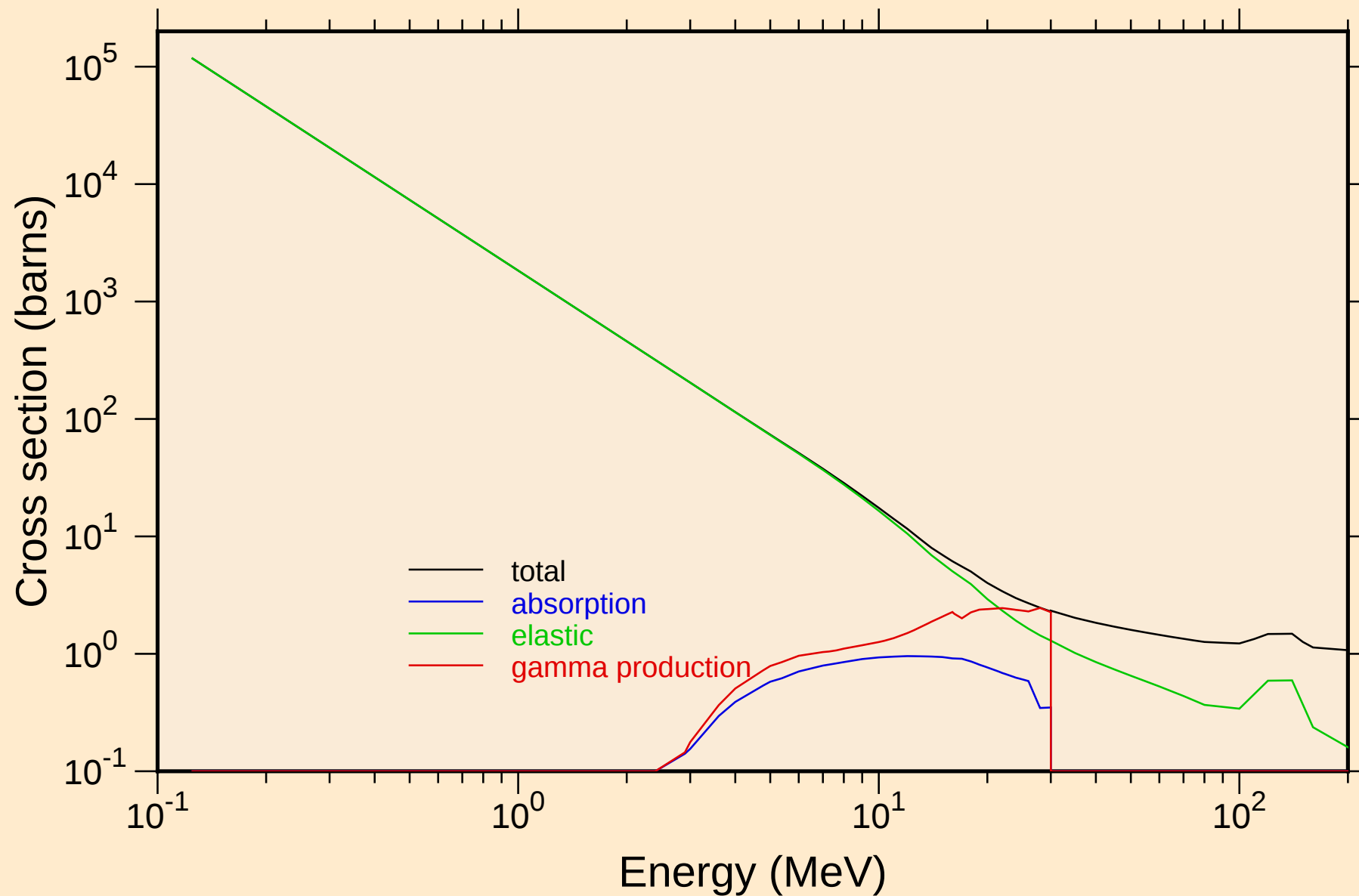


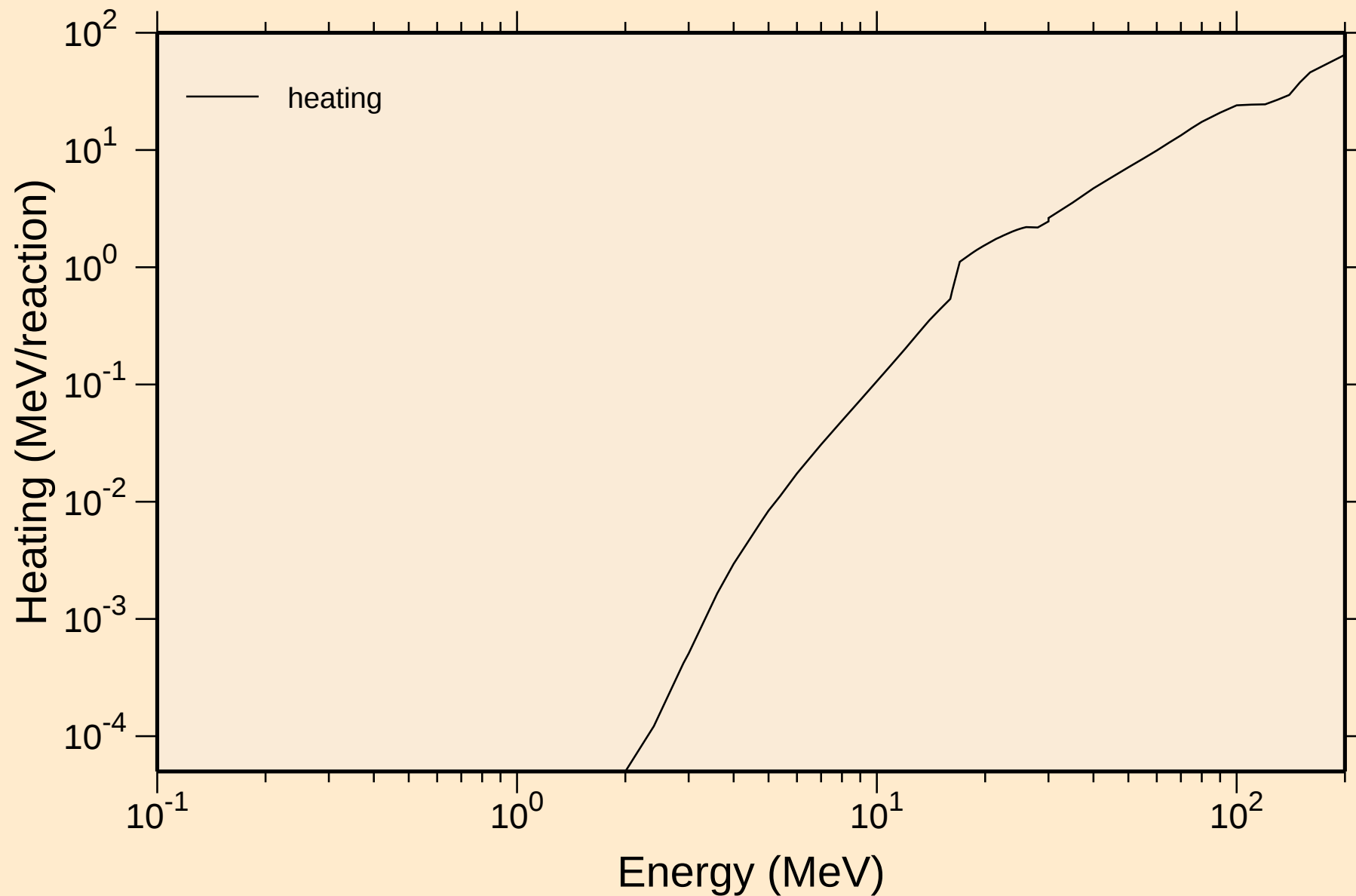
# N017 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



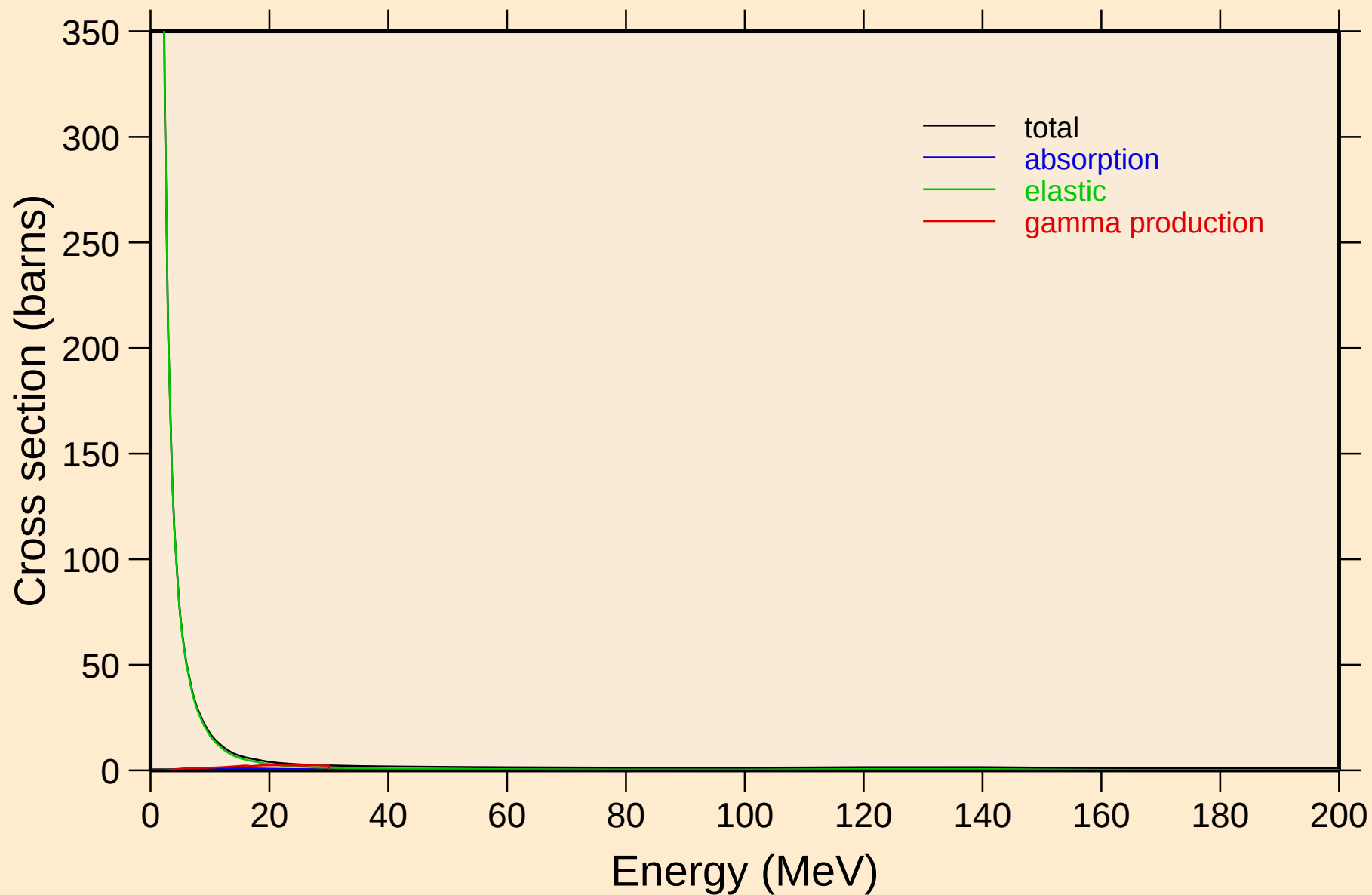
N017 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Heating



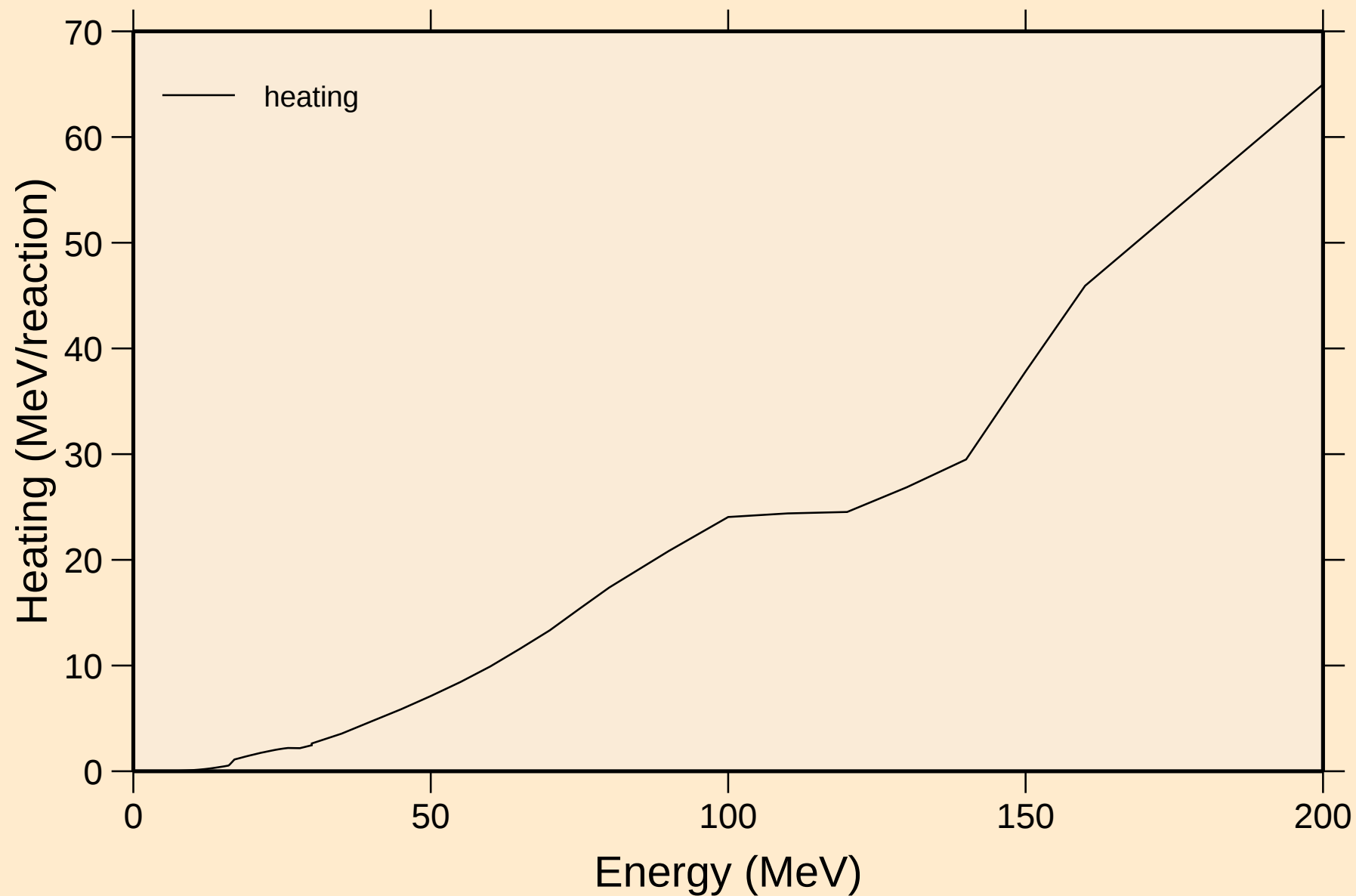
# N017 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



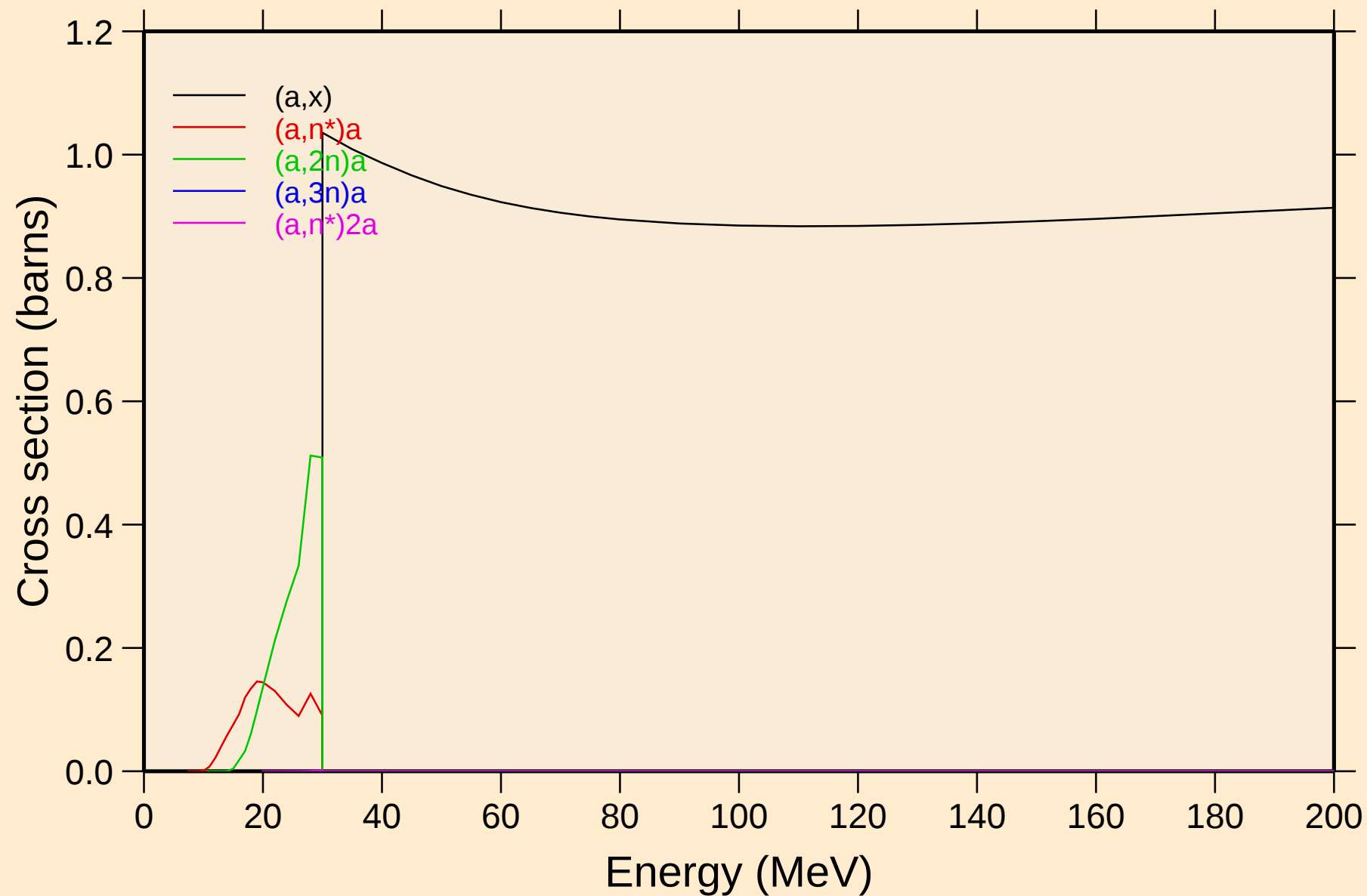
N017 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Heating



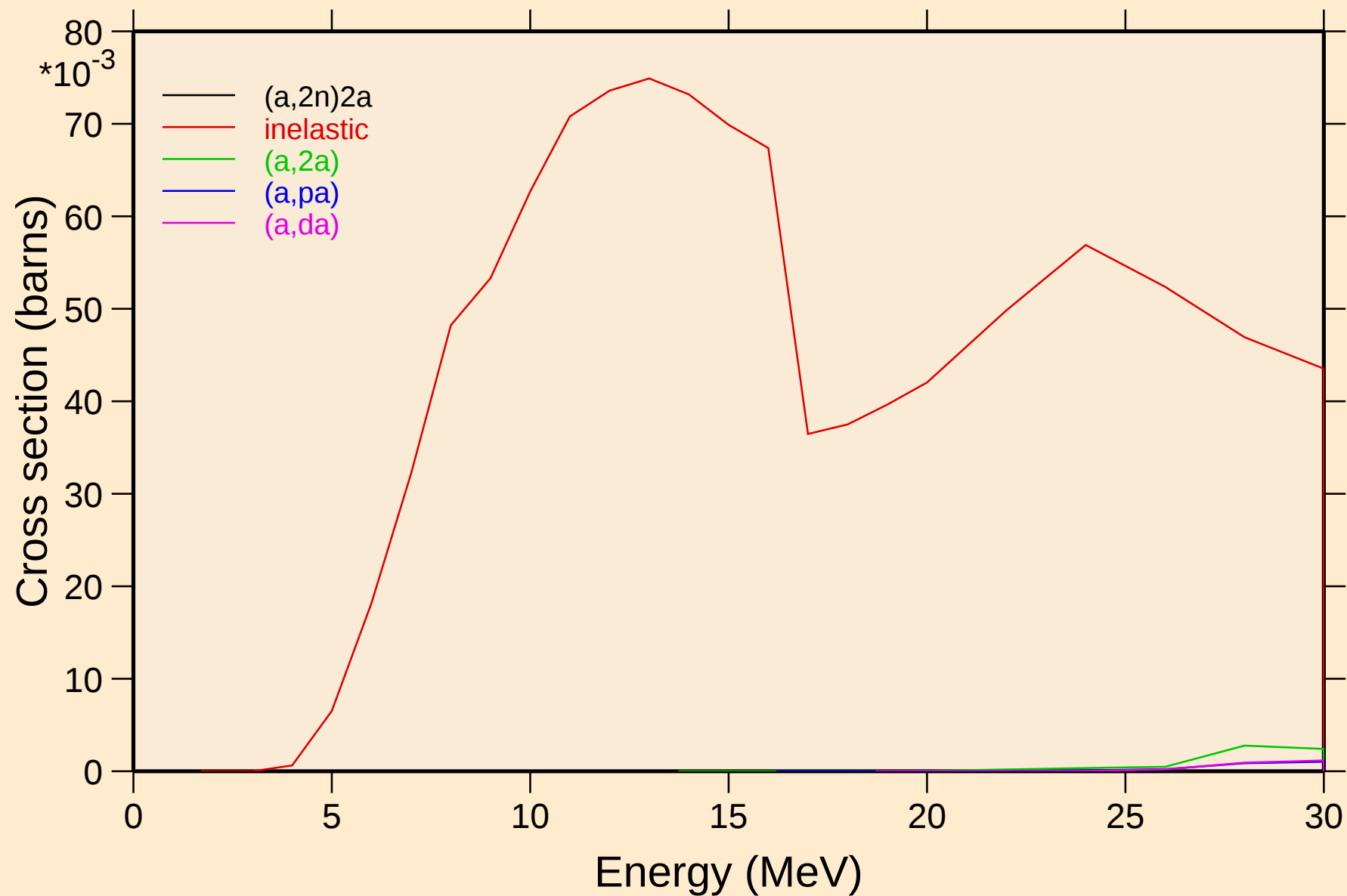
# N017 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

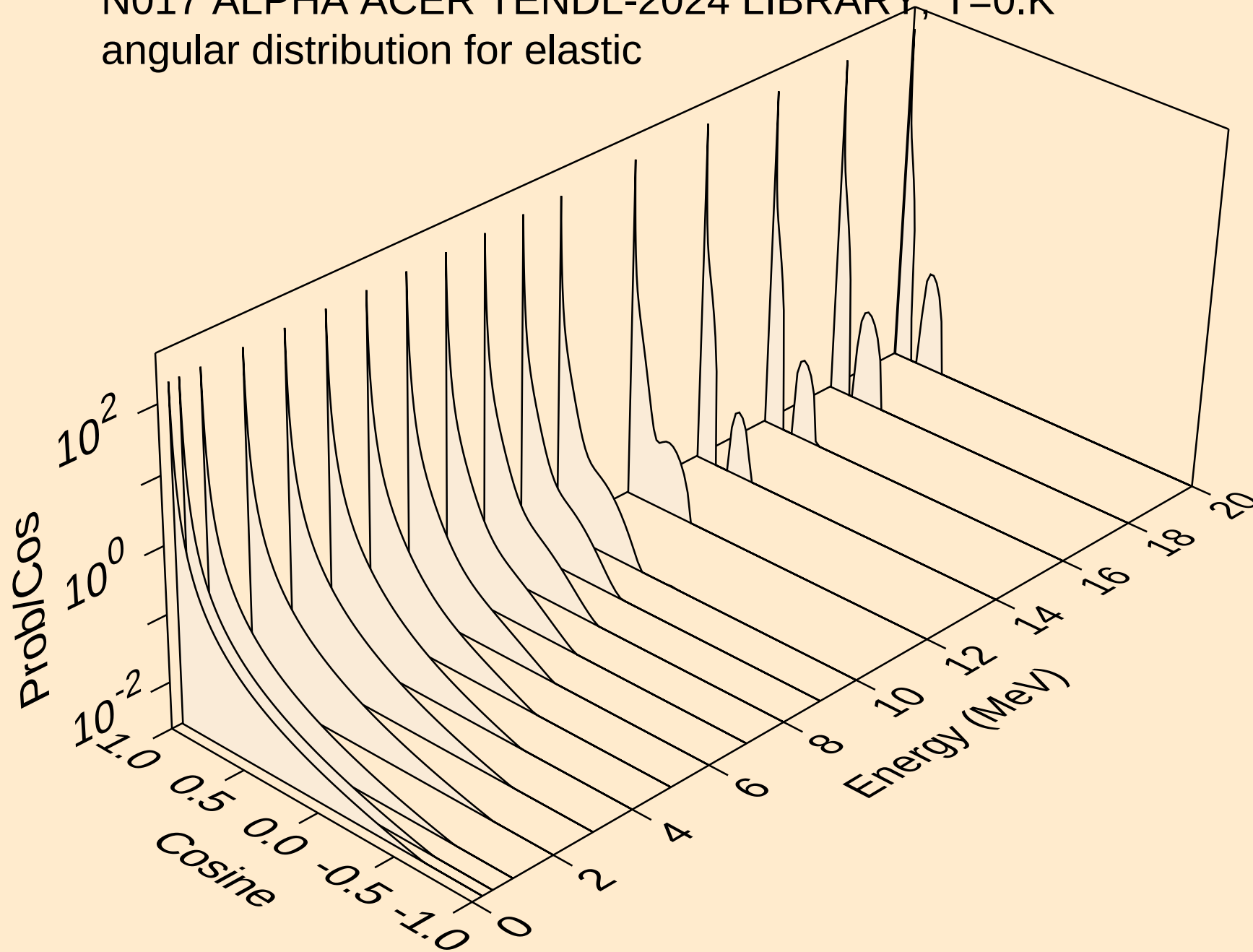


# N017 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

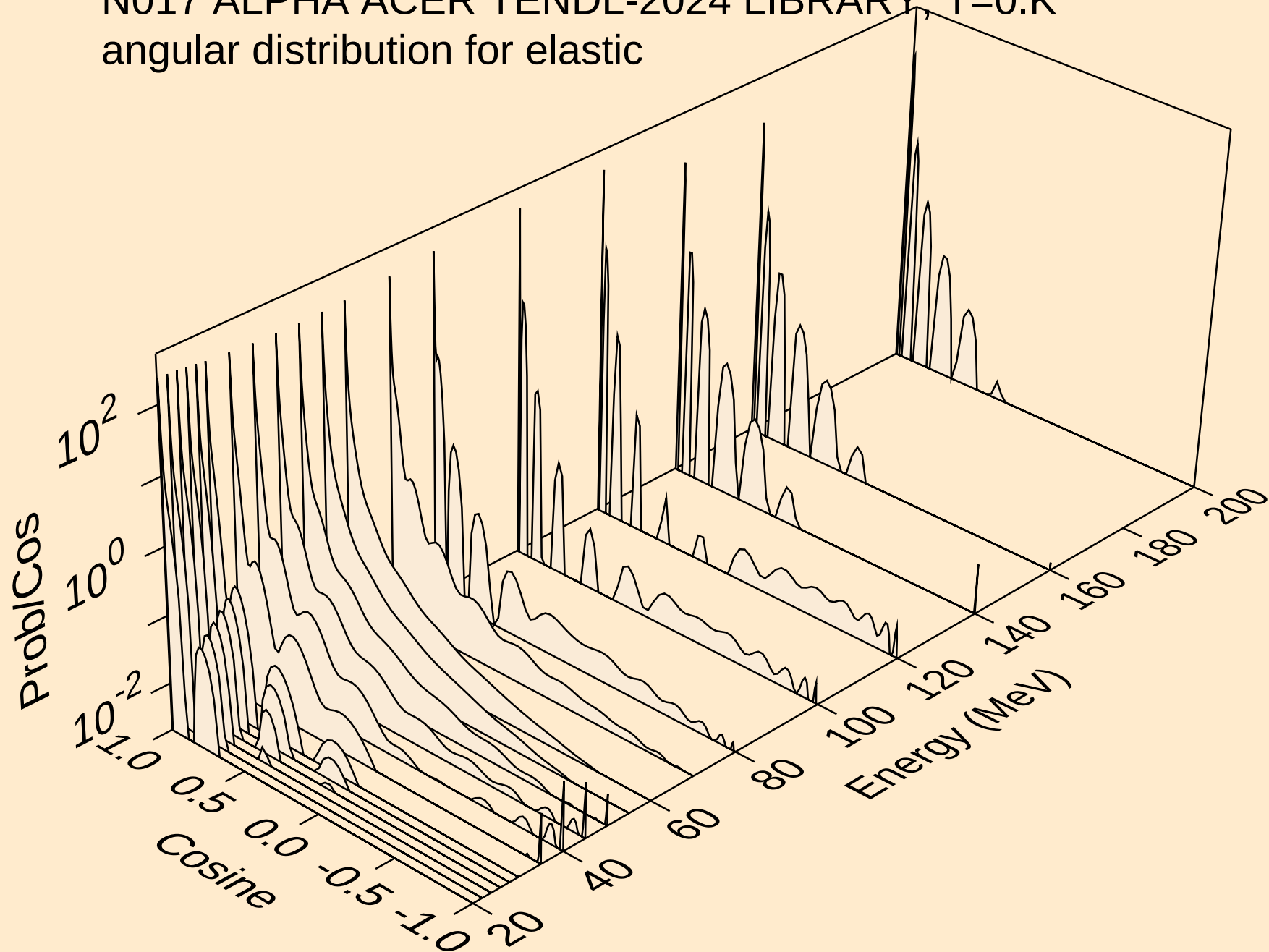
## Threshold reactions



N017 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

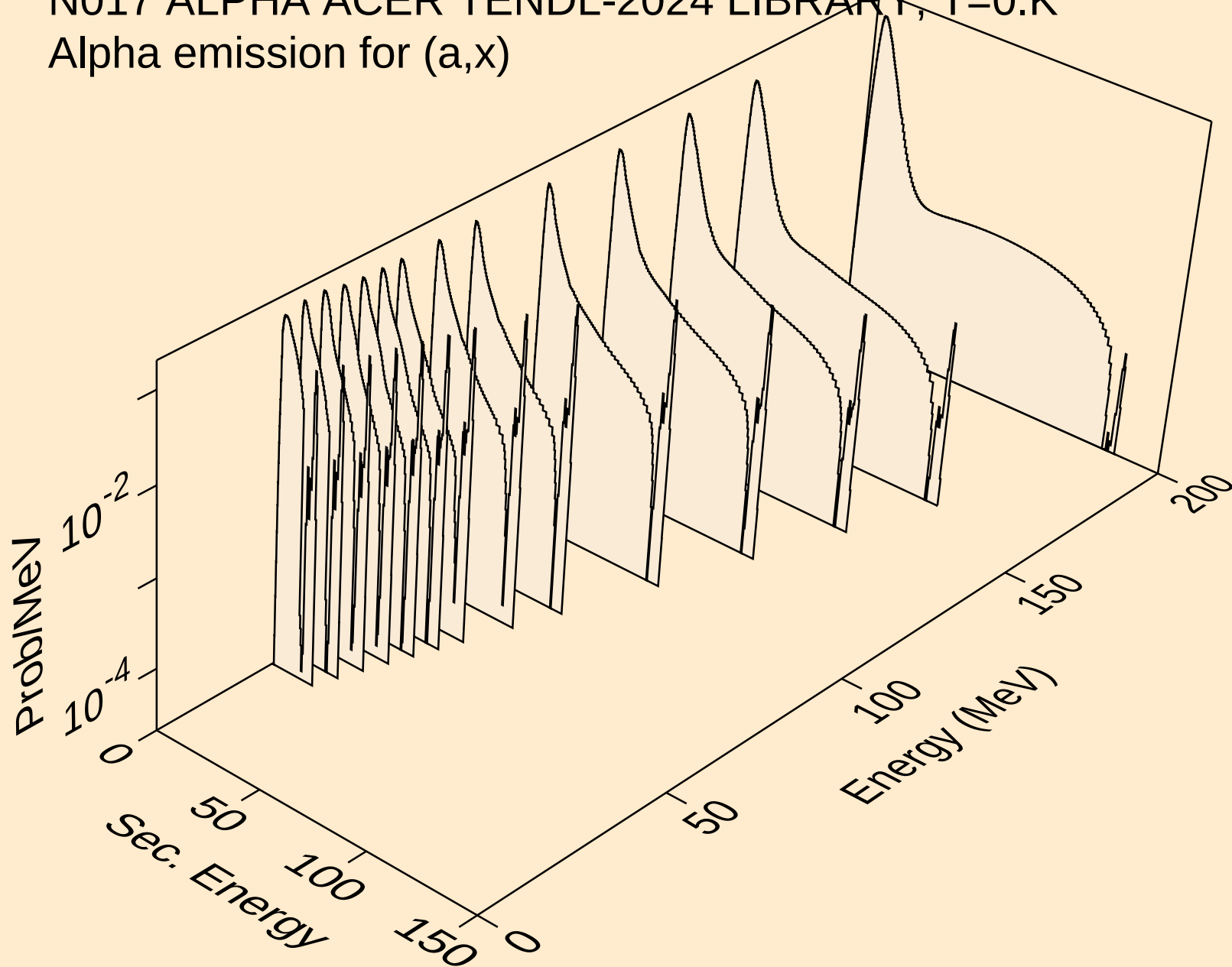


N017 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



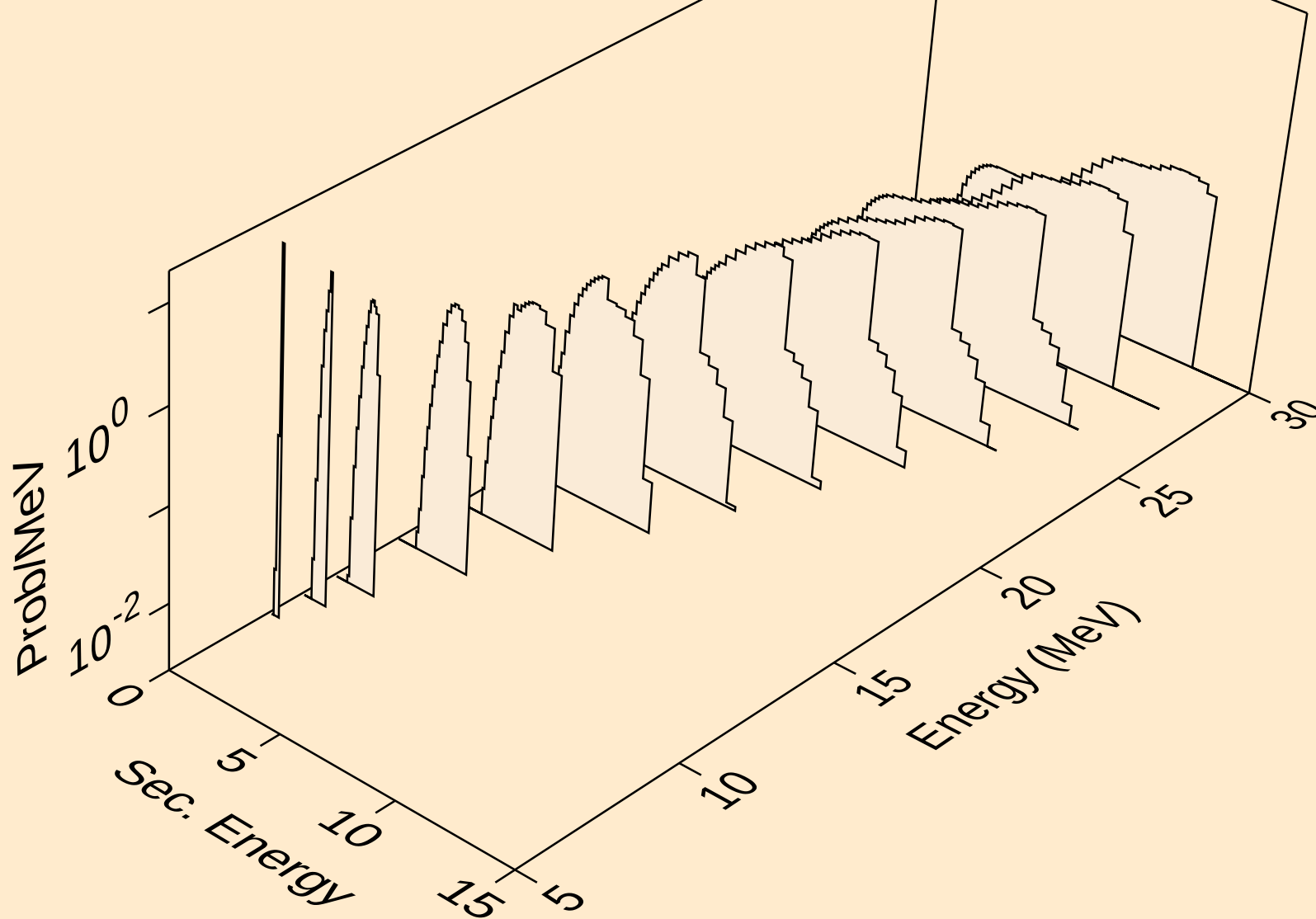
N017 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,x)



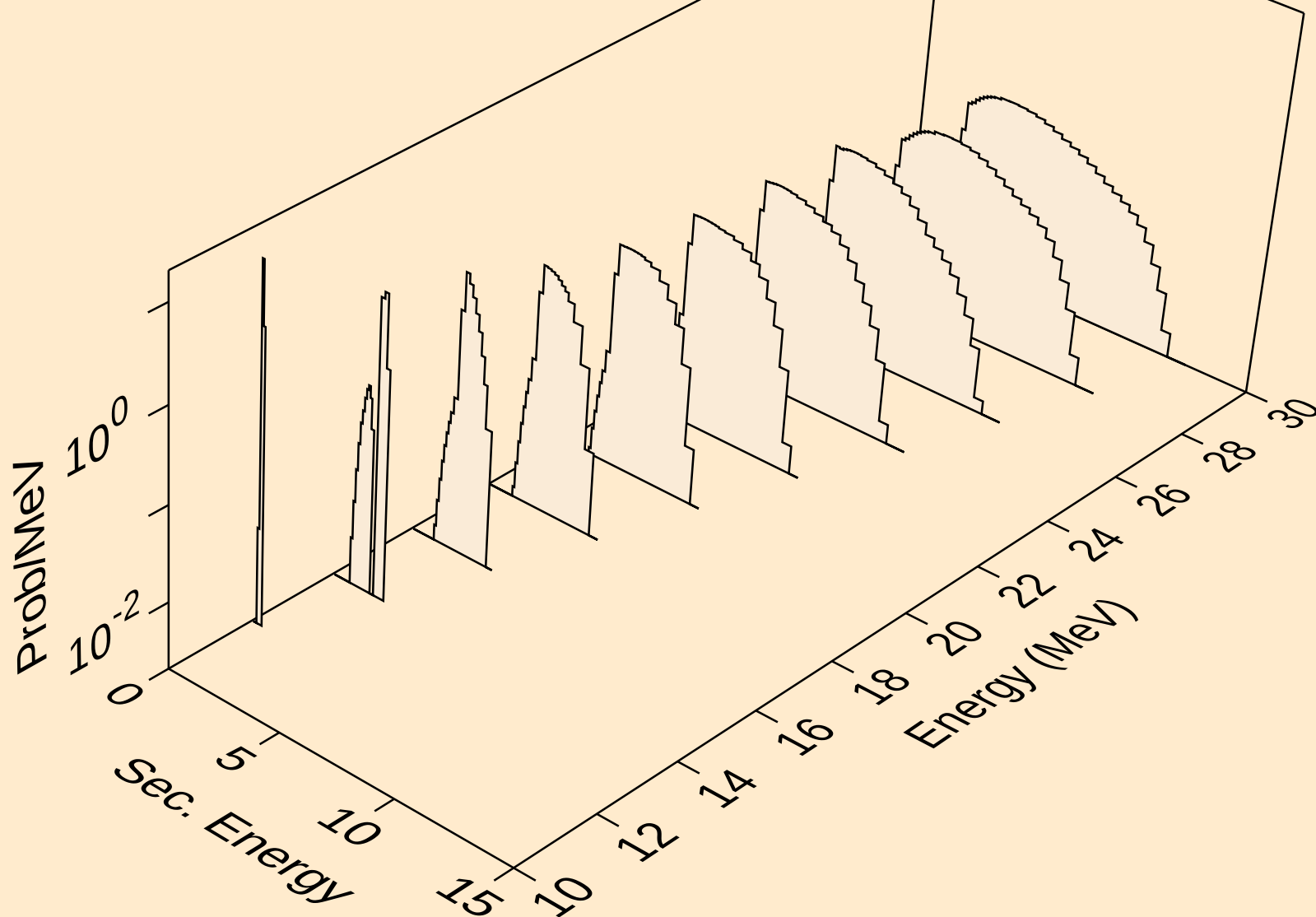
N017 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,n\*)a



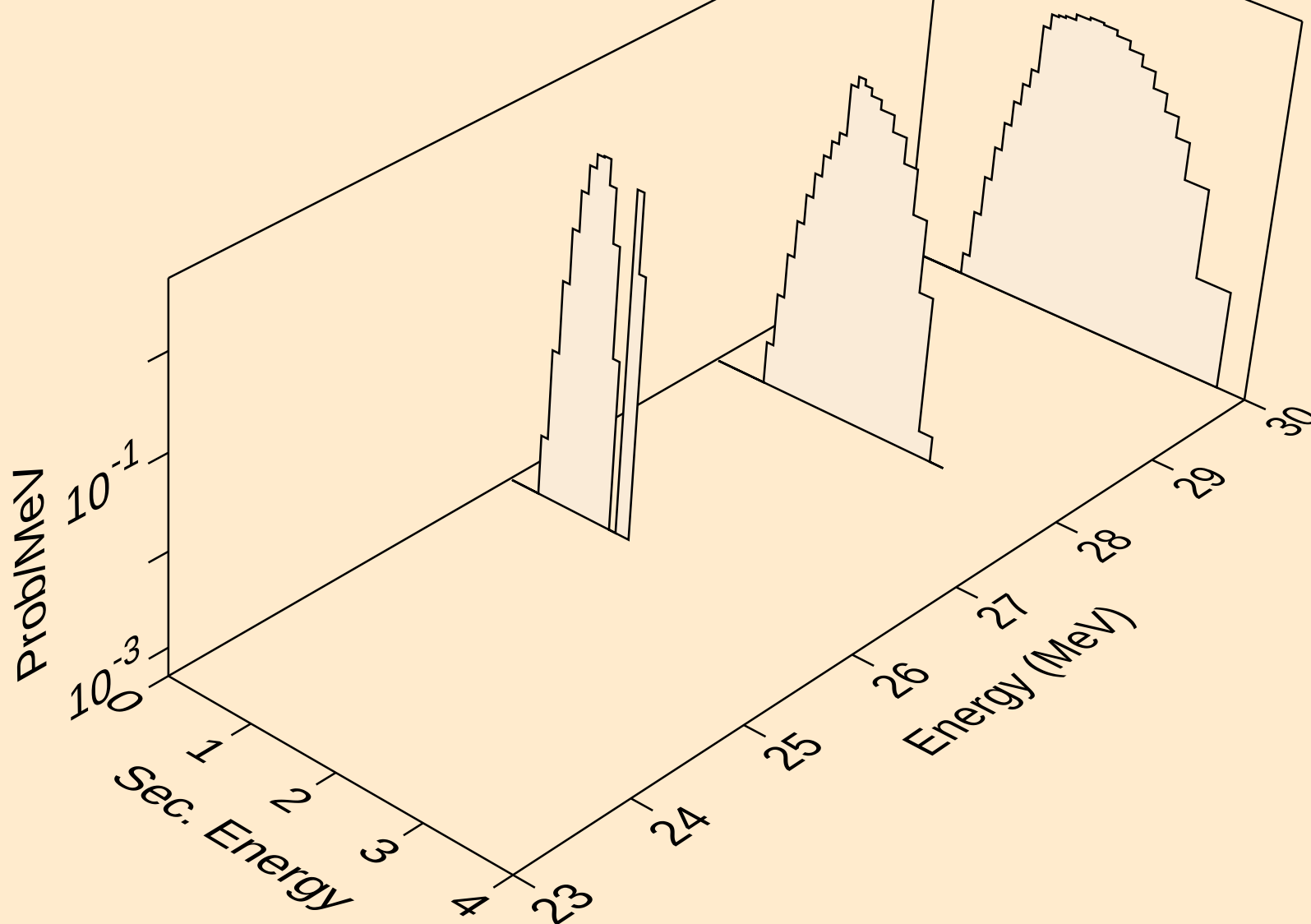
N017 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,2n)a

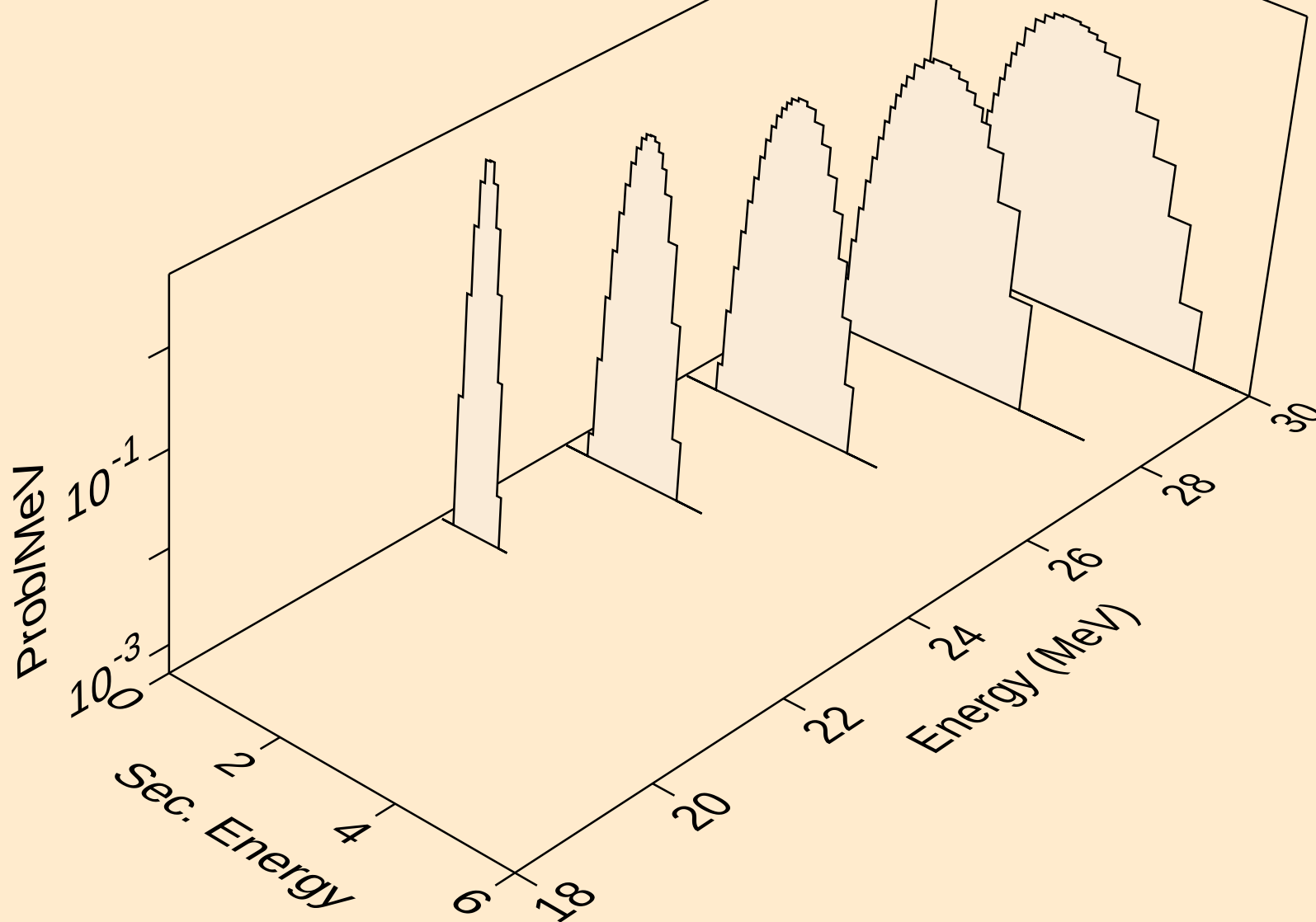


N017 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,3n)a

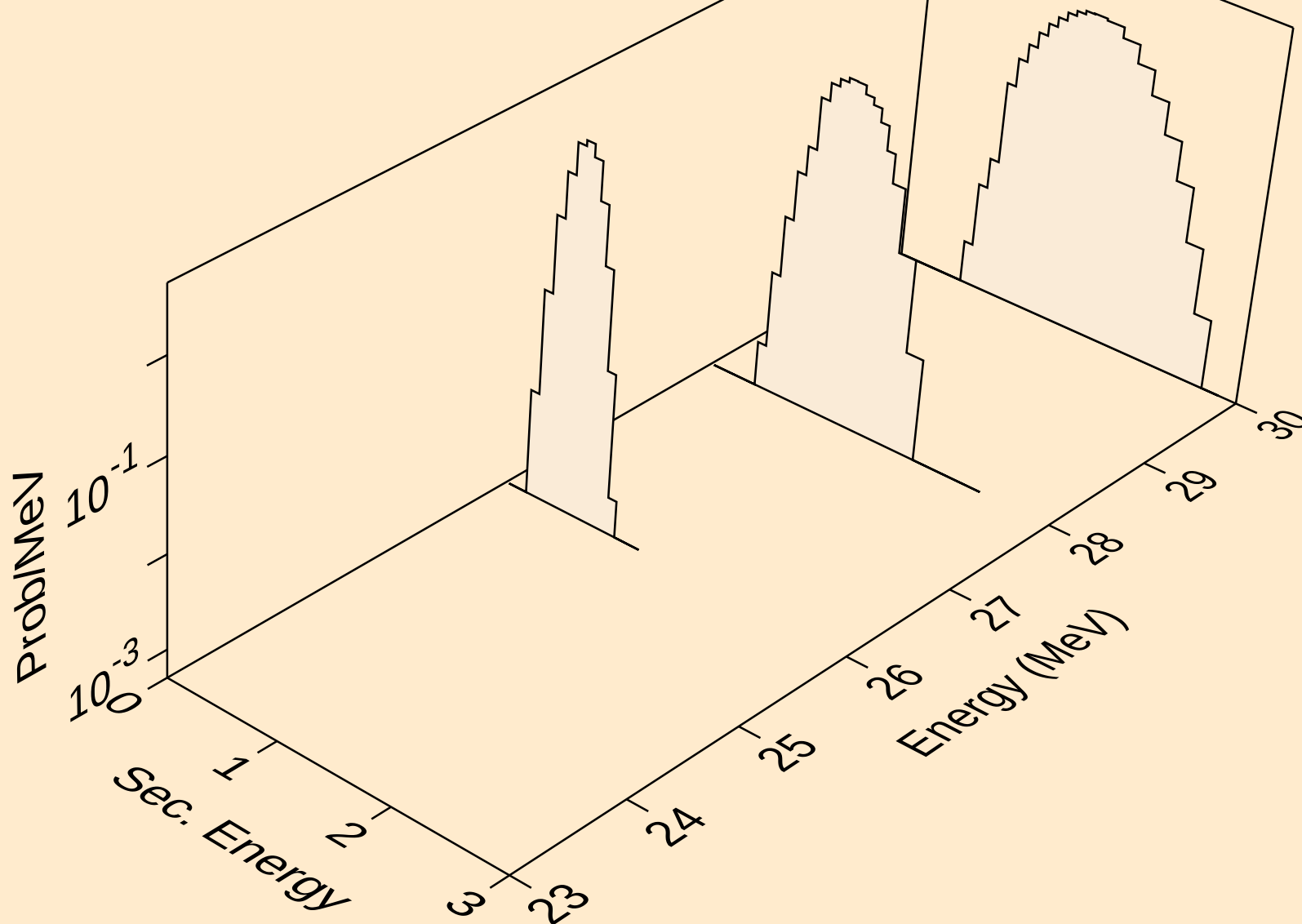


N017 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,n\*)2a



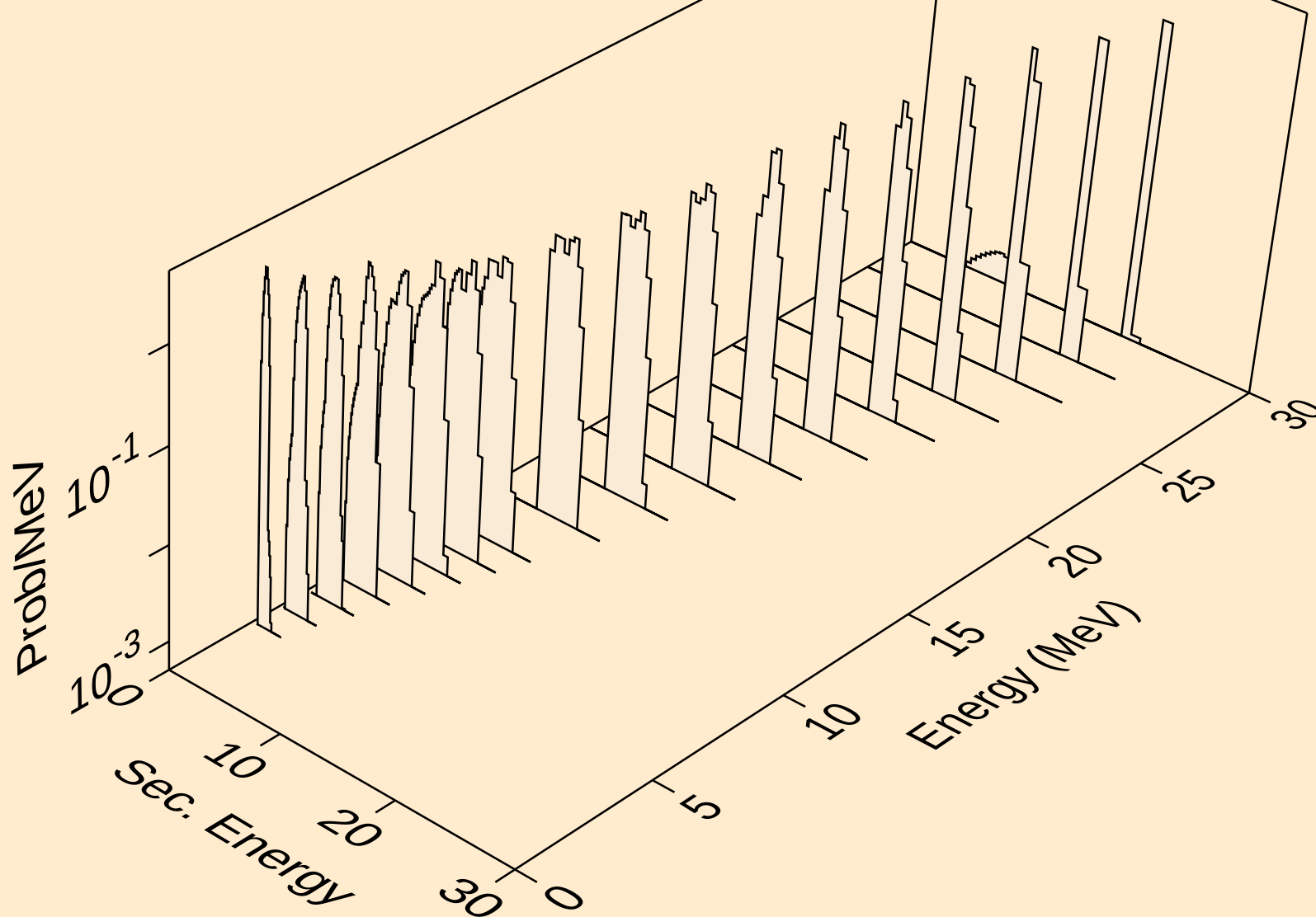
N017 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,2n)2a

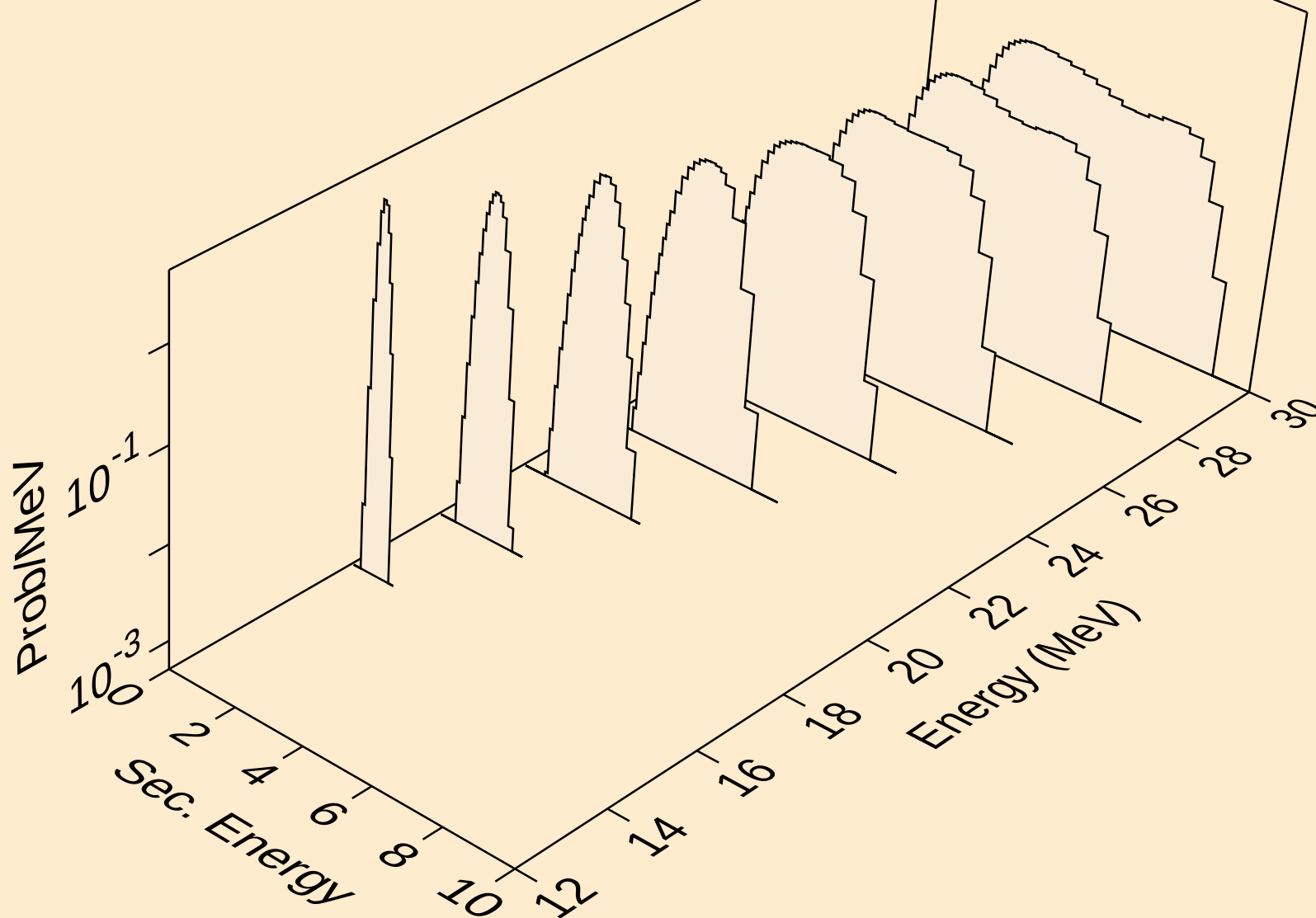


N017 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

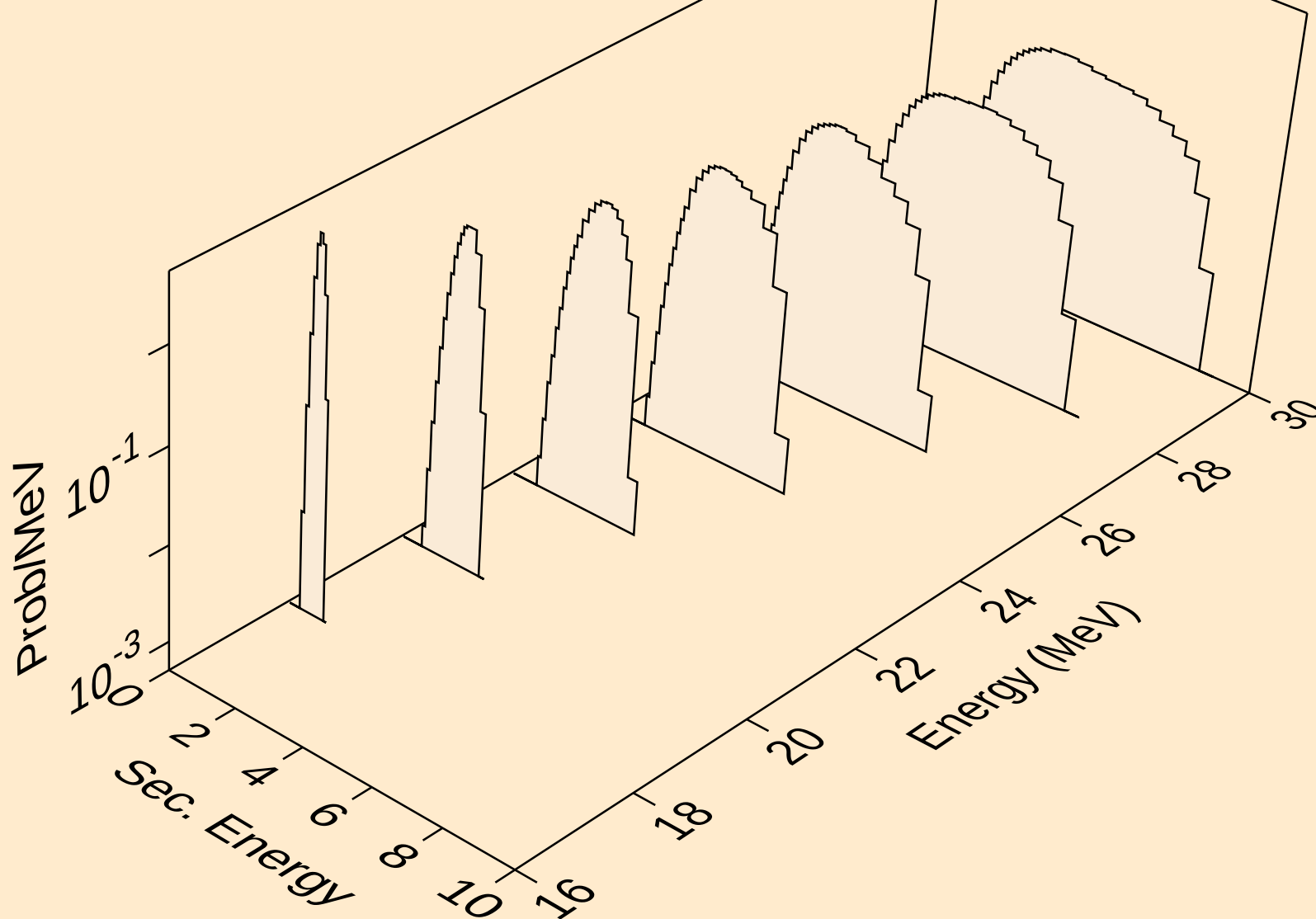
Alpha emission for inelastic



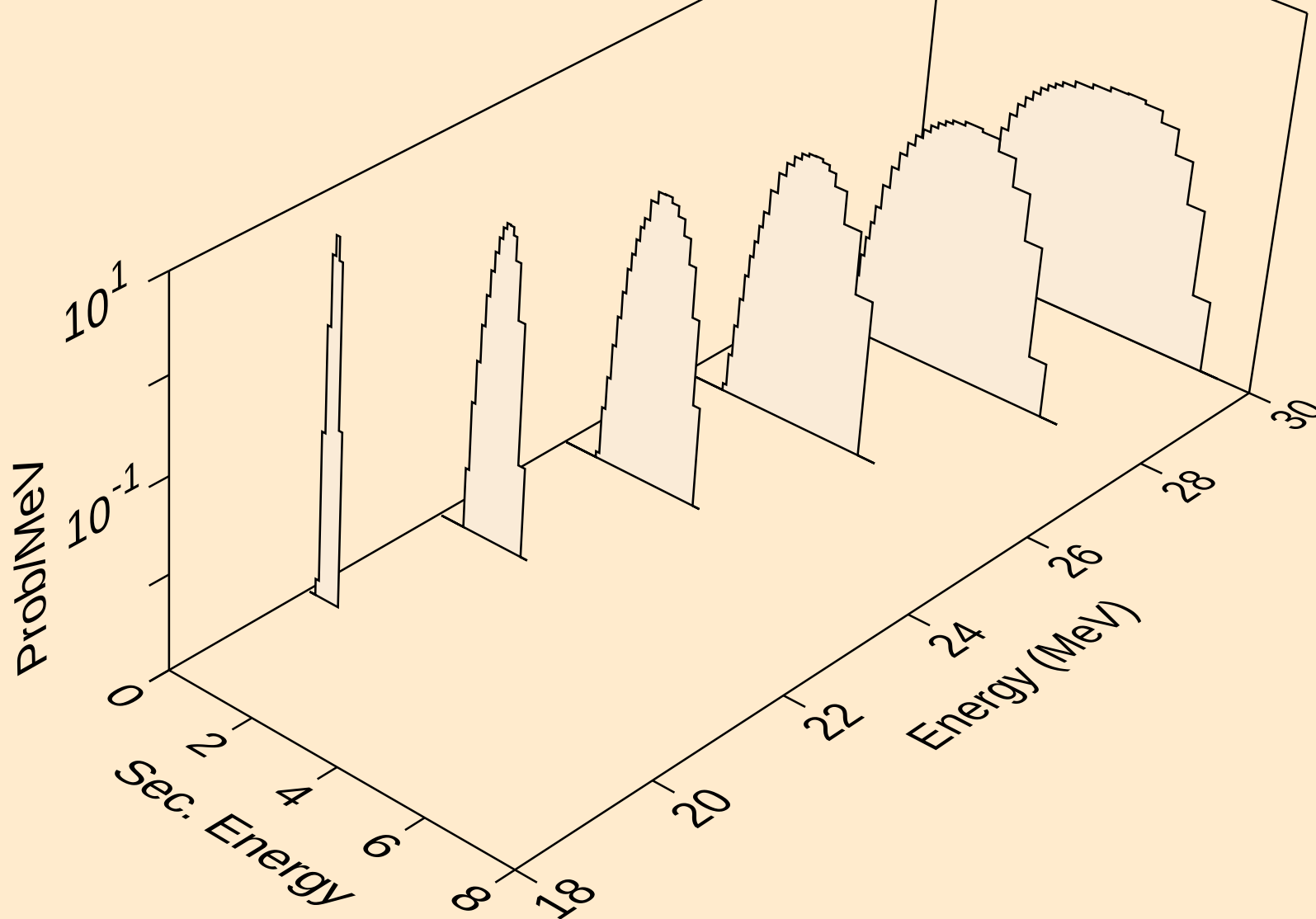
N017 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,2a)



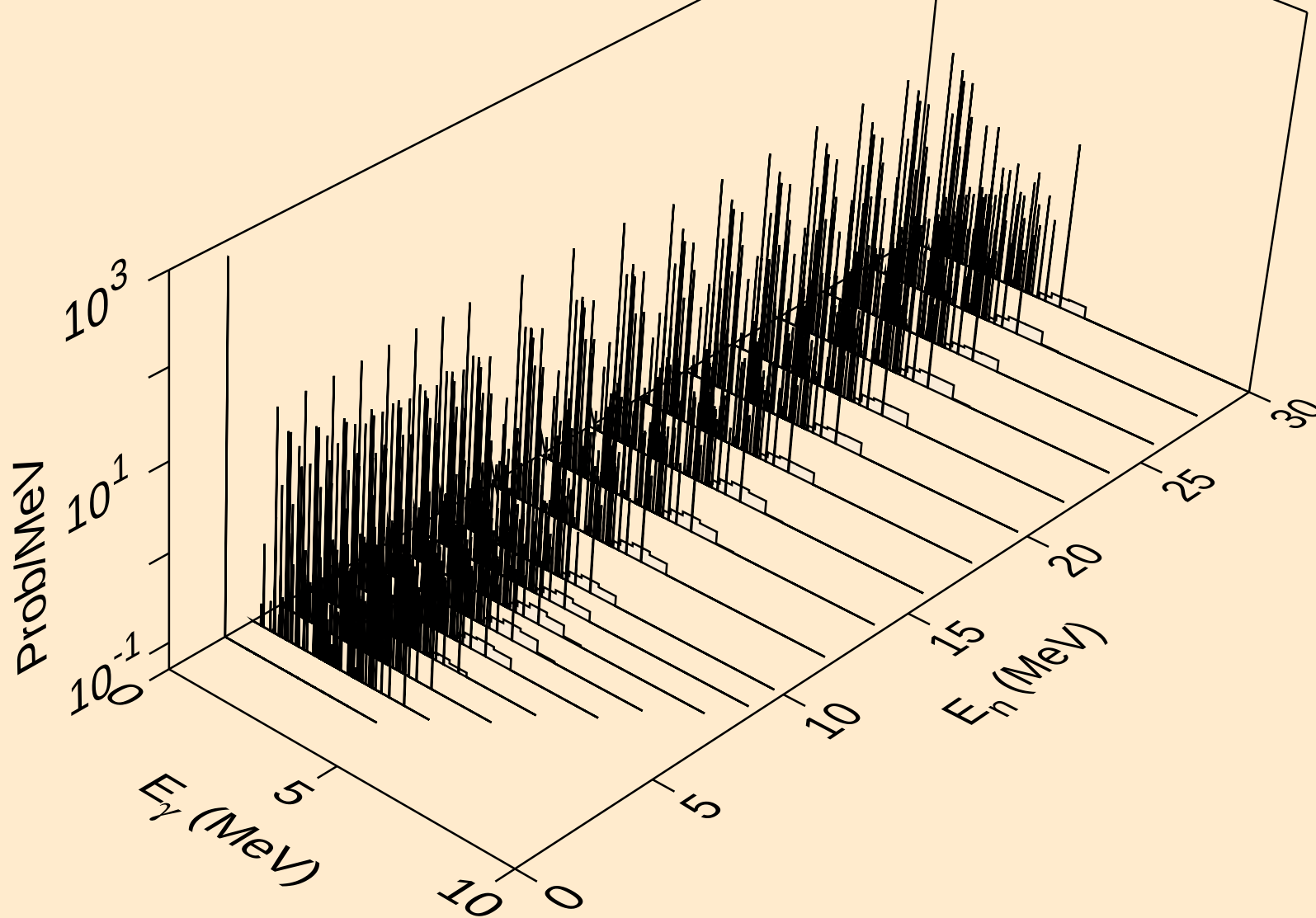
N017 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,pa)



N017 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,da)

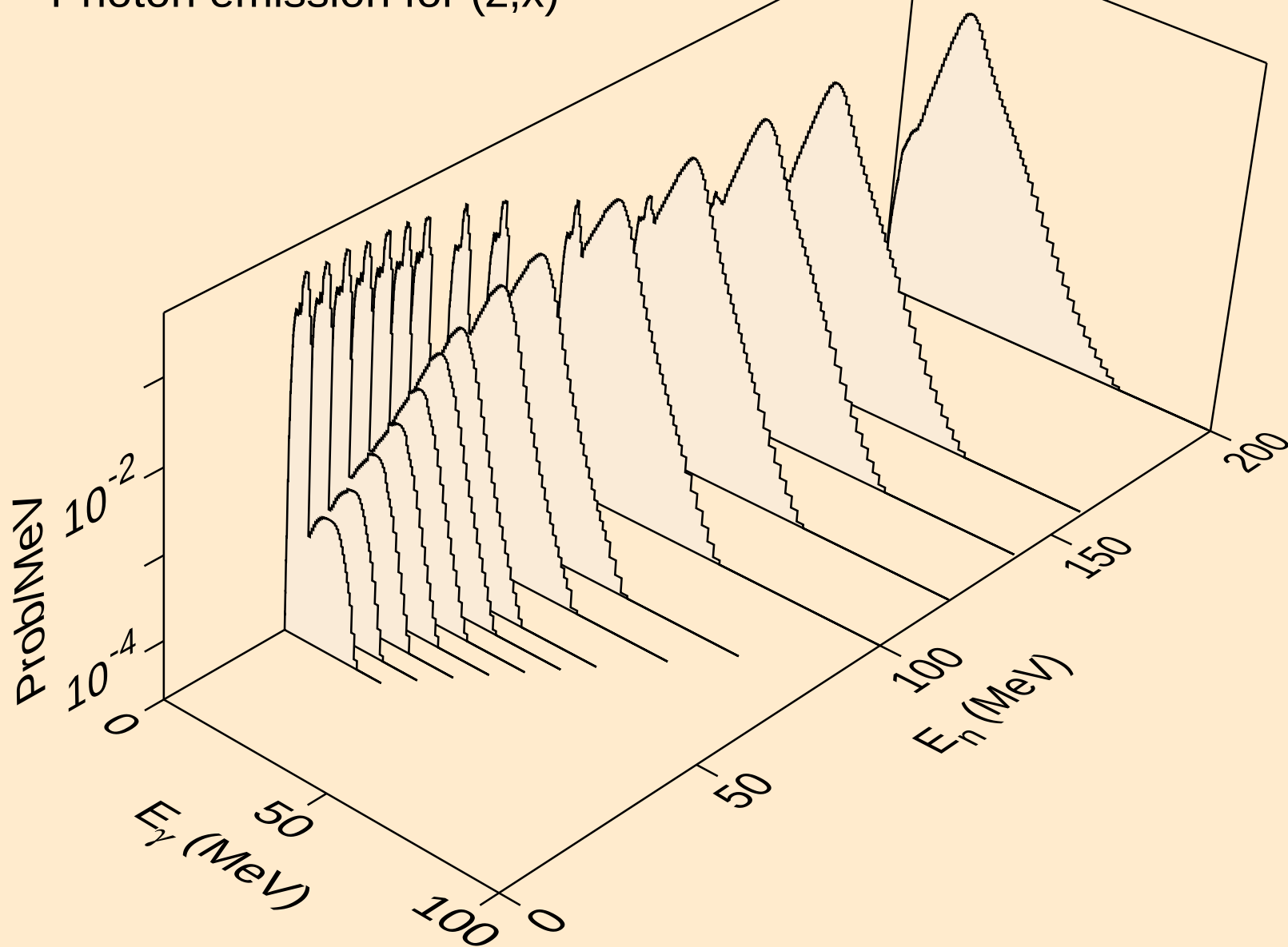


N017 ALPHA ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (z,n)



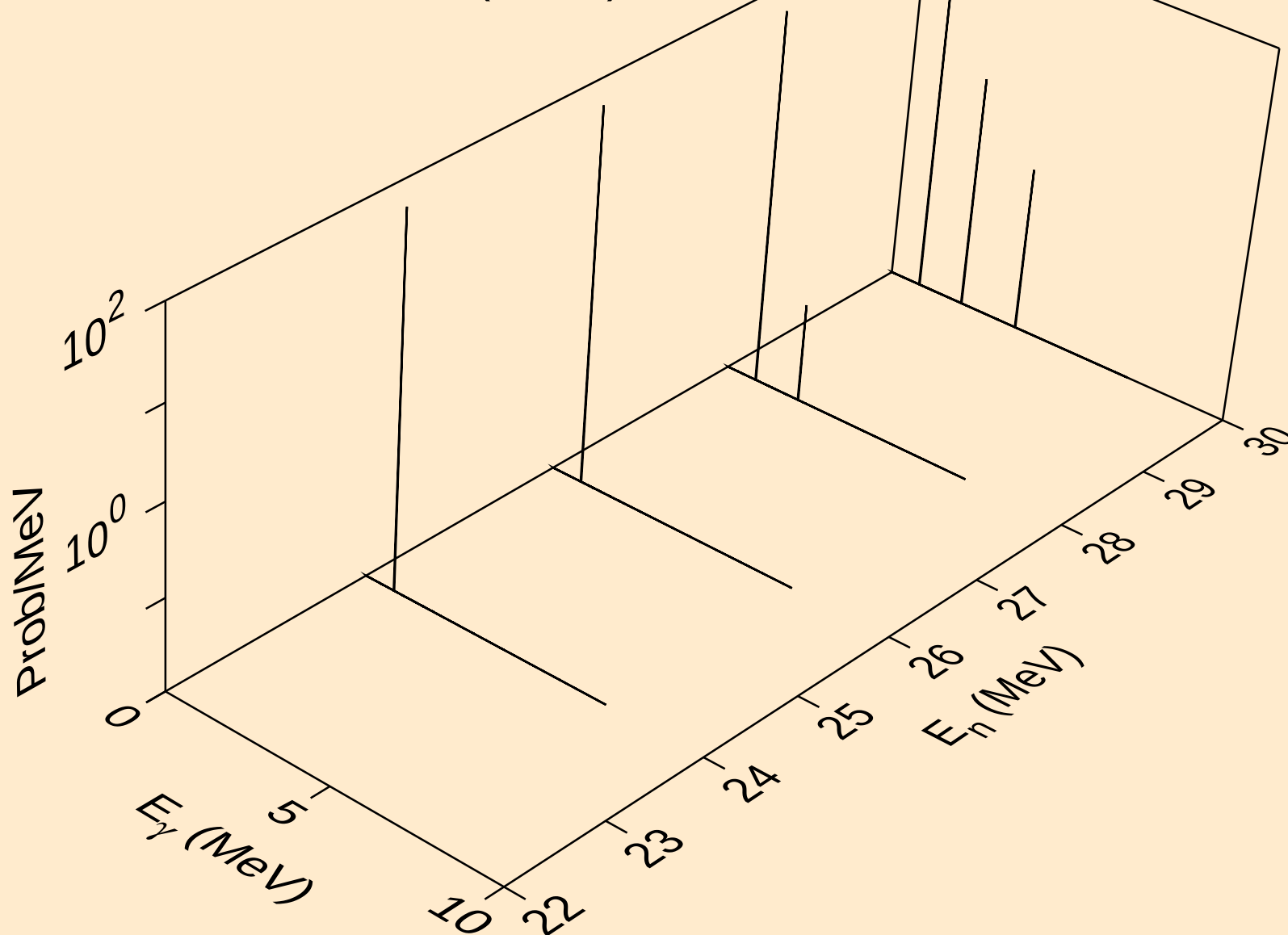
N017 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (z,x)

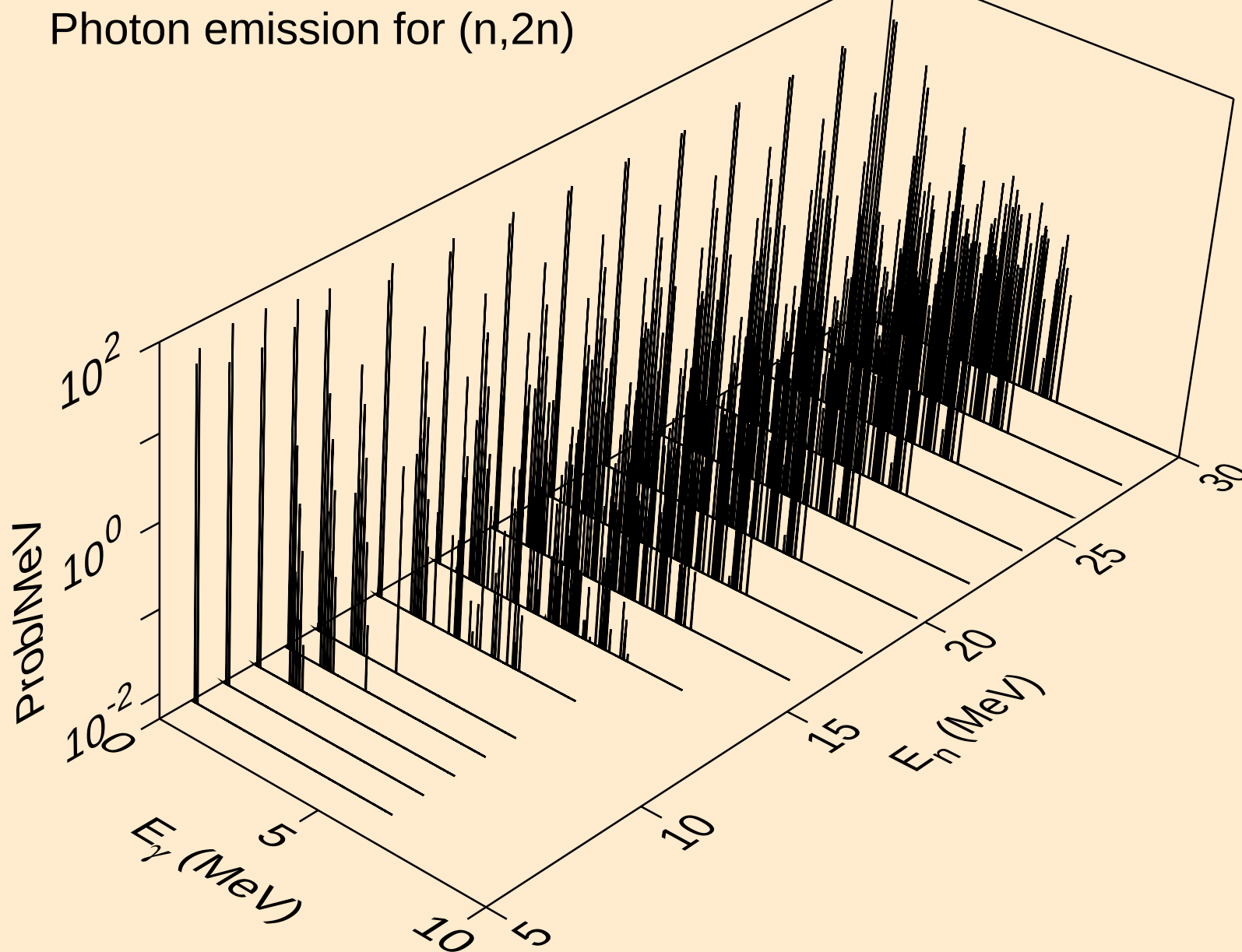


N017 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

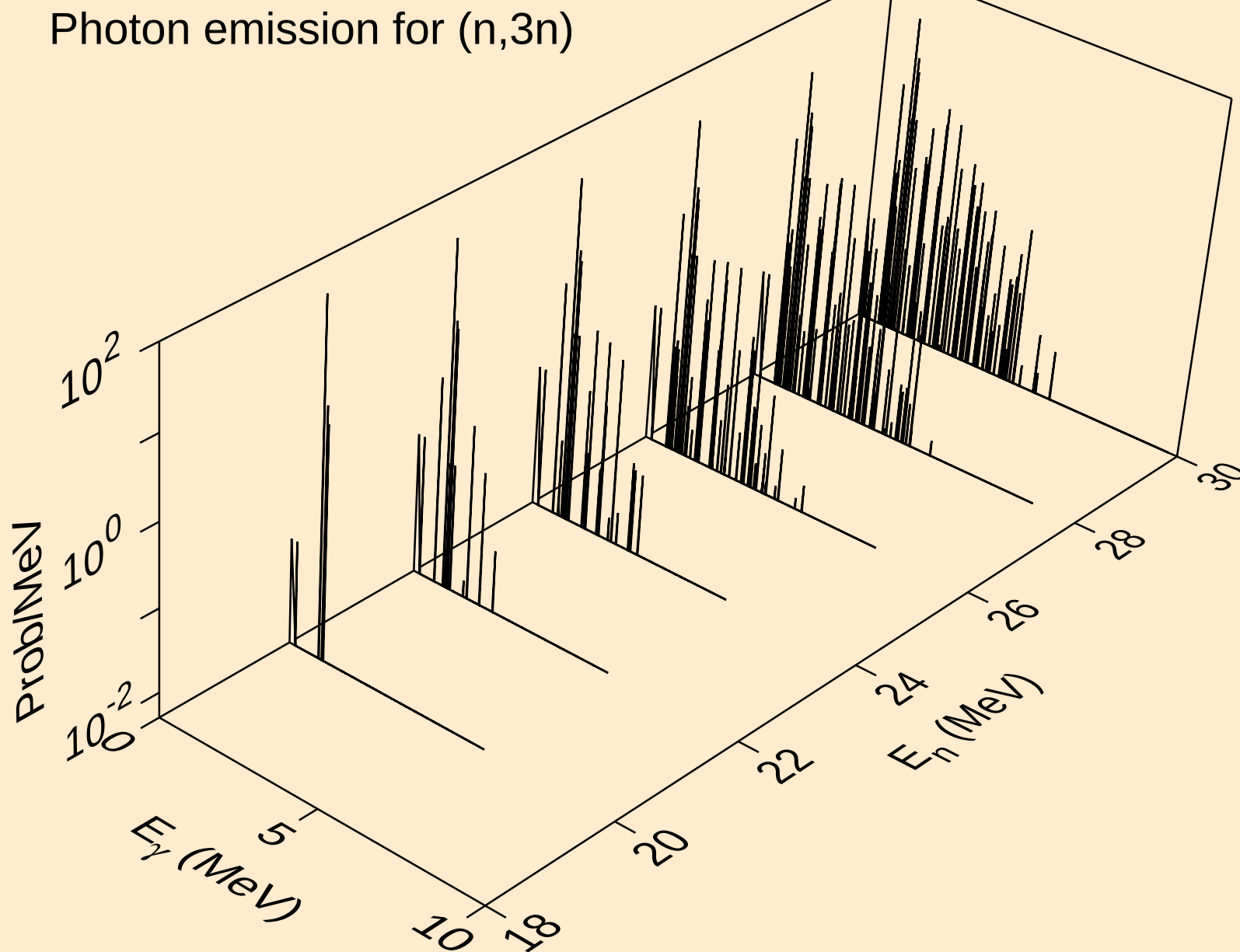
Photon emission for (n,2nd)



N017 ALPHA ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,2n)

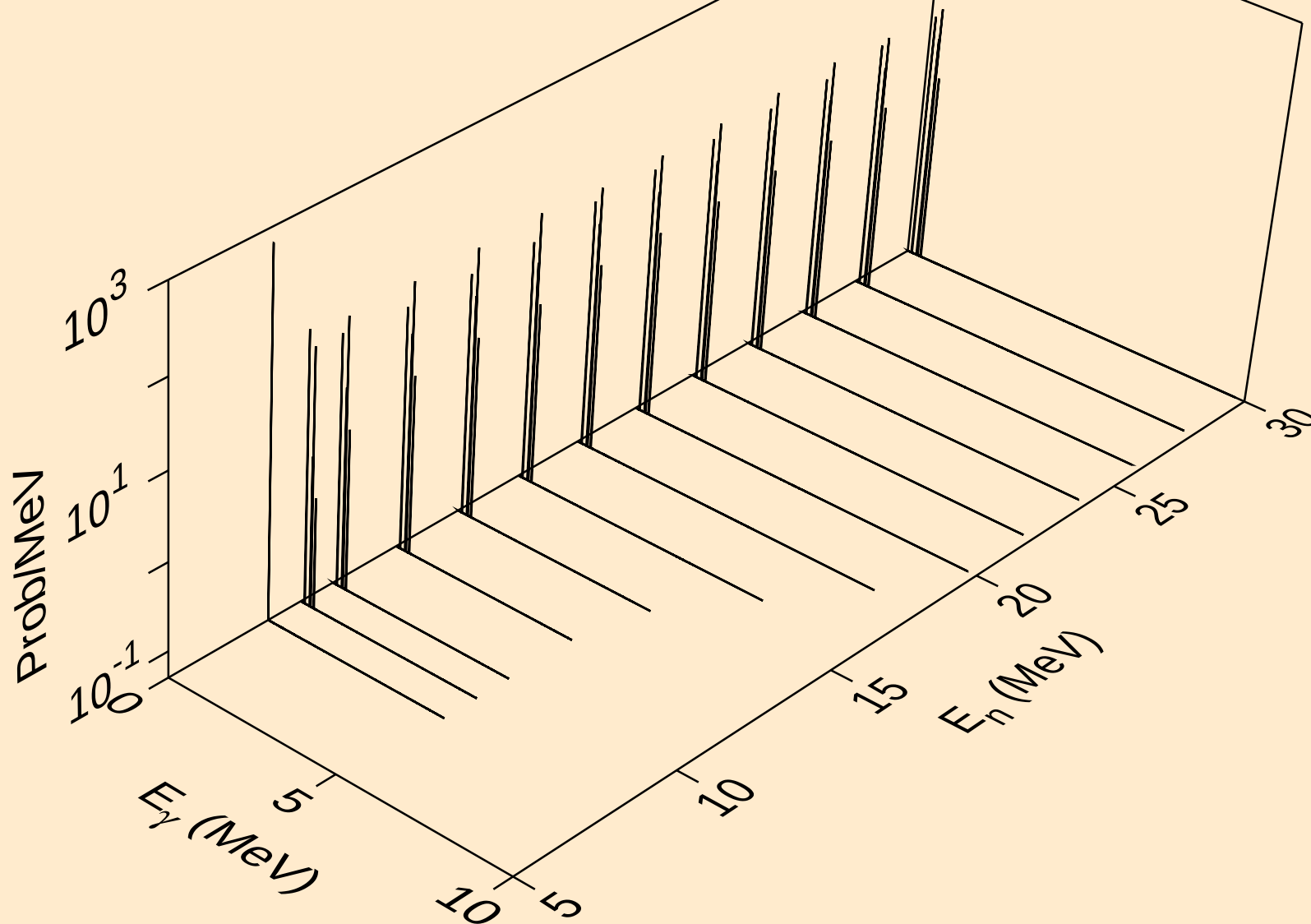


N017 ALPHA ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,3n)



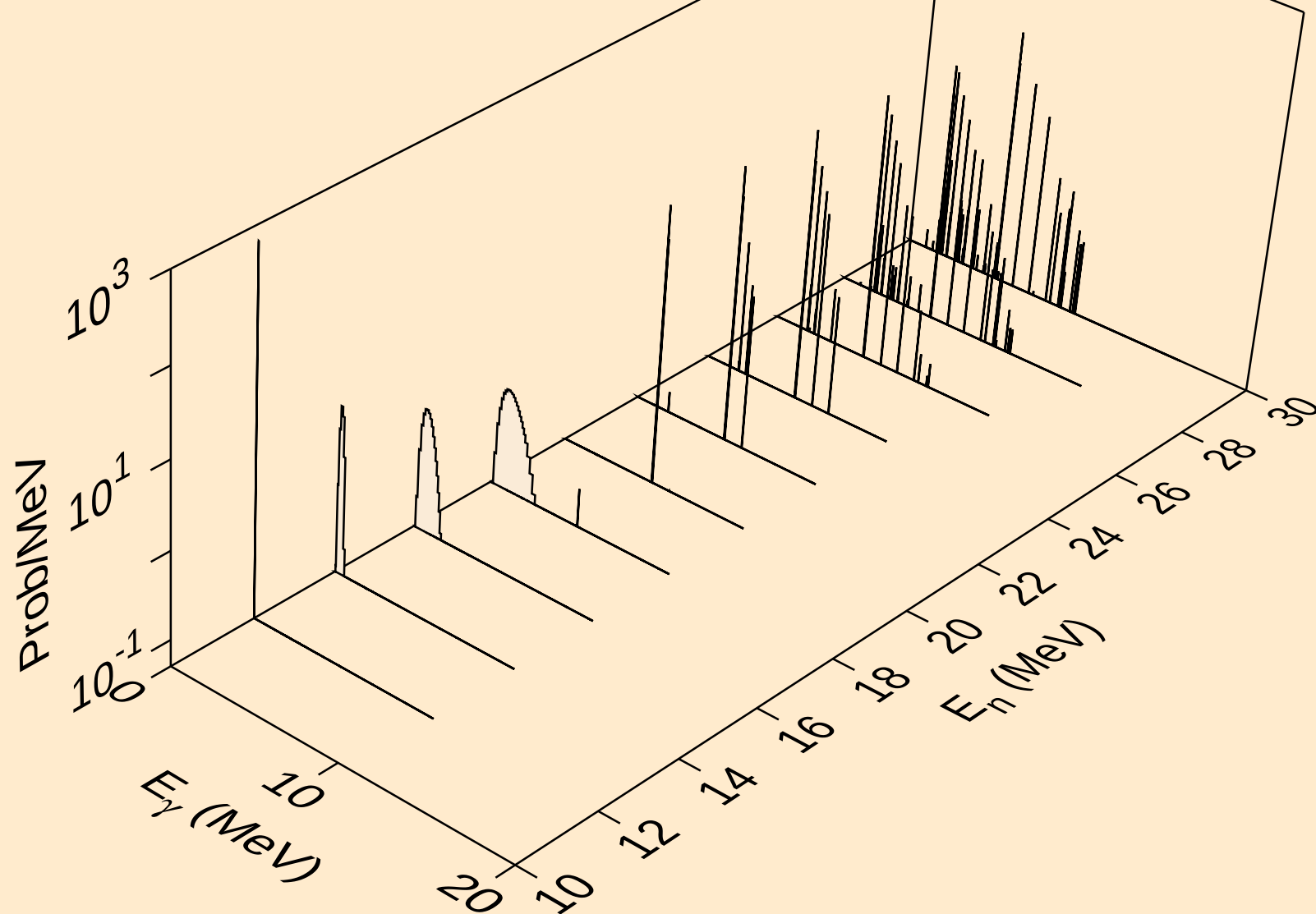
N017 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)a

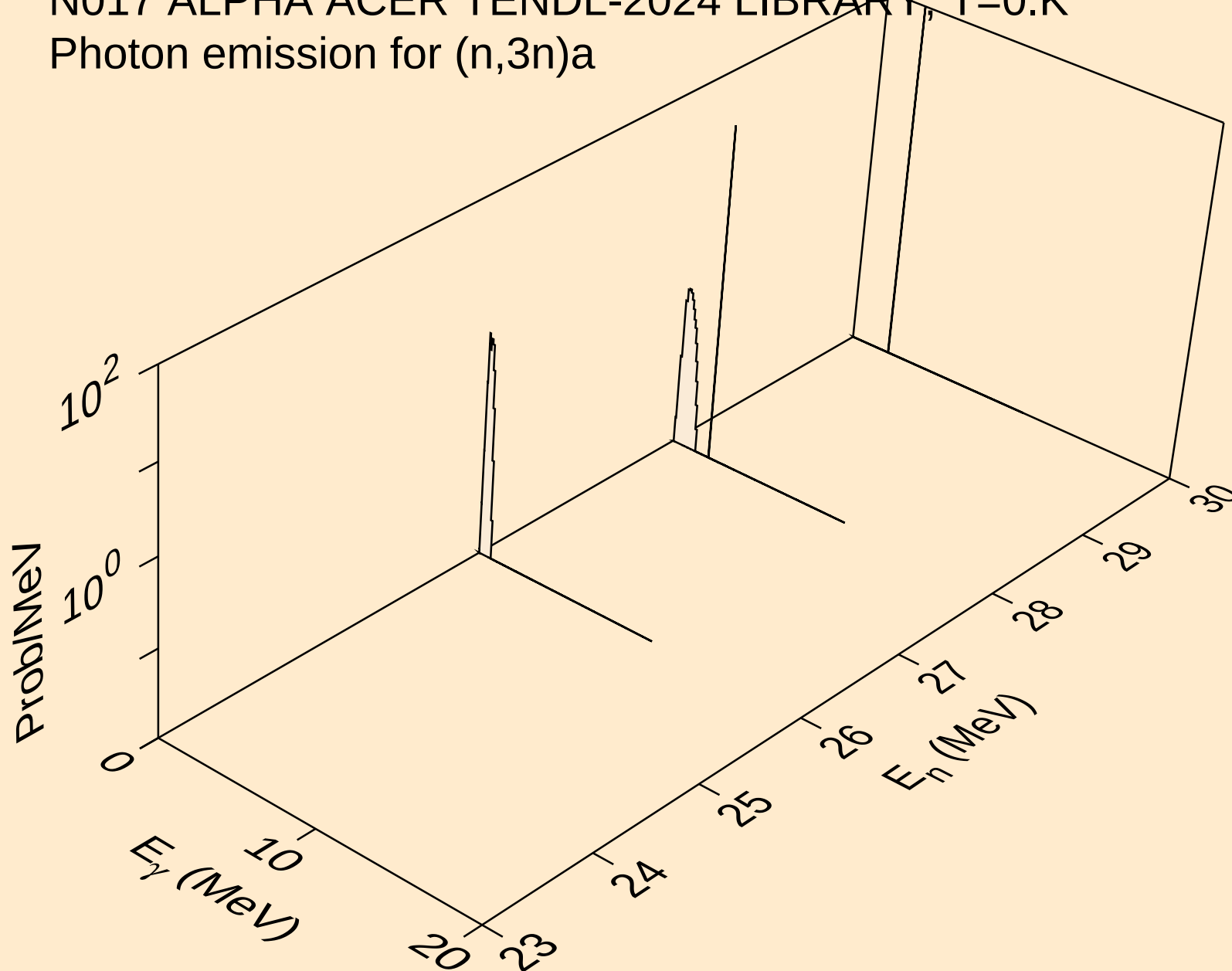


N017 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

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

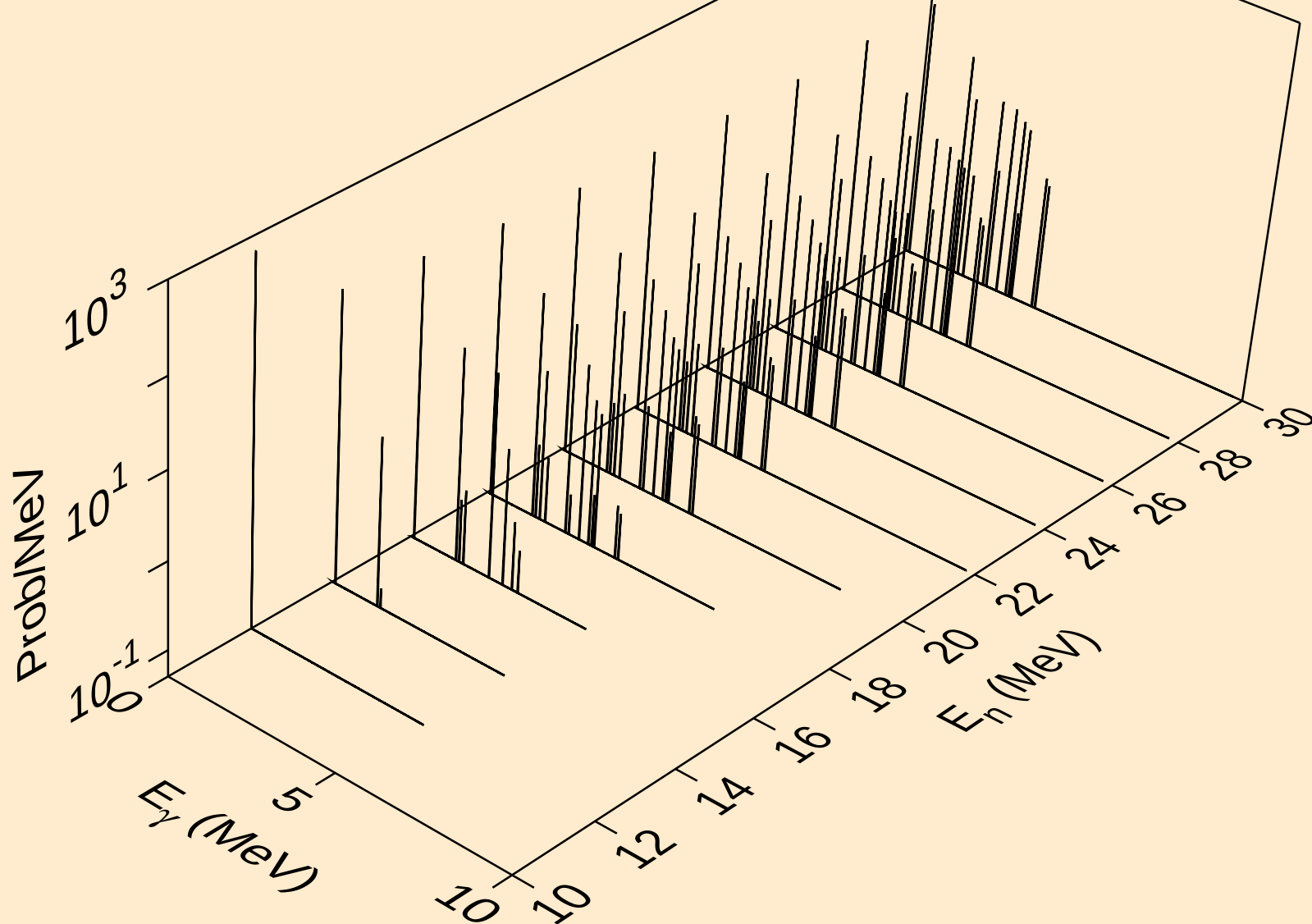


N017 ALPHA ACER TENDL-2024 LIBRARY: T=0.K  
Photon emission for (n,3n) $\alpha$



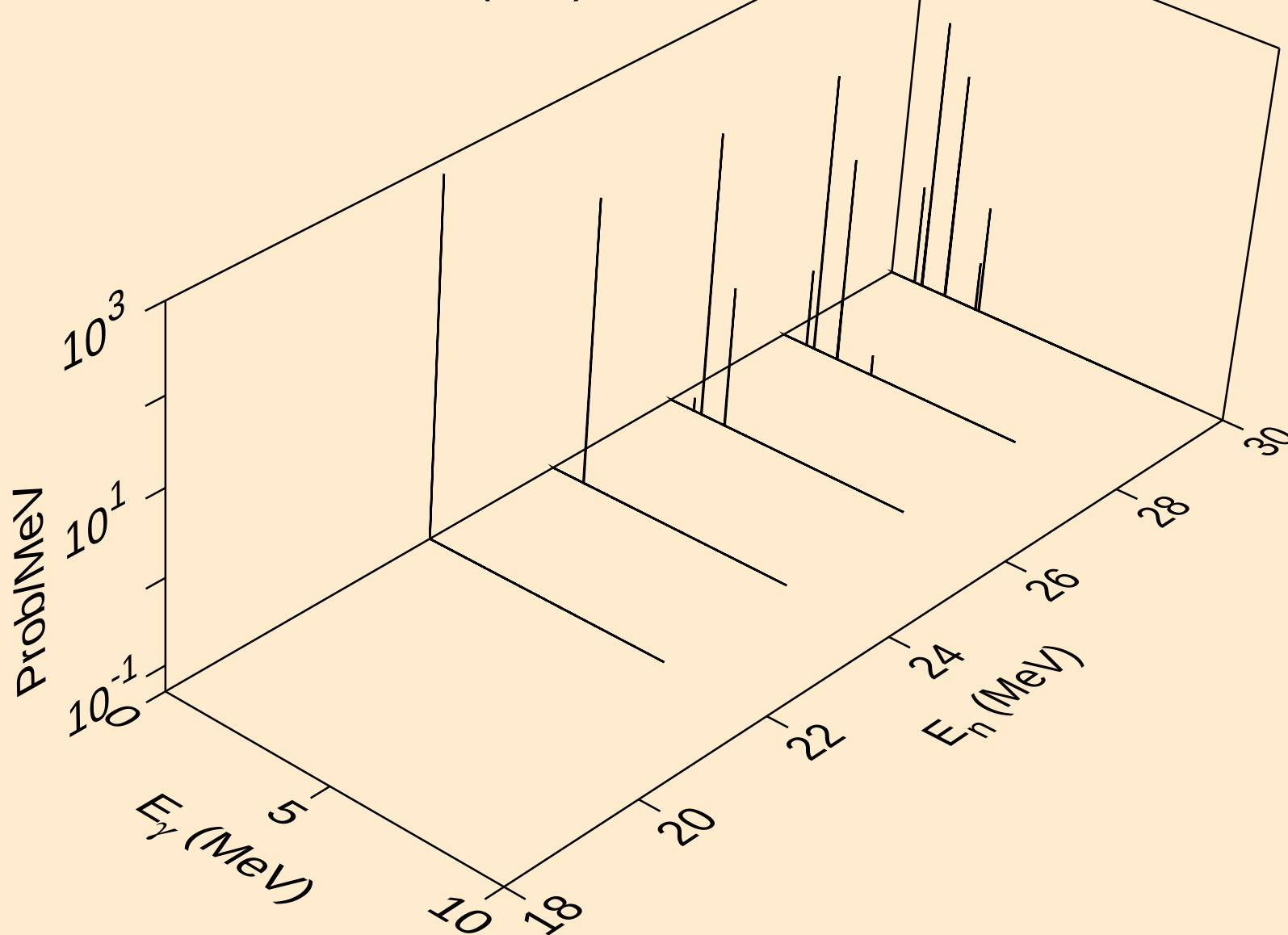
N017 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)p



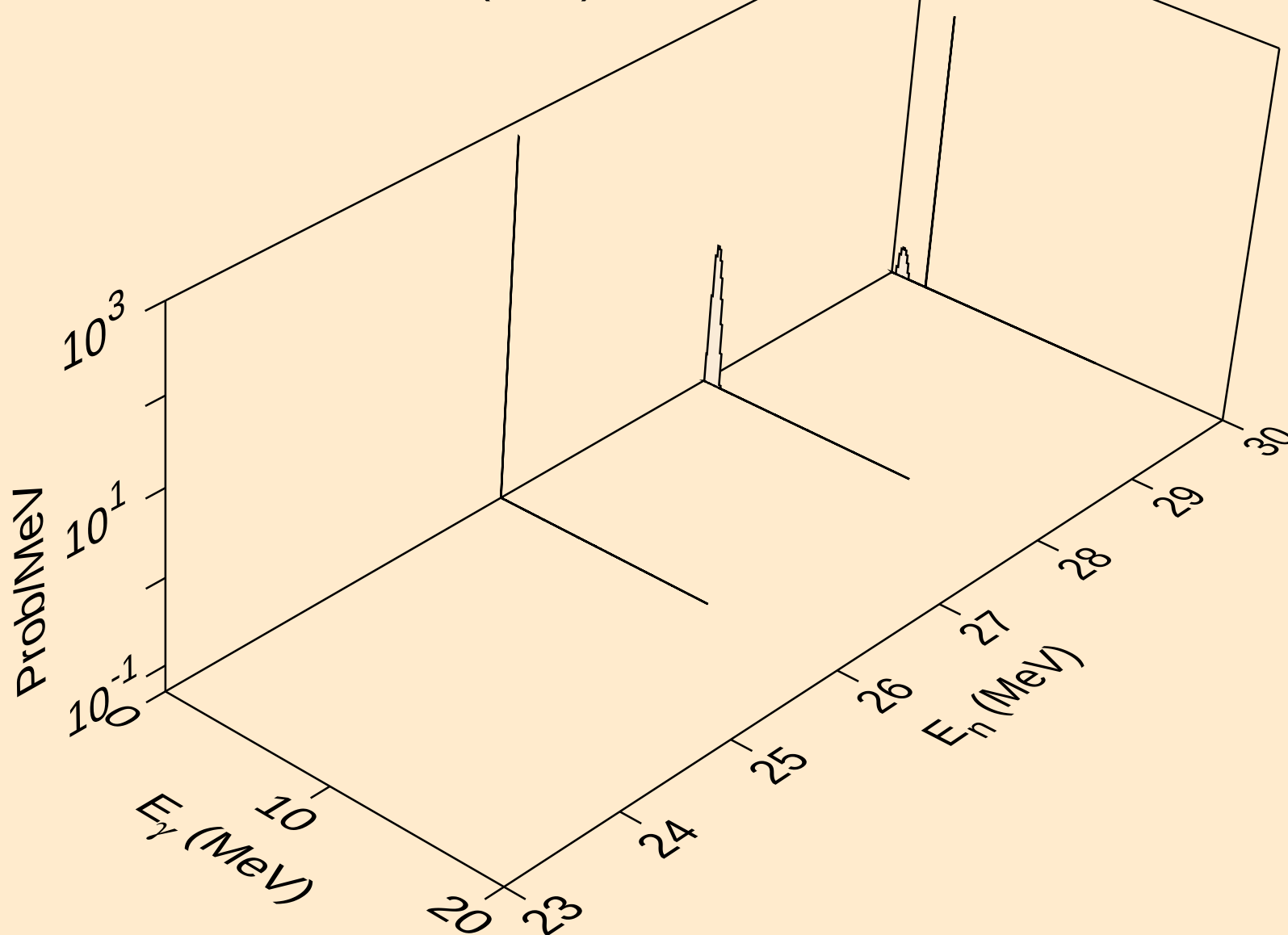
N017 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)2a



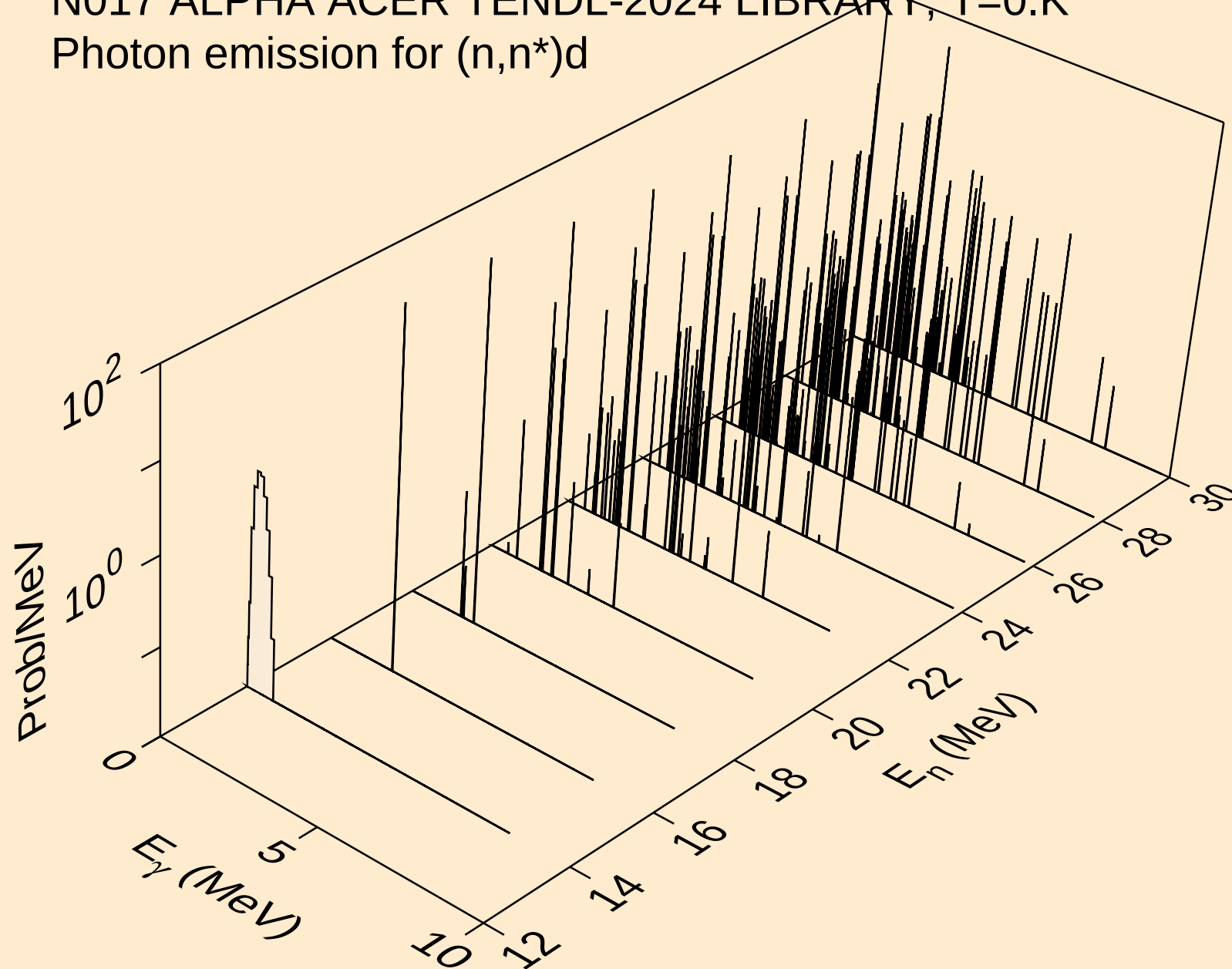
N017 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,2n)2a



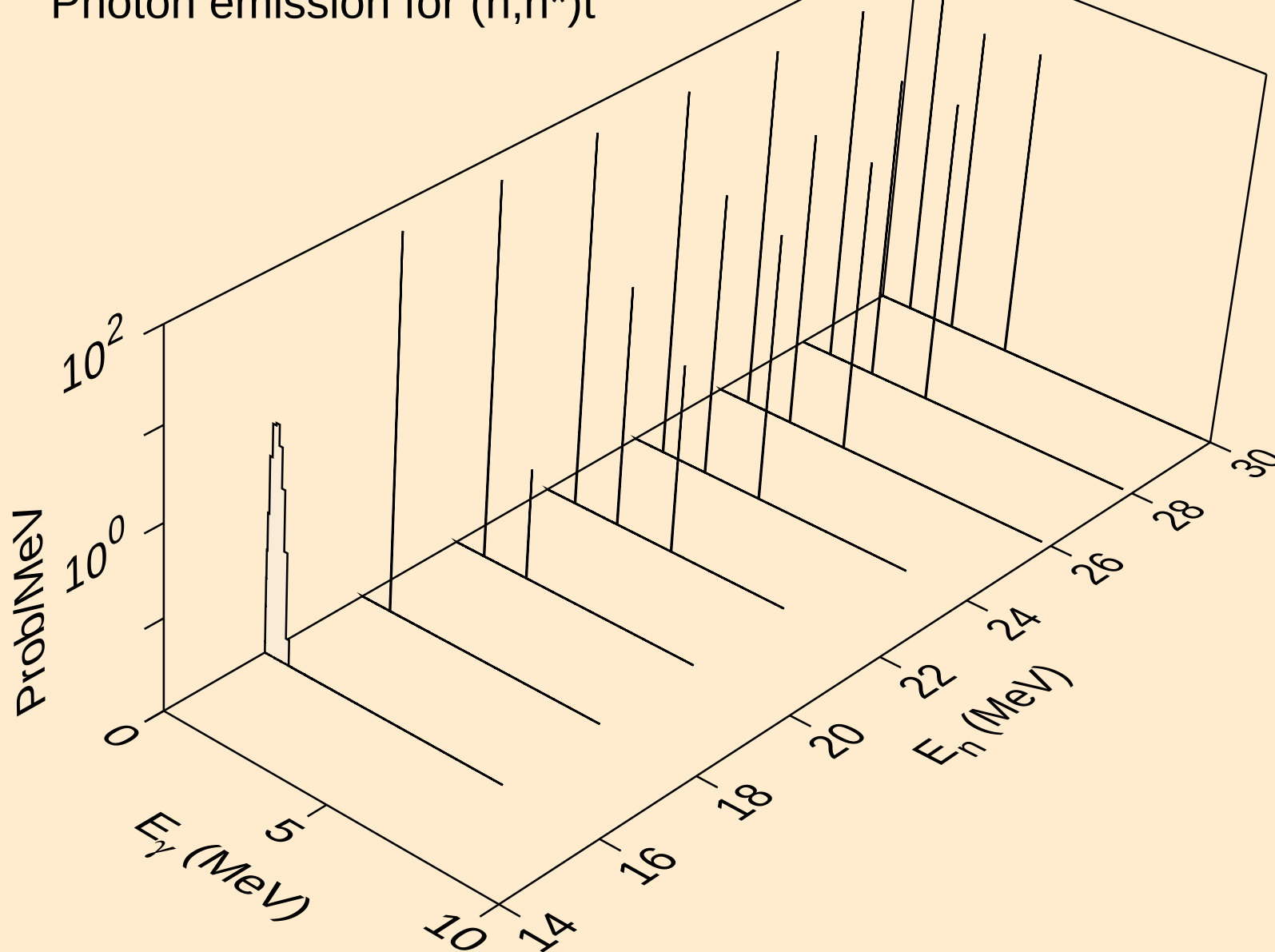
N017 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)d



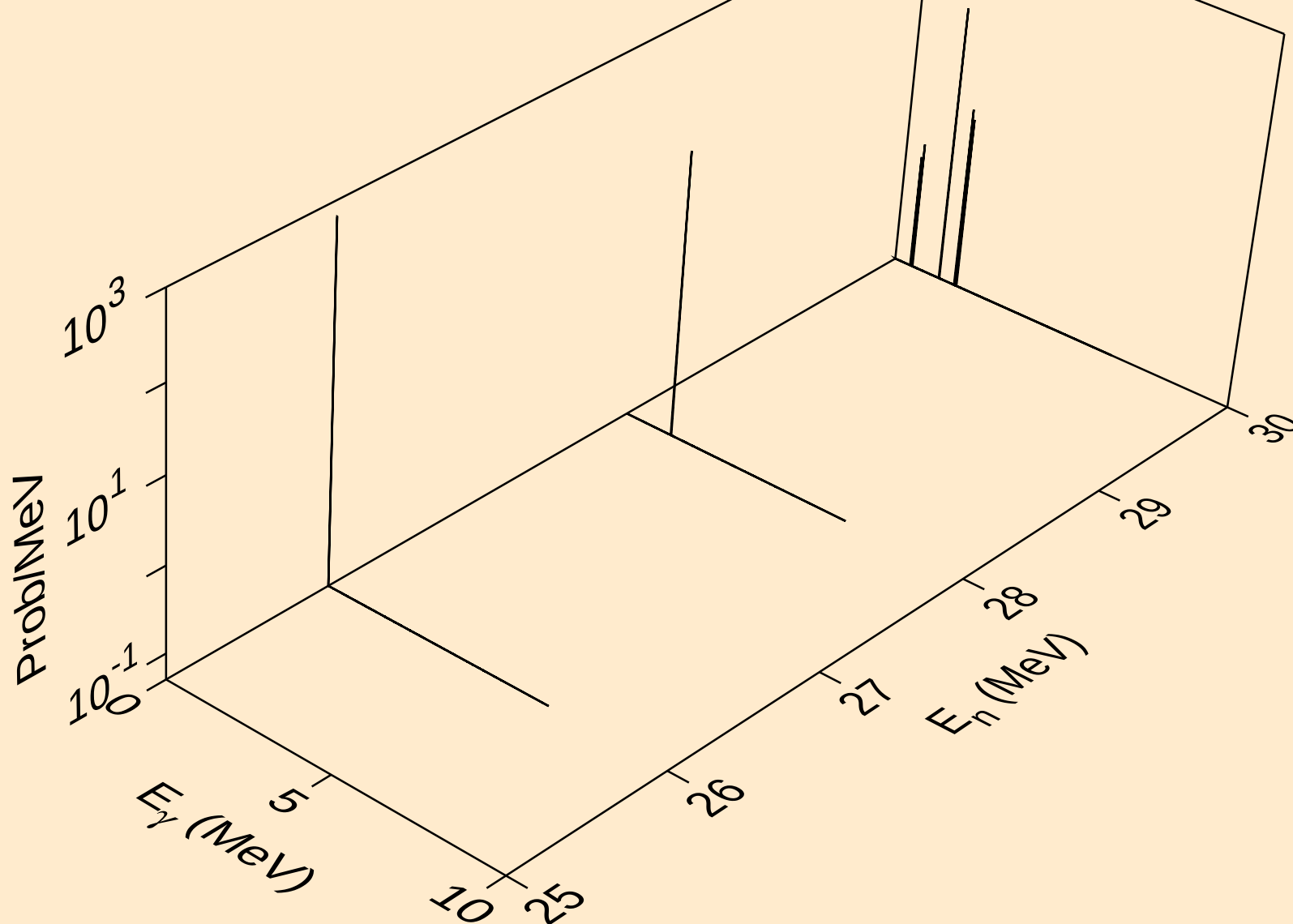
N017 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)t

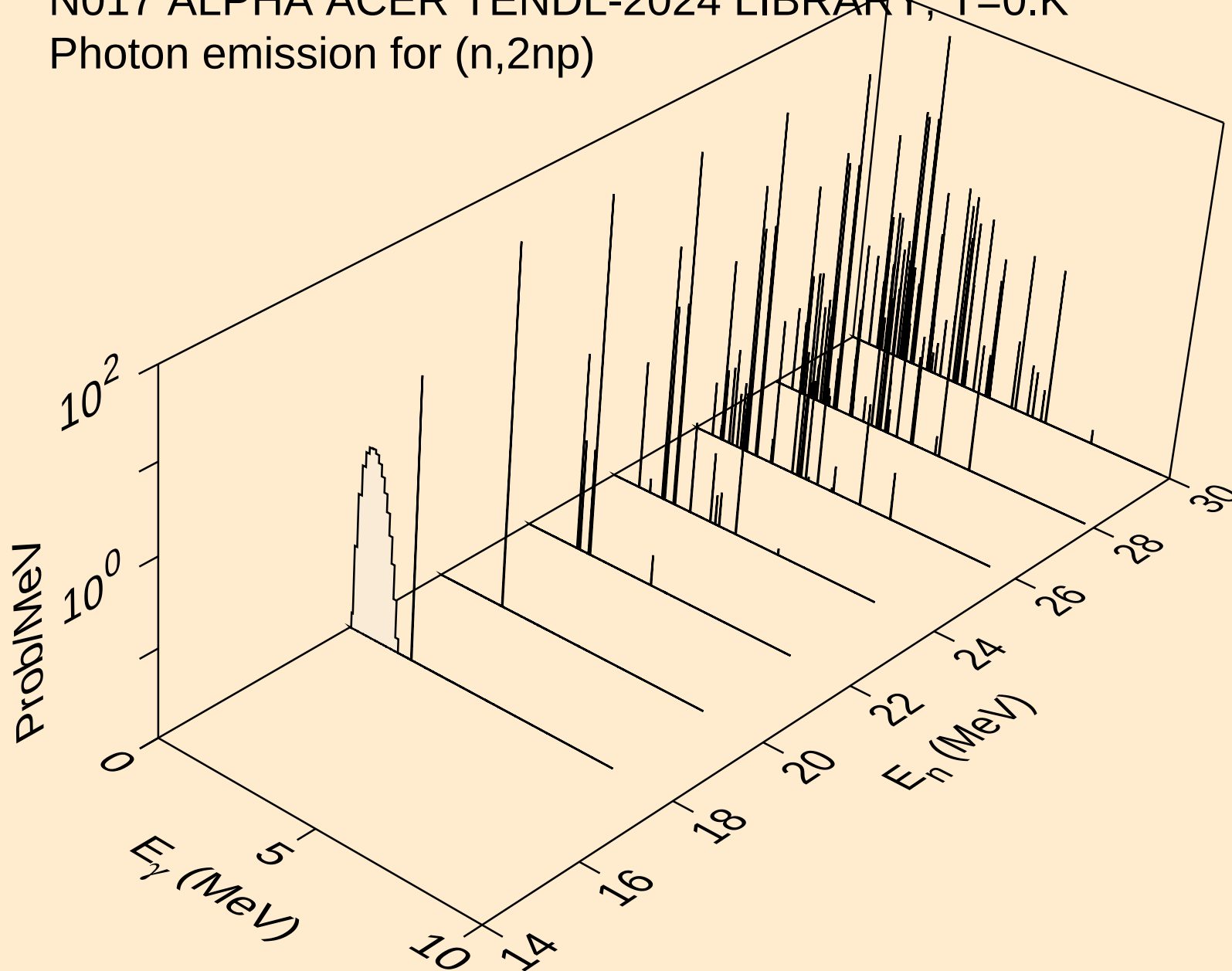


N017 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

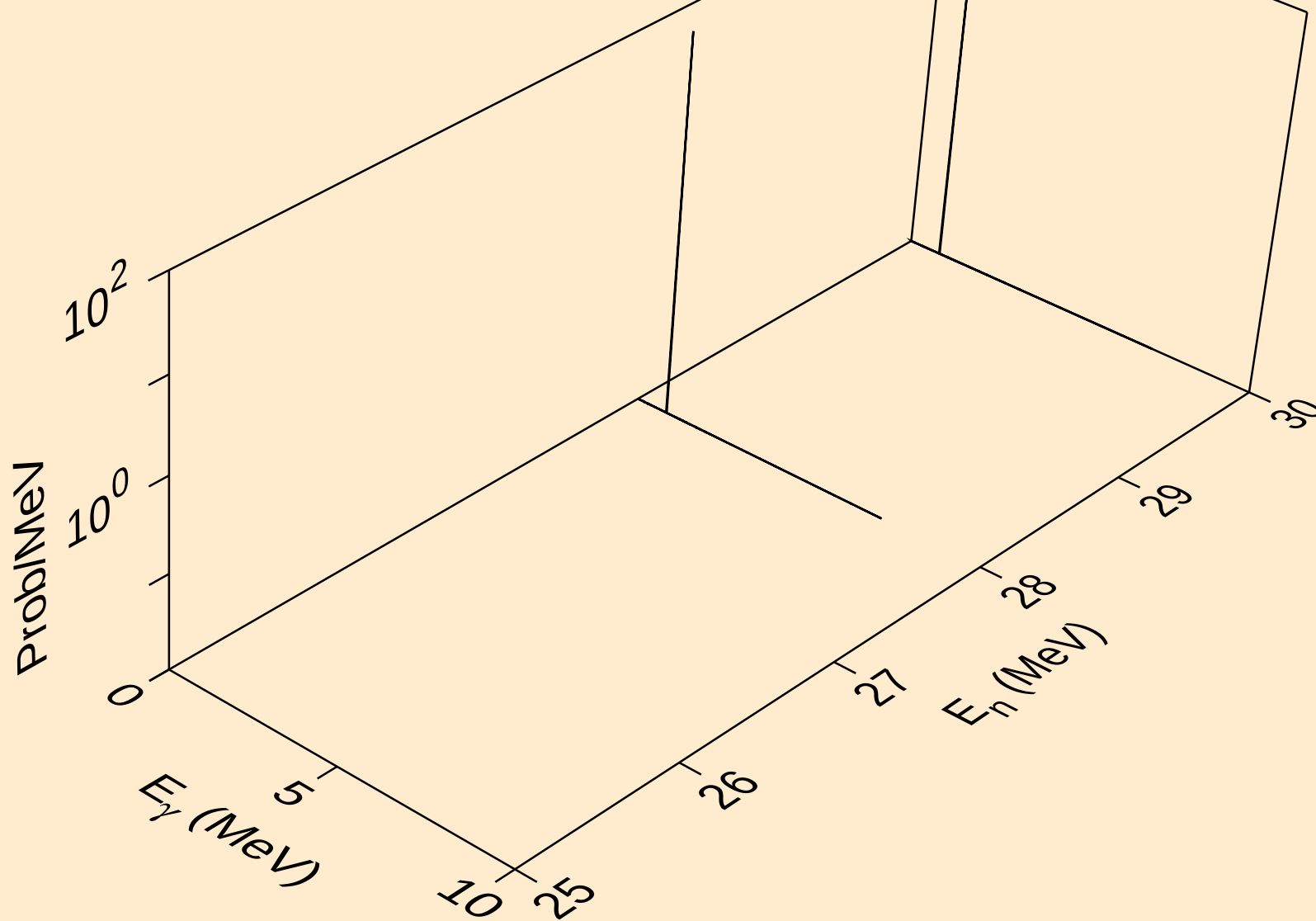
Photon emission for (n,n\*)he3



N017 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)

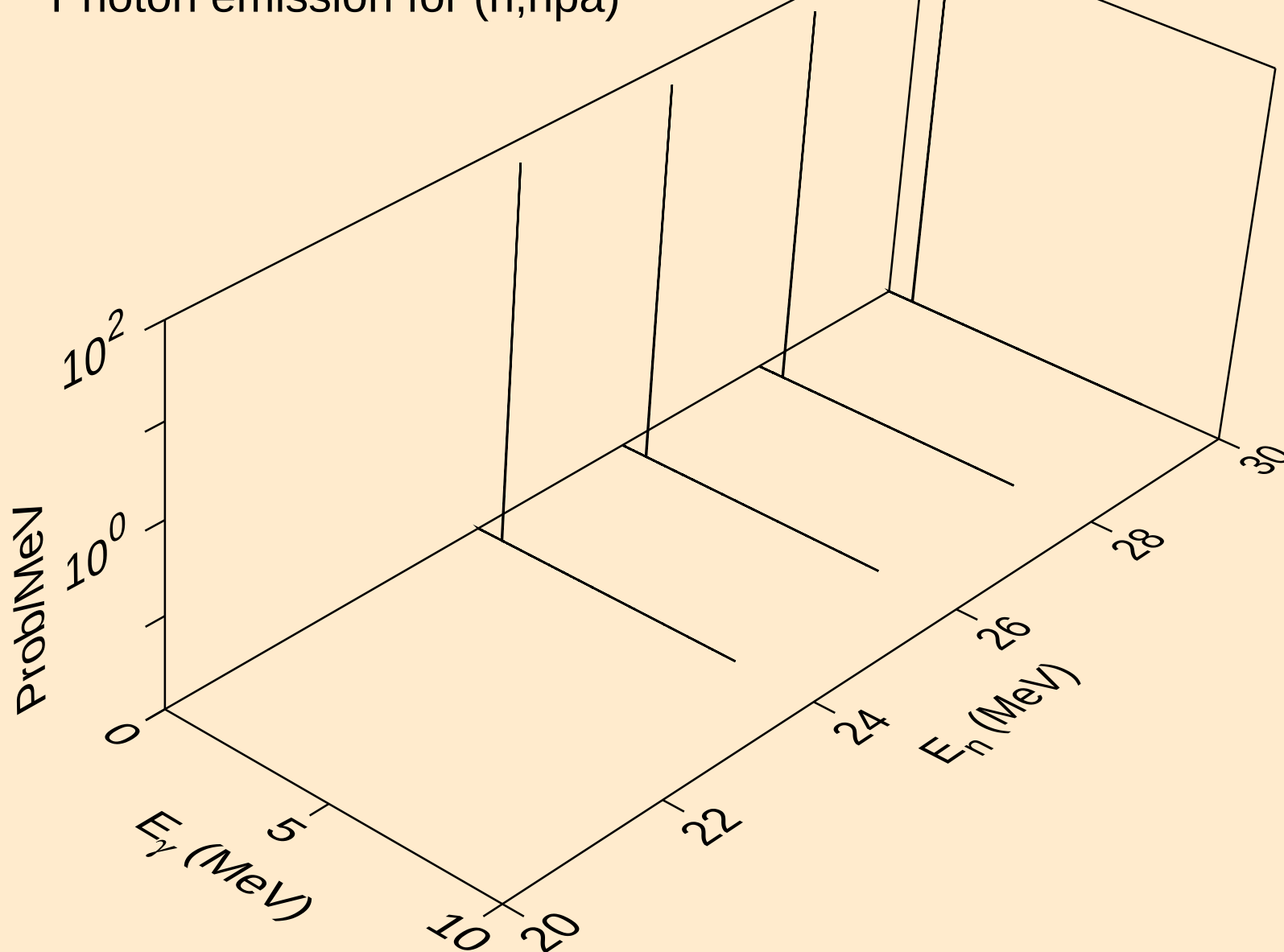


N017 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)

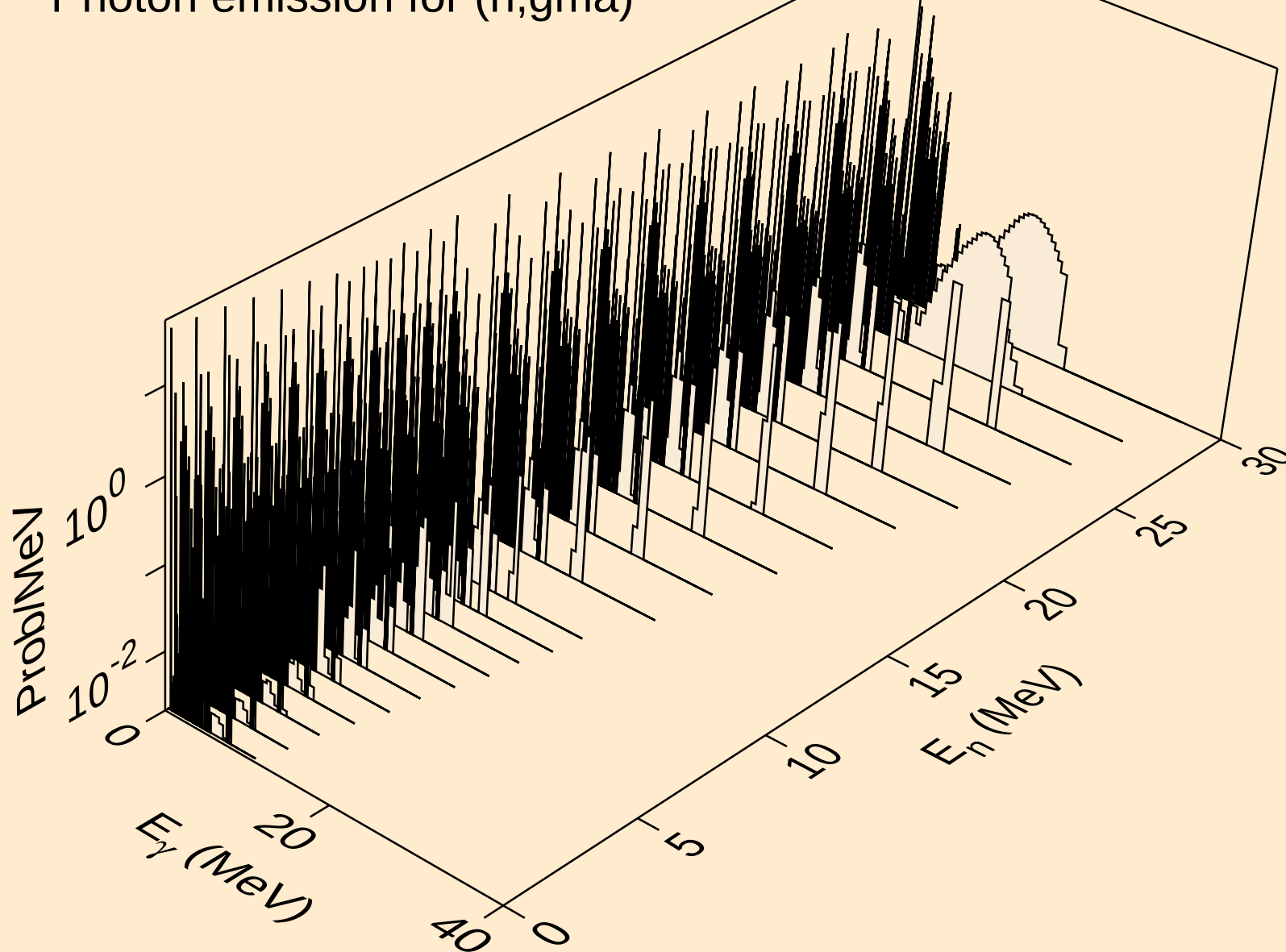


N017 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,npa)

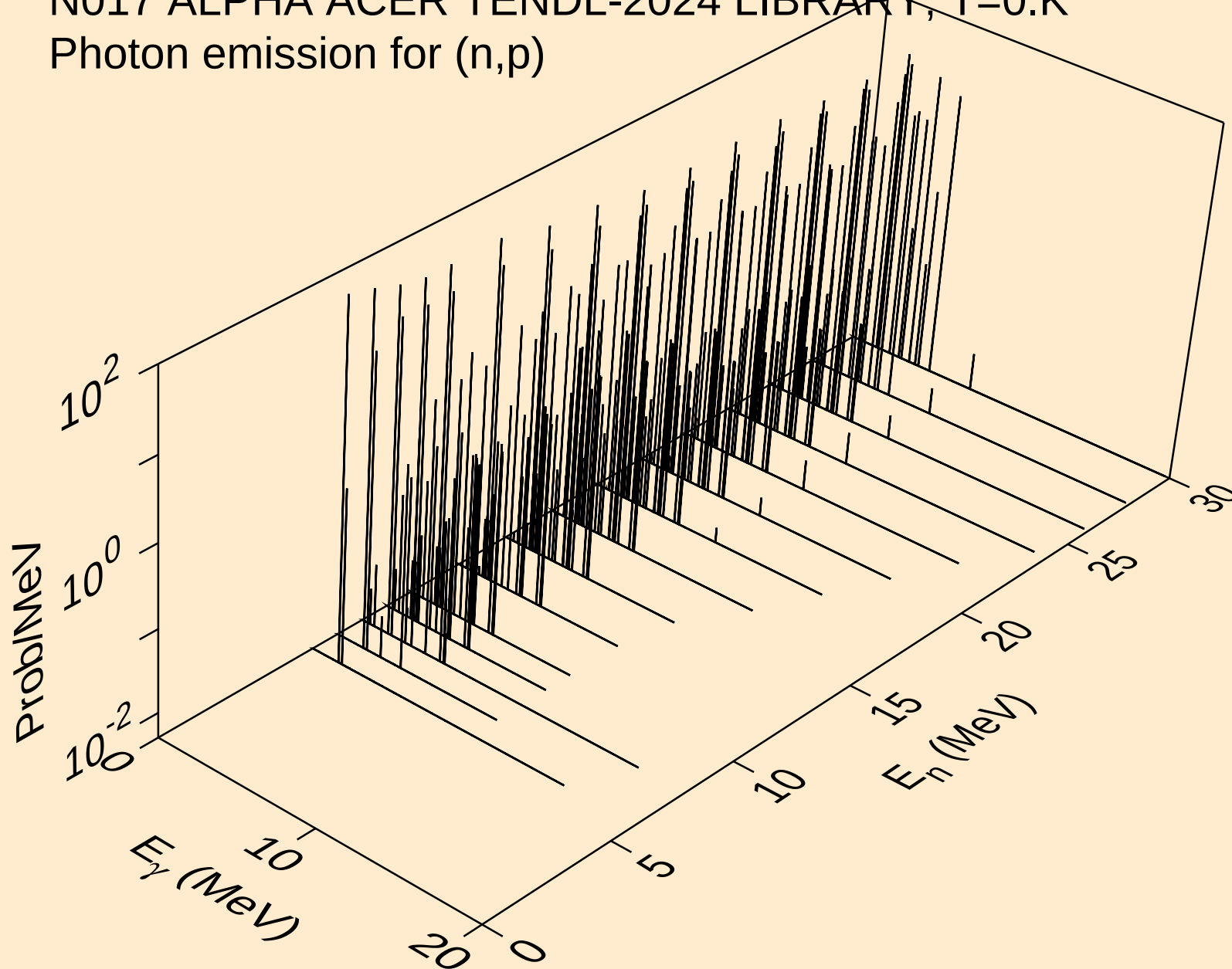


N017 ALPHA ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,gma)

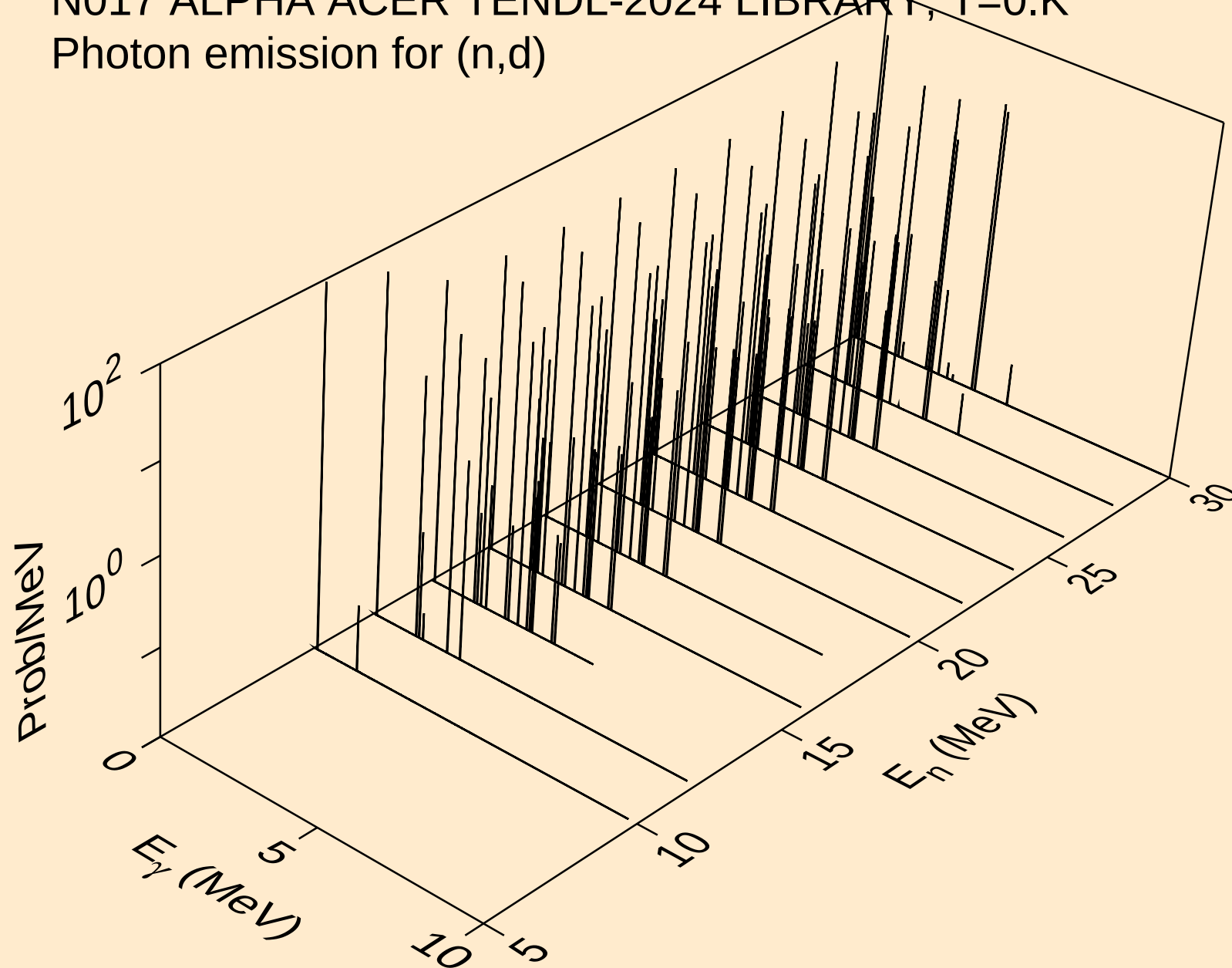


N017 ALPHA ACER TENDL-2024 LIBRARY;  $T=0.K$

Photon emission for (n,p)

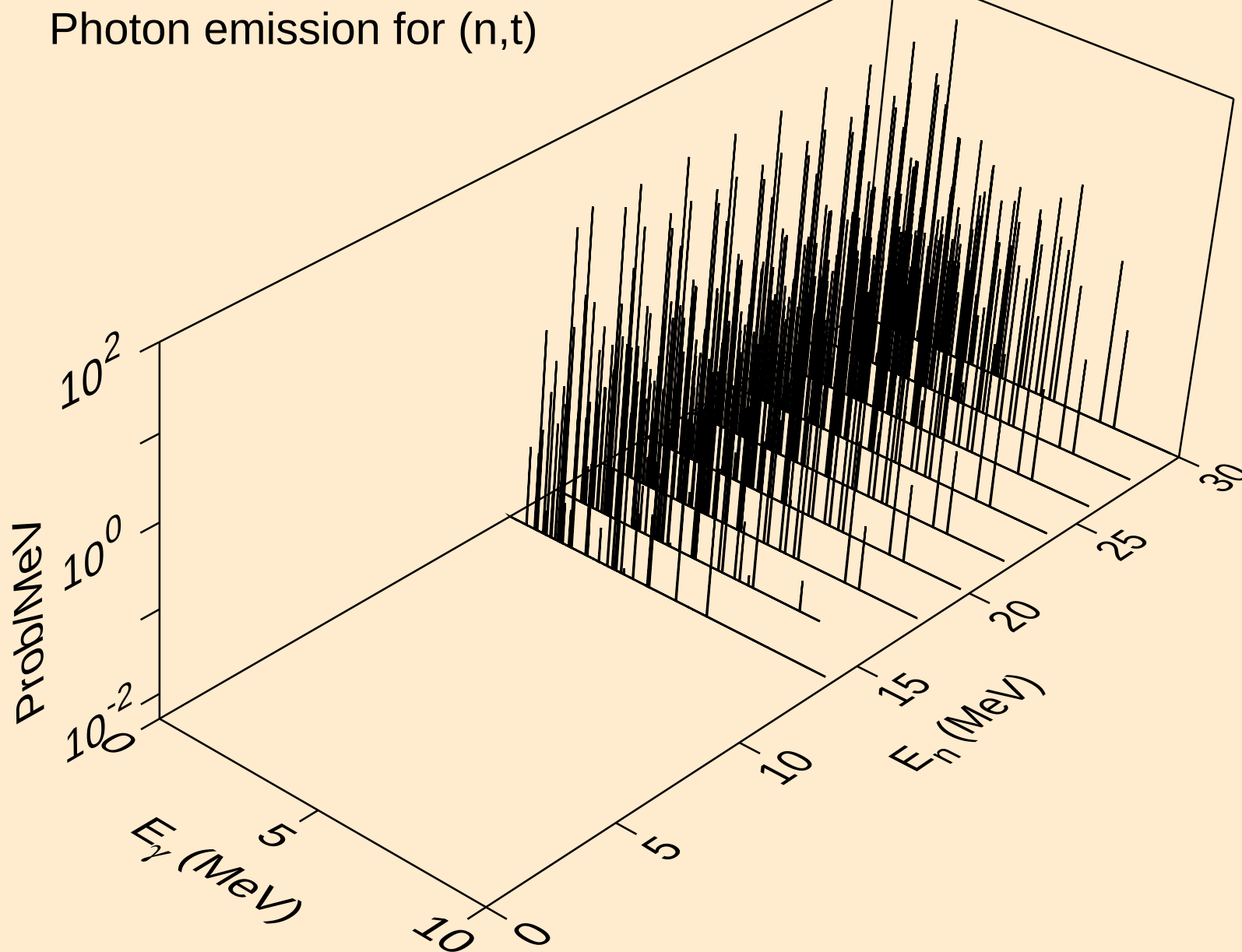


N017 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)

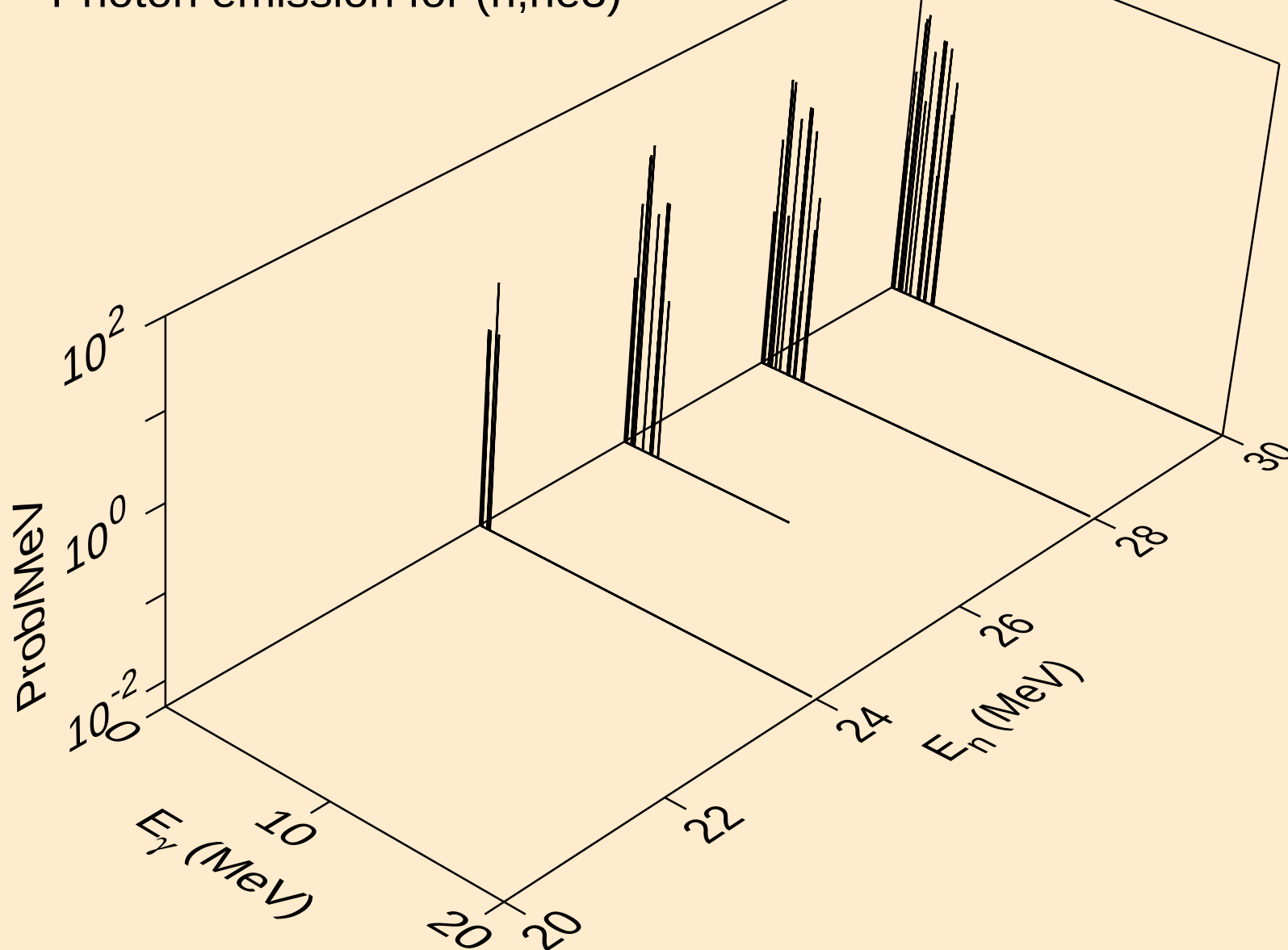


N017 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

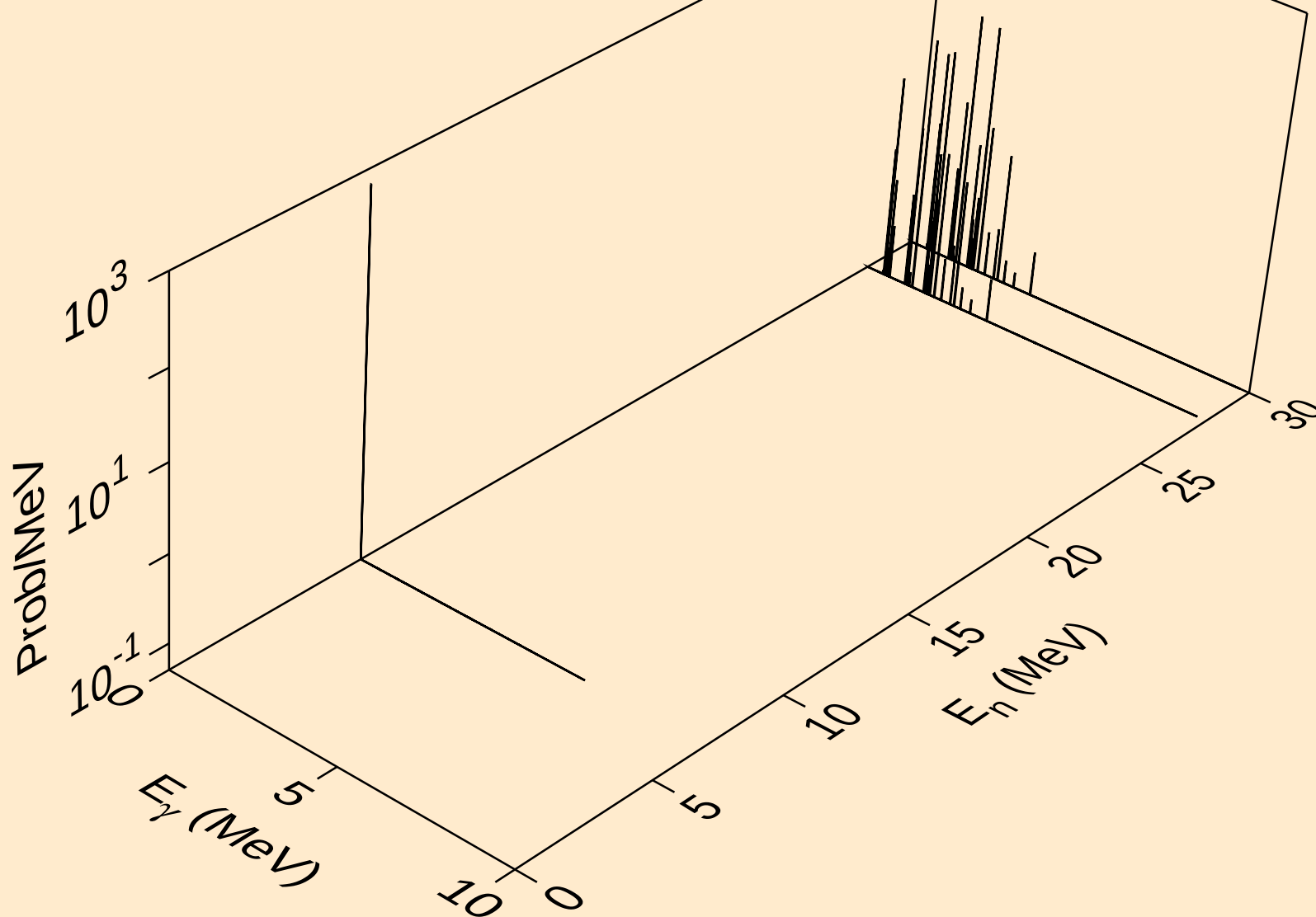
Photon emission for (n,t)



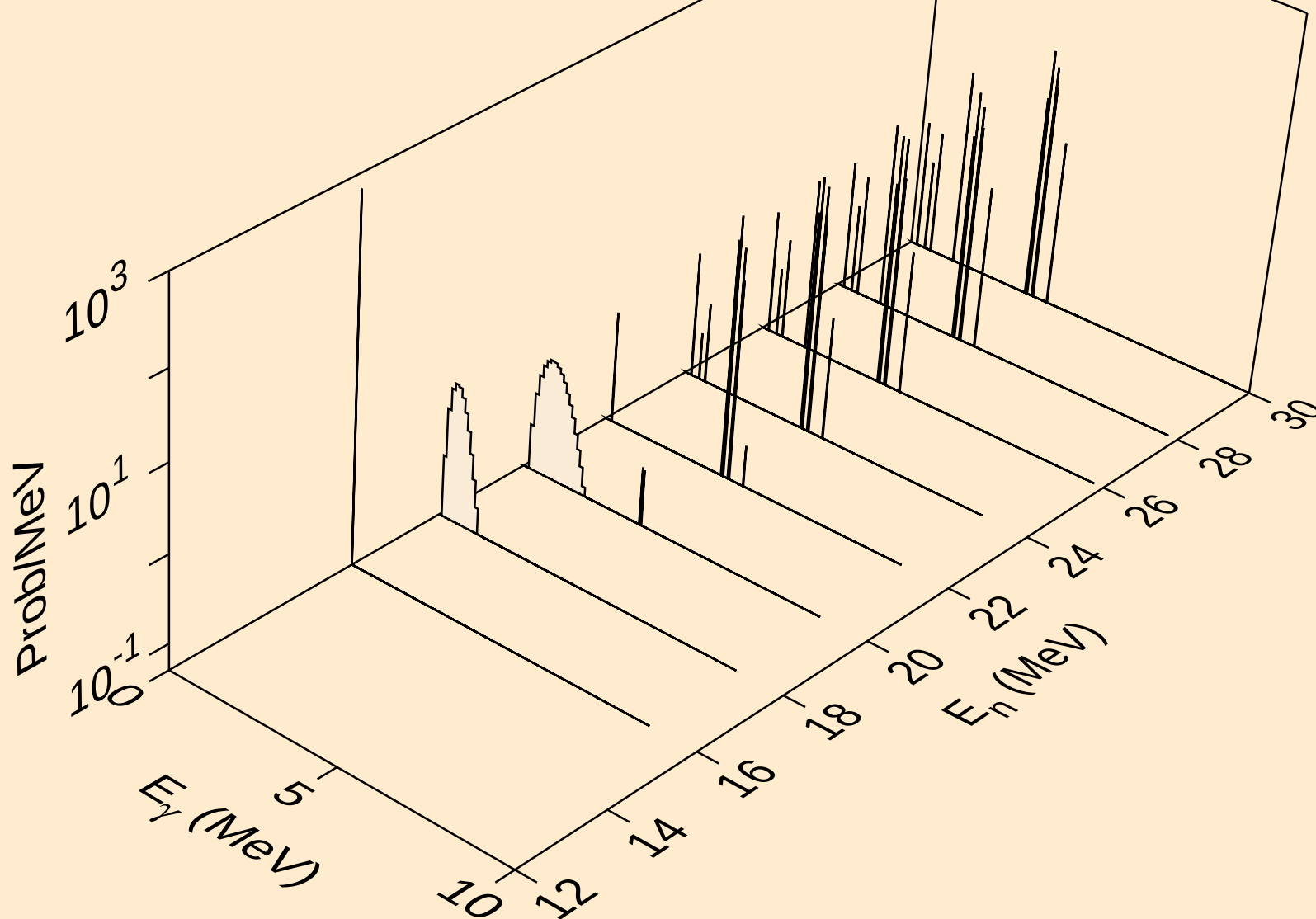
N017 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



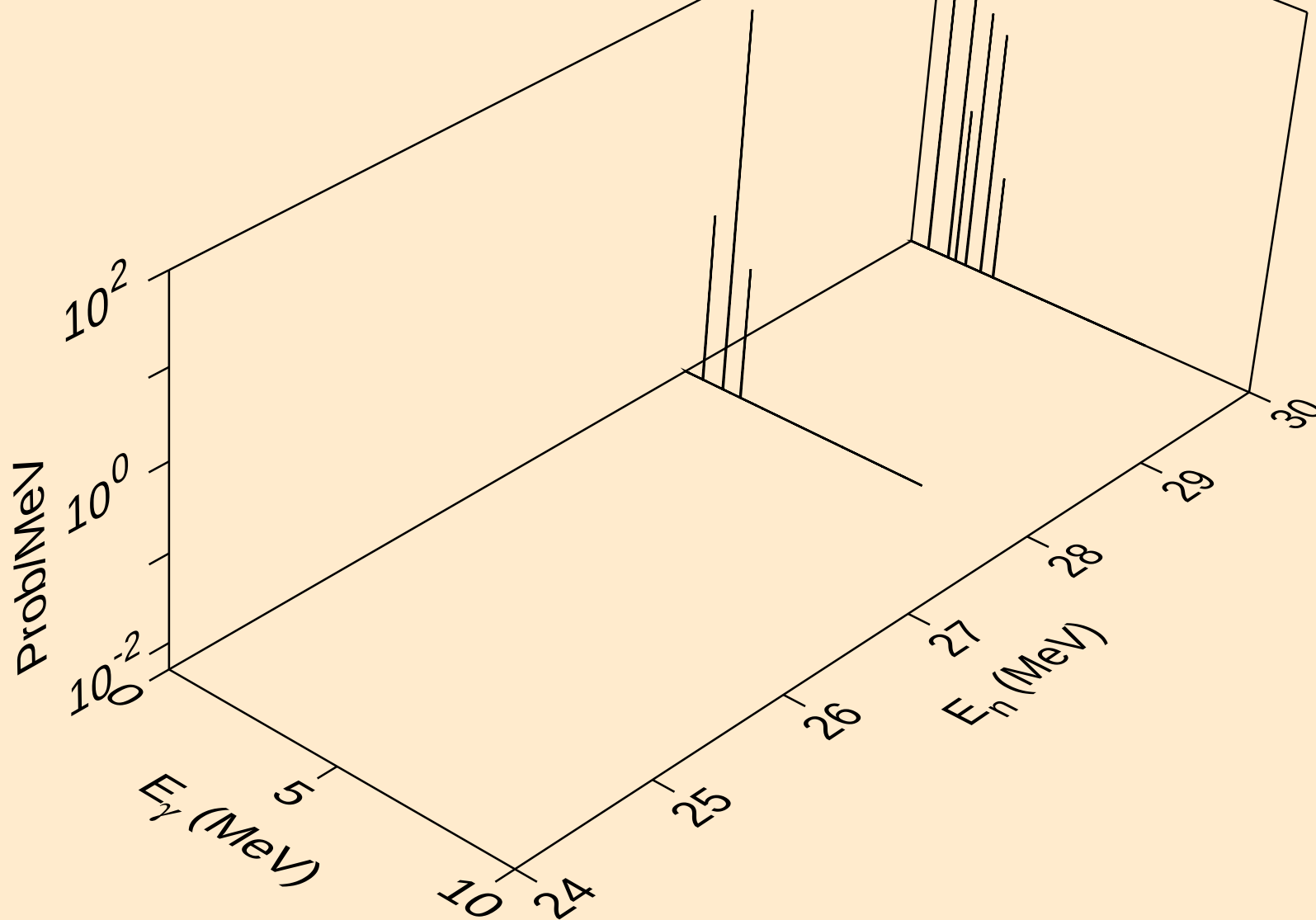
N017 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic



N017 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)

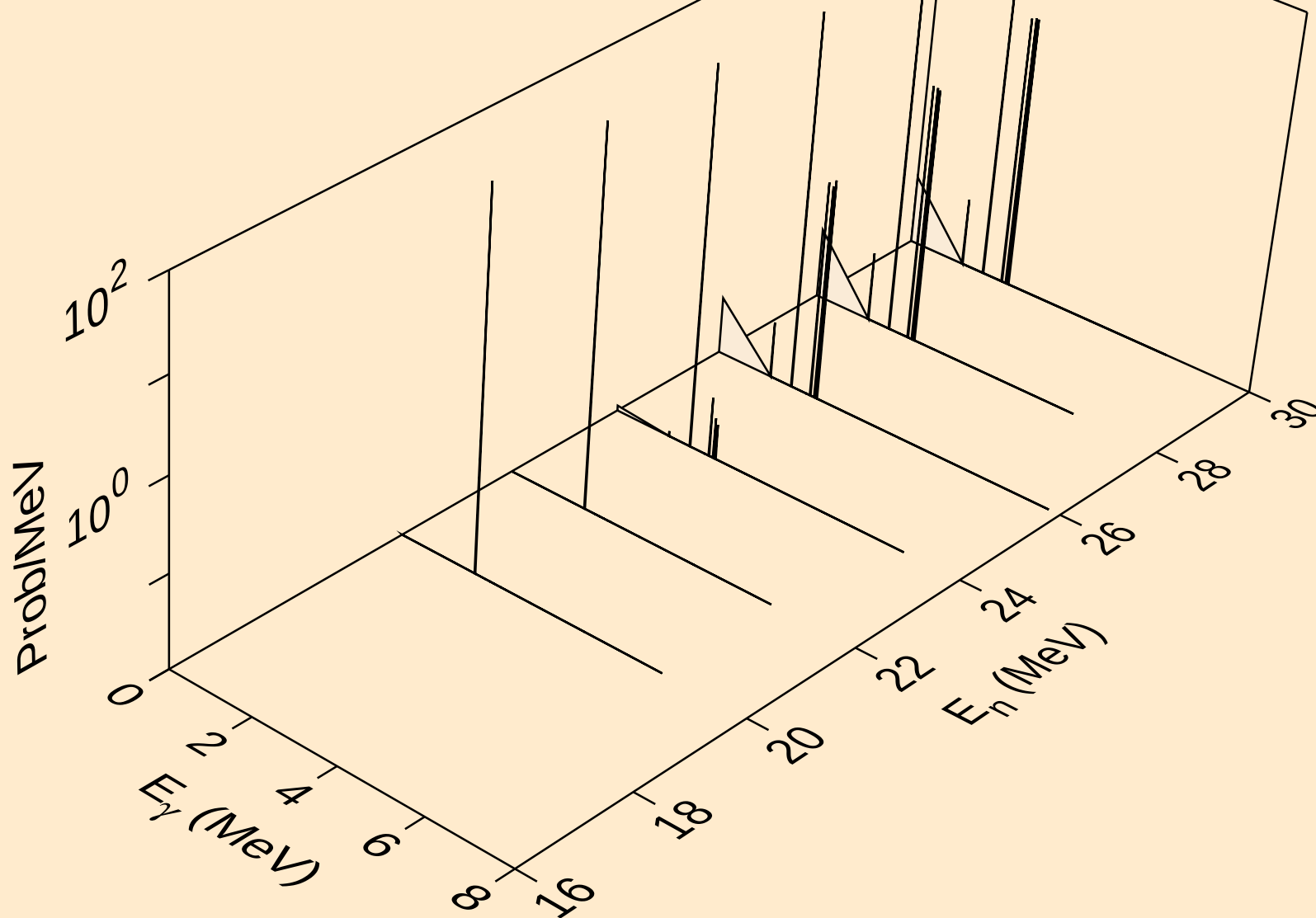


N017 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



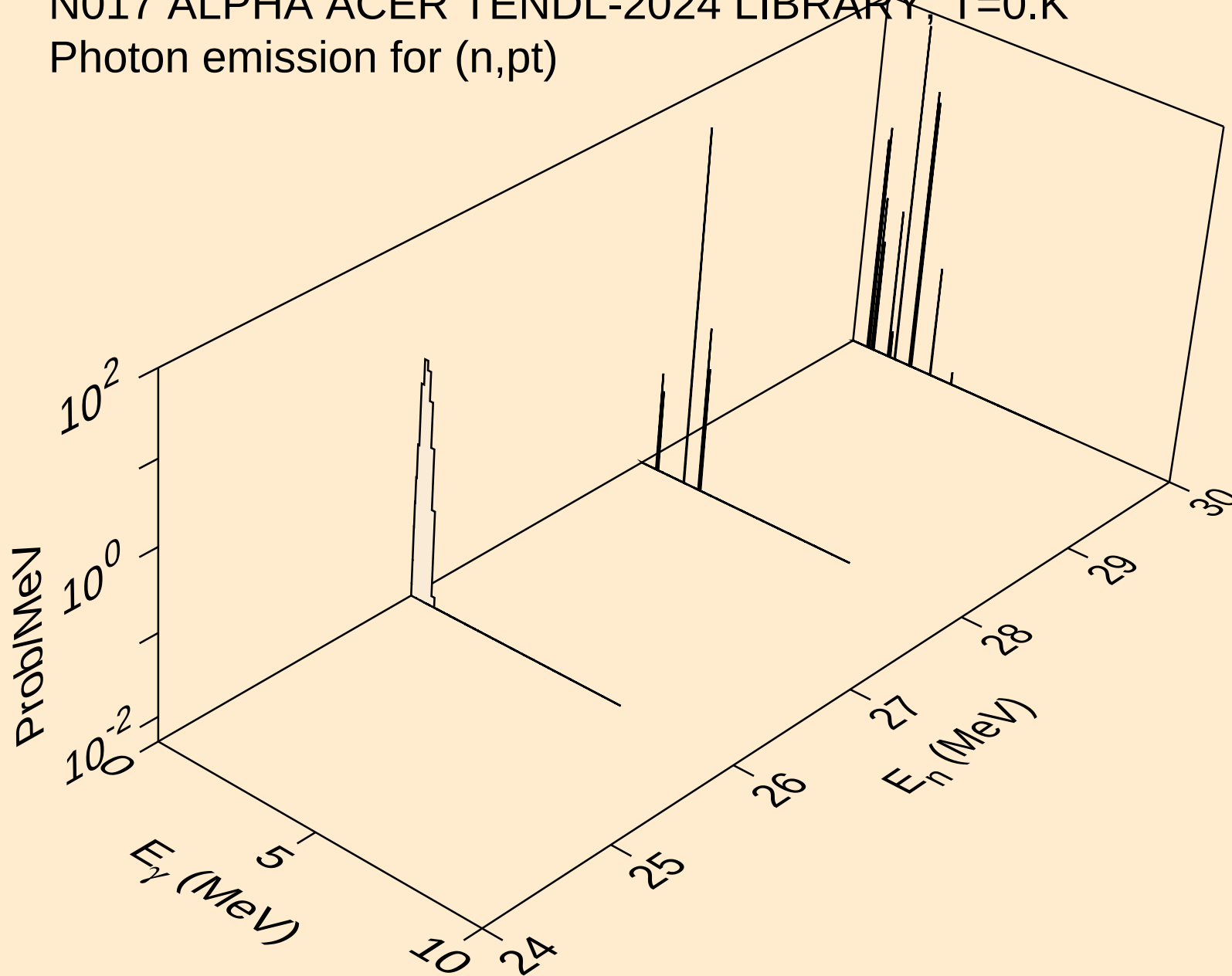
N017 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,pa)

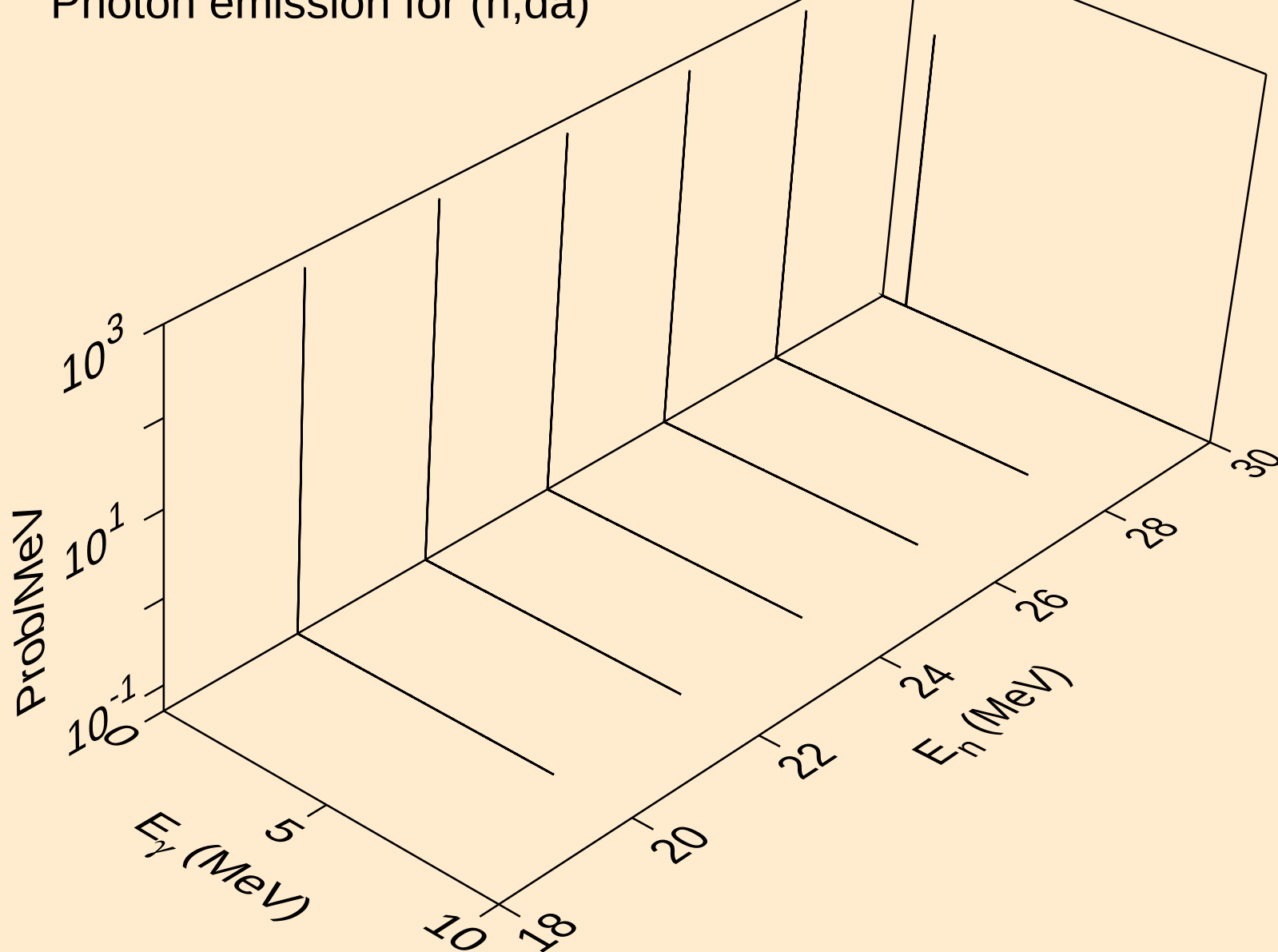


N017 ALPHA ACER TENDL-2024 LIBRARY: T=0.K

Photon emission for (n,pt)

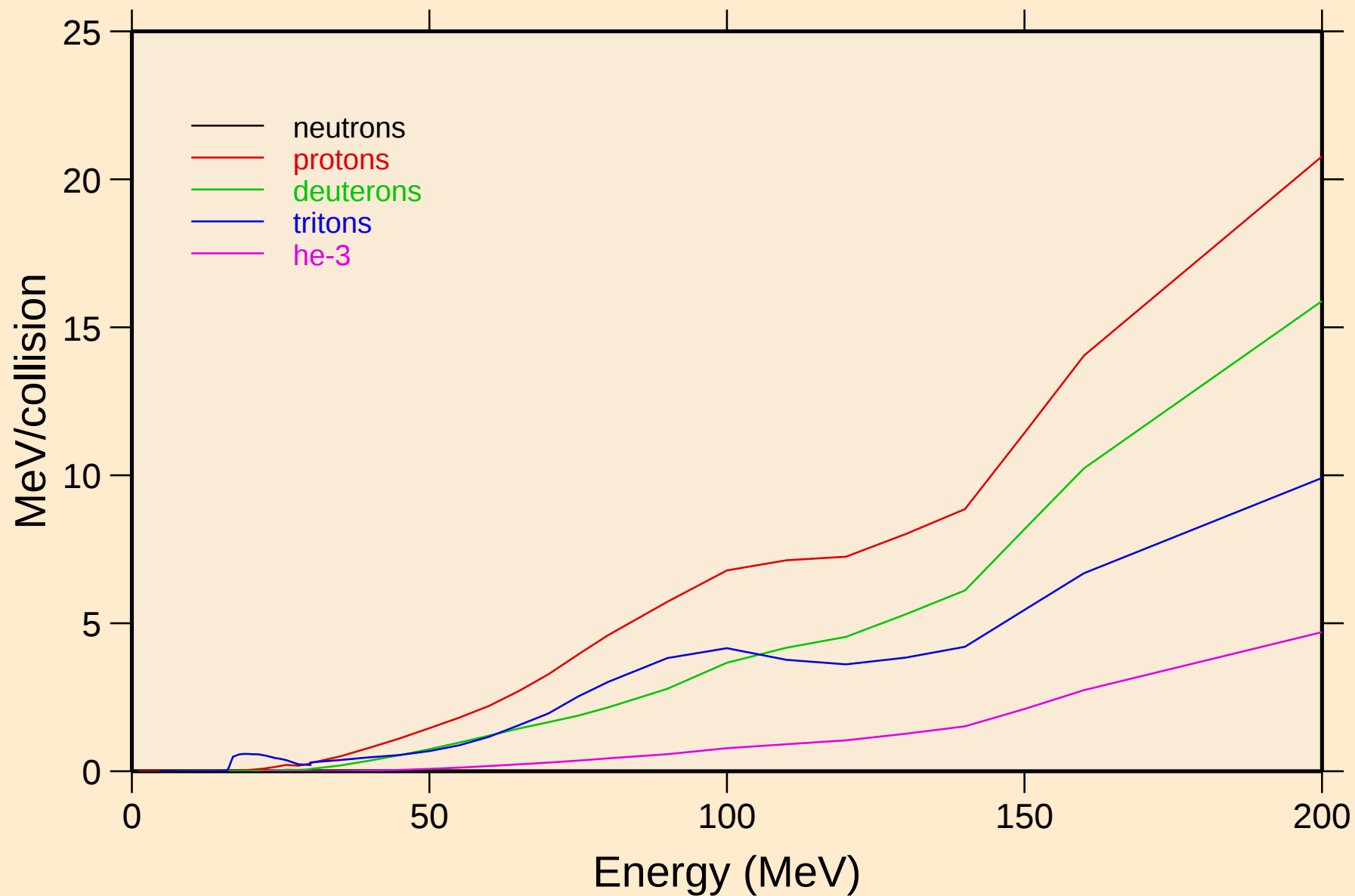


N017 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



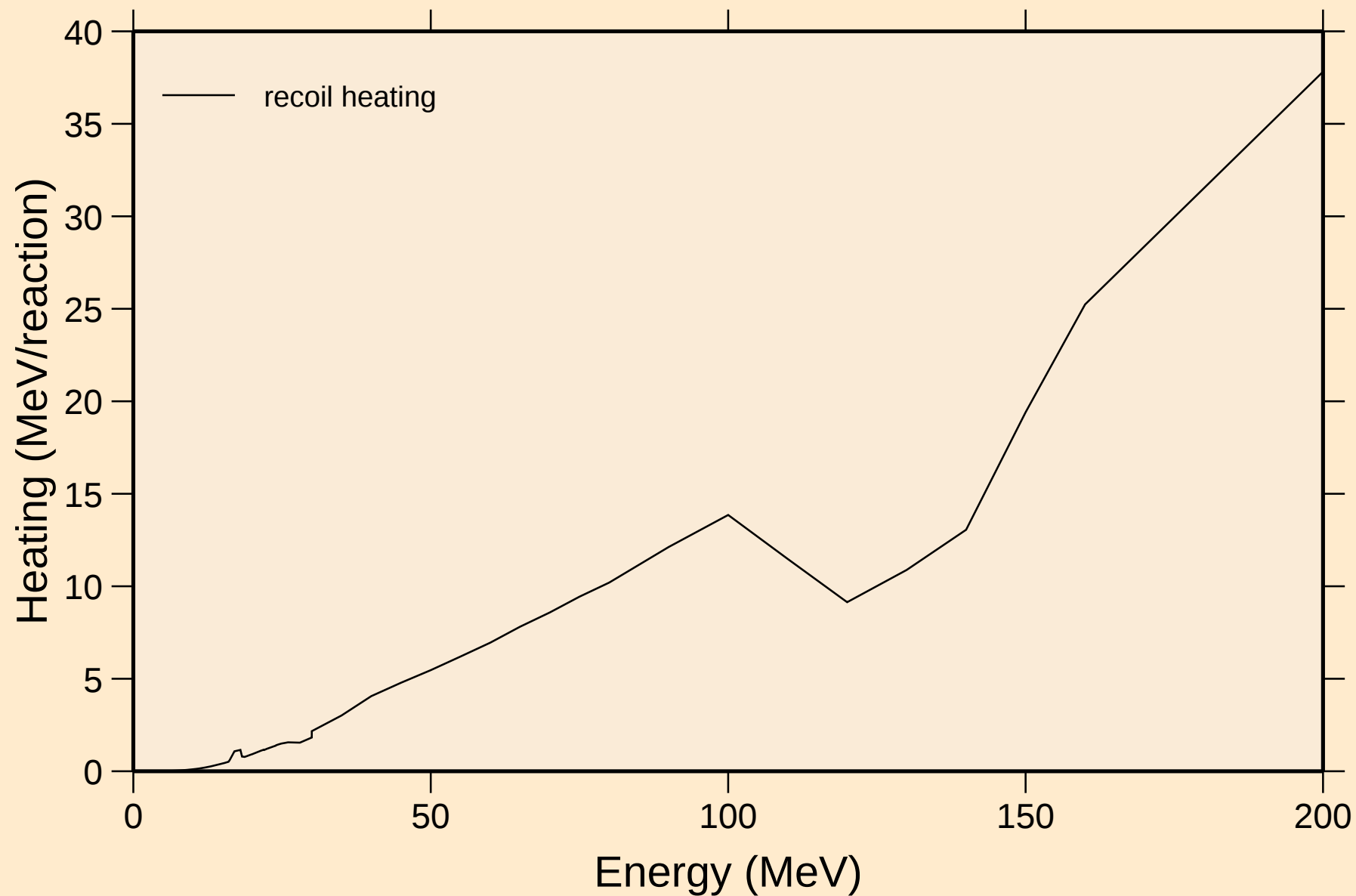
# N017 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions



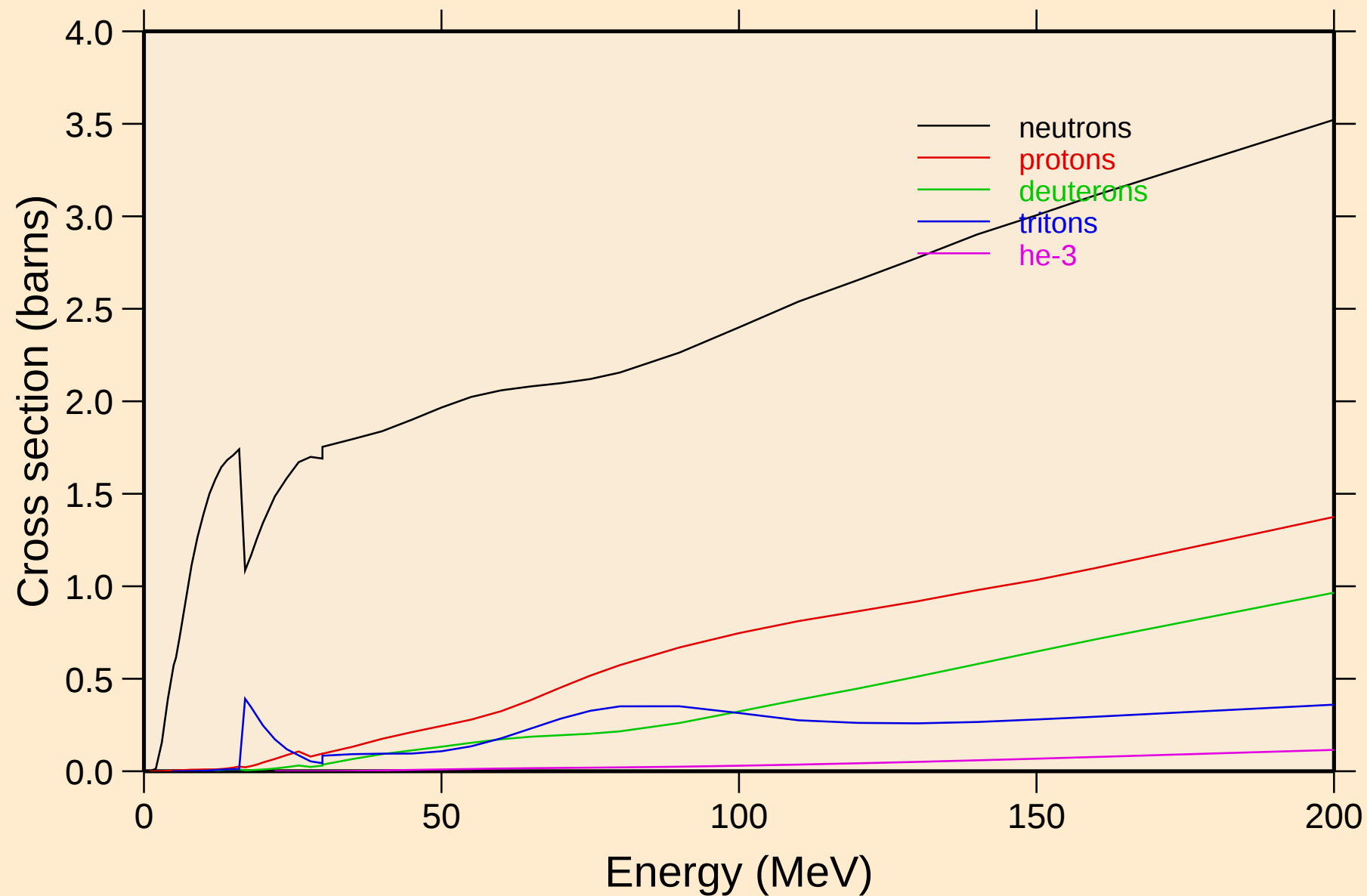
N017 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Recoil Heating

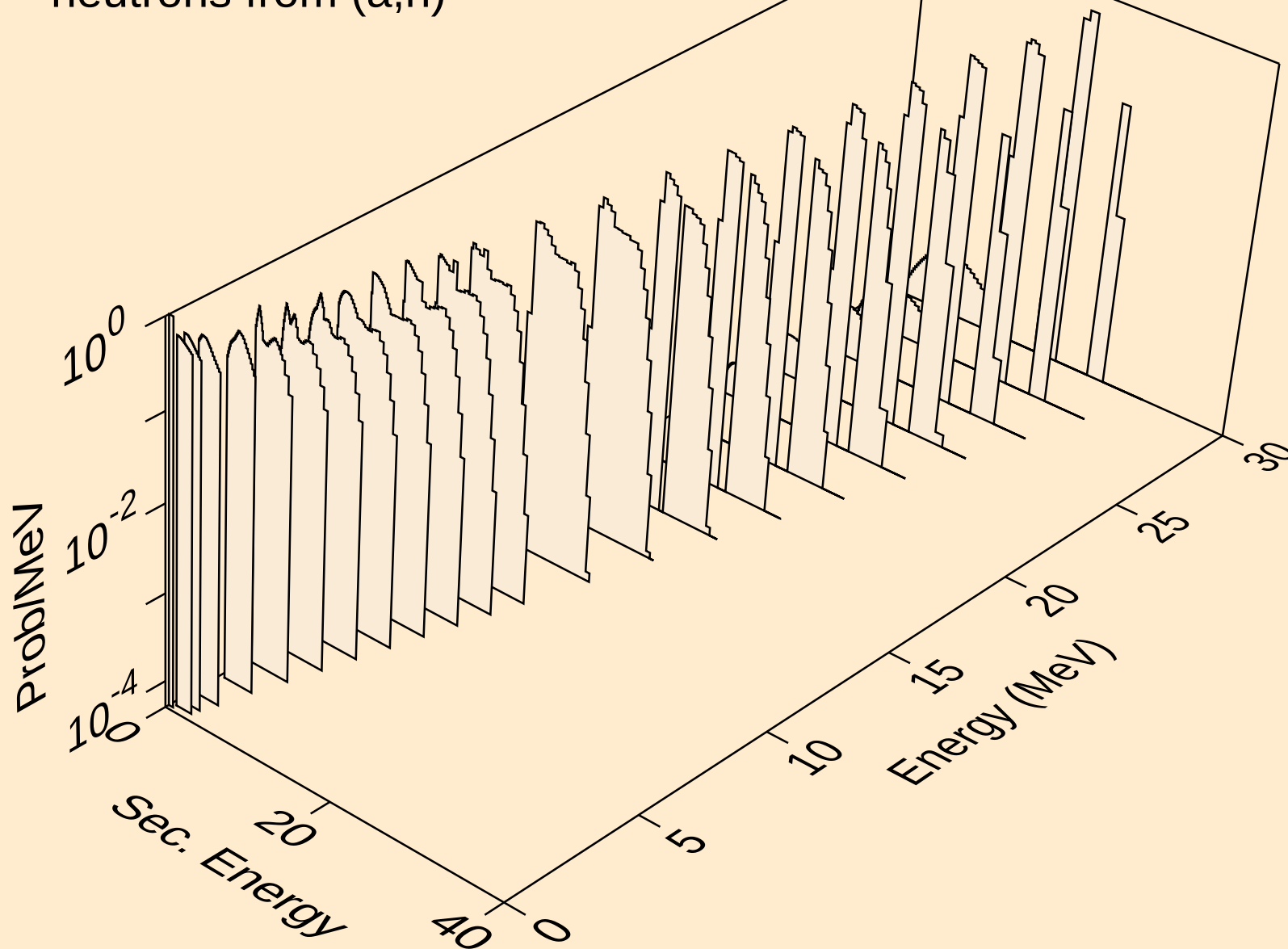


# N017 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

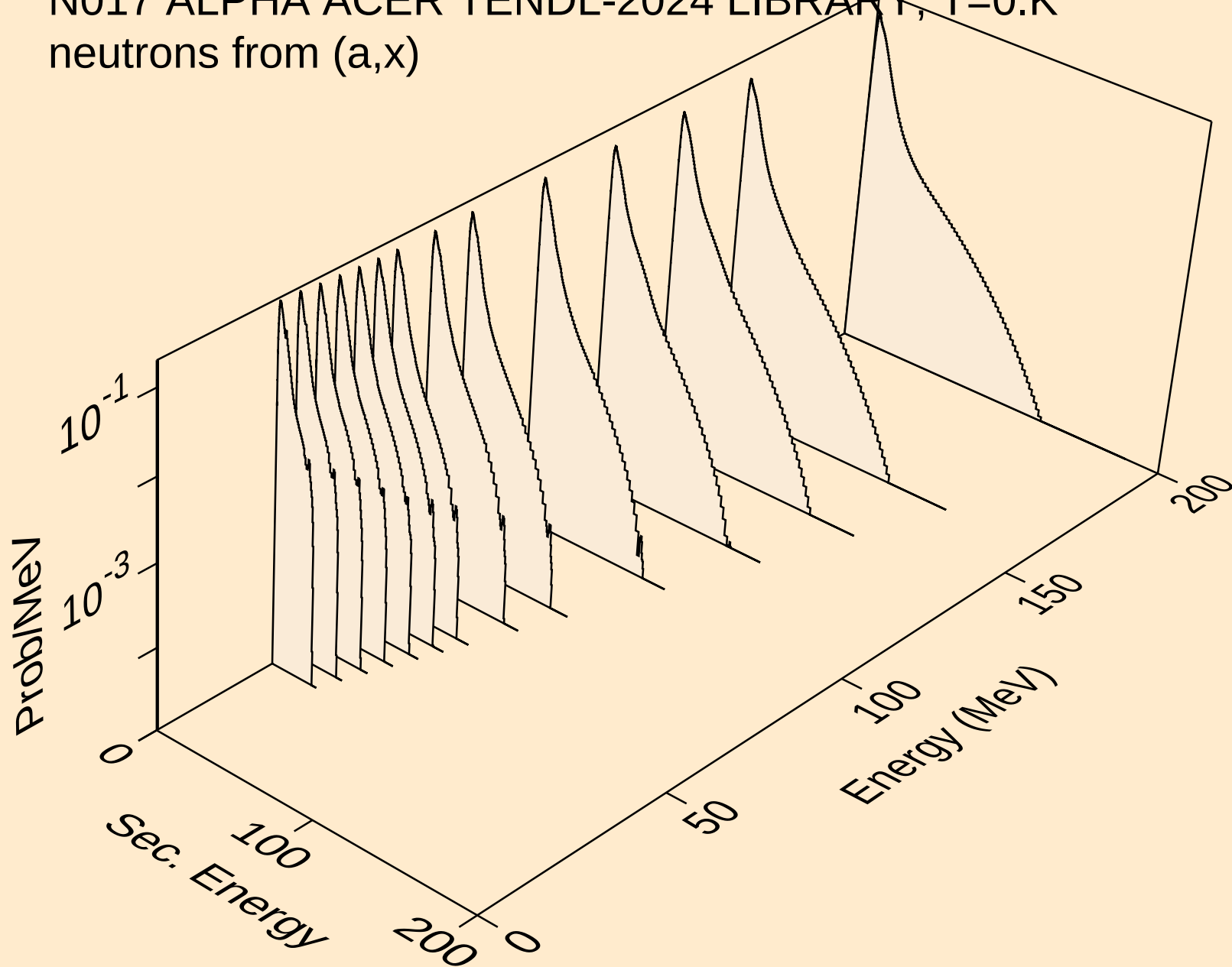
## Particle production cross sections



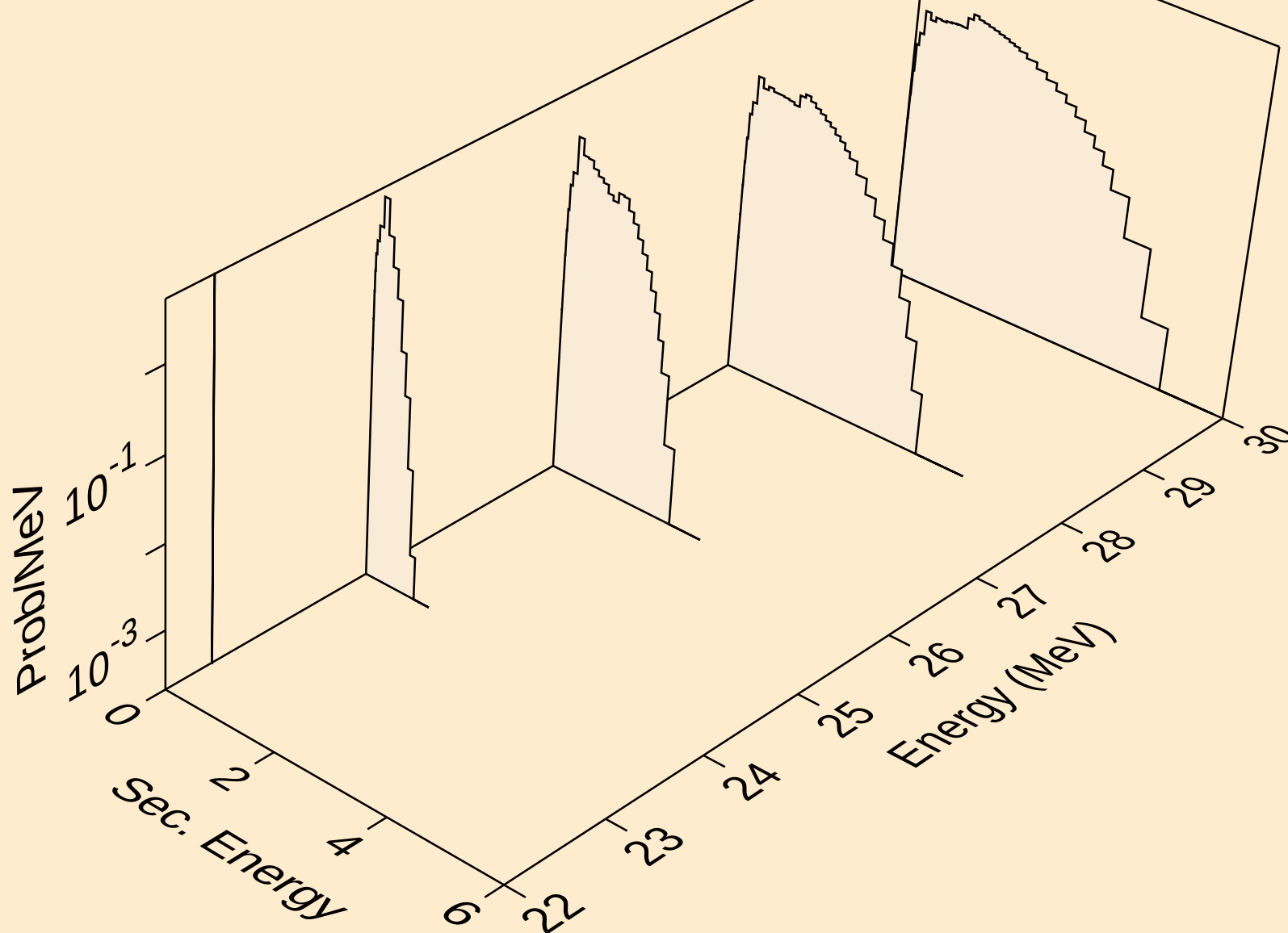
N017 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n)



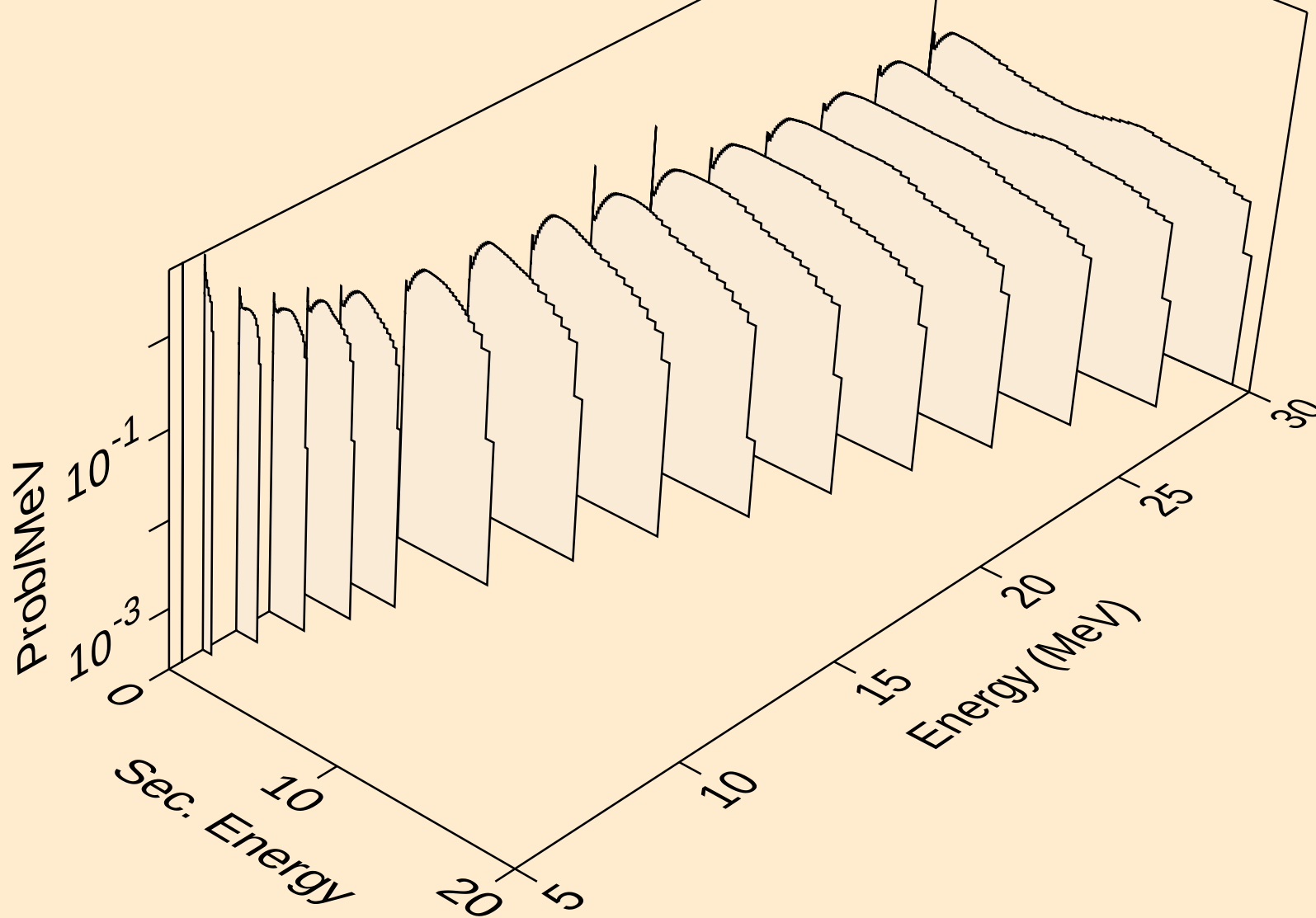
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neutrons from (a,x)



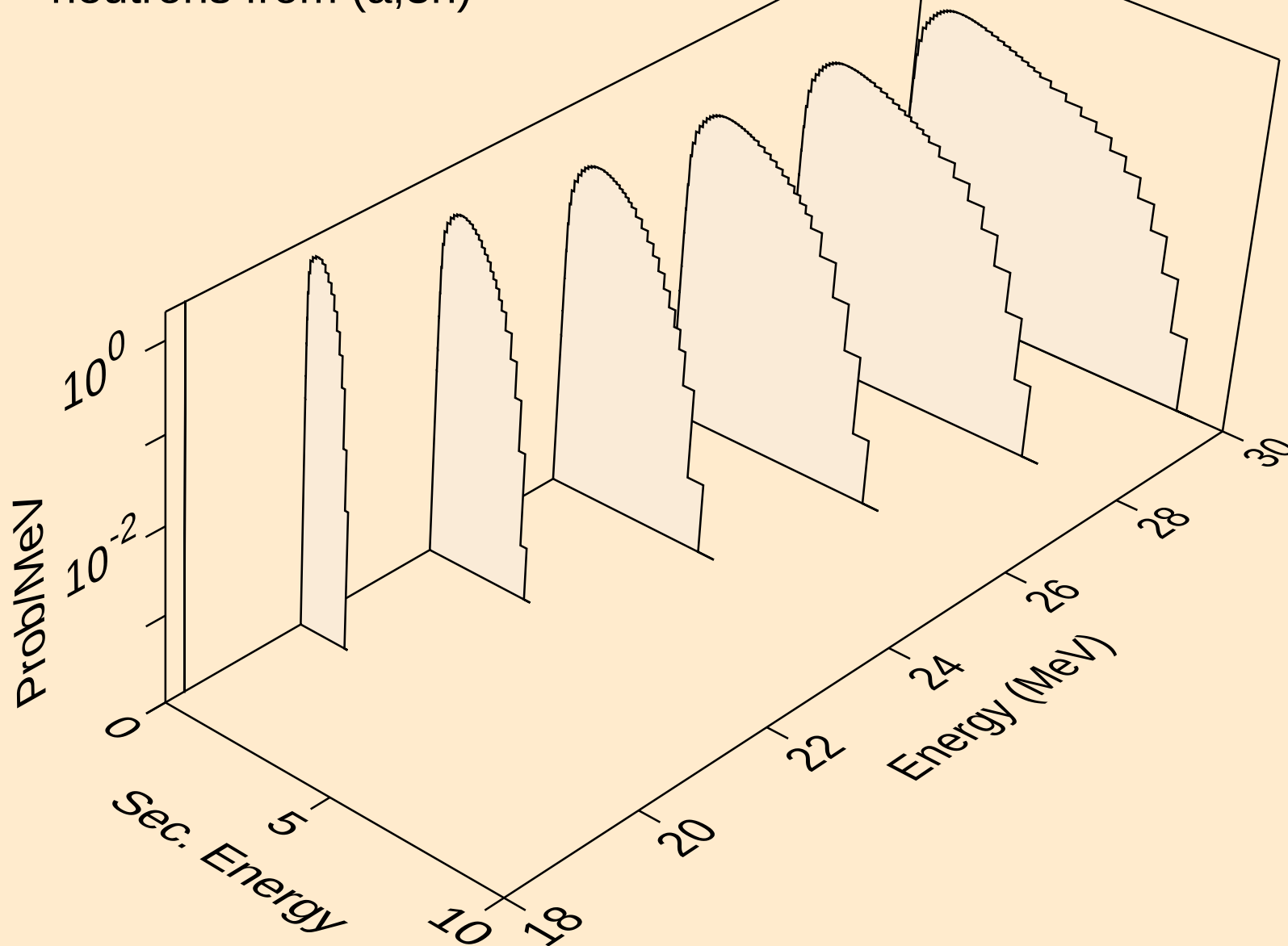
N017 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,2nd)



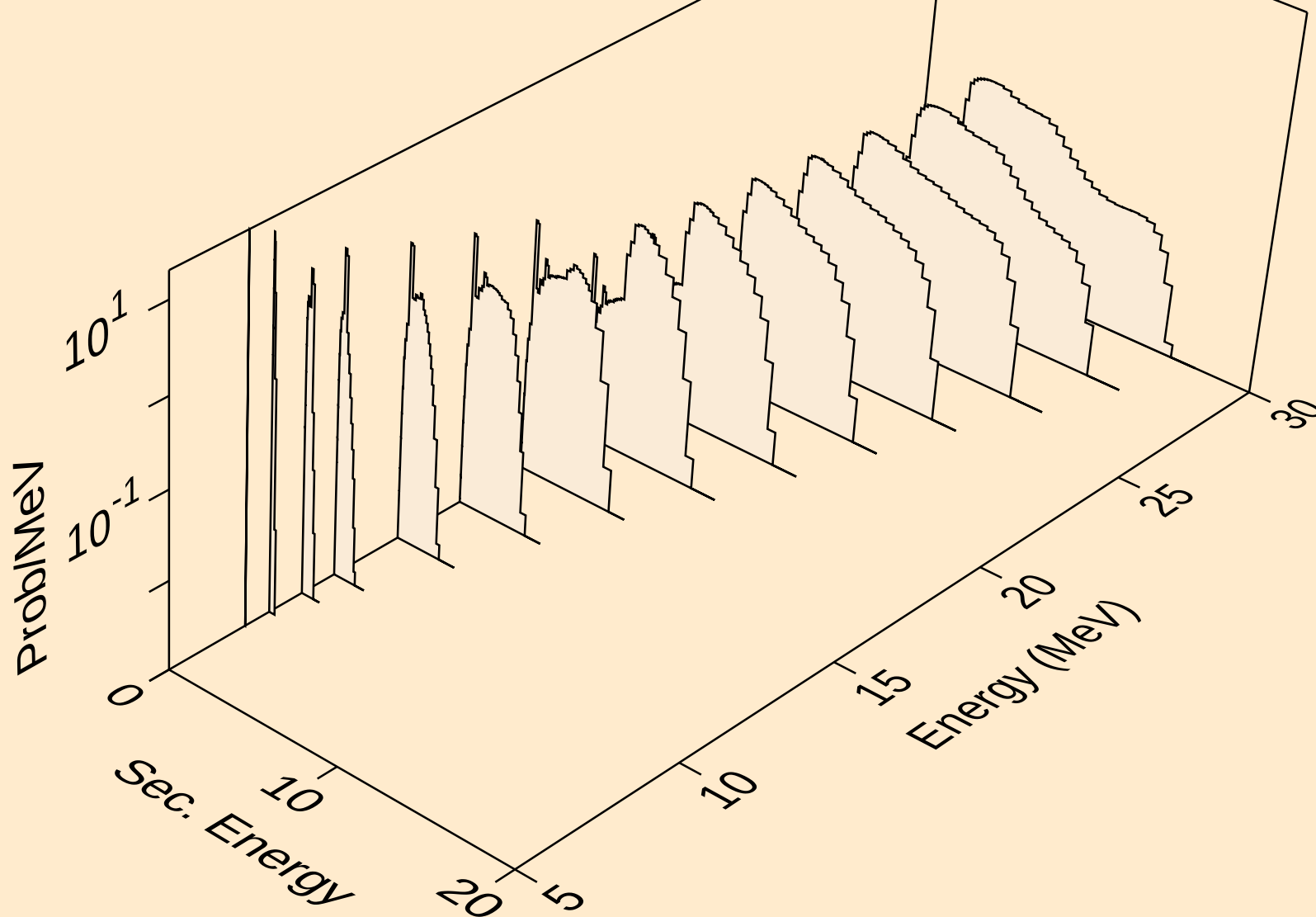
N017 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,2n)



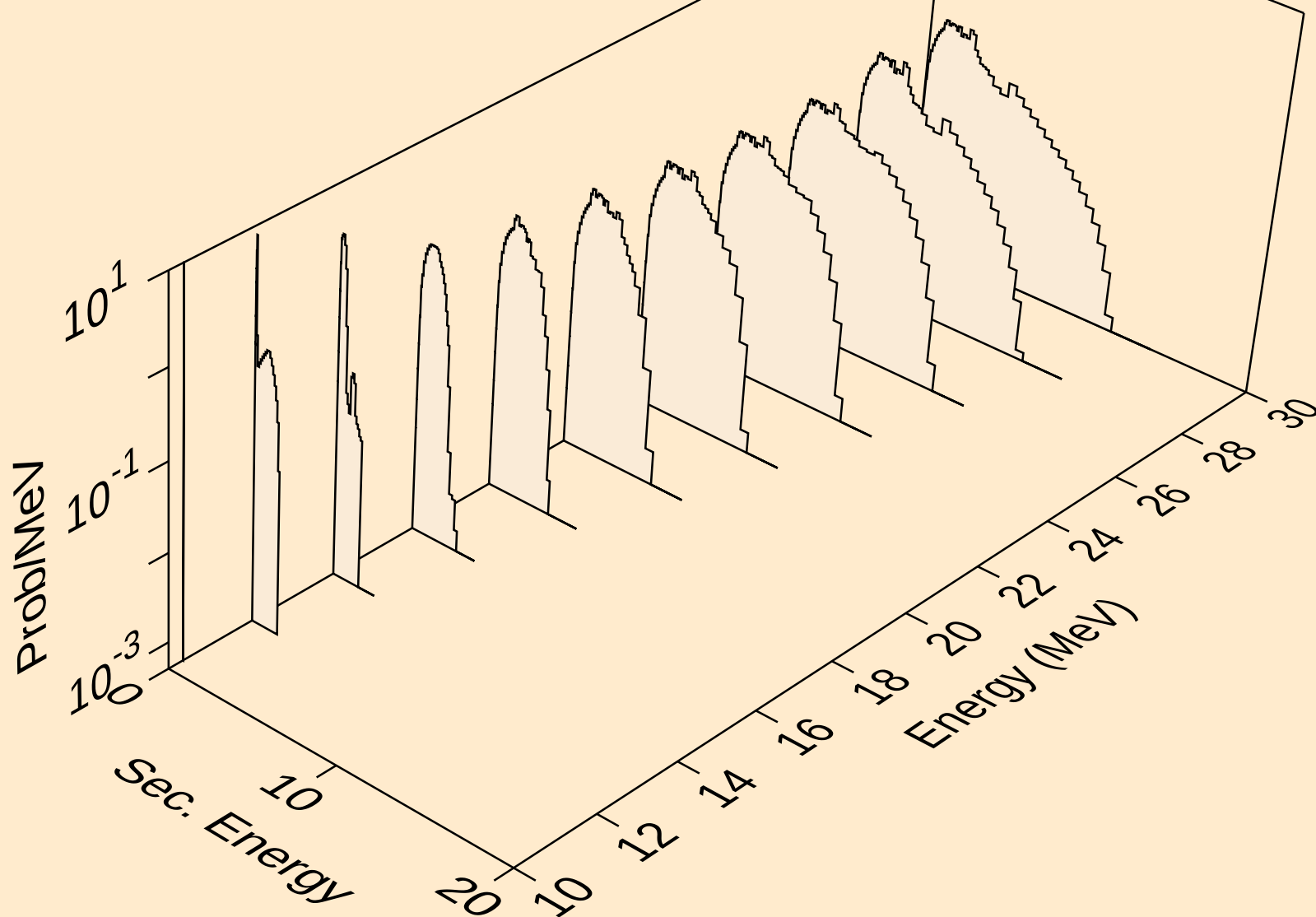
N017 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,3n)



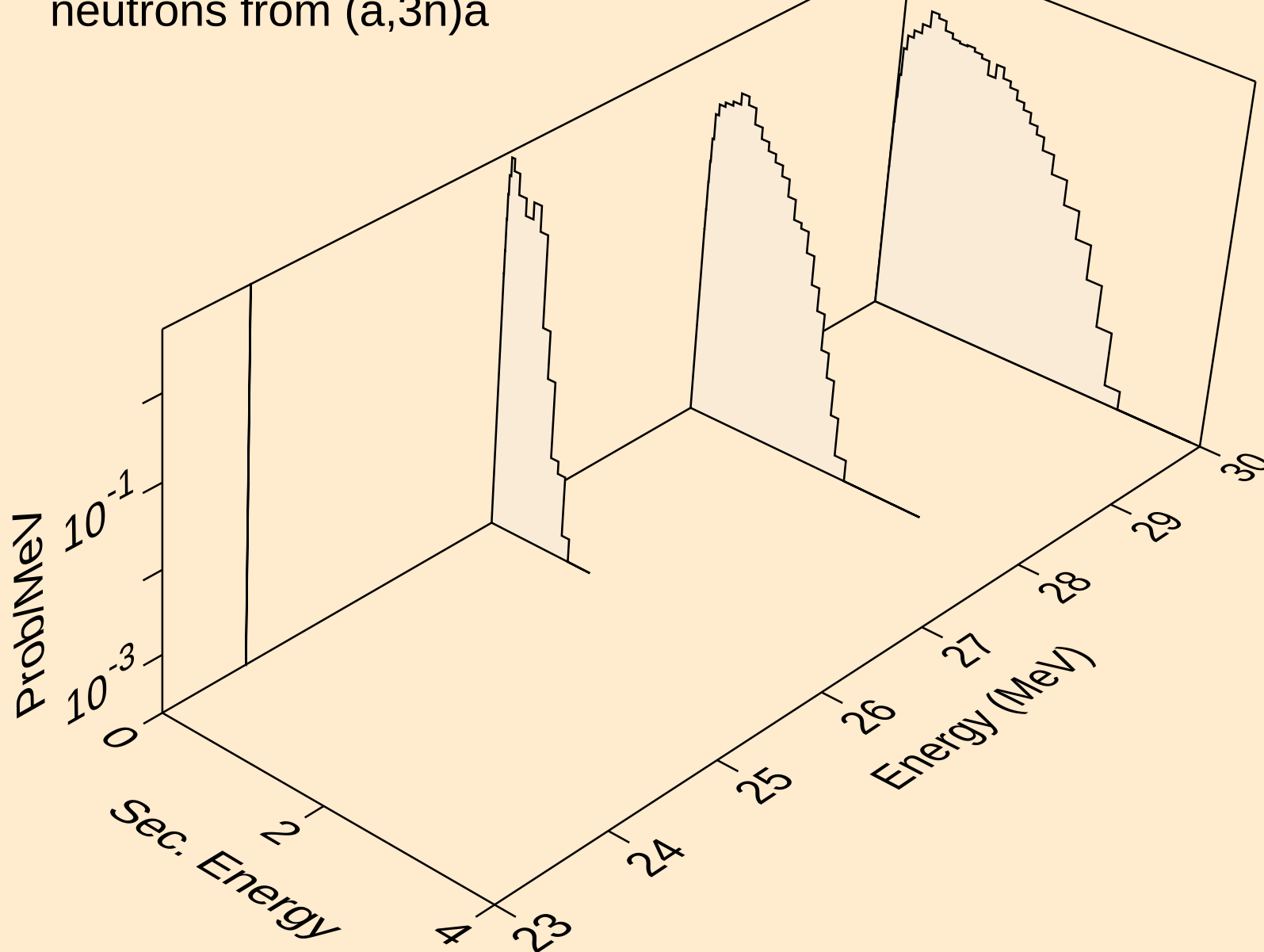
N017 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)a



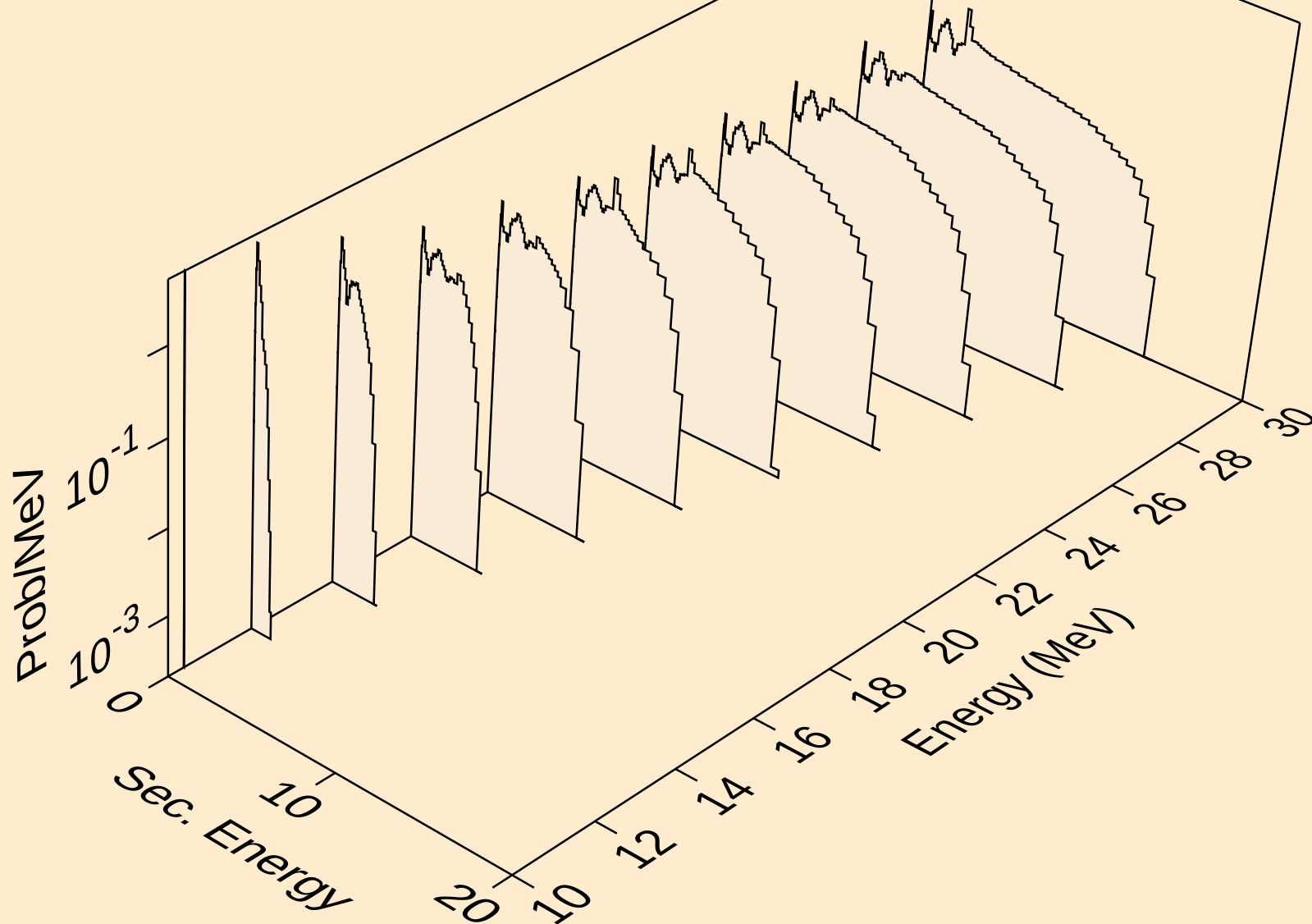
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neutrons from (a,2n)a



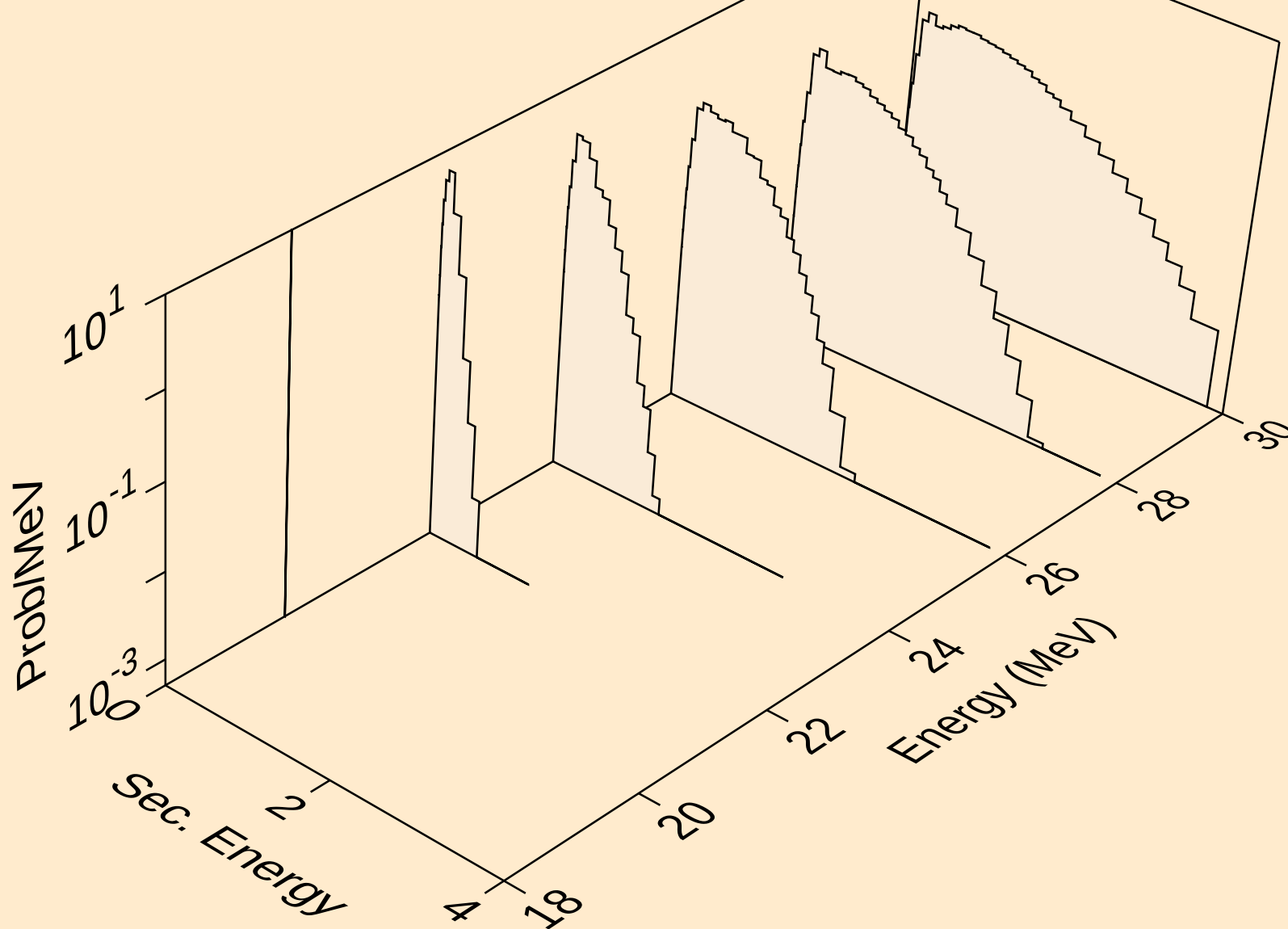
N017 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,3n)a



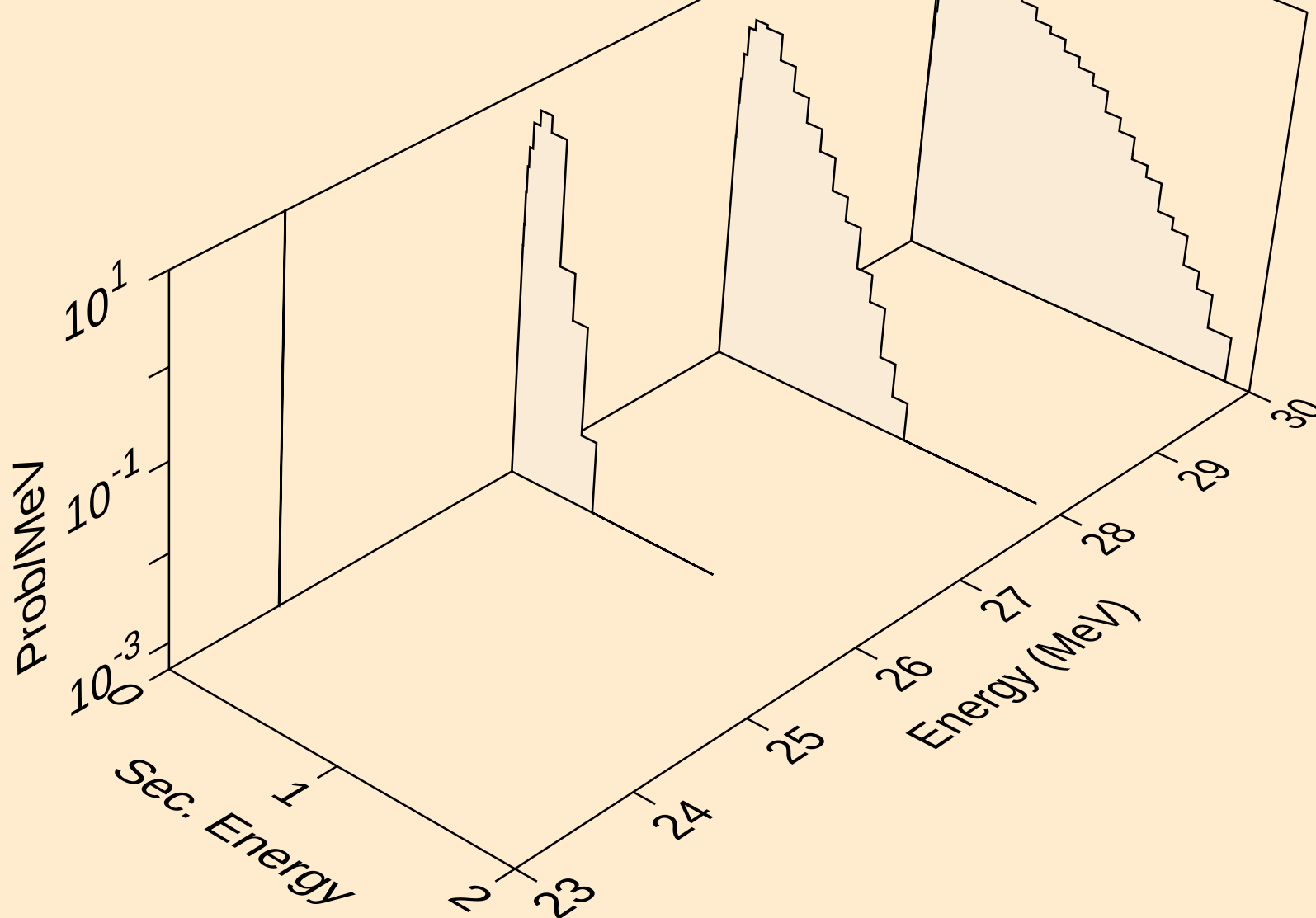
N017 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)p



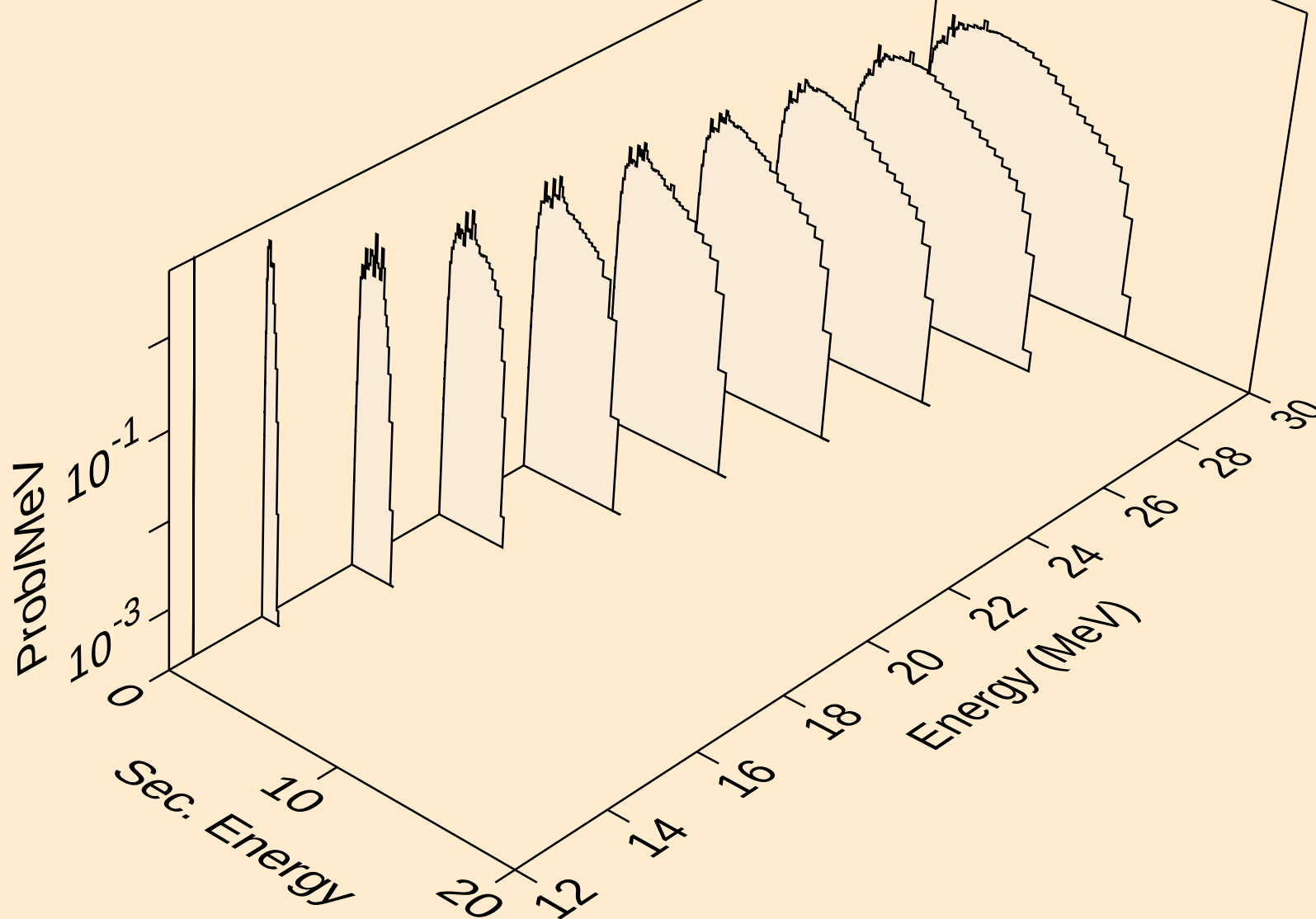
N017 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)2a



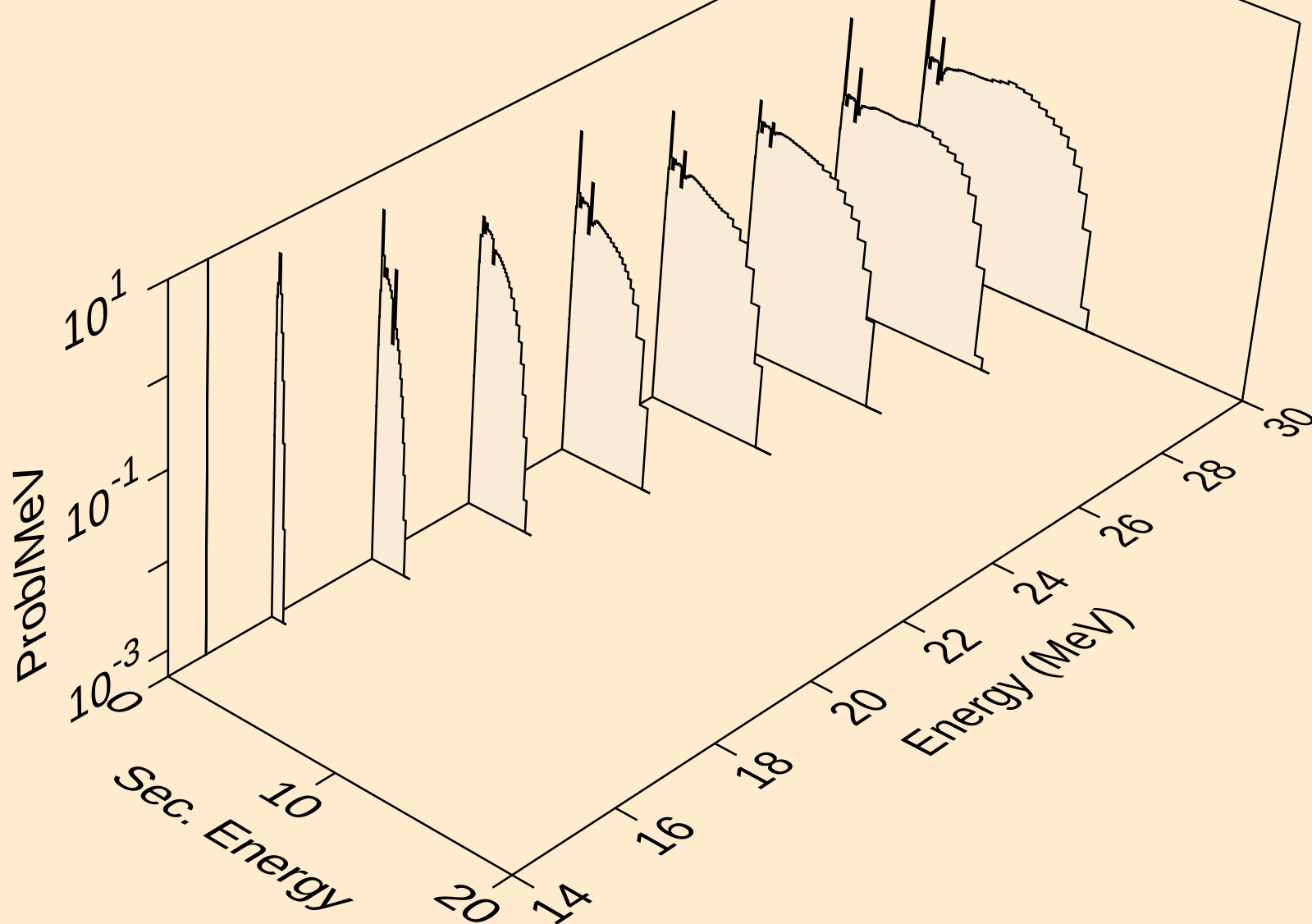
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neutrons from (a,2n)2a



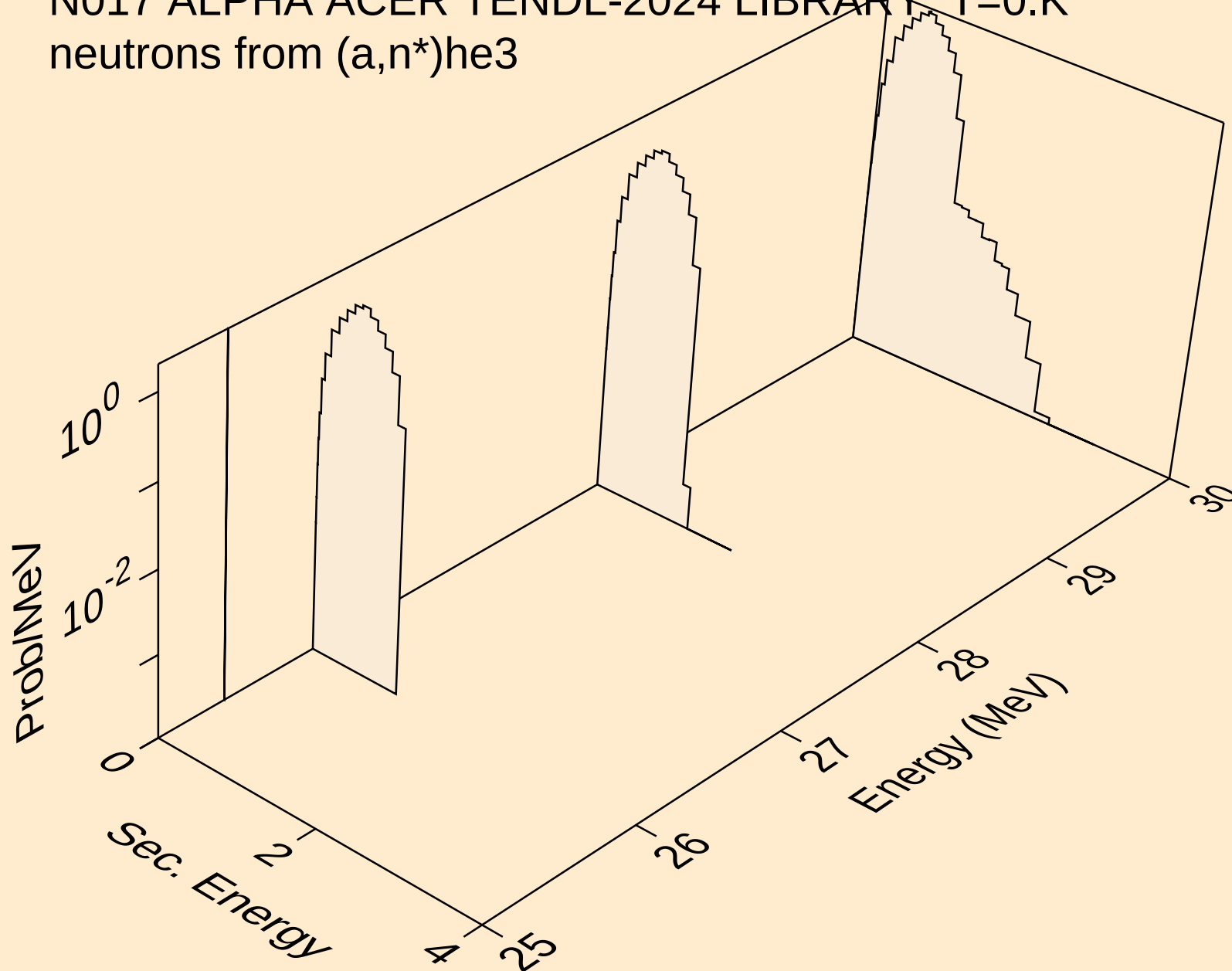
N017 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)d



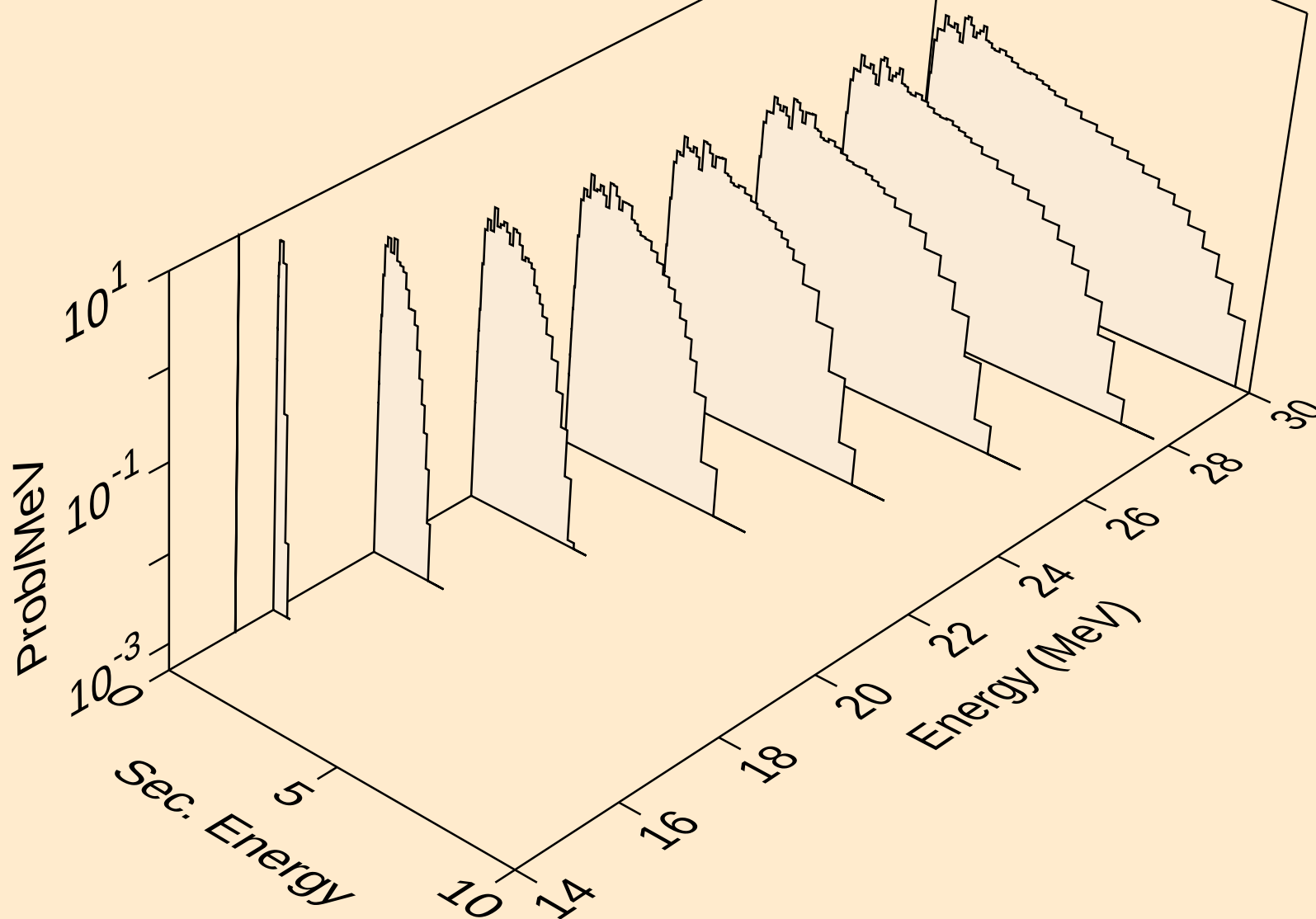
N017 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)t



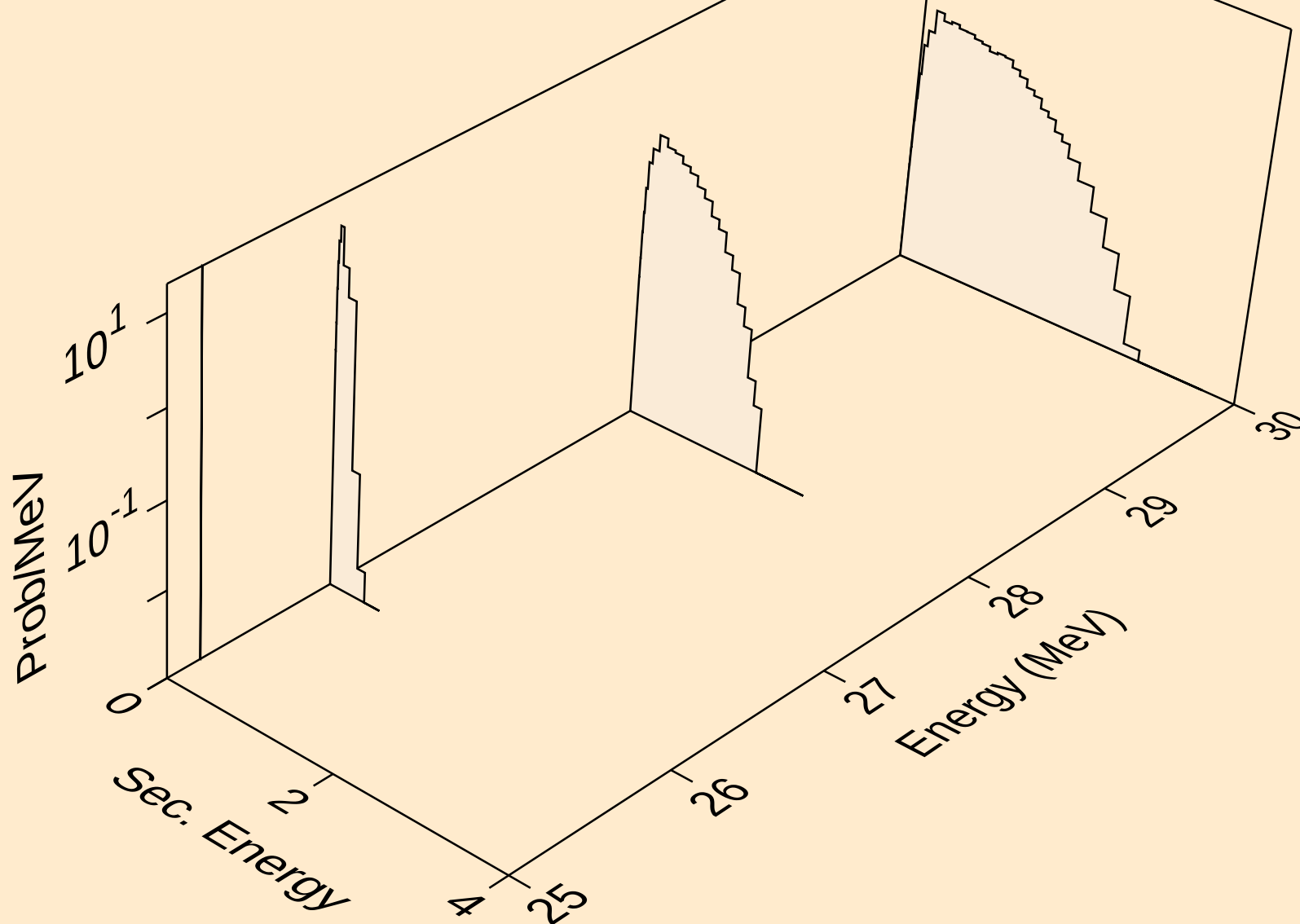
N017 ALPHA ACER TENDL-2024 LIBRARY: T=0.K  
neutrons from (a,n\*)he3



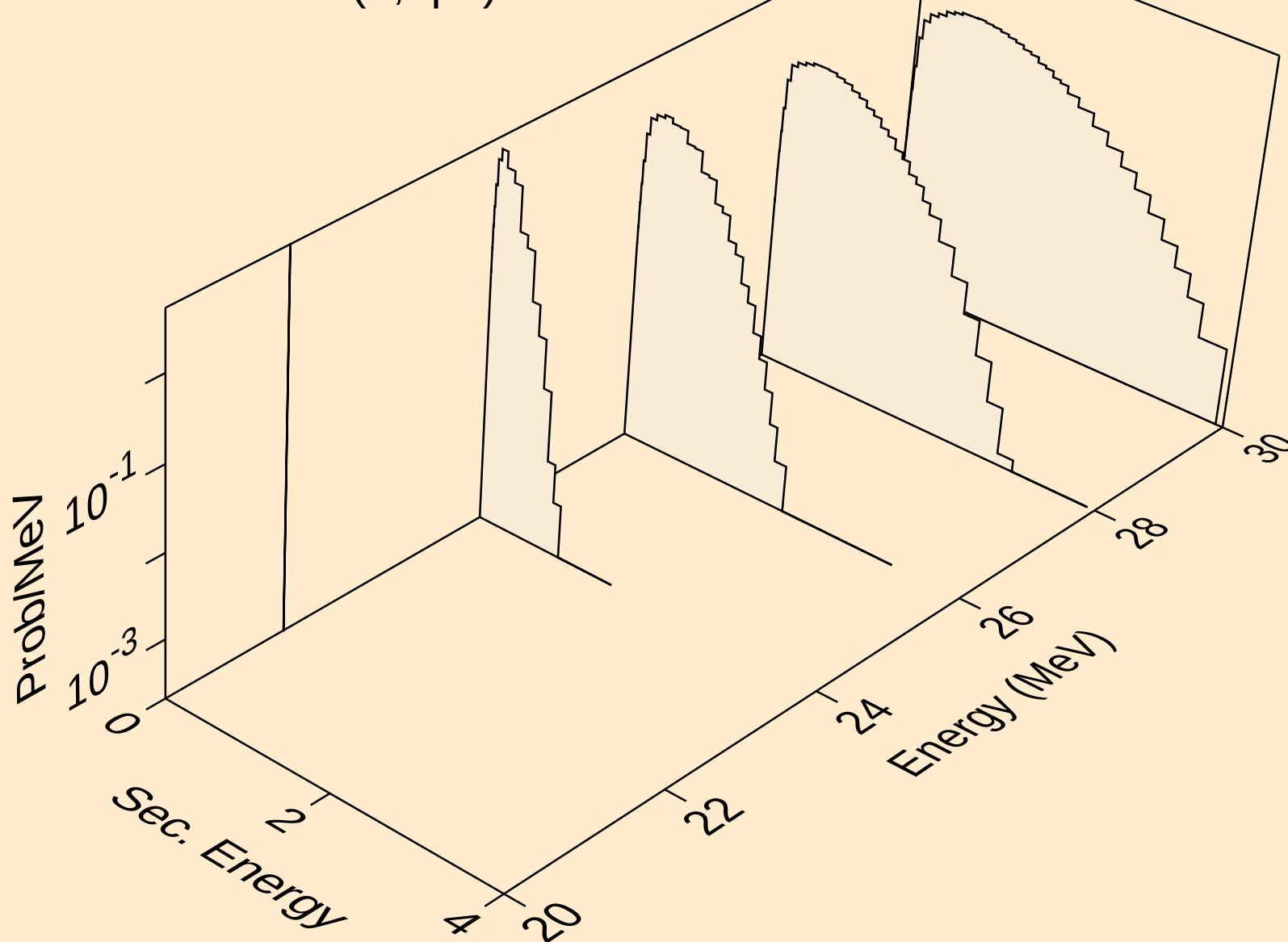
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neutrons from (a,2np)



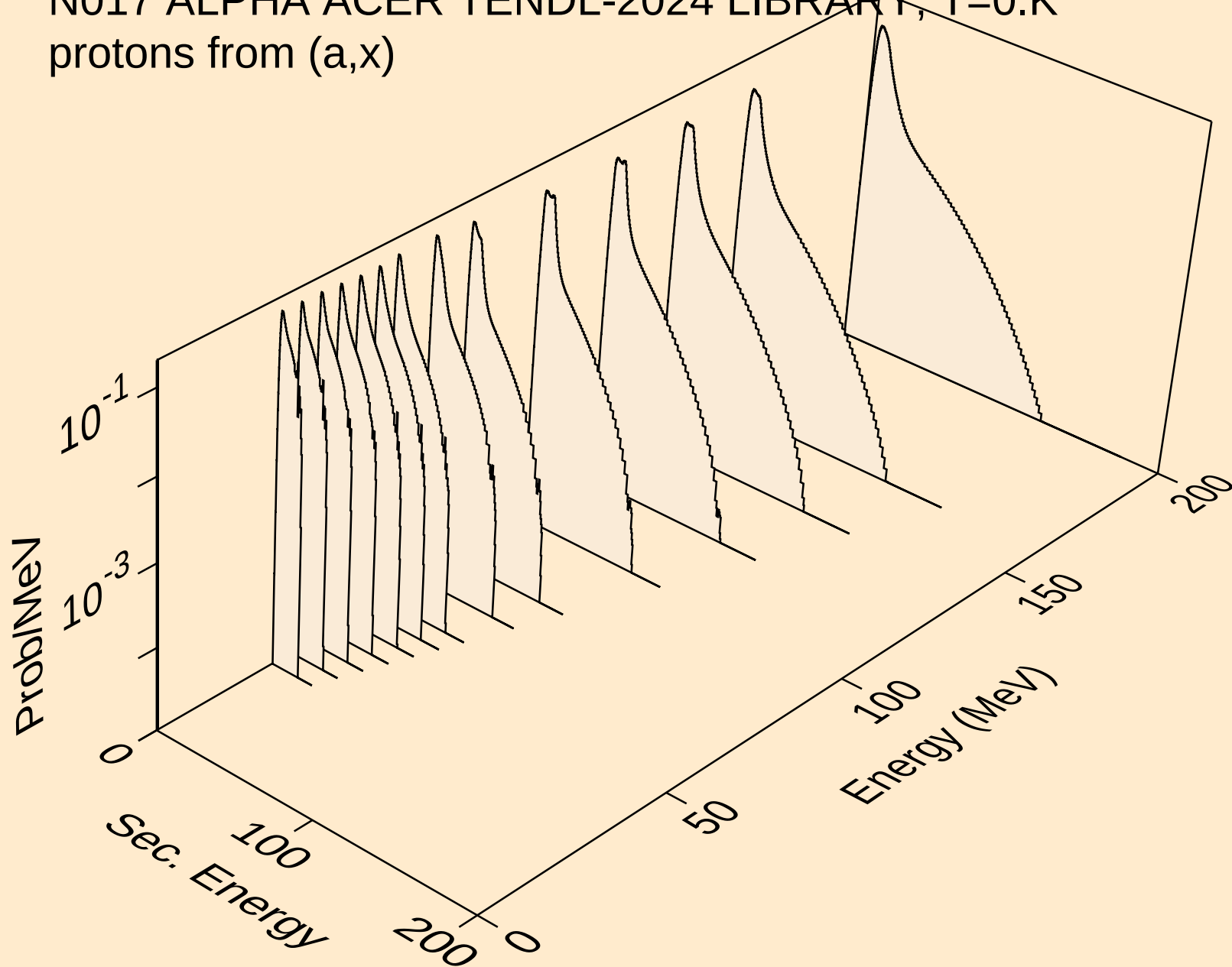
N017 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,3np)



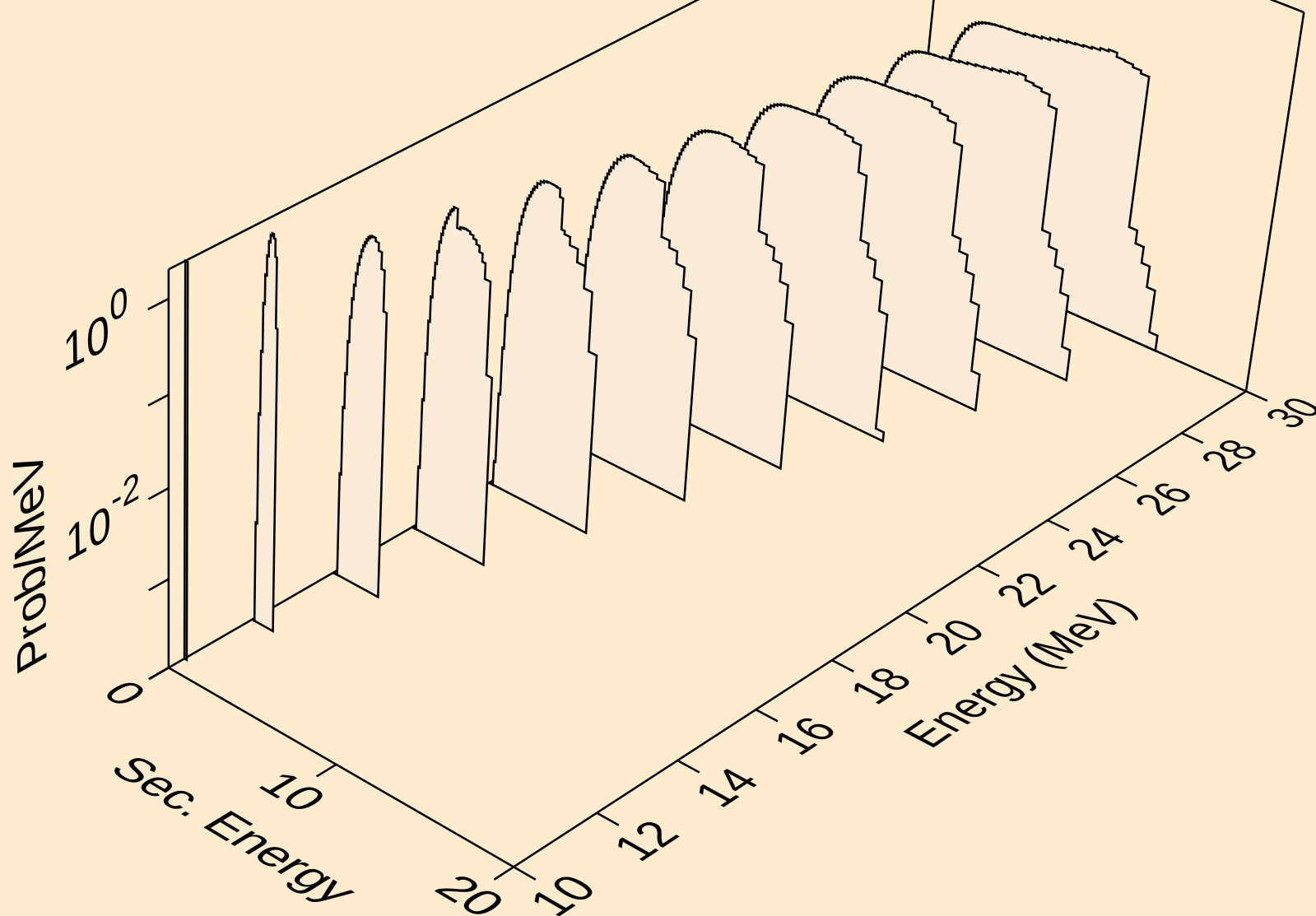
N017 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,npa)



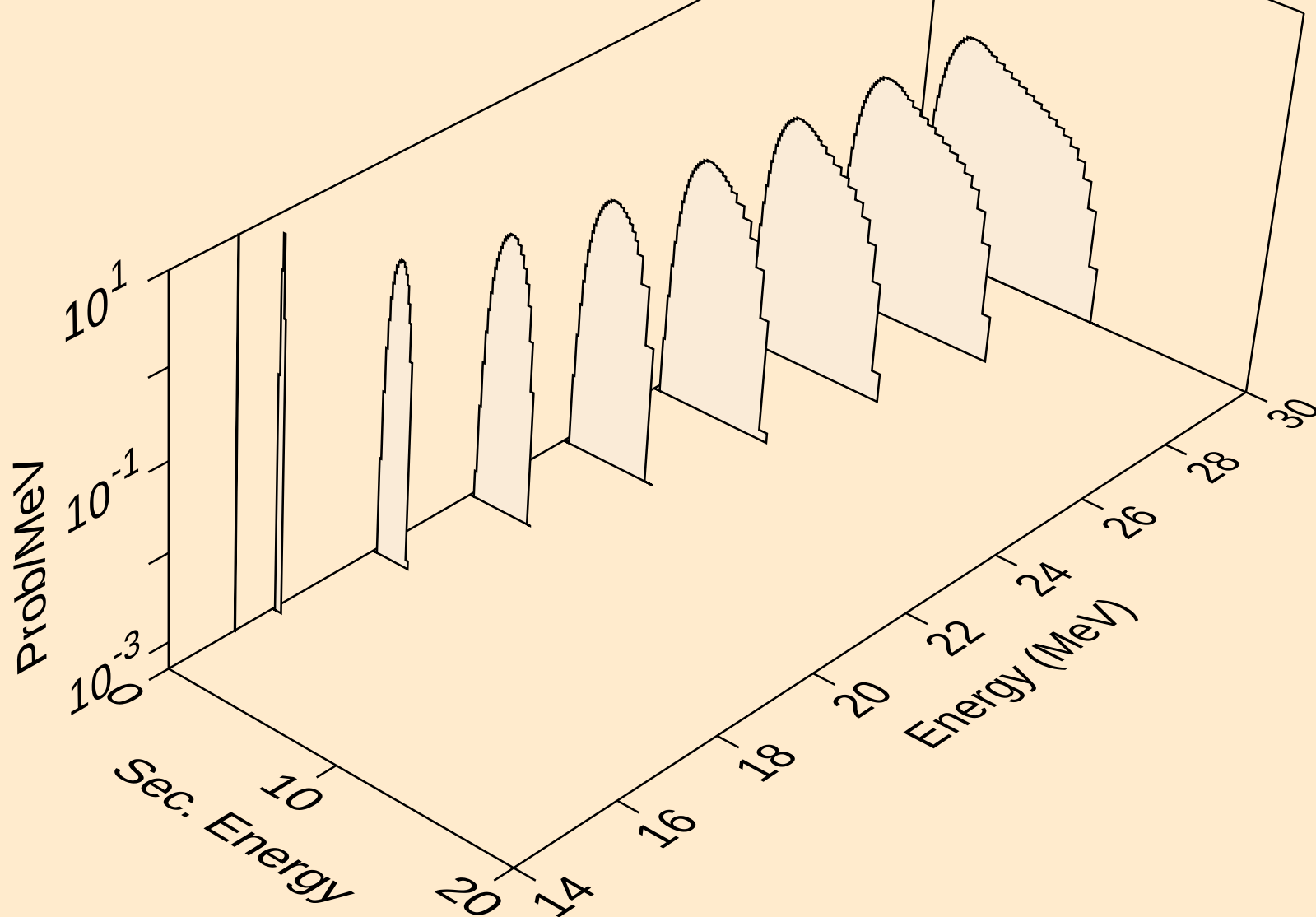
N017 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,x)



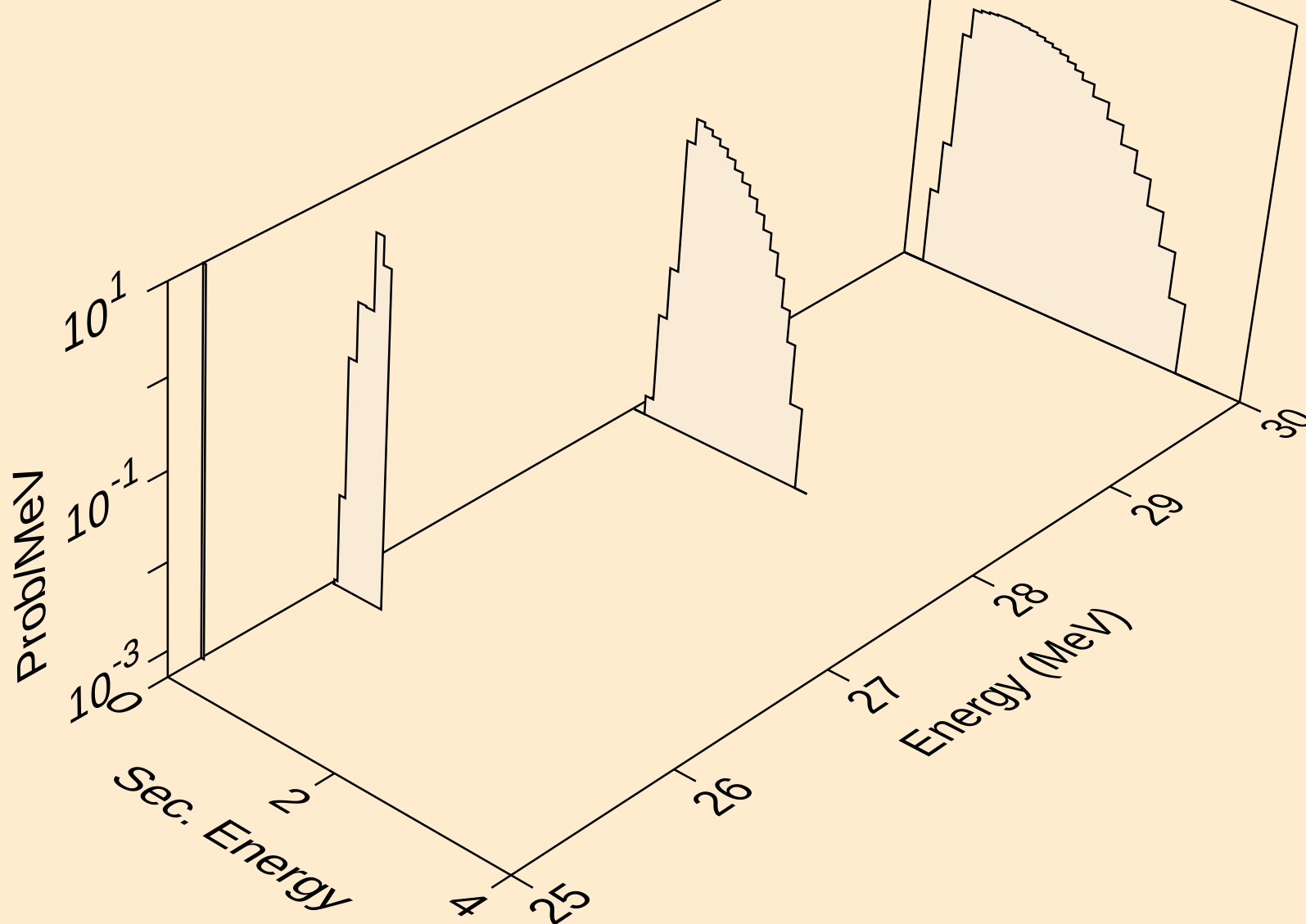
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protons from (a,n\*)p



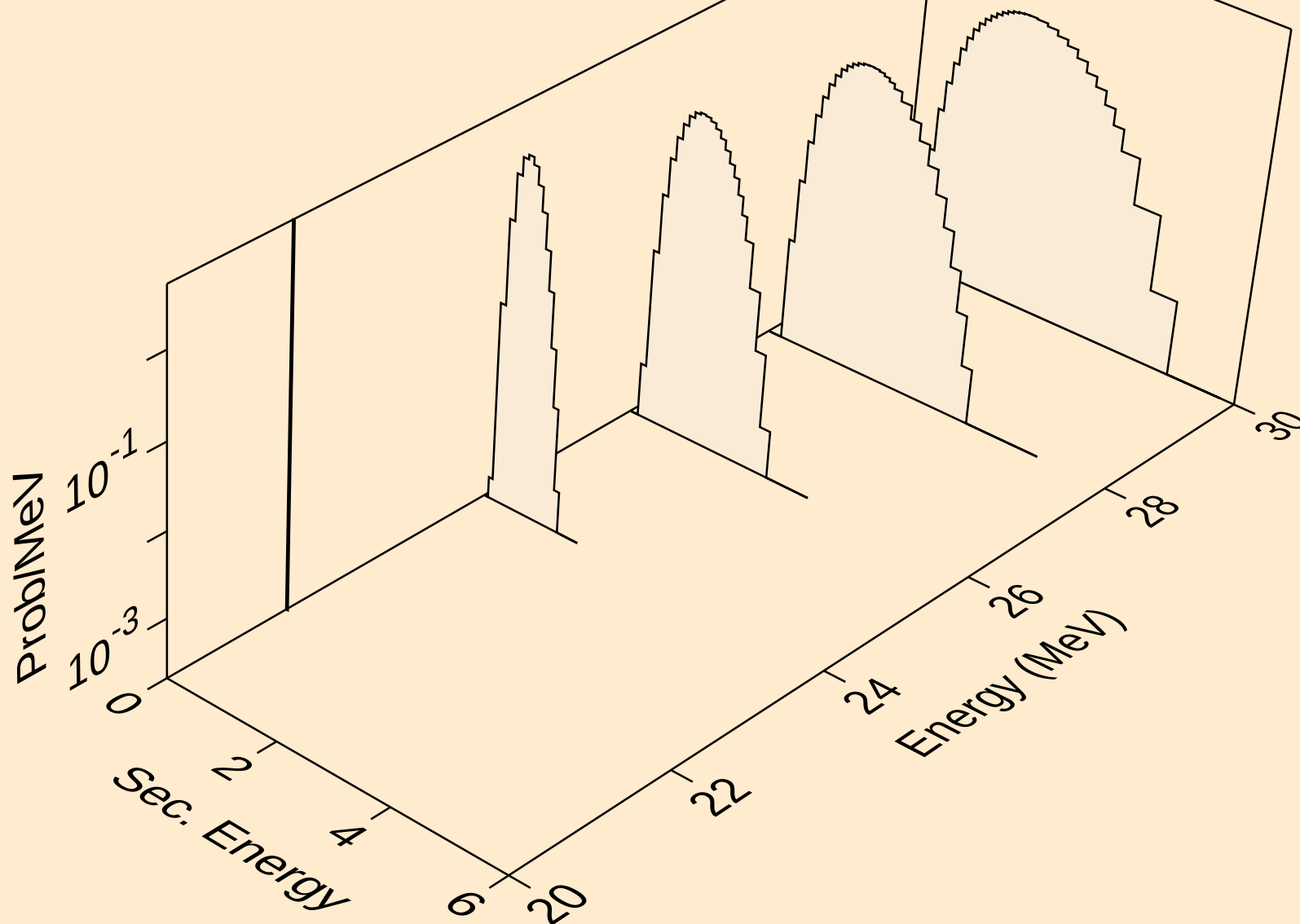
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protons from (a,2np)



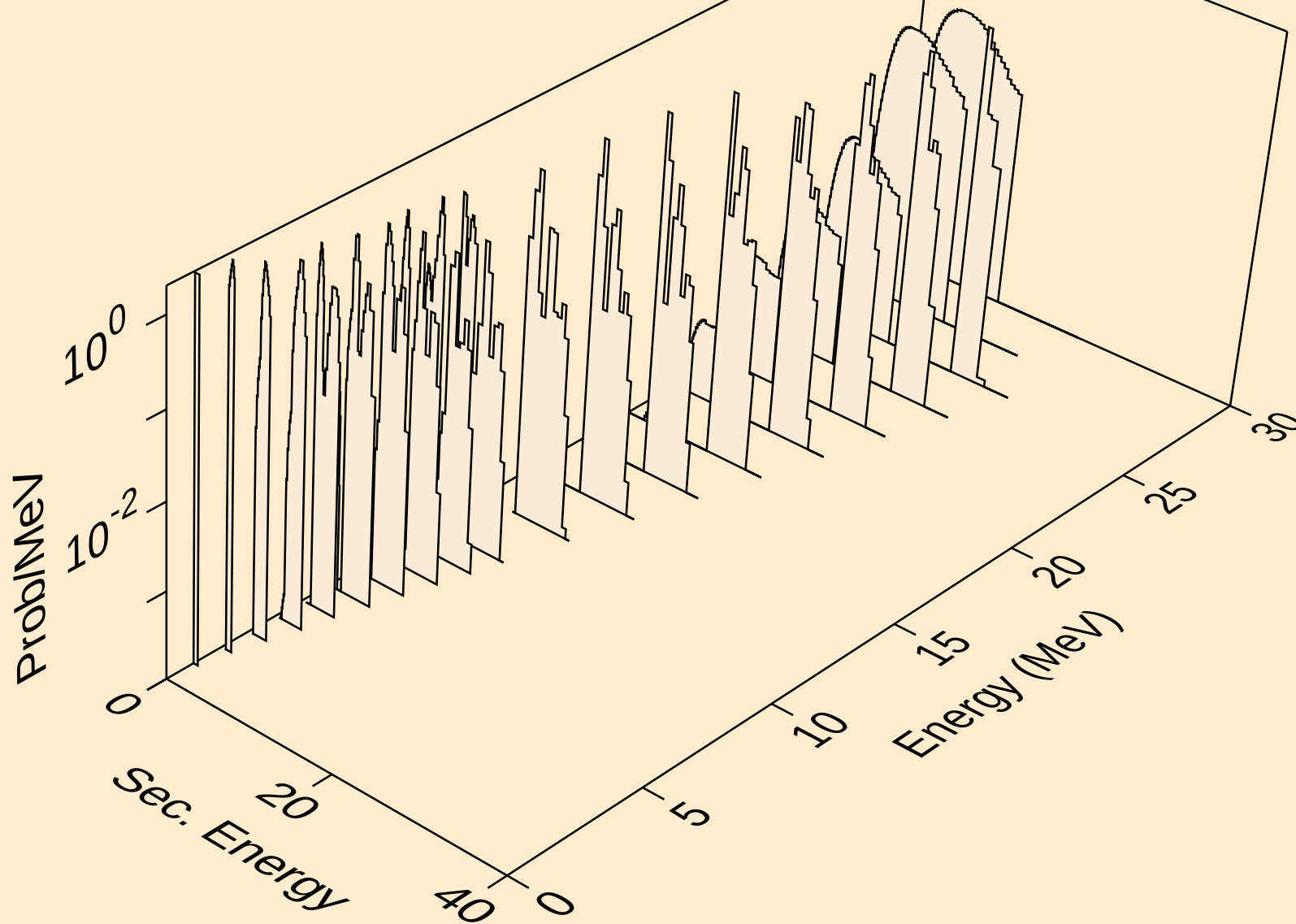
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protons from (a,3np)



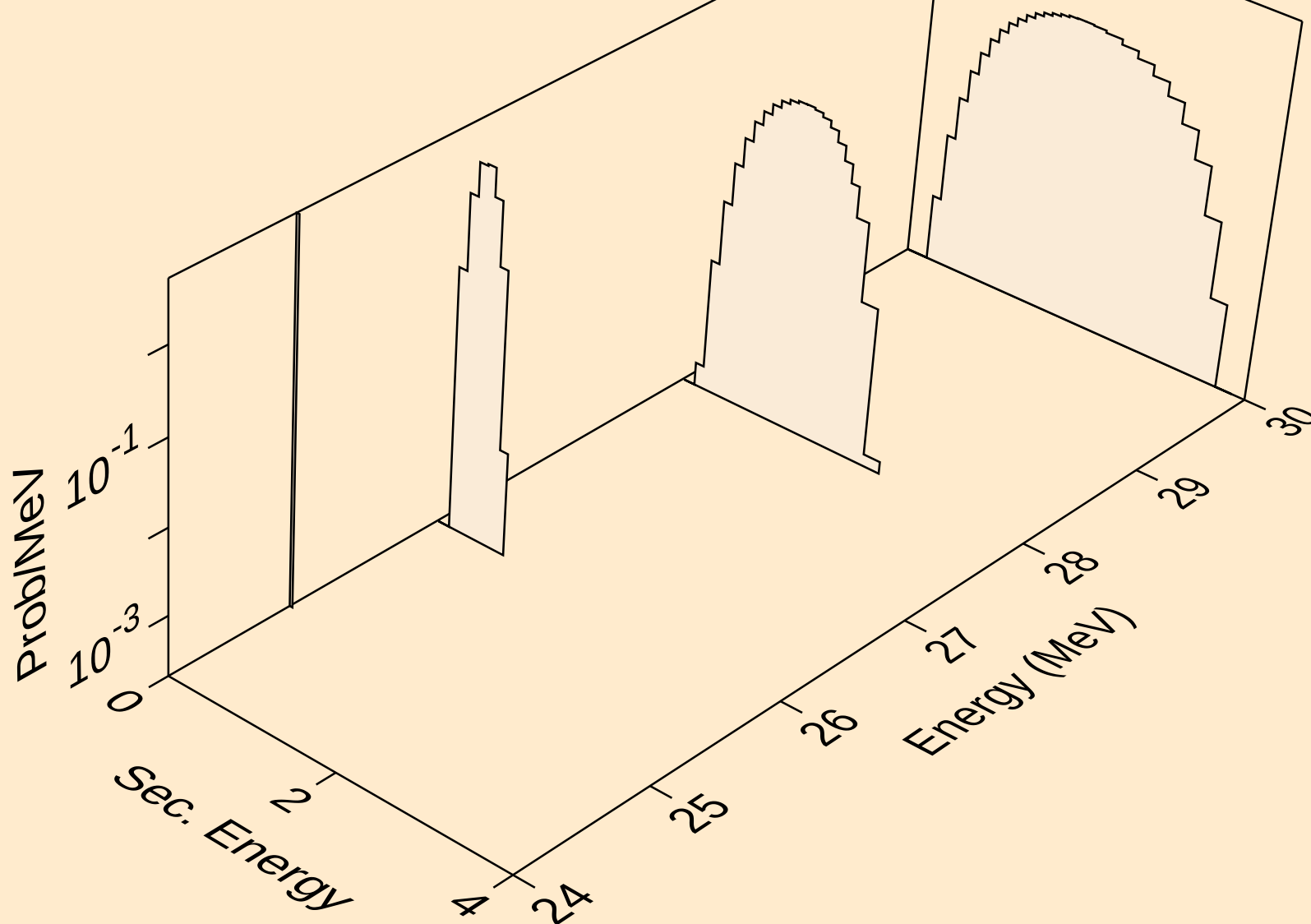
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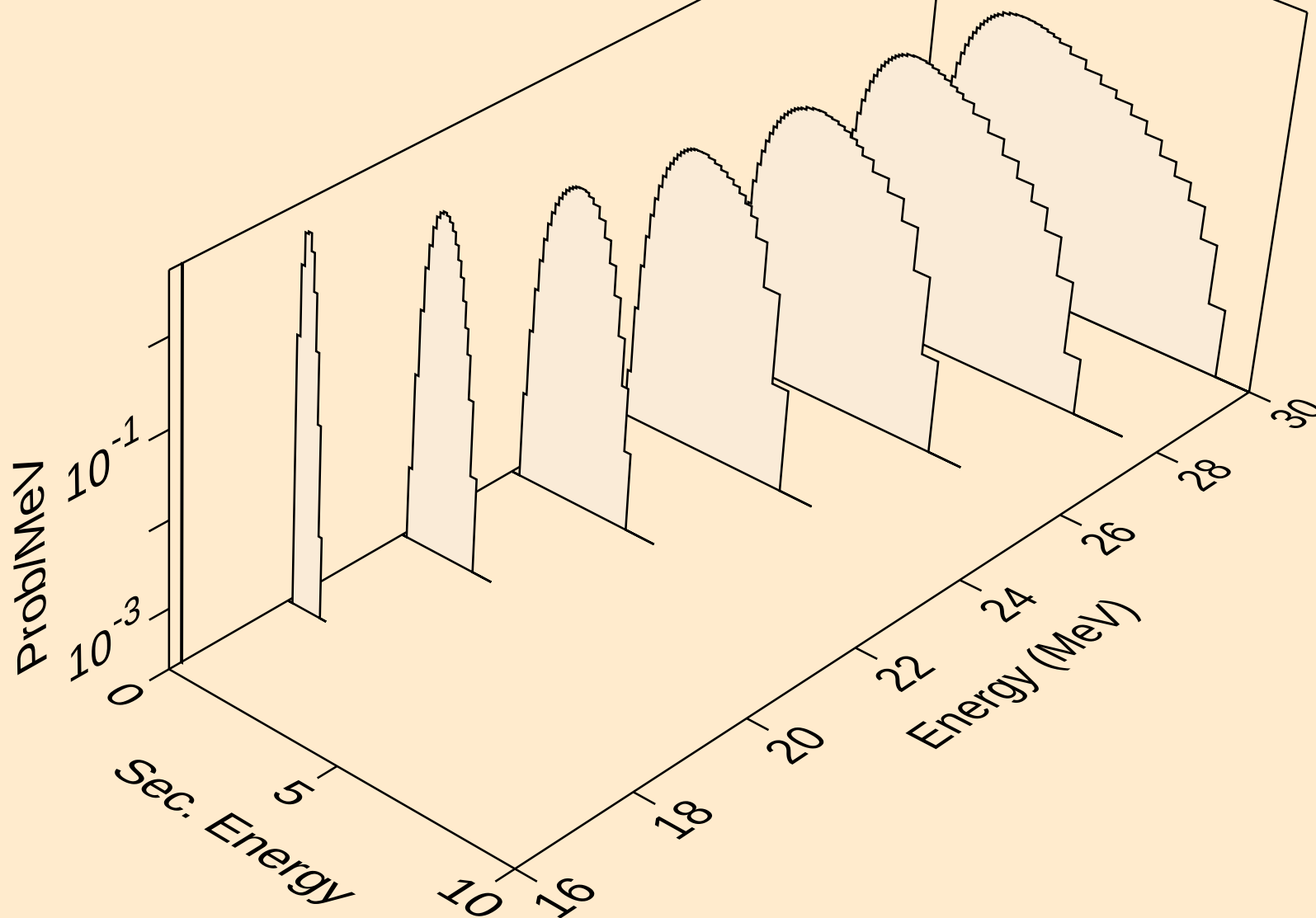
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protons from (a,p)



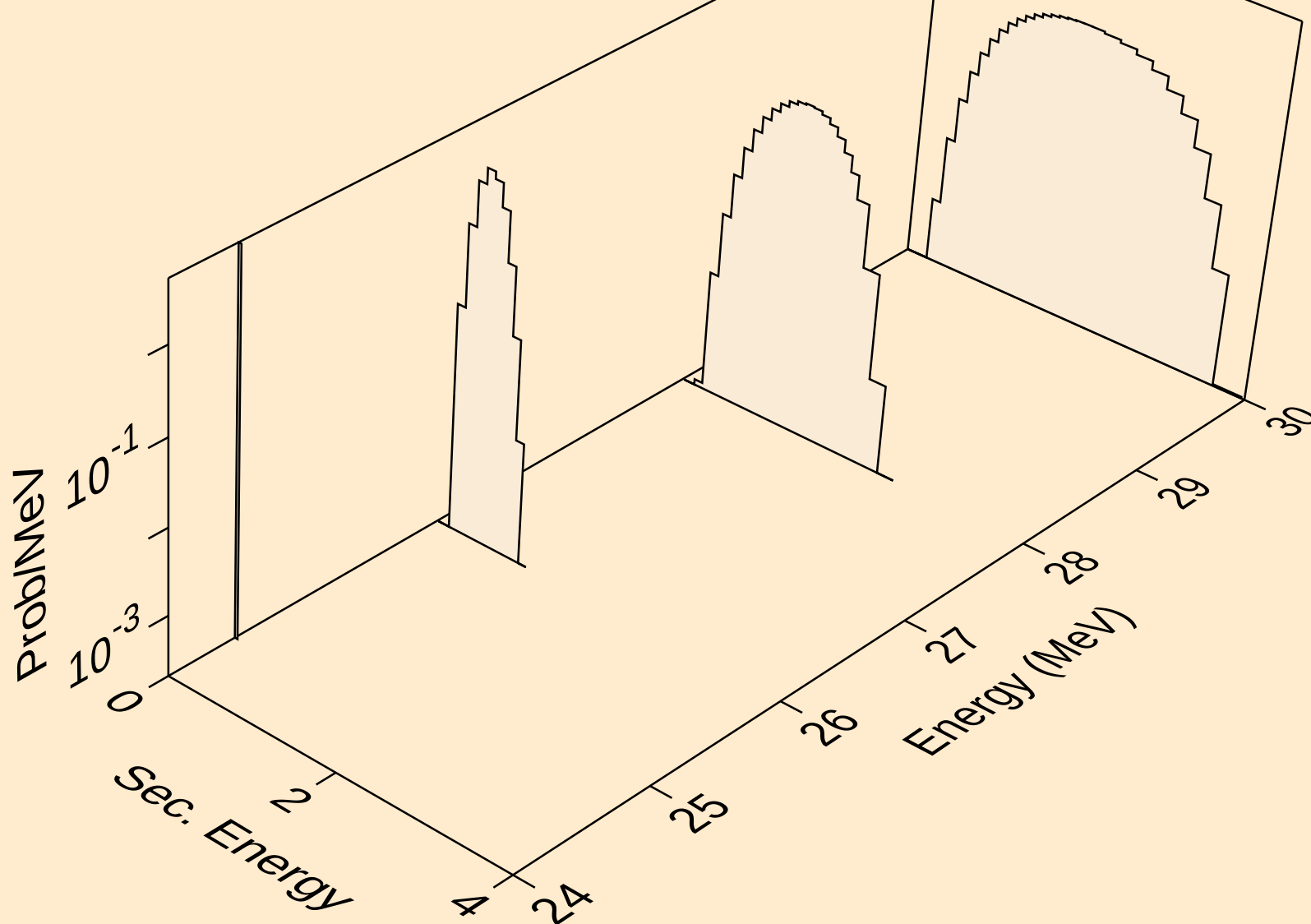
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protons from (a,2p)



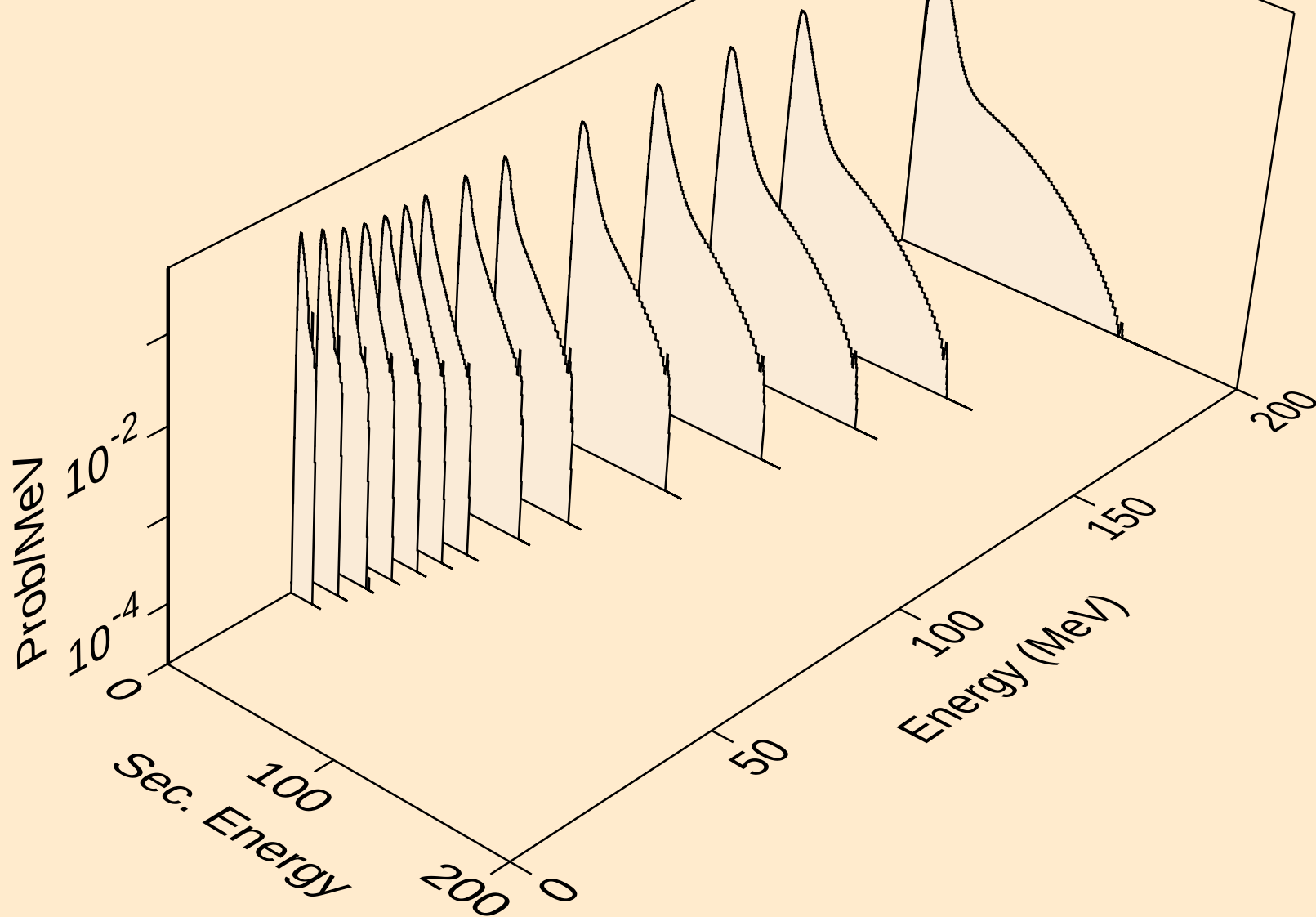
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protons from (a,pa)



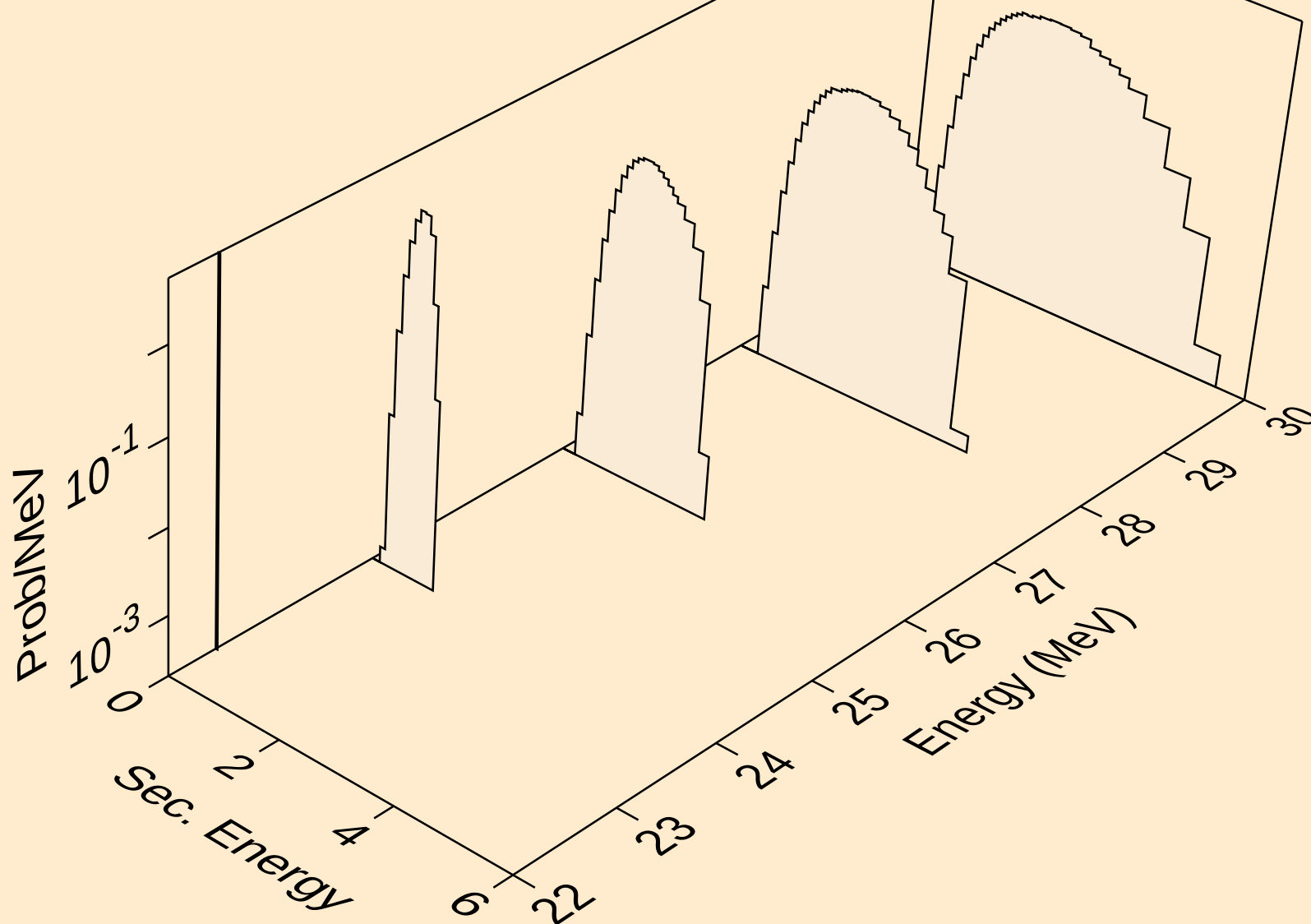
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protons from (a,pt)



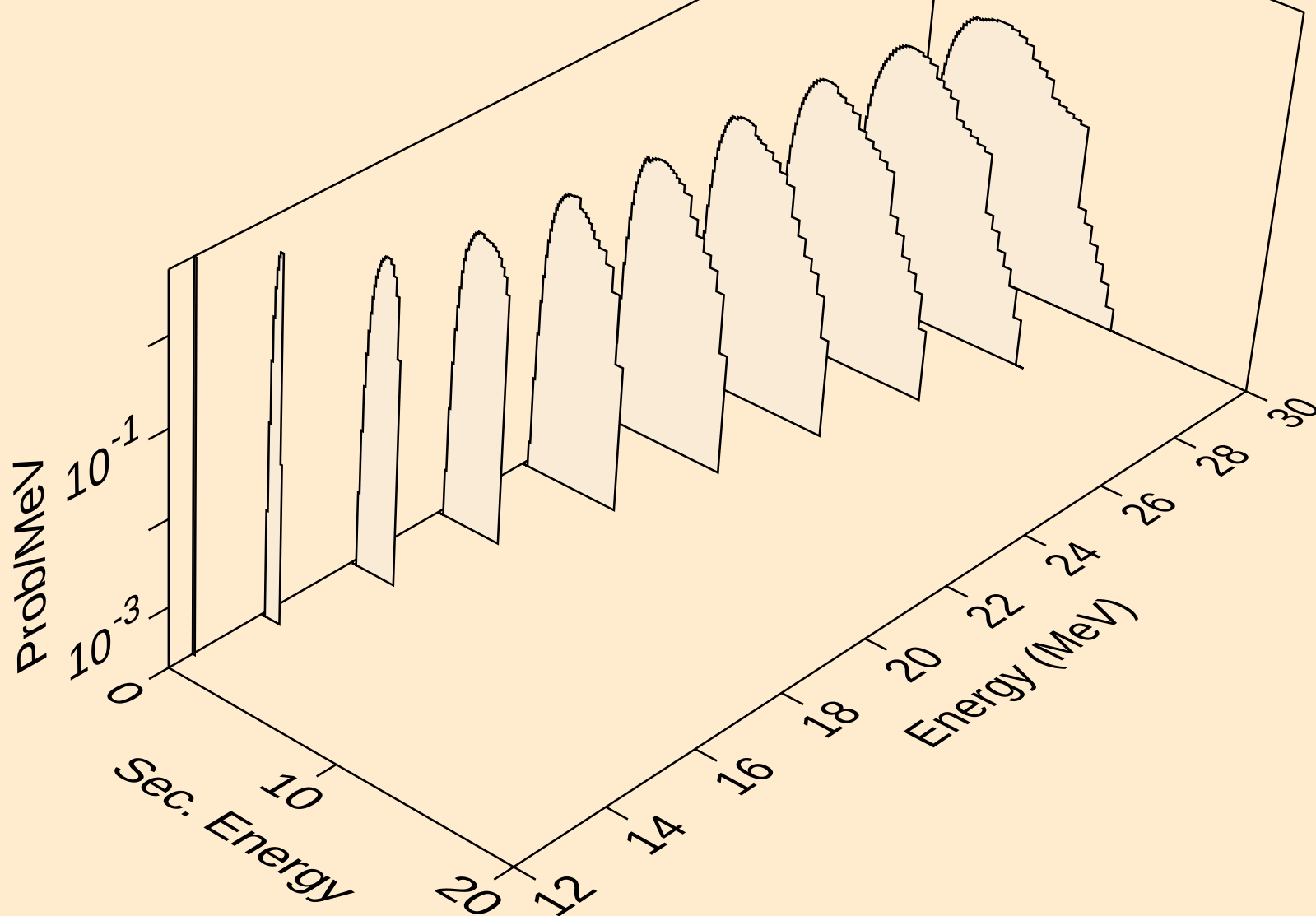
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deuterons from (a,x)



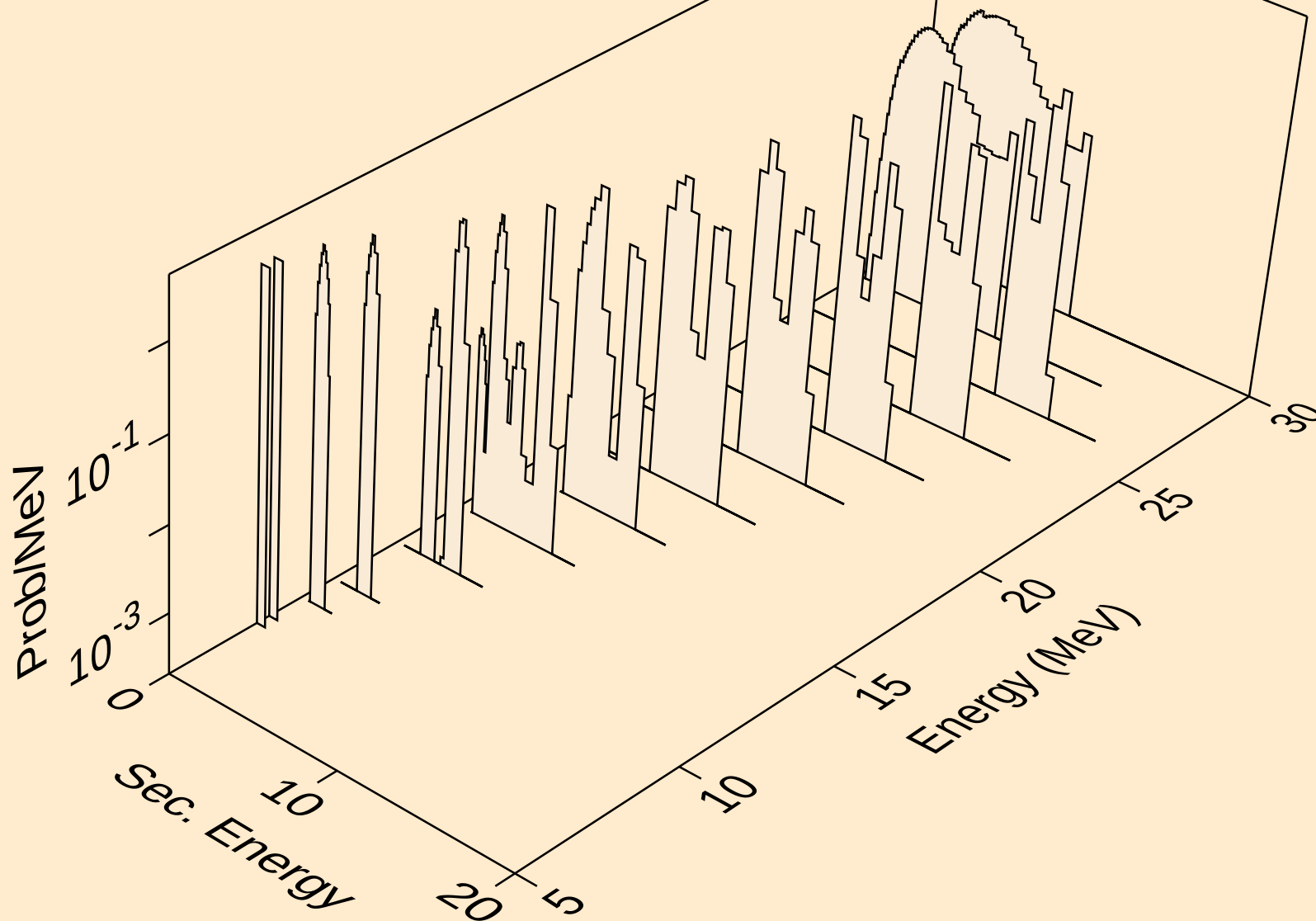
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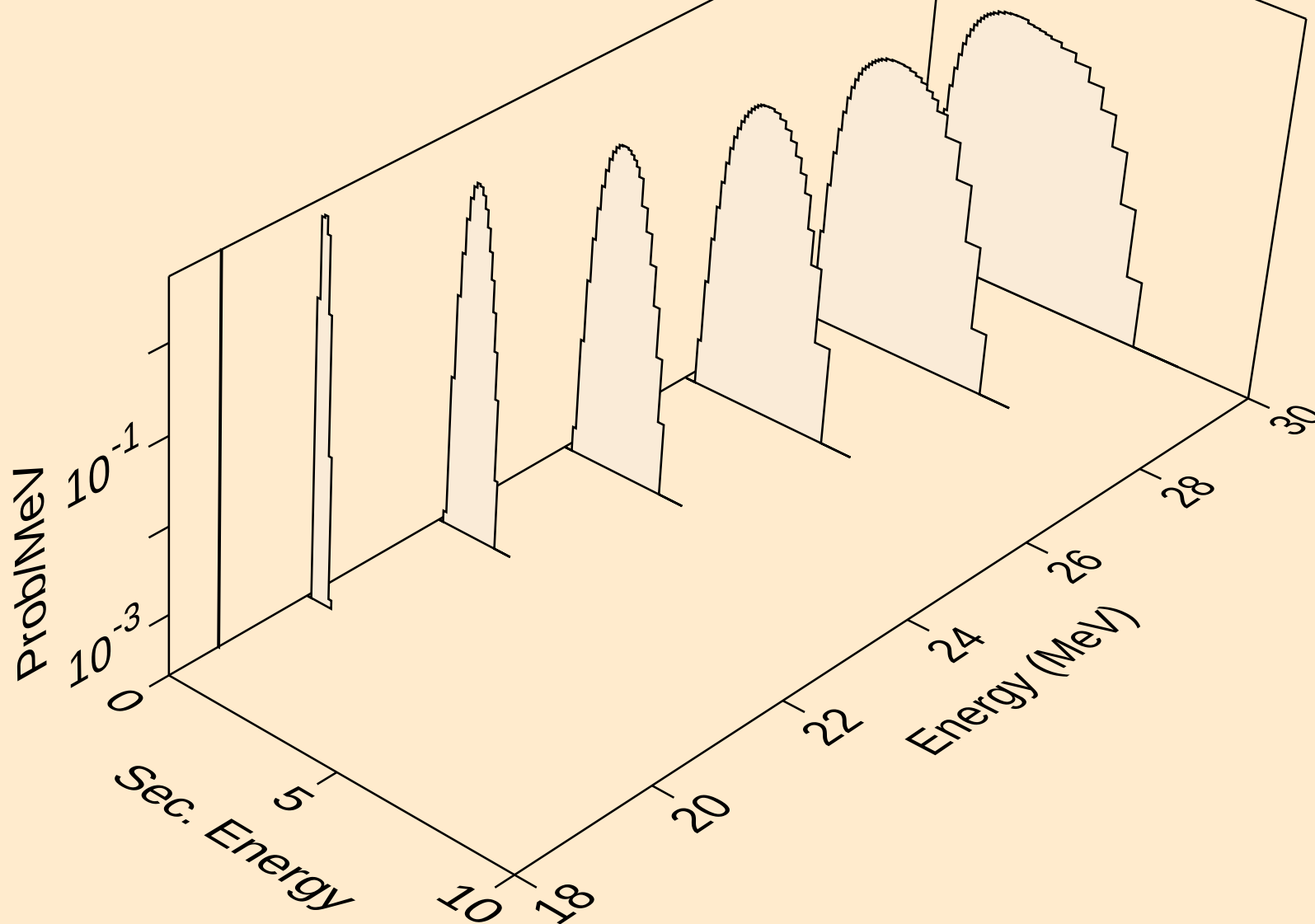
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deuterons from (a,n\*)d



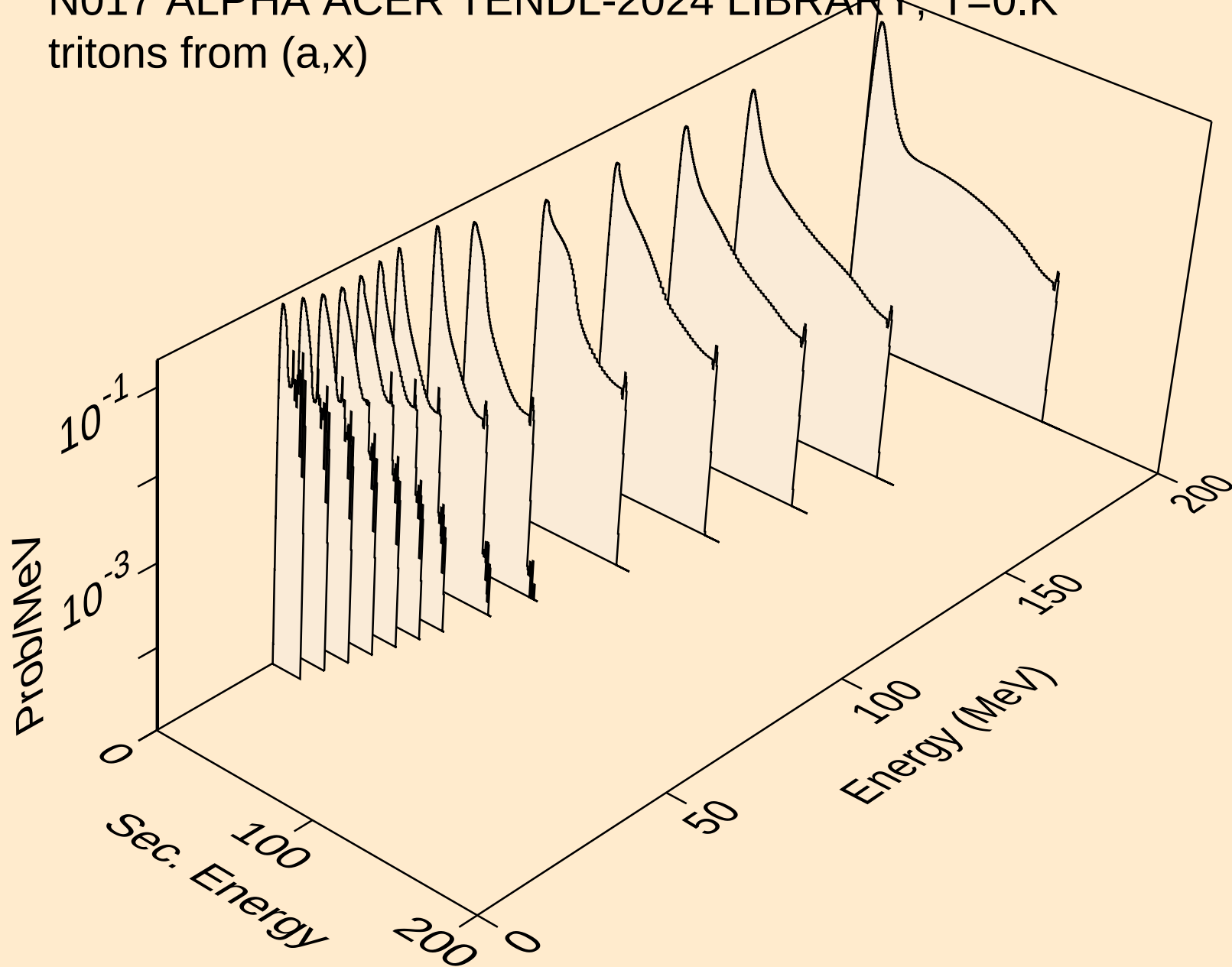
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deuterons from (a,d)



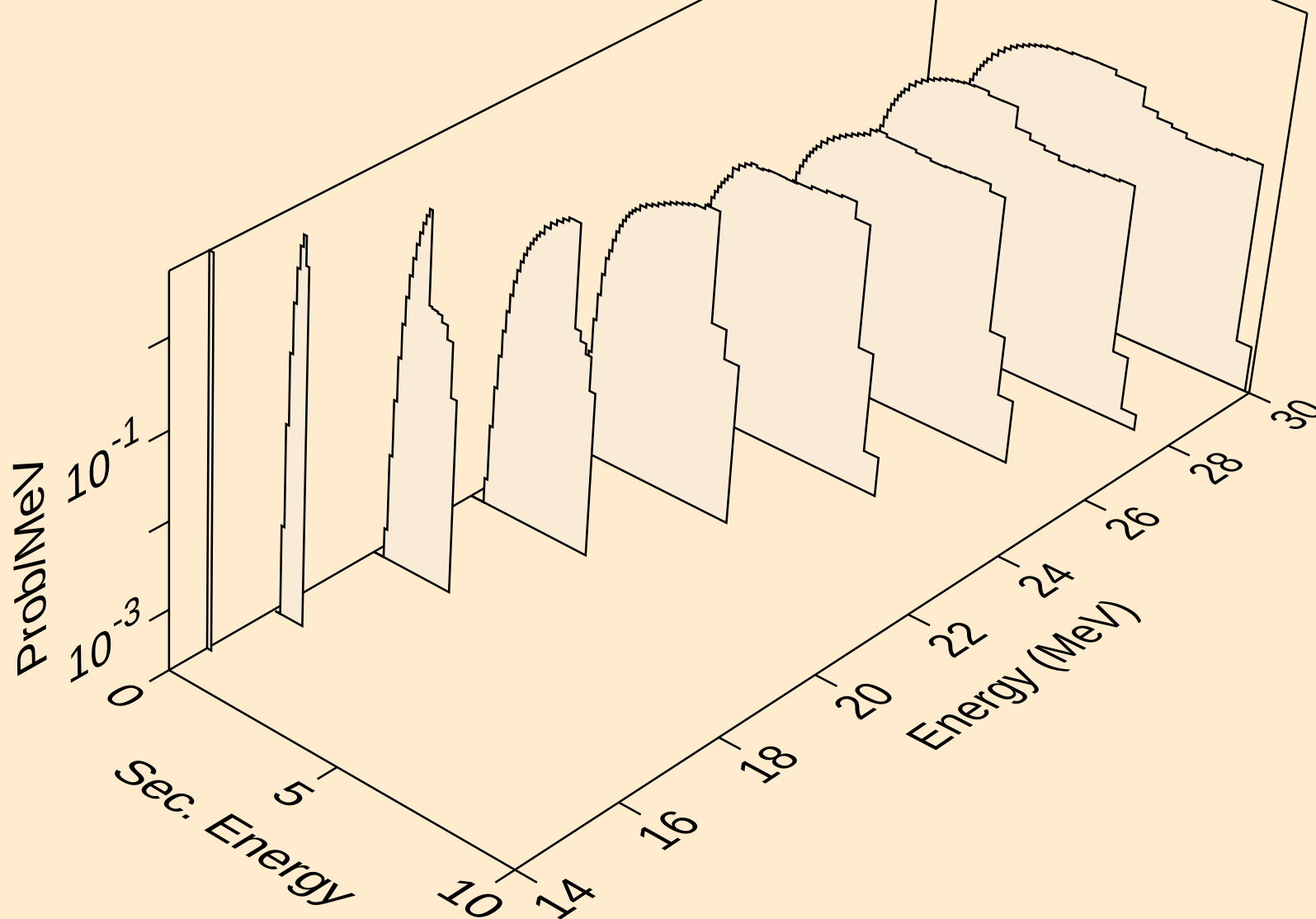
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deuterons from (a,da)



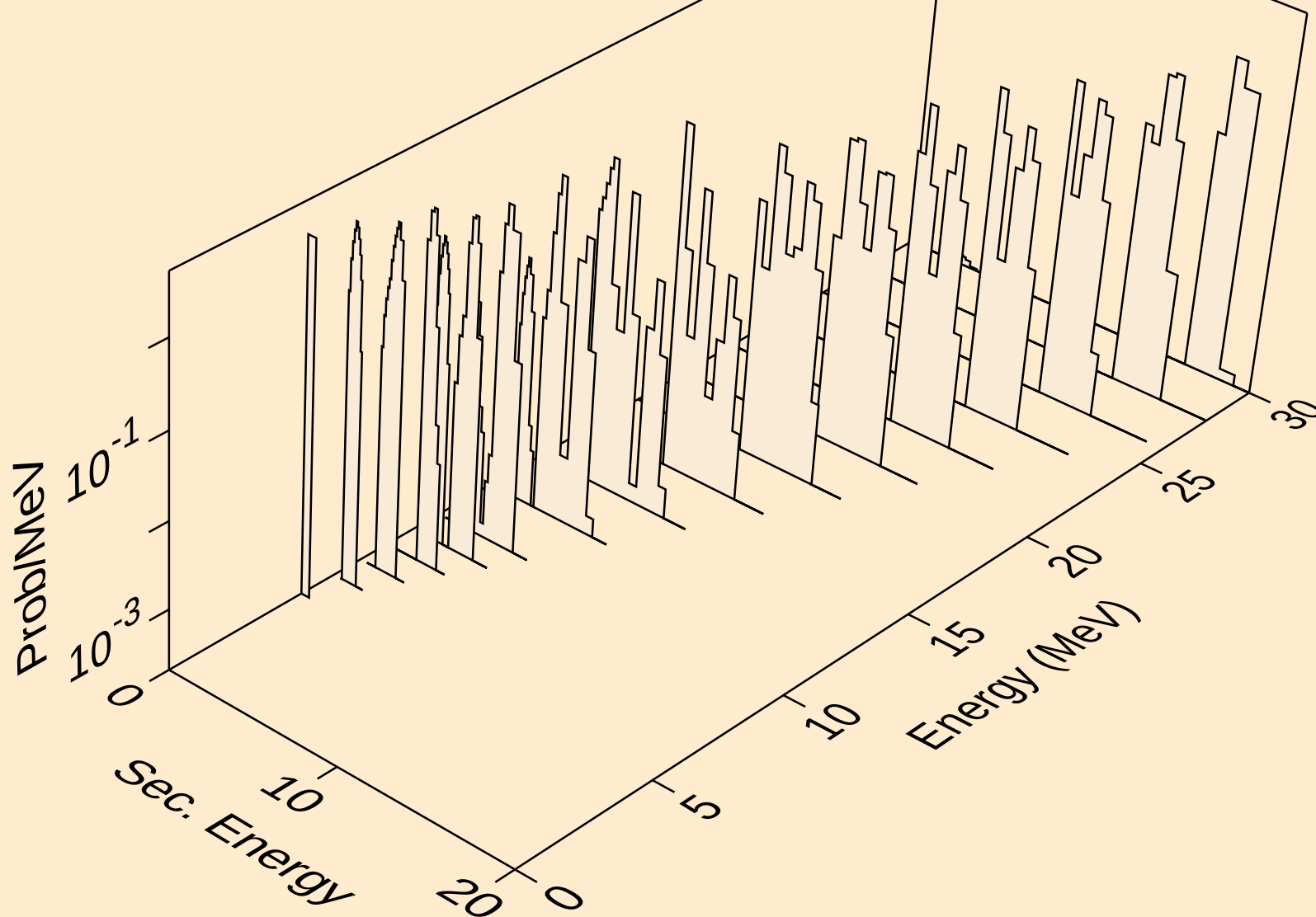
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tritons from (a,x)



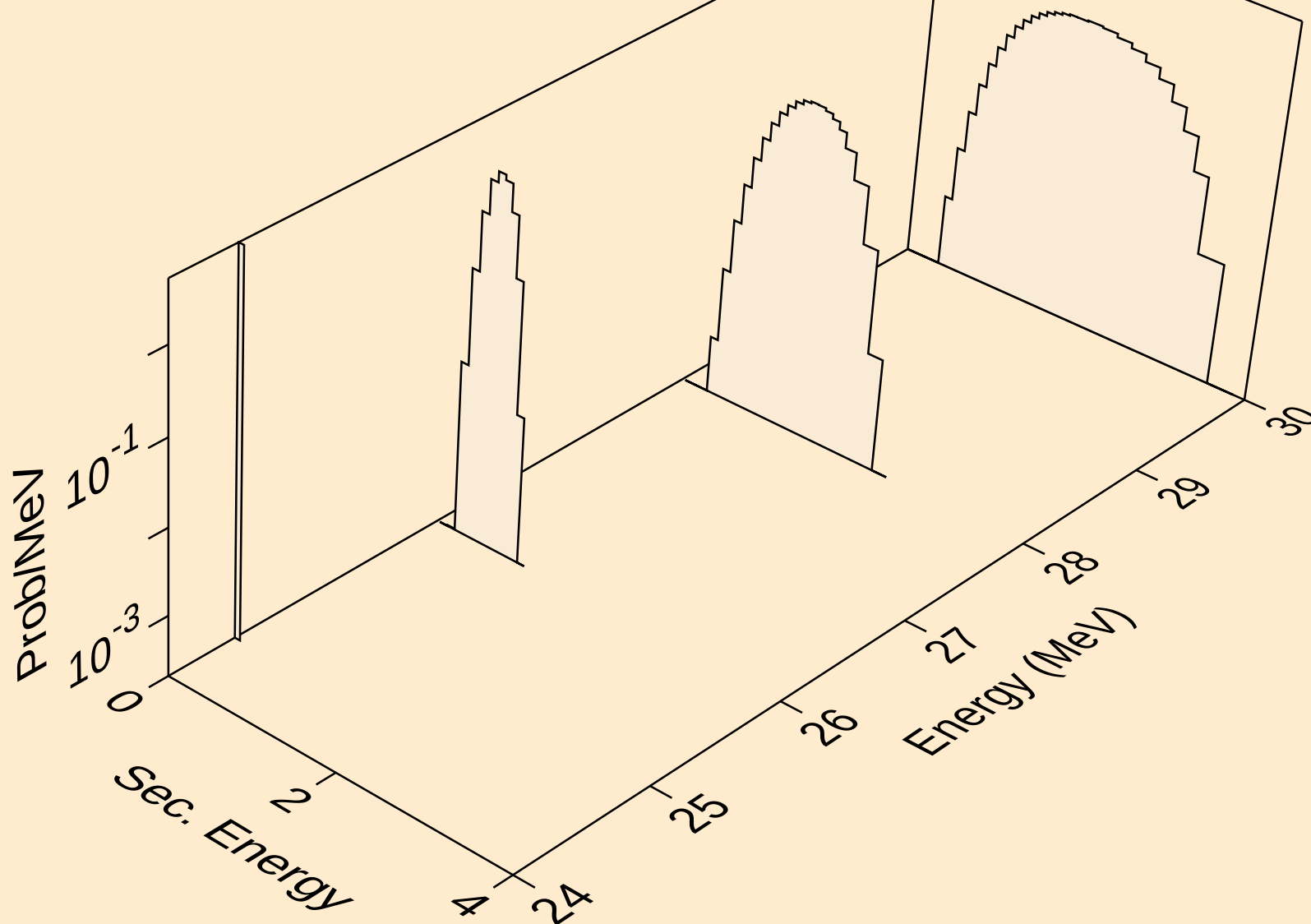
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tritons from (a,n\*)t



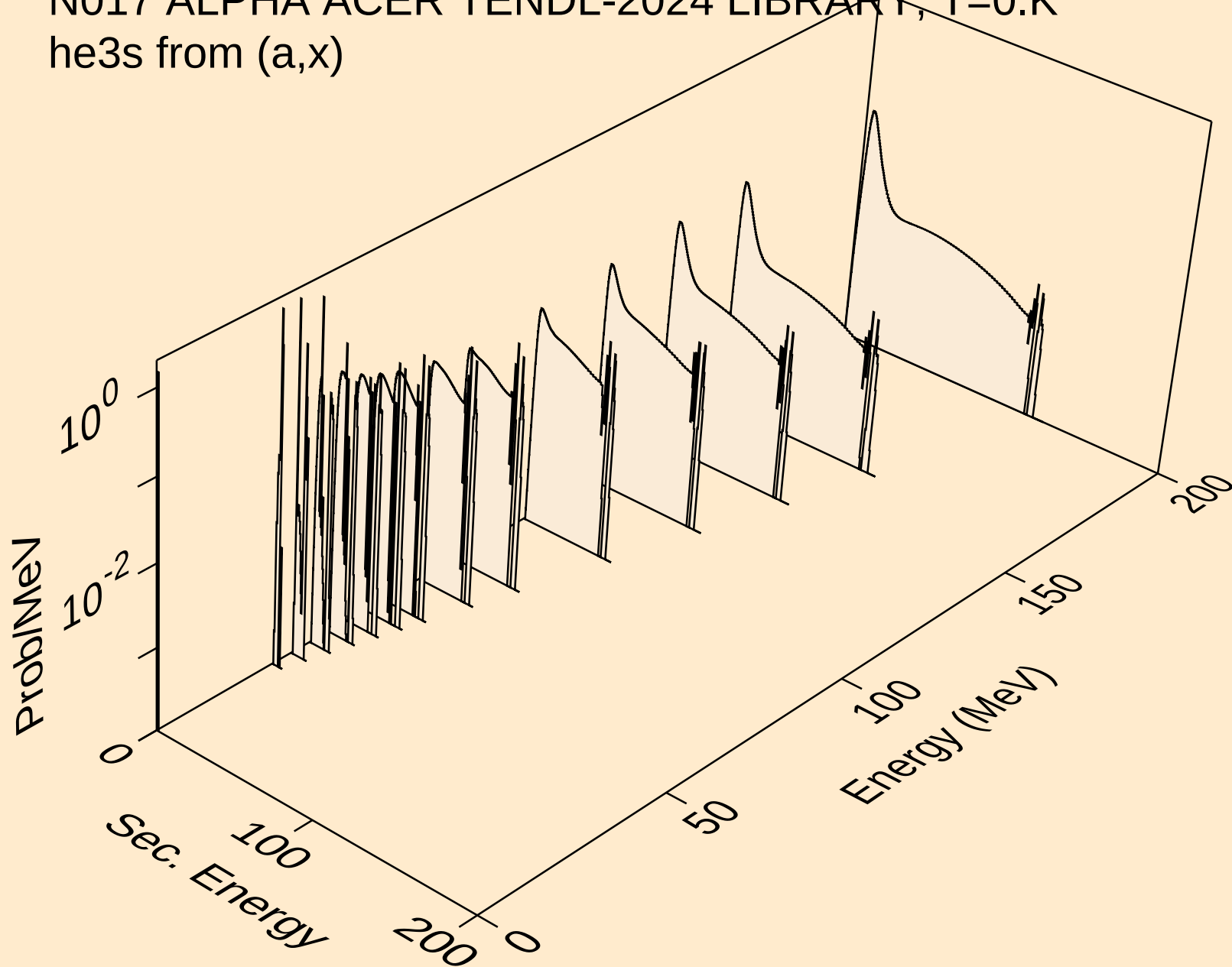
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tritons from (a,t)



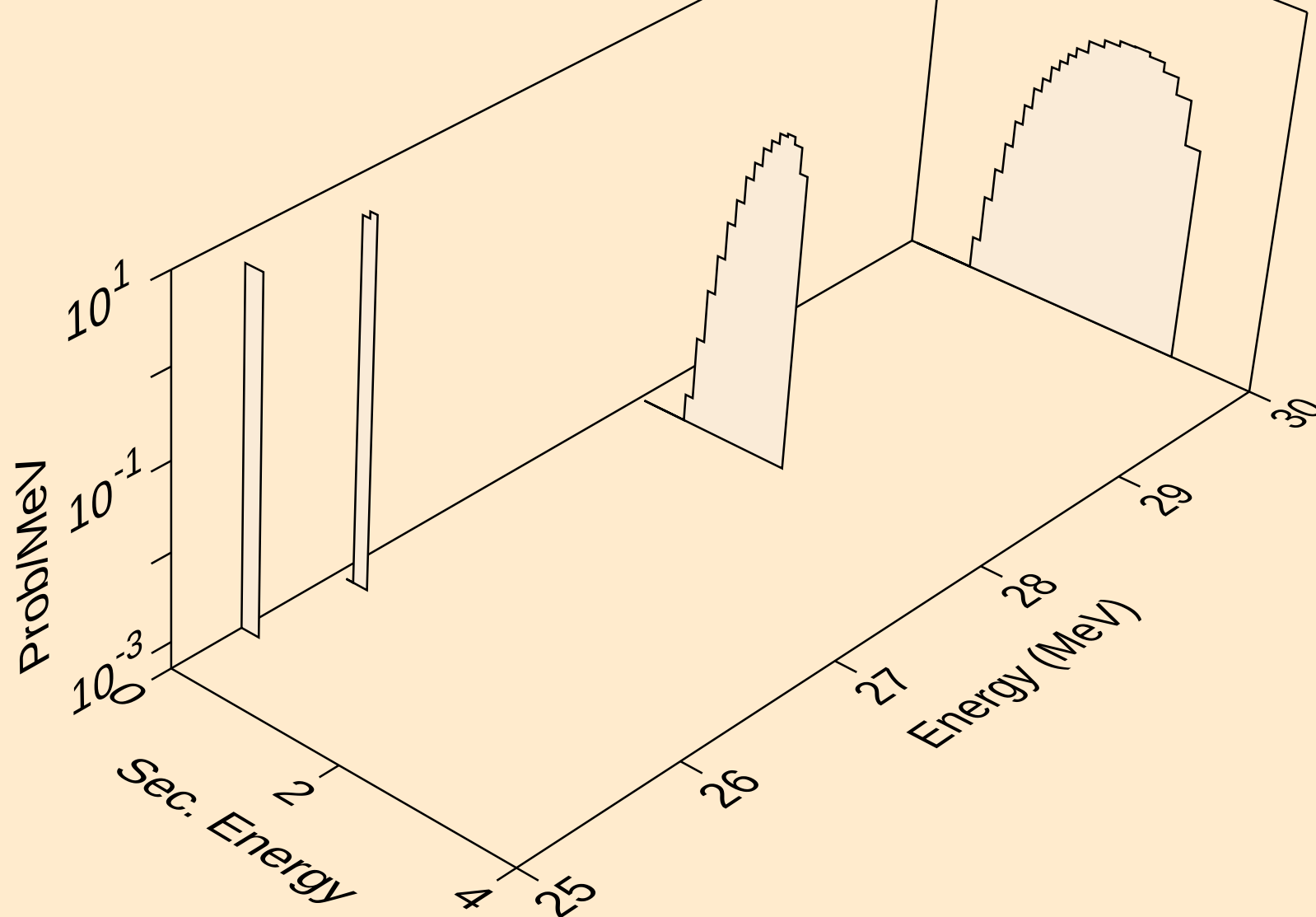
N017 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,pt)



N017 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (a,x)



N017 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (a,n\*)he3



N017 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (a,he3)

