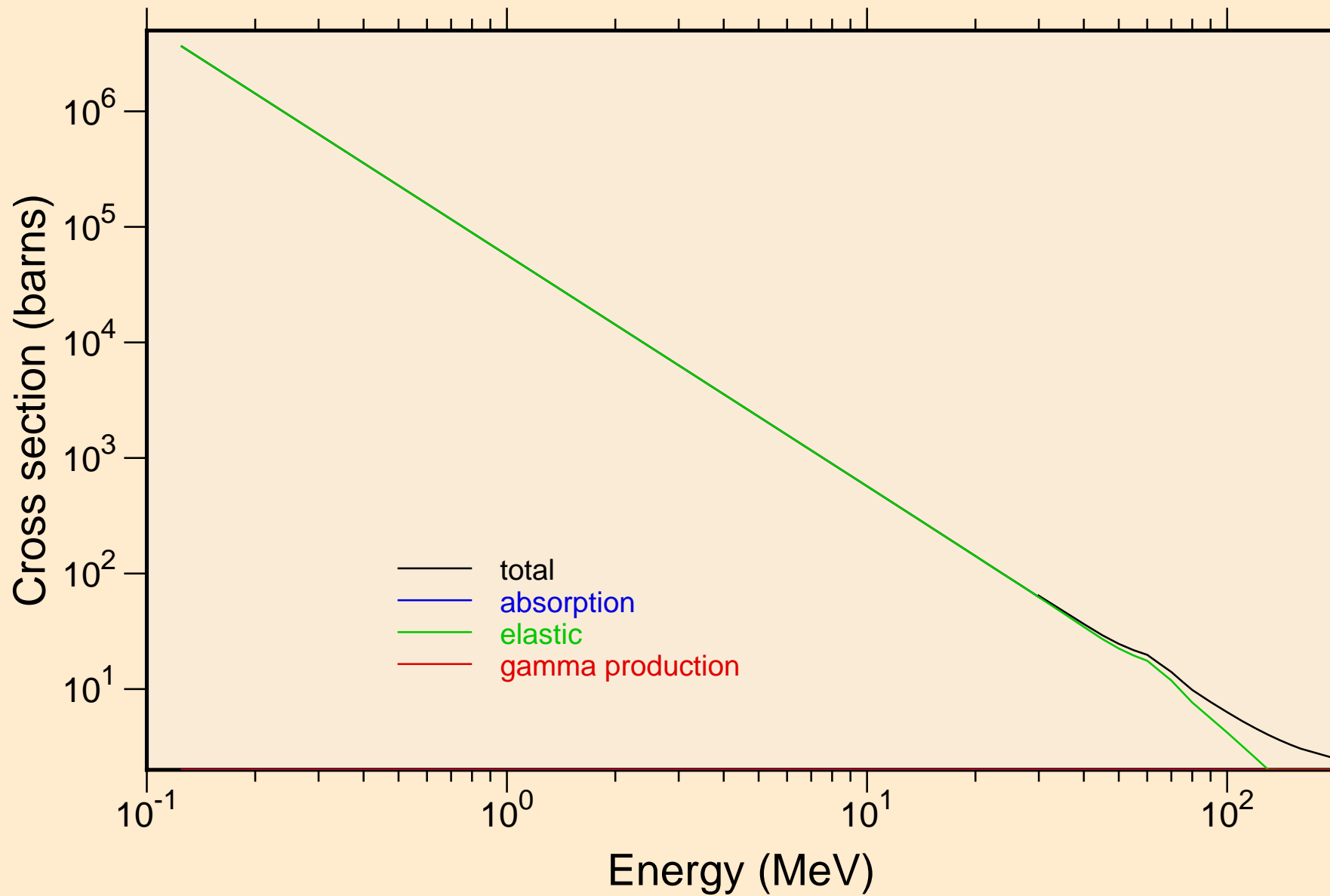


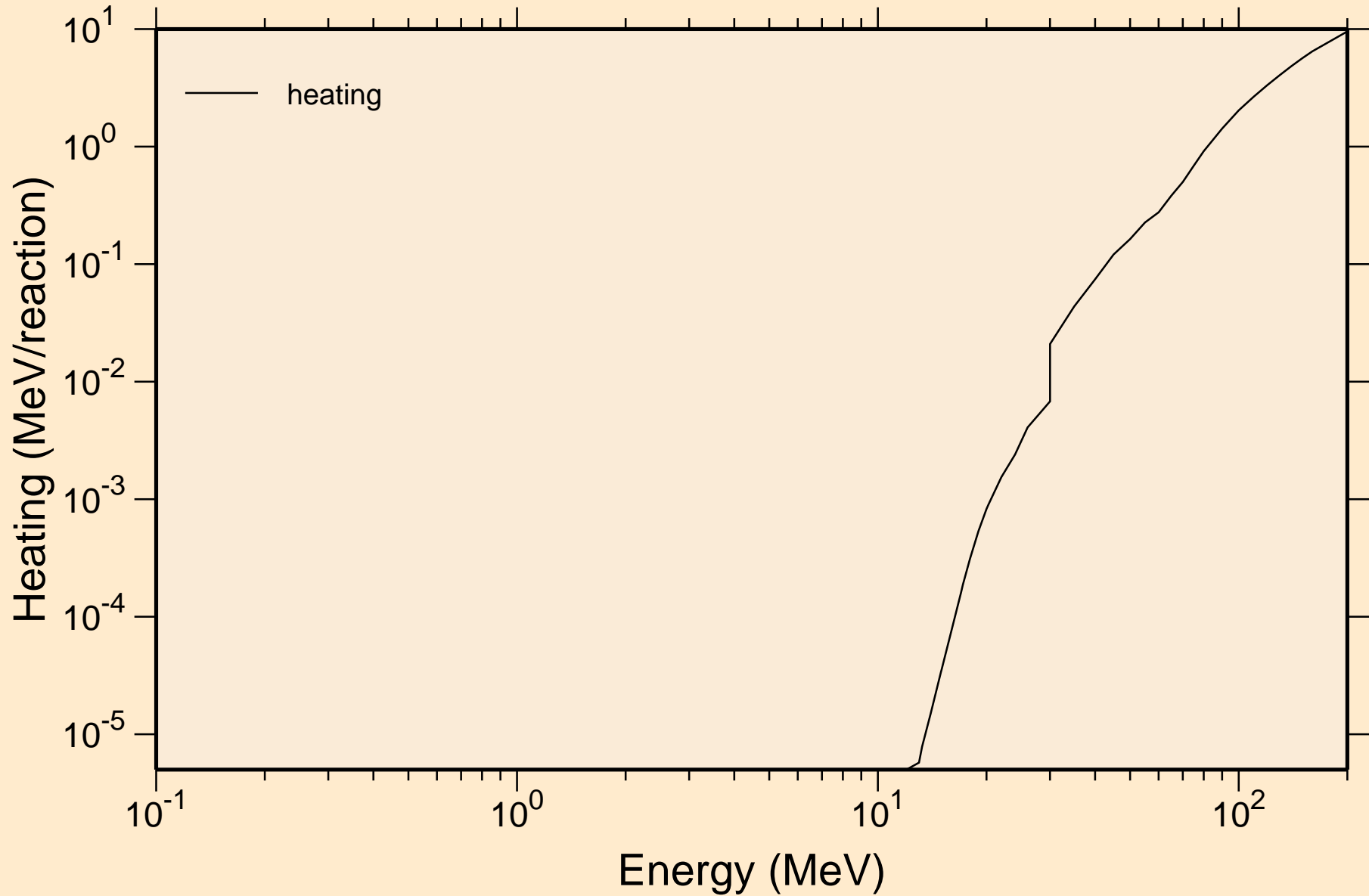
# CM247 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



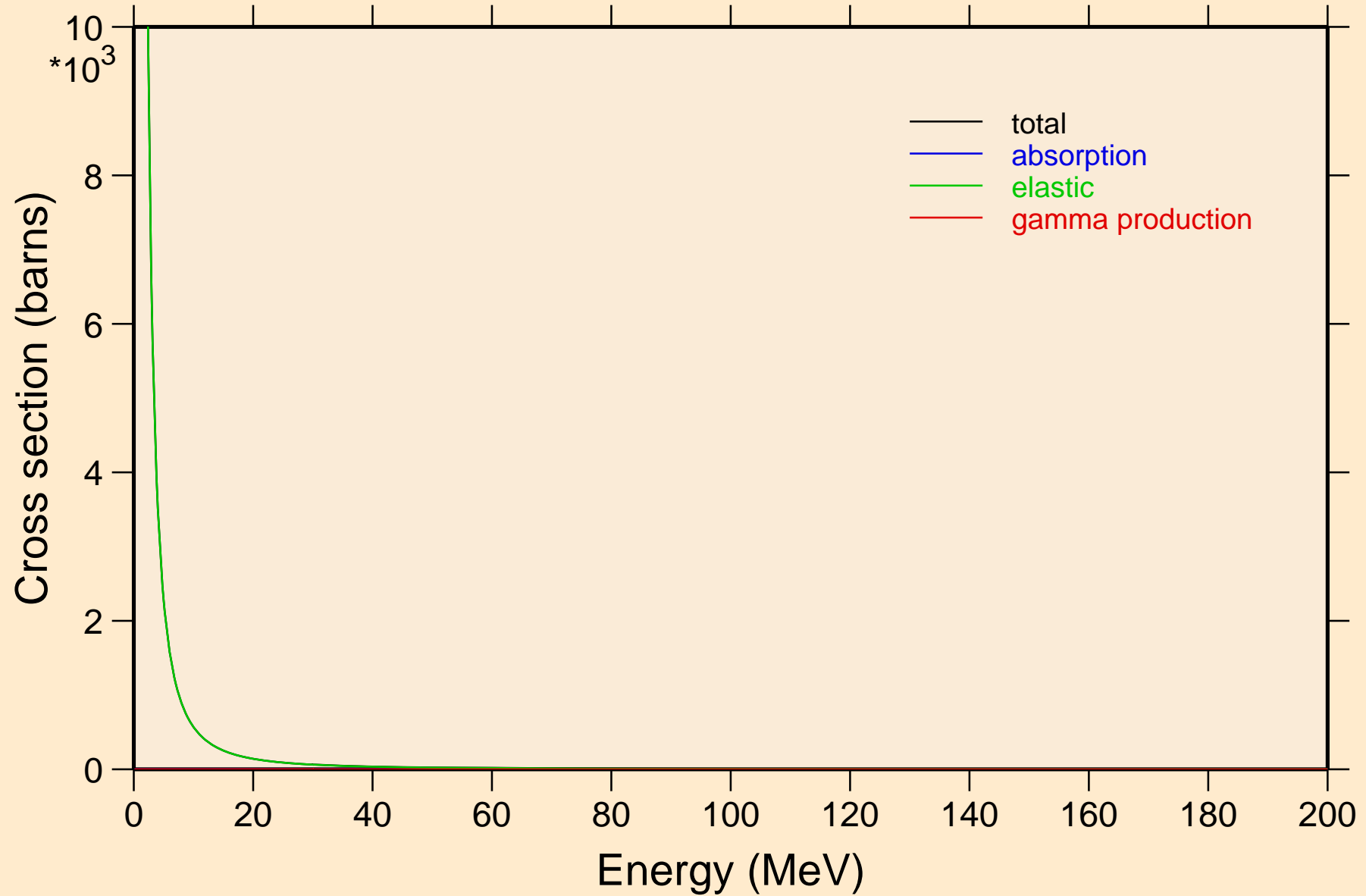
# CM247 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



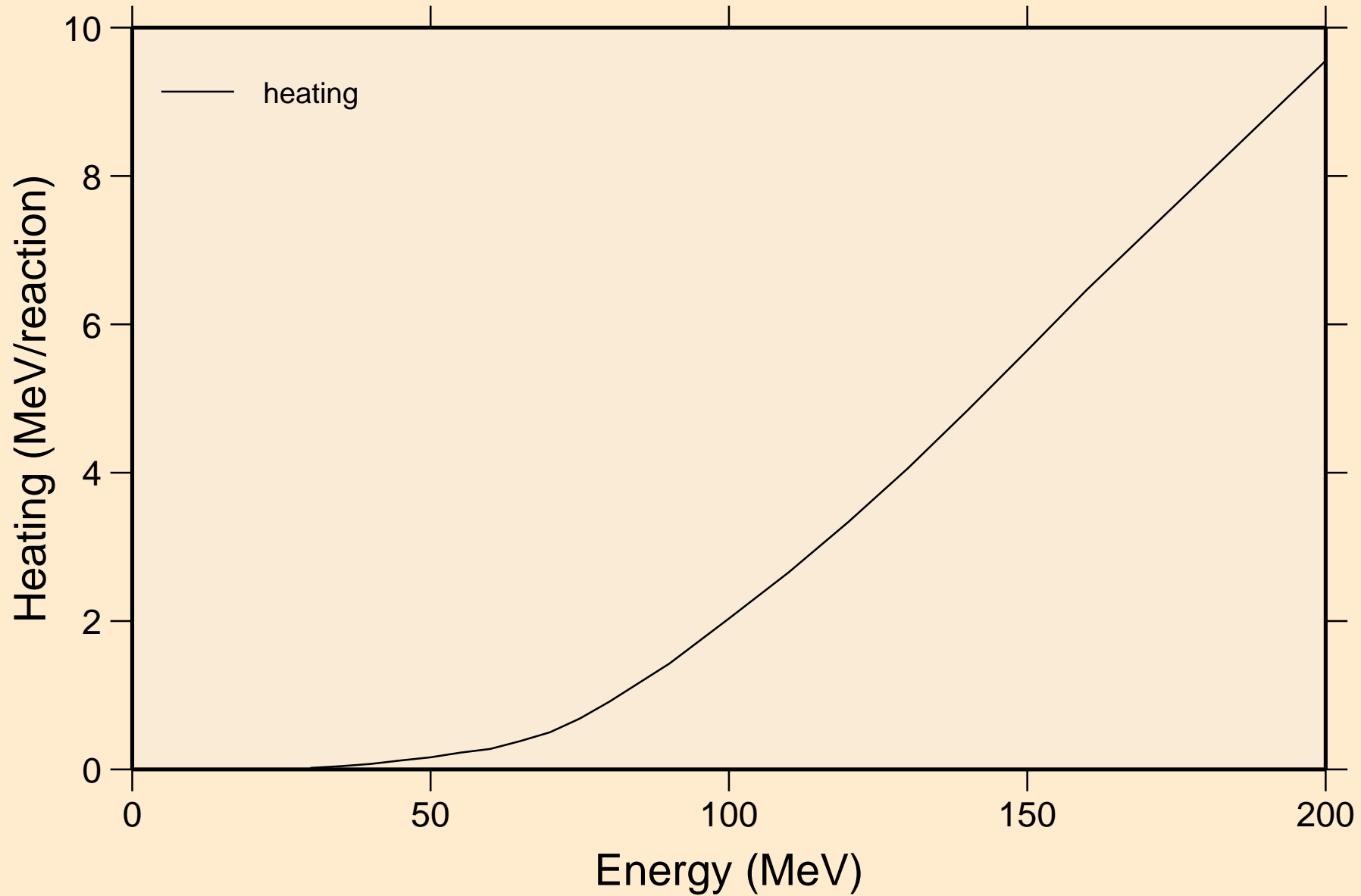
# CM247 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



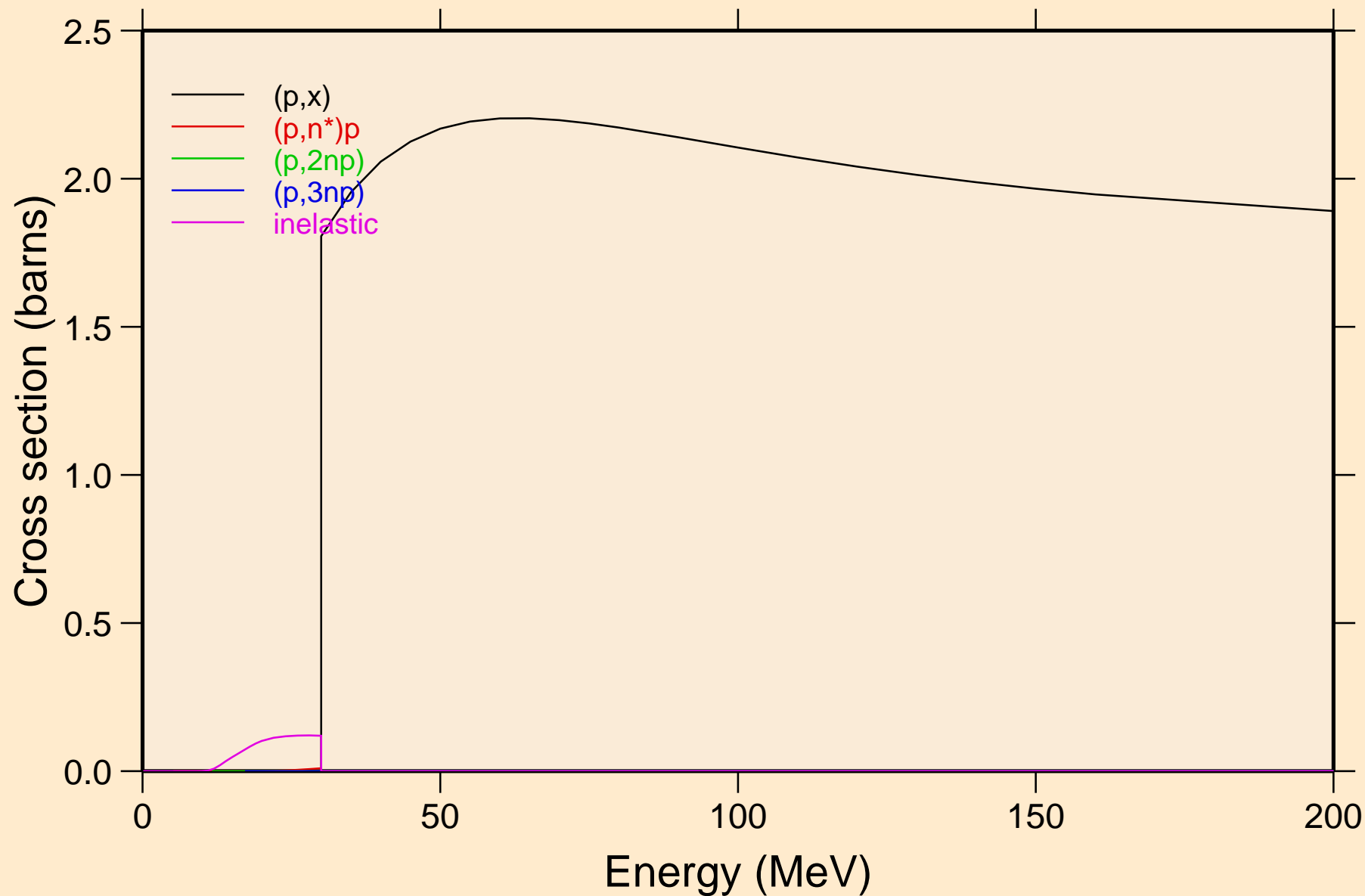
# CM247 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Heating



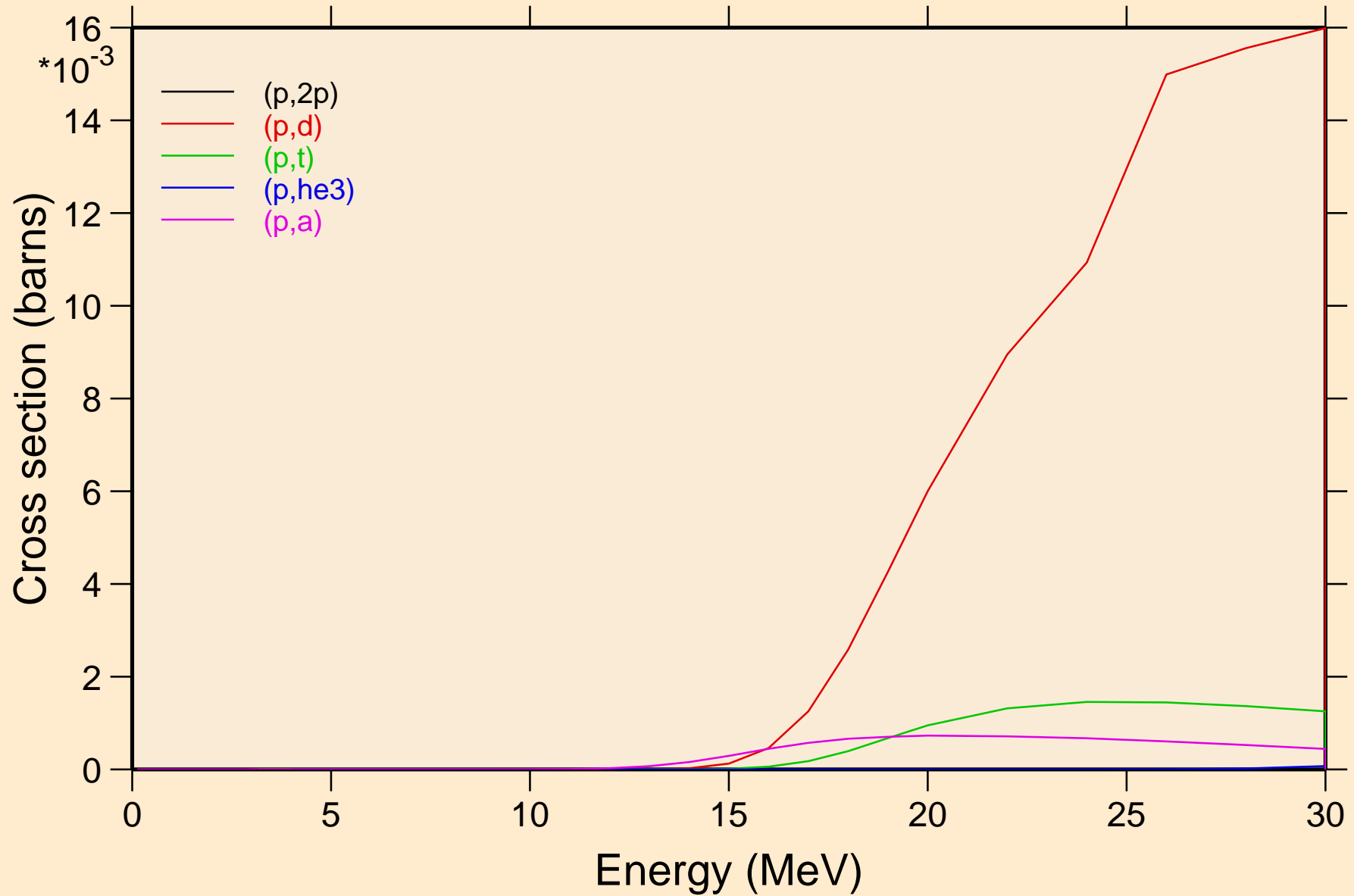
# CM247 PROTON ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

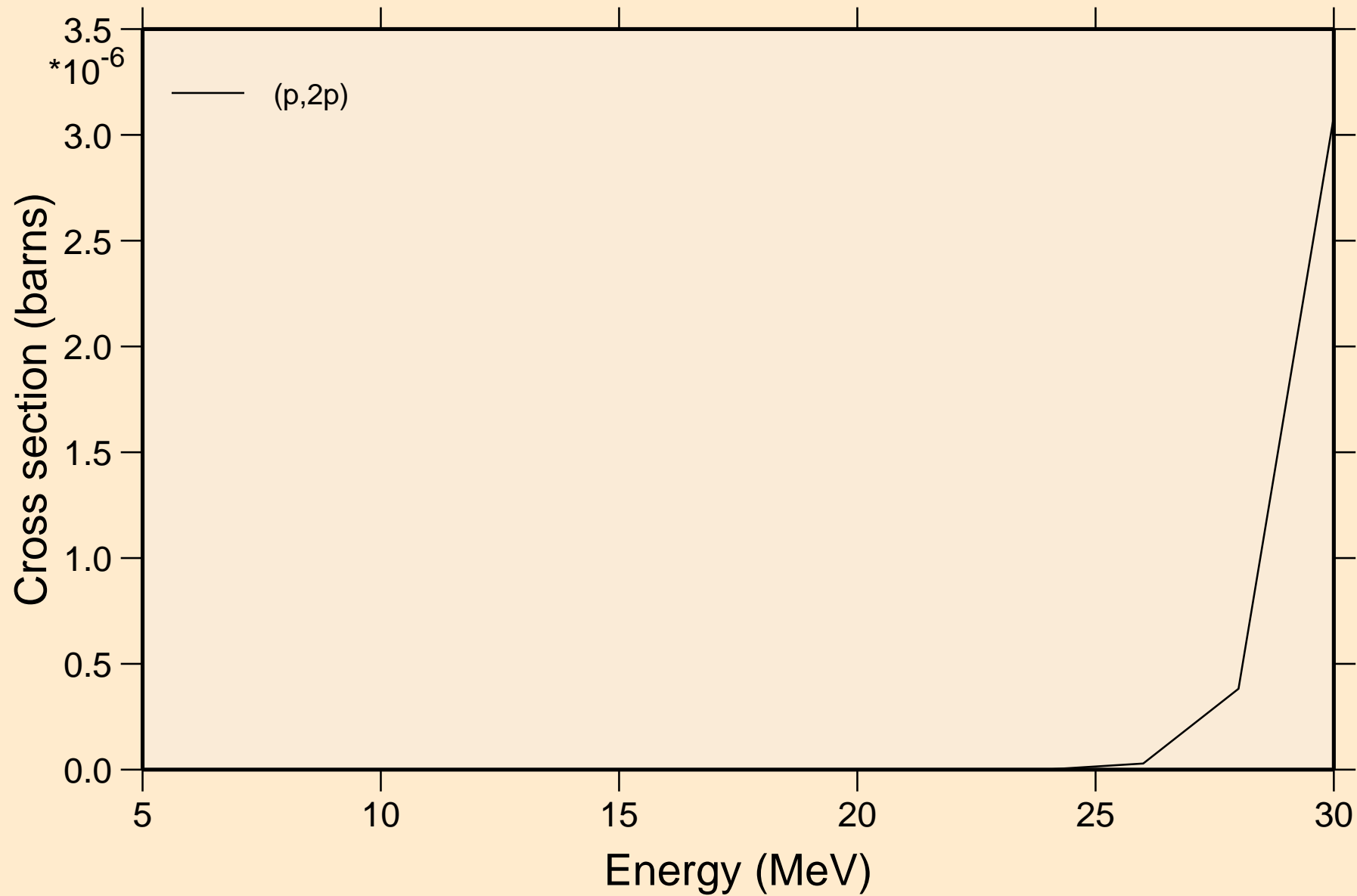


# CM247 PROTON ACER TENDL-2024 LIBRARY; T=0.K

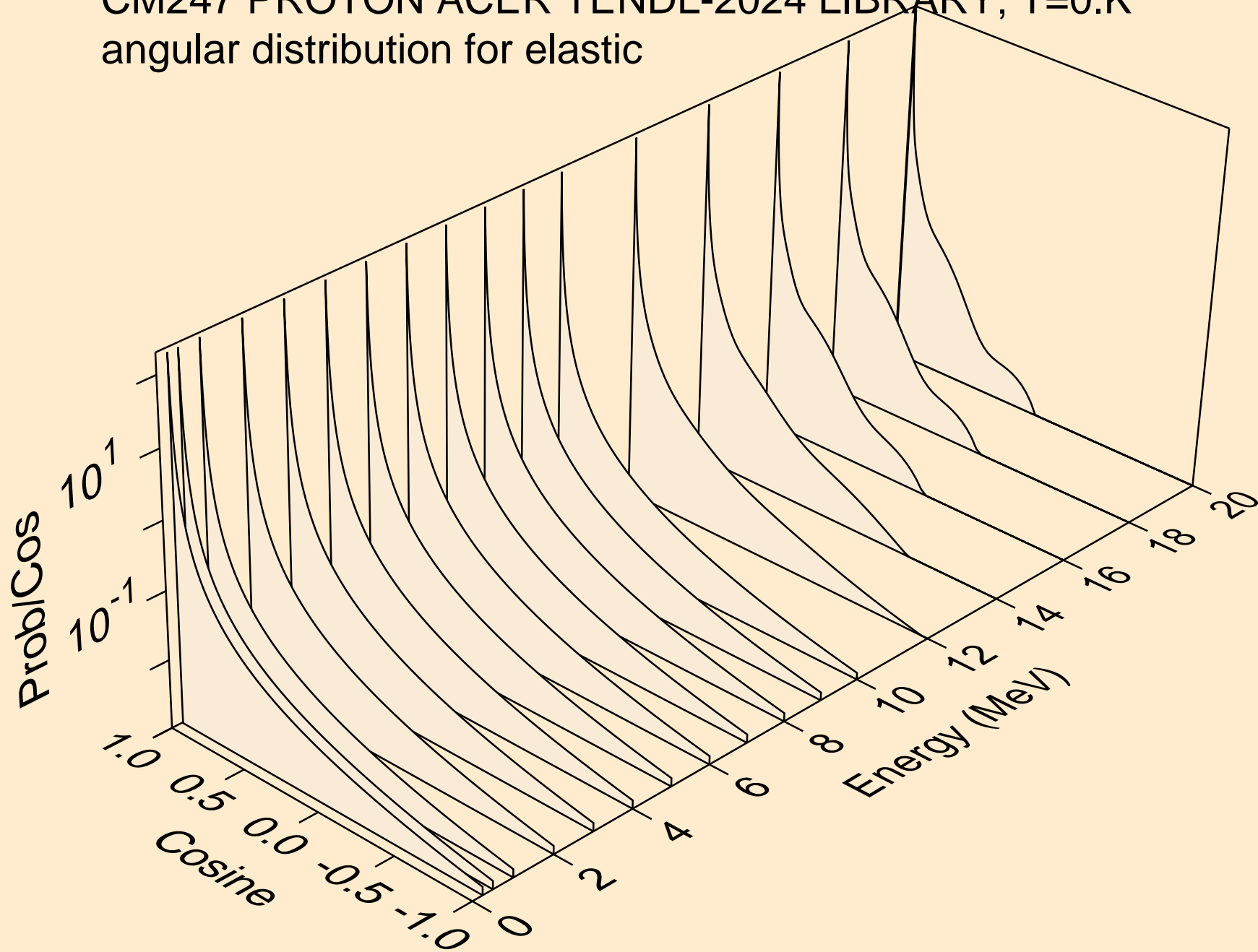
## Threshold reactions



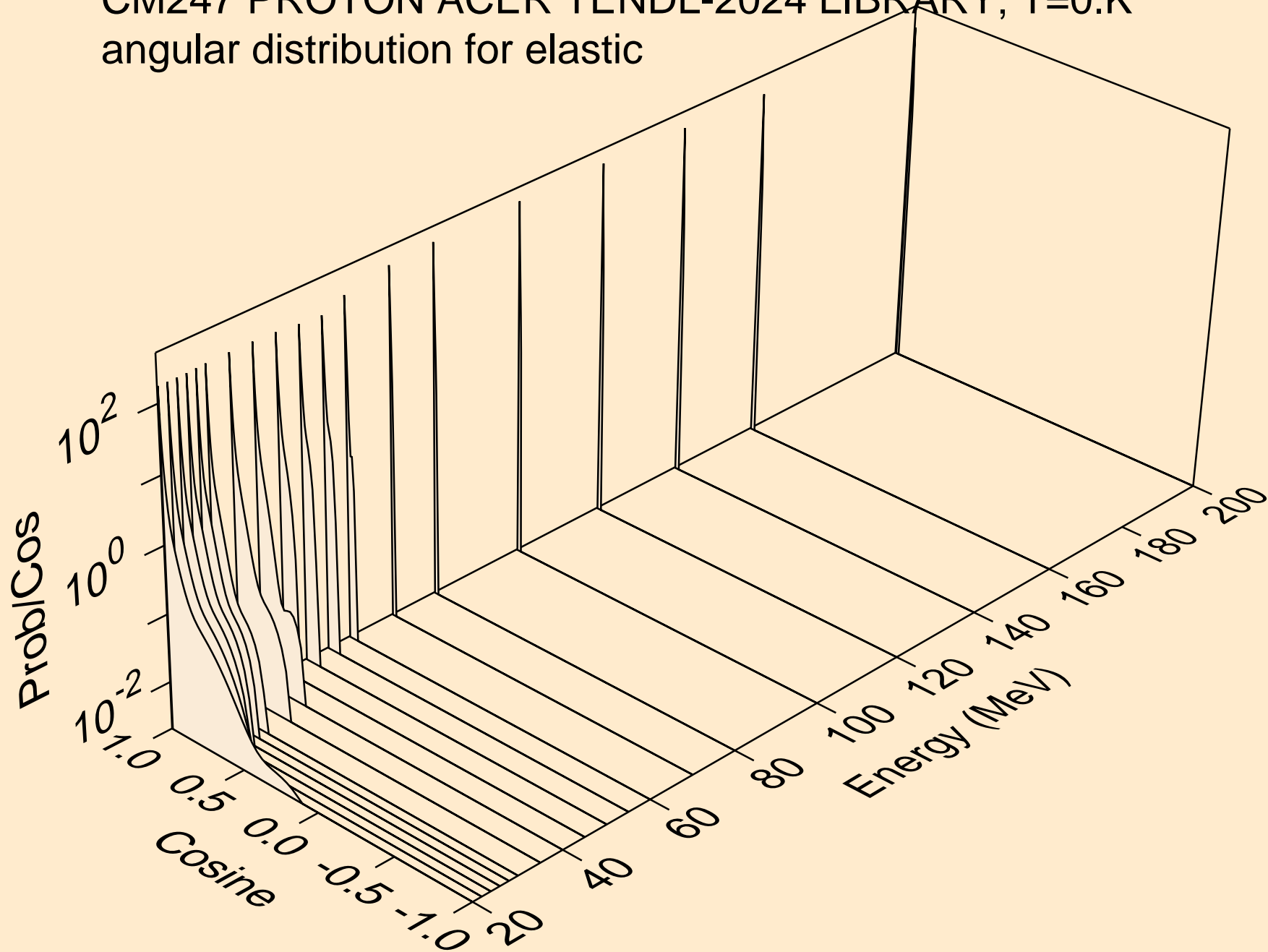
CM247 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



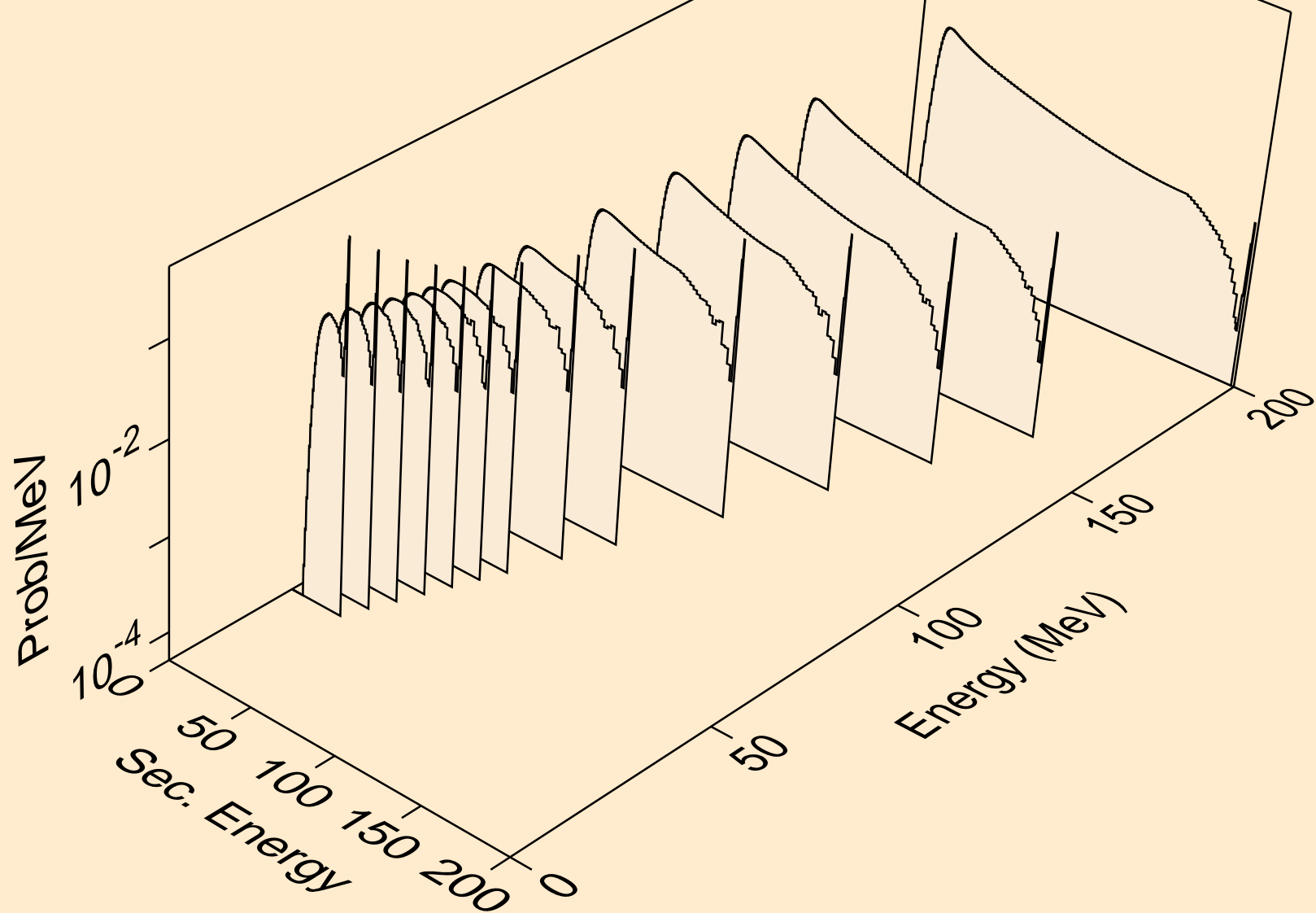
CM247 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



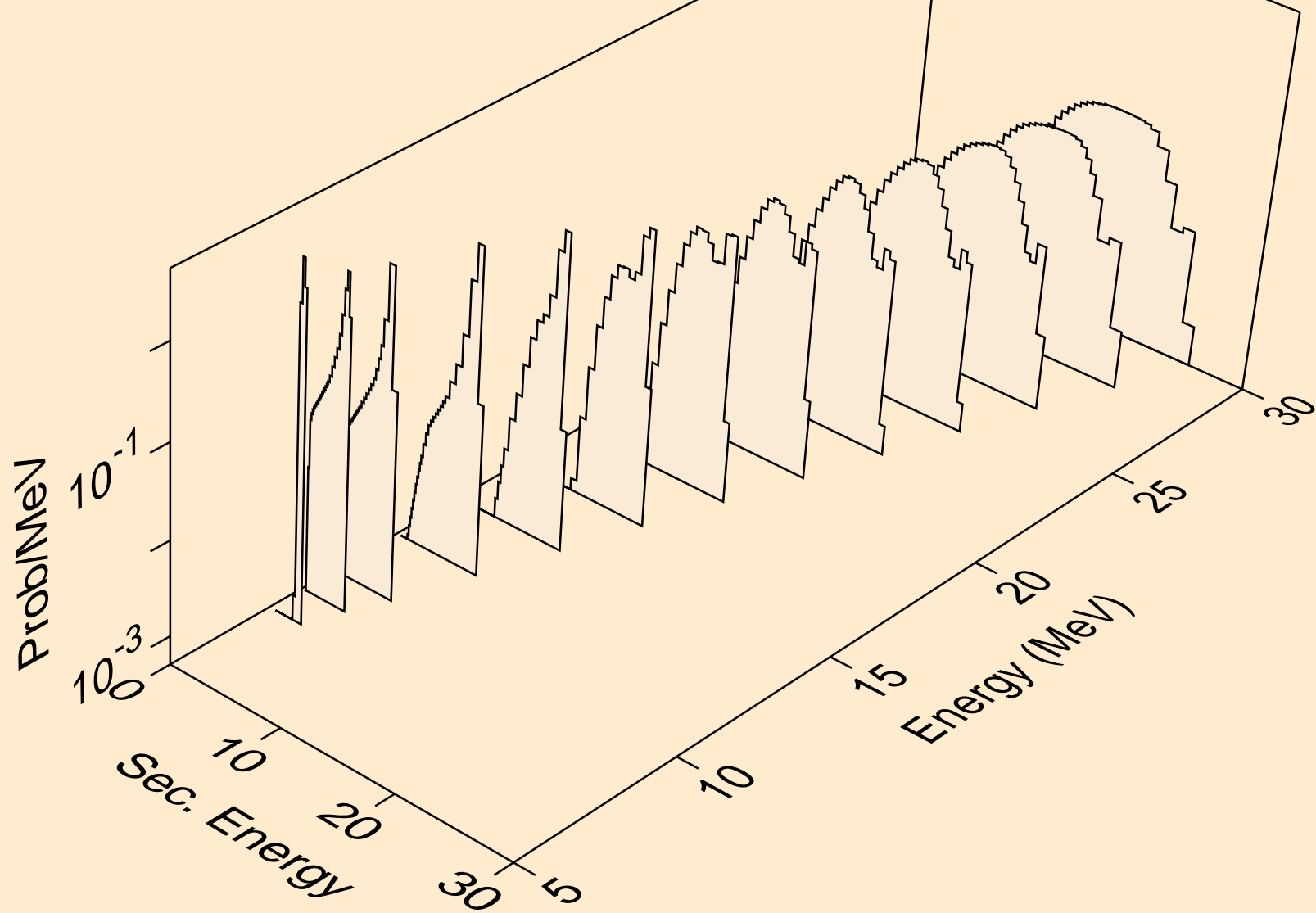
CM247 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



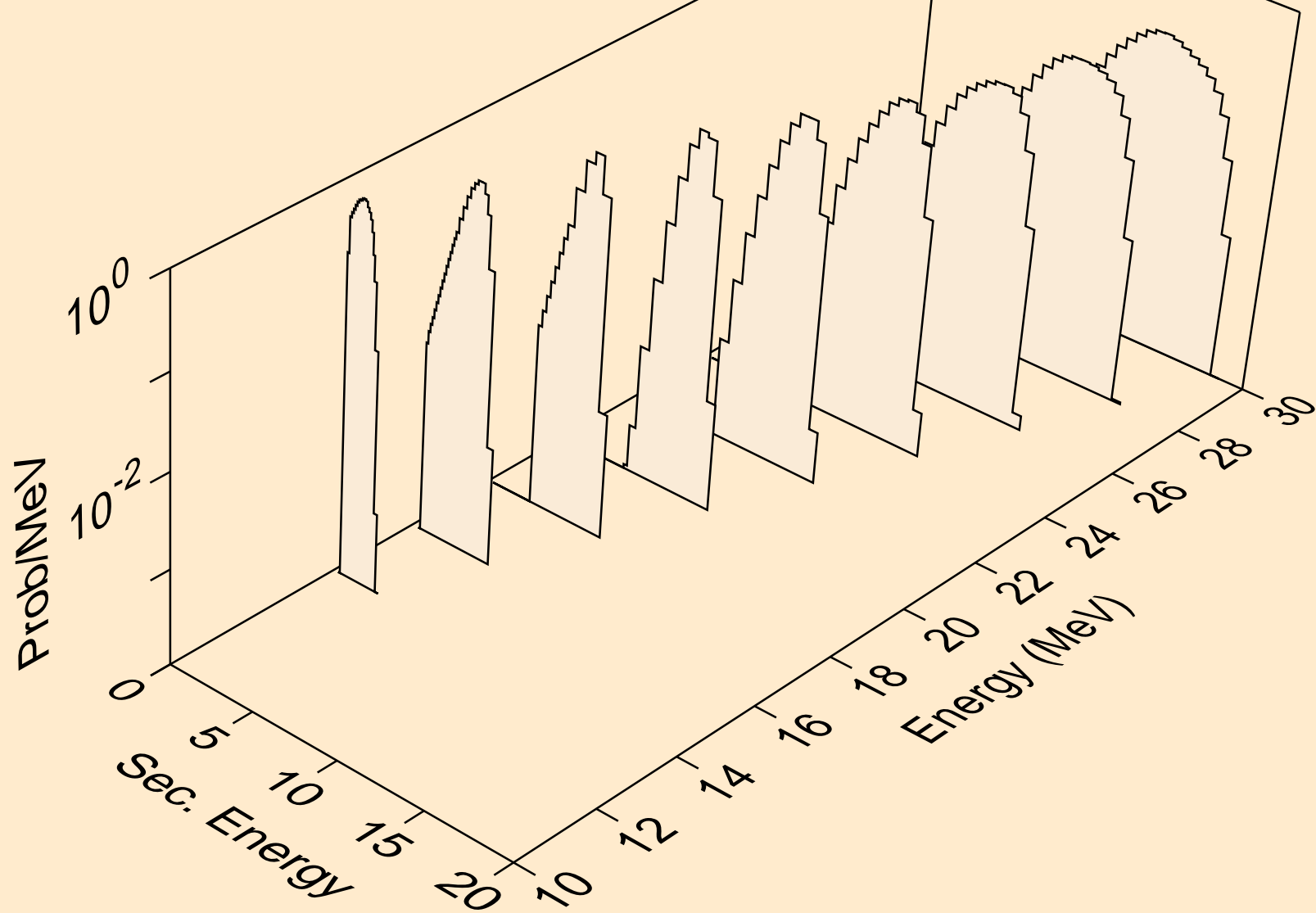
CM247 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,x)



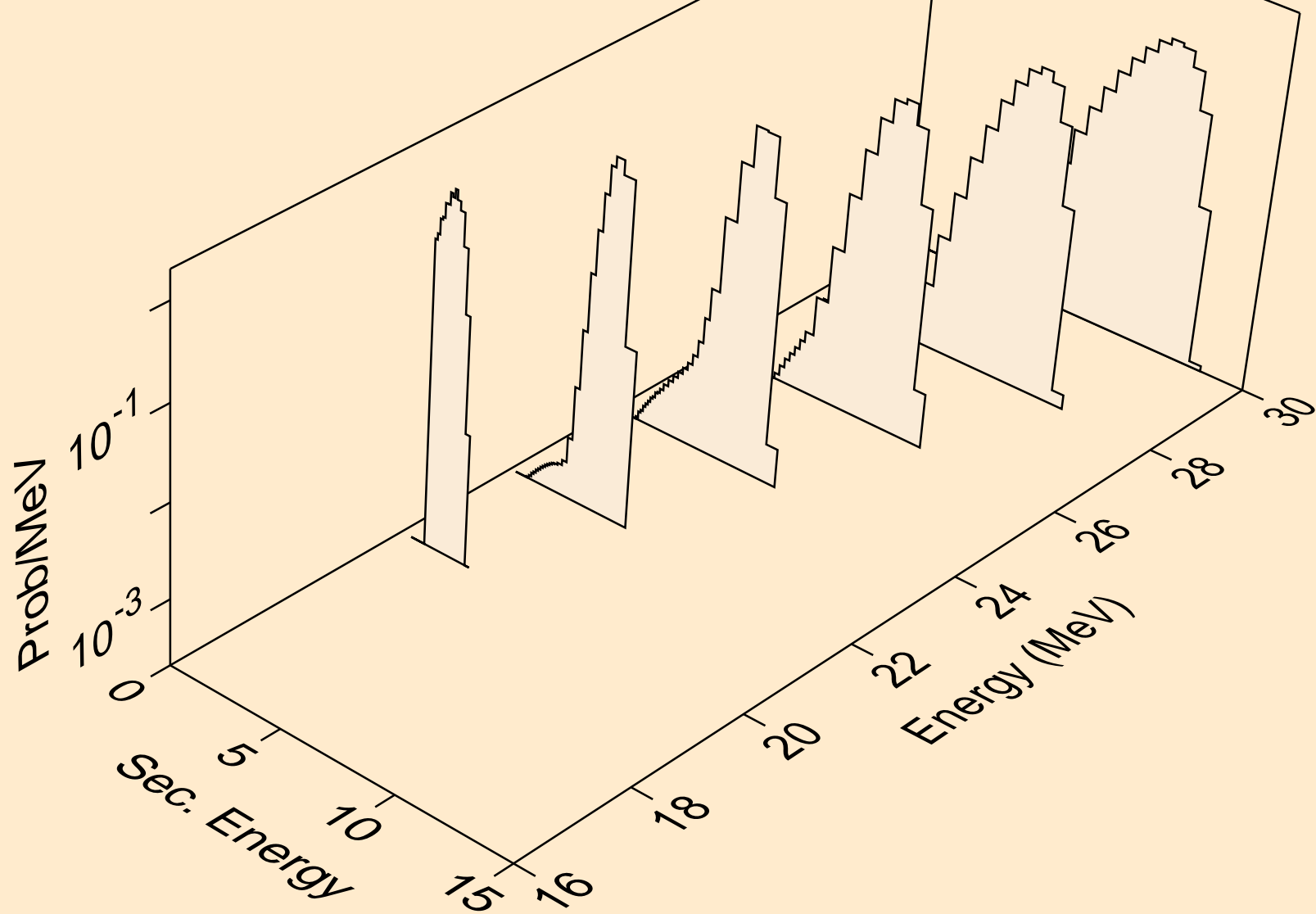
CM247 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,n\*)p



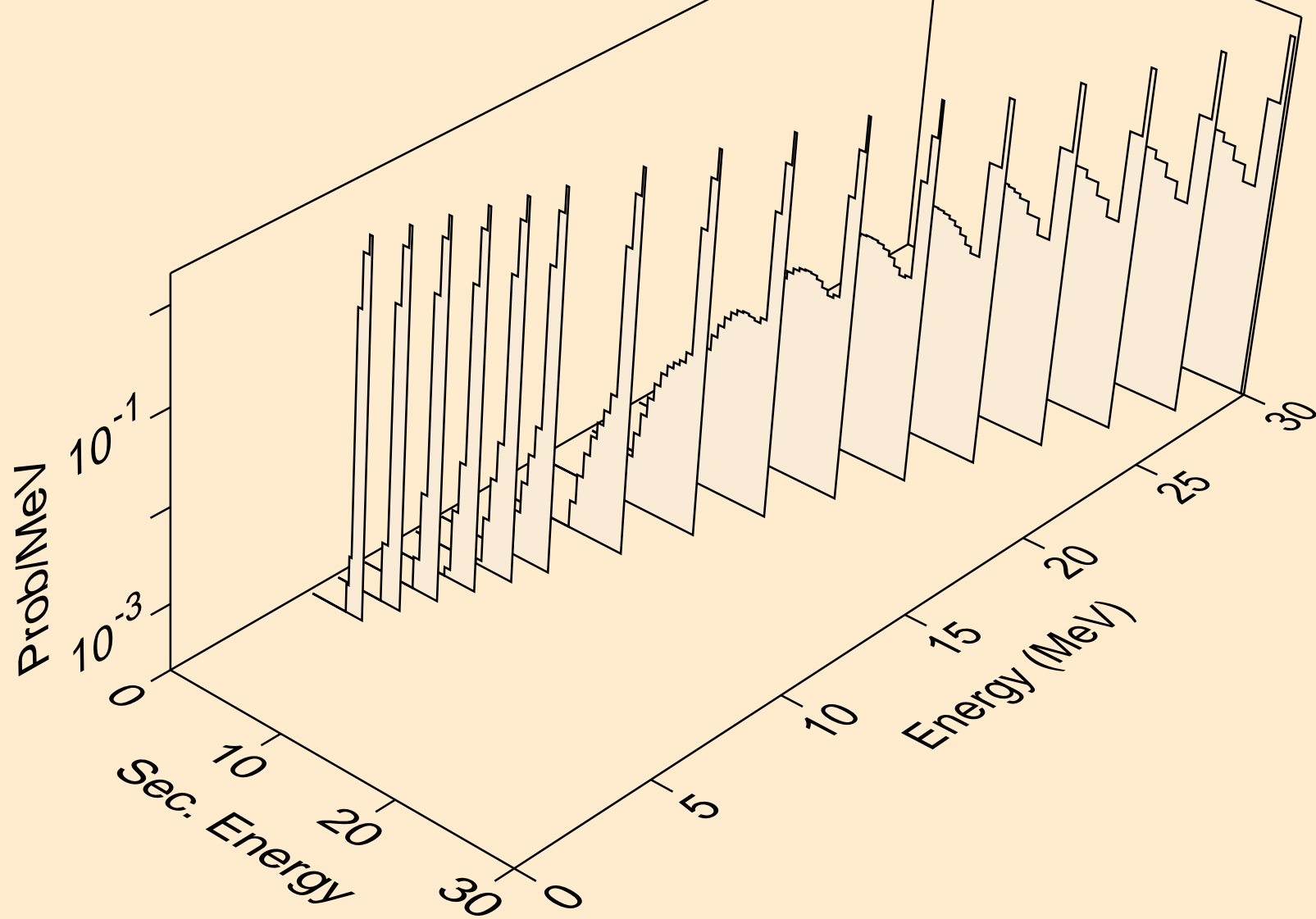
CM247 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for (p,2np)



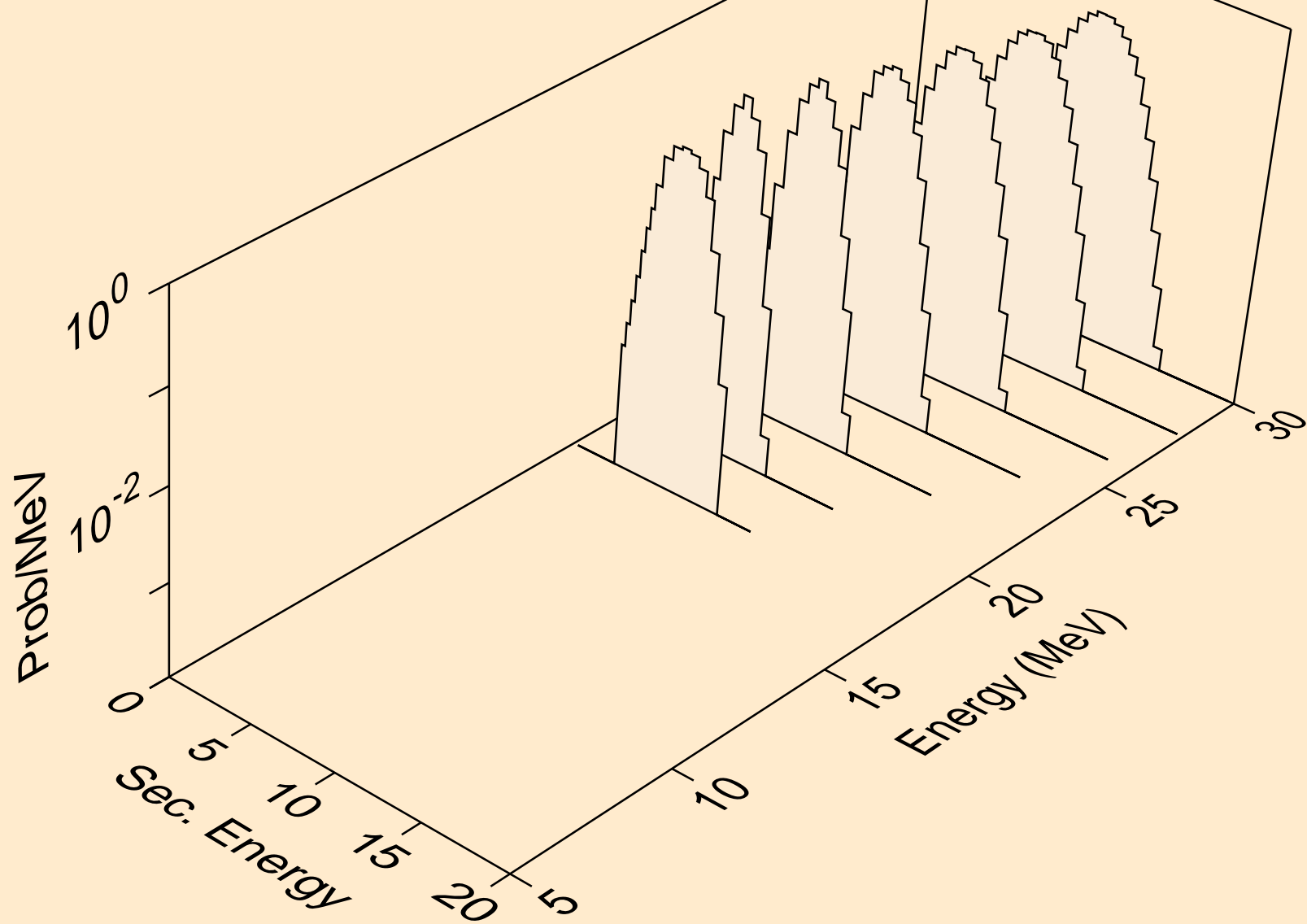
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Proton emission for (p,3np)



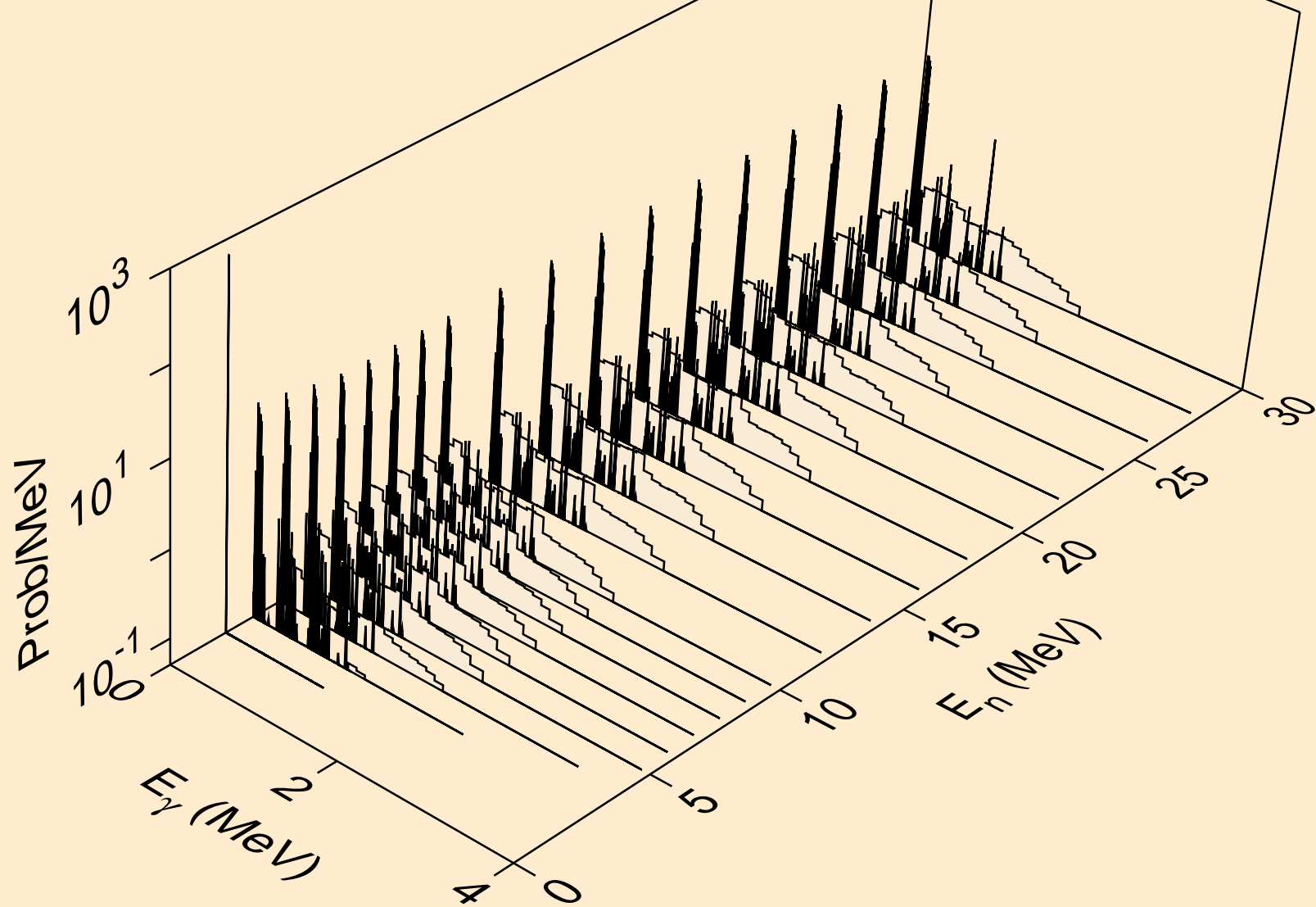
CM247 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Proton emission for inelastic



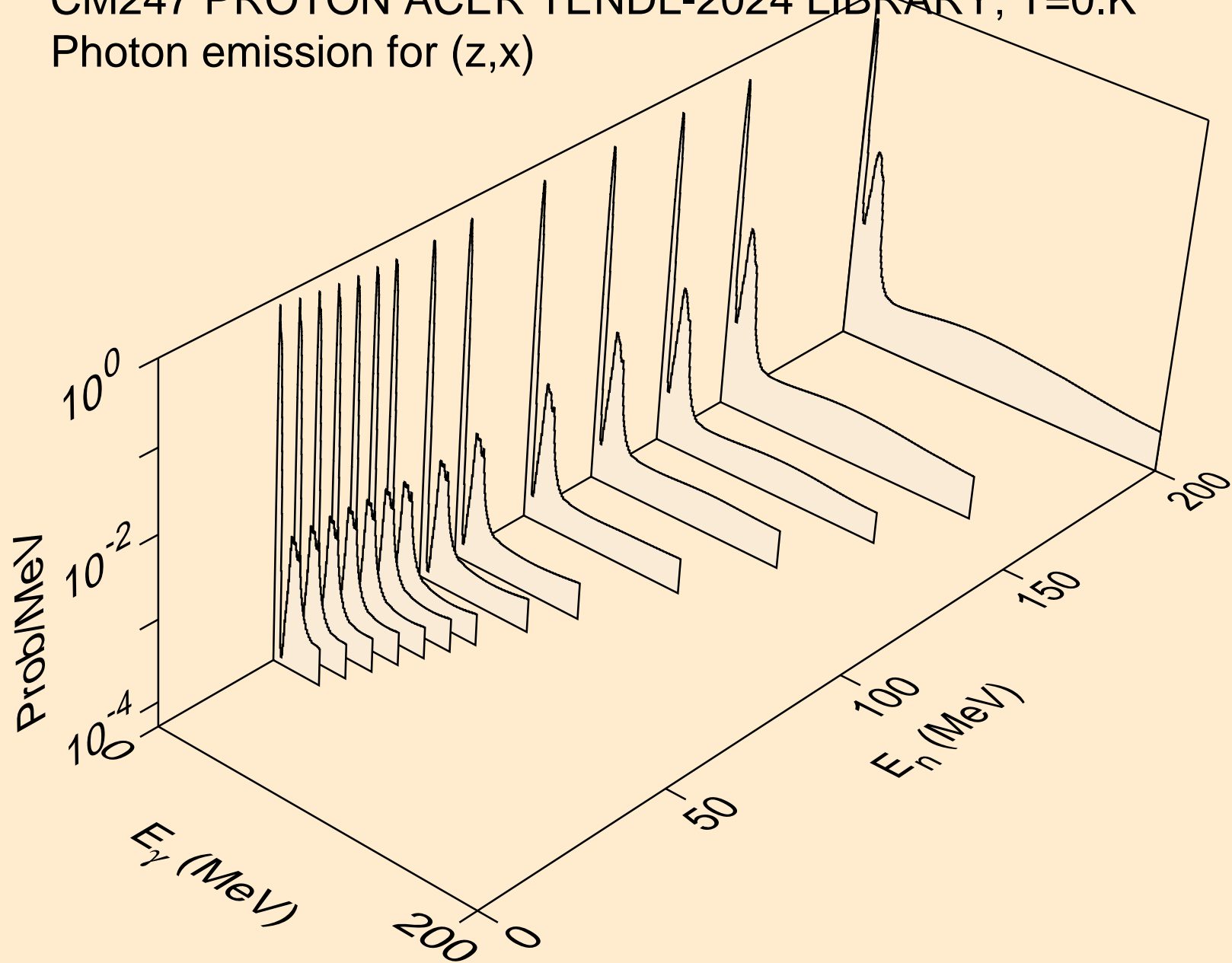
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Proton emission for (p,2p)



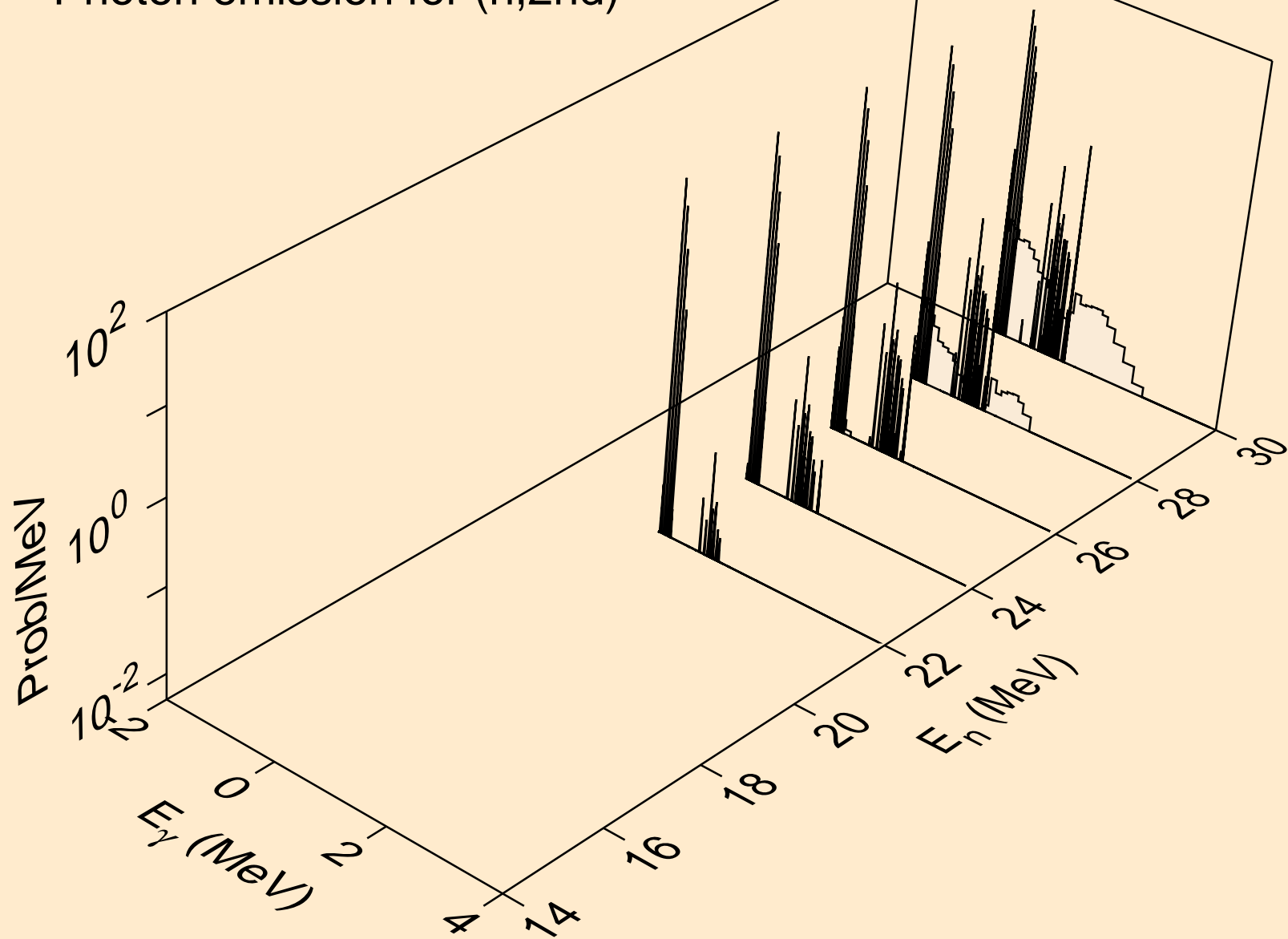
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Photon emission for (z,n)



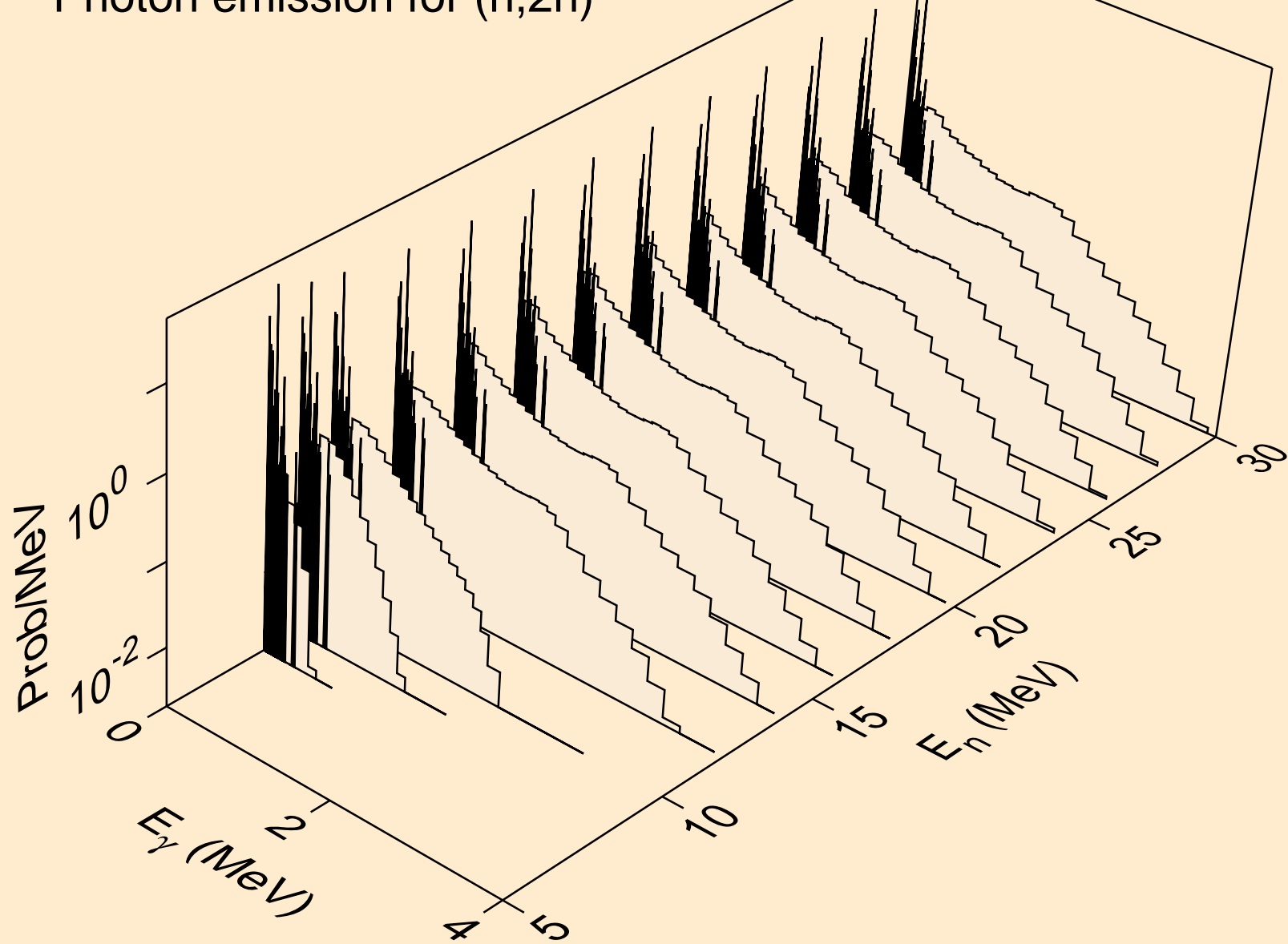
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Photon emission for (z,x)



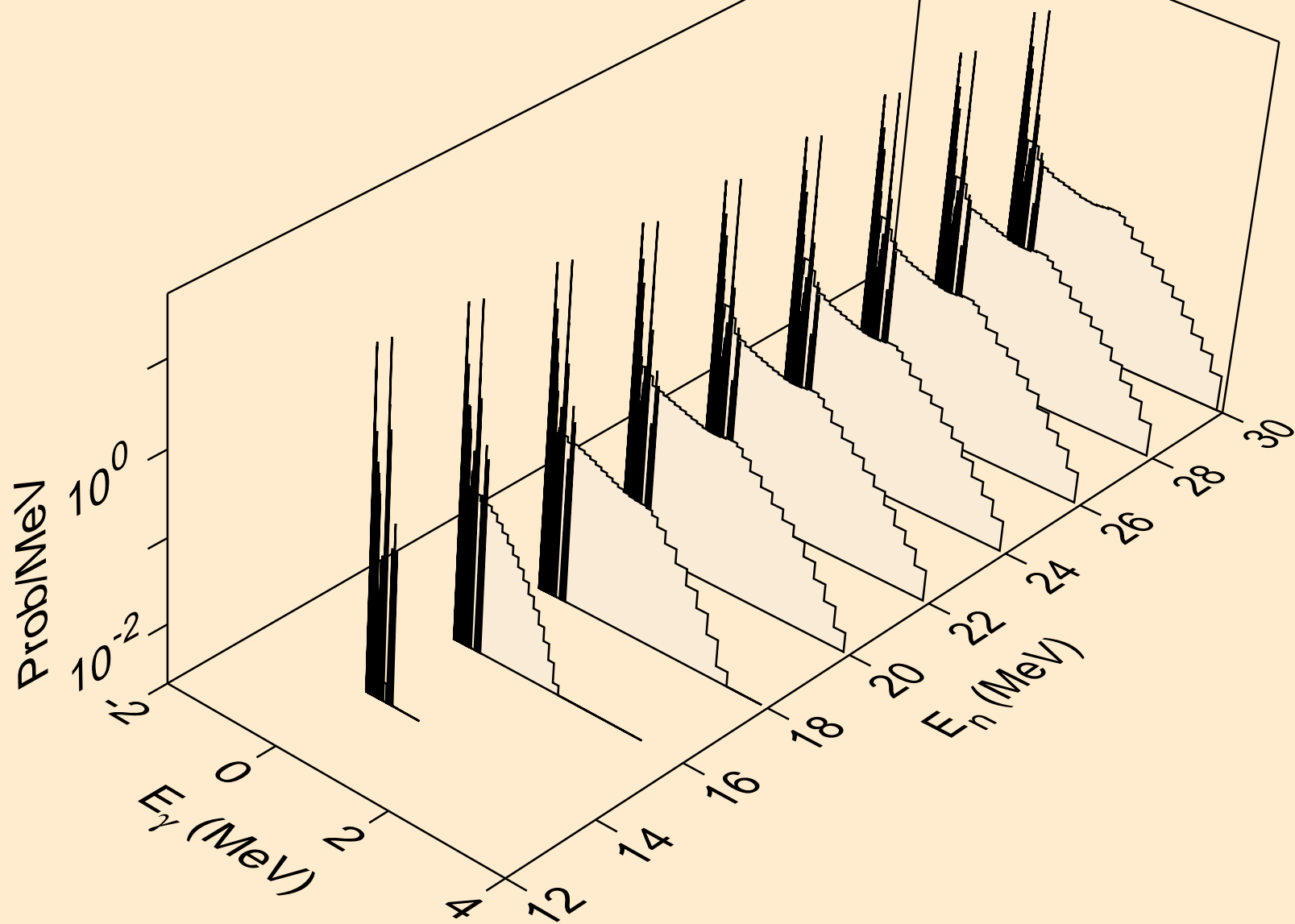
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Photon emission for (n,2nd)



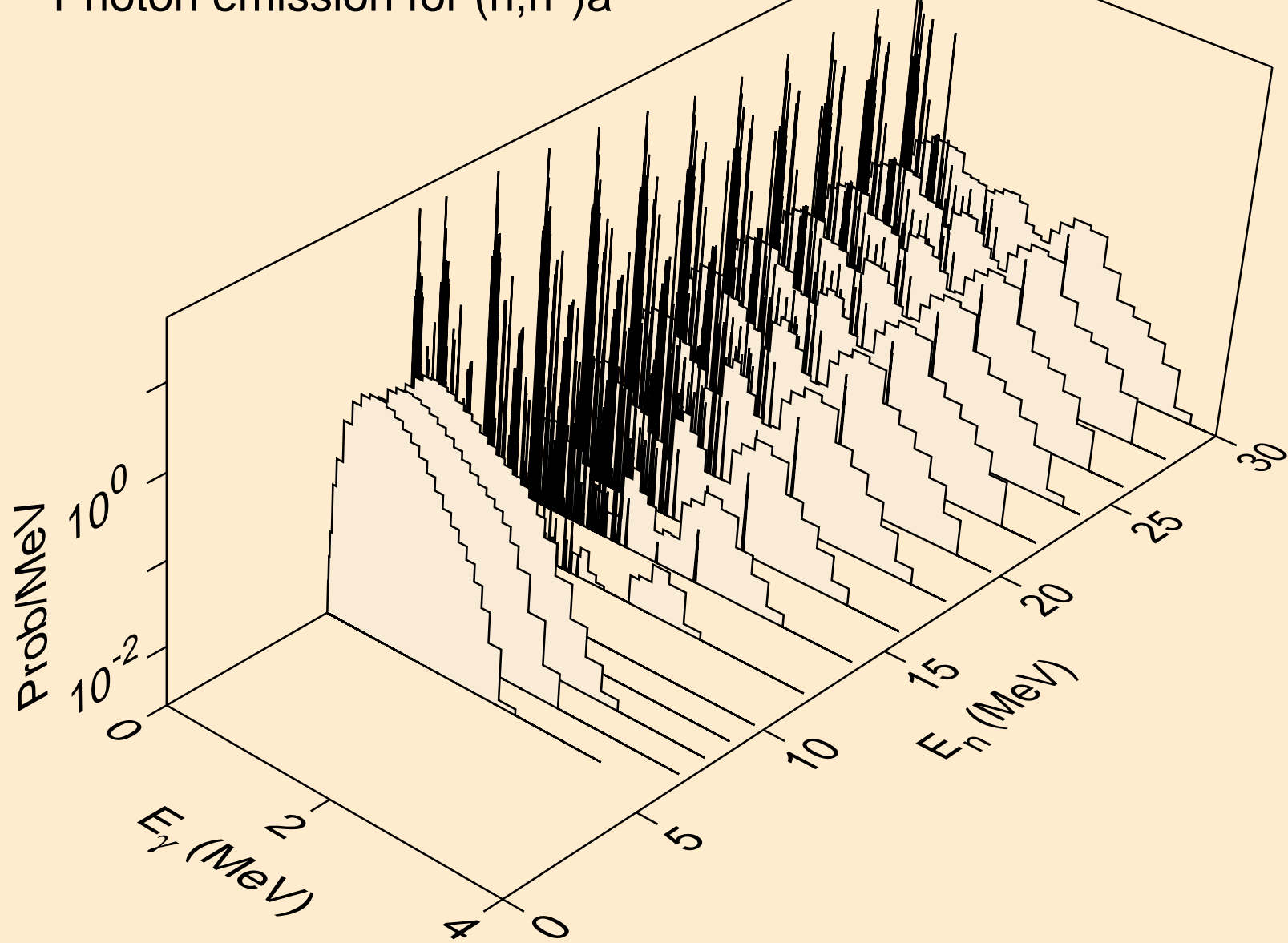
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Photon emission for (n,2n)



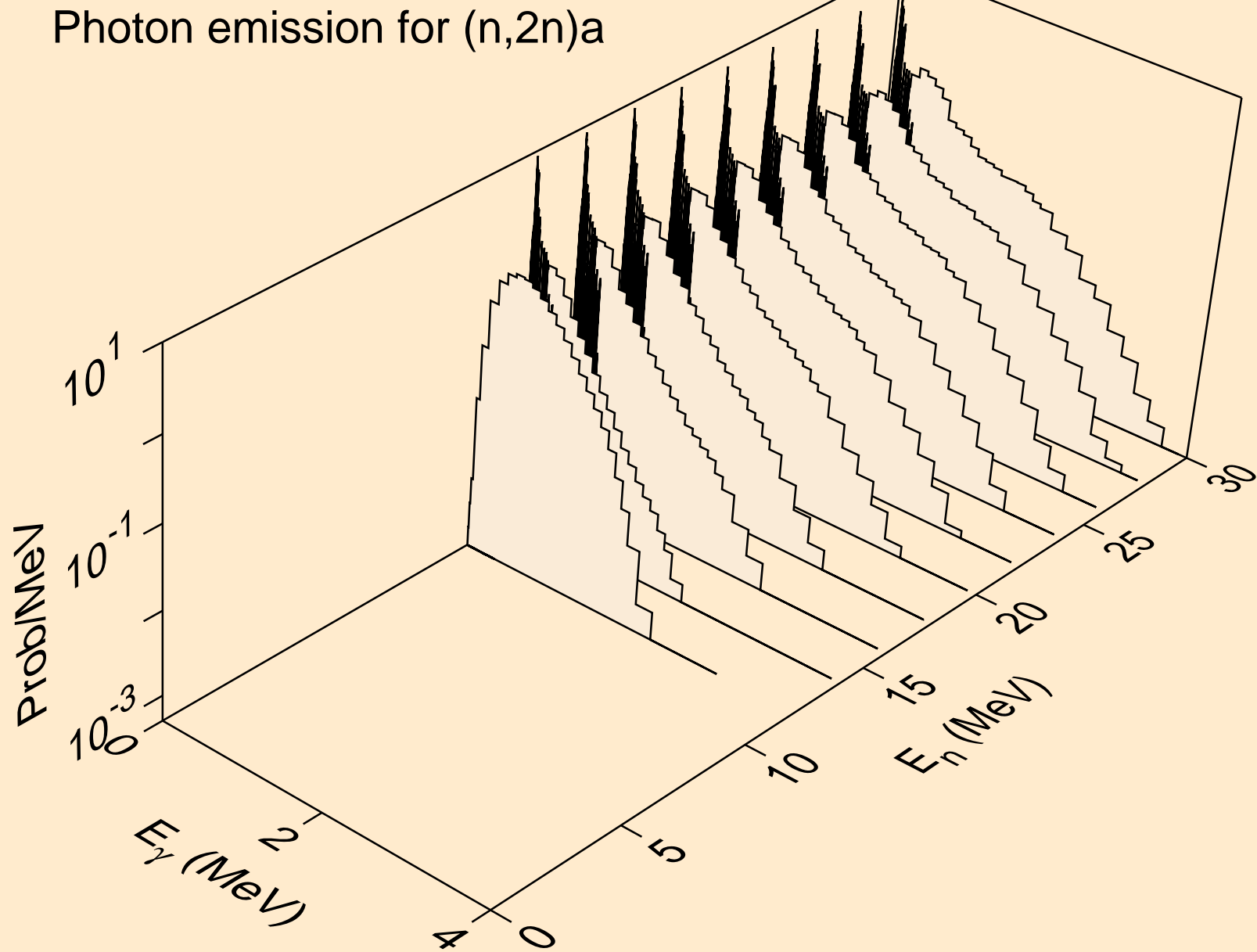
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Photon emission for (n,3n)



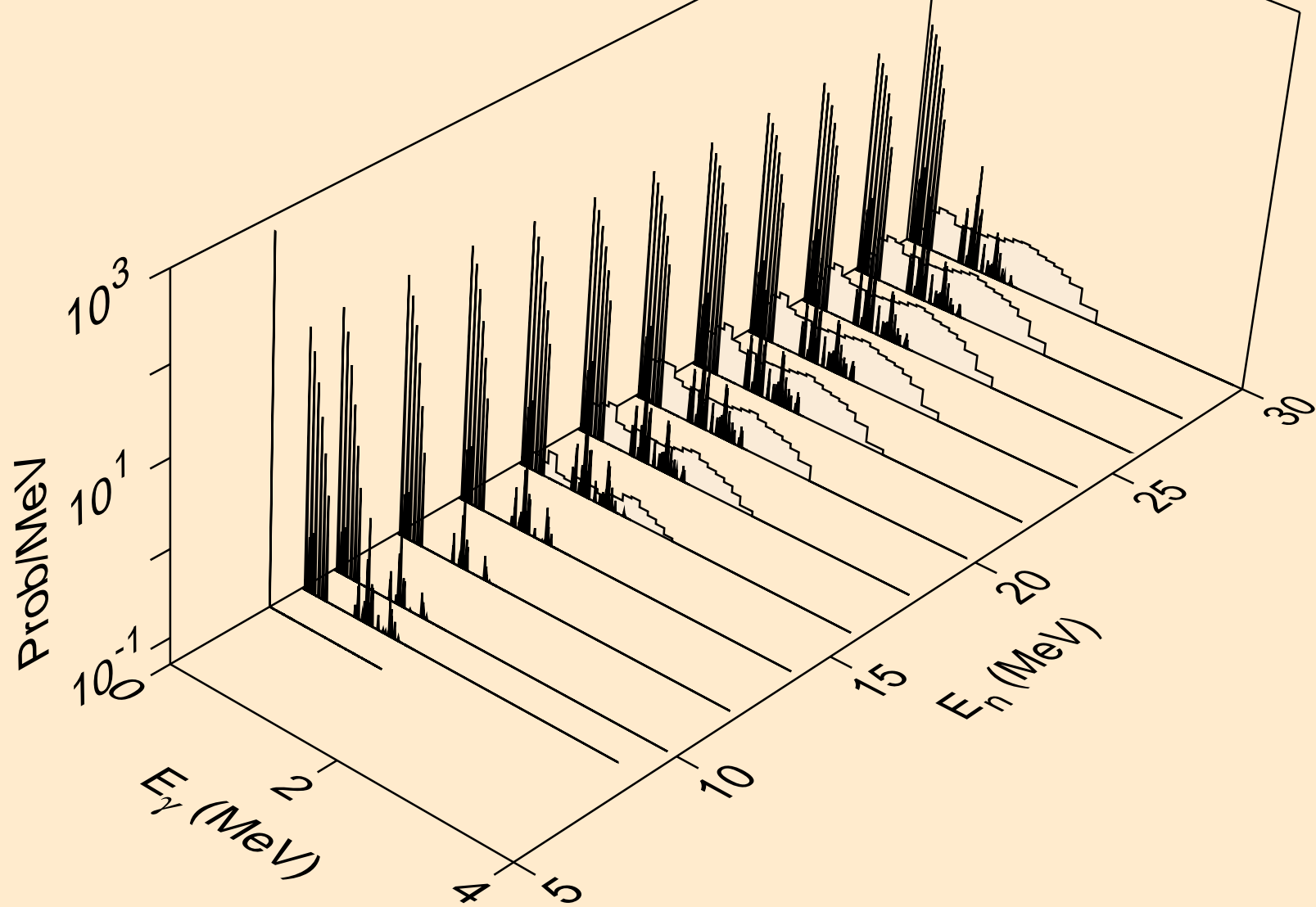
CM247 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



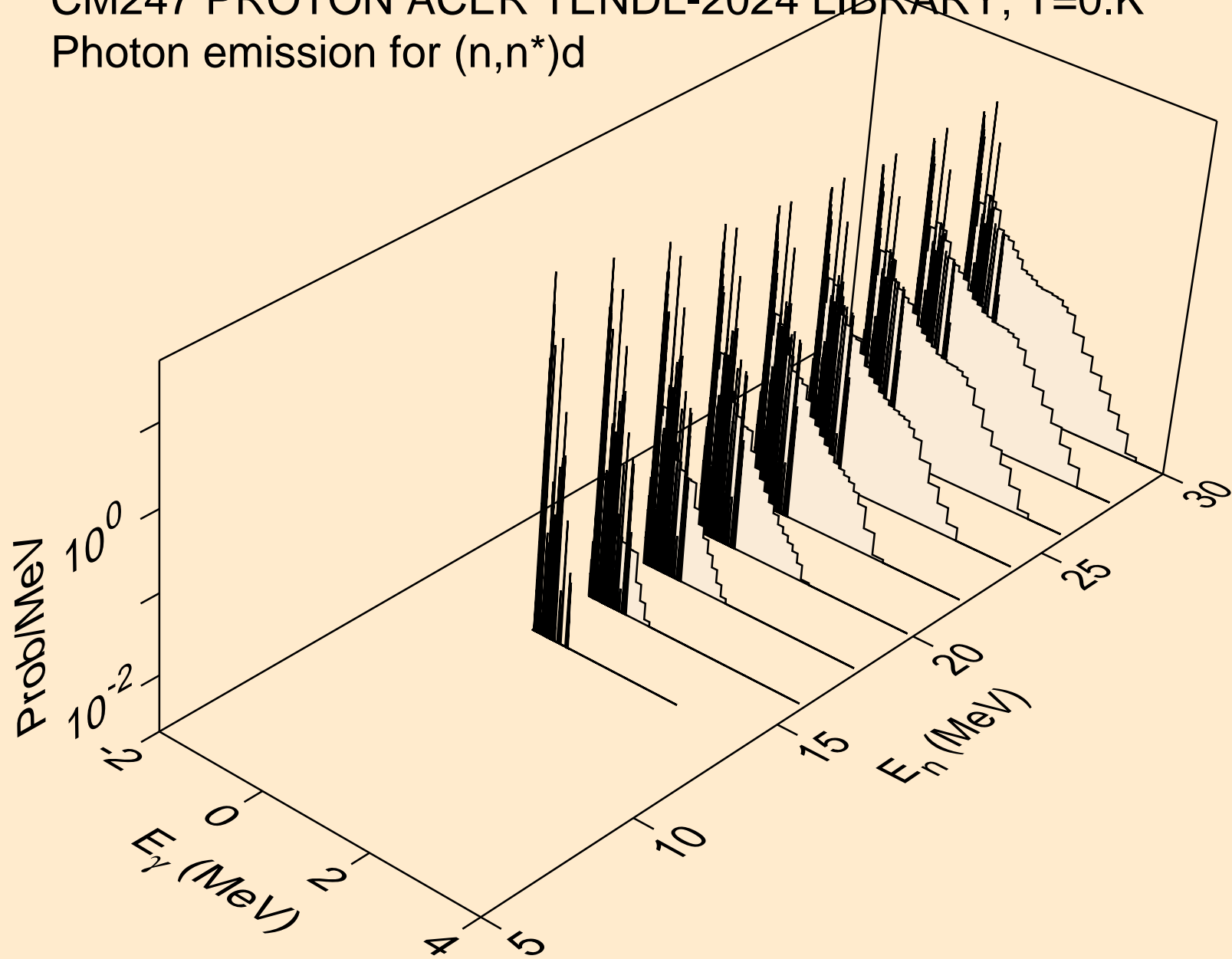
CM247 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



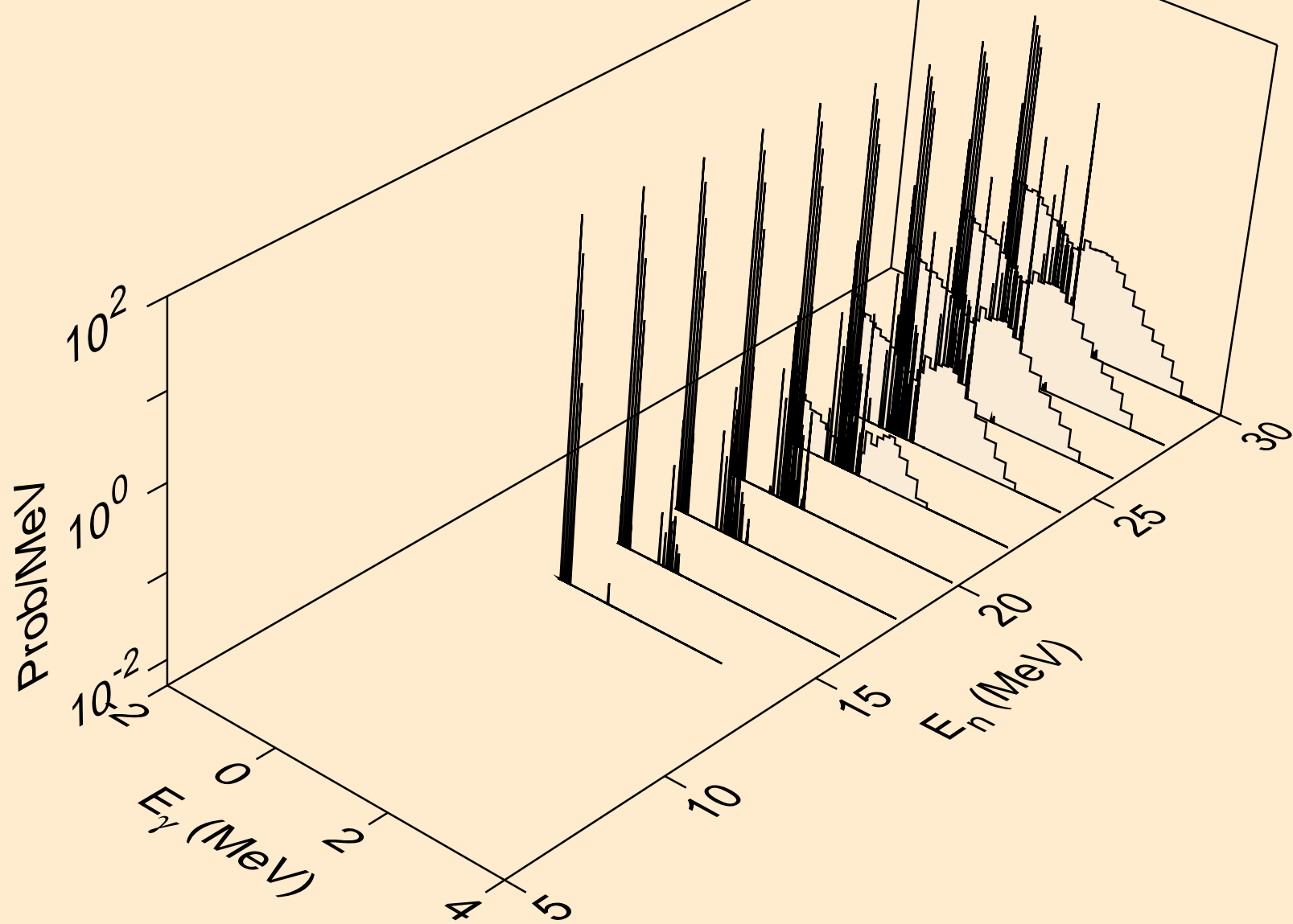
CM247 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



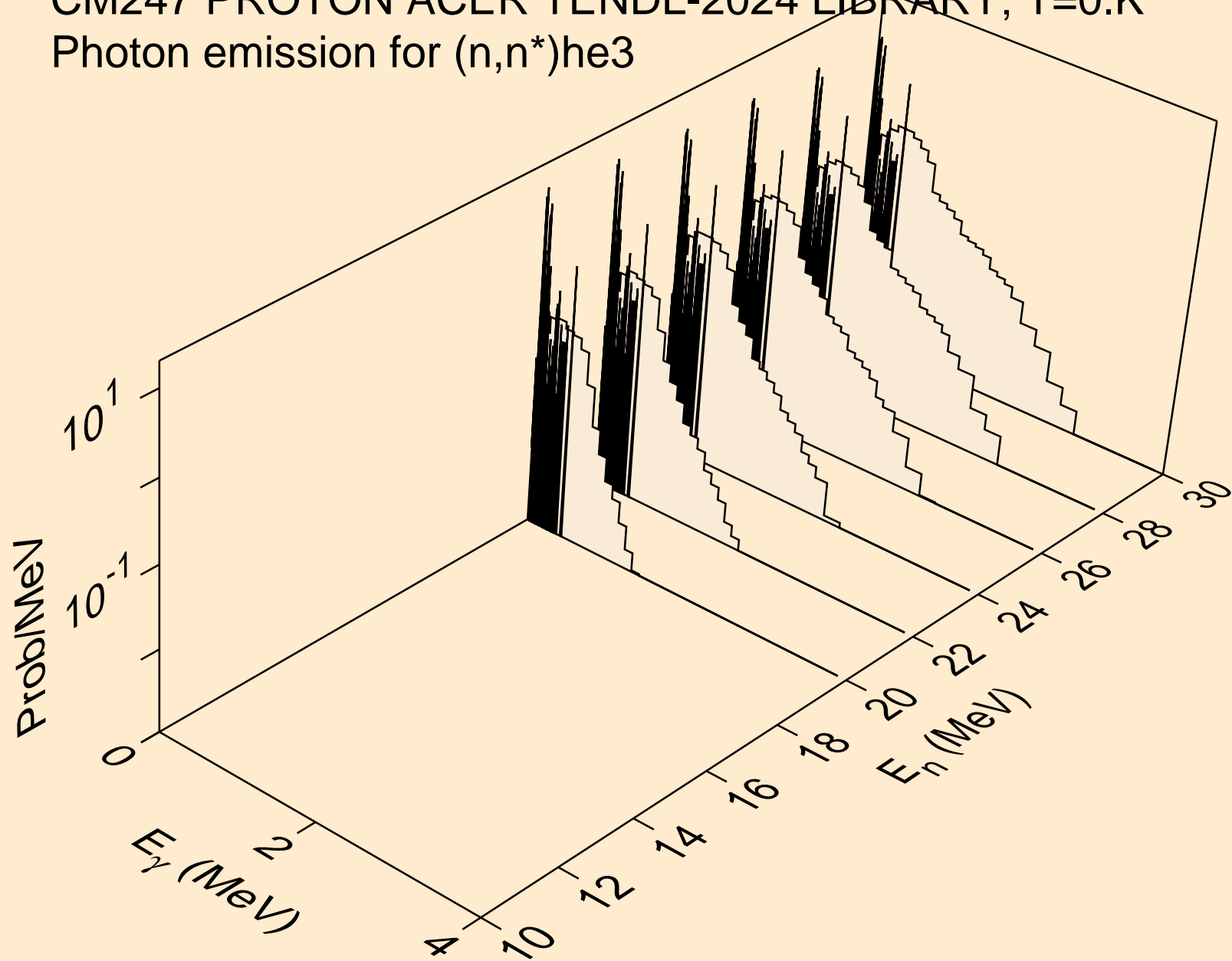
CM247 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



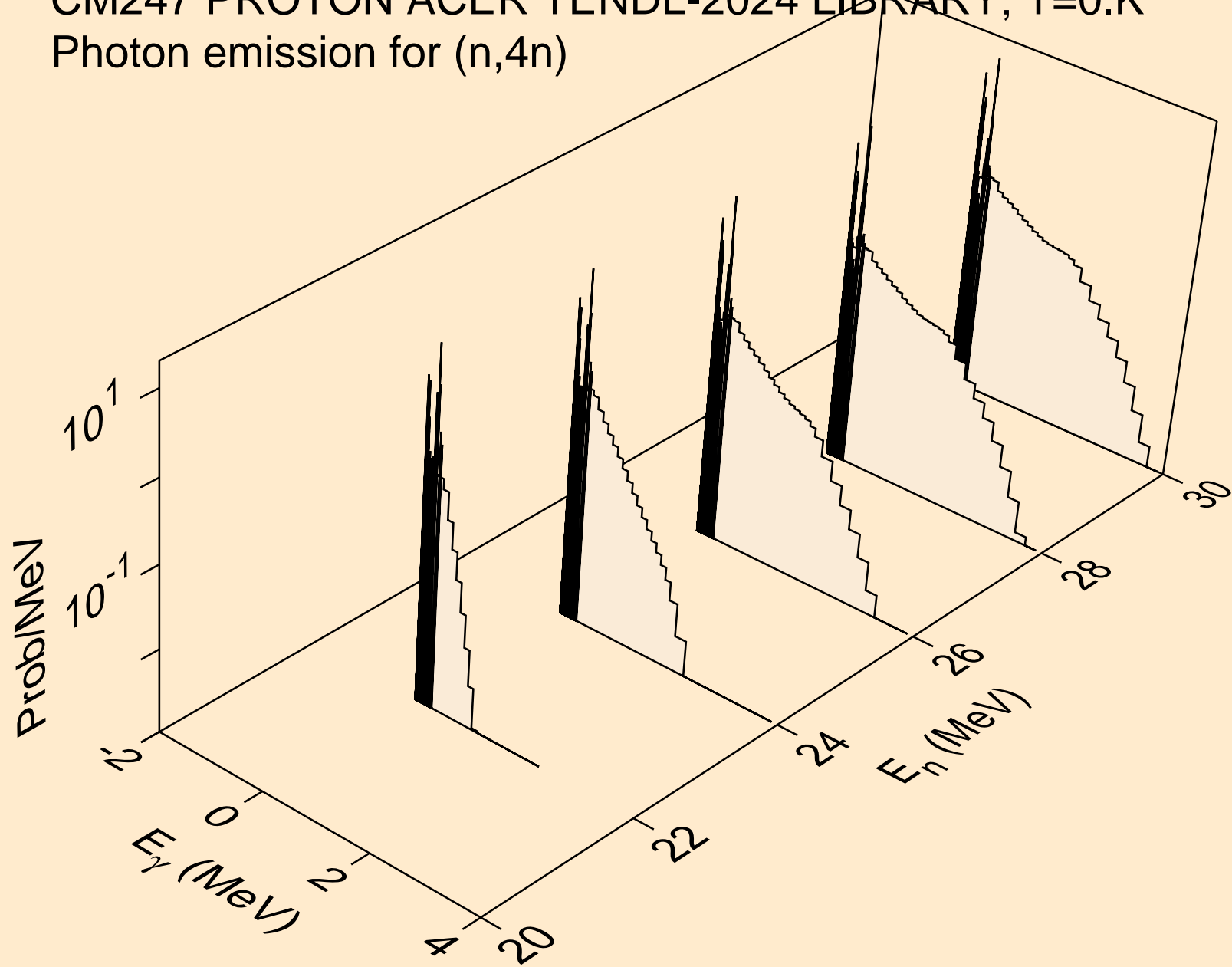
CM247 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



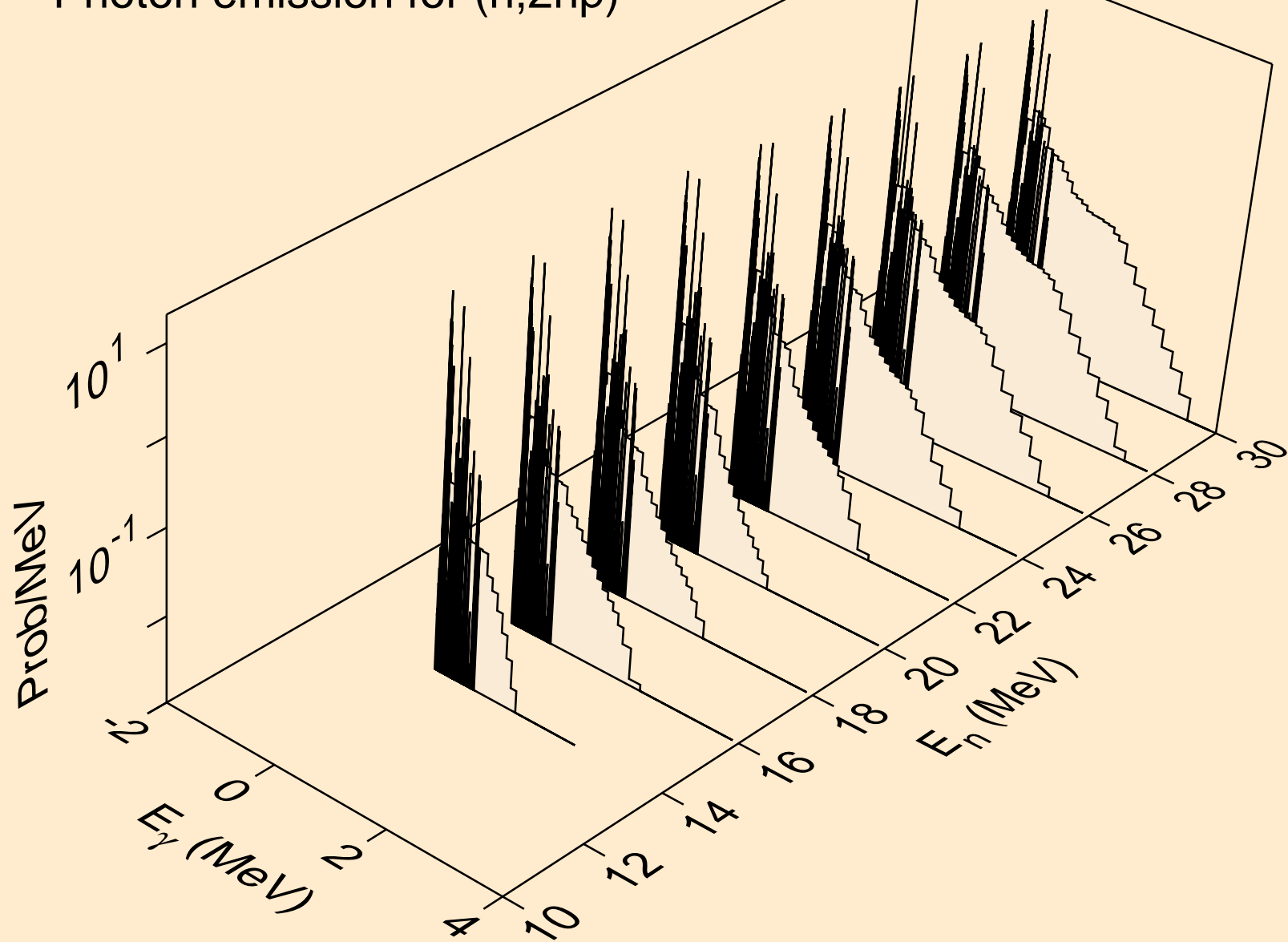
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Photon emission for (n,n\*)he3



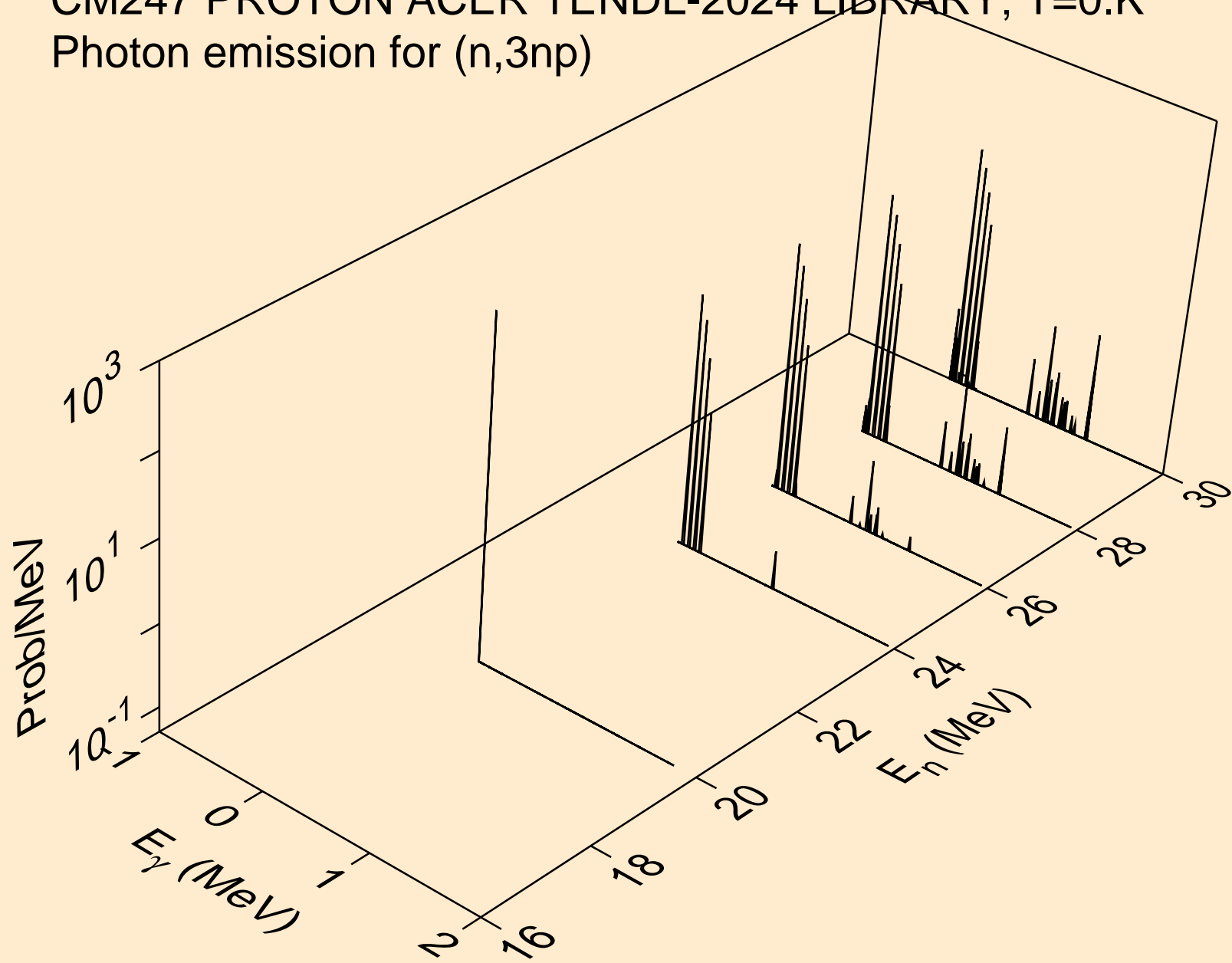
CM247 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



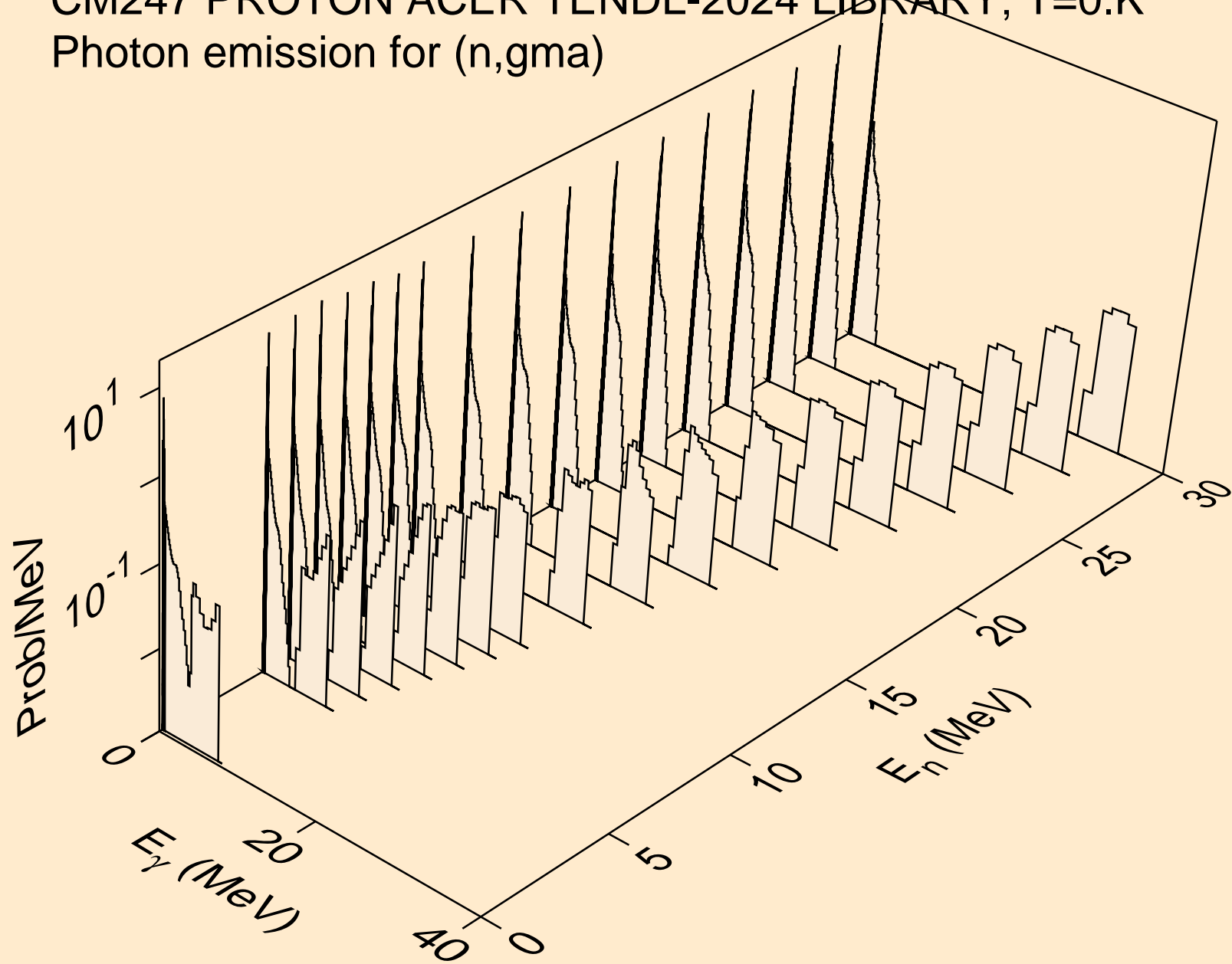
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Photon emission for (n,2np)



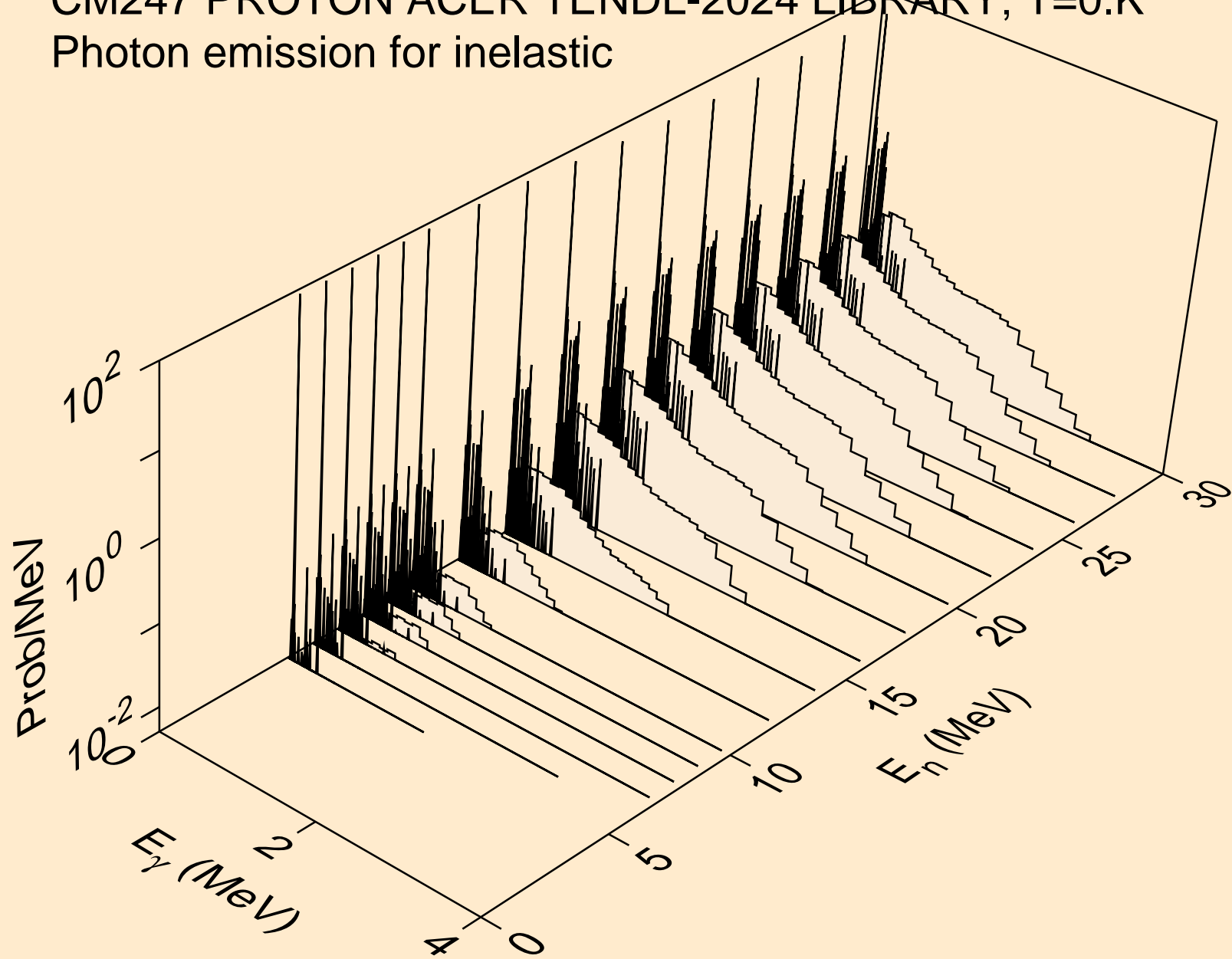
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Photon emission for (n,3np)



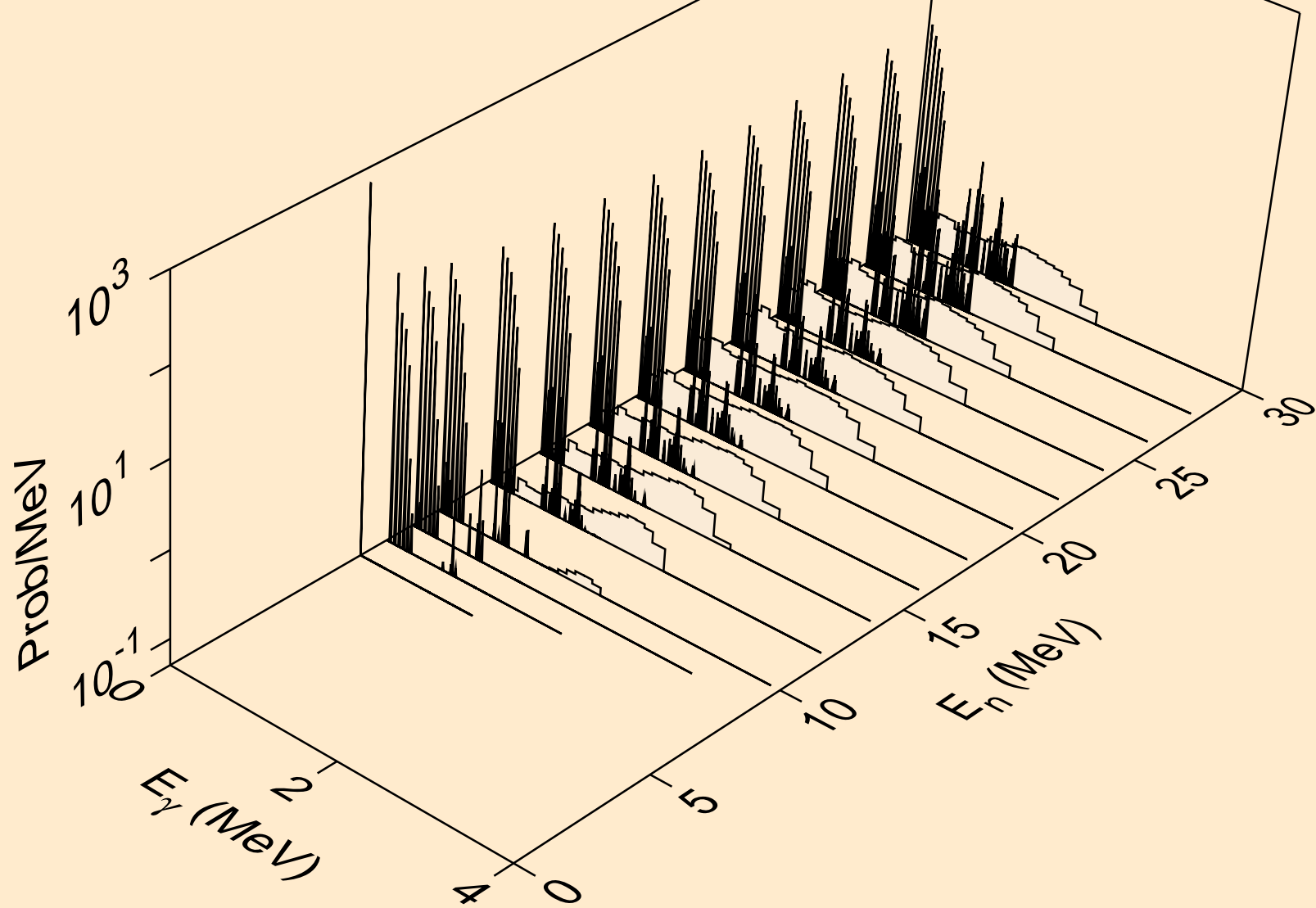
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Photon emission for (n,gma)



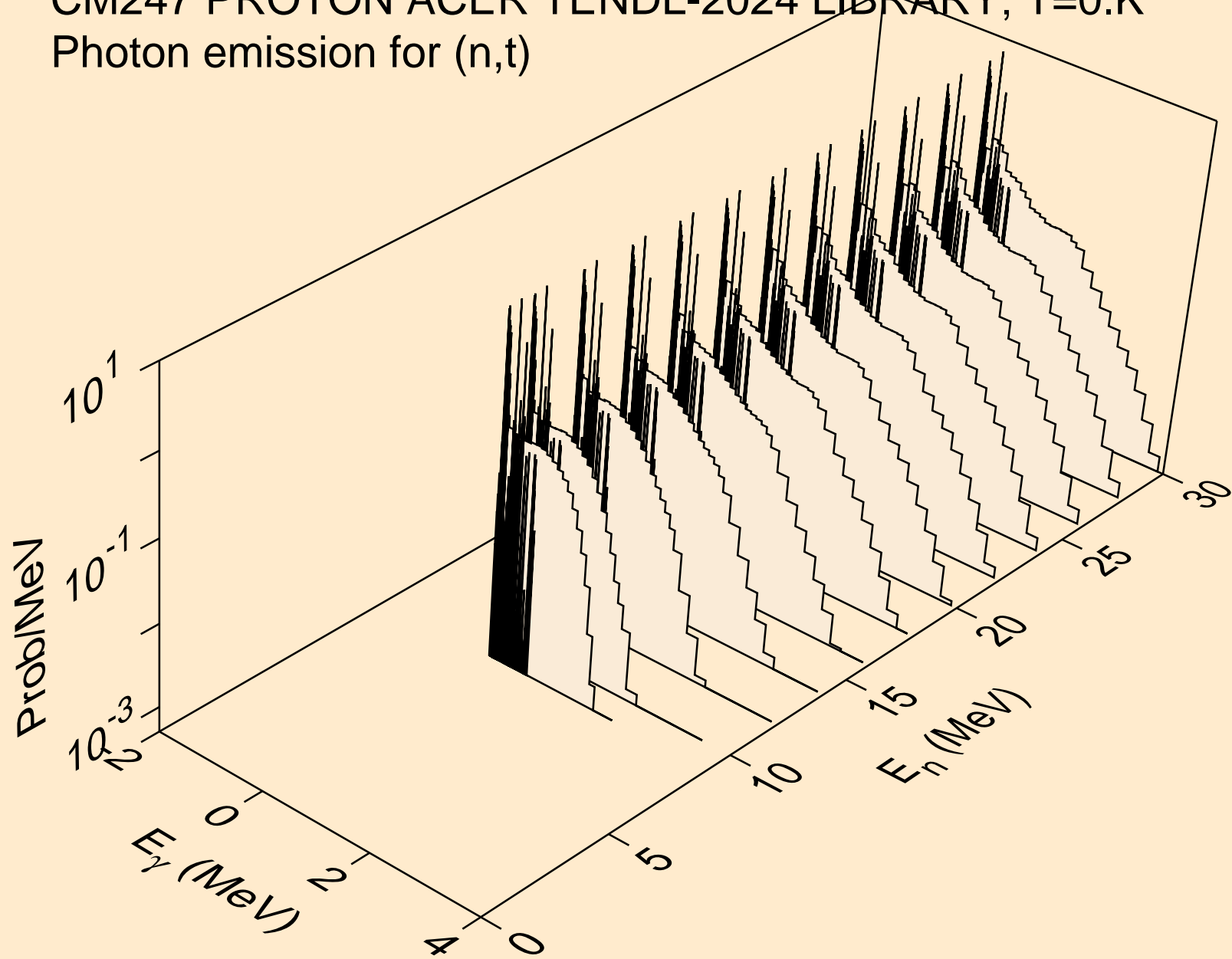
CM247 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic



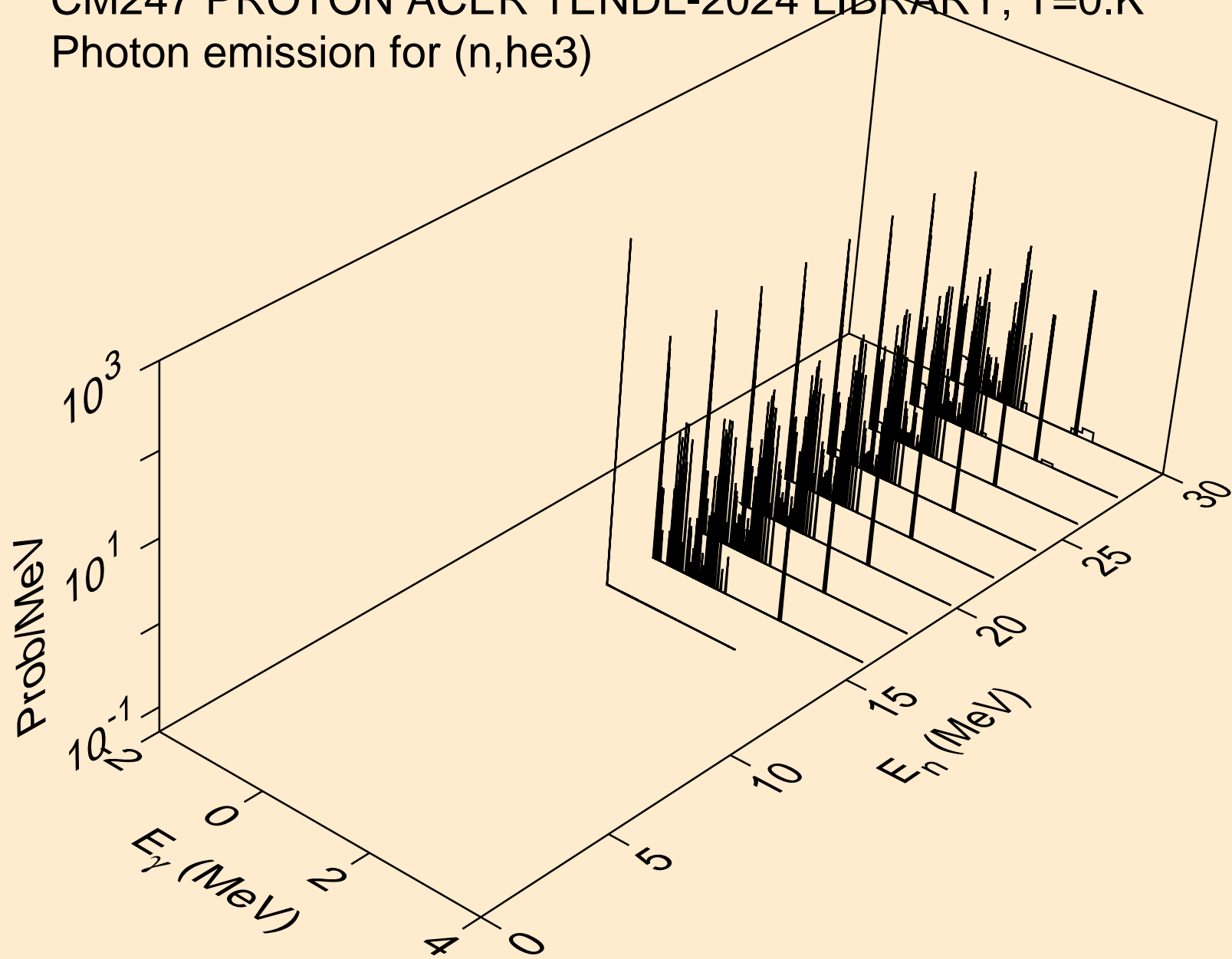
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Photon emission for (n,d)



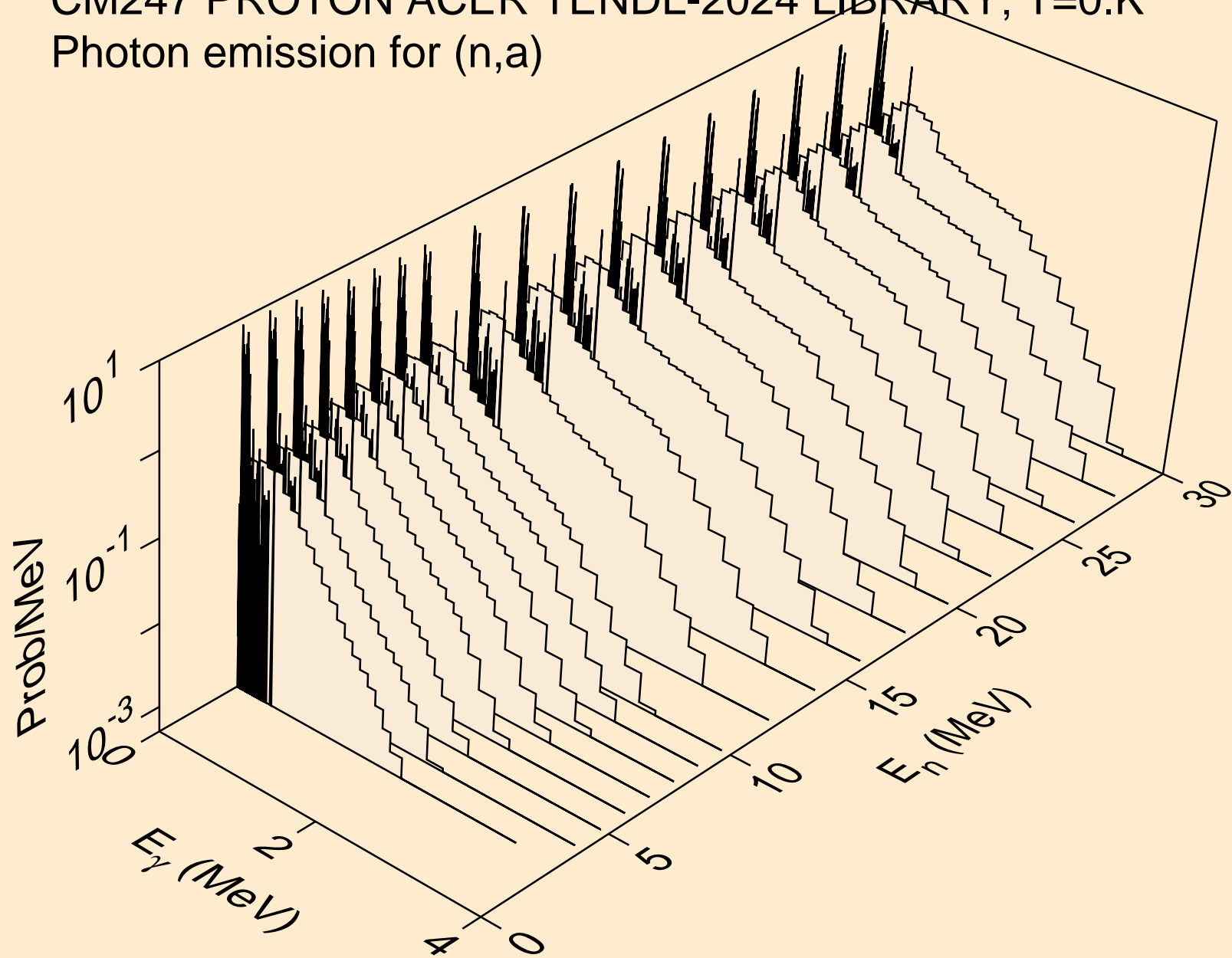
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Photon emission for (n,t)



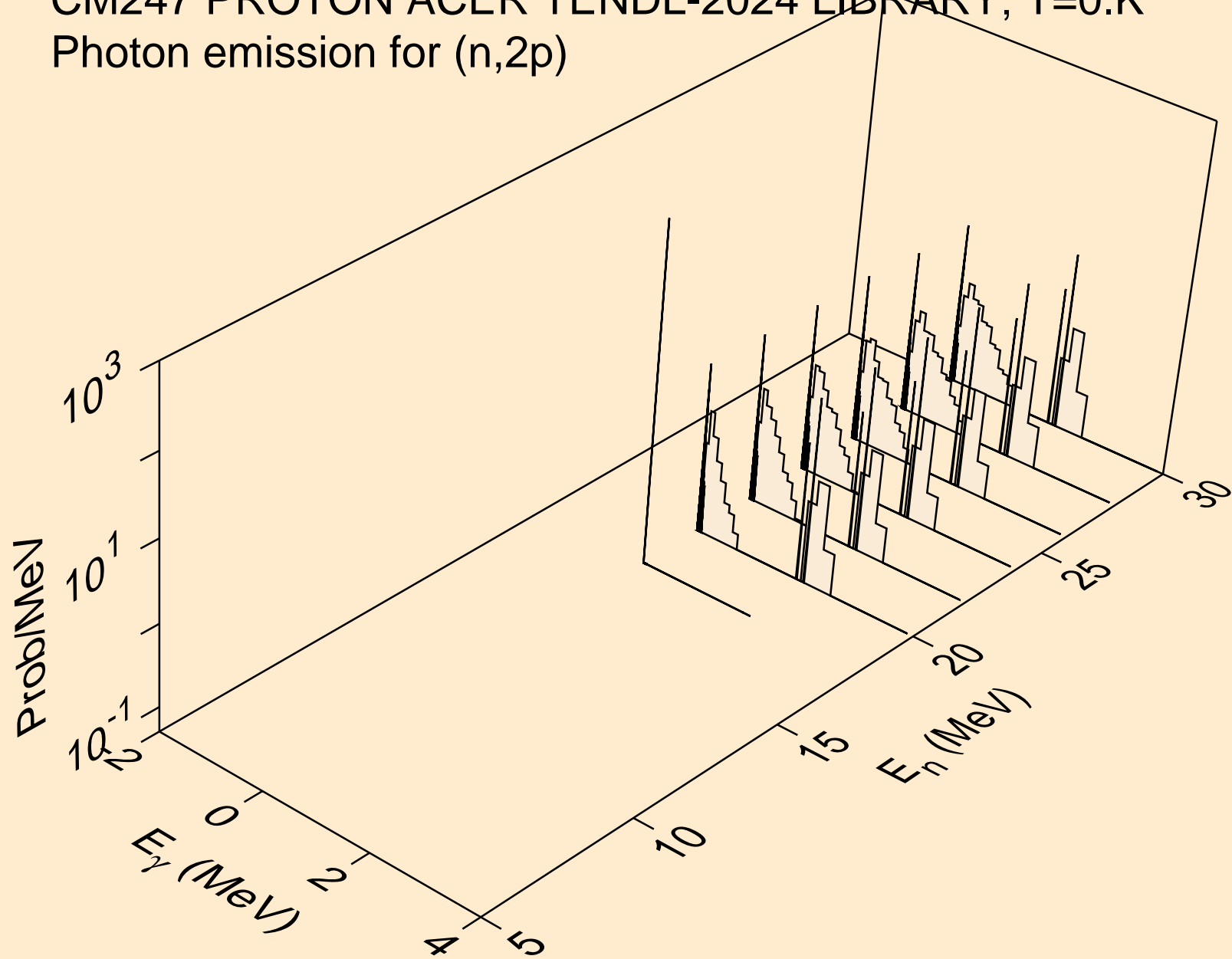
CM247 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



CM247 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,a)

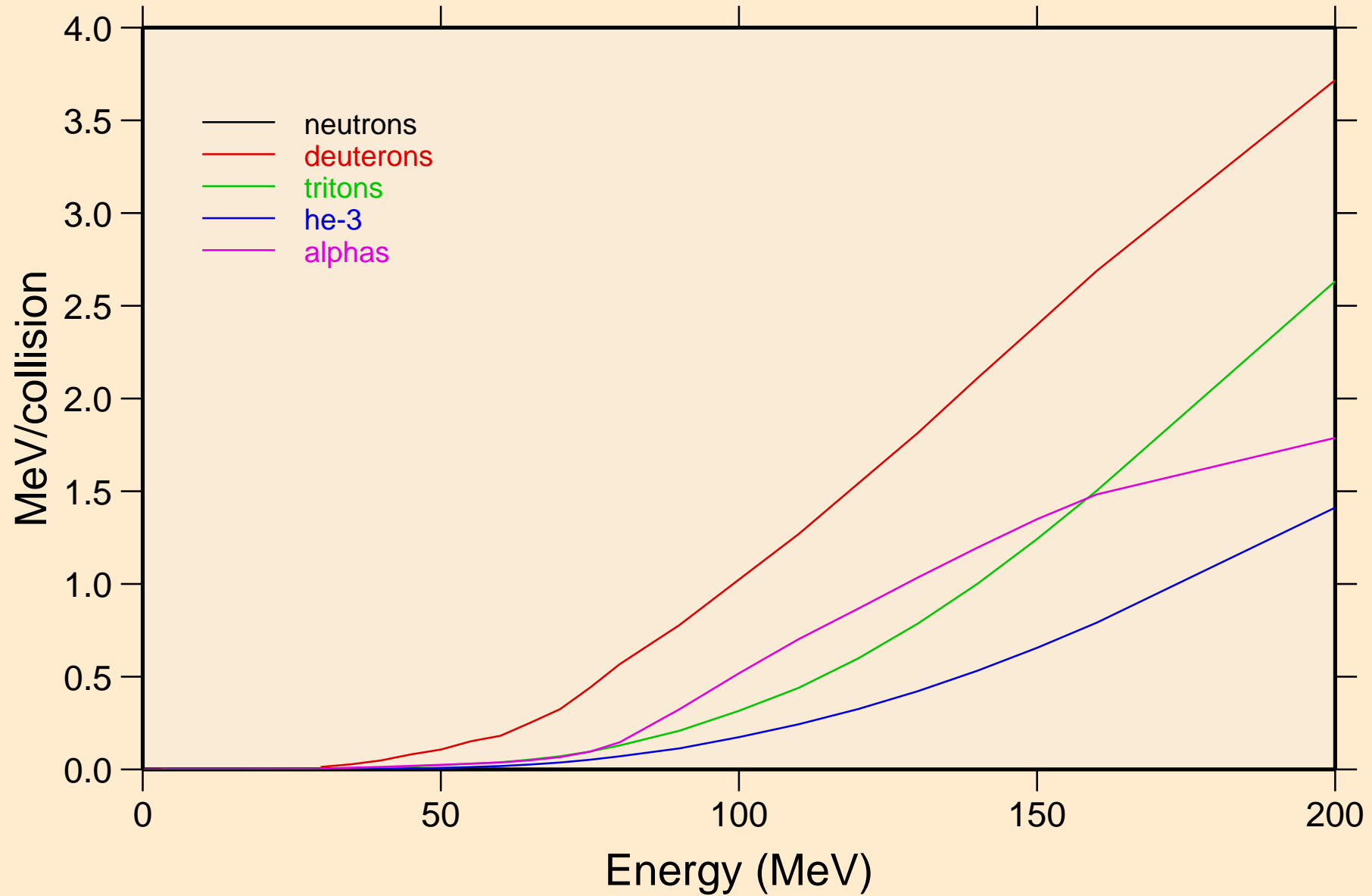


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Photon emission for (n,2p)

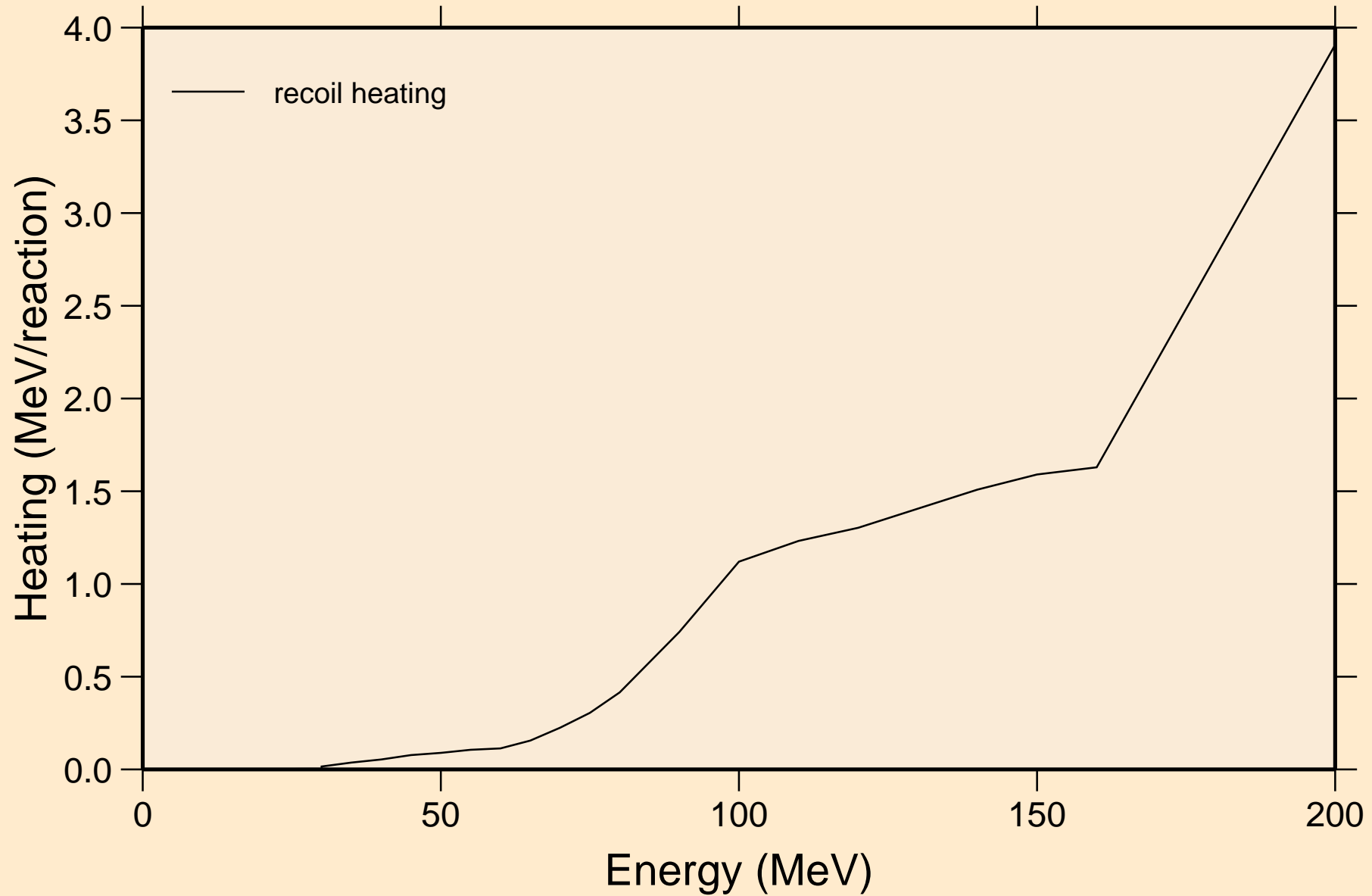


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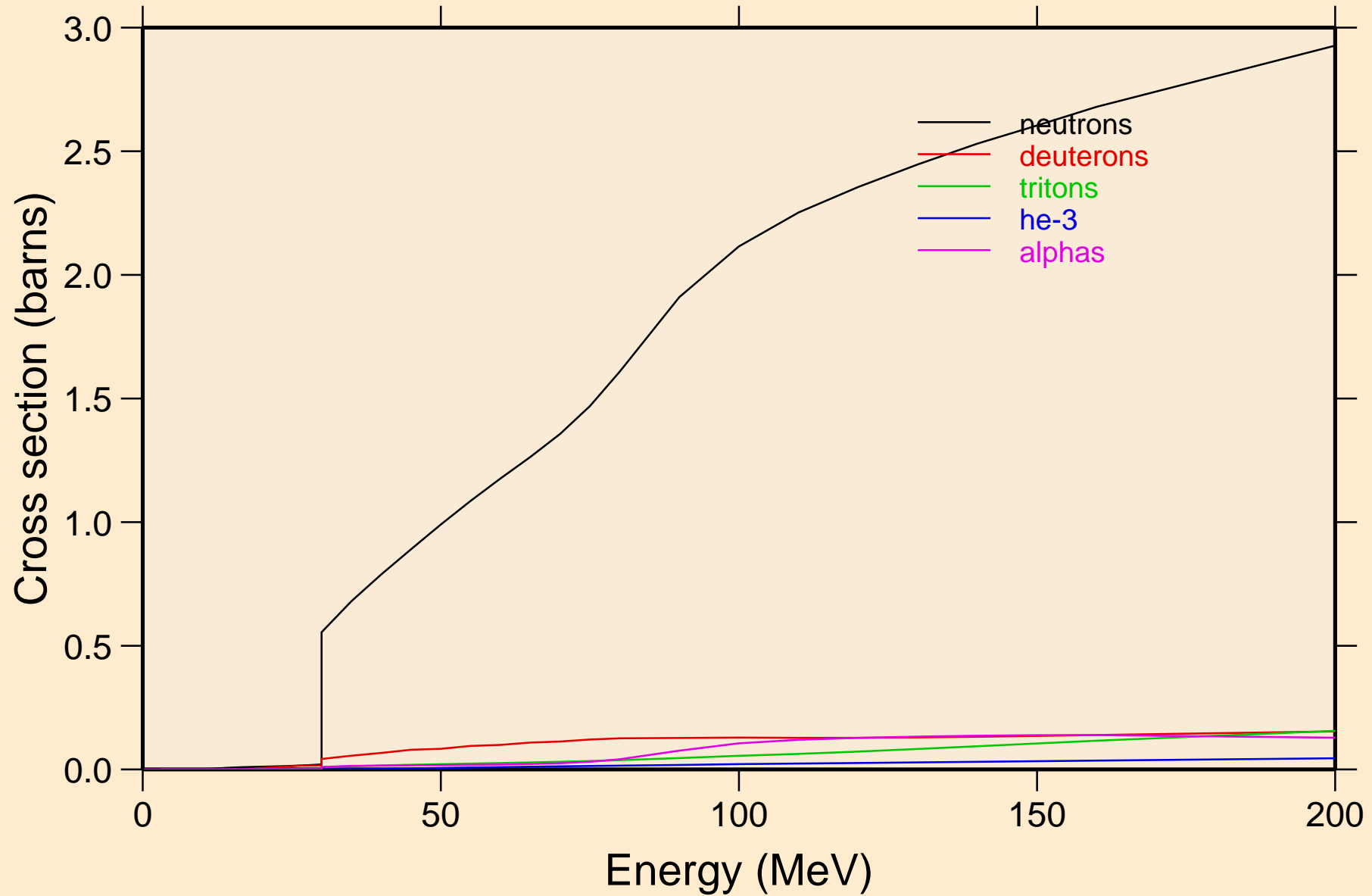
## Particle heating contributions



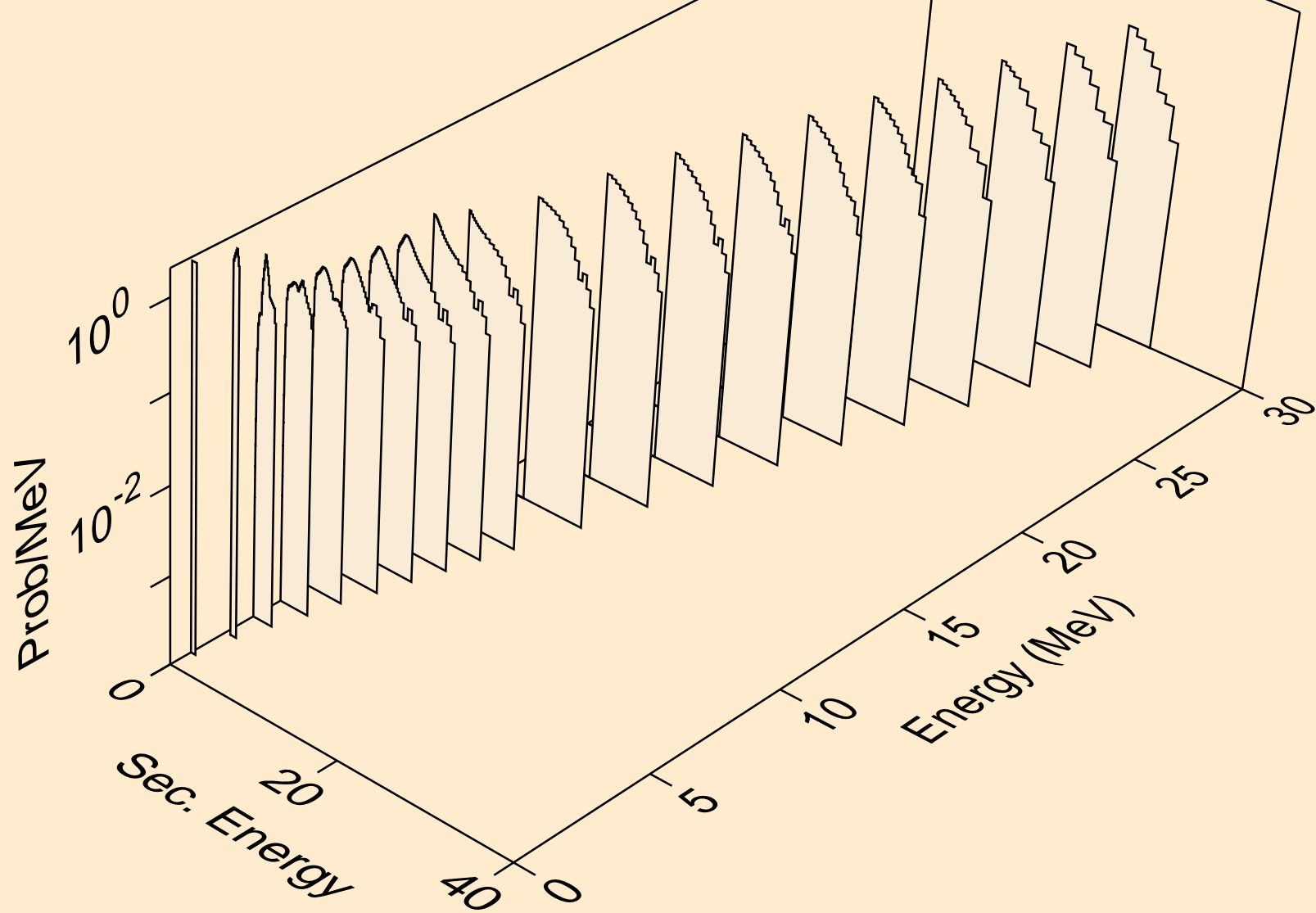
CM247 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating



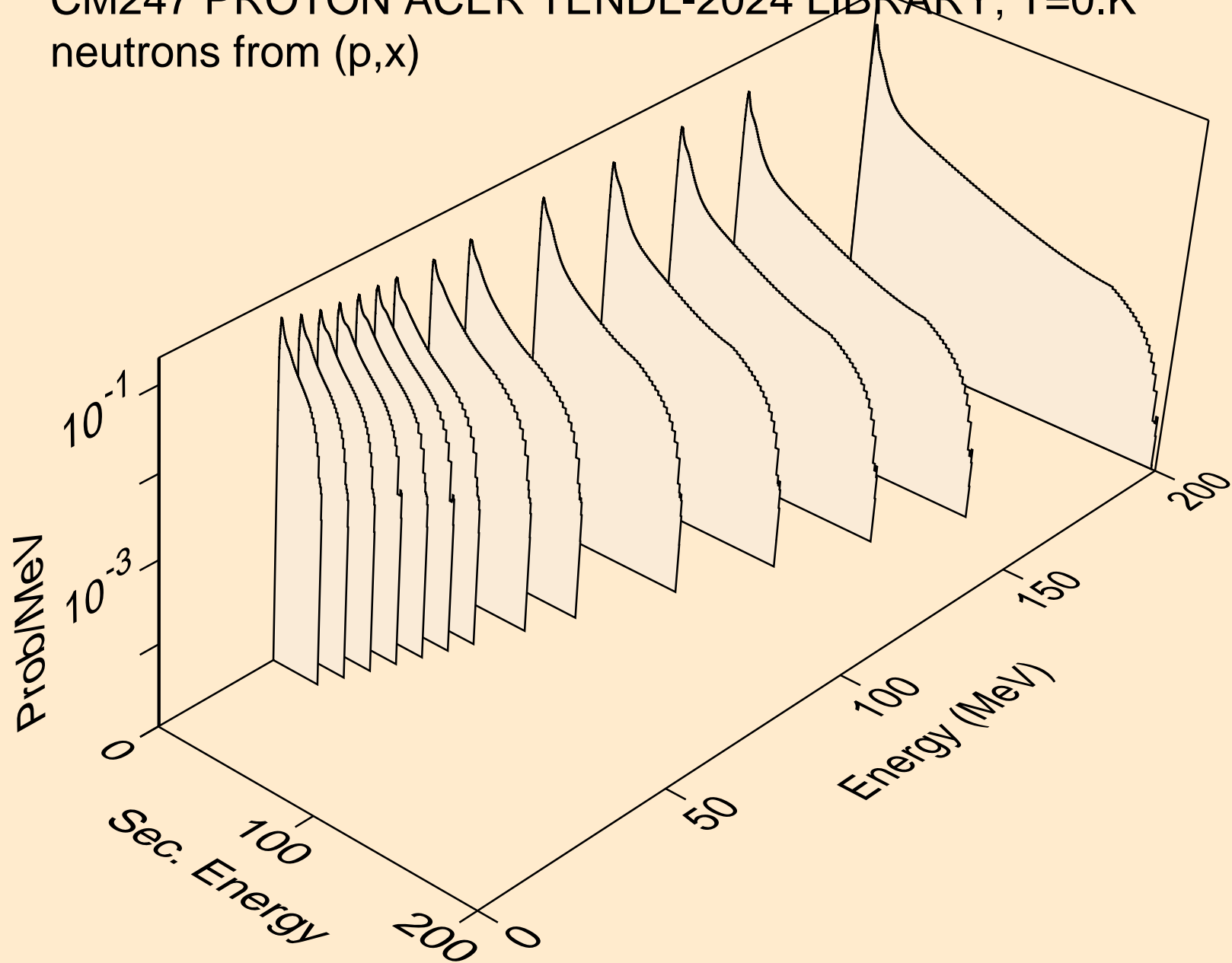
CM247 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



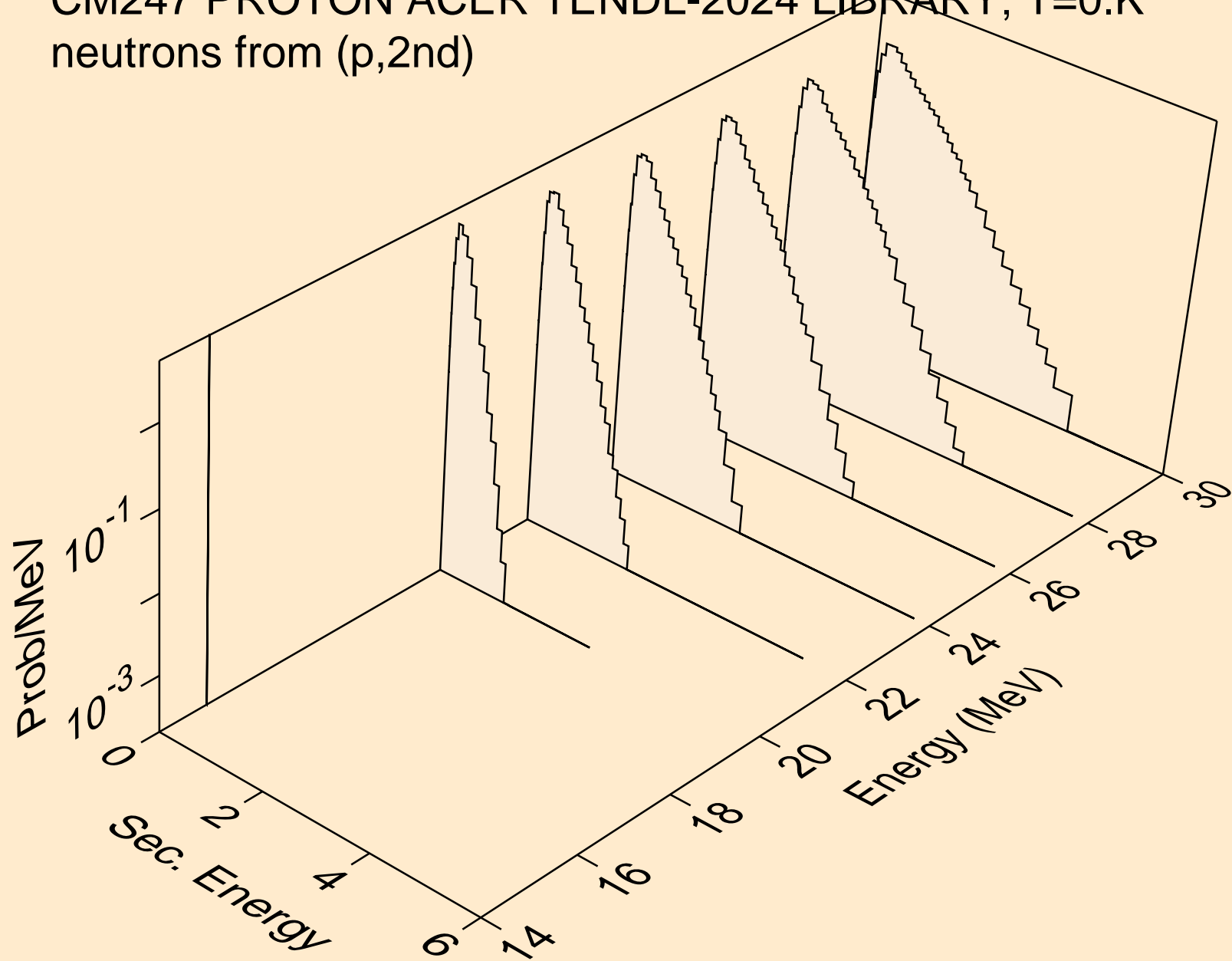
CM247 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n)



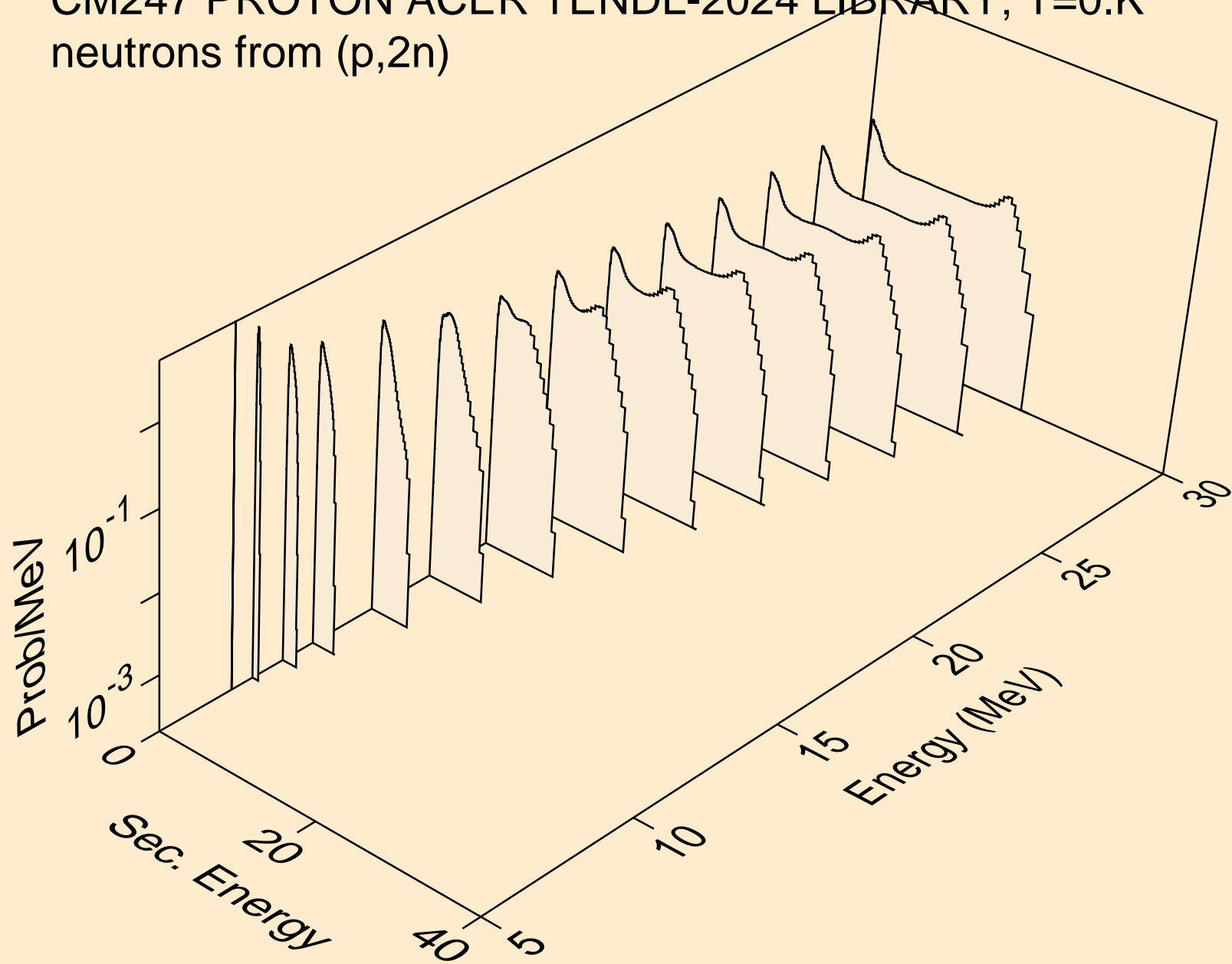
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neutrons from (p,x)



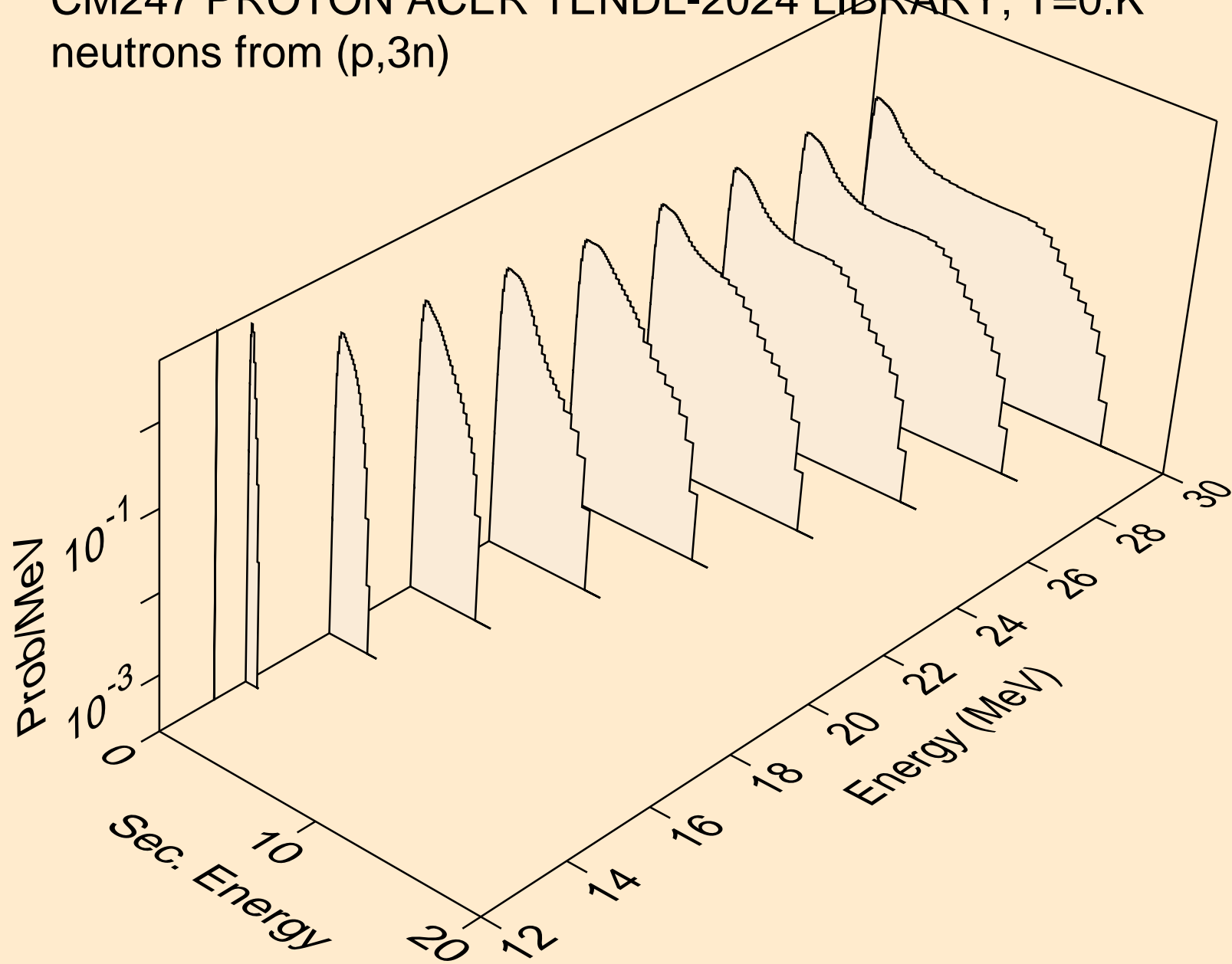
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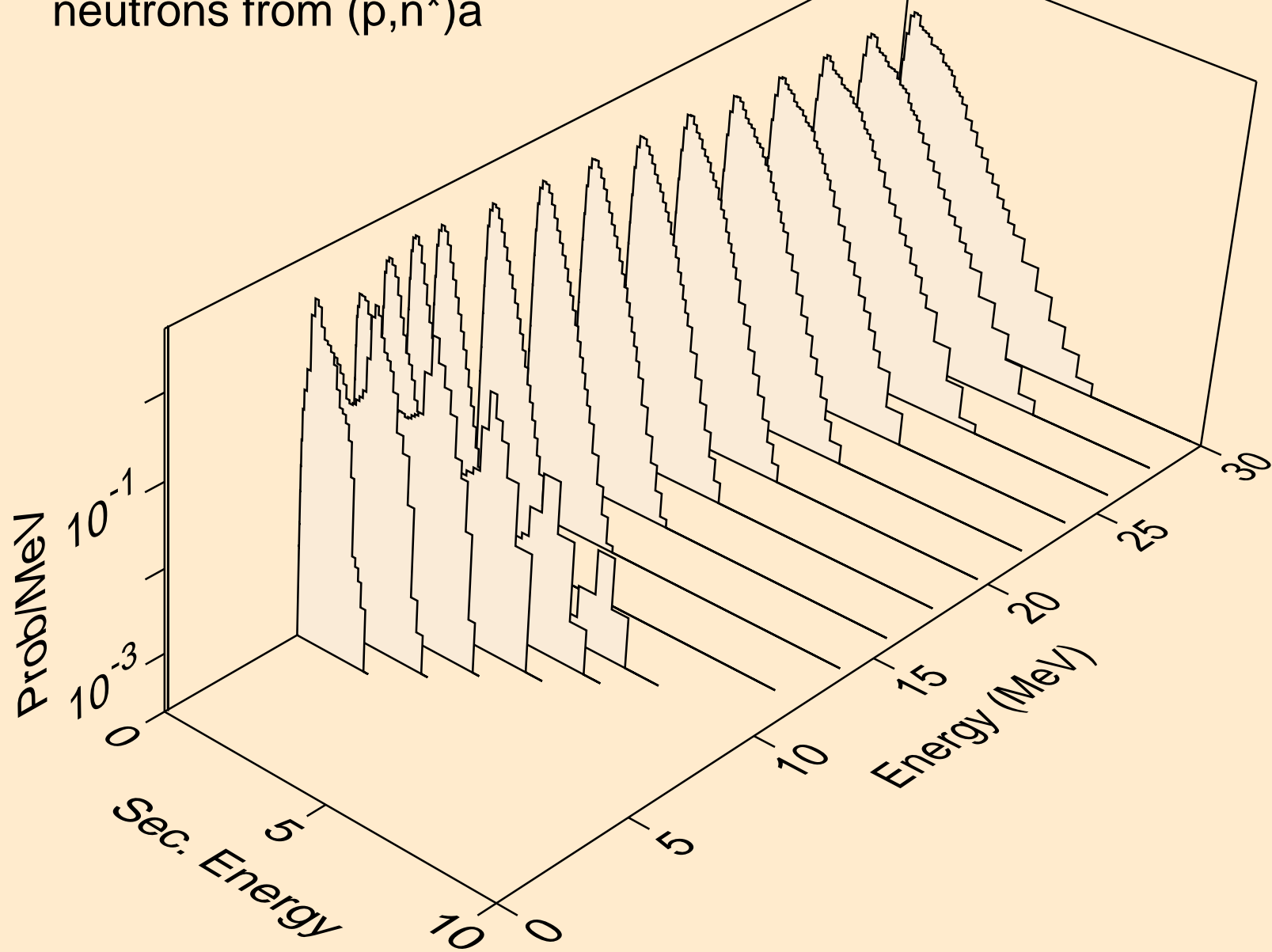
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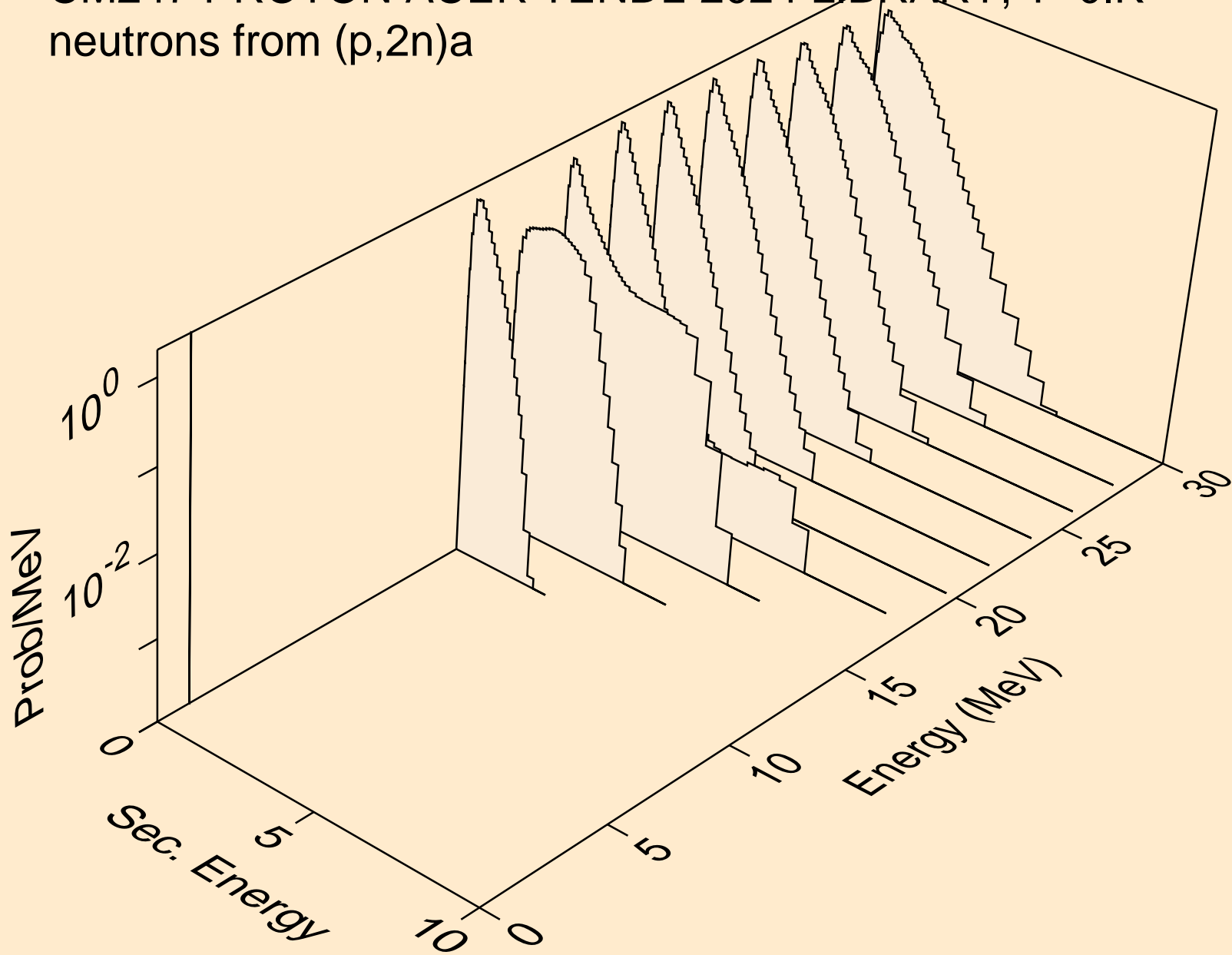
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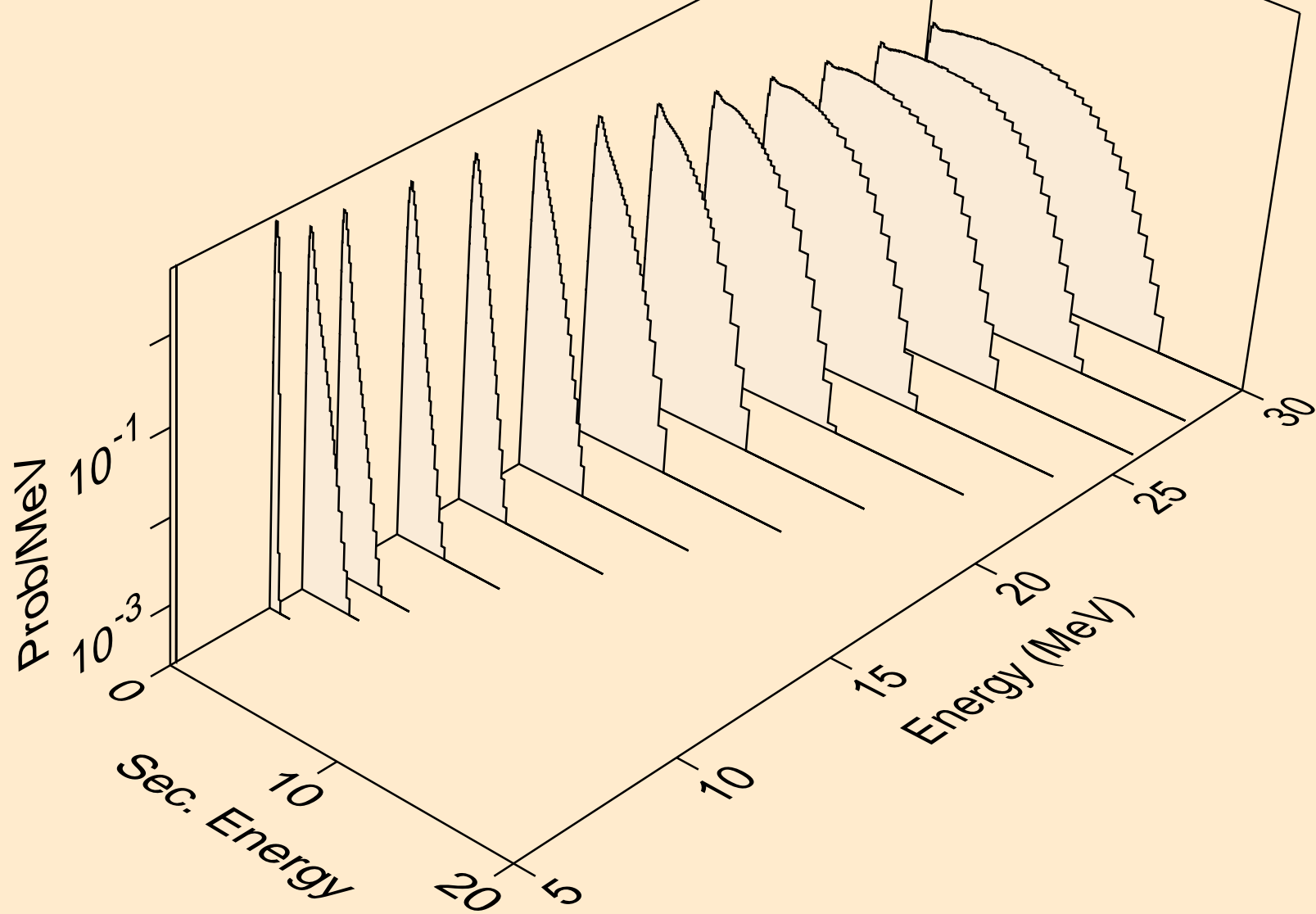
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neutrons from (p,n\*)a



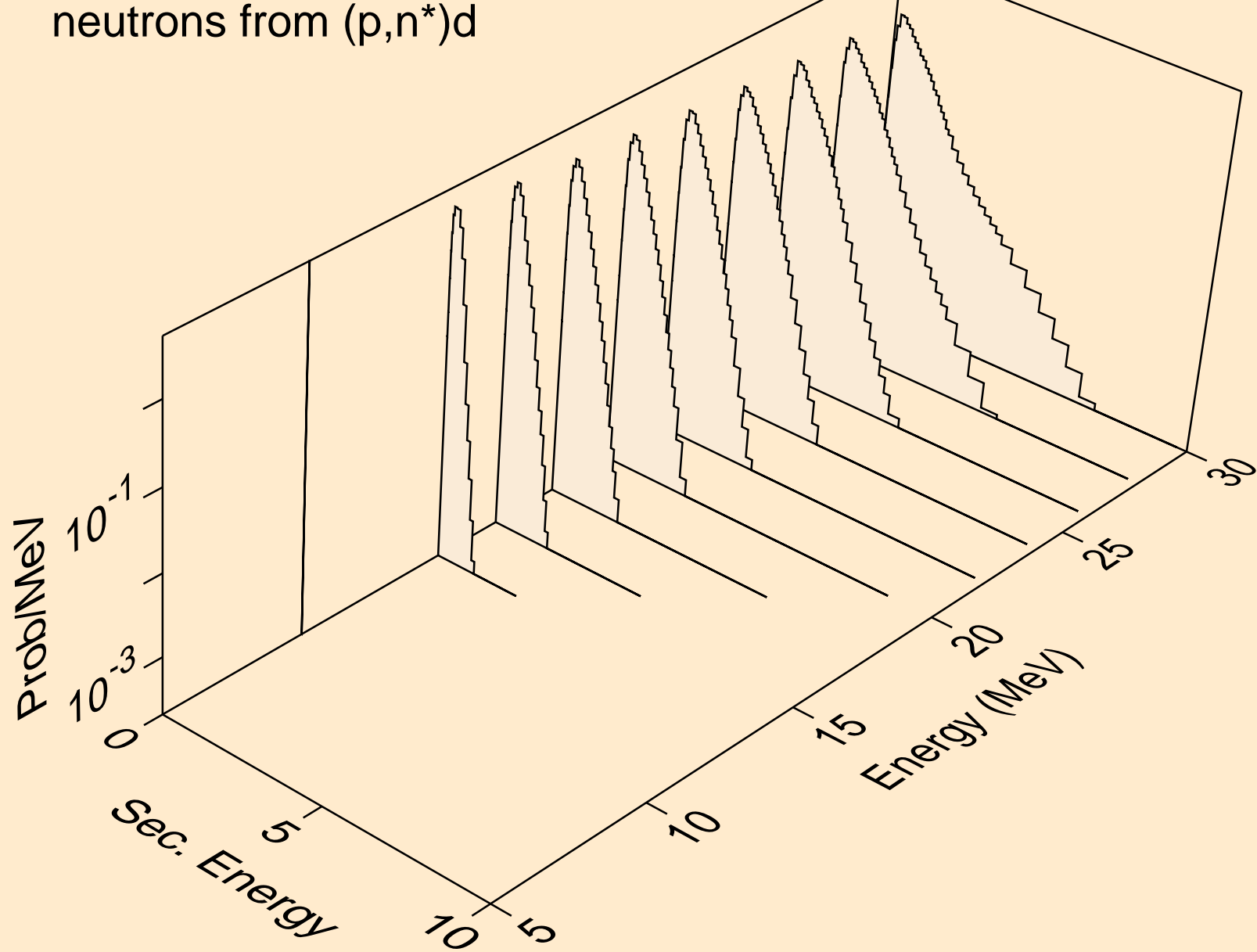
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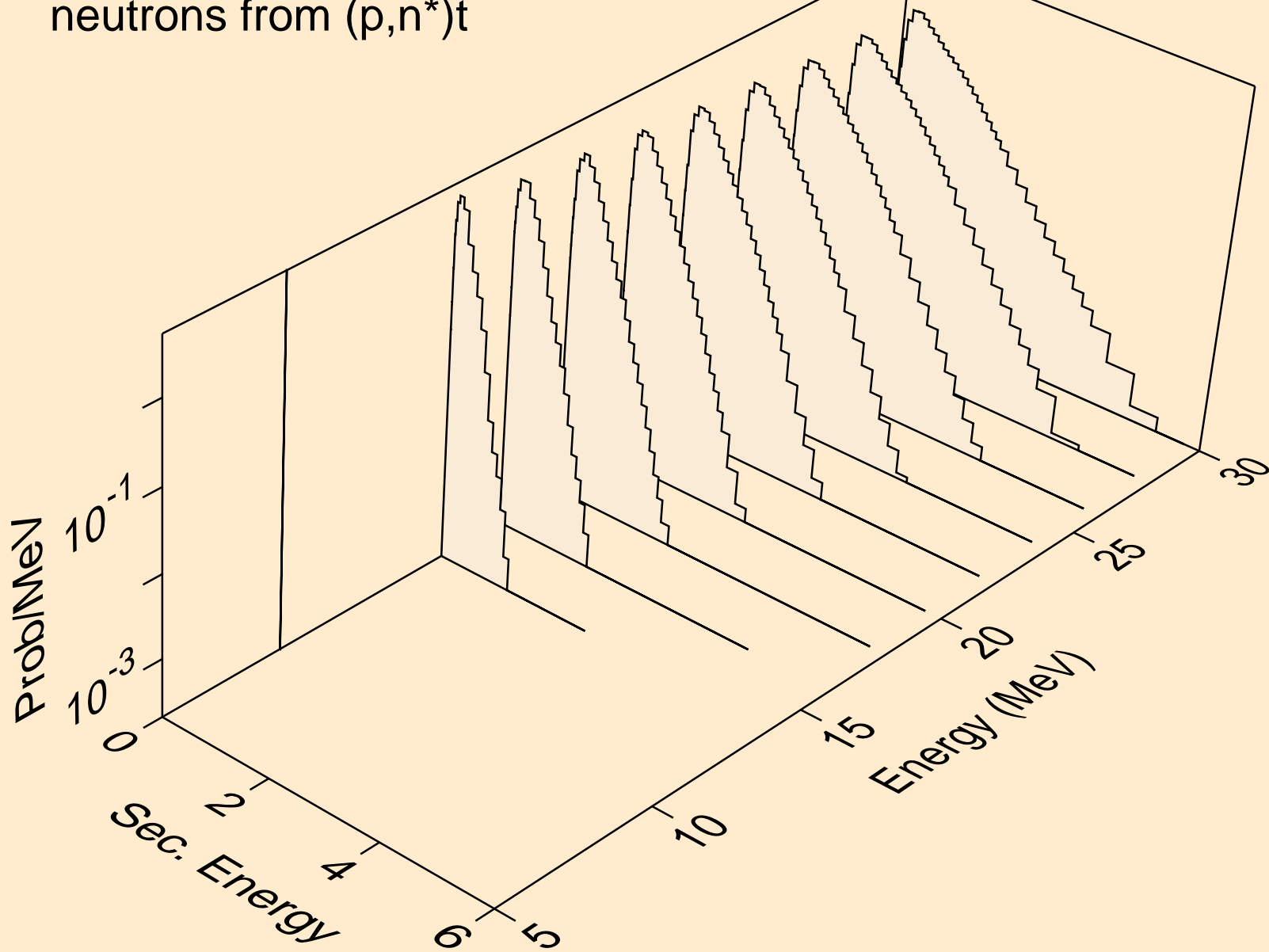
CM247 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)p



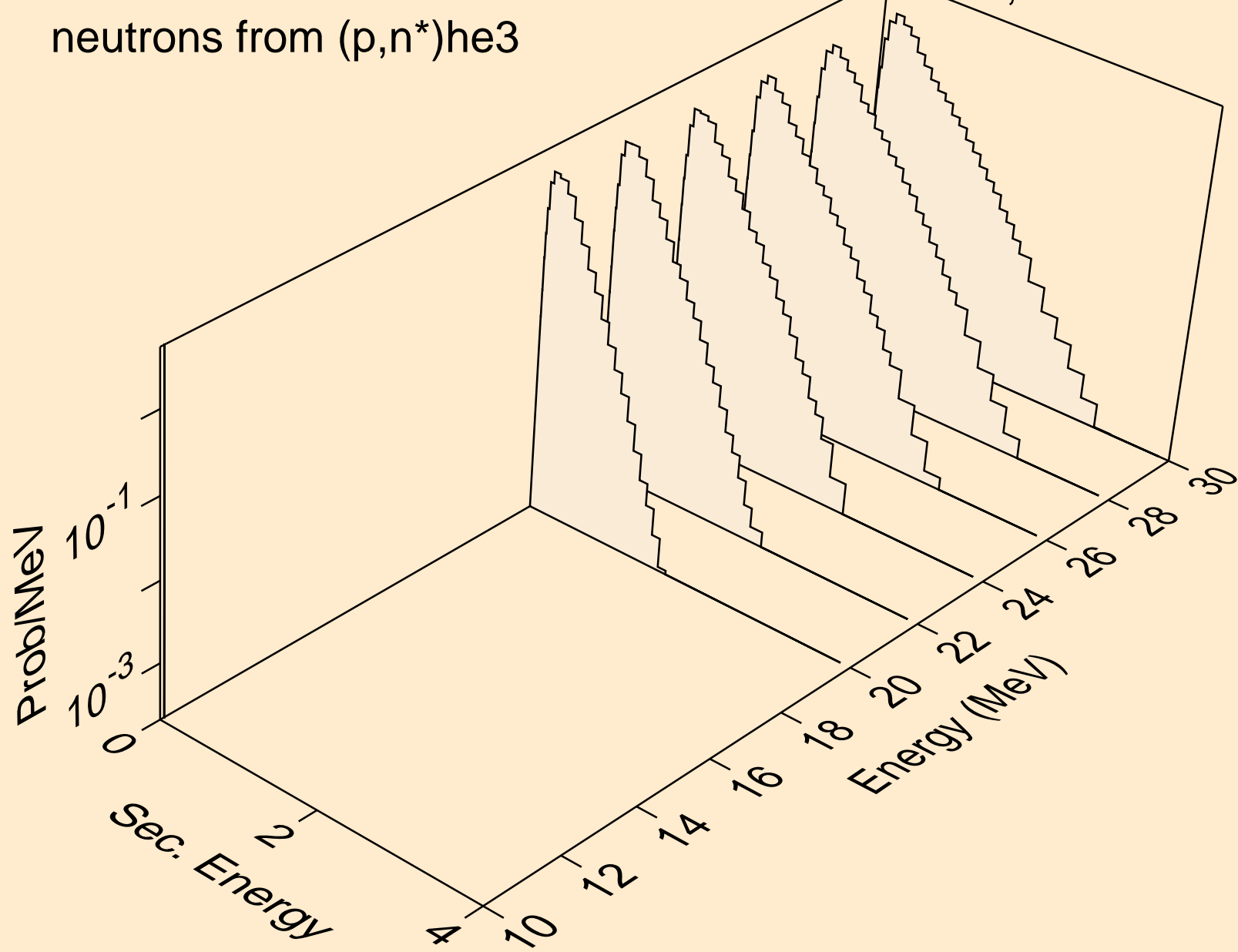
CM247 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)d



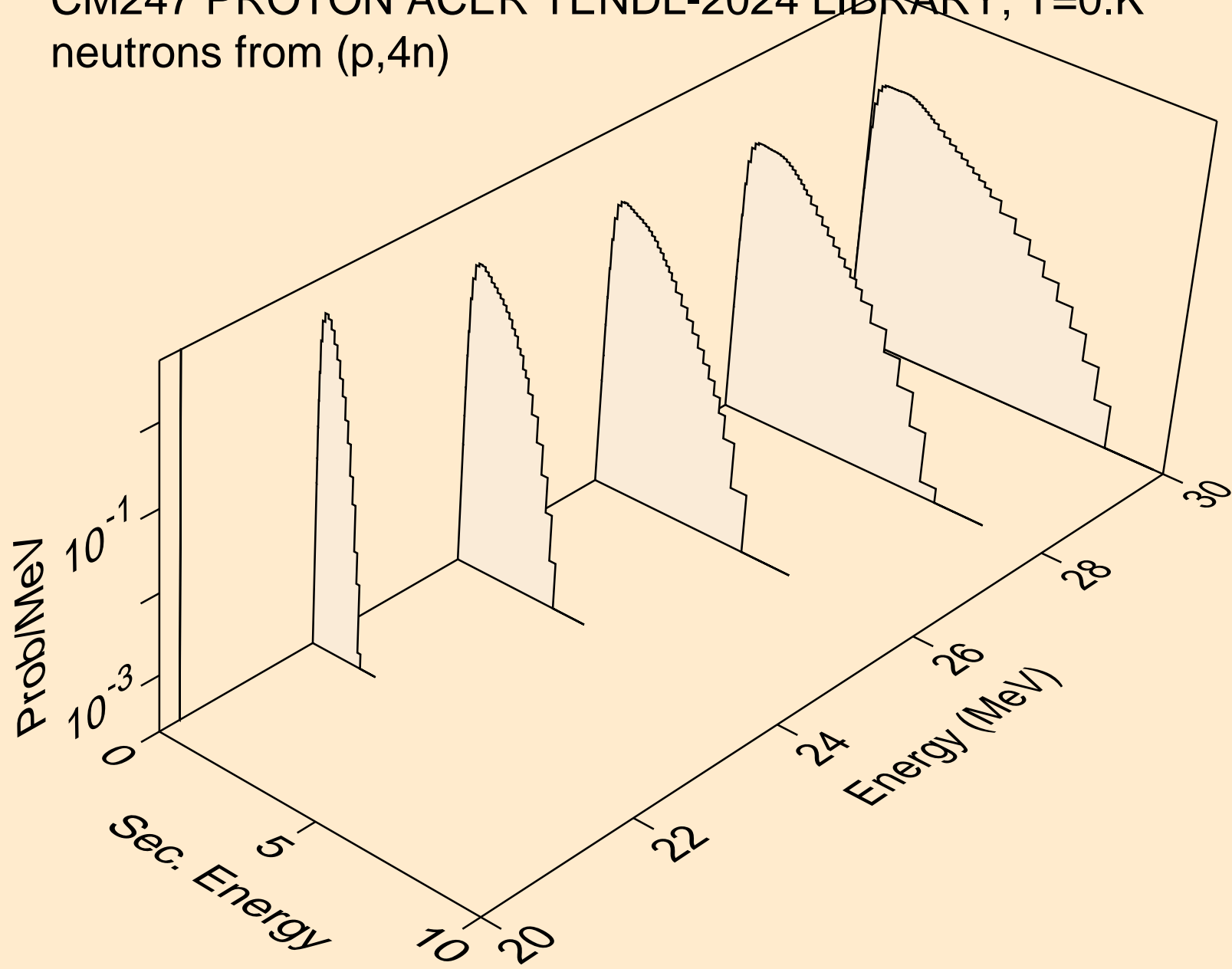
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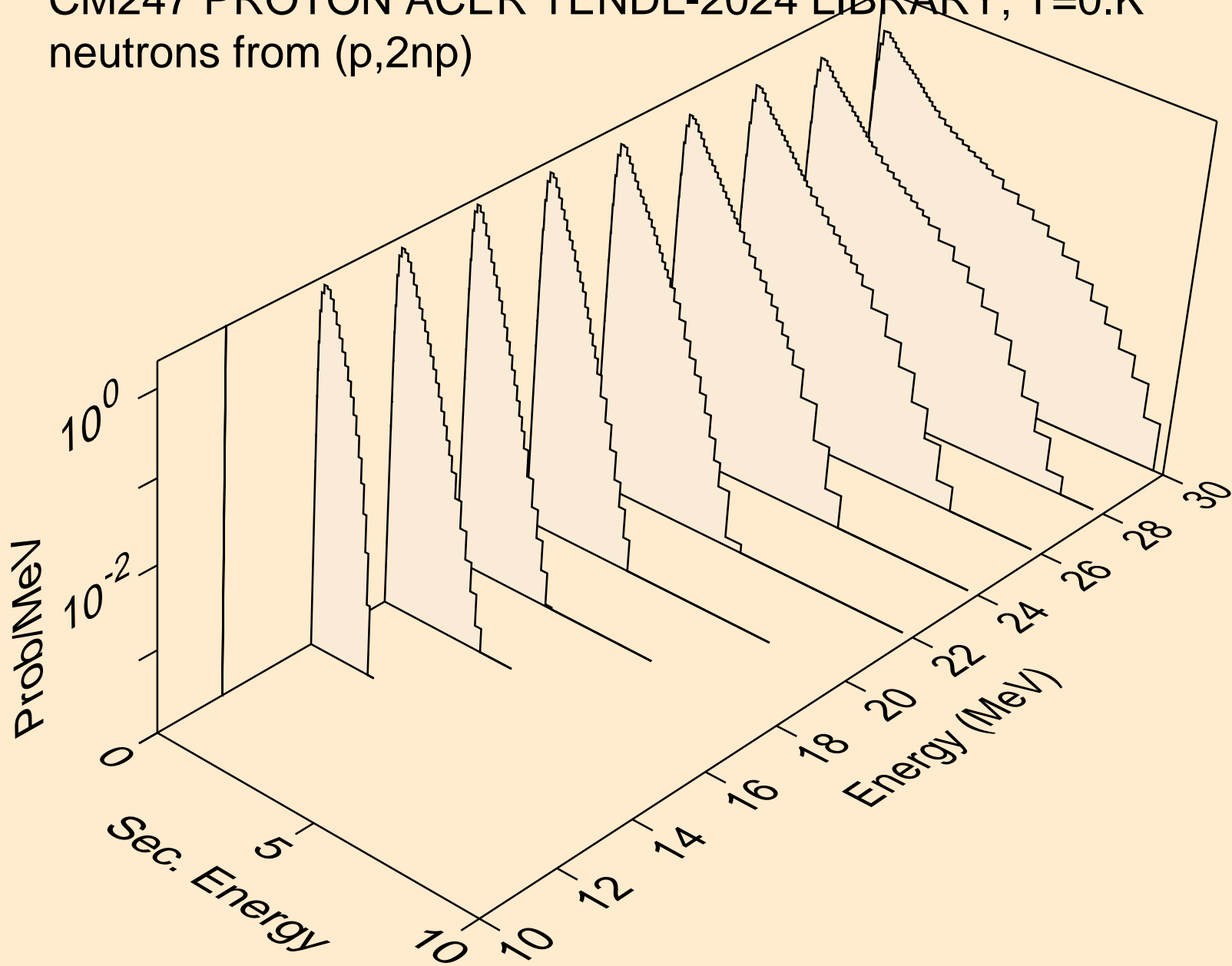
CM247 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,n\*)he3



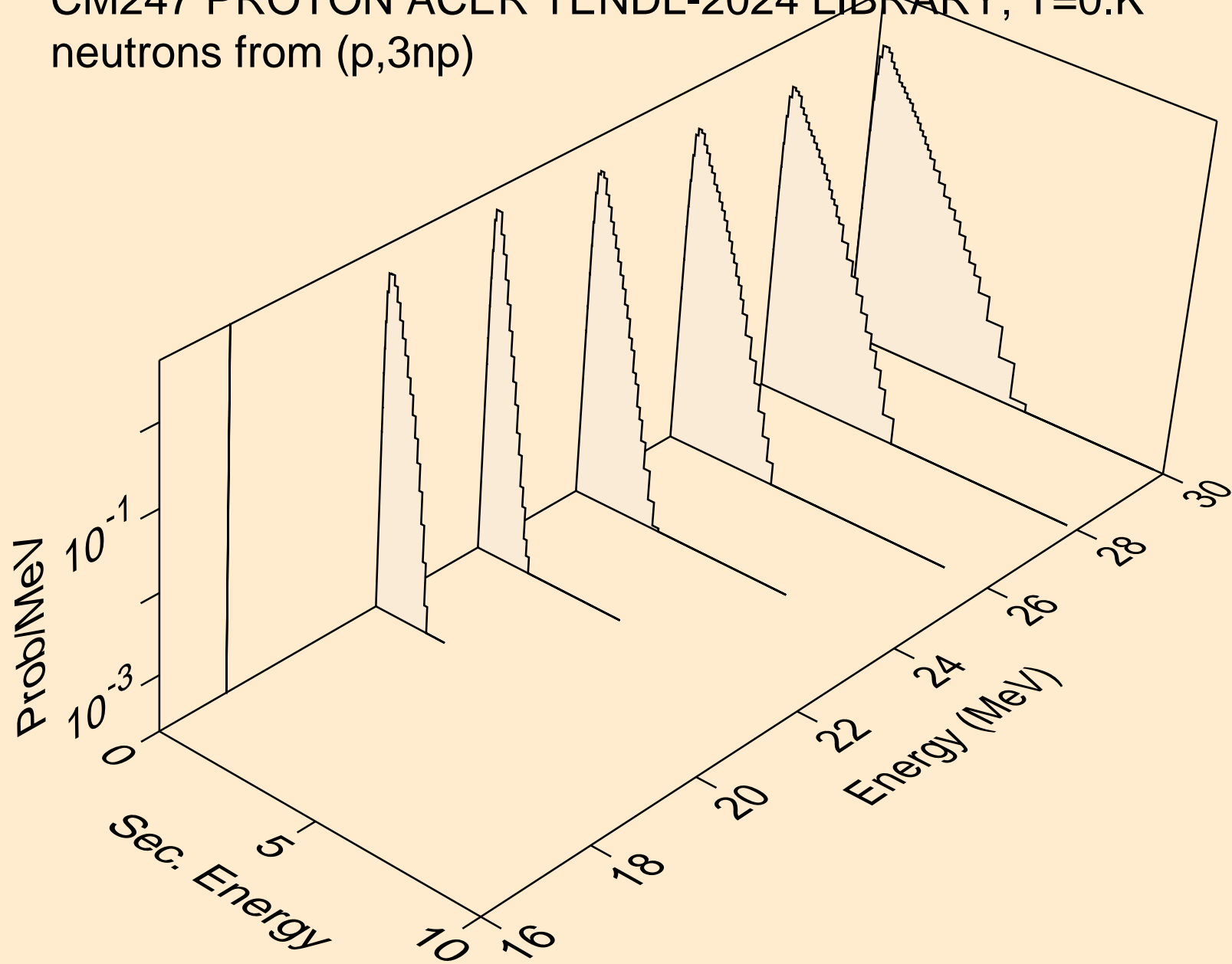
CM247 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (p,4n)



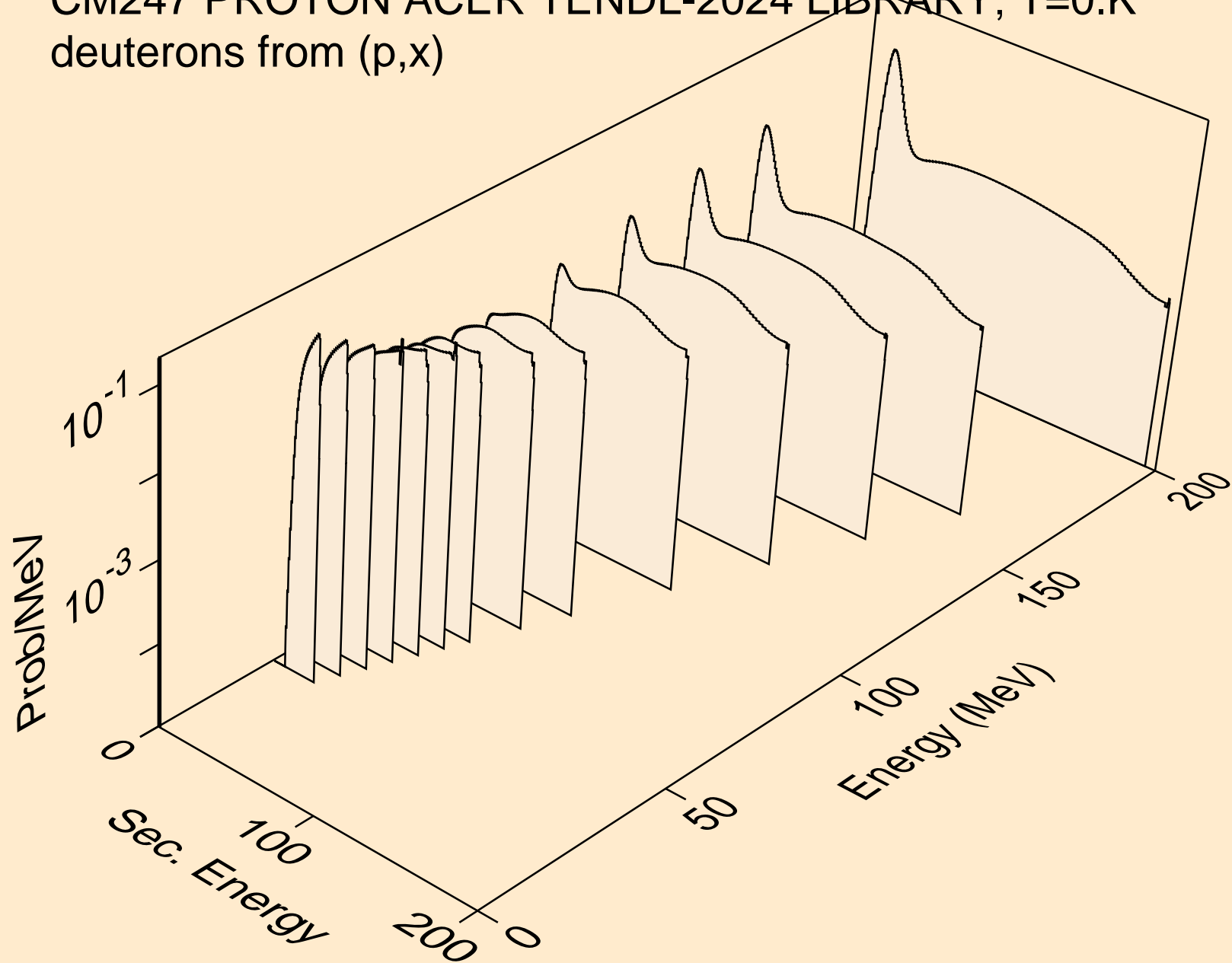
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neutrons from (p,2np)



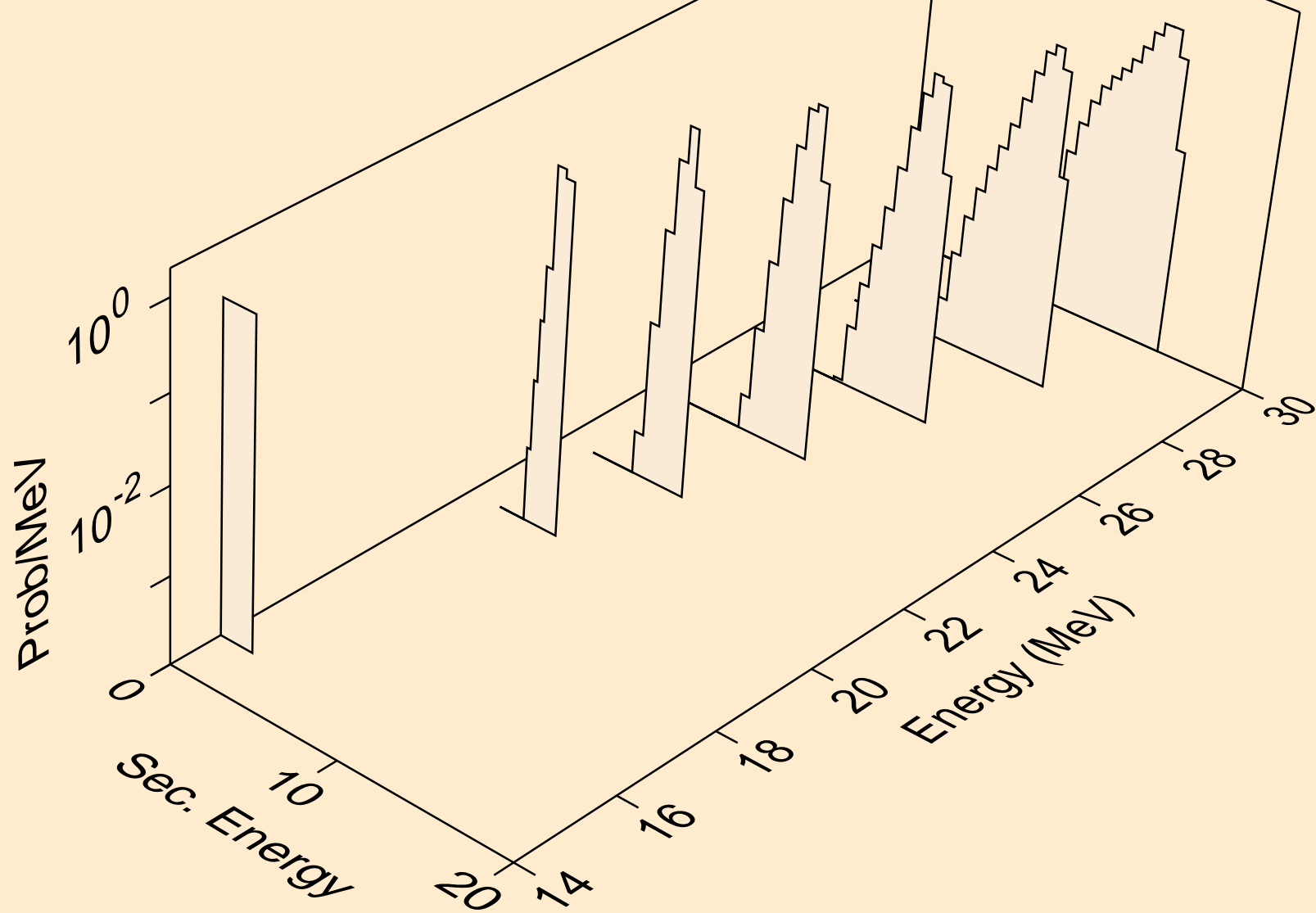
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neutrons from (p,3np)



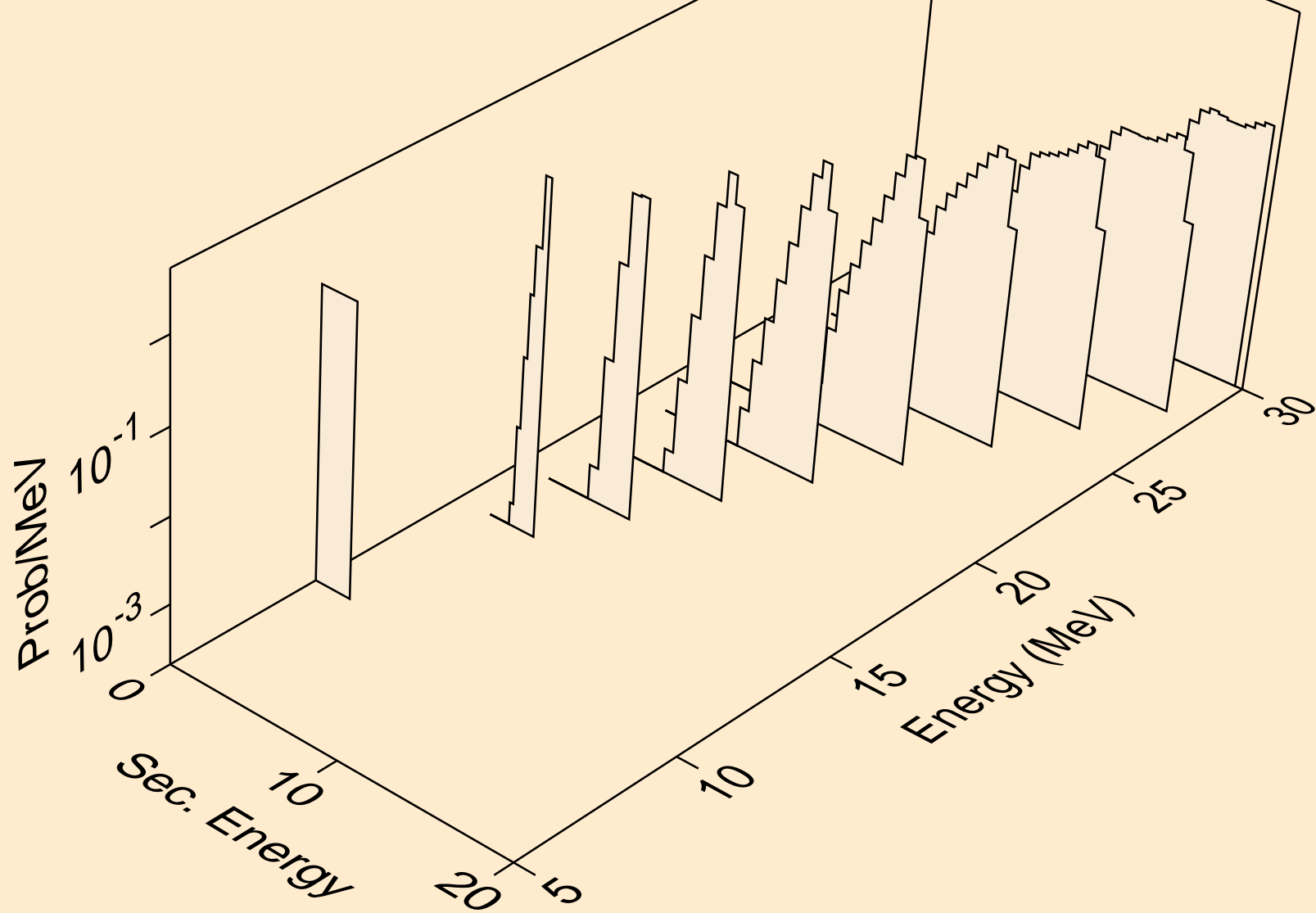
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deuterons from (p,x)



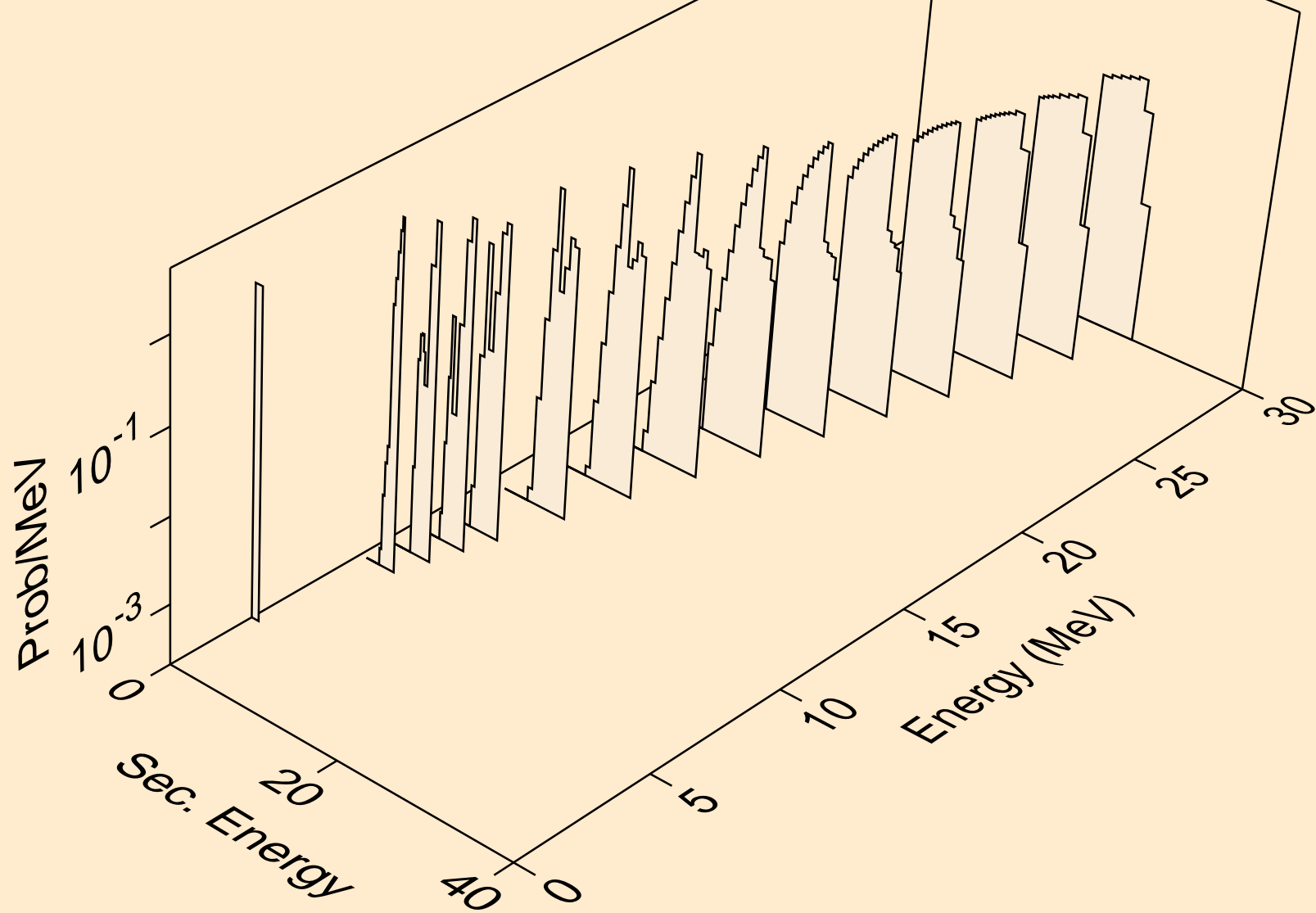
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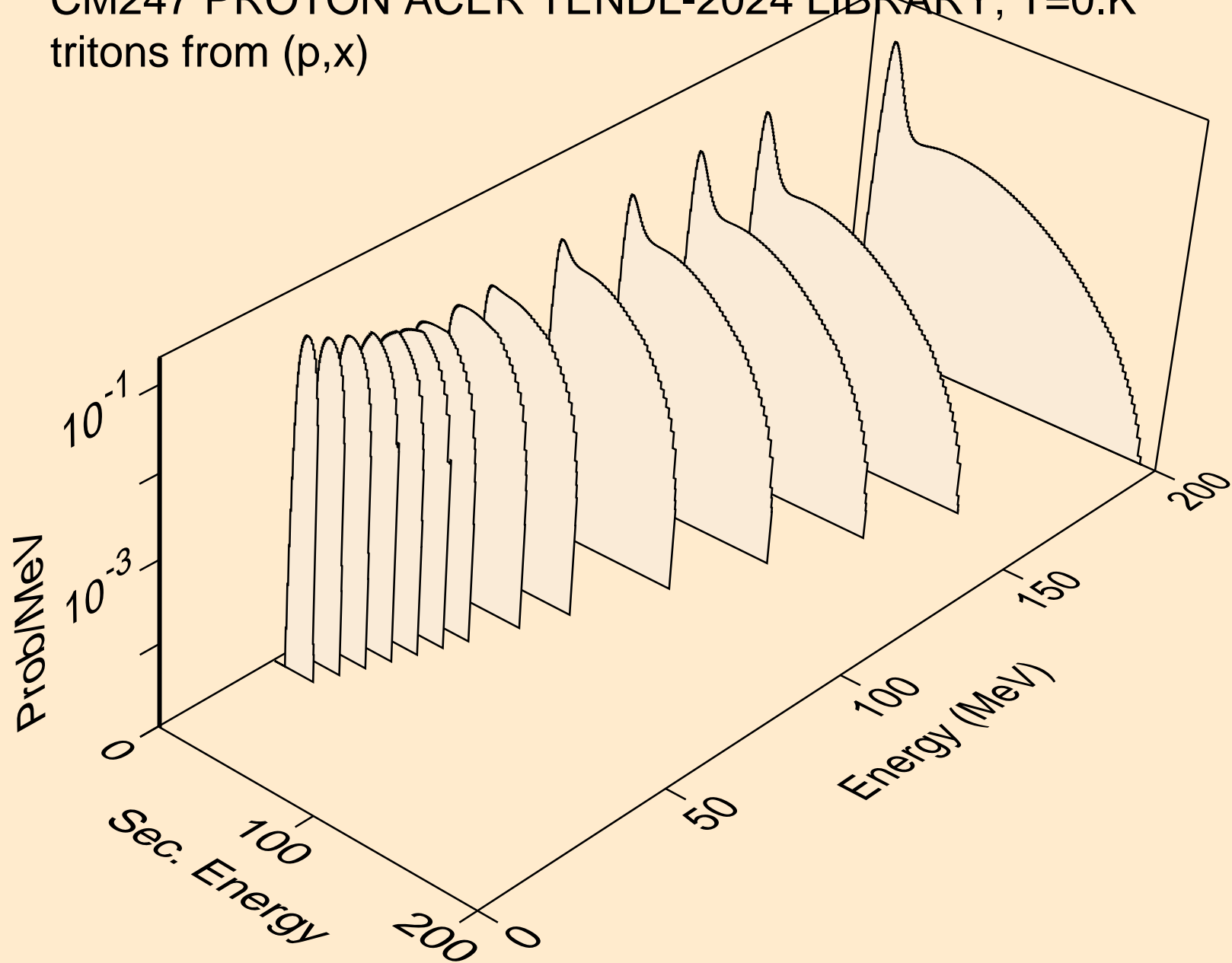
CM247 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (p,n\*)d



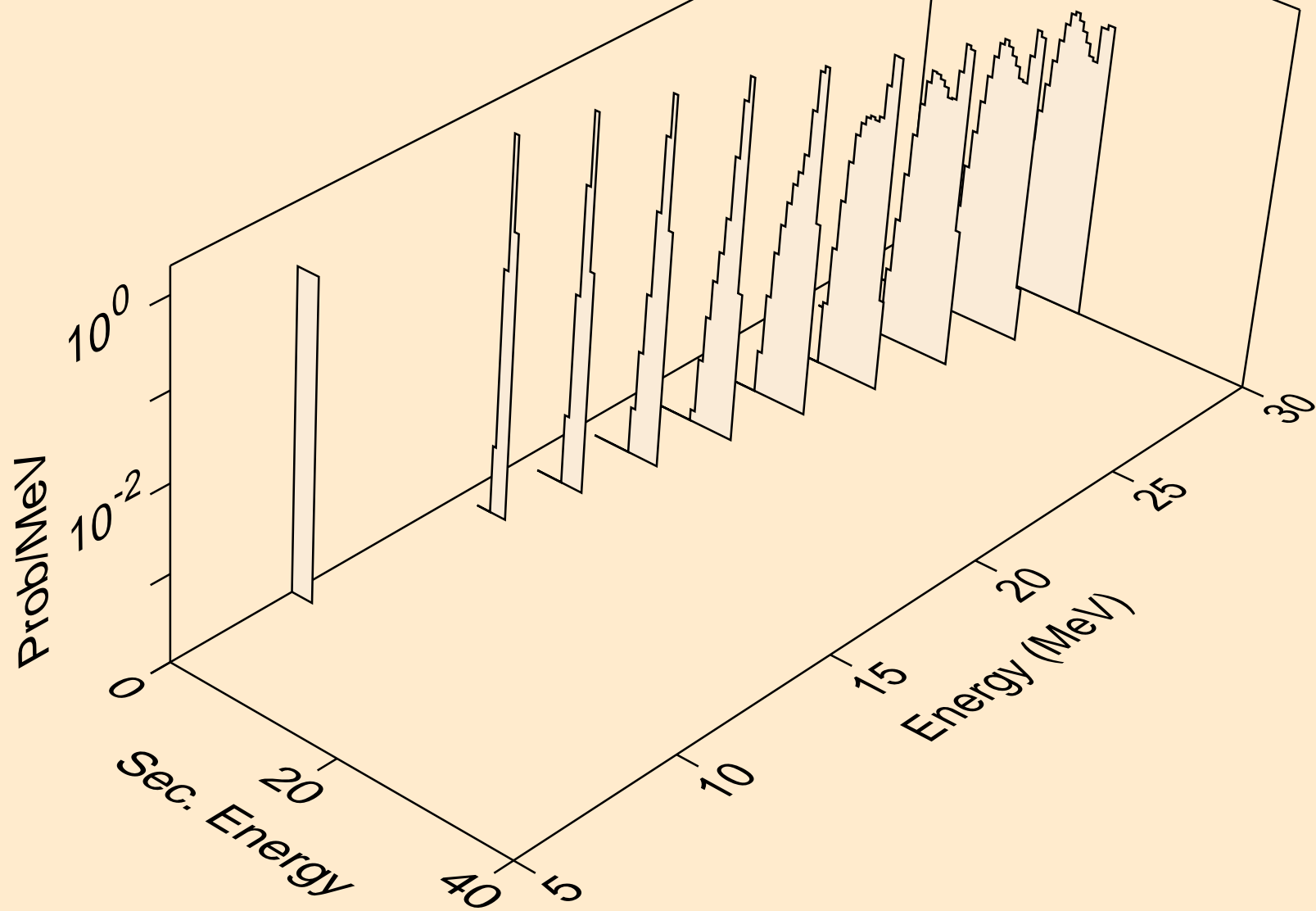
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deuterons from (p,d)



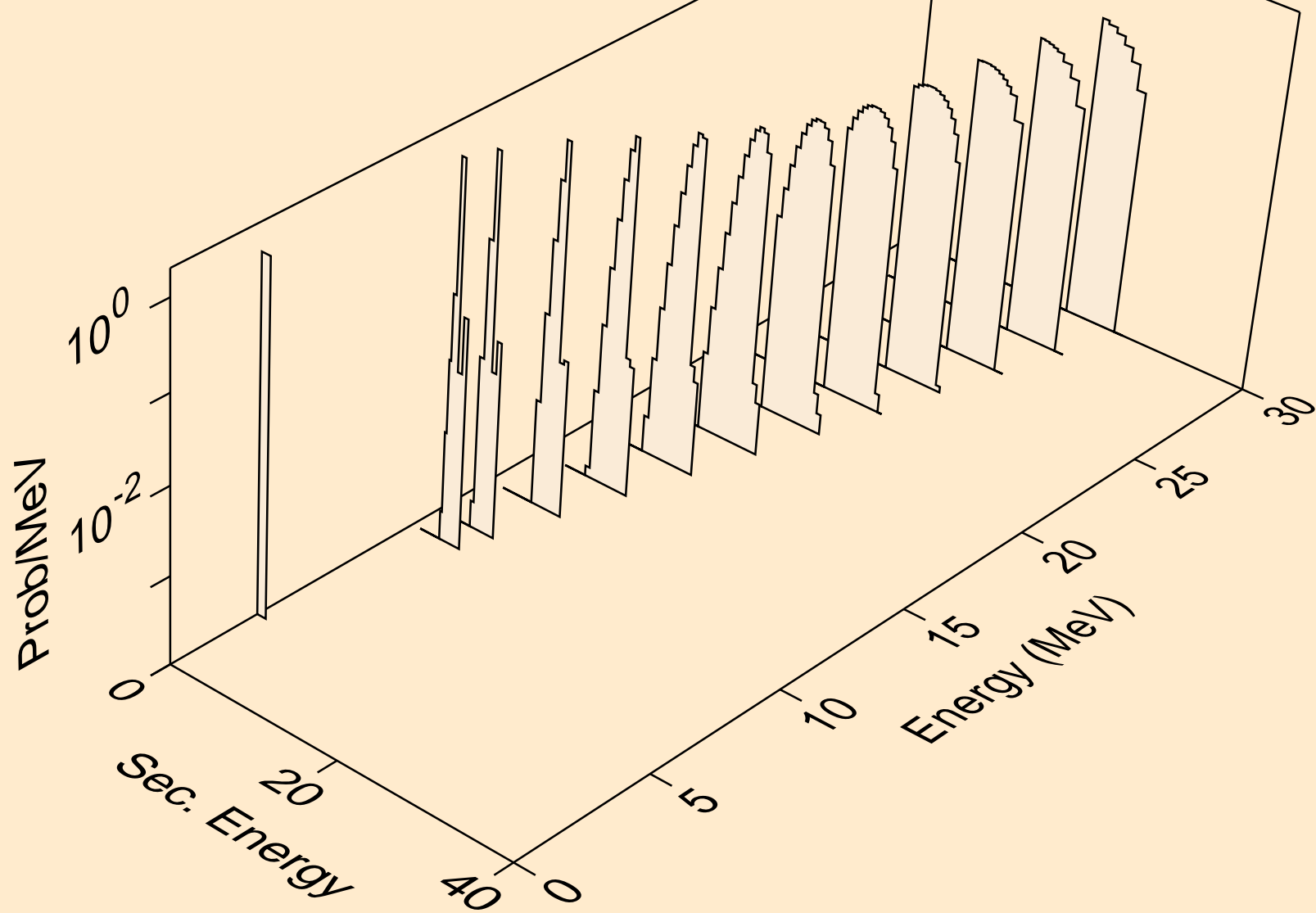
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tritons from (p,x)



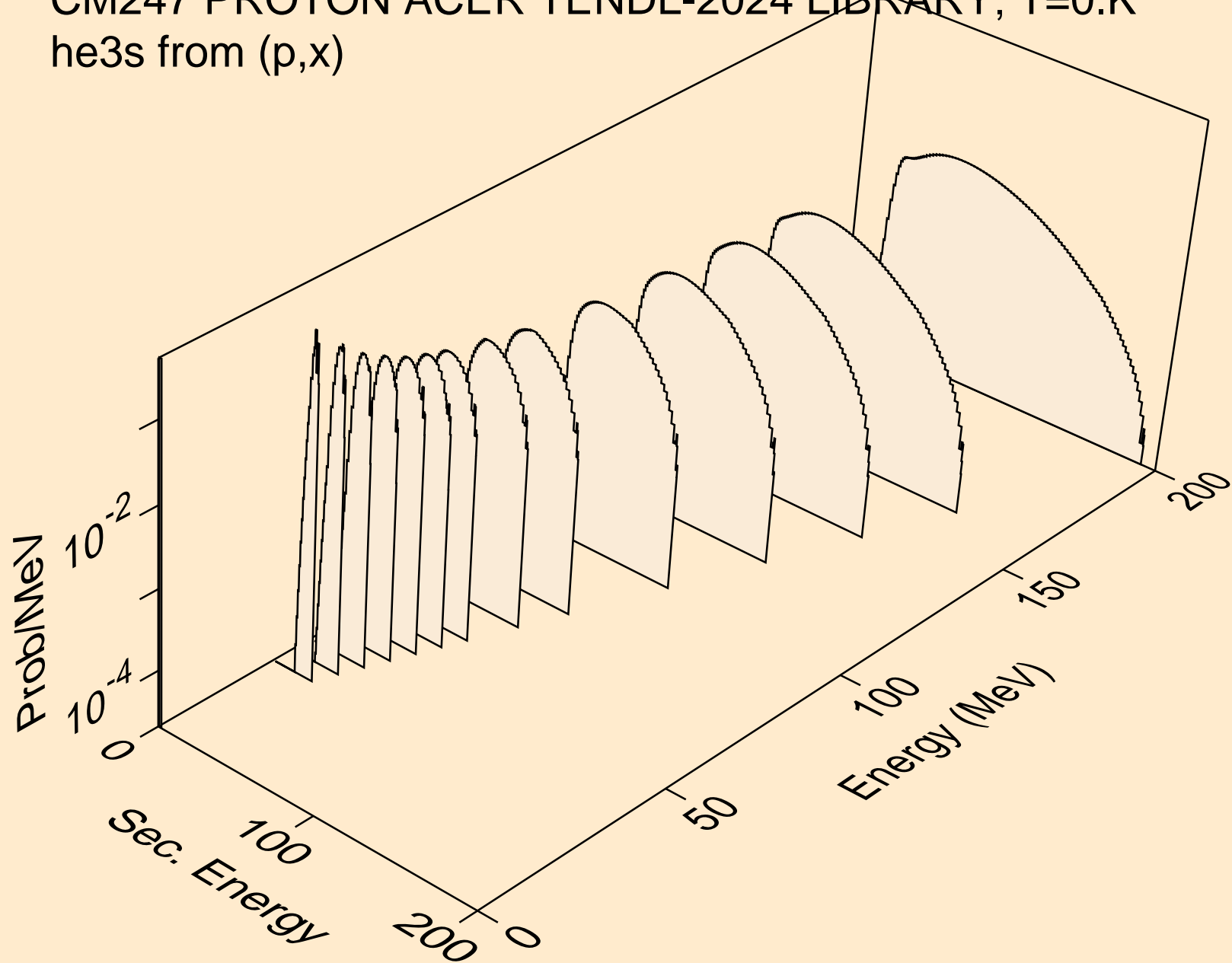
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tritons from (p,n\*)t



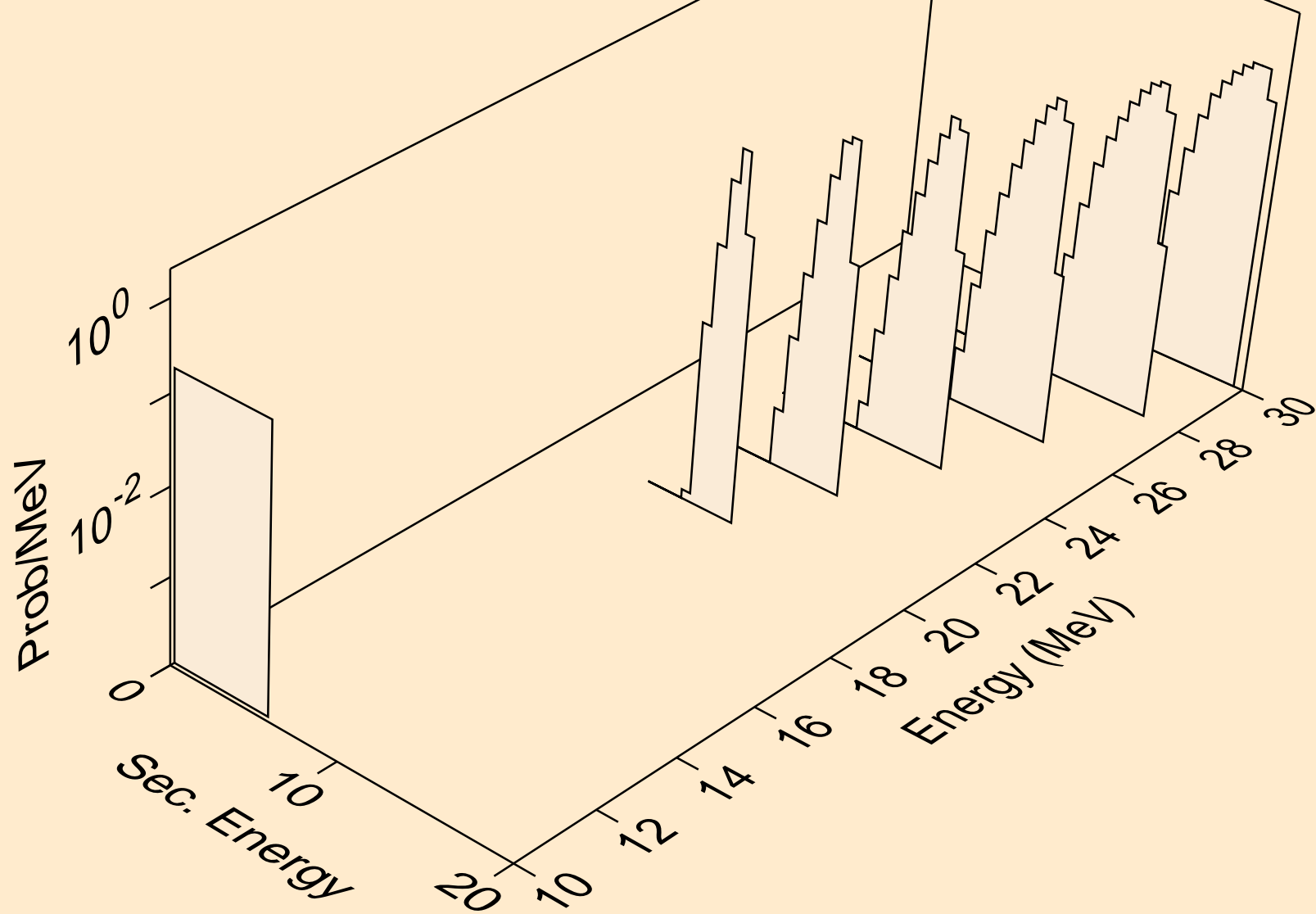
CM247 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (p,t)



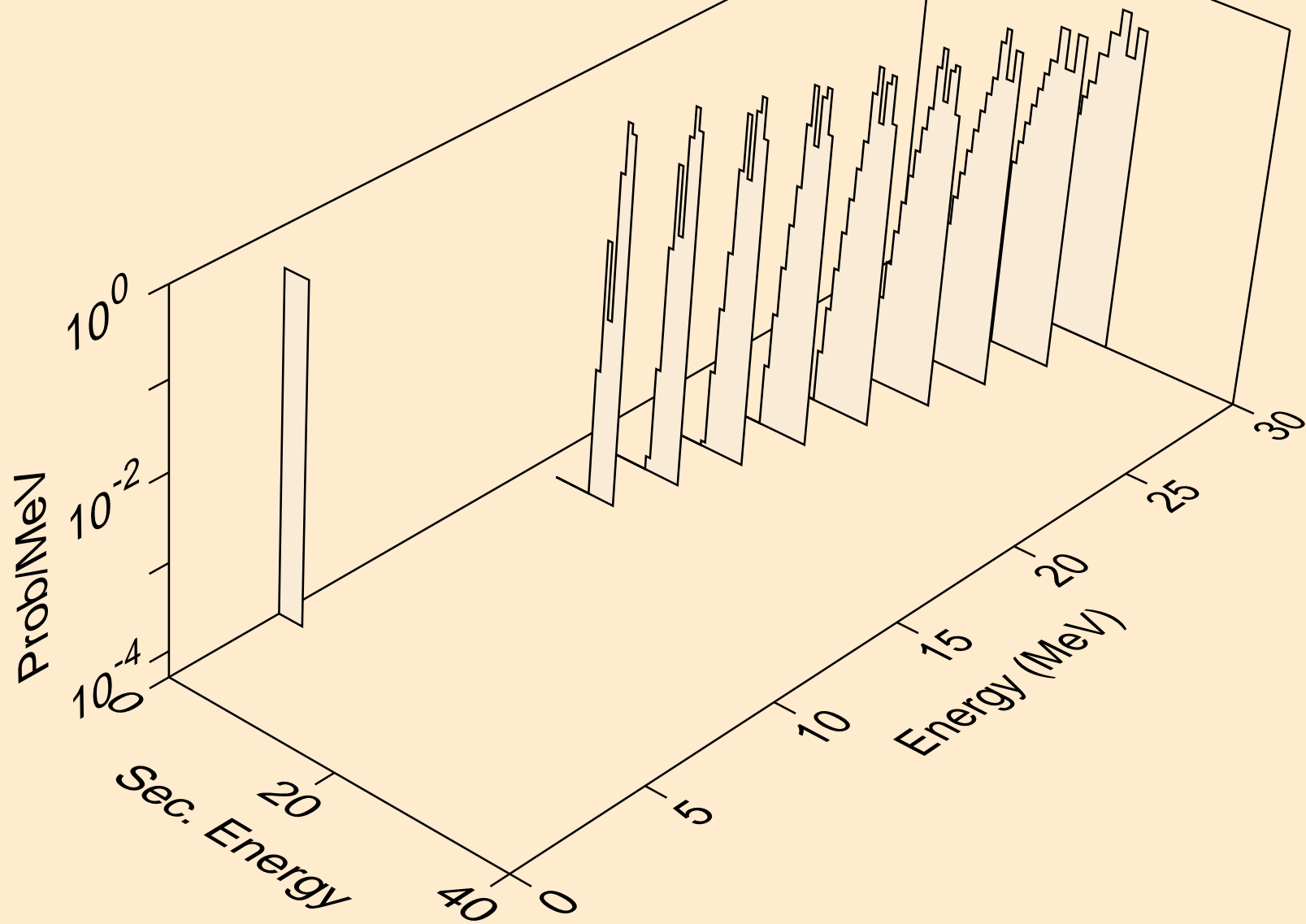
CM247 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (p,x)



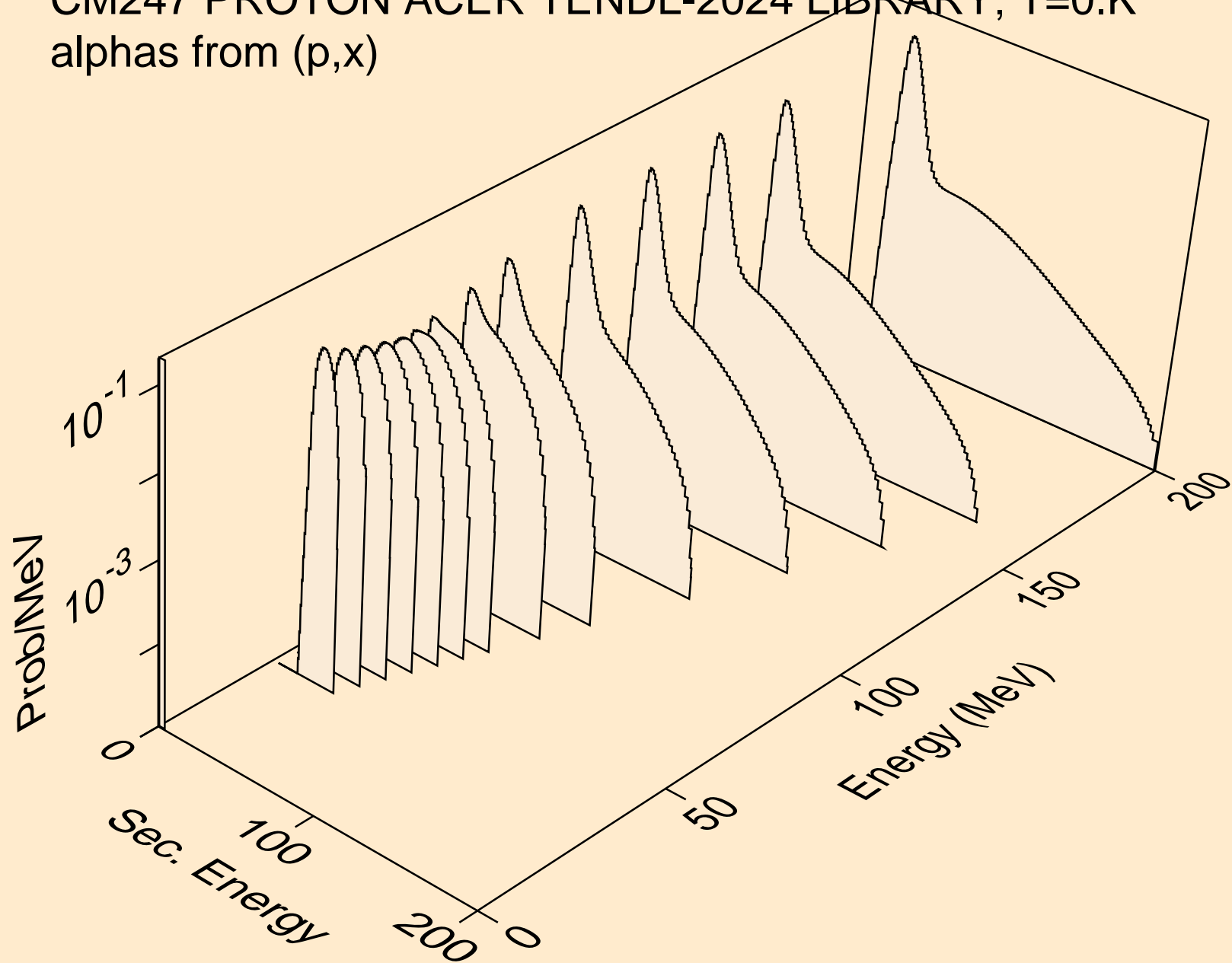
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he3s from (p,n\*)he3



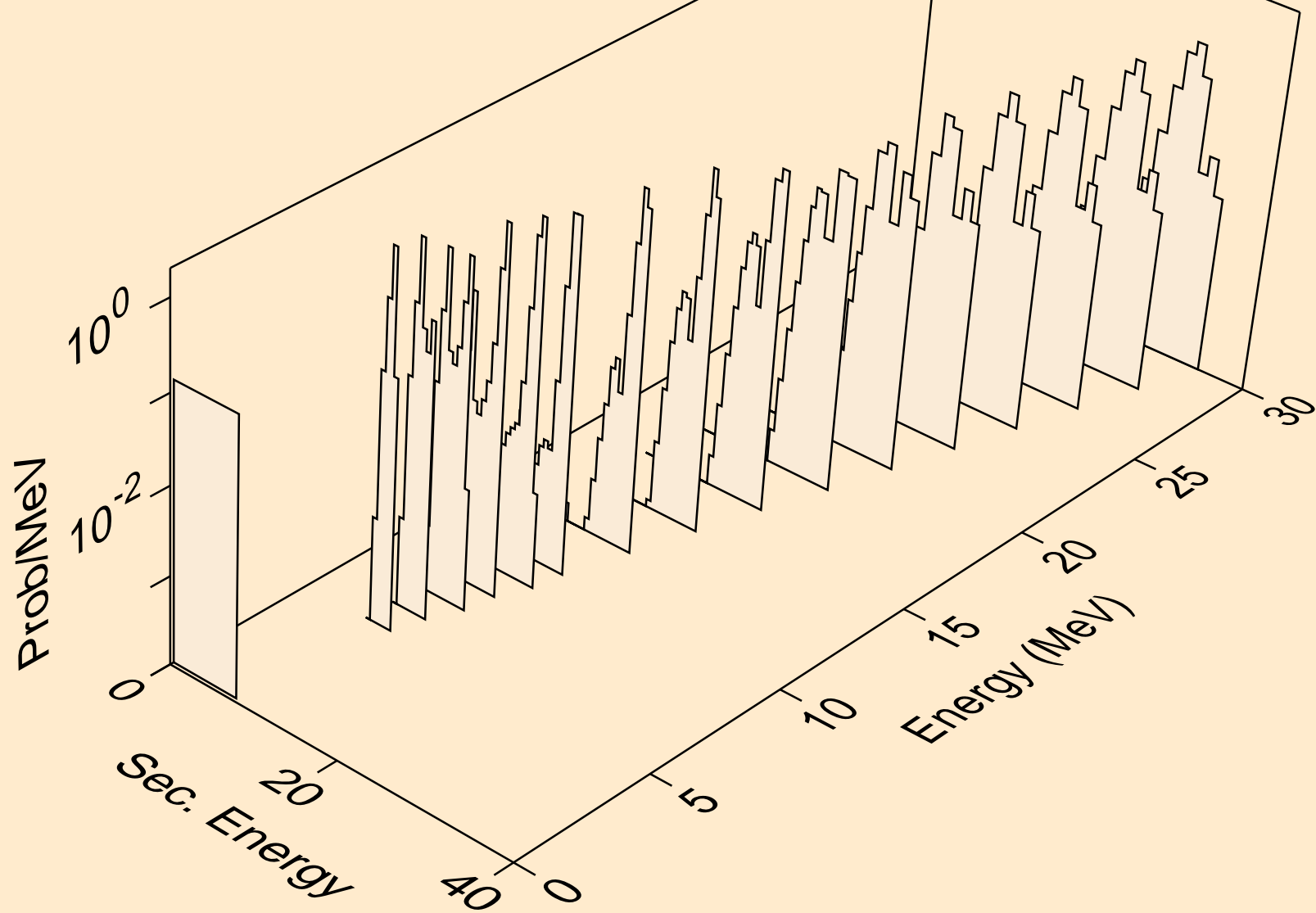
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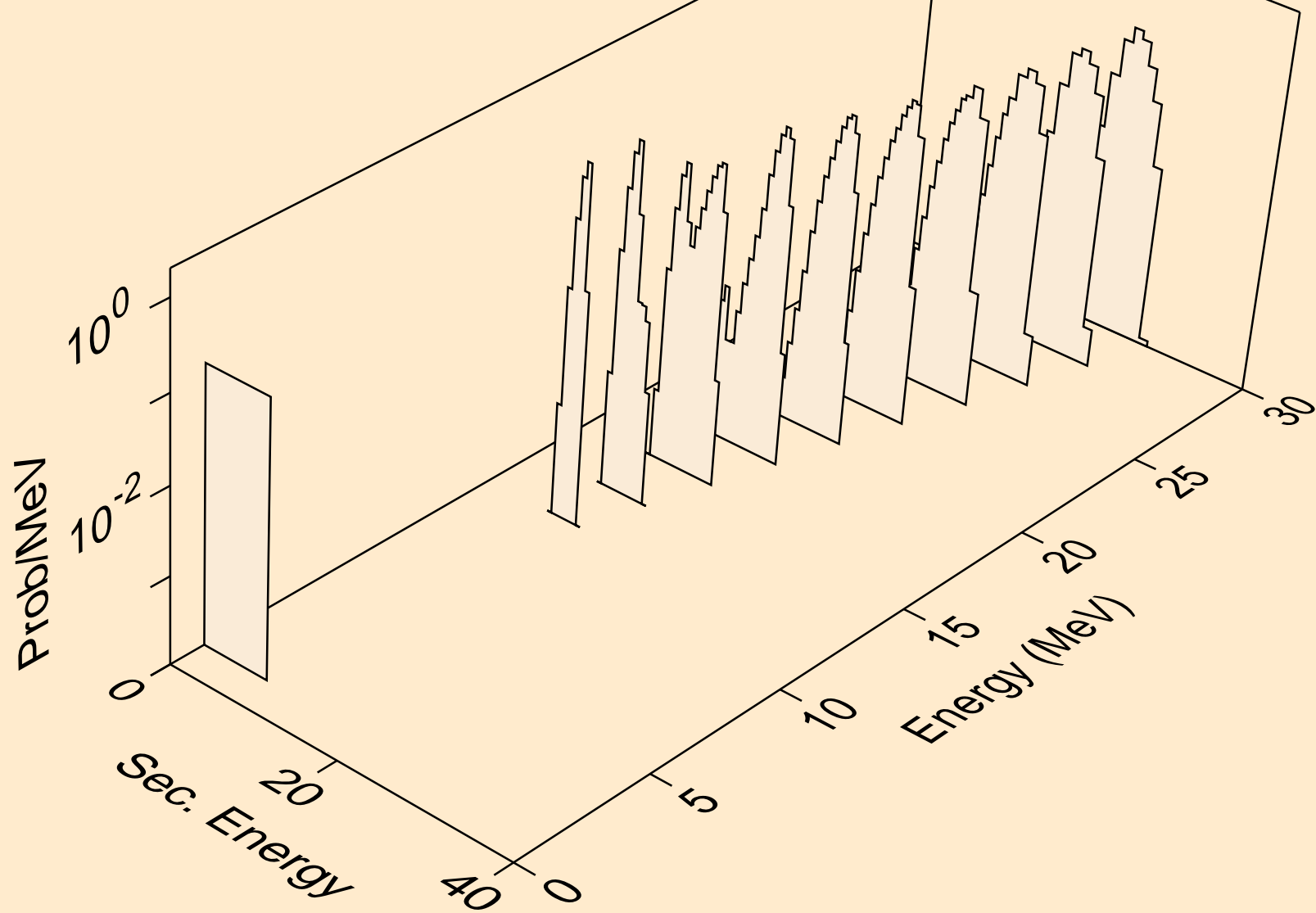
CM247 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,x)



CM247 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,n\*)a



CM247 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,2n)a



CM247 PROTON ACER TENDL-2024 LIBRARY; T=0.K  
alphas from (p,a)

