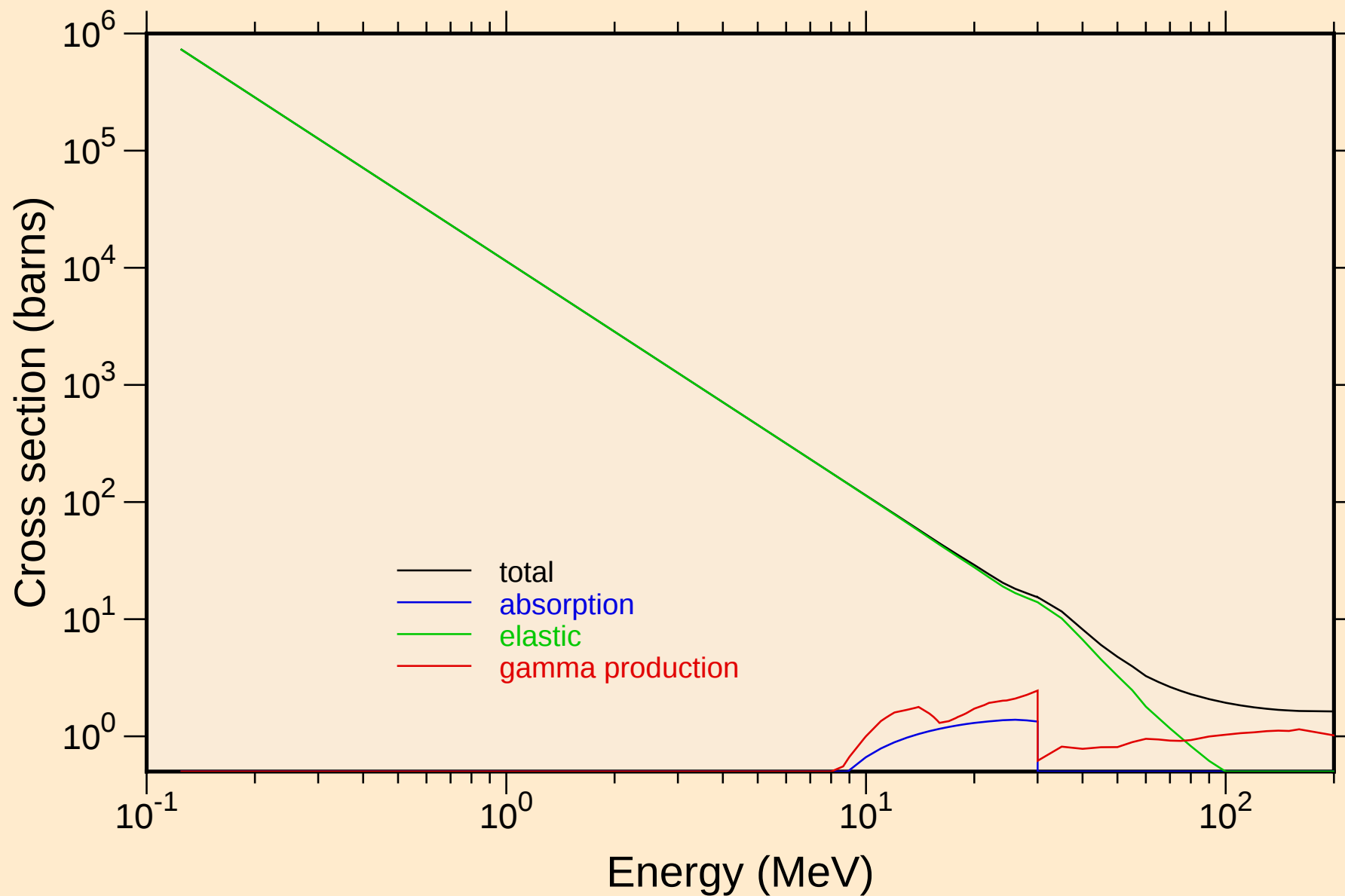


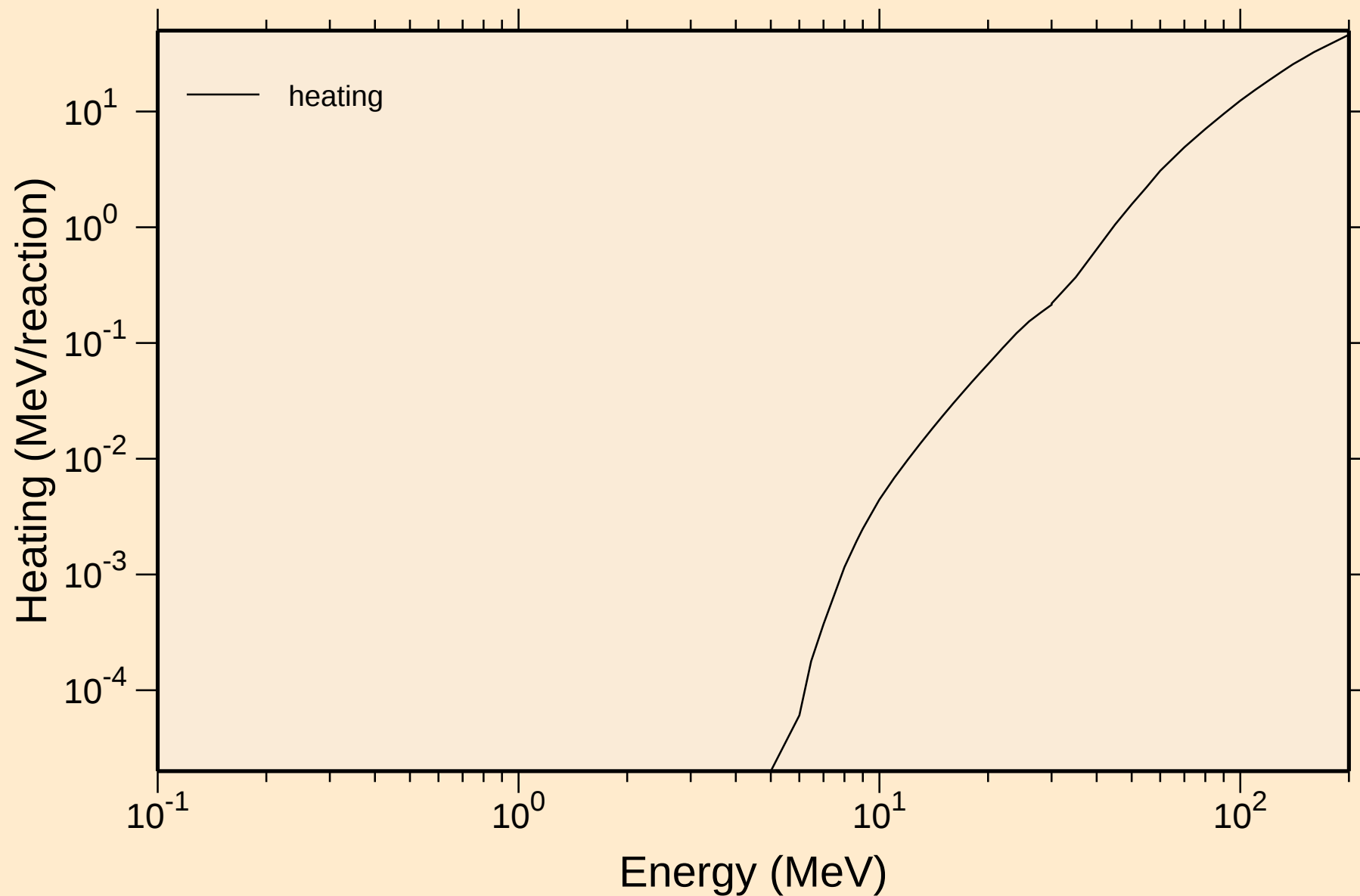
# CA052 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



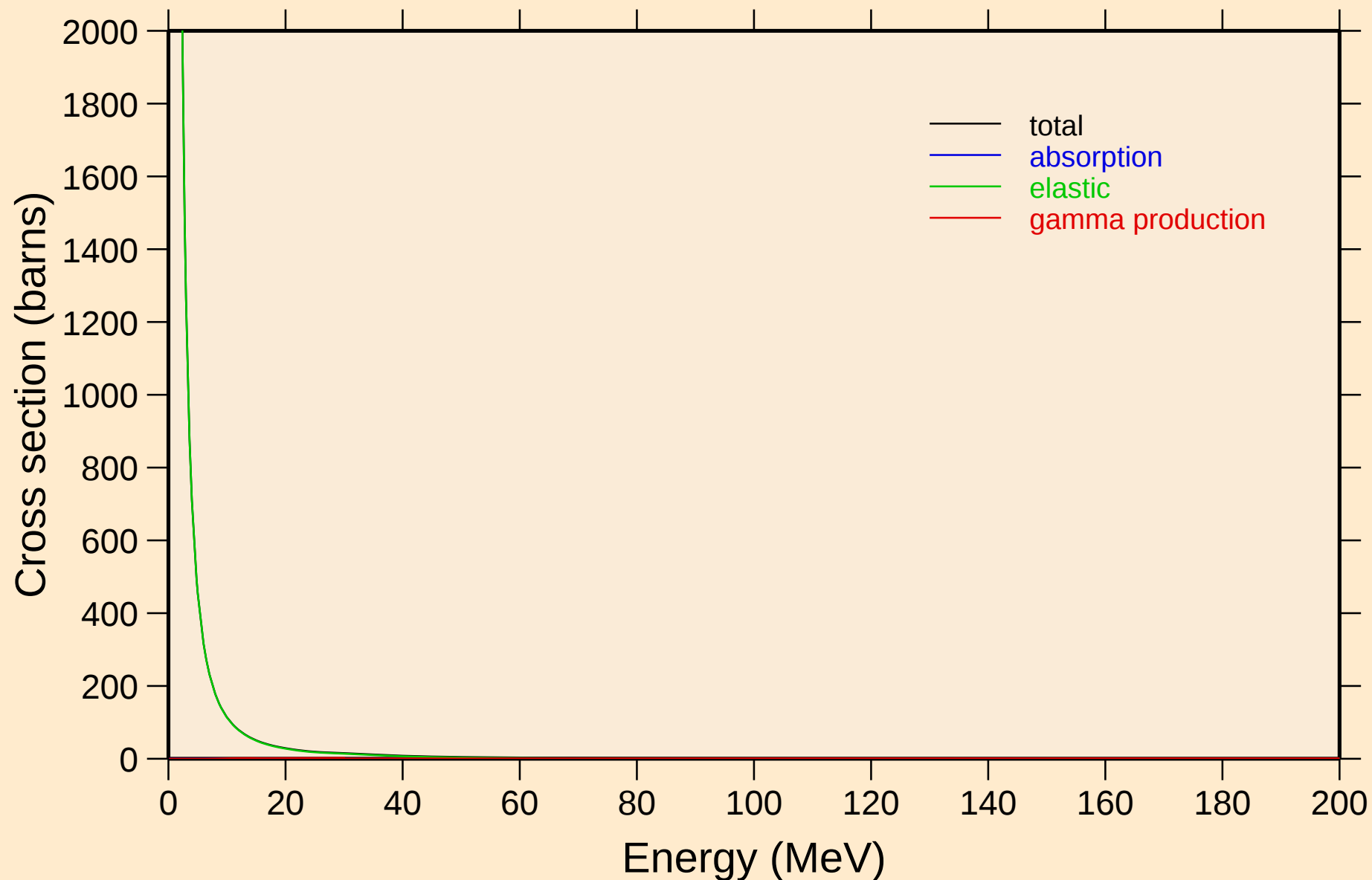
CA052 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Heating



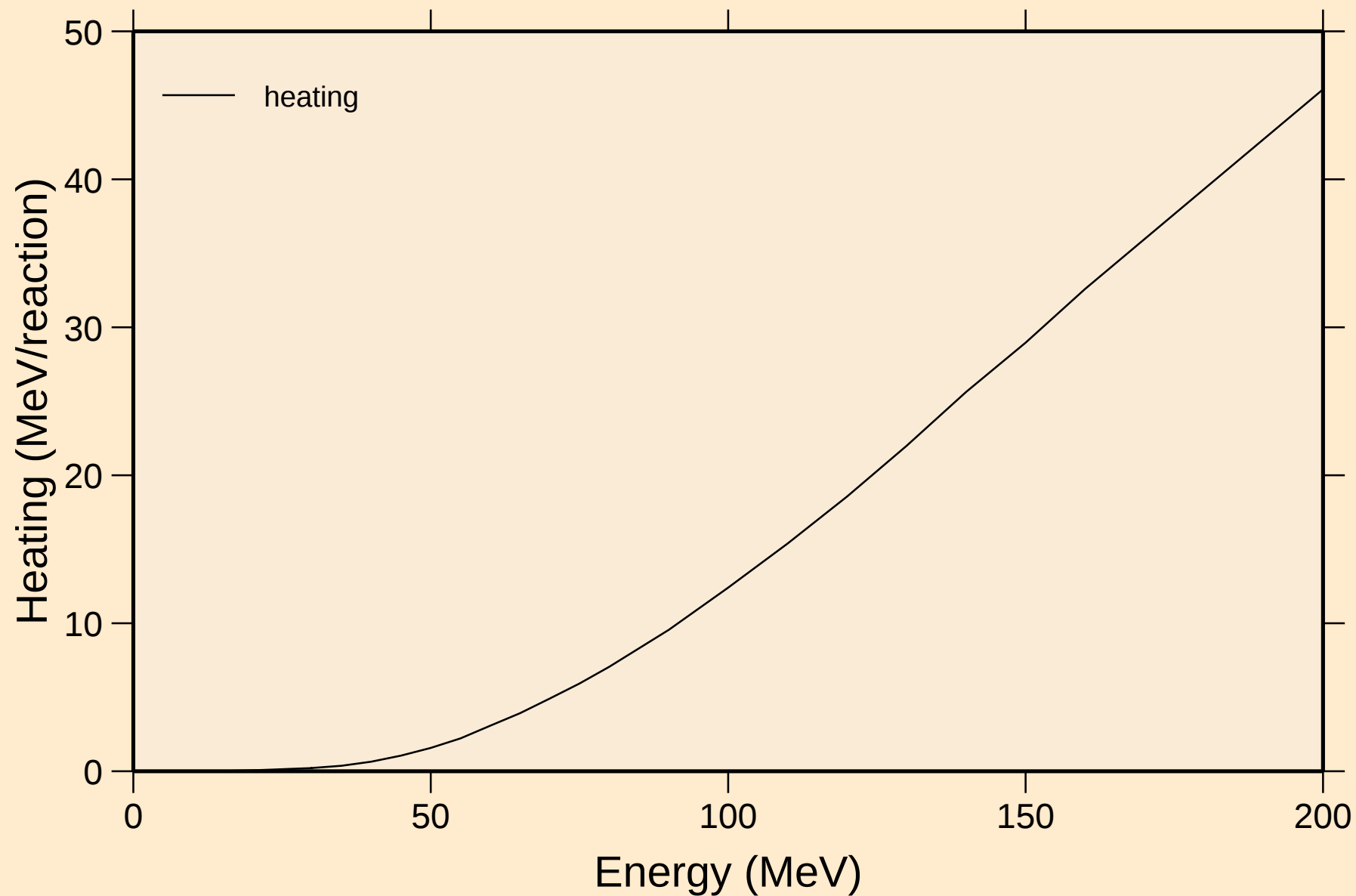
# CA052 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



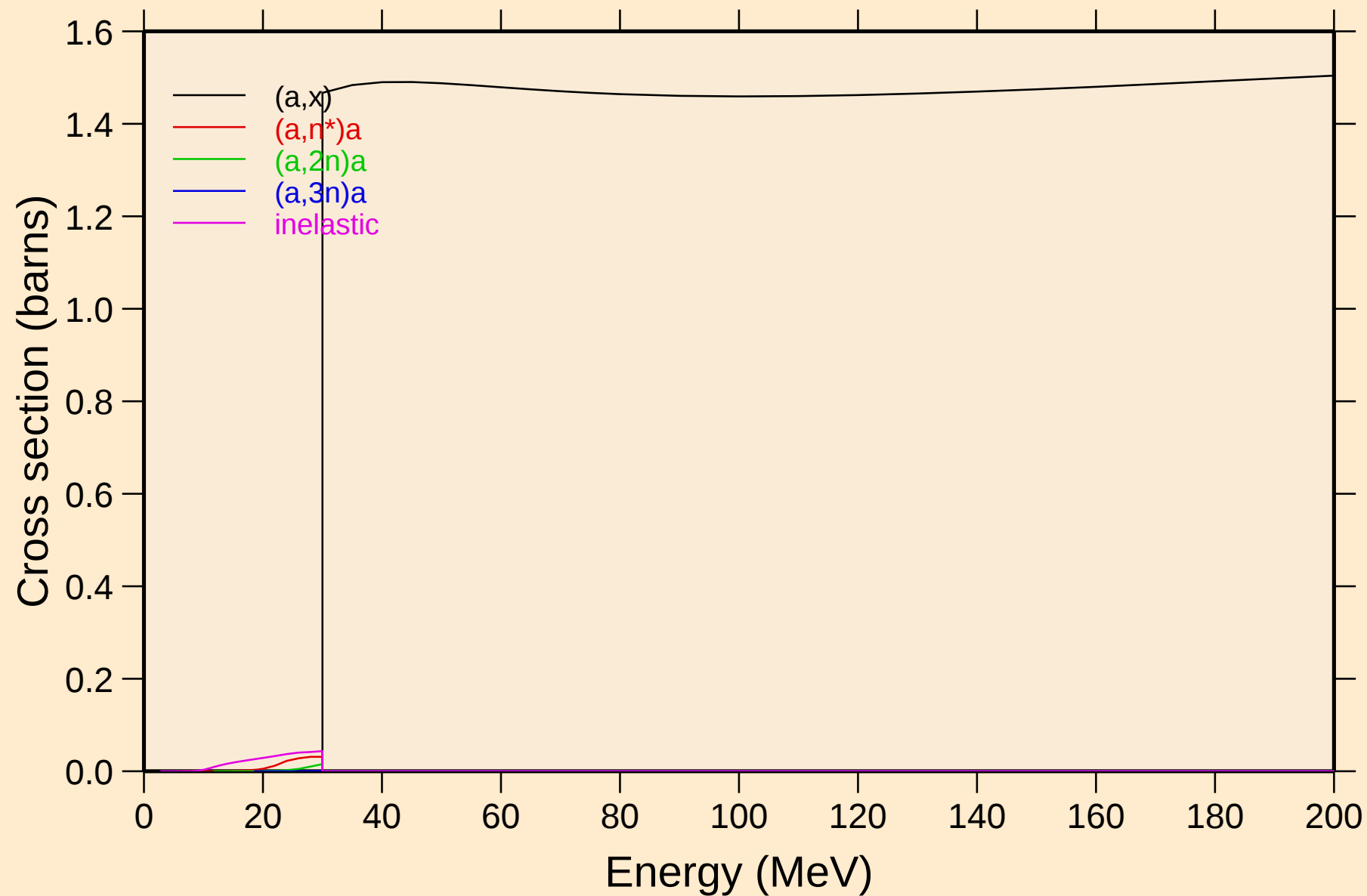
CA052 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Heating



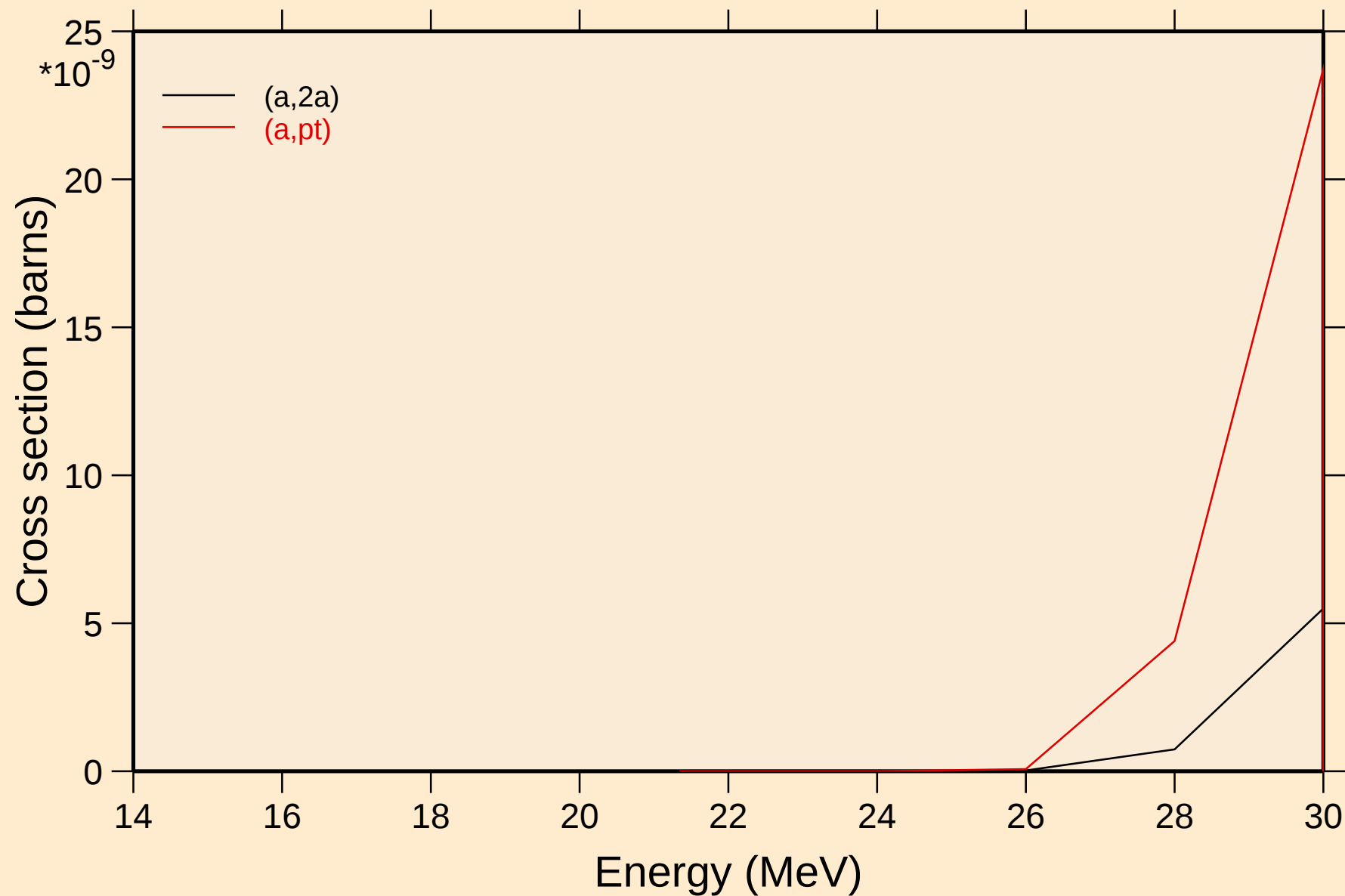
# CA052 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

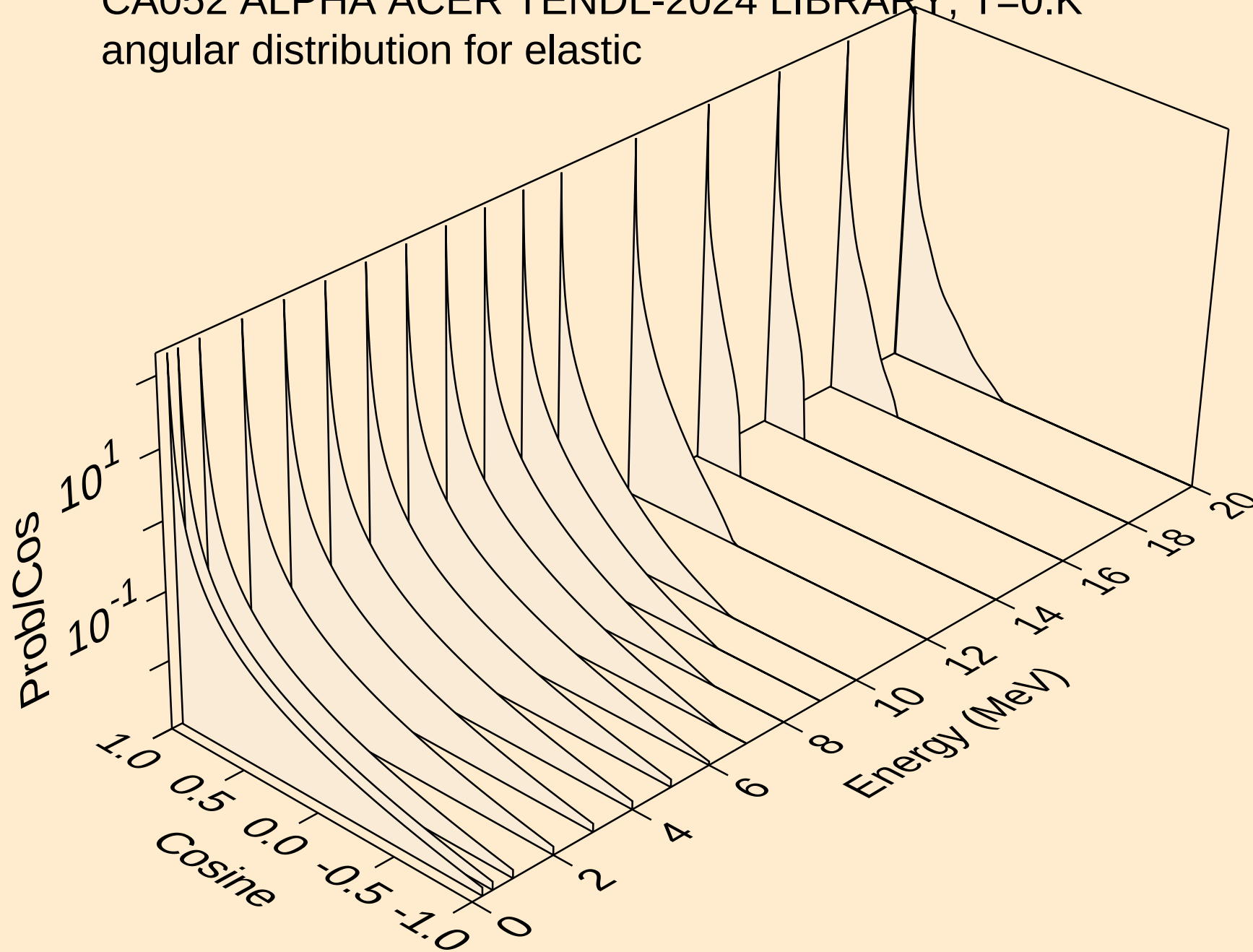


# CA052 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

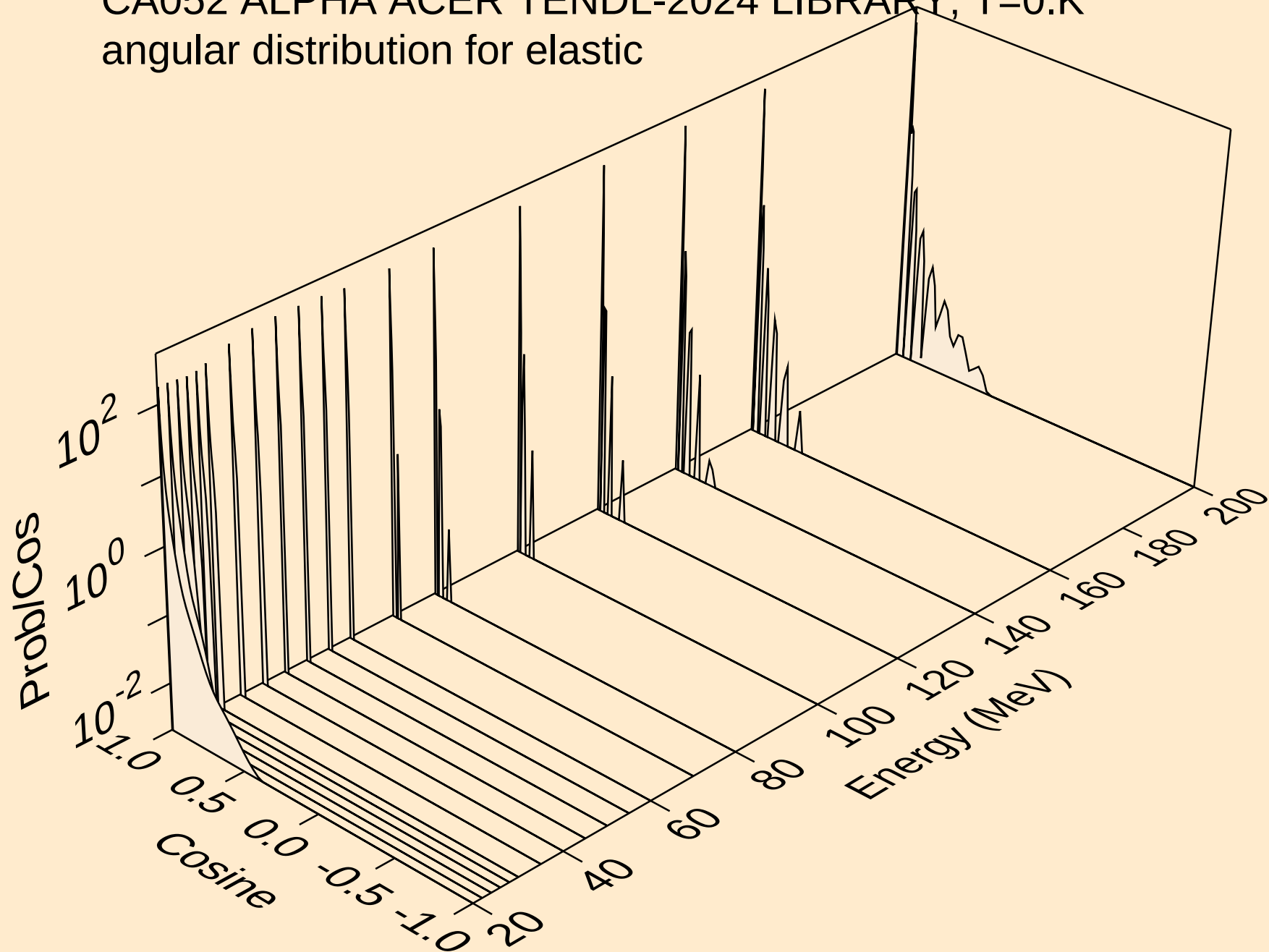
Threshold reactions



CA052 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

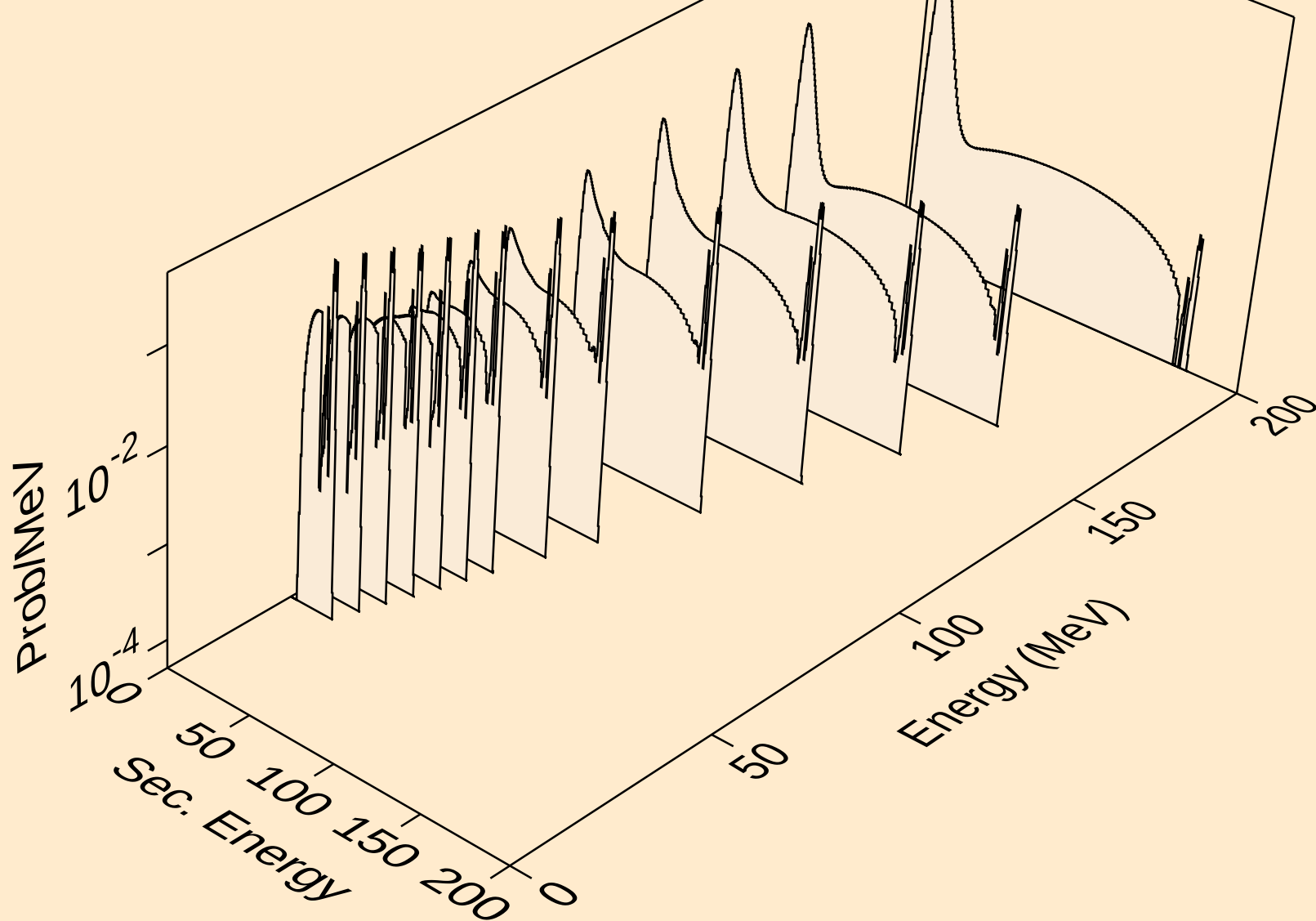


CA052 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



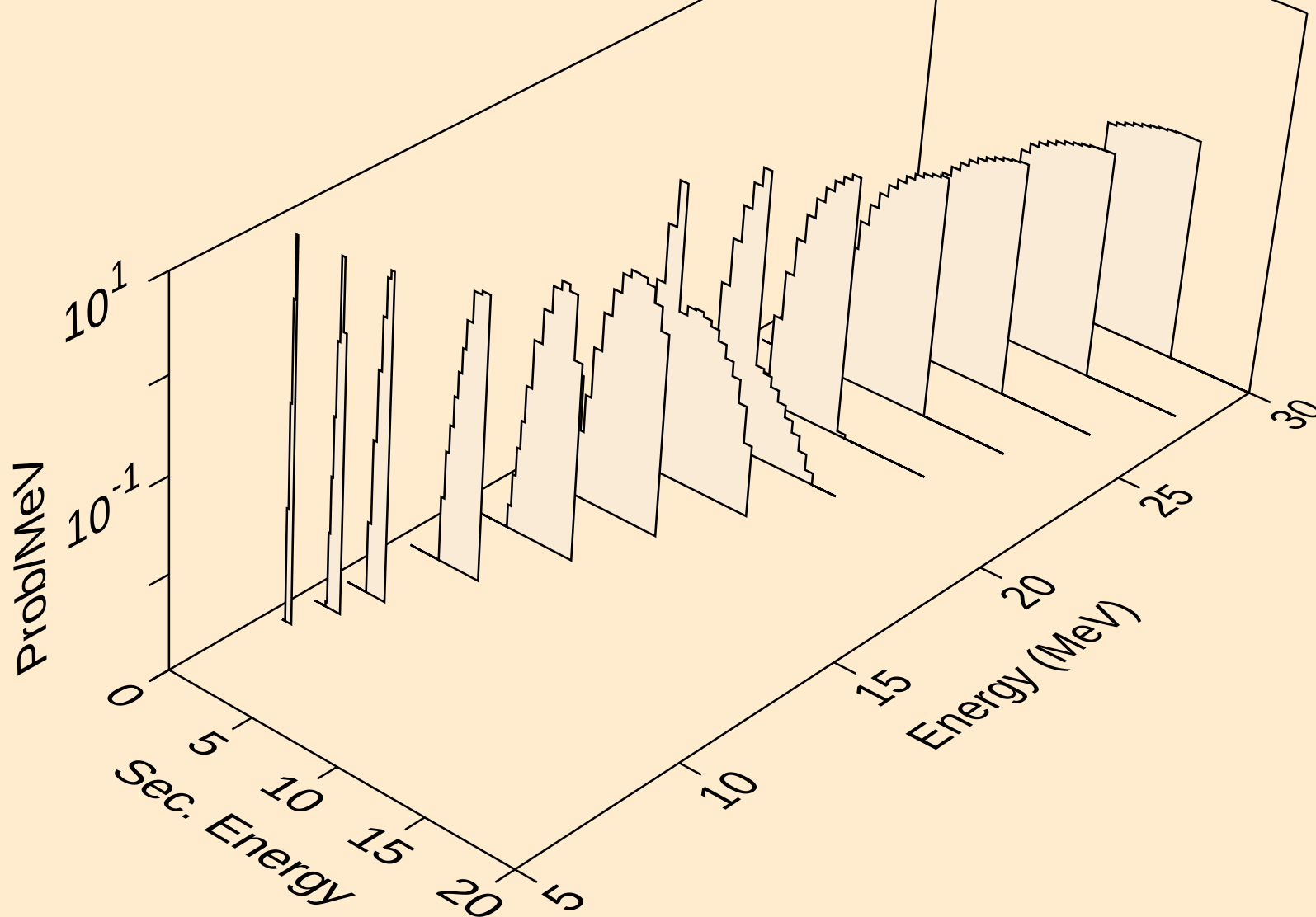
CA052 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,x)



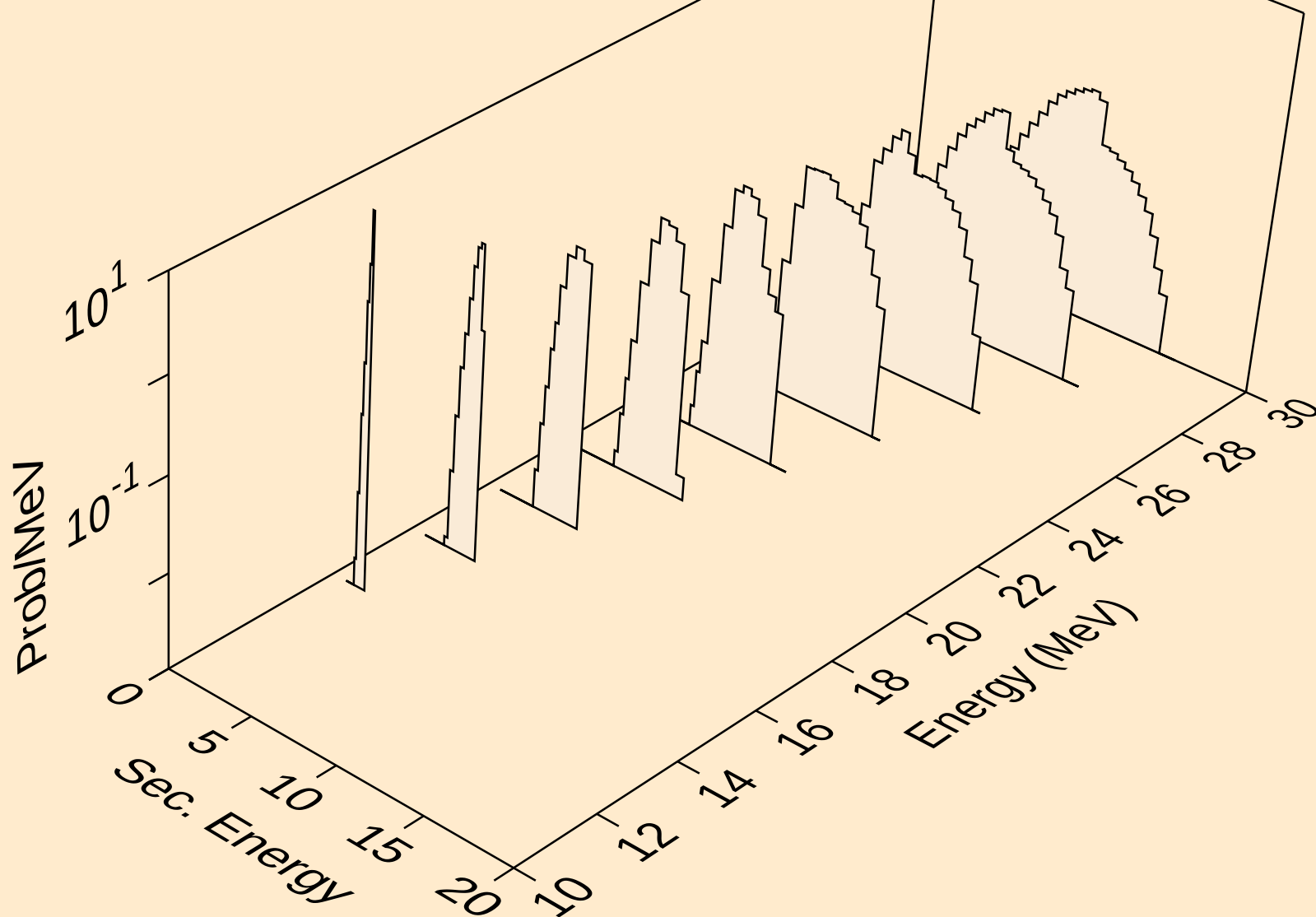
CA052 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,n\*)a



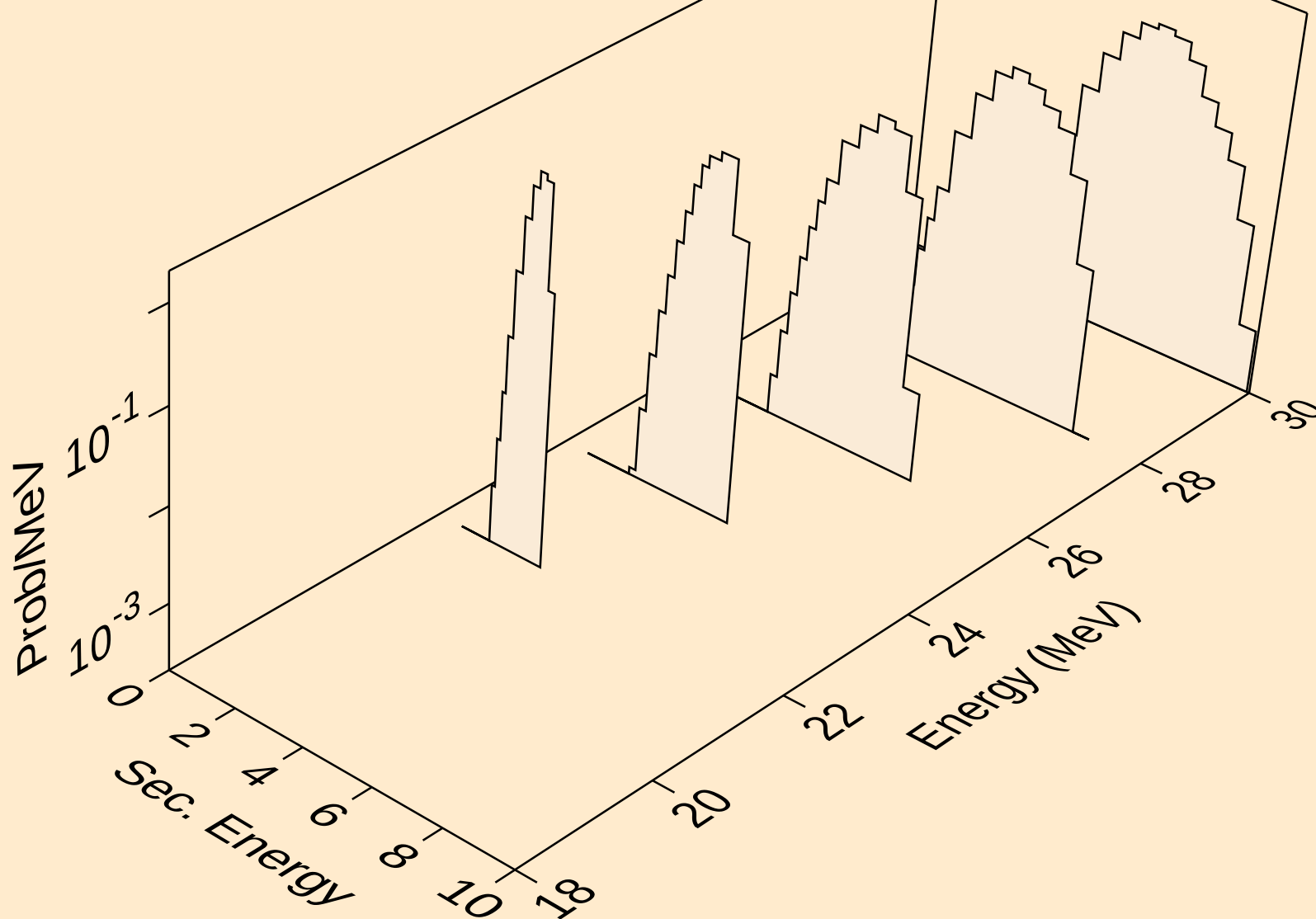
CA052 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,2n)a



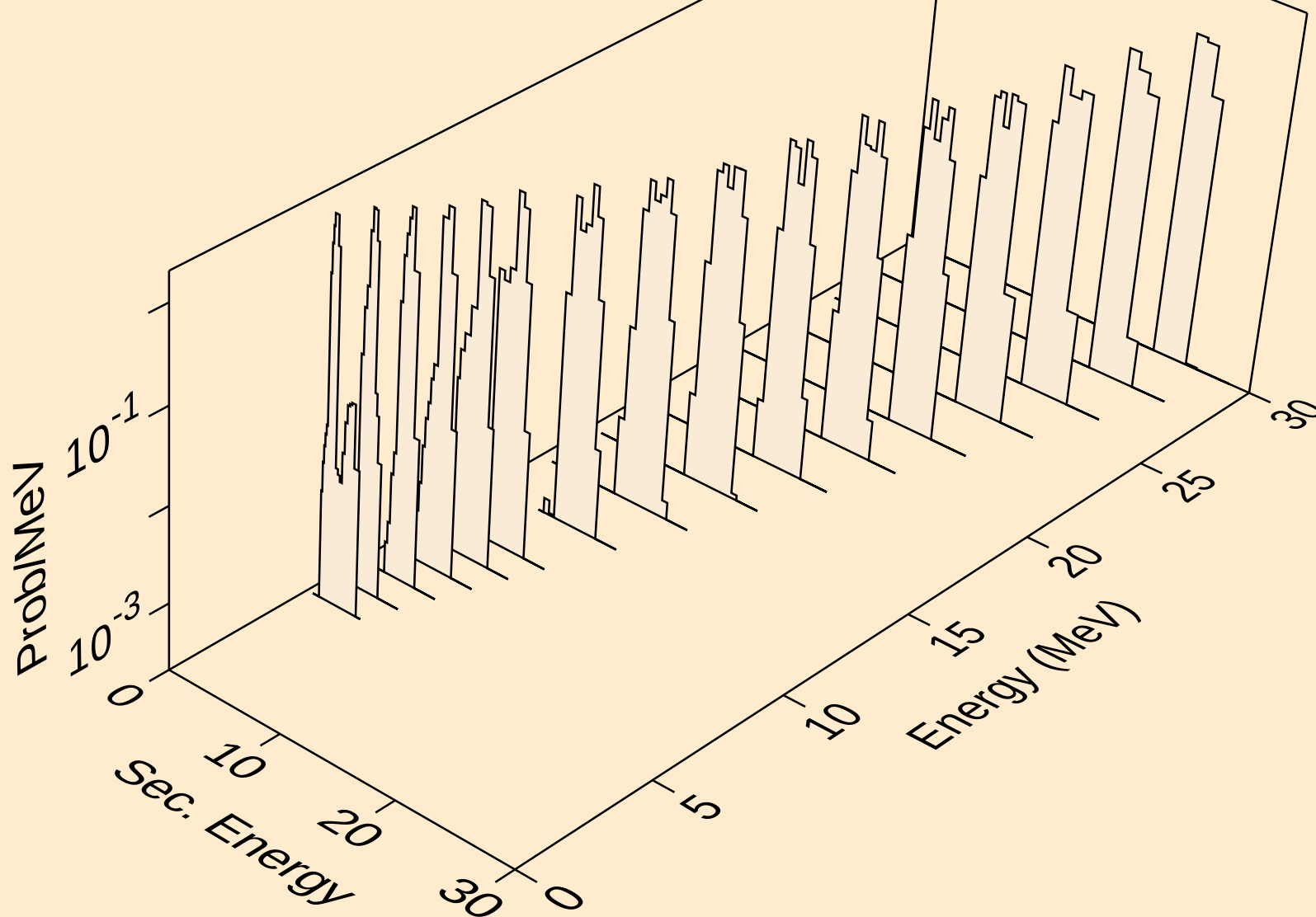
CA052 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,3n)a



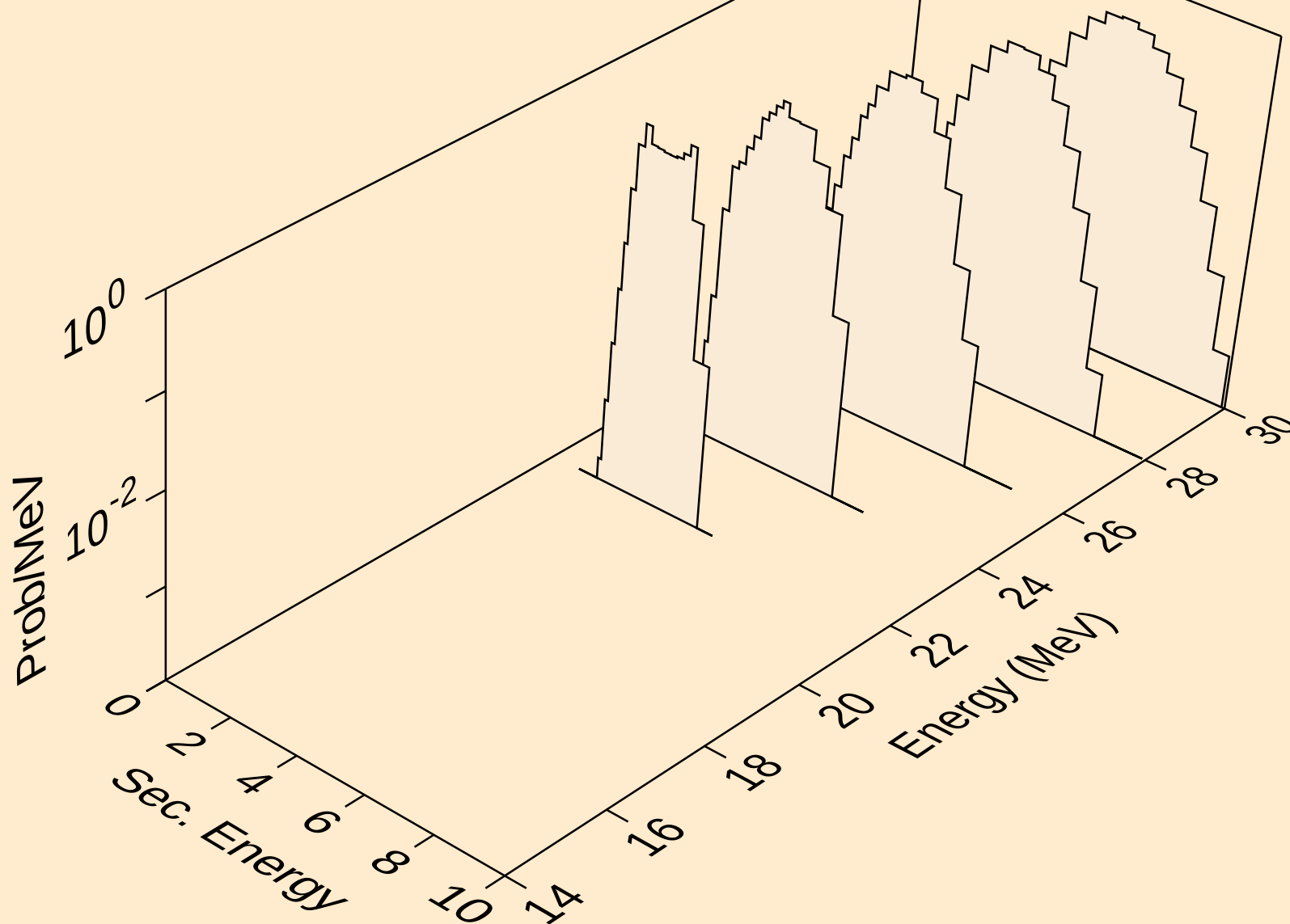
CA052 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for inelastic

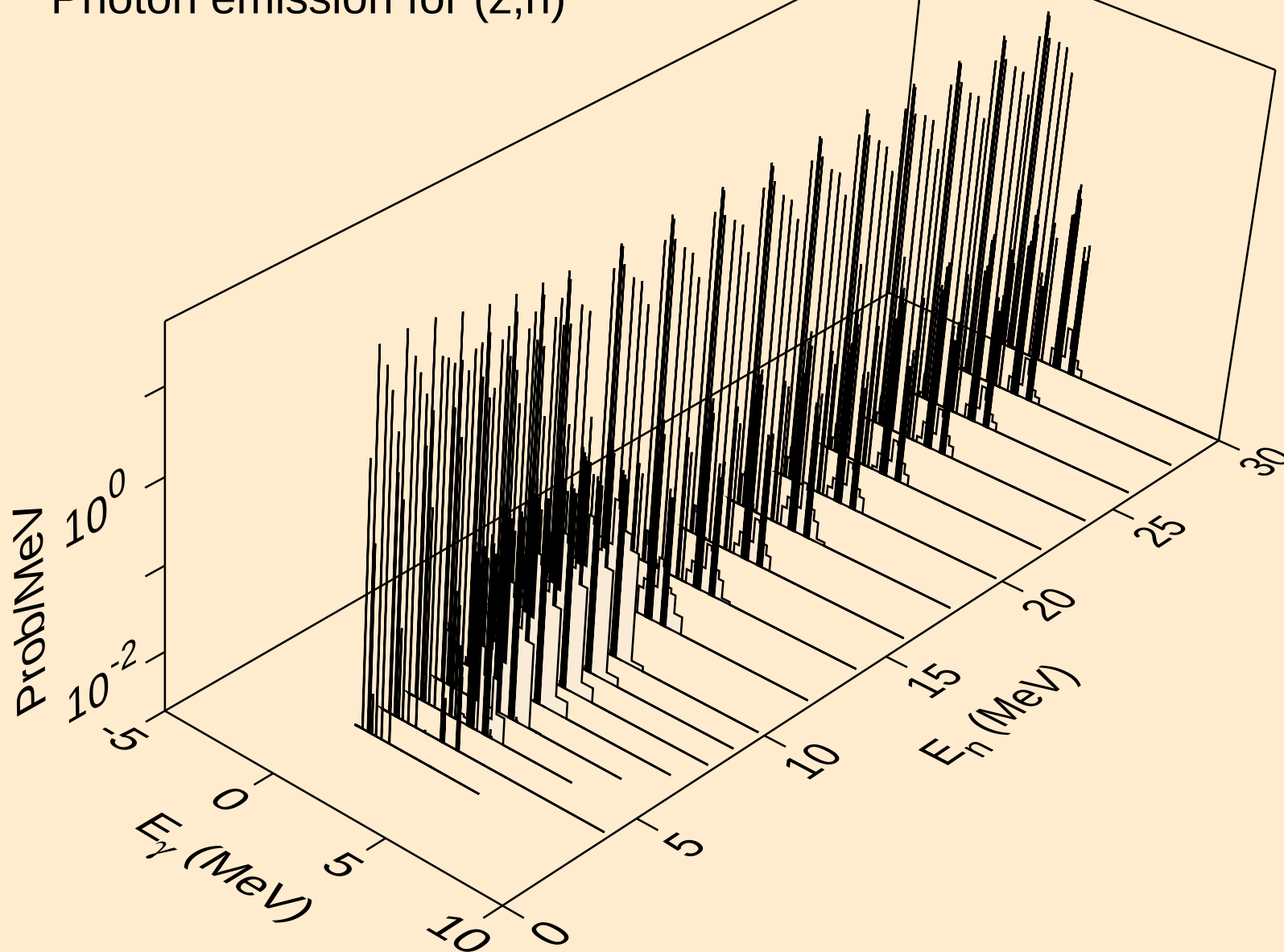


CA052 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,2a)

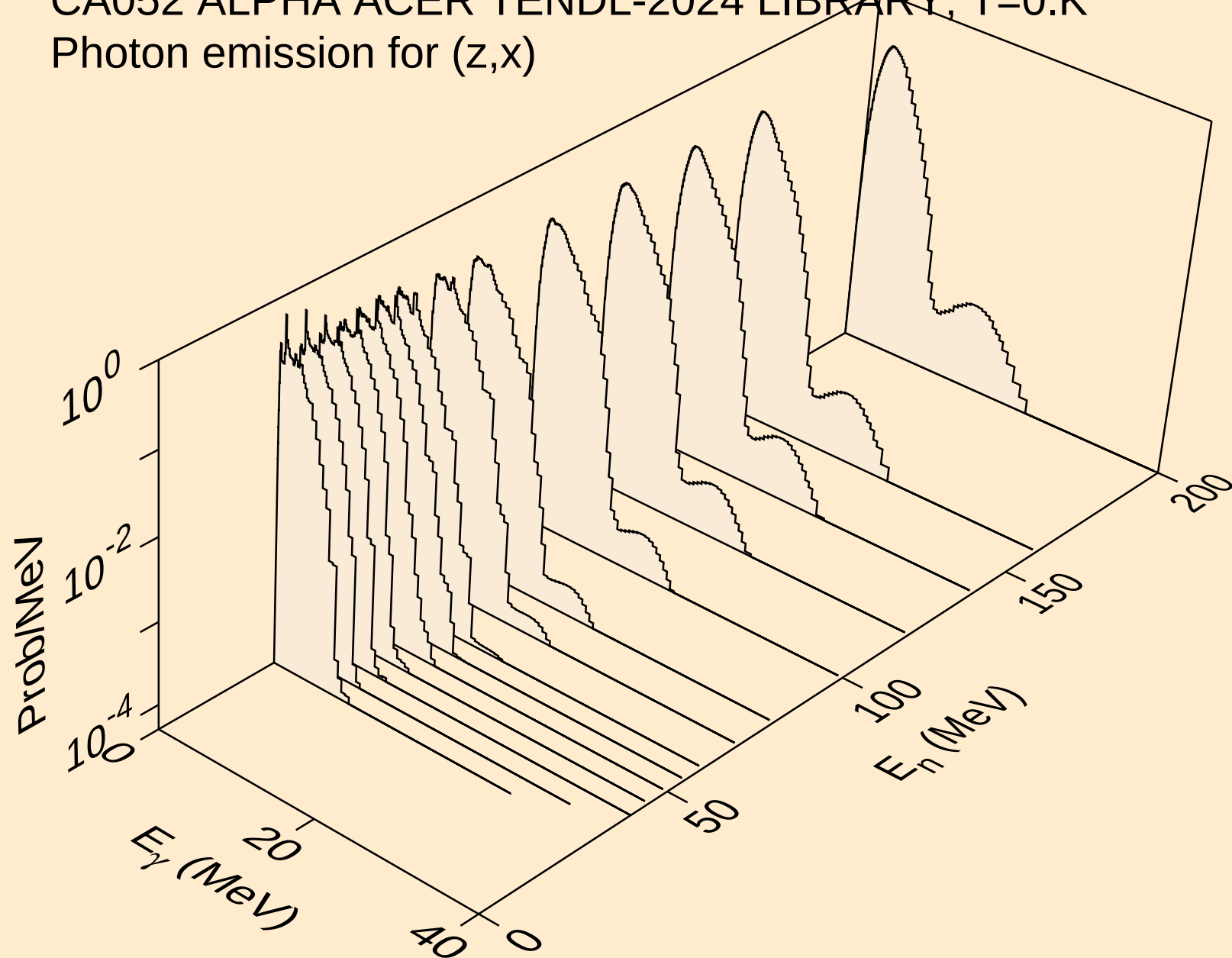


CA052 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,n)

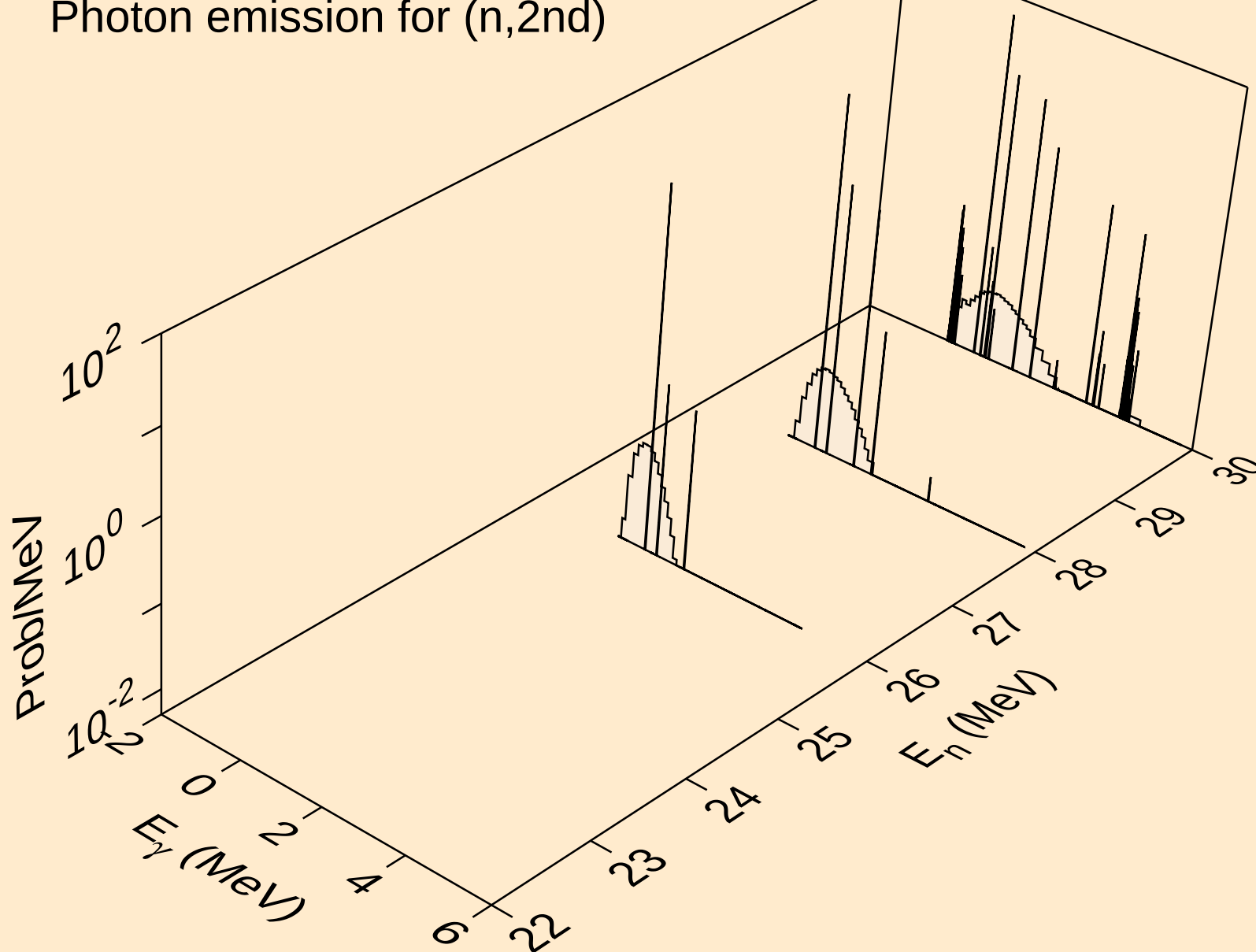


CA052 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

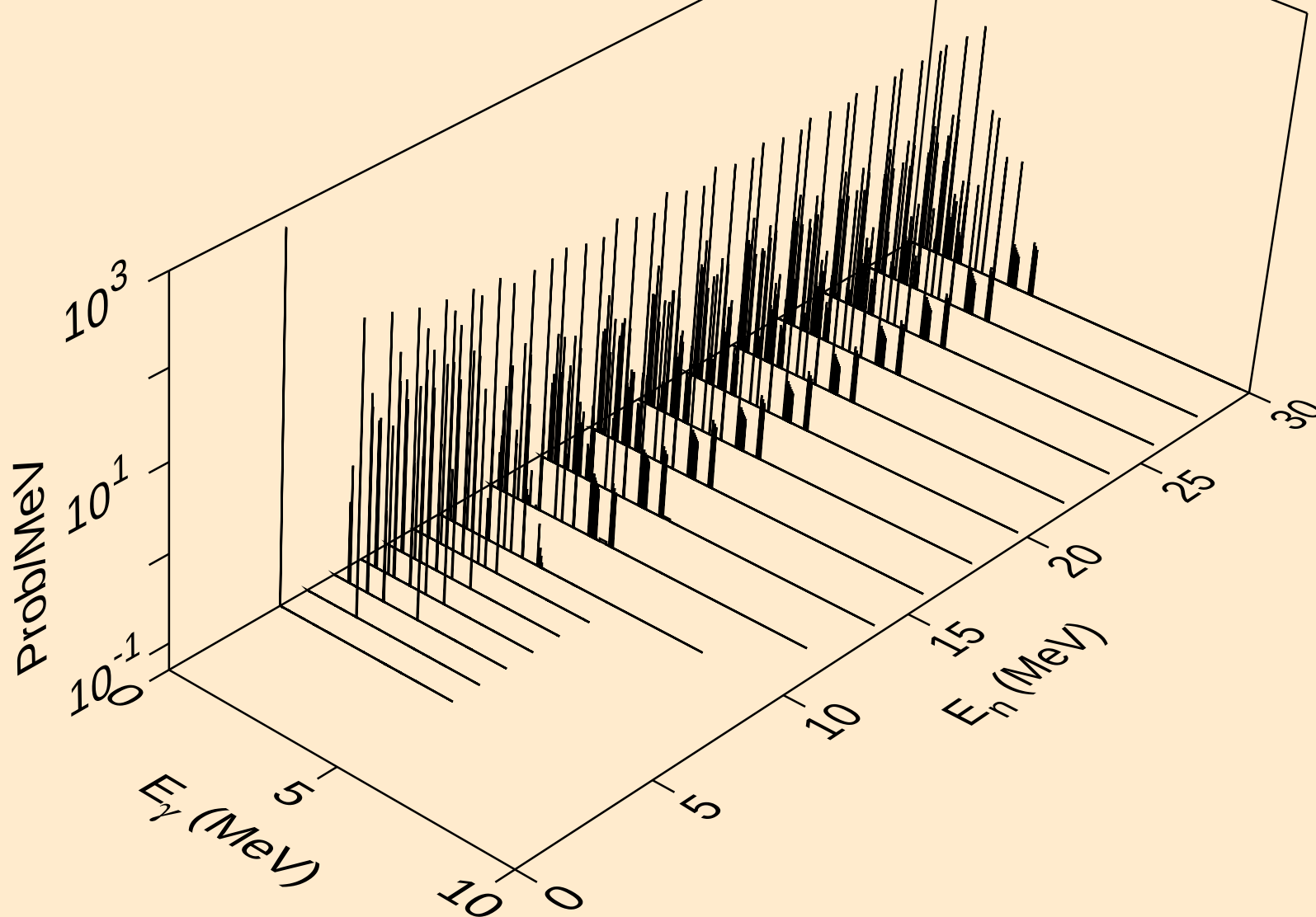
Photon emission for (z,x)



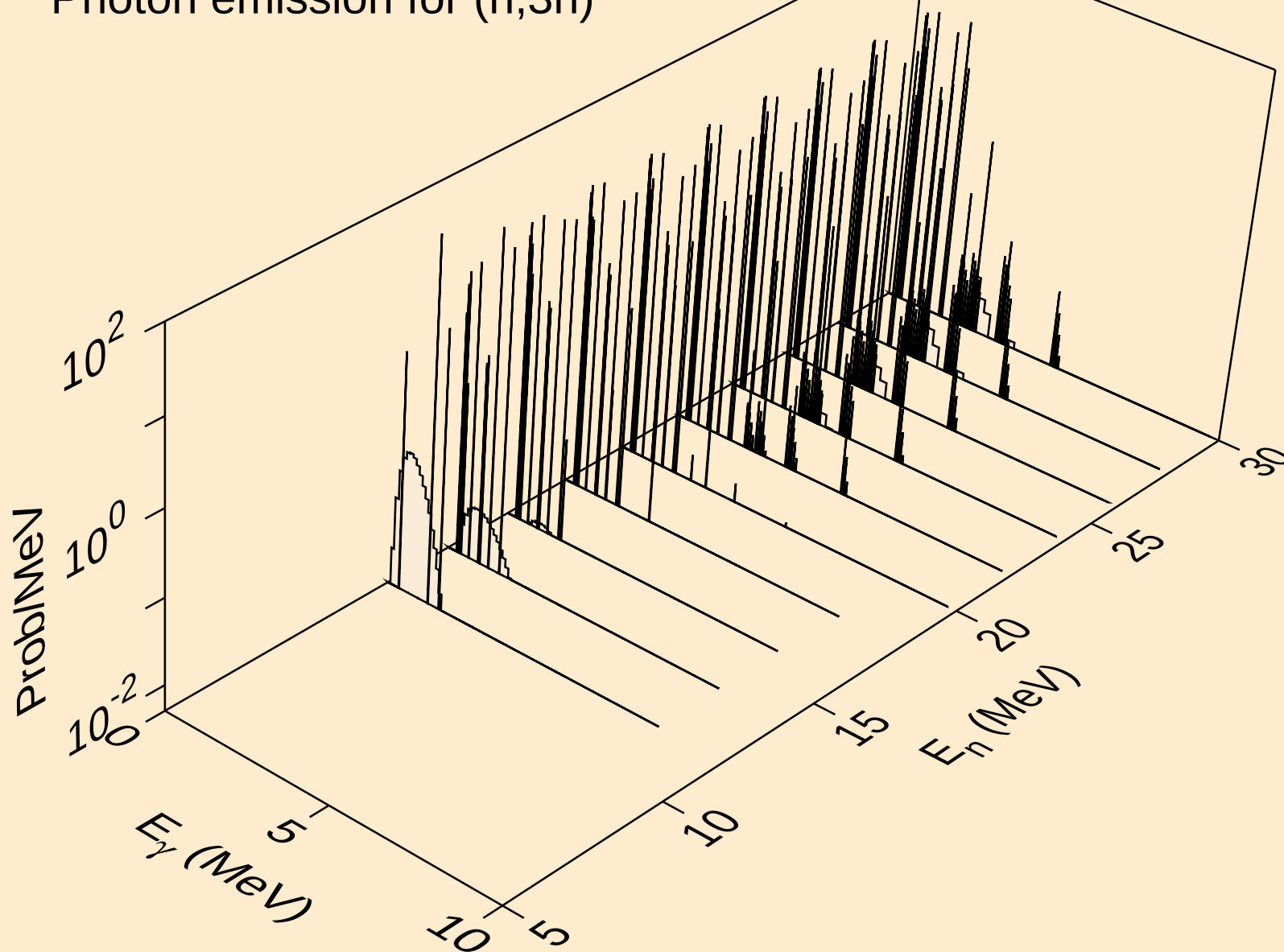
CA052 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



CA052 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)

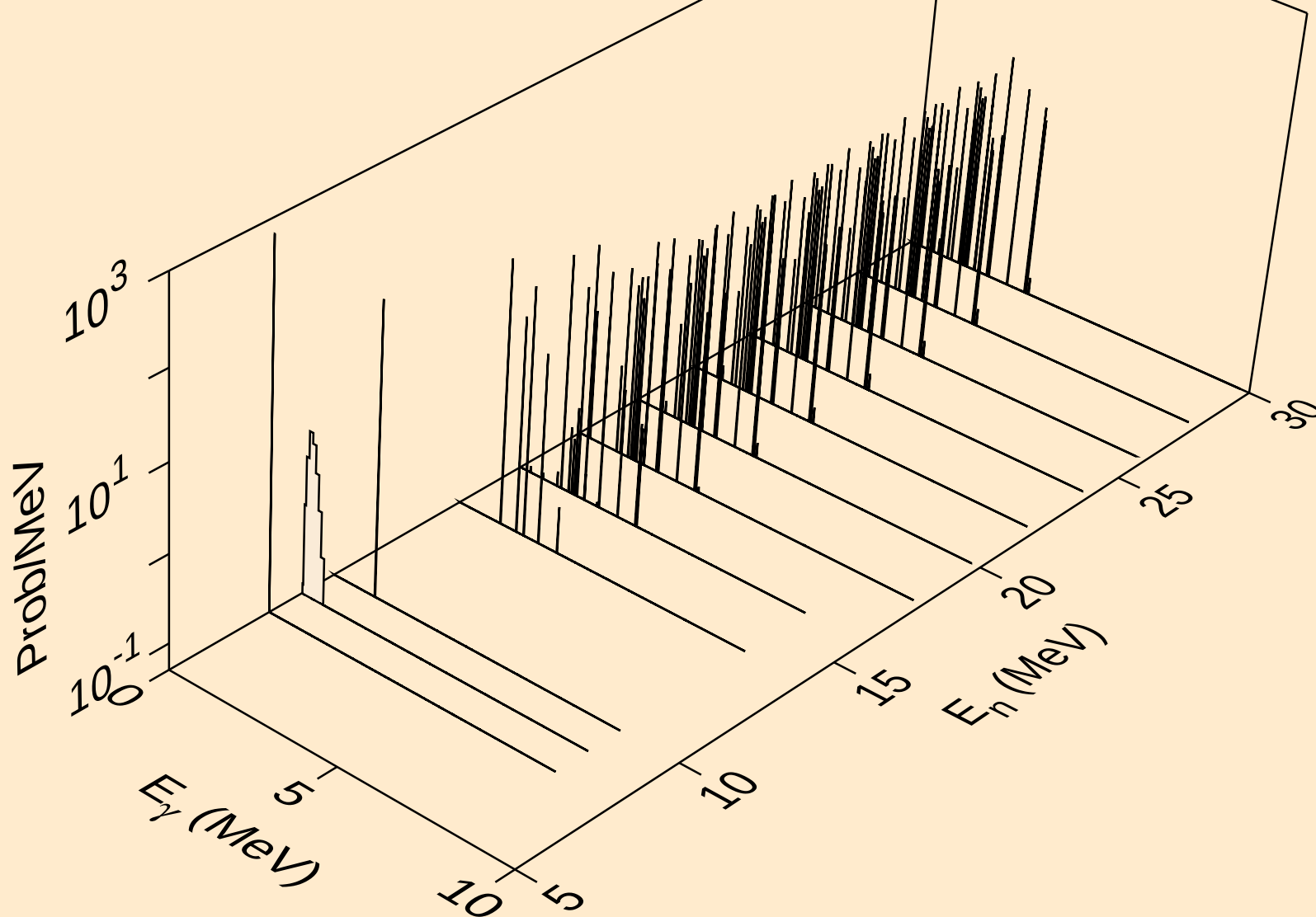


CA052 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



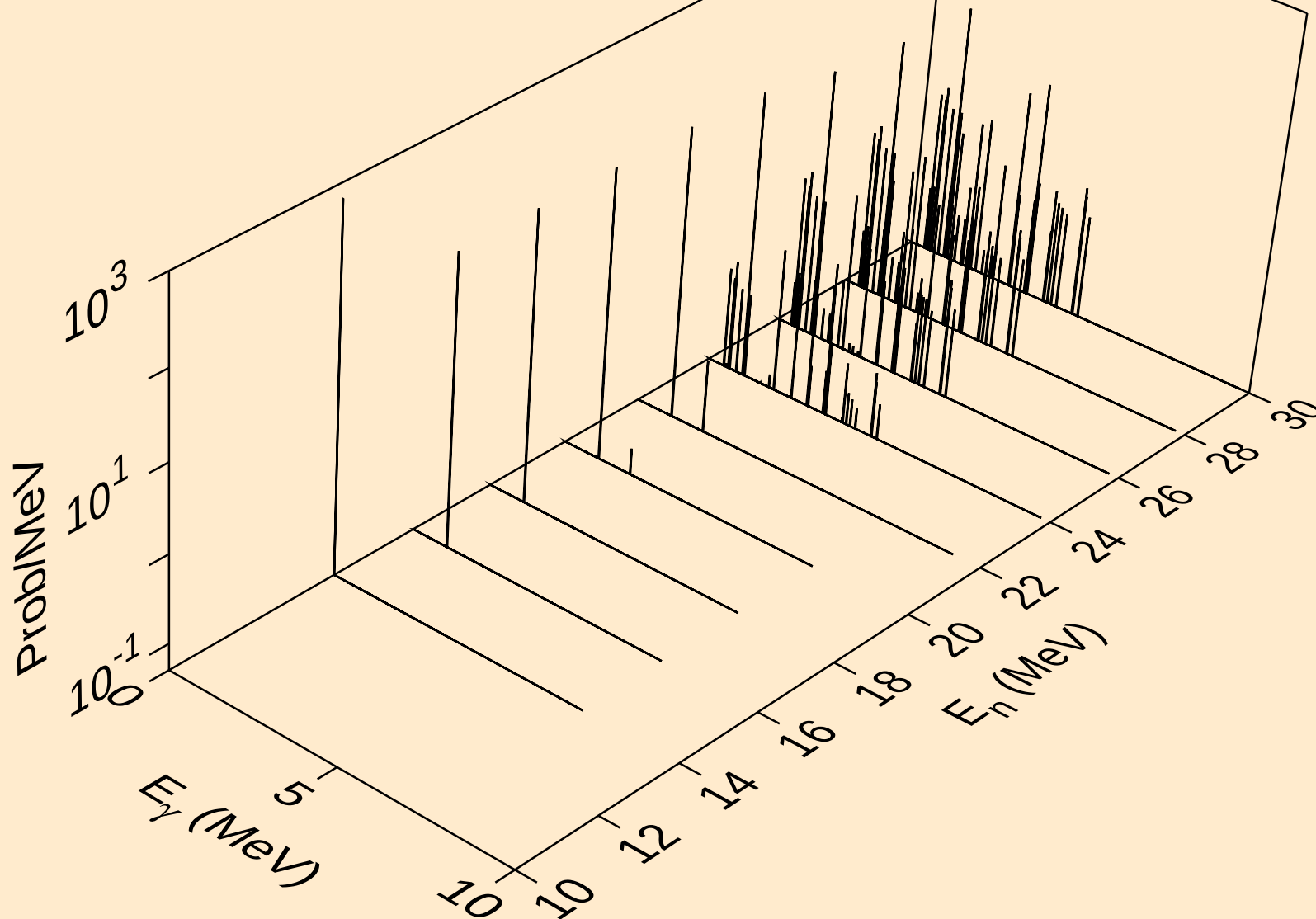
CA052 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)a



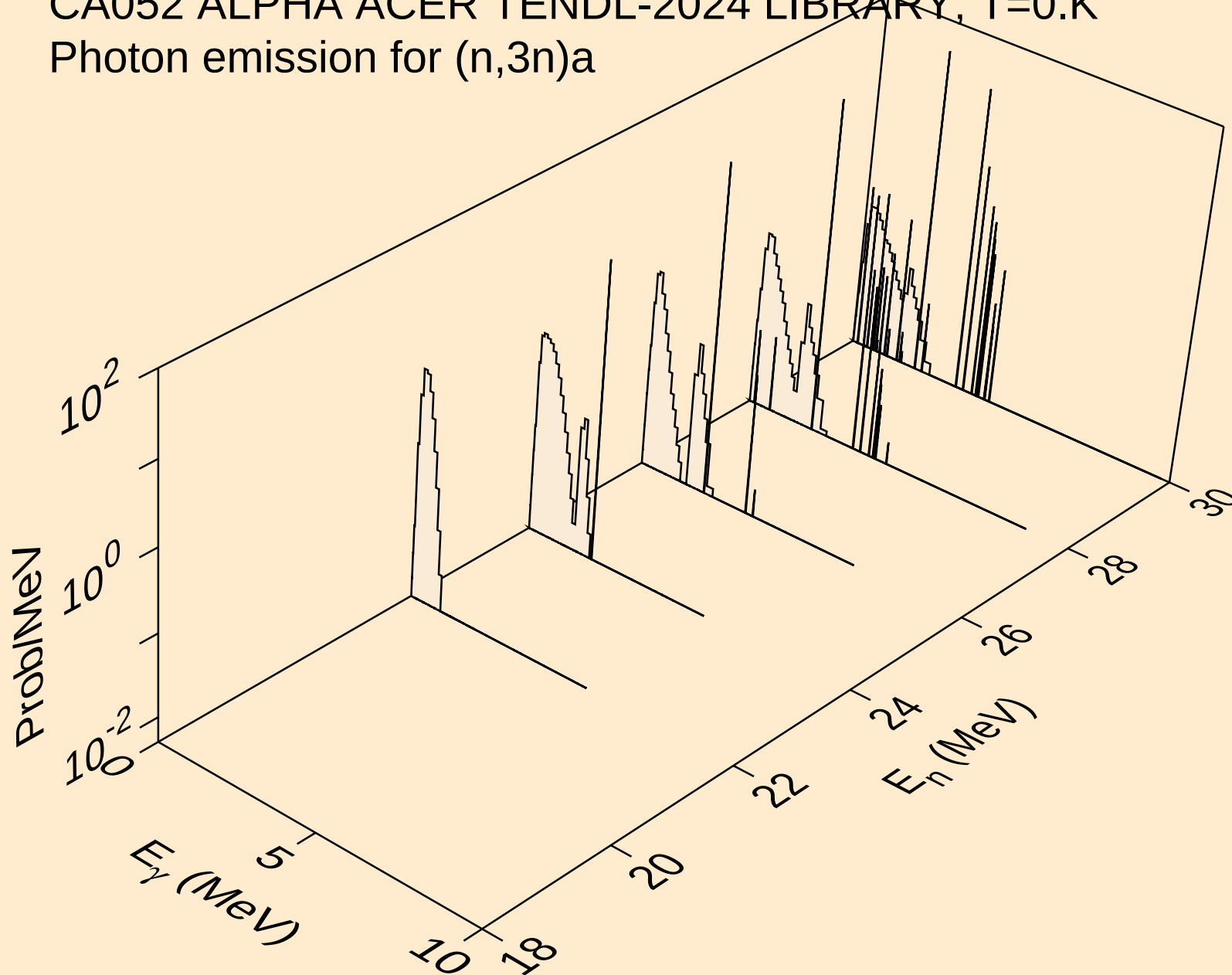
CA052 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,2n) $\alpha$



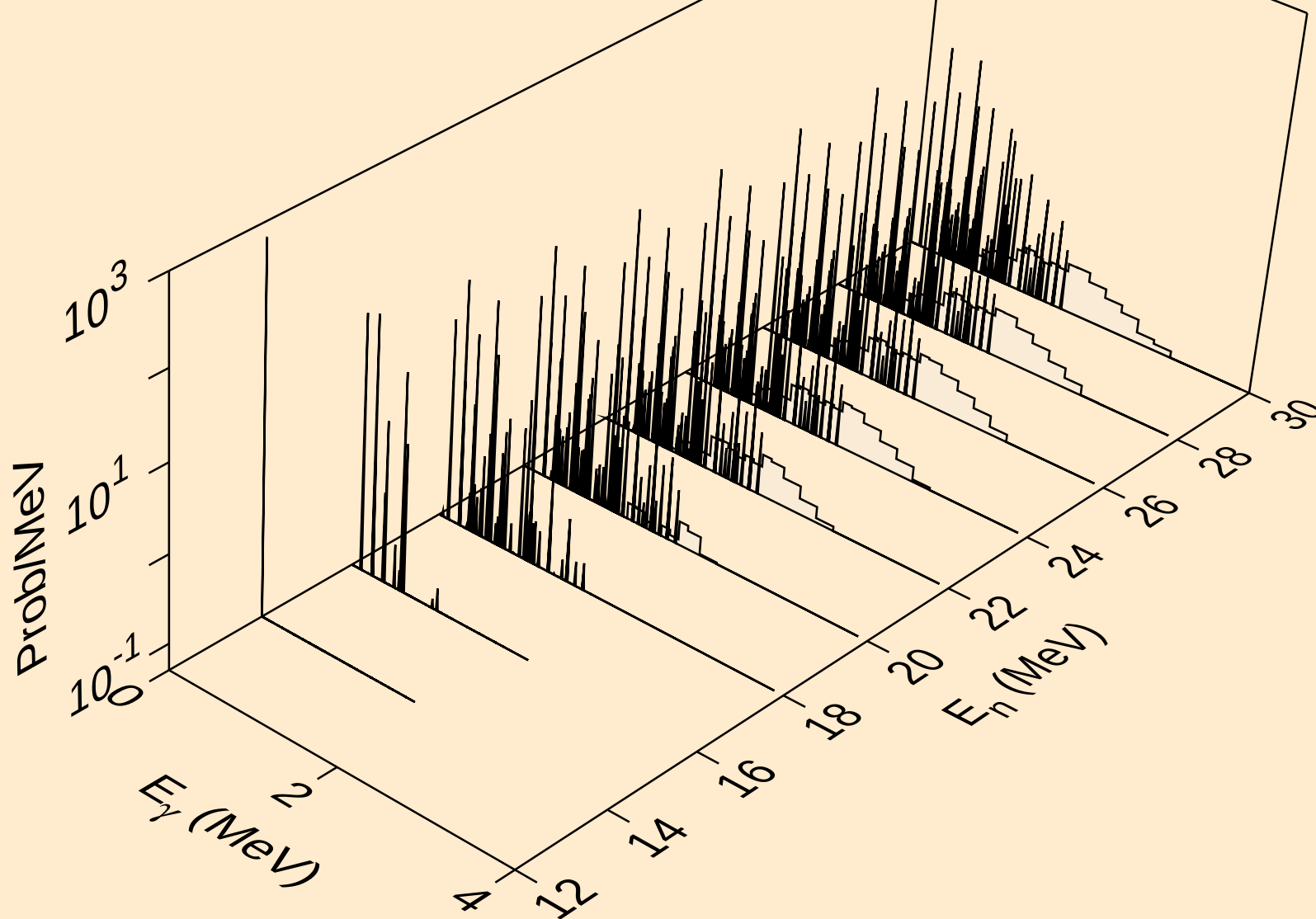
CA052 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,3n) $\alpha$

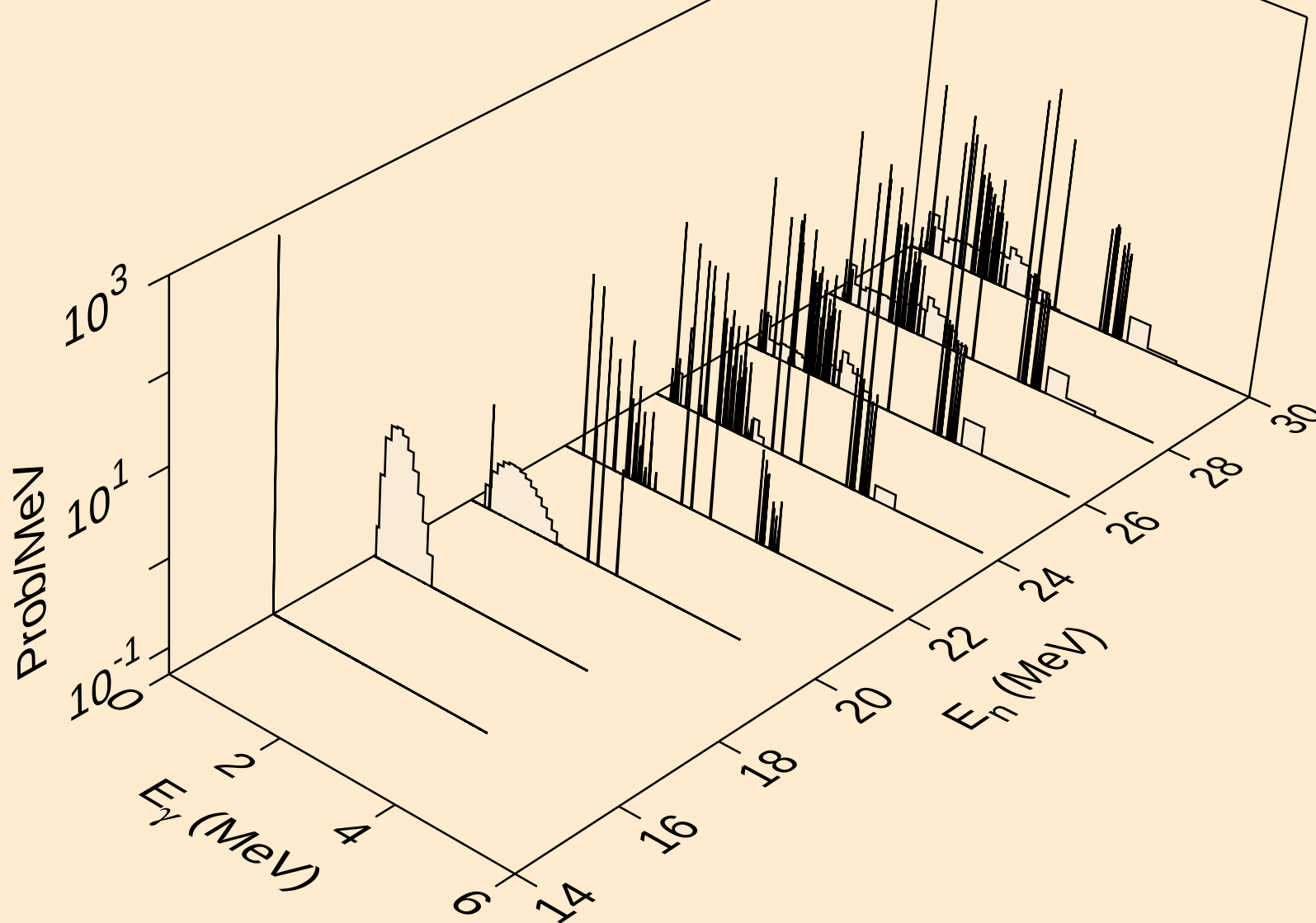


CA052 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)p

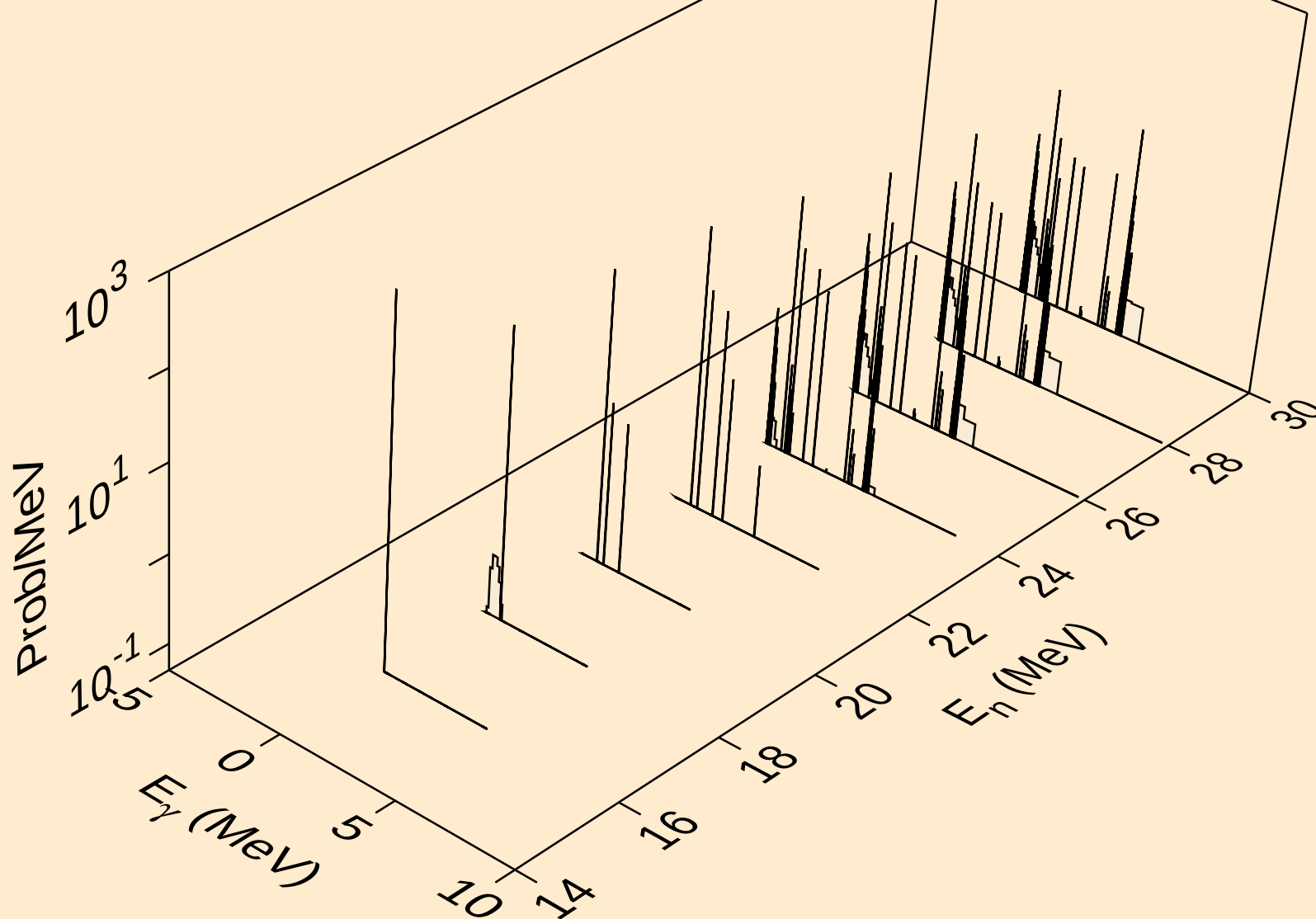


CA052 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



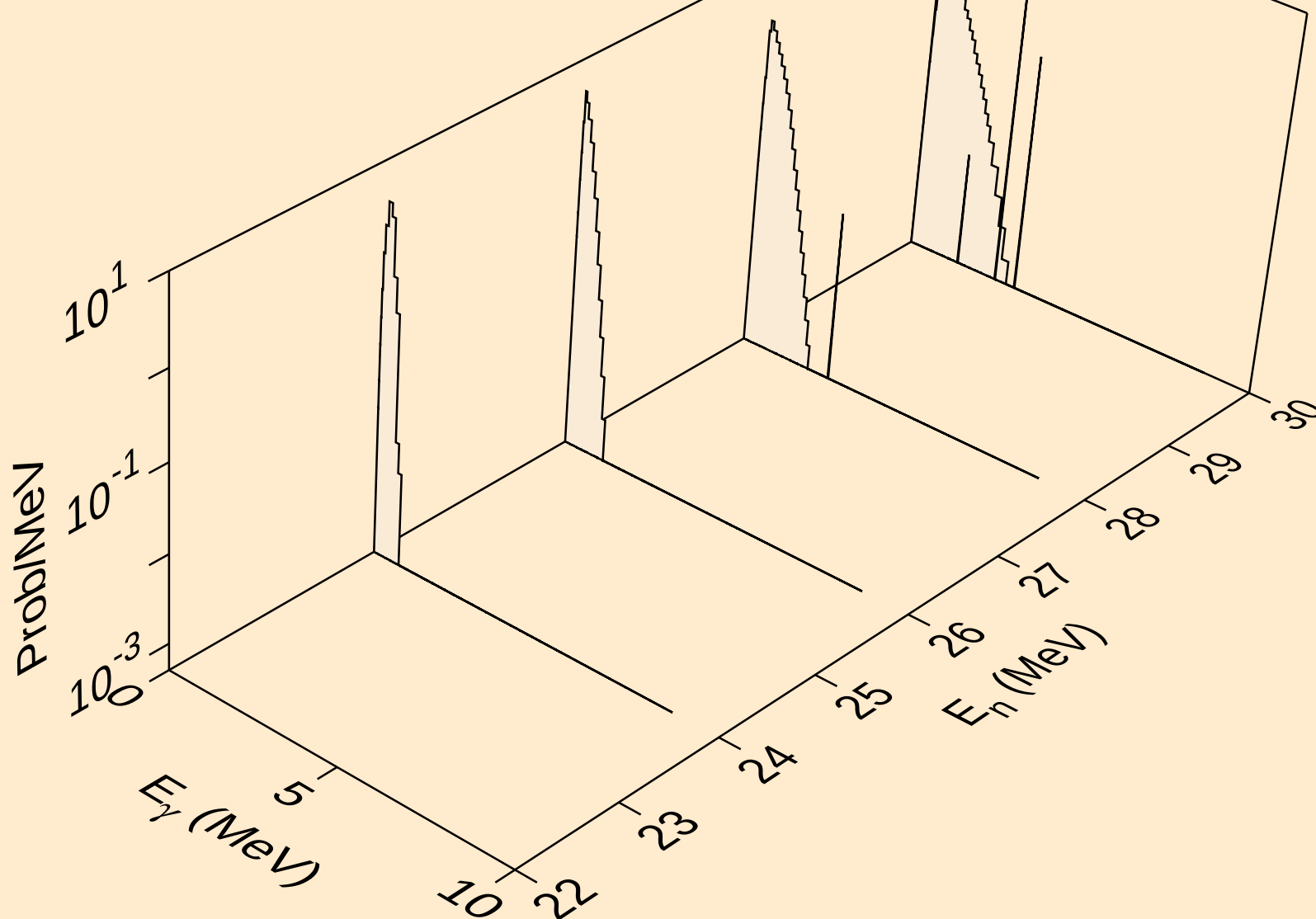
CA052 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)t

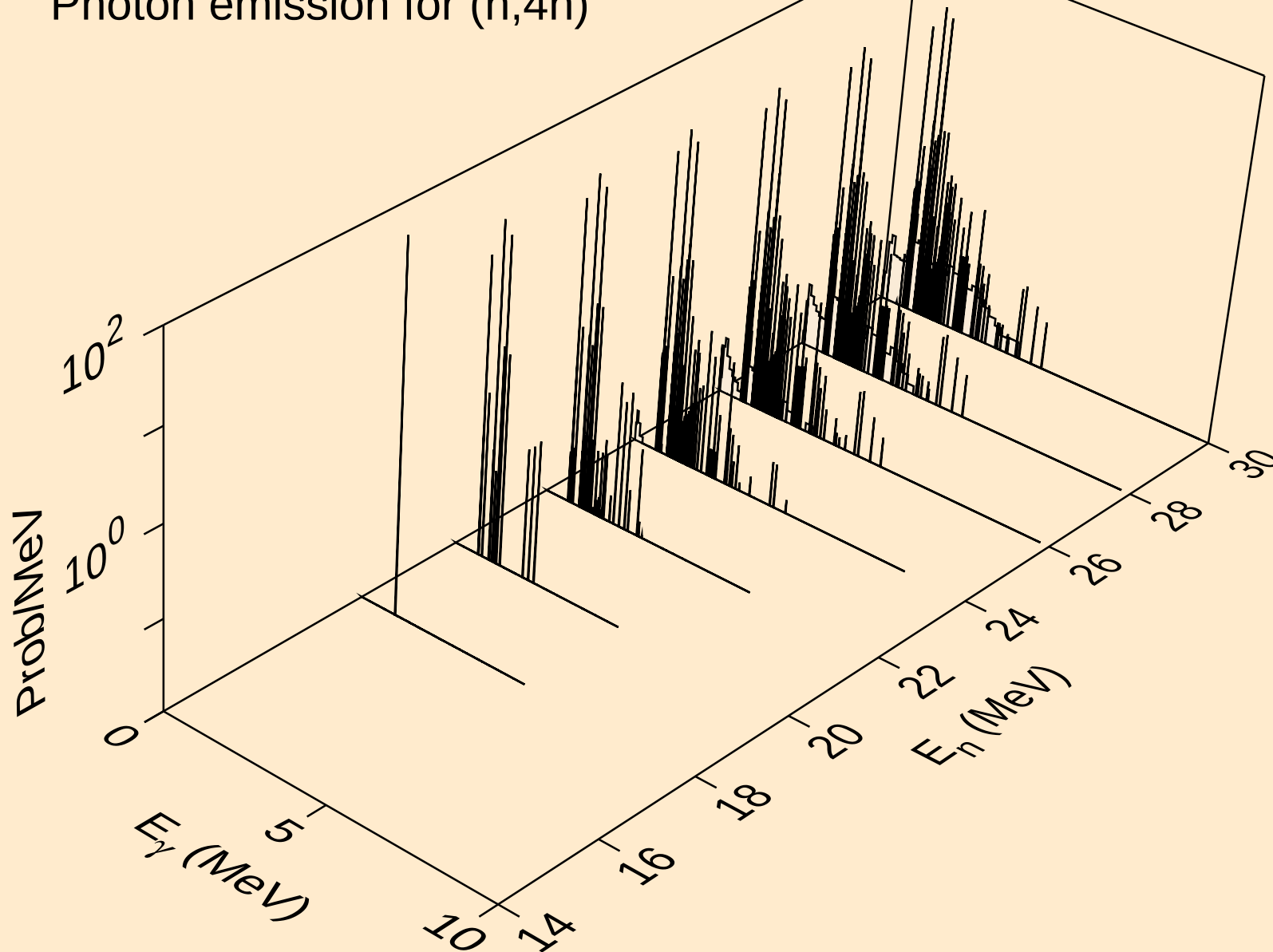


CA052 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

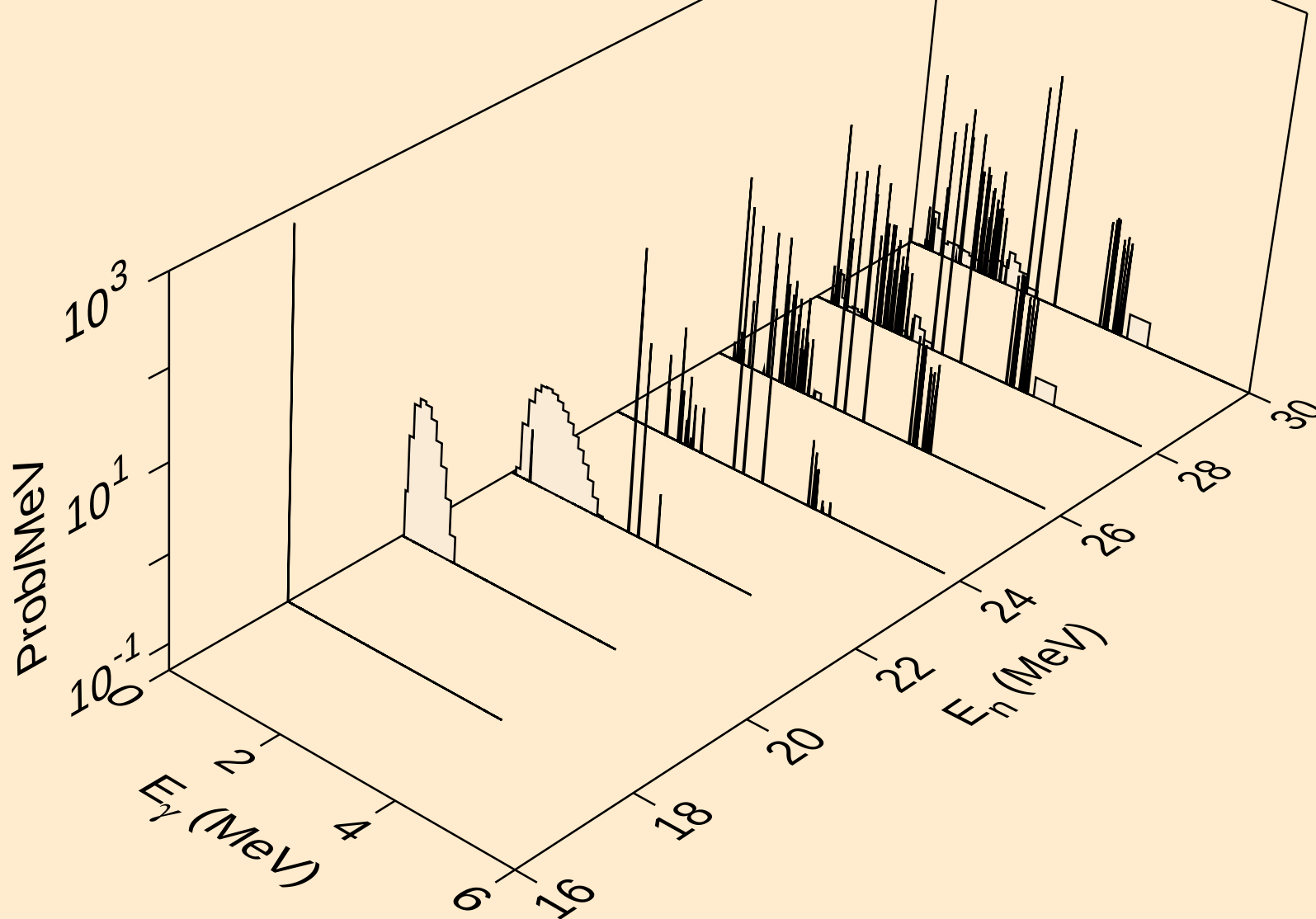
Photon emission for (n,n\*)he3



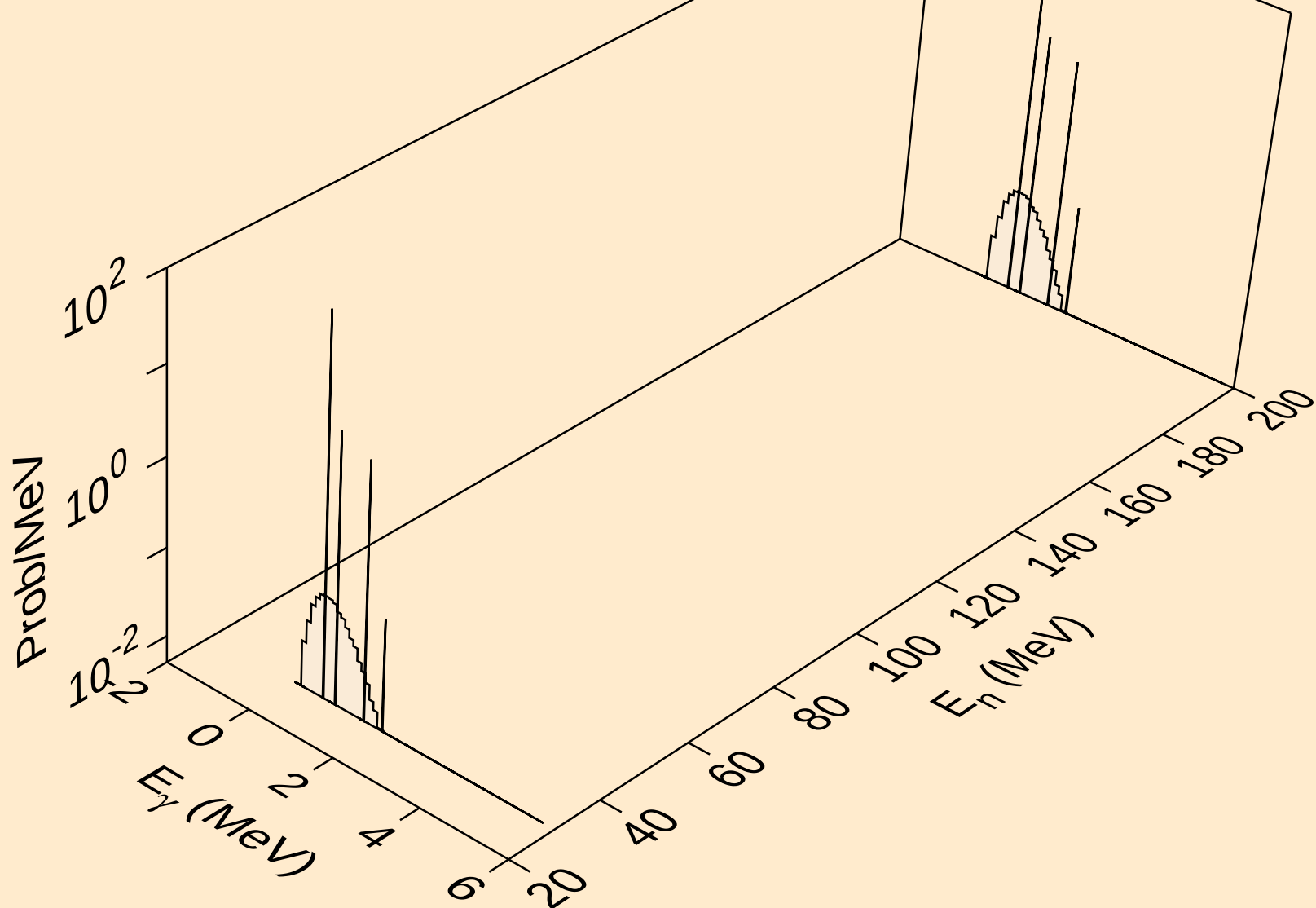
CA052 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



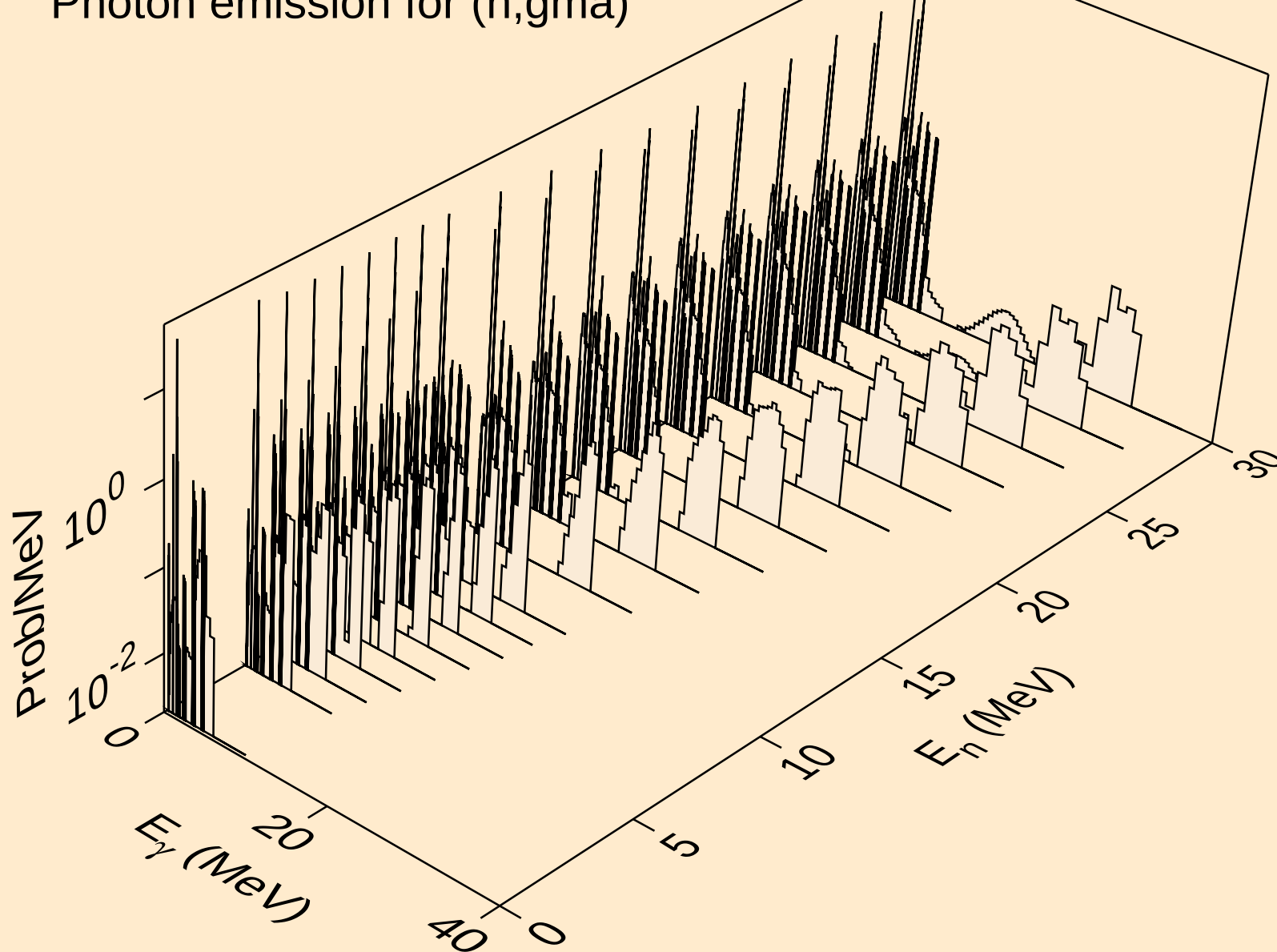
CA052 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



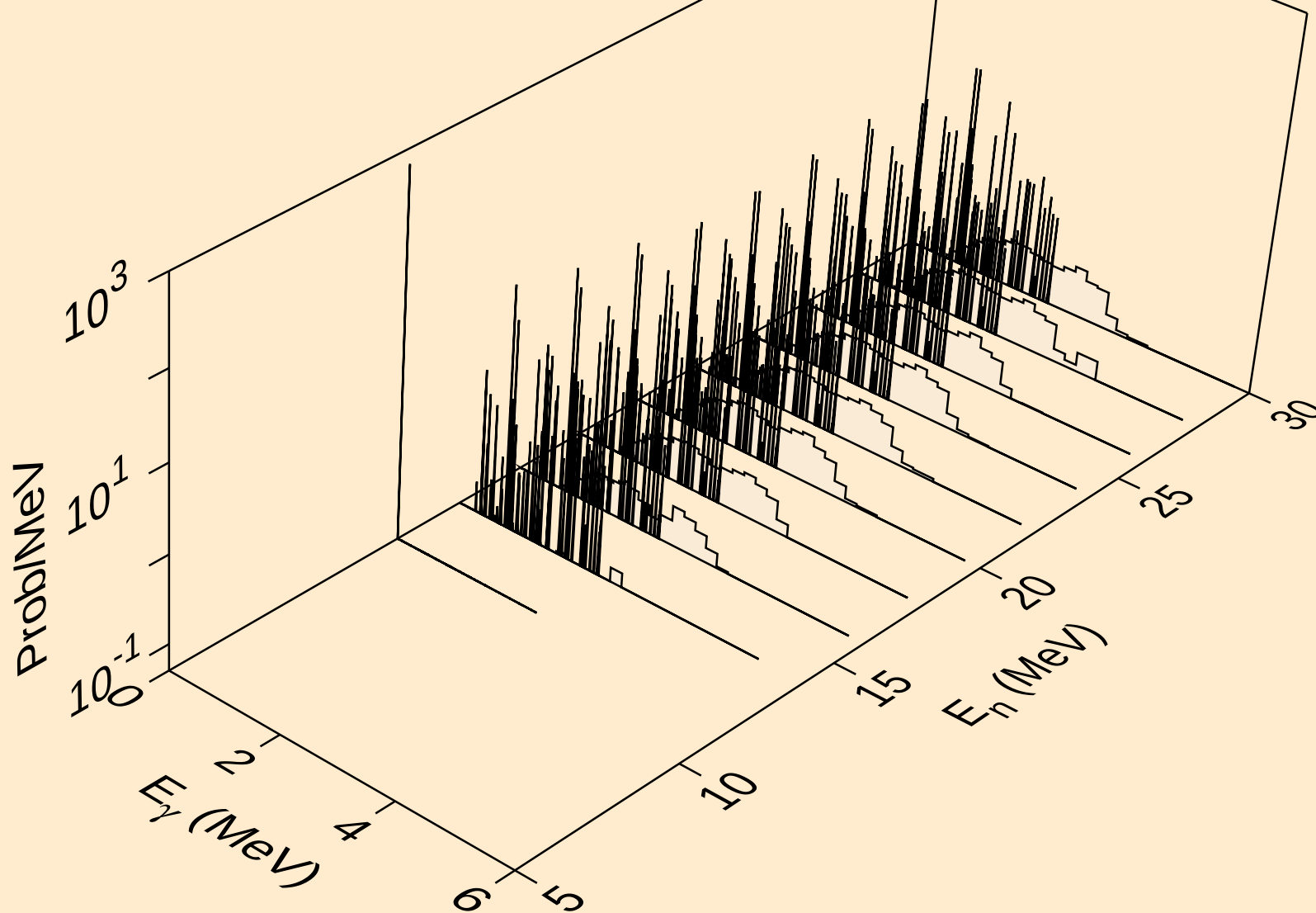
CA052 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



CA052 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)

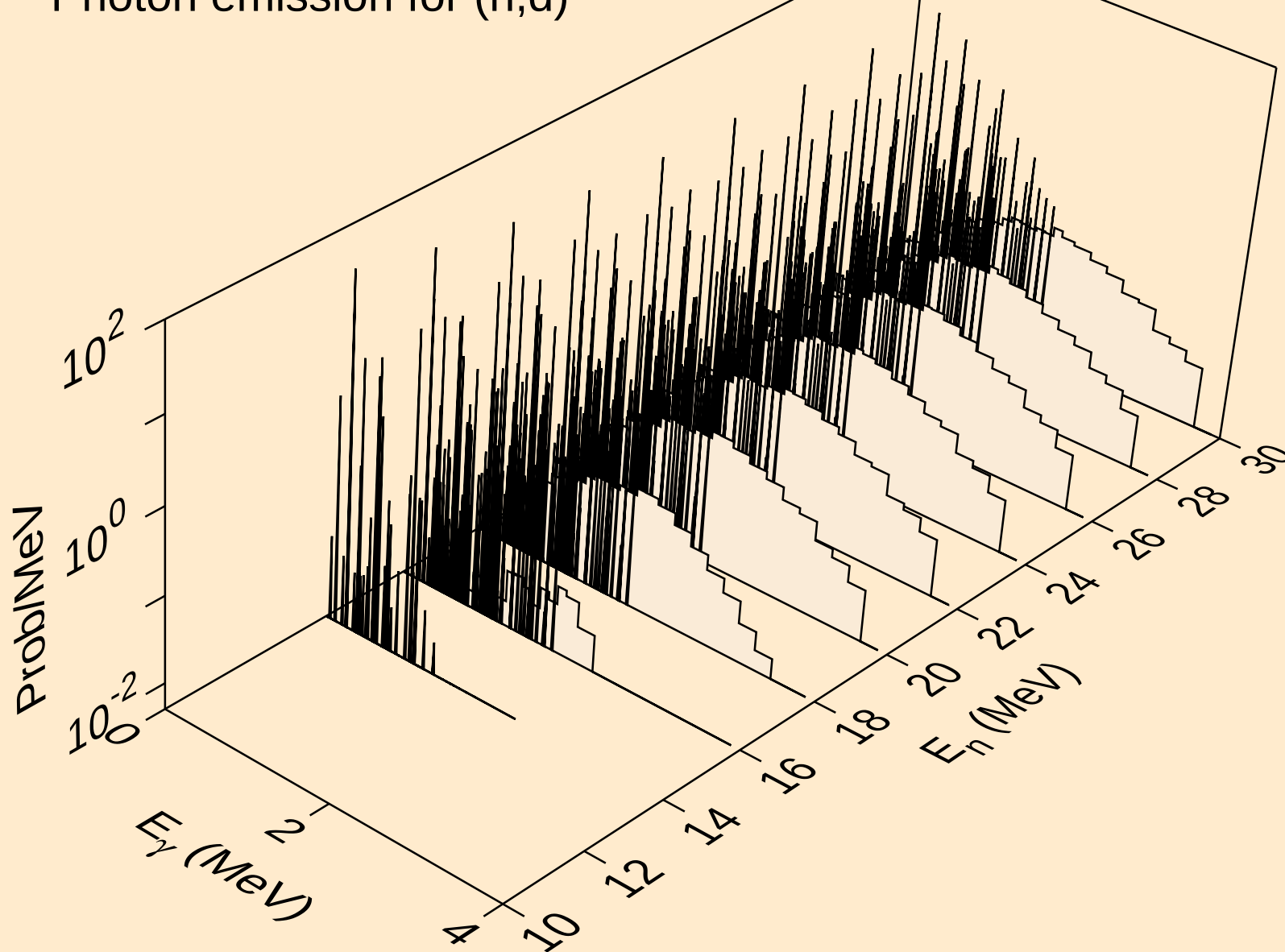


CA052 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)

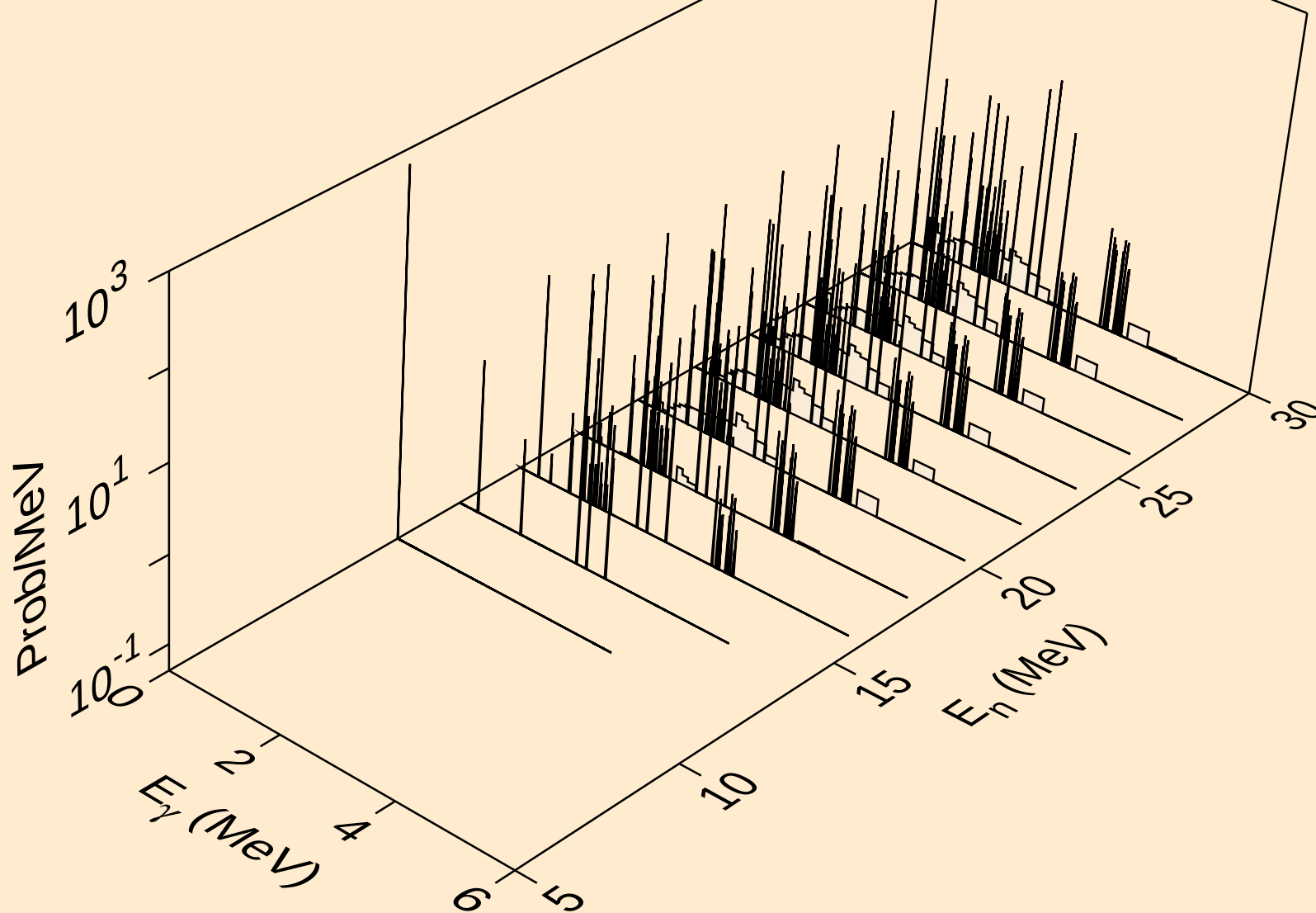


CA052 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

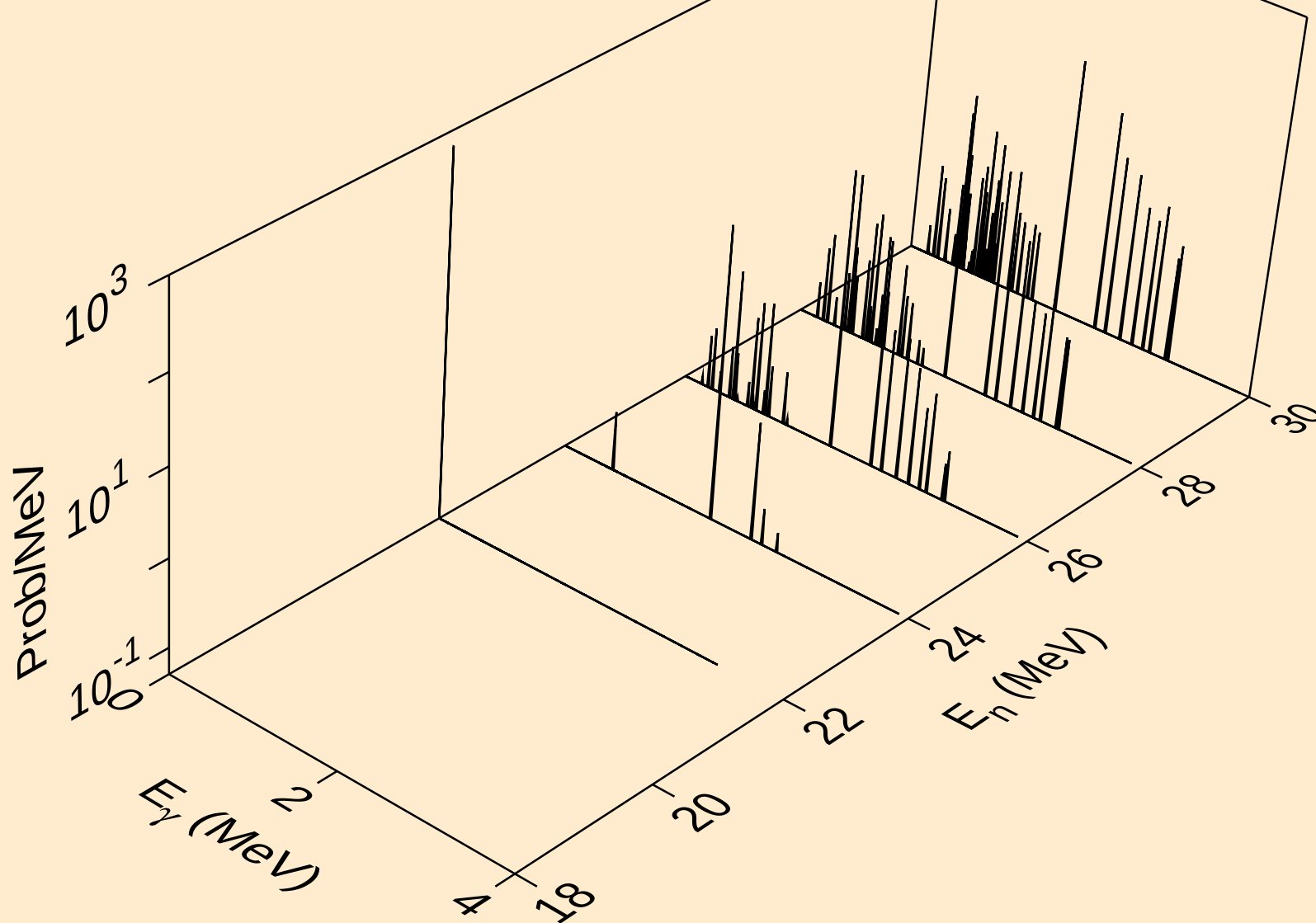
Photon emission for (n,d)



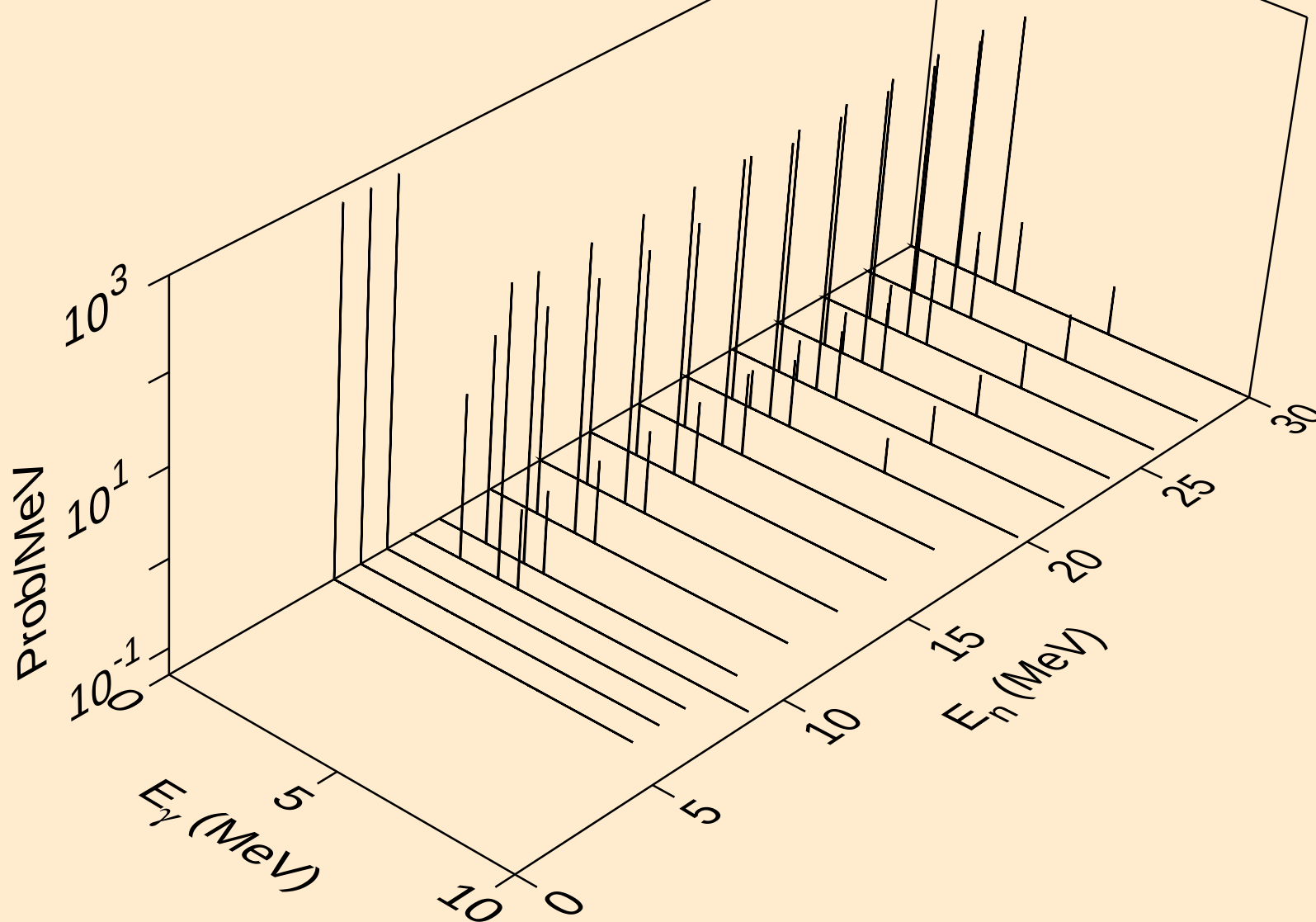
CA052 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



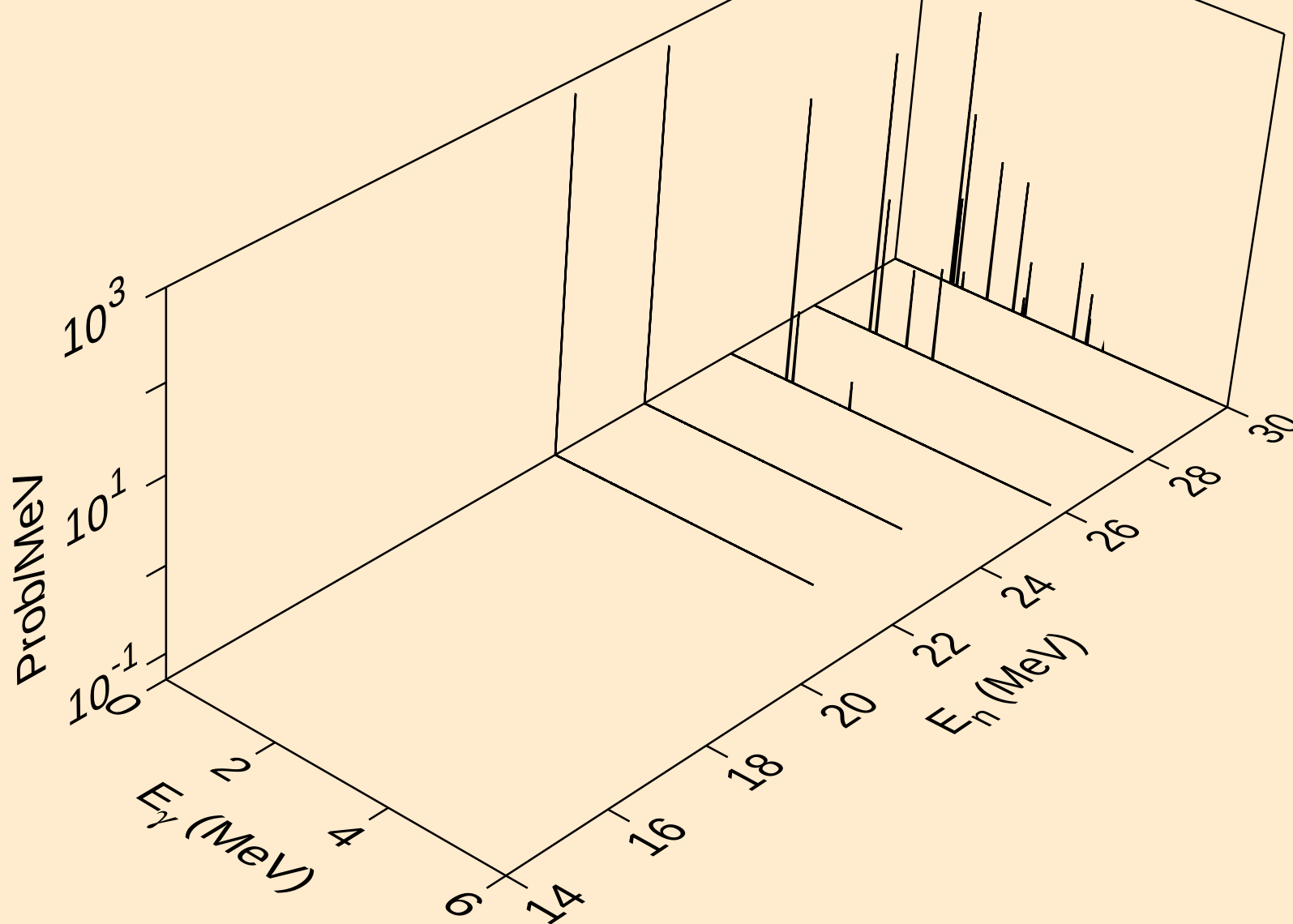
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Photon emission for (n,he3)



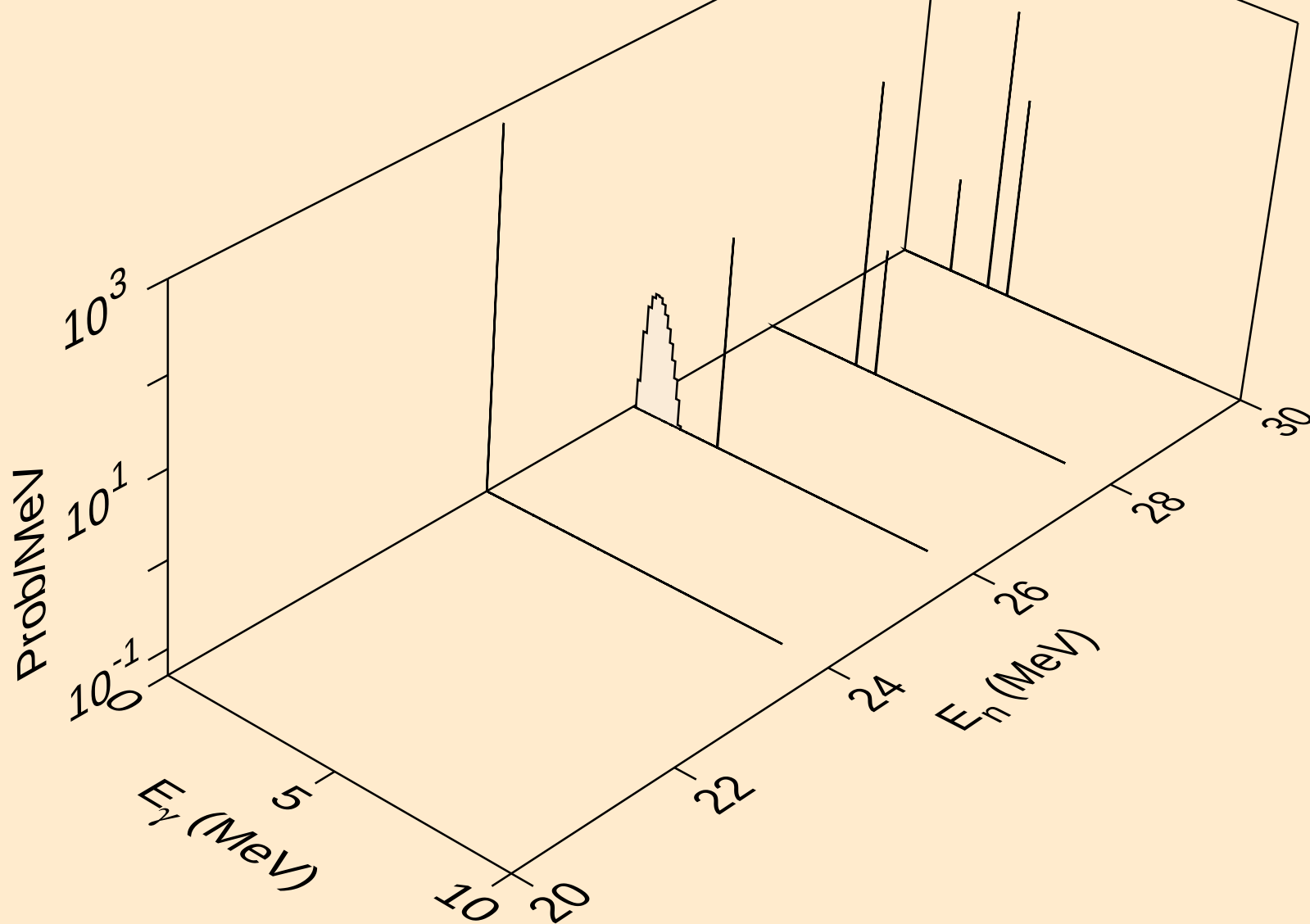
CA052 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic



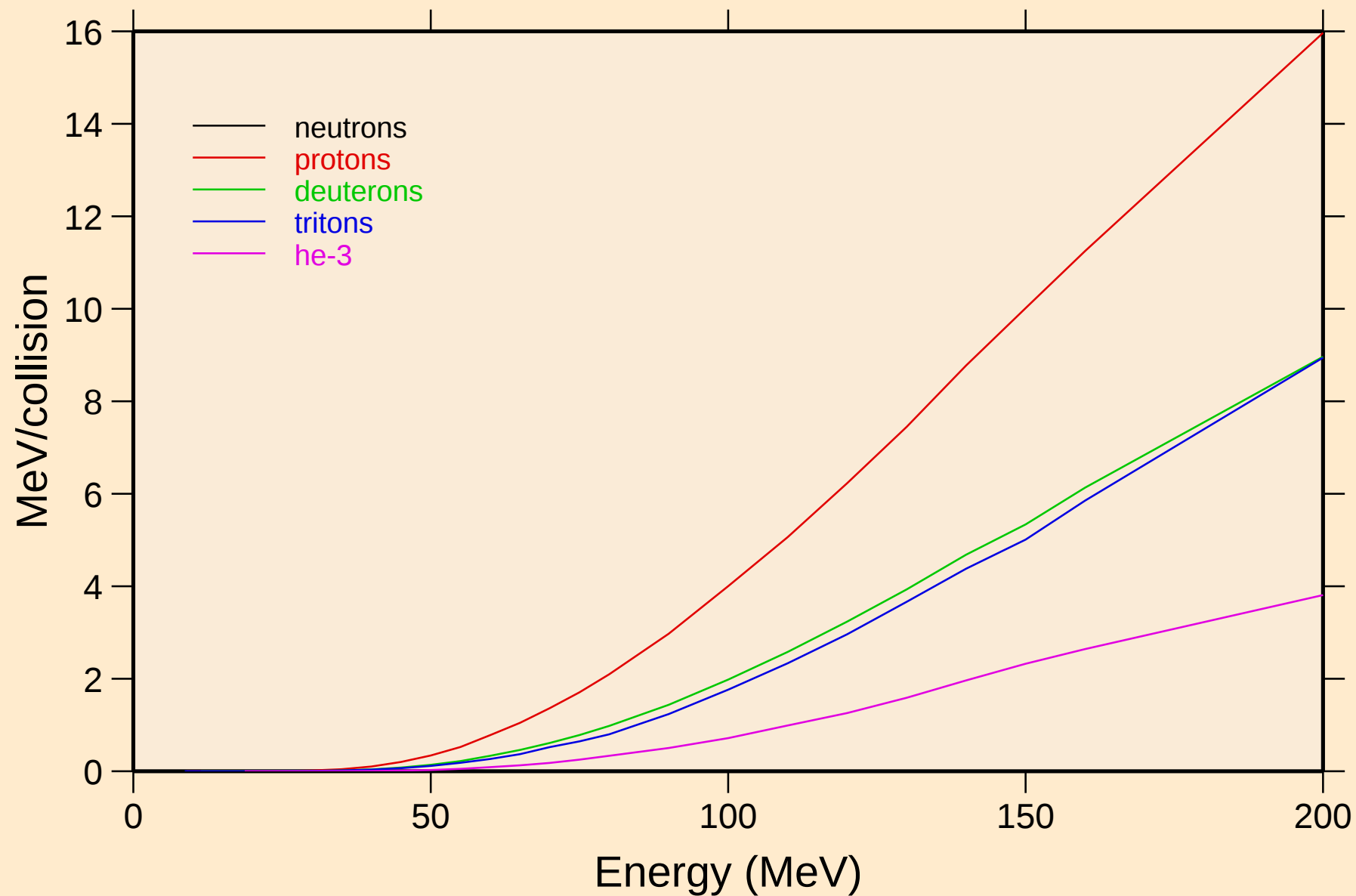
CA052 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



CA052 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)

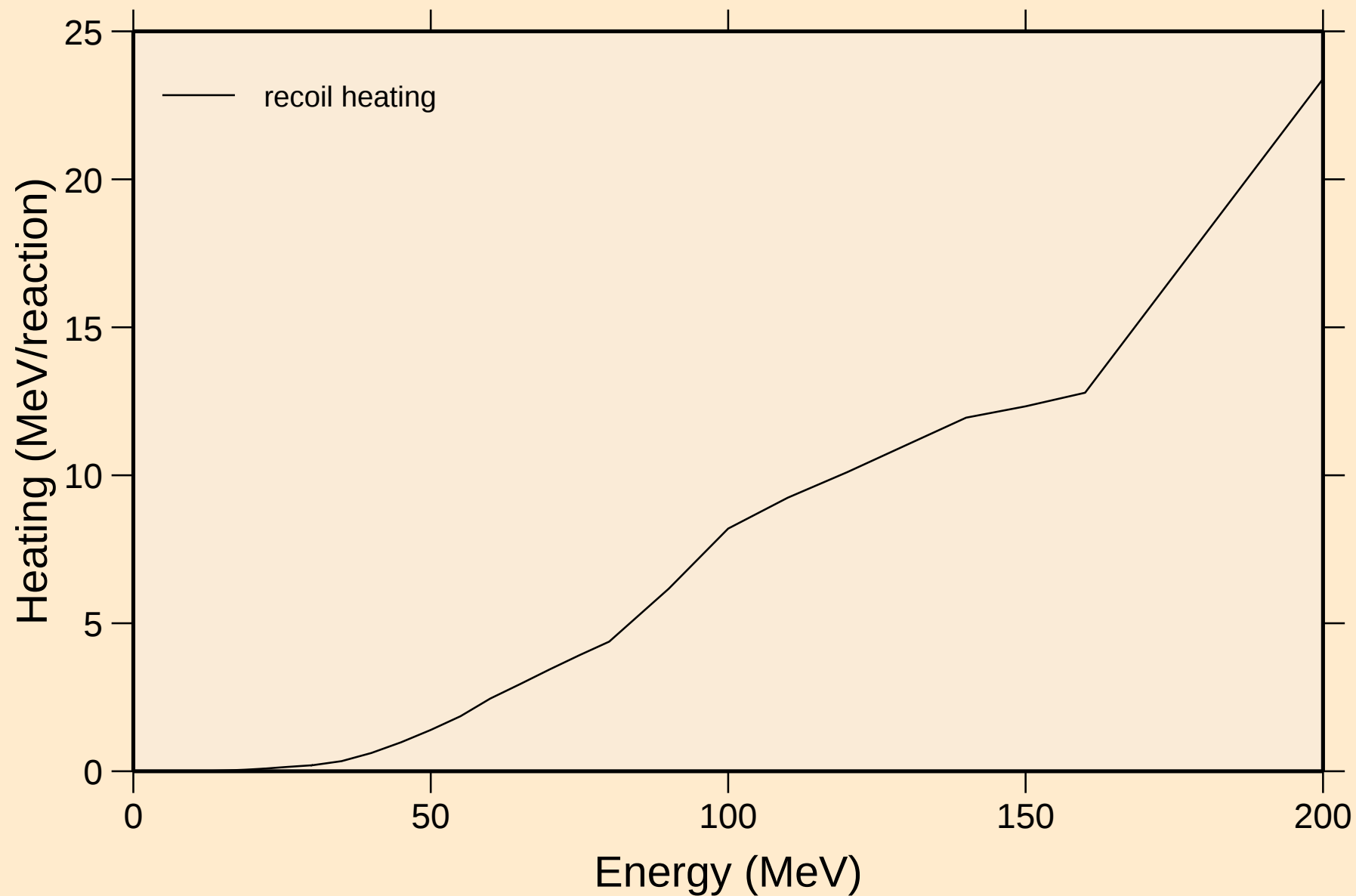


CA052 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Particle heating contributions



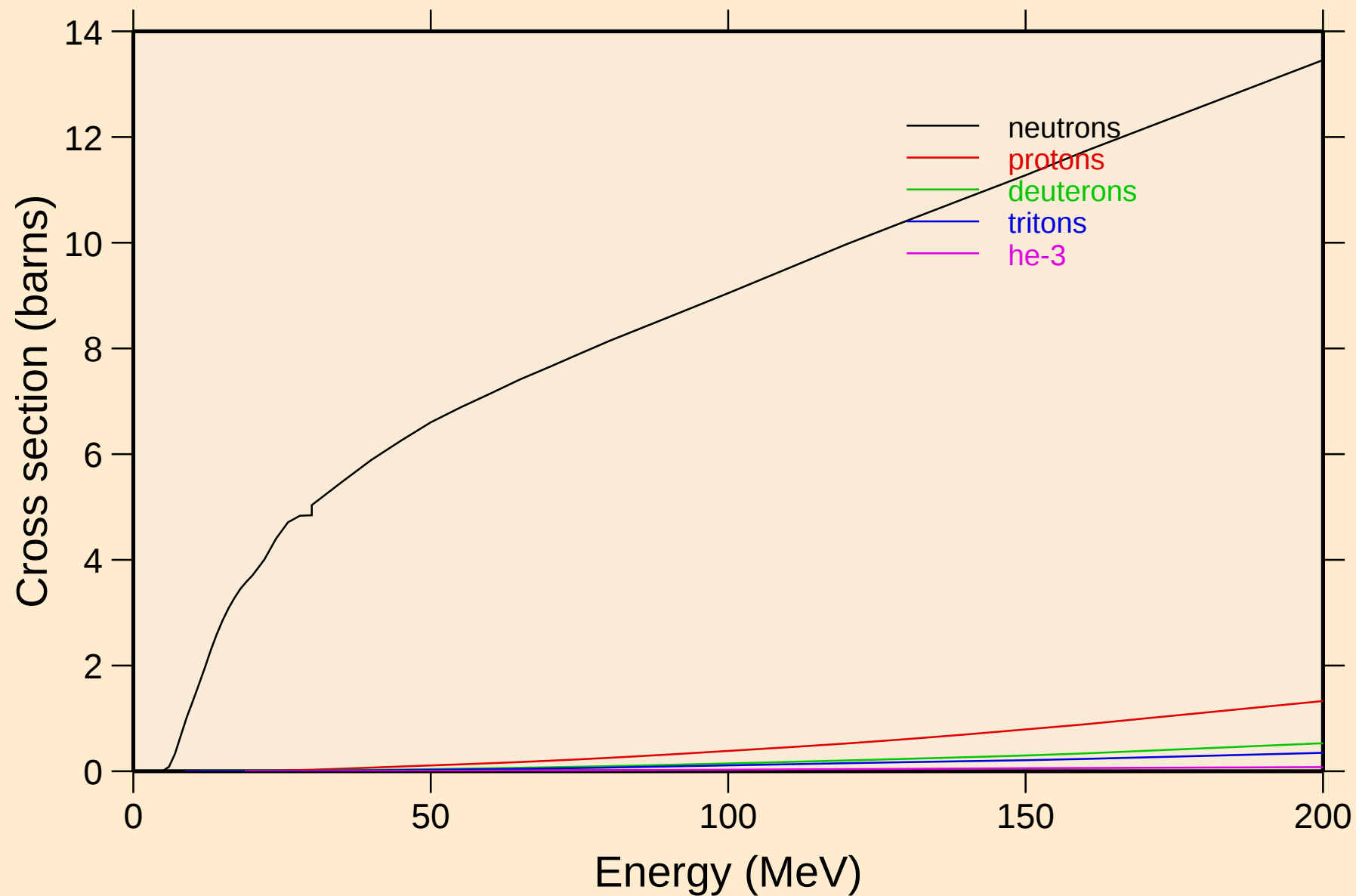
CA052 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Recoil Heating

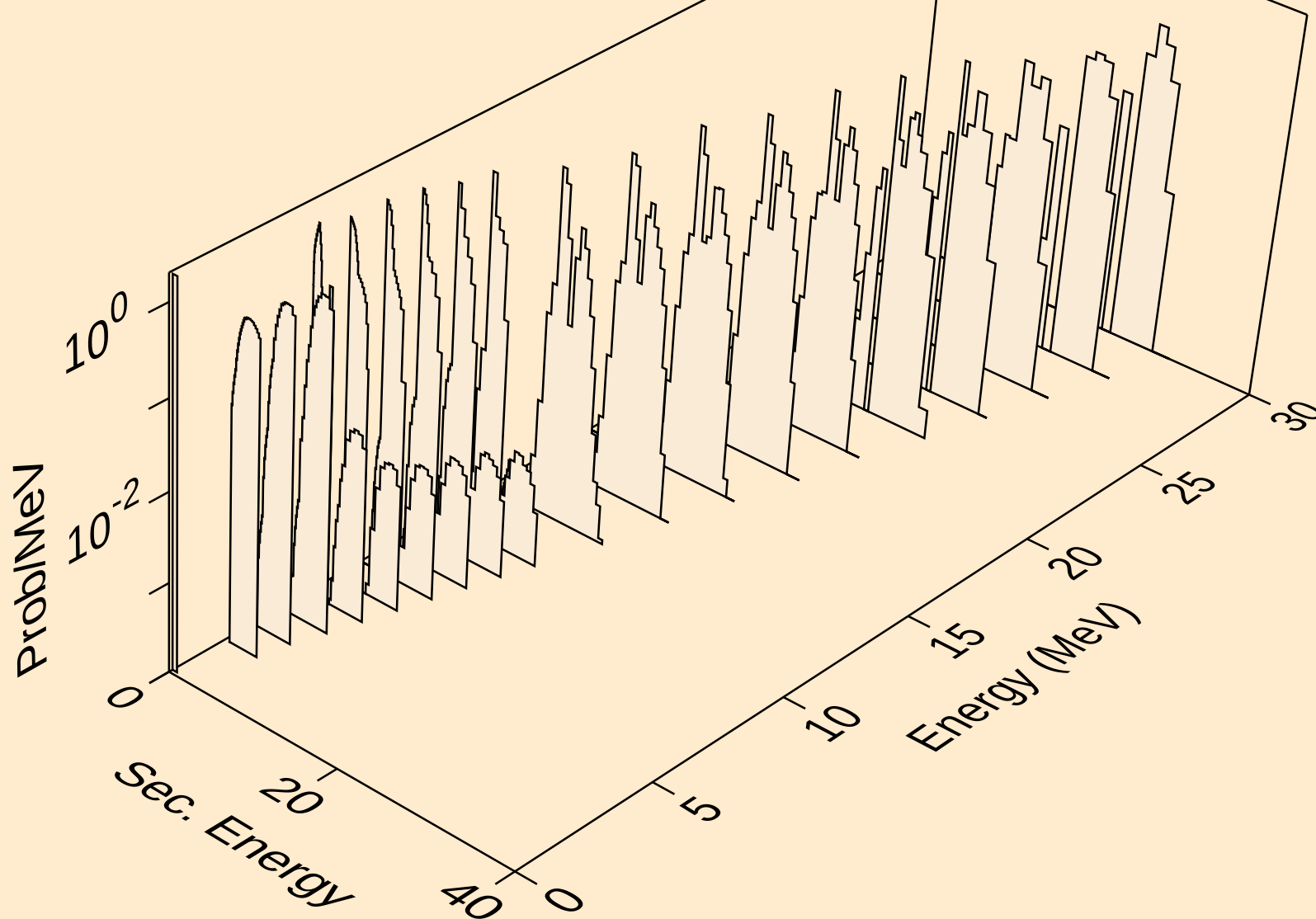


CA052 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

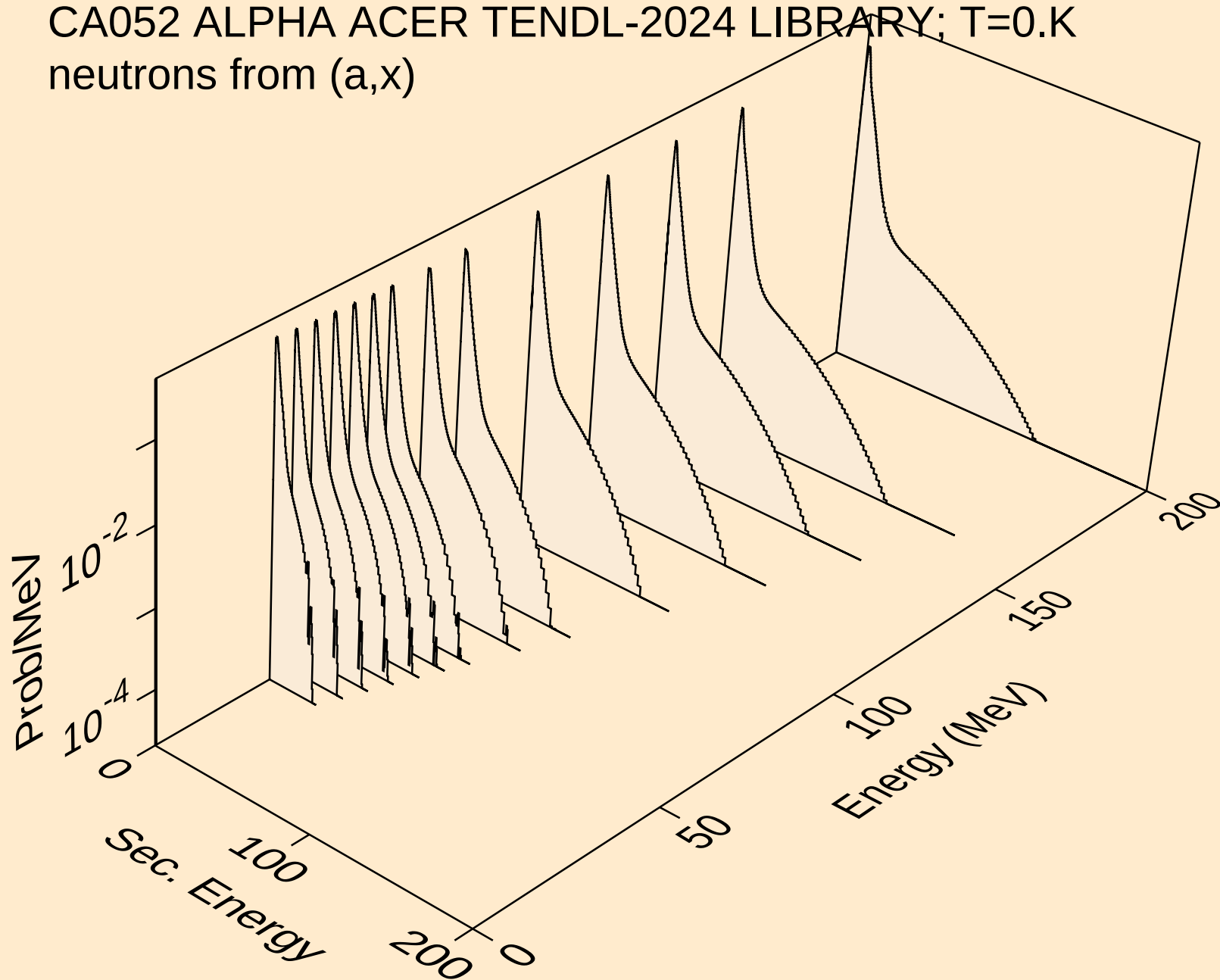
Particle production cross sections



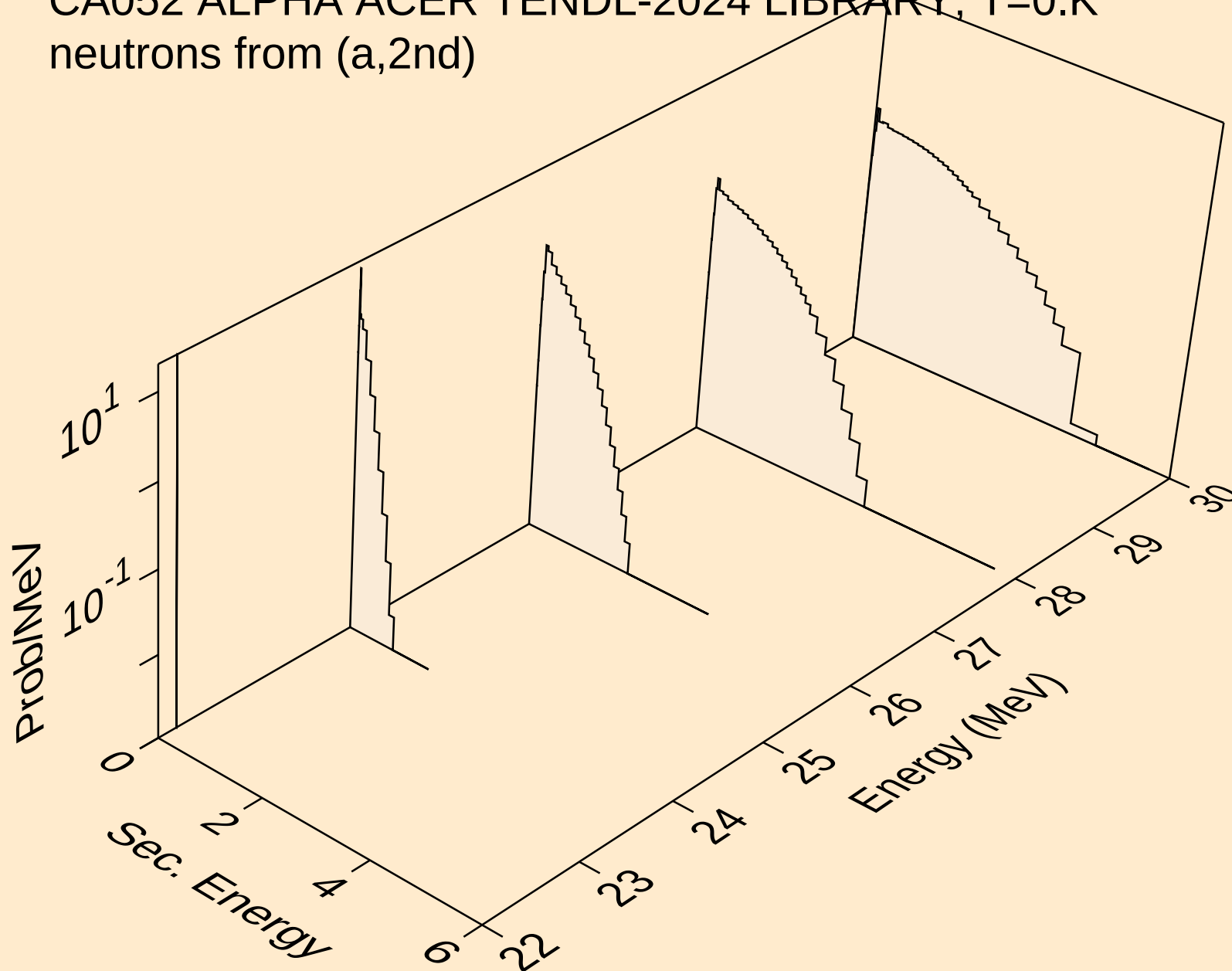
CA052 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n)



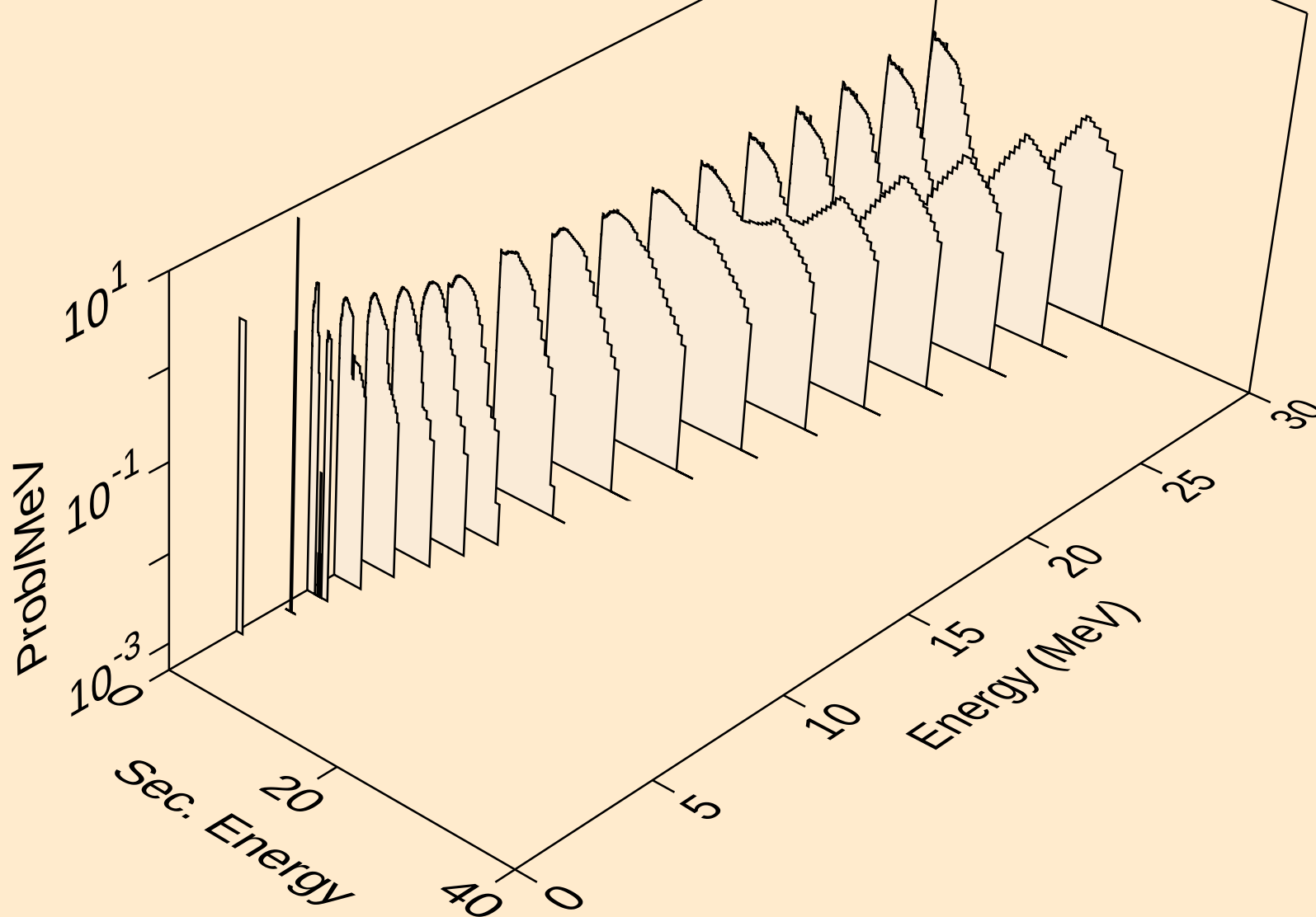
CA052 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,x)



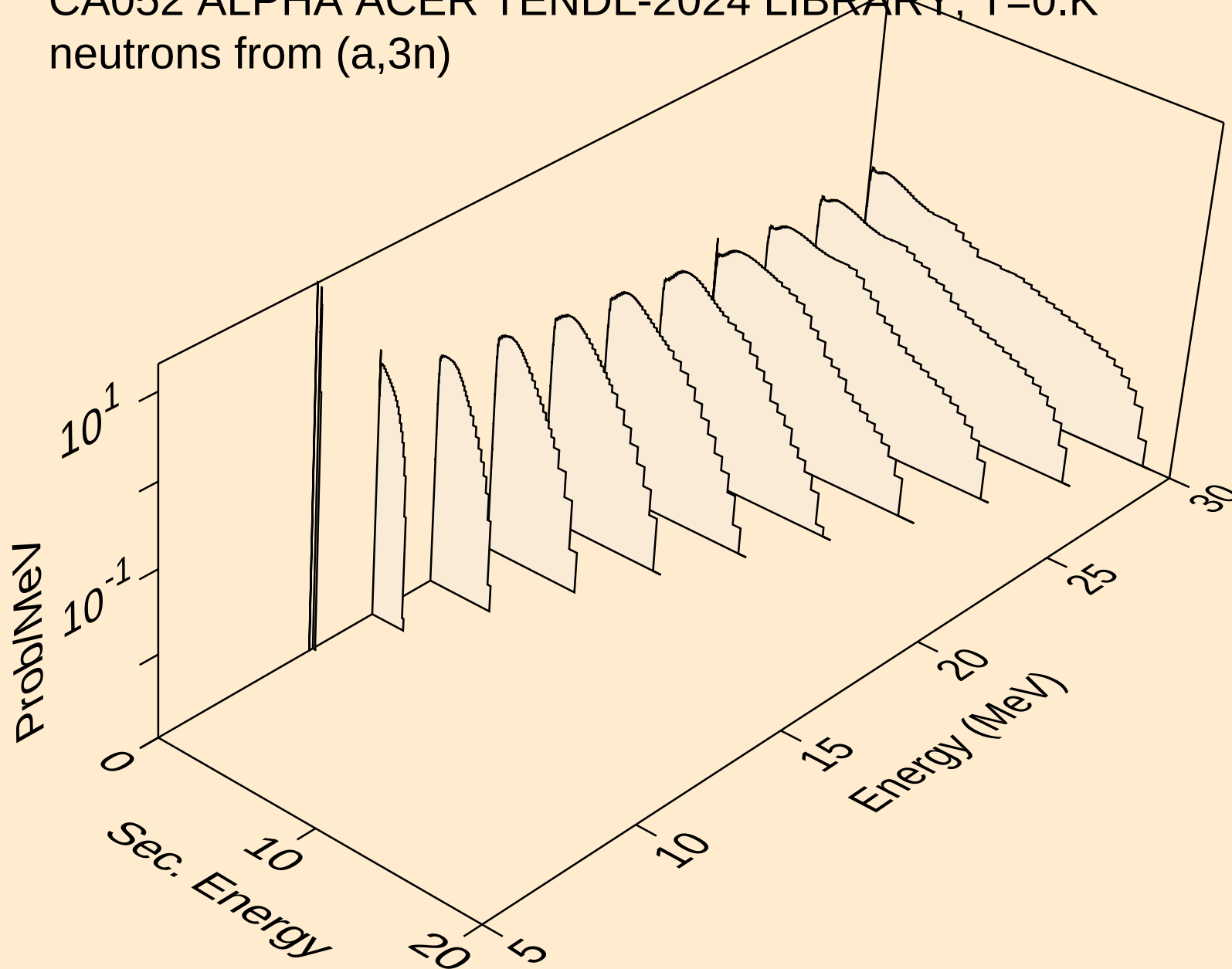
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neutrons from (a,2nd)



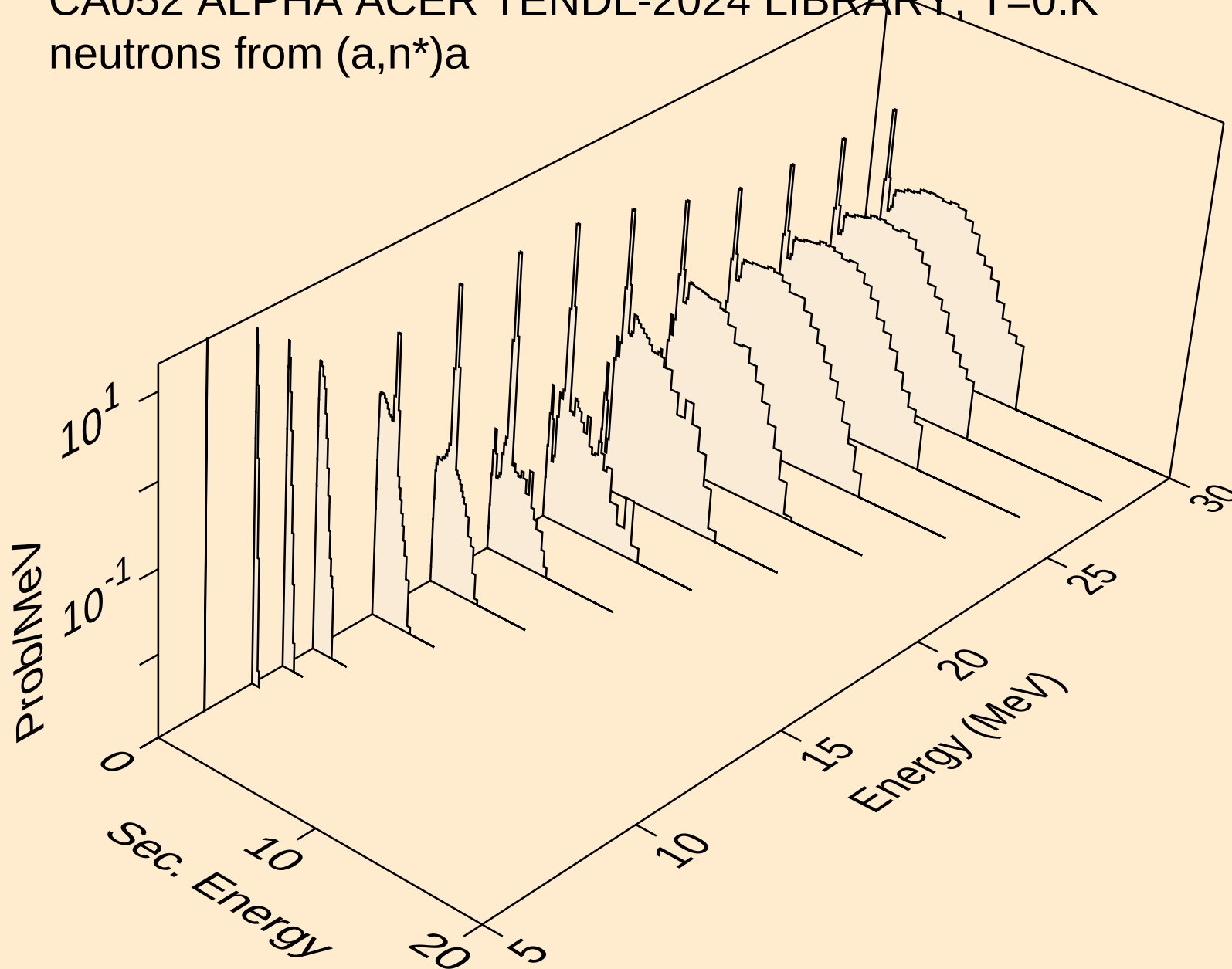
CA052 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,2n)



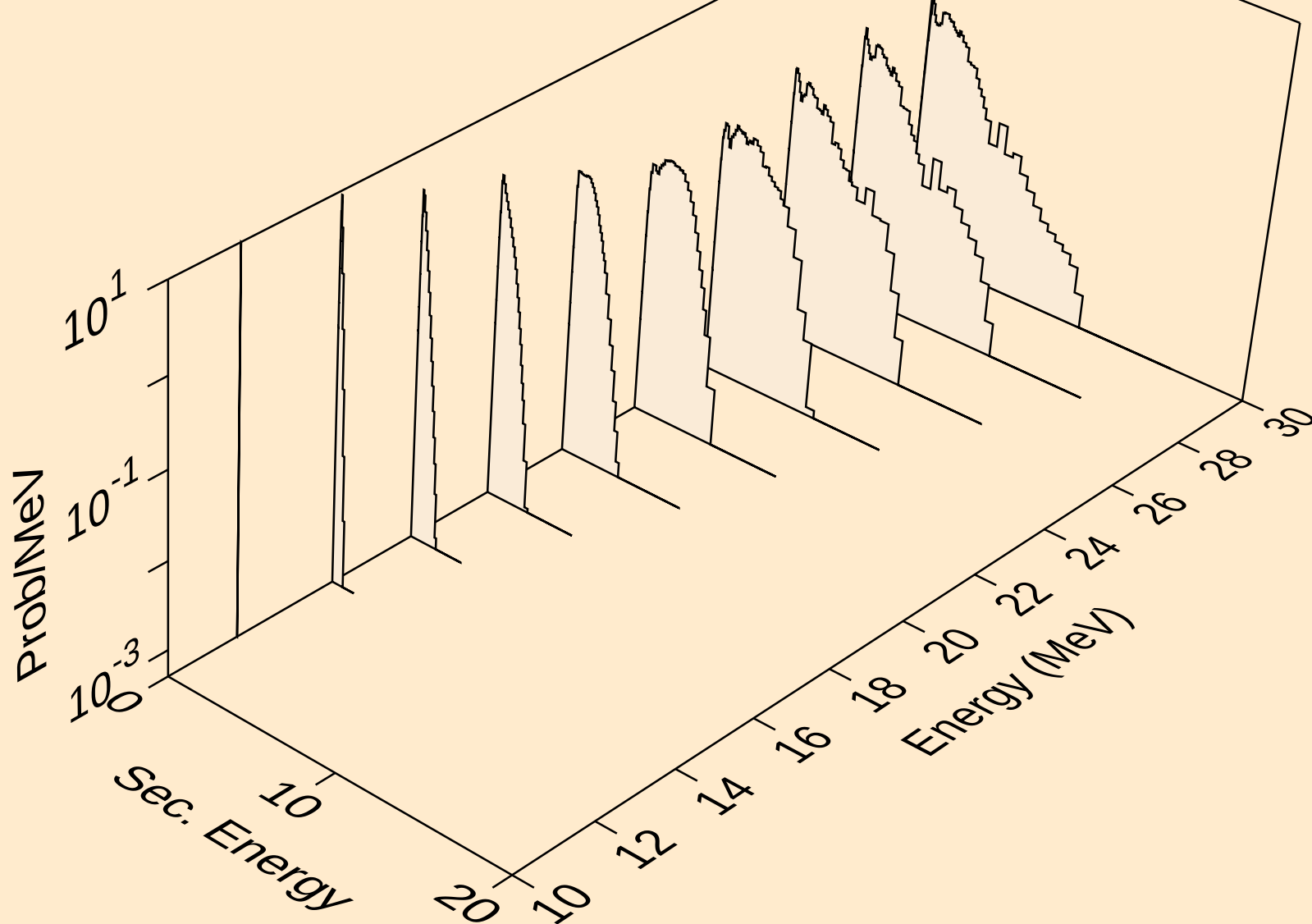
CA052 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,3n)



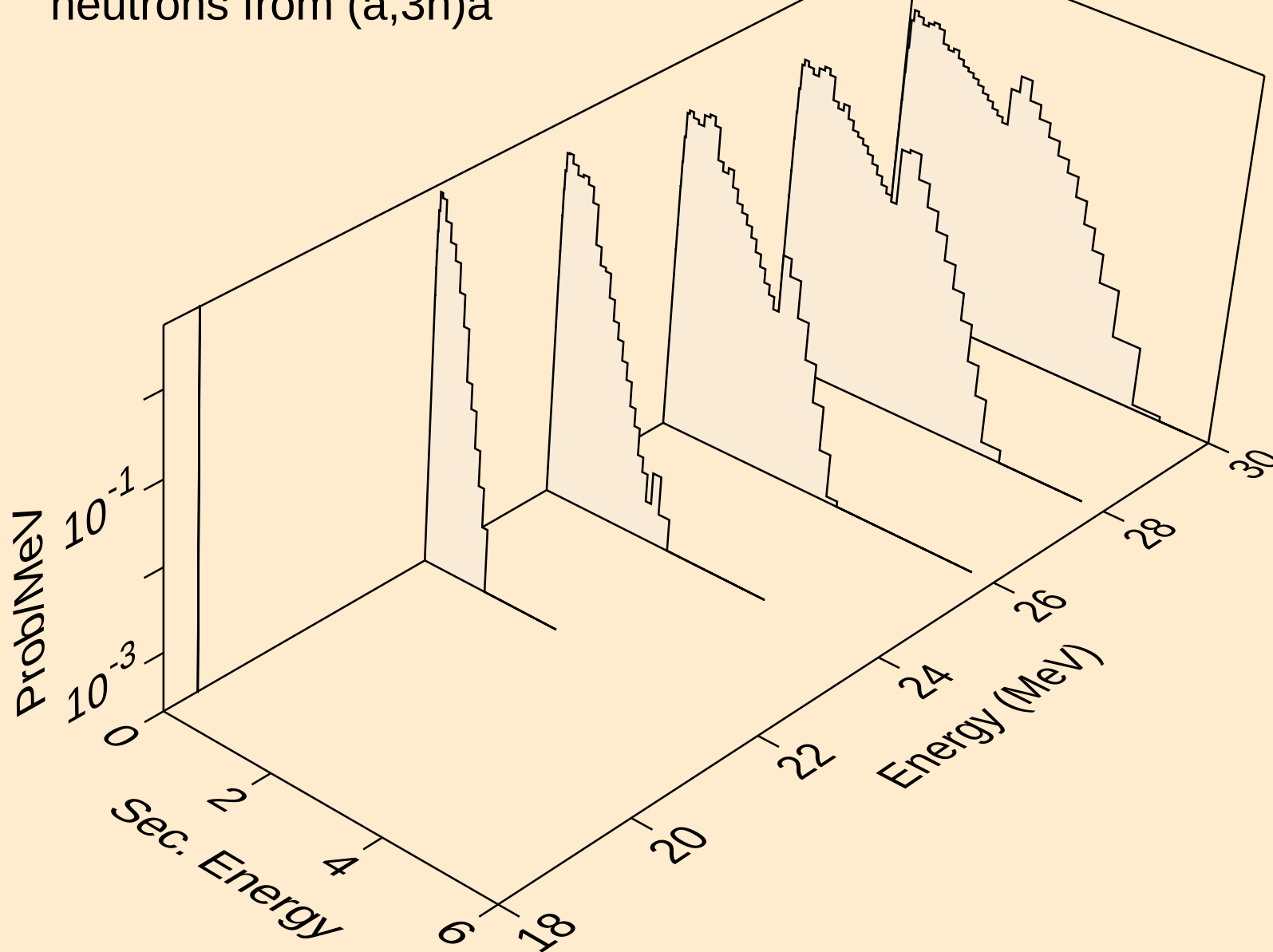
CA052 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)a



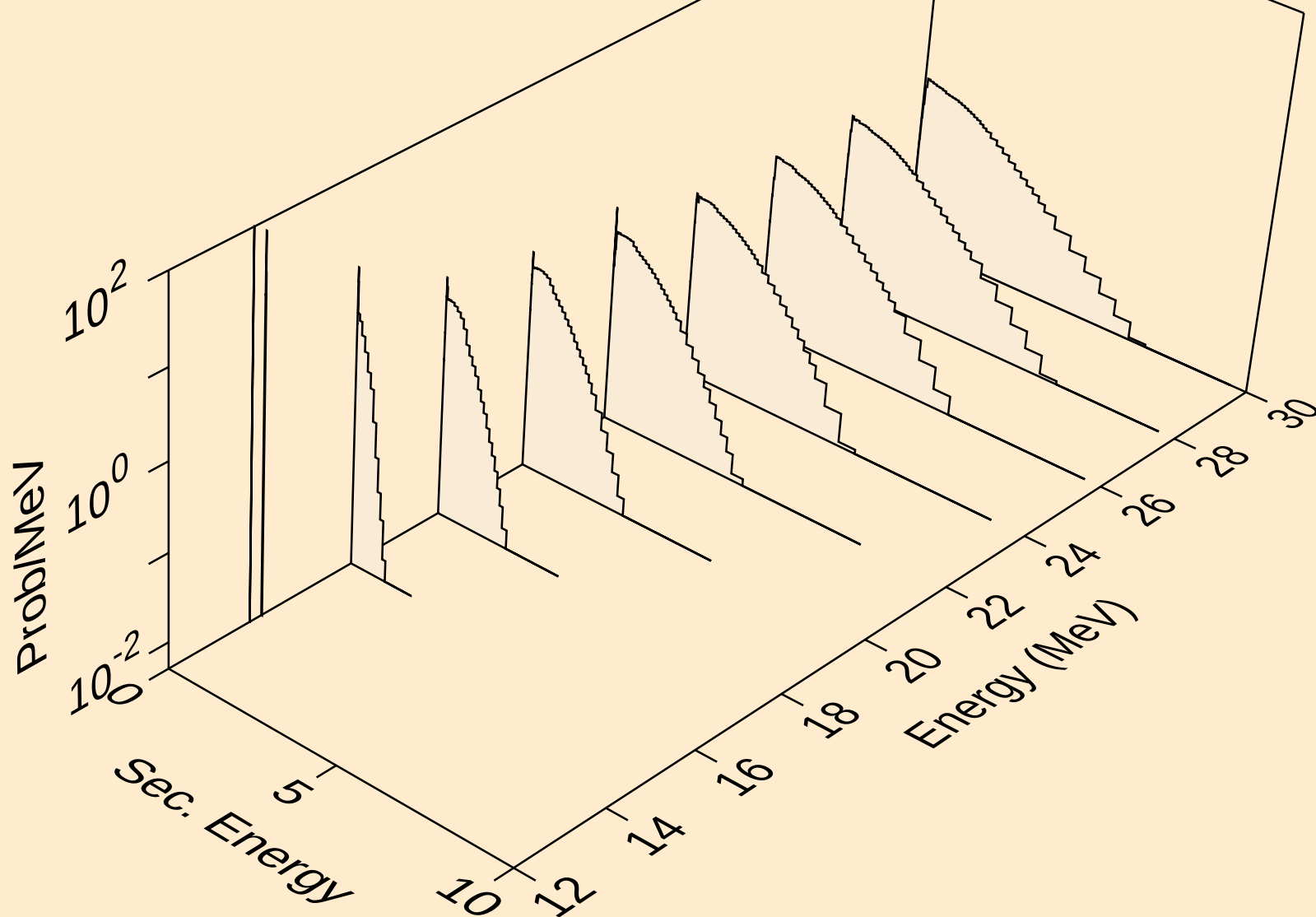
CA052 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,2n)a



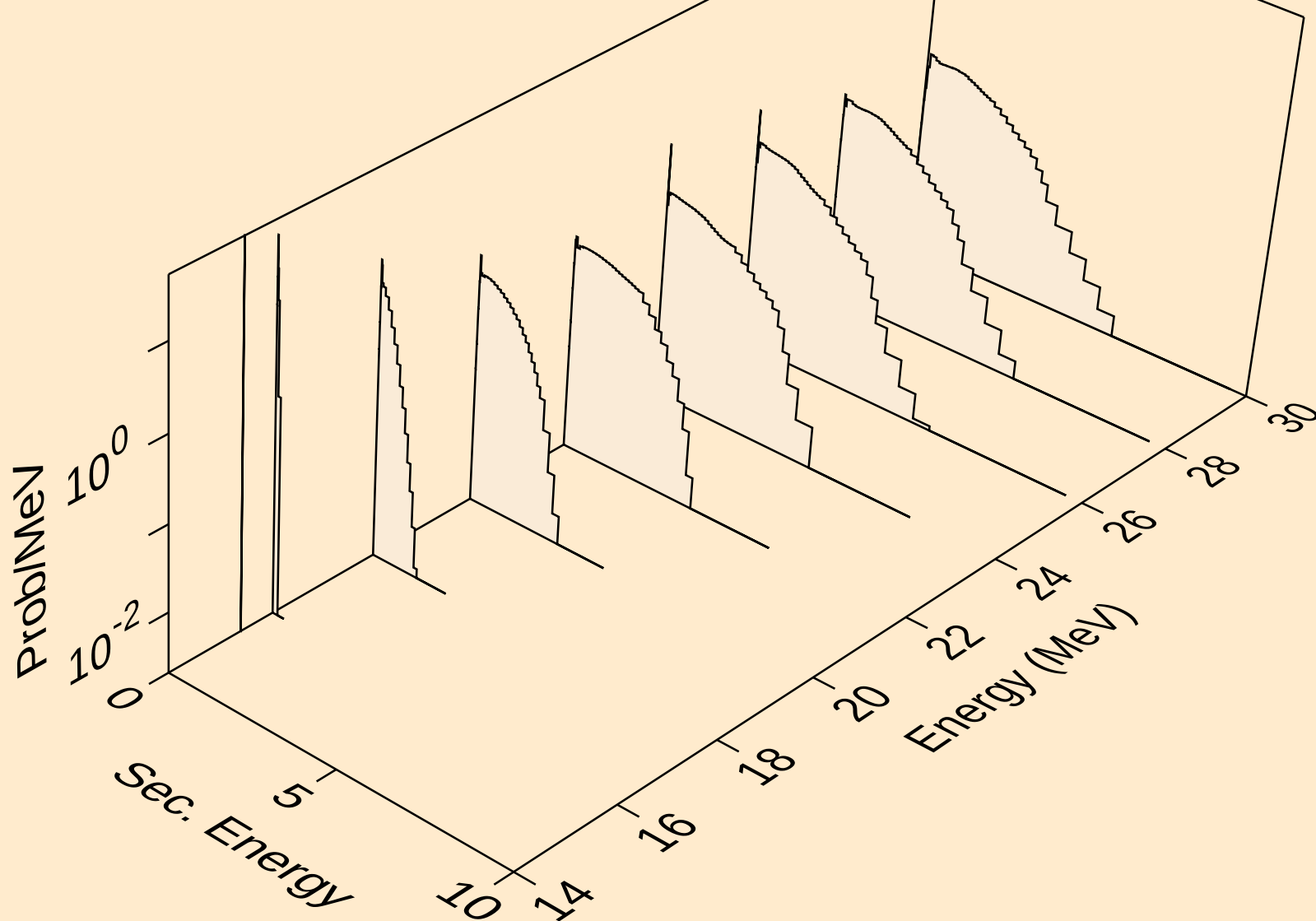
CA052 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,3n)a



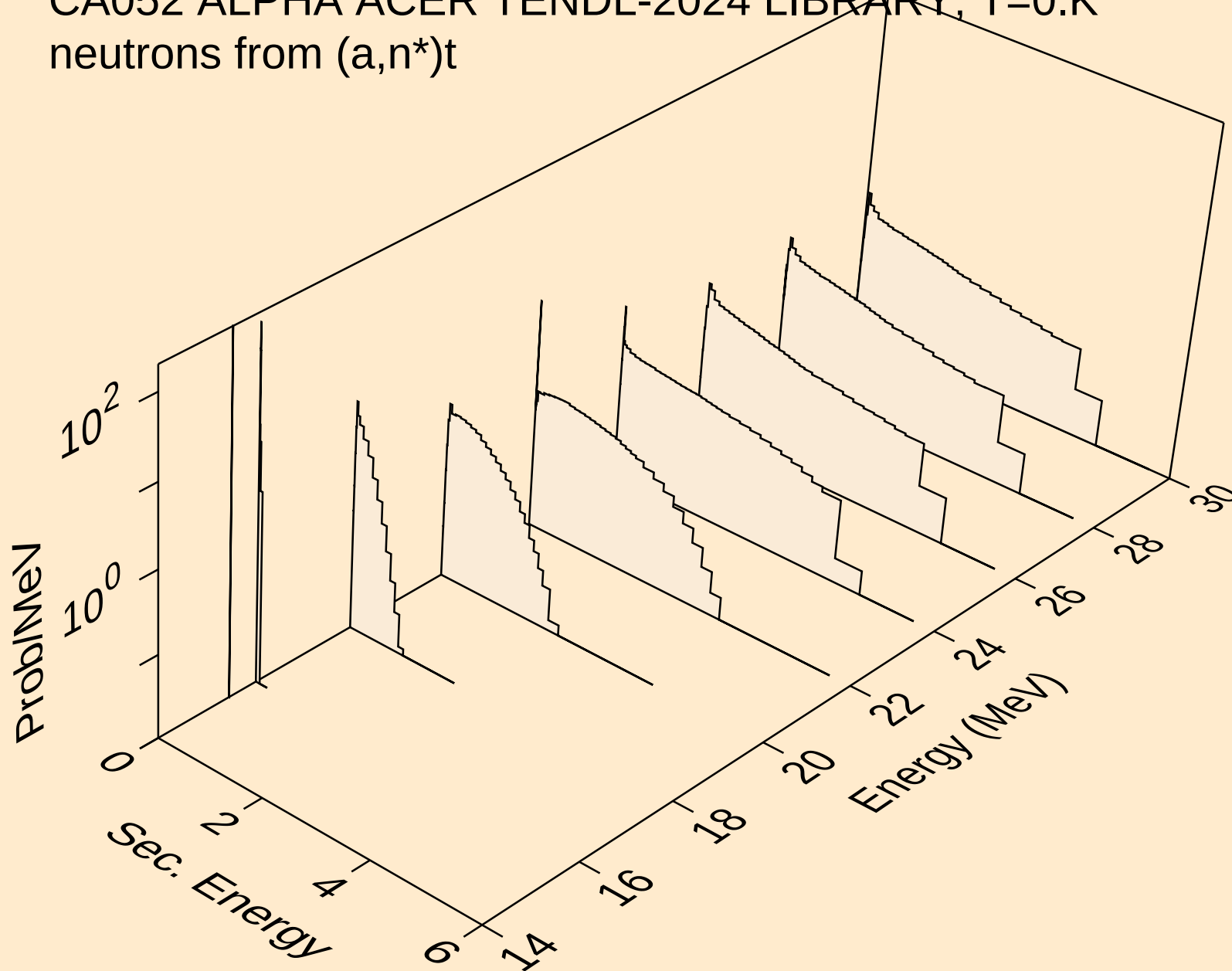
CA052 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)p



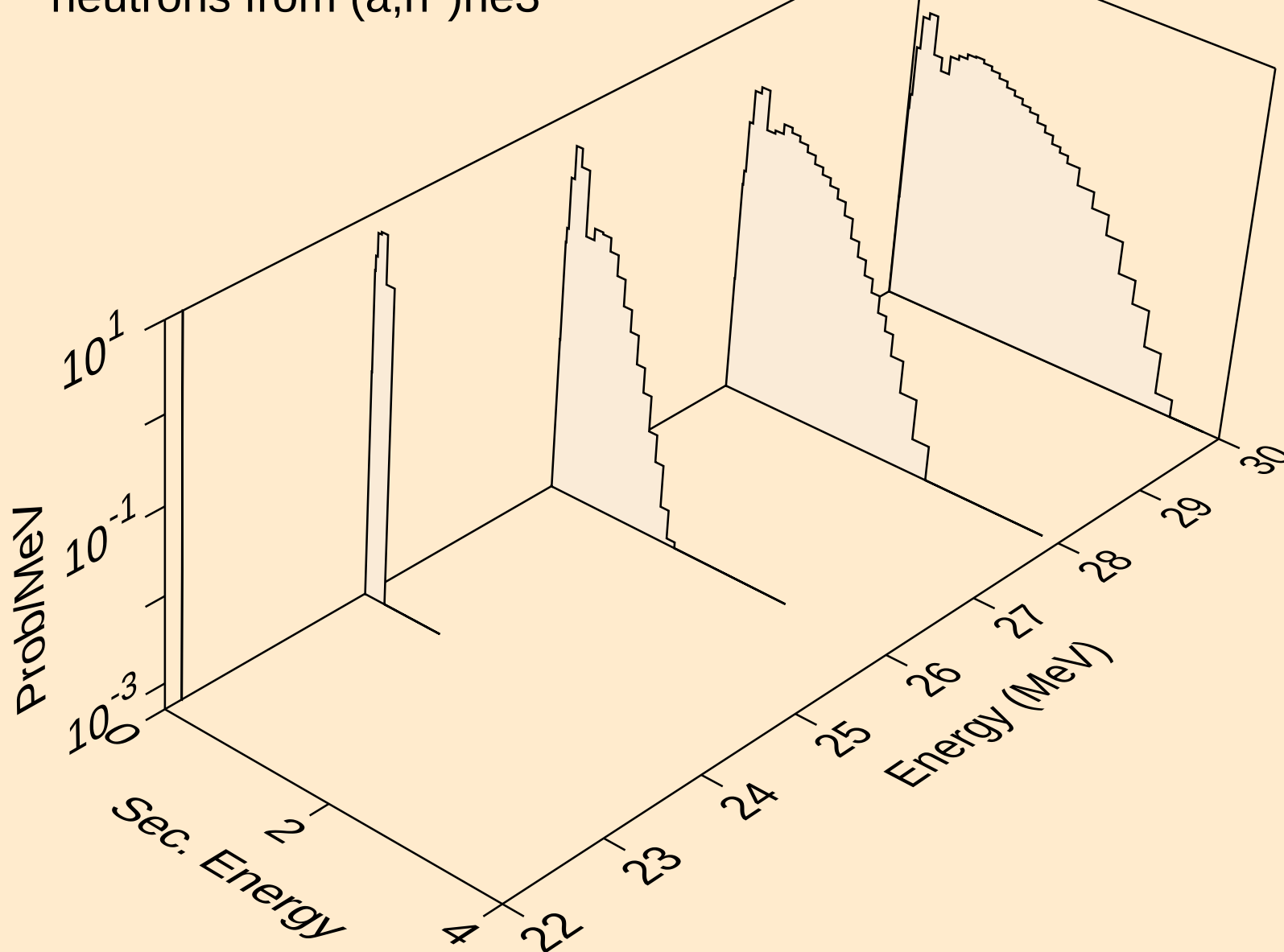
CA052 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)d



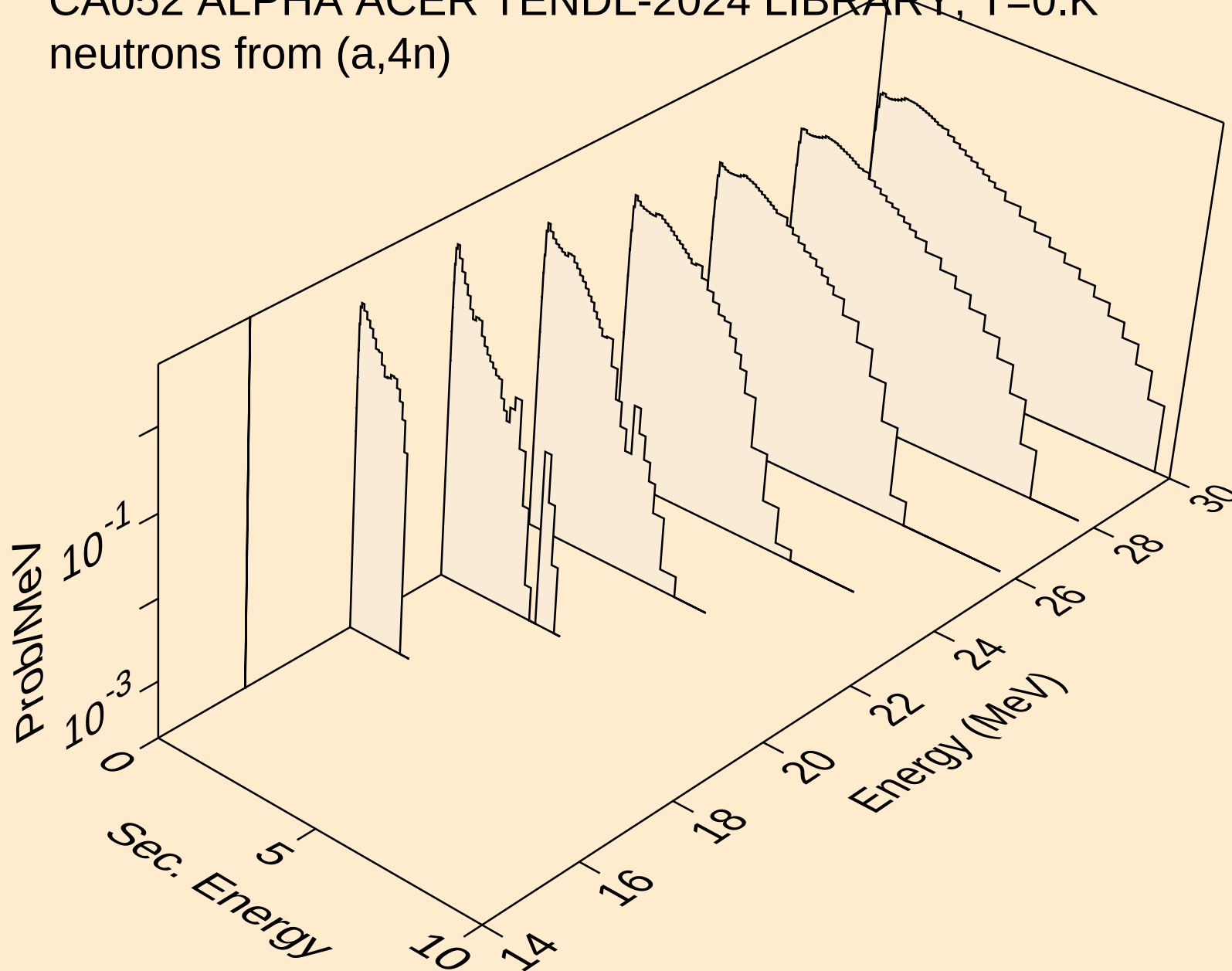
CA052 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)t



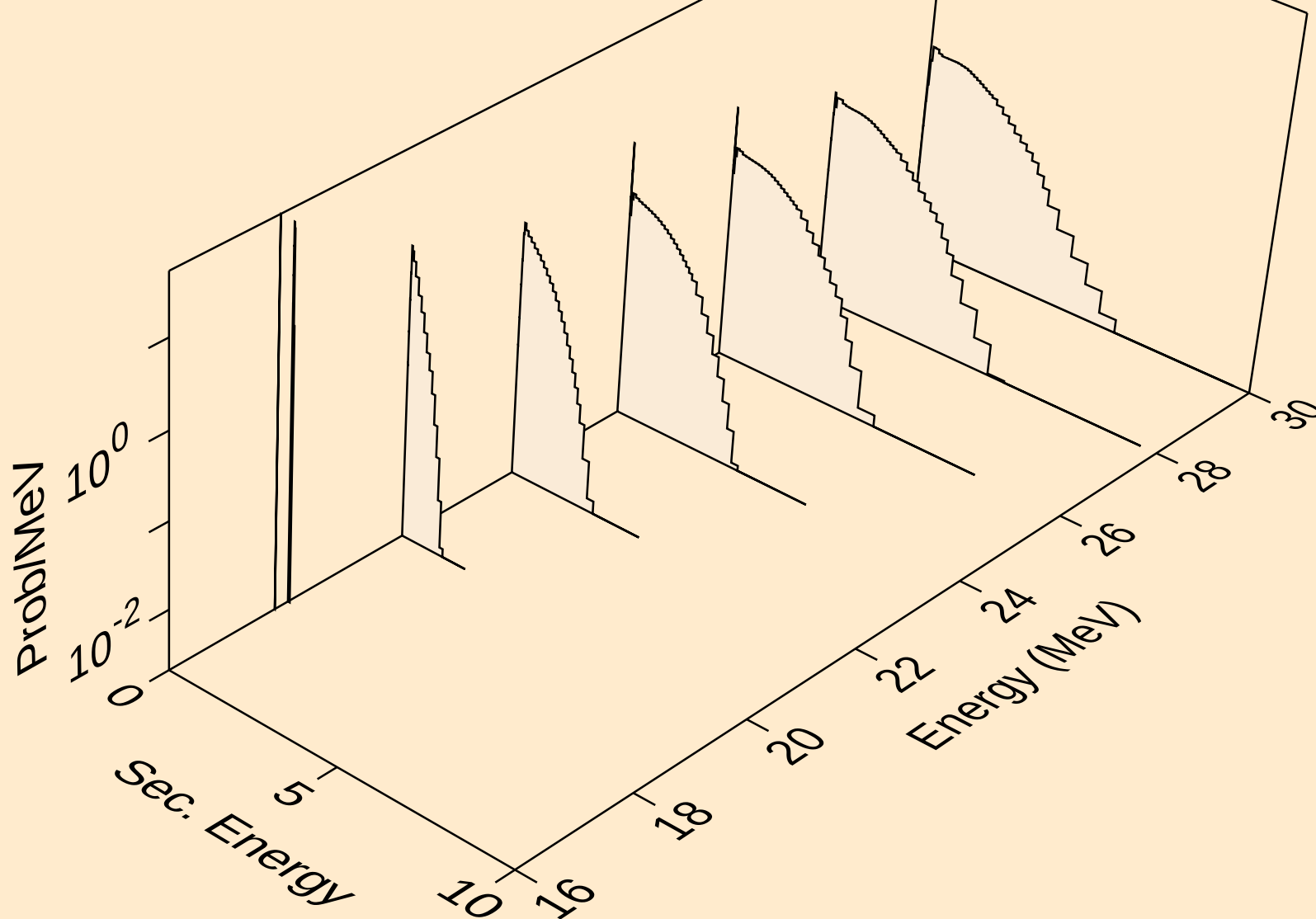
CA052 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)he3



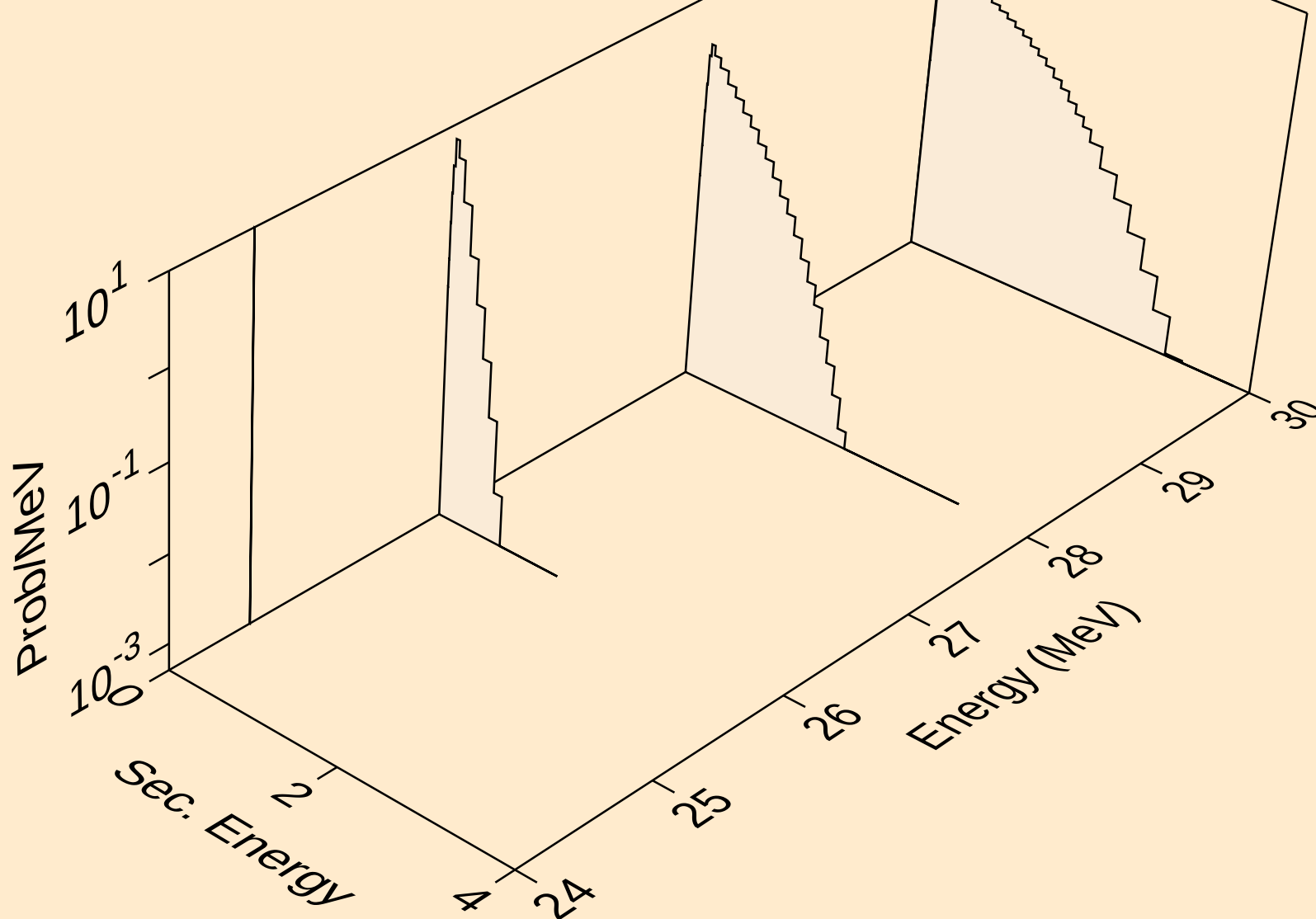
CA052 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,4n)



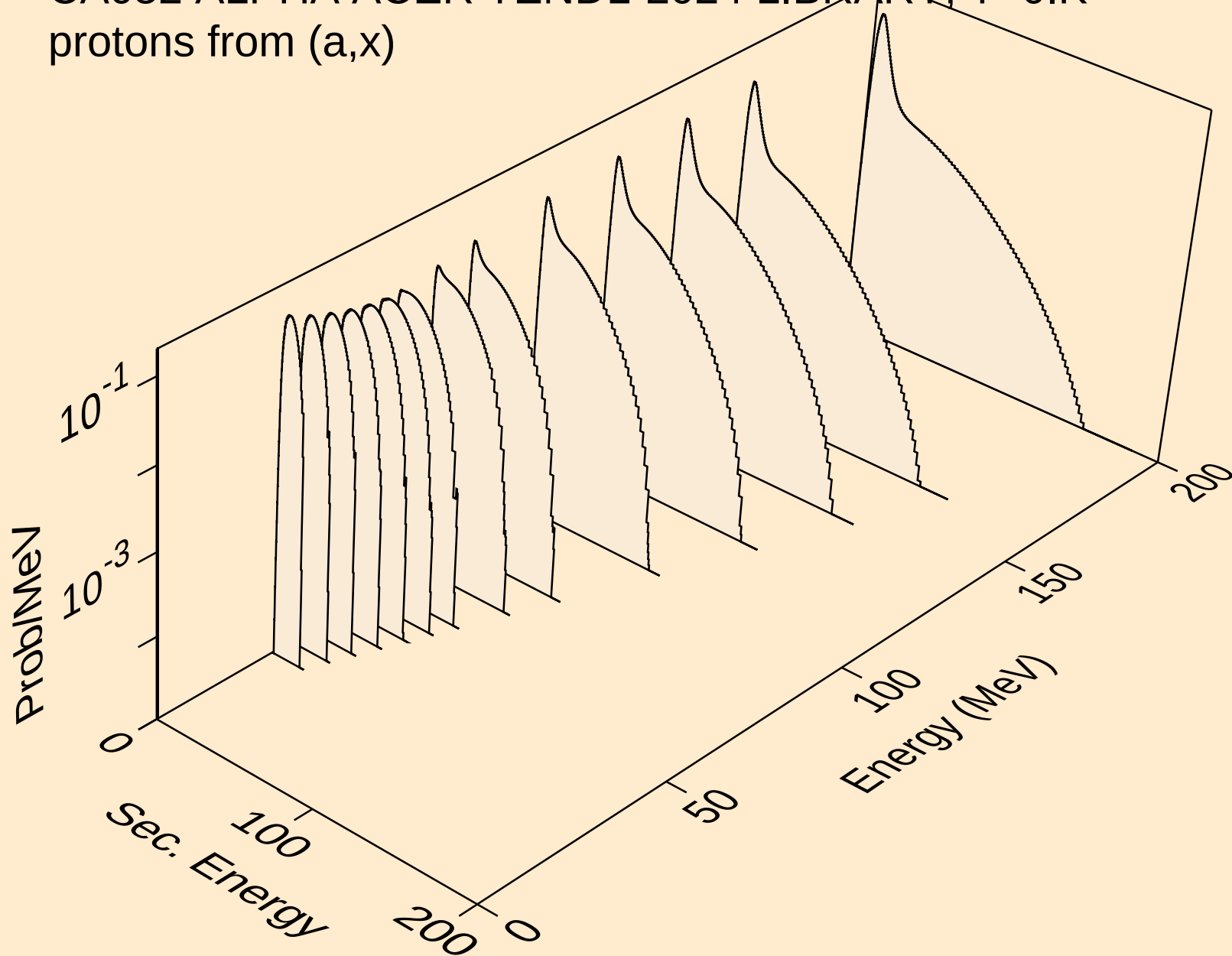
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neutrons from (a,2np)



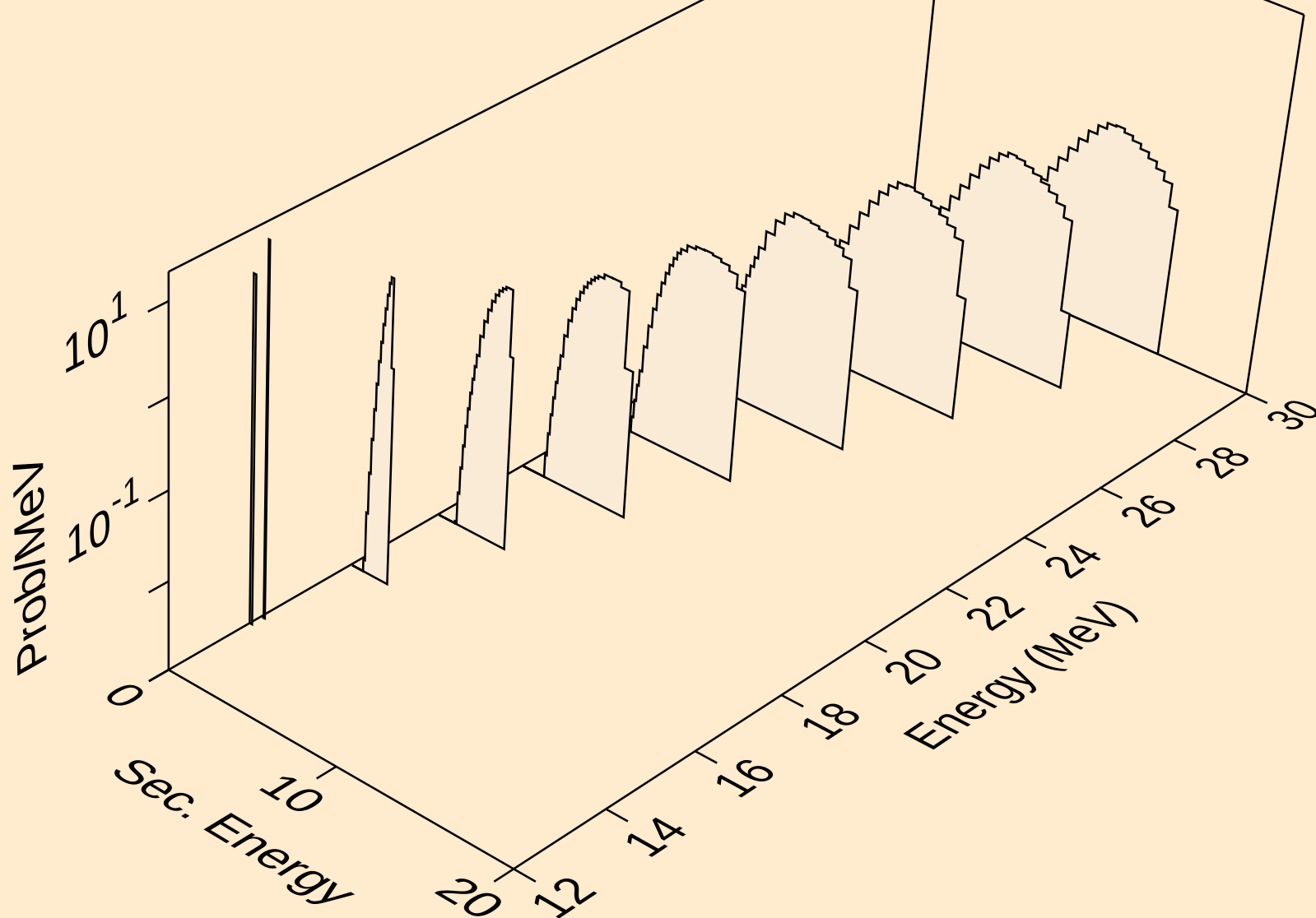
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neutrons from (a,3np)



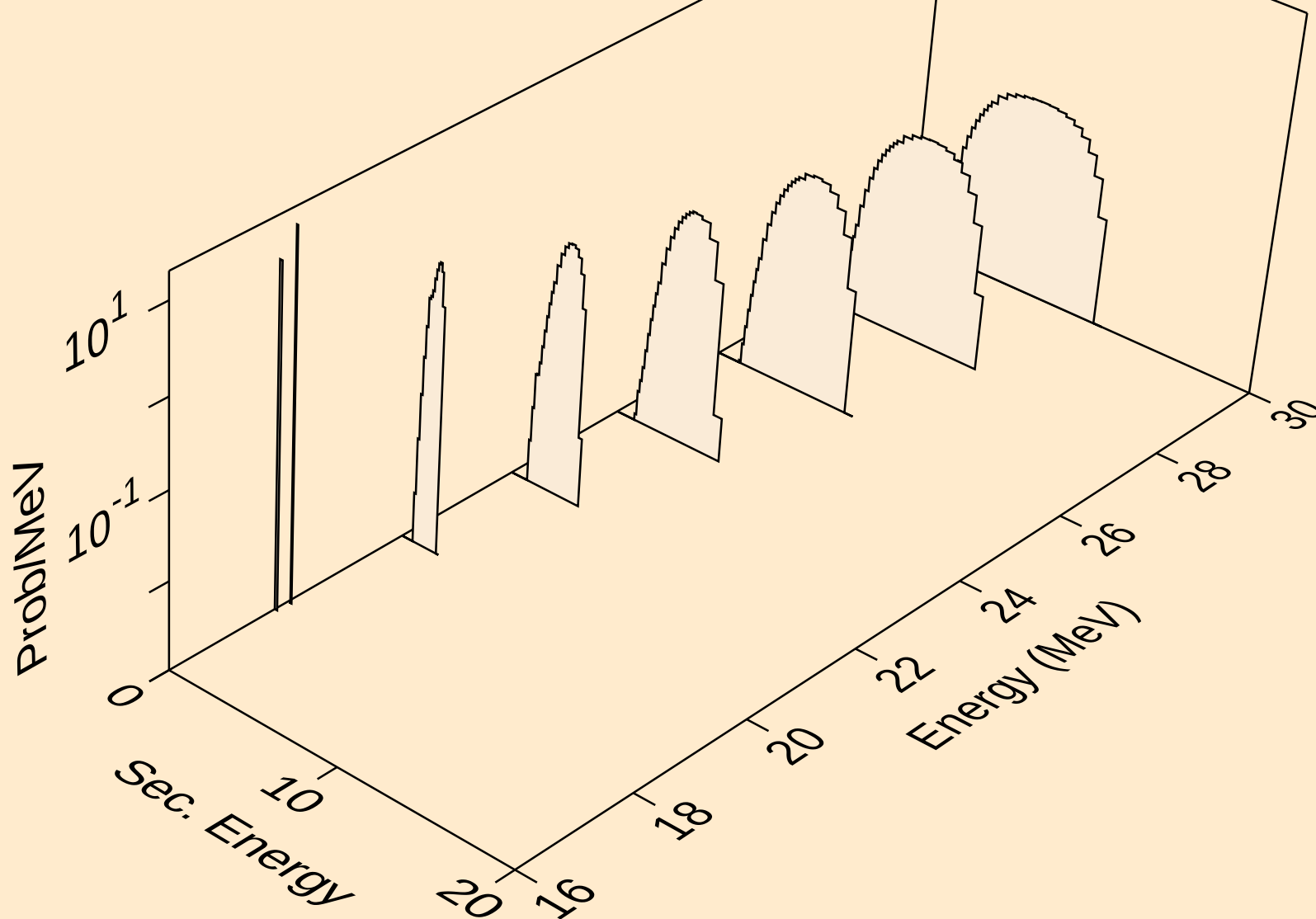
CA052 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,x)



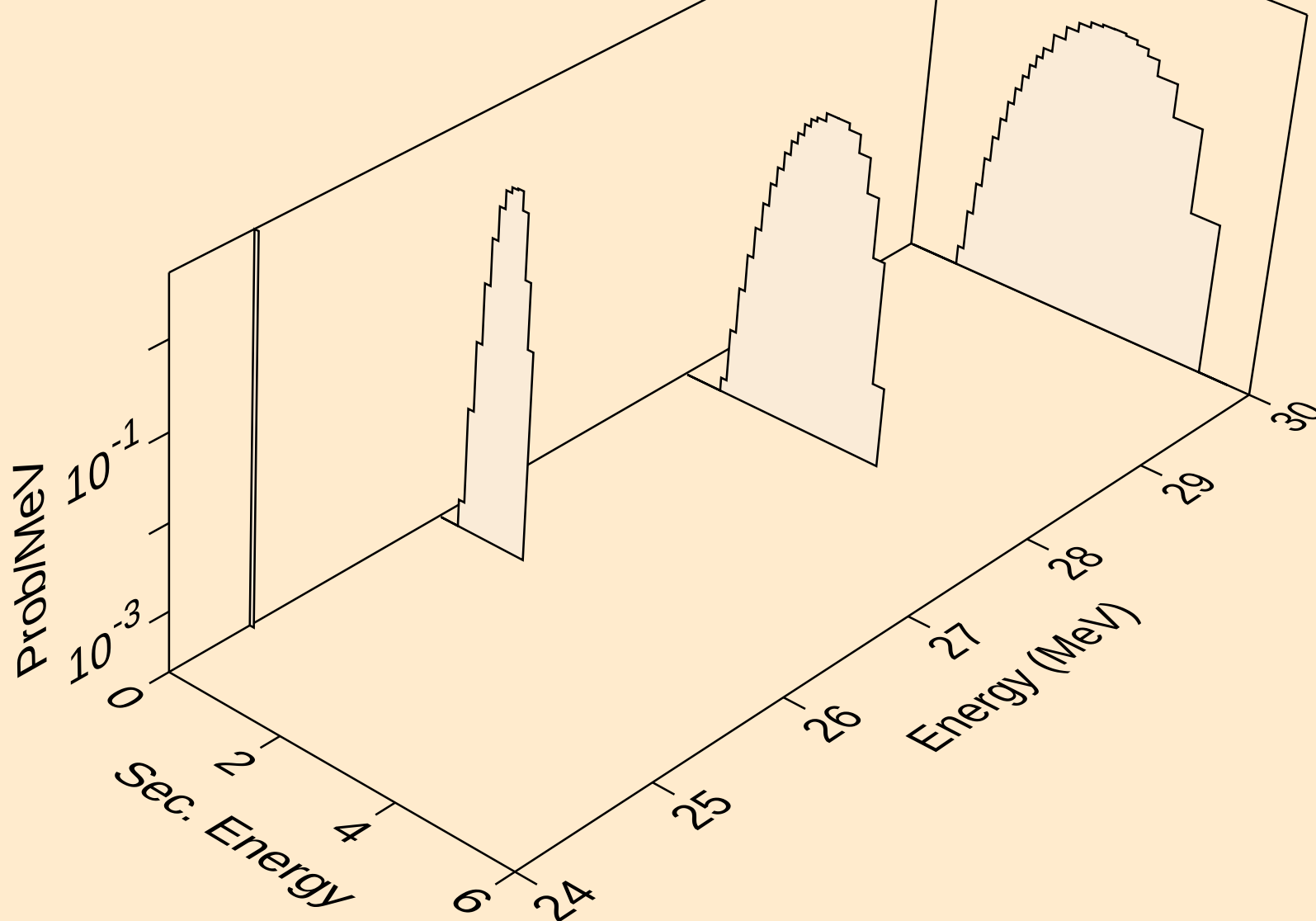
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protons from (a,n\*)p



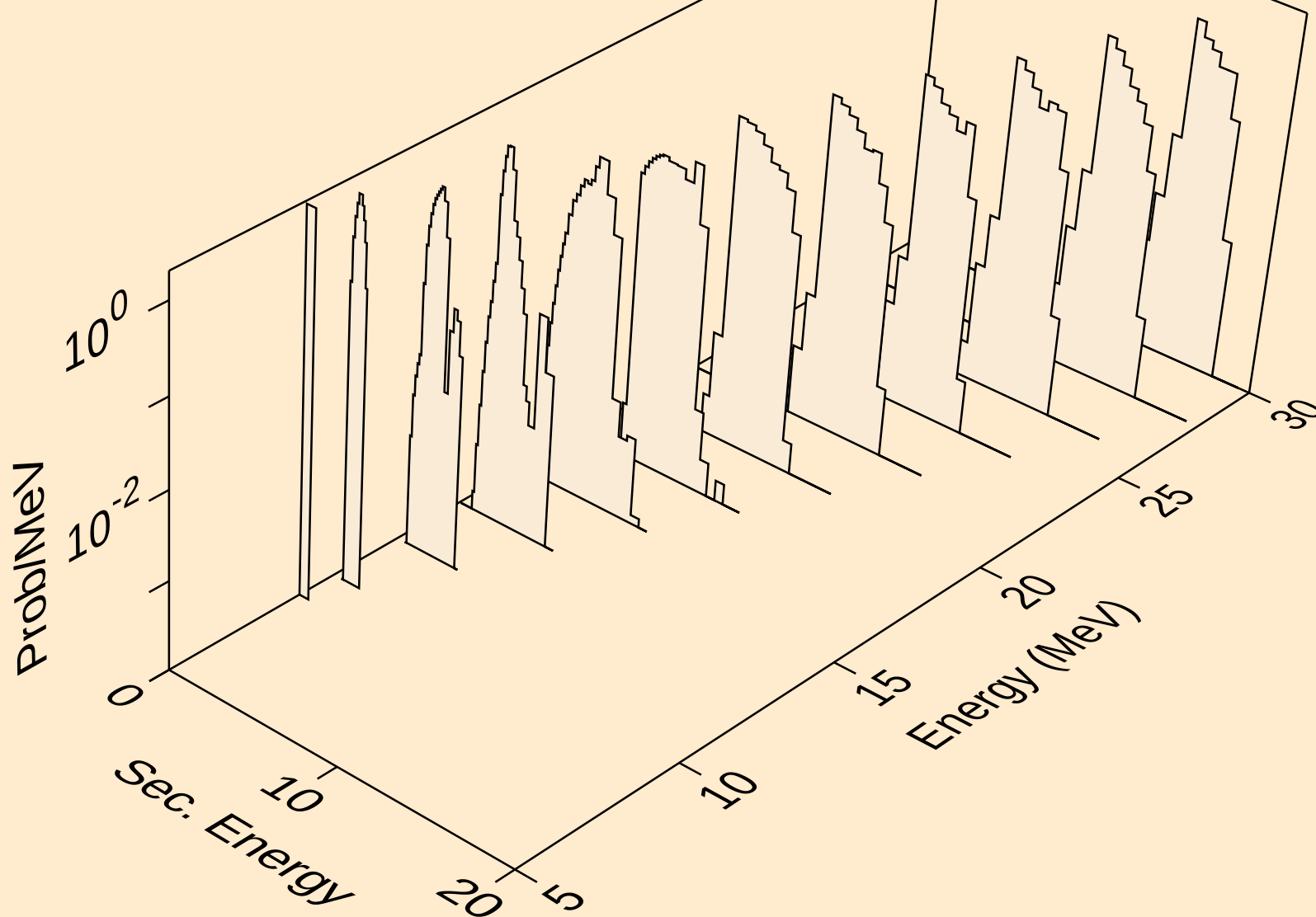
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protons from (a,2np)



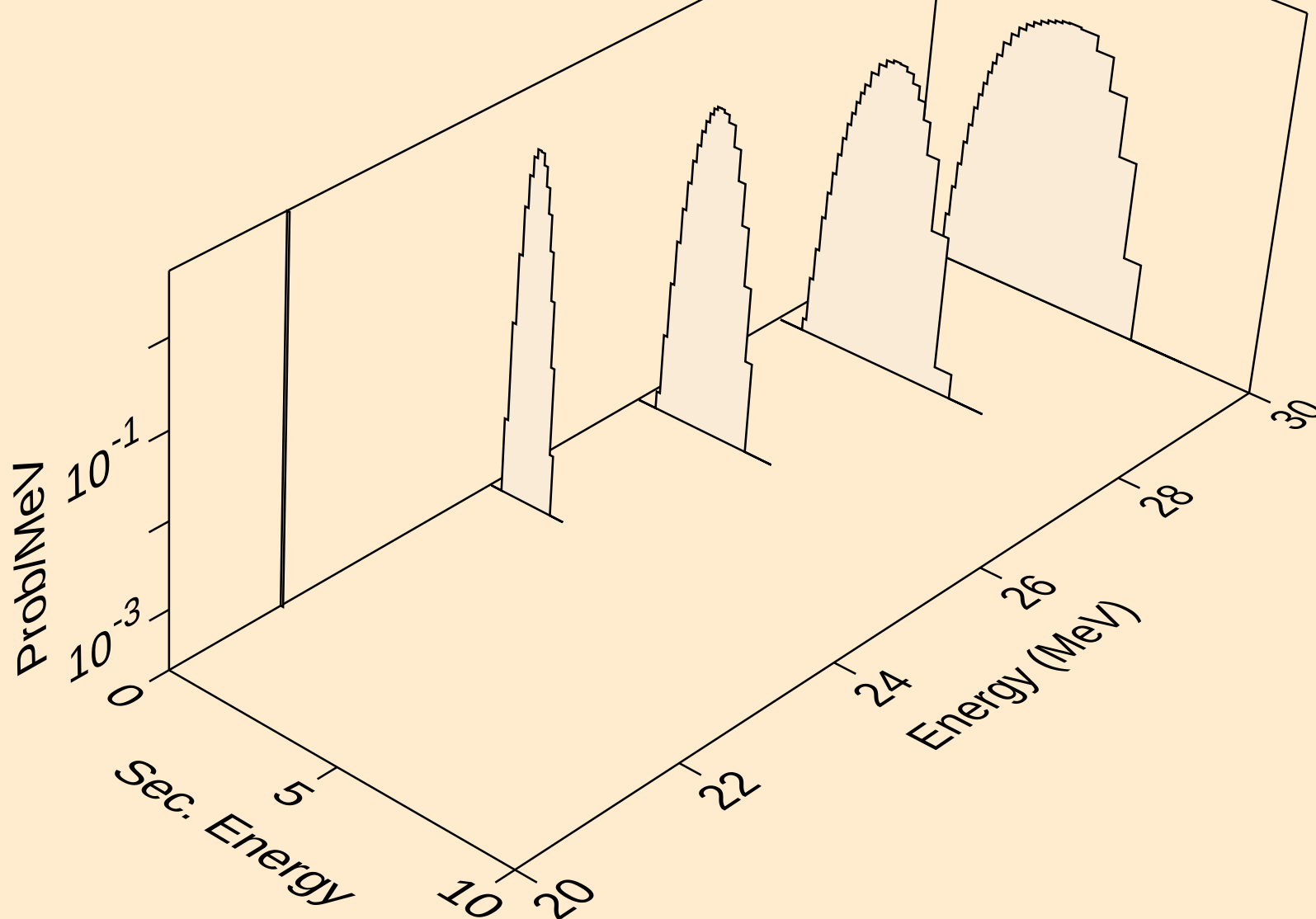
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protons from (a,3np)



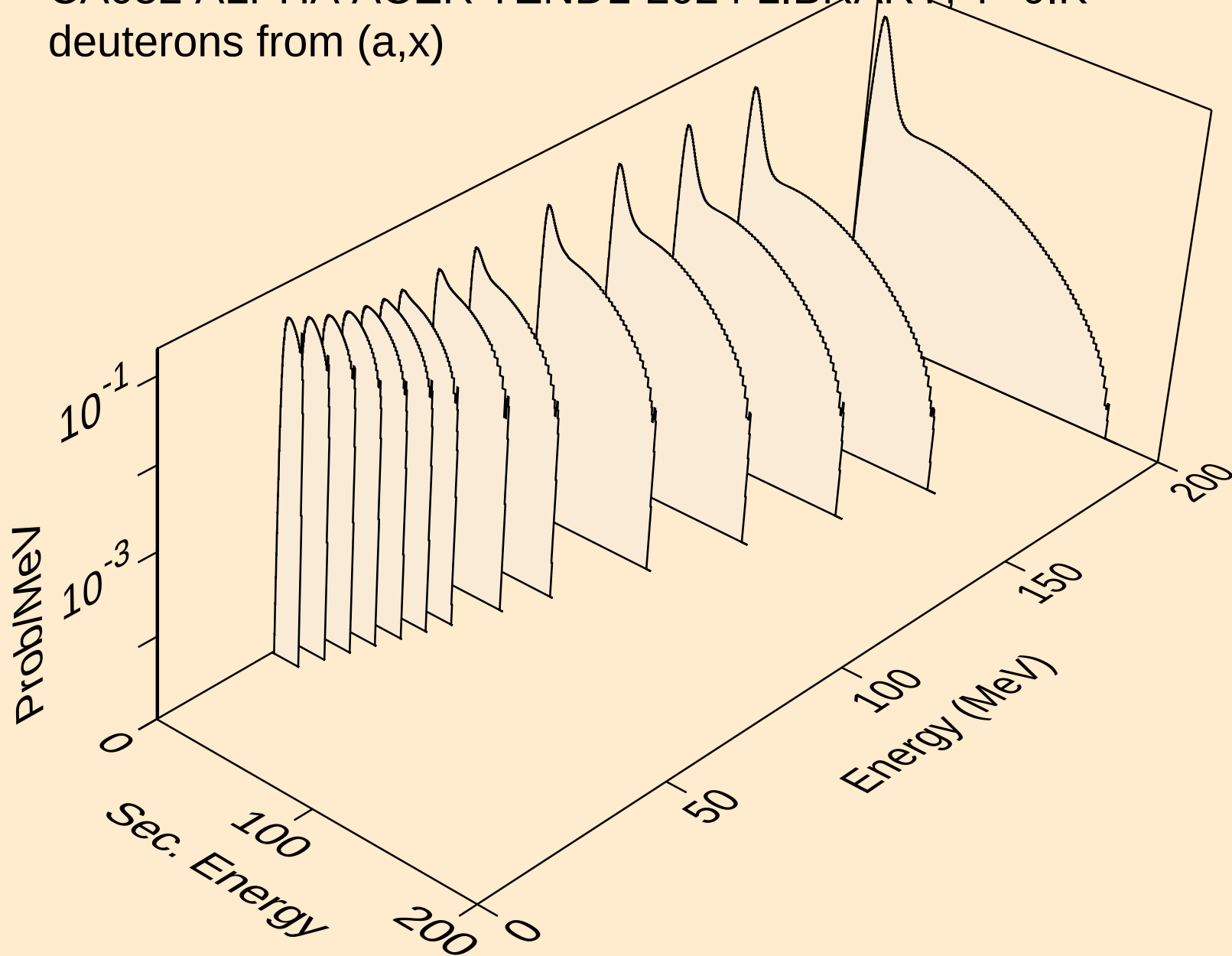
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protons from (a,p)



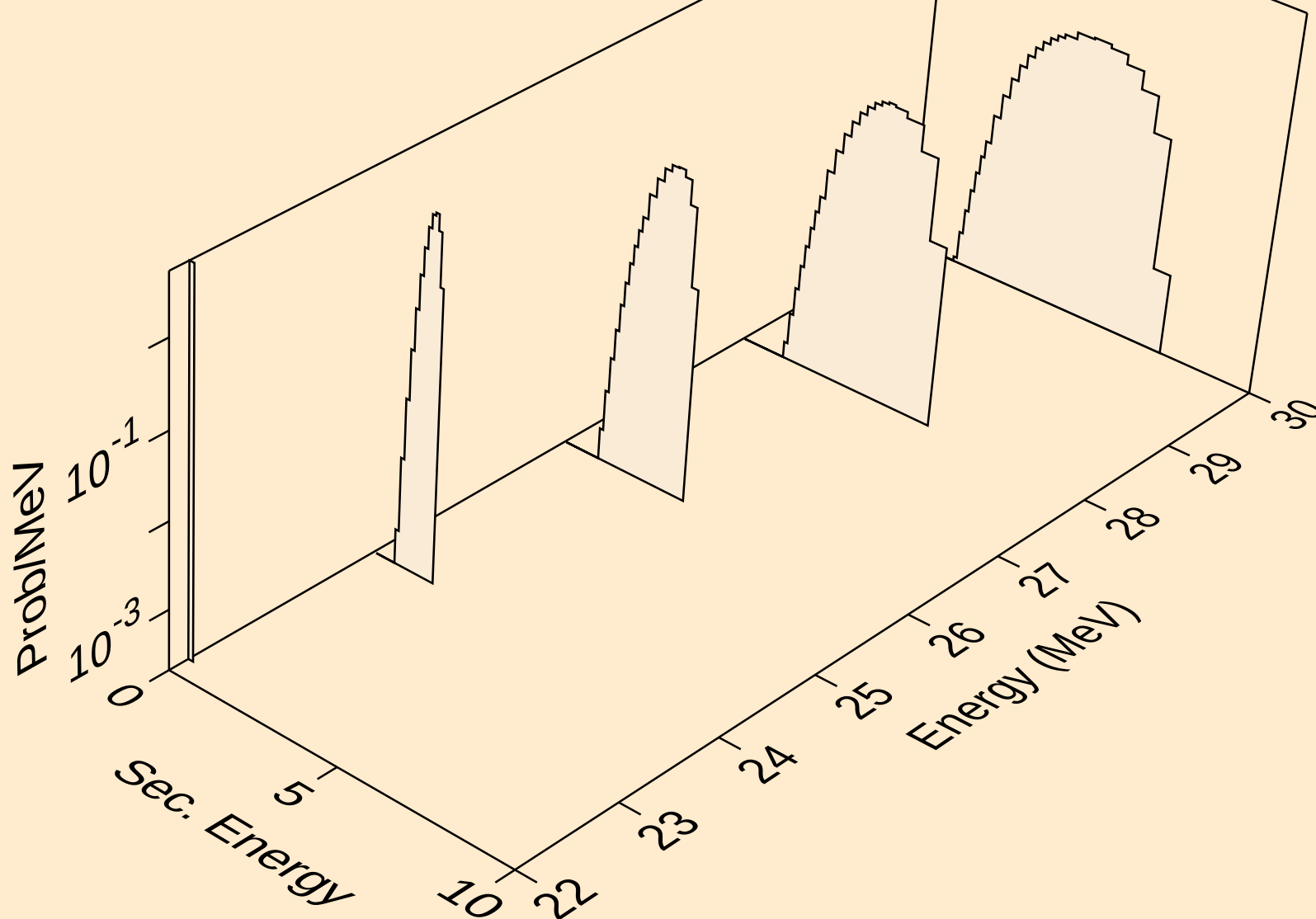
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protons from (a,pt)



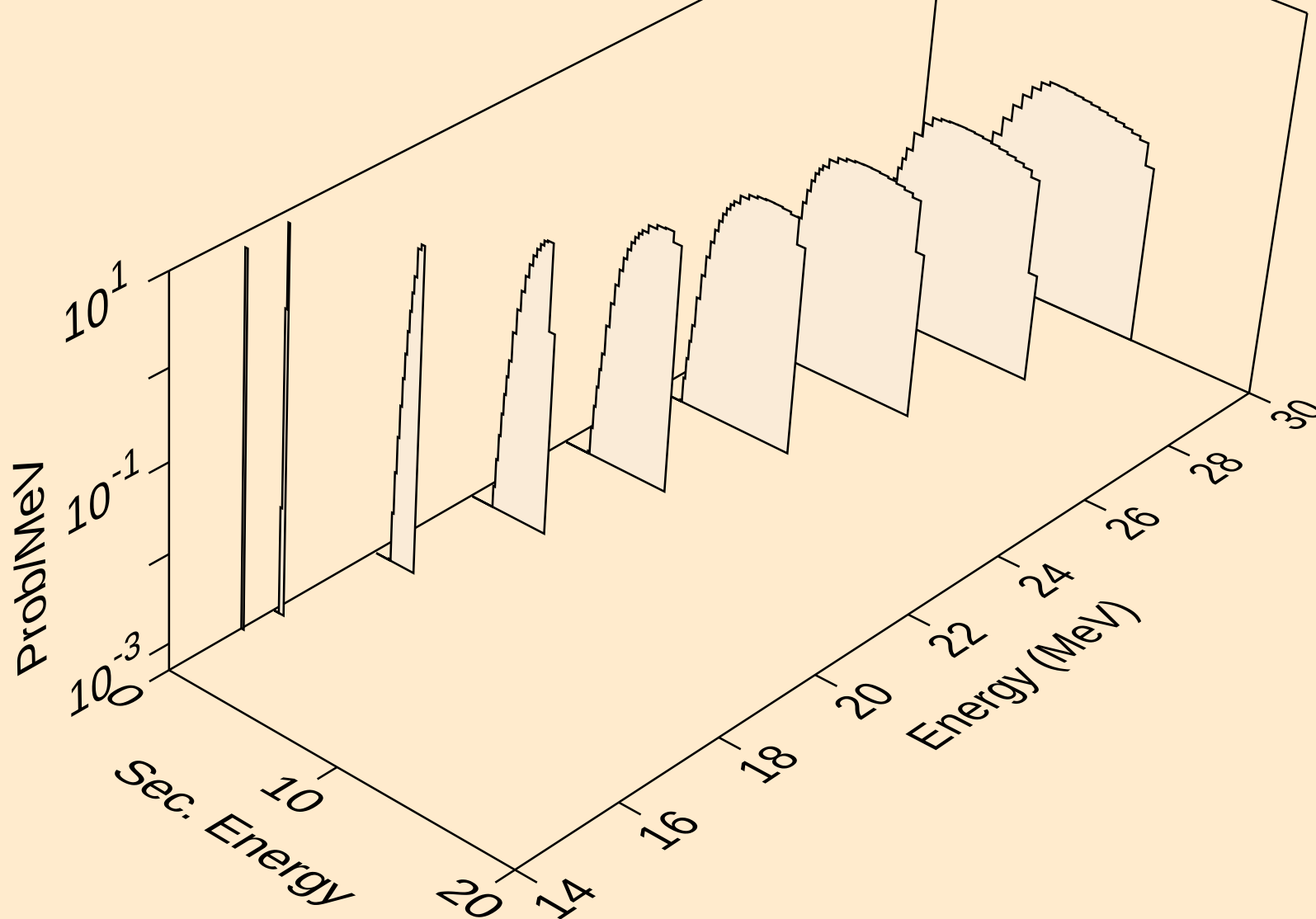
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deuterons from (a,x)



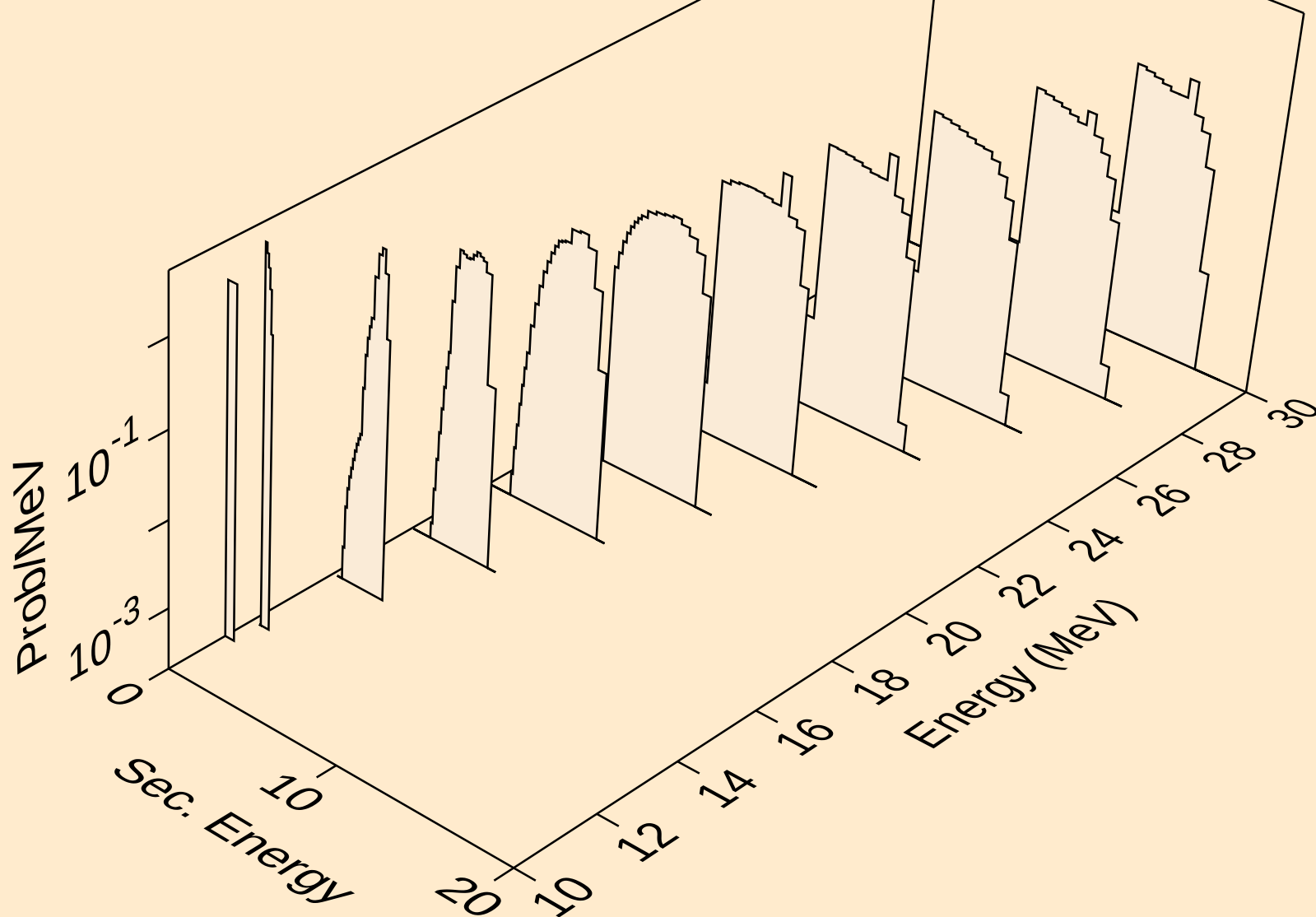
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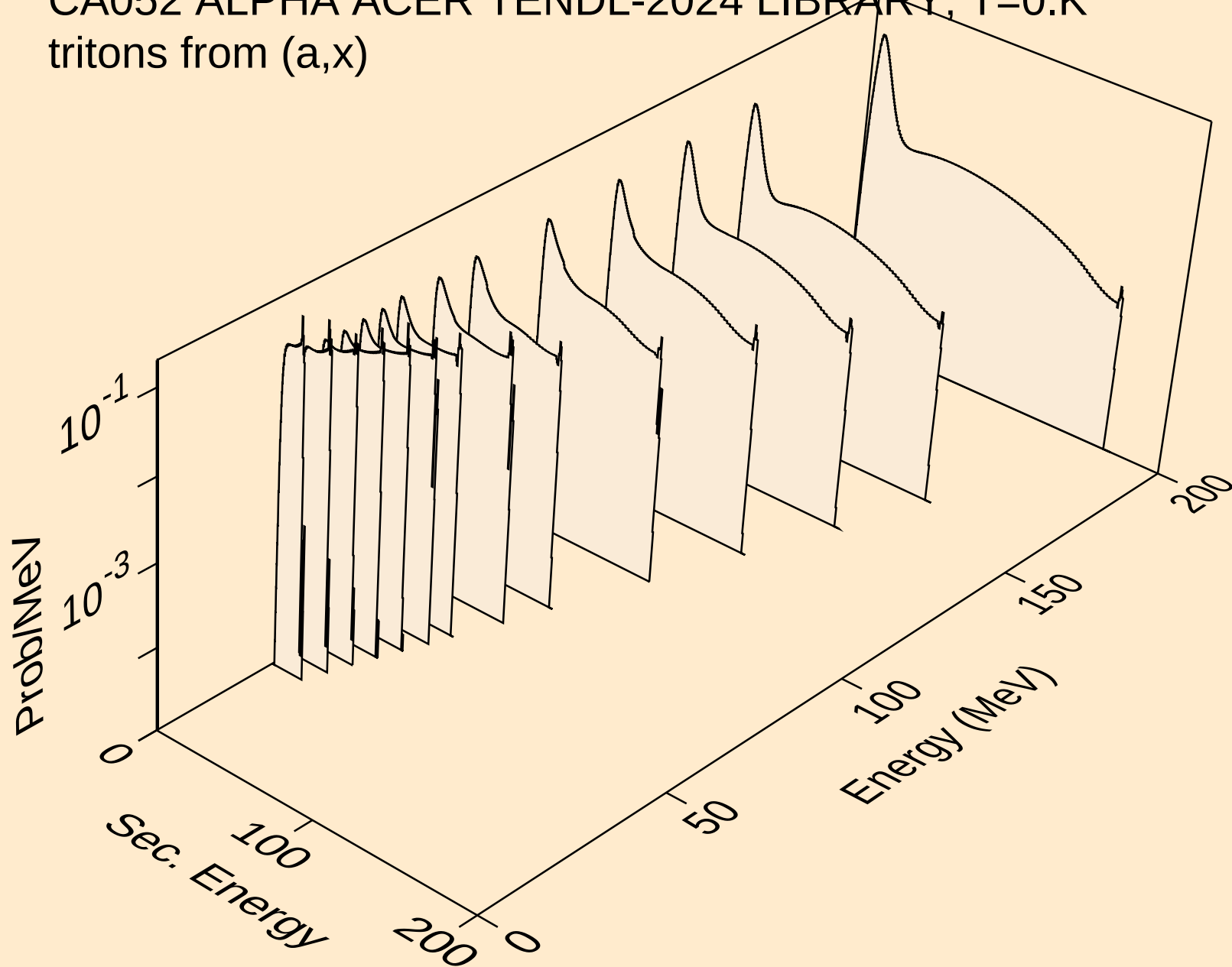
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deuterons from (a,n\*)d



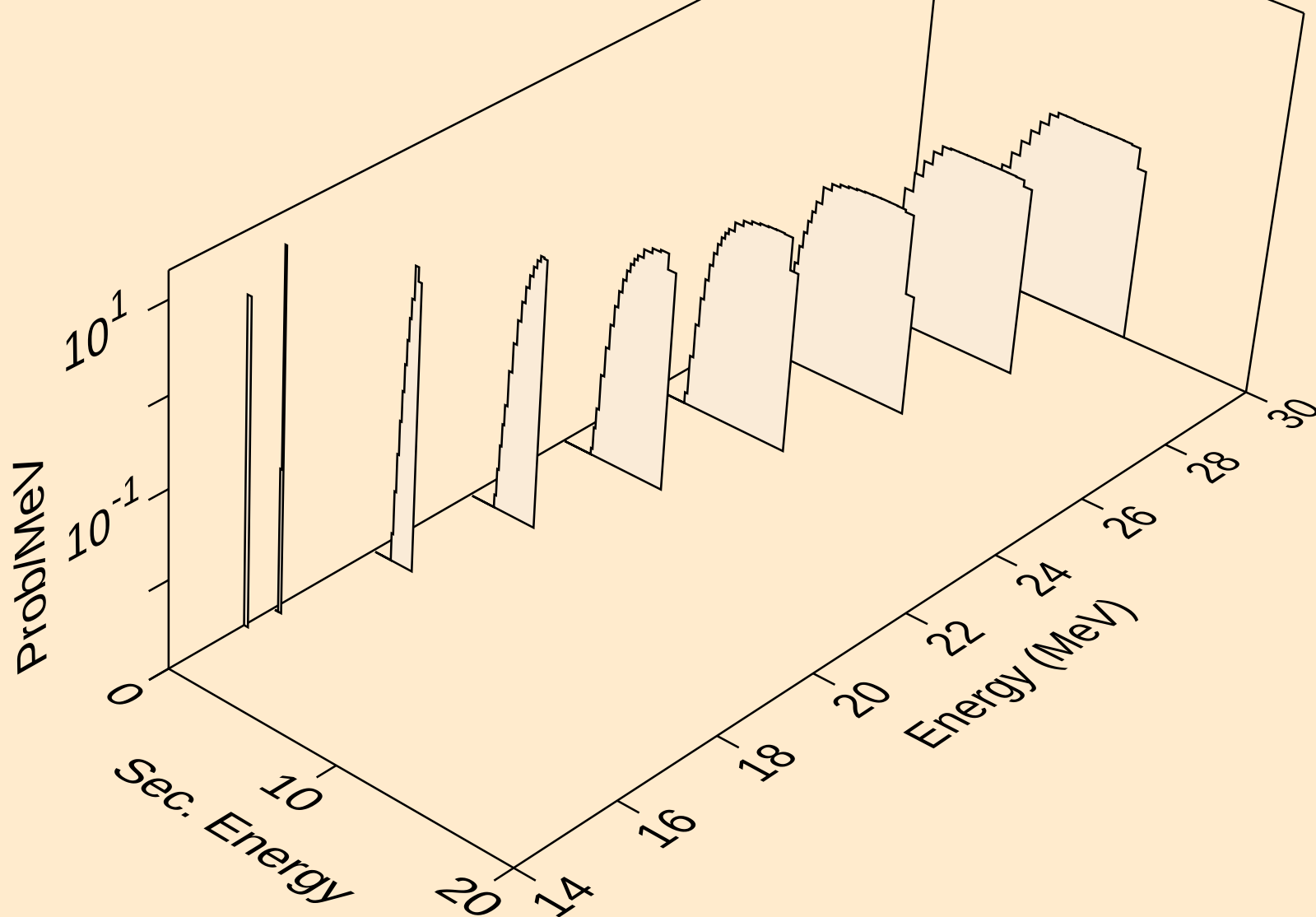
CA052 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (a,d)



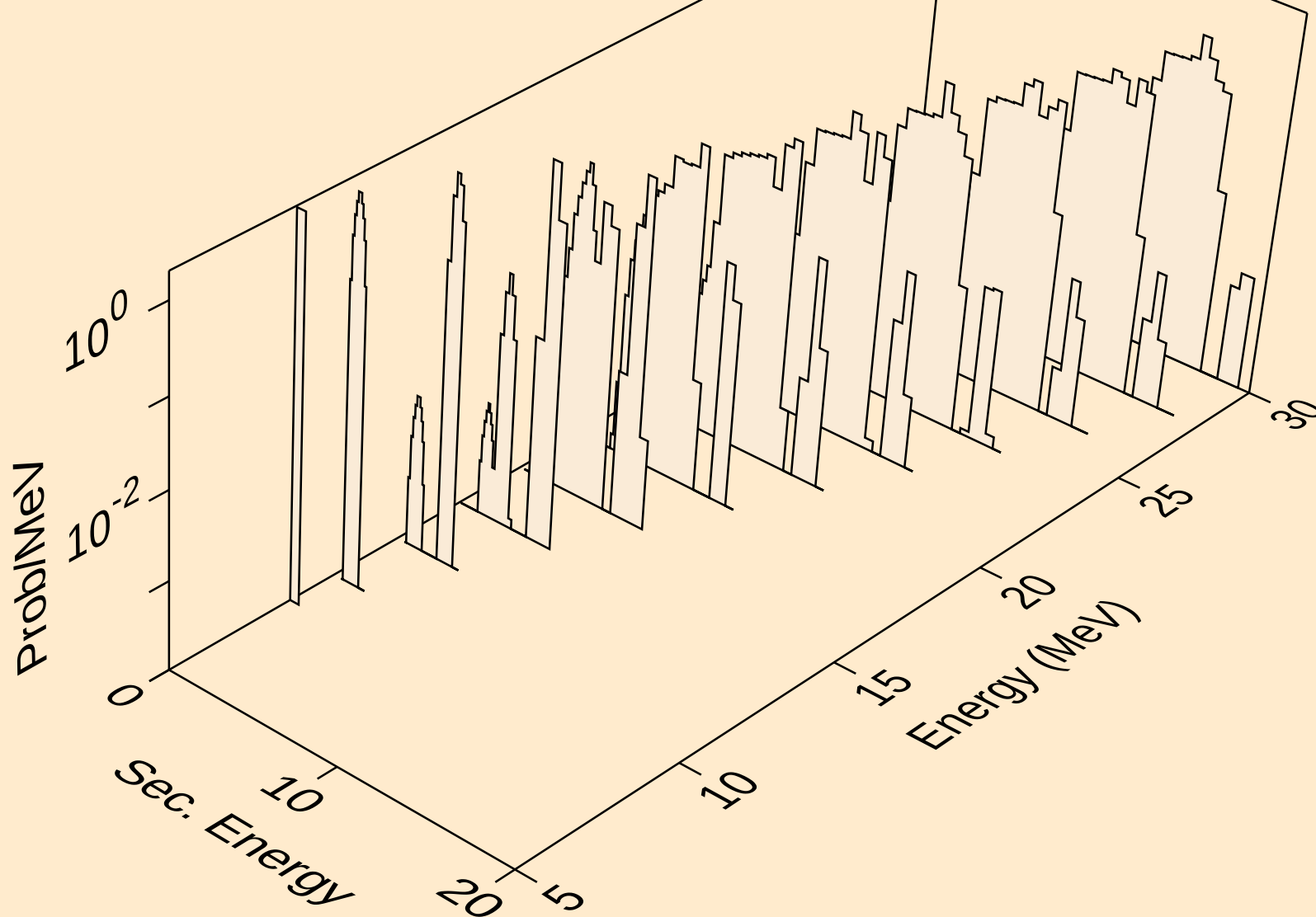
CA052 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,x)



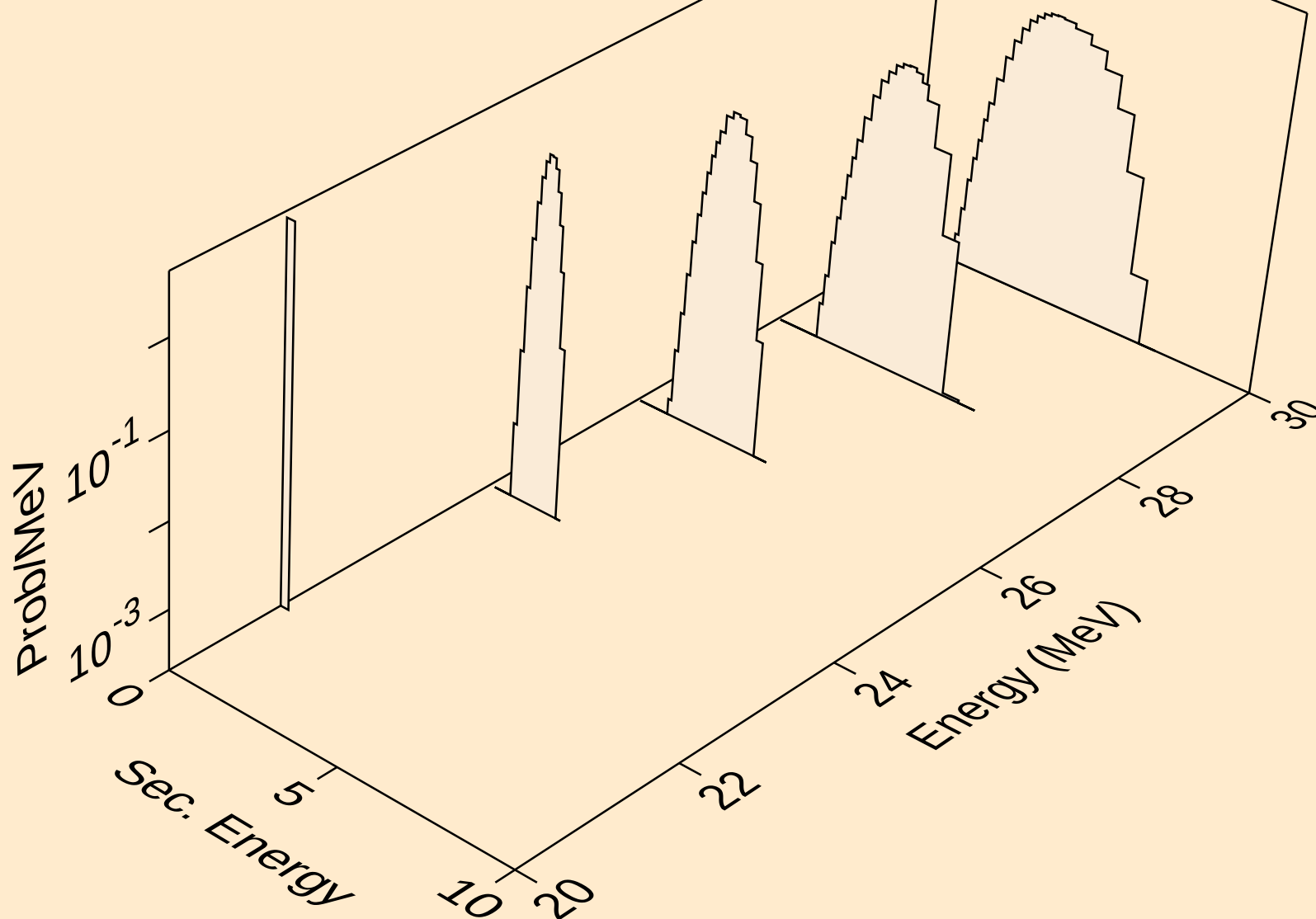
CA052 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,n\*)t



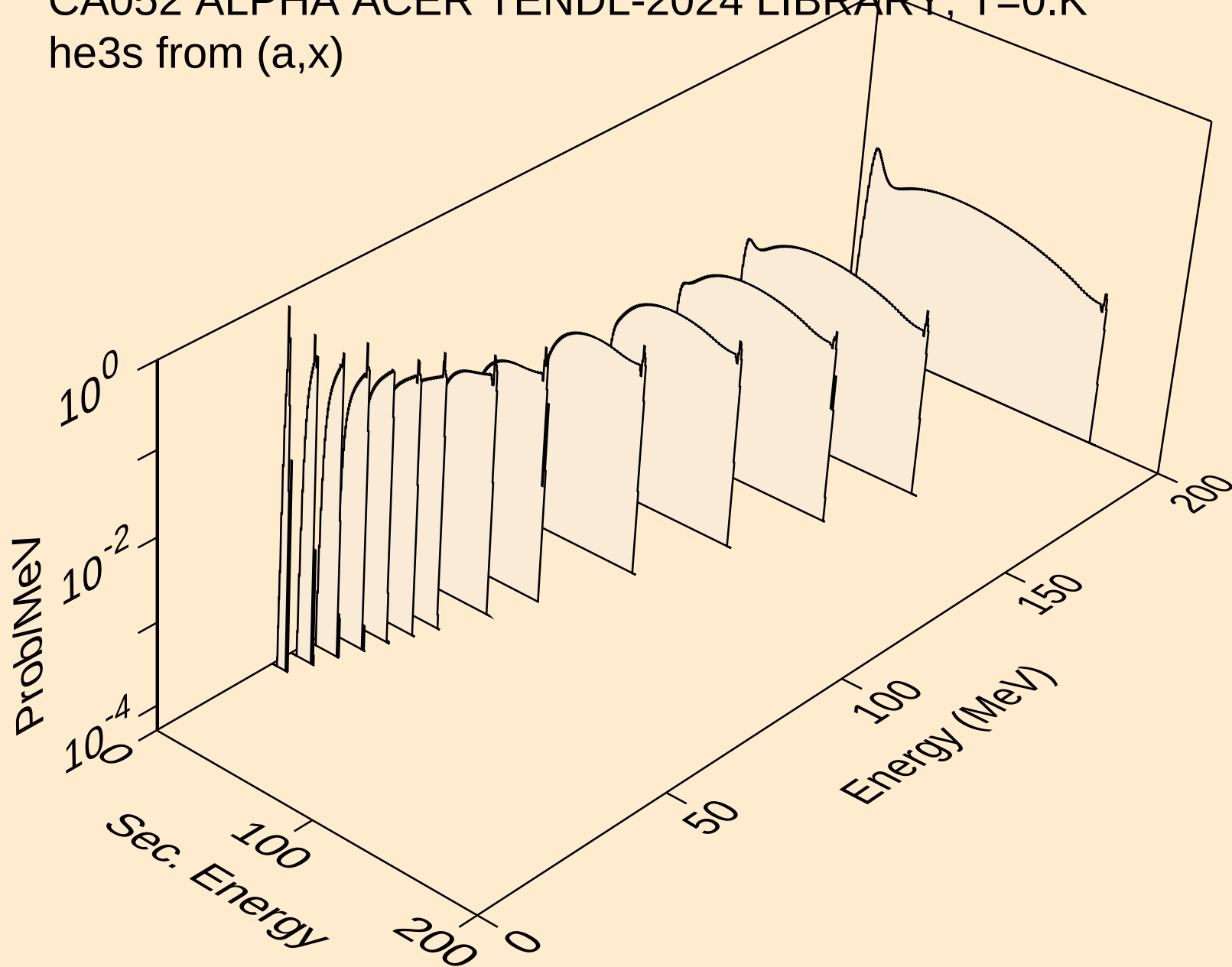
CA052 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,t)



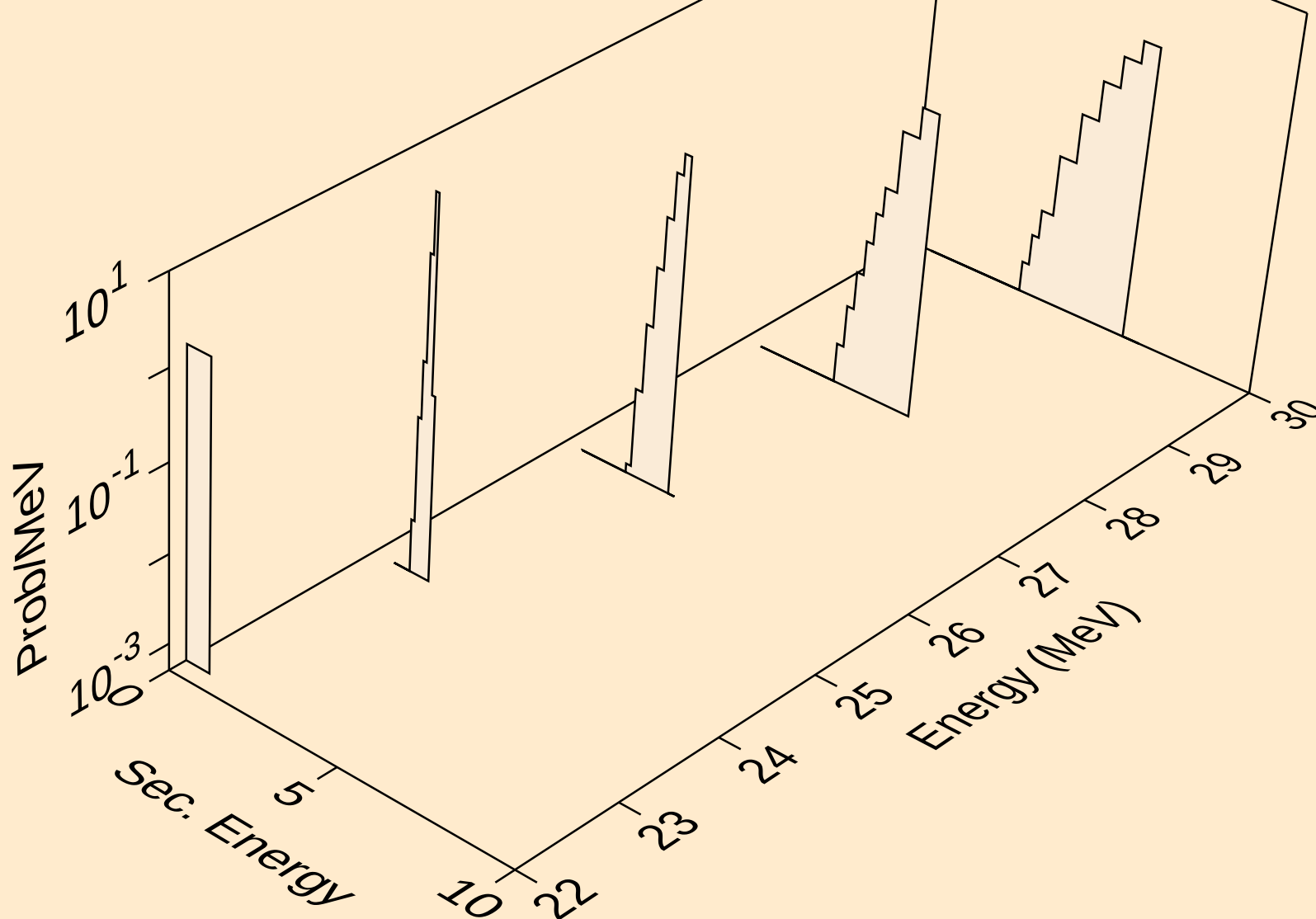
CA052 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,pt)



CA052 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (a,x)



CA052 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (a,n\*)he3



CA052 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (a,he3)

