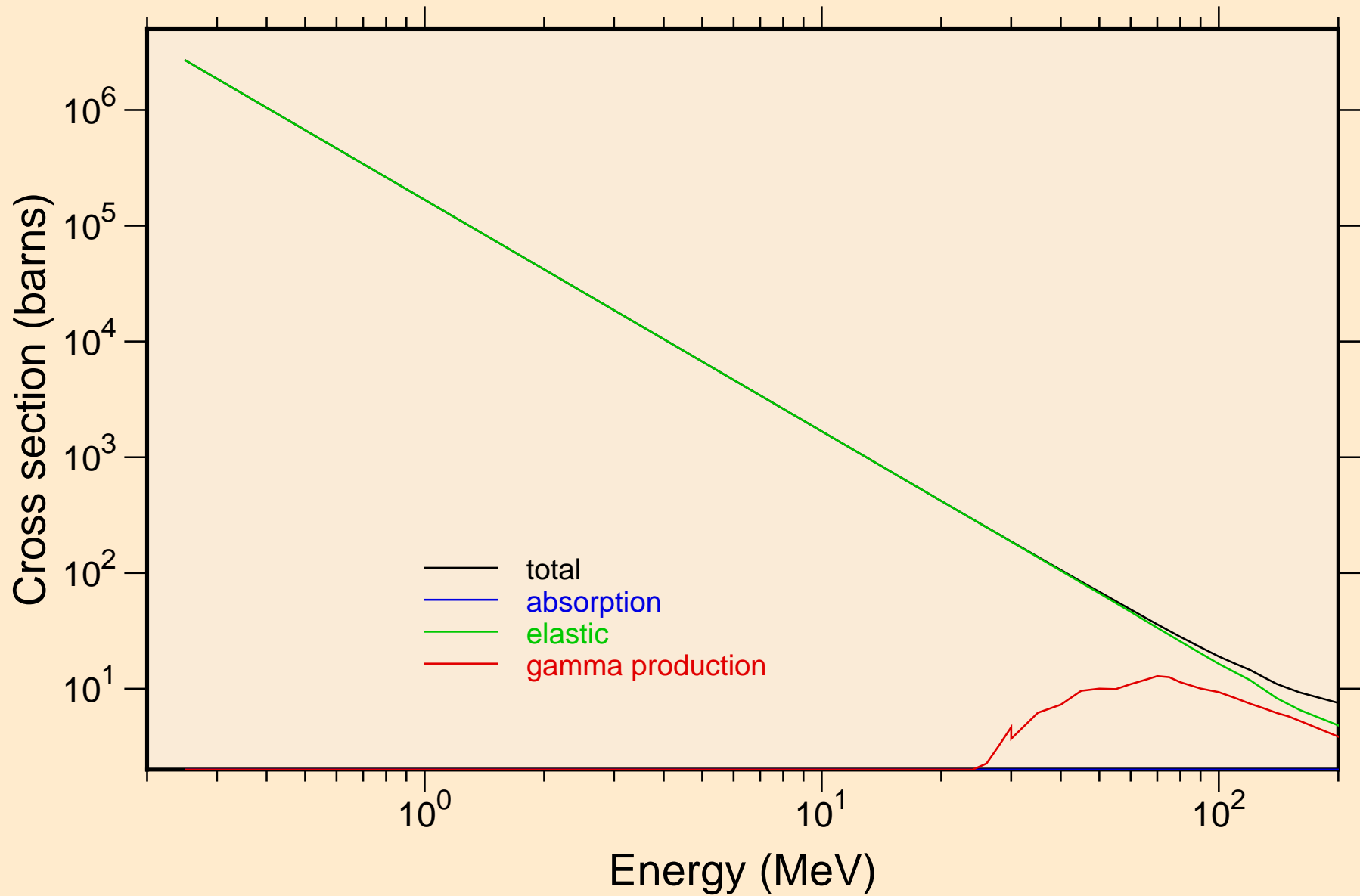
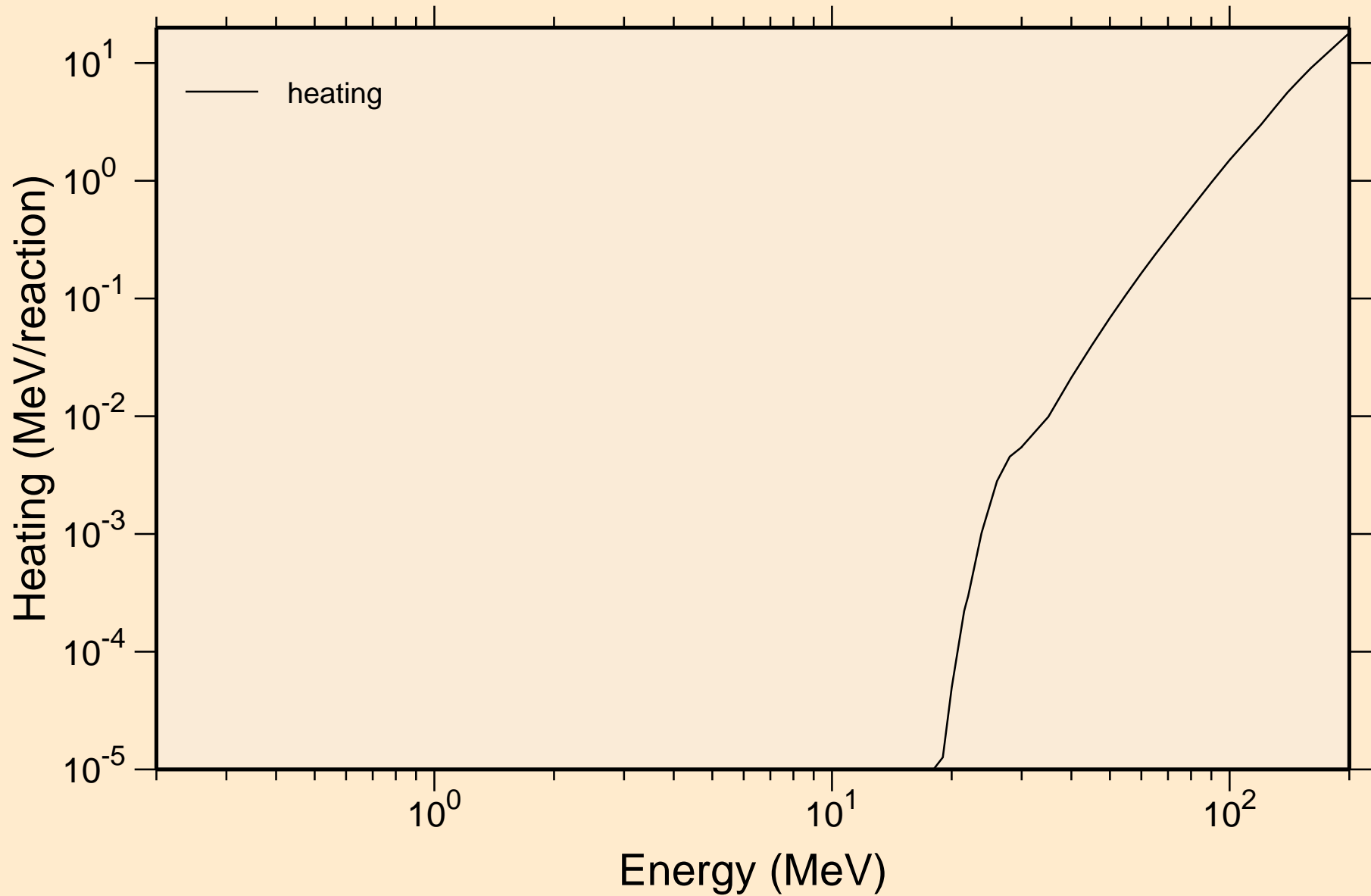


TL197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections

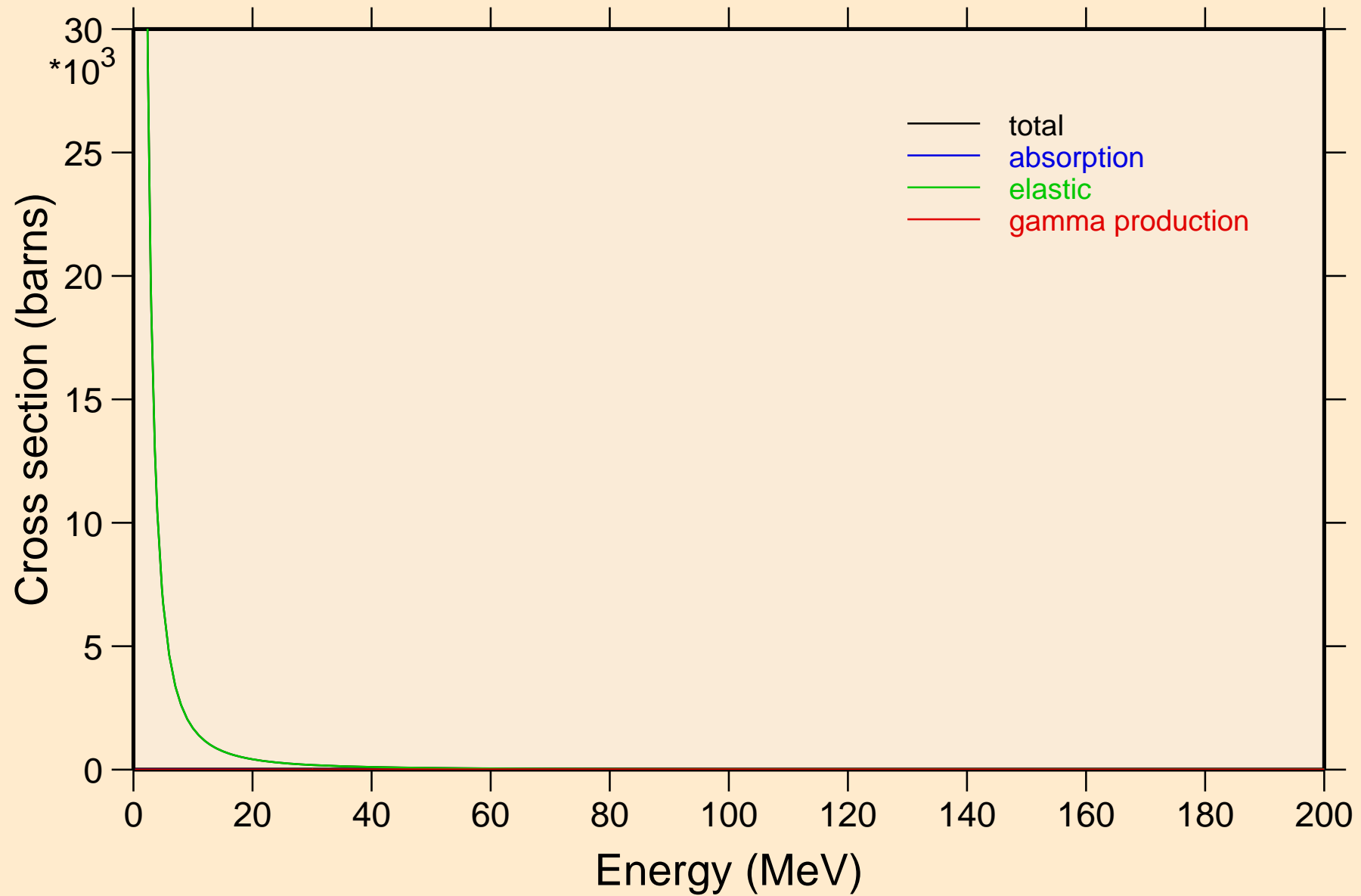


TL197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Heating



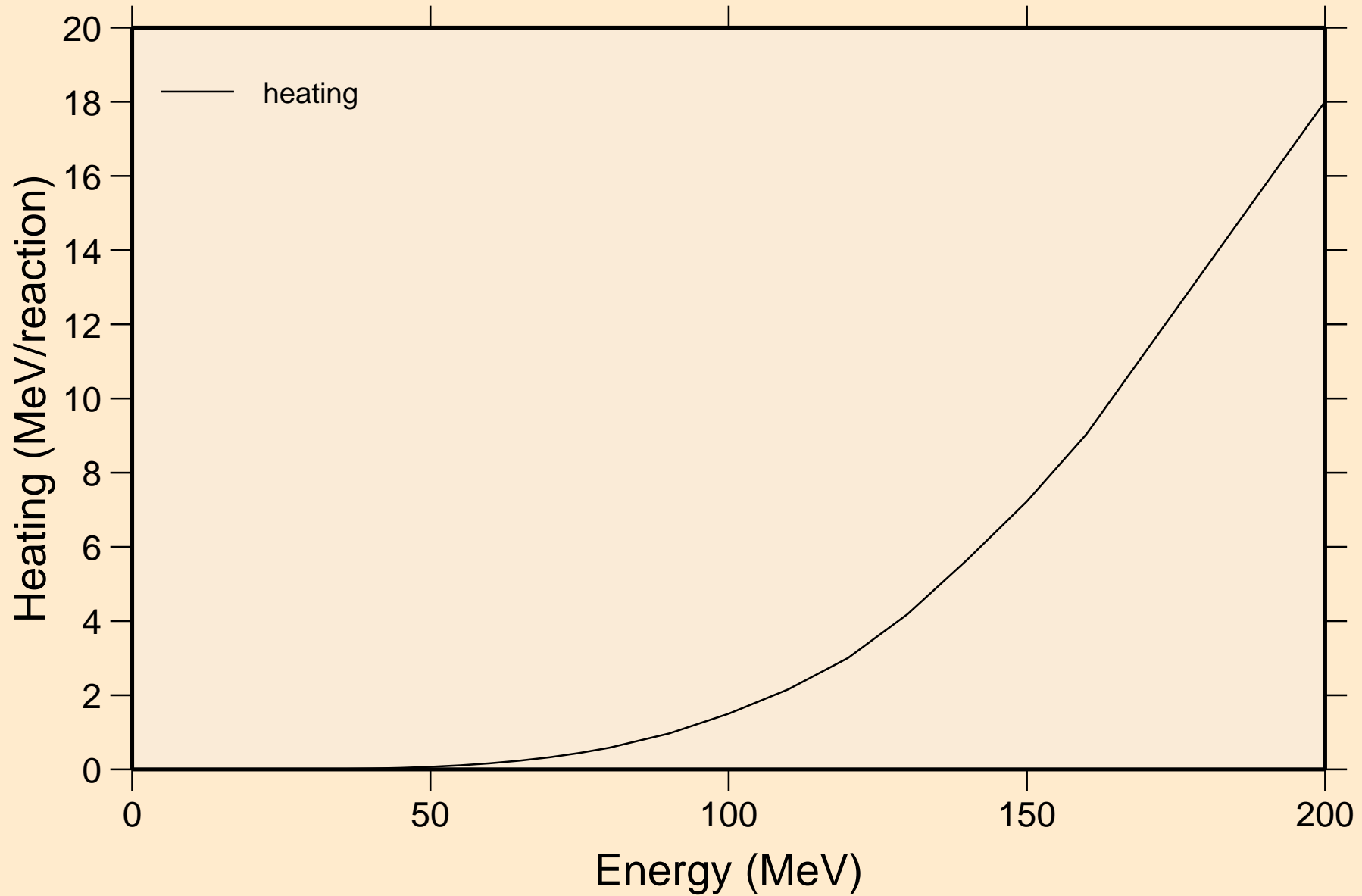
# TL197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

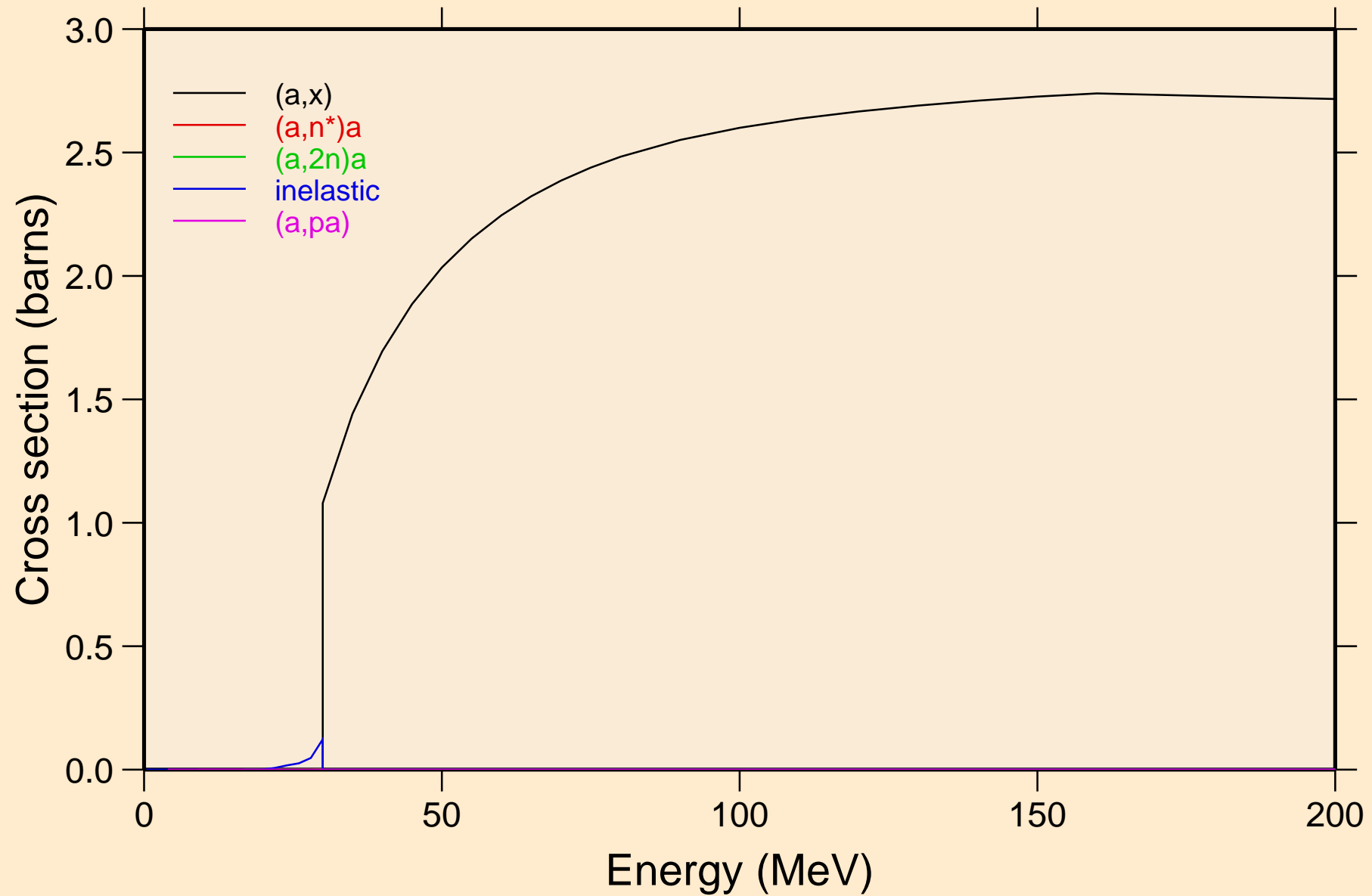


TL197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

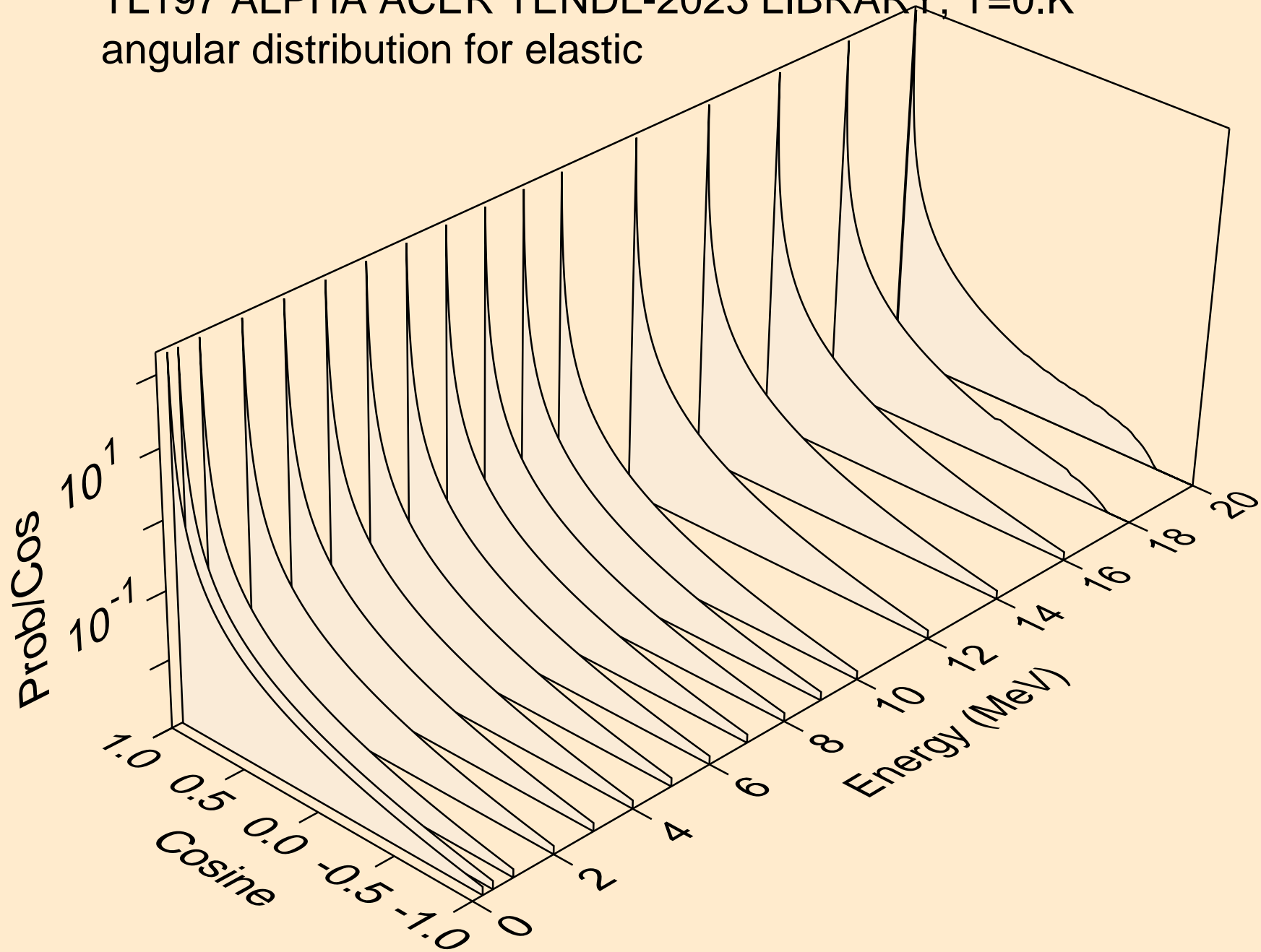
Heating



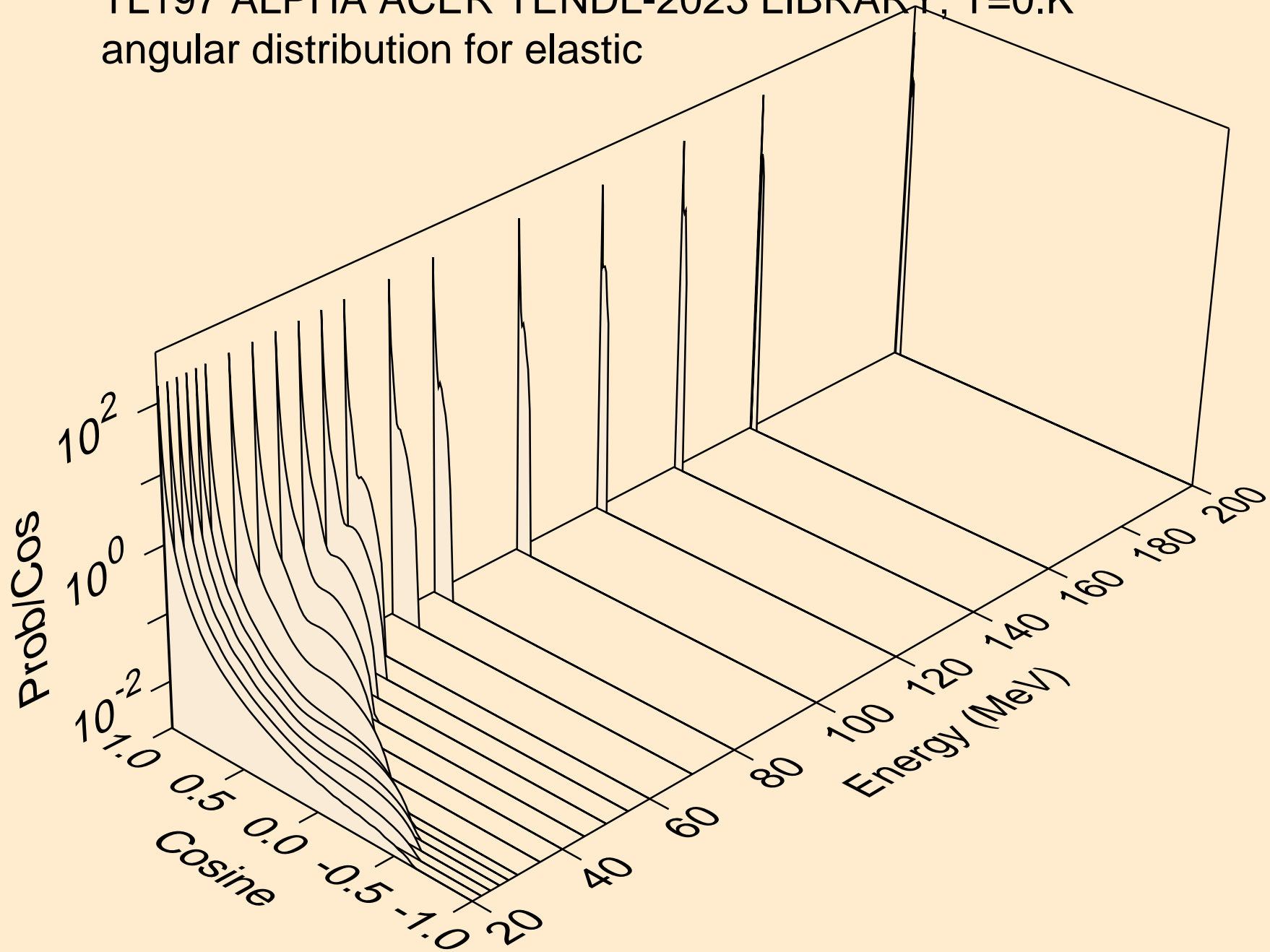
TL197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



TL197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

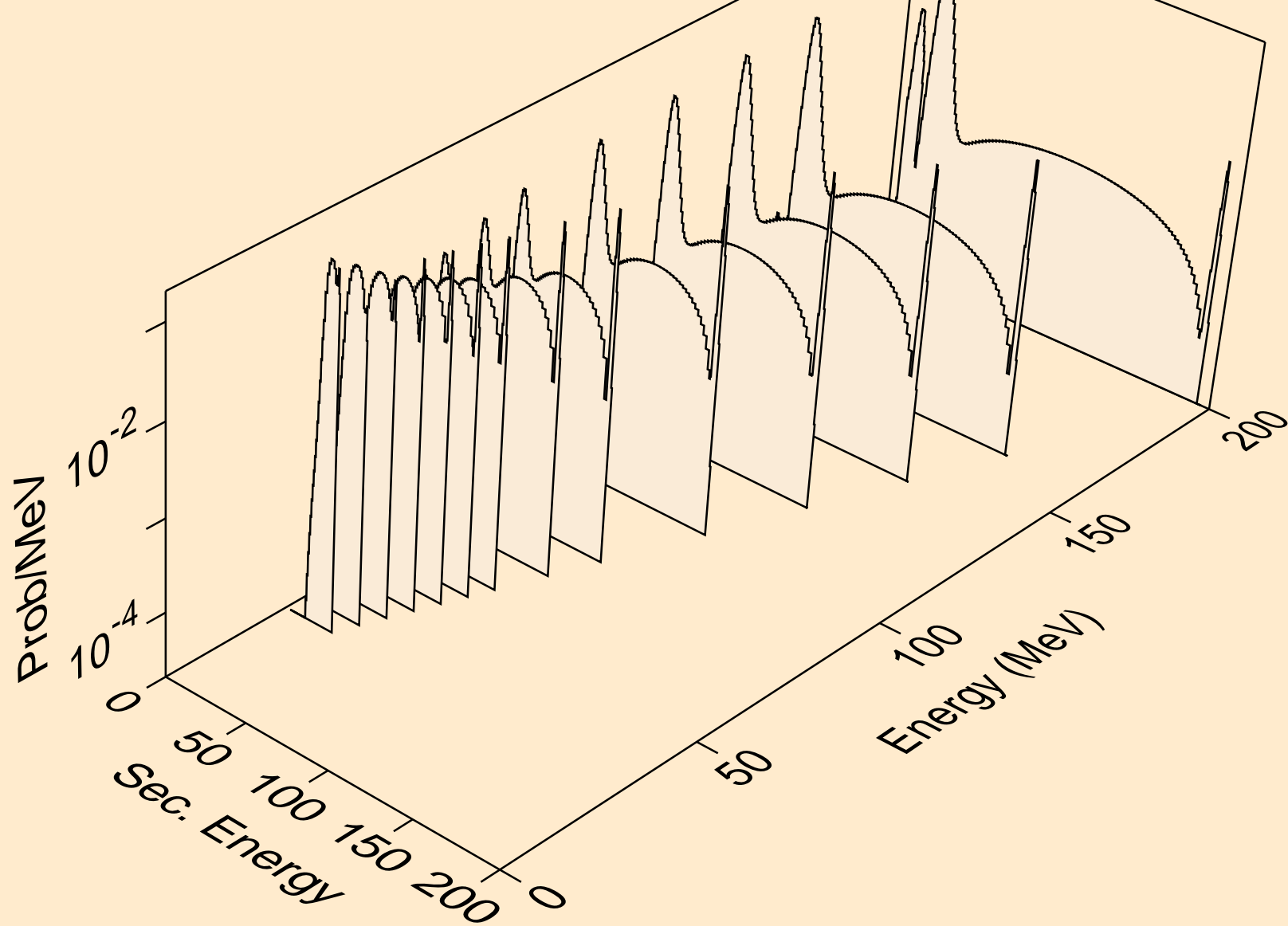


TL197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

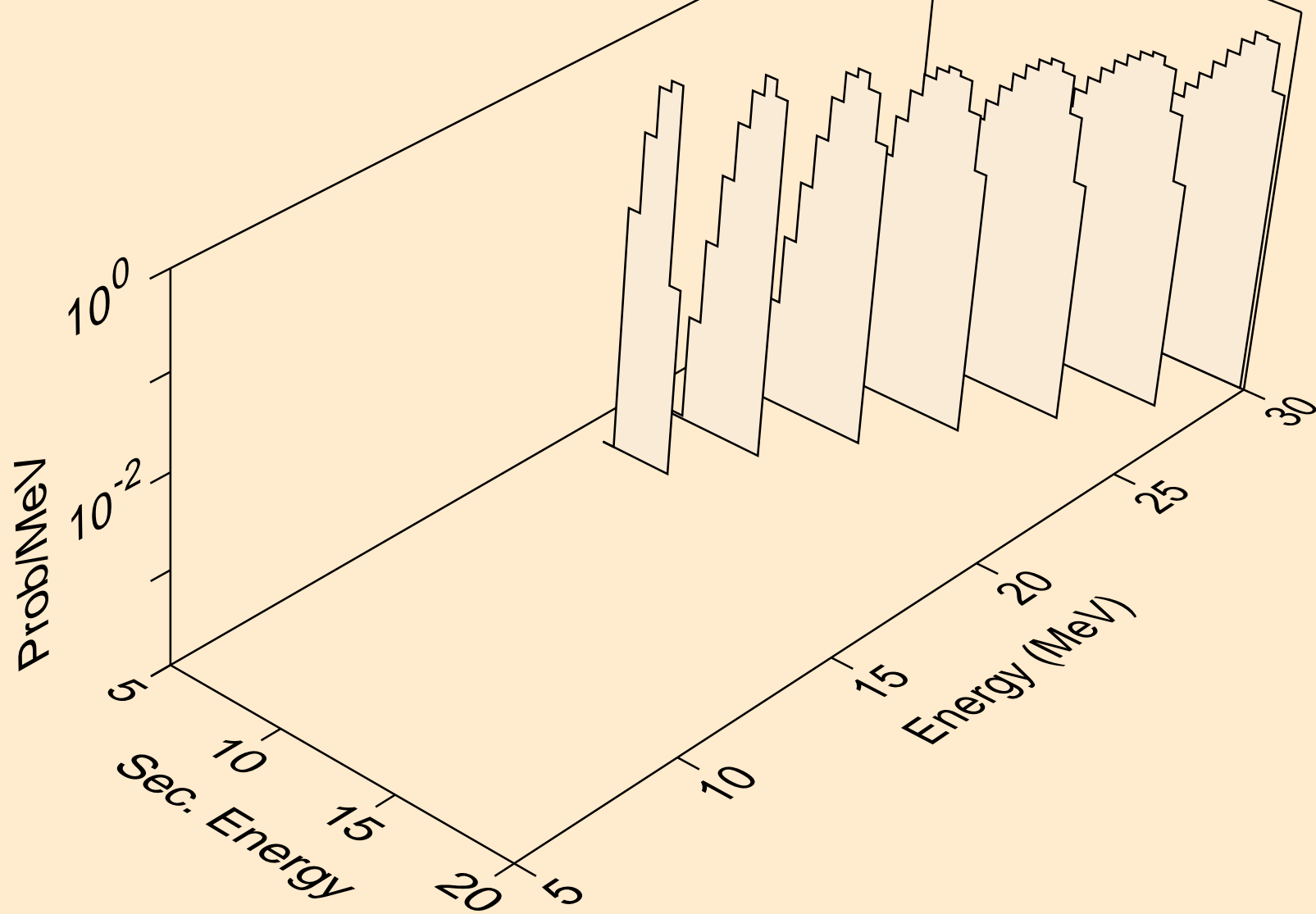


TL197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

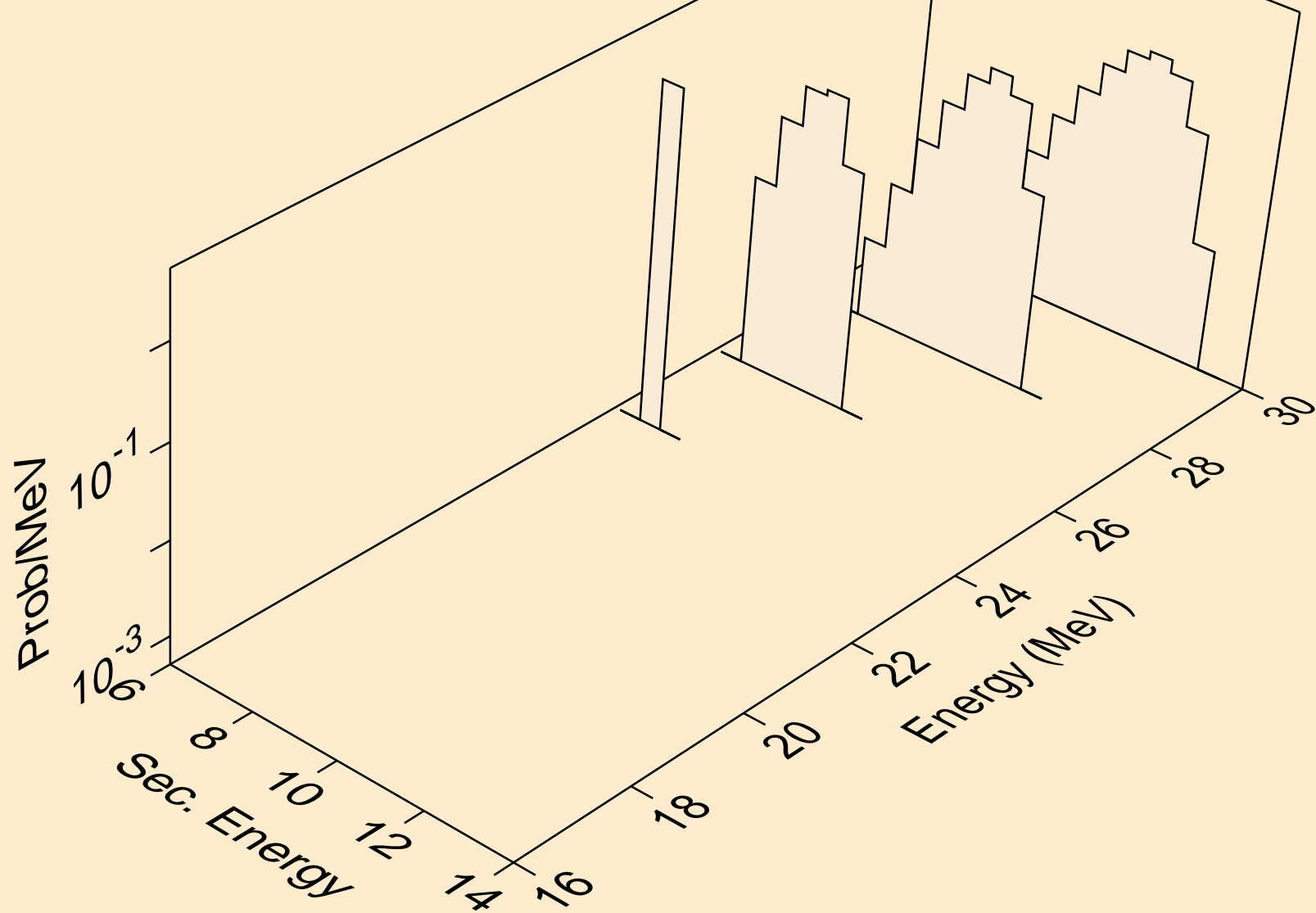
Alpha emission for (a,x)



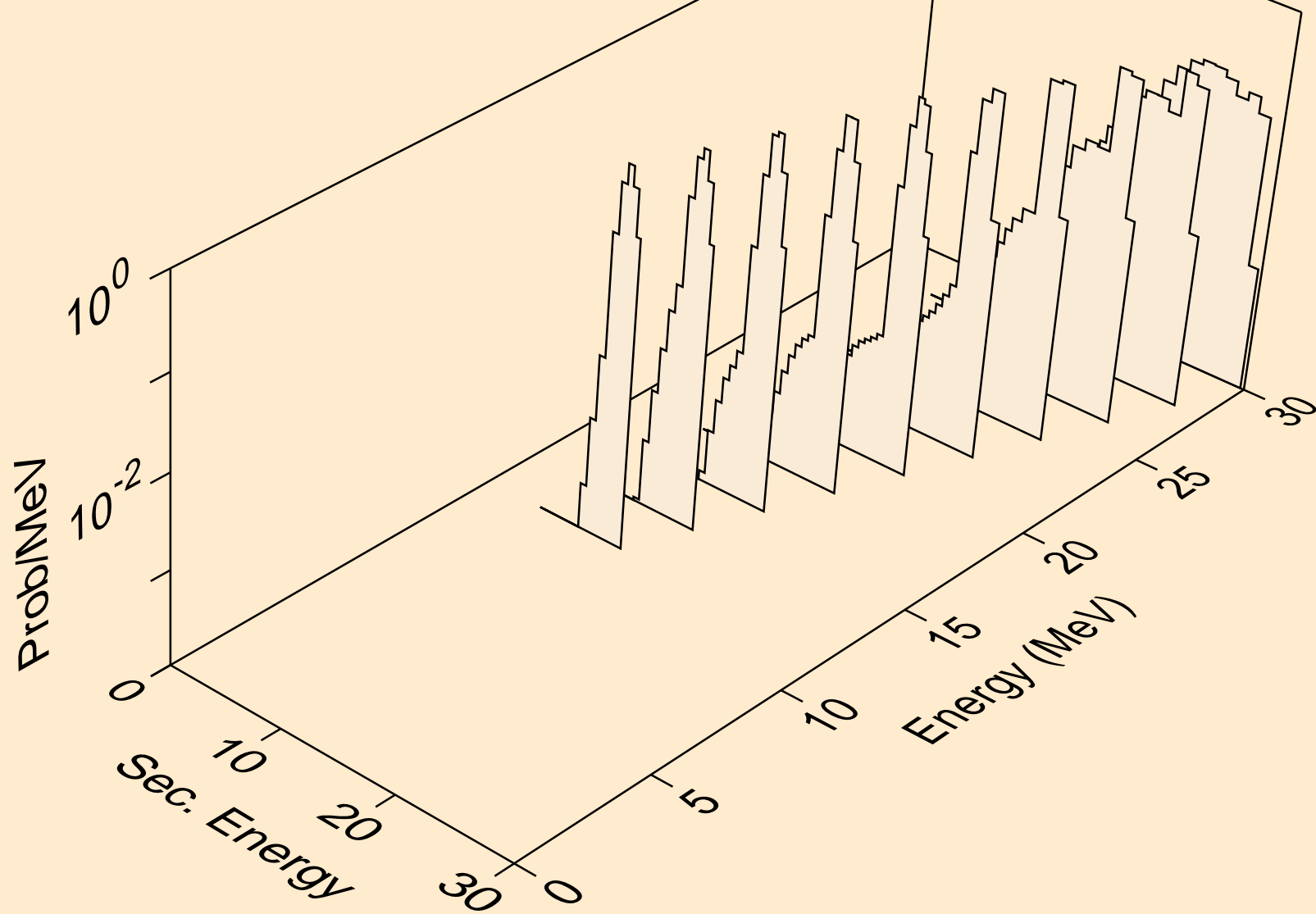
TL197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



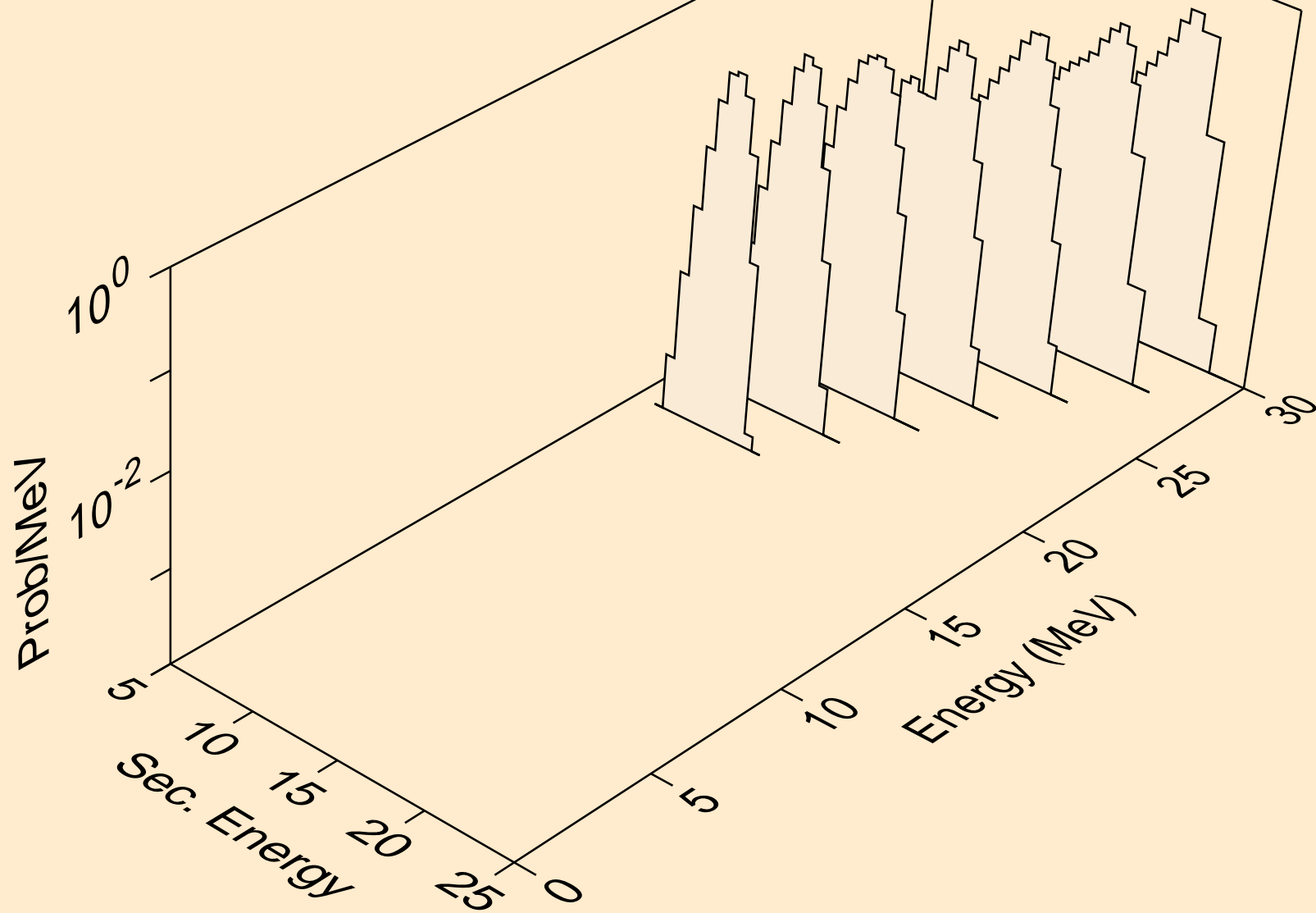
TL197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



TL197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic

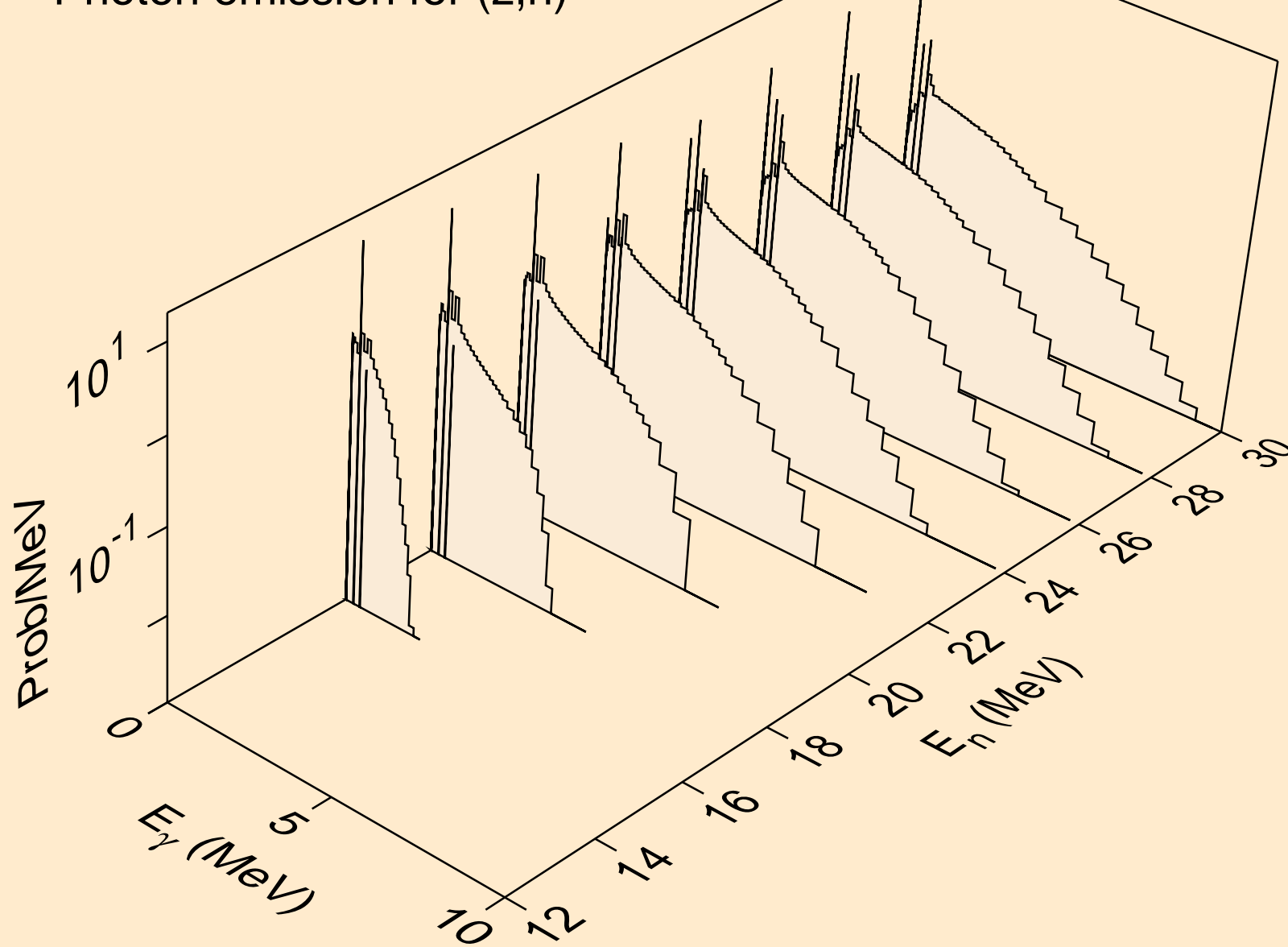


TL197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,pa)



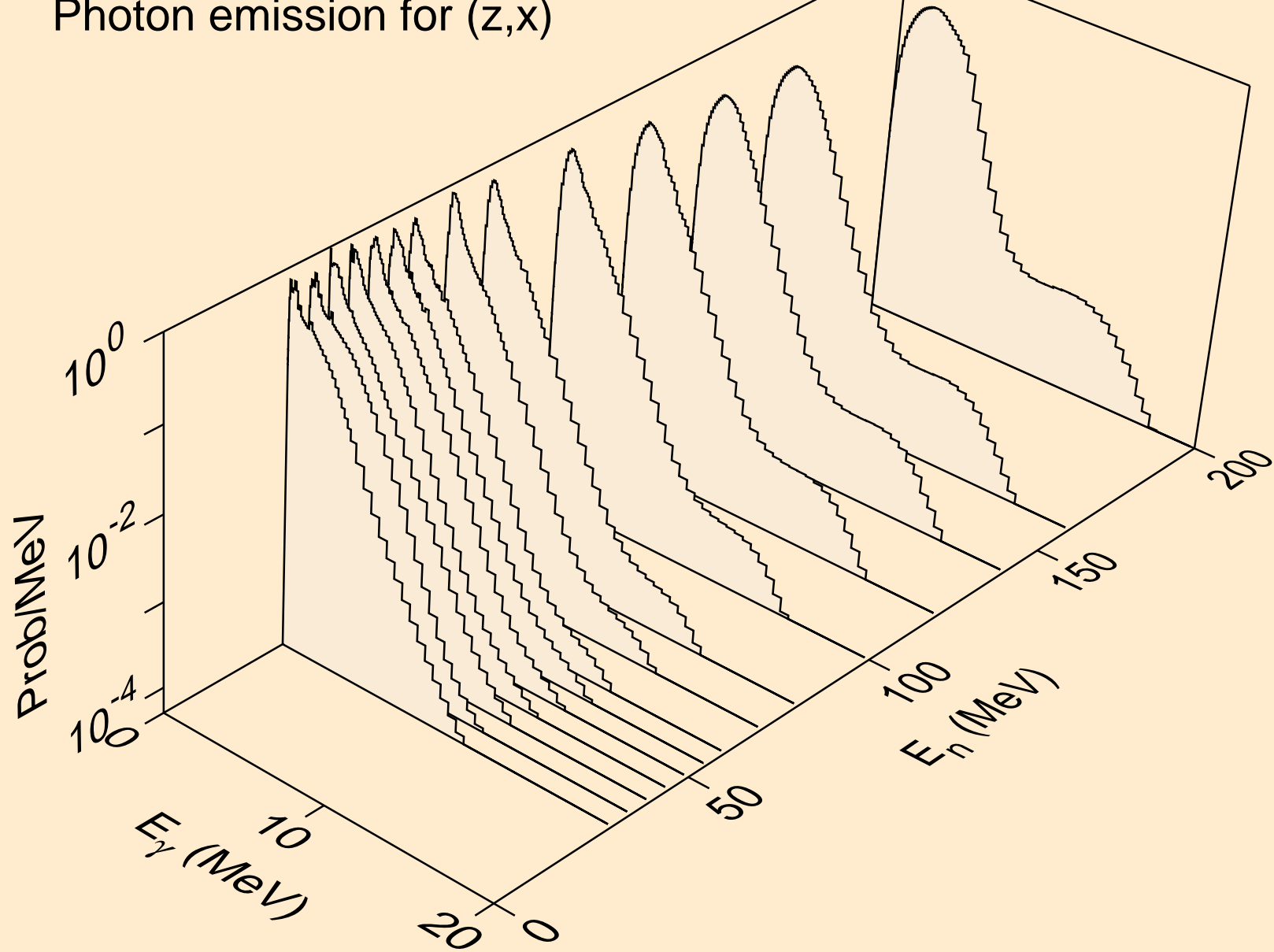
TL197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (z,n)

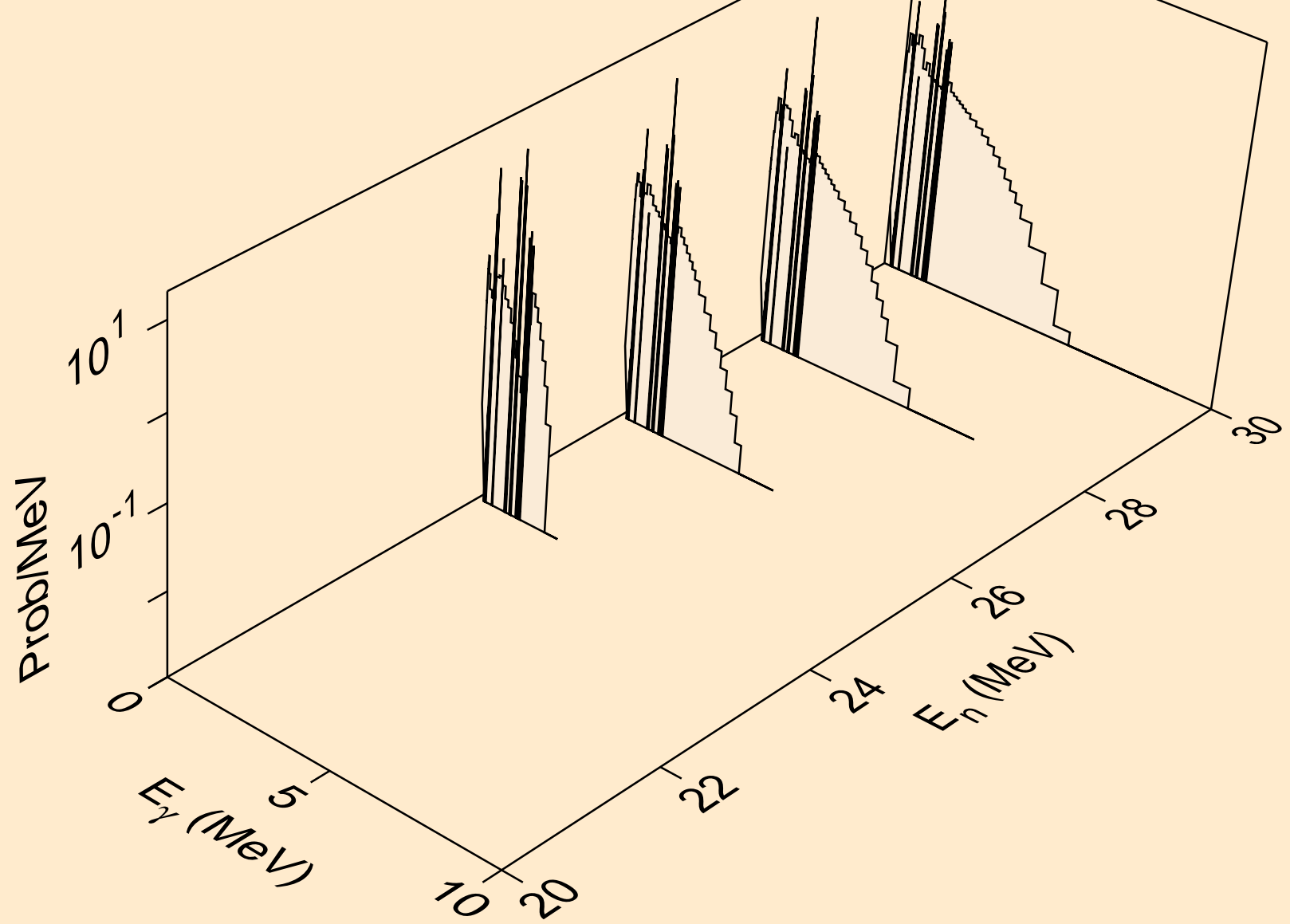


TL197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

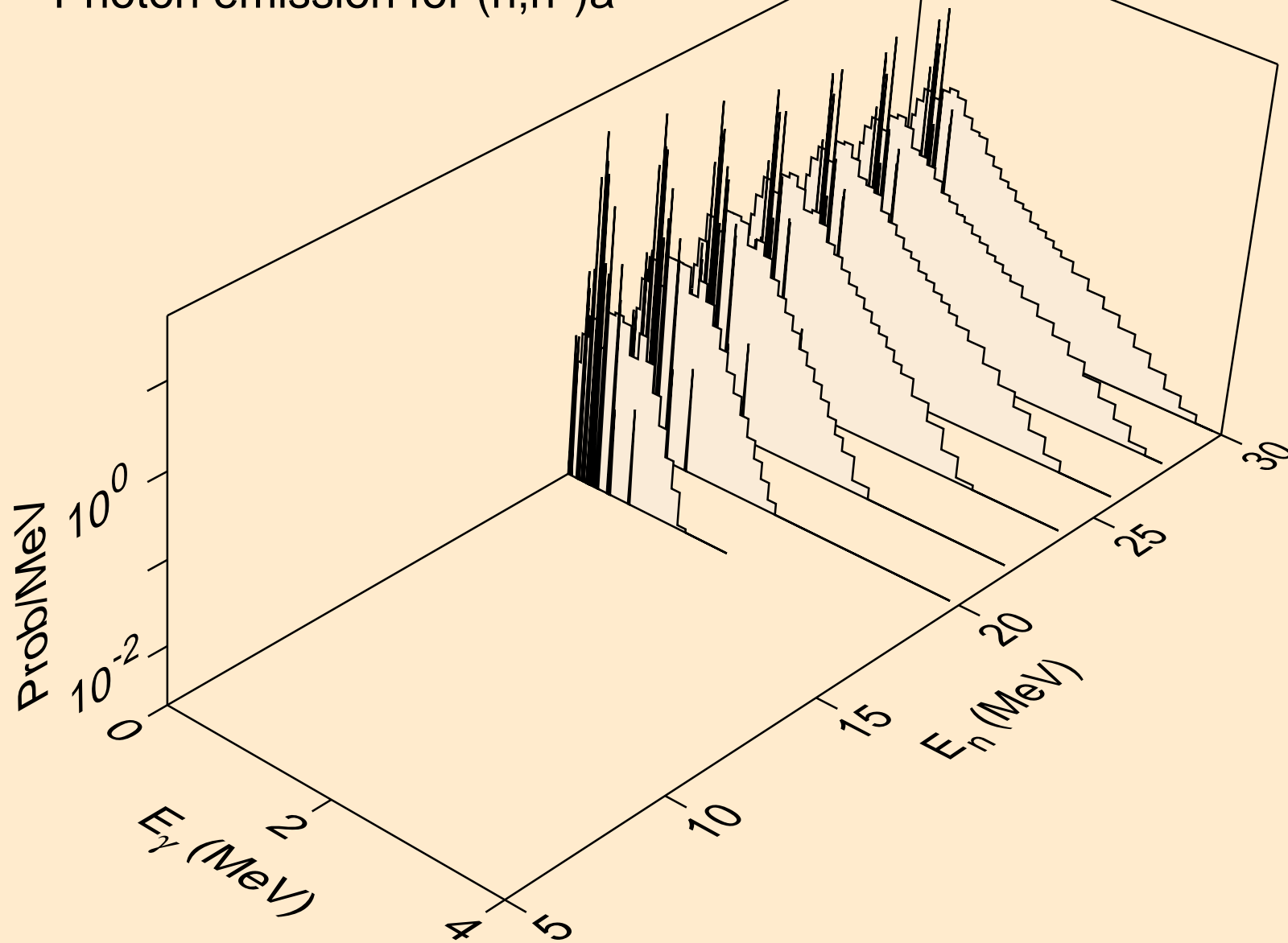
Photon emission for (z,x)



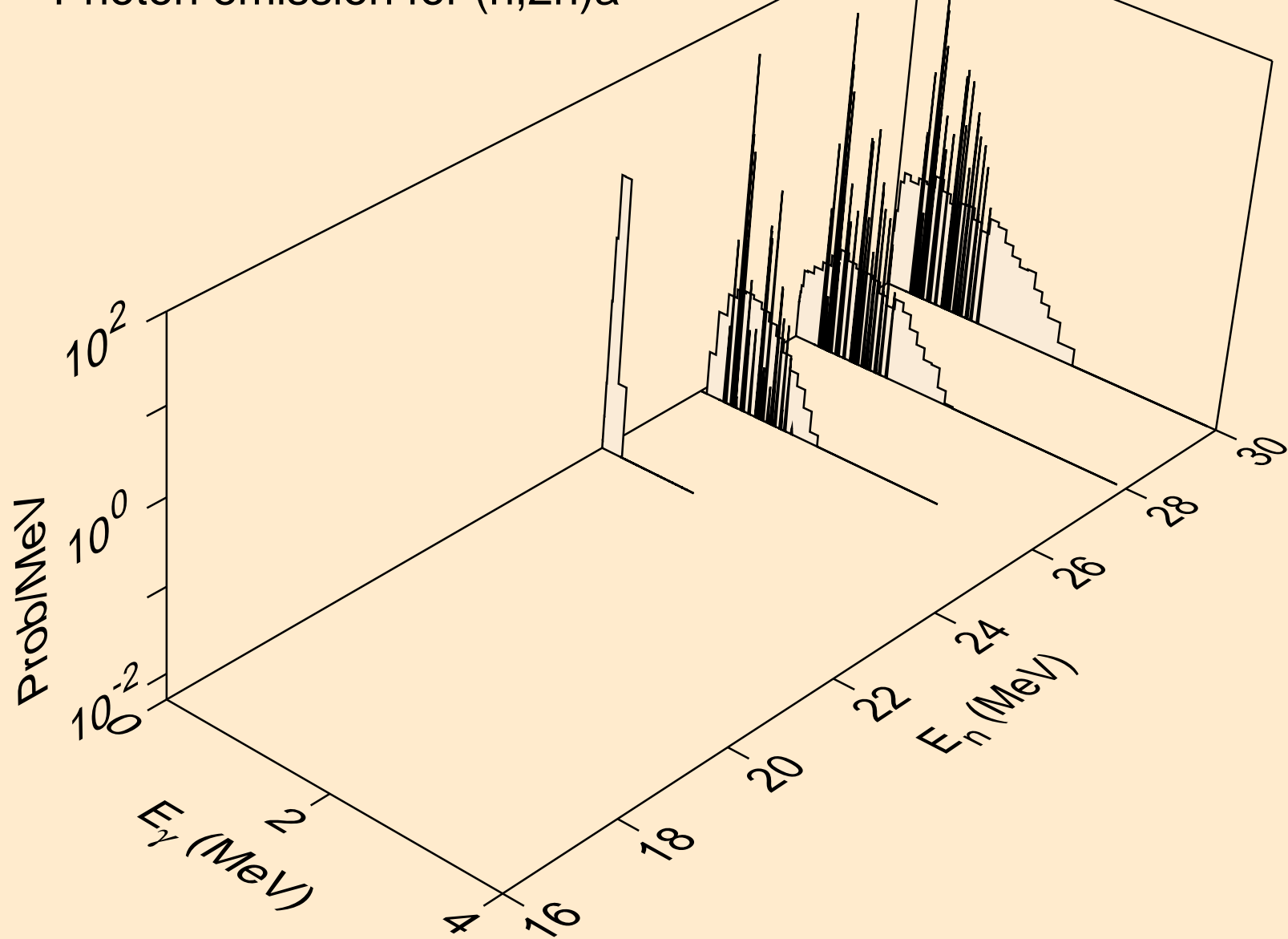
TL197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



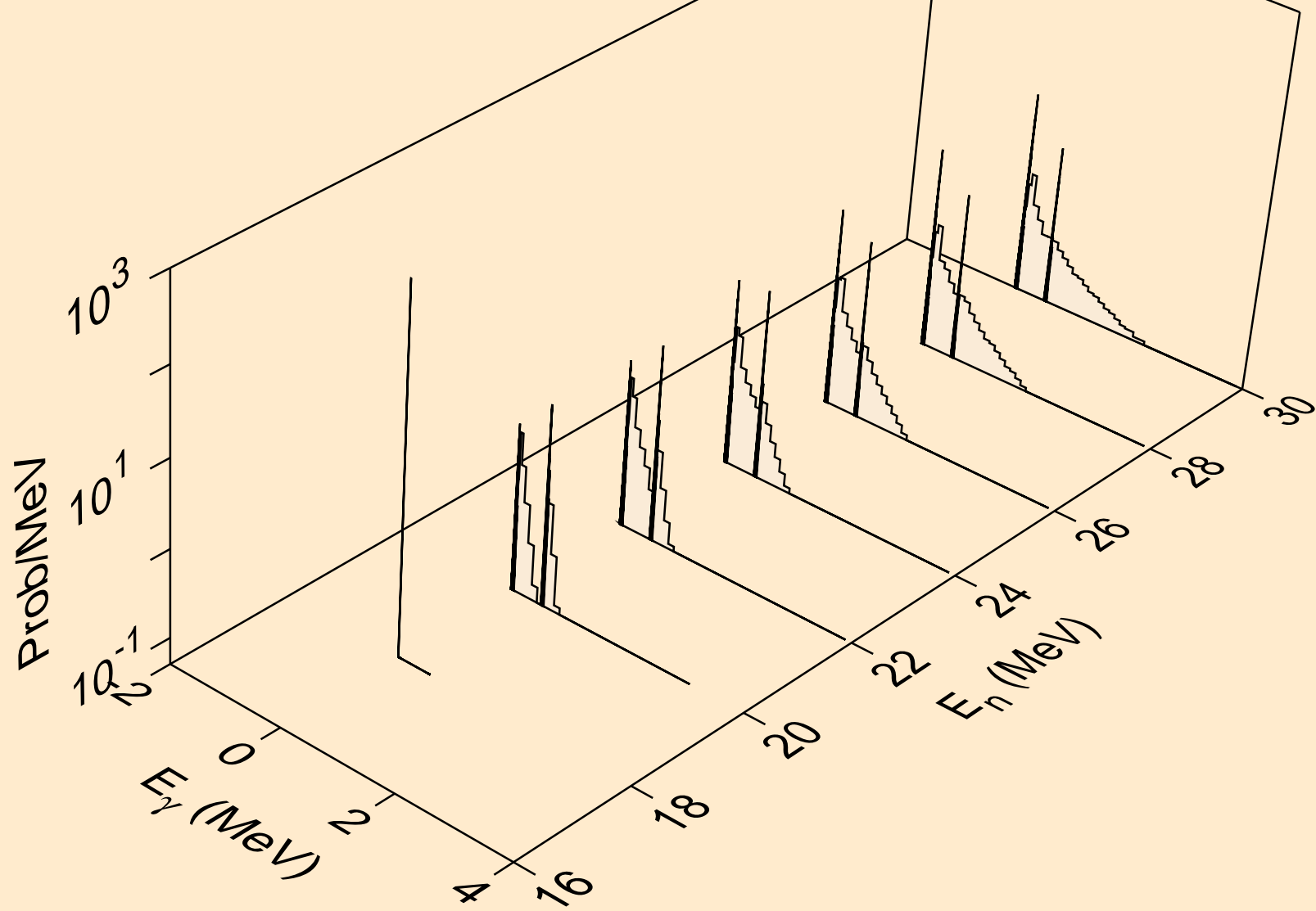
TL197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



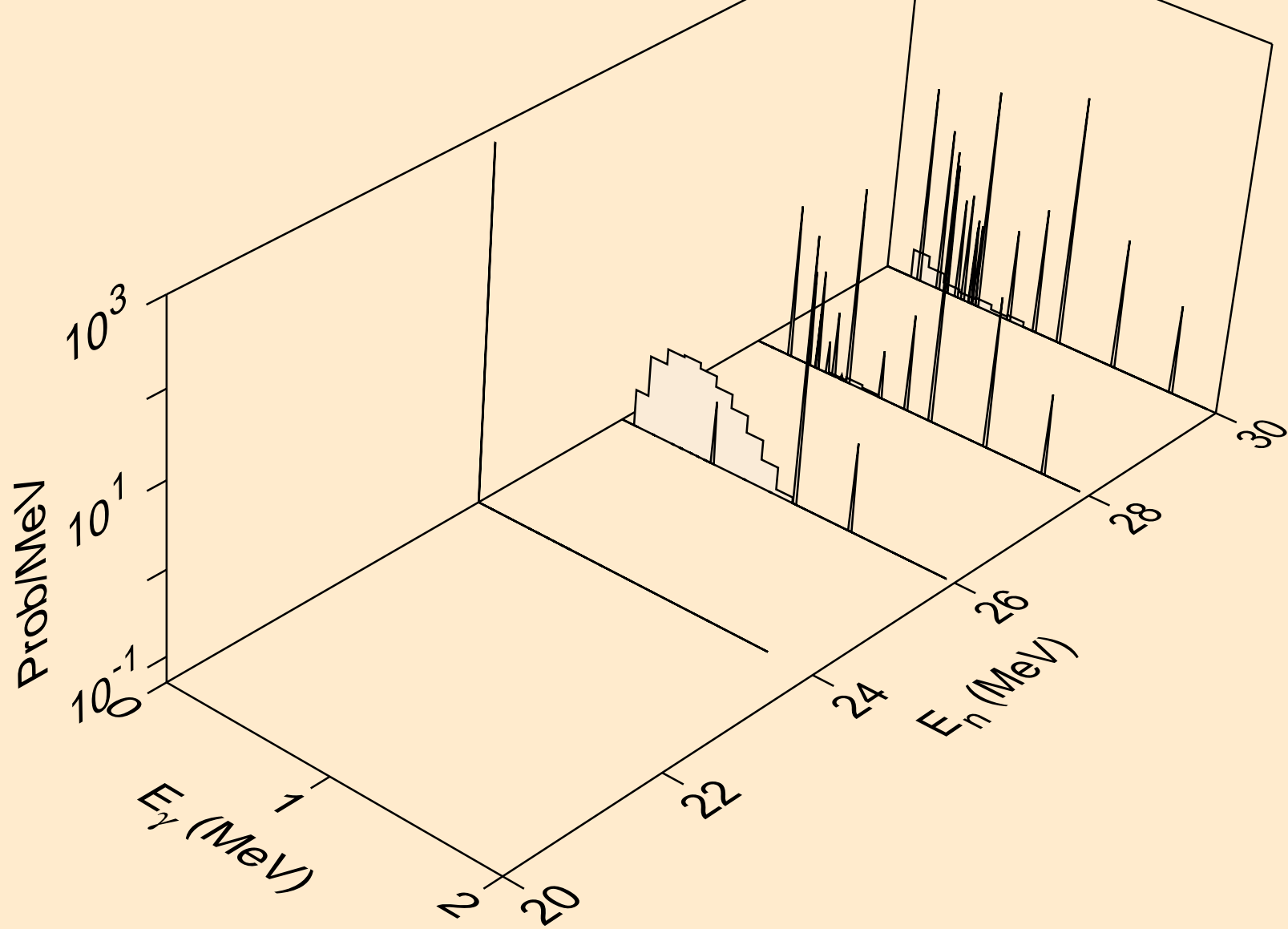
TL197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



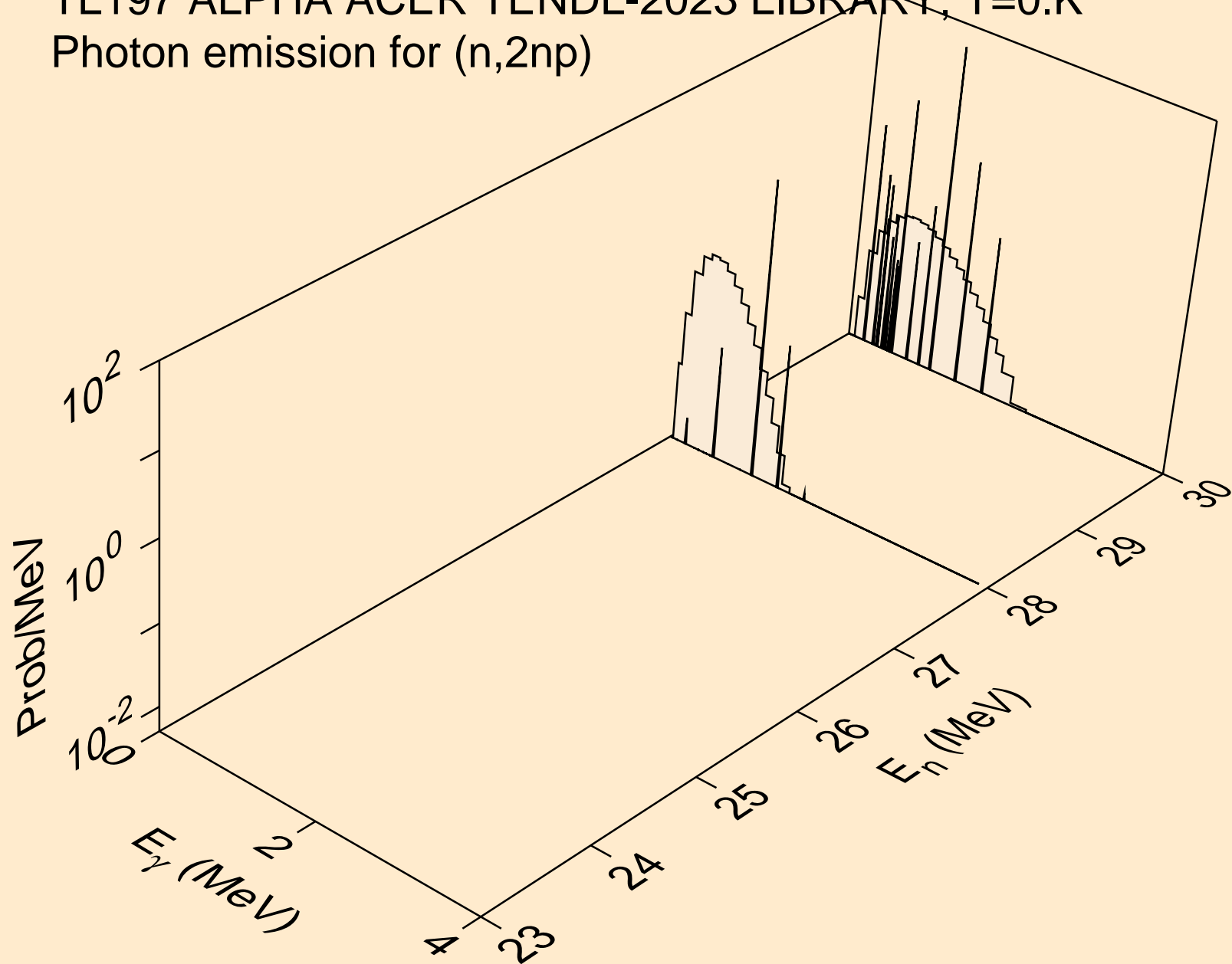
TL197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



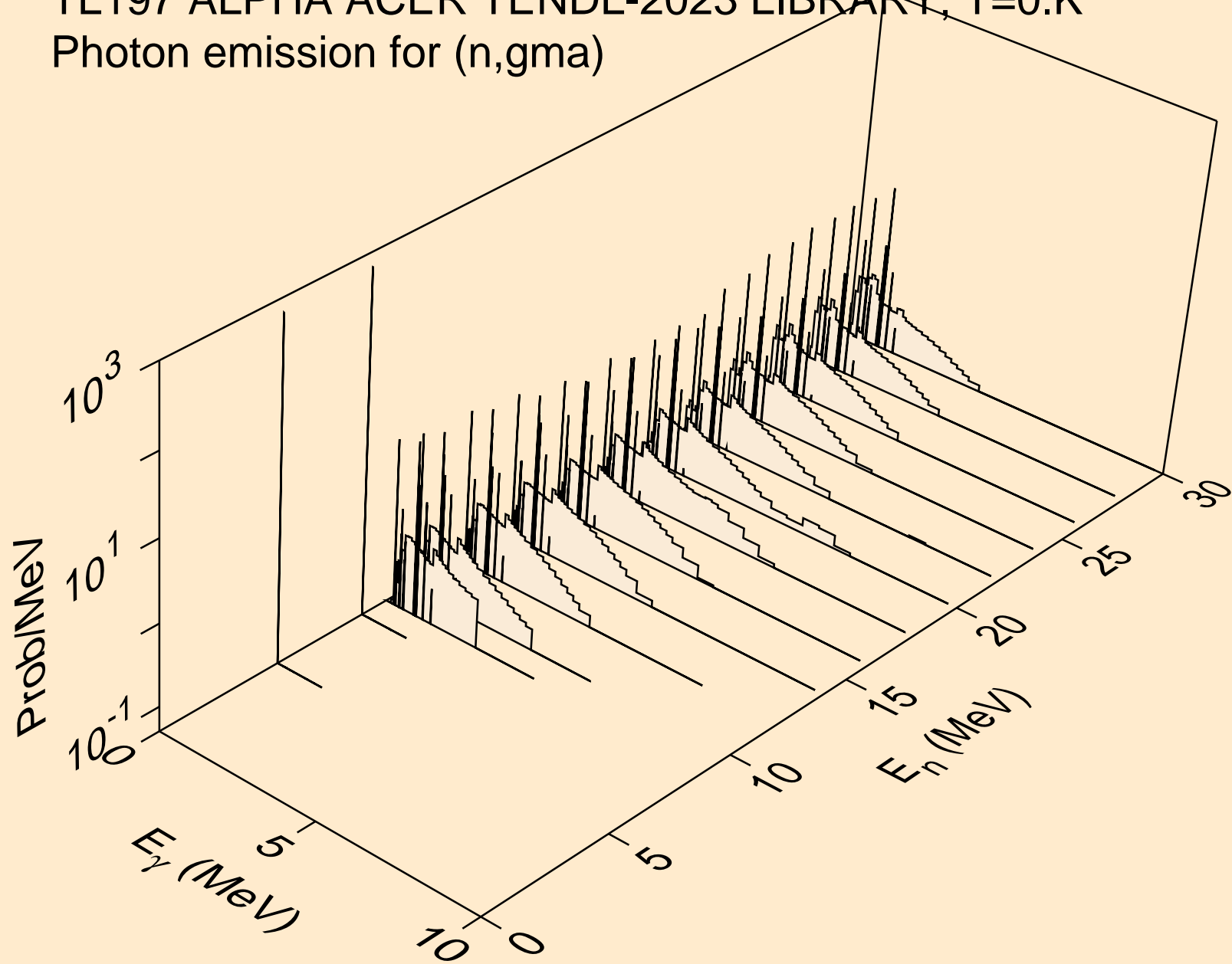
TL197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



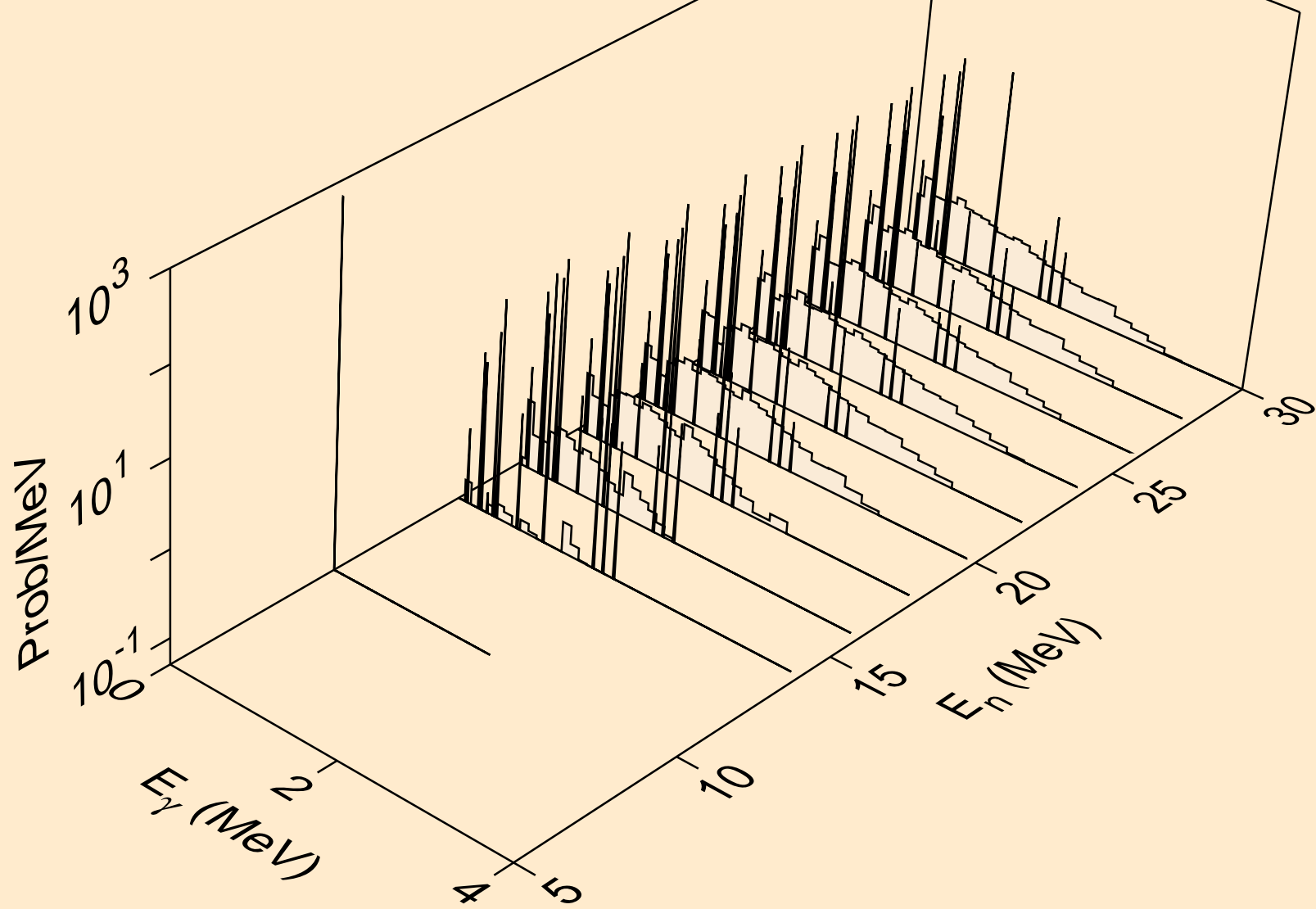
TL197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



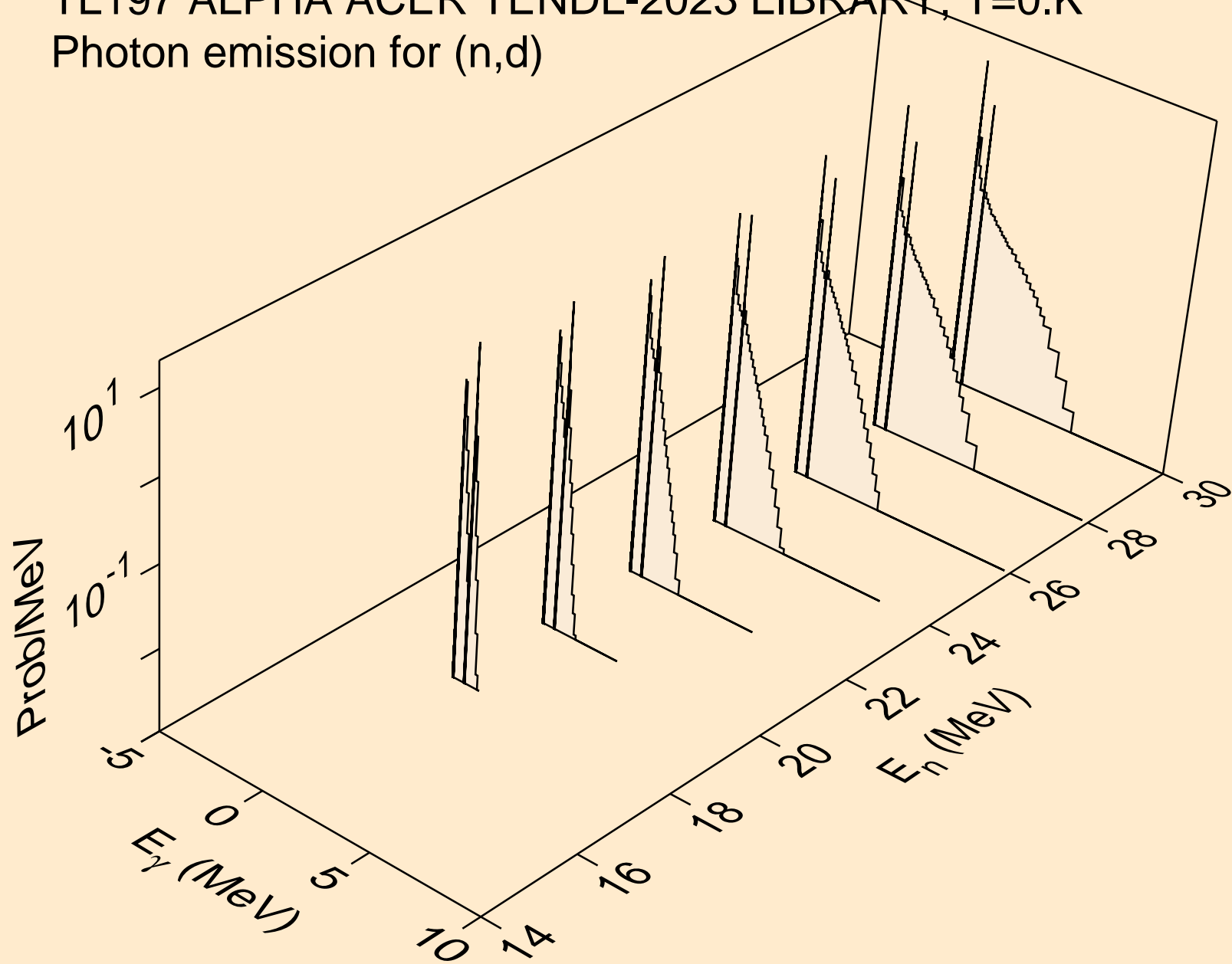
TL197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



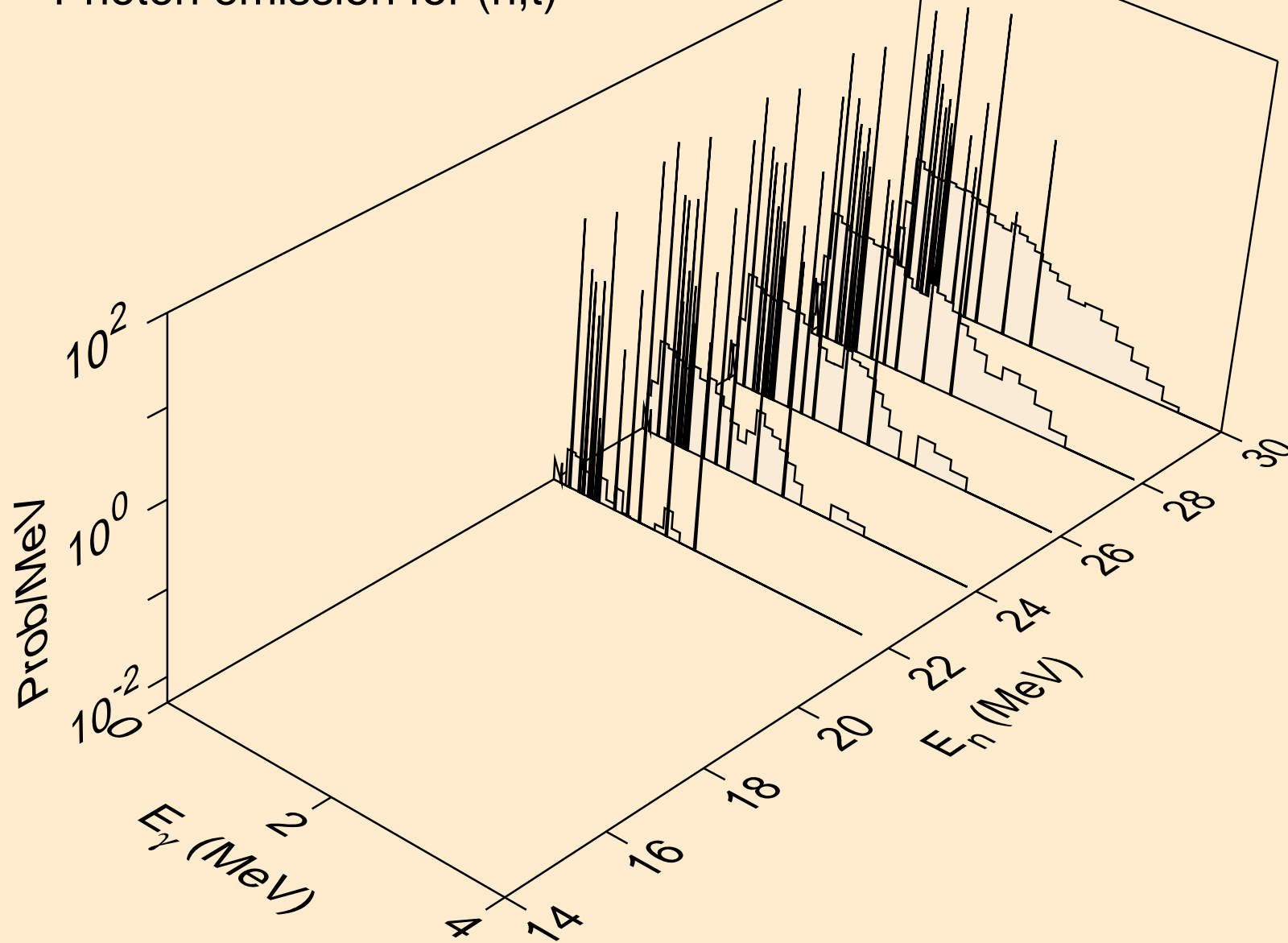
TL197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



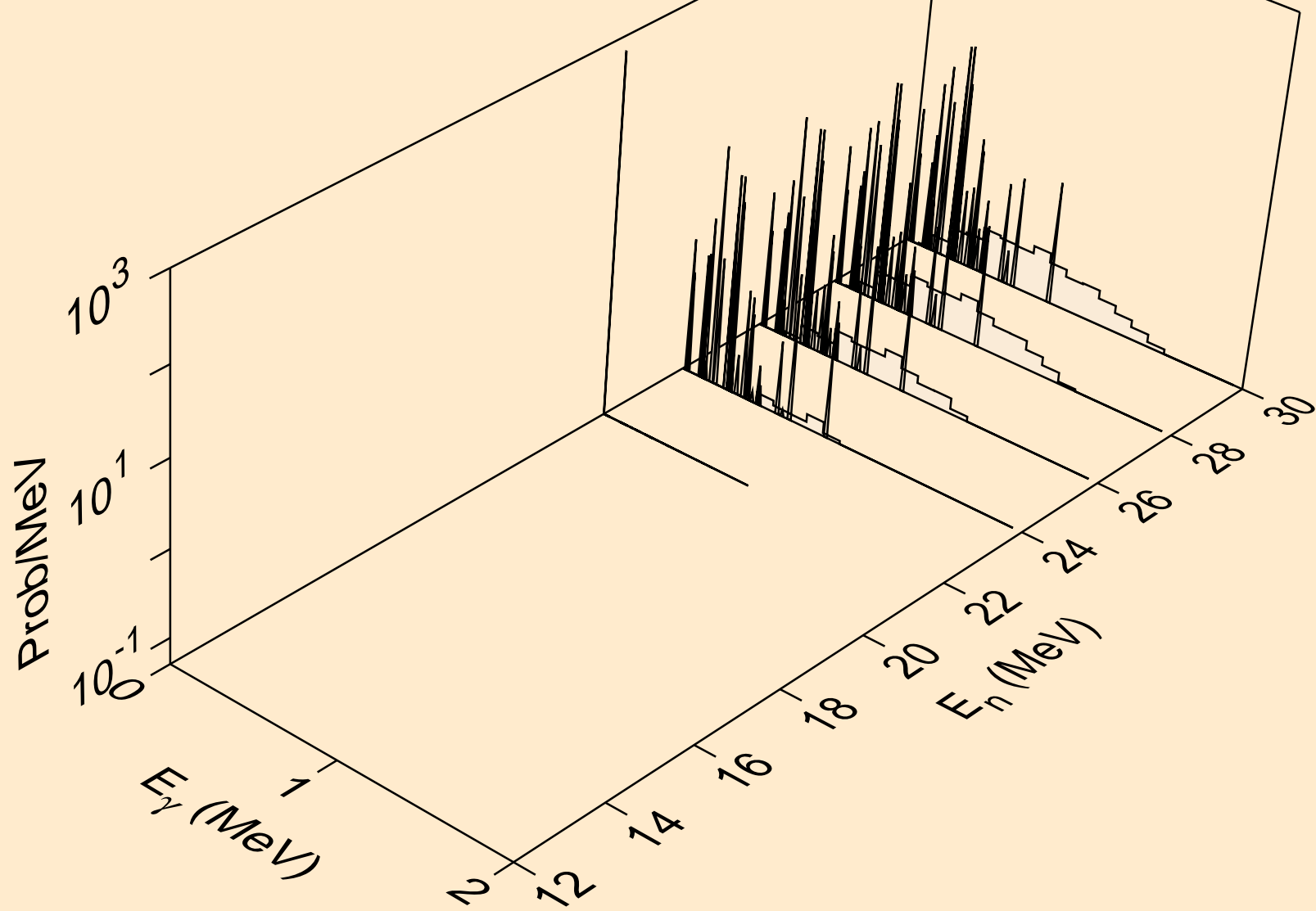
TL197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



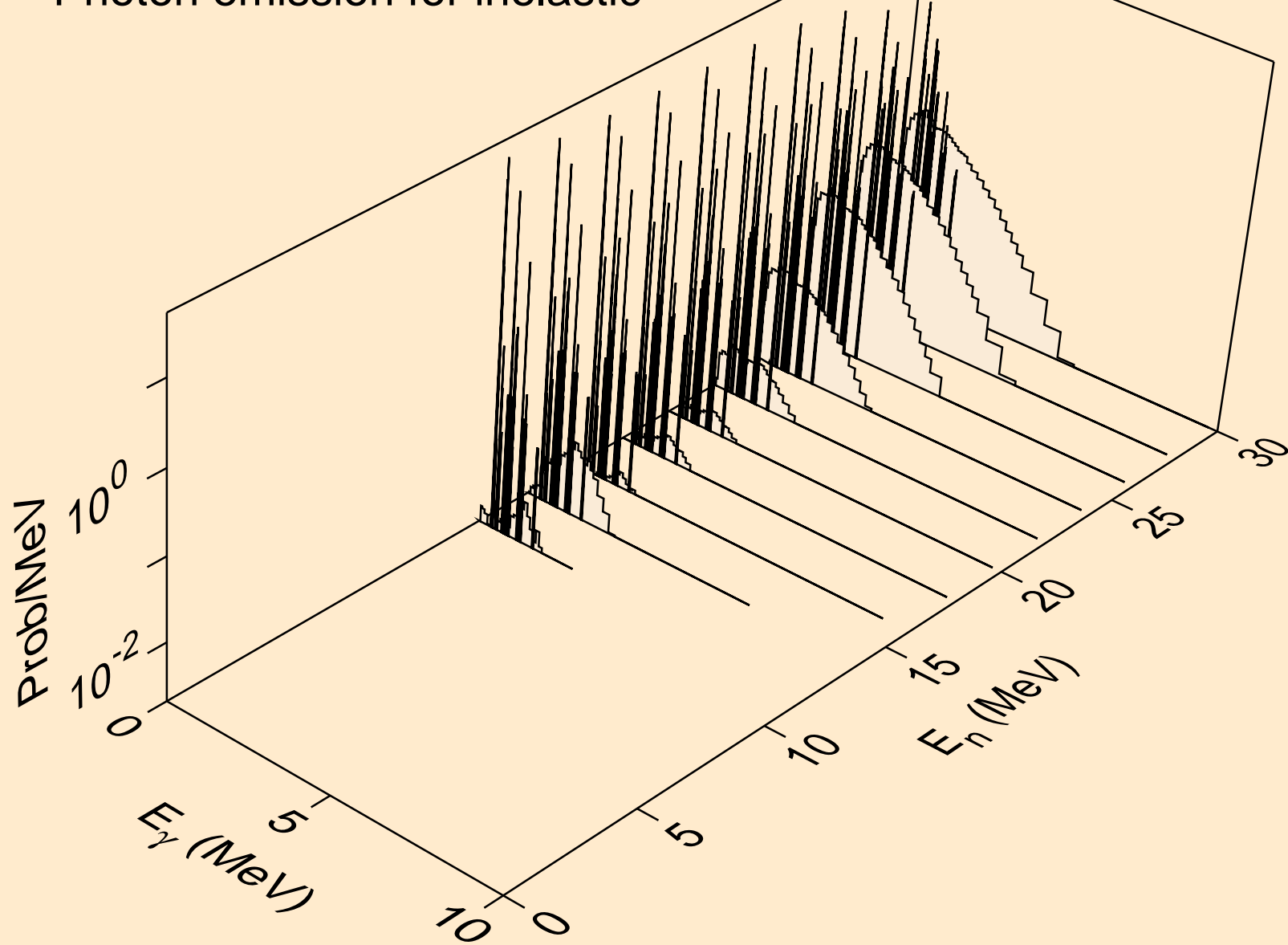
TL197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



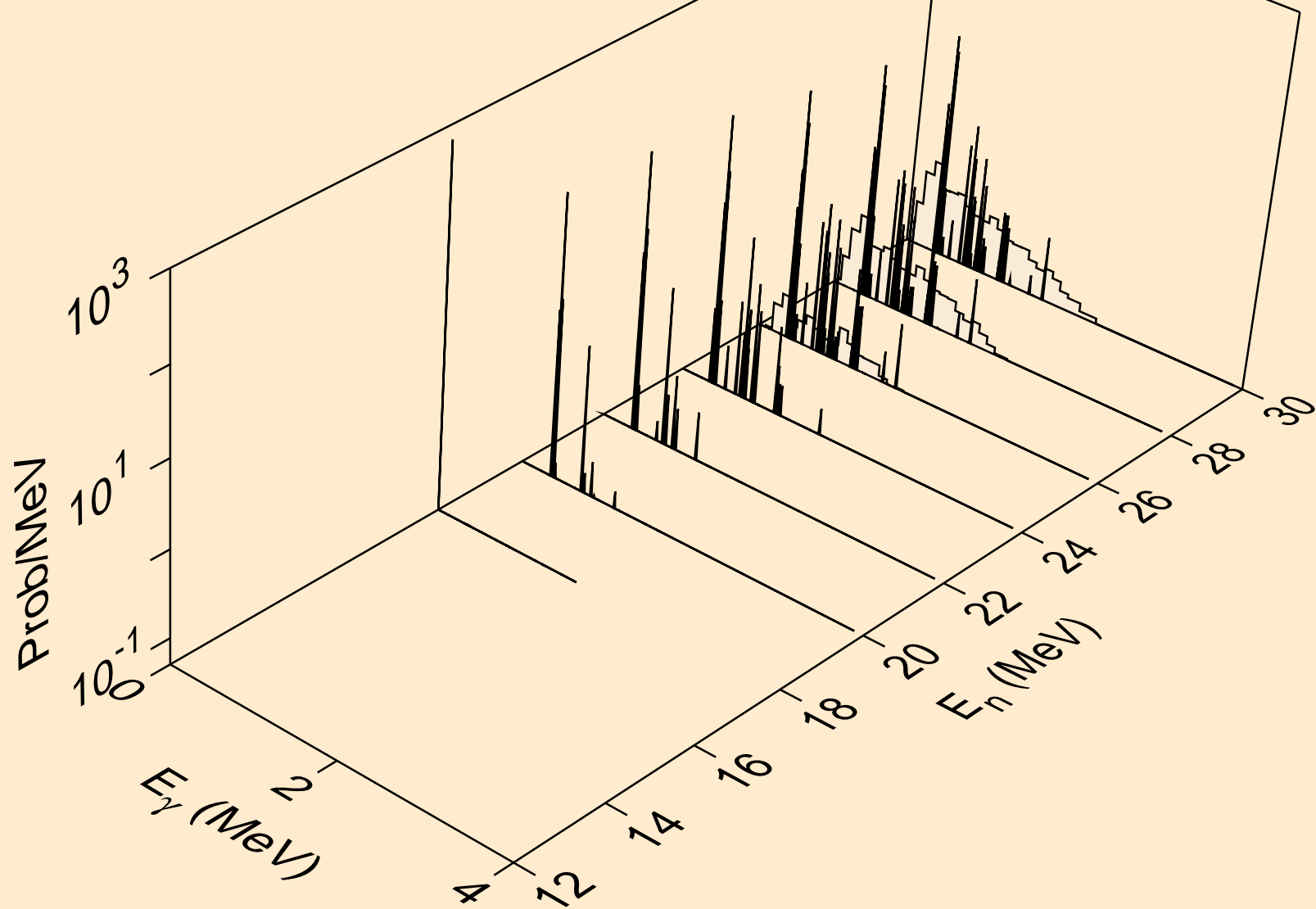
TL197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



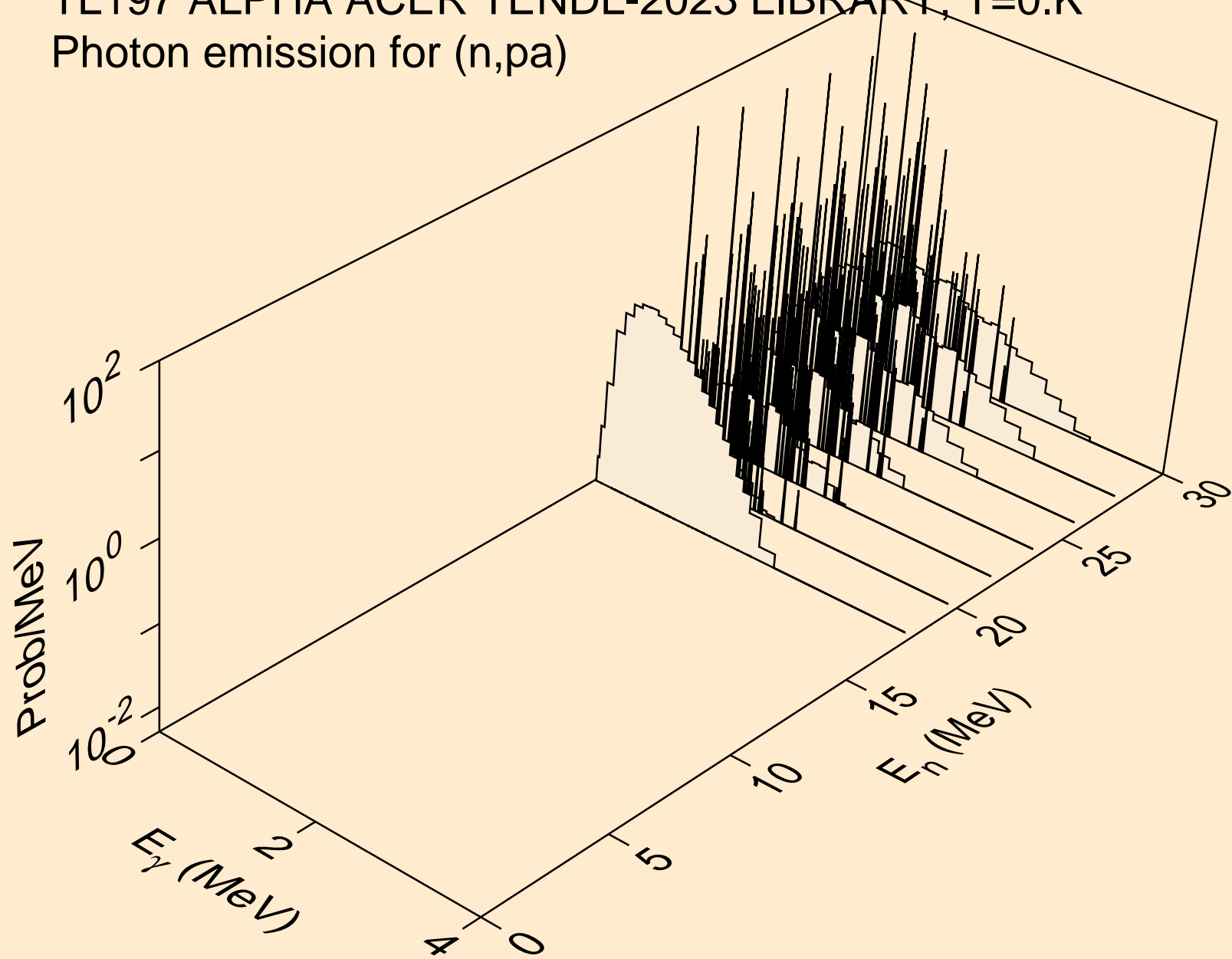
TL197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



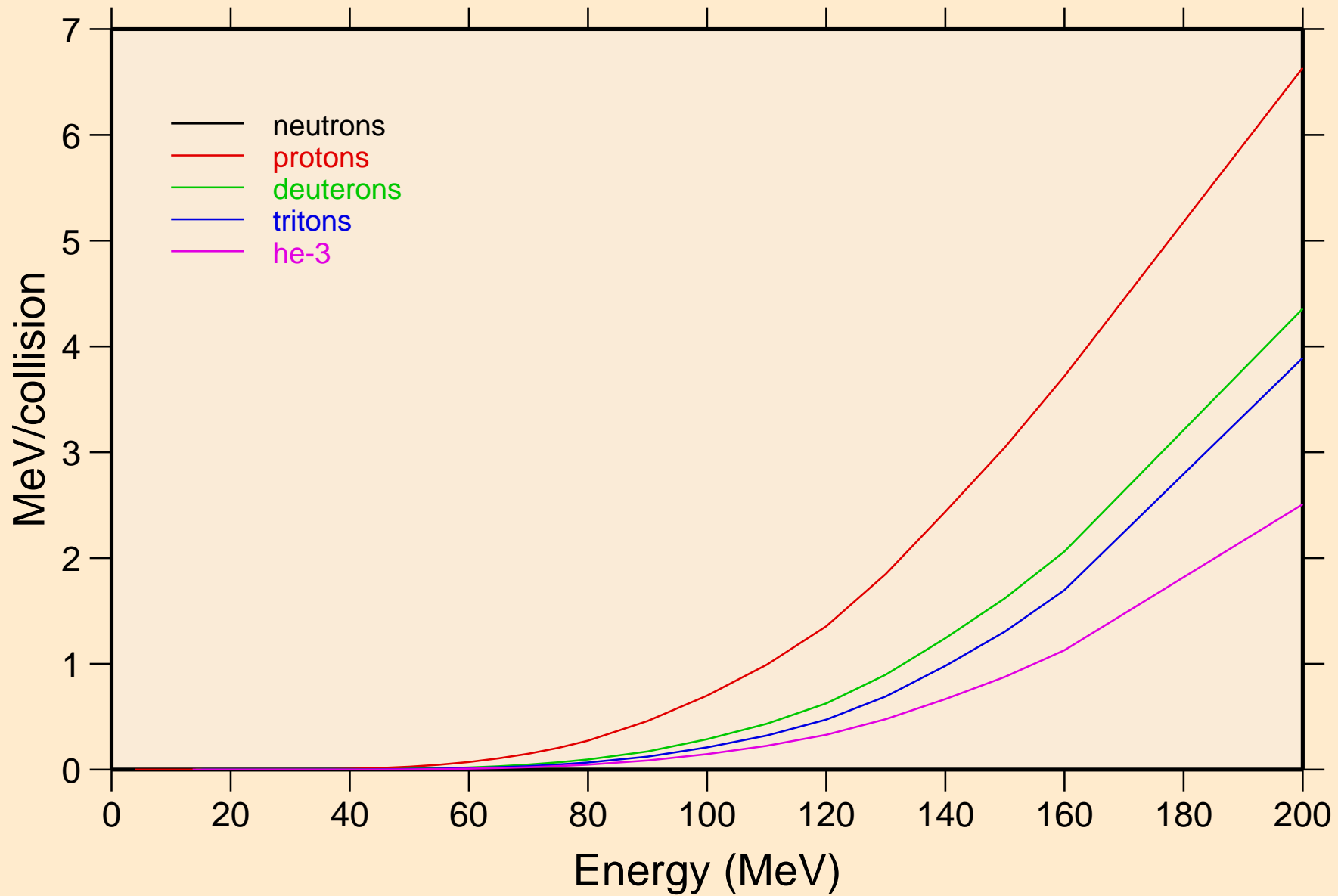
TL197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



TL197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)

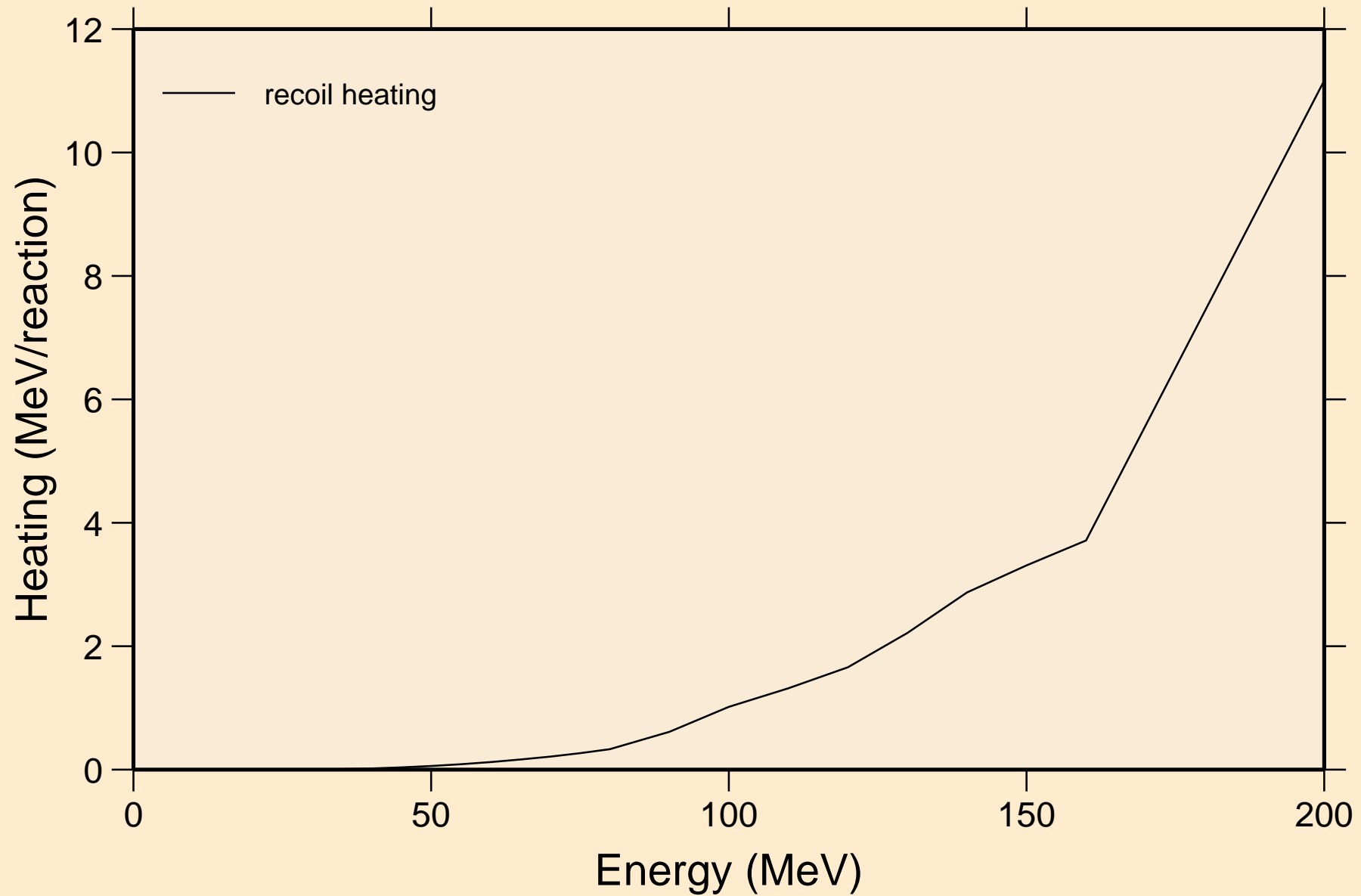


TL197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



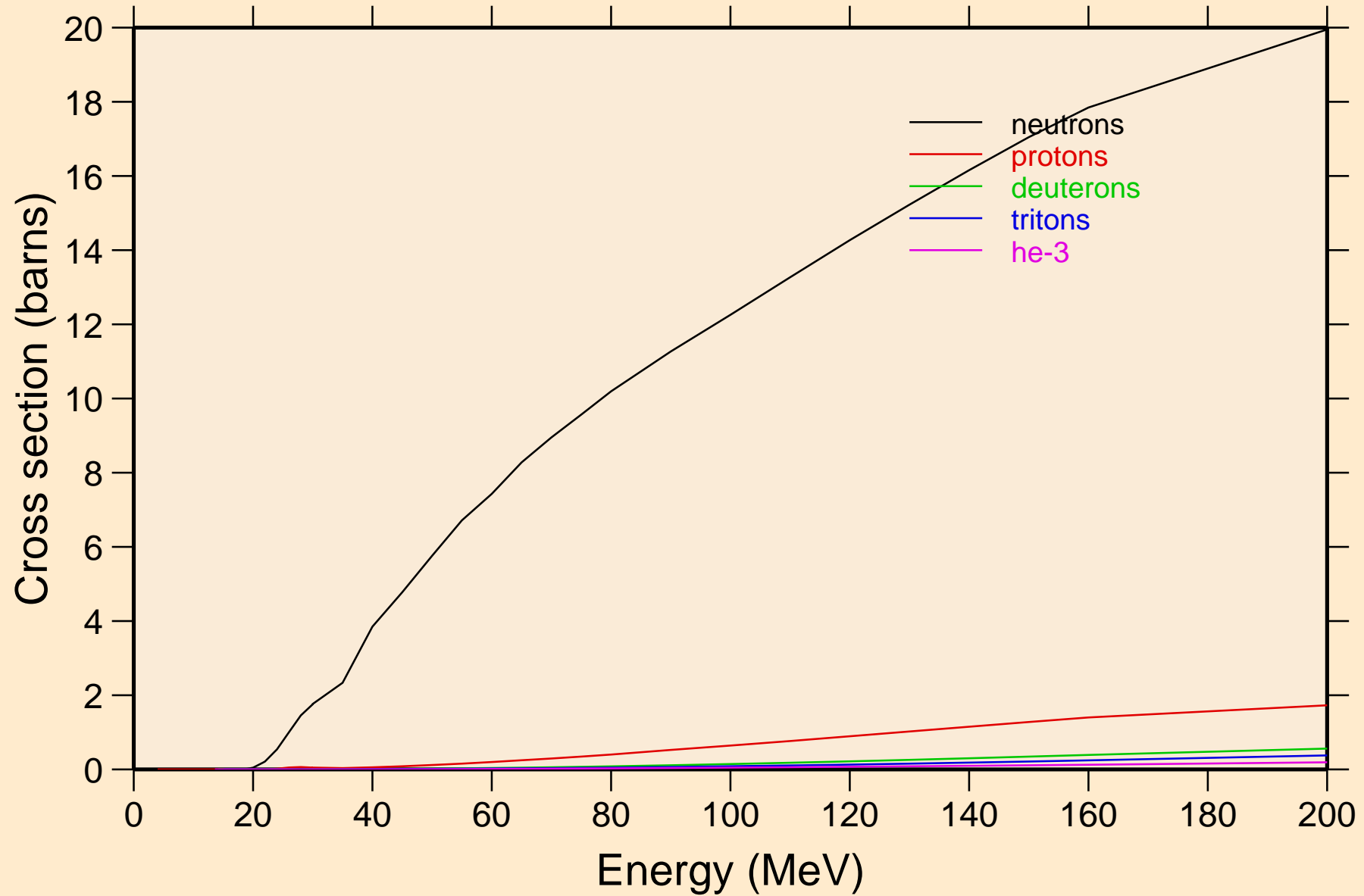
TL197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Recoil Heating

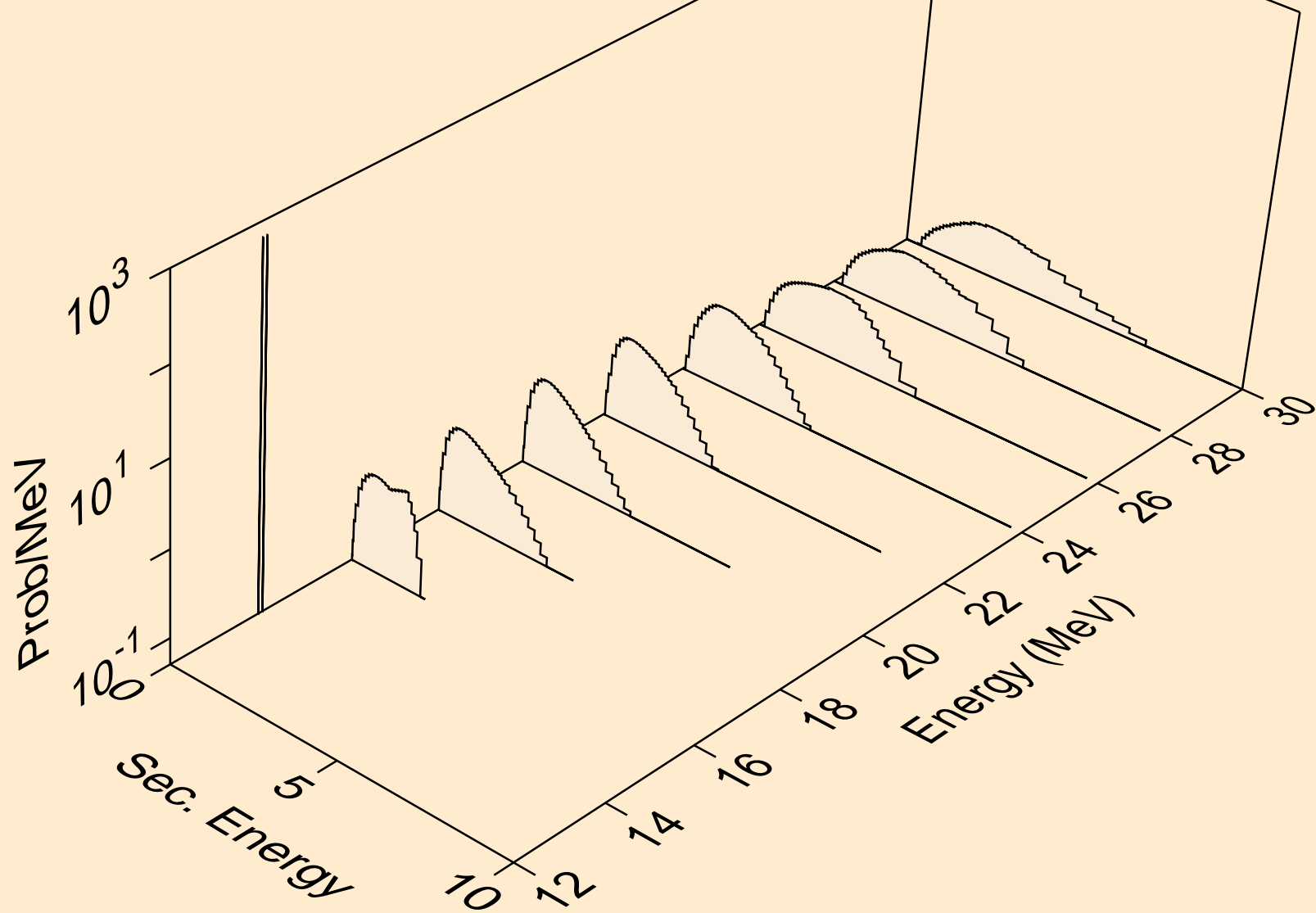


# TL197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

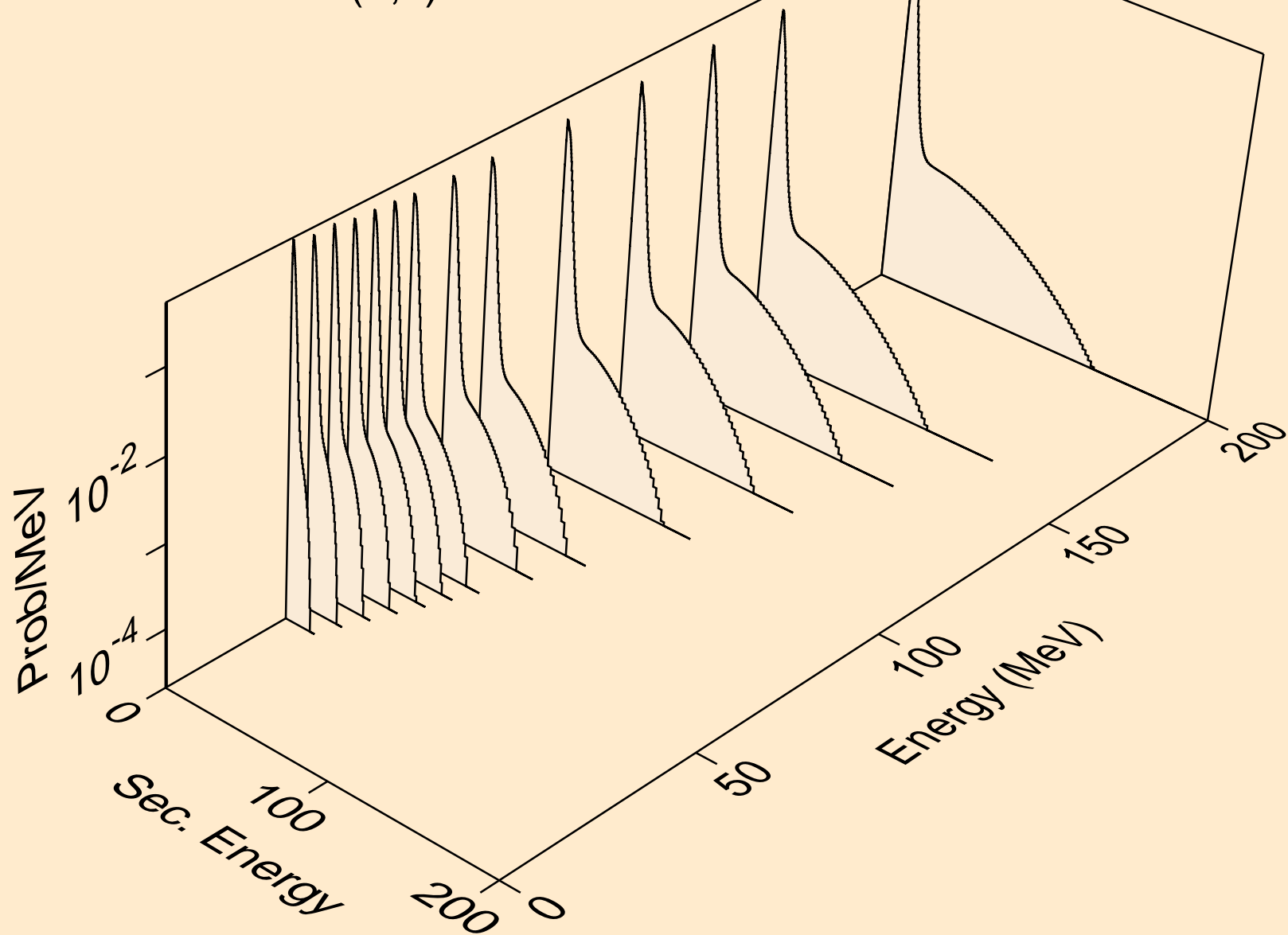
## Particle production cross sections



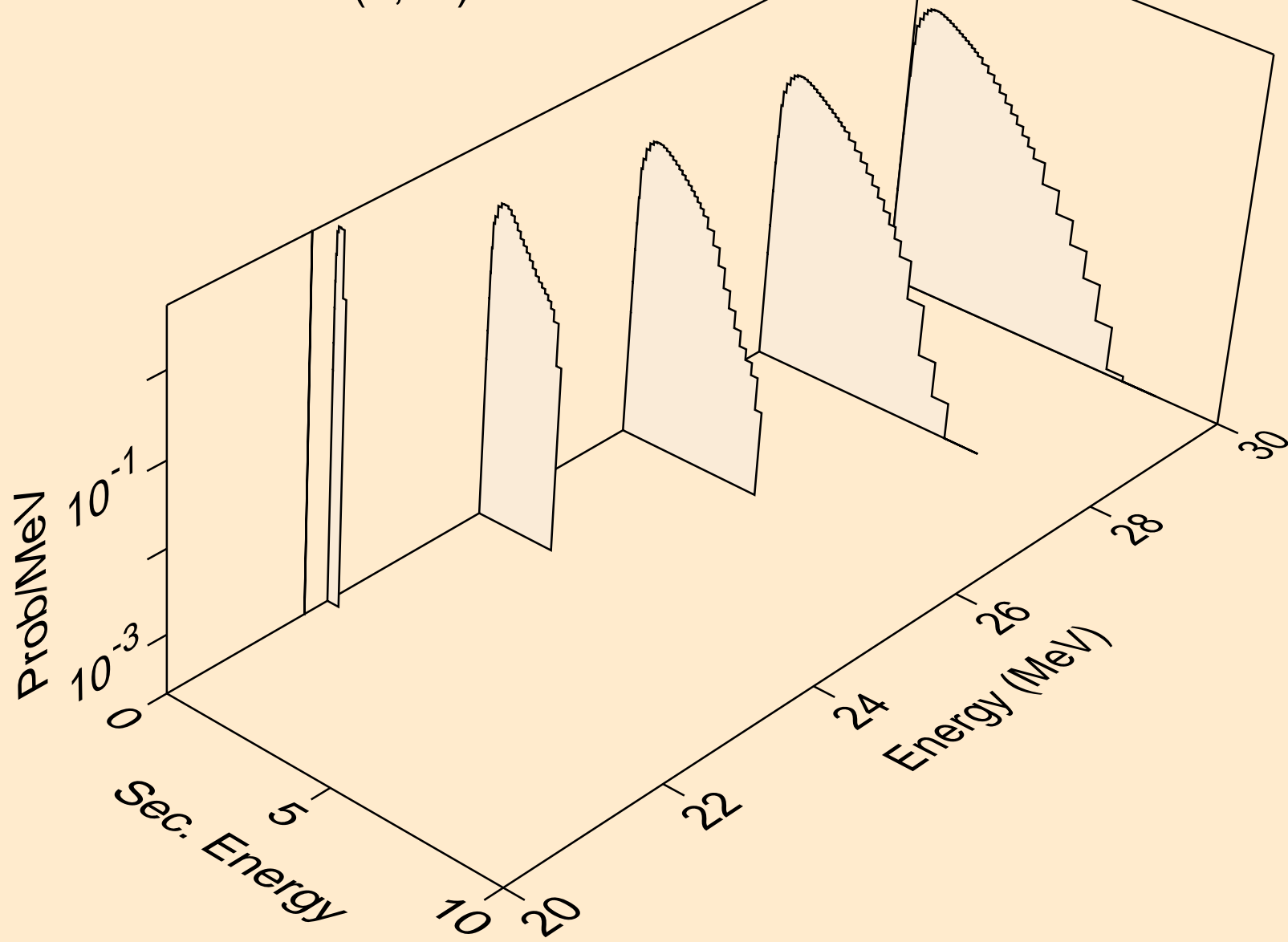
TL197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)



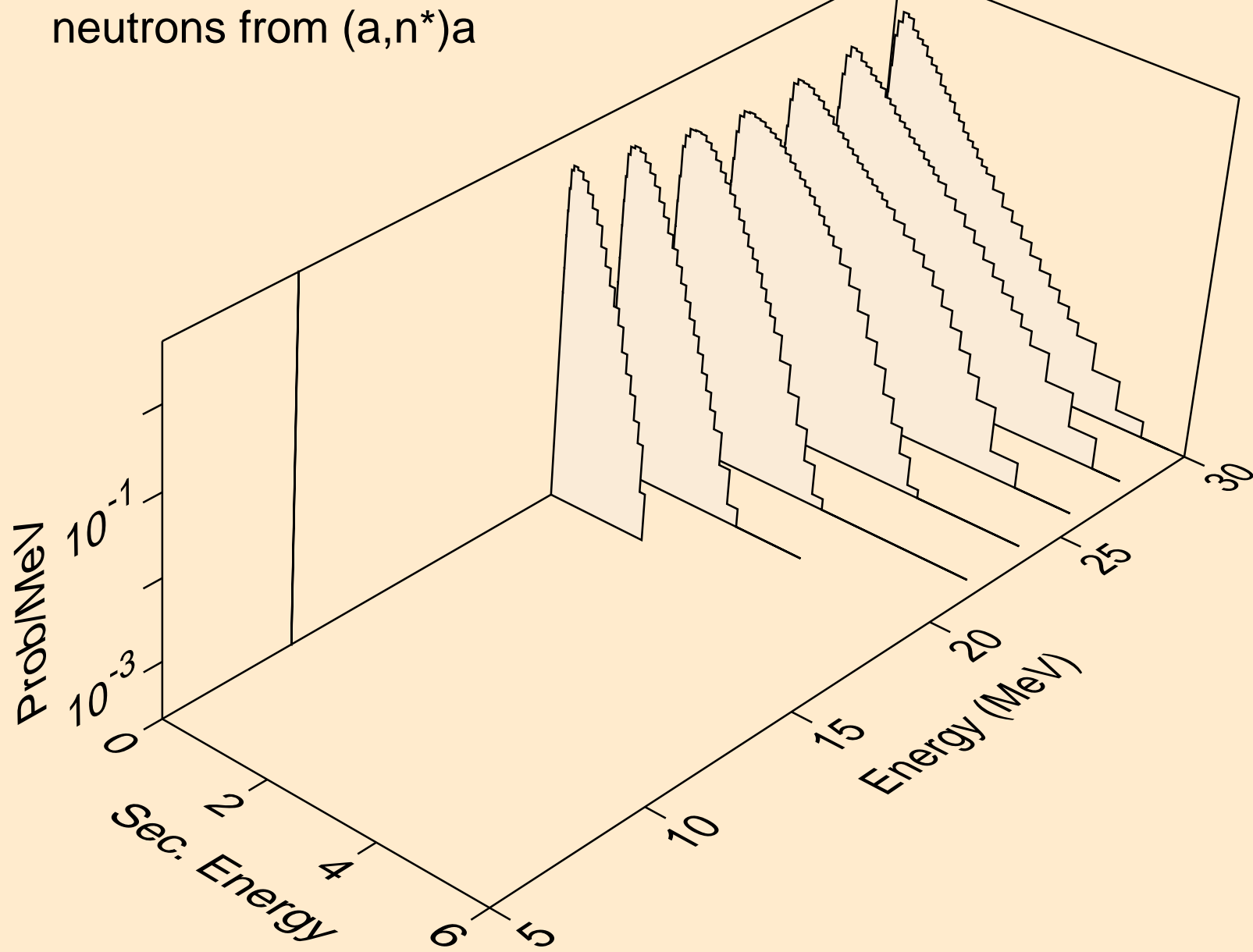
TL197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)



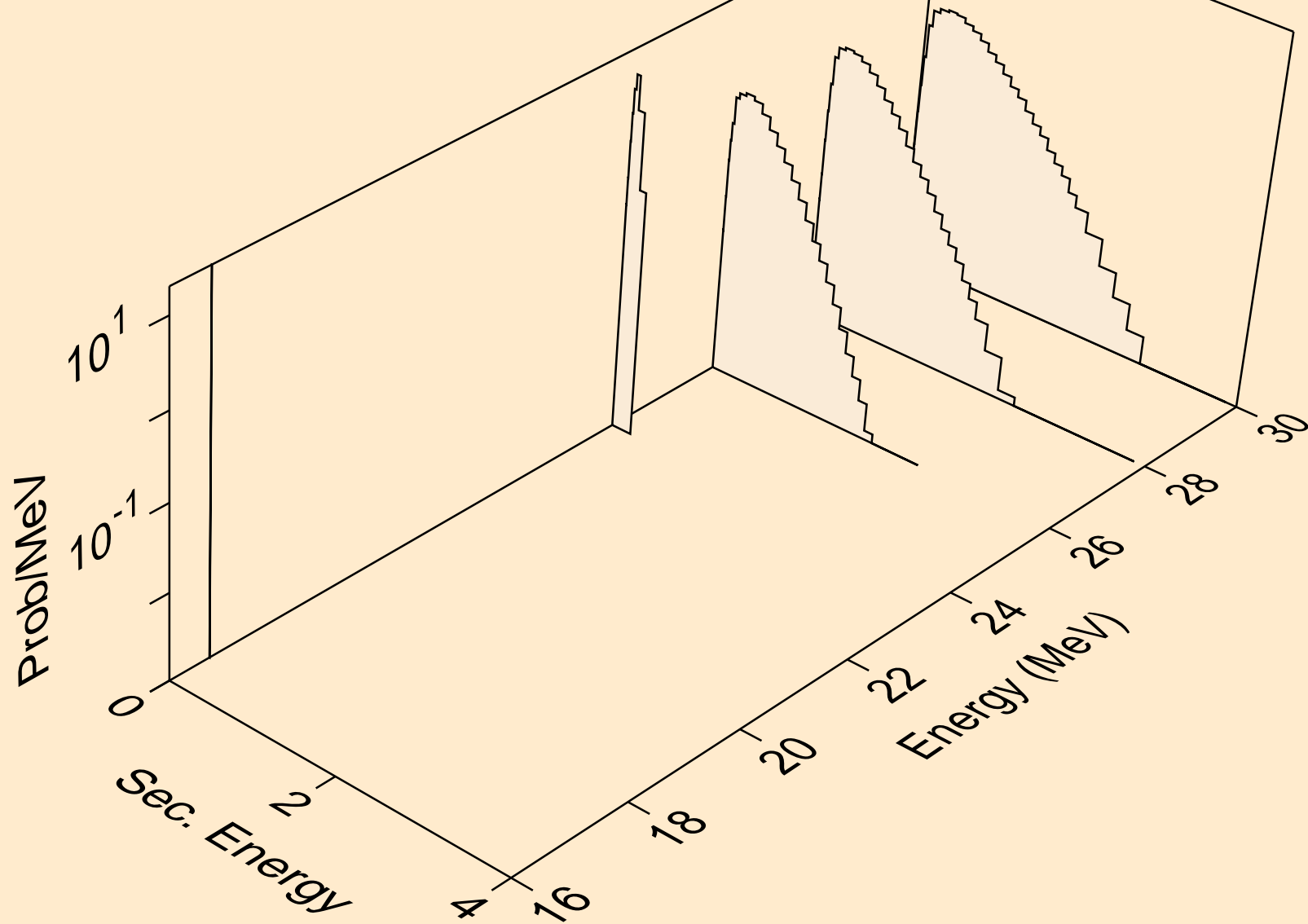
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neutrons from (a,2n)



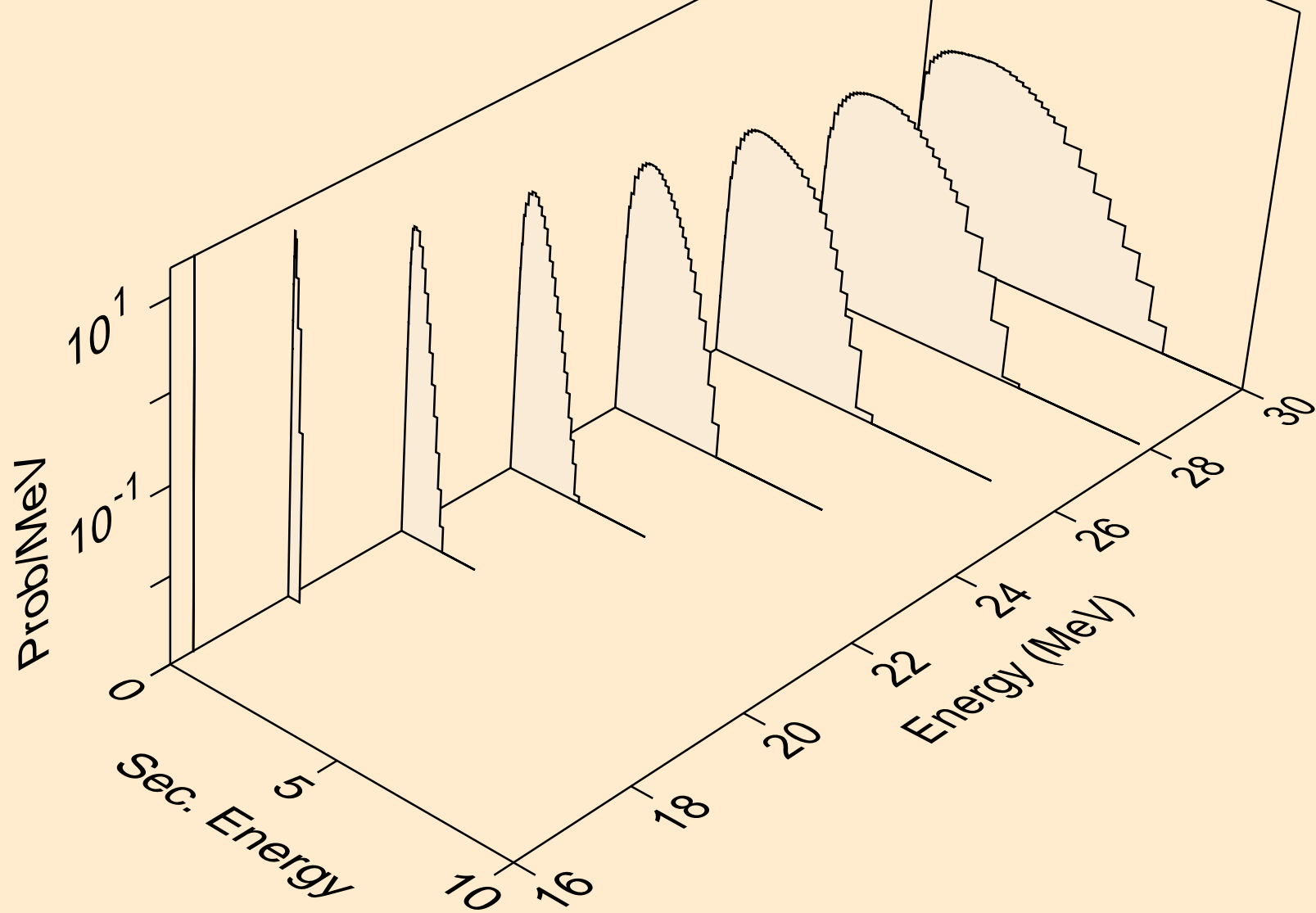
TL197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a



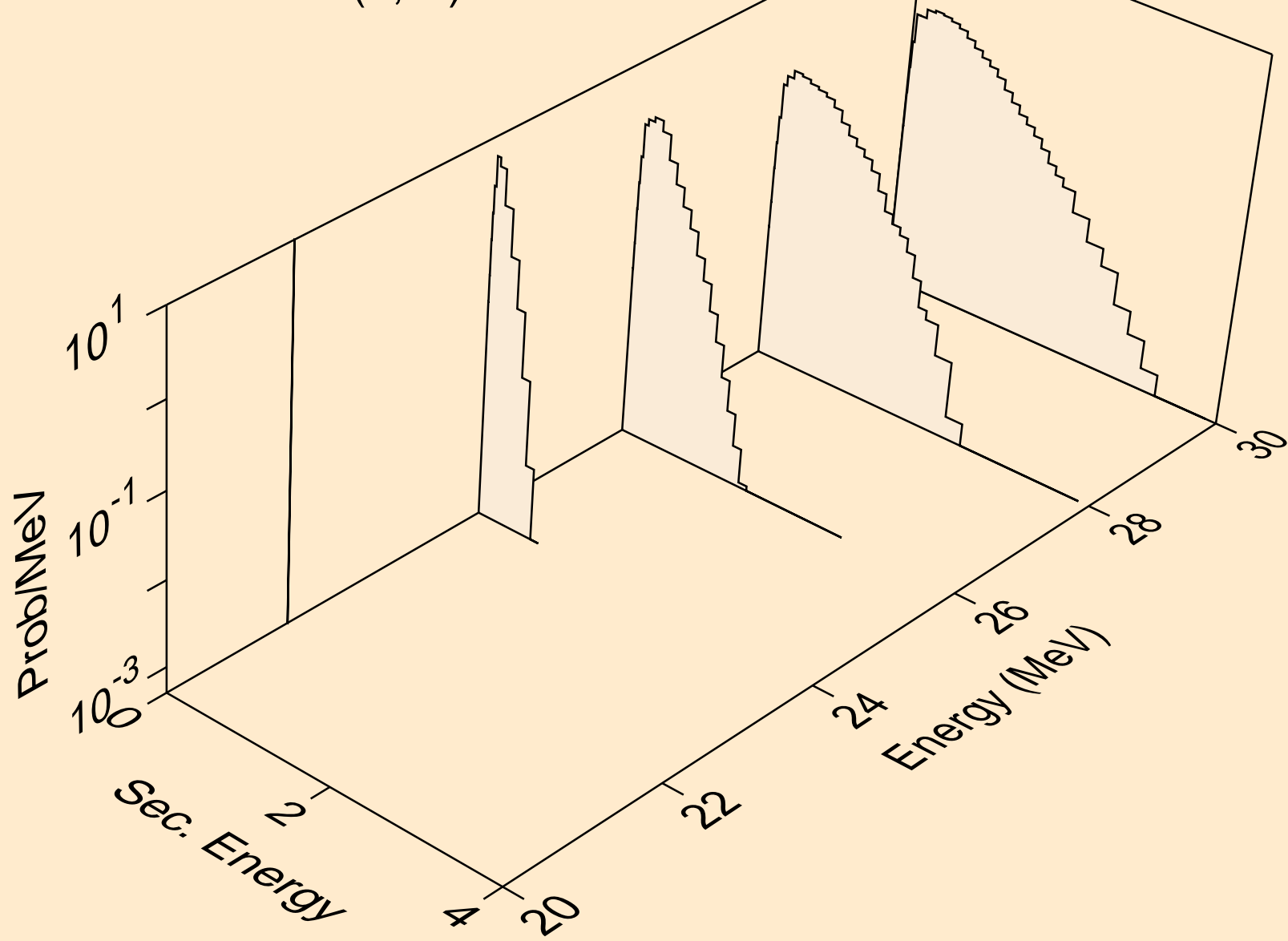
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neutrons from (a,2n)a



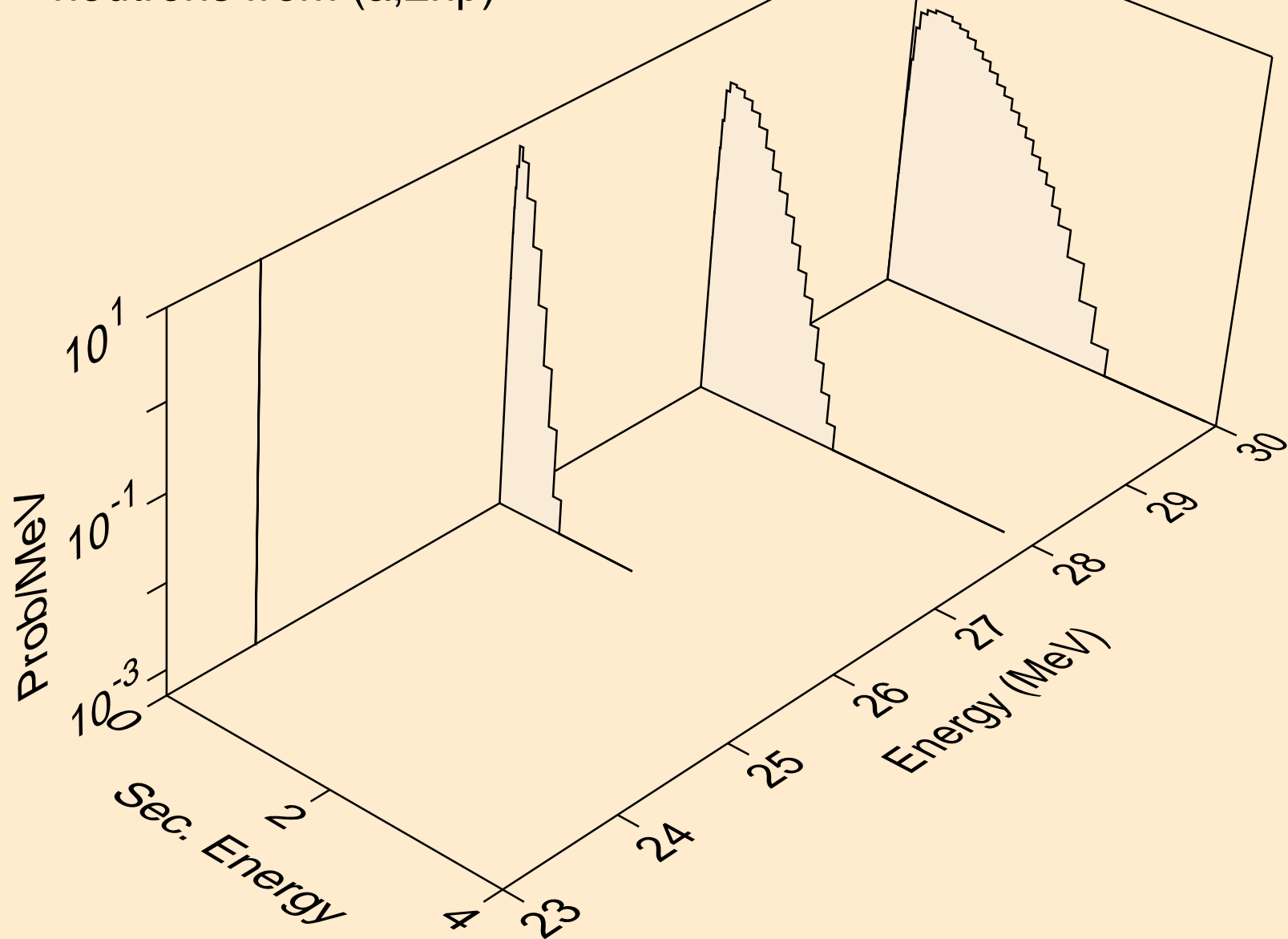
TL197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)p



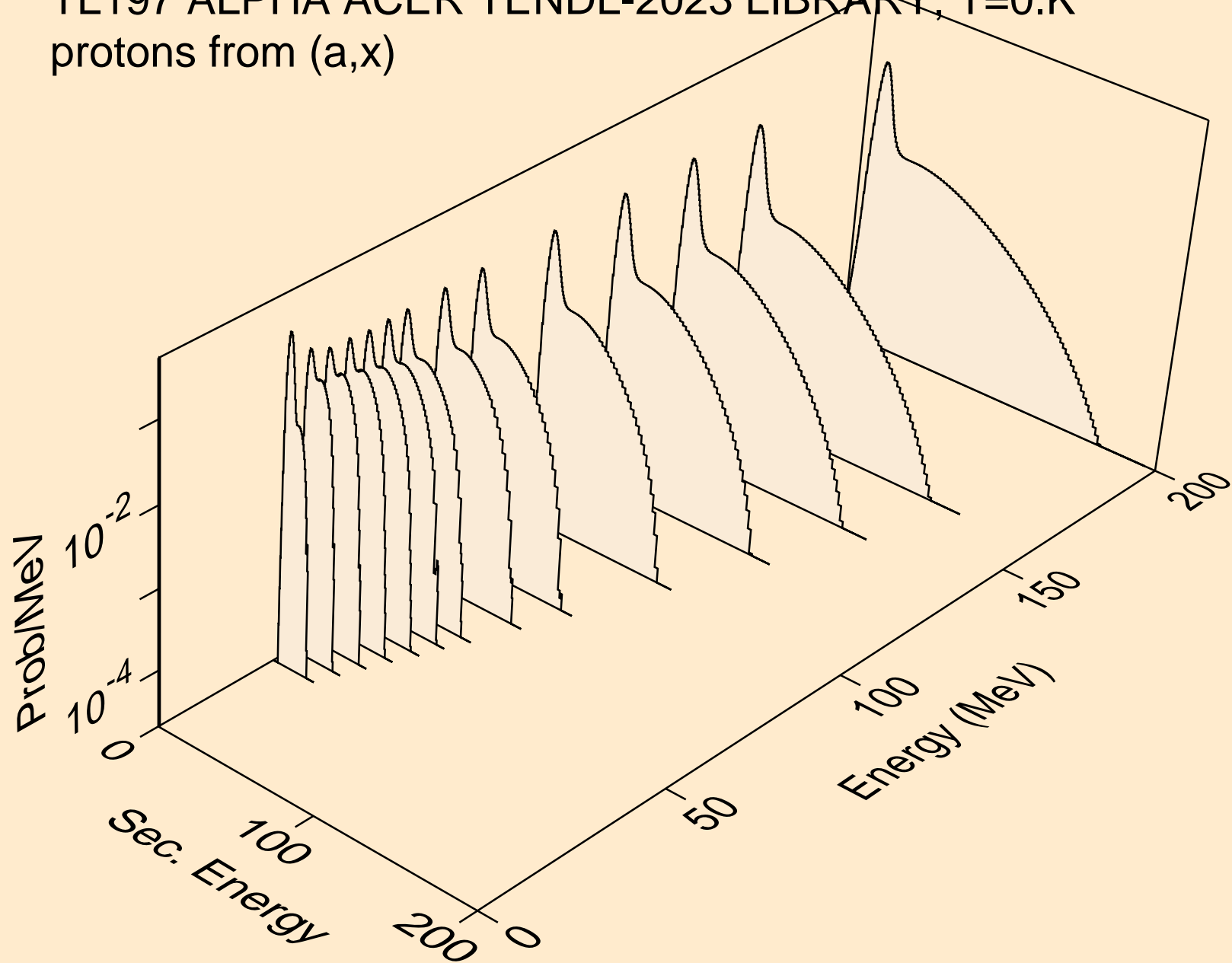
TL197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
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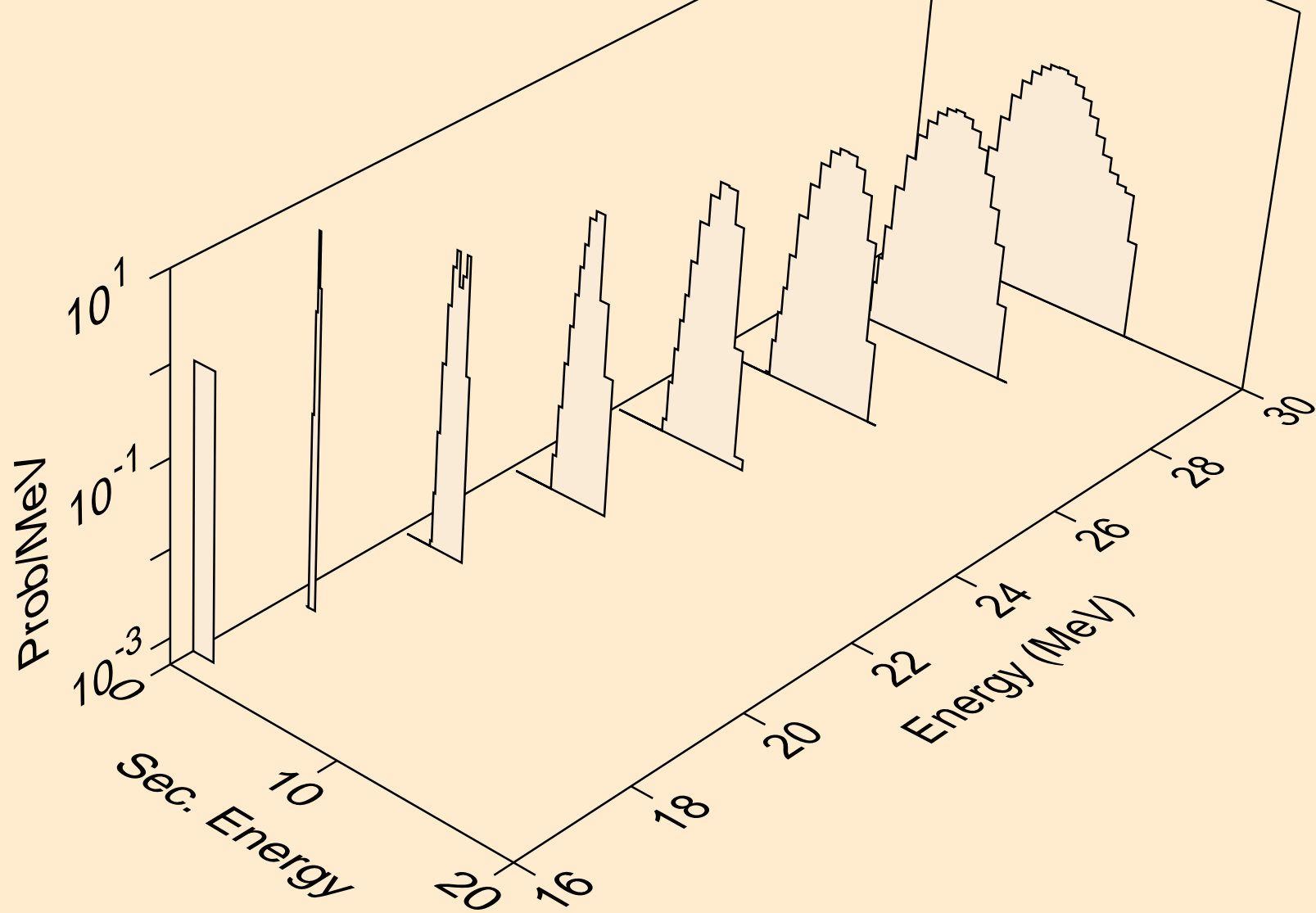
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neutrons from (a,2np)



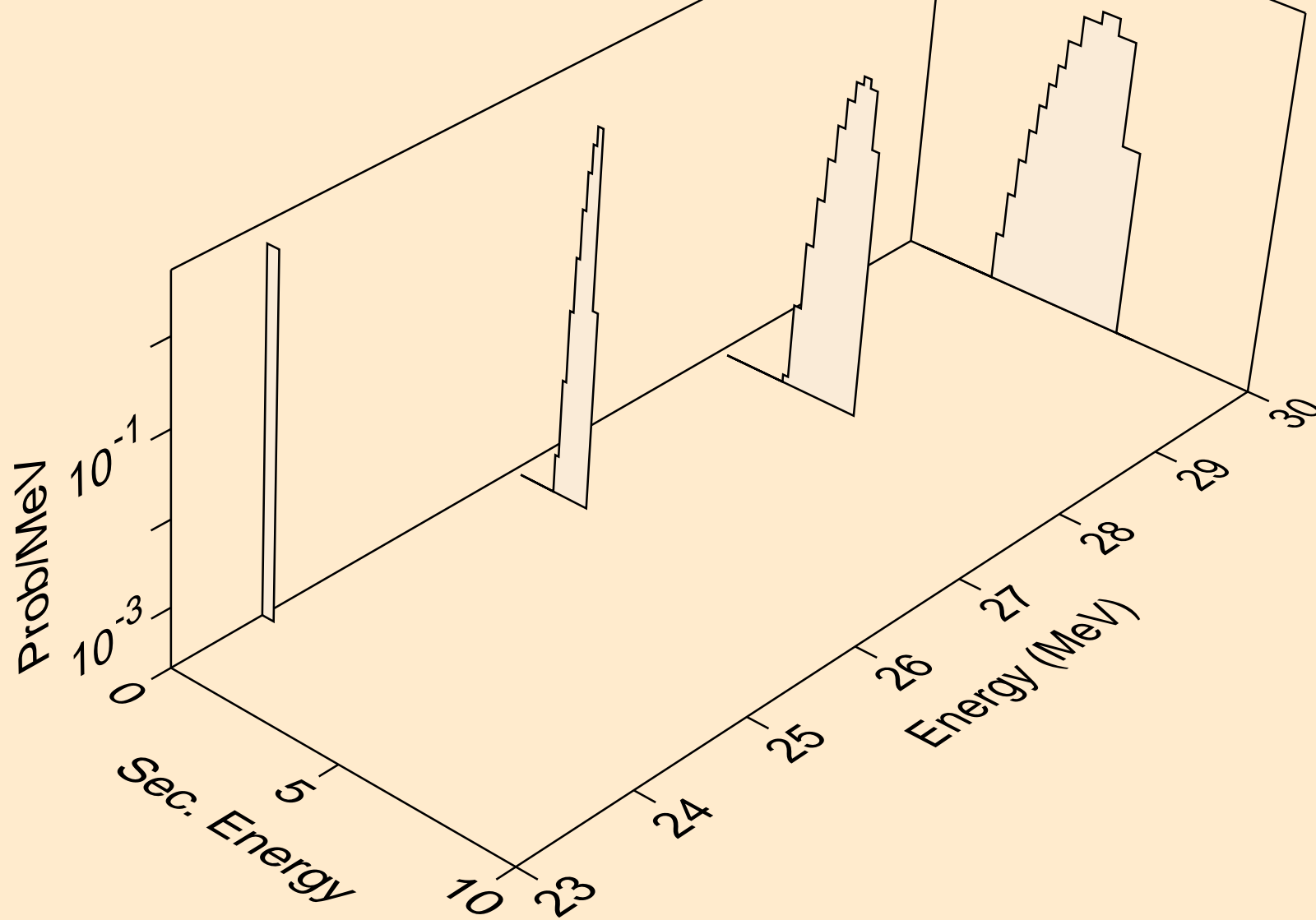
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protons from (a,x)



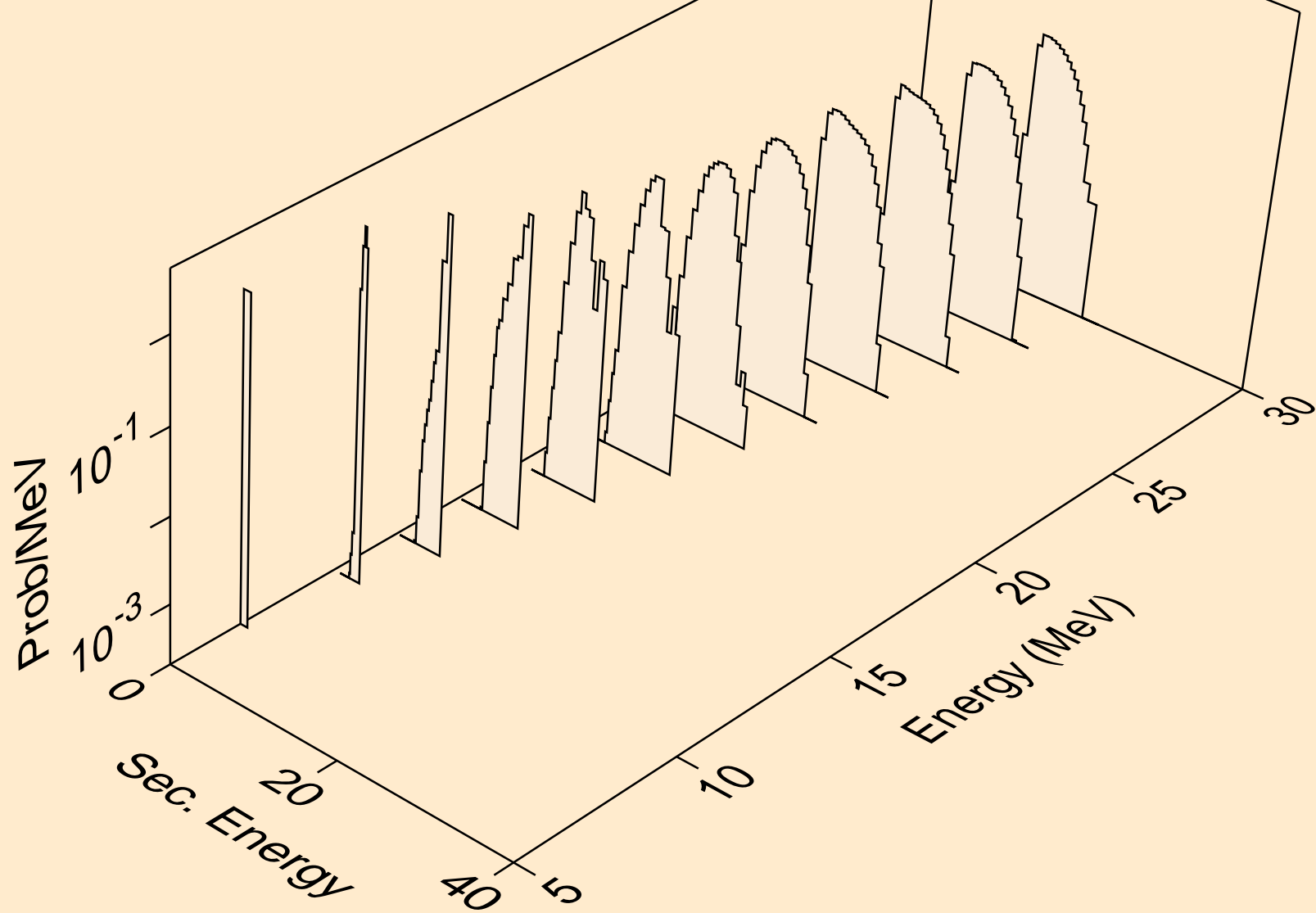
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protons from (a,n\*)p



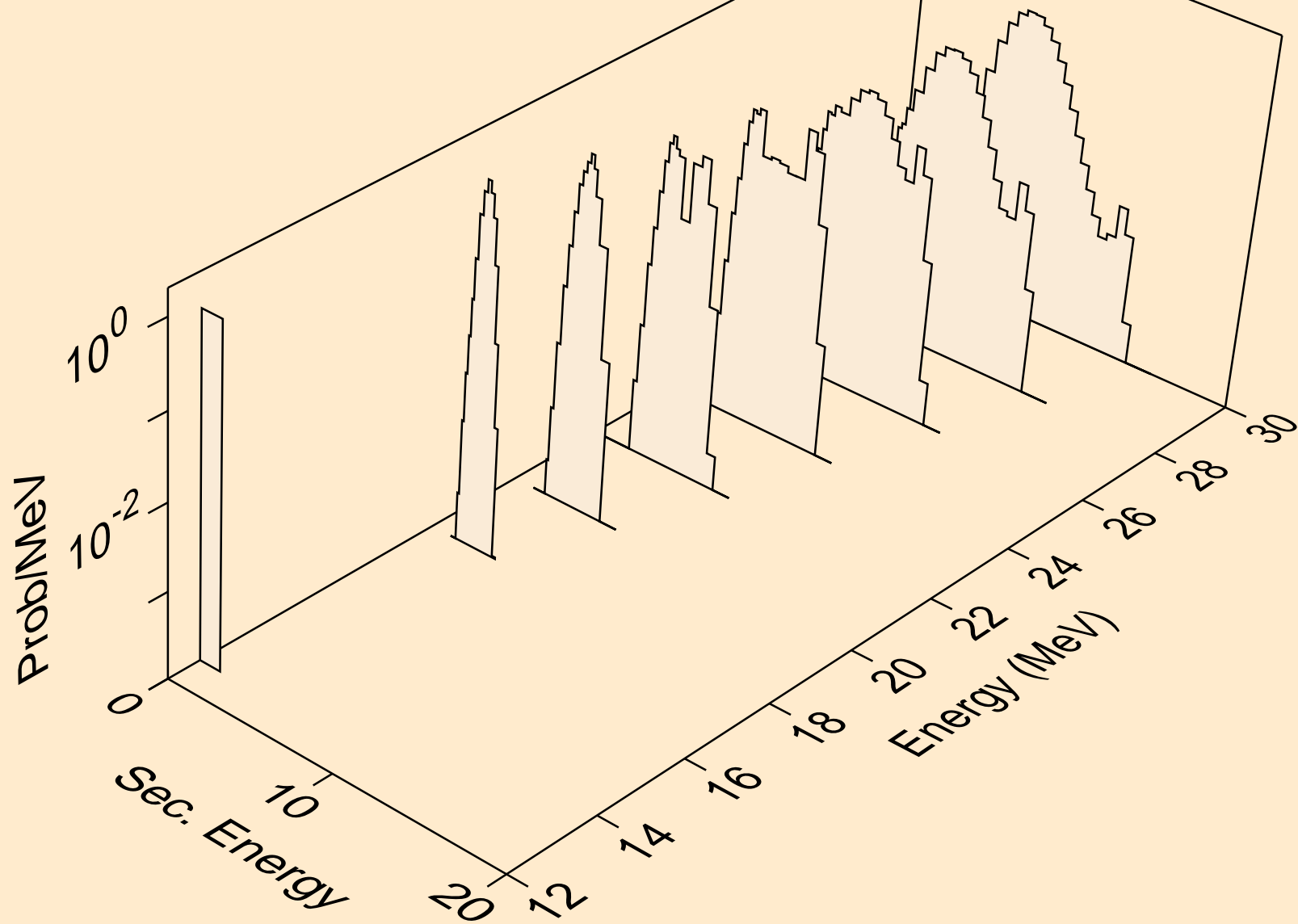
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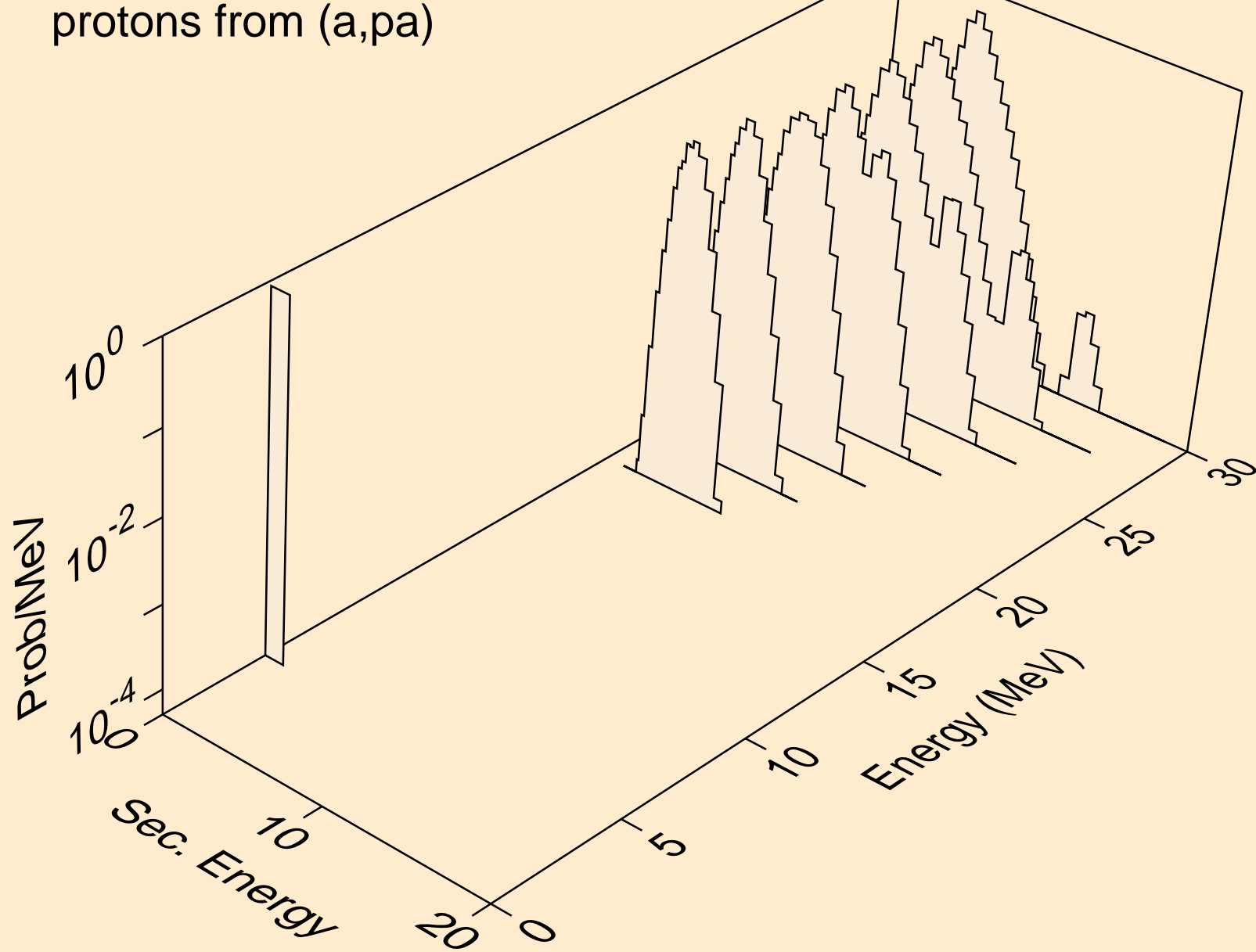
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protons from (a,p)



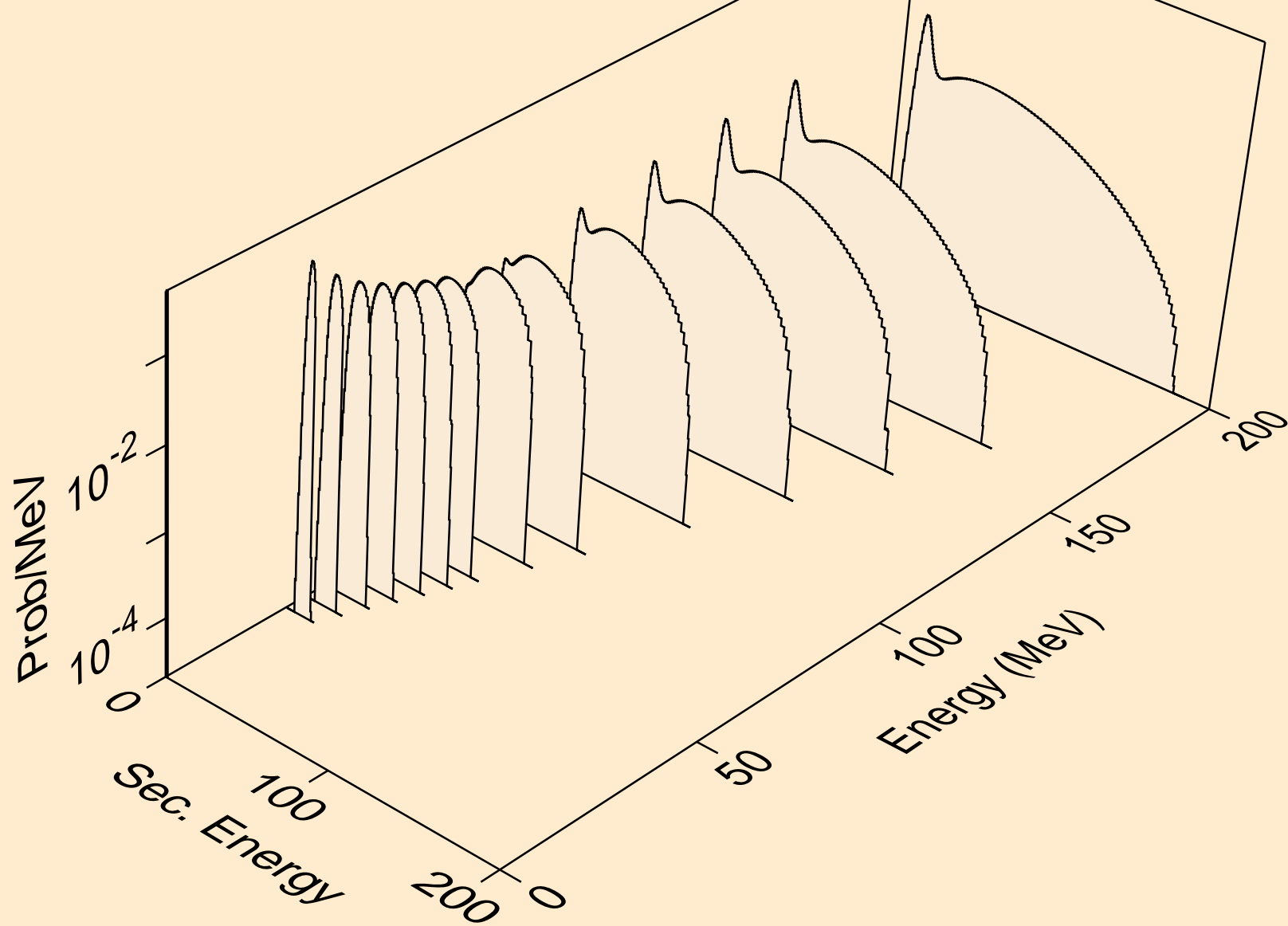
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protons from (a,2p)



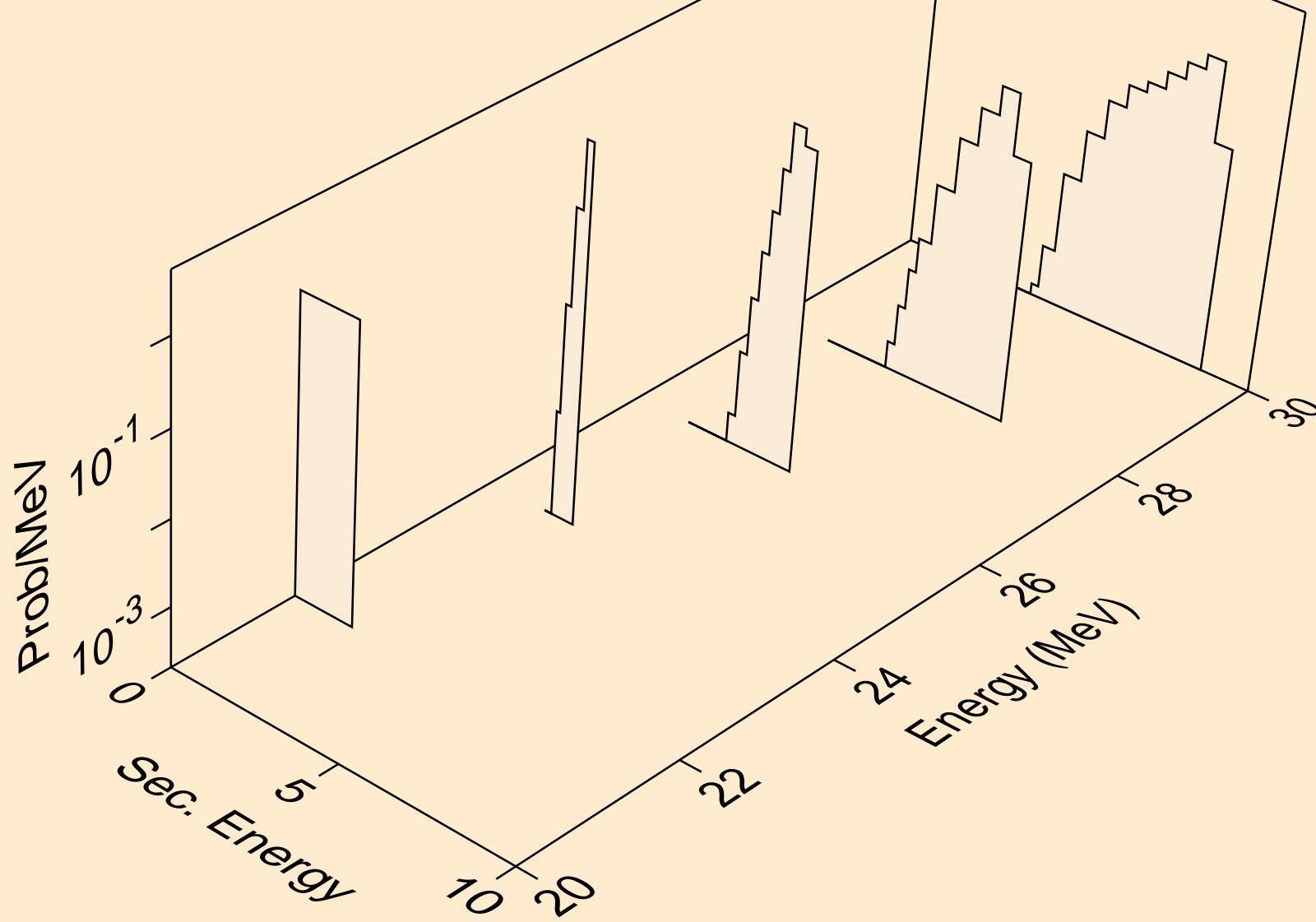
TL197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pa)



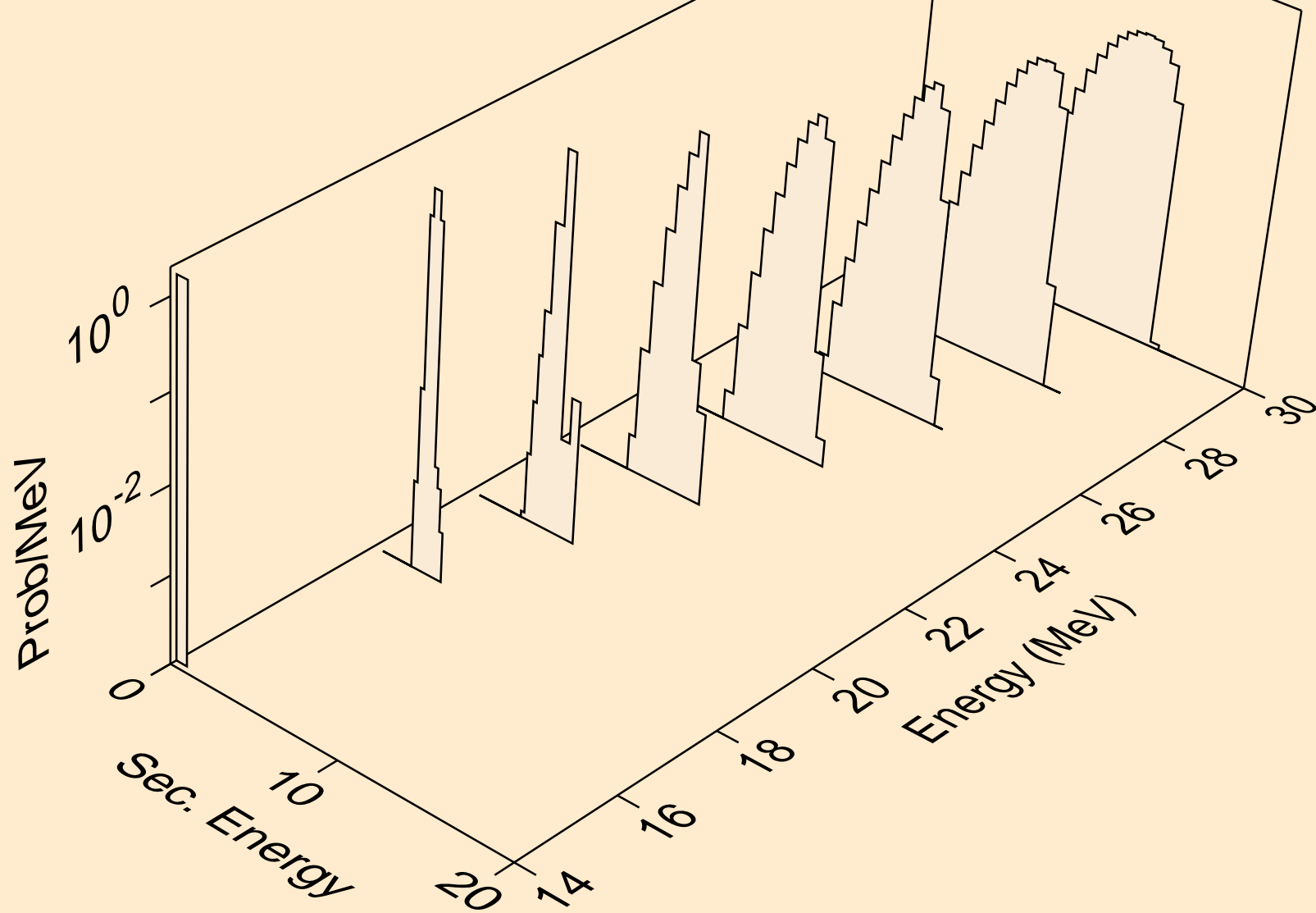
TL197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)



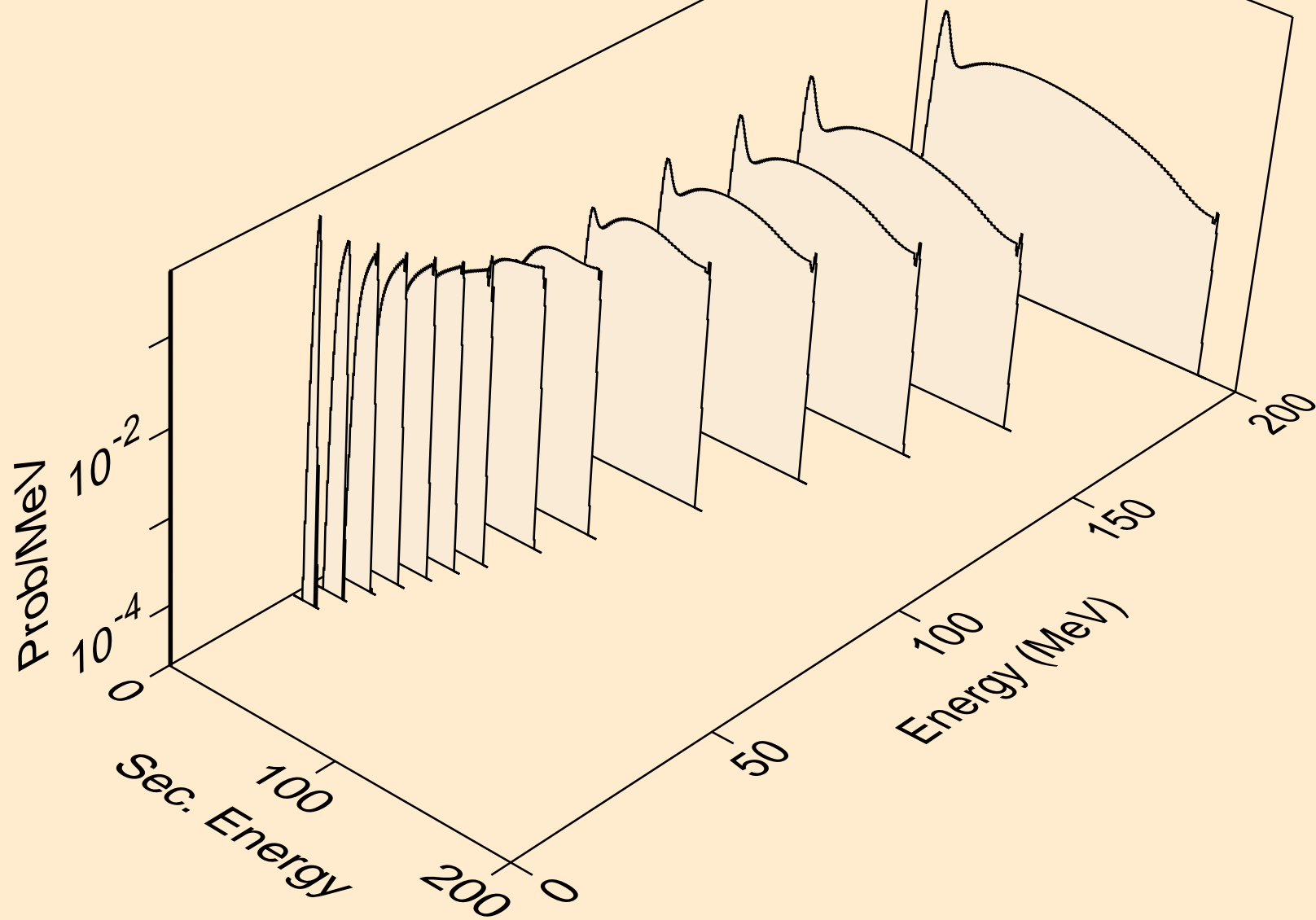
TL197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
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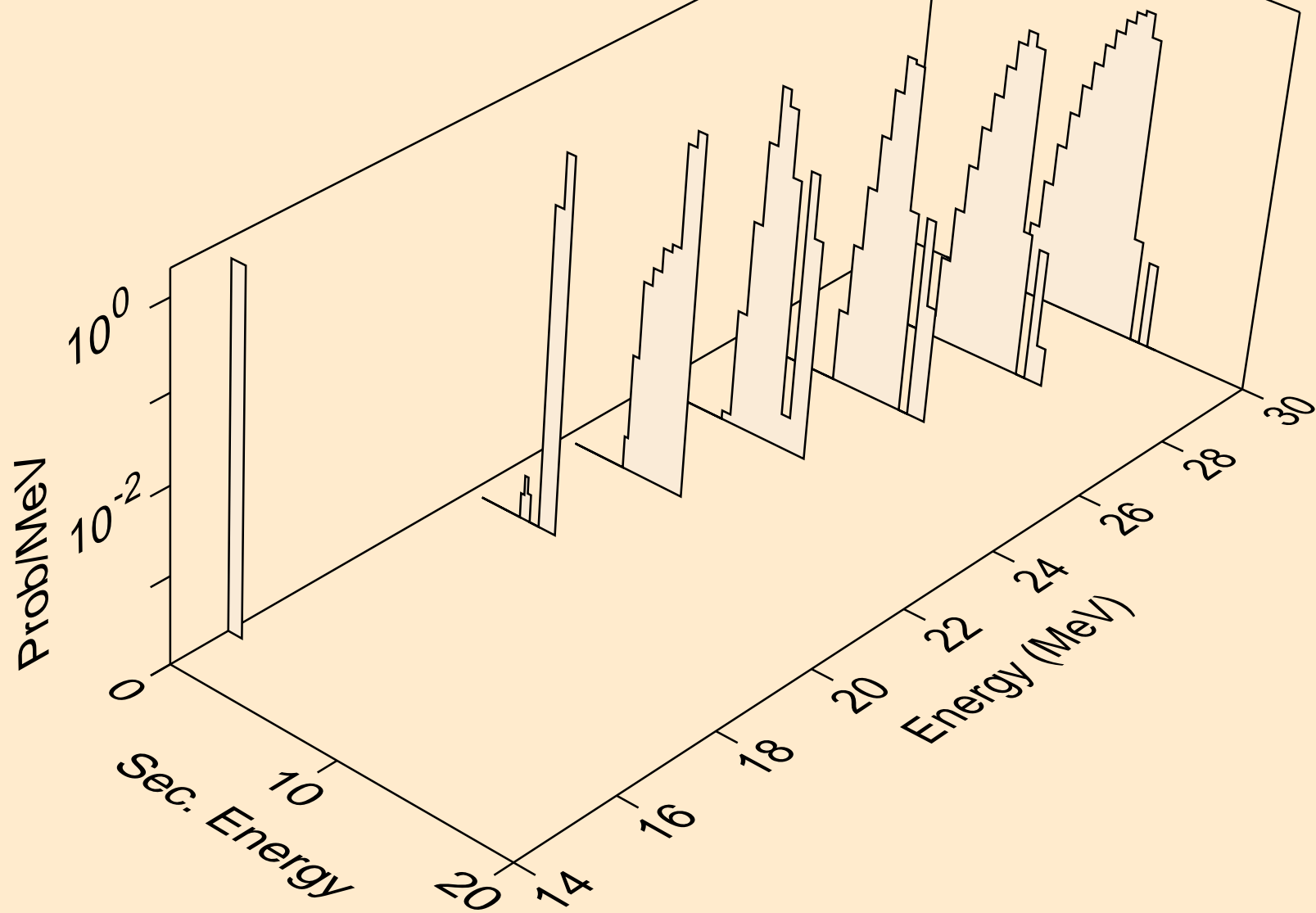
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deuterons from (a,d)



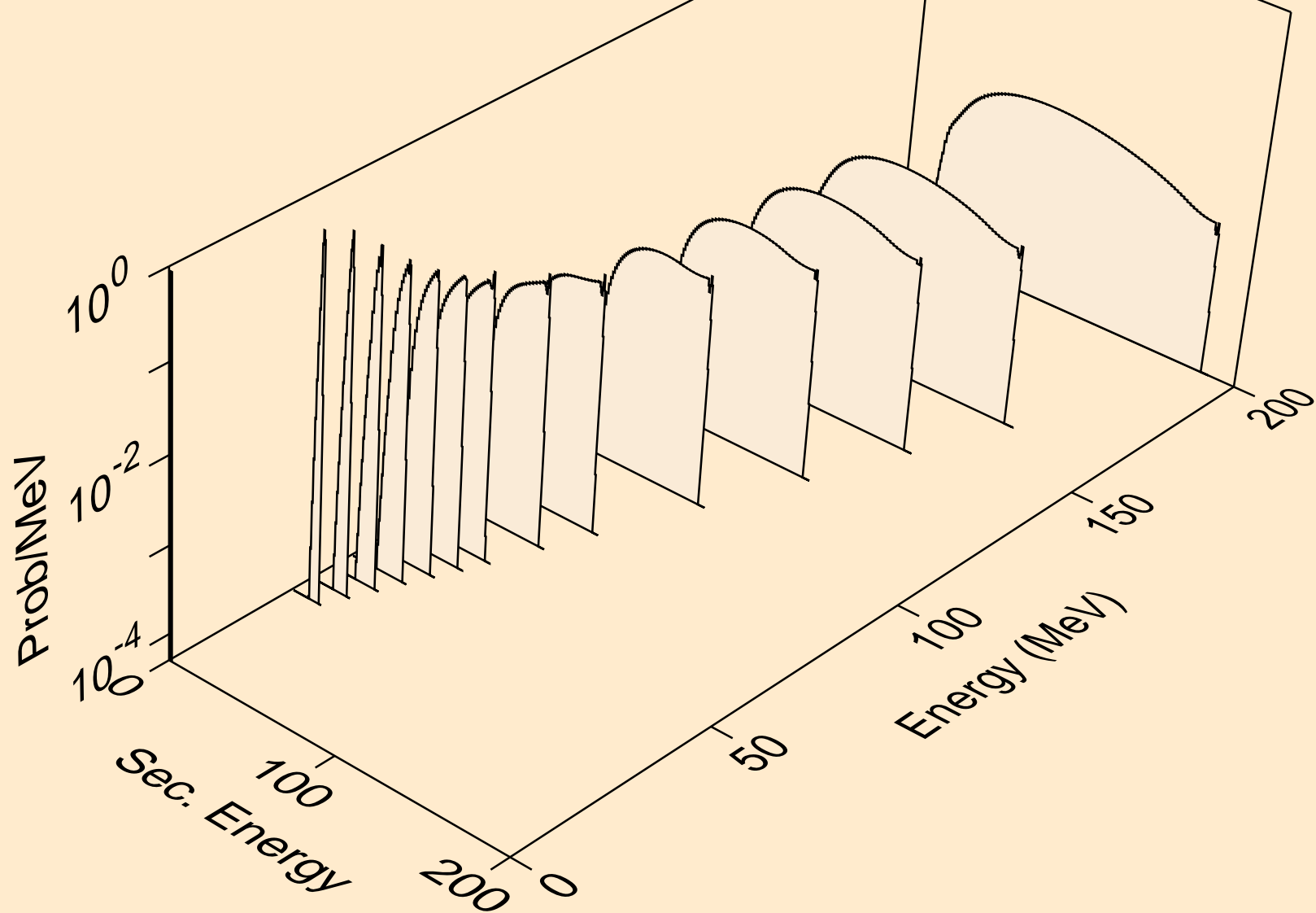
TL197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)



TL197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)



TL197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



TL197 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

