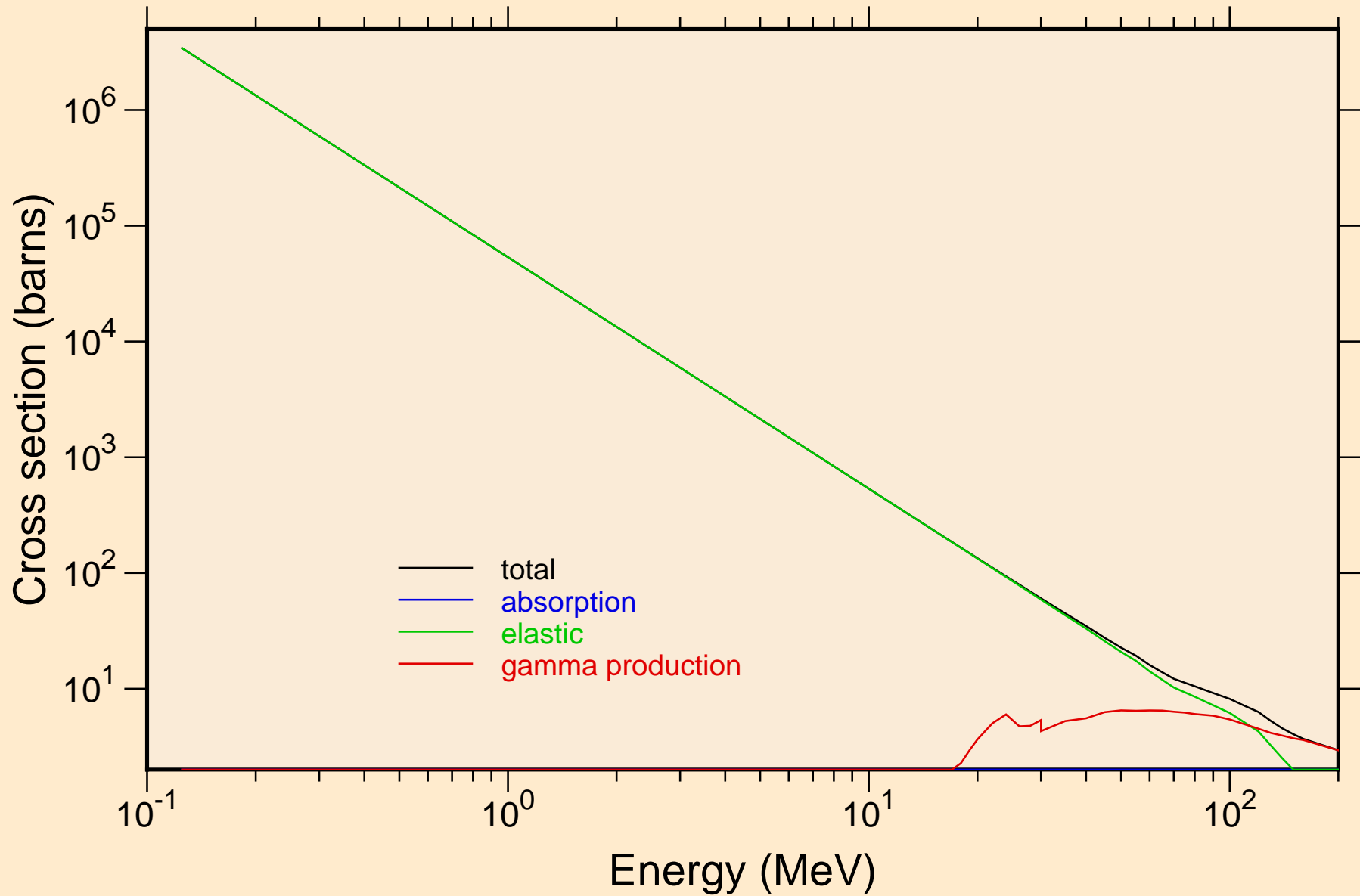
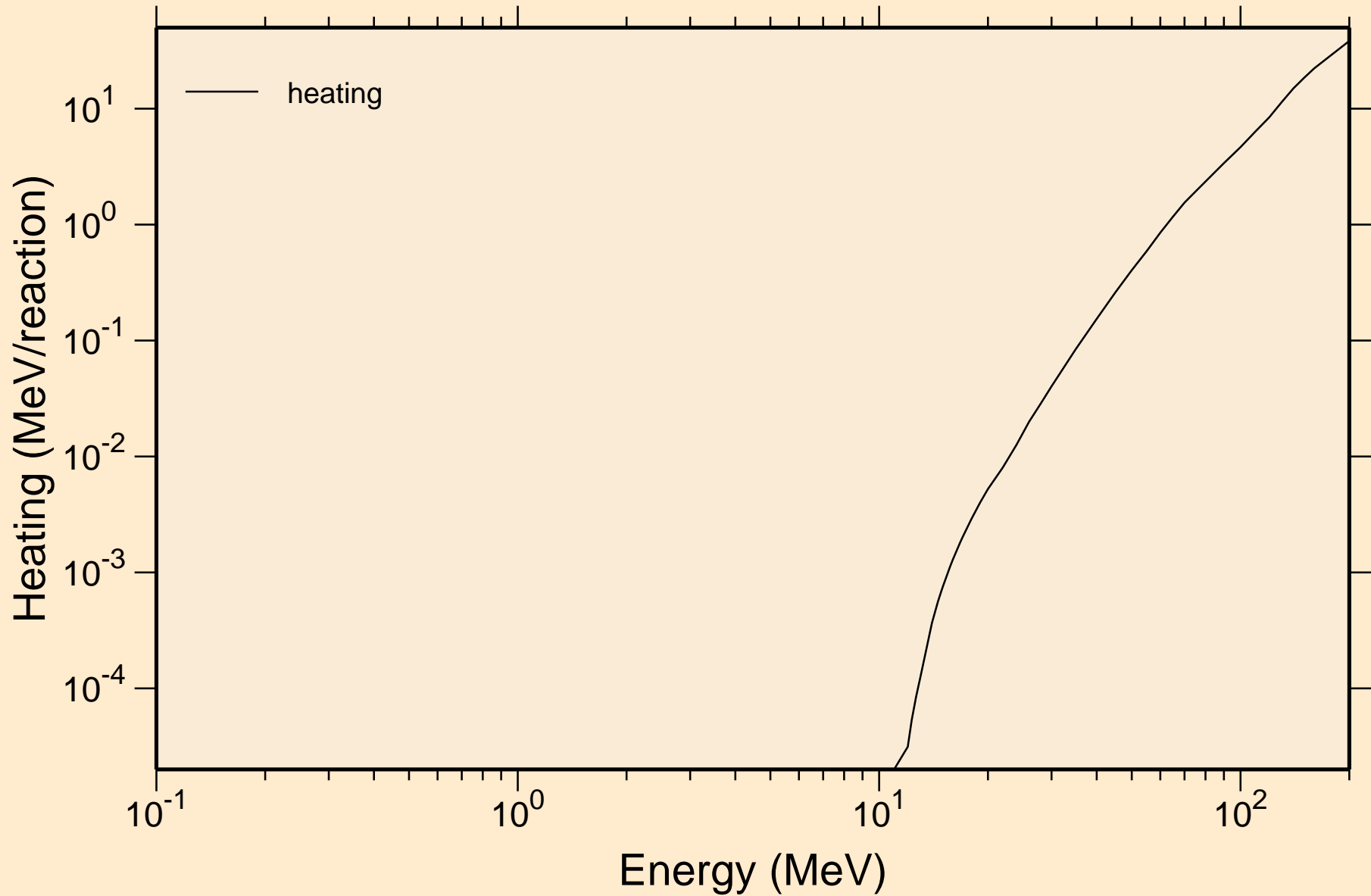


# RH107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

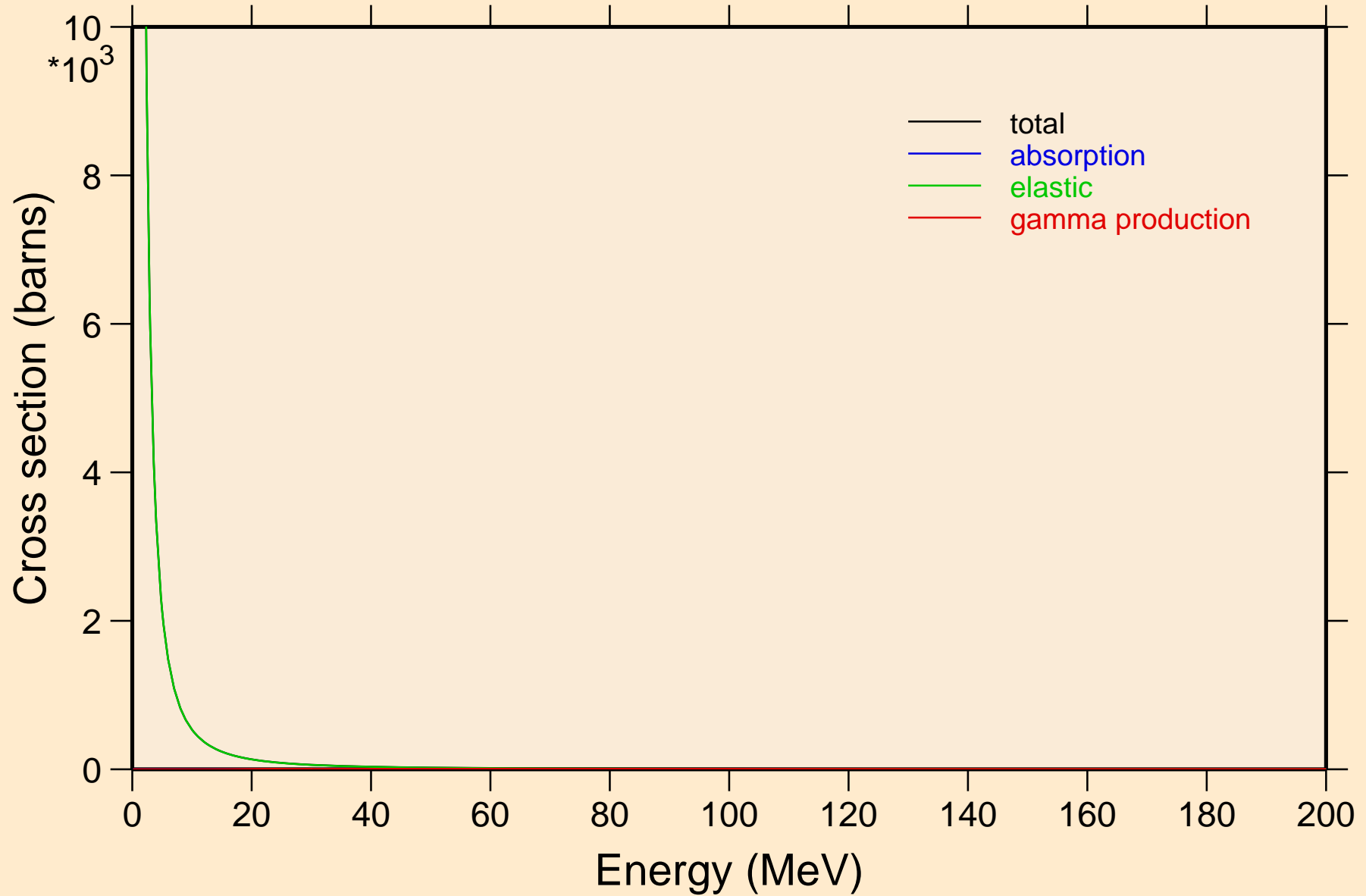


RH107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Heating



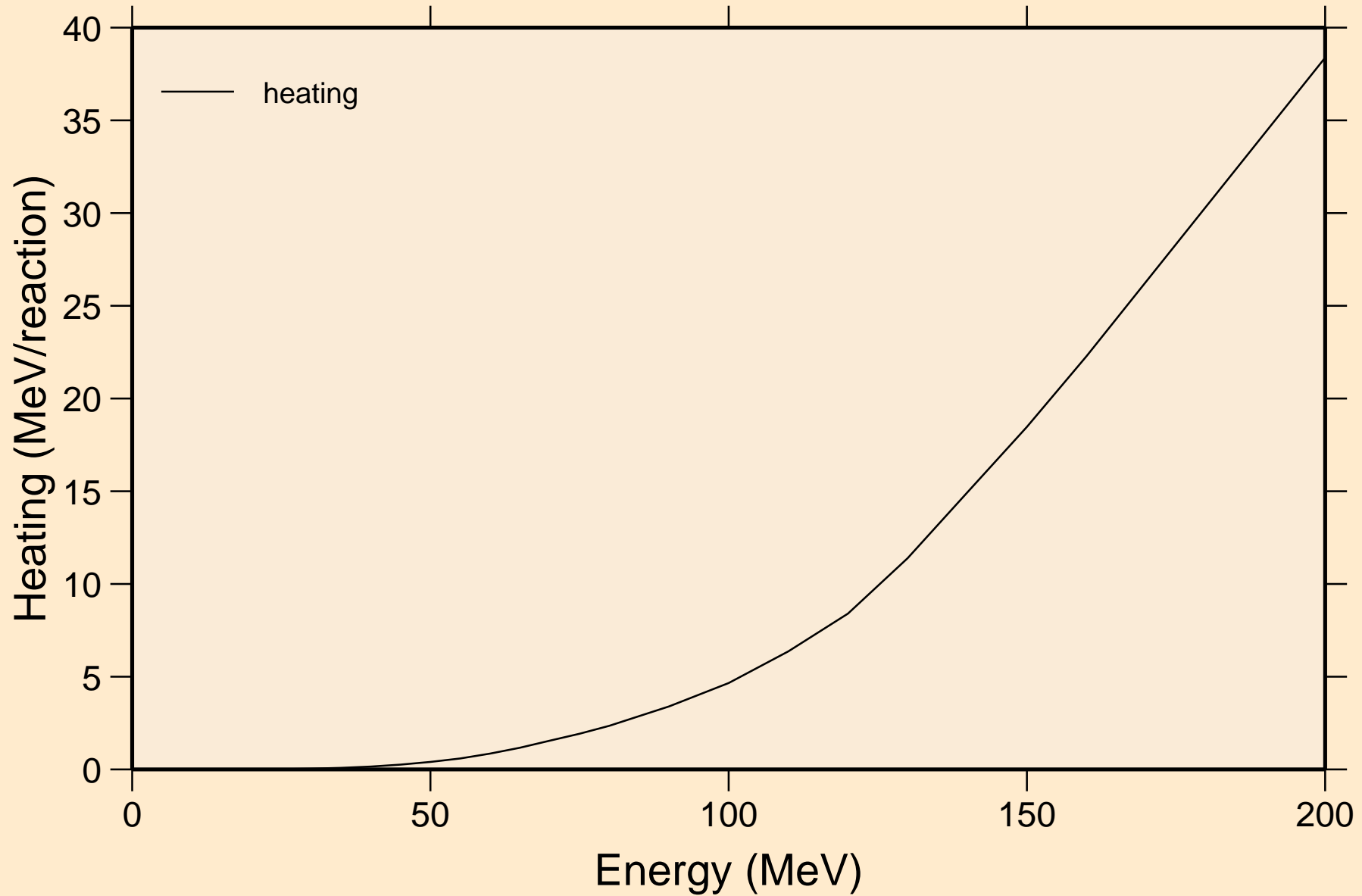
# RH107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



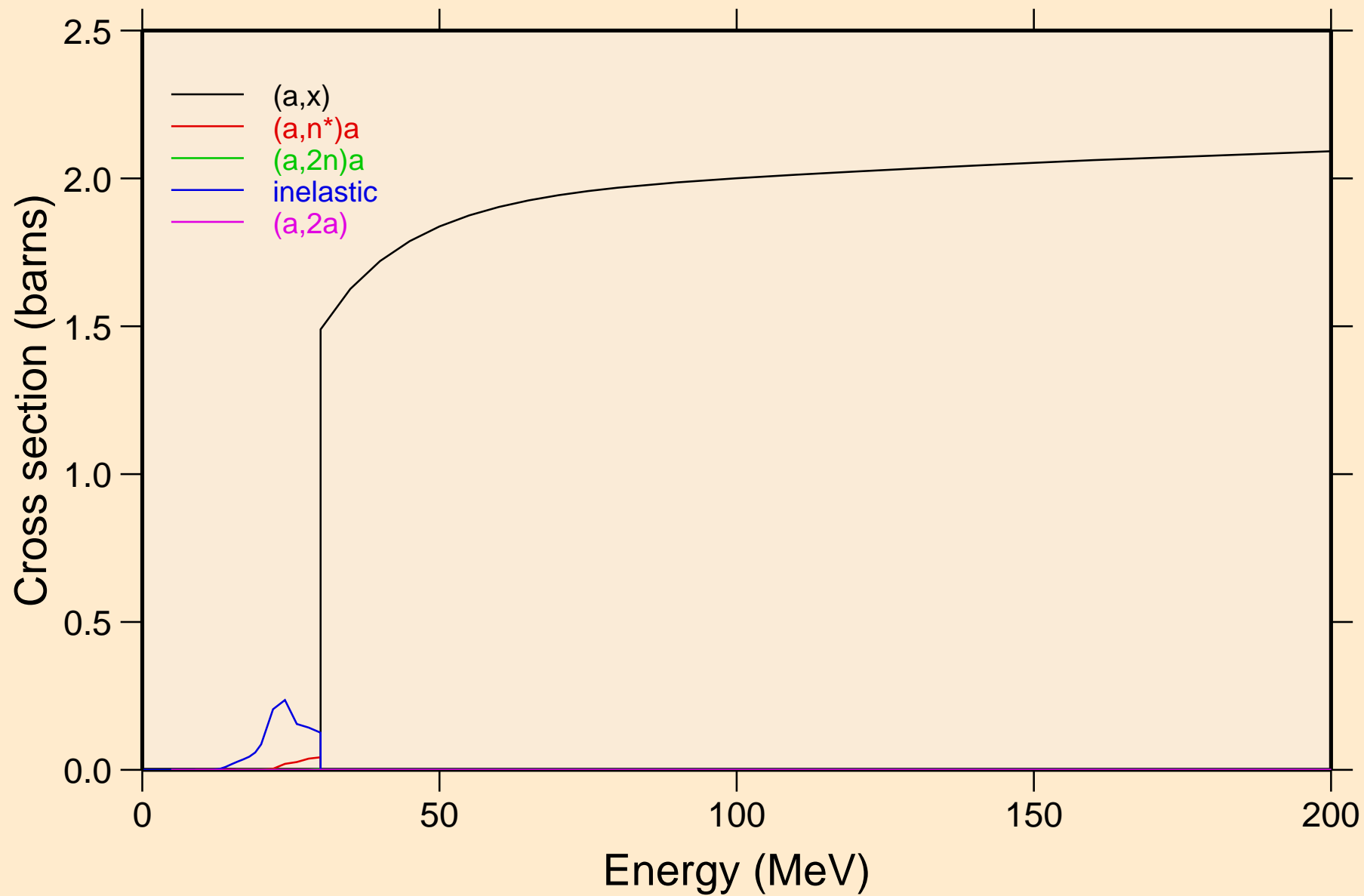
RH107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating

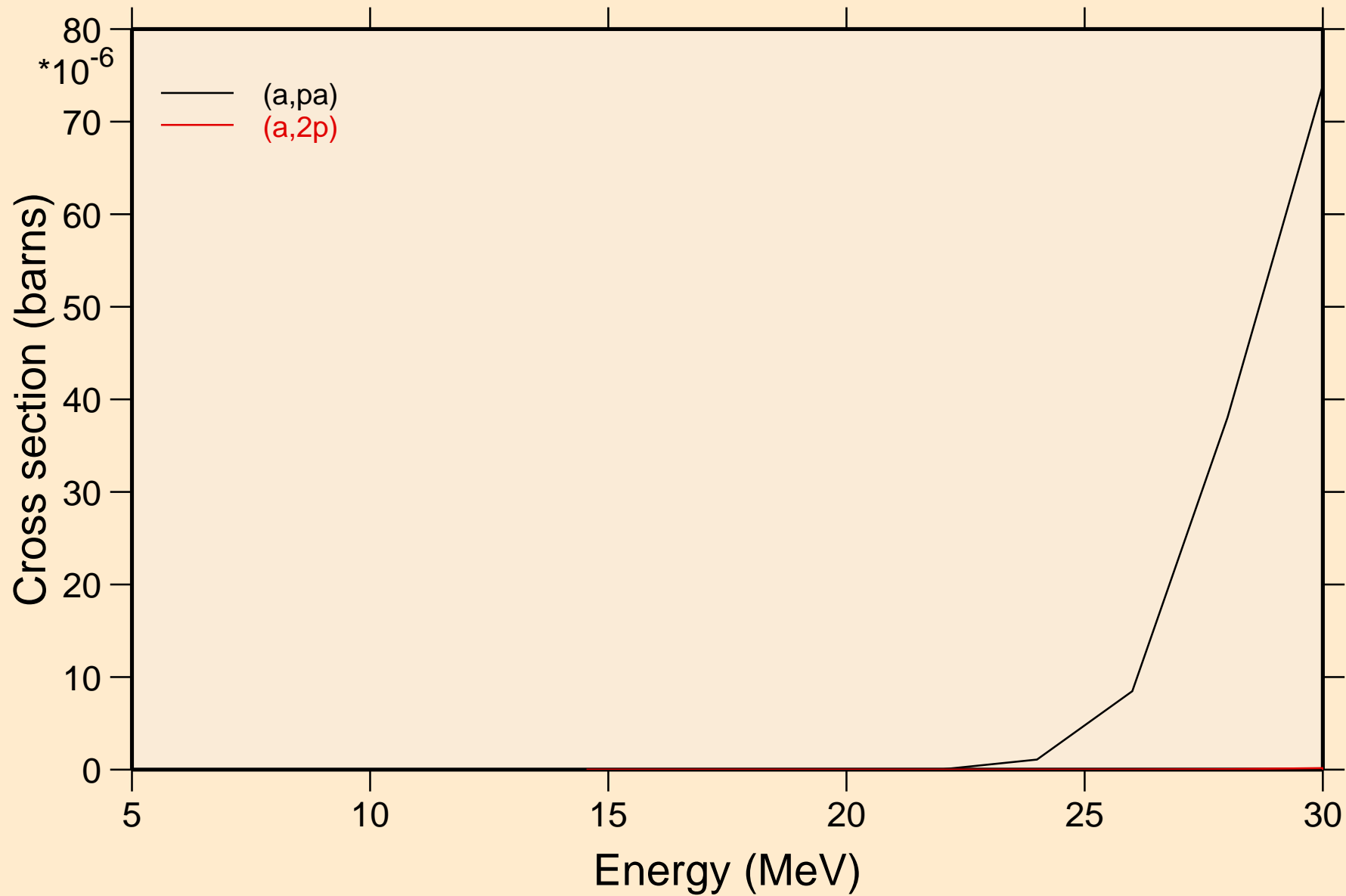


# RH107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

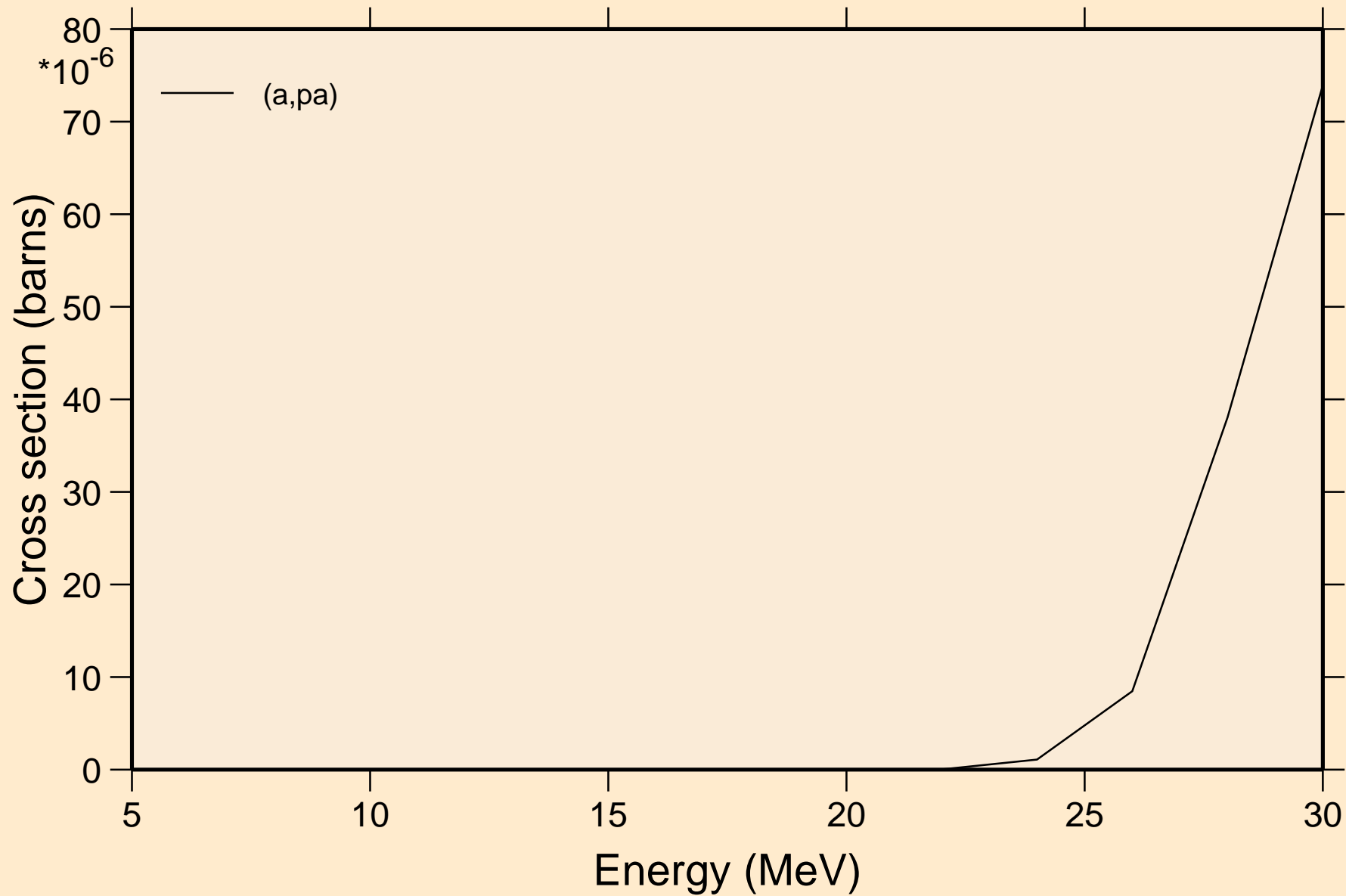
## Threshold reactions



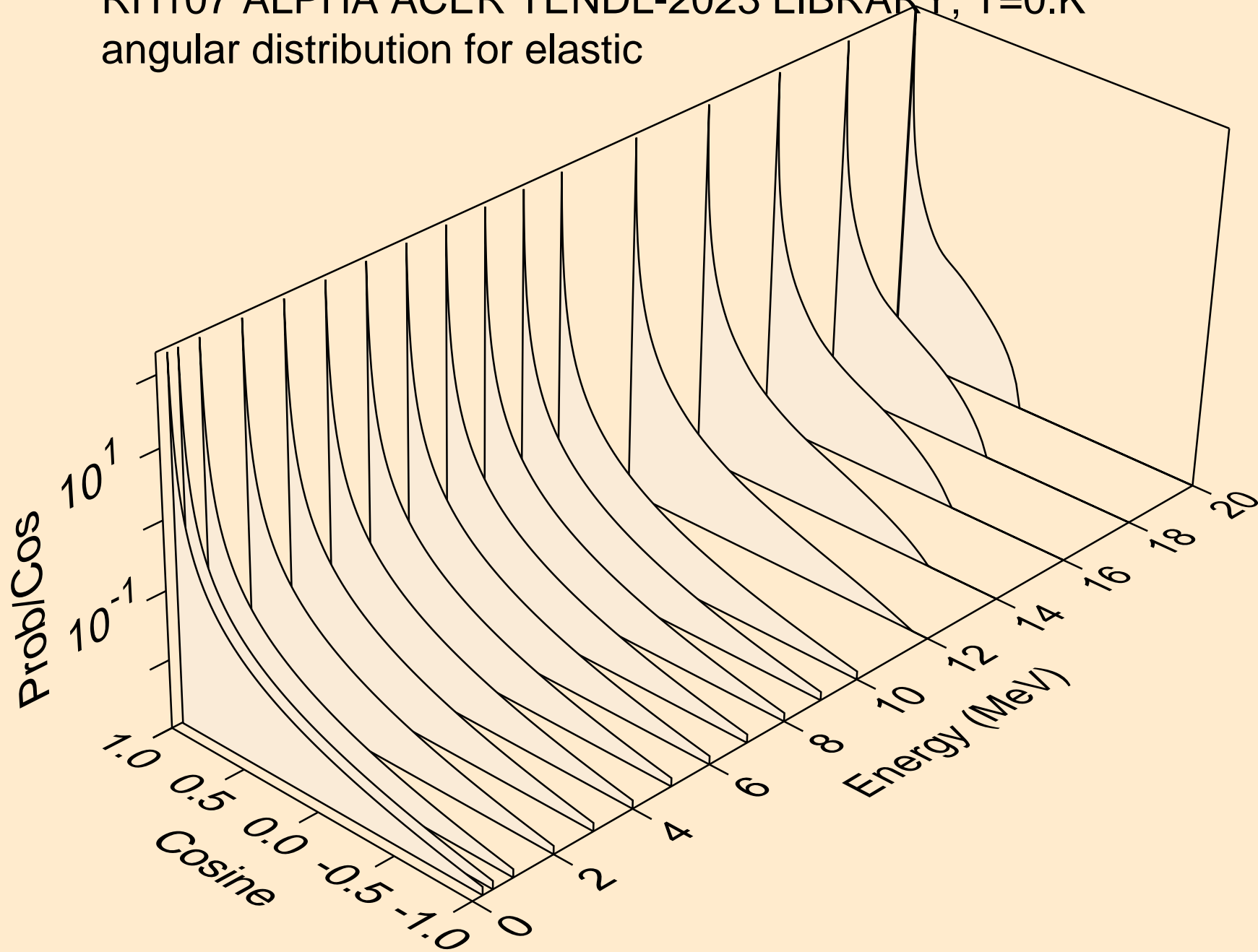
RH107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



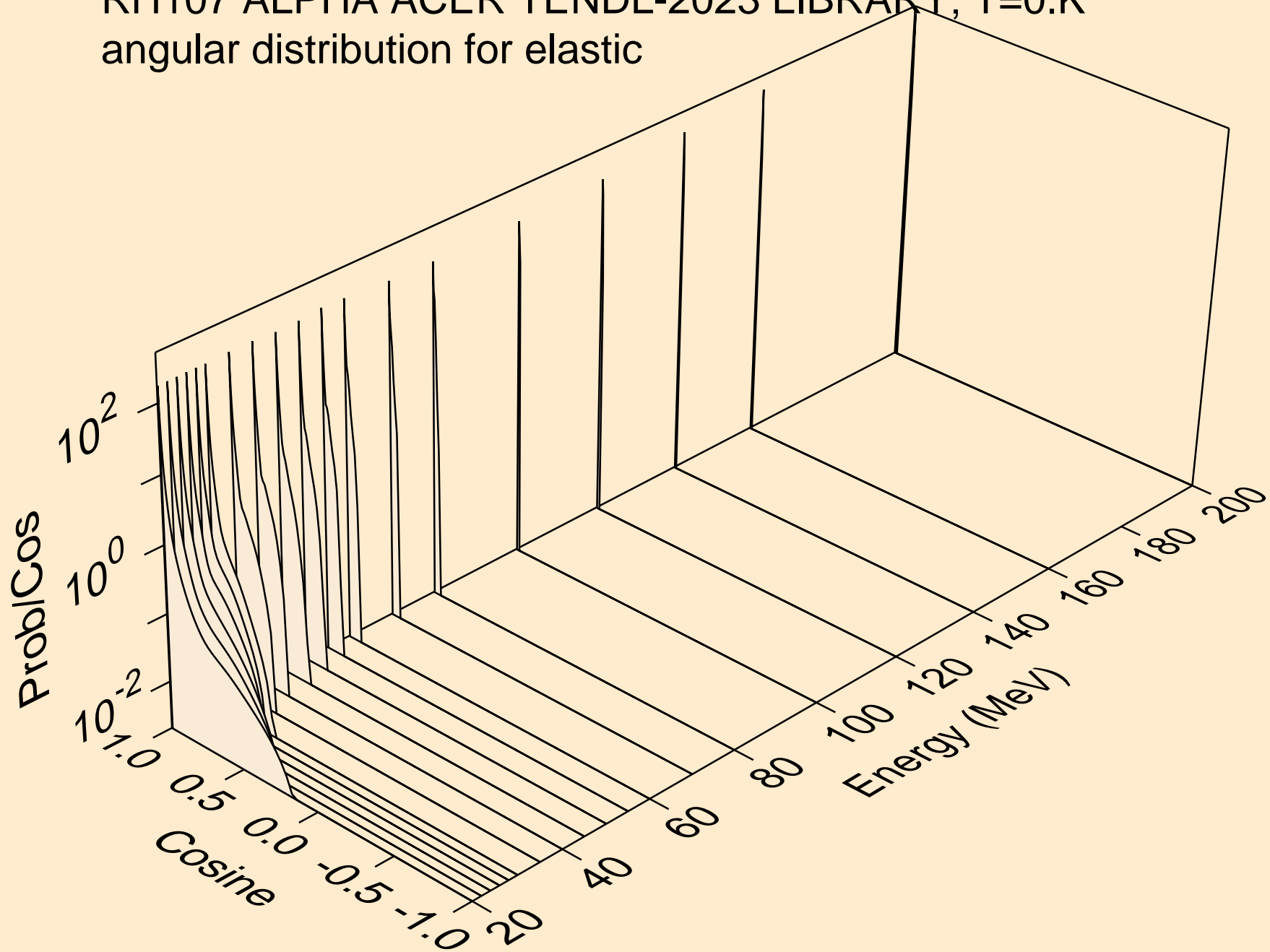
RH107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



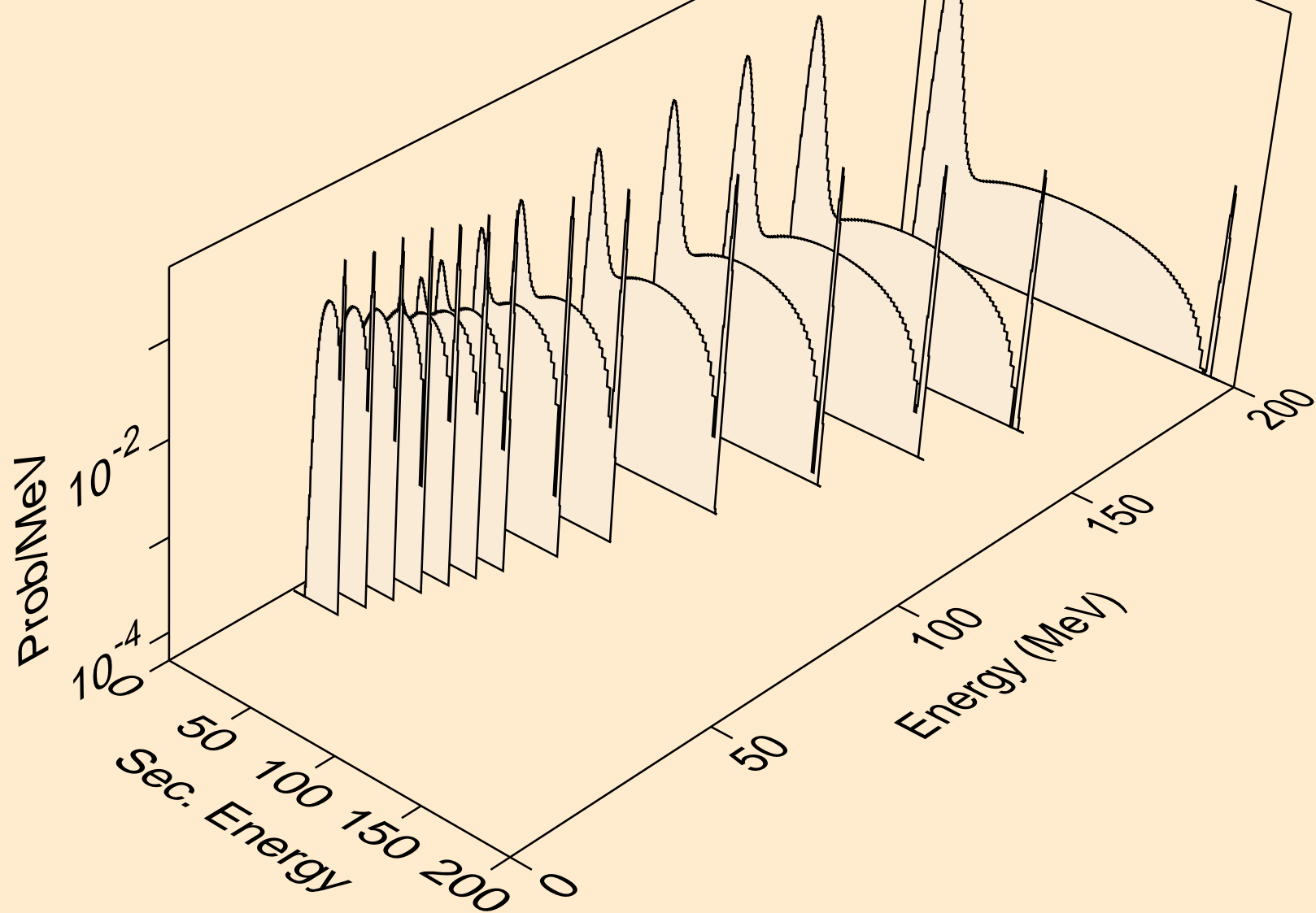
RH107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



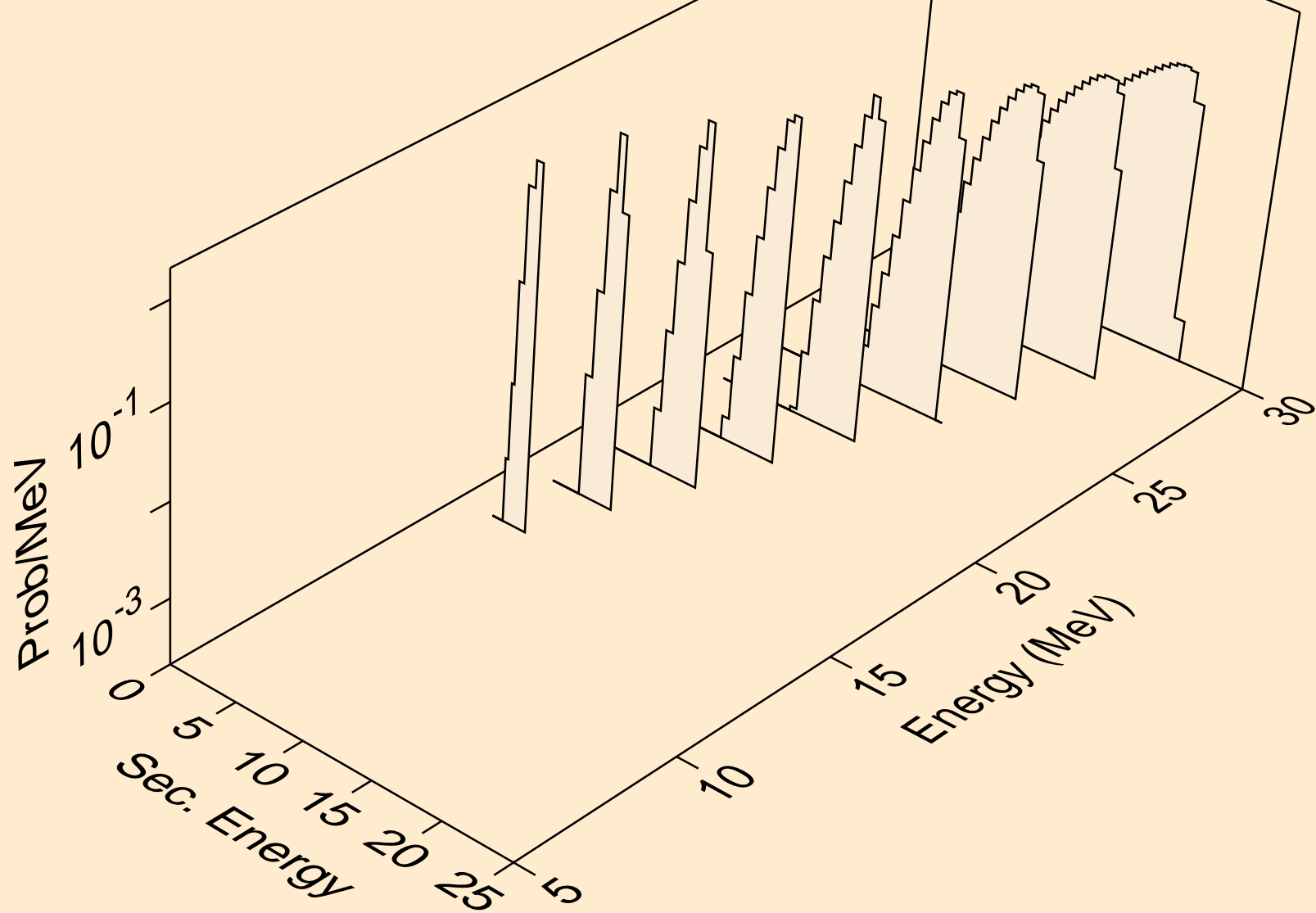
RH107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



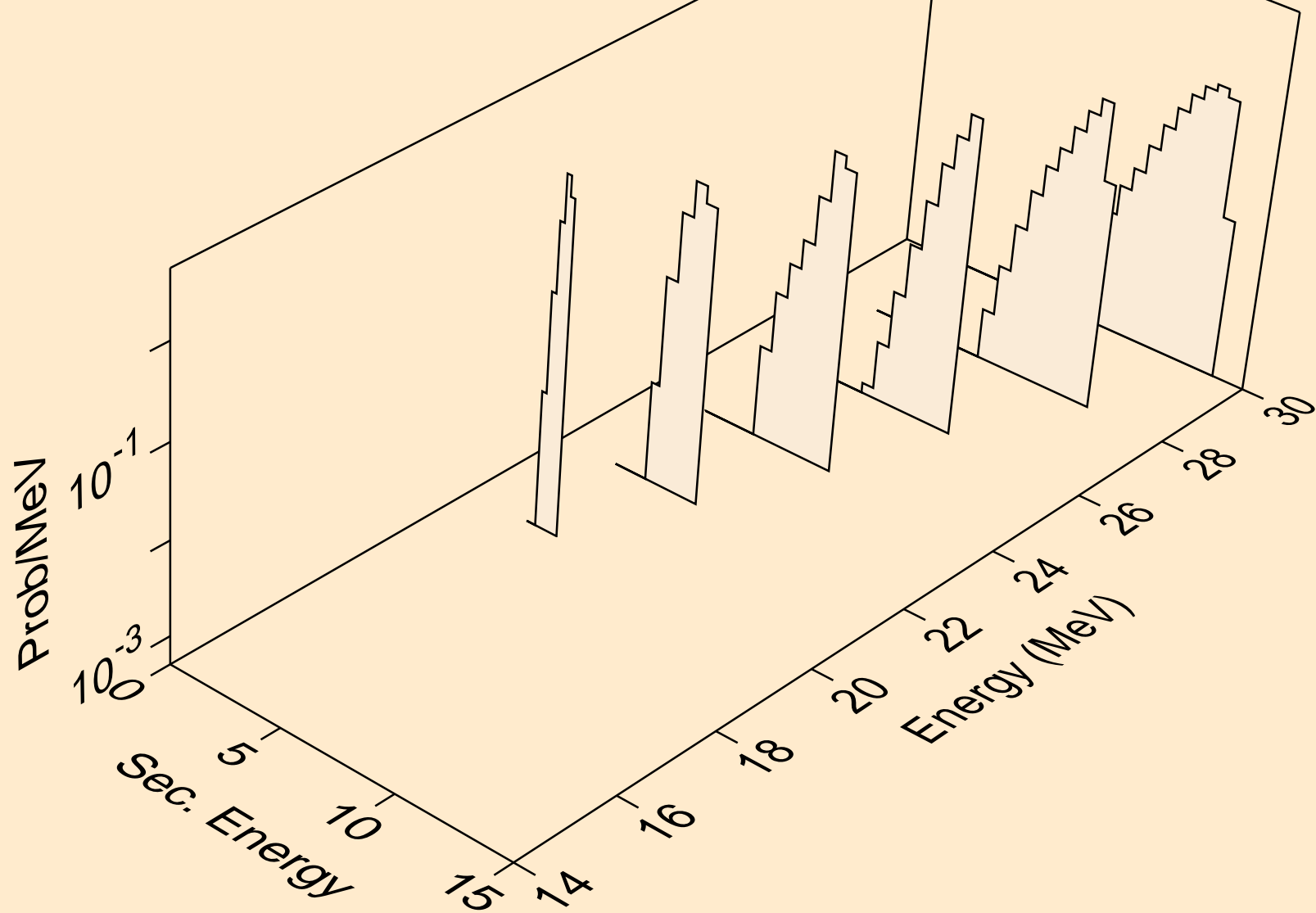
RH107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,x)



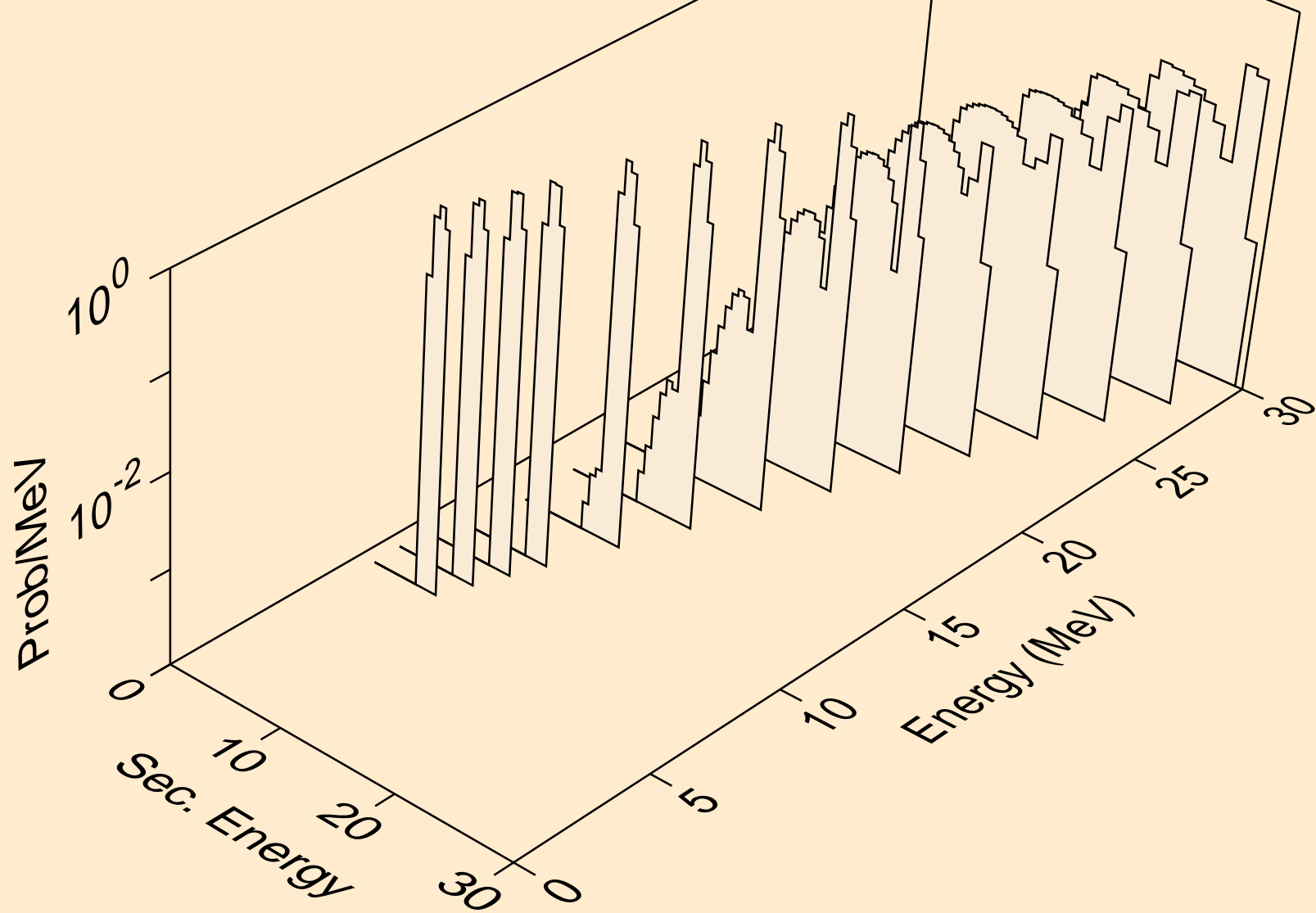
RH107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



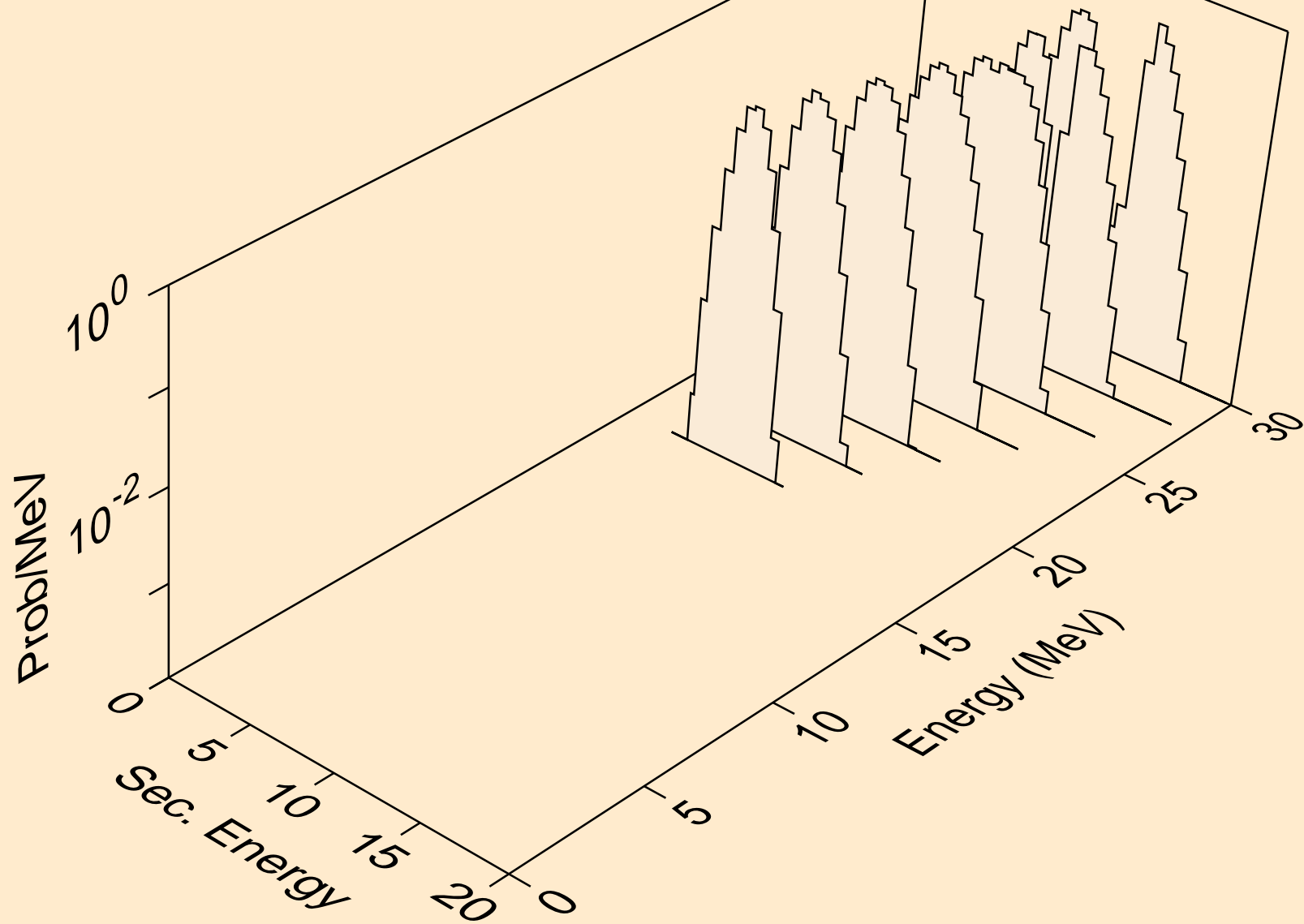
RH107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



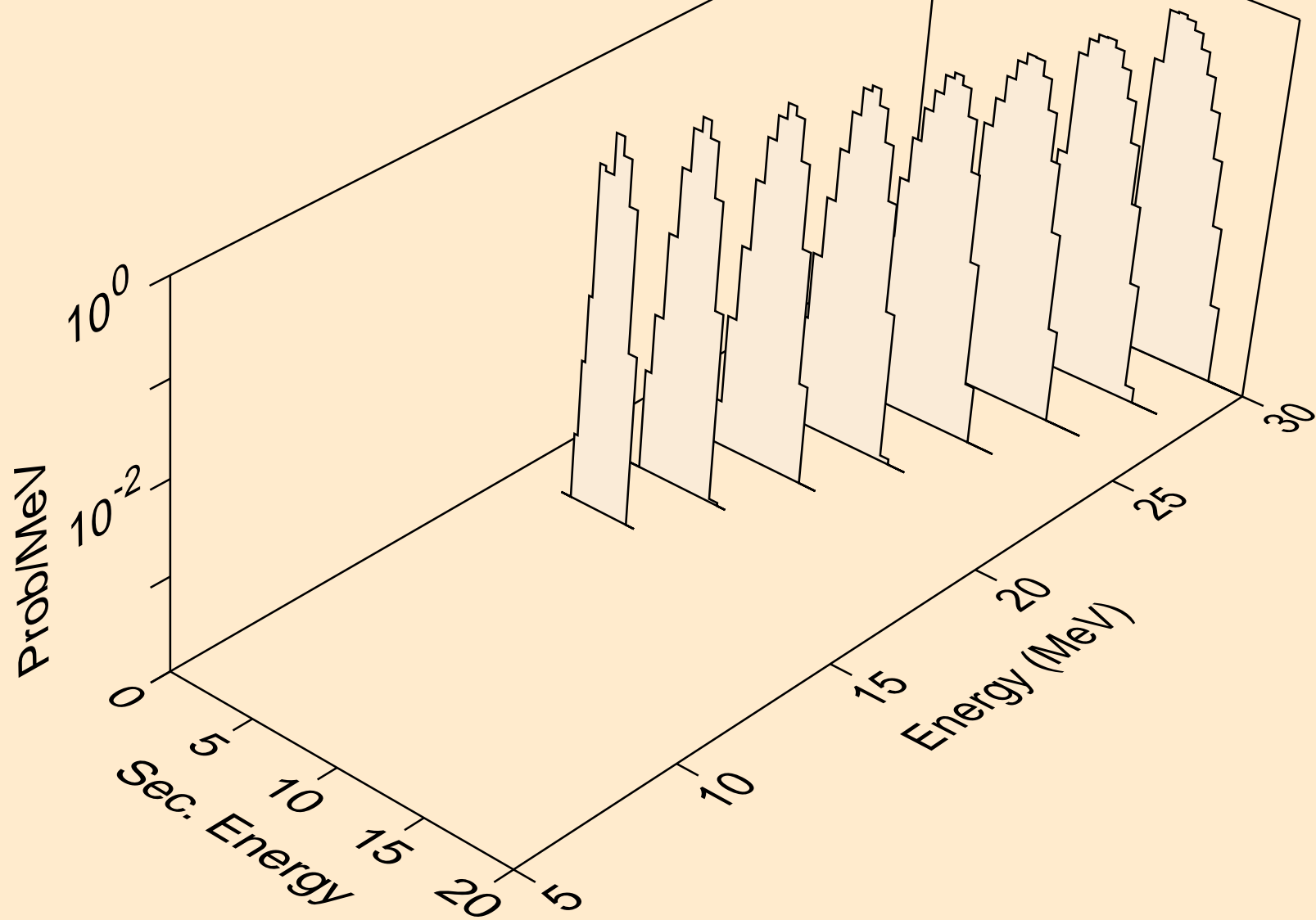
RH107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic



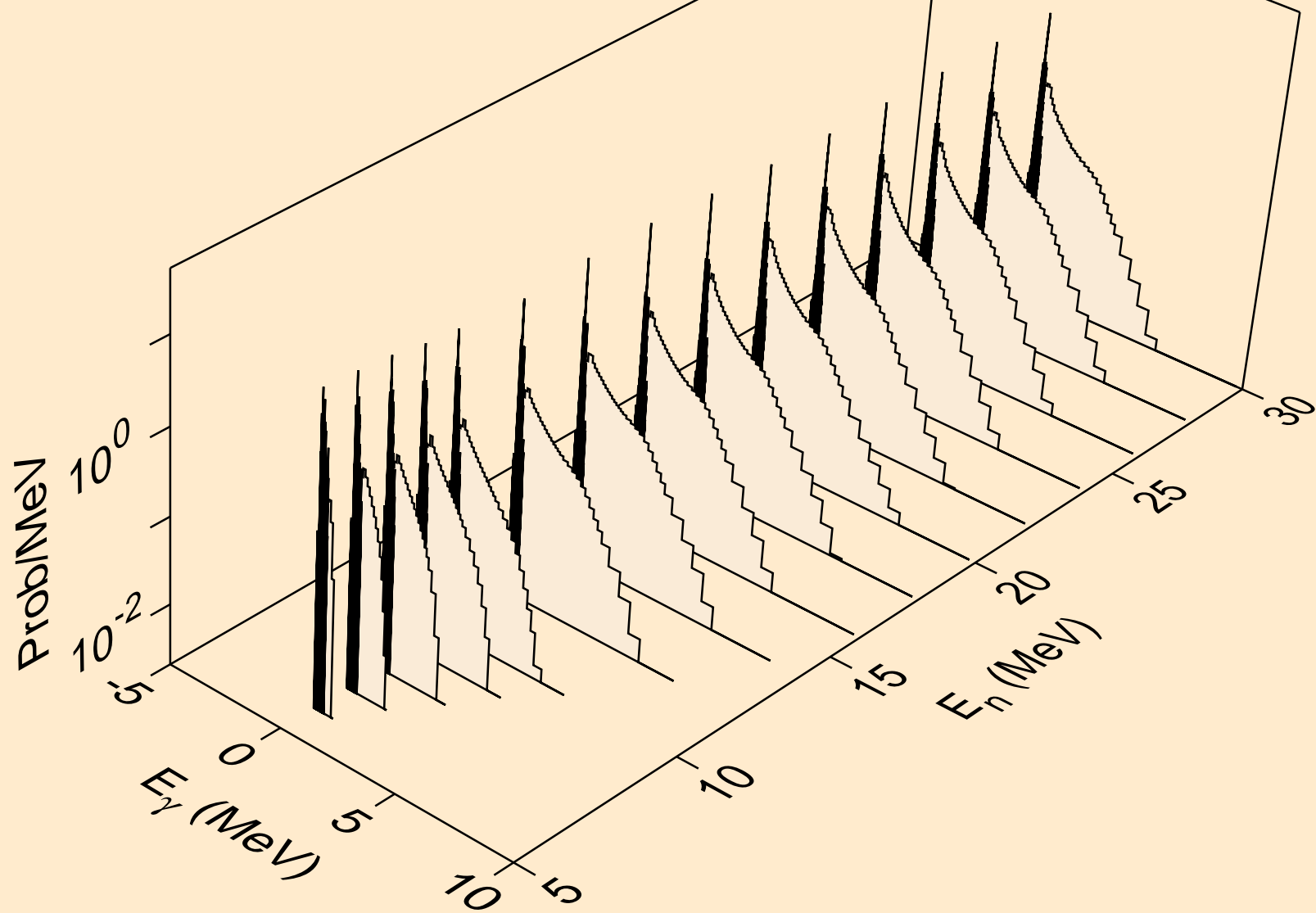
RH107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2a)



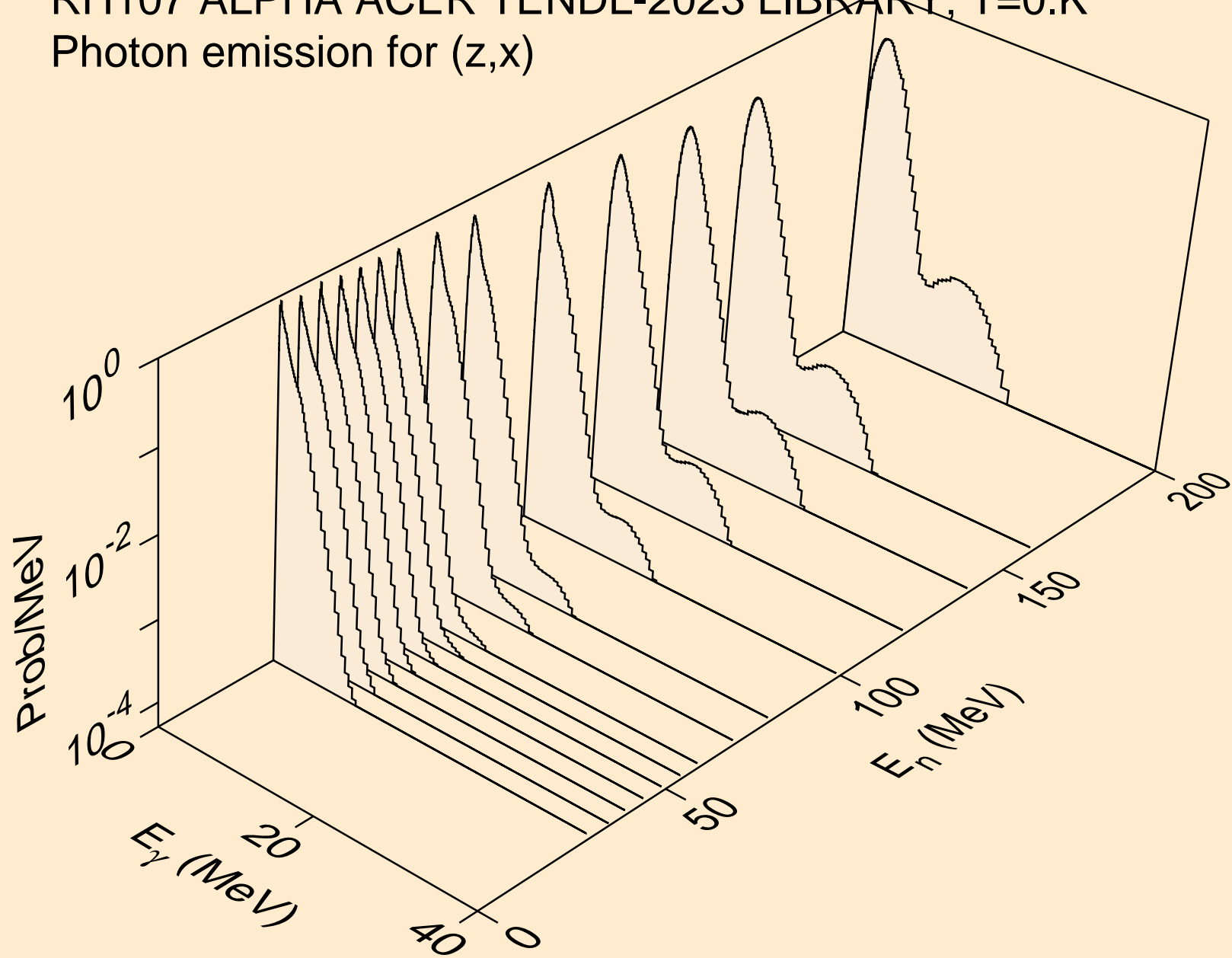
RH107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,pa)



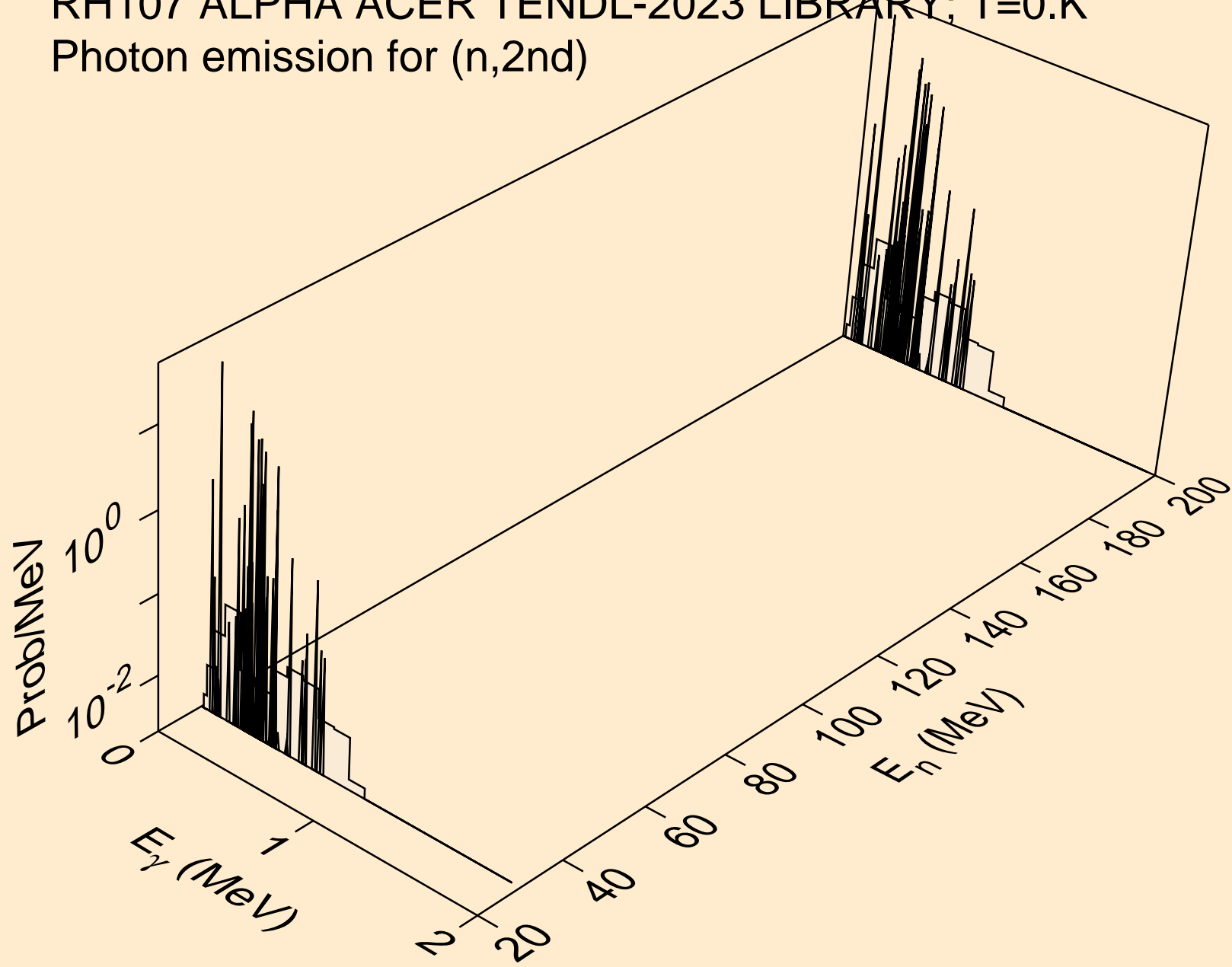
RH107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



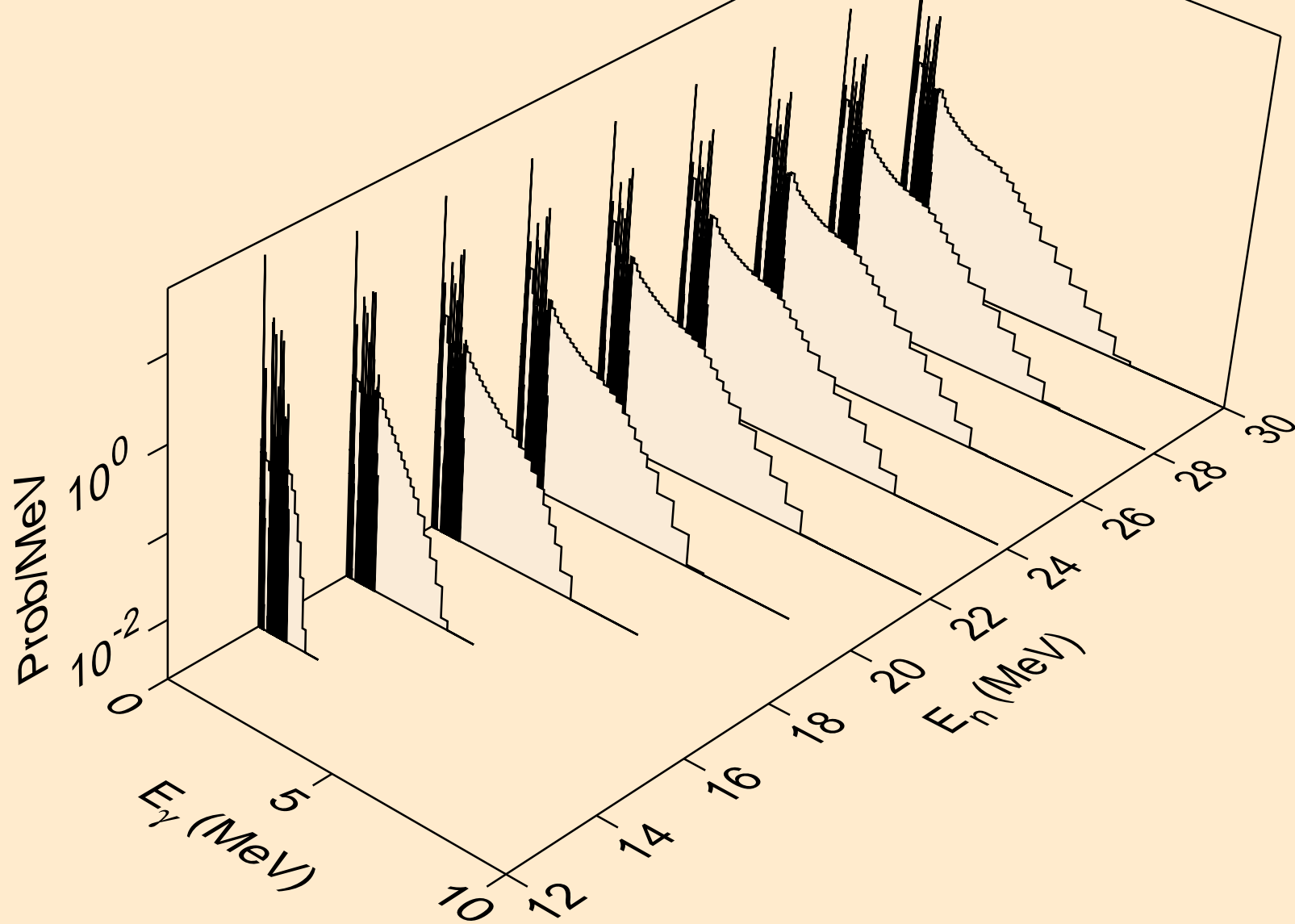
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Photon emission for (z,x)



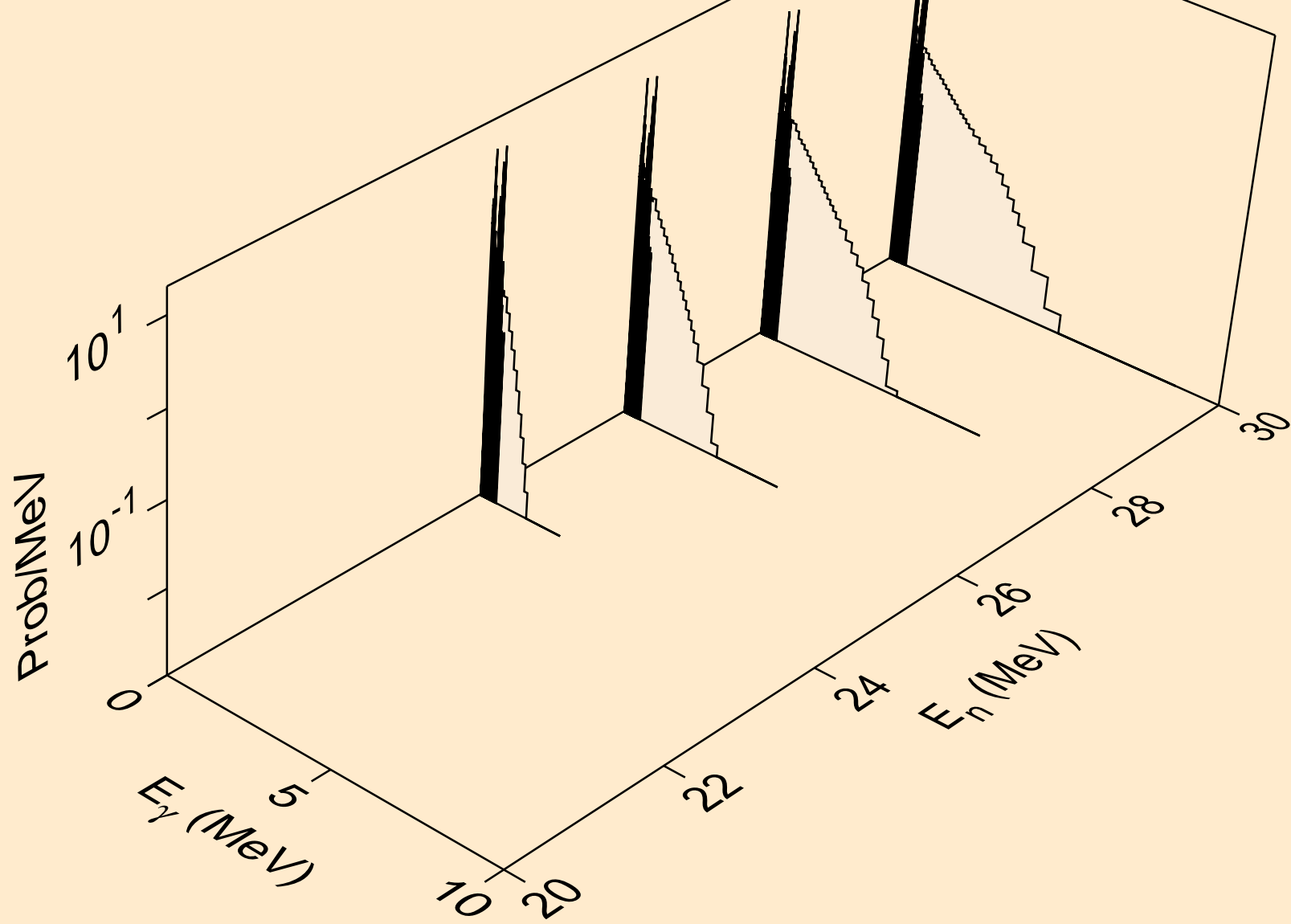
RH107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



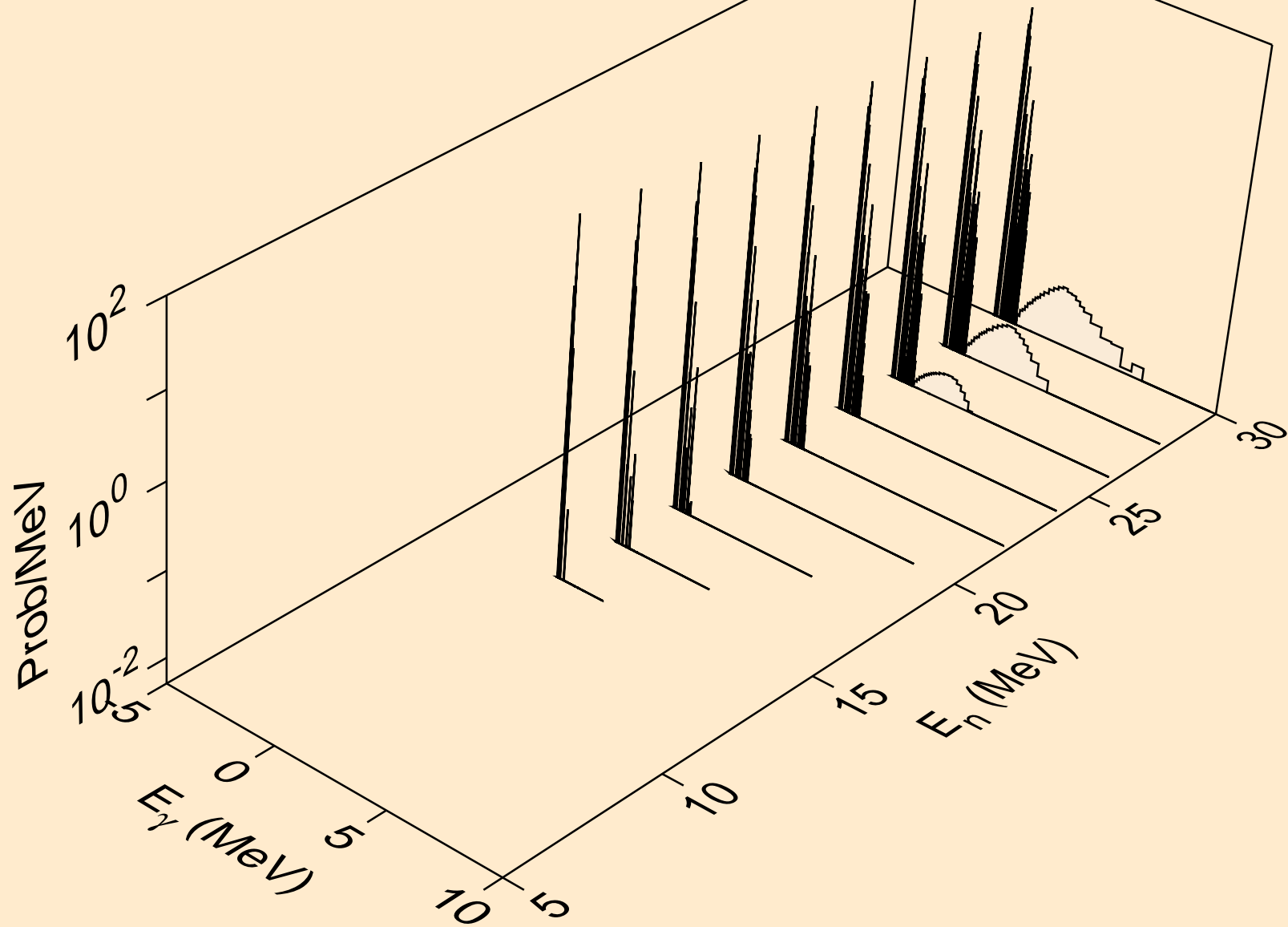
RH107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



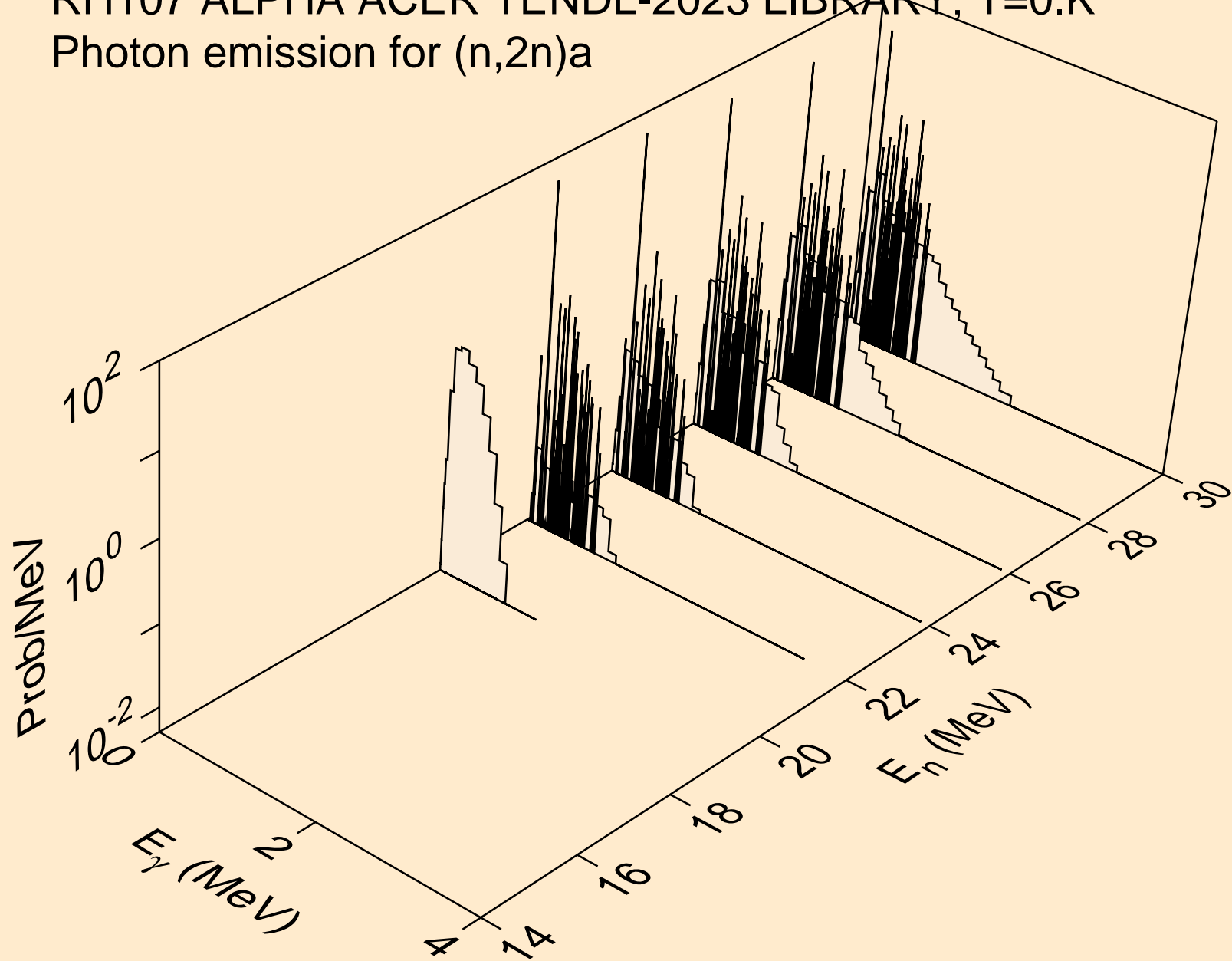
RH107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



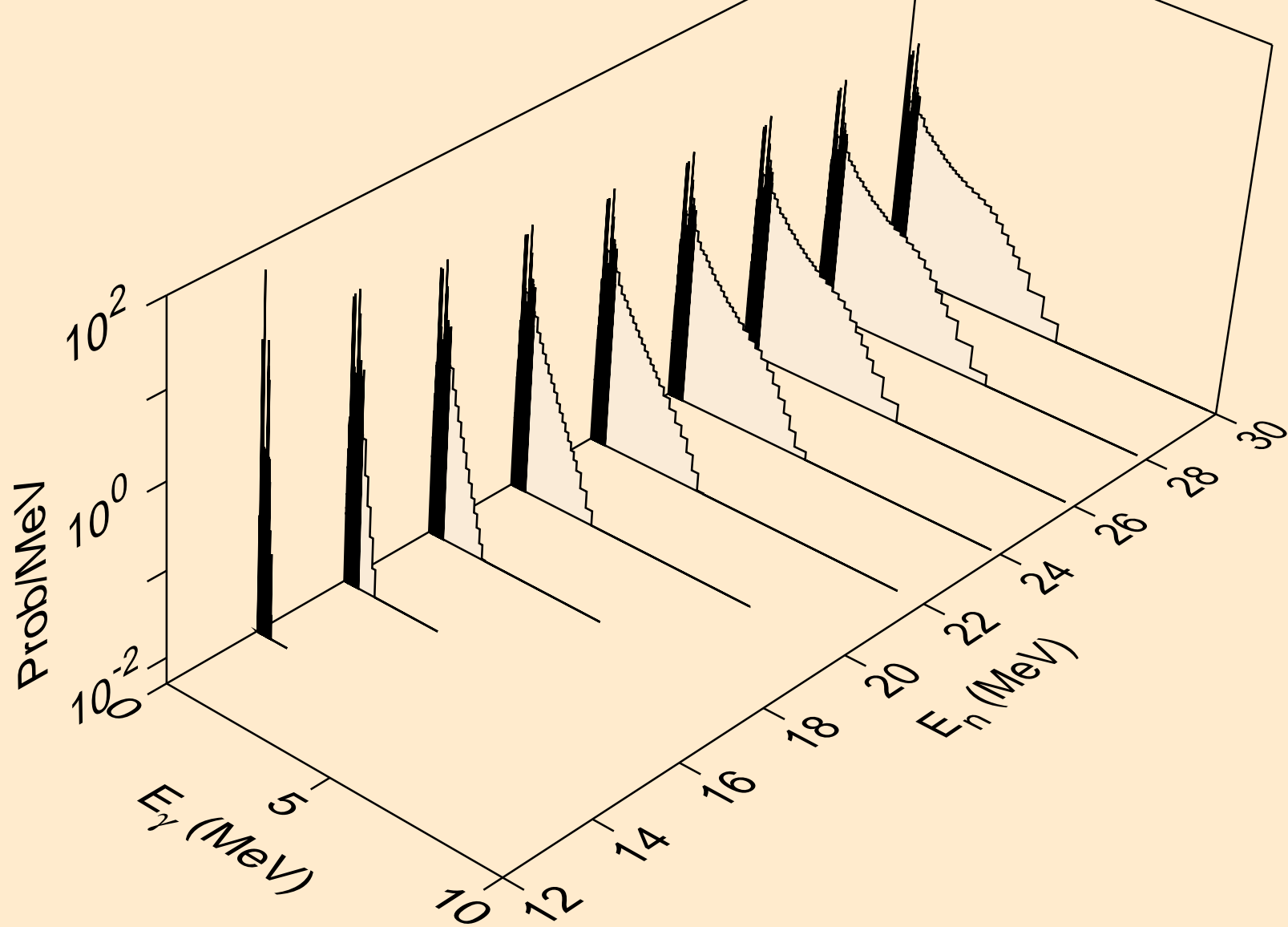
RH107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



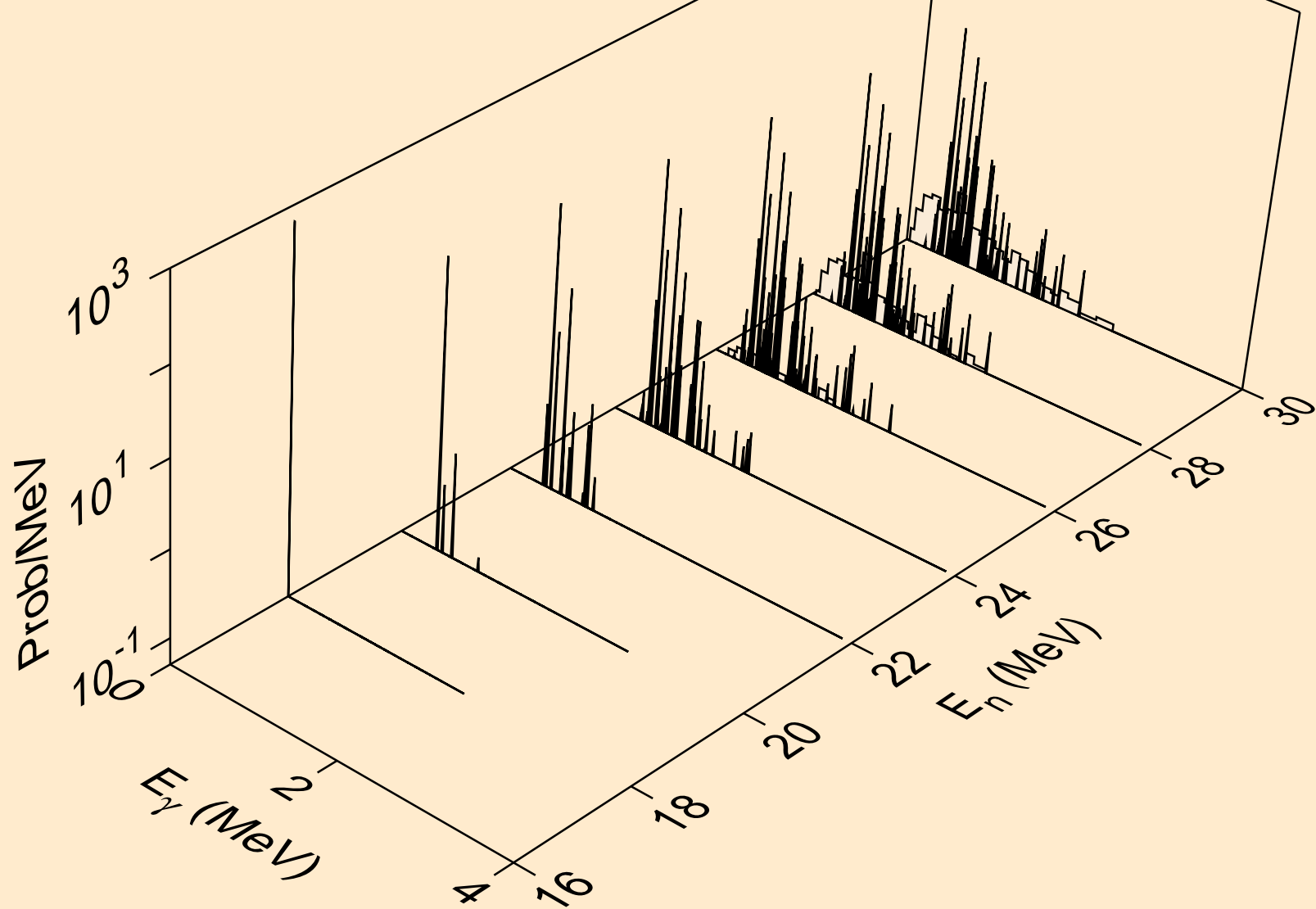
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Photon emission for (n,2n)a



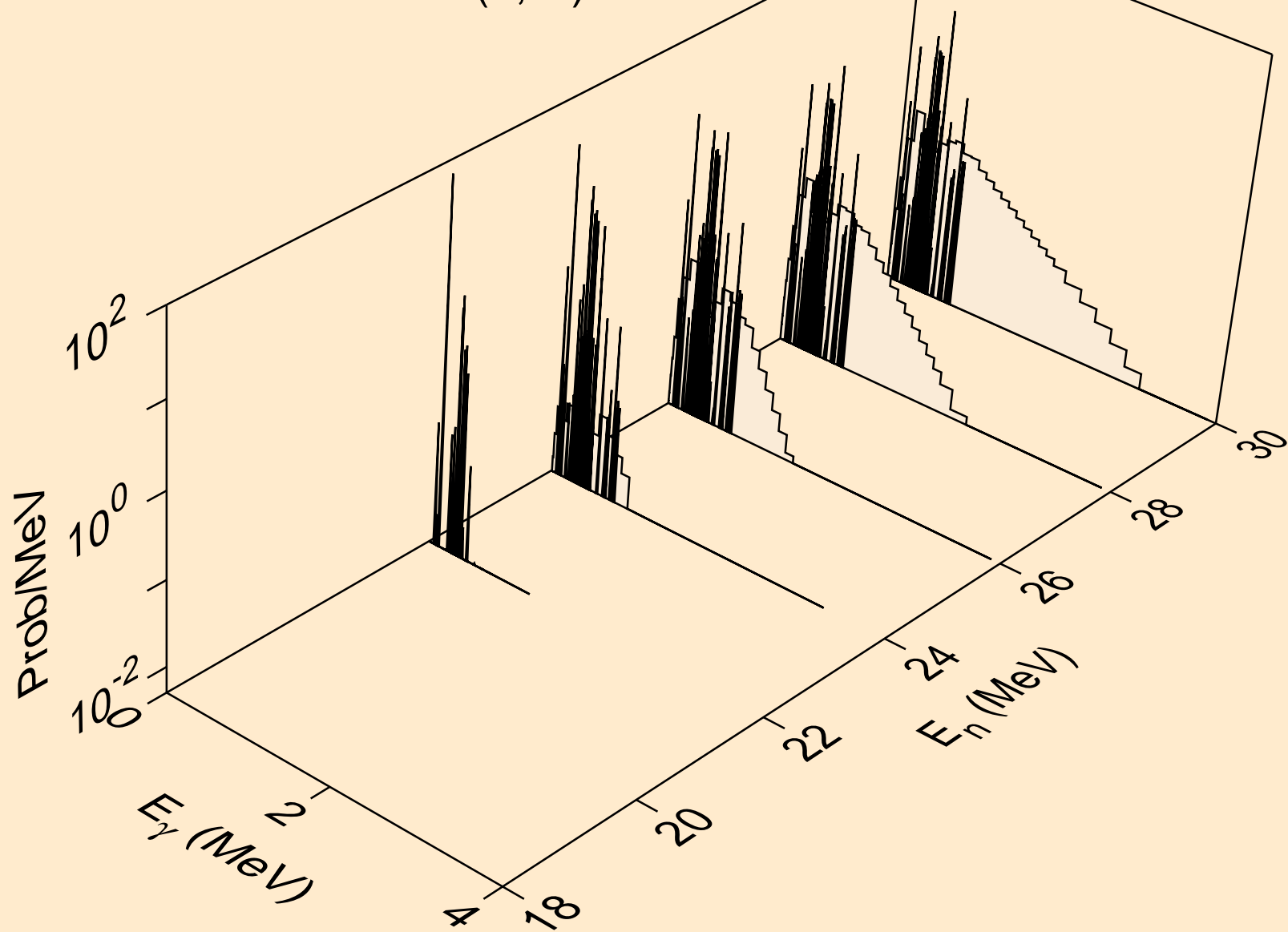
RH107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



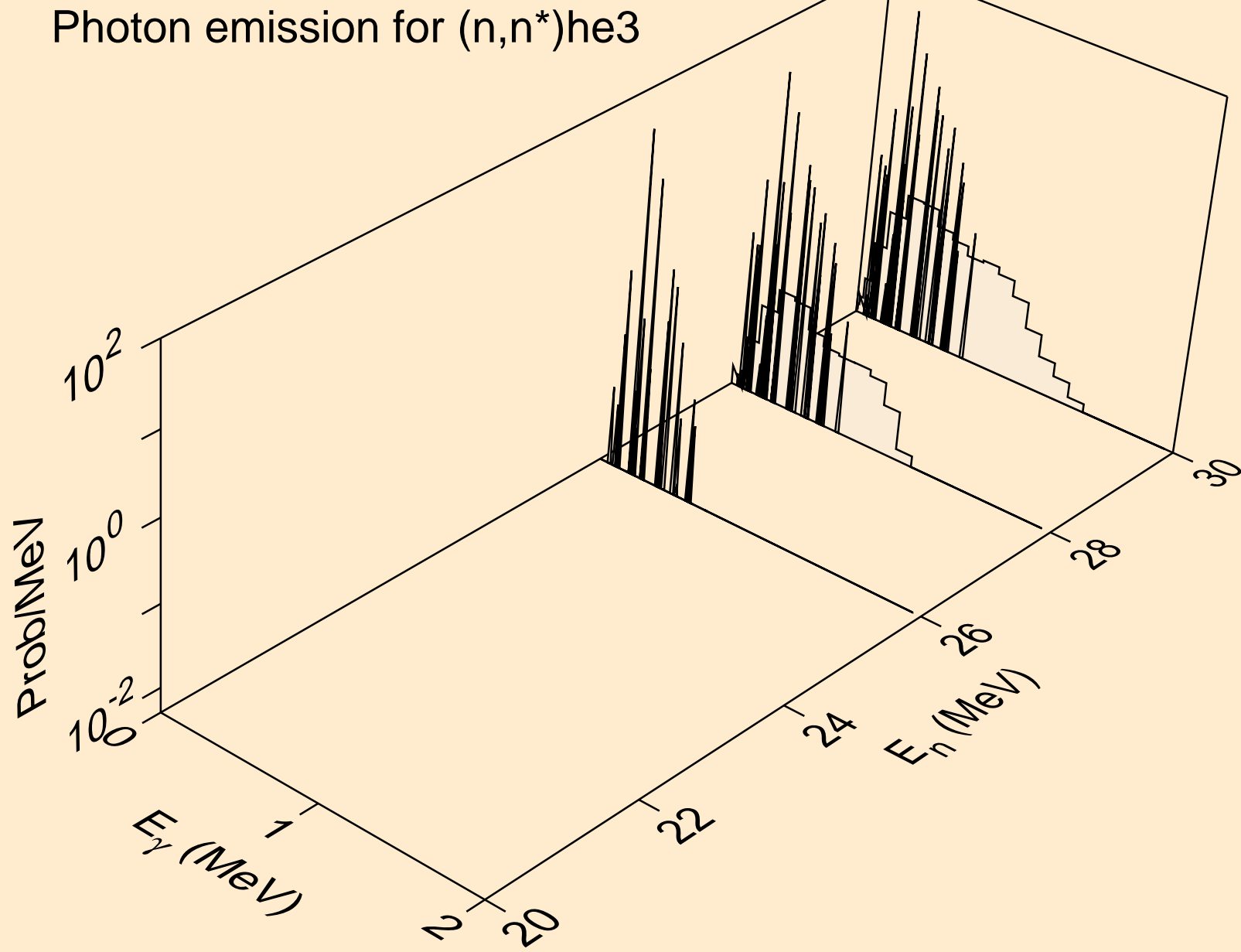
RH107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



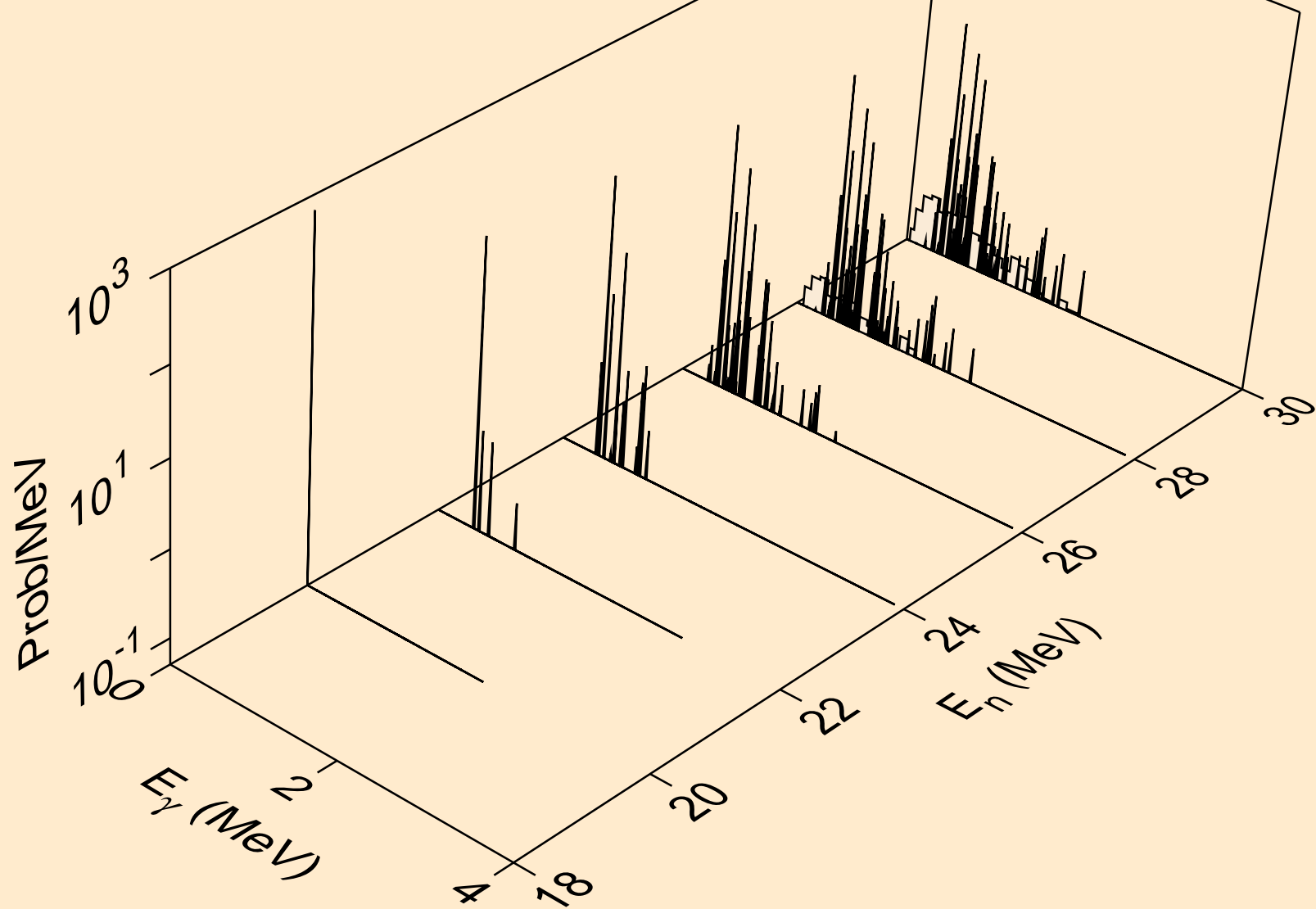
RH107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



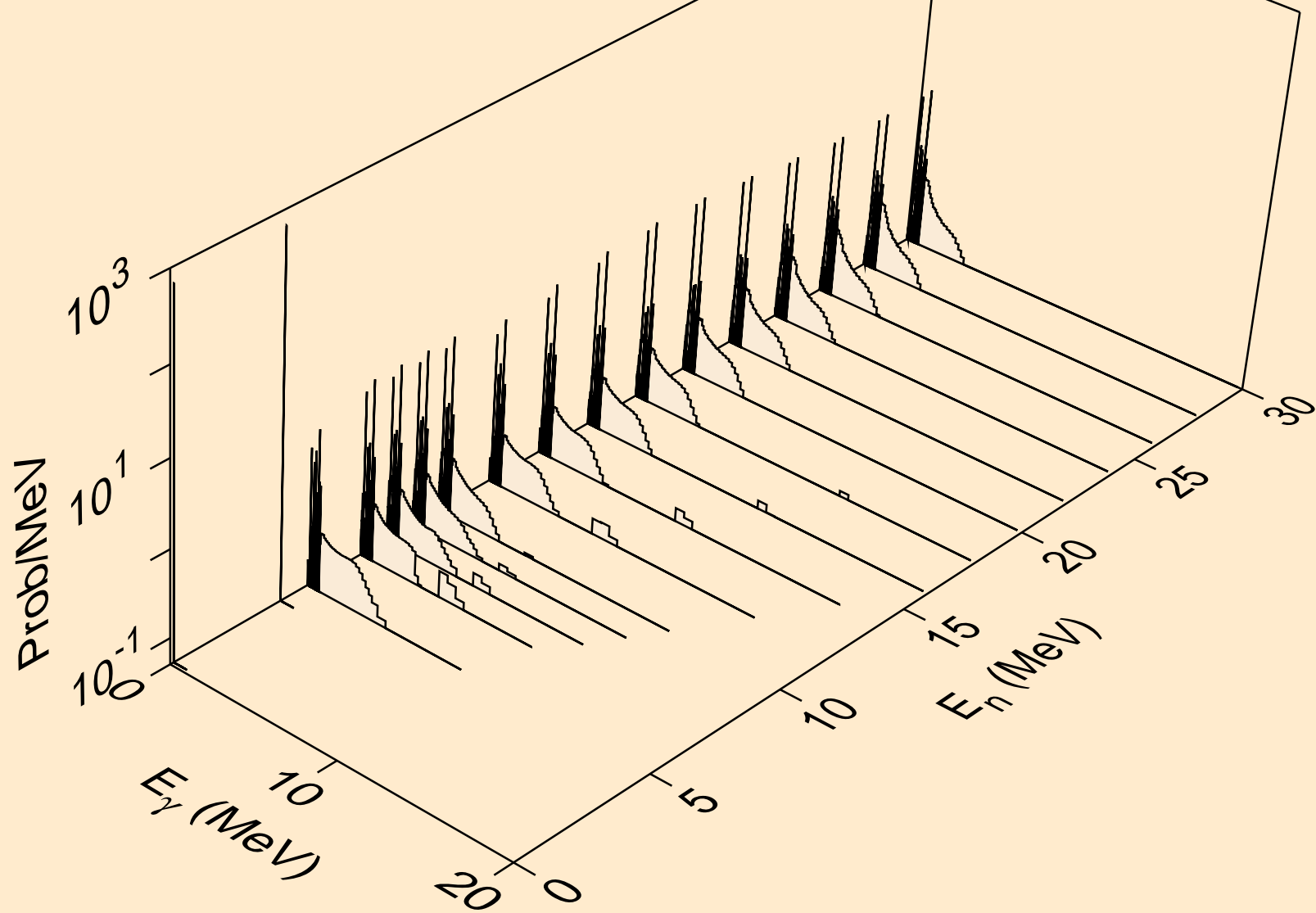
RH107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



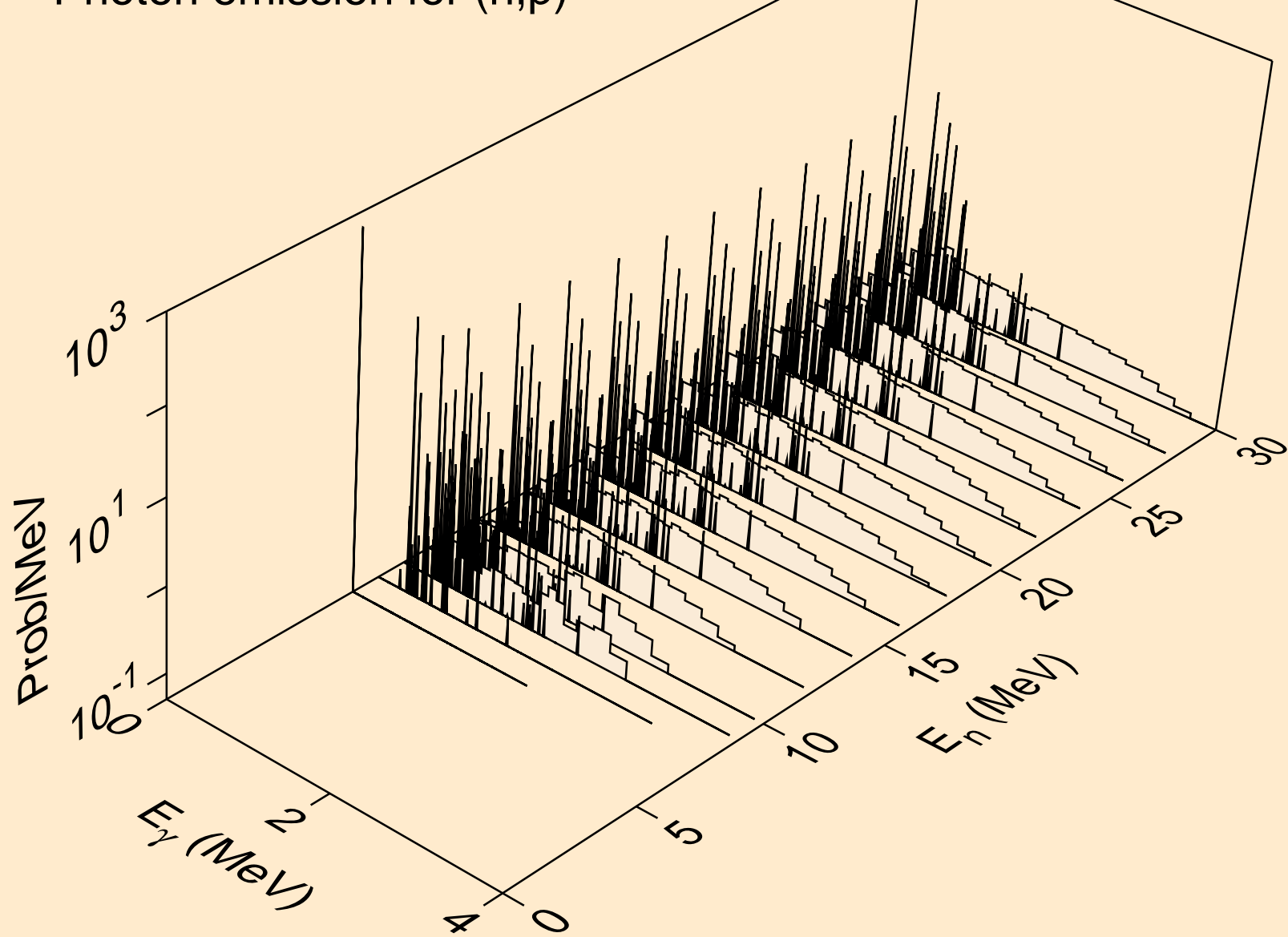
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Photon emission for (n,2np)



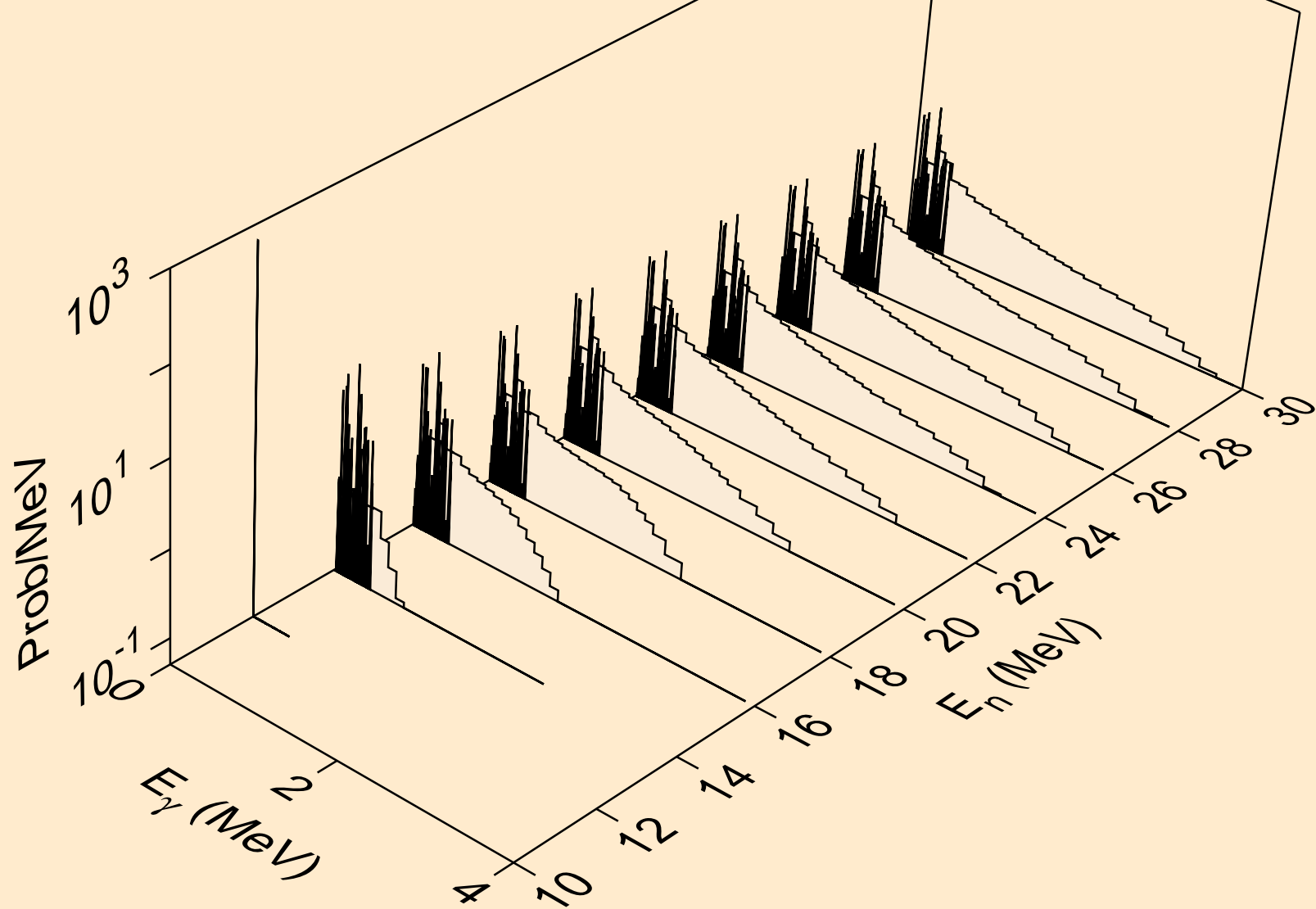
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Photon emission for (n,gma)



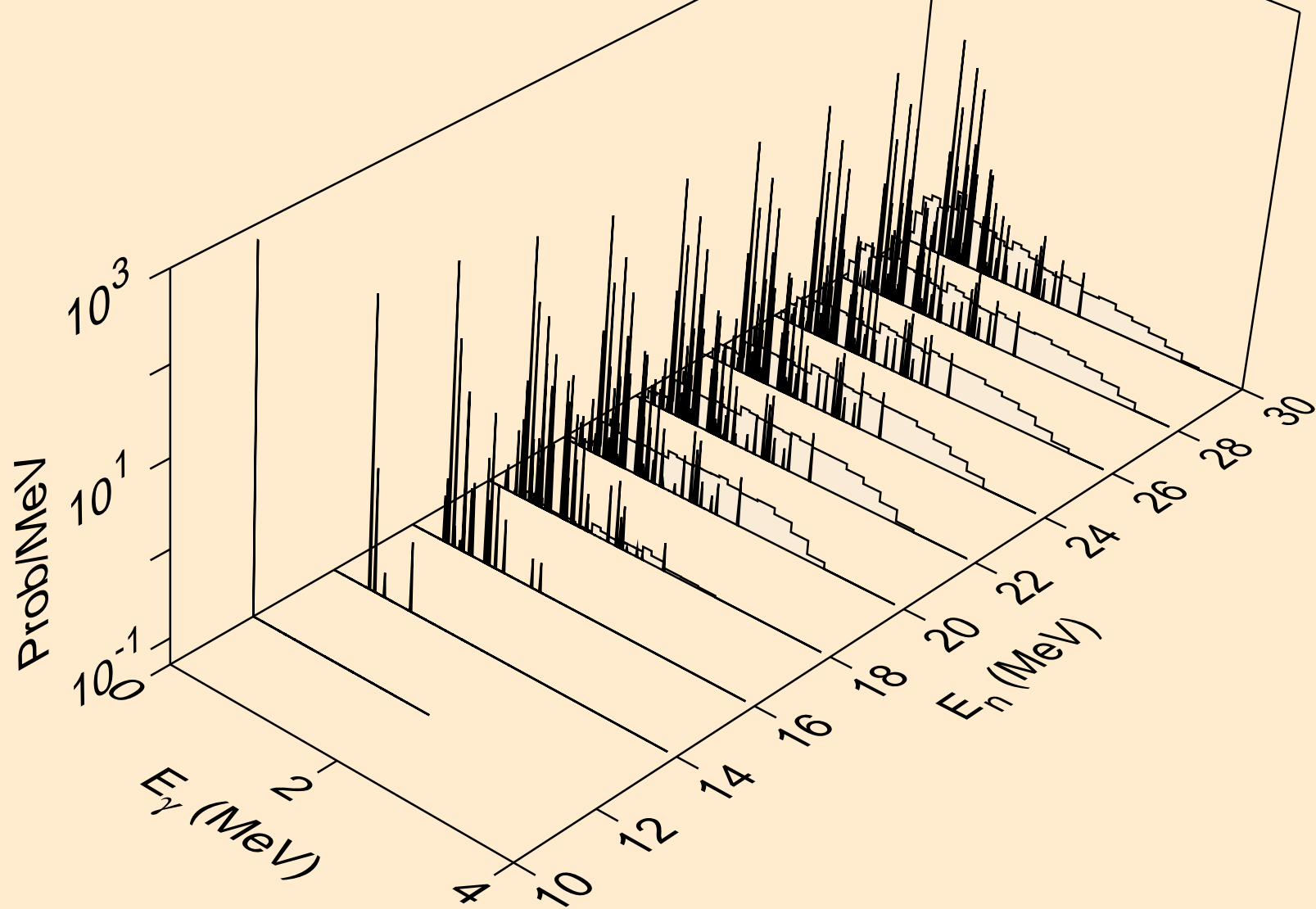
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Photon emission for (n,p)



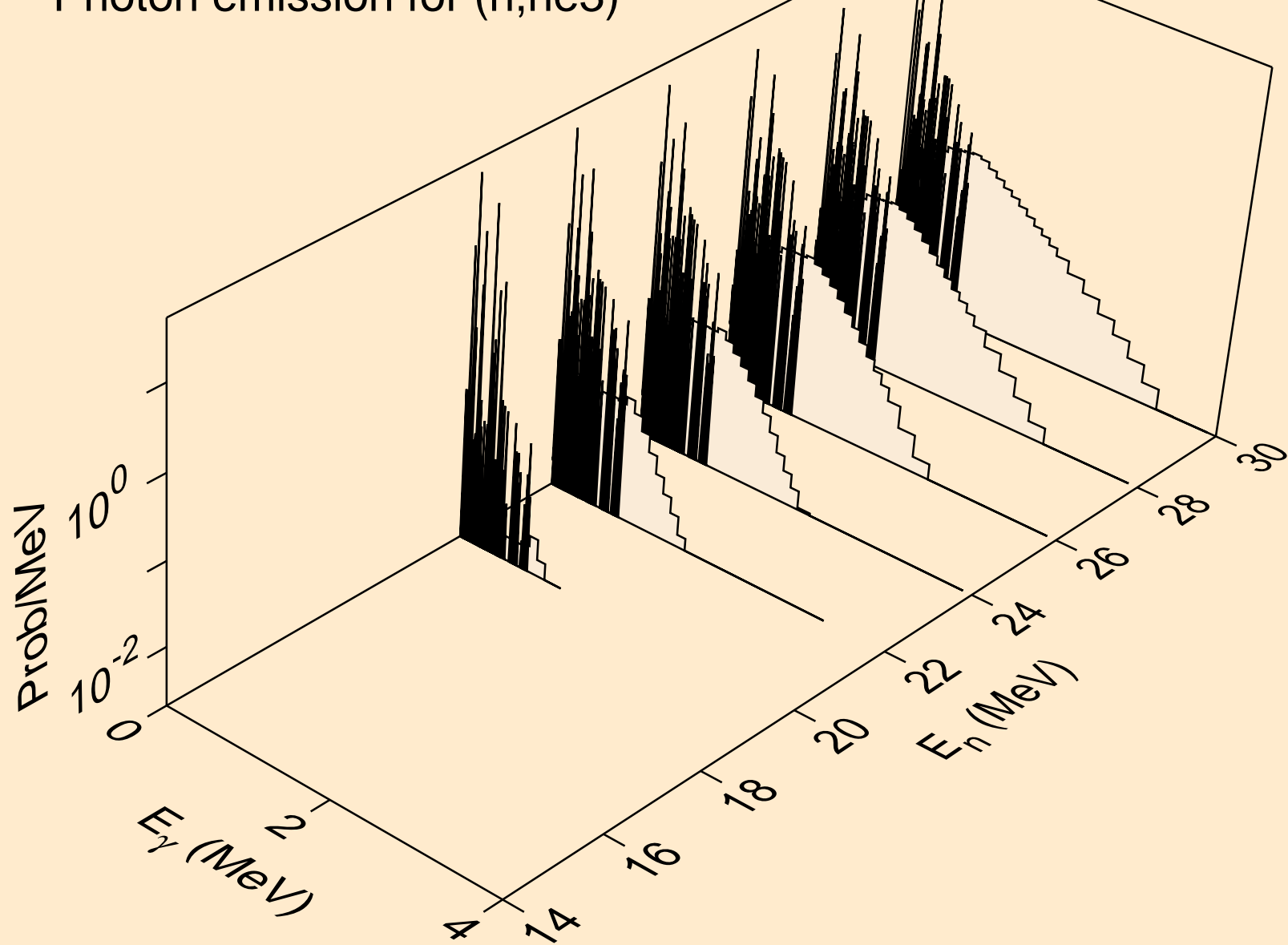
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Photon emission for (n,d)



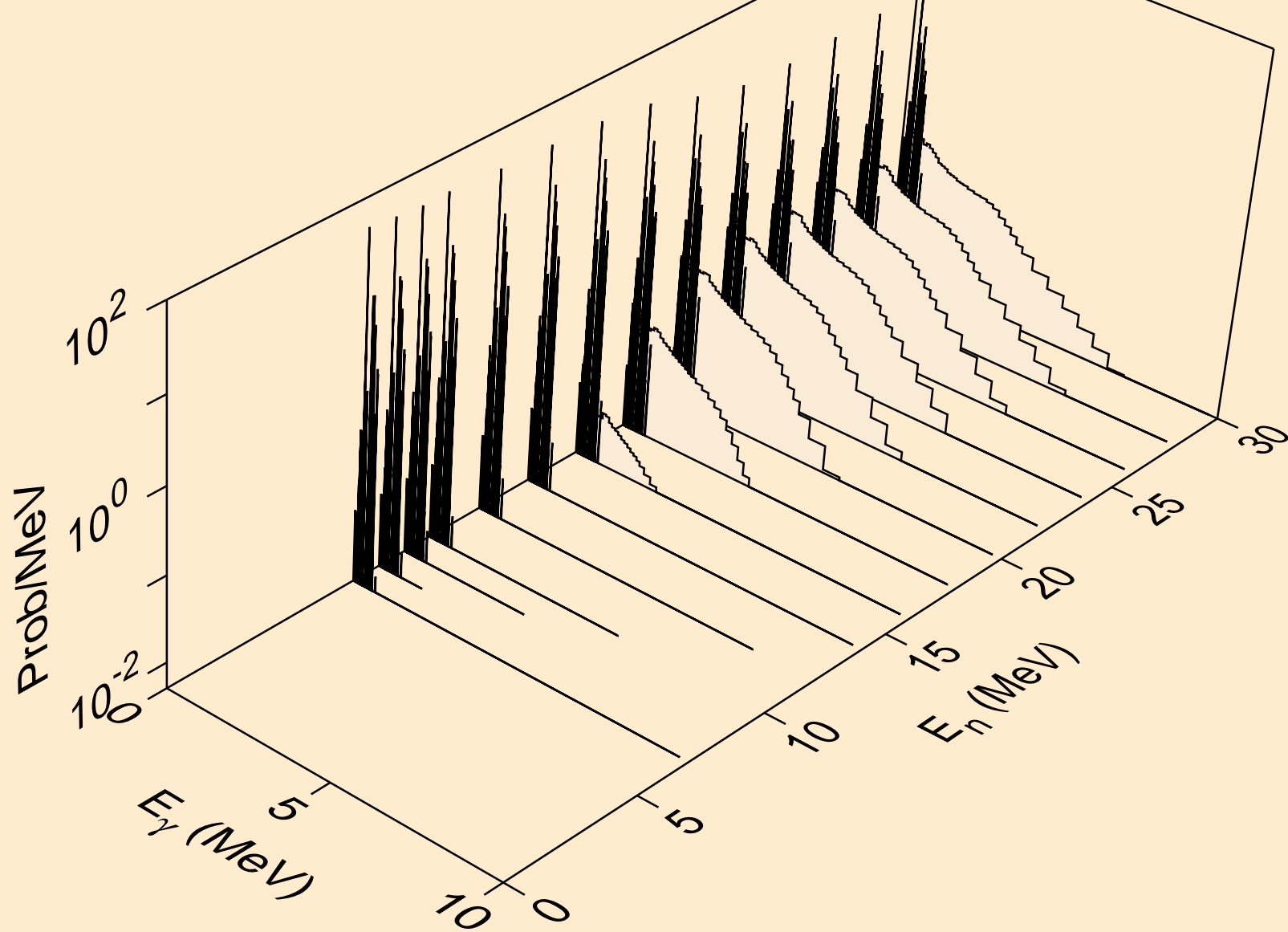
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Photon emission for (n,t)



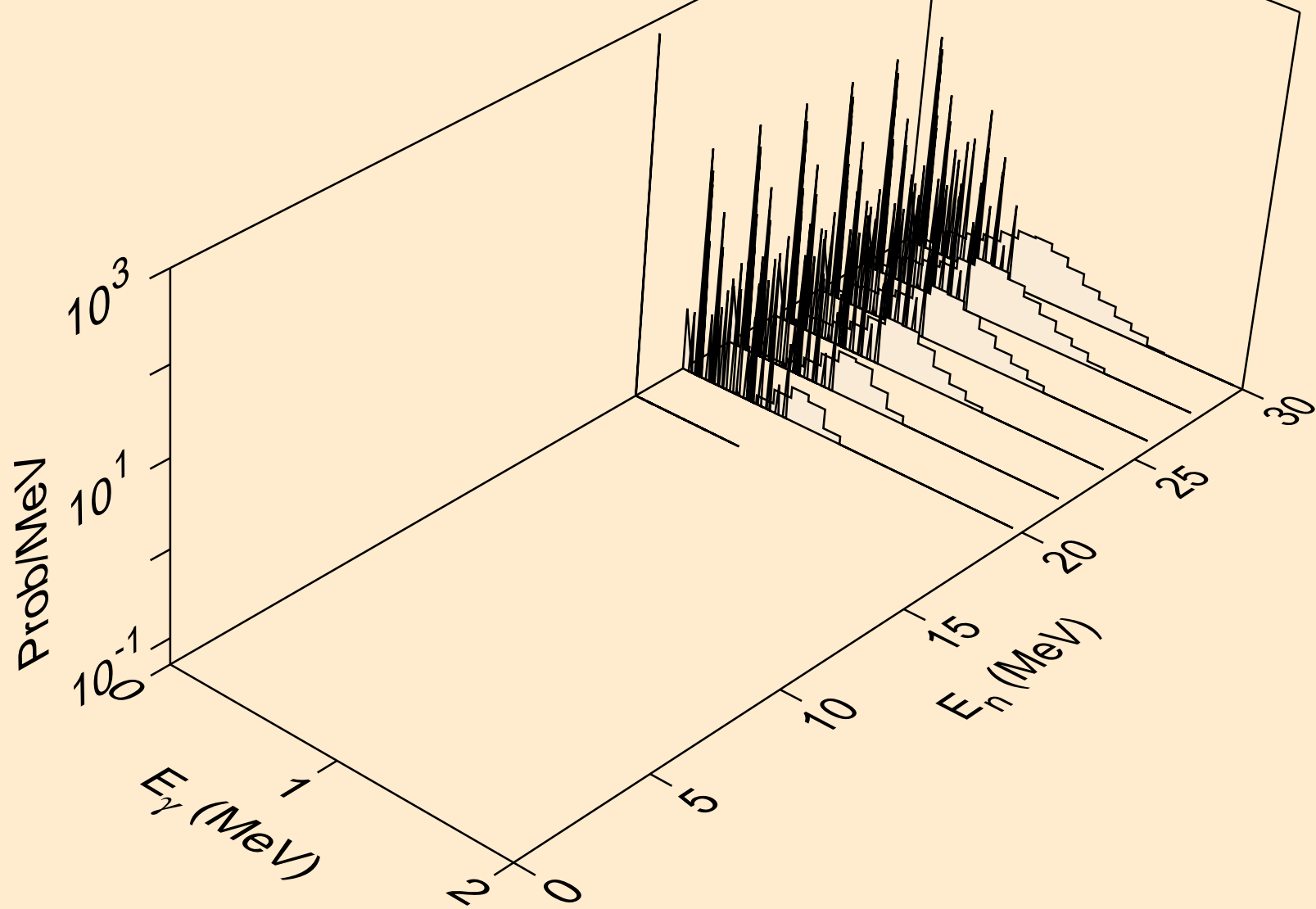
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Photon emission for (n,he3)



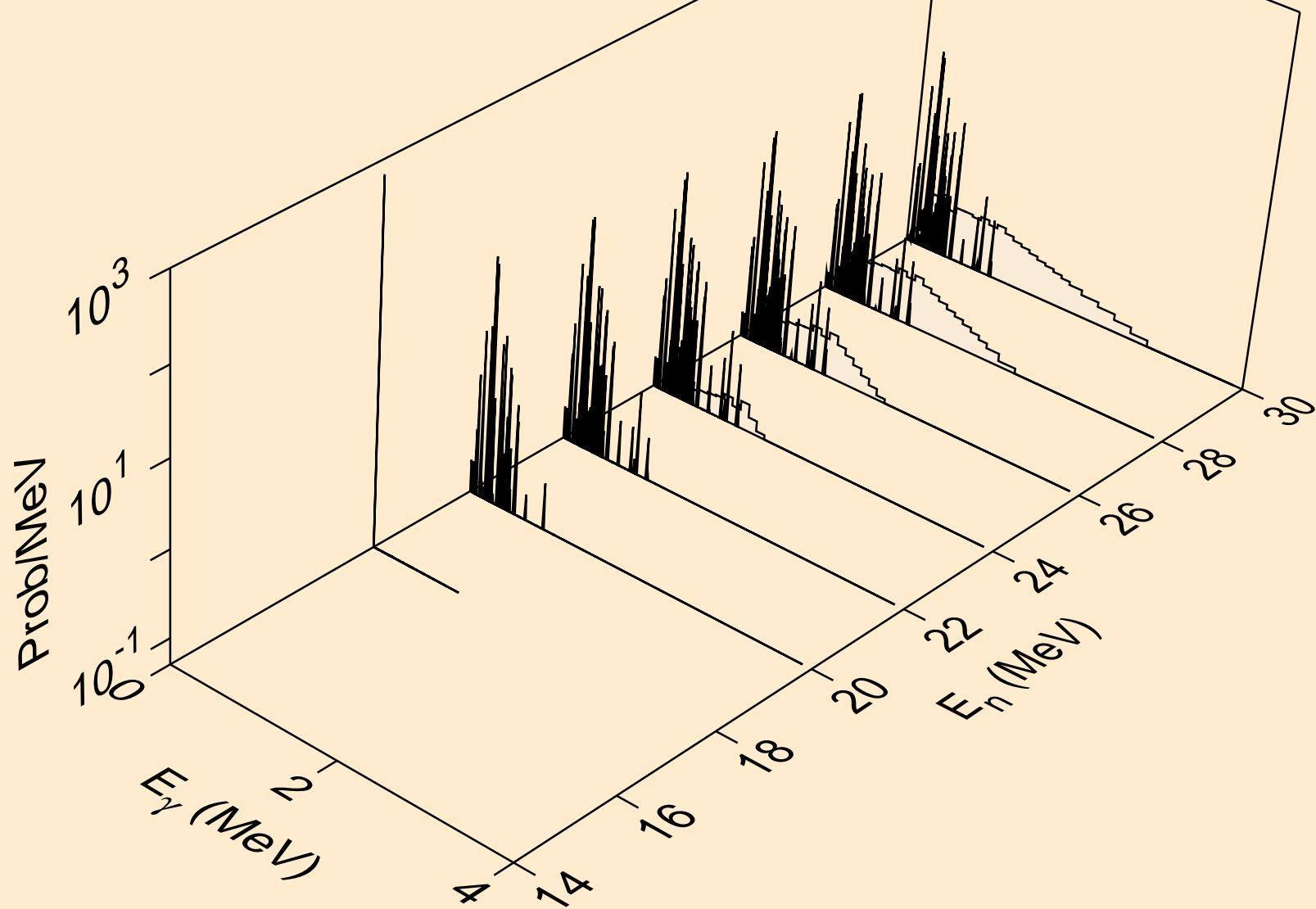
RH107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



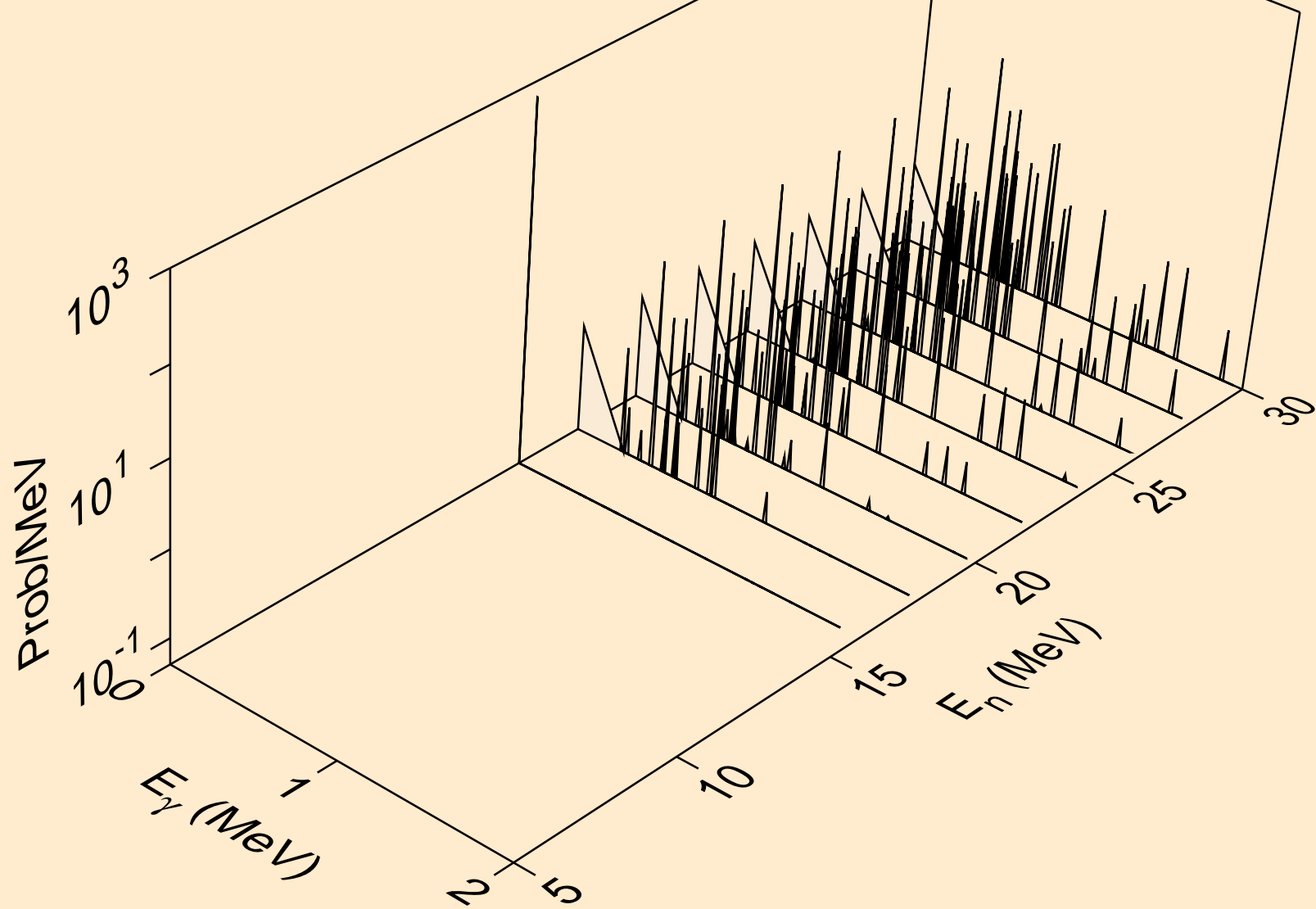
RH107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



RH107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

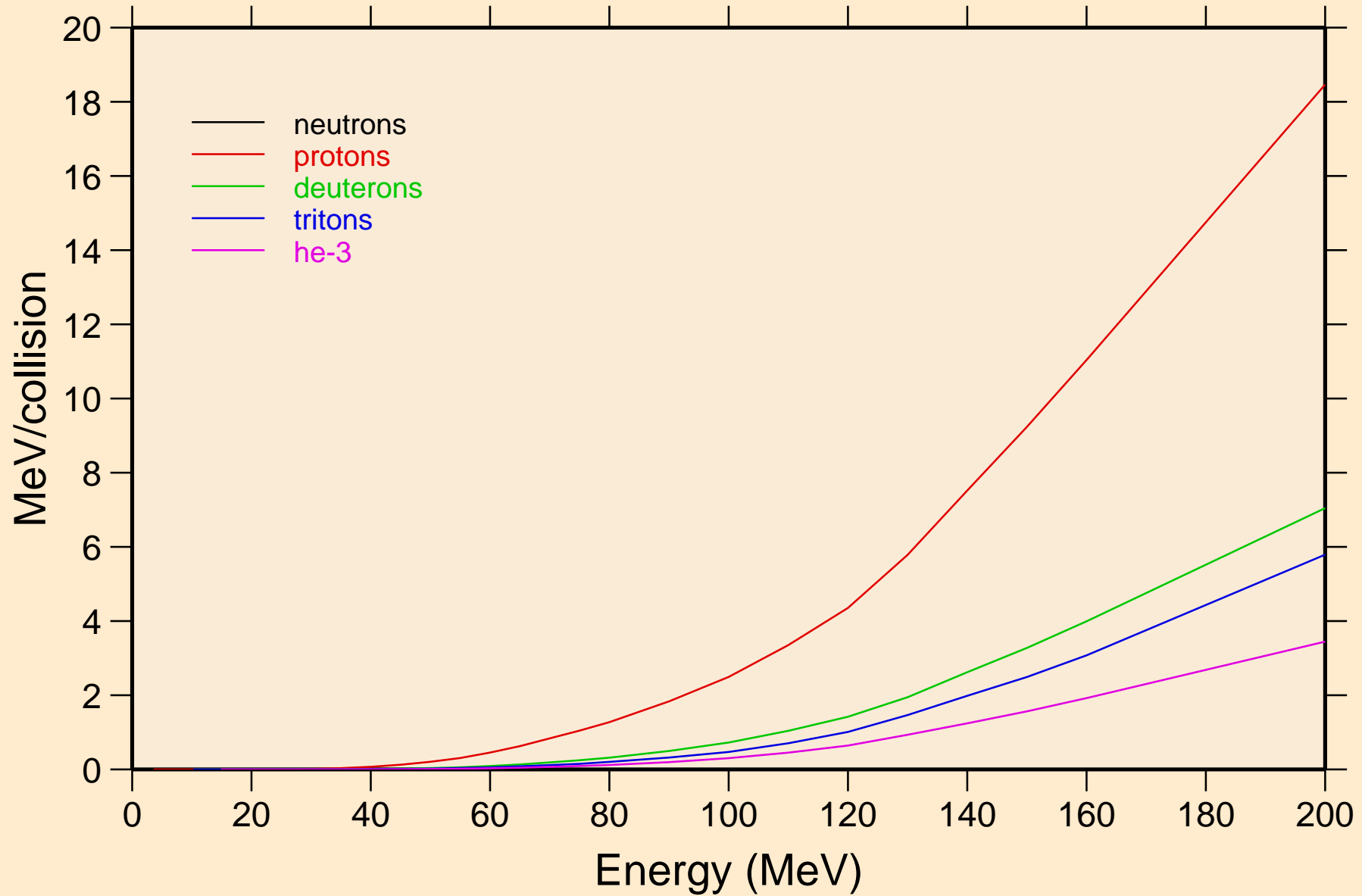


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Photon emission for (n,pa)

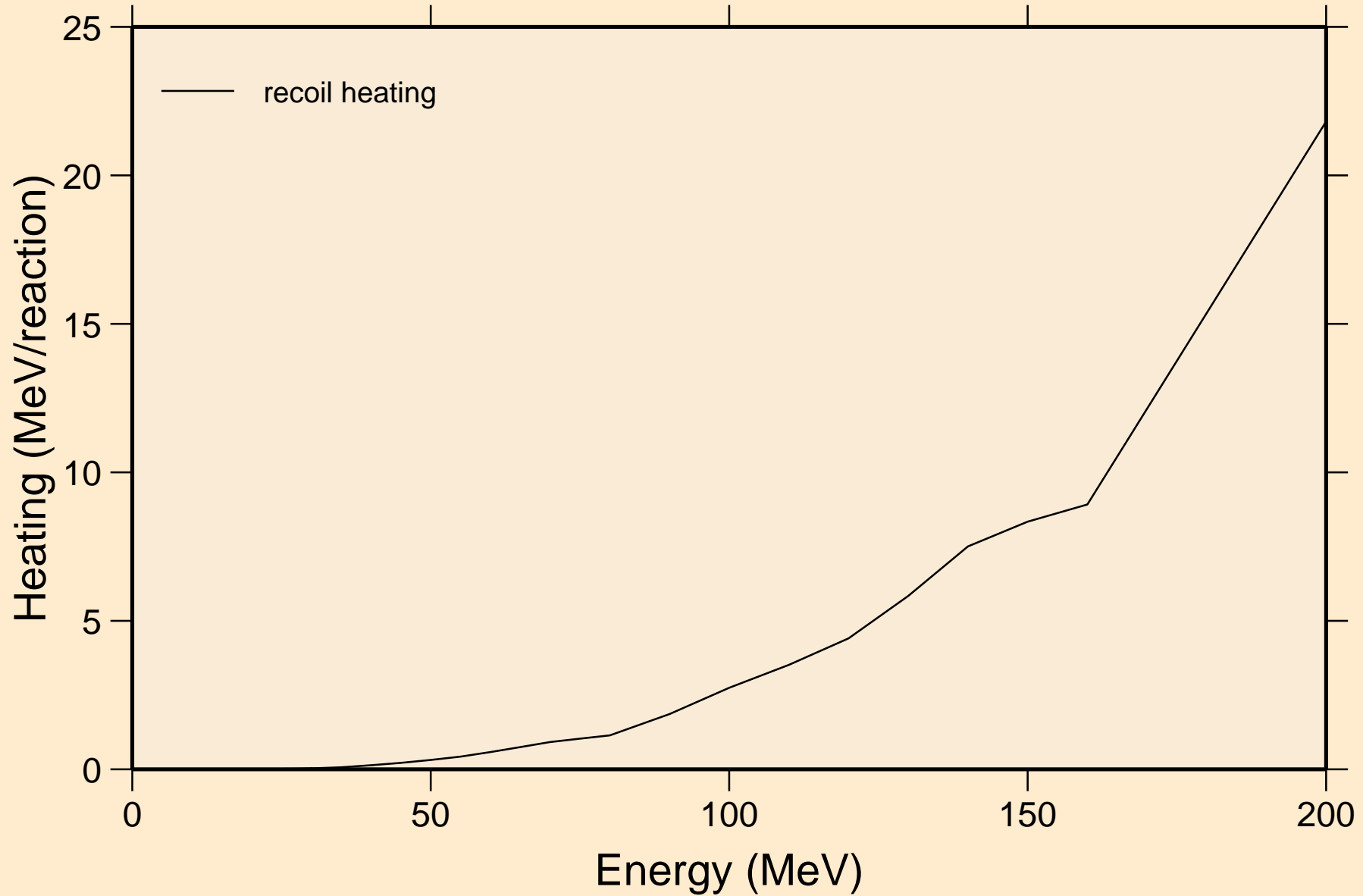


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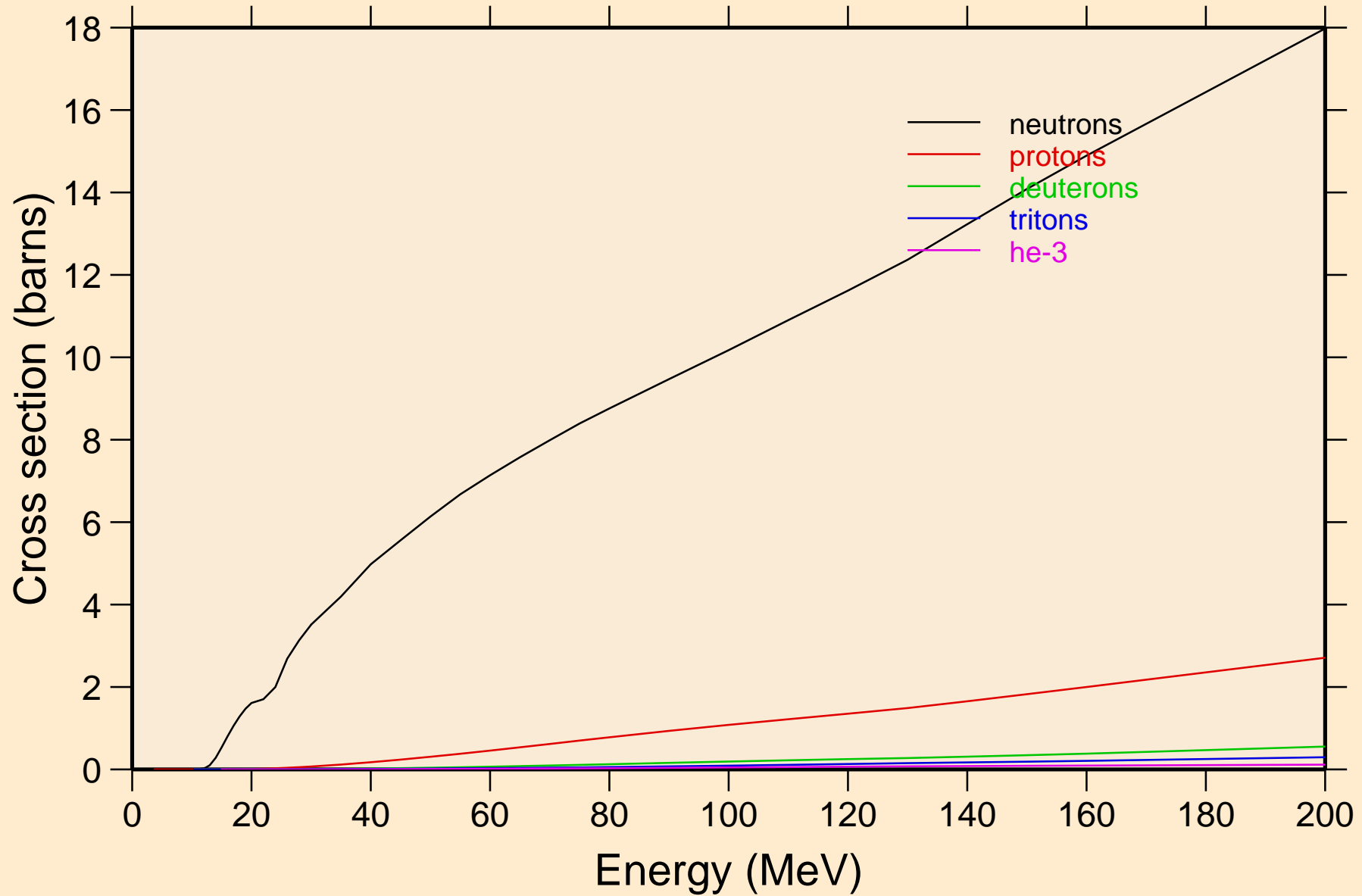
## Particle heating contributions



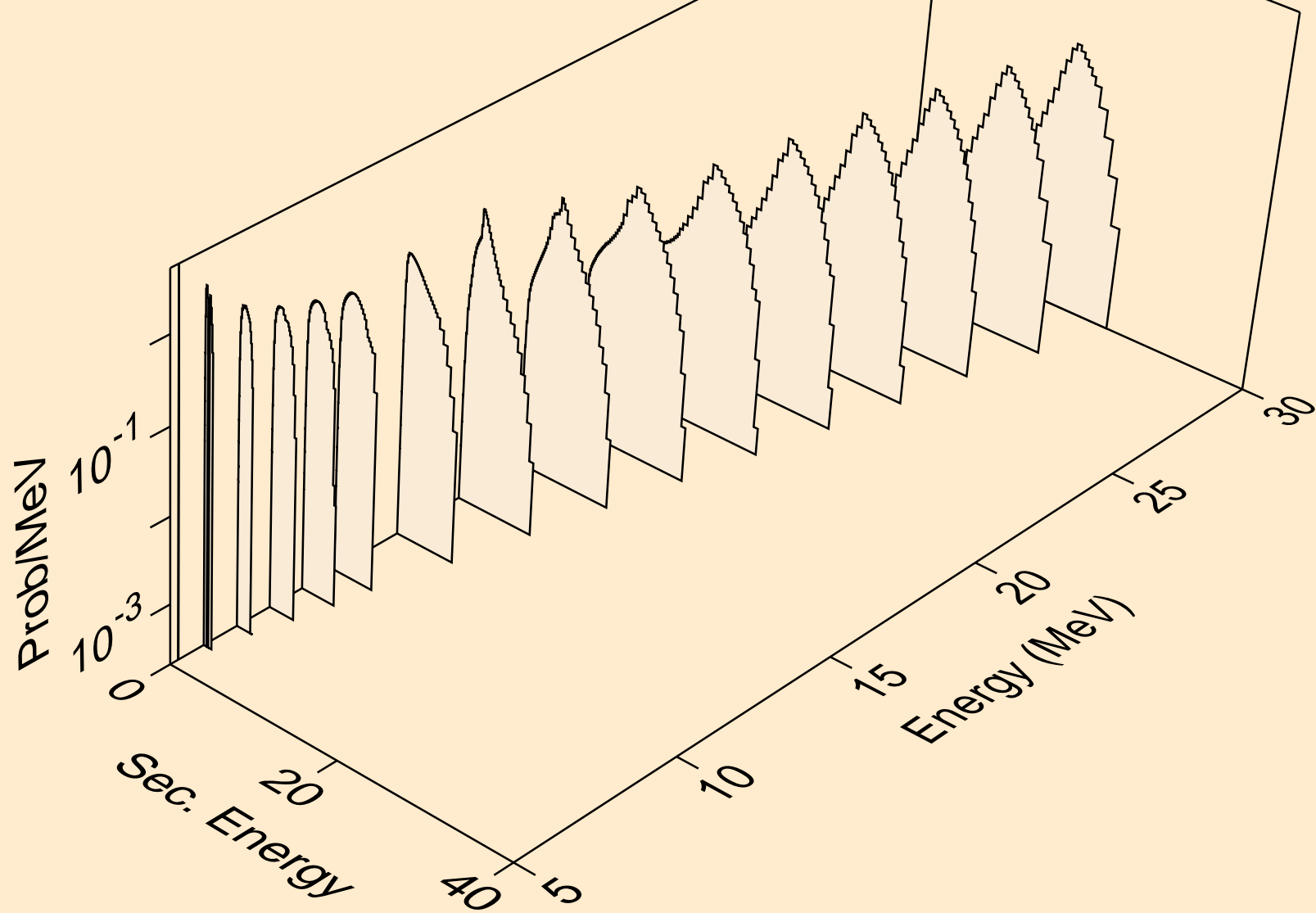
RH107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



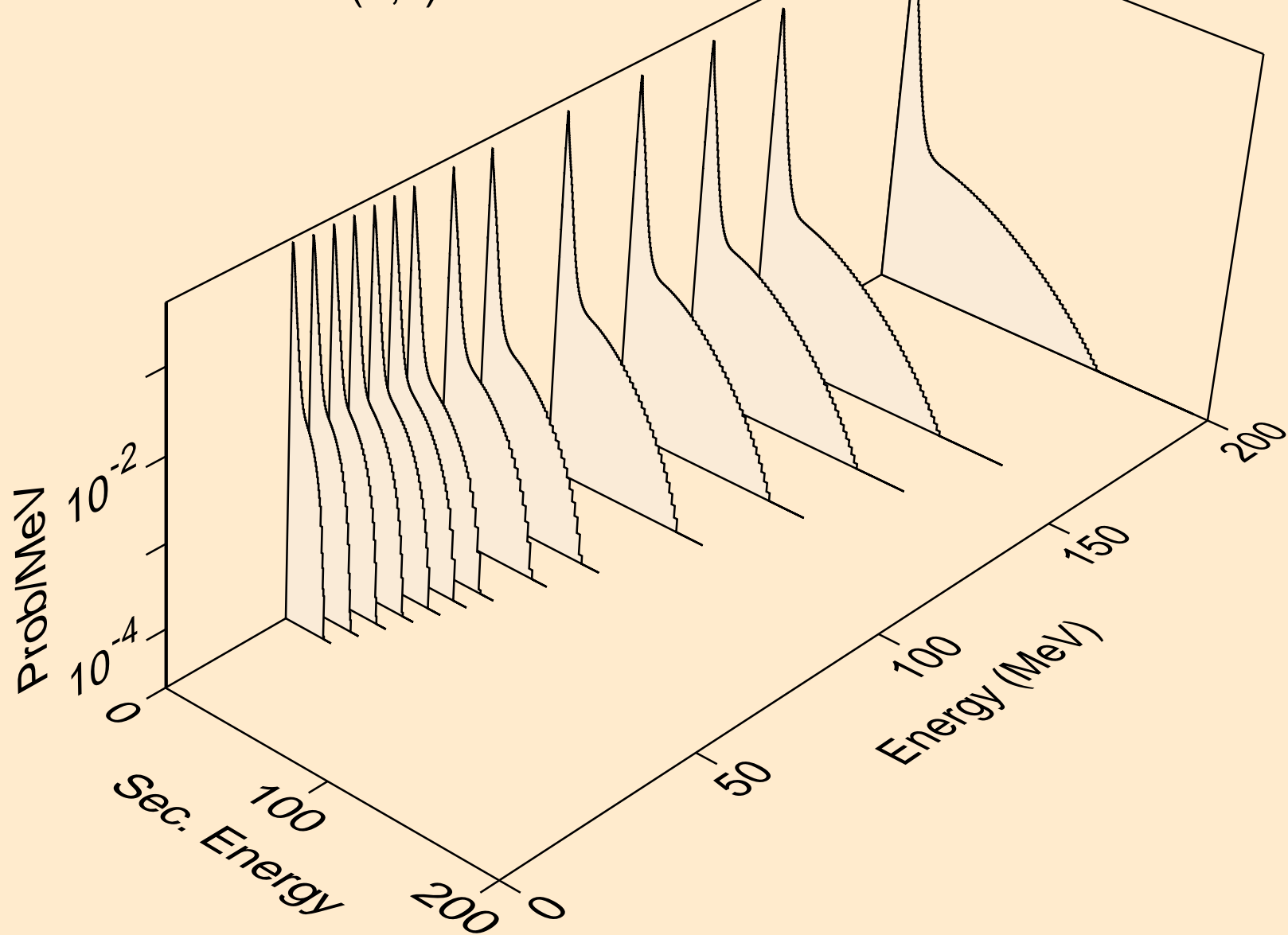
RH107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



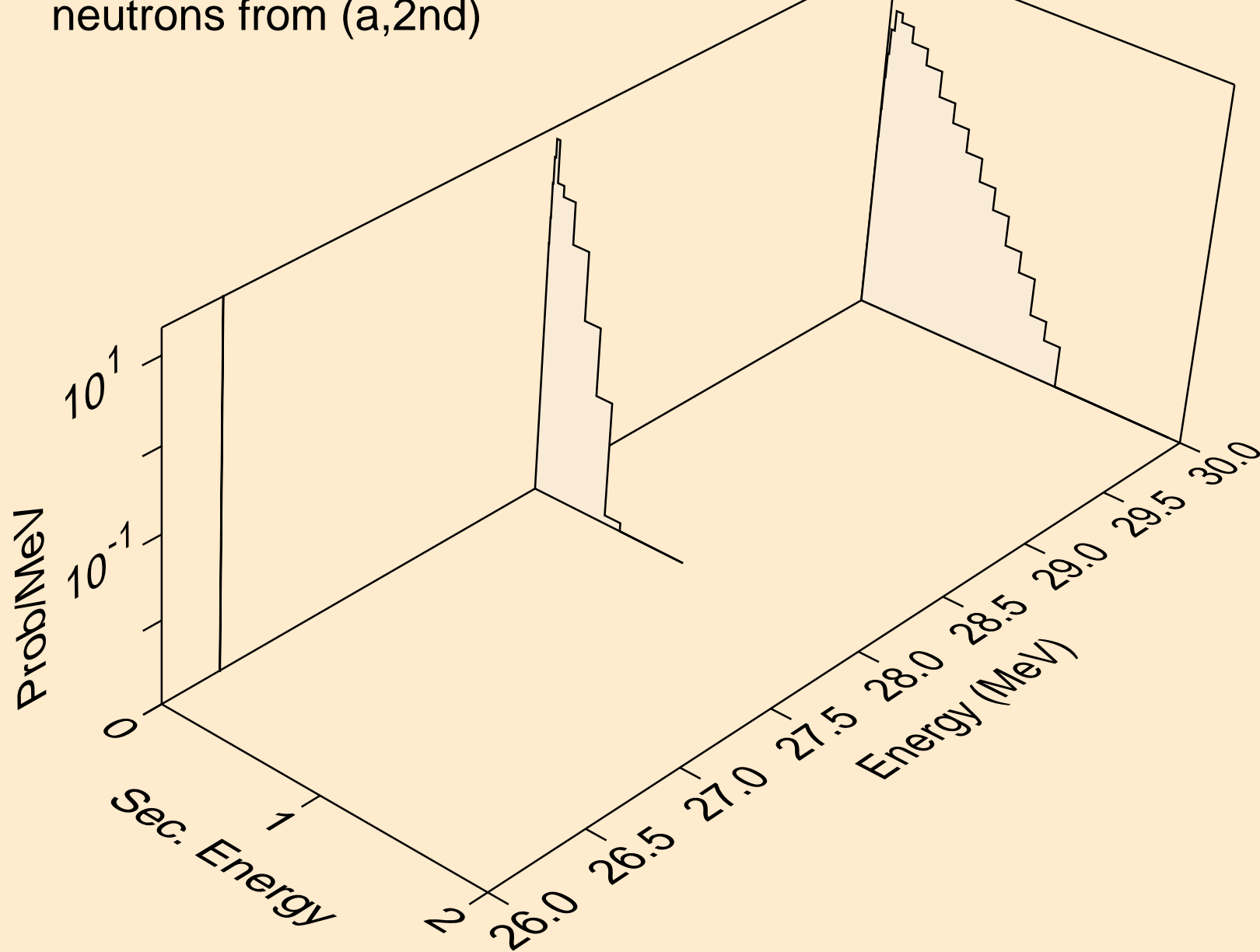
RH107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)



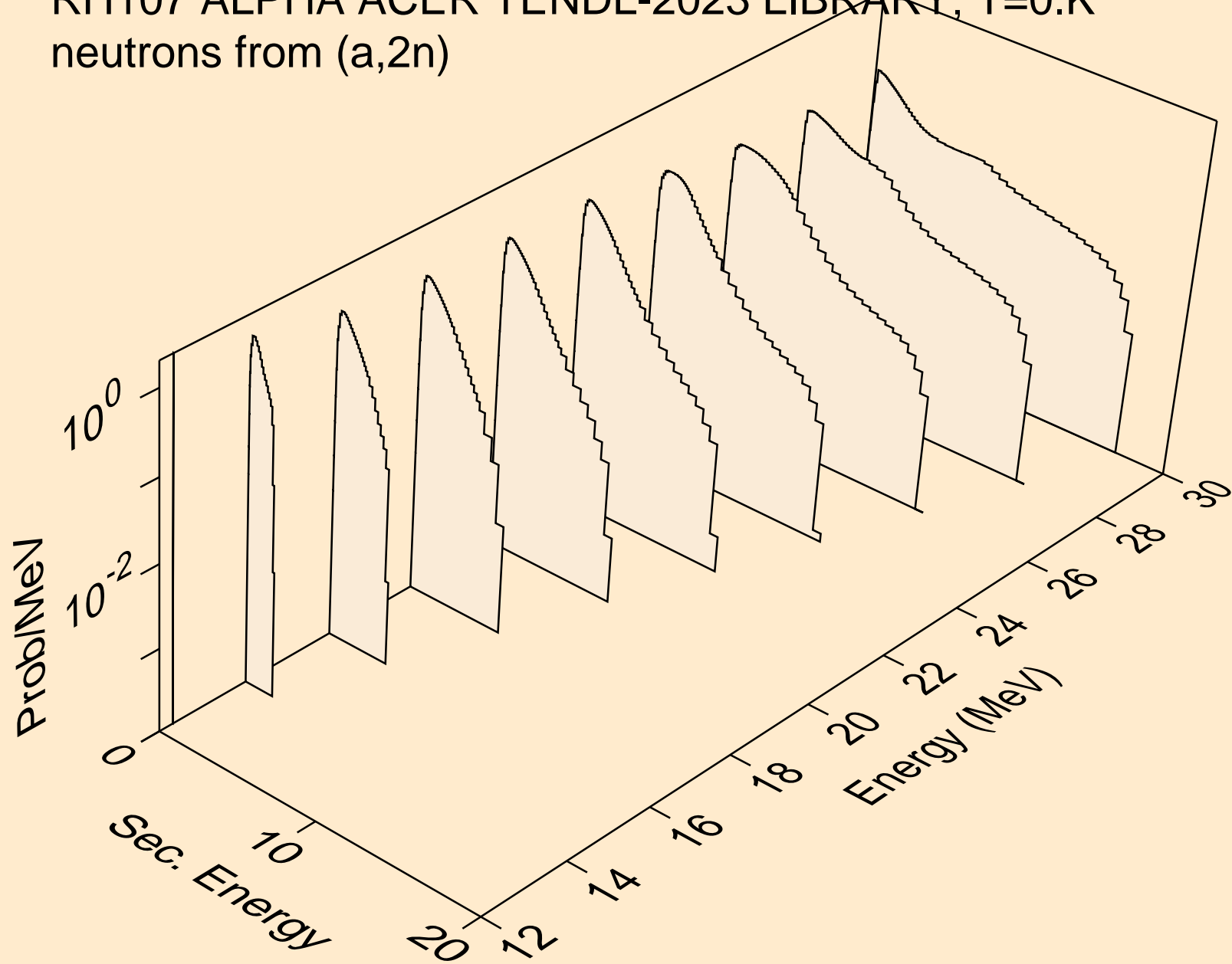
RH107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)



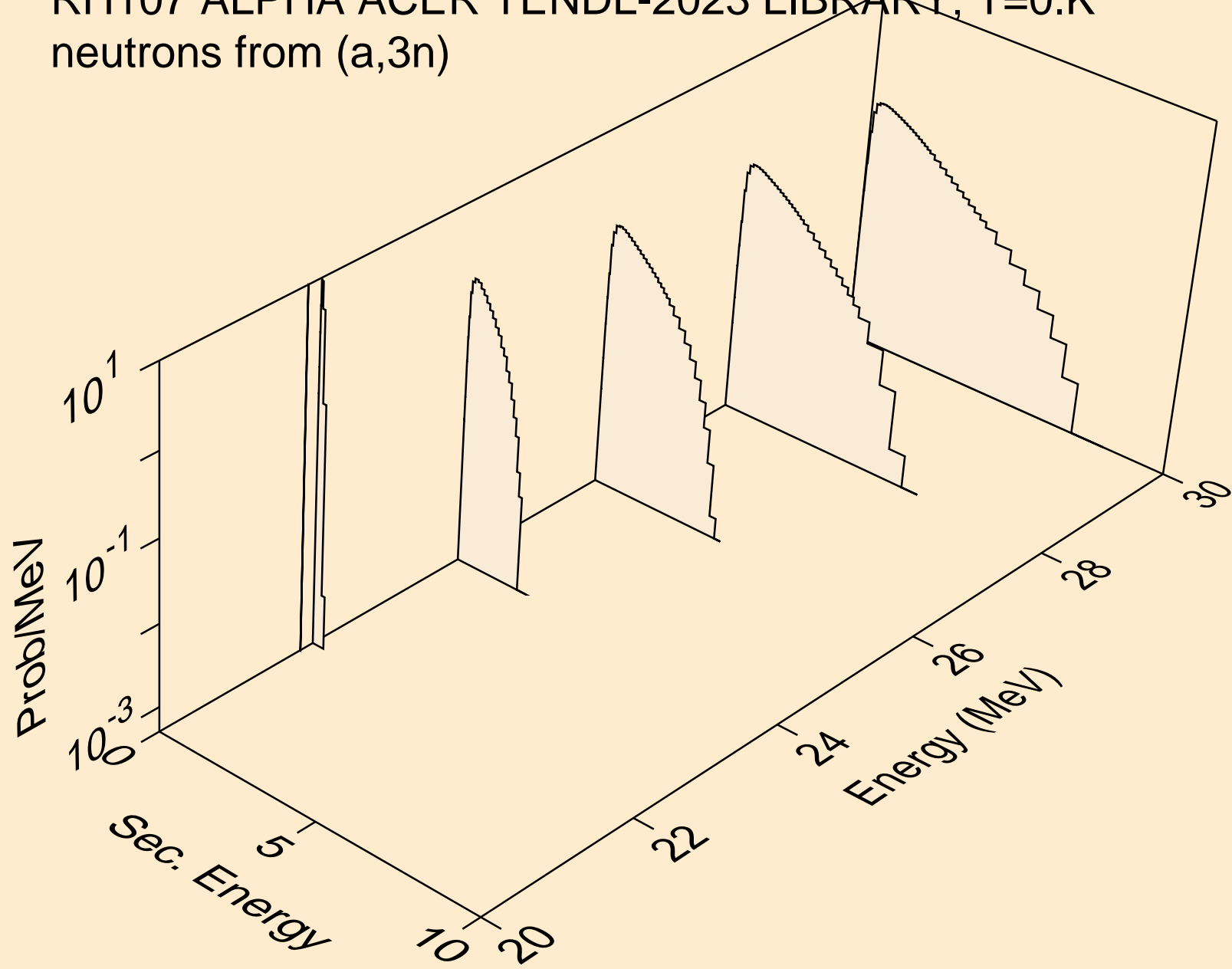
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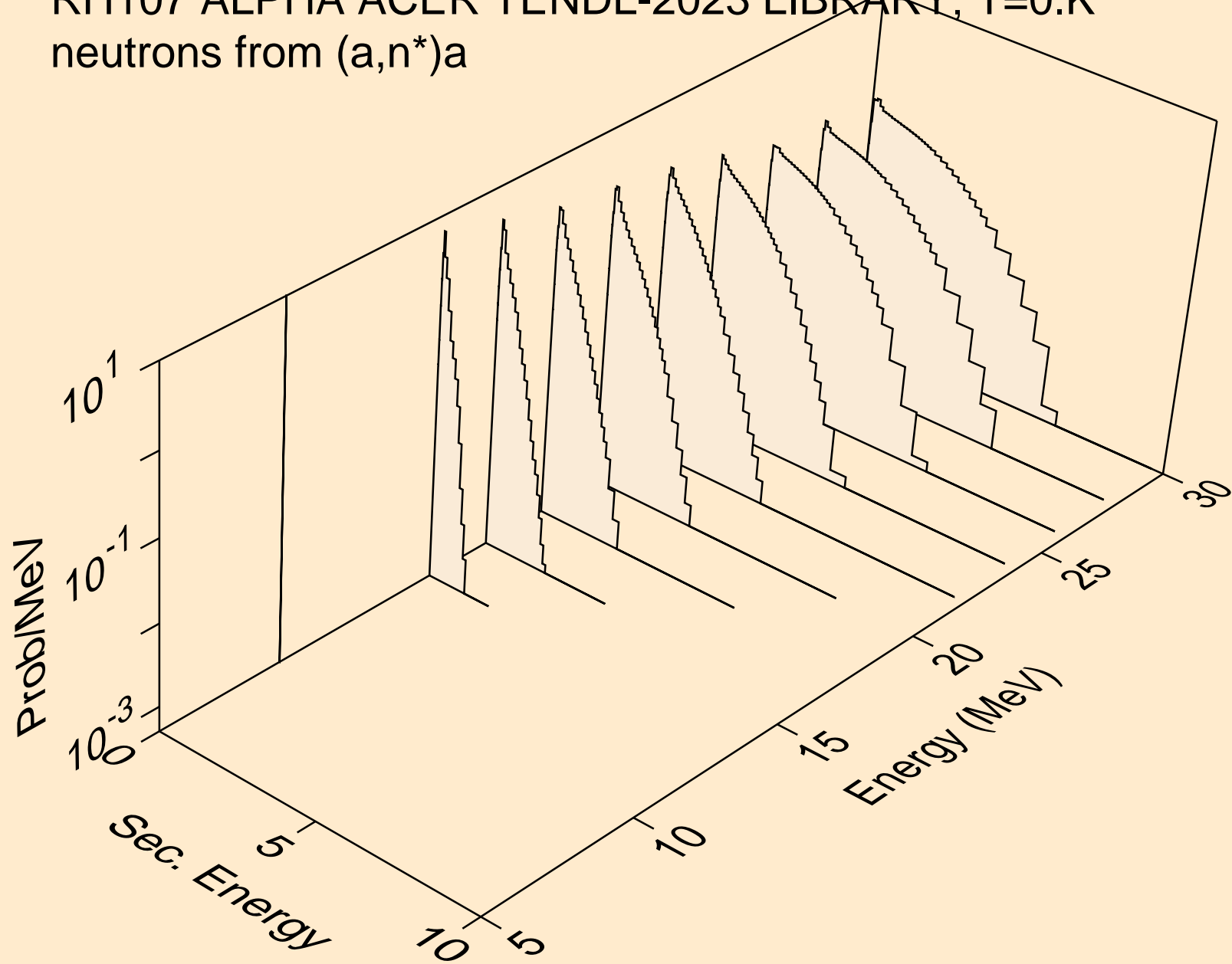
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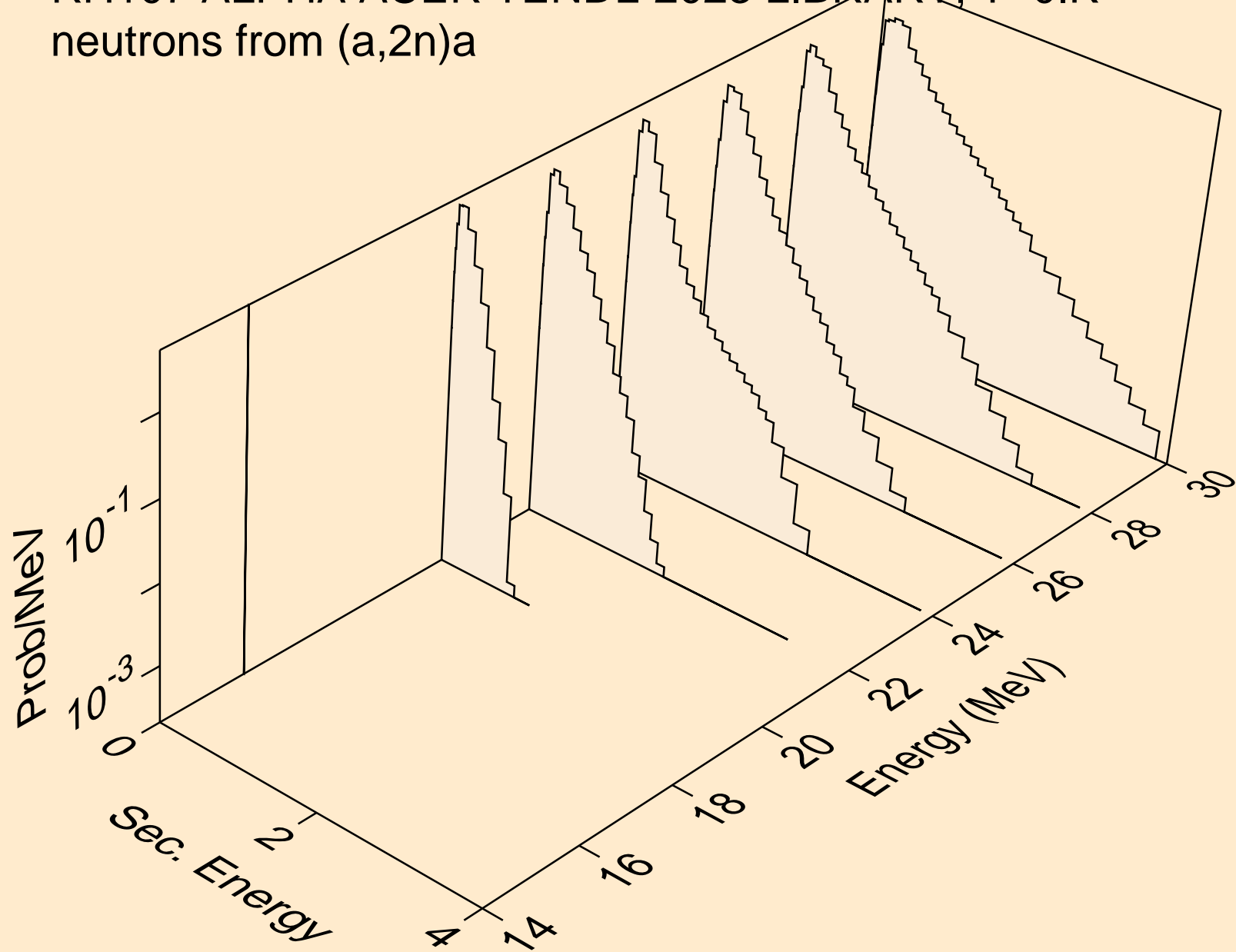
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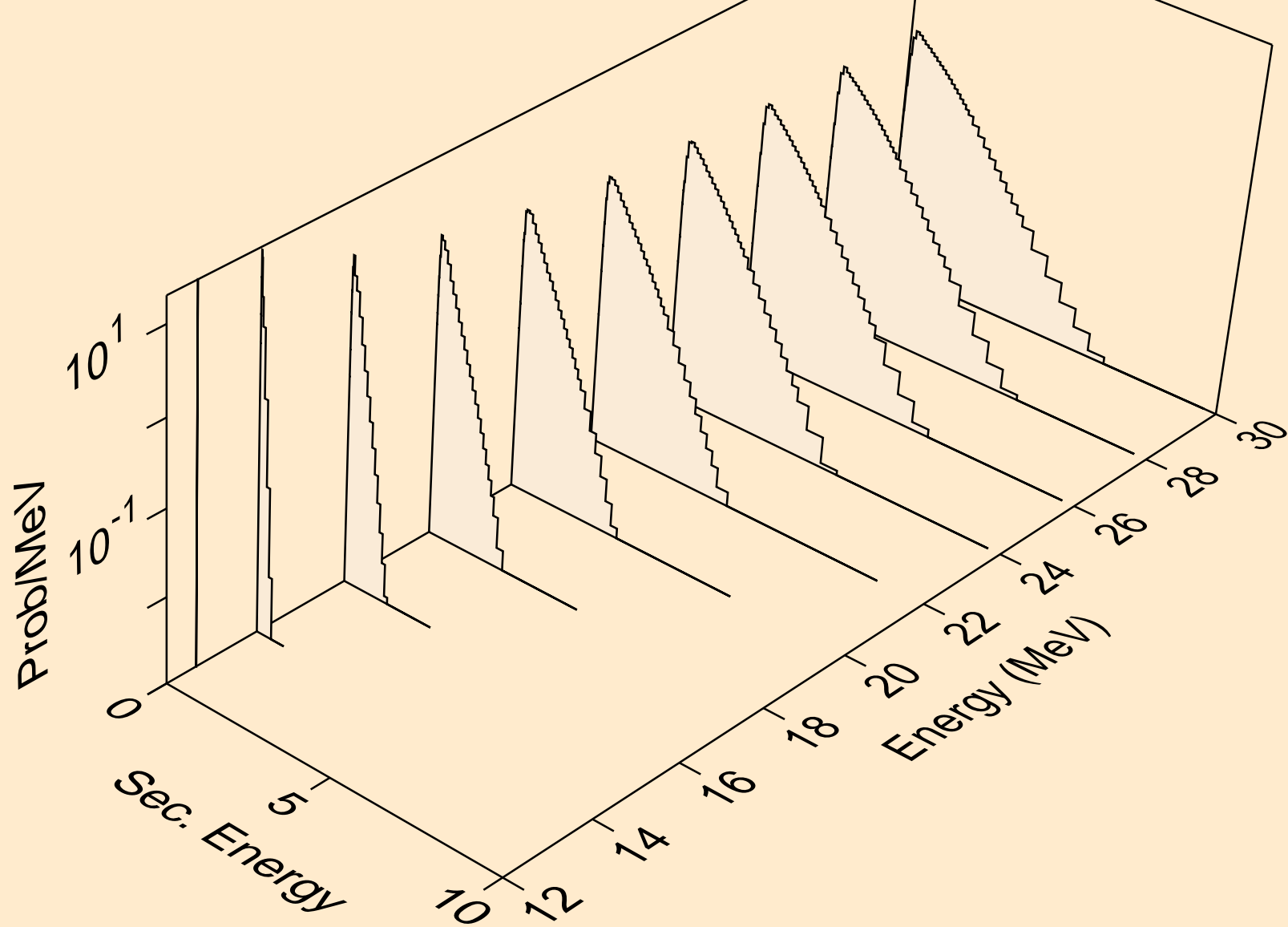
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neutrons from (a,n\*)a



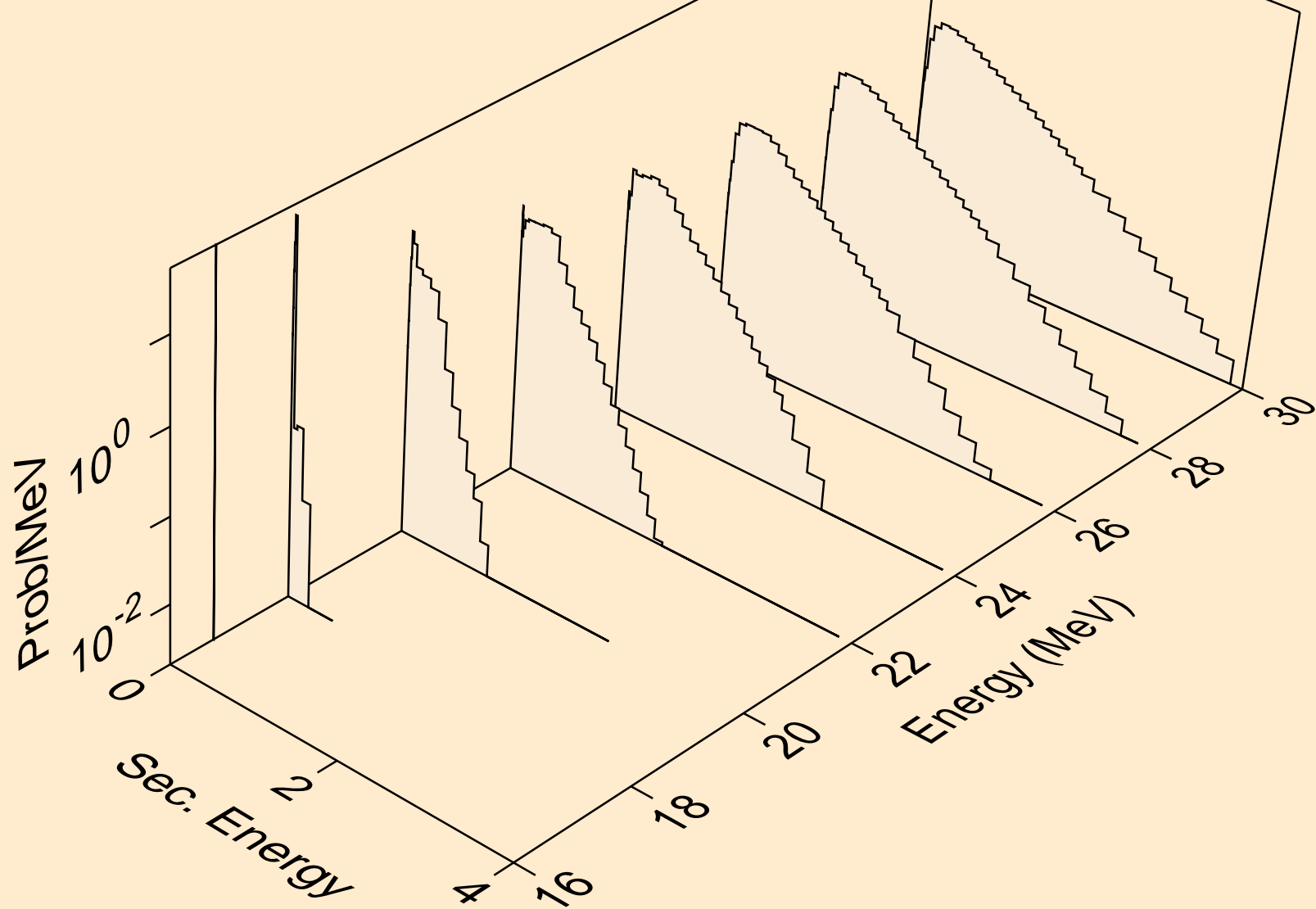
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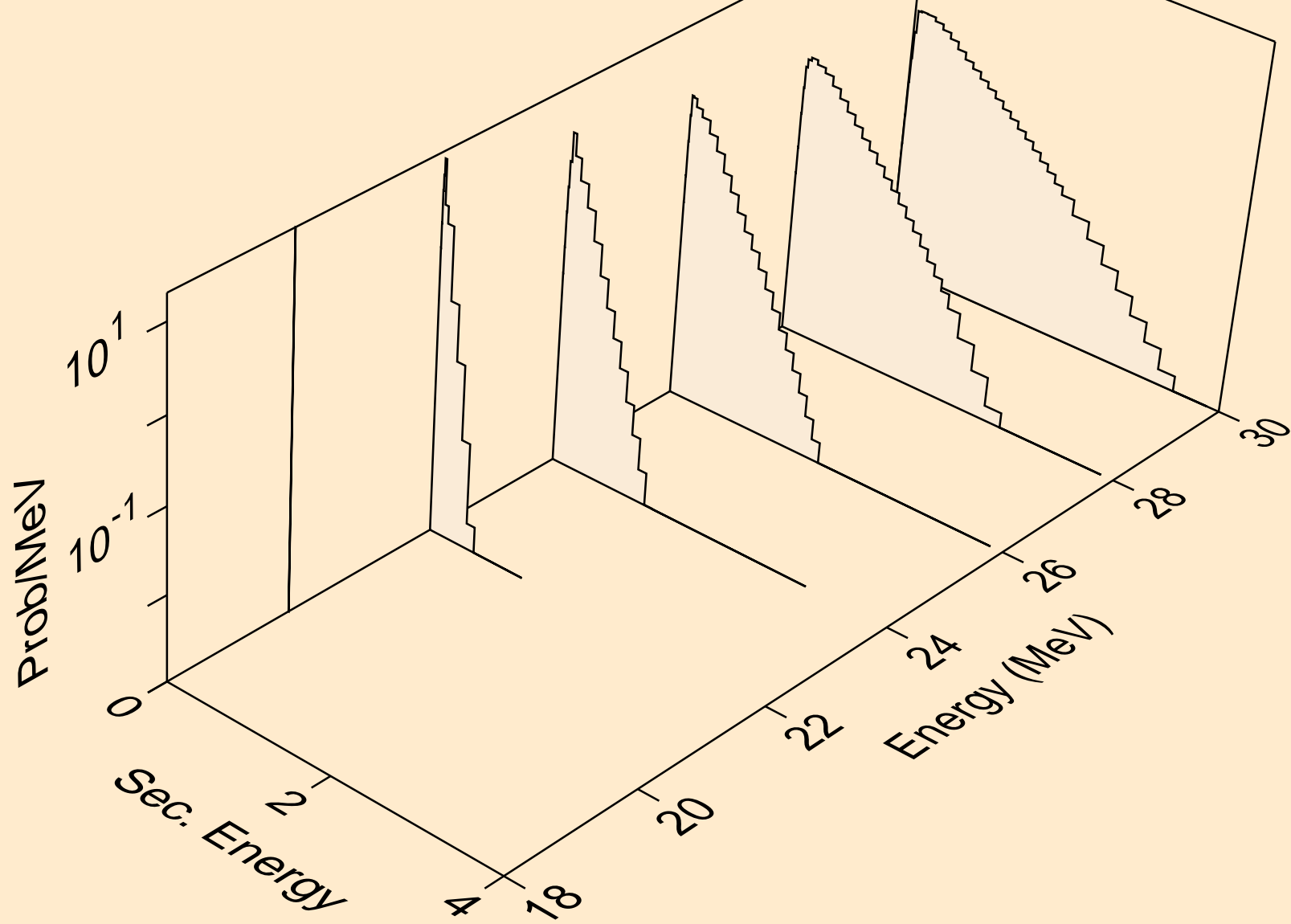
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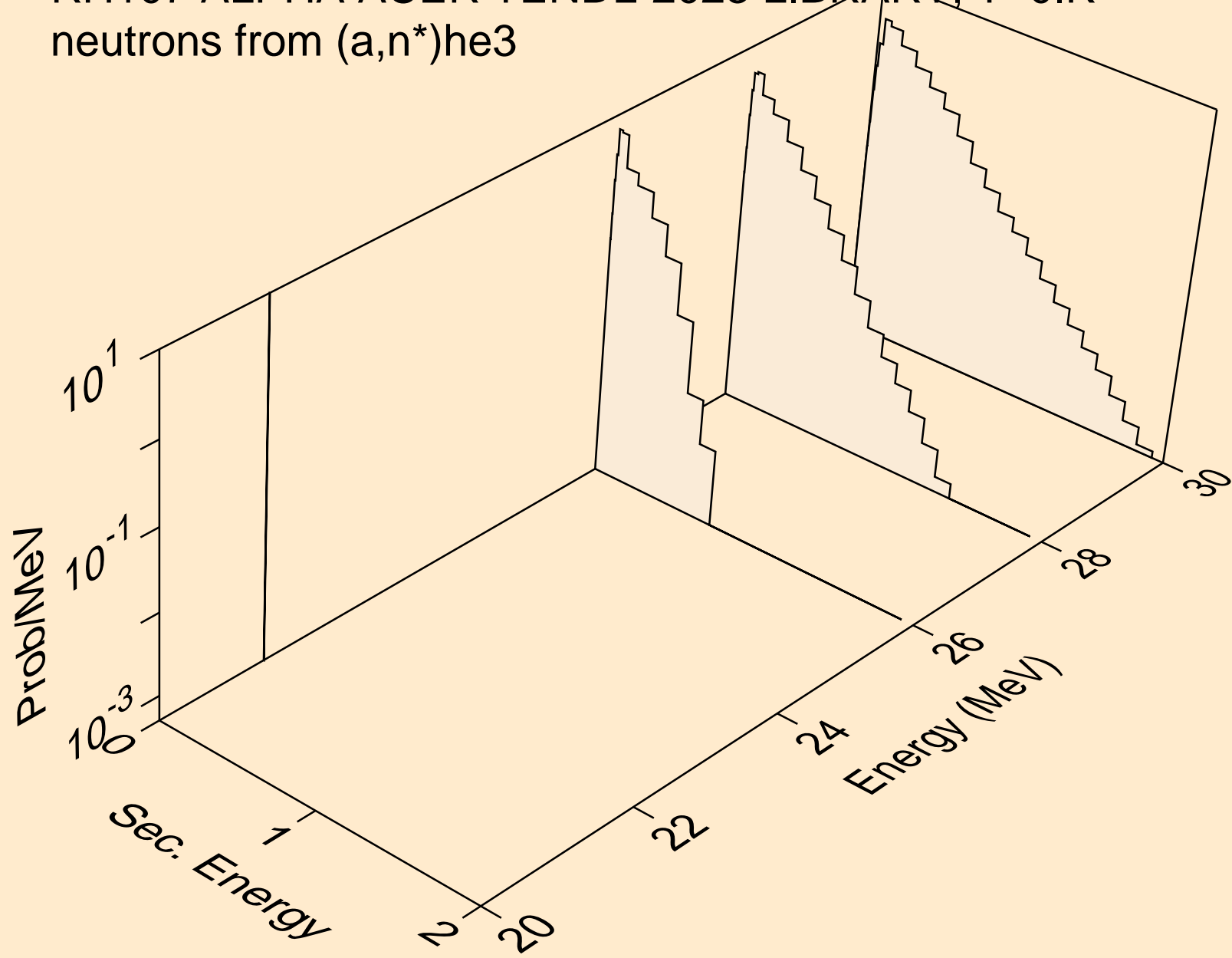
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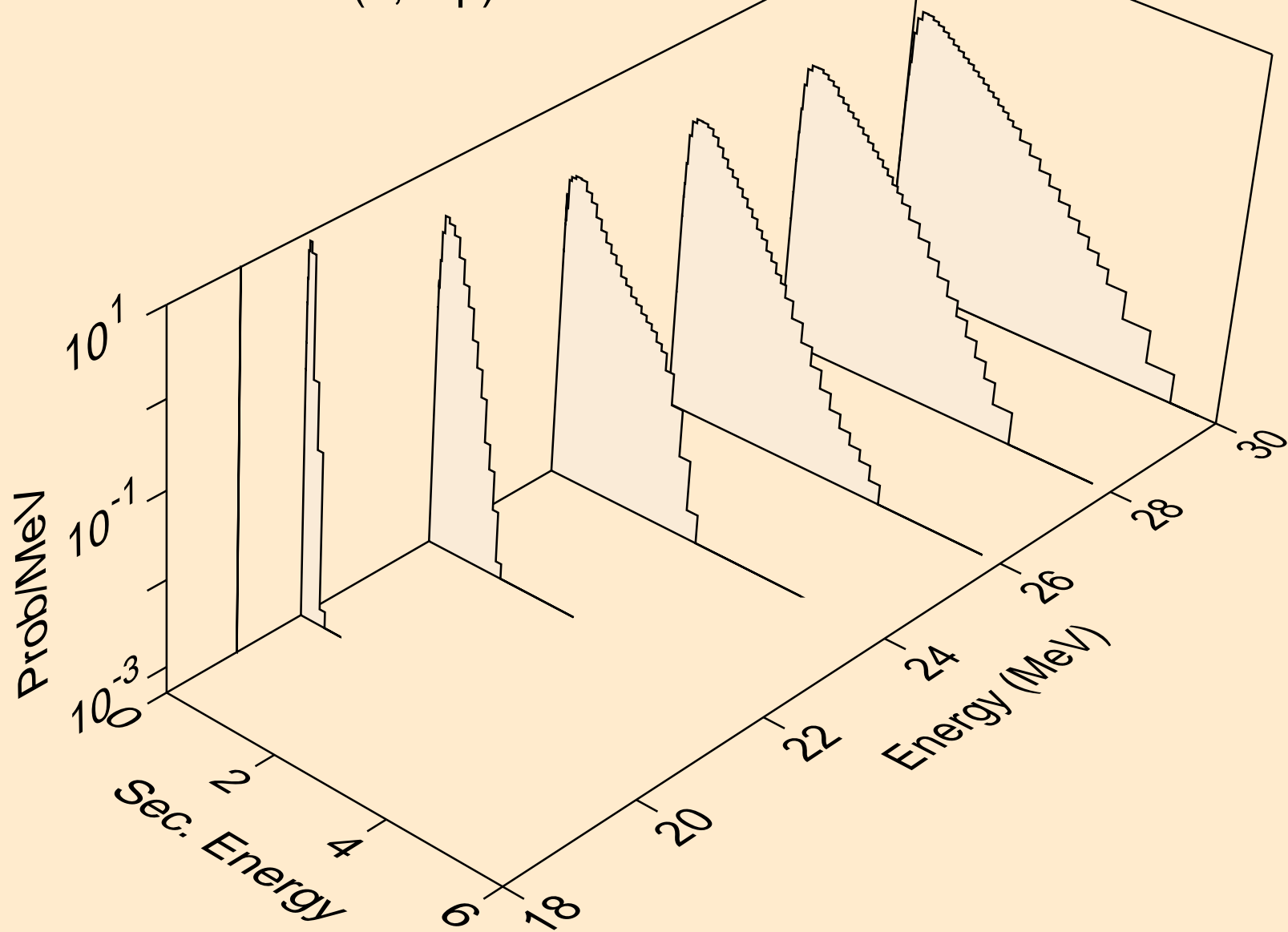
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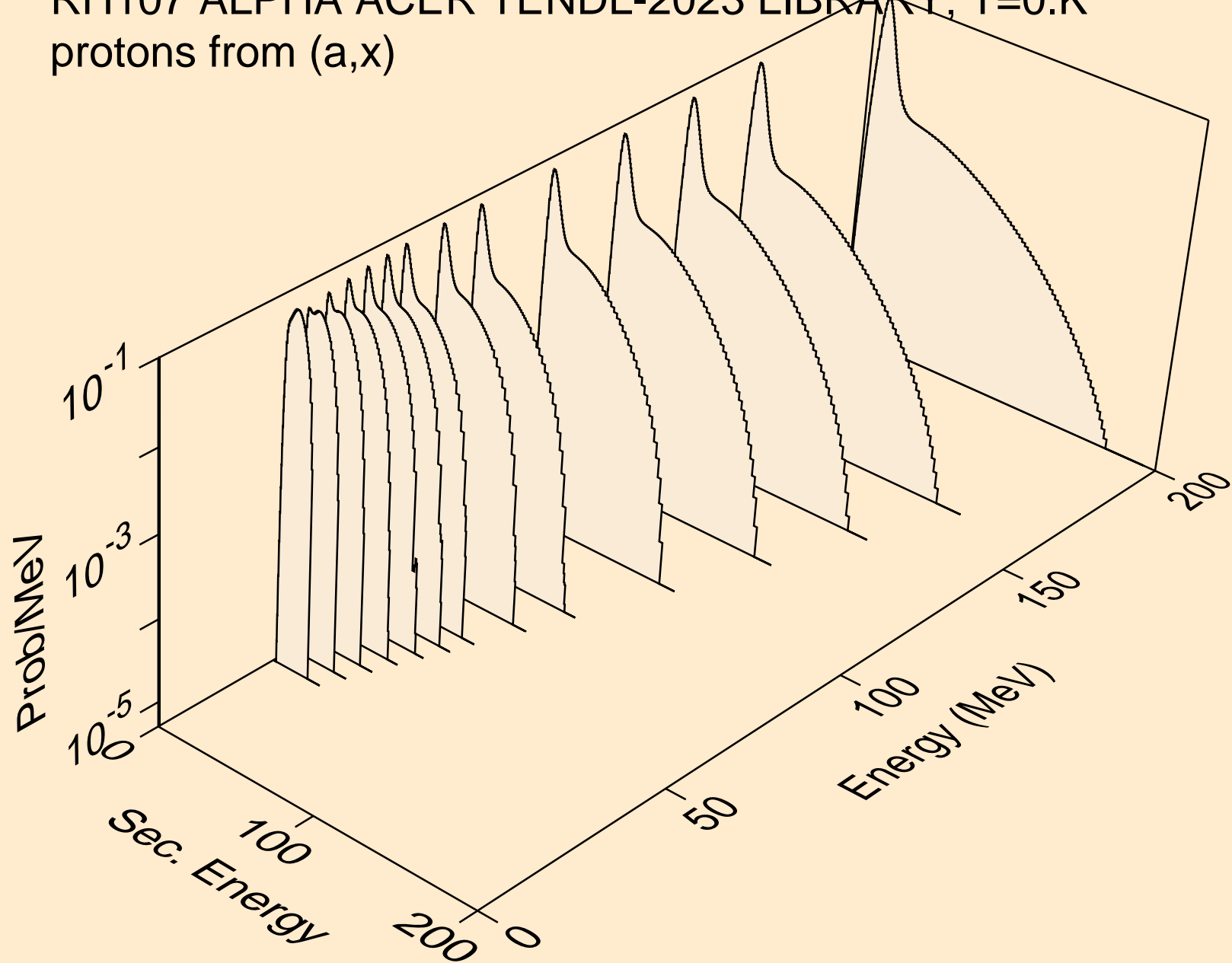
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neutrons from (a,n\*)he3



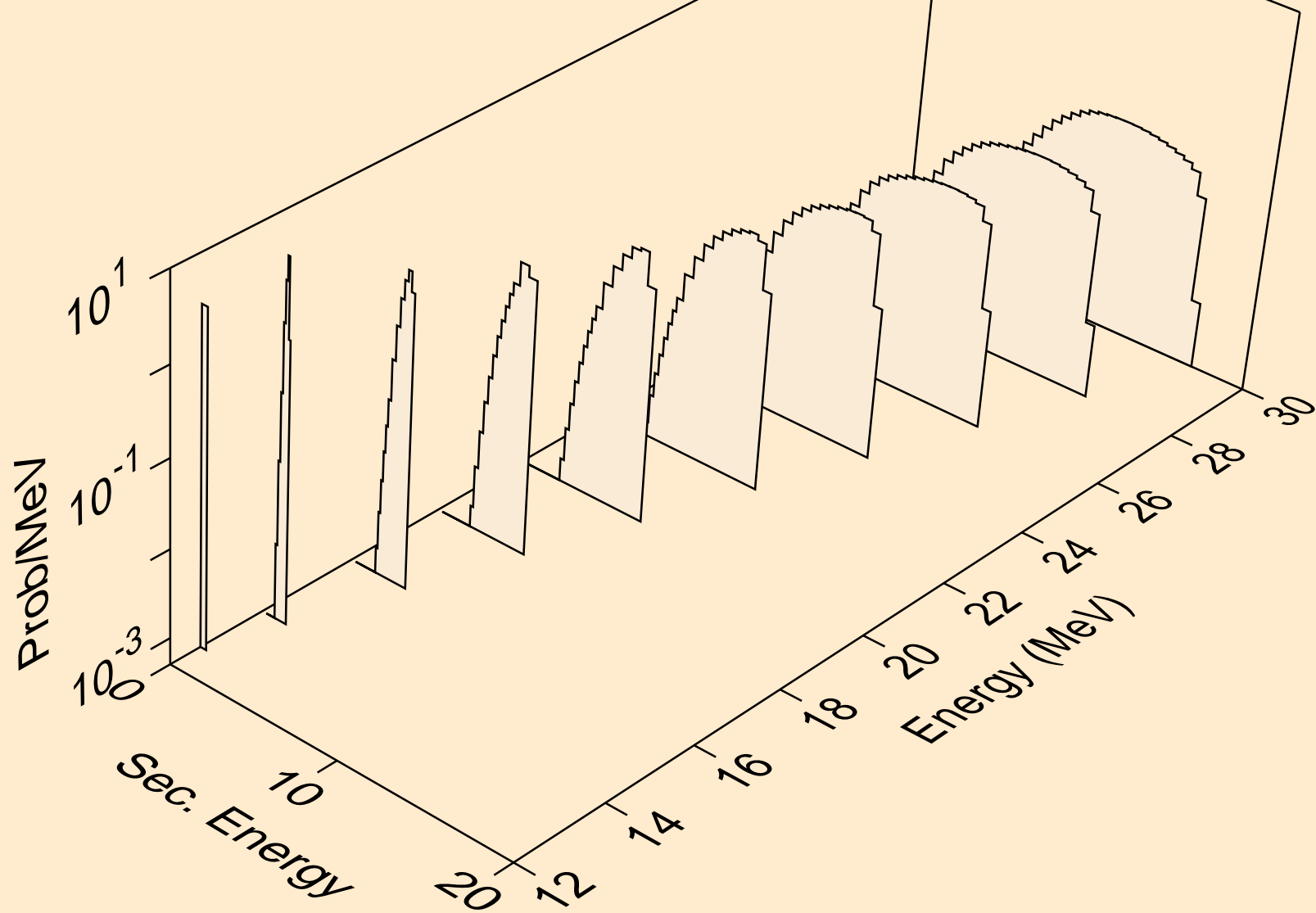
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neutrons from (a,2np)



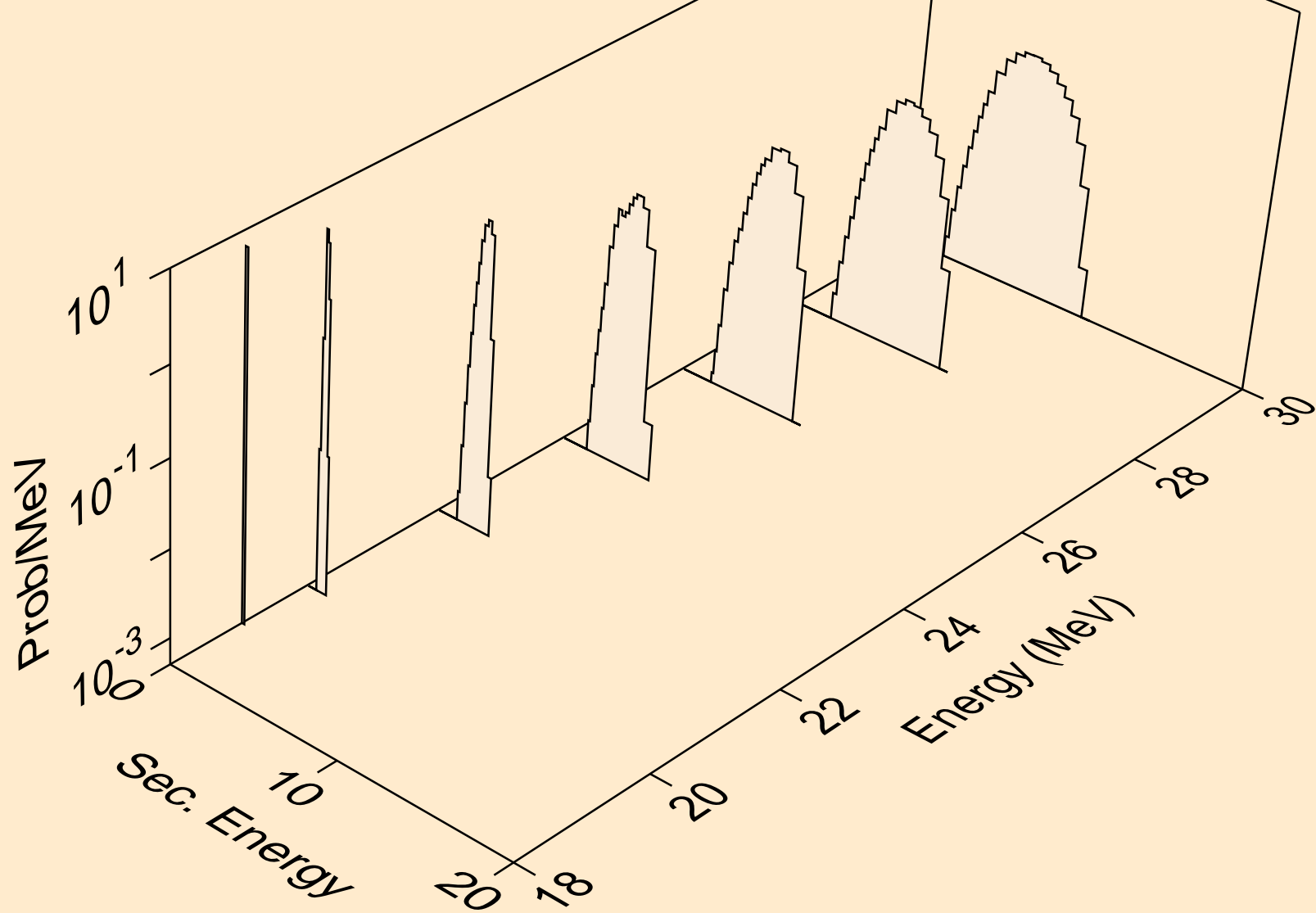
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protons from (a,x)



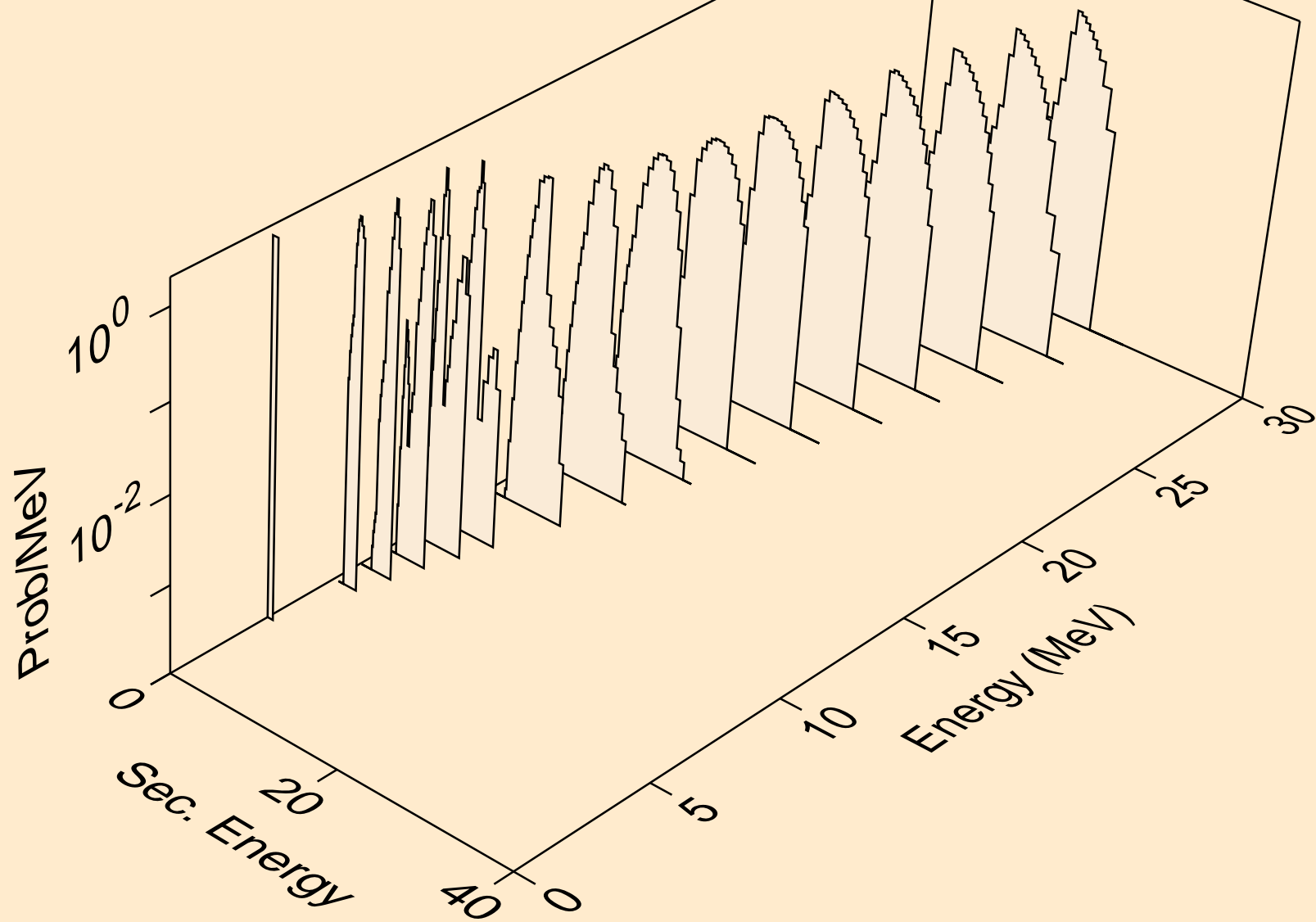
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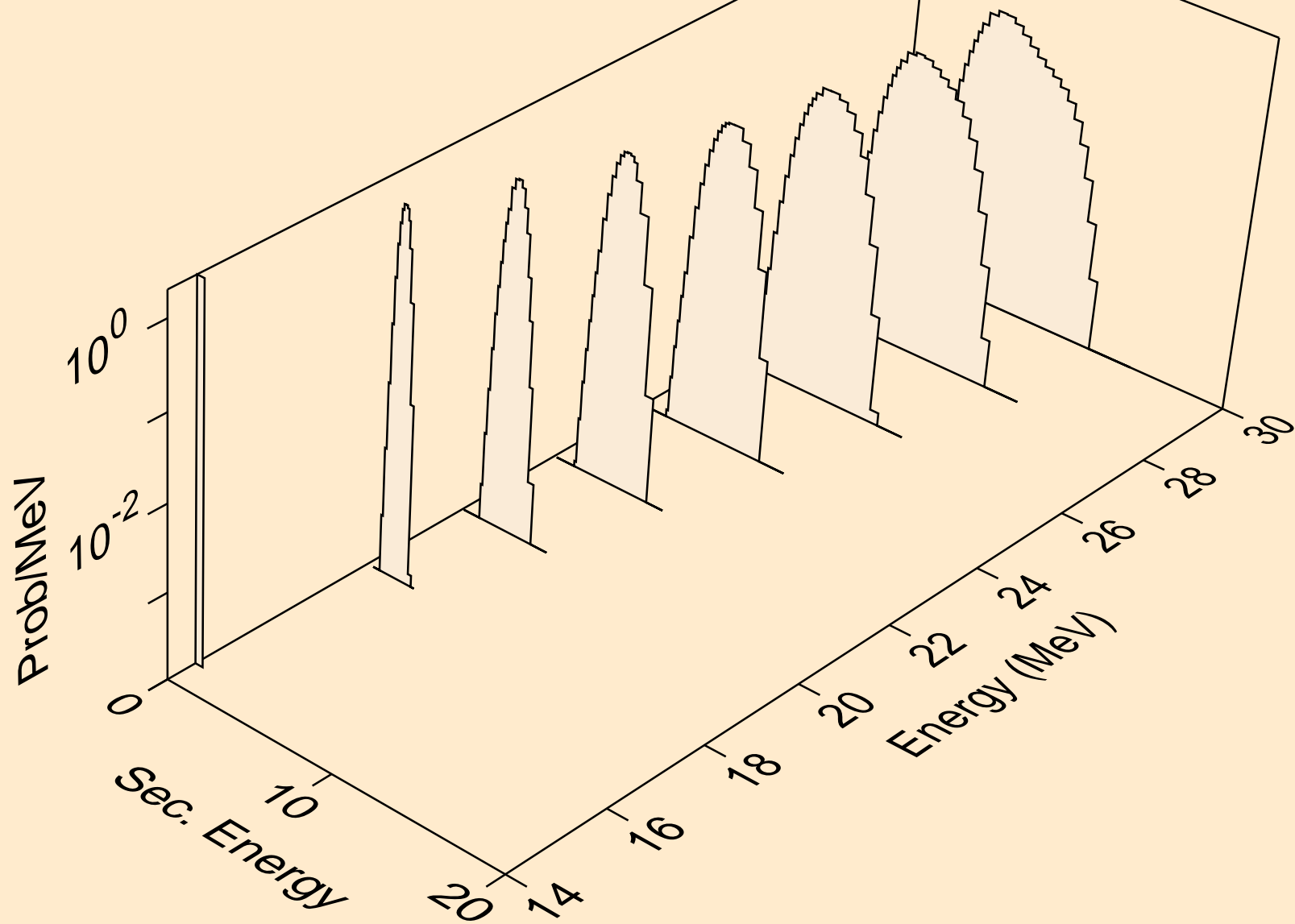
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protons from (a,2np)



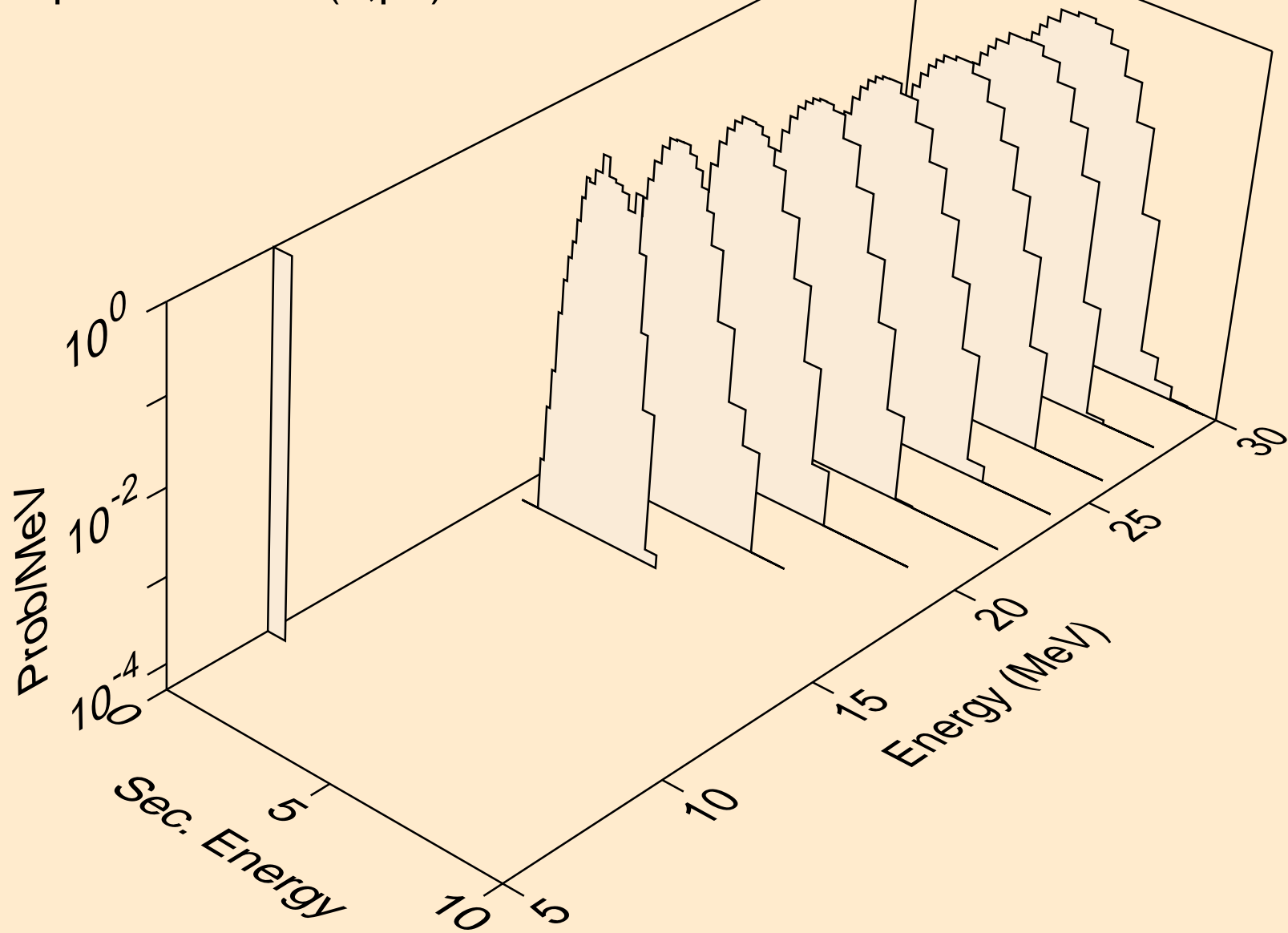
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protons from (a,p)



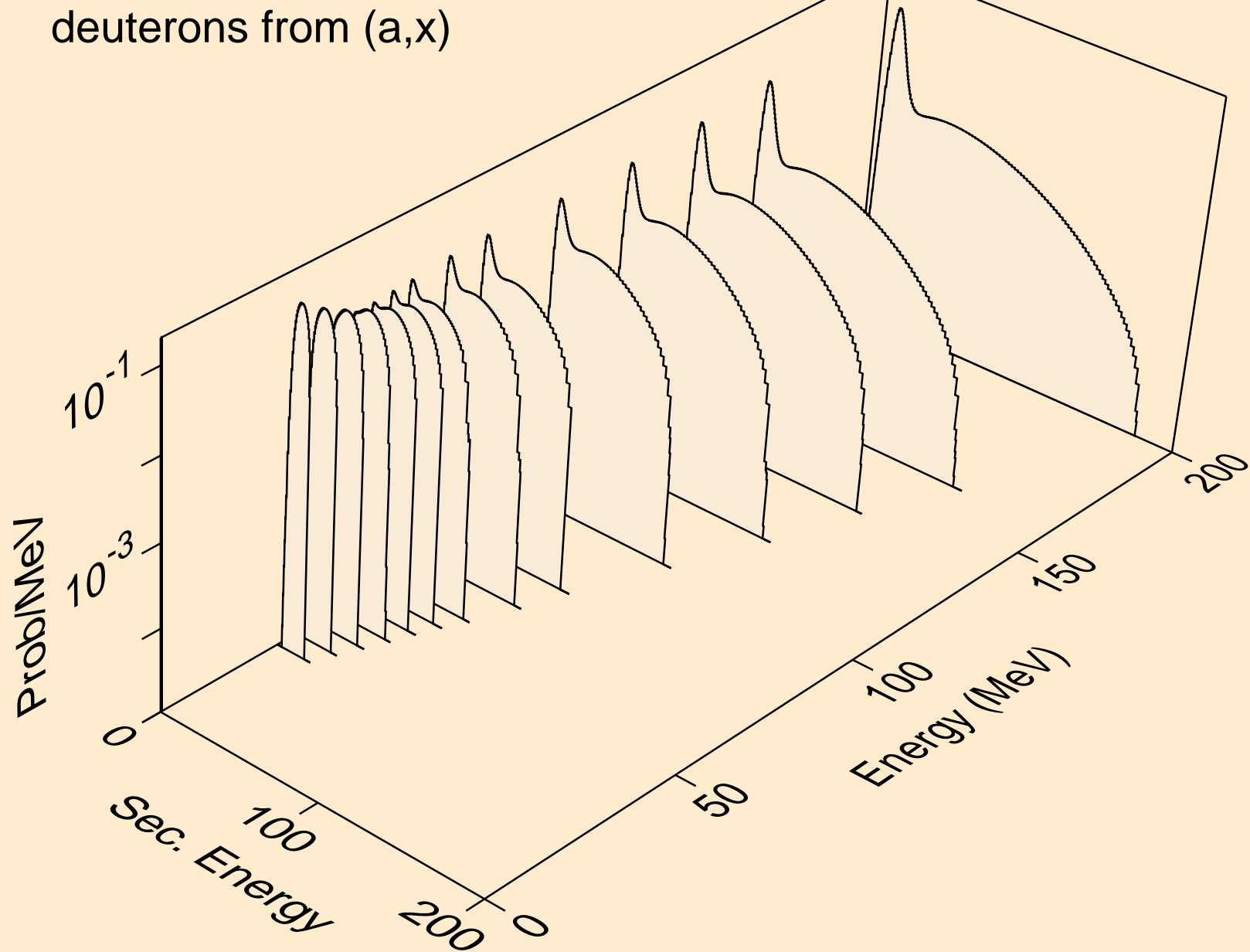
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protons from (a,2p)



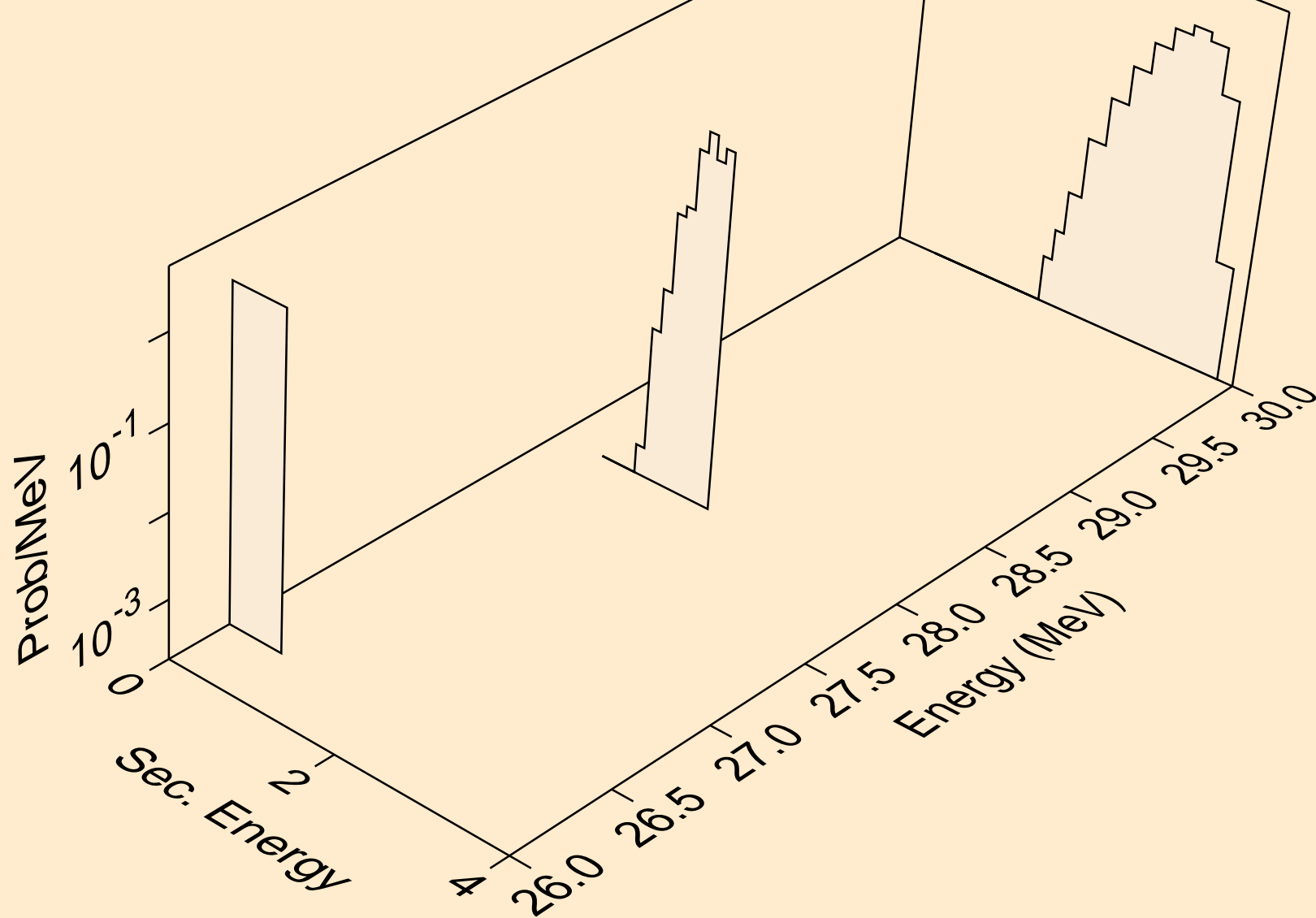
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protons from (a,pa)



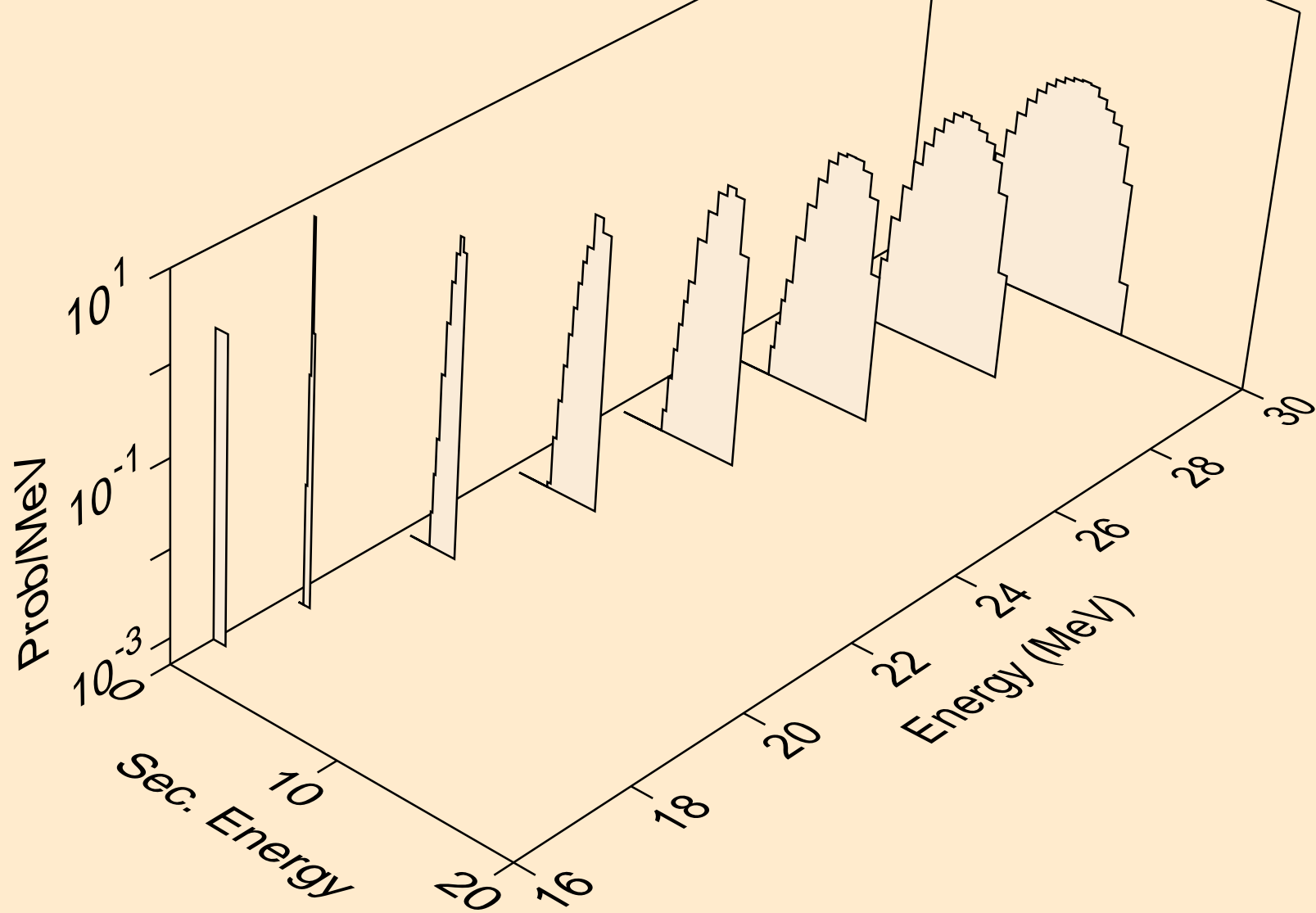
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deuterons from (a,x)



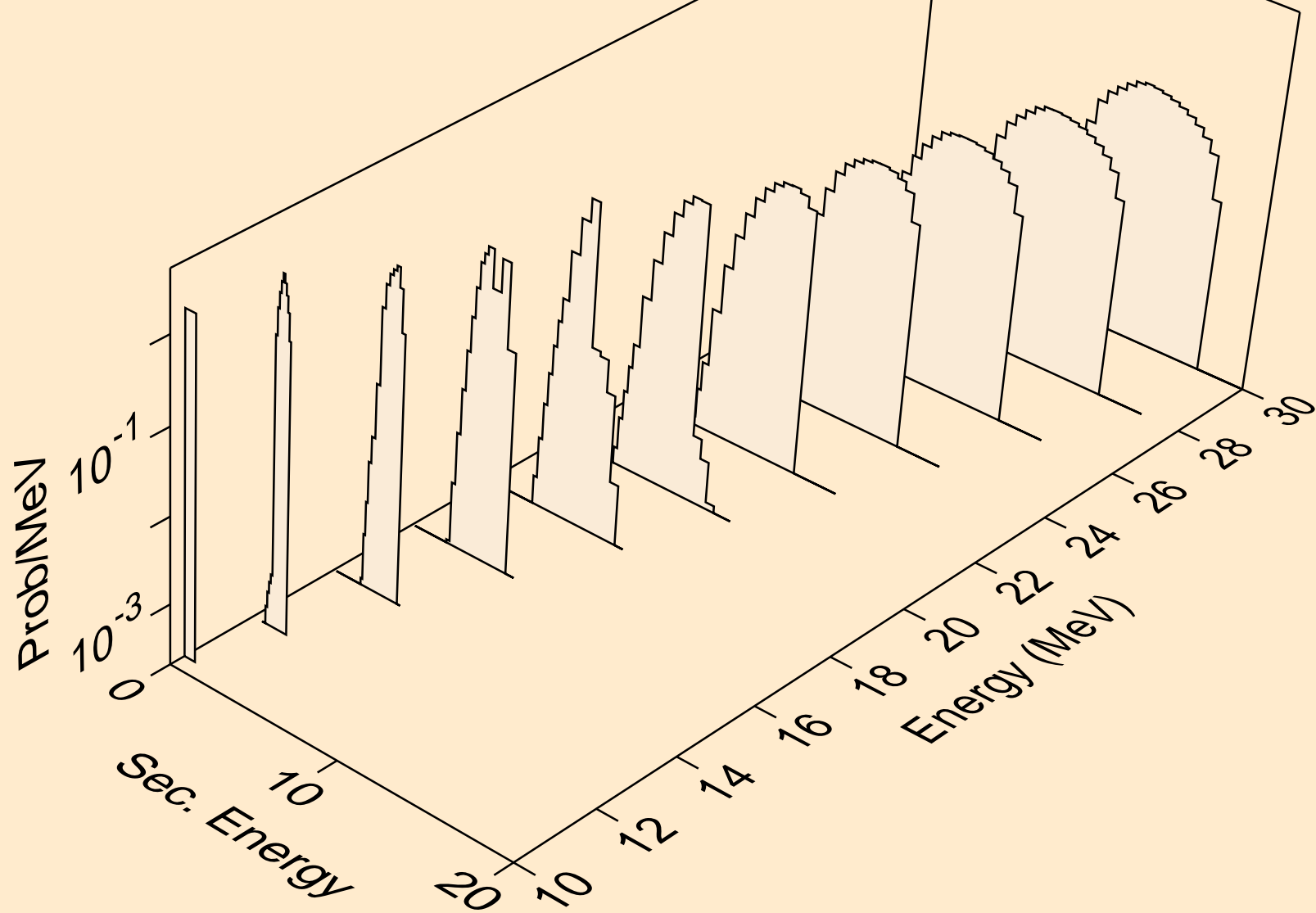
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deuterons from (a,2nd)



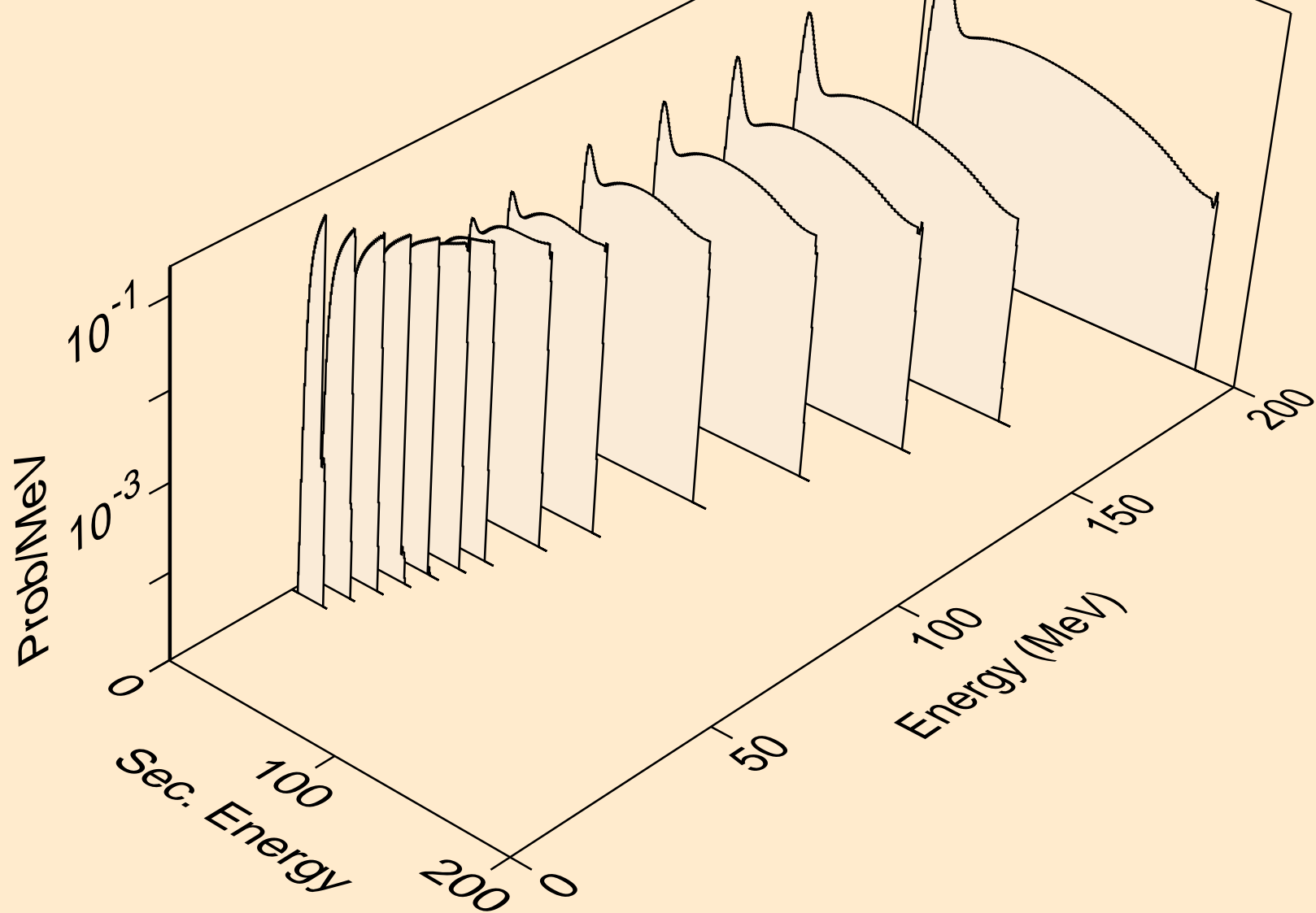
RH107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,n\*)d



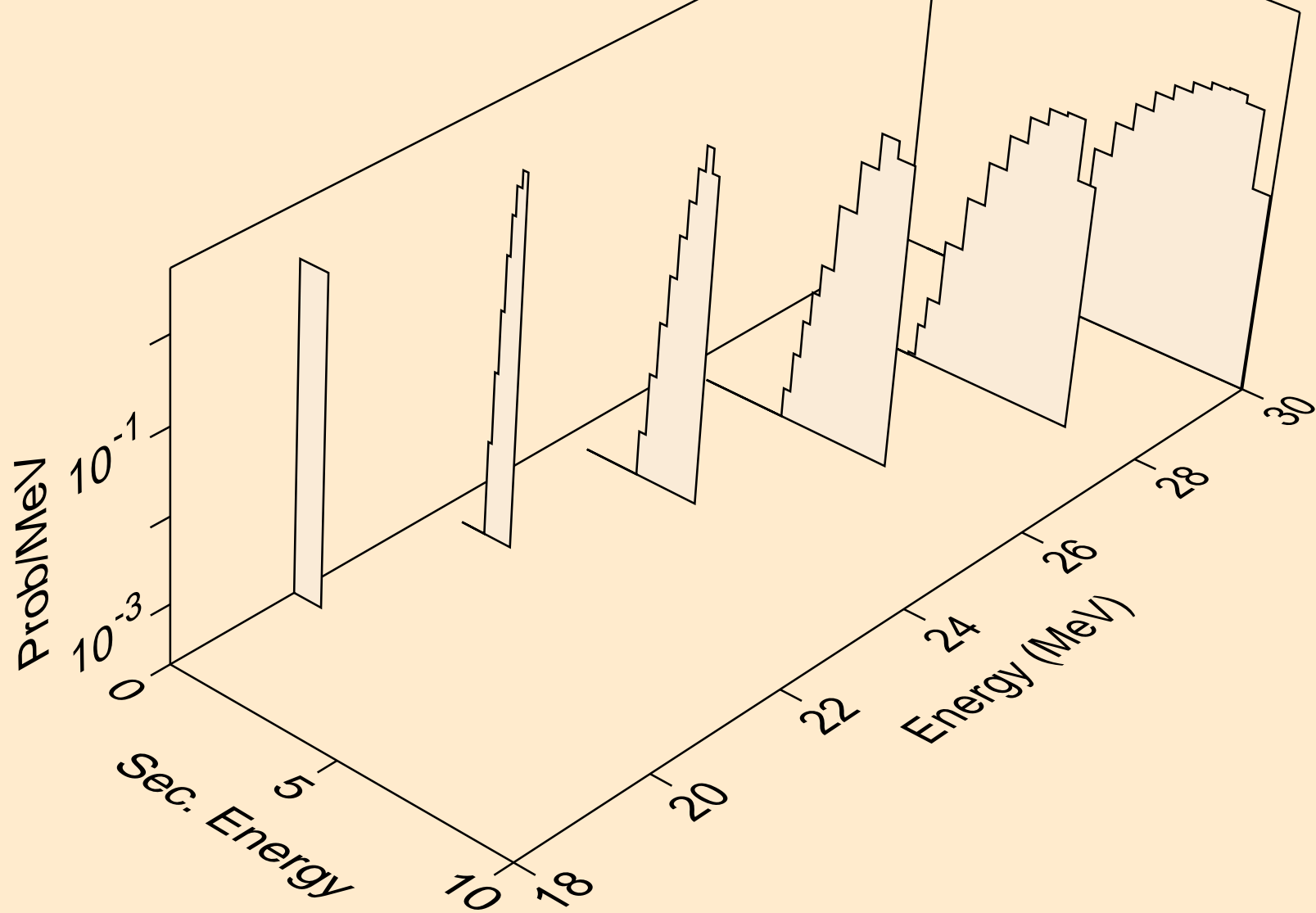
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deuterons from (a,d)



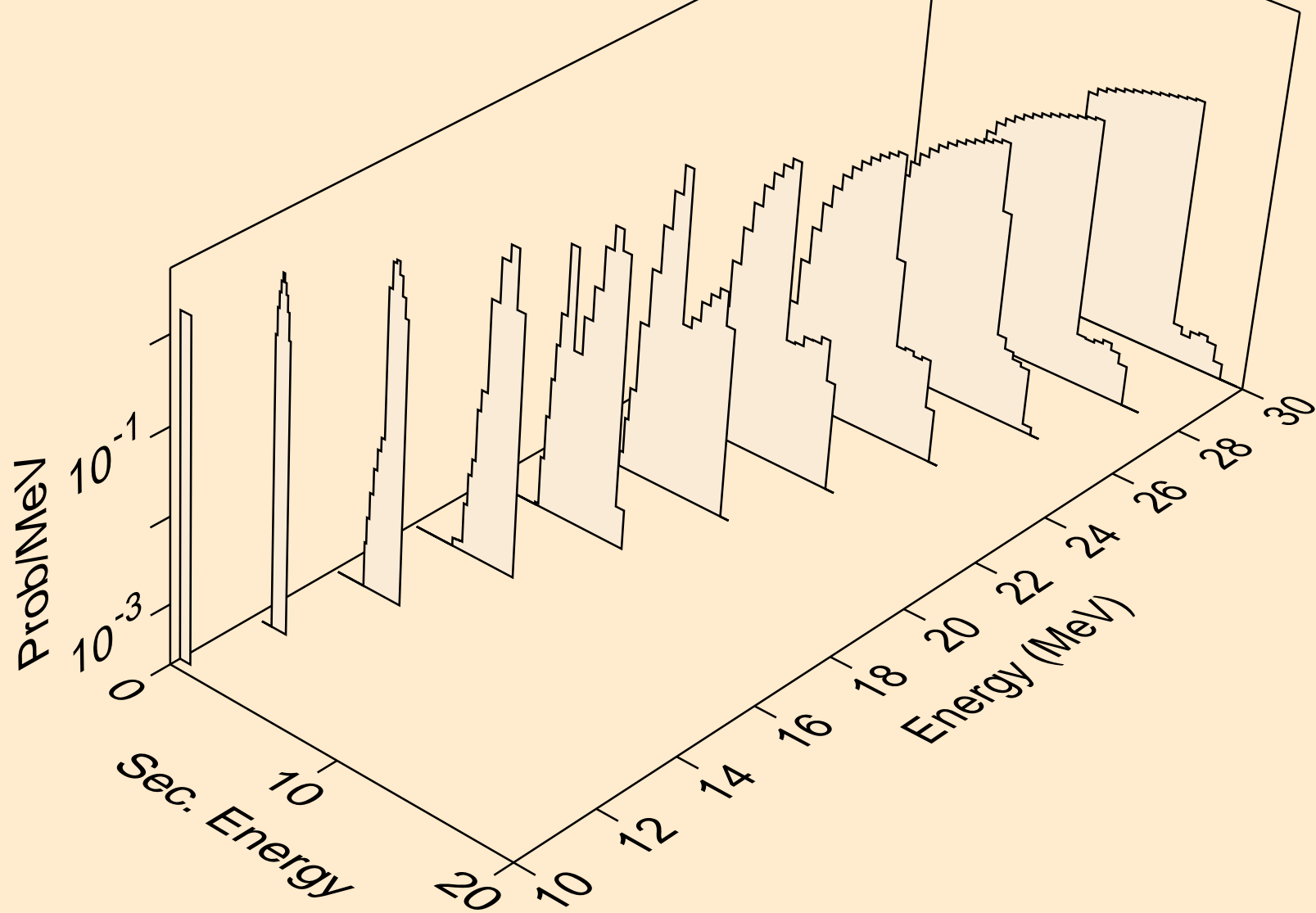
RH107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)



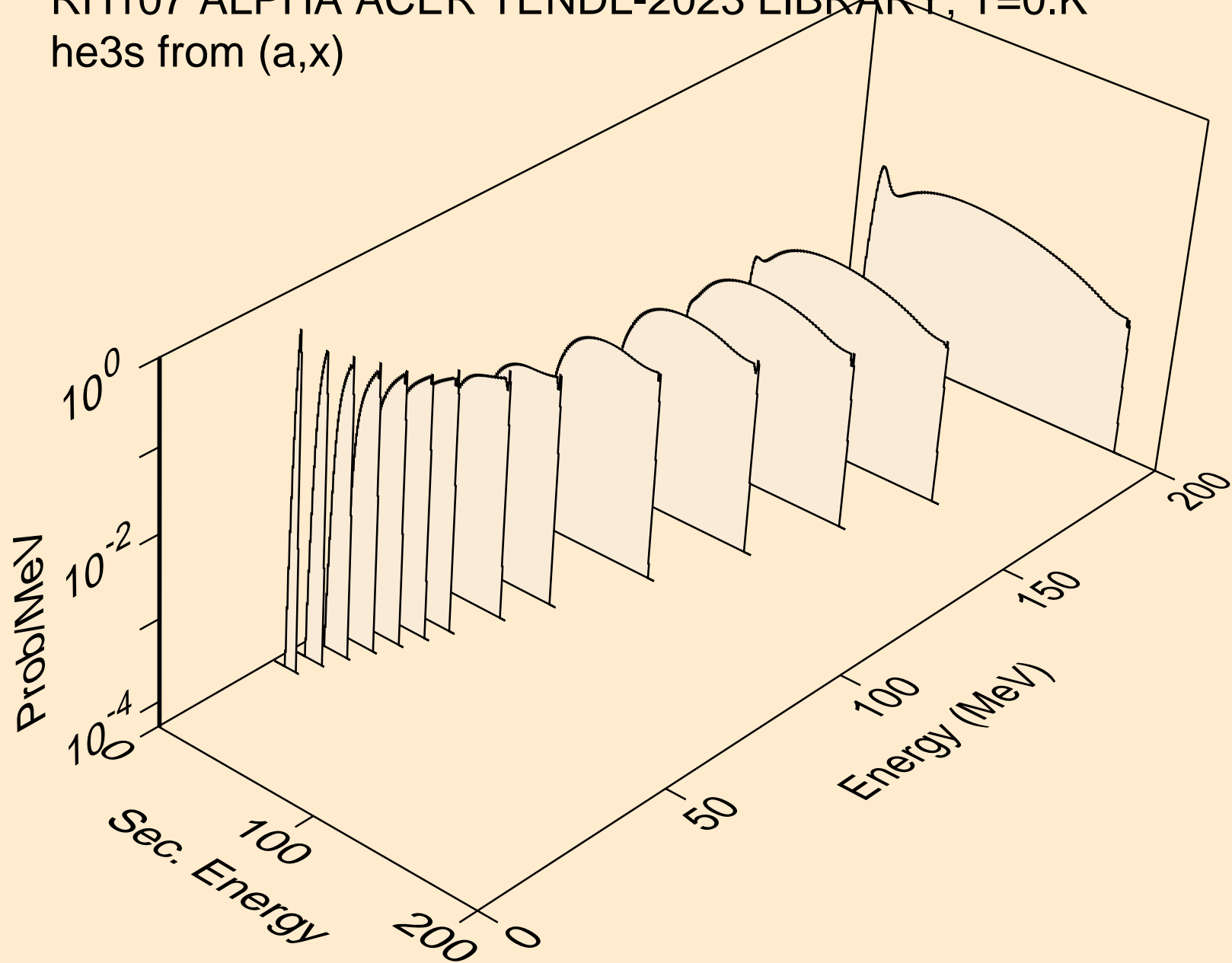
RH107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,n\*)t



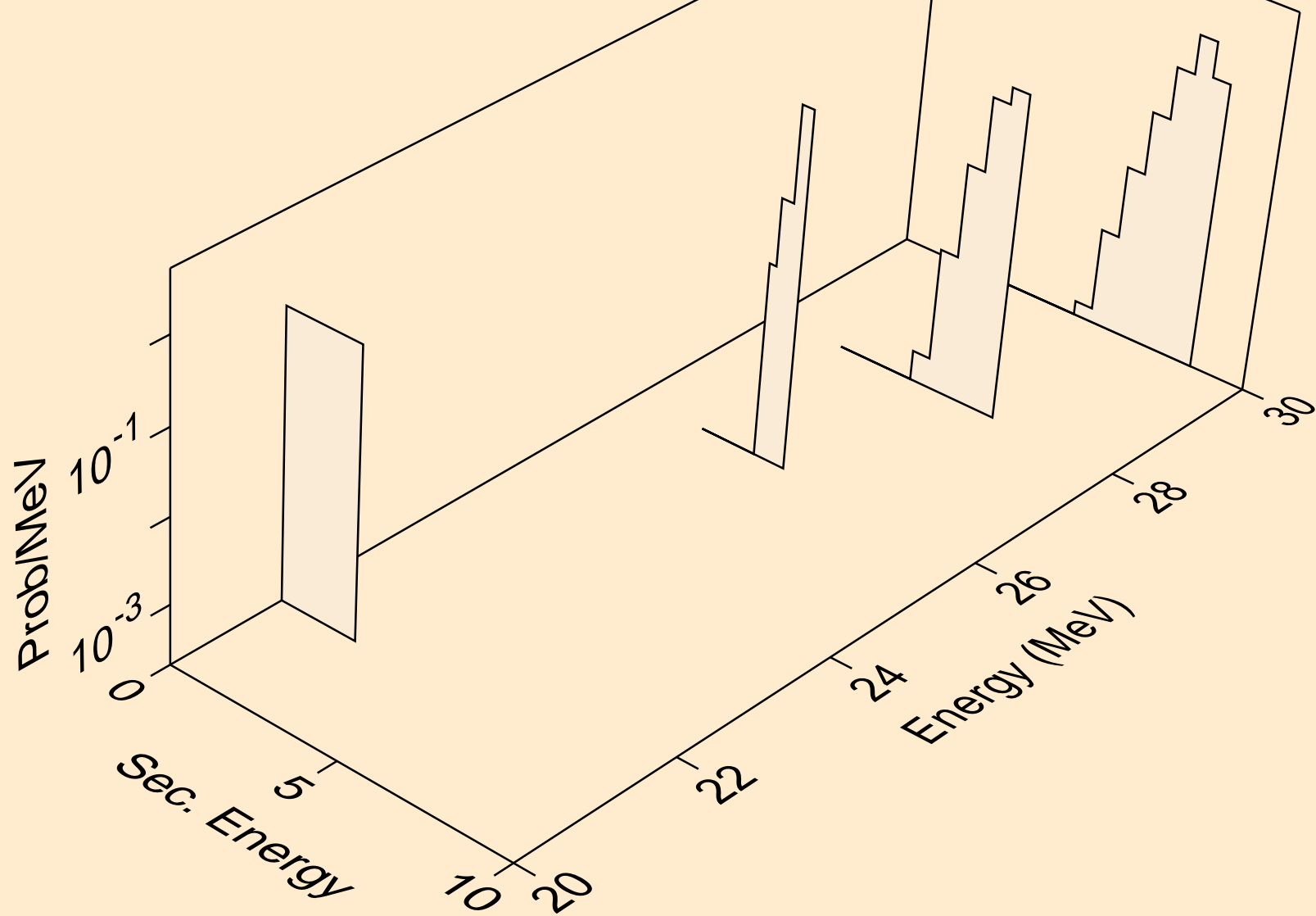
RH107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)



RH107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



RH107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,n\*)he3



RH107 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

