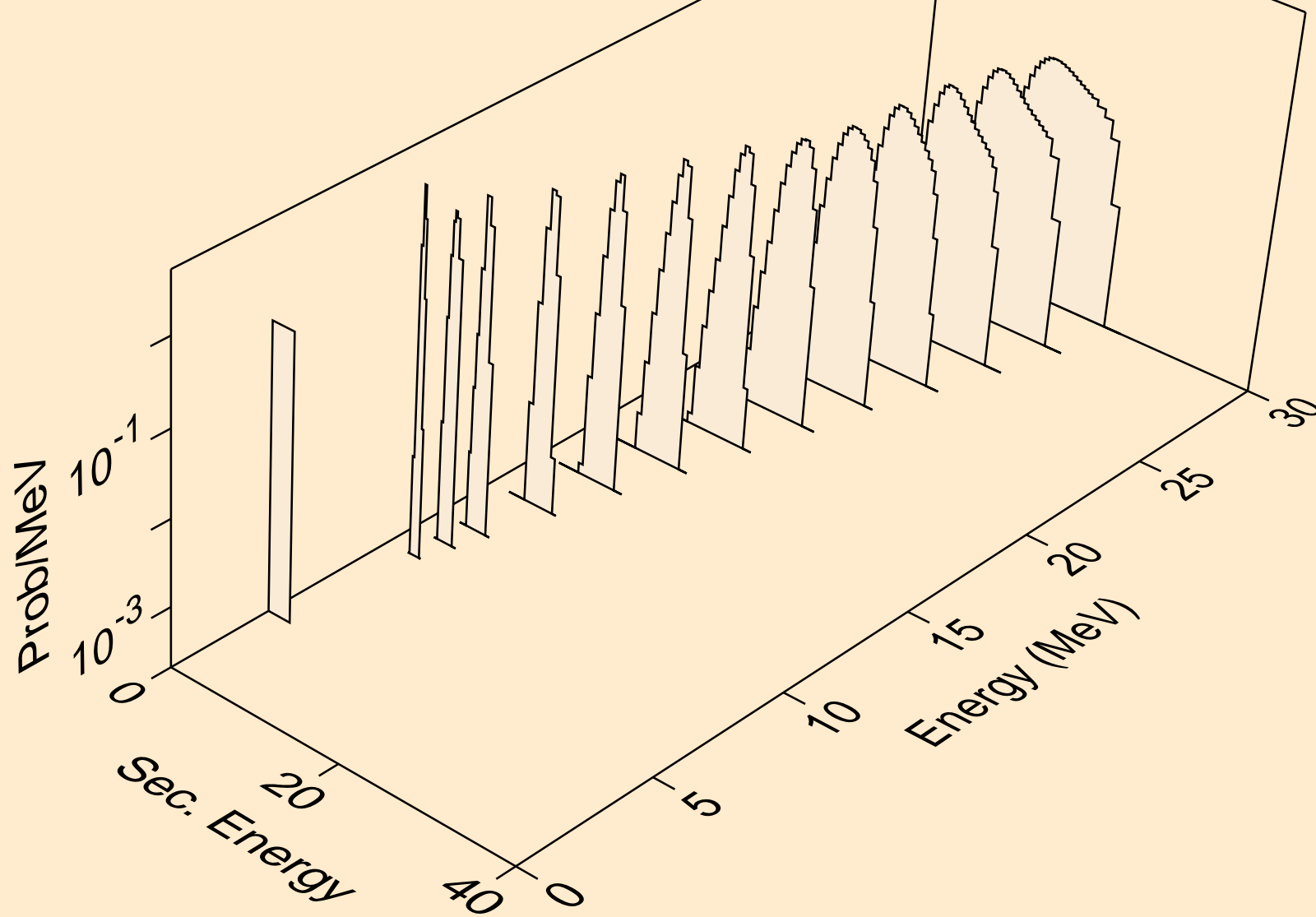
TC089M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,a)



TC089M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,2a)



TC089M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,pa)



TC089M PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,da)

