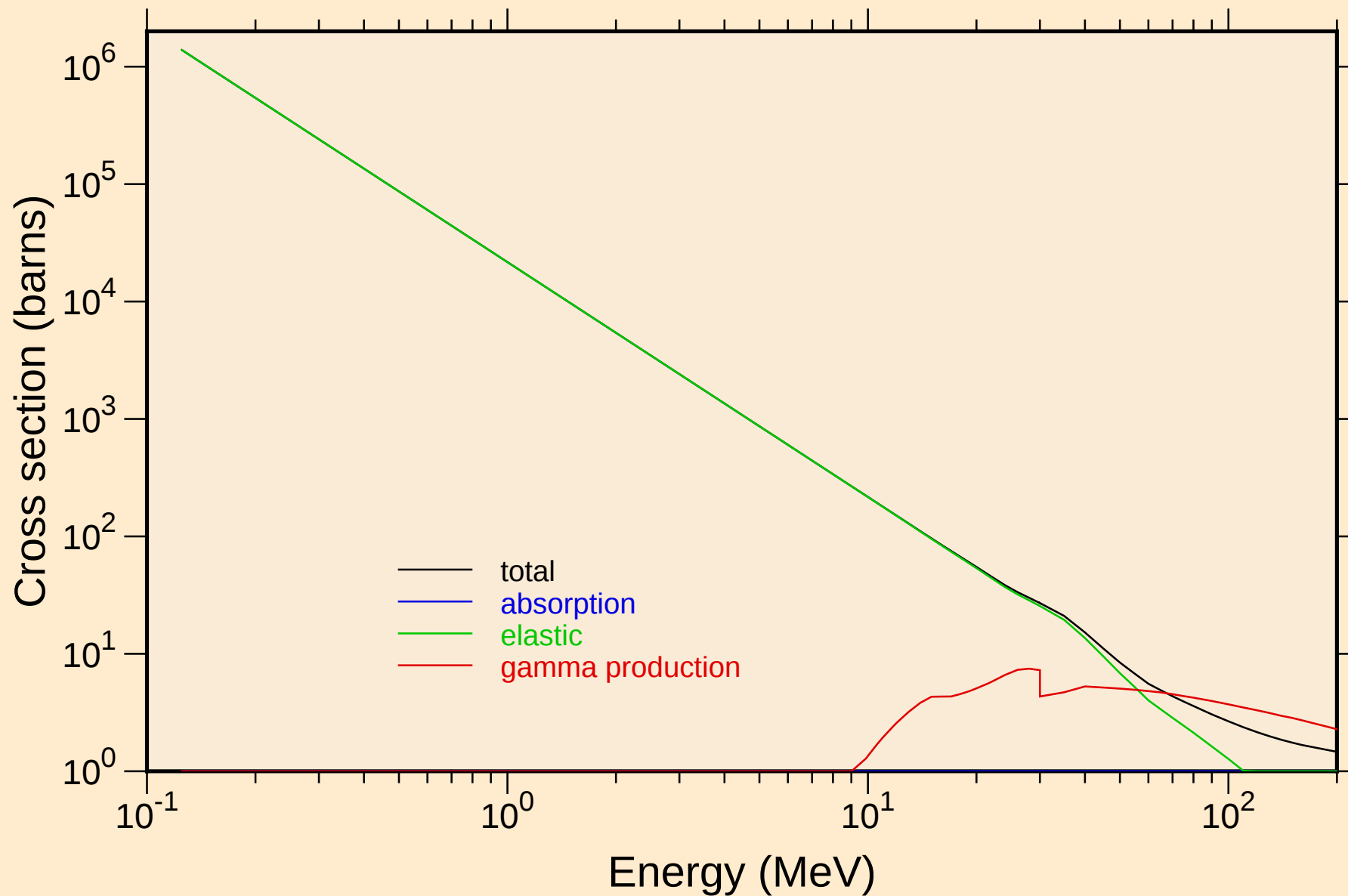


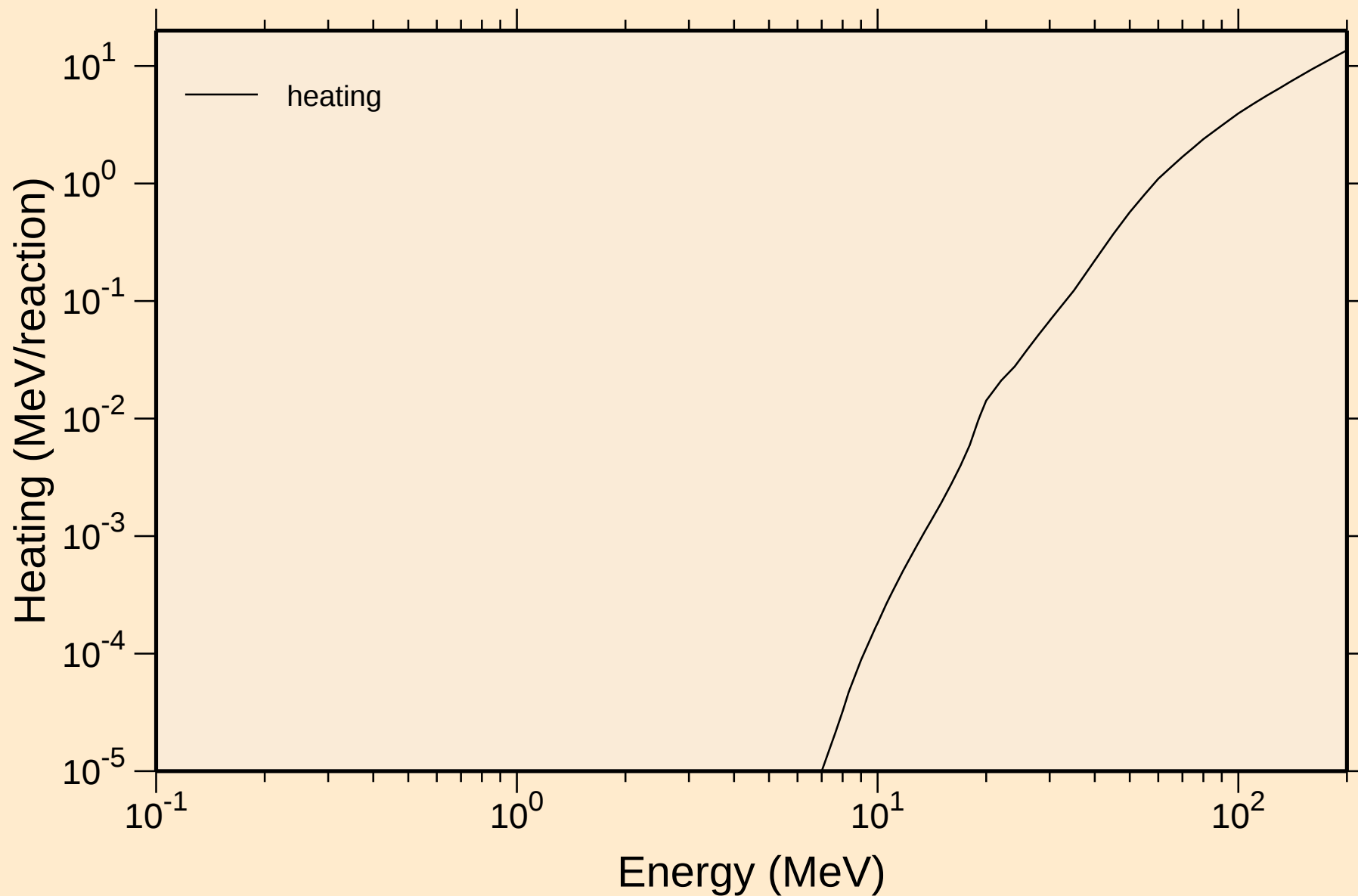
# PR135 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



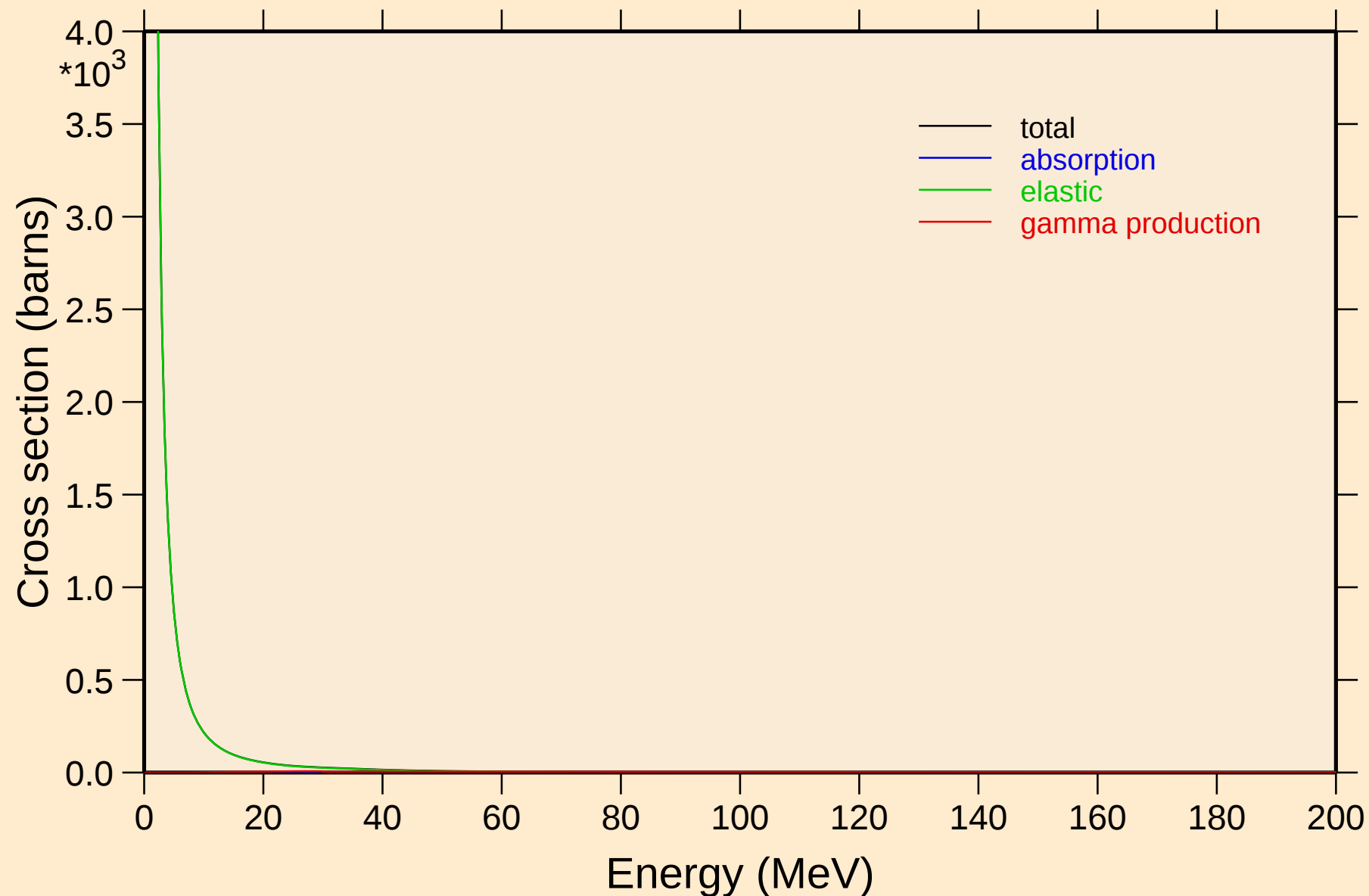
# PR135 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Heating



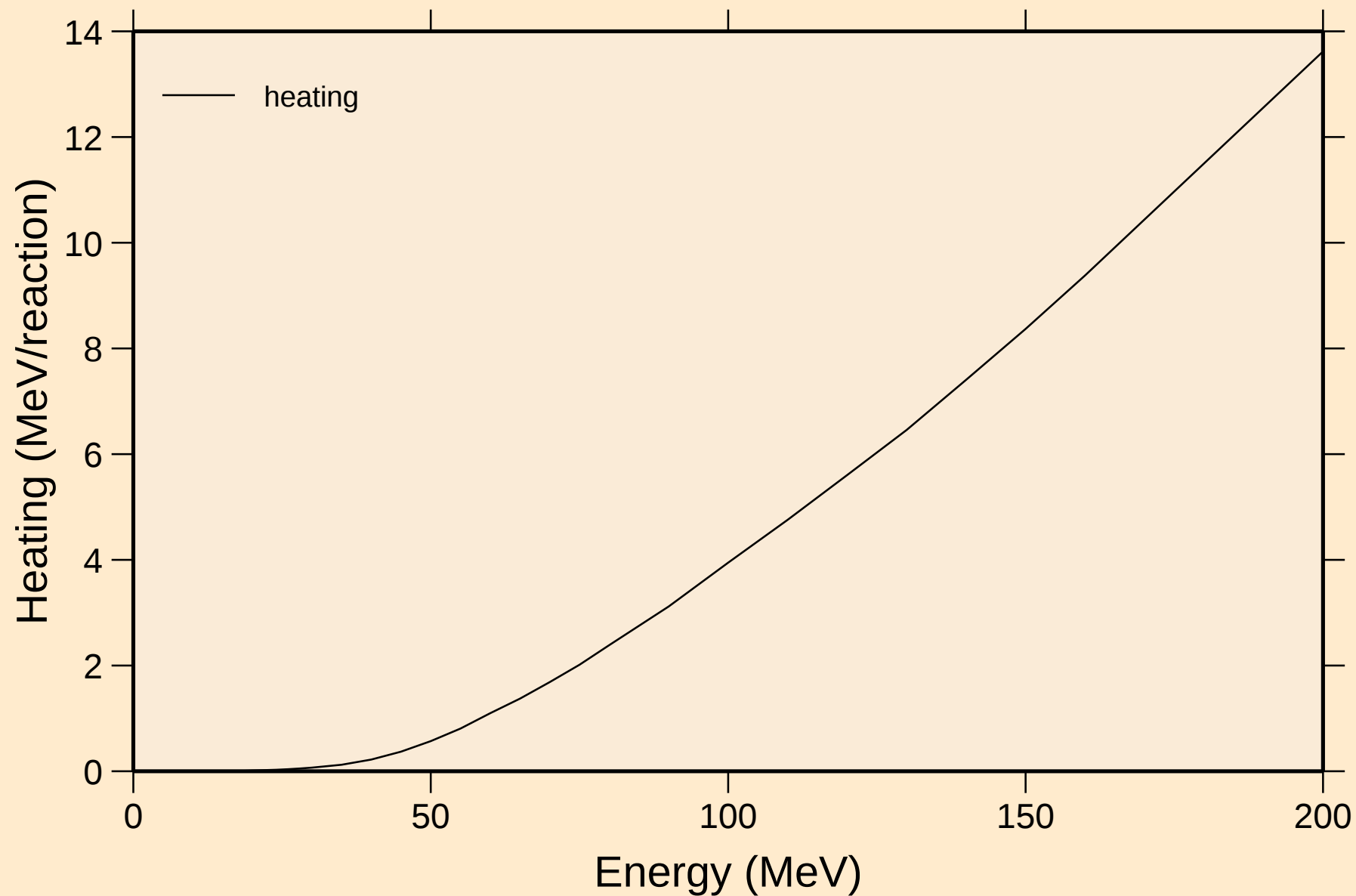
# PR135 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



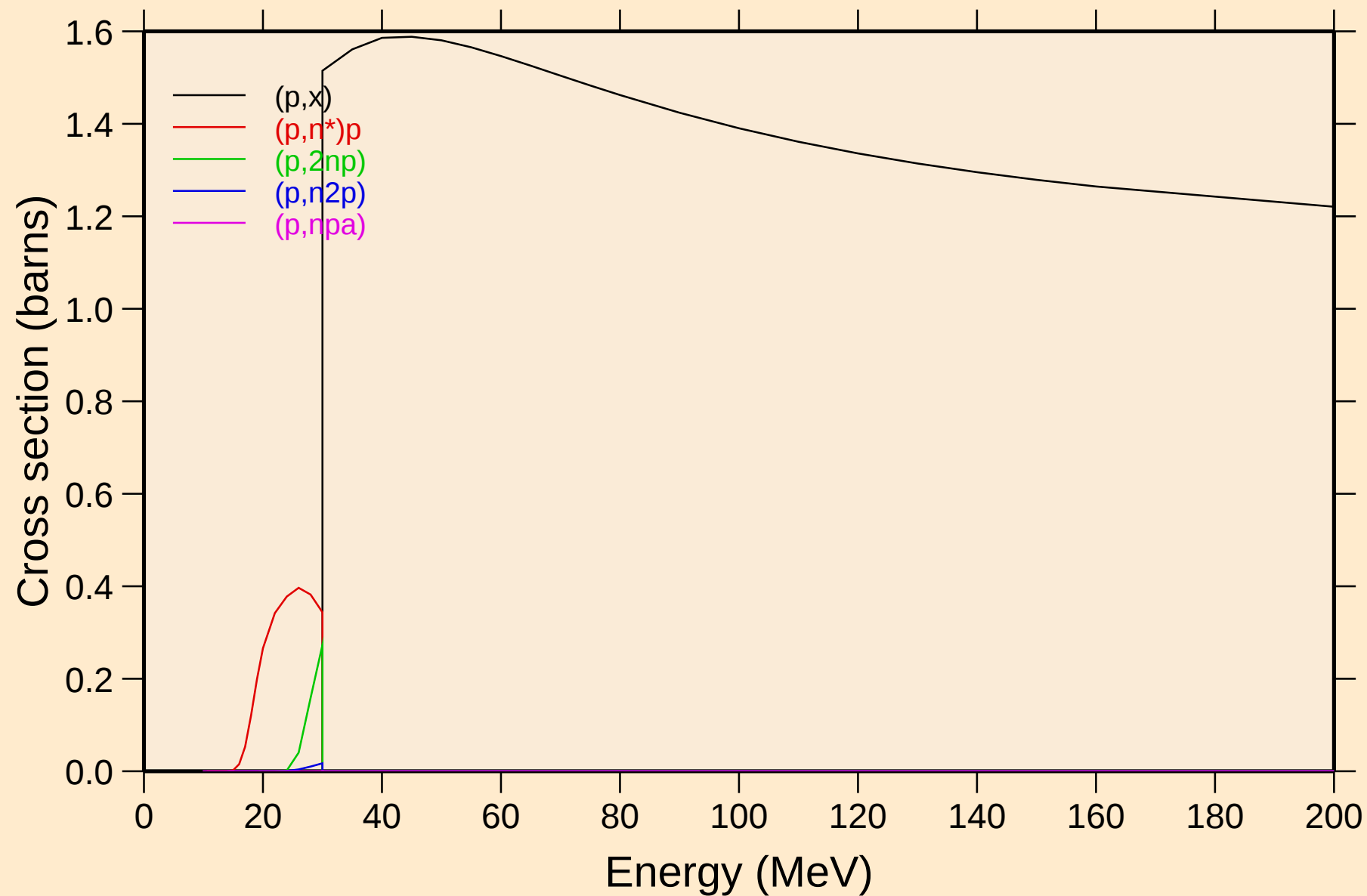
# PR135 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Heating



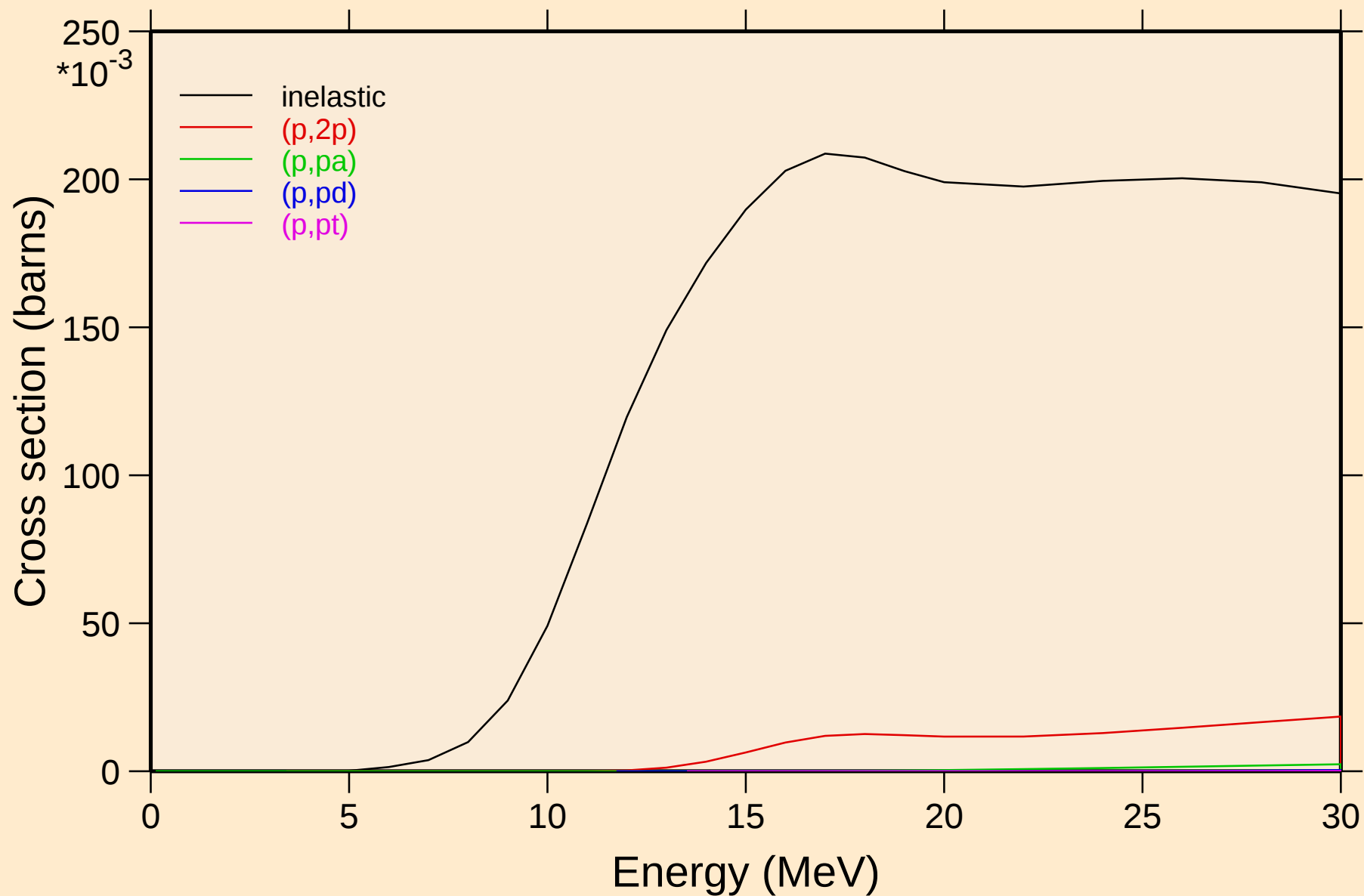
# PR135 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions



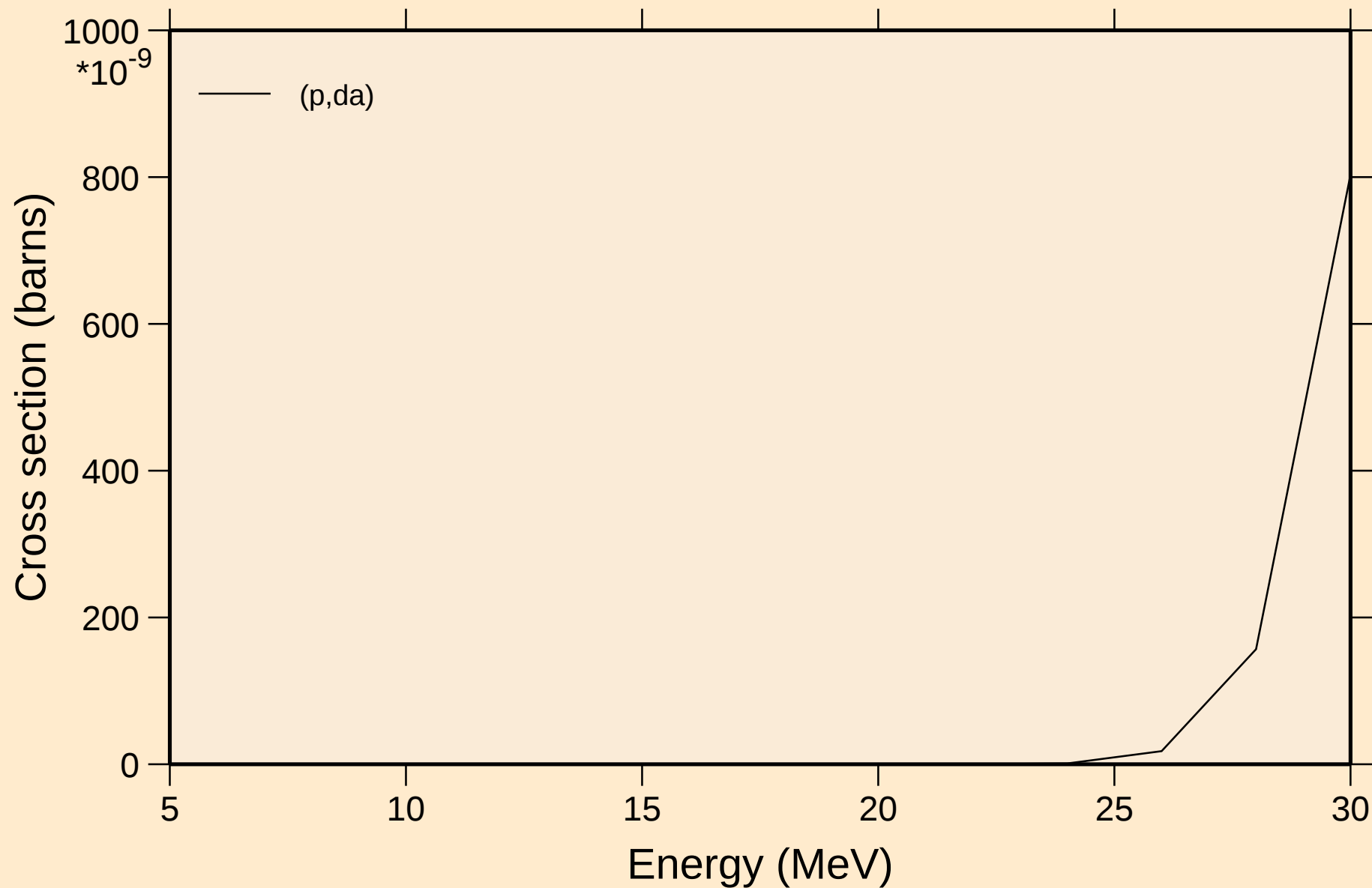
# PR135 PROTON ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

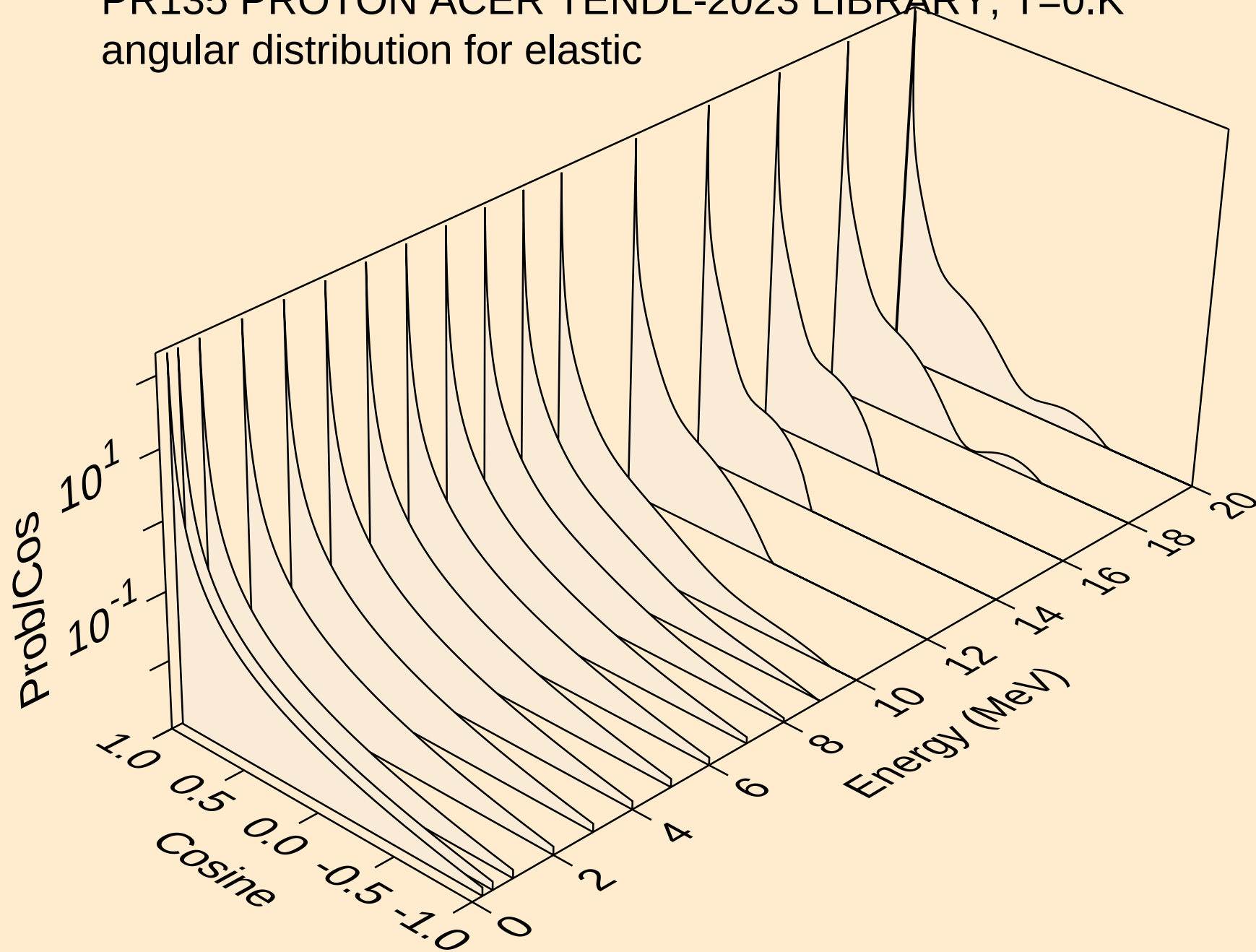


# PR135 PROTON ACER TENDL-2023 LIBRARY; T=0.K

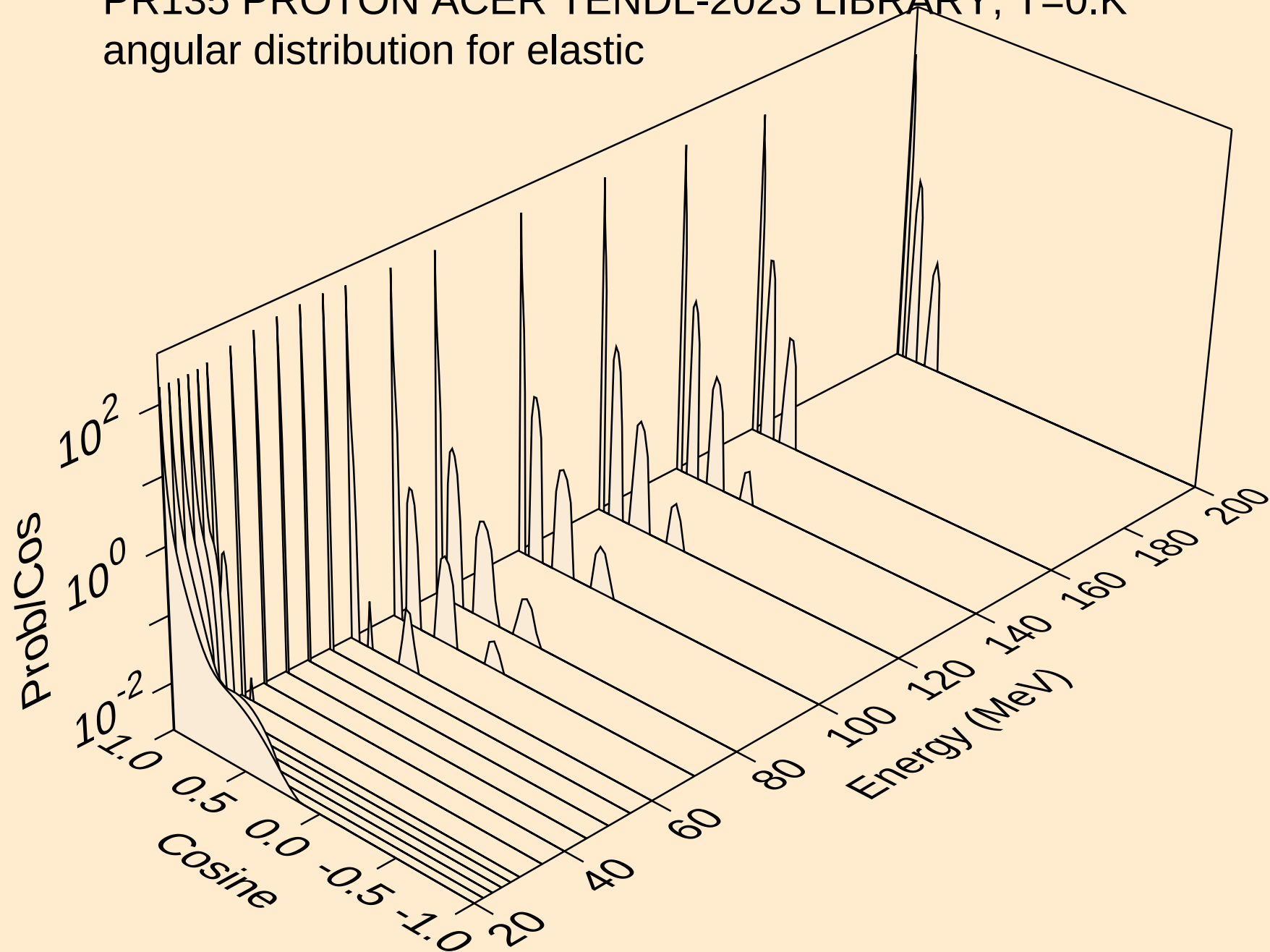
Threshold reactions



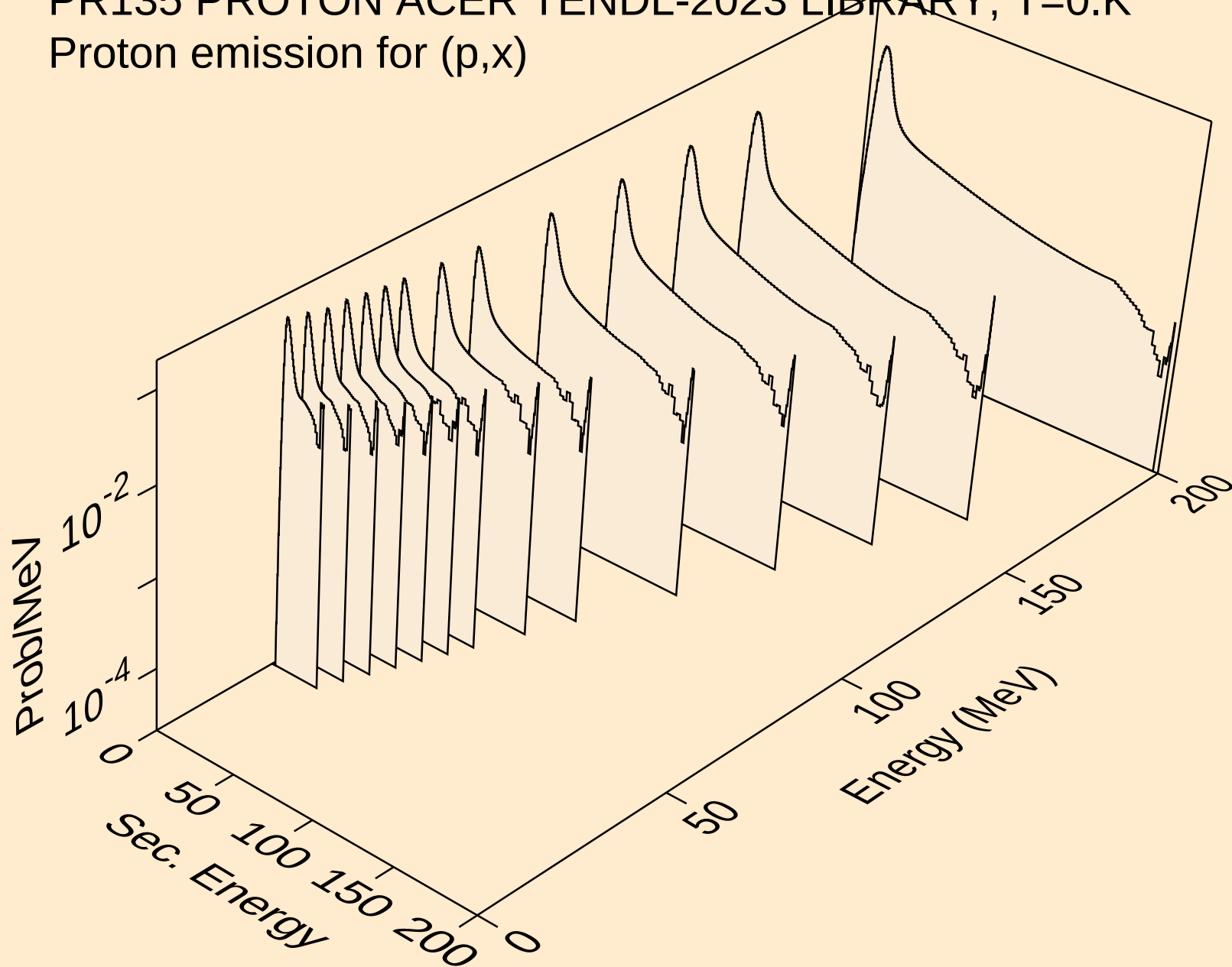
PR135 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



PR135 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

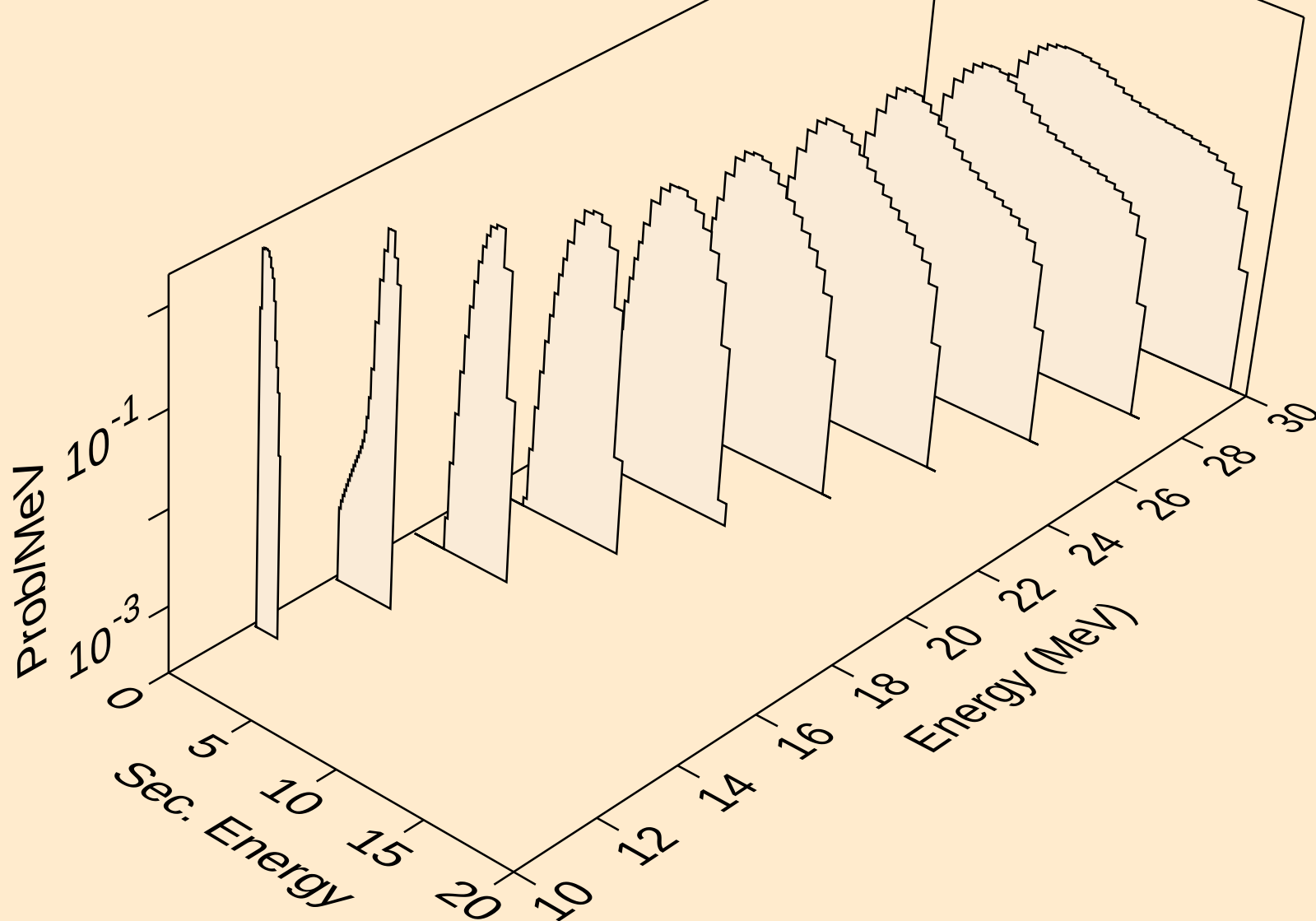


PR135 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,x)

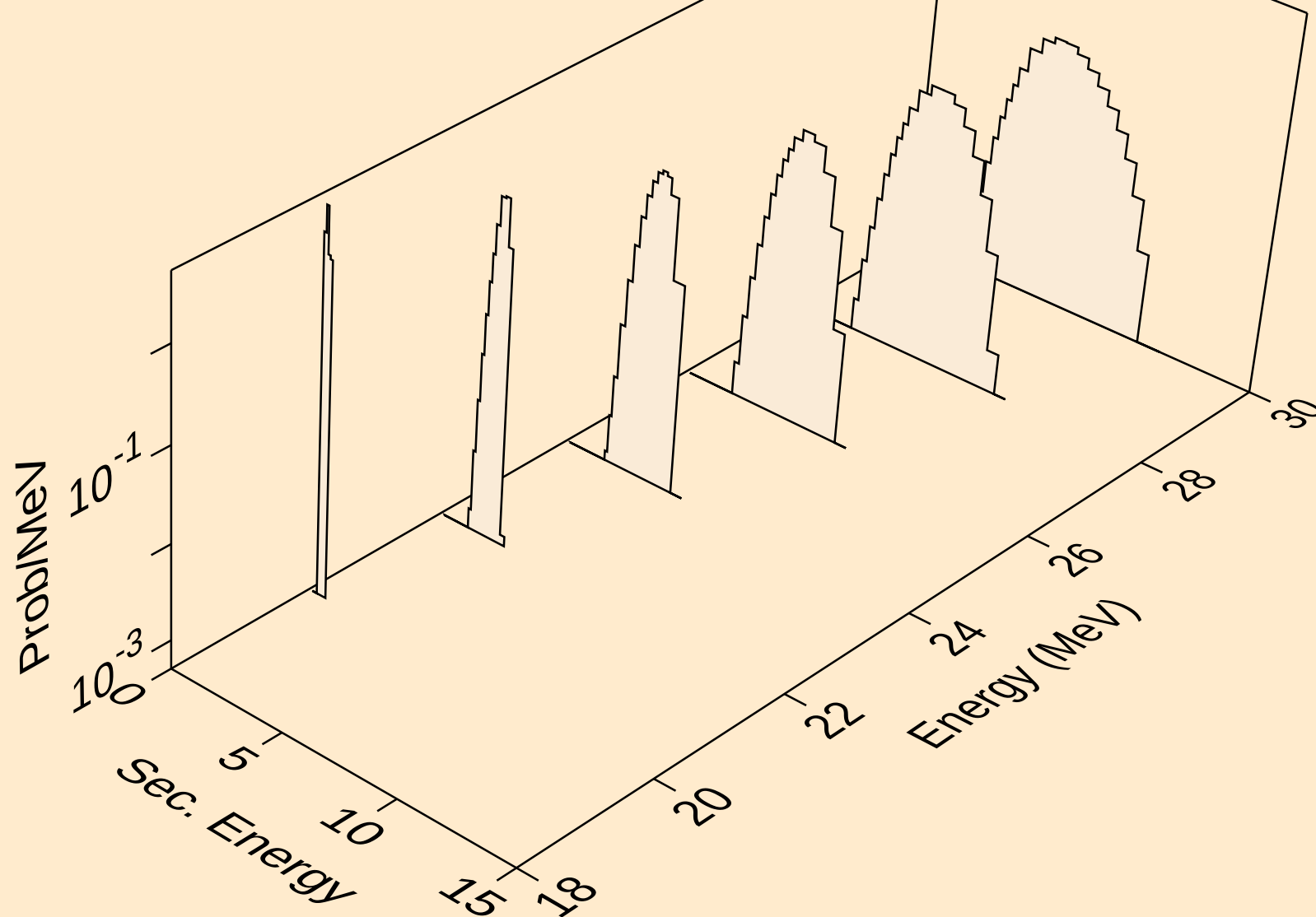


PR135 PROTON ACER TENDL-2023 LIBRARY; T=0.K

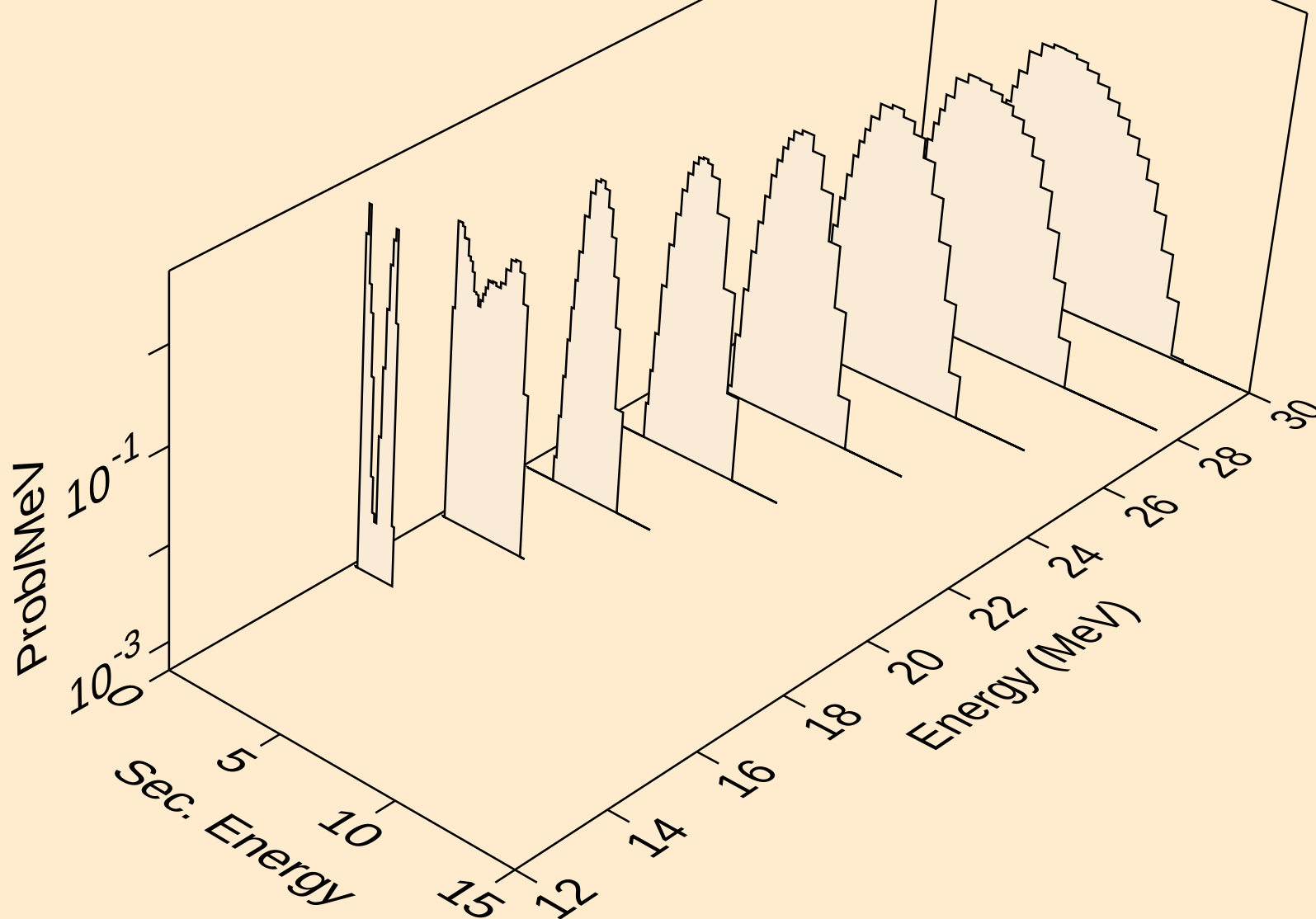
Proton emission for  $(p,n^*)p$



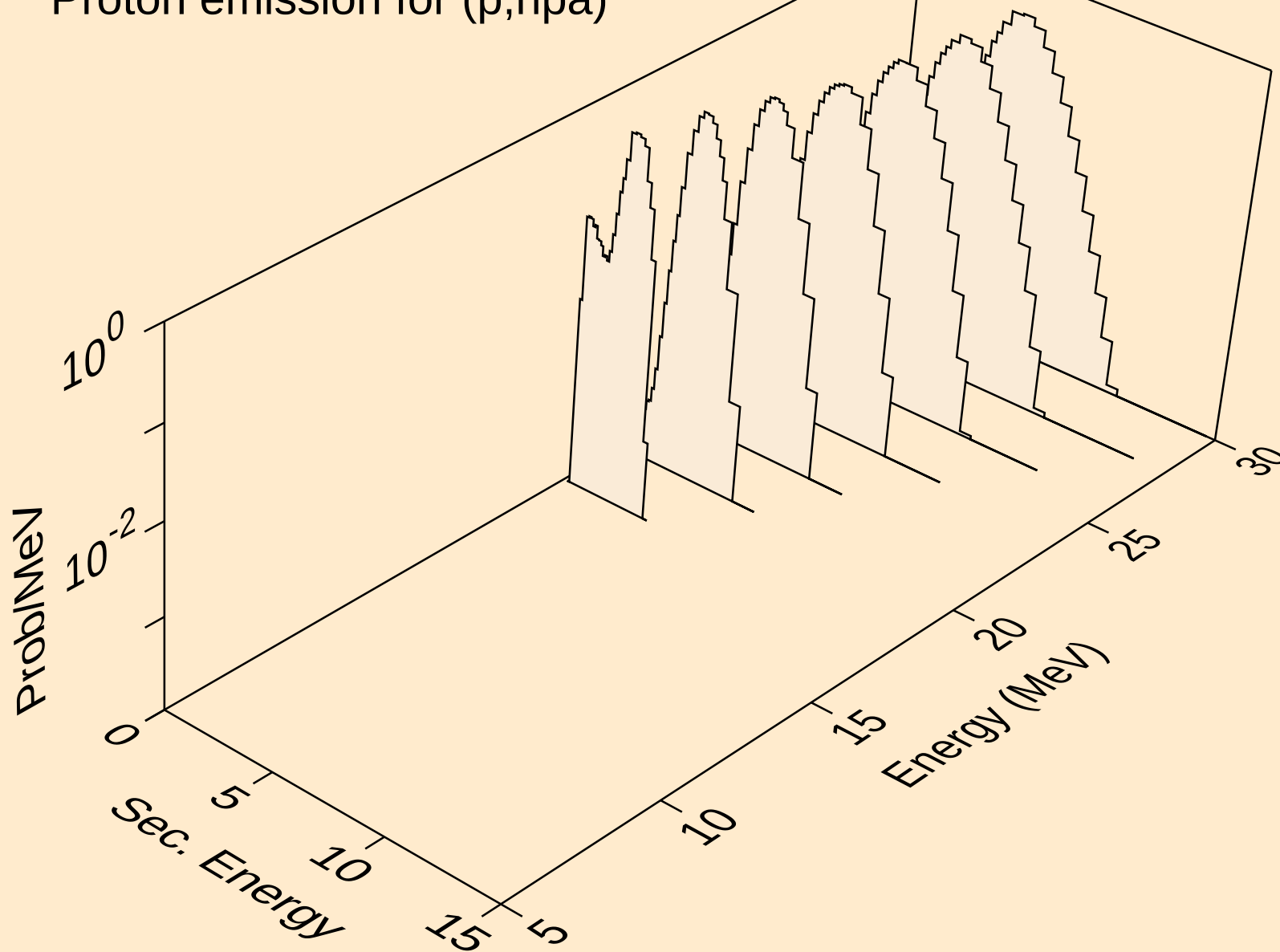
PR135 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2np)



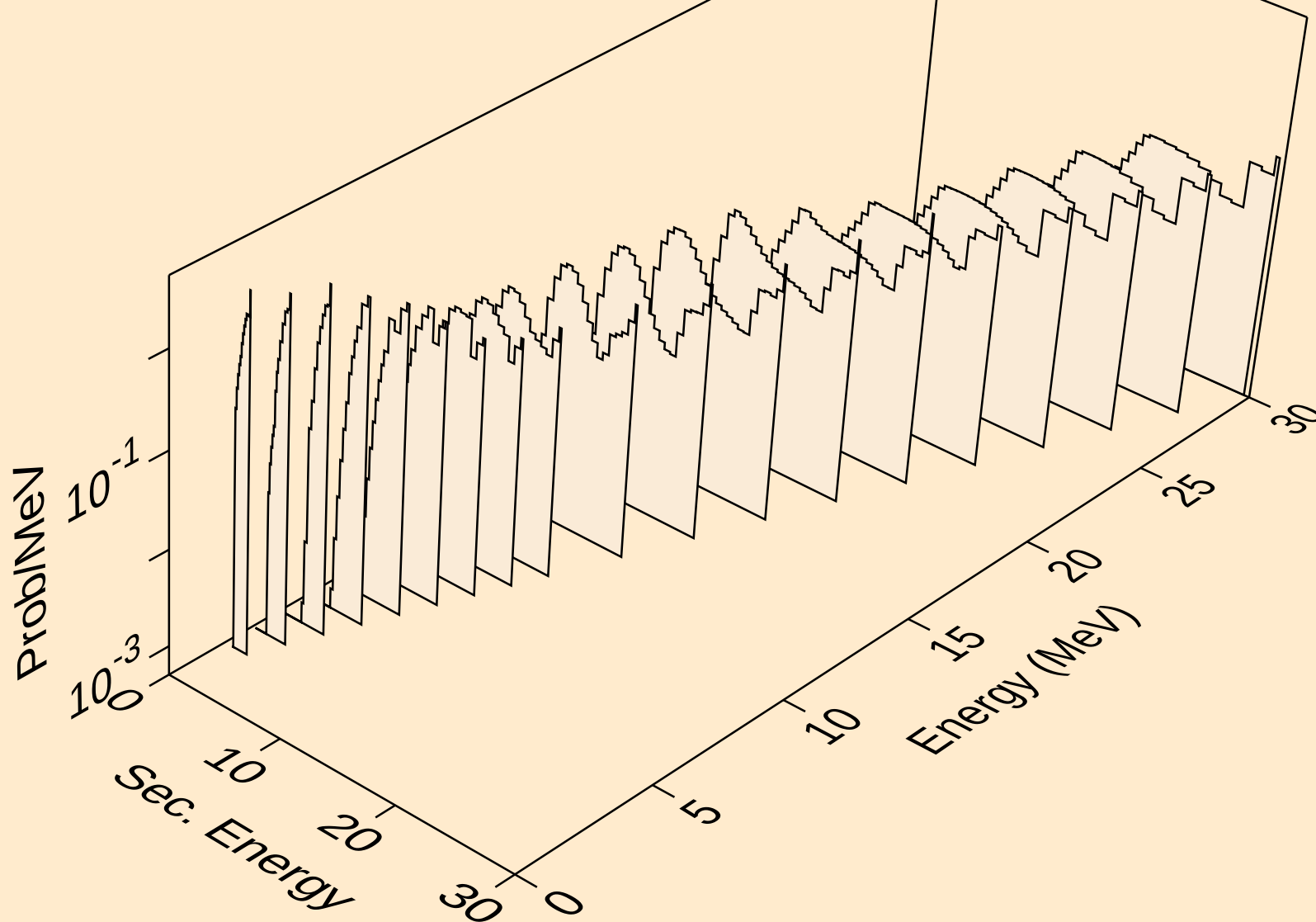
PR135 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,n2p)



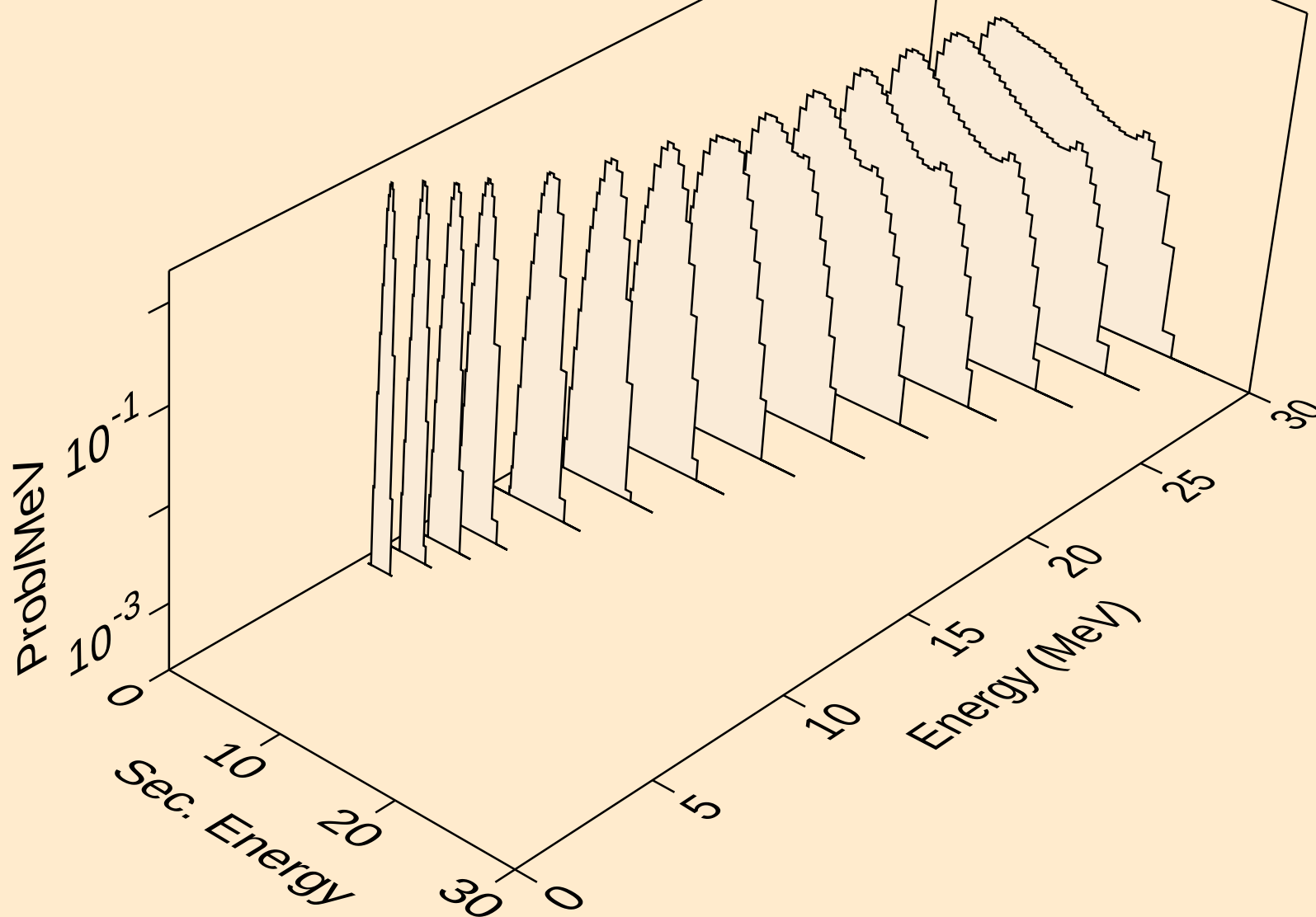
PR135 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,npa)



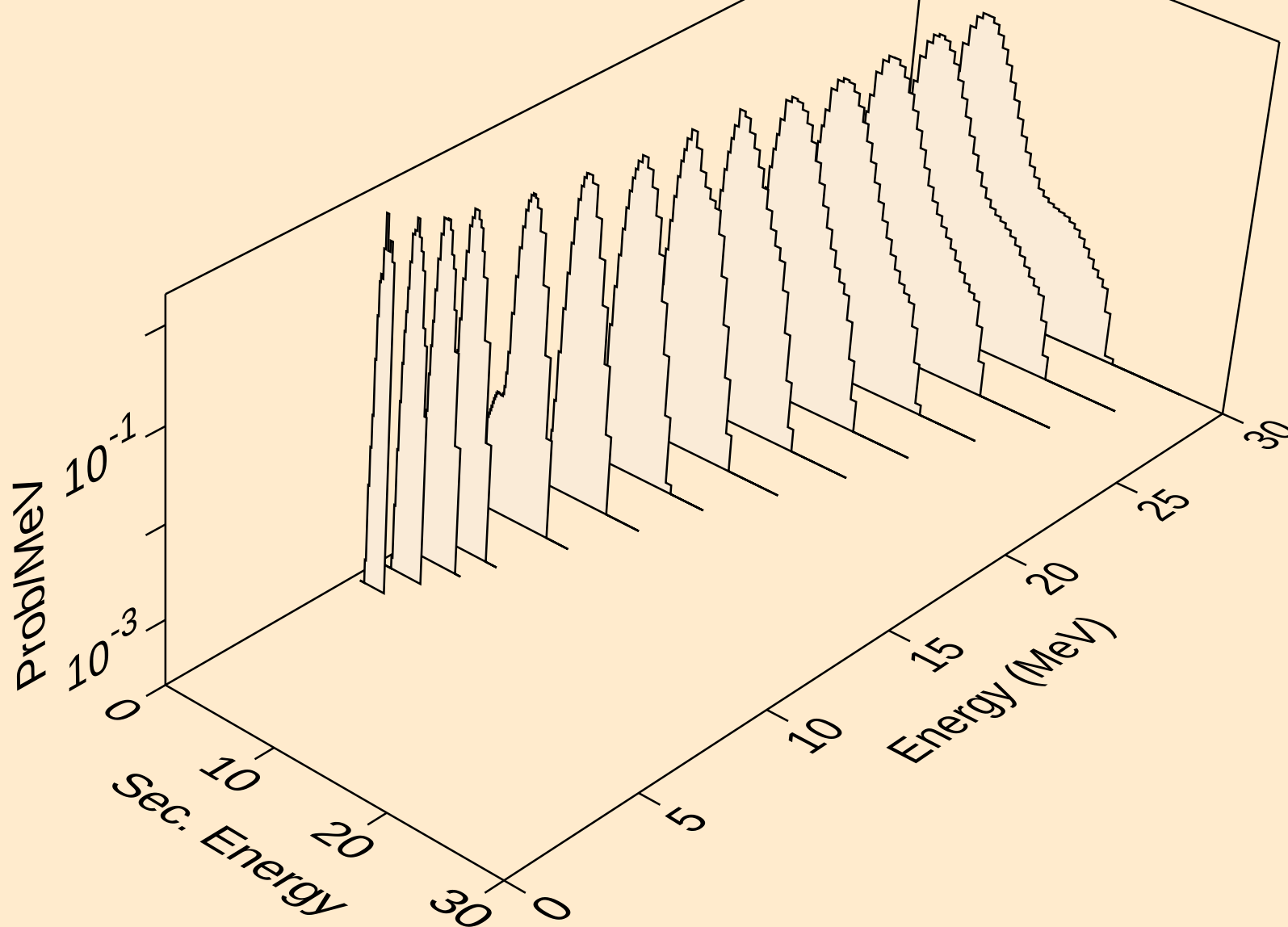
PR135 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for inelastic



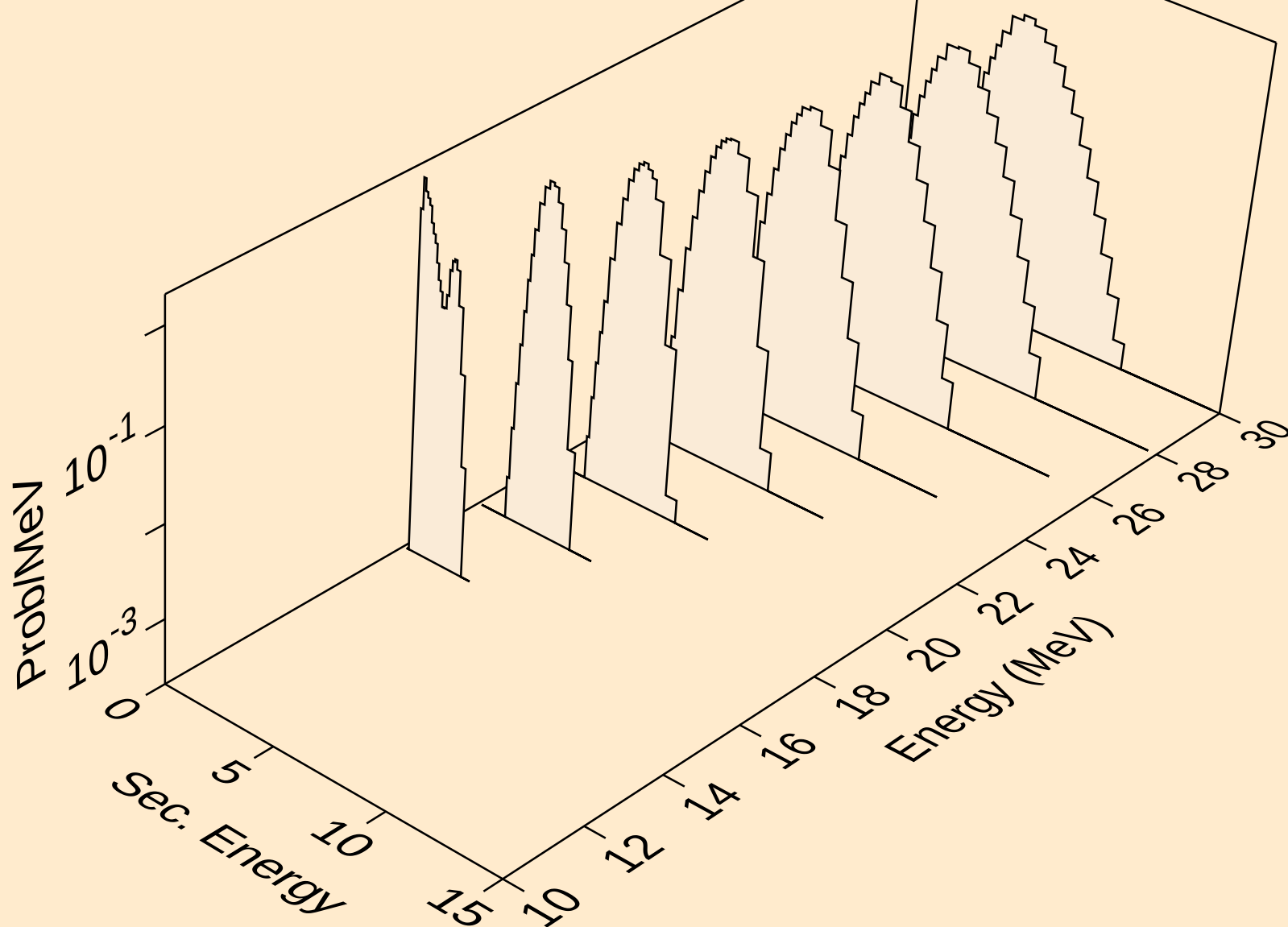
PR135 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,2p)



PR135 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pa)

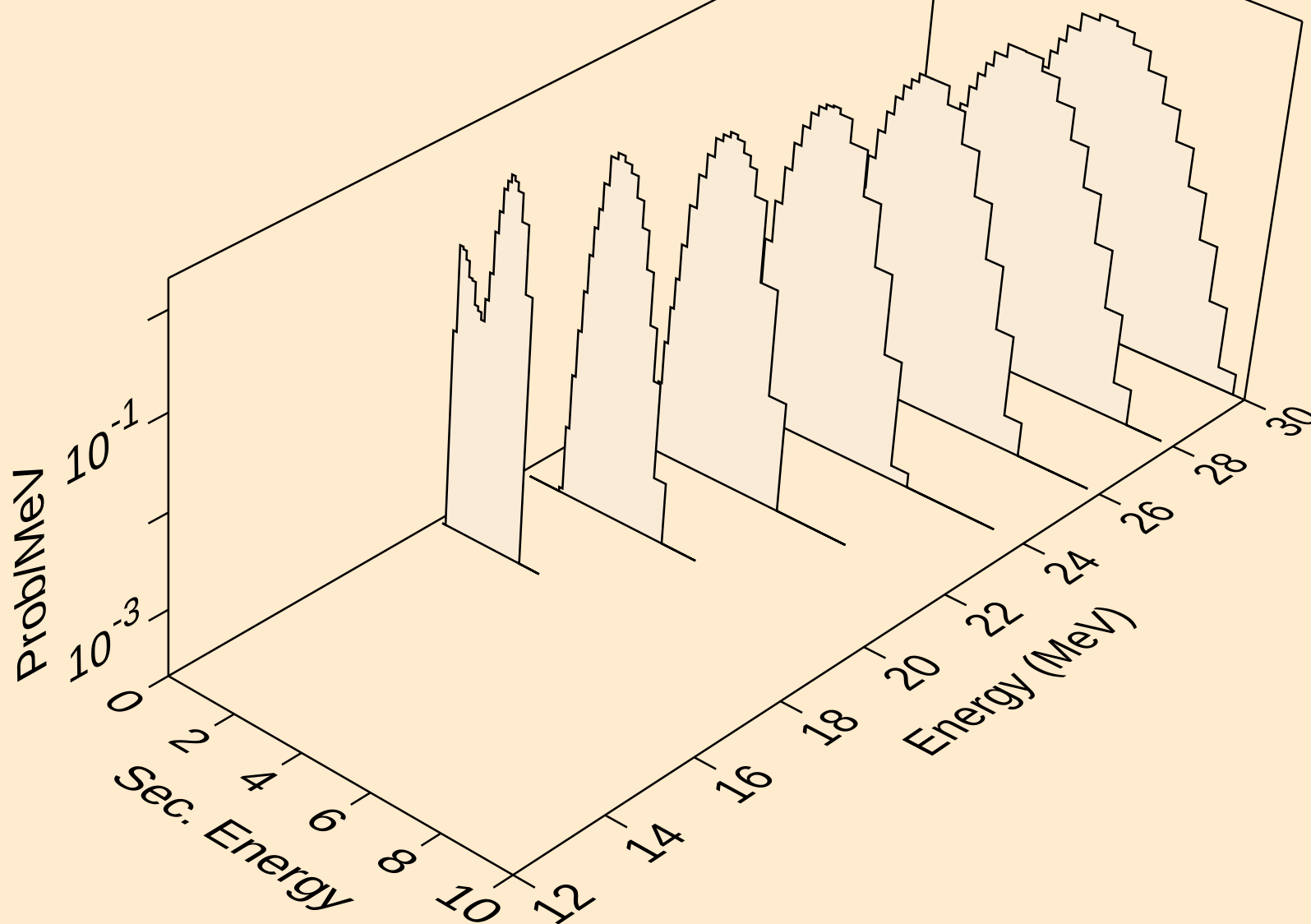


PR135 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Proton emission for (p,pd)

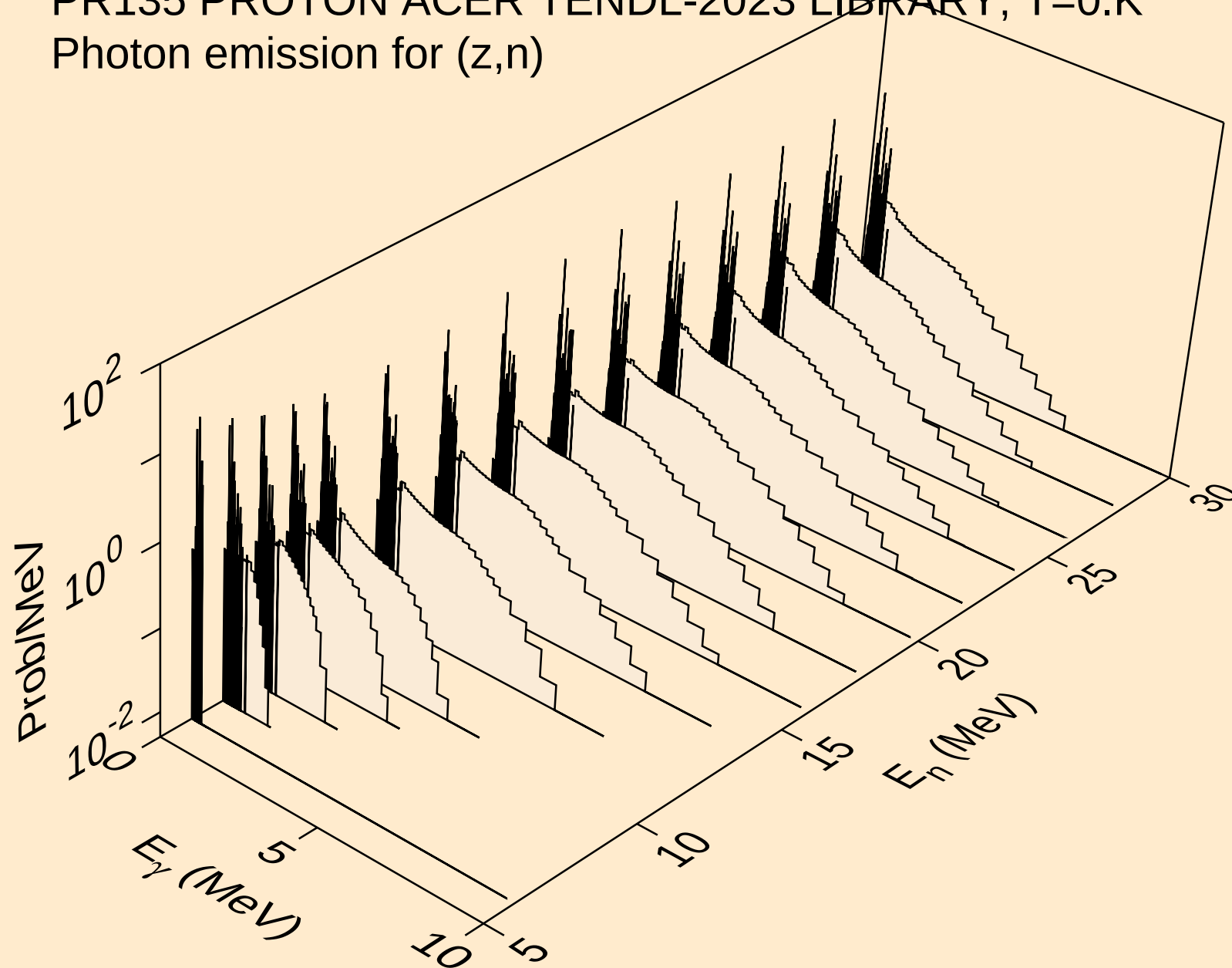


PR135 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Proton emission for (p,pt)

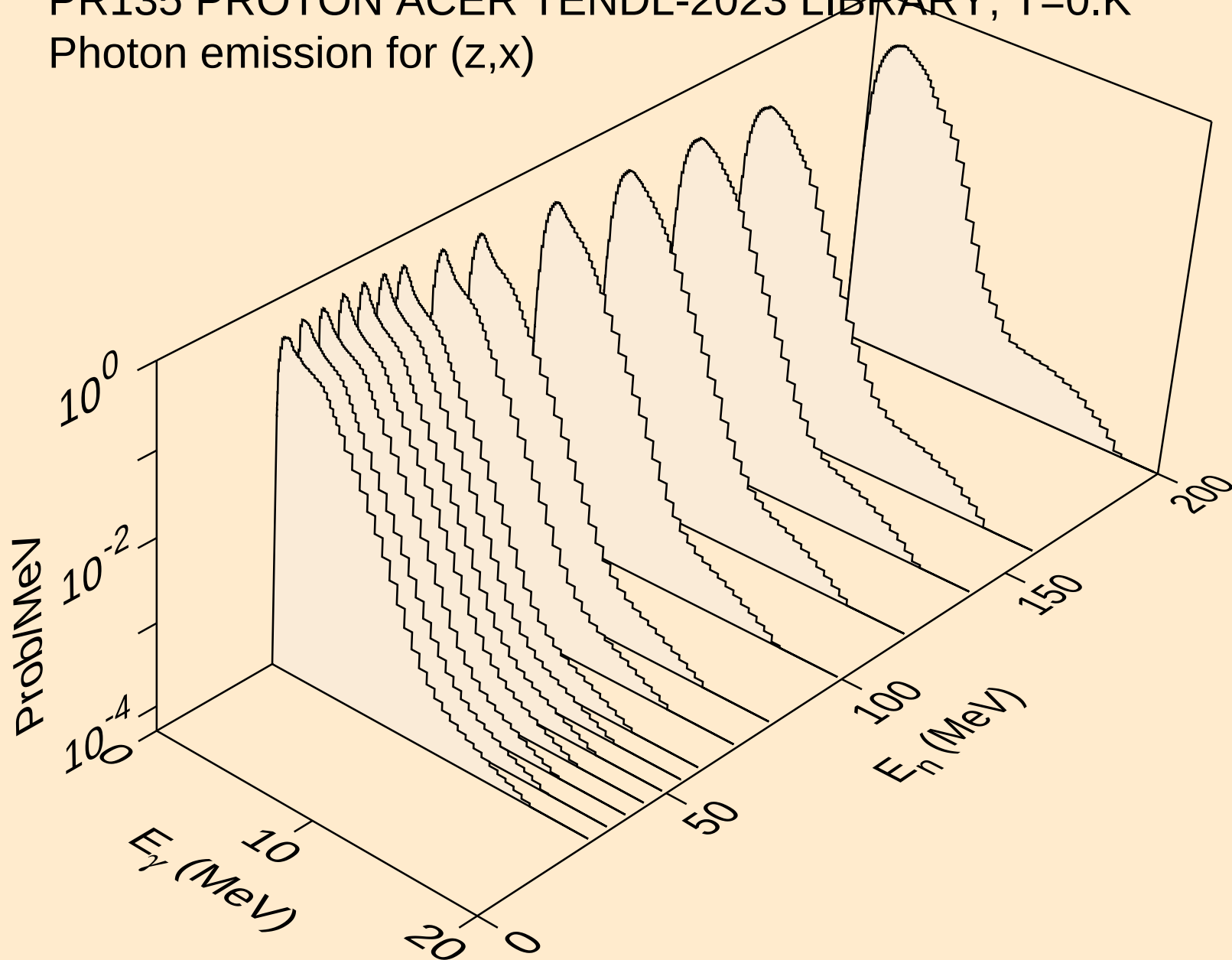


PR135 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)

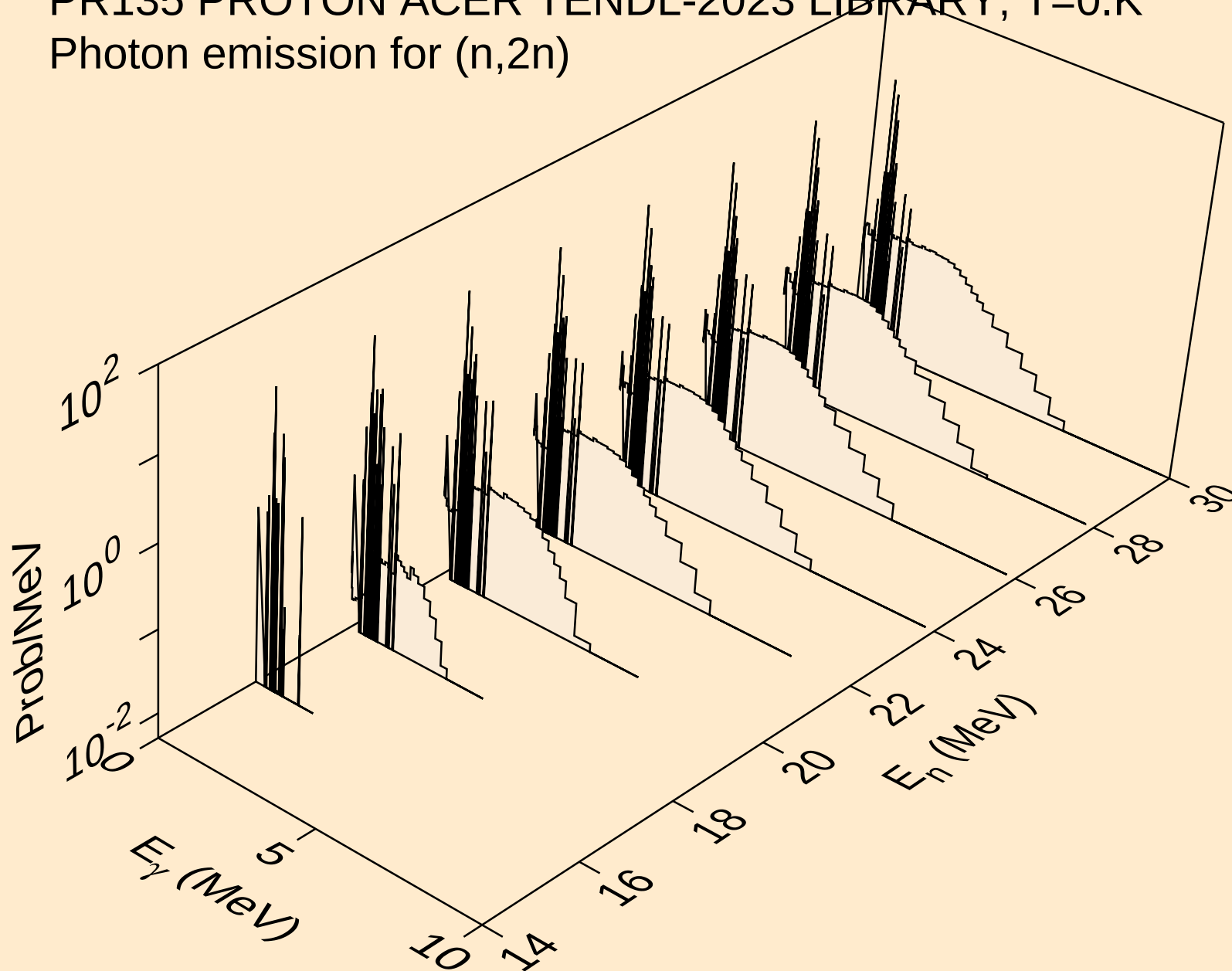


PR135 PROTON ACER TENDL-2023 LIBRARY; T=0.K

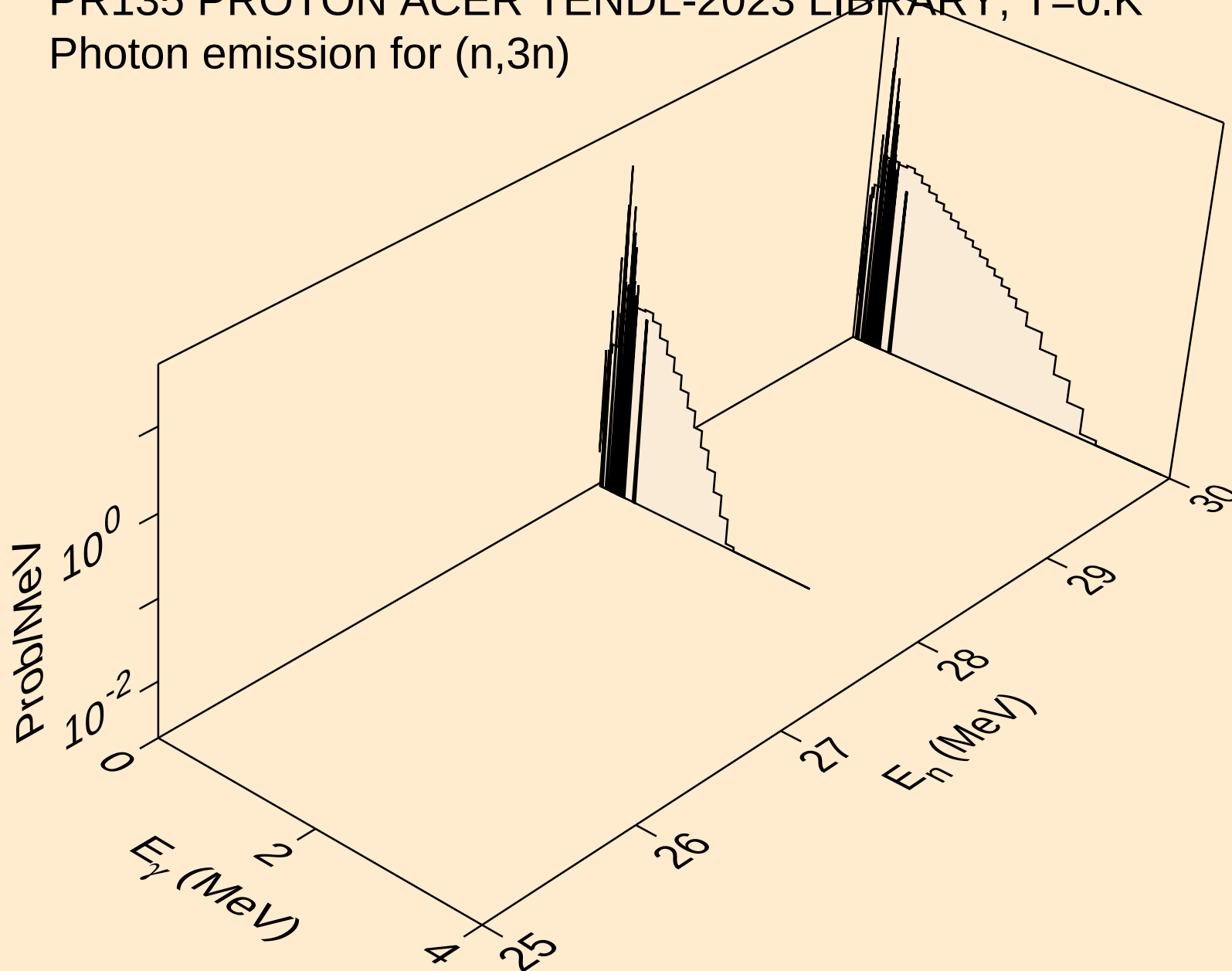
Photon emission for (z,x)



PR135 PROTON ACER TENDL-2023 LIBRARY;  $T=0.K$   
Photon emission for (n,2n)

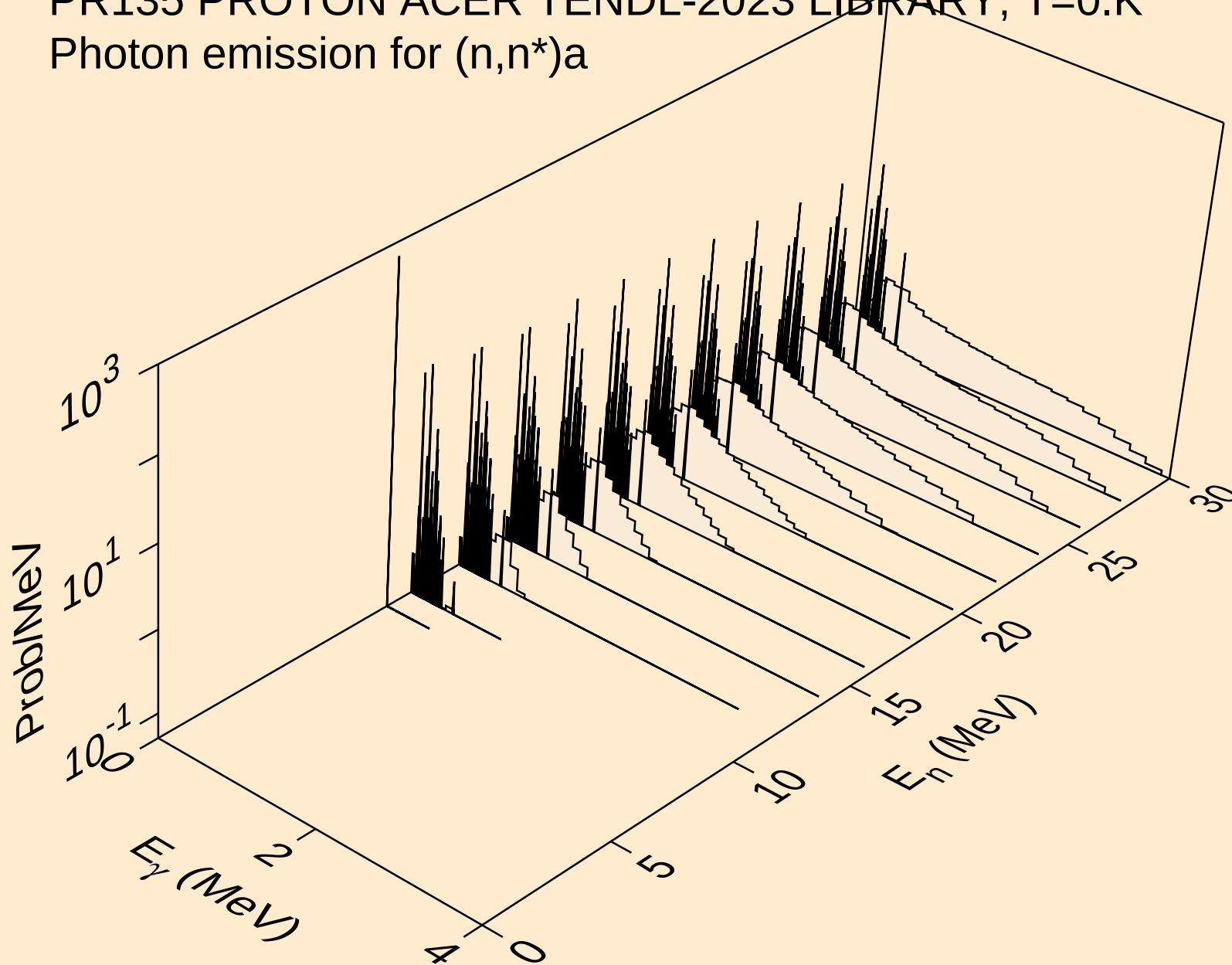


PR135 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



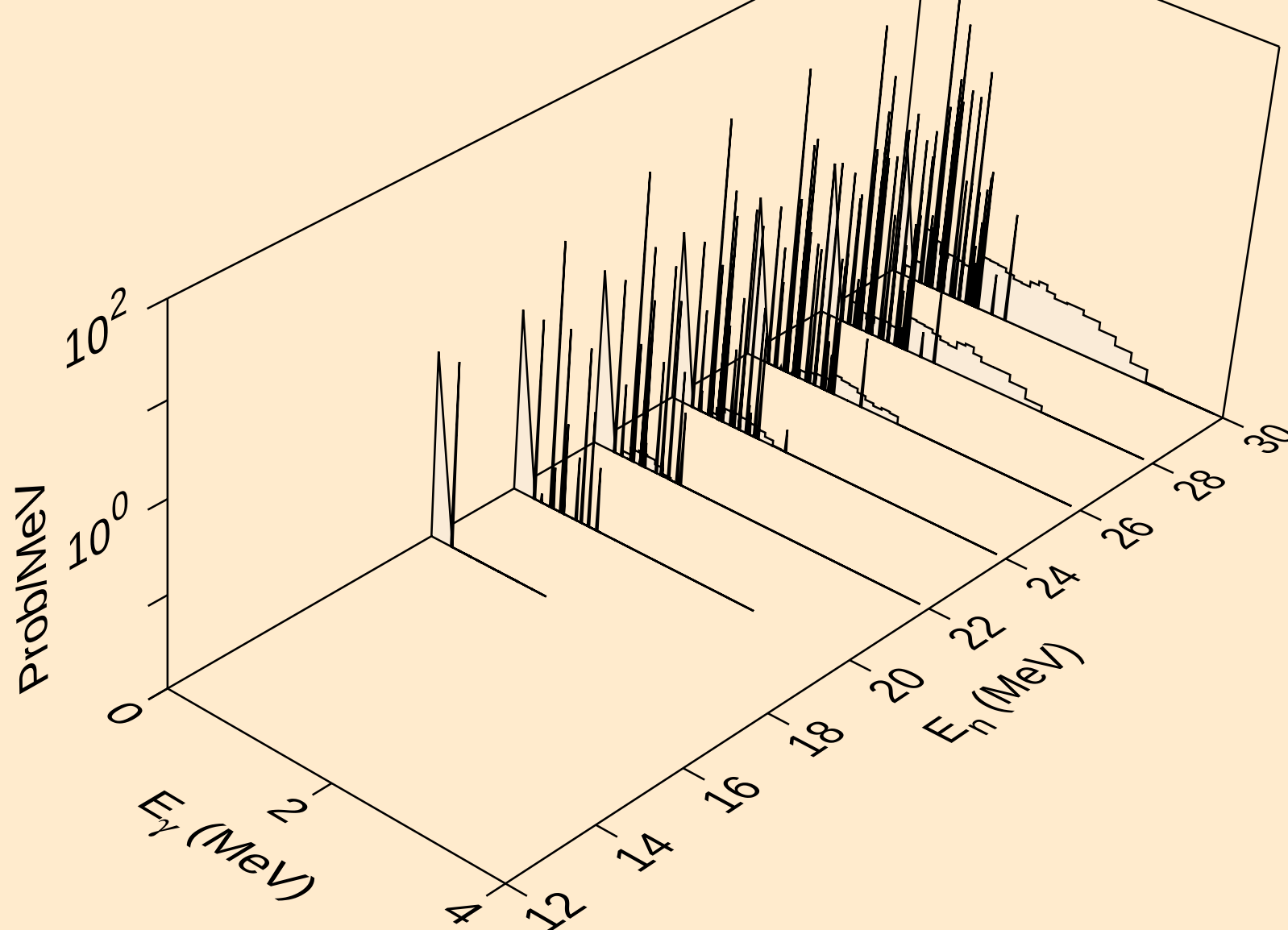
PR135 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n\*)a

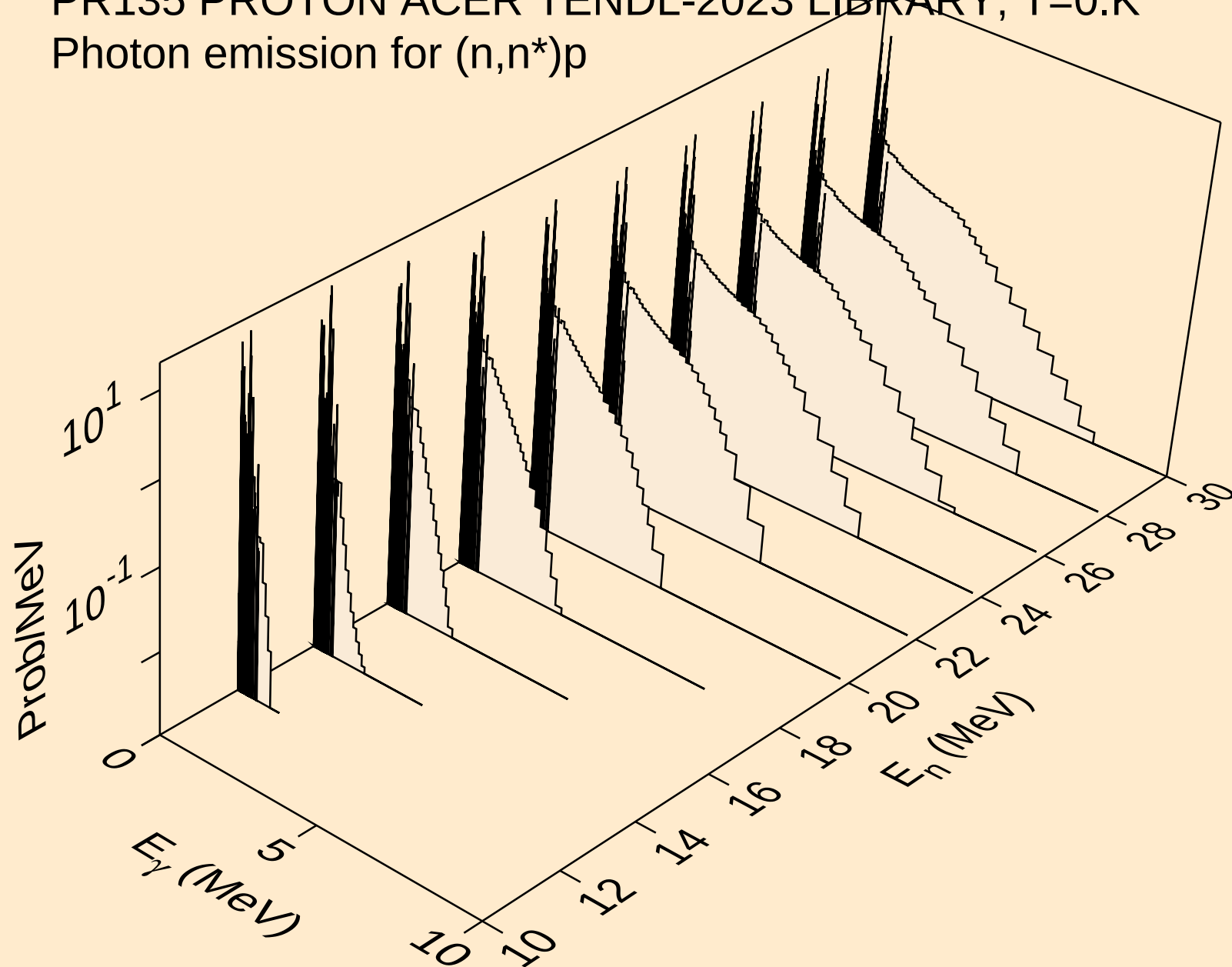


PR135 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,2n) $\alpha$

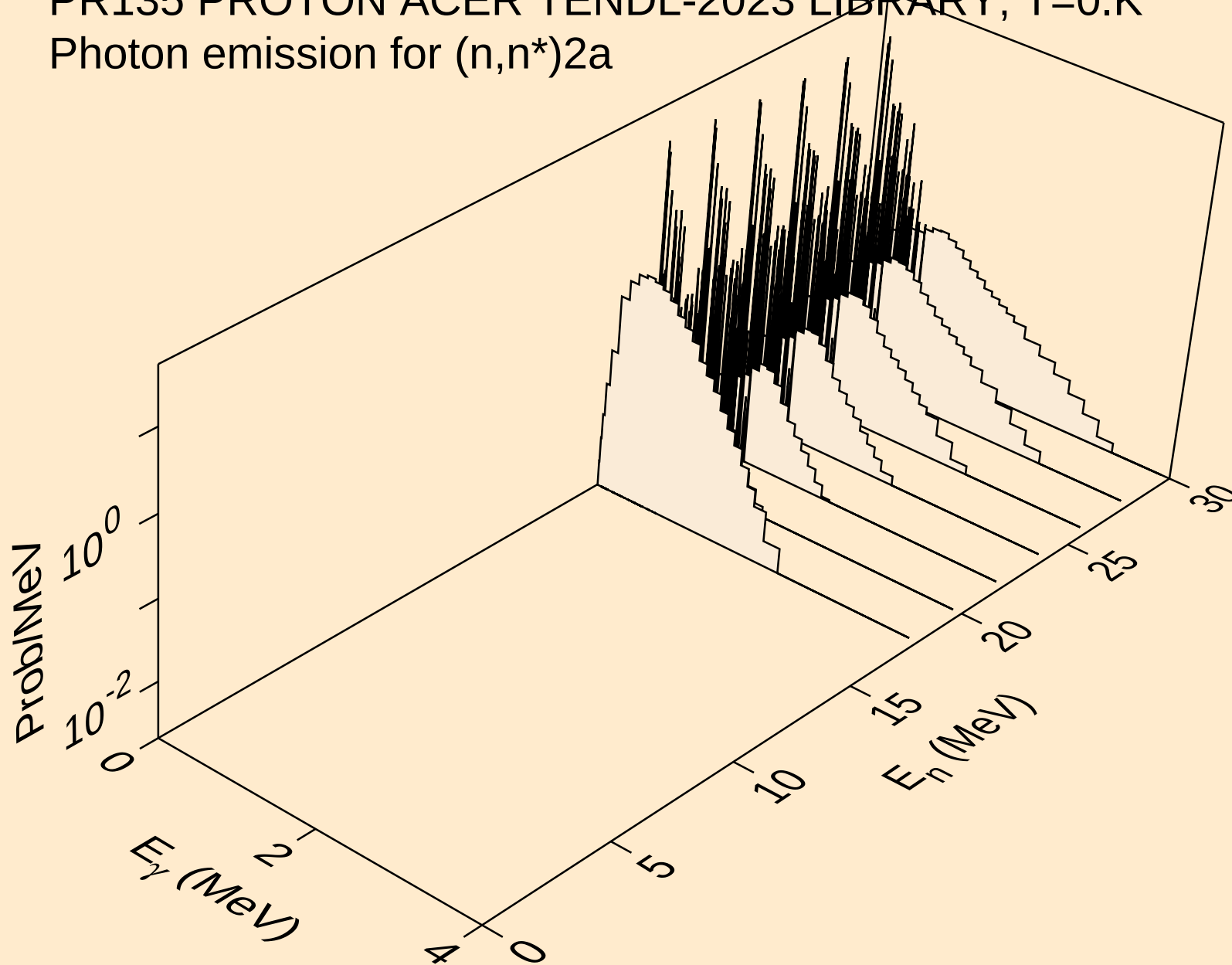


PR135 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



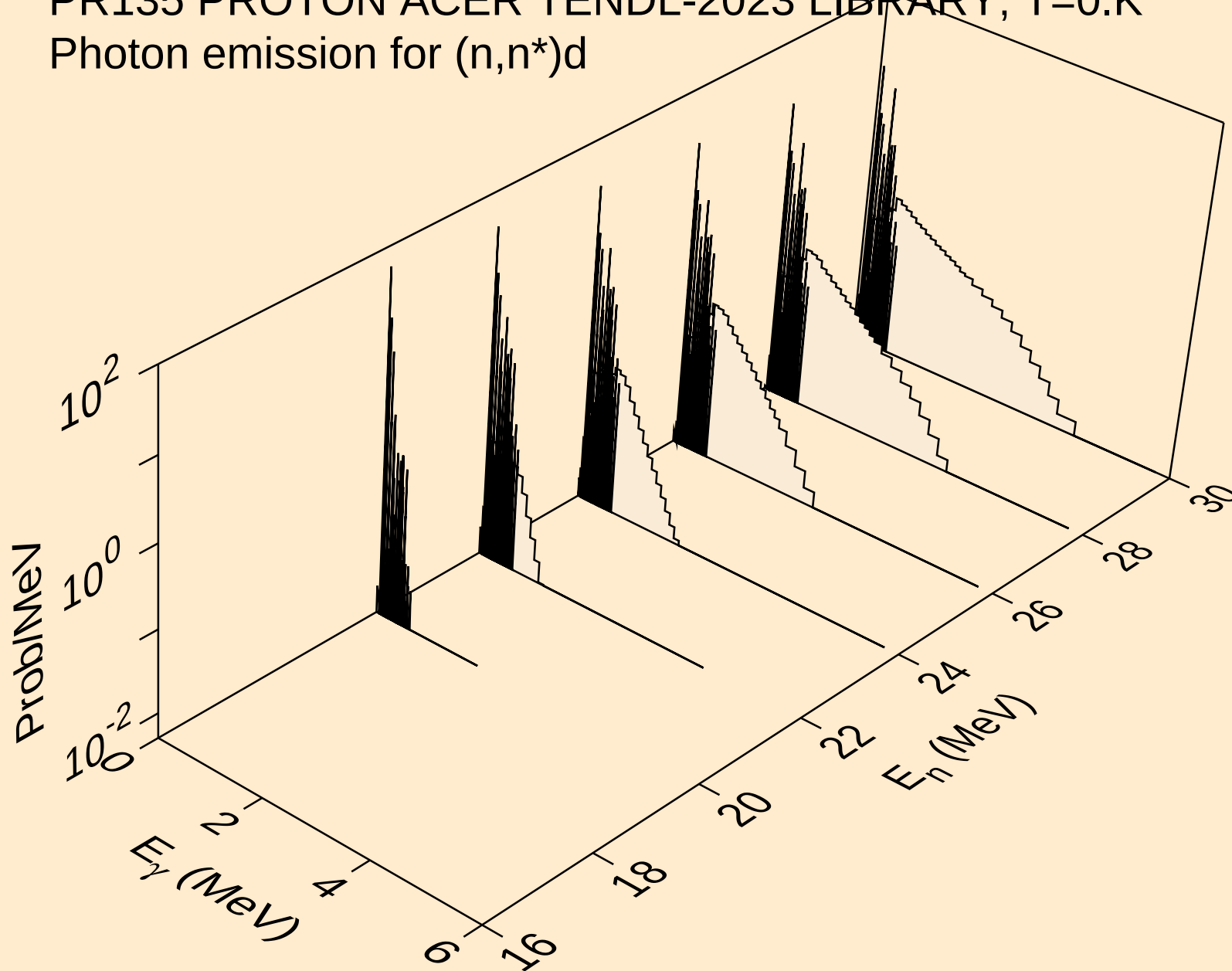
PR135 PROTON ACER TENDL-2023 LIBRARY; T=0.K

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



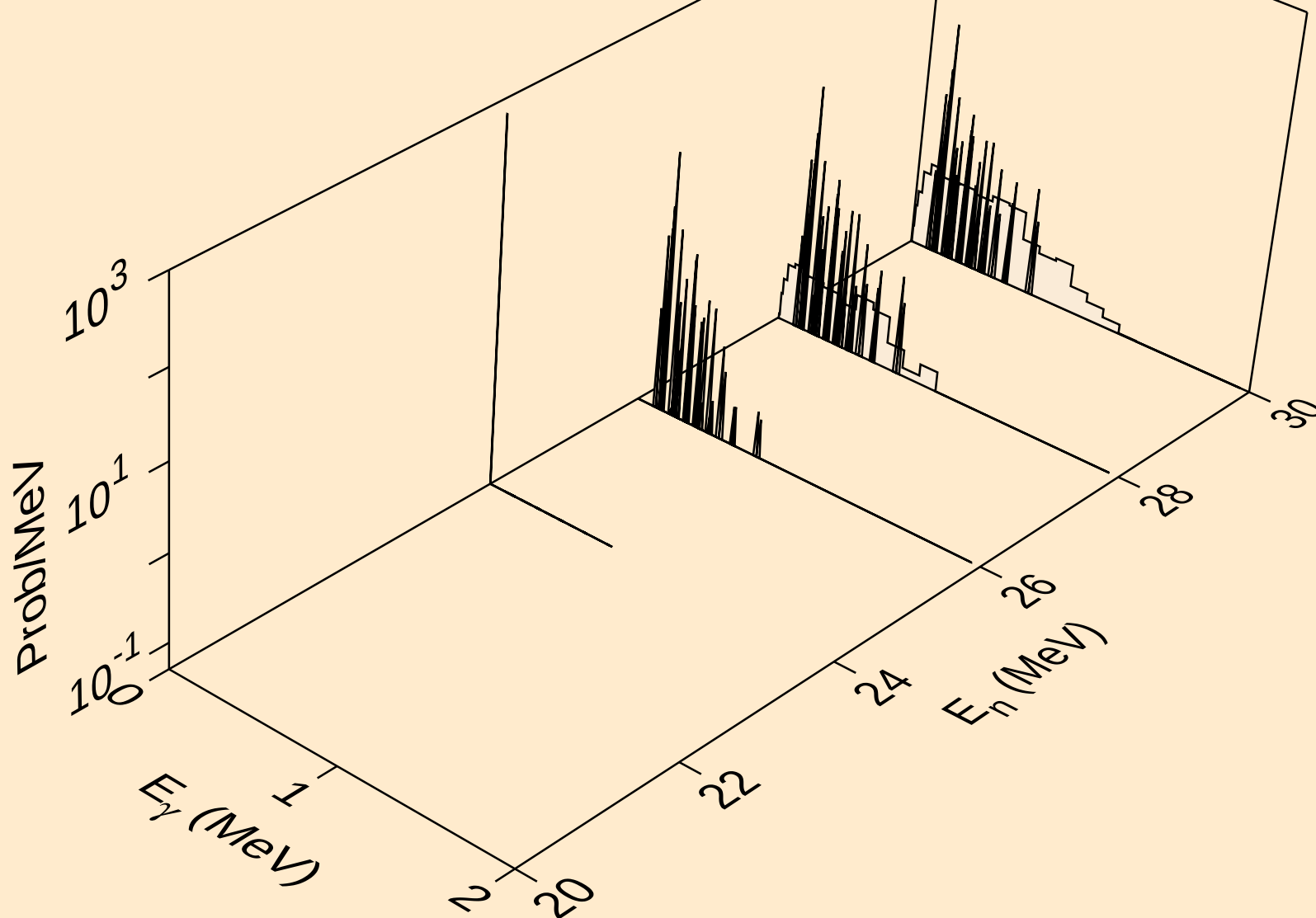
PR135 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n\*)d

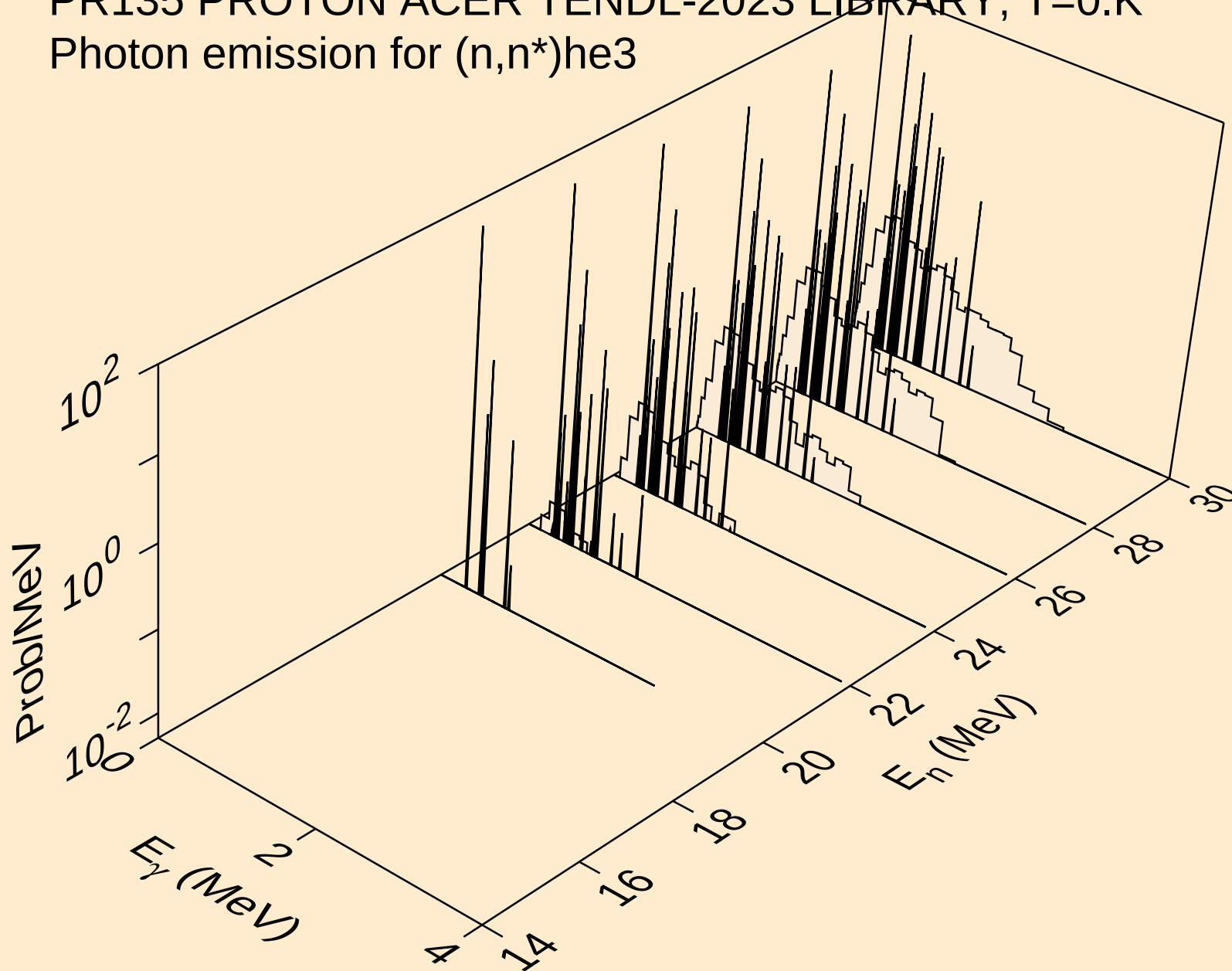


PR135 PROTON ACER TENDL-2023 LIBRARY; T=0.K

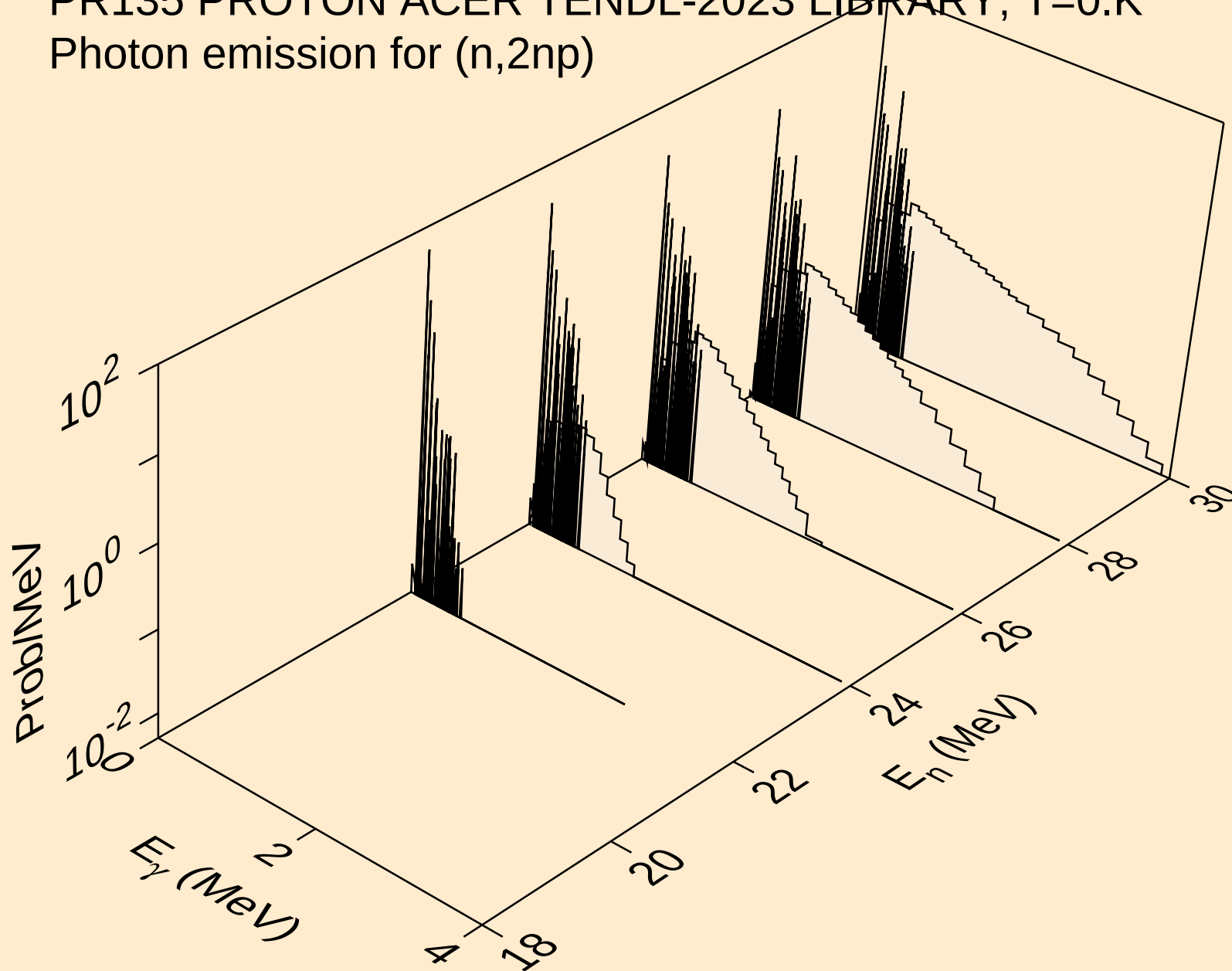
Photon emission for (n,n\*)t



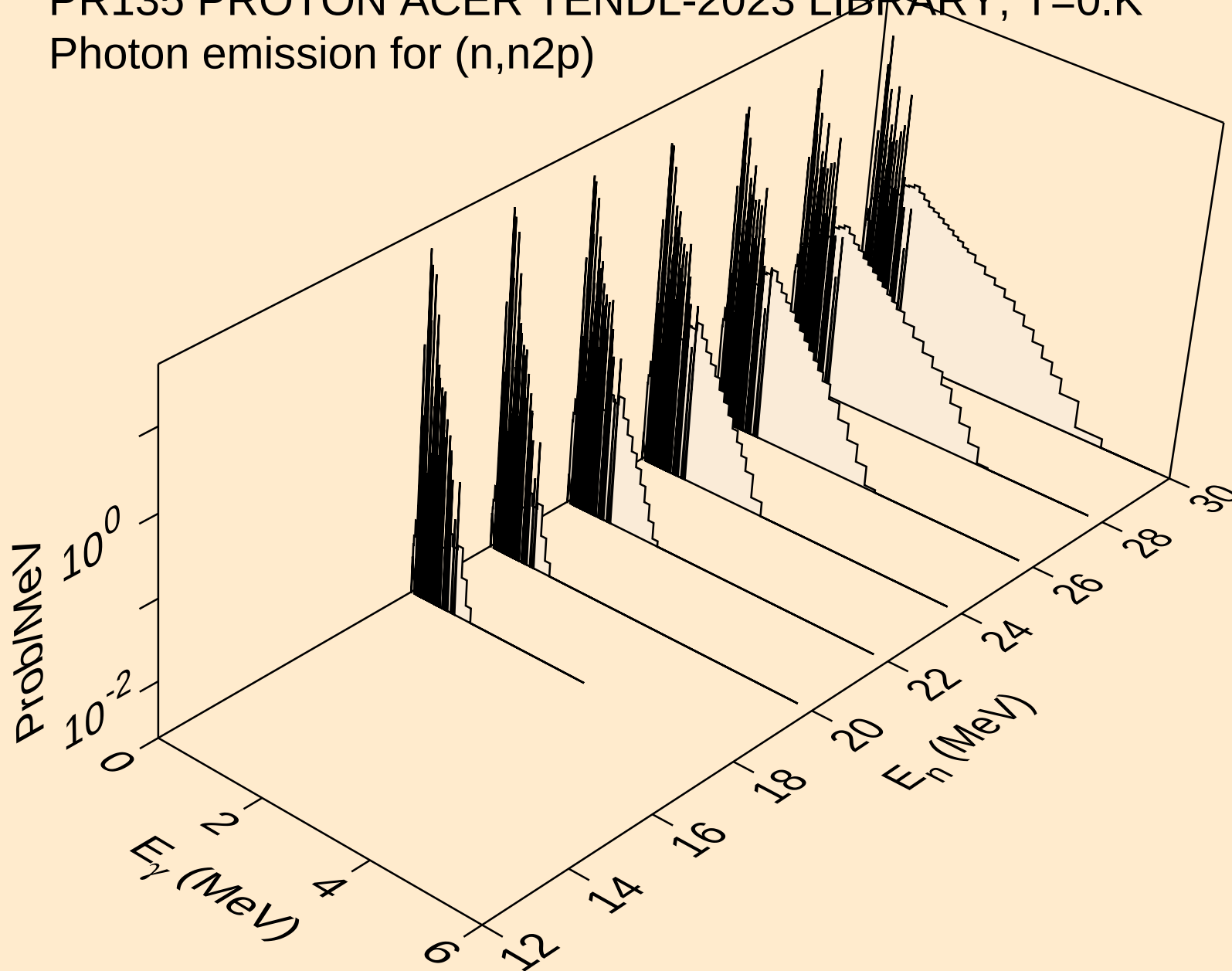
PR135 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



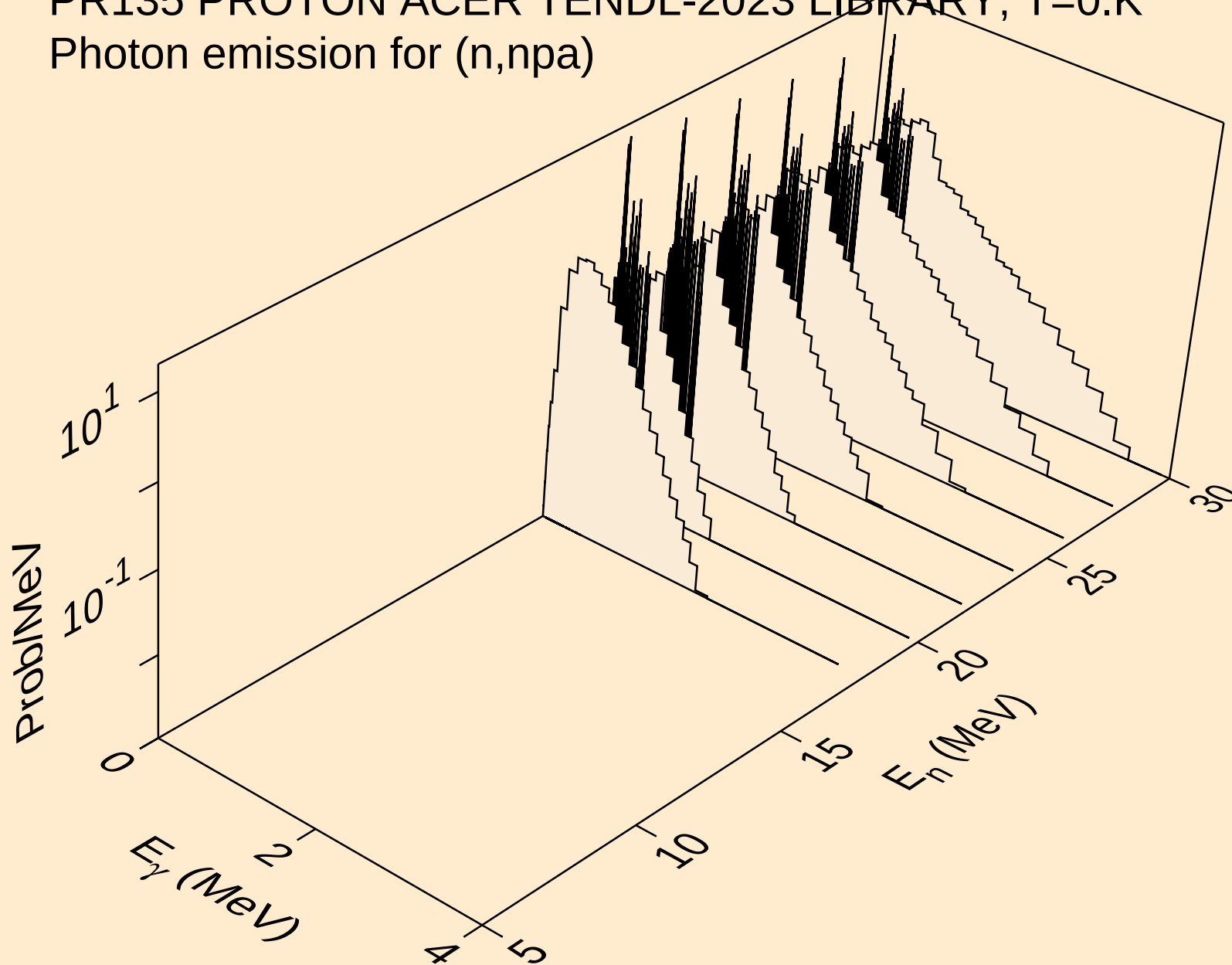
PR135 PROTON ACER TENDL-2023 LIBRARY;  $T=0.K$   
Photon emission for (n,2np)



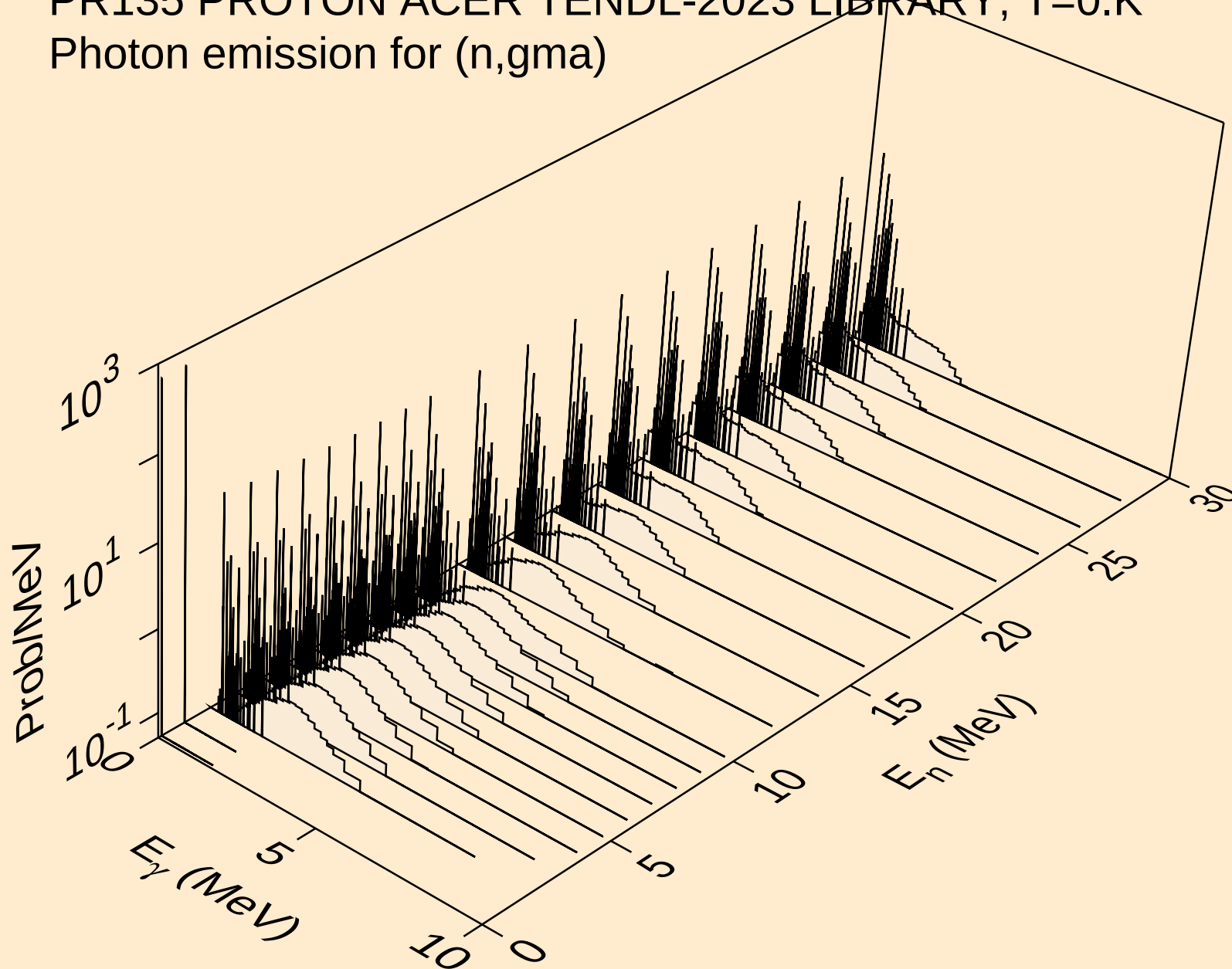
PR135 PROTON ACER TENDL-2023 LIBRARY;  $T=0.K$   
Photon emission for (n,n2p)



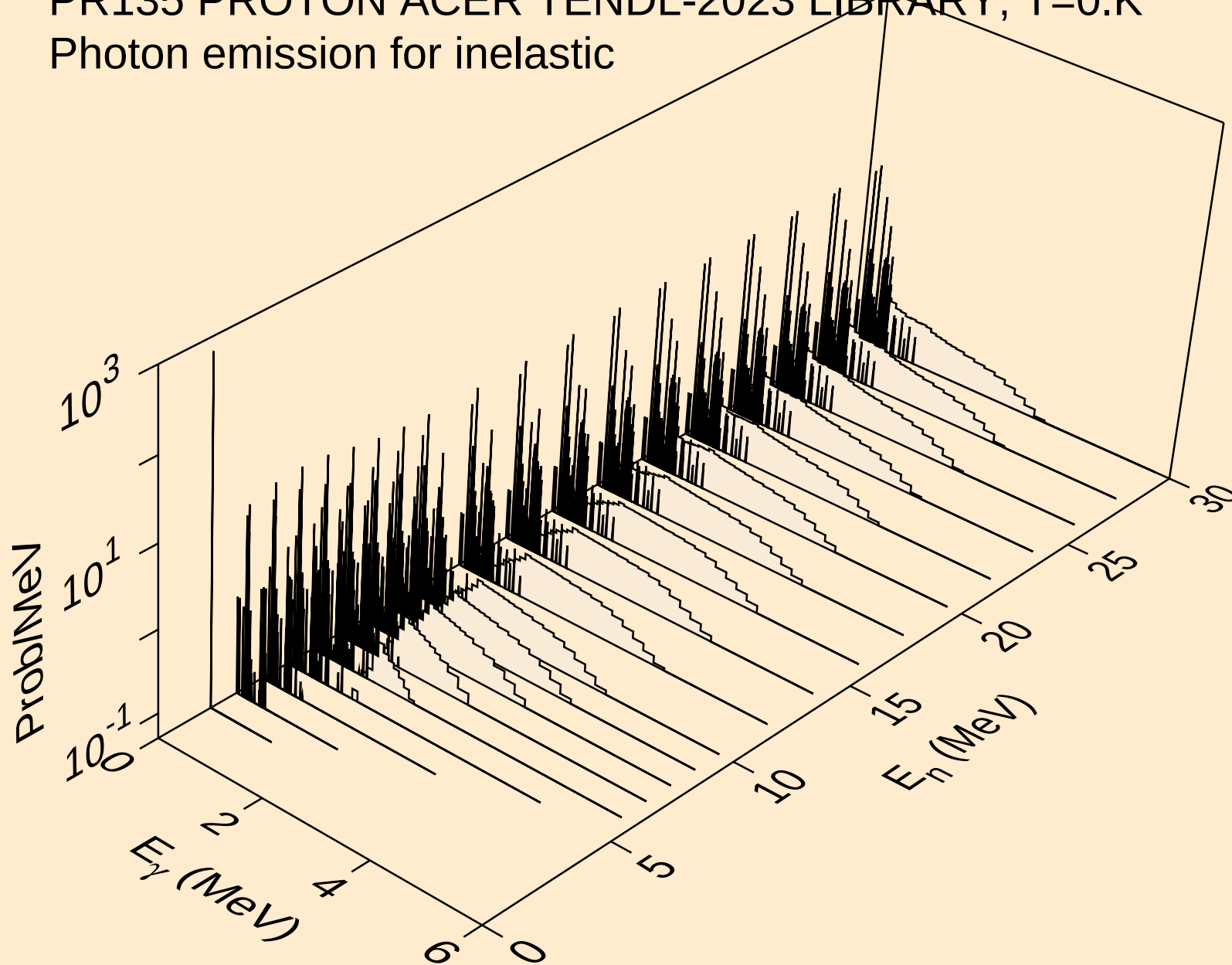
PR135 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



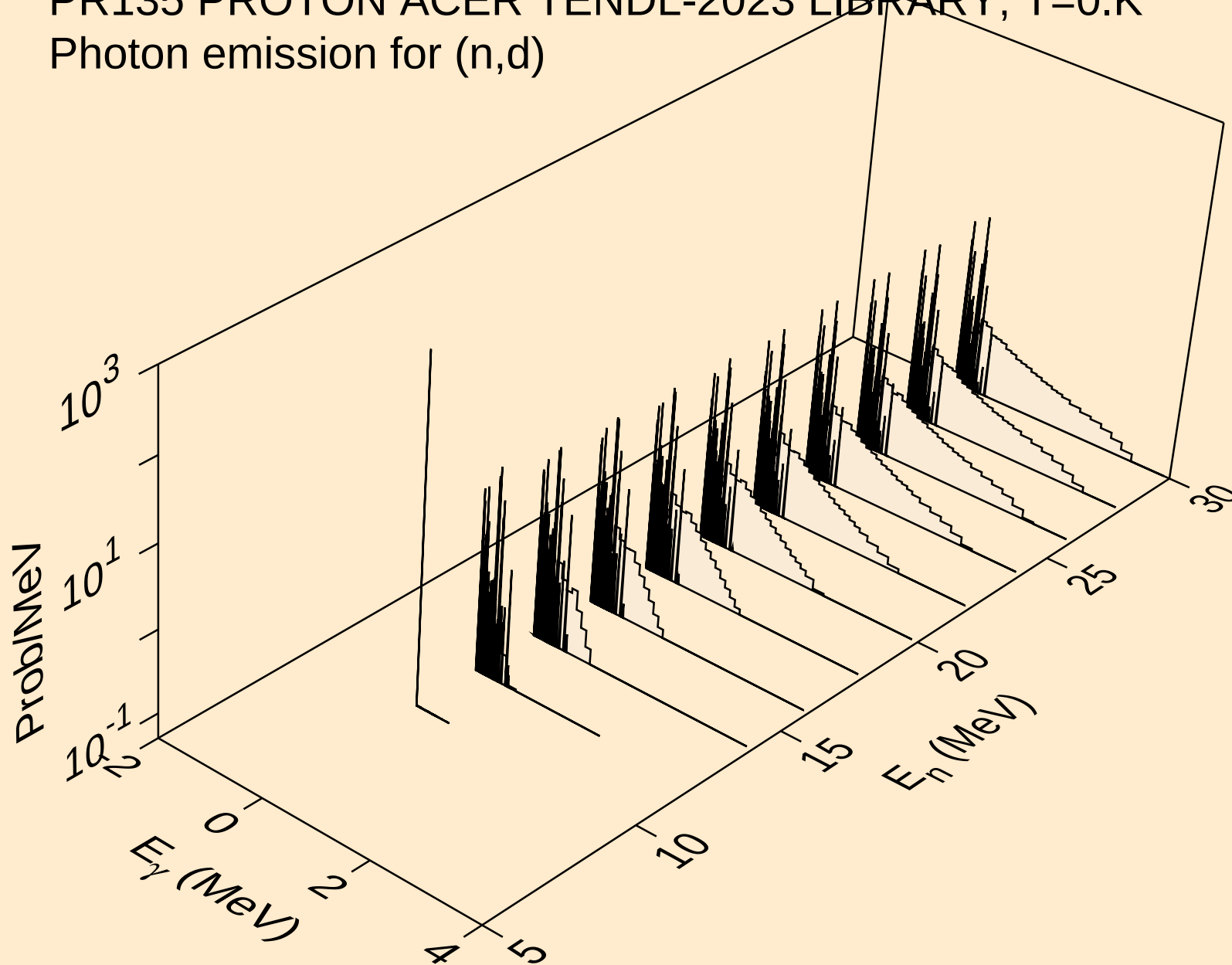
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Photon emission for (n,gma)



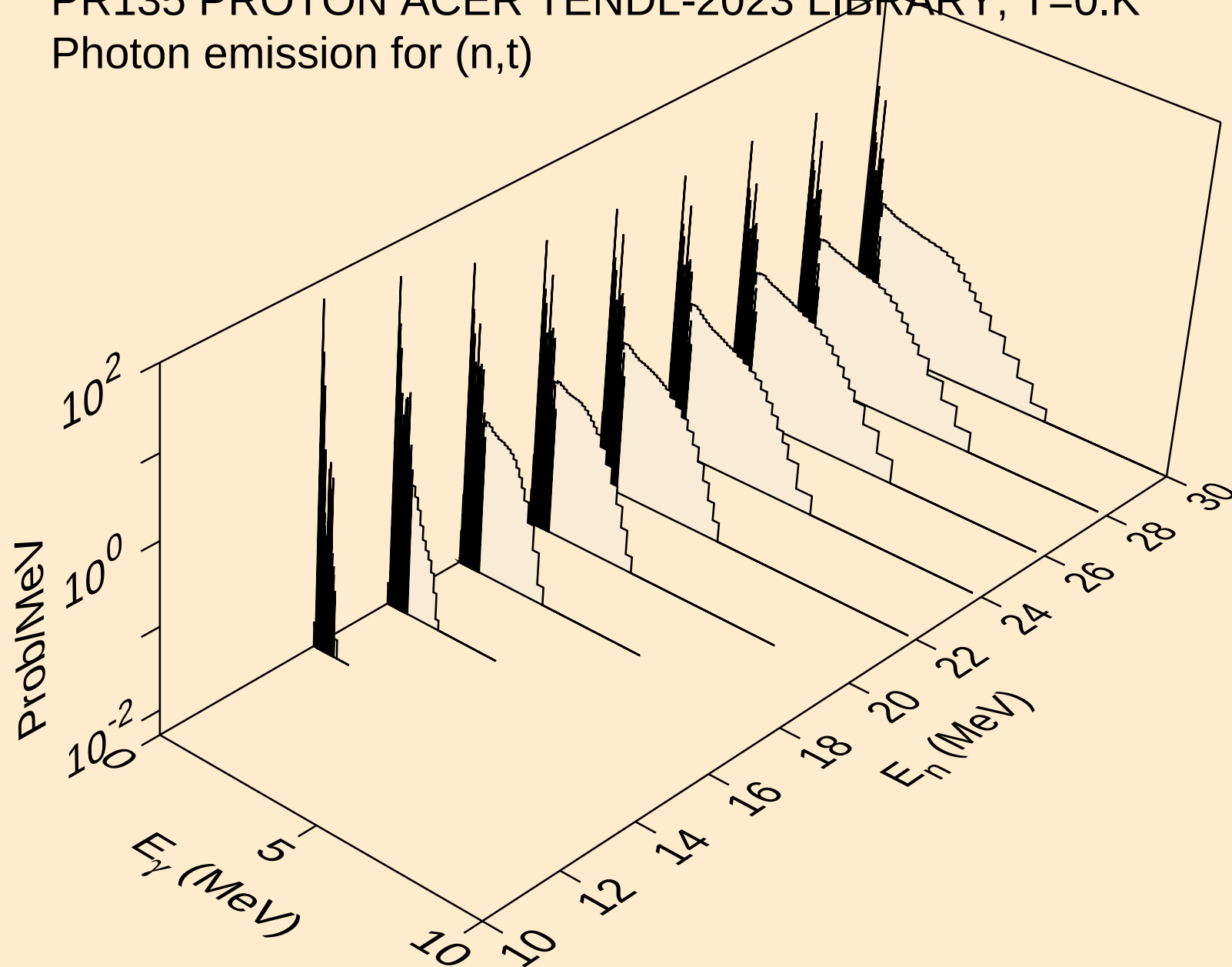
PR135 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



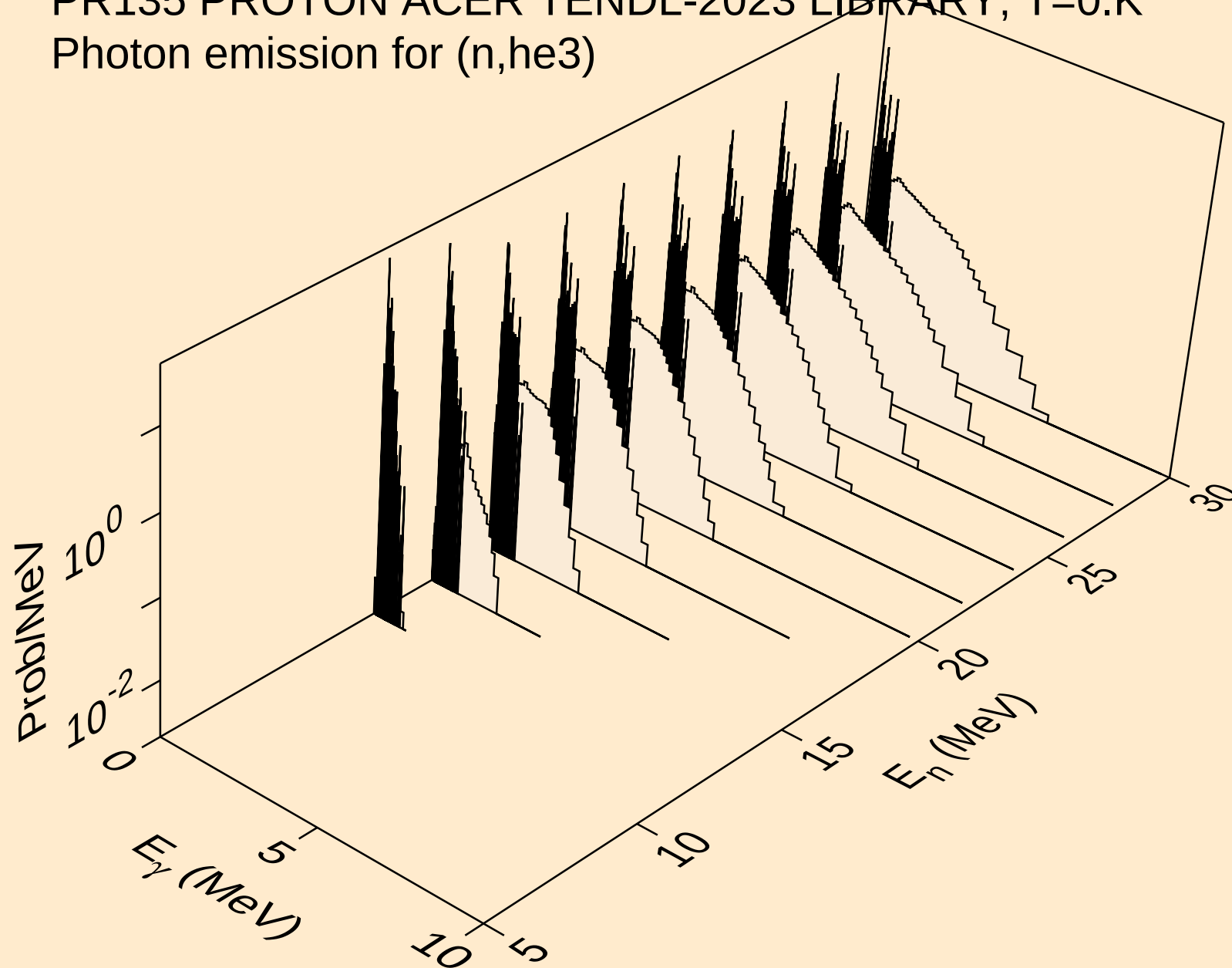
PR135 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



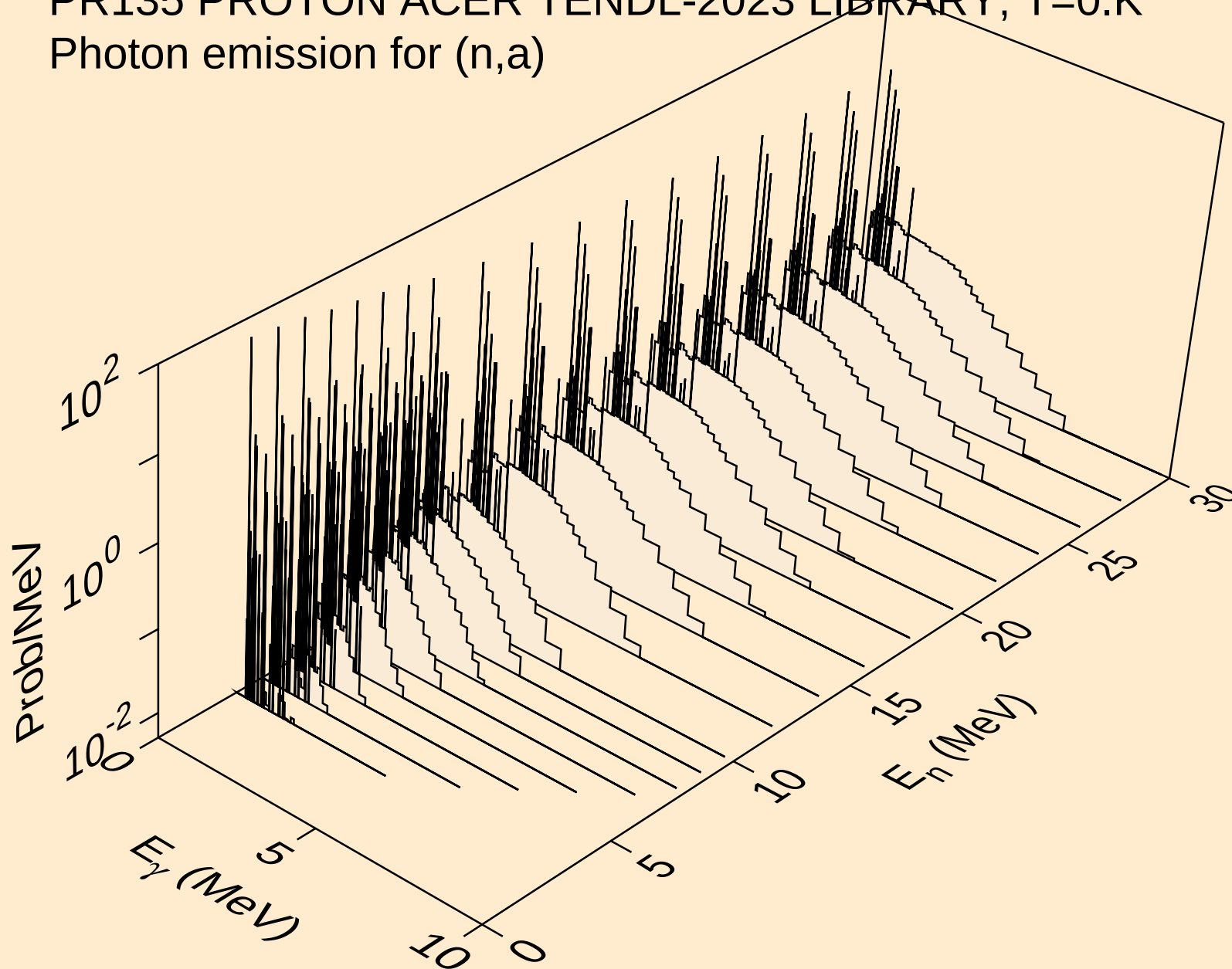
PR135 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



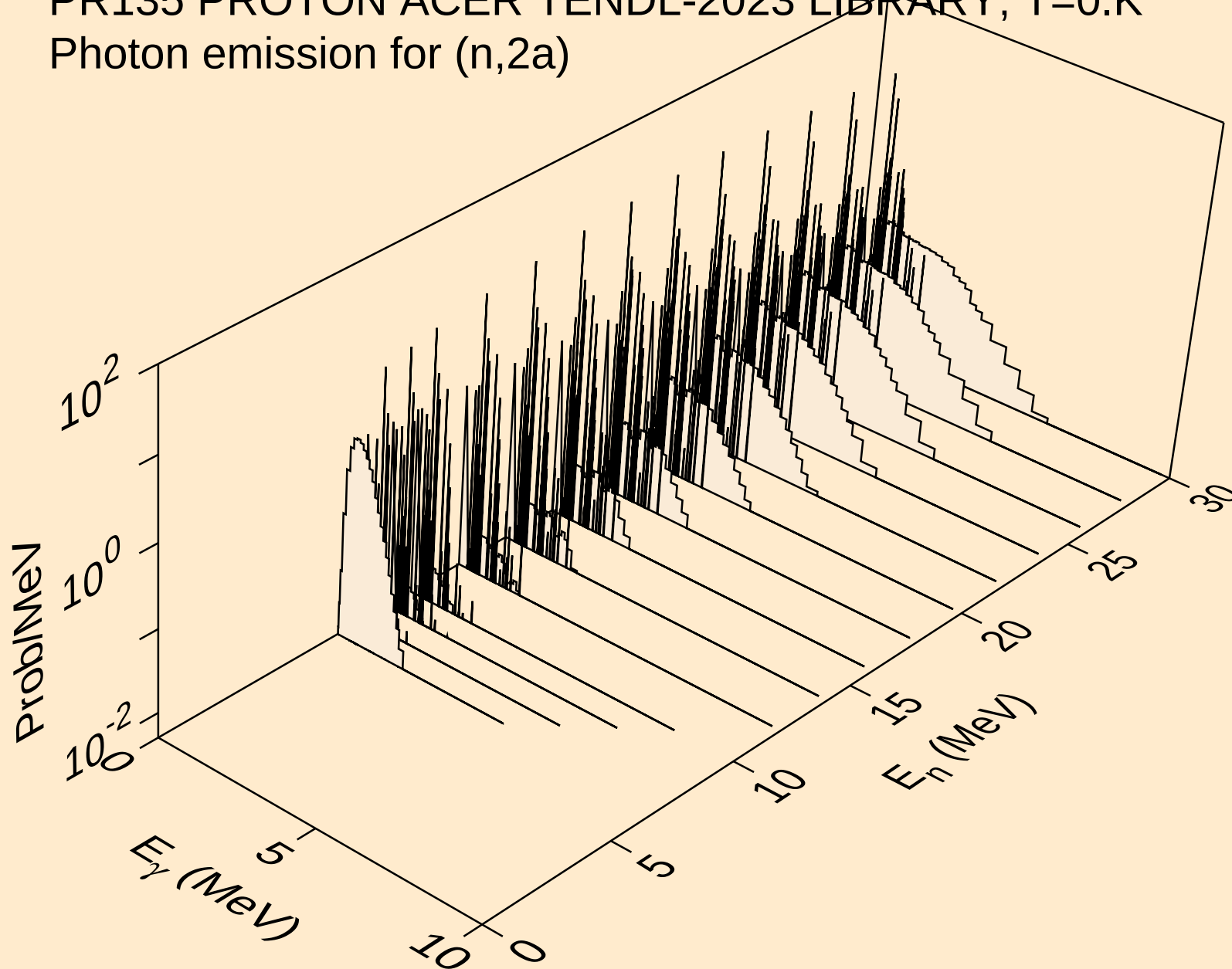
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Photon emission for (n,he3)



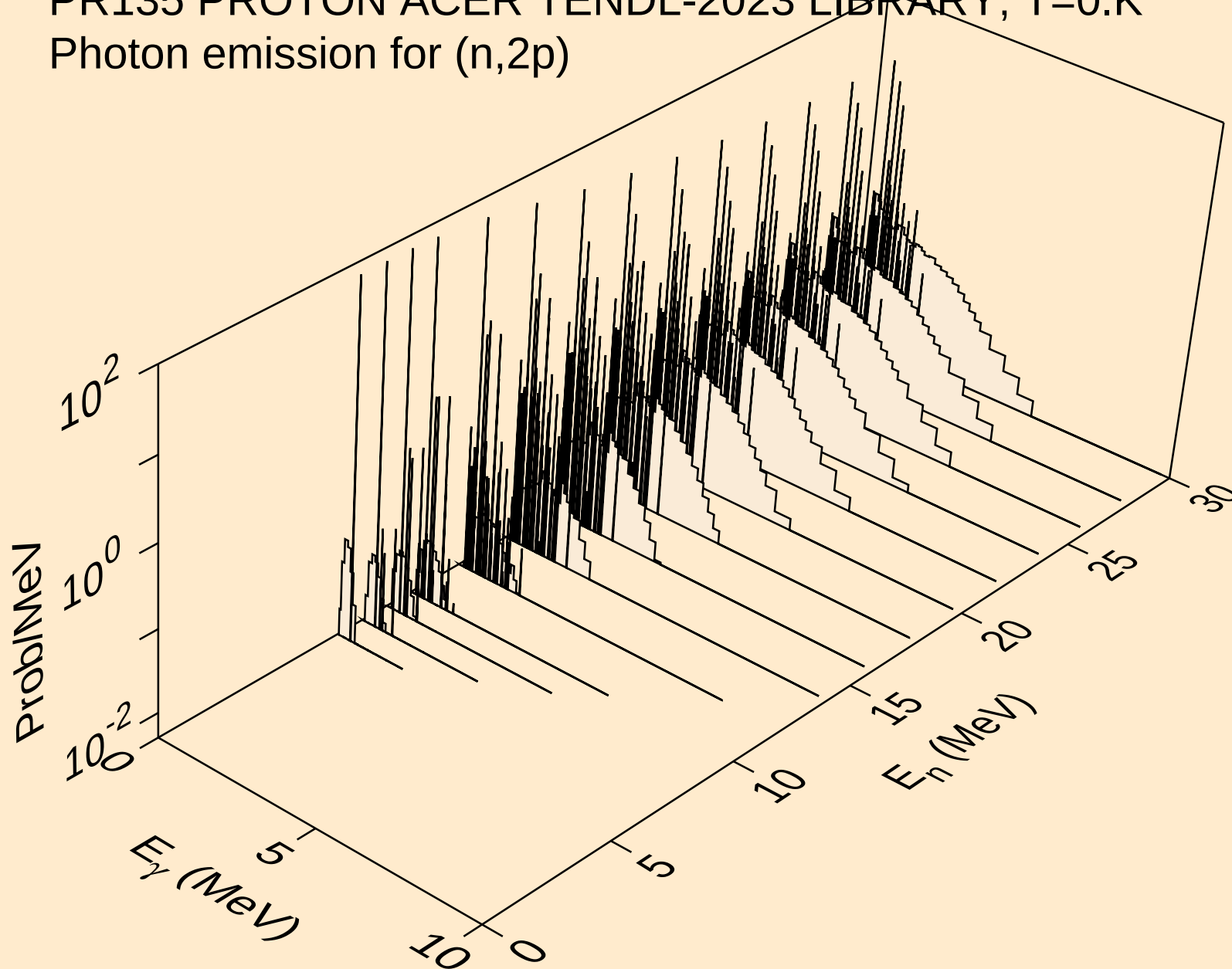
PR135 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,a)



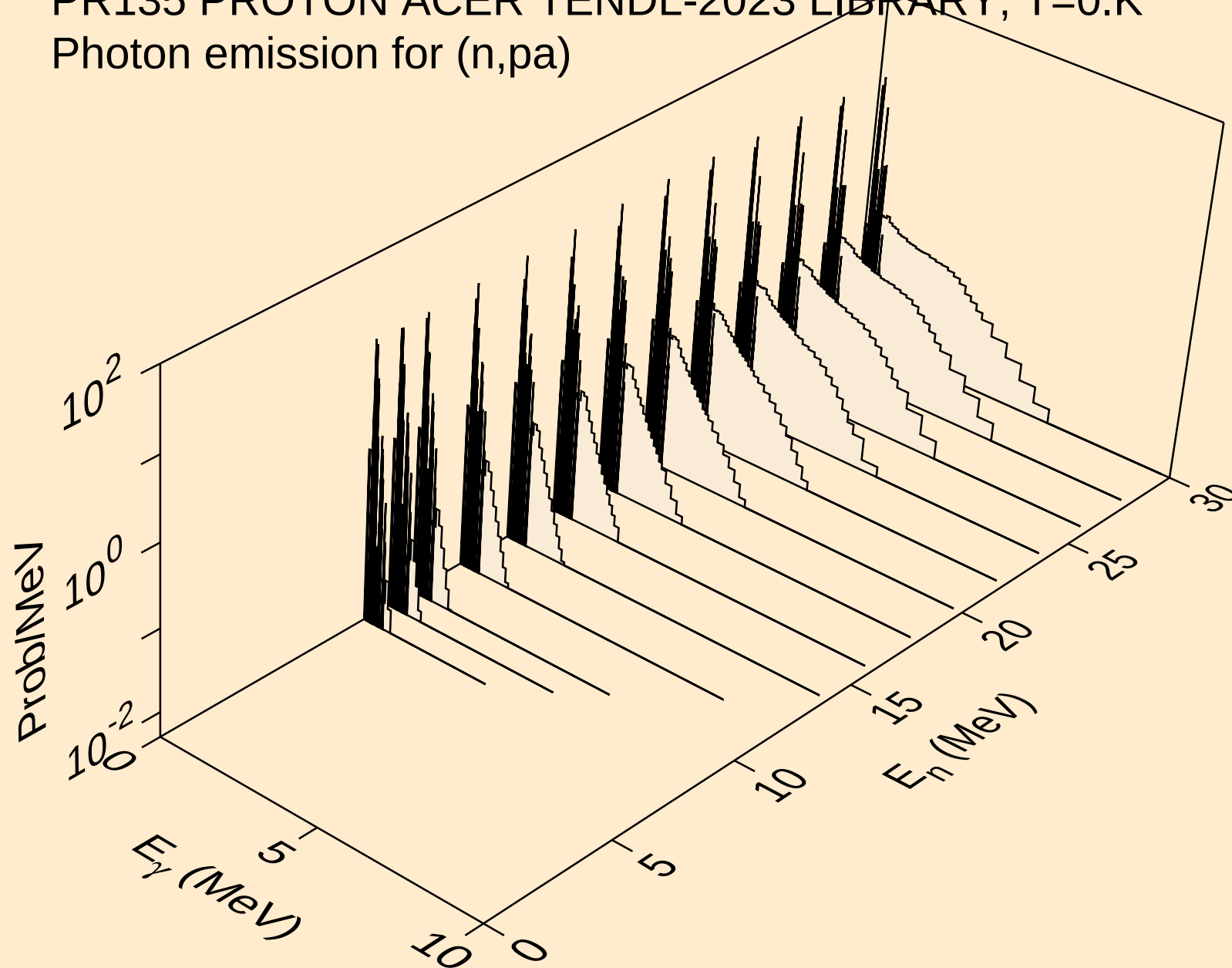
PR135 PROTON ACER TENDL-2023 LIBRARY;  $T=0.K$   
Photon emission for (n,2a)



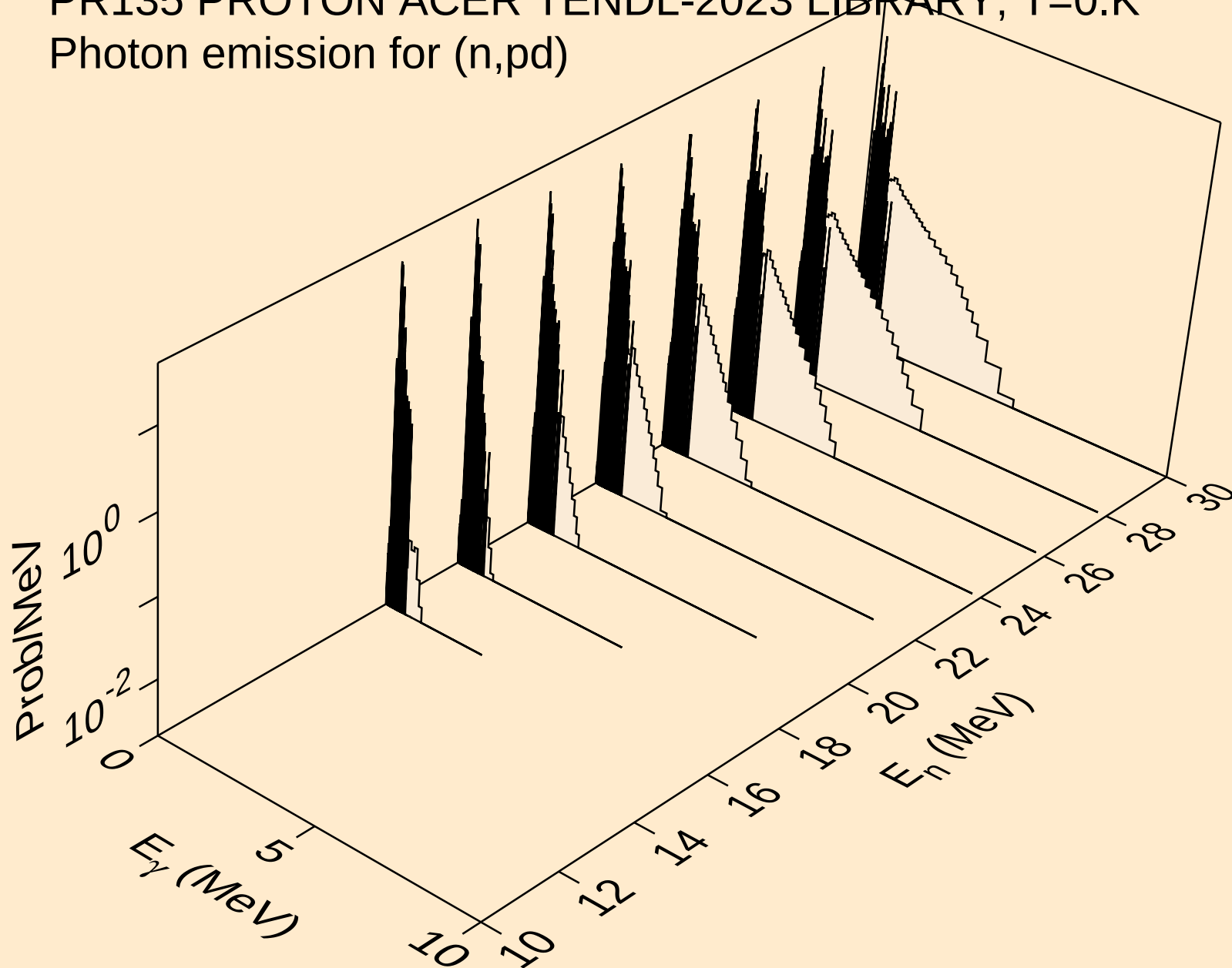
PR135 PROTON ACER TENDL-2023 LIBRARY;  $T=0.K$   
Photon emission for (n,2p)



PR135 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )

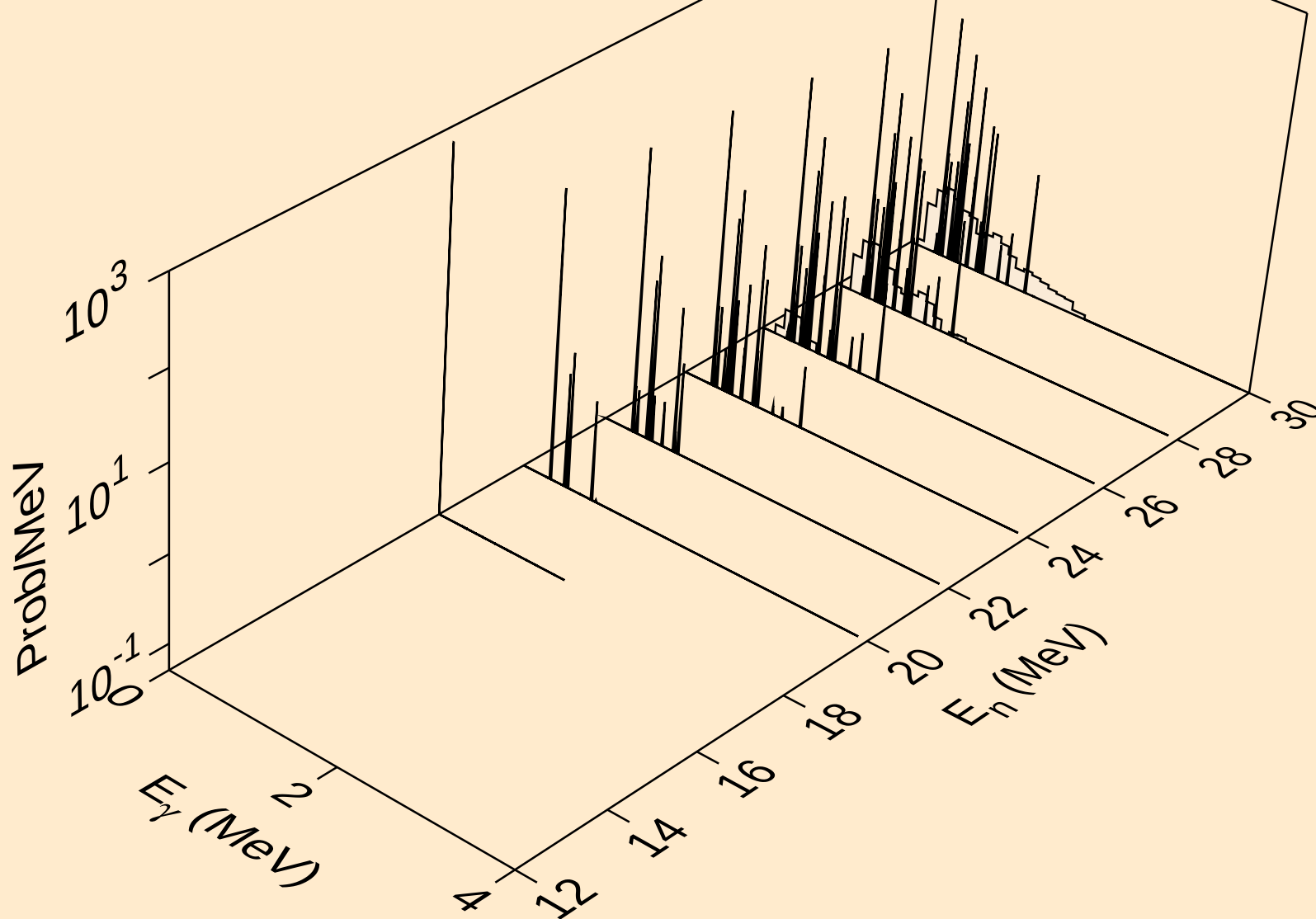


PR135 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)

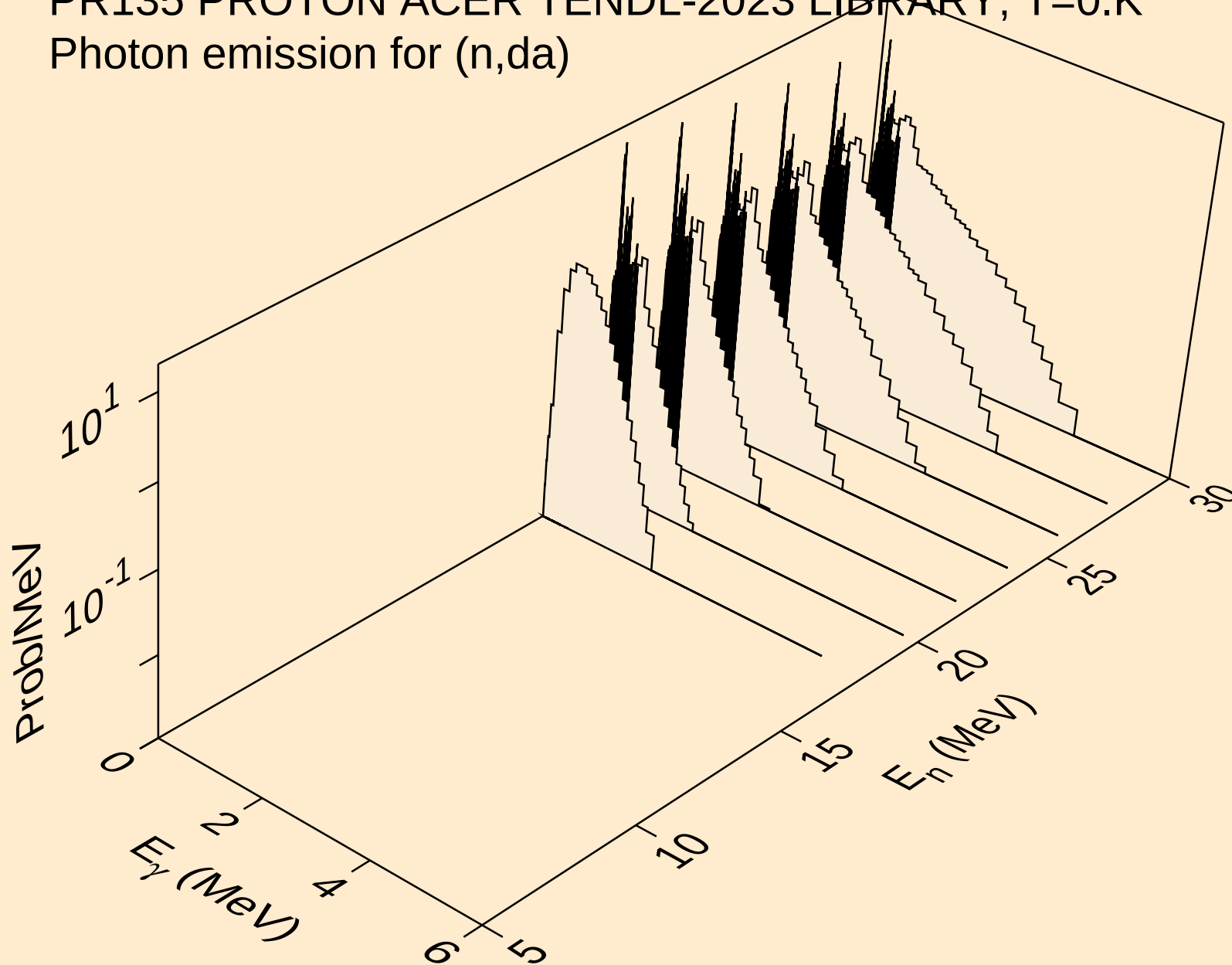


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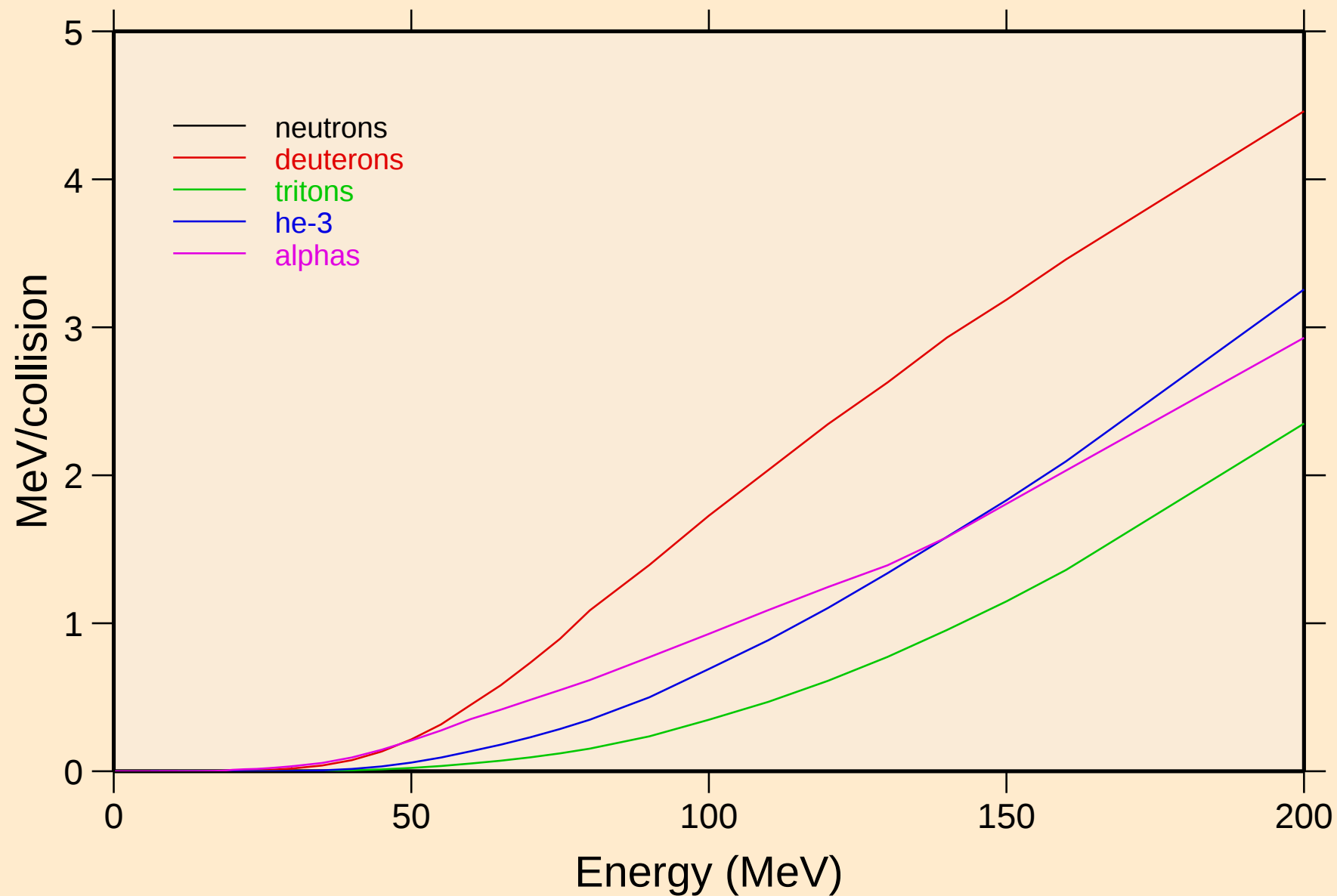
Photon emission for (n,pt)



PR135 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)

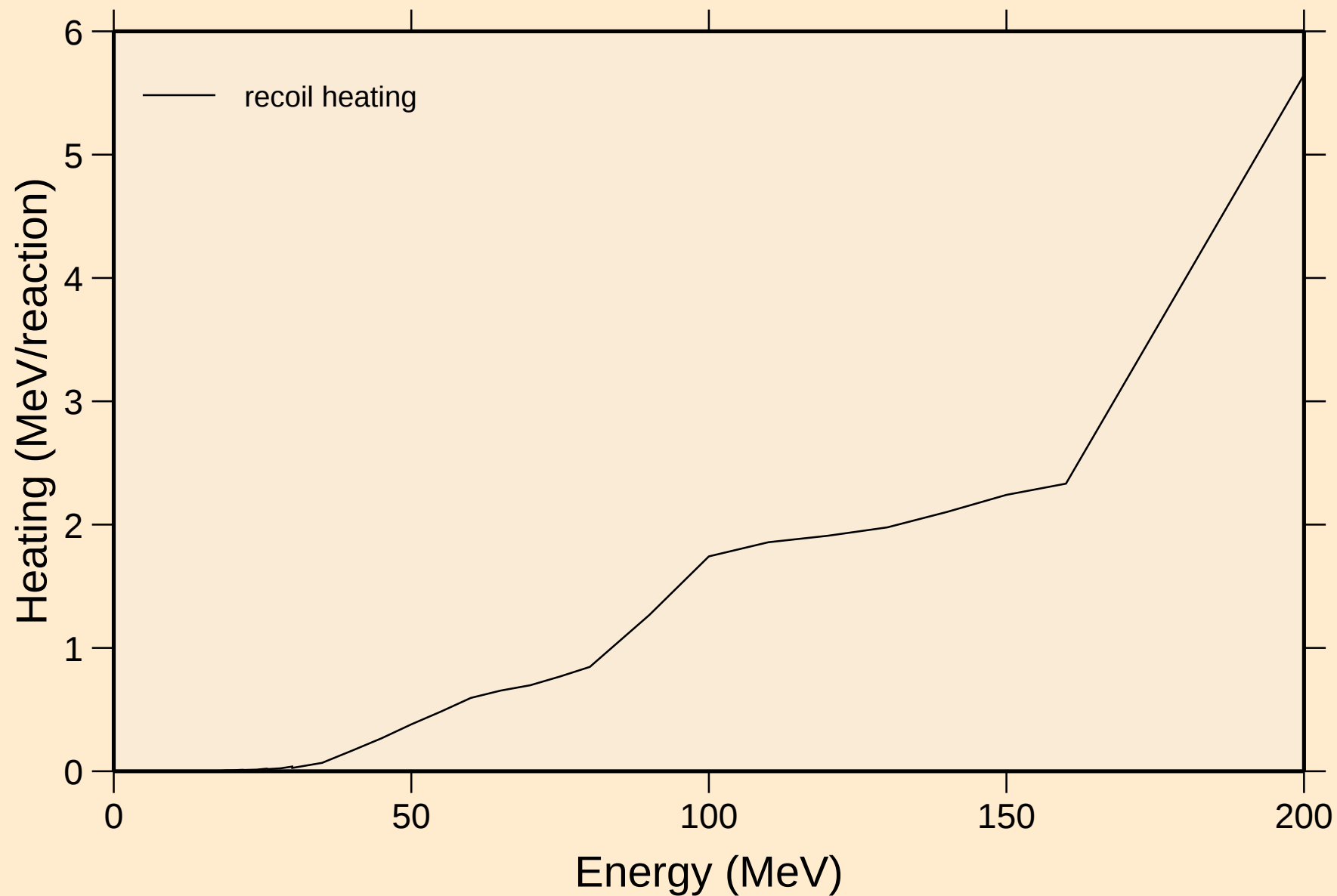


PR135 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



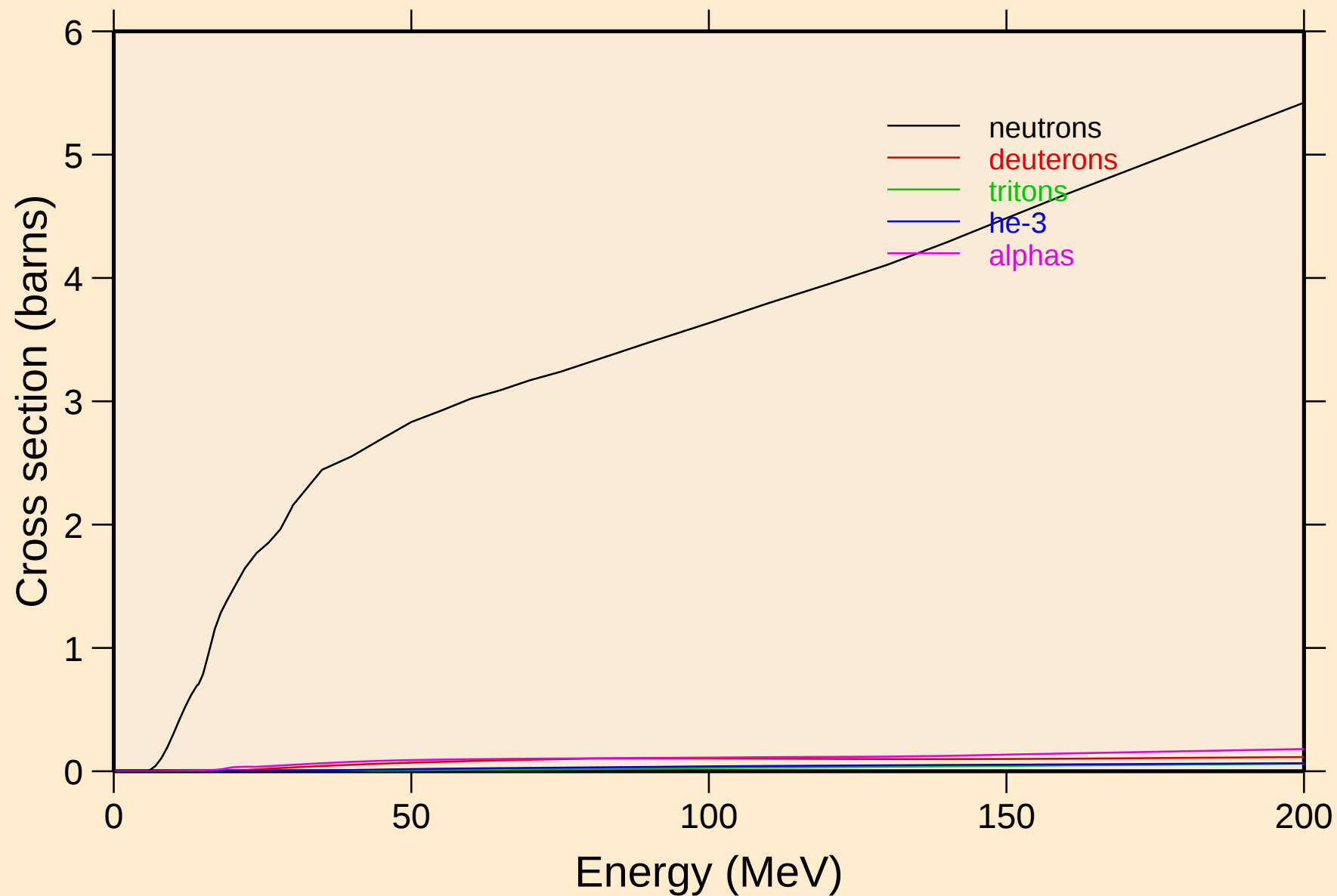
PR135 PROTON ACER TENDL-2023 LIBRARY; T=0.K

Recoil Heating

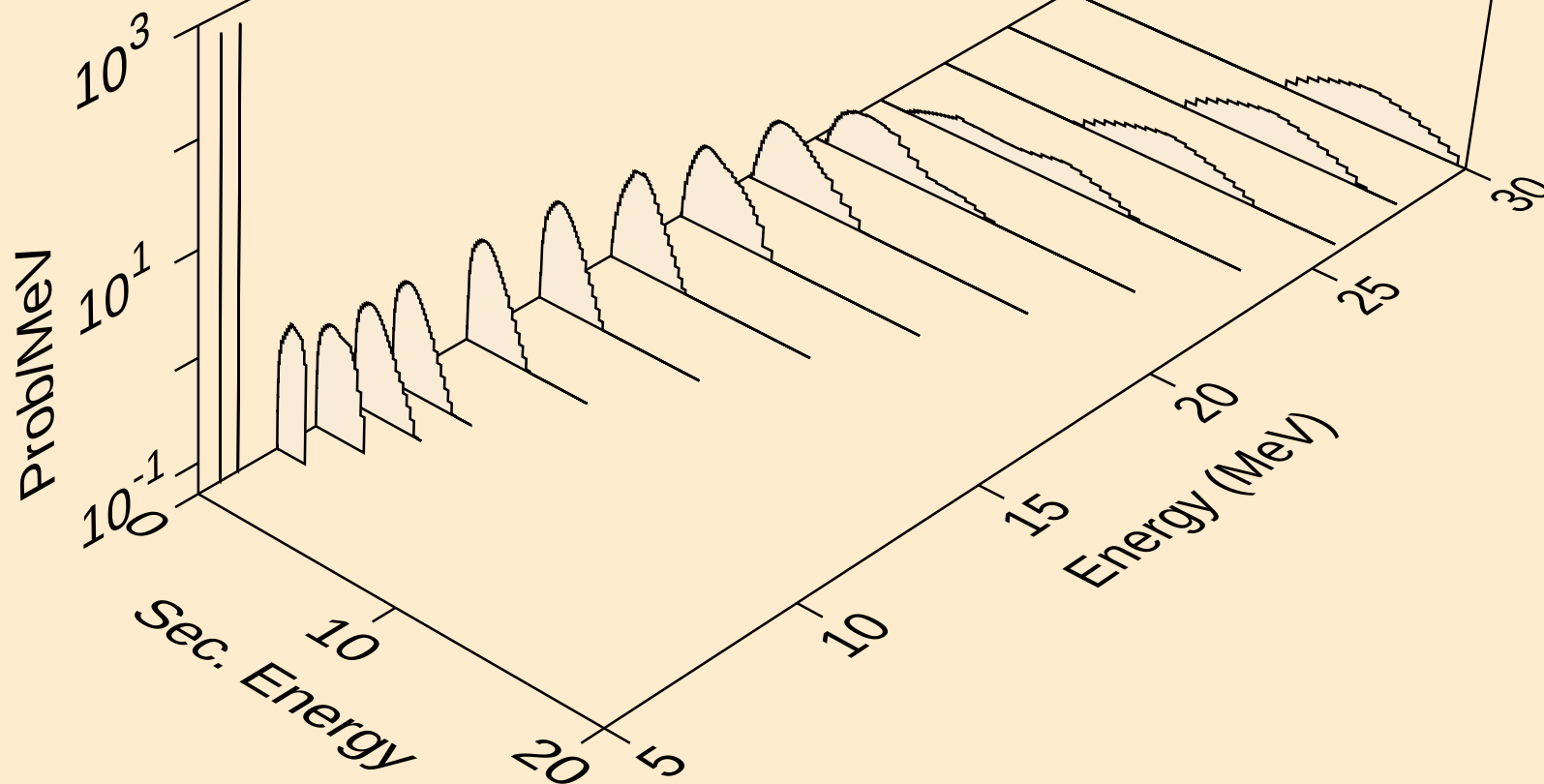


# PR135 PROTON ACER TENDL-2023 LIBRARY; T=0.K

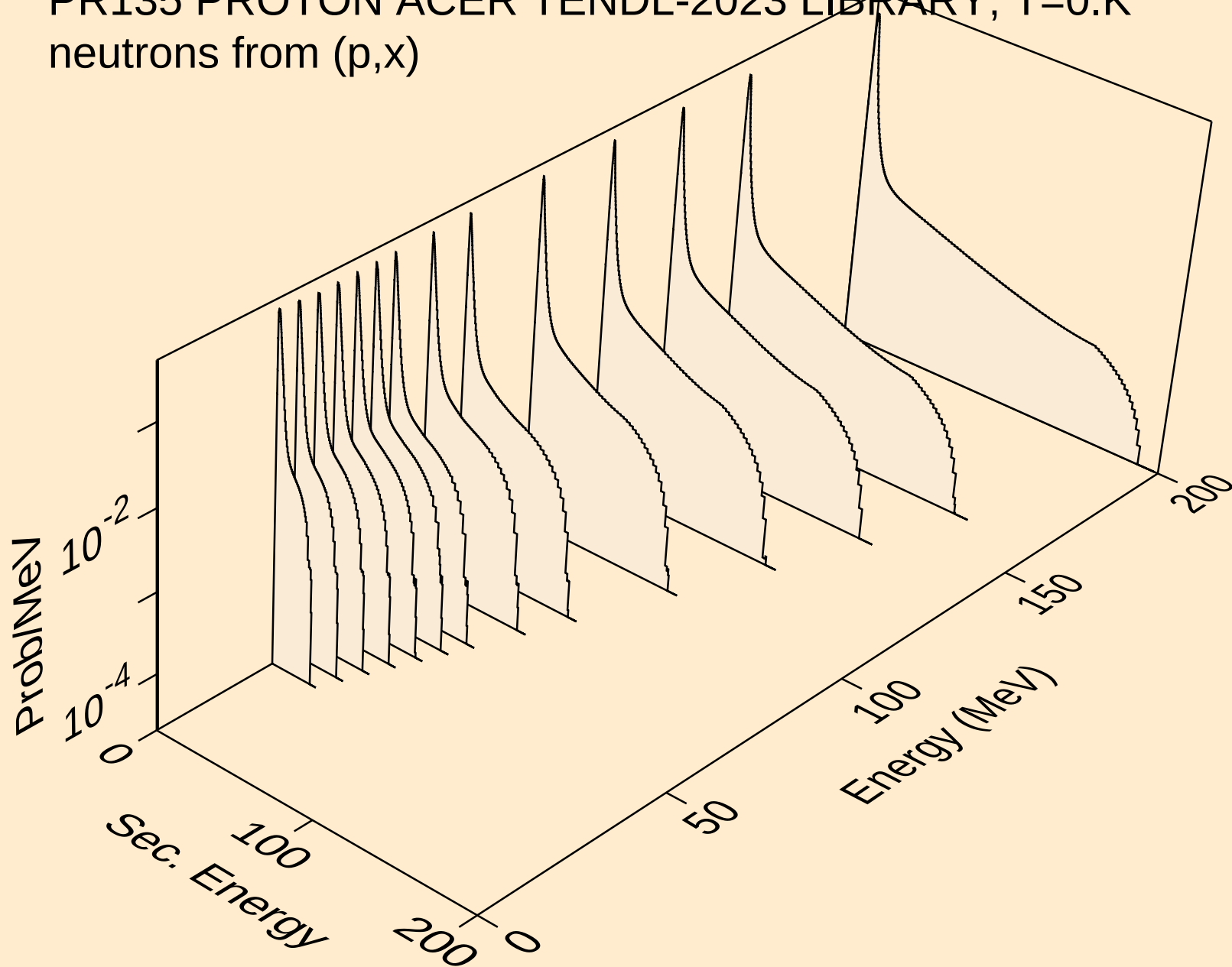
Particle production cross sections



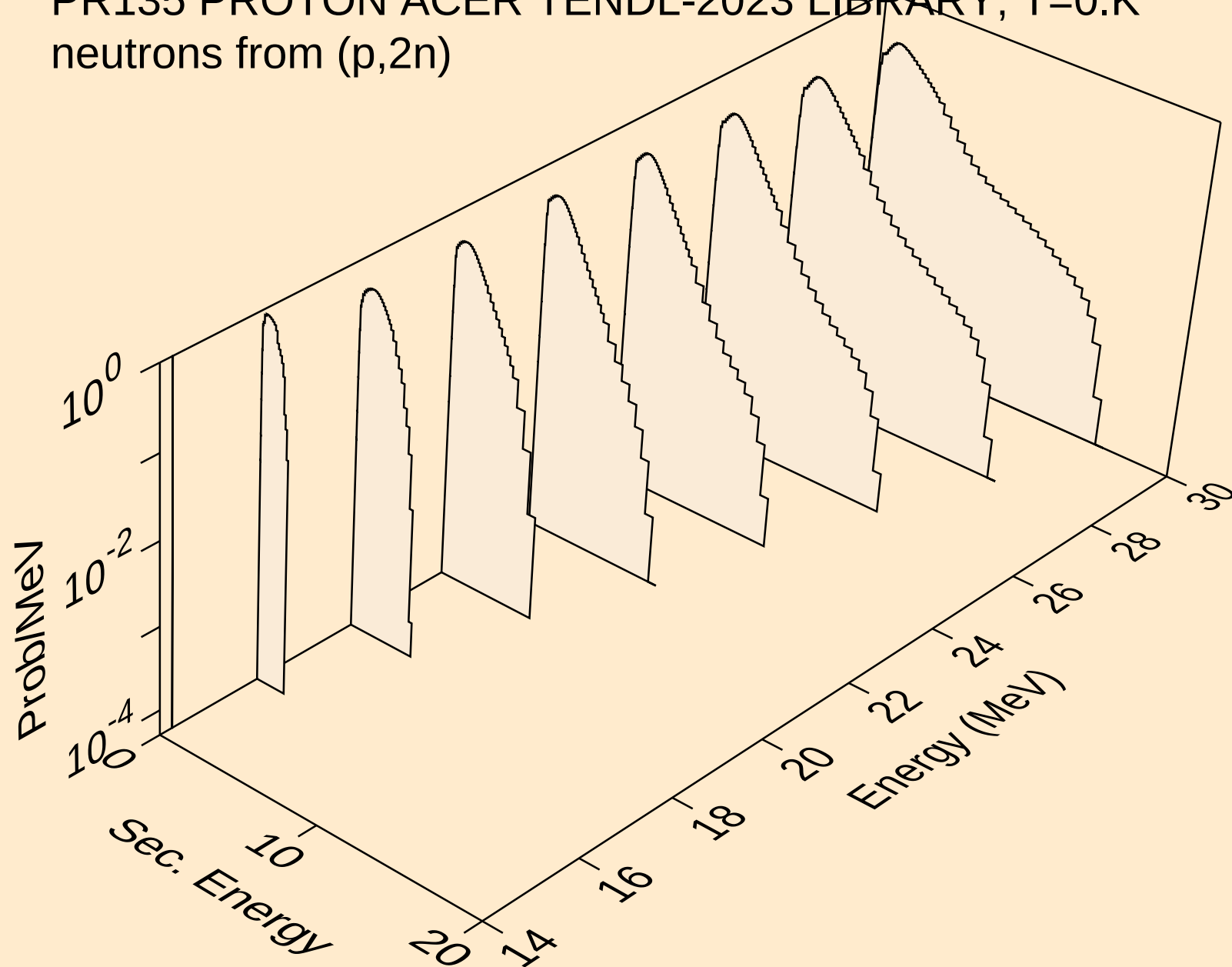
PR135 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n)



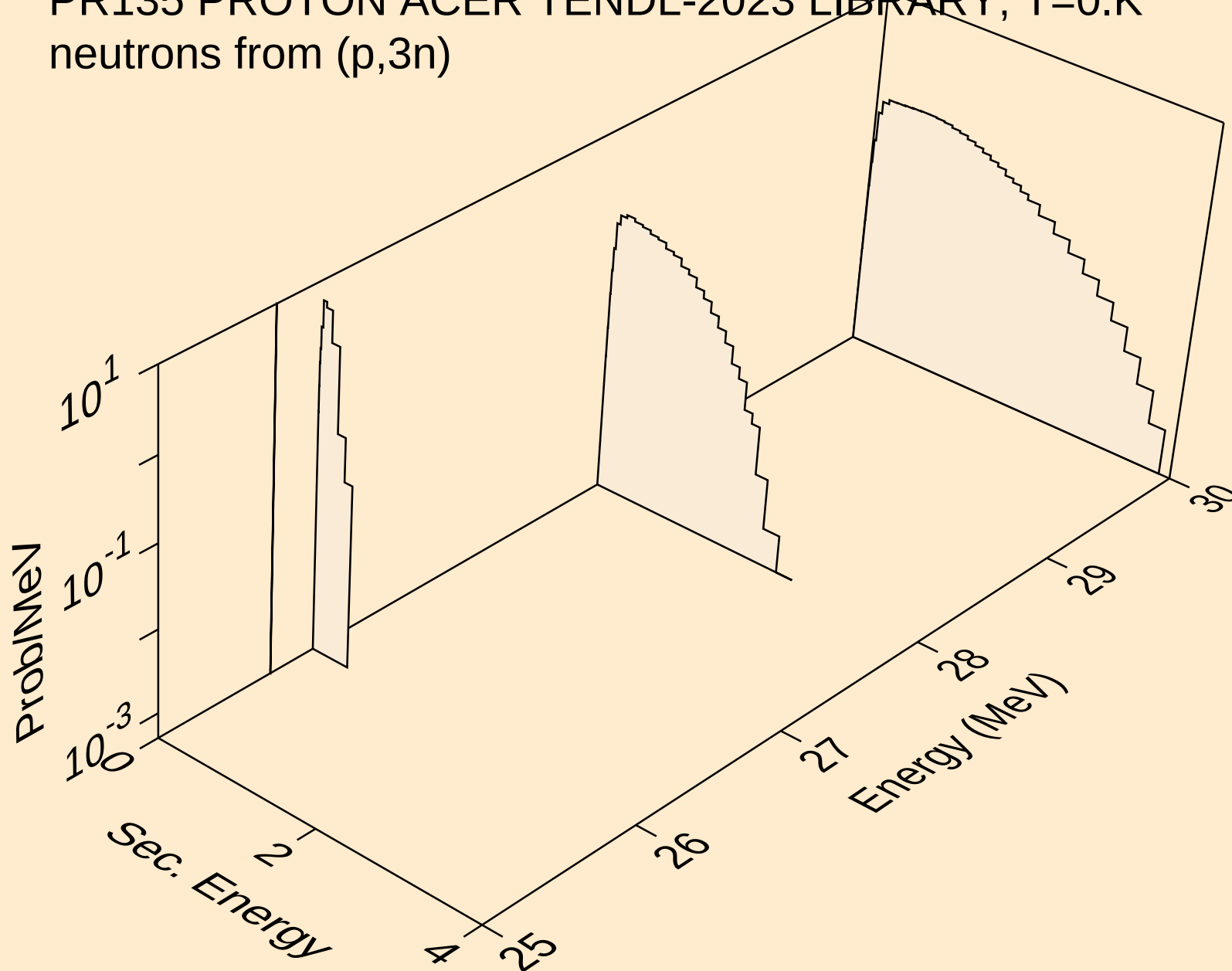
PR135 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,x)



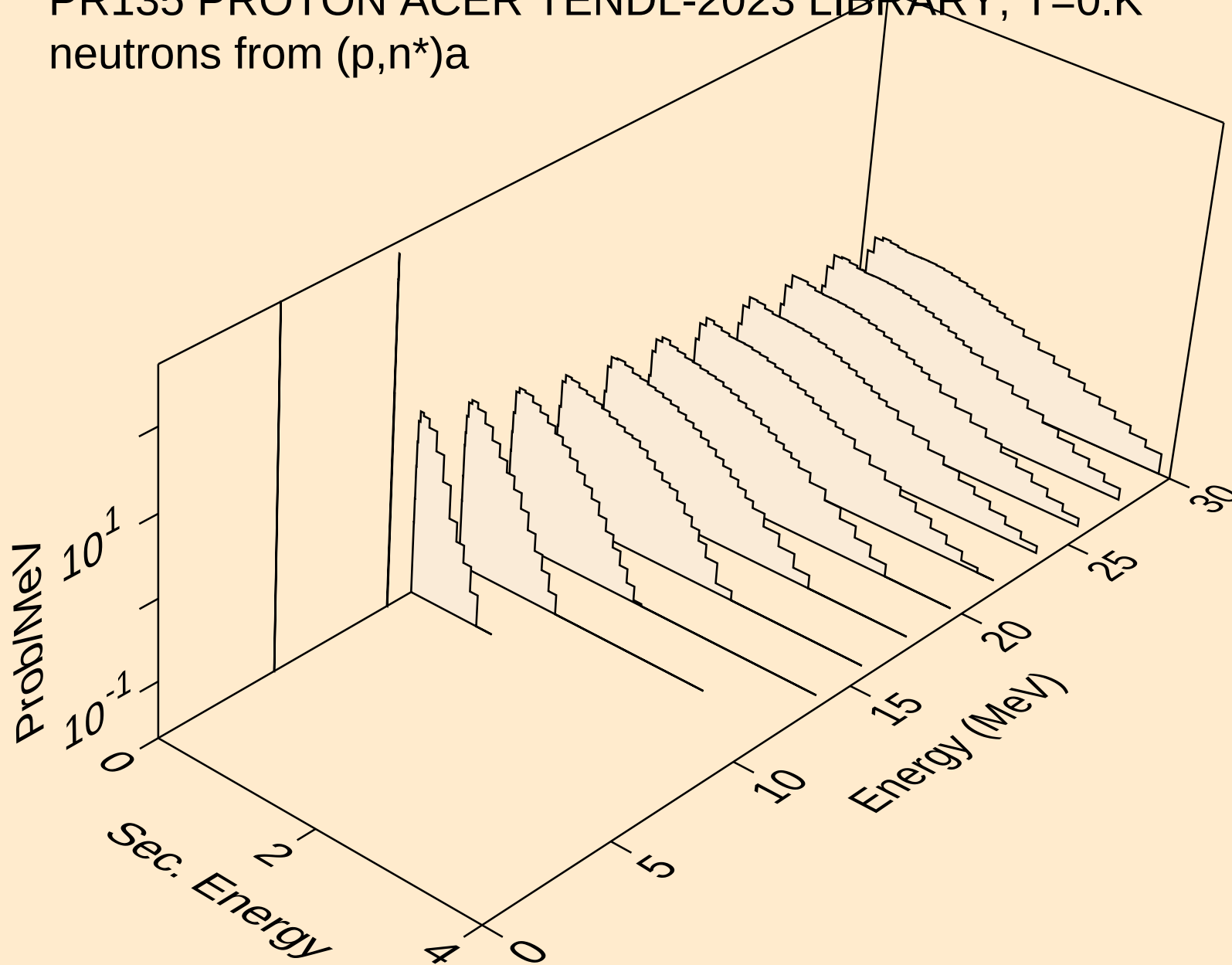
PR135 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,2n)



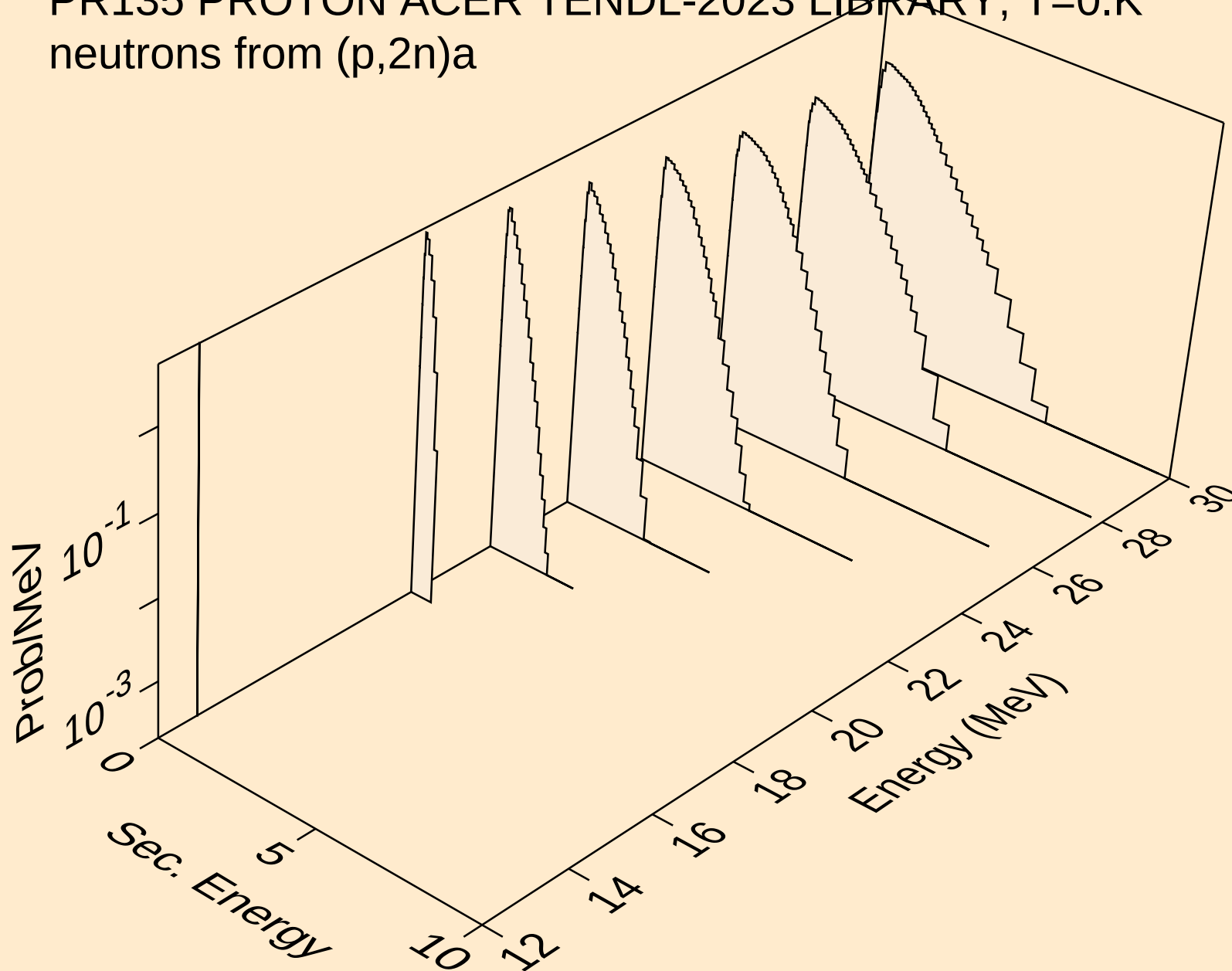
PR135 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,3n)



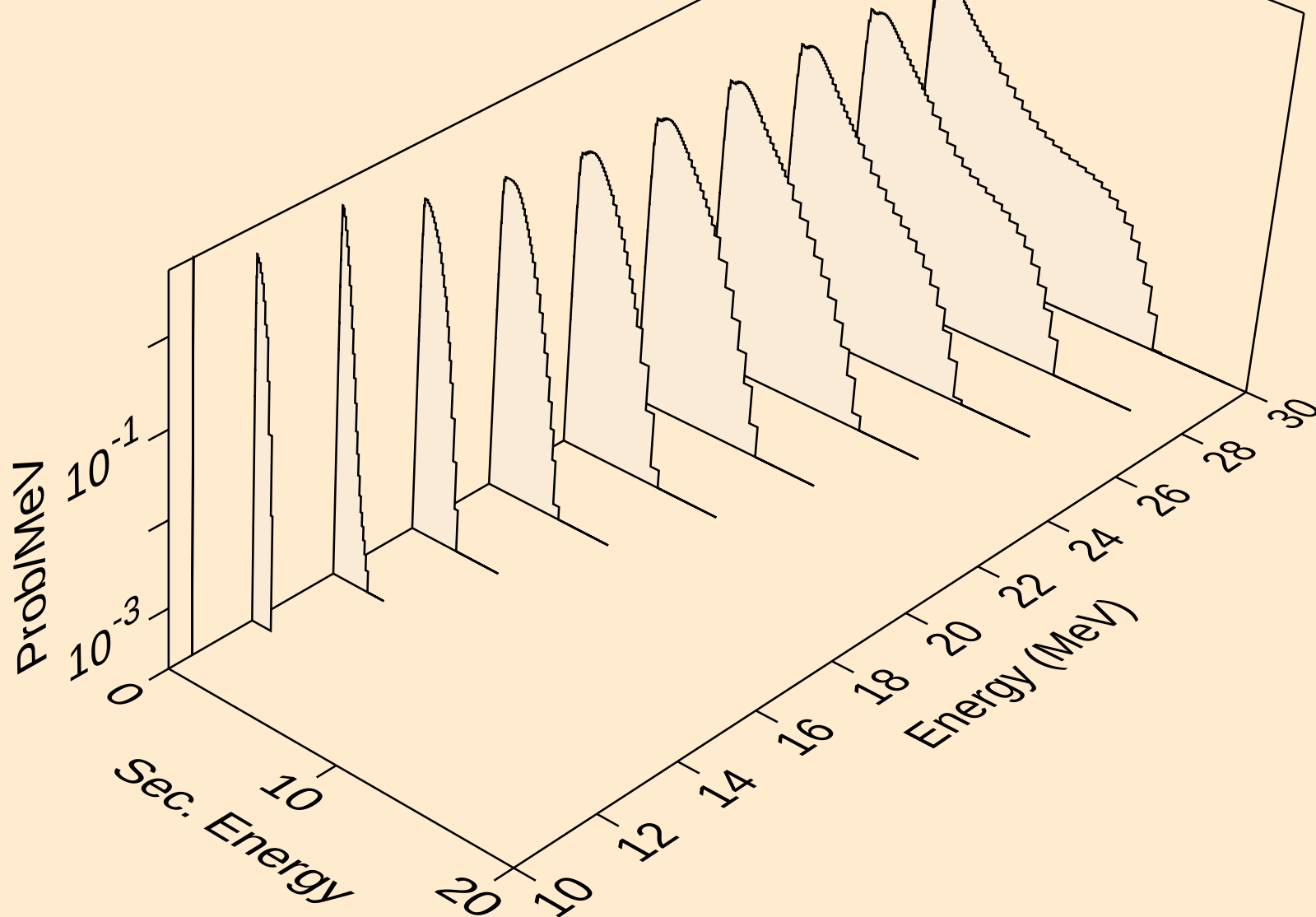
PR135 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)a



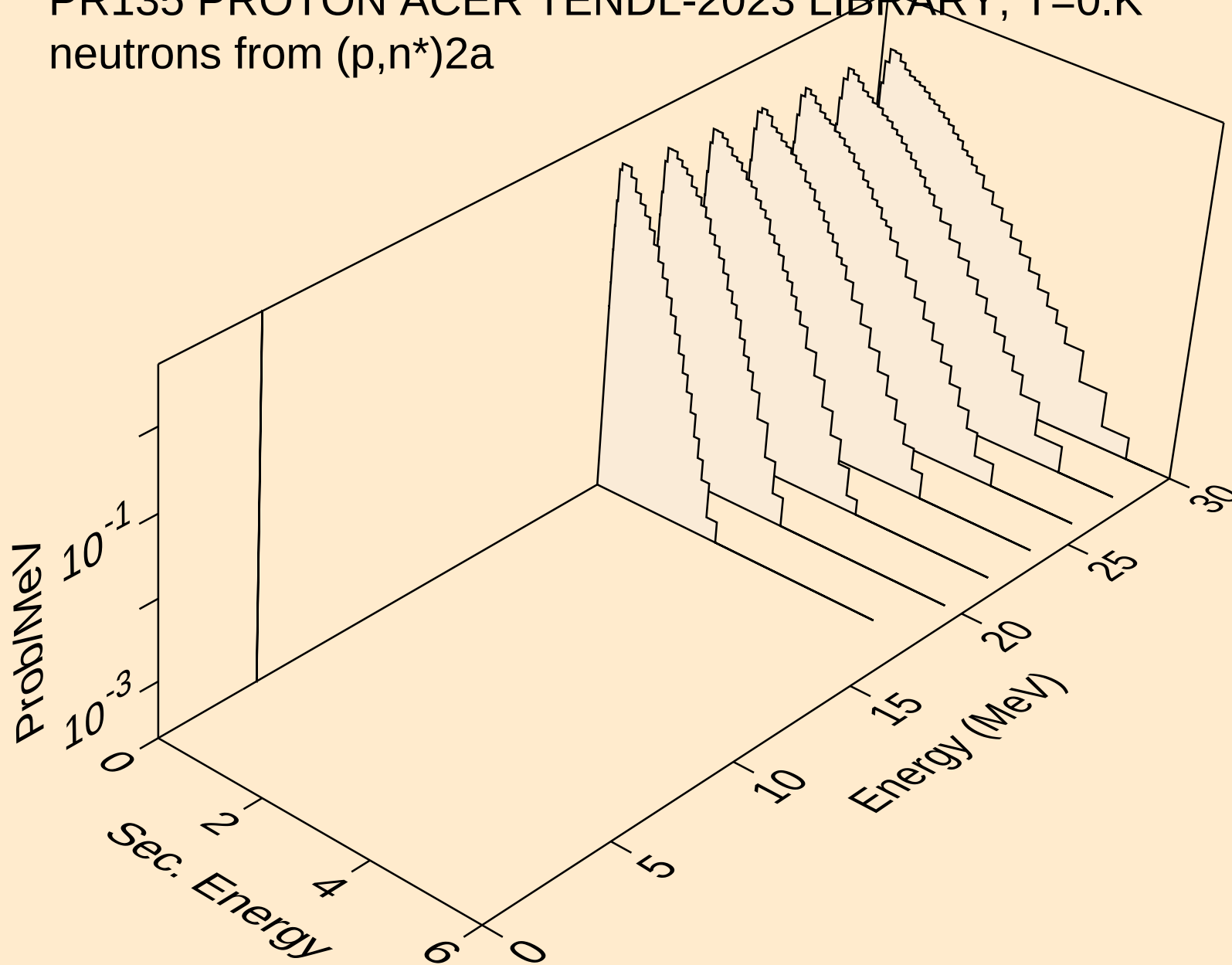
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neutrons from (p,2n)a



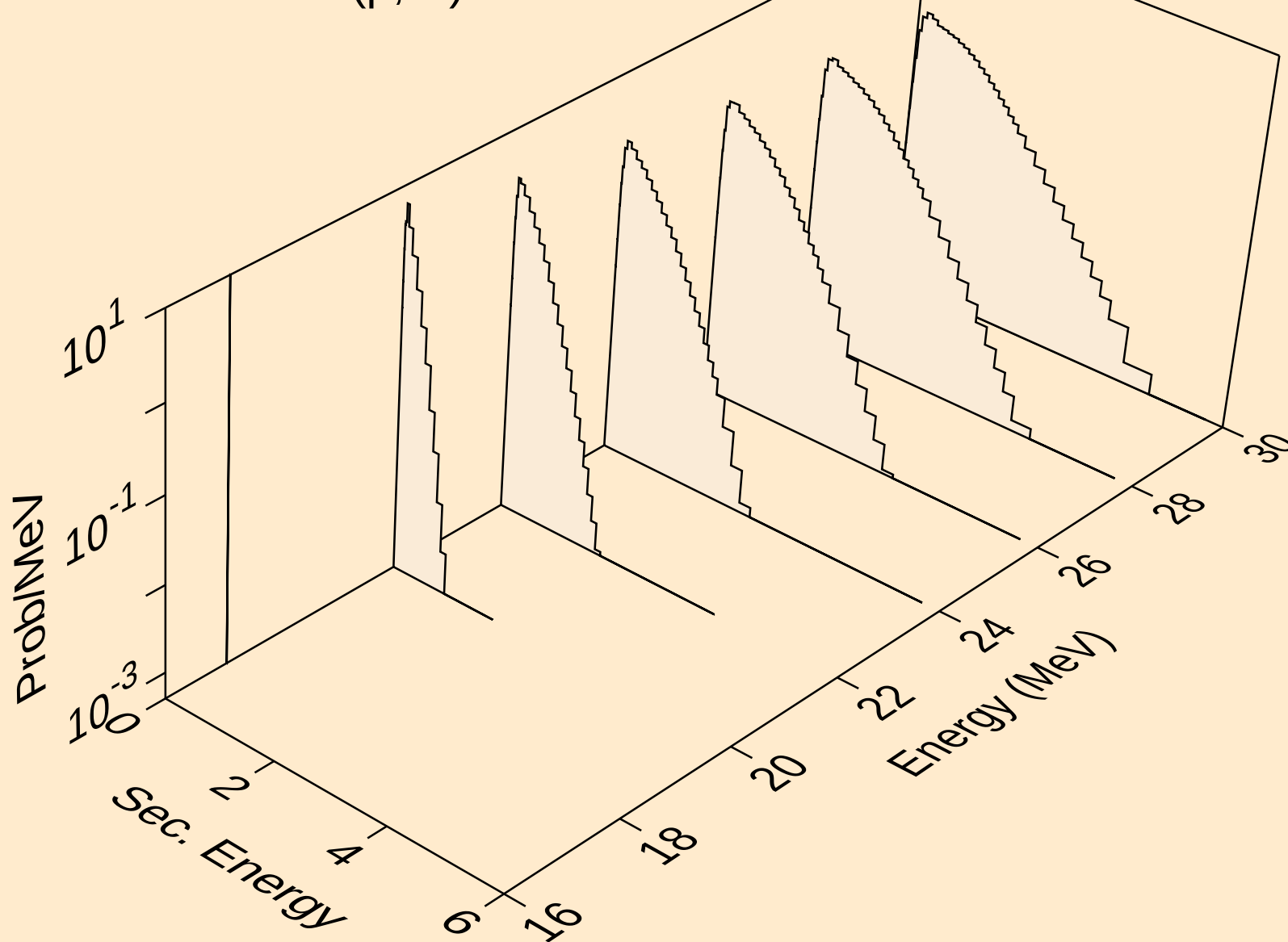
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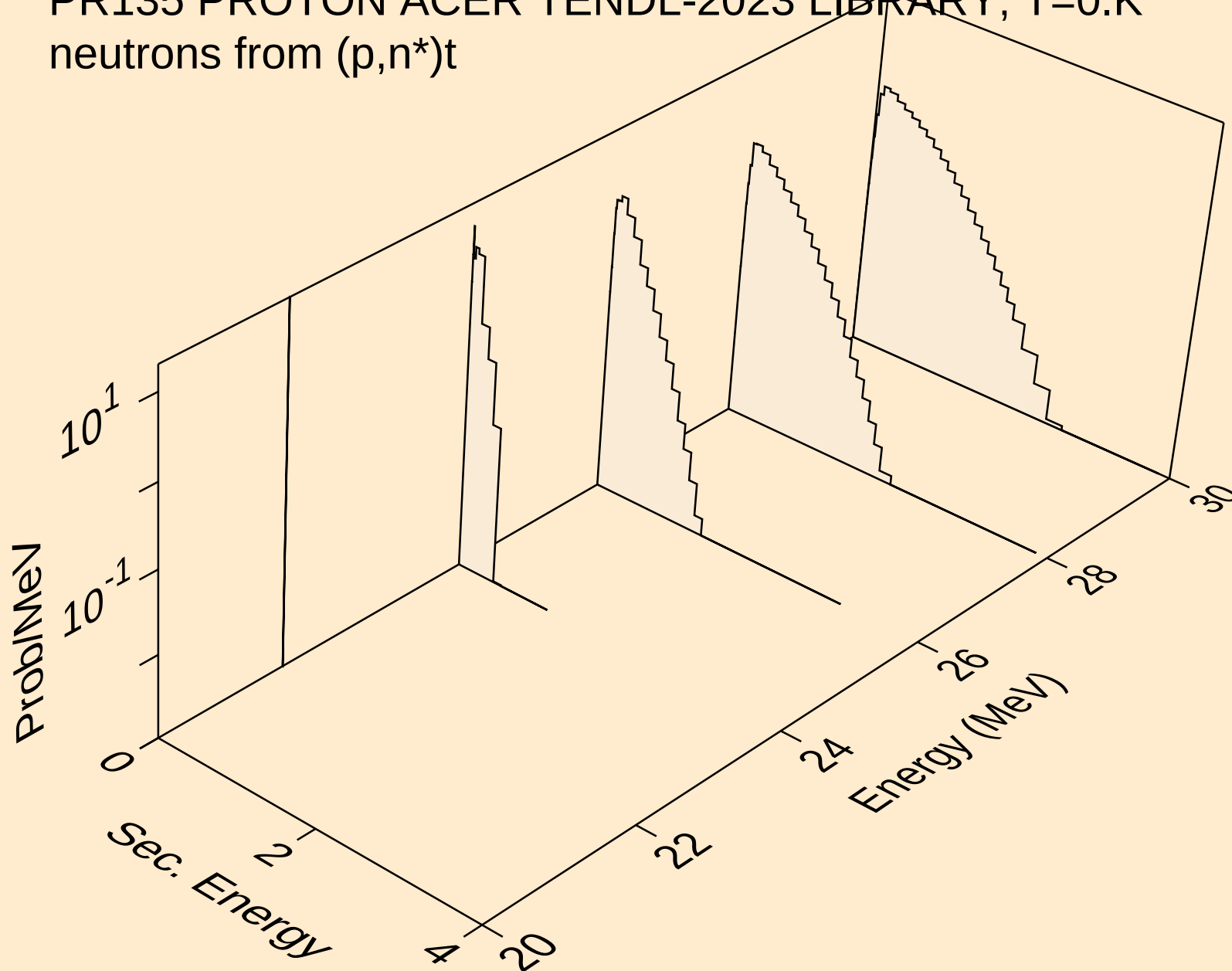
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neutrons from (p,n\*)2a



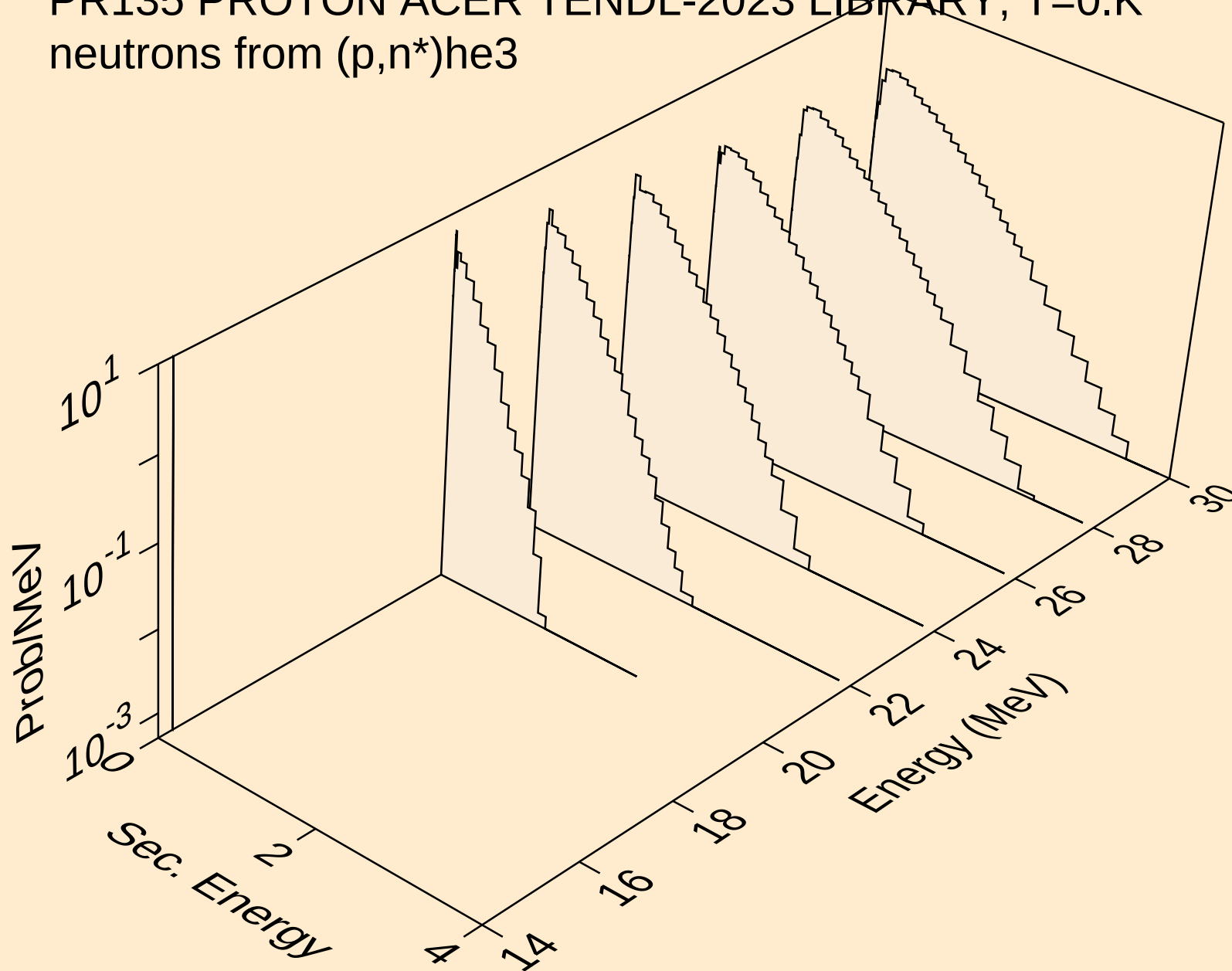
PR135 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)d



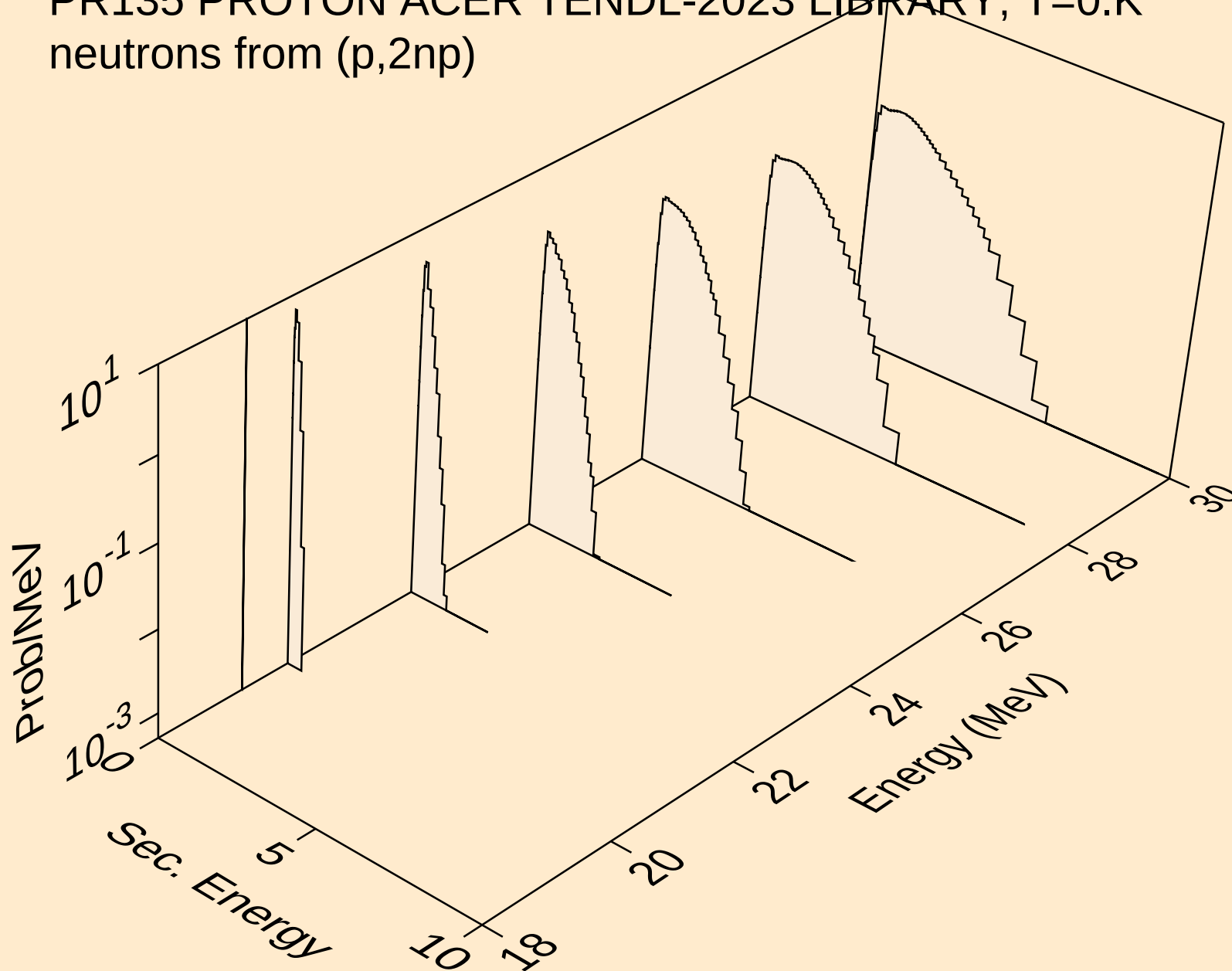
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neutrons from (p,n\*)t



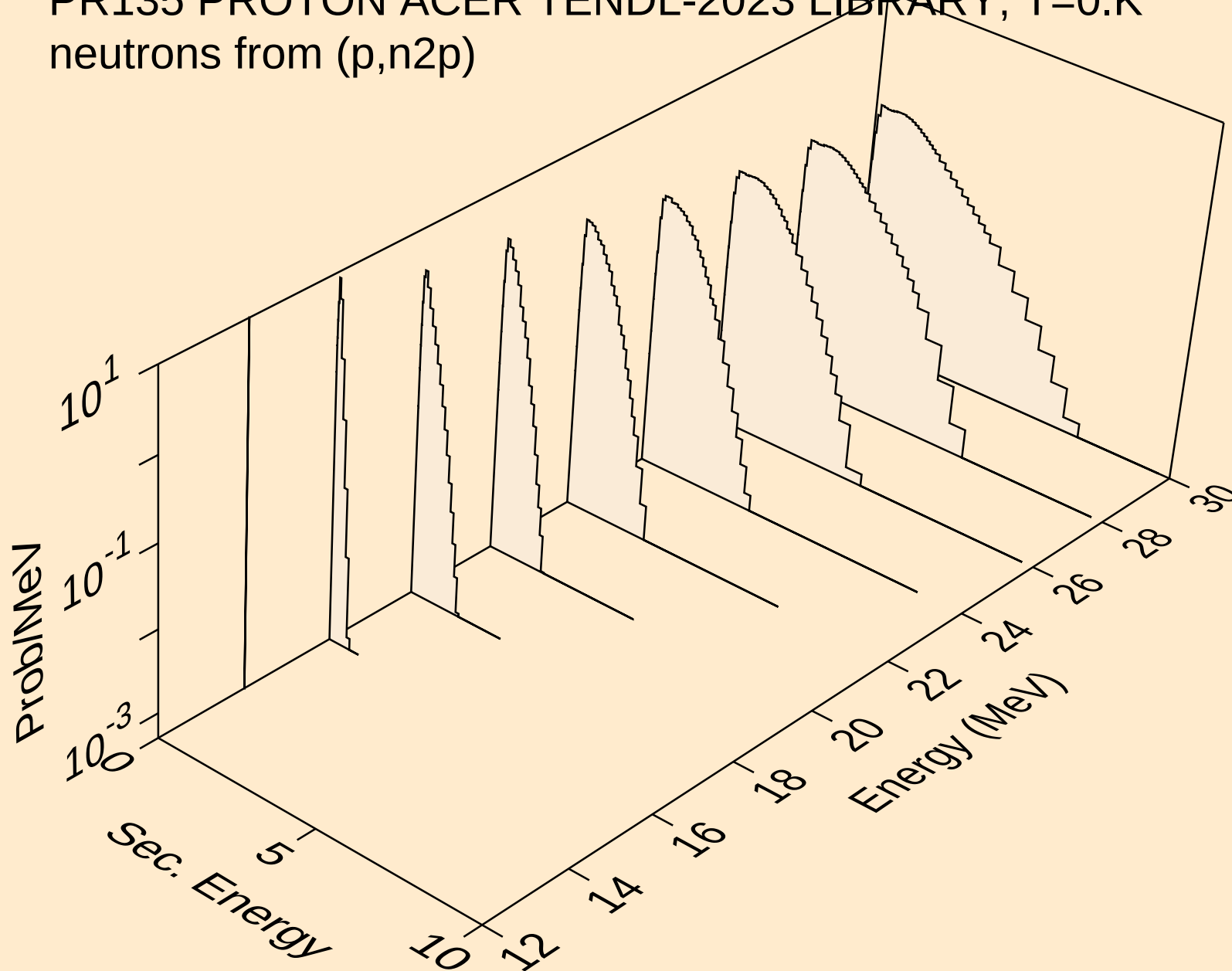
PR135 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



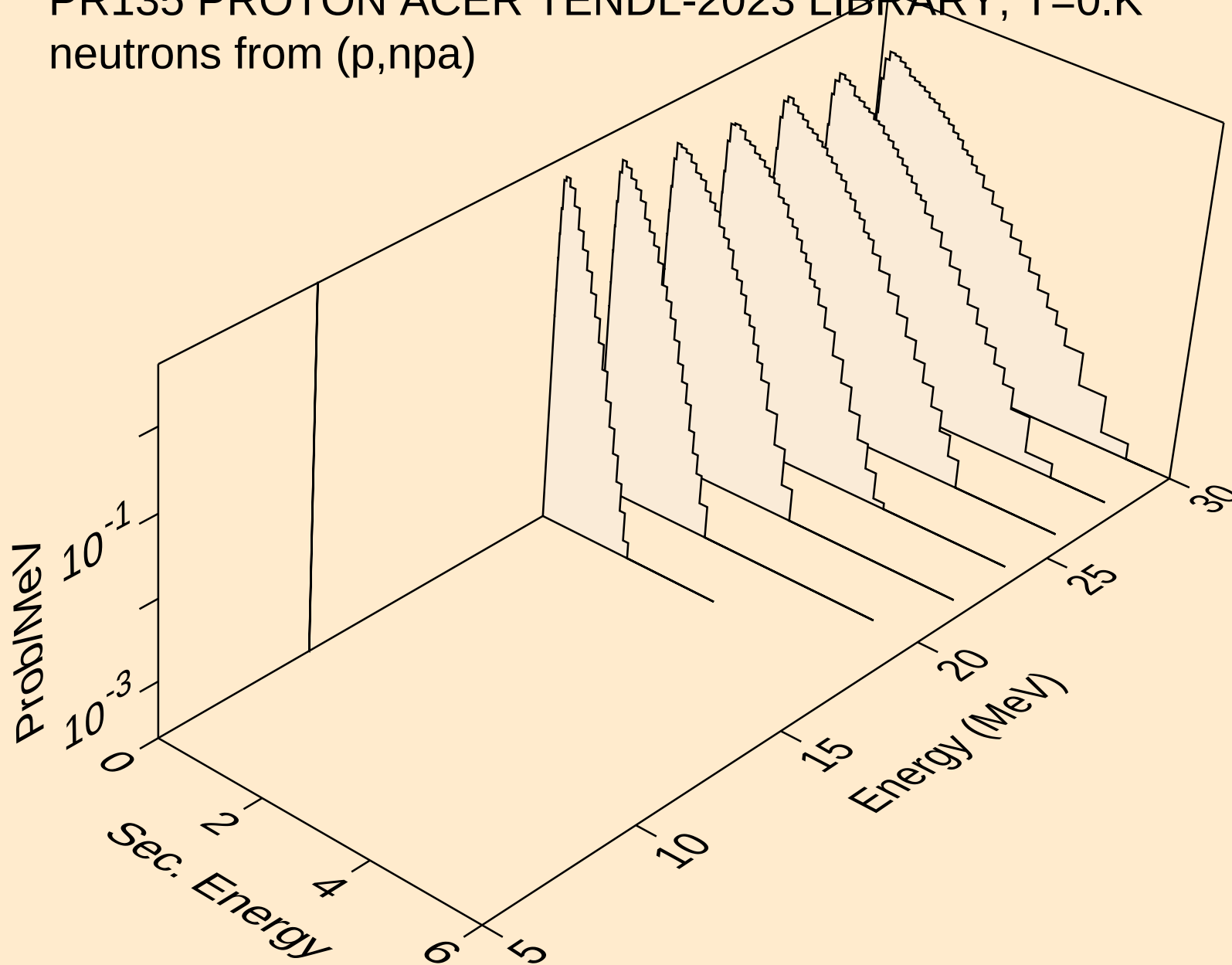
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neutrons from (p,2np)



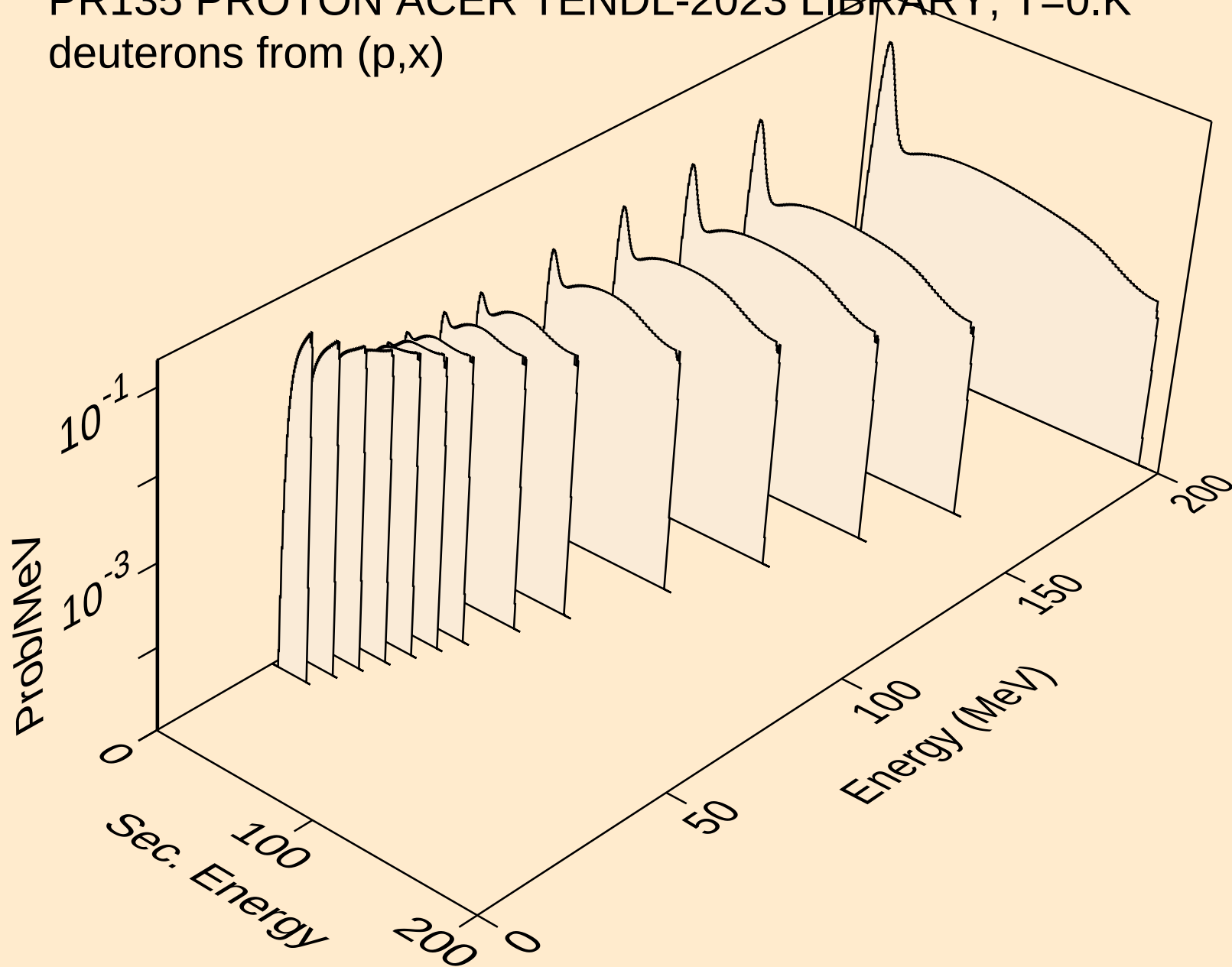
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neutrons from (p,n2p)



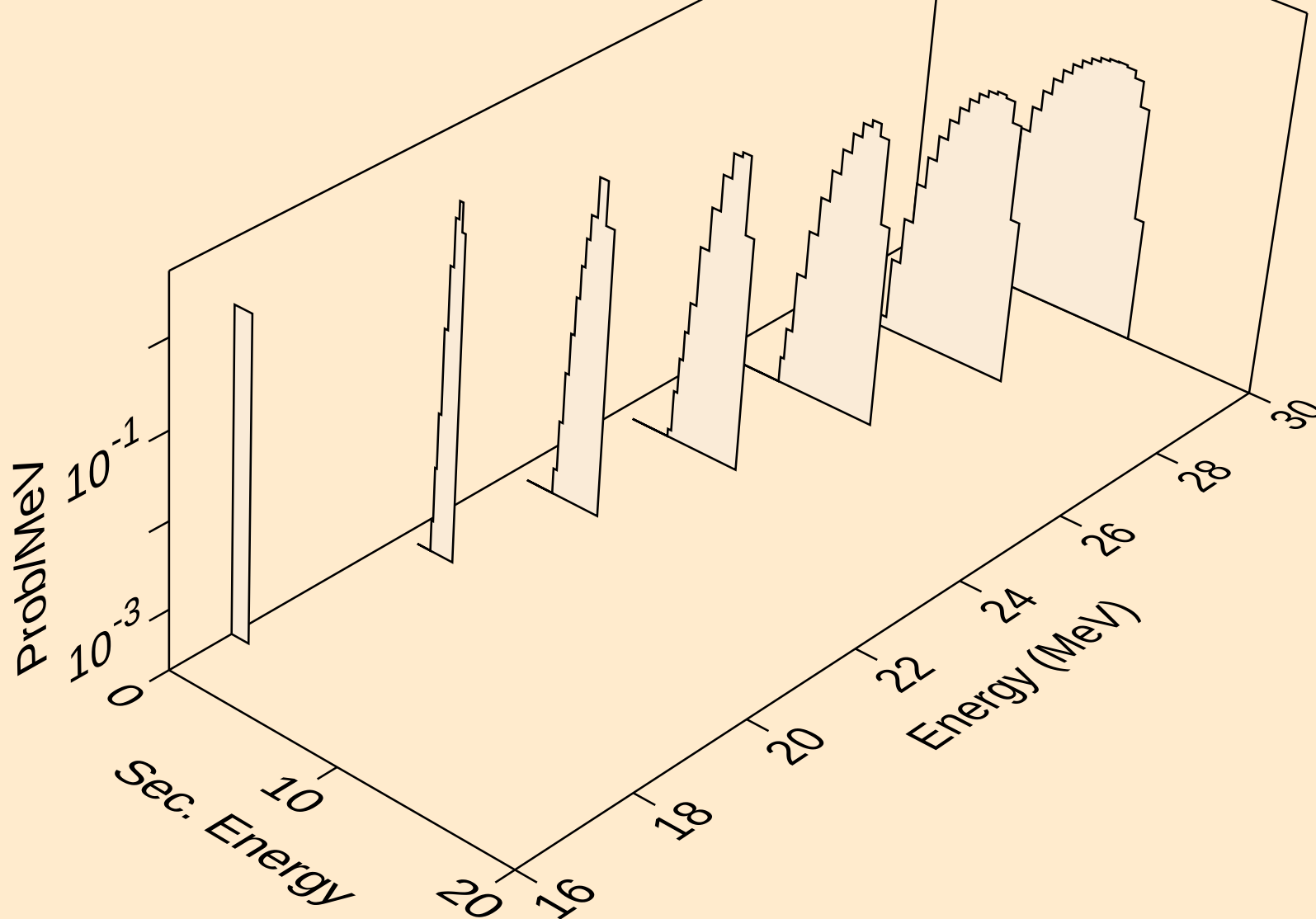
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neutrons from (p,npa)



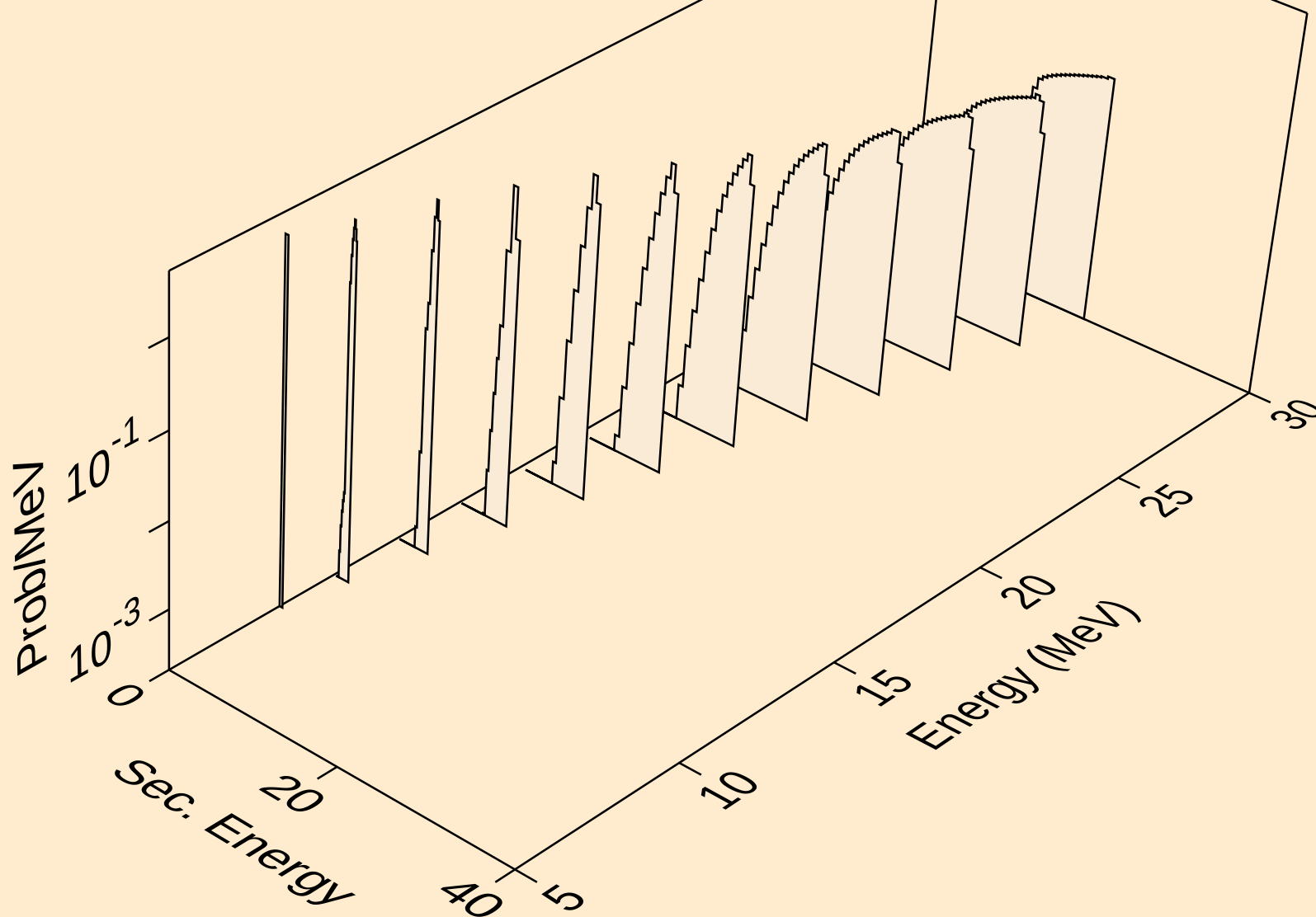
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deuterons from (p,x)



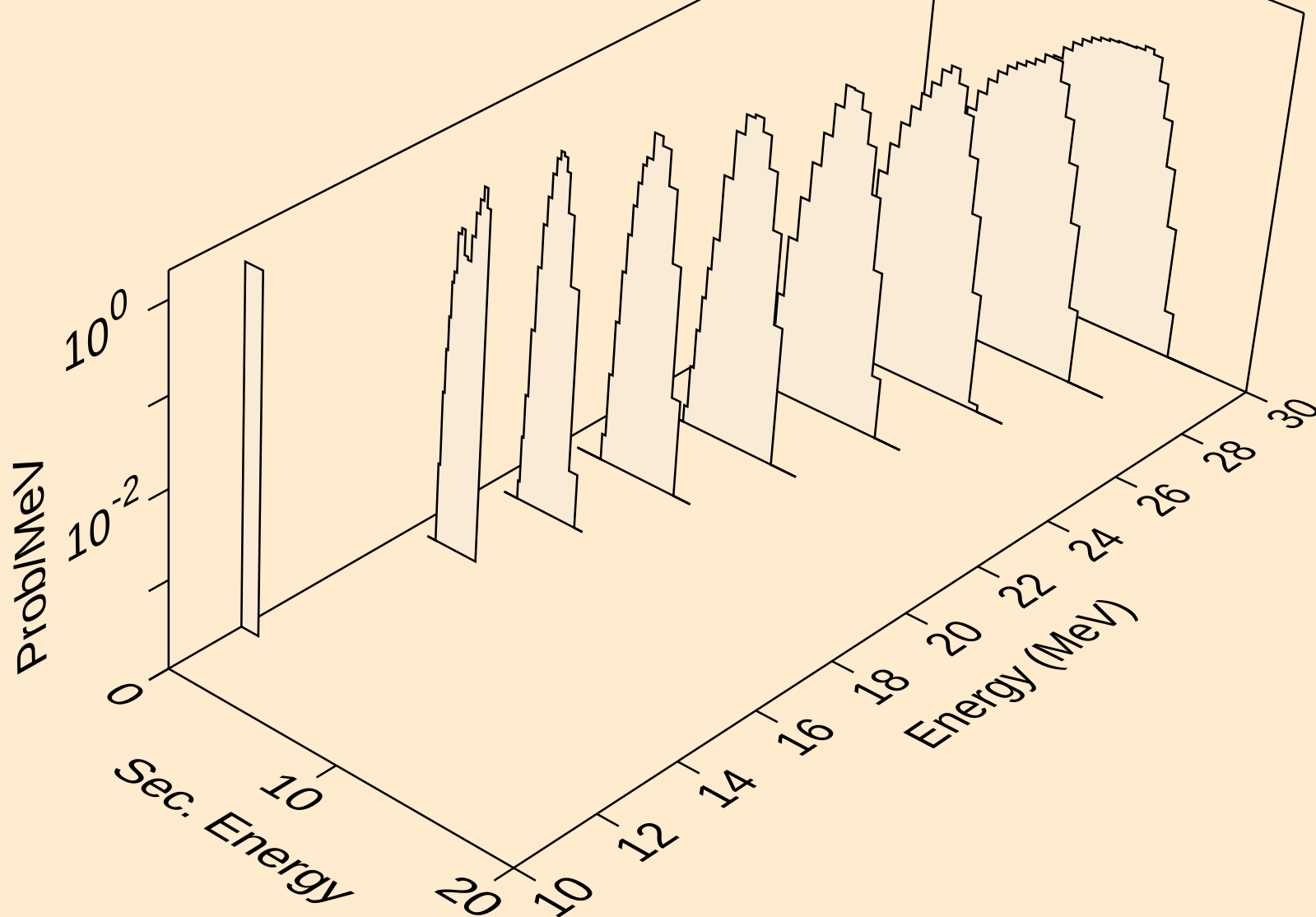
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deuterons from (p,n\*)d



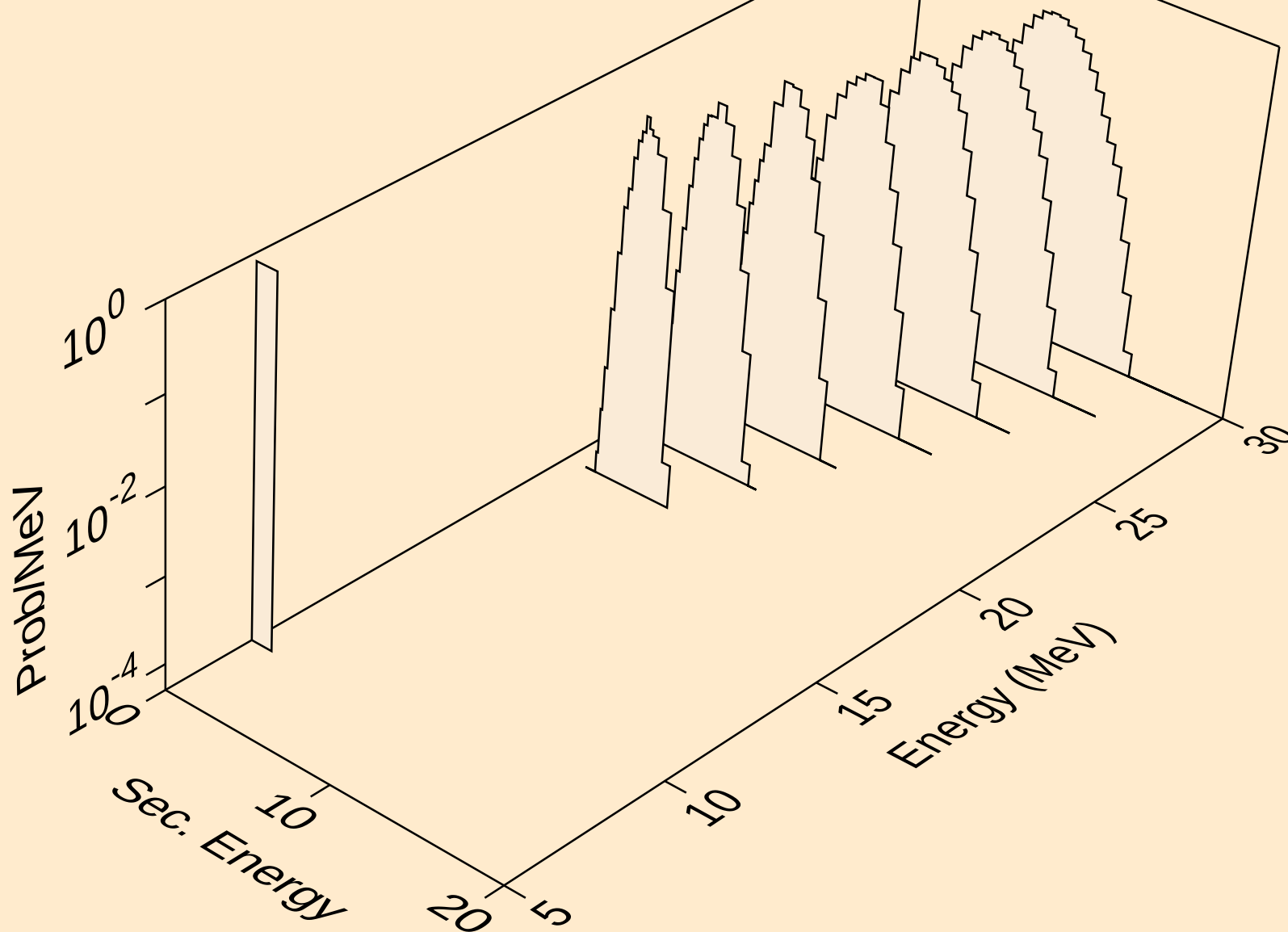
PR135 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (p,d)



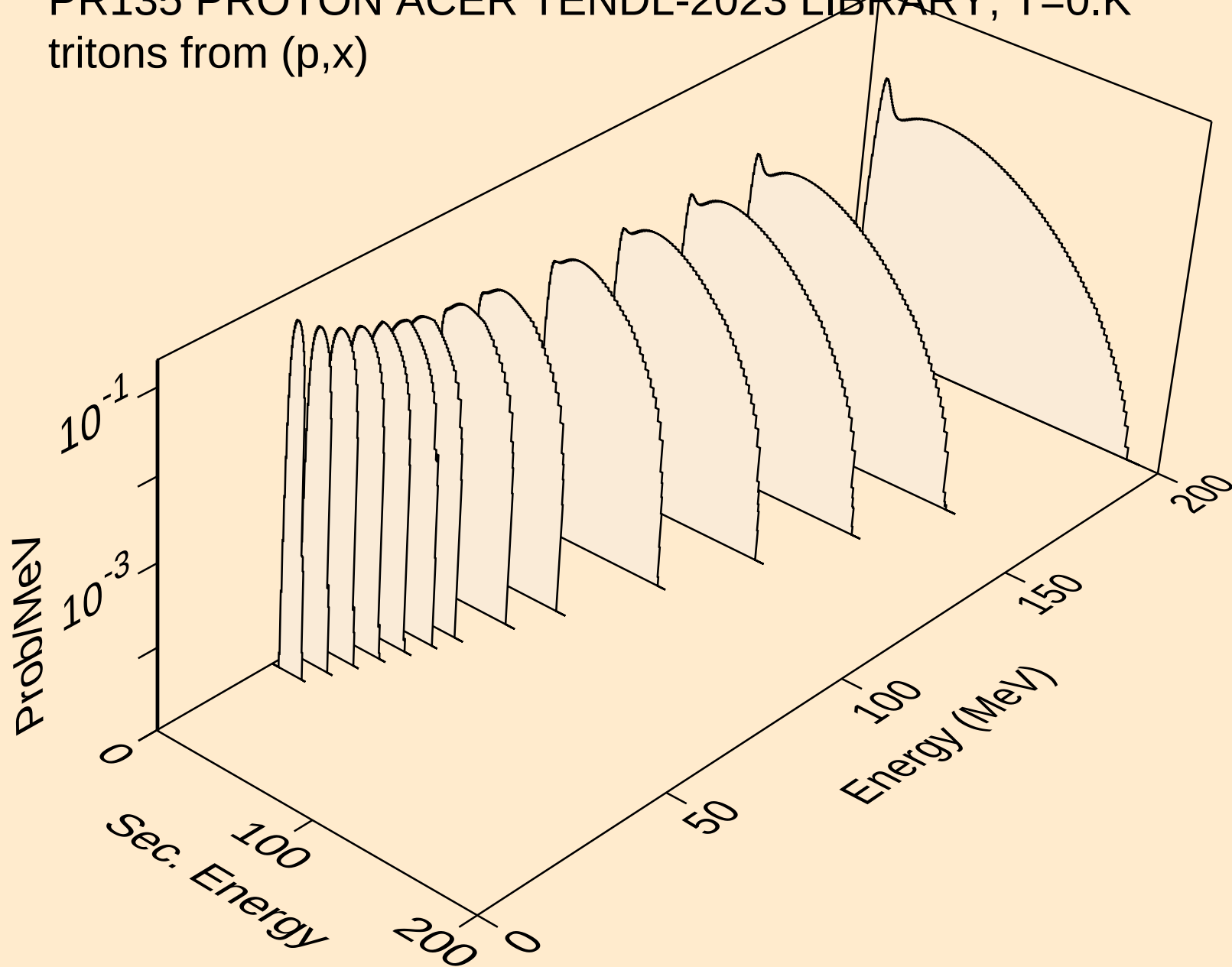
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deuterons from (p,pd)



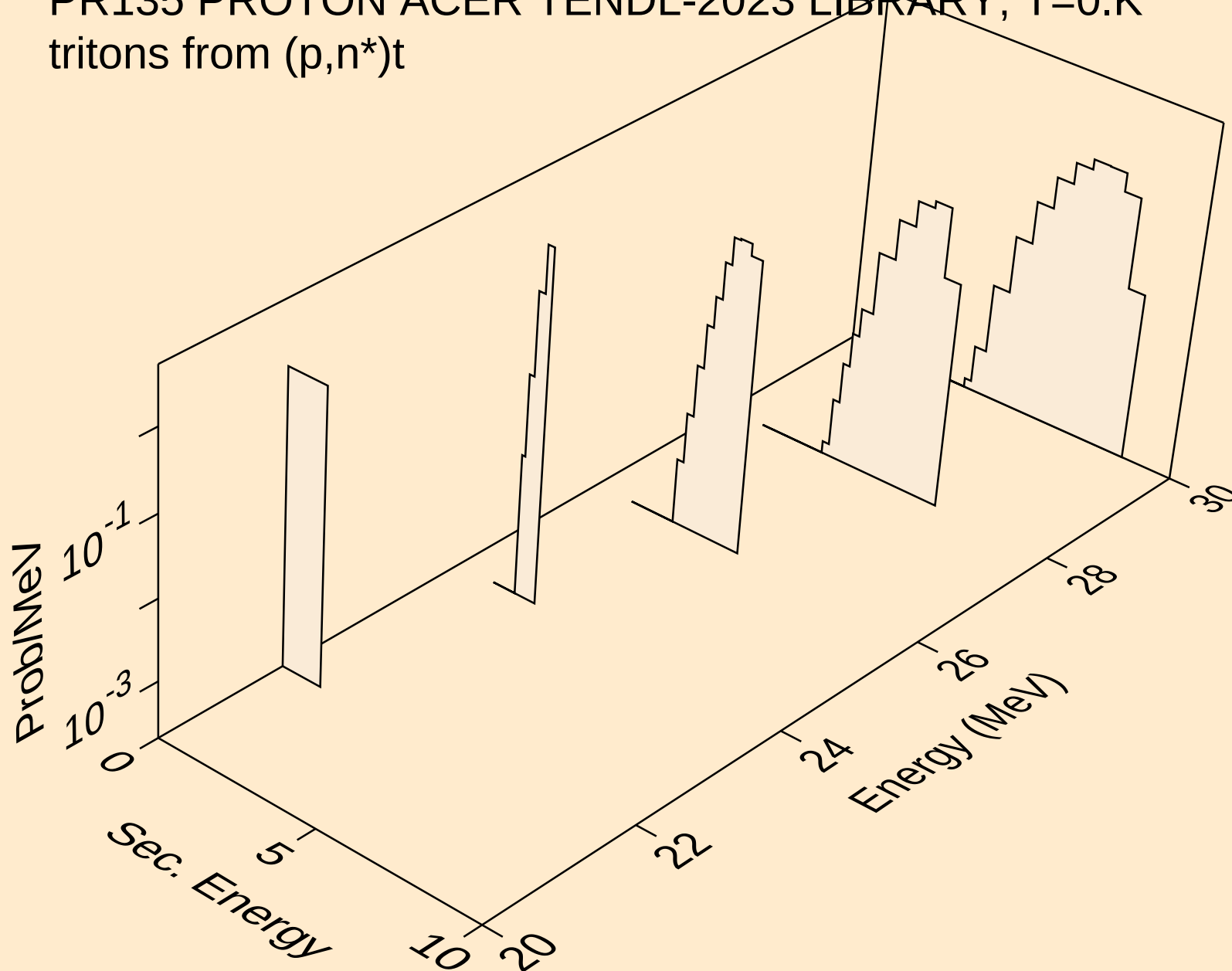
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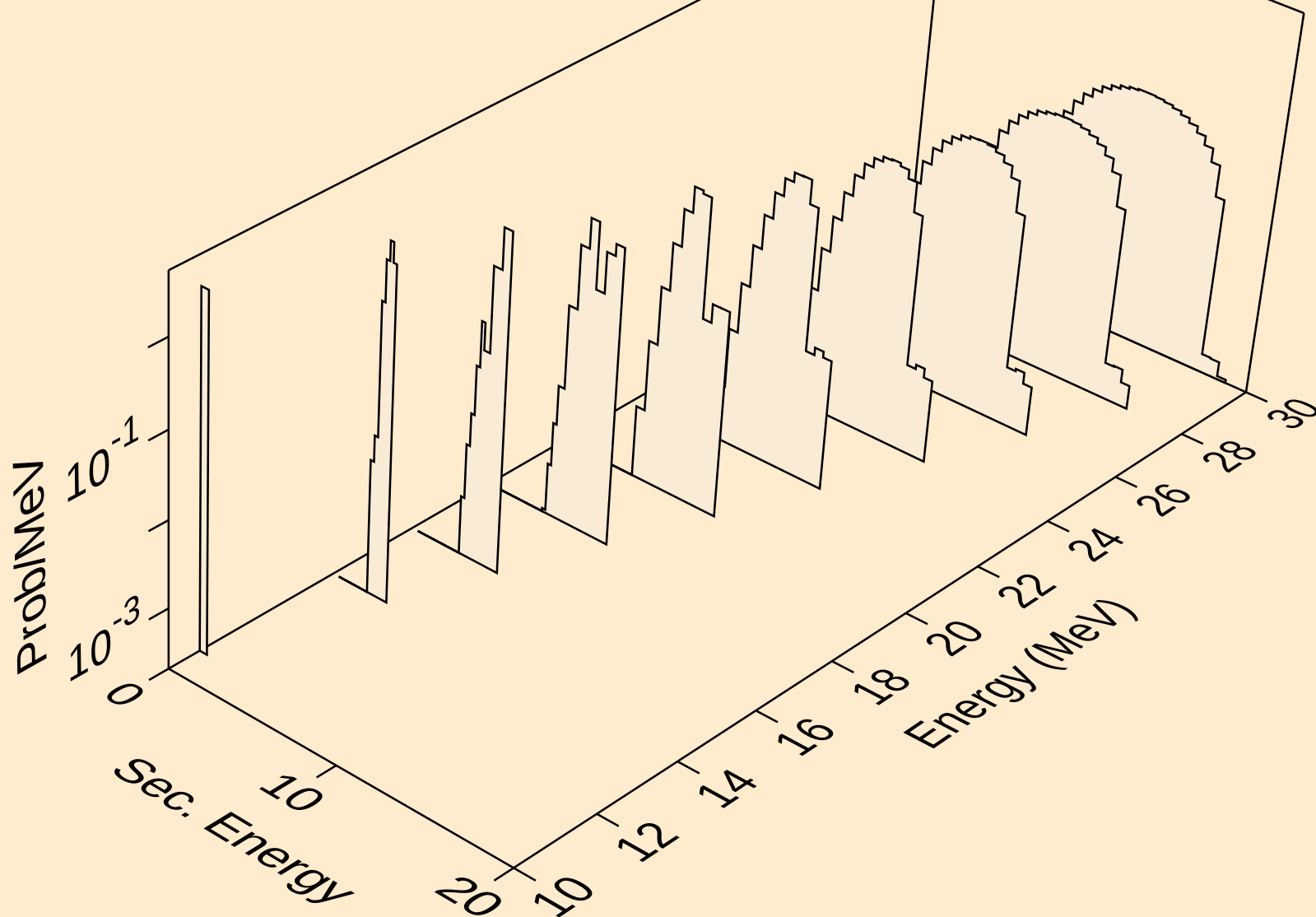
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tritons from (p,x)



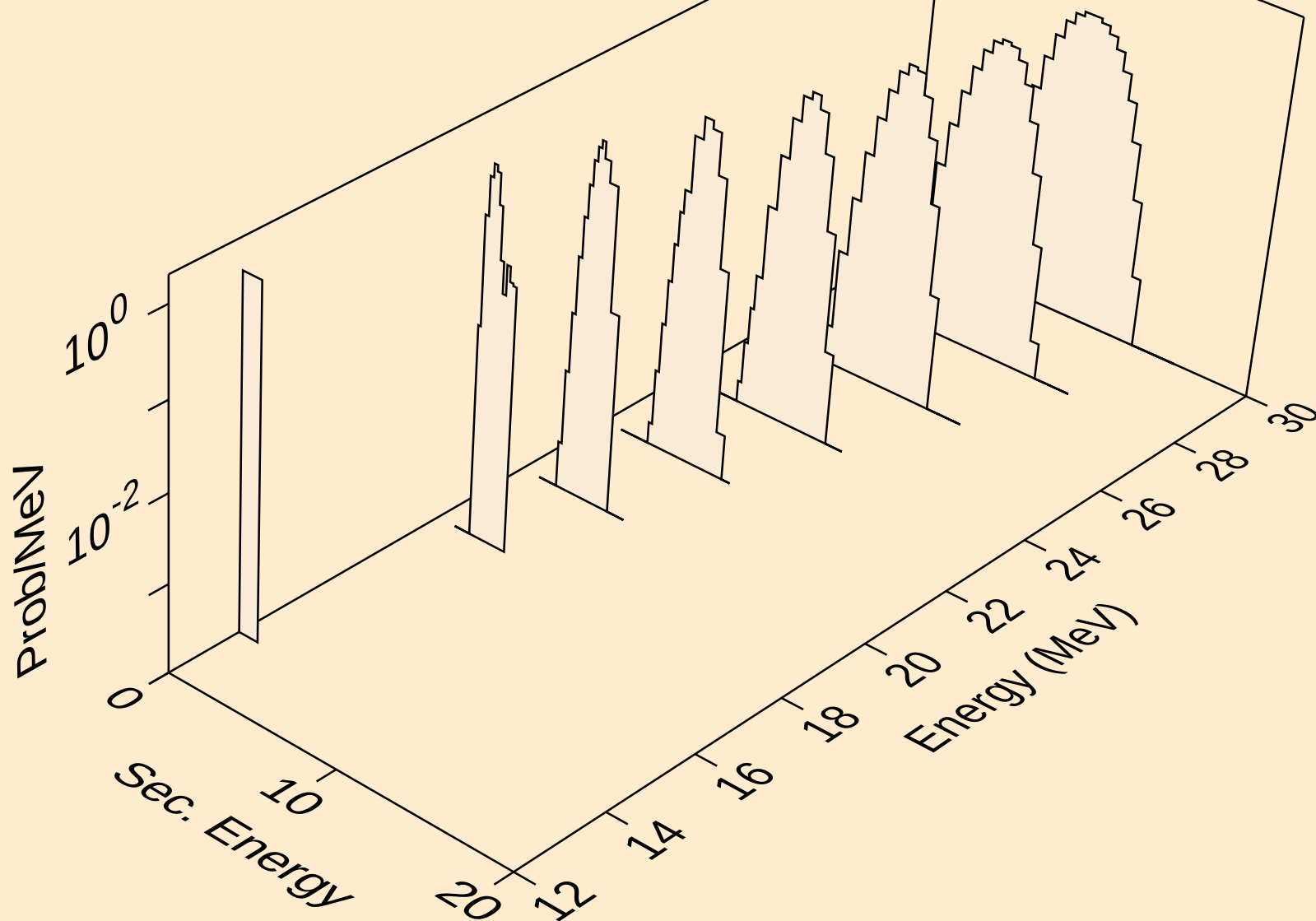
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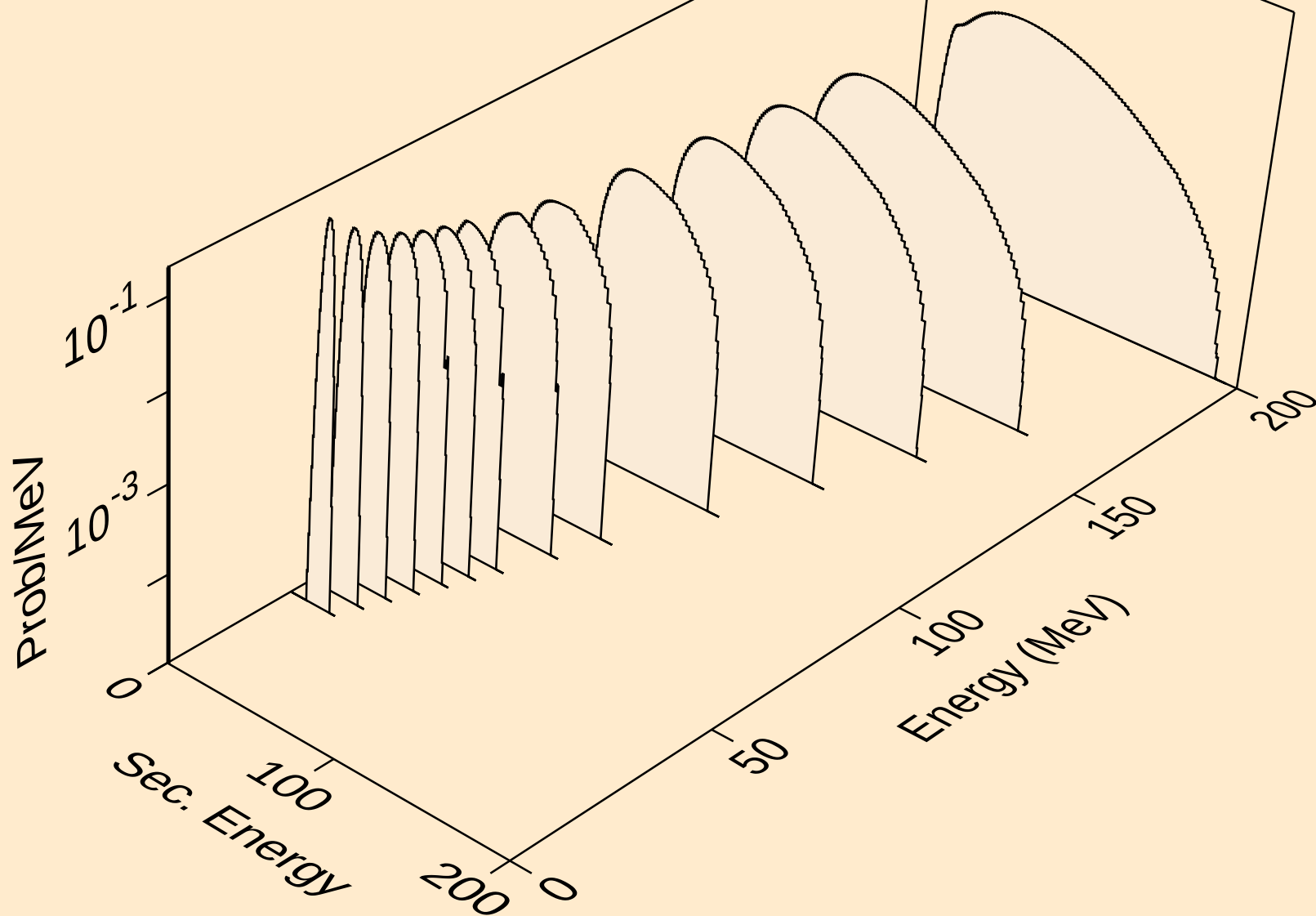
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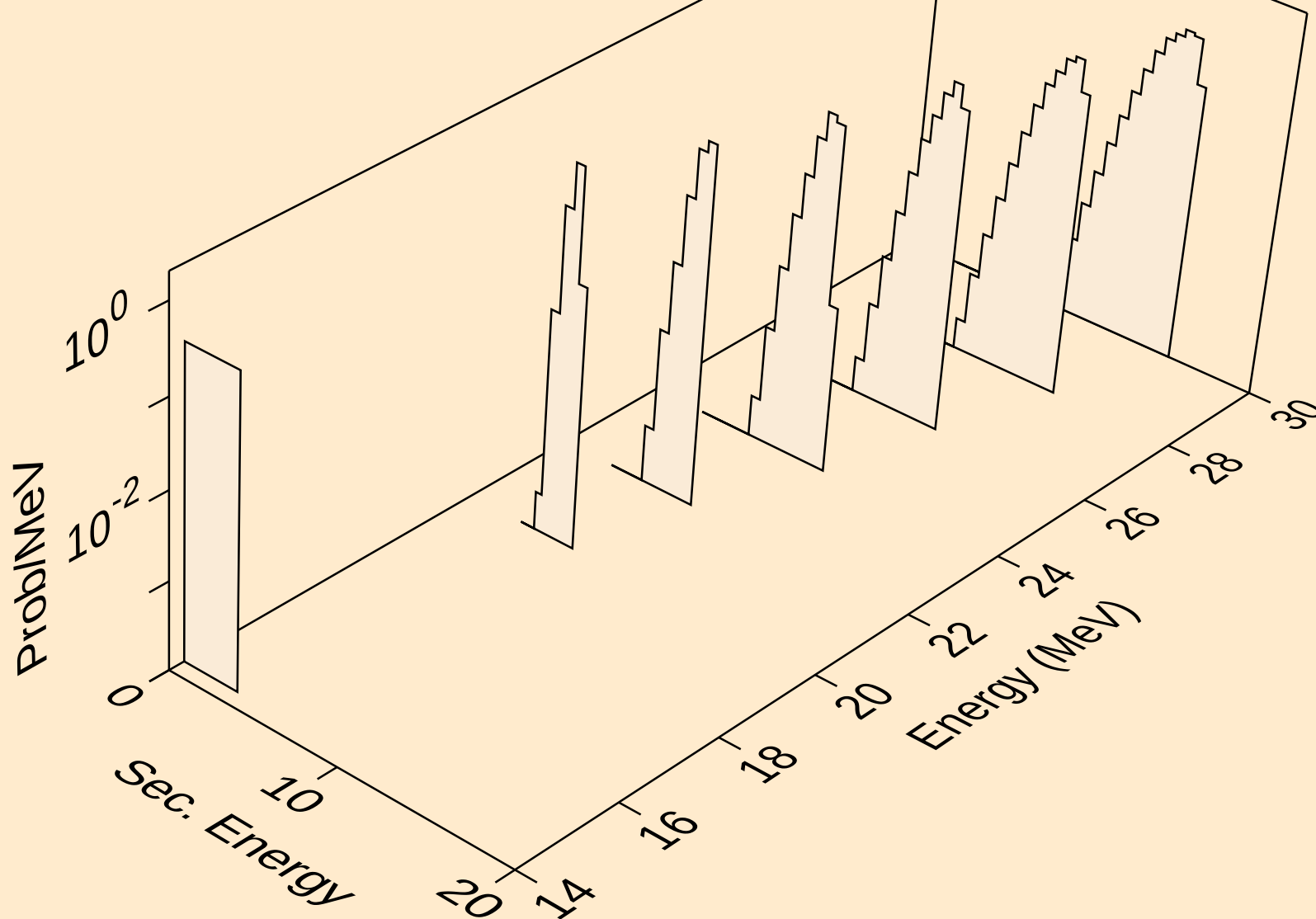
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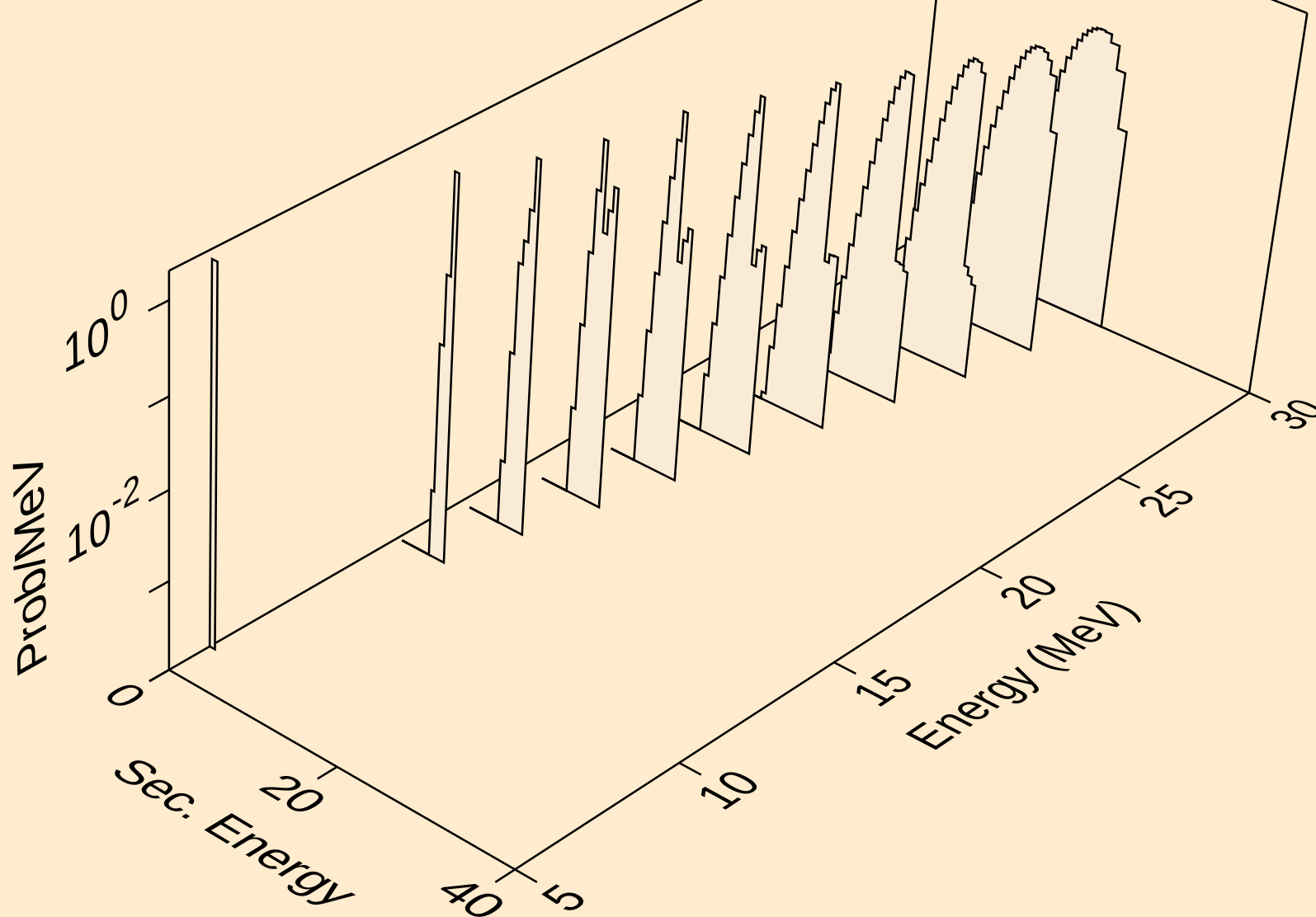
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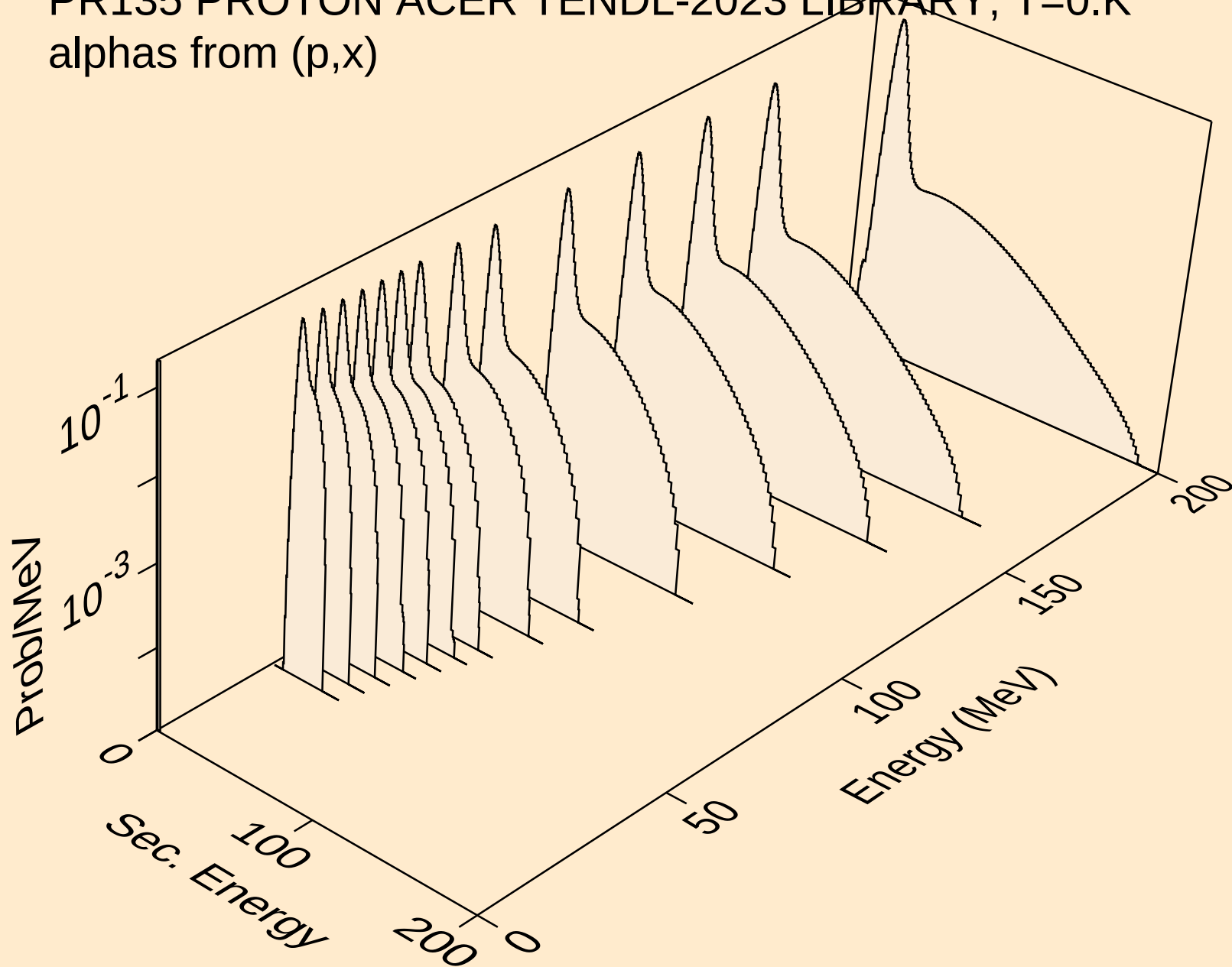
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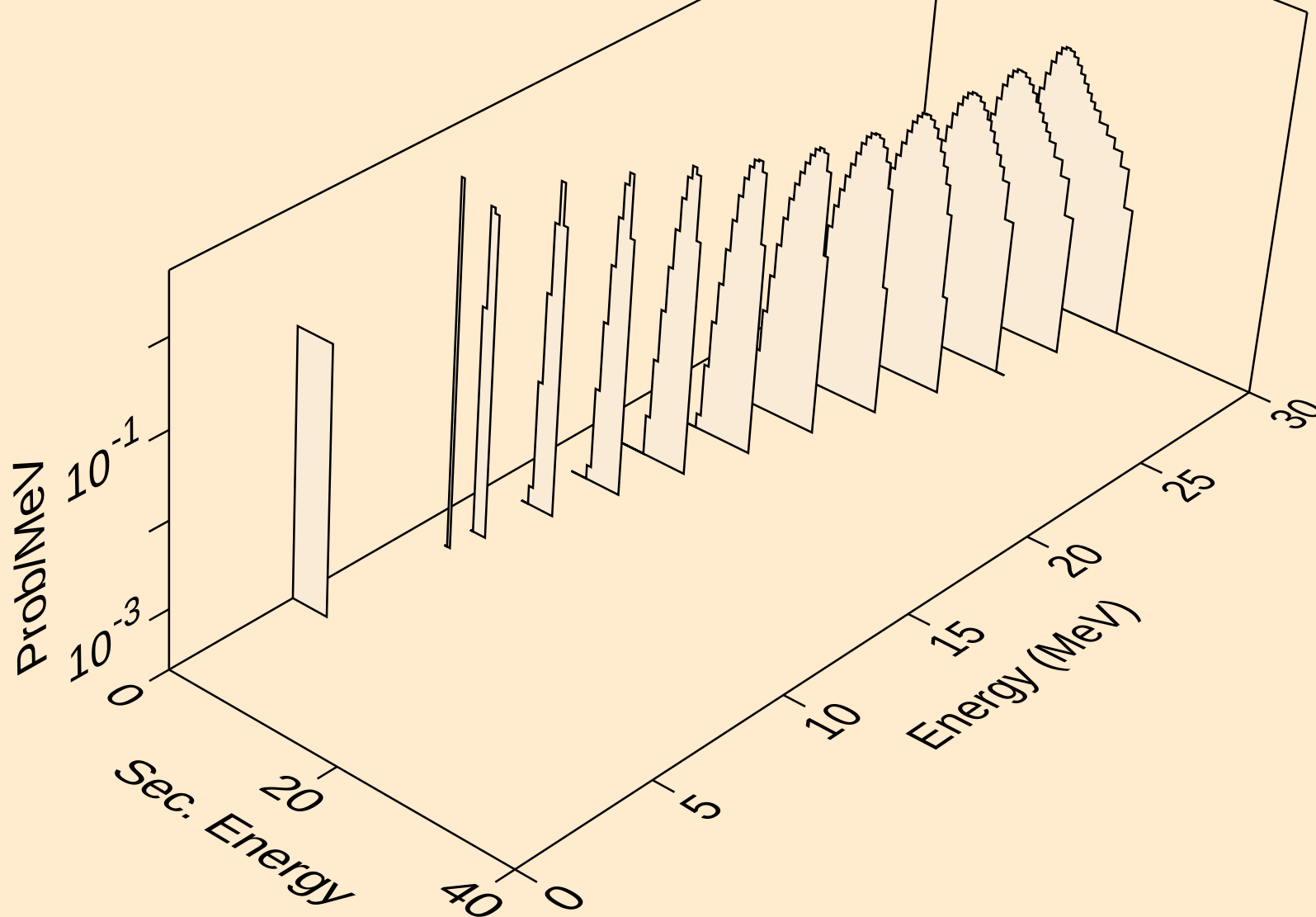
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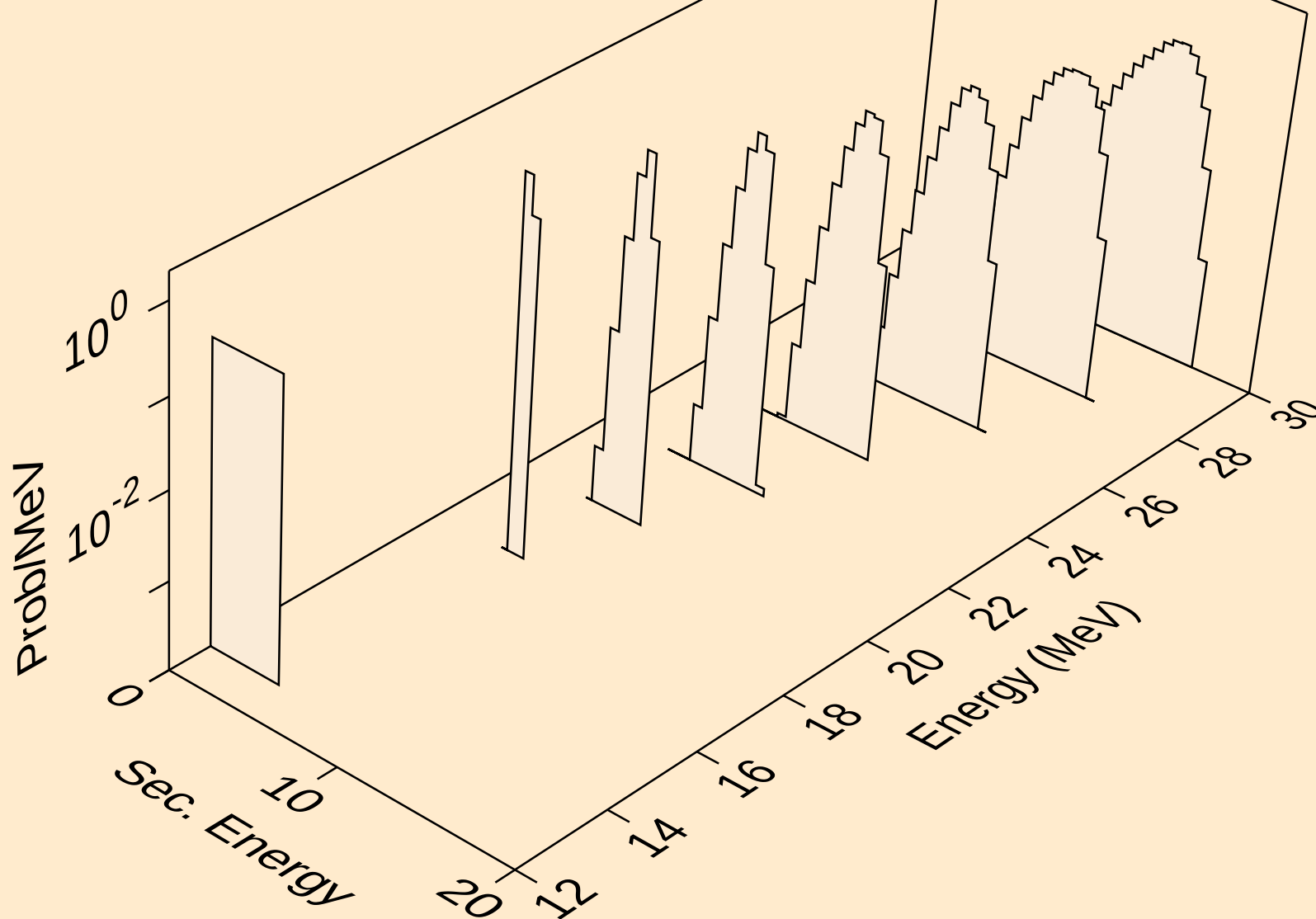
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alphas from (p,x)



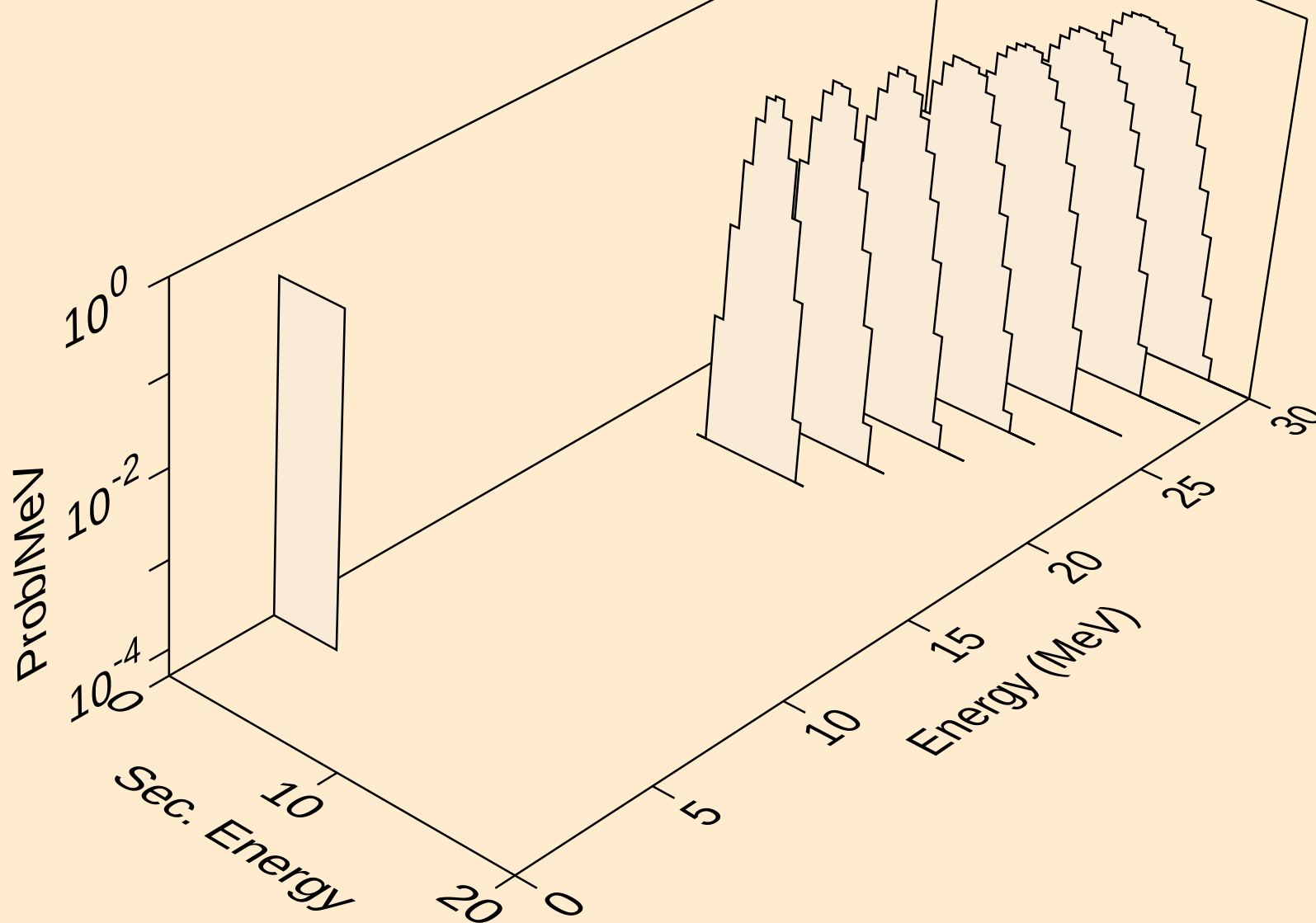
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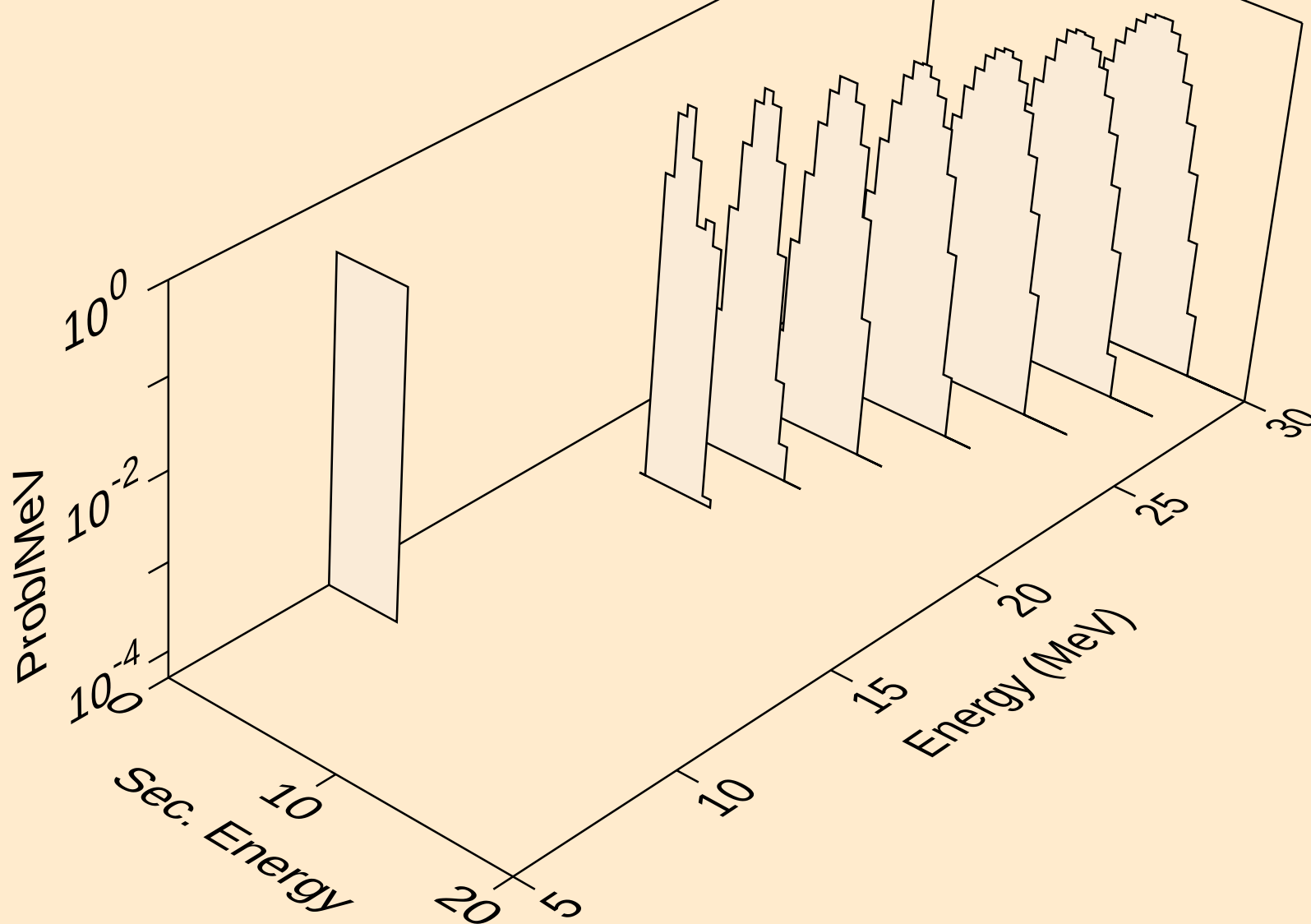
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alphas from (p,2n)a



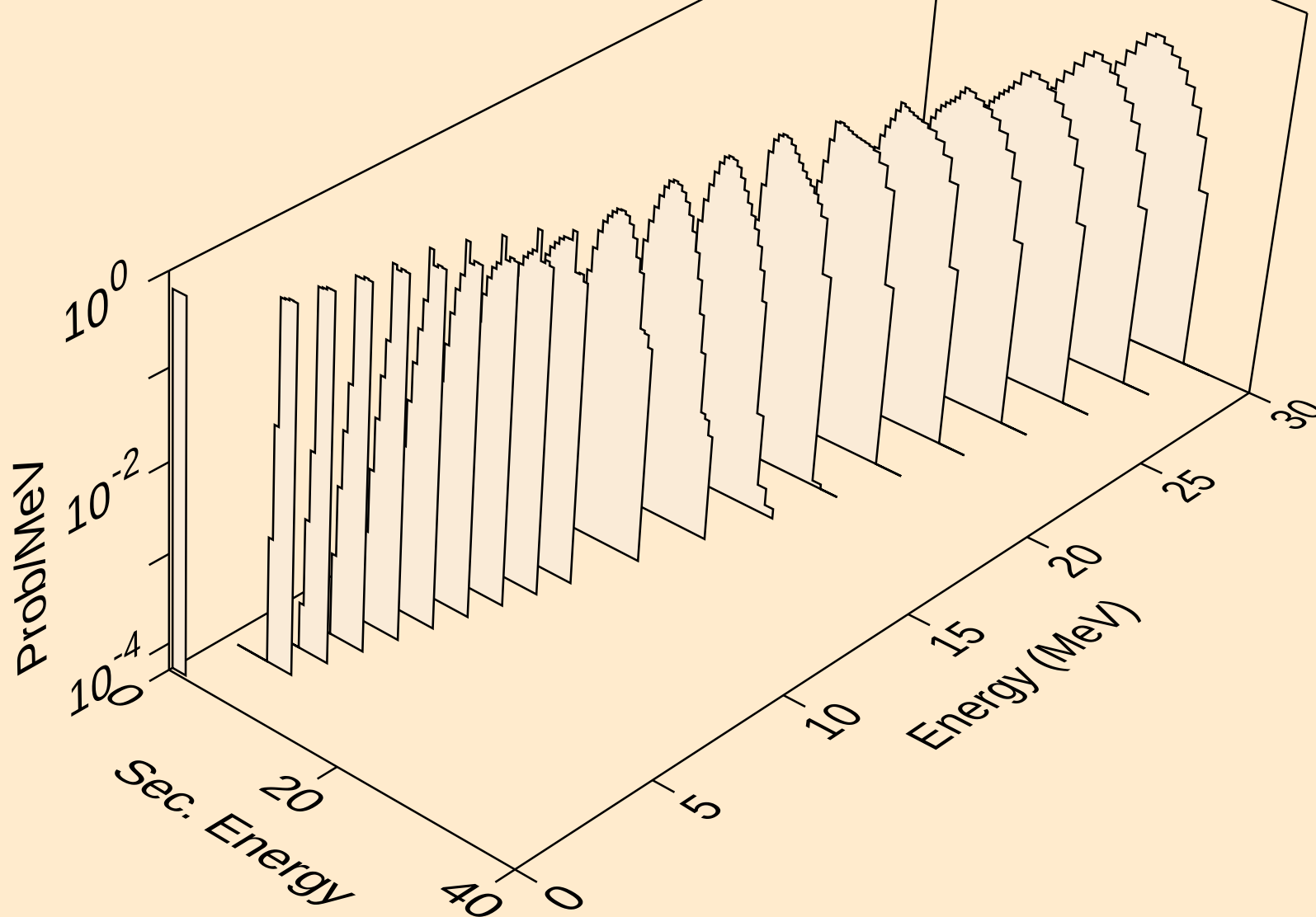
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alphas from (p,n\*)2a



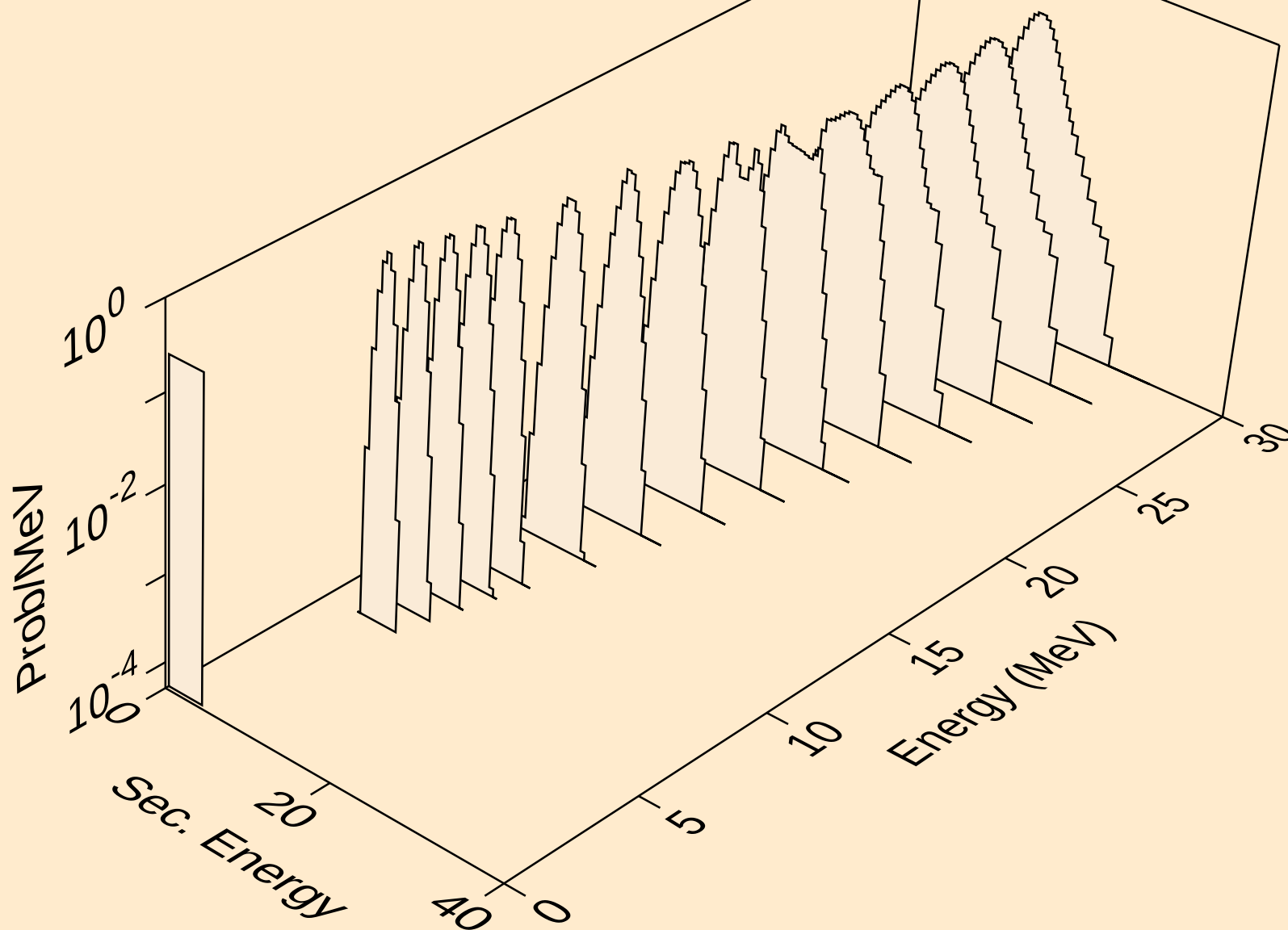
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alphas from (p,npa)



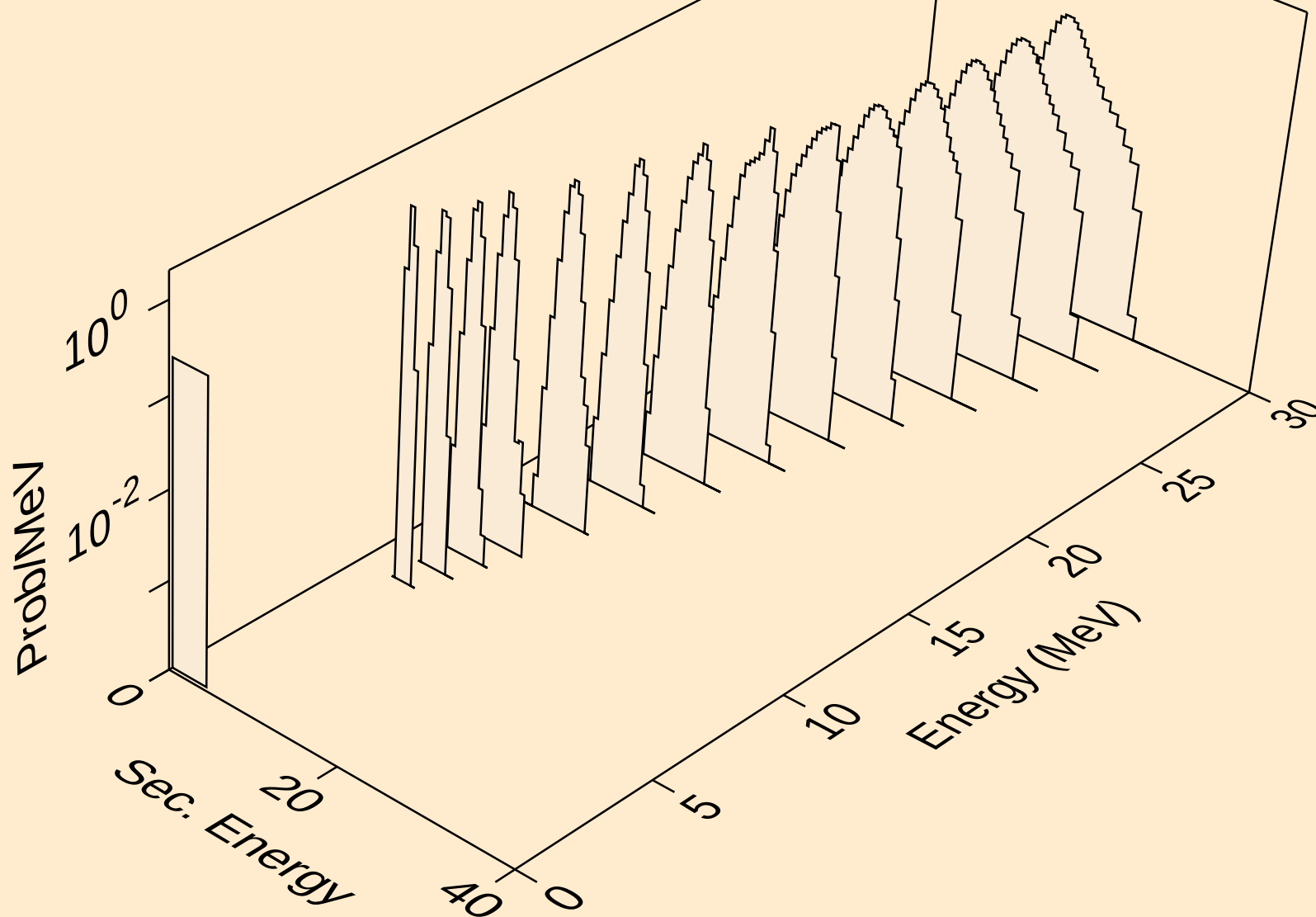
PR135 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,a)



PR135 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,2a)



PR135 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,pa)



PR135 PROTON ACER TENDL-2023 LIBRARY; T=0.K  
alphas from (p,da)

