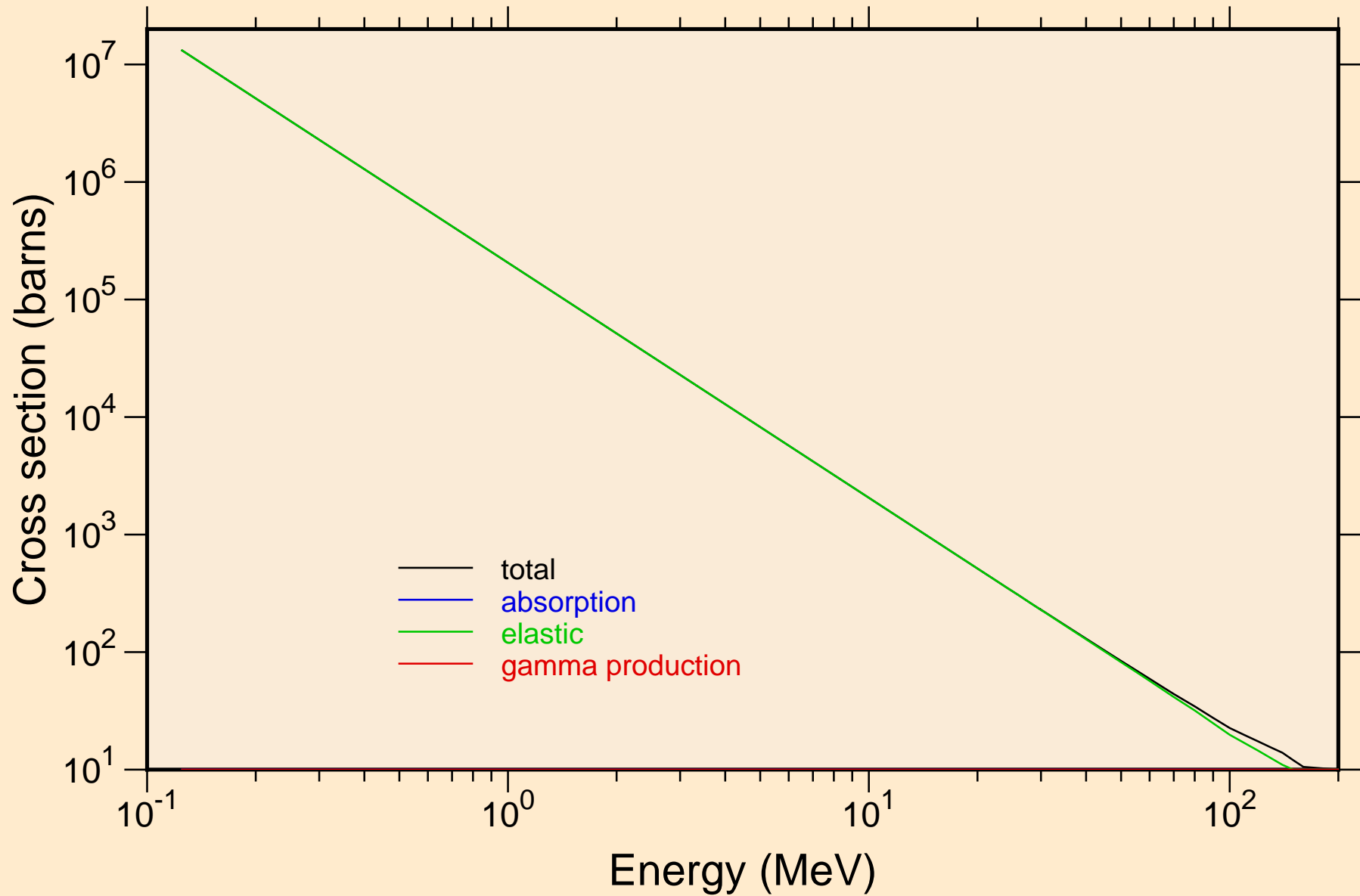
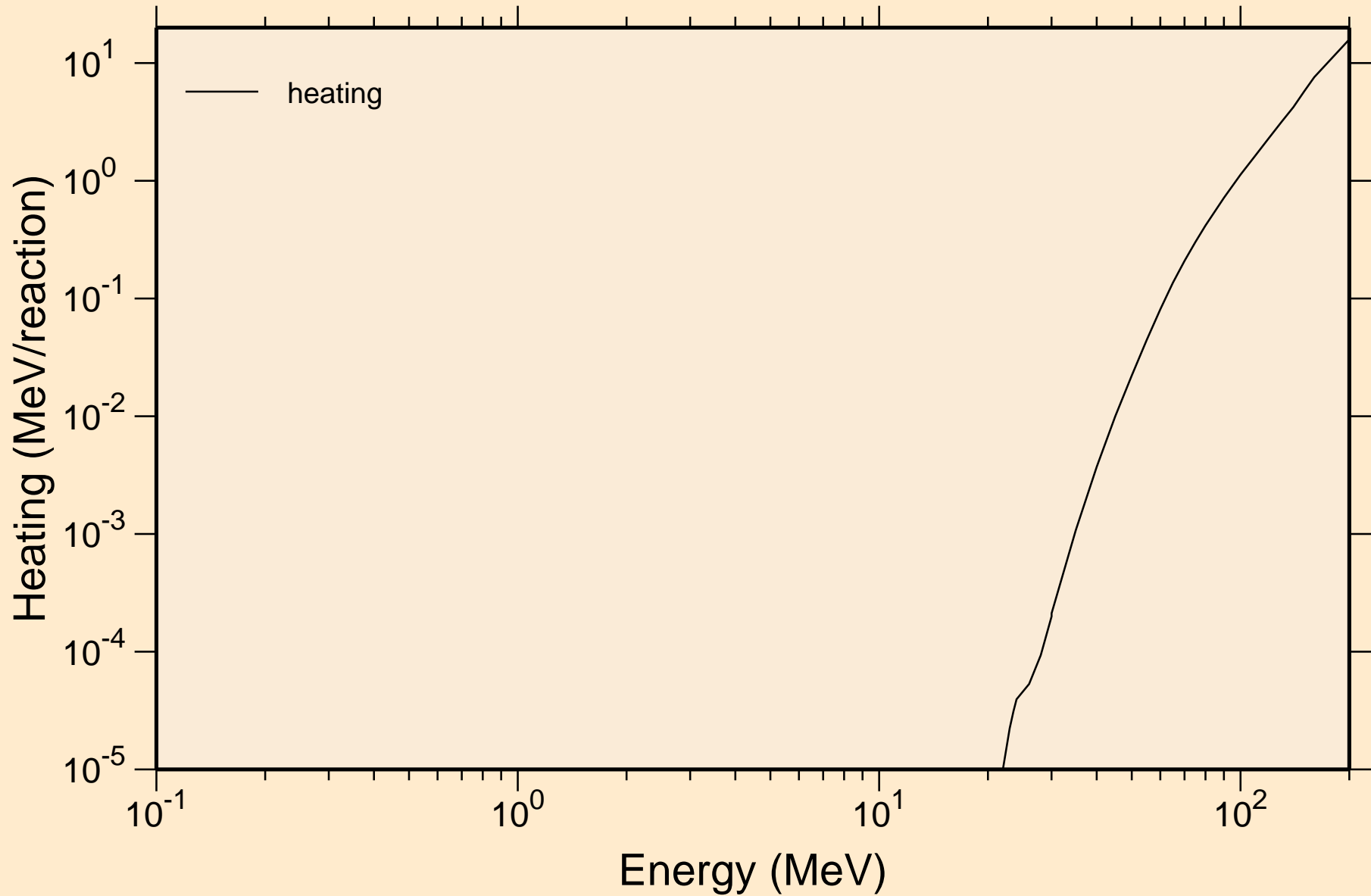


TH231 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Principal cross sections



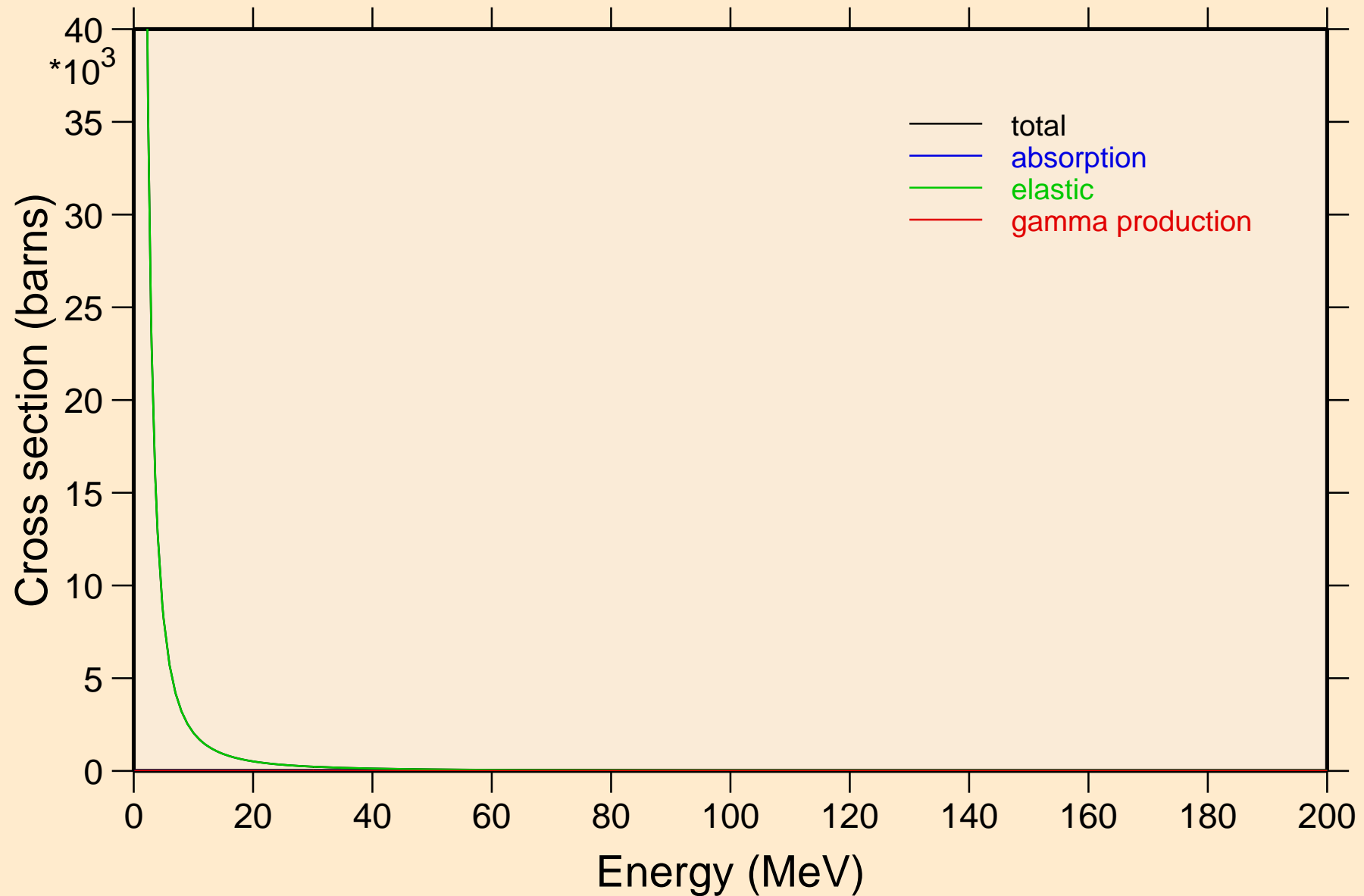
# TH231 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Heating



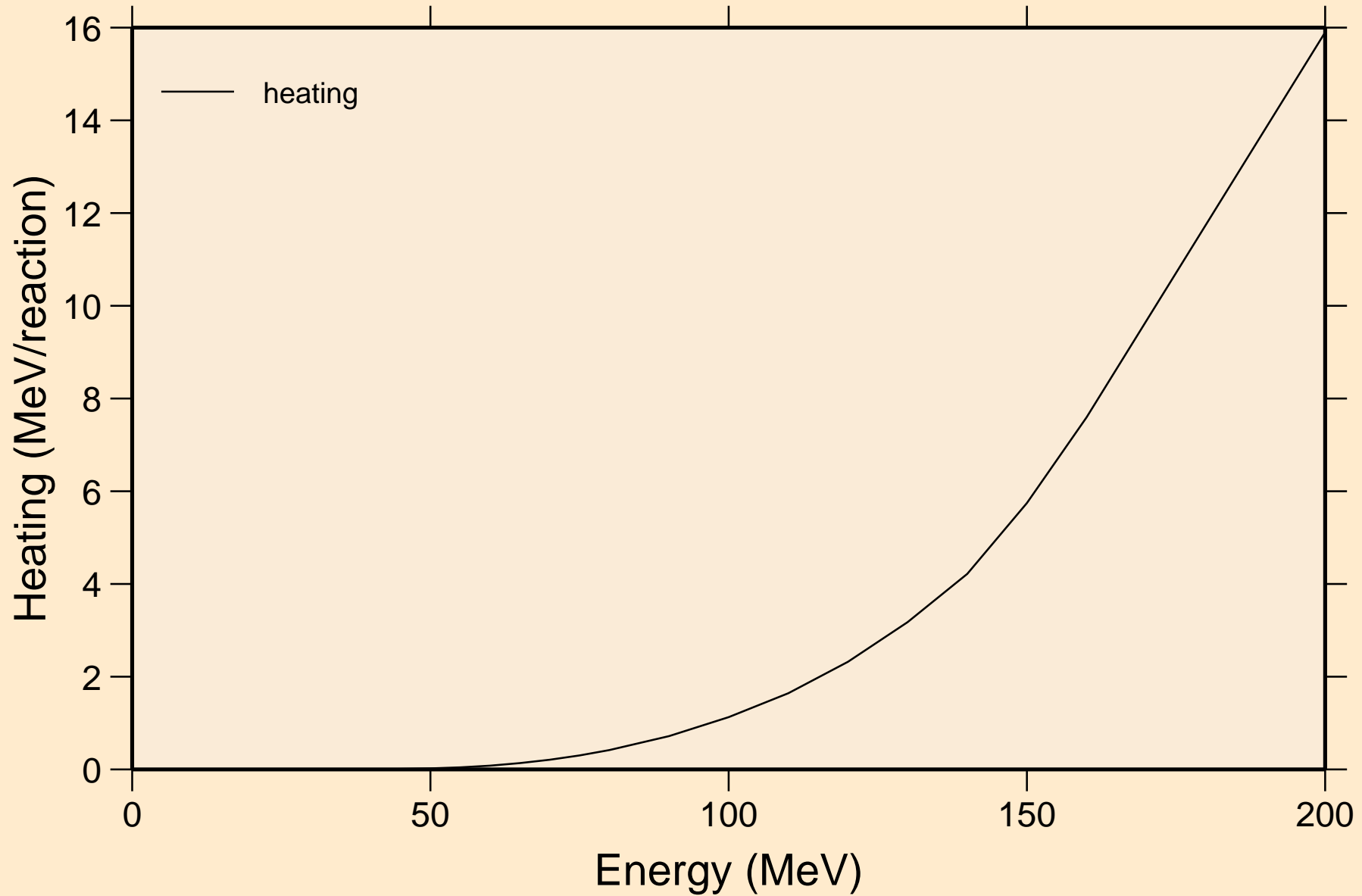
# TH231 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections

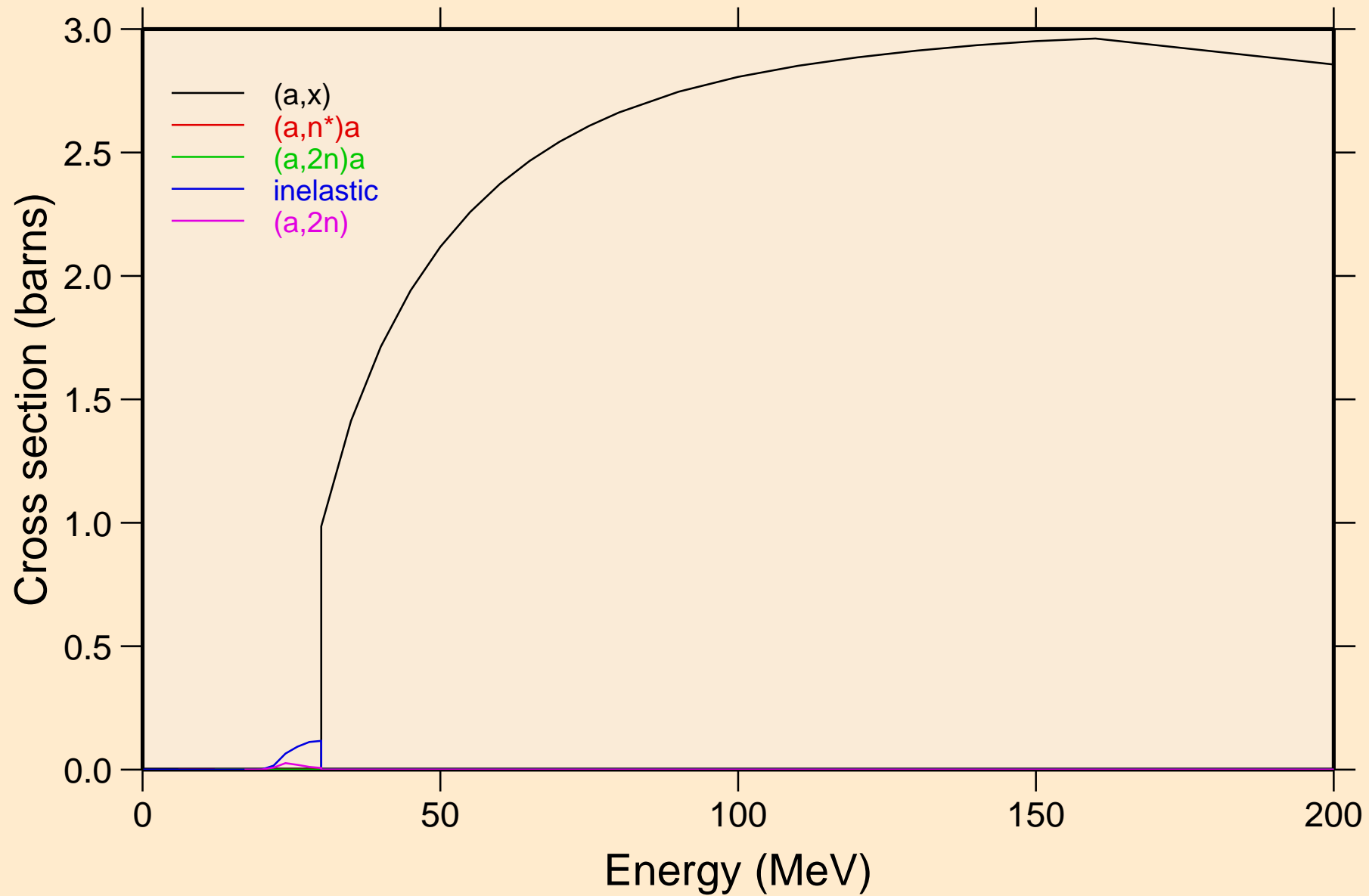


TH231 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

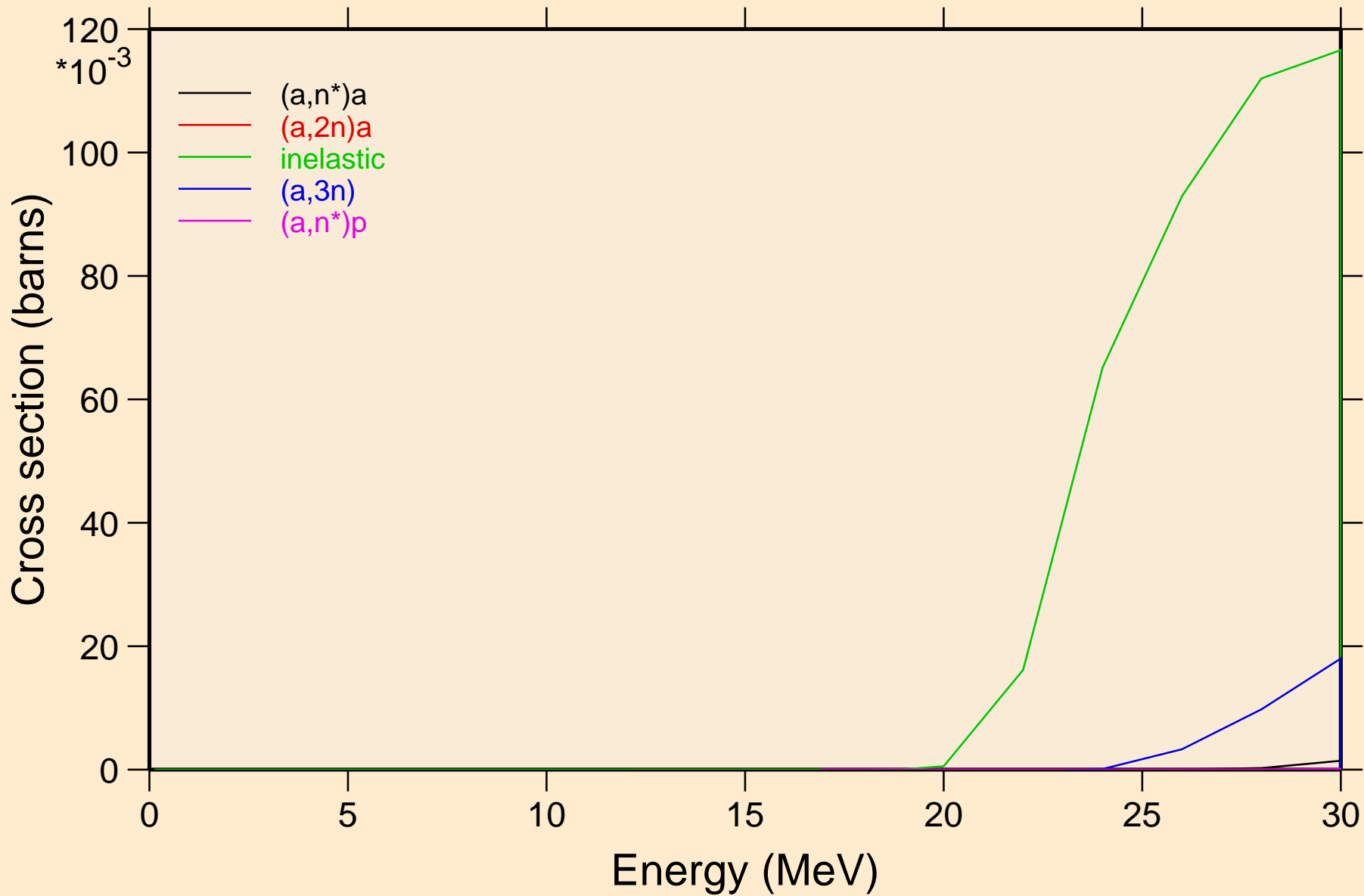
Heating



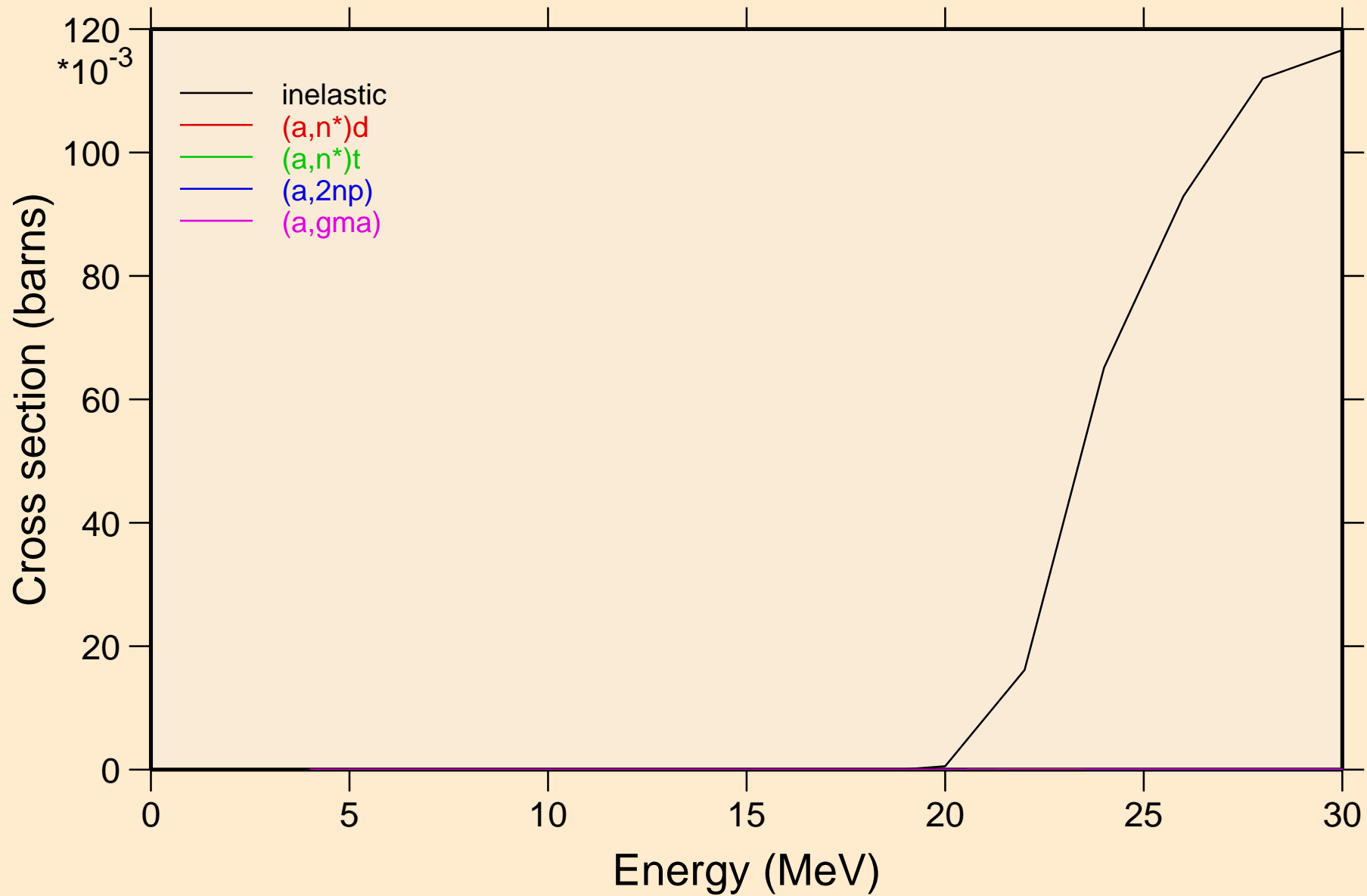
TH231 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



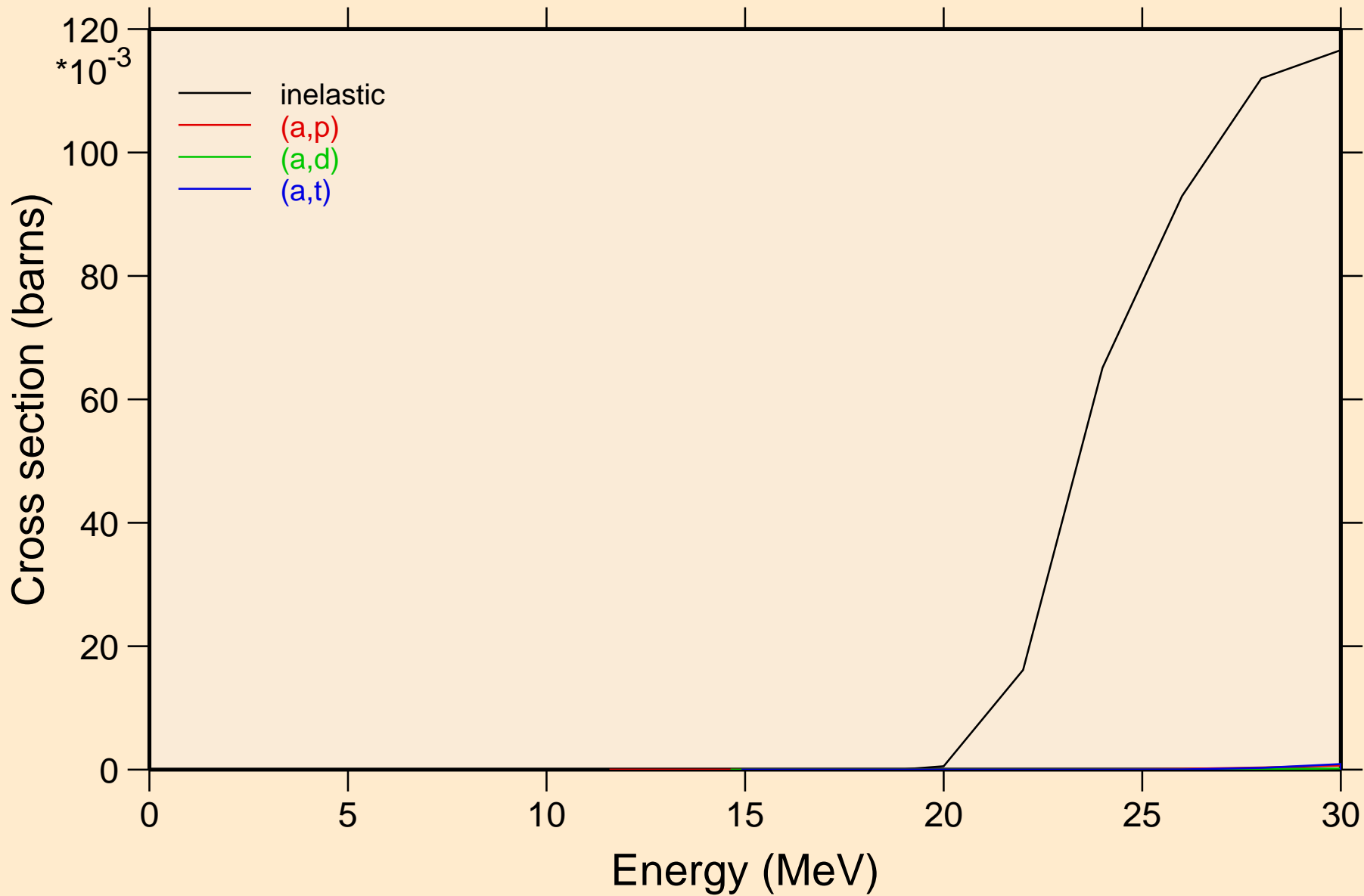
TH231 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



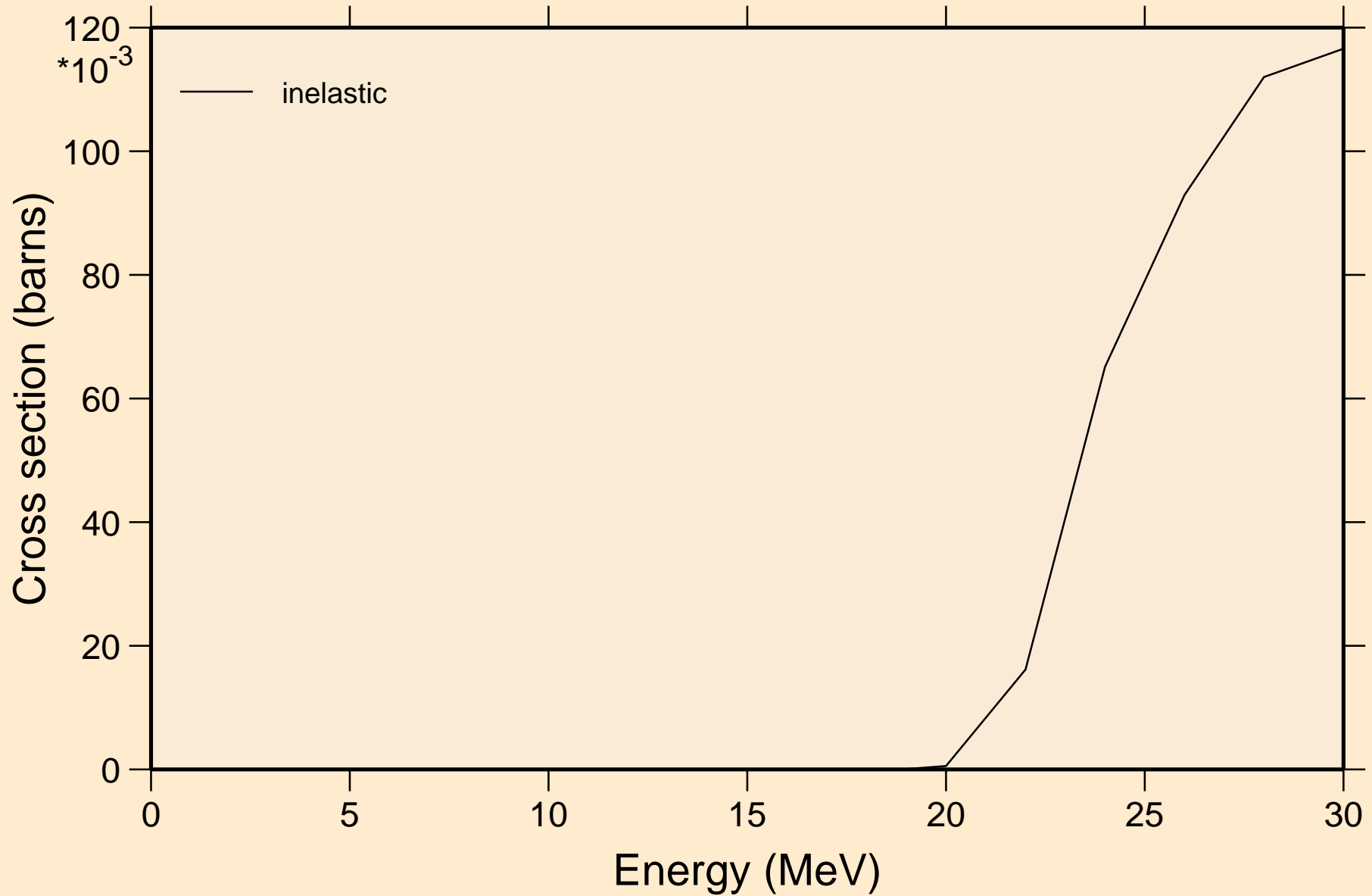
TH231 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



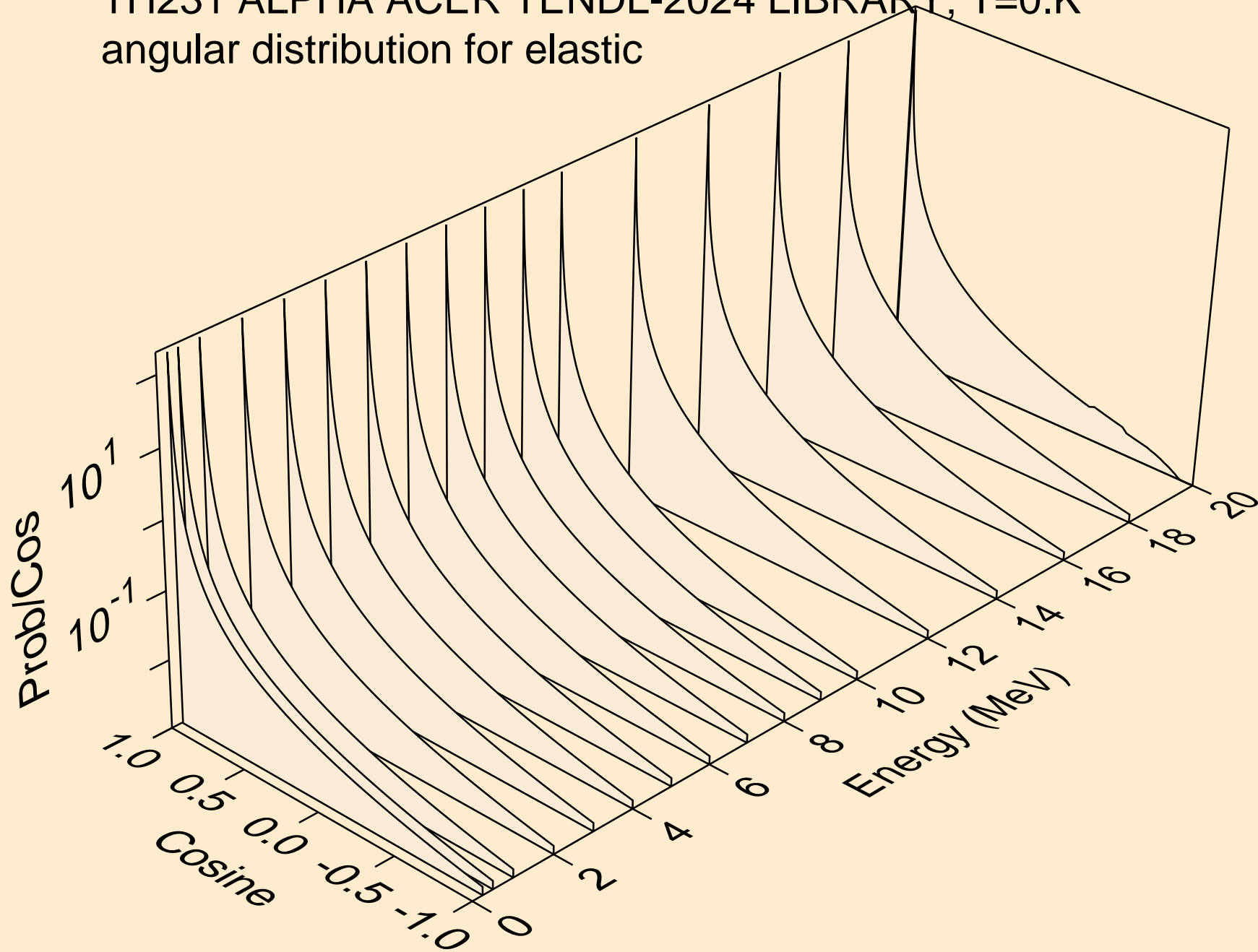
TH231 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



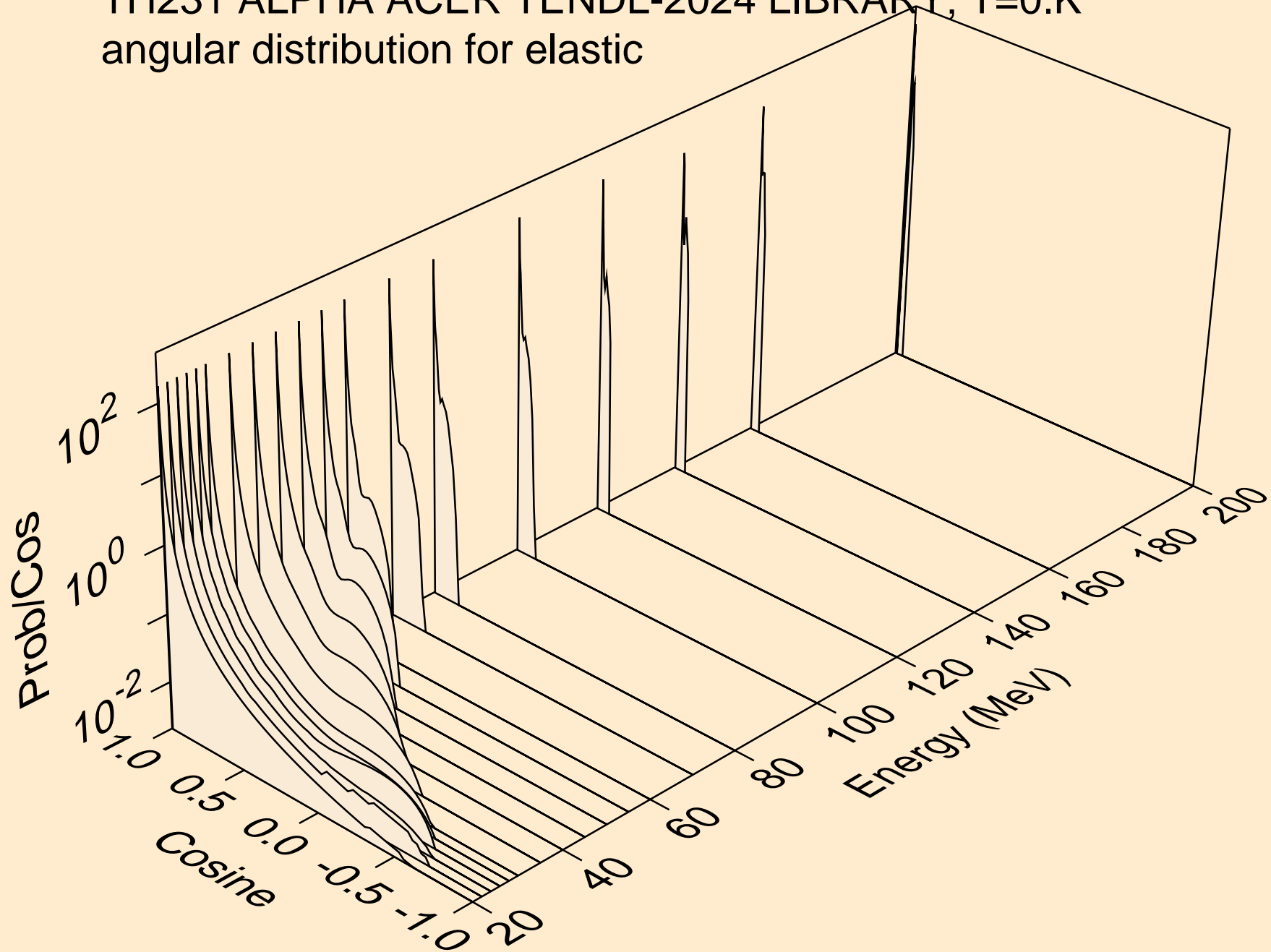
TH231 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



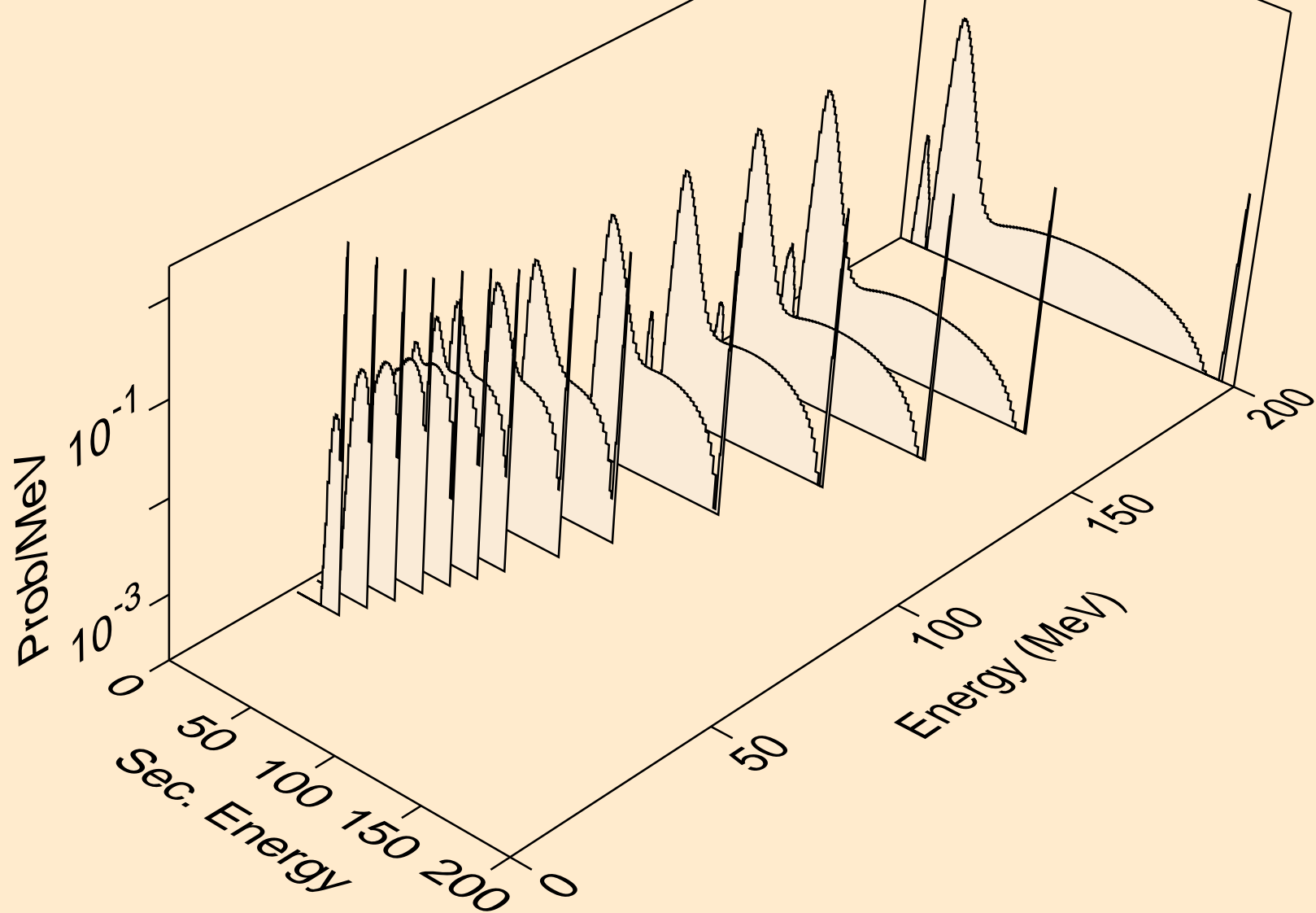
TH231 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



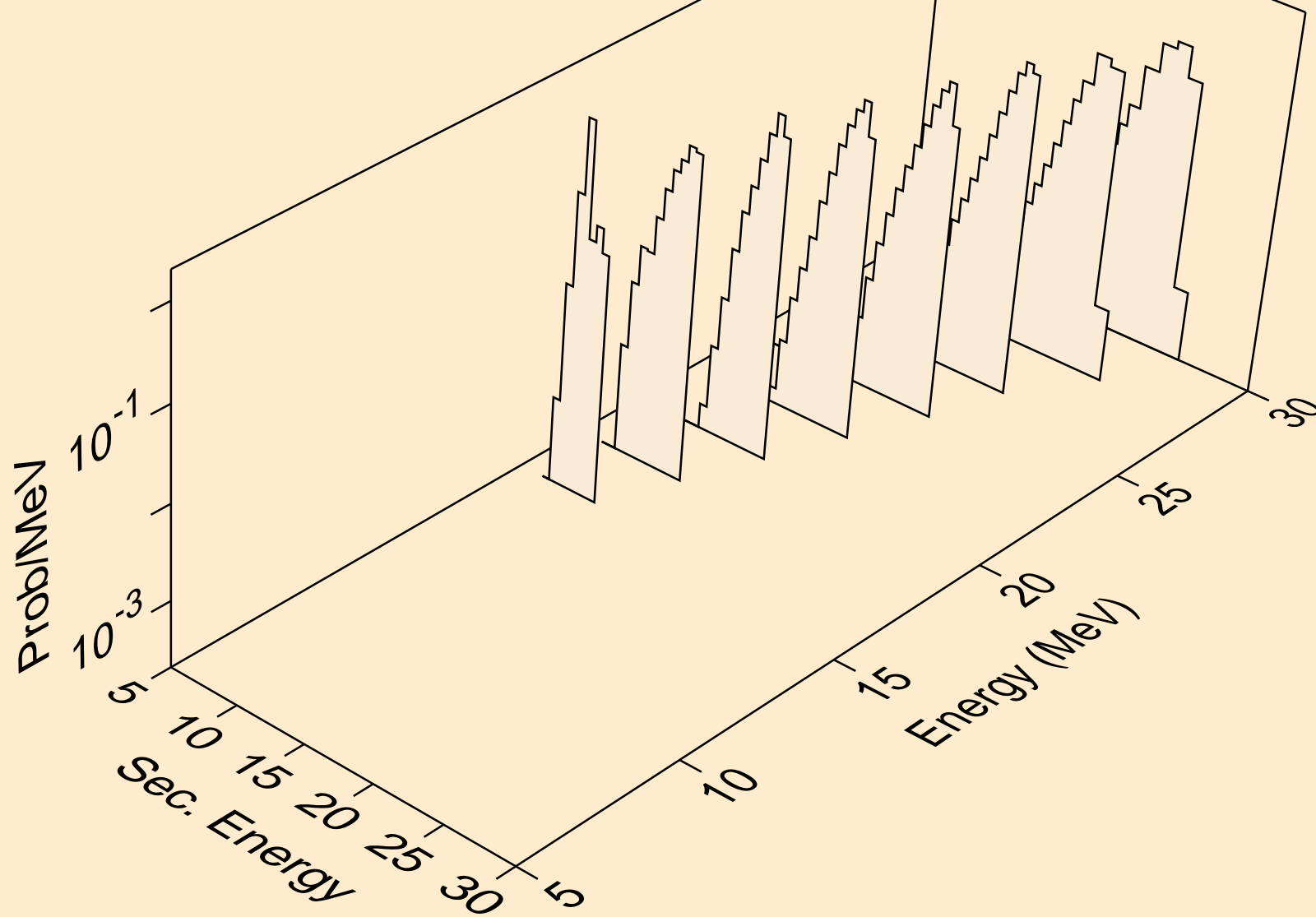
TH231 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



TH231 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,x)

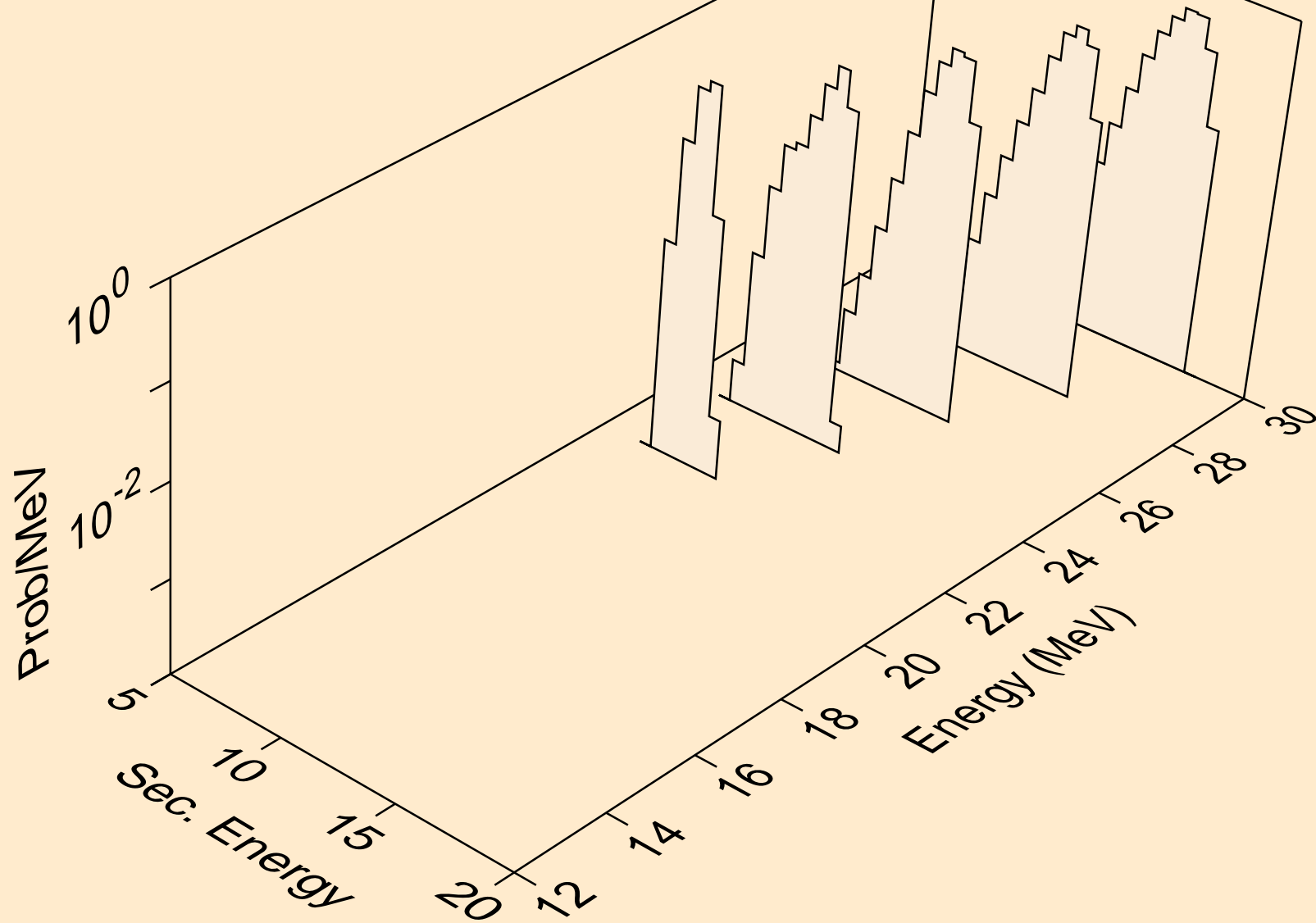


TH231 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a

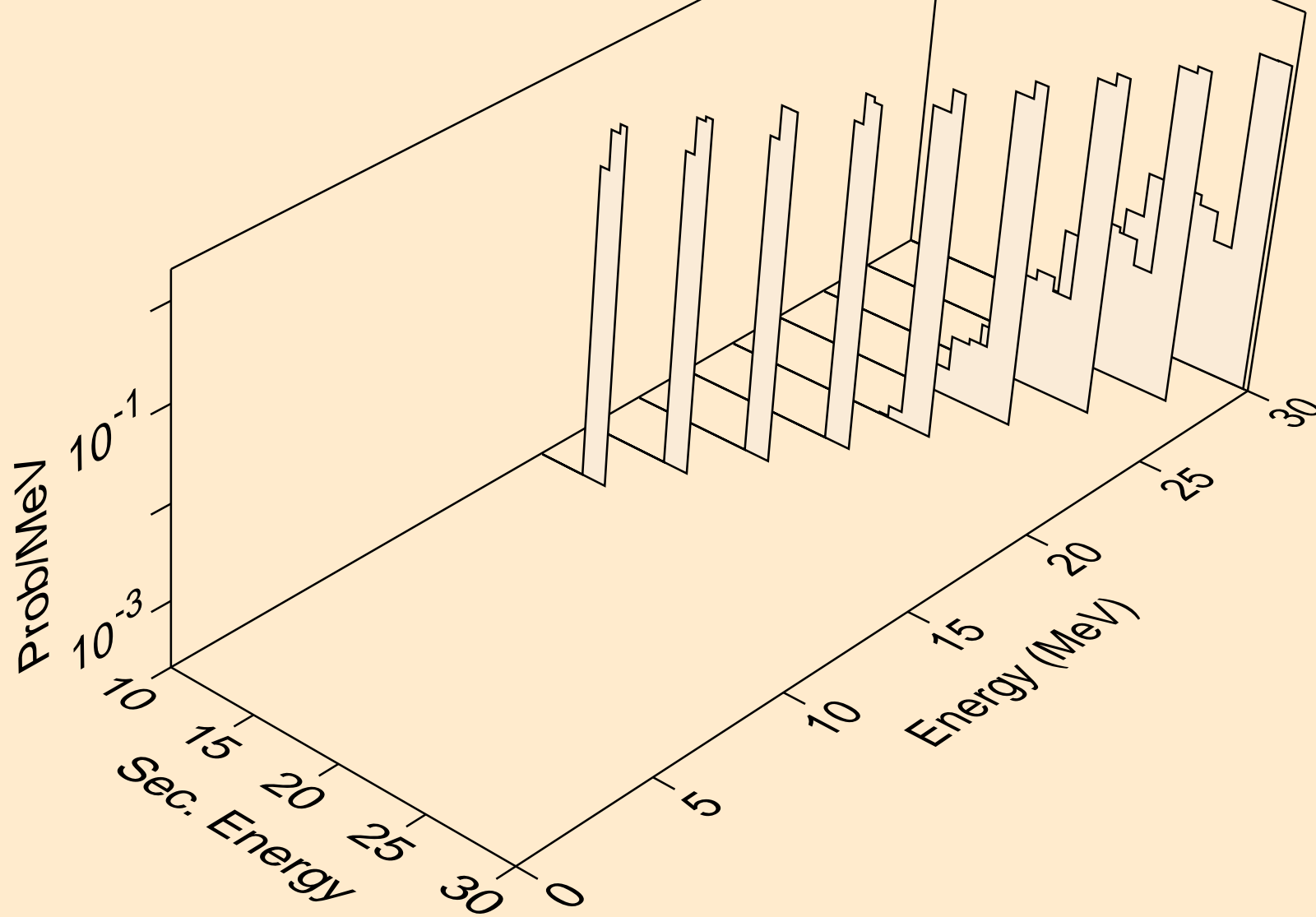


TH231 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

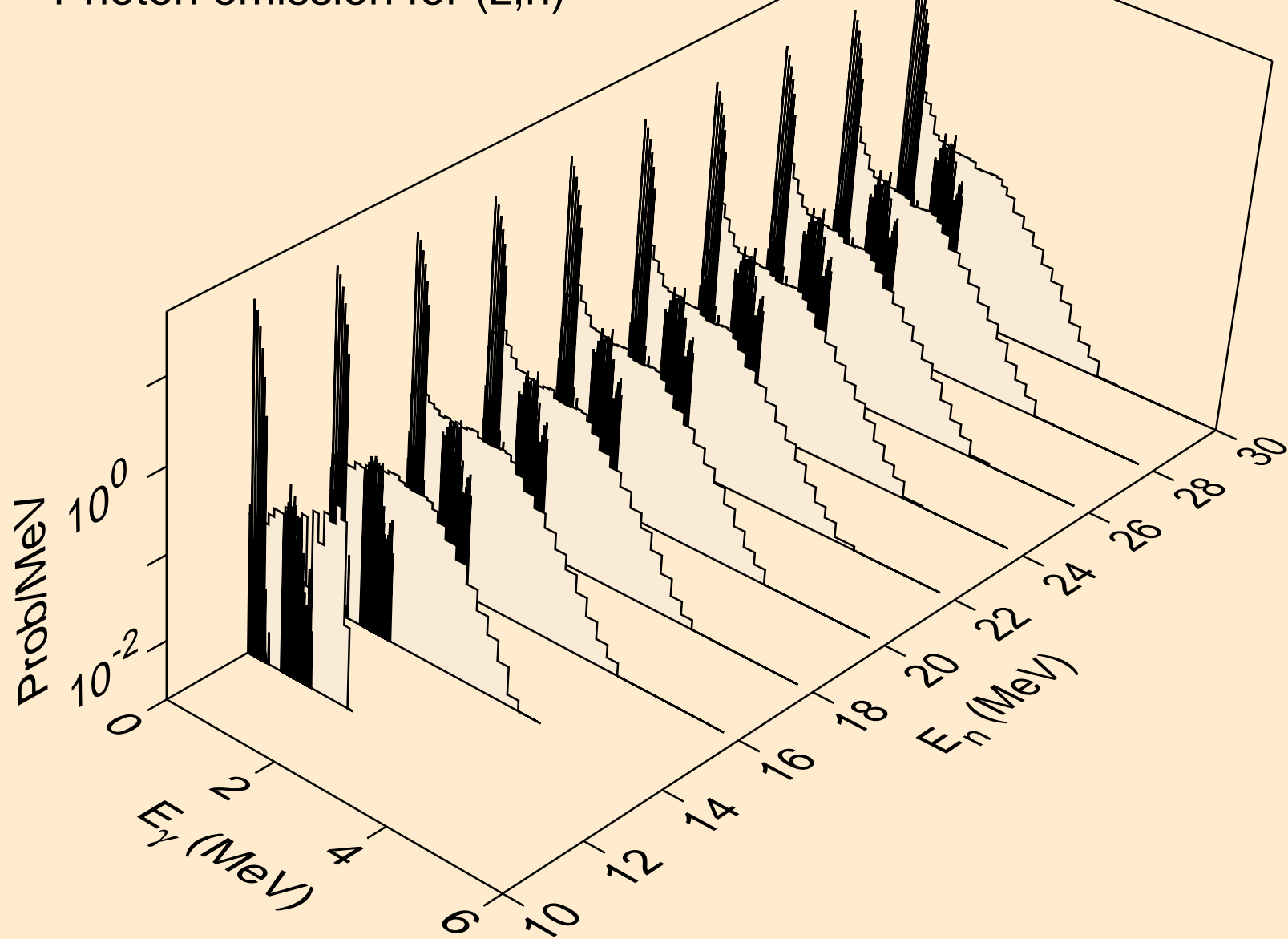
Alpha emission for (a,2n)a



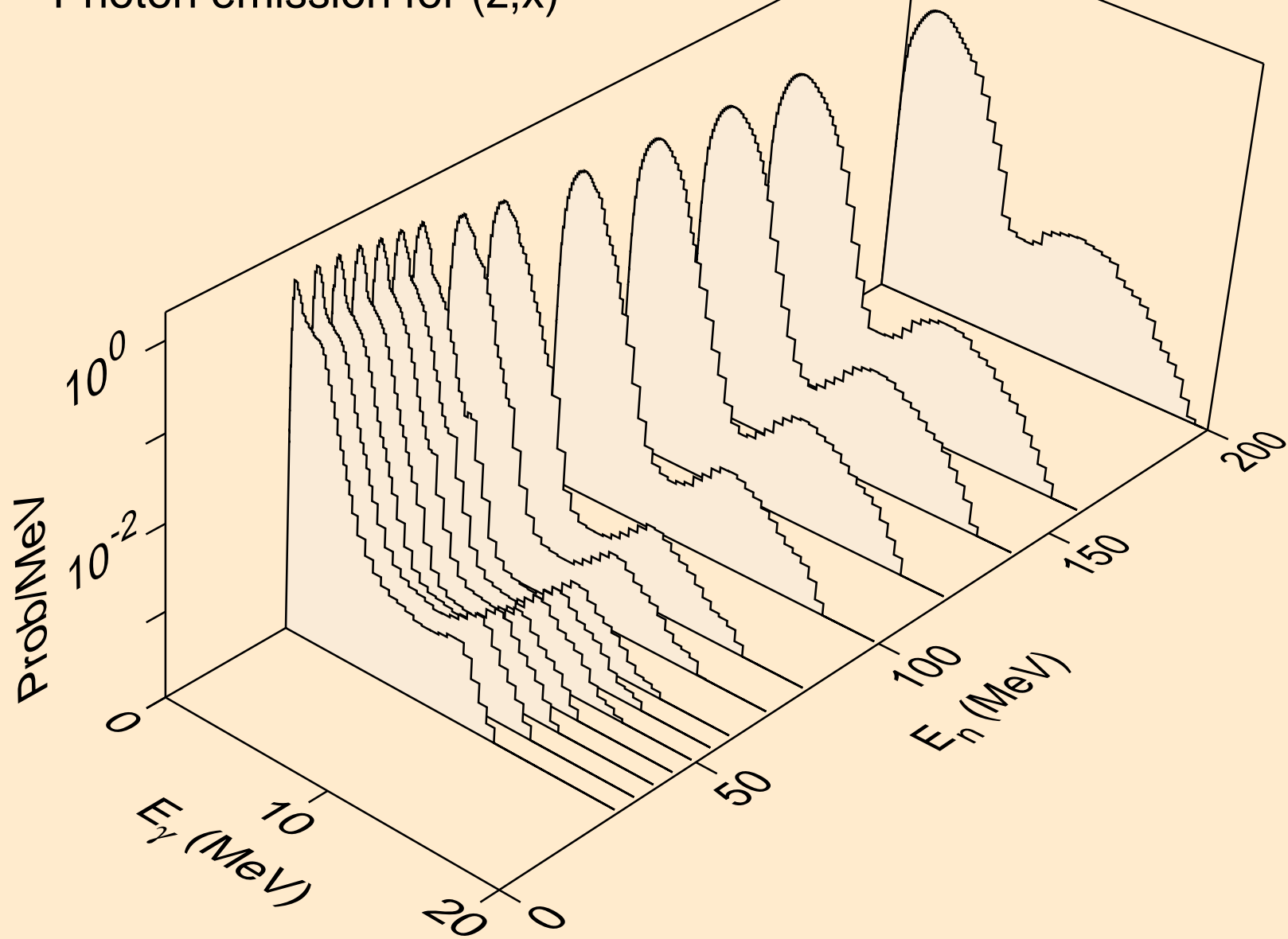
TH231 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for inelastic



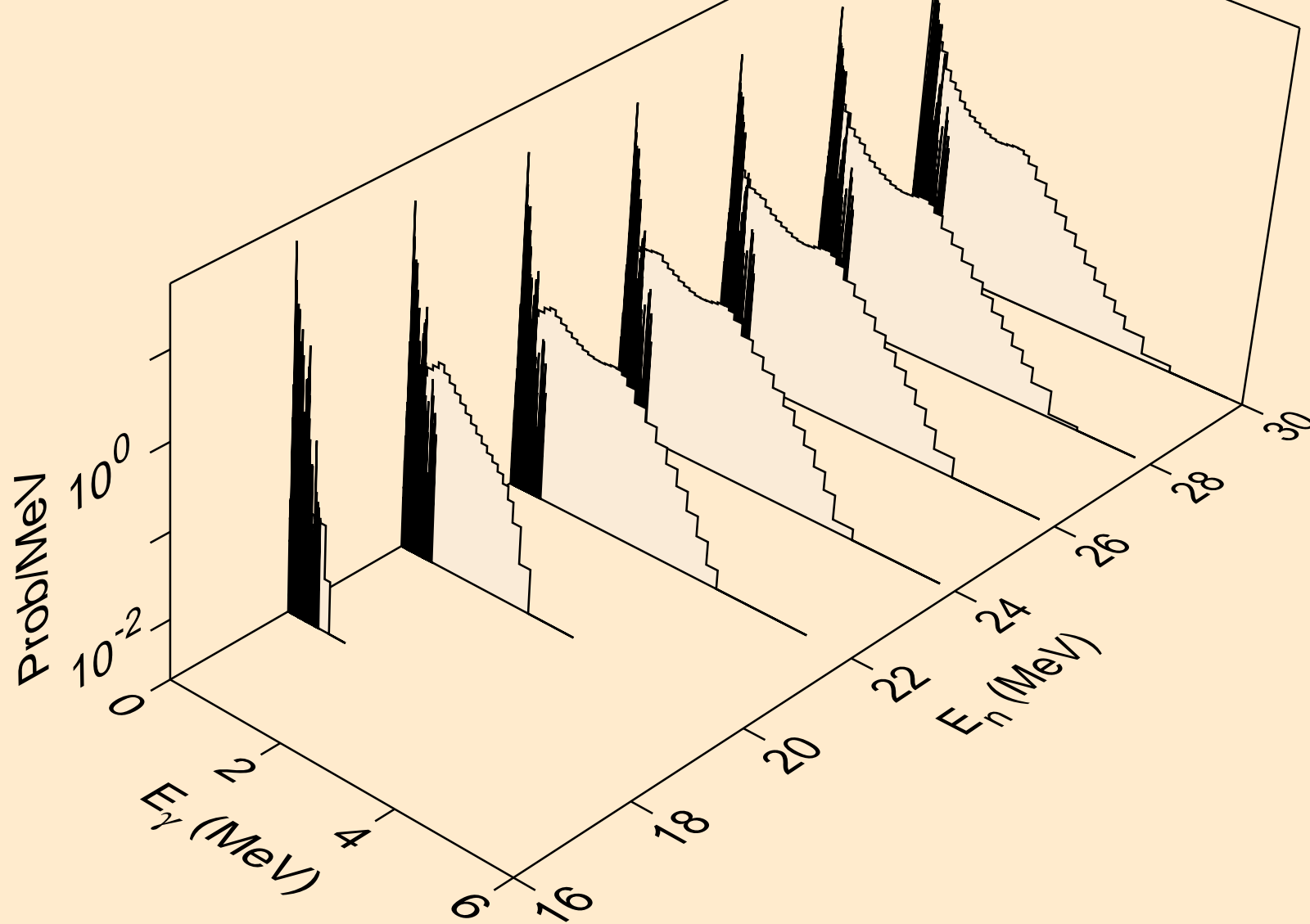
TH231 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,n)



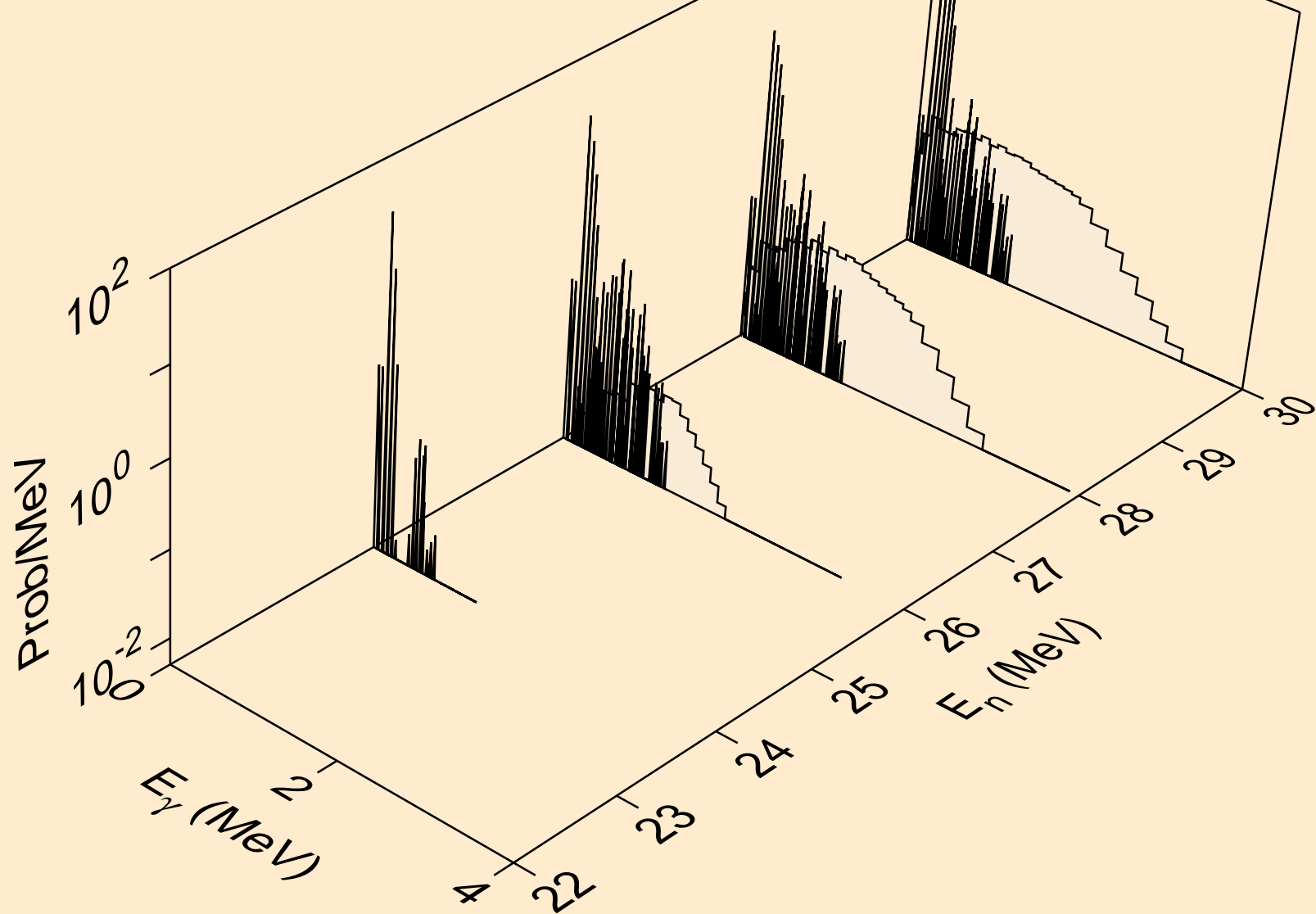
TH231 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,x)



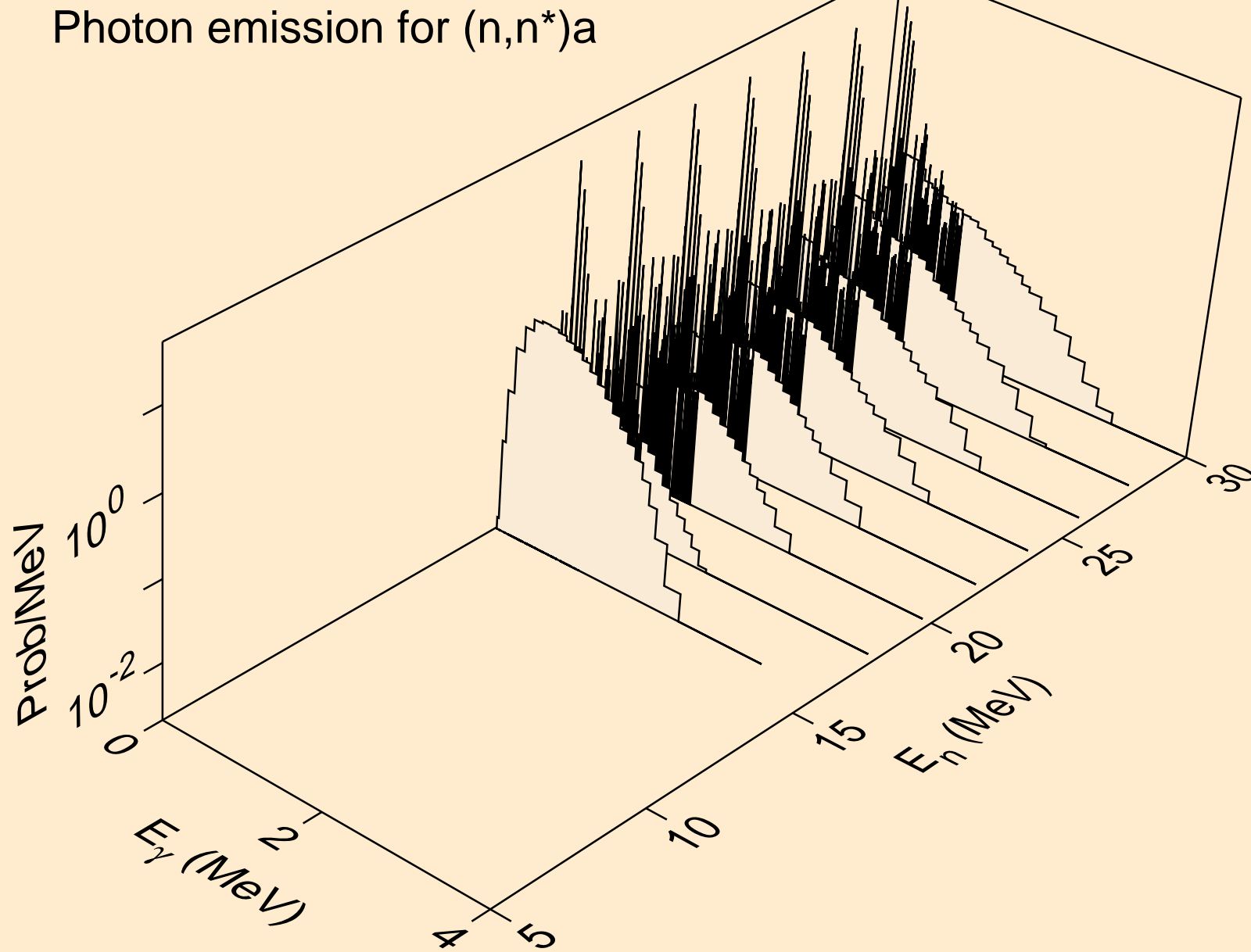
TH231 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



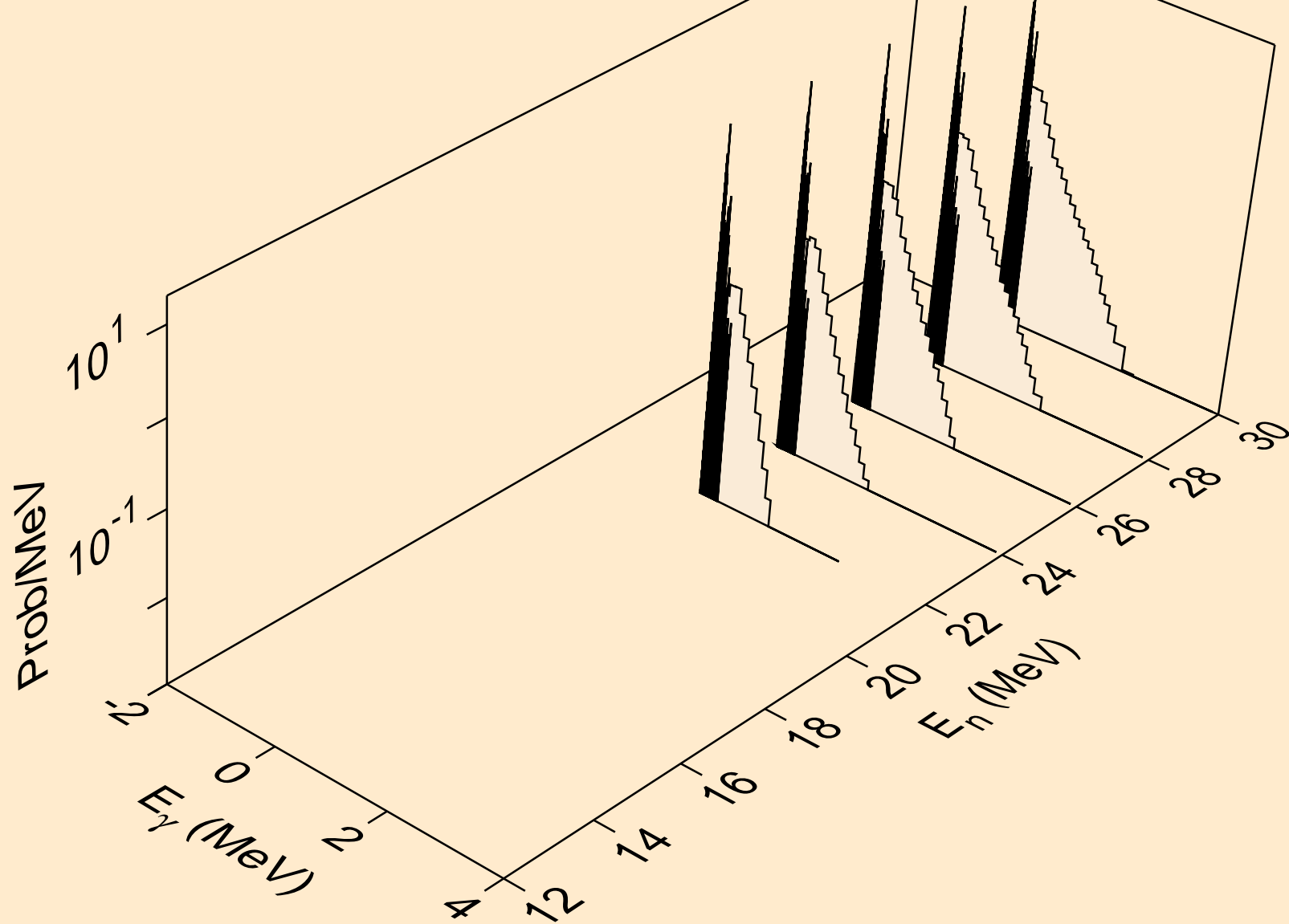
TH231 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



TH231 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a

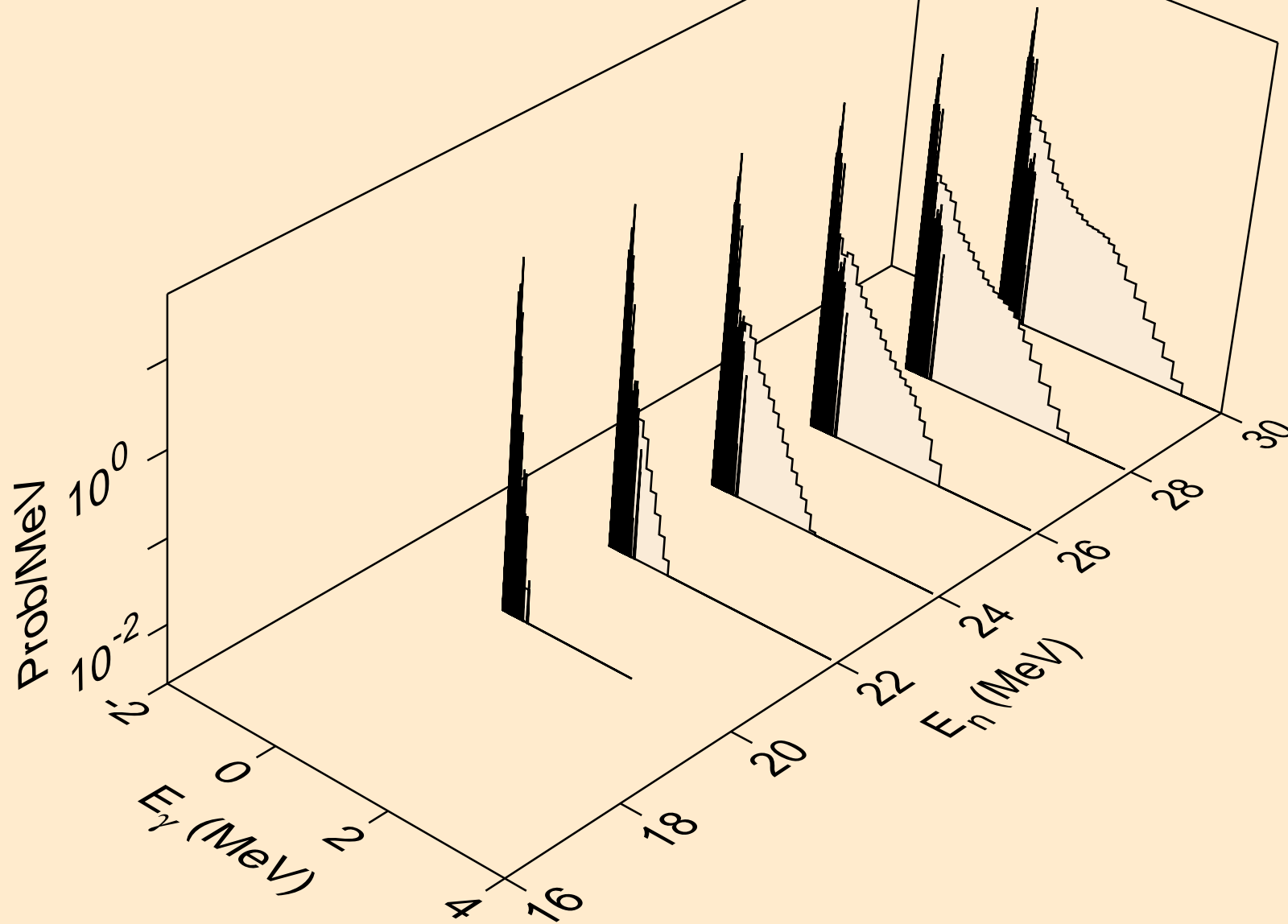


TH231 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



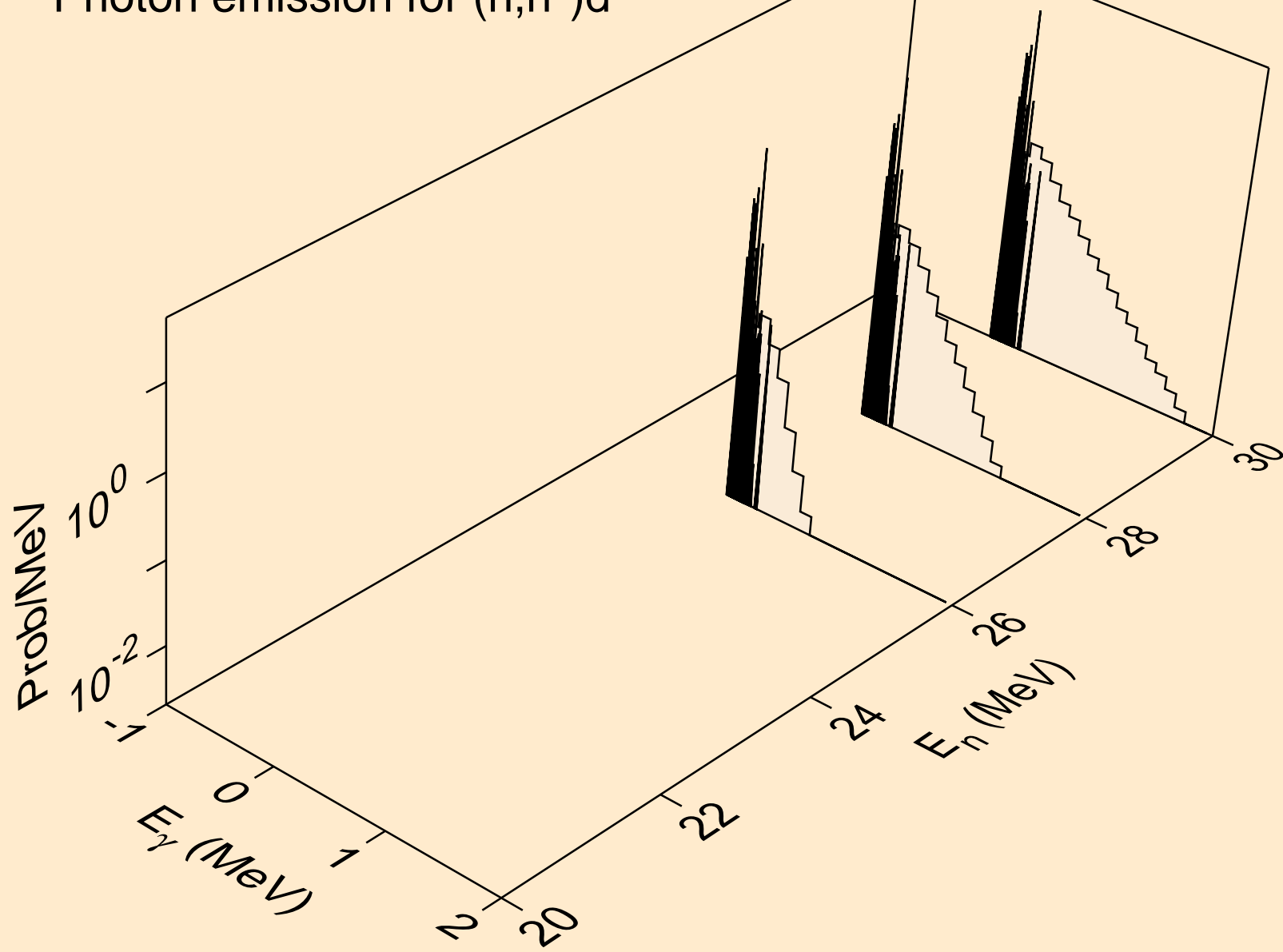
TH231 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)p



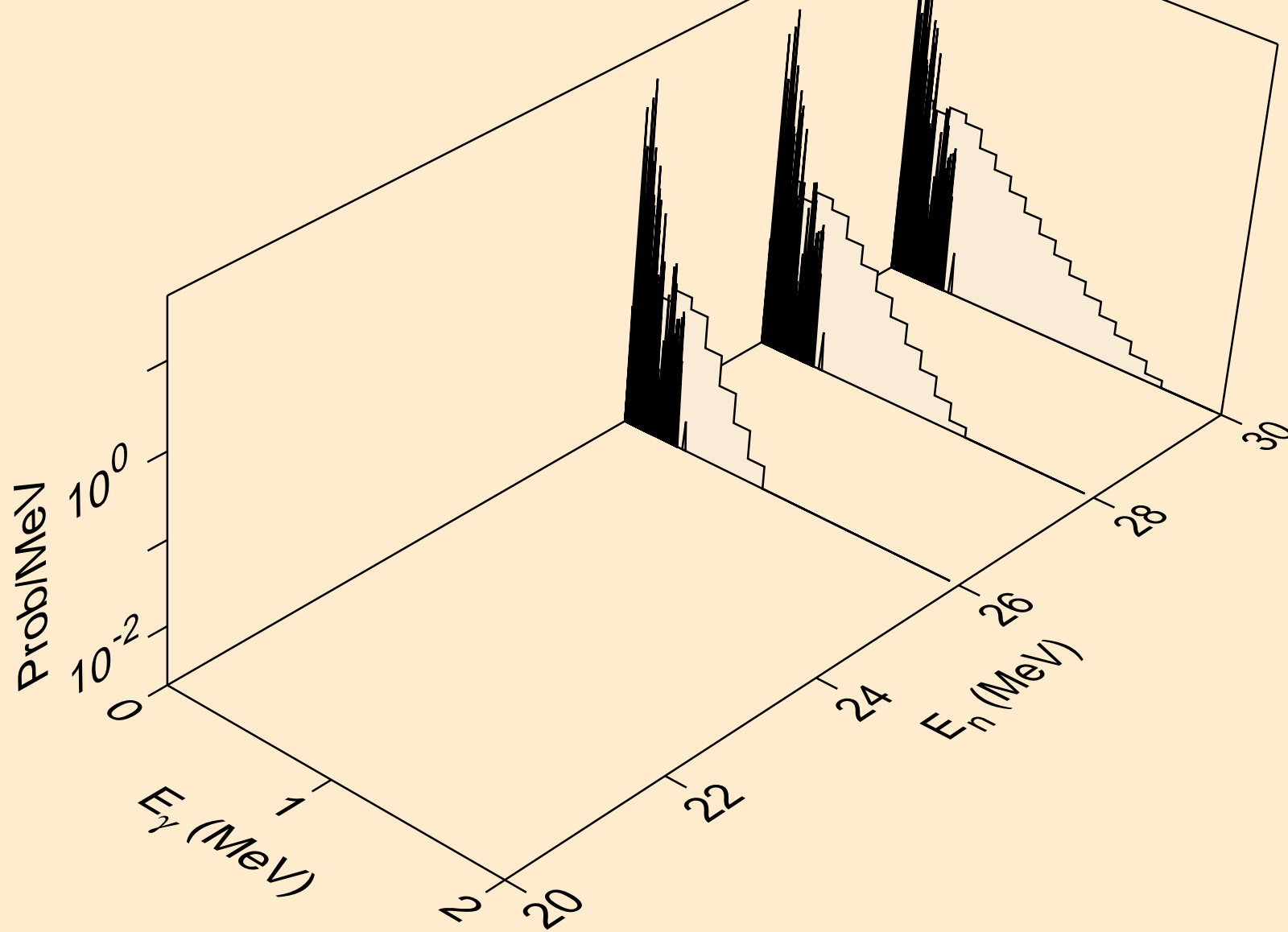
TH231 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)d

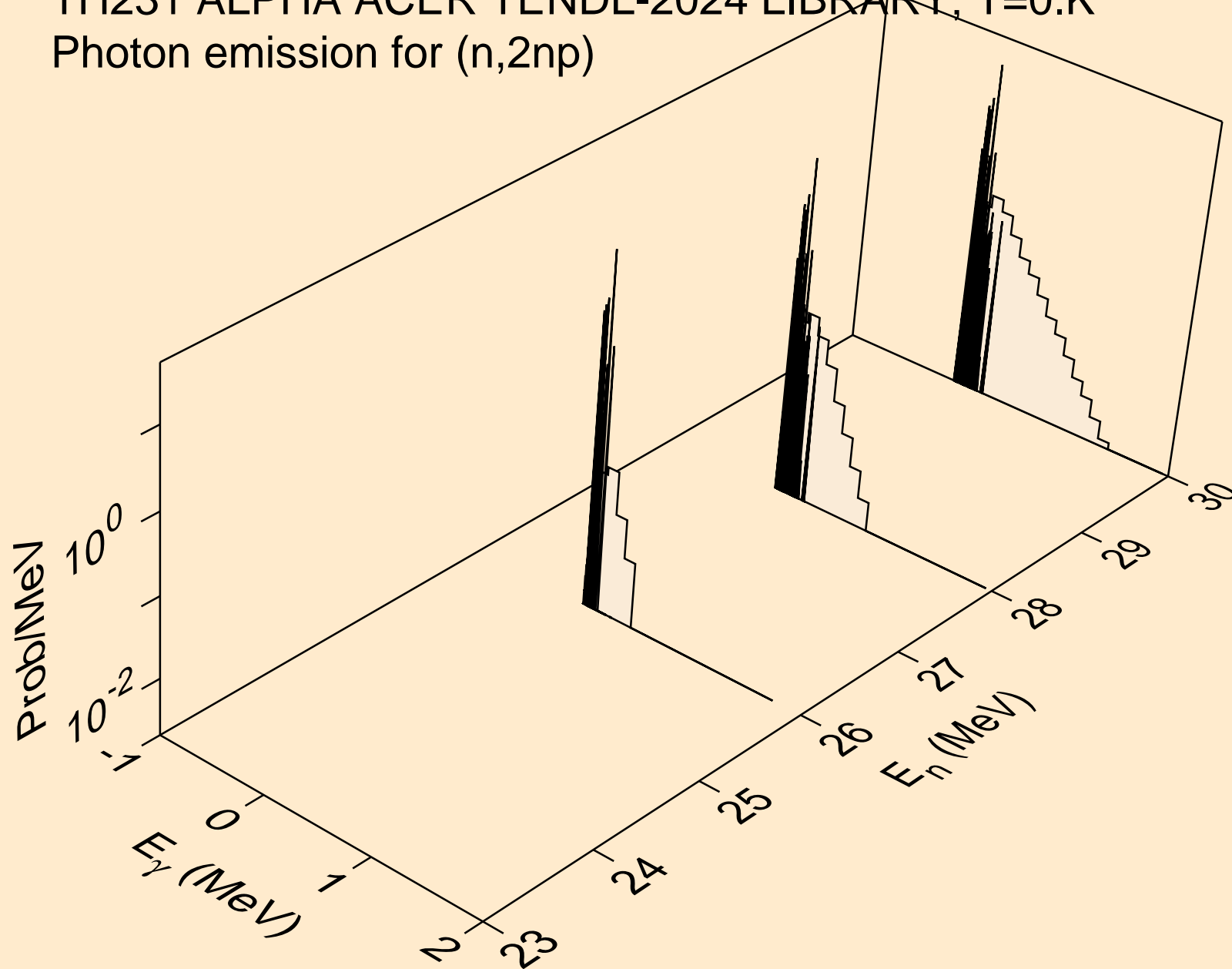


TH231 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

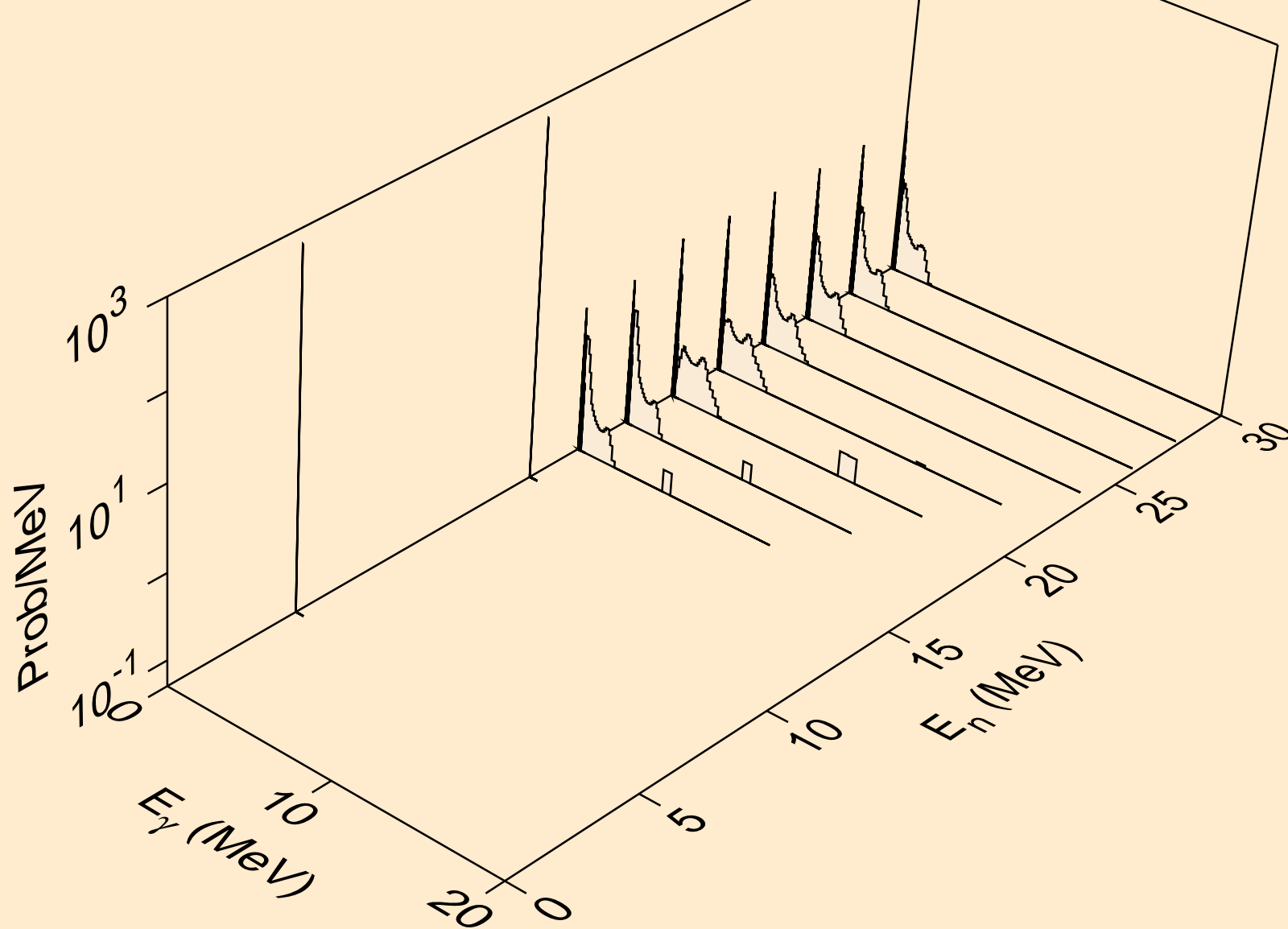
Photon emission for (n,n\*)t



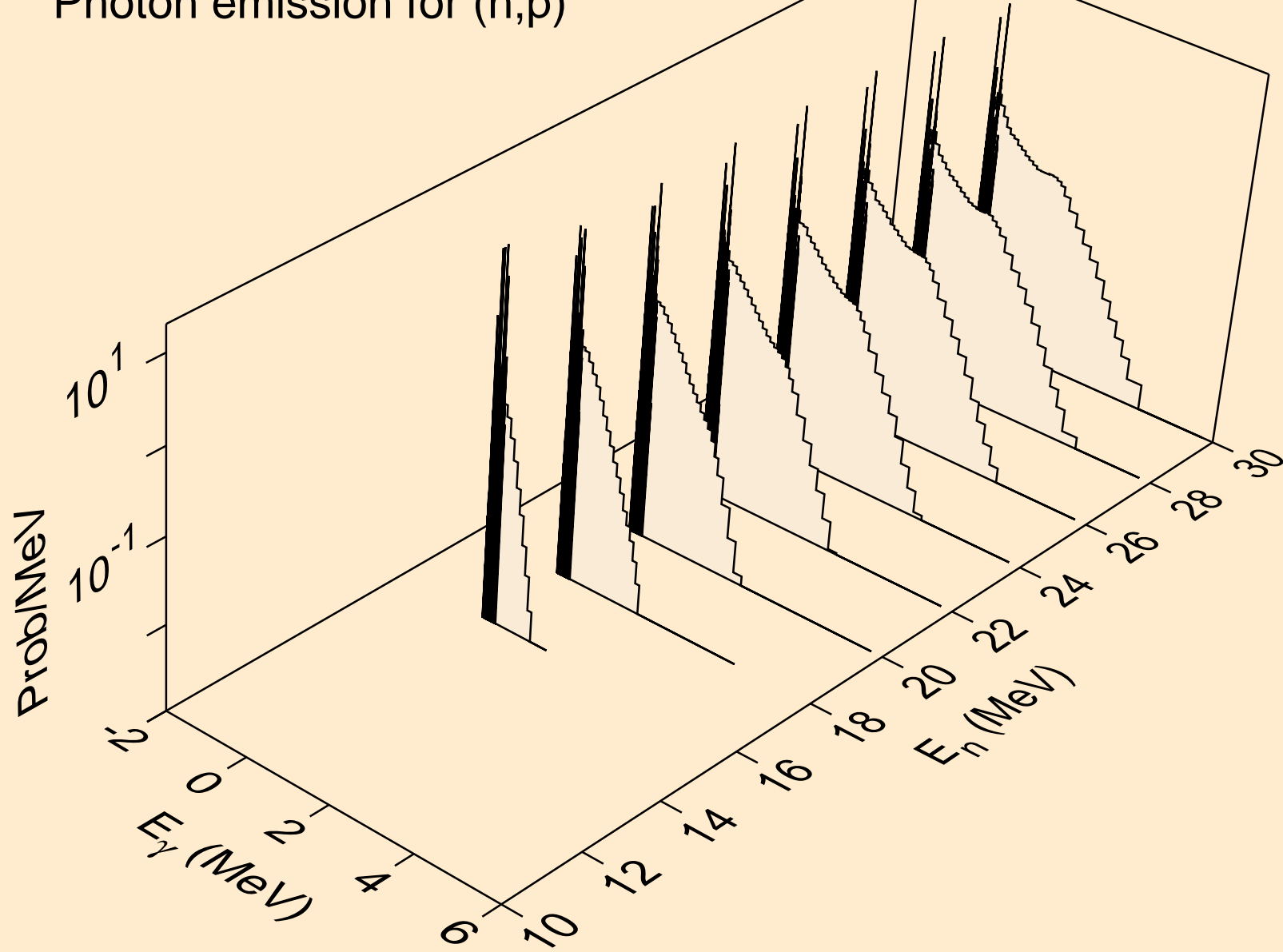
TH231 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



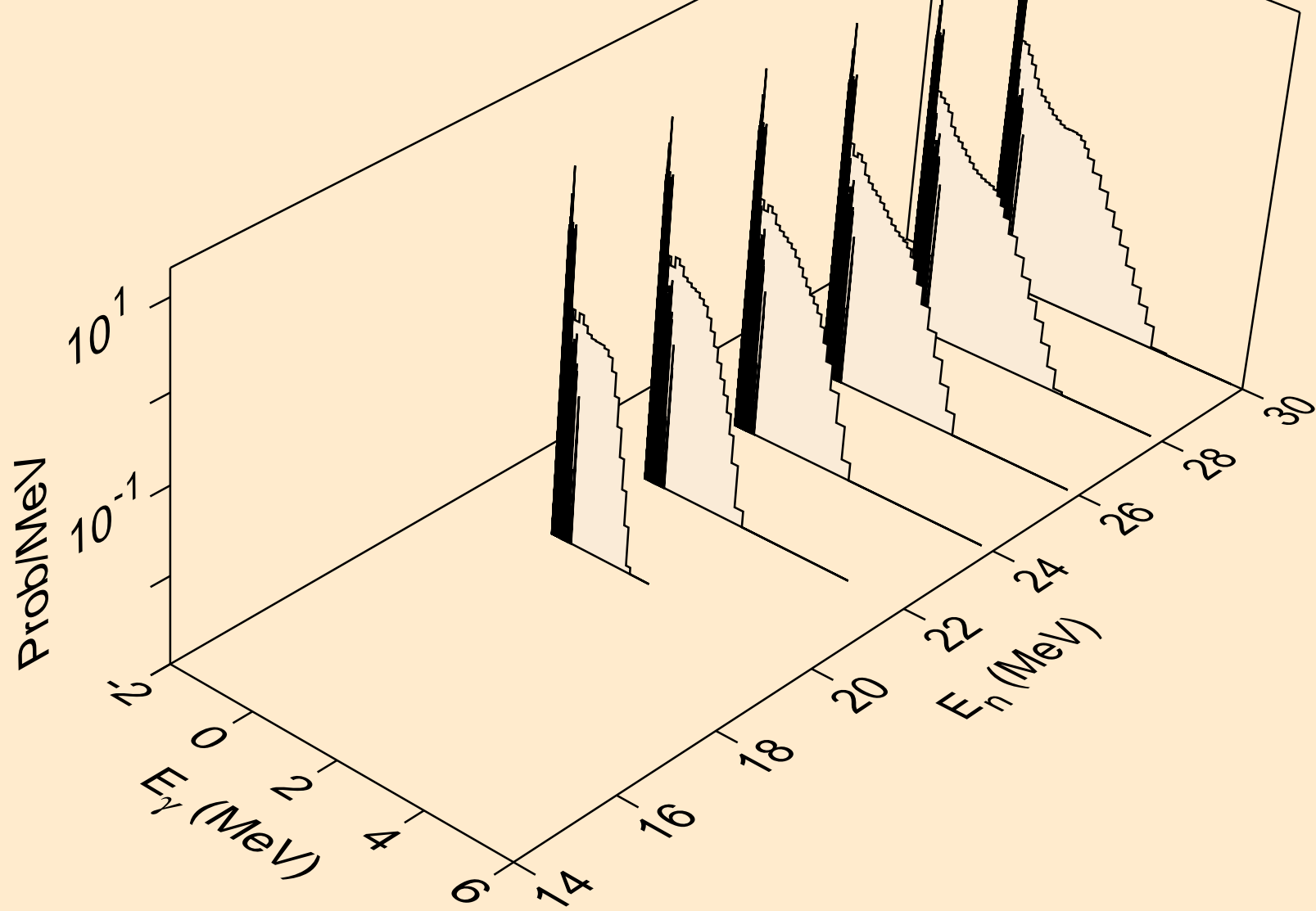
TH231 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



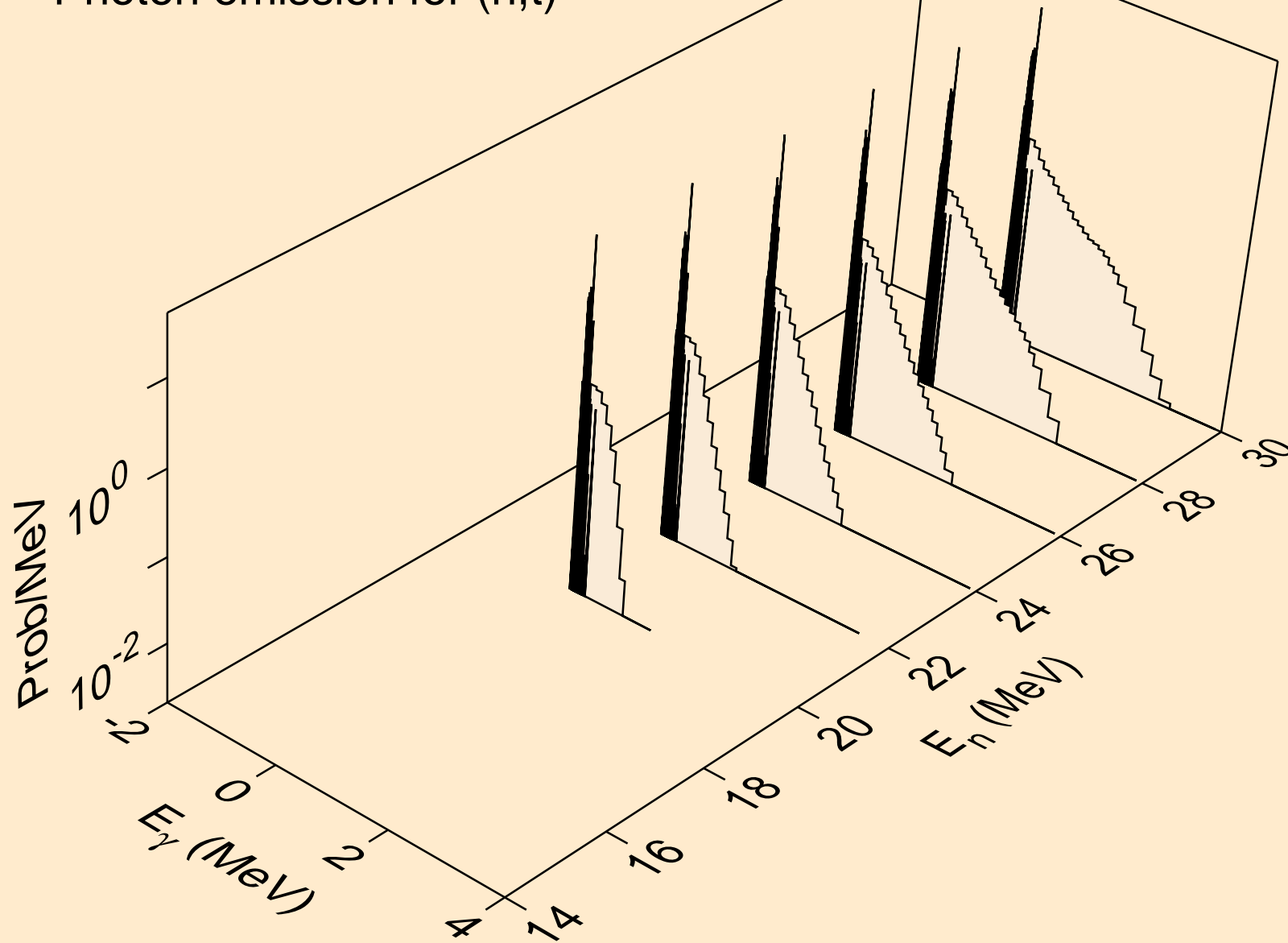
TH231 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



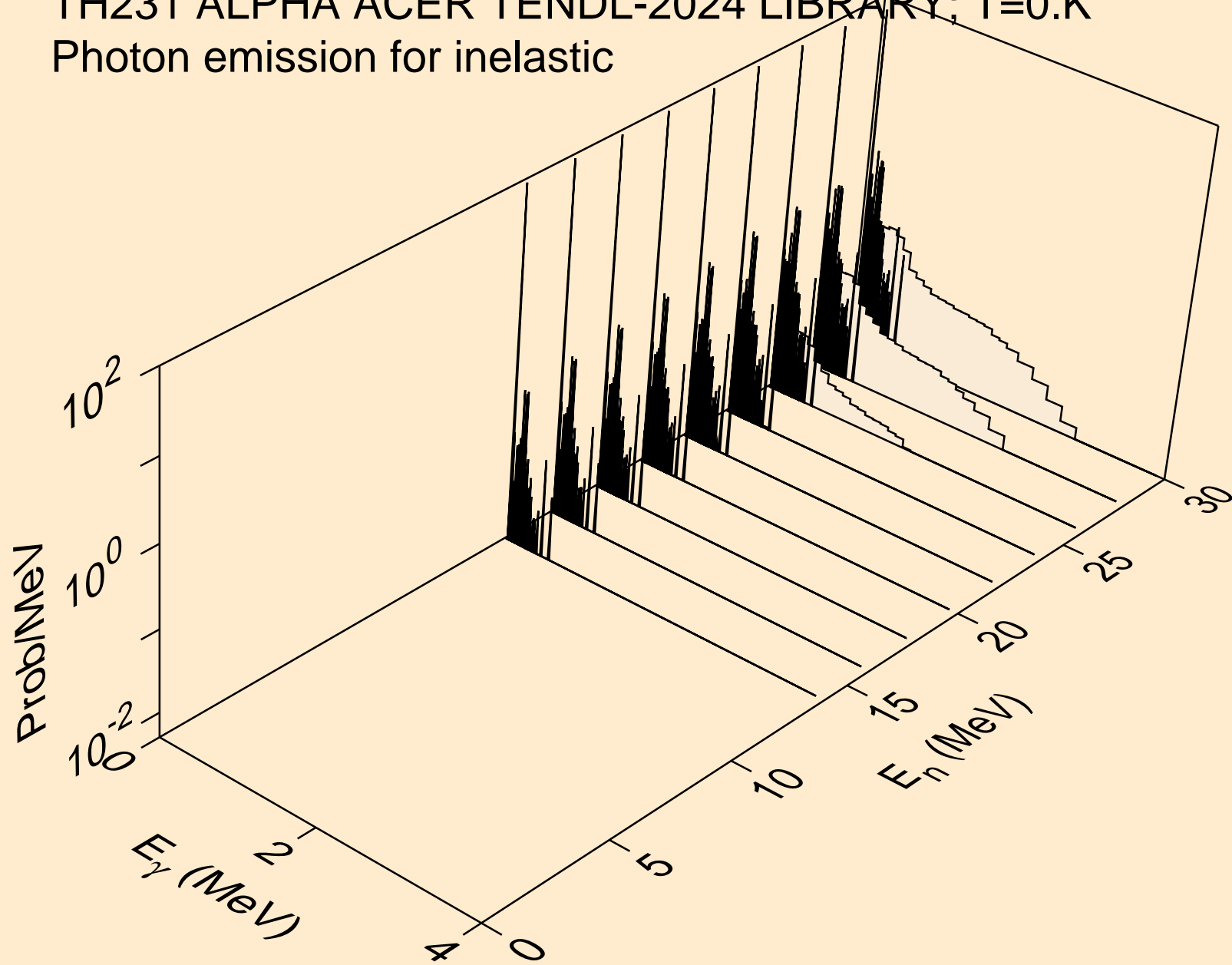
TH231 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



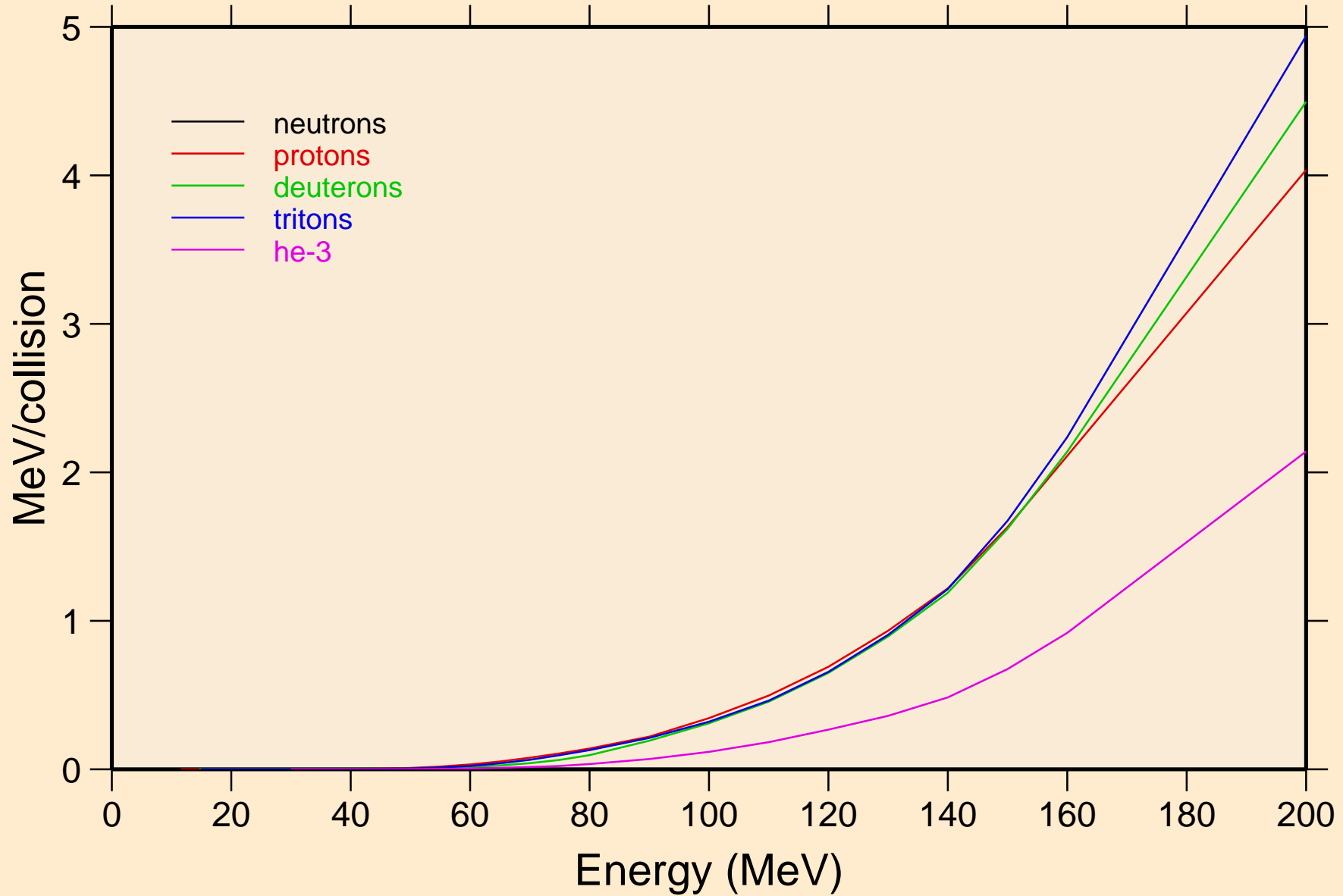
TH231 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



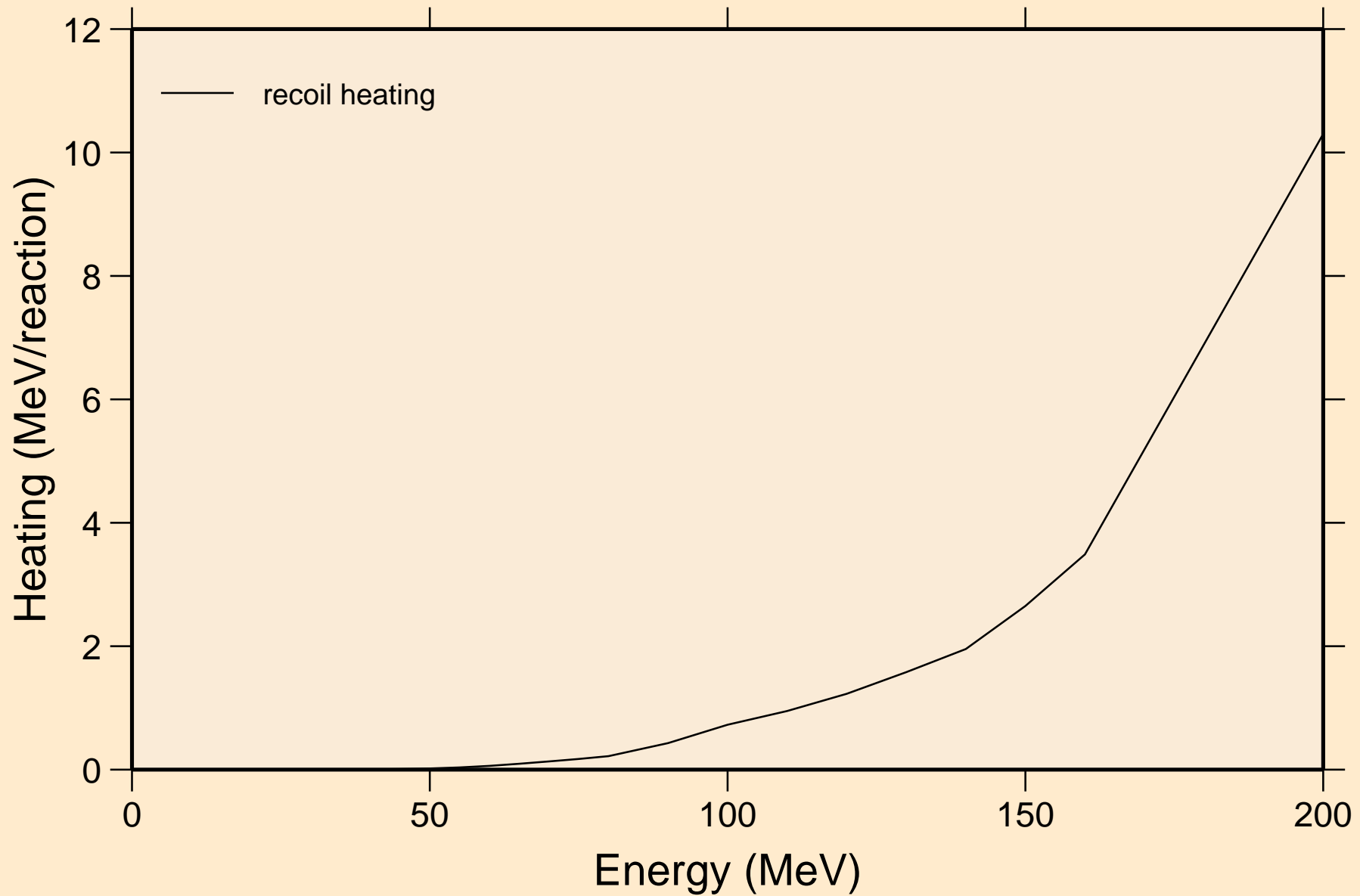
TH231 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic



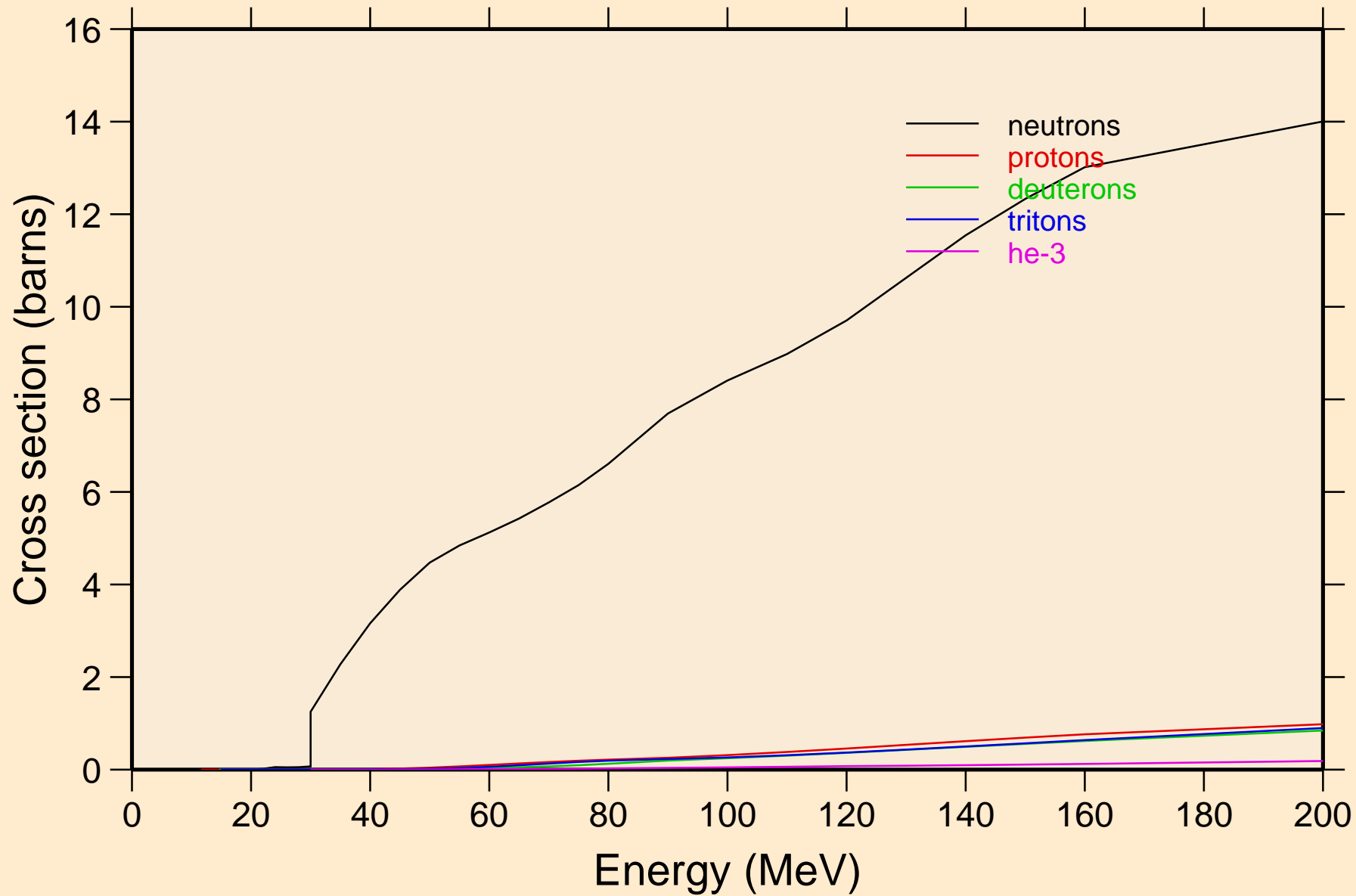
TH231 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Particle heating contributions



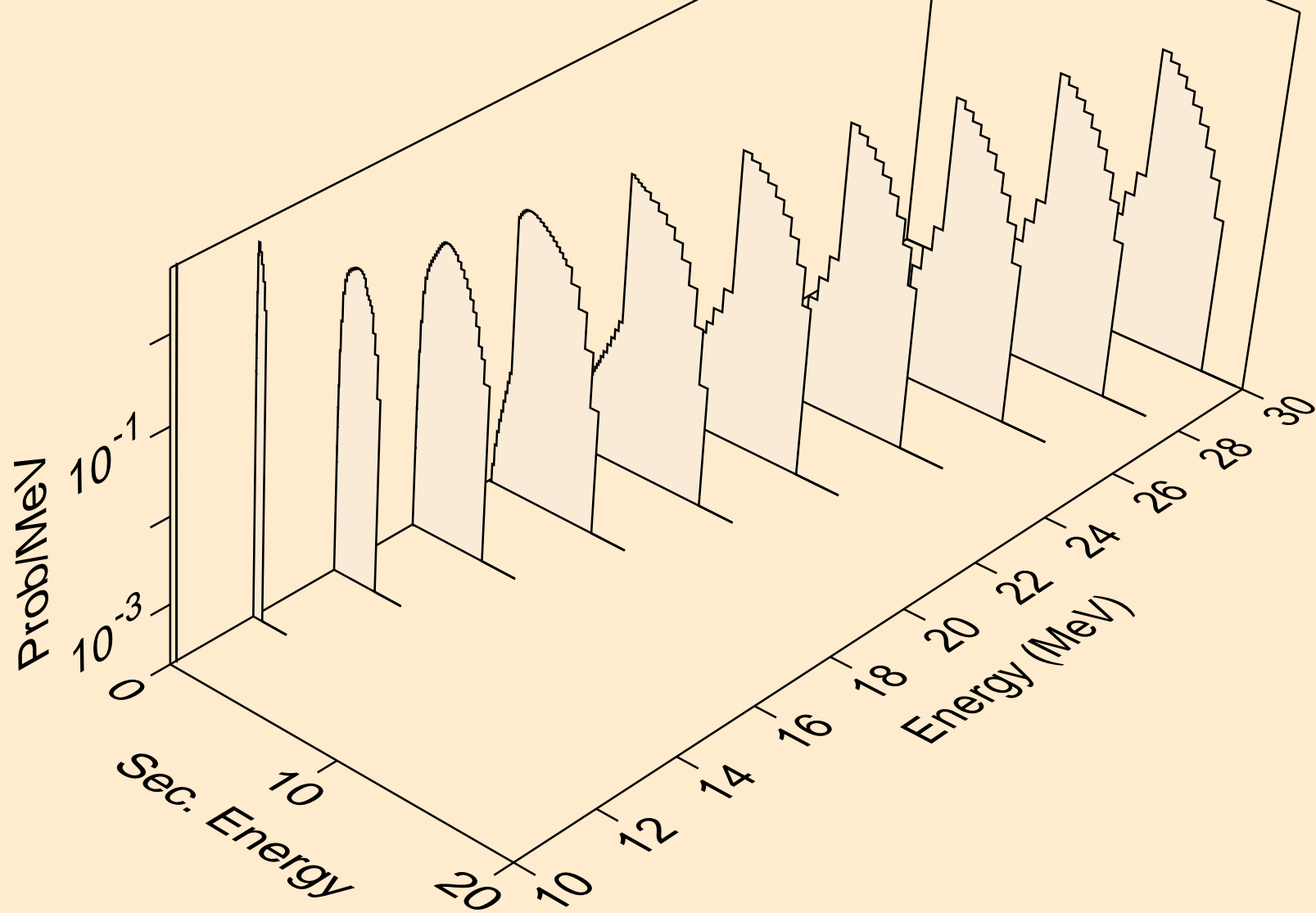
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Recoil Heating



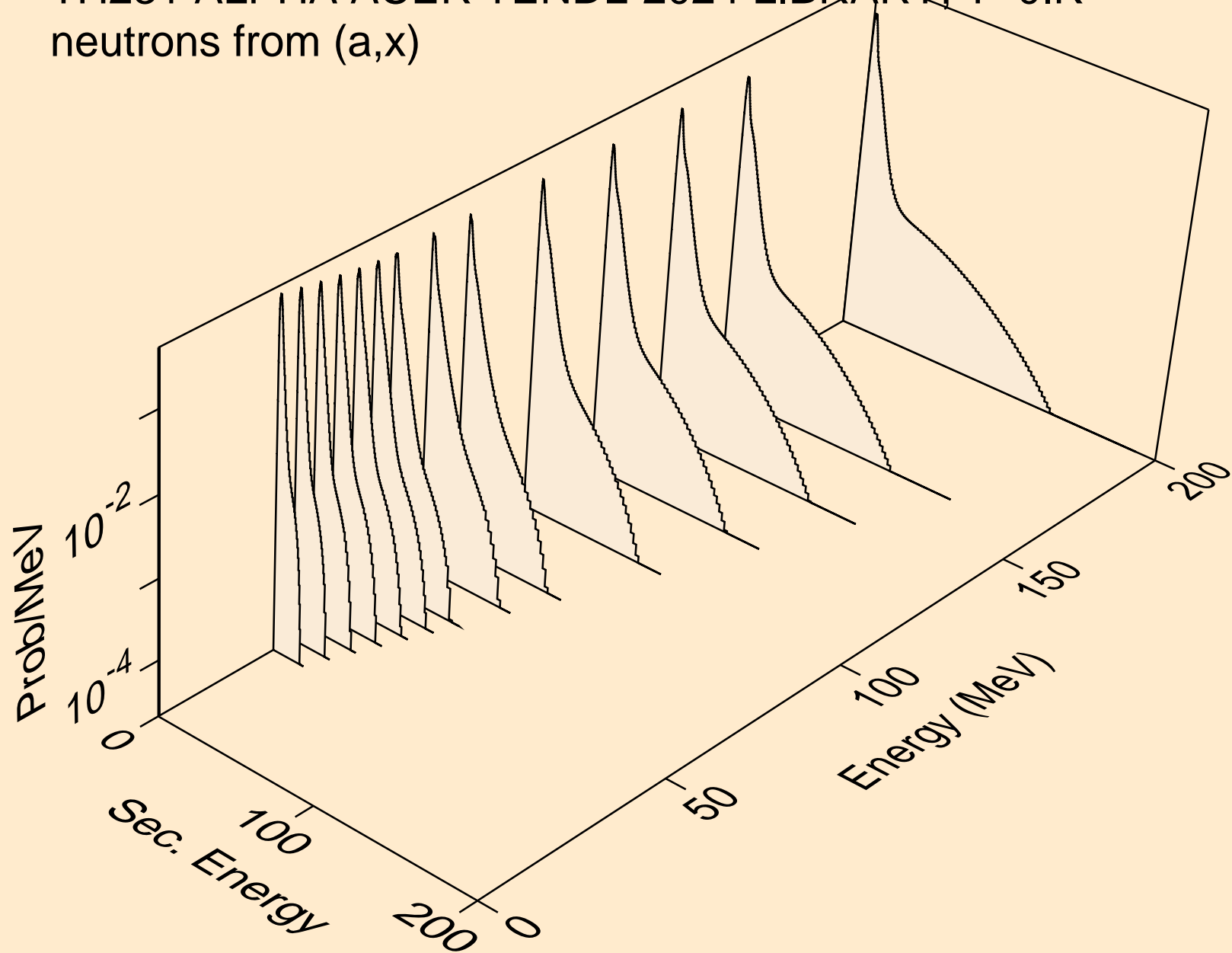
TH231 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



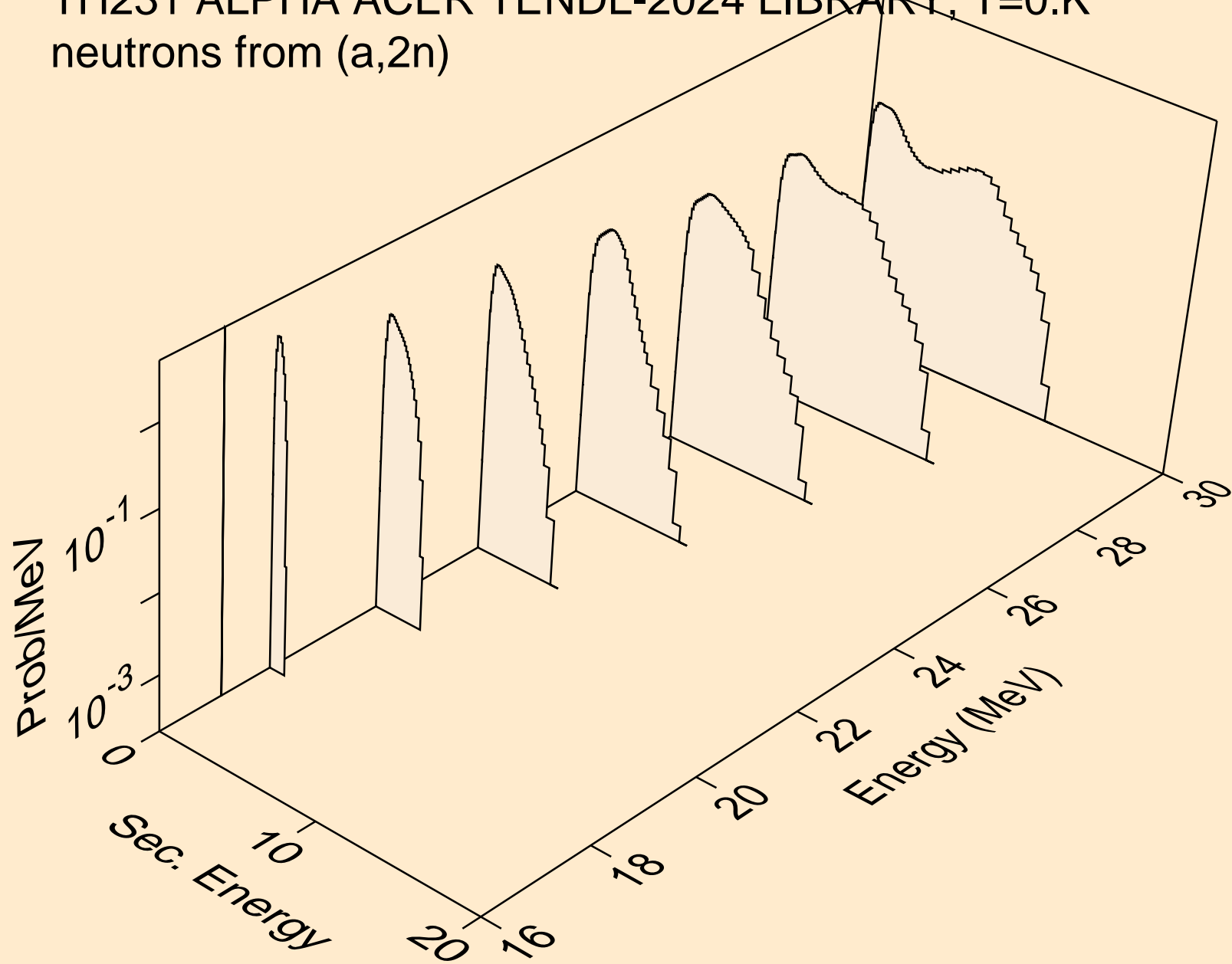
TH231 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n)



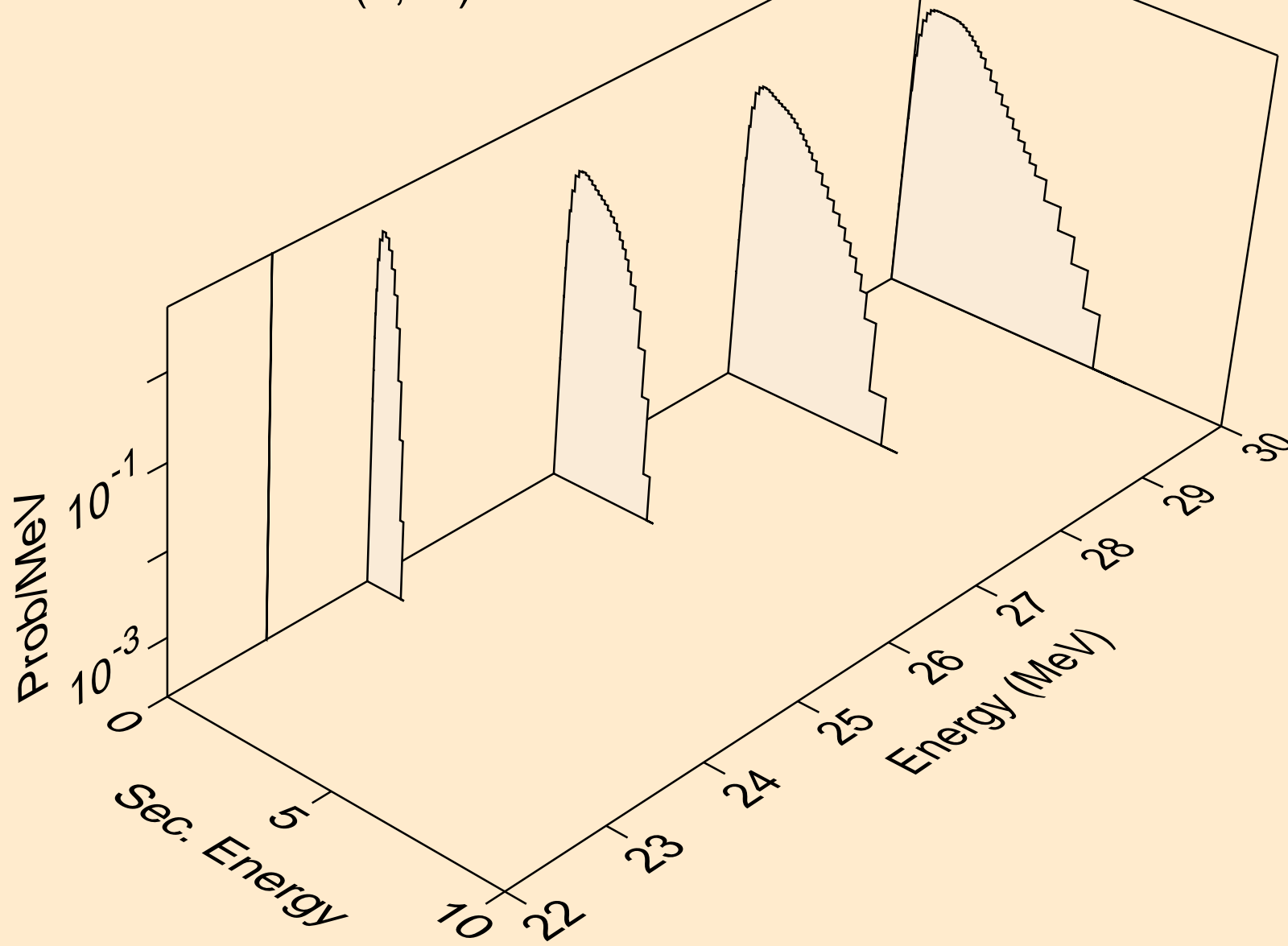
TH231 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,x)



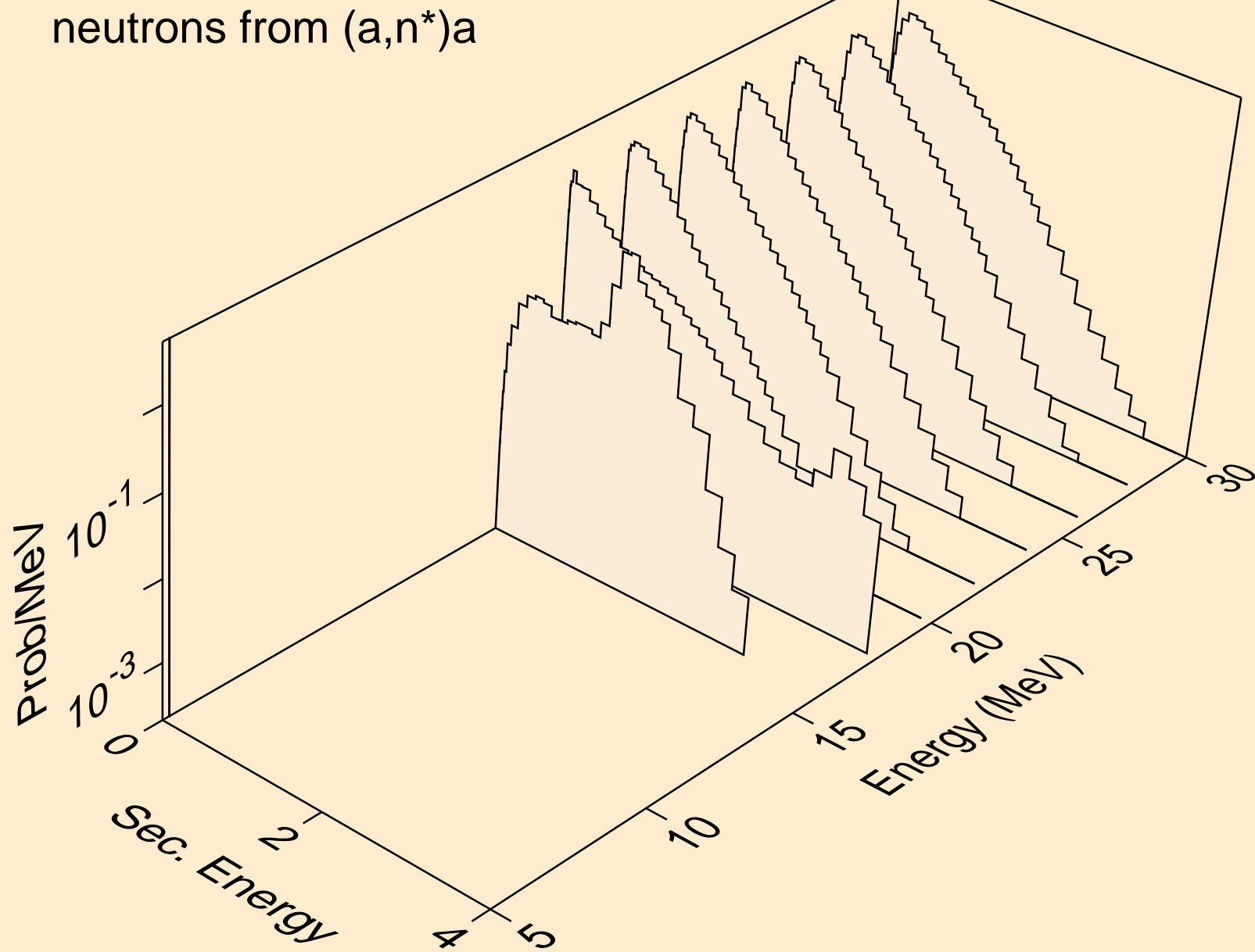
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neutrons from (a,2n)



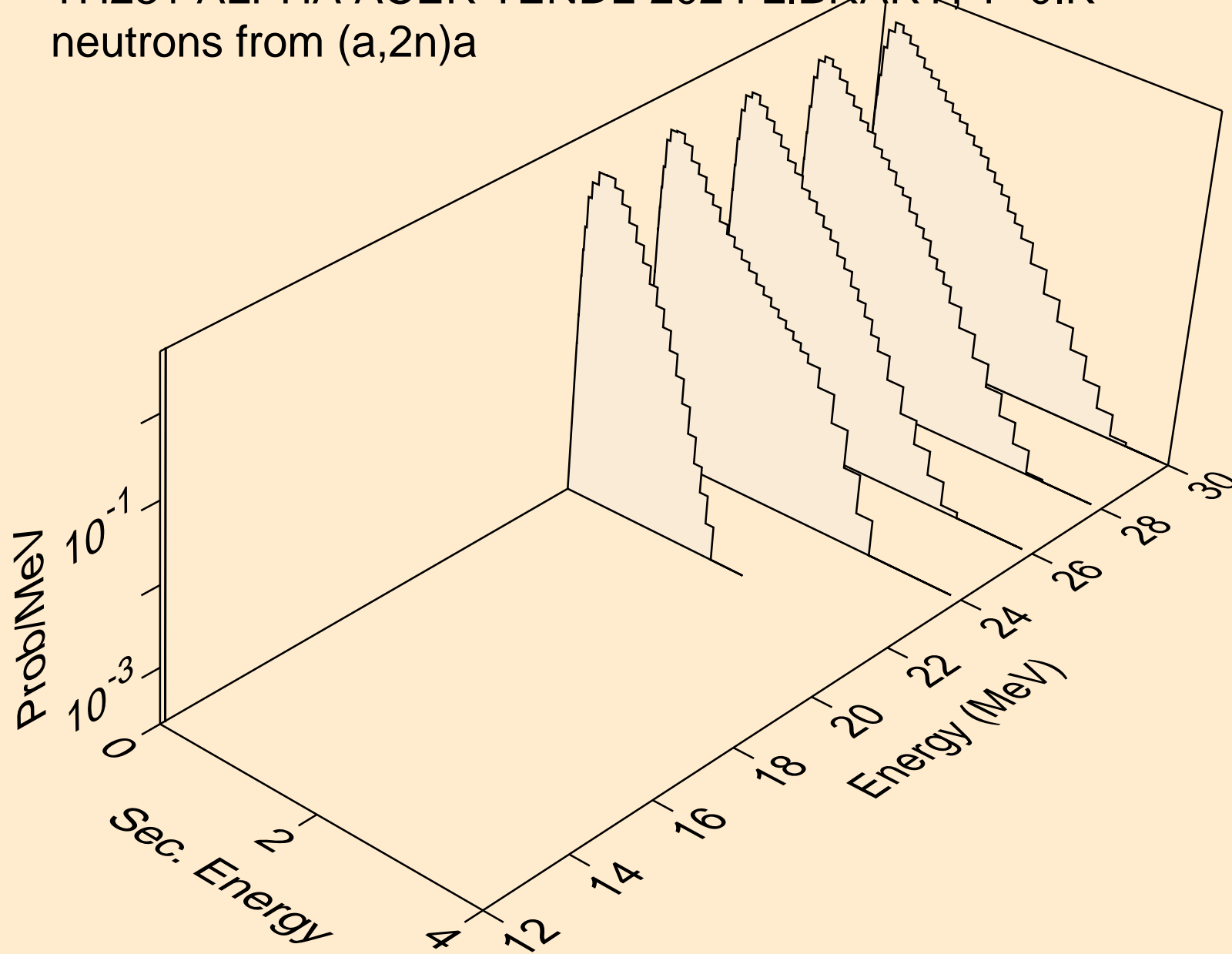
TH231 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,3n)



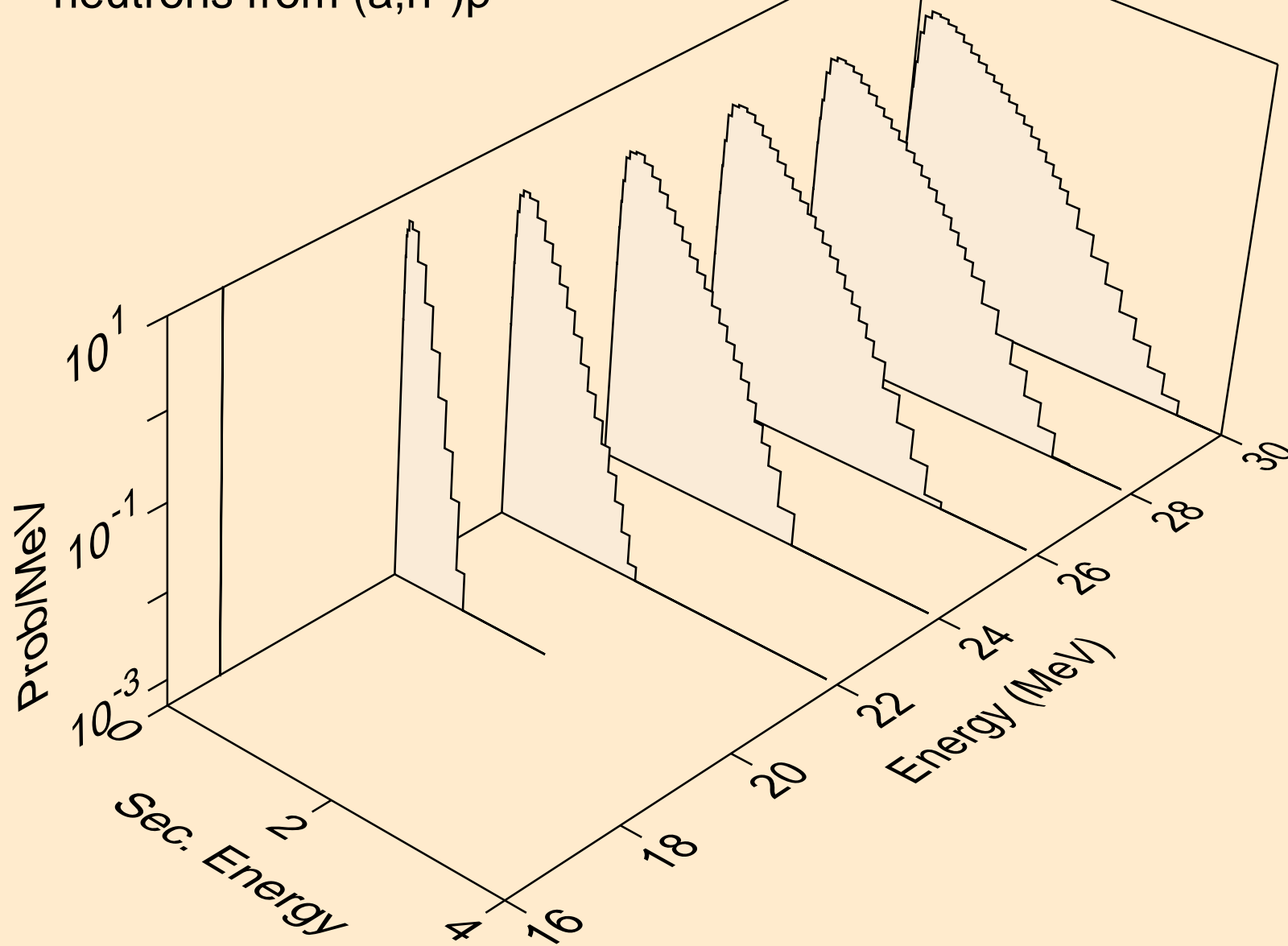
TH231 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)a



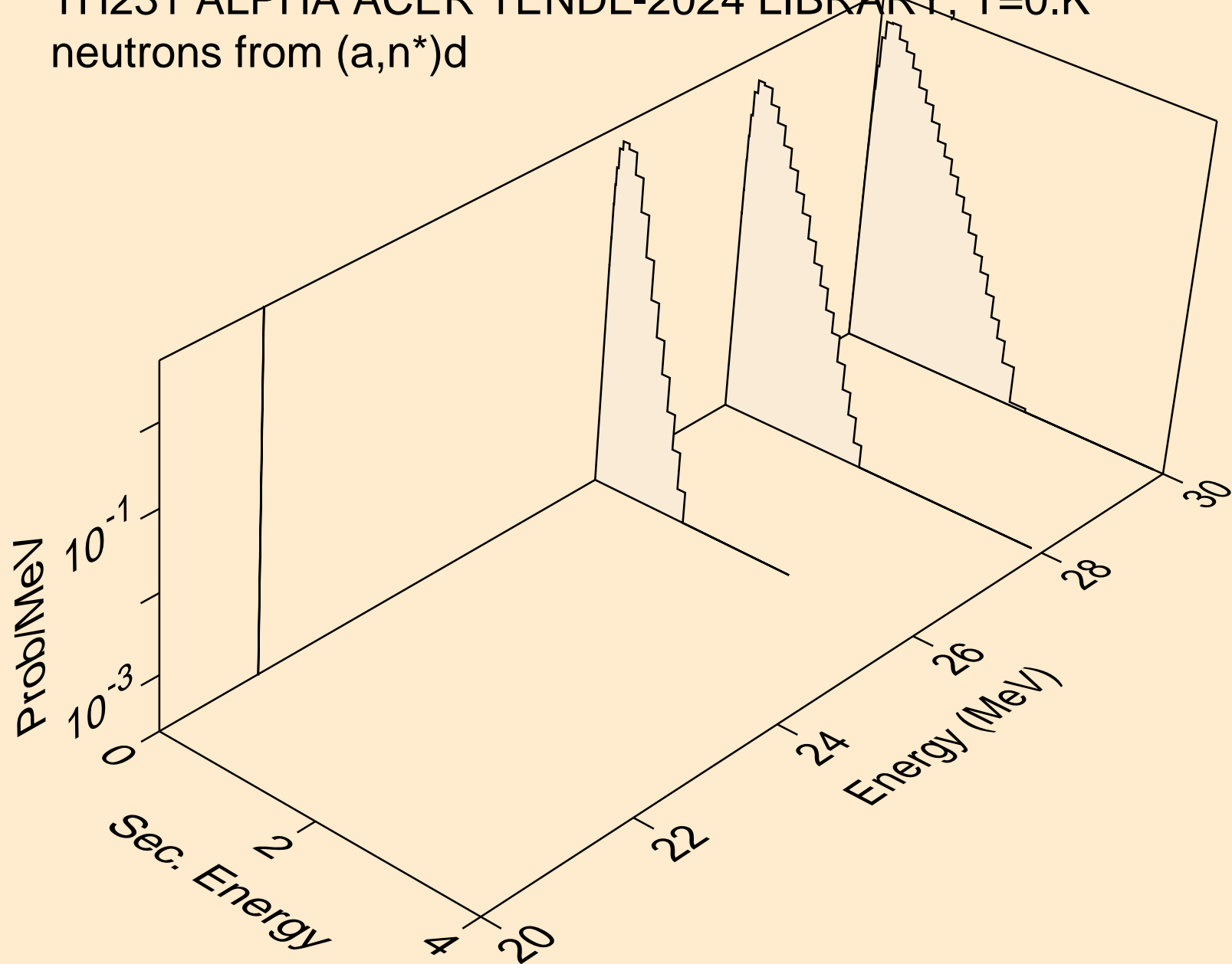
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neutrons from (a,2n)a



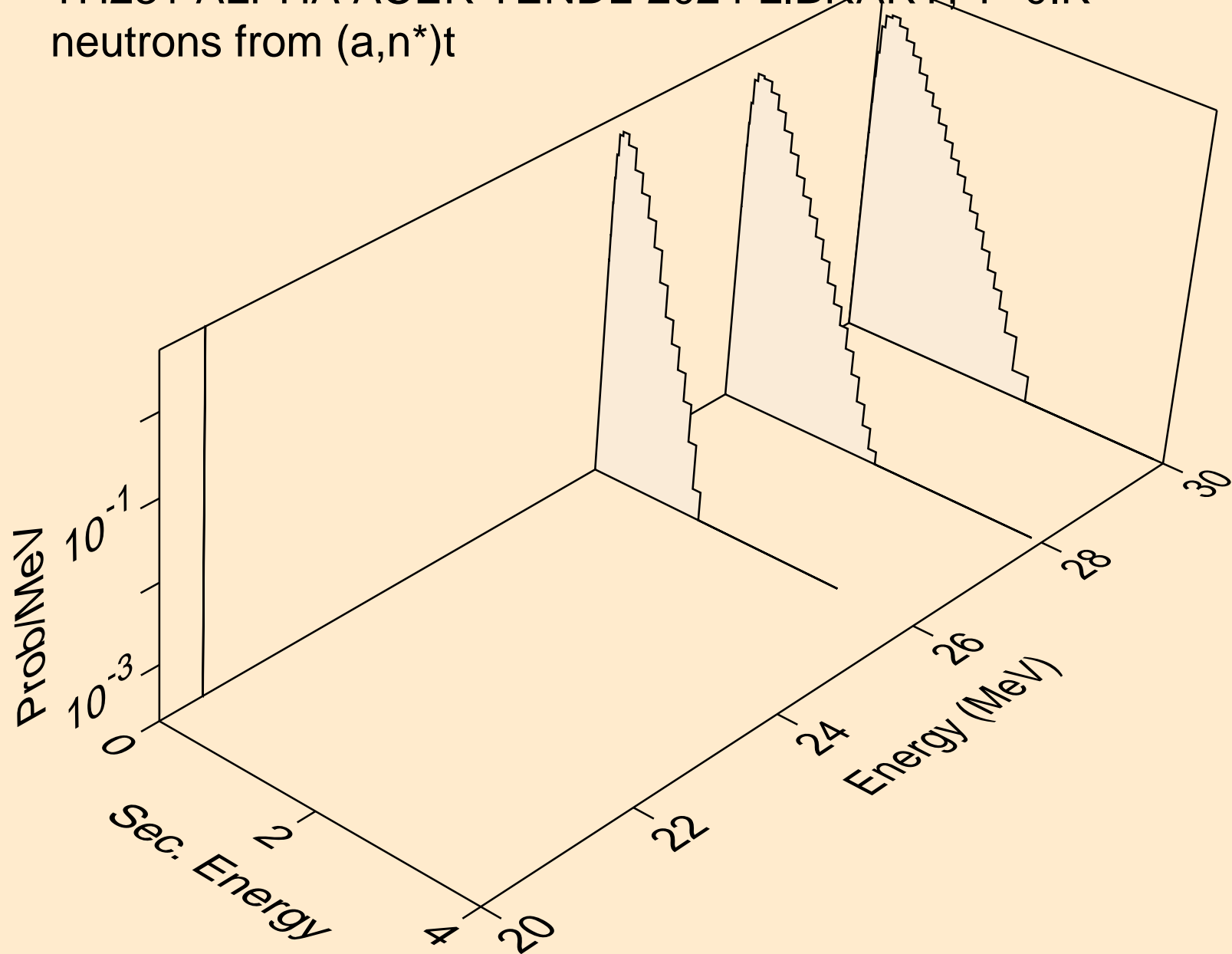
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neutrons from (a,n\*)p



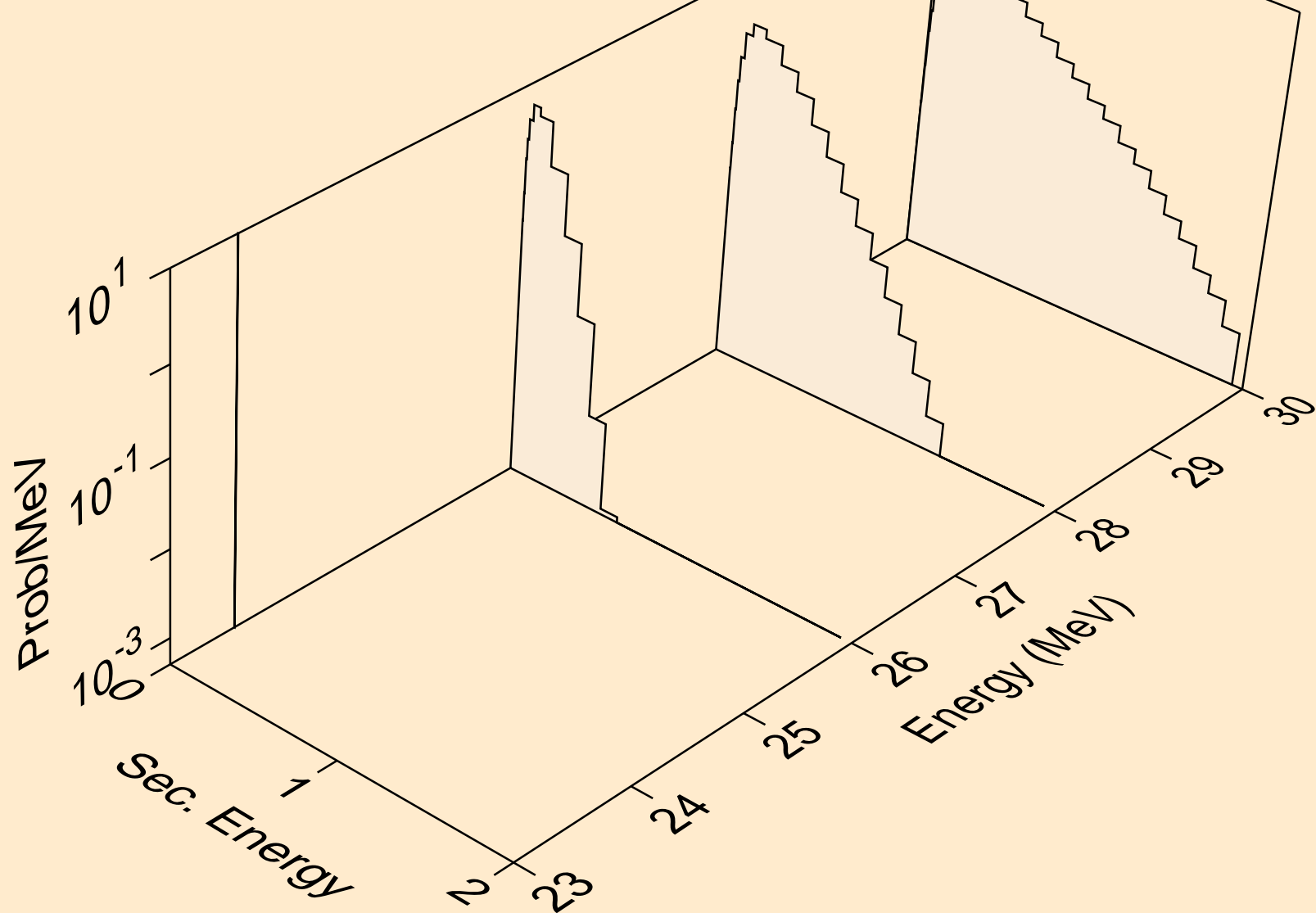
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neutrons from (a,n\*)d



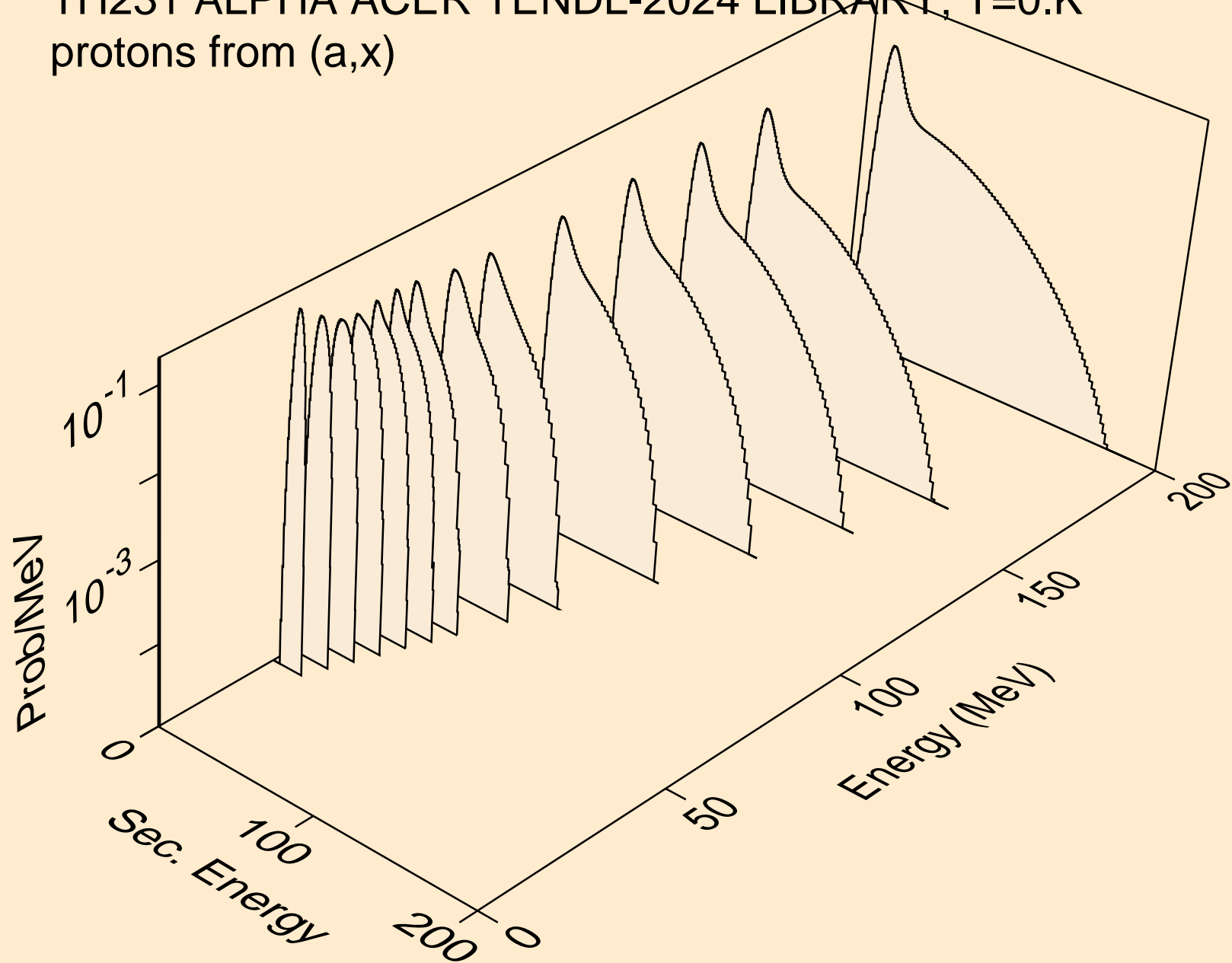
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neutrons from (a,n\*)t



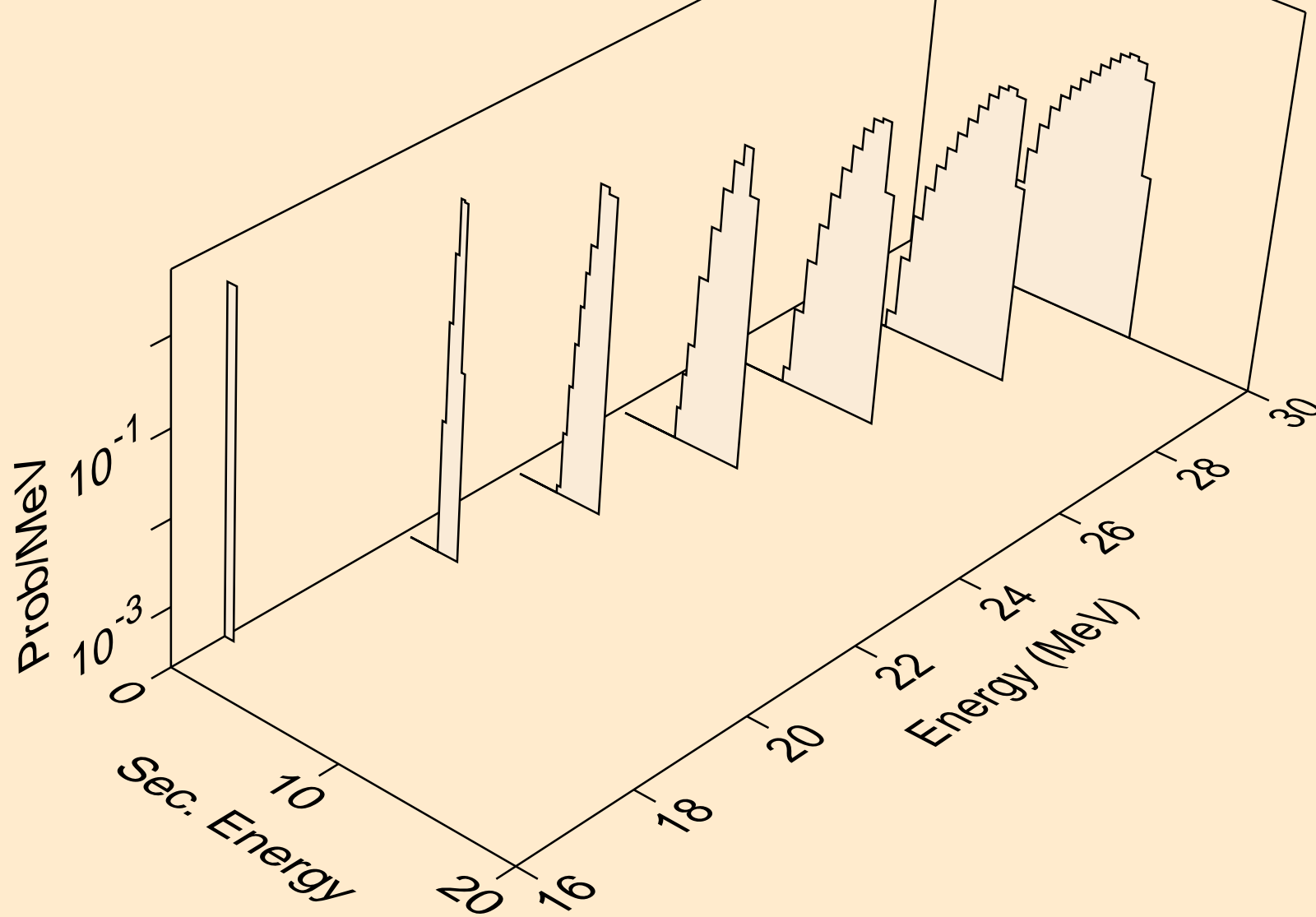
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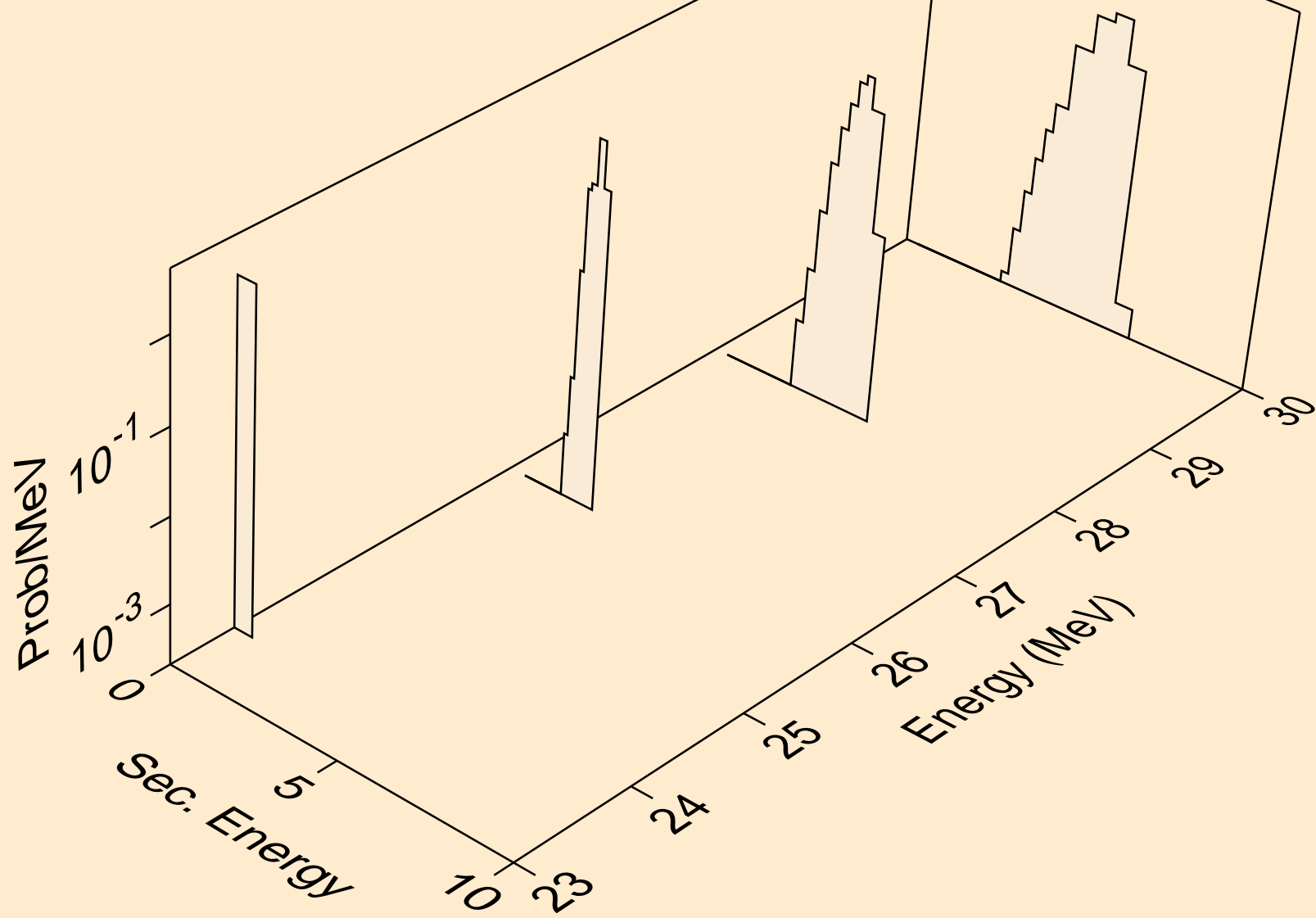
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protons from (a,x)



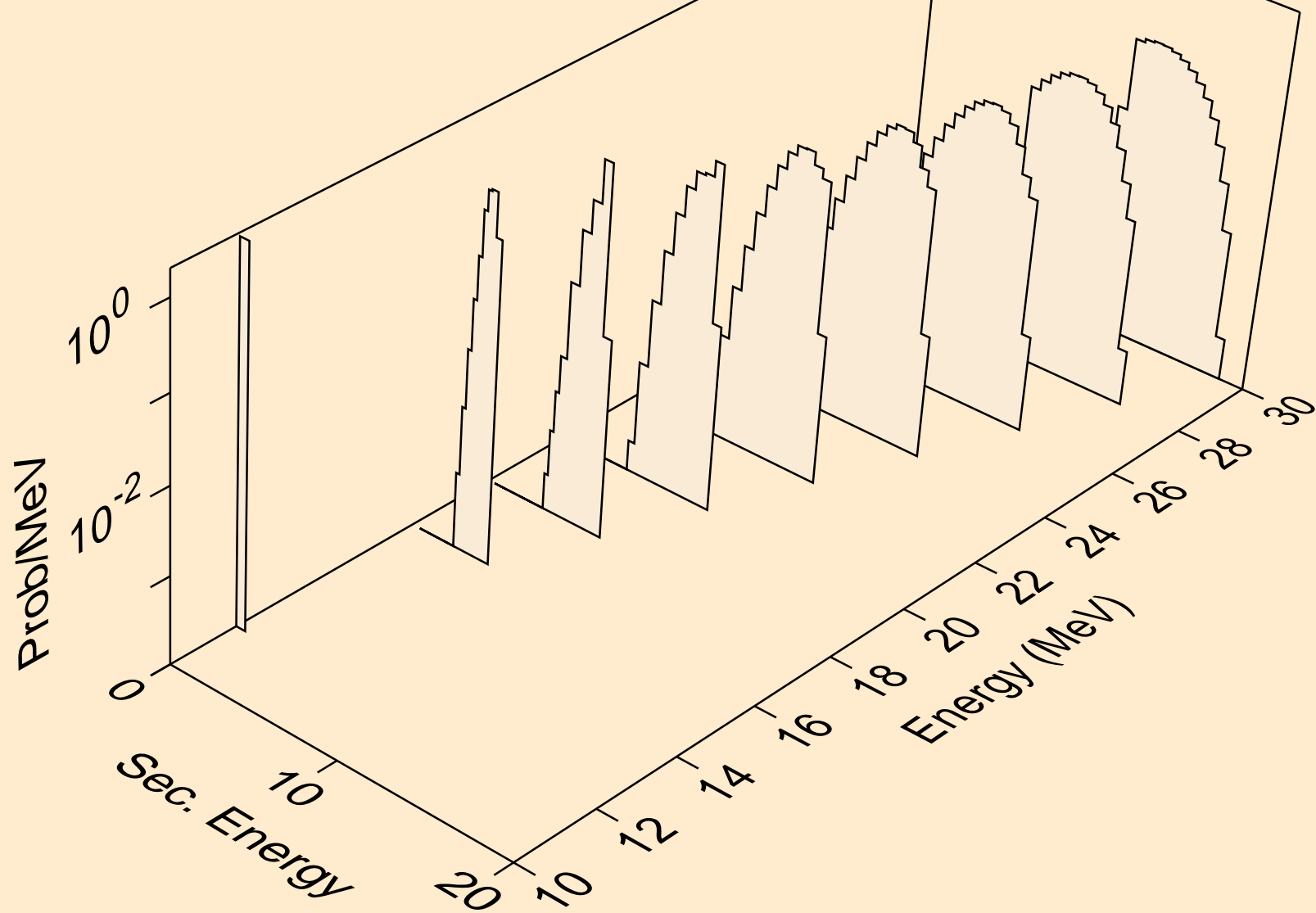
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protons from (a,n\*)p



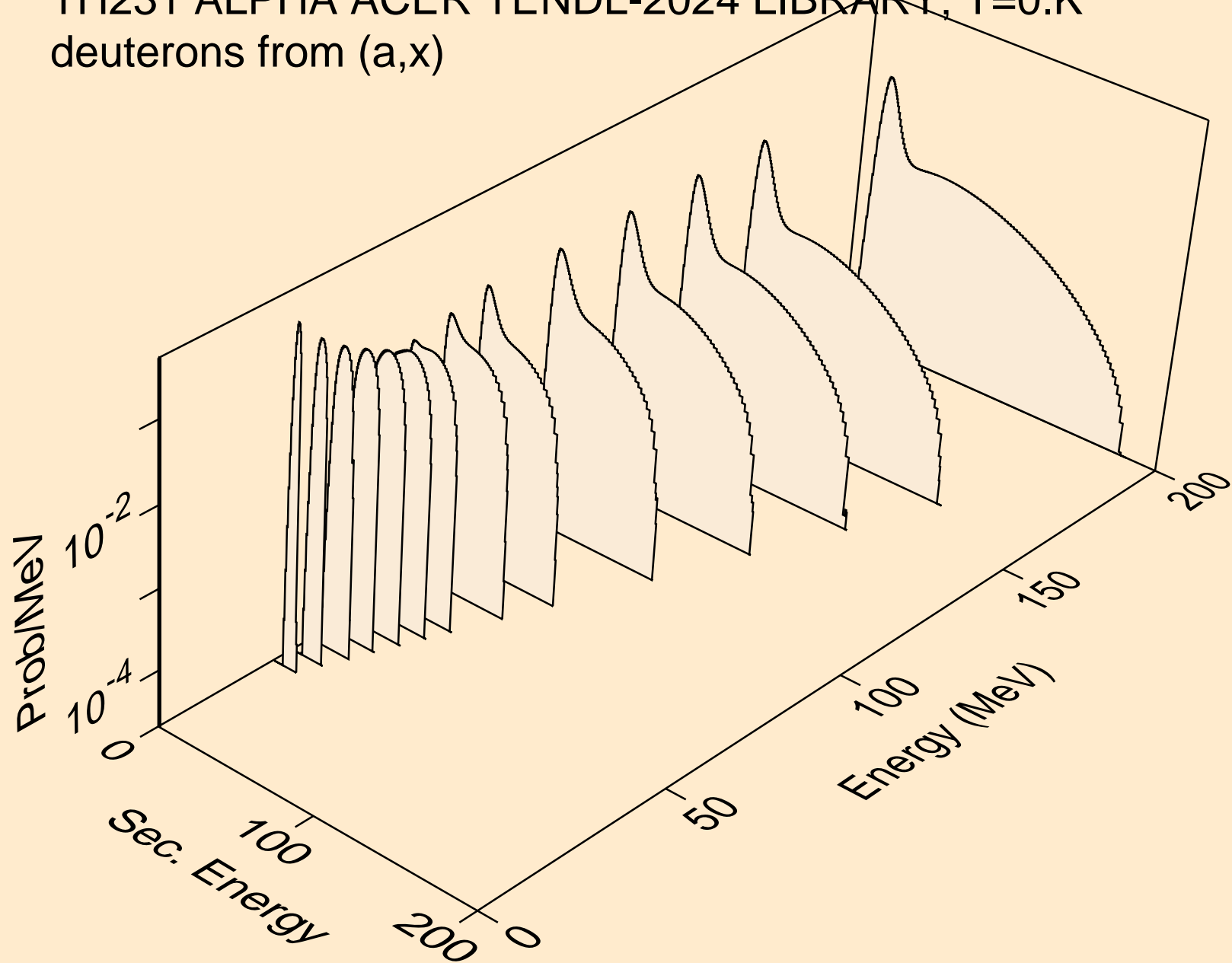
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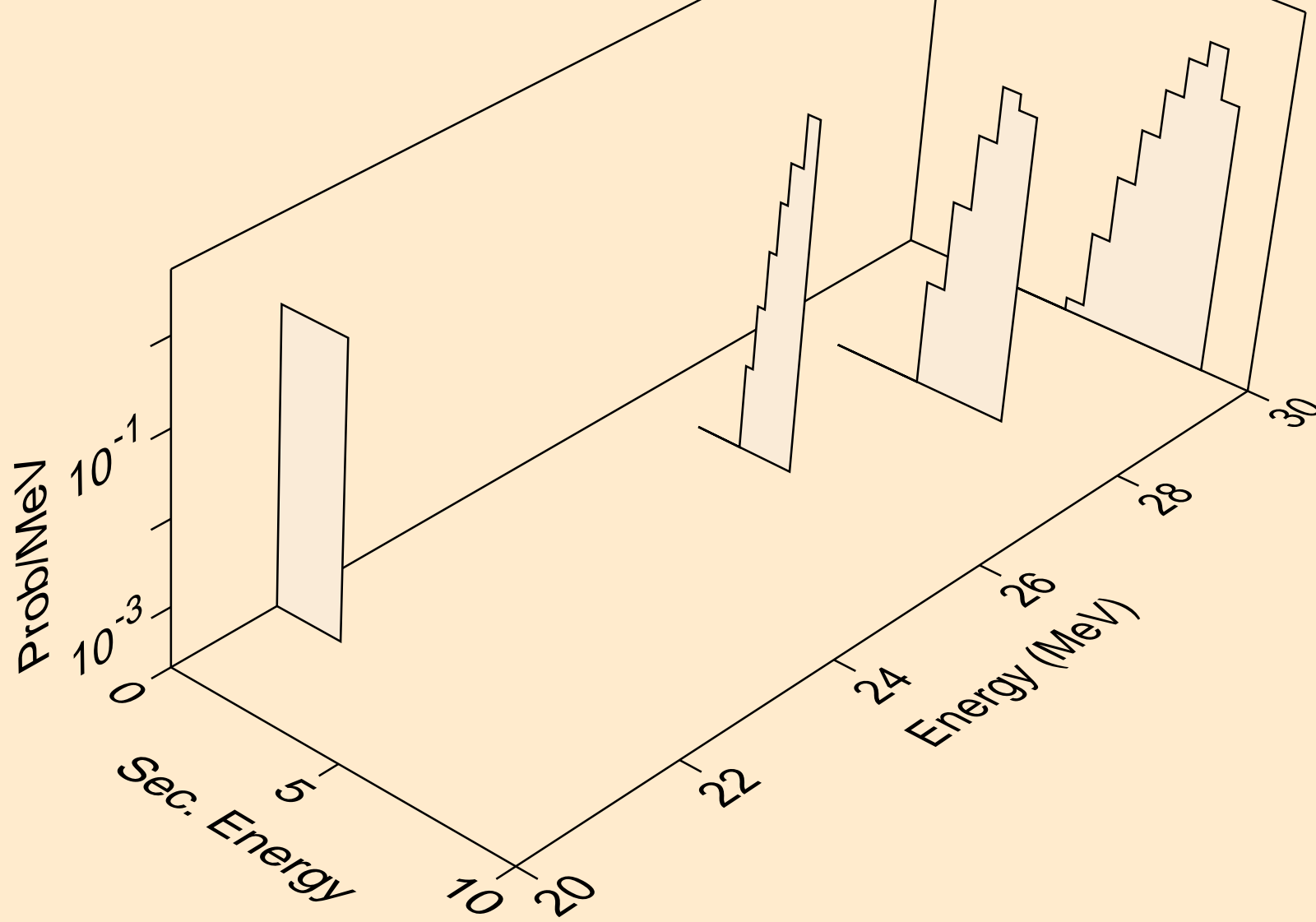
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protons from (a,p)



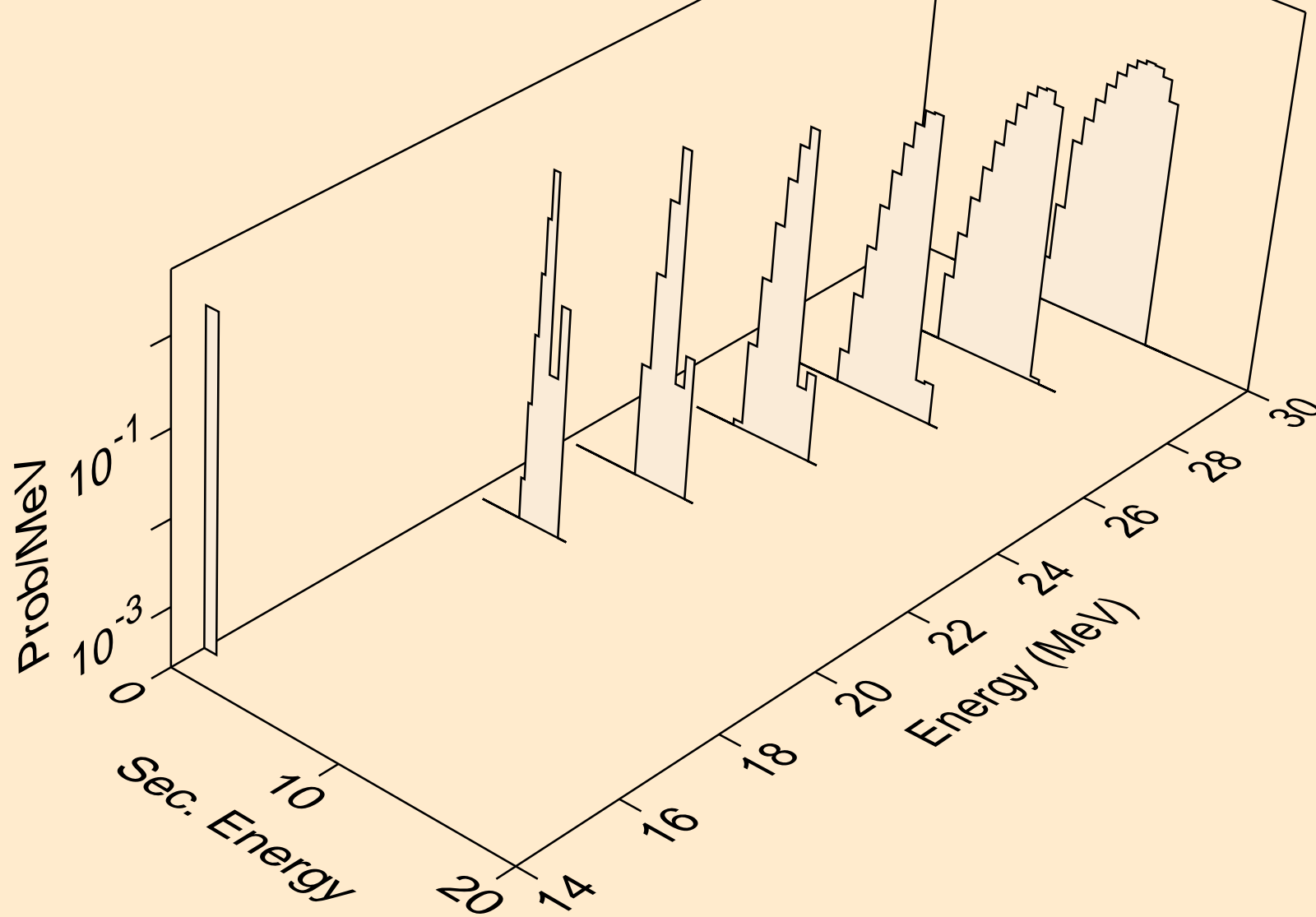
TH231 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (a,x)



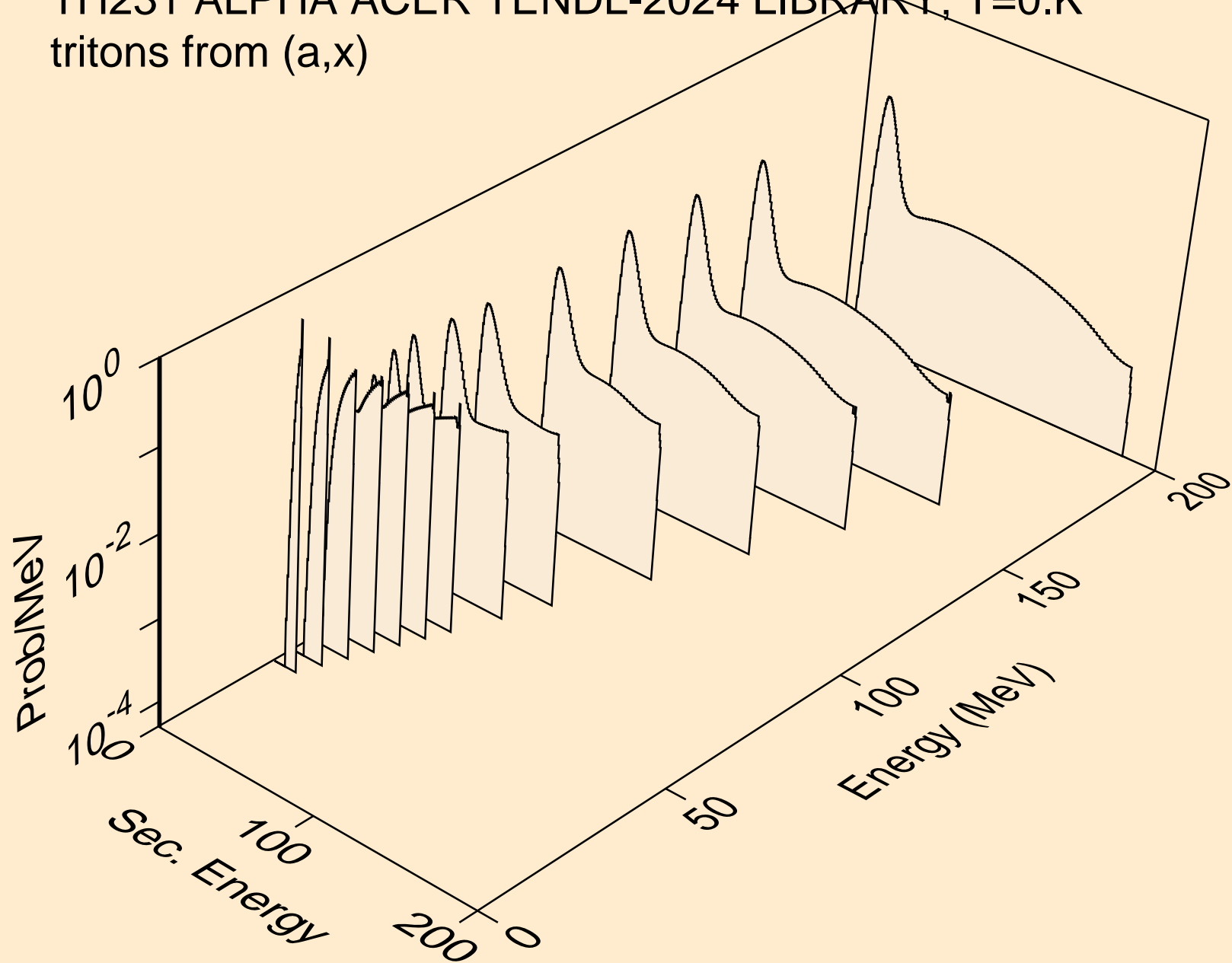
TH231 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (a,n\*)d



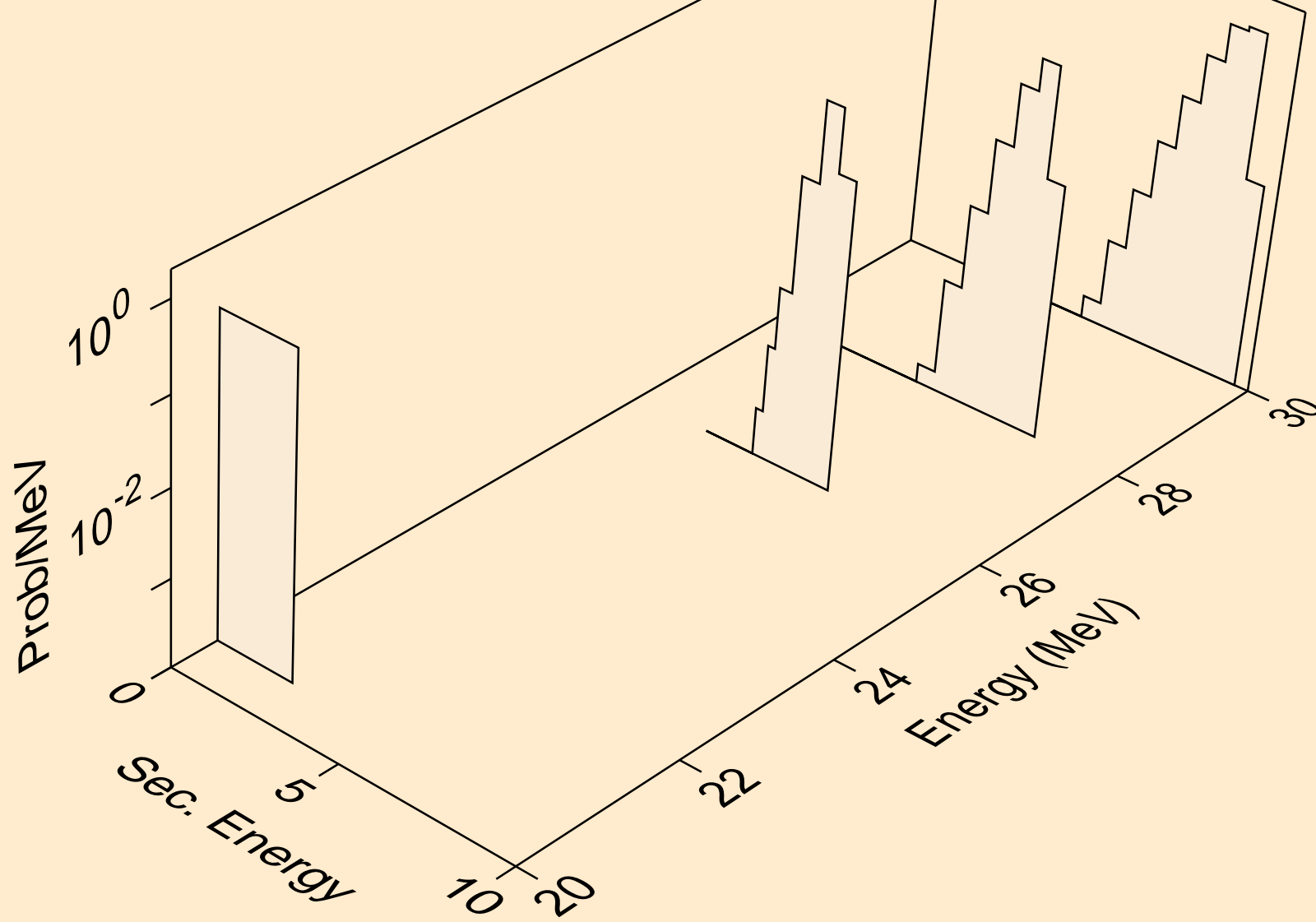
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deuterons from (a,d)



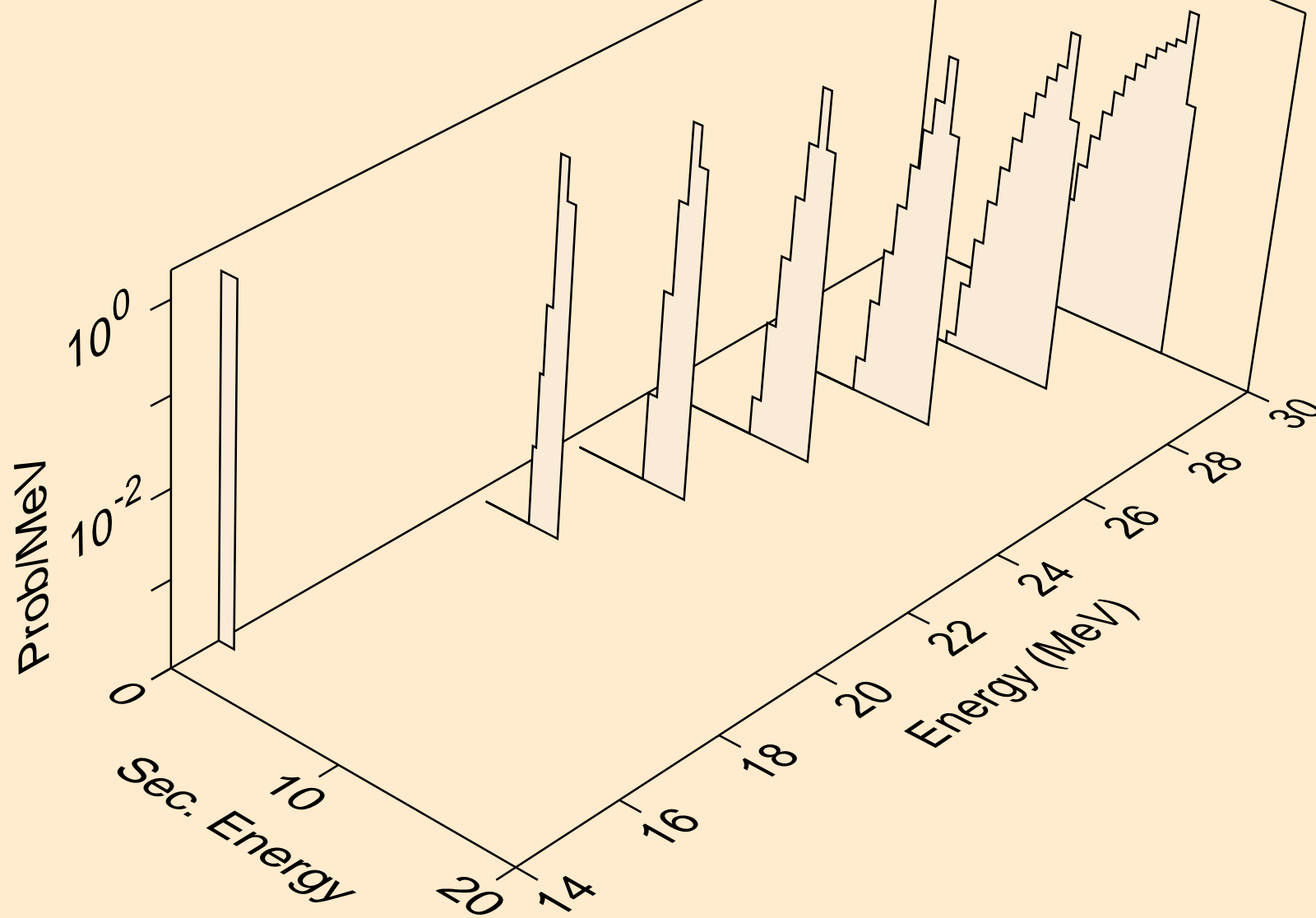
TH231 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,x)



TH231 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,n\*)t



TH231 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,t)



TH231 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (a,x)

