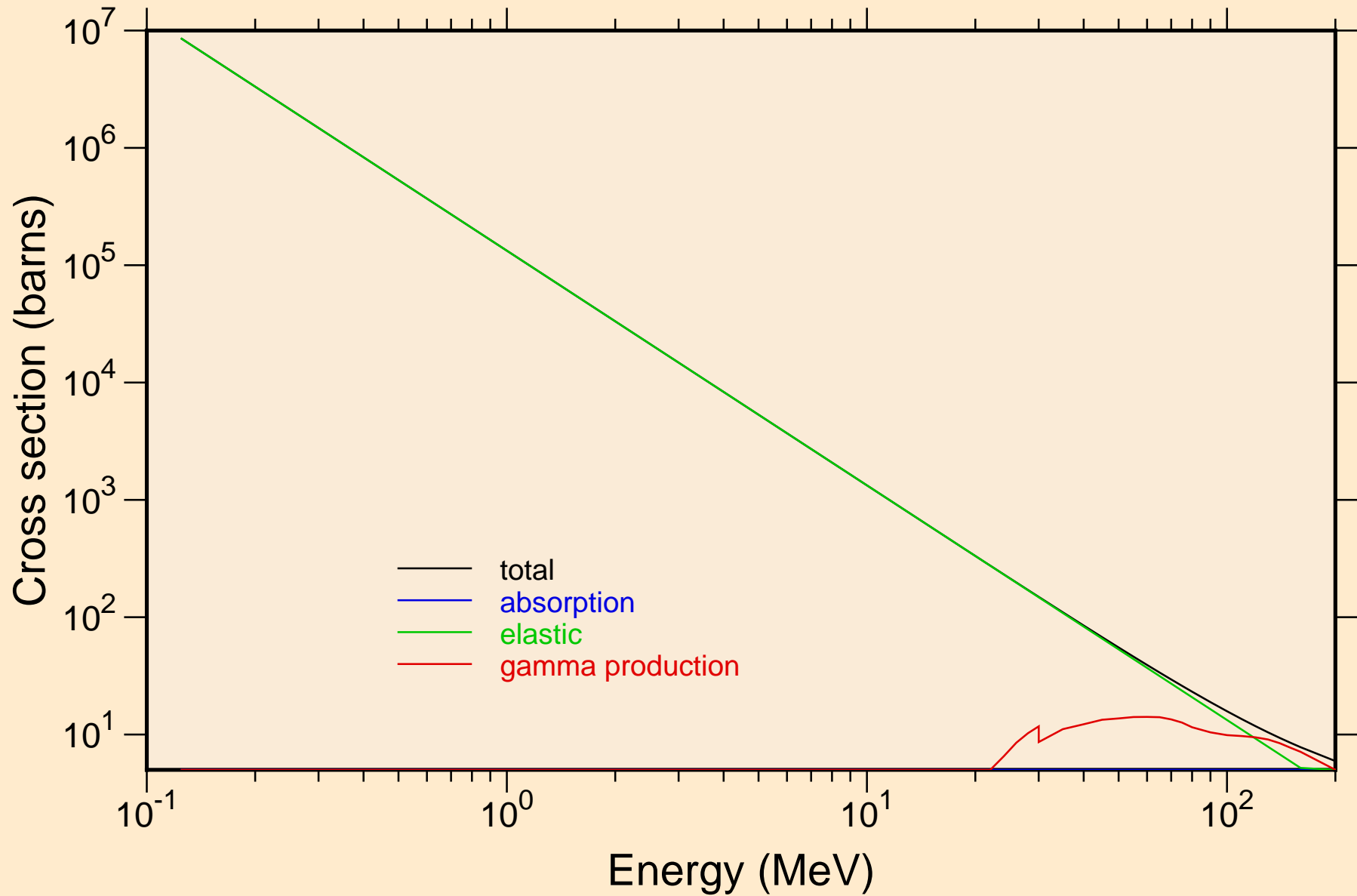


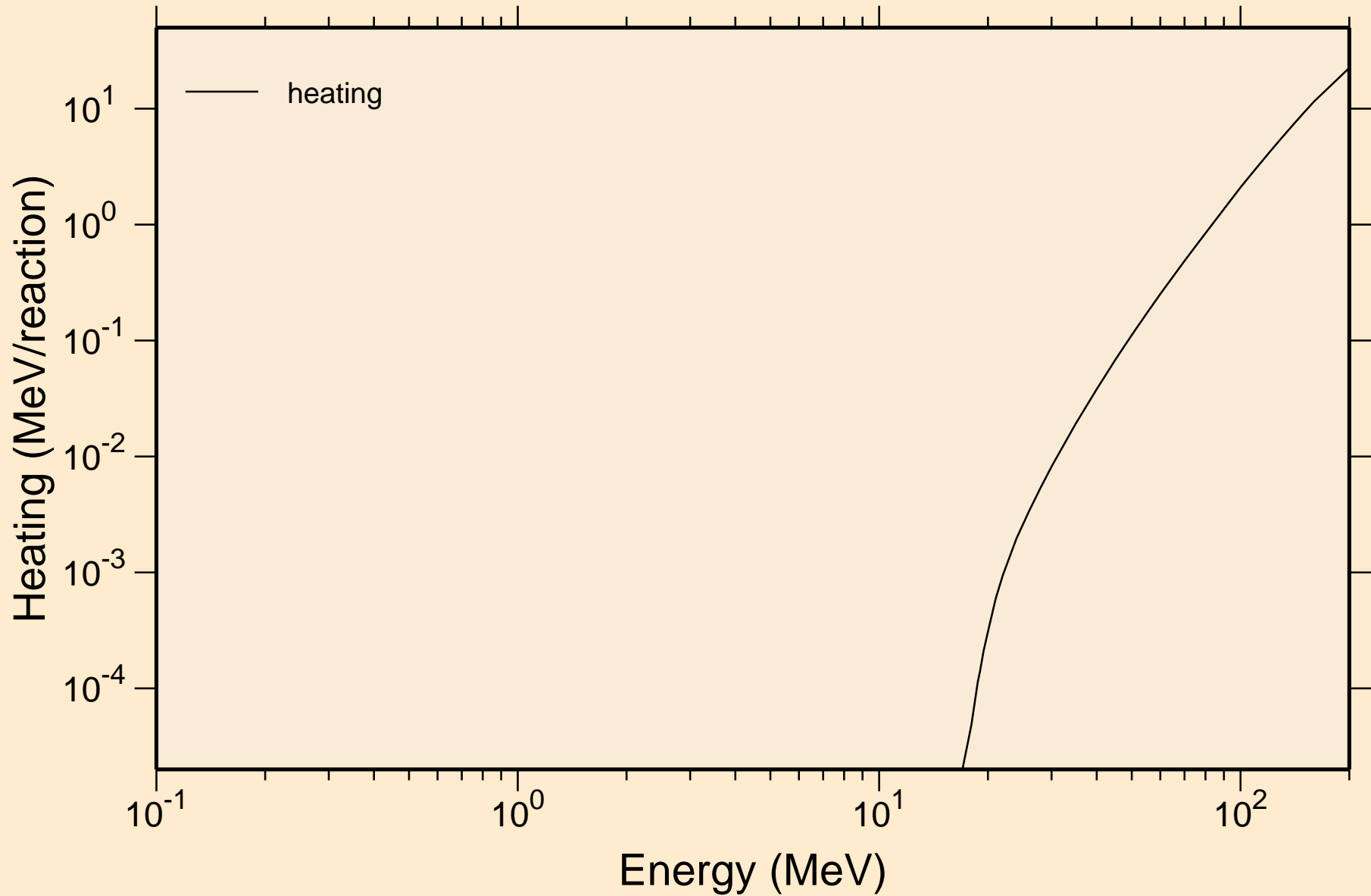
# HF177N ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



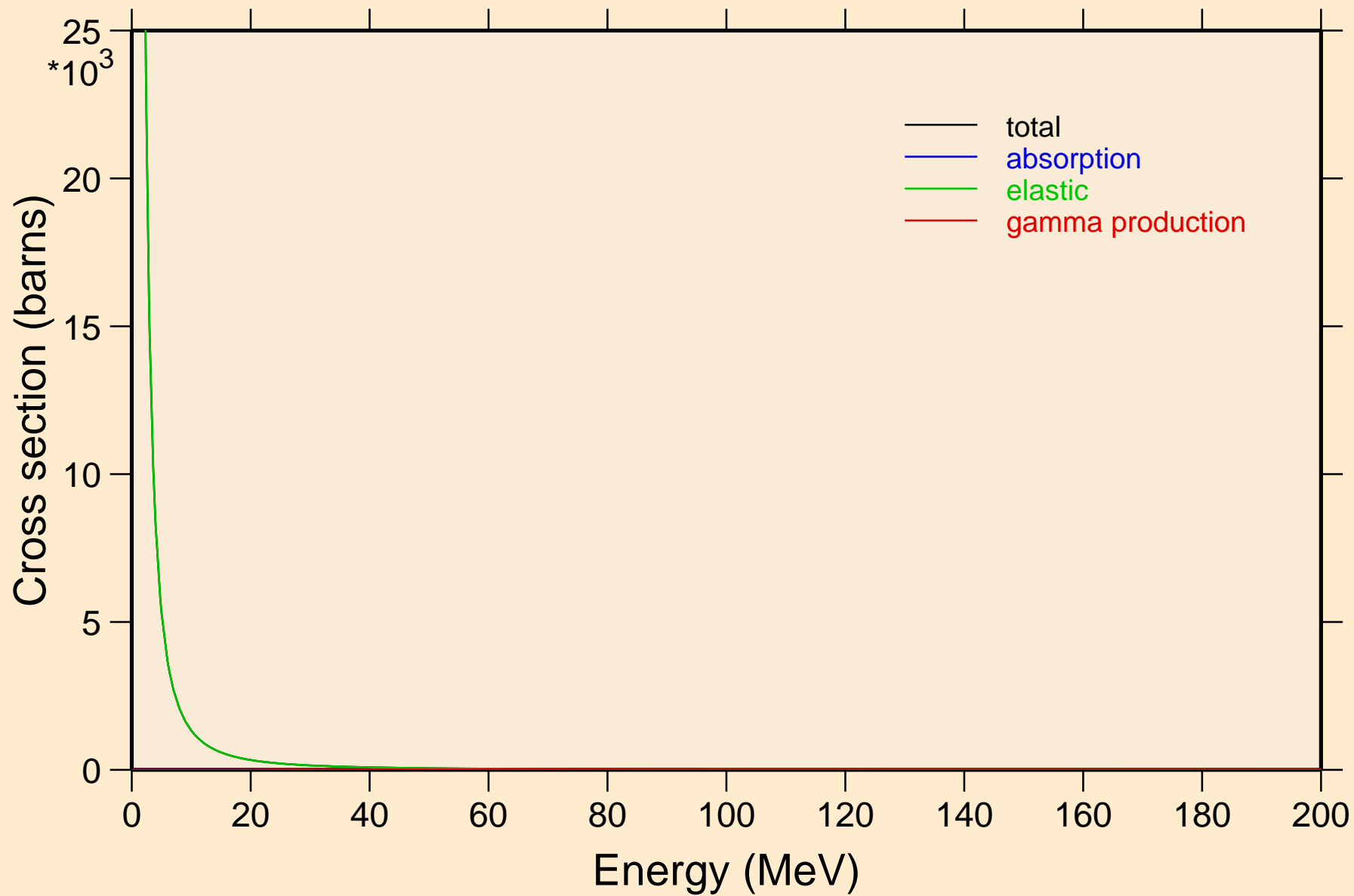
# HF177N ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Heating



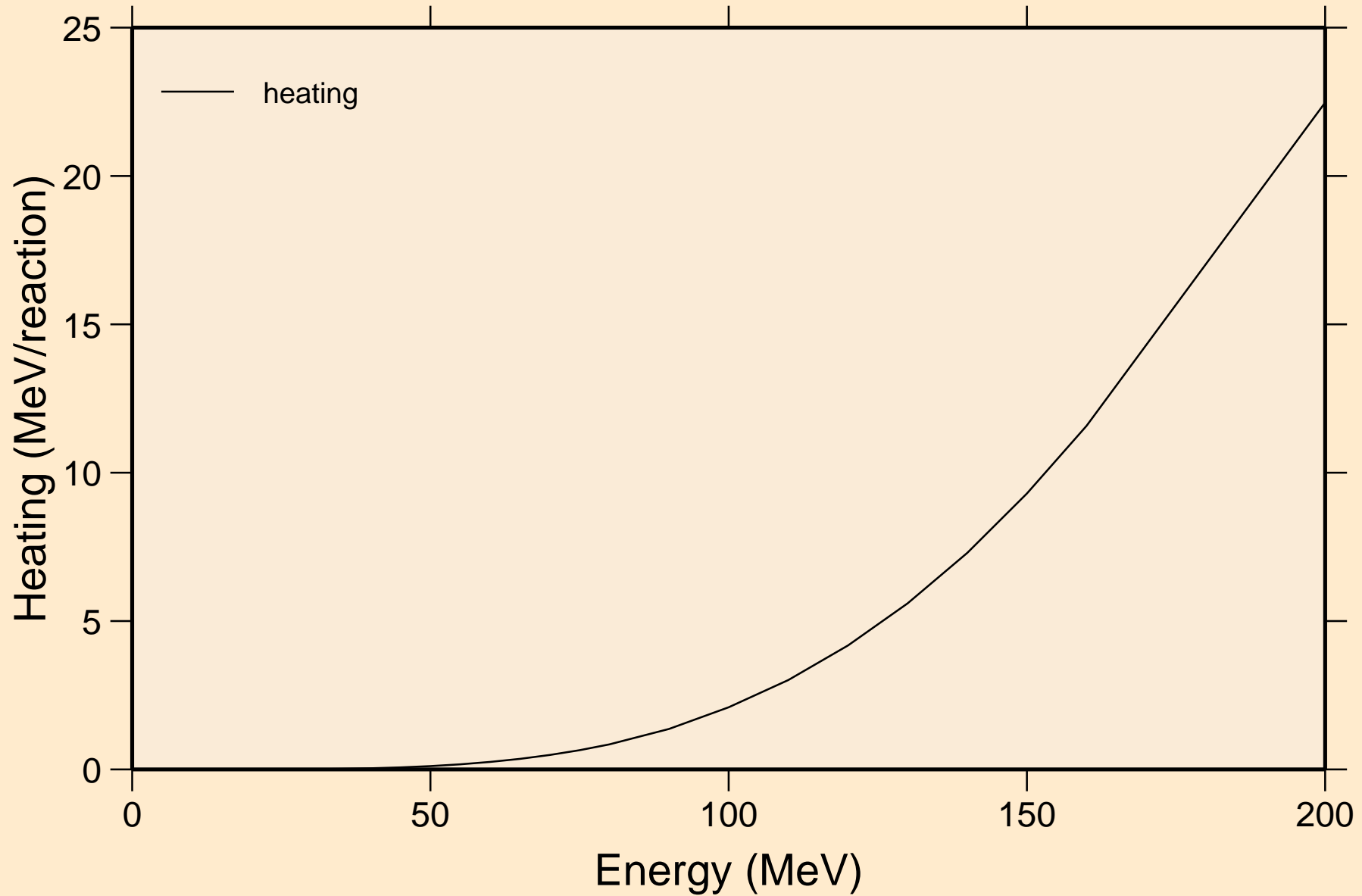
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## Principal cross sections



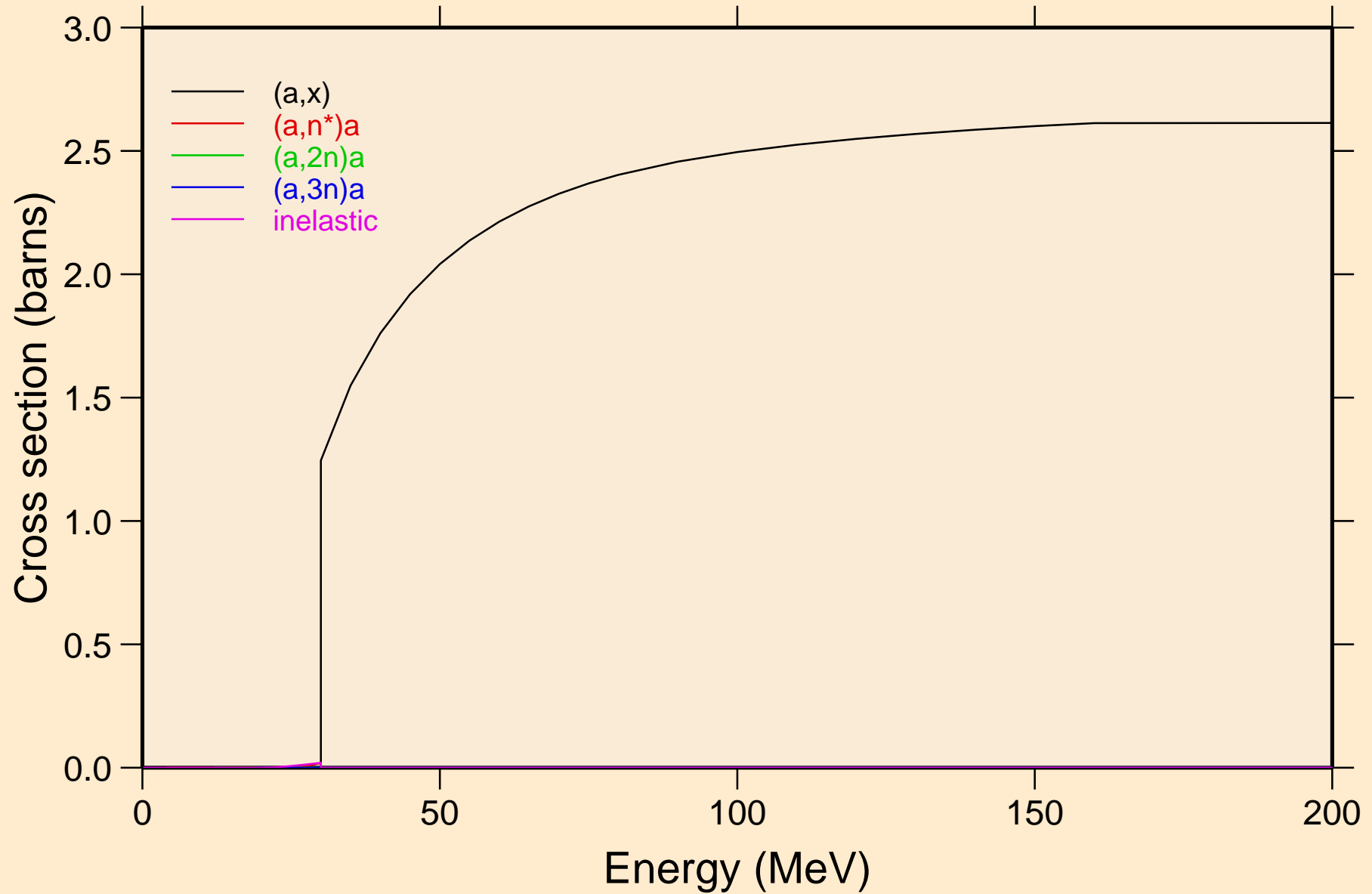
# HF177N ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Heating

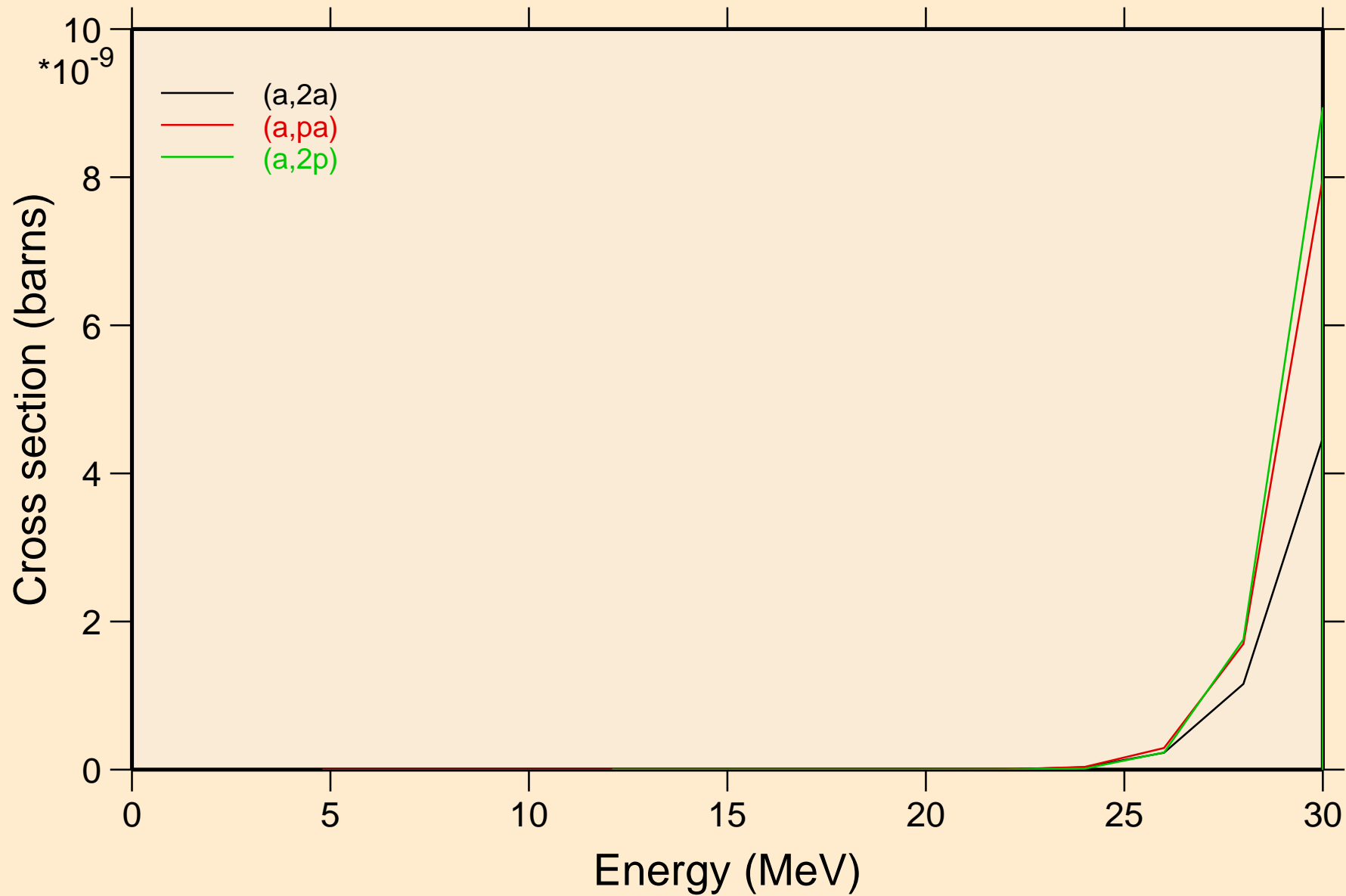


# HF177N ALPHA ACER TENDL-2024 LIBRARY; T=0.K

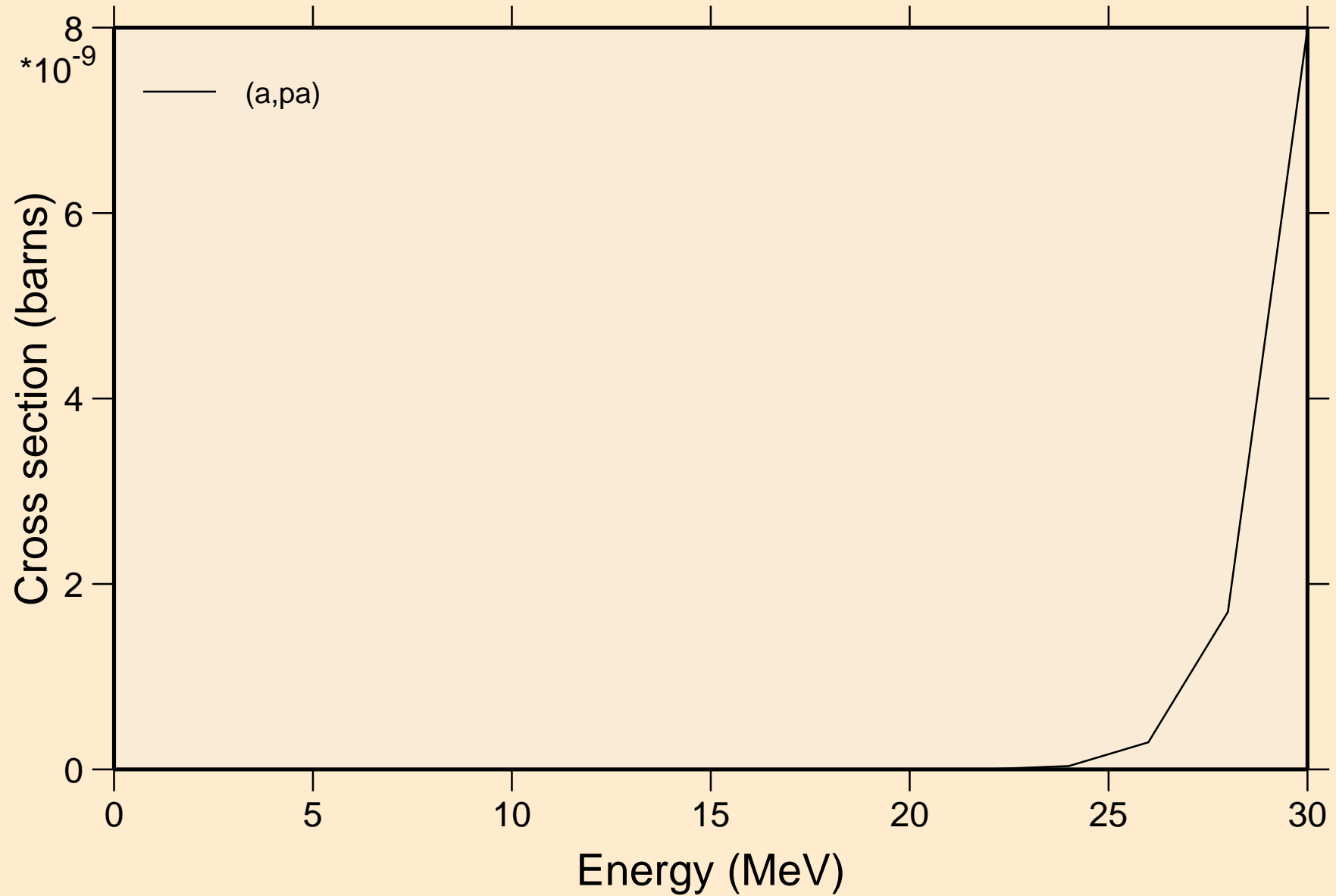
## Threshold reactions



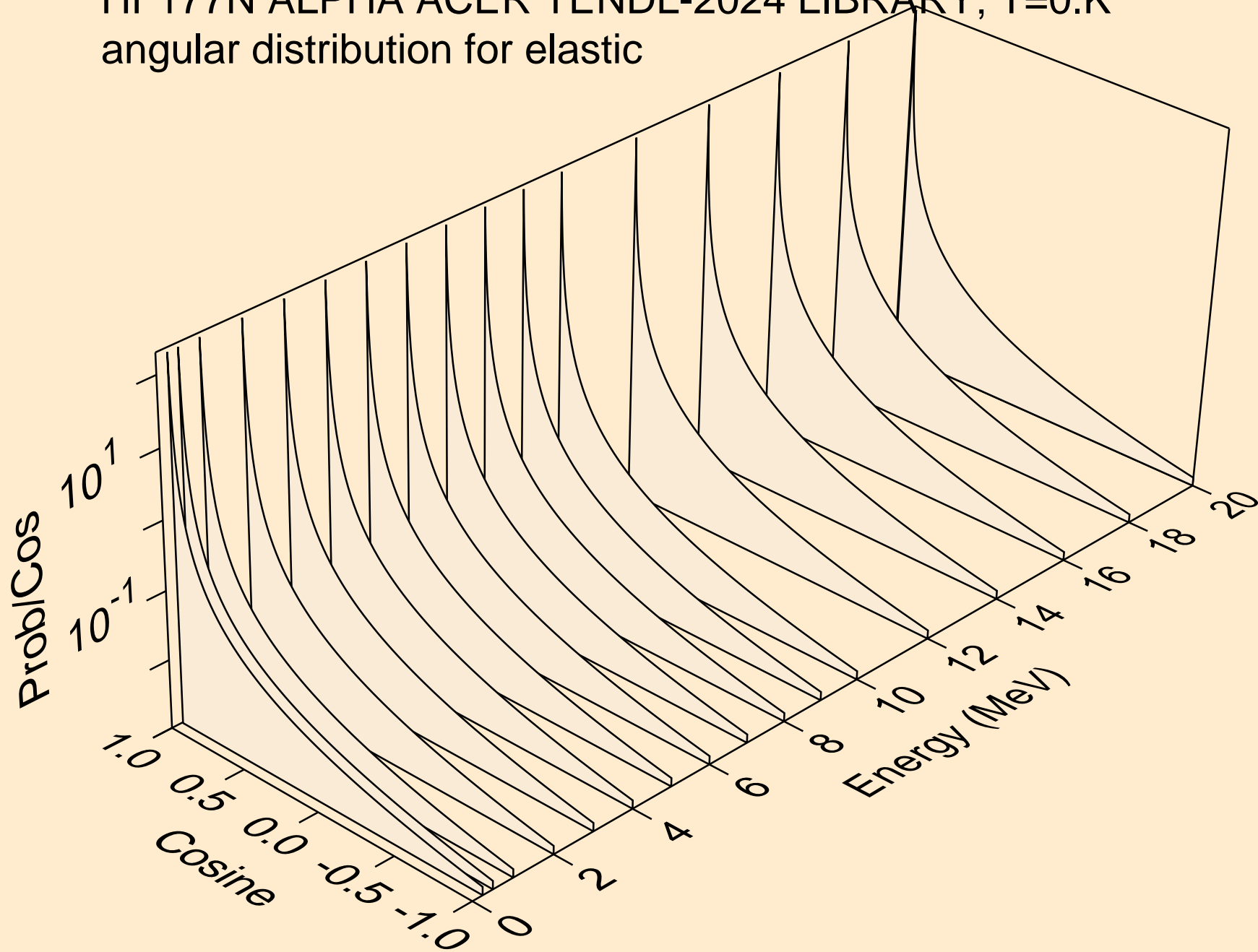
HF177N ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



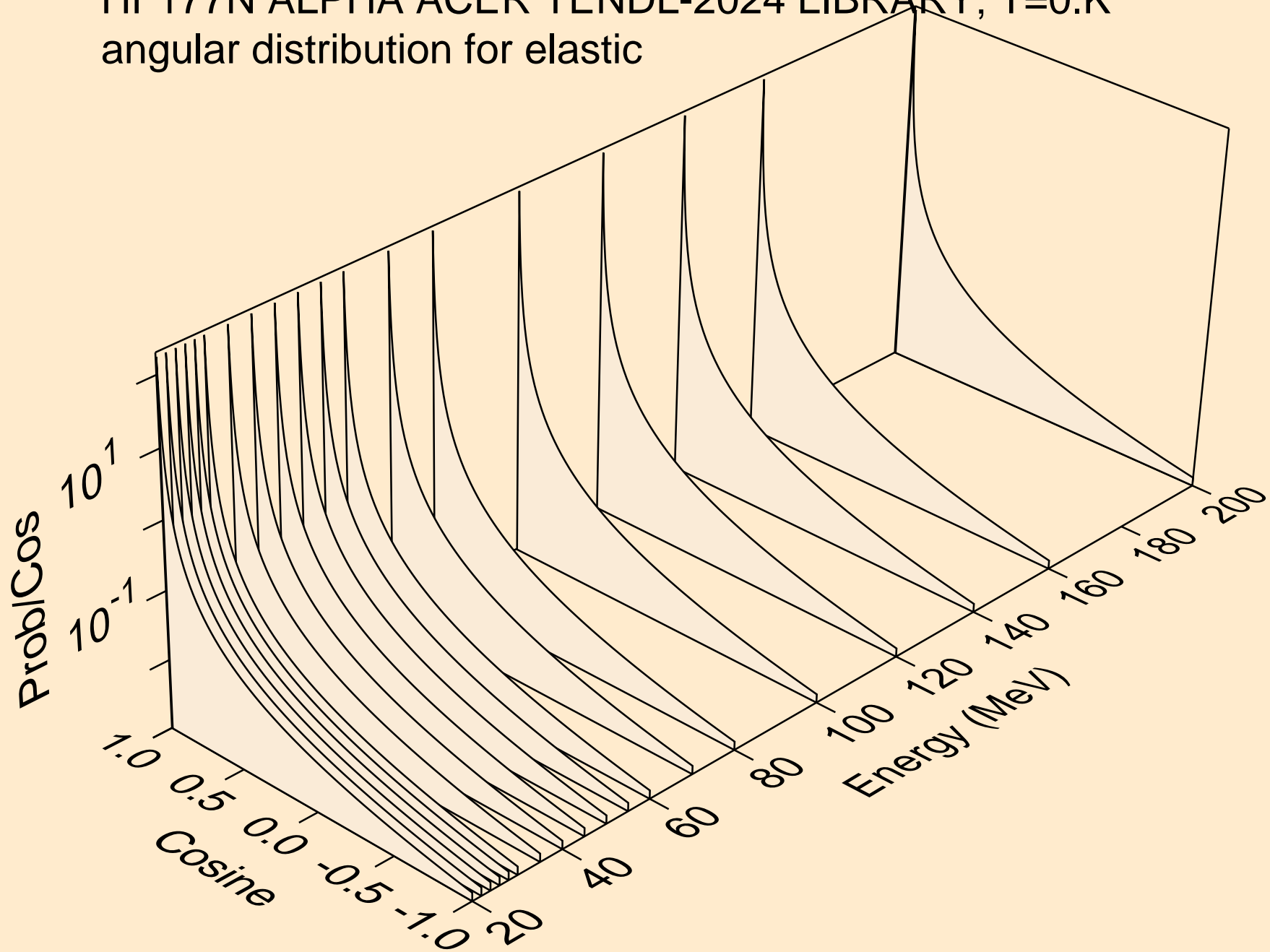
HF177N ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



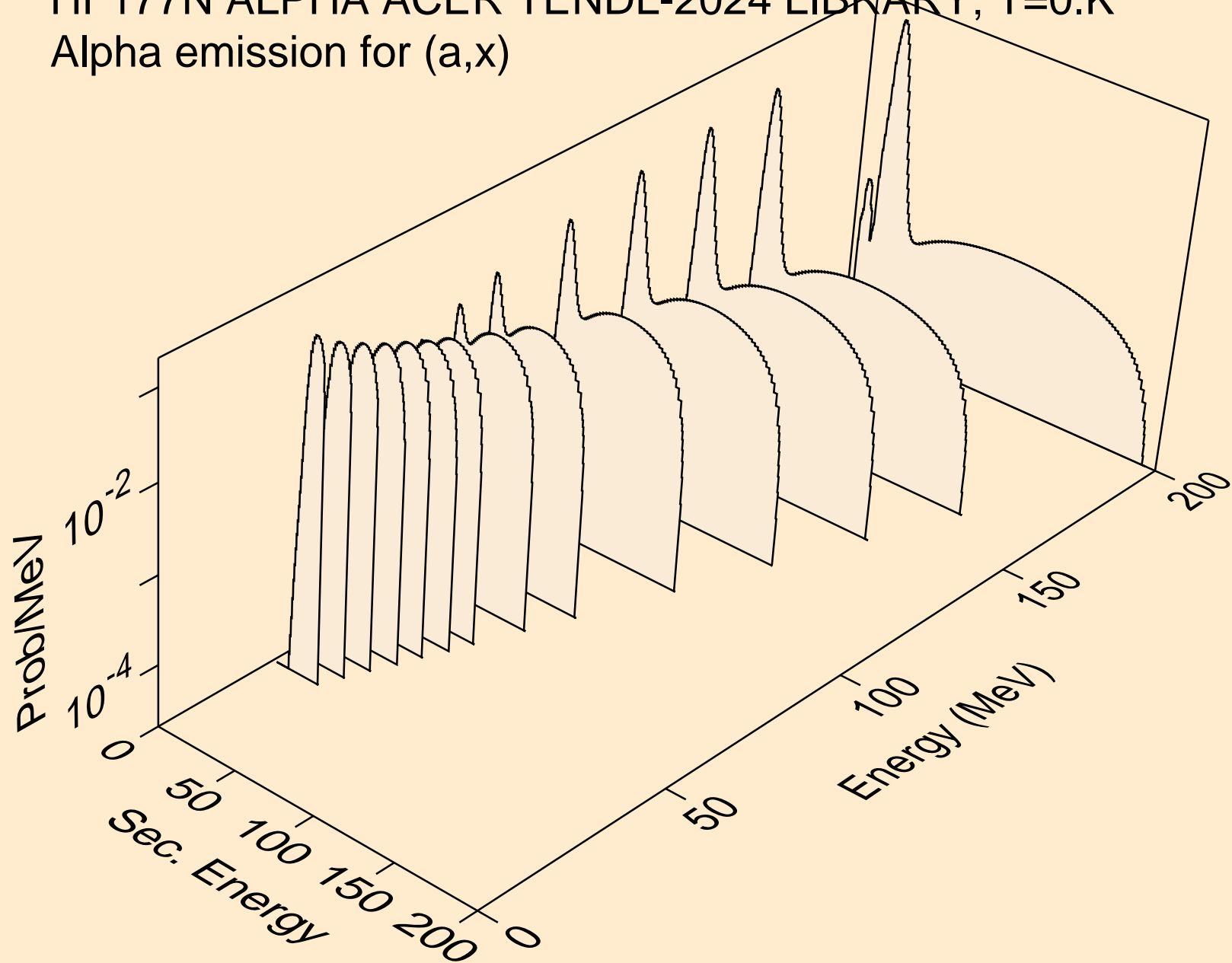
HF177N ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



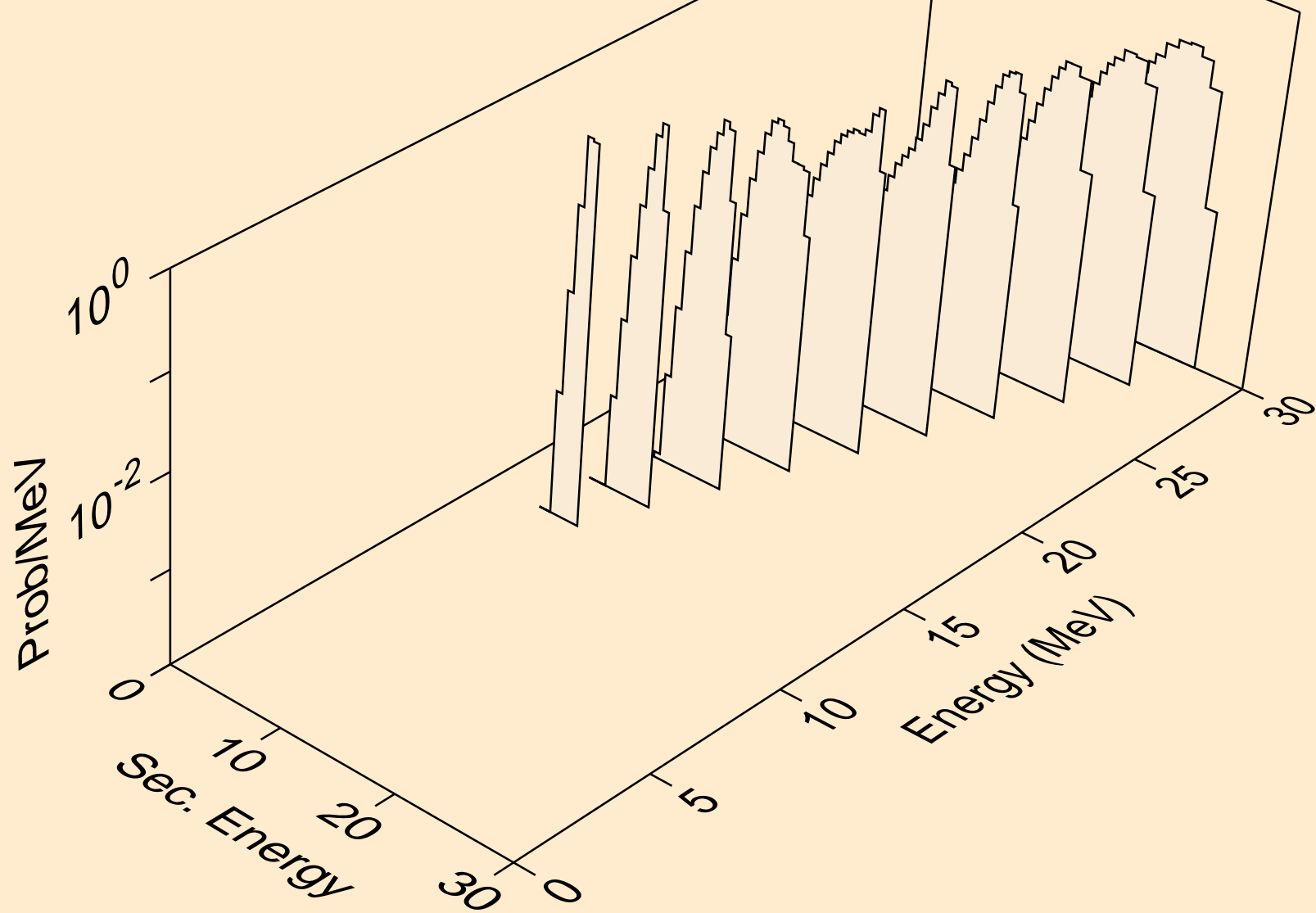
HF177N ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



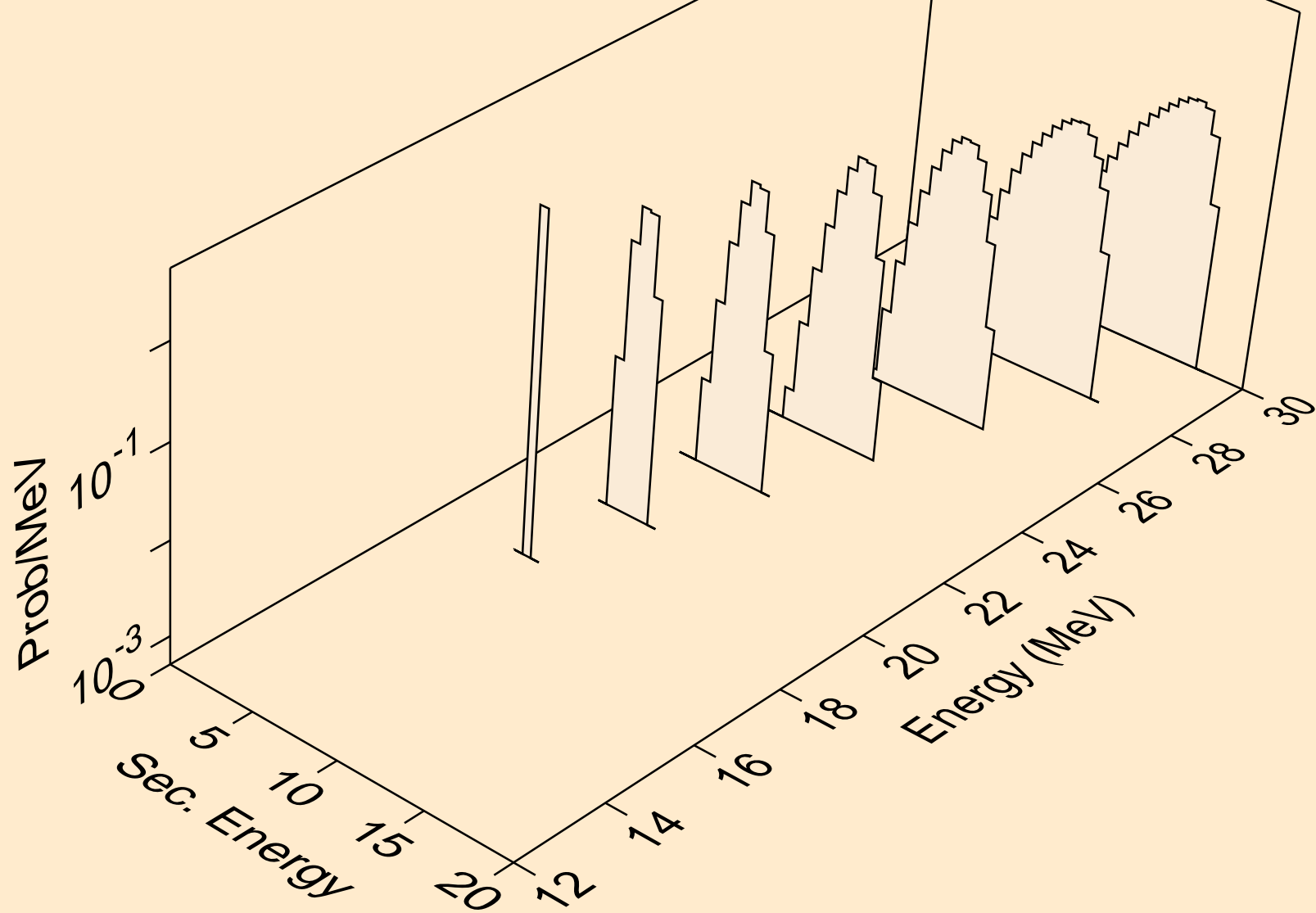
HF177N ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,x)



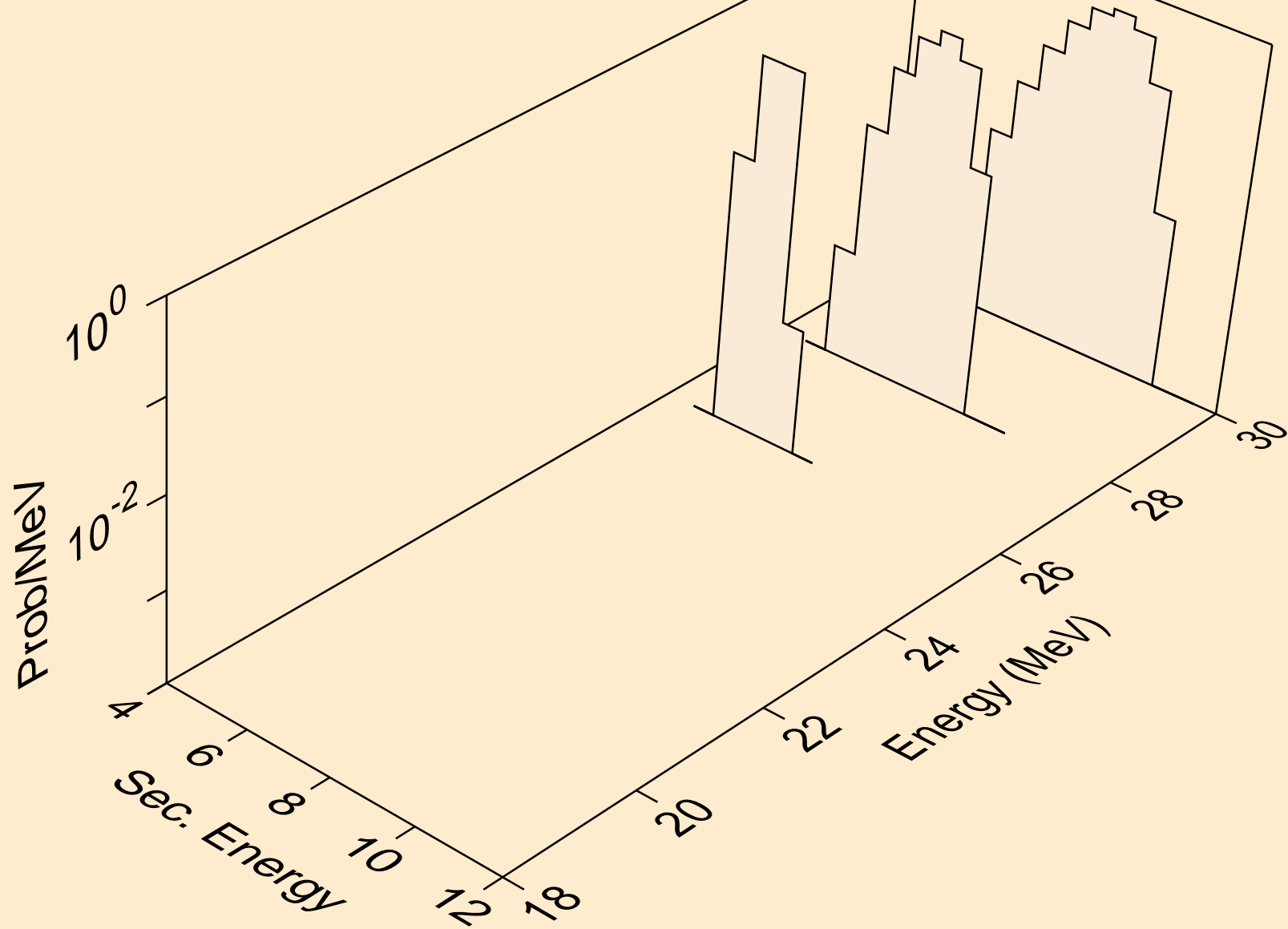
HF177N ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



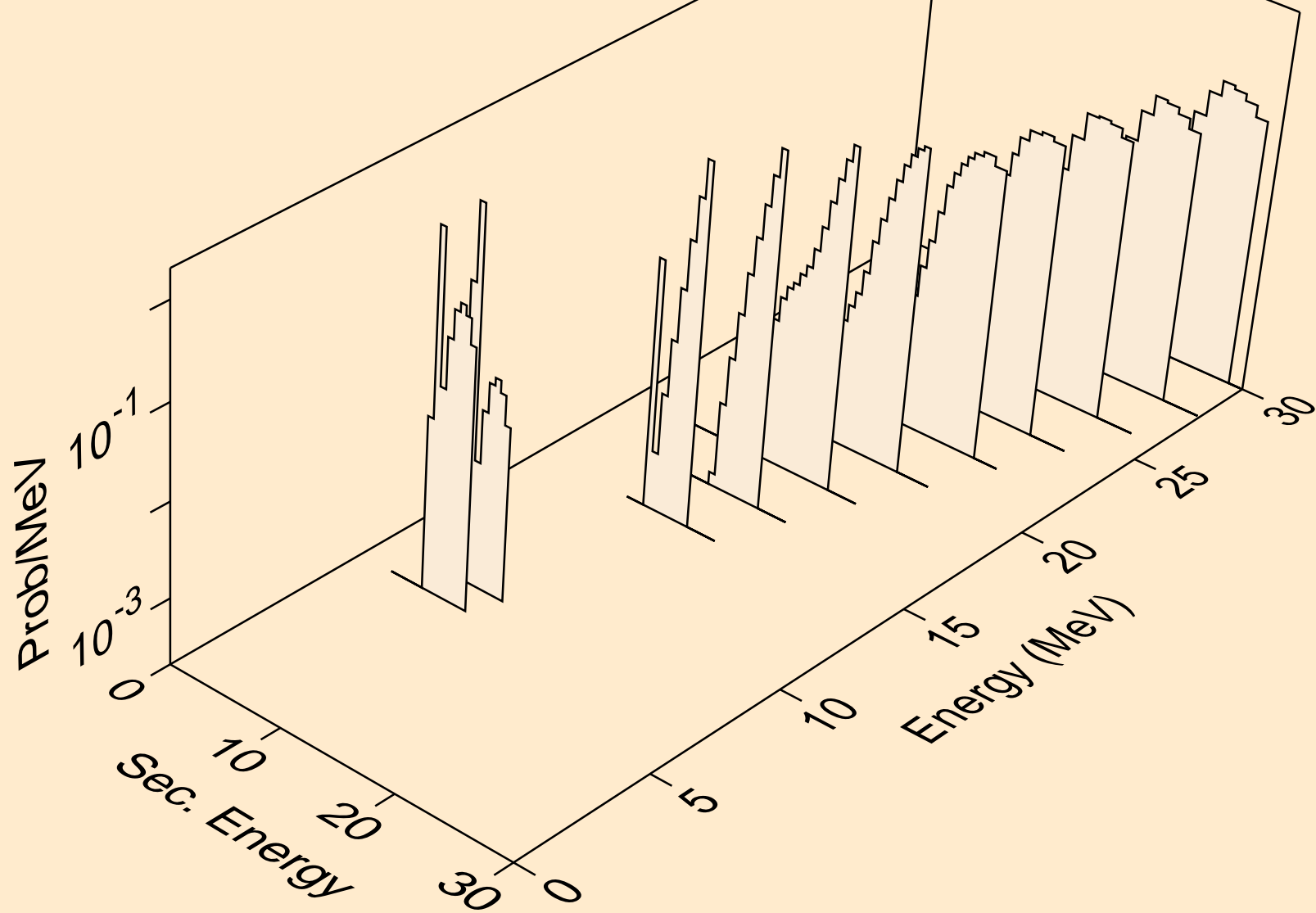
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Alpha emission for (a,2n)a



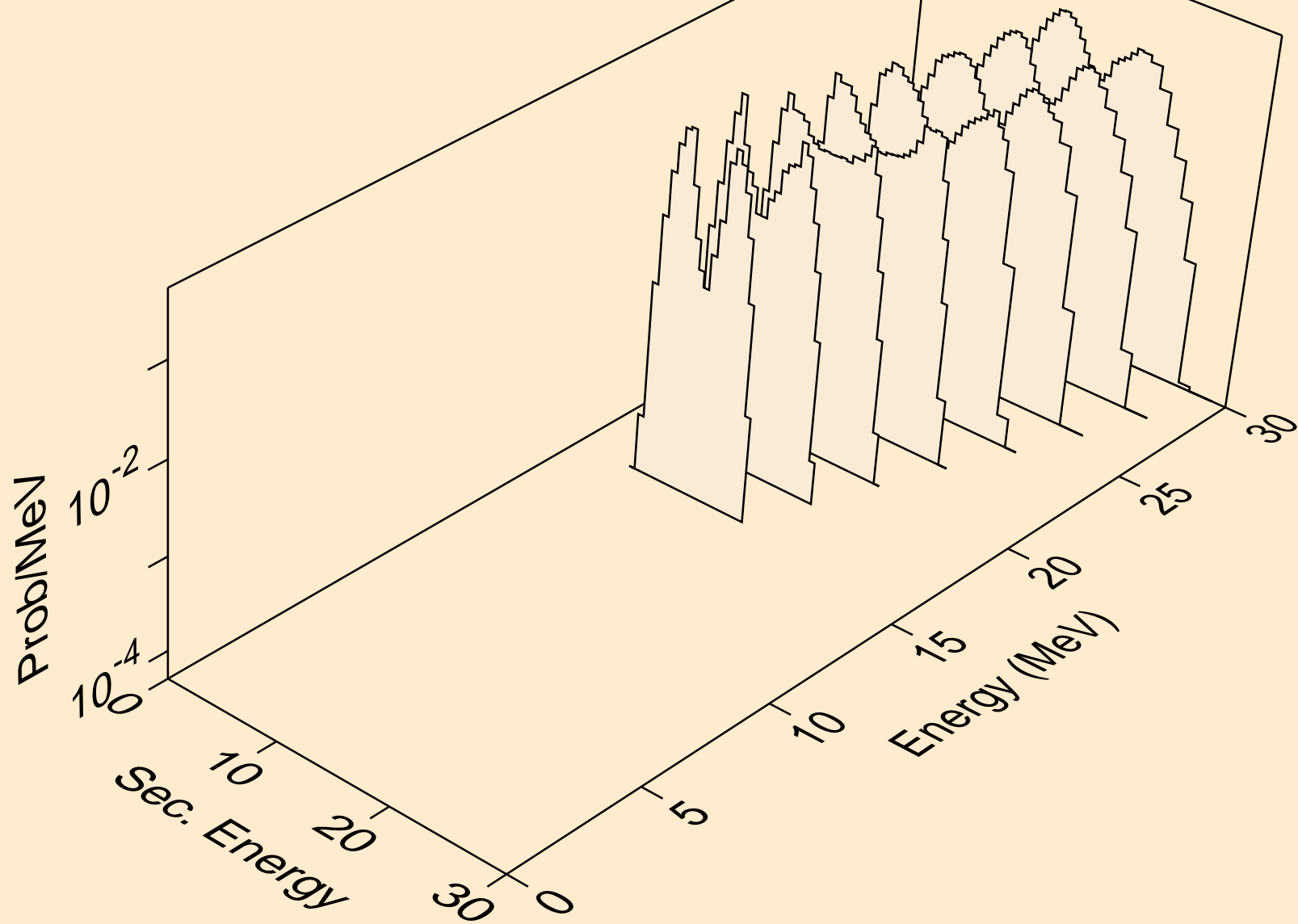
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Alpha emission for (a,3n)a



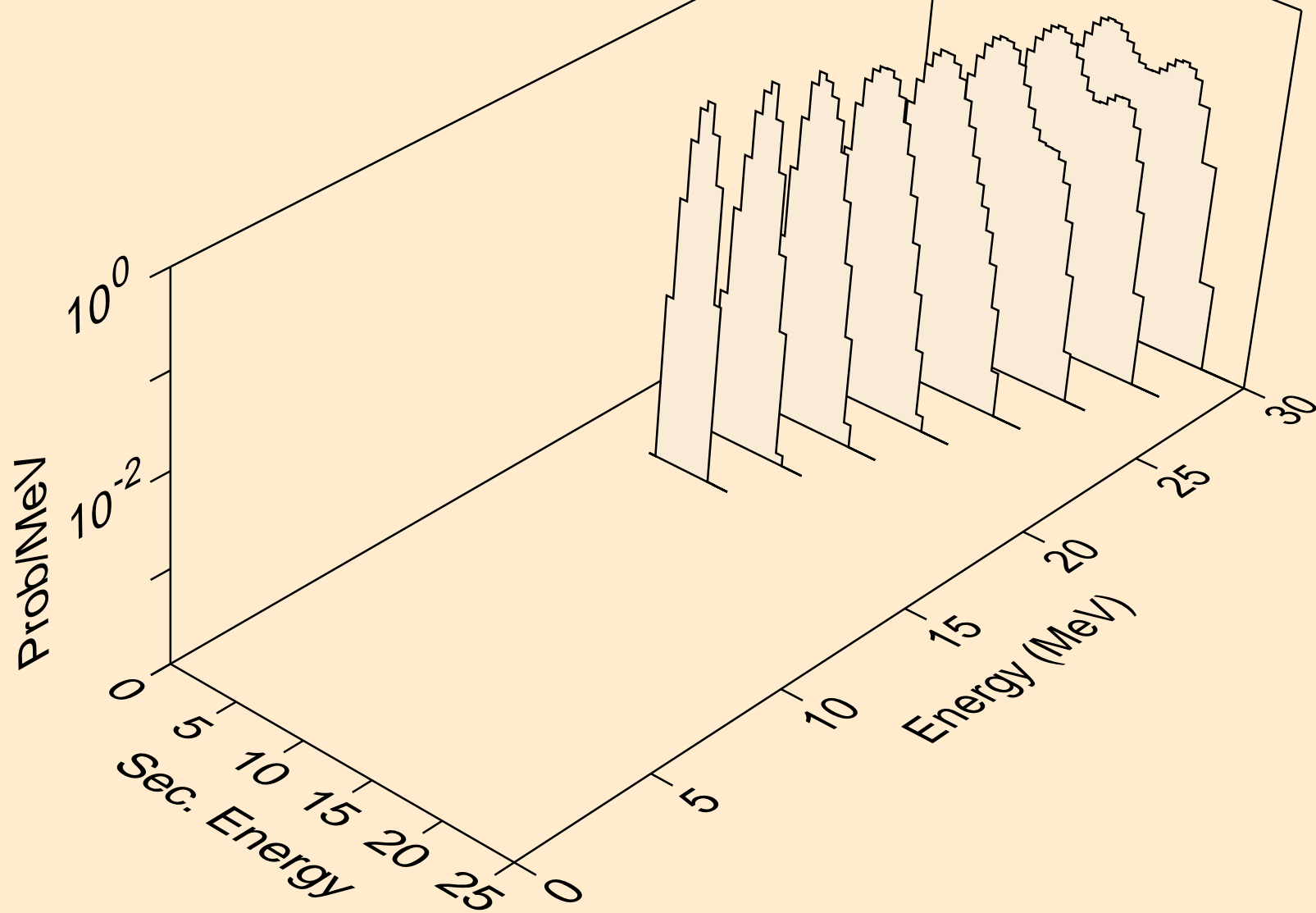
HF177N ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for inelastic



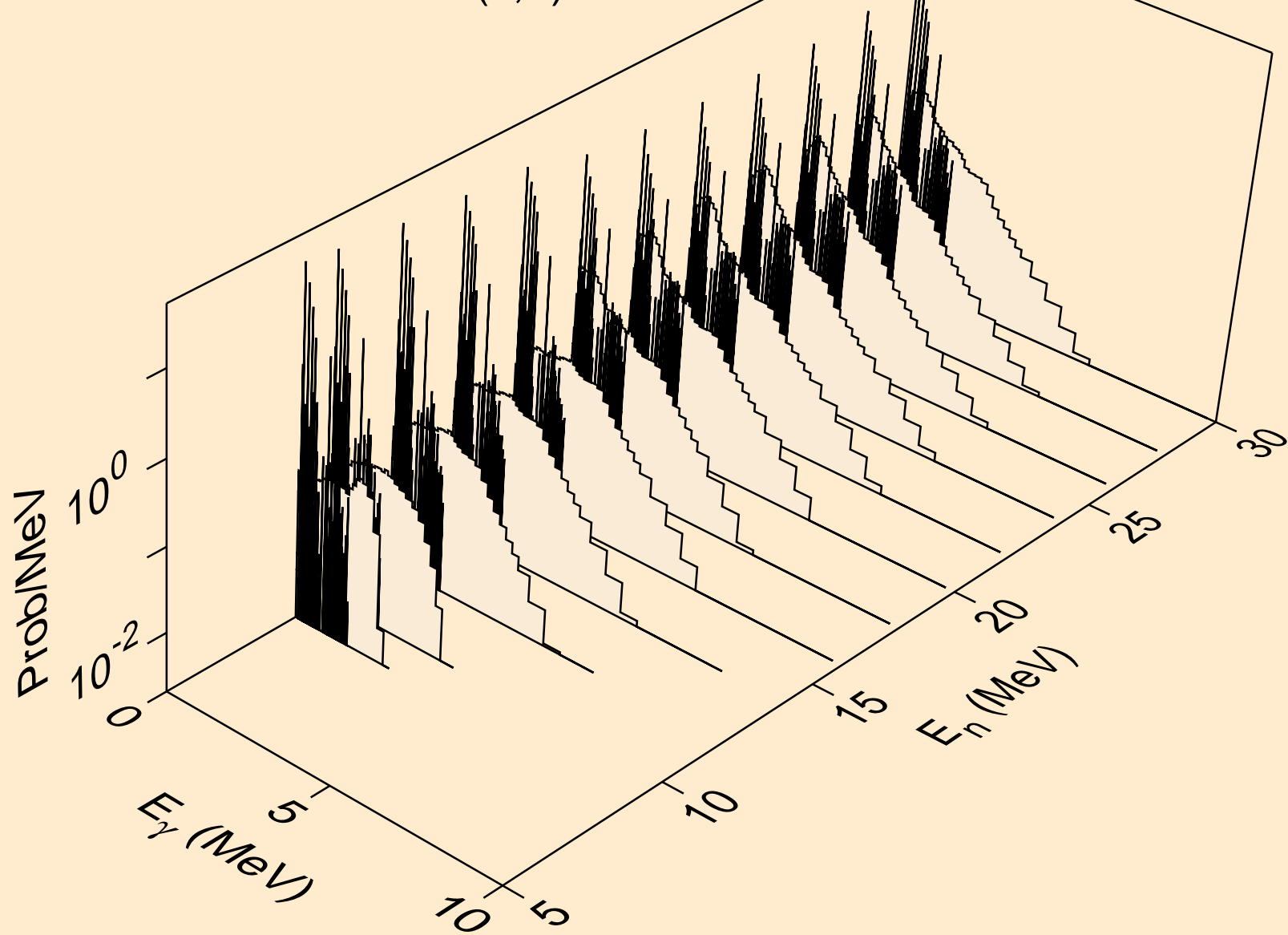
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Alpha emission for (a,2a)



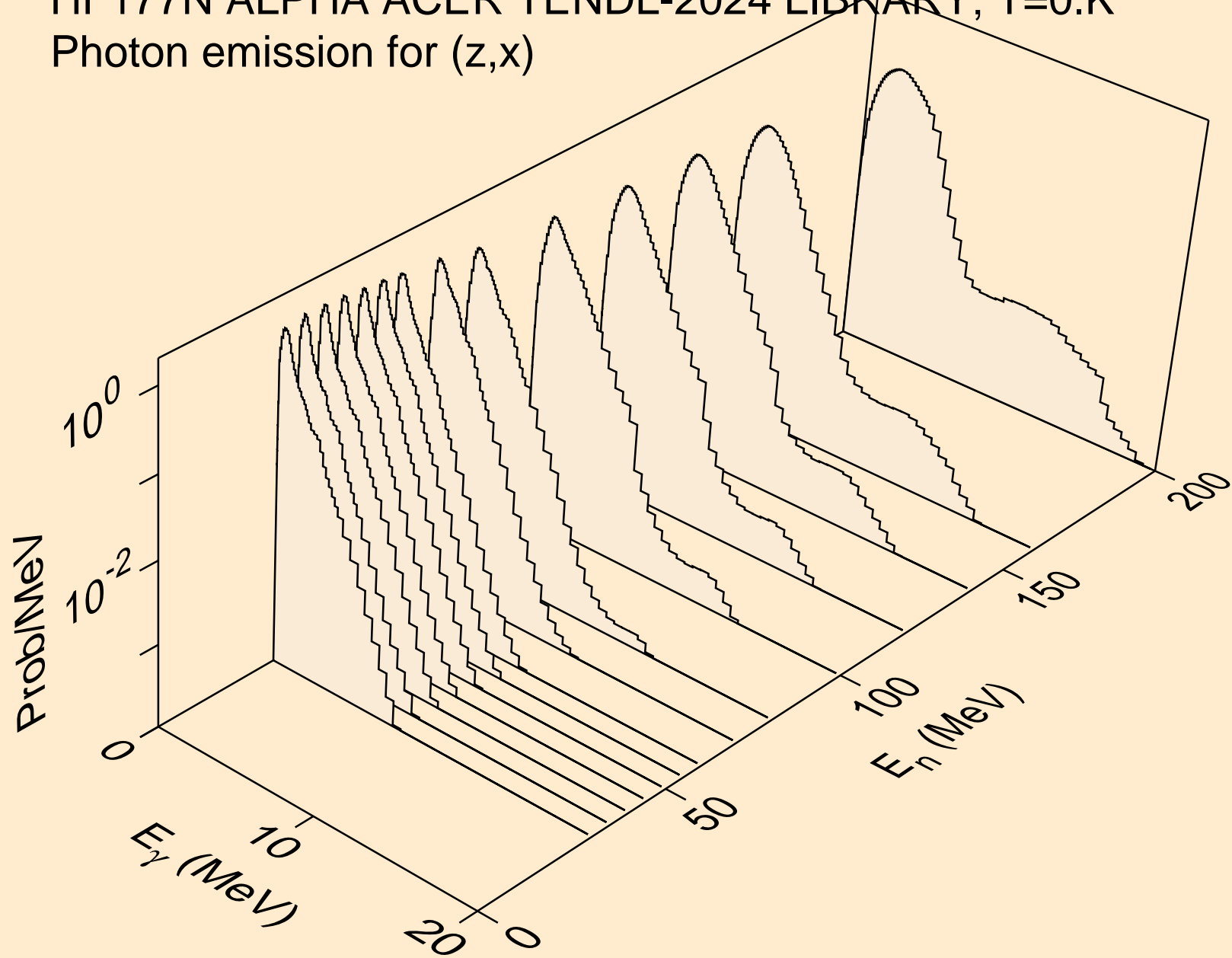
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Alpha emission for (a,pa)



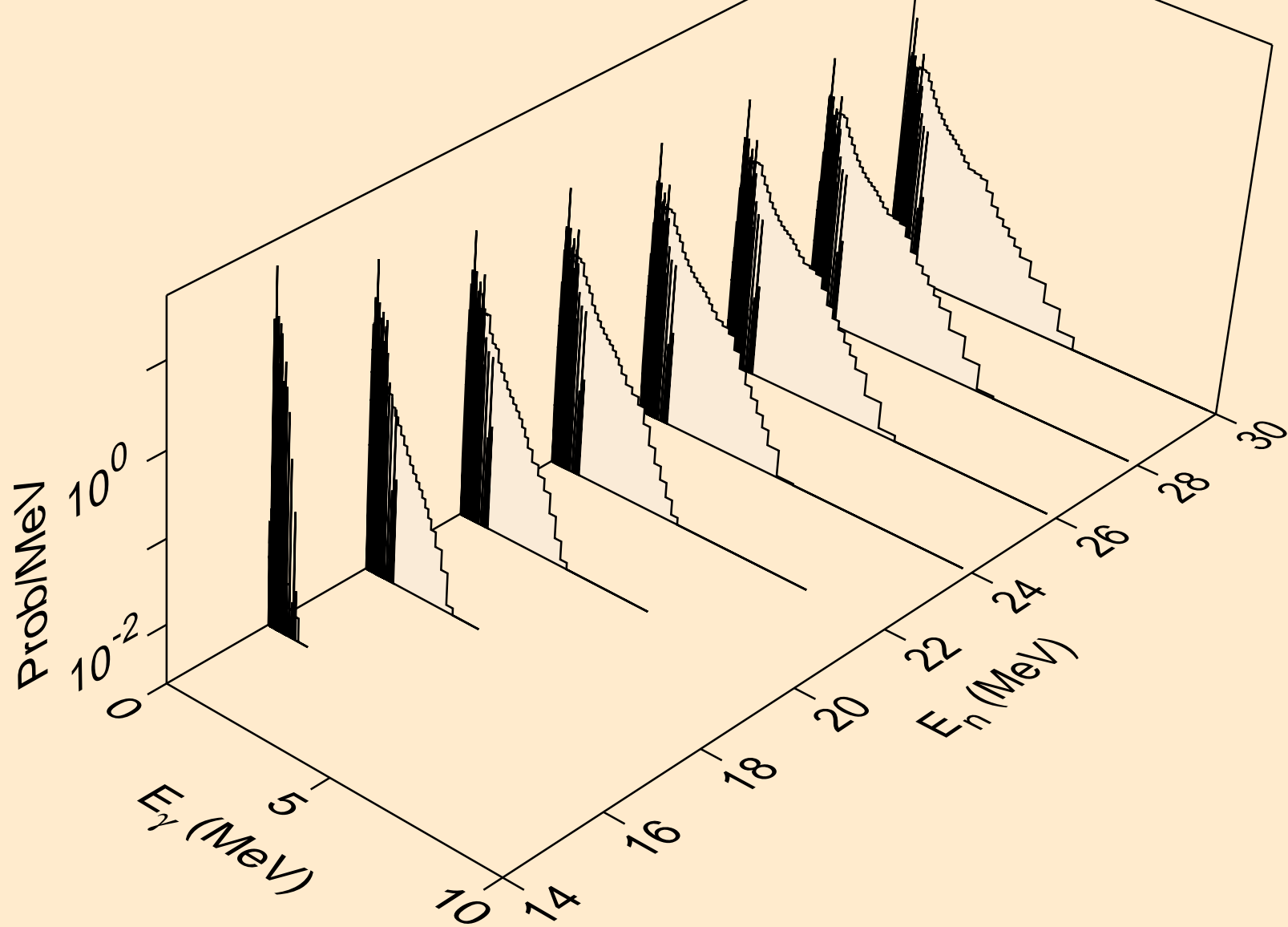
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Photon emission for (z,n)



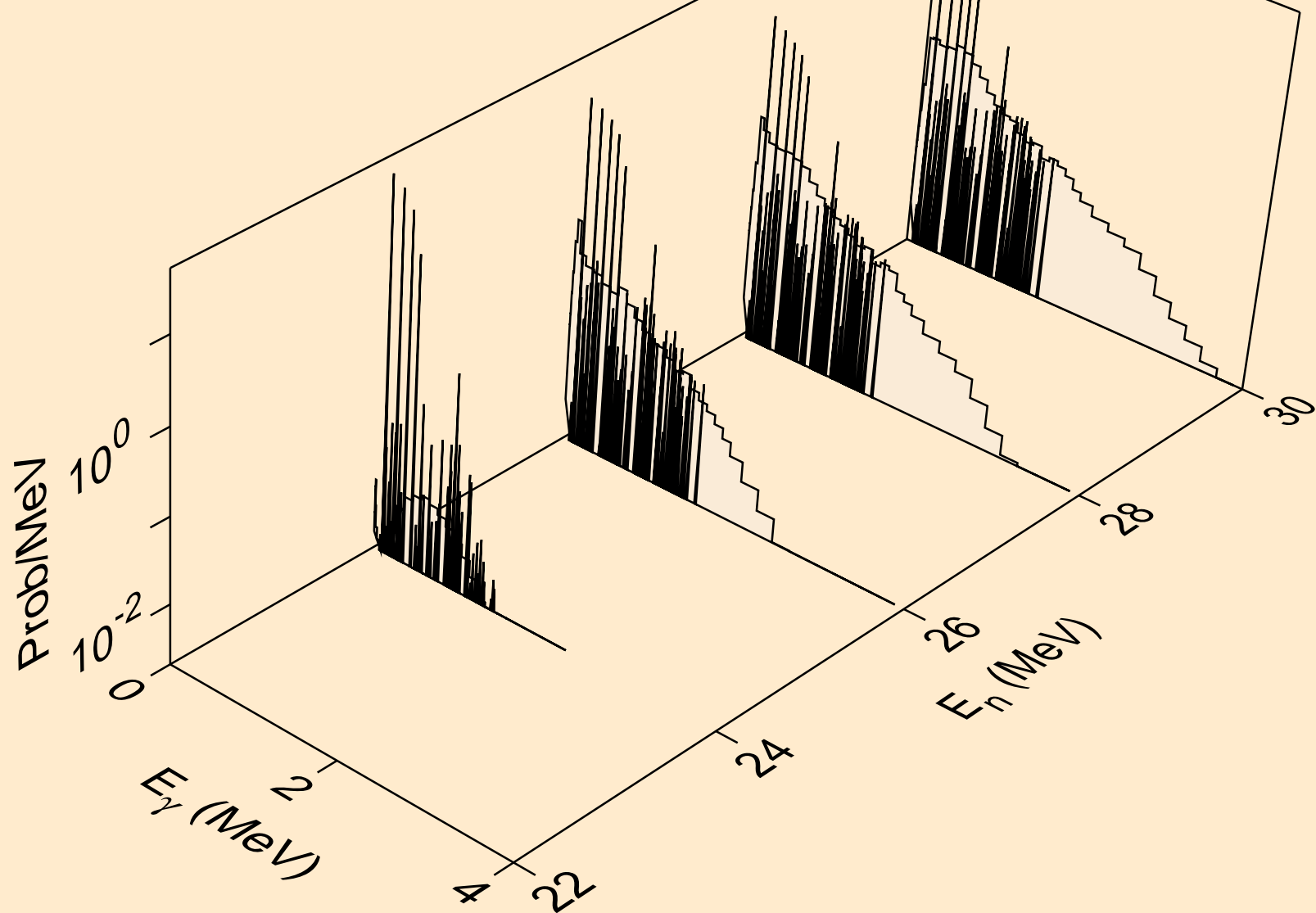
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Photon emission for (z,x)



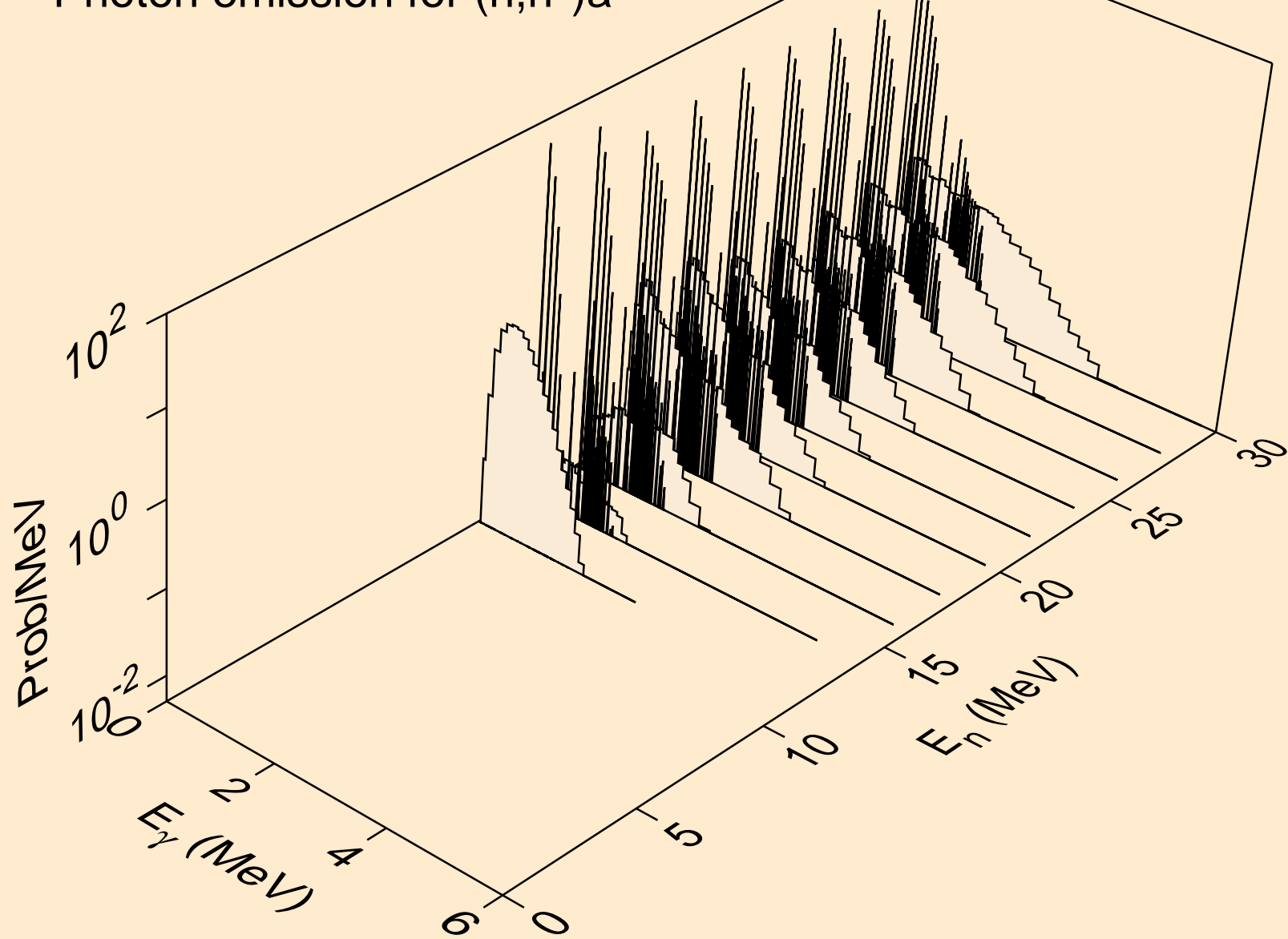
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Photon emission for (n,2n)



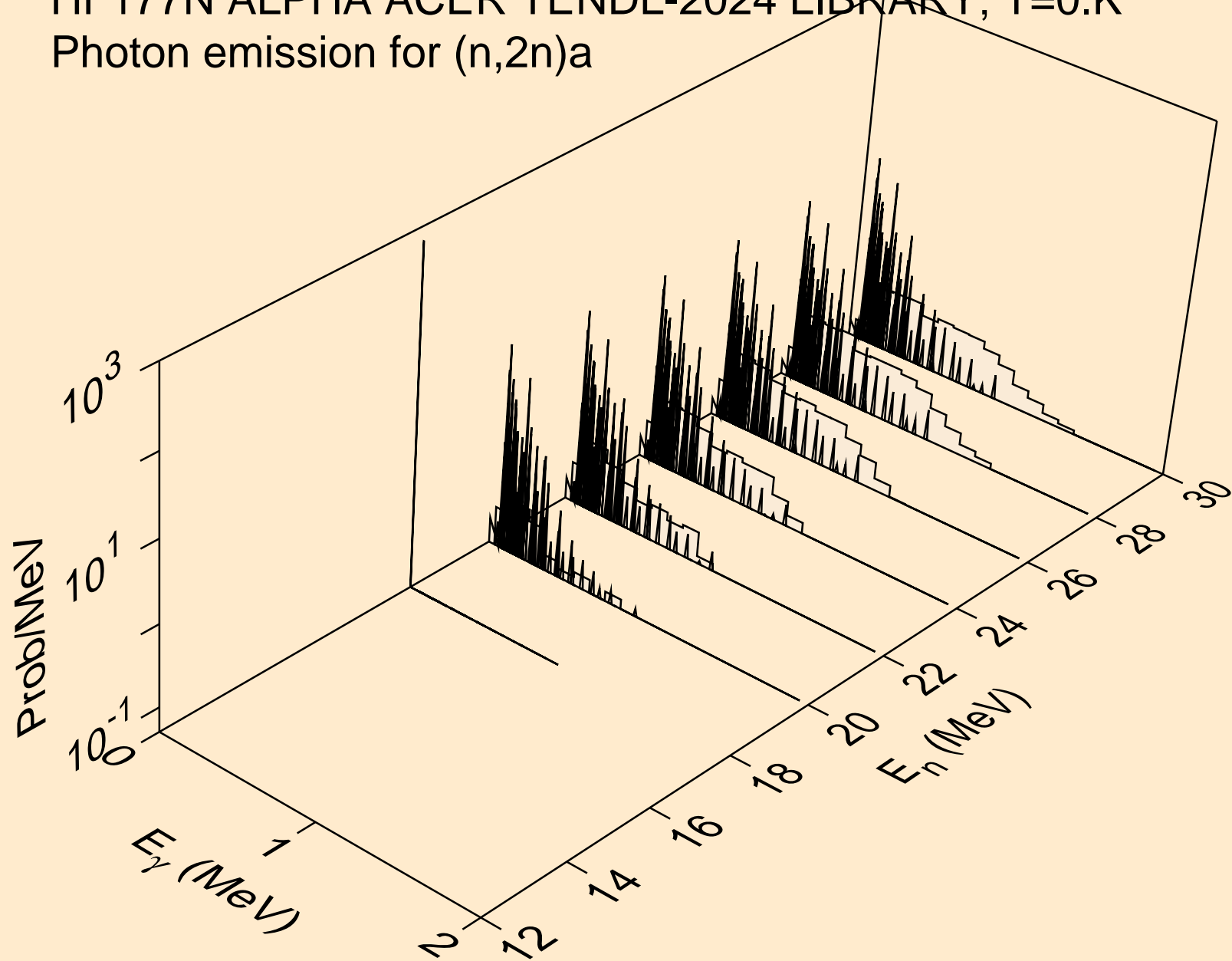
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Photon emission for (n,3n)



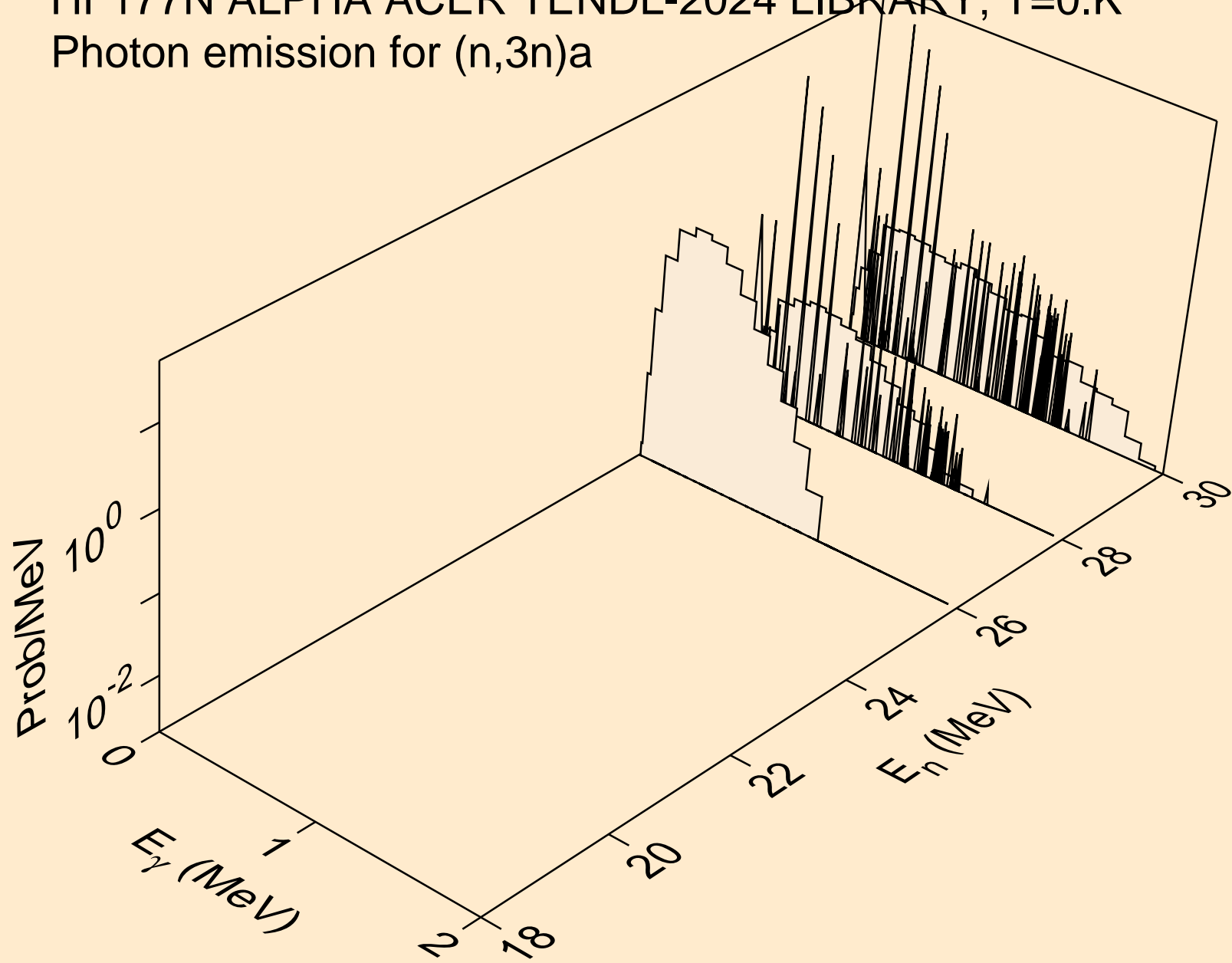
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Photon emission for (n,n\*)a



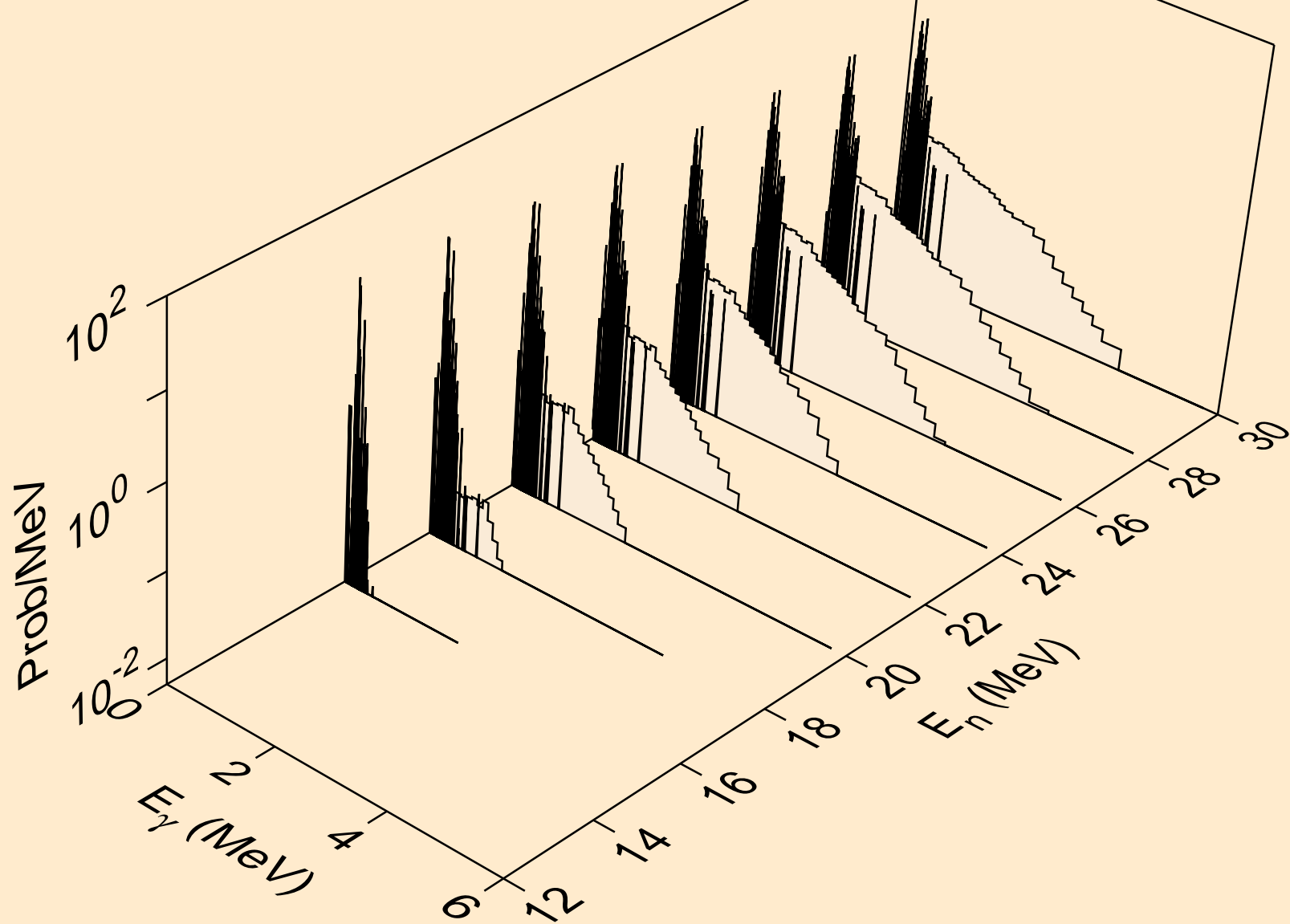
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Photon emission for (n,2n)a



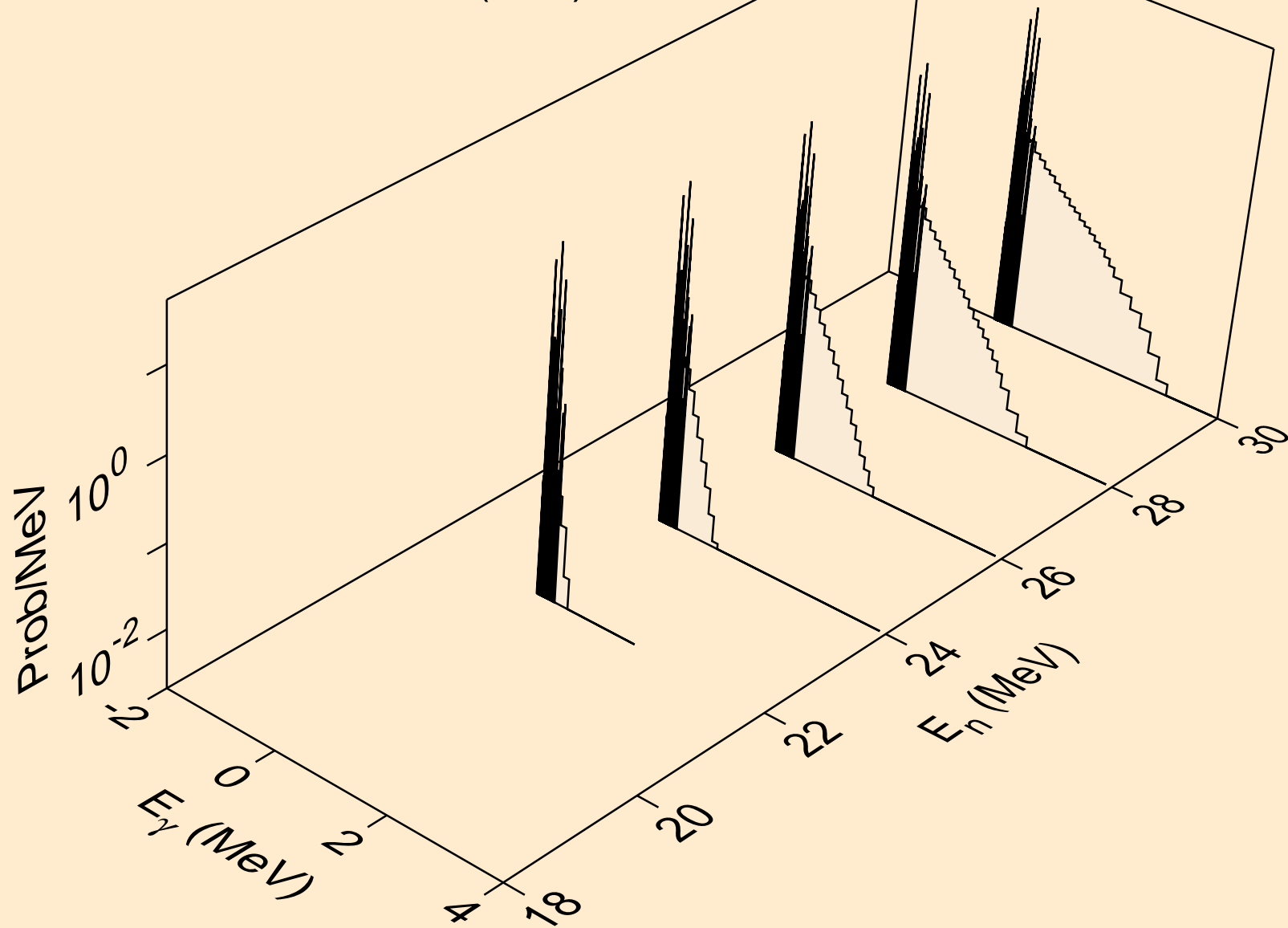
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Photon emission for (n,3n)a



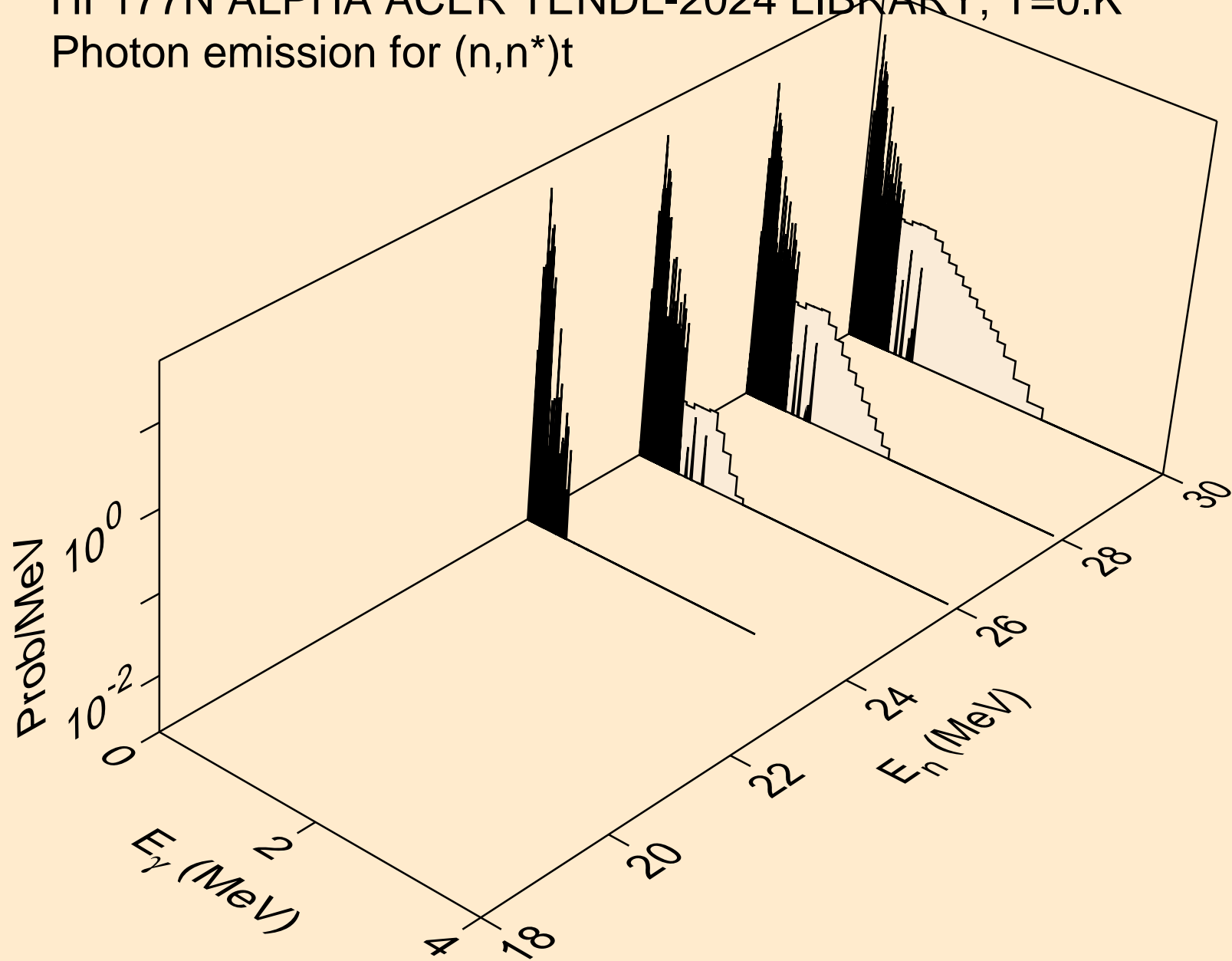
HF177N ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



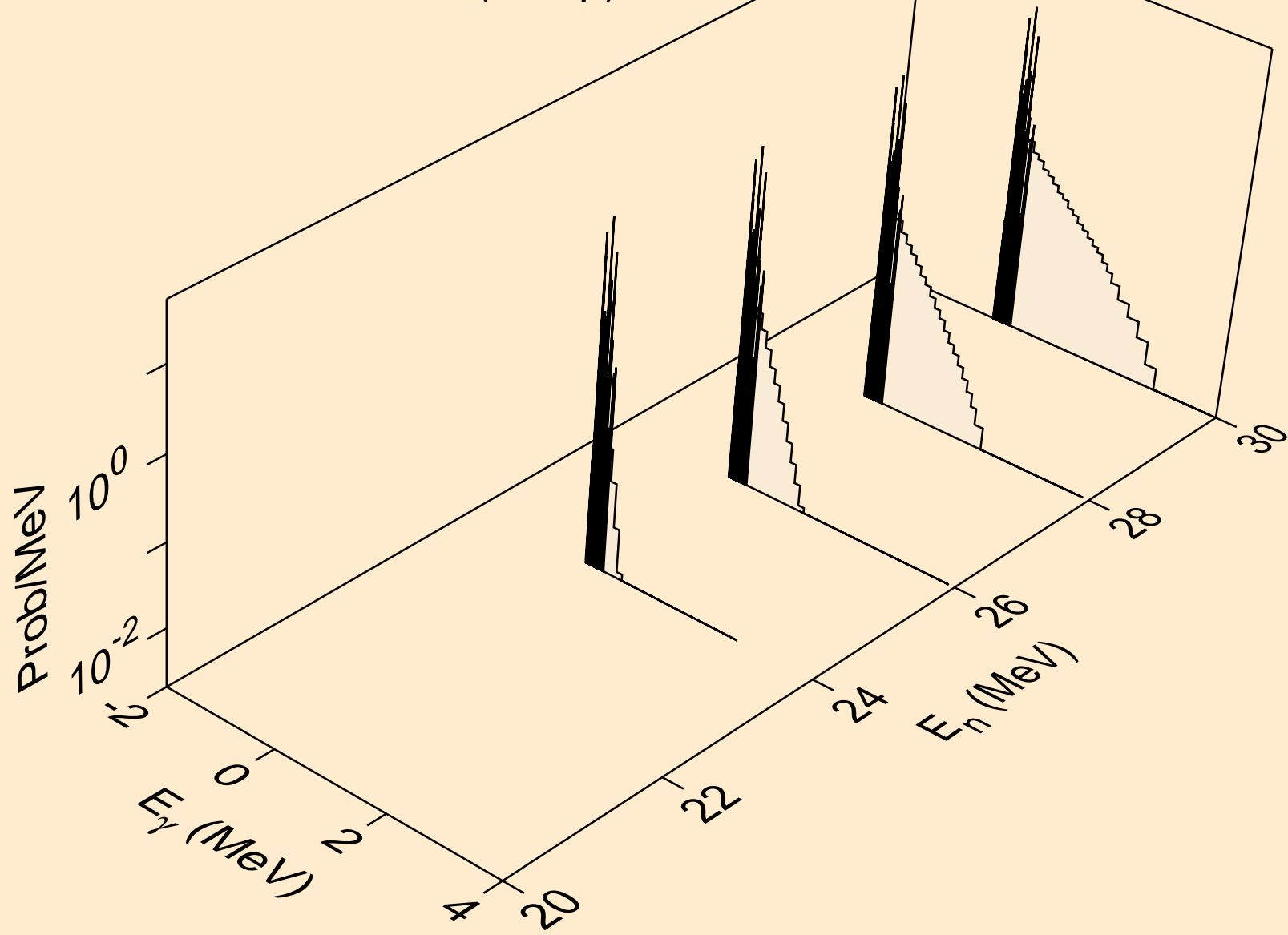
HF177N ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



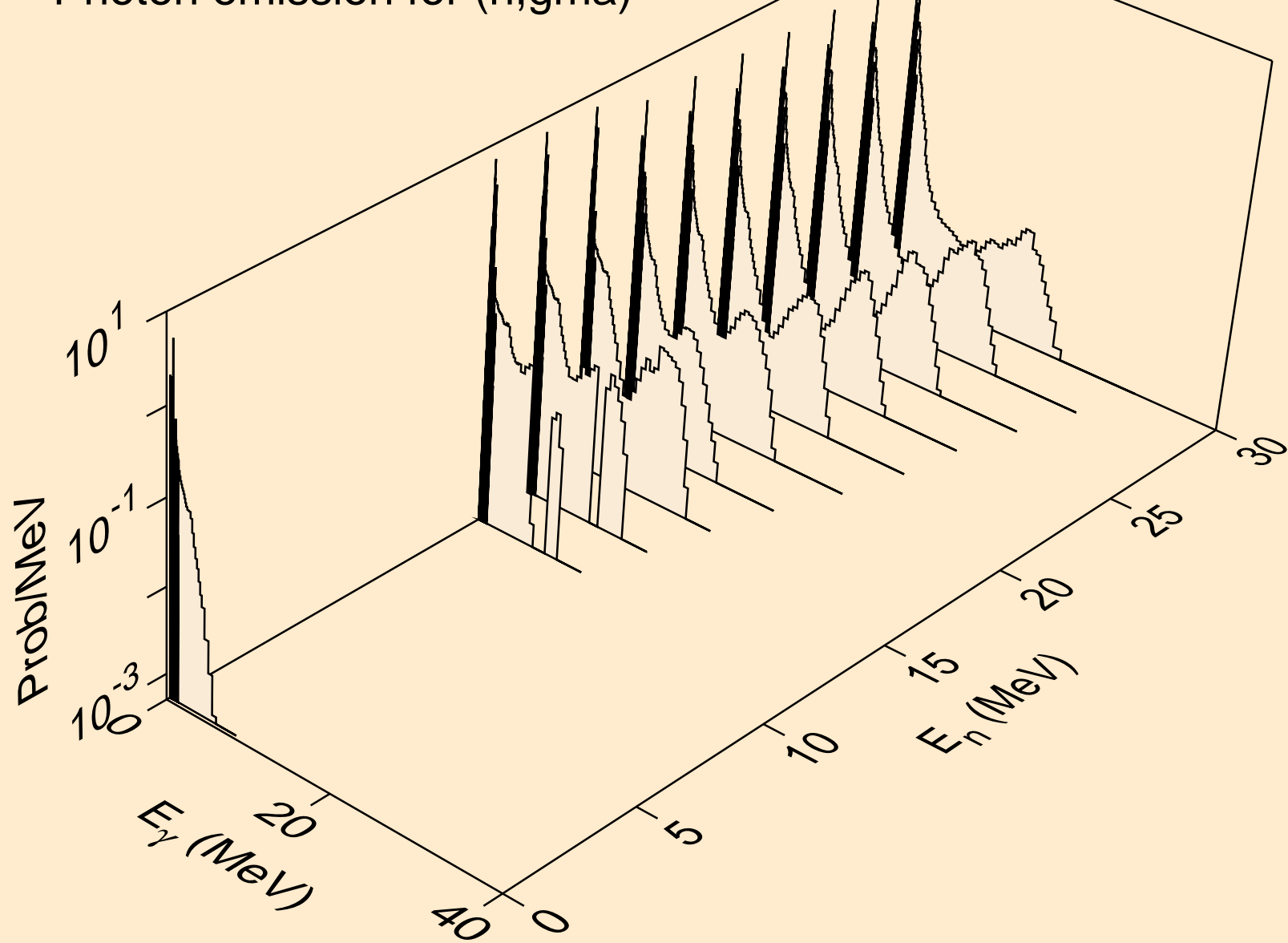
HF177N ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



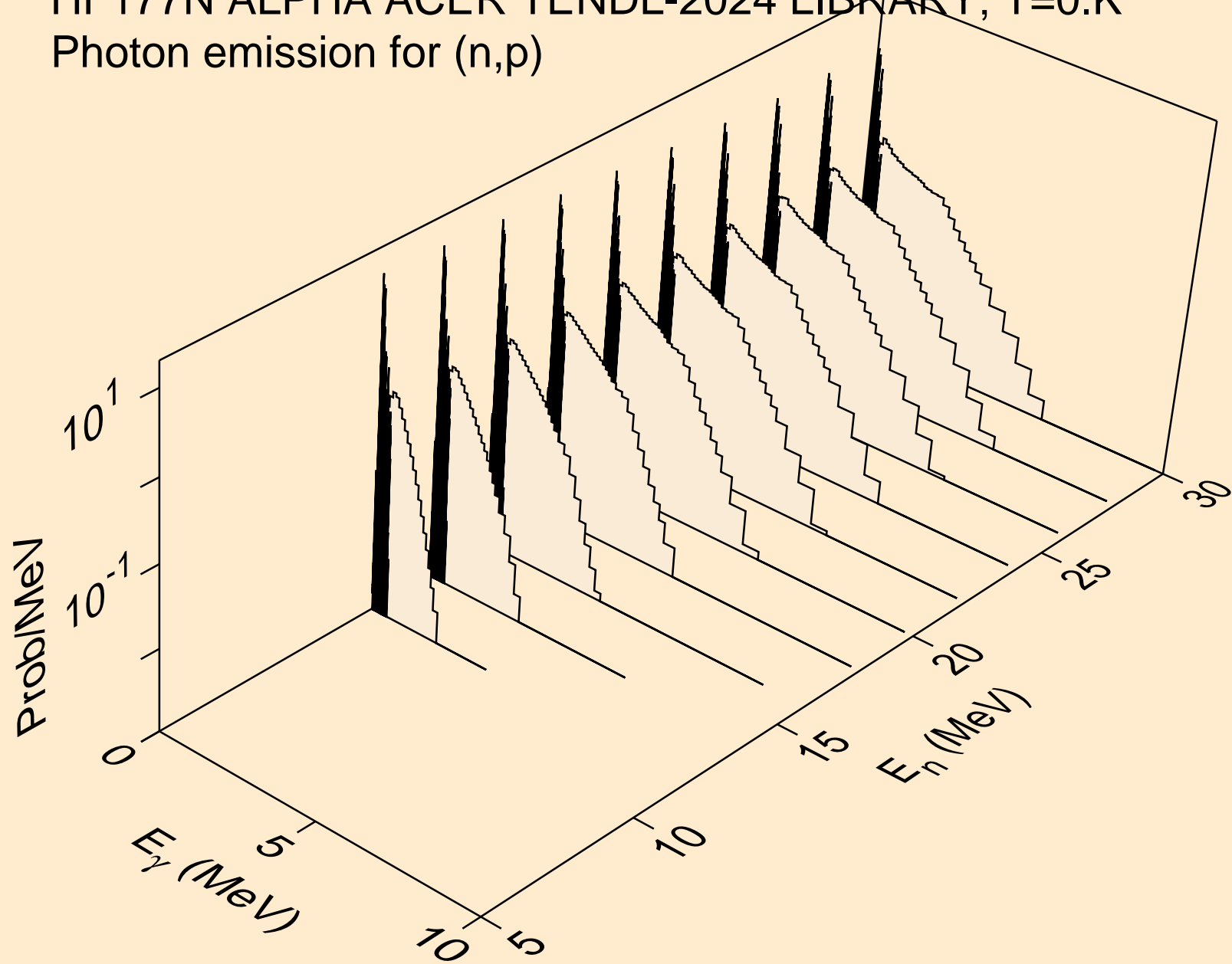
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Photon emission for (n,2np)



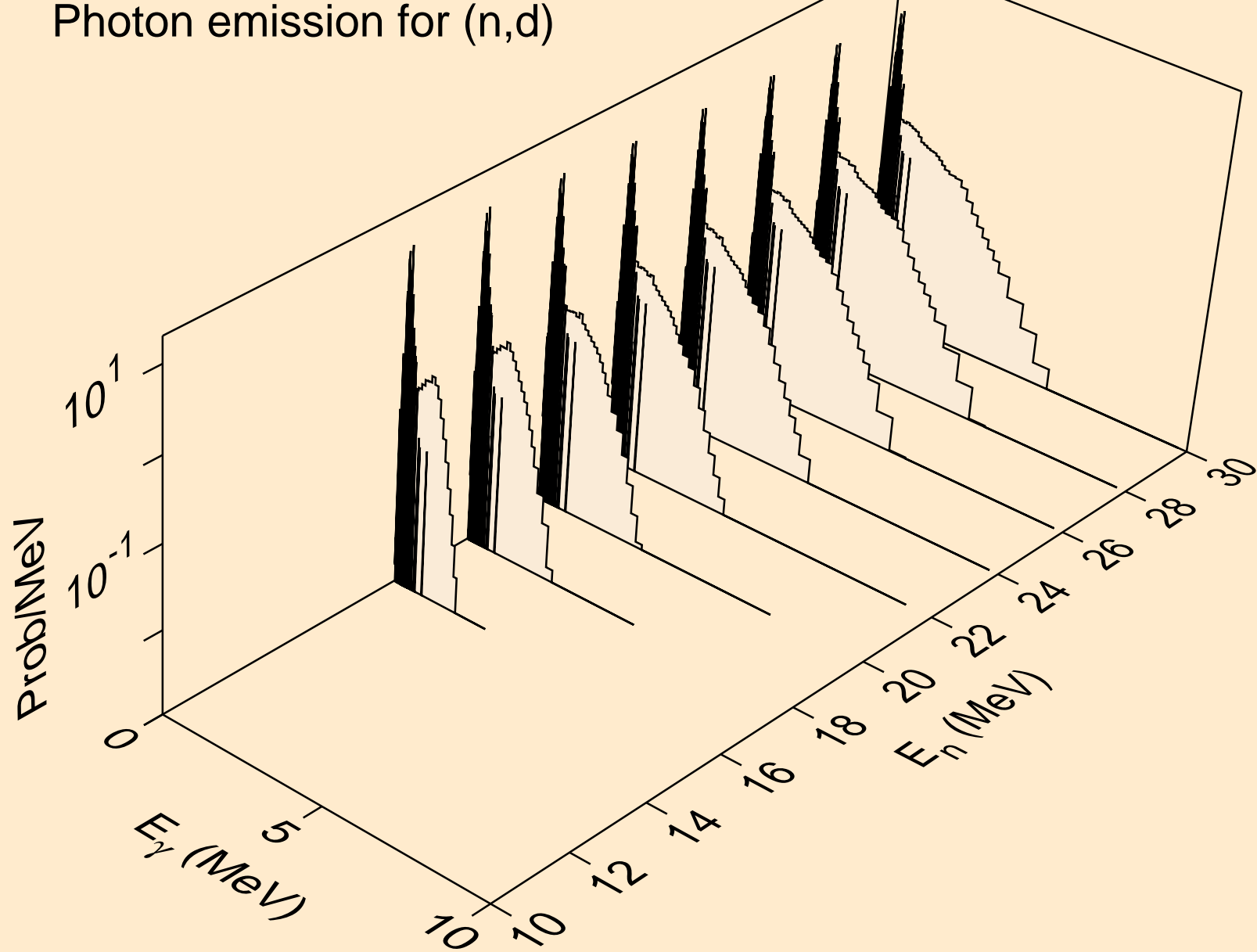
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Photon emission for (n,gma)



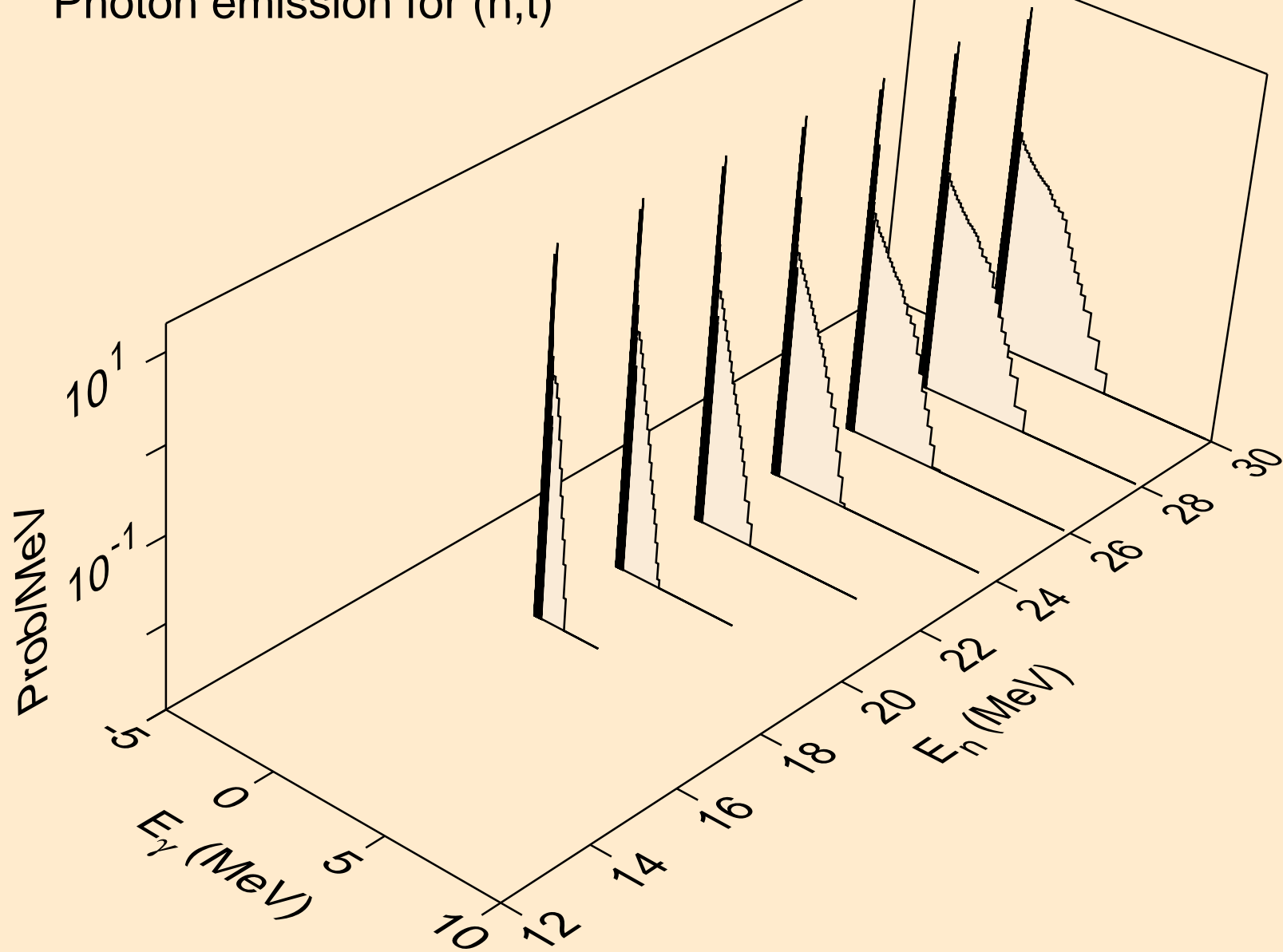
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Photon emission for (n,p)



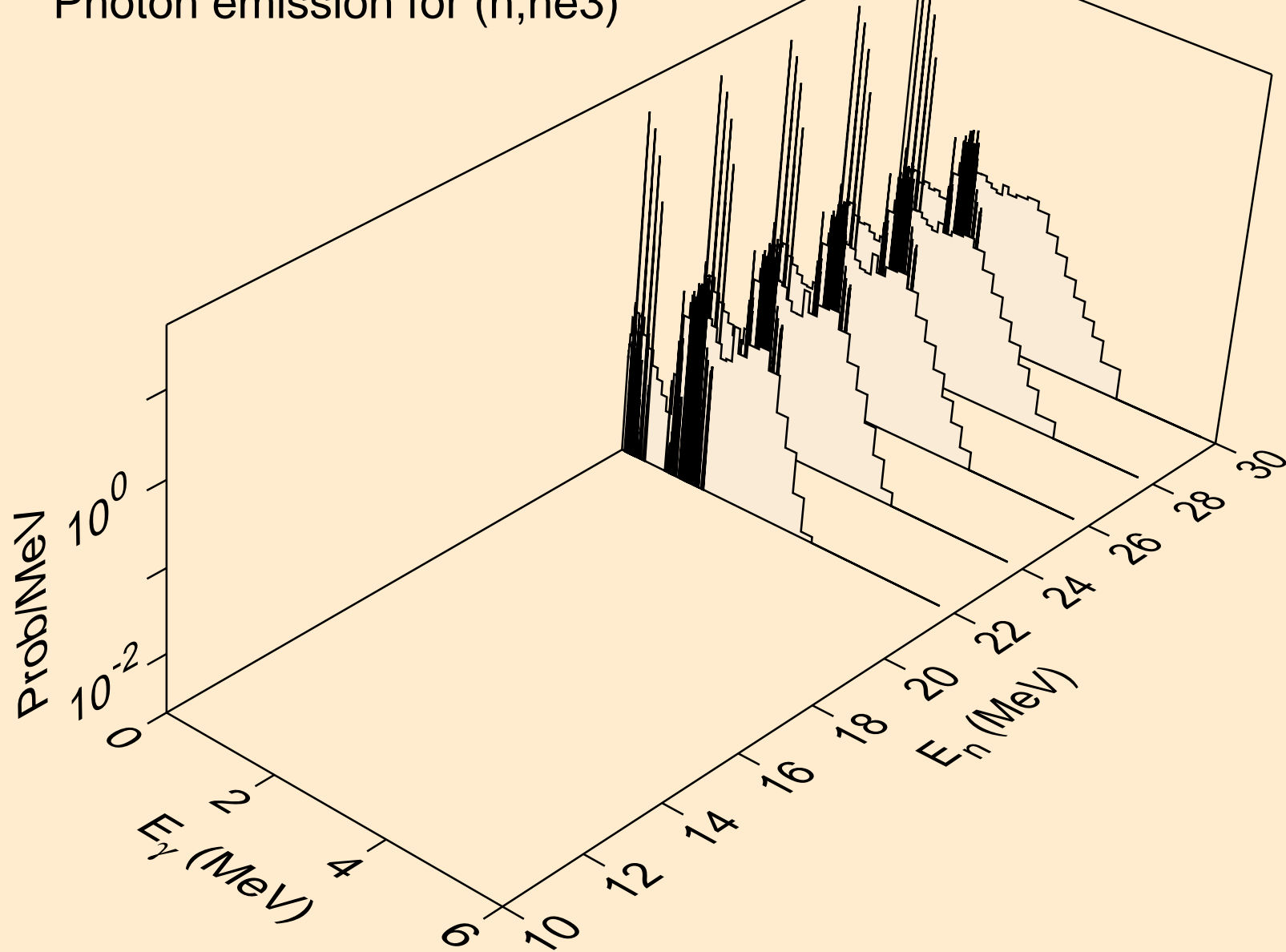
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Photon emission for (n,d)



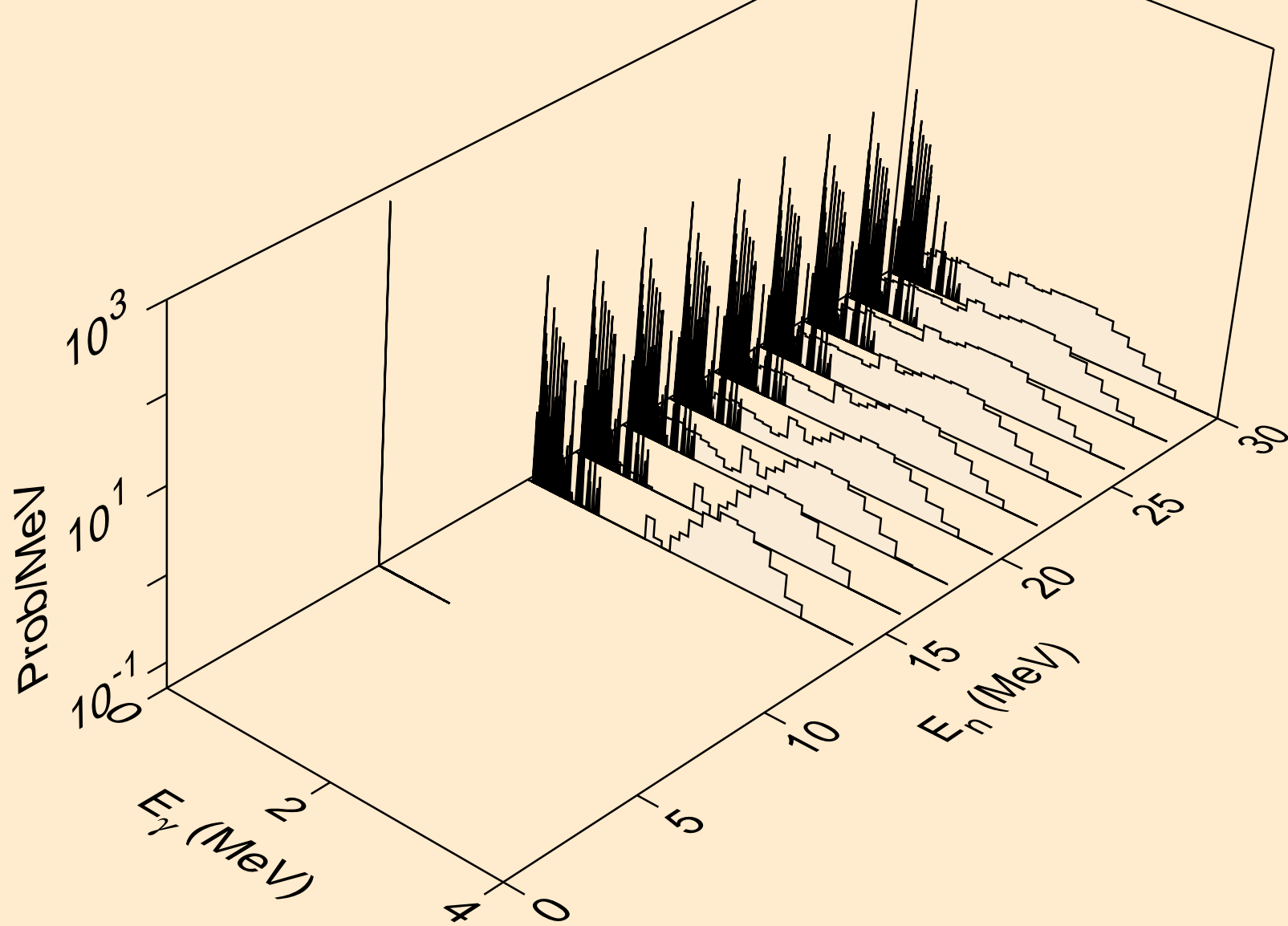
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Photon emission for (n,t)



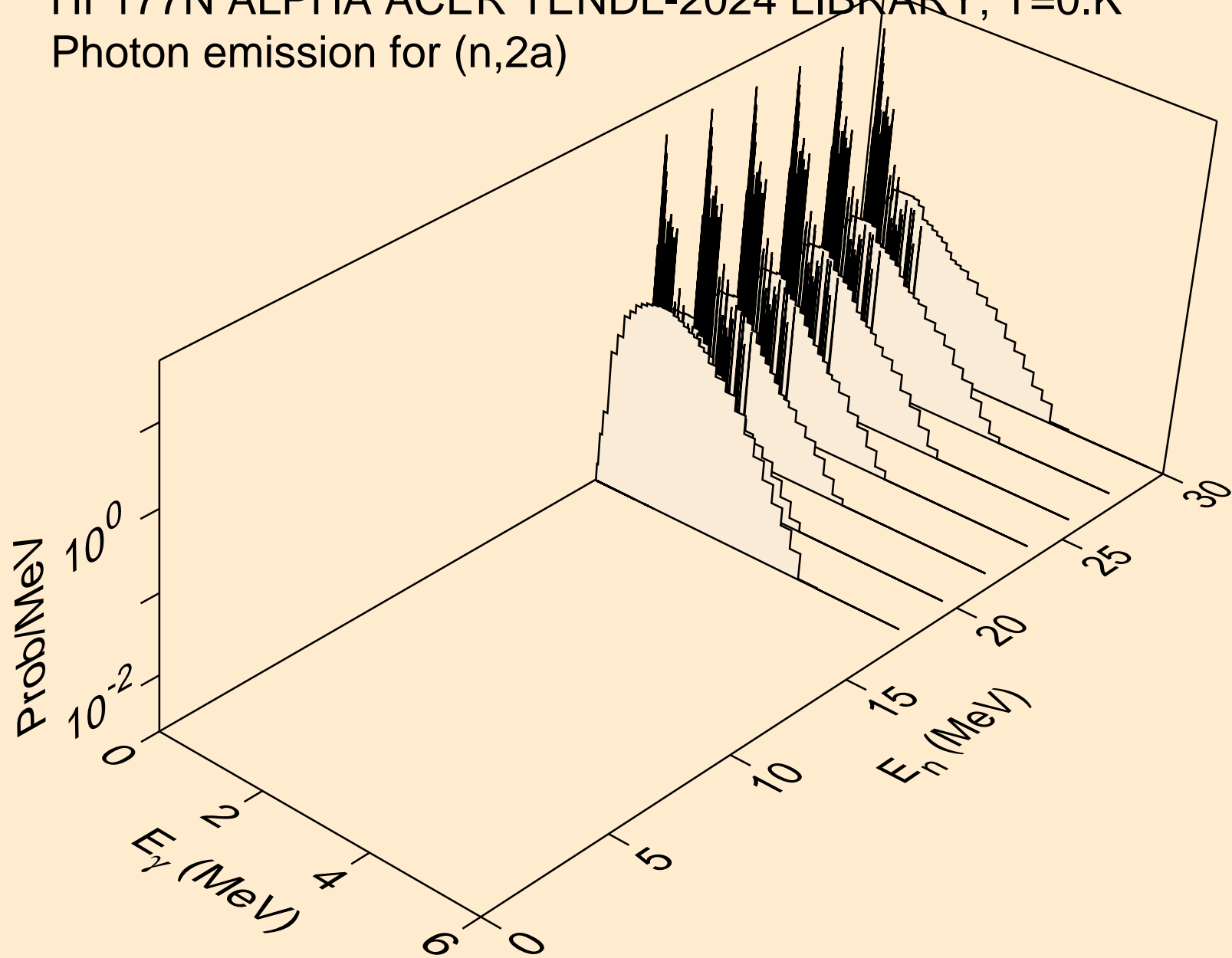
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Photon emission for (n,he3)



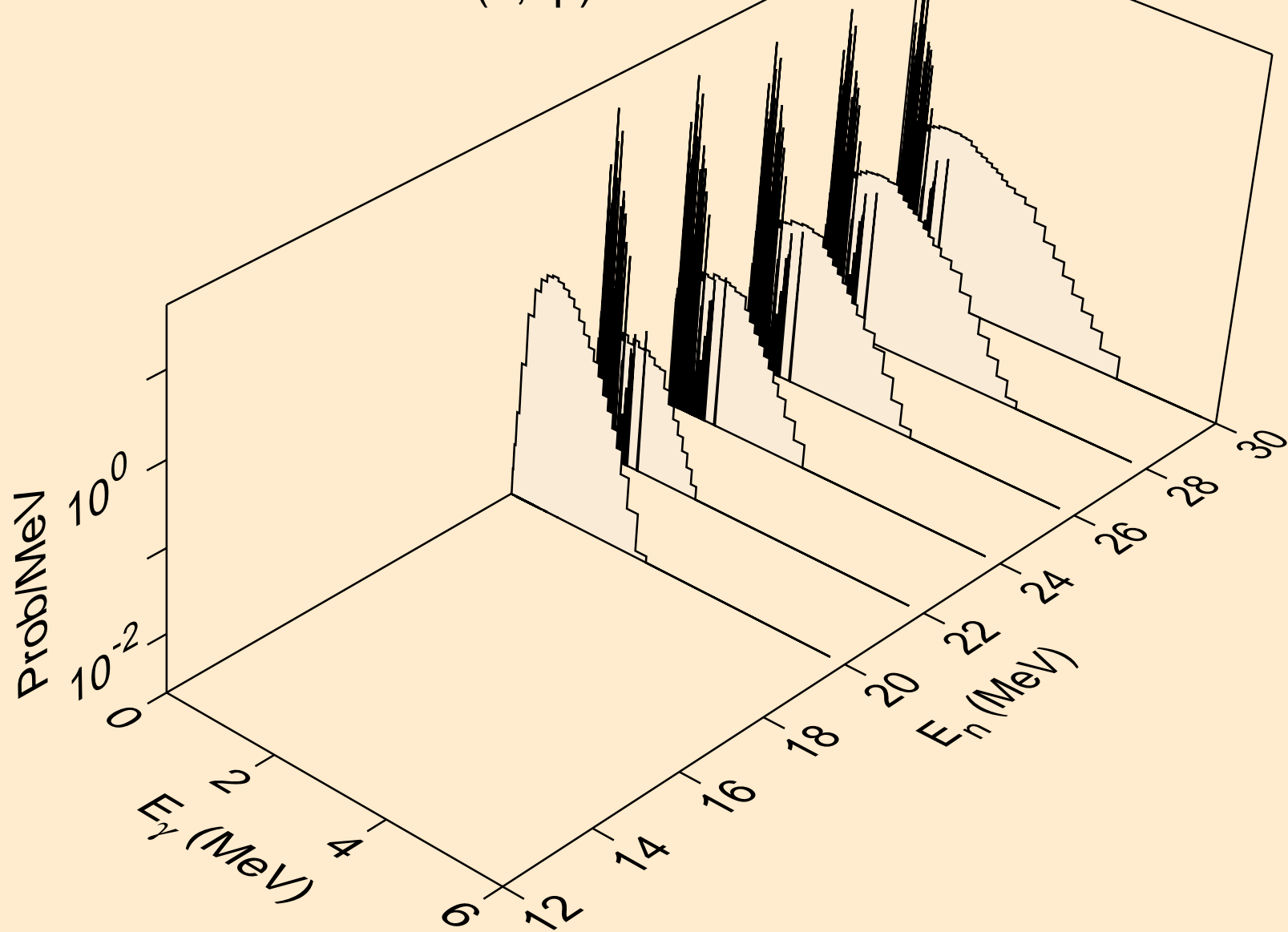
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Photon emission for inelastic



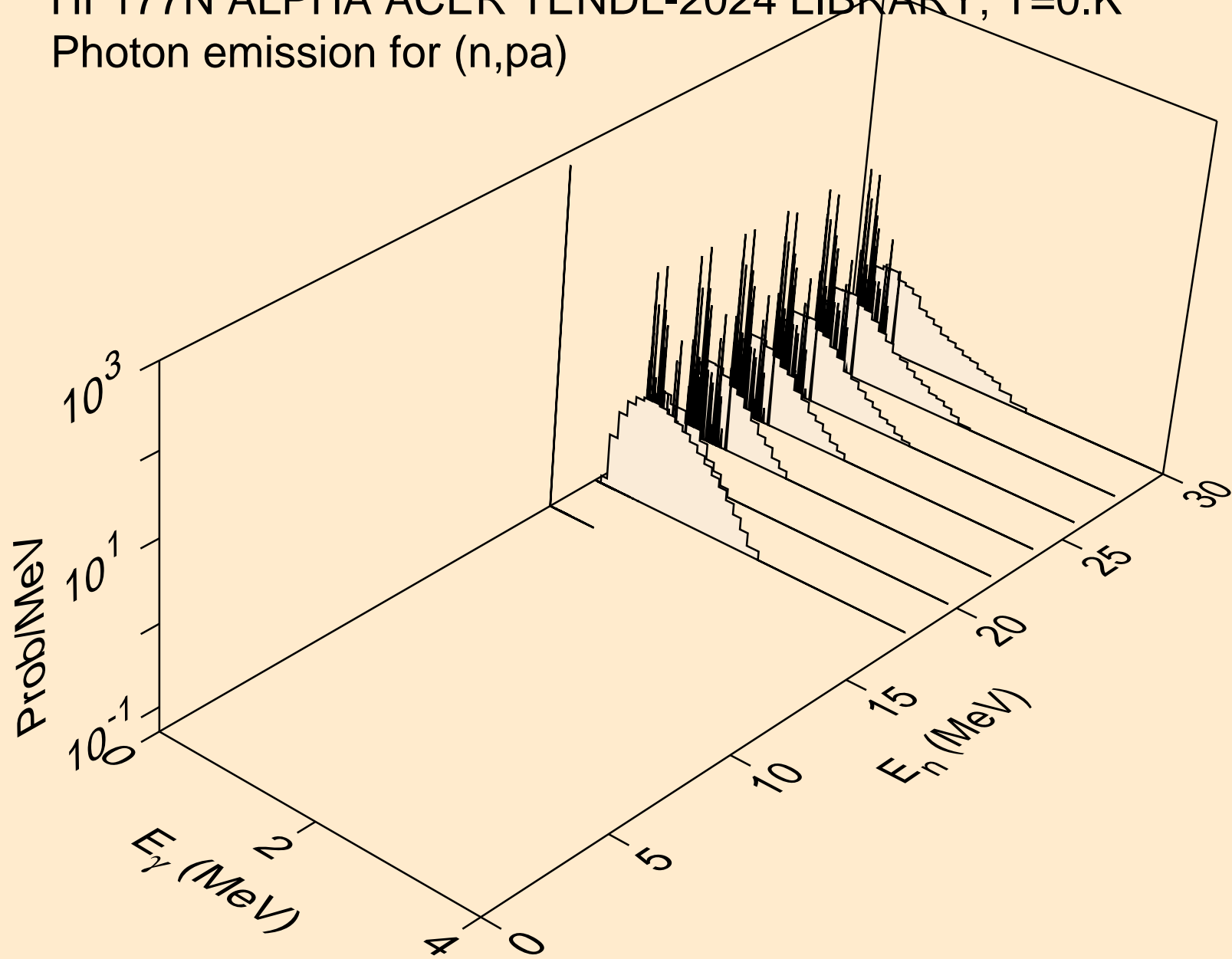
HF177N ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



HF177N ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)

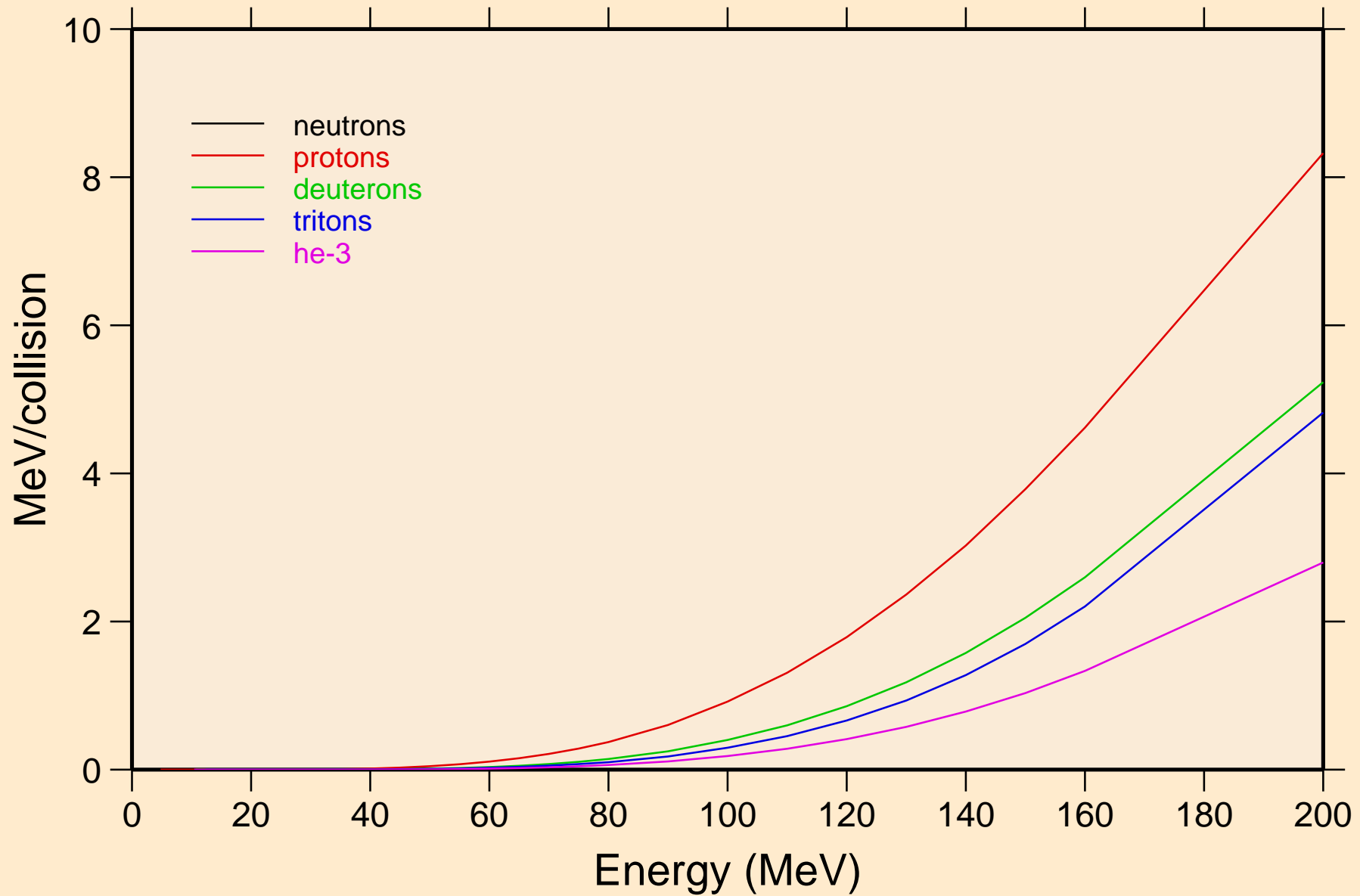


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Photon emission for (n,pa)

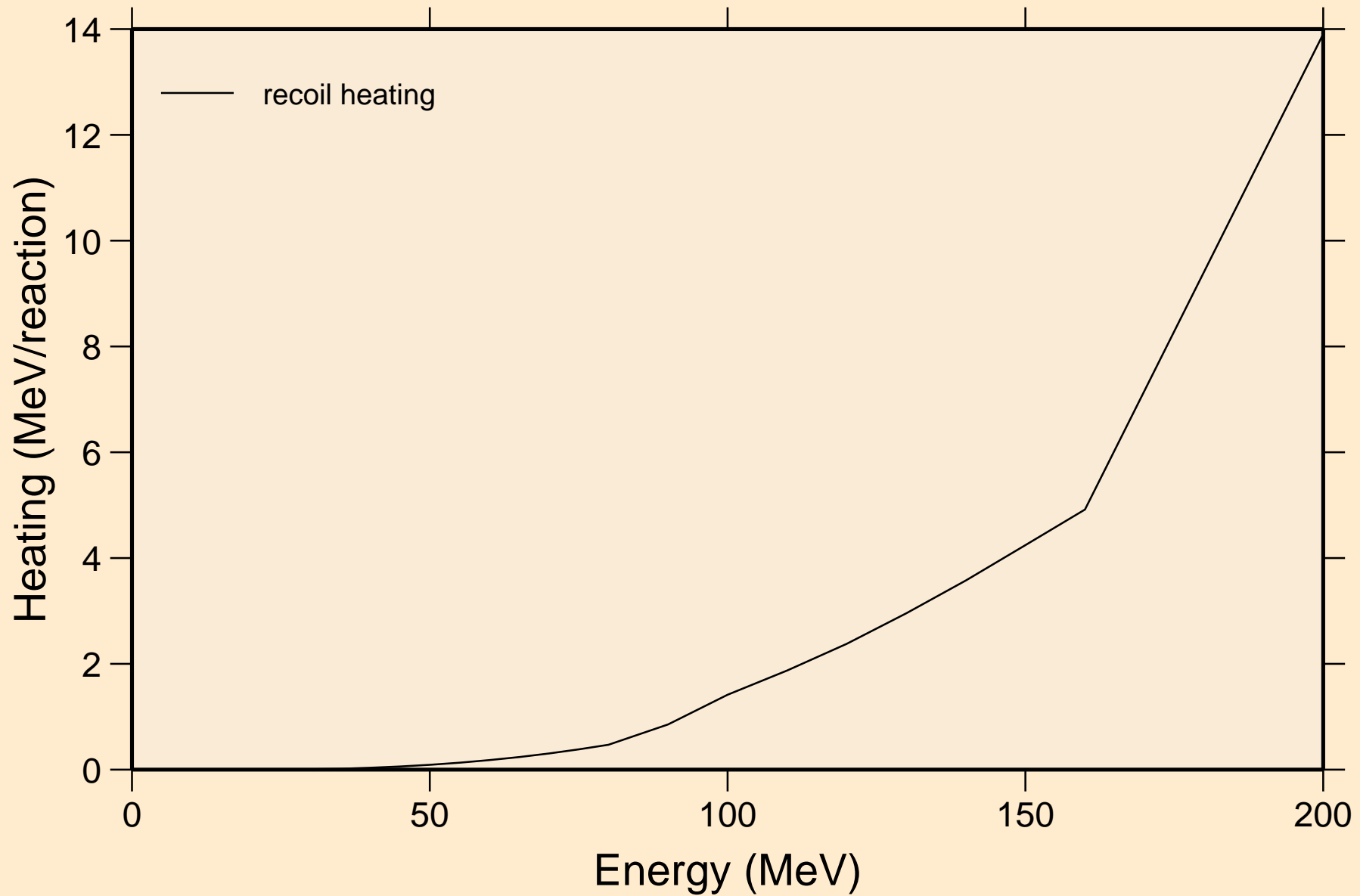


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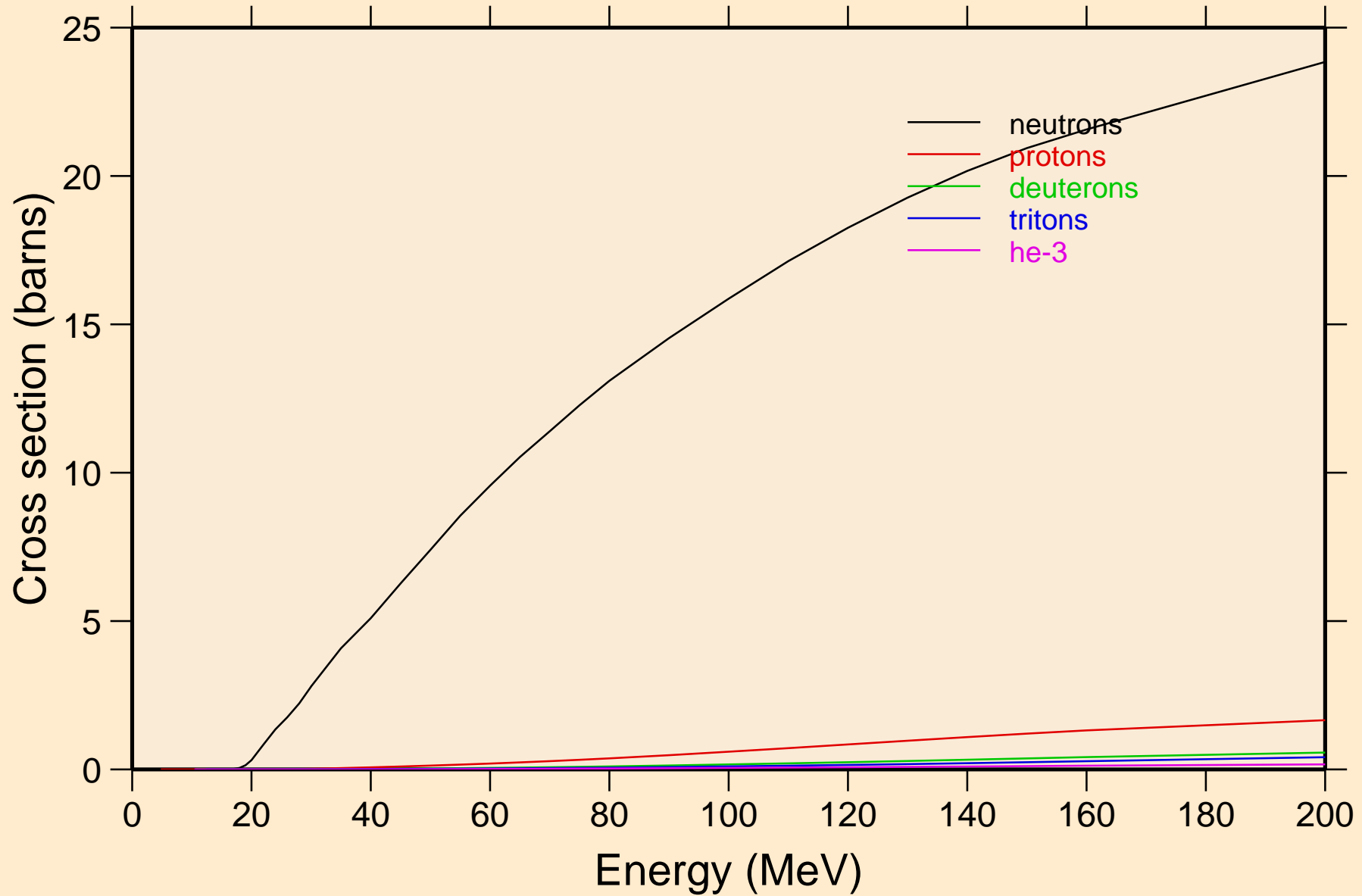
## Particle heating contributions



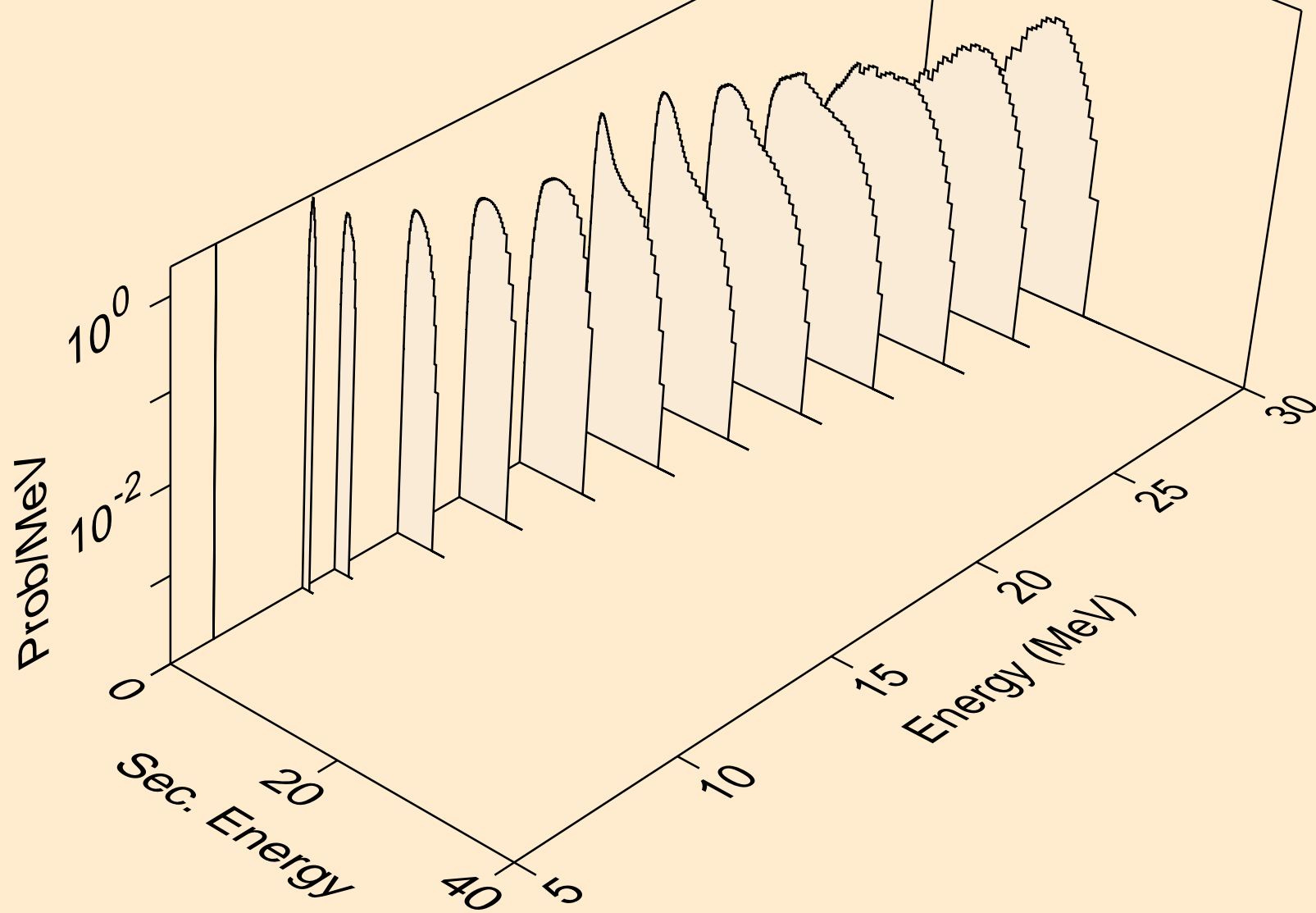
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Recoil Heating



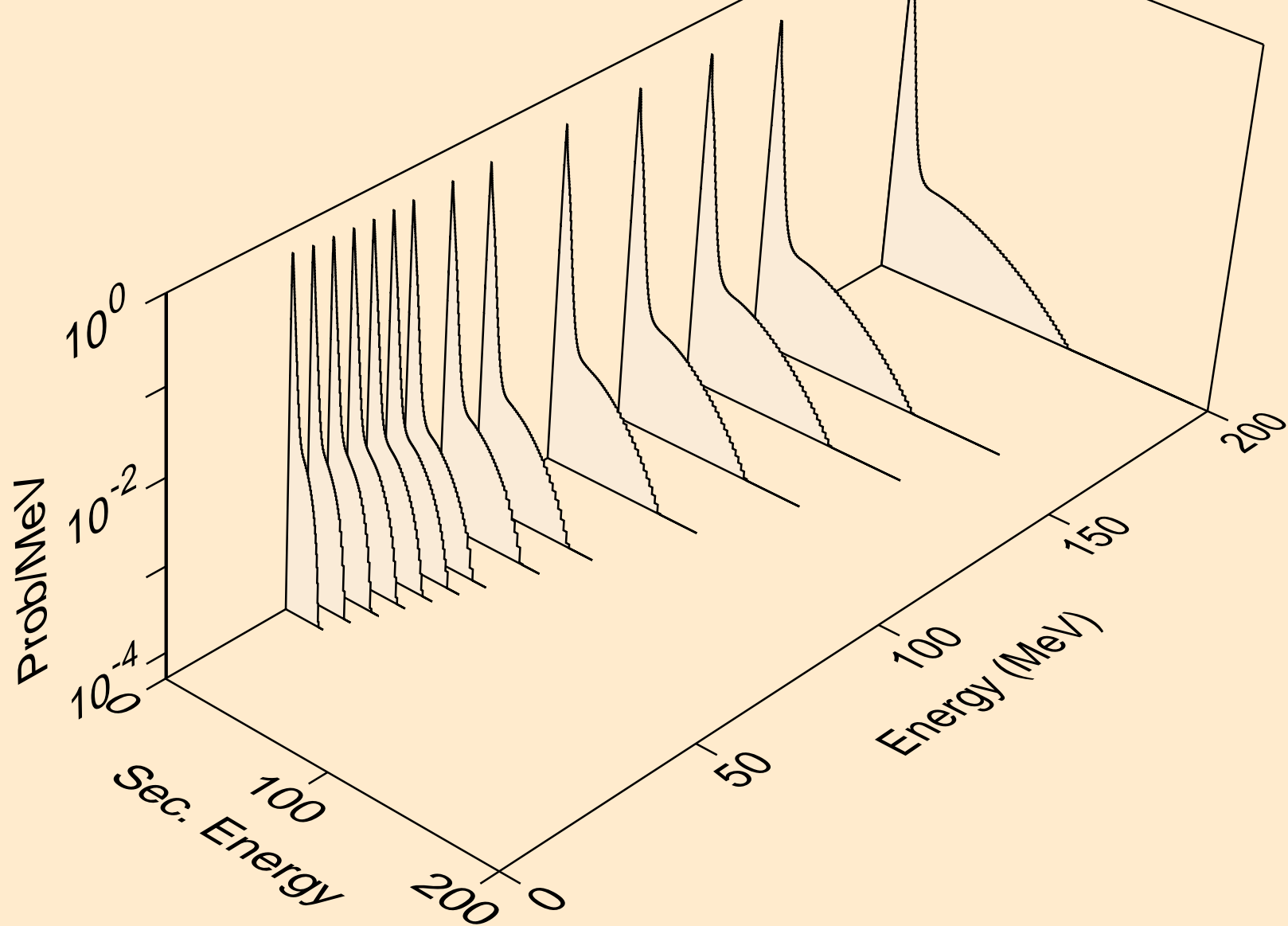
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Particle production cross sections



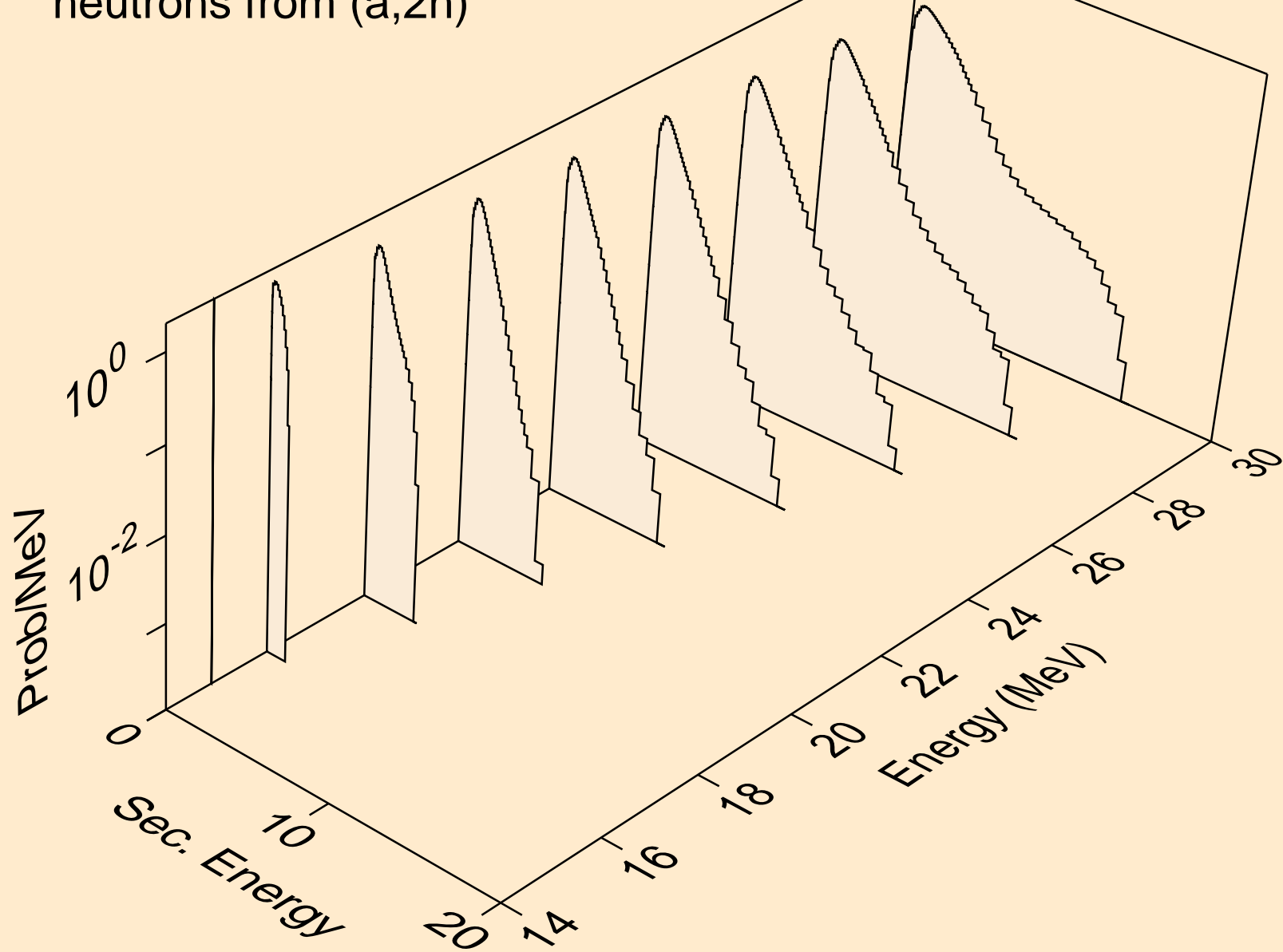
HF177N ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n)



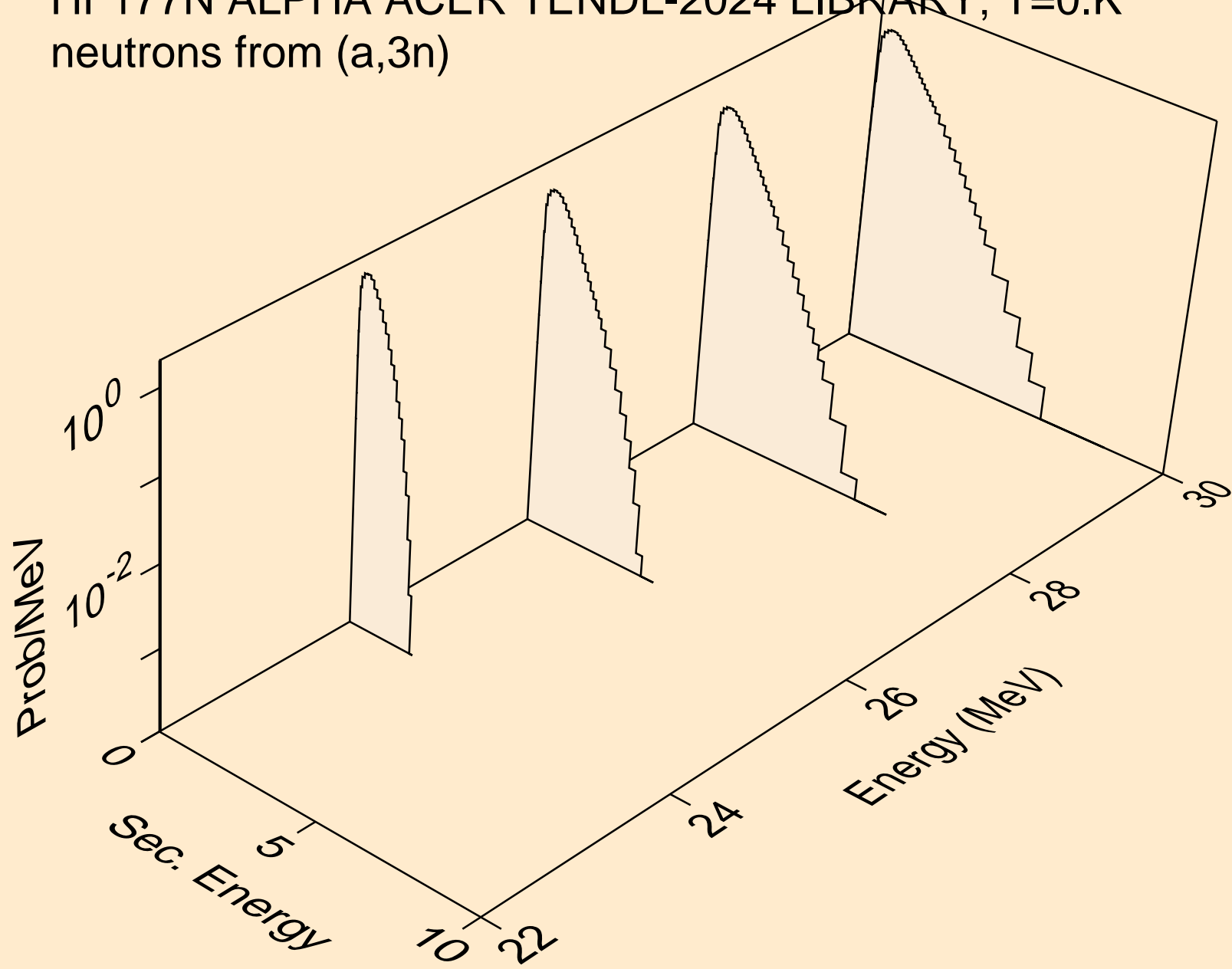
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neutrons from (a,x)



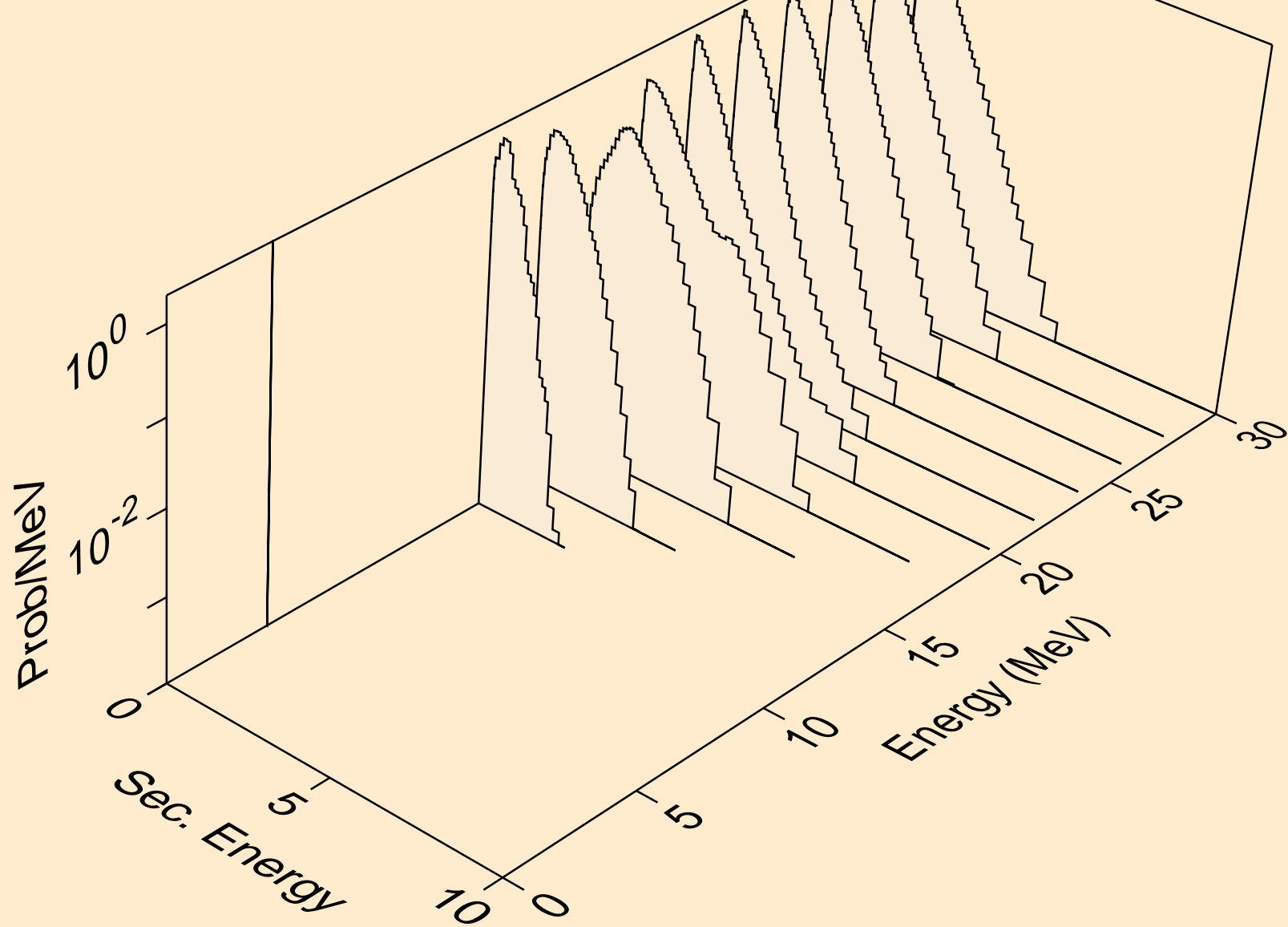
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neutrons from (a,2n)



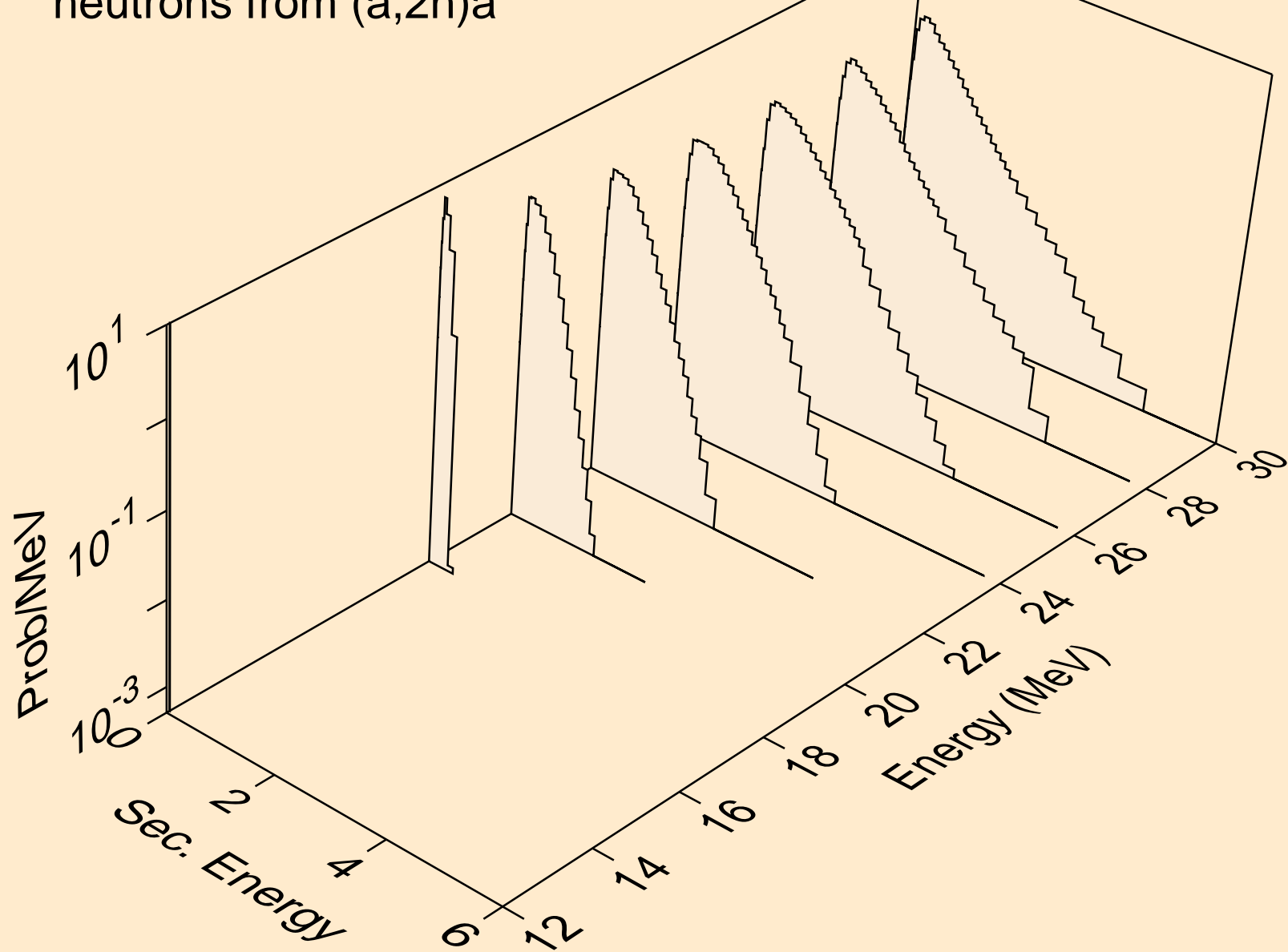
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neutrons from (a,3n)



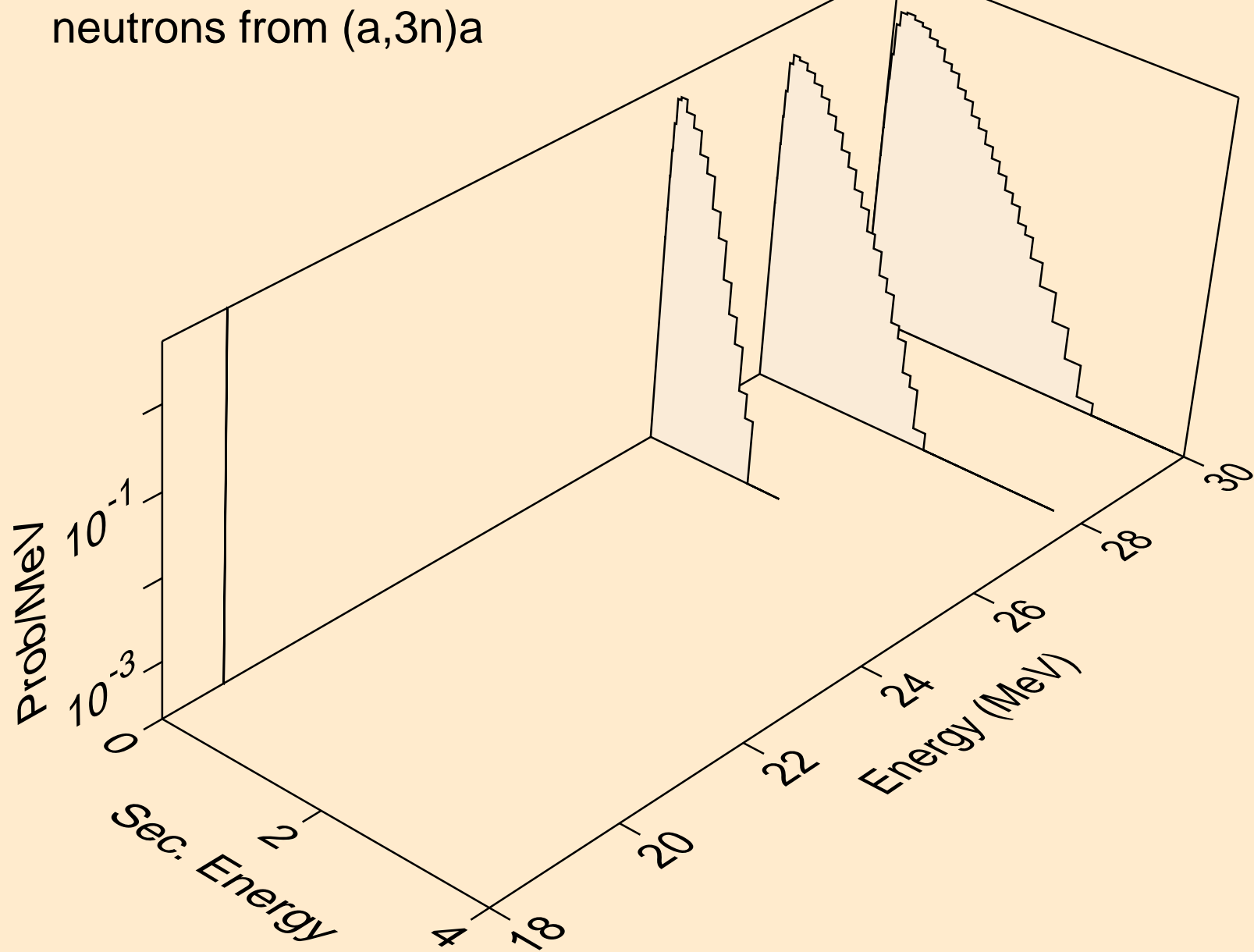
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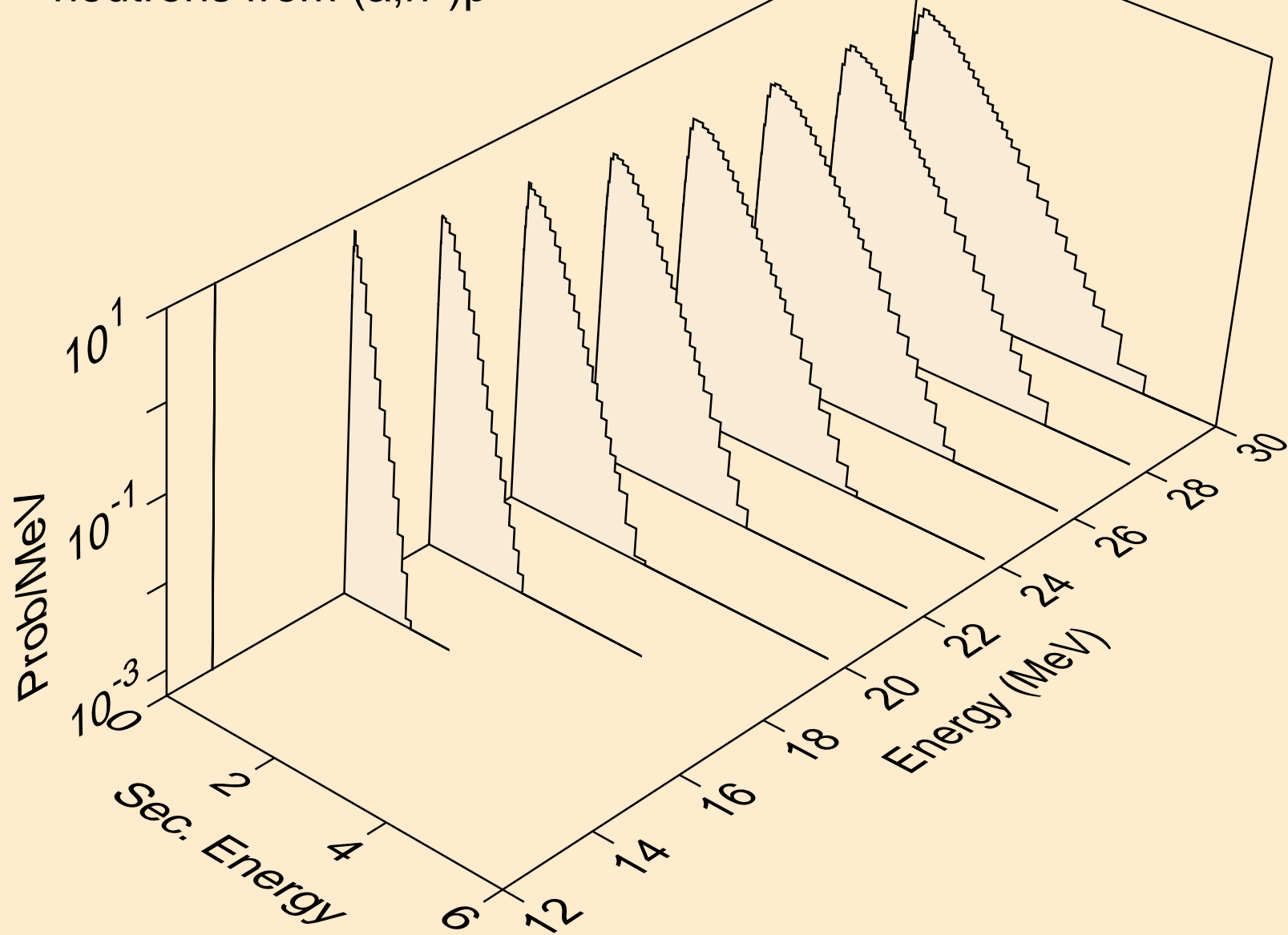
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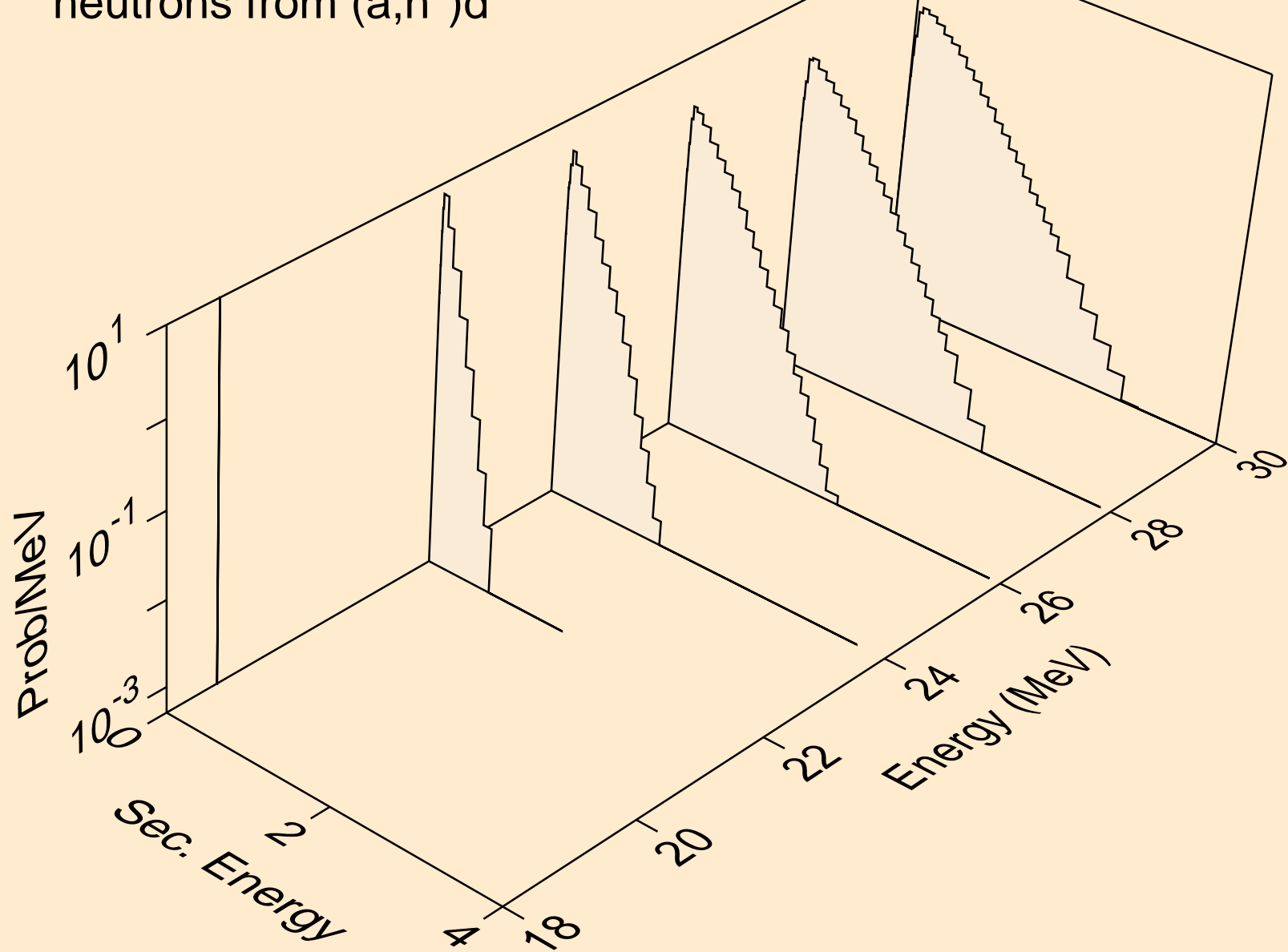
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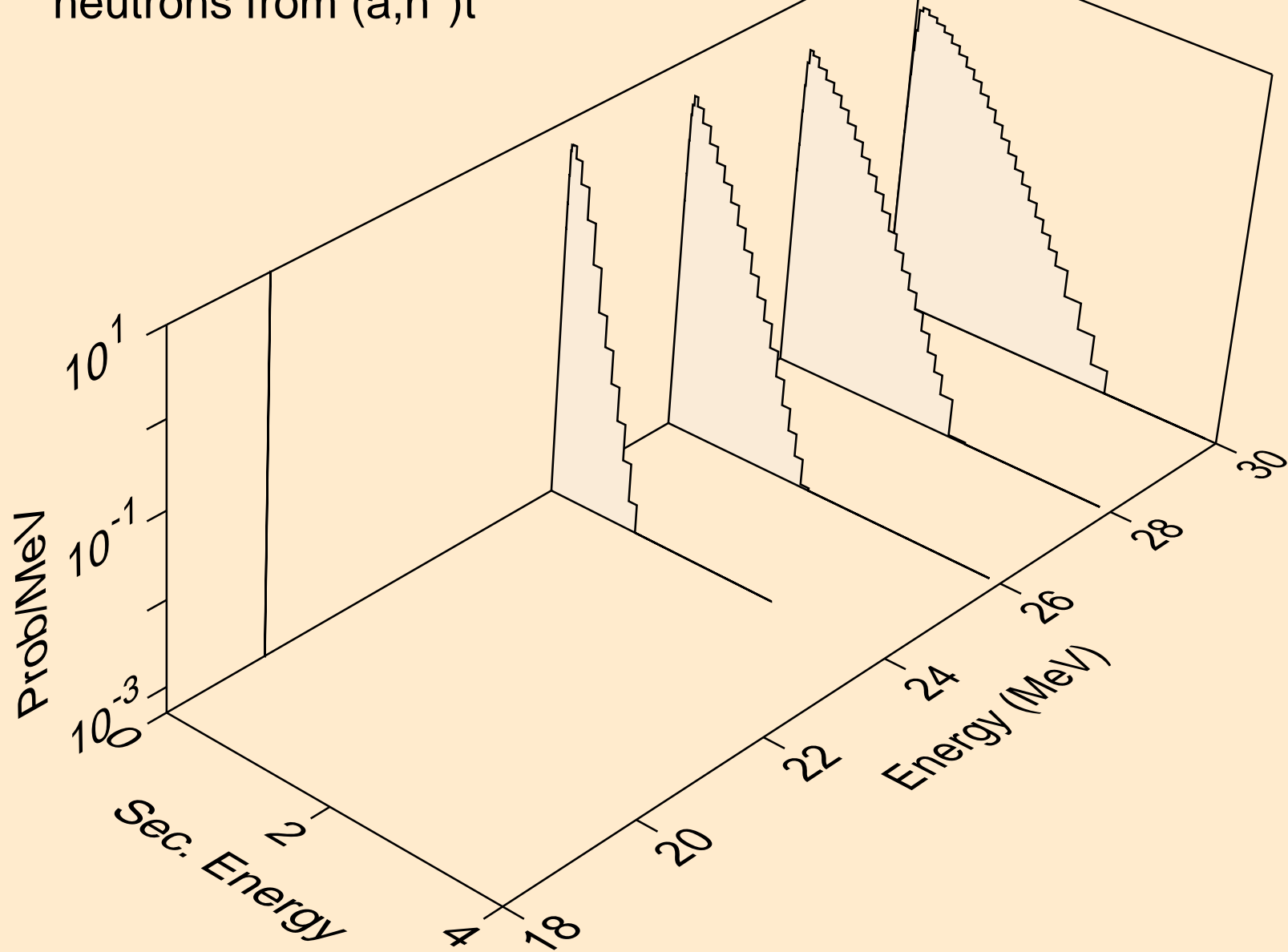
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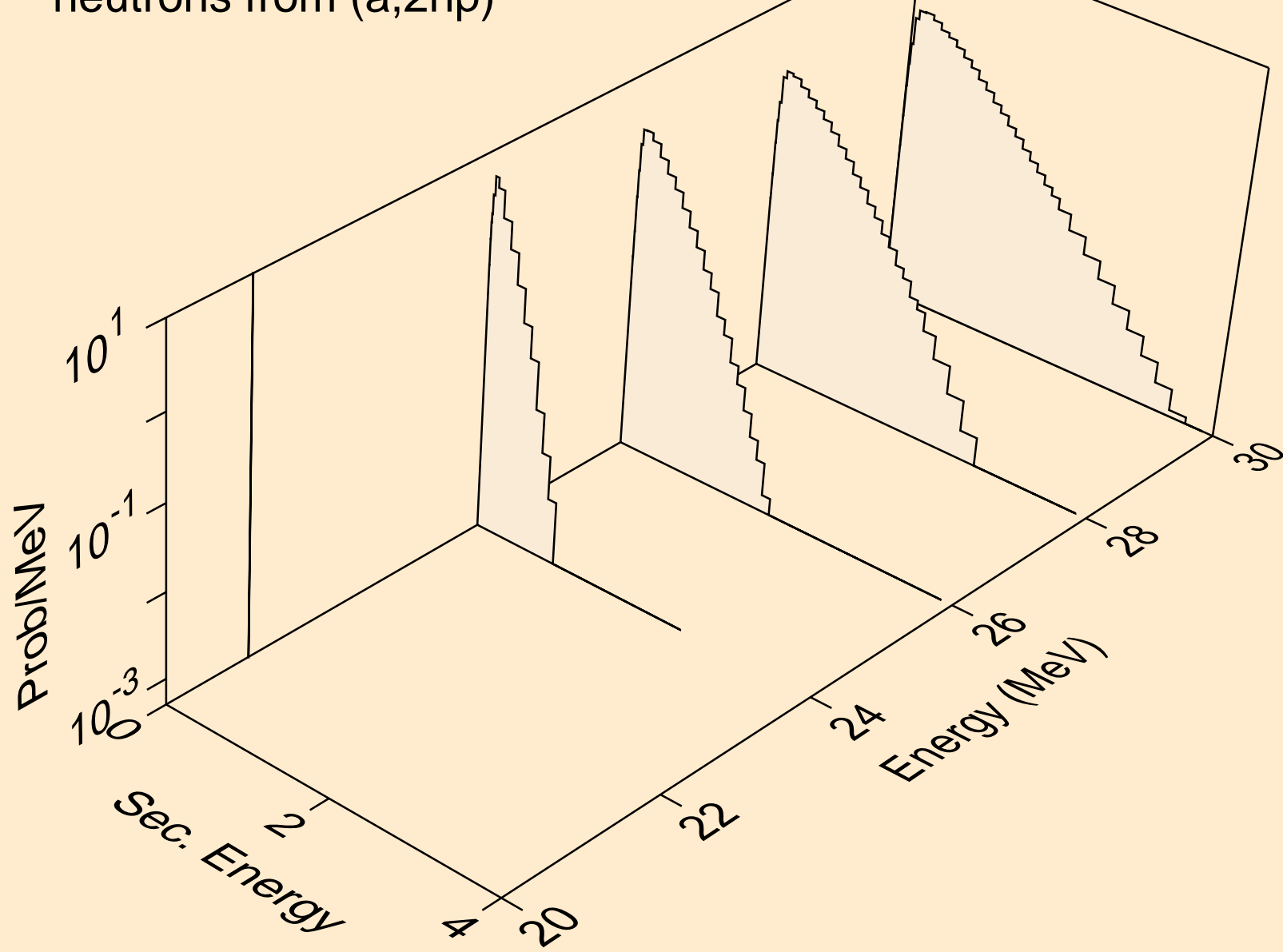
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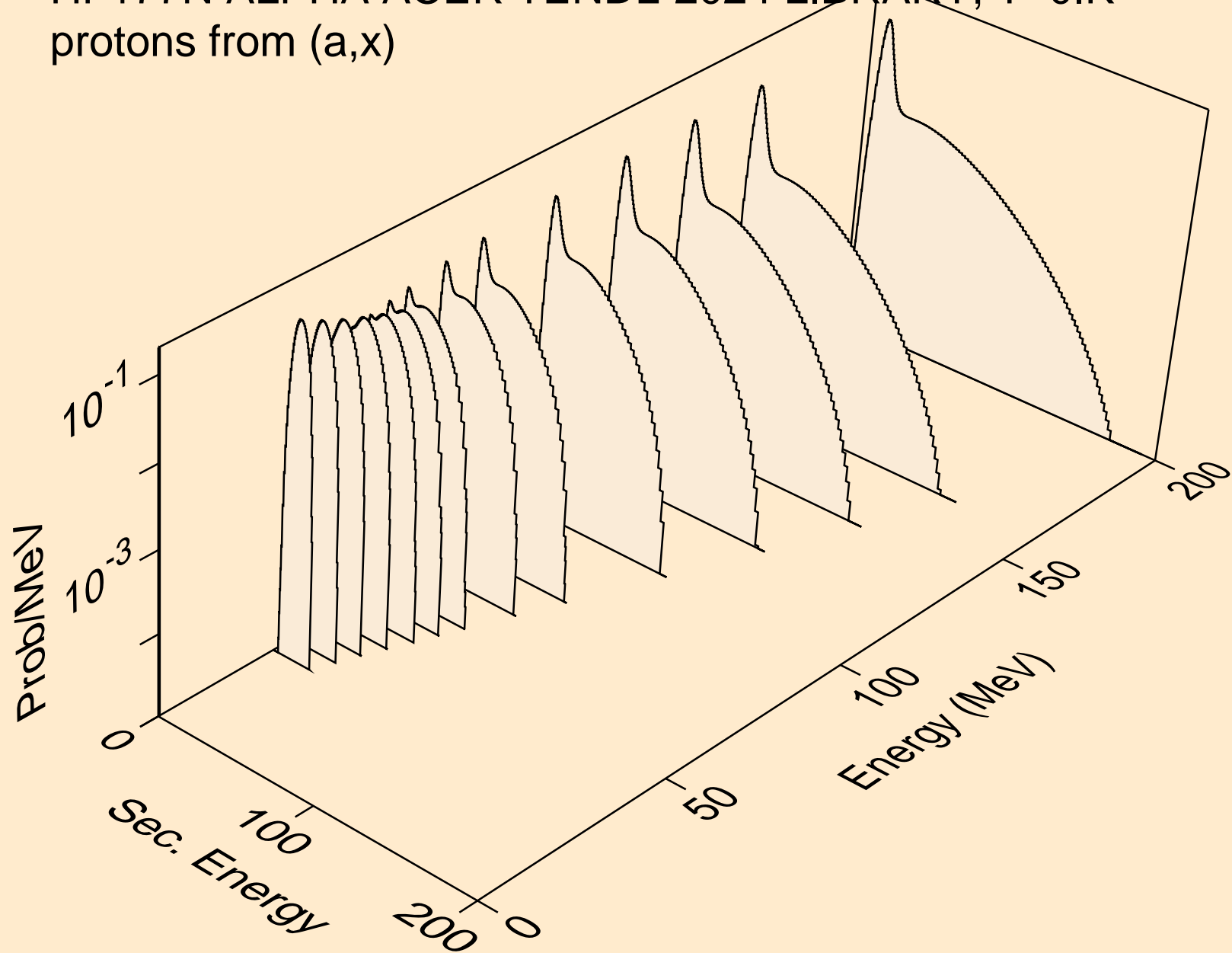
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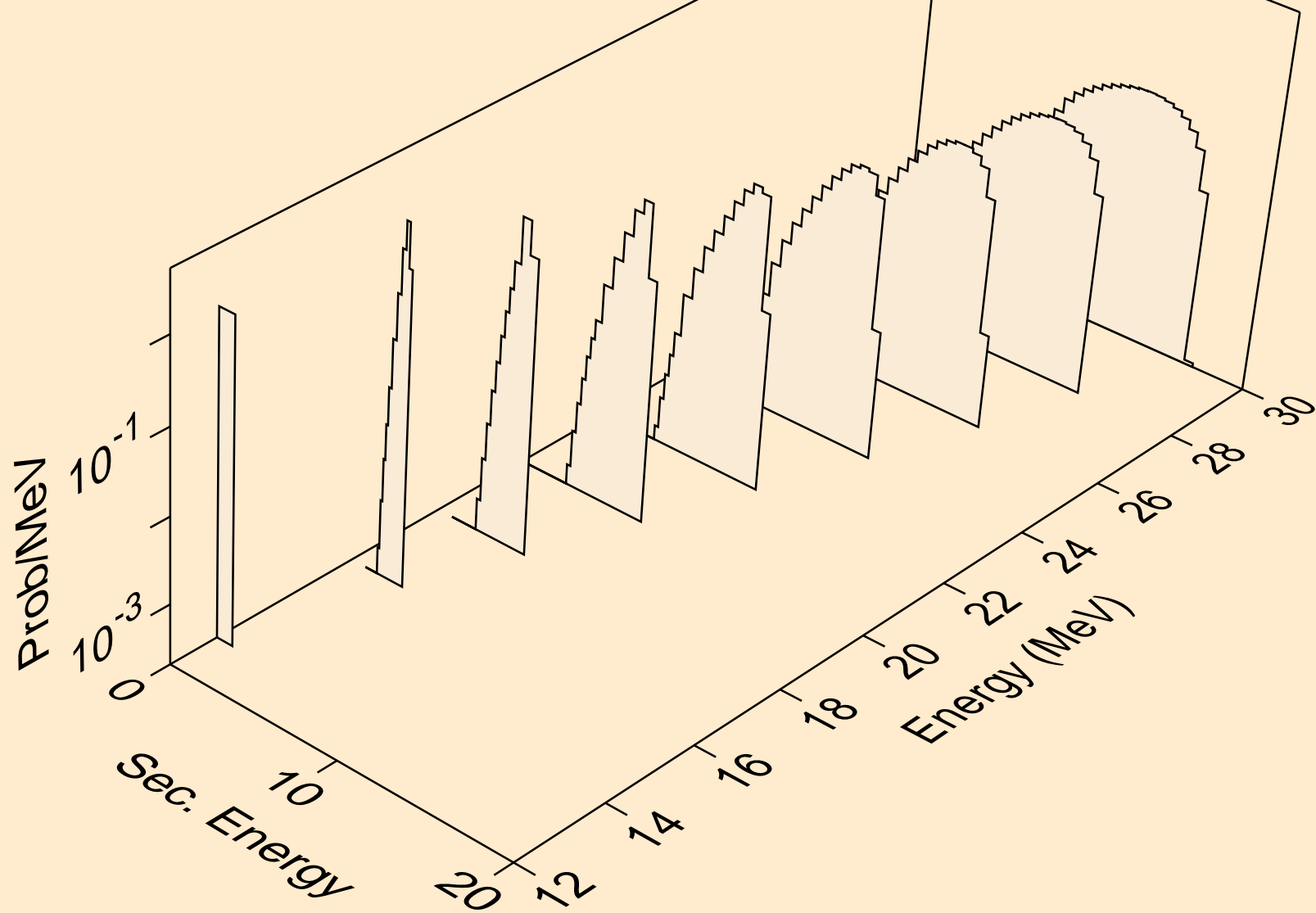
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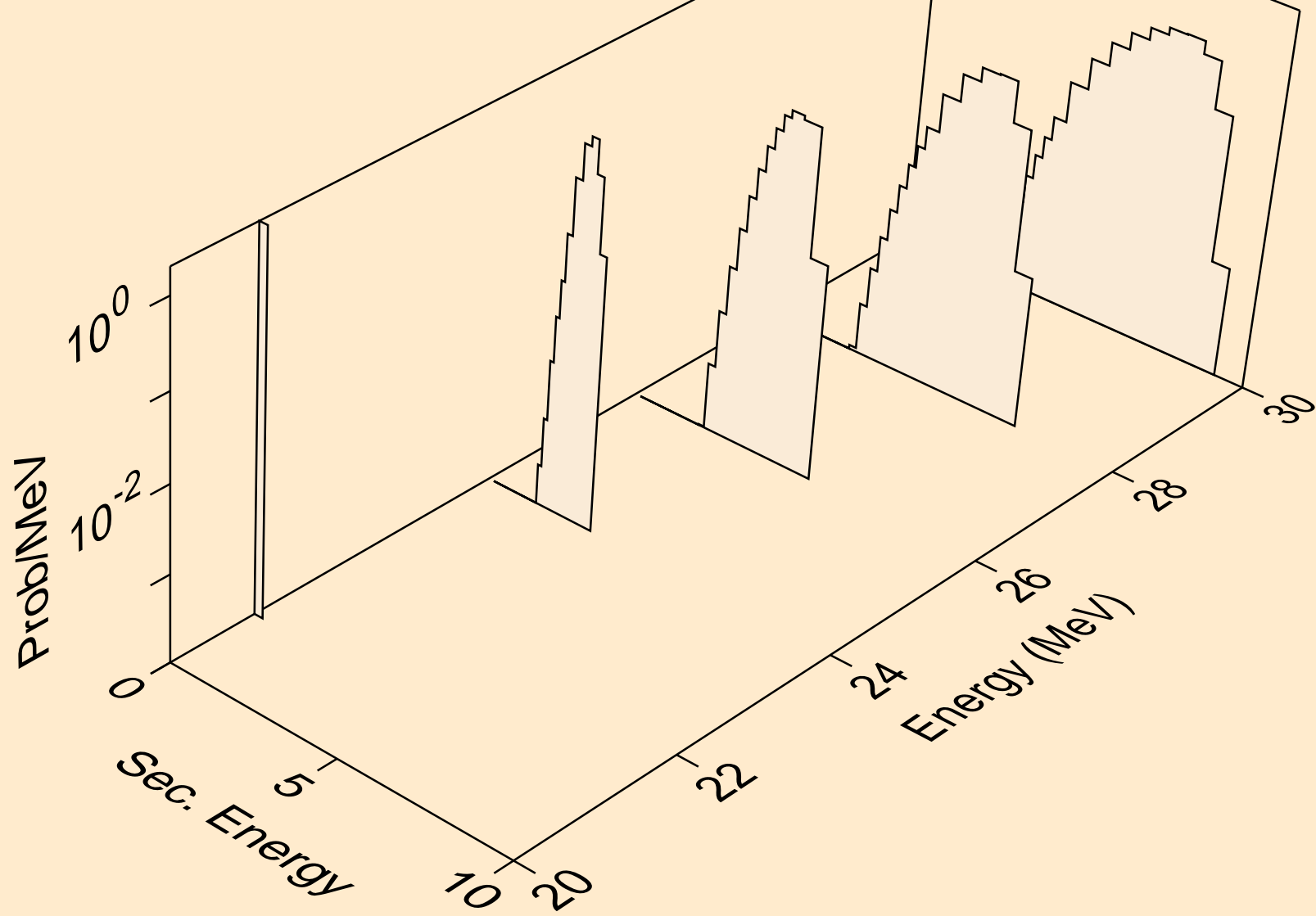
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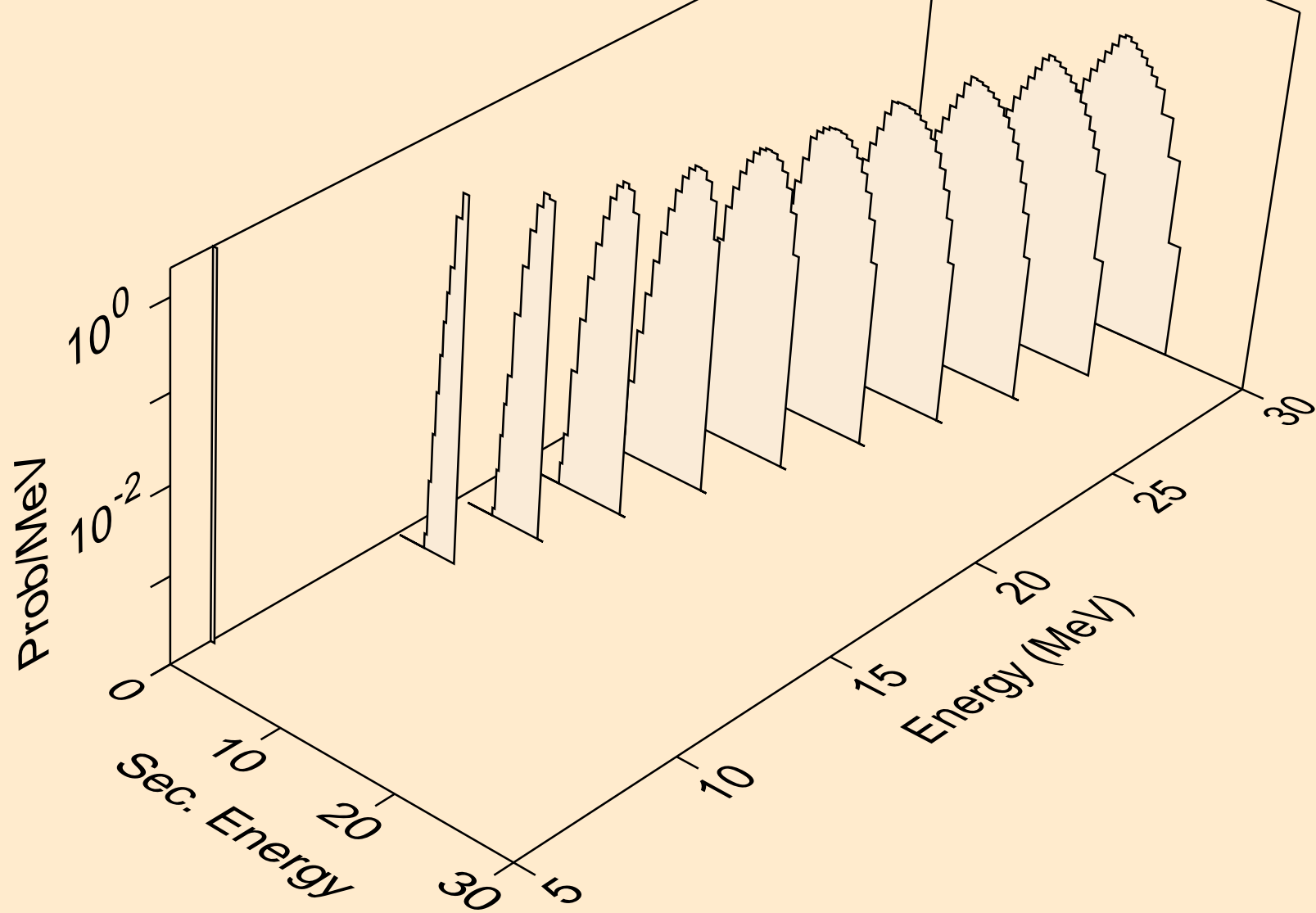
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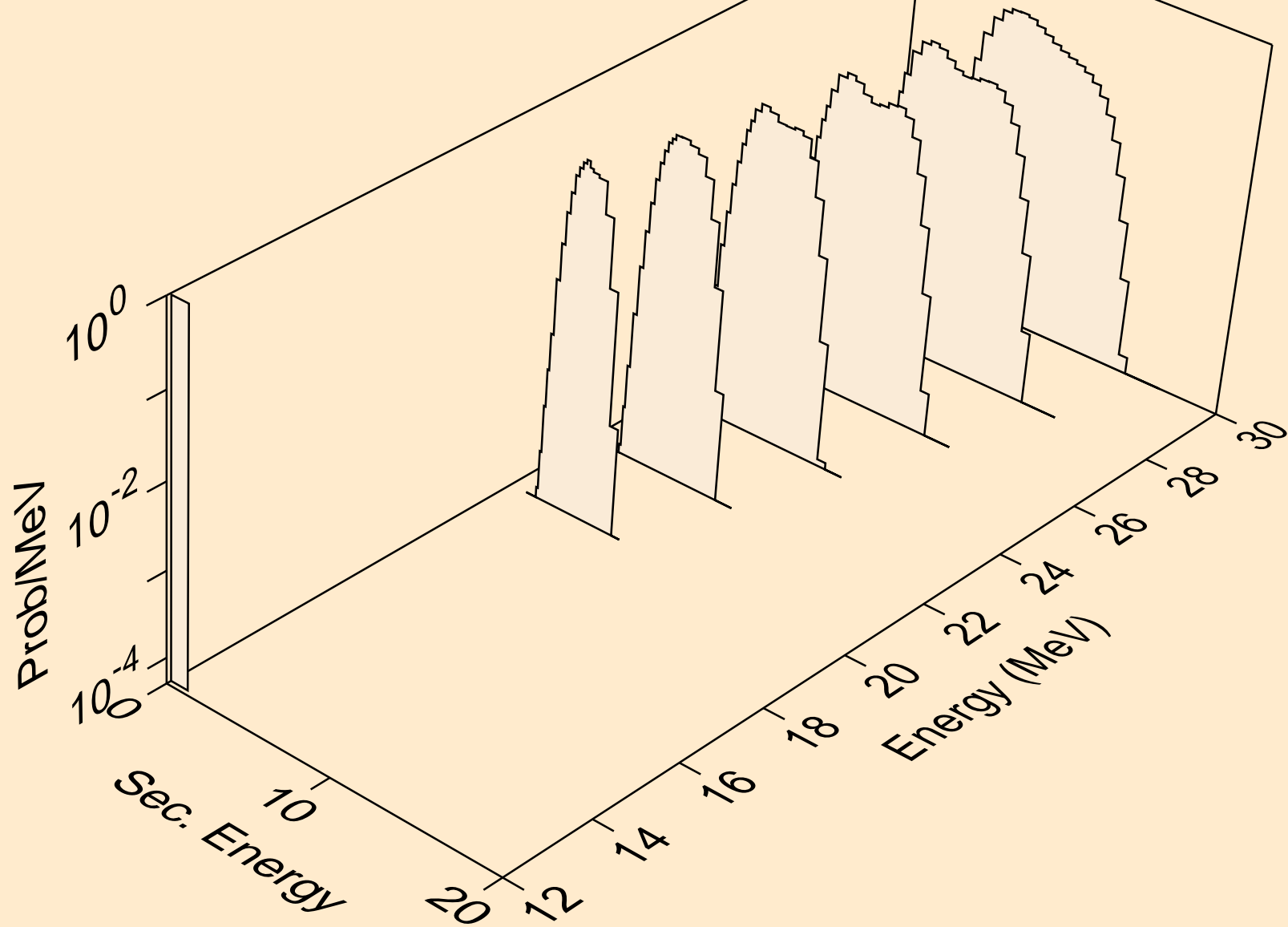
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protons from (a,2np)



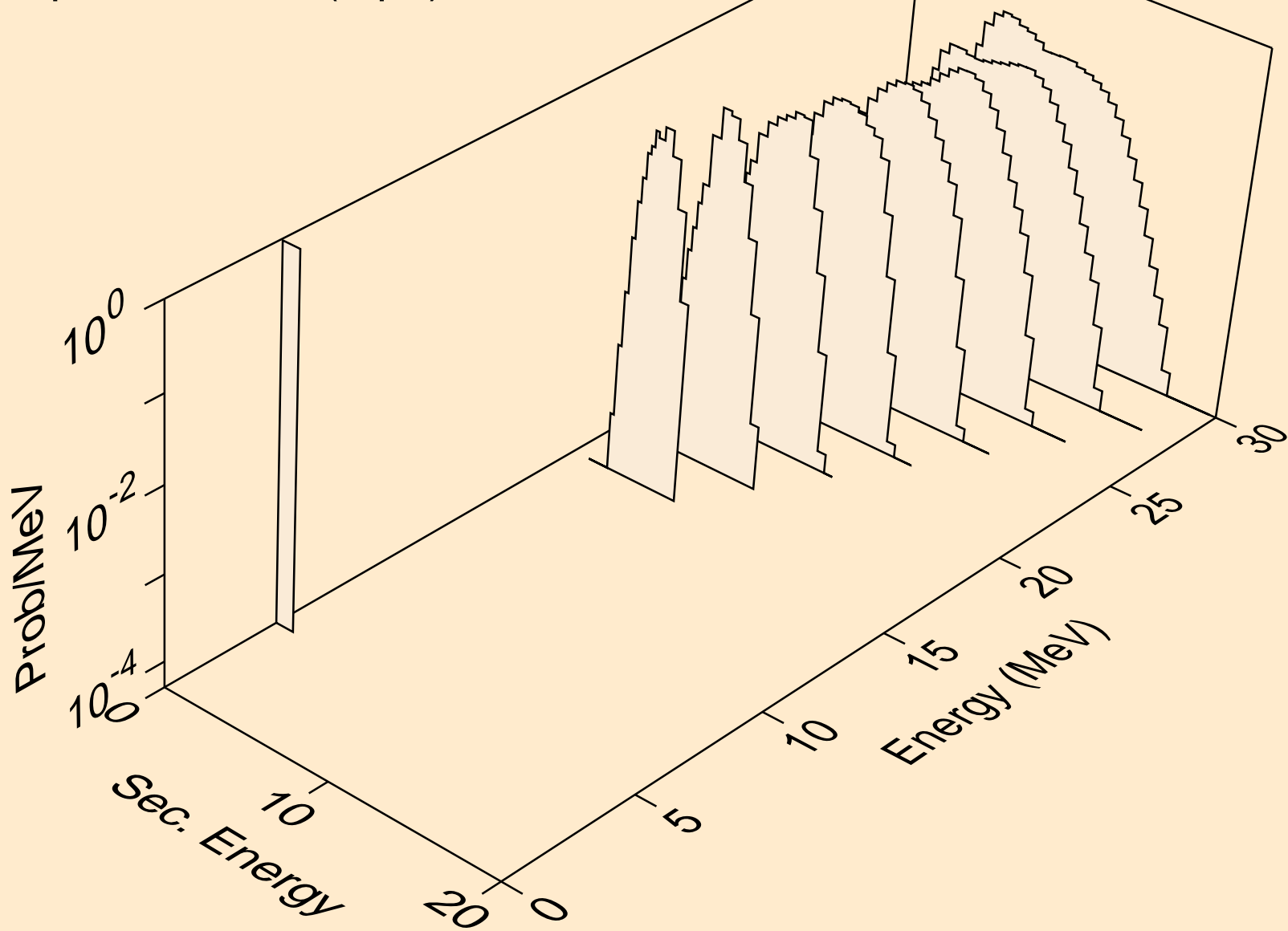
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protons from (a,p)



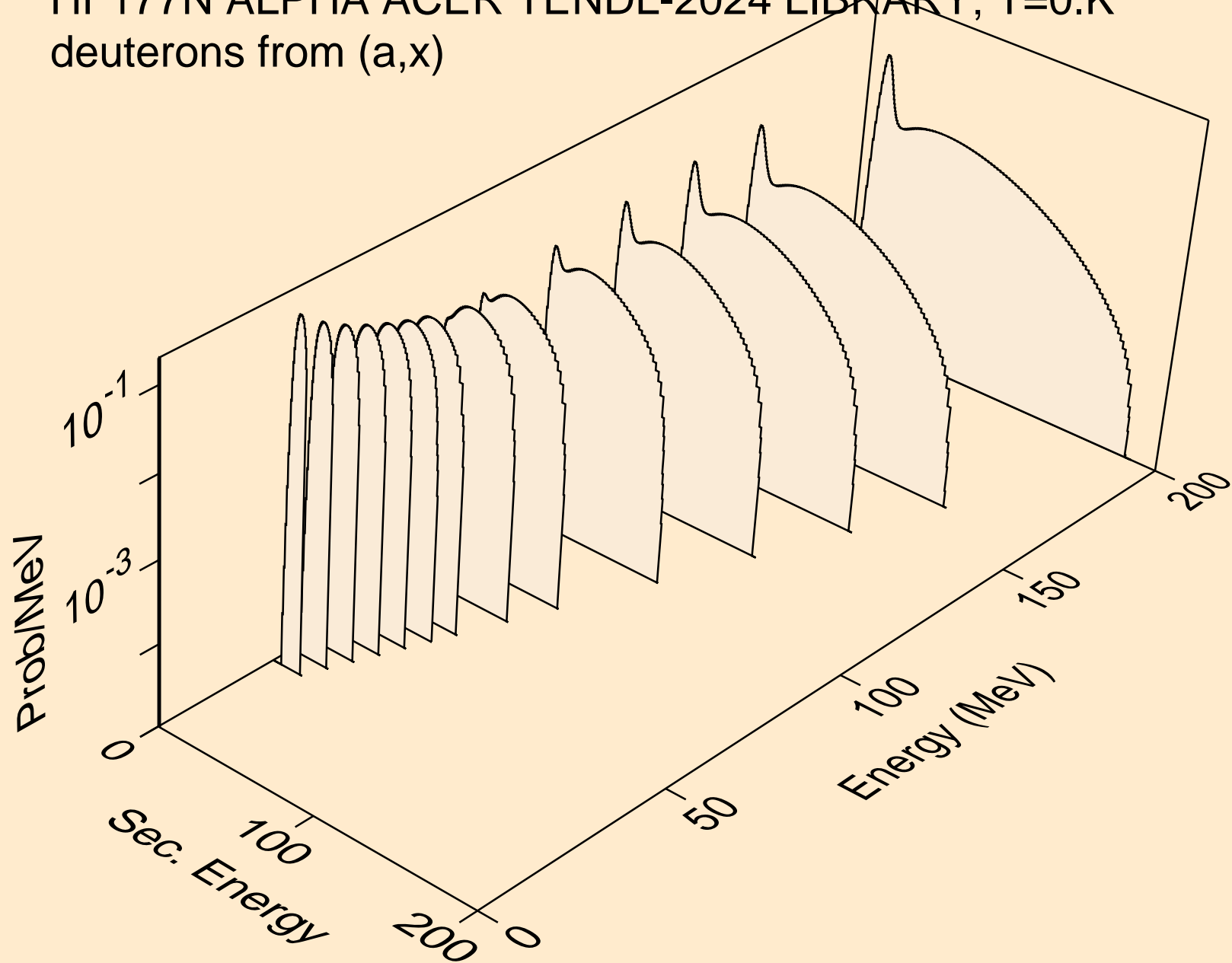
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protons from (a,2p)



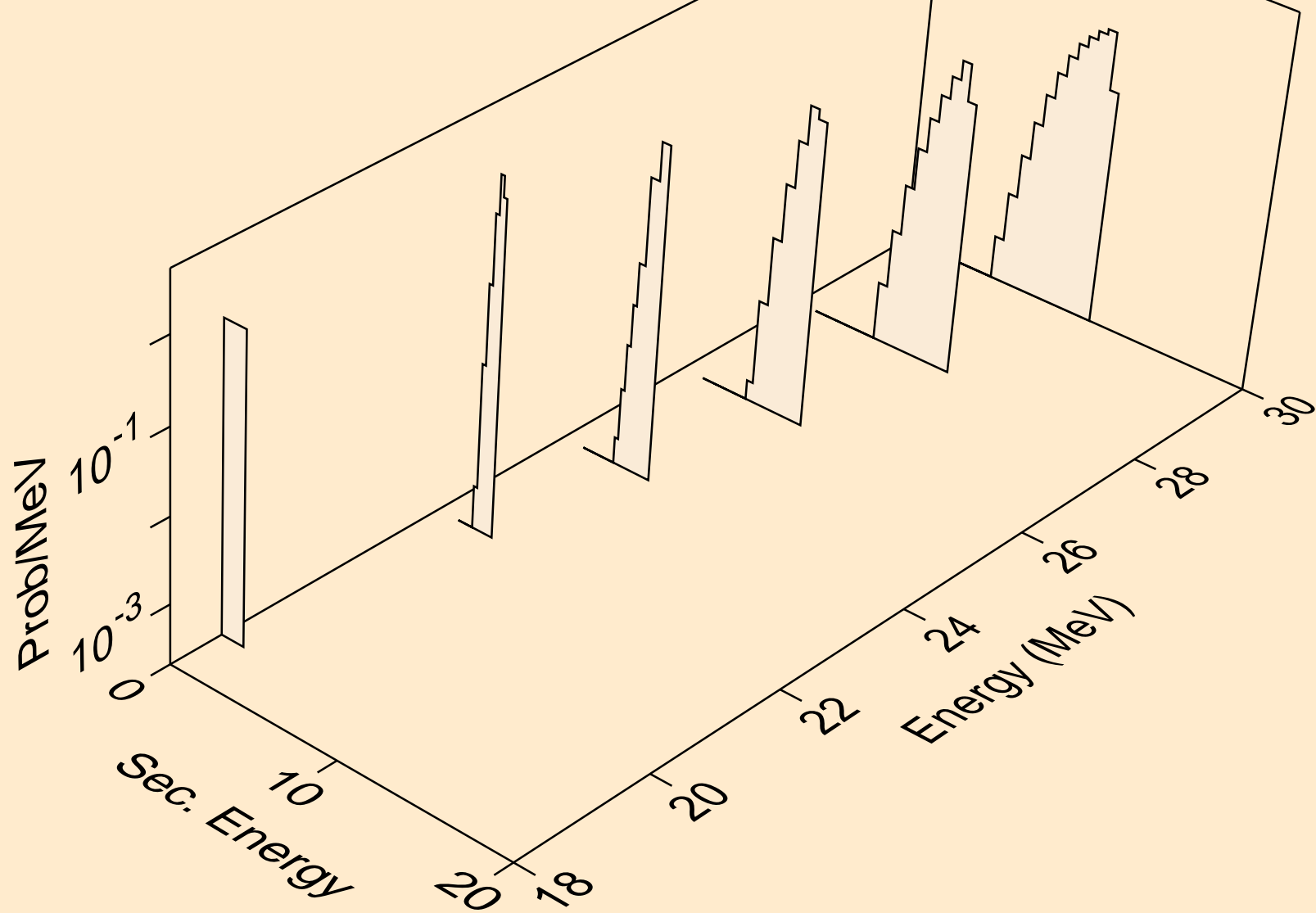
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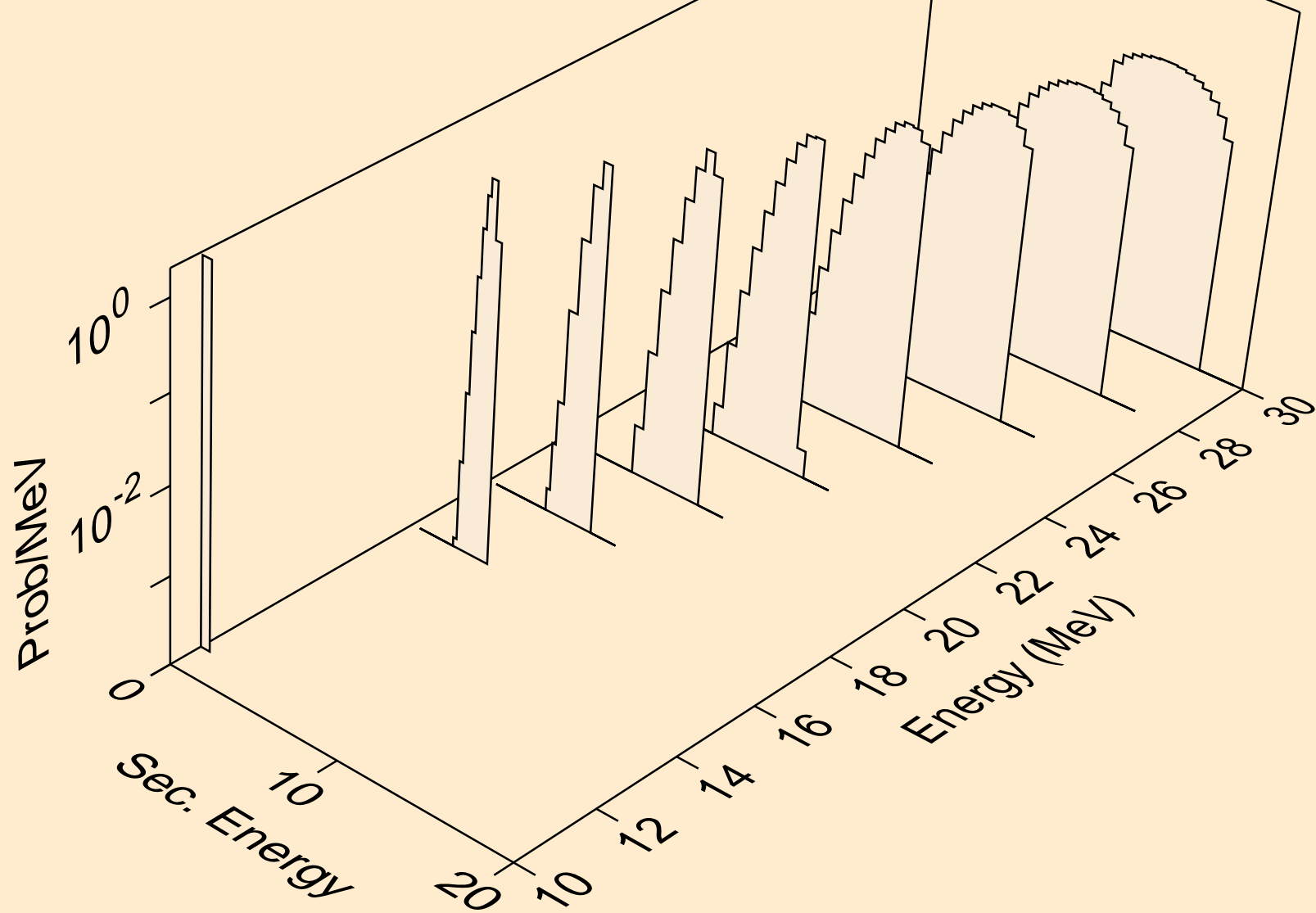
HF177N ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (a,x)



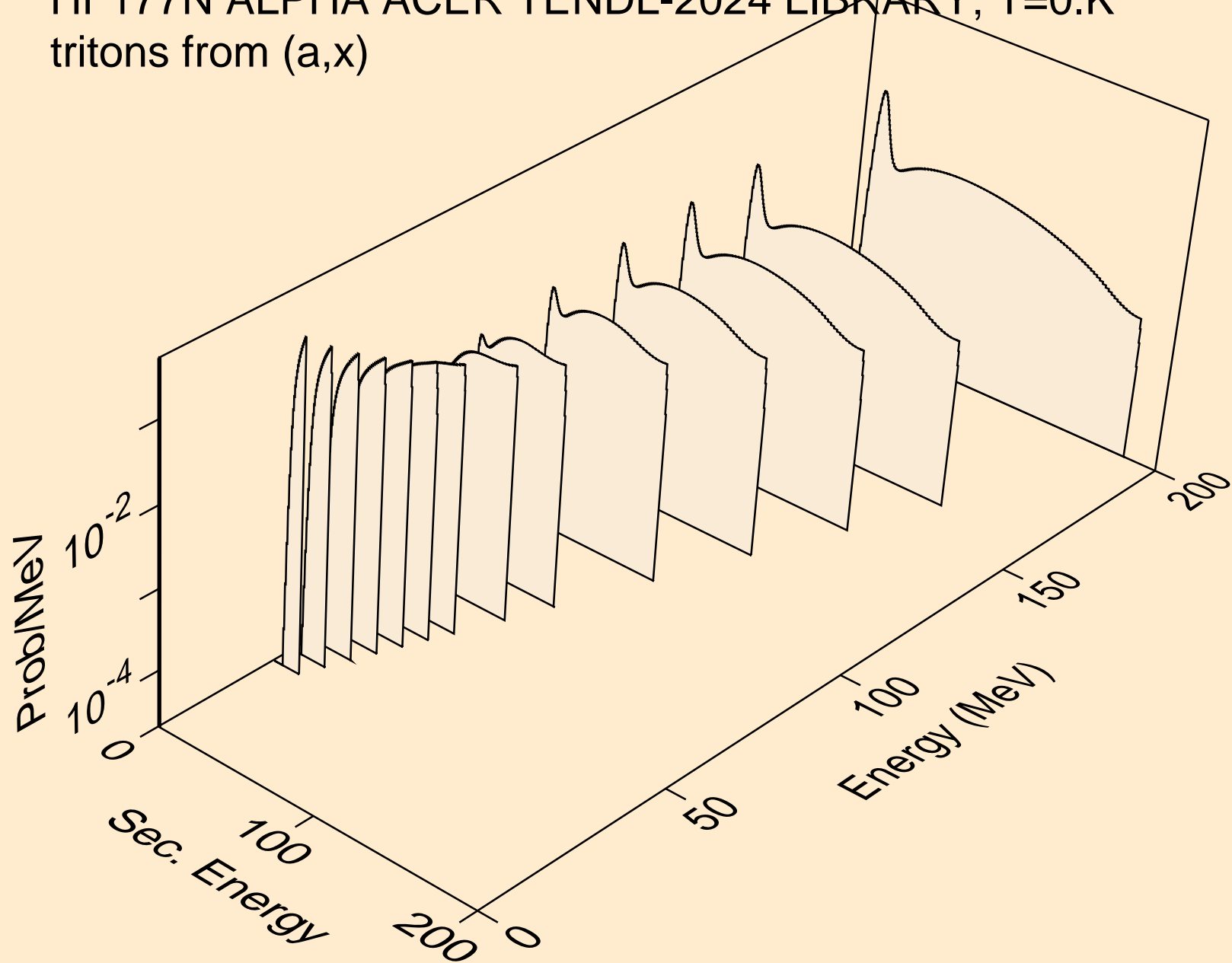
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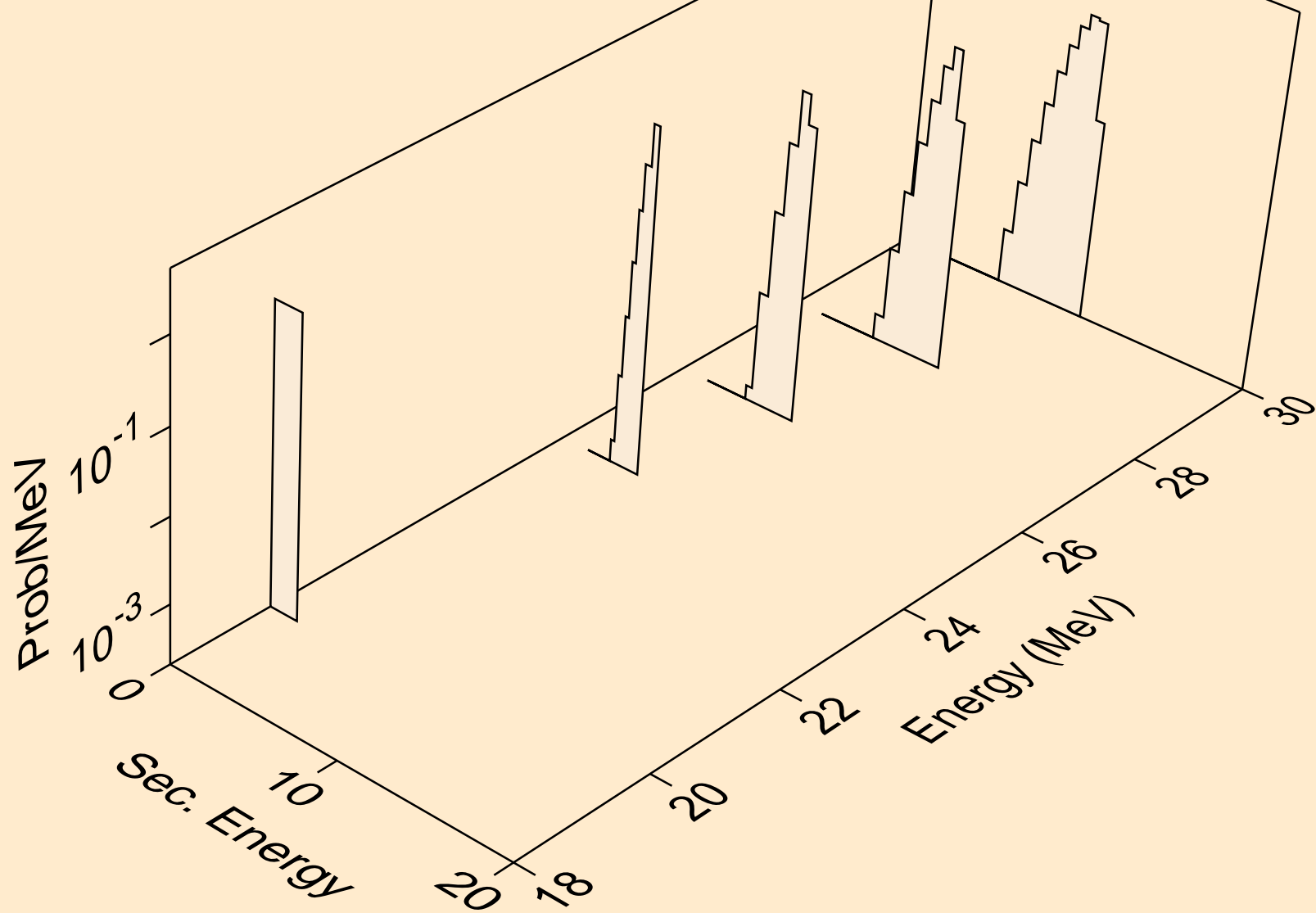
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deuterons from (a,d)



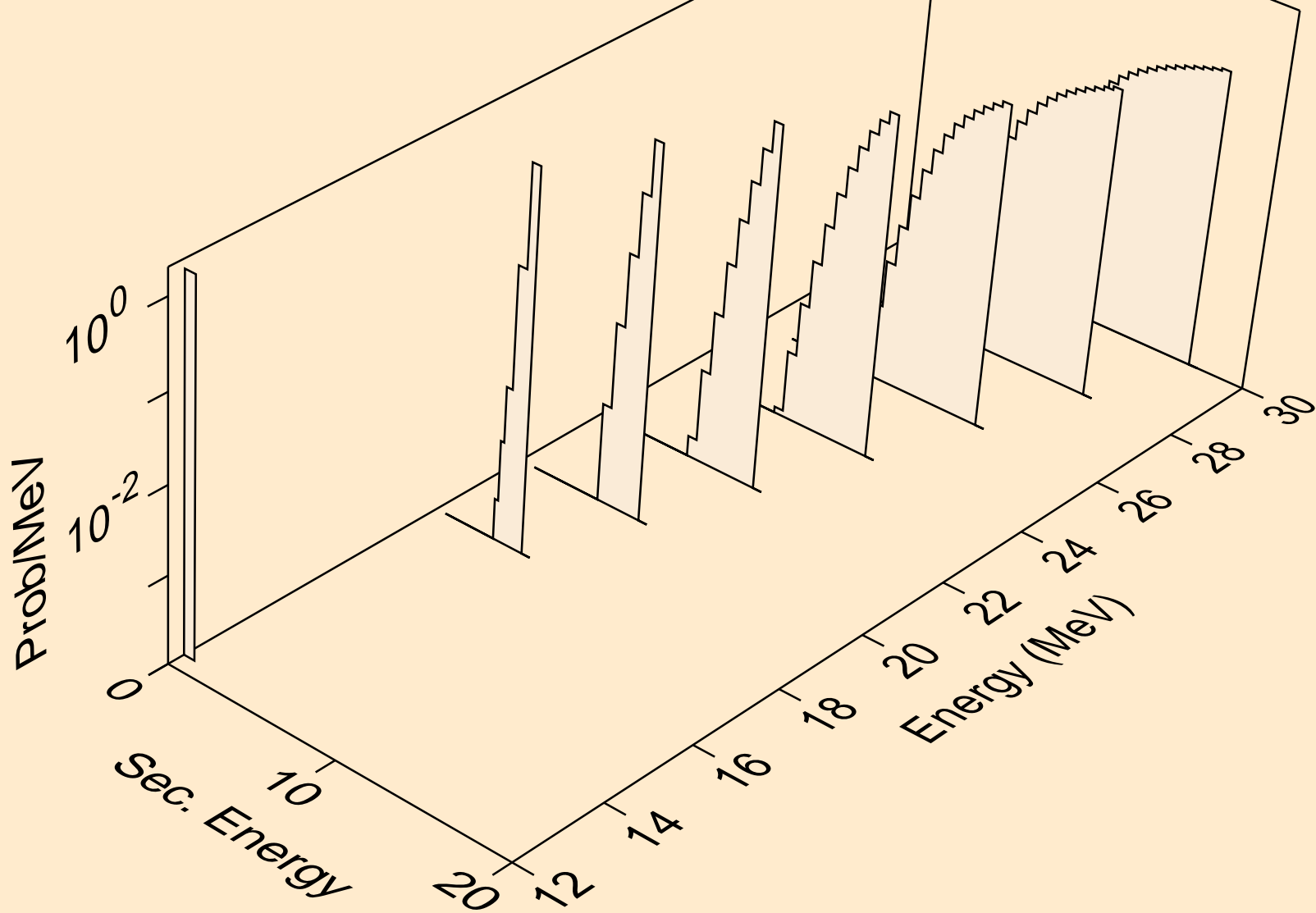
HF177N ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,x)



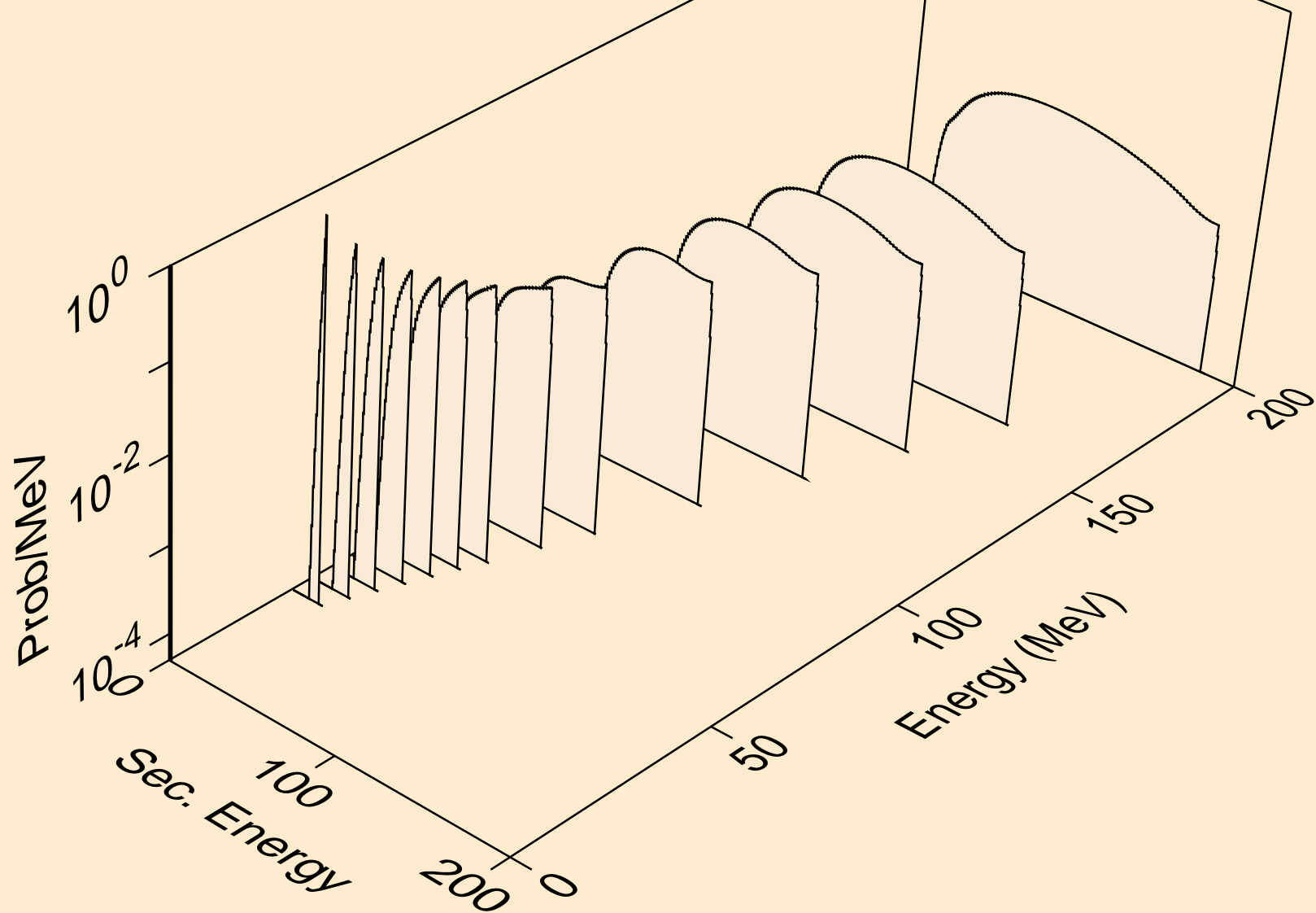
HF177N ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,n\*)t



HF177N ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,t)



HF177N ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (a,x)



HF177N ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (a,he3)

