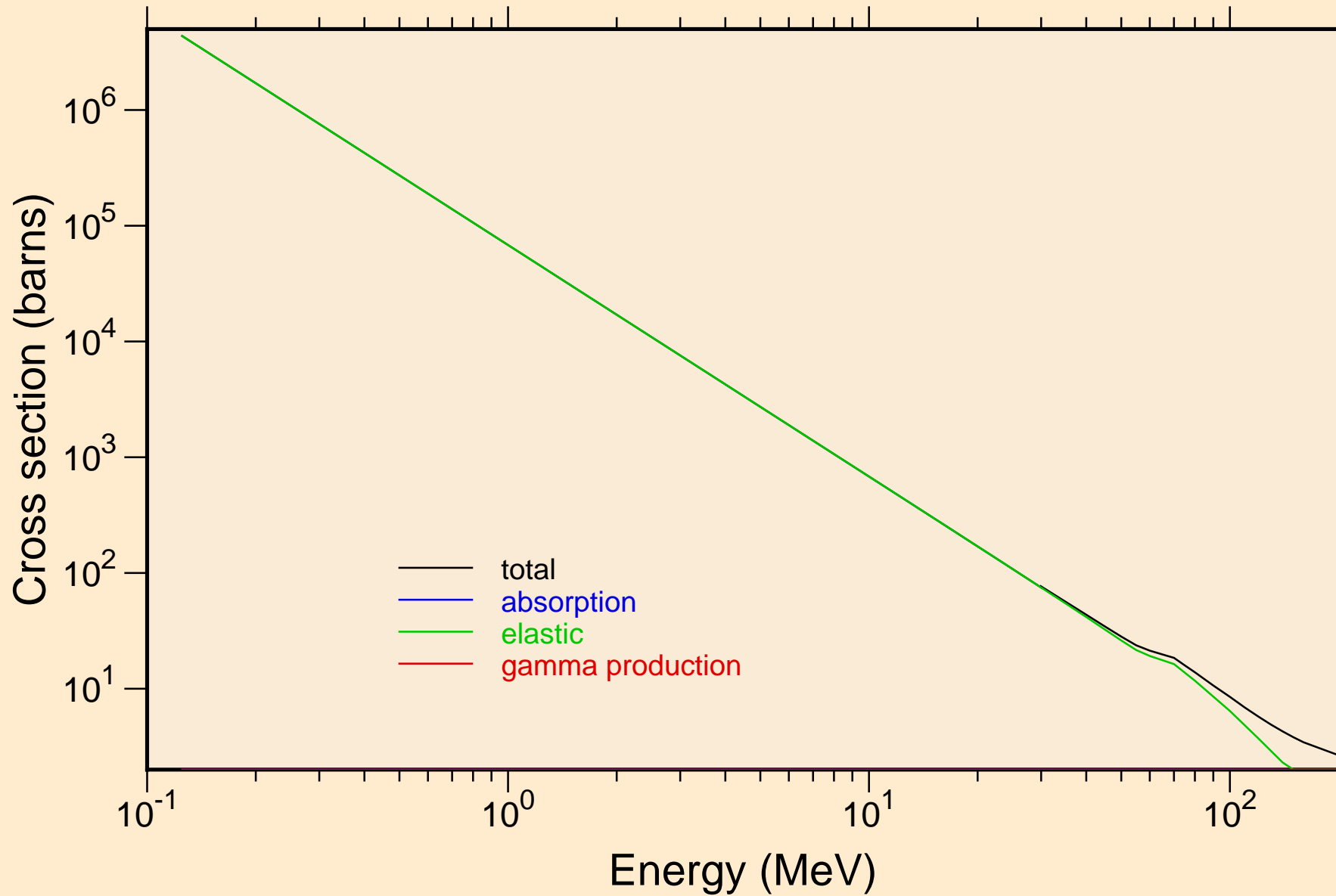
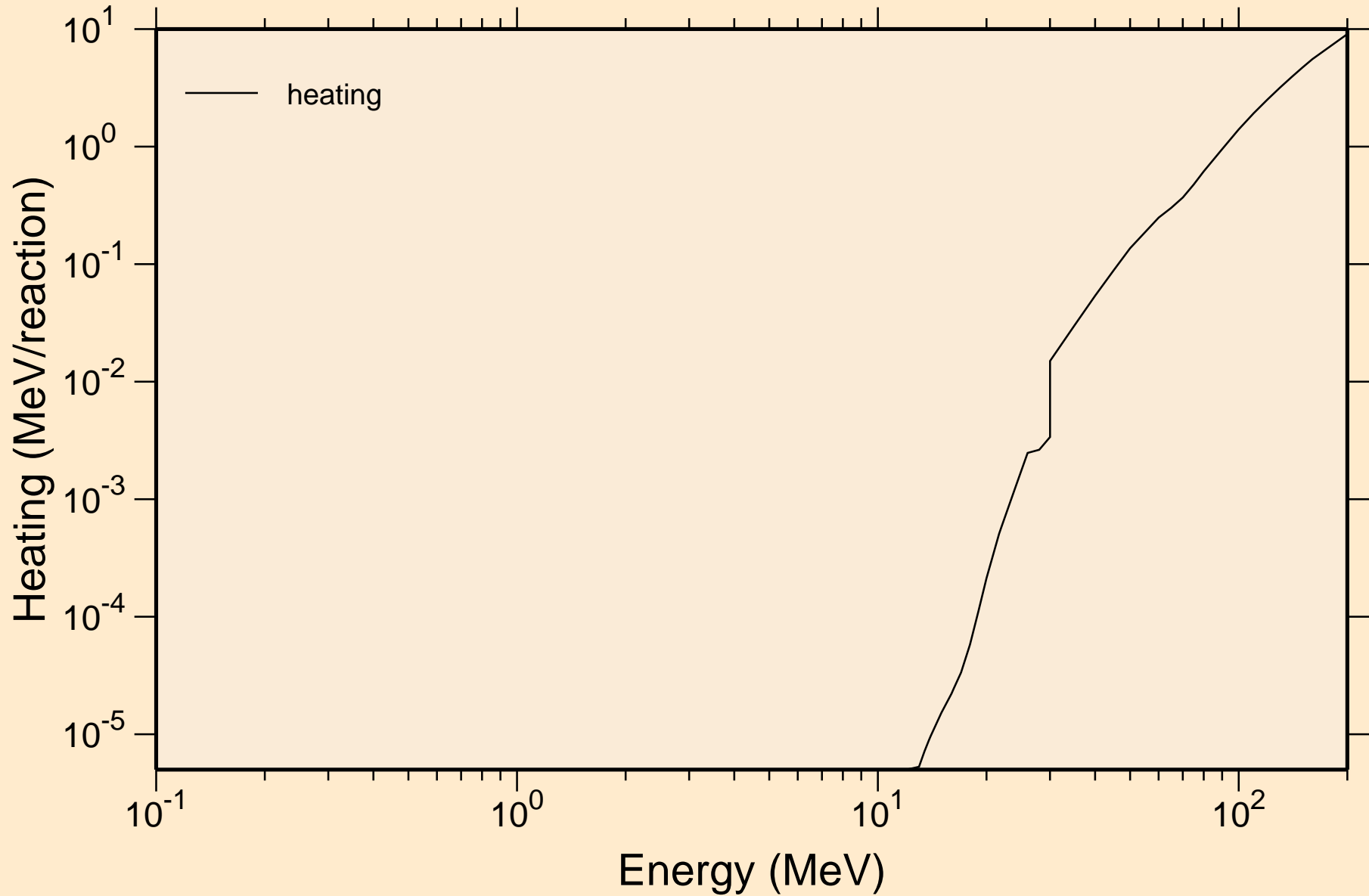


DB256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



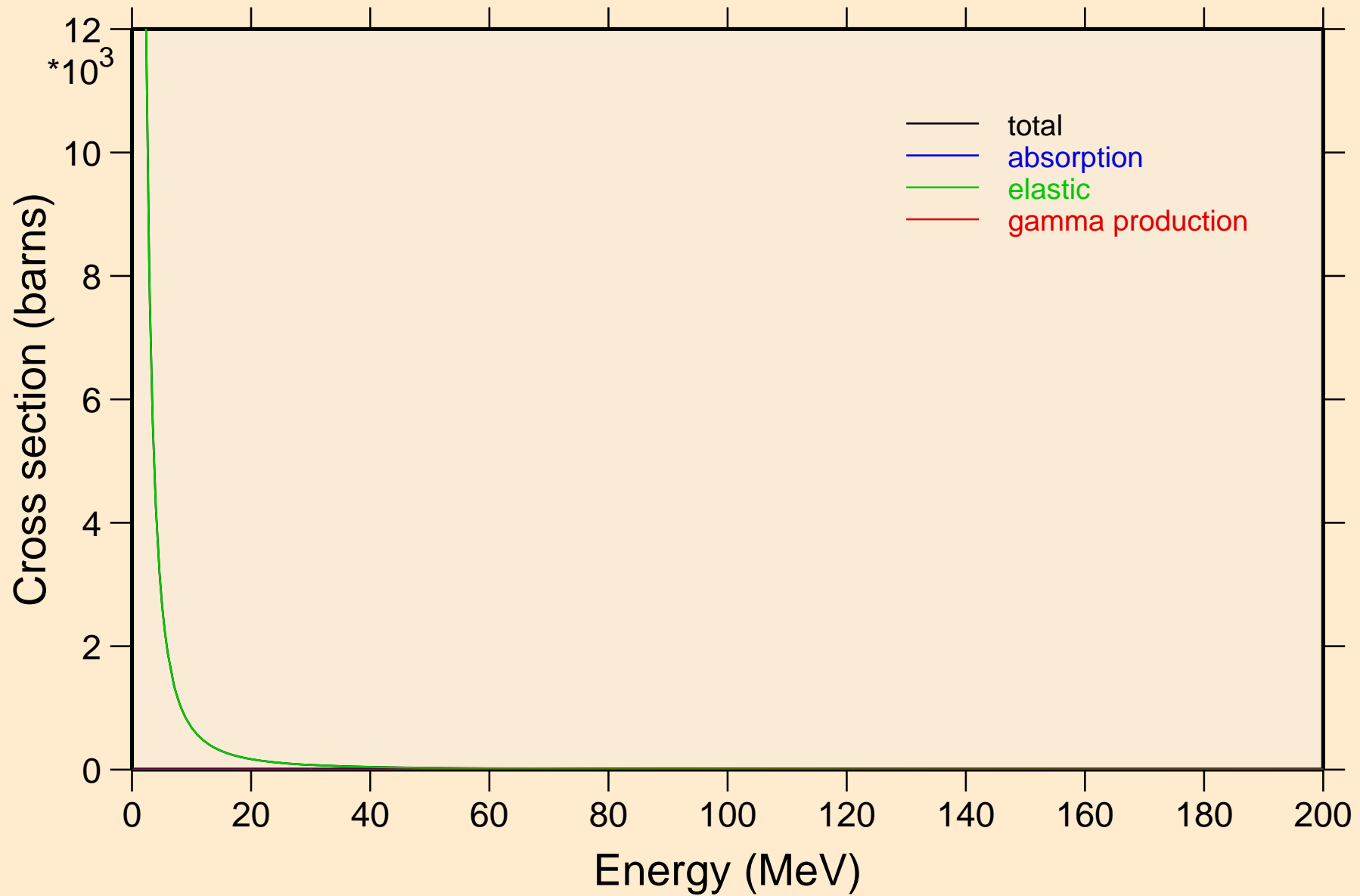
# DB256 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Heating



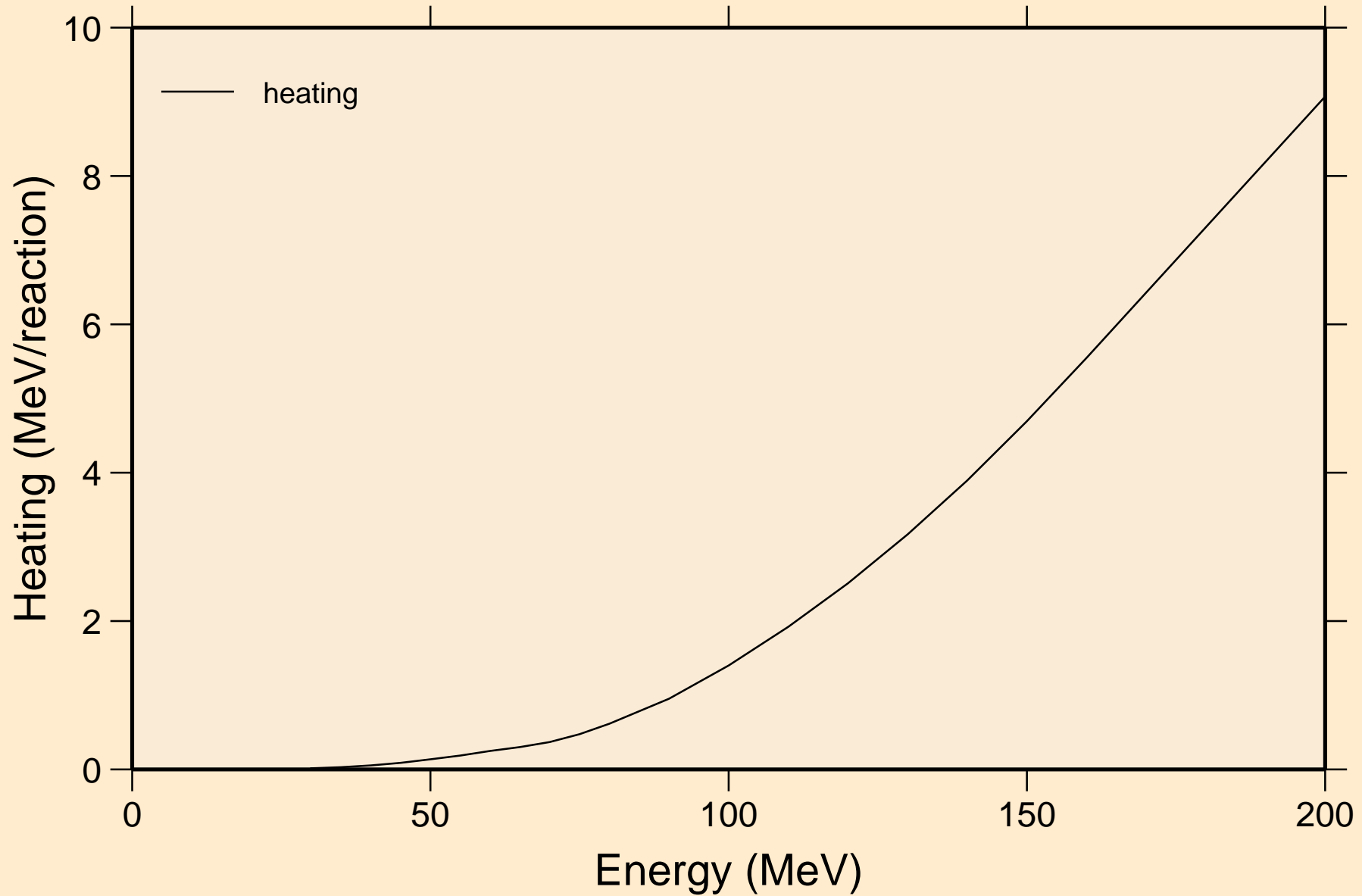
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## Principal cross sections

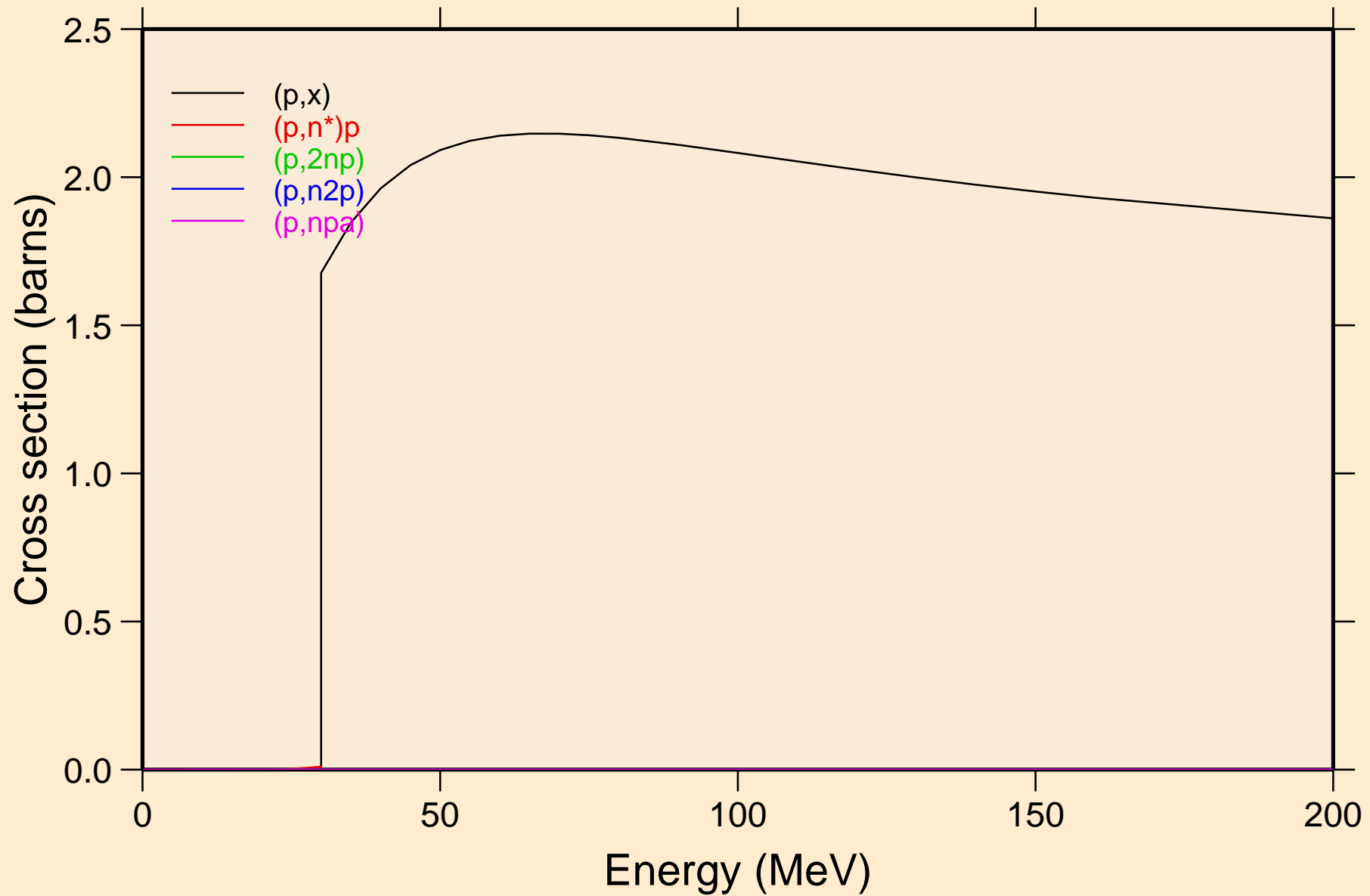


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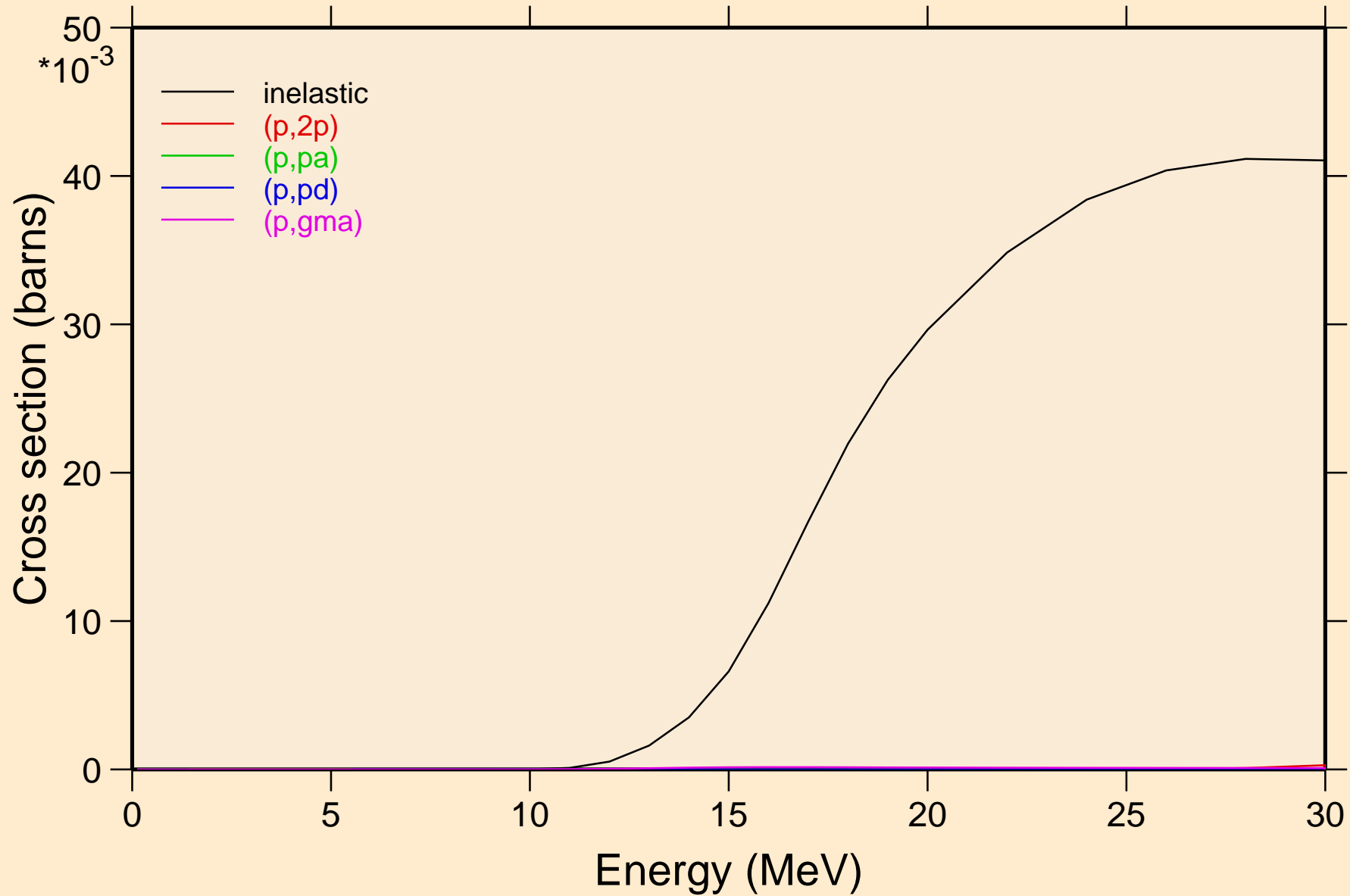
Heating



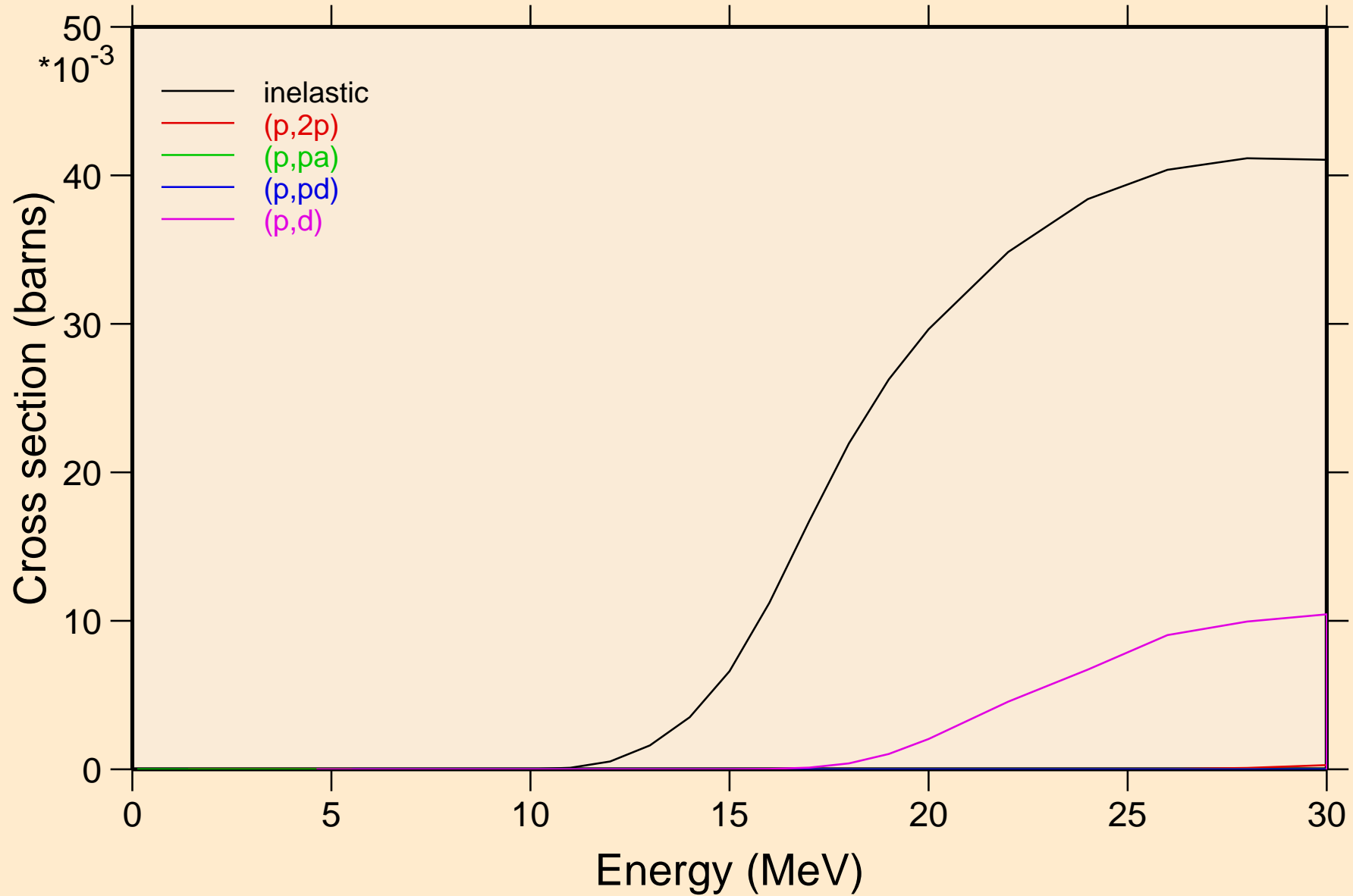
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Threshold reactions



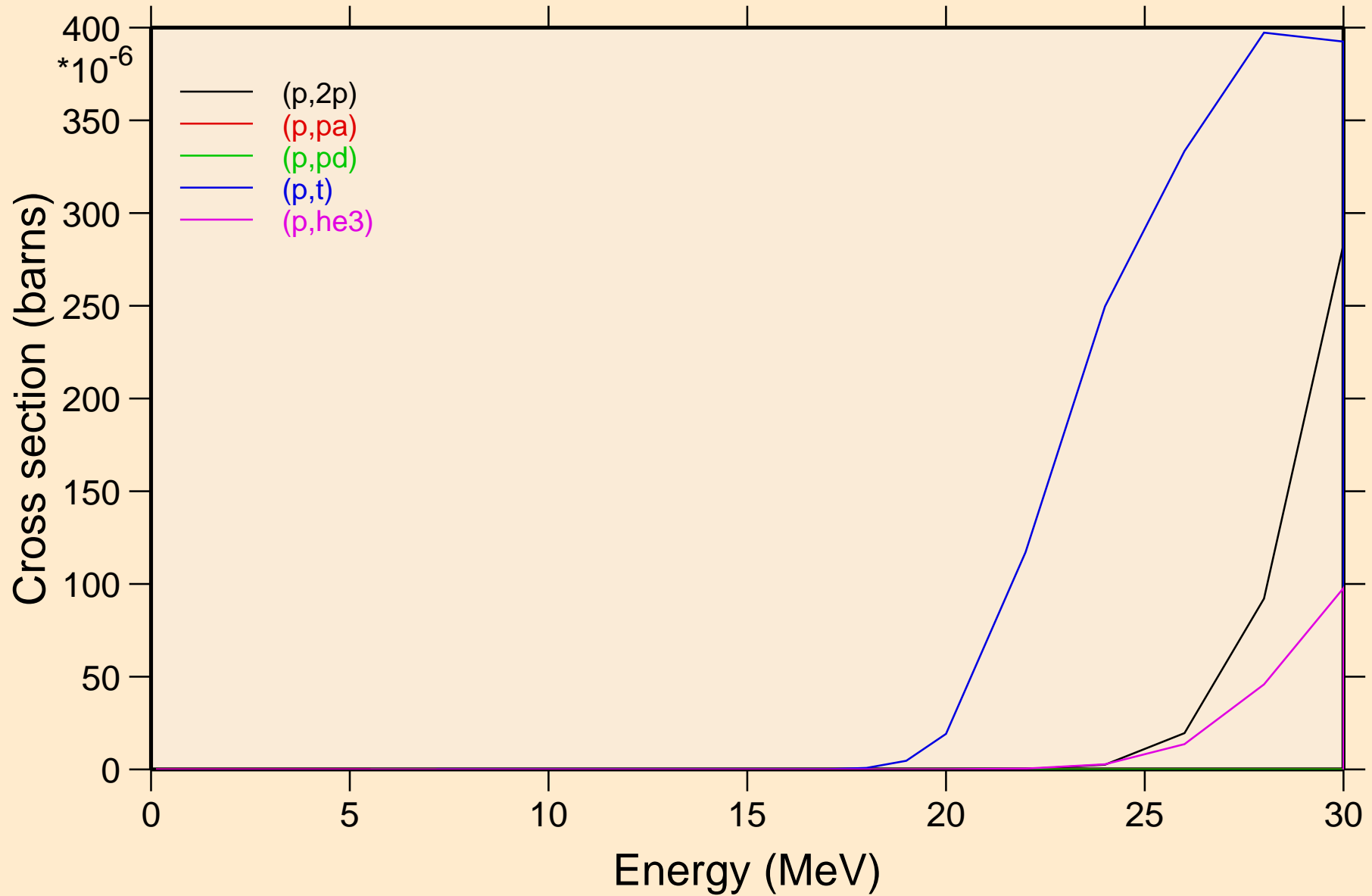
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Threshold reactions



DB256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



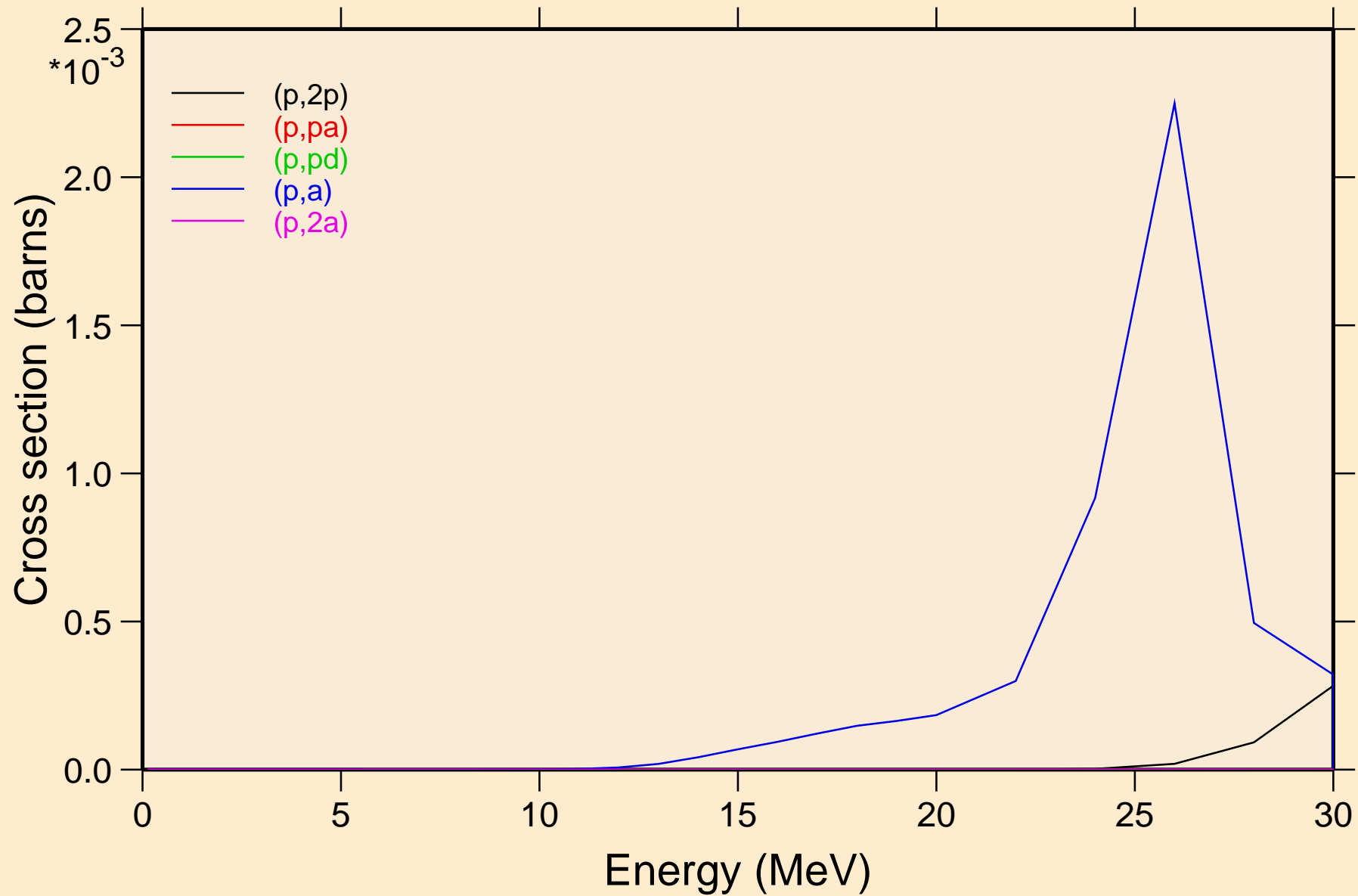
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Threshold reactions



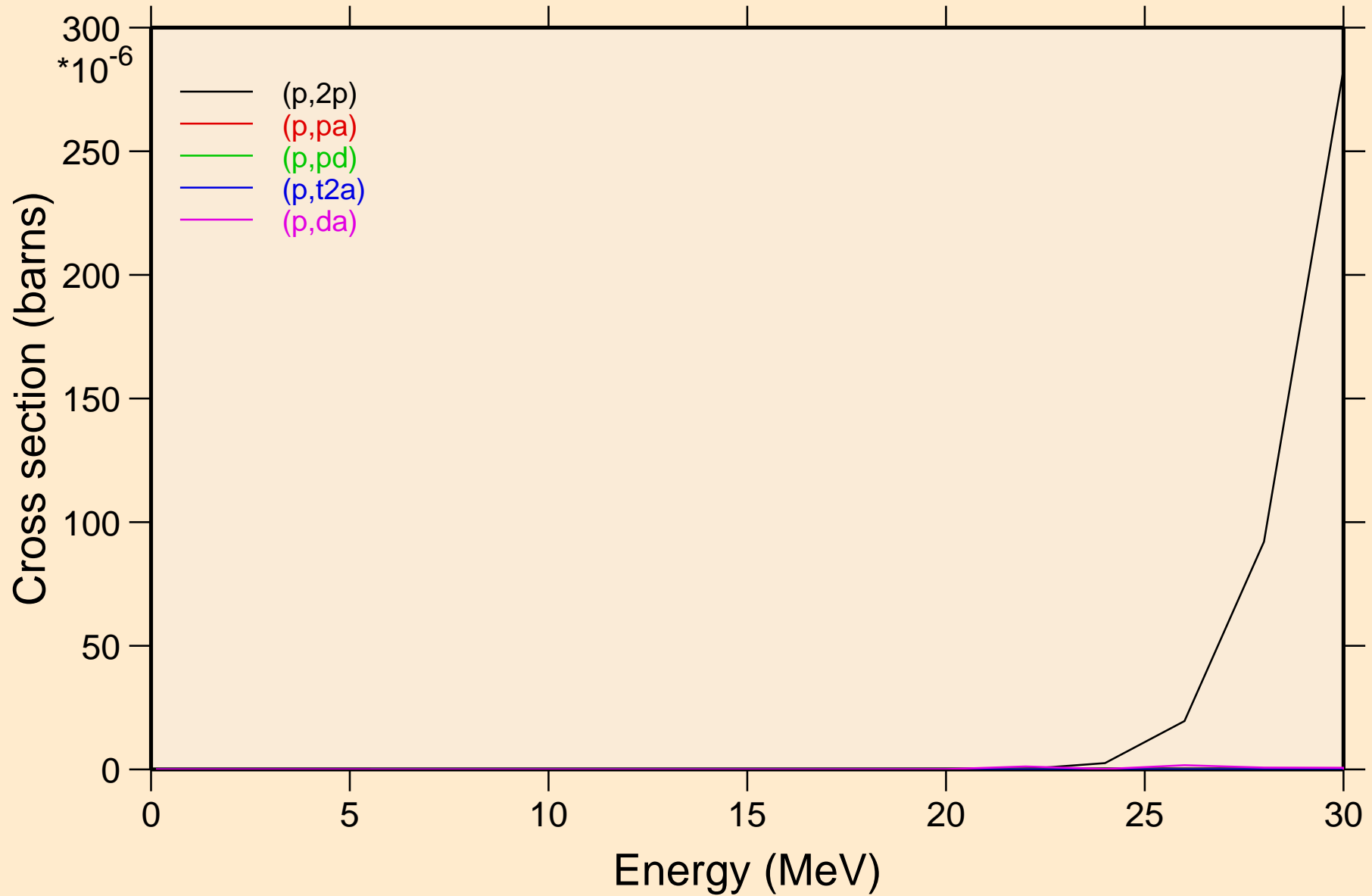


# DB256 PROTON ACER TENDL-2023 LIBRARY; T=0.K

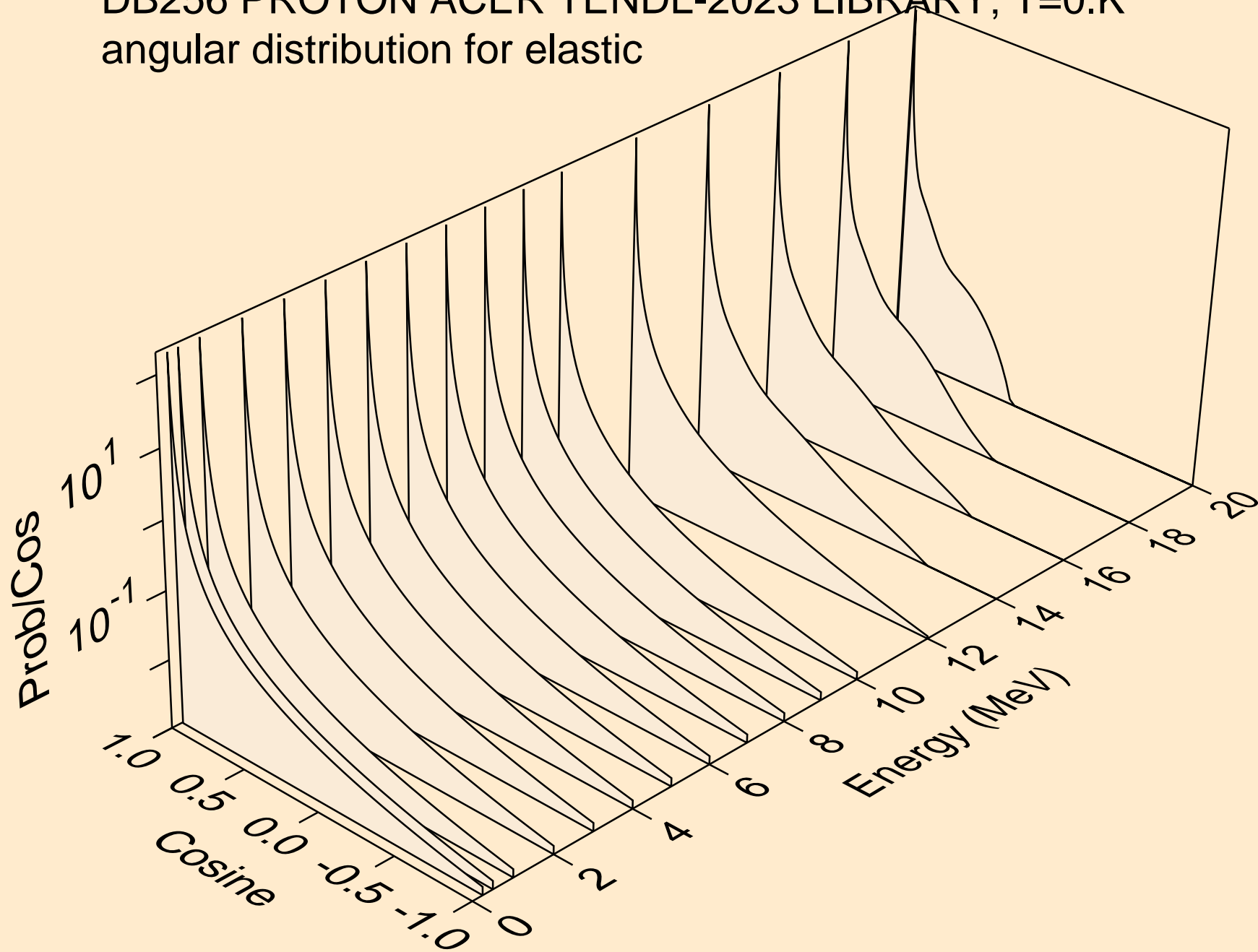
## Threshold reactions



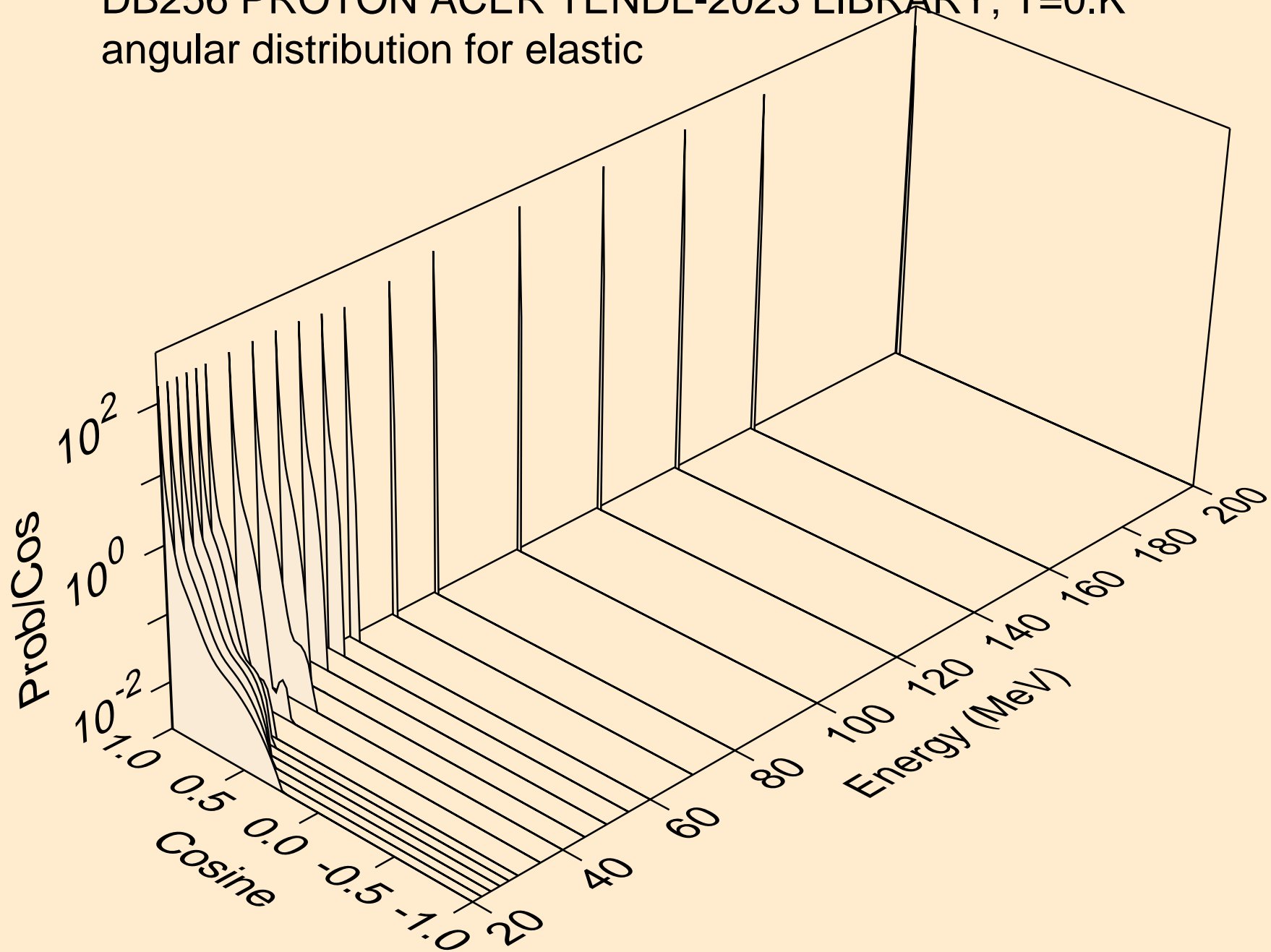
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Threshold reactions



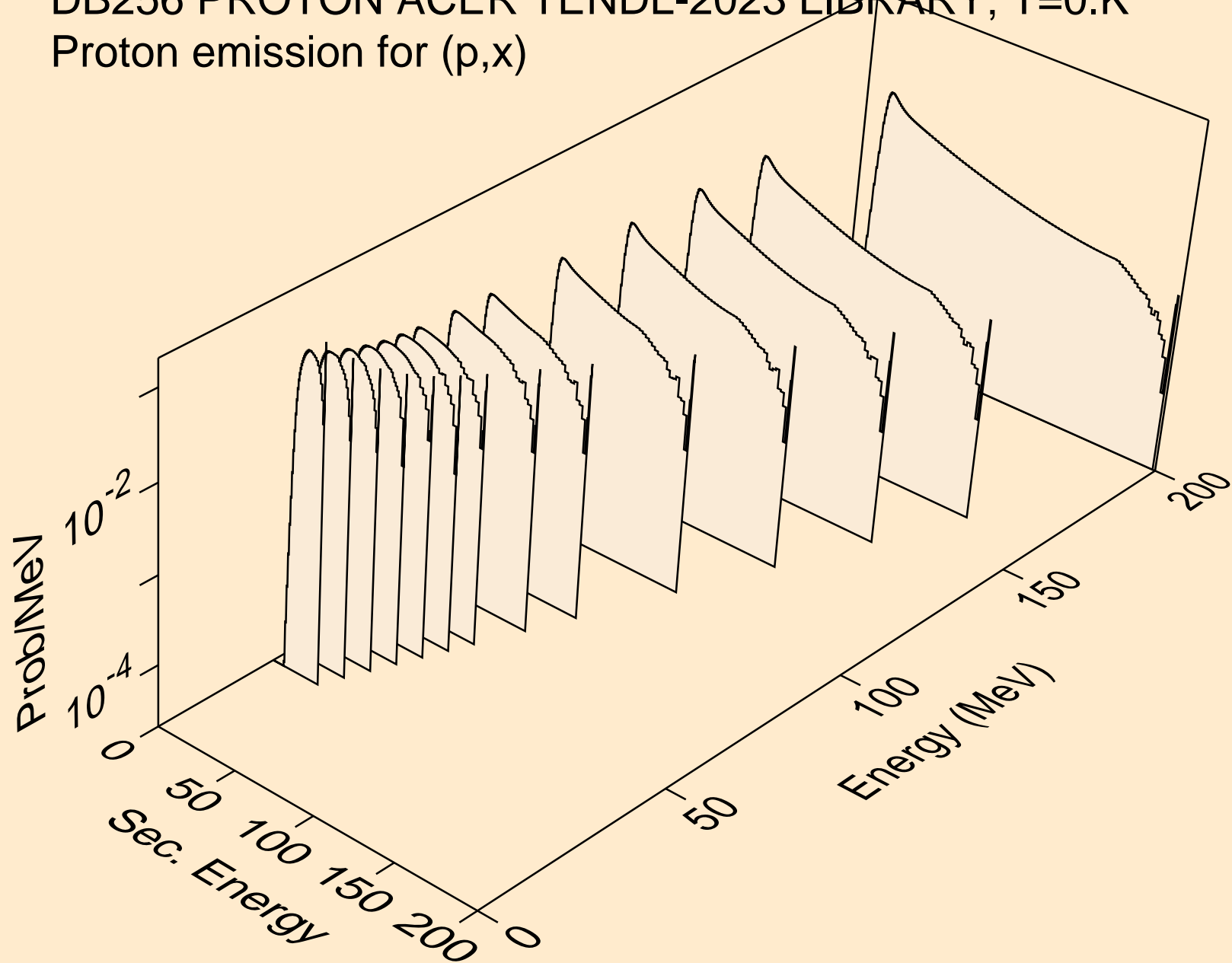
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angular distribution for elastic



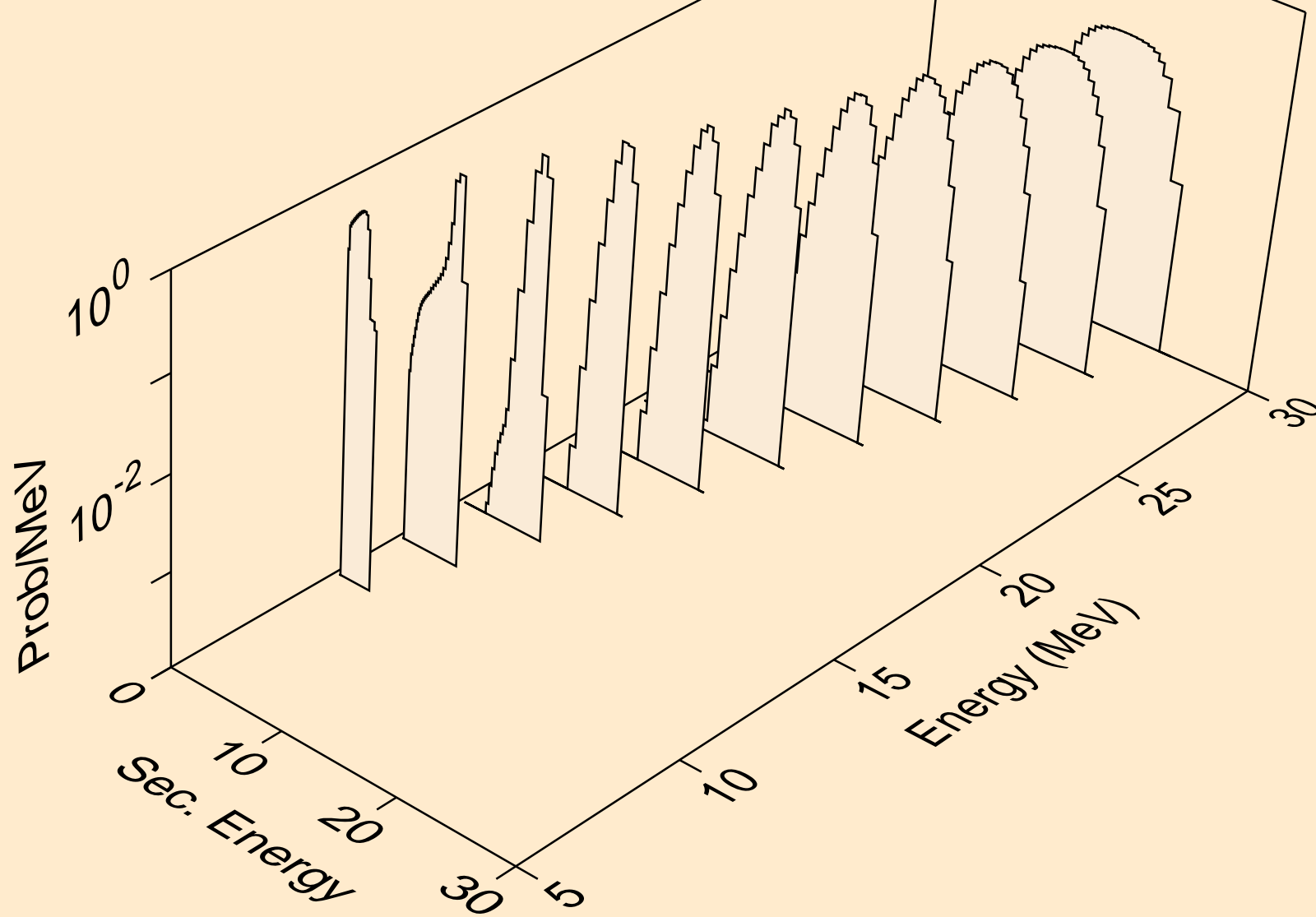
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angular distribution for elastic



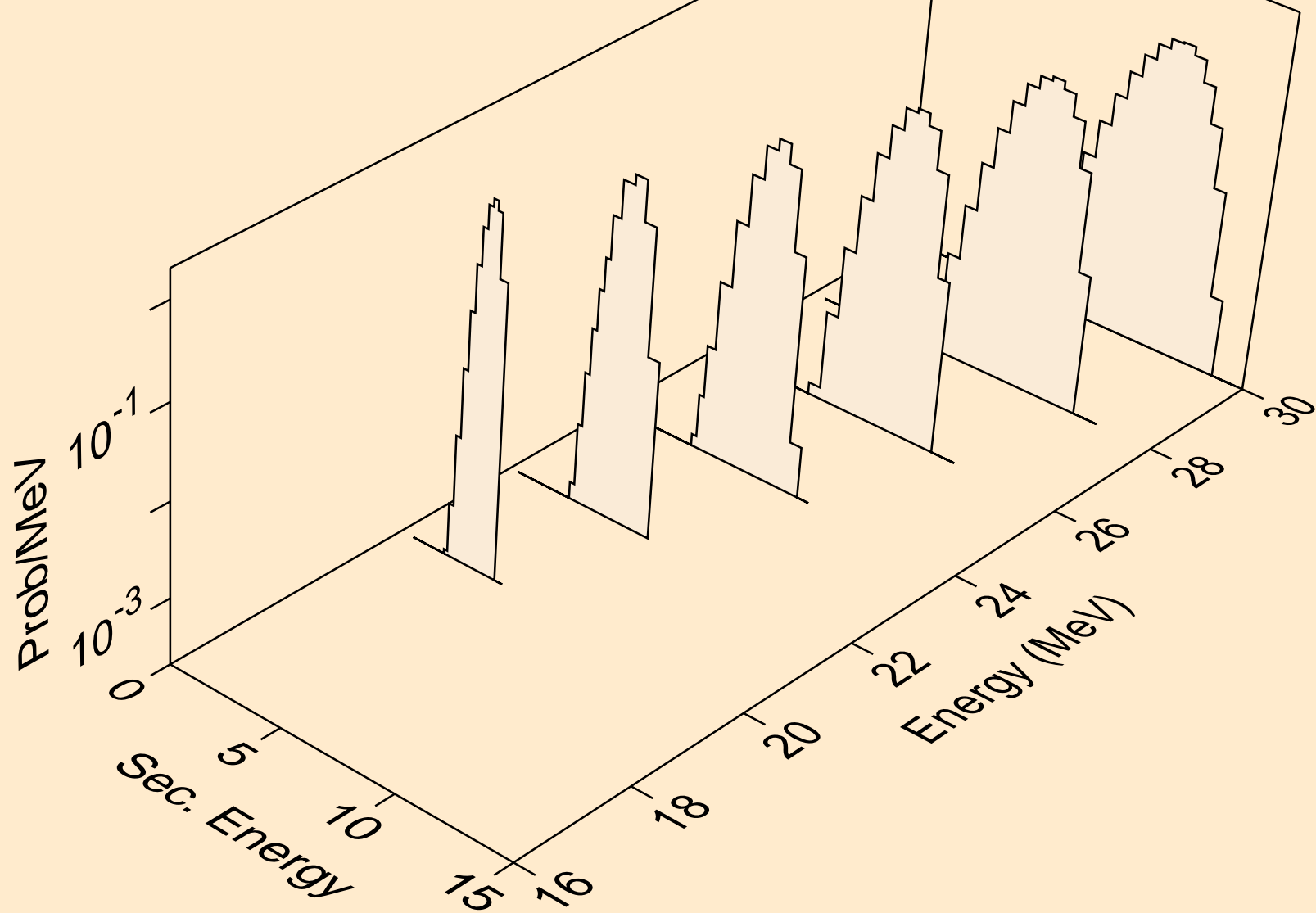
DB256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)



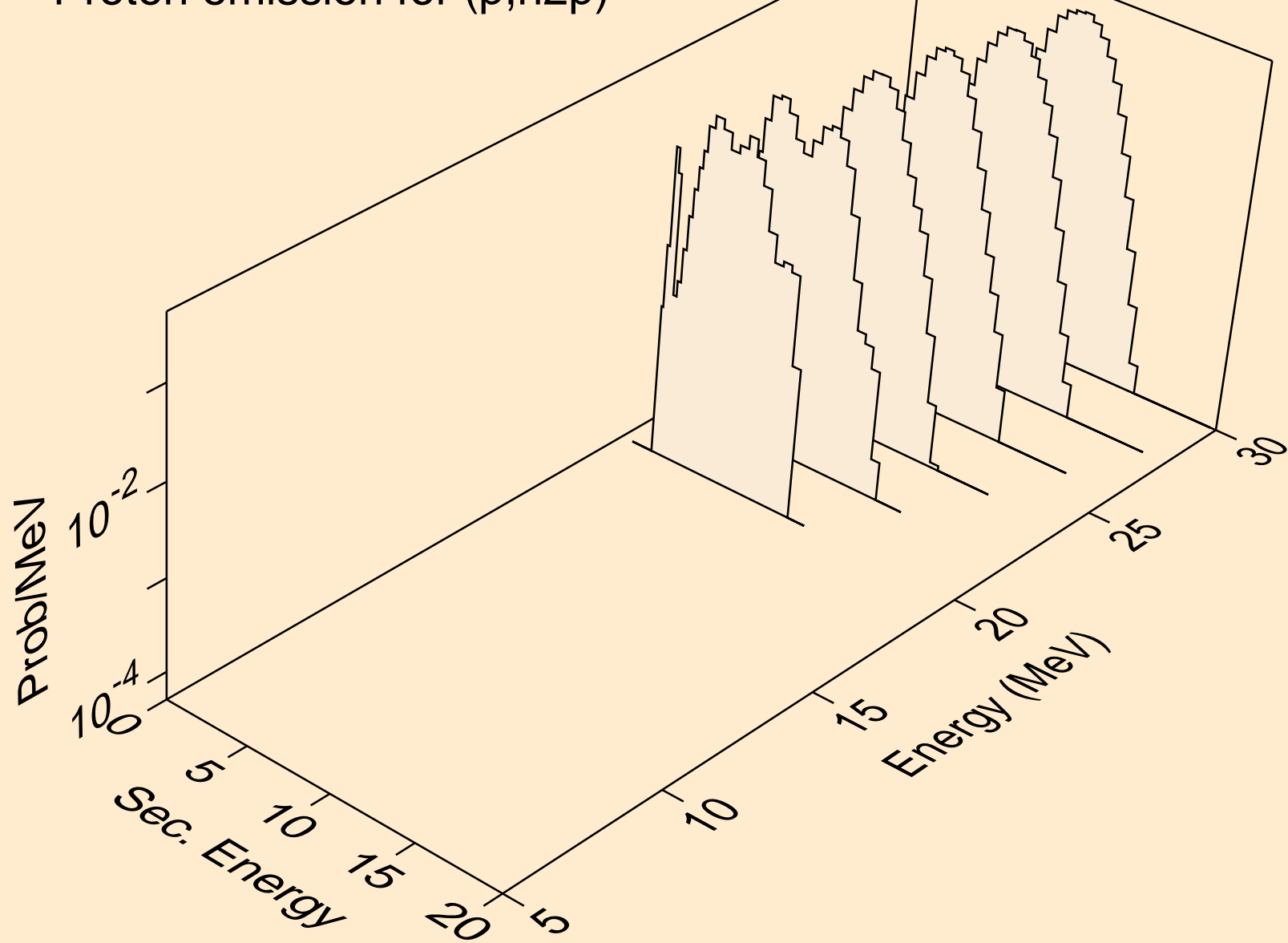
DB256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



DB256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)

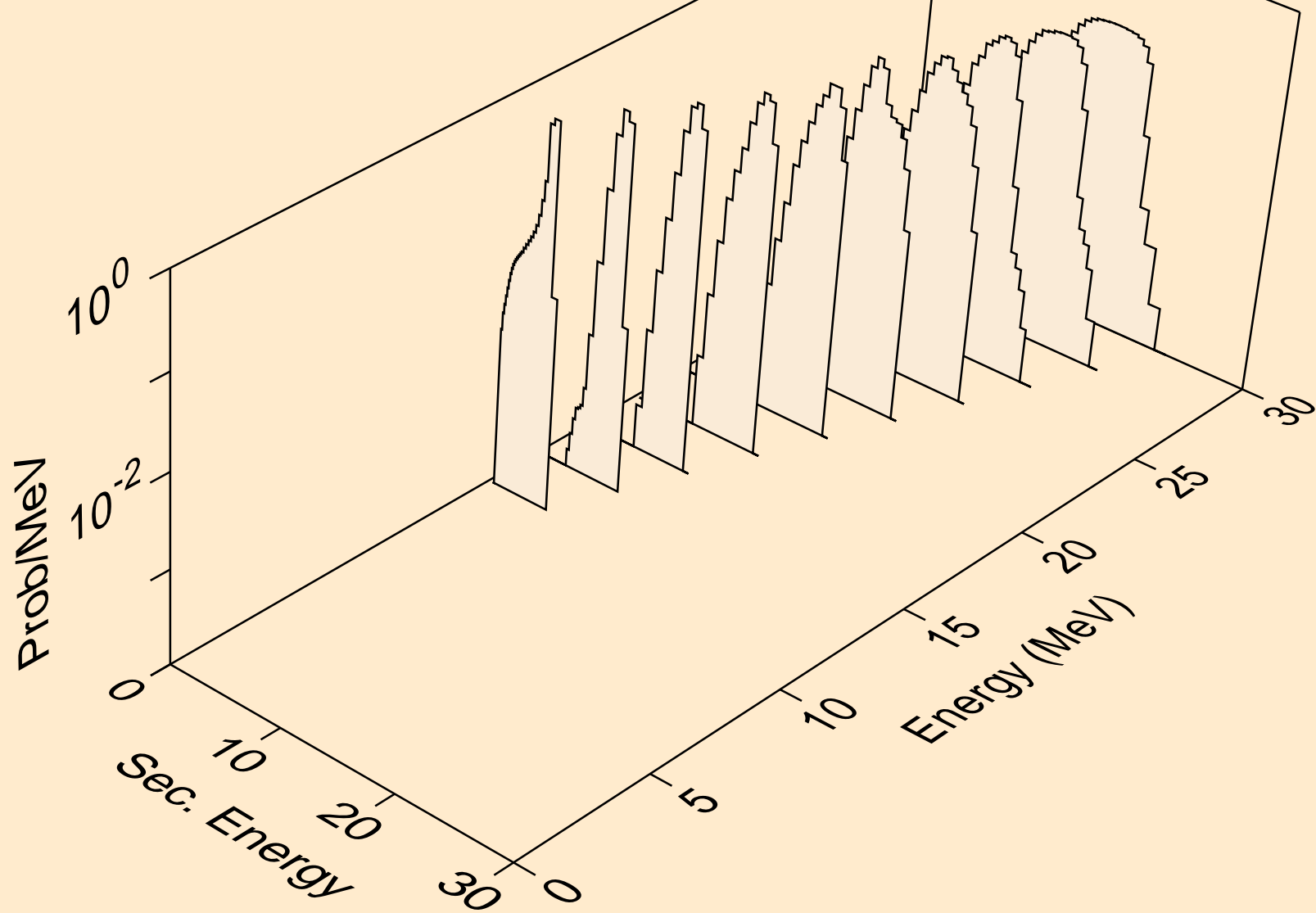


DB256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)

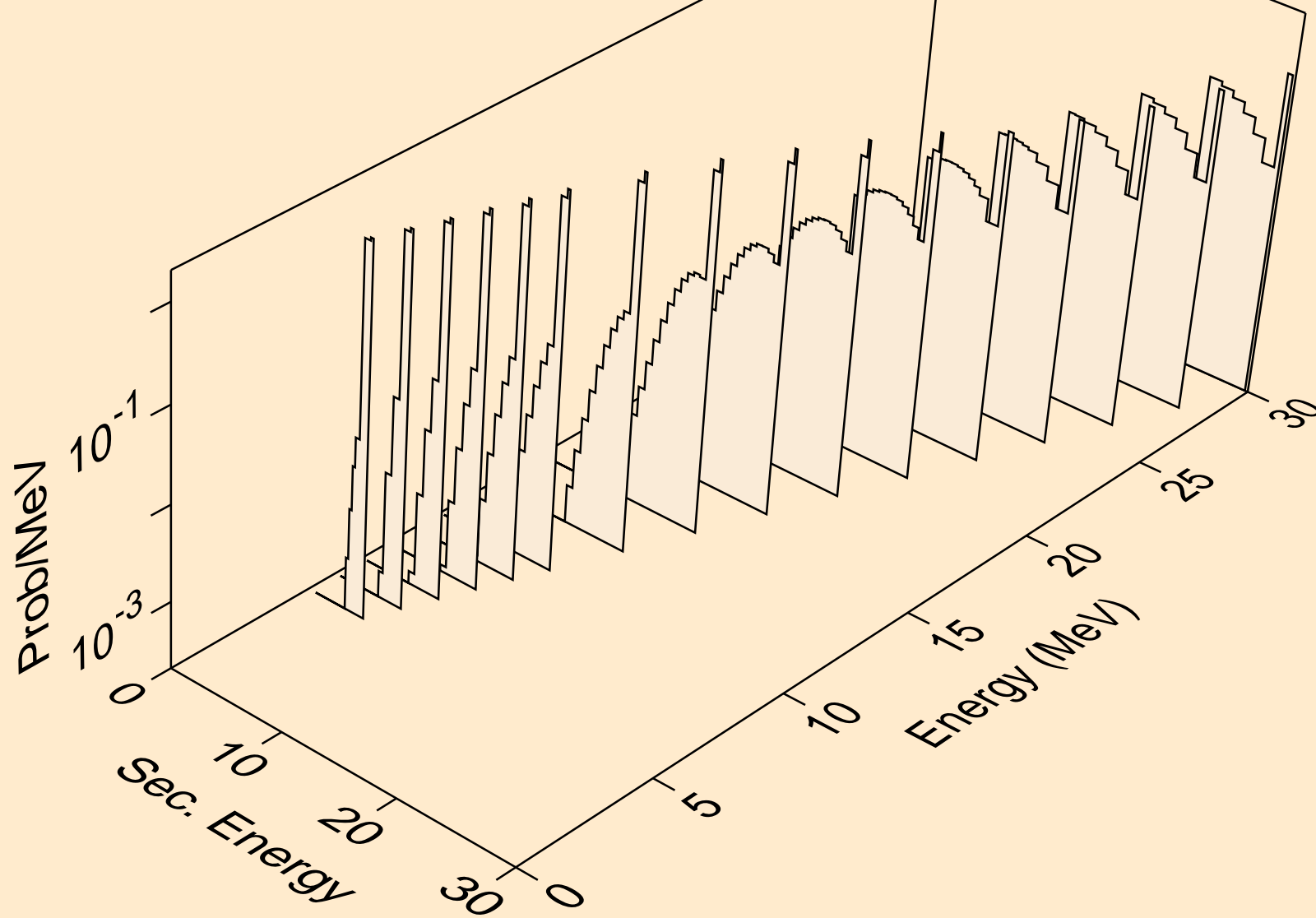




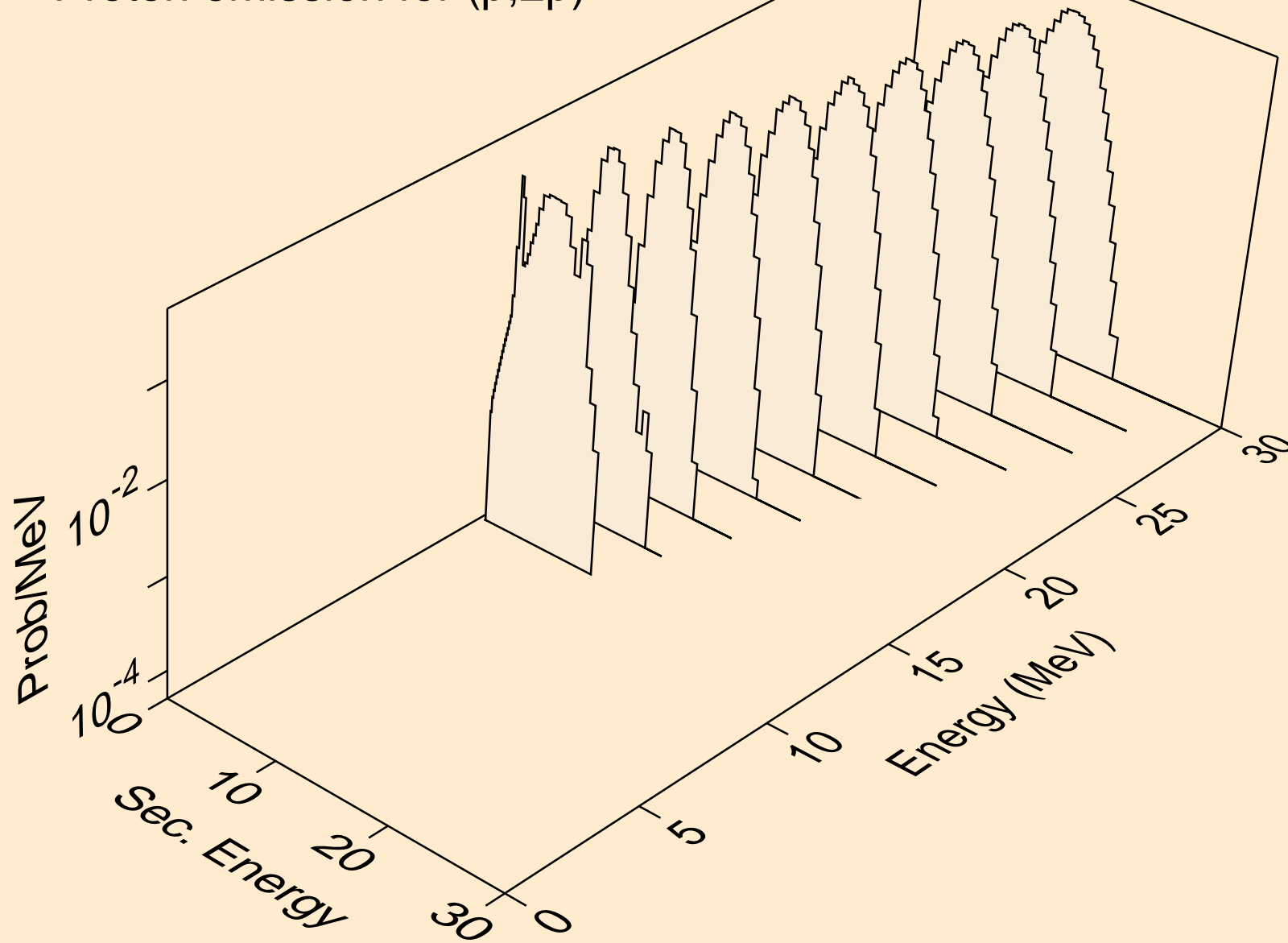
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Proton emission for (p,npa)



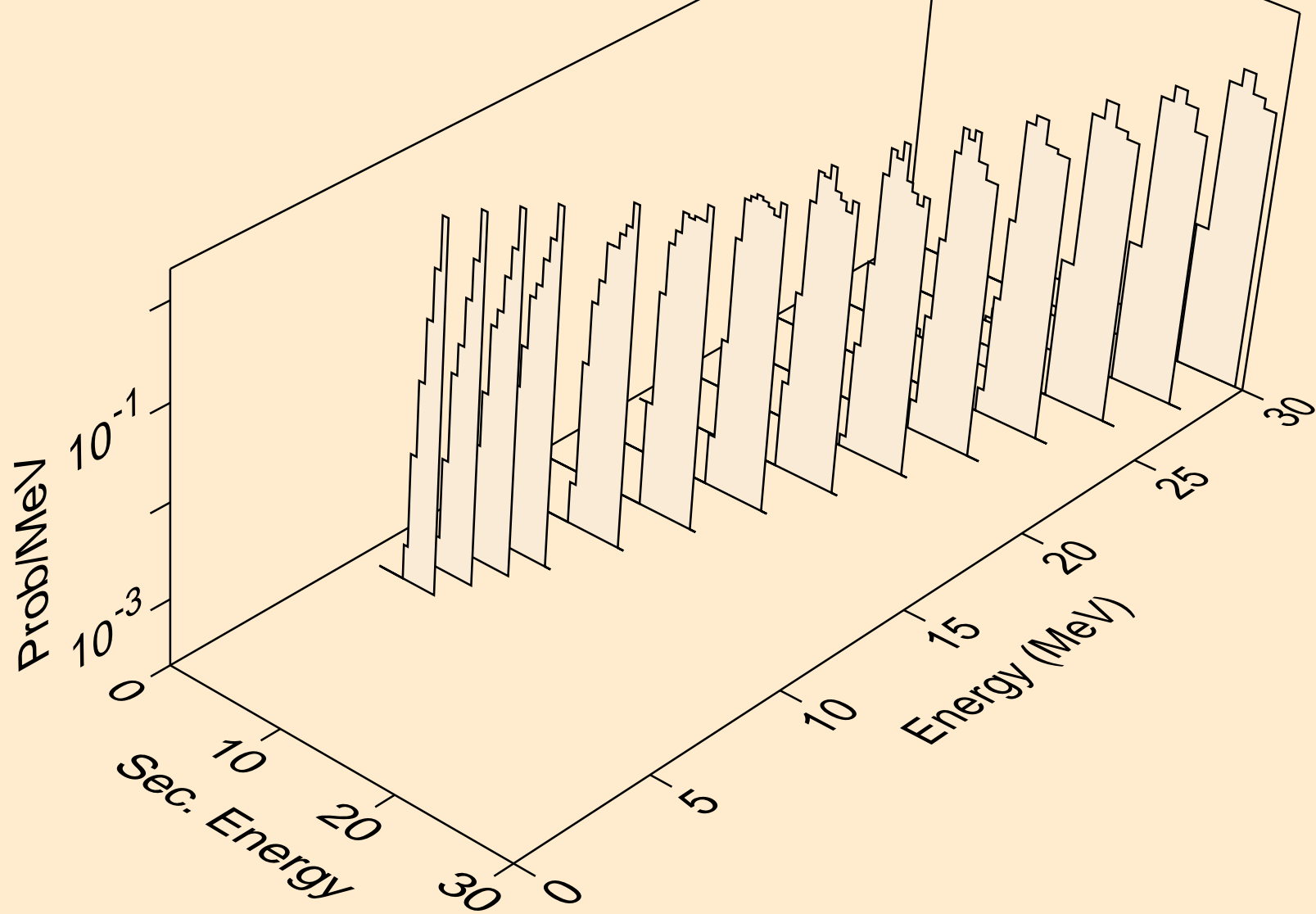
DB256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic



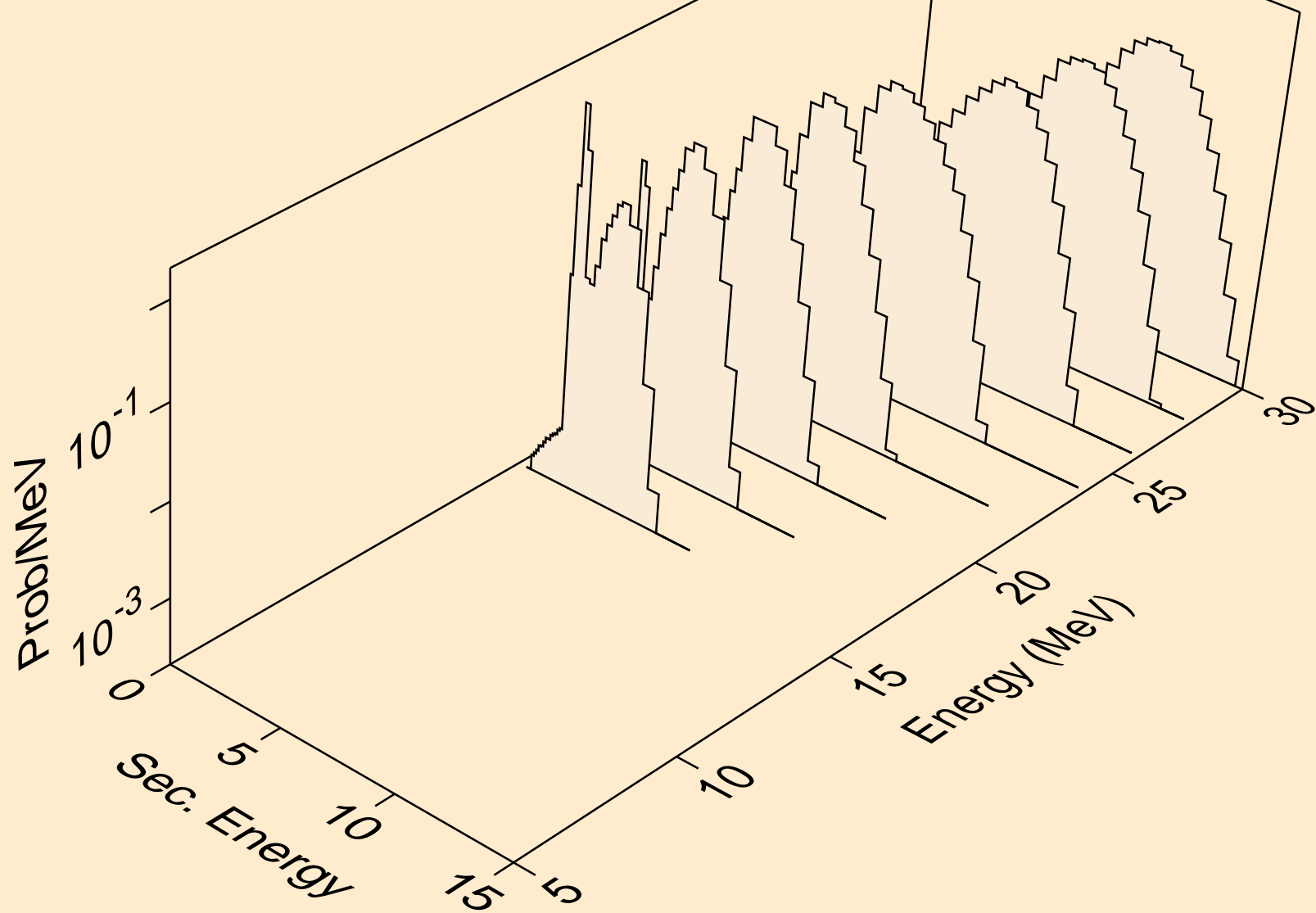
DB256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)



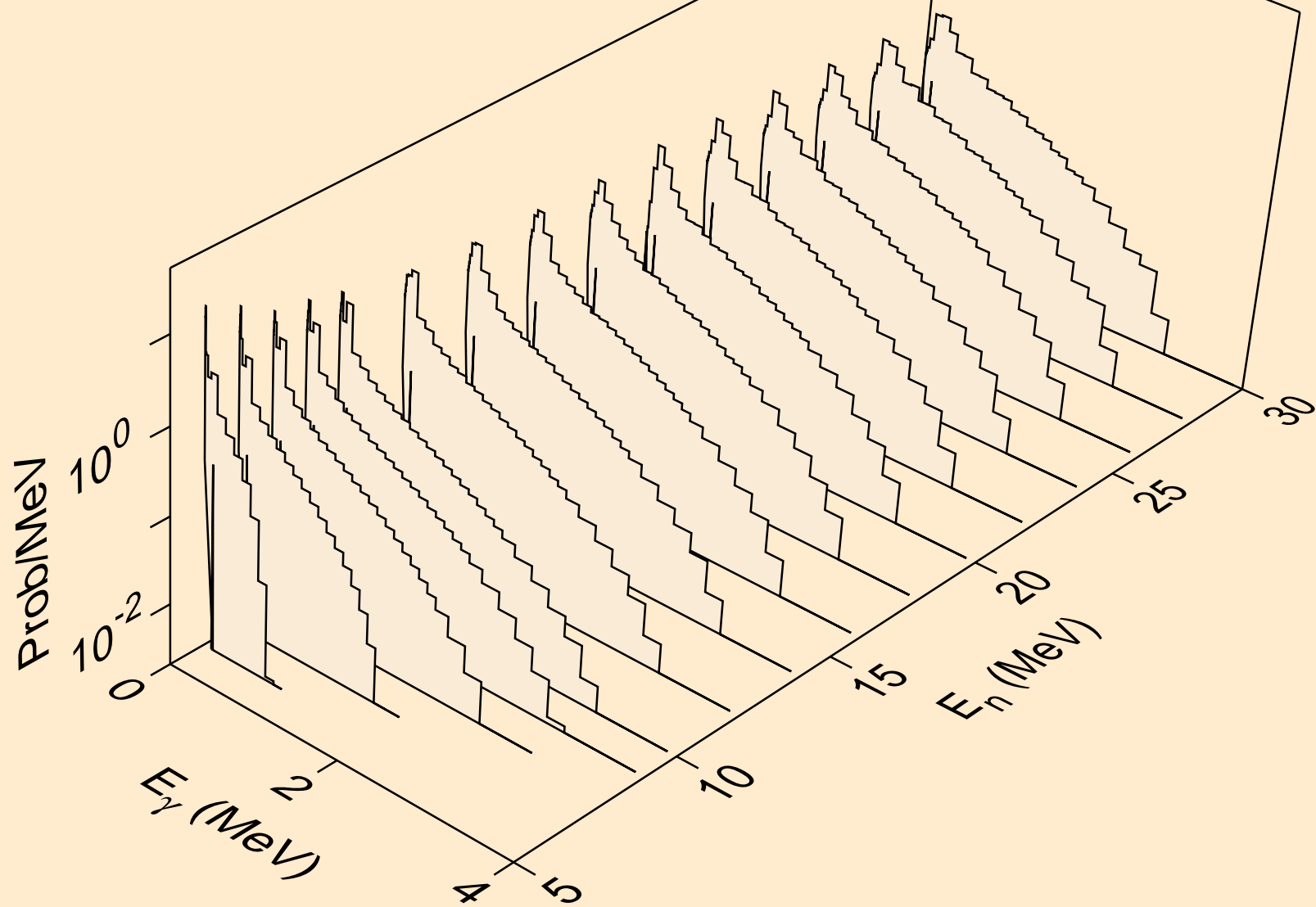
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Proton emission for (p,pa)



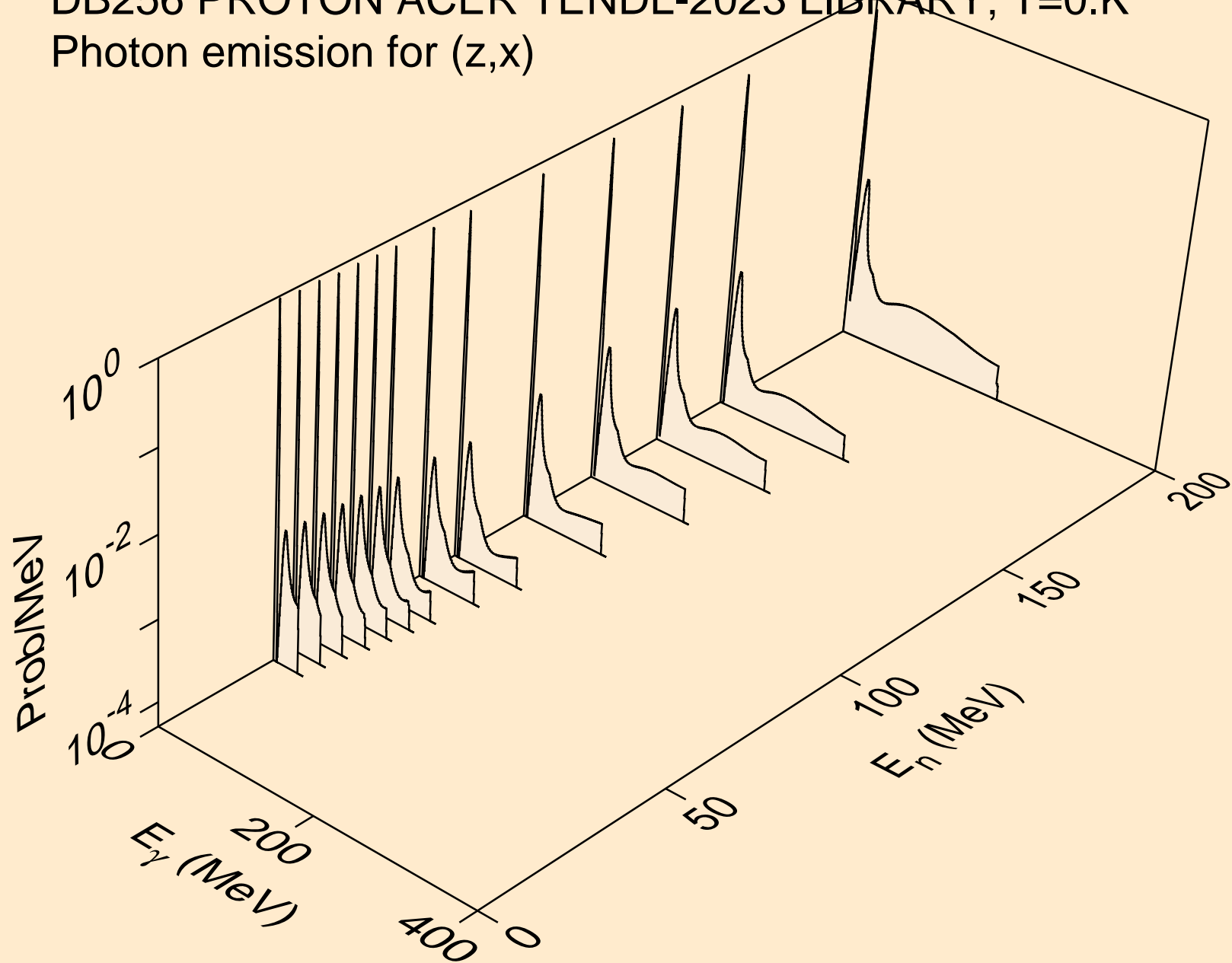
DB256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pd)



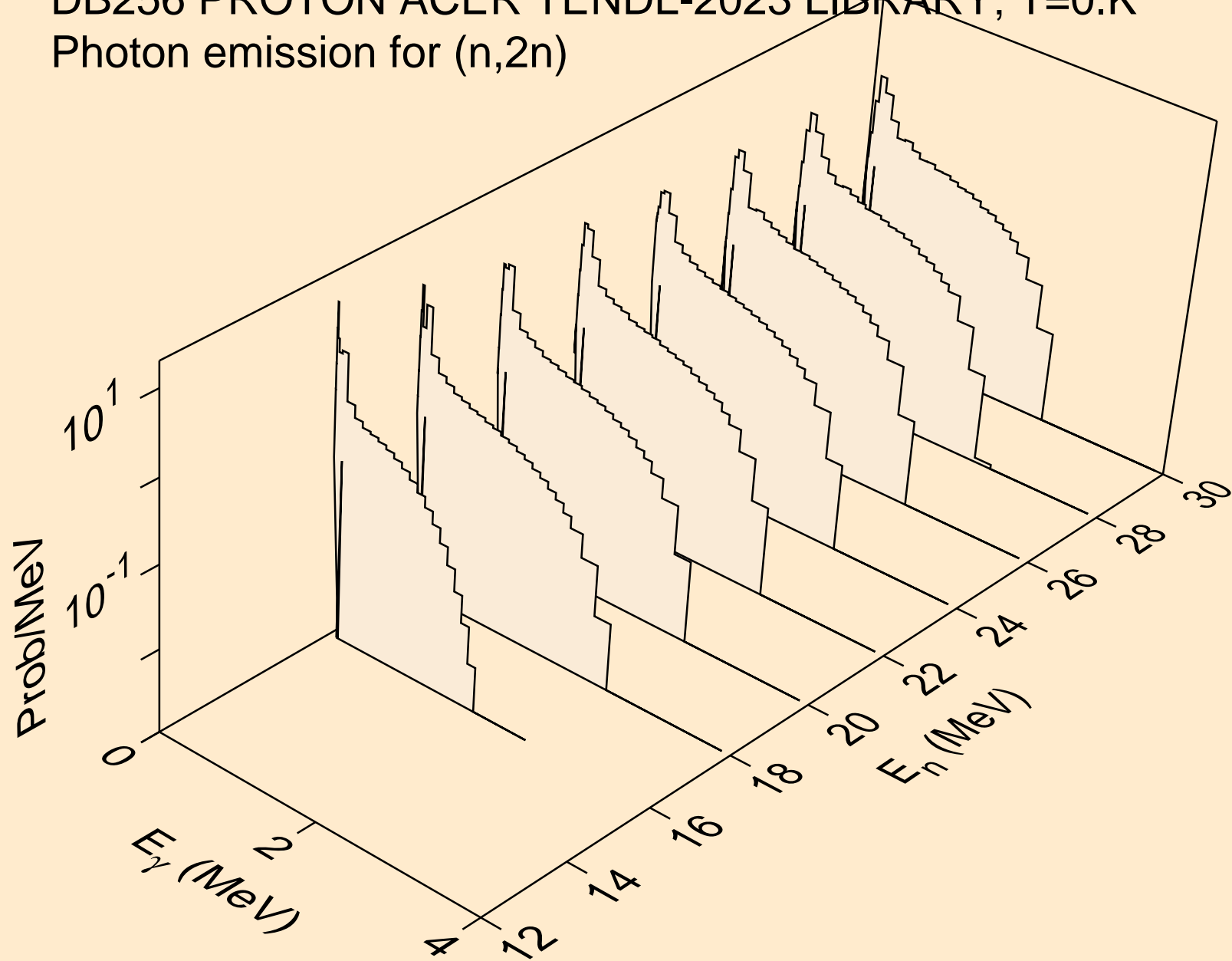
DB256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



DB256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)

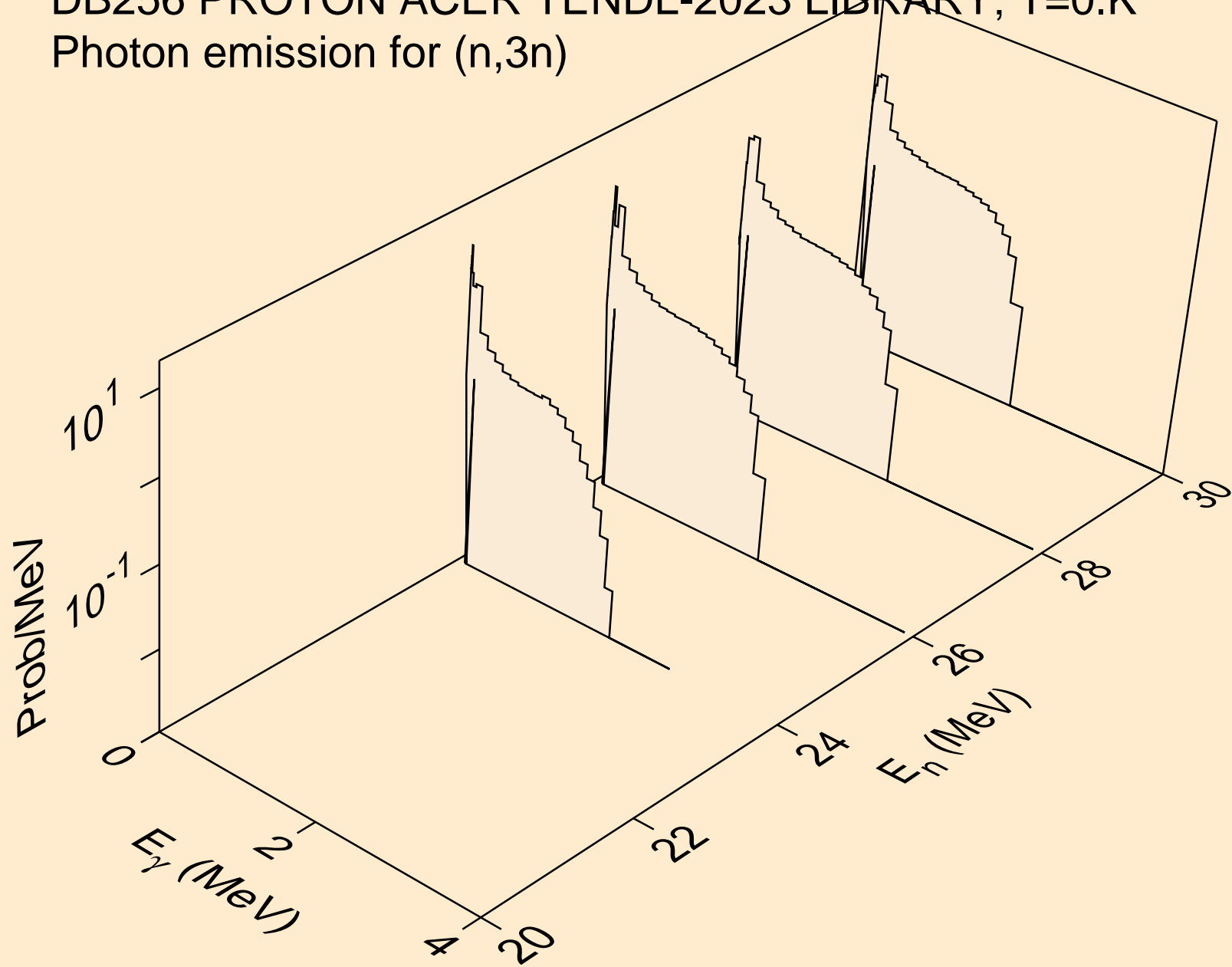


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Photon emission for (n,2n)

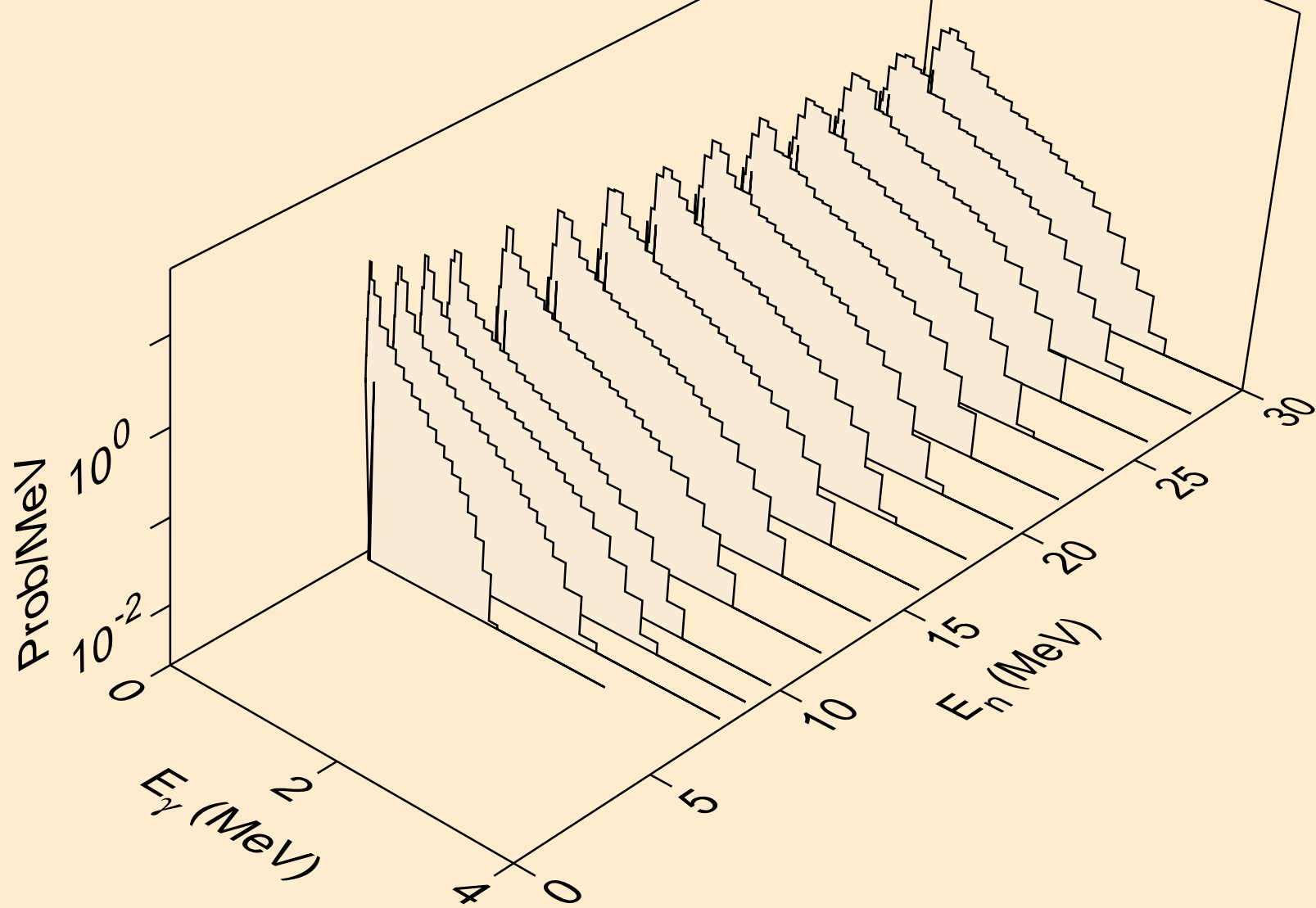




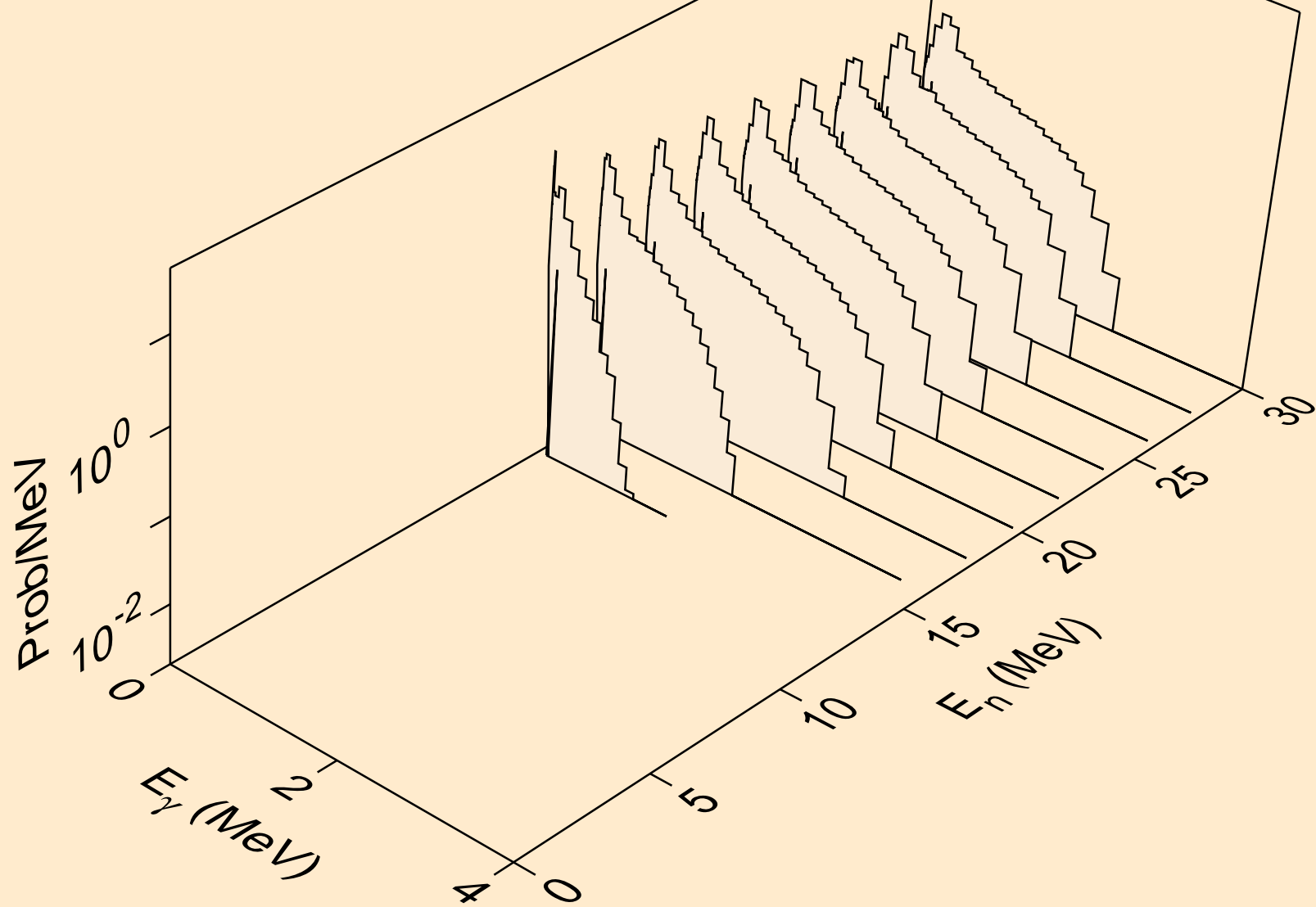
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Photon emission for (n,3n)



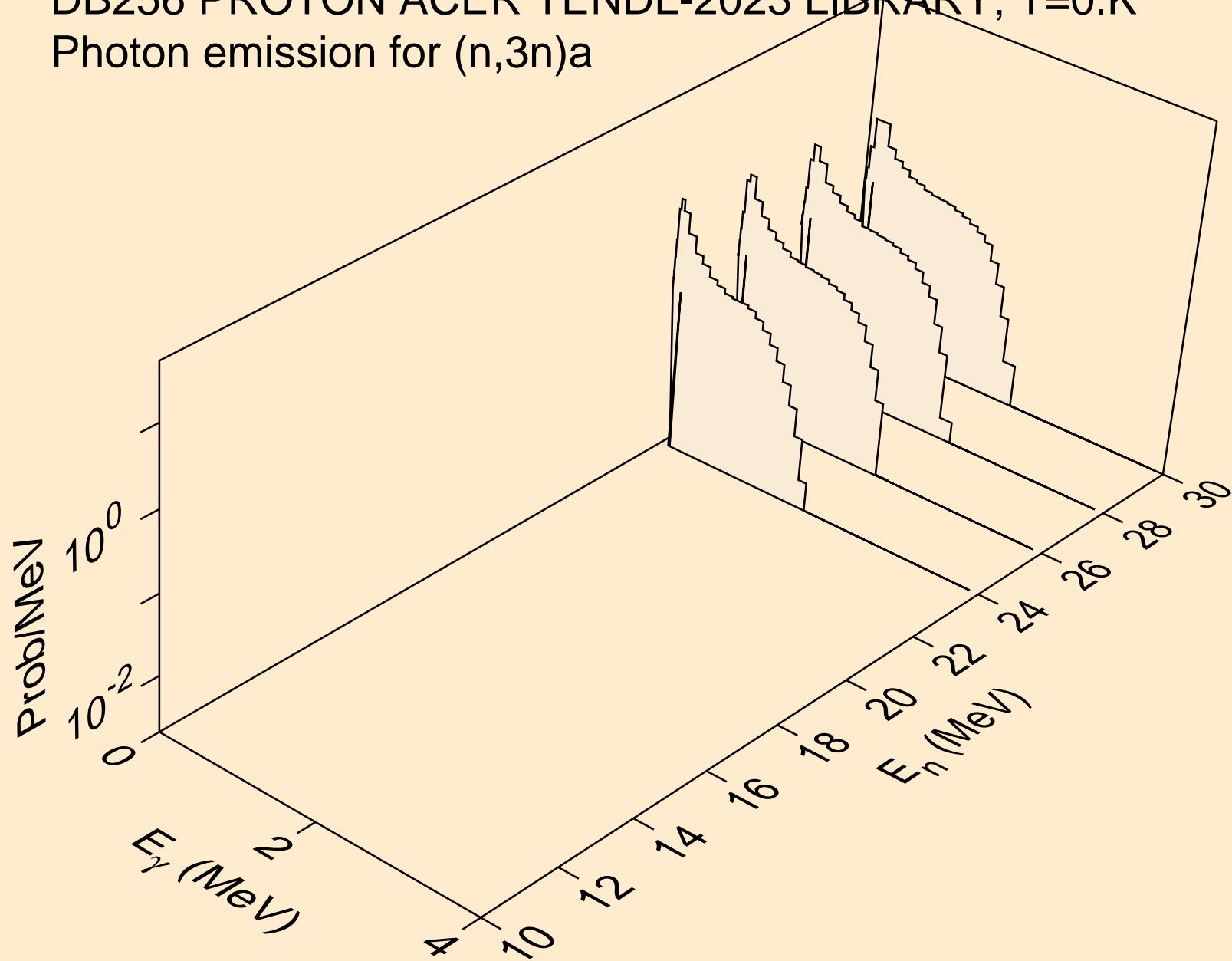
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Photon emission for (n,n\*)a



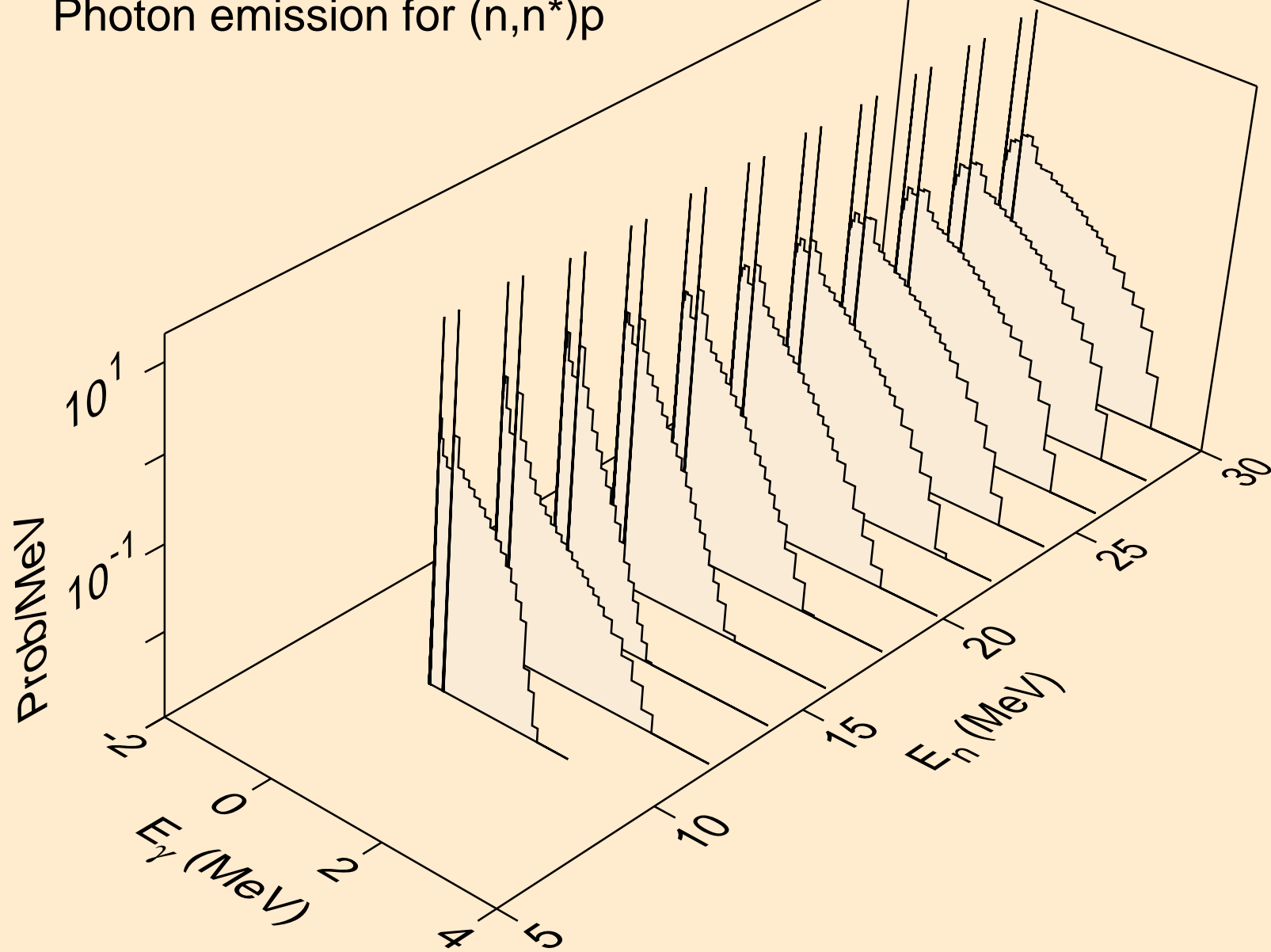
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Photon emission for (n,2n)a



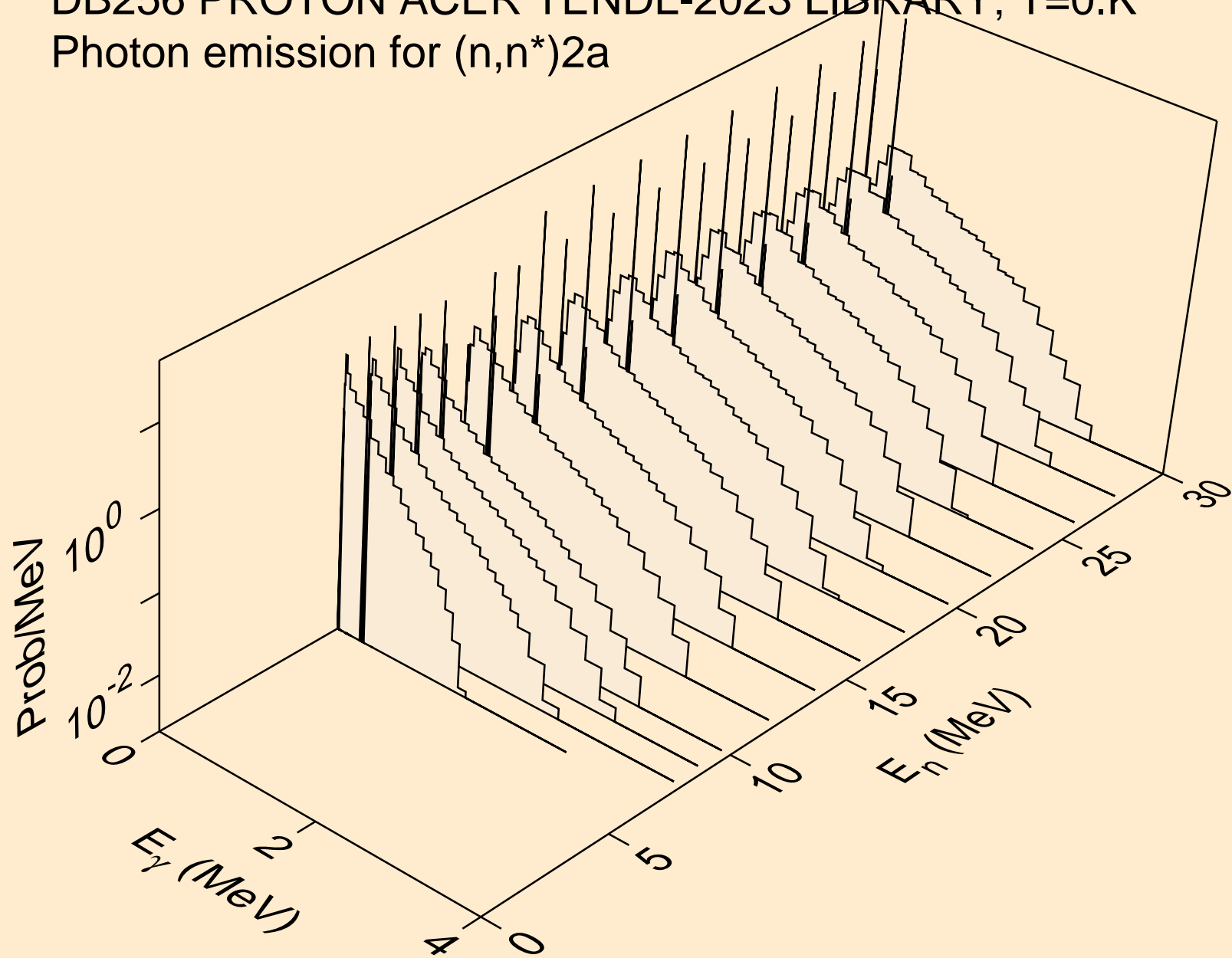
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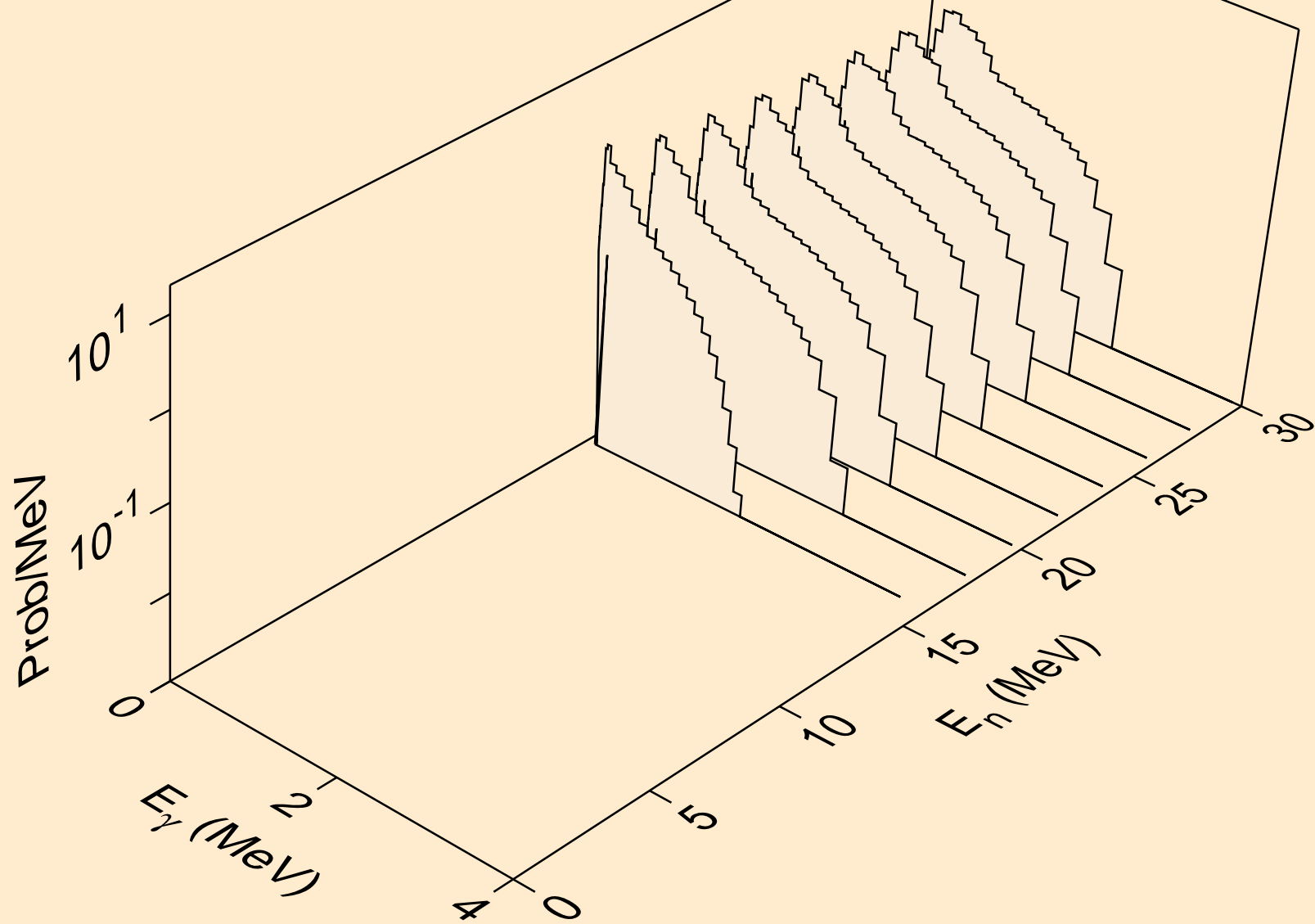
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Photon emission for (n,n\*)p



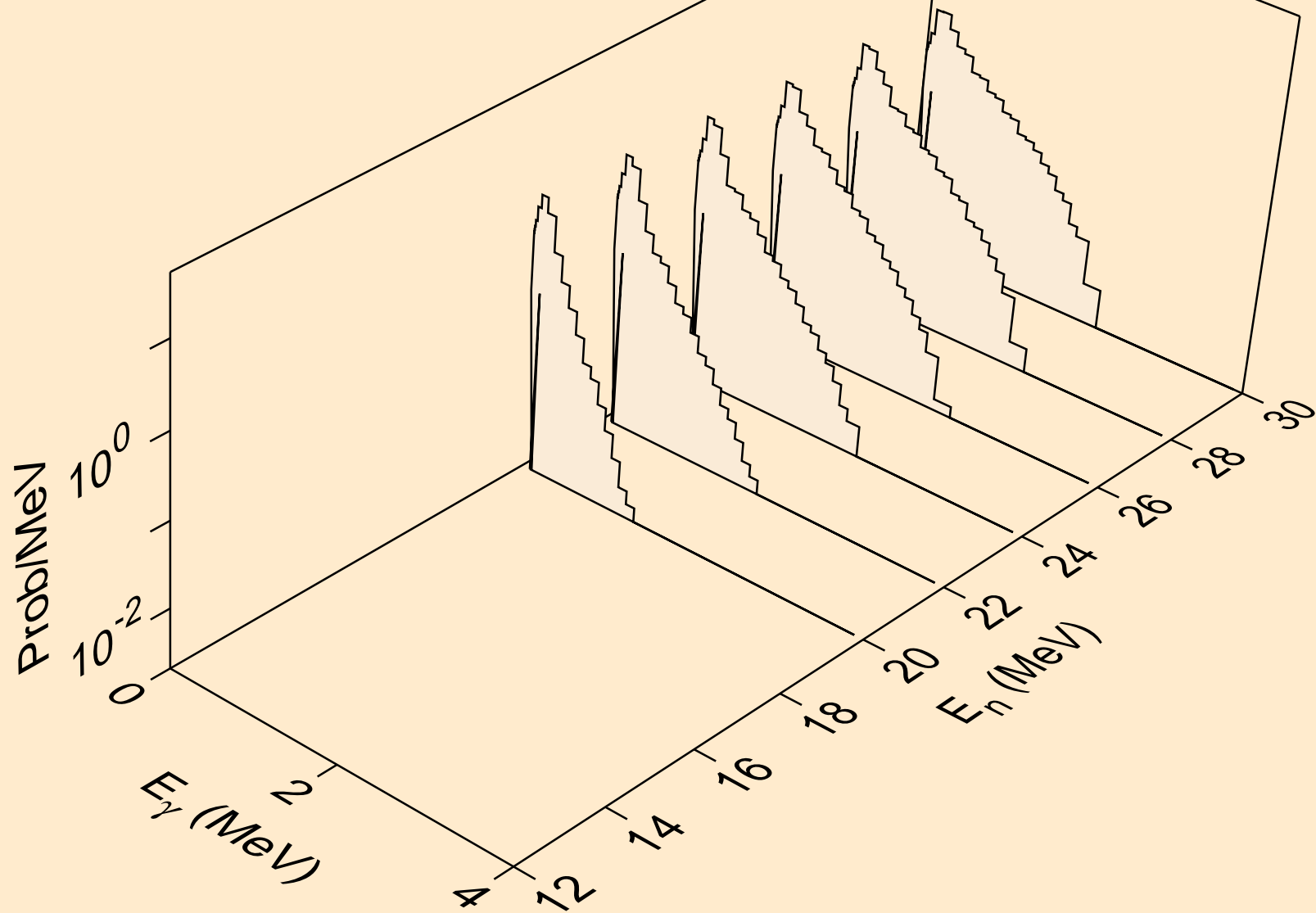
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Photon emission for (n,n\*)2a



DB256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)2a

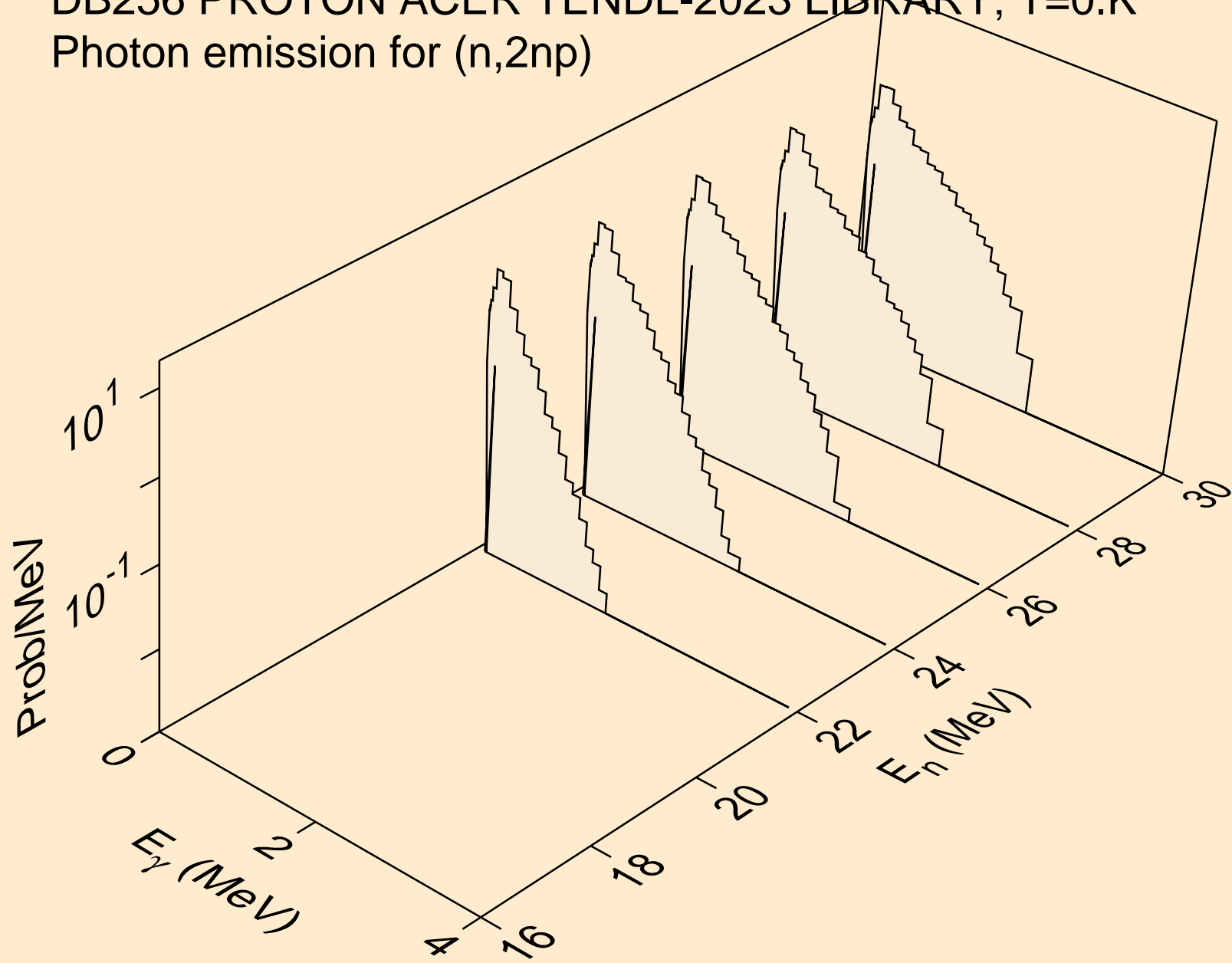


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Photon emission for (n,n\*)d

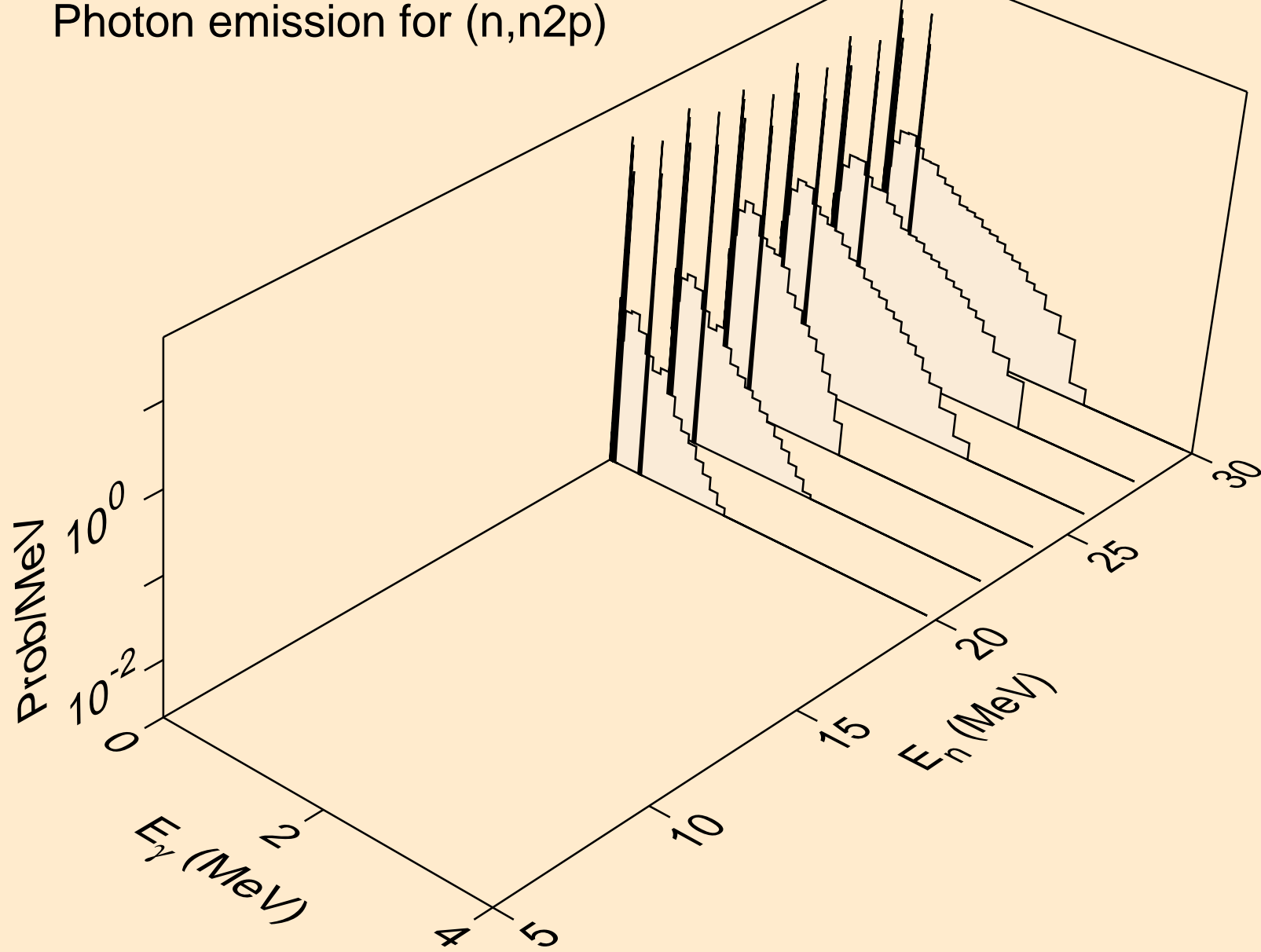




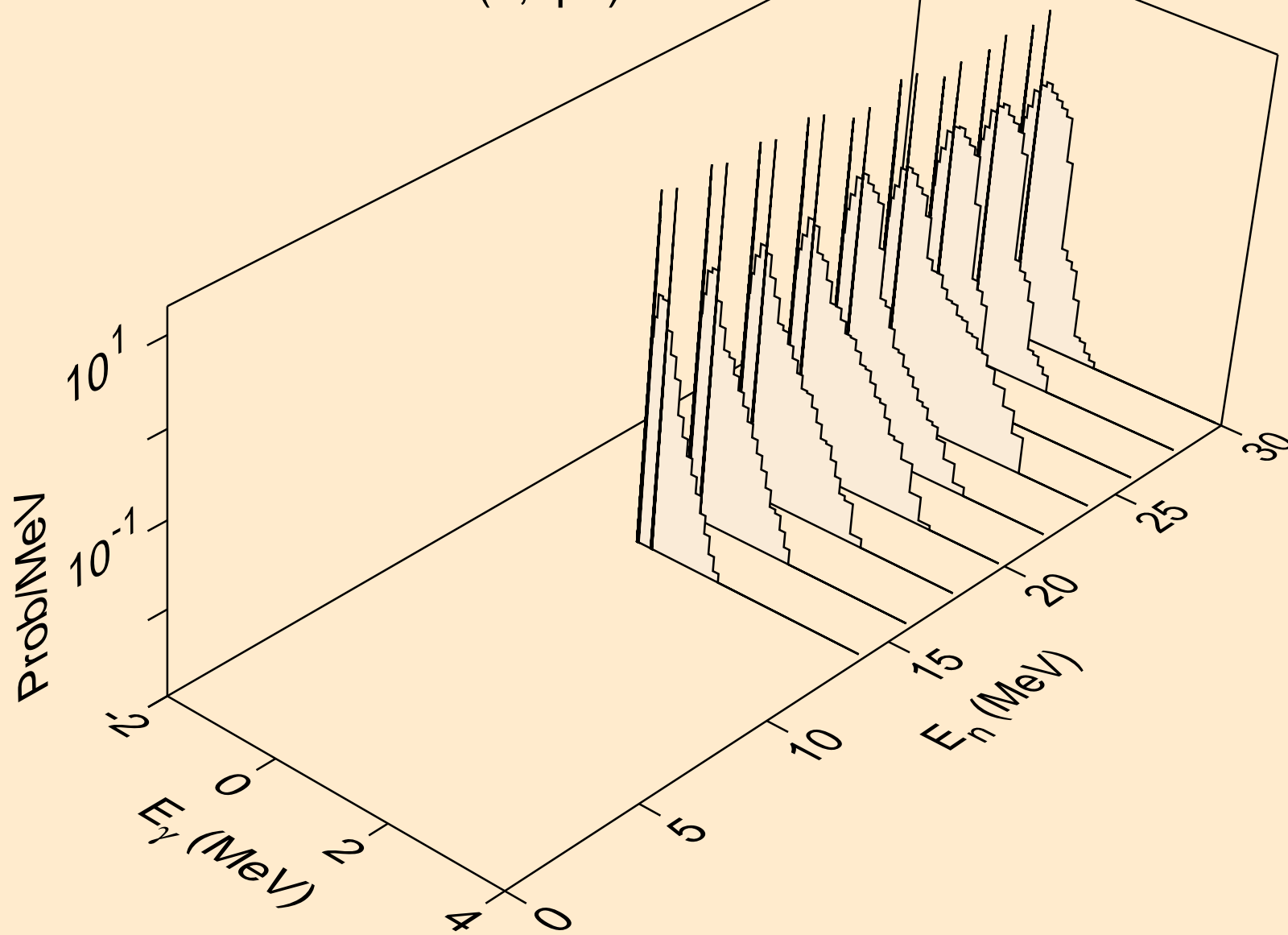
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Photon emission for (n,2np)



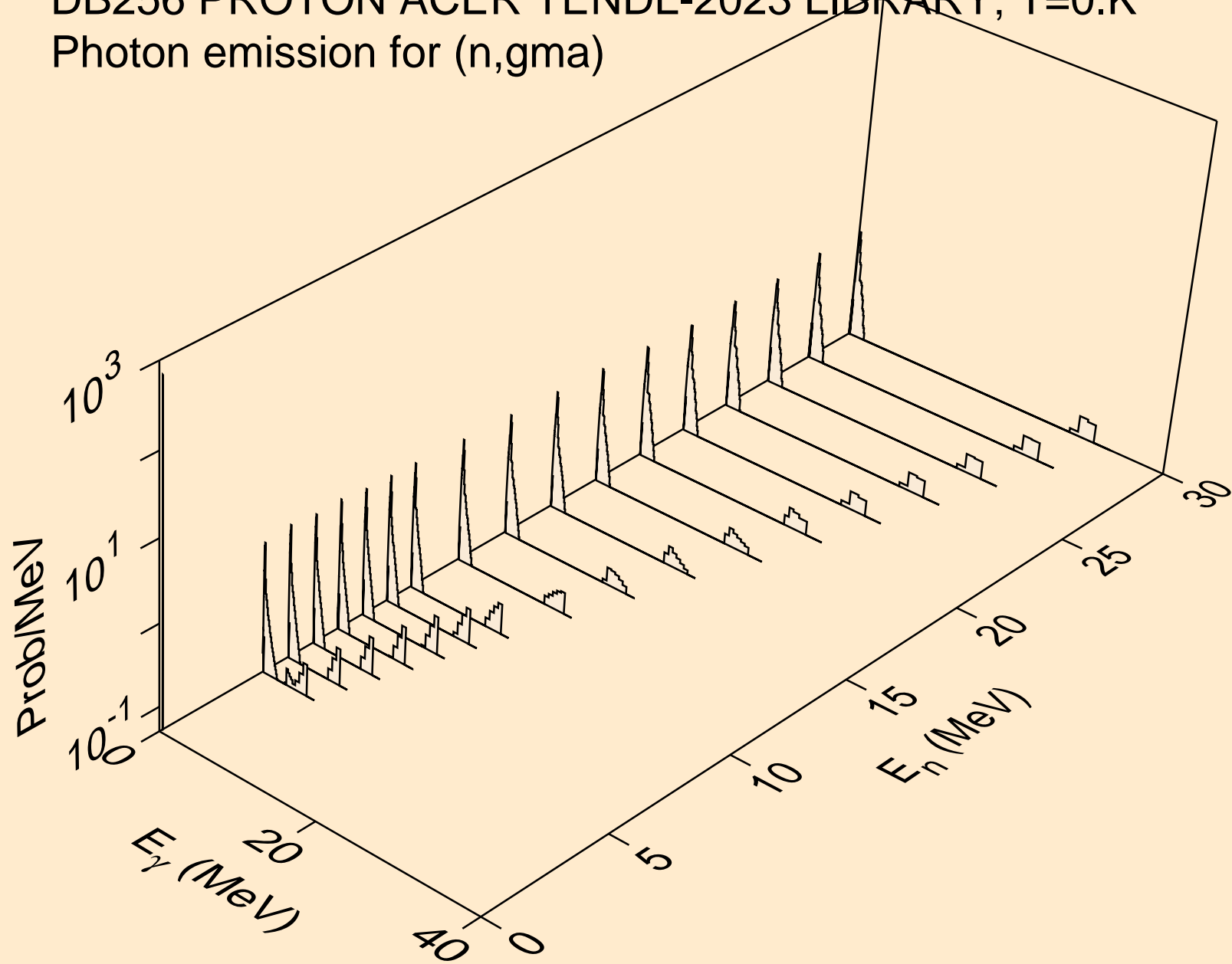
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Photon emission for (n,n2p)



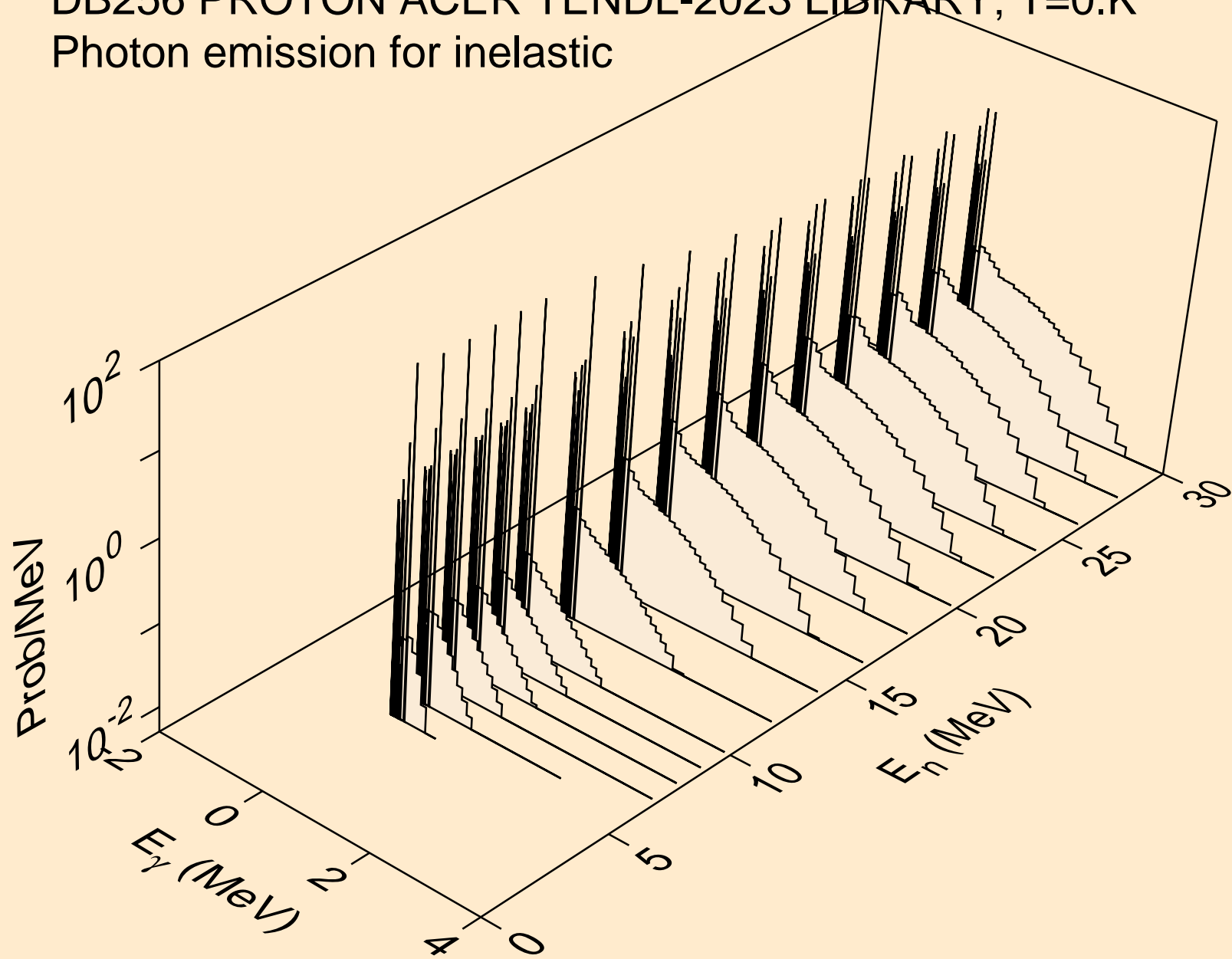
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Photon emission for (n,npa)



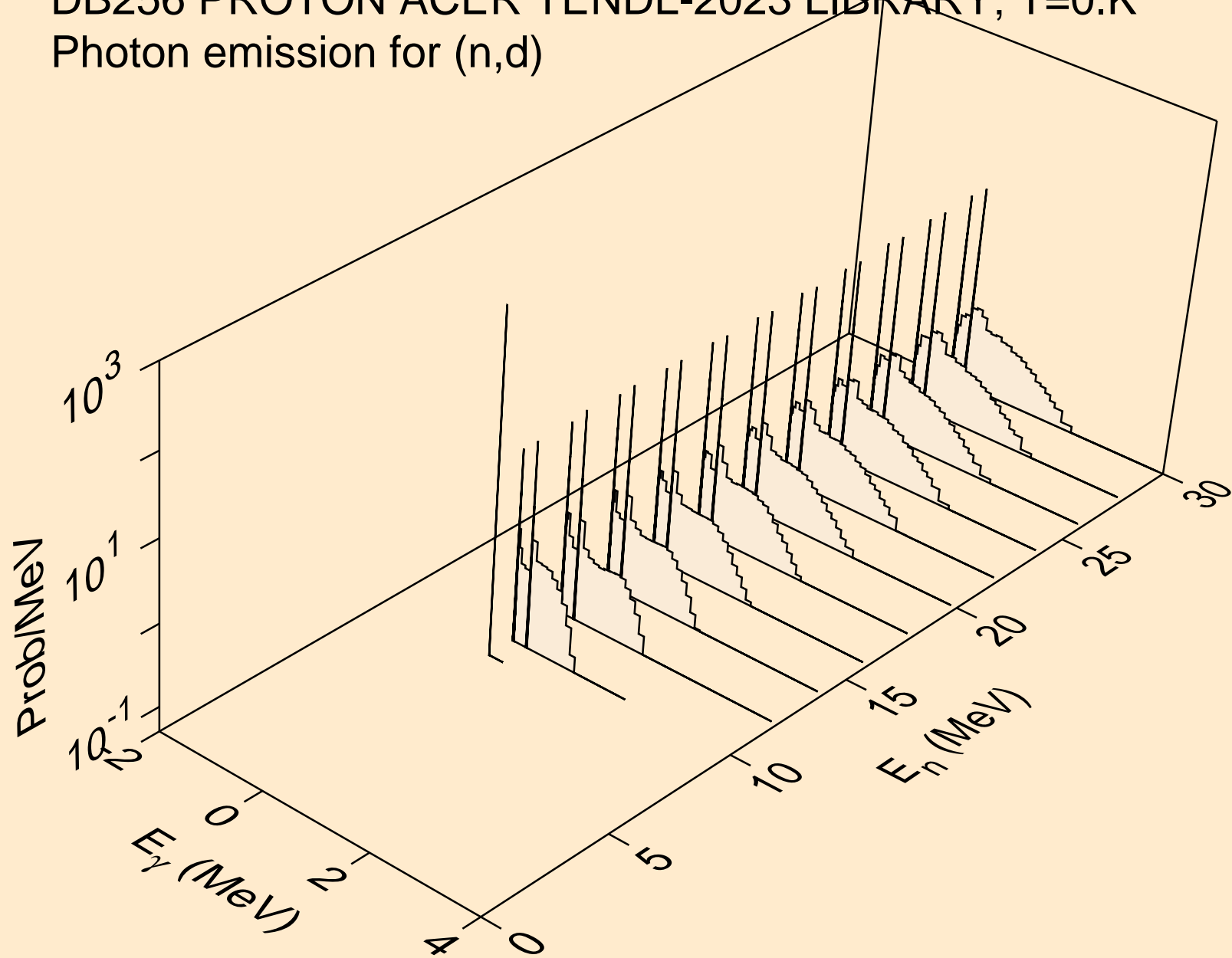
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Photon emission for (n,gma)



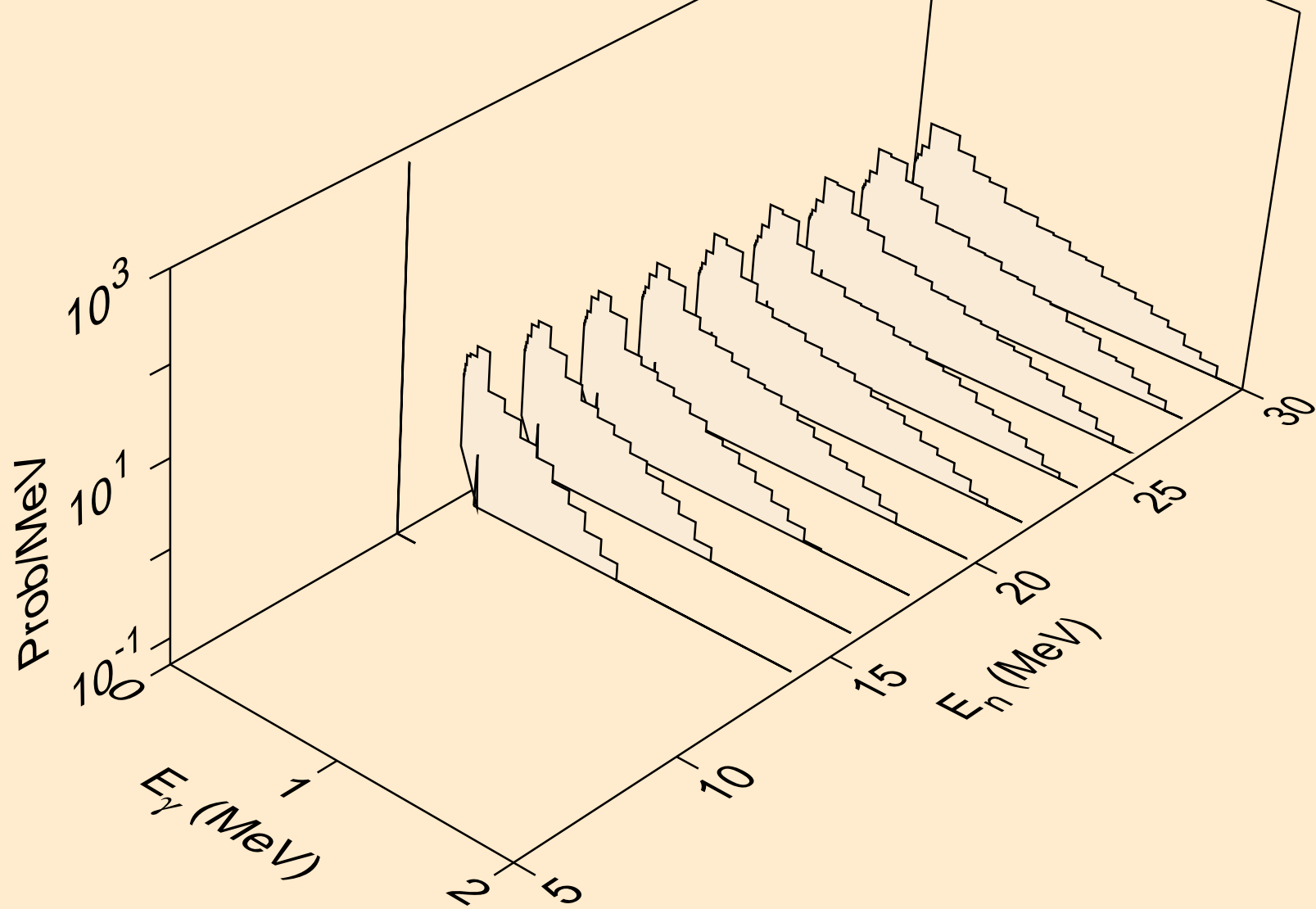
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Photon emission for inelastic



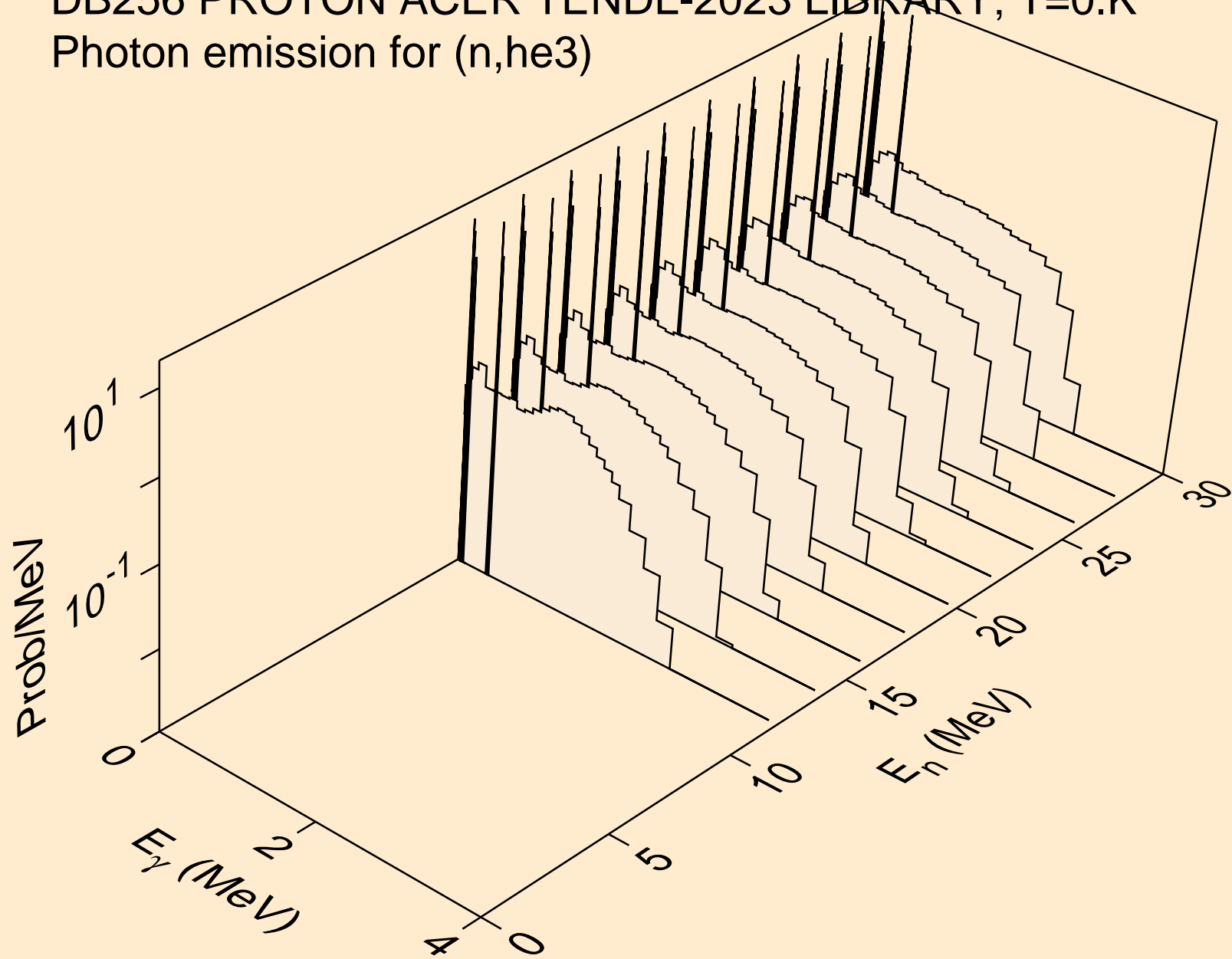
DB256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



DB256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)

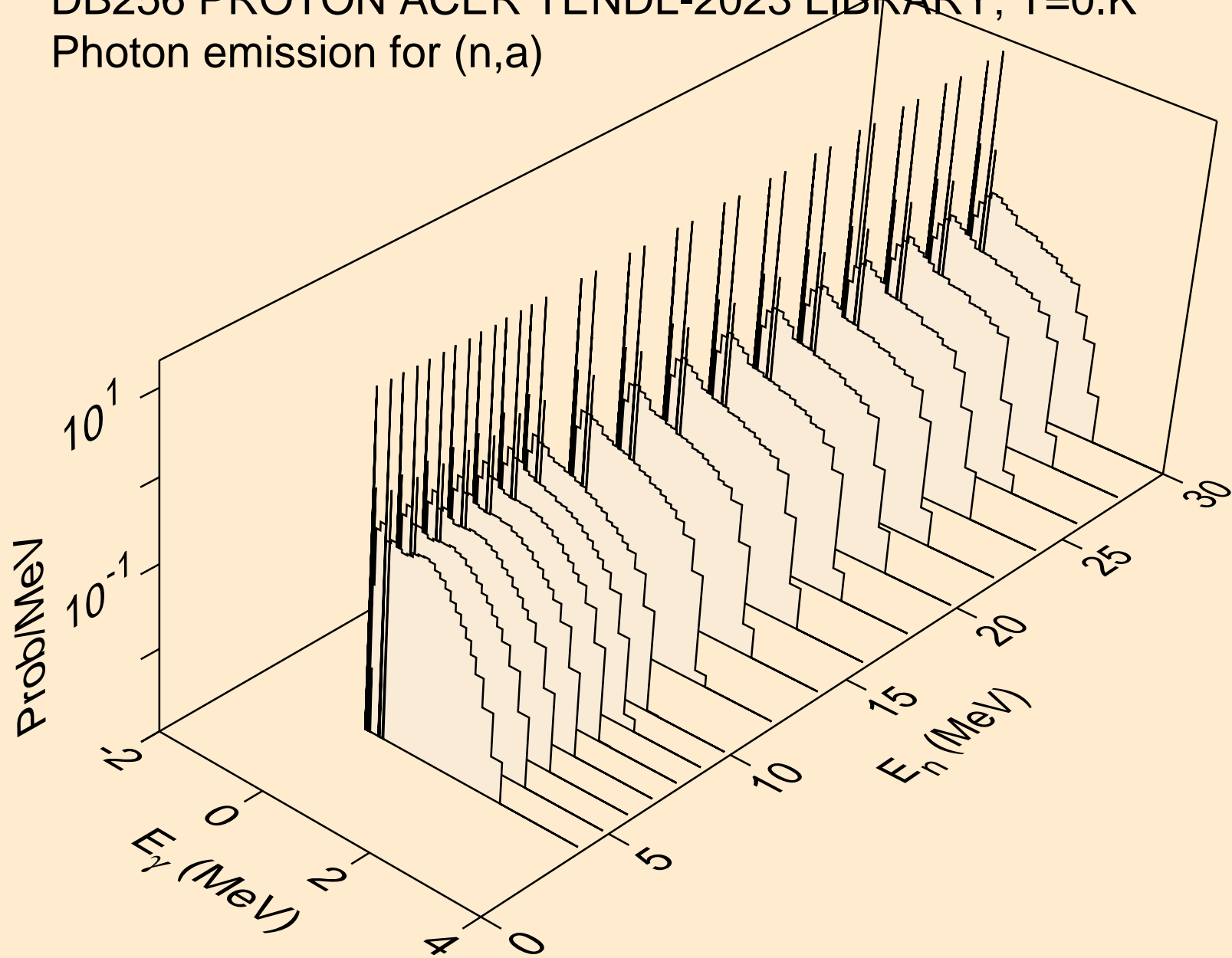


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Photon emission for (n,he3)

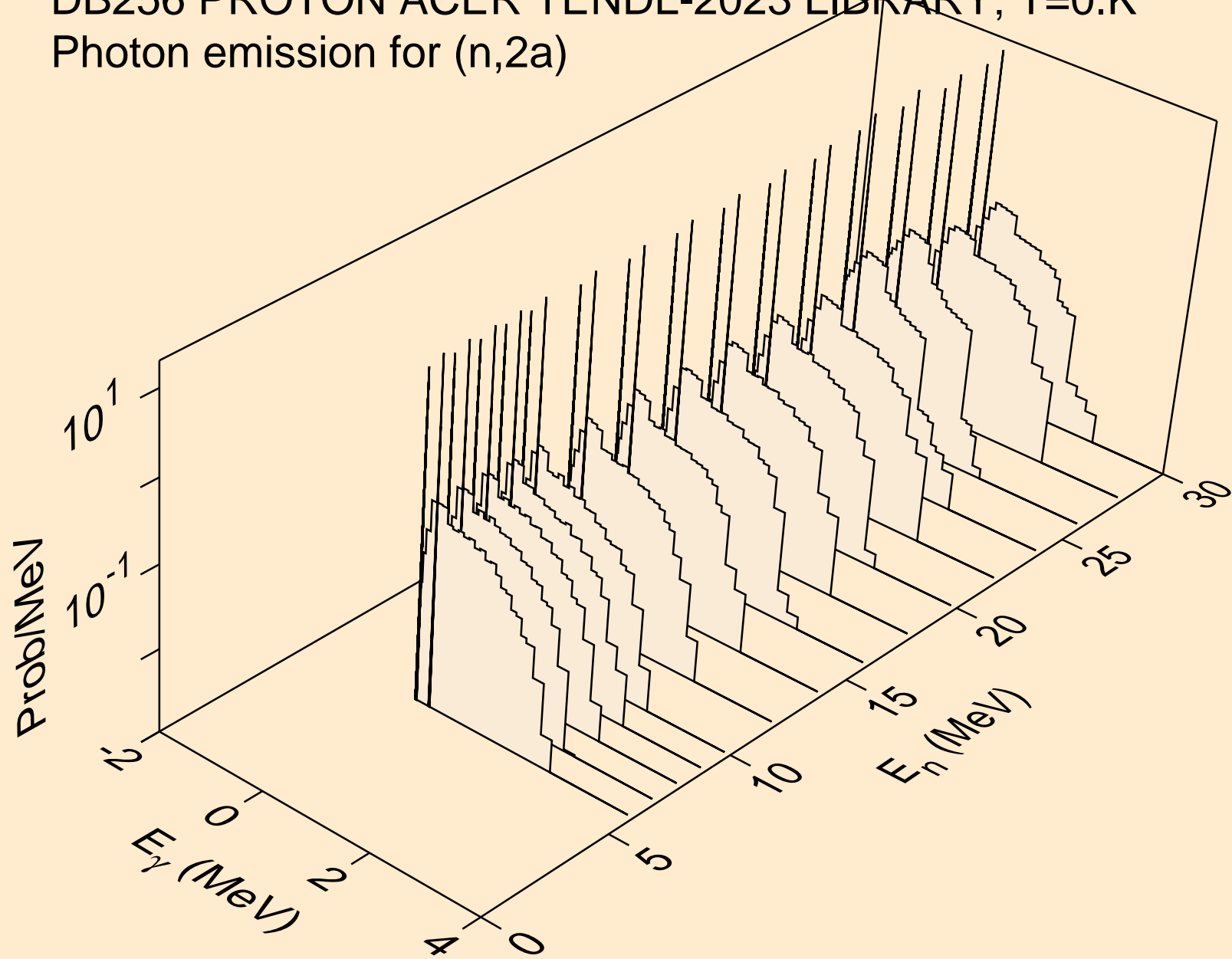




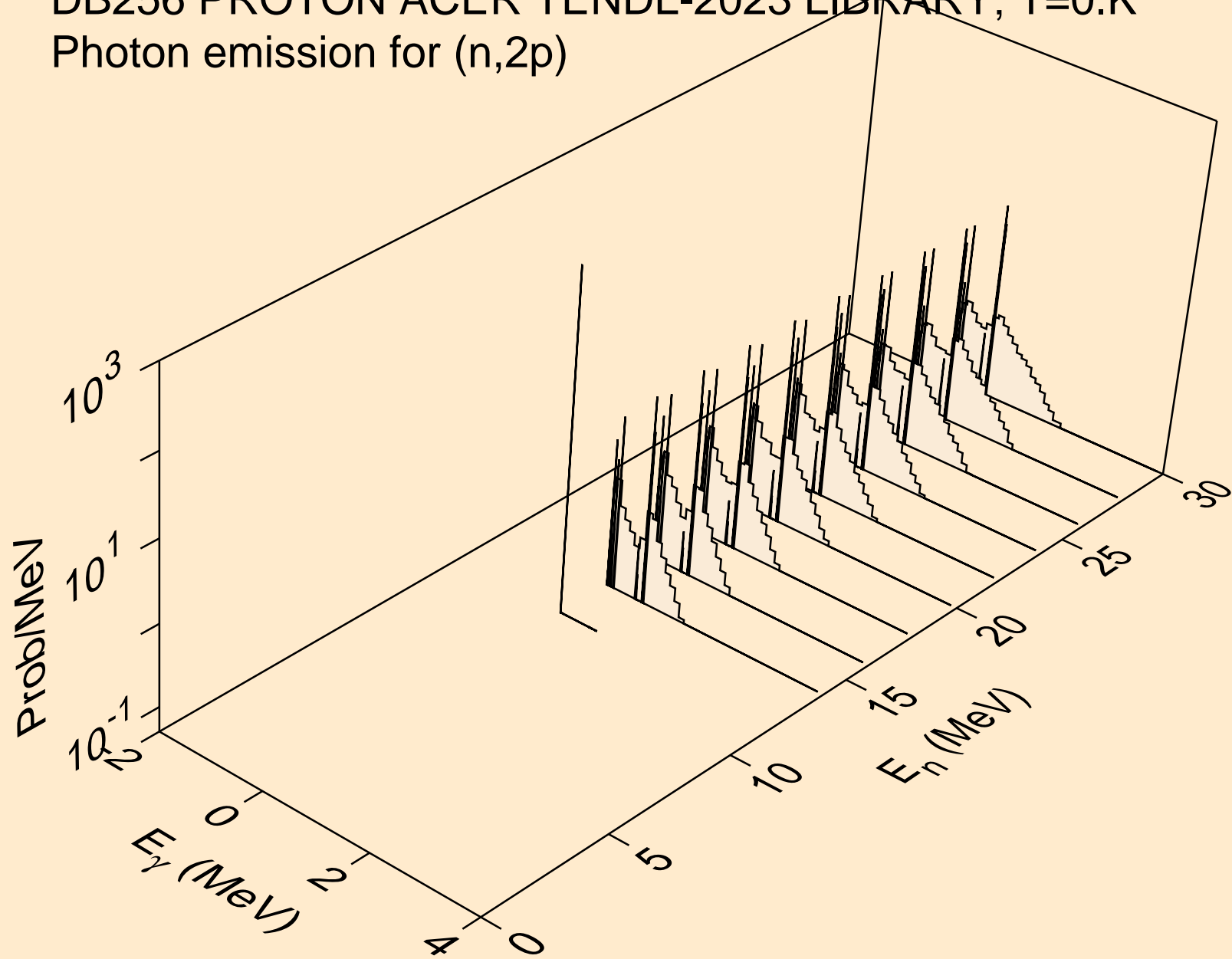
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Photon emission for (n,a)



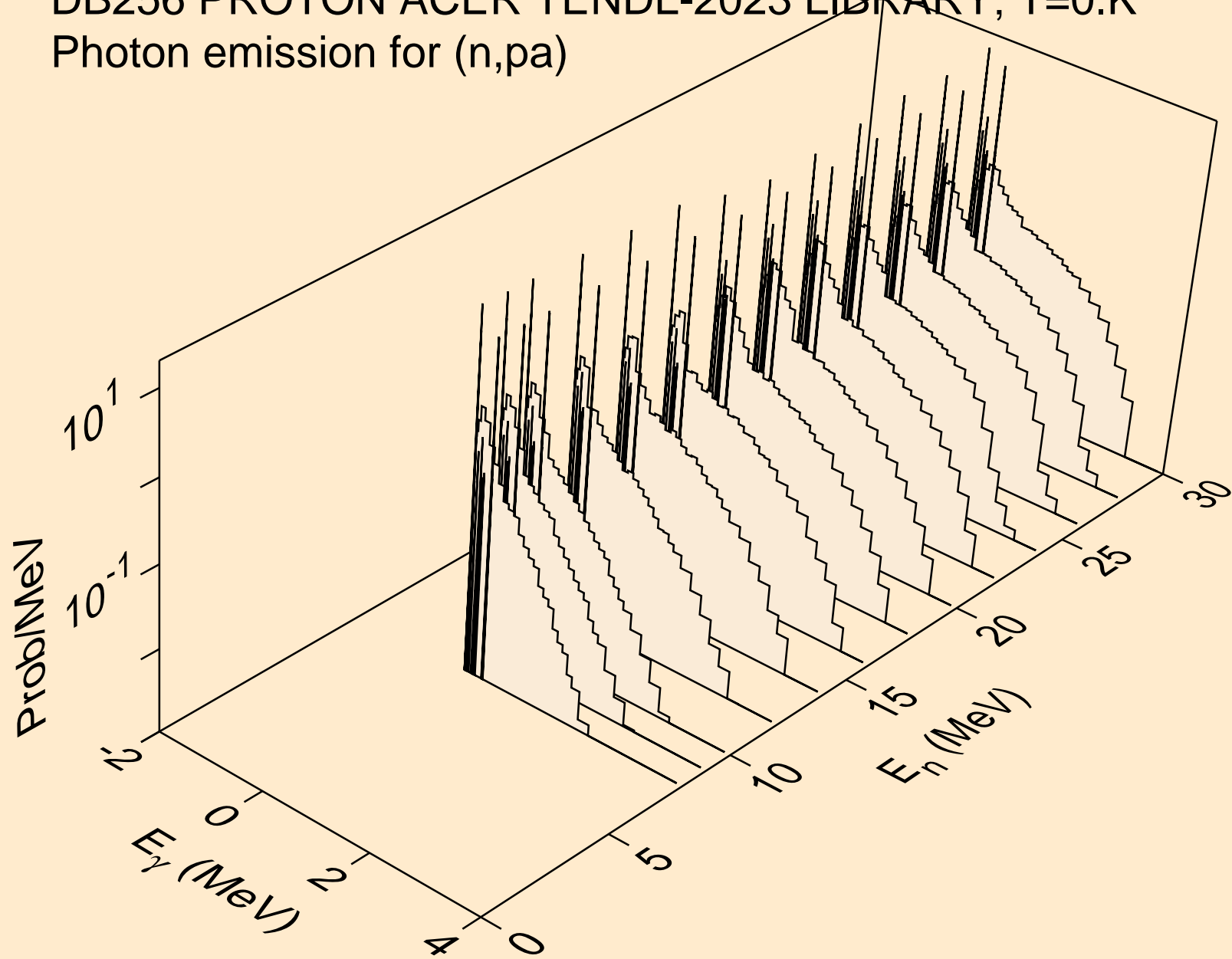
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Photon emission for (n,2a)



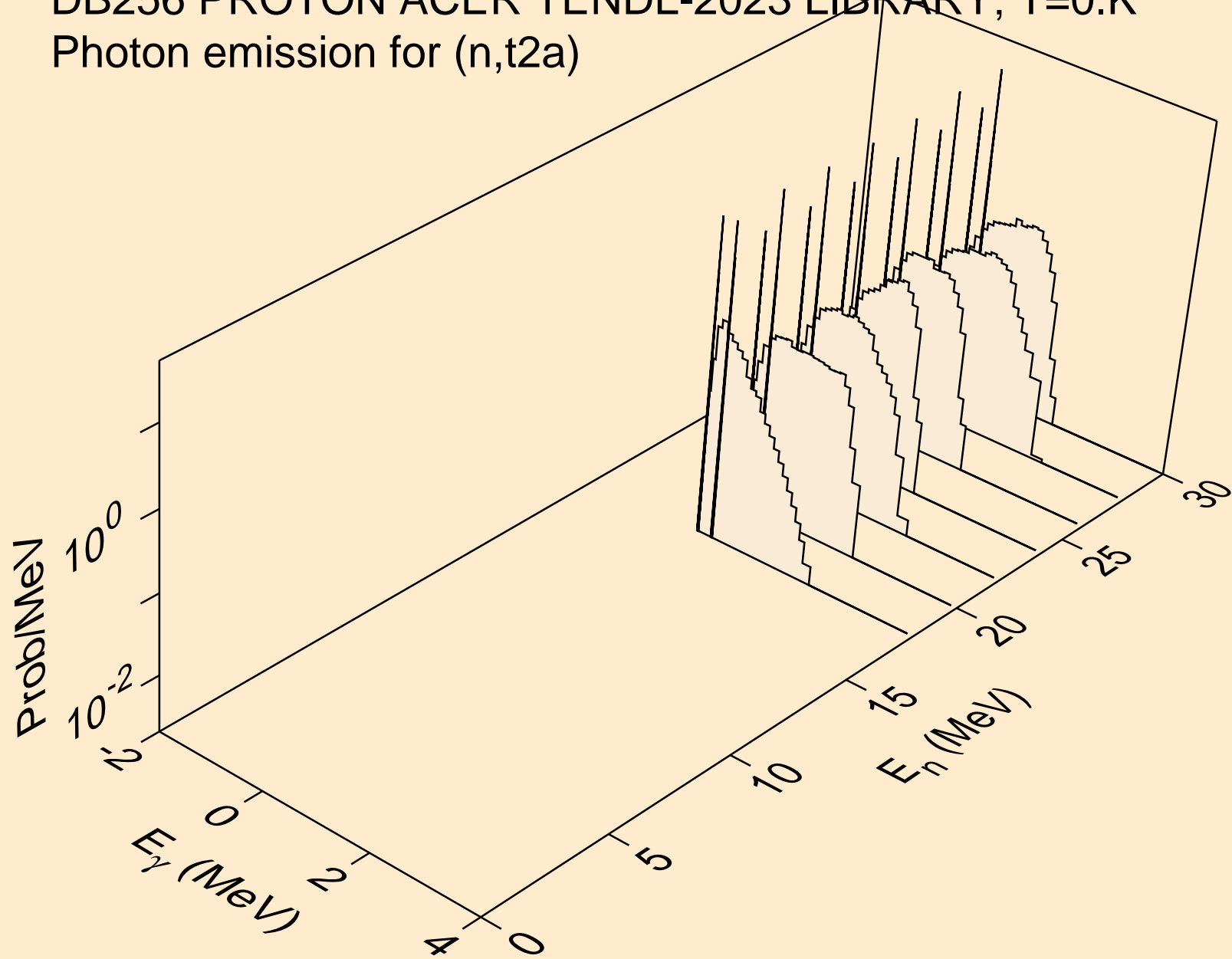
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Photon emission for (n,2p)



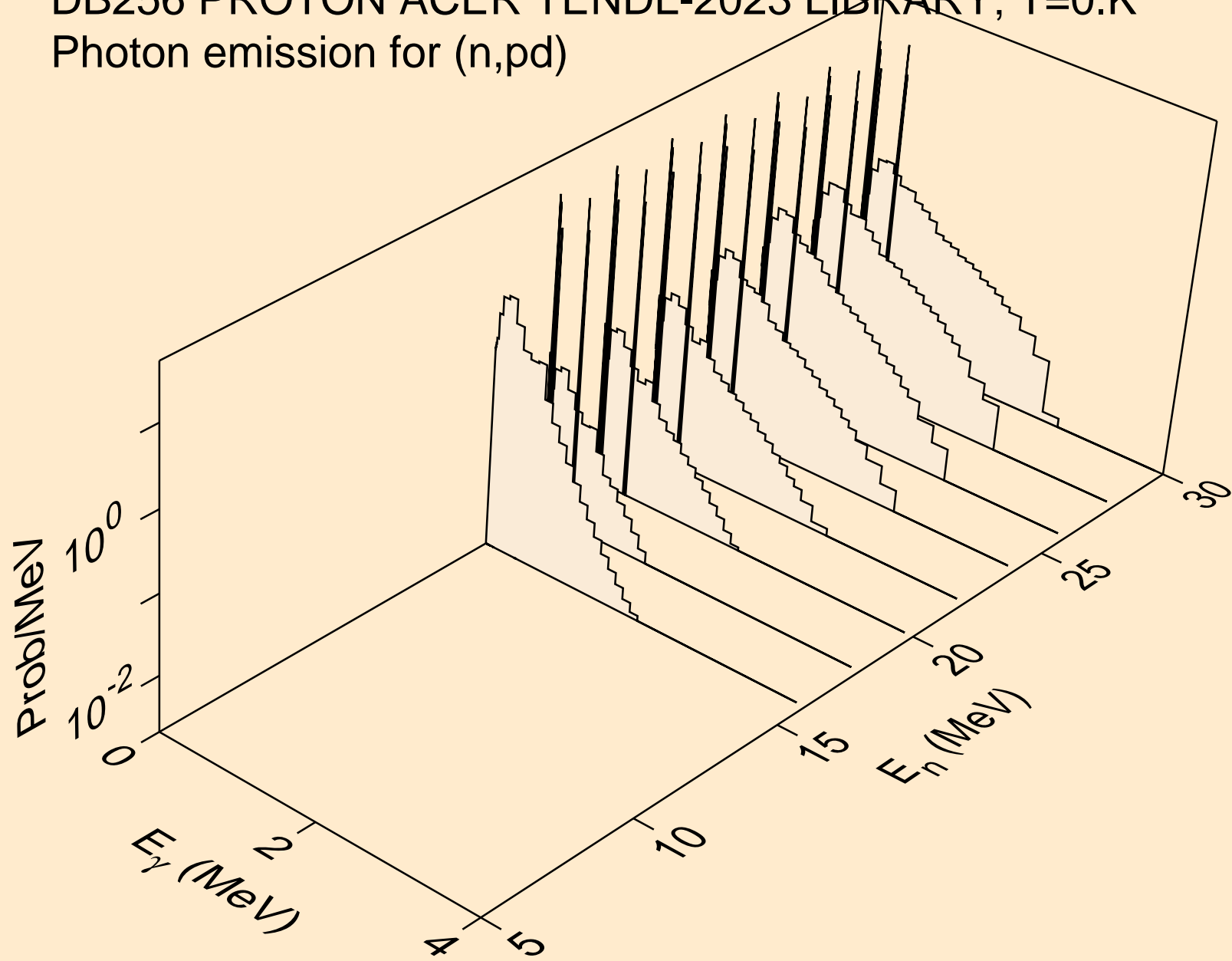
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Photon emission for (n,p)



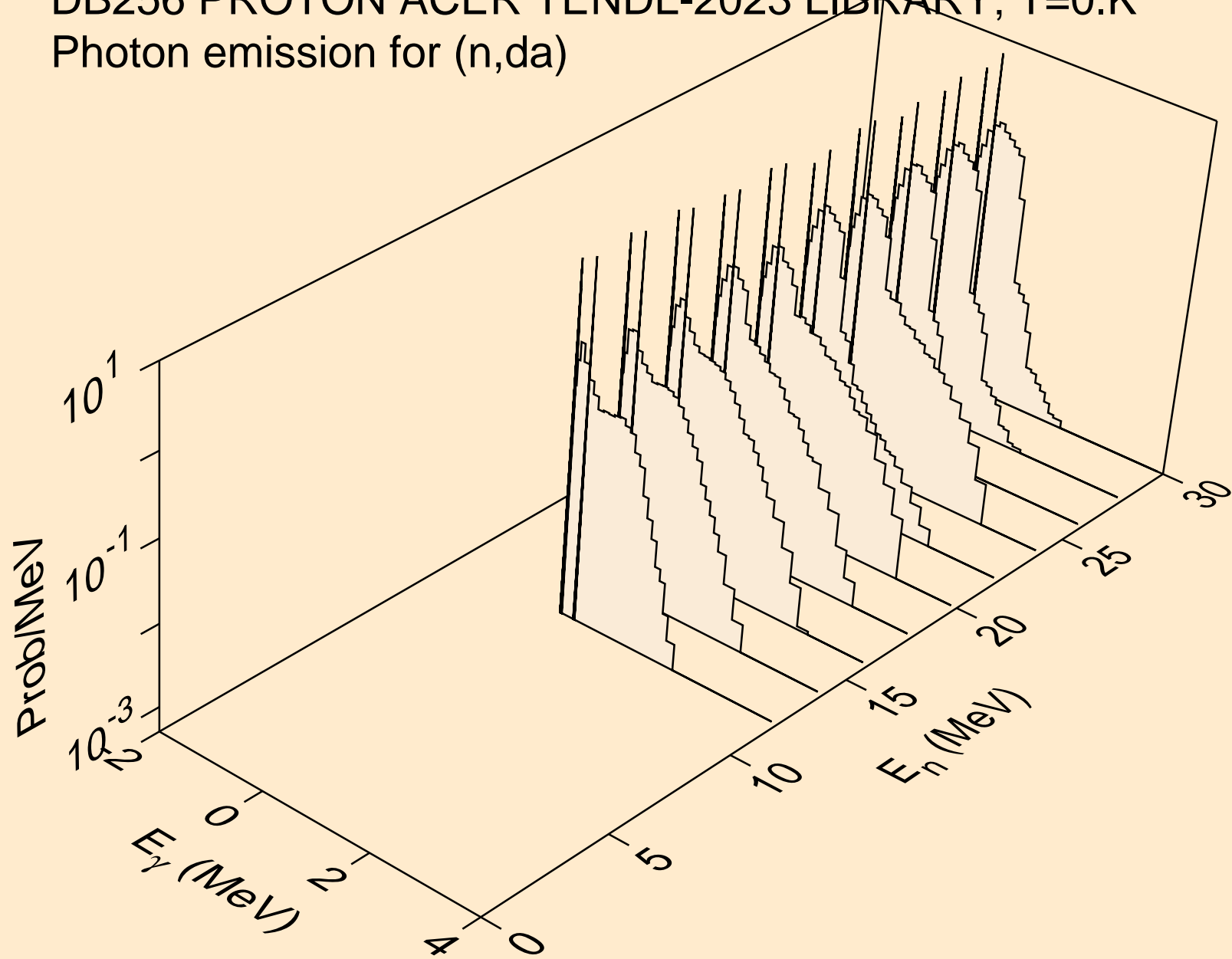
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Photon emission for (n,t2a)



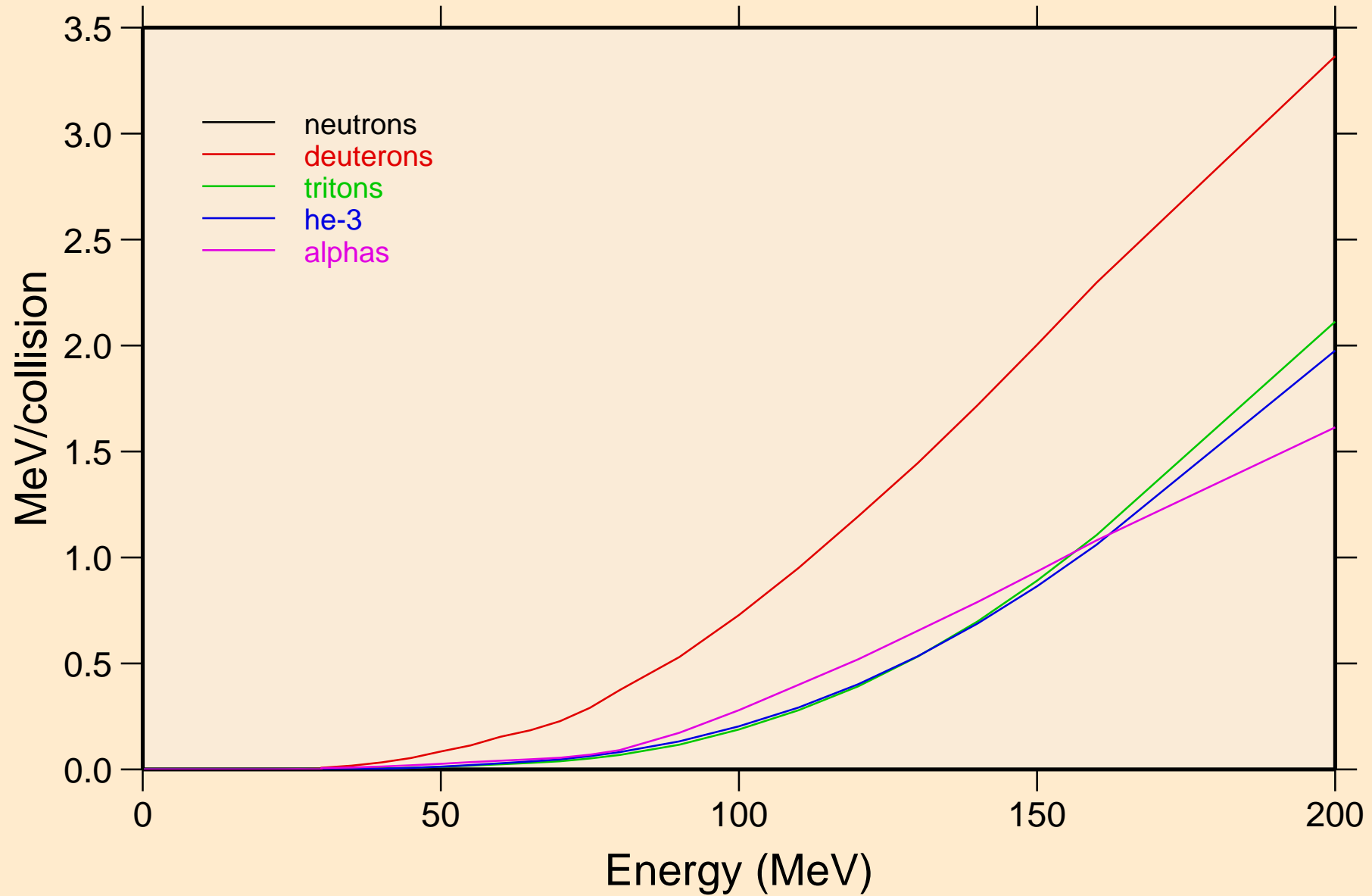
DB256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



DB256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)

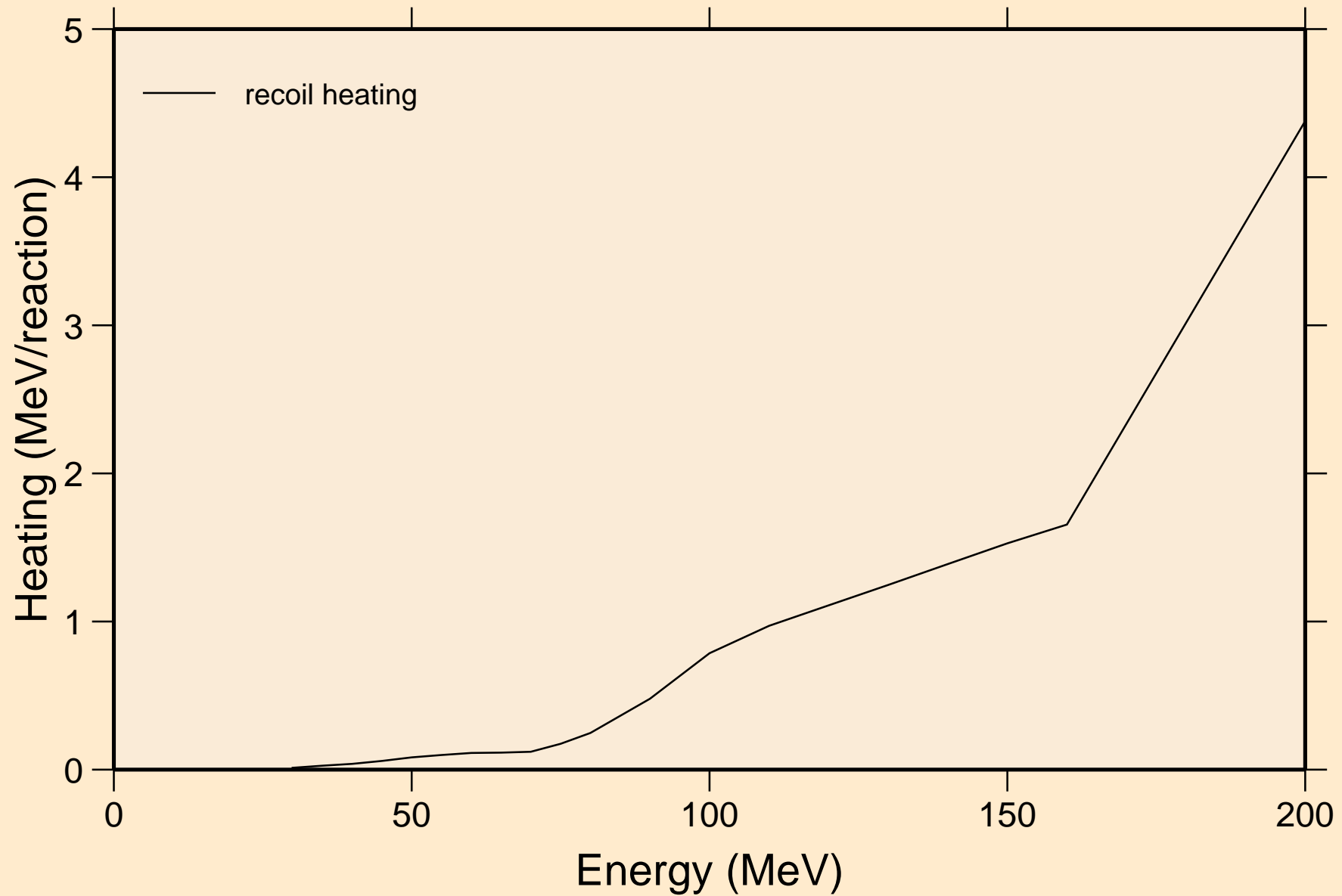


DB256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions

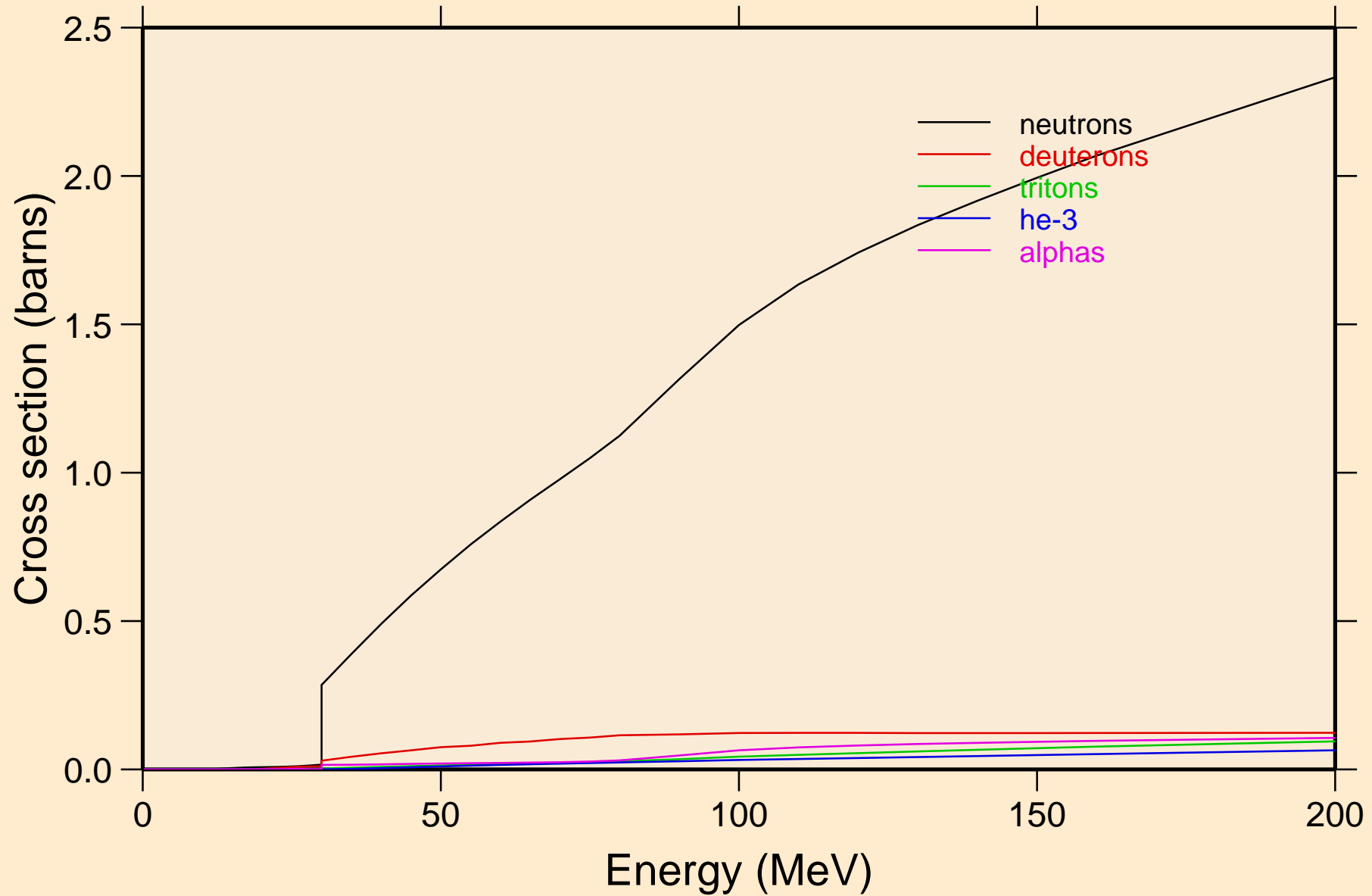




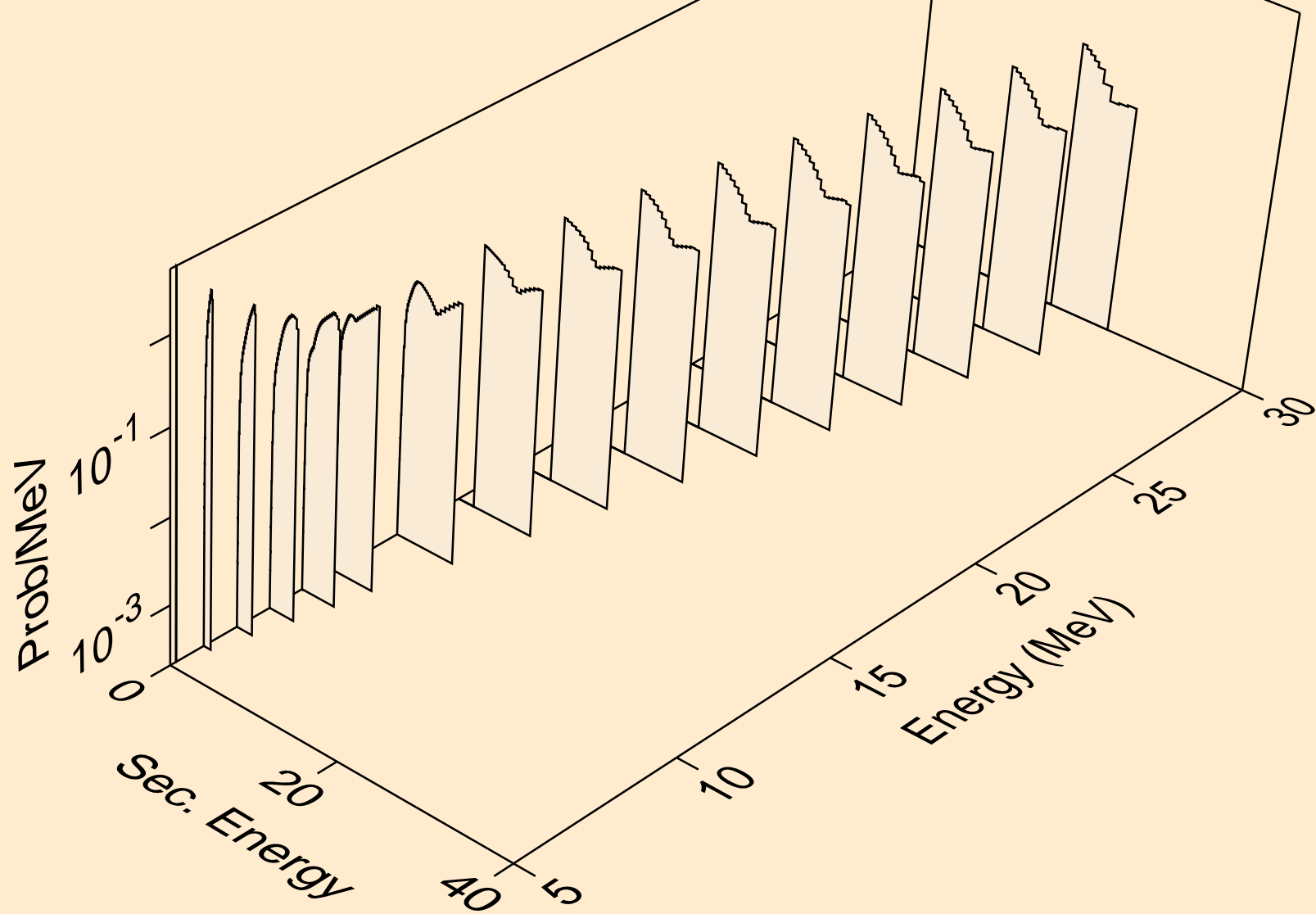
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Recoil Heating



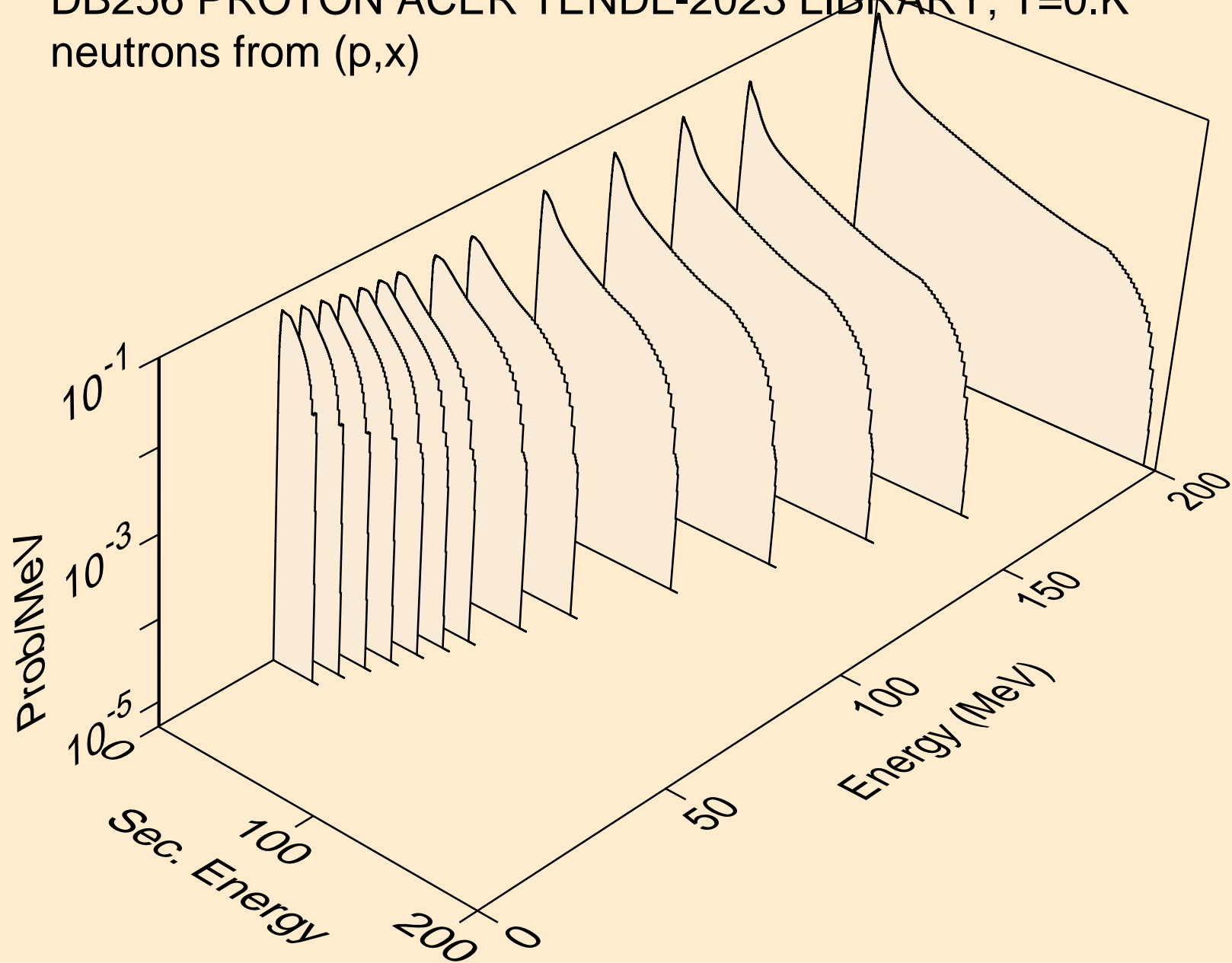
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Particle production cross sections



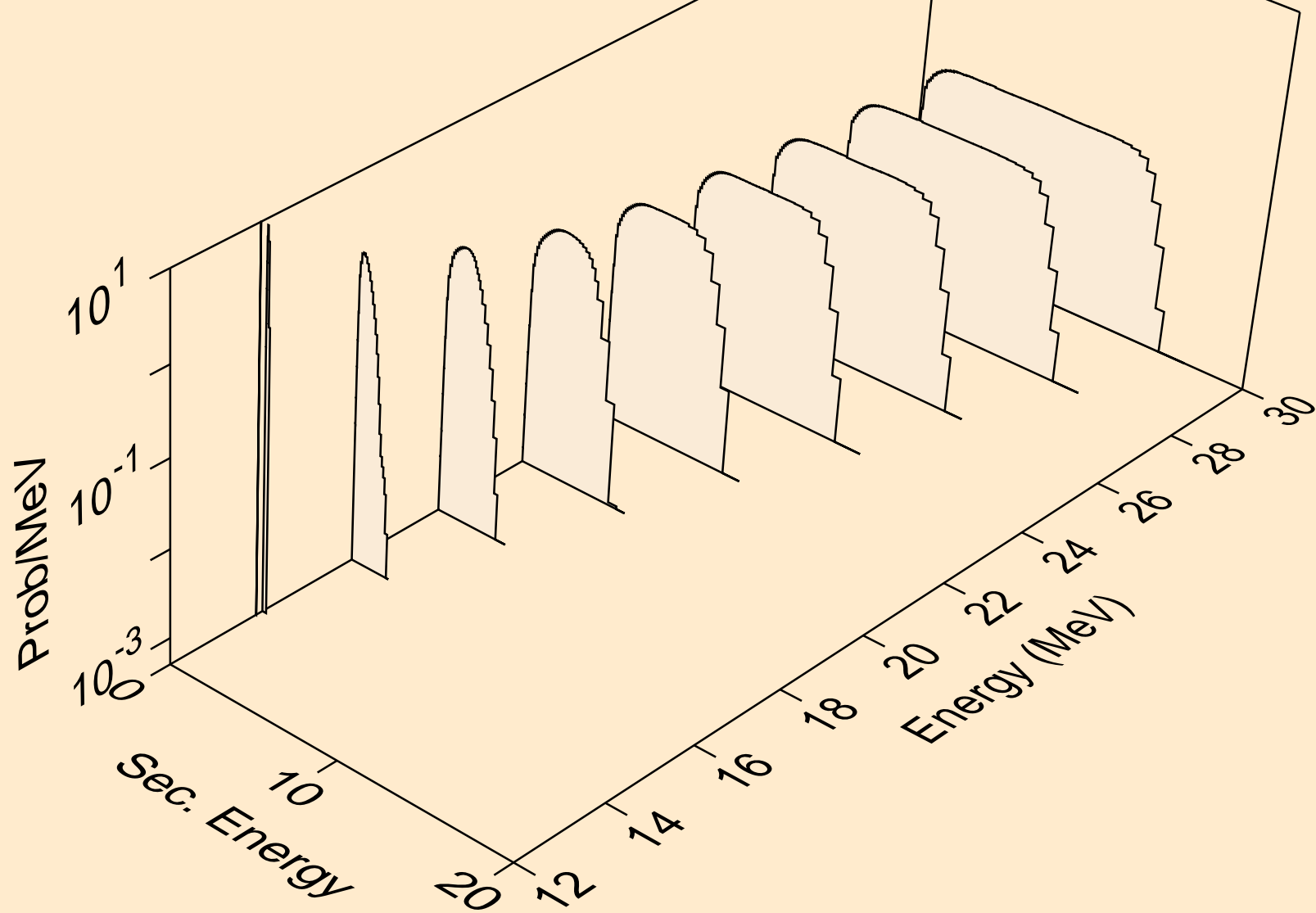
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neutrons from (p,n)



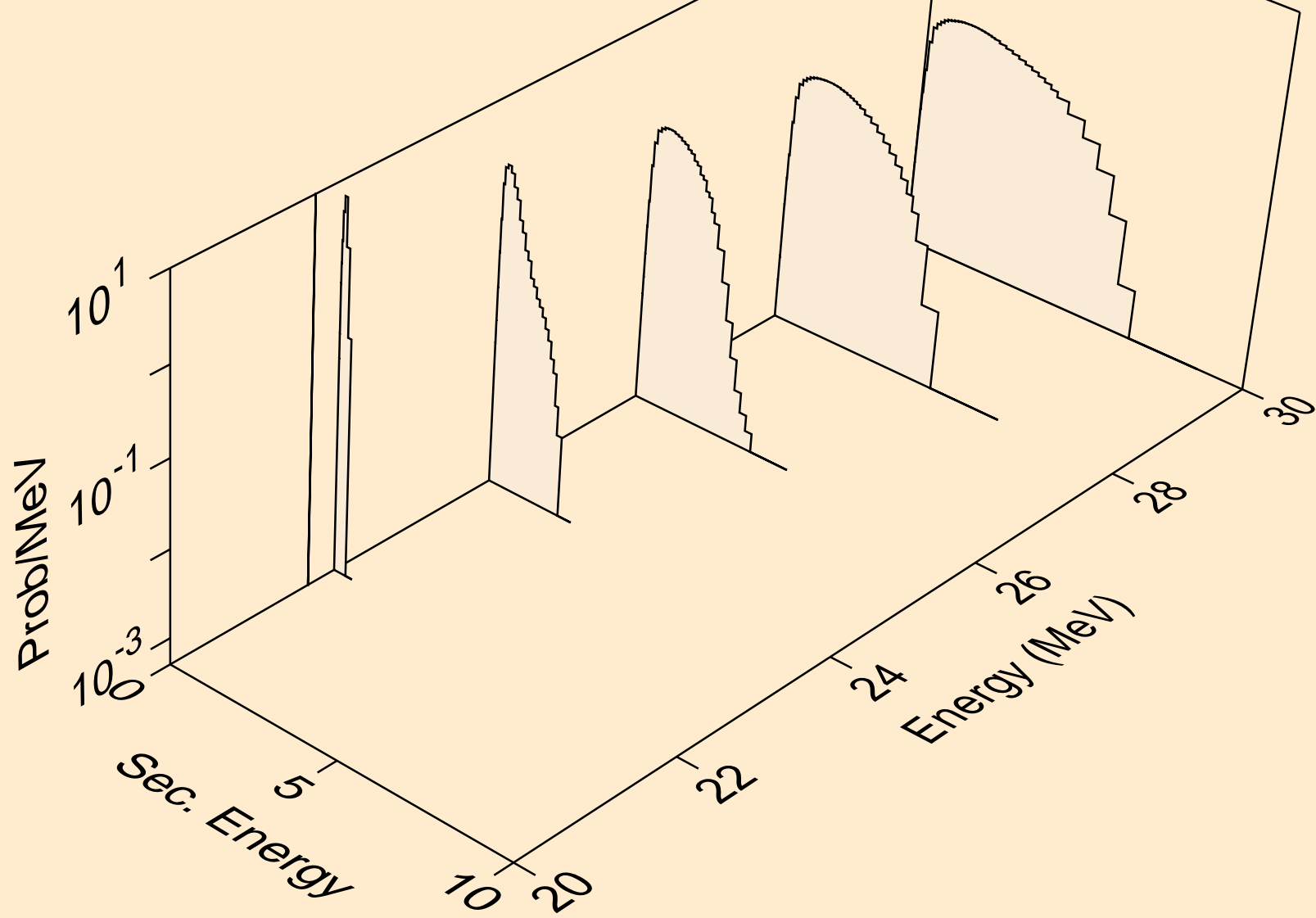
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neutrons from (p,x)



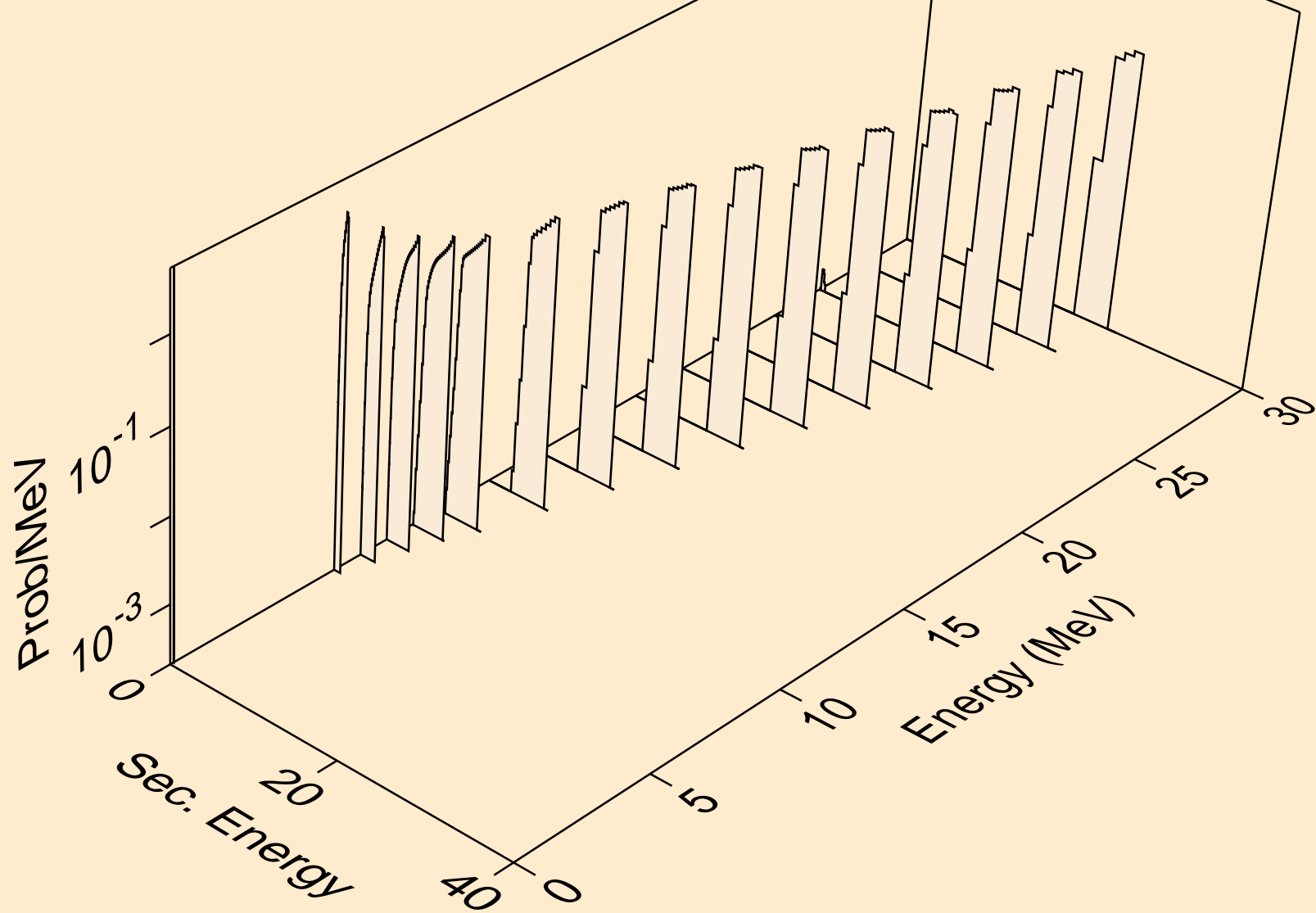
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neutrons from (p,2n)



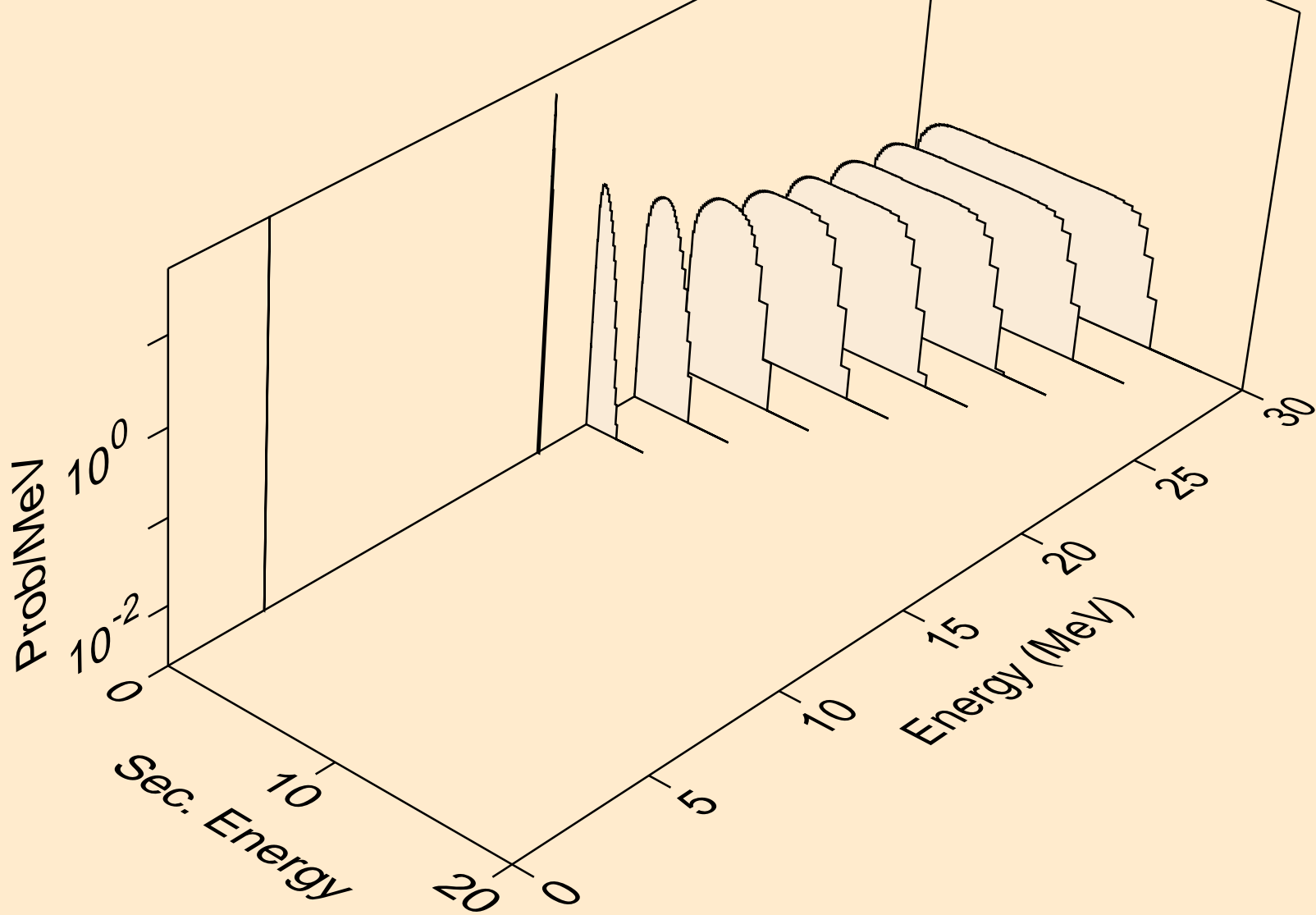
DB256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)



DB256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a

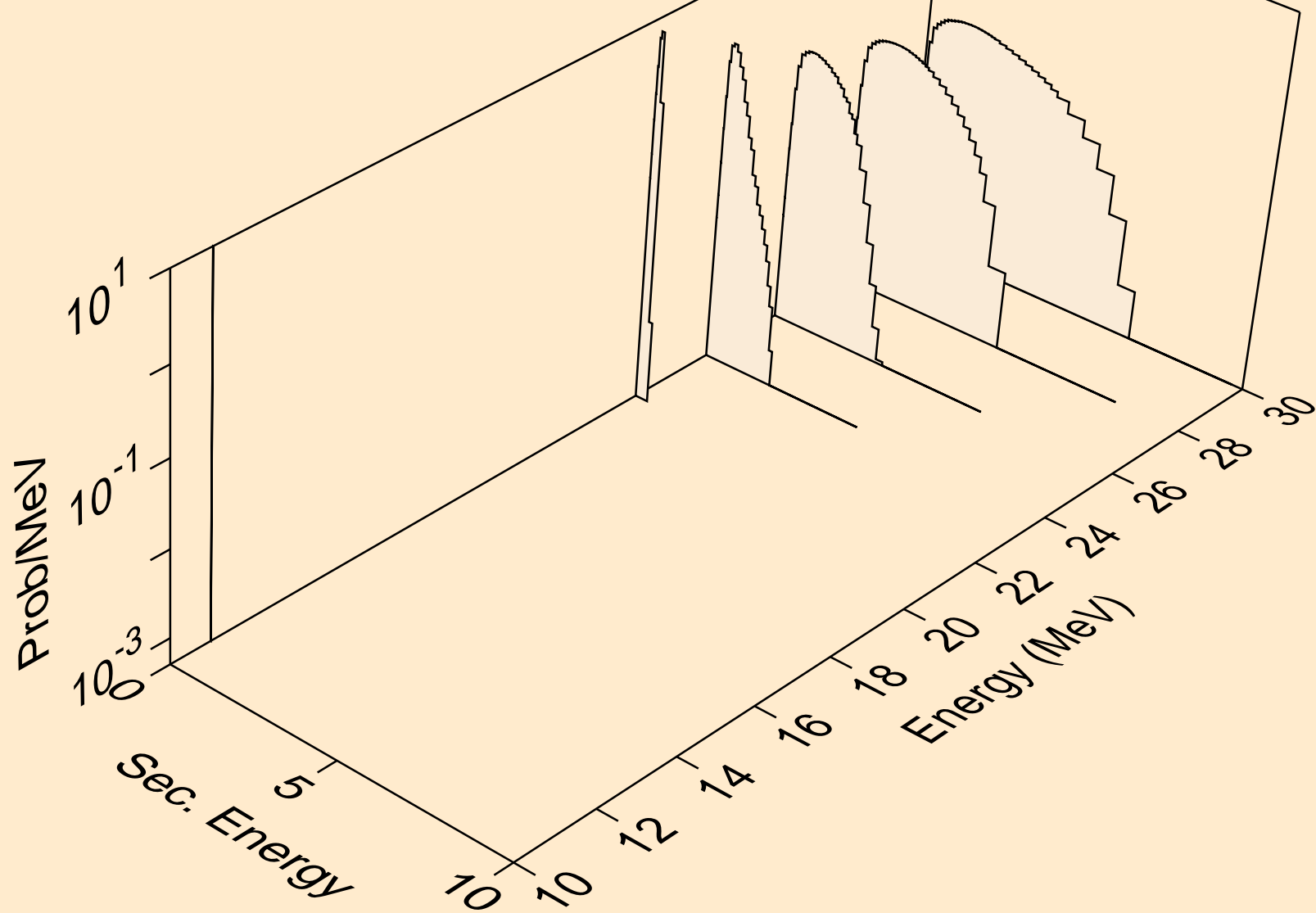


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neutrons from (p,2n)a

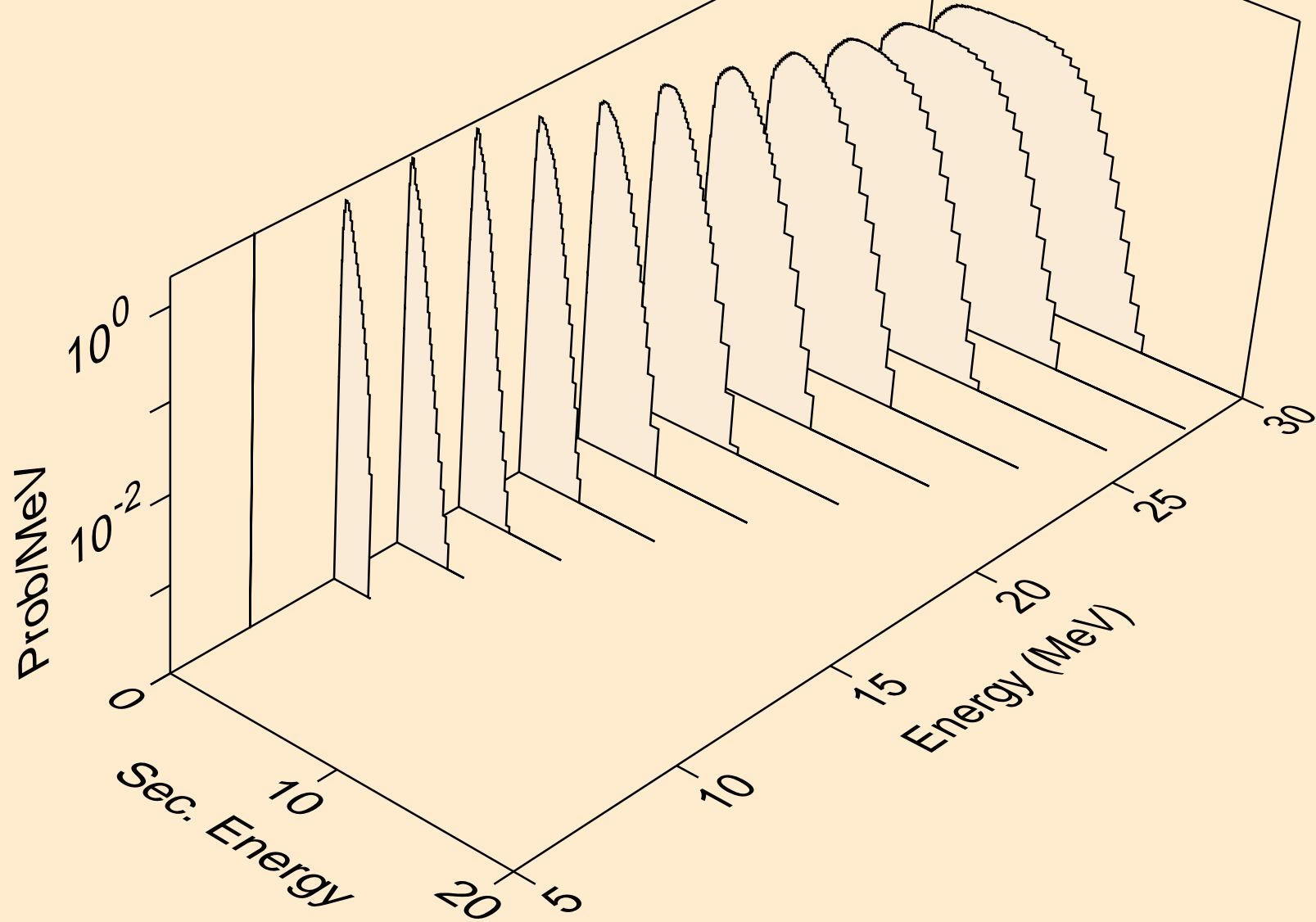




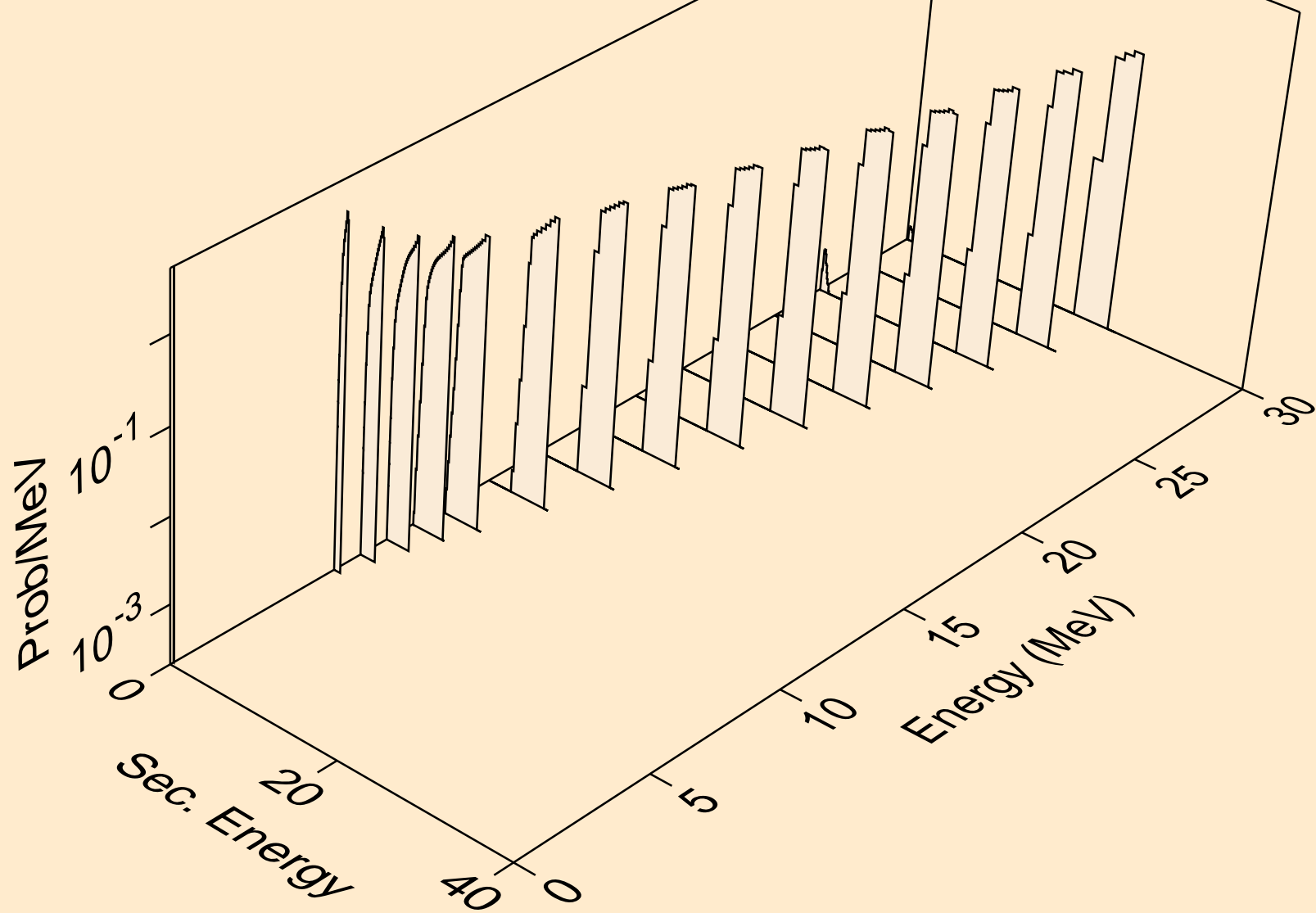
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neutrons from (p,3n)a



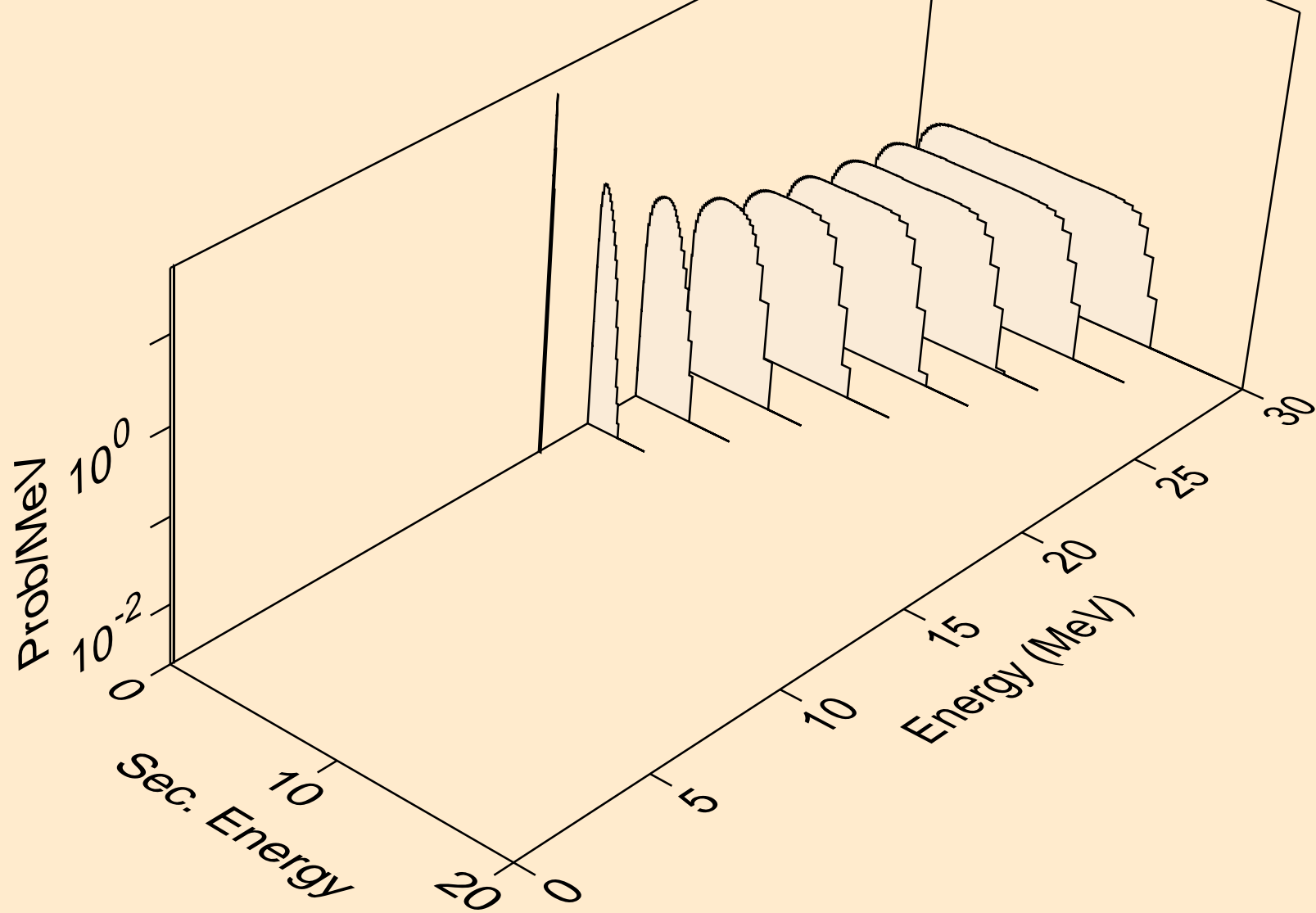
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neutrons from (p,n\*)p



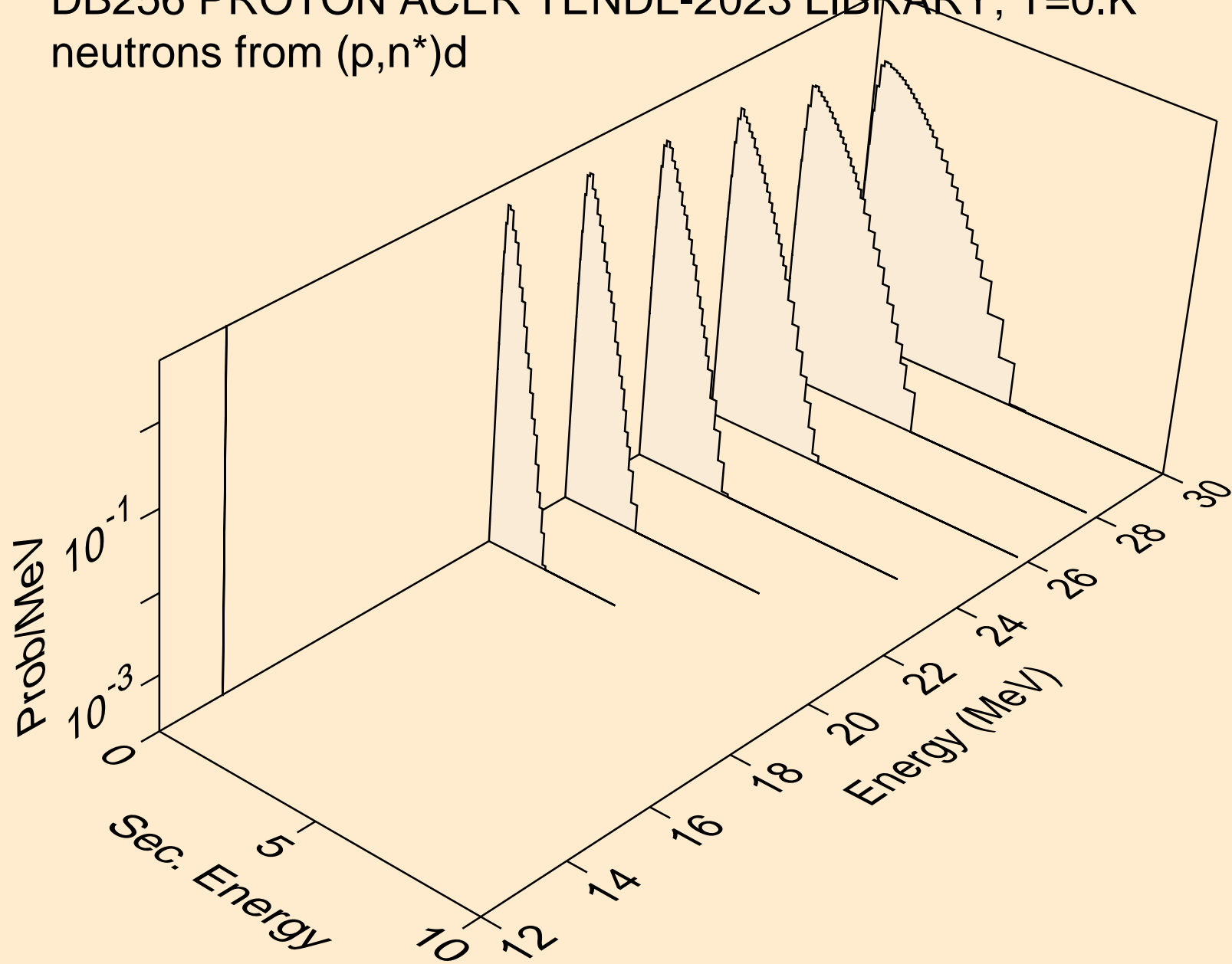
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neutrons from (p,n\*)2a



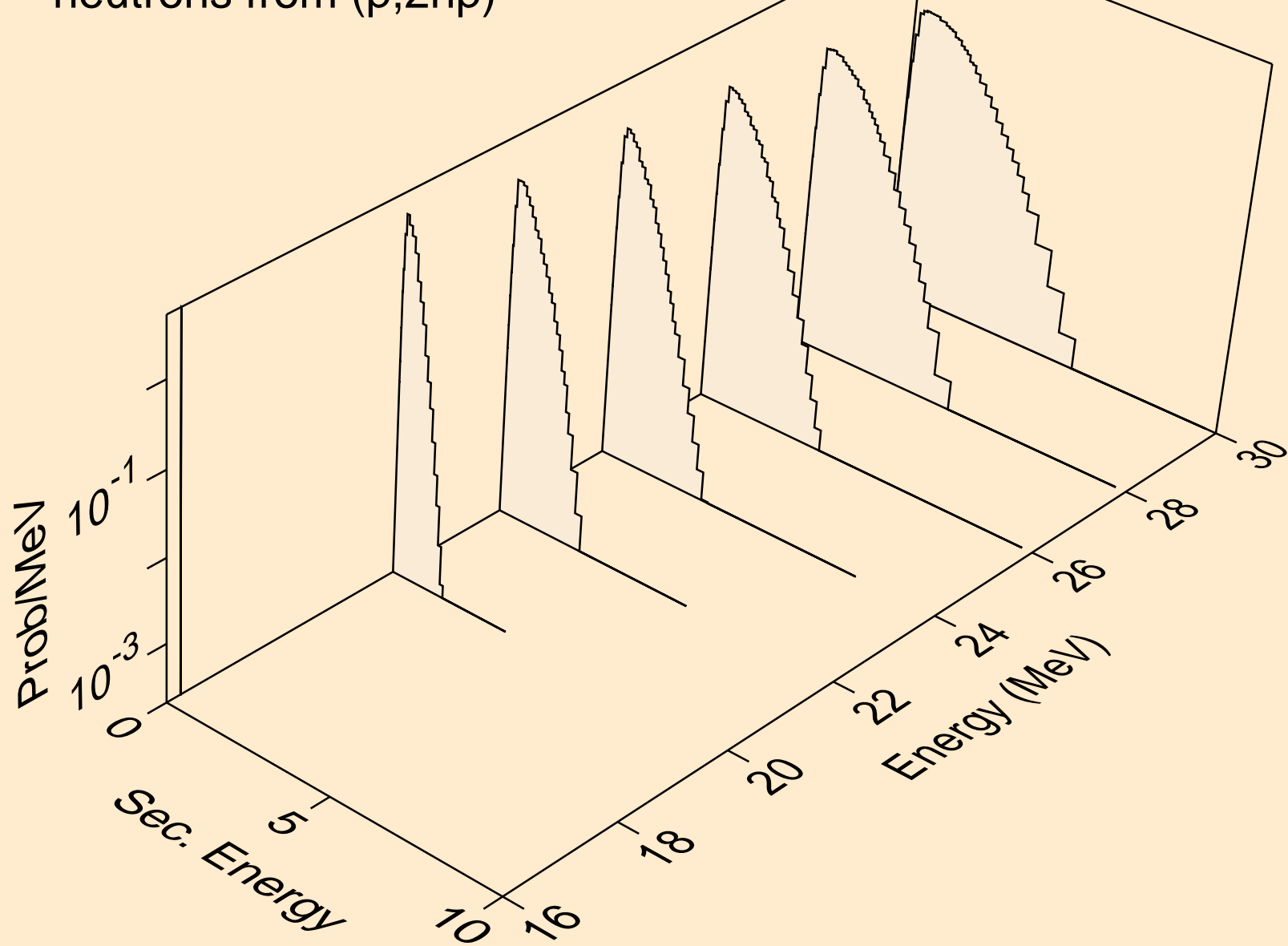
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neutrons from (p,2n)2a



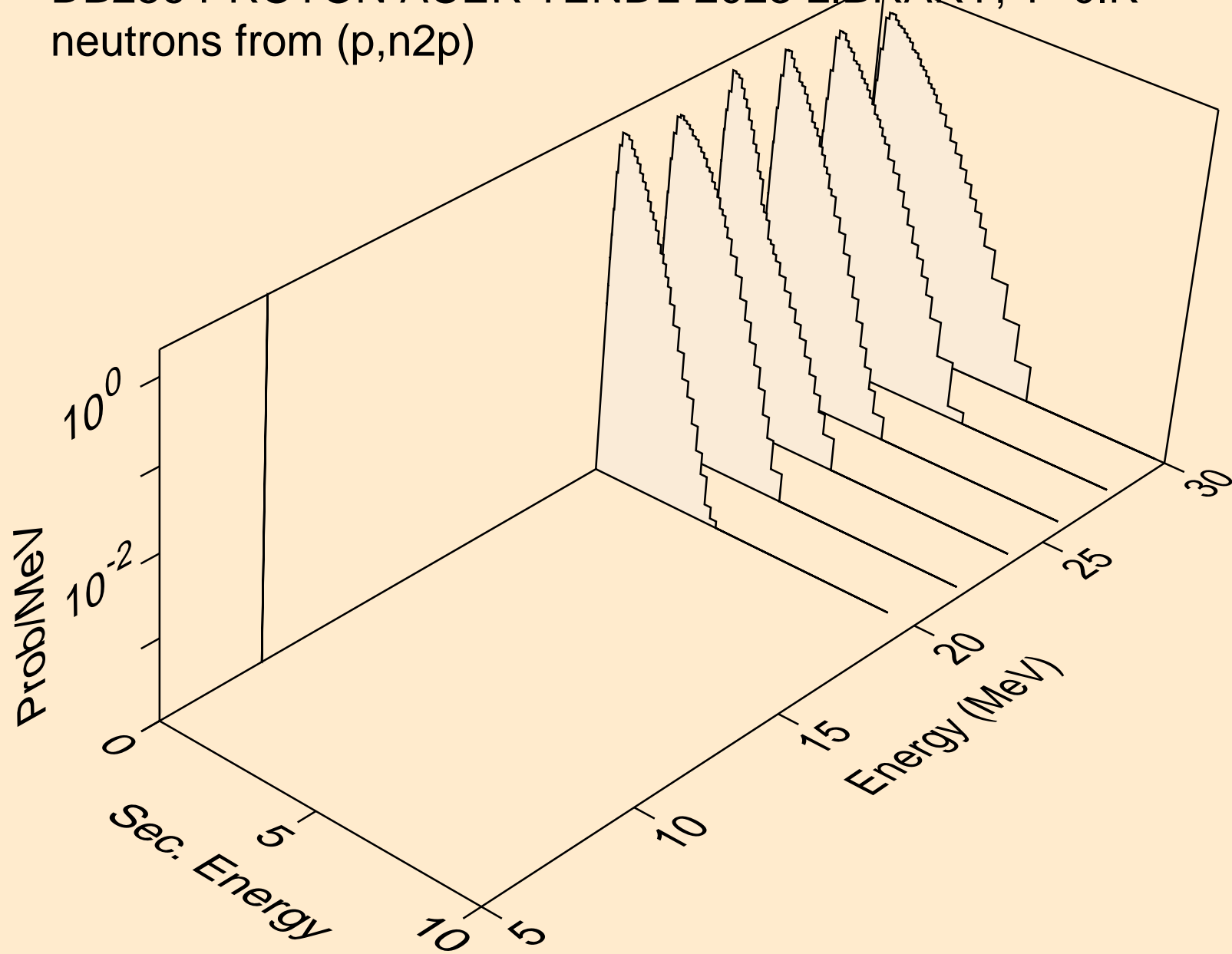
DB256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)d



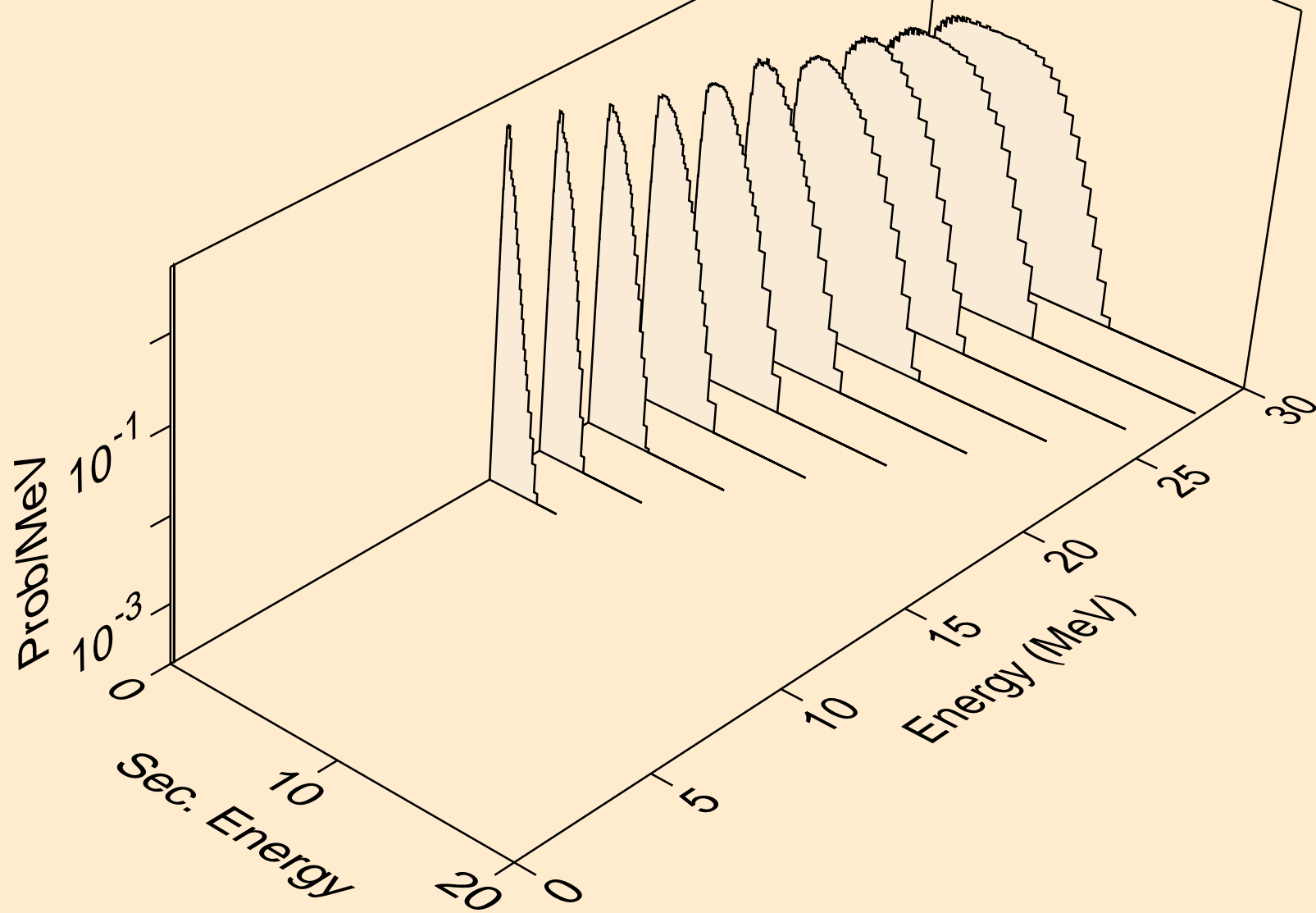
DB256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2np)



DB256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n2p)

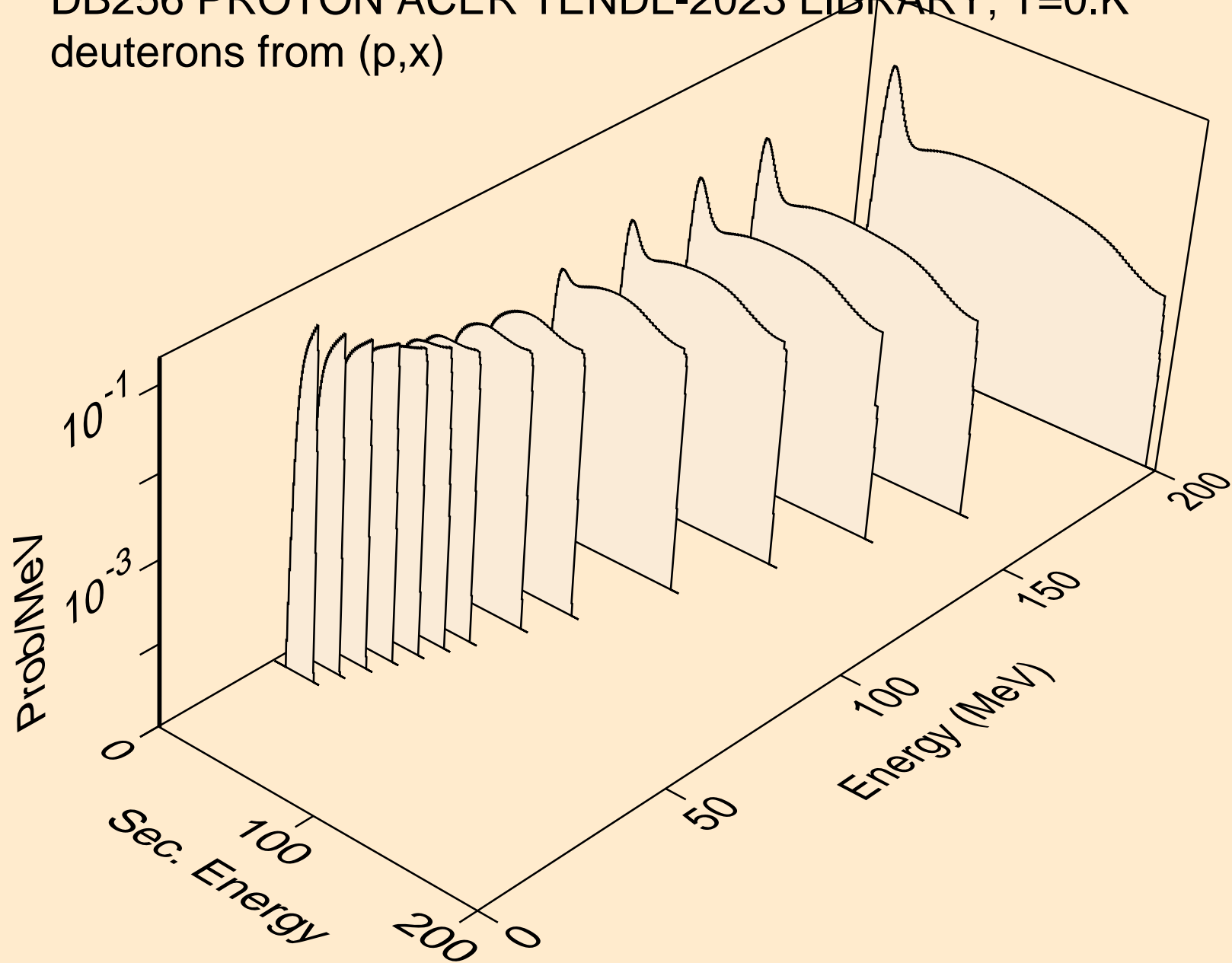


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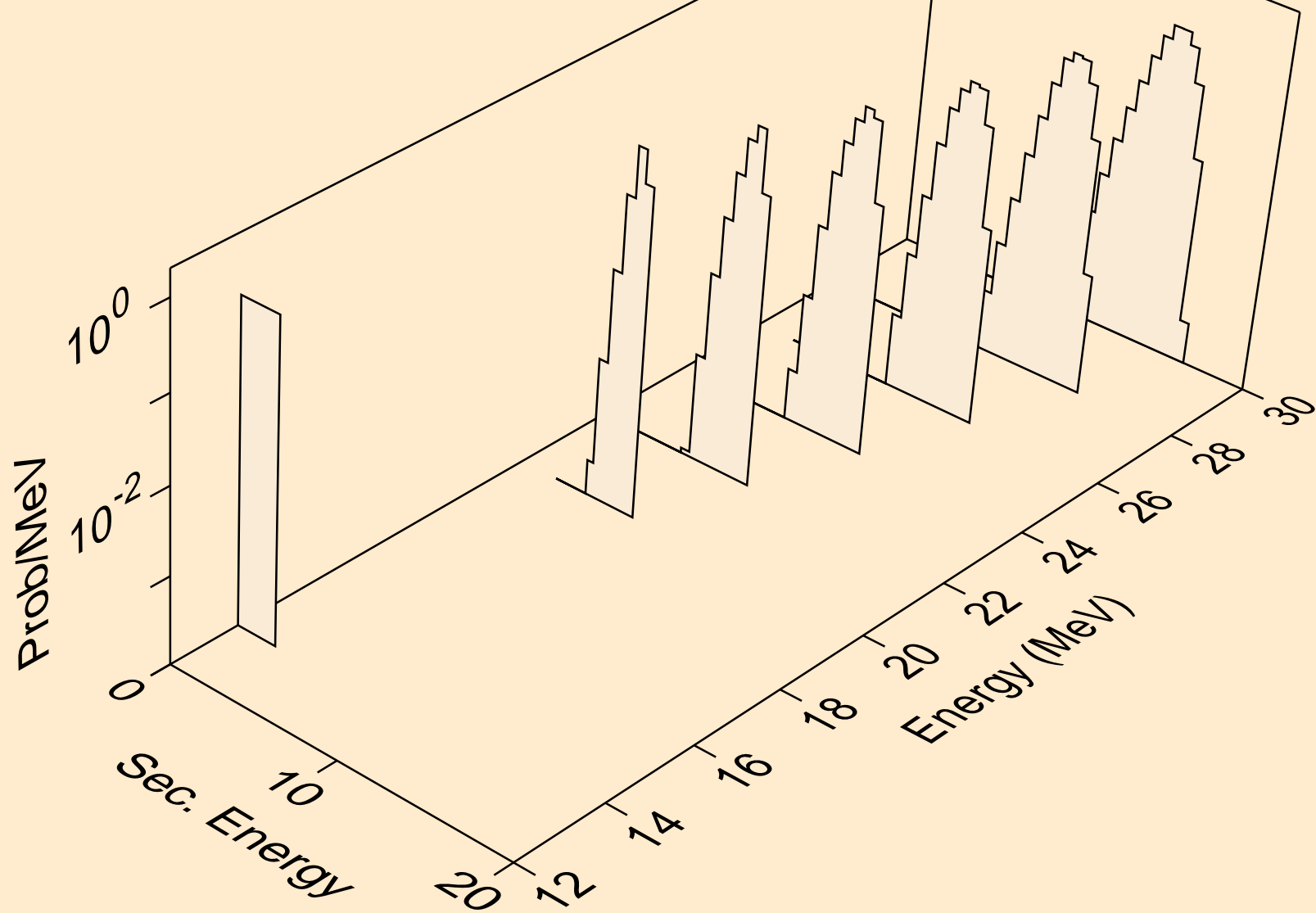




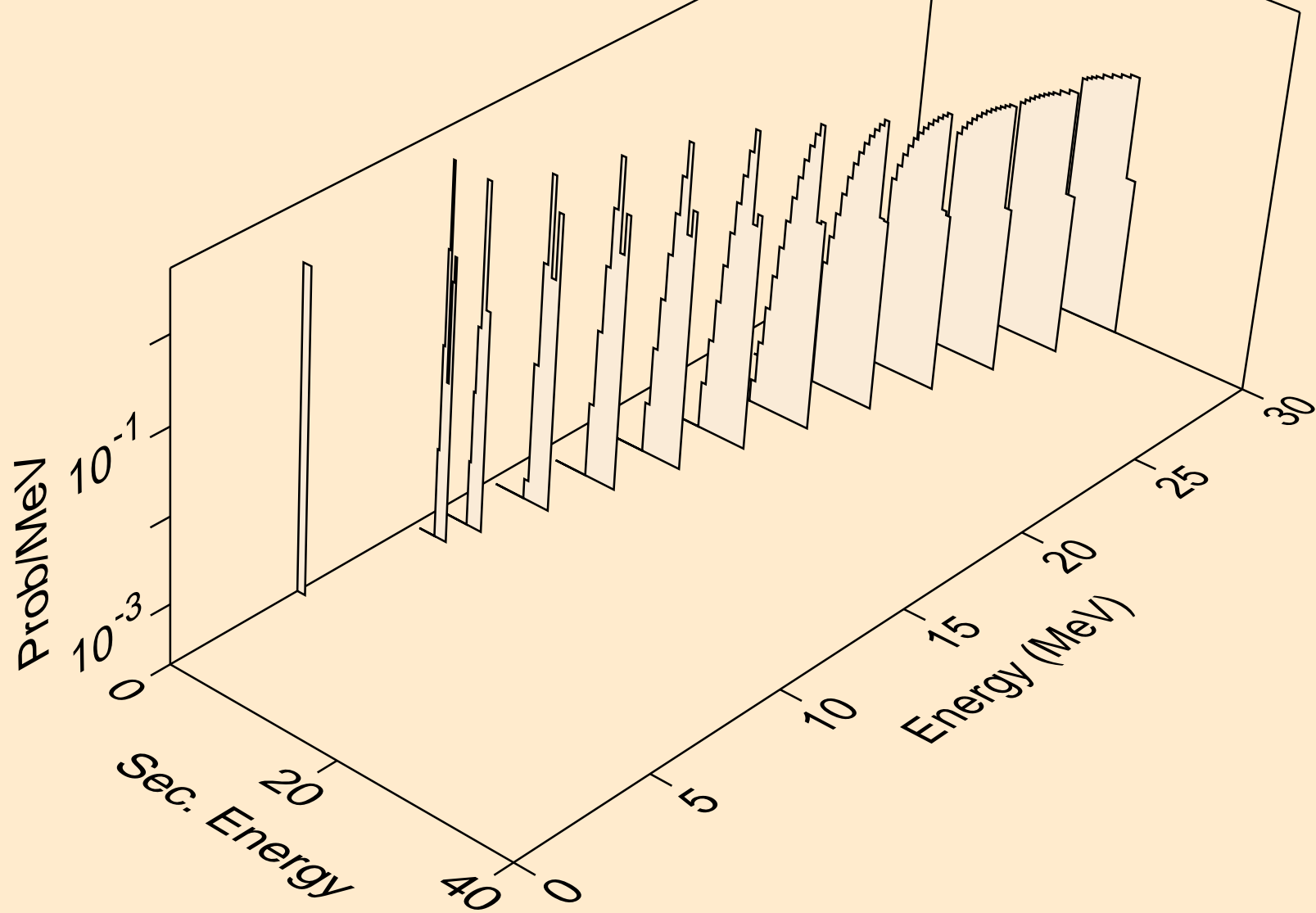
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deuterons from (p,x)



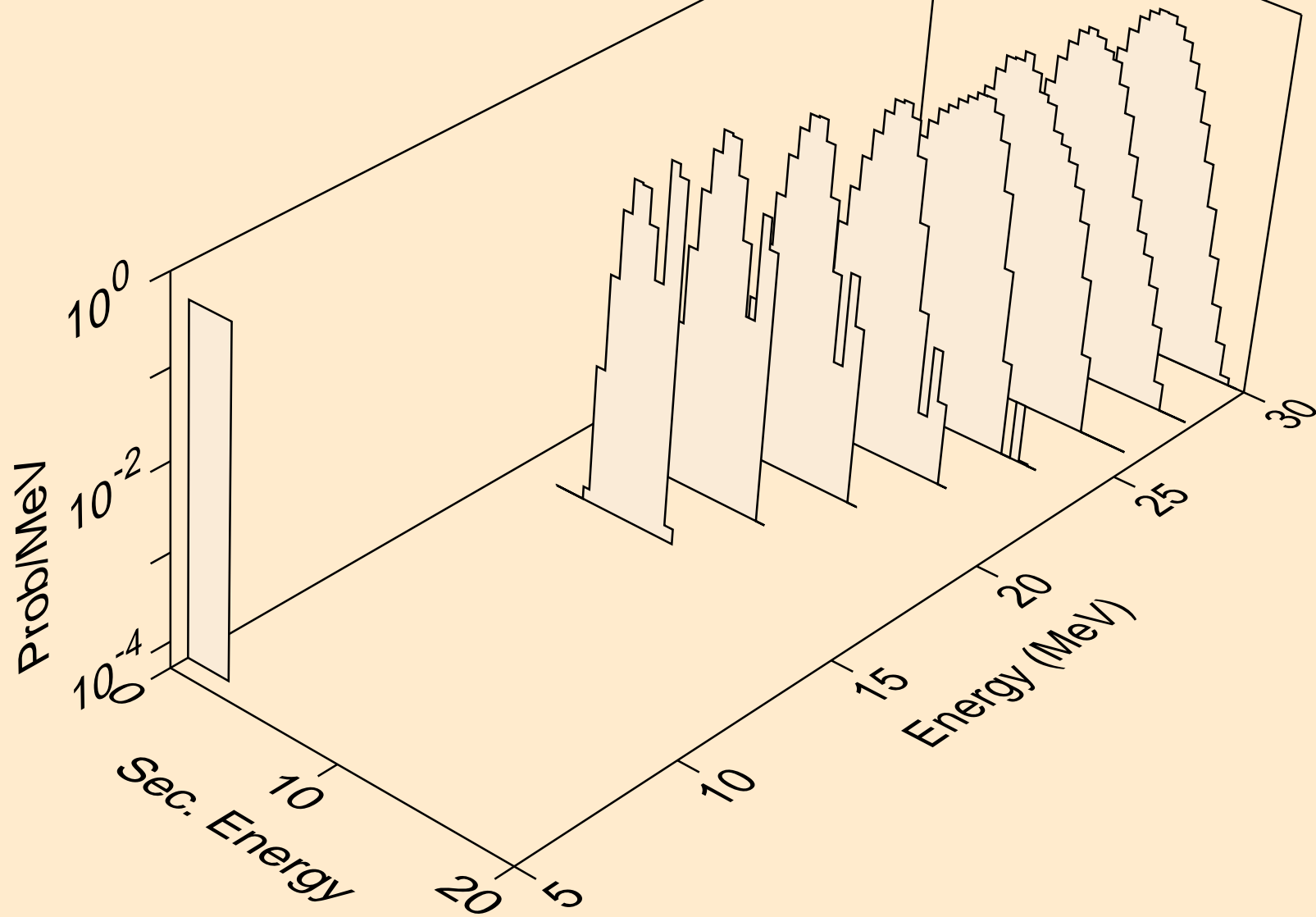
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deuterons from (p,n\*)d



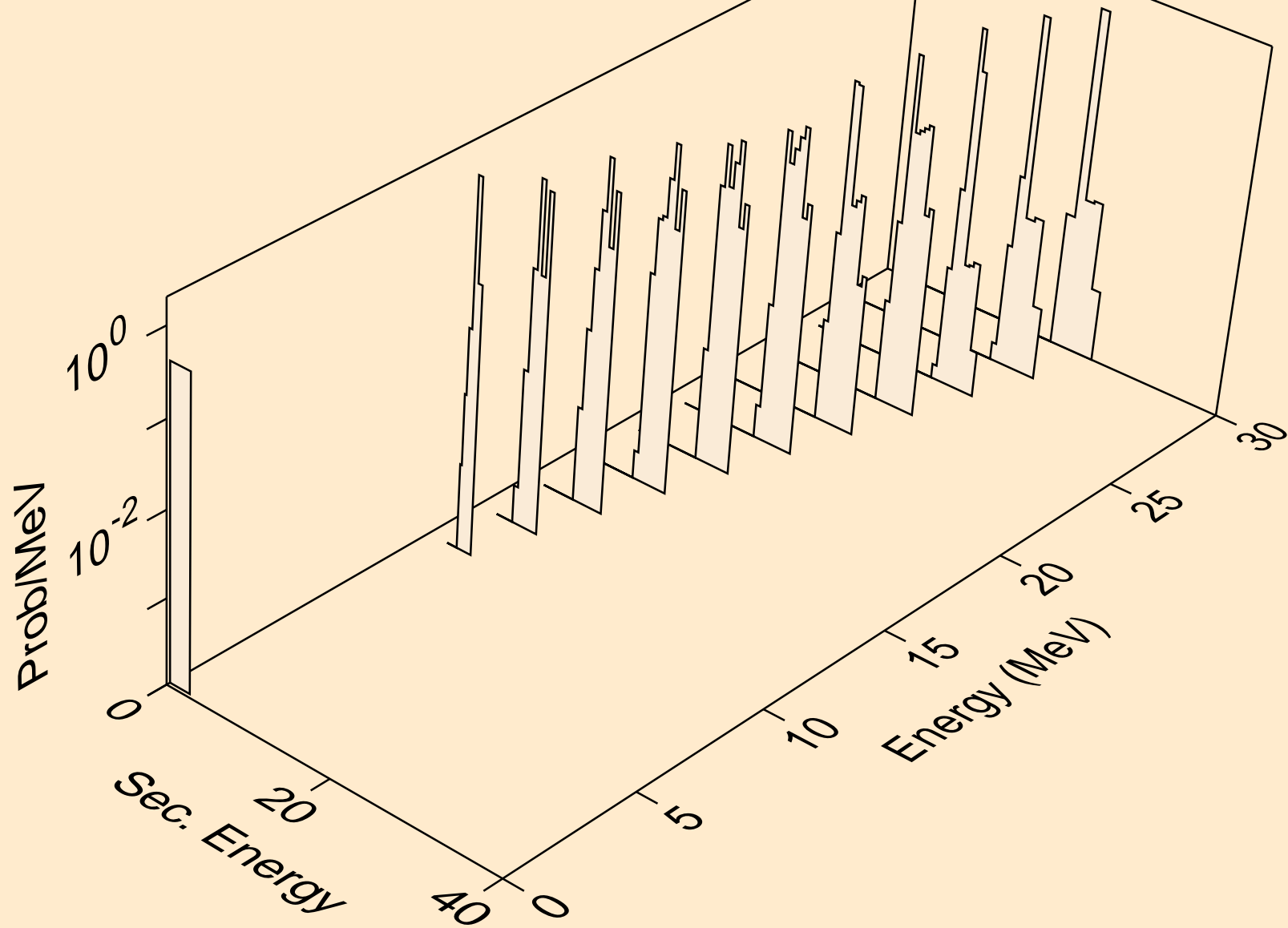
DB256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,d)



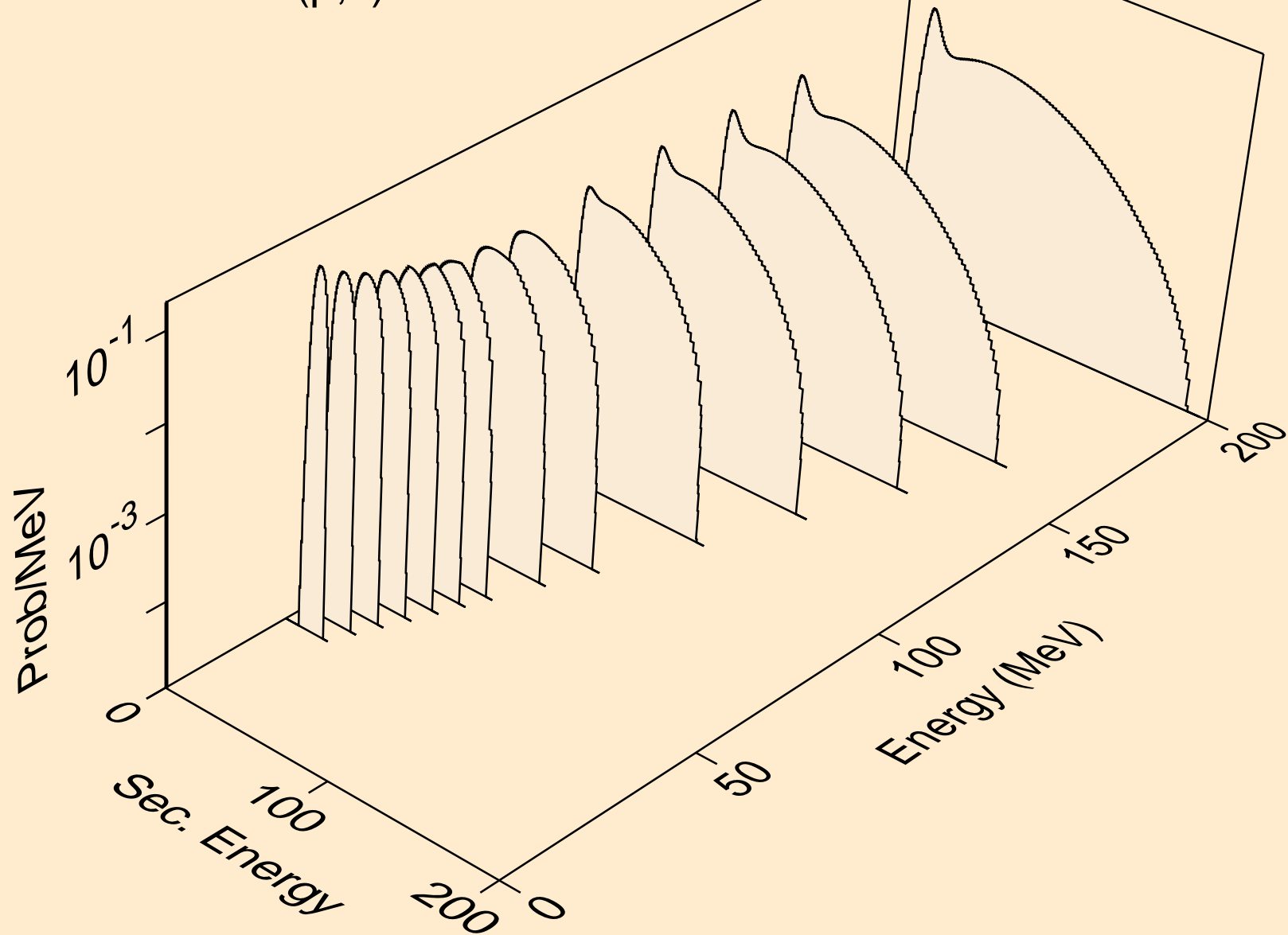
DB256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,pd)



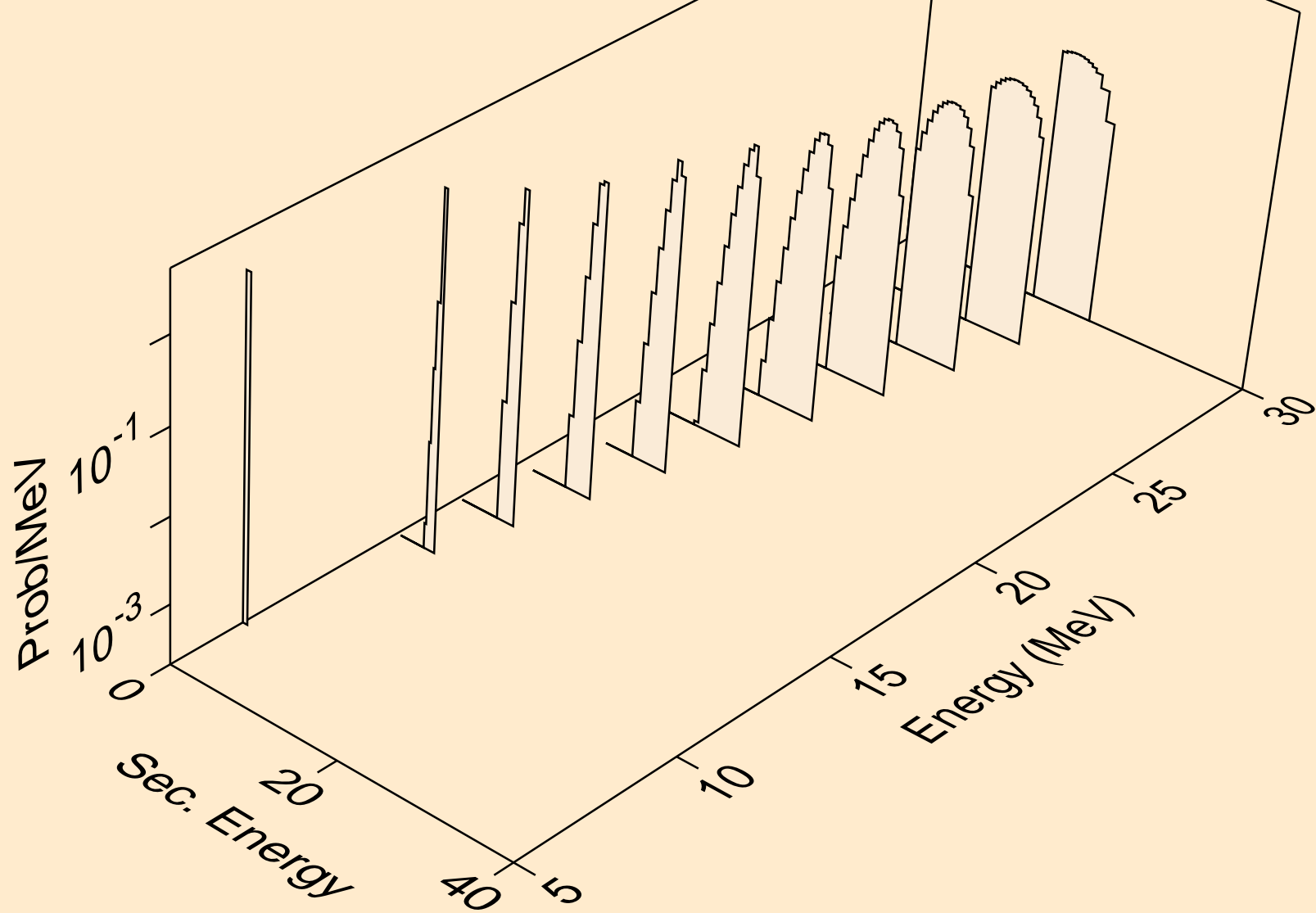
DB256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,da)



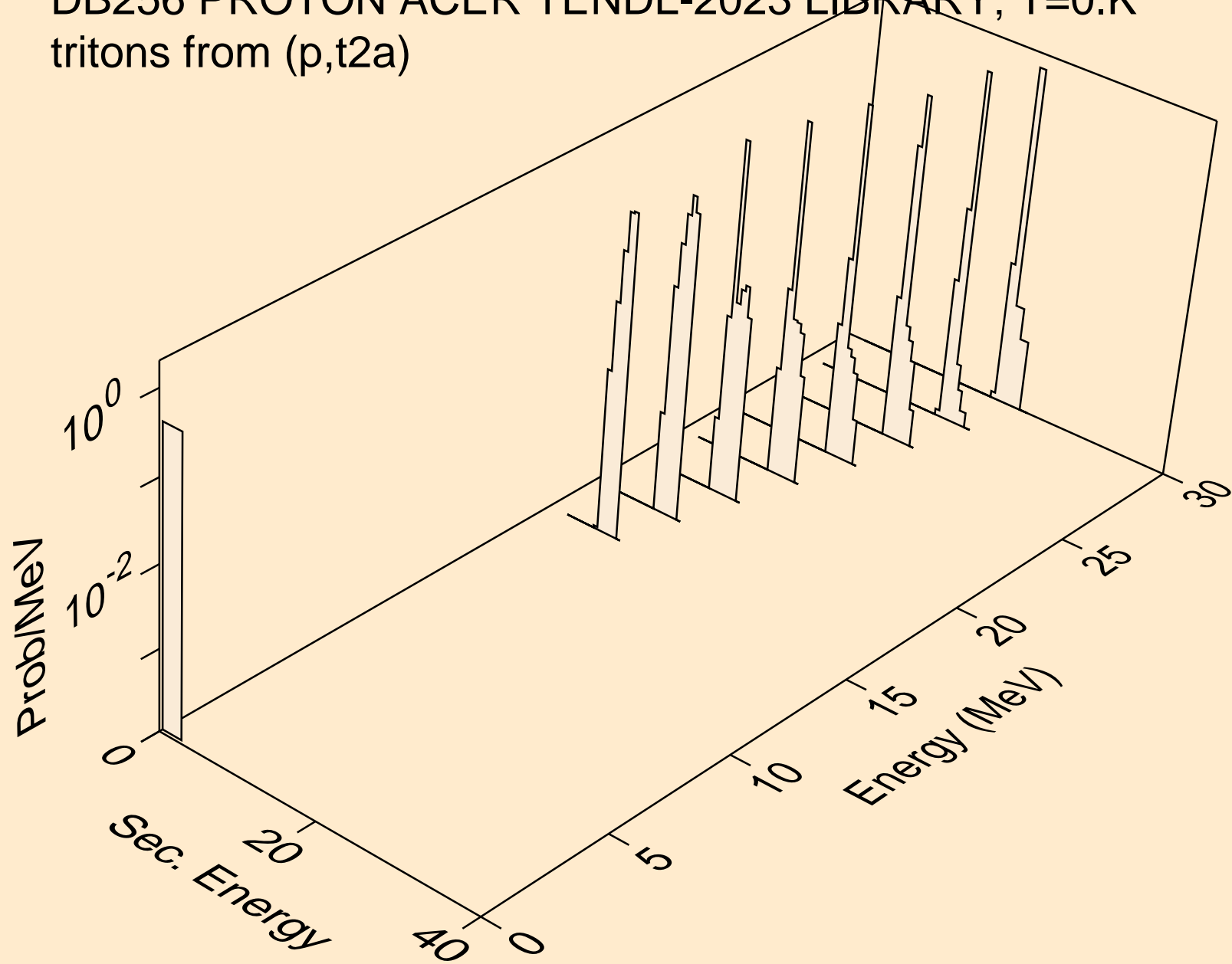
DB256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,x)



DB256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,t)

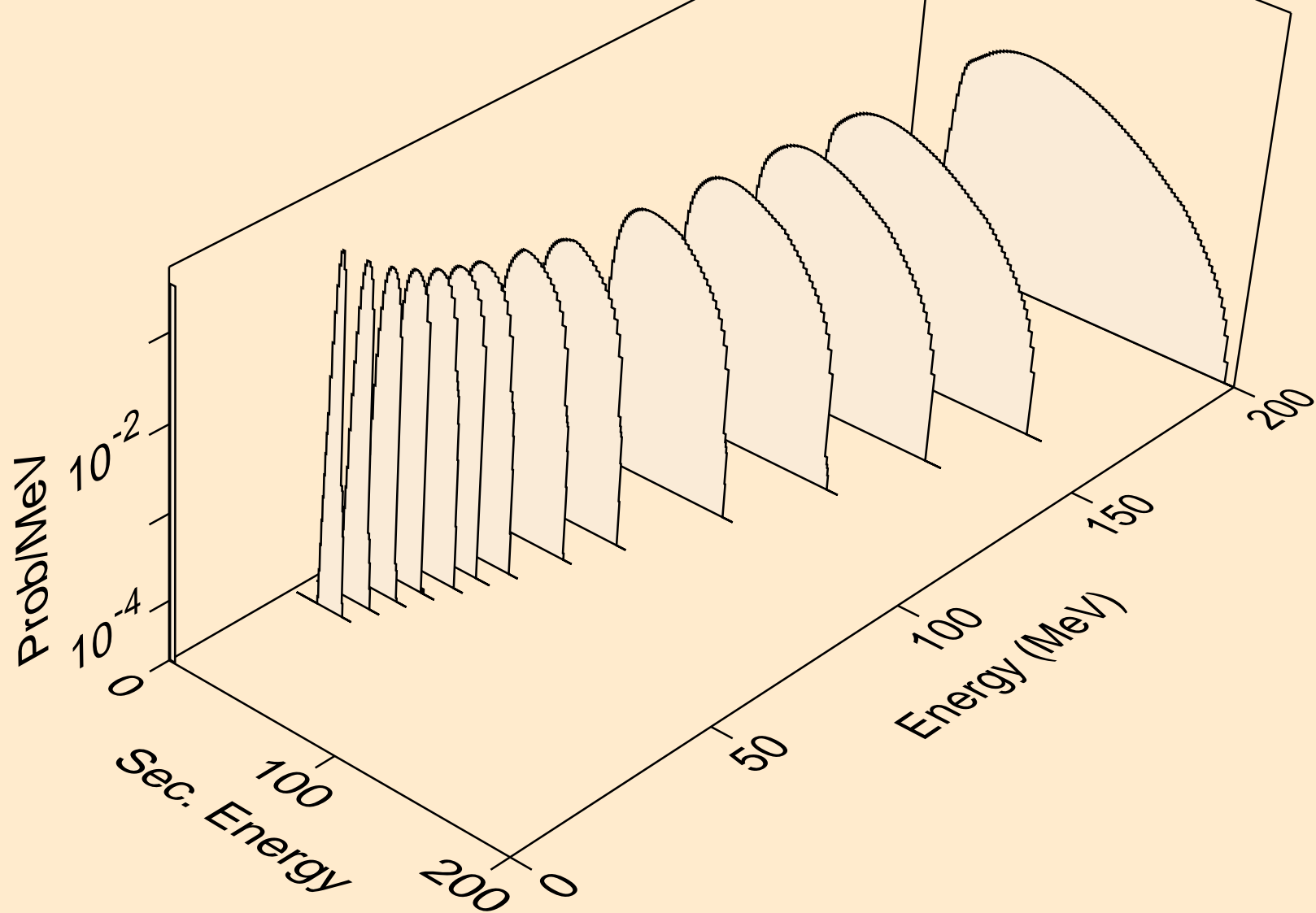


DB256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (p,t2a)

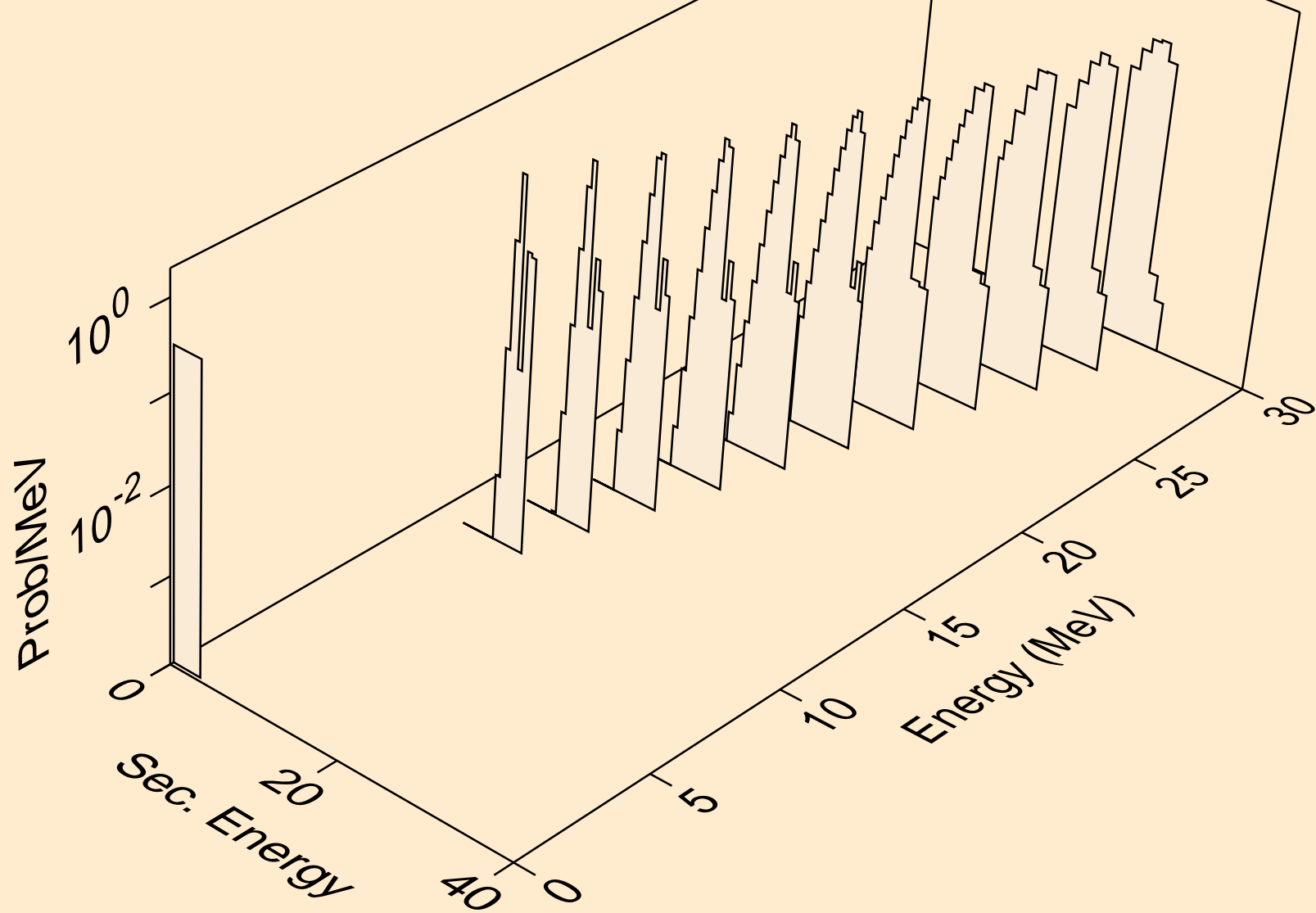




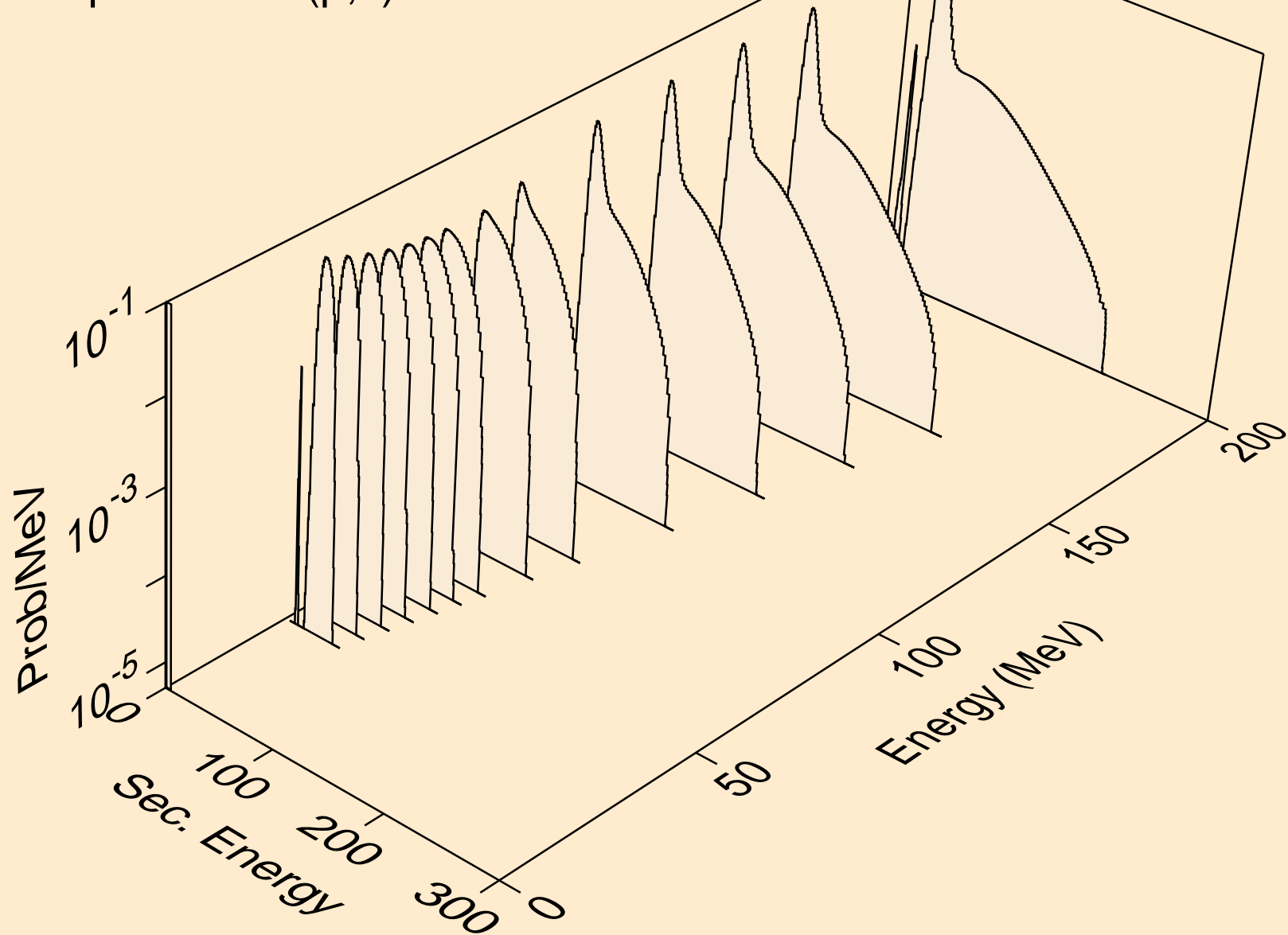
DB256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (p,x)



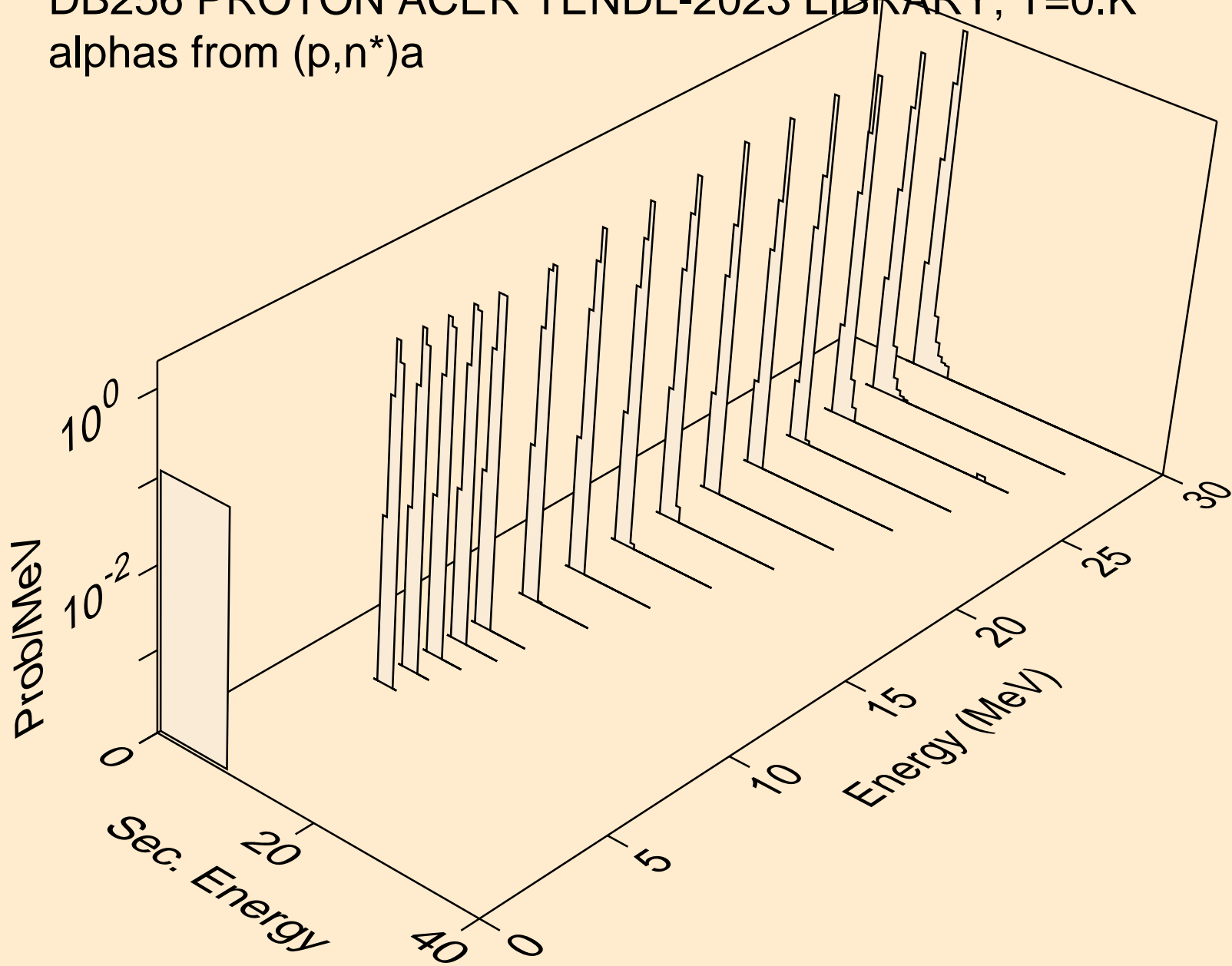
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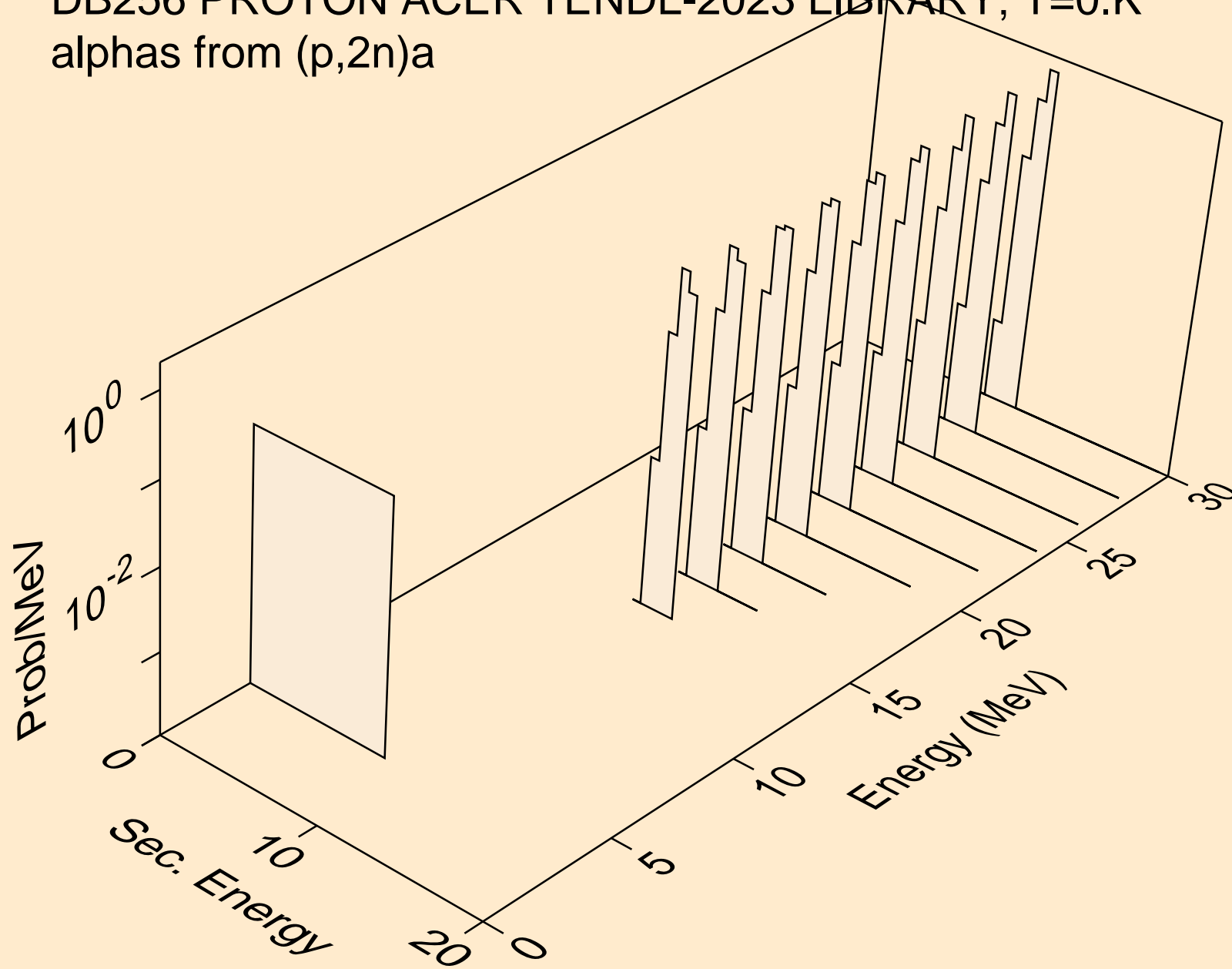
DB256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,x)



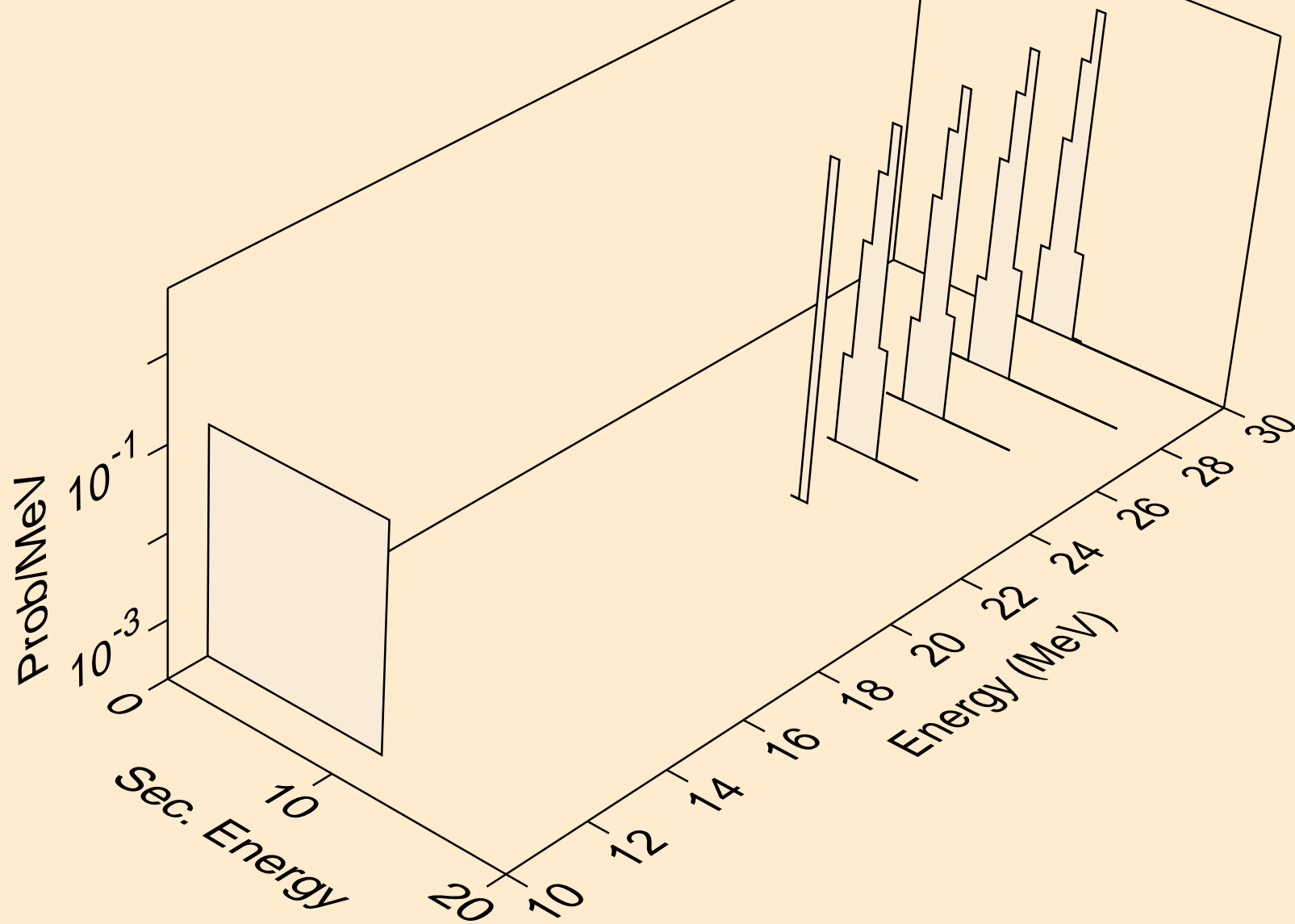
DB256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)a



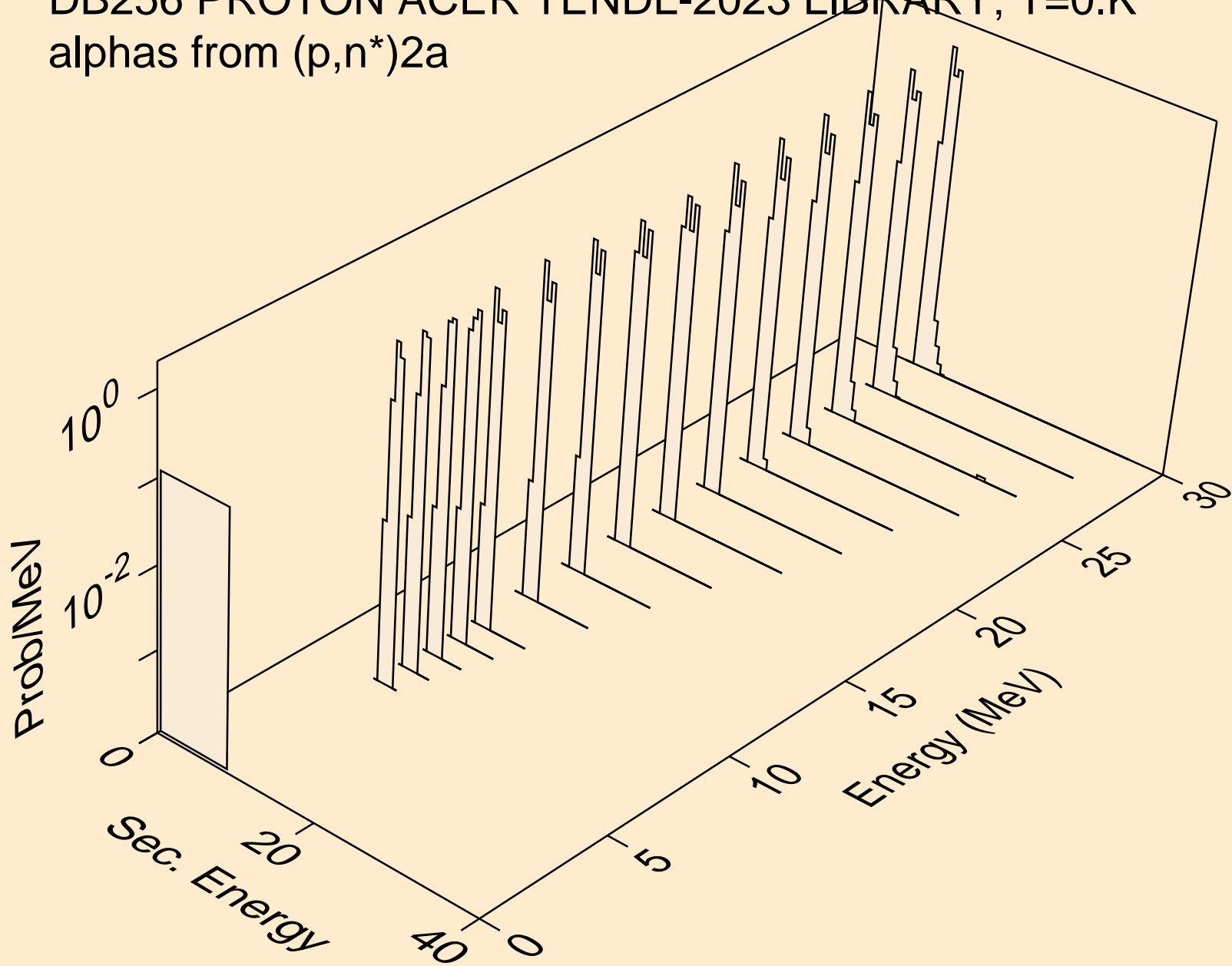
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alphas from (p,2n)a



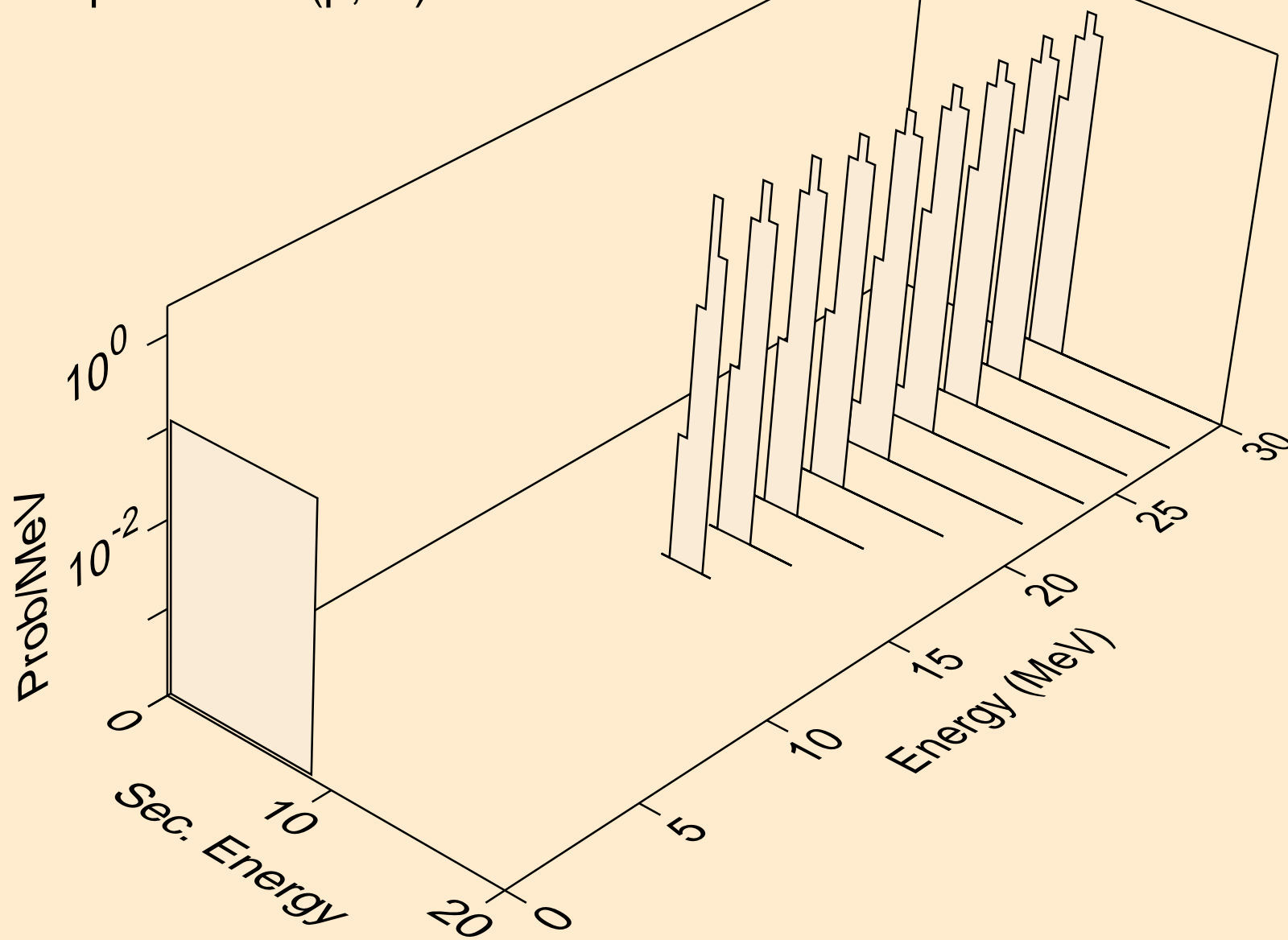
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alphas from (p,3n)a



DB256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,n\*)2a

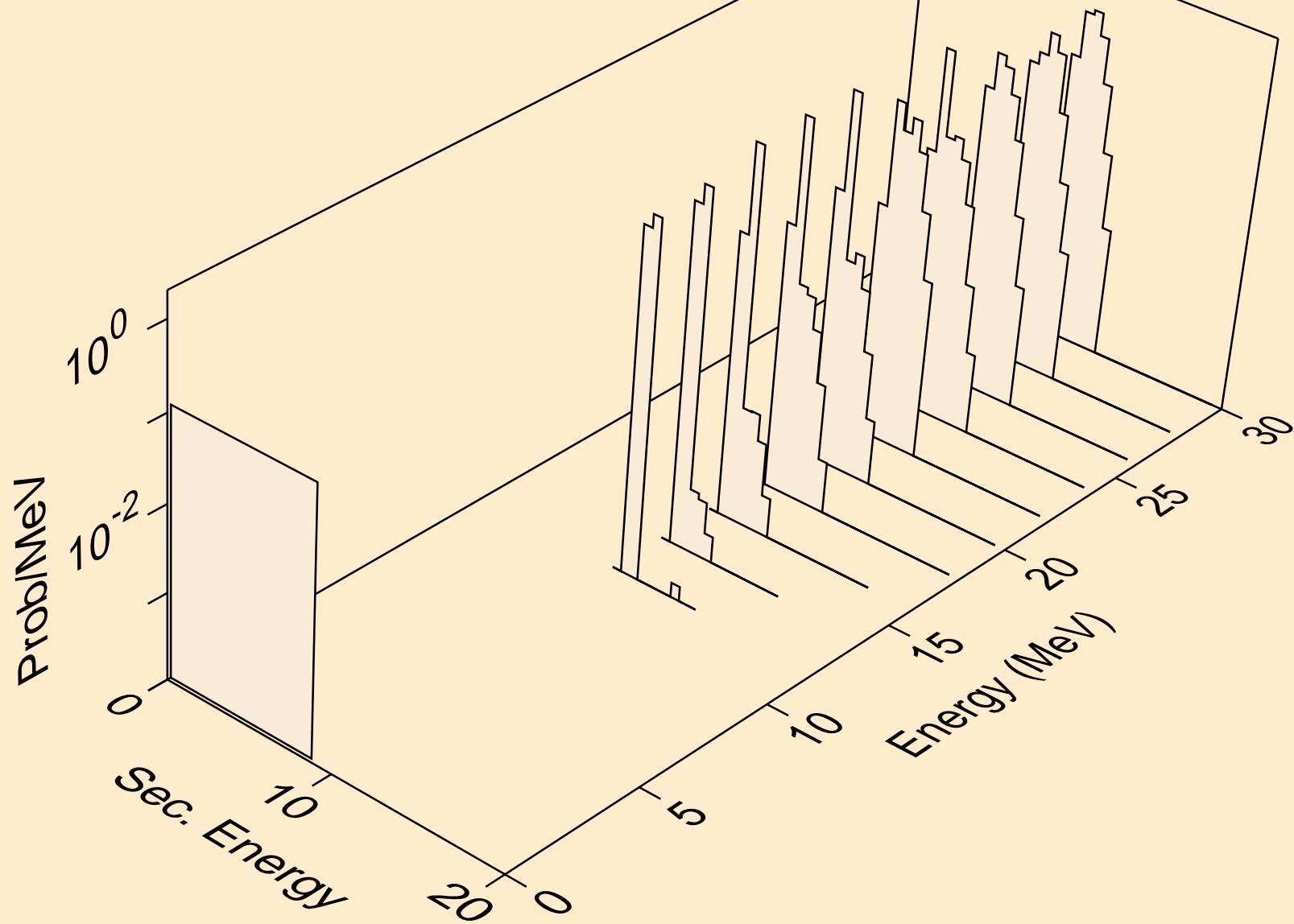


DB256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2n)2a

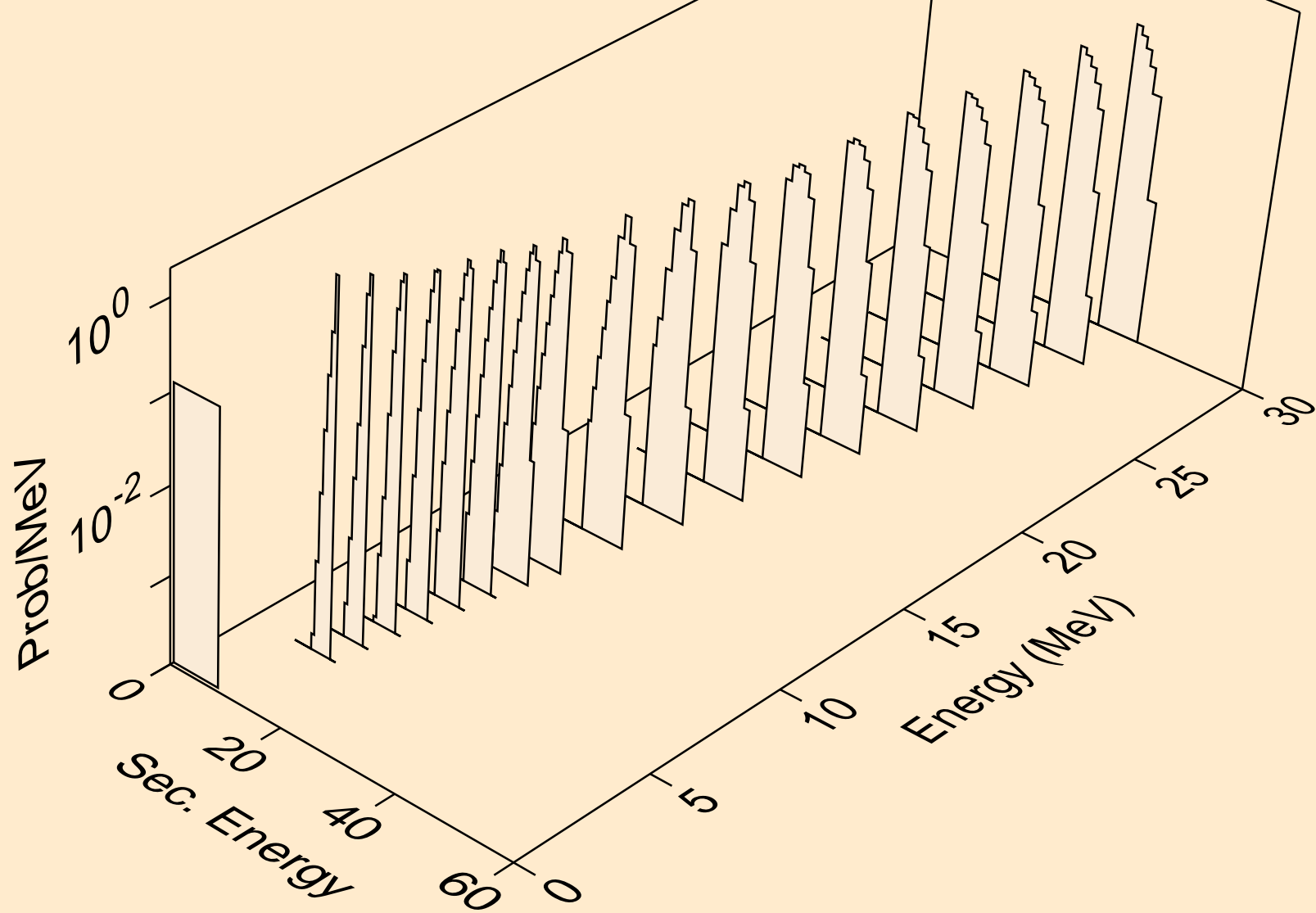




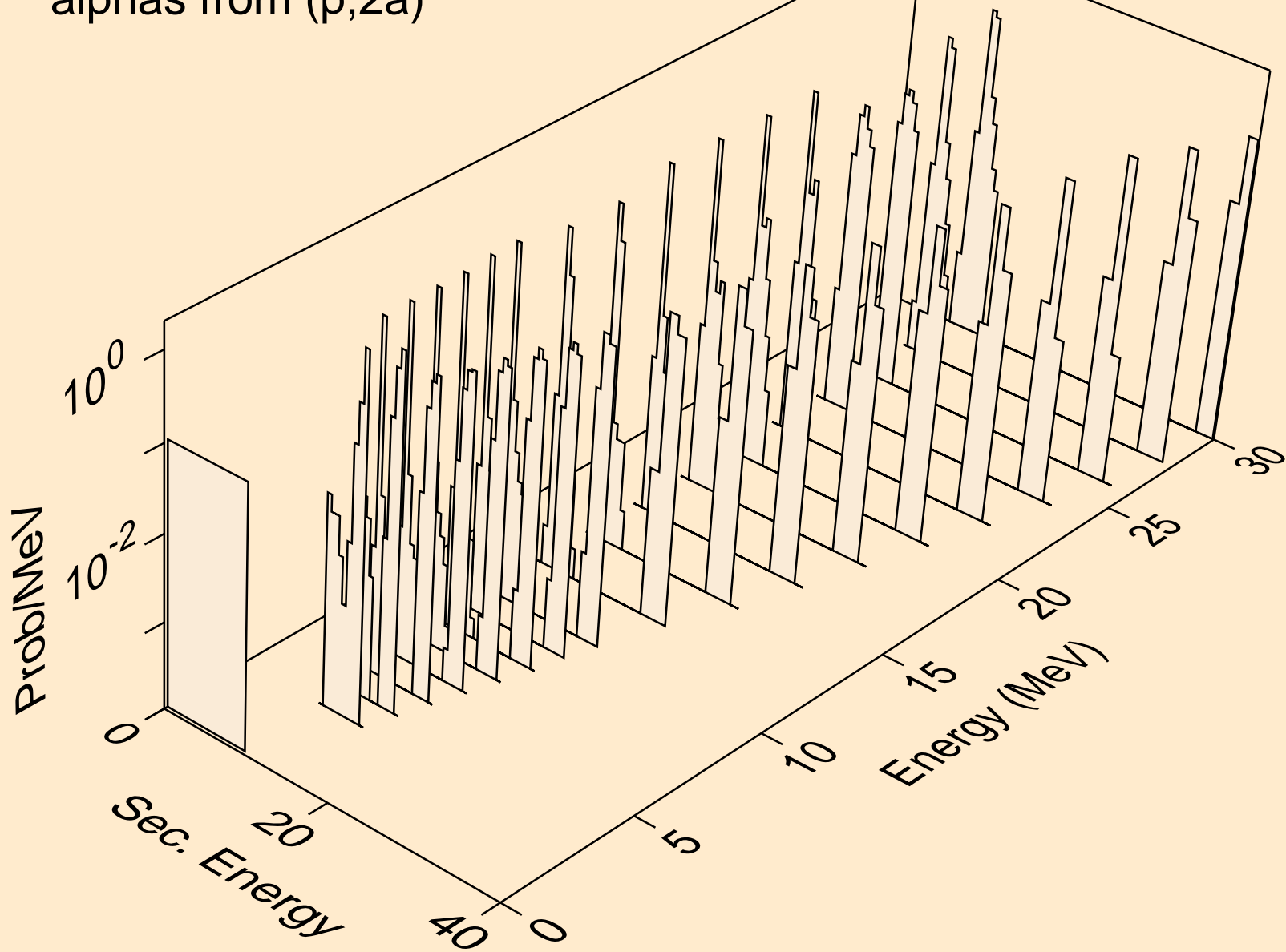
DB256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,npa)



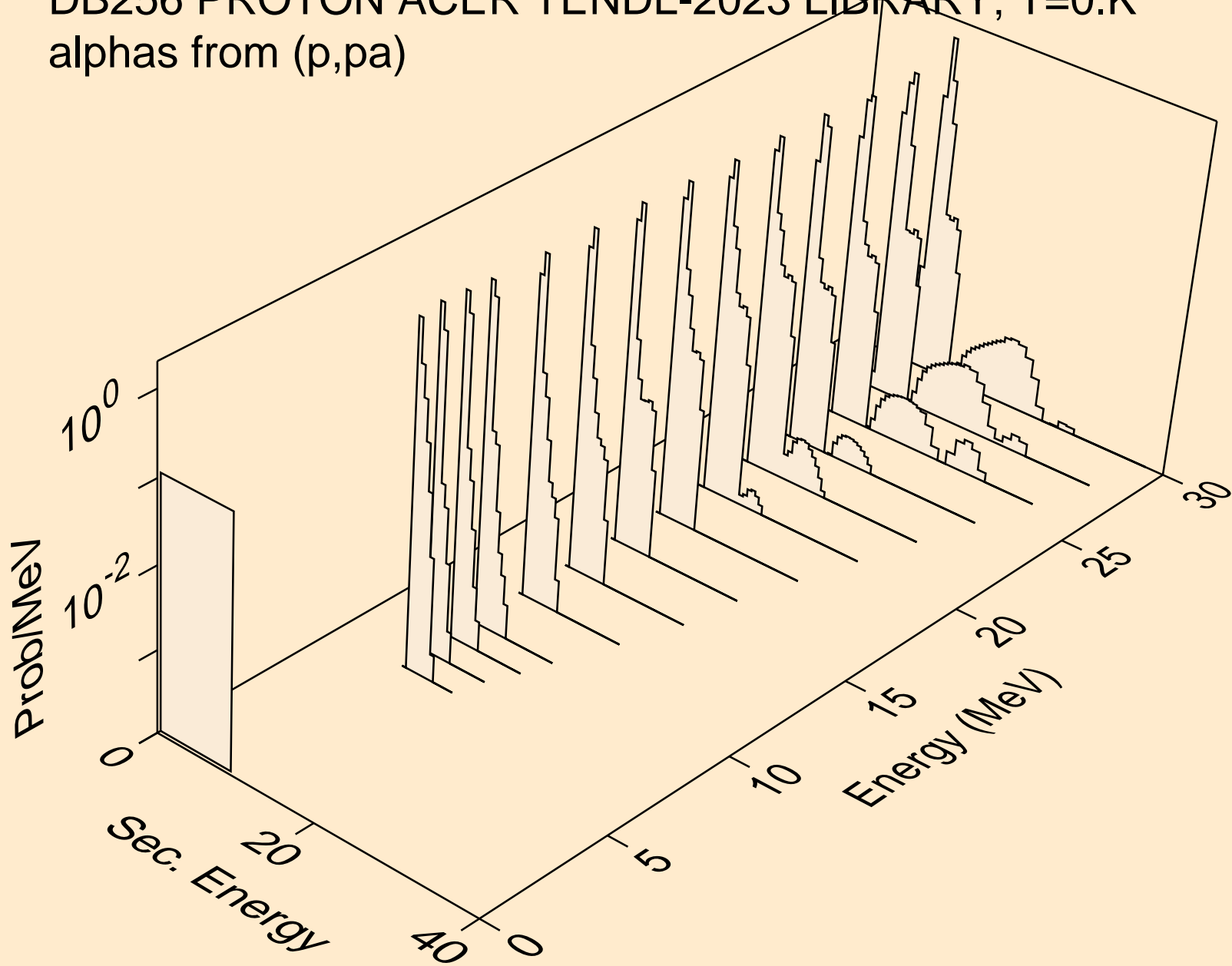
DB256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)



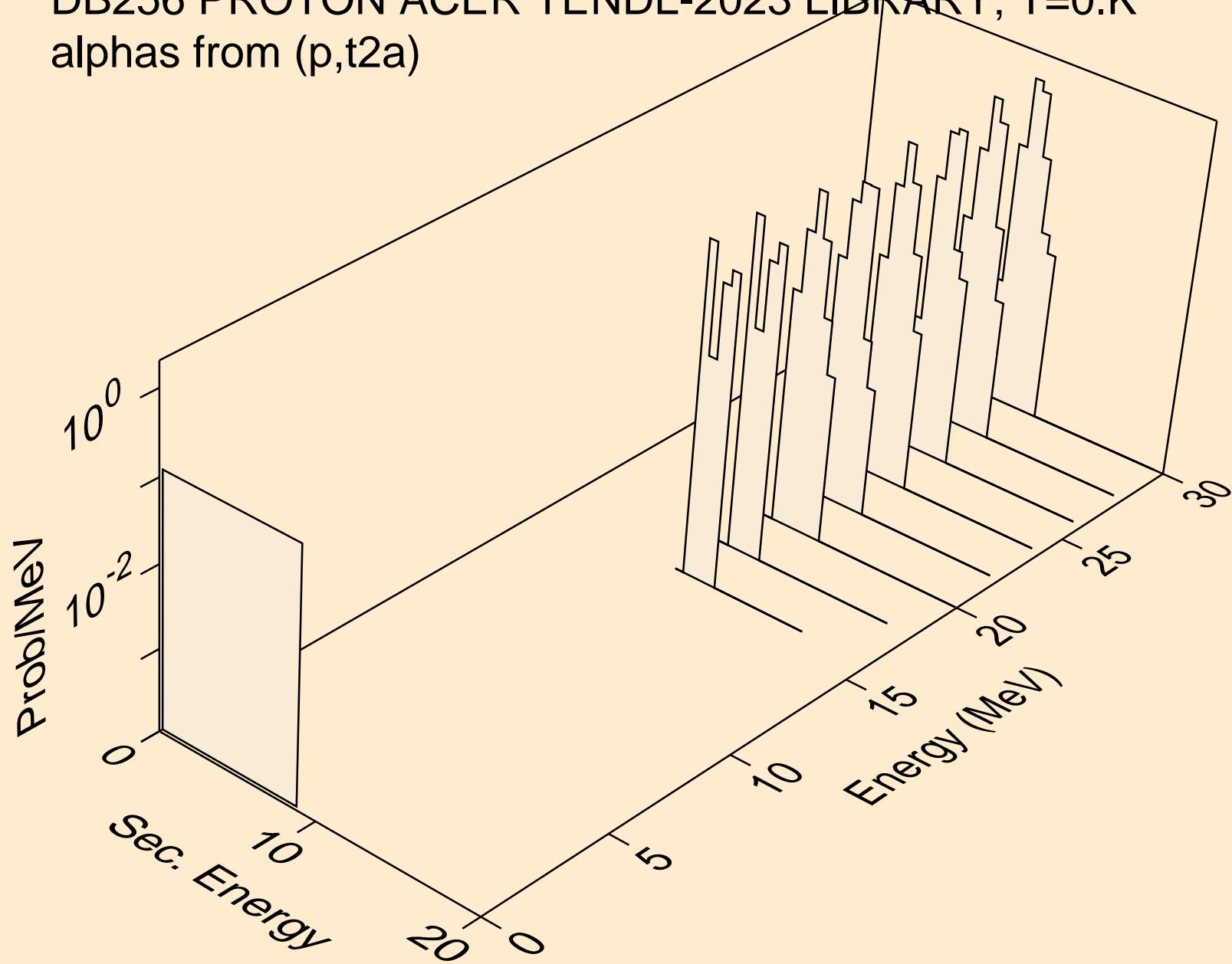
DB256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2a)



DB256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,pa)



DB256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,t2a)



DB256 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,da)

