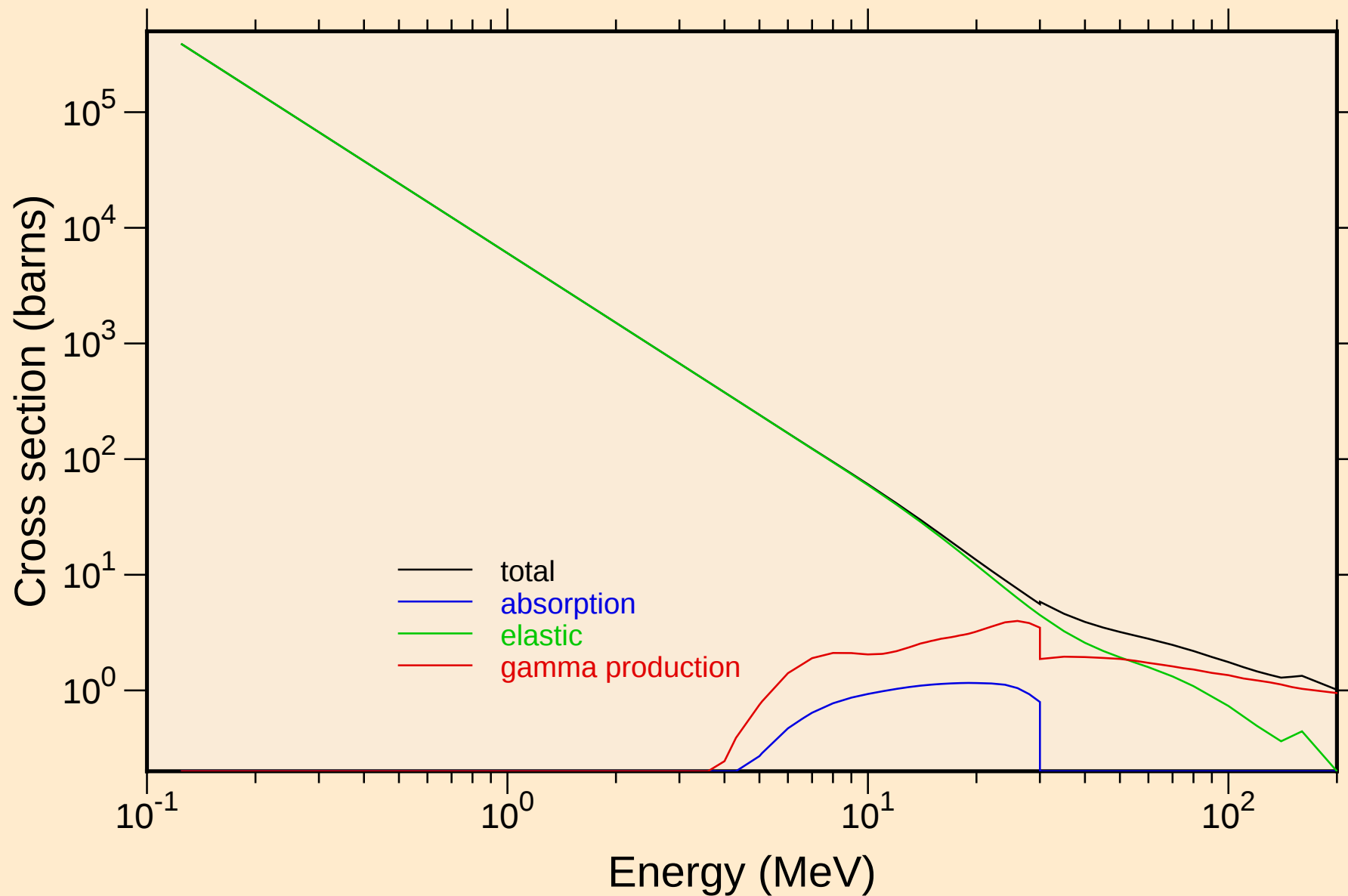


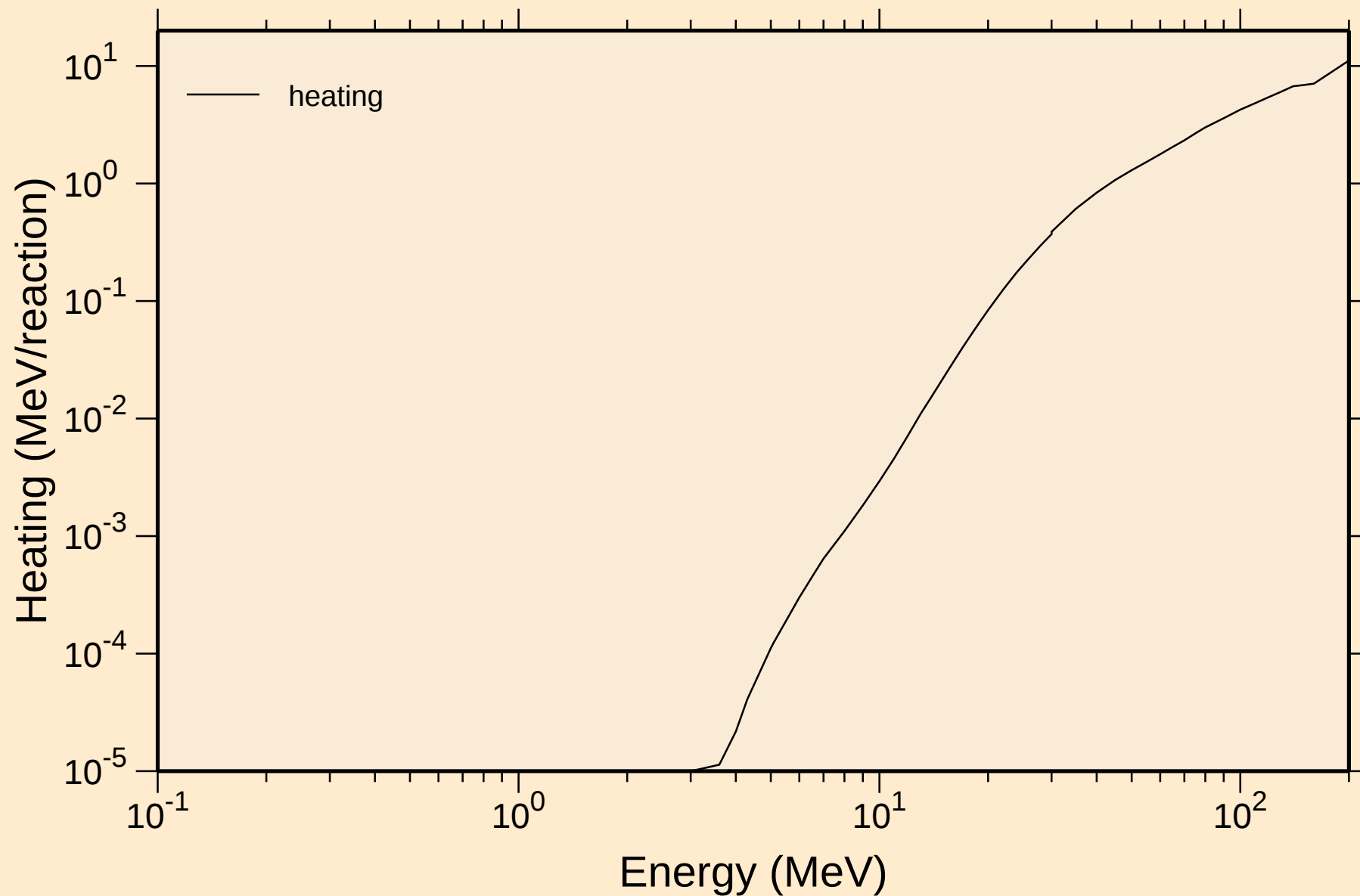
# GA081 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



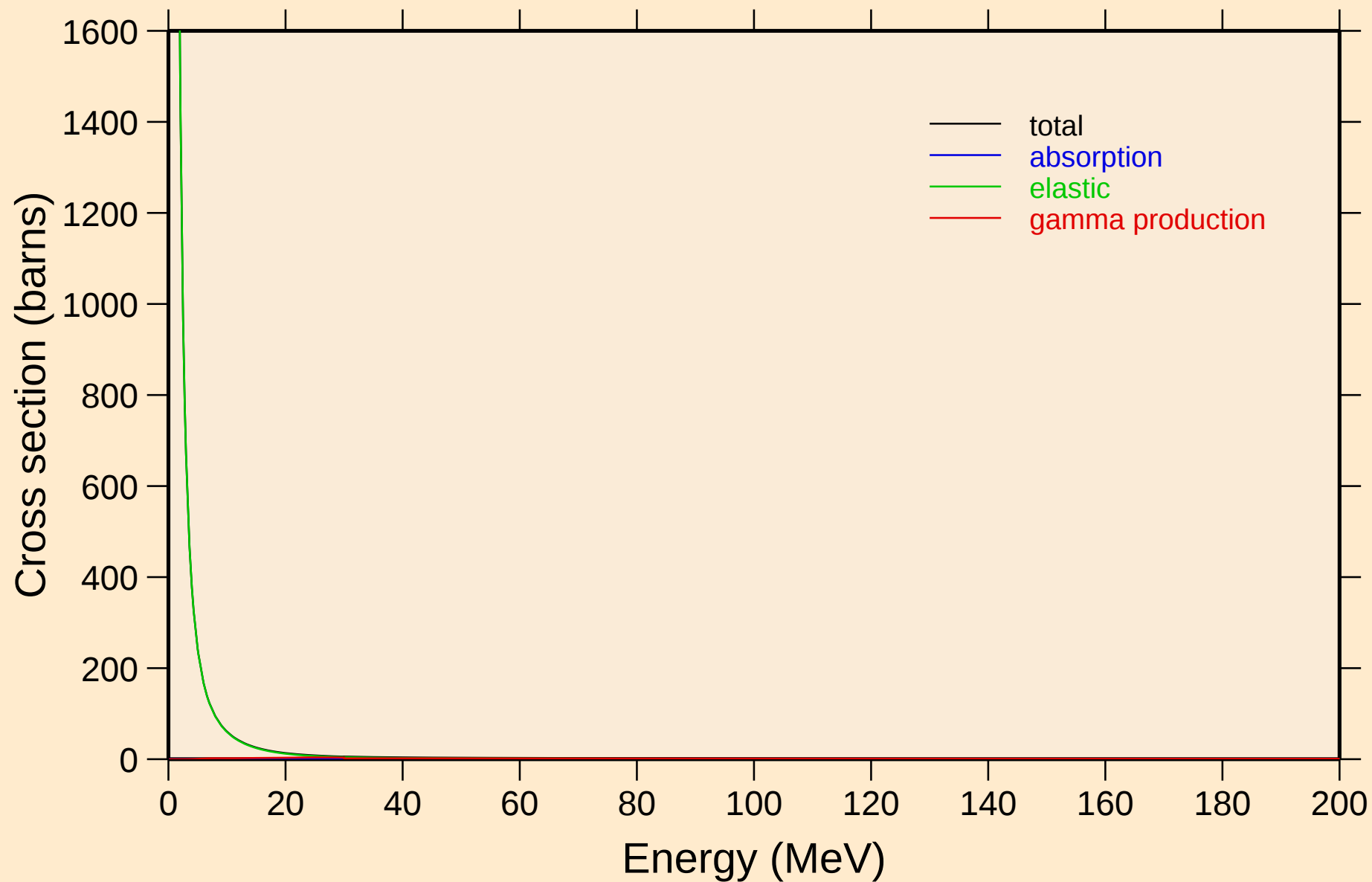
# GA081 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Heating



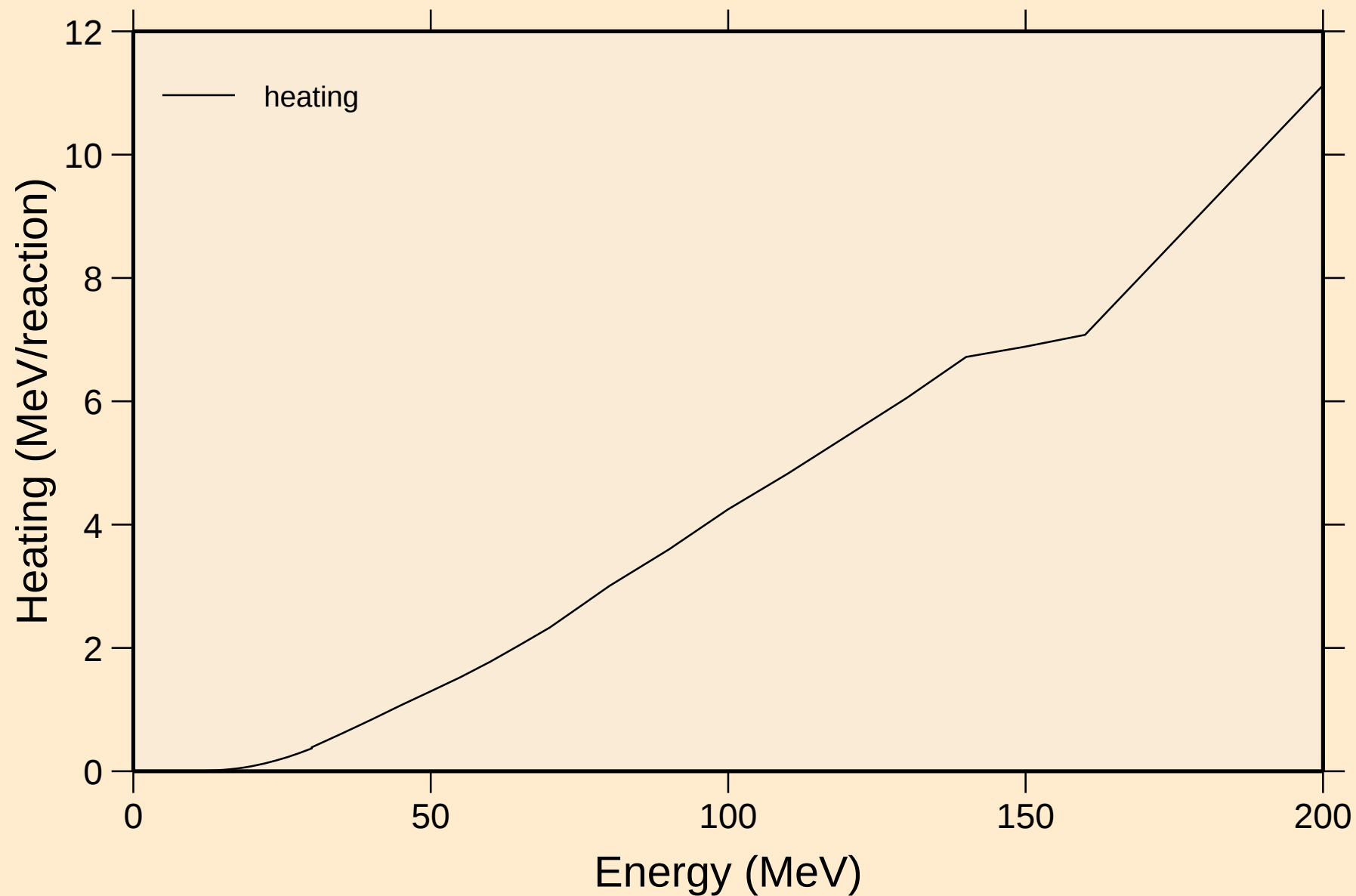
# GA081 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



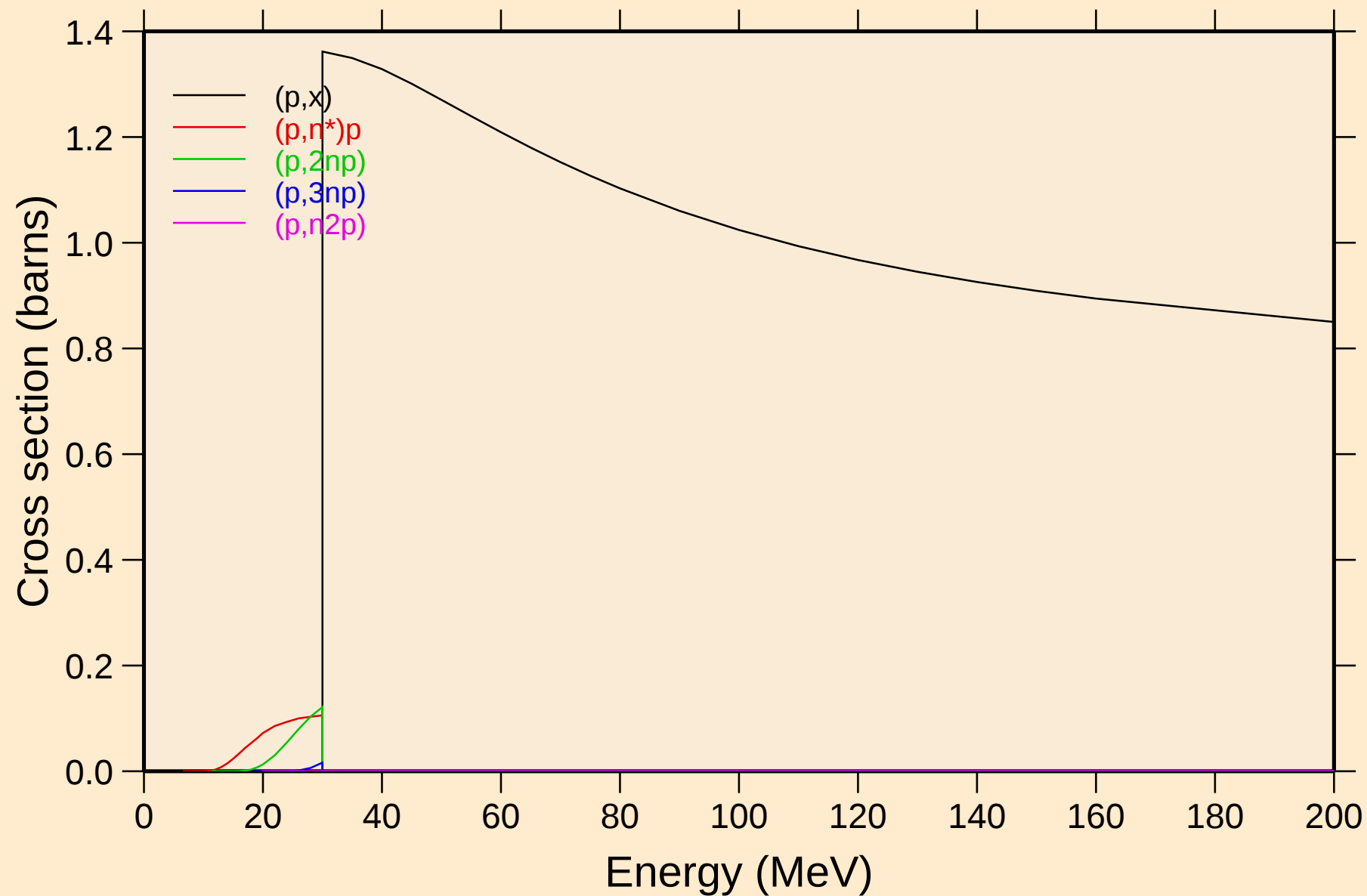
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Heating



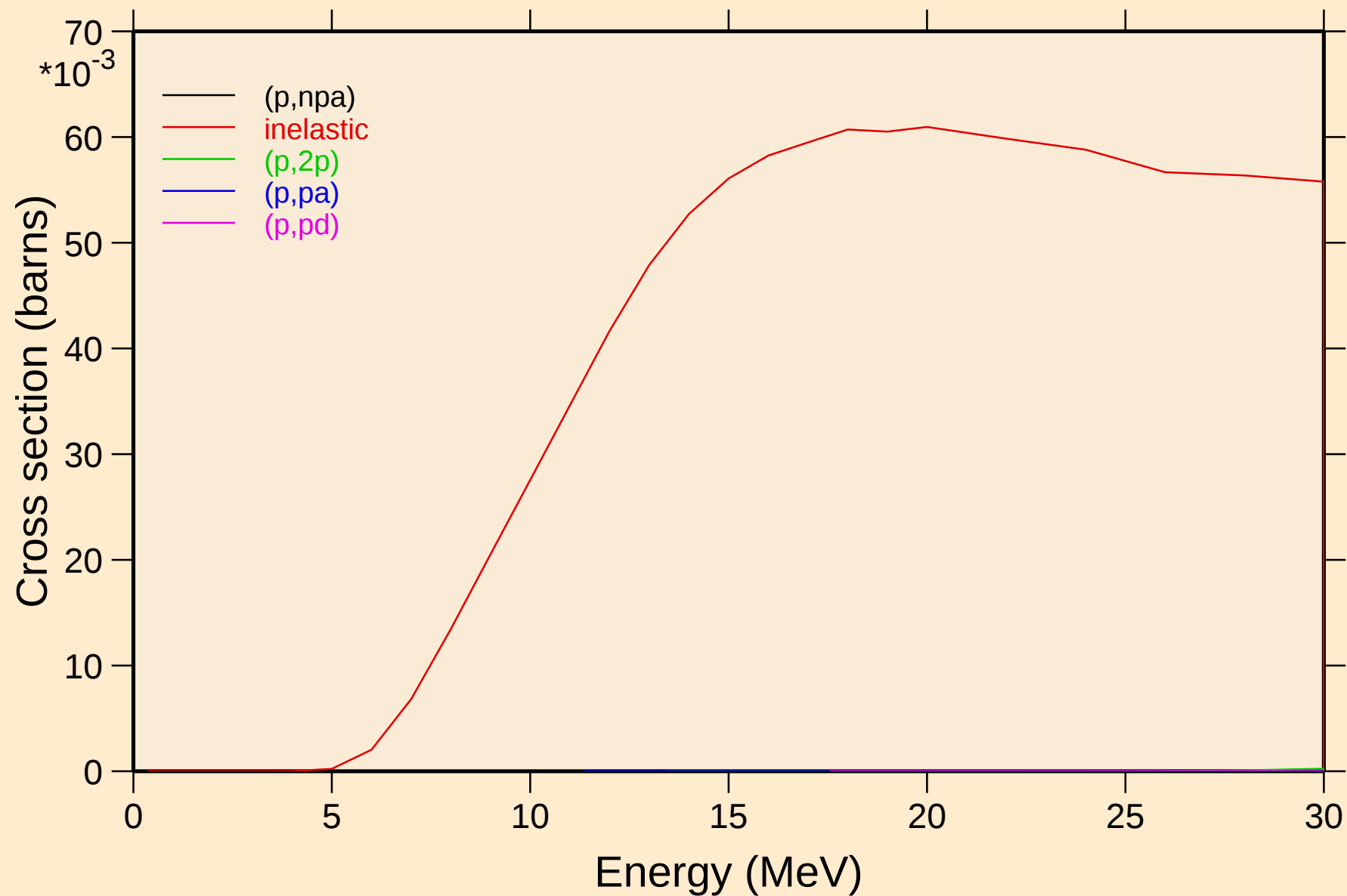
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Threshold reactions



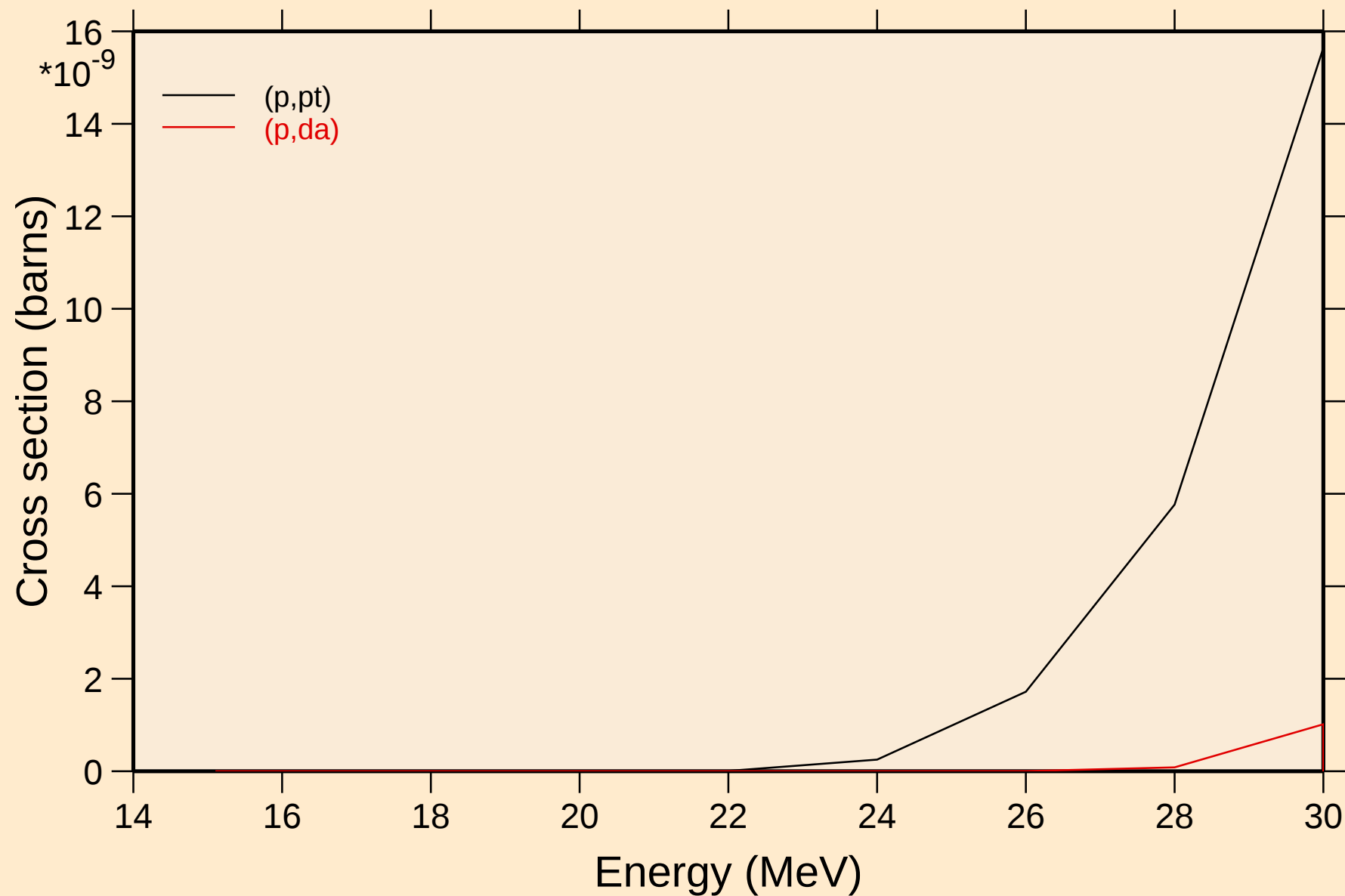
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Threshold reactions

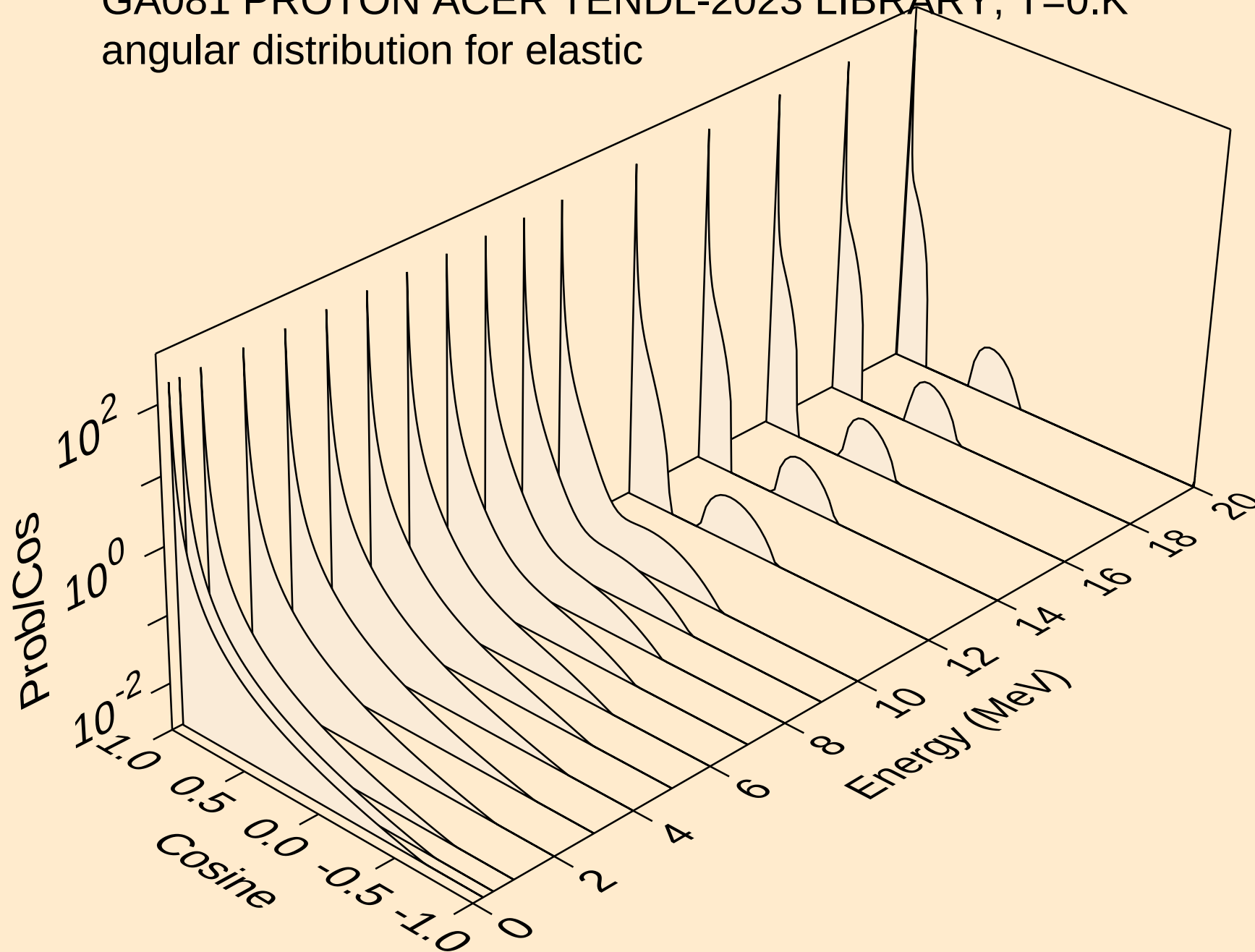


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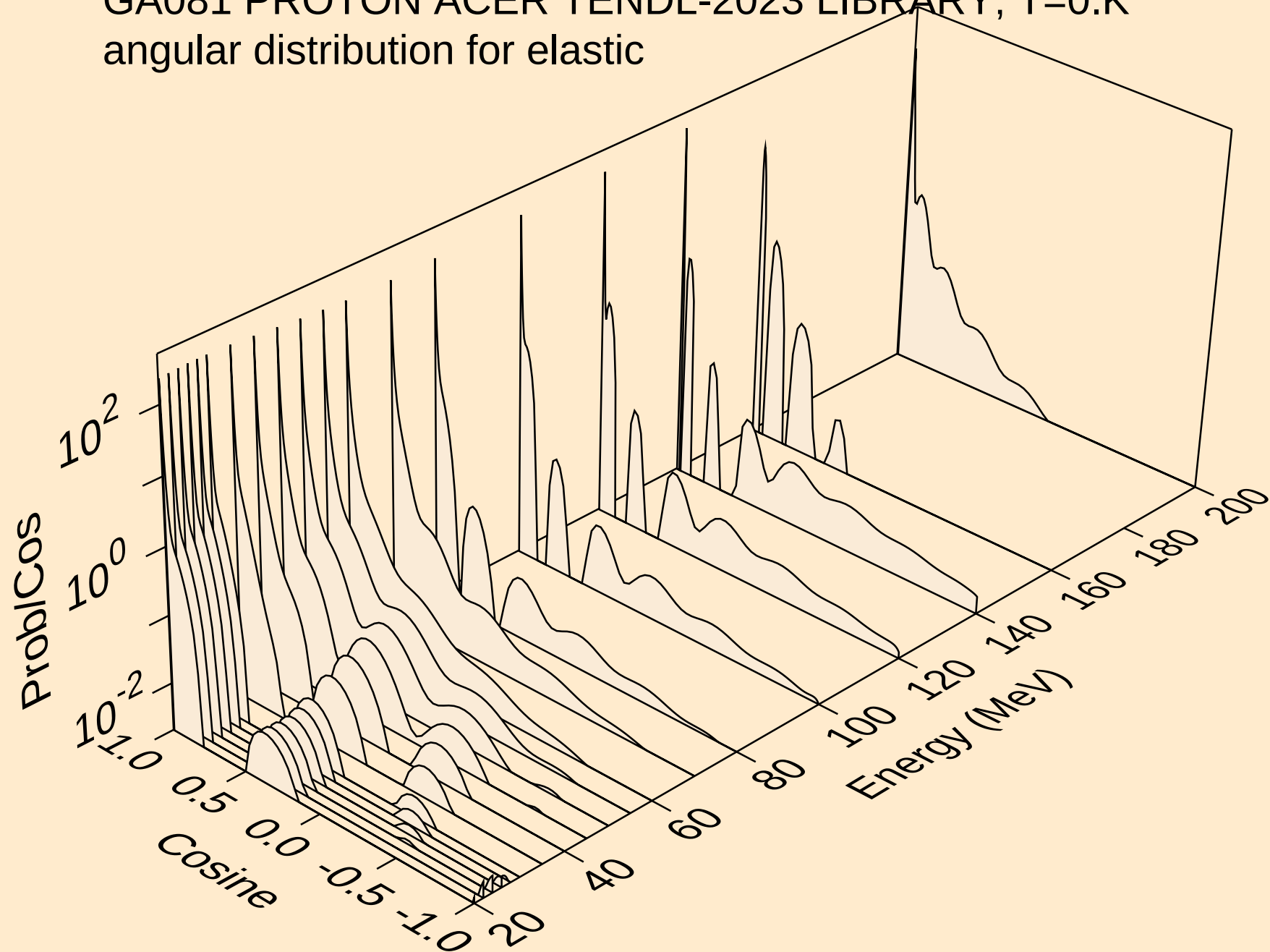
Threshold reactions



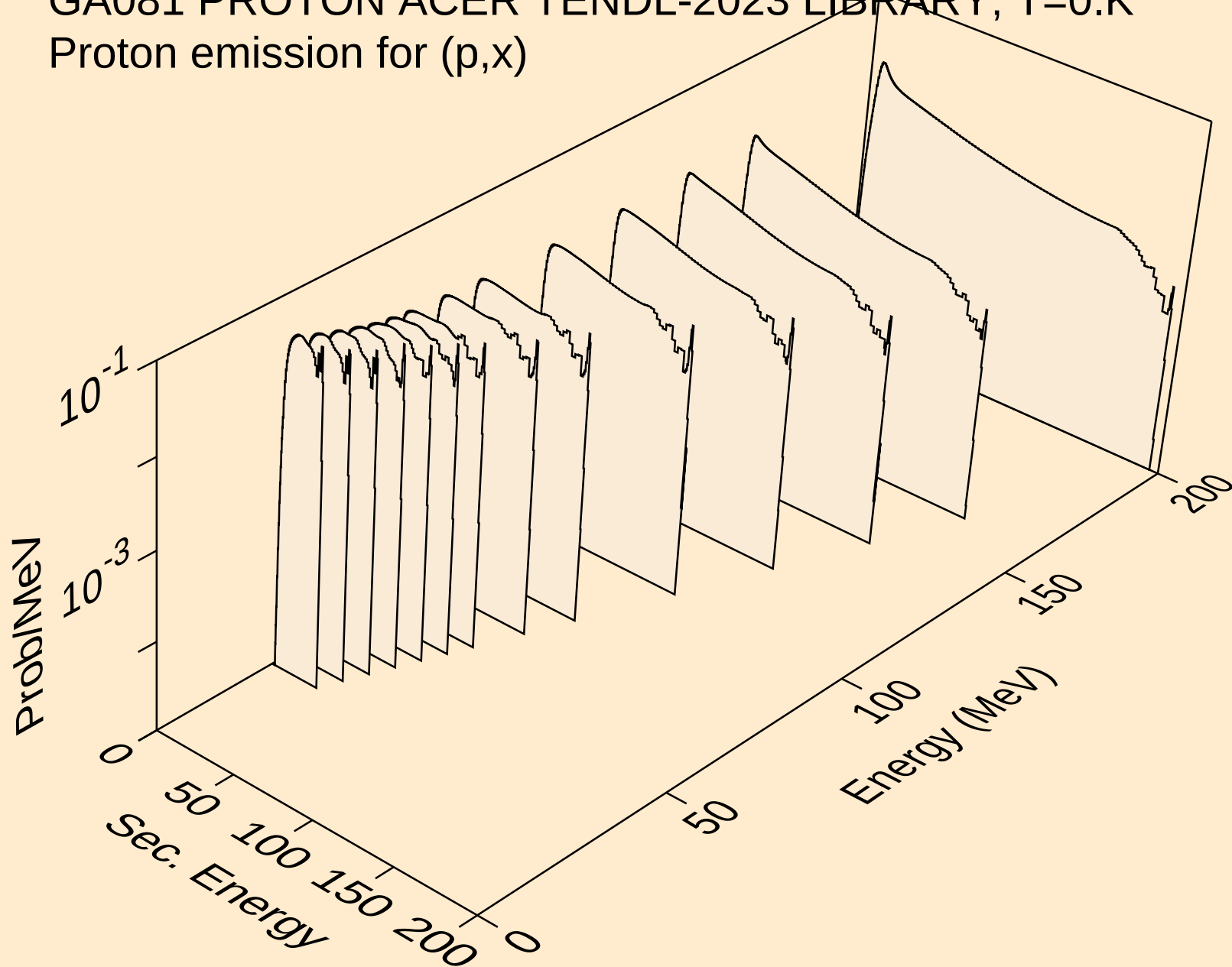
GA081 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



GA081 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

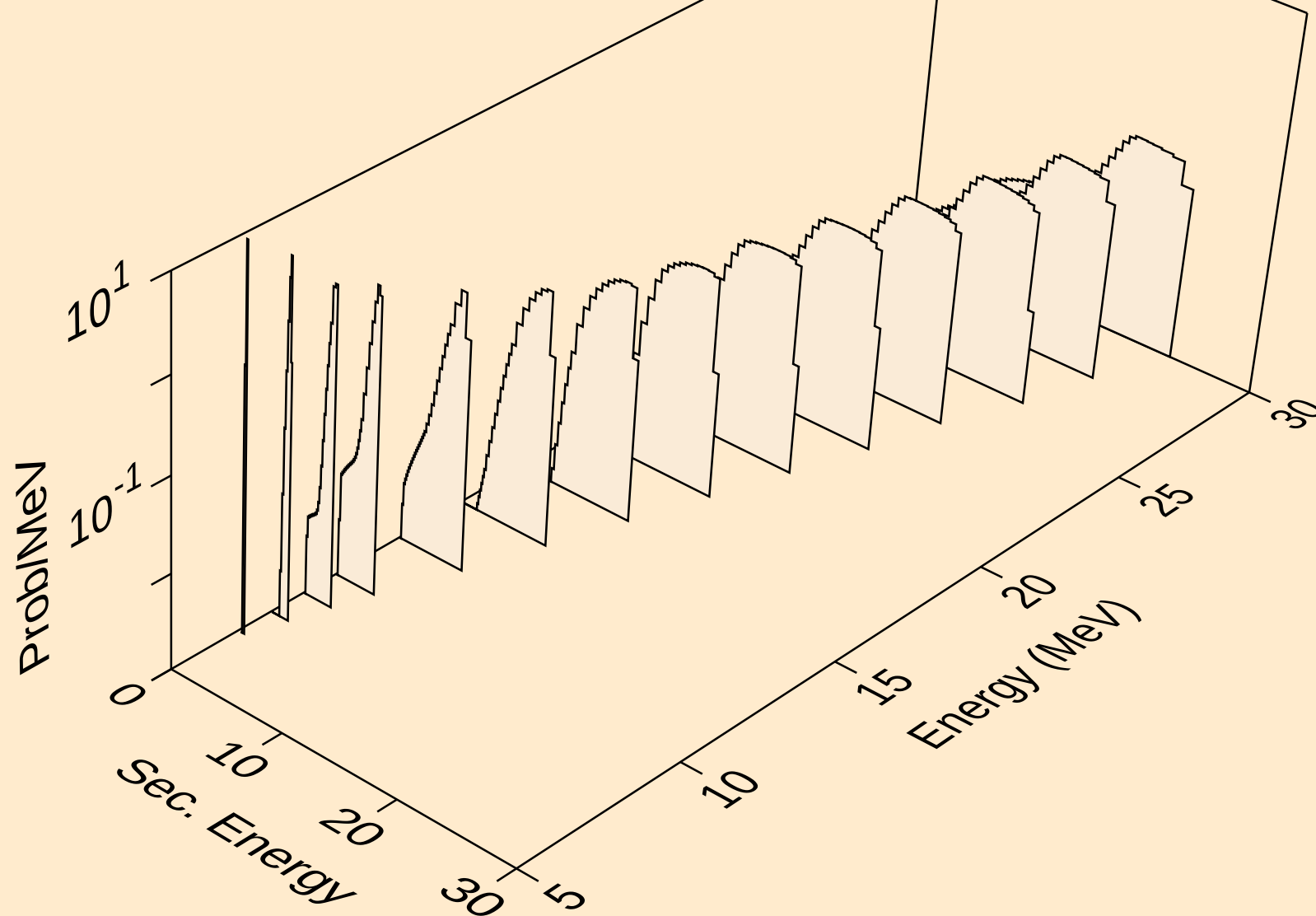


GA081 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)

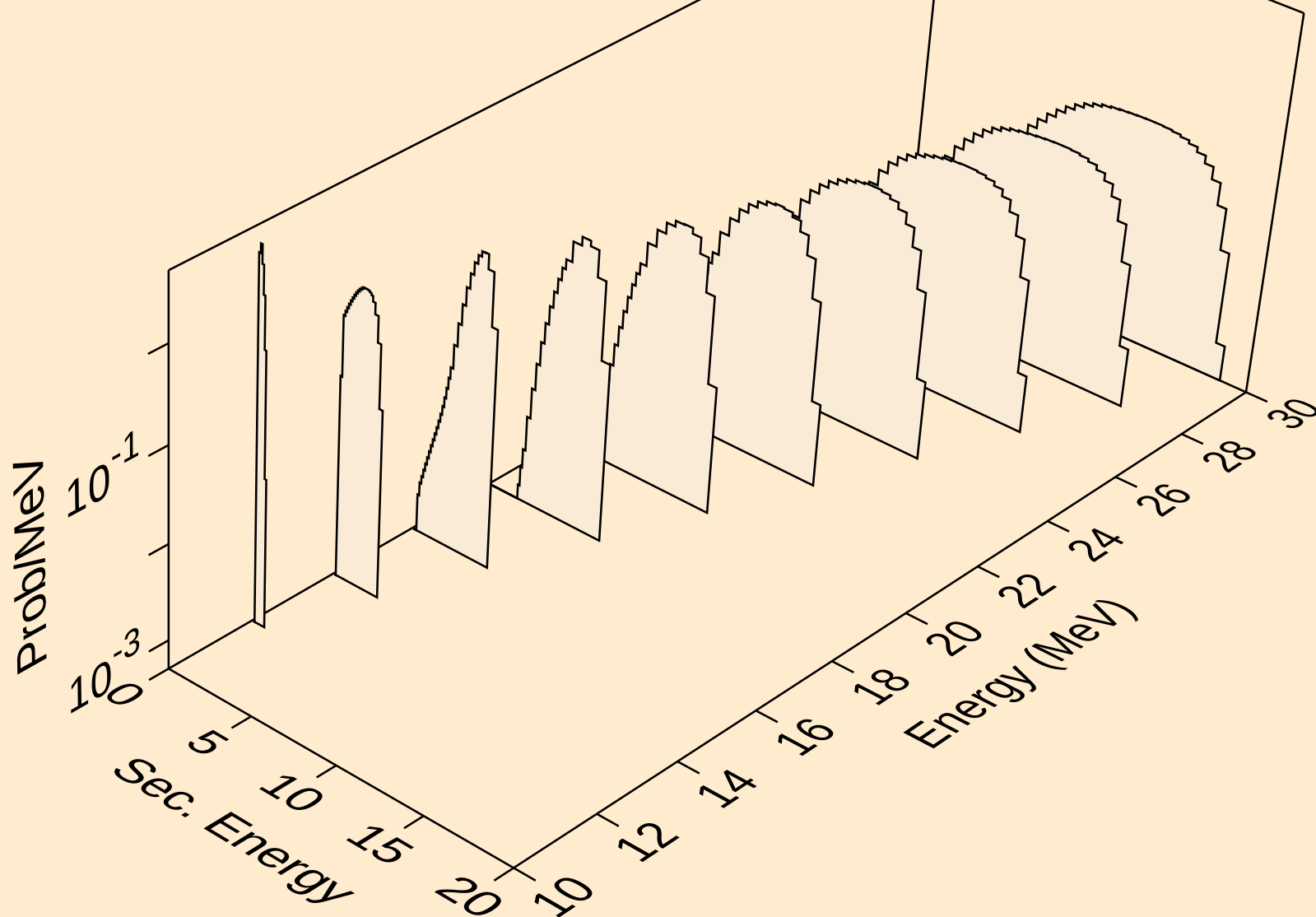


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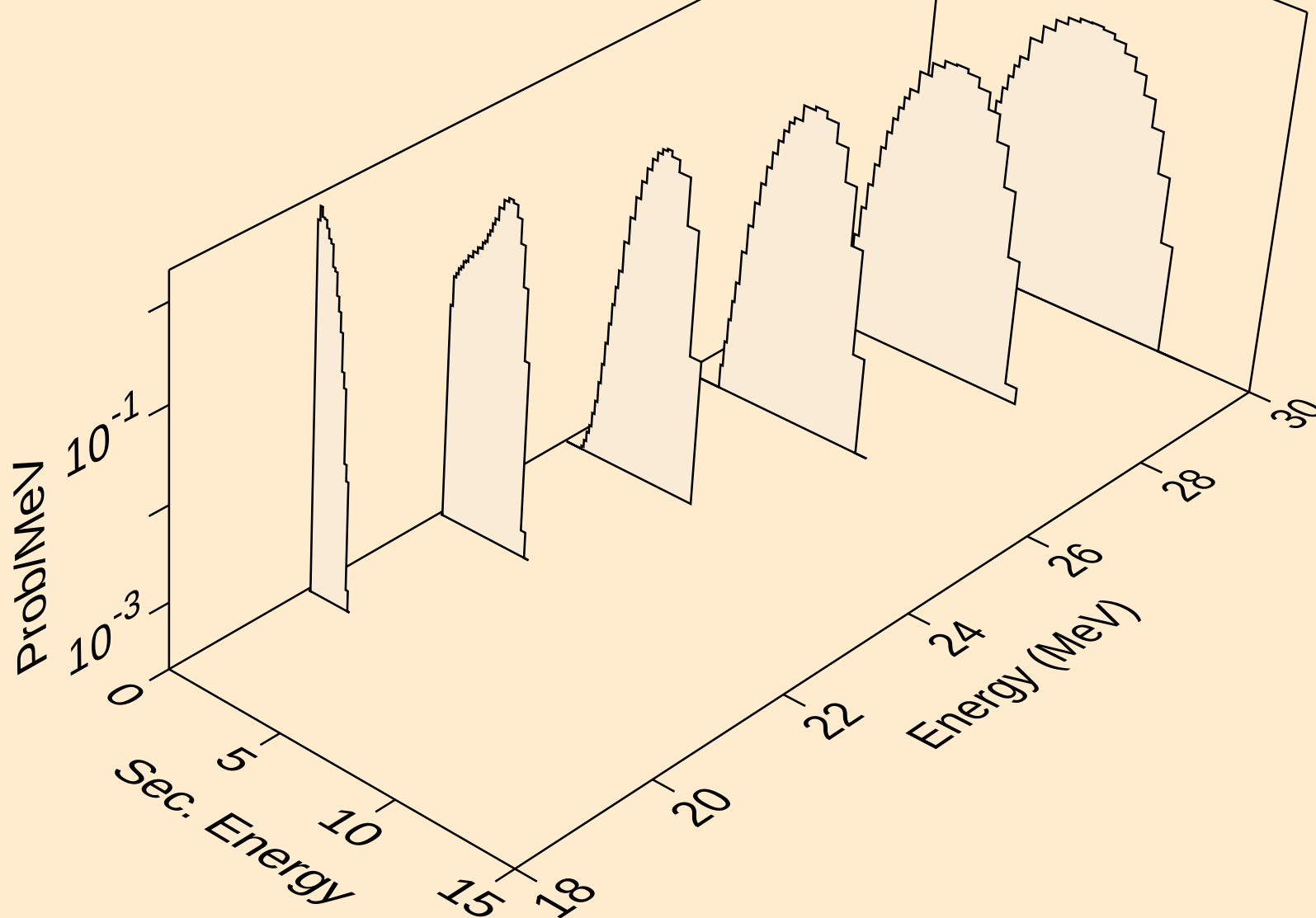
Proton emission for (p,n\*)p



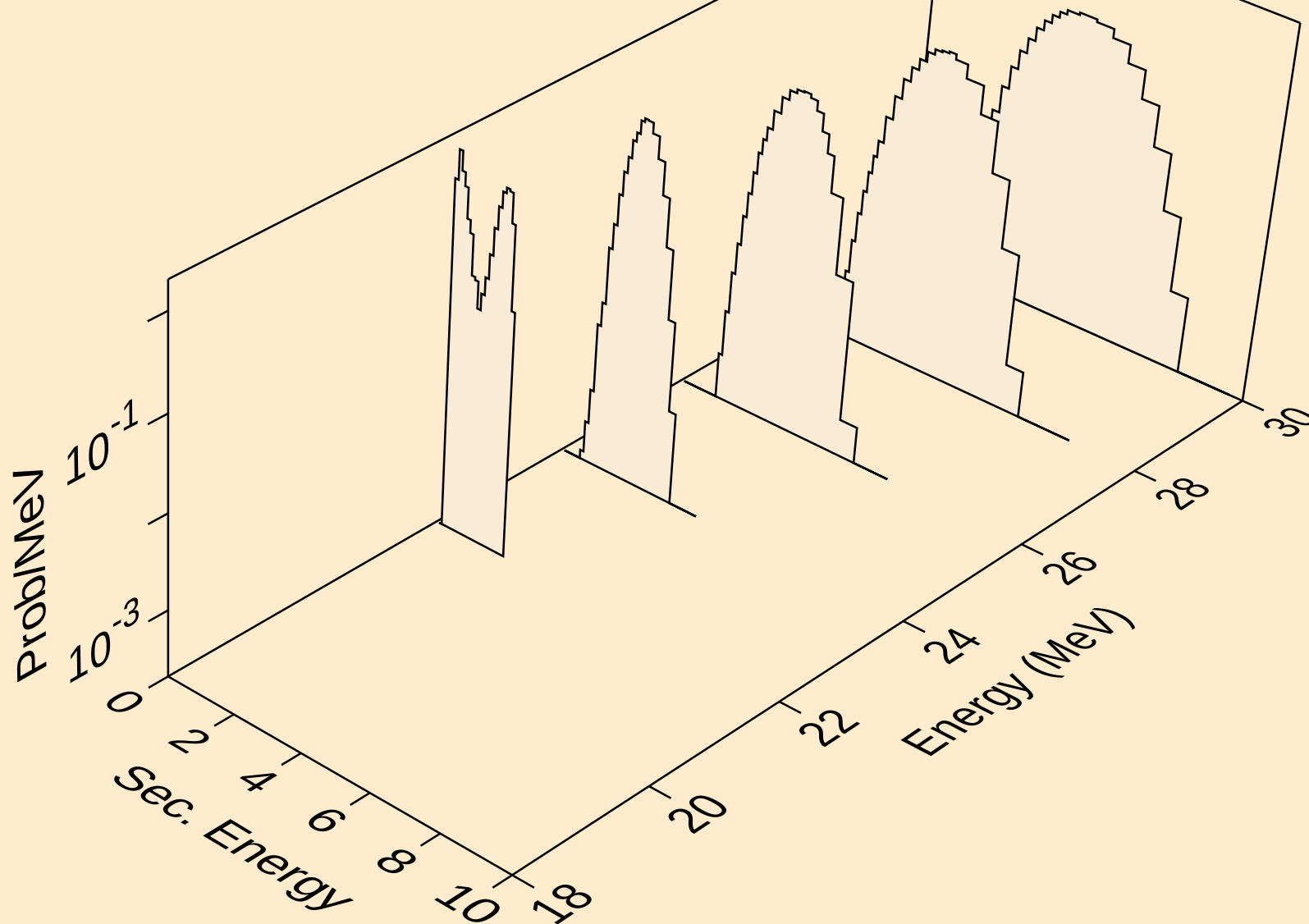
GA081 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



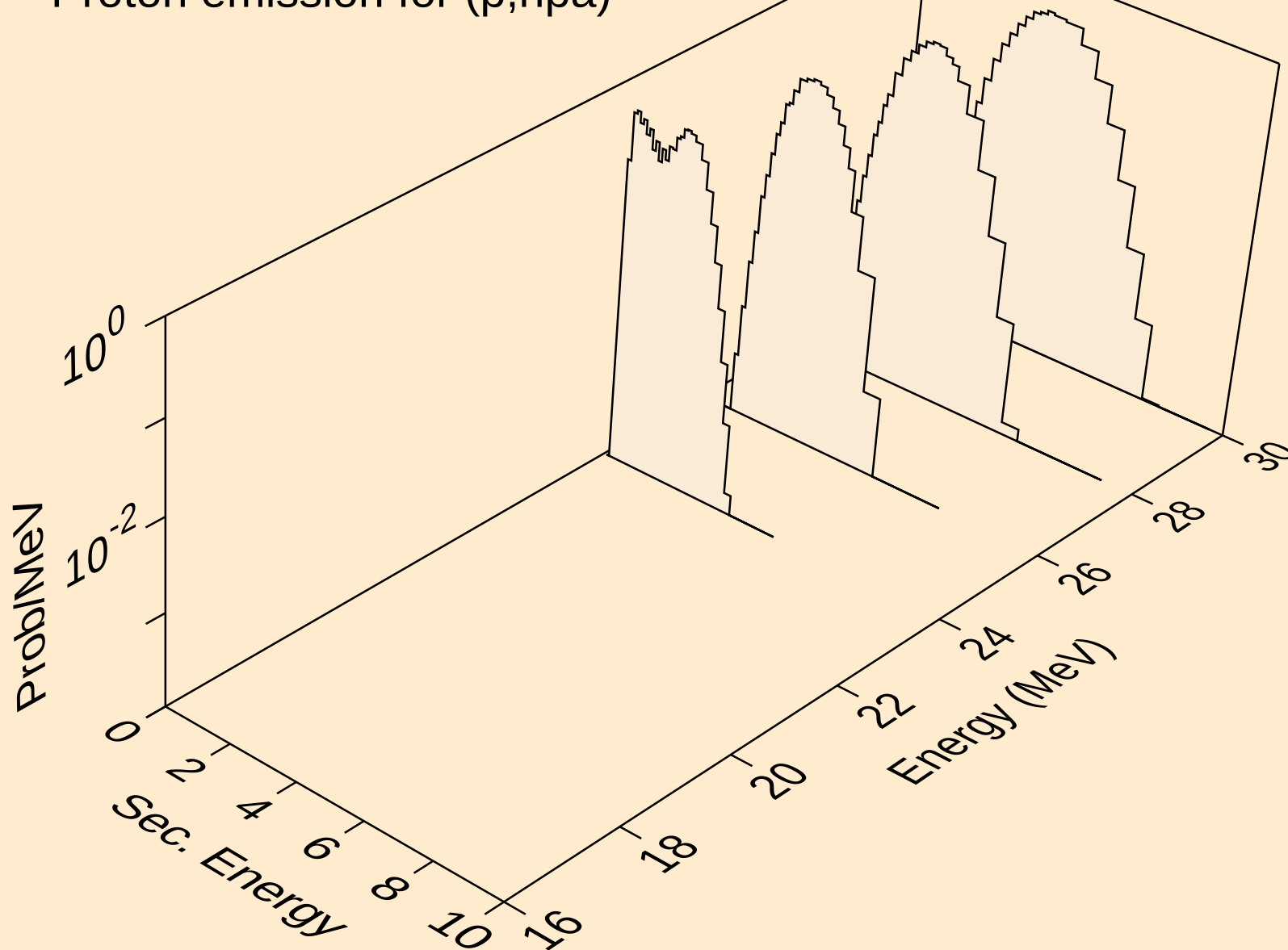
GA081 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,3np)



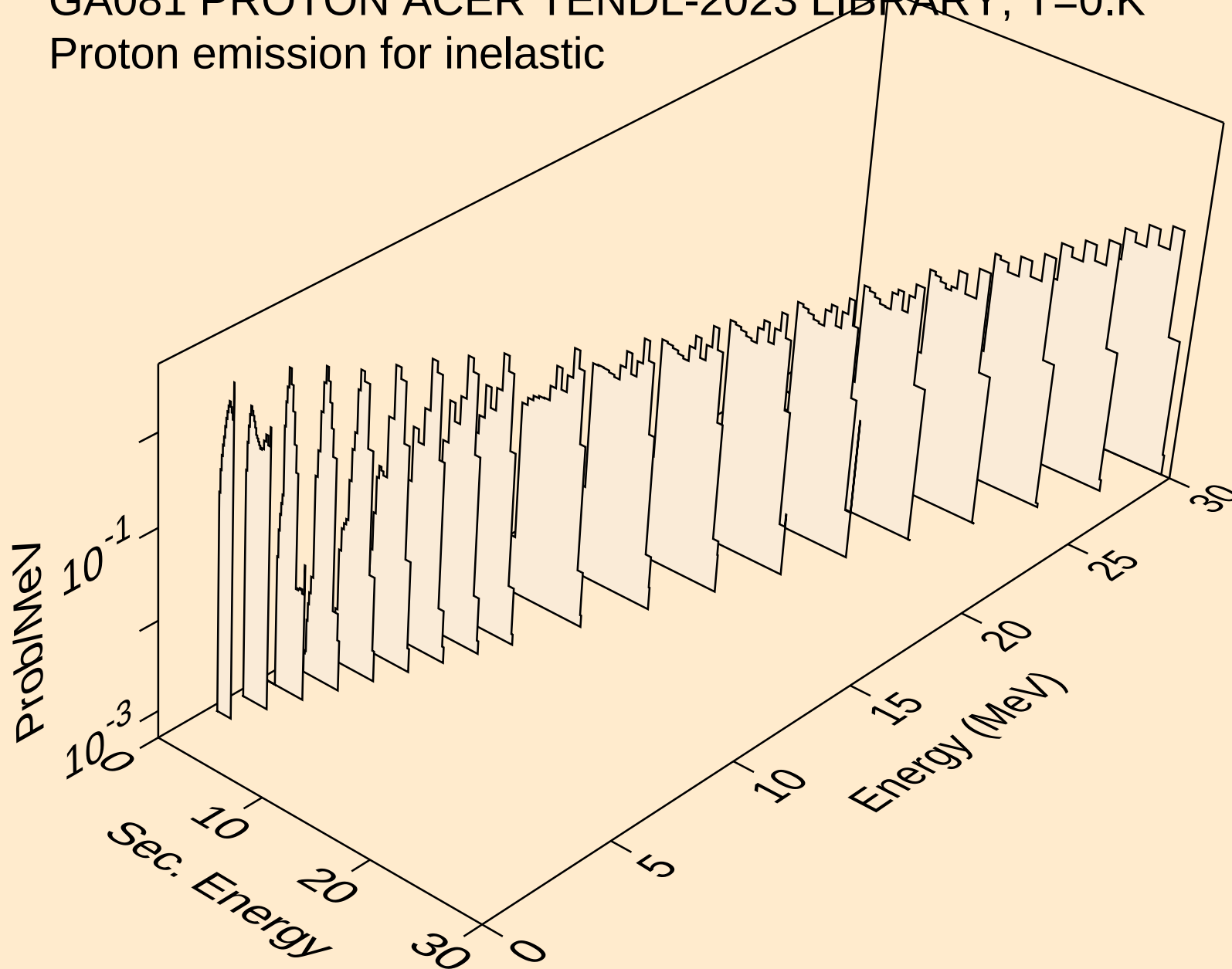
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Proton emission for (p,n2p)



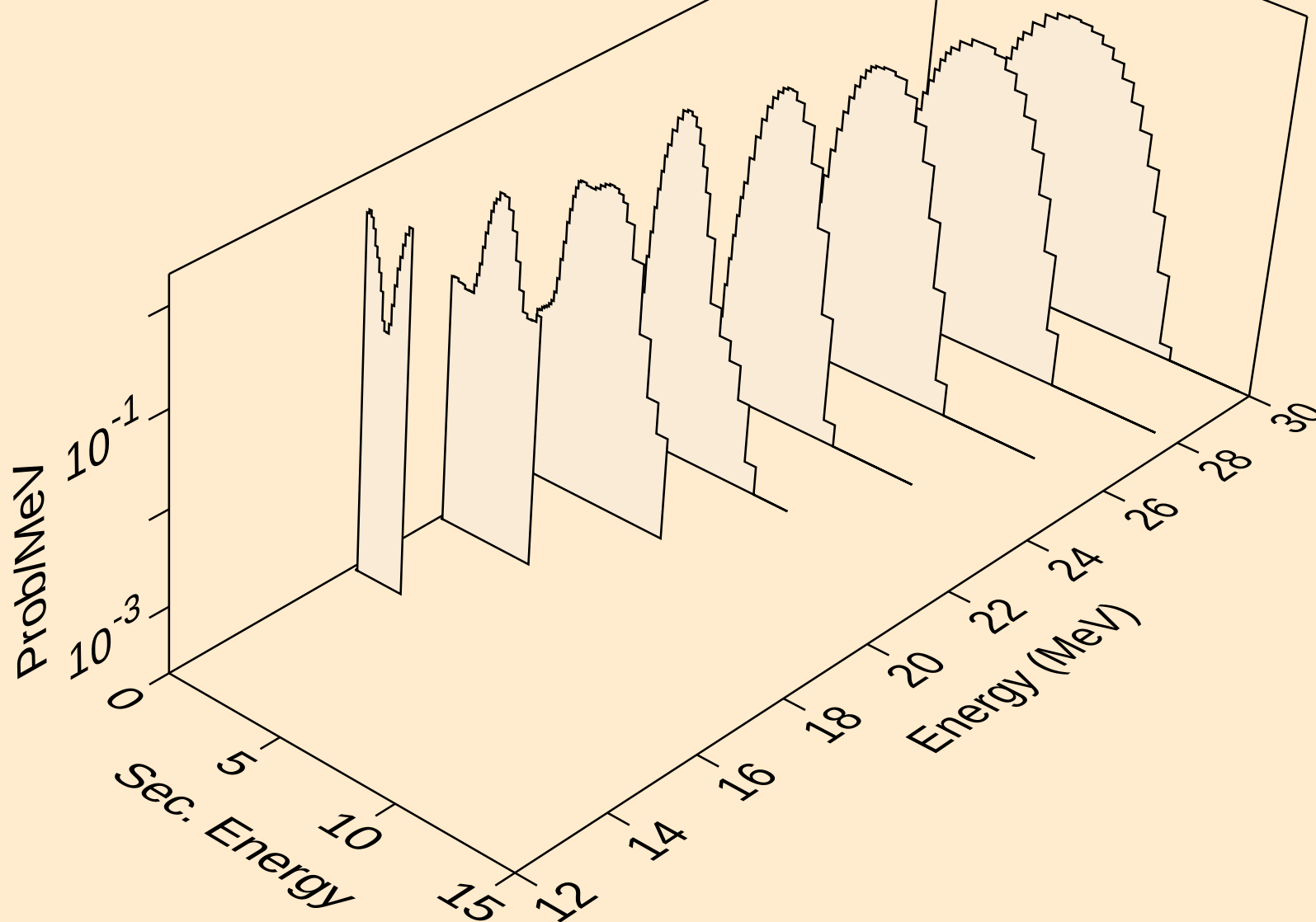
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Proton emission for (p,npa)



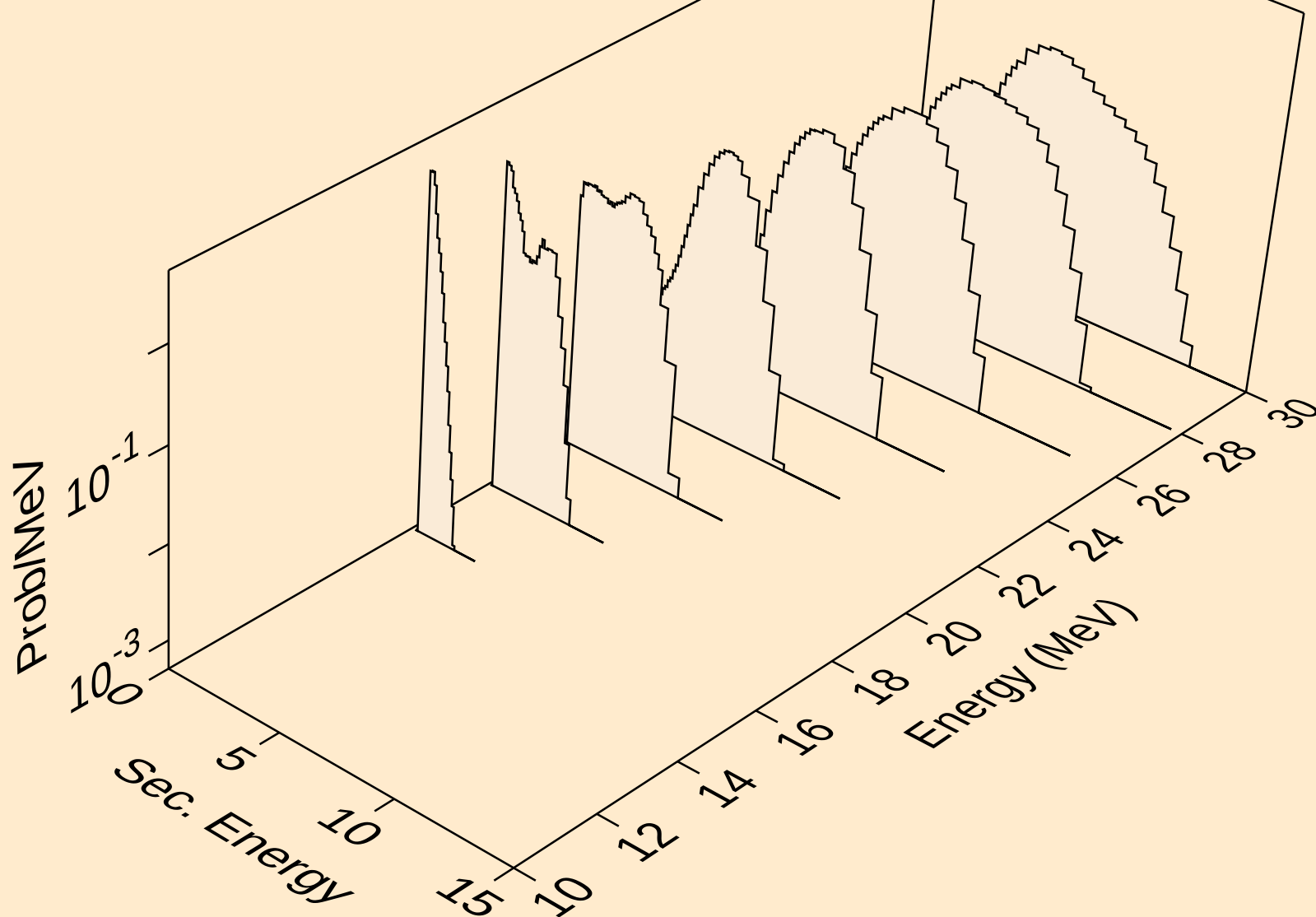
GA081 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic



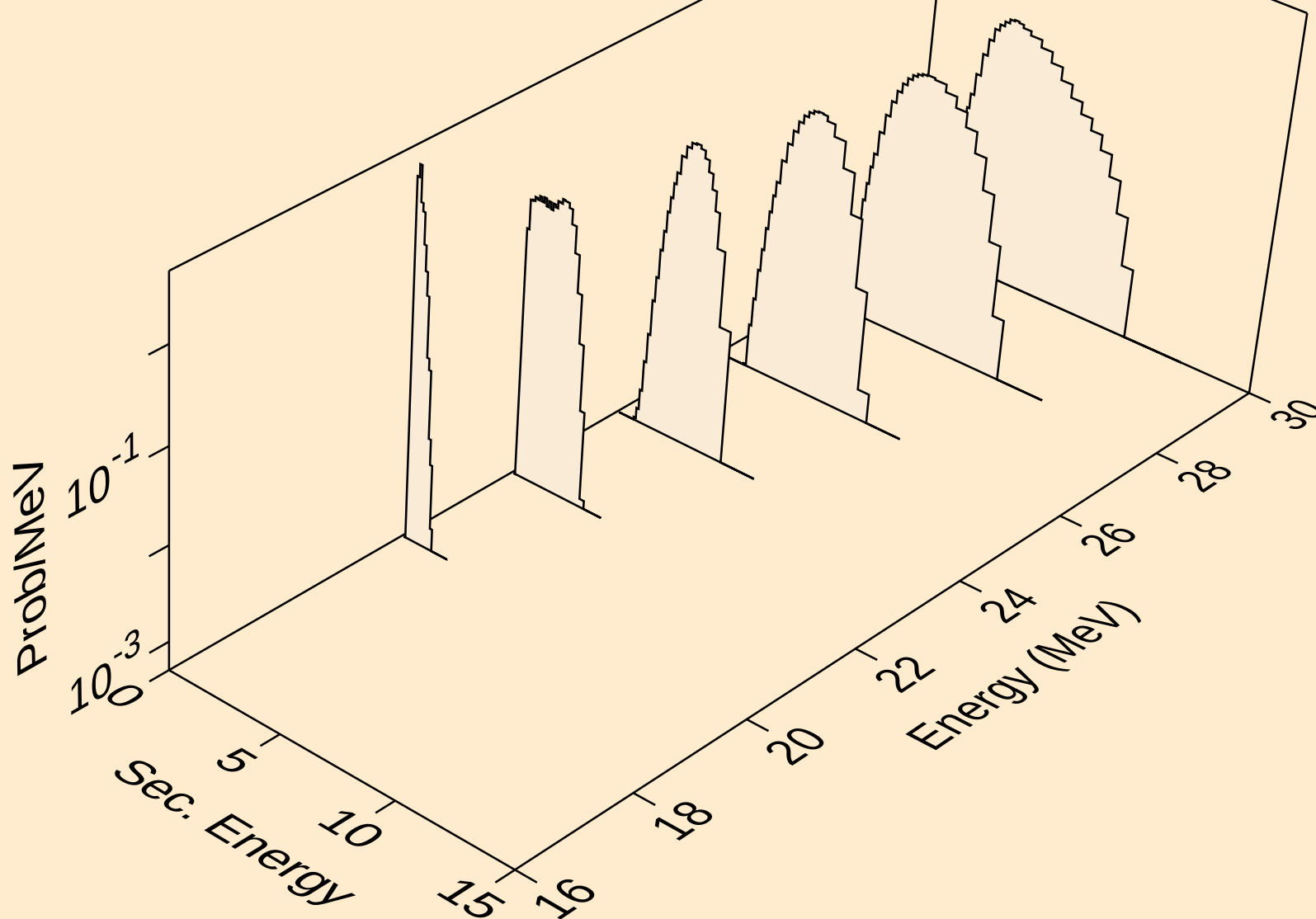
GA081 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)



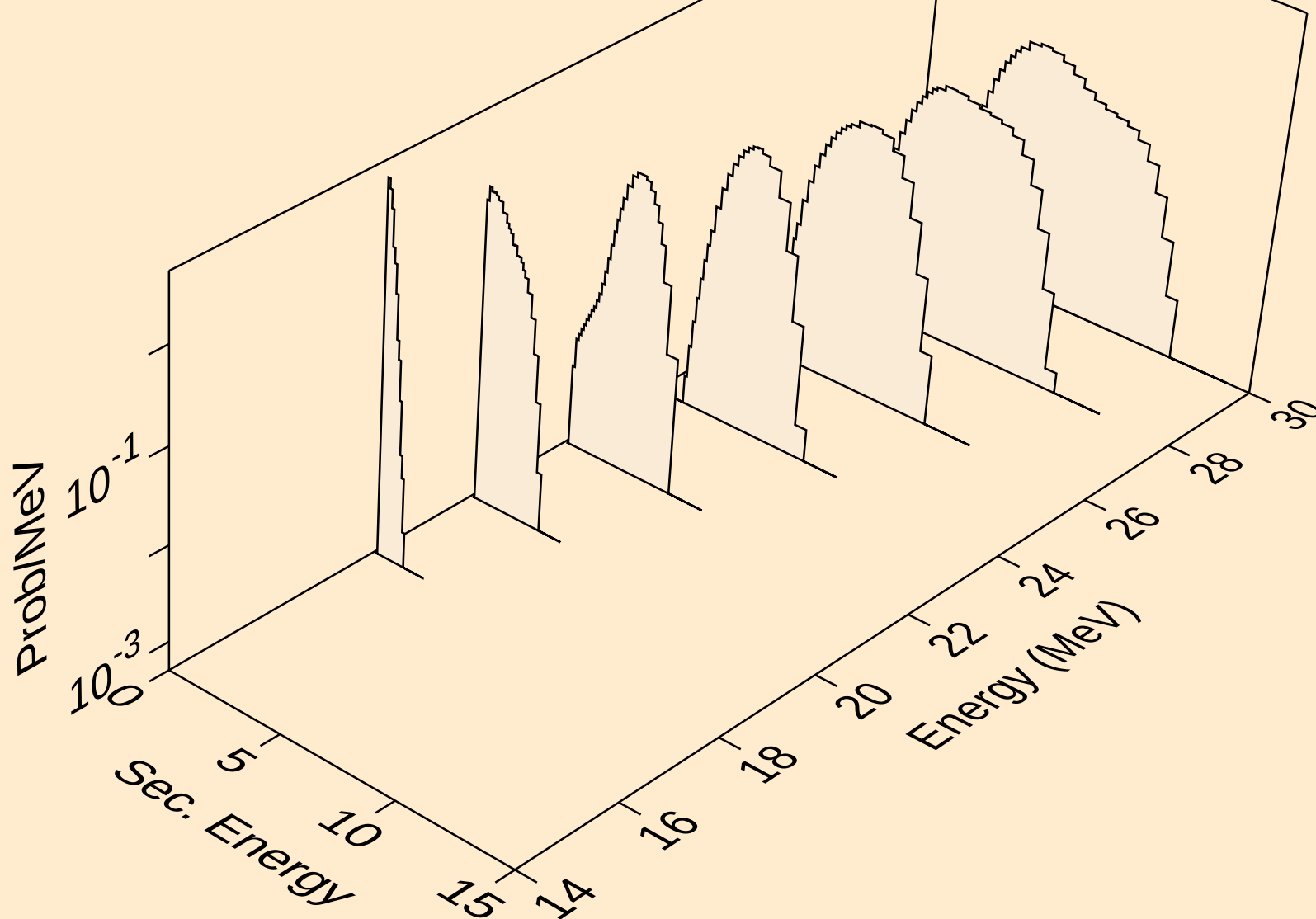
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Proton emission for (p,pa)



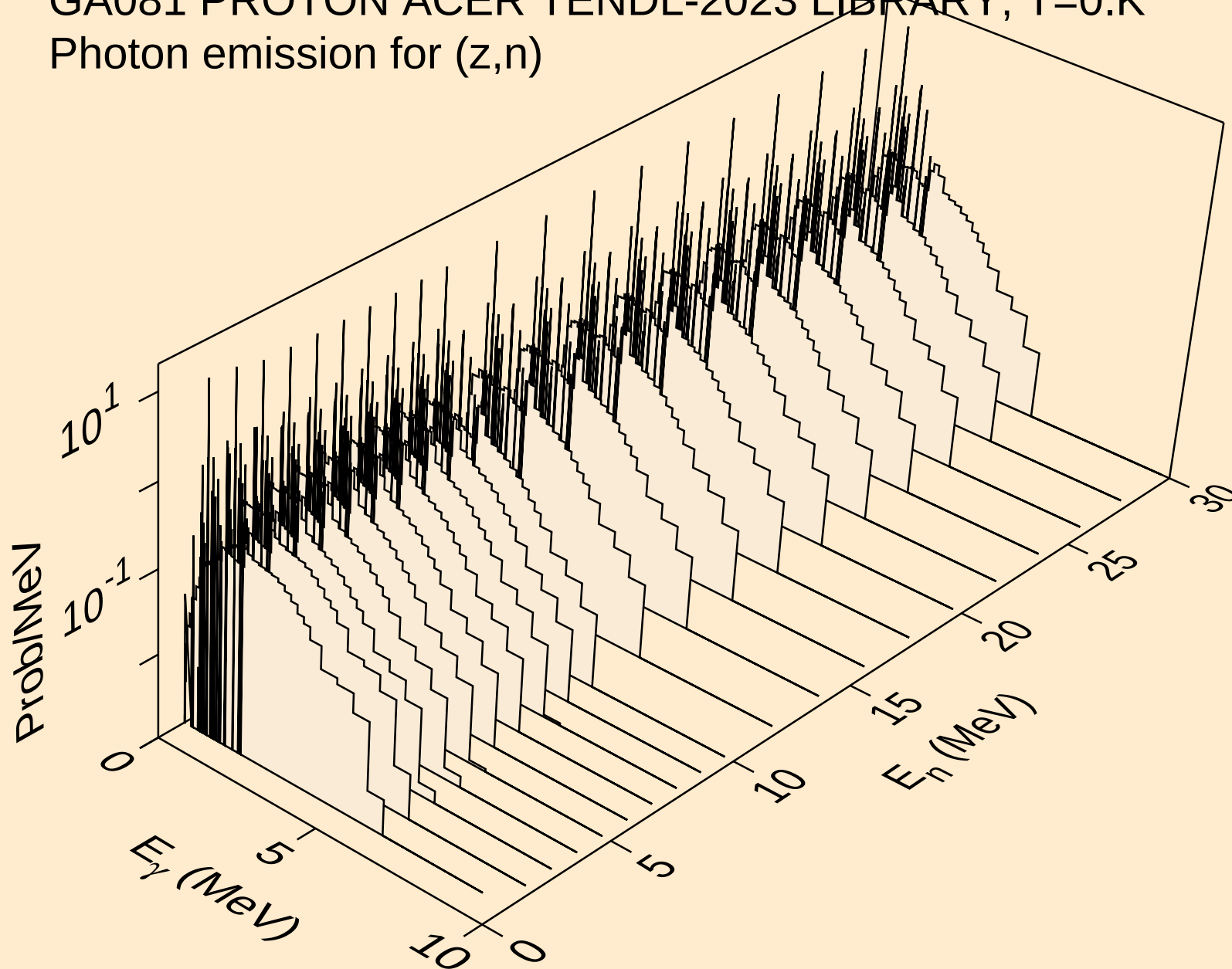
GA081 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pd)



GA081 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pt)

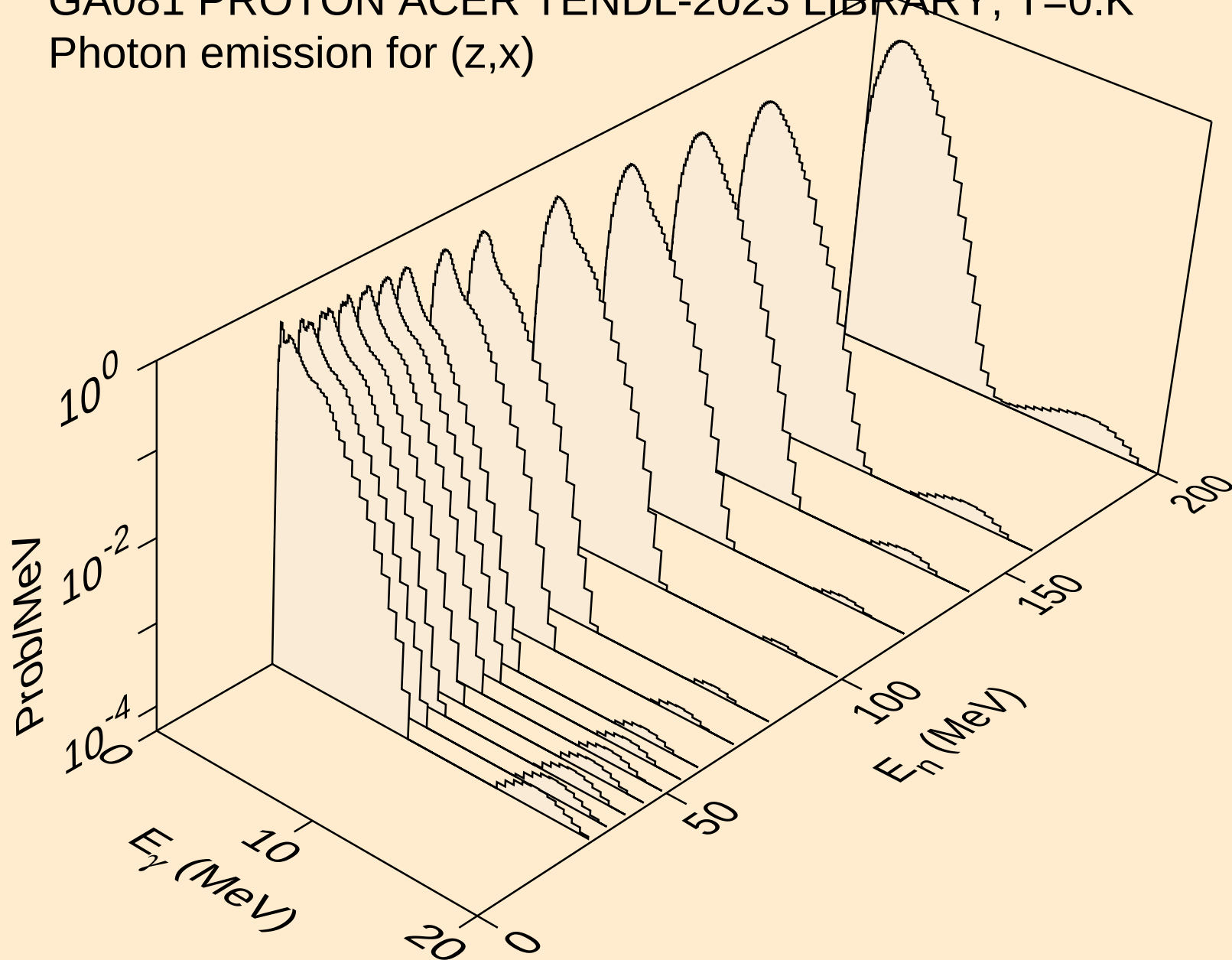


GA081 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)

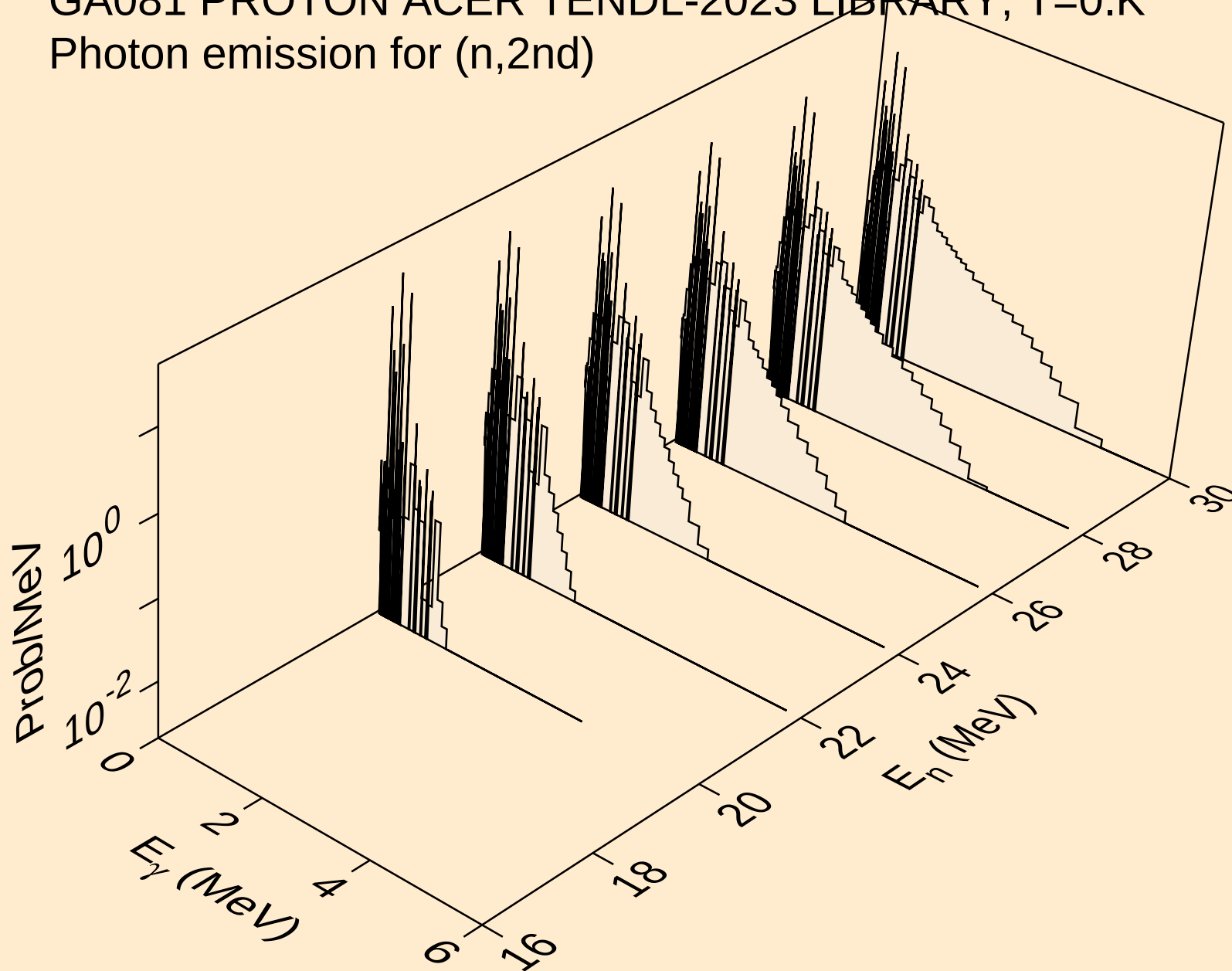


GA081 PROTON ACER TENDL-2023 LIBRARY; T=0.K

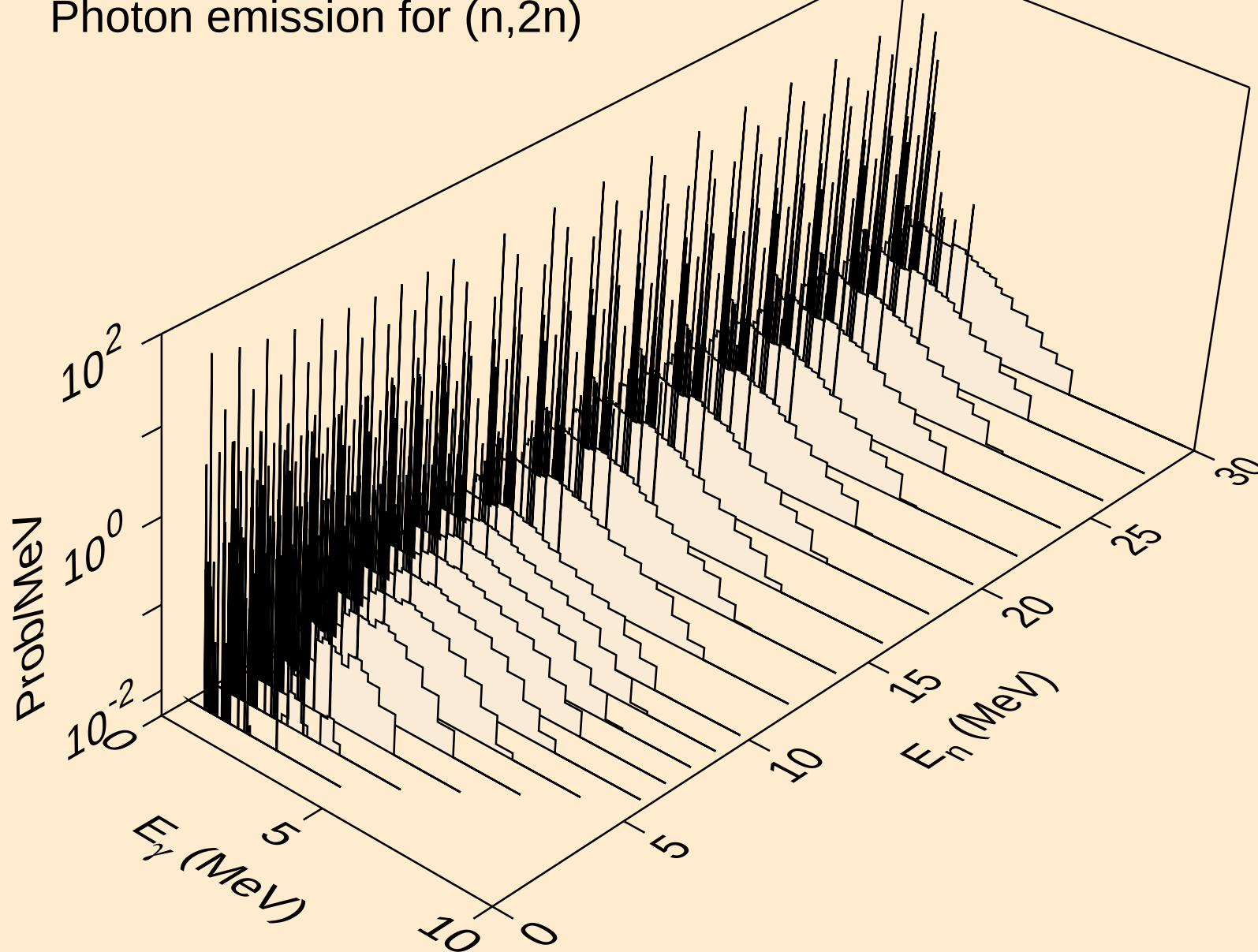
Photon emission for (z,x)



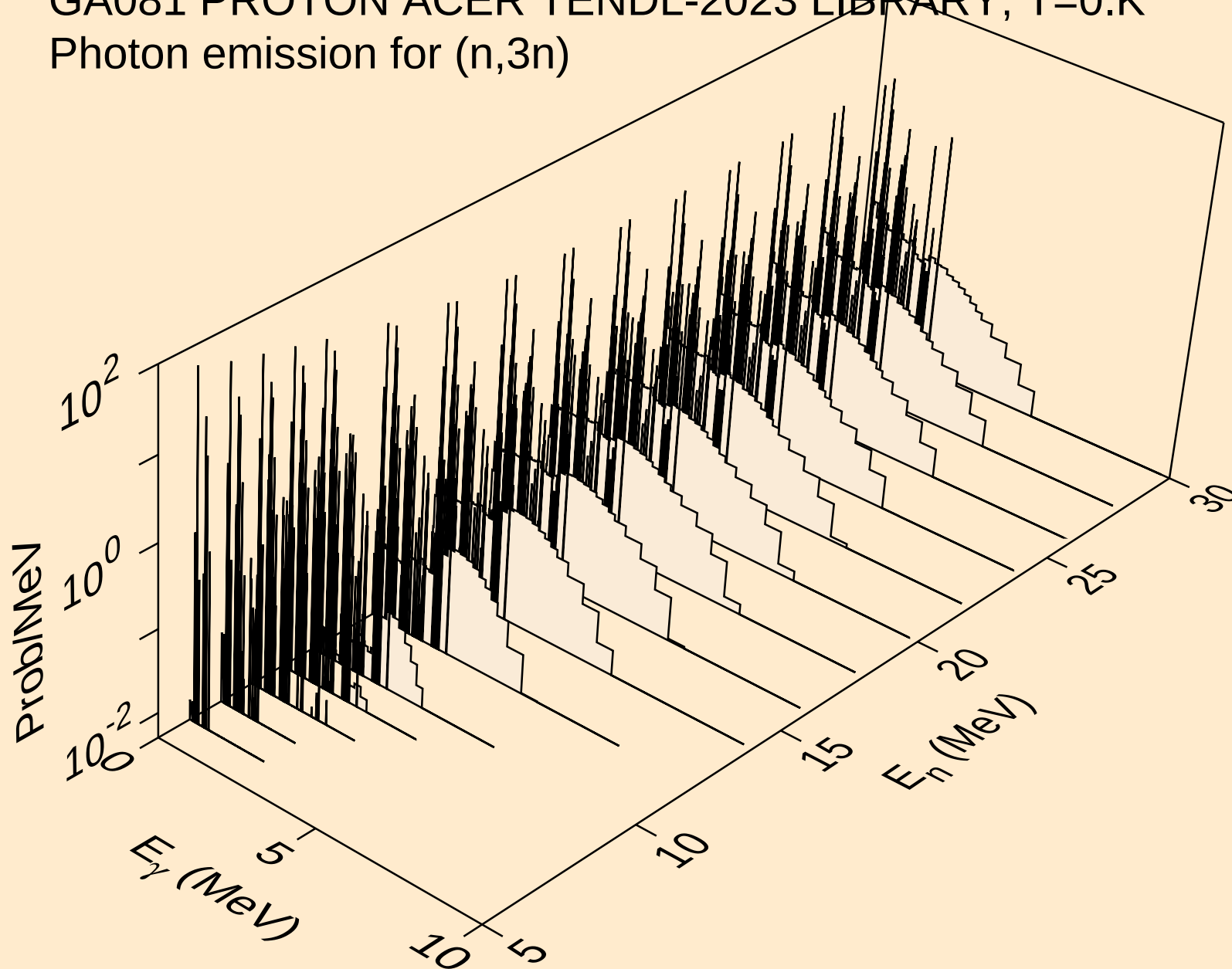
GA081 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



GA081 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

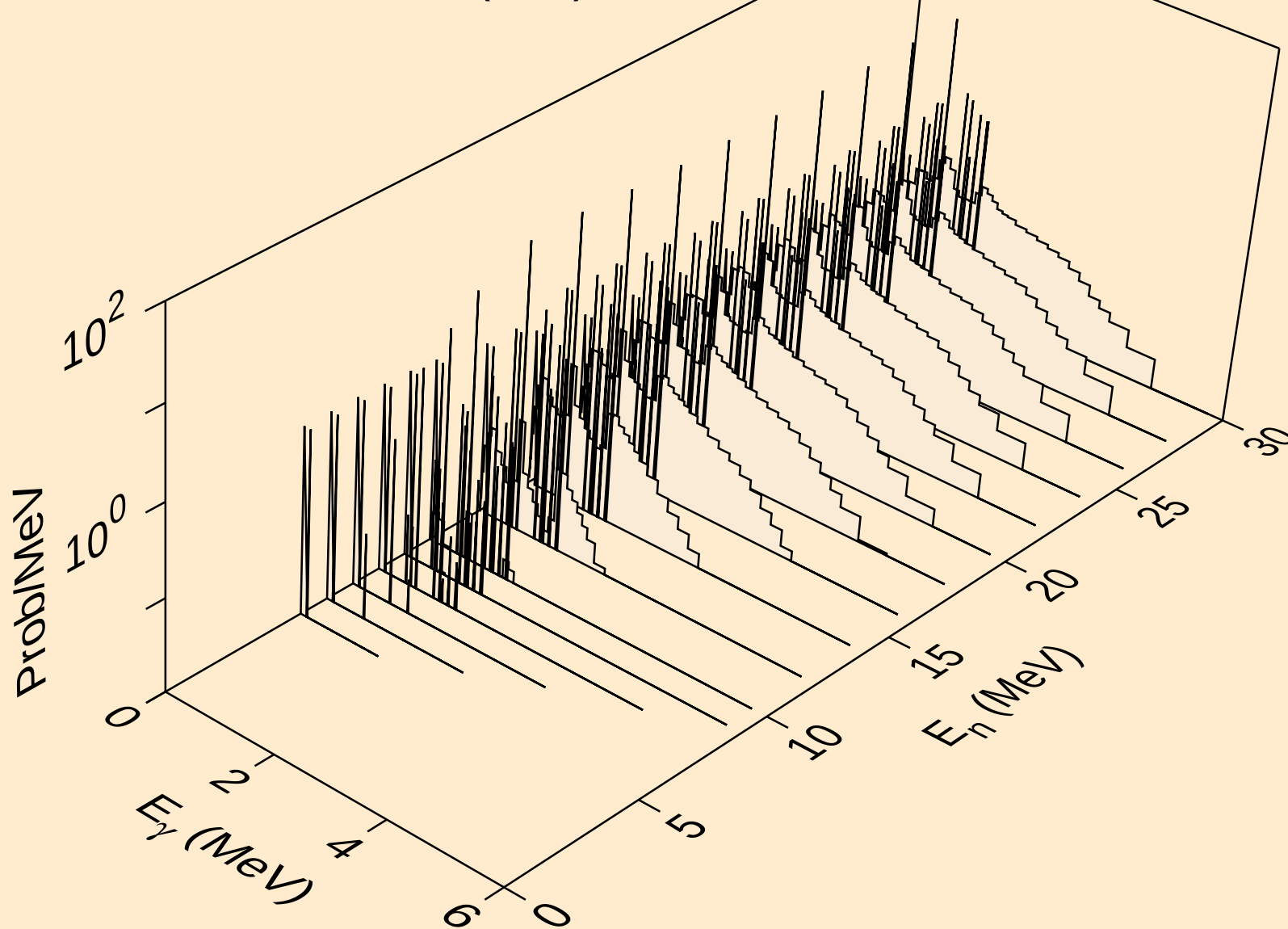


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Photon emission for (n,3n)



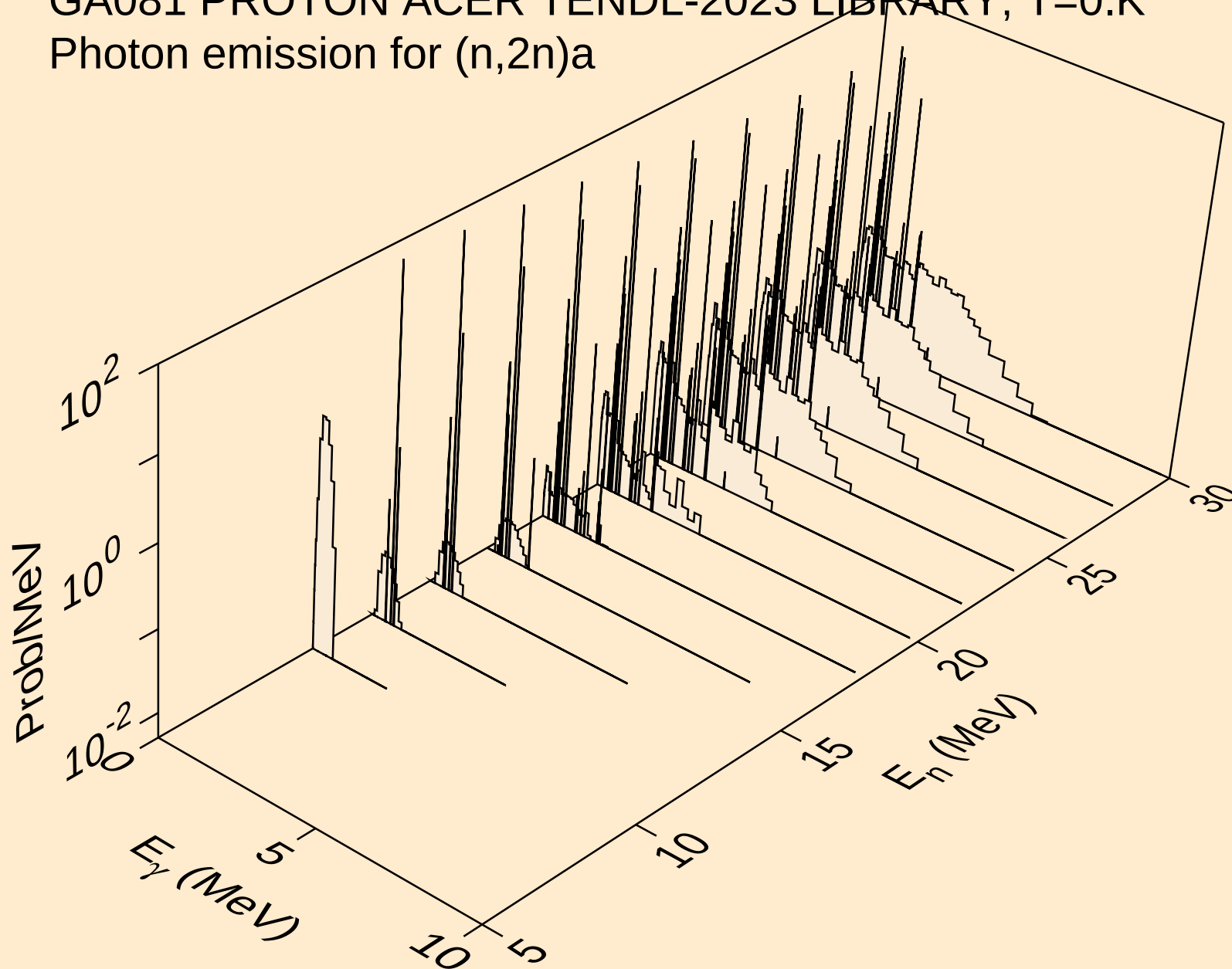
GA081 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n\*)a

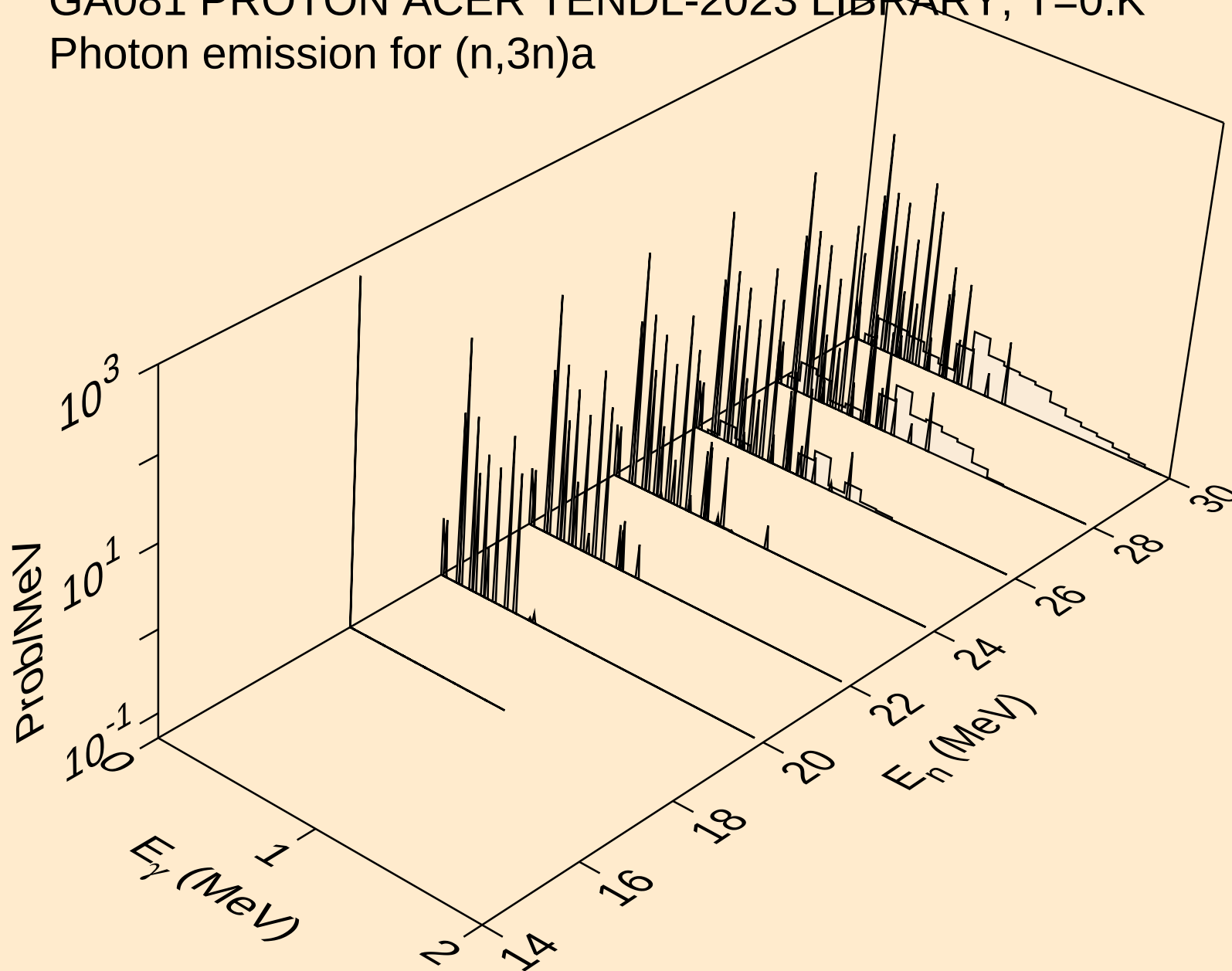


GA081 PROTON ACER TENDL-2023 LIBRARY; T=0.K

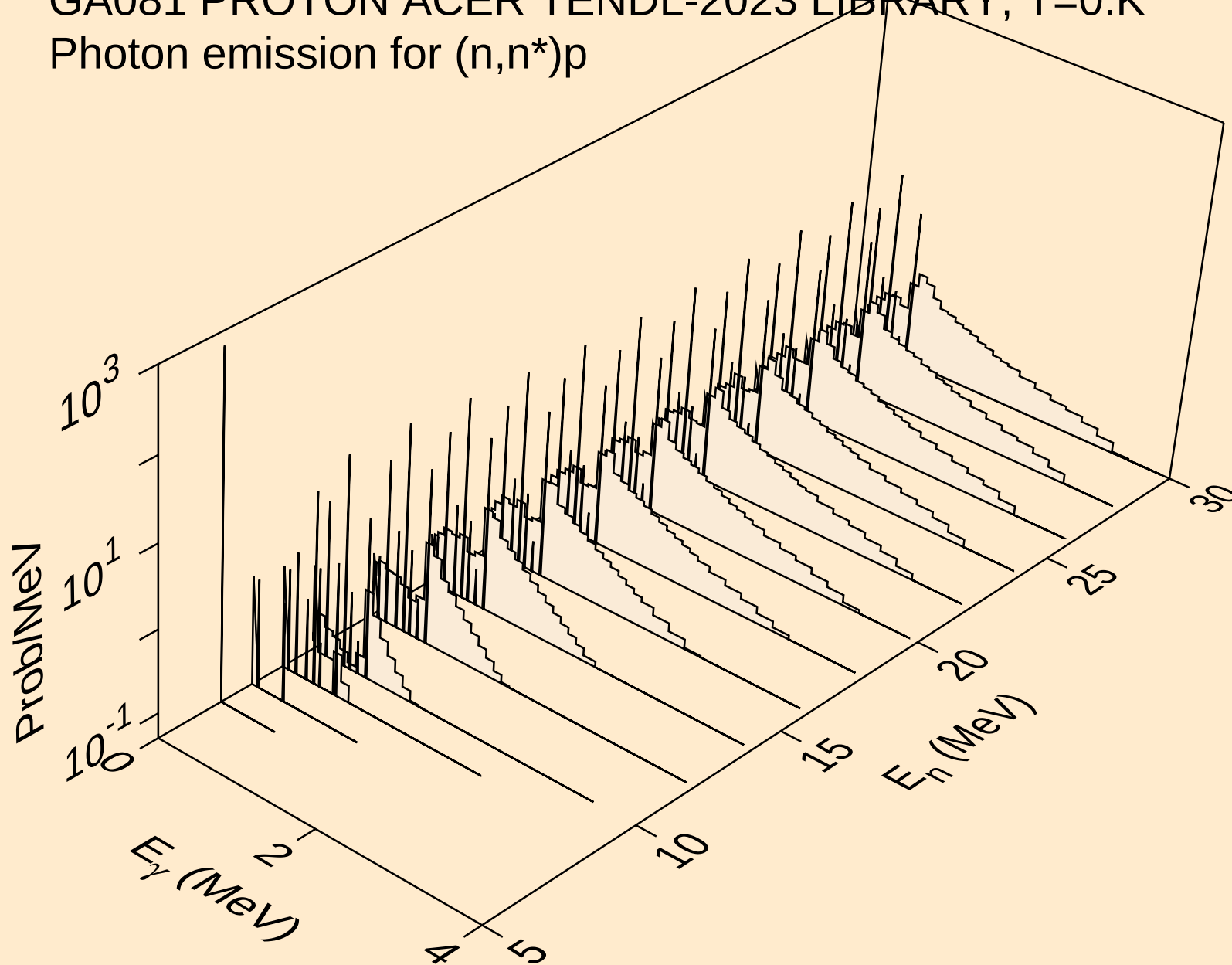
Photon emission for (n,2n)a



GA081 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a

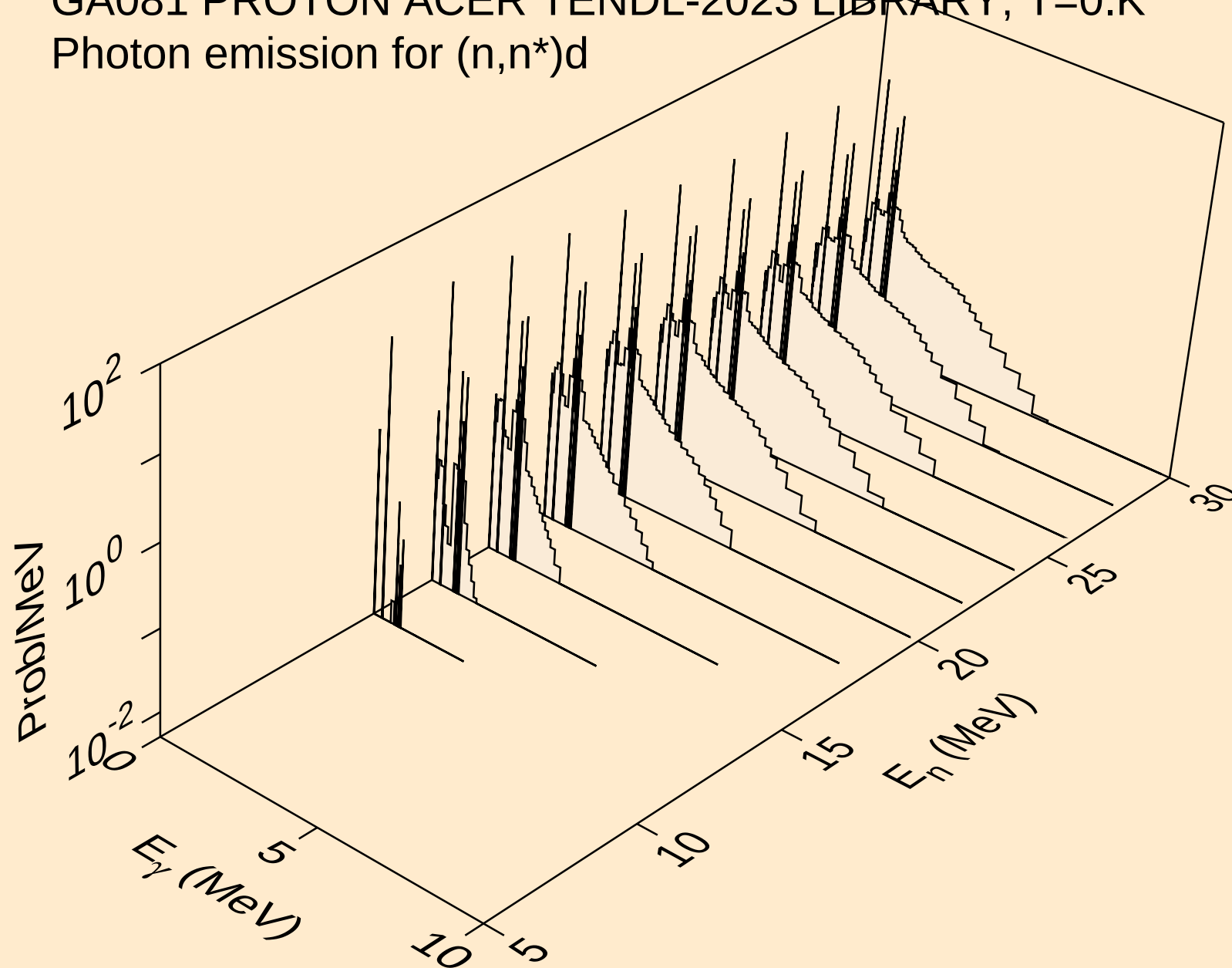


GA081 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



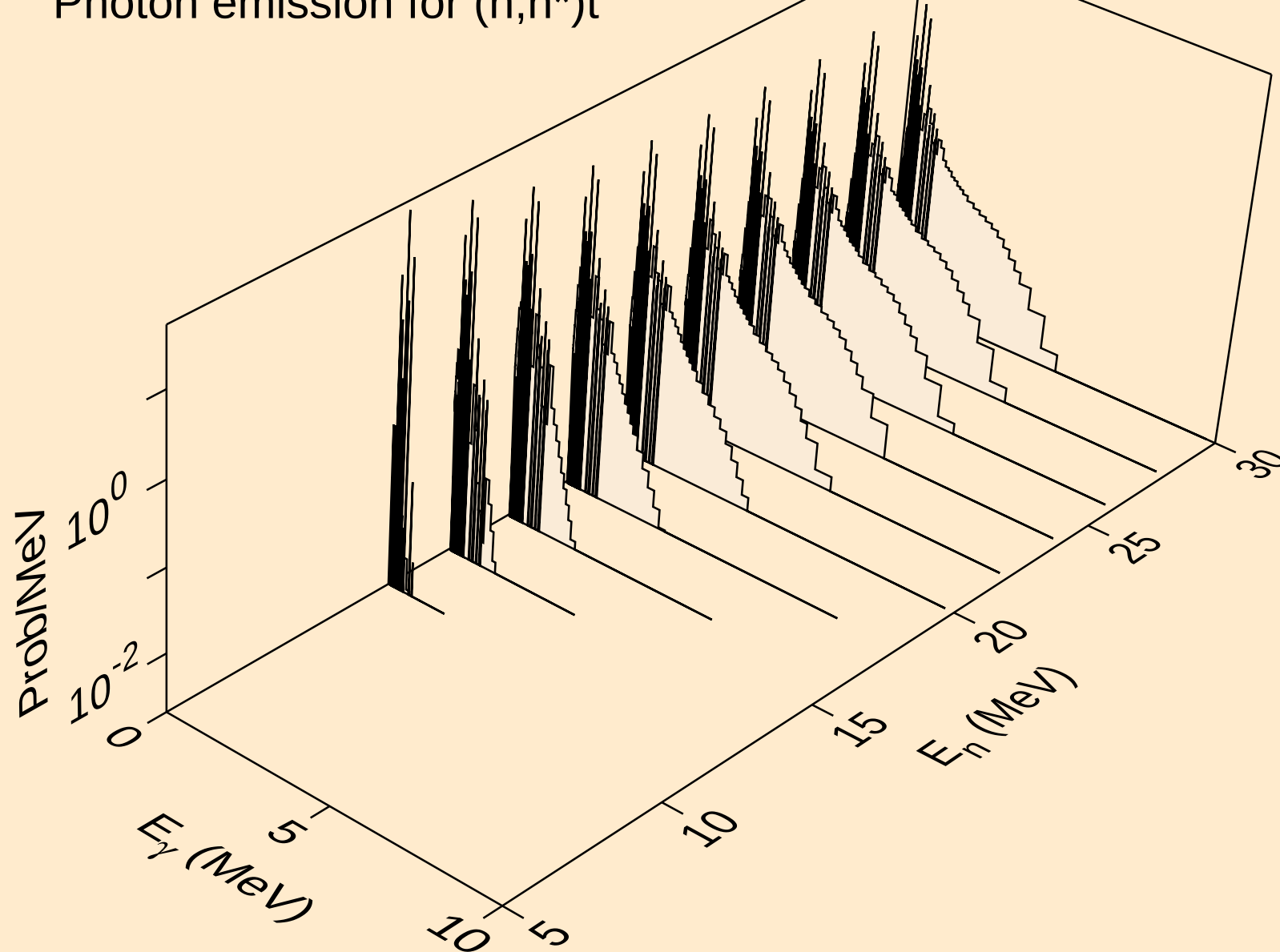
GA081 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n\*)d

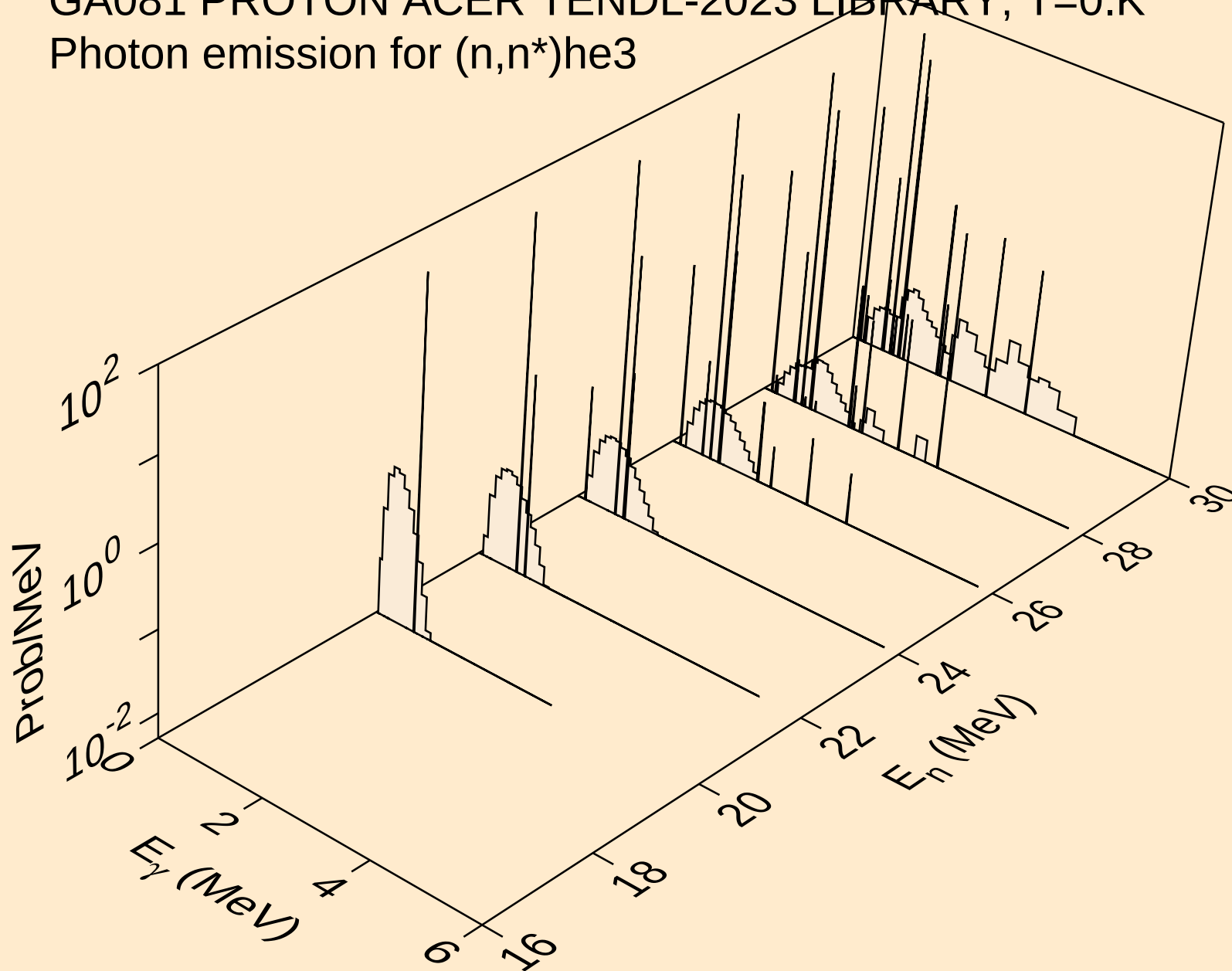


GA081 PROTON ACER TENDL-2023 LIBRARY; T=0.K

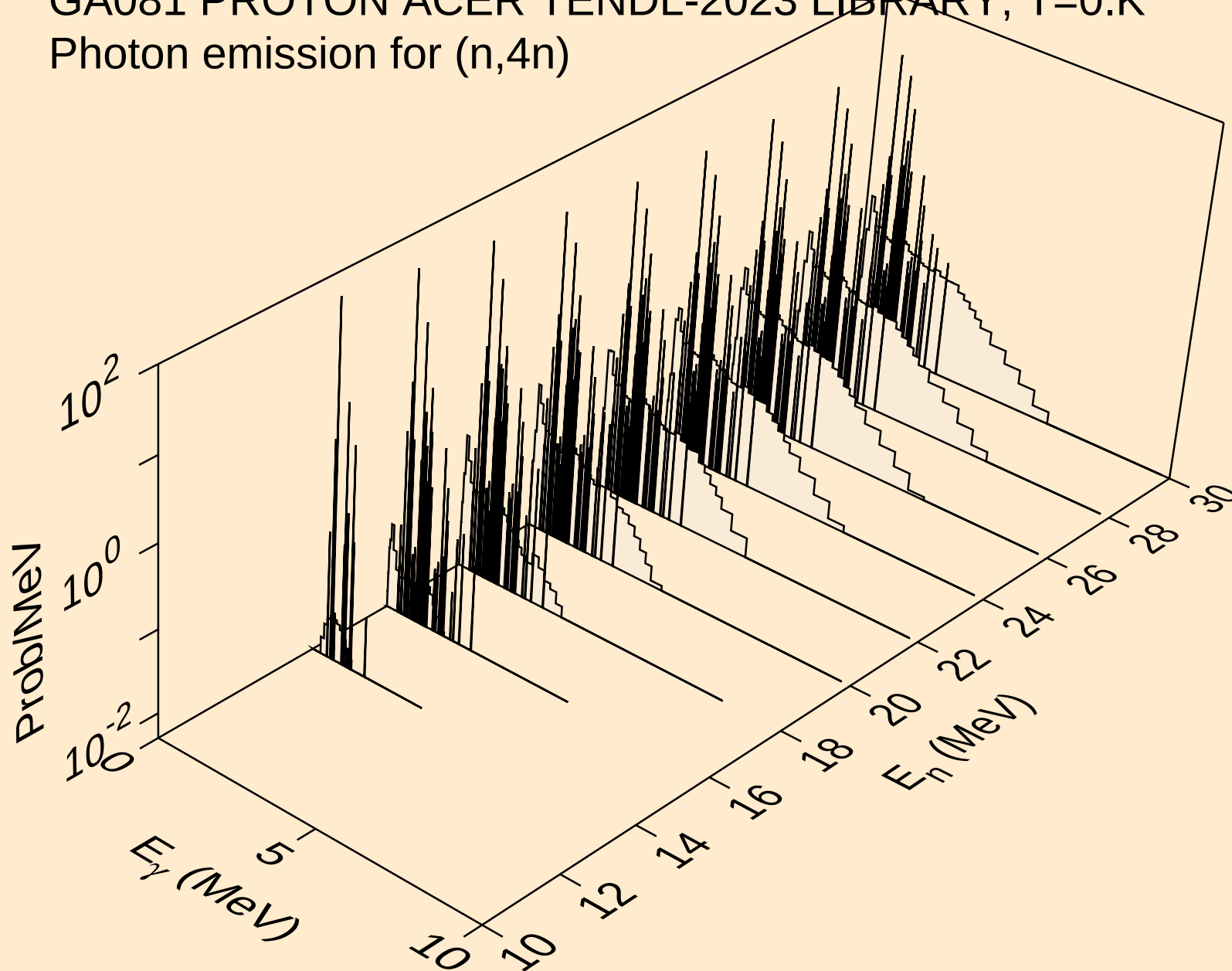
Photon emission for (n,n\*)t



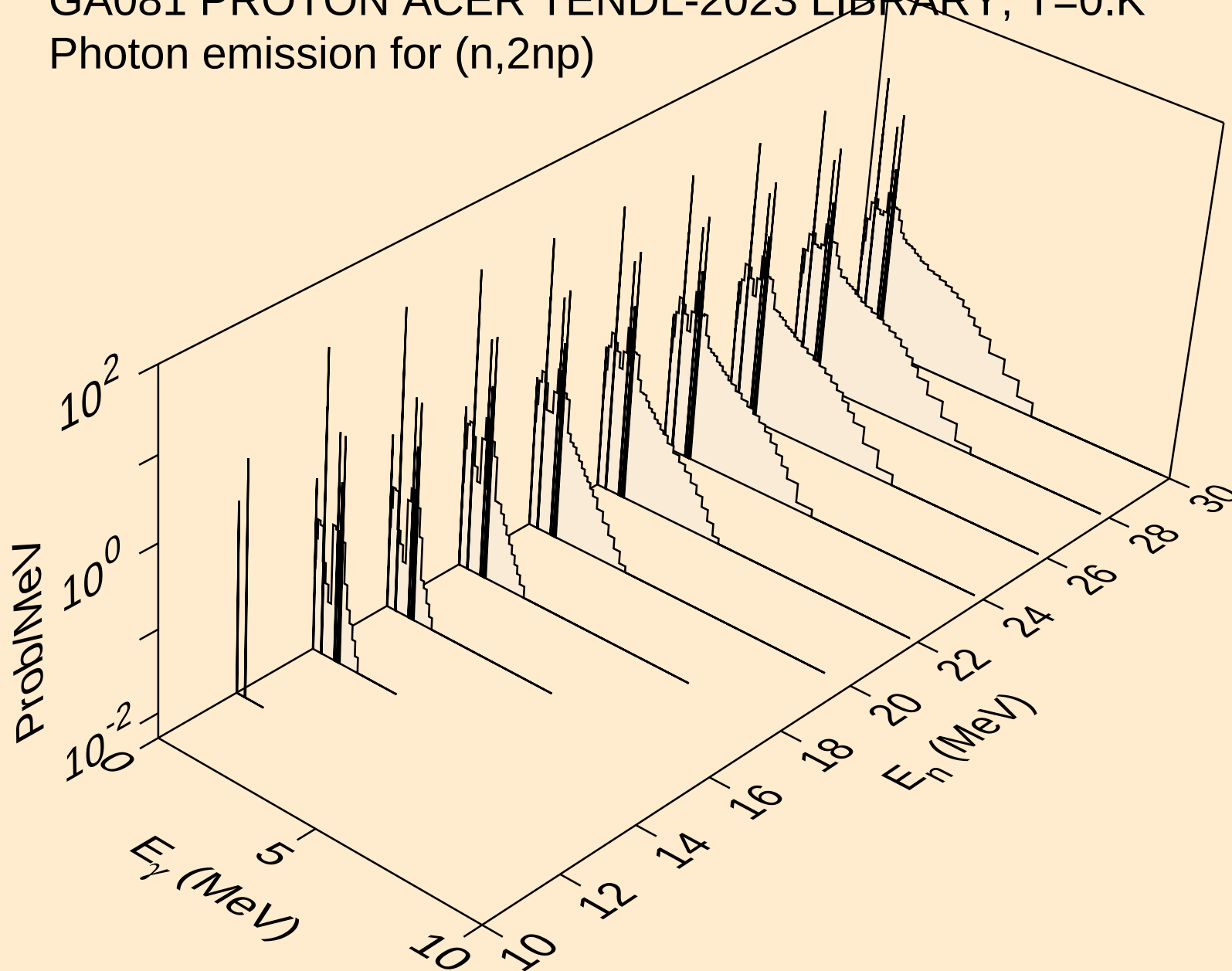
GA081 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



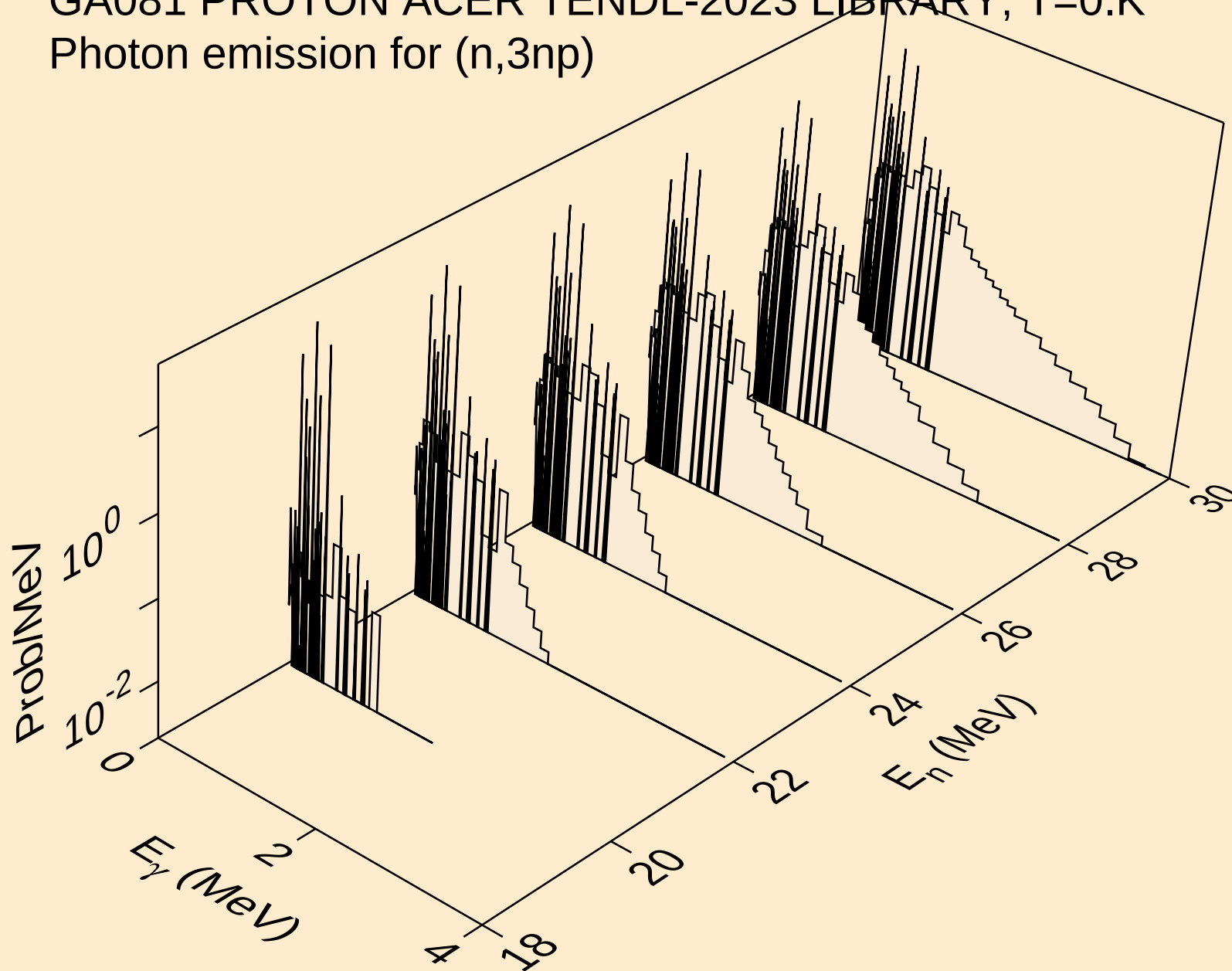
GA081 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



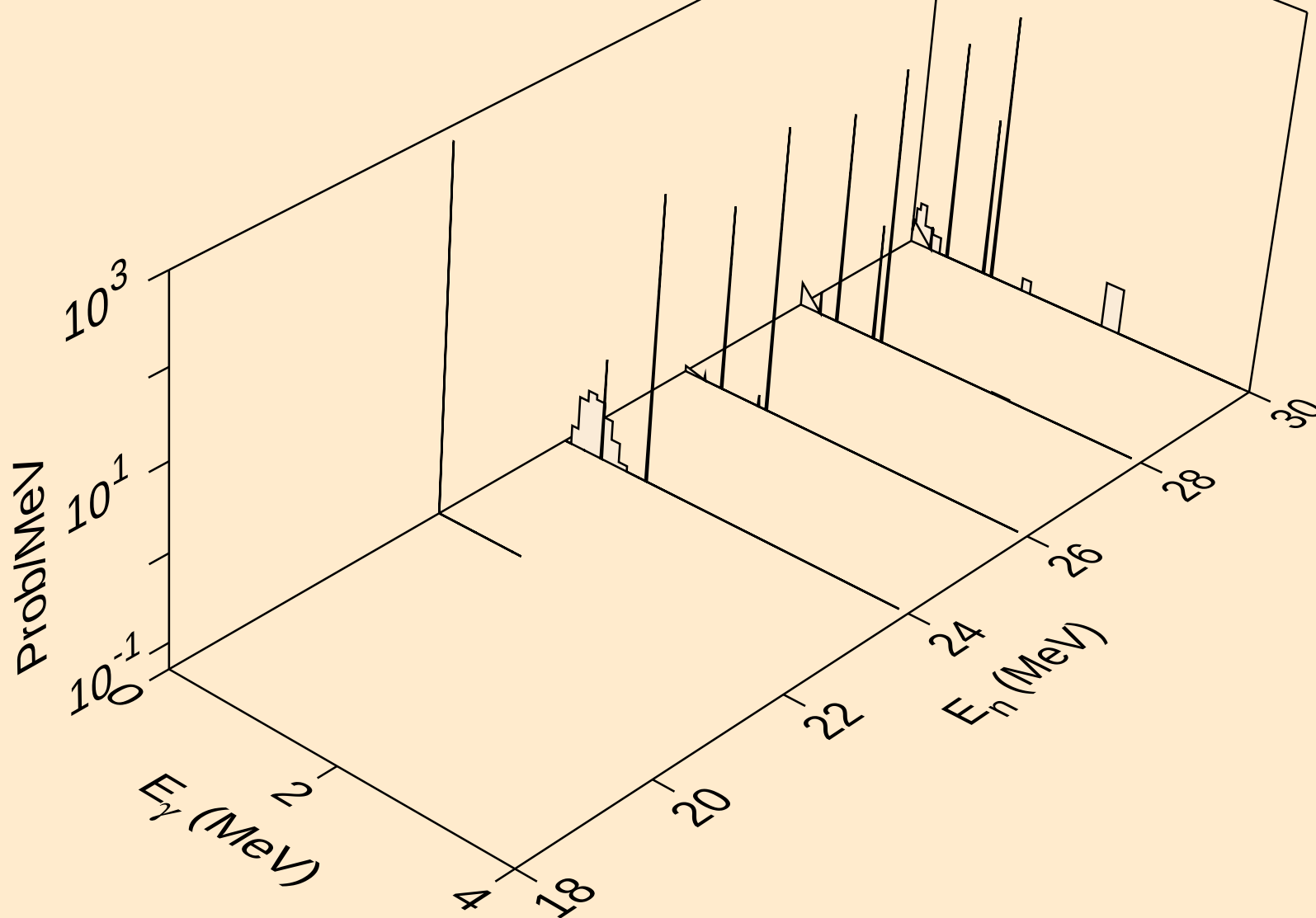
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Photon emission for (n,2np)



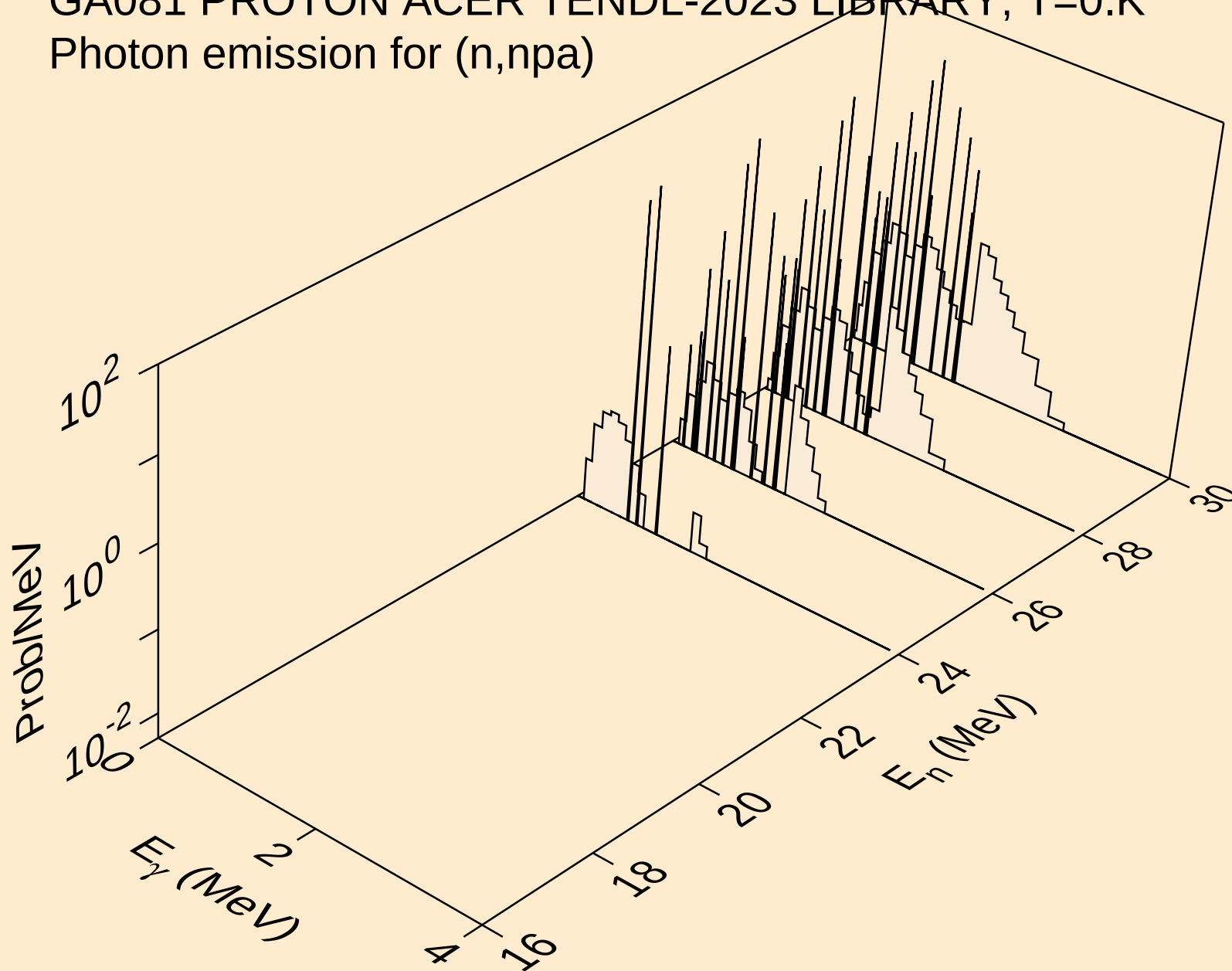
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Photon emission for (n,3np)



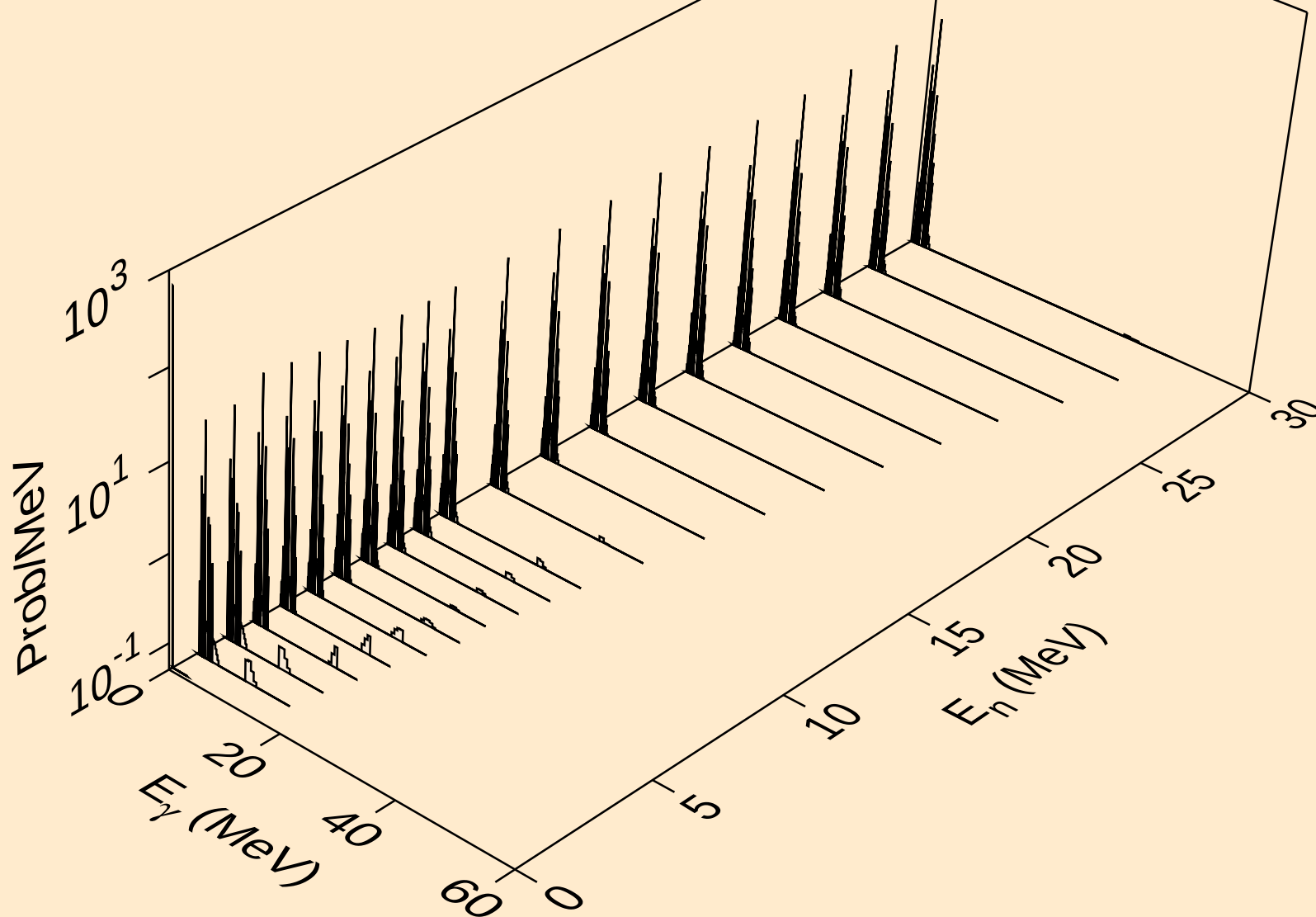
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Photon emission for (n,n2p)



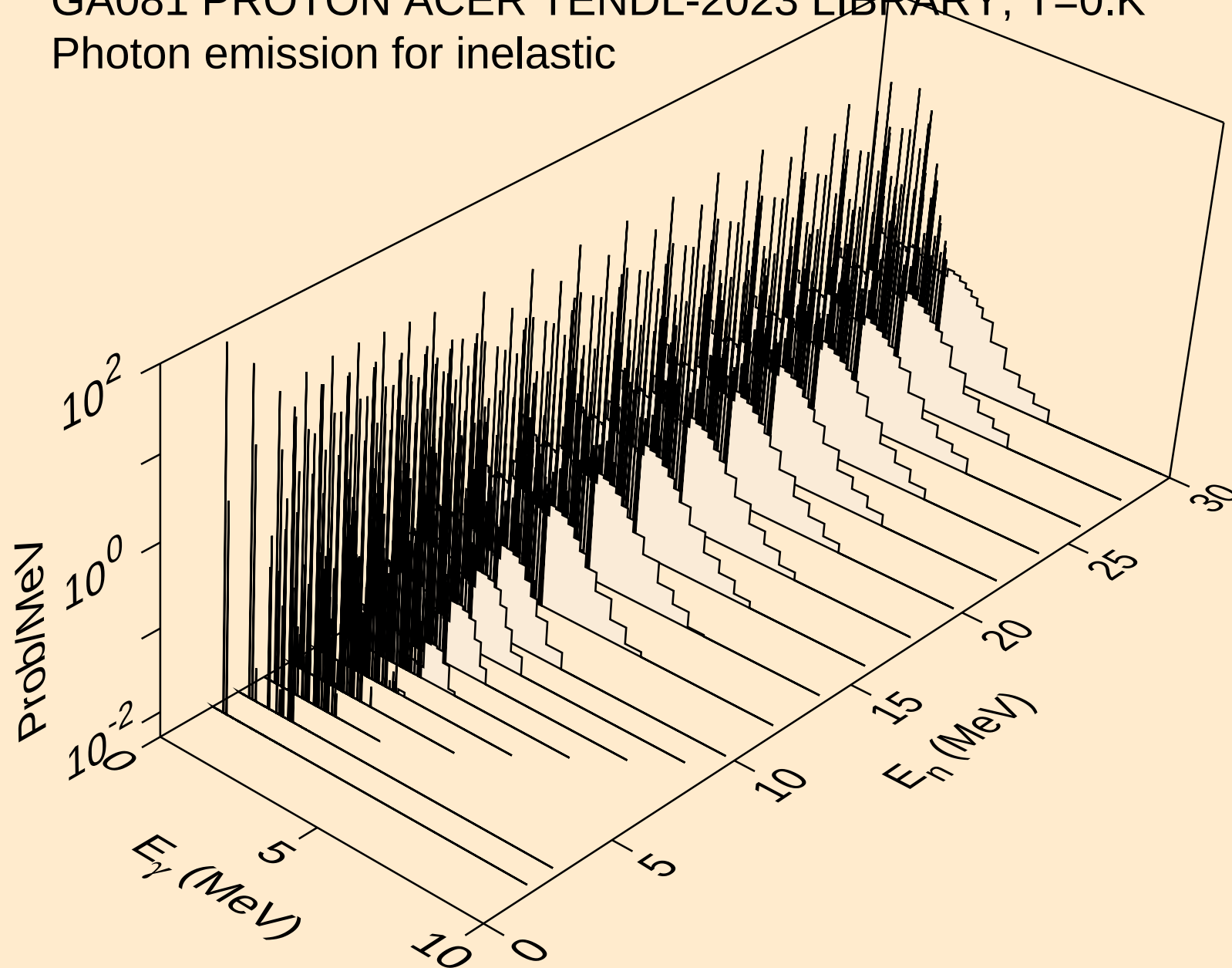
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Photon emission for (n,npa)



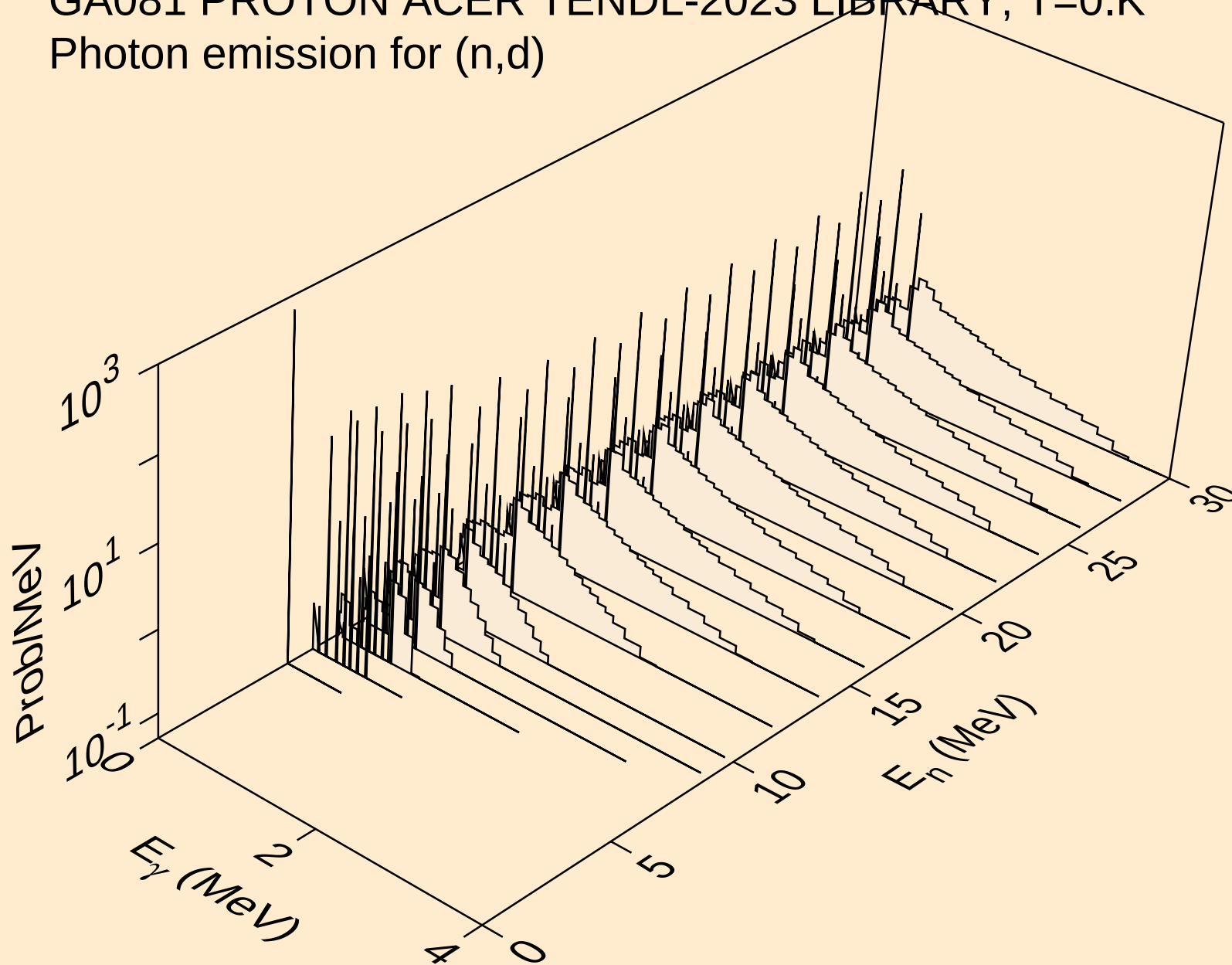
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Photon emission for (n,gma)



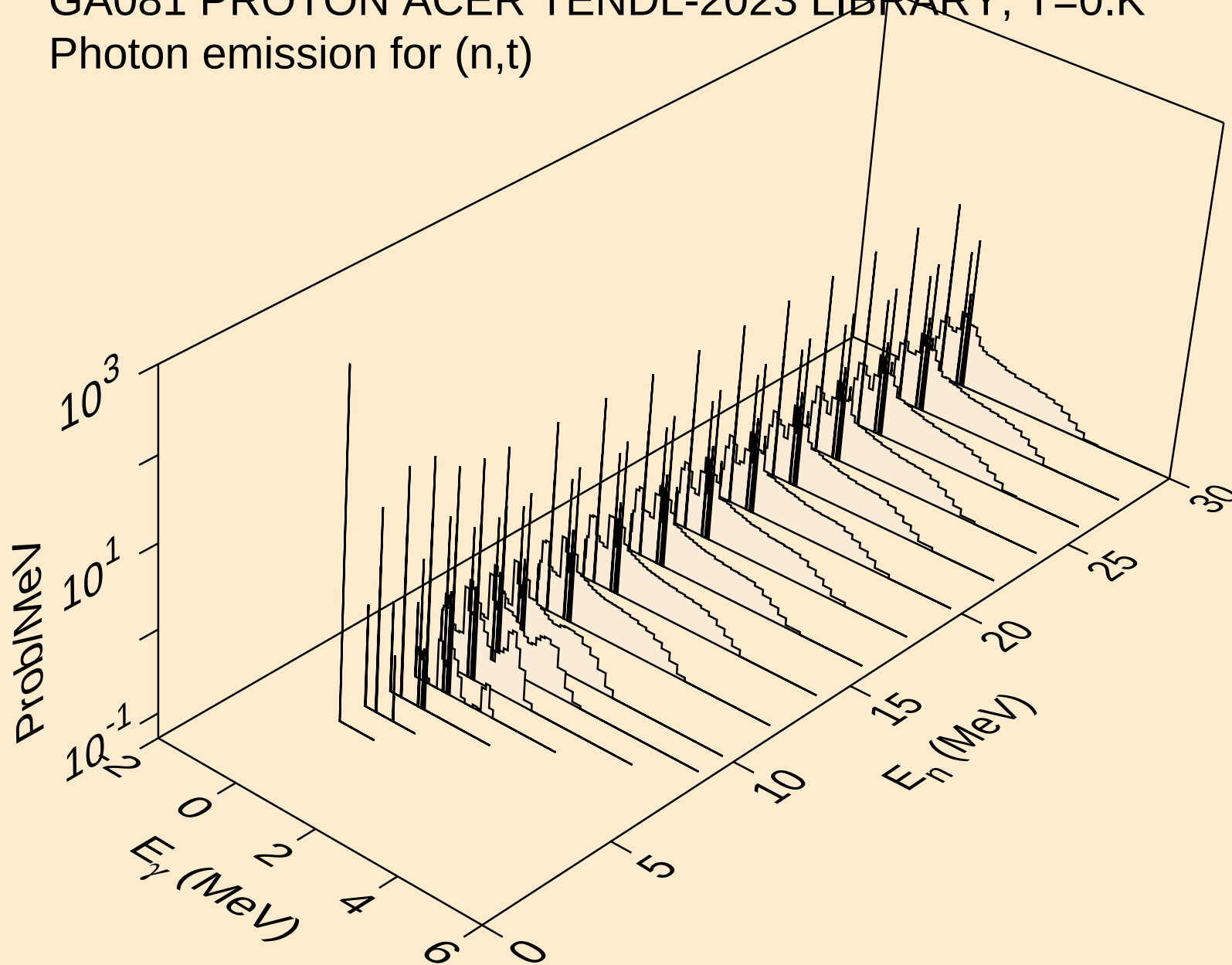
GA081 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



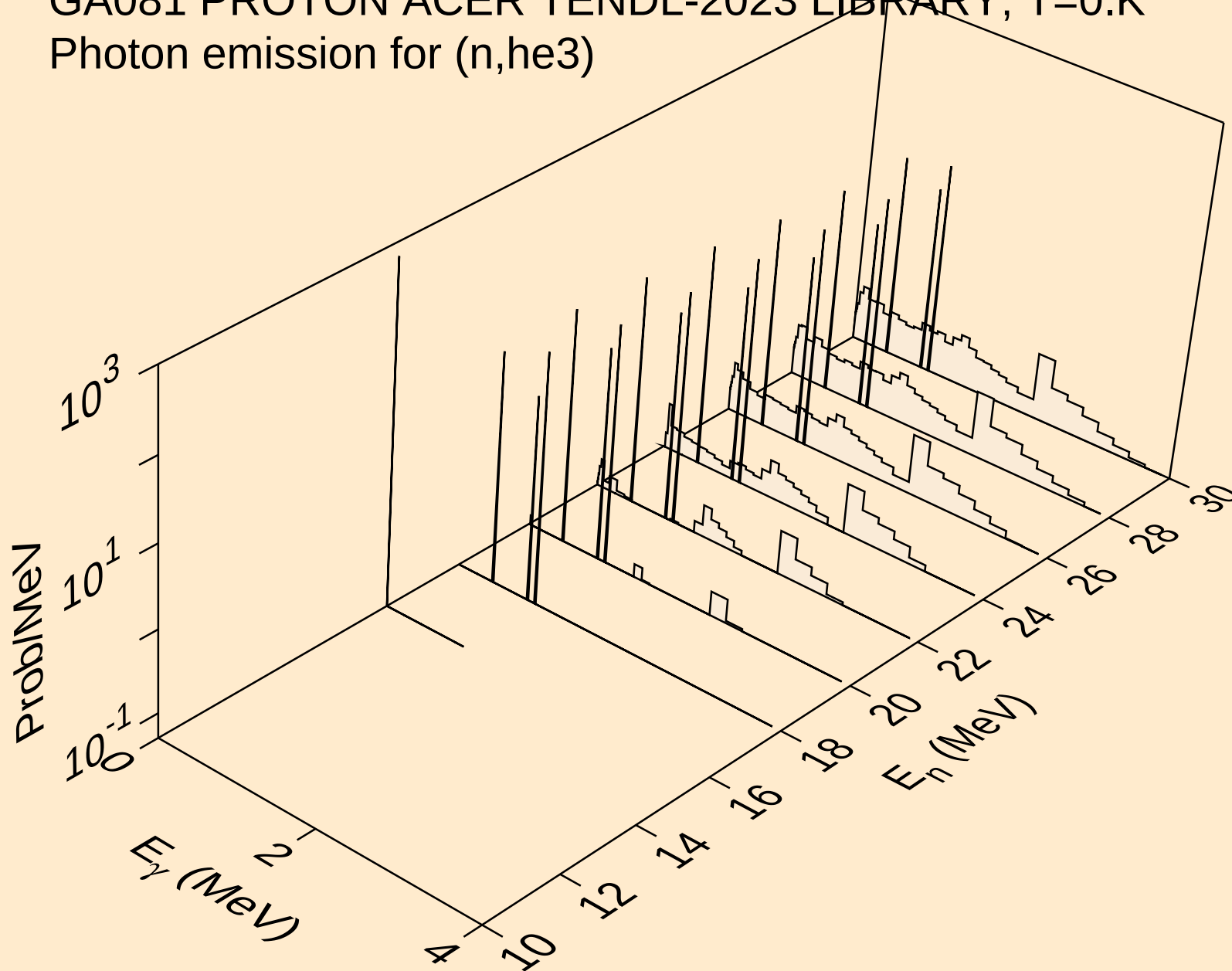
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Photon emission for (n,d)



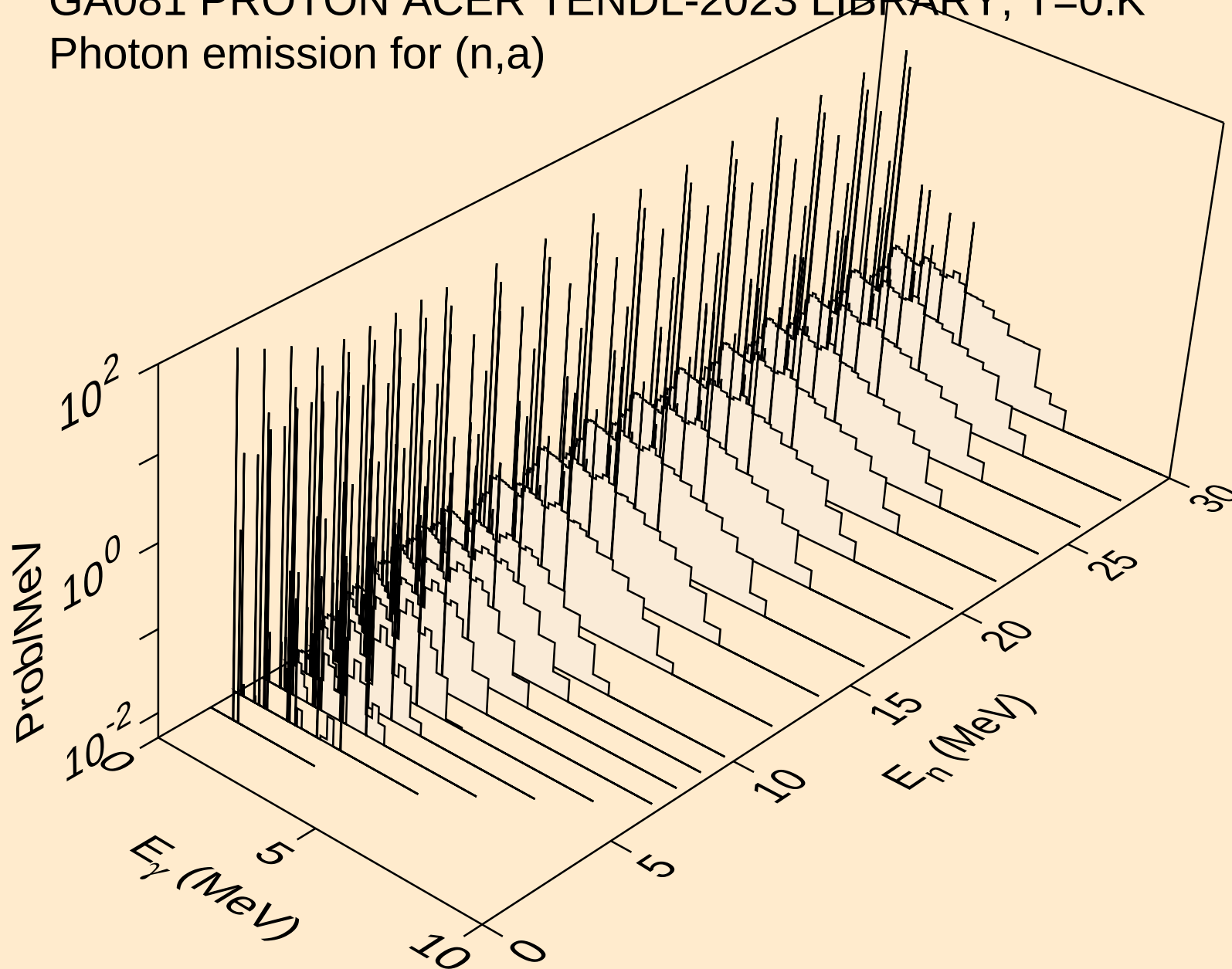
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Photon emission for (n,t)



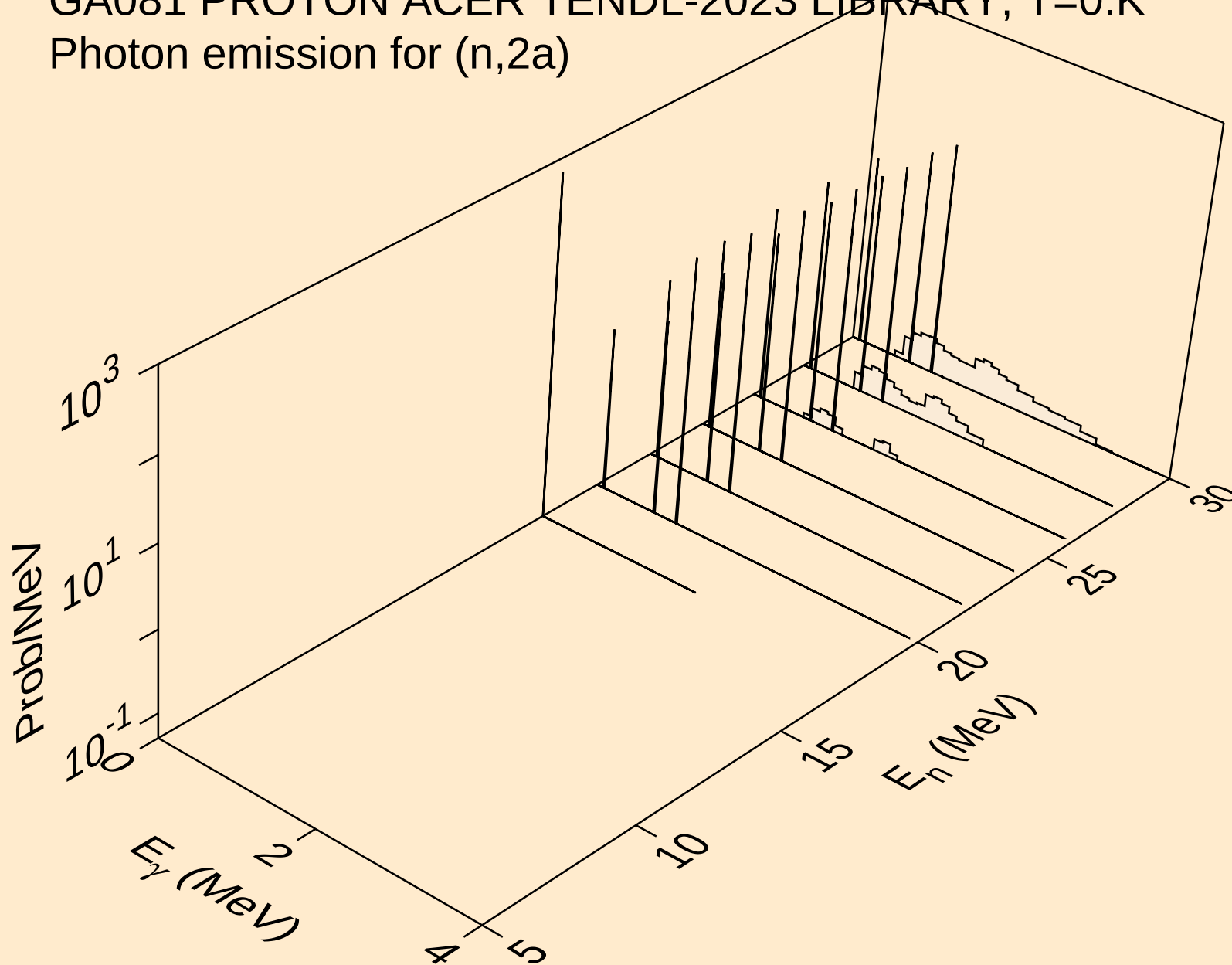
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Photon emission for (n,he3)



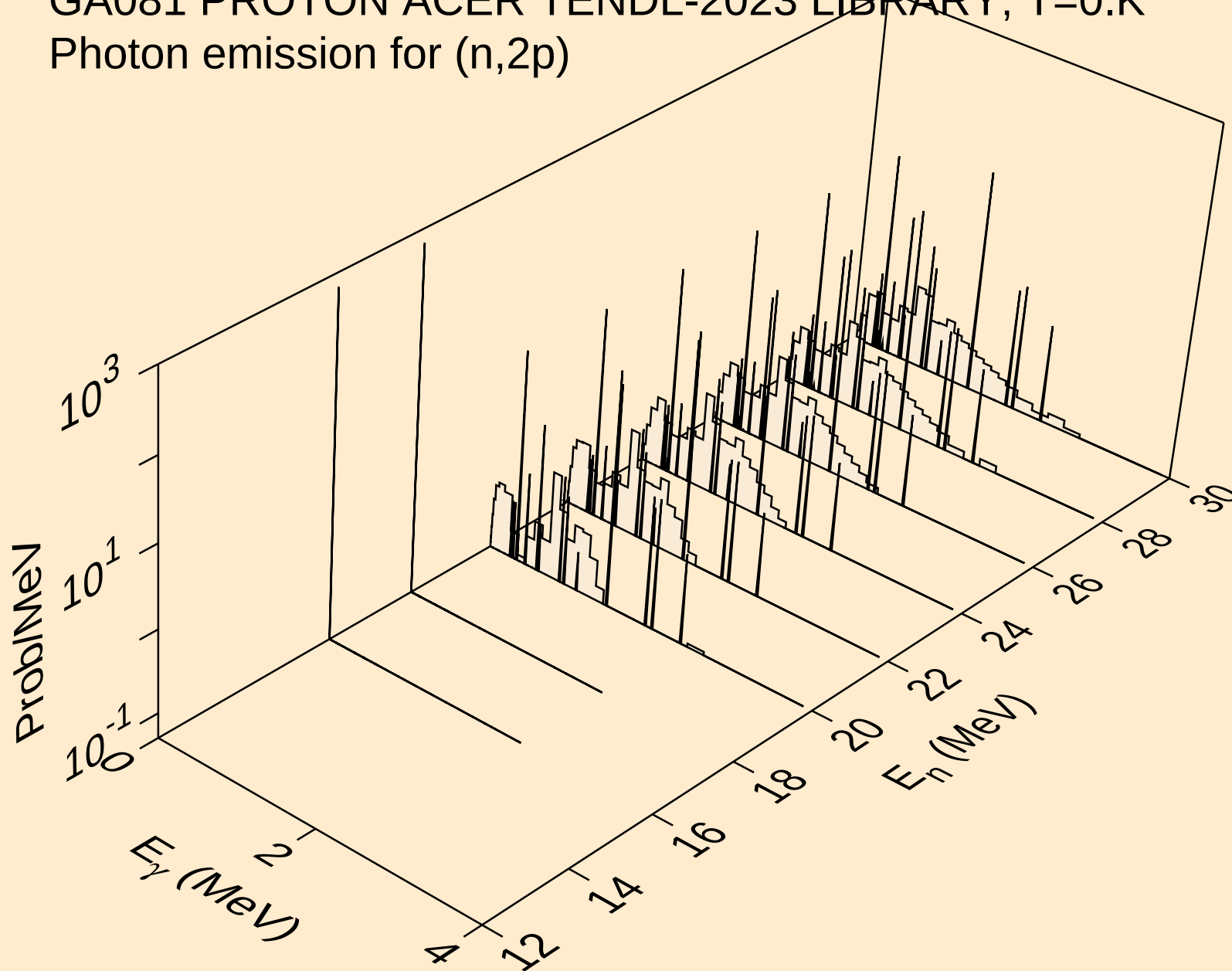
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Photon emission for (n,a)



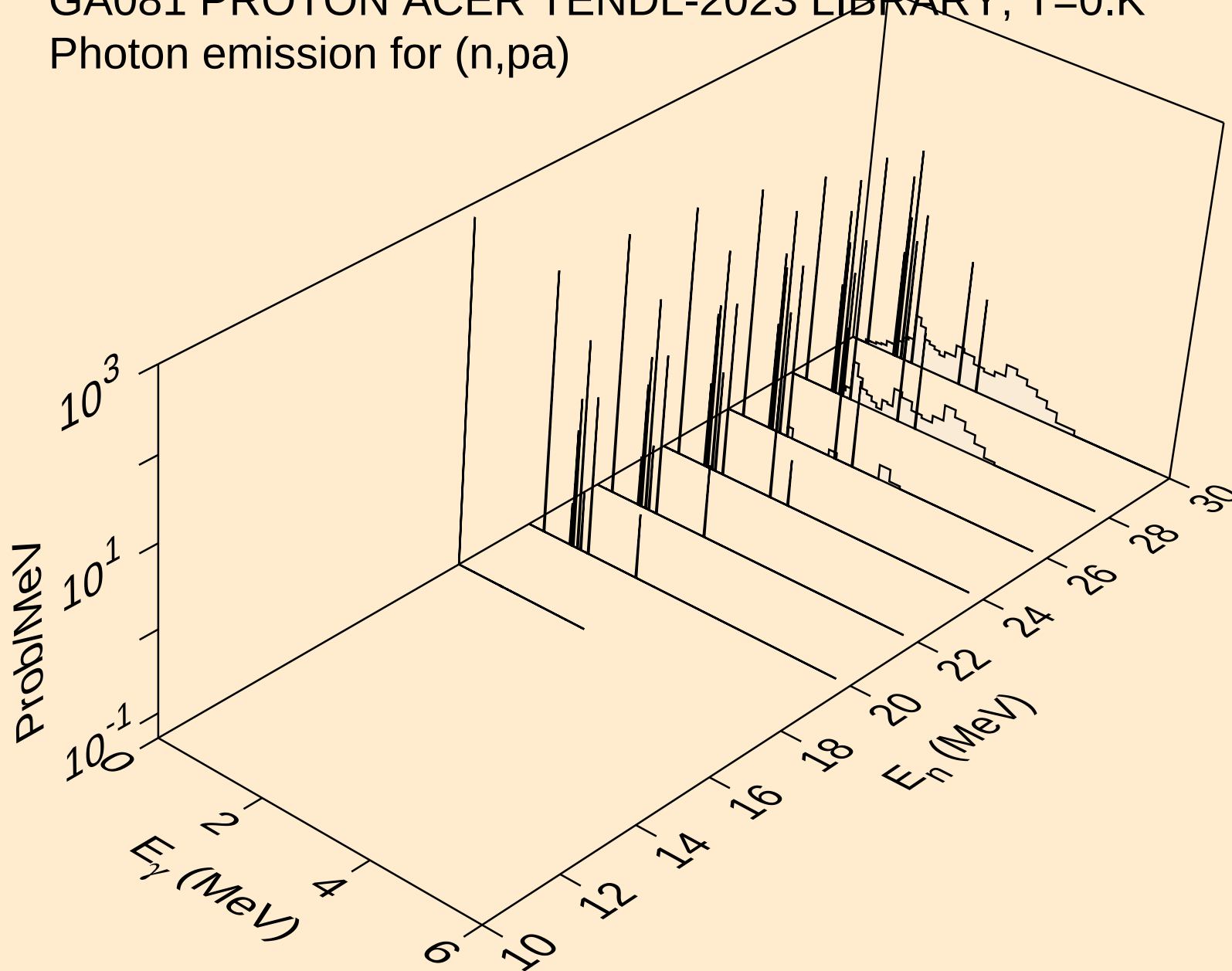
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Photon emission for (n,2a)



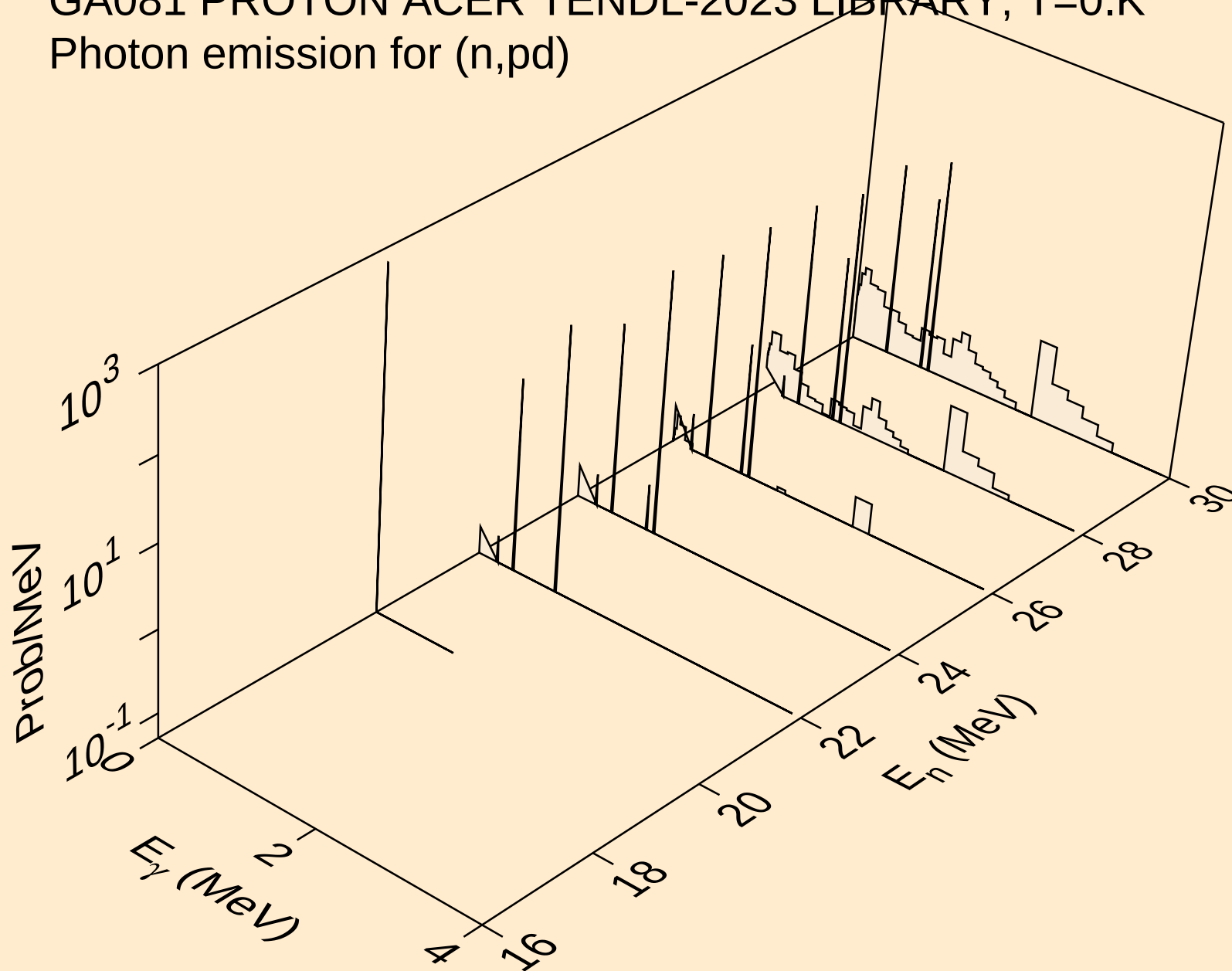
GA081 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



GA081 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p) $\alpha$

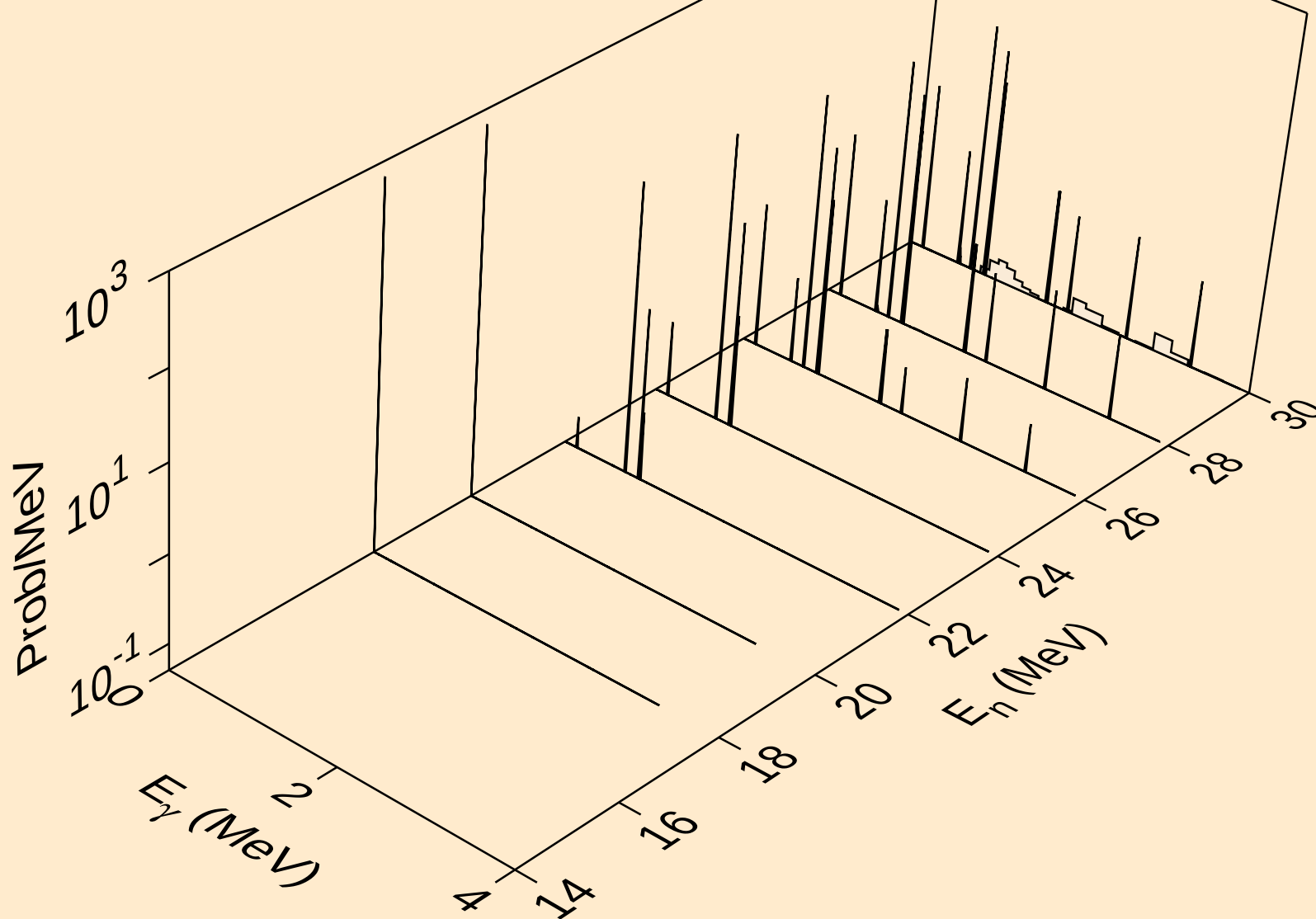


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Photon emission for (n,pd)

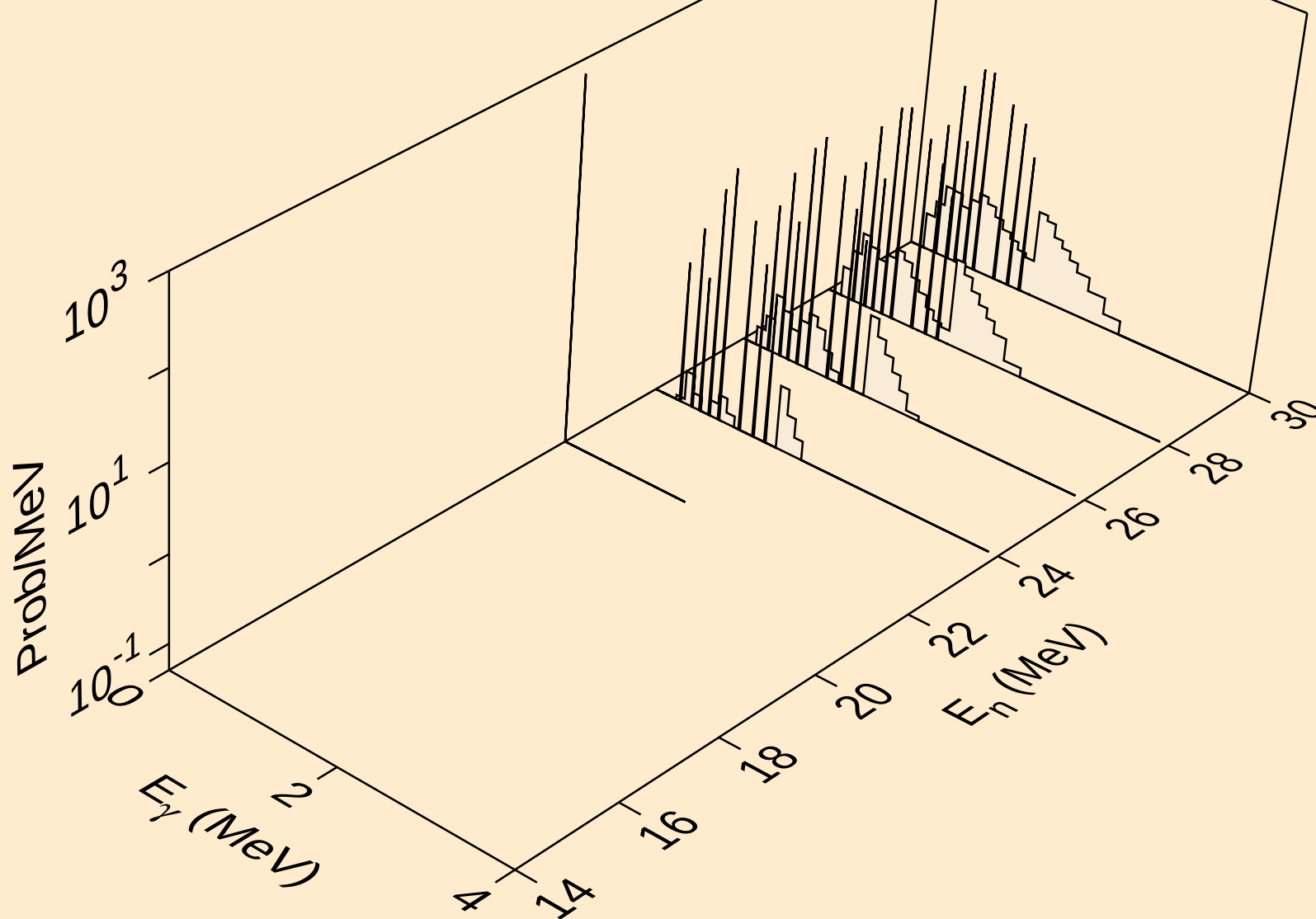


GA081 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,pt)

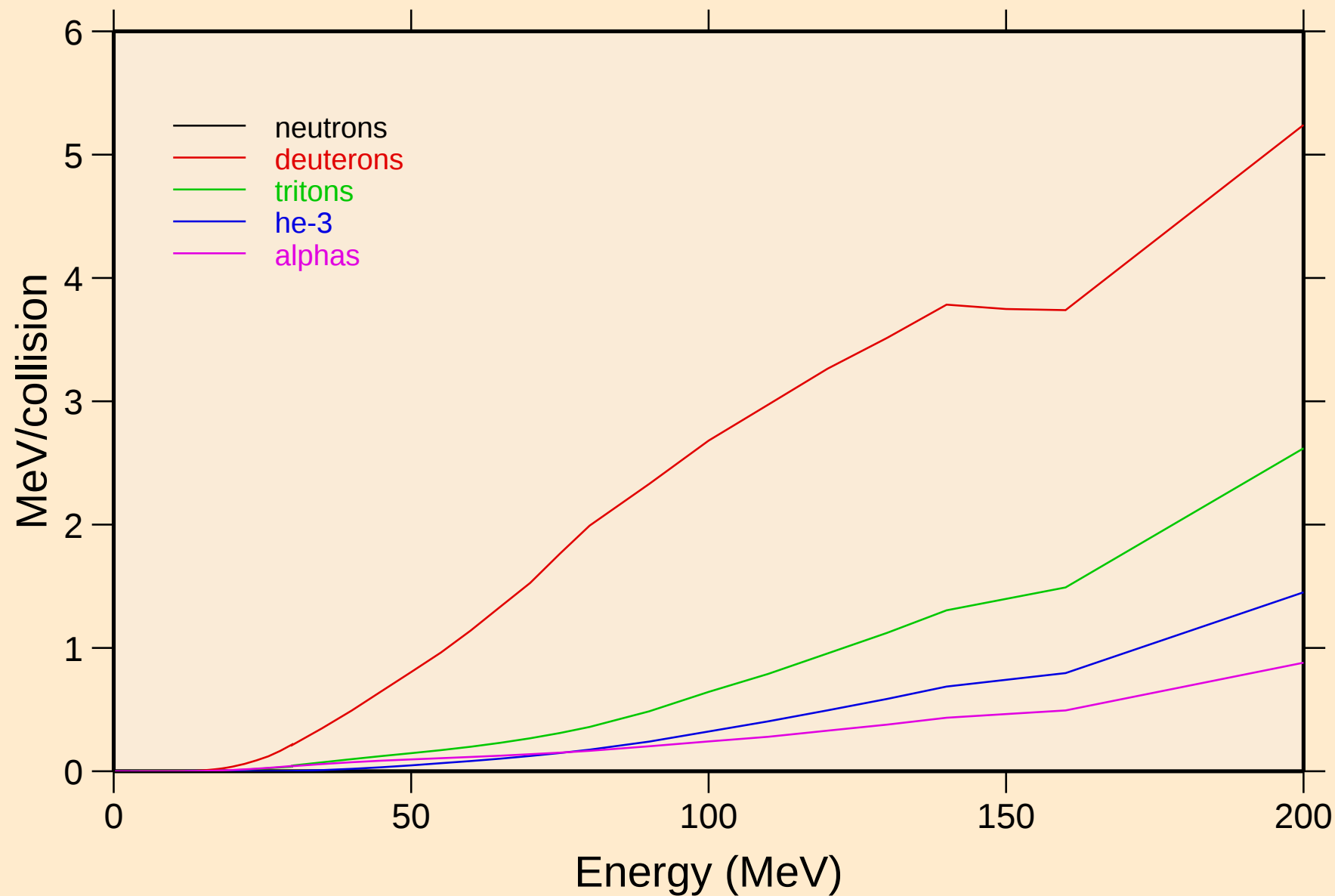


GA081 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



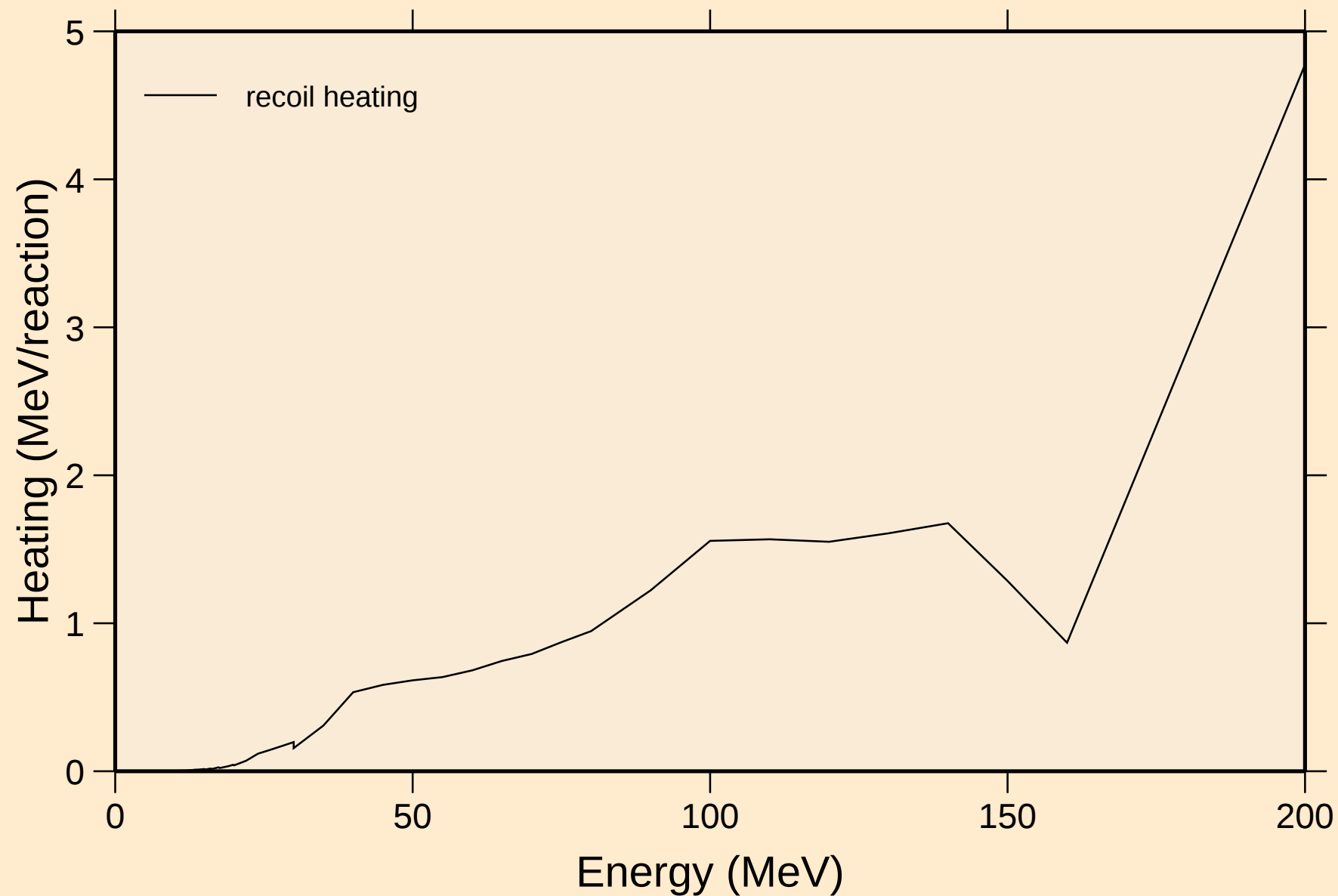
# GA081 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions



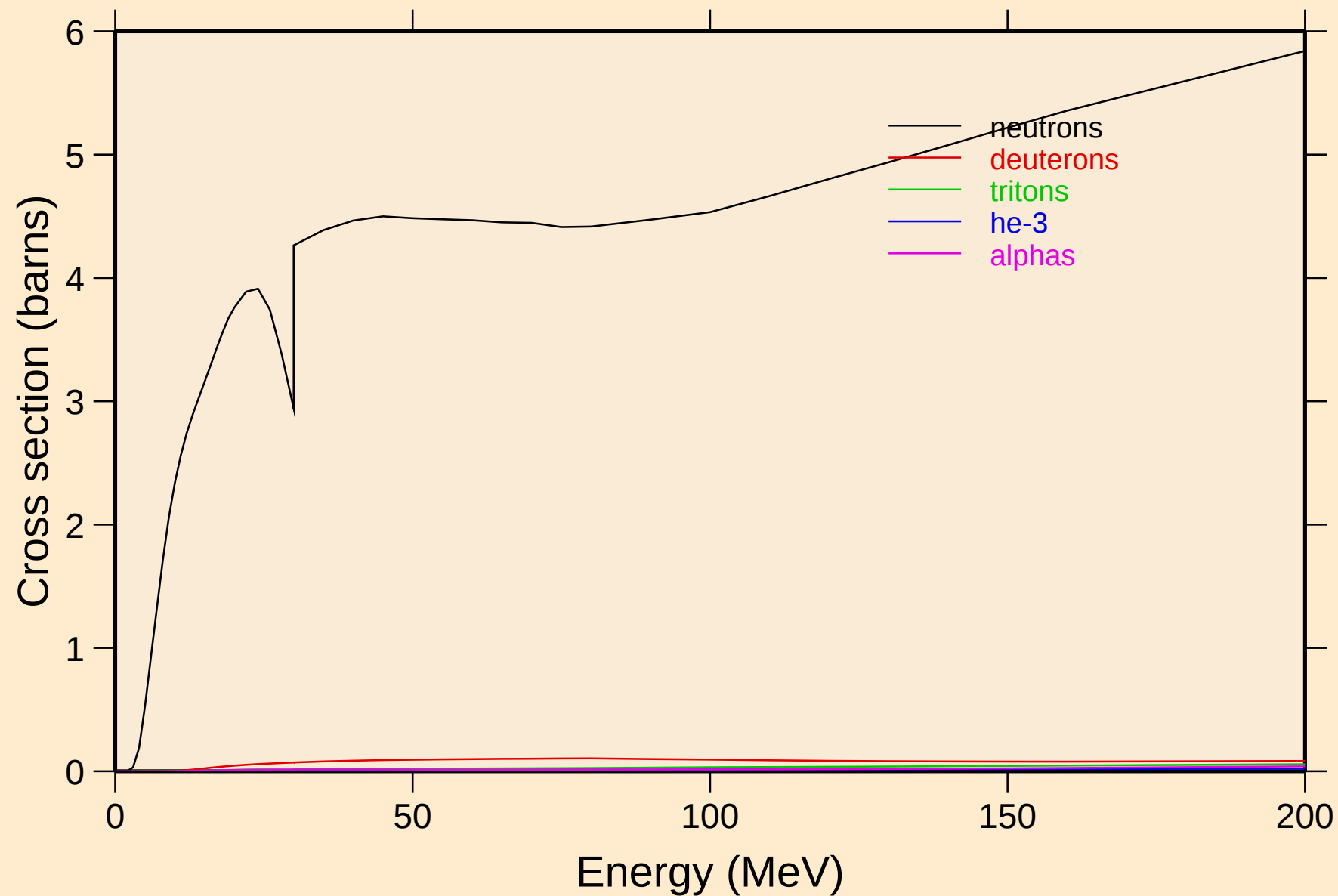
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Recoil Heating

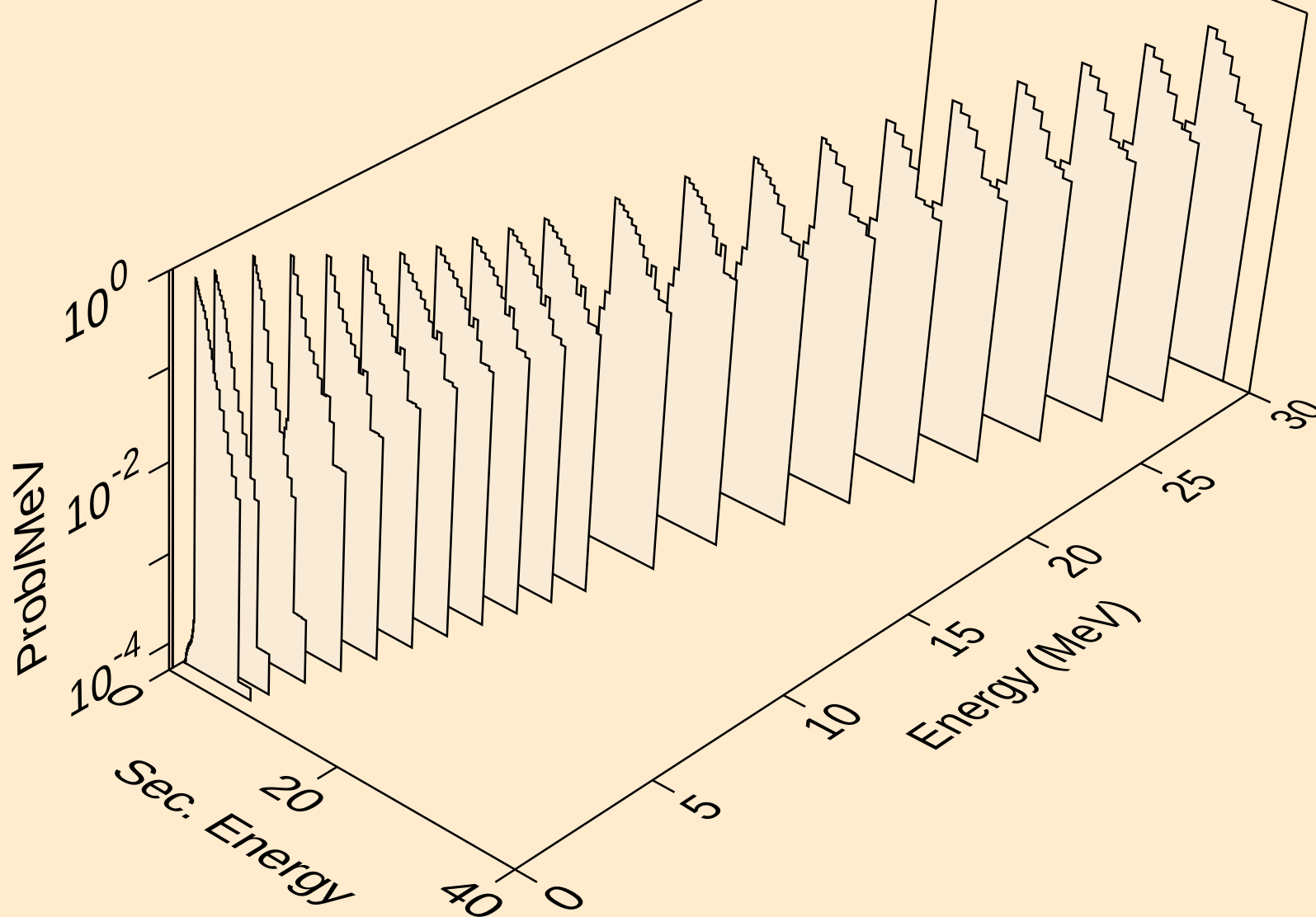


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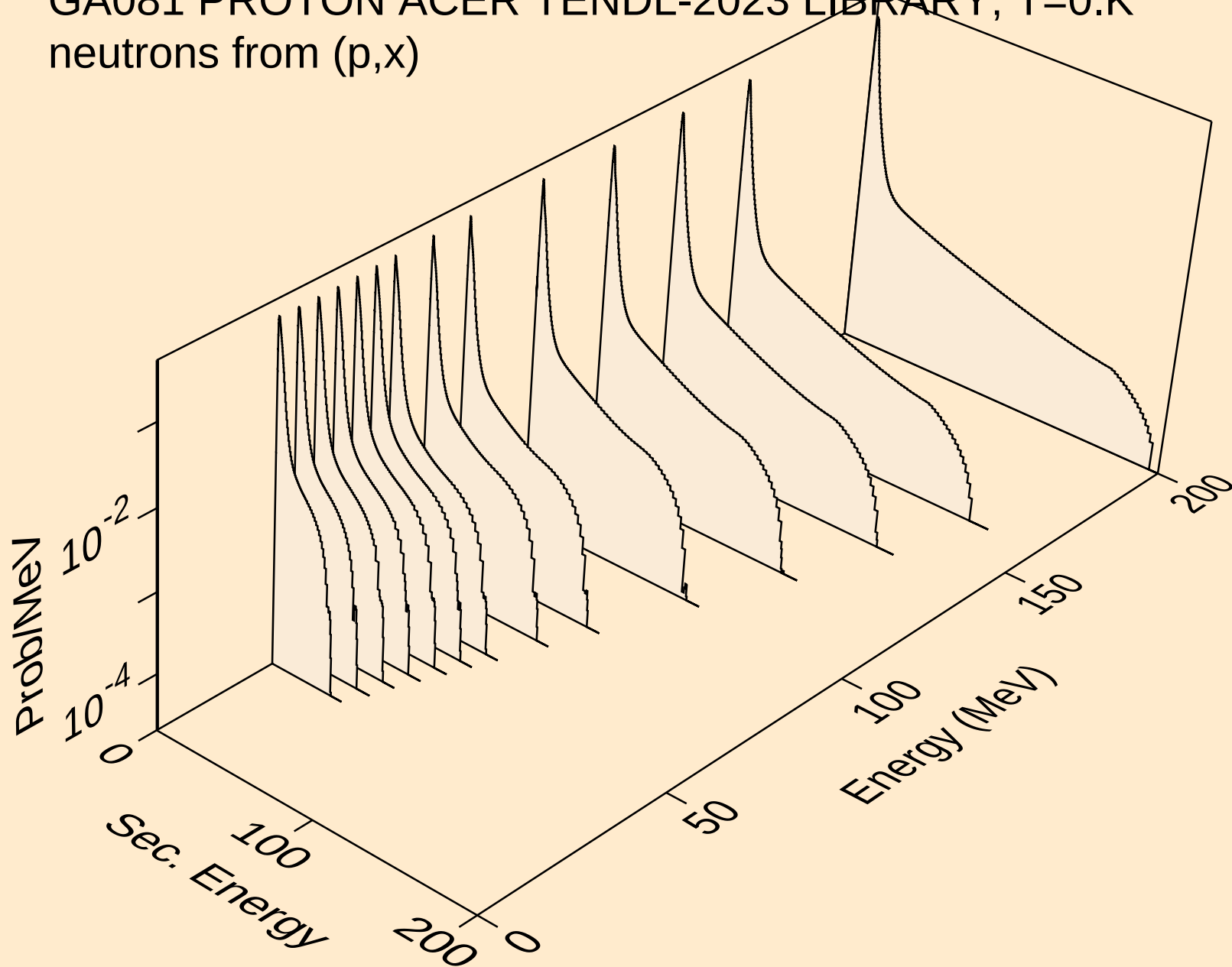
## Particle production cross sections



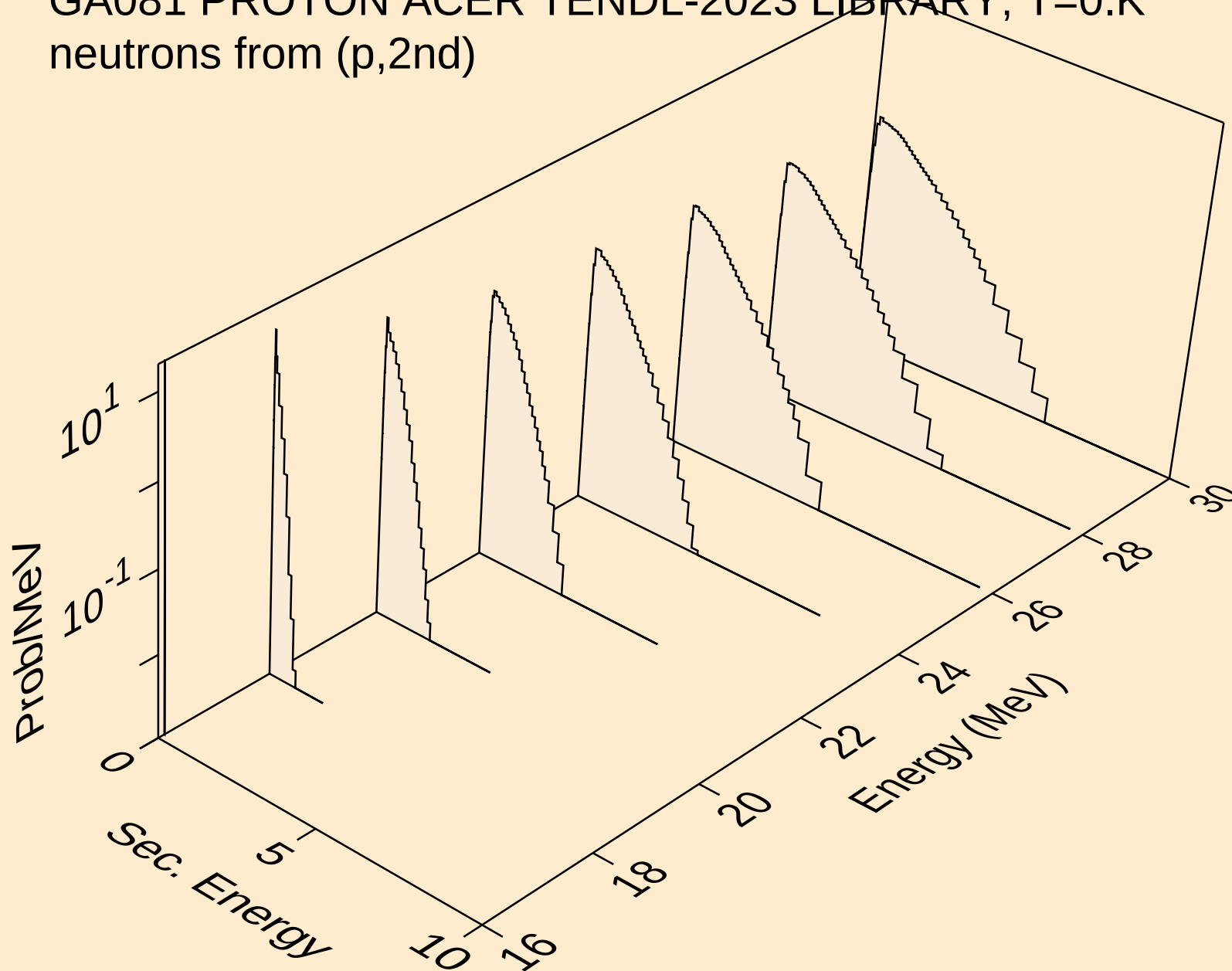
GA081 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



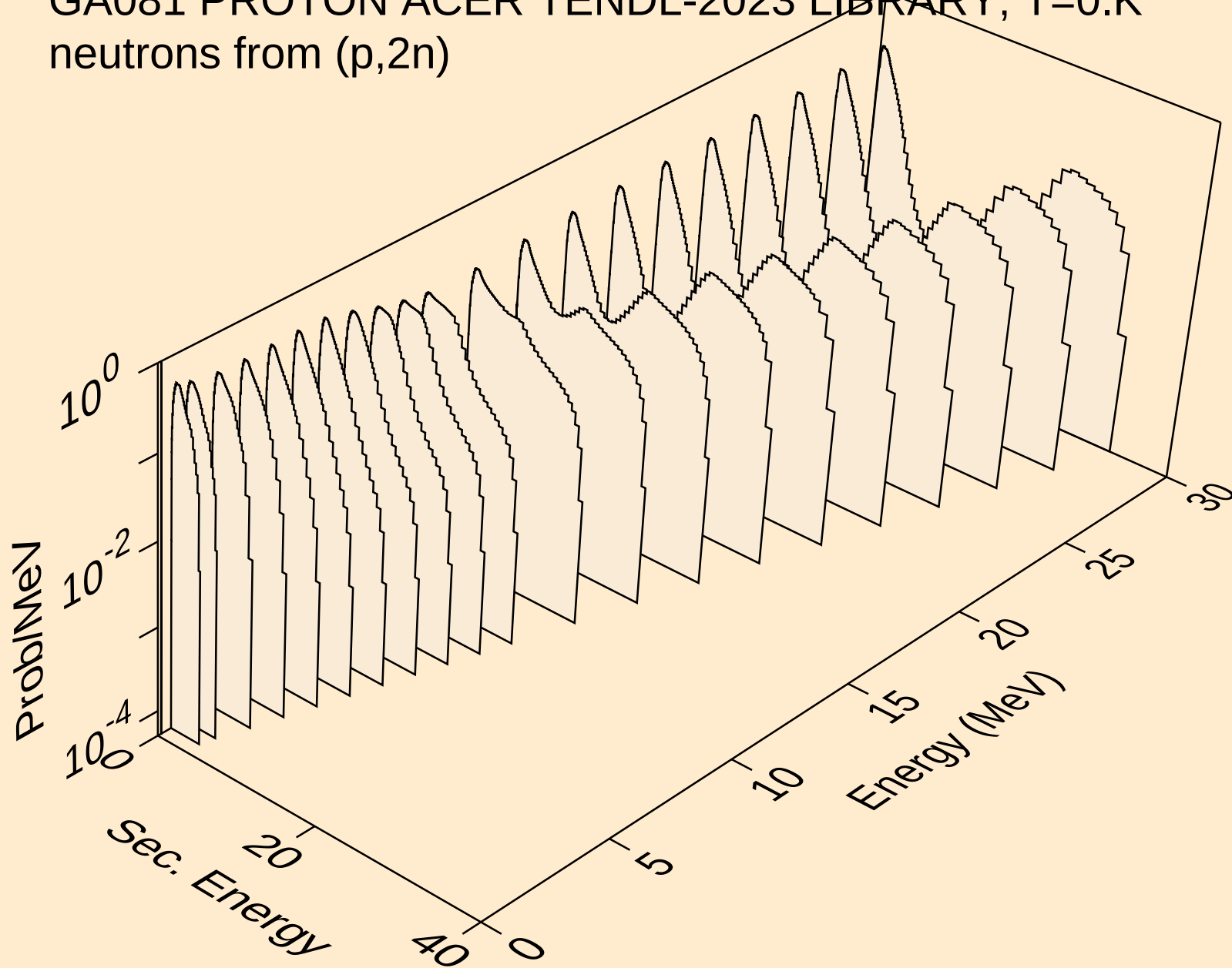
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neutrons from (p,x)



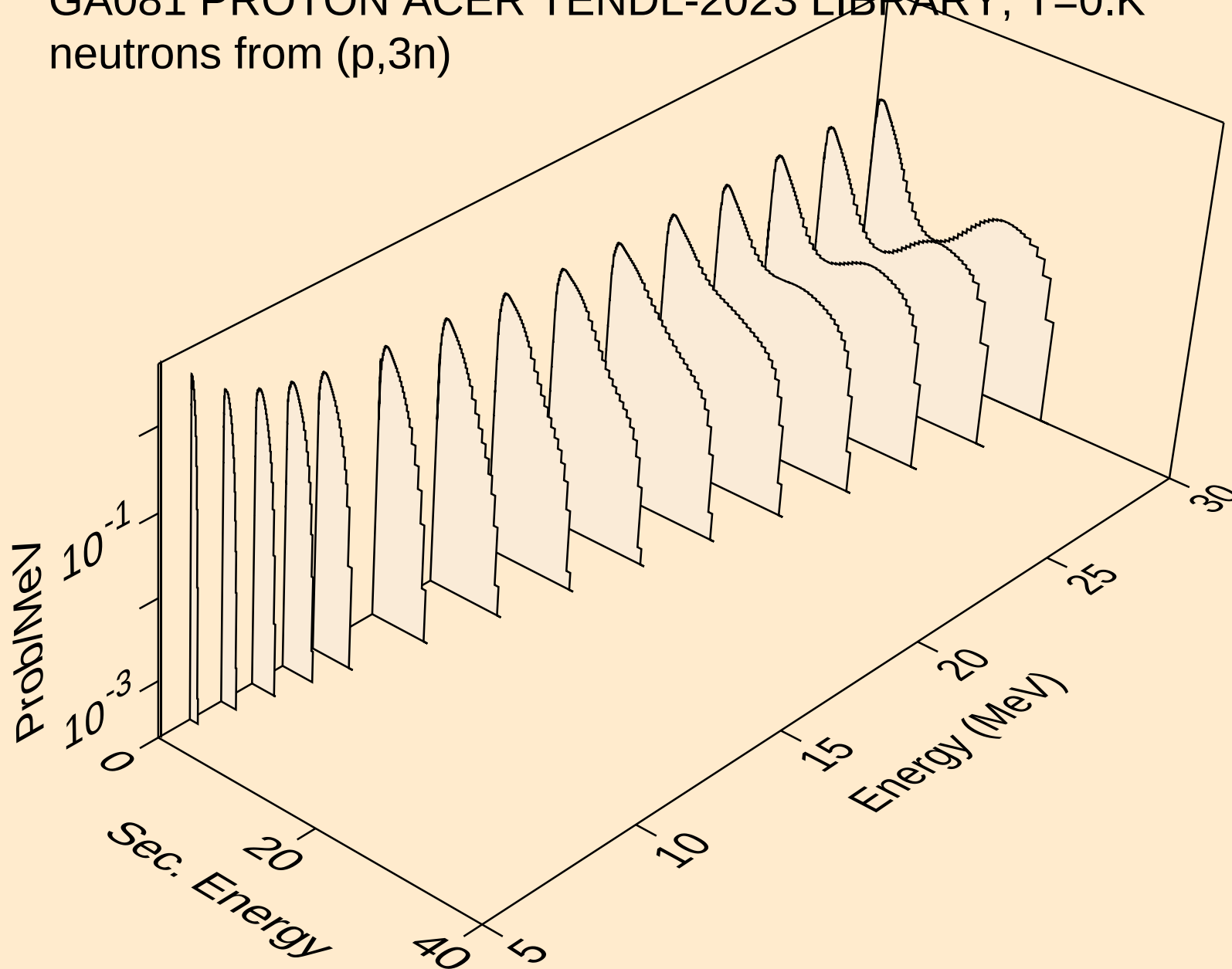
GA081 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2nd)



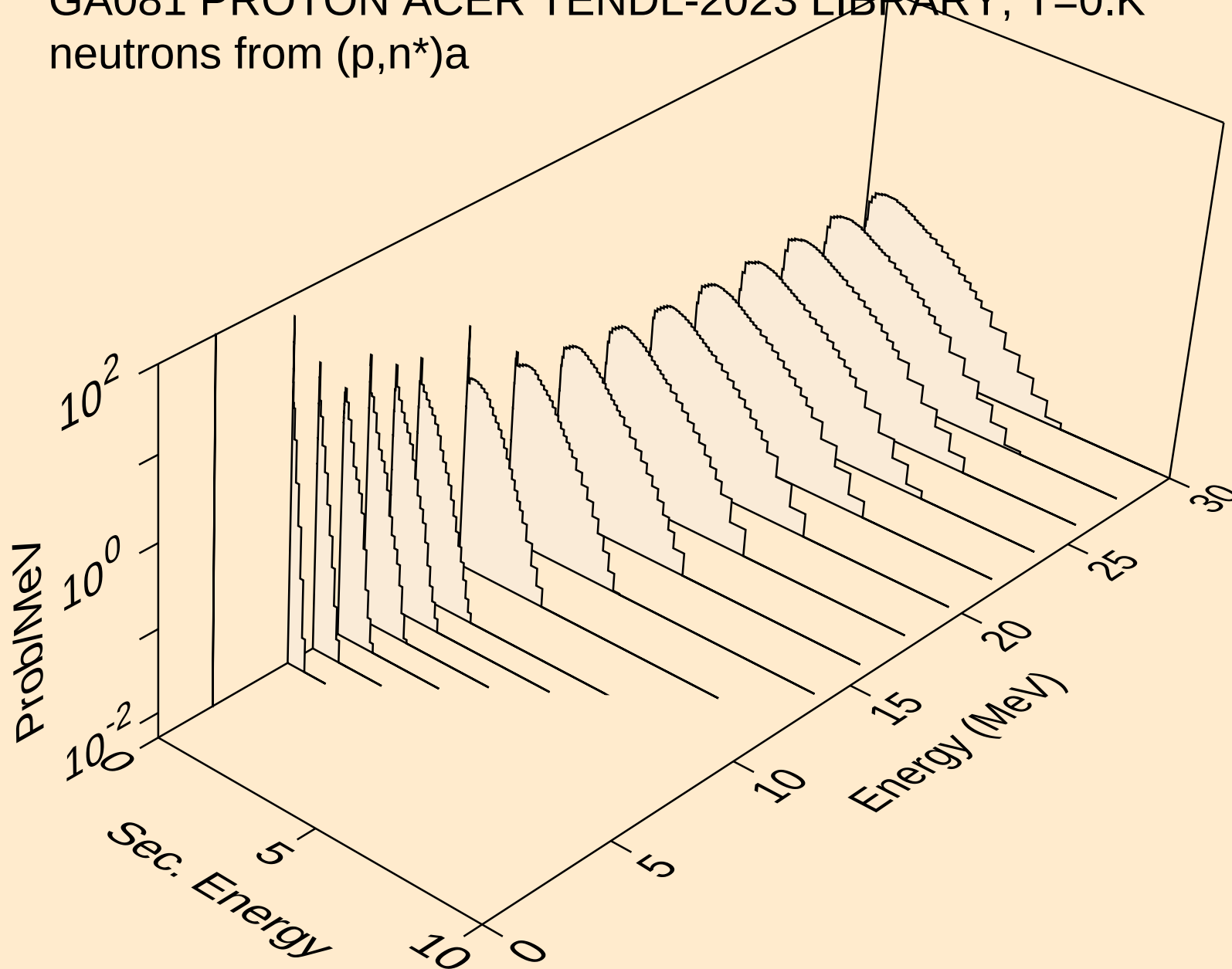
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neutrons from (p,2n)



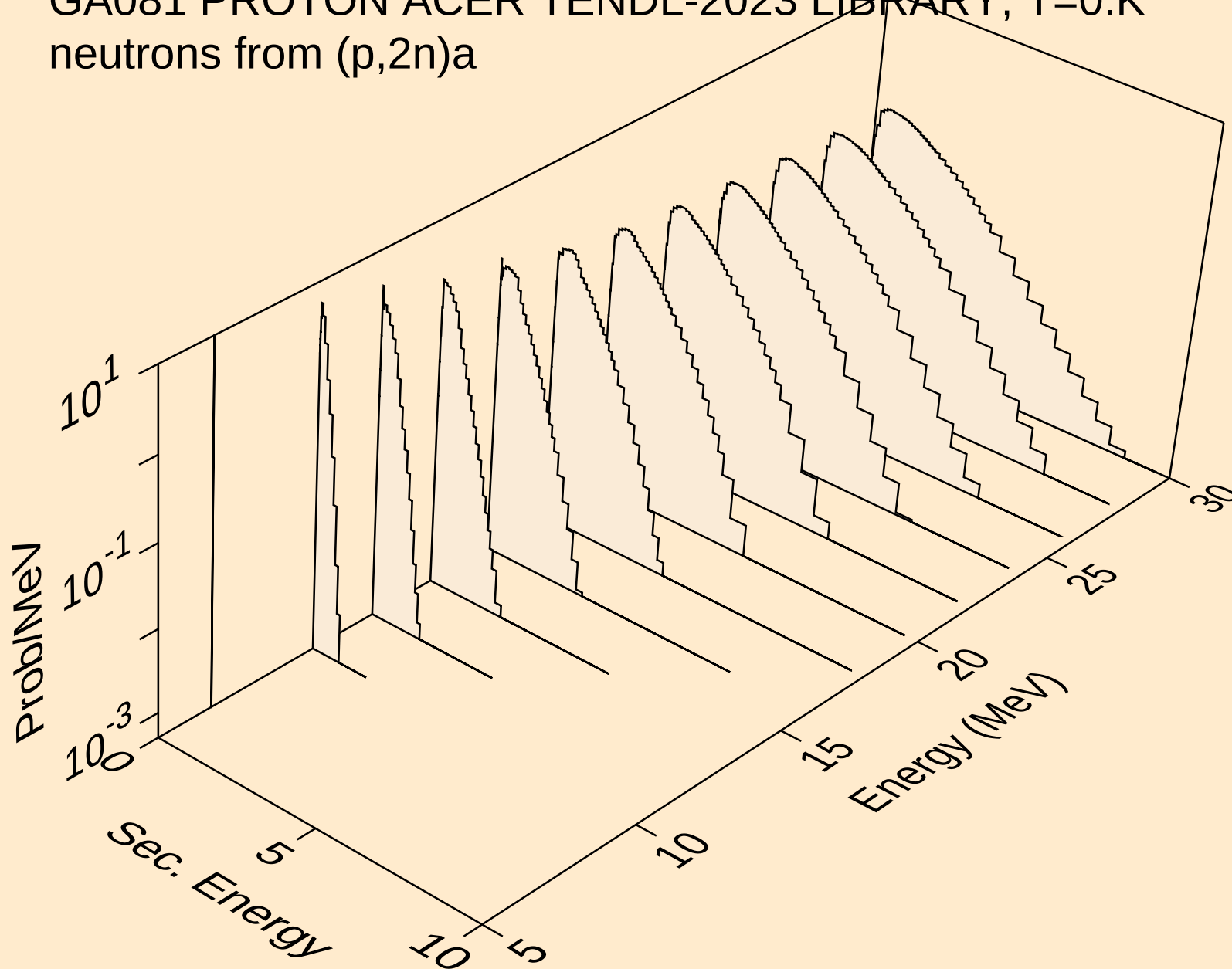
GA081 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)



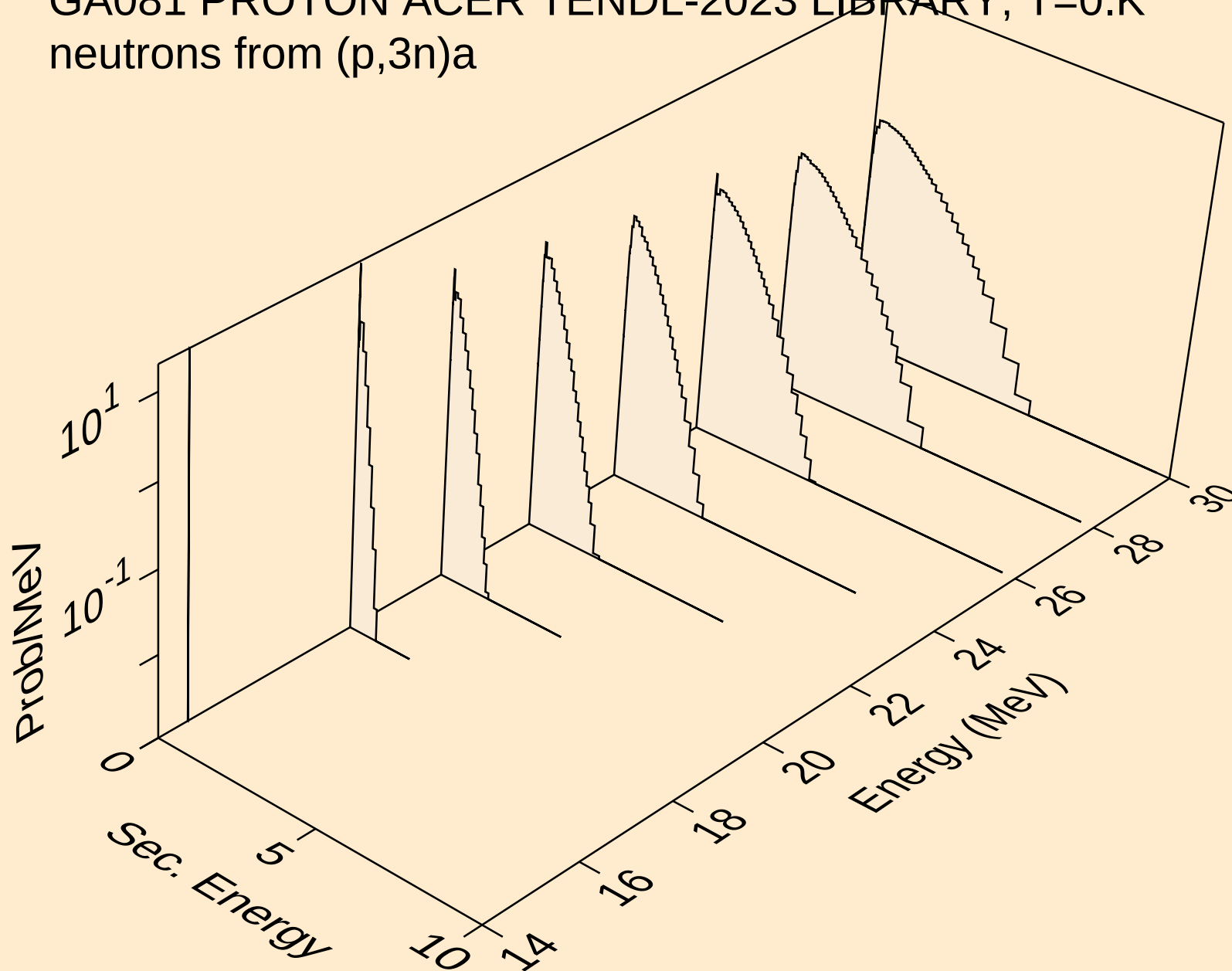
GA081 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



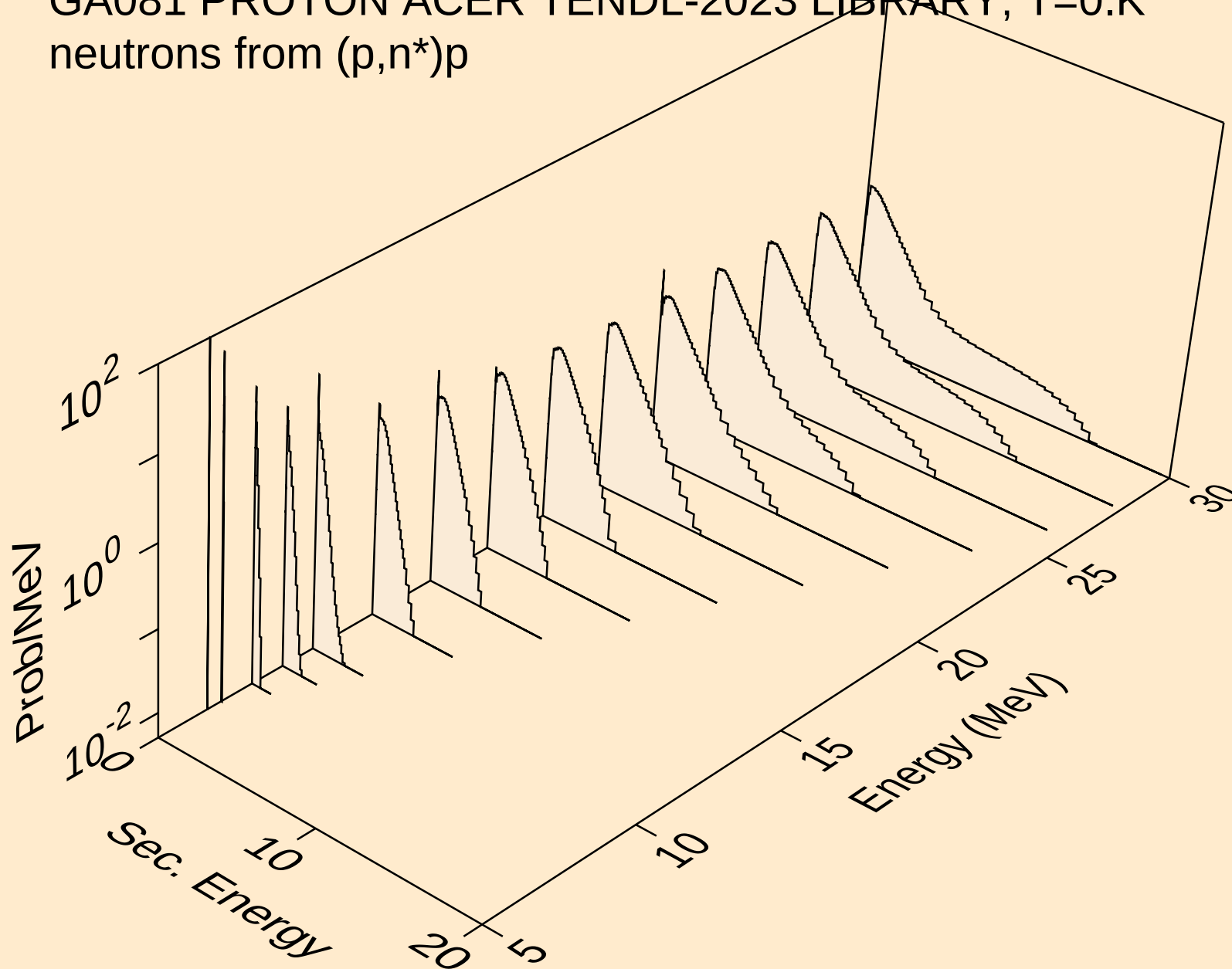
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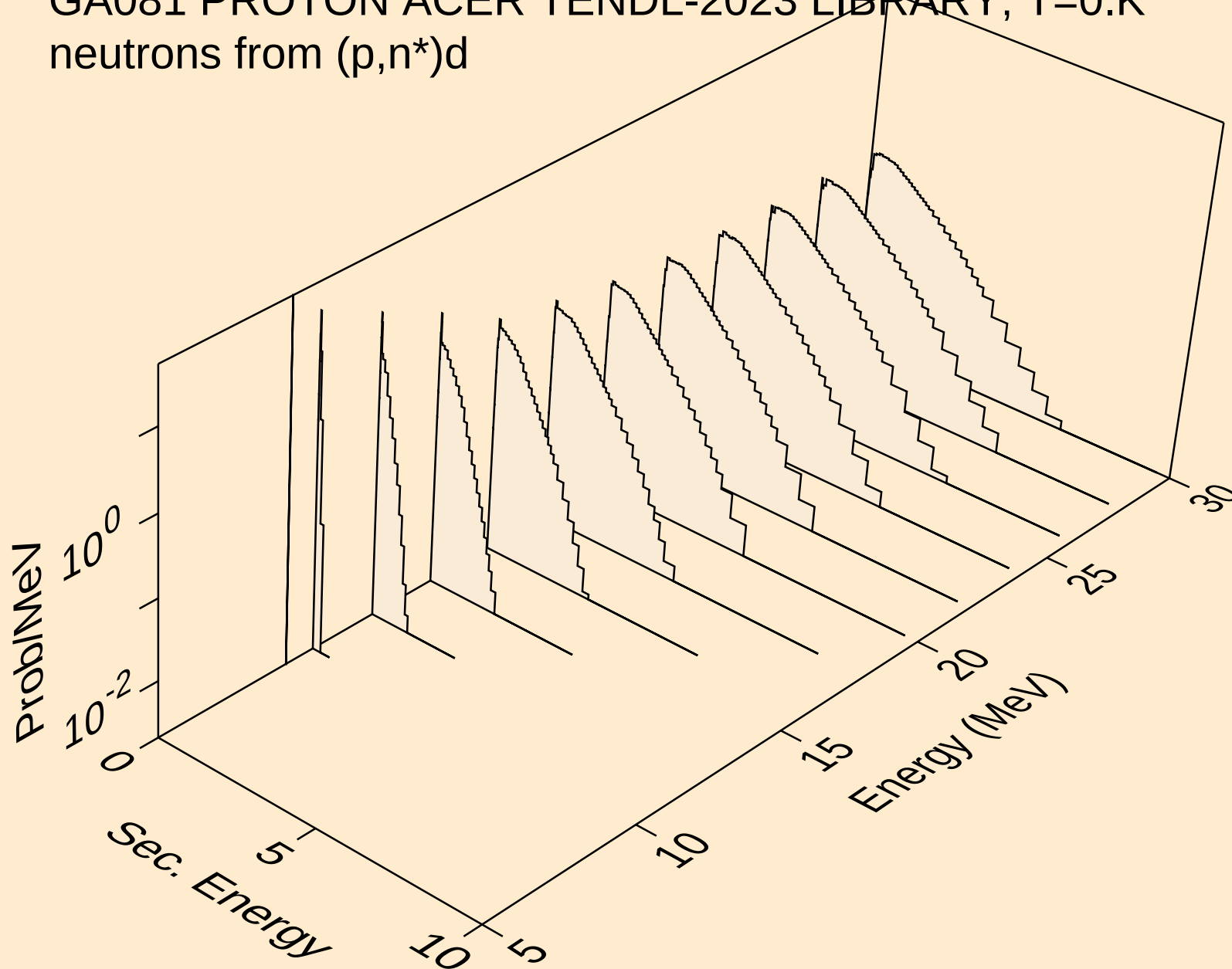
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neutrons from (p,3n)a



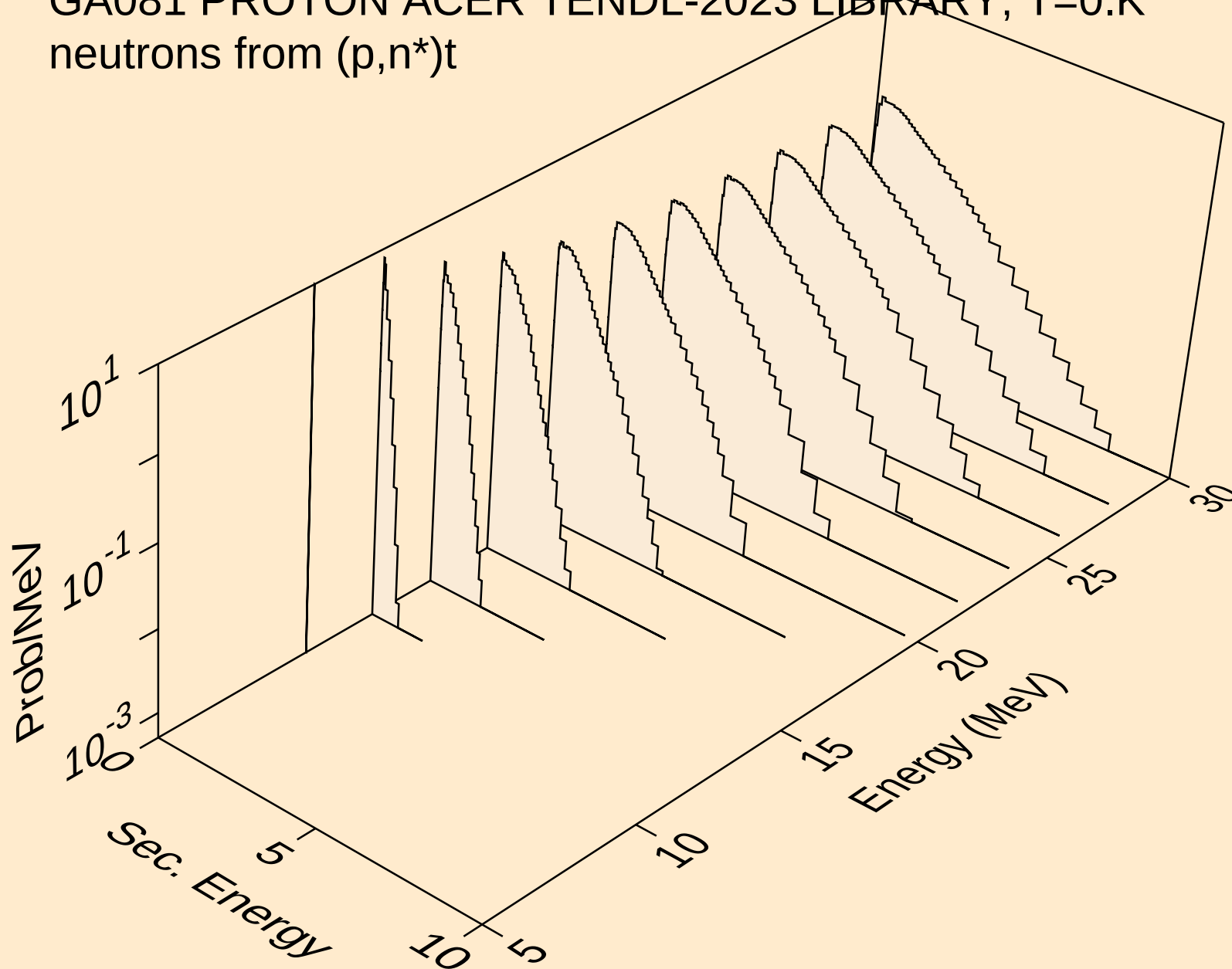
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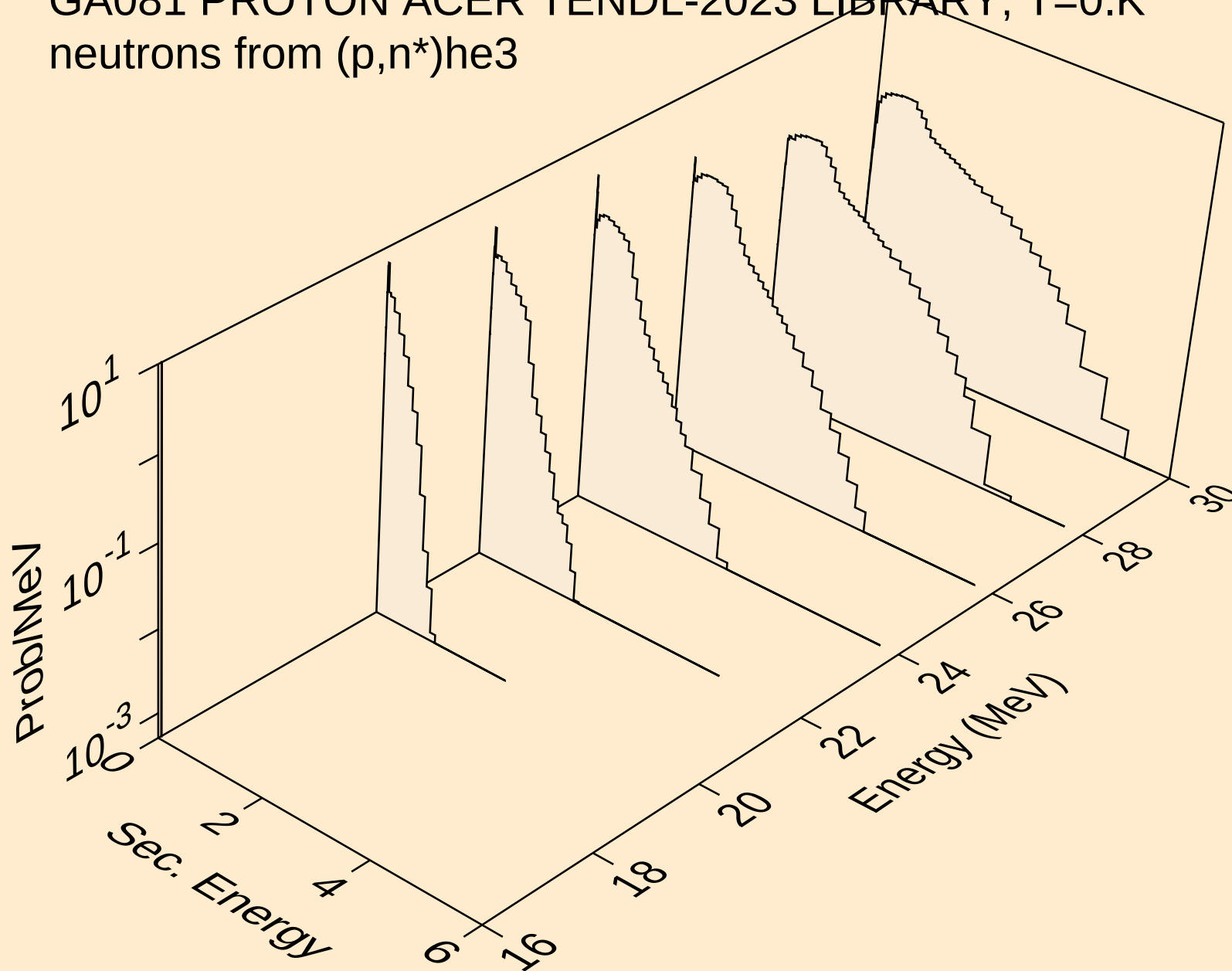
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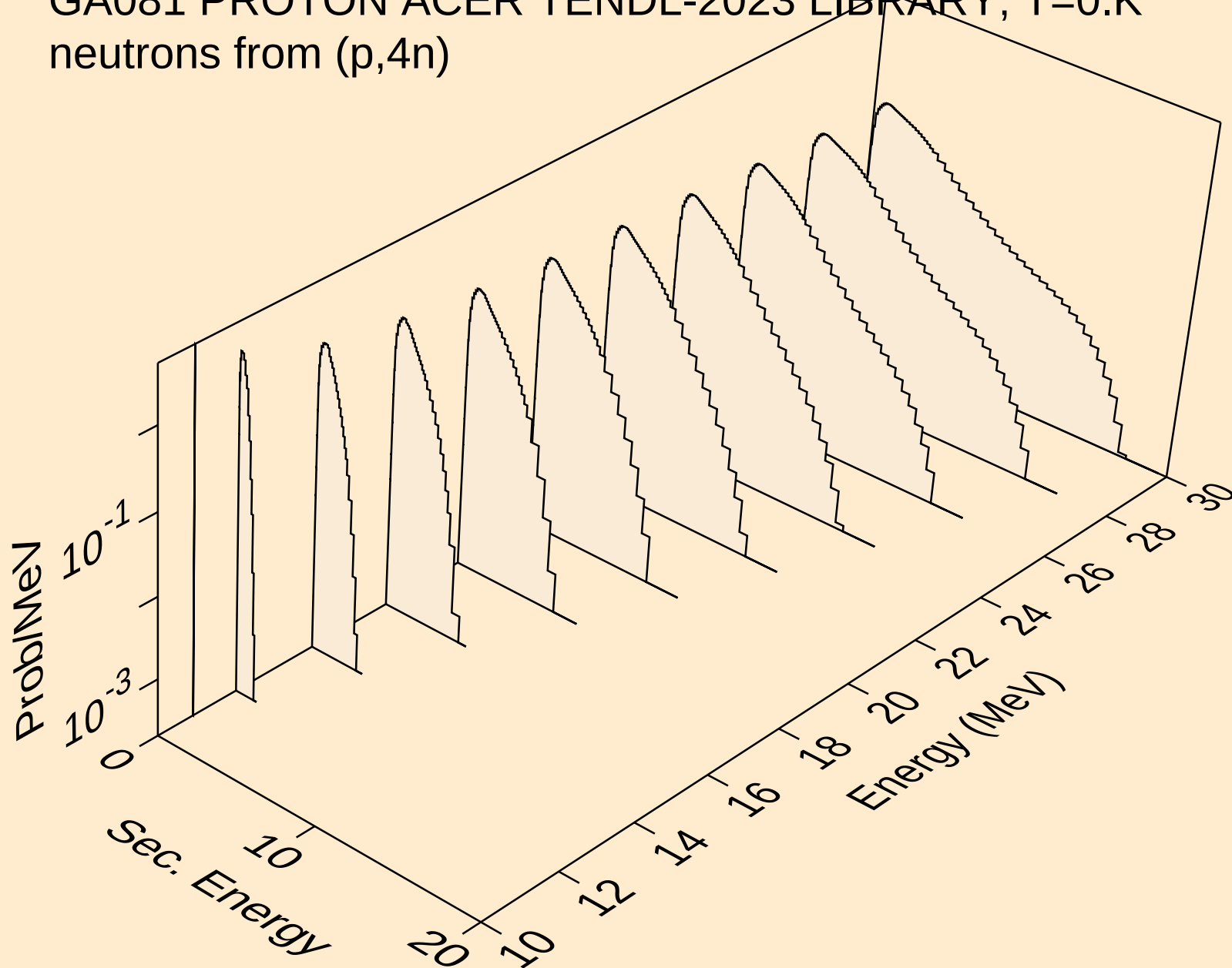
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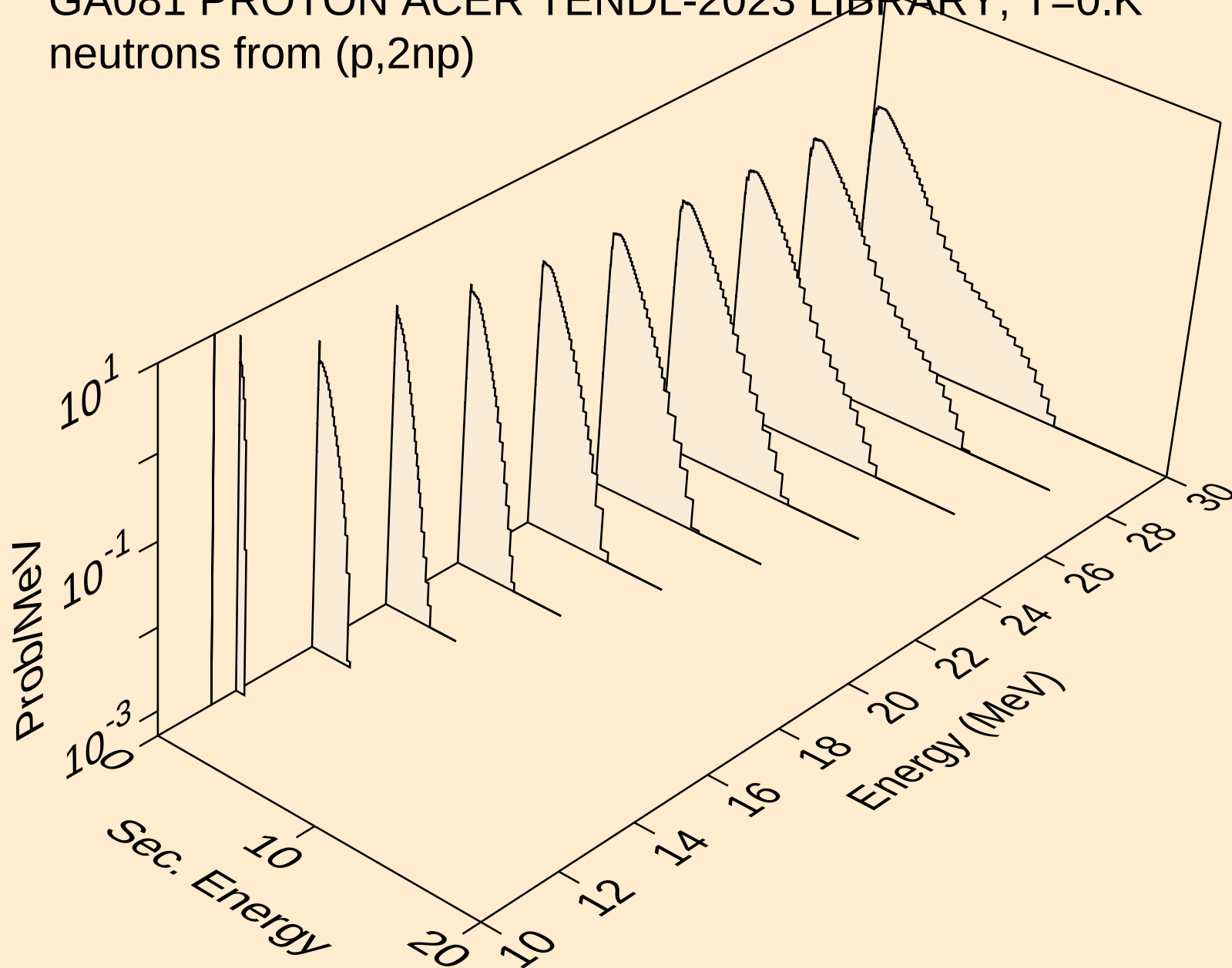
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neutrons from (p,n\*)he3



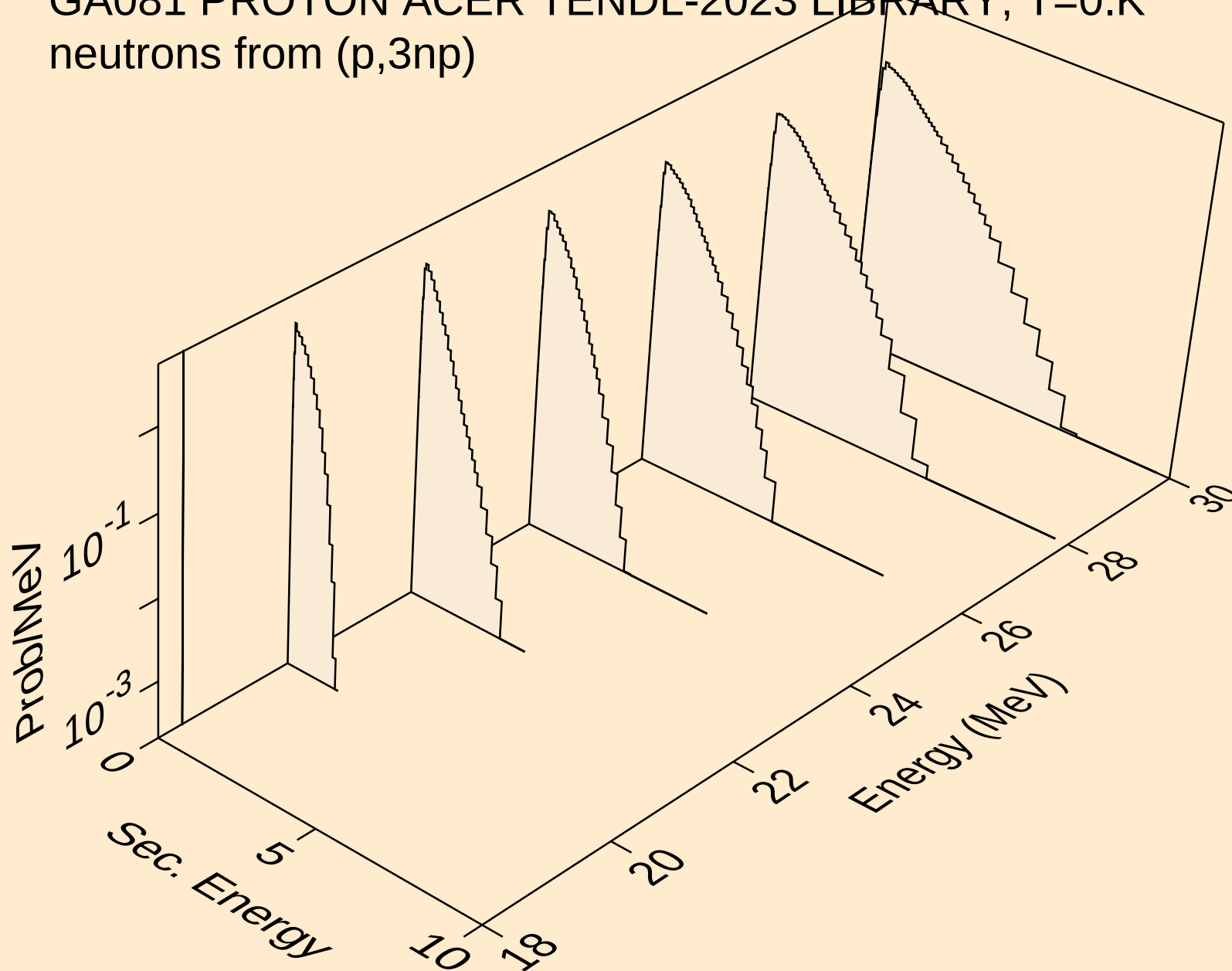
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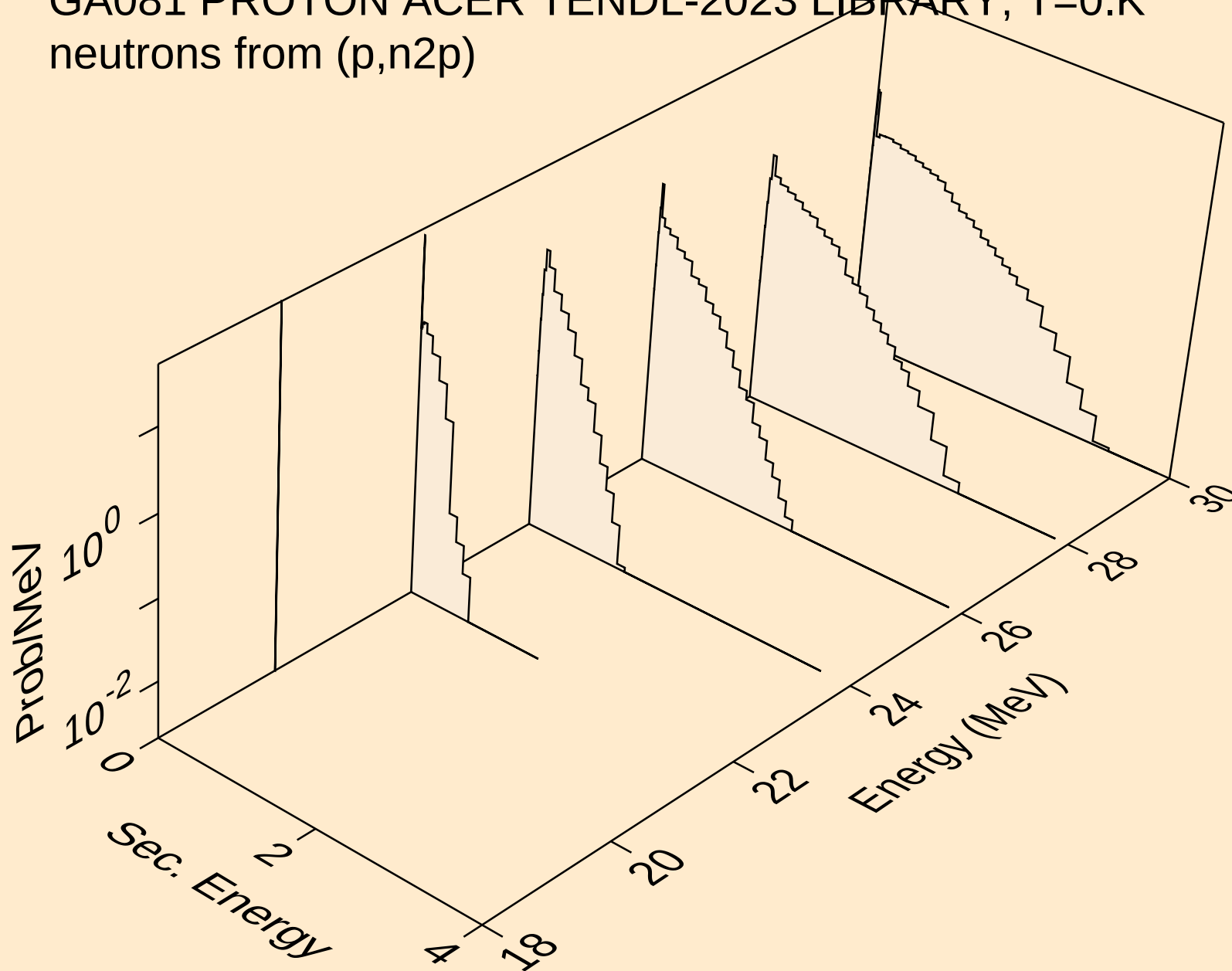
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neutrons from (p,2np)



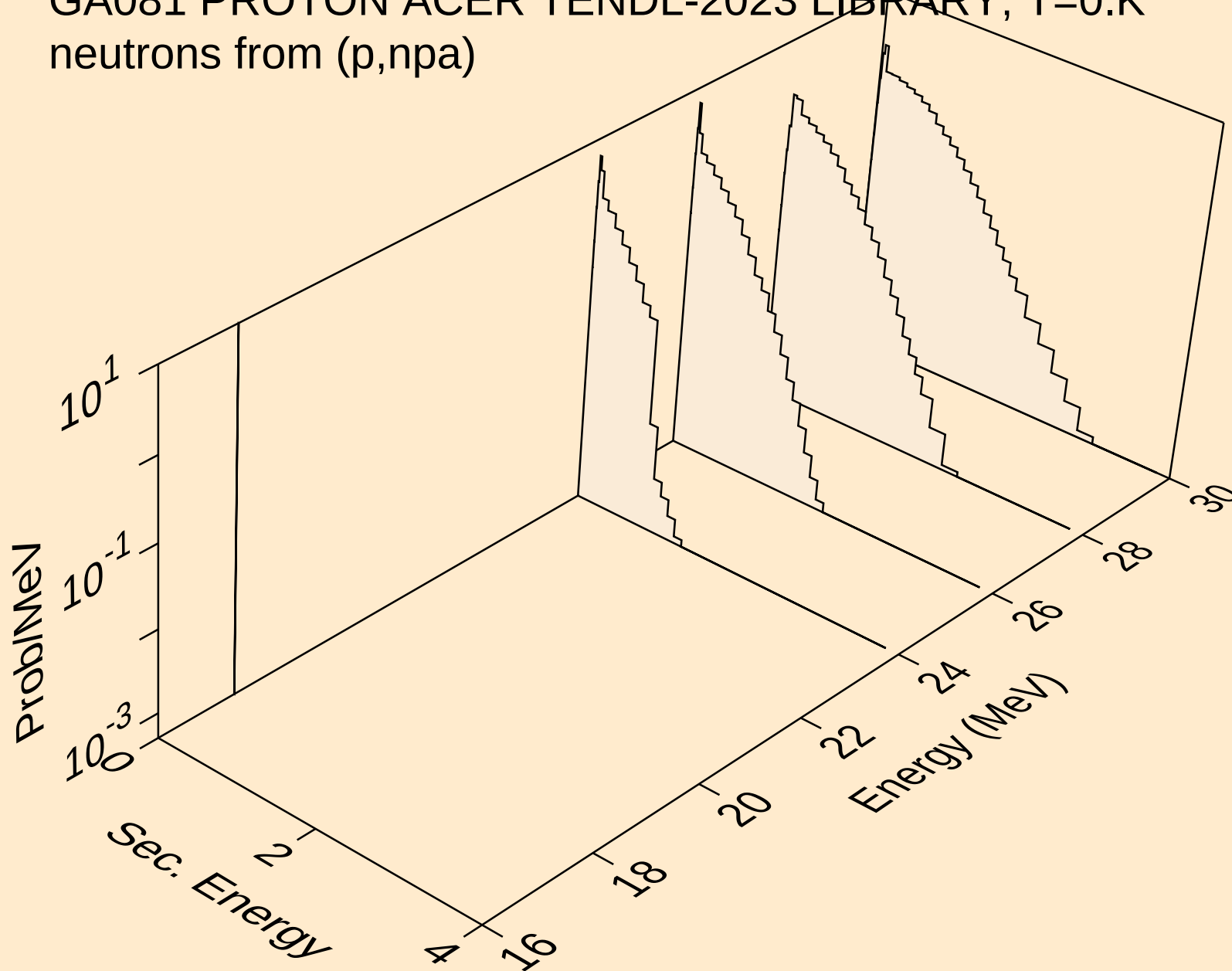
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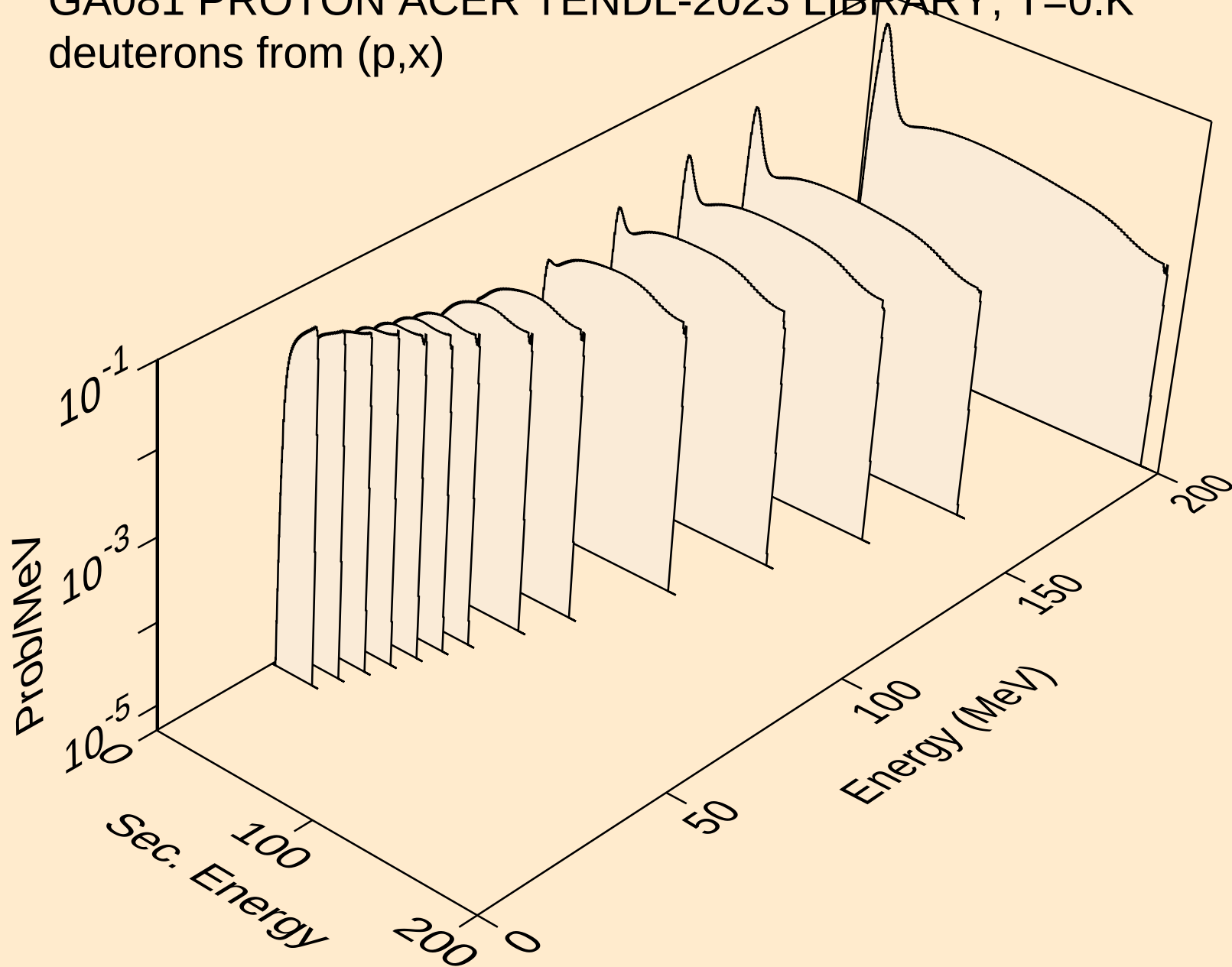
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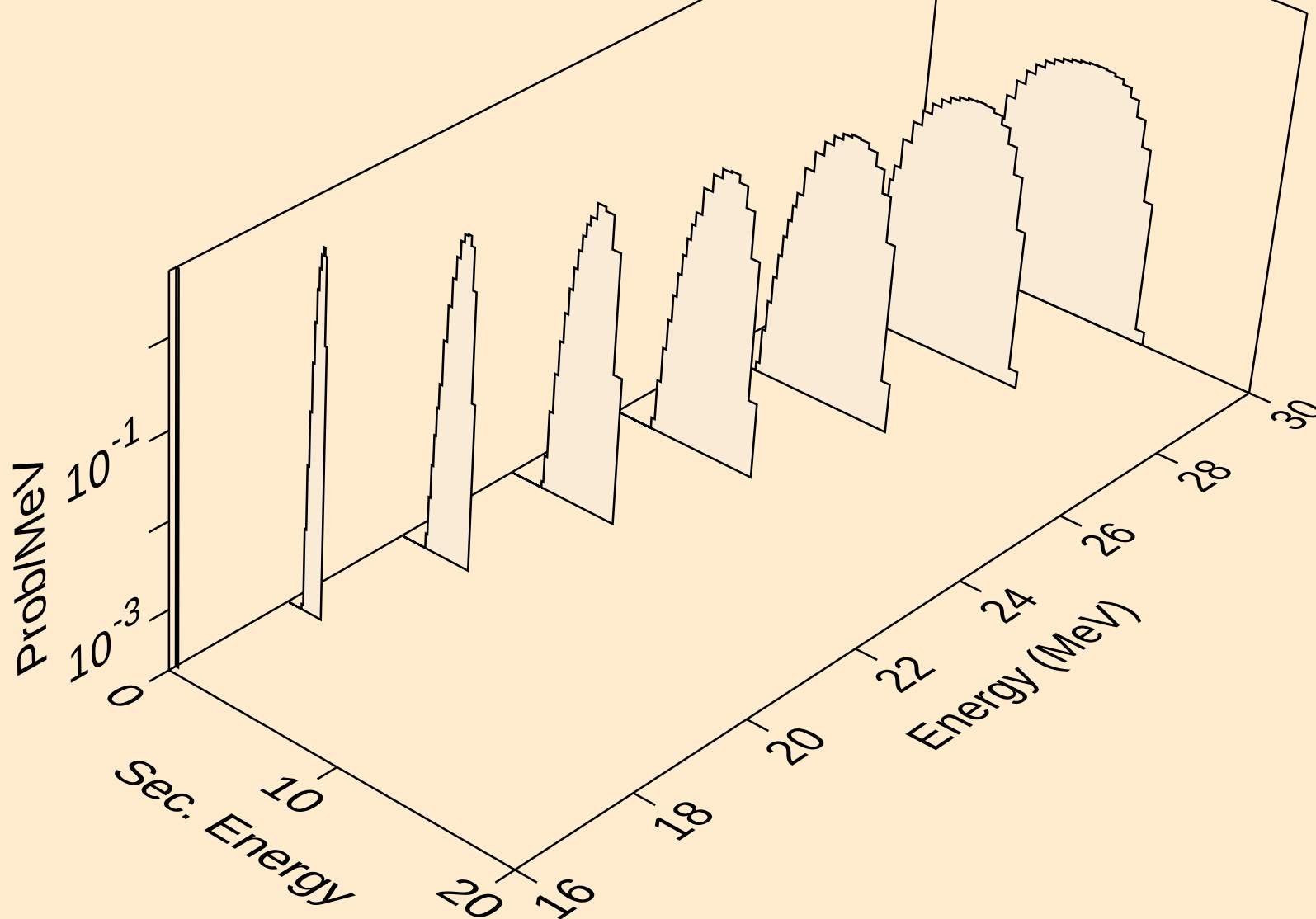
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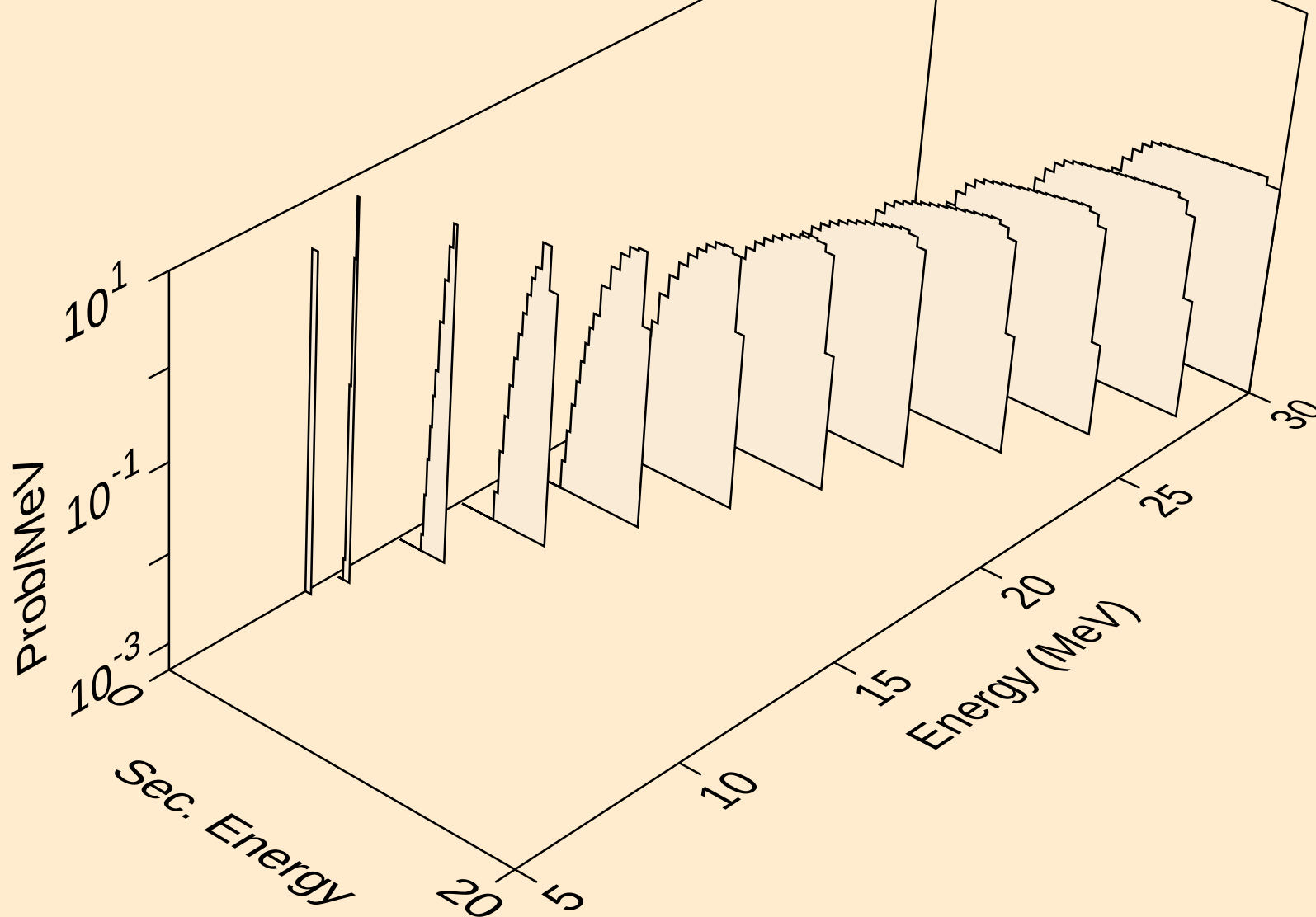
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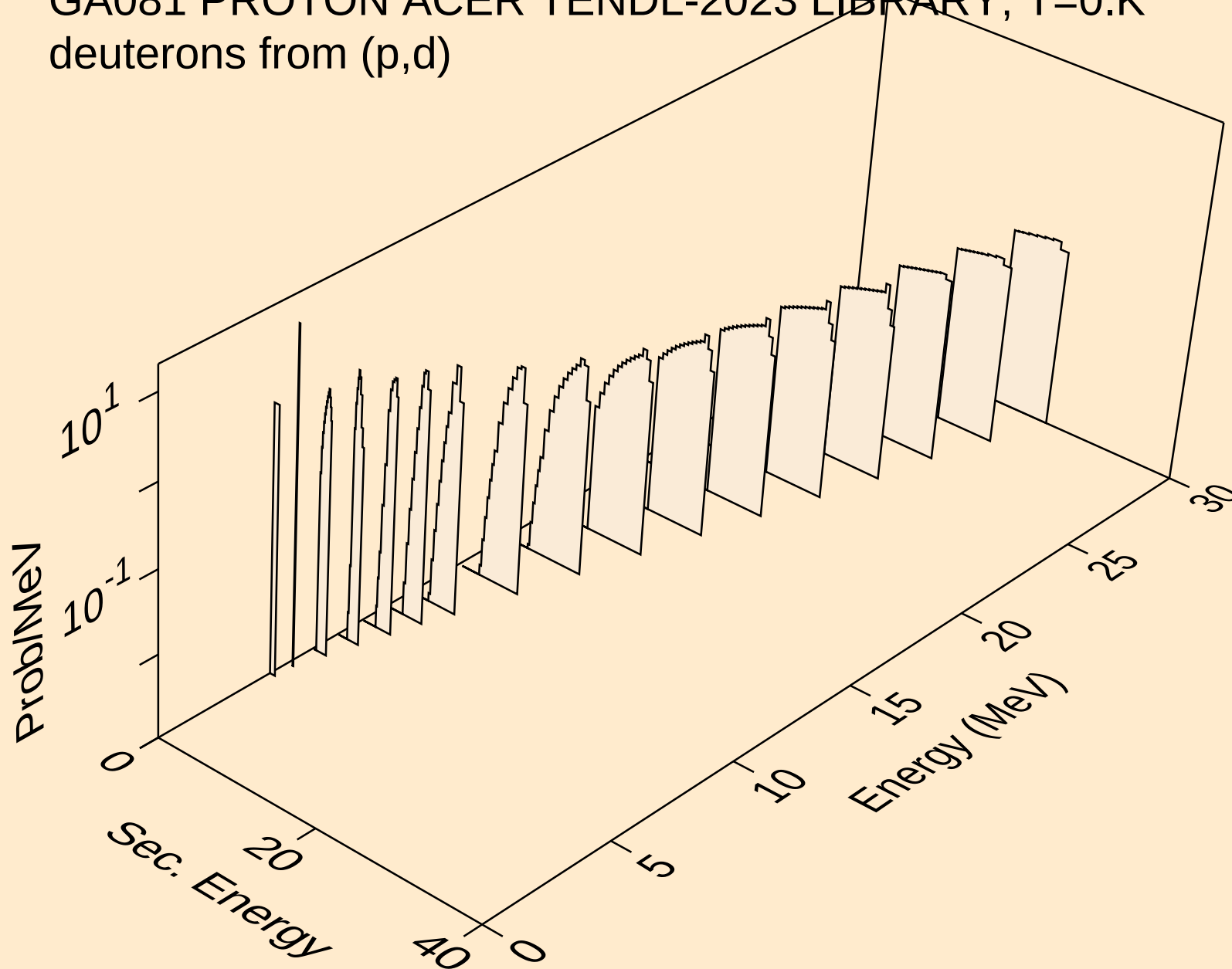
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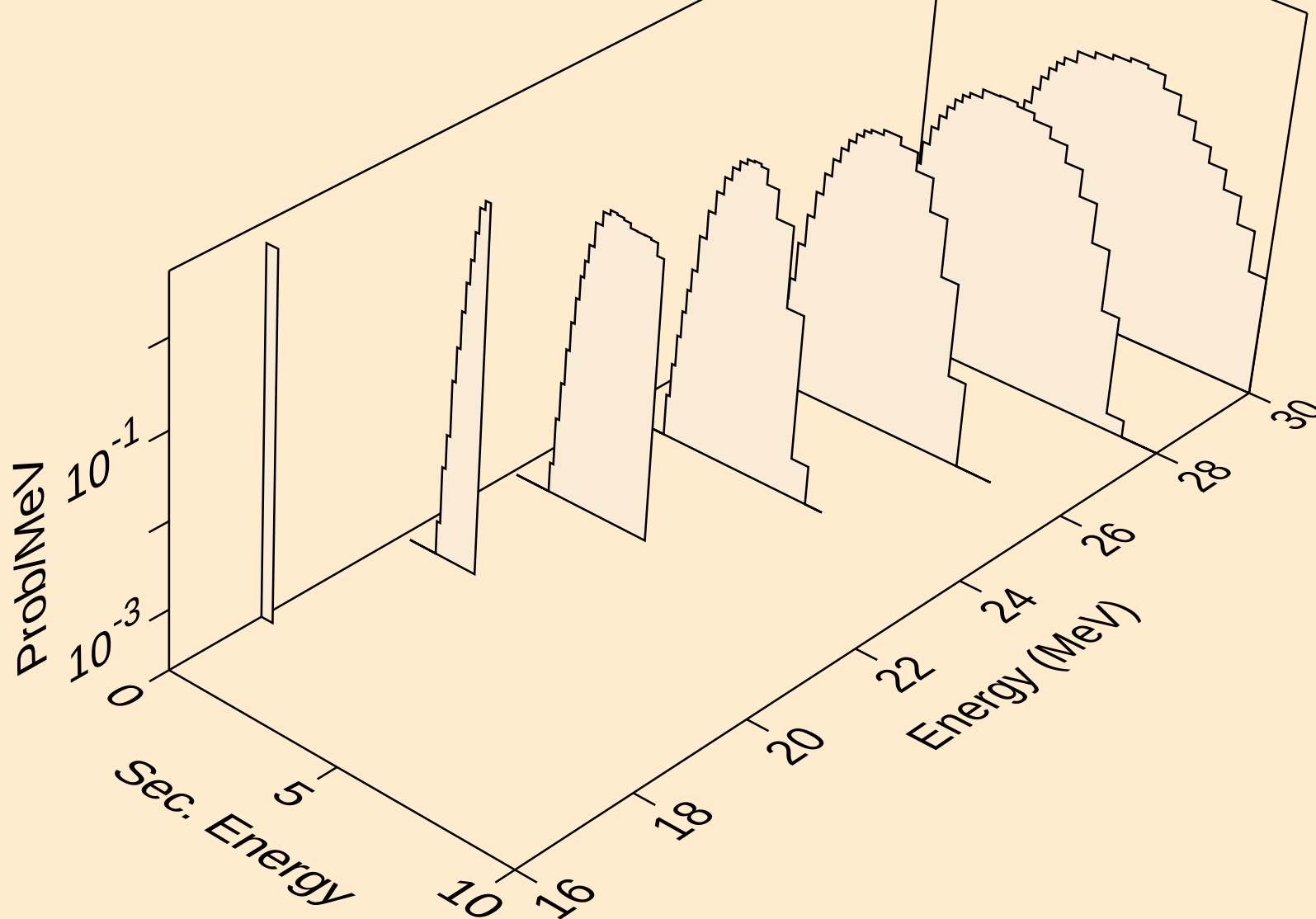
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deuterons from (p,n\*)d



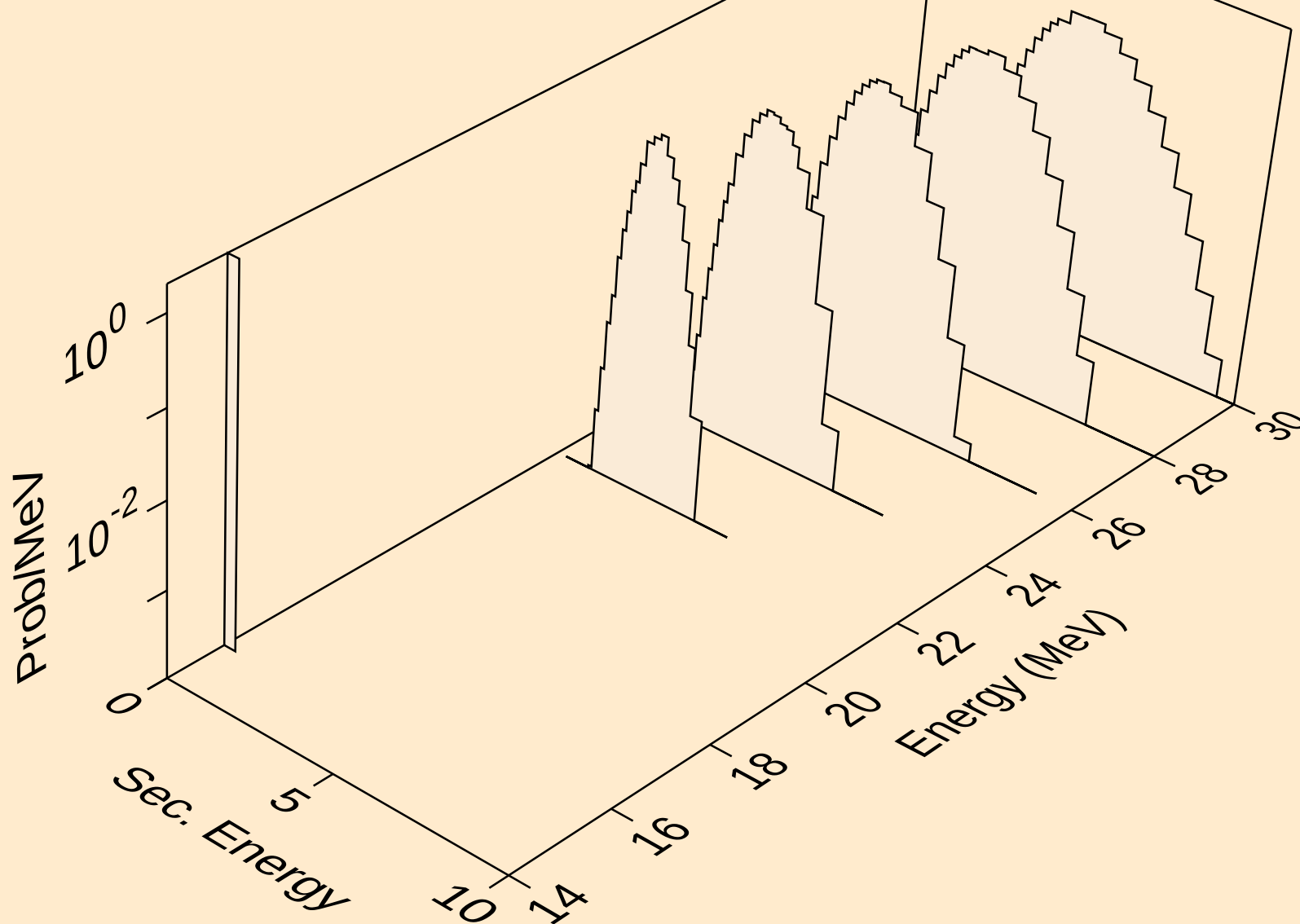
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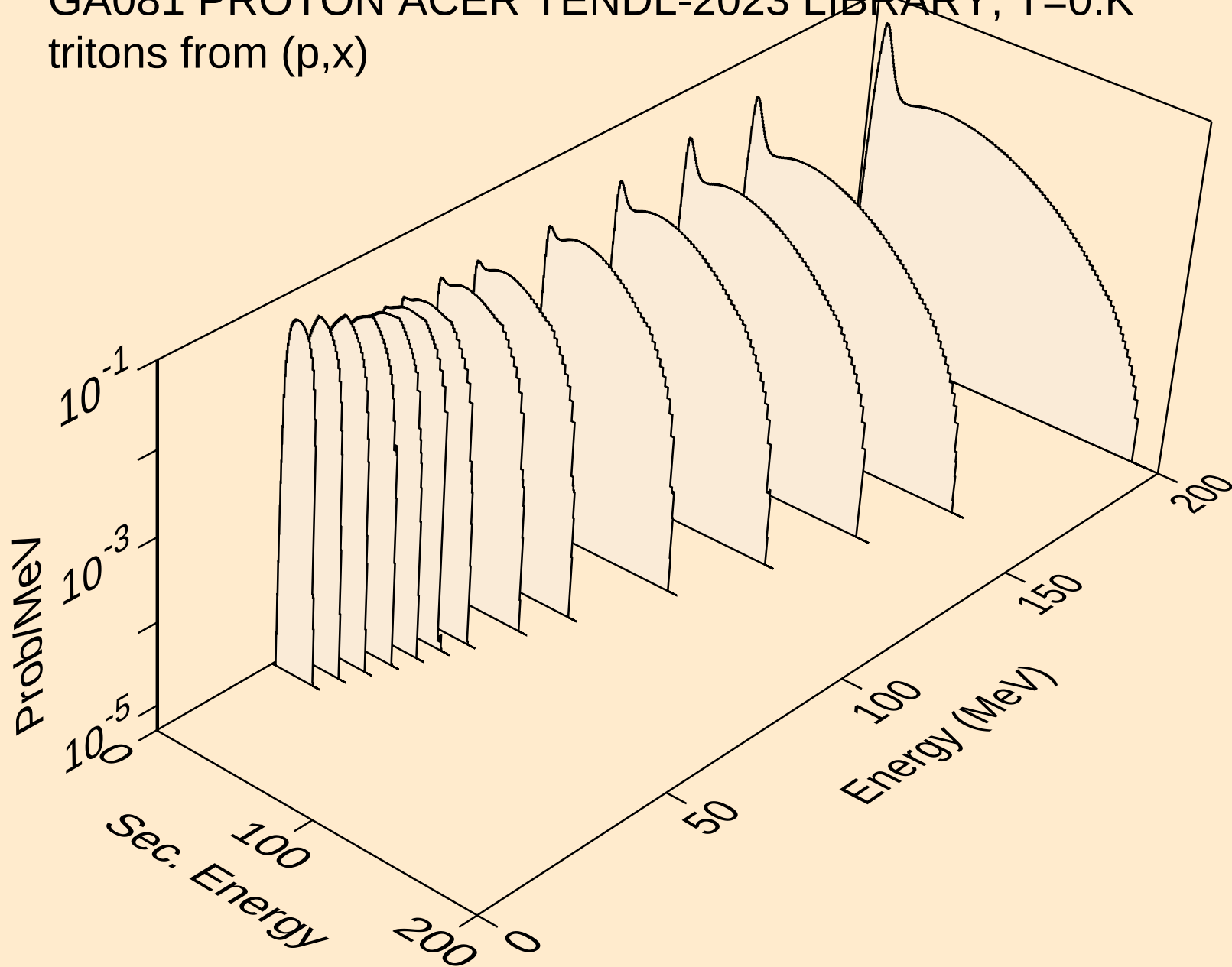
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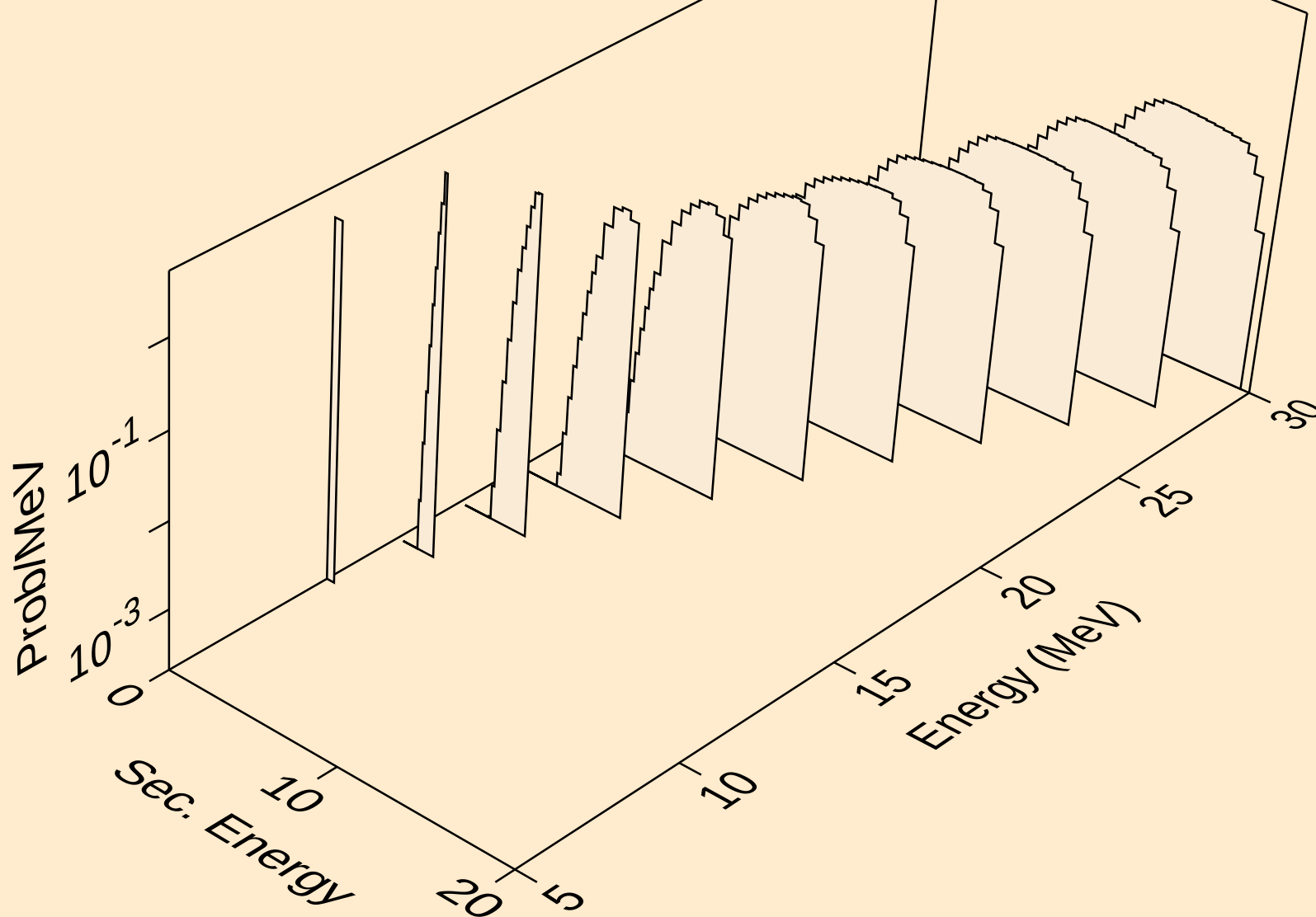
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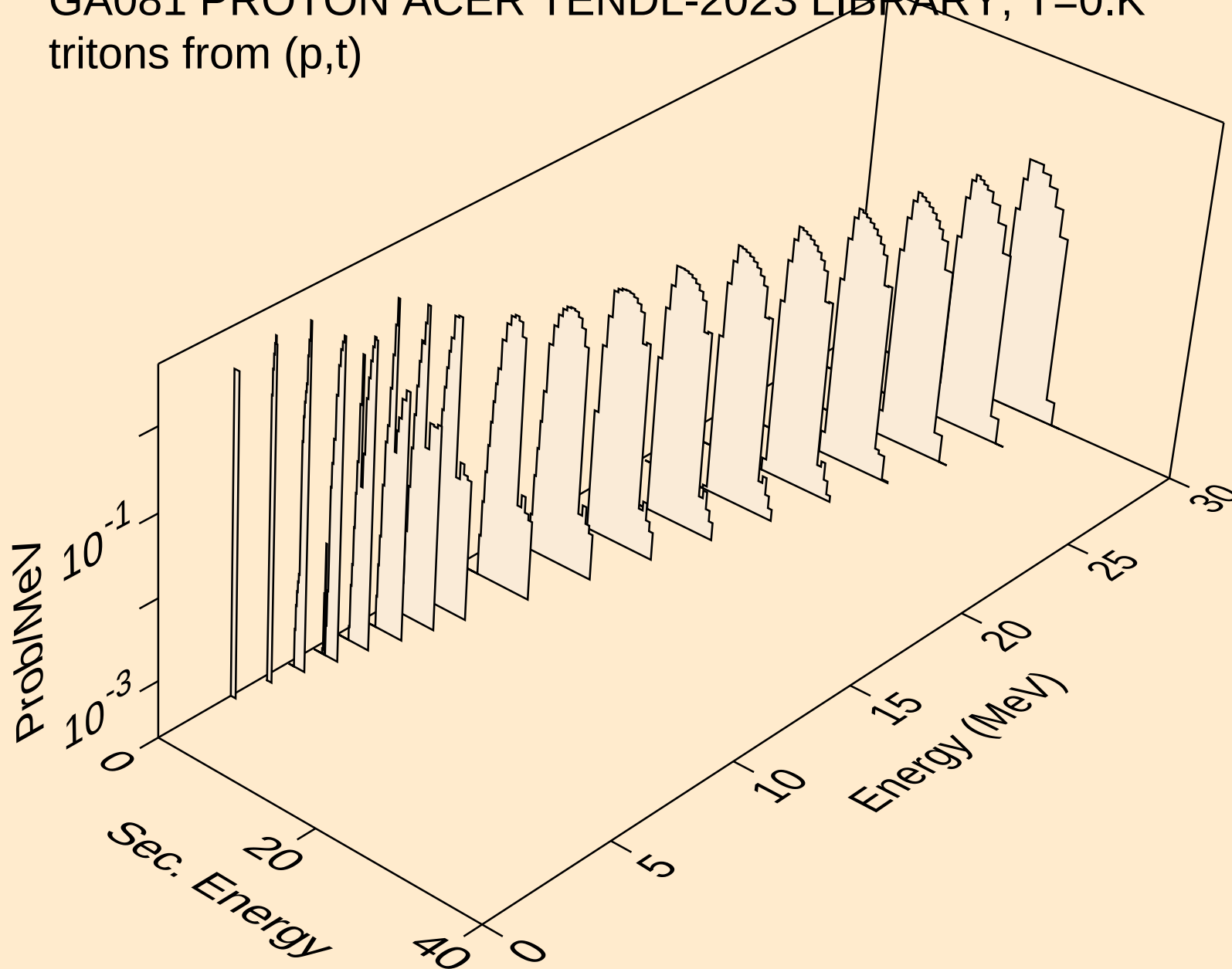
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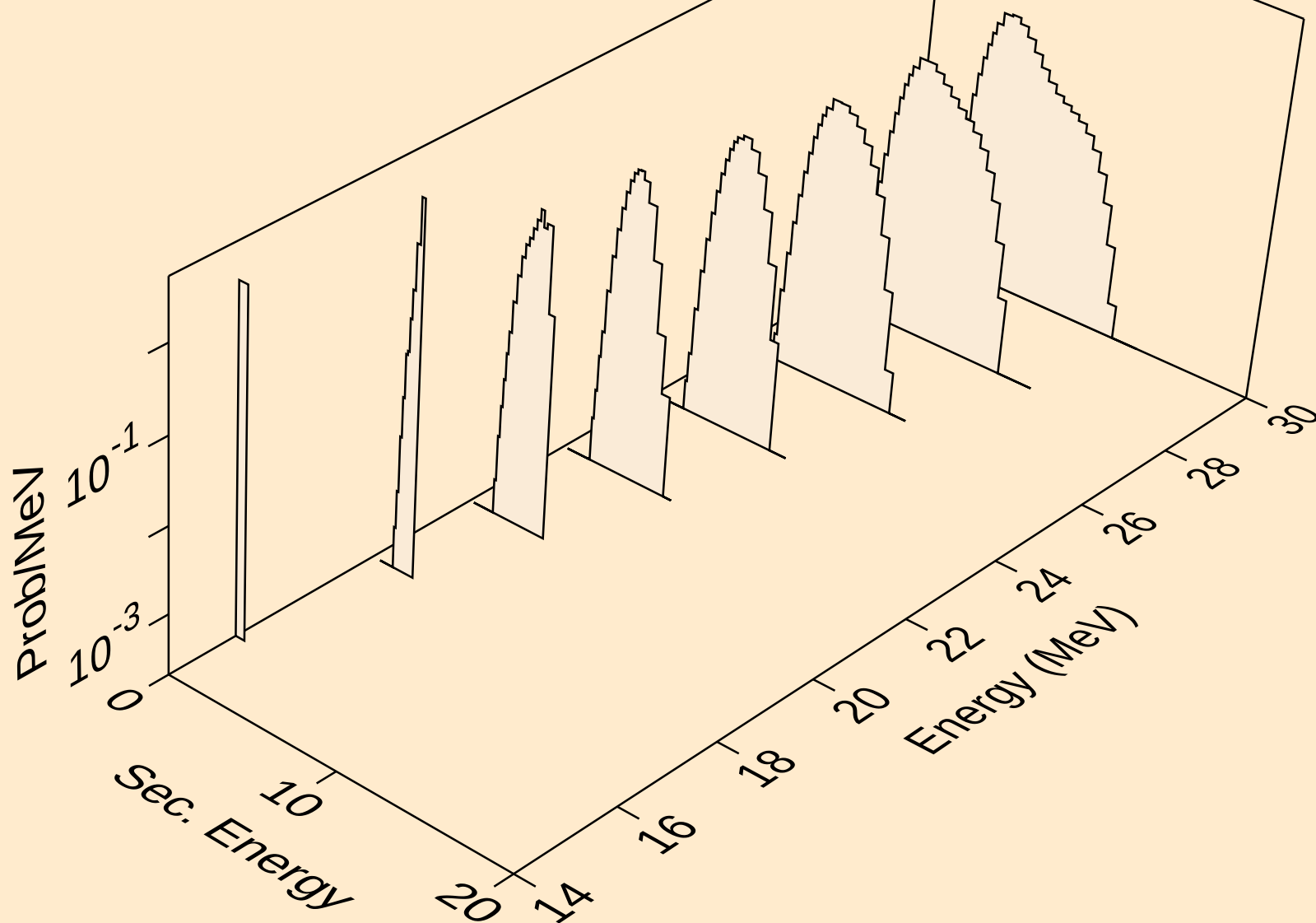
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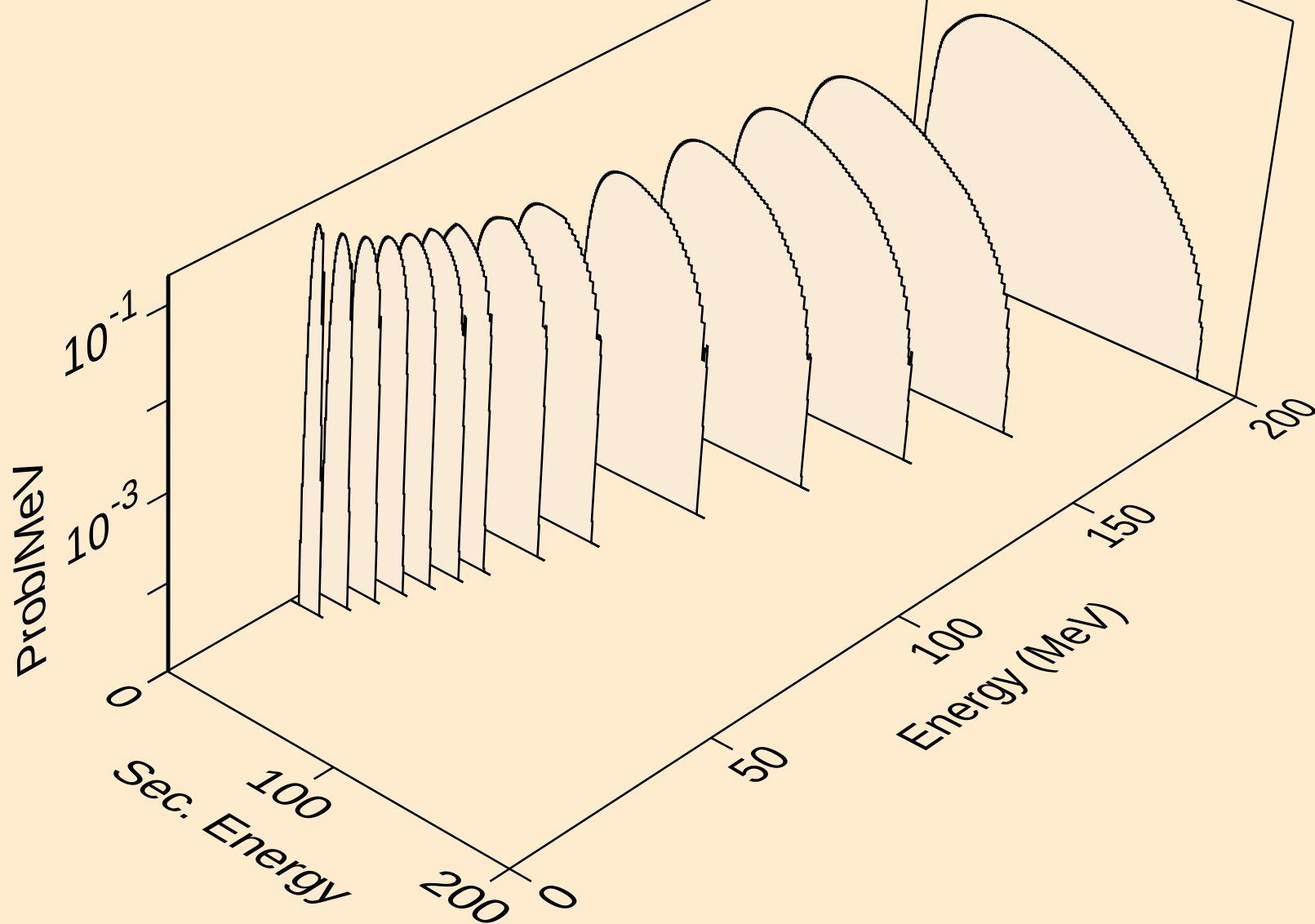
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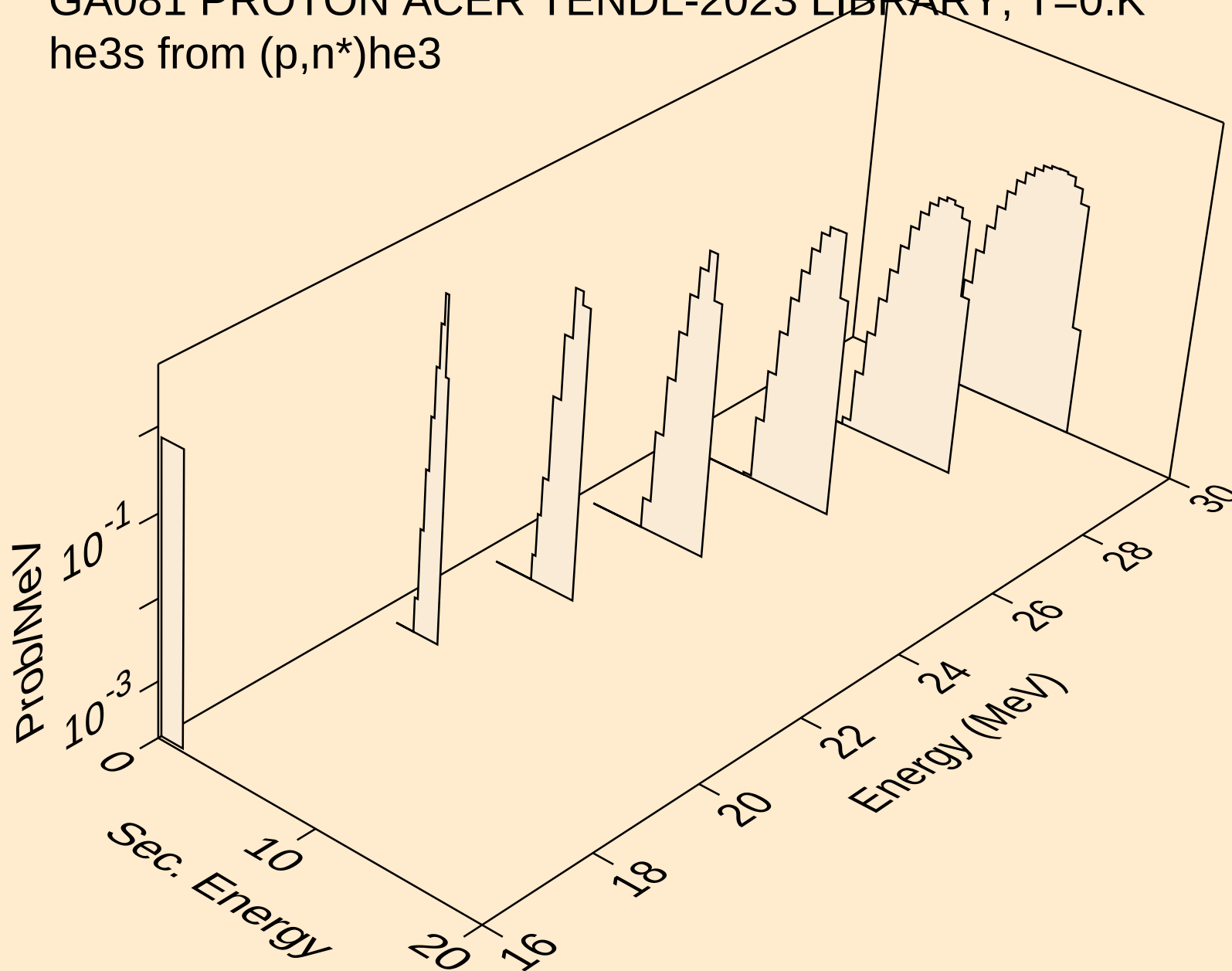
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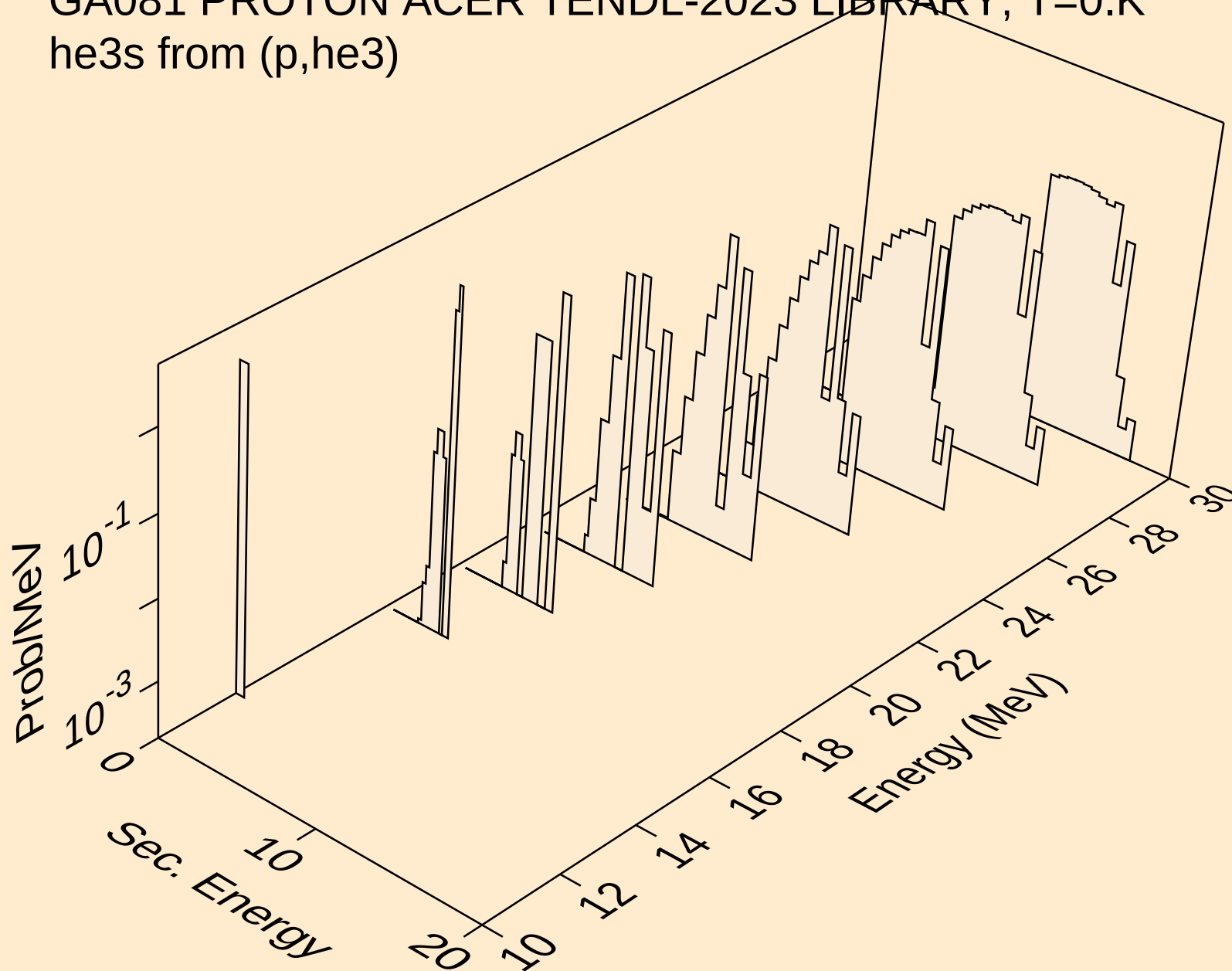
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he3s from (p,x)



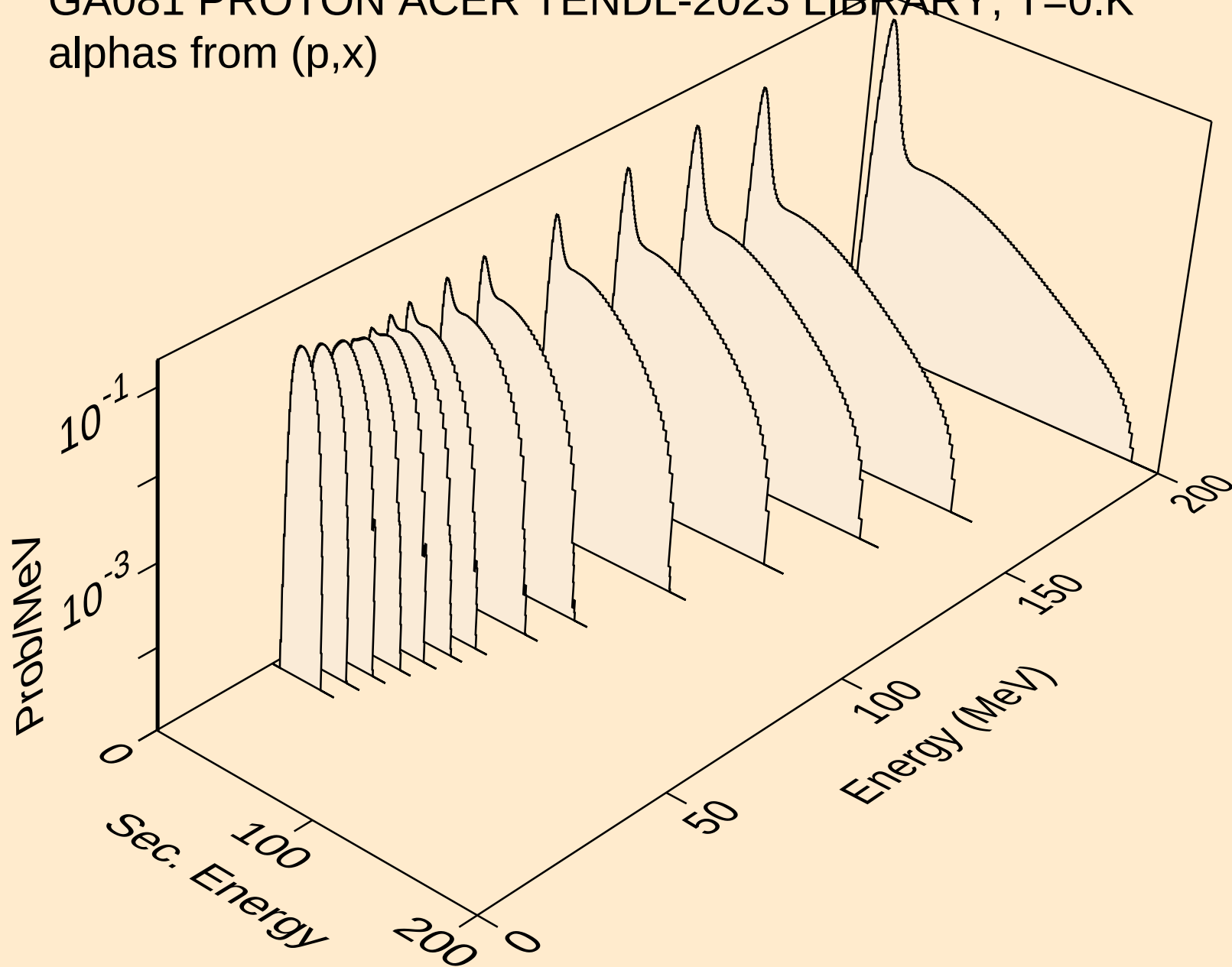
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he3s from (p,n\*)he3



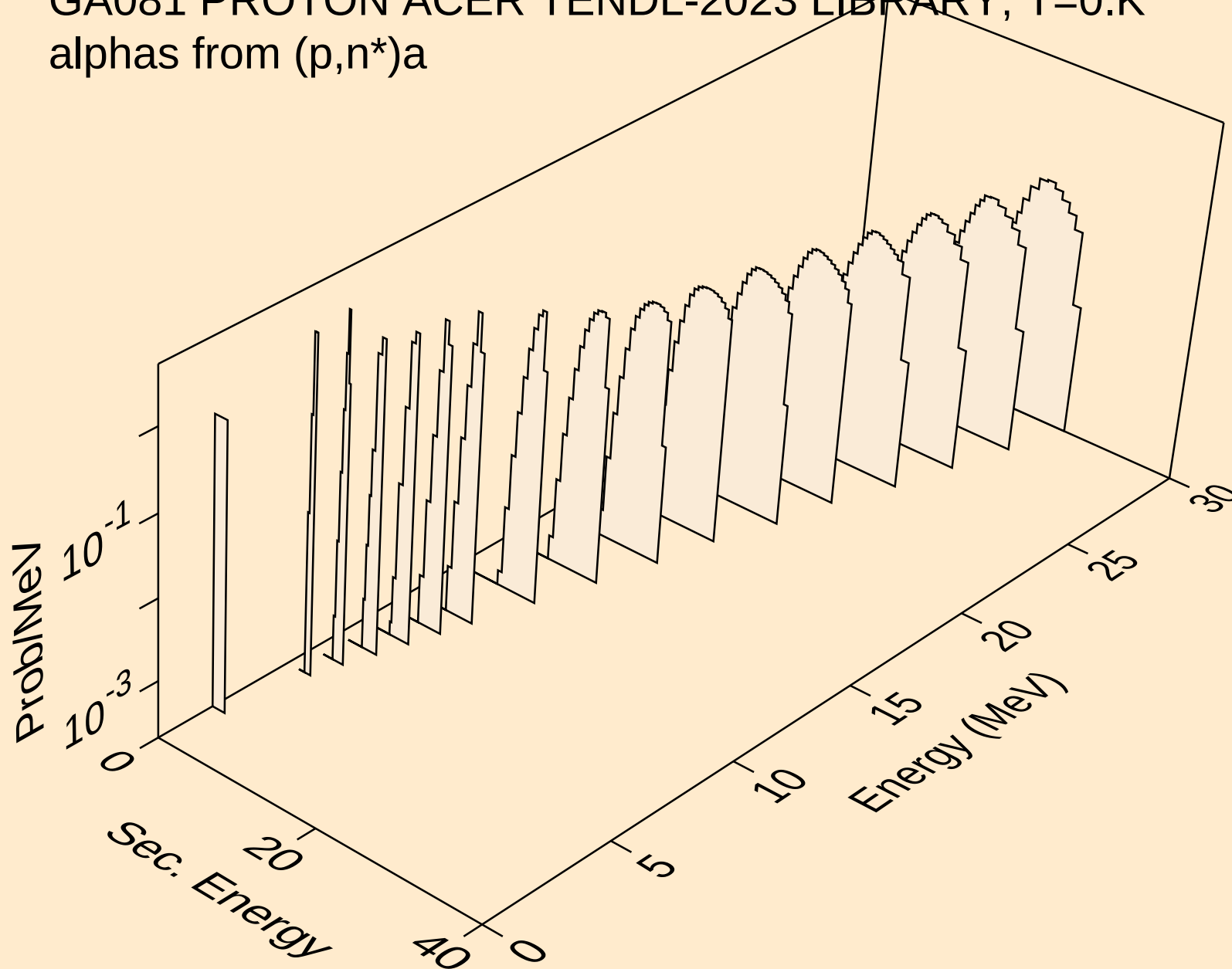
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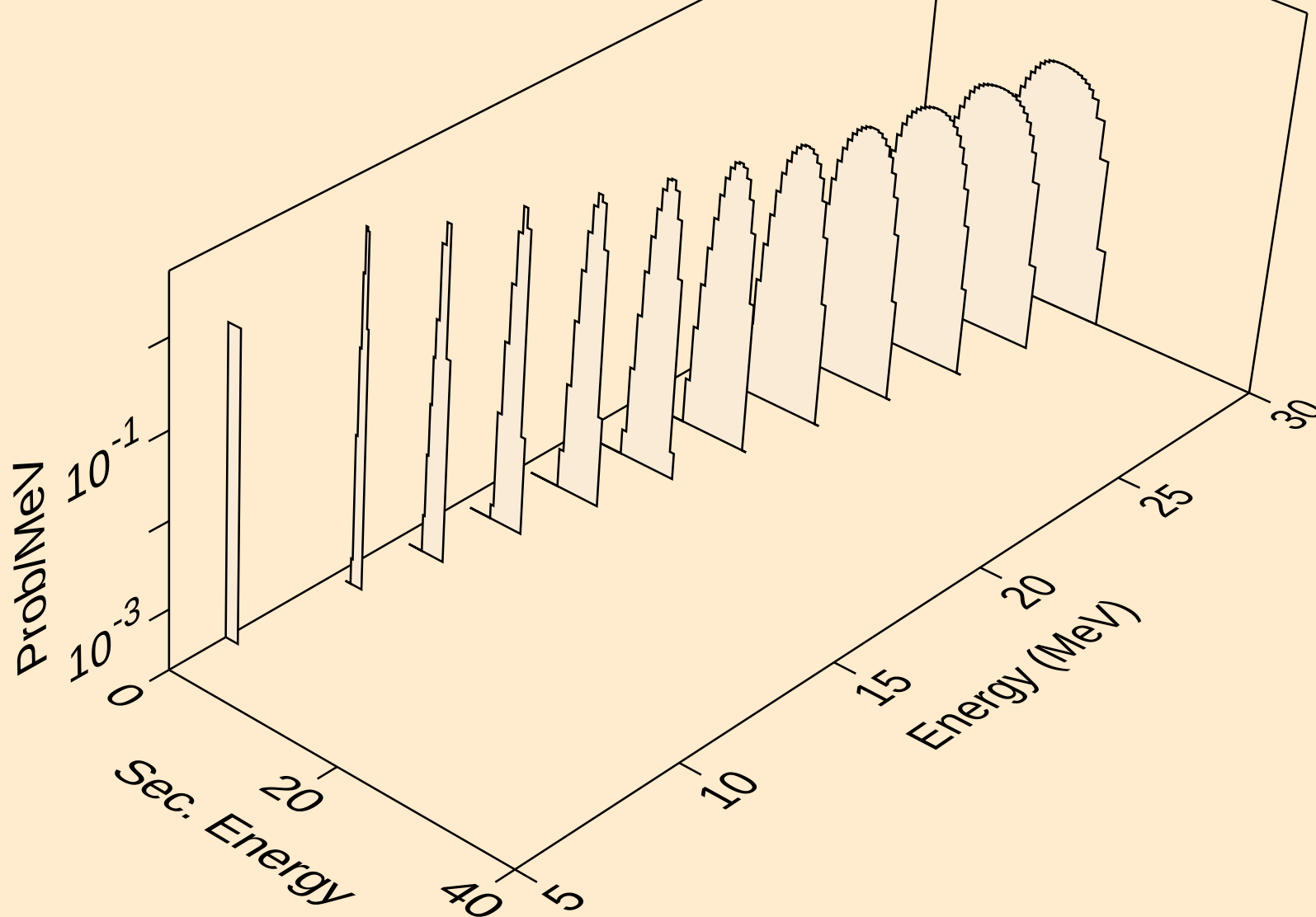
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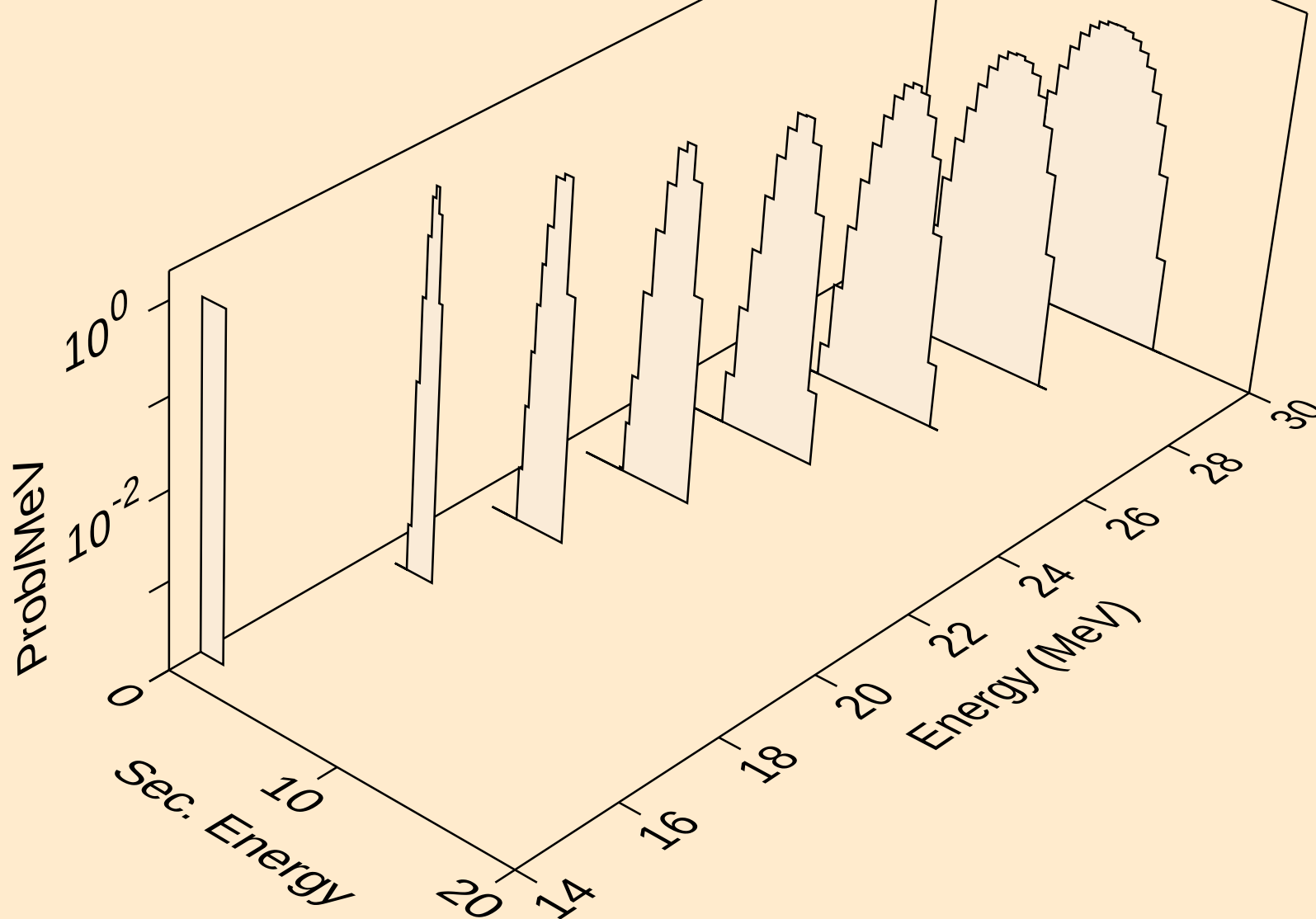
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alphas from (p,n\*)a



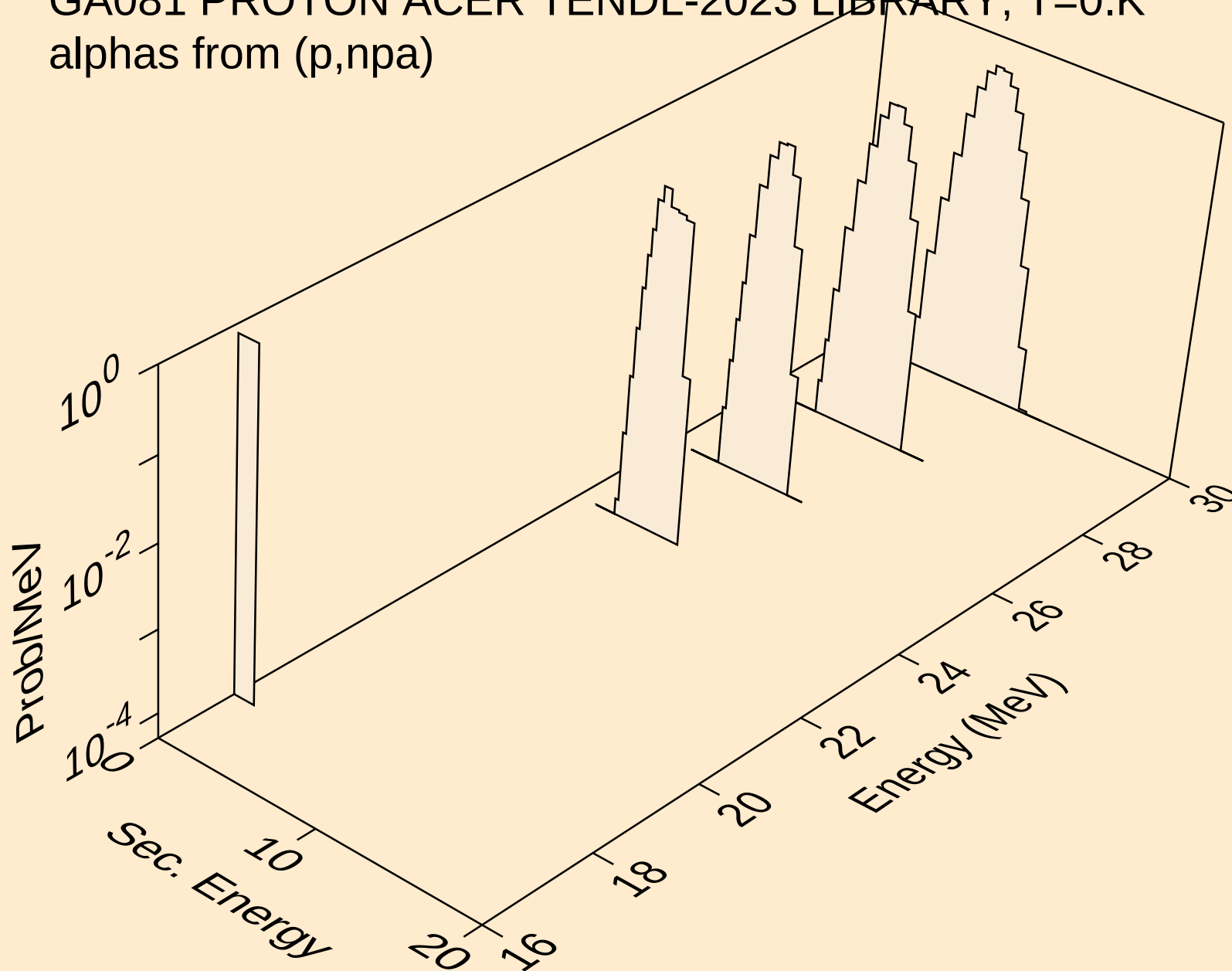
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alphas from (p,2n)a



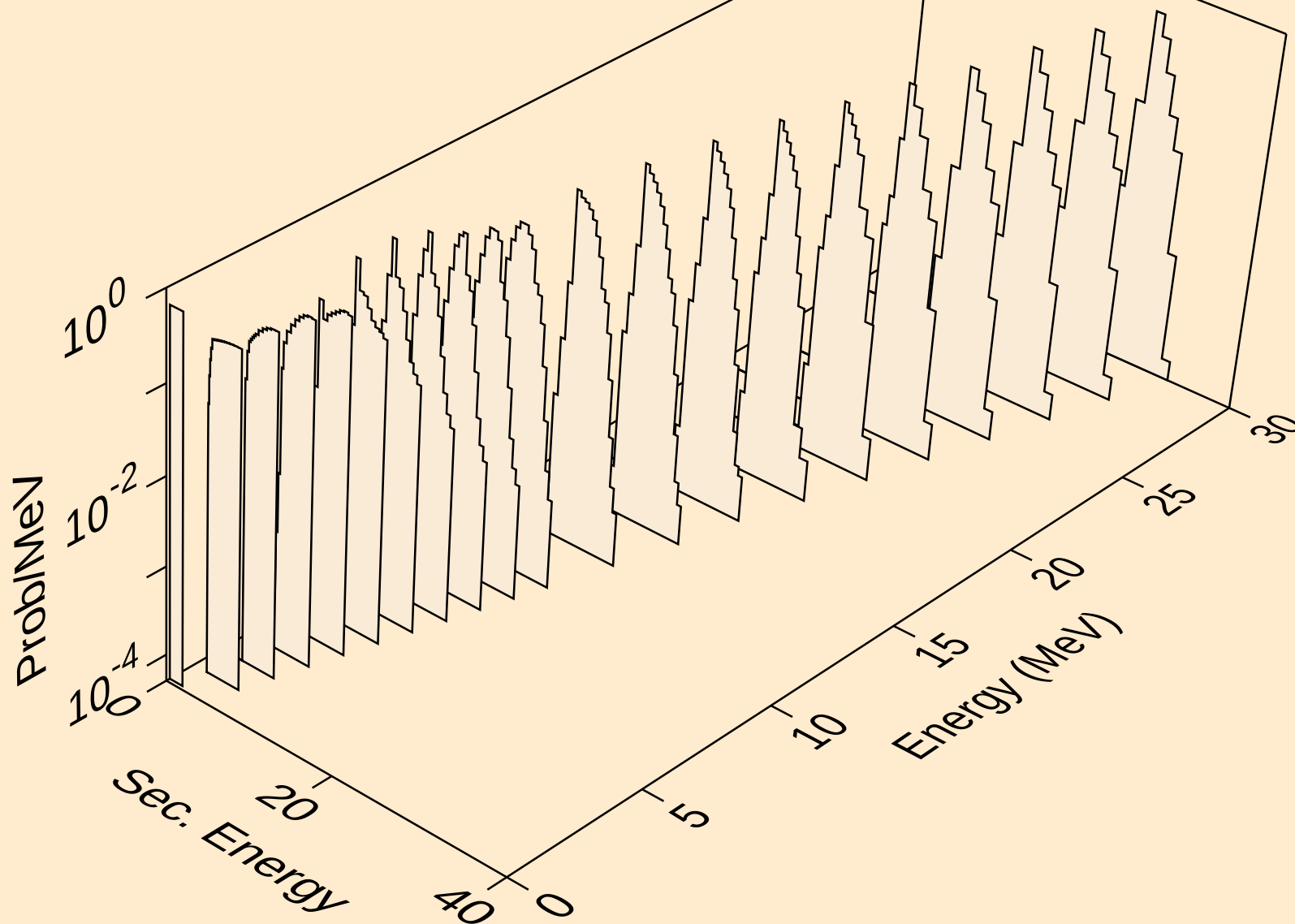
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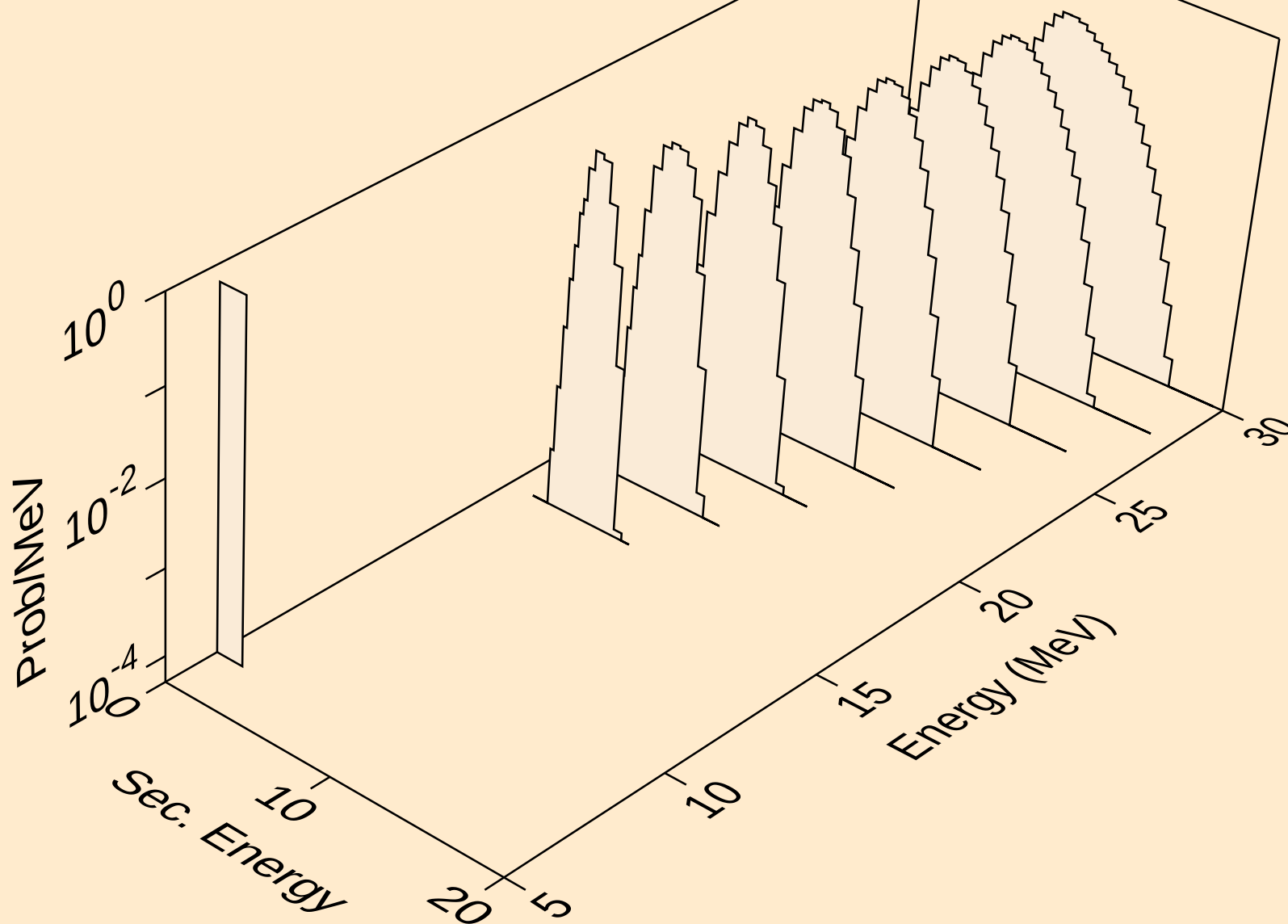
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alphas from (p,npa)



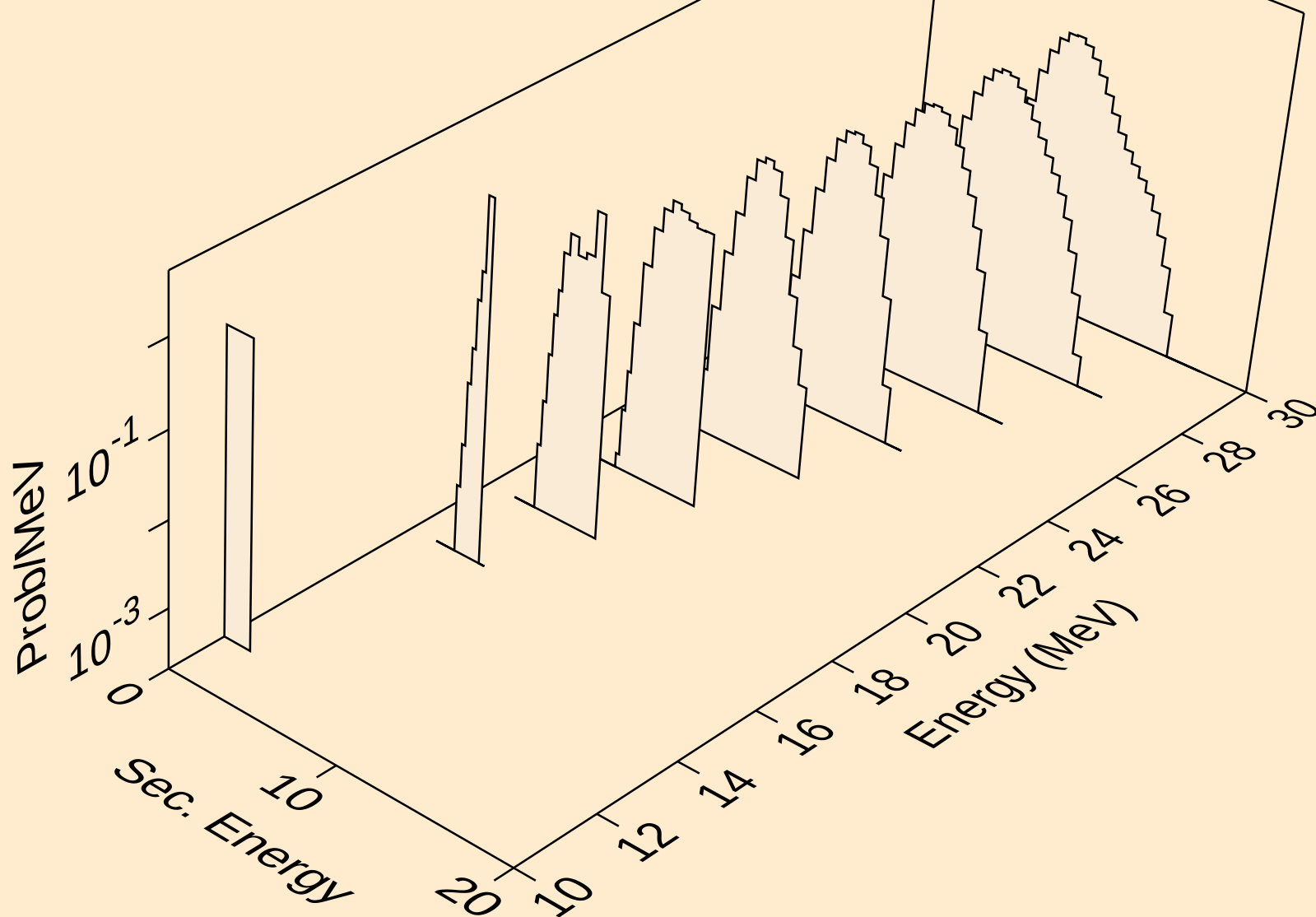
GA081 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)



GA081 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2a)



GA081 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,pa)



GA081 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,da)

