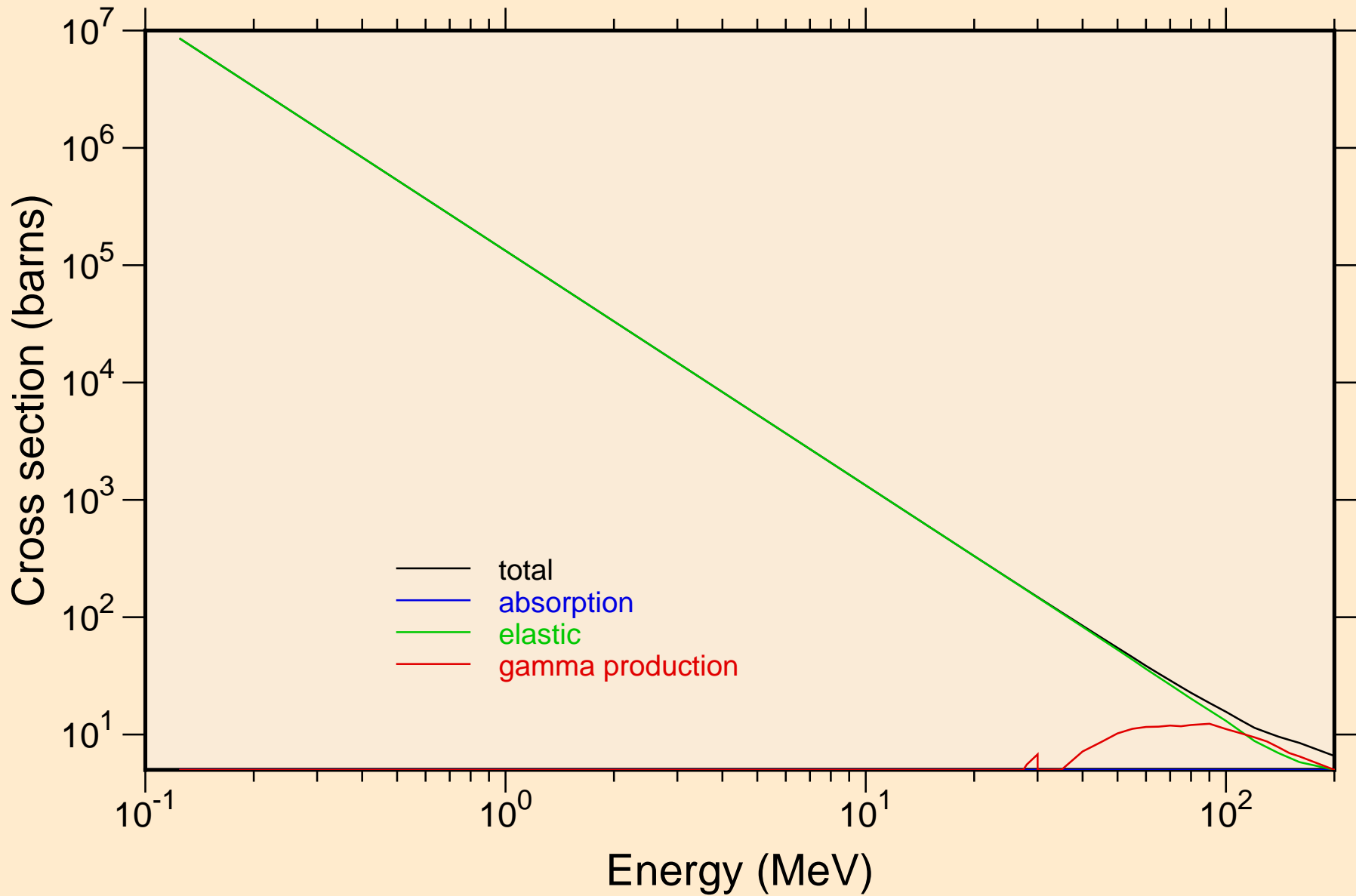
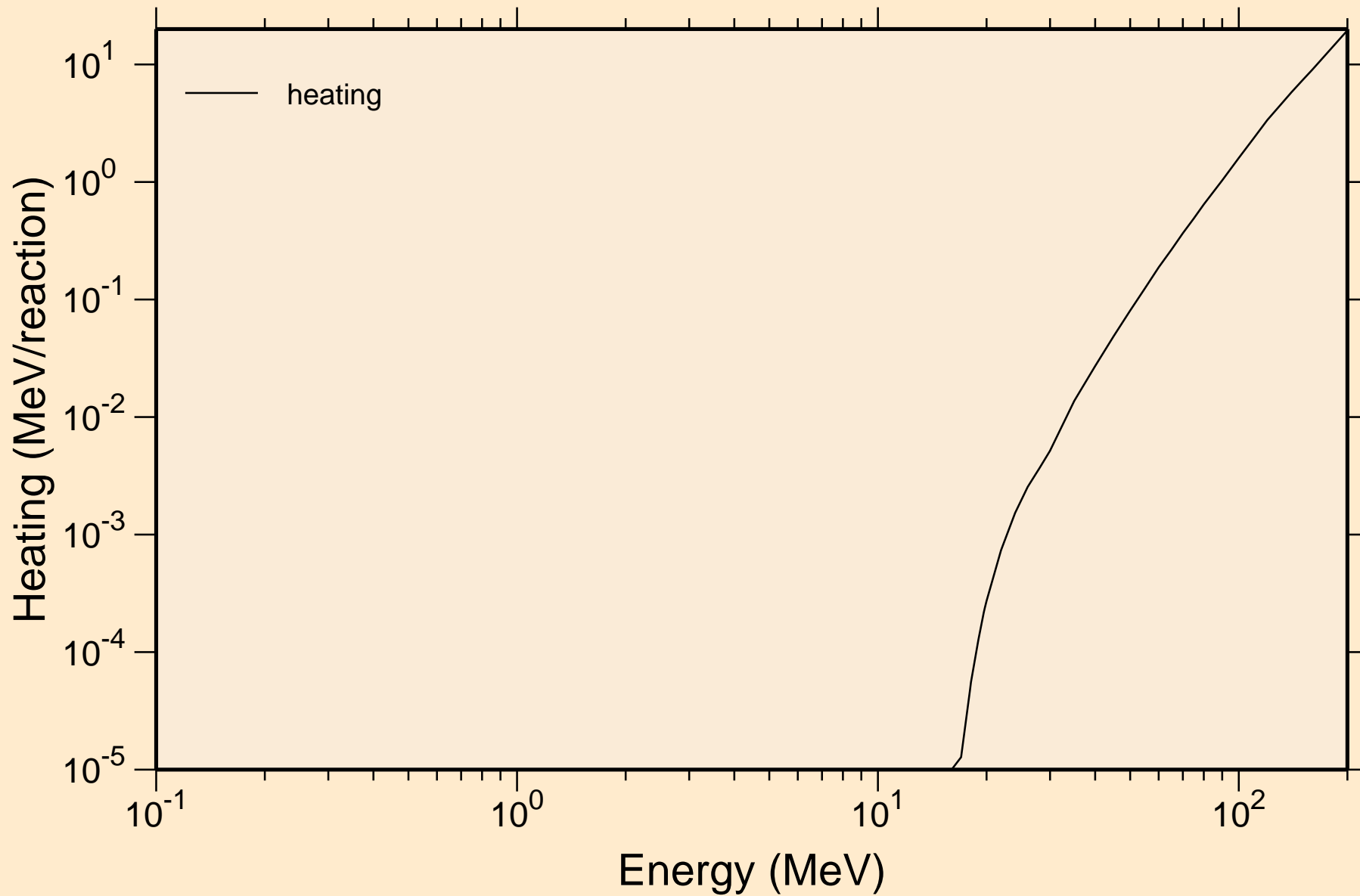


HF183 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections

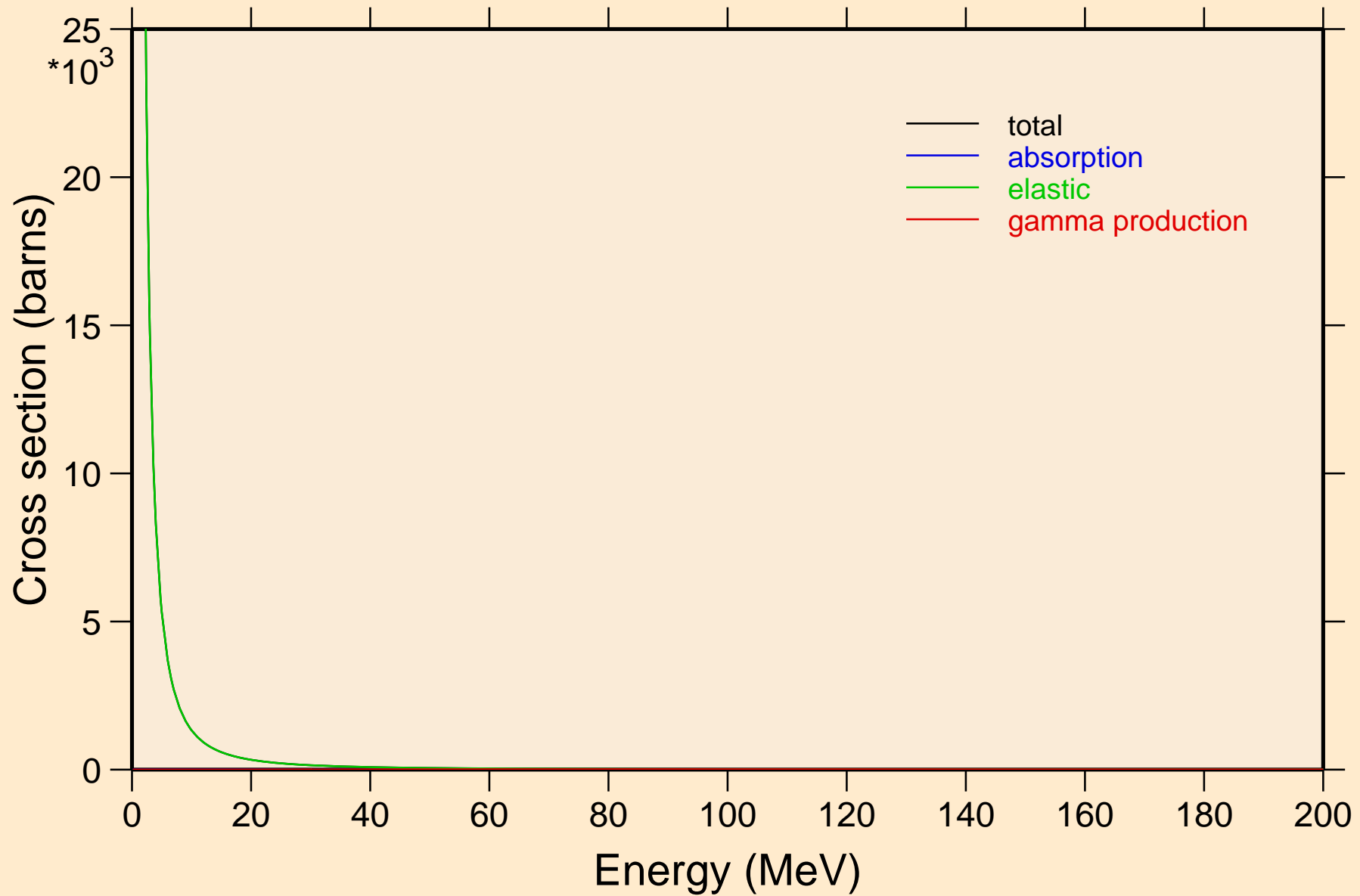


HF183 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Heating



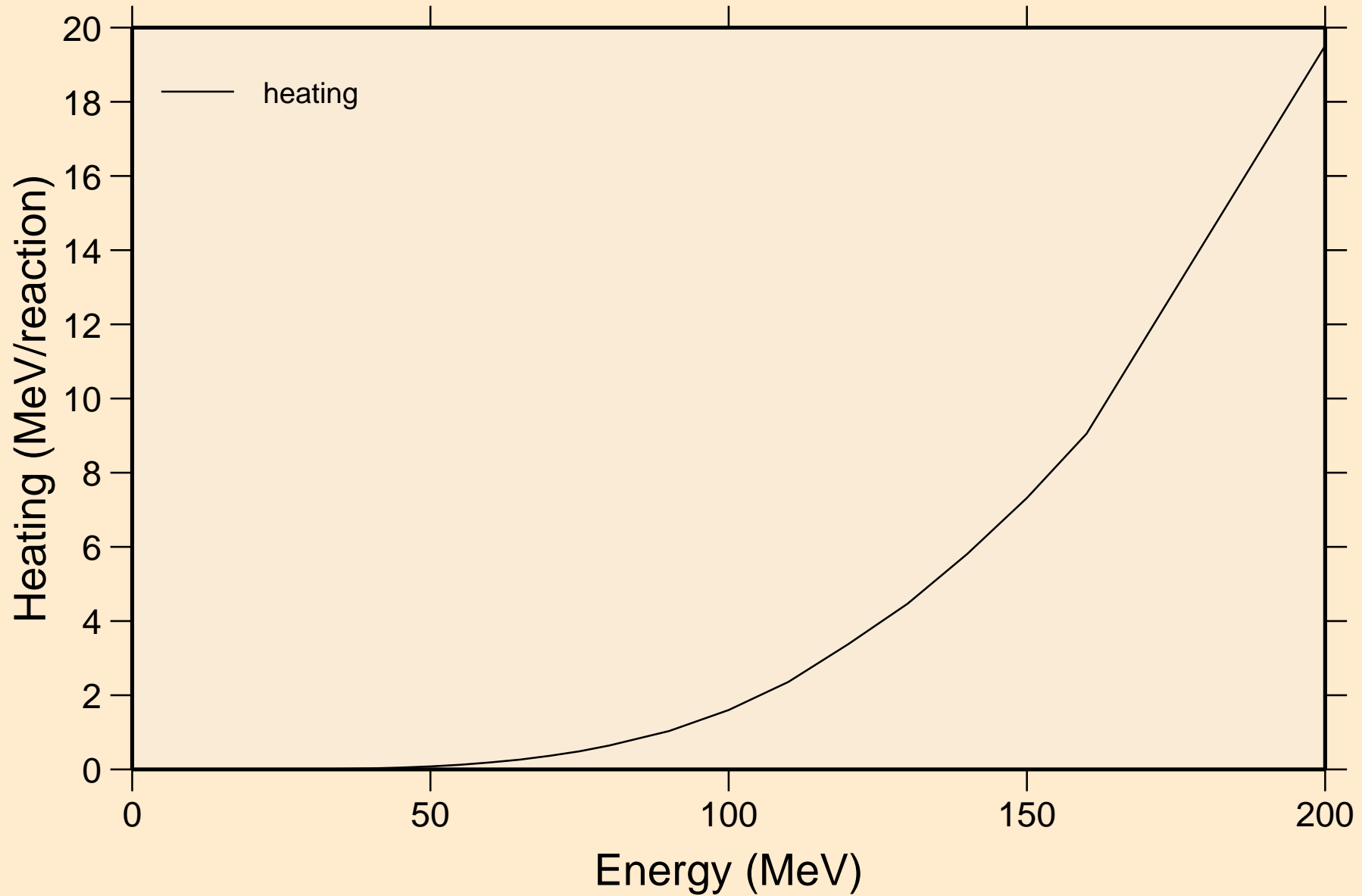
# HF183 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



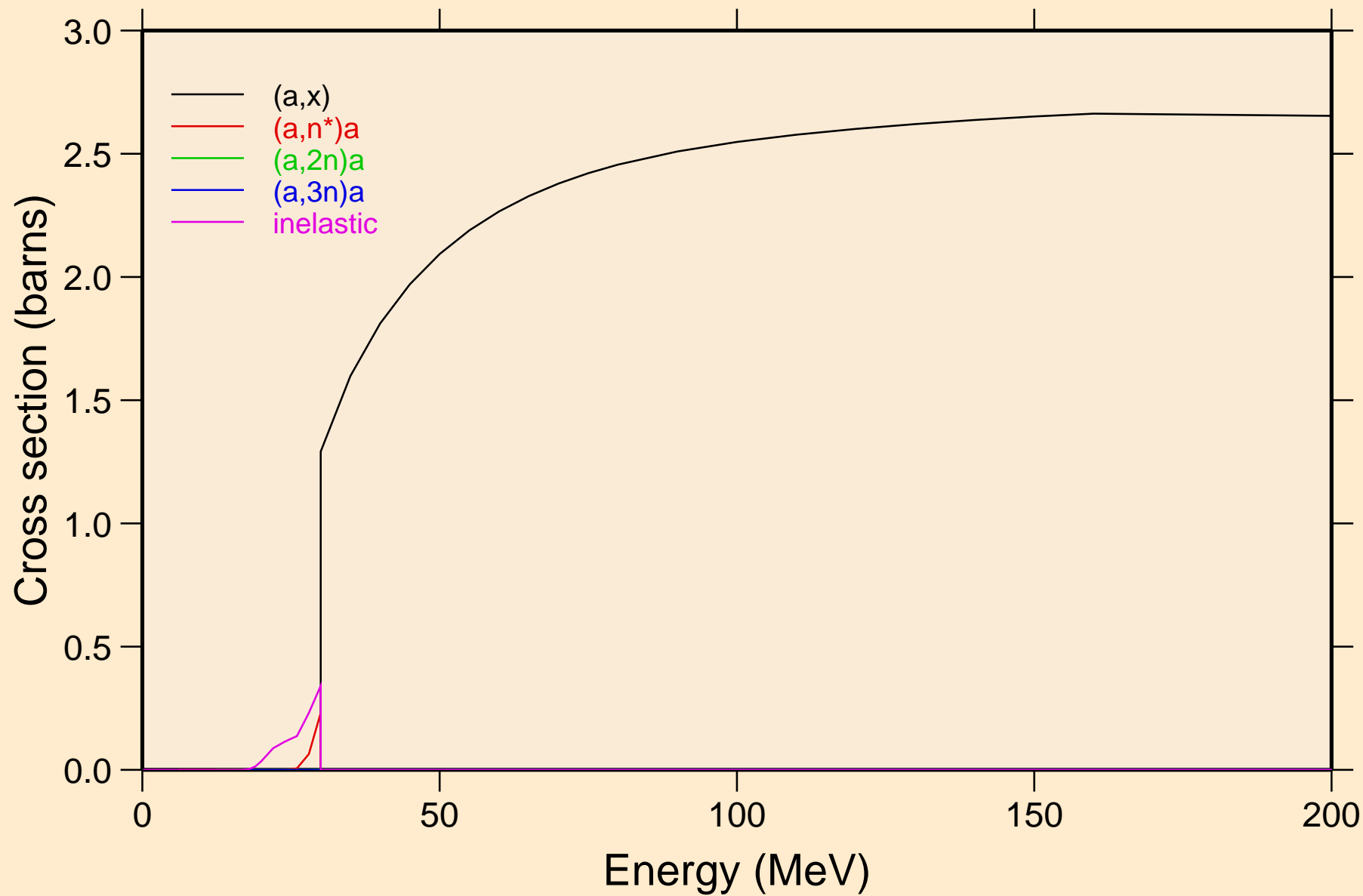
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## Heating

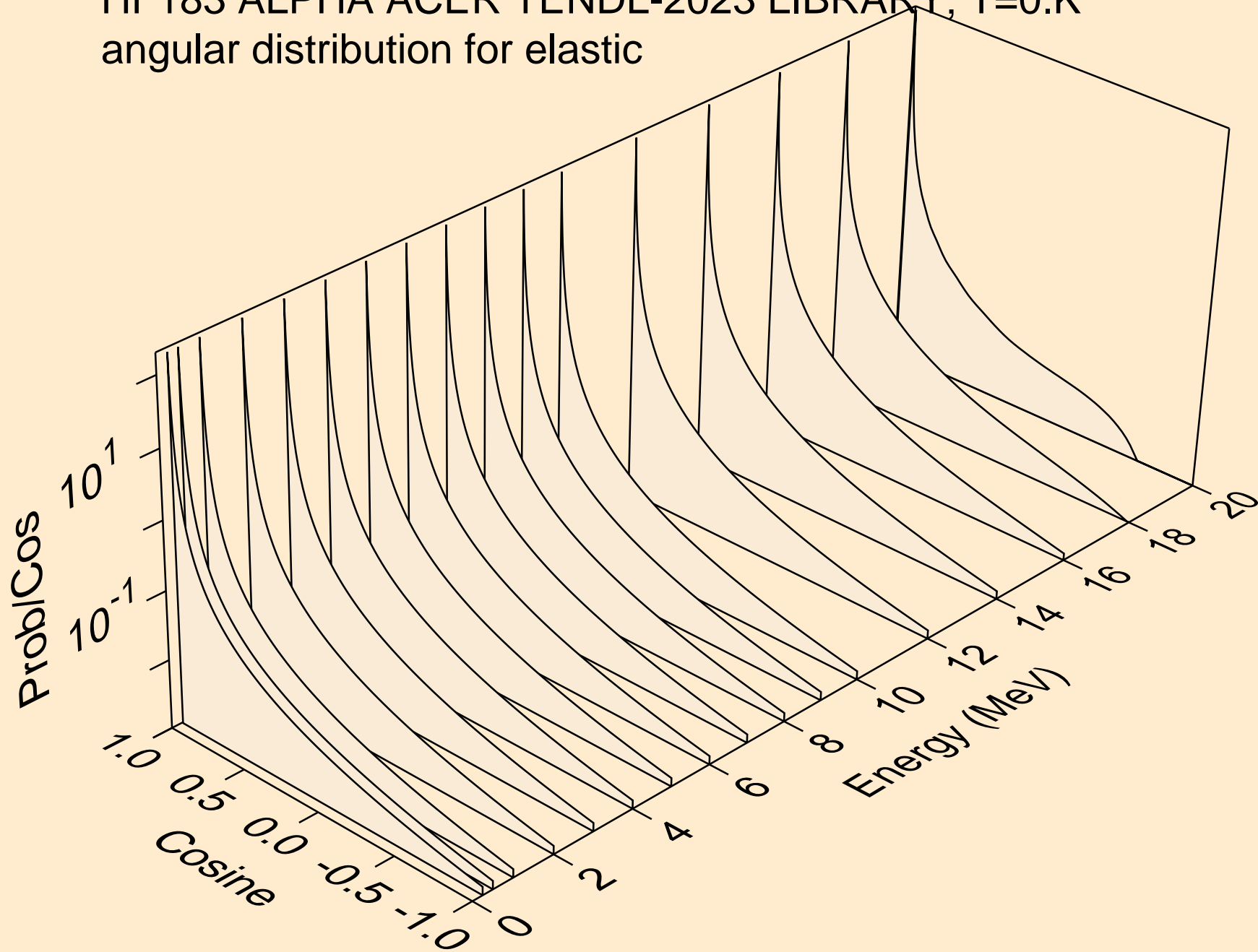


# HF183 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

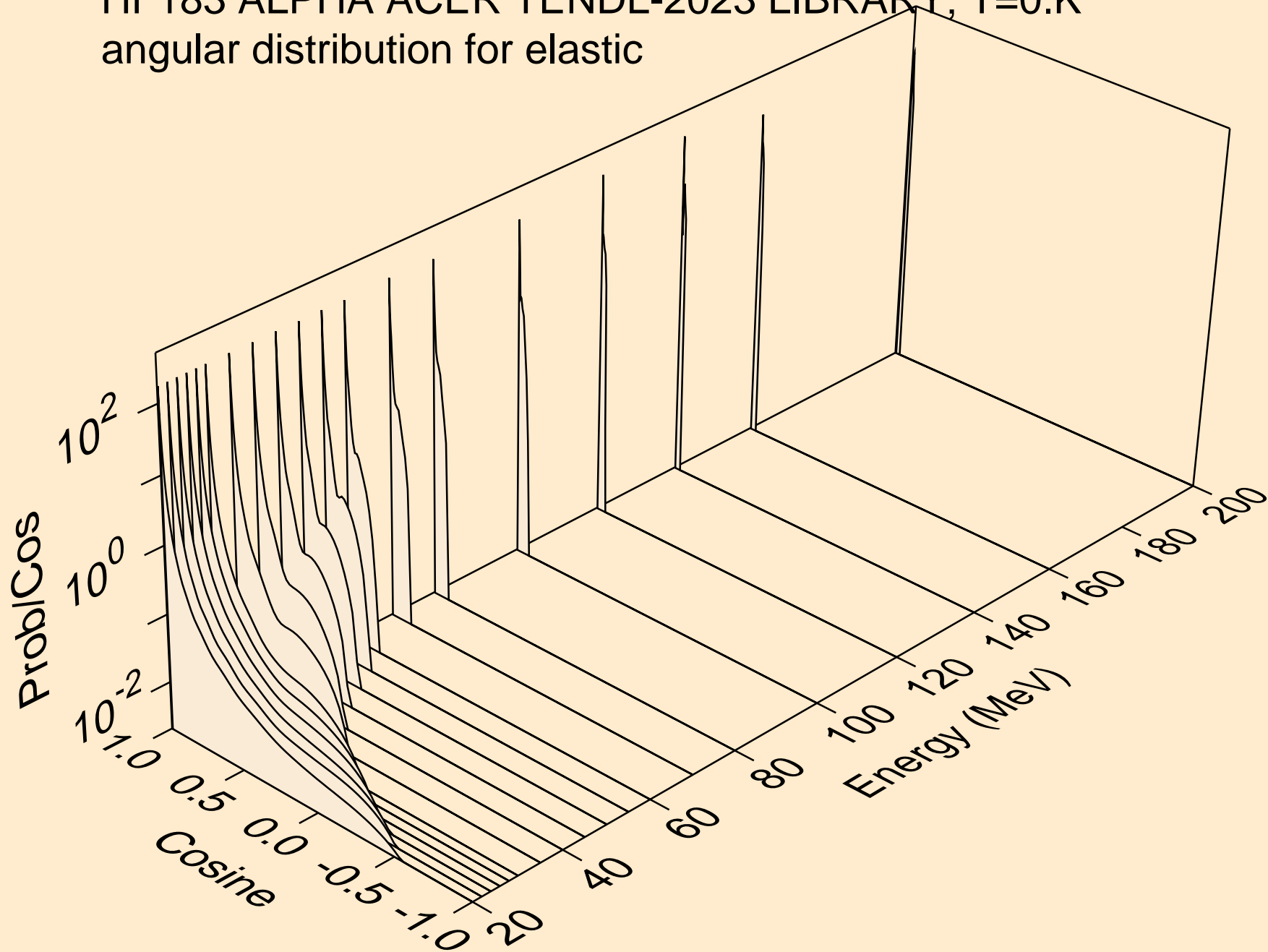
## Threshold reactions



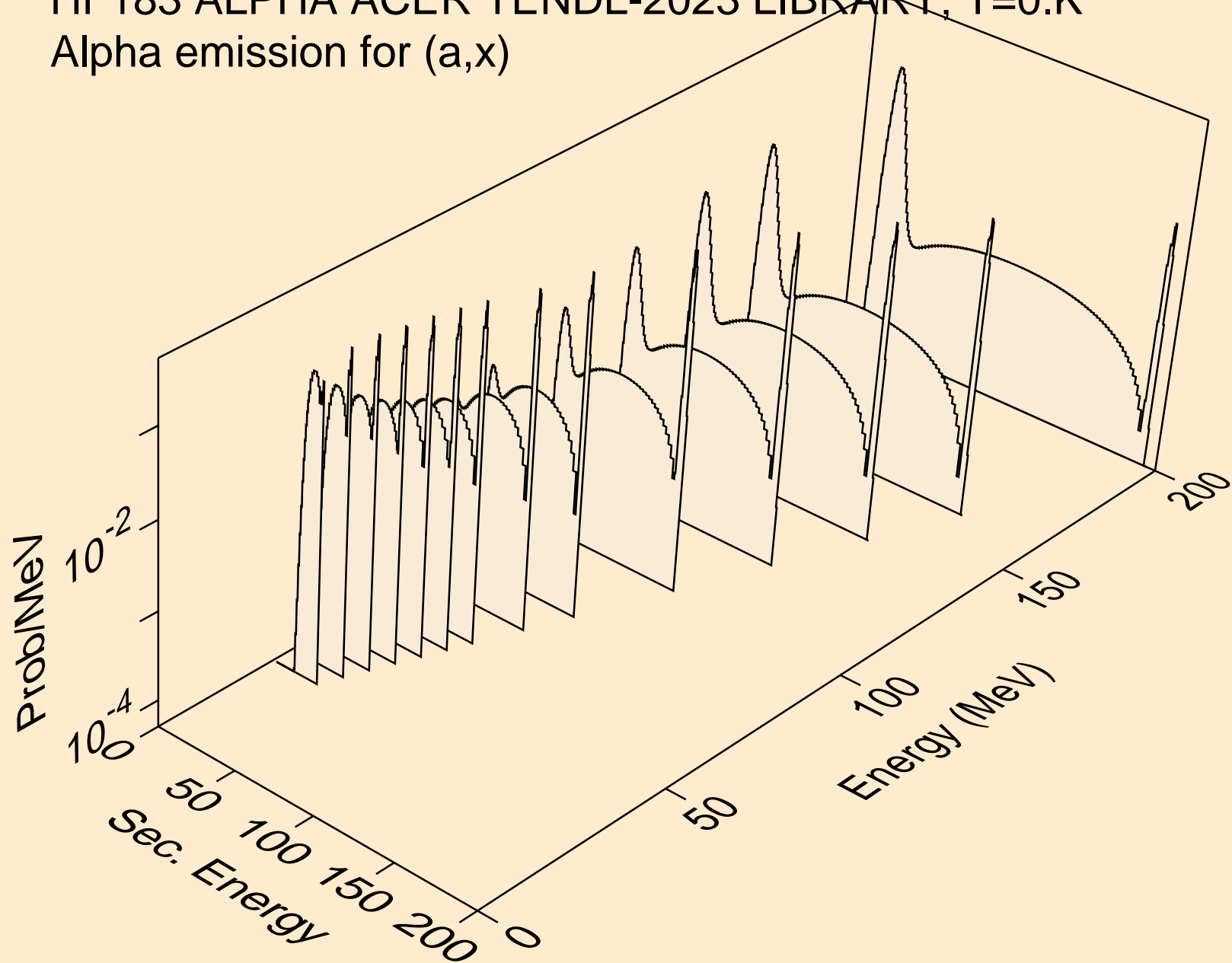
HF183 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



HF183 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

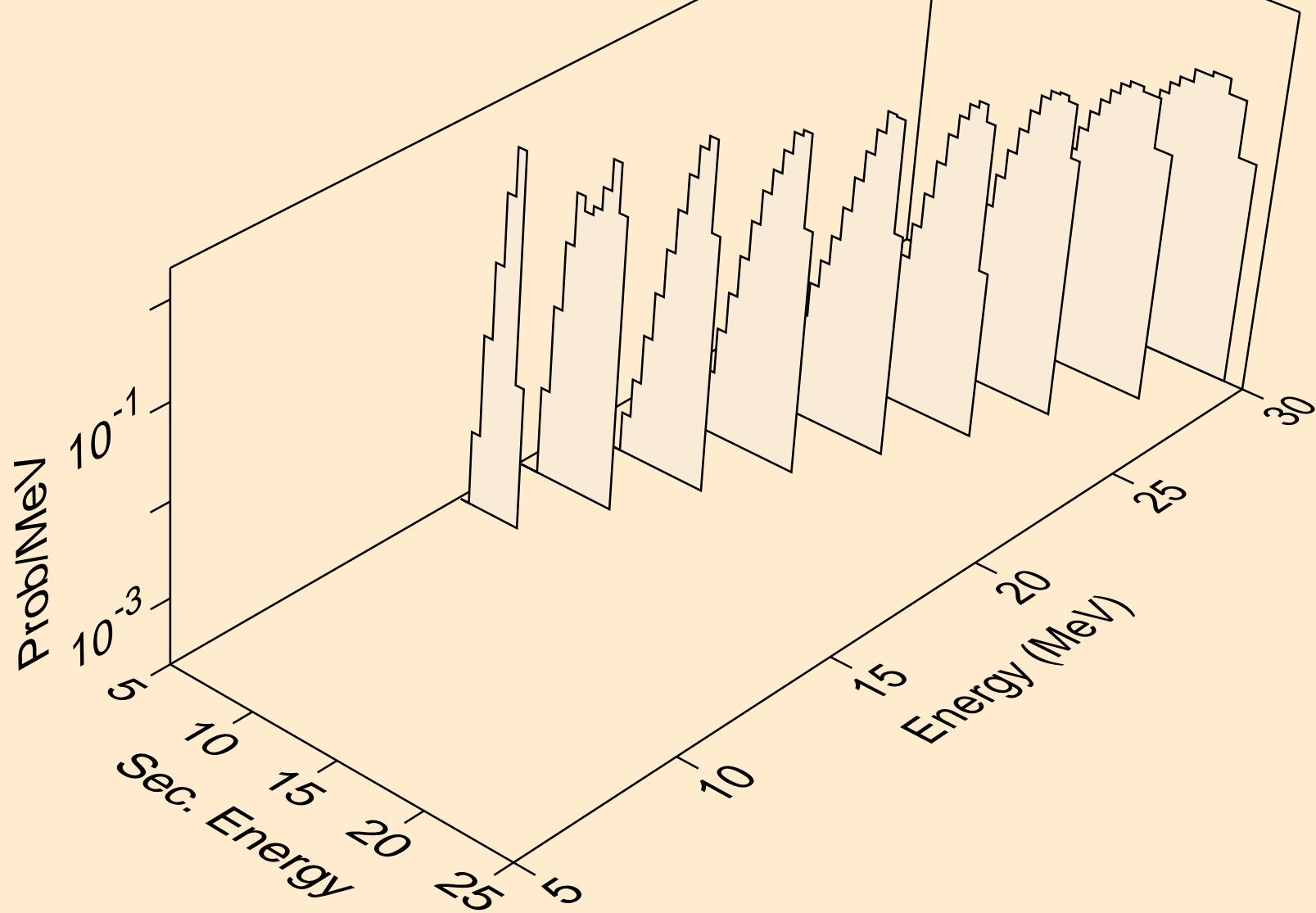


HF183 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,x)

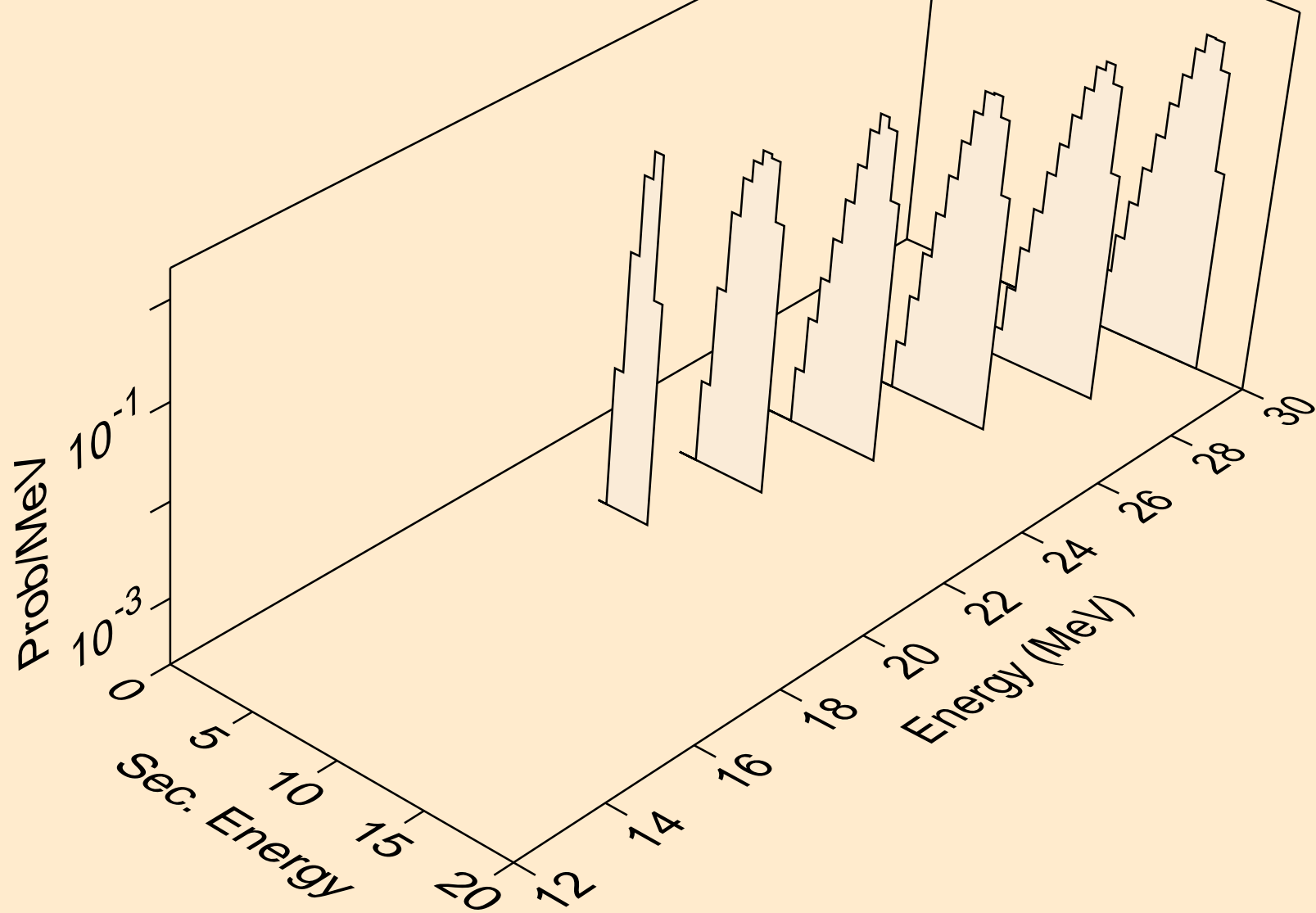




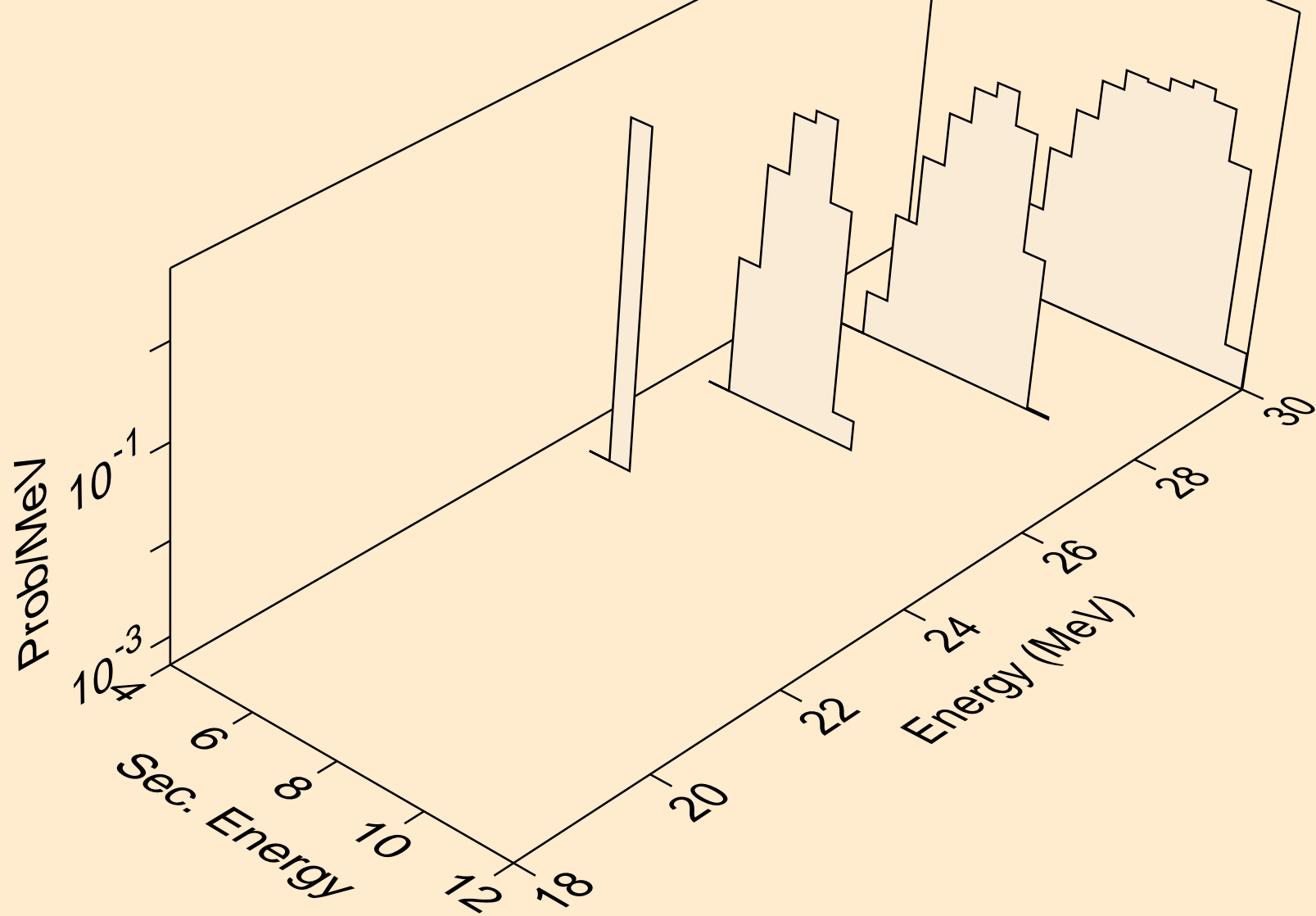
HF183 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



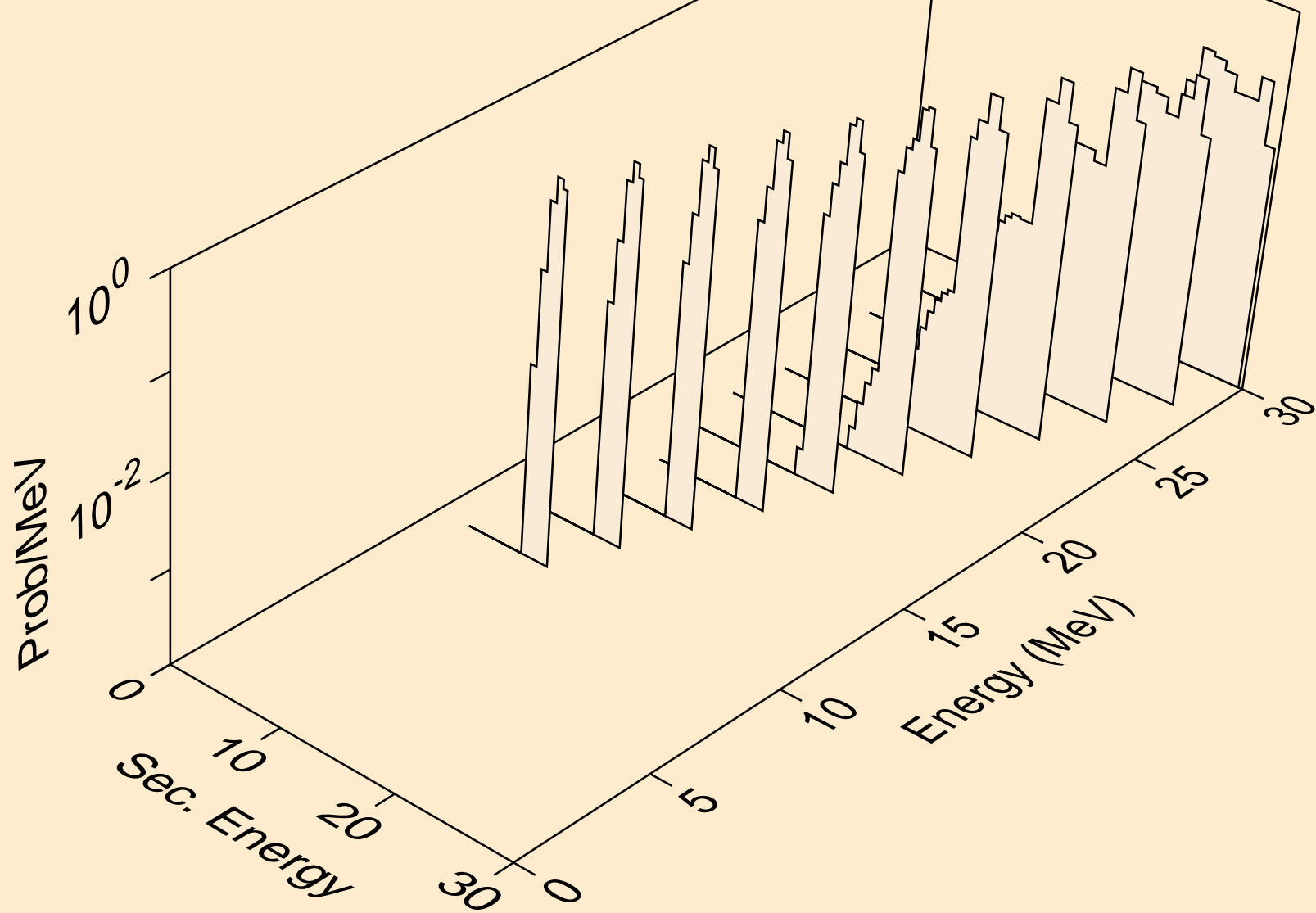
HF183 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



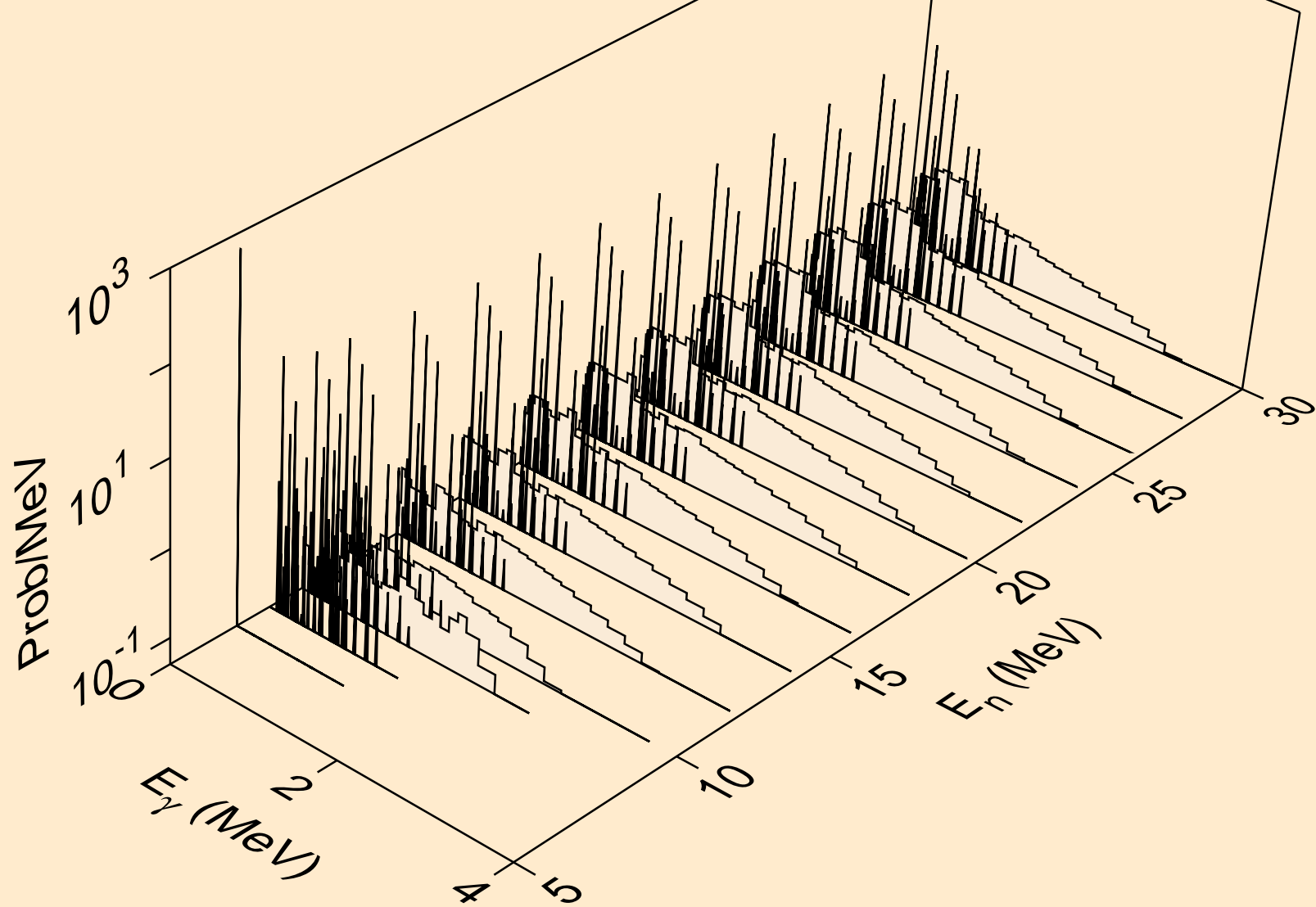
HF183 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,3n)a



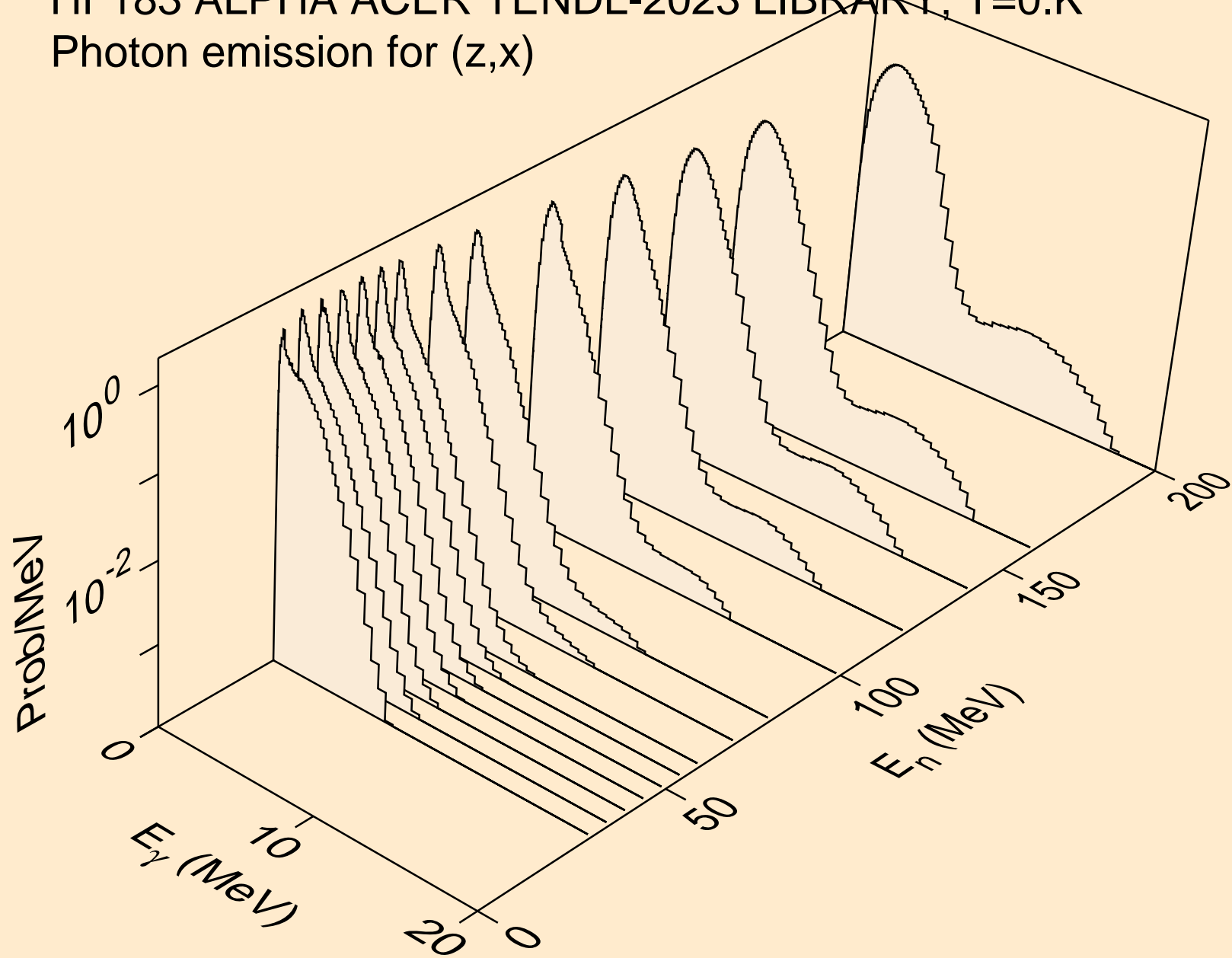
HF183 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic



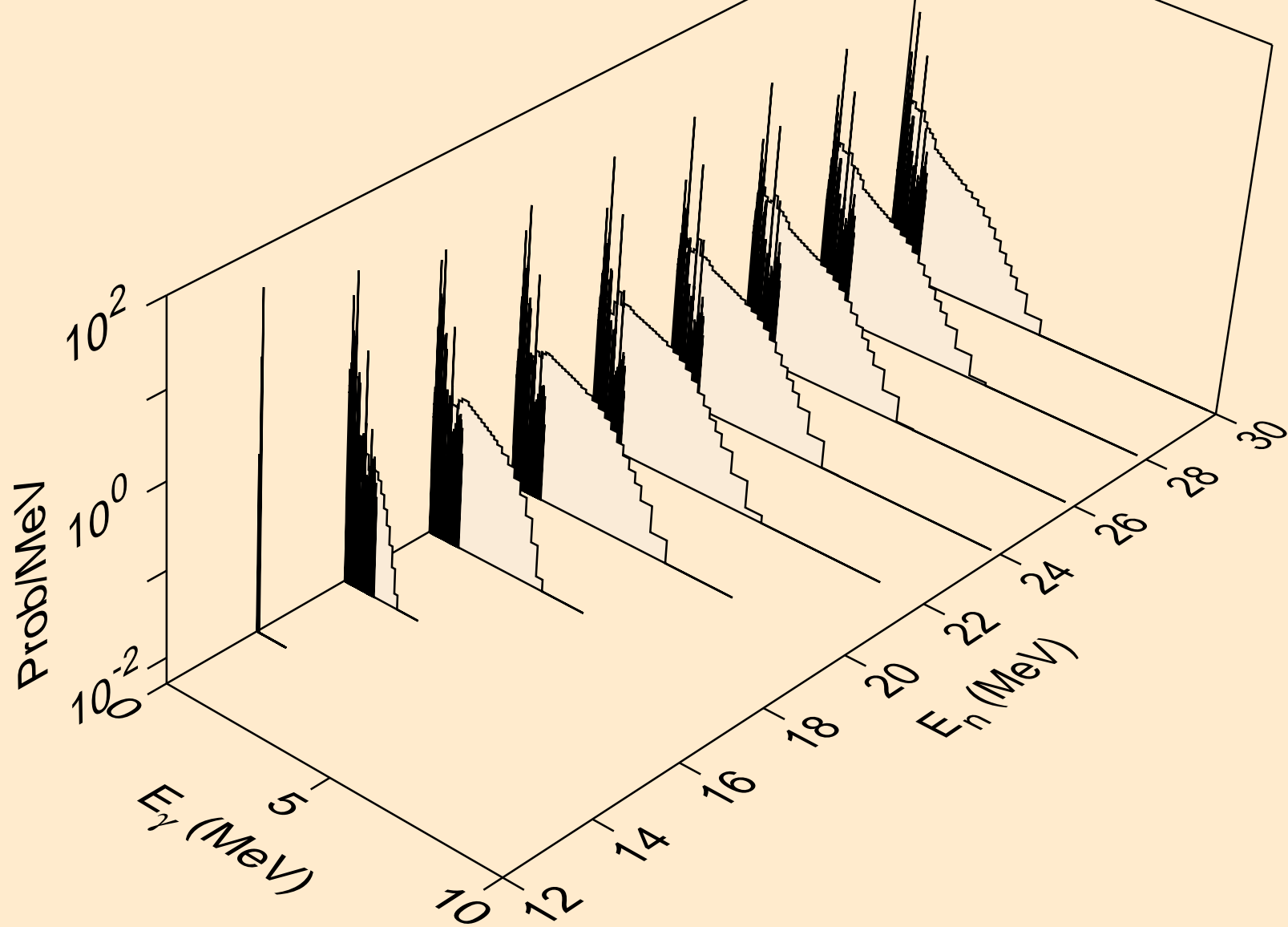
HF183 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



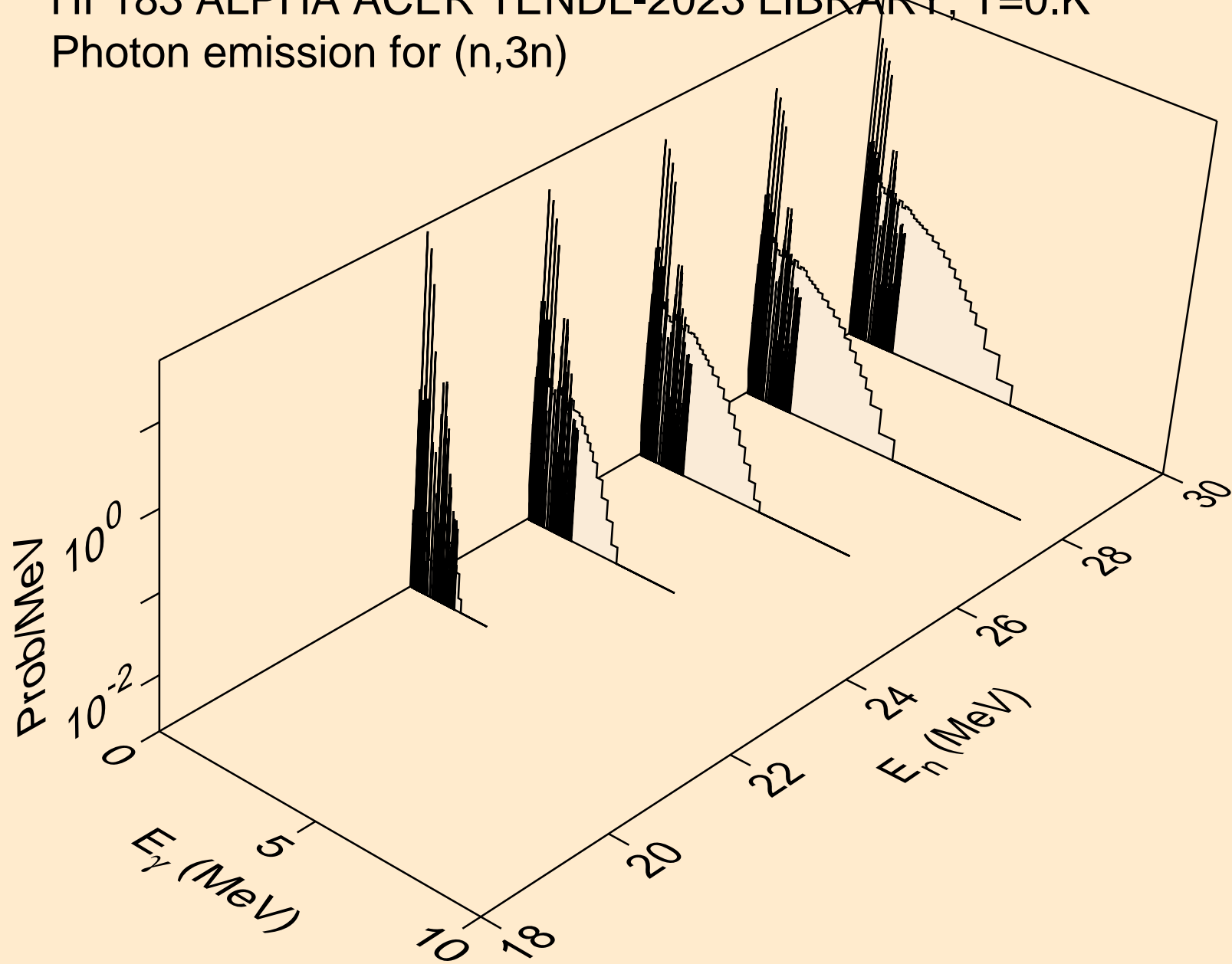
HF183 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



HF183 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

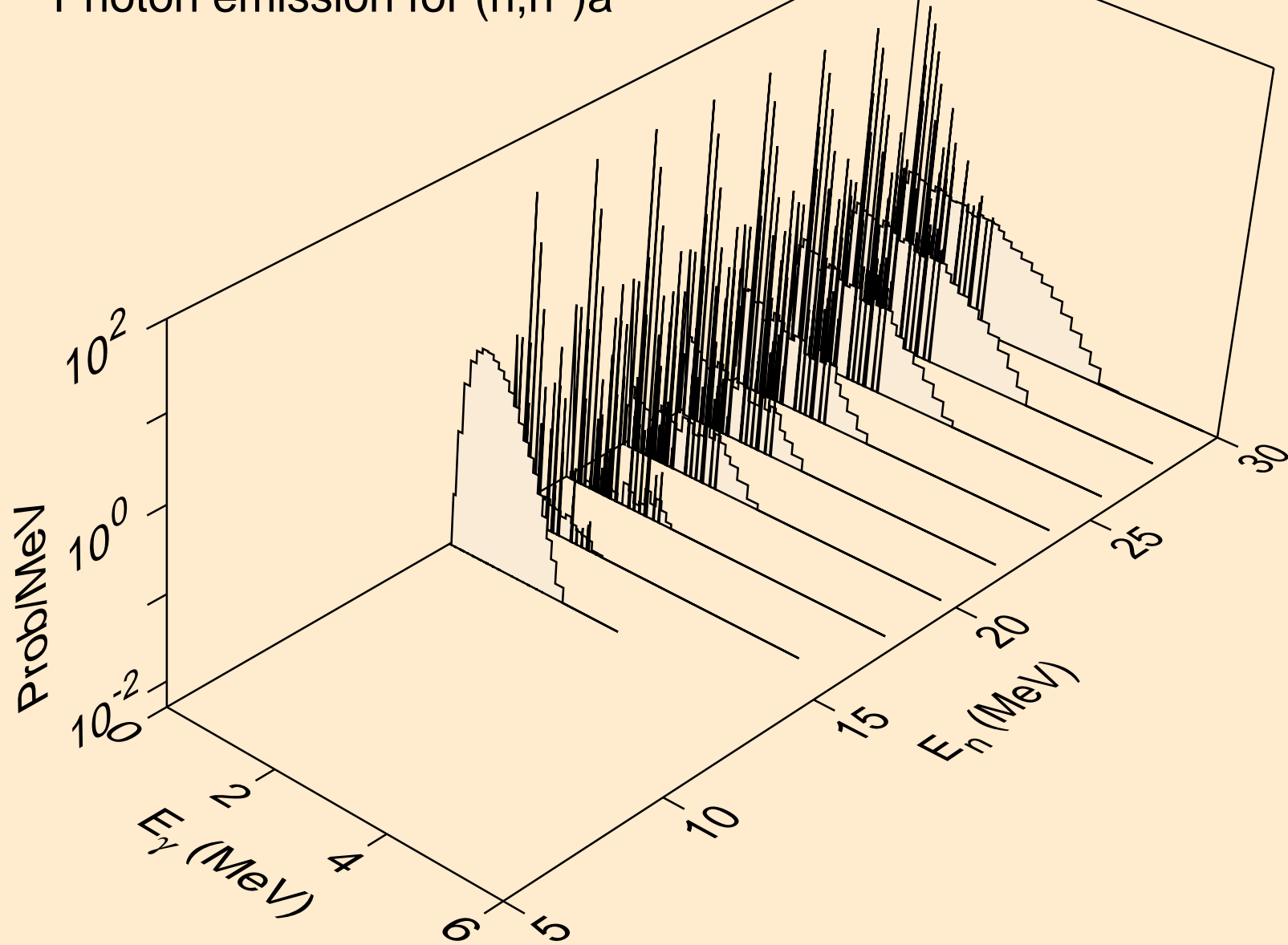


HF183 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)

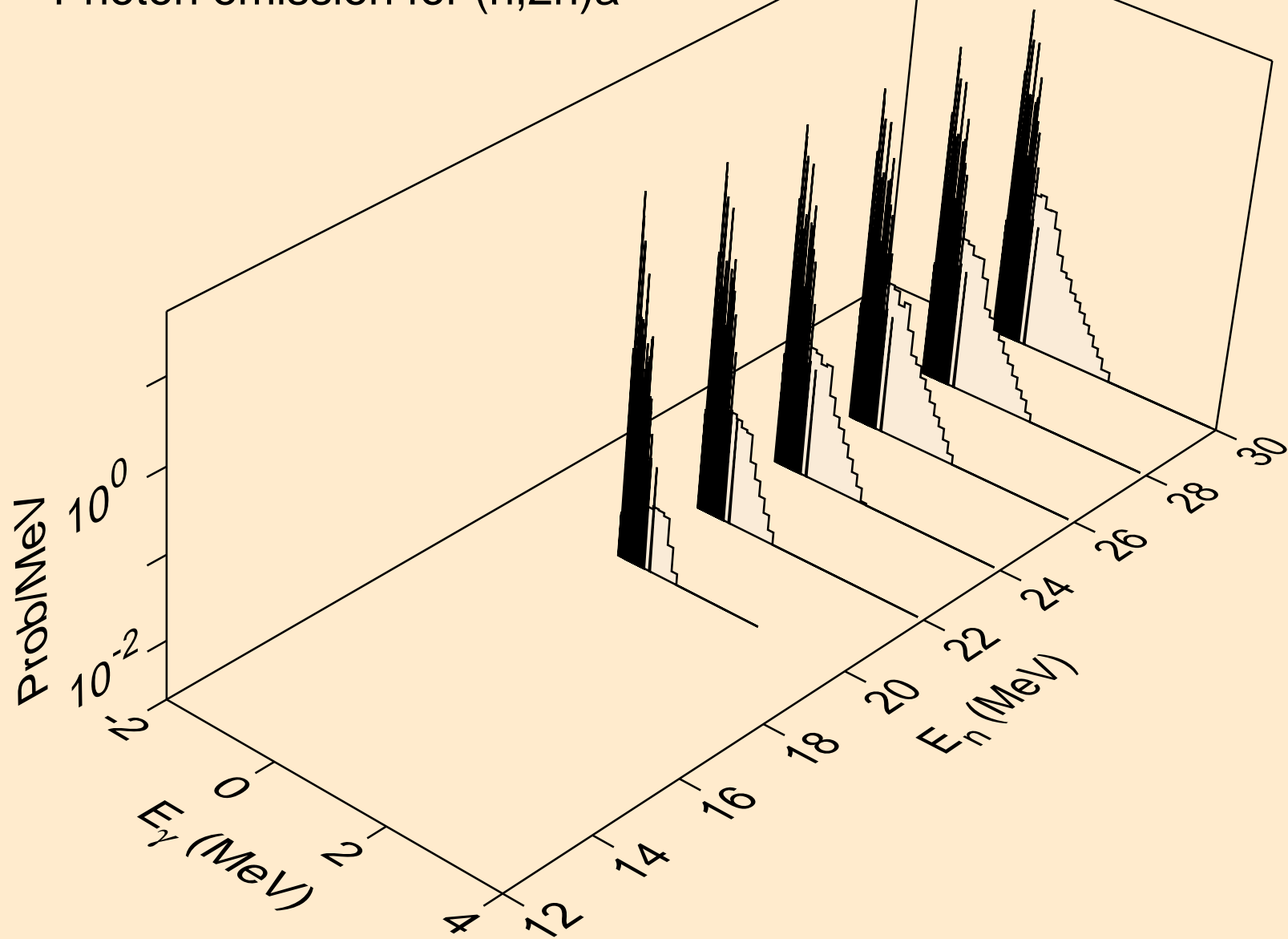




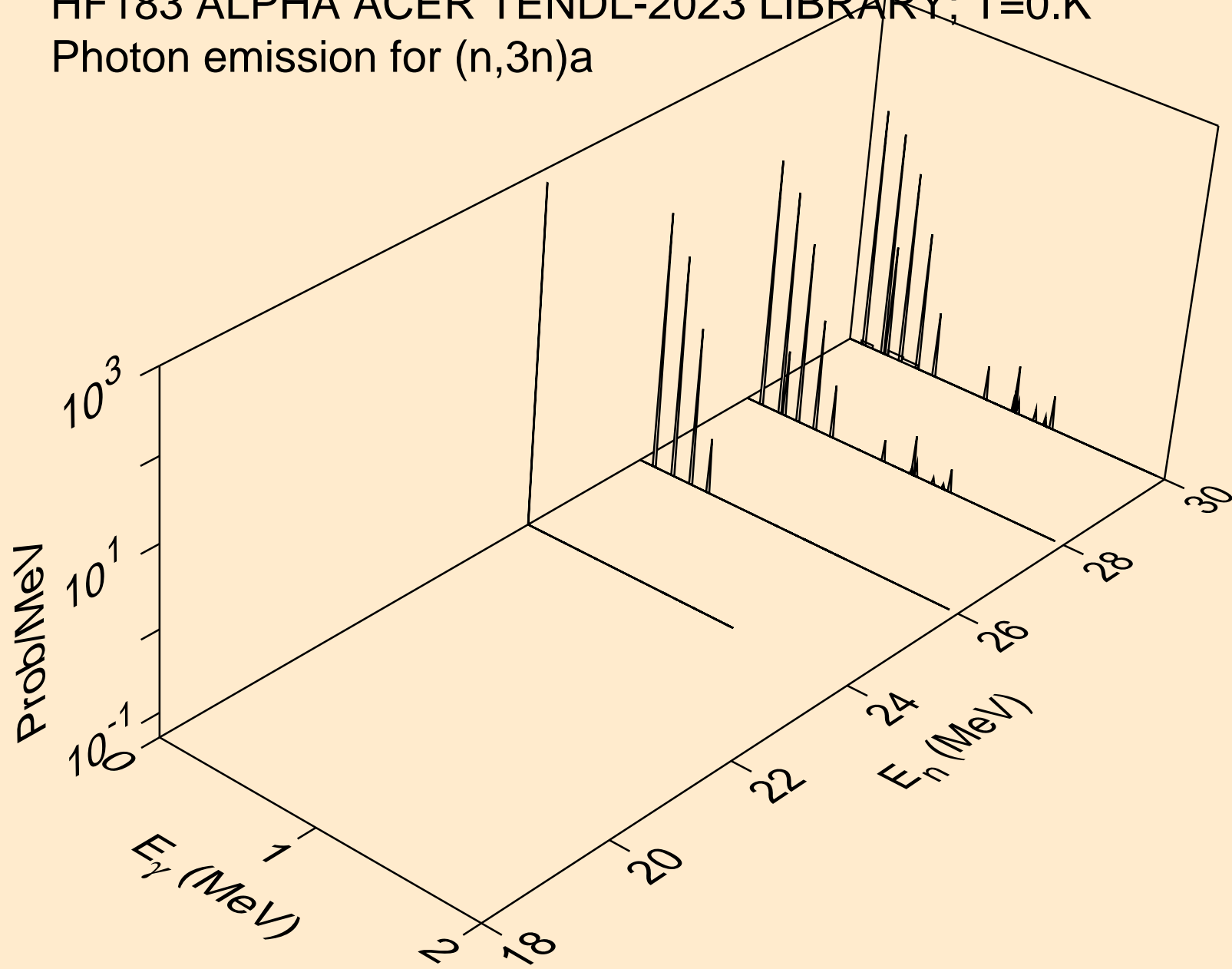
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Photon emission for (n,n\*)a



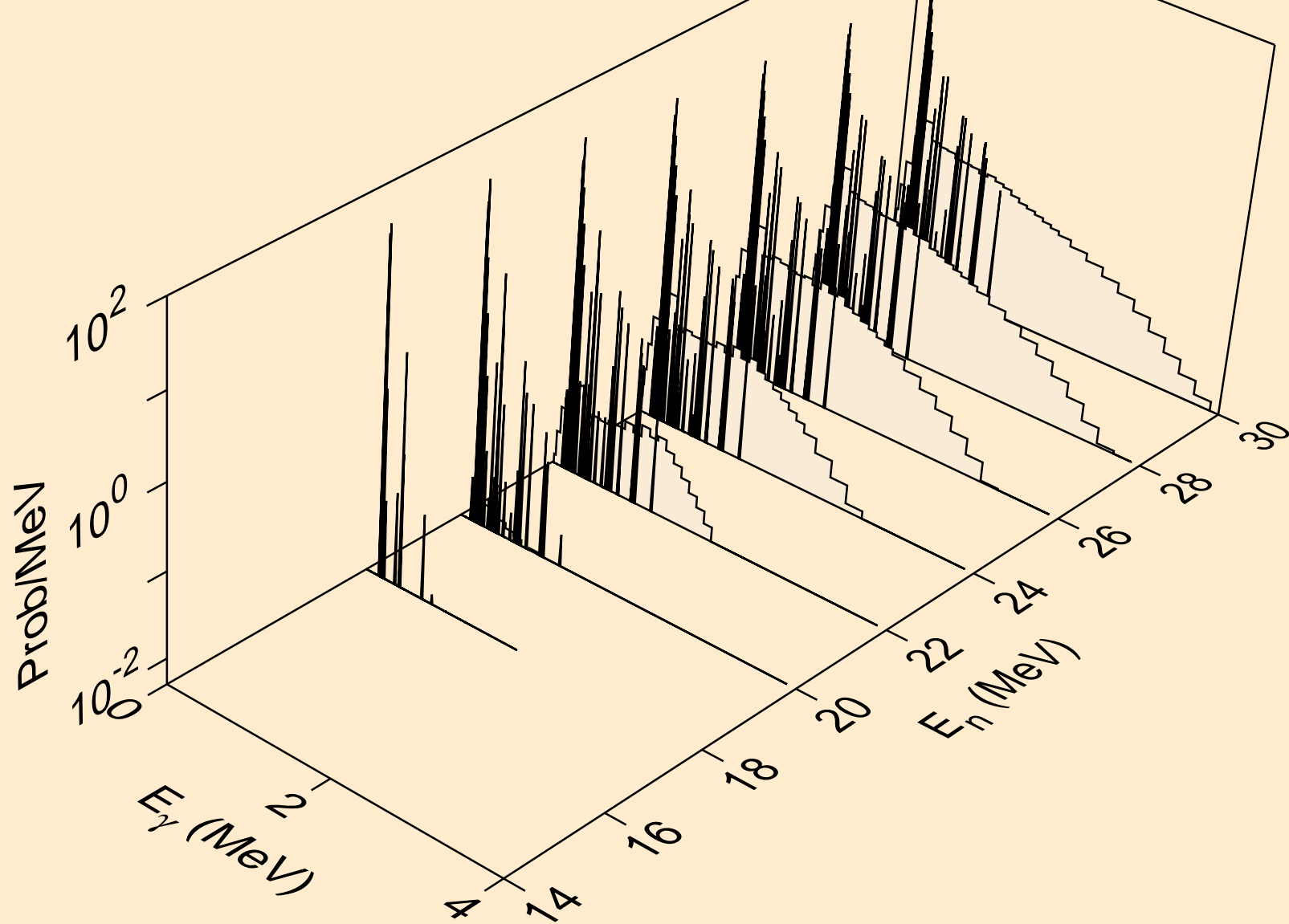
HF183 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



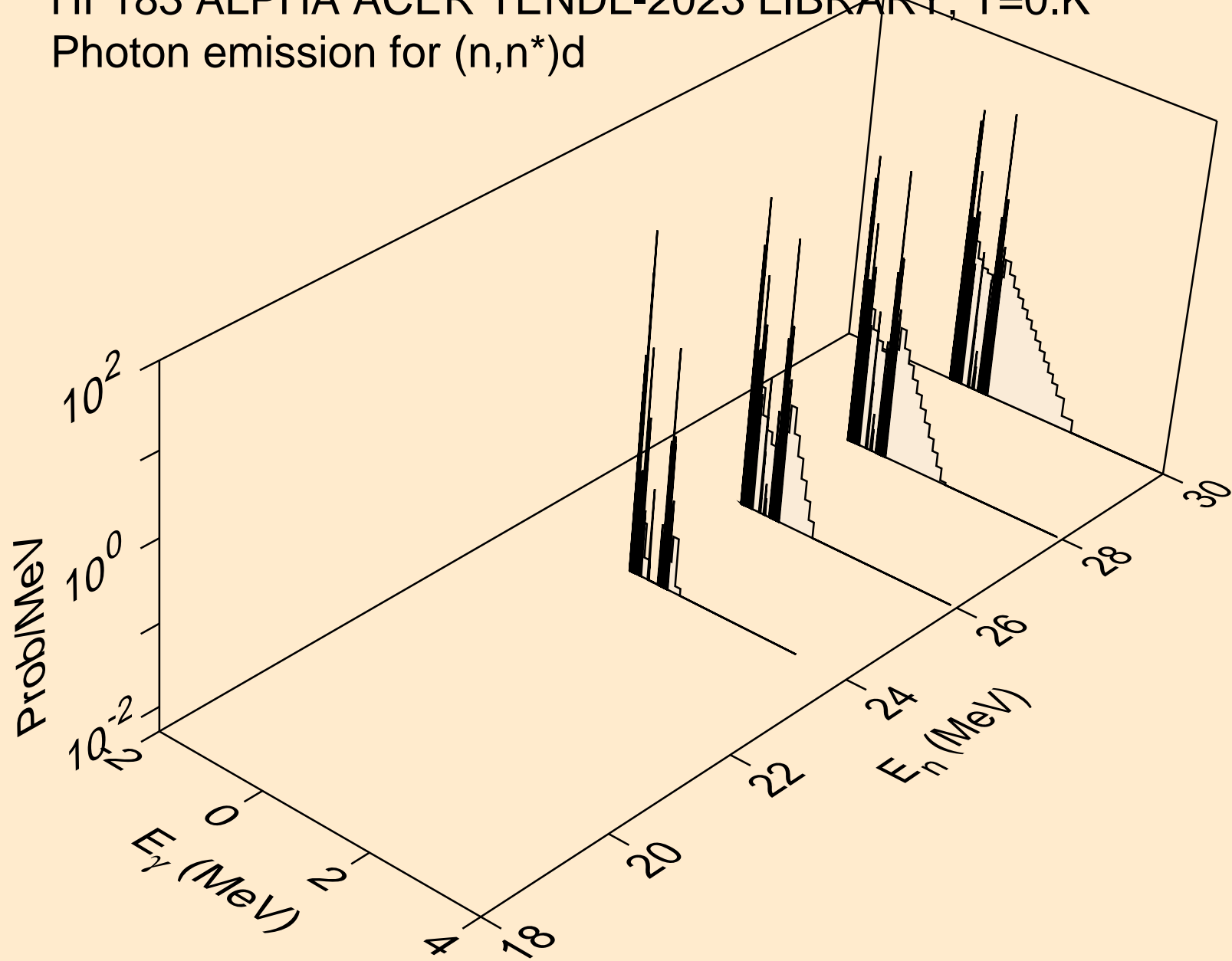
HF183 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



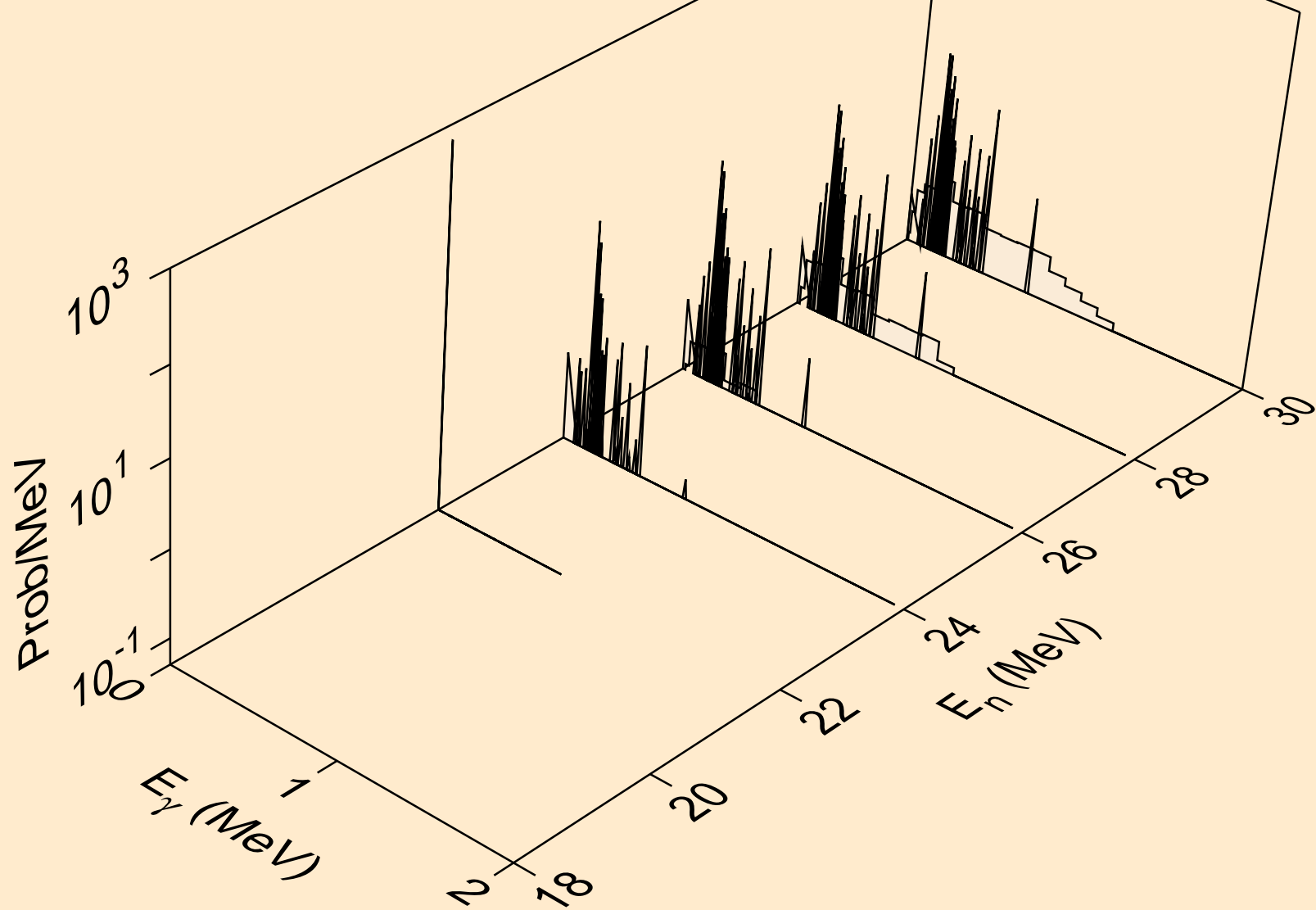
HF183 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



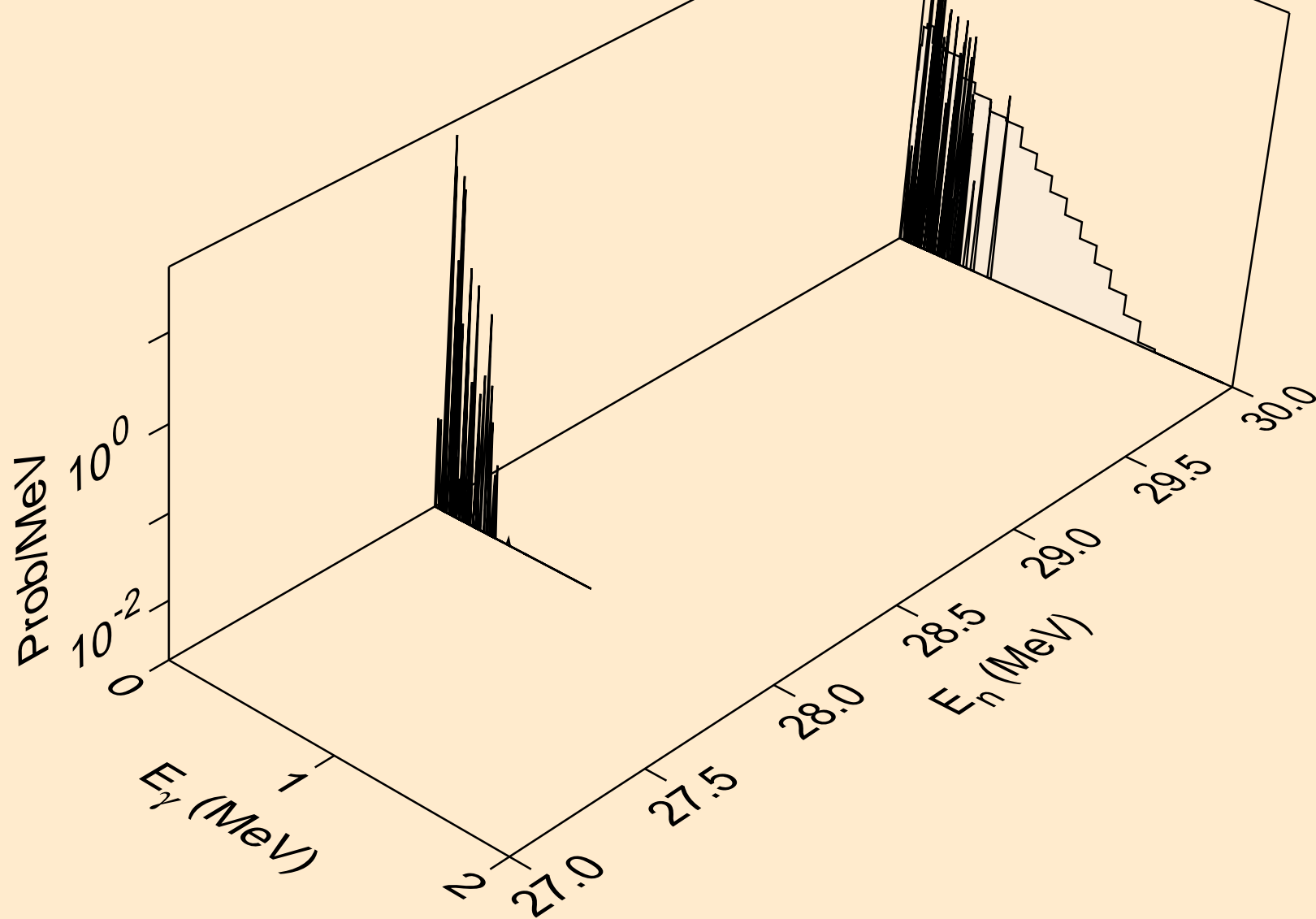
HF183 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



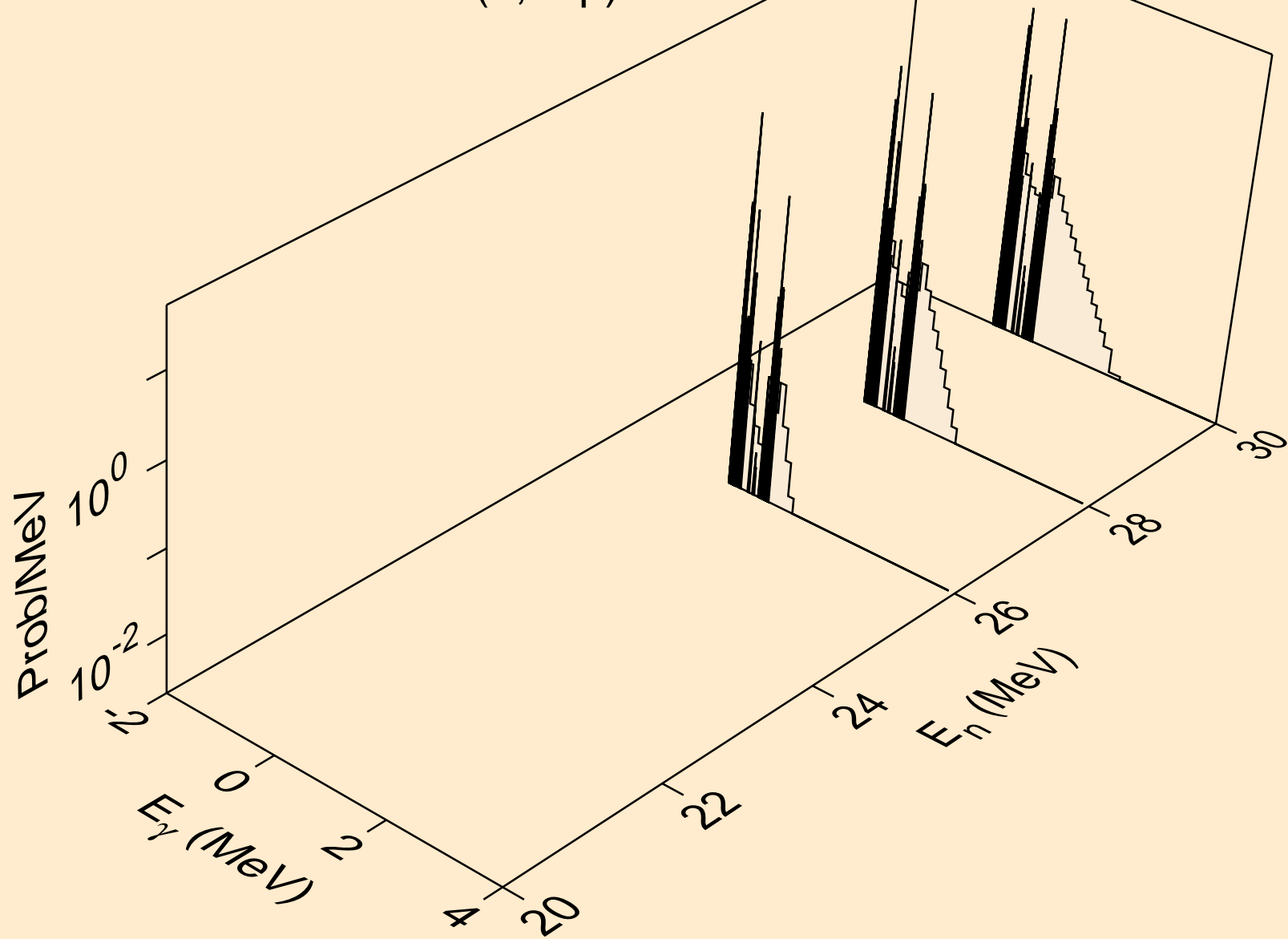
HF183 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



HF183 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)

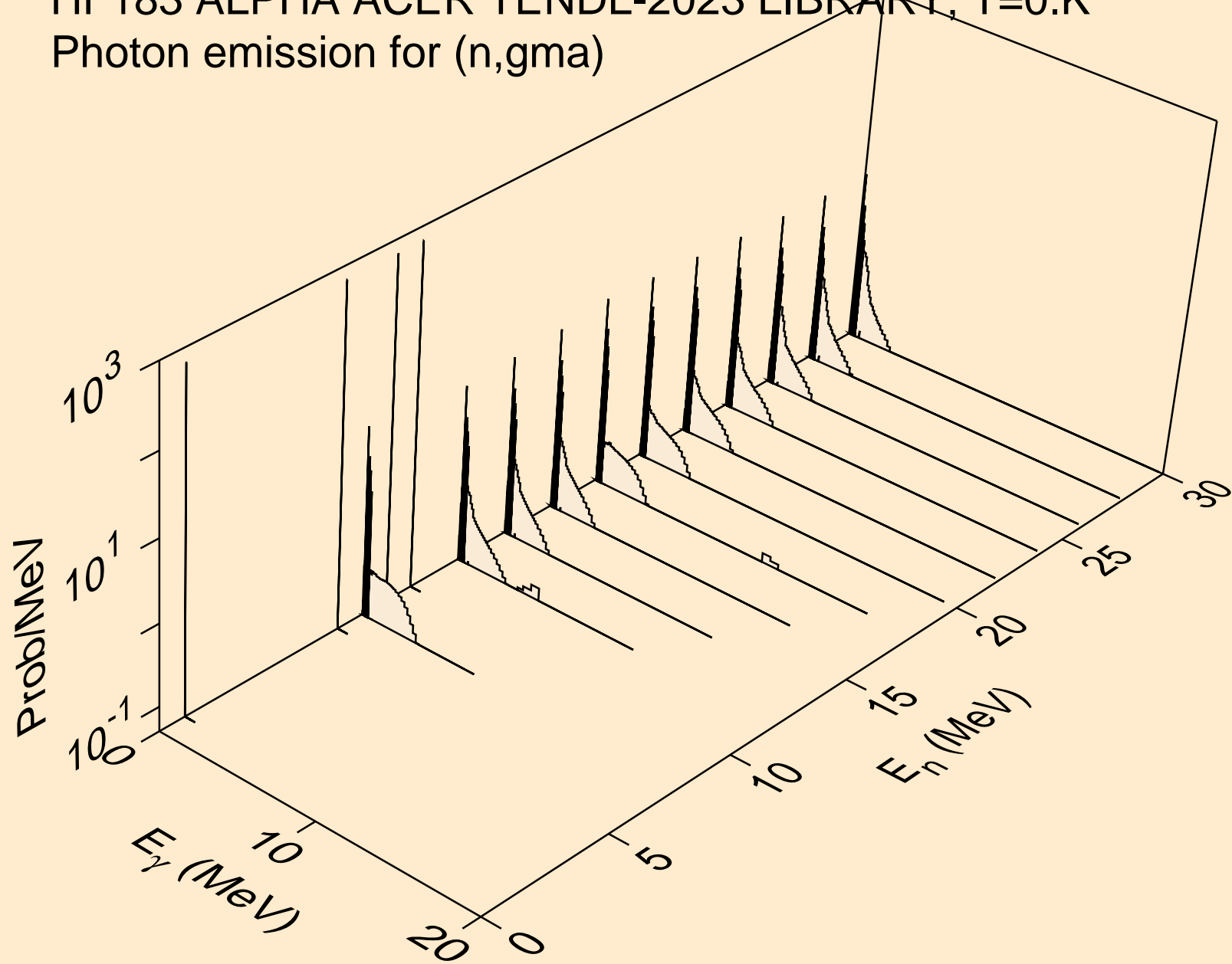


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Photon emission for (n,2np)

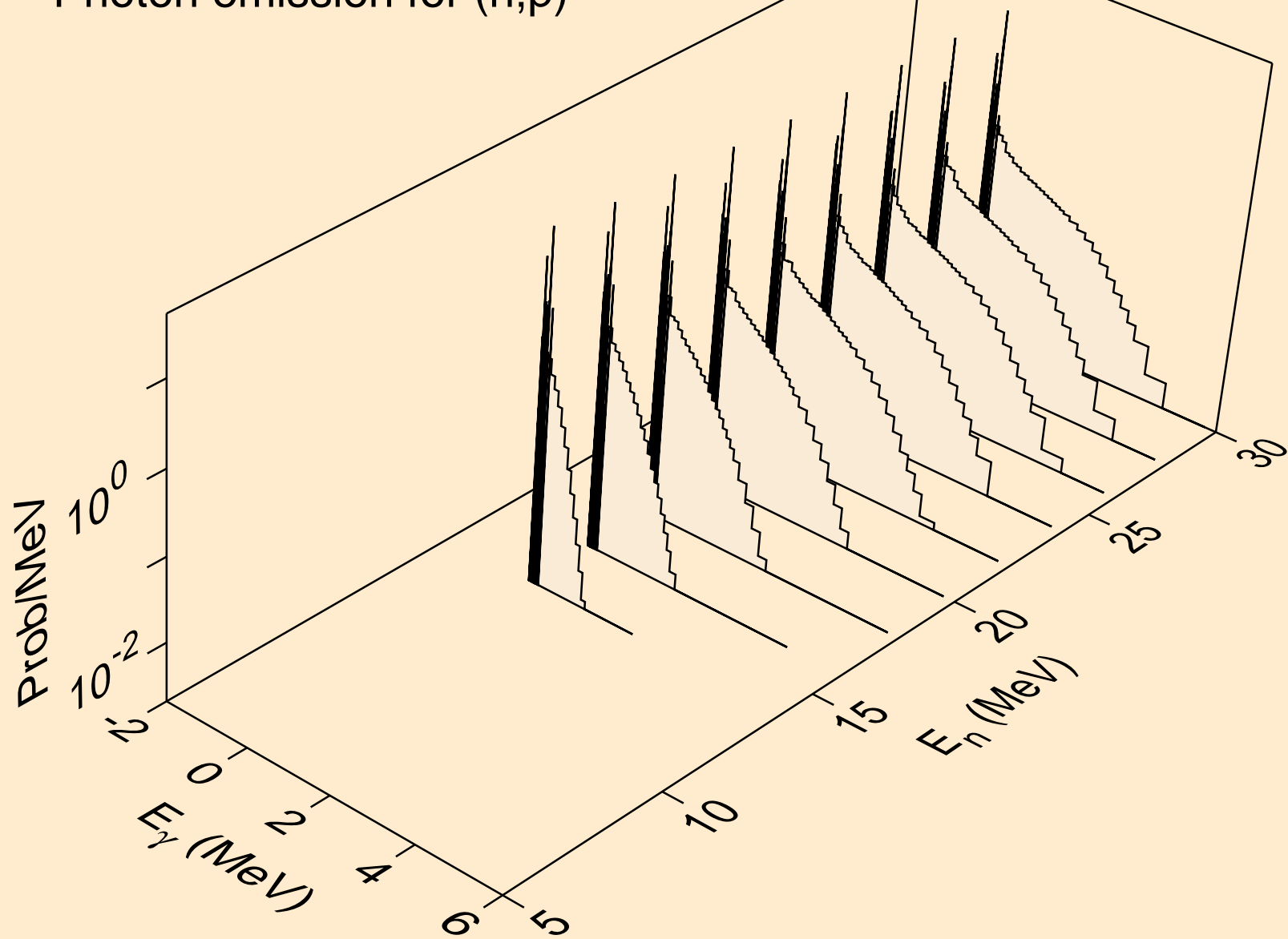




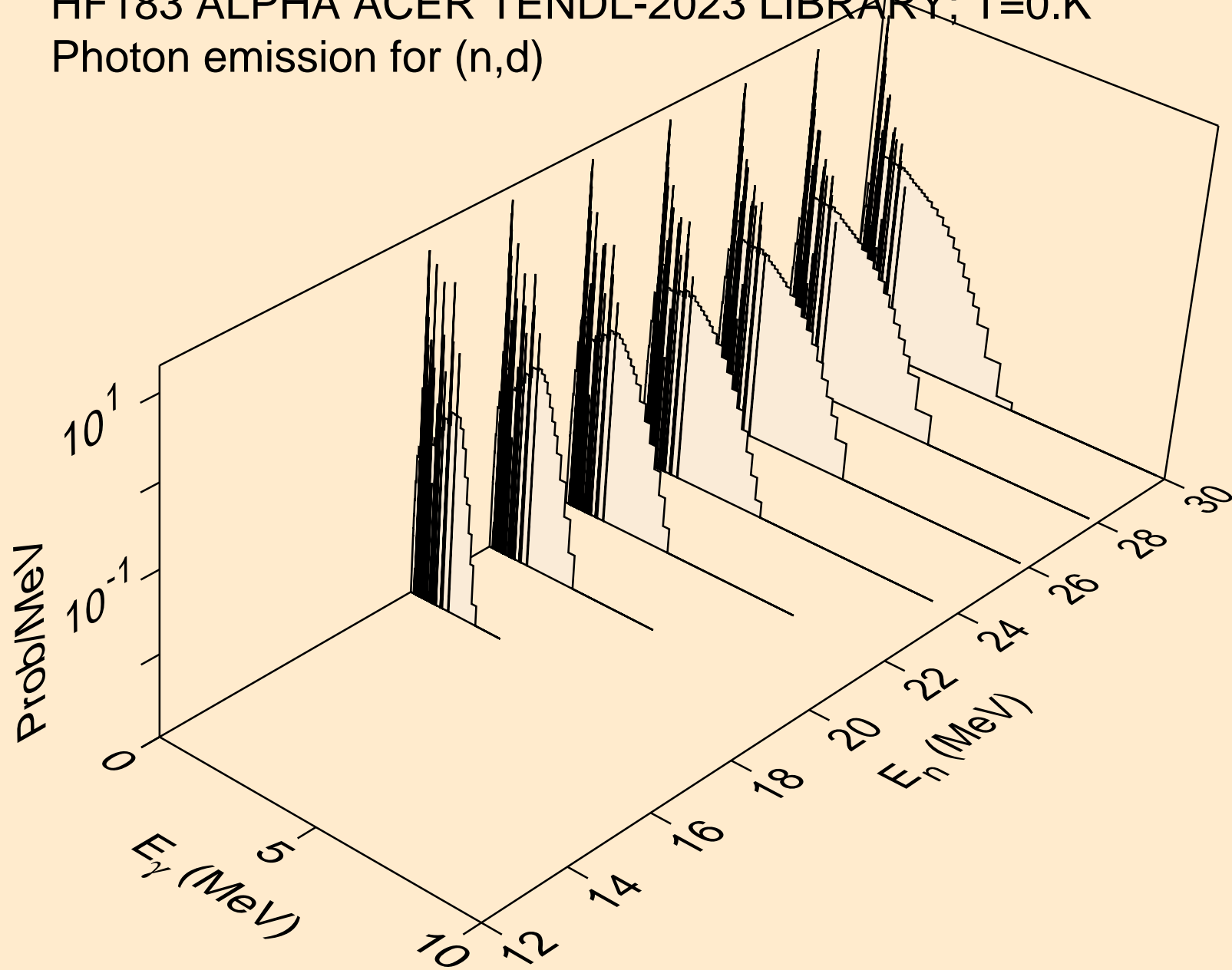
HF183 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



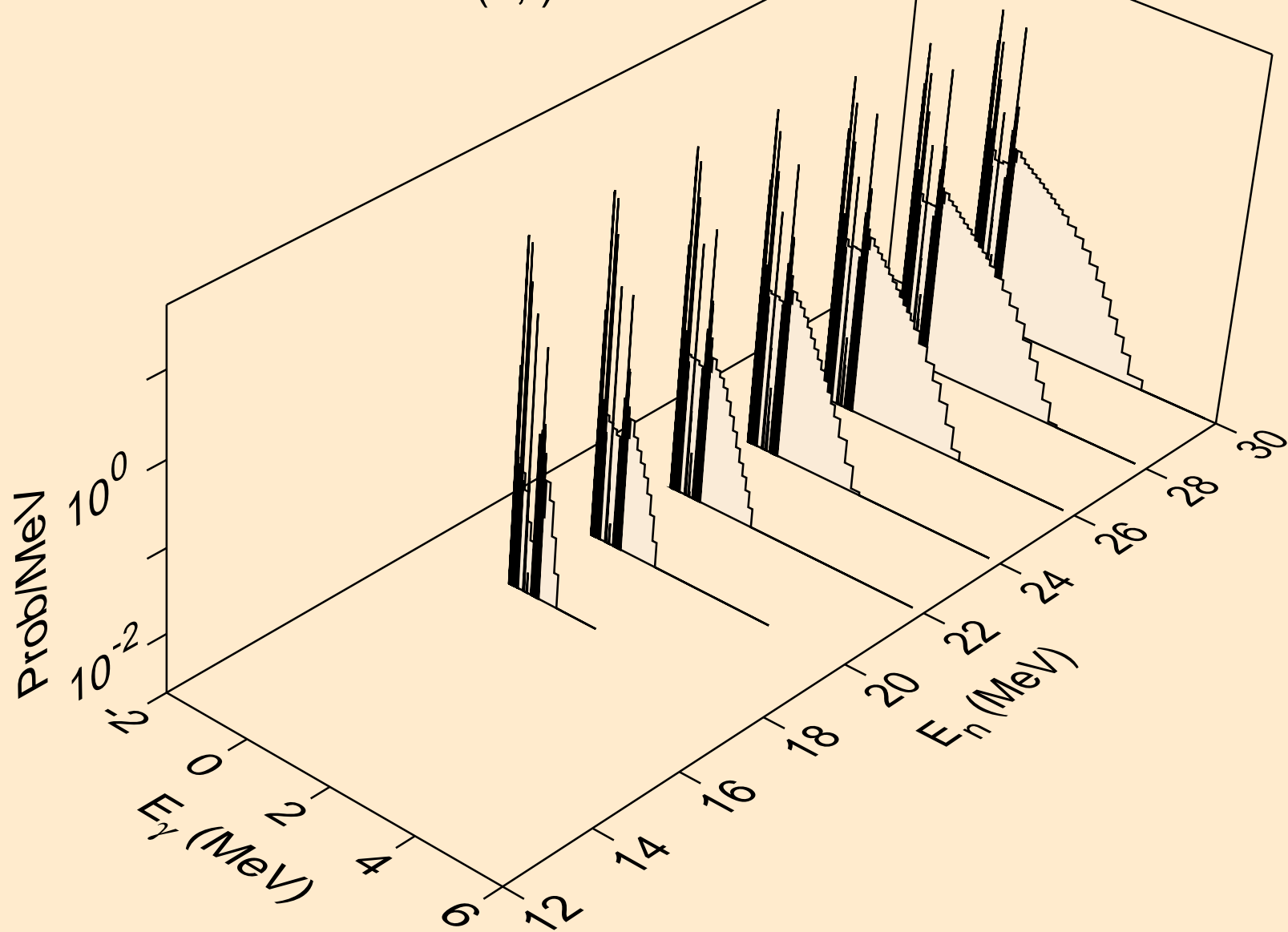
HF183 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



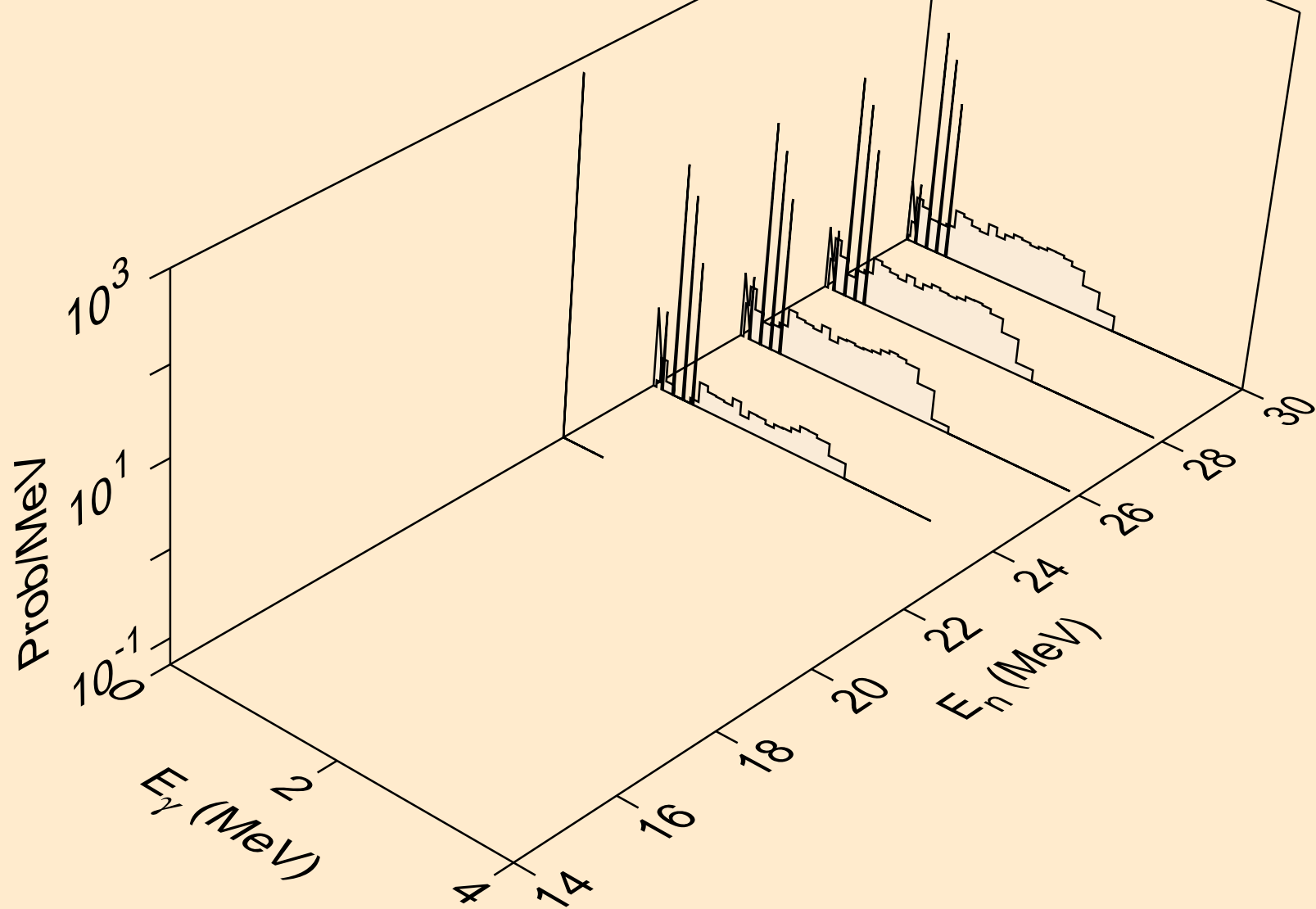
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Photon emission for (n,d)



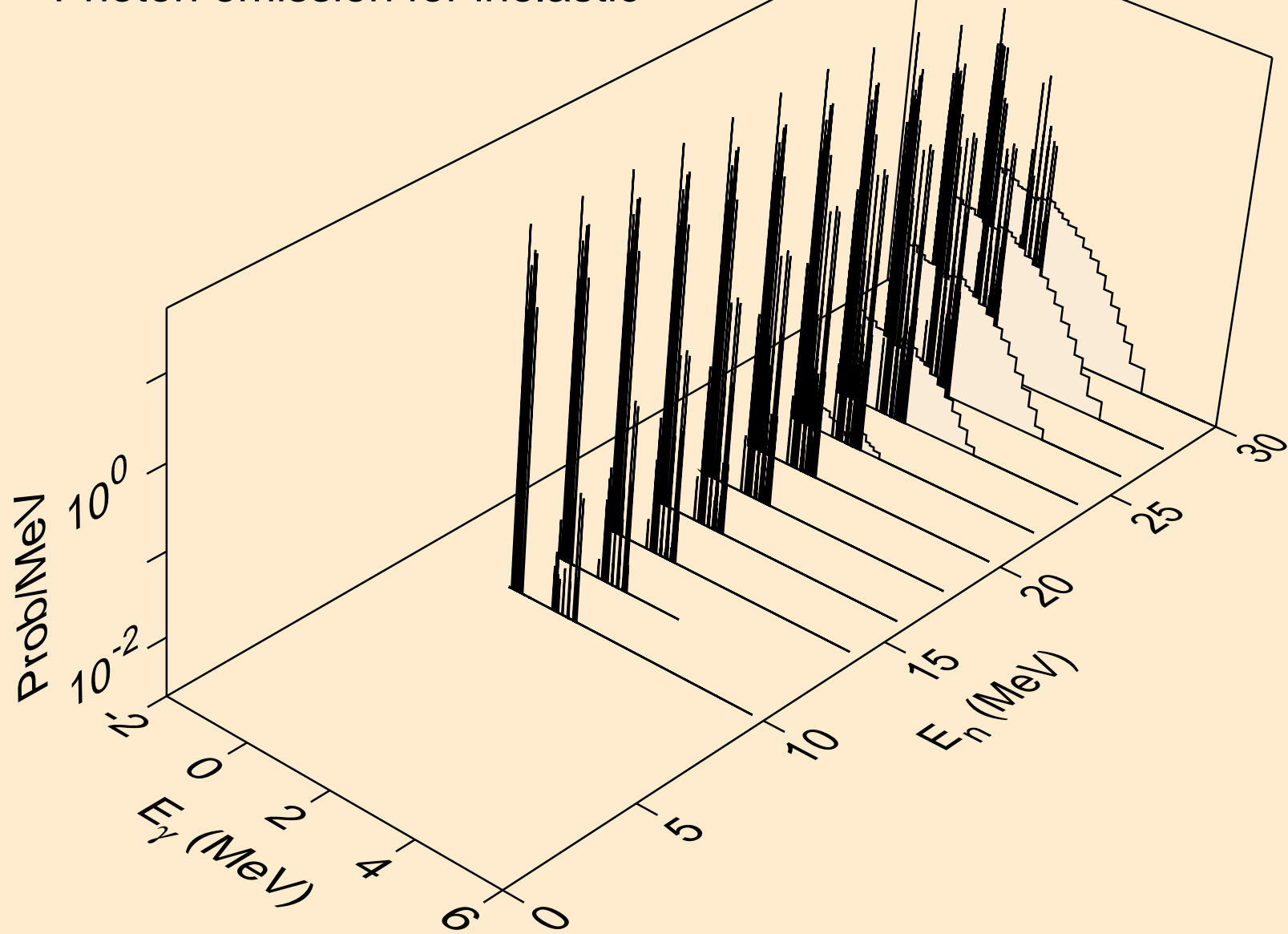
HF183 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



HF183 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)

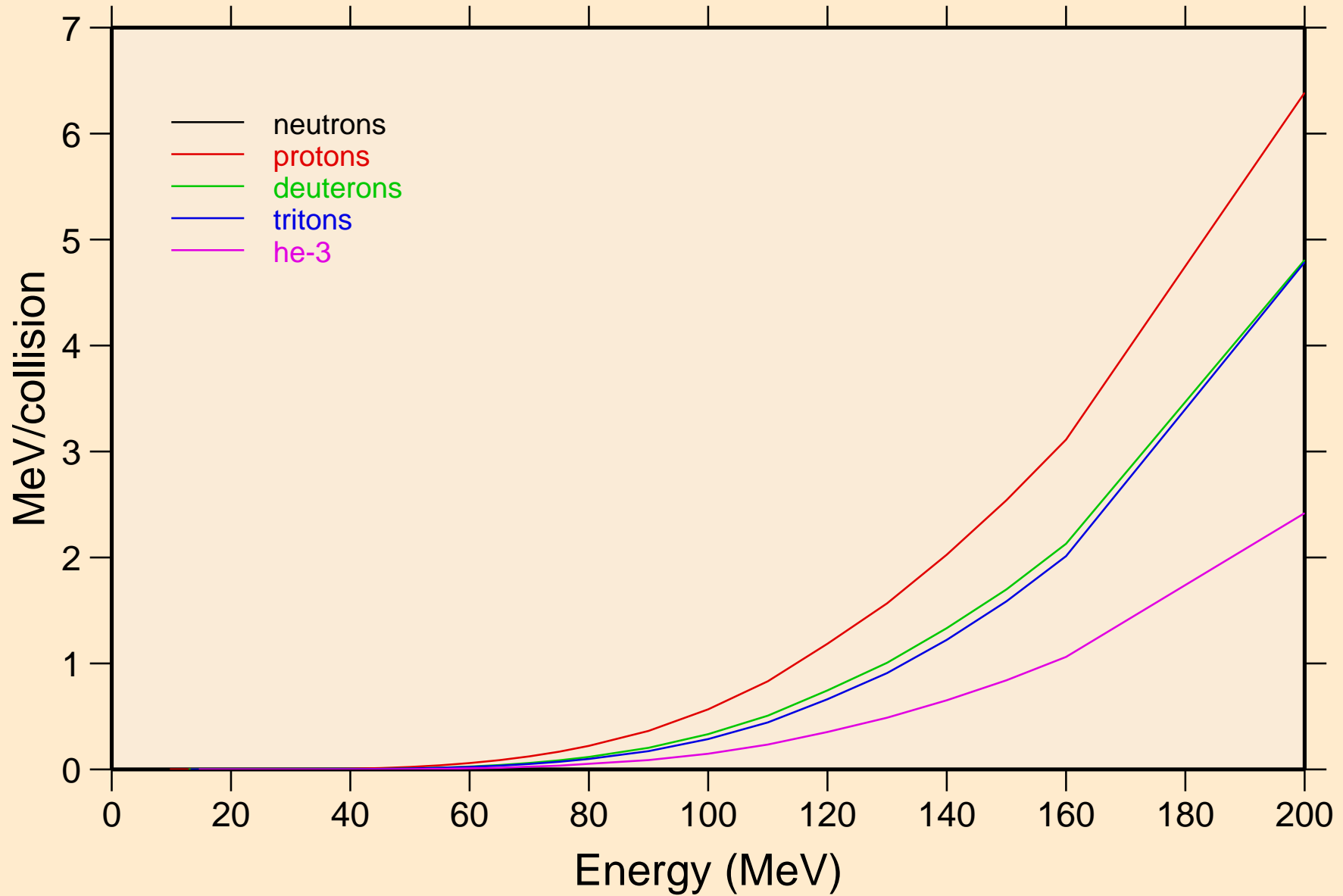


HF183 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

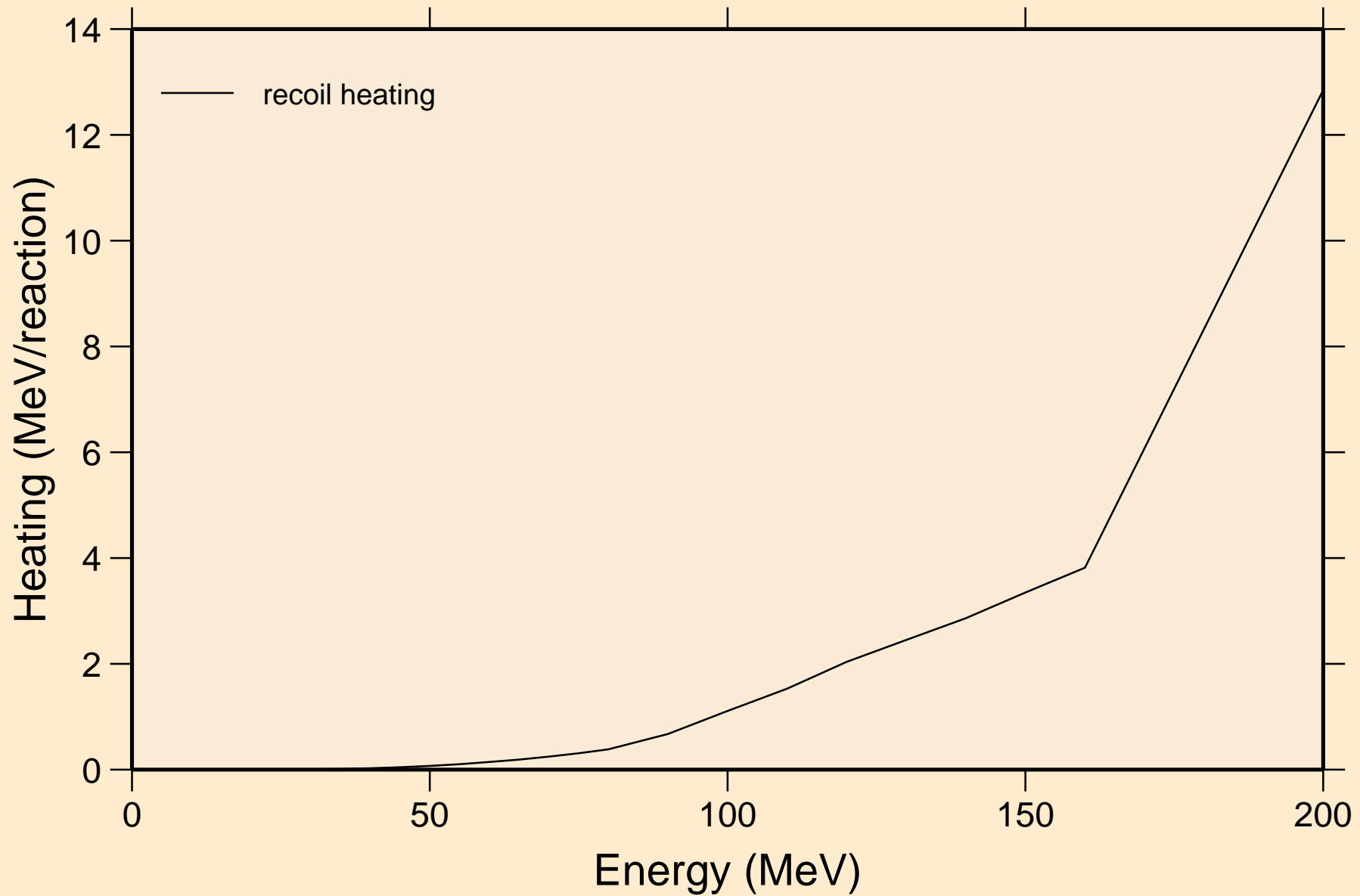


# HF183 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions

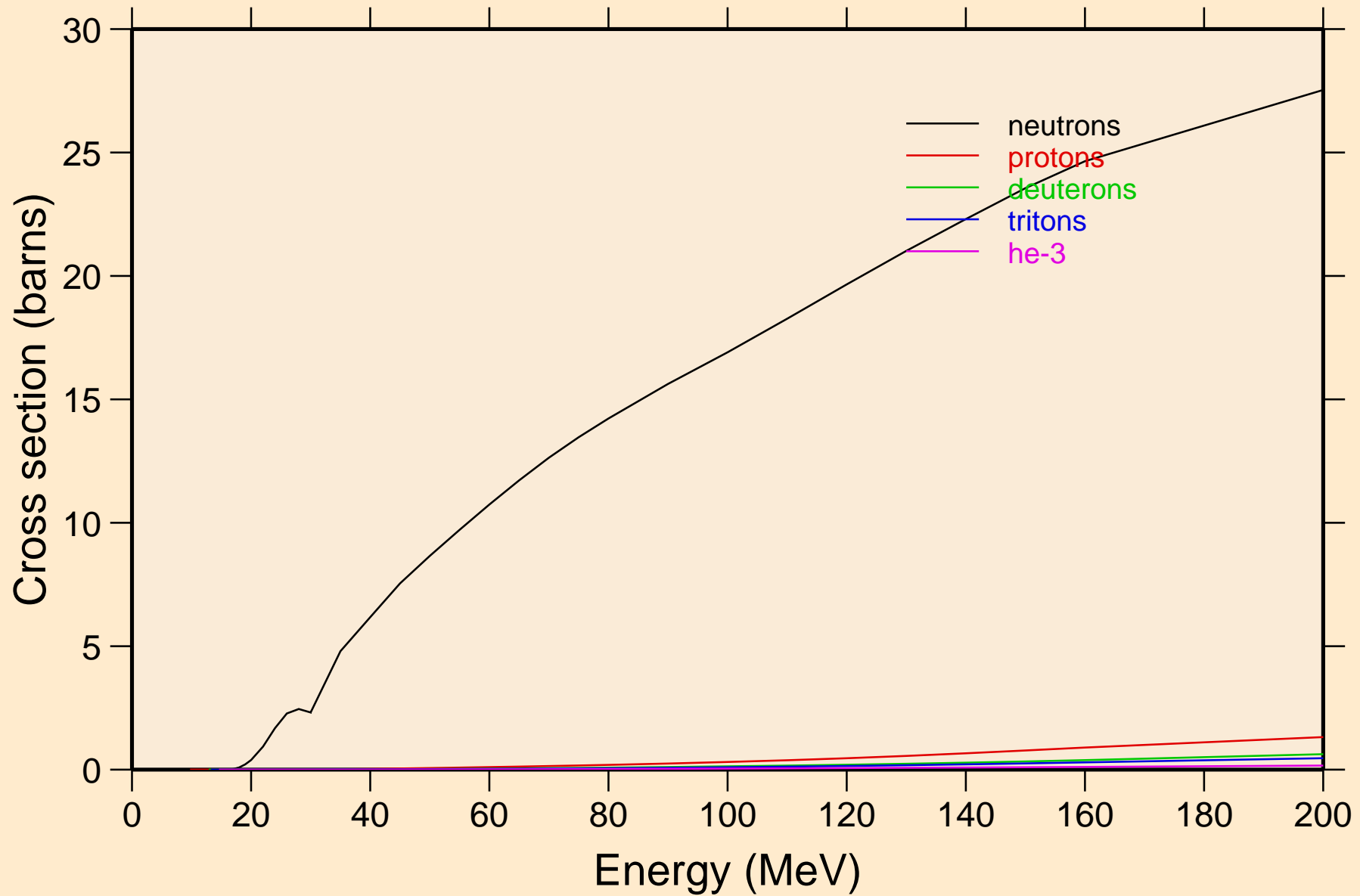


HF183 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

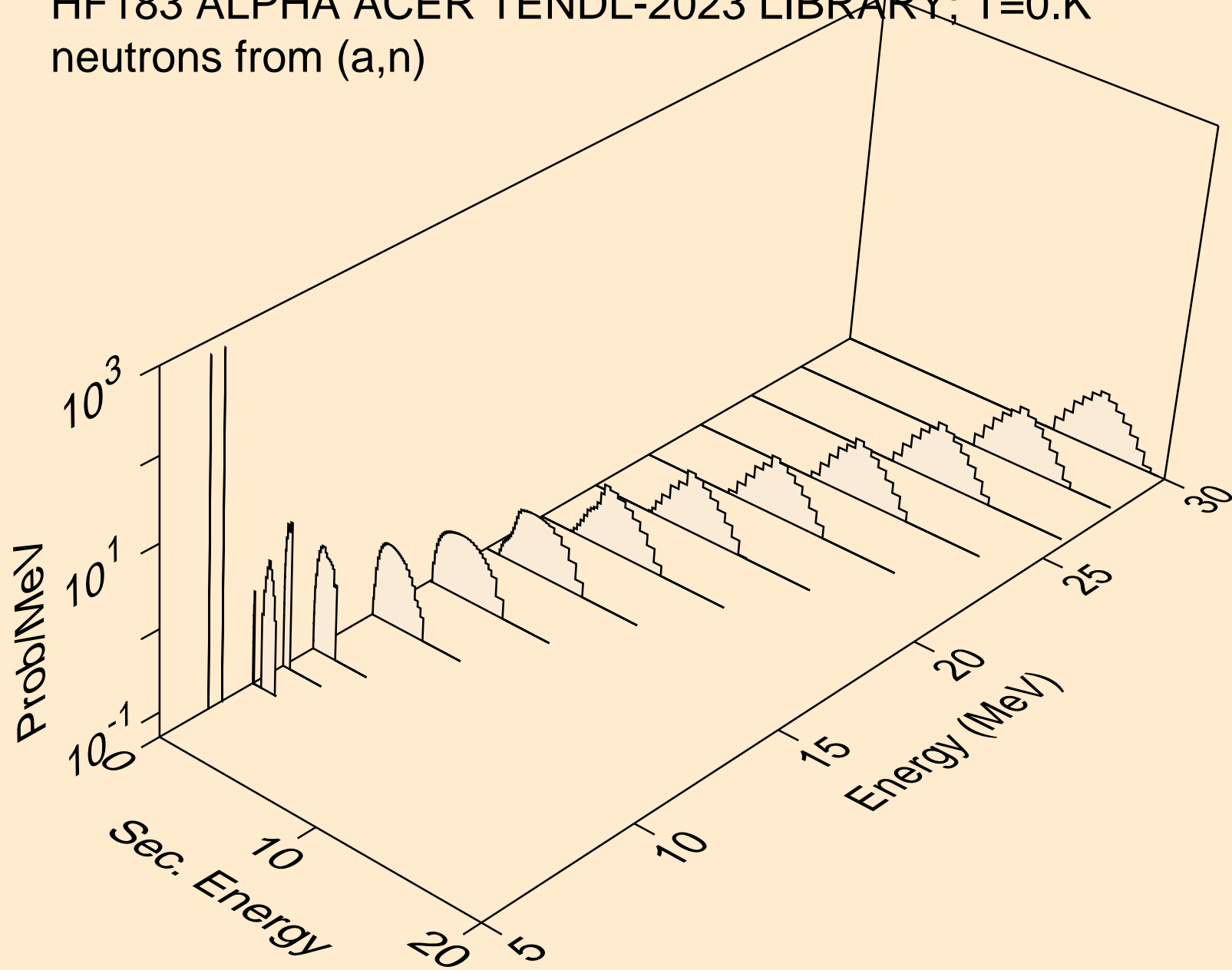




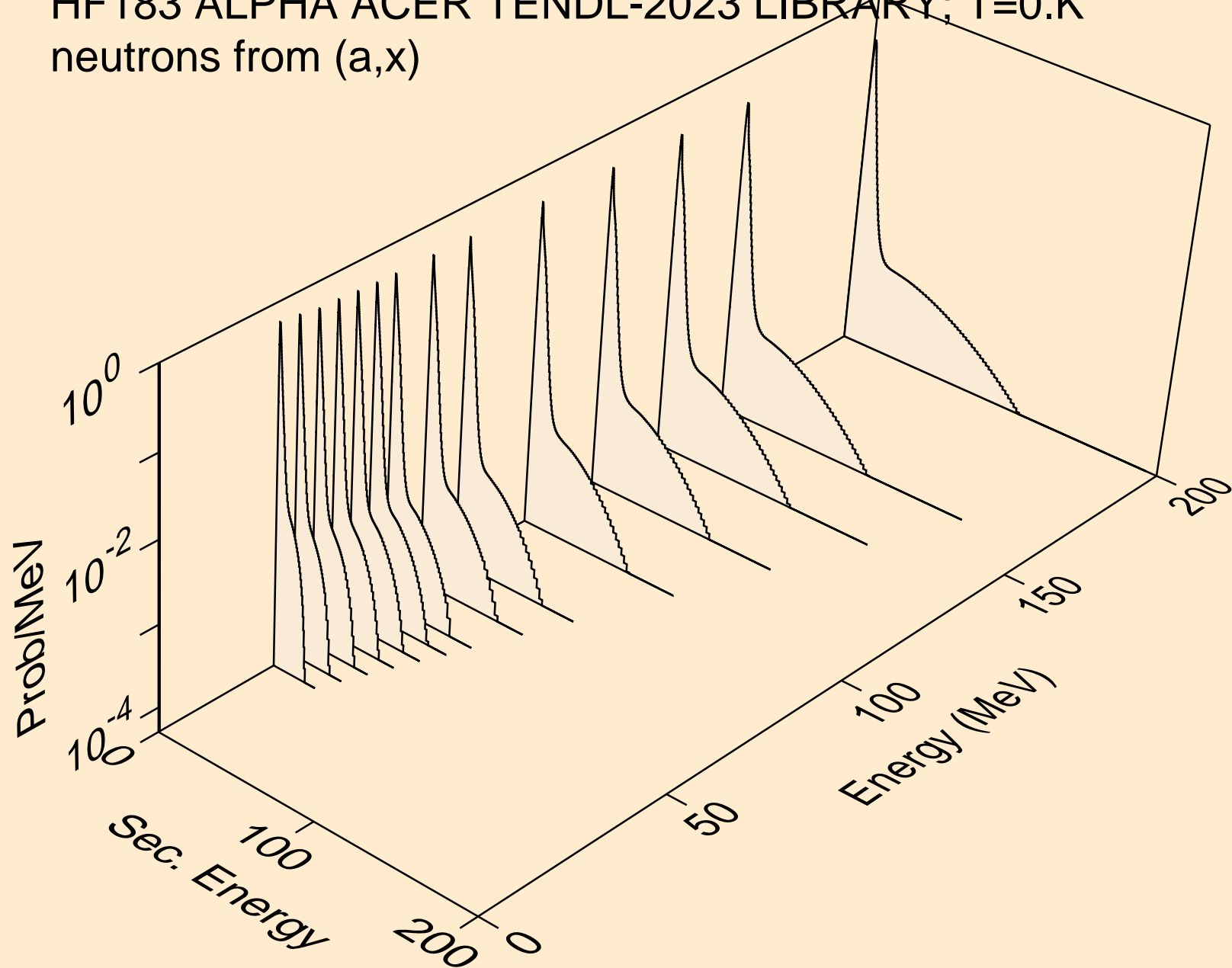
HF183 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



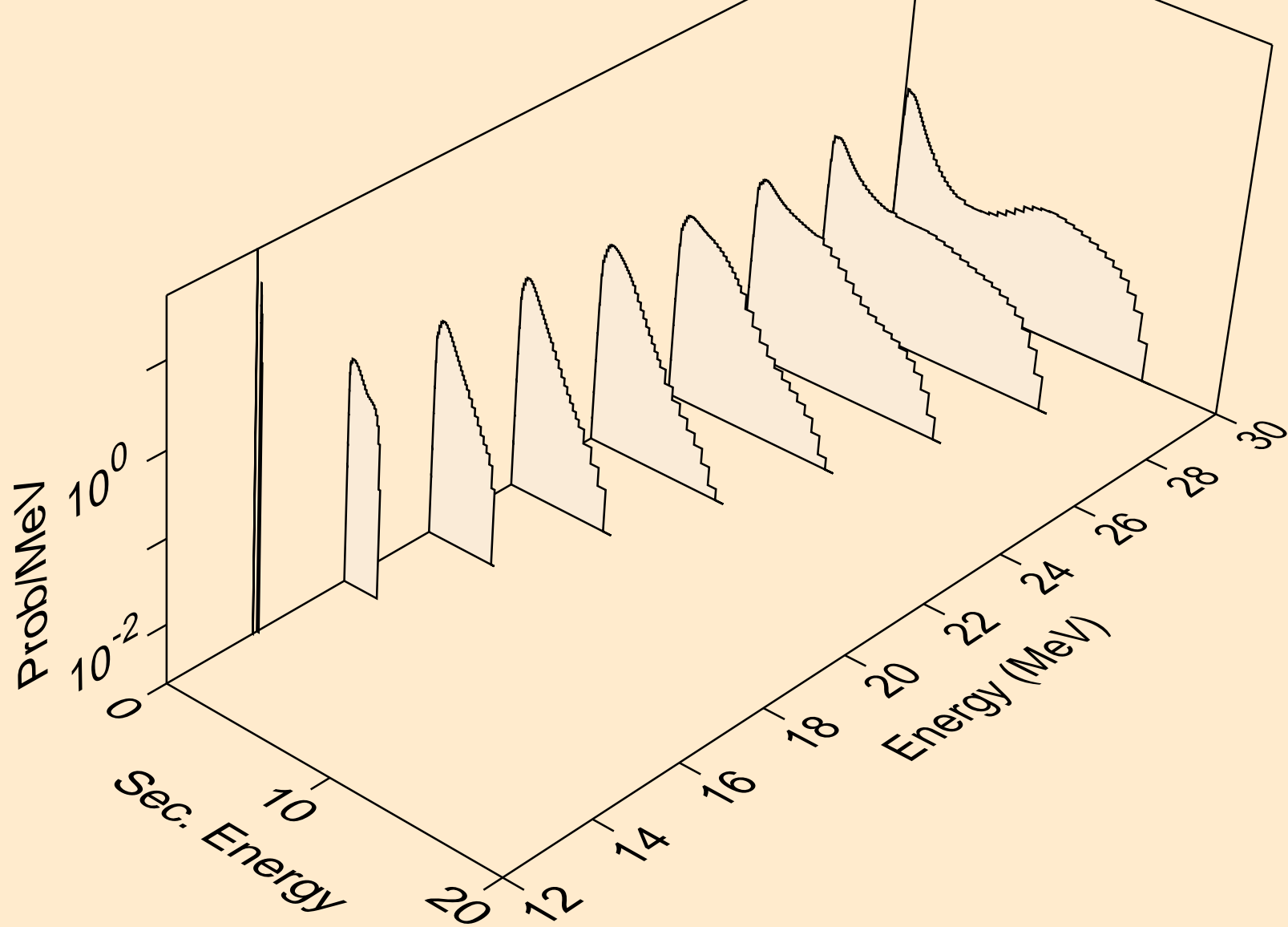
HF183 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)



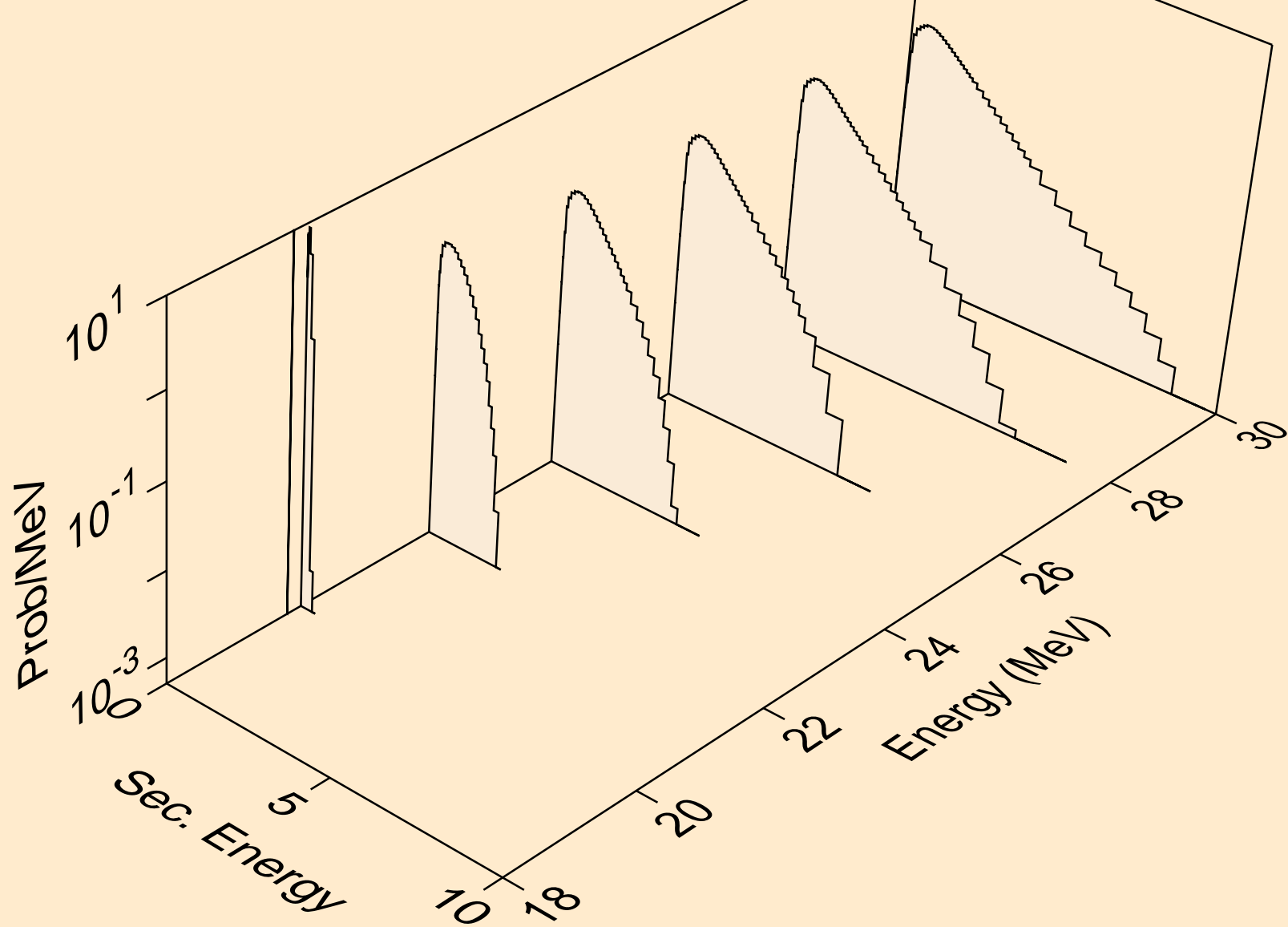
HF183 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)



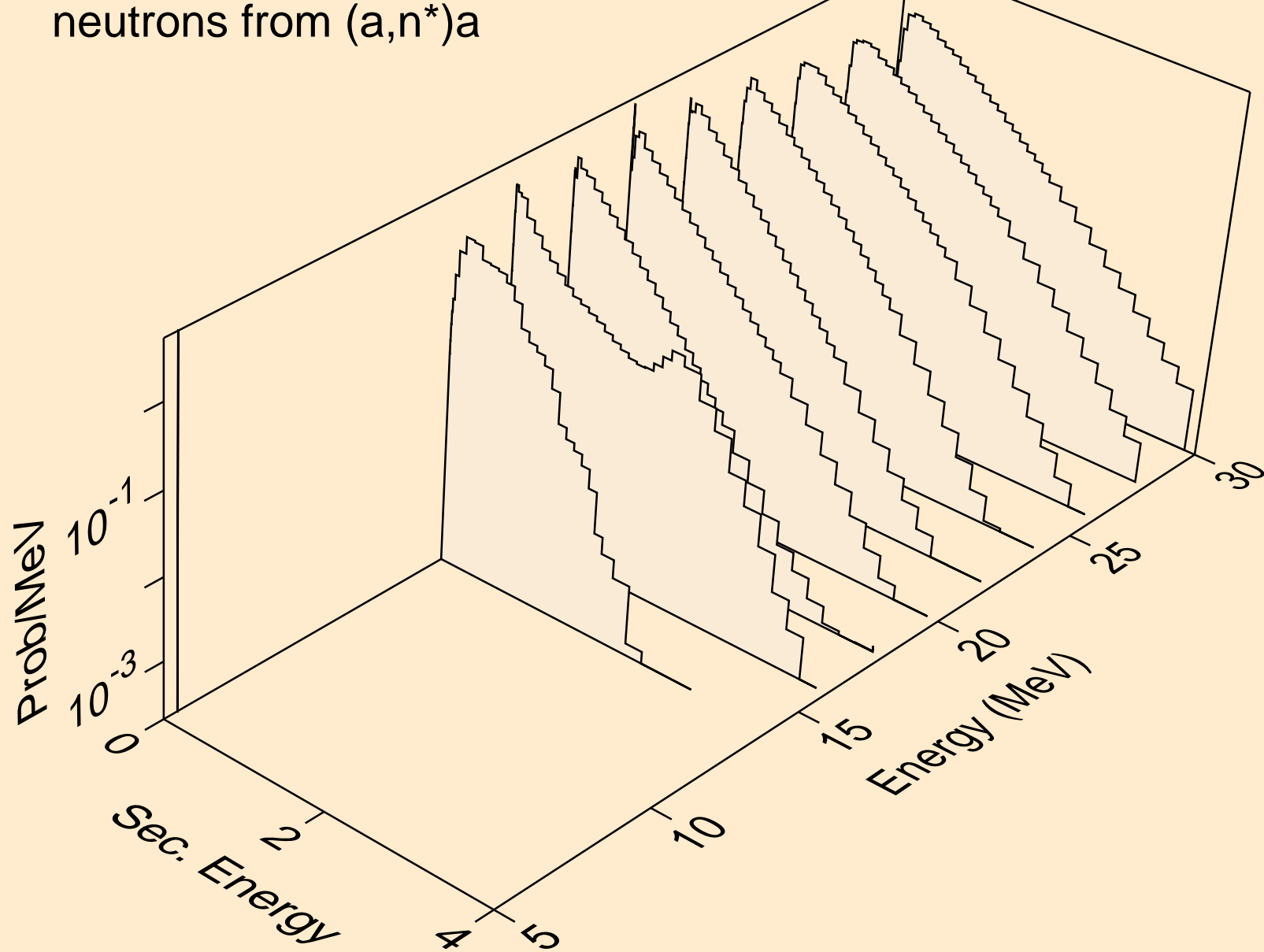
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neutrons from (a,2n)



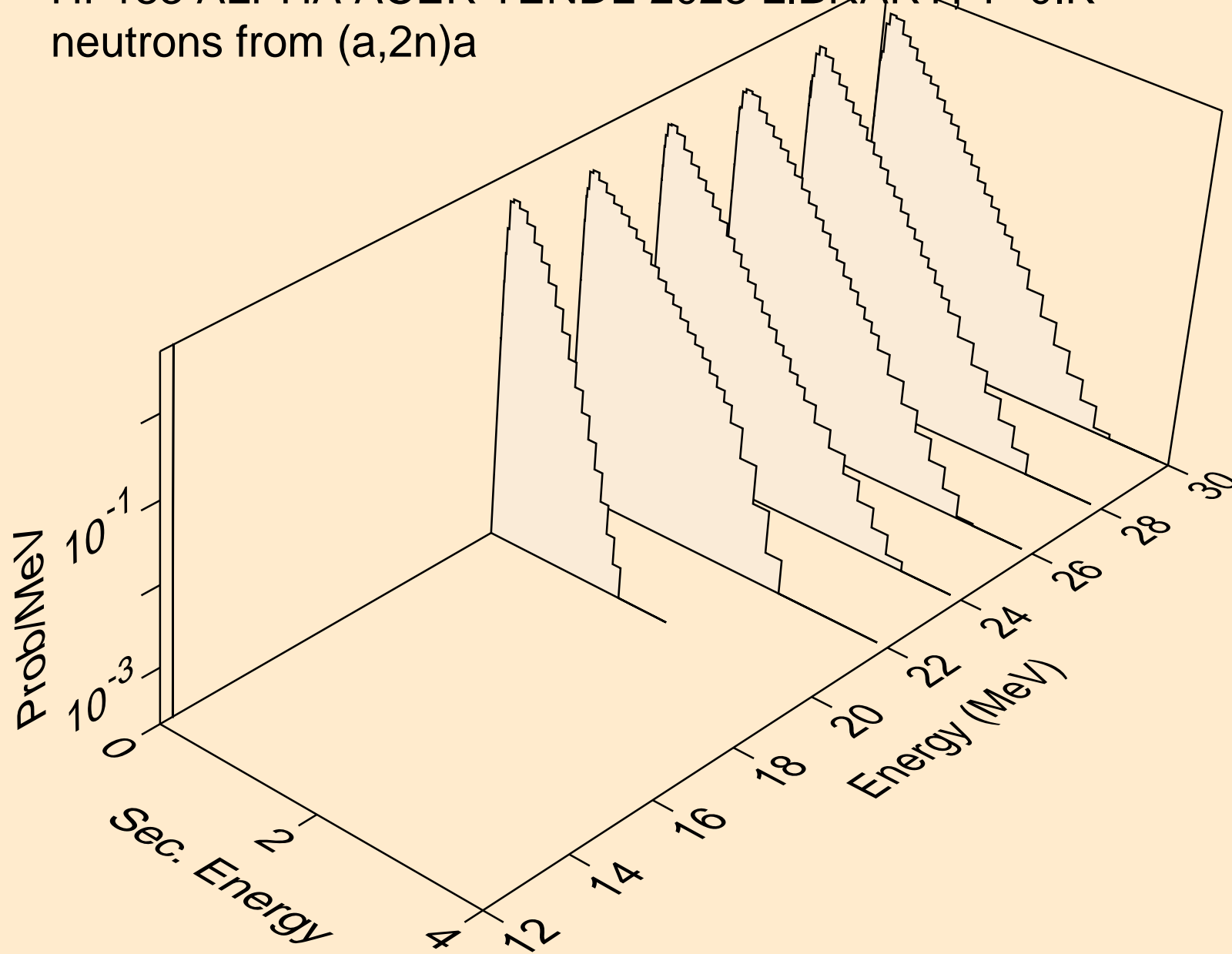
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neutrons from (a,3n)



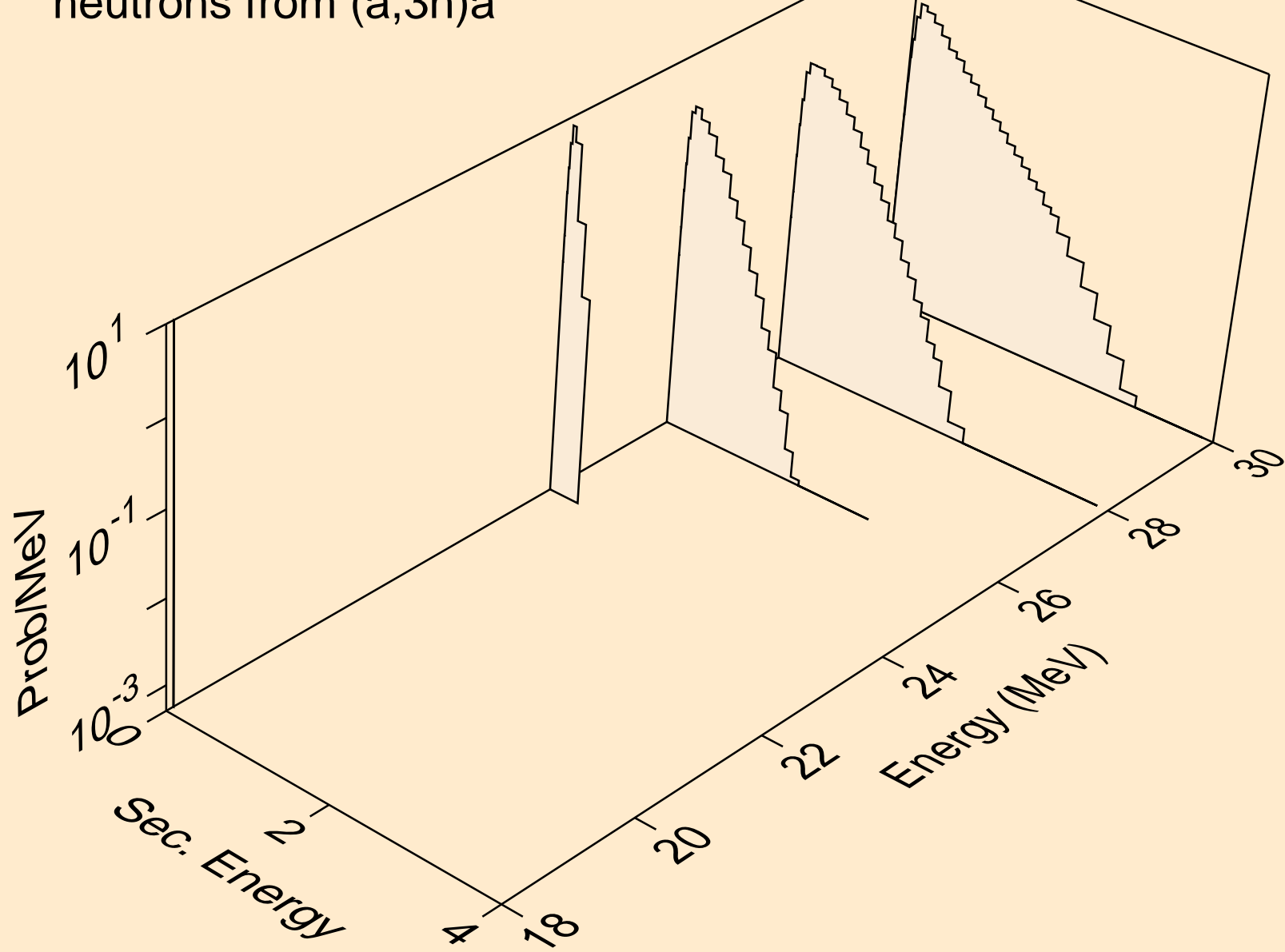
HF183 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a



HF183 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)a

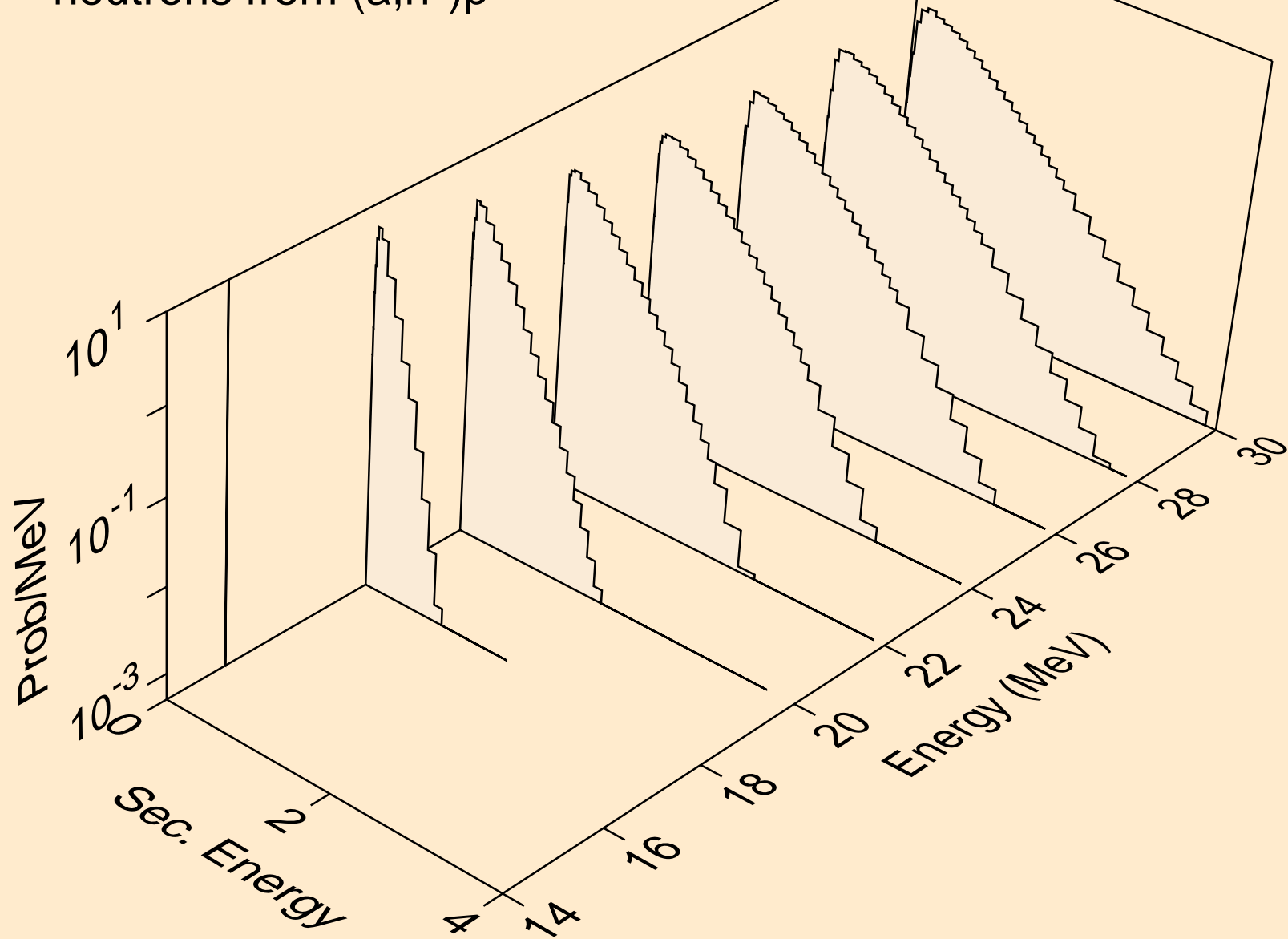


HF183 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3n)a

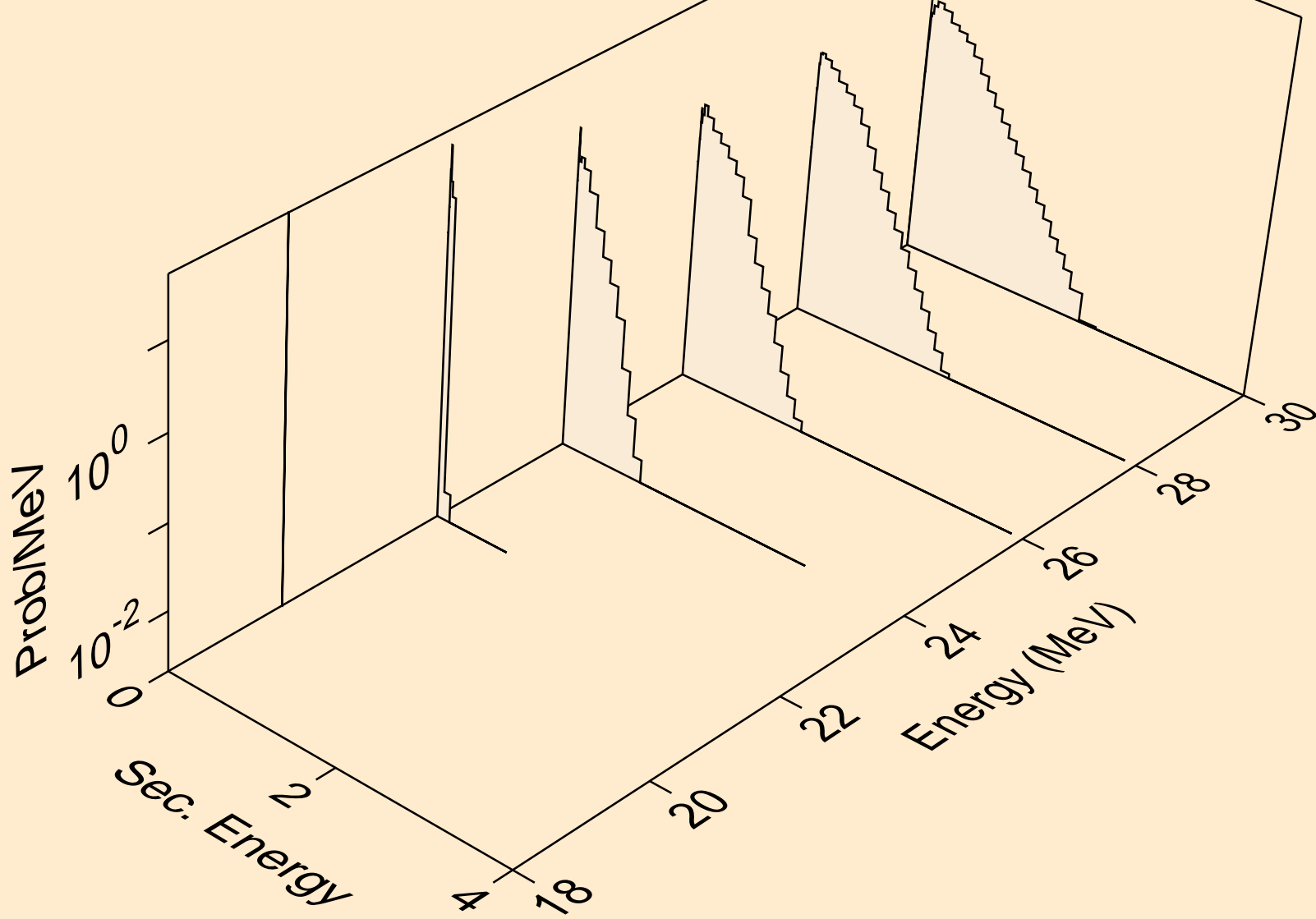




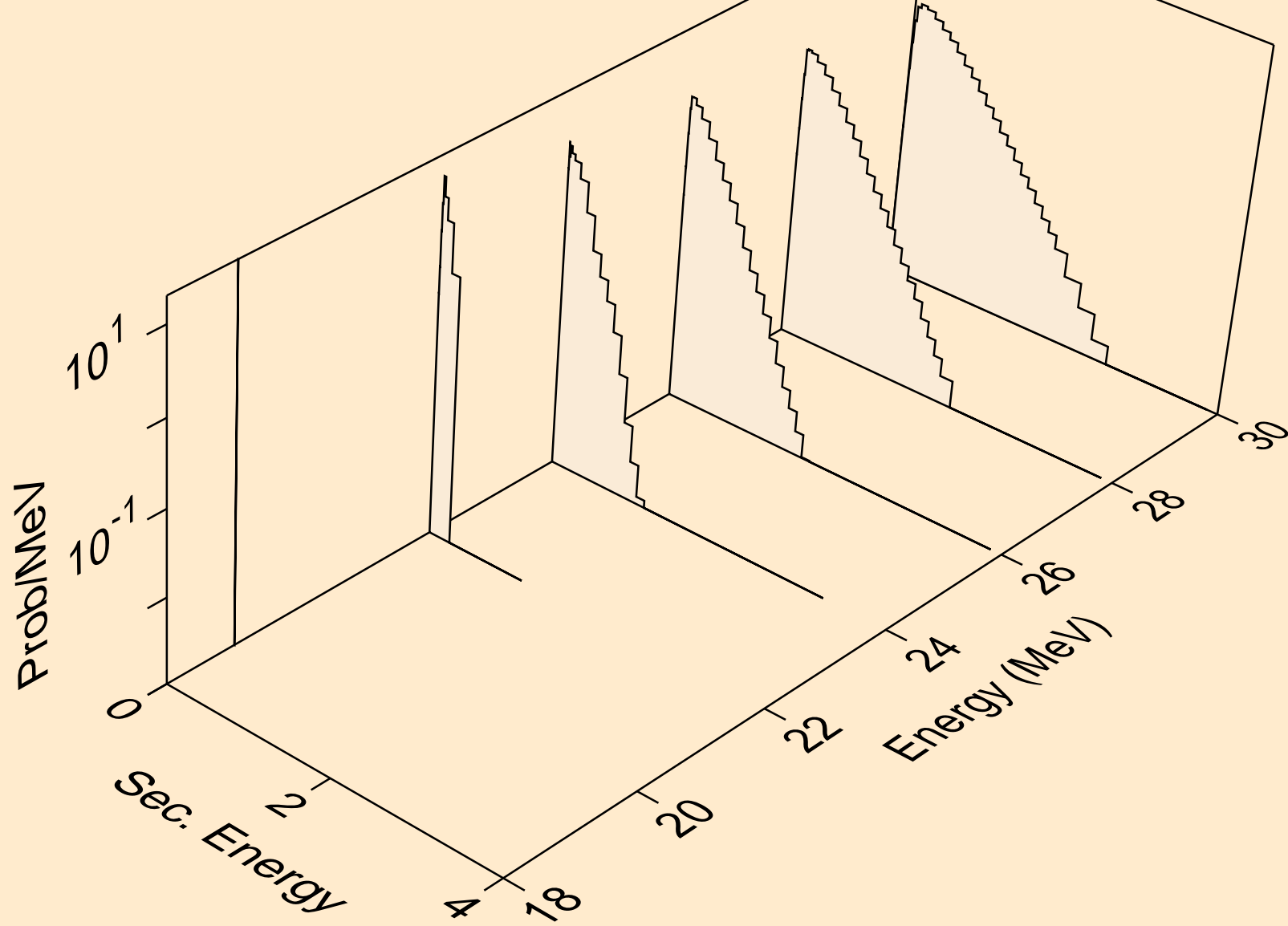
HF183 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
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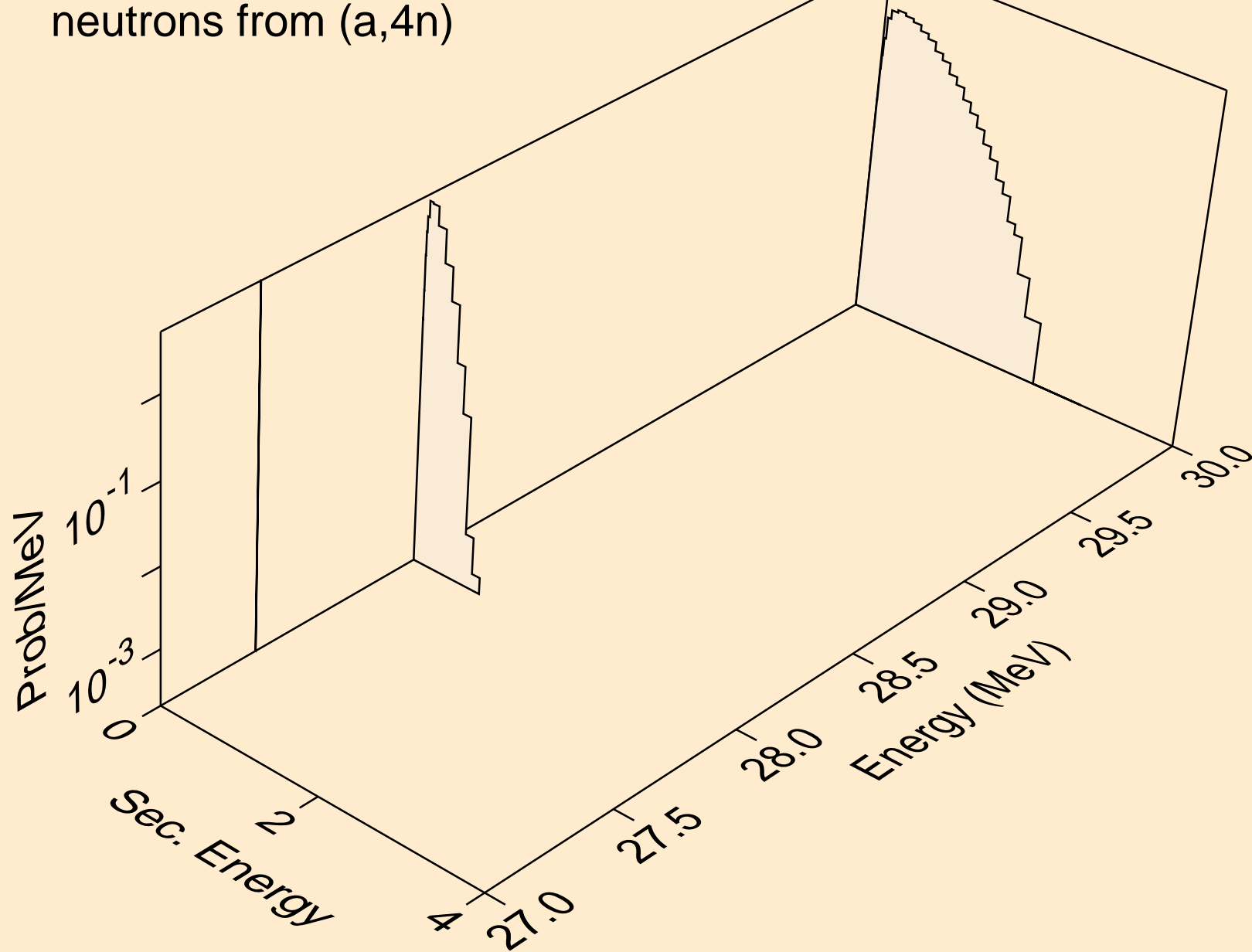
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neutrons from (a,n\*)d



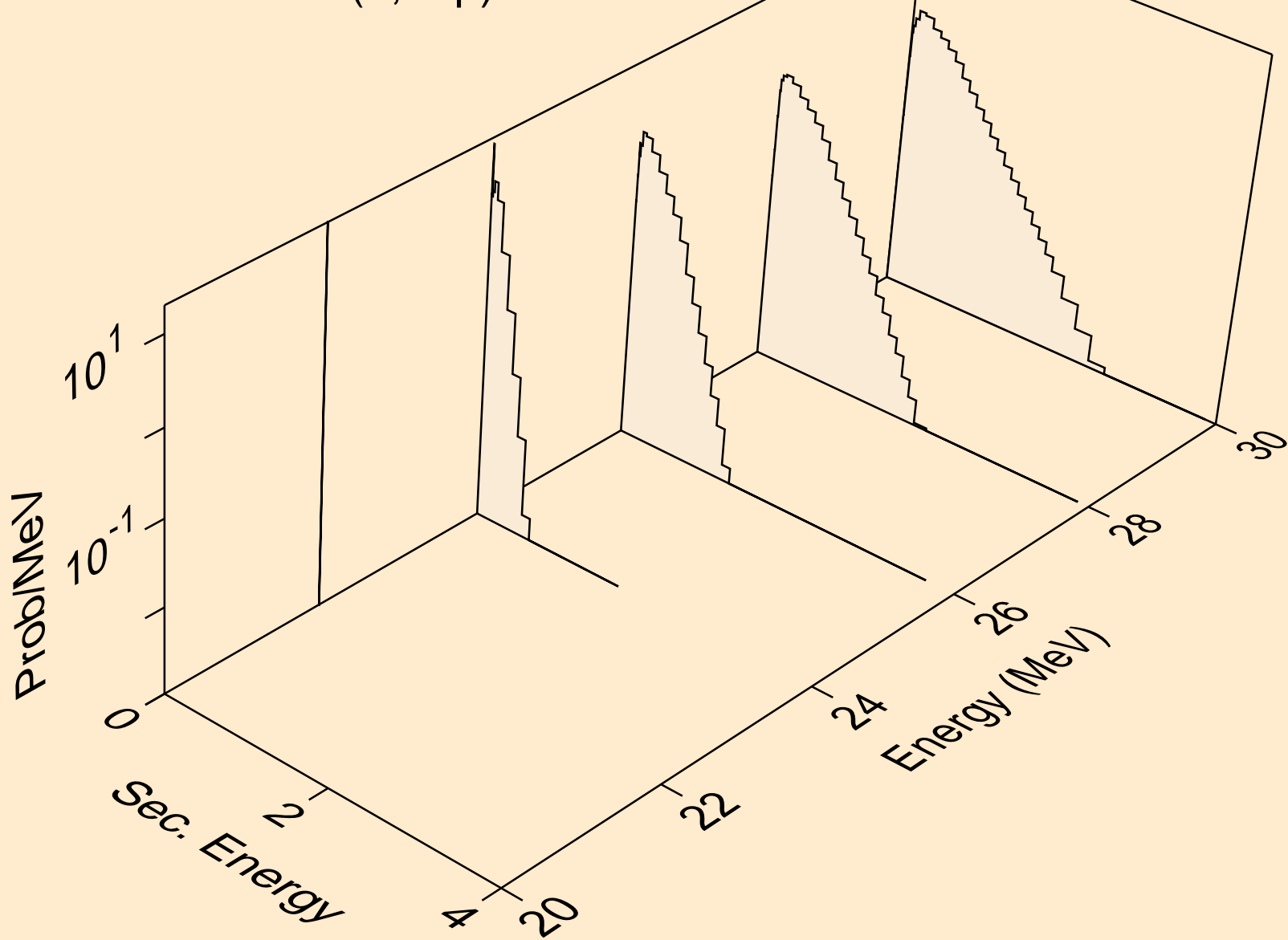
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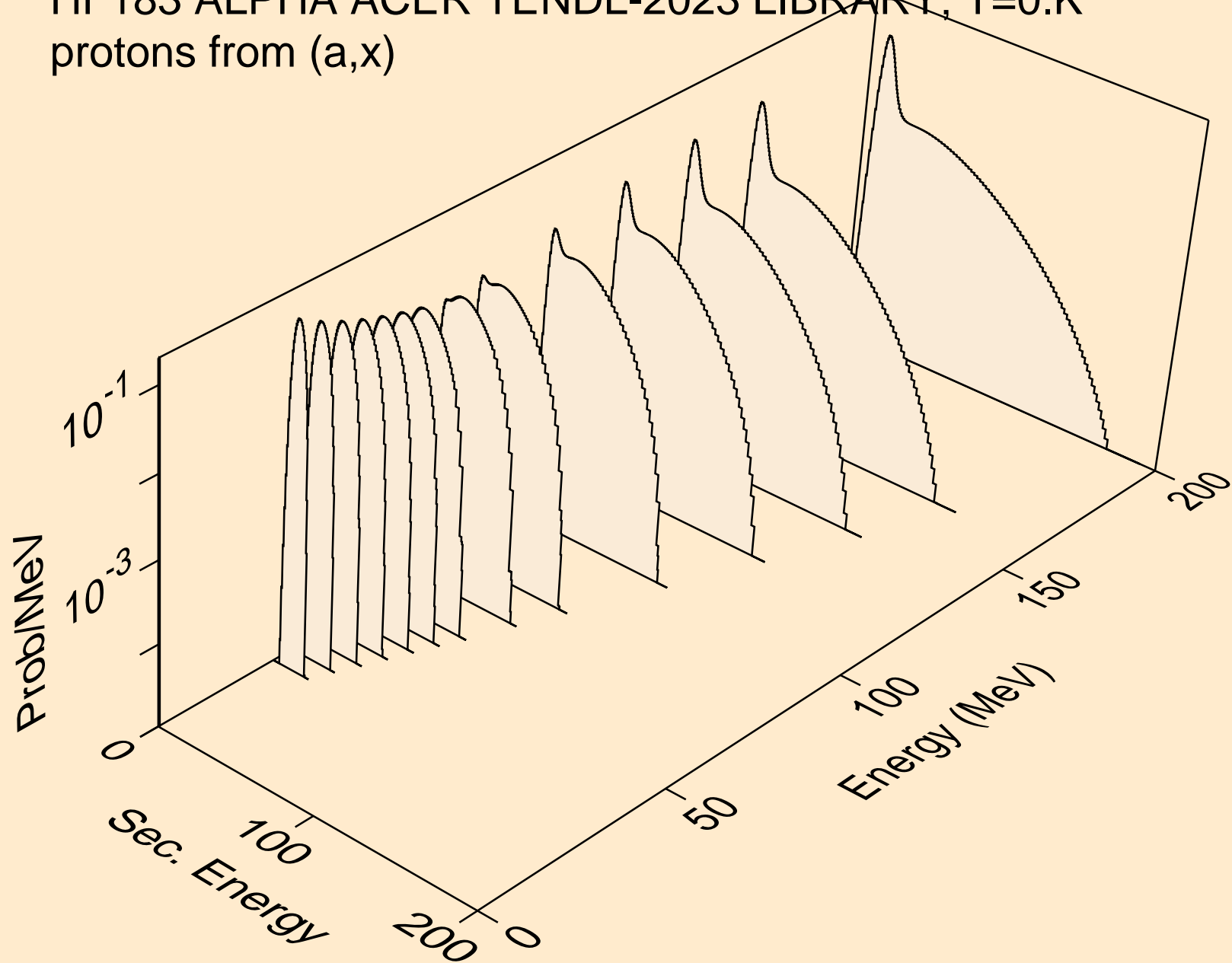
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neutrons from (a,4n)



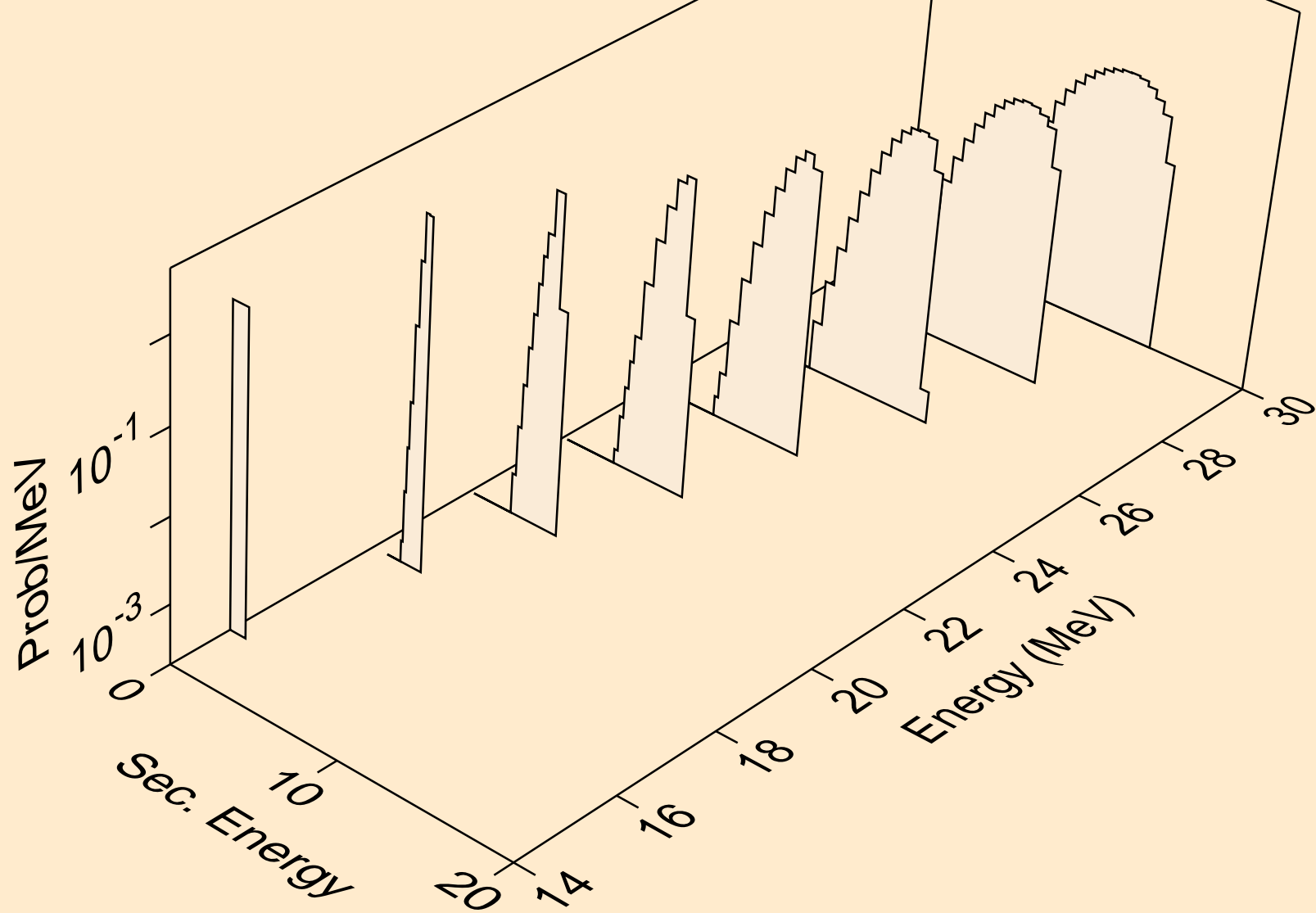
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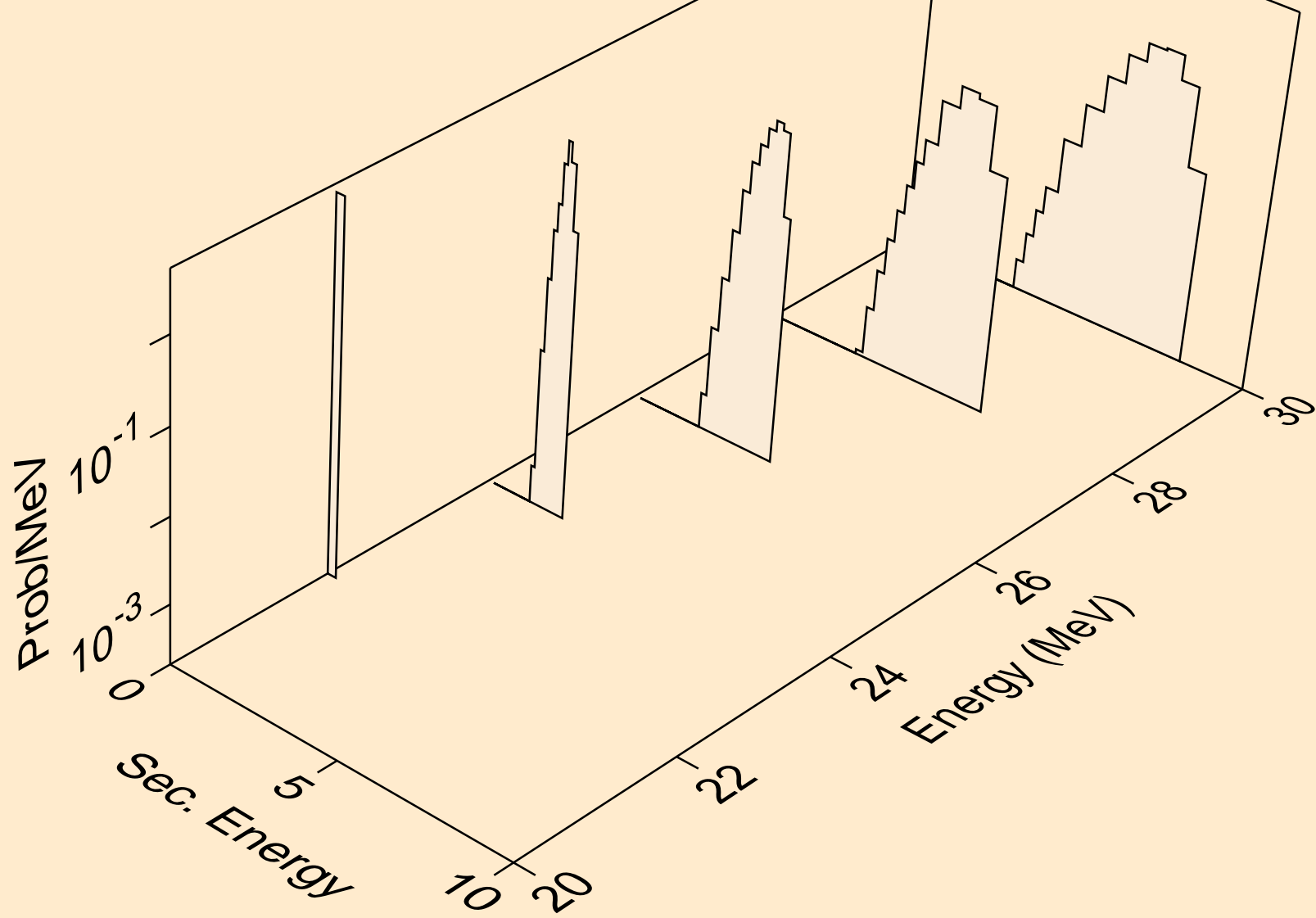
HF183 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,x)



HF183 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n\*)p

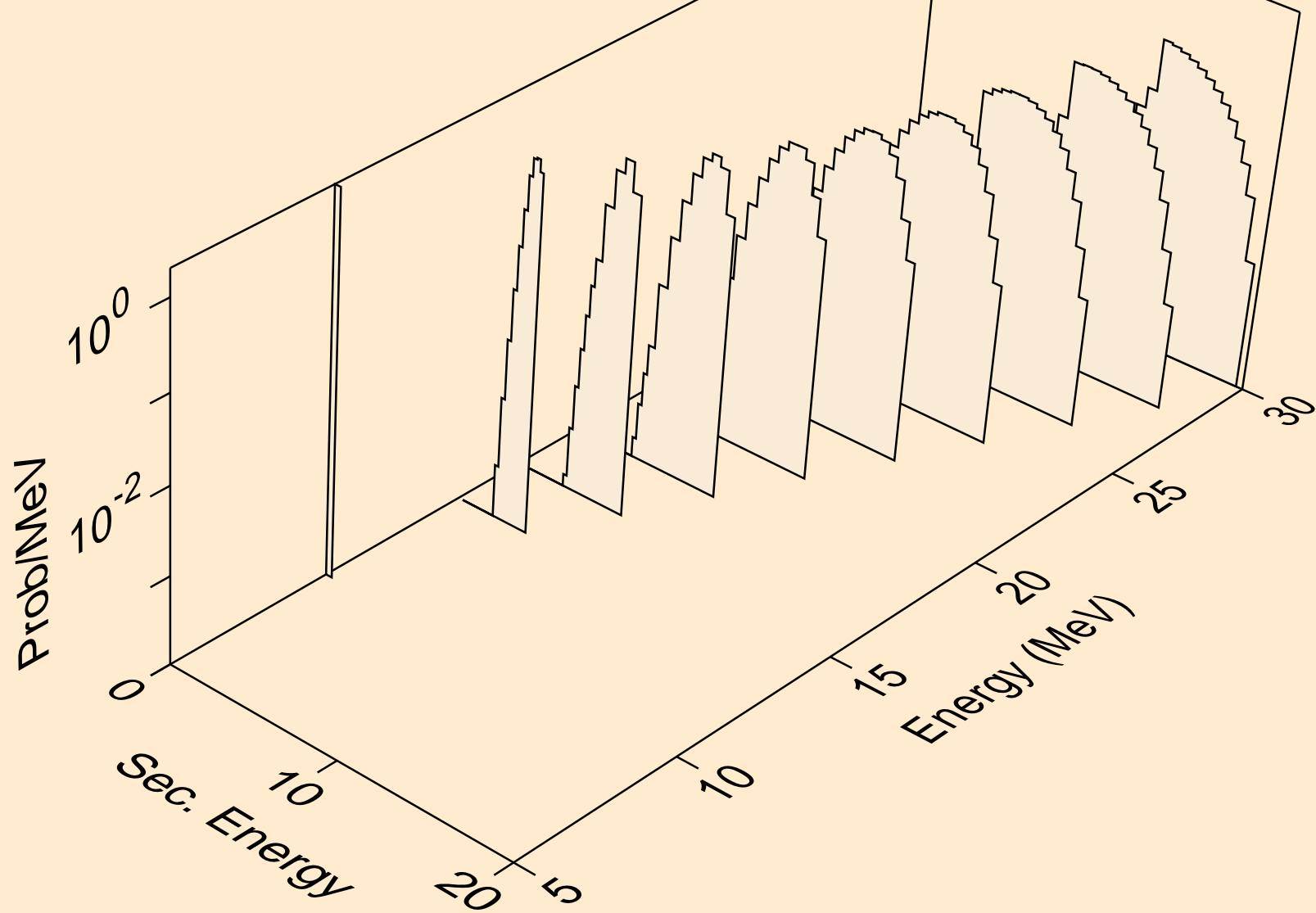


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protons from (a,2np)

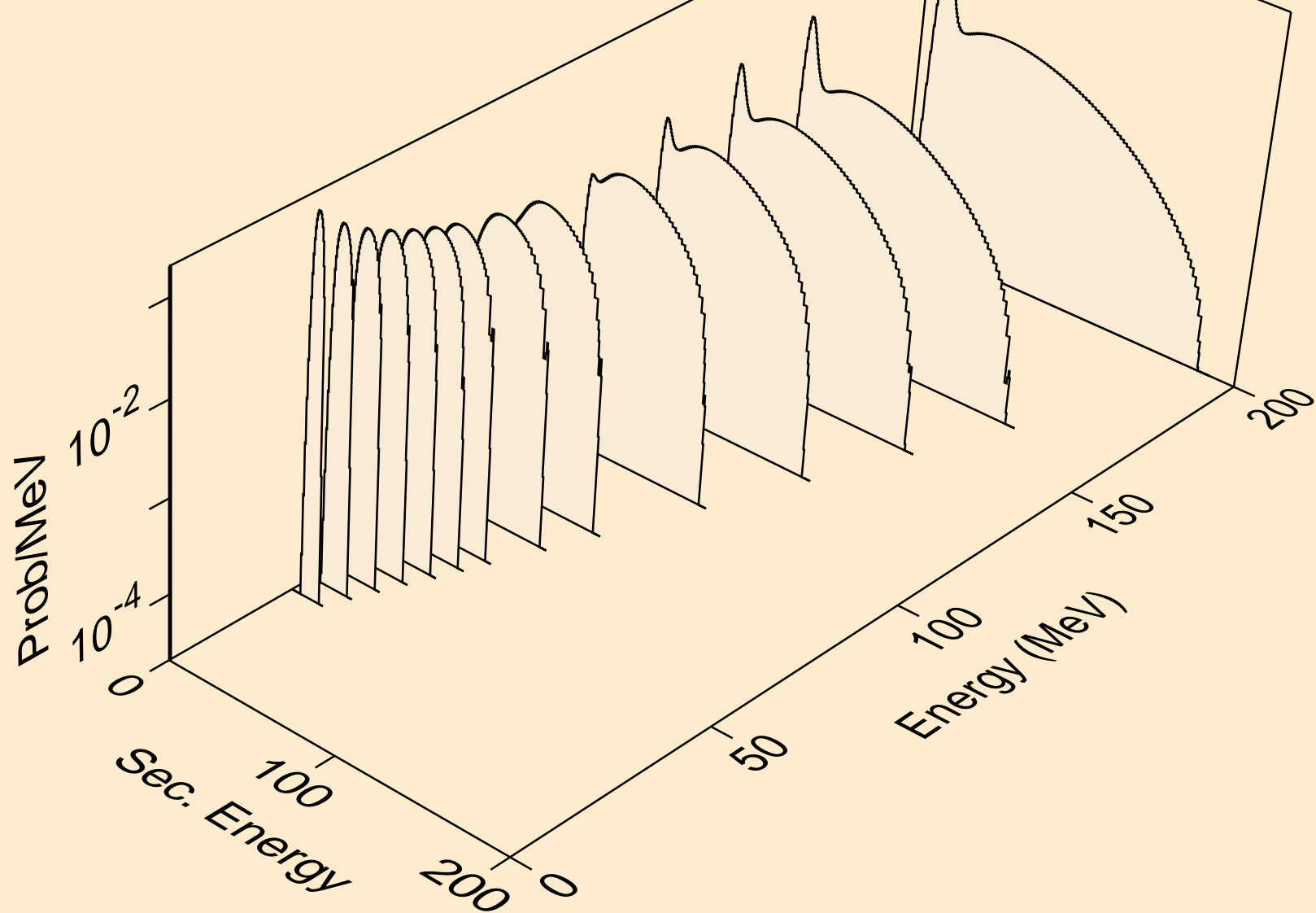




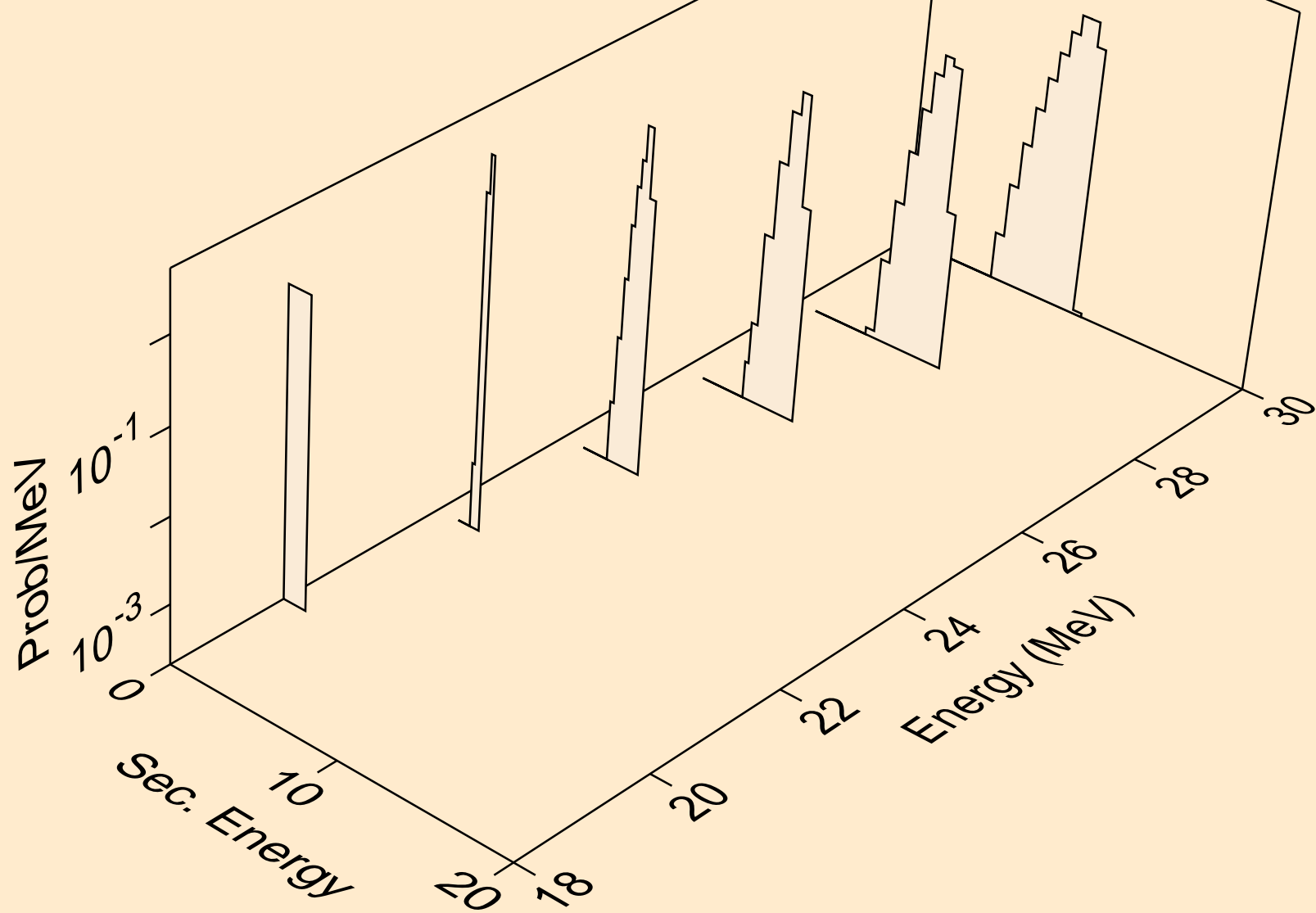
HF183 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,p)



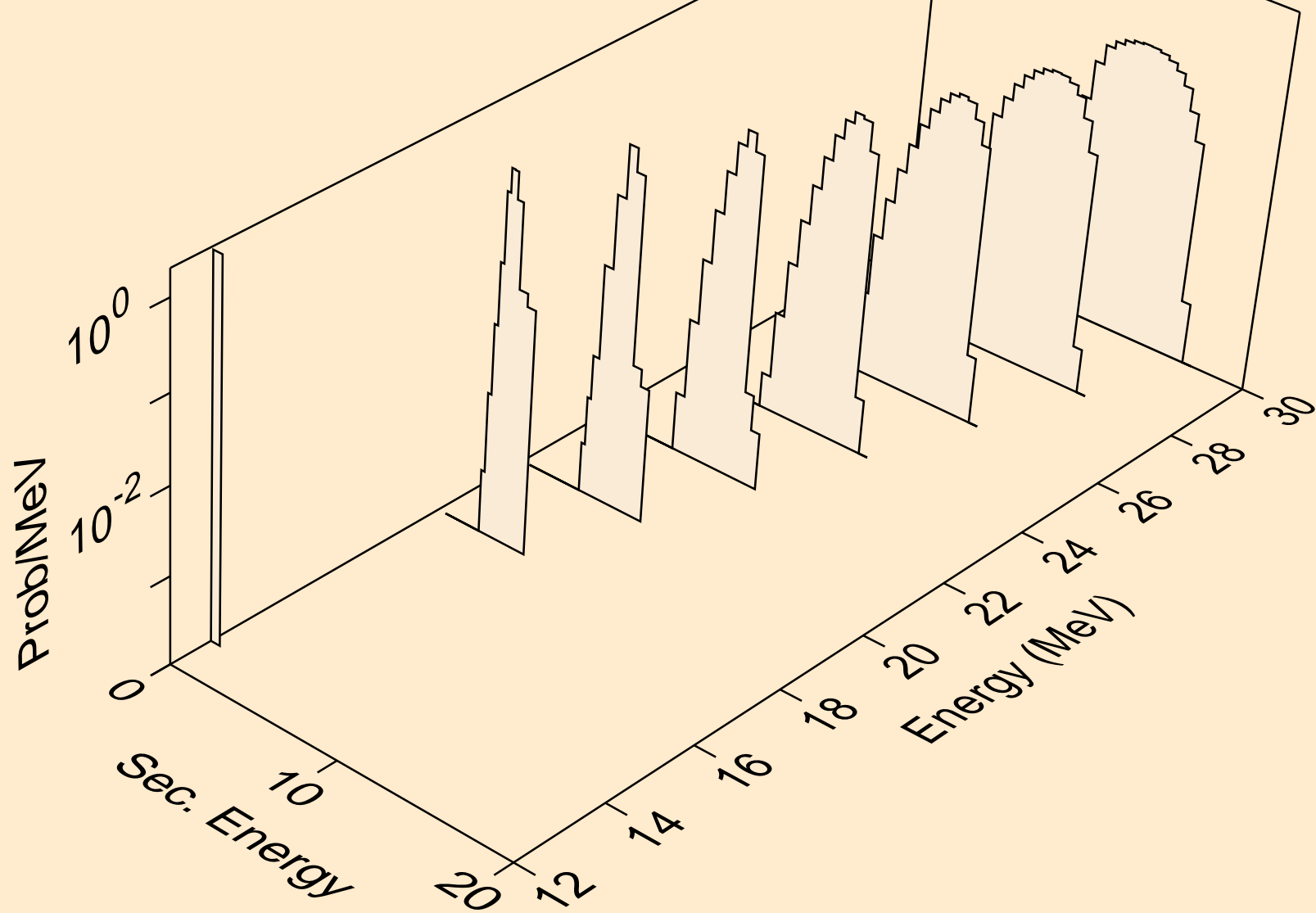
HF183 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)



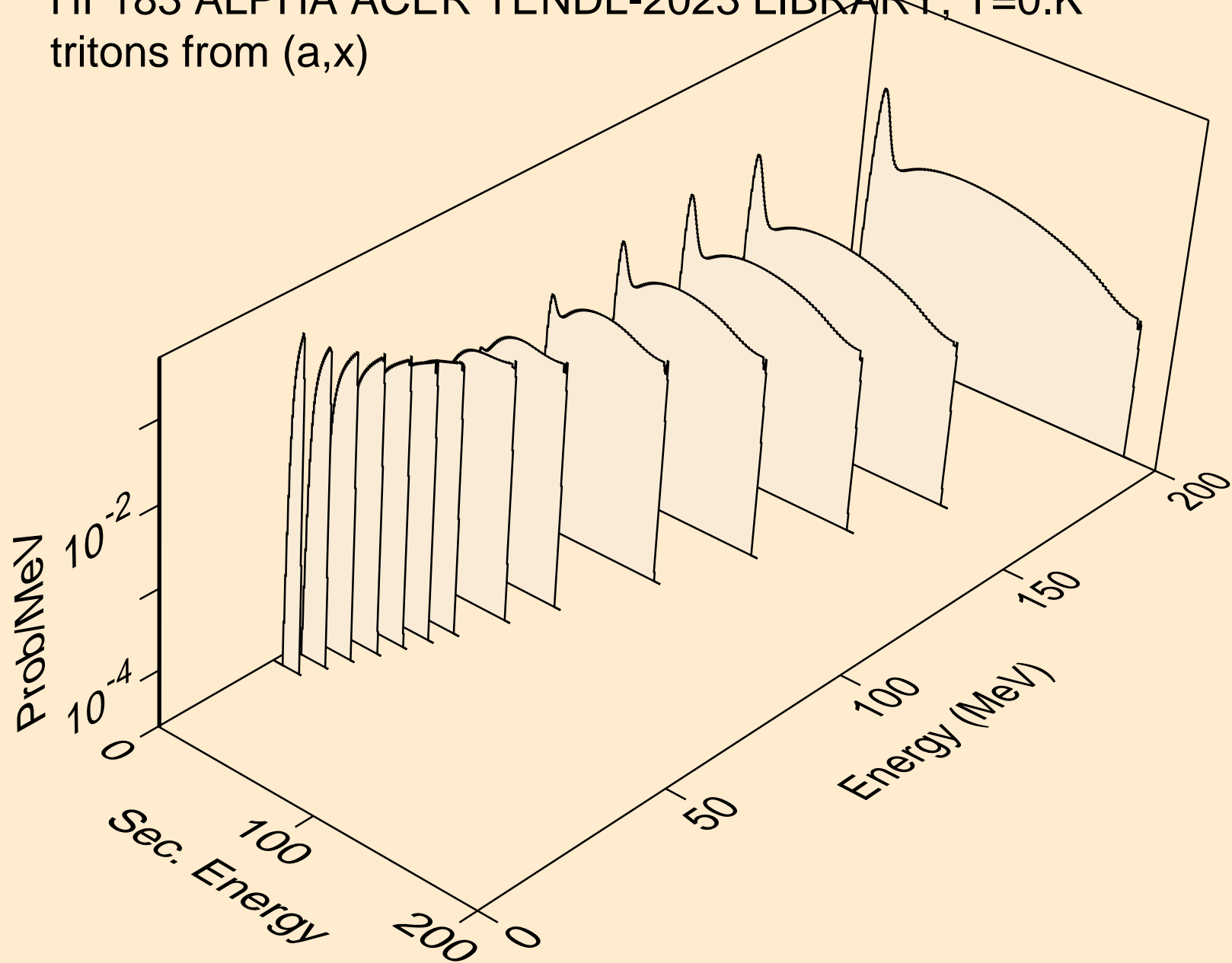
HF183 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,n\*)d



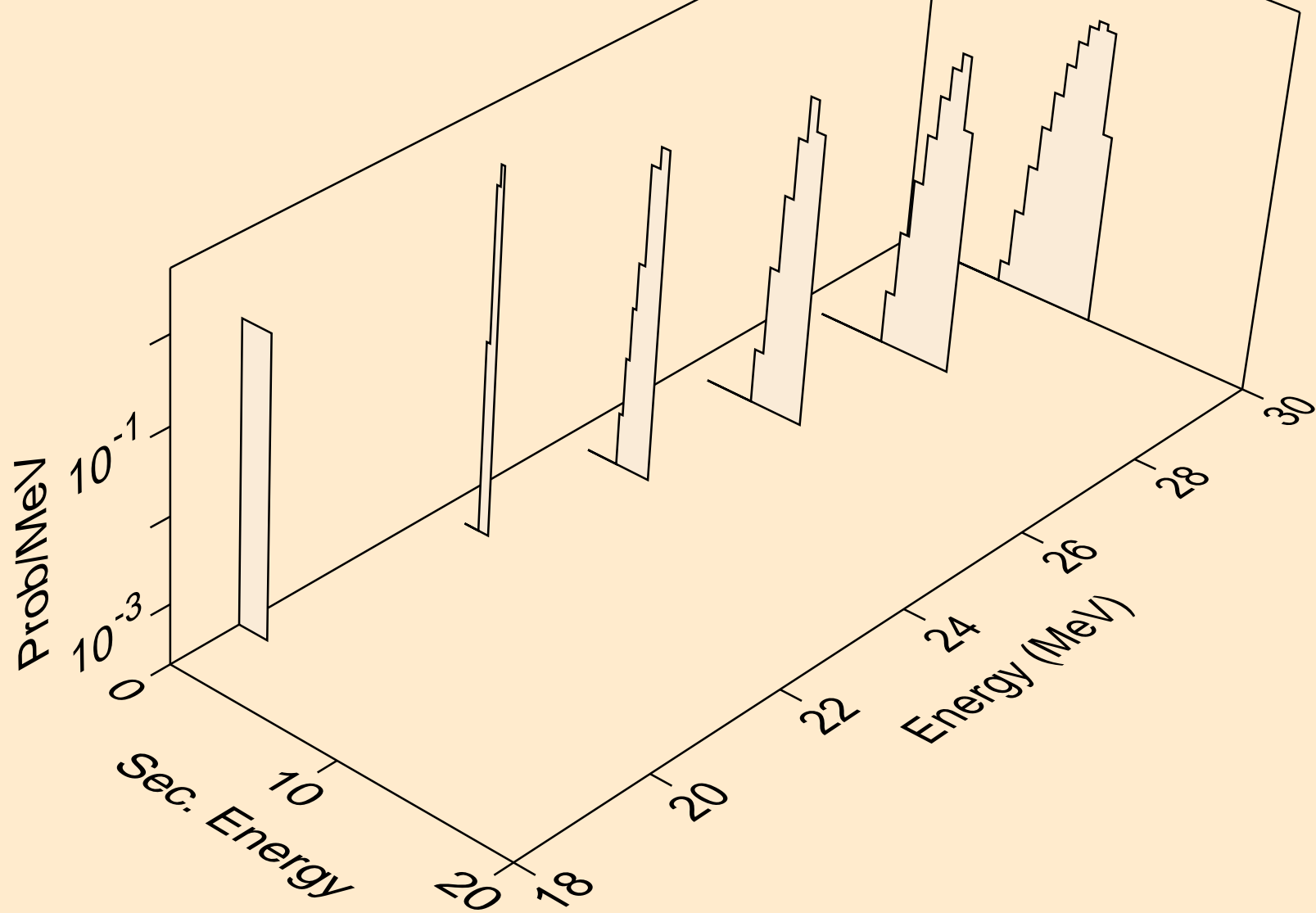
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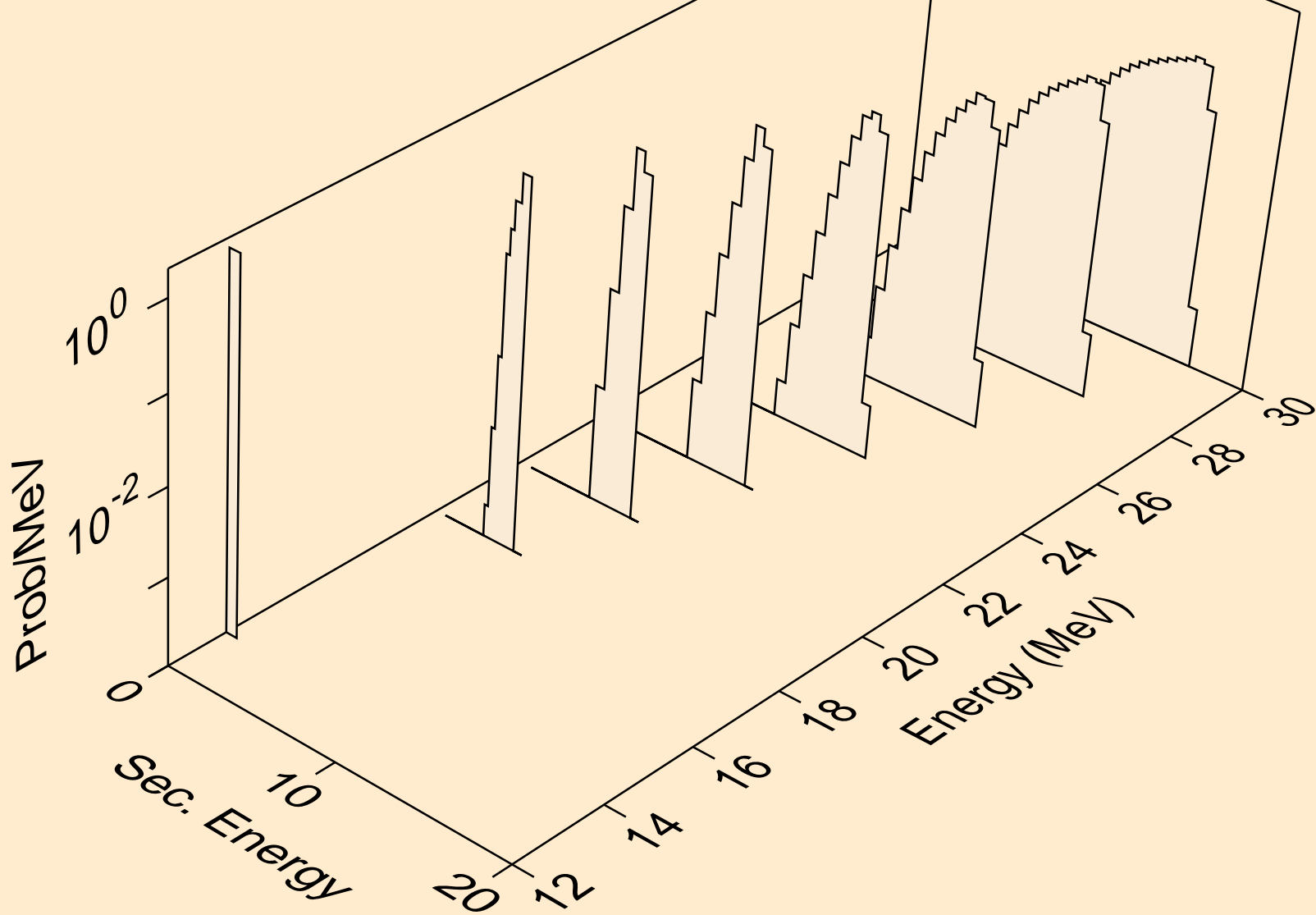
HF183 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)



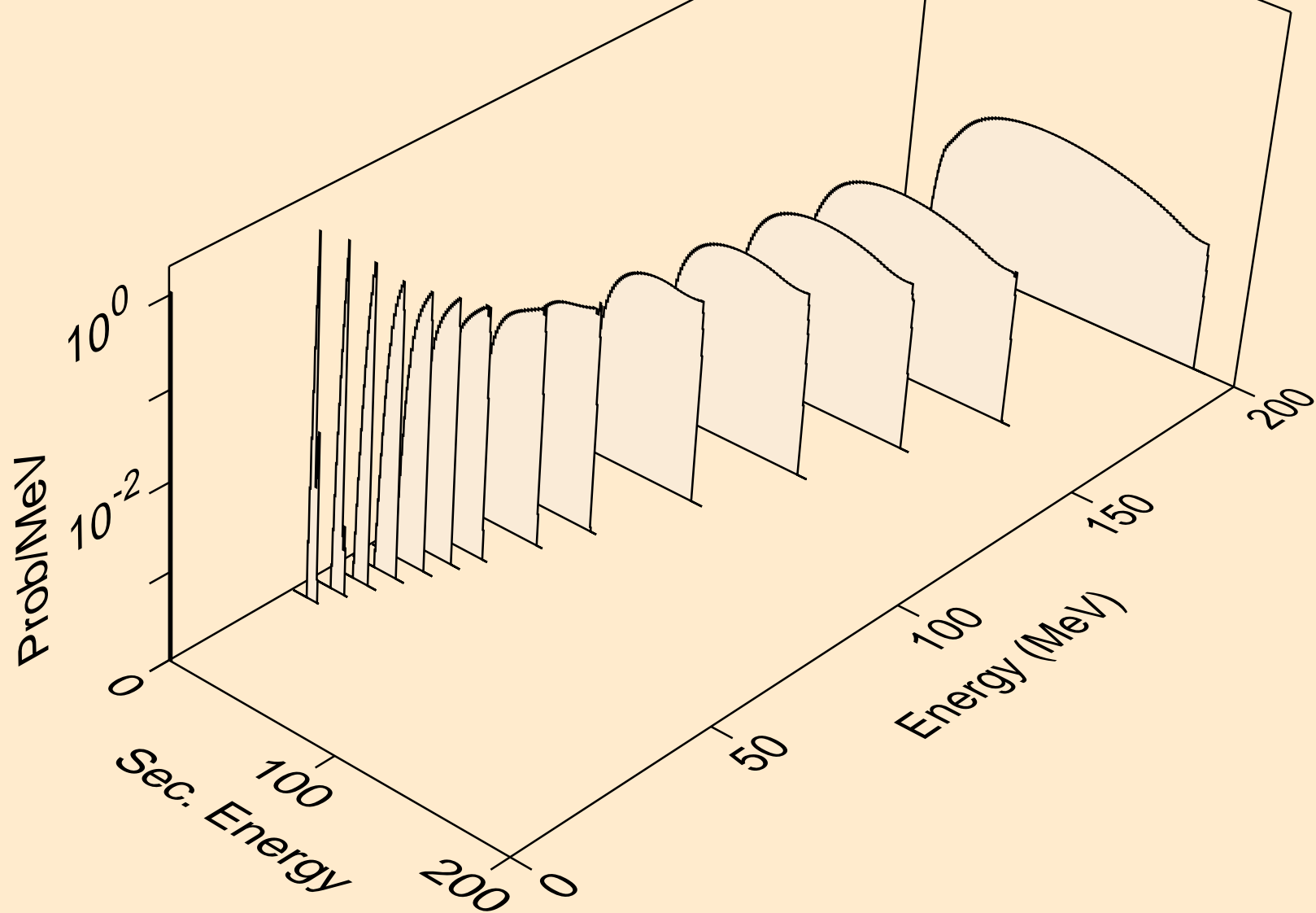
HF183 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,n\*)t



HF183 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)



HF183 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)





HF183 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

