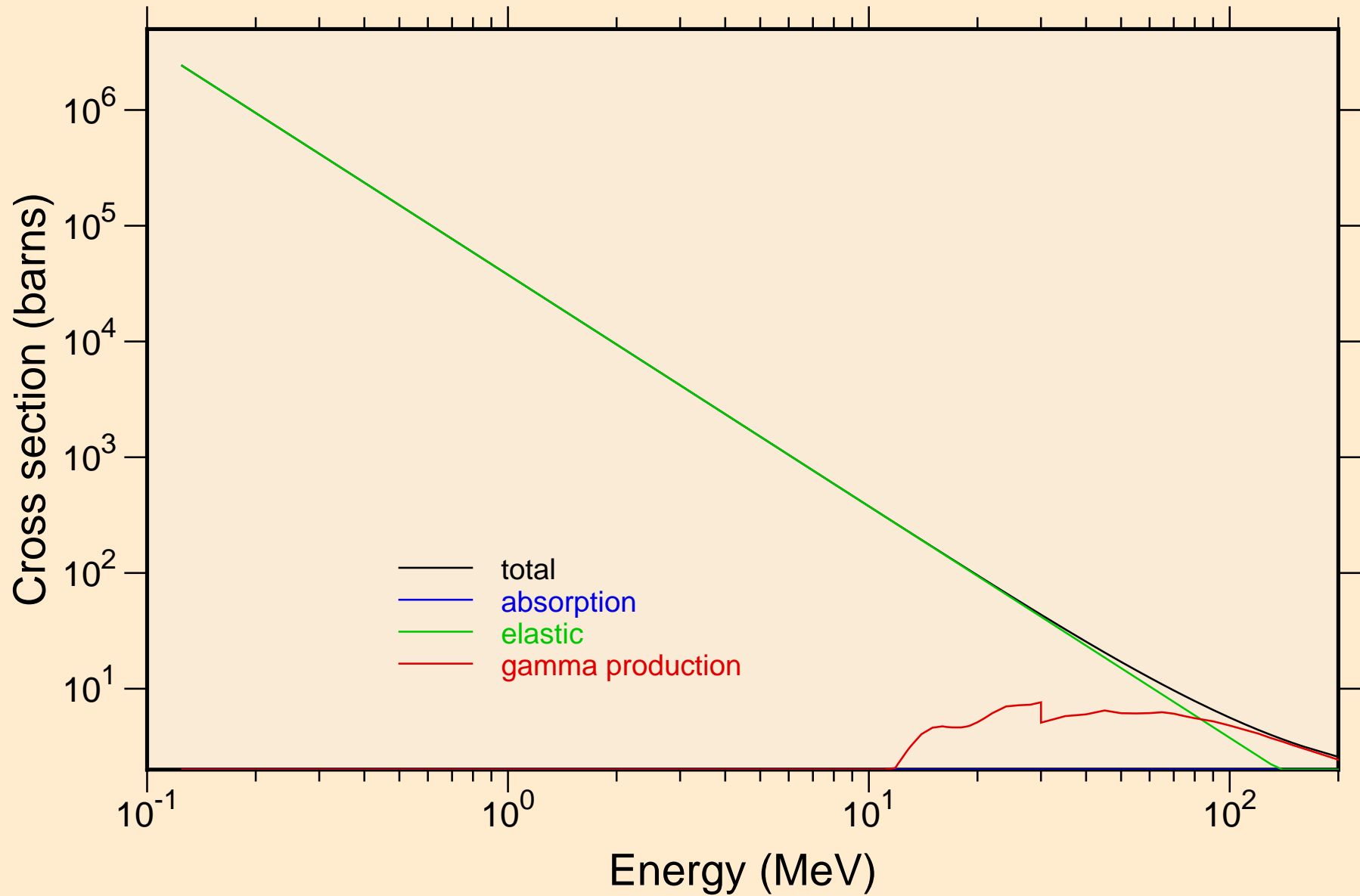
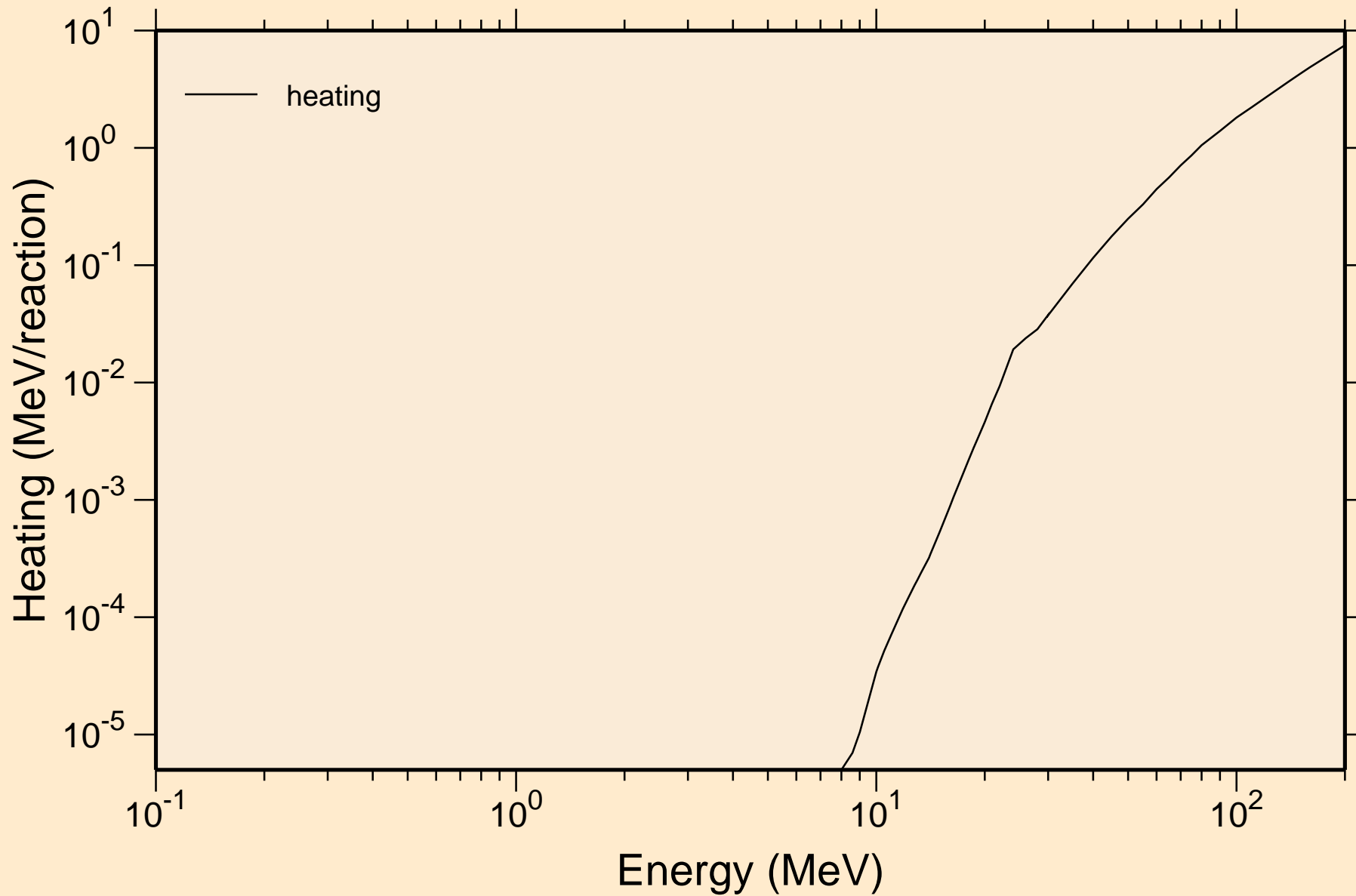


PT199M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



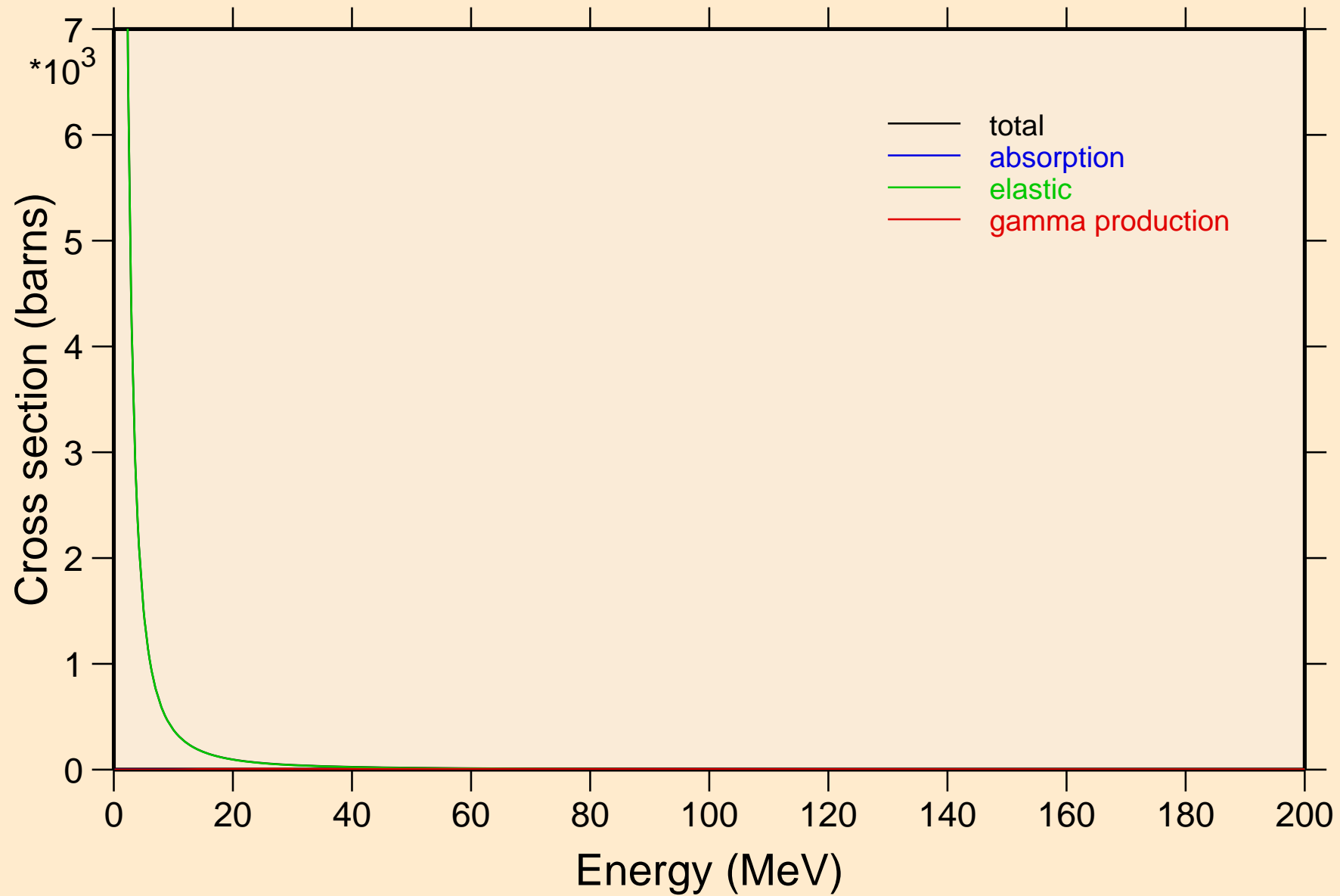
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Heating



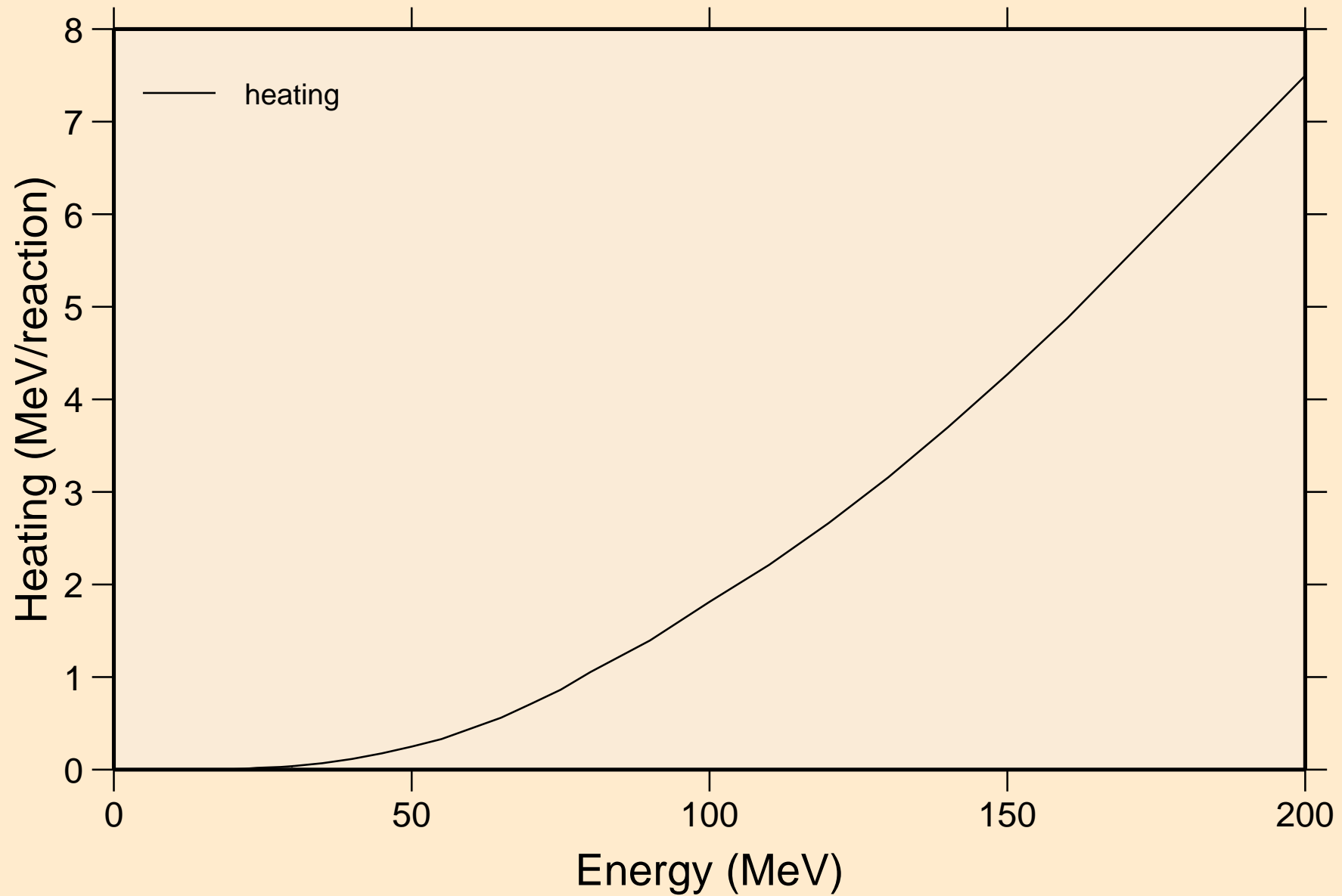
# PT199M PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

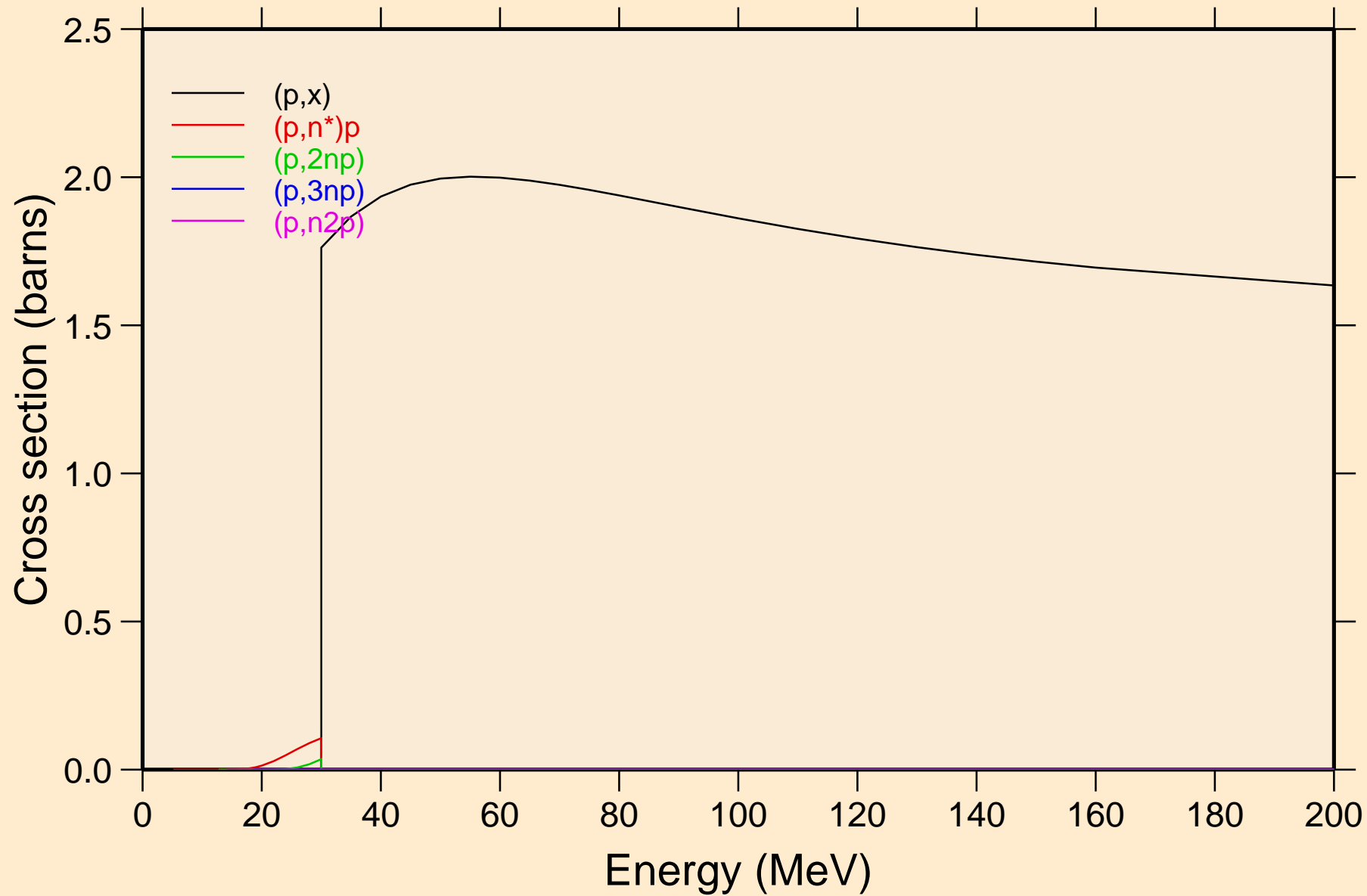


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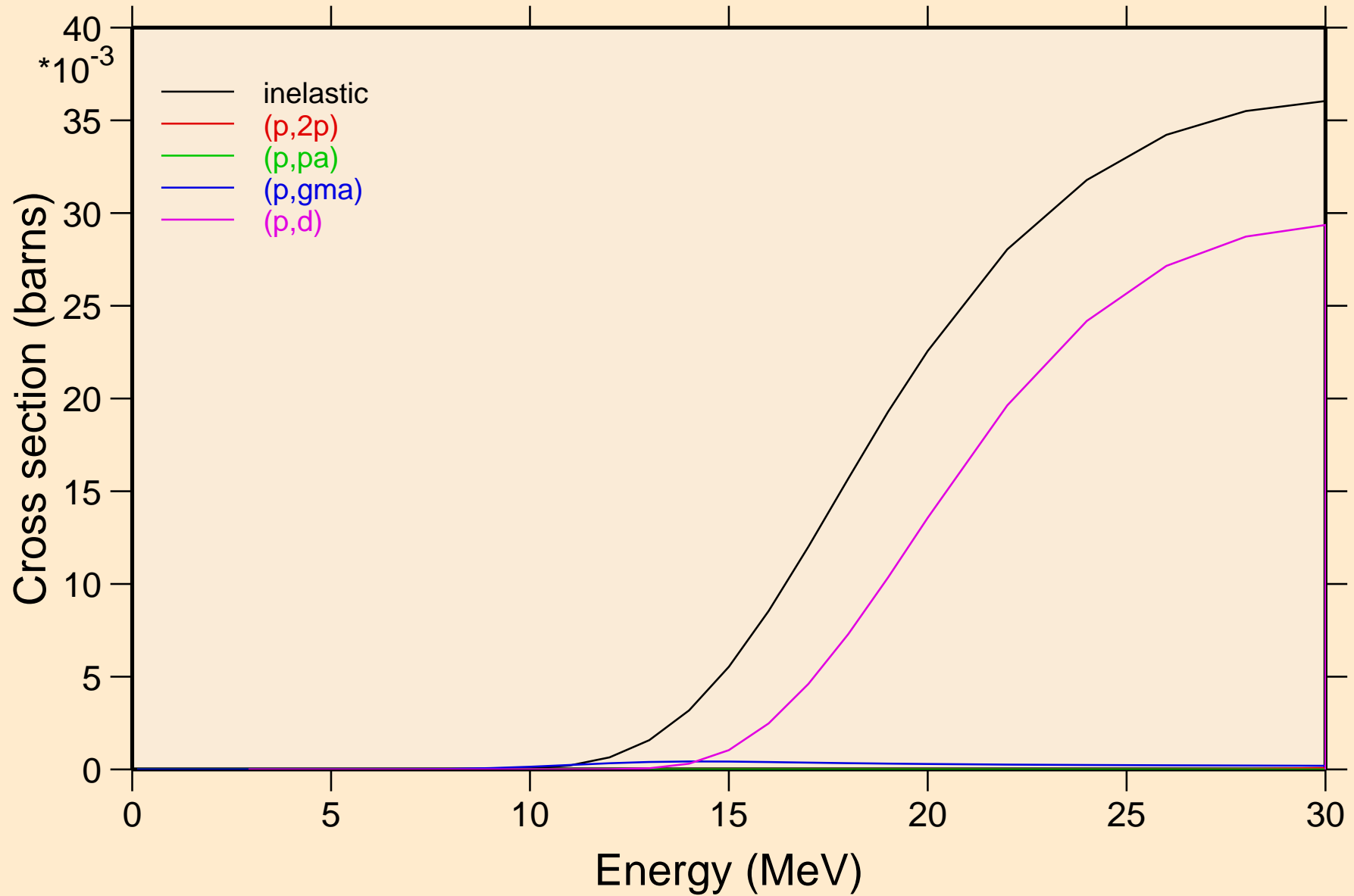
Heating



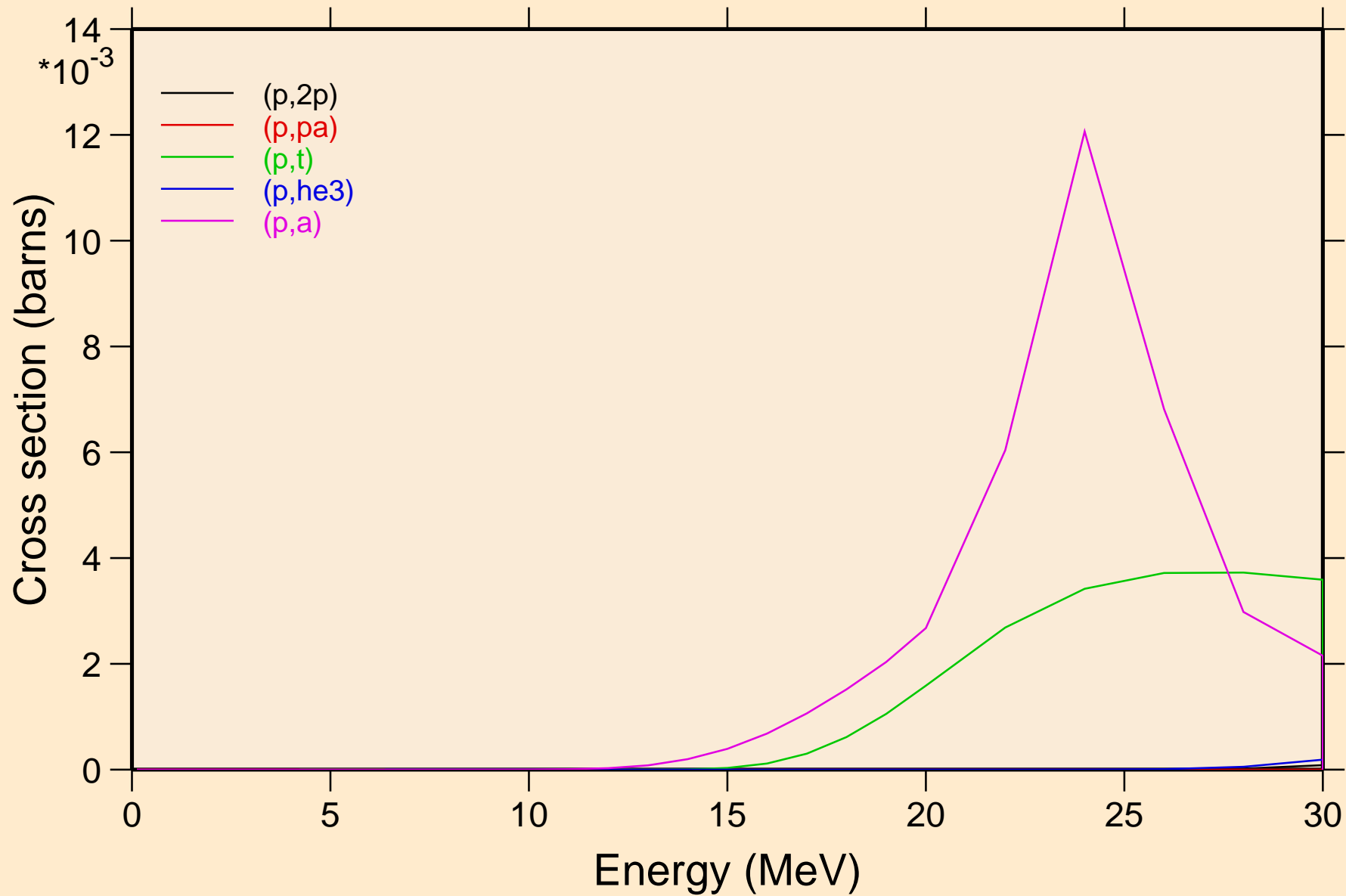
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Threshold reactions



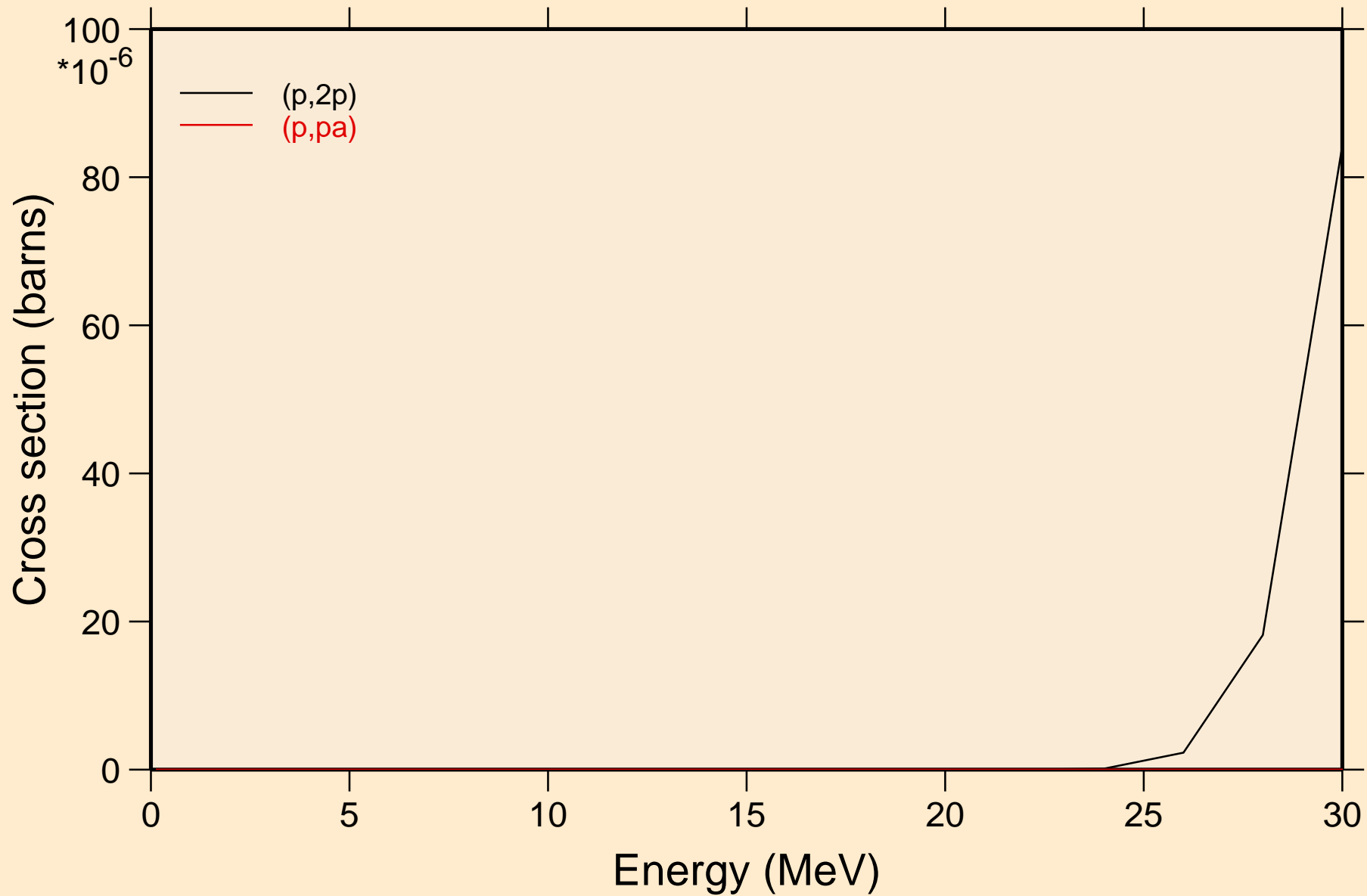
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Threshold reactions



PT199M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

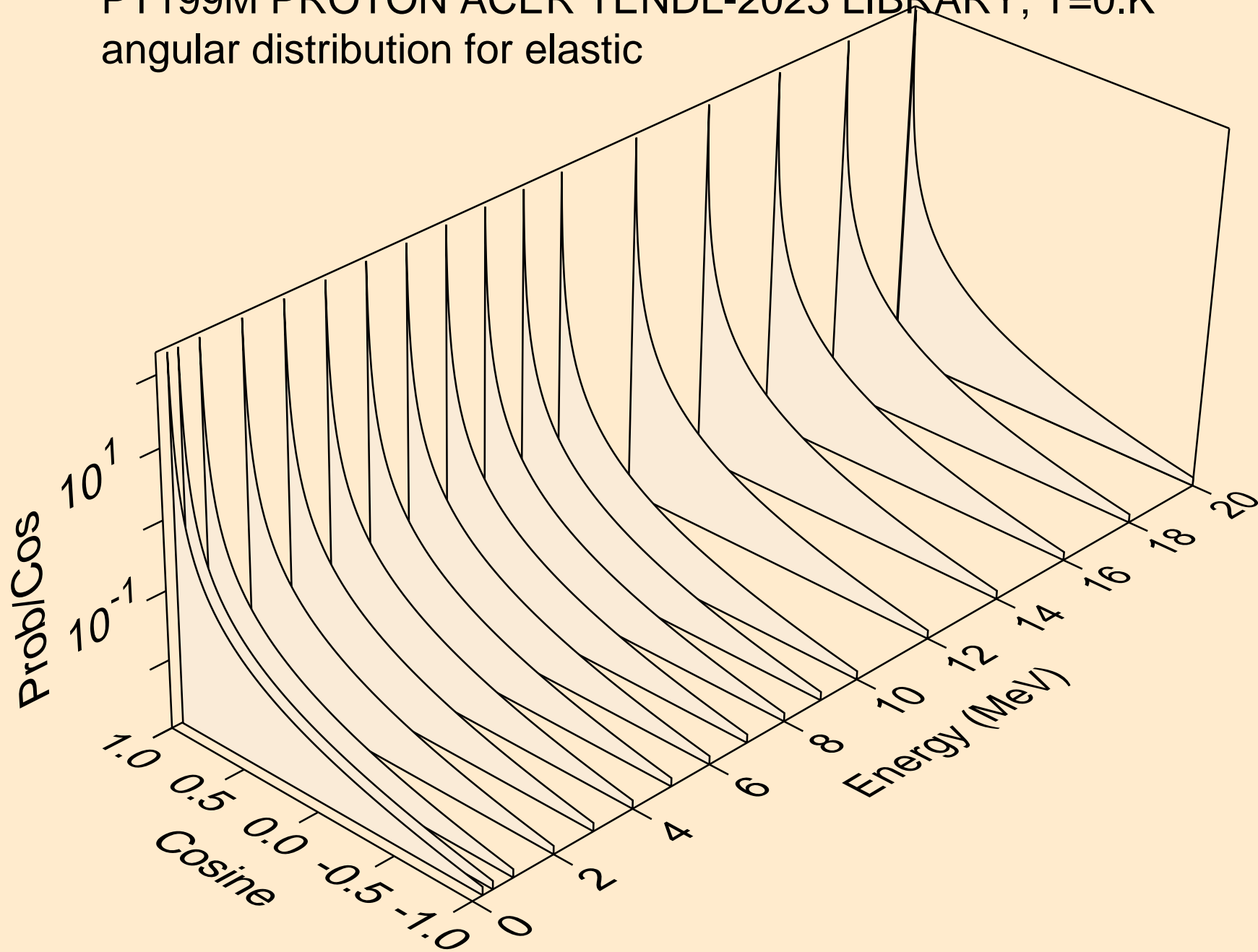


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Threshold reactions

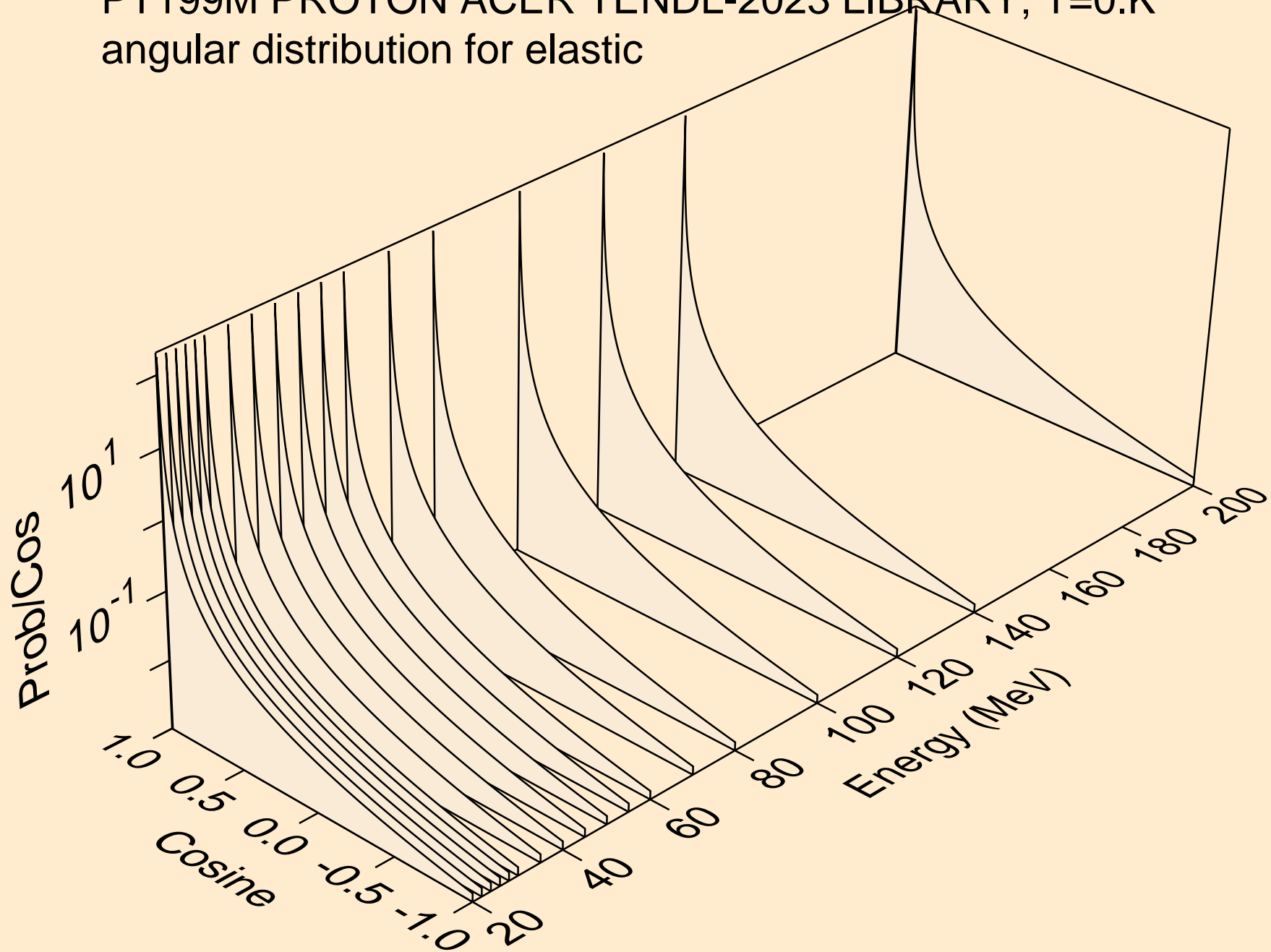




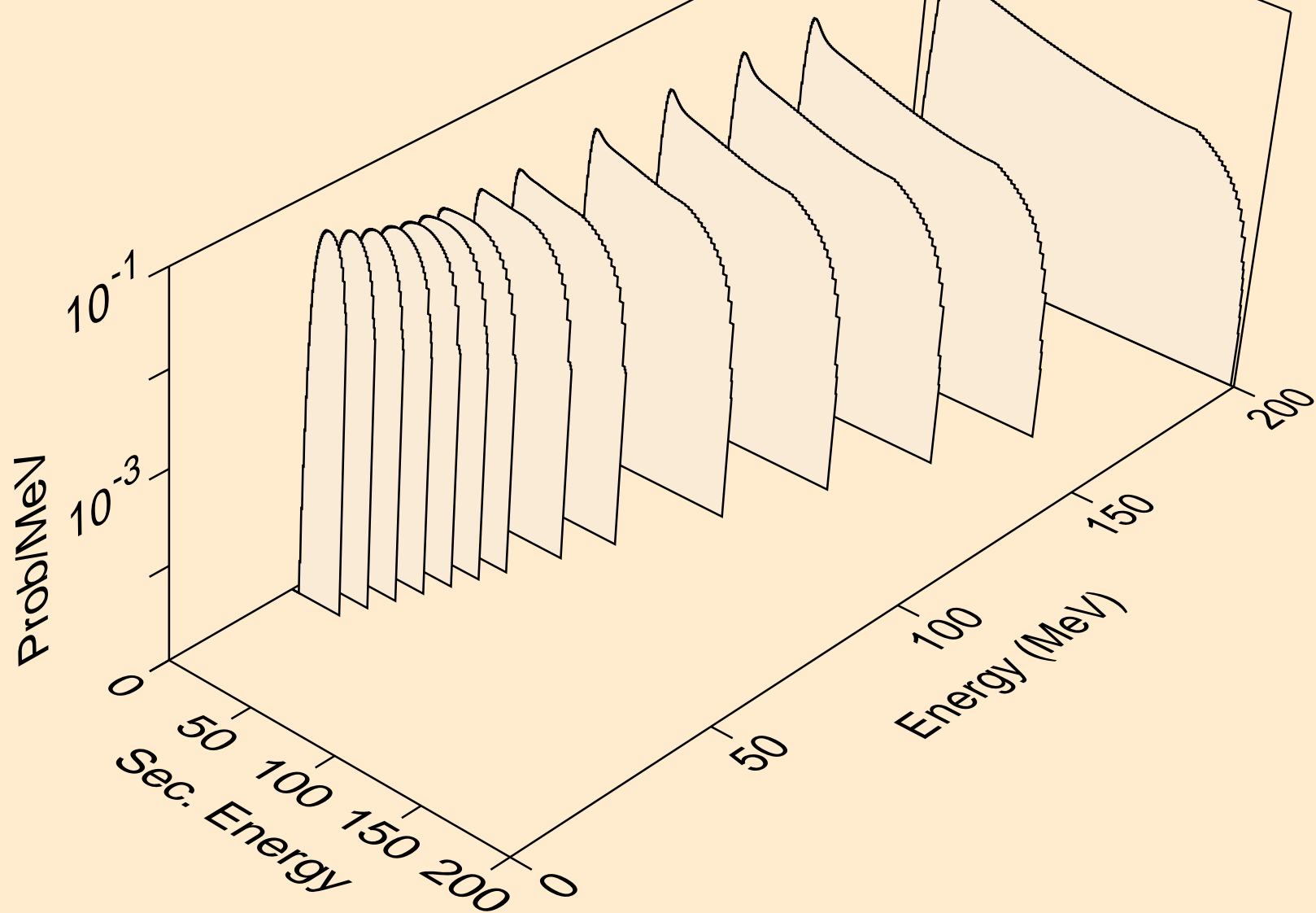
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angular distribution for elastic



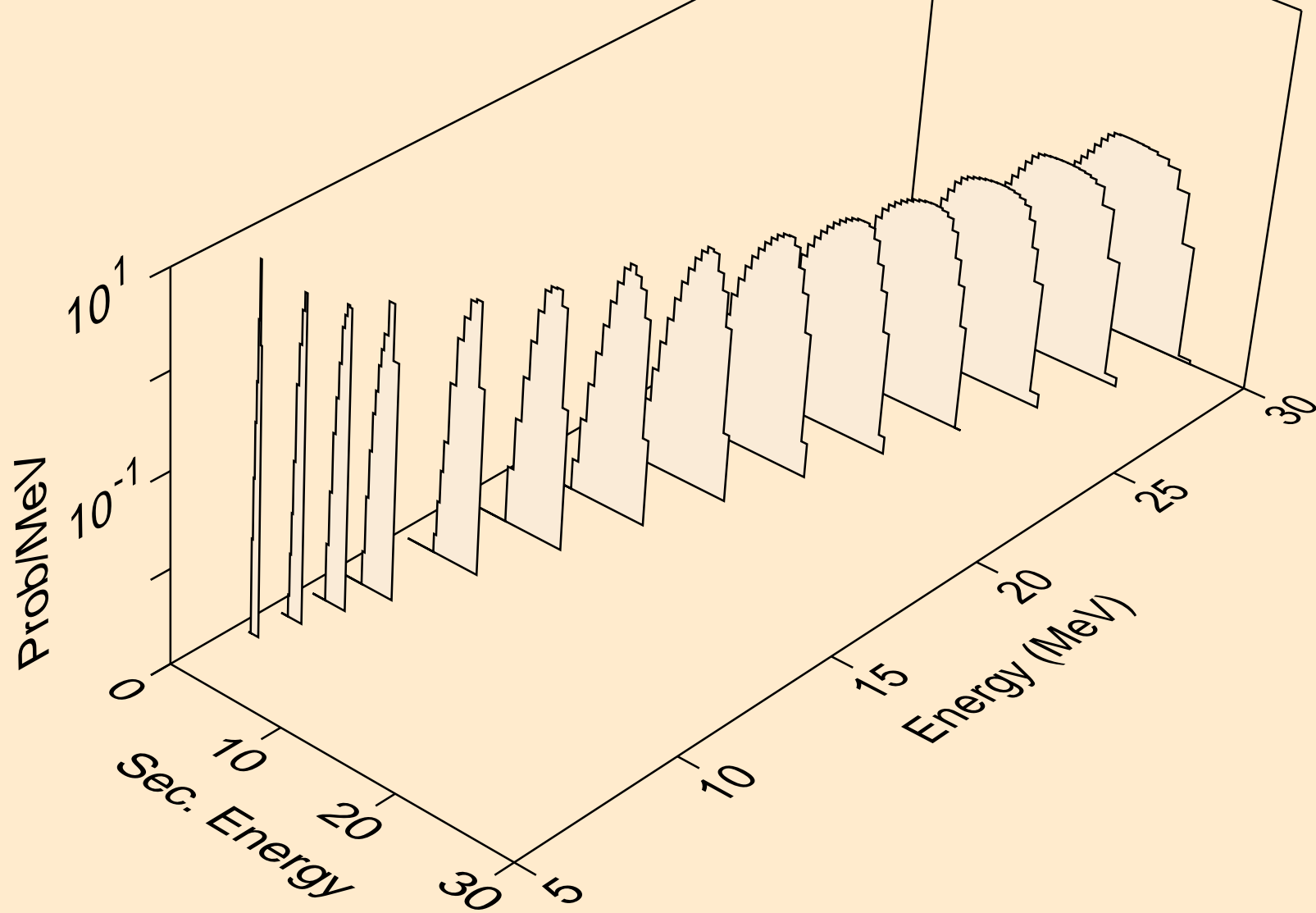
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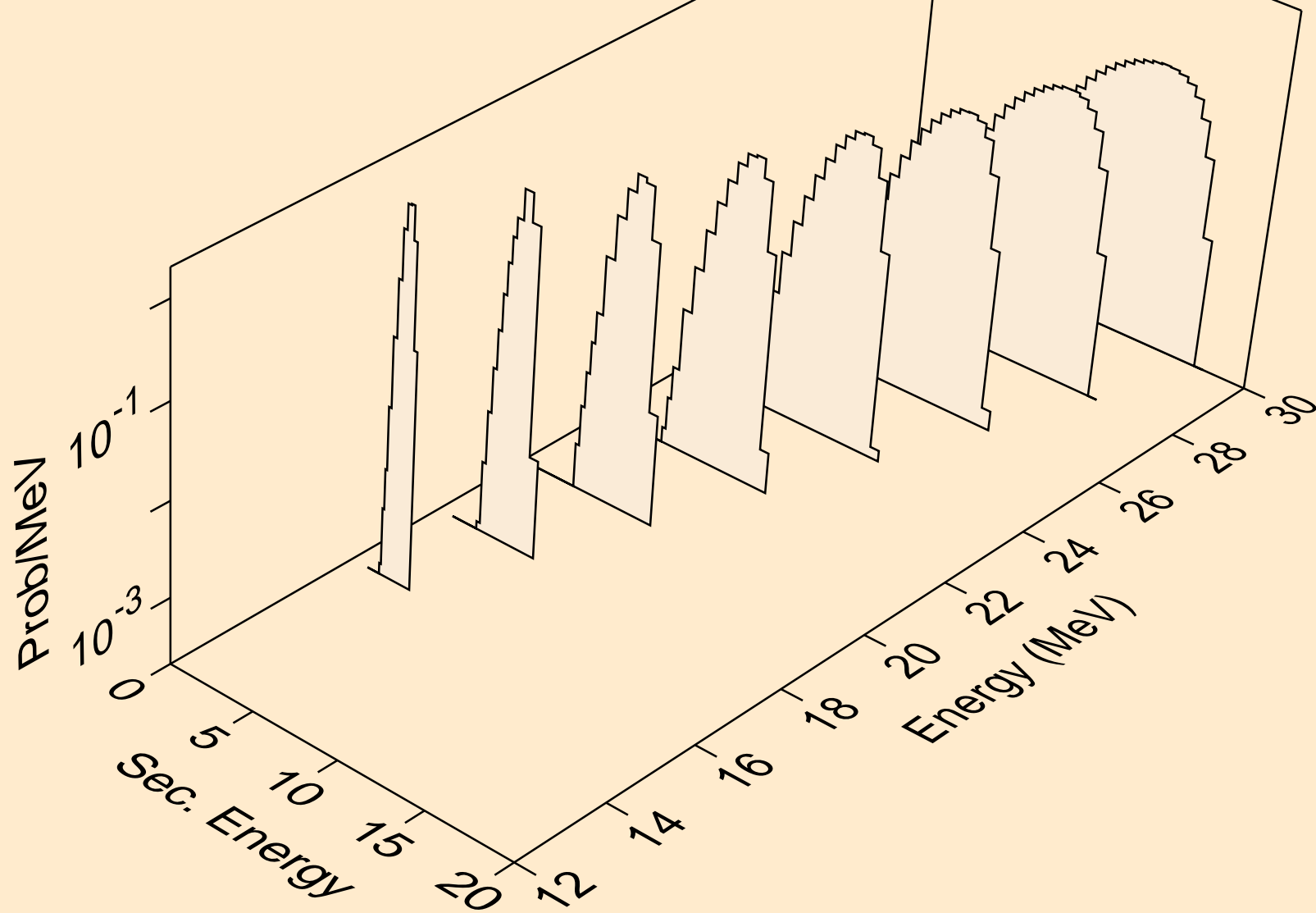
PT199M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



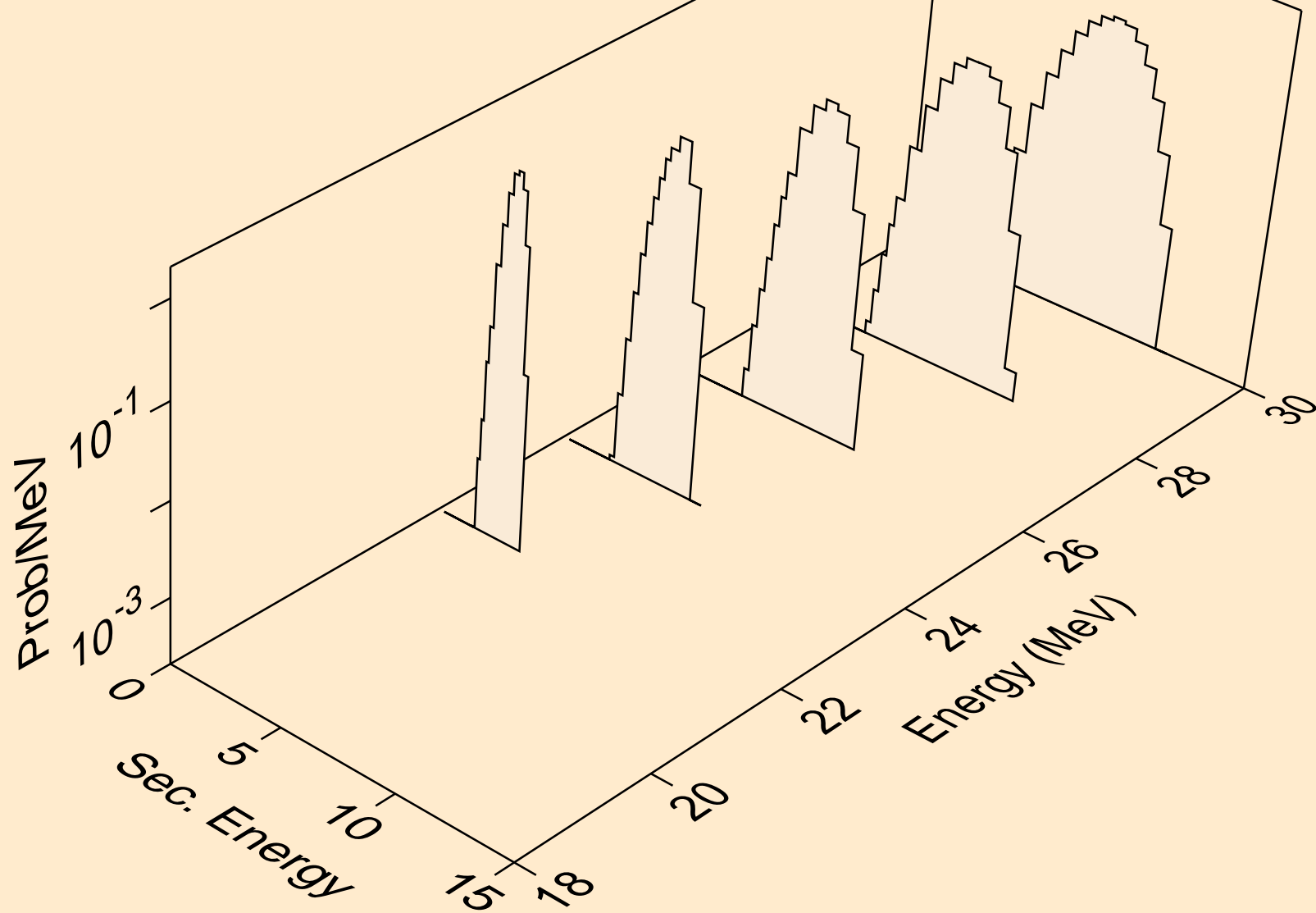
PT199M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



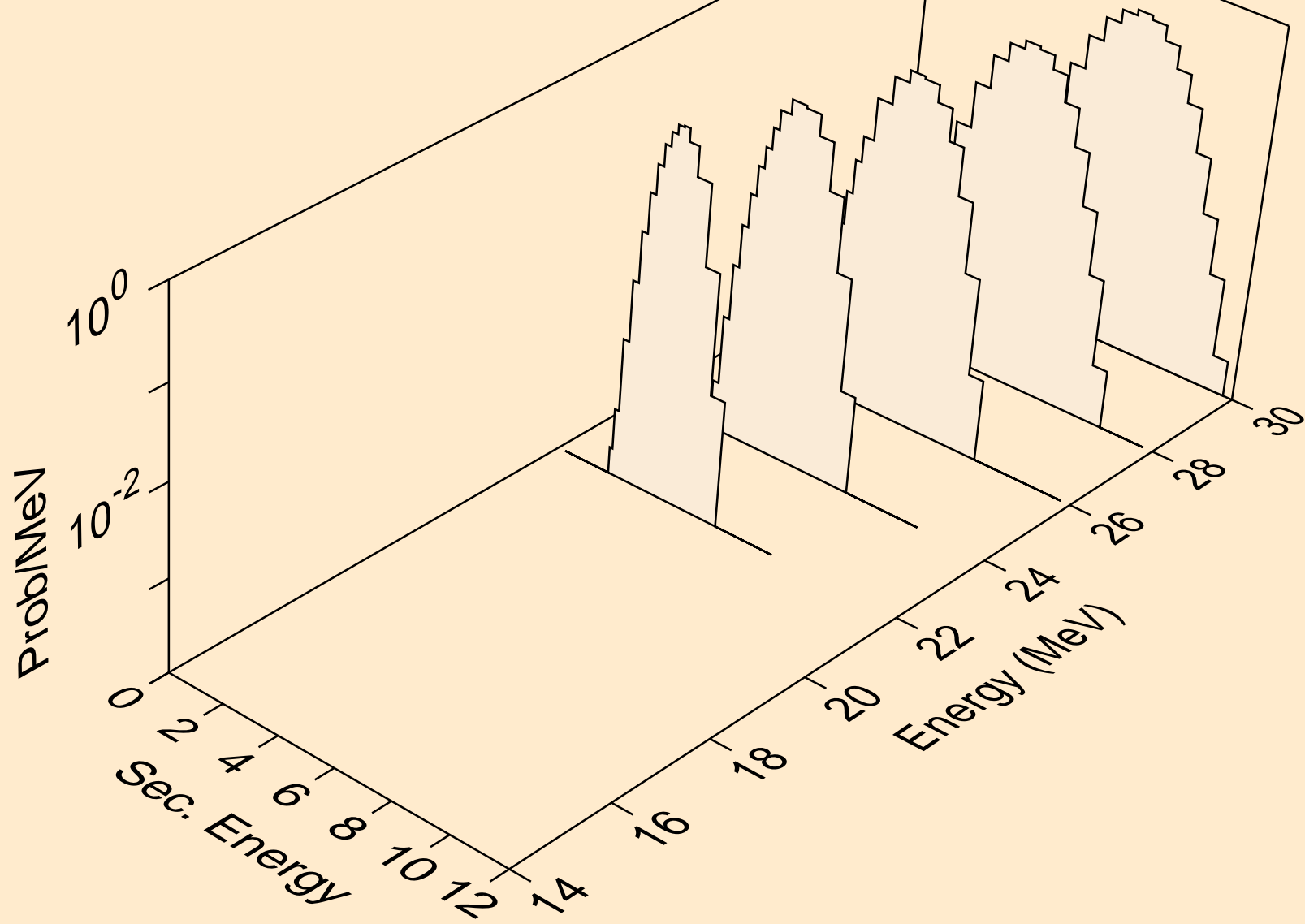
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Proton emission for (p,2np)



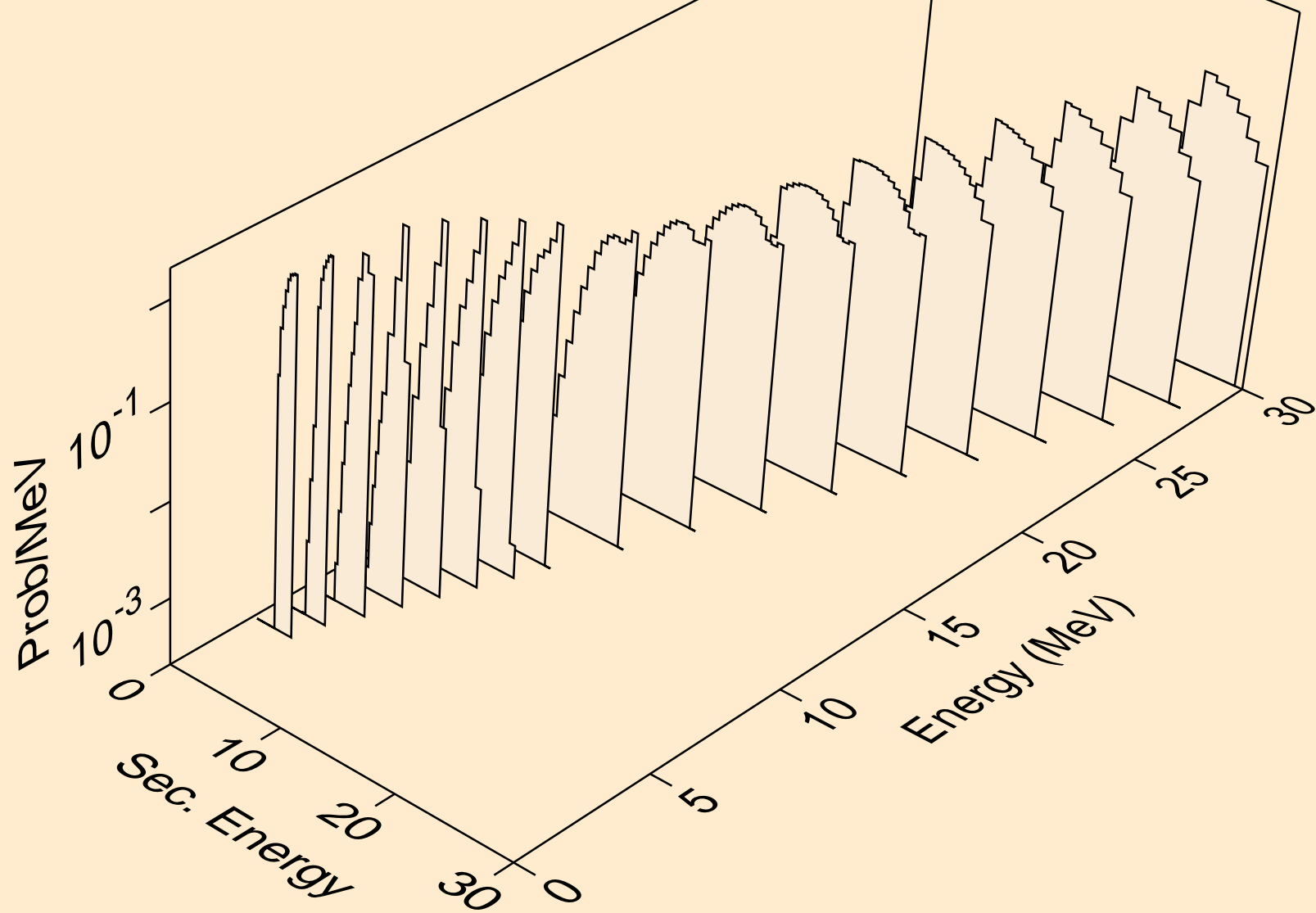
PT199M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,3np)



PT199M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)

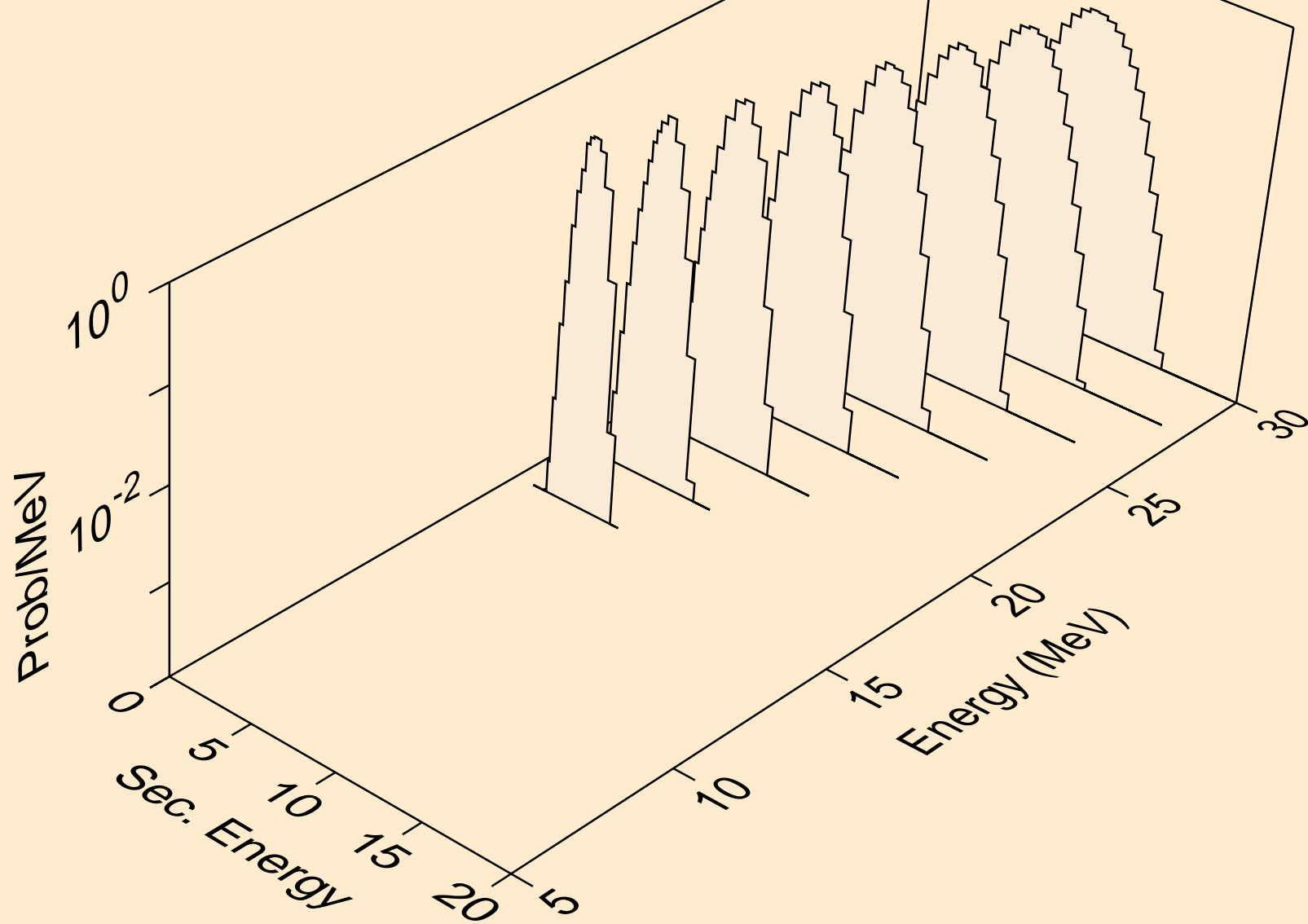


PT199M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic

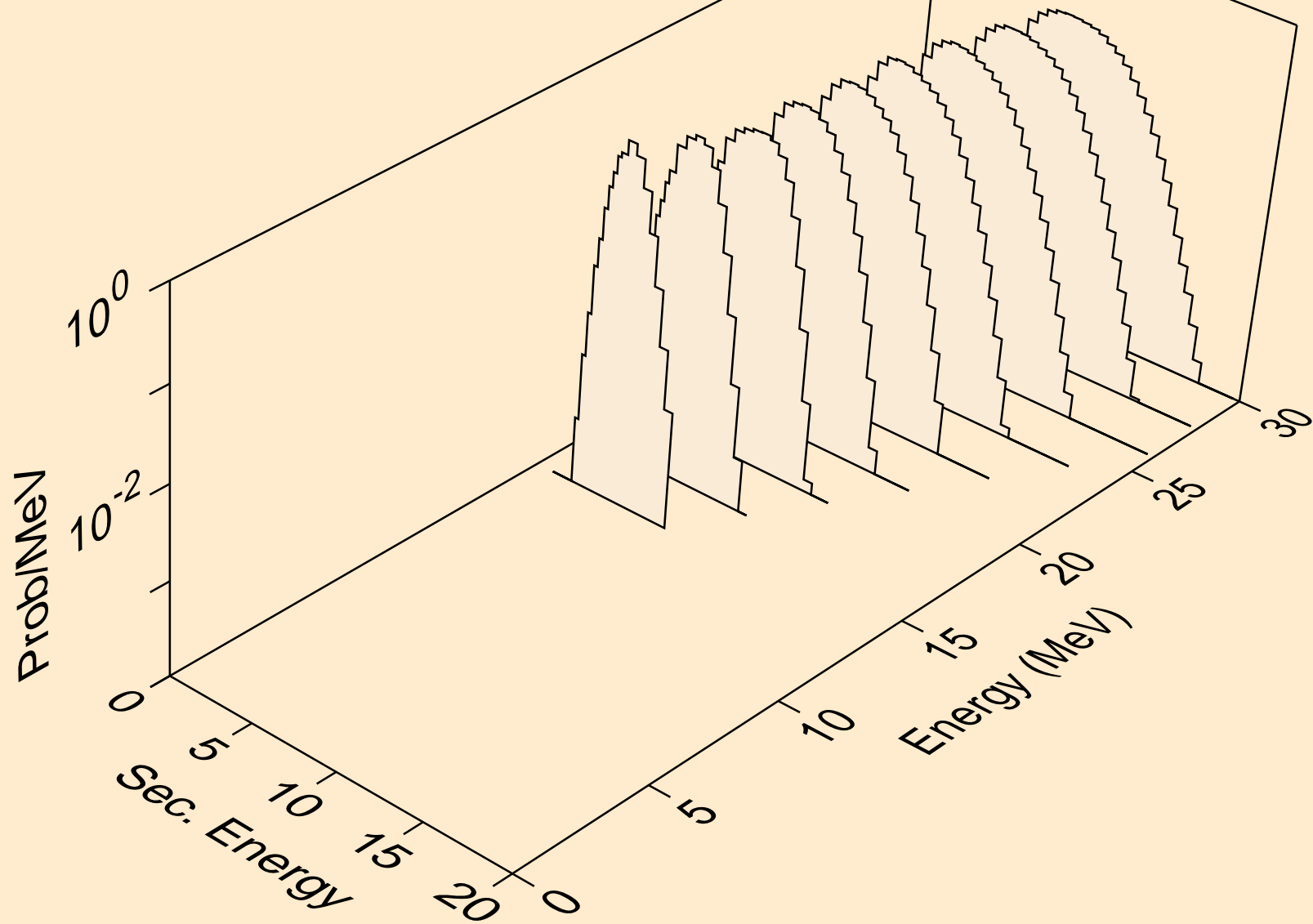




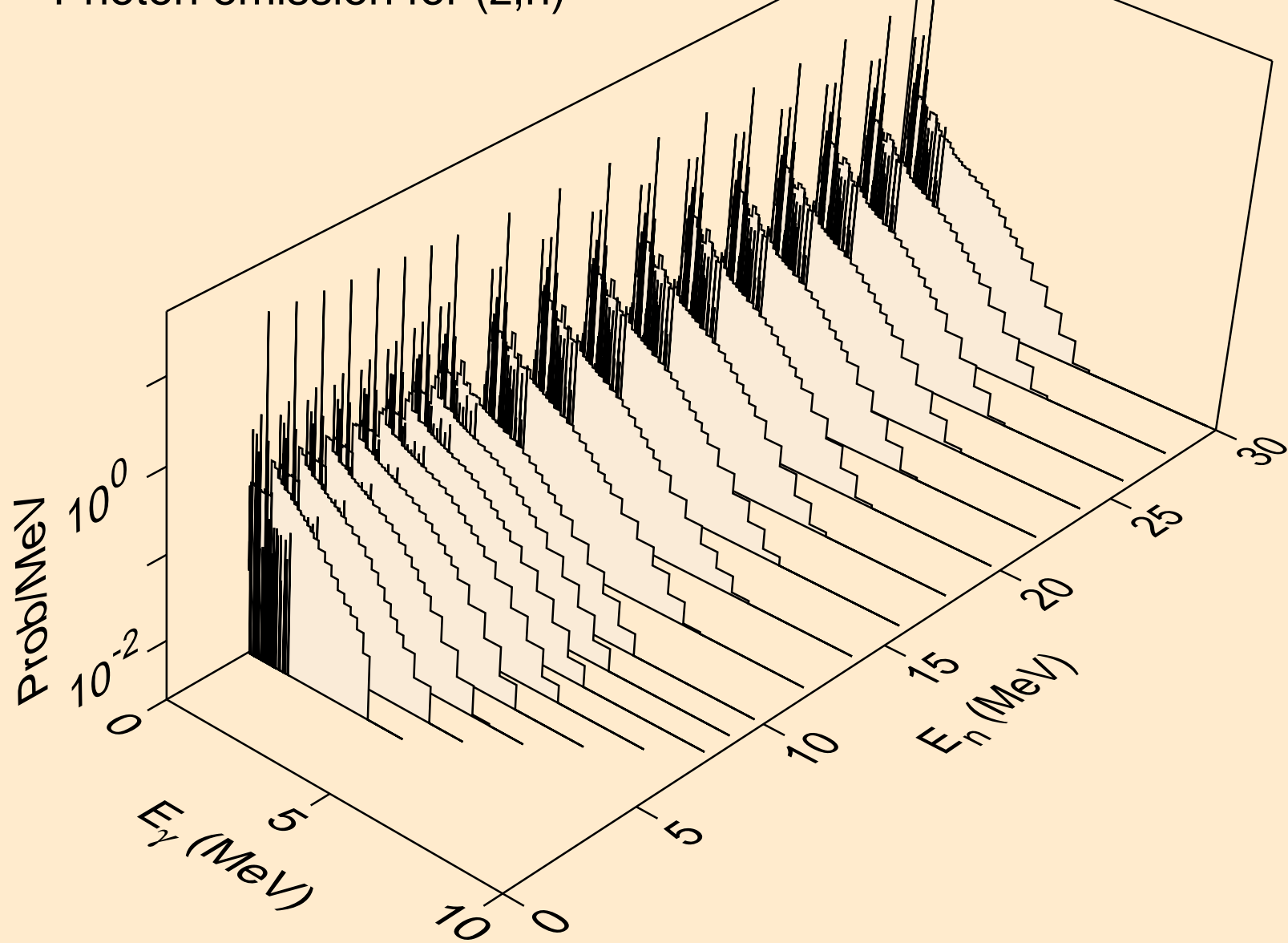
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Proton emission for (p,2p)



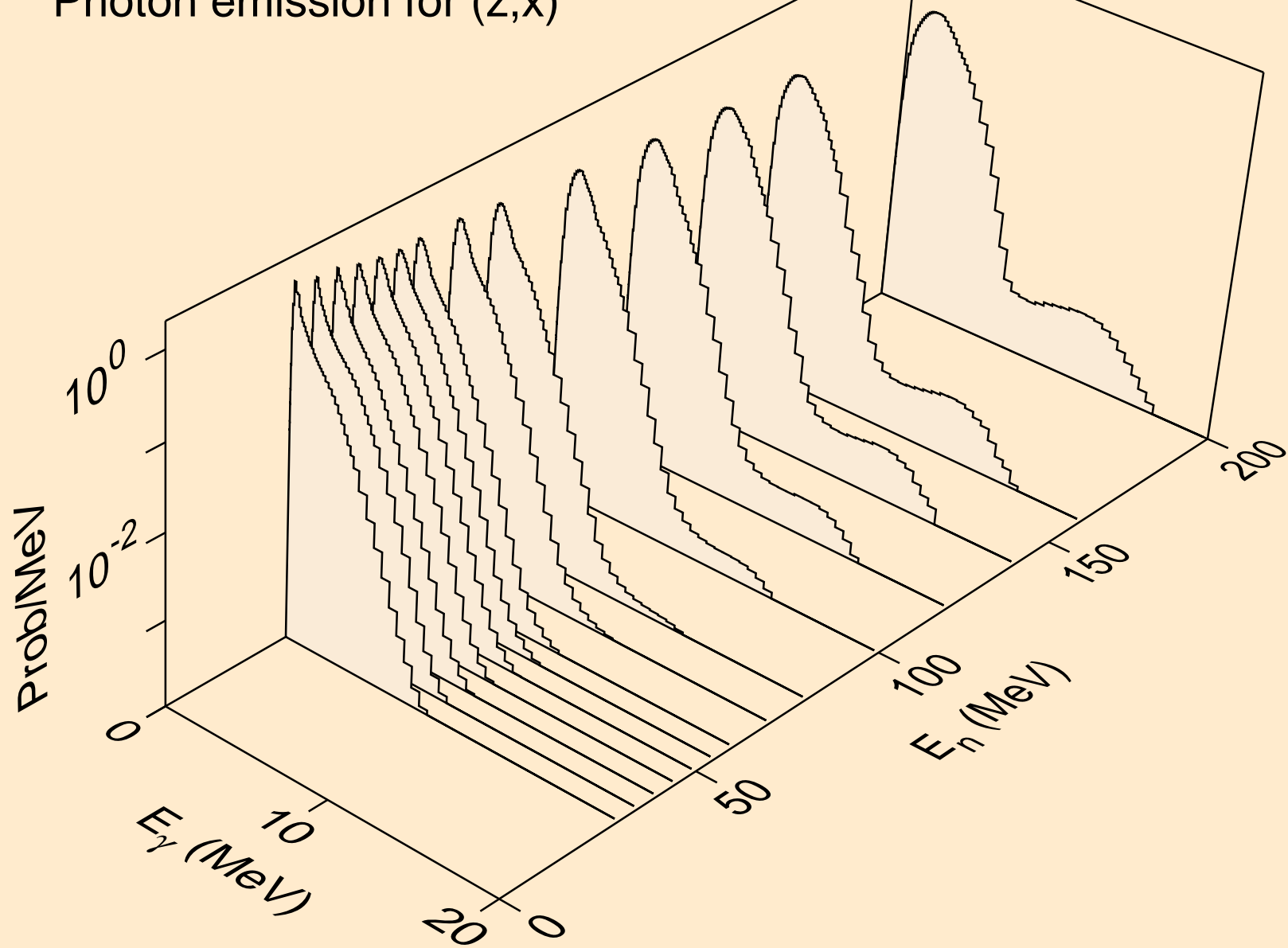
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Proton emission for (p,pa)



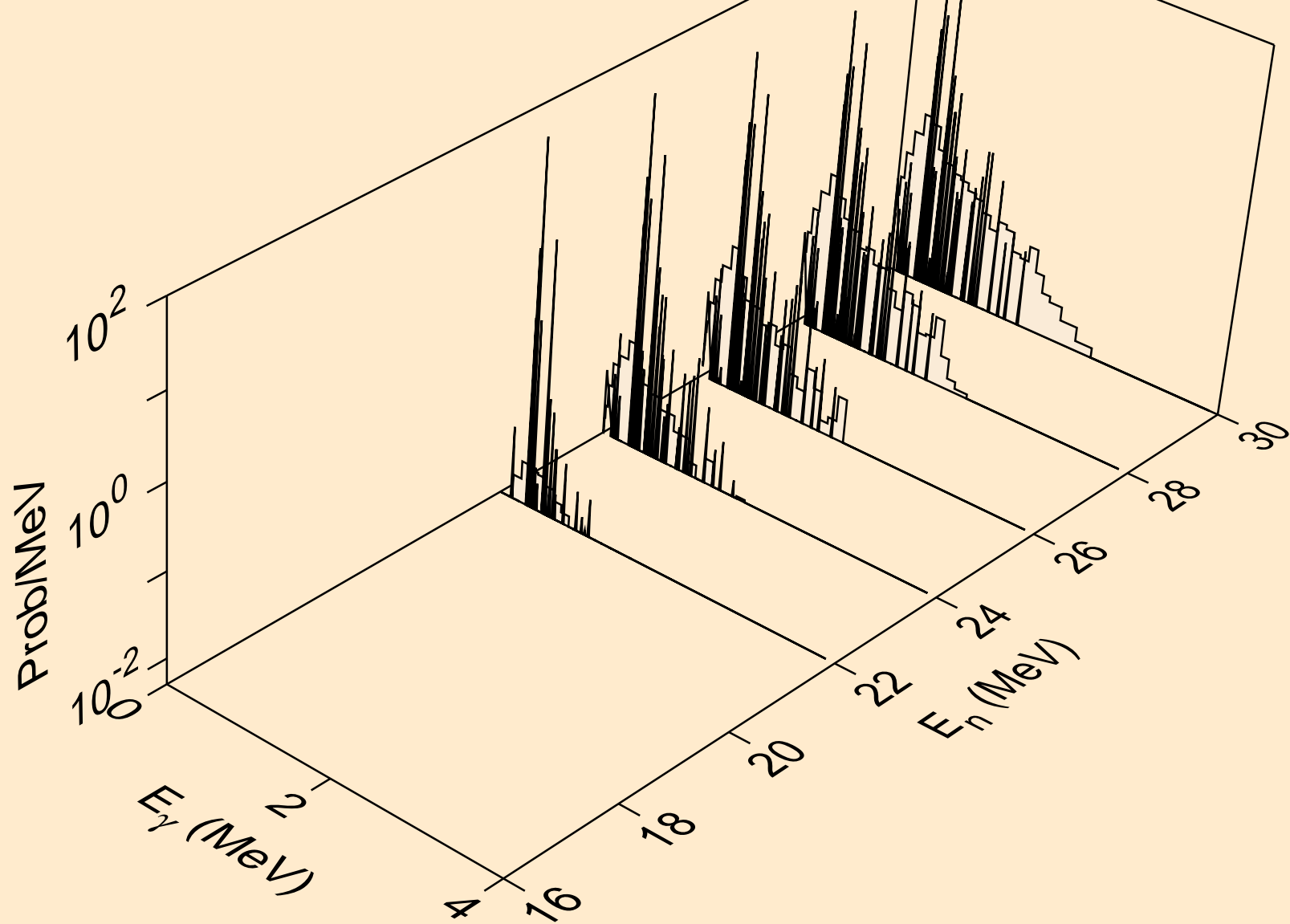
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Photon emission for (z,n)



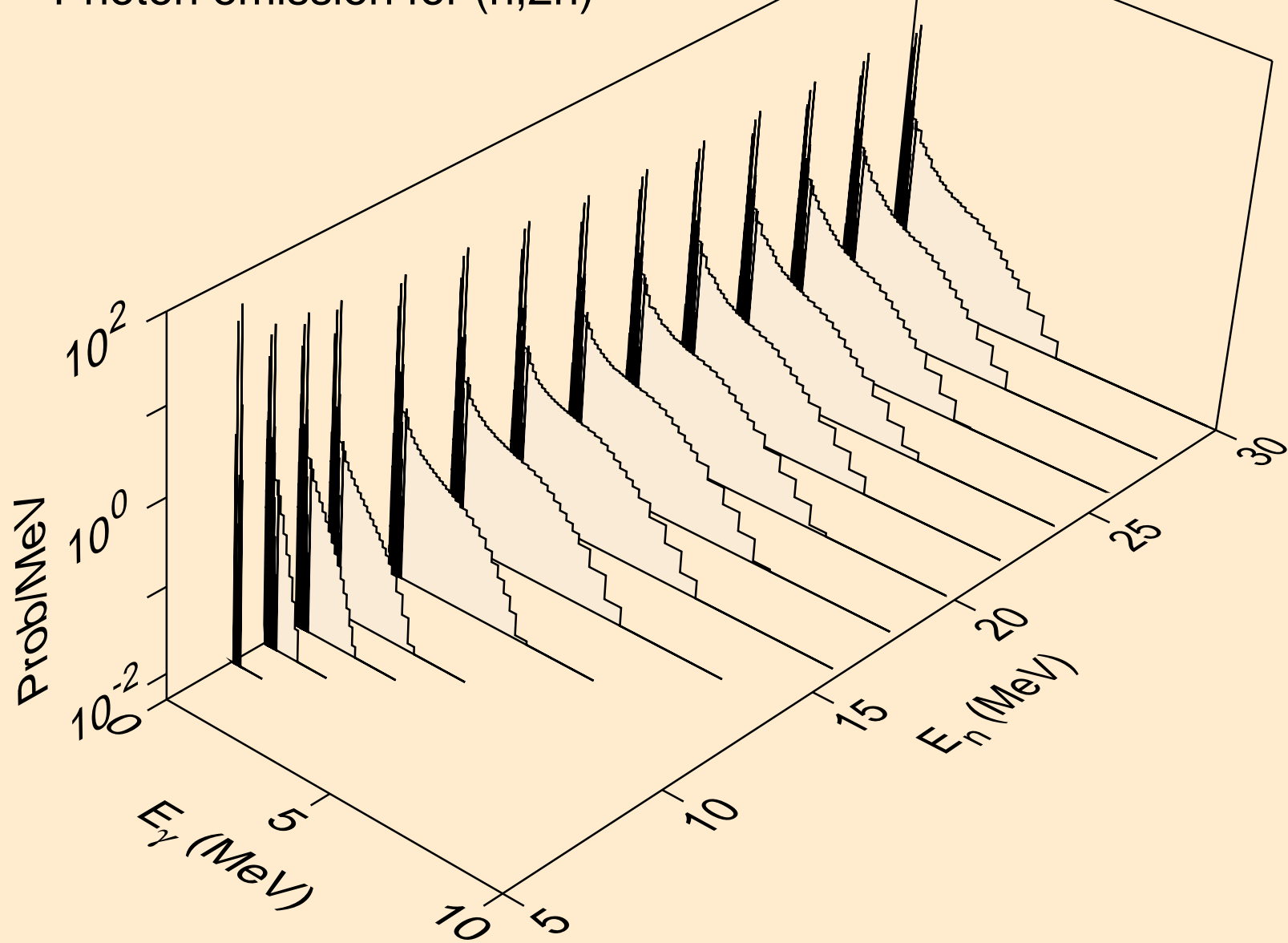
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Photon emission for (z,x)



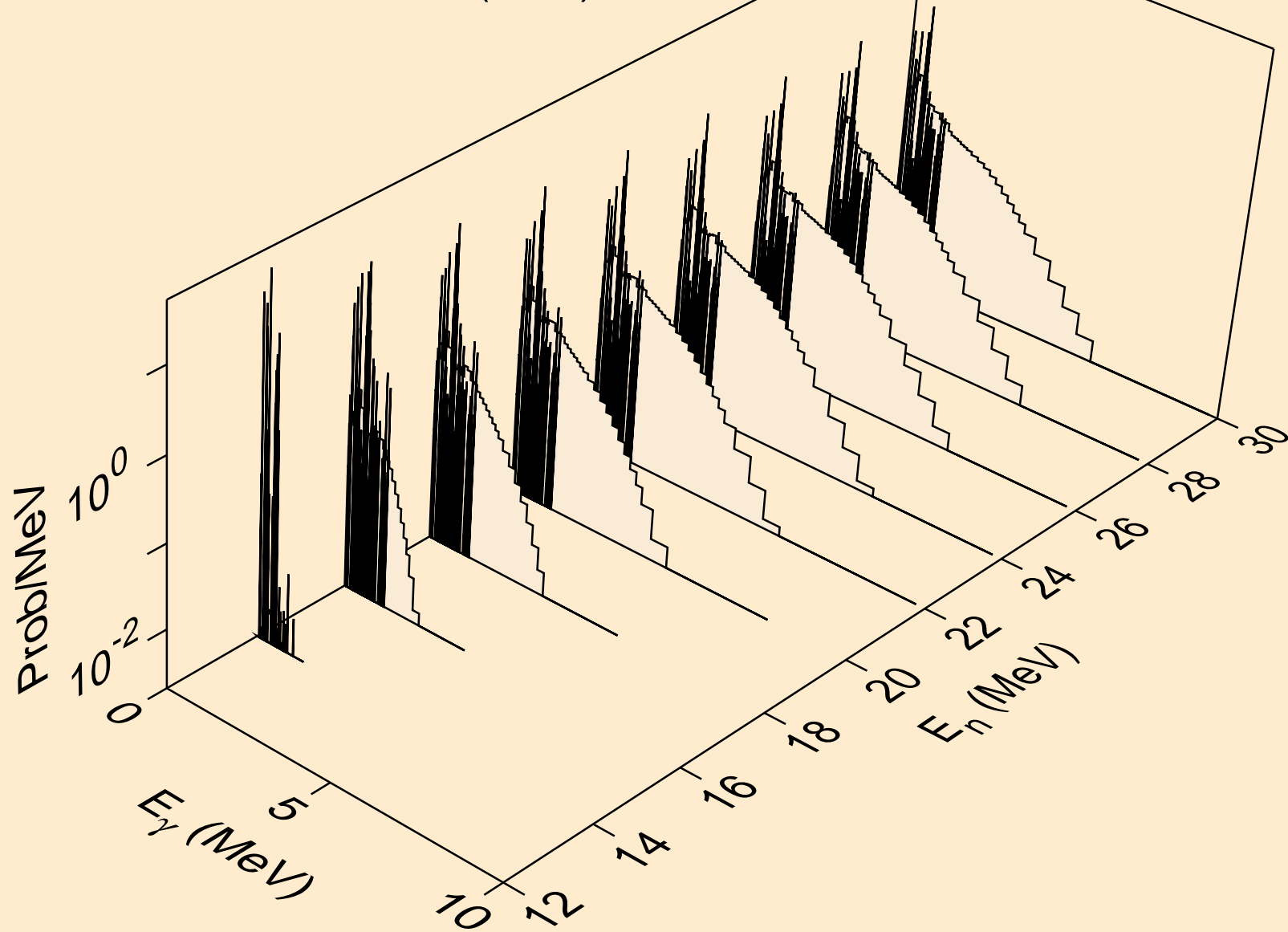
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Photon emission for (n,2nd)



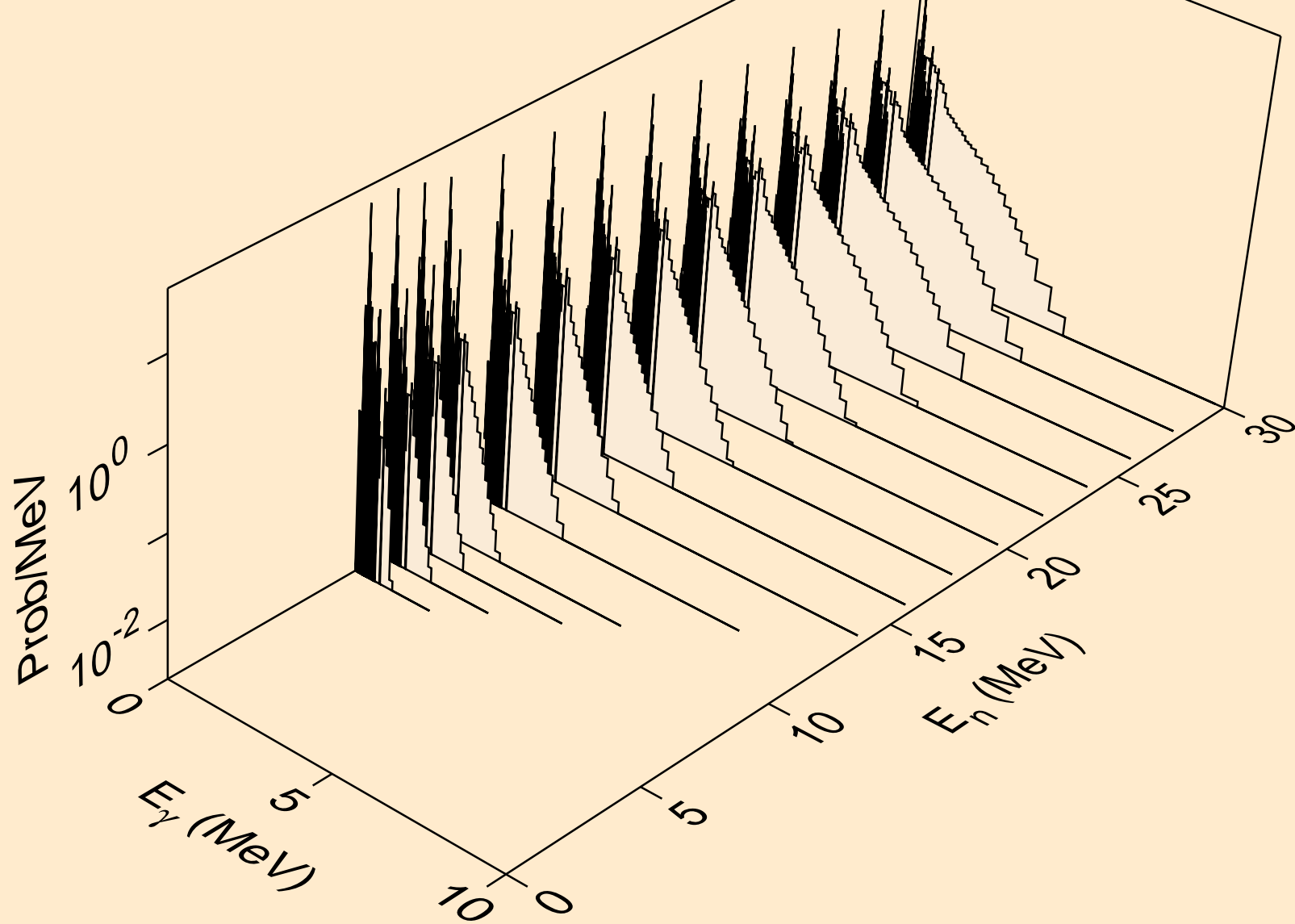
PT199M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



PT199M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)

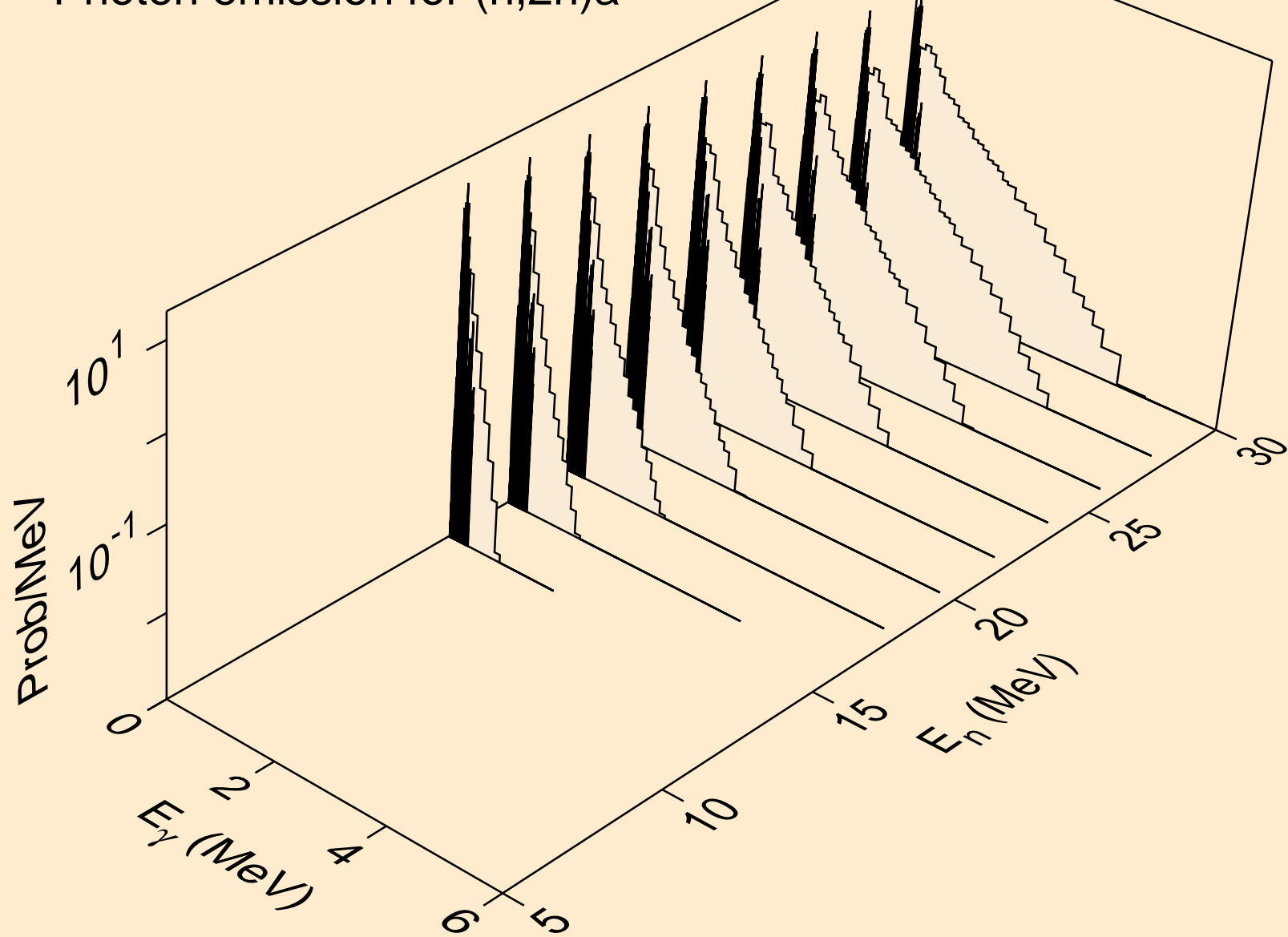


PT199M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

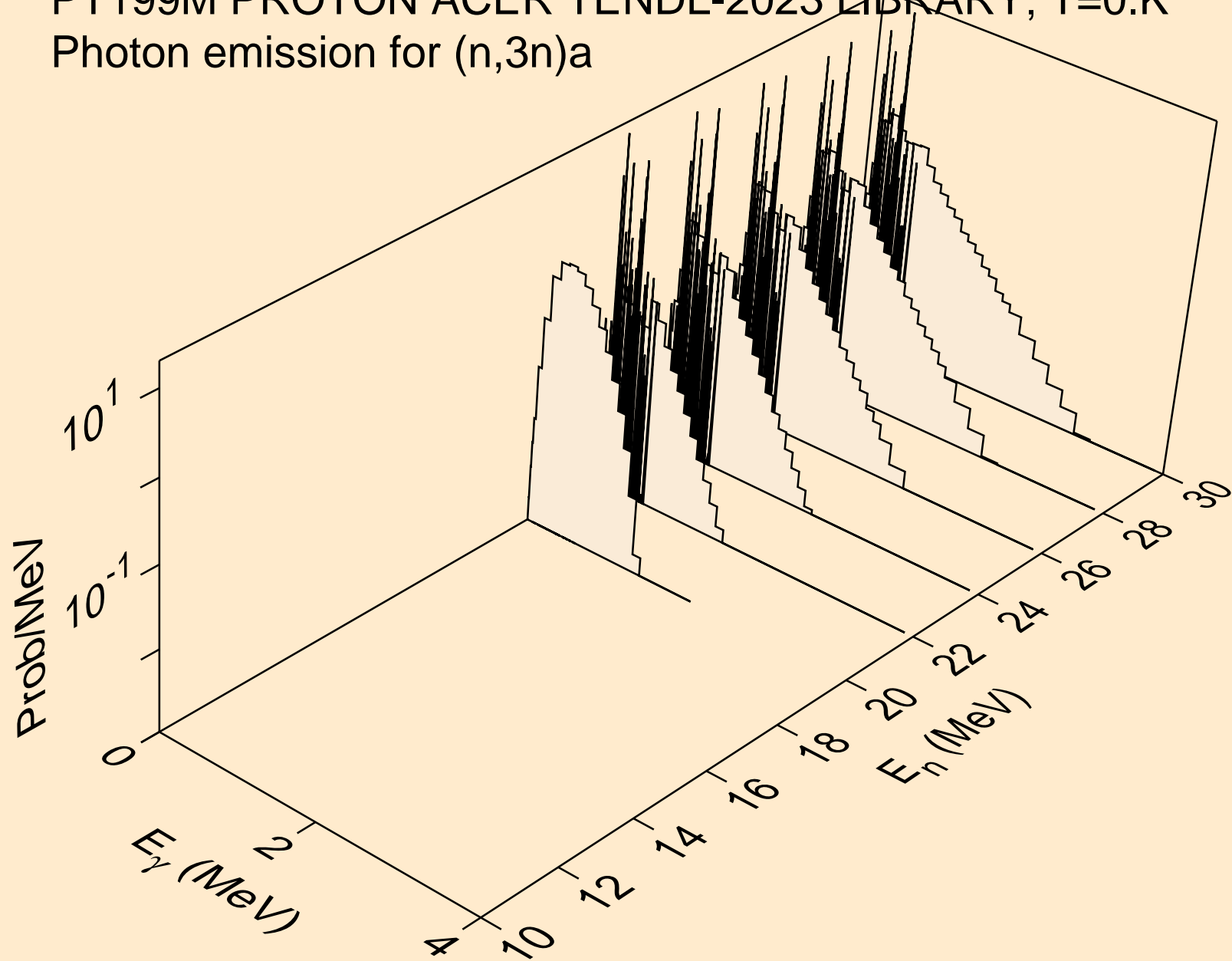




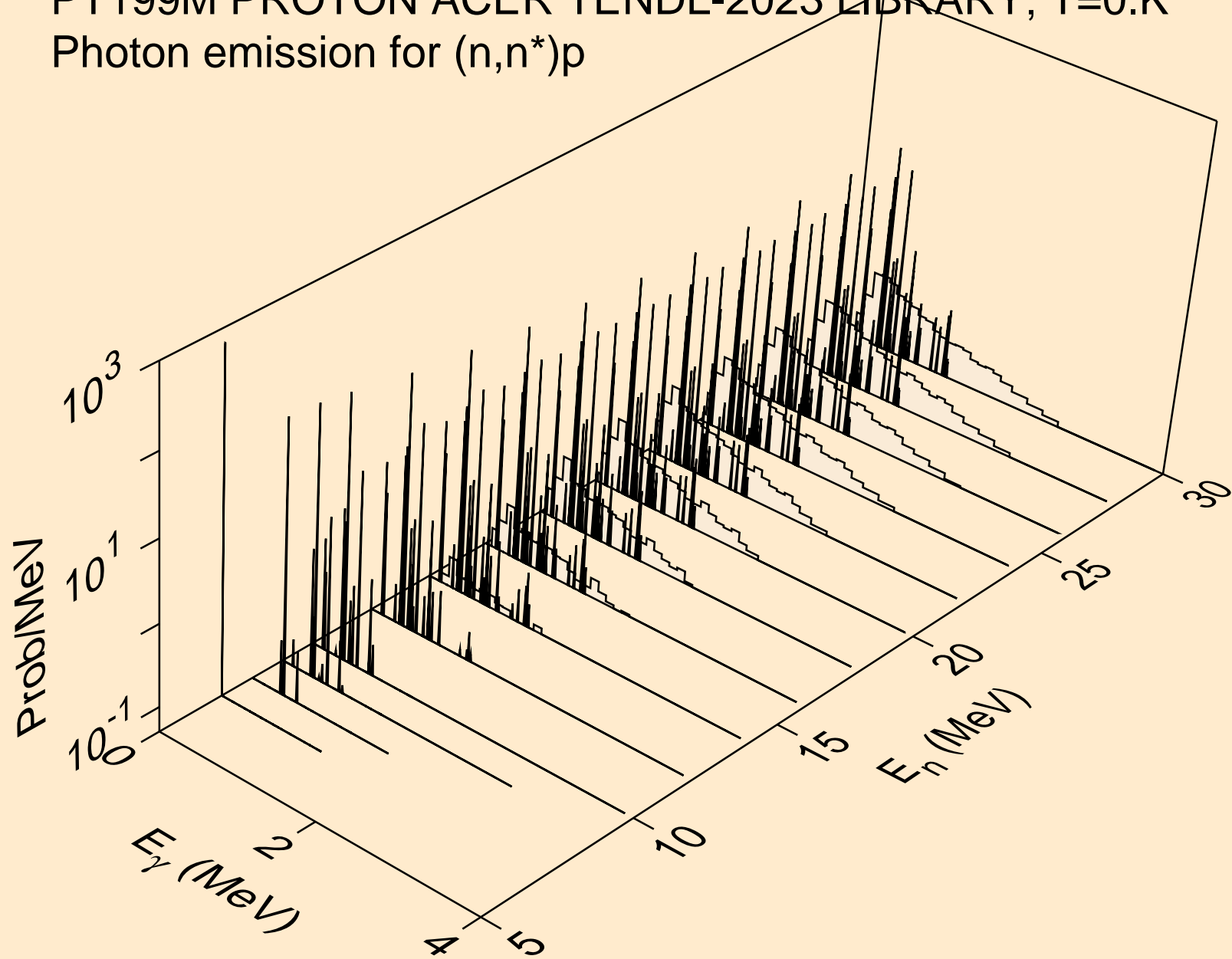
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Photon emission for (n,2n)a



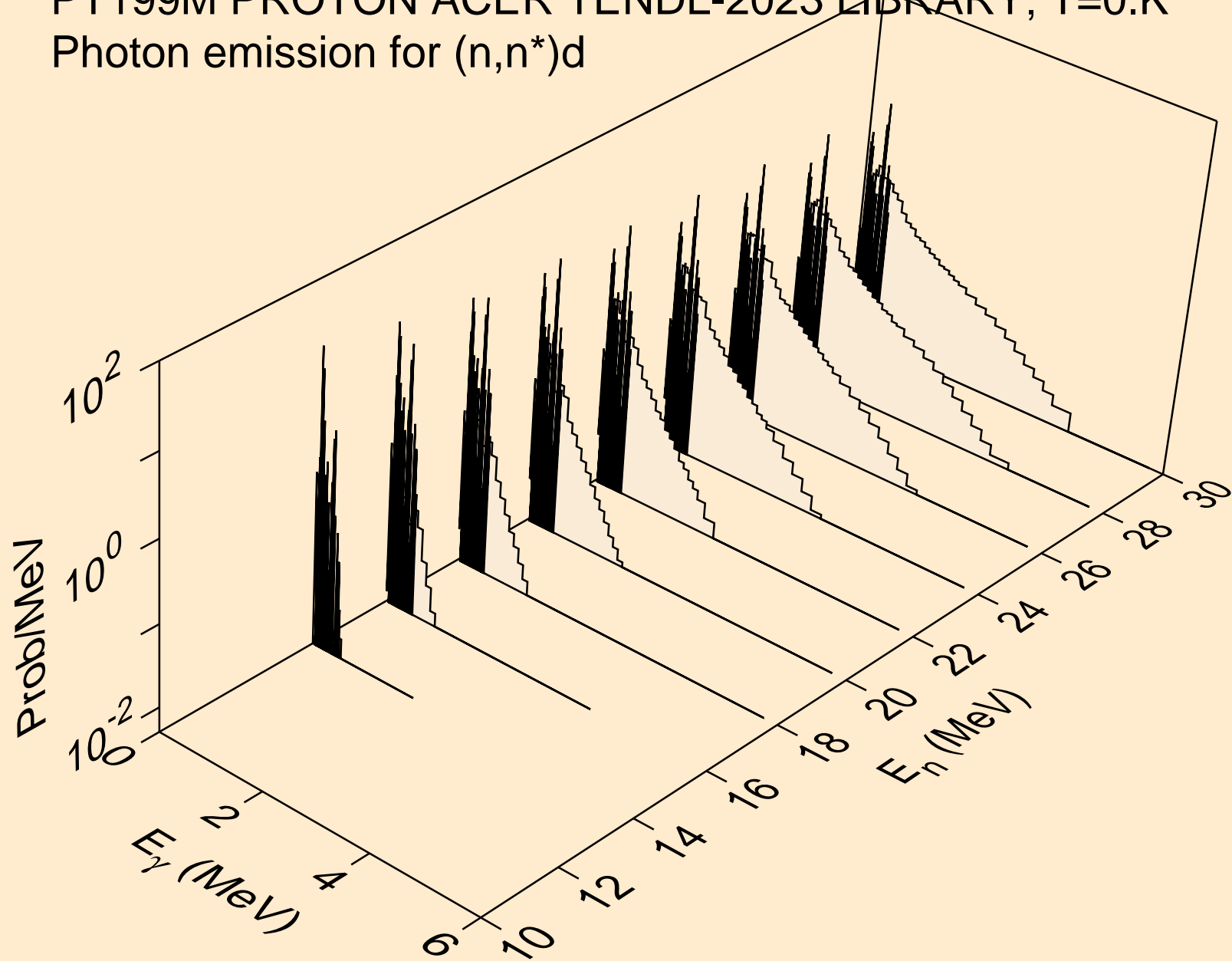
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Photon emission for (n,3n)a



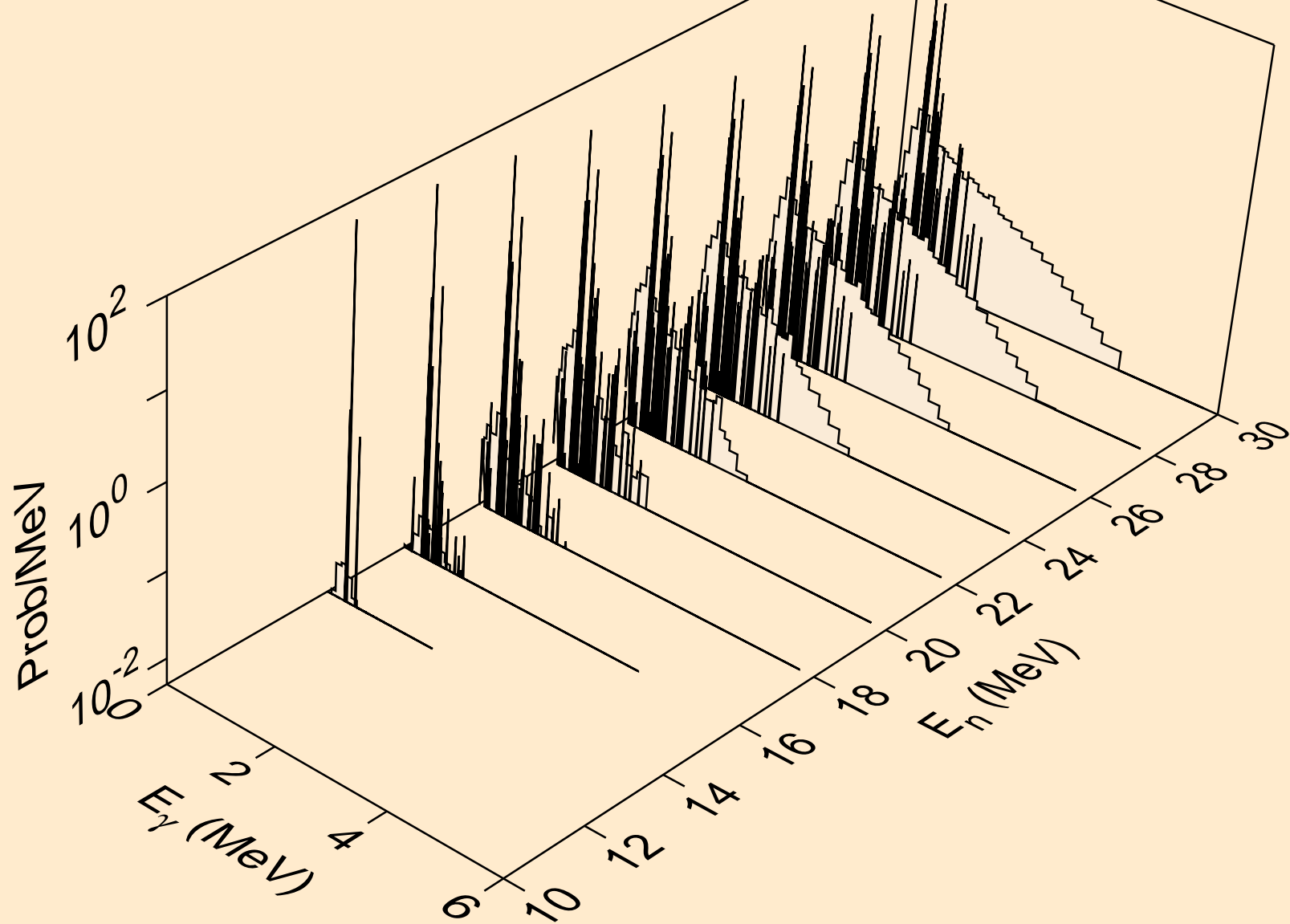
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Photon emission for (n,n\*)p



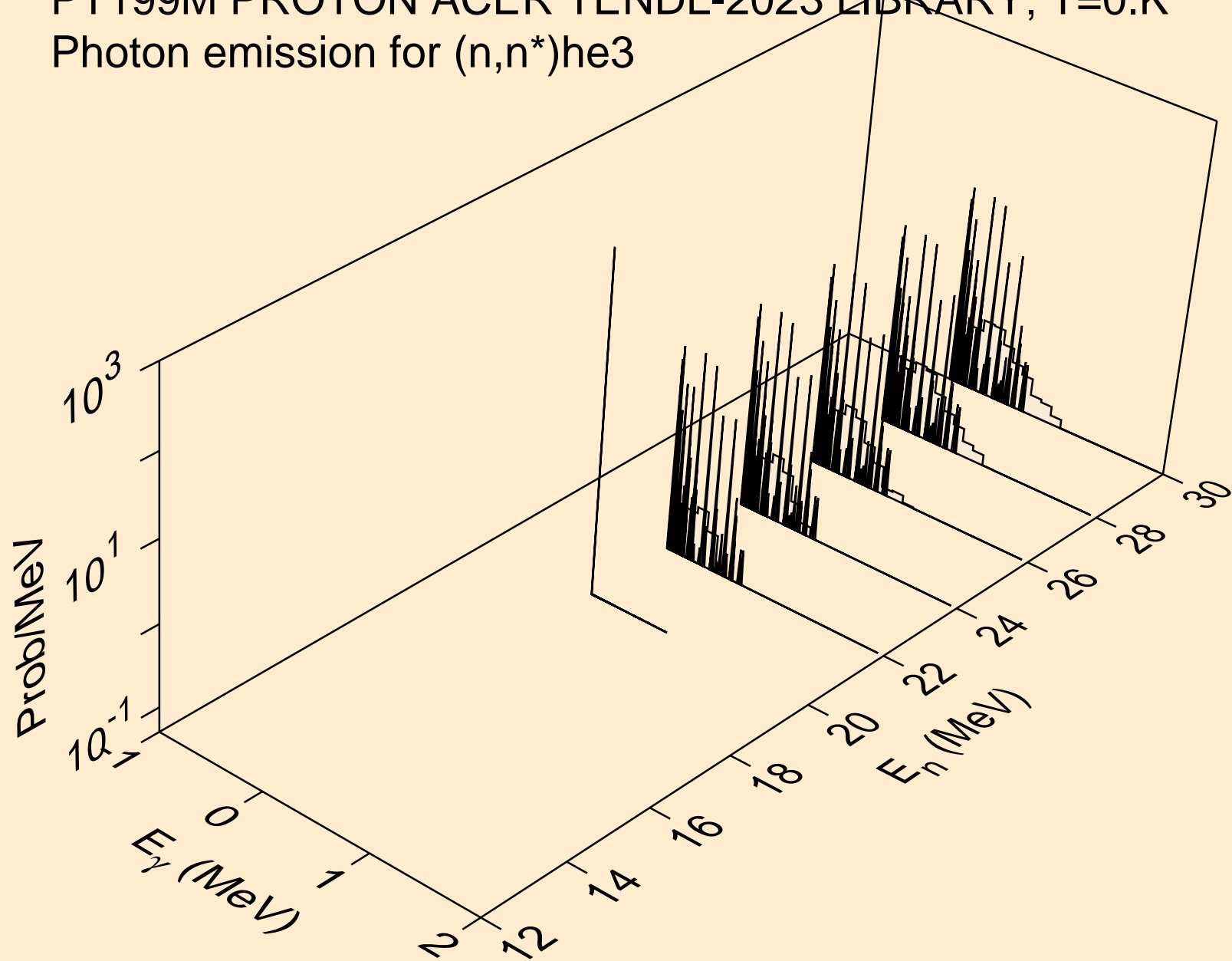
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Photon emission for (n,n\*)d



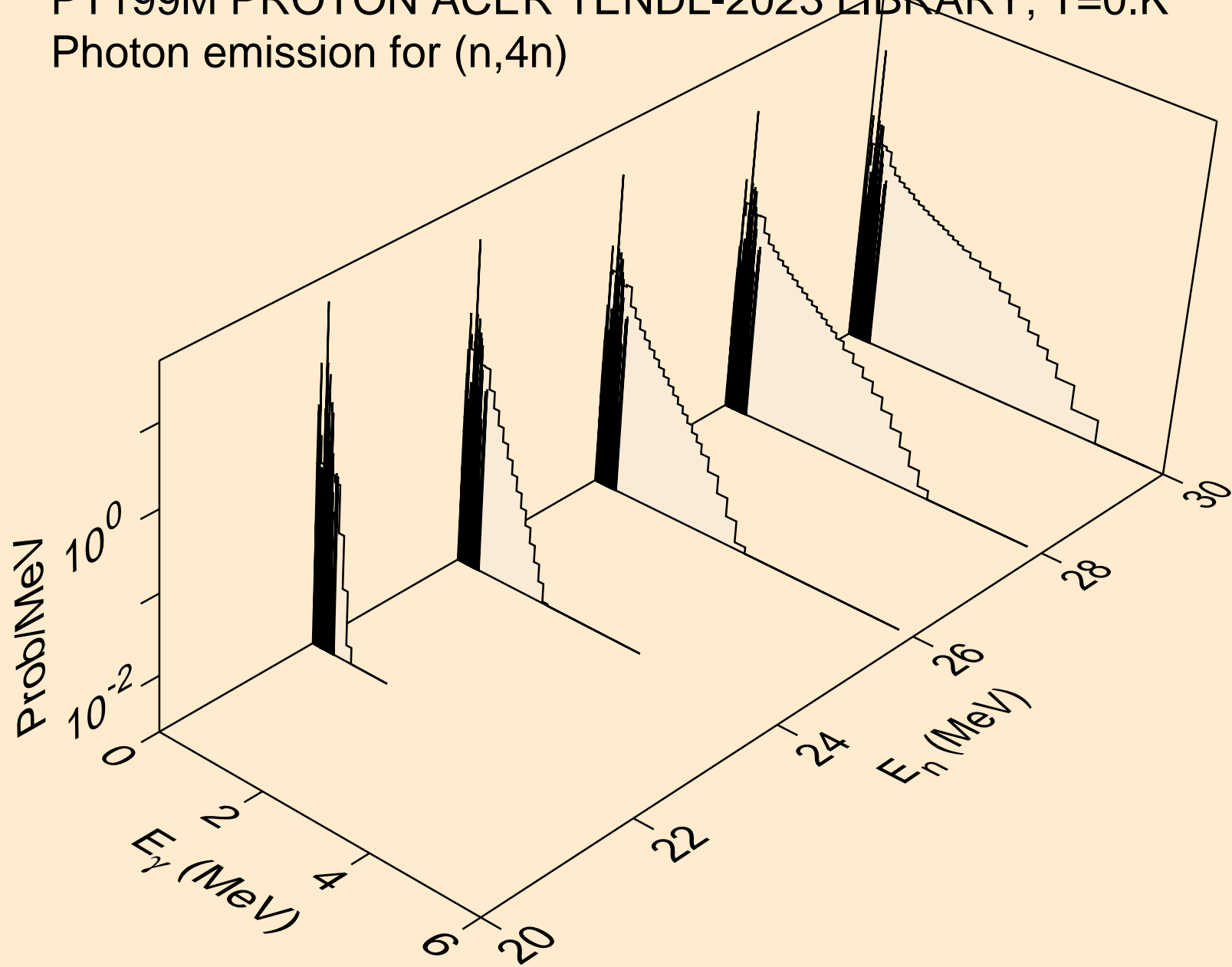
PT199M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



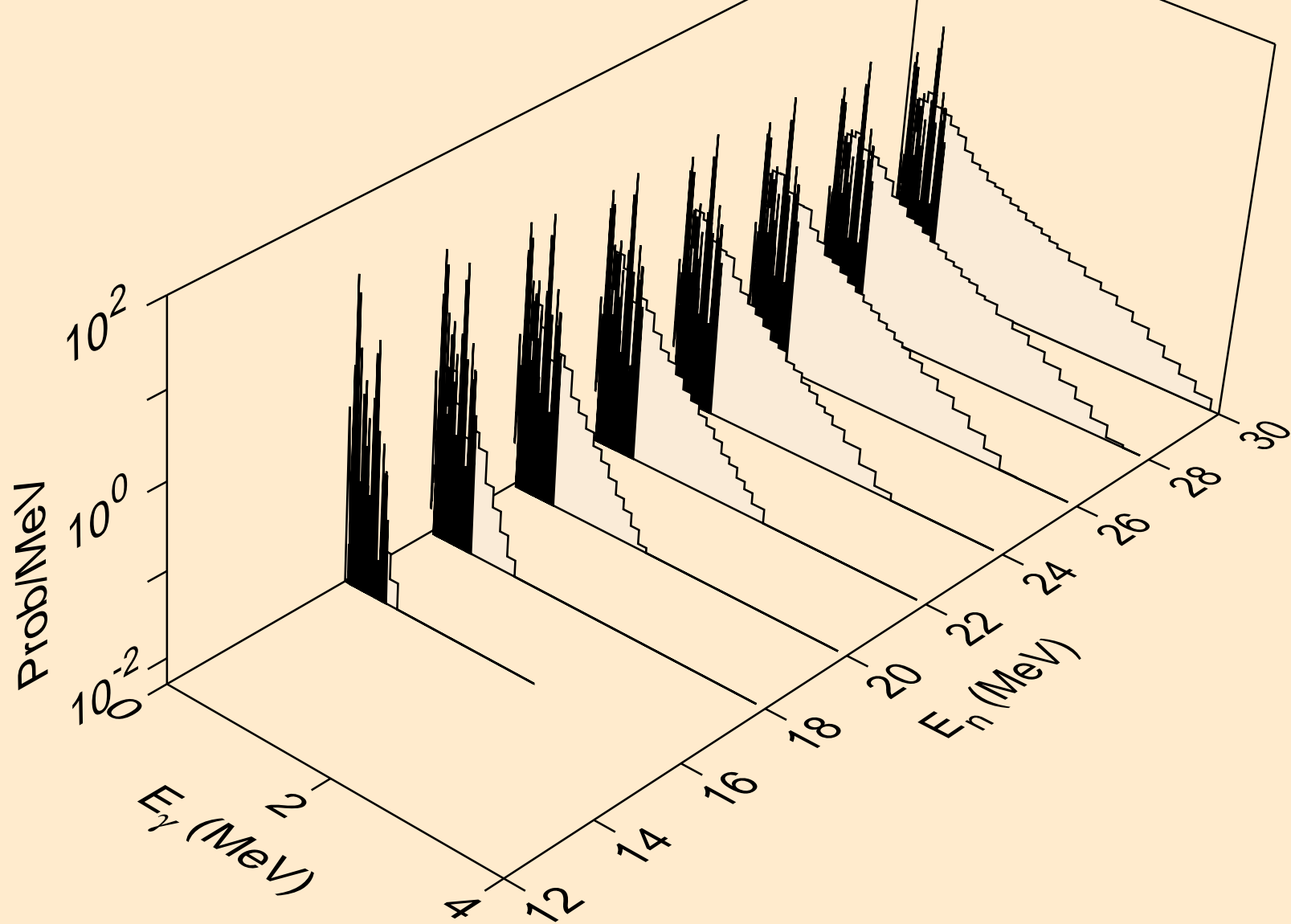
PT199M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



PT199M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)

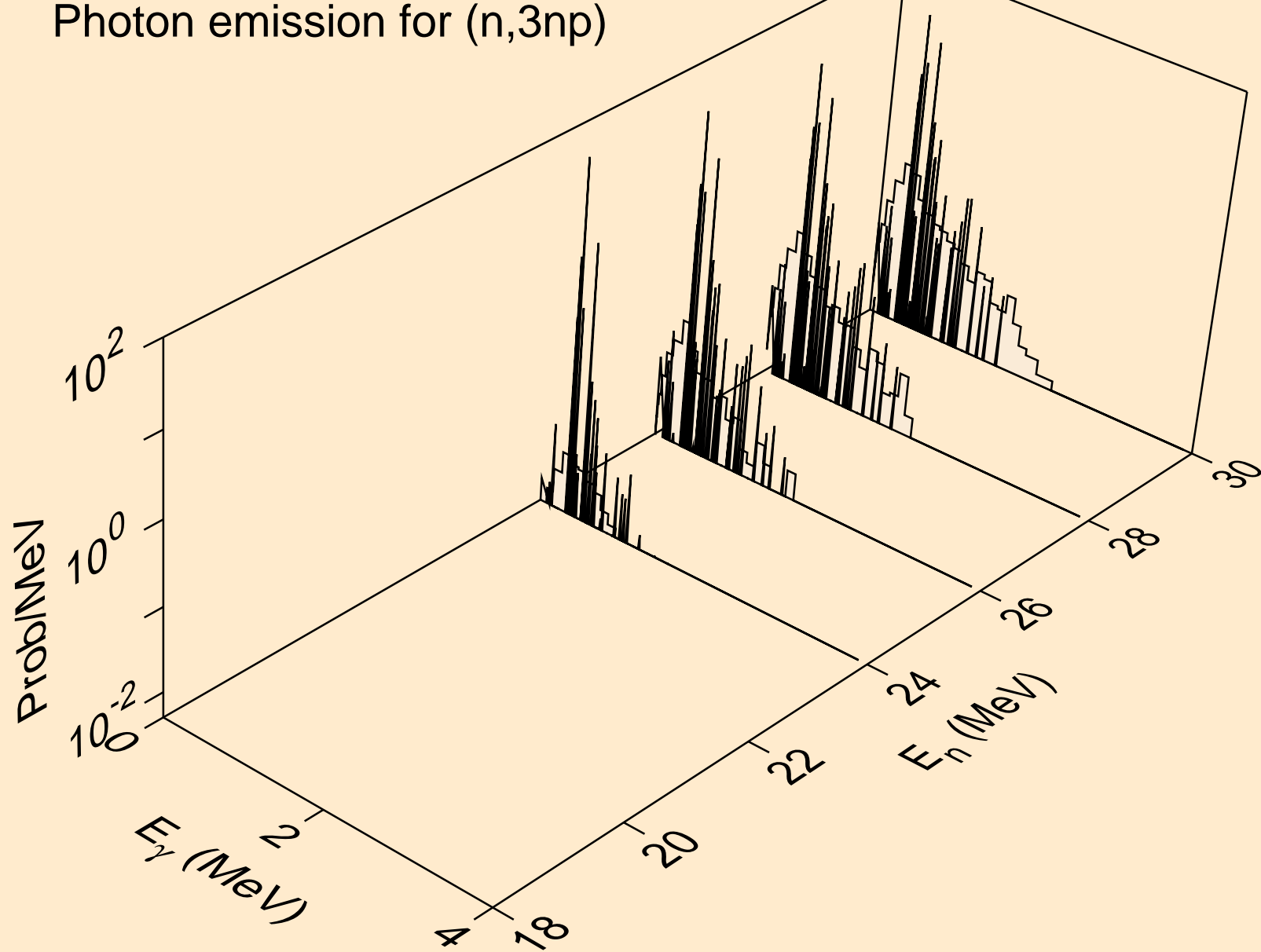


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Photon emission for (n,2np)

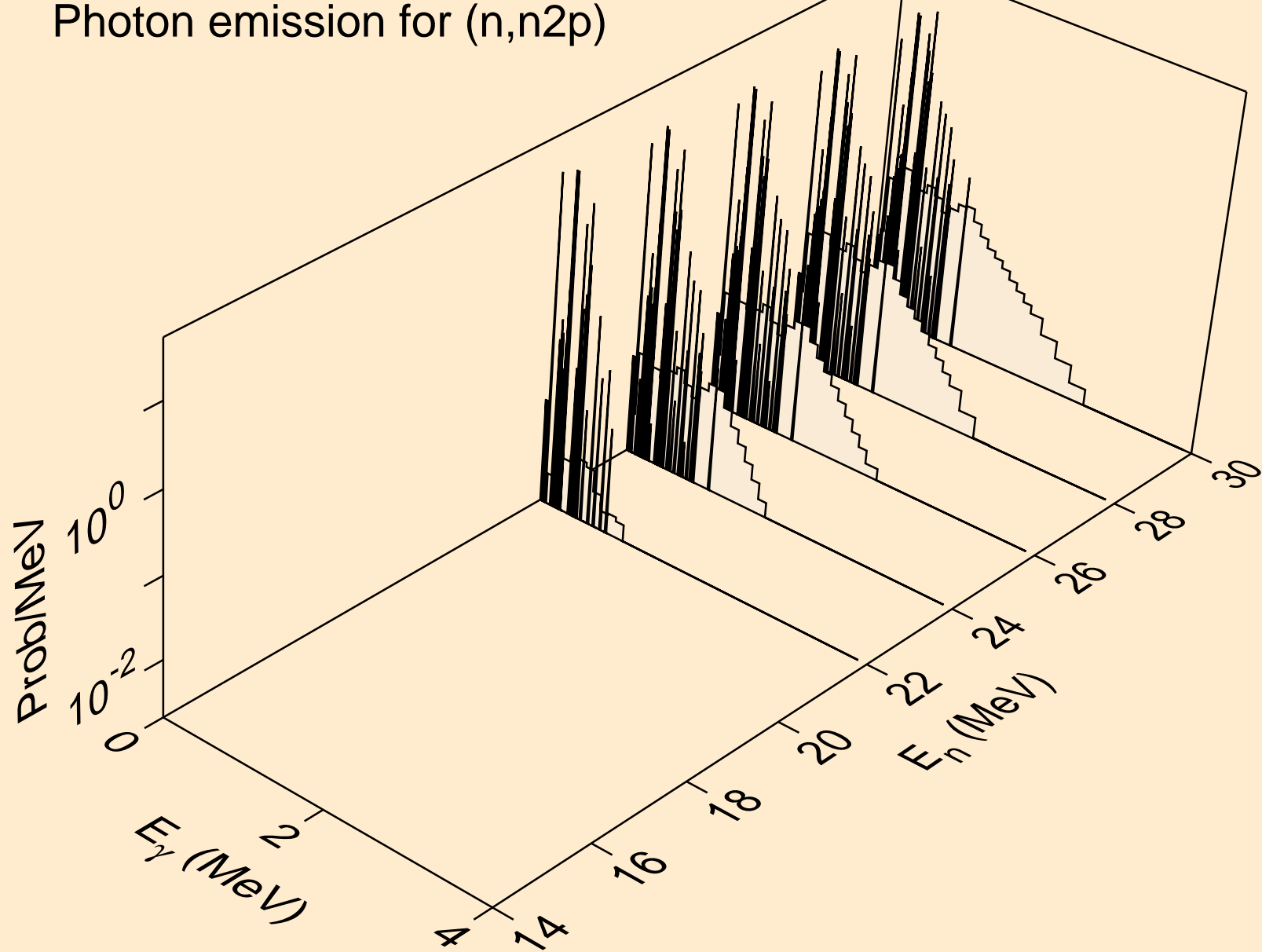




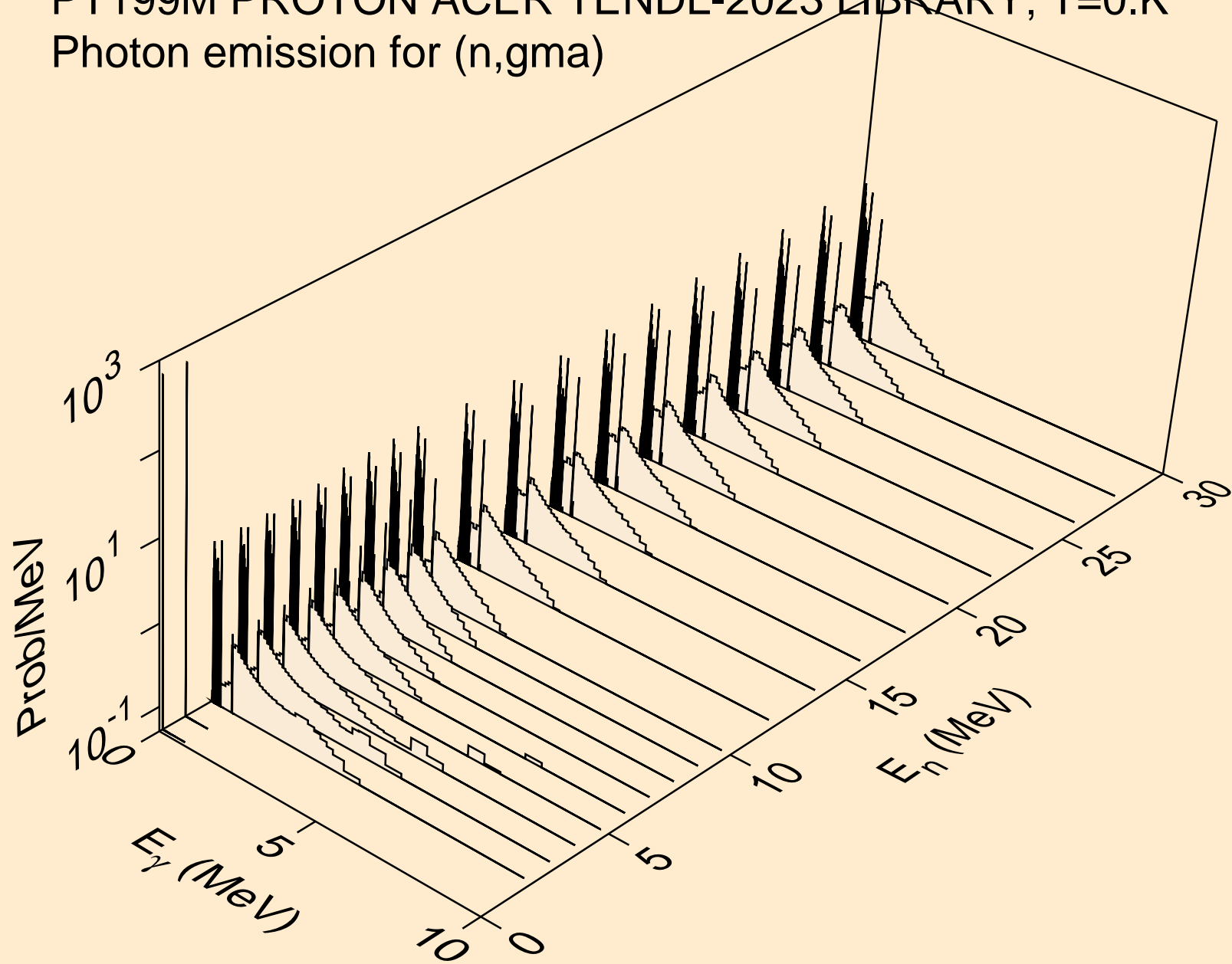
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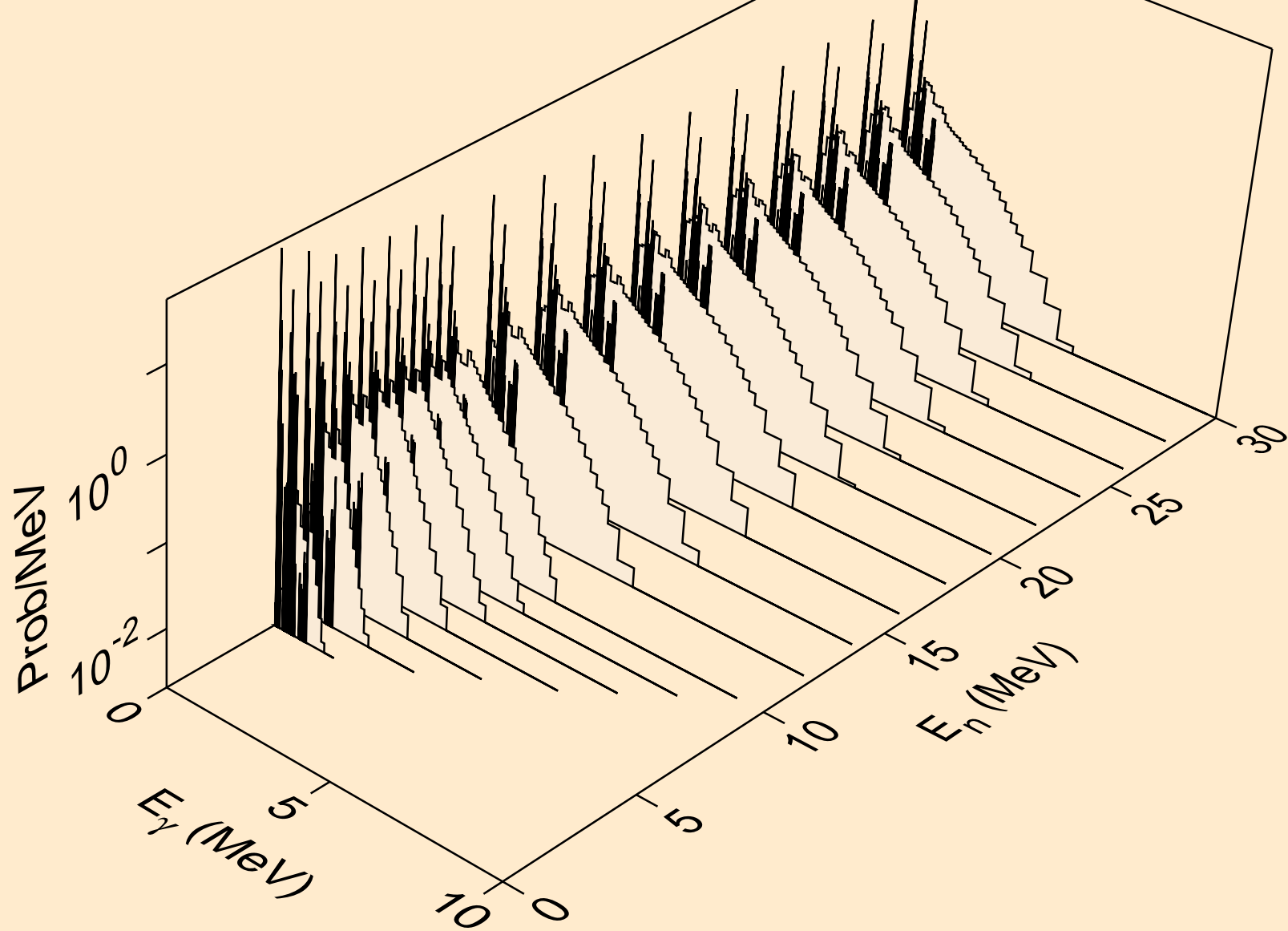
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Photon emission for (n,n2p)



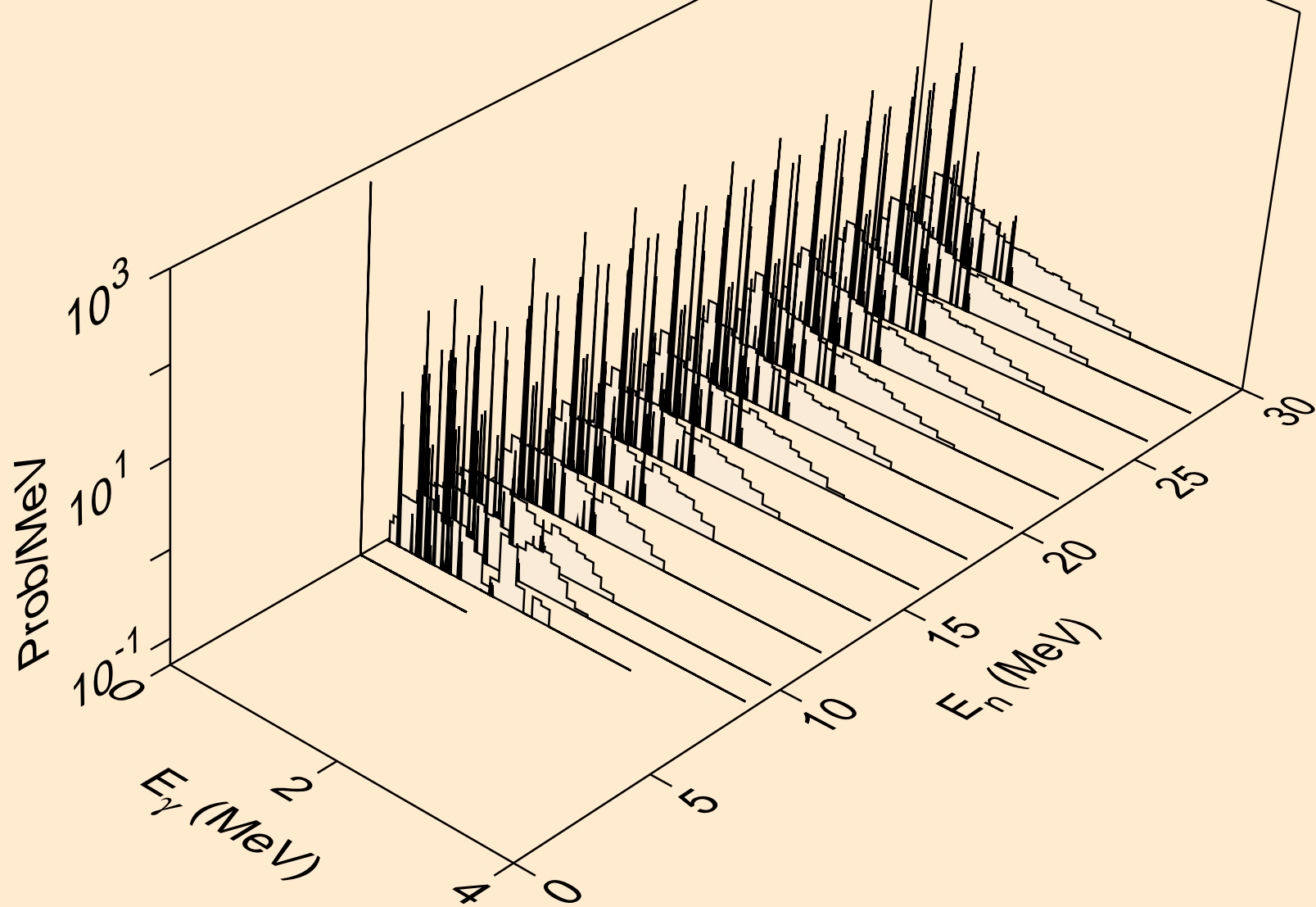
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Photon emission for (n,gma)



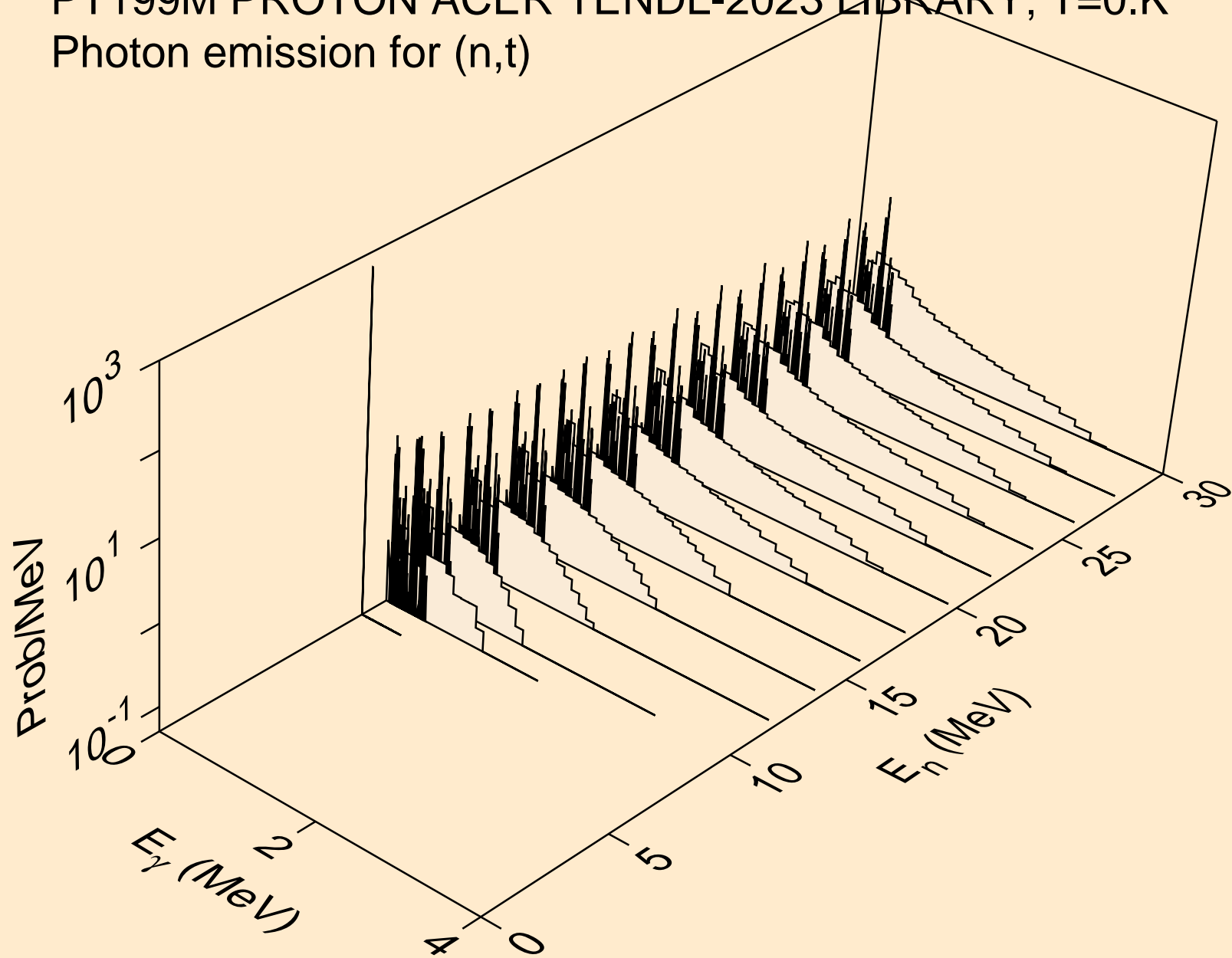
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Photon emission for inelastic



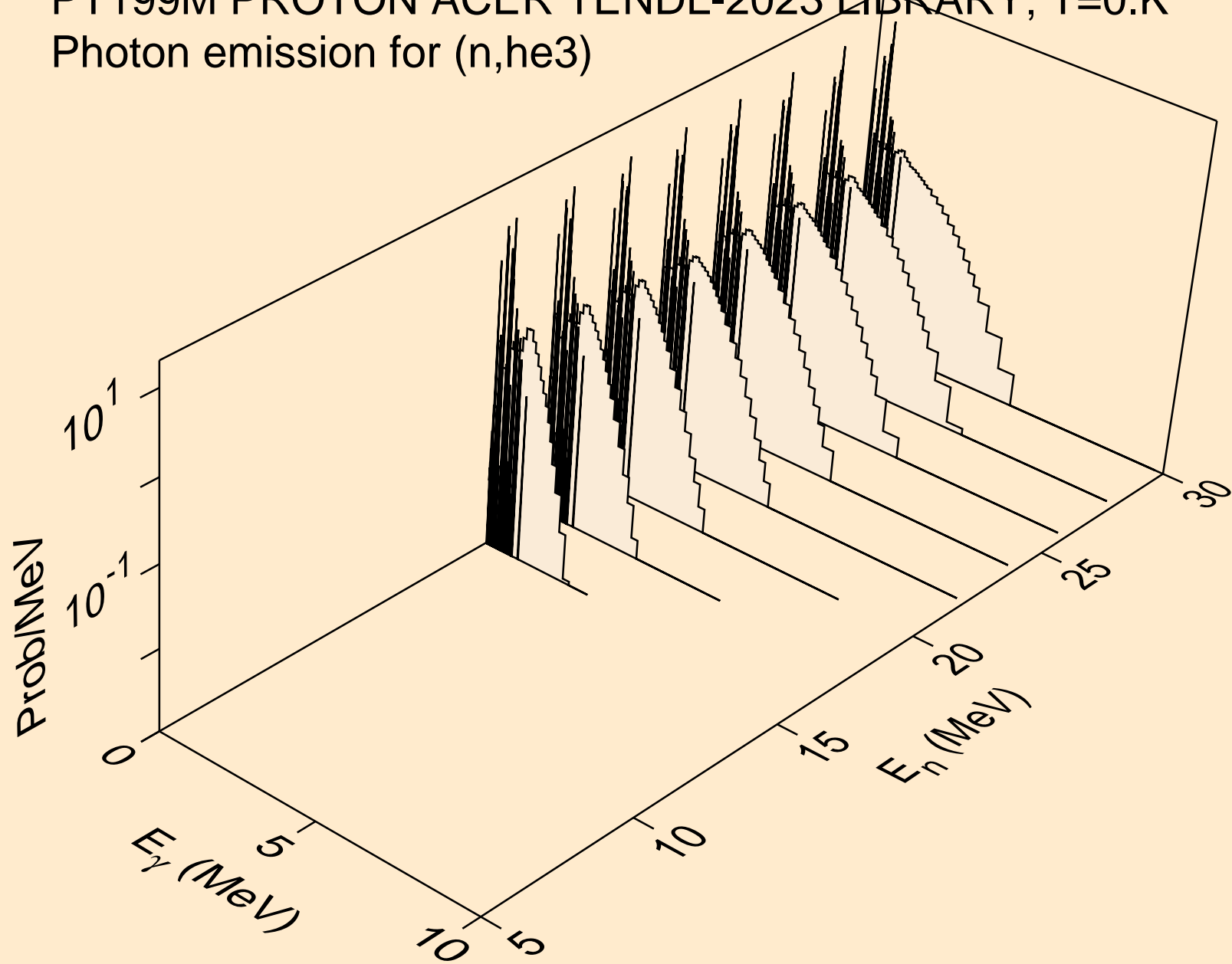
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Photon emission for (n,d)



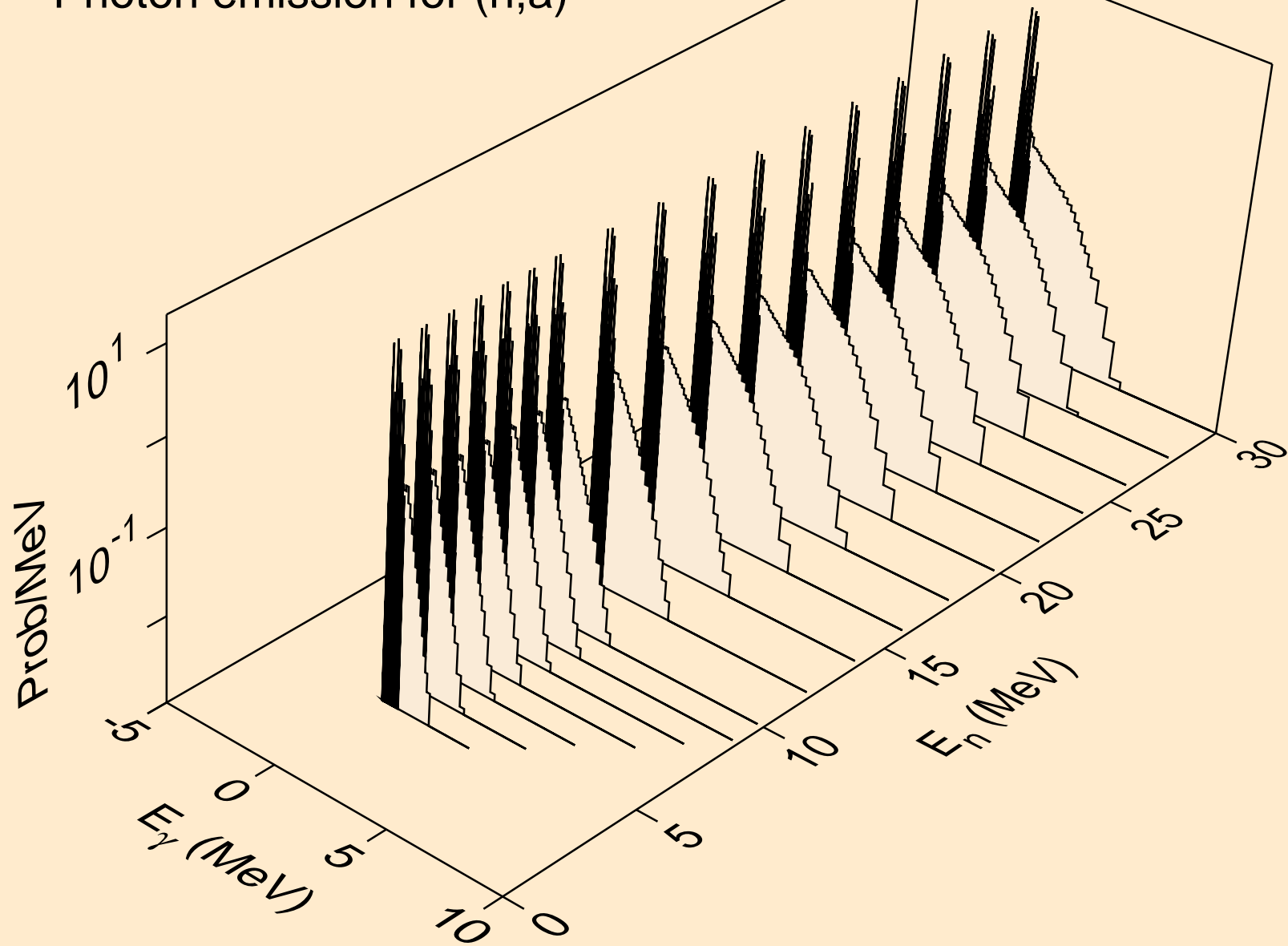
PT199M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



PT199M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)

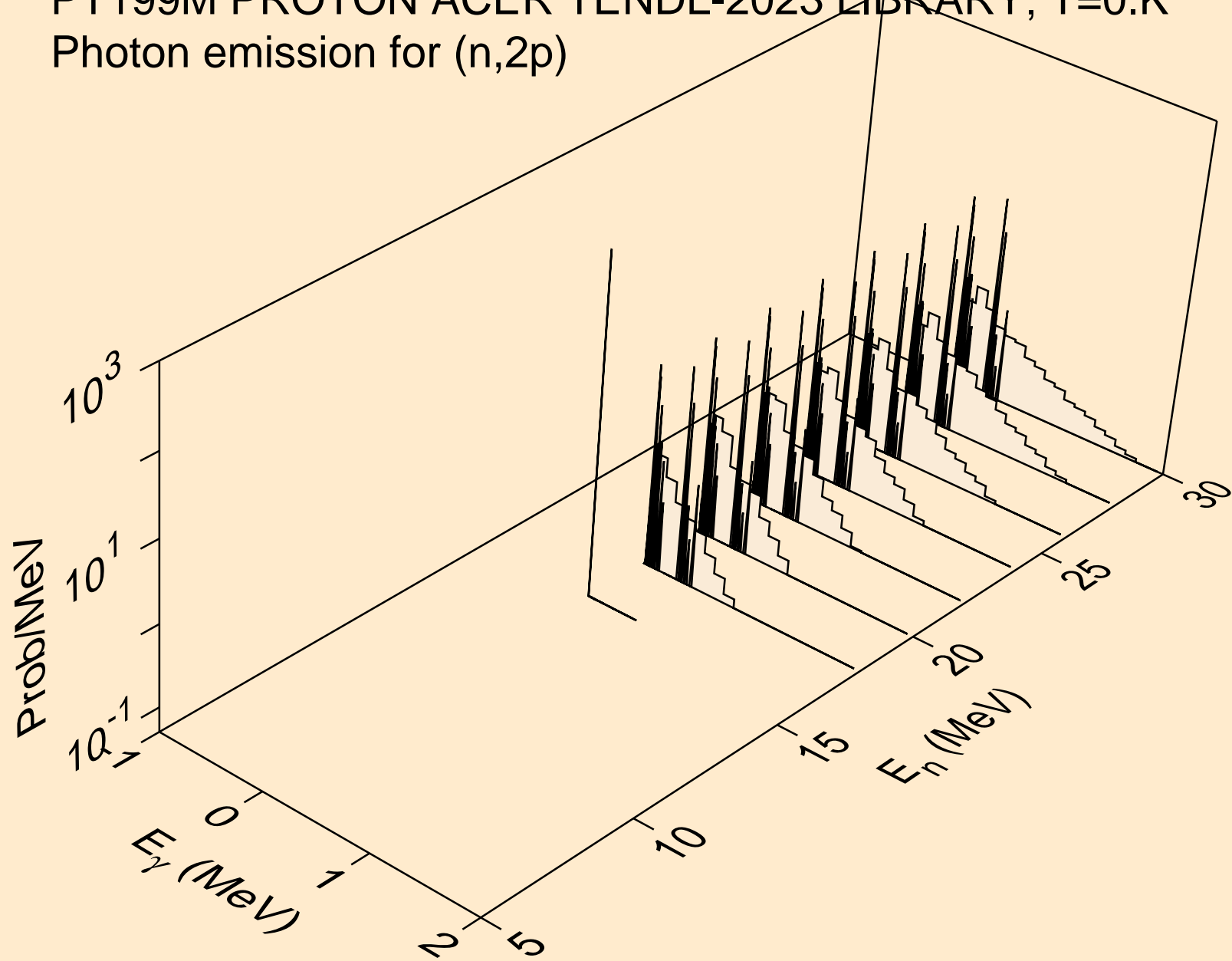


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Photon emission for (n,a)

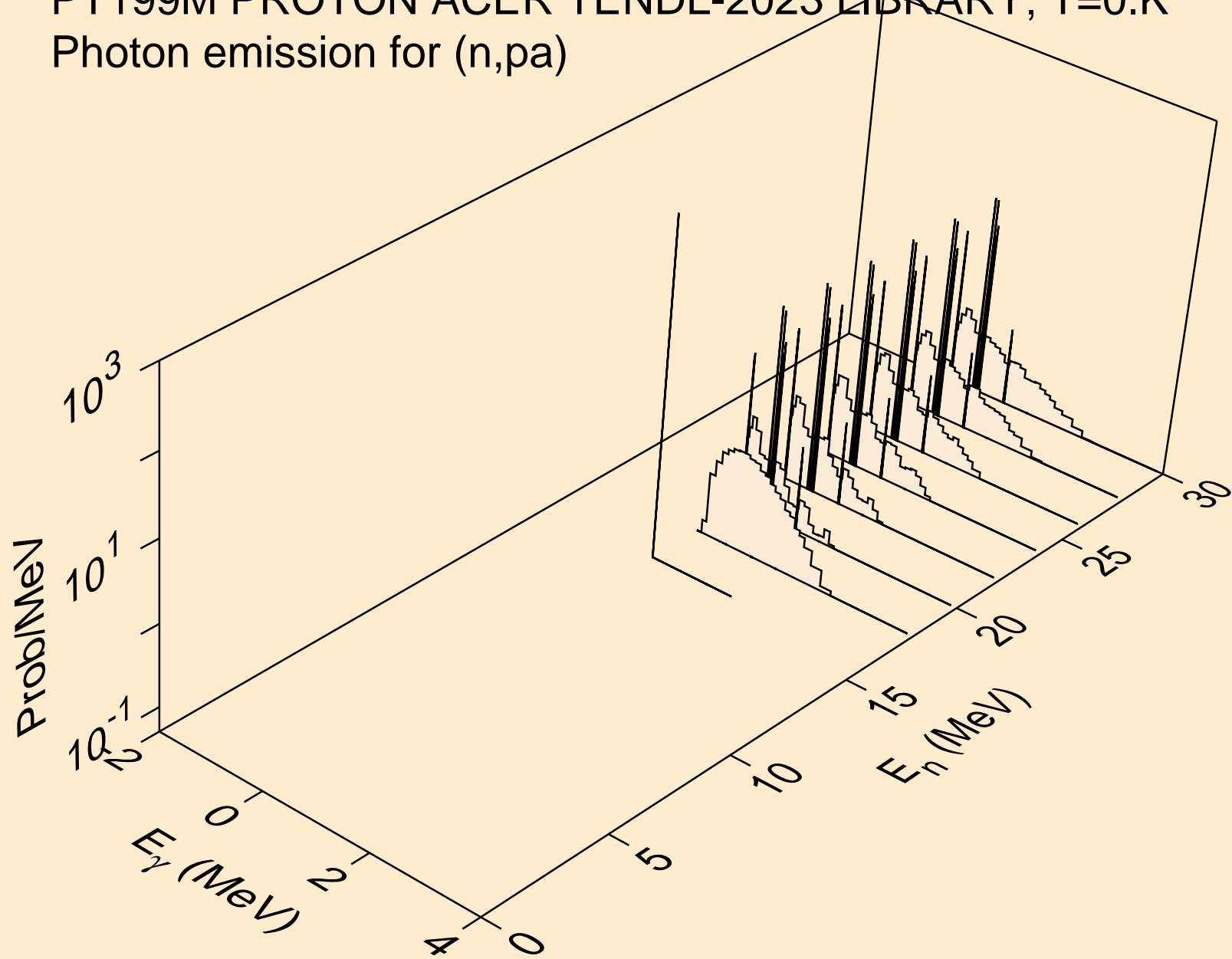




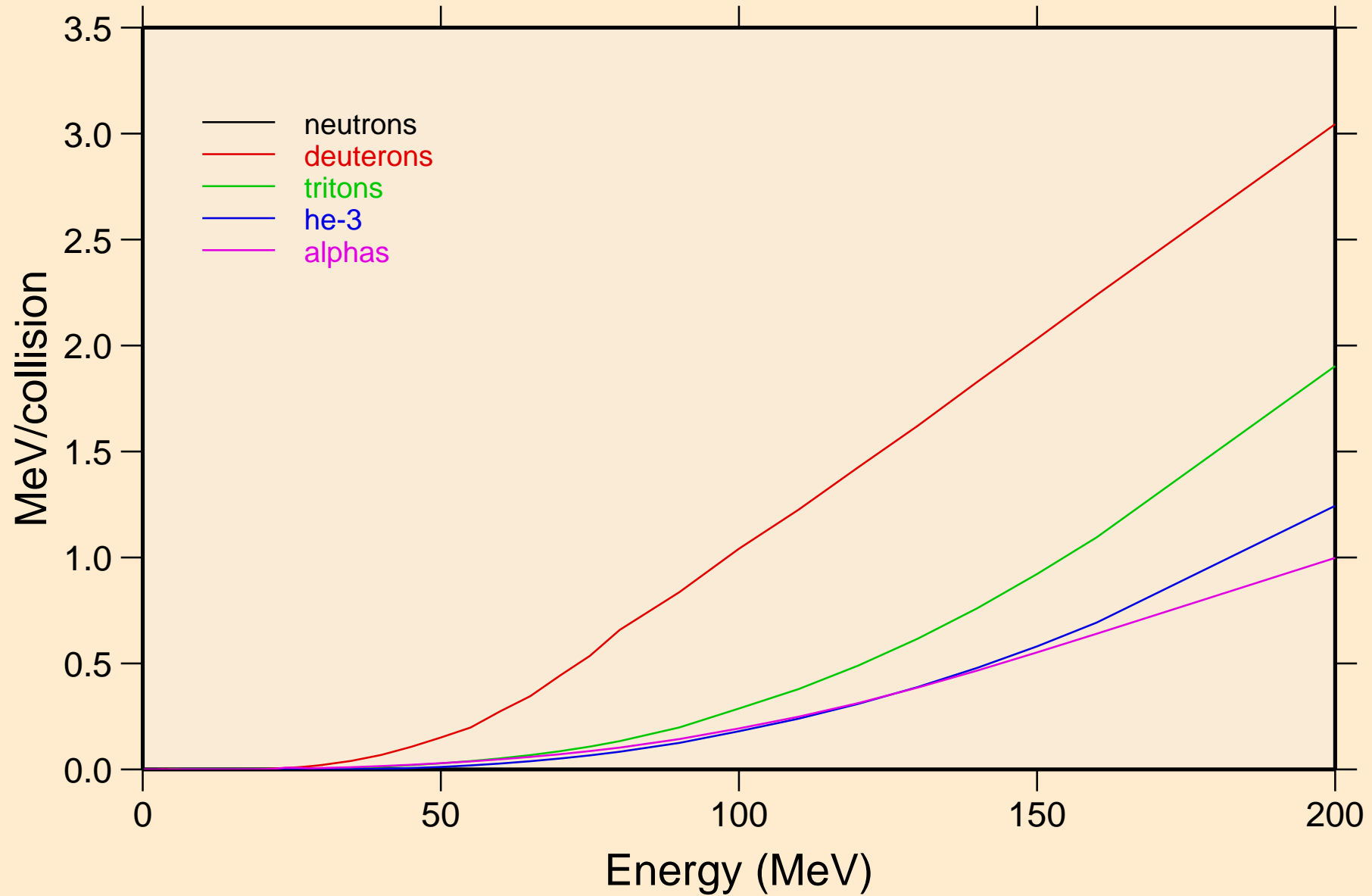
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Photon emission for (n,2p)



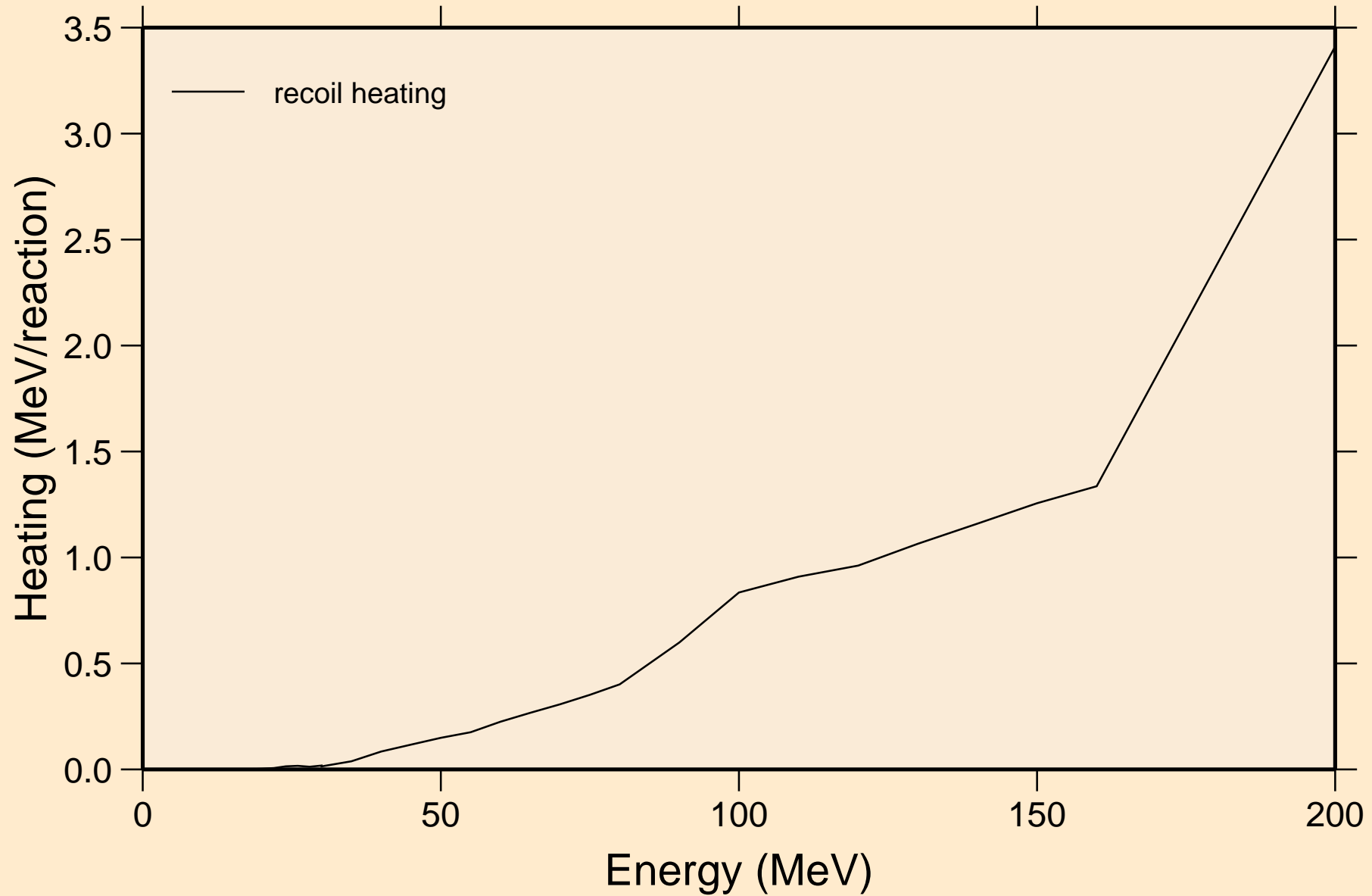
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Photon emission for (n,pa)



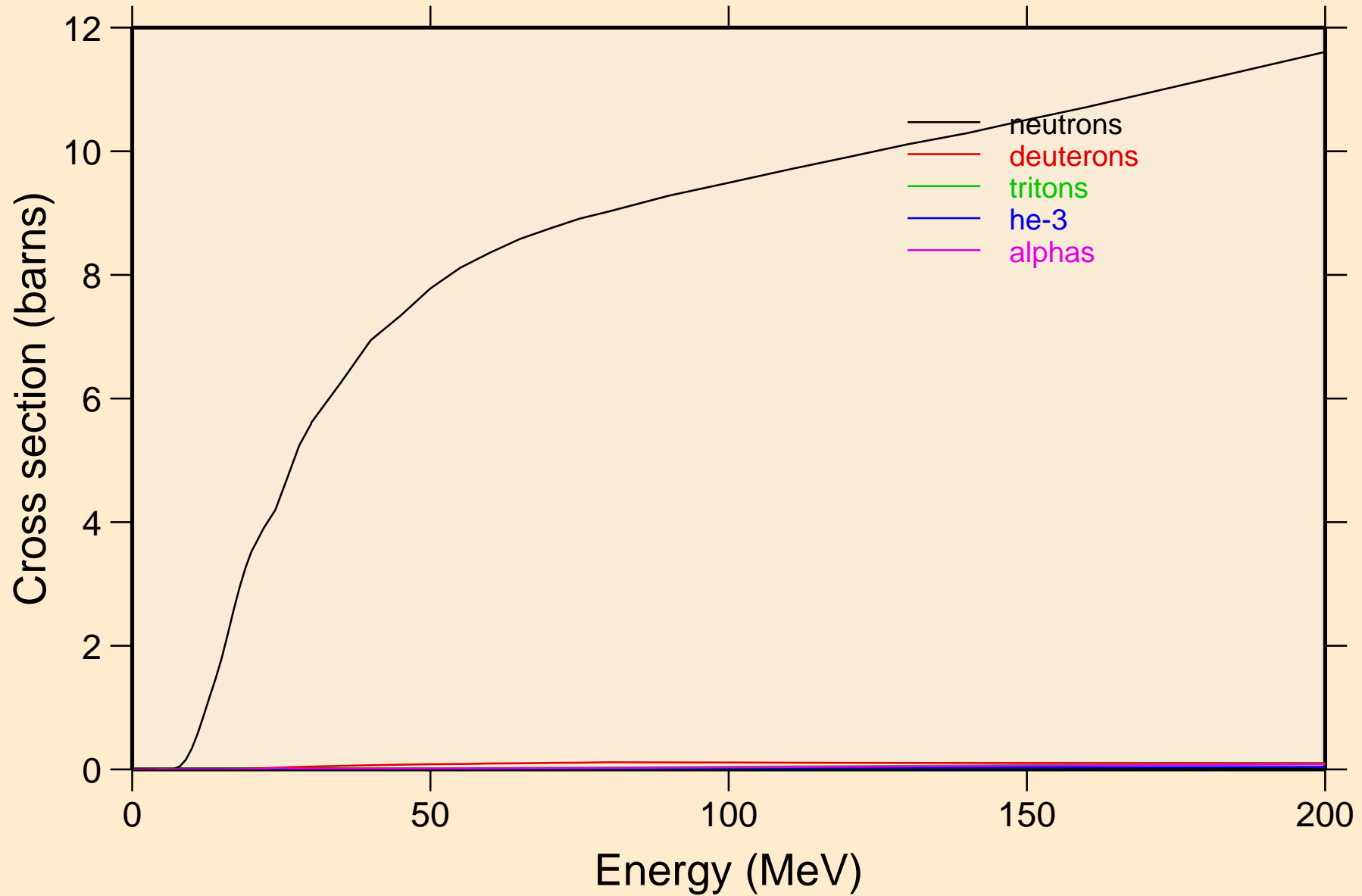
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Particle heating contributions



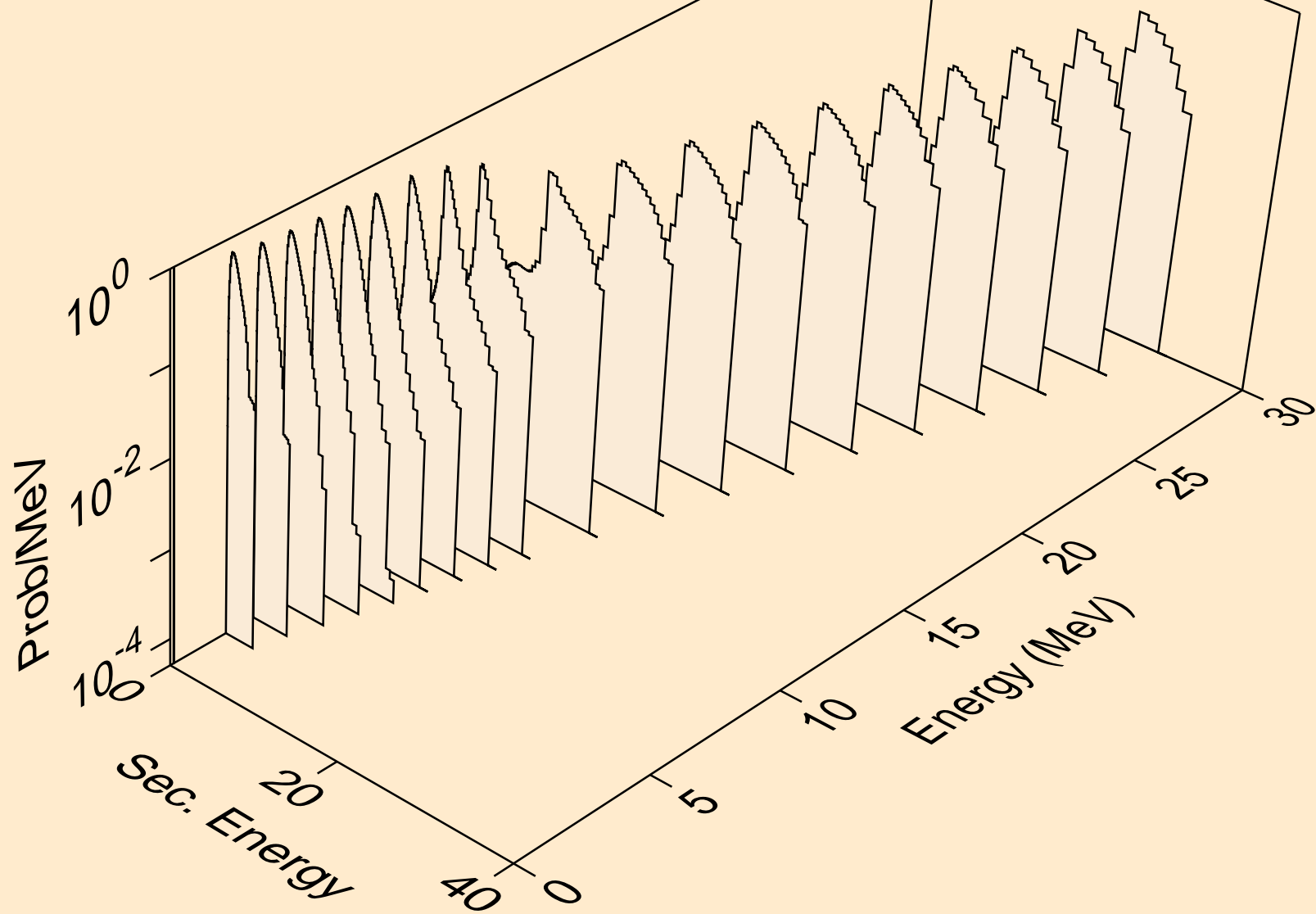
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Recoil Heating



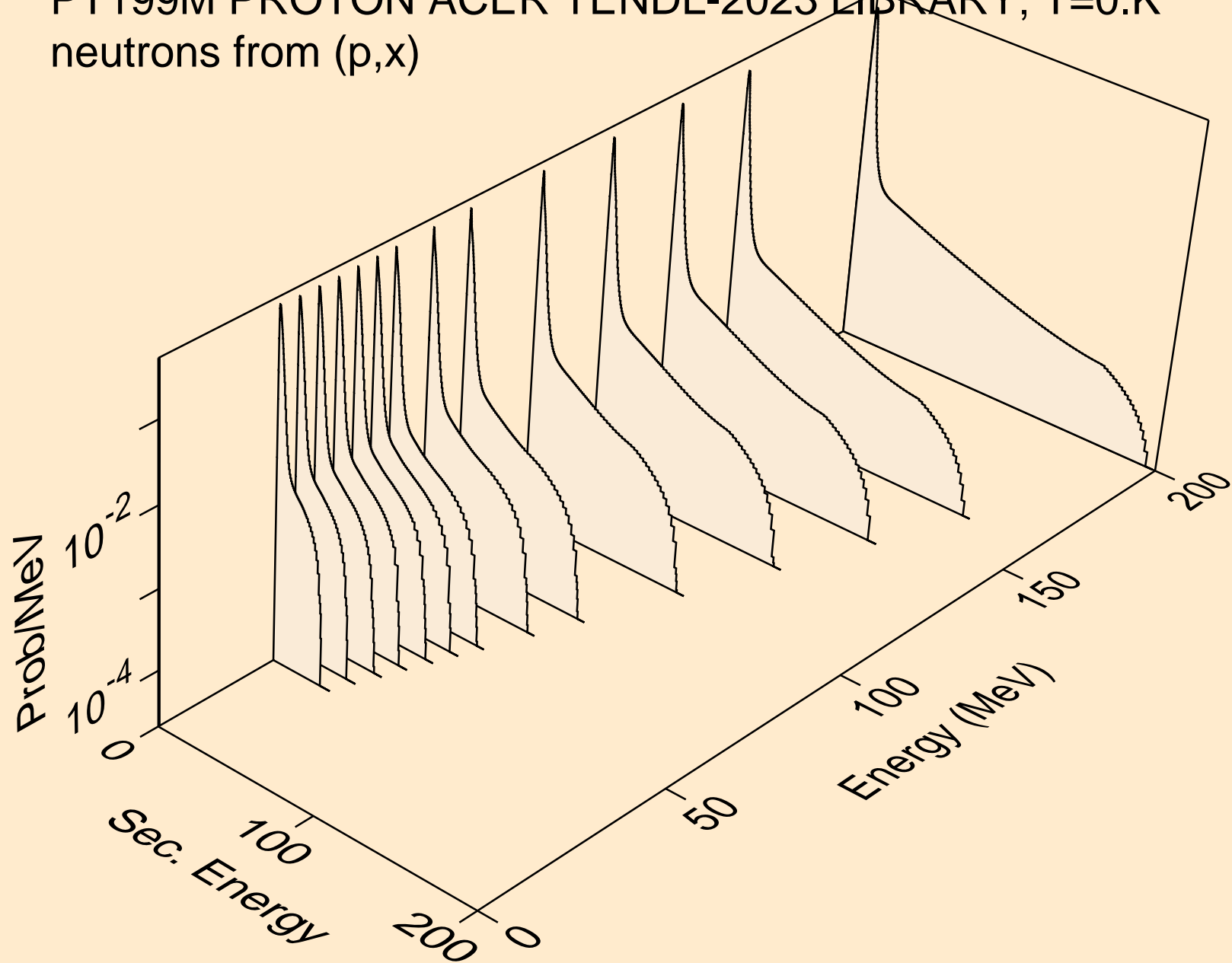
PT199M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



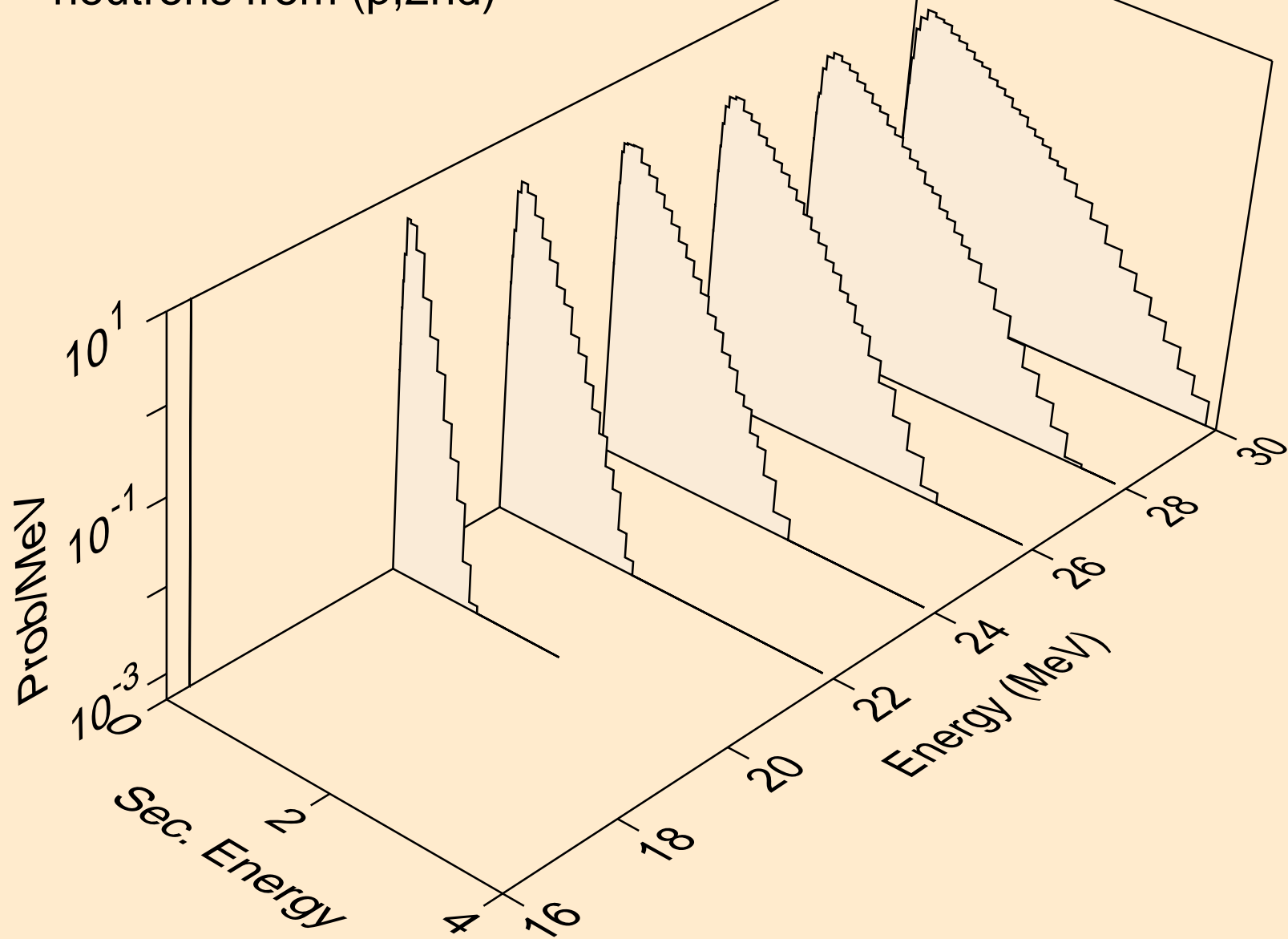
PT199M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



PT199M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)

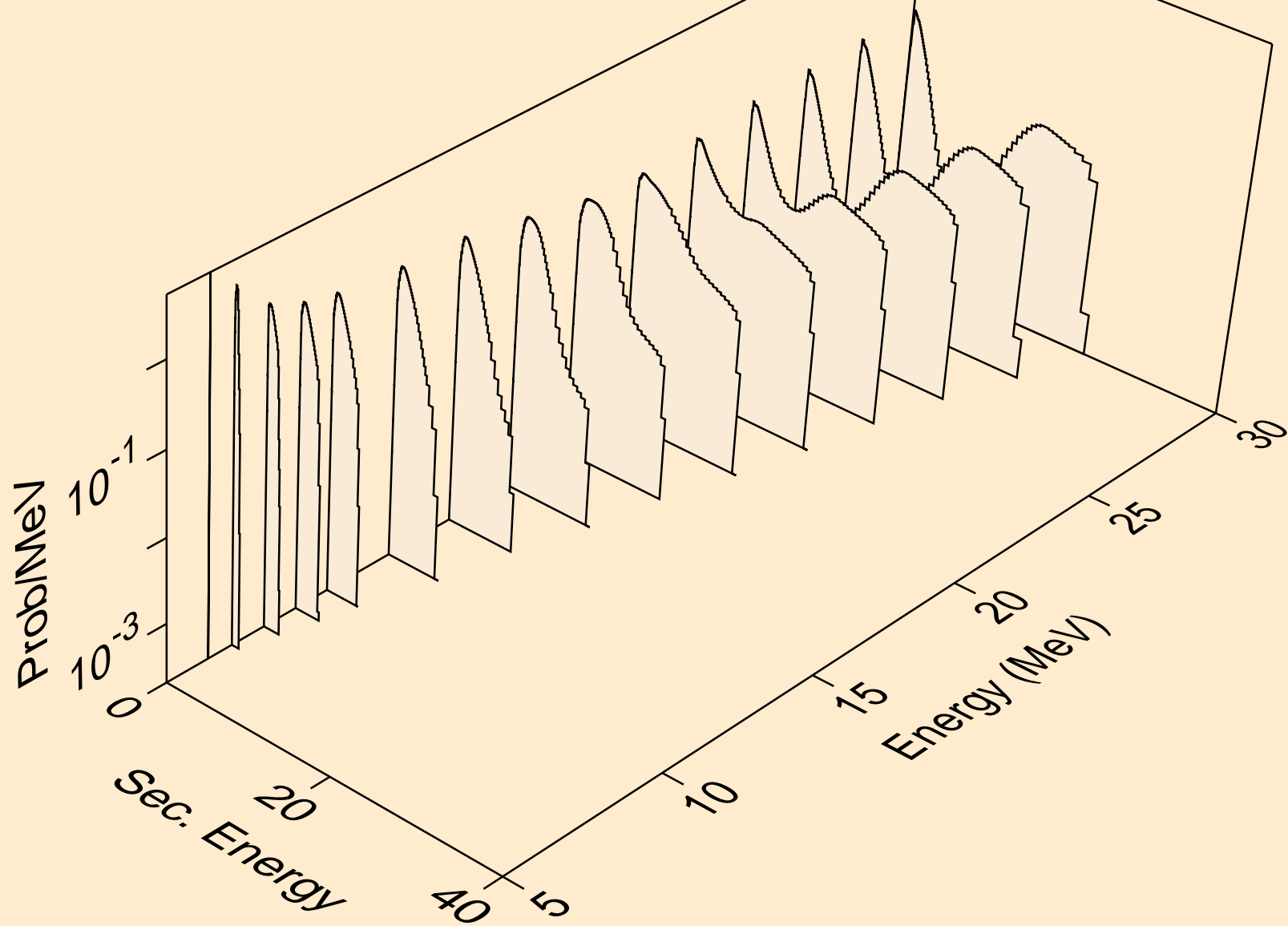


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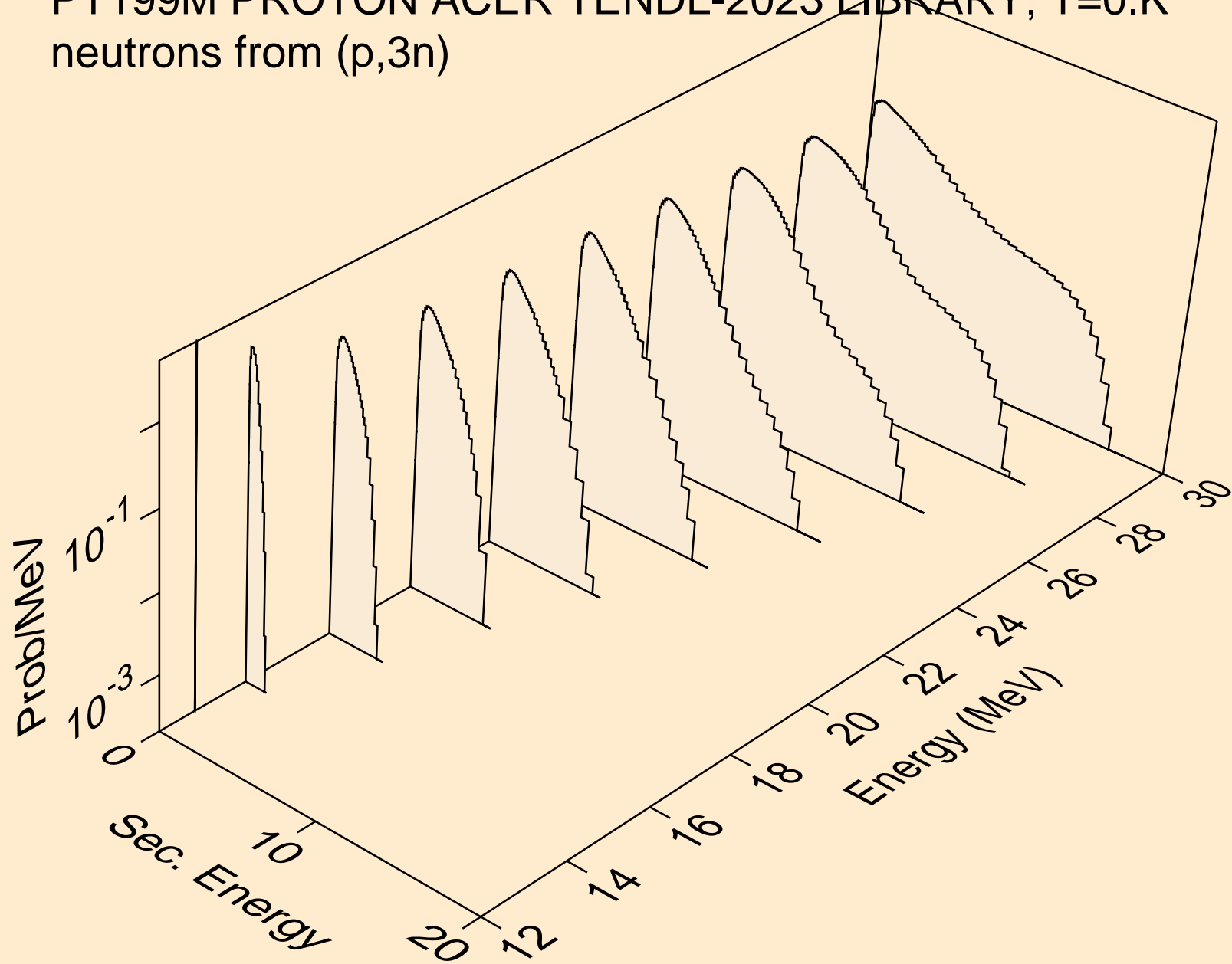




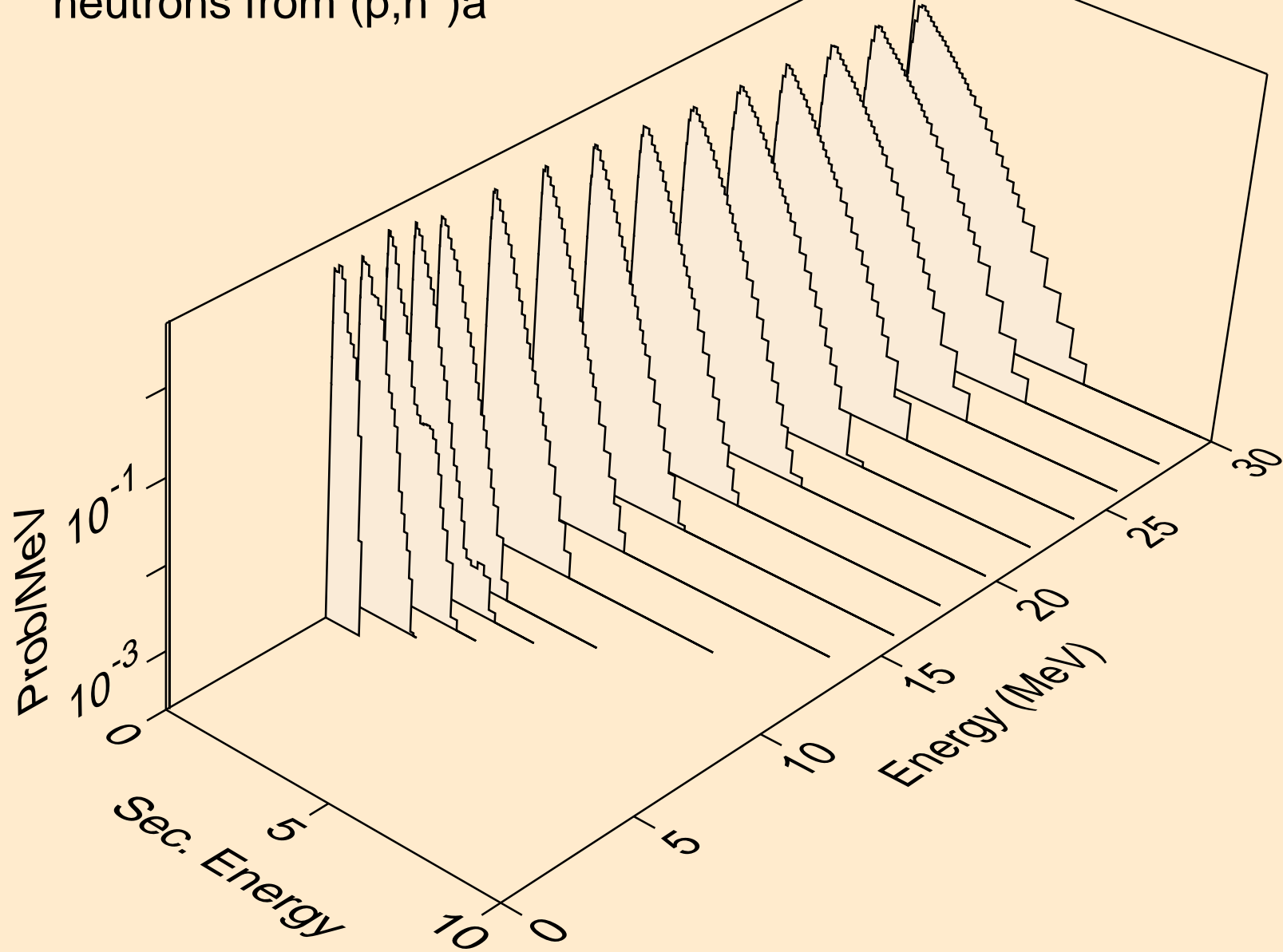
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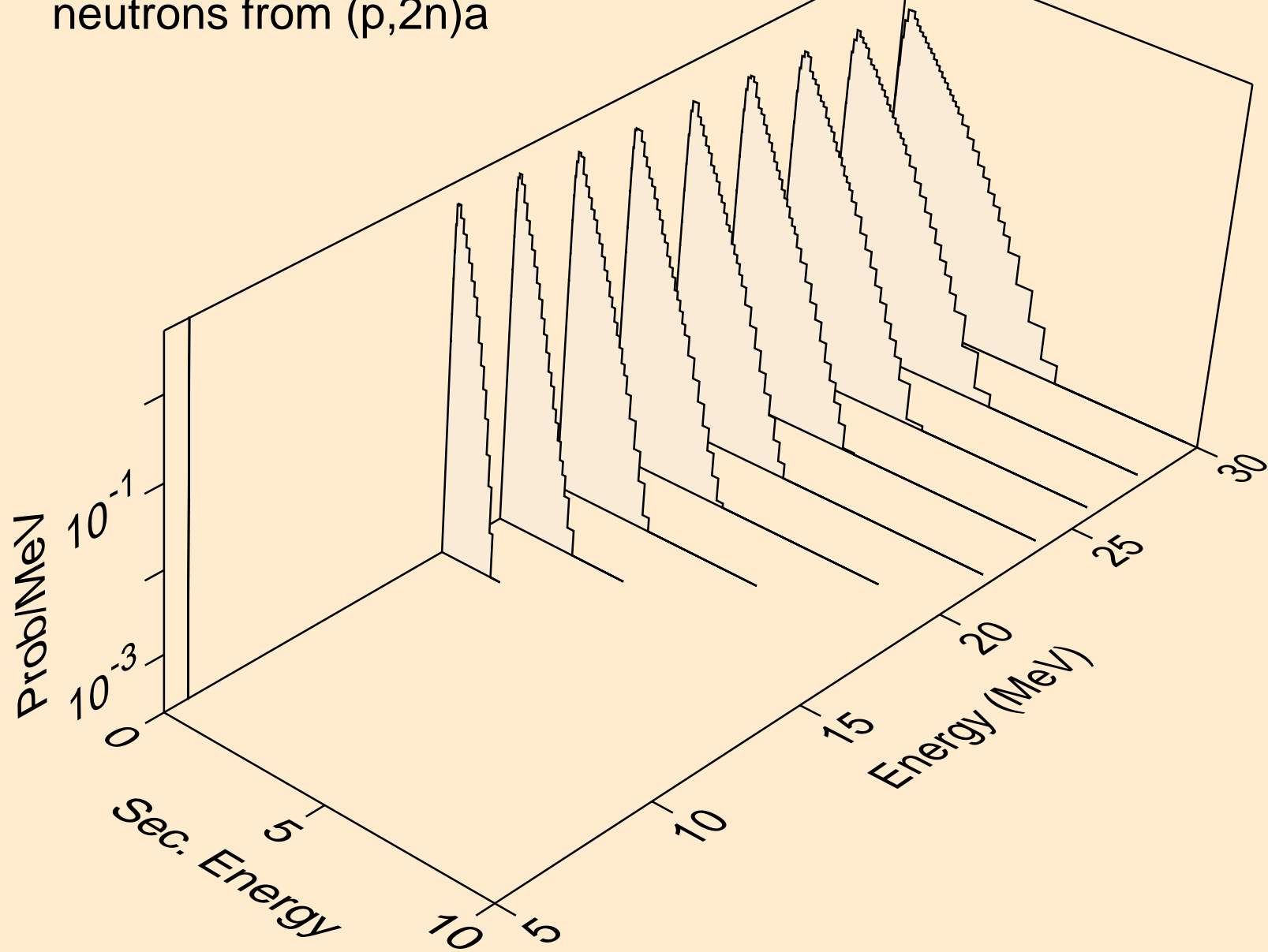
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neutrons from (p,3n)



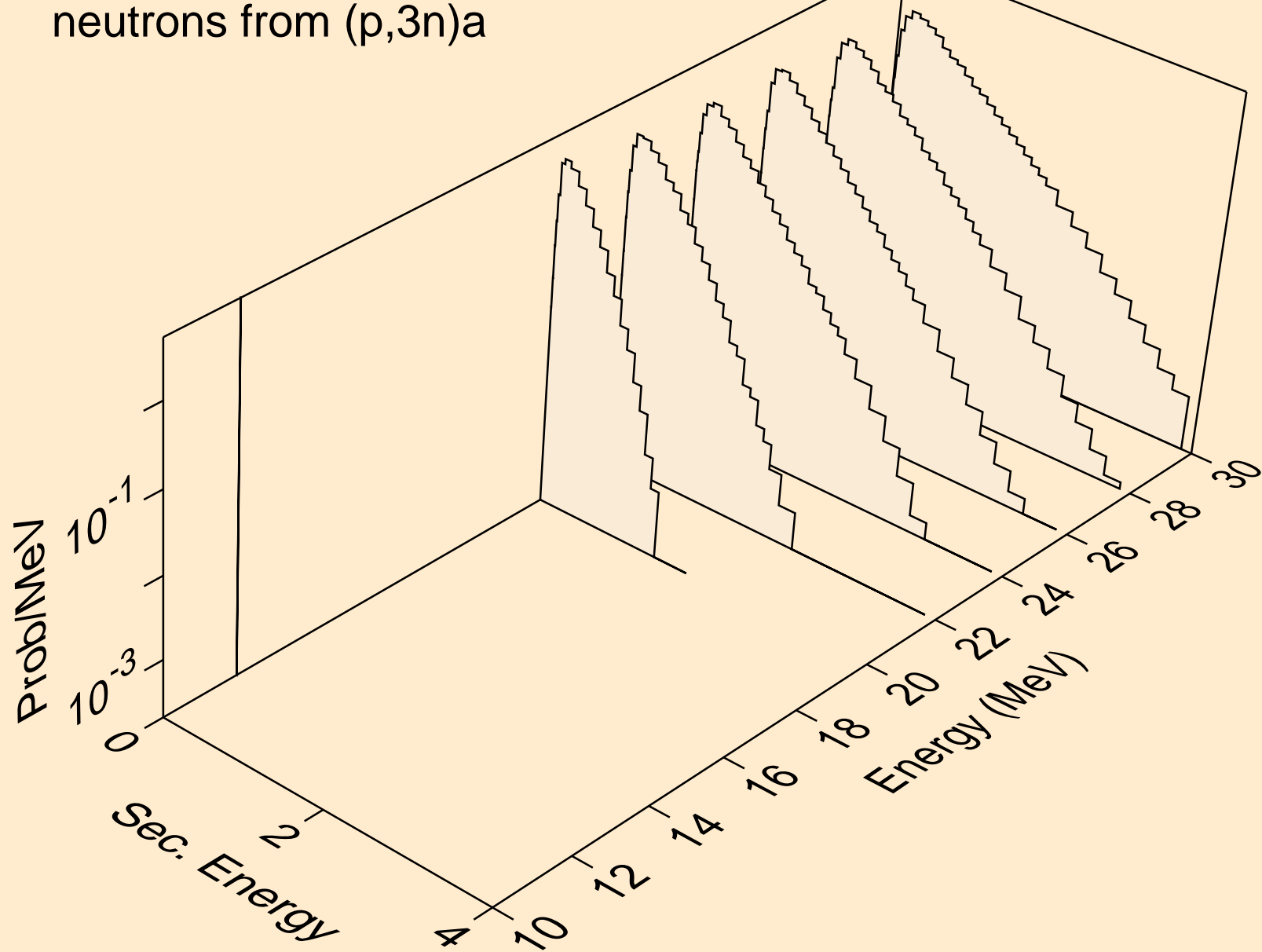
PT199M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



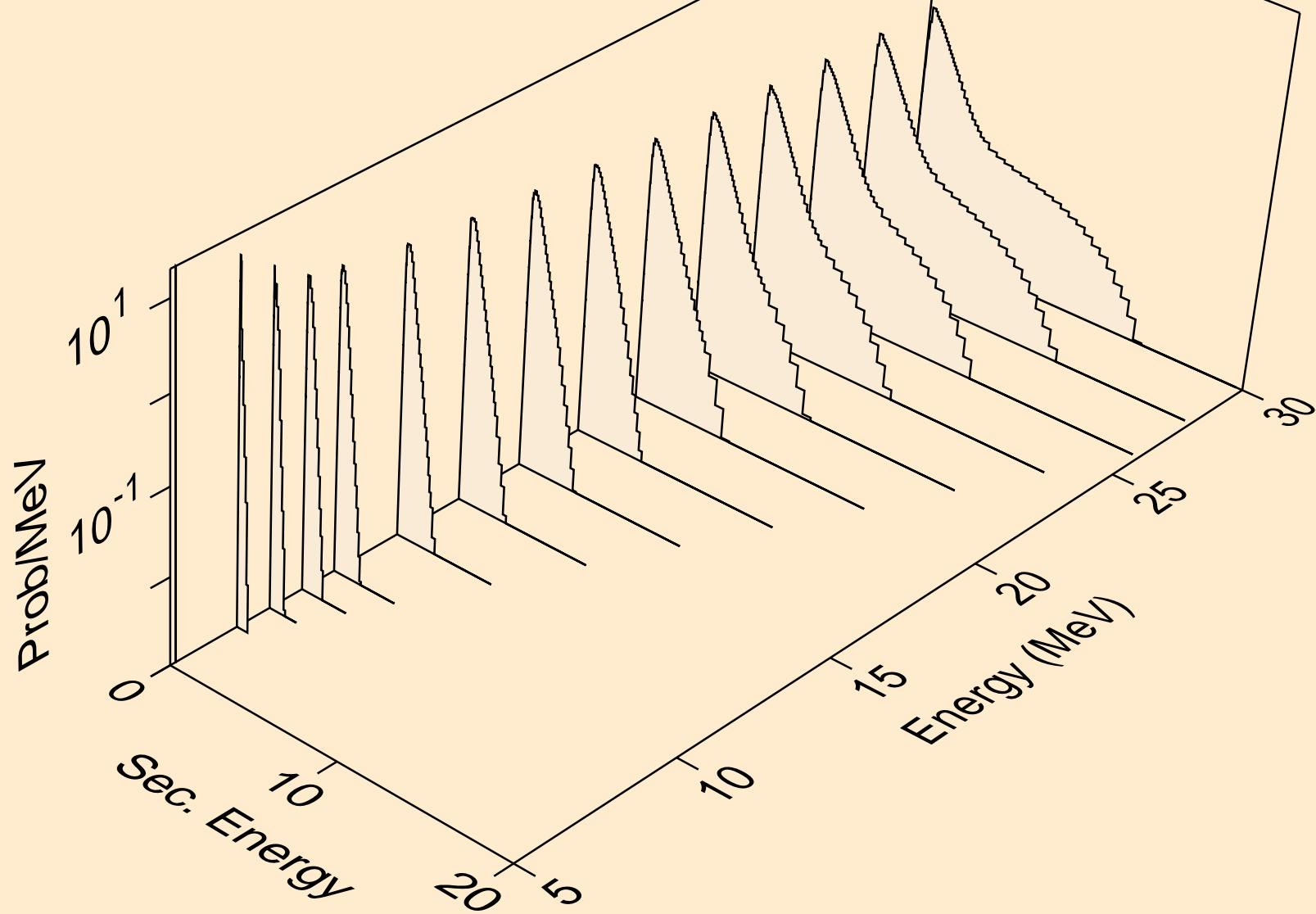
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neutrons from (p,2n)a



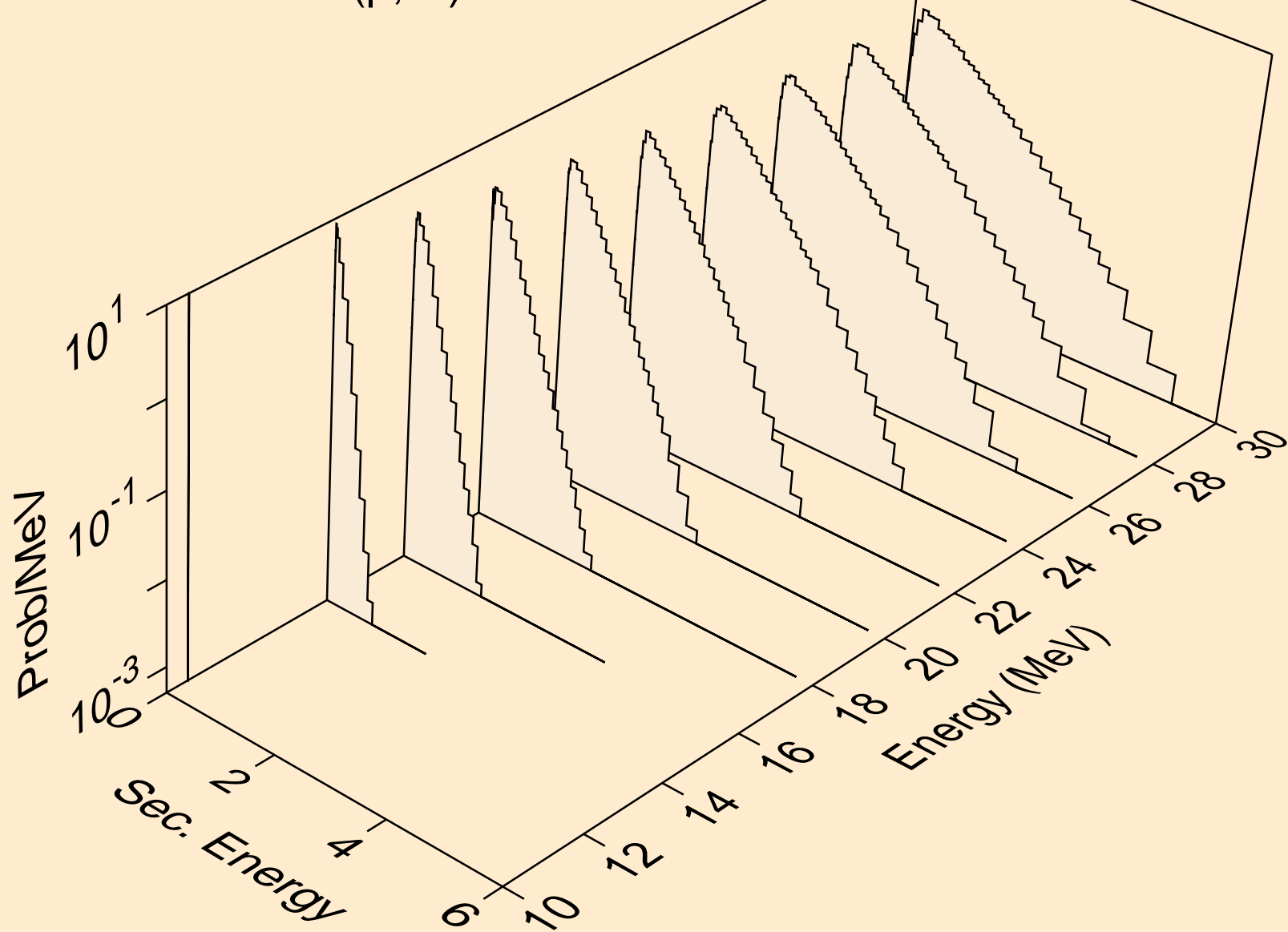
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neutrons from (p,3n)a



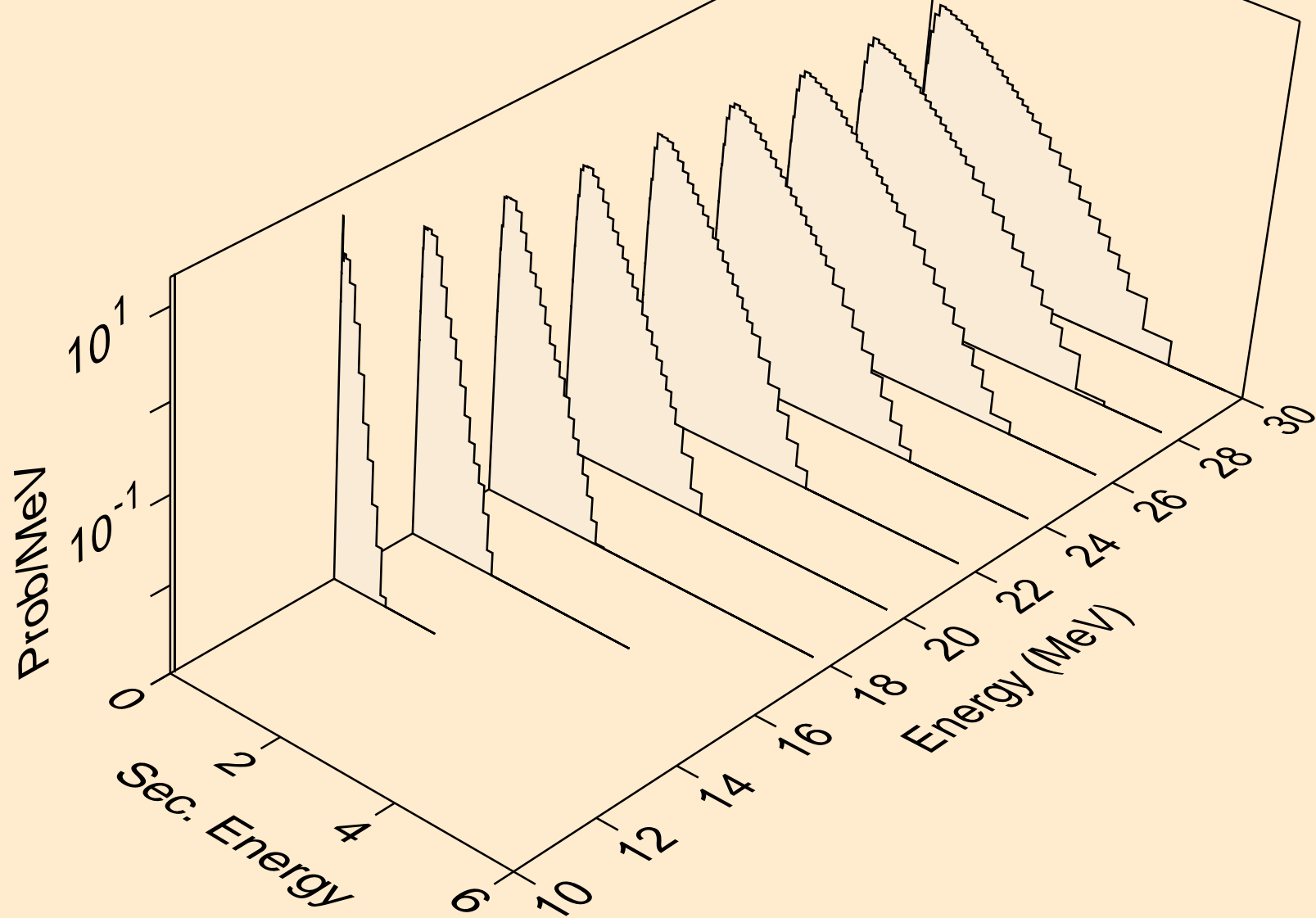
PT199M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)p



PT199M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)d

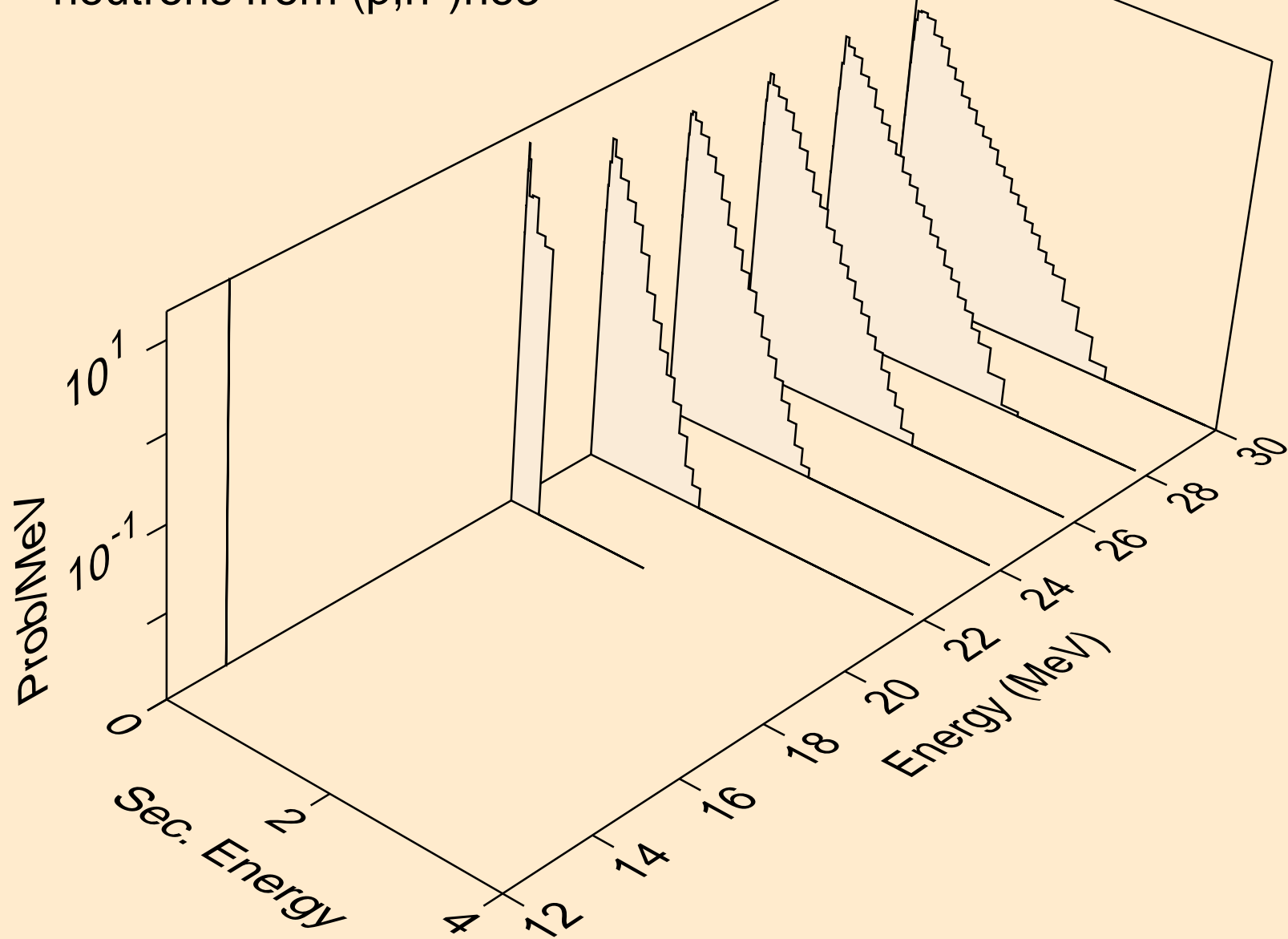


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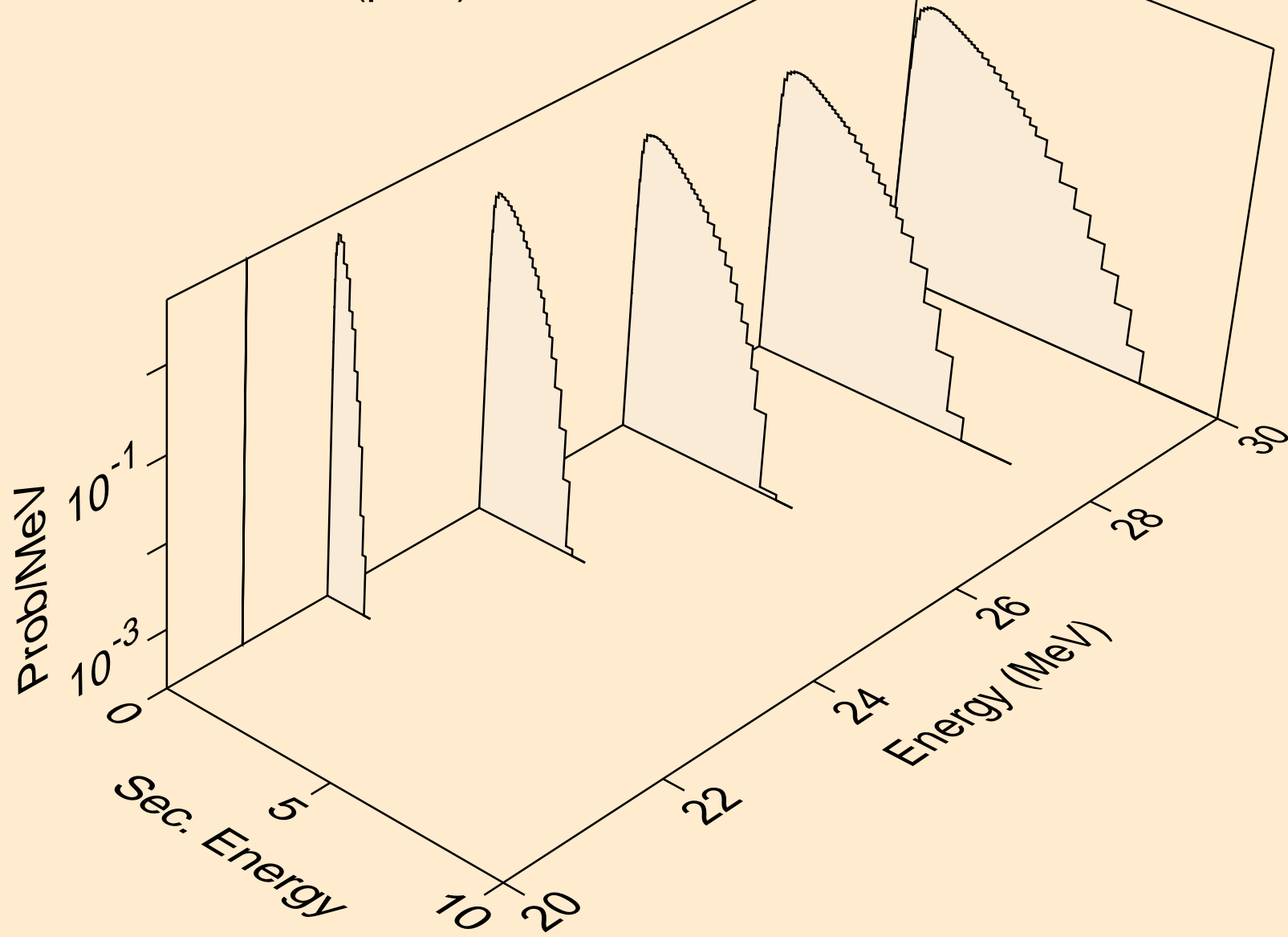




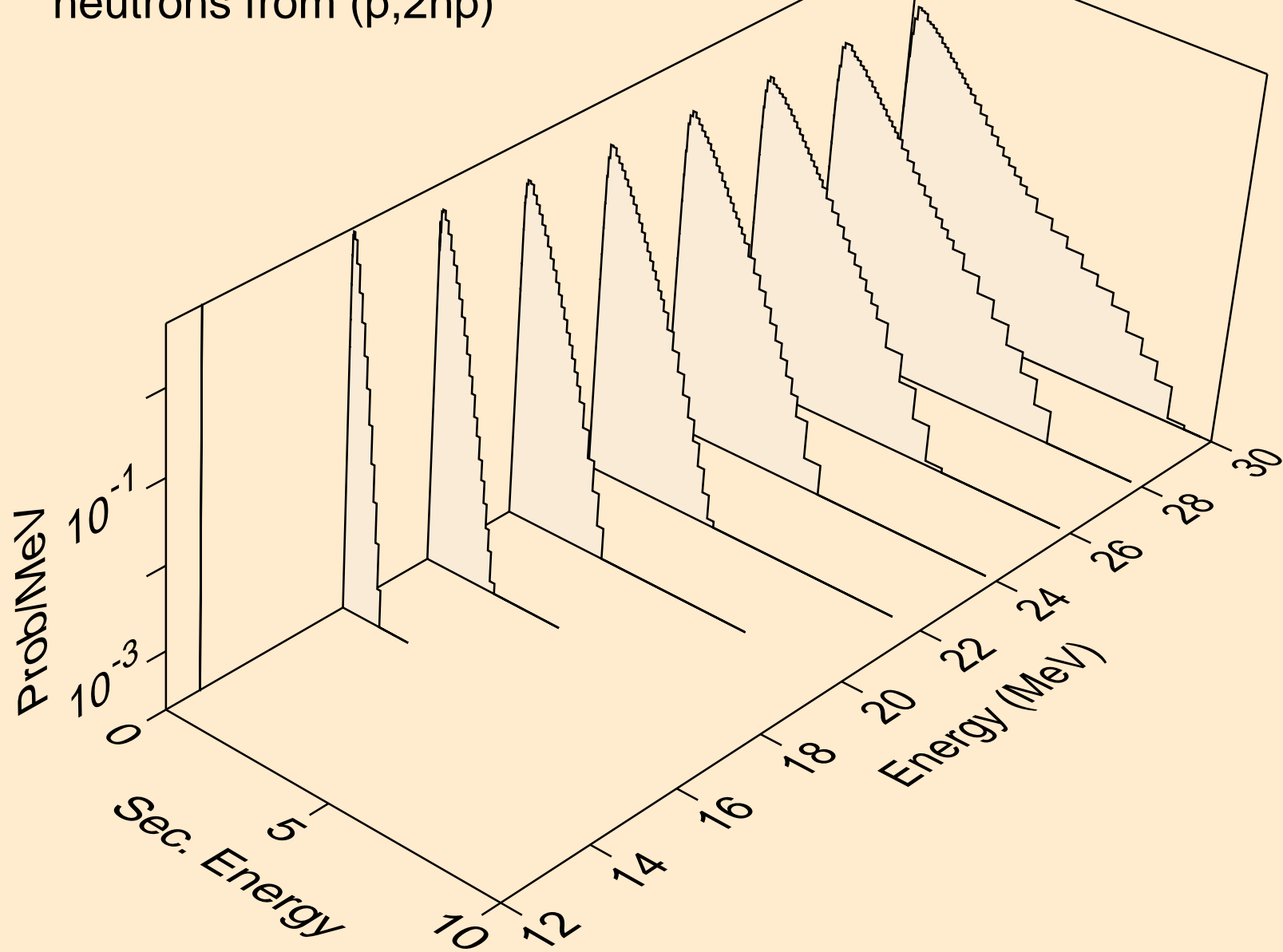
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neutrons from (p,n\*)he3



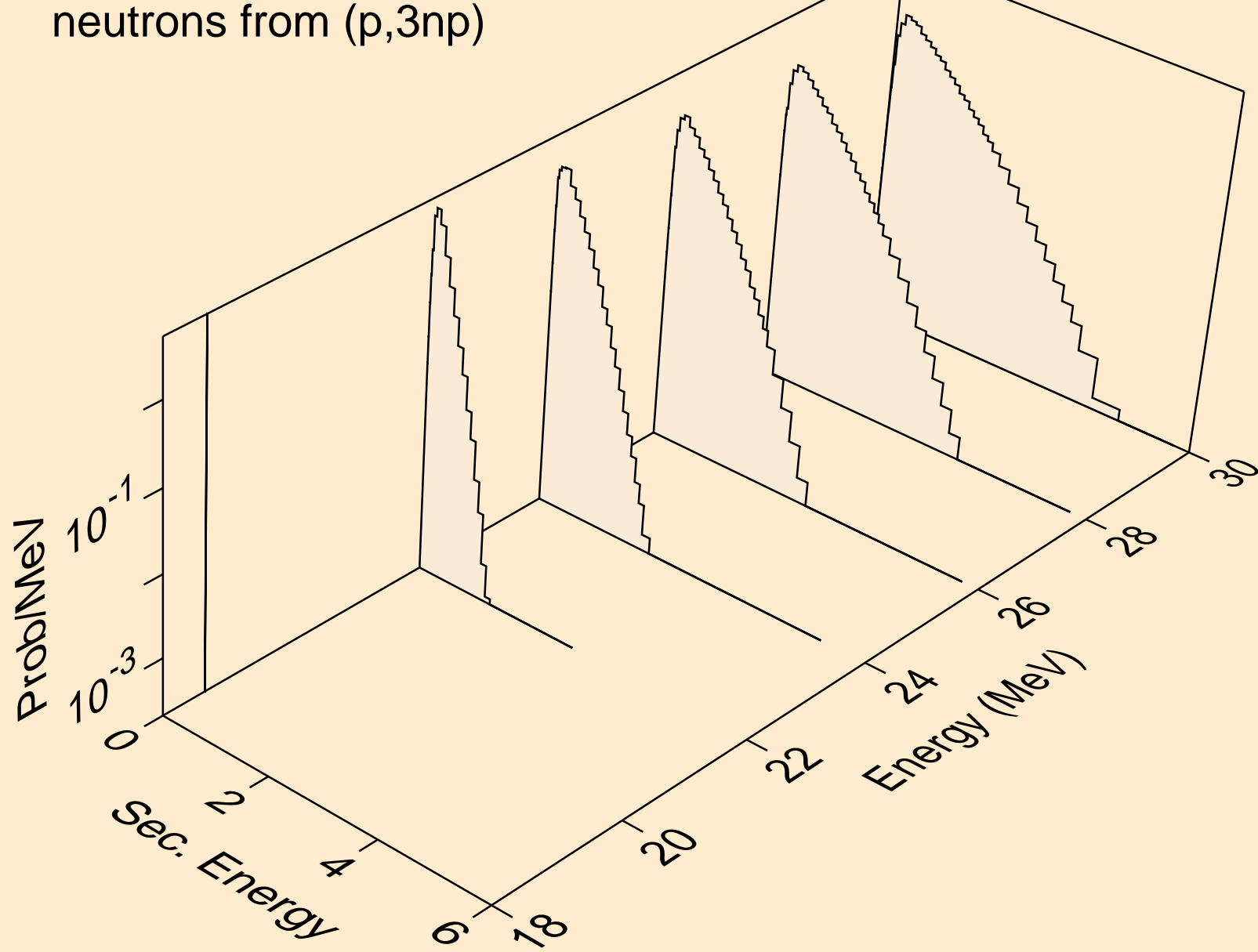
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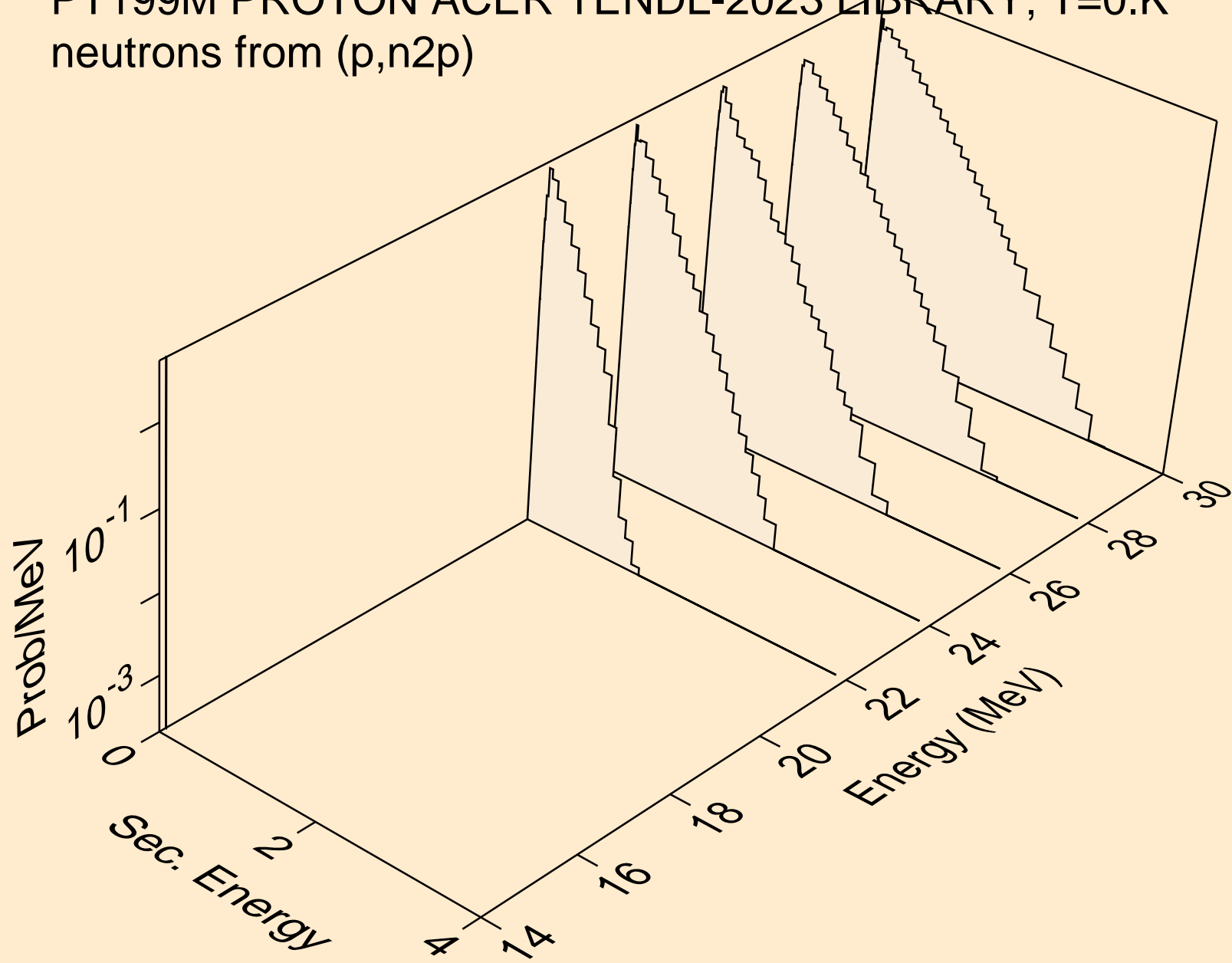
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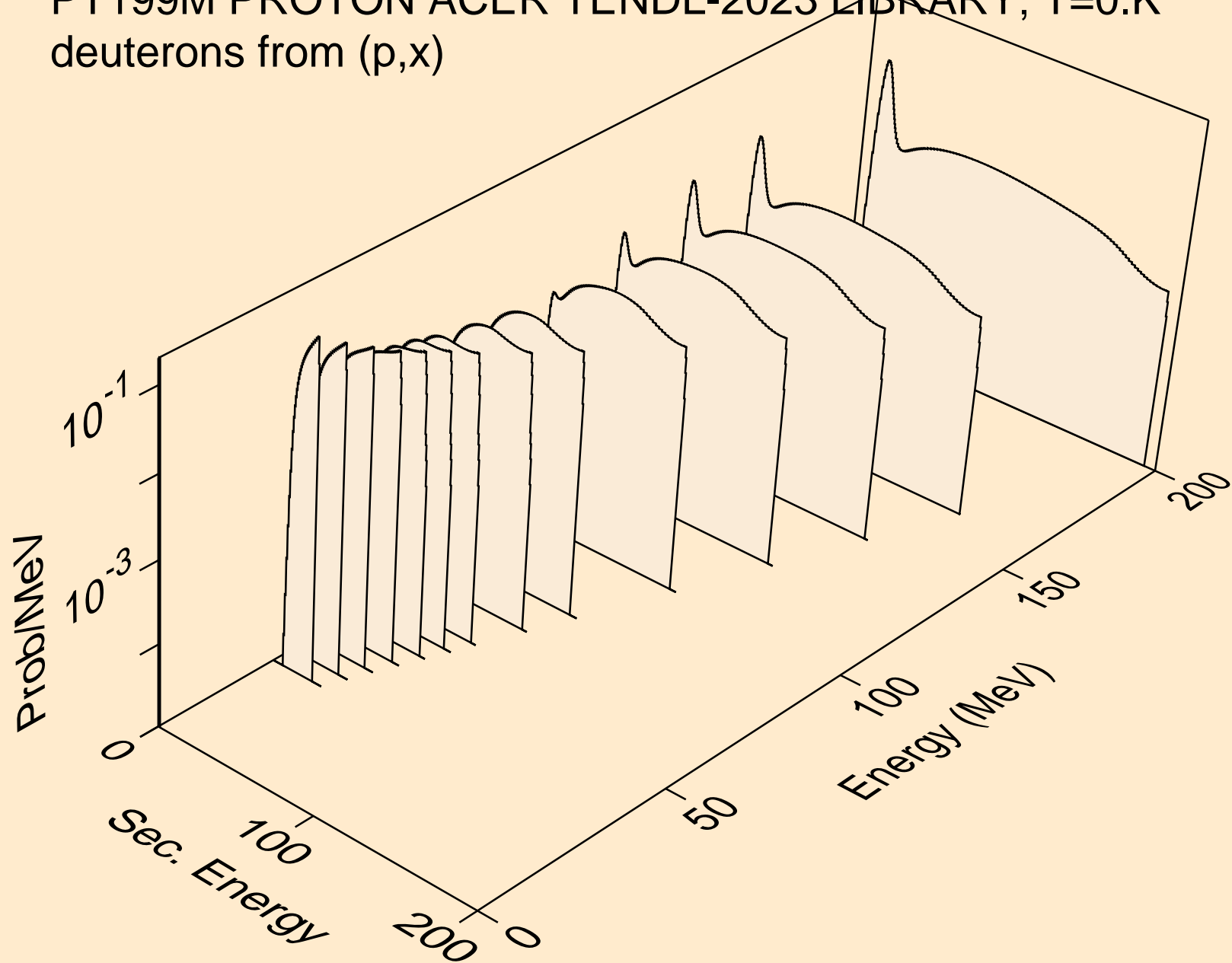
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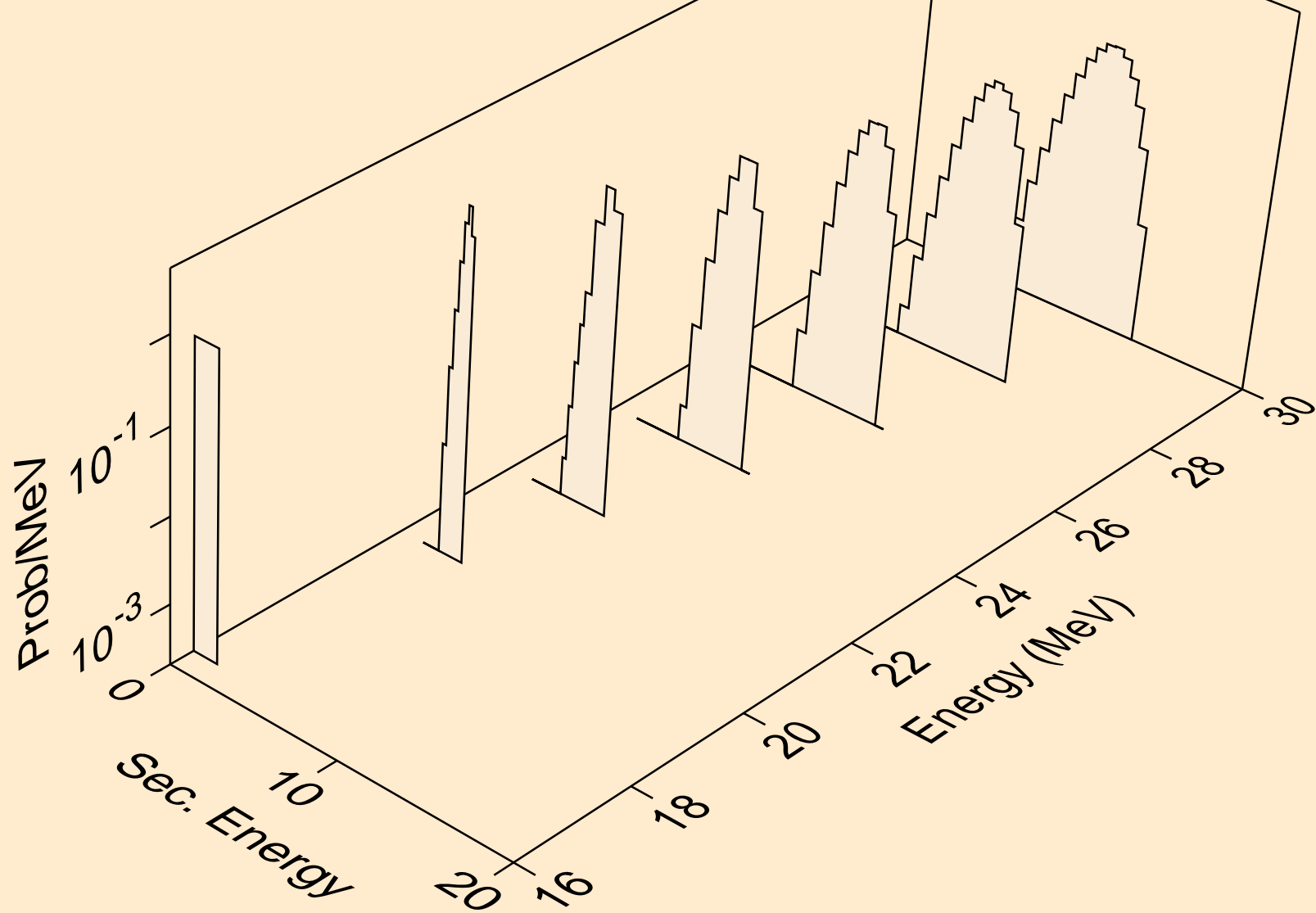
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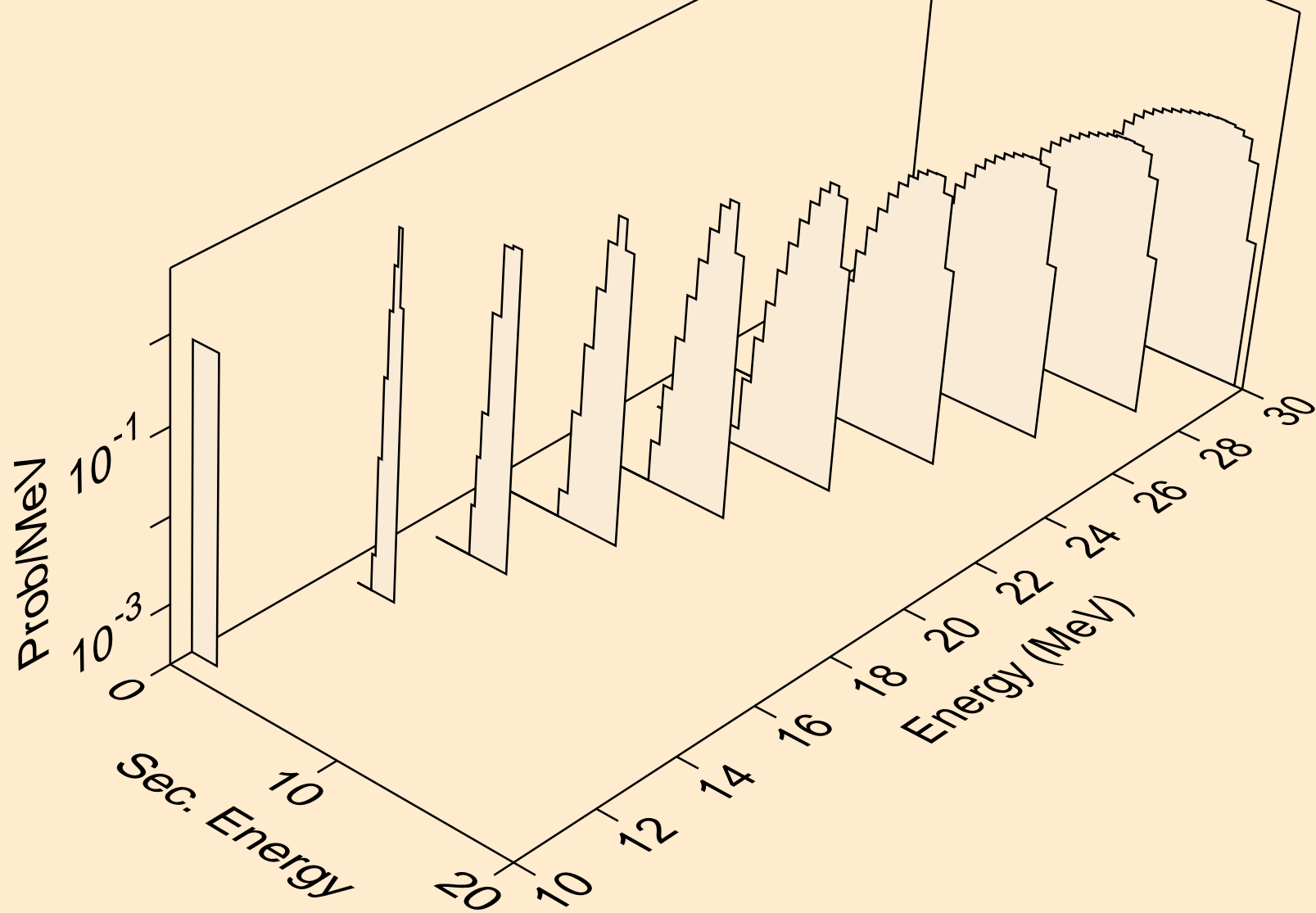
PT199M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,x)



PT199M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
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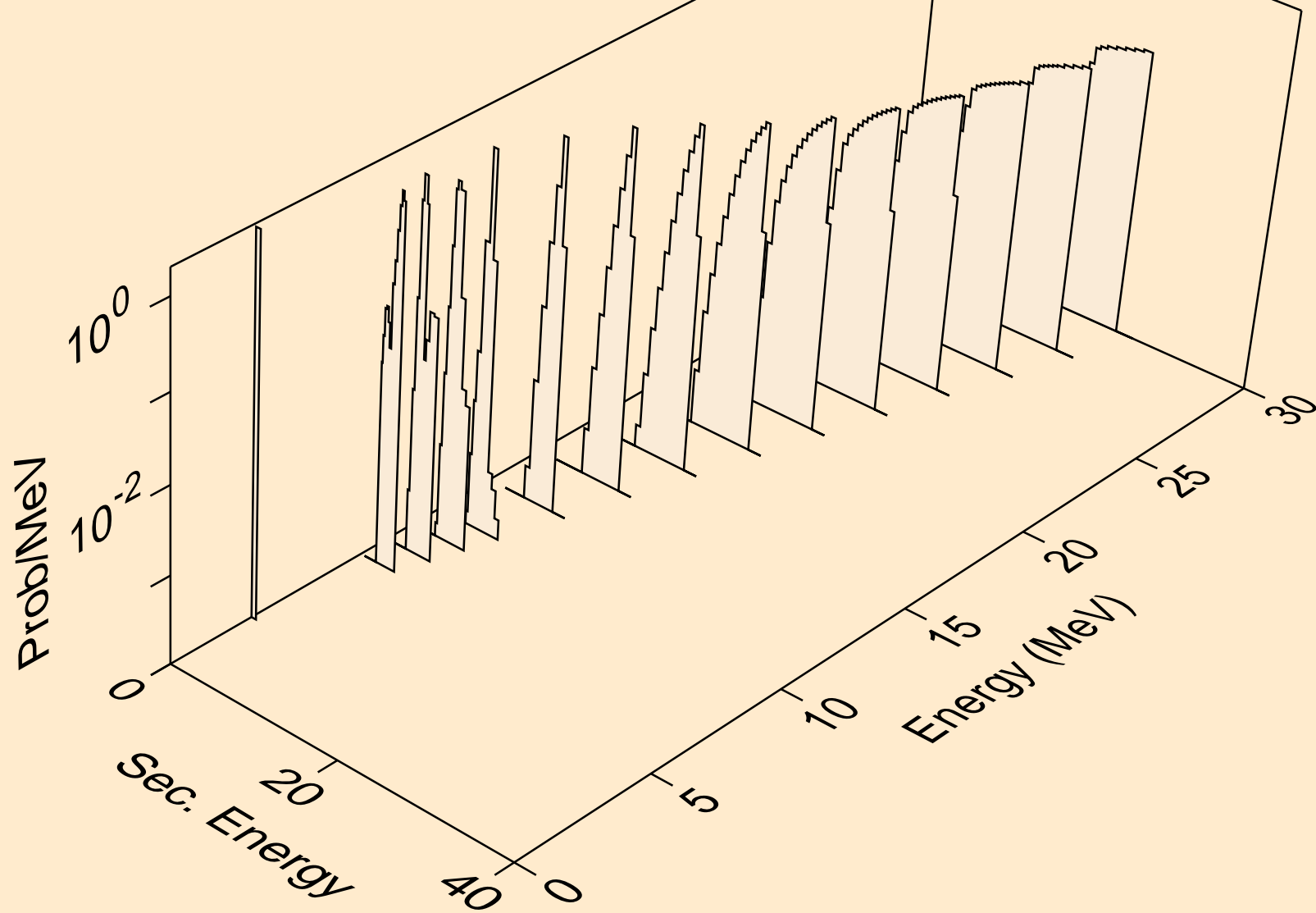


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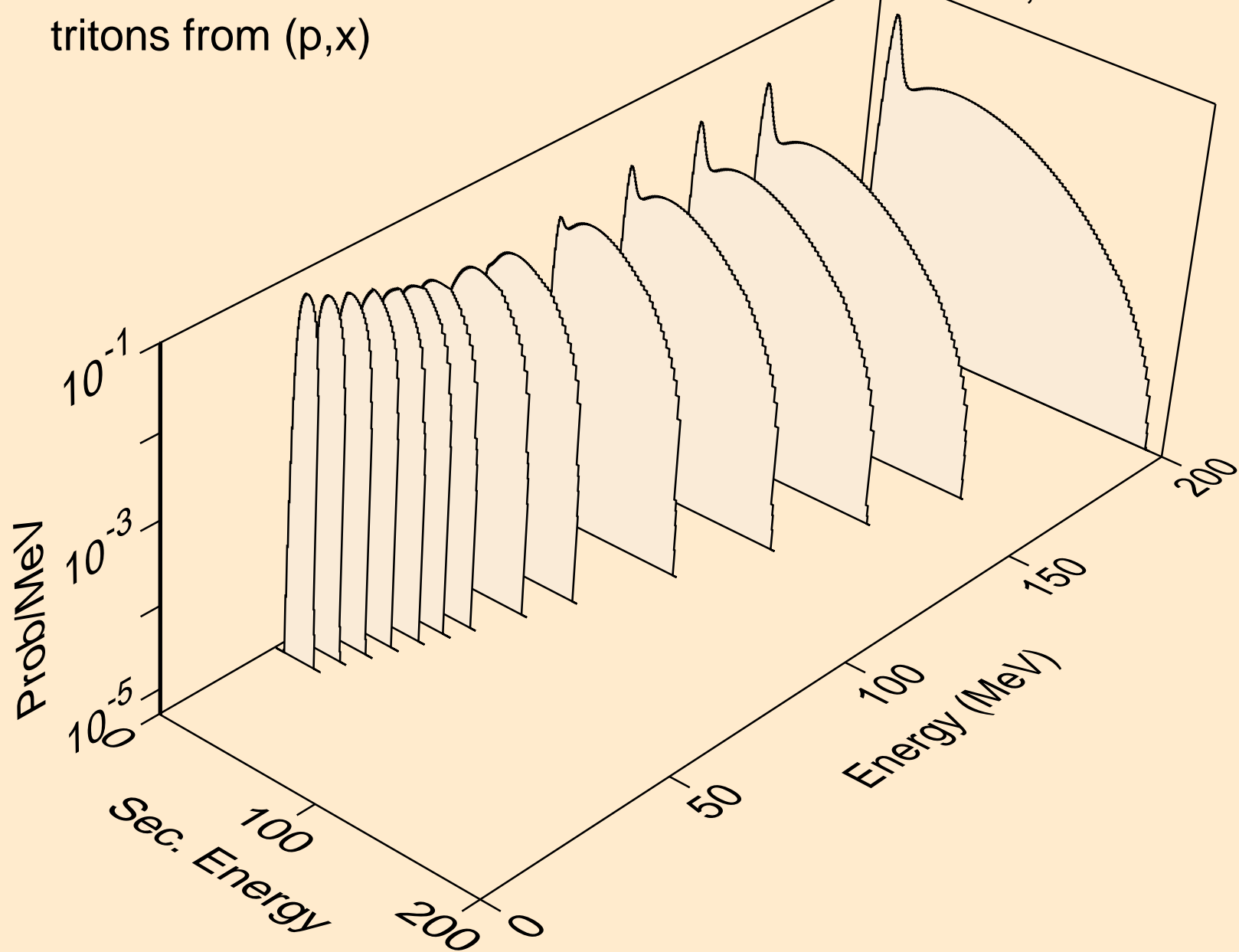




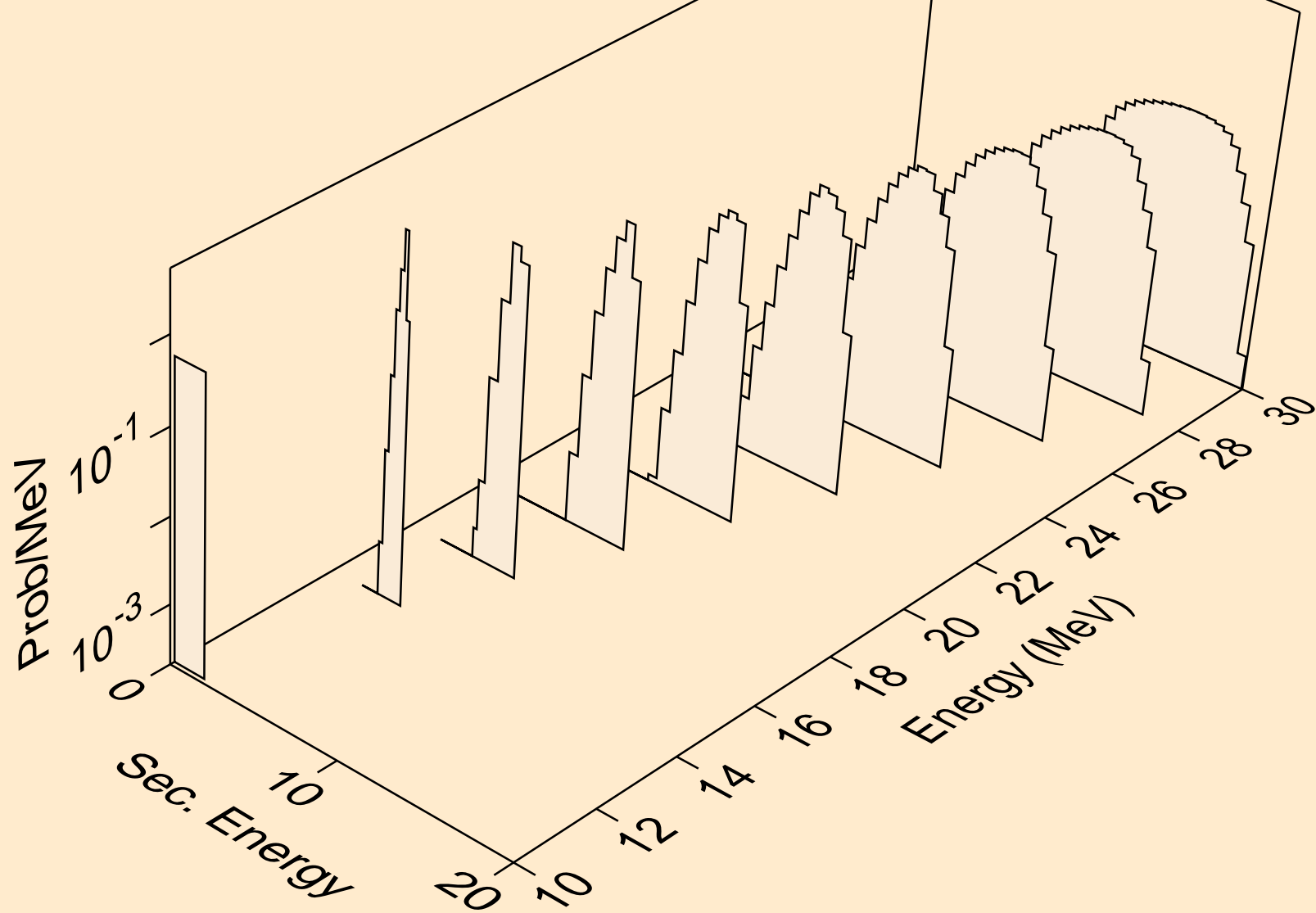
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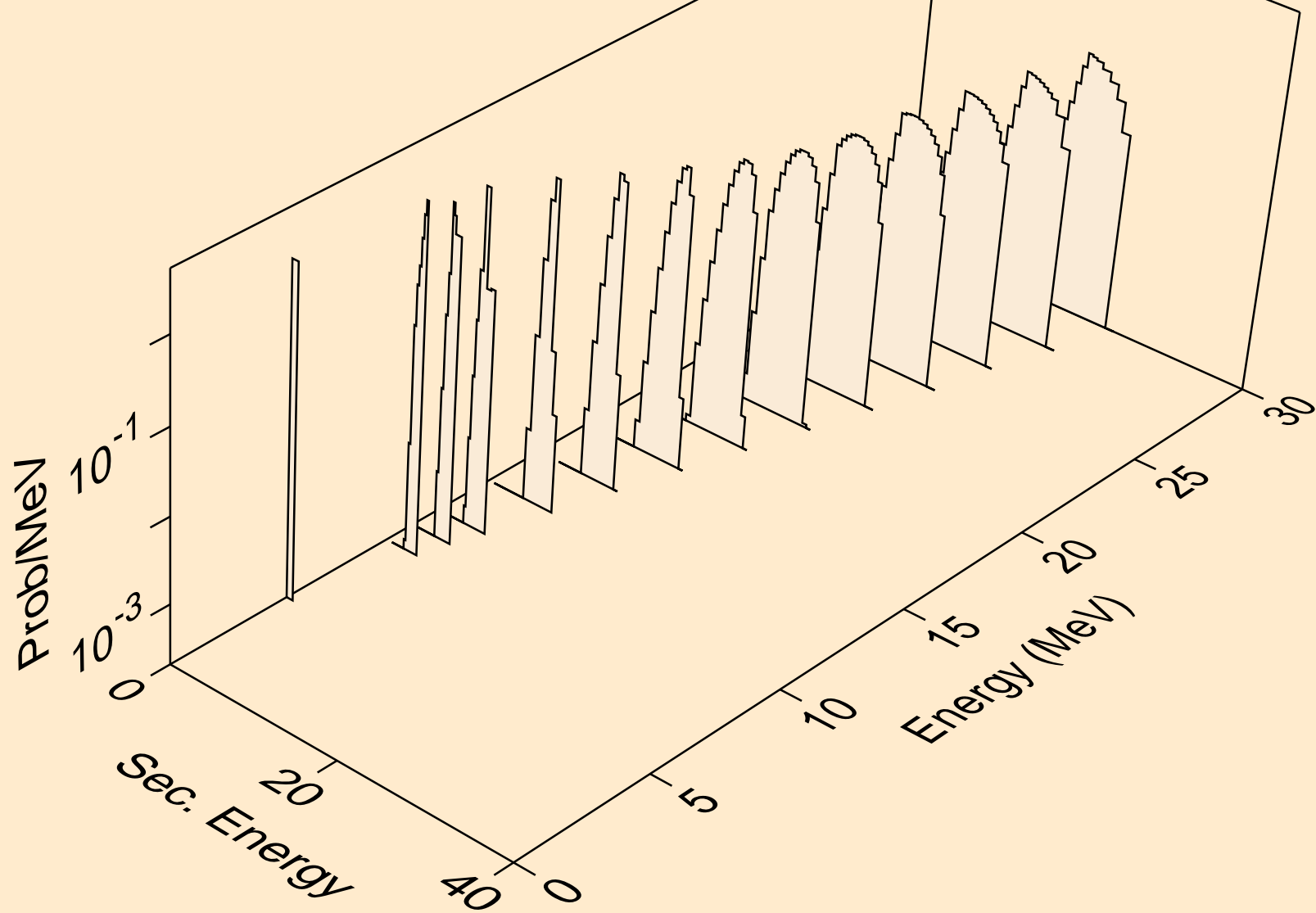
PT199M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)



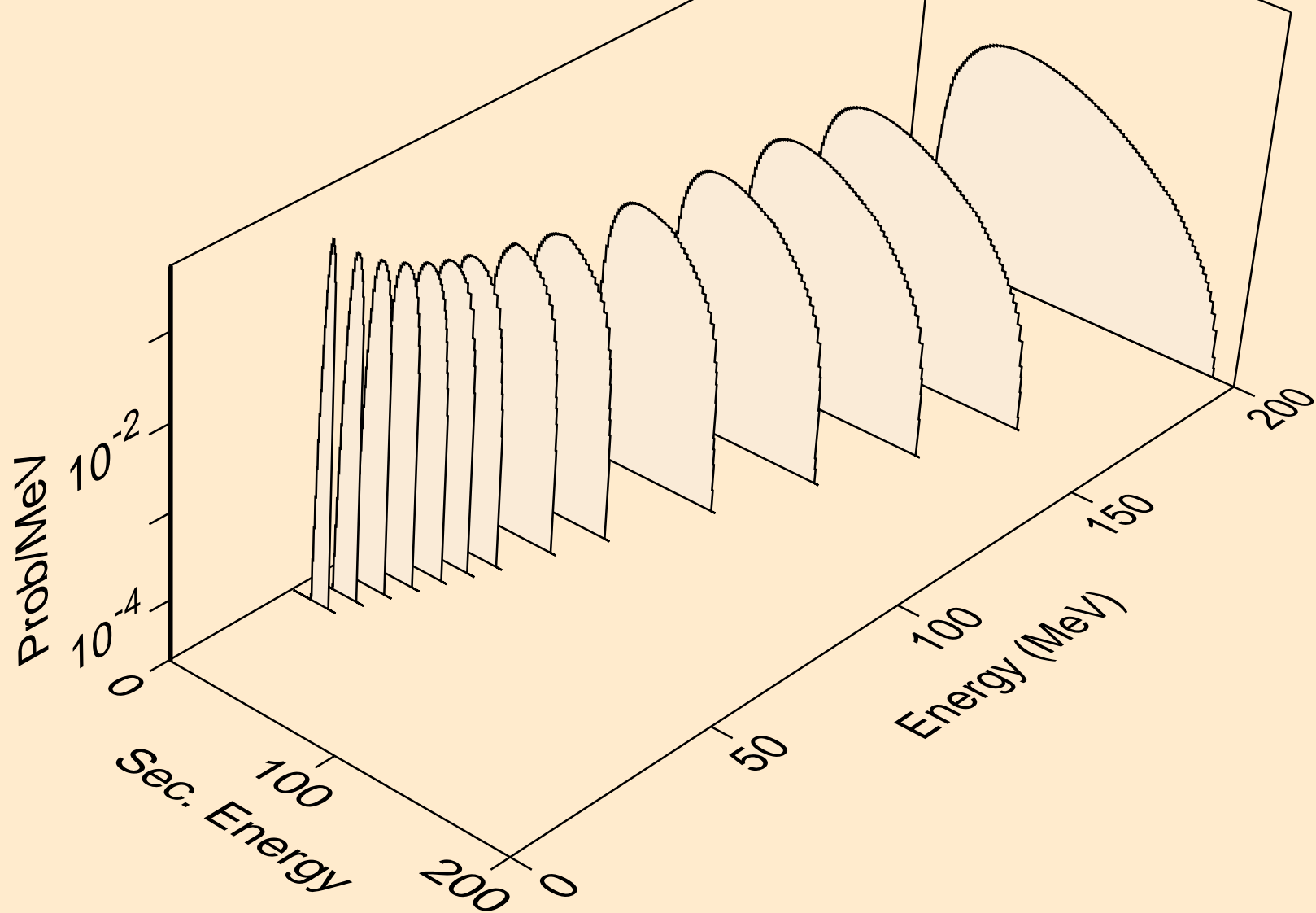
PT199M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,n\*)t



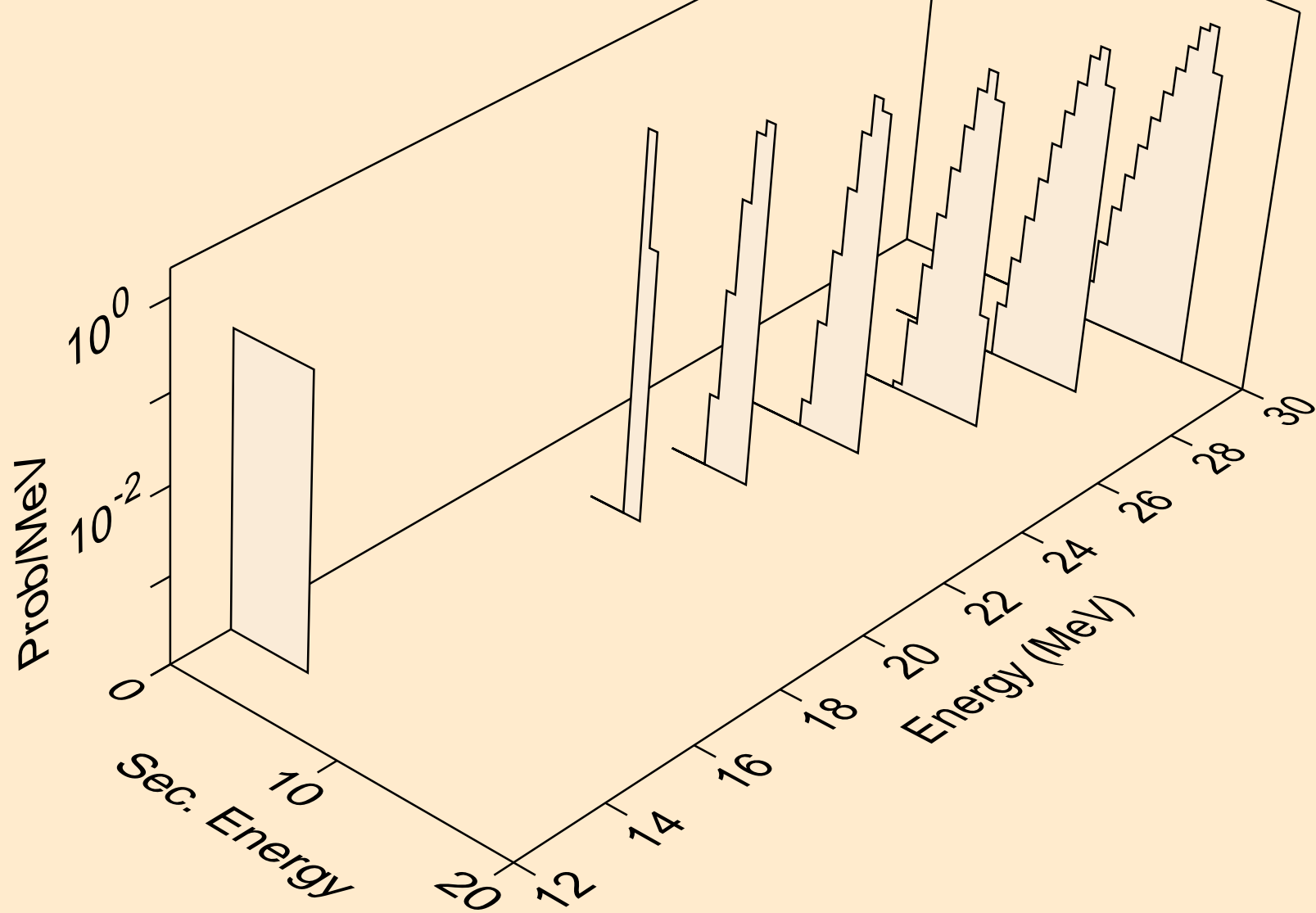
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tritons from (p,t)



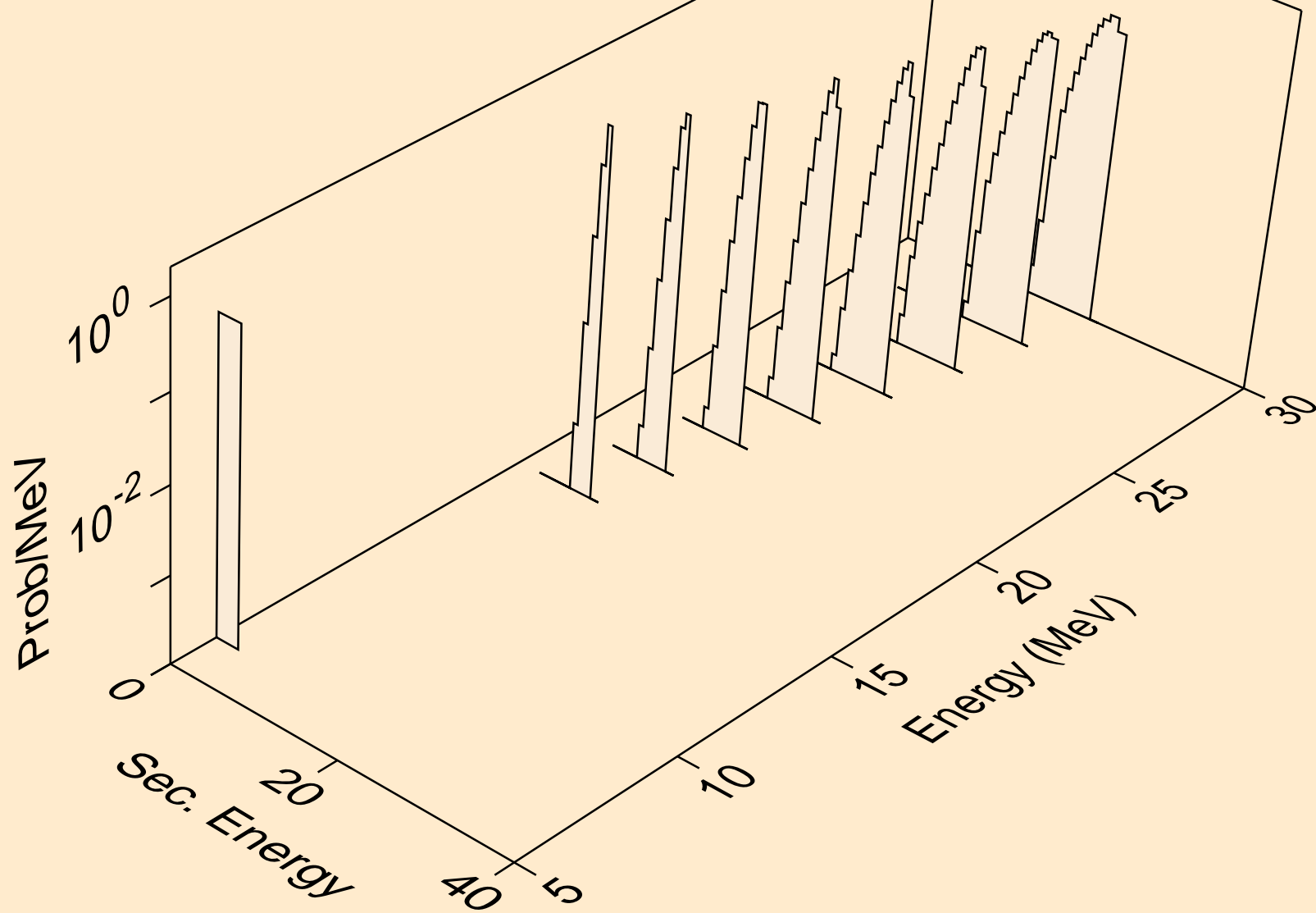
PT199M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)



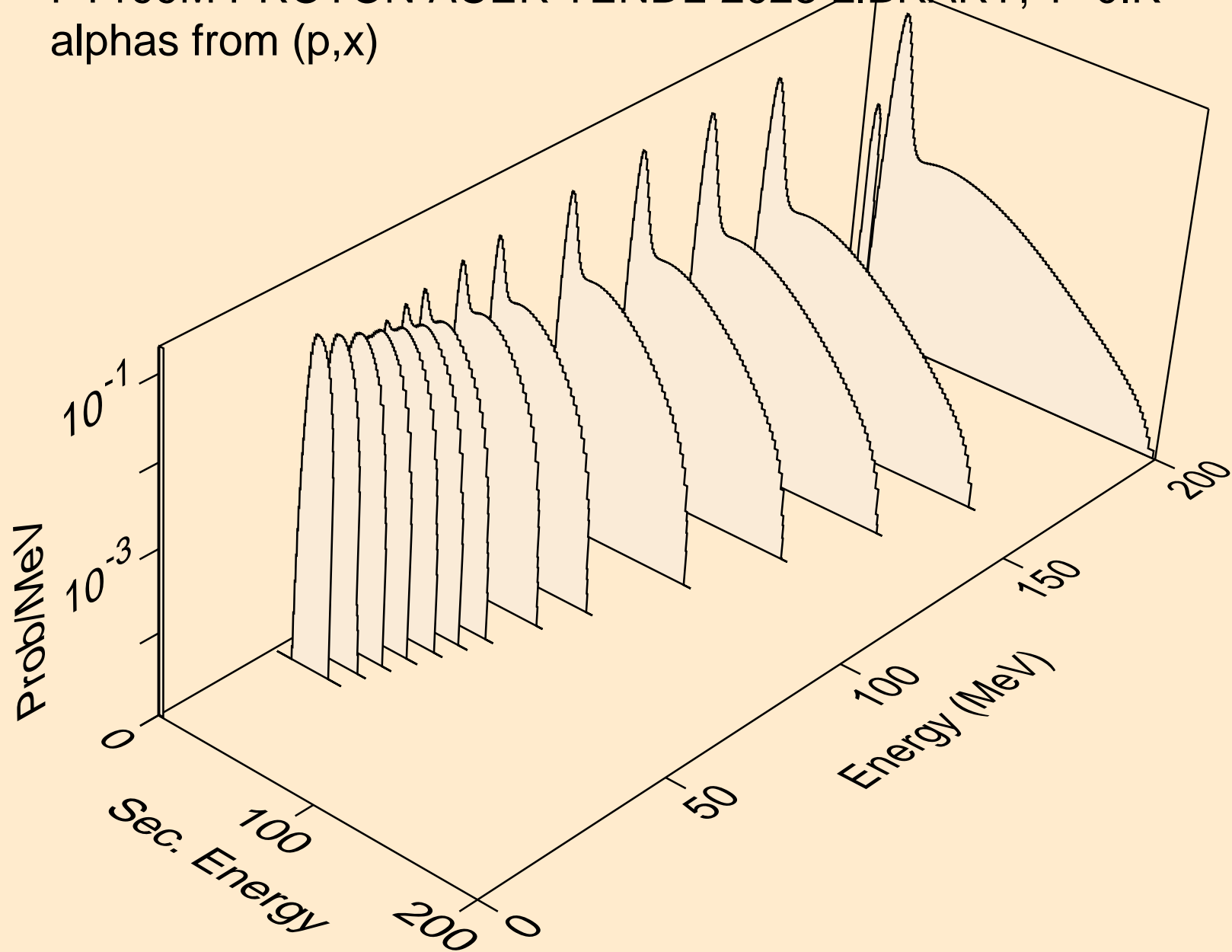
PT199M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,n\*)he3



PT199M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,he3)

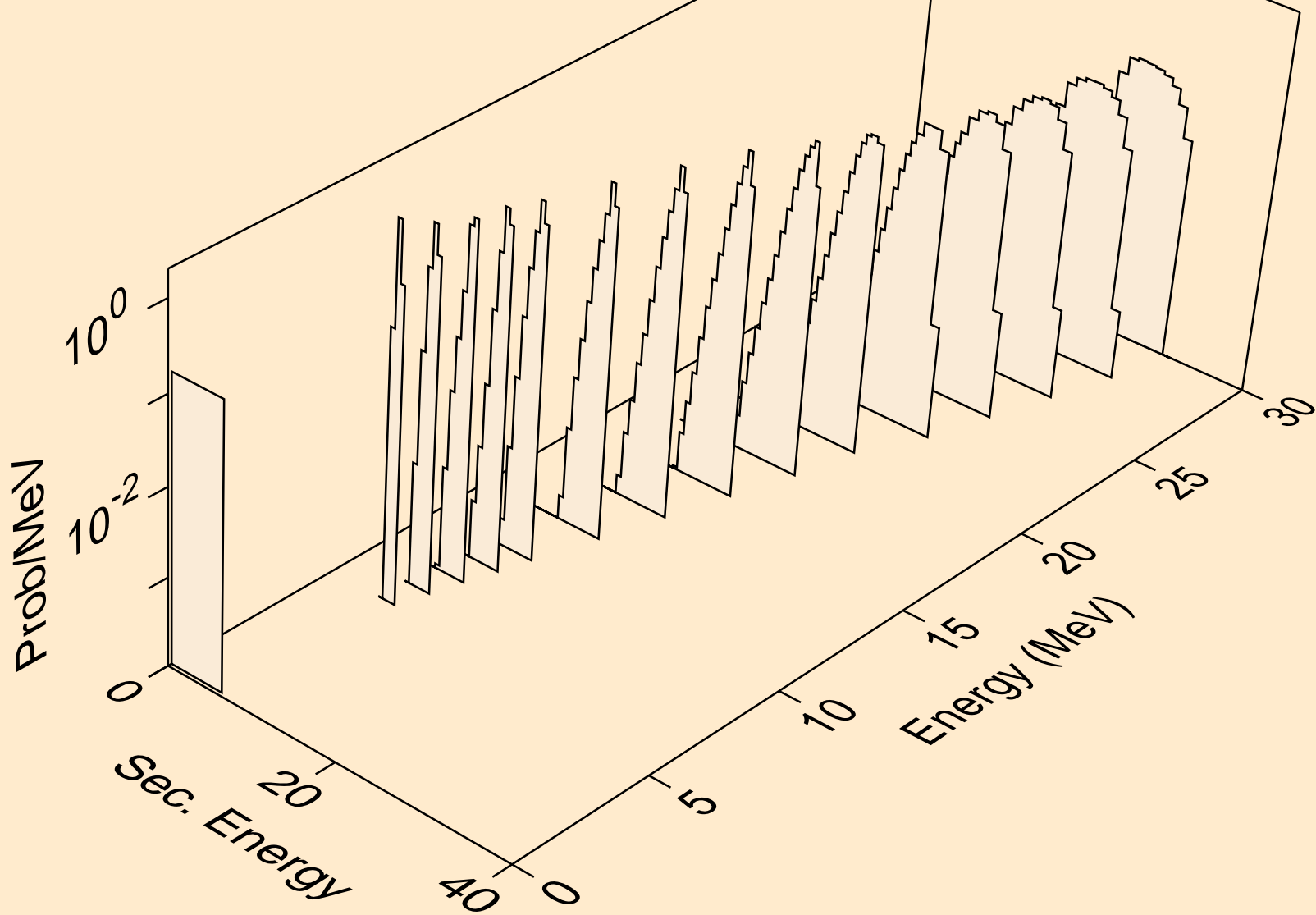


PT199M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)

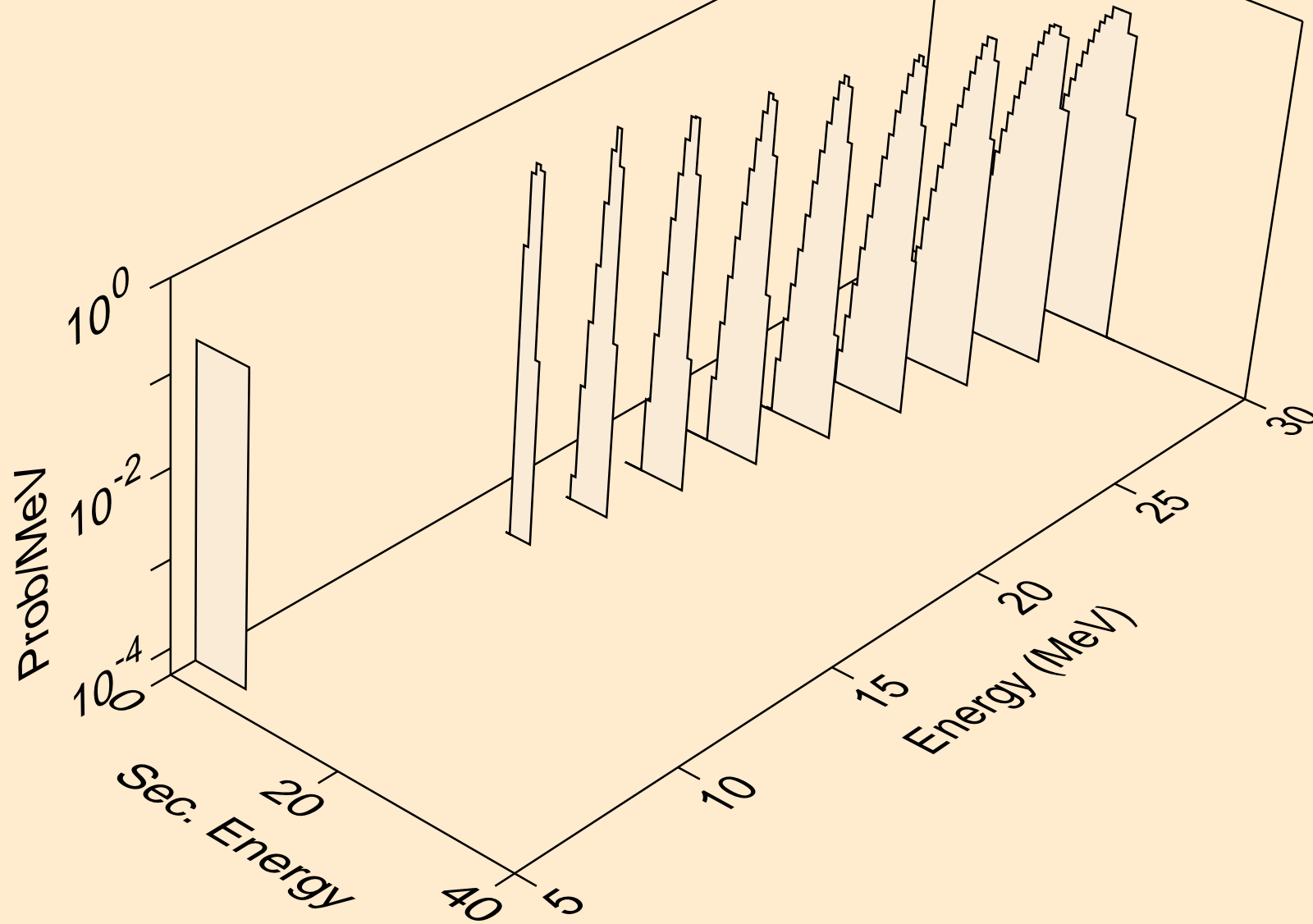




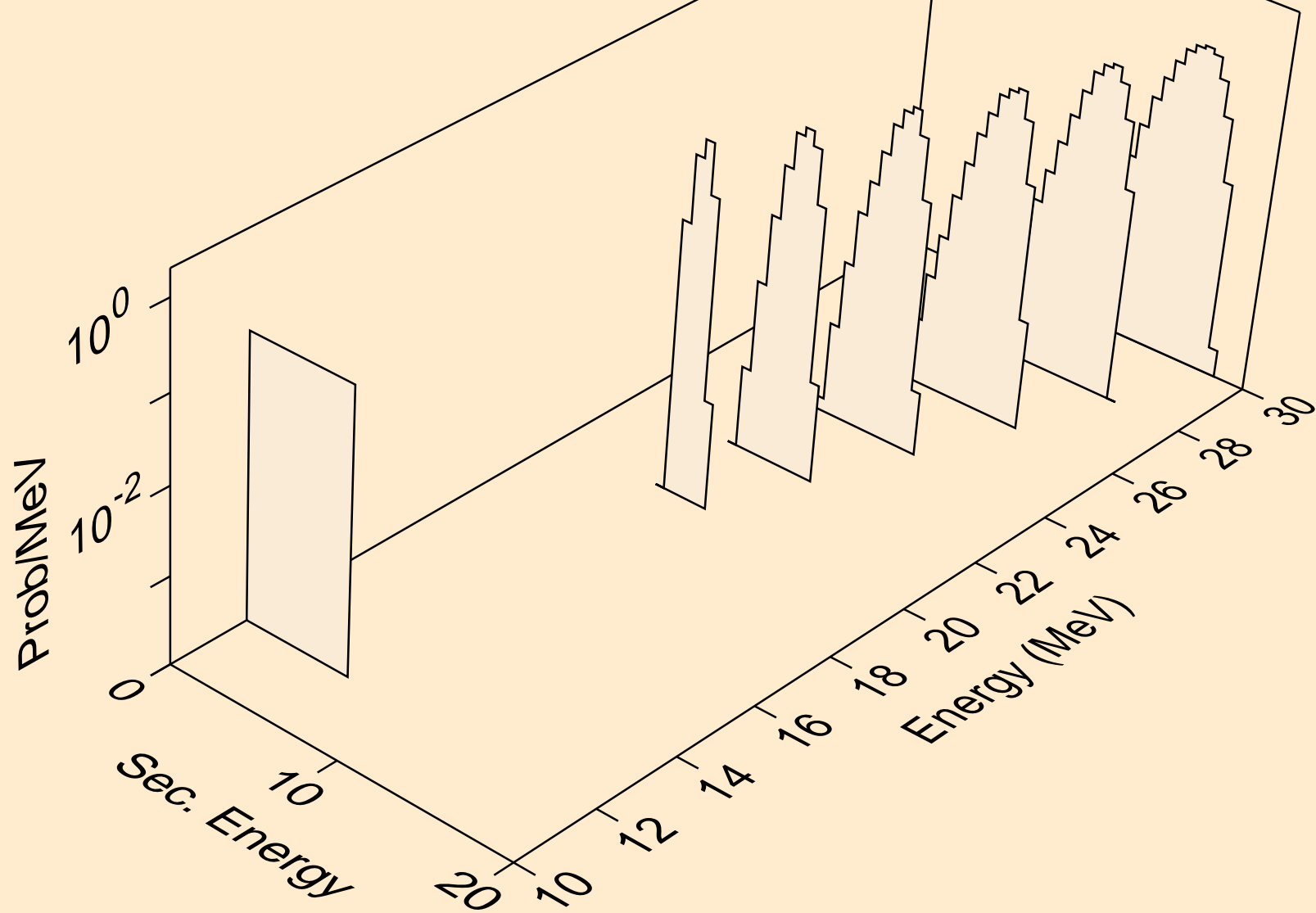
PT199M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a



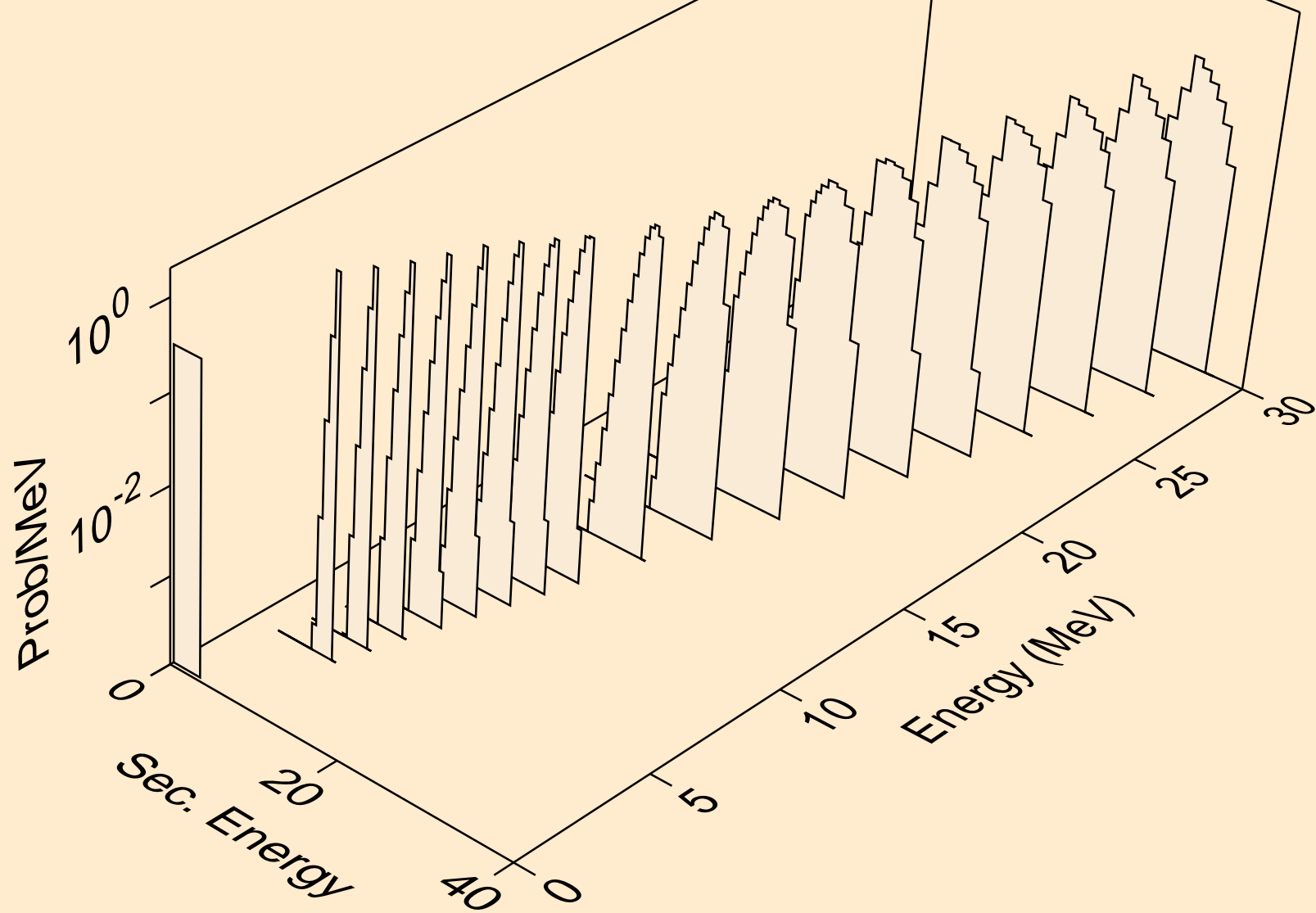
PT199M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)a



PT199M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,3n)a



PT199M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)



PT199M PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,pa)

