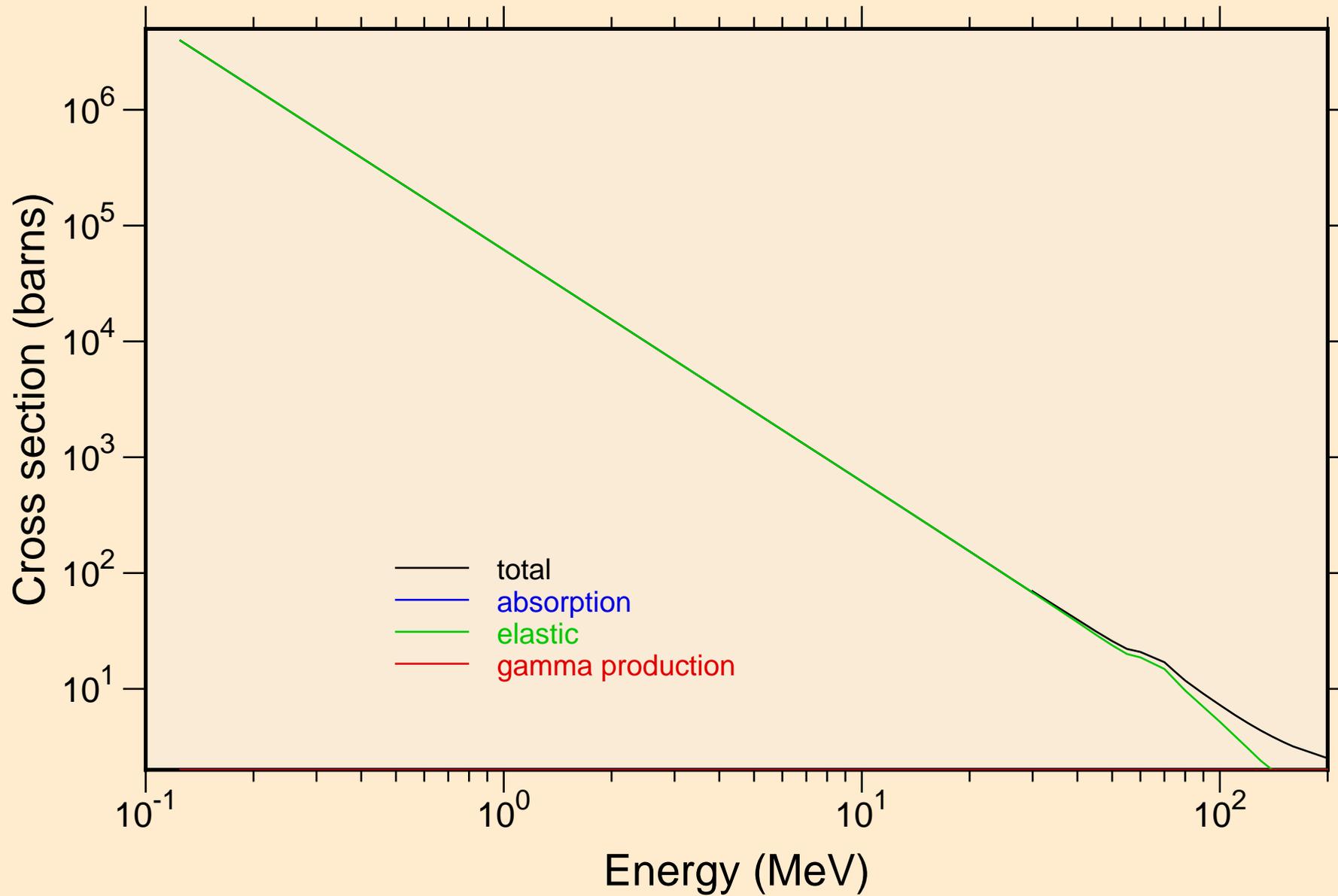
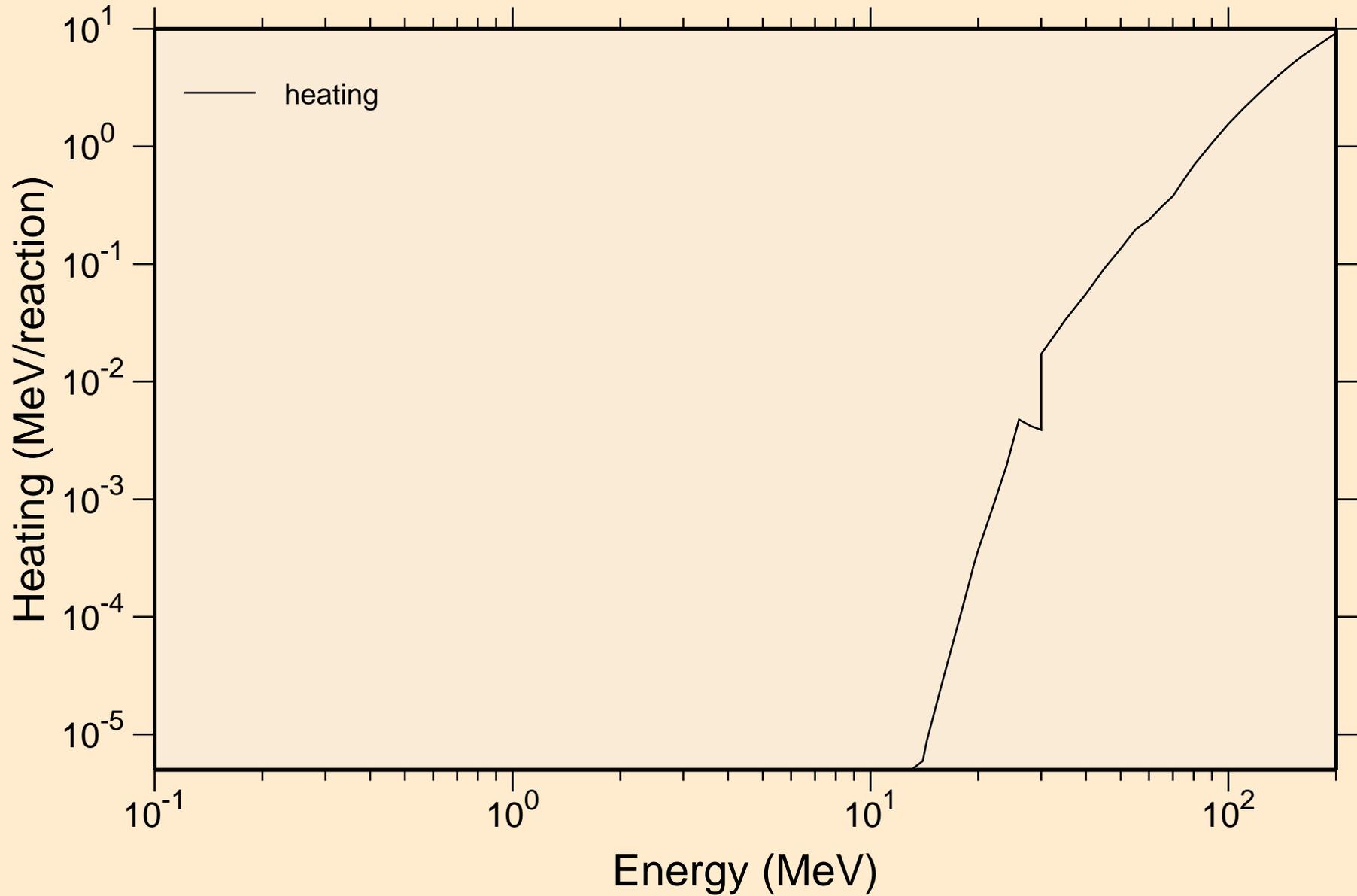


FM249 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections

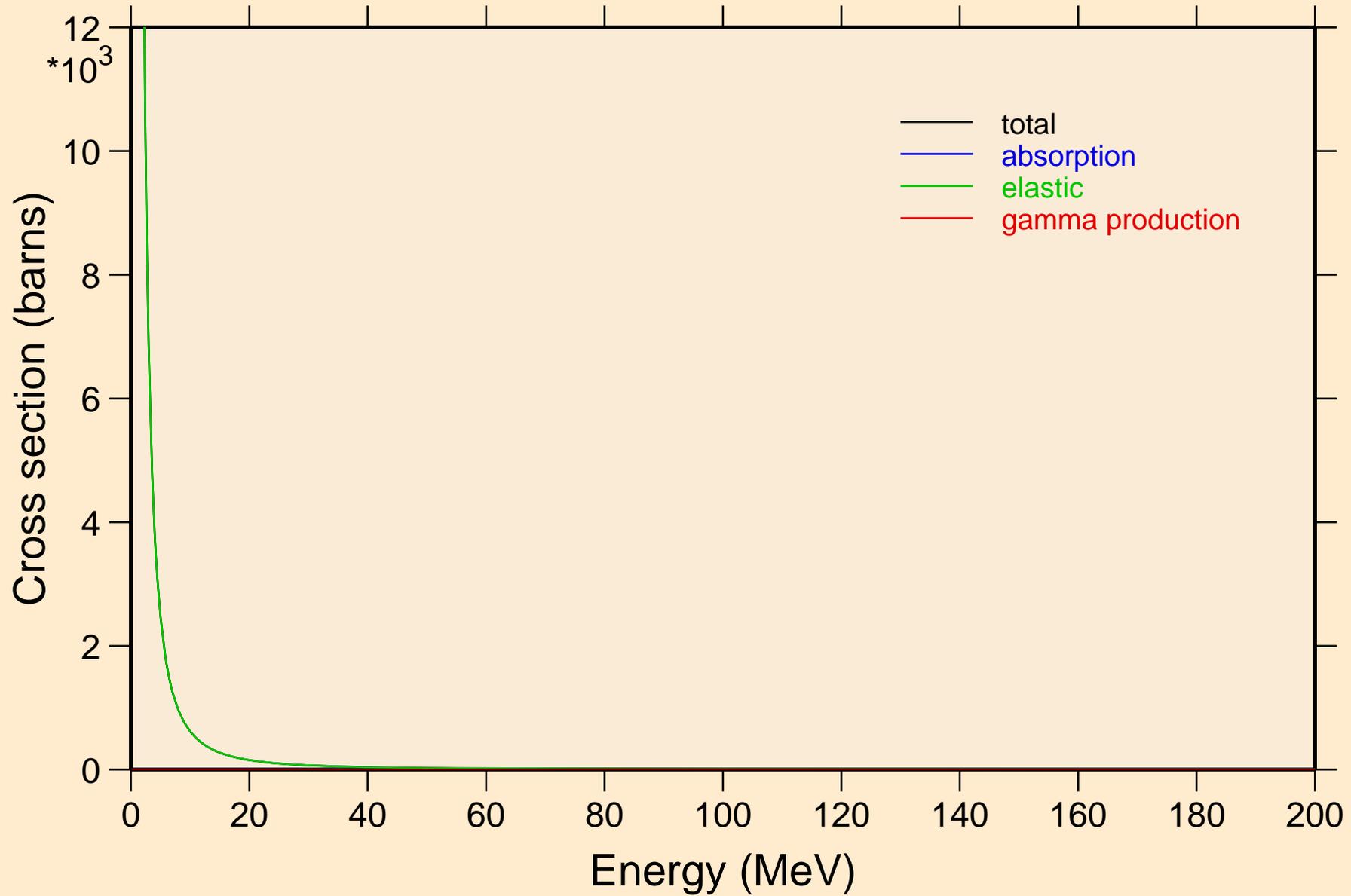


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## Heating

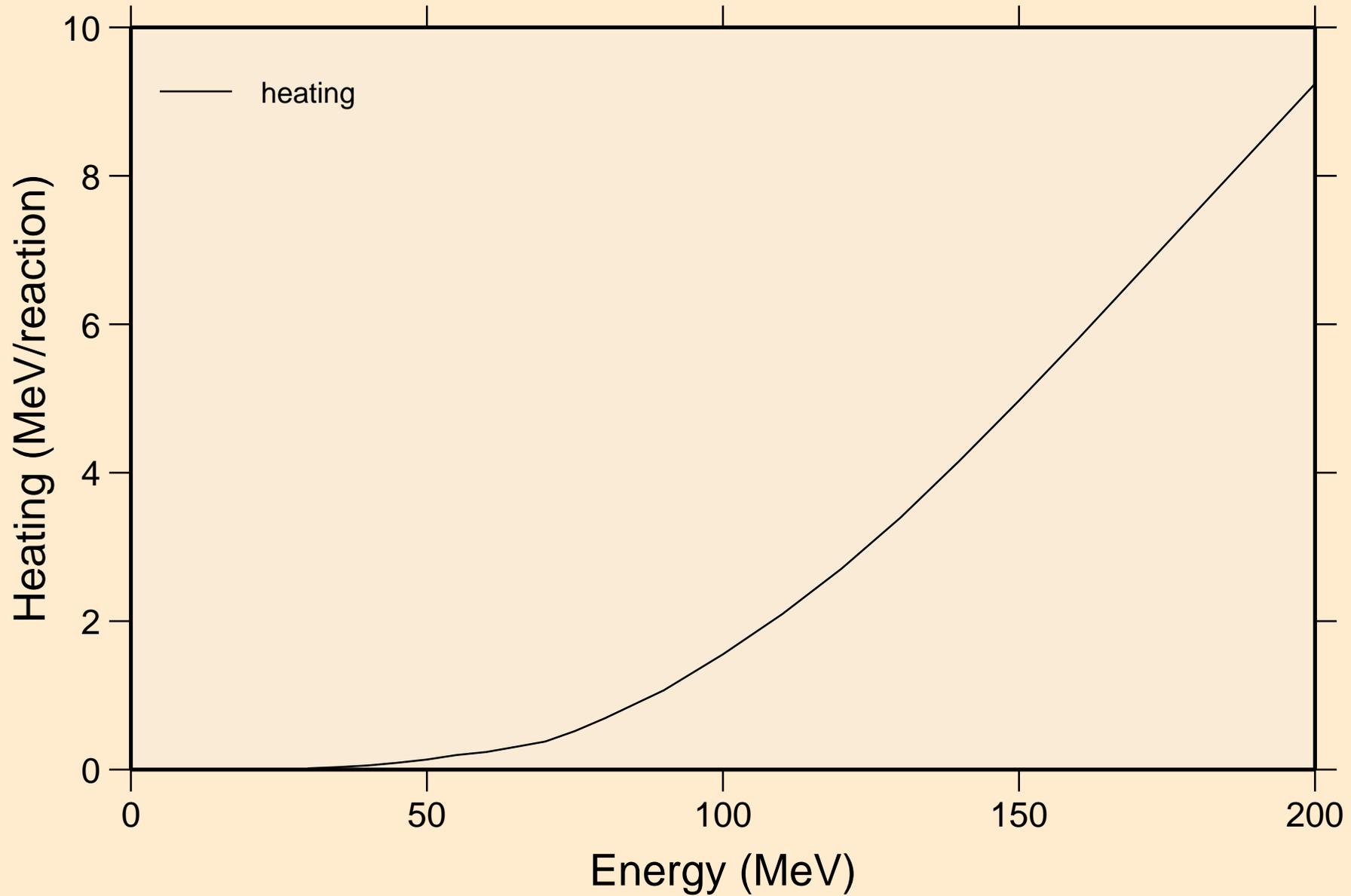


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Principal cross sections



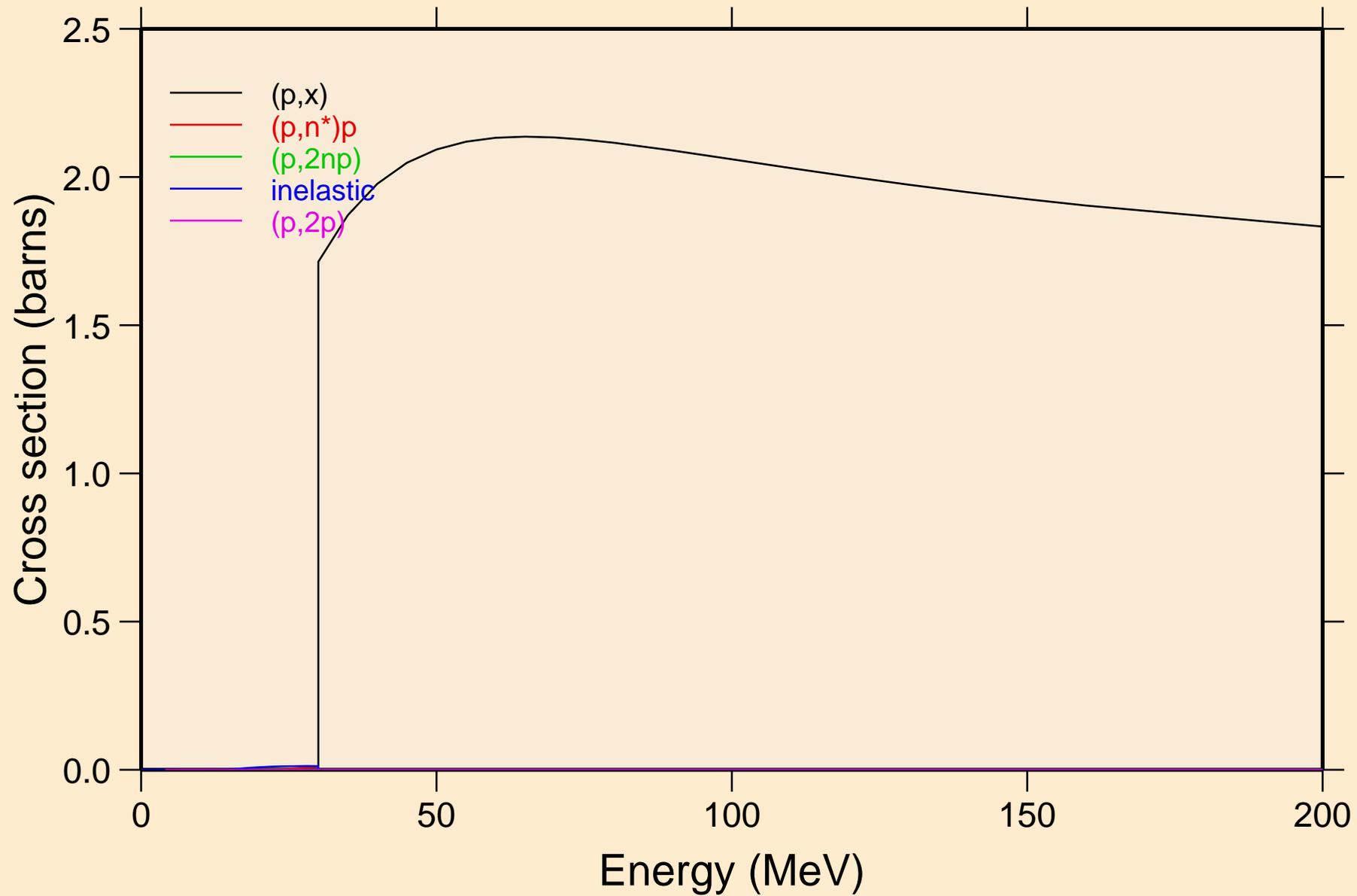
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Heating

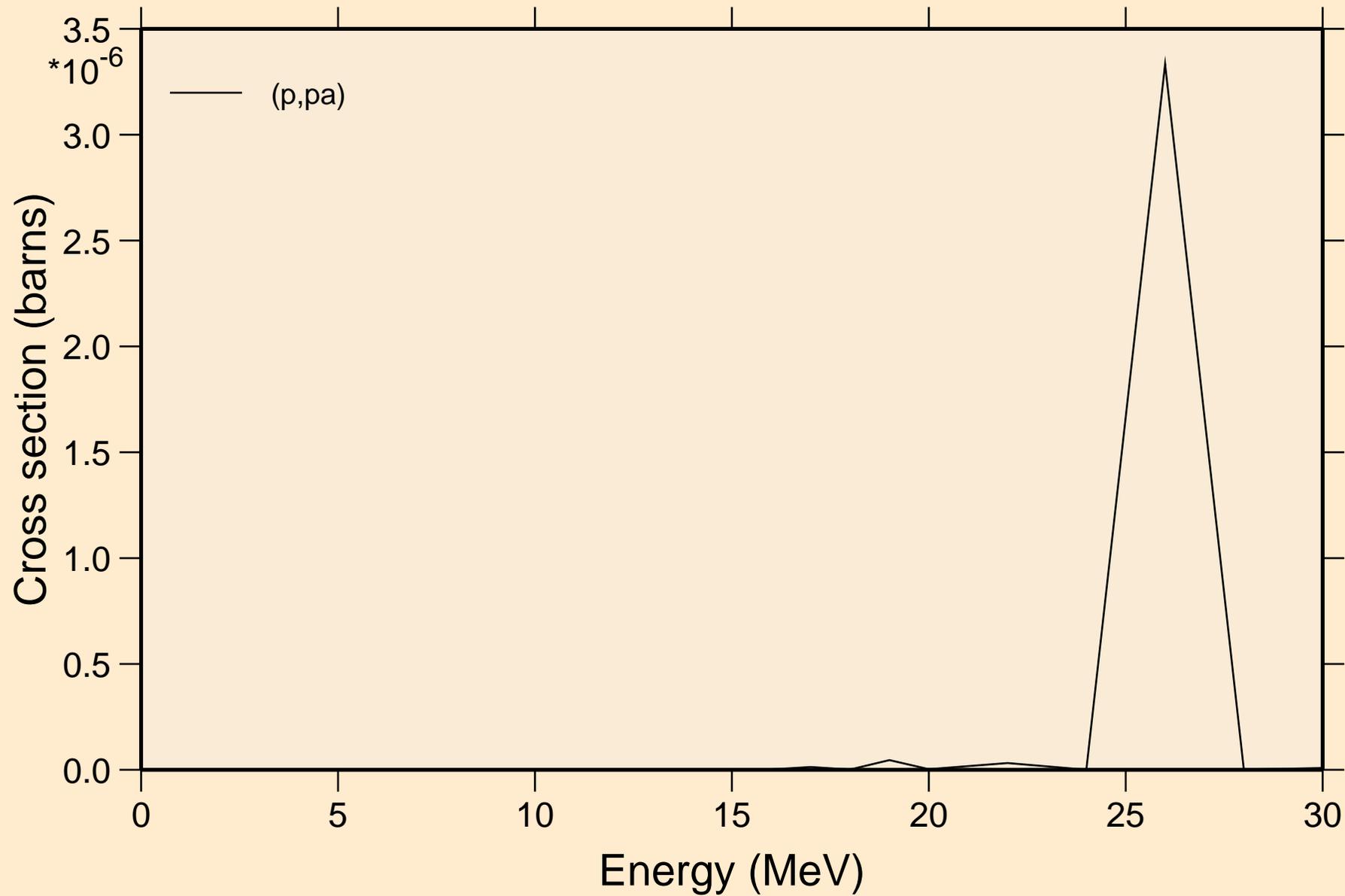


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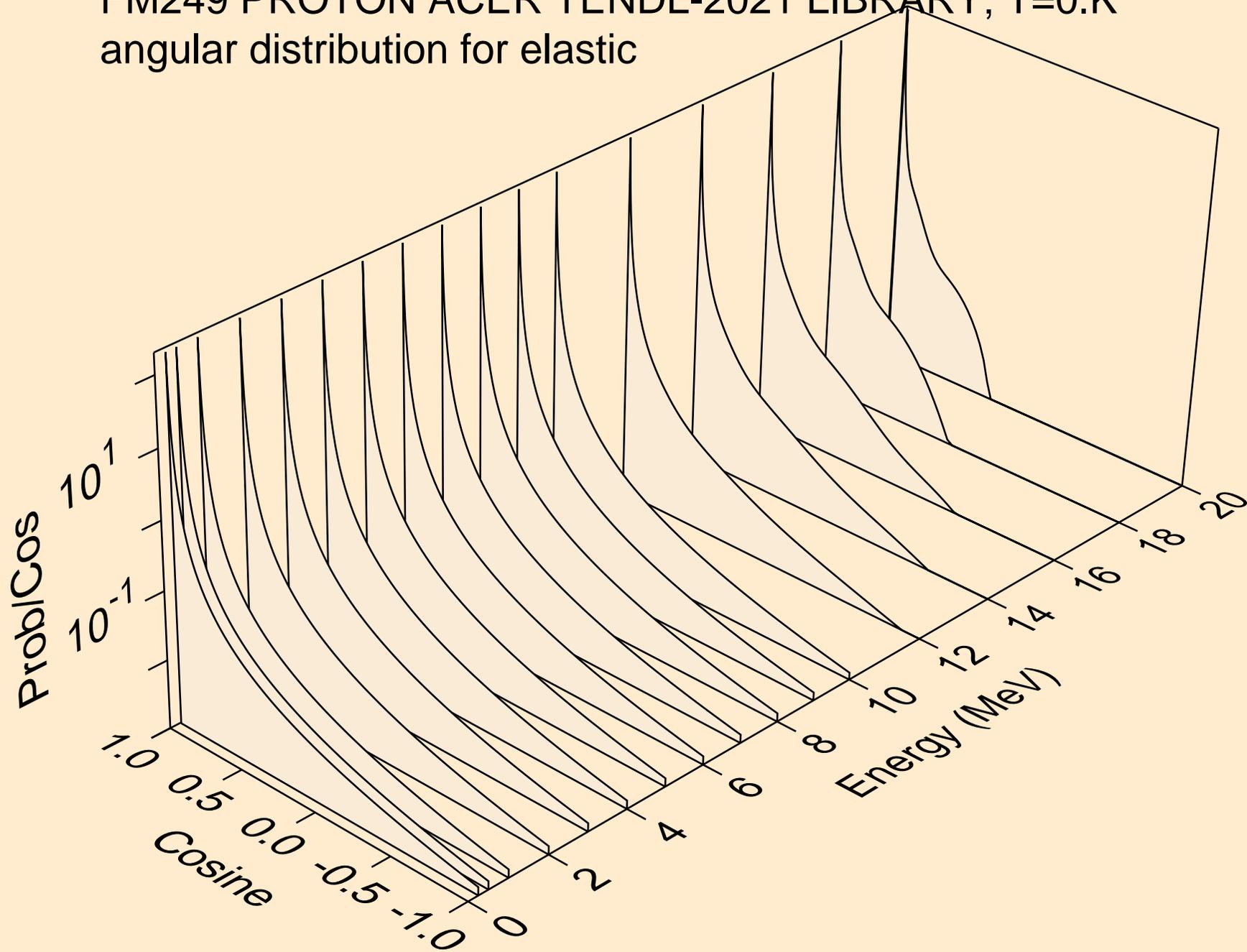
## Threshold reactions



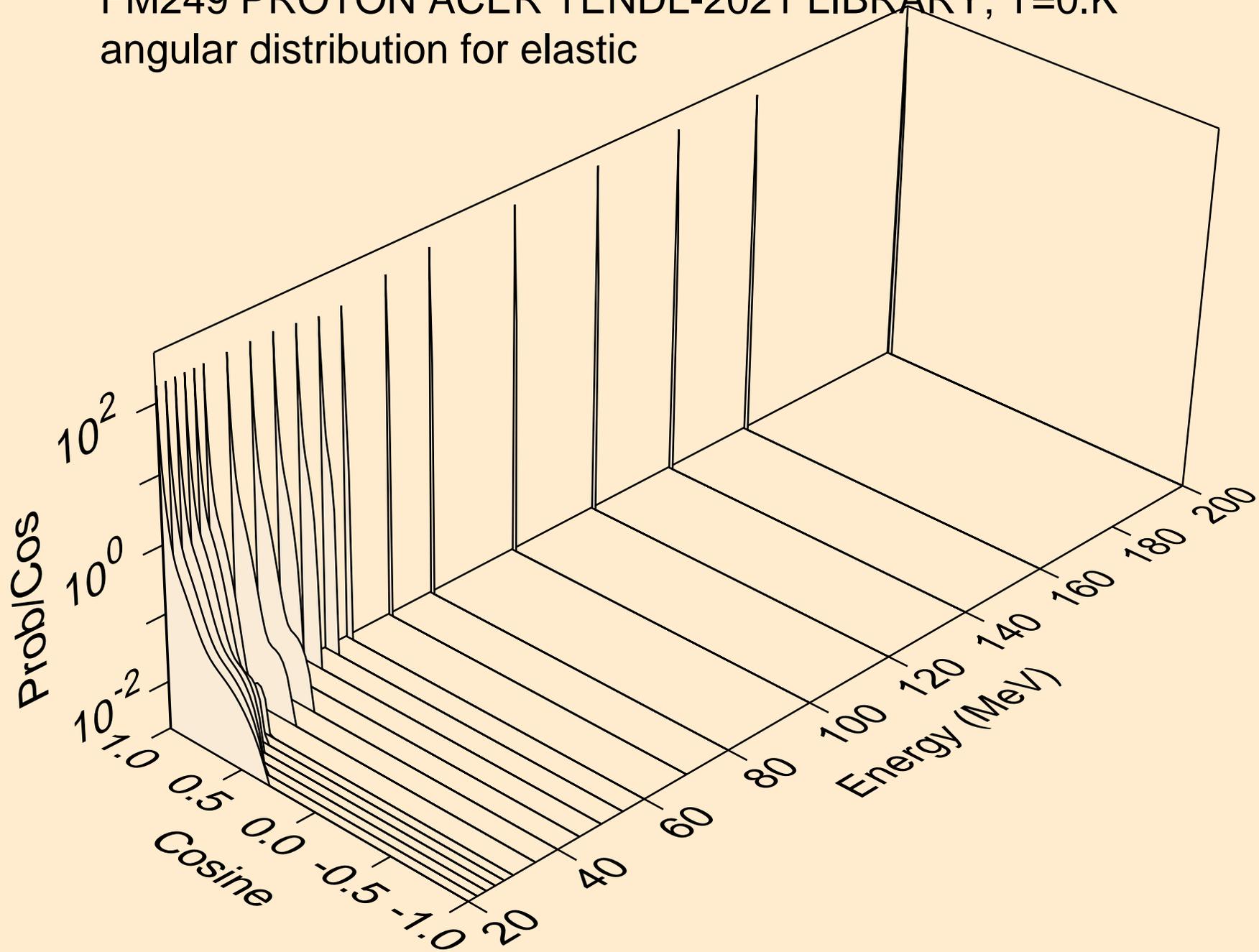
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Threshold reactions



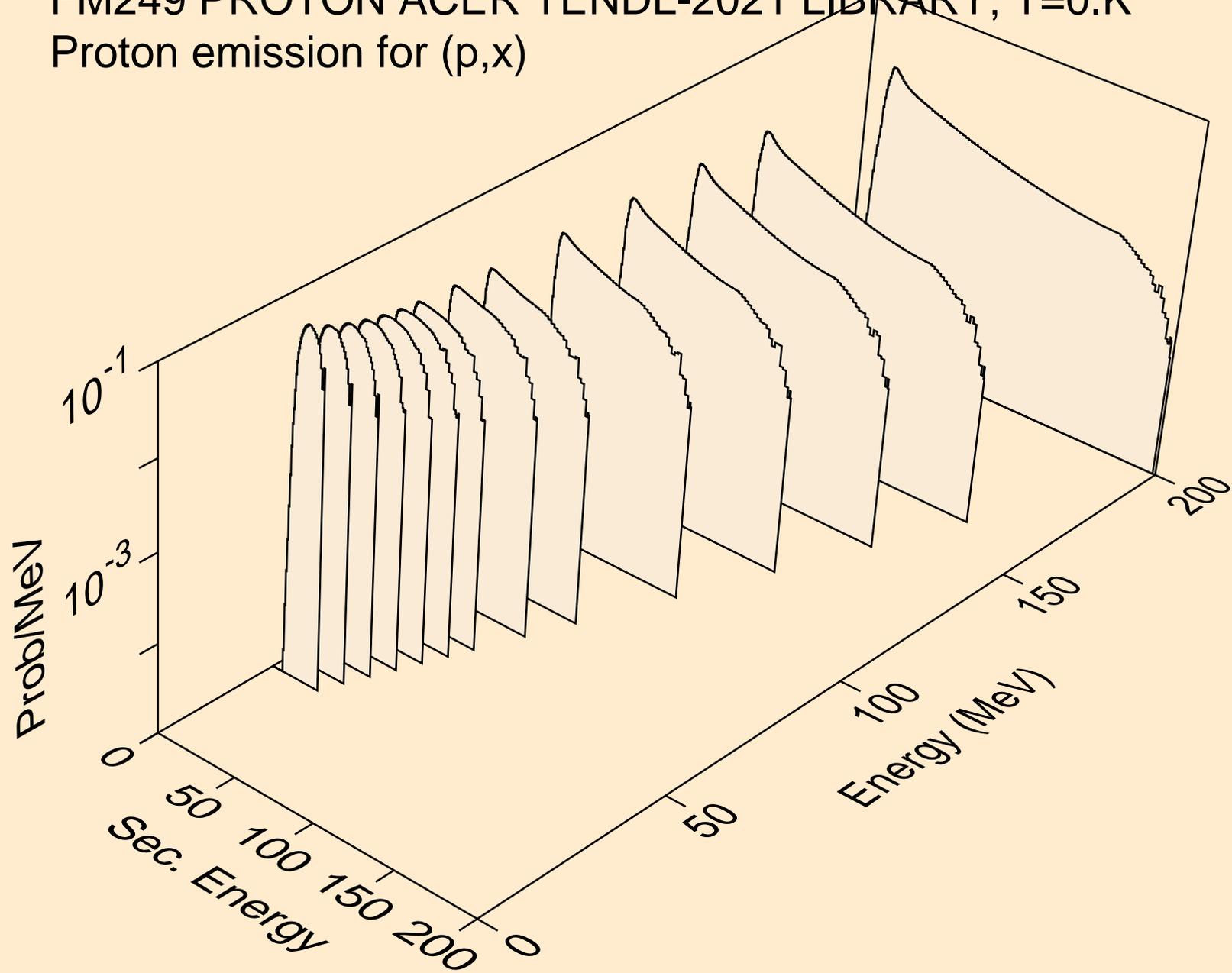
FM249 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



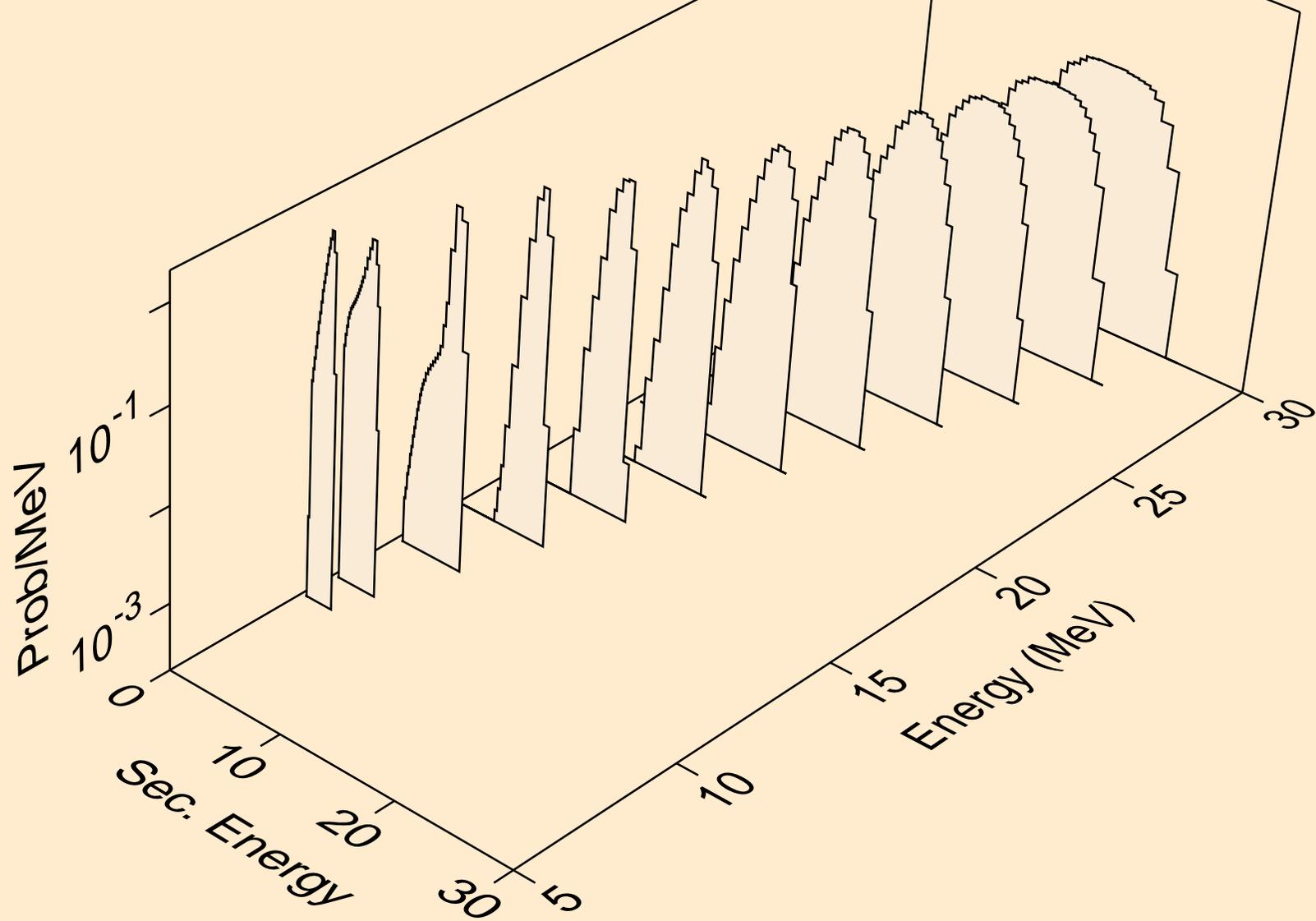
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angular distribution for elastic



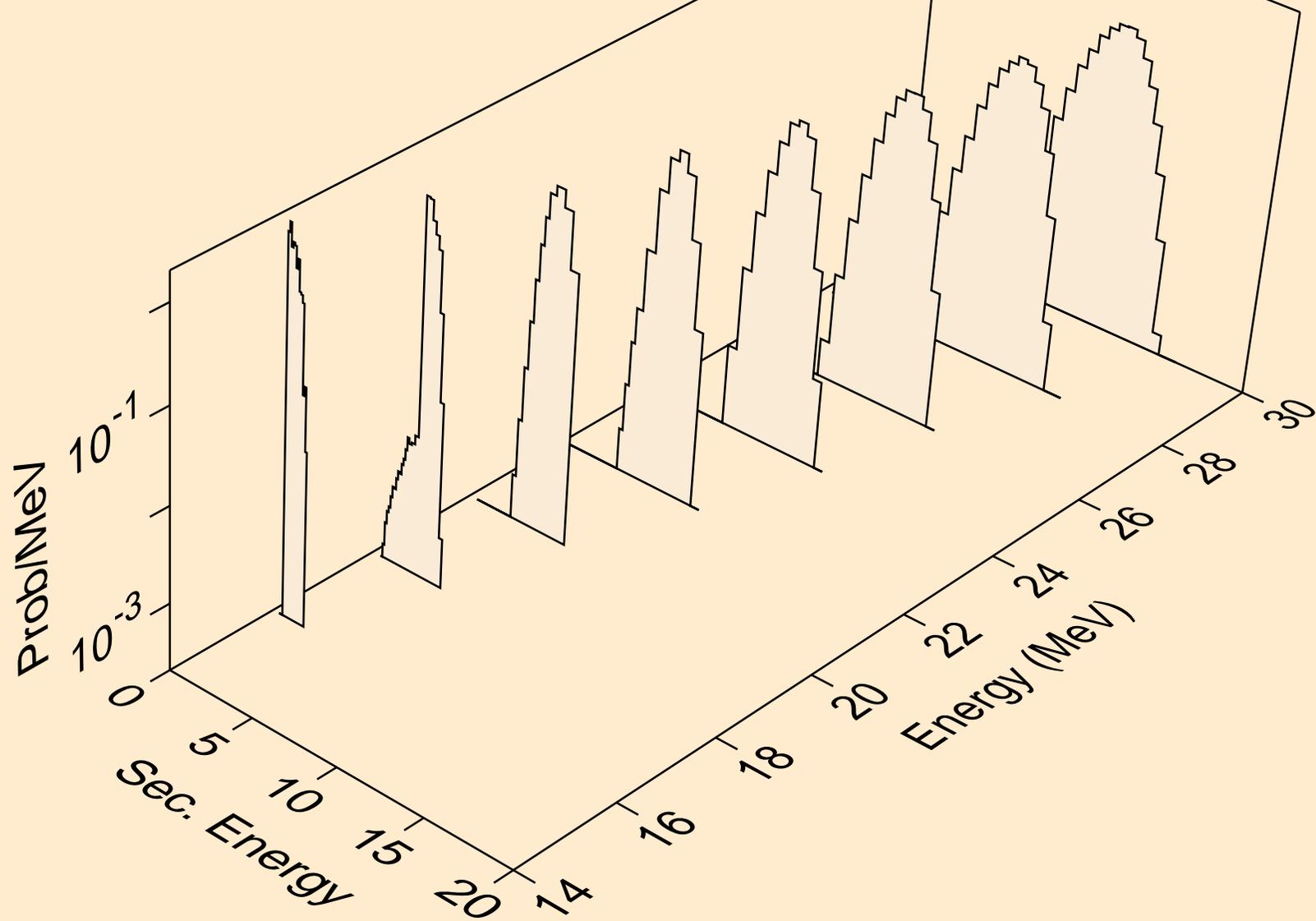
FM249 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,x)



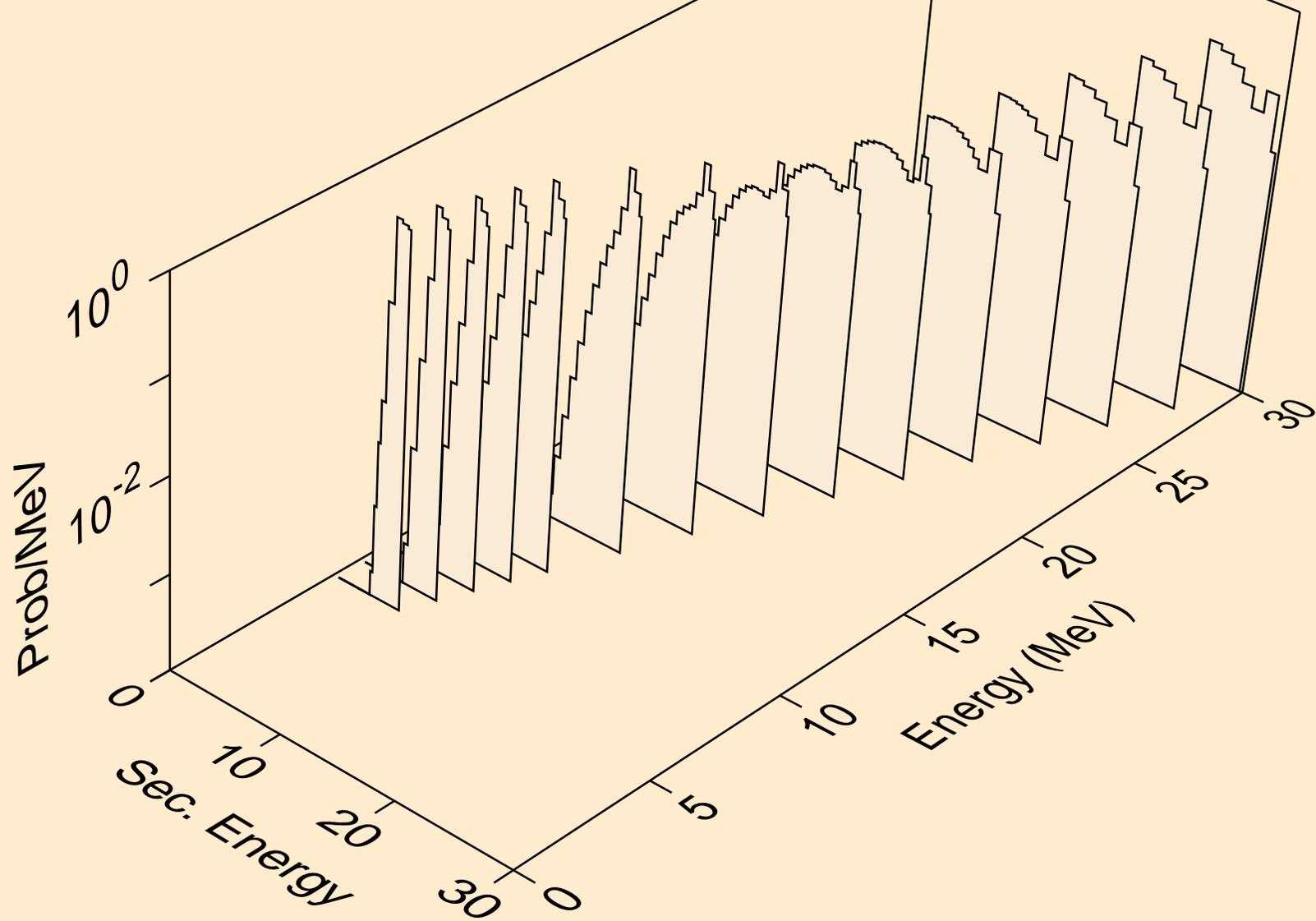
FM249 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



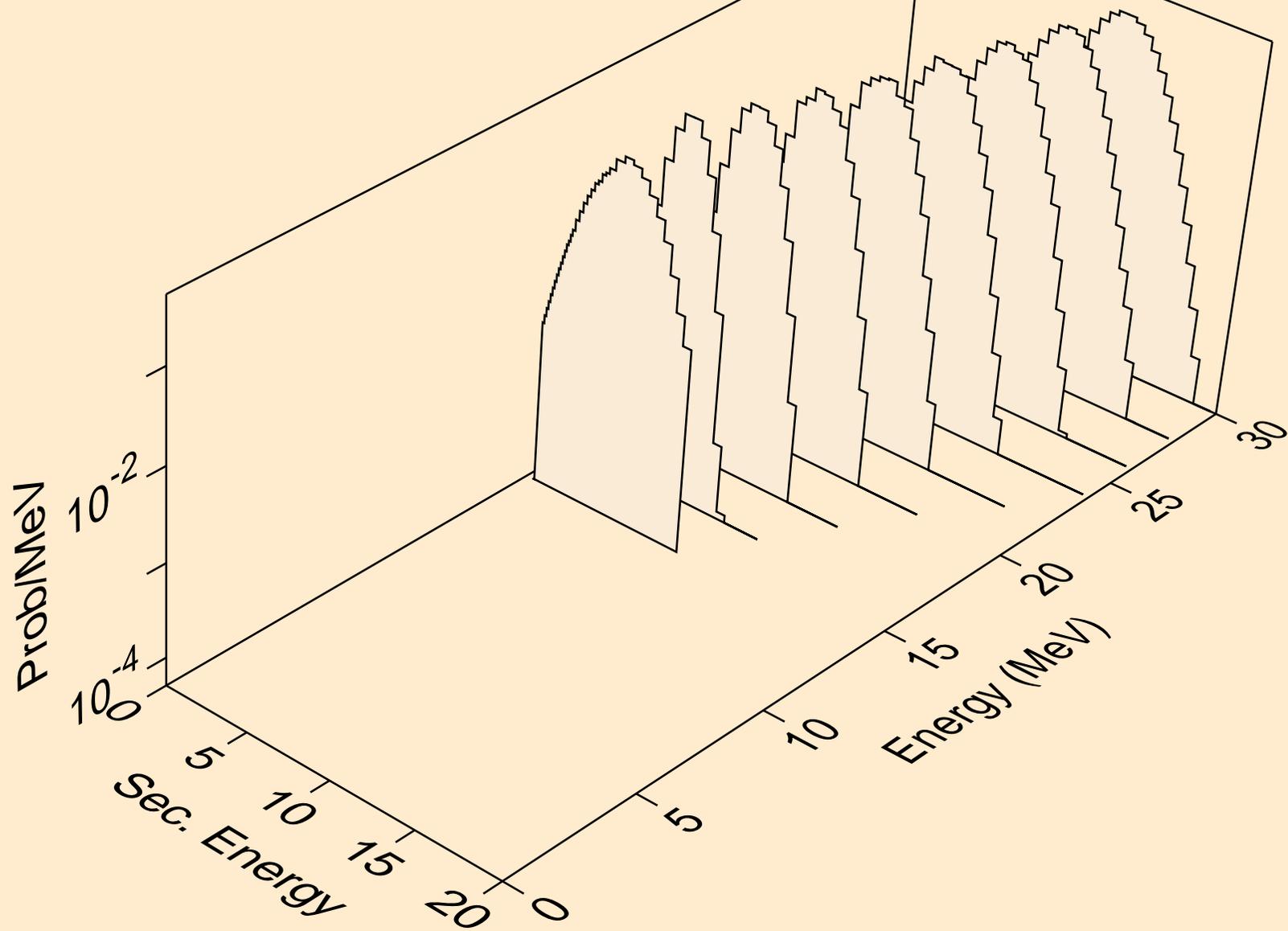
FM249 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for (p,2np)



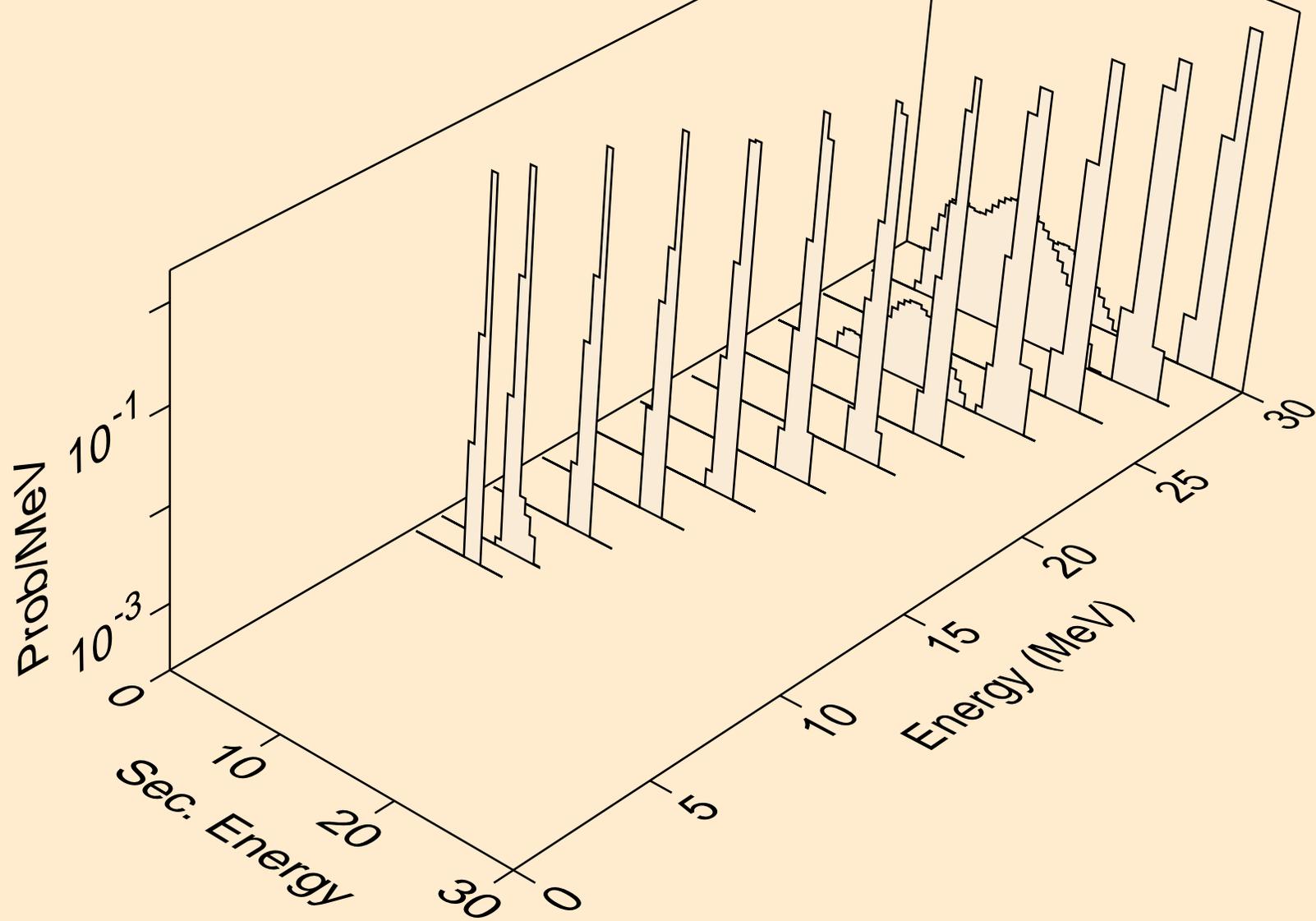
FM249 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Proton emission for inelastic



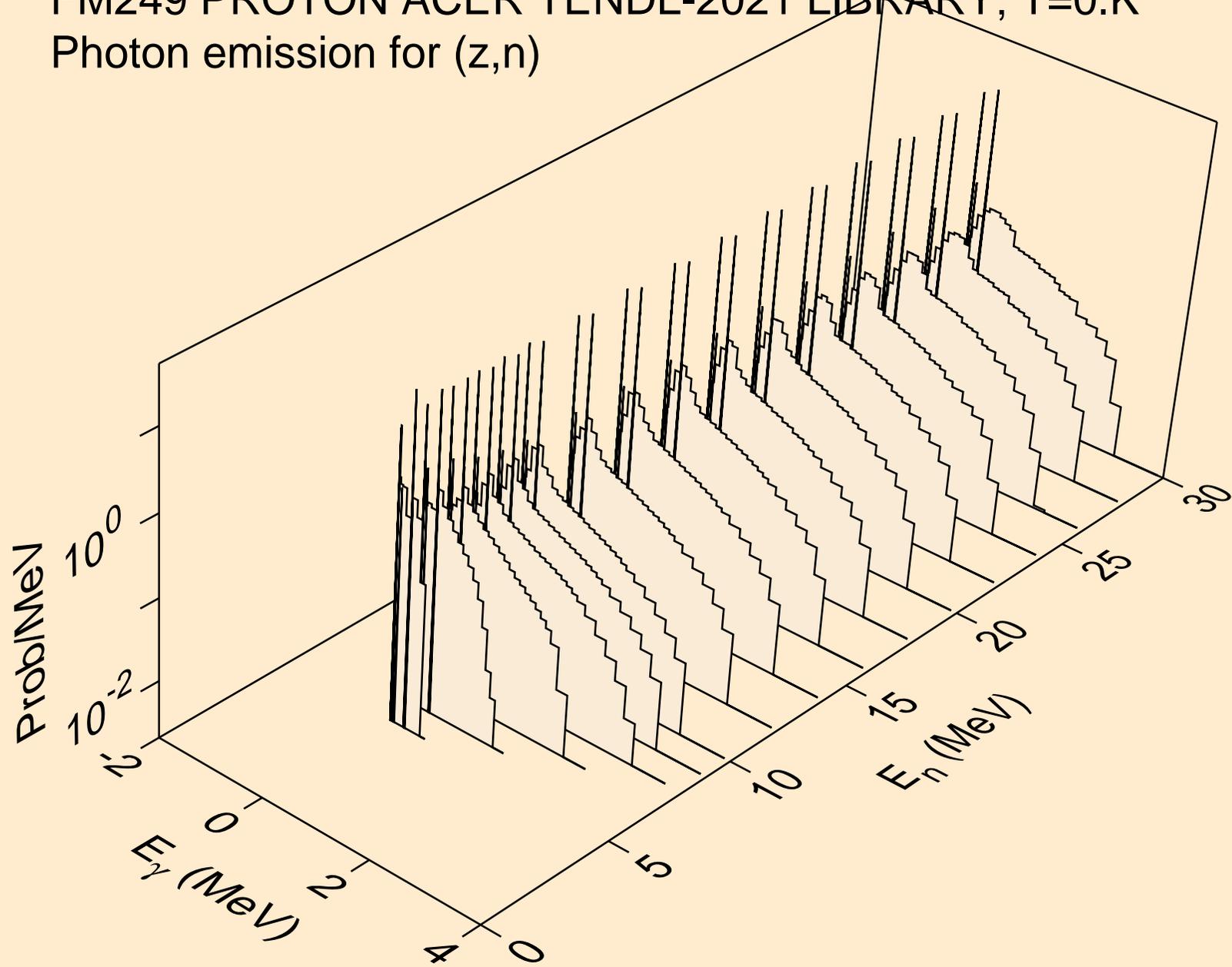
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Proton emission for (p,2p)



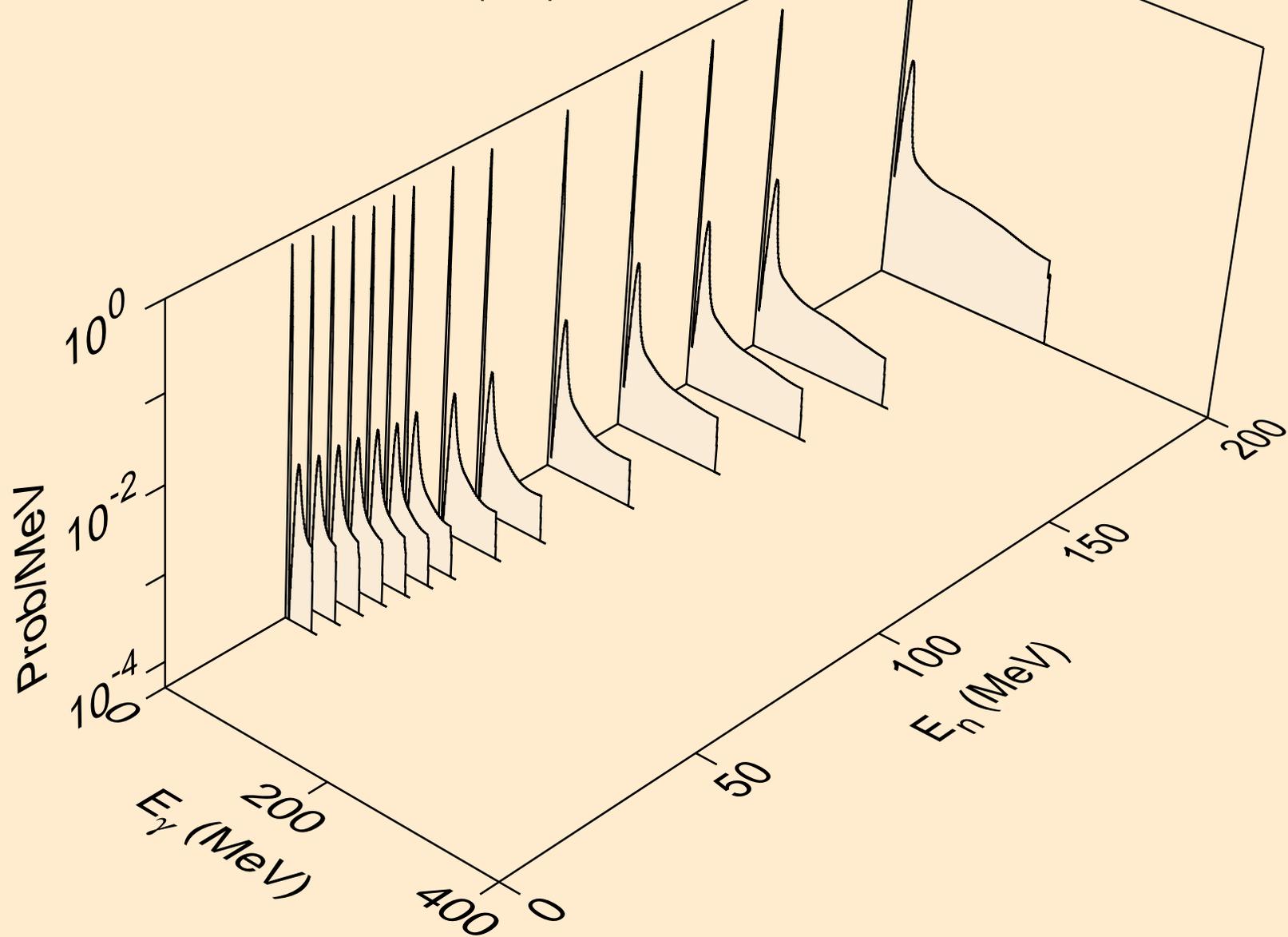
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Proton emission for (p,pa)



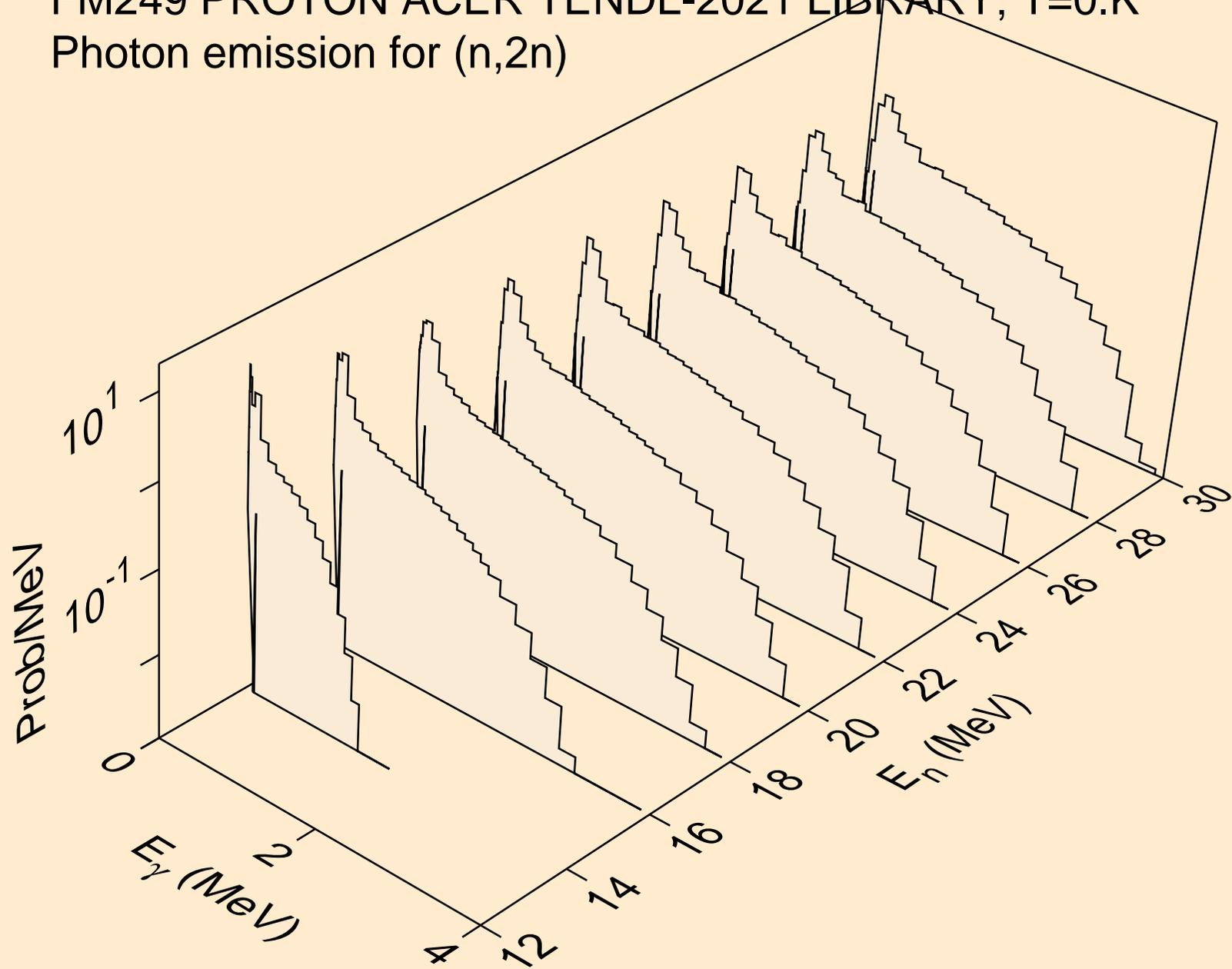
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Photon emission for (z,n)



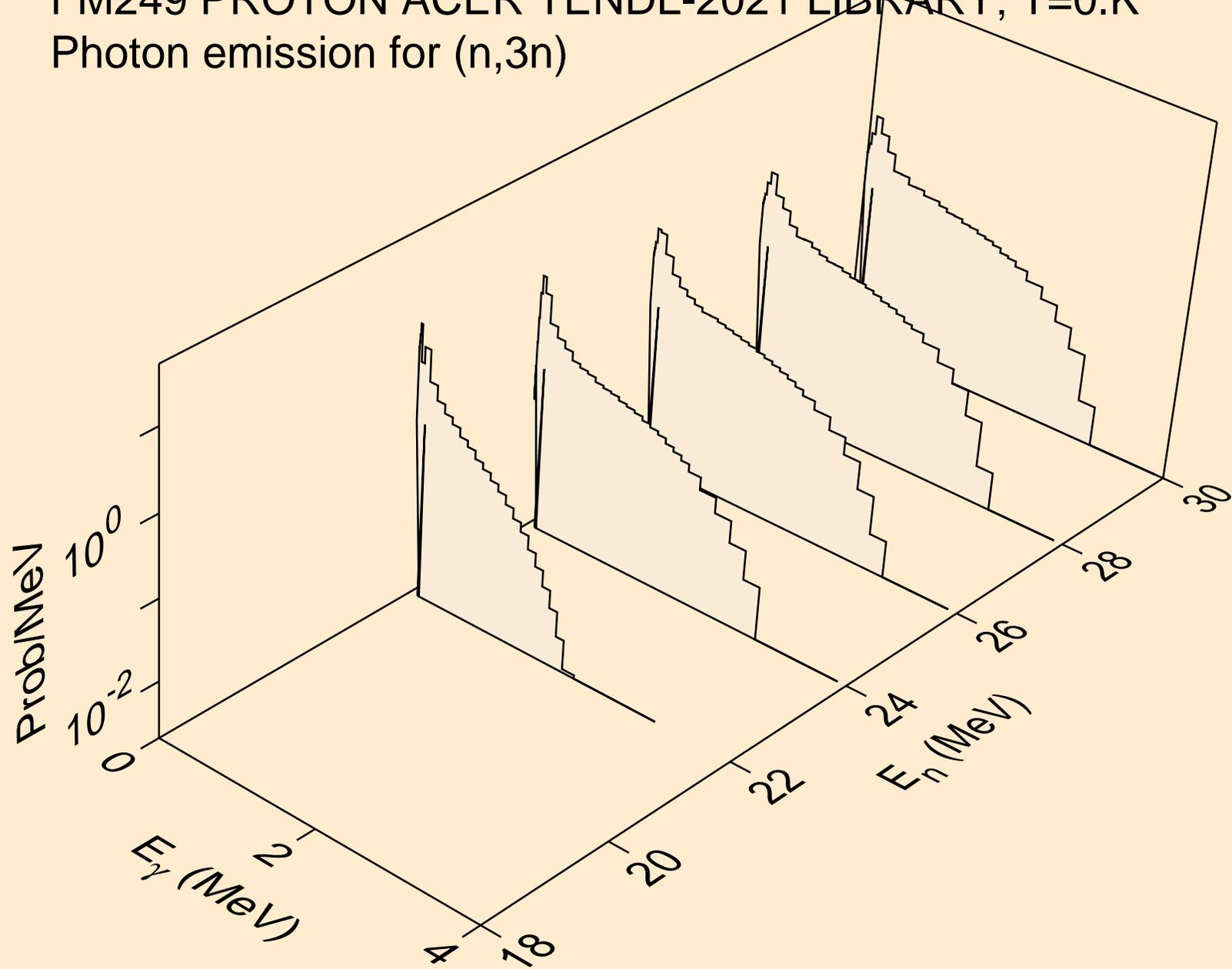
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Photon emission for (n,x)



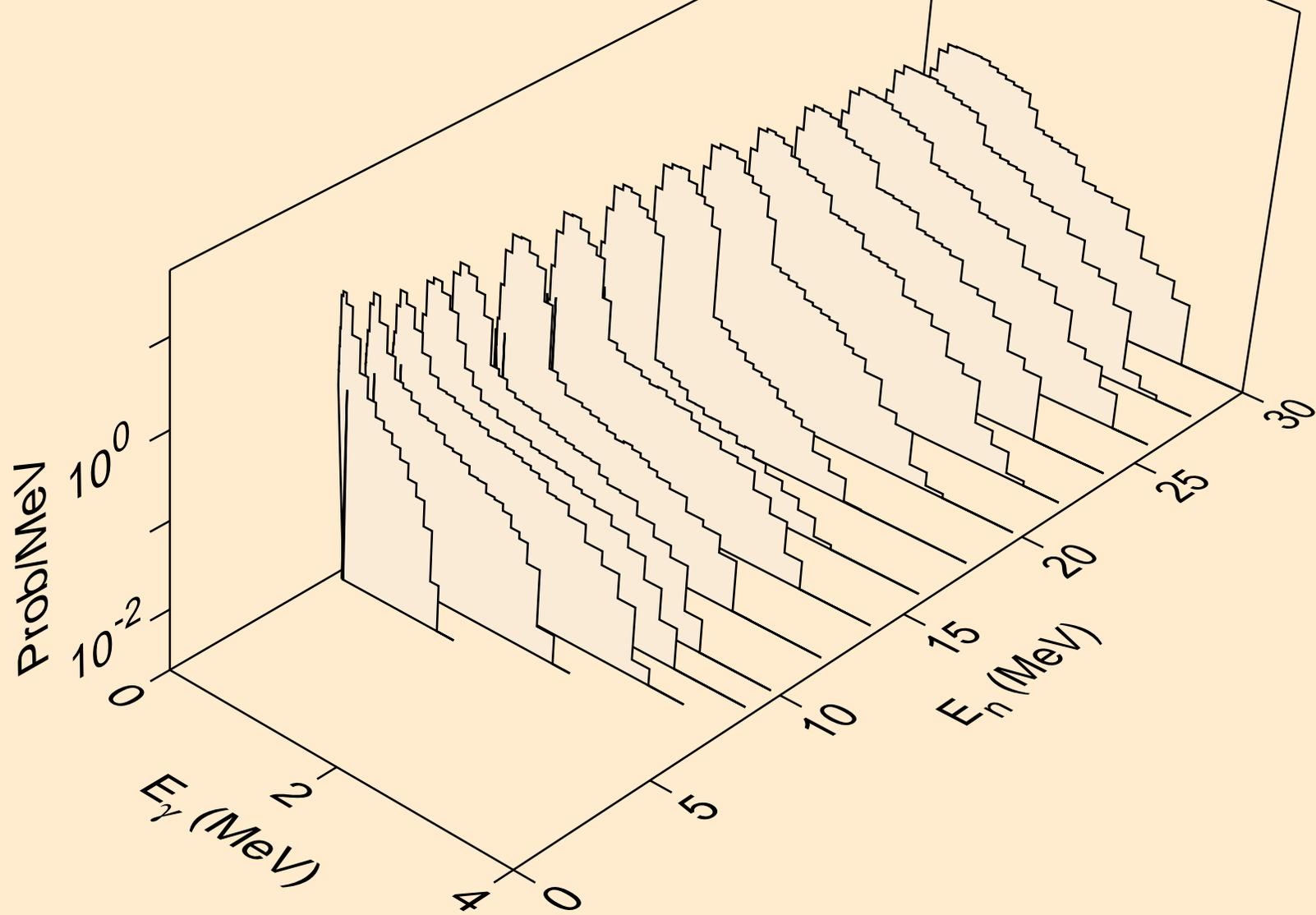
FM249 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



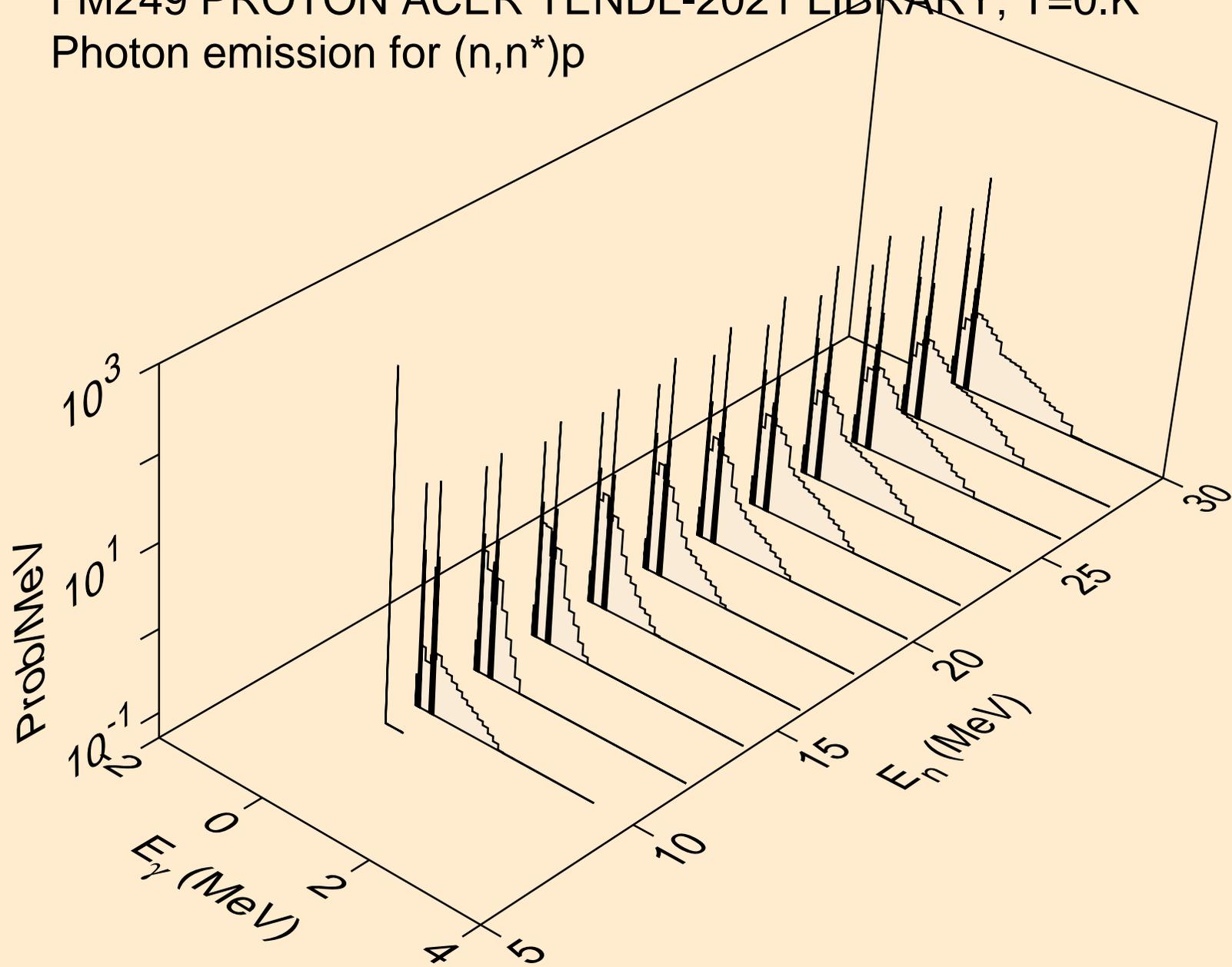
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Photon emission for (n,3n)



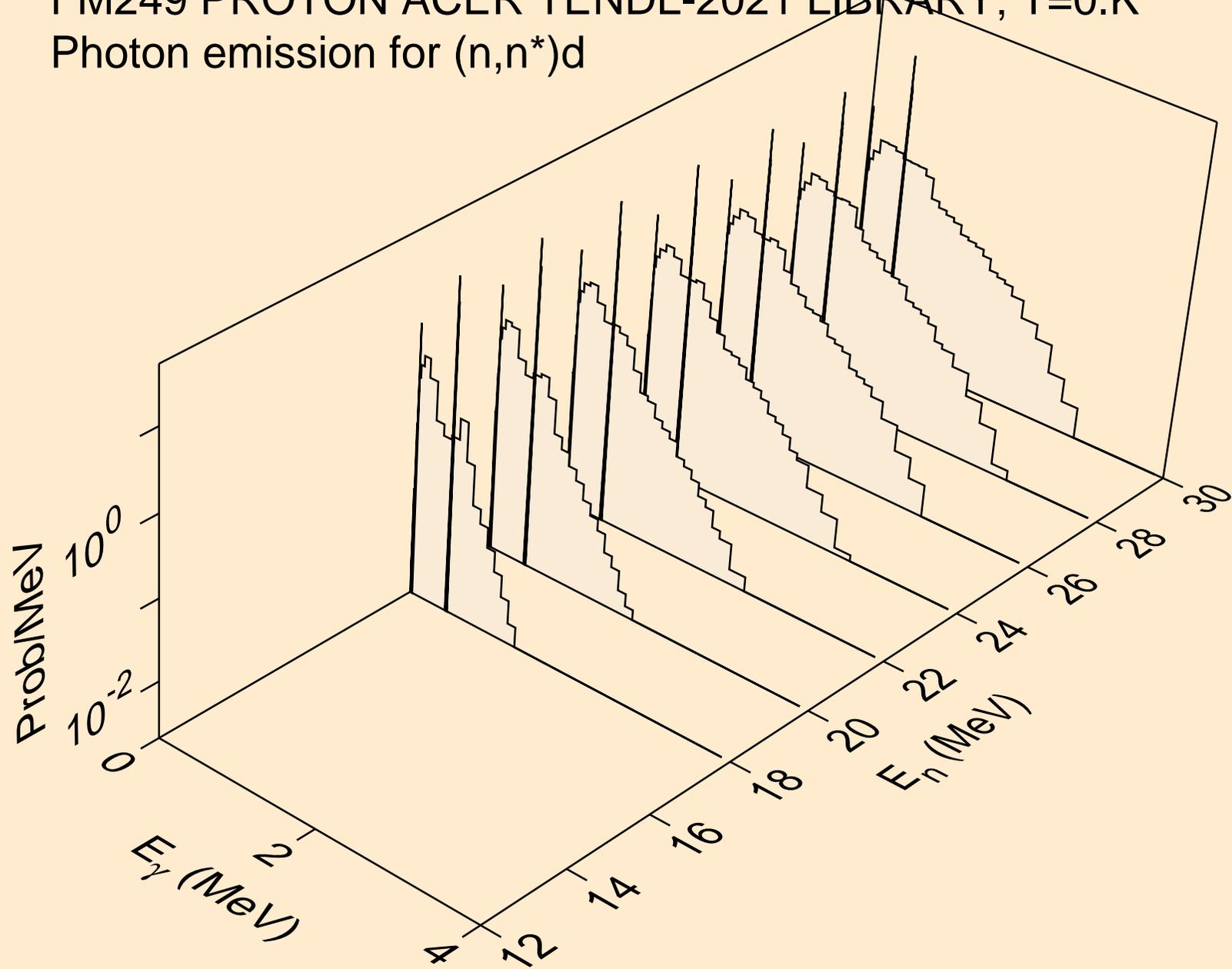
FM249 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



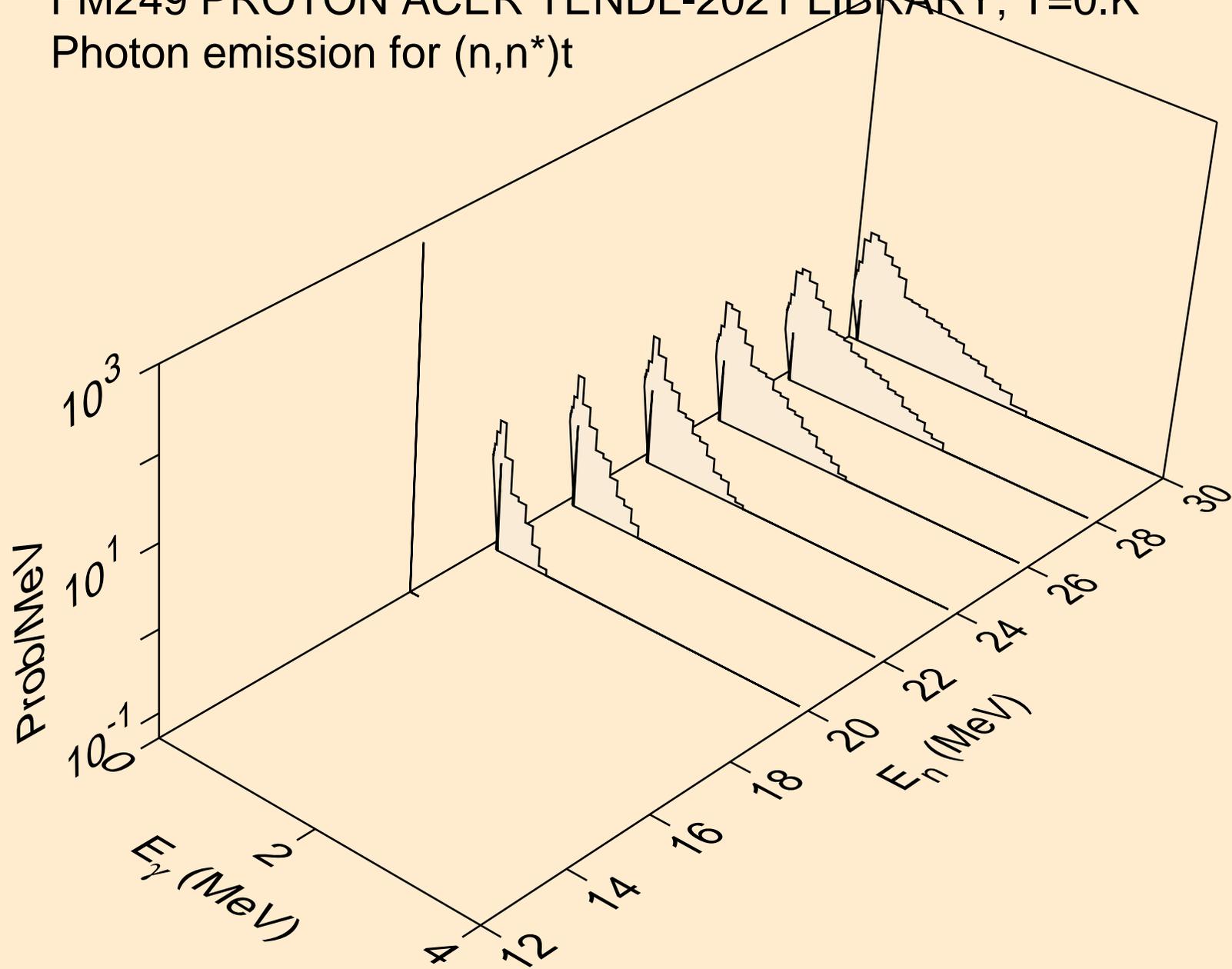
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Photon emission for (n,n\*)p



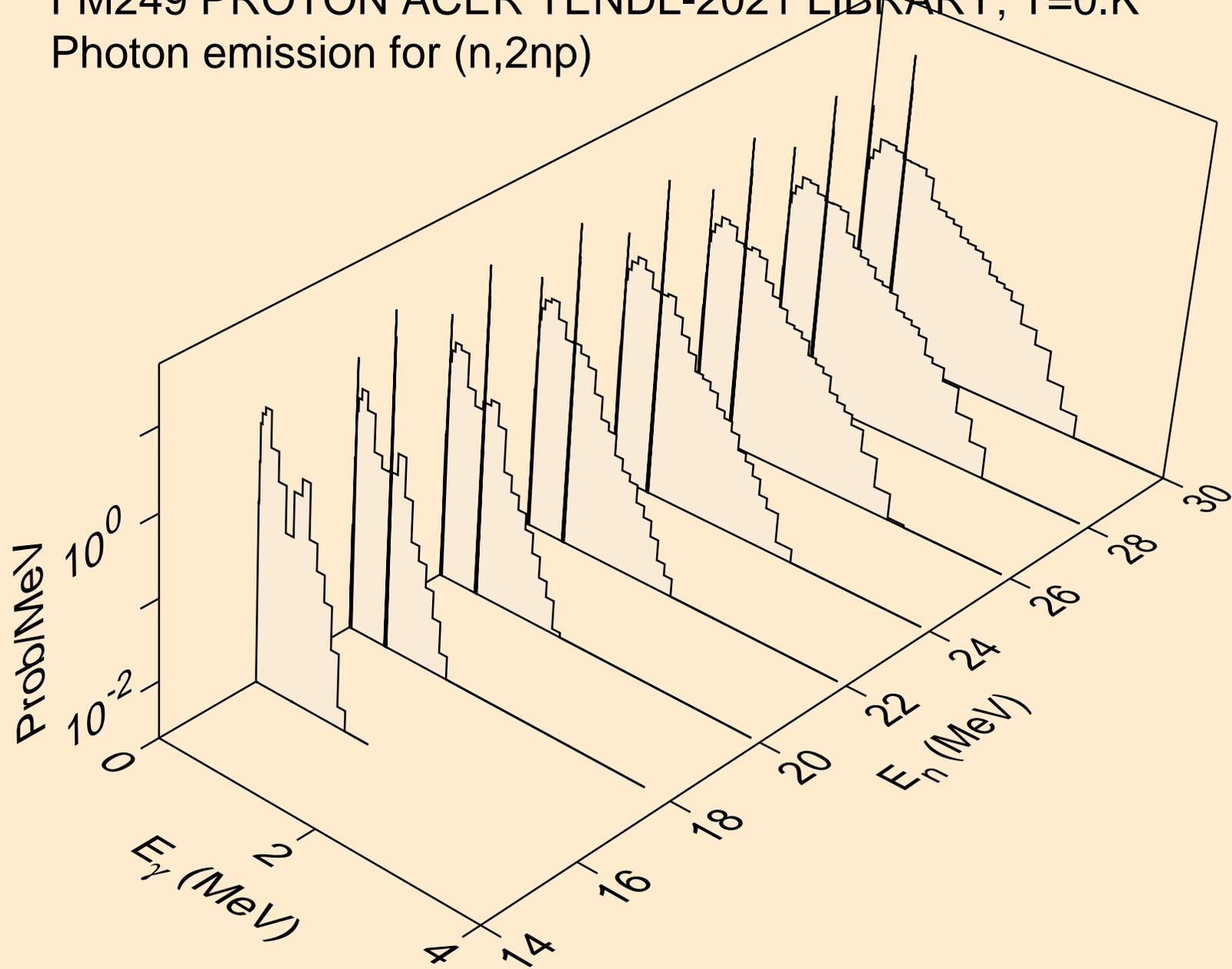
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Photon emission for (n,n\*)d



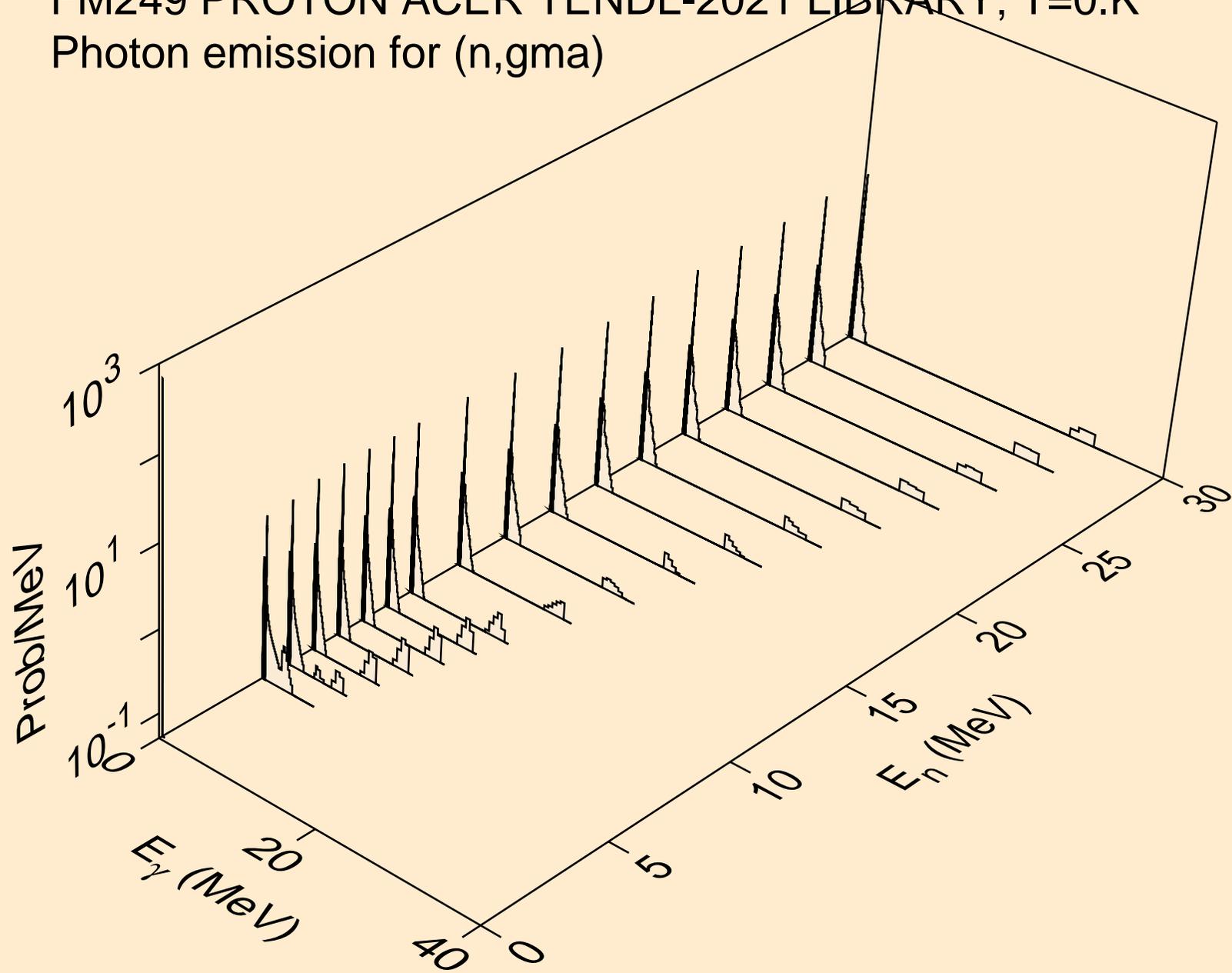
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Photon emission for (n,n\*)t



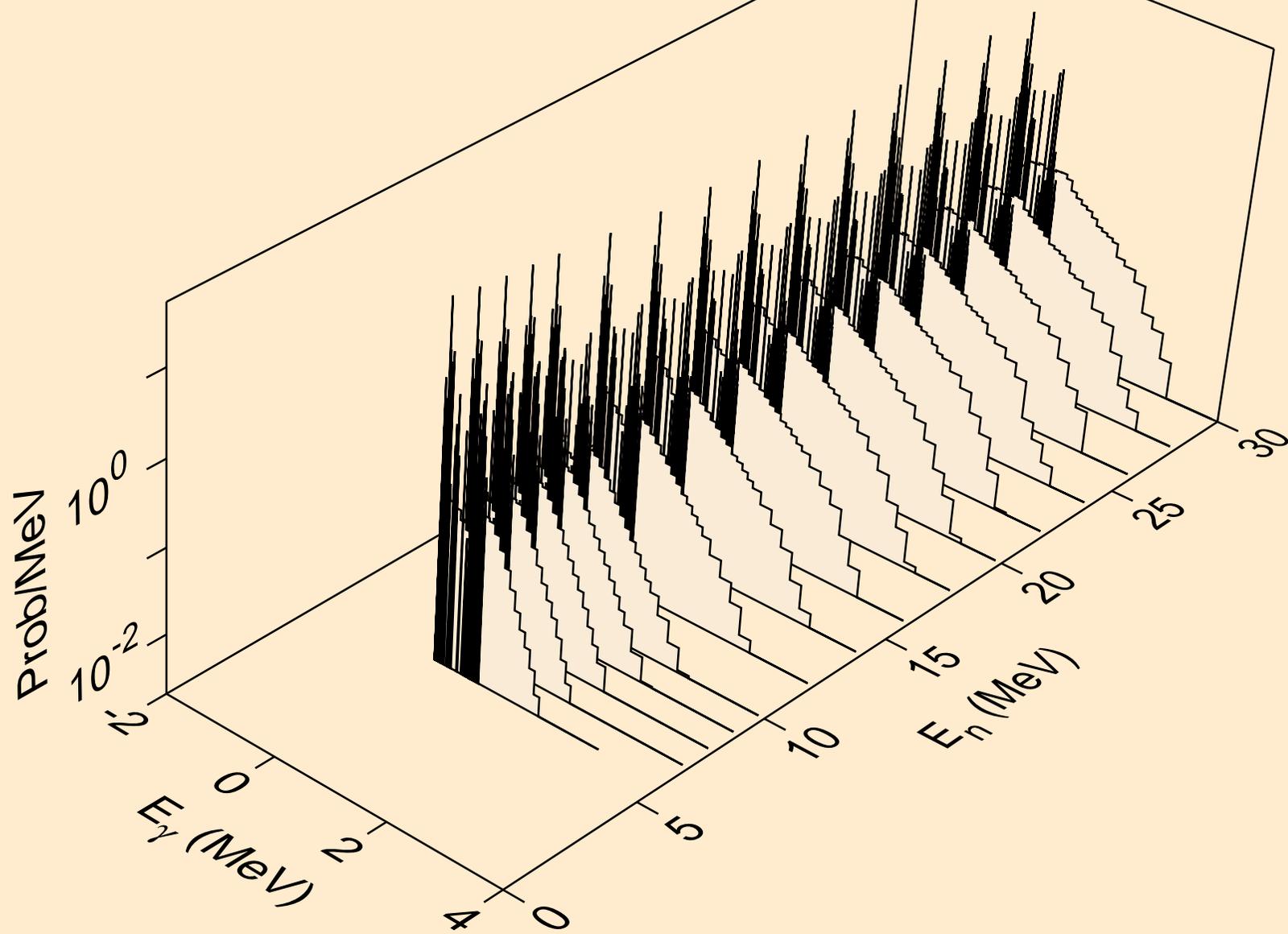
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Photon emission for (n,2np)



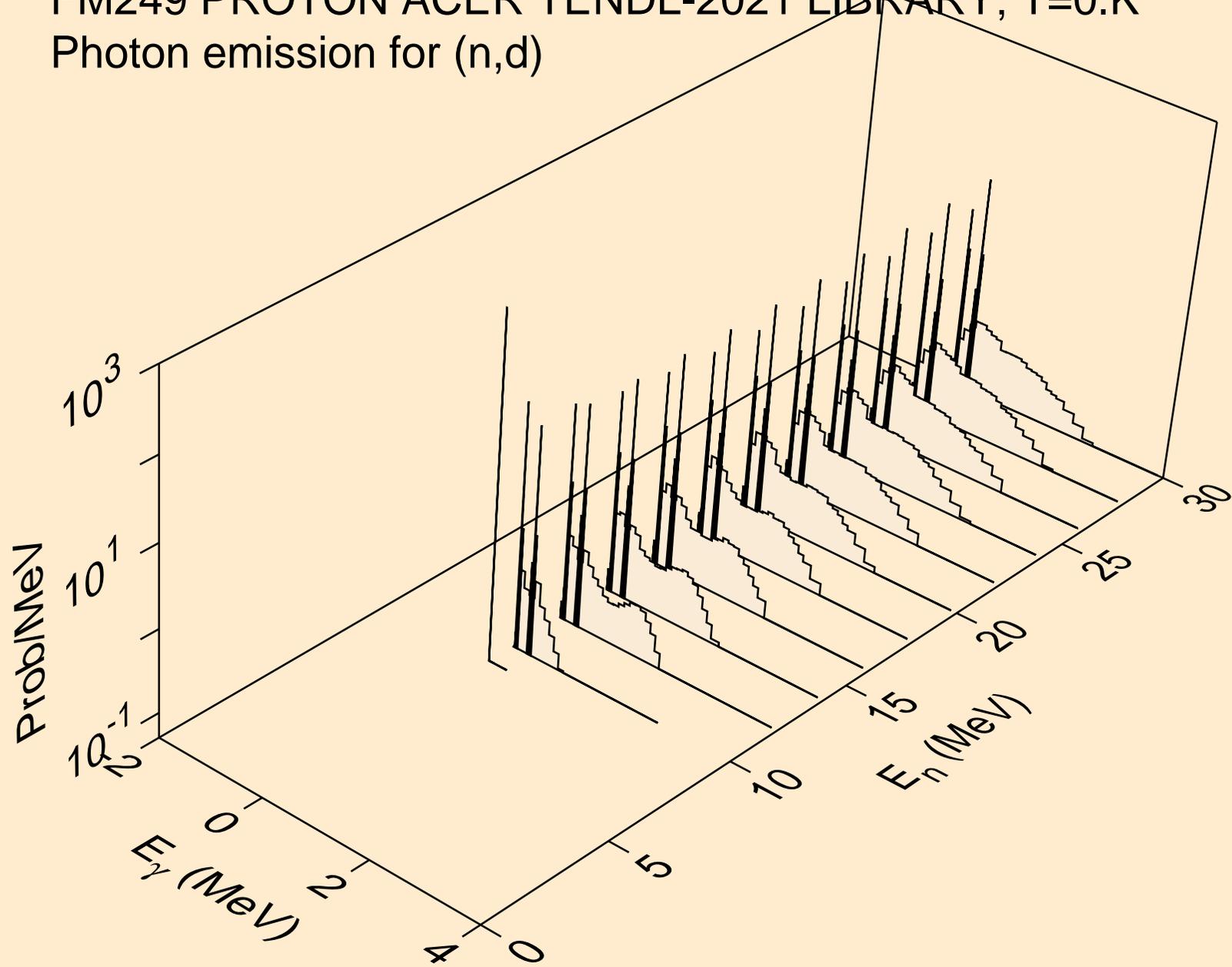
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Photon emission for (n,gma)



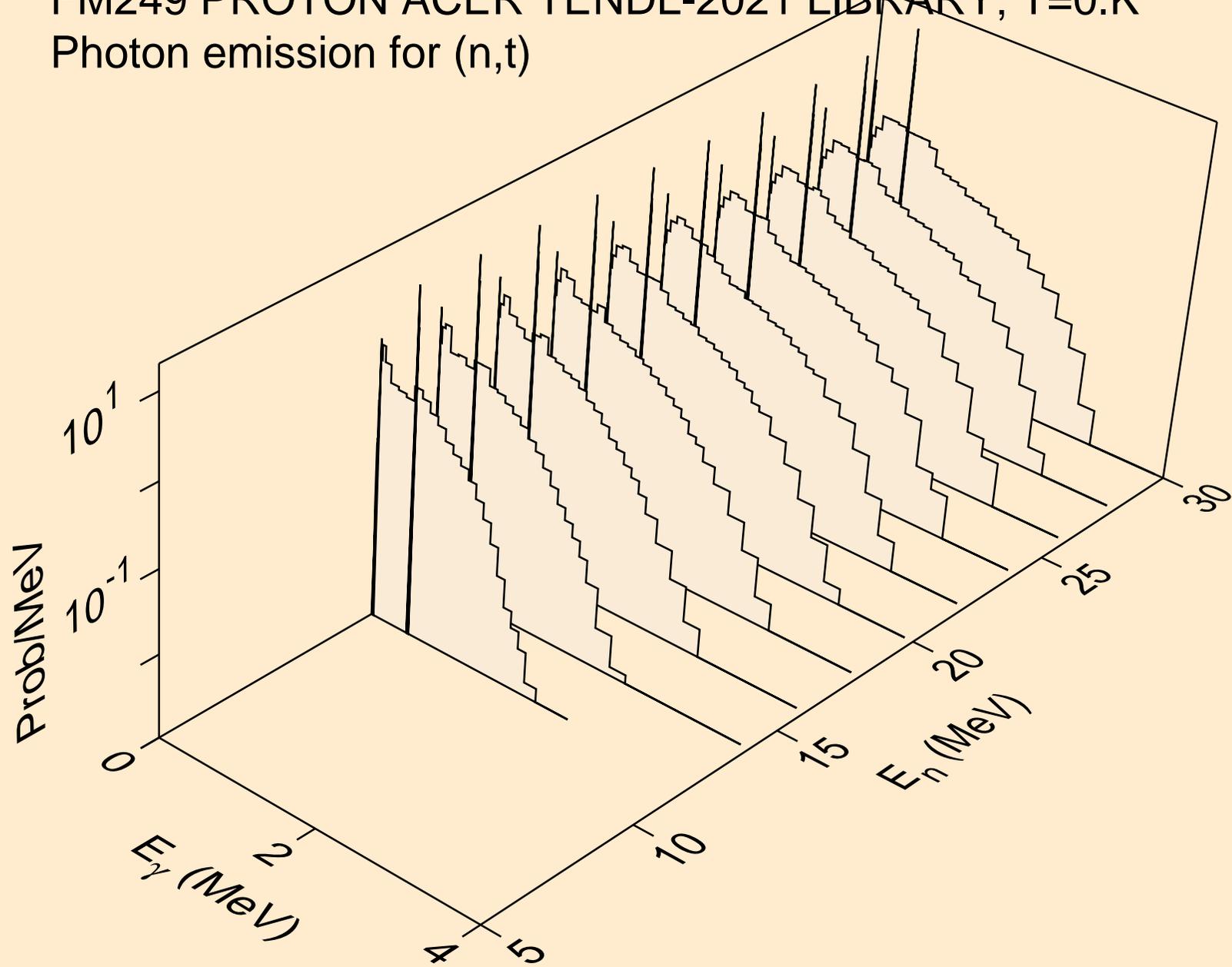
FM249 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



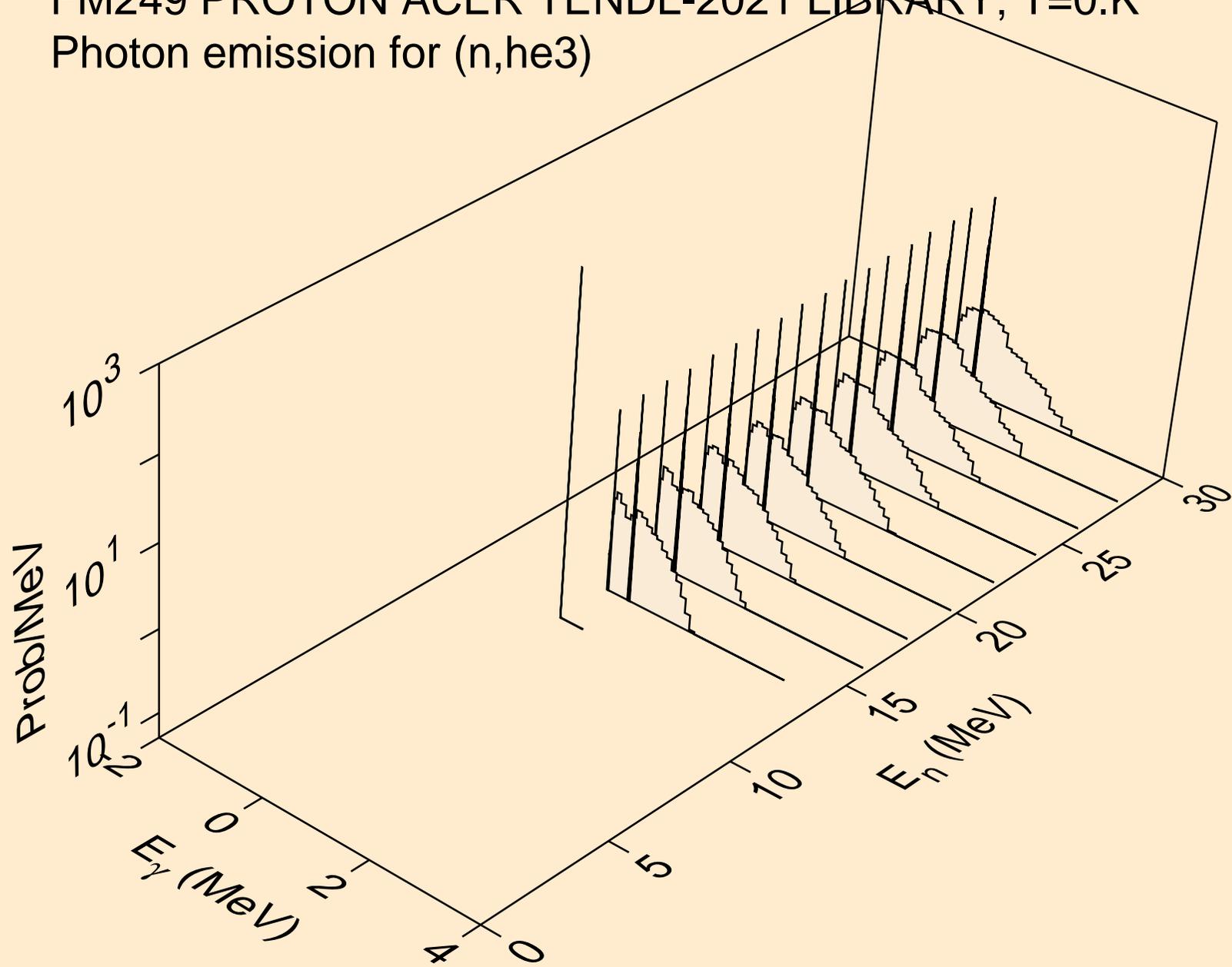
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Photon emission for (n,d)



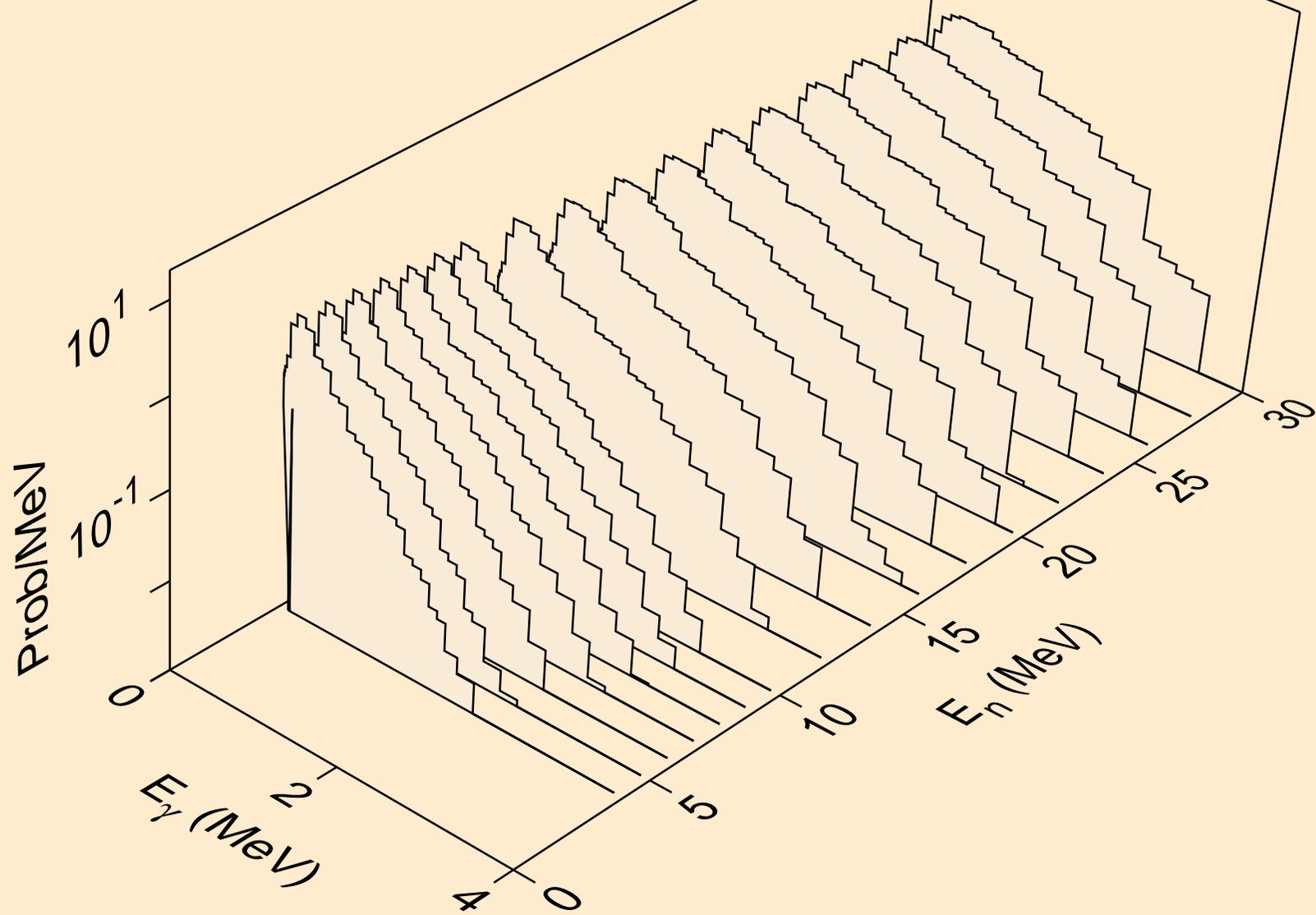
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Photon emission for (n,t)



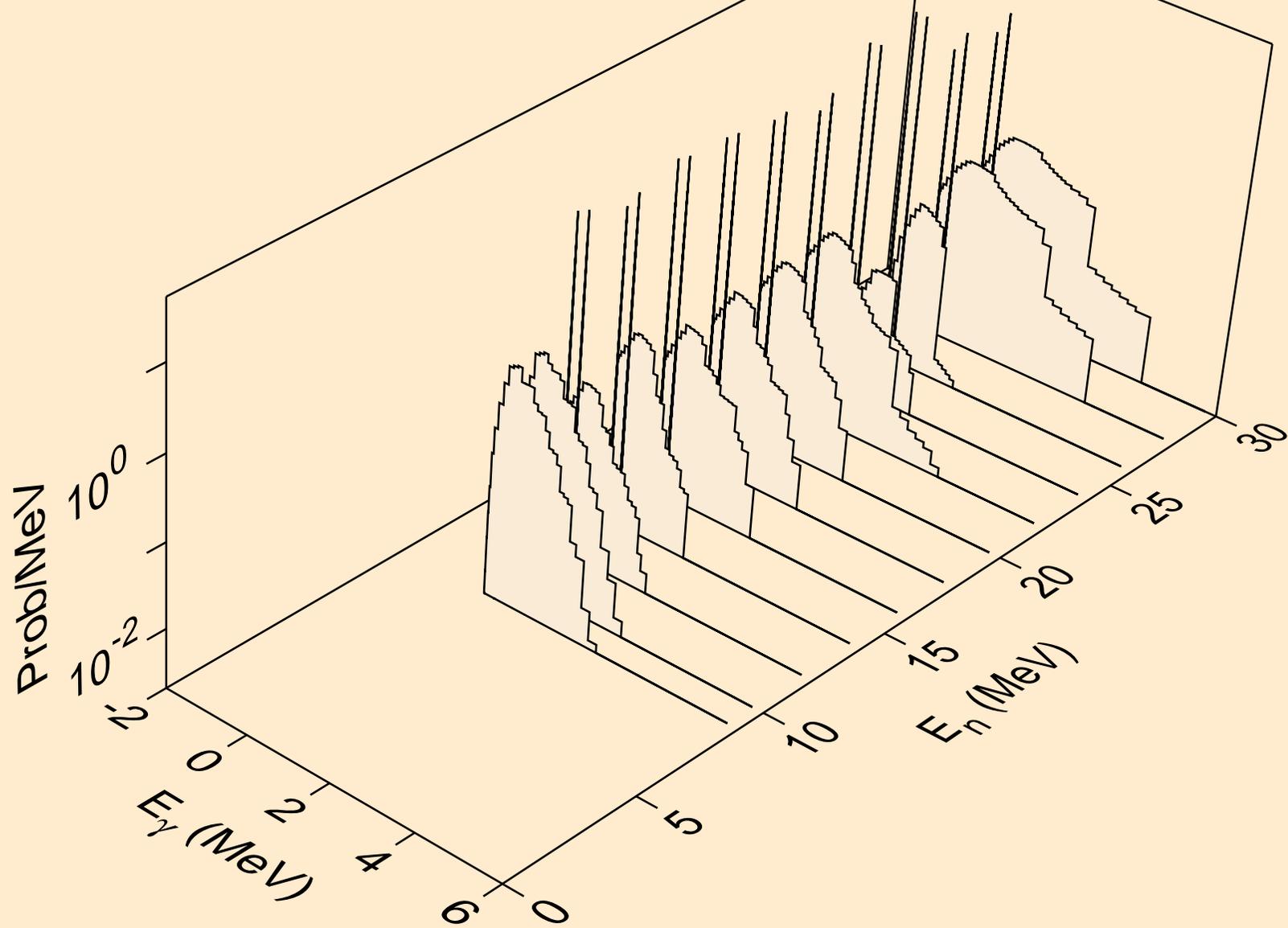
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Photon emission for (n,he3)



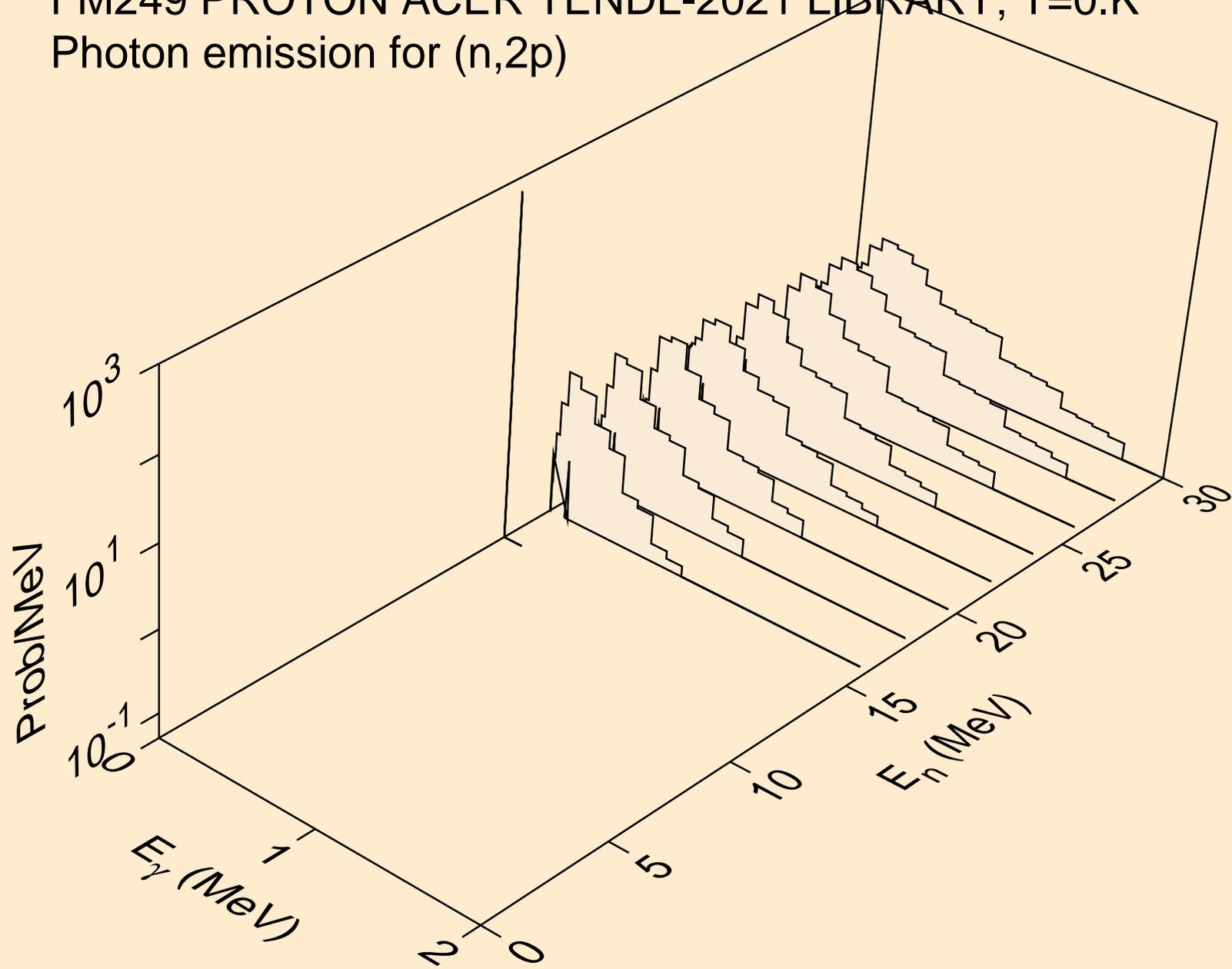
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Photon emission for (n,a)



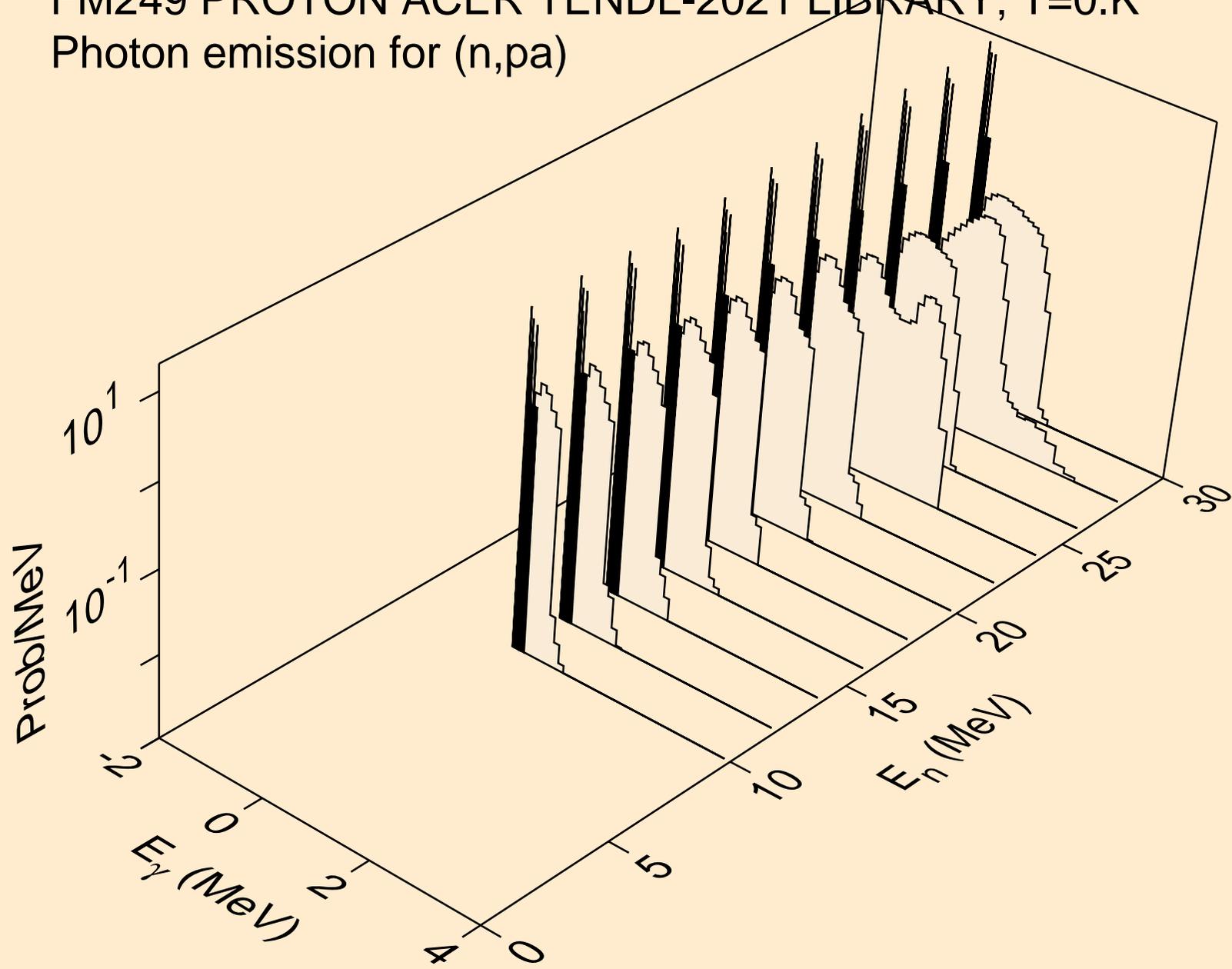
FM249 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)



FM249 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)

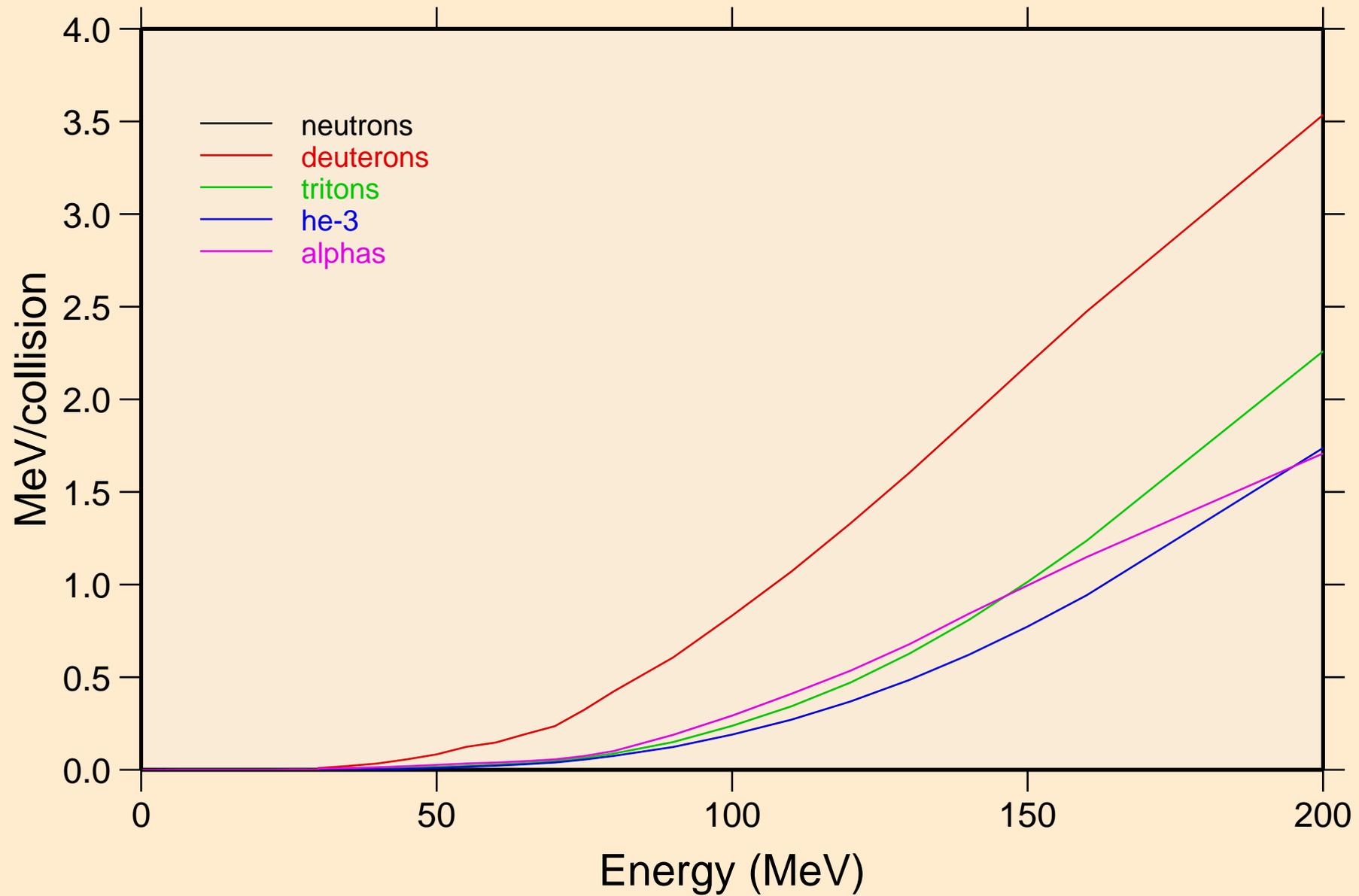


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Photon emission for (n,pa)

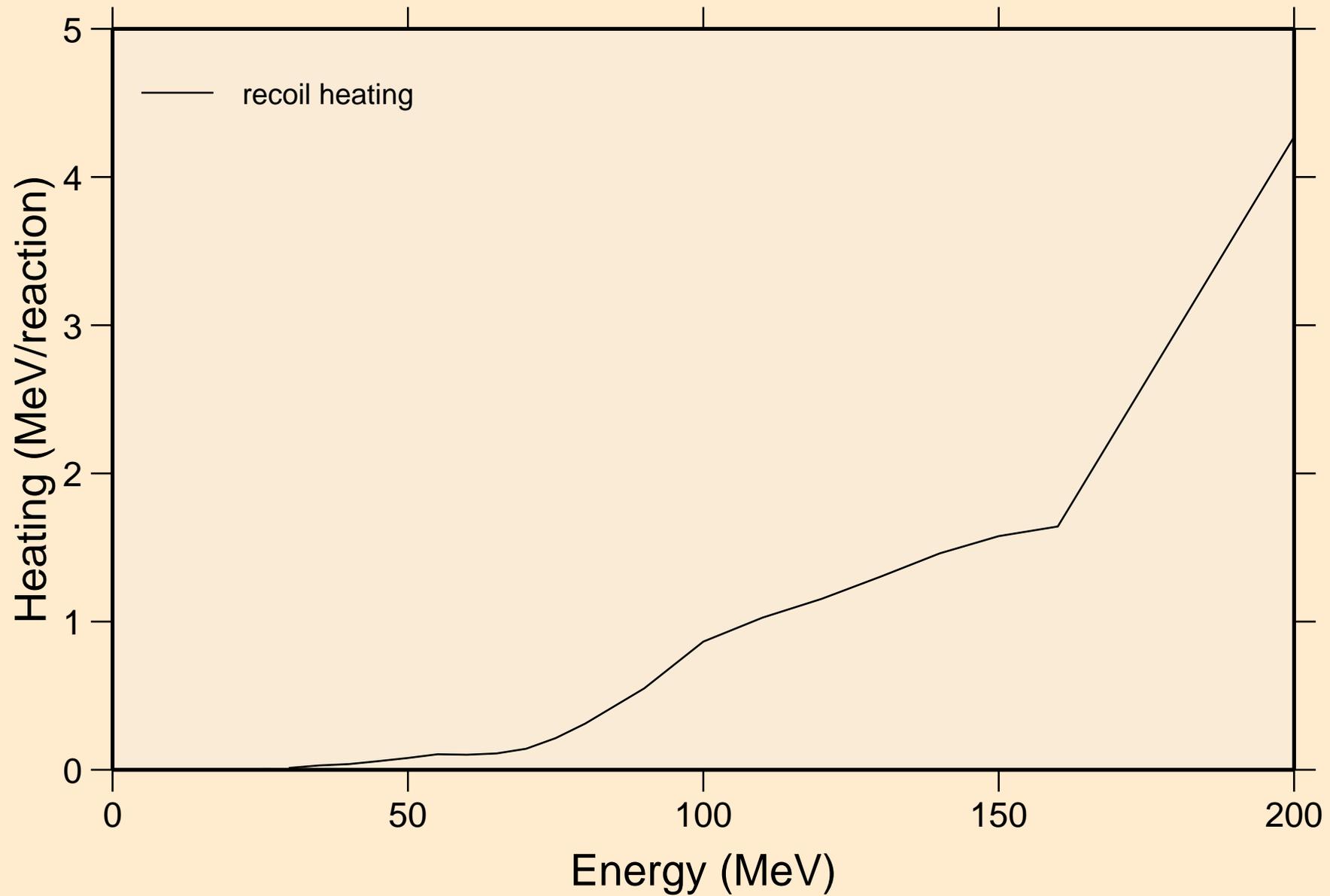


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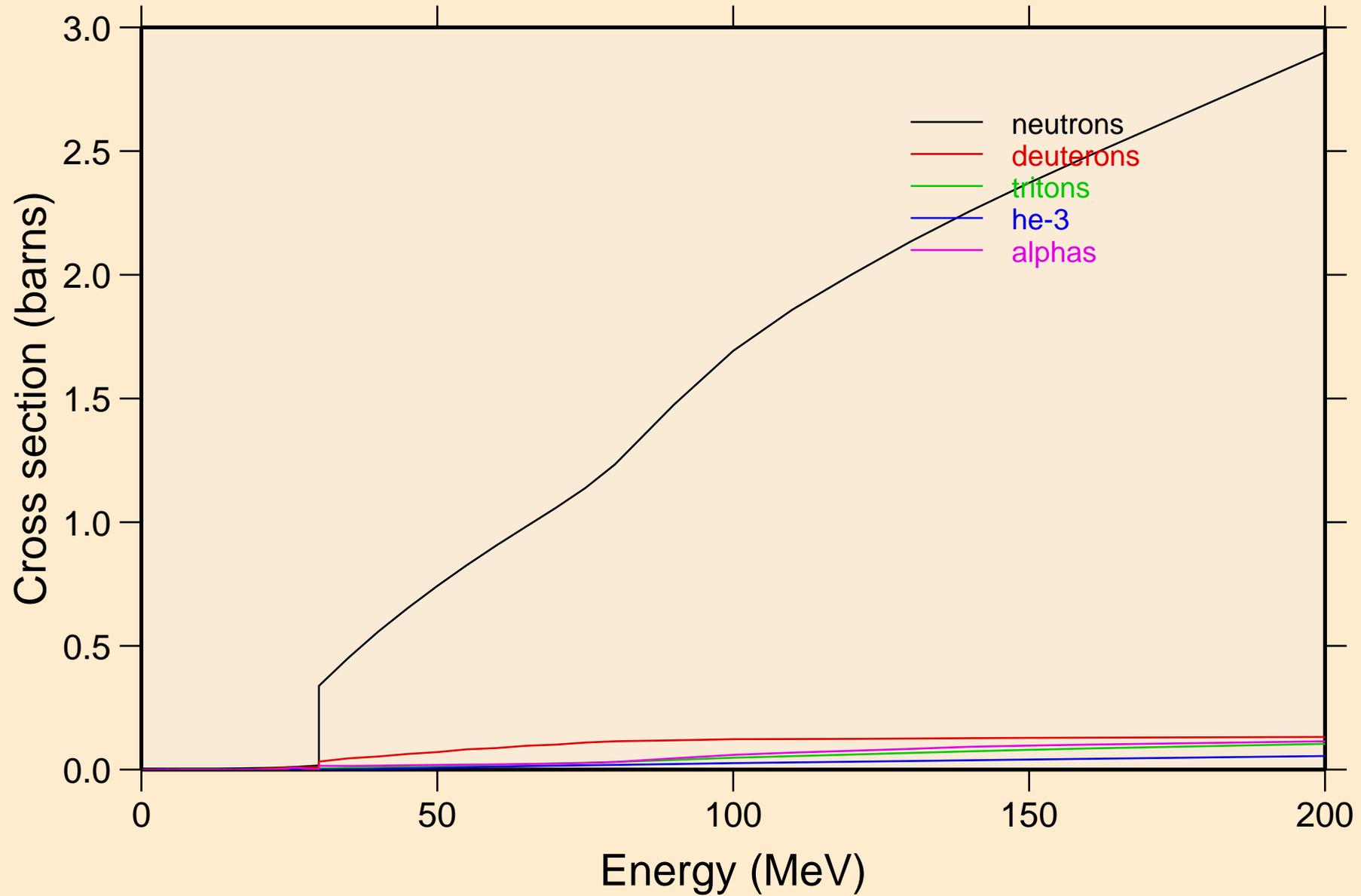
## Particle heating contributions



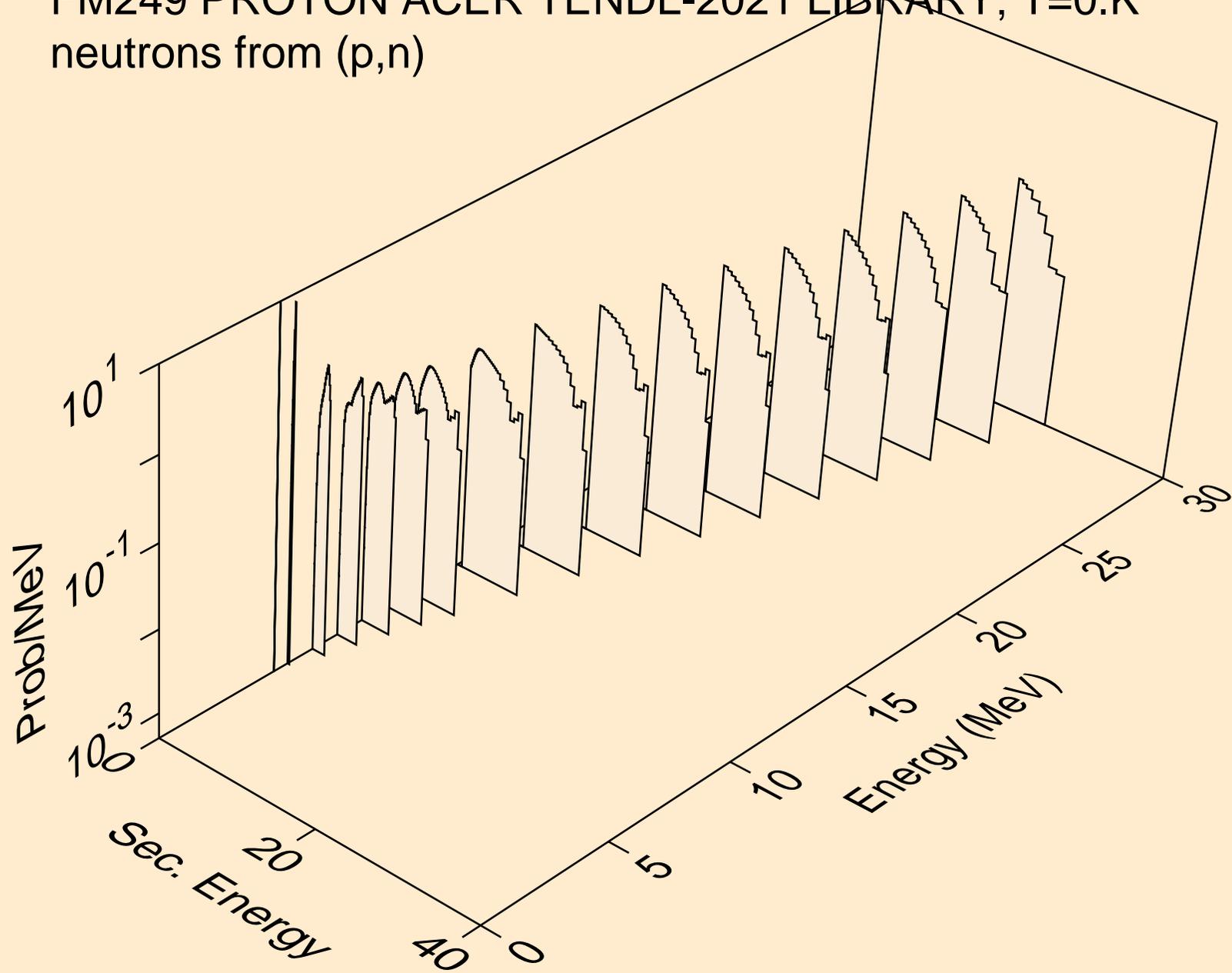
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Recoil Heating



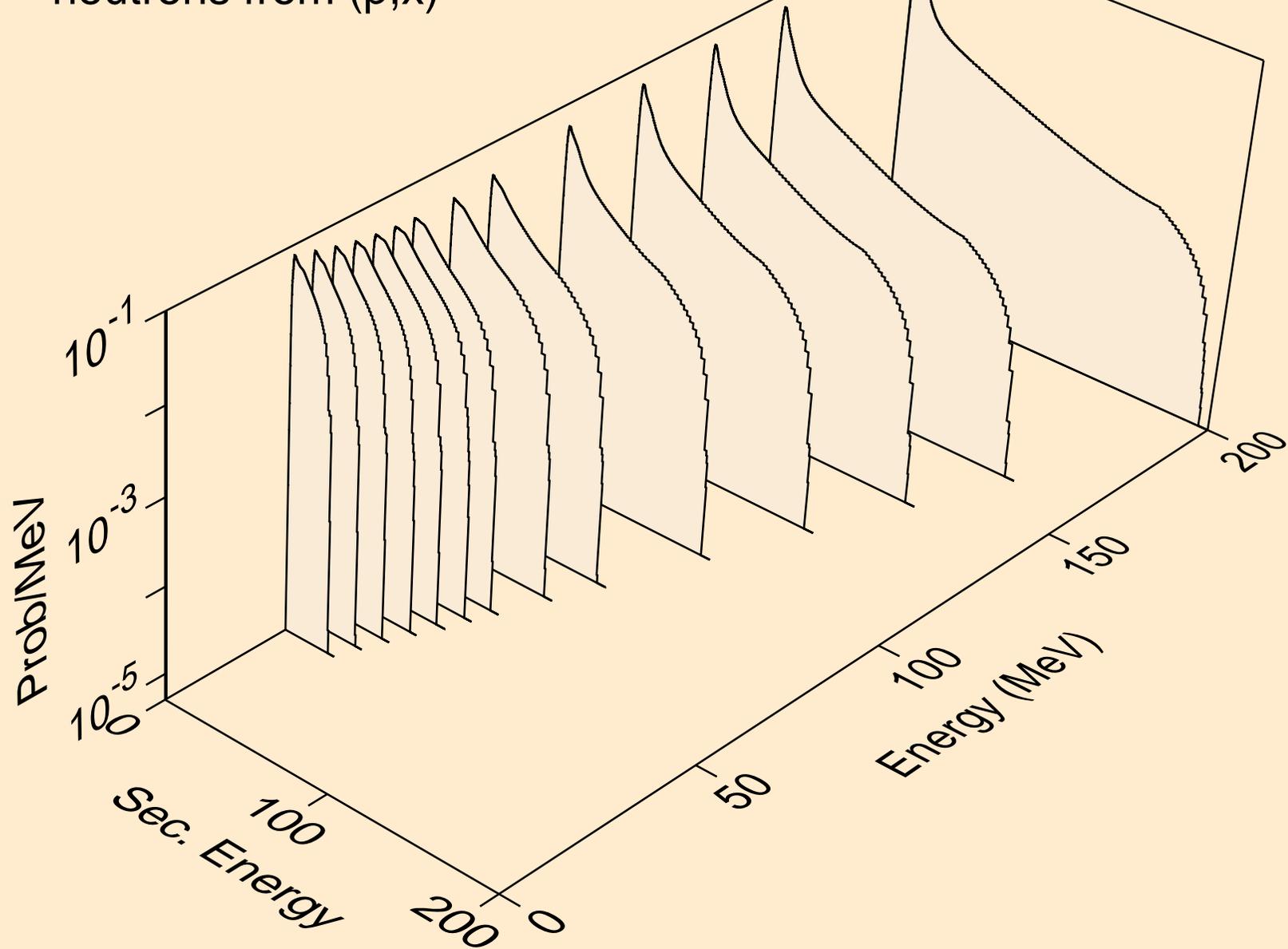
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Particle production cross sections



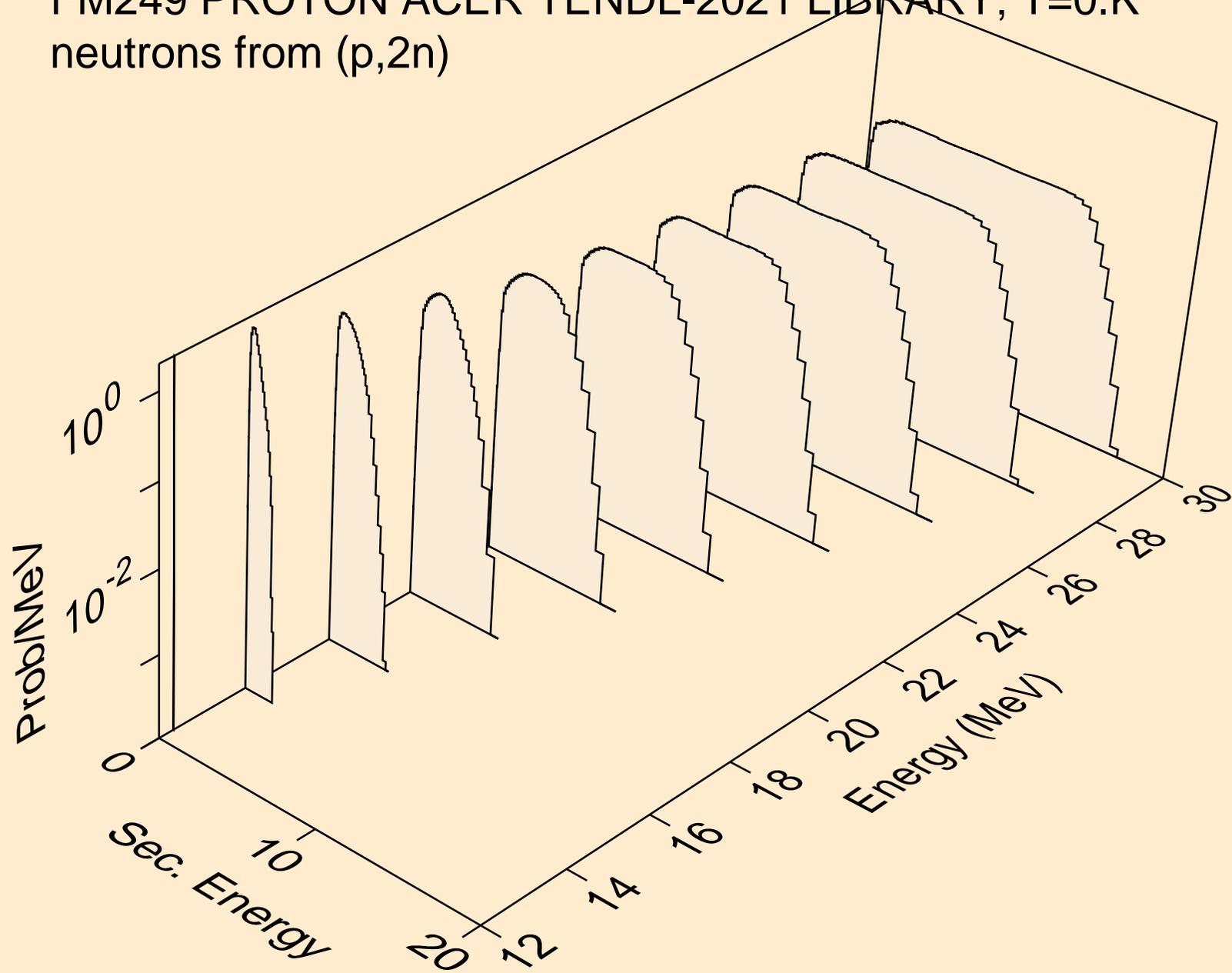
FM249 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (p,n)



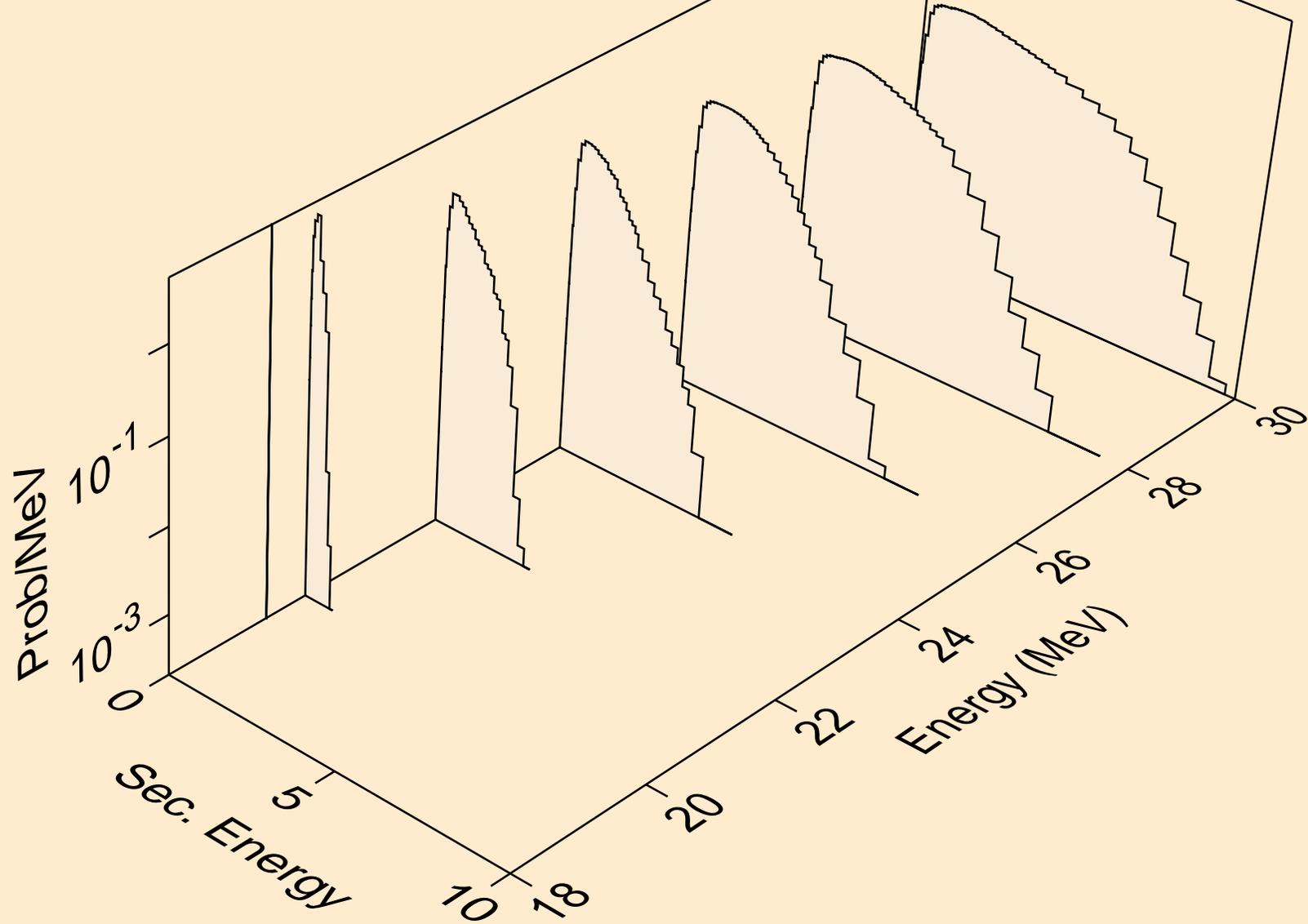
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neutrons from (p,x)



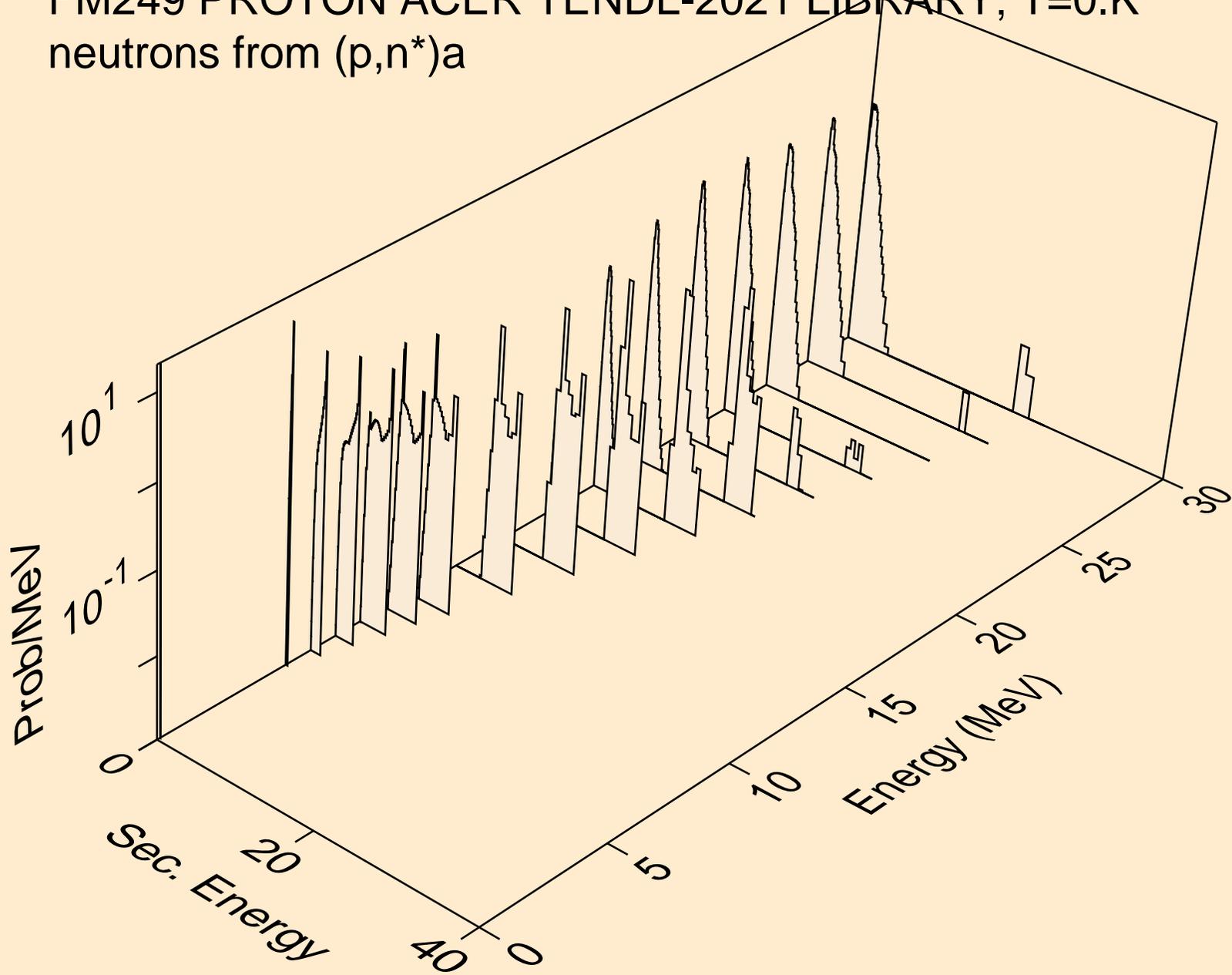
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neutrons from (p,2n)



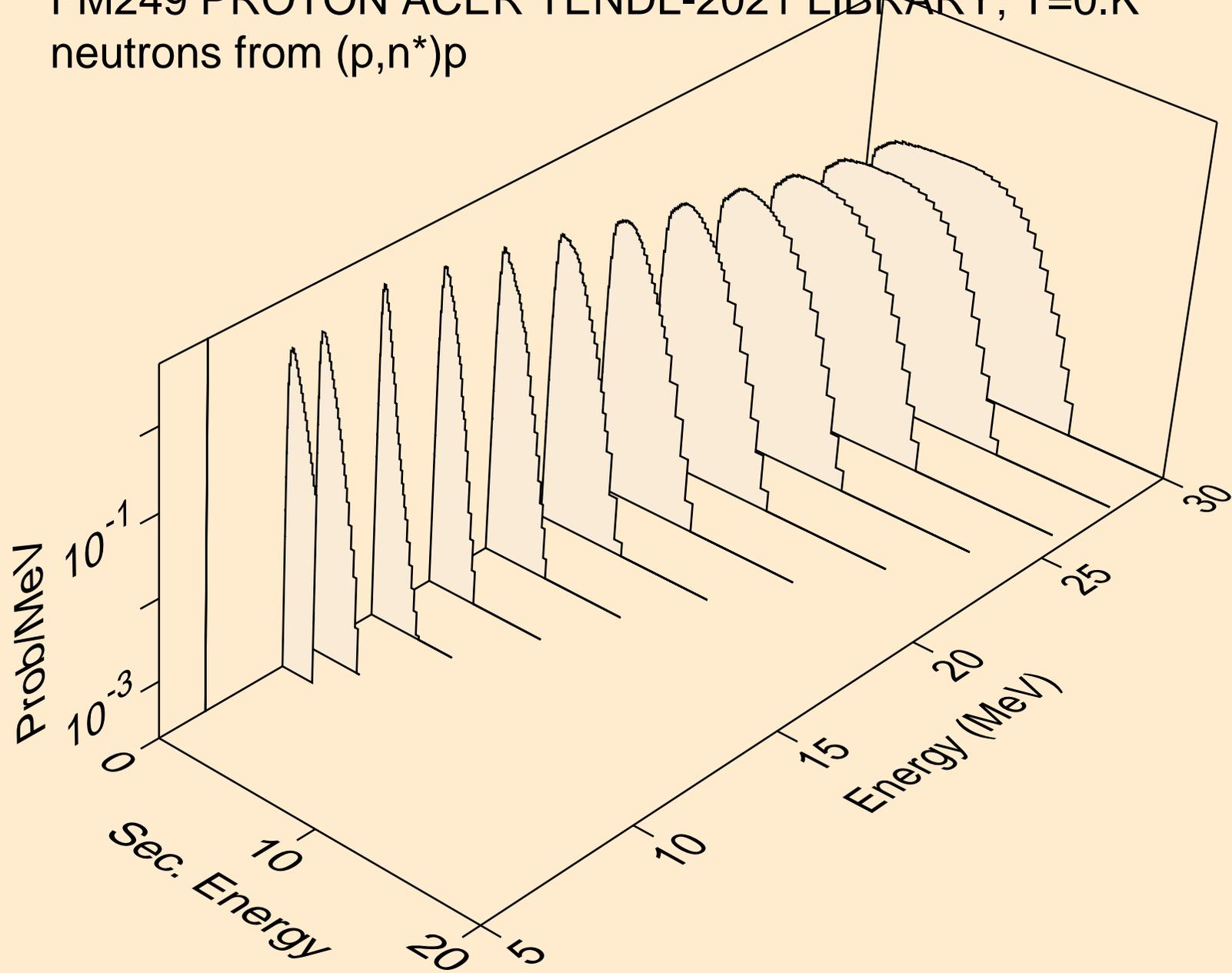
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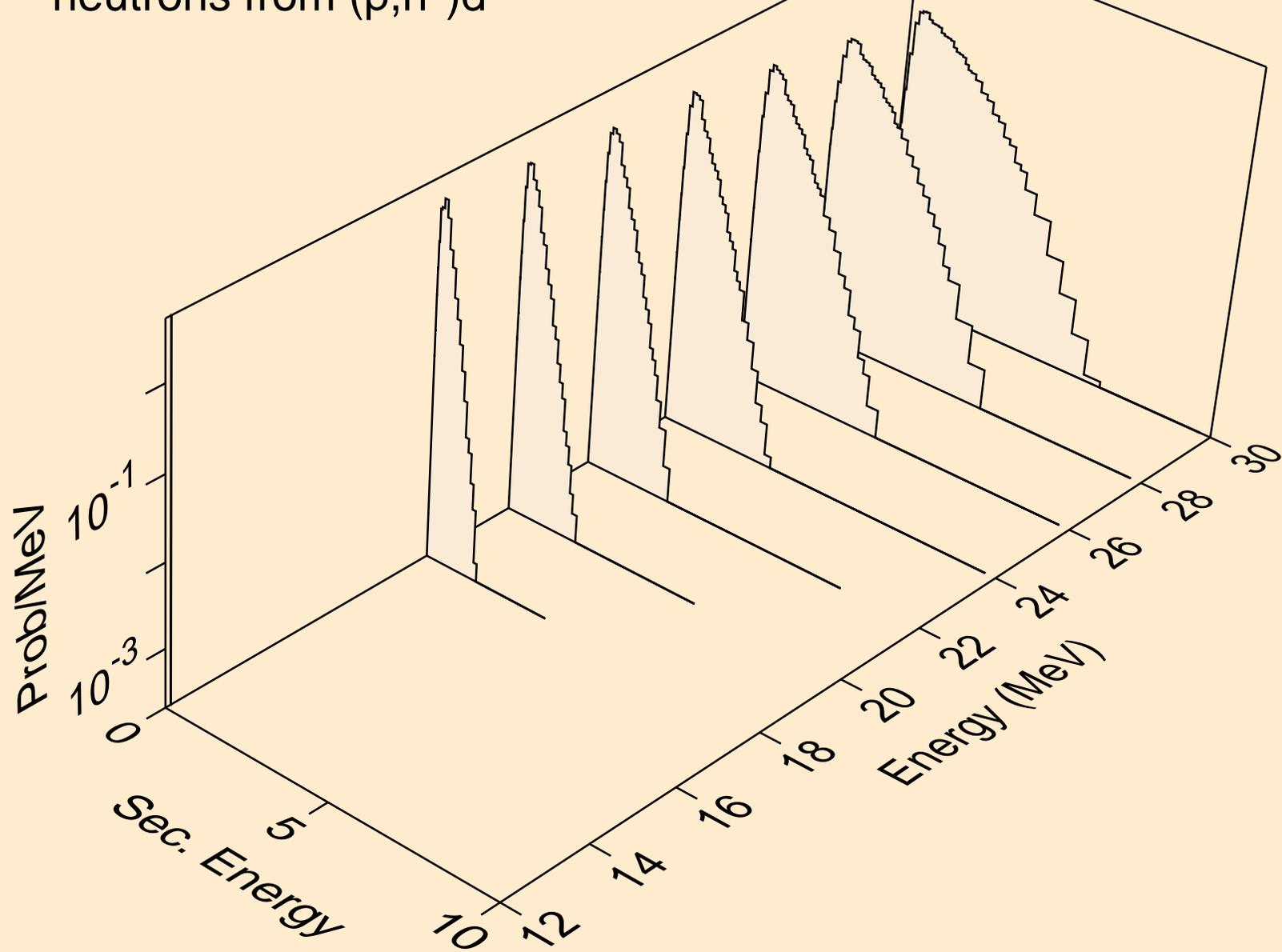
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neutrons from (p,n\*)a



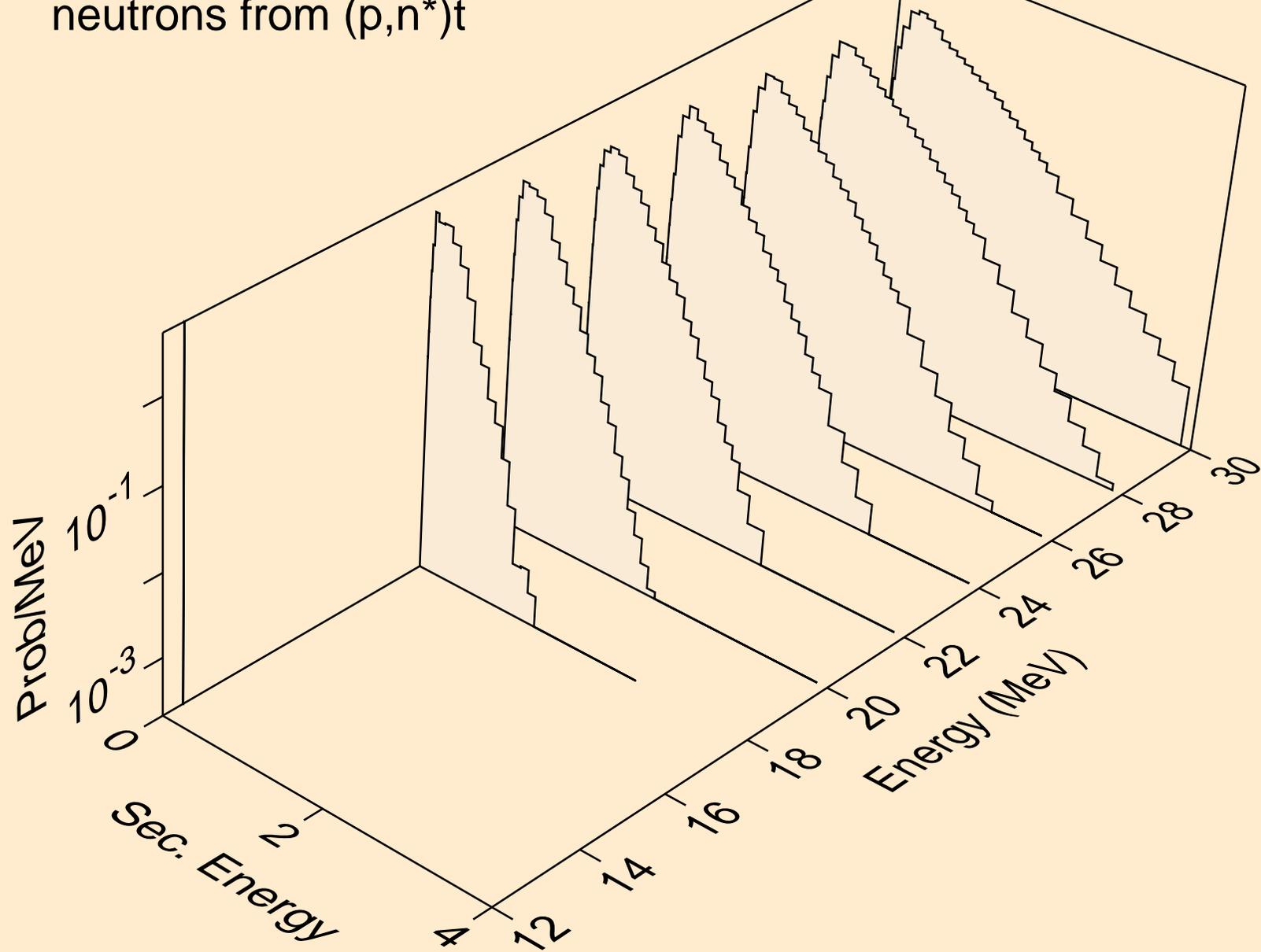
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neutrons from (p,n\*)p



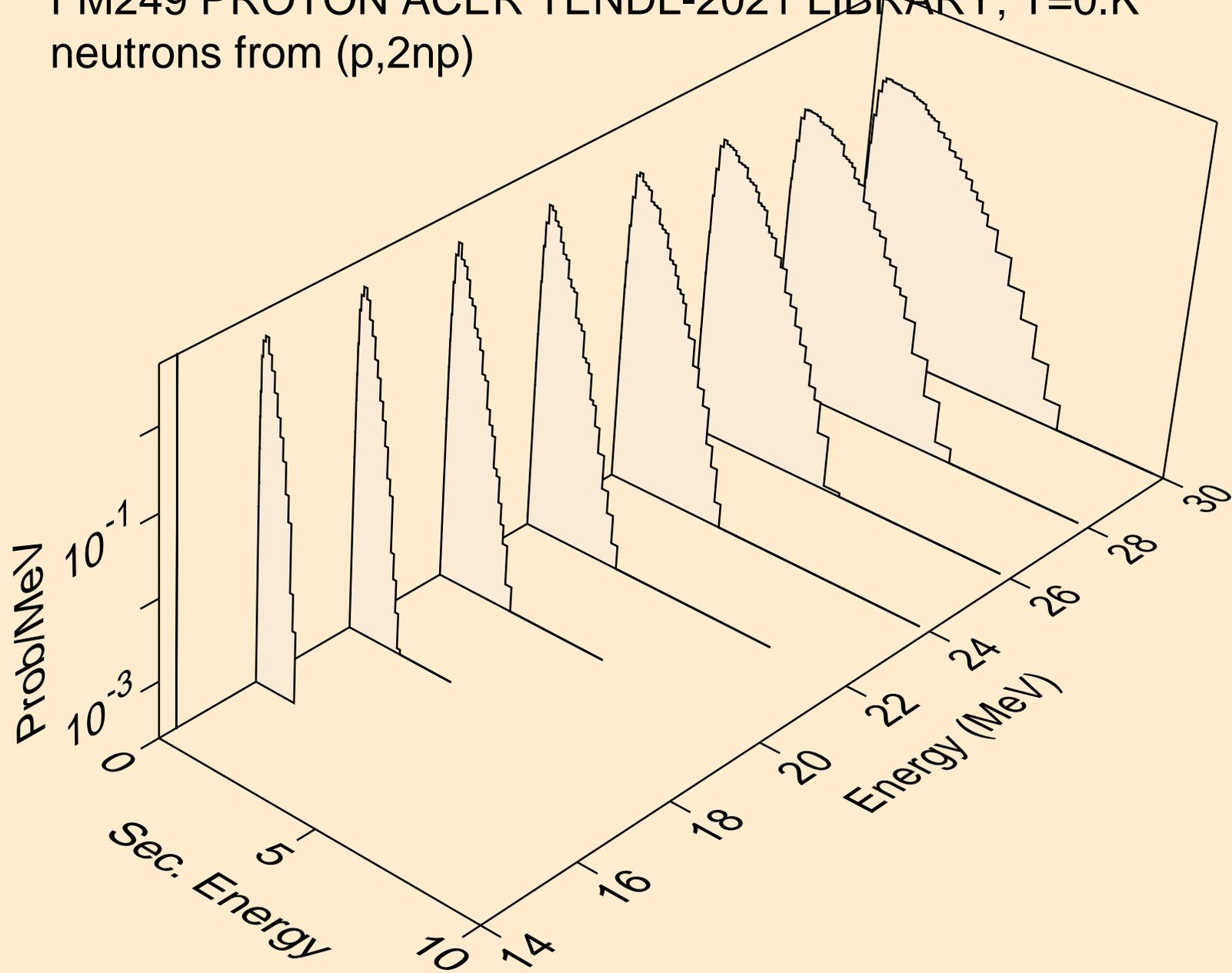
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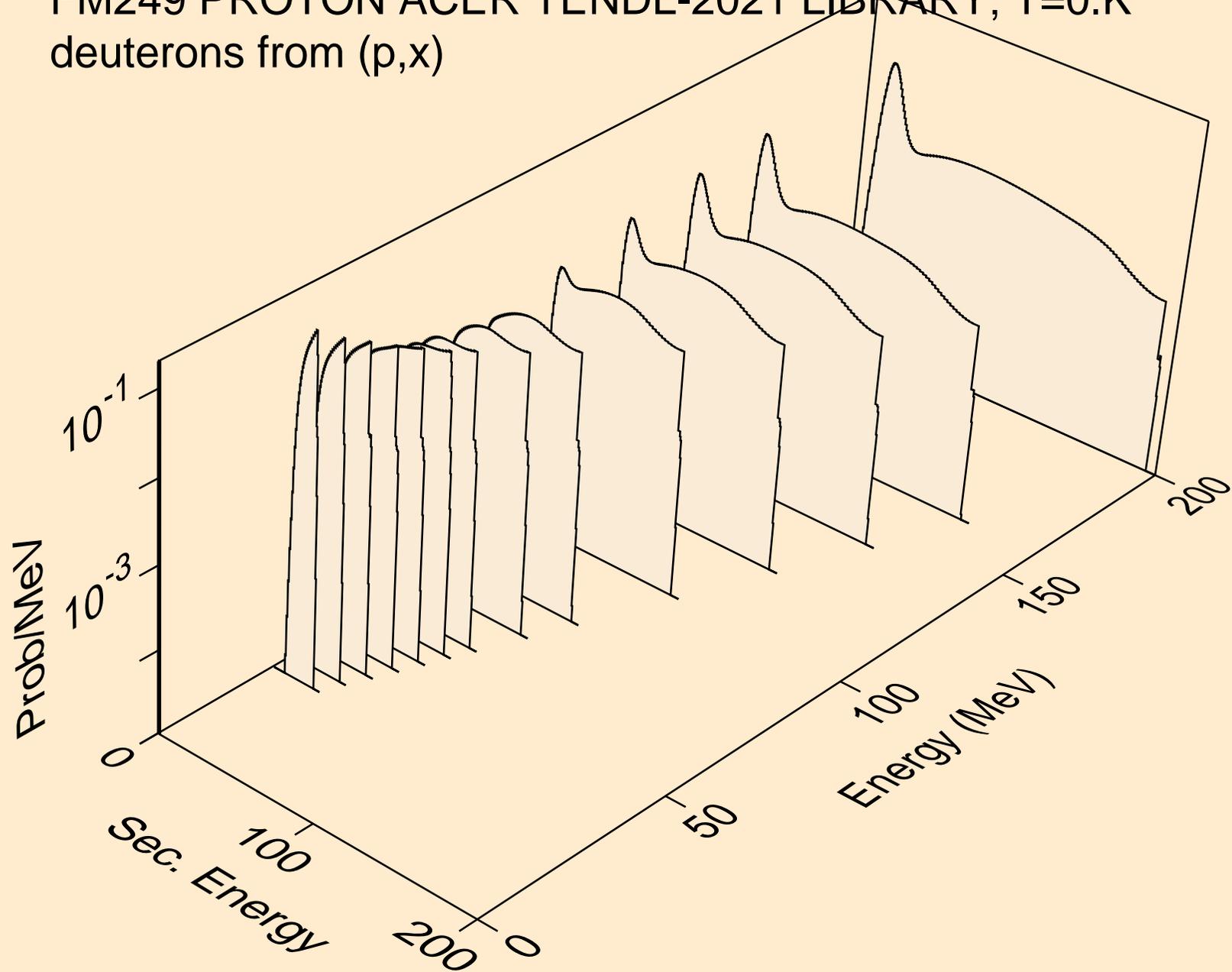
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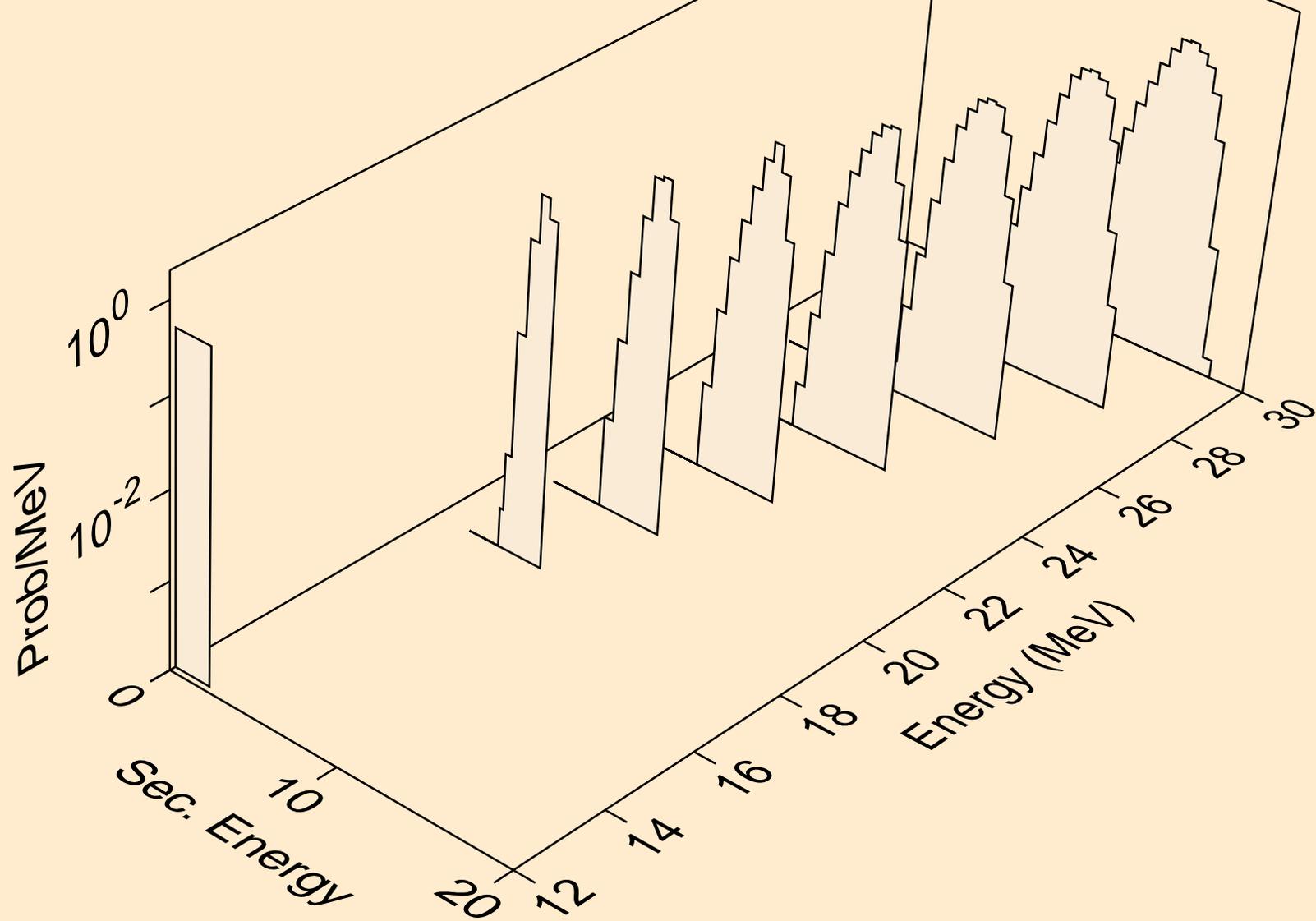
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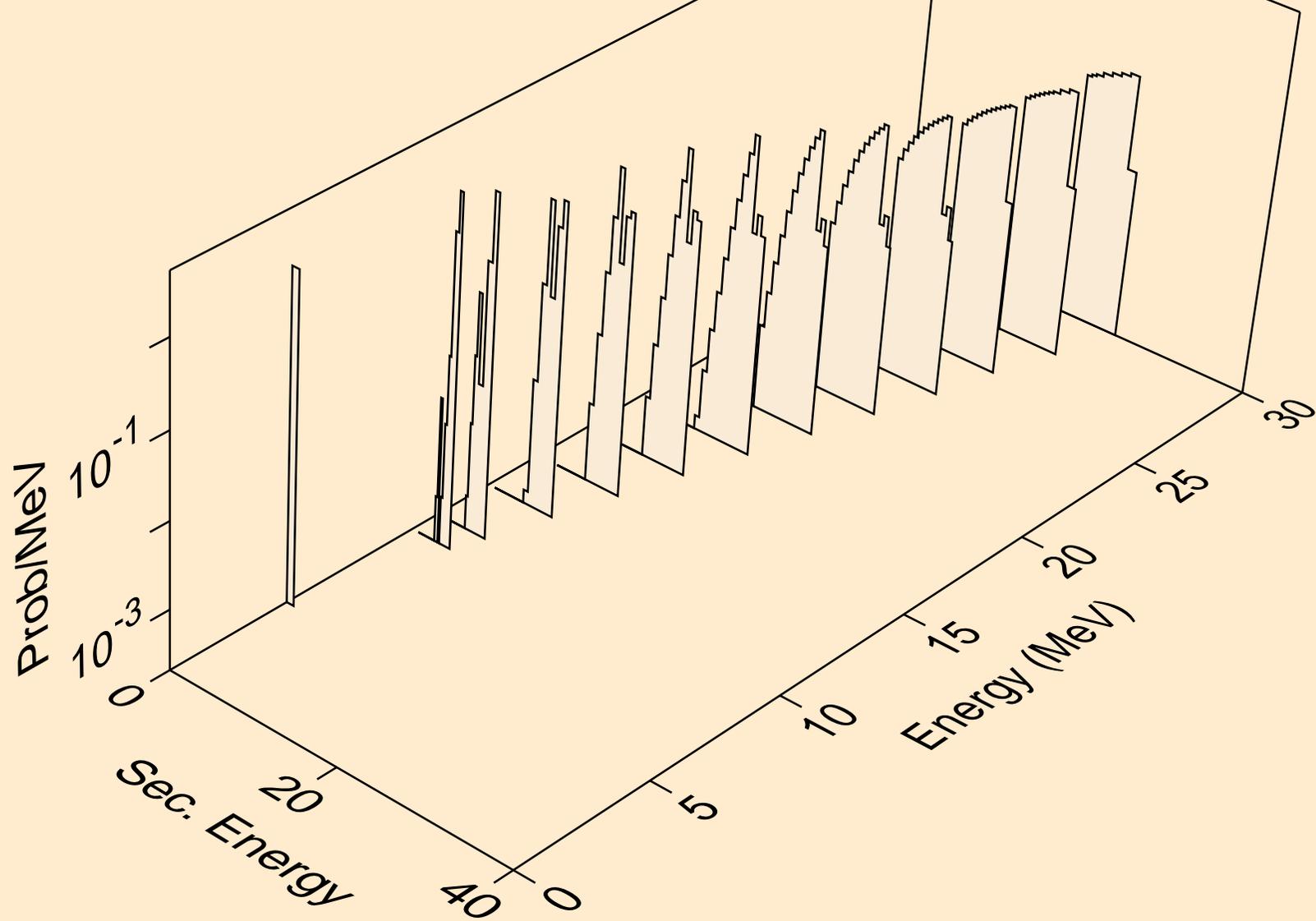
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deuterons from (p,x)



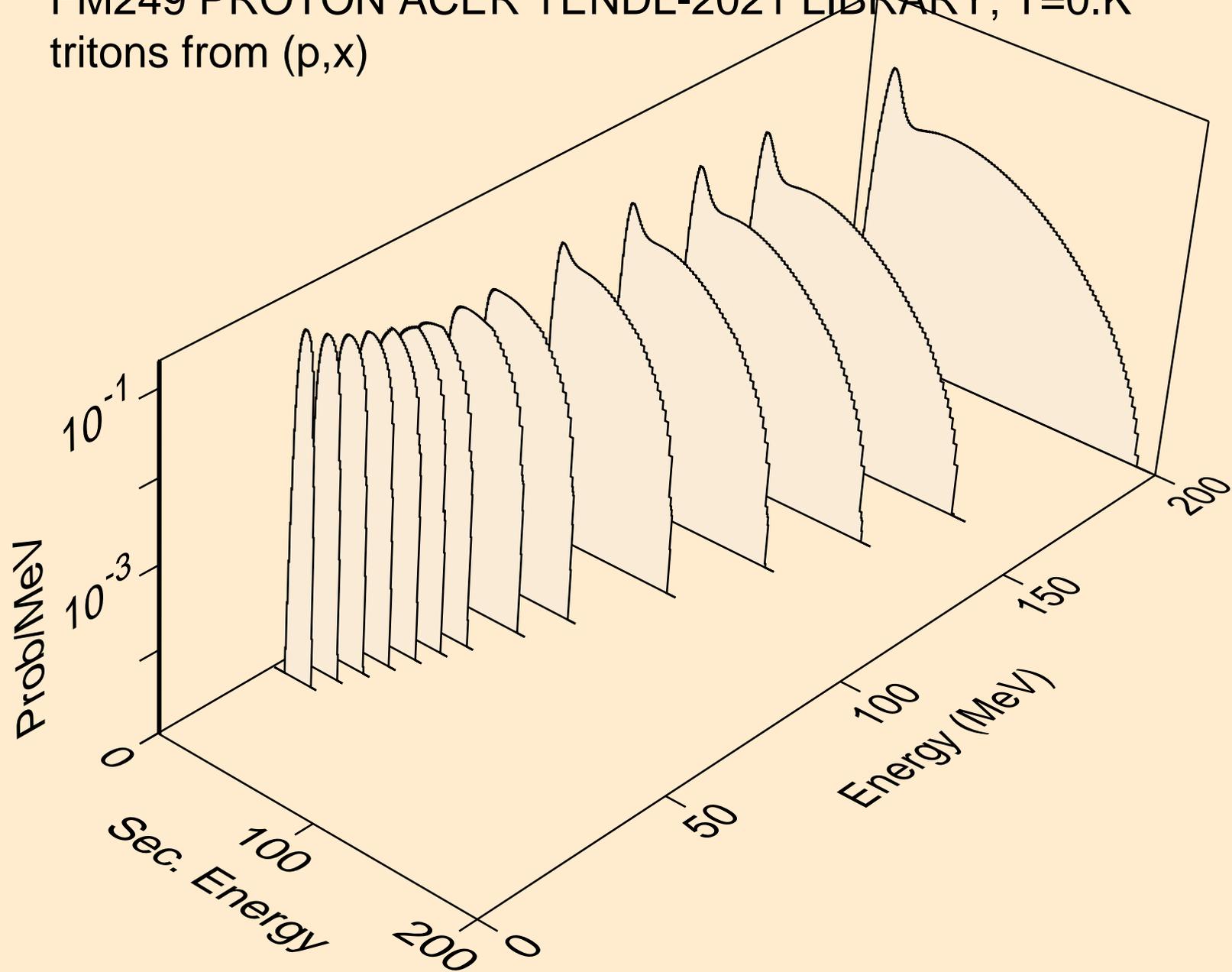
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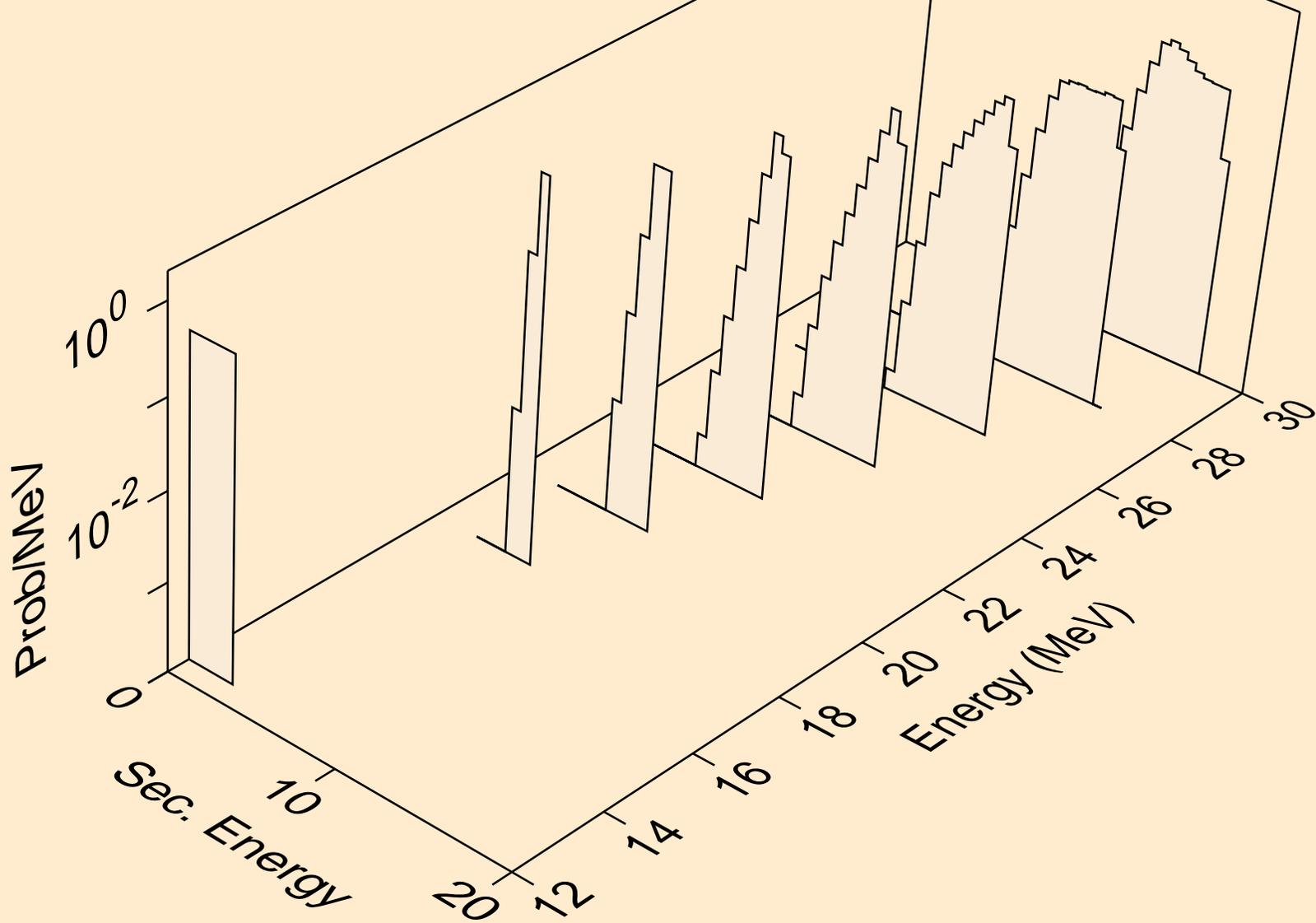
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deuterons from (p,d)



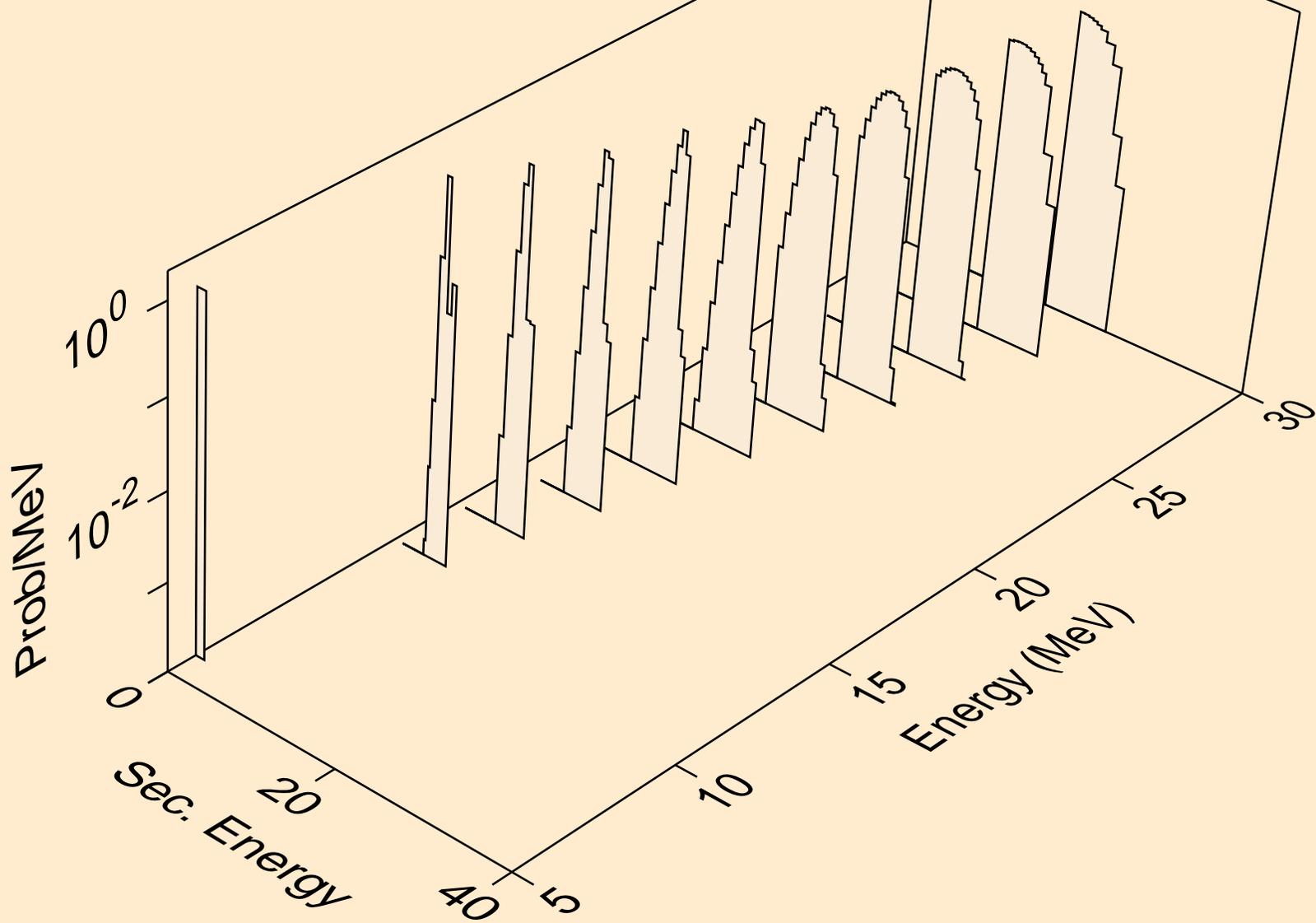
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tritons from (p,x)



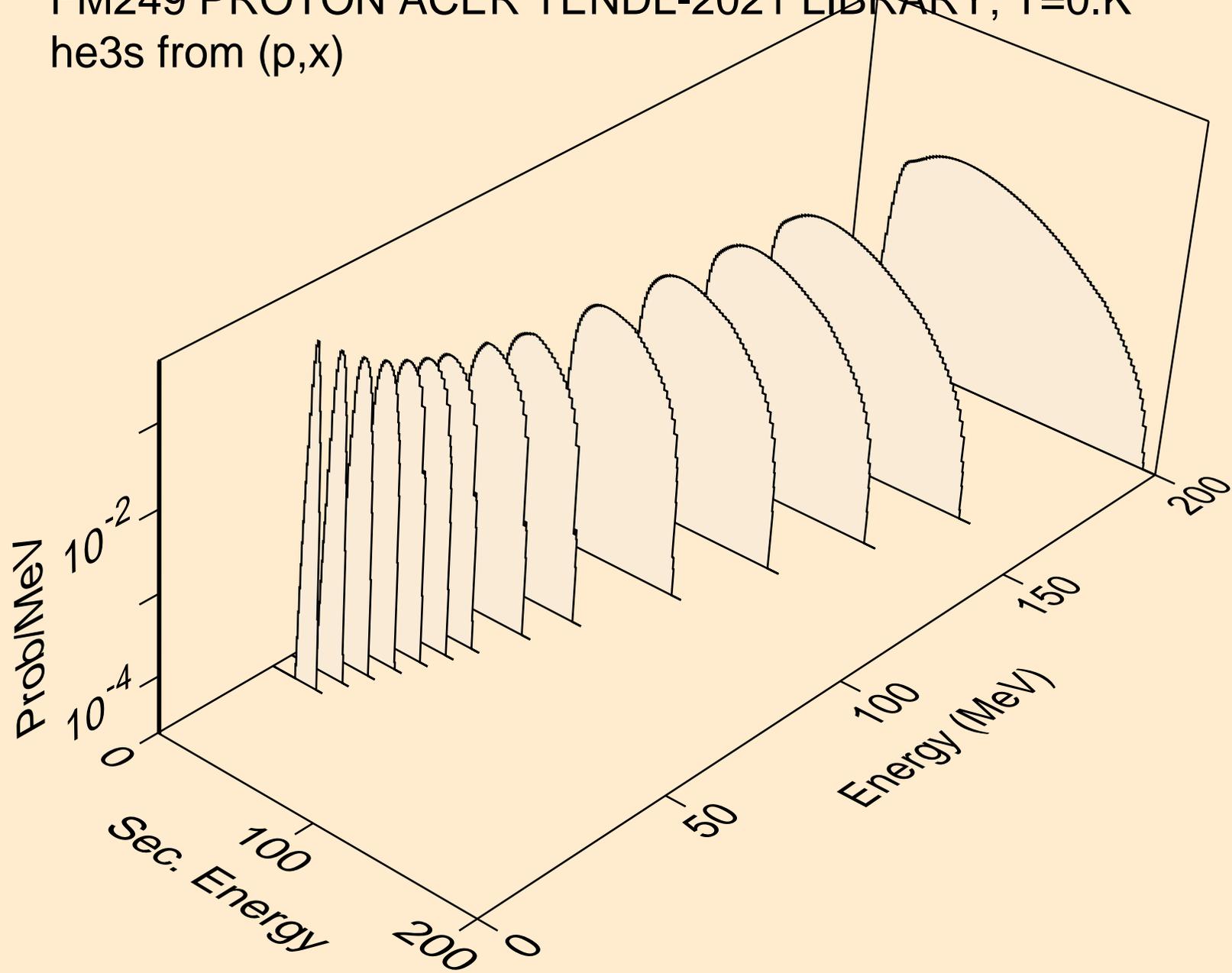
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tritons from (p,n\*)t



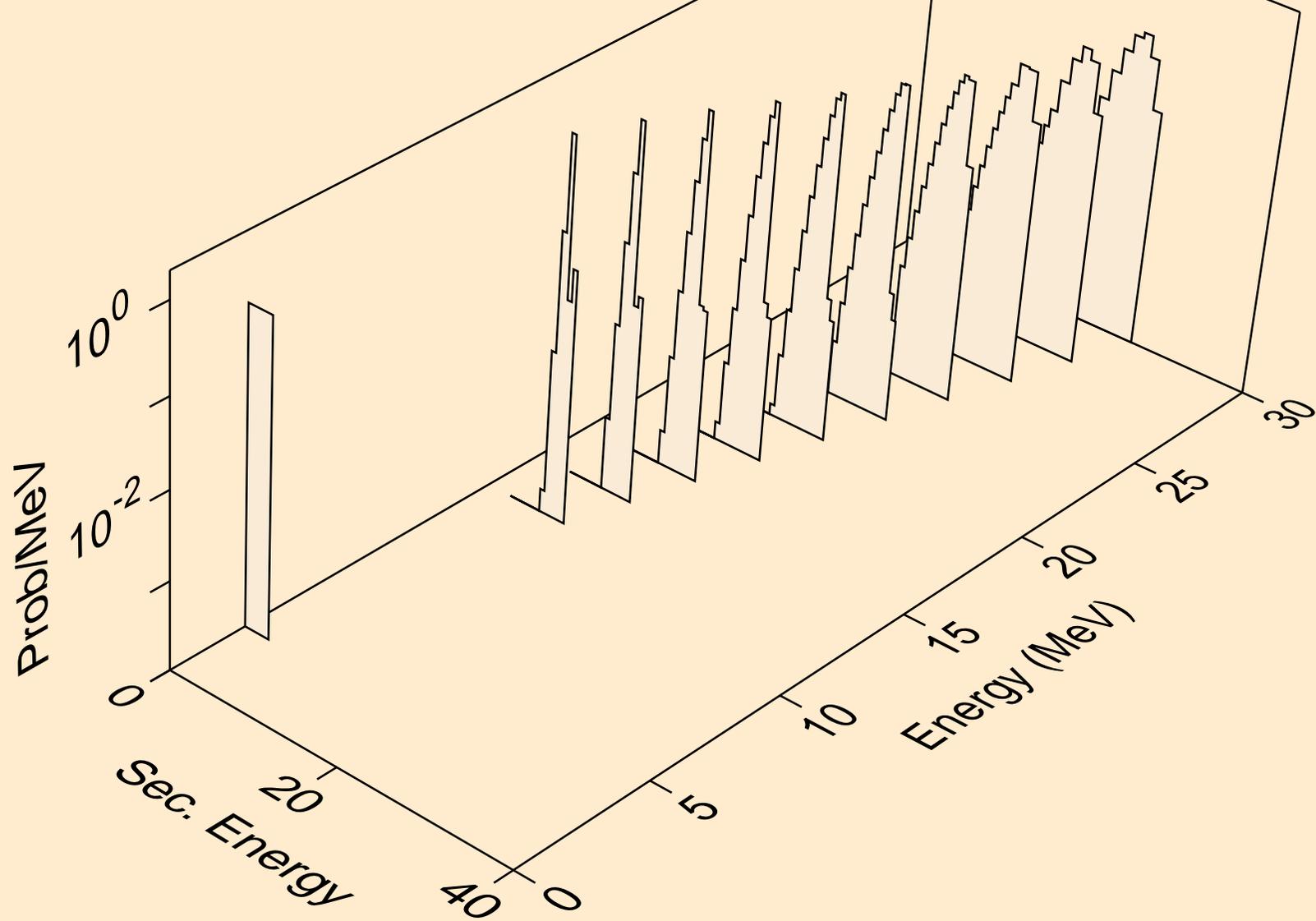
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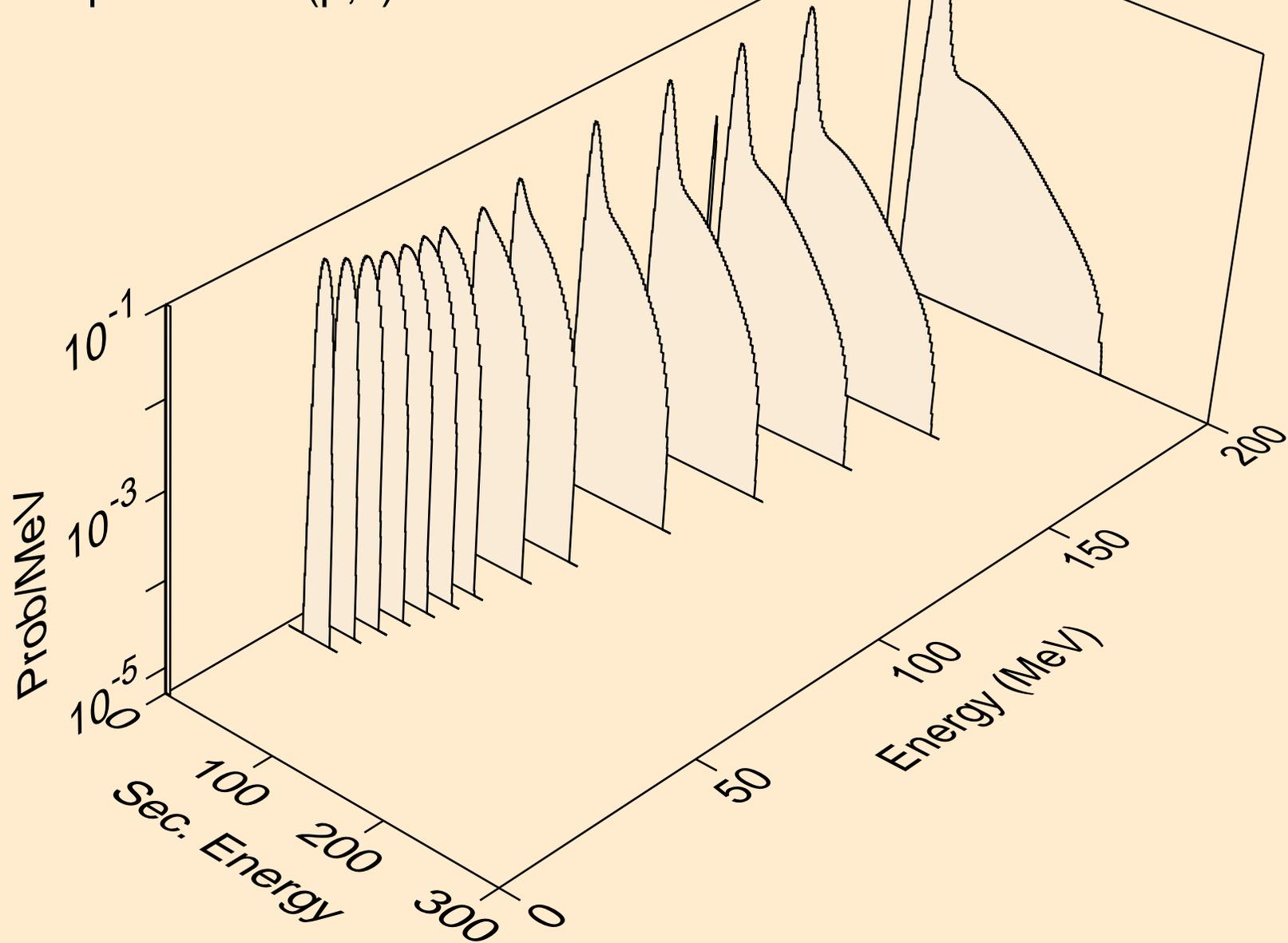
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he3s from (p,x)



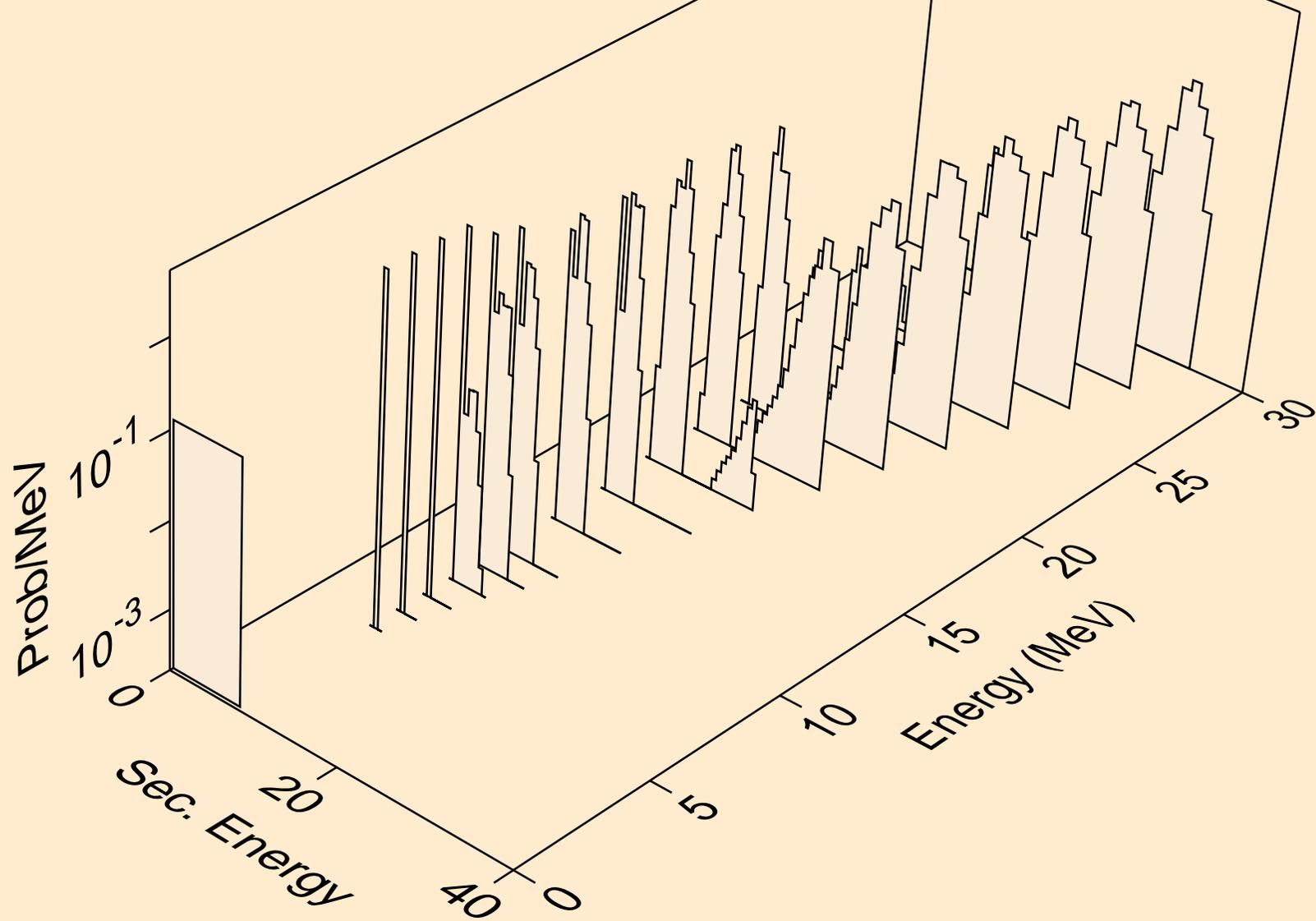
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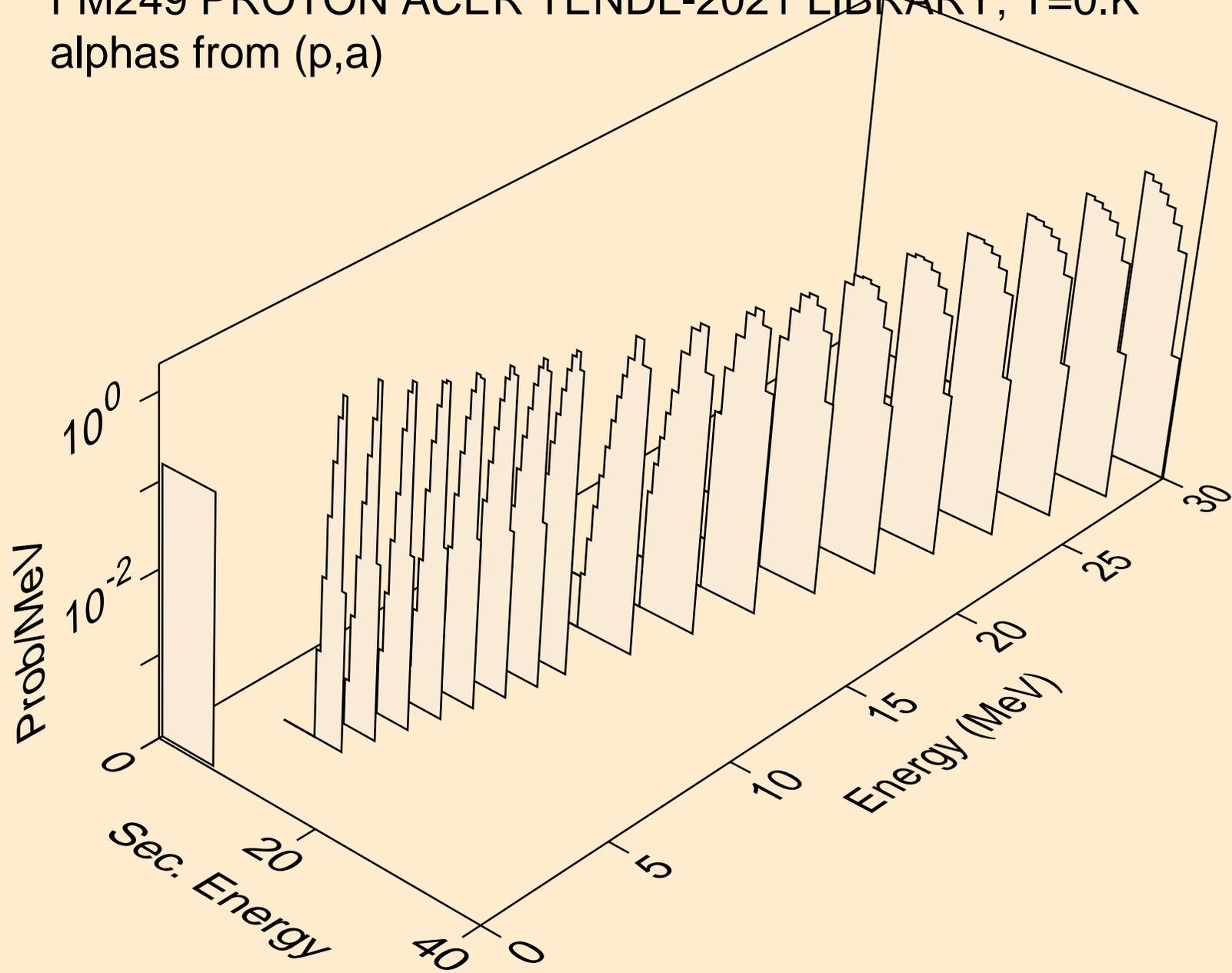
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alphas from (p,x)



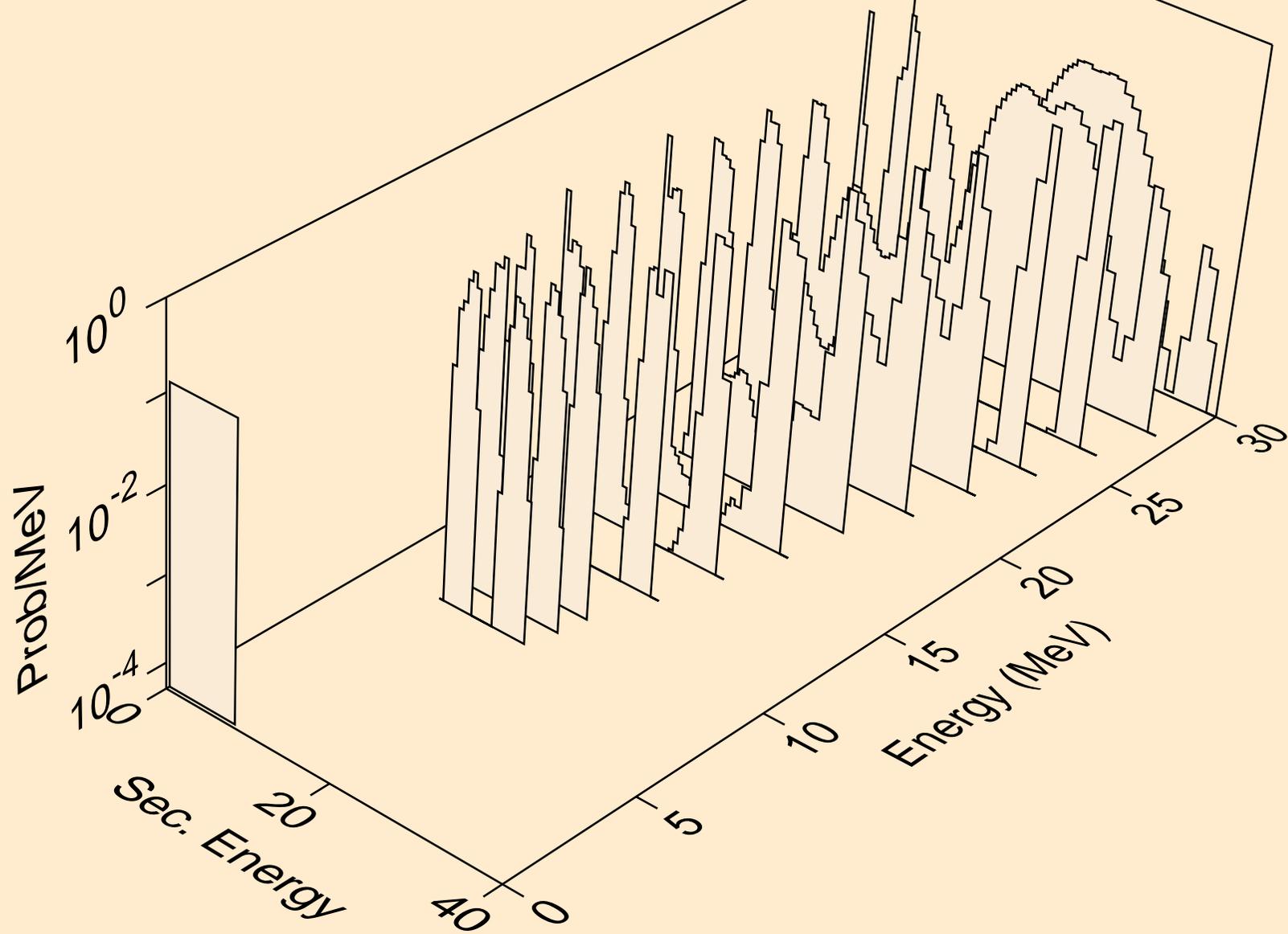
FM249 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,n\*)a



FM249 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,a)



FM249 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,2a)



FM249 PROTON ACER TENDL-2021 LIBRARY; T=0.K  
alphas from (p,pa)

