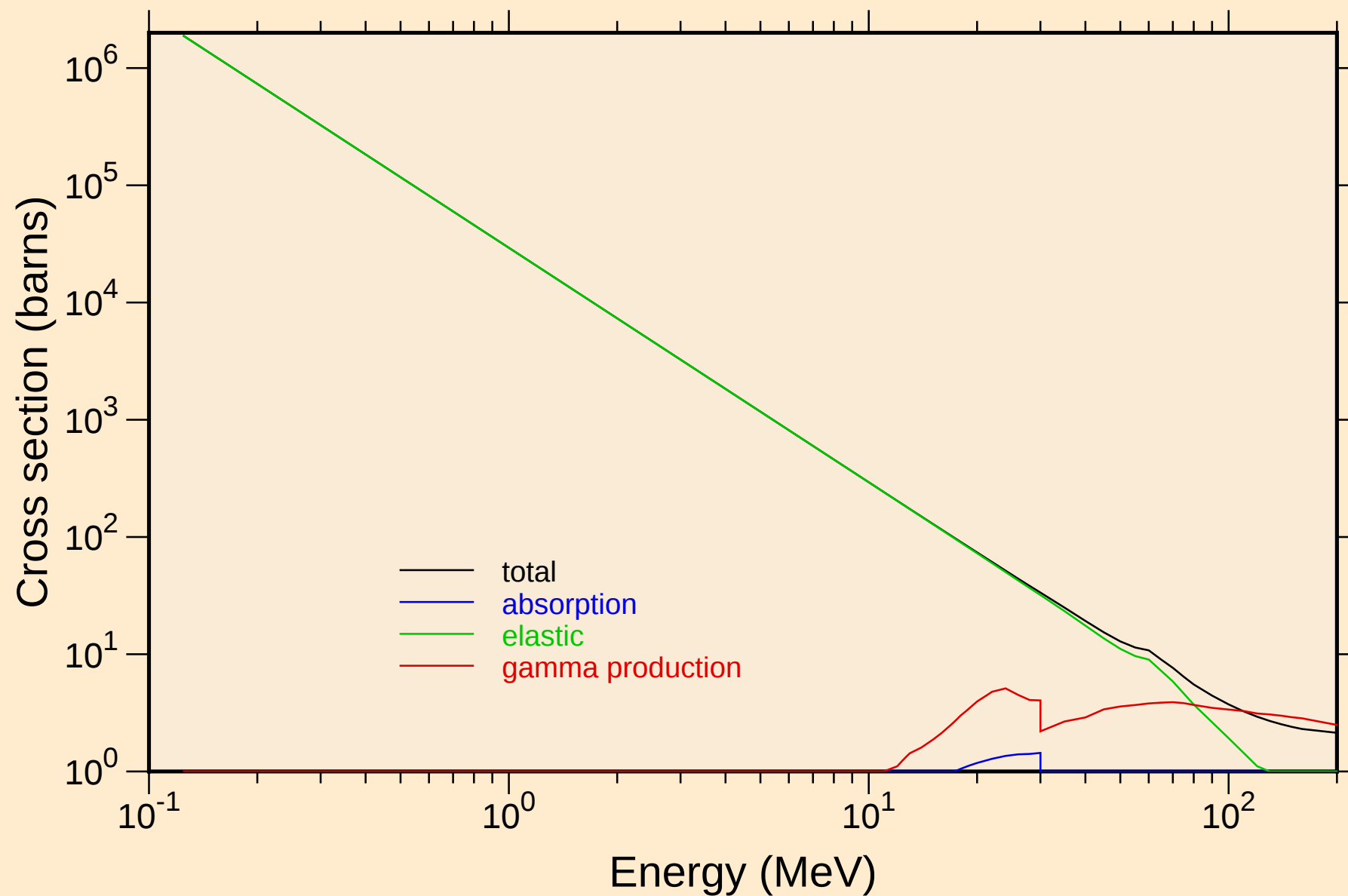


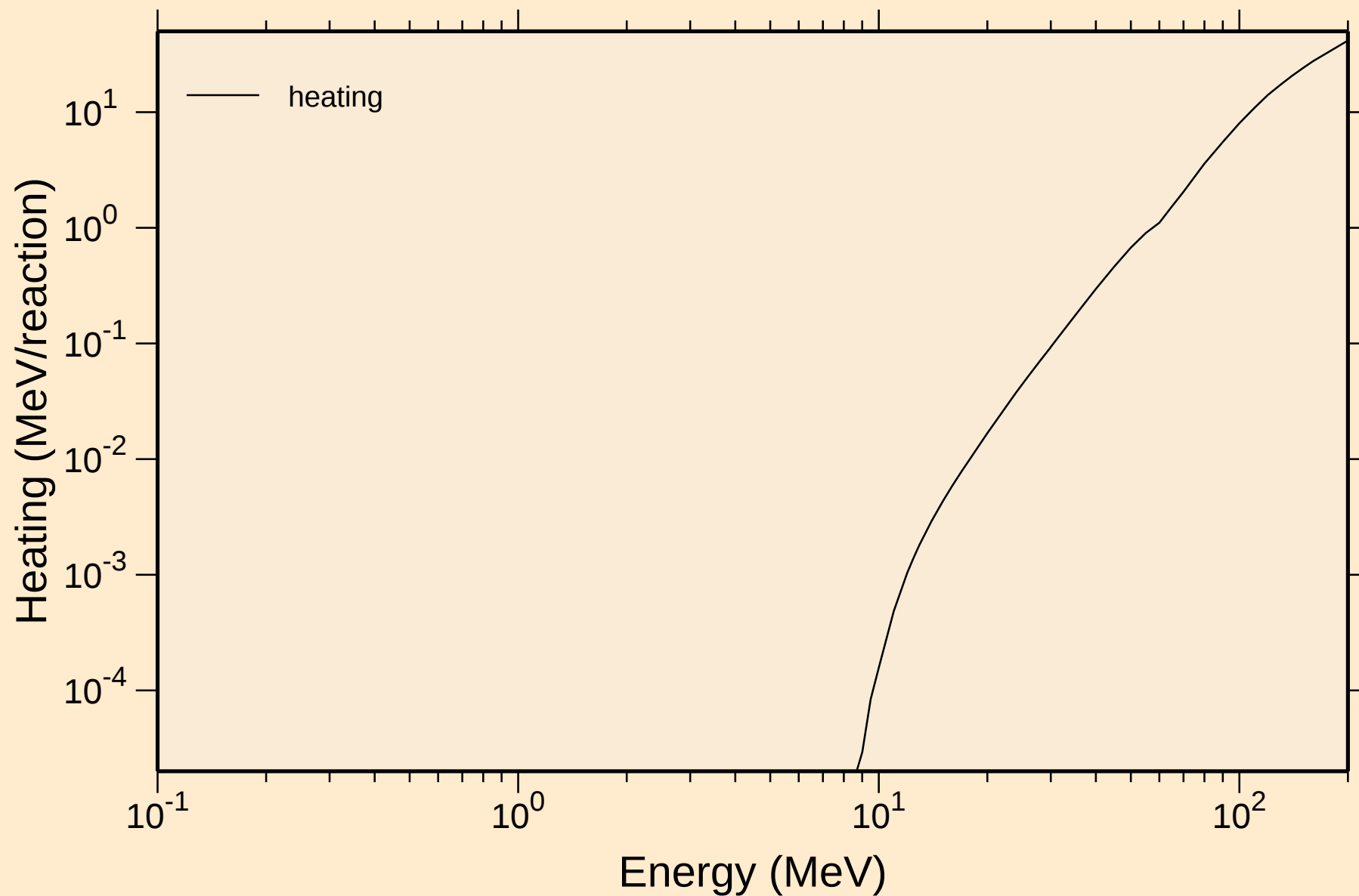
# AS084 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



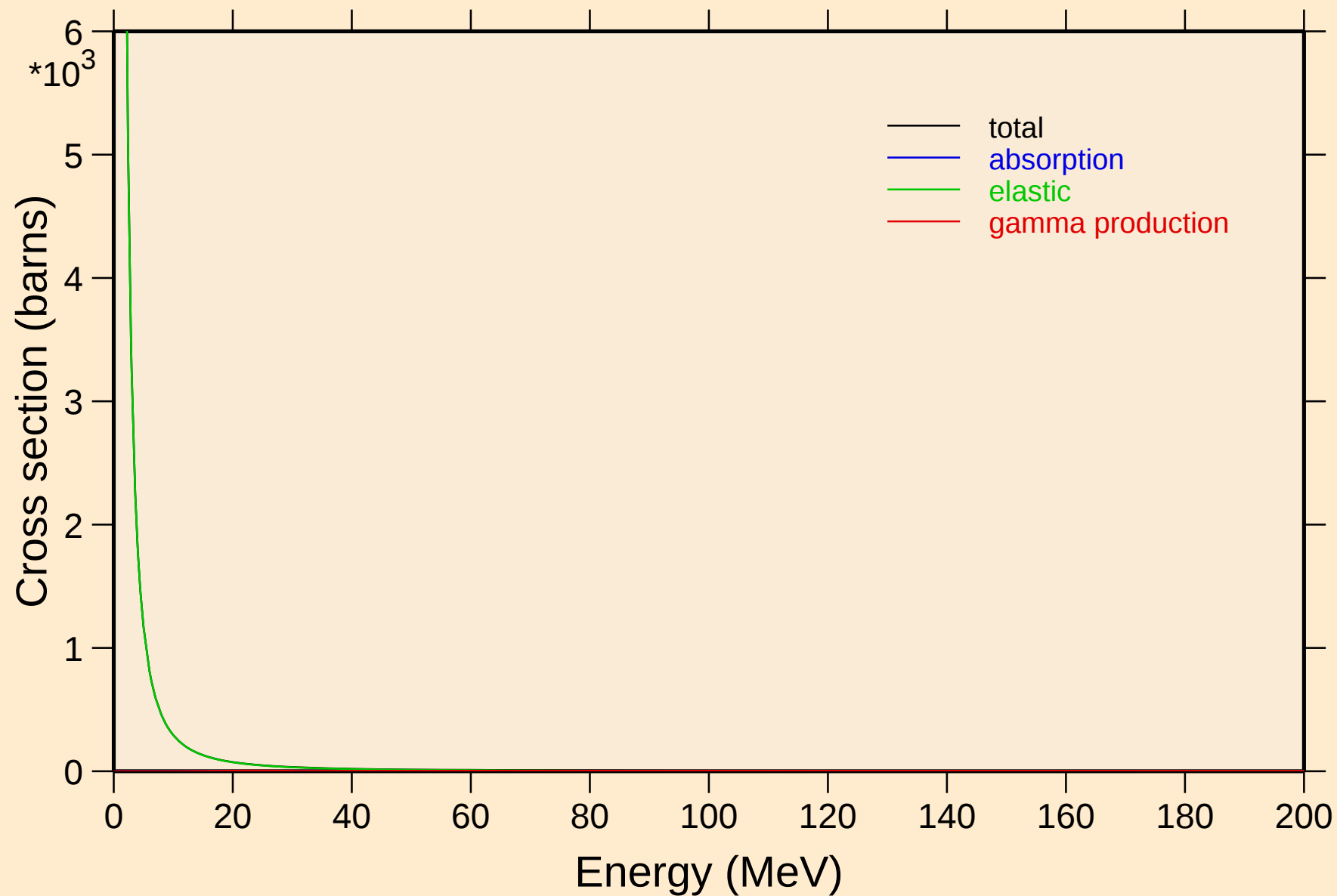
AS084 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Heating



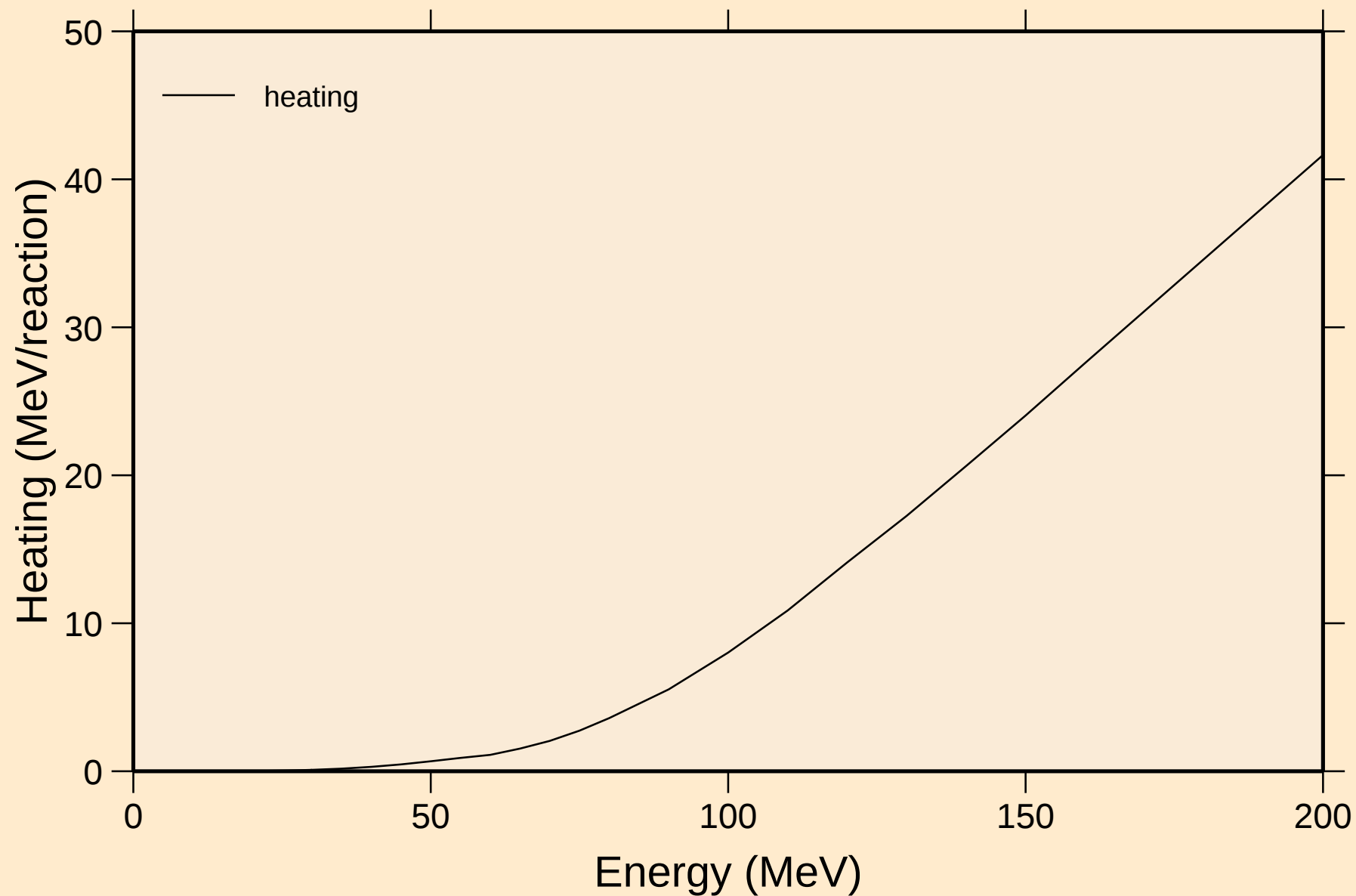
# AS084 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



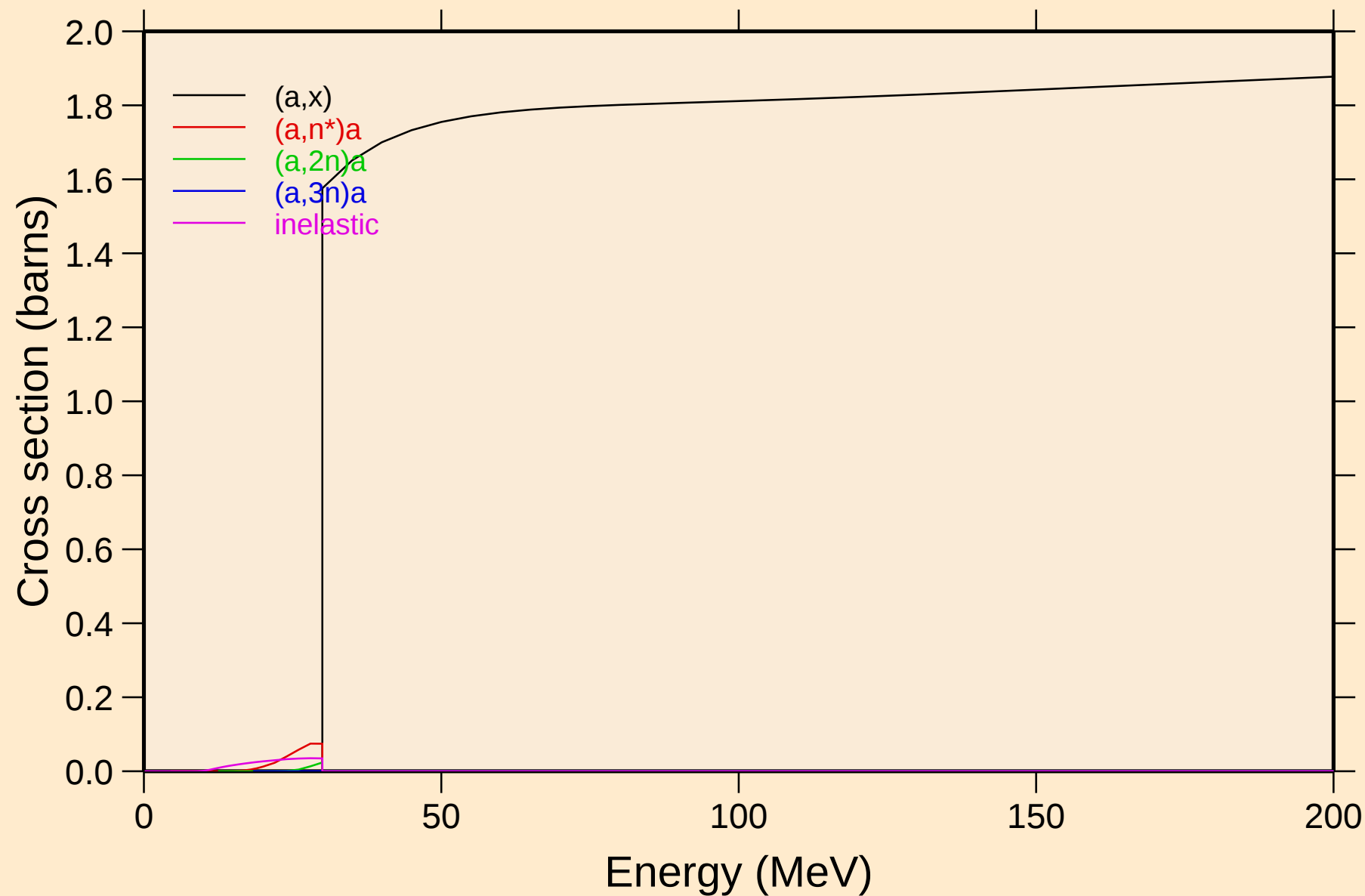
AS084 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Heating



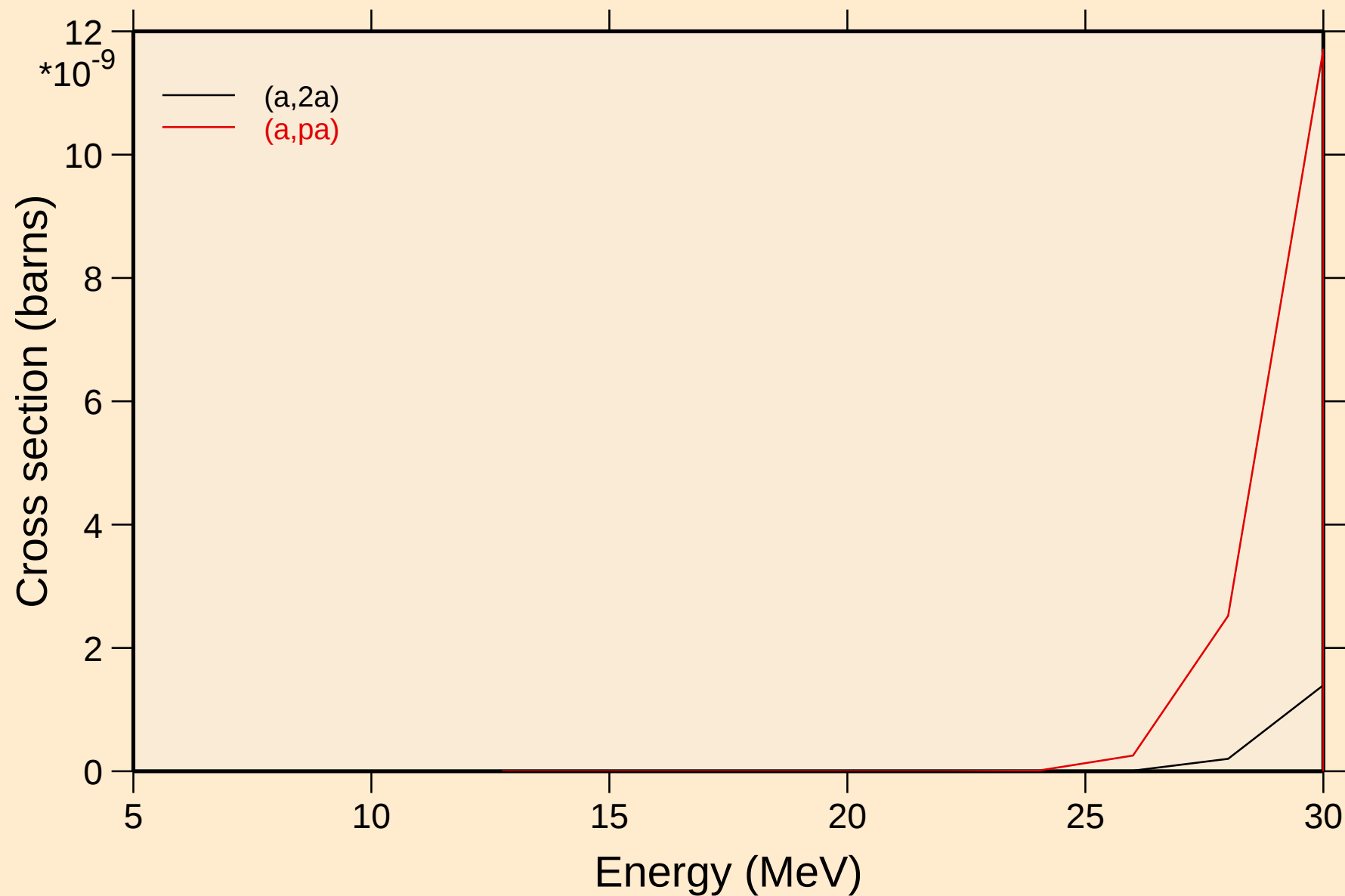
# AS084 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions

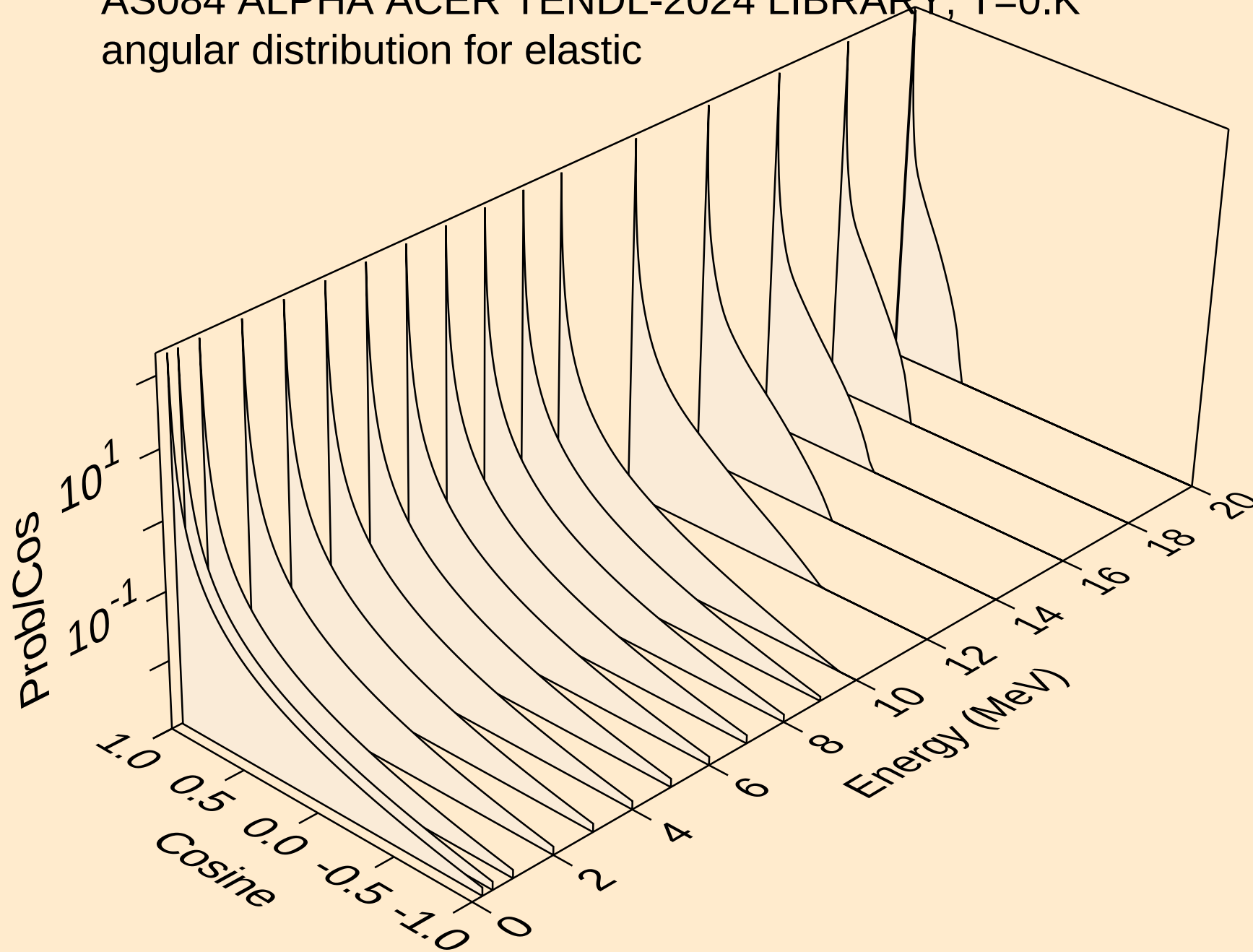


# AS084 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

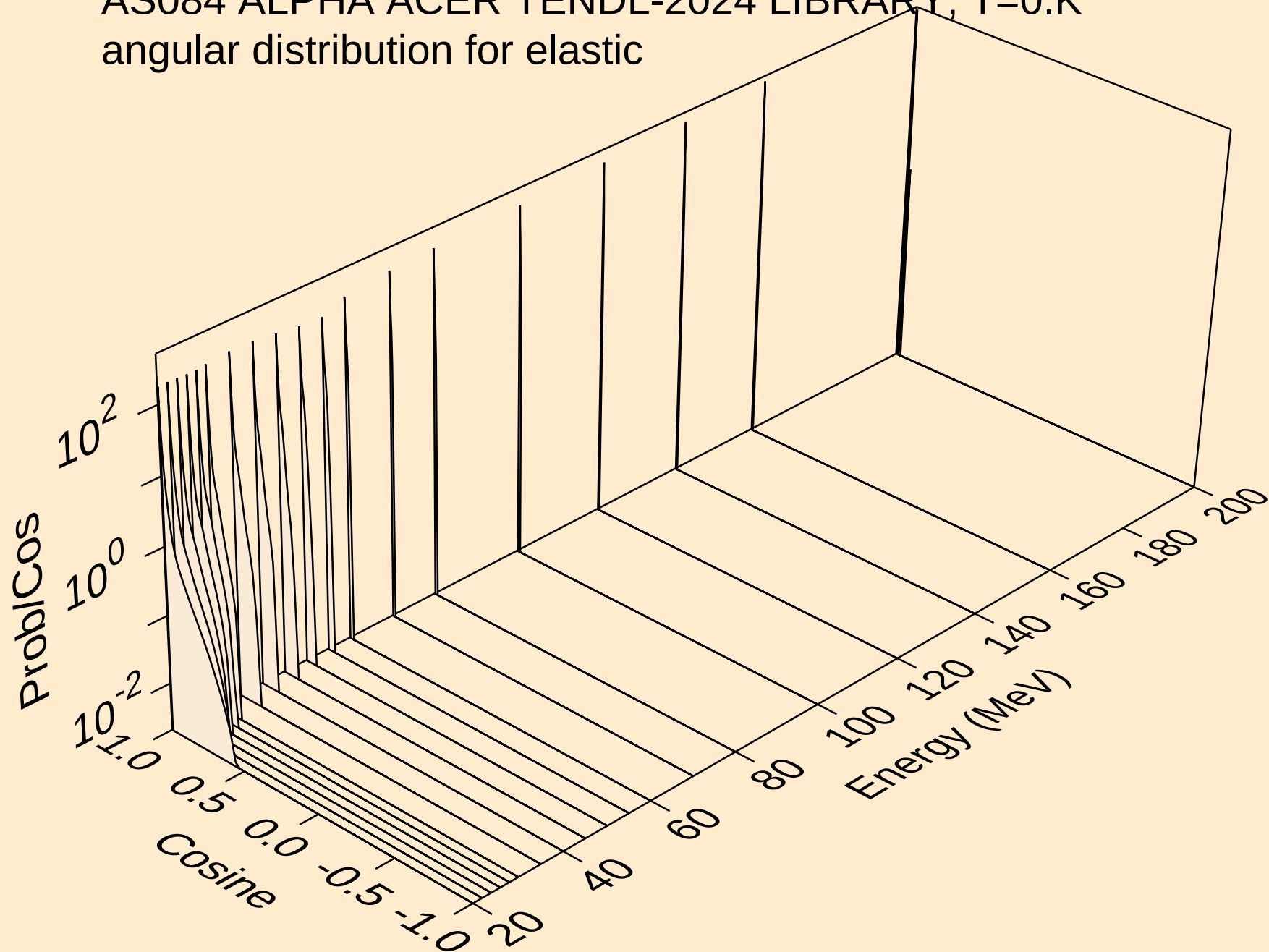
Threshold reactions



AS084 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic

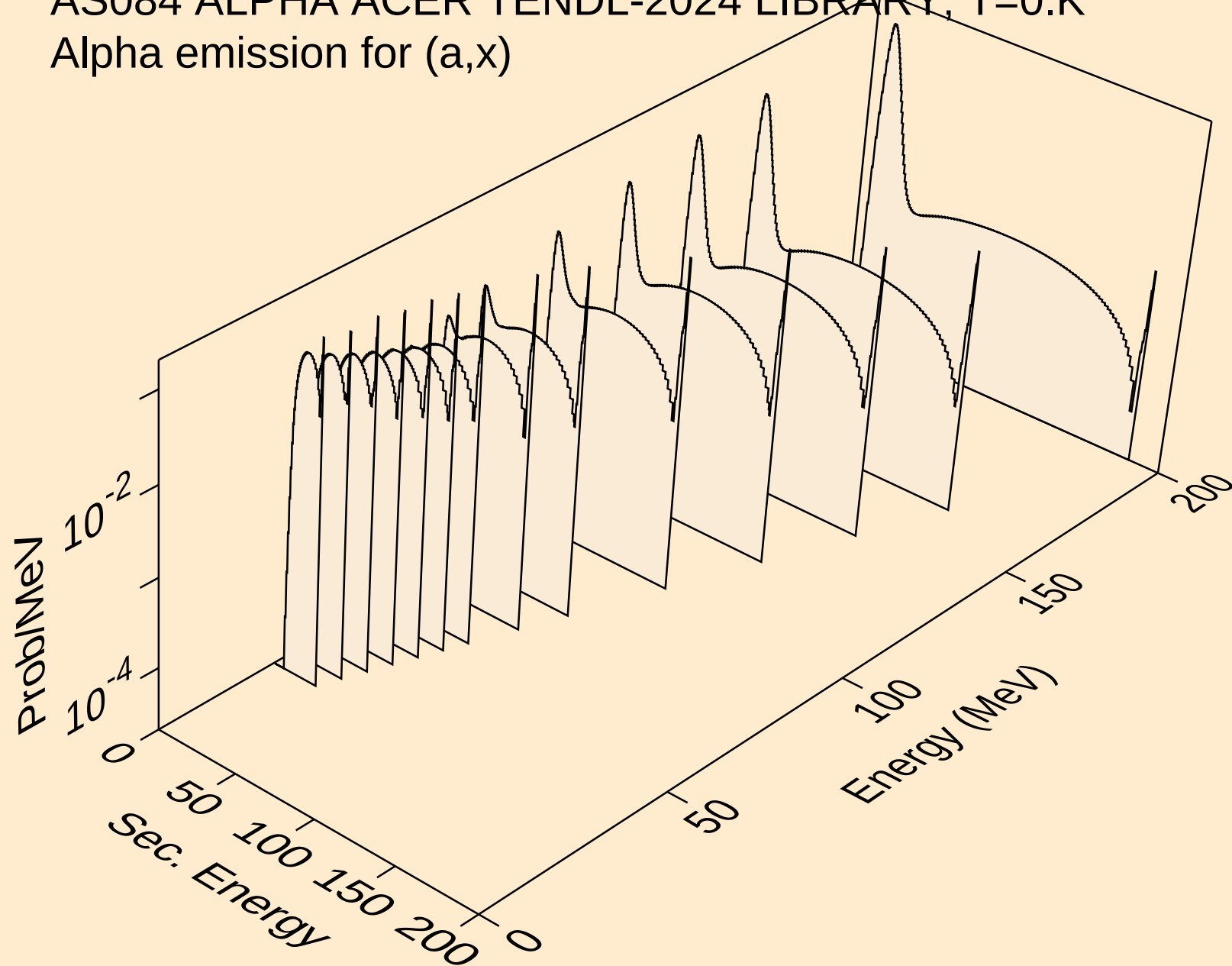


AS084 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



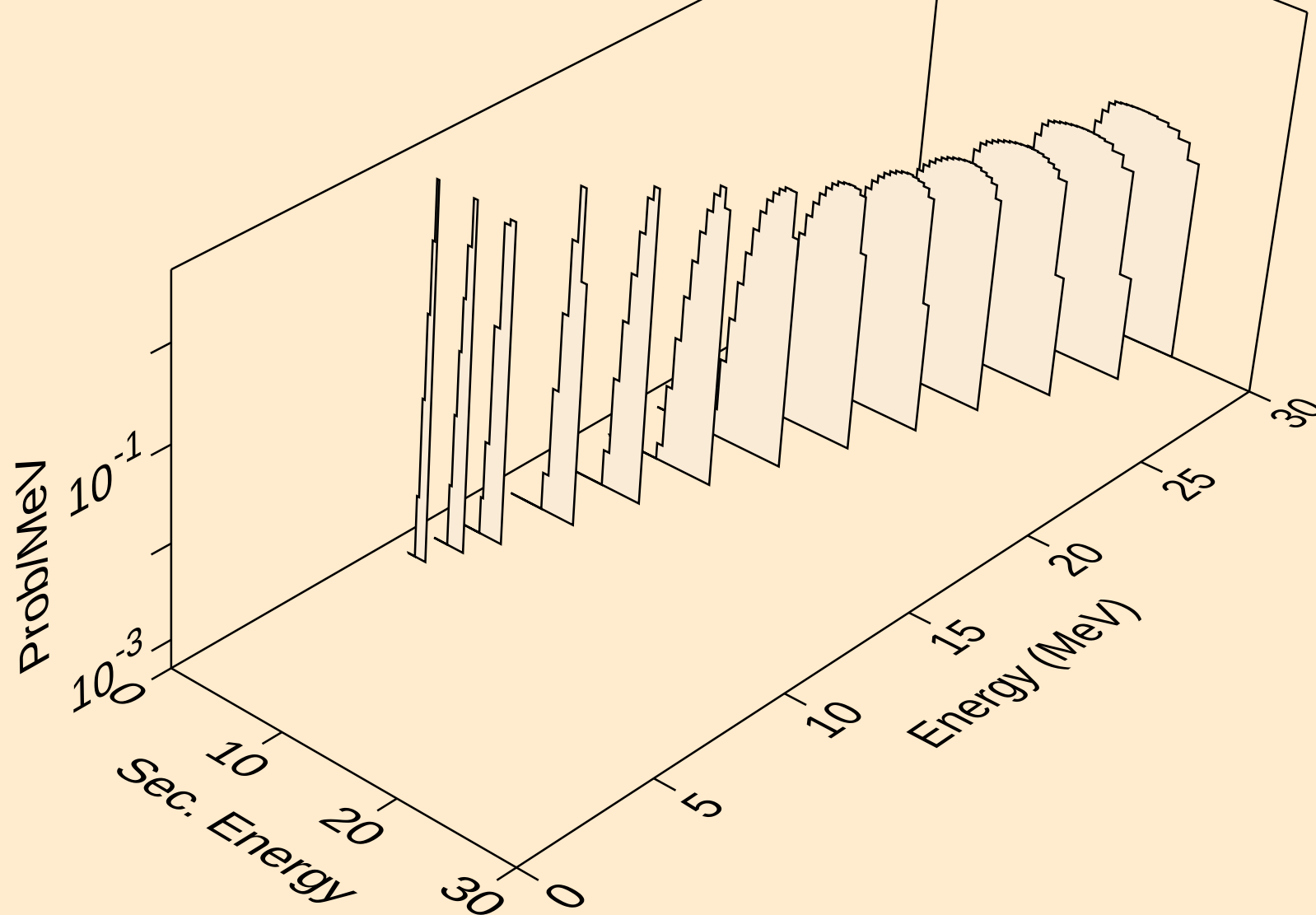
AS084 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,x)



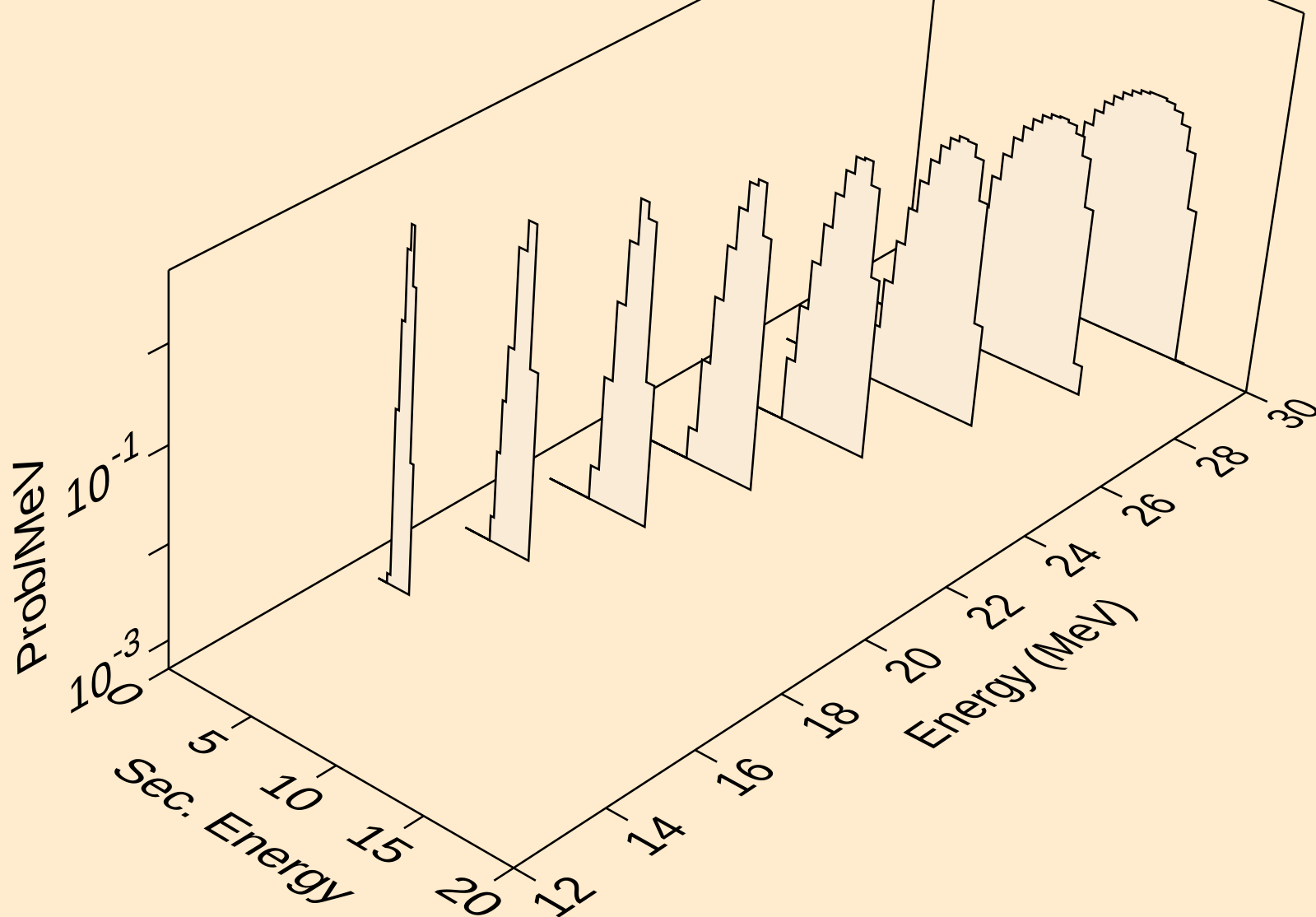
AS084 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,n\*)a



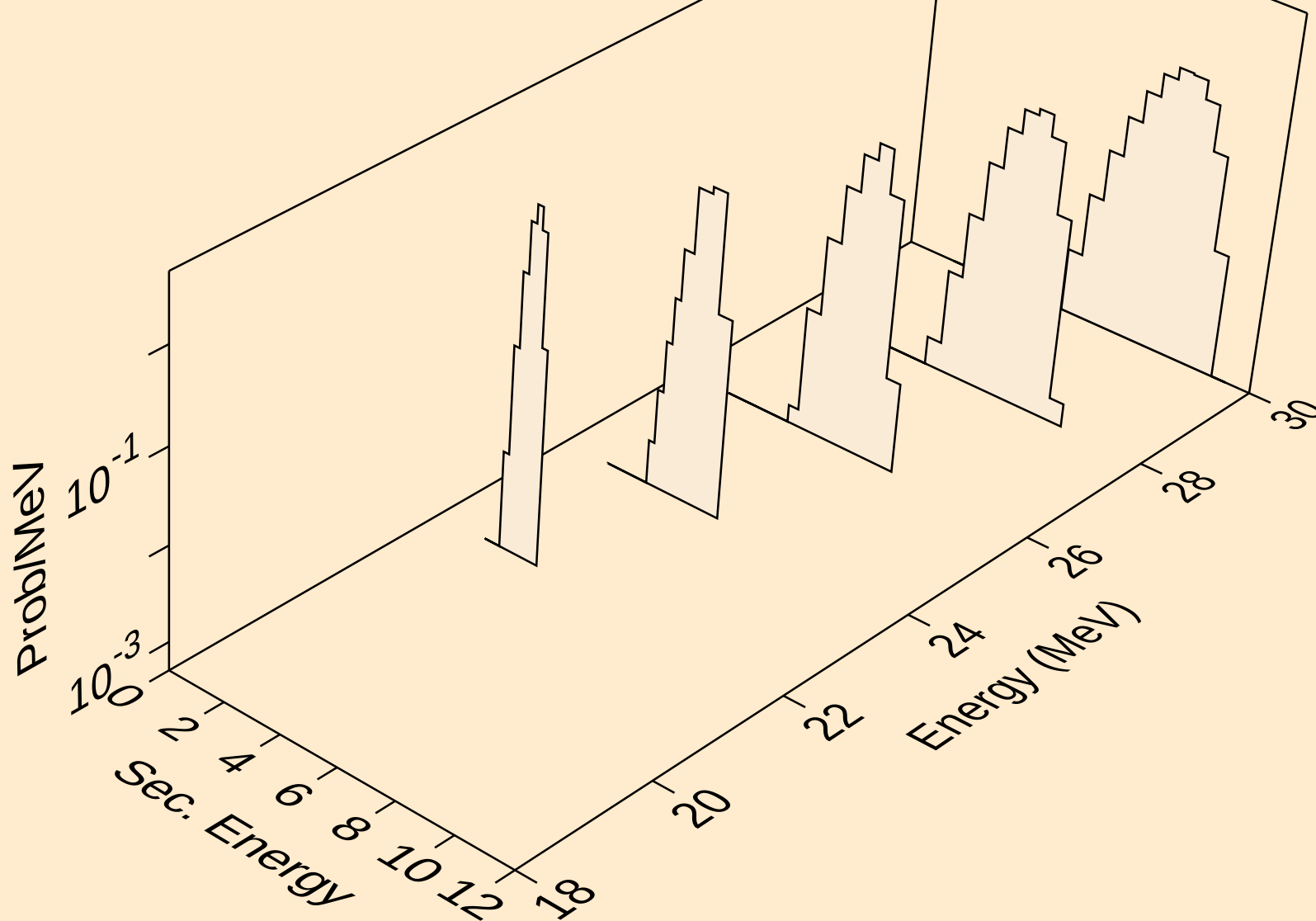
AS084 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,2n)a



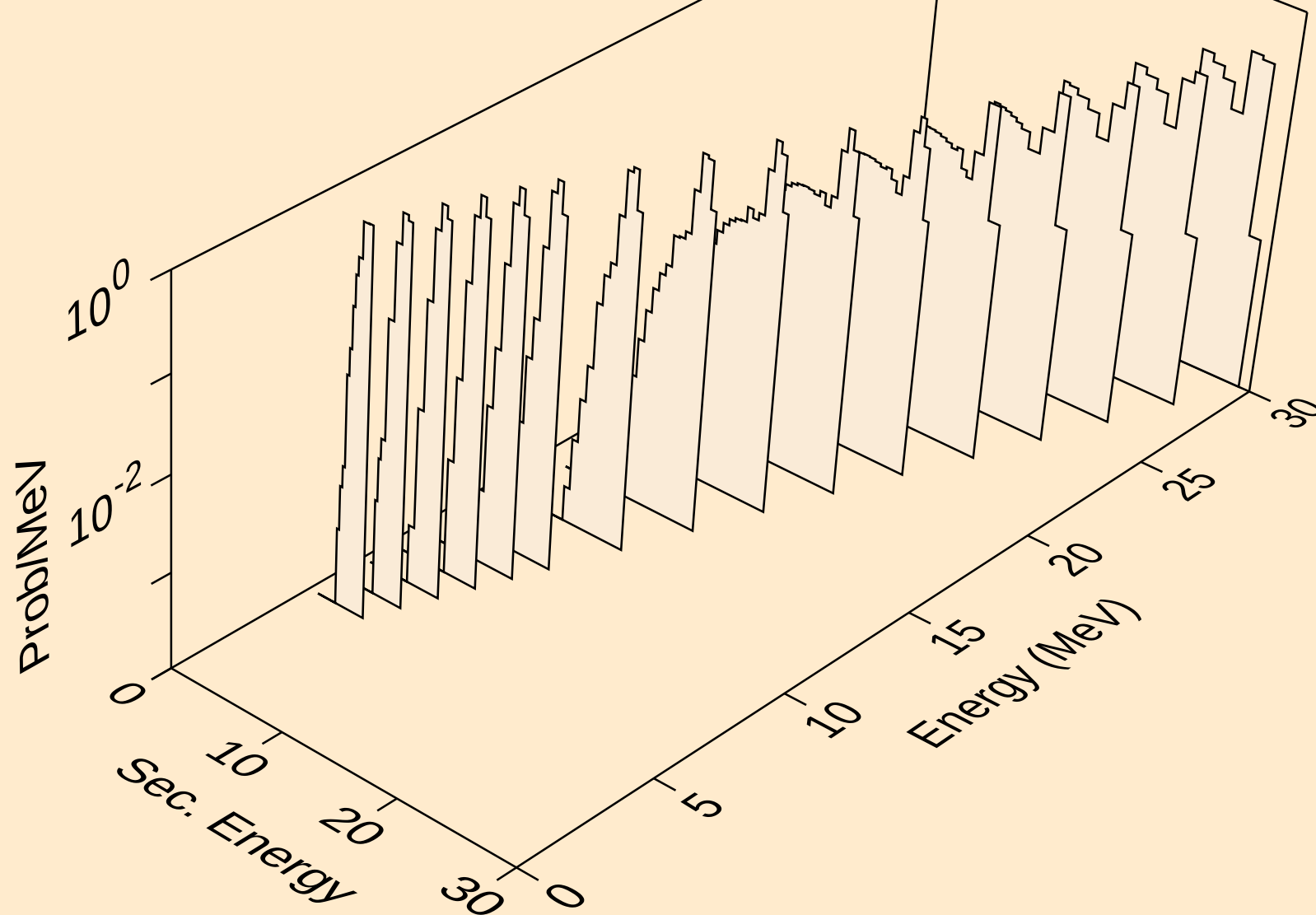
AS084 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,3n)a



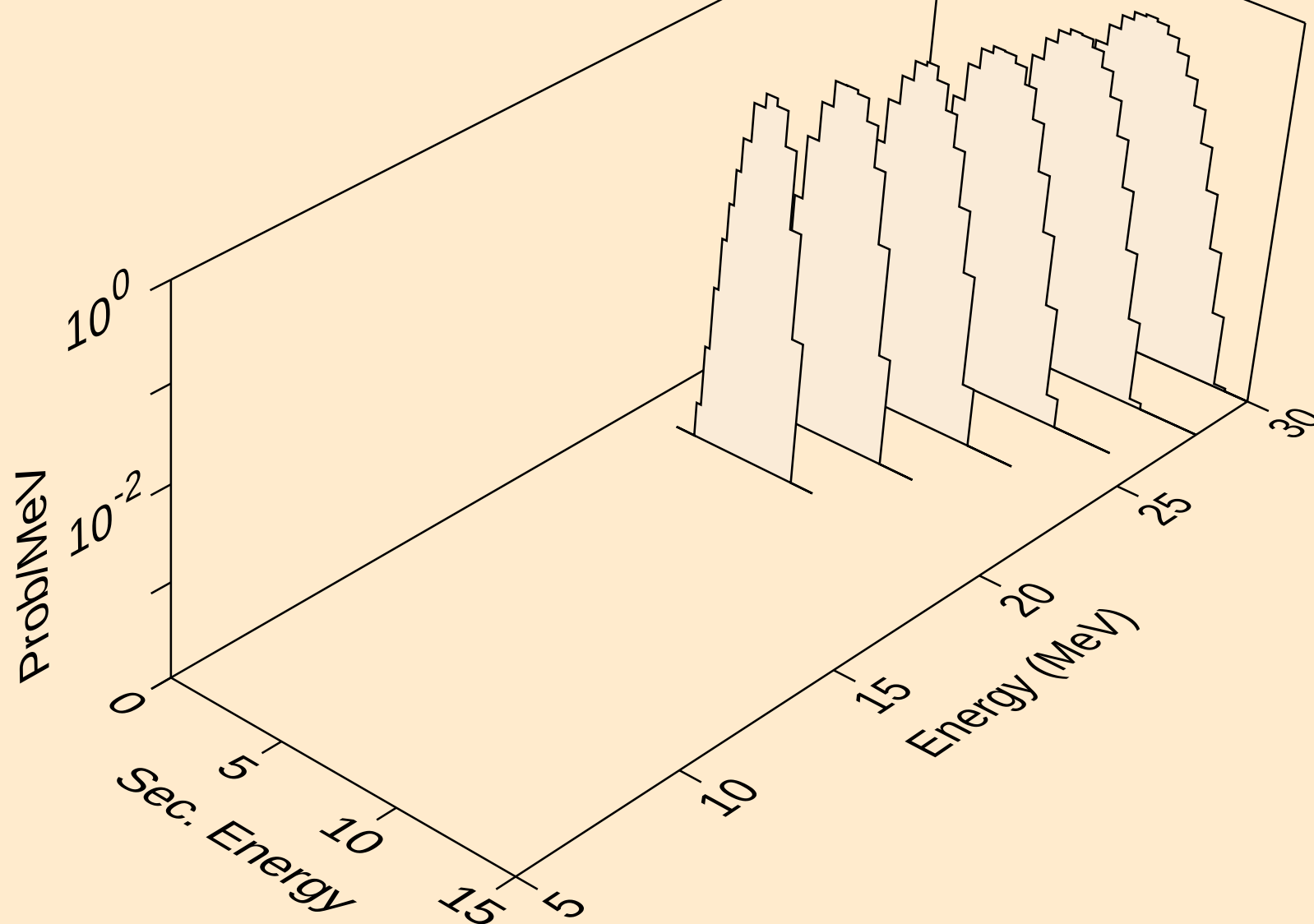
AS084 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for inelastic



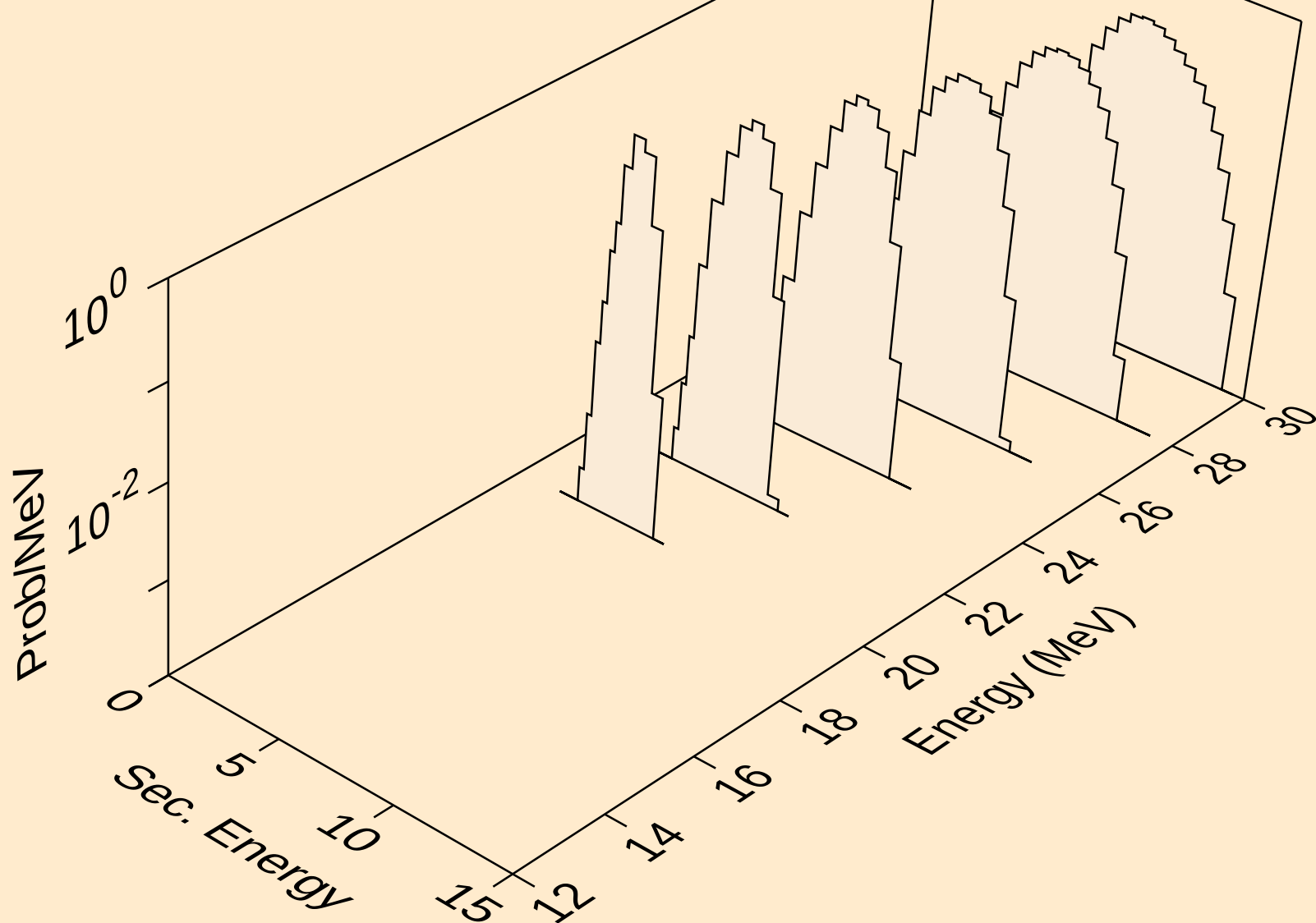
AS084 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,2a)

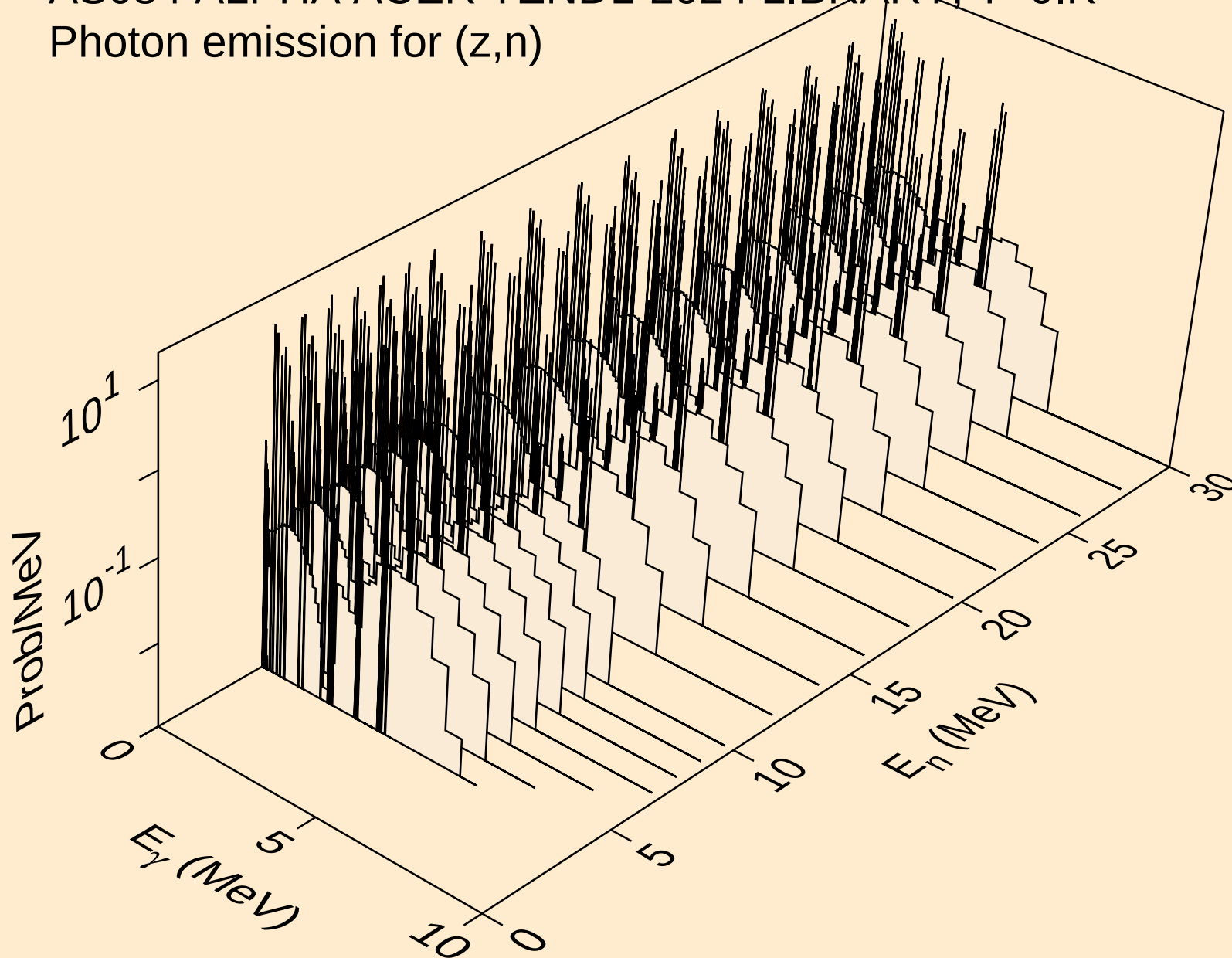


AS084 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,pa)

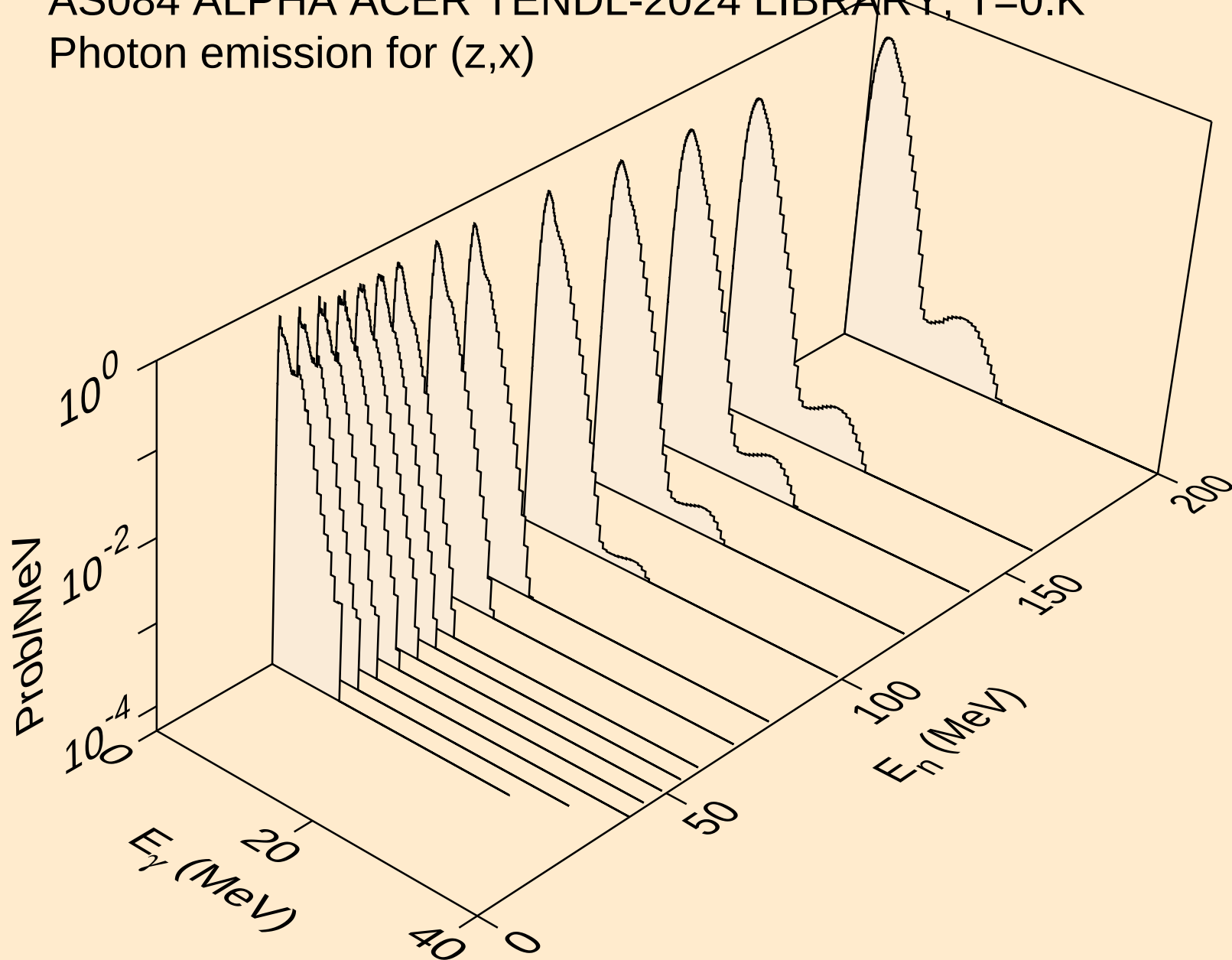


AS084 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,n)

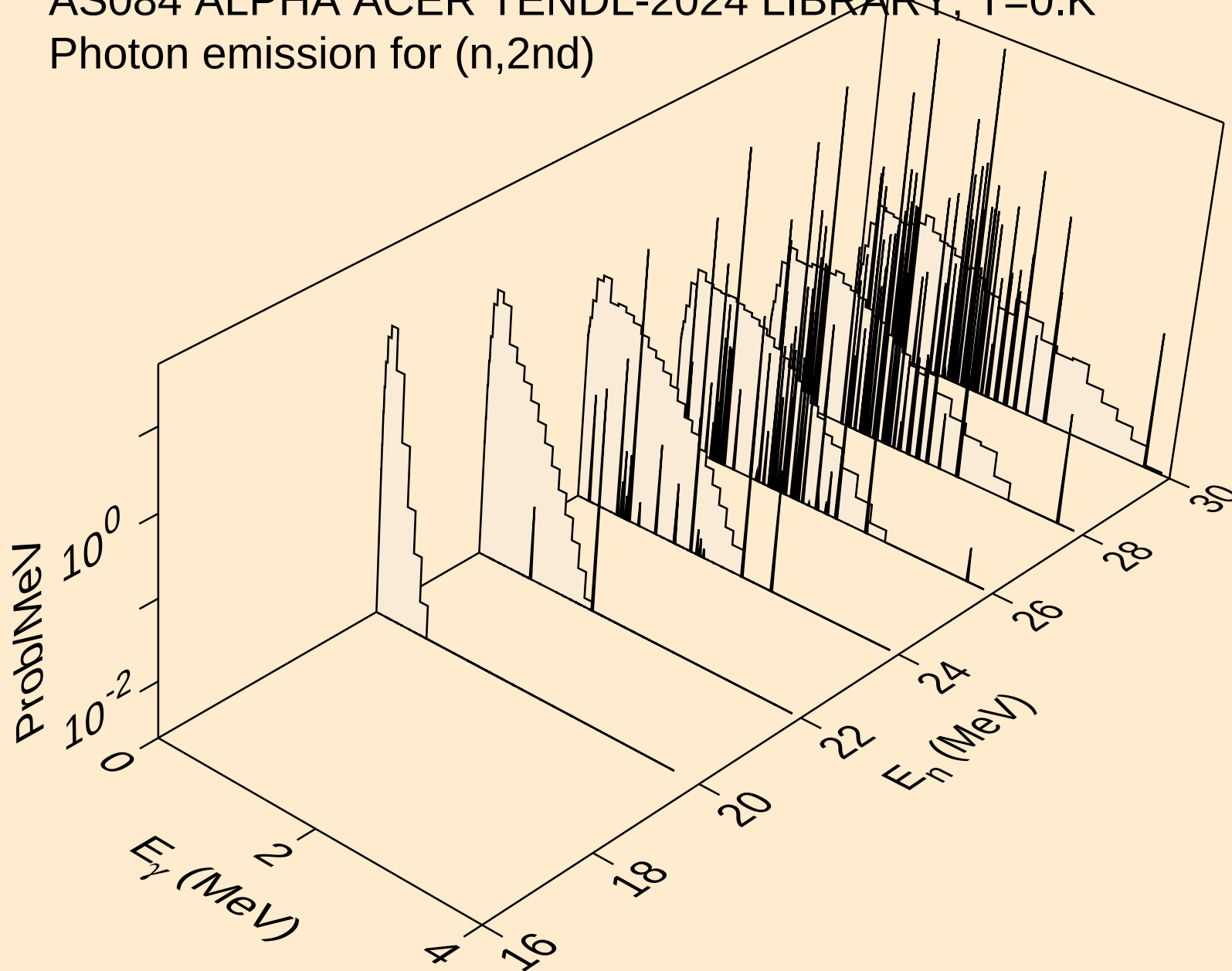


AS084 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

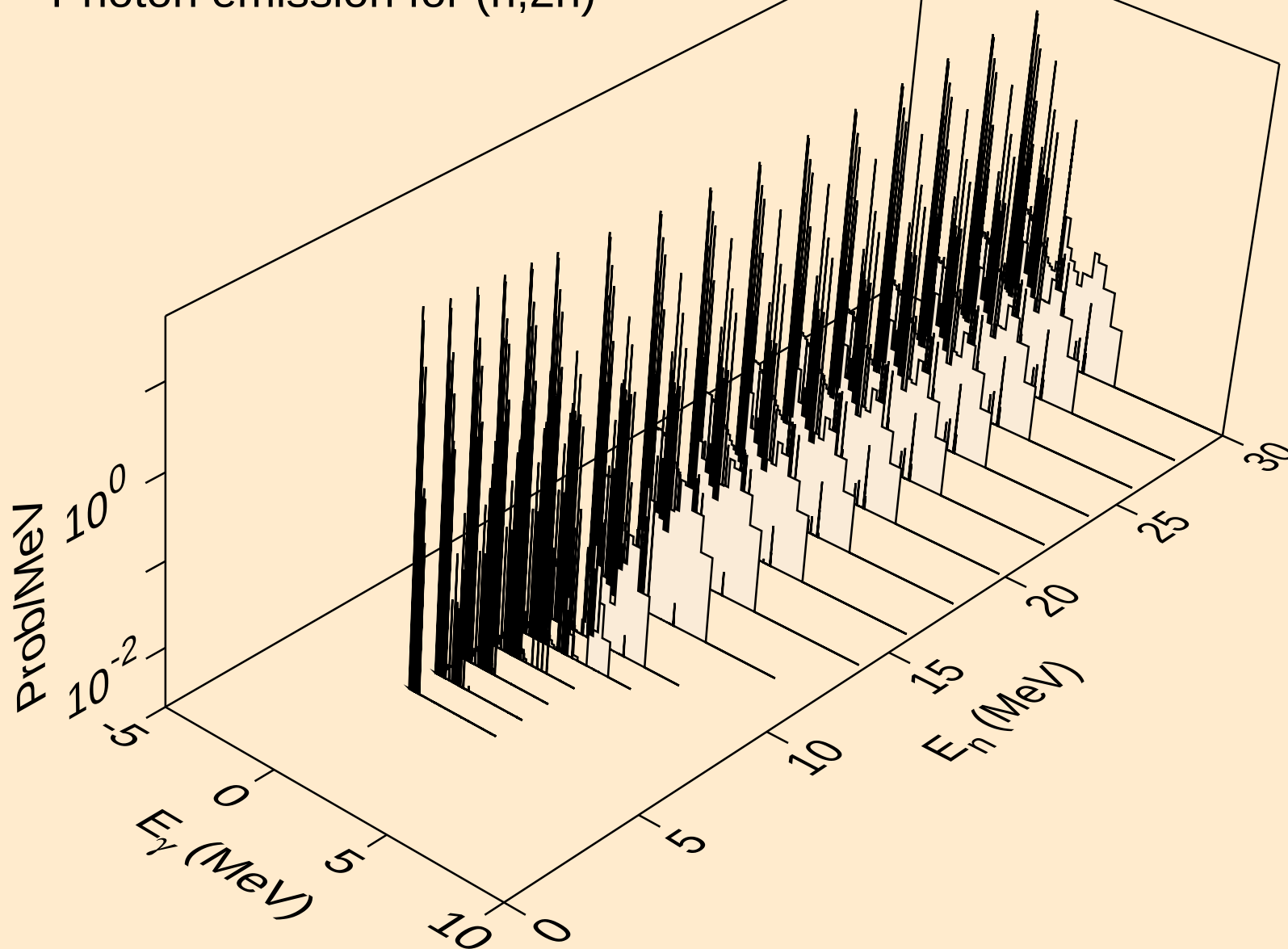
Photon emission for (z,x)



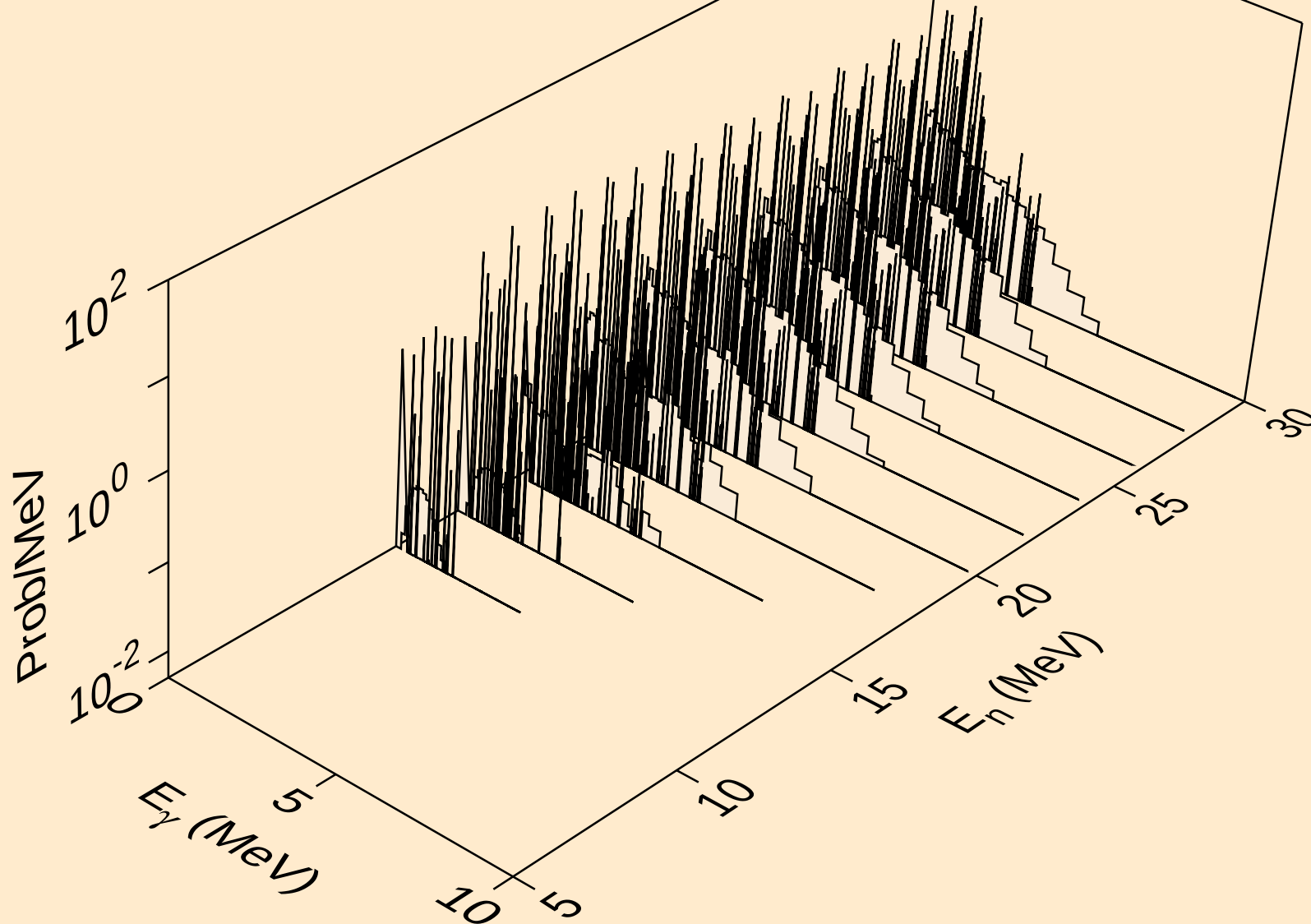
AS084 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



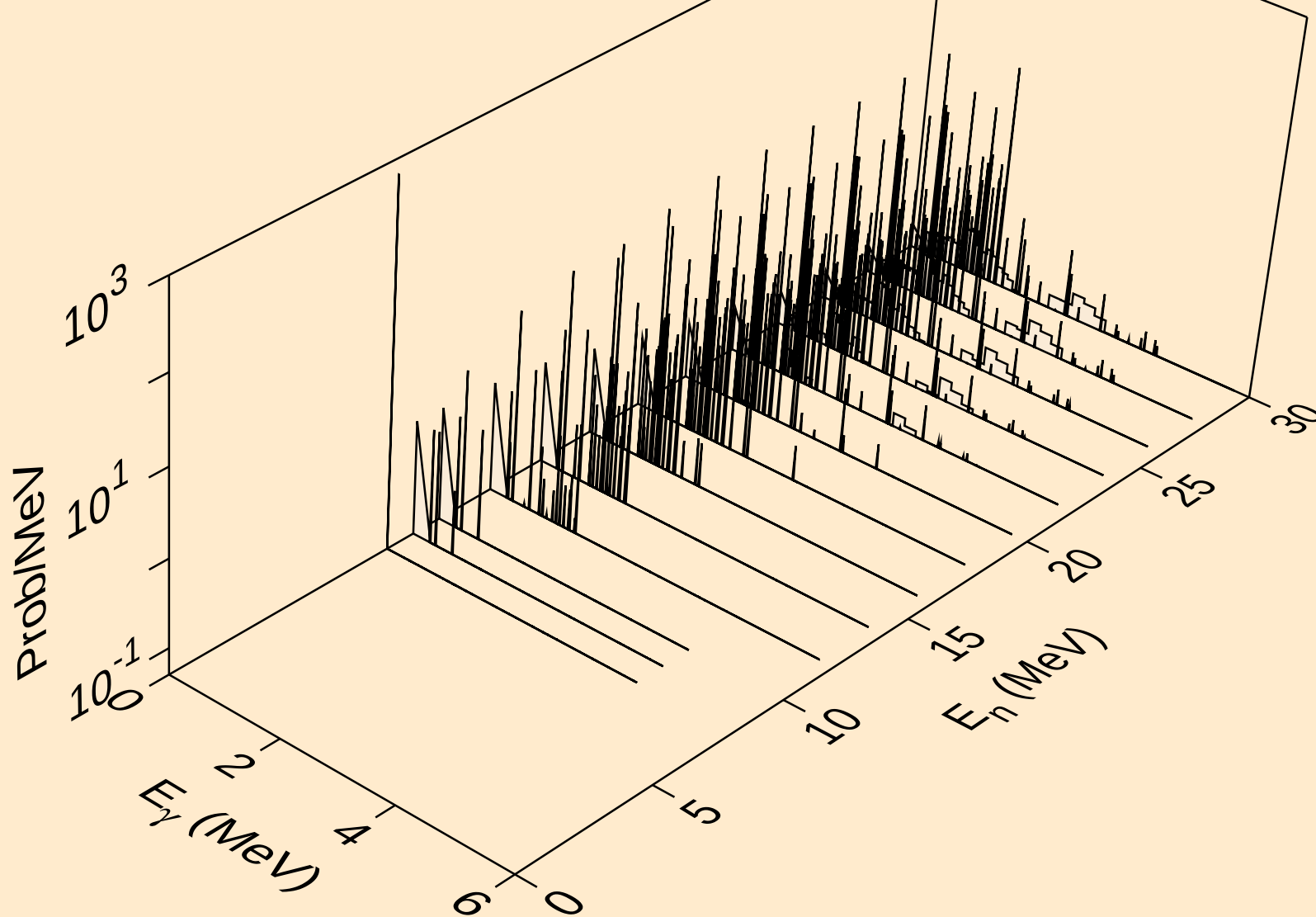
AS084 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



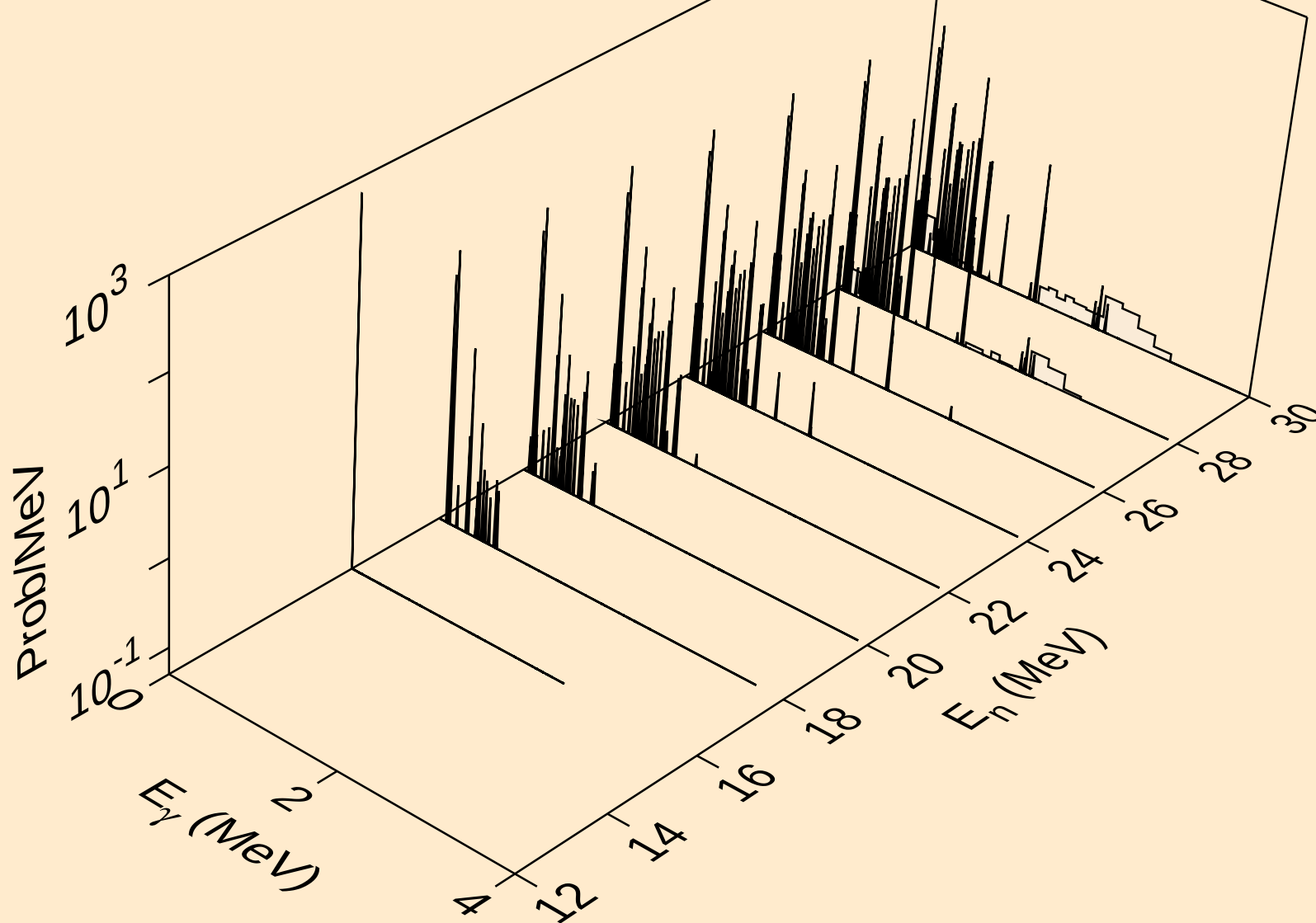
AS084 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



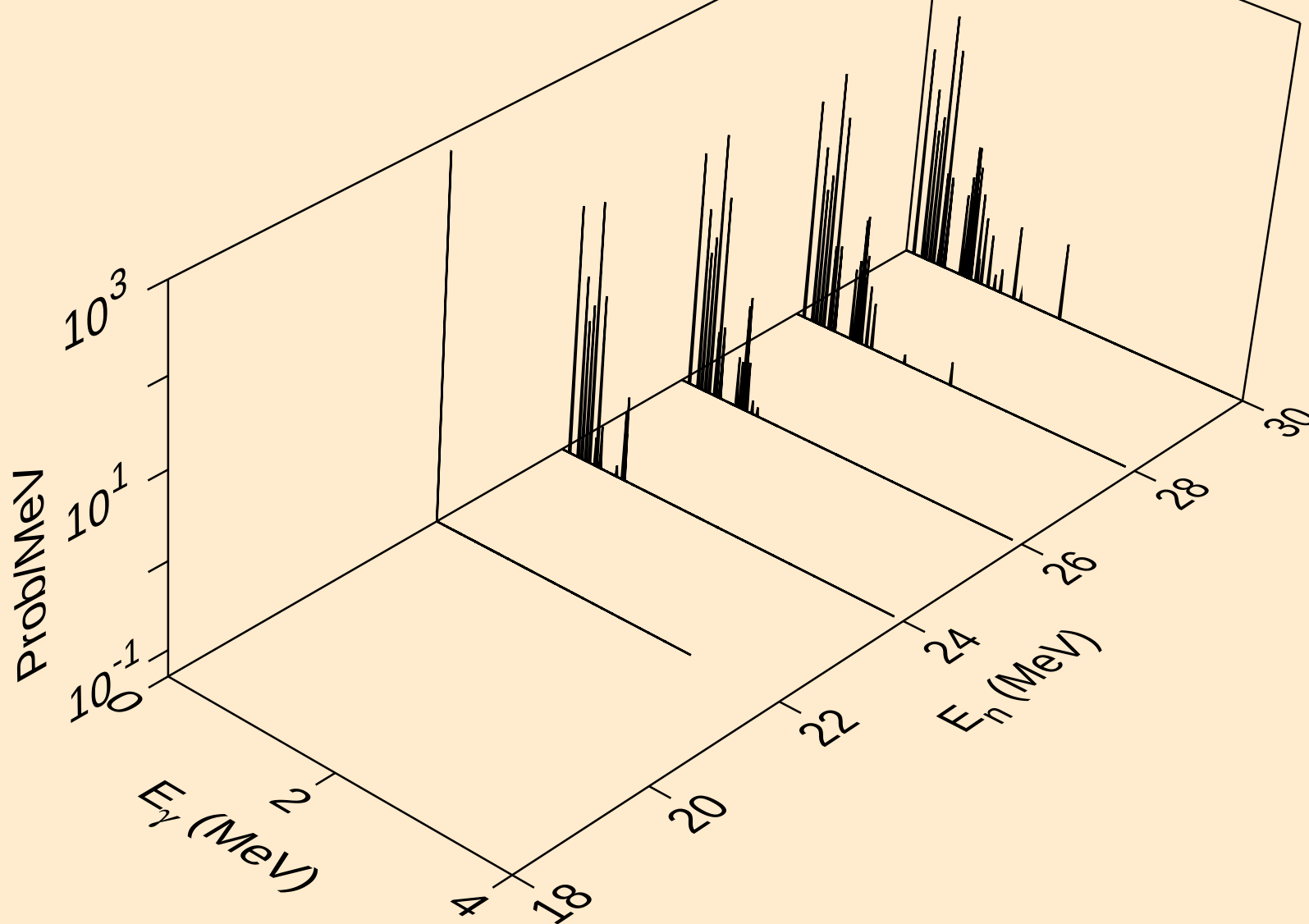
AS084 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



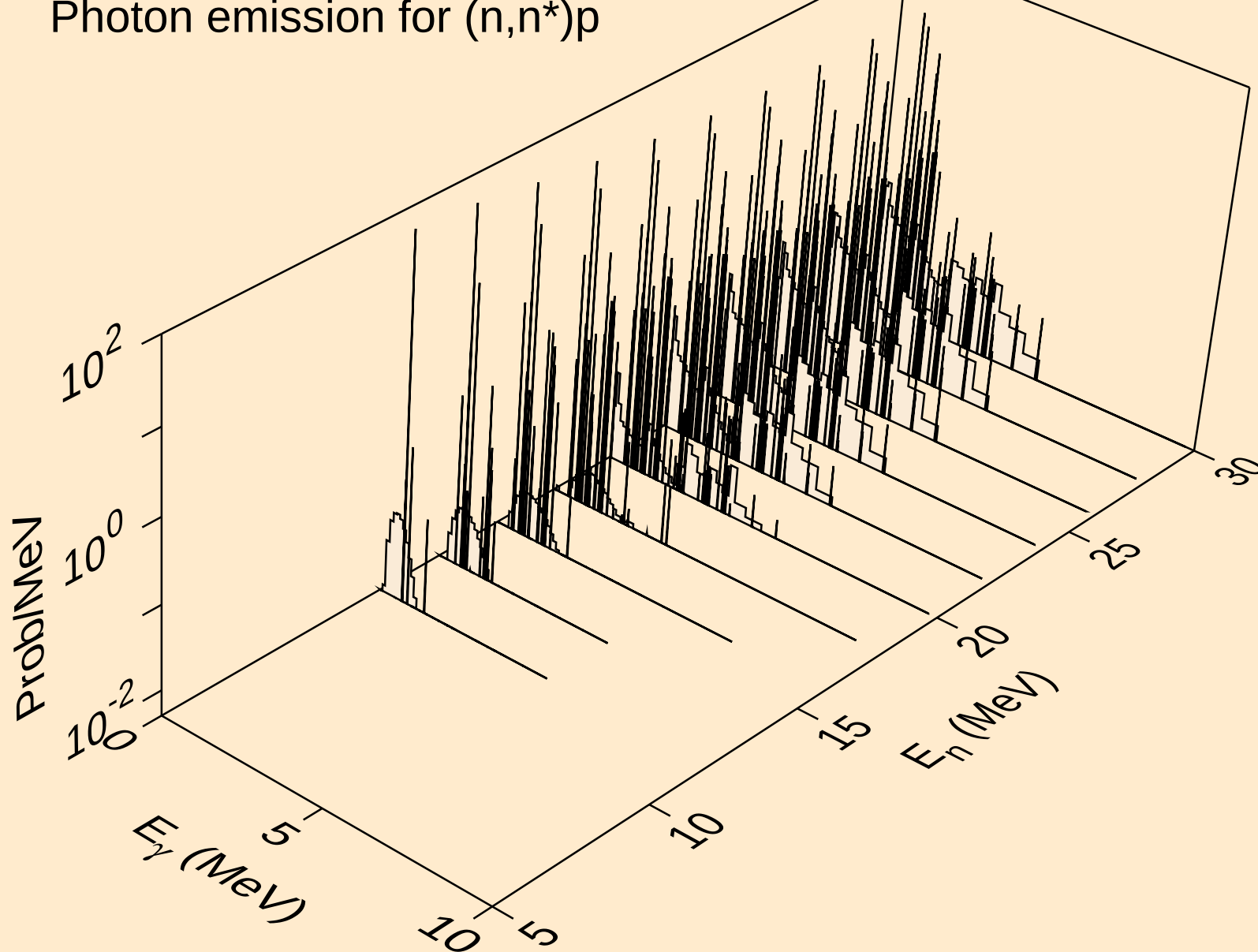
AS084 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



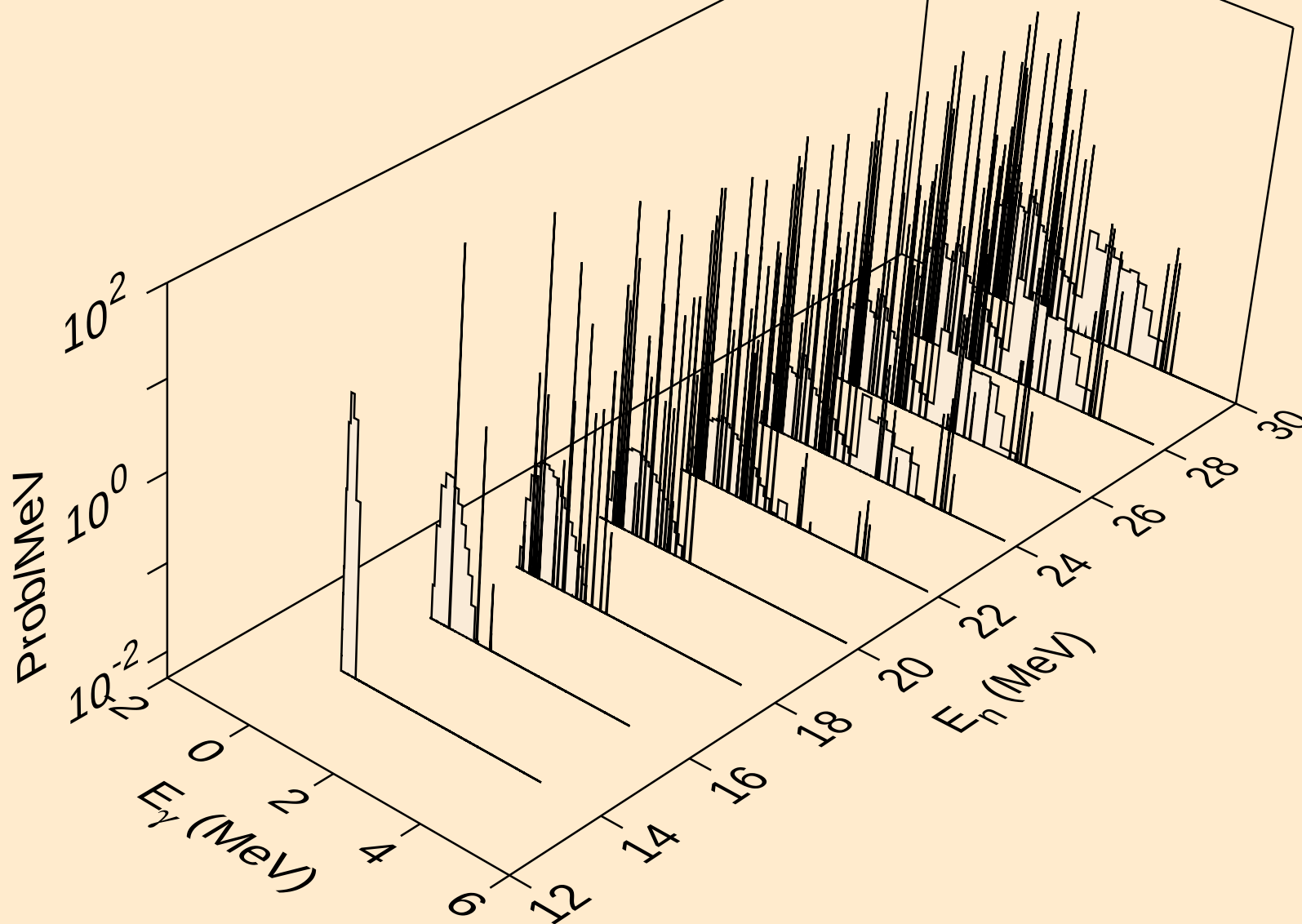
AS084 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)a



AS084 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

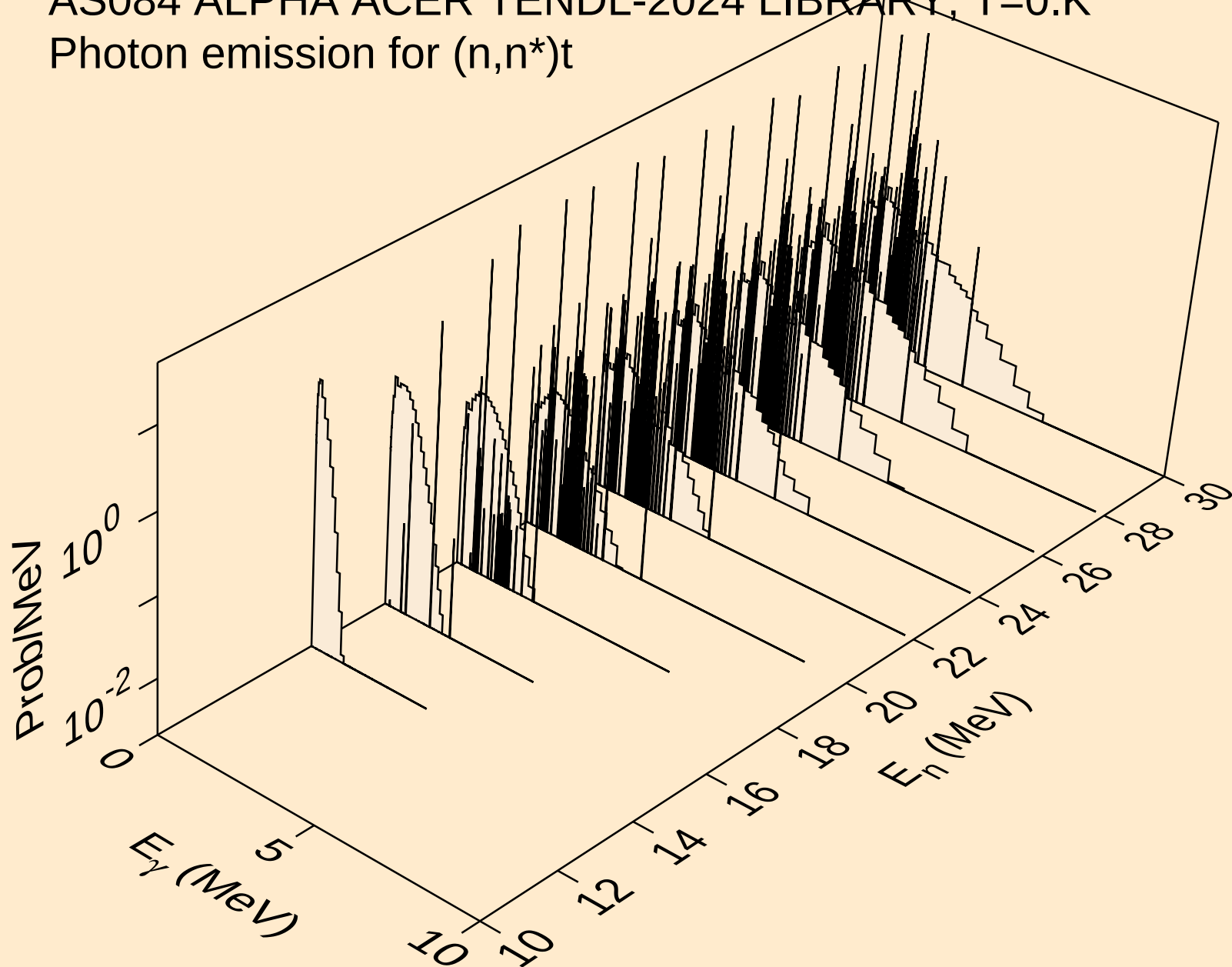


AS084 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



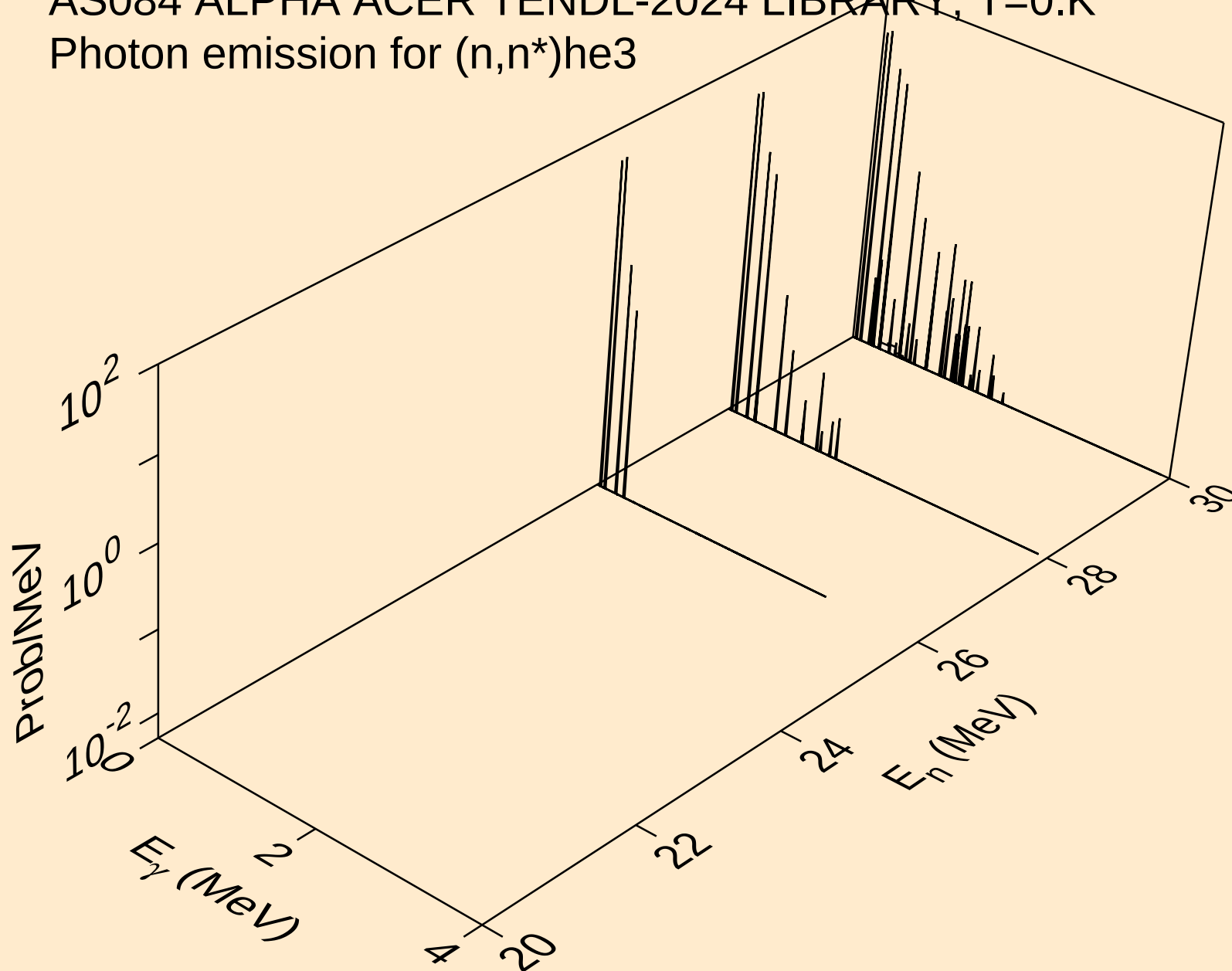
AS084 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)t

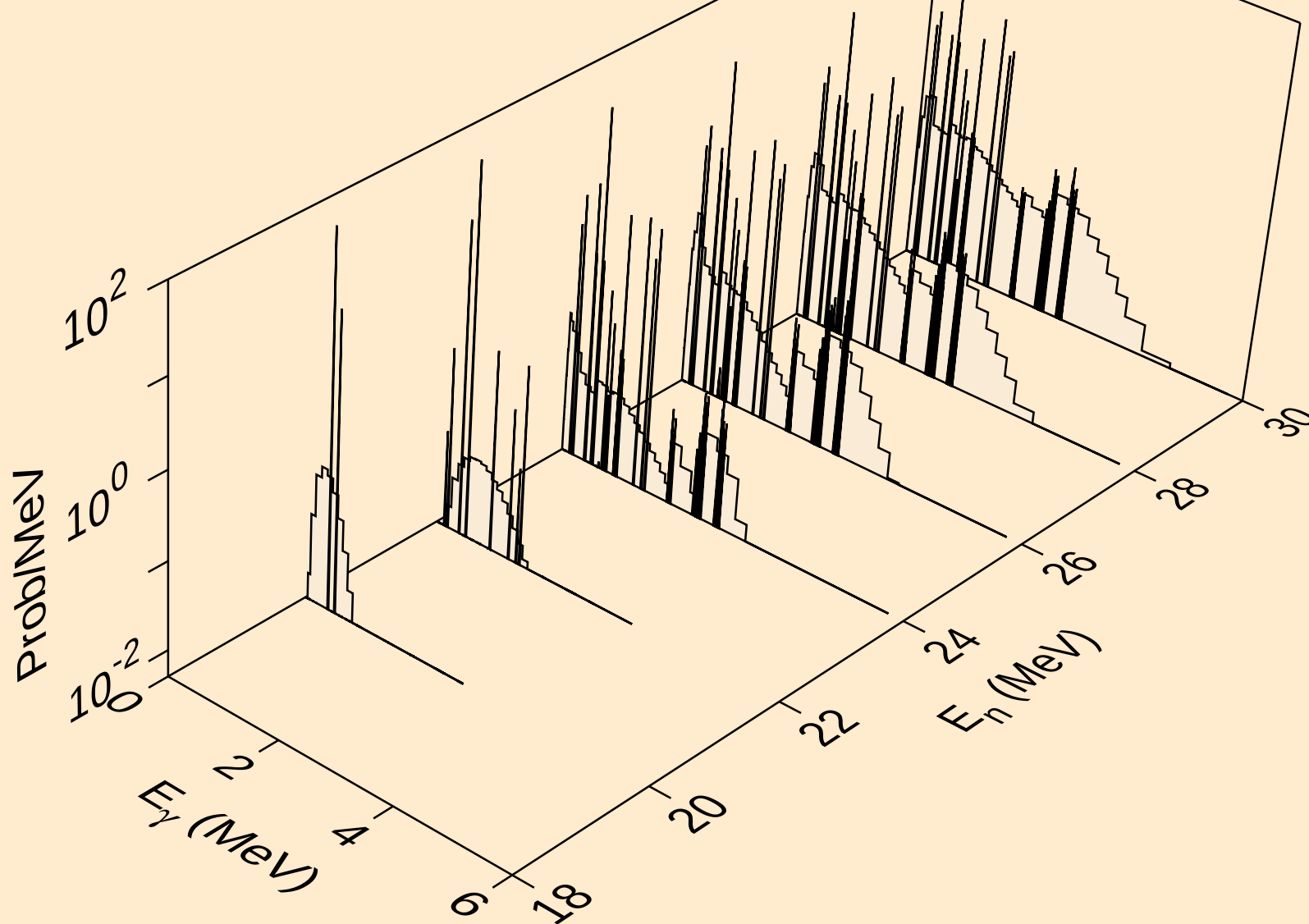


AS084 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

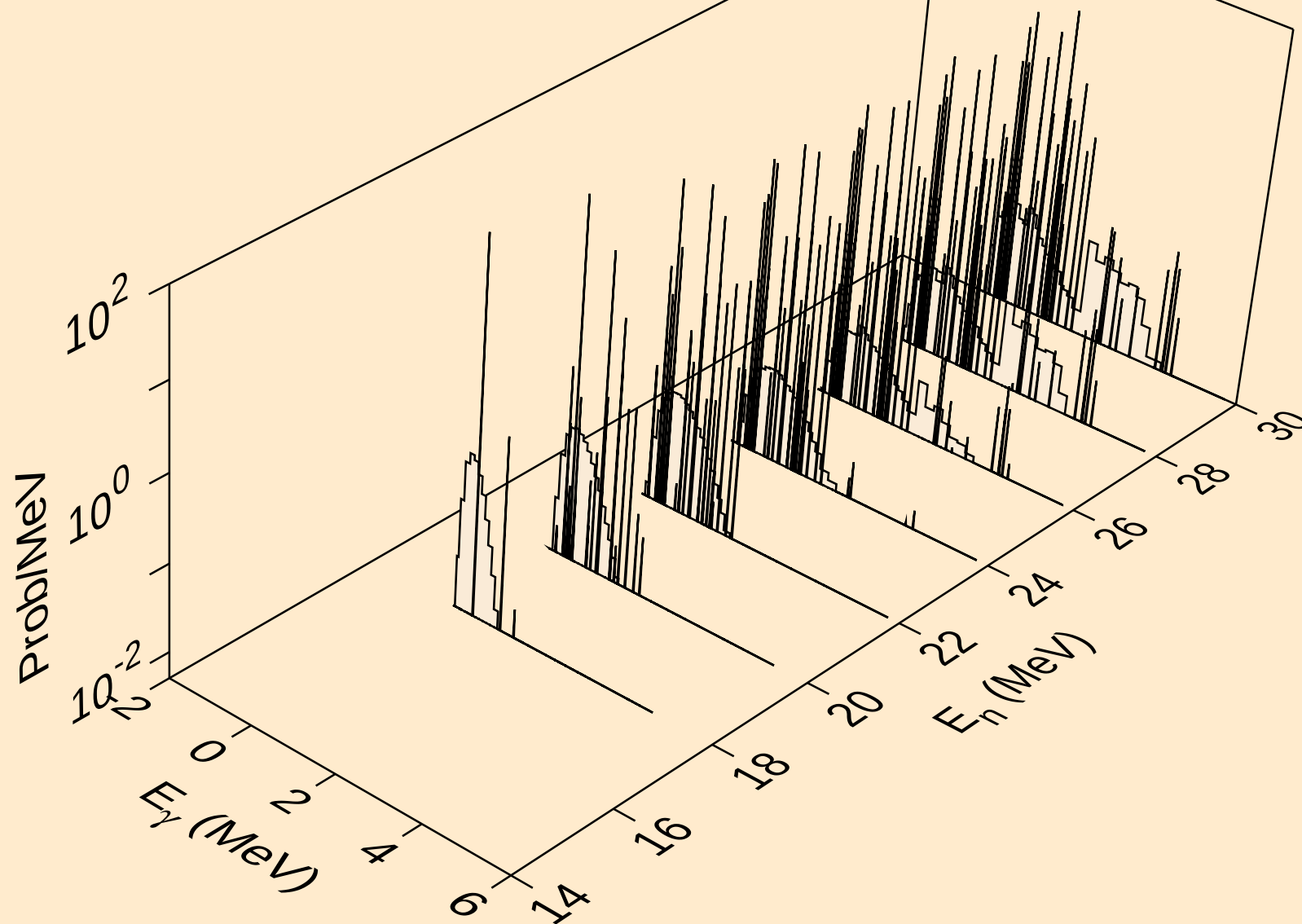
Photon emission for (n,n\*)he3



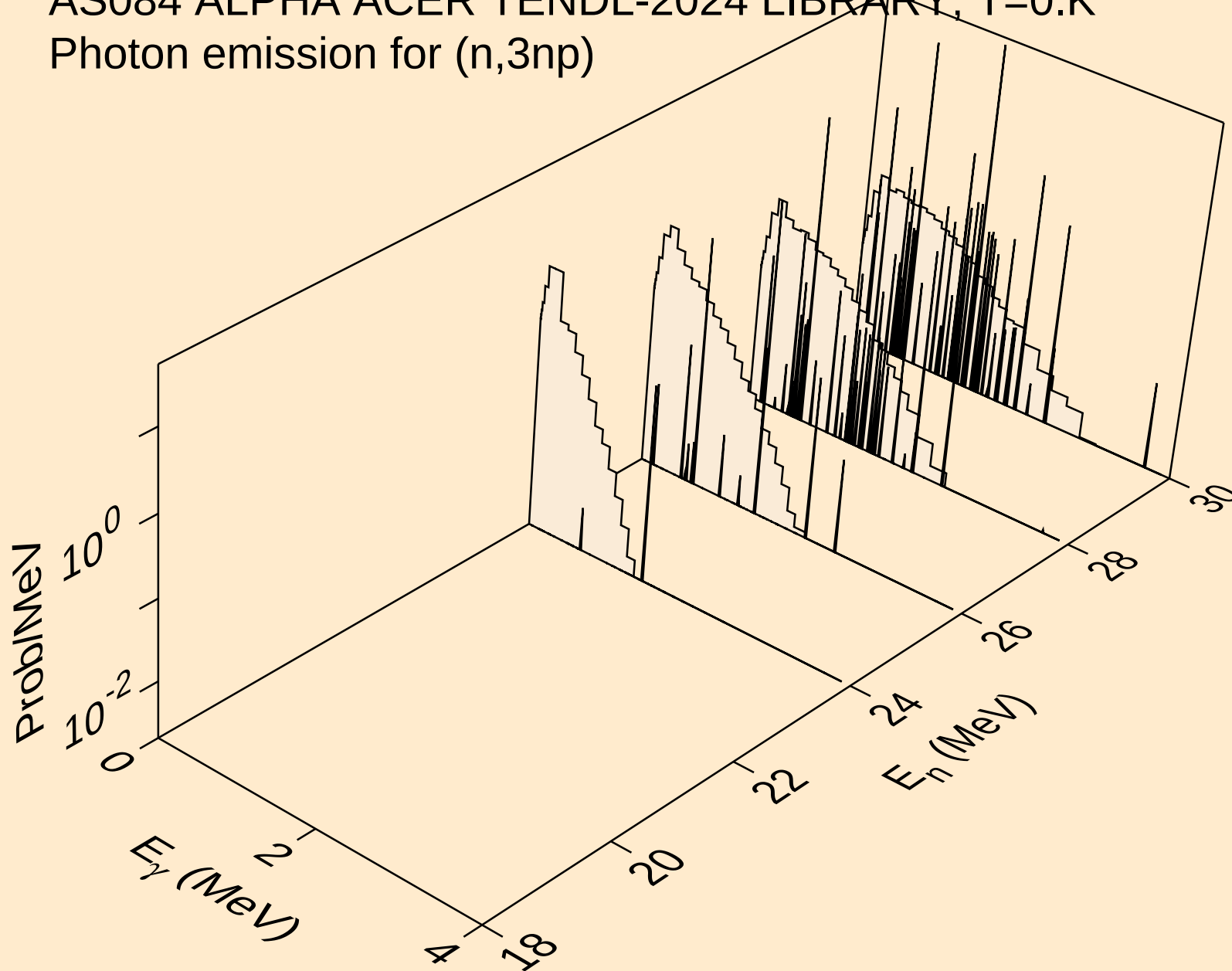
AS084 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



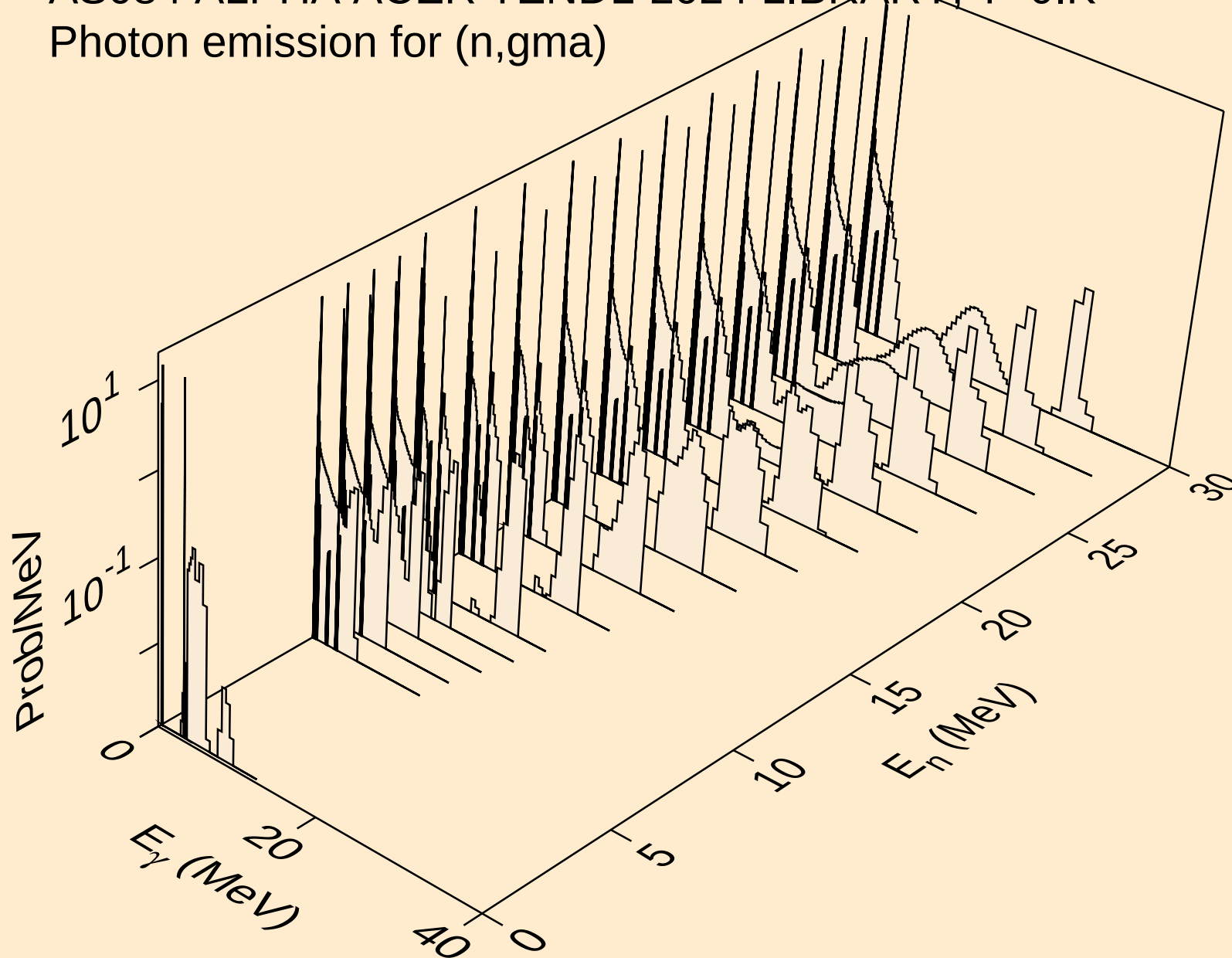
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Photon emission for (n,2np)



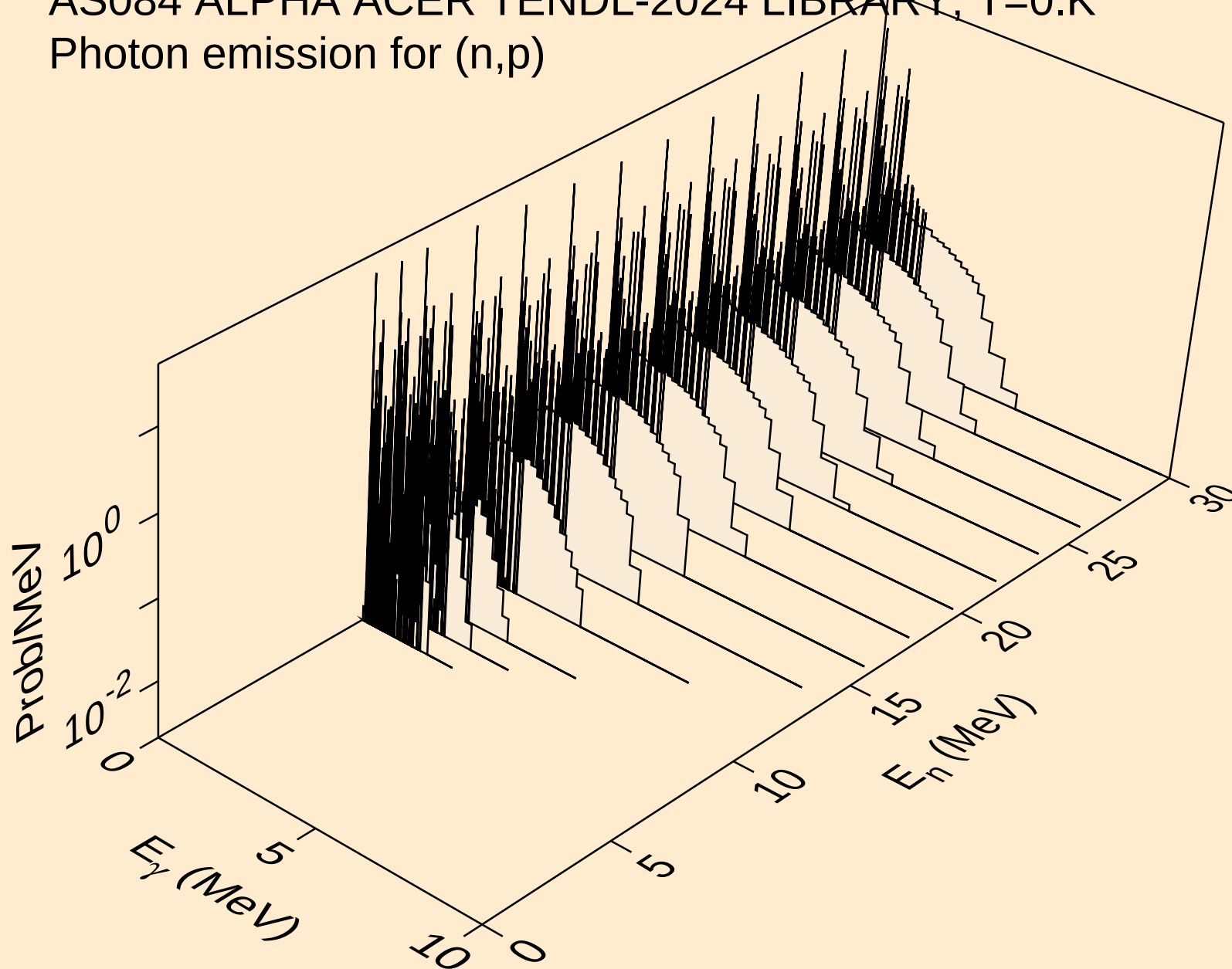
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Photon emission for (n,3np)



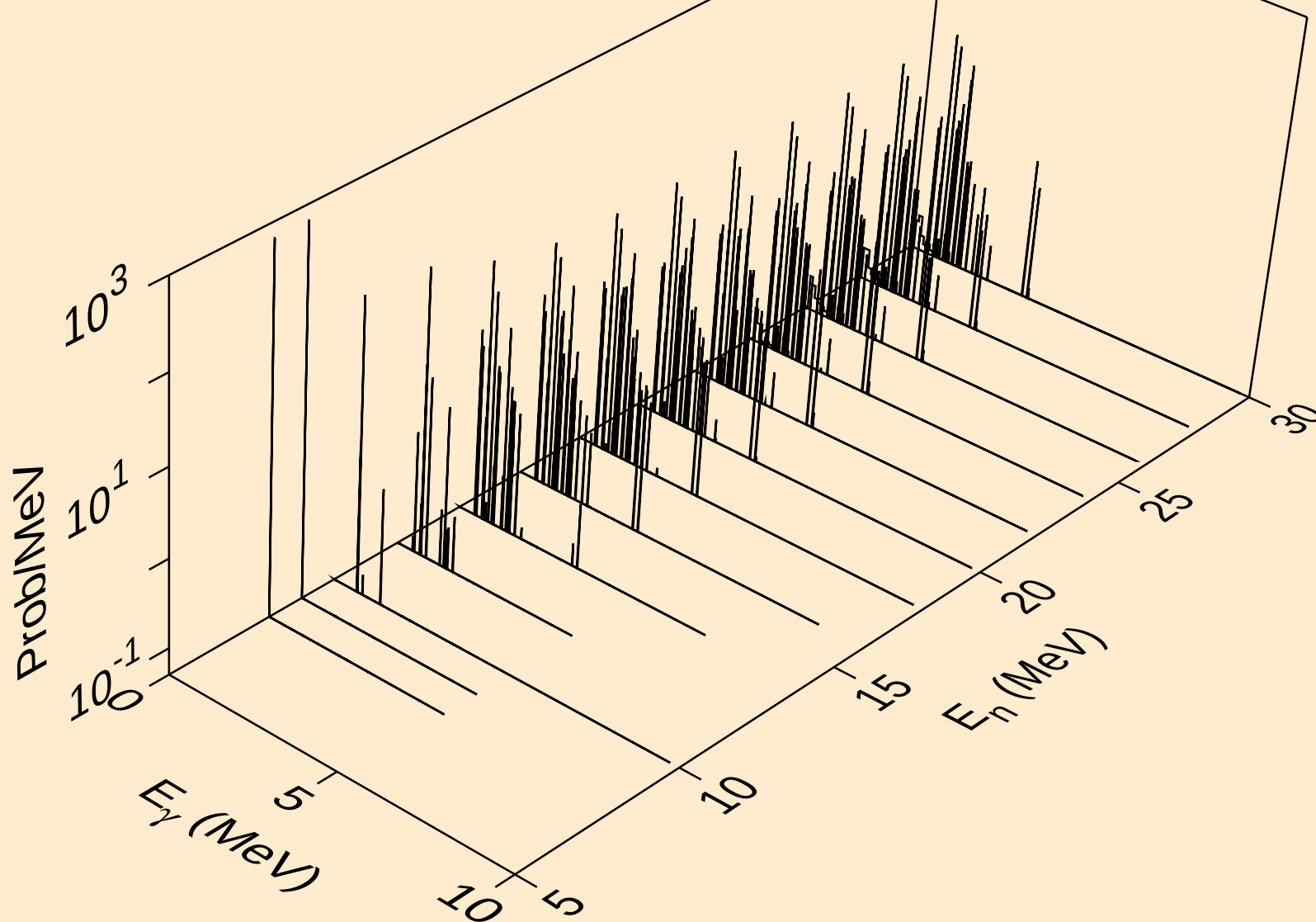
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Photon emission for (n,gma)



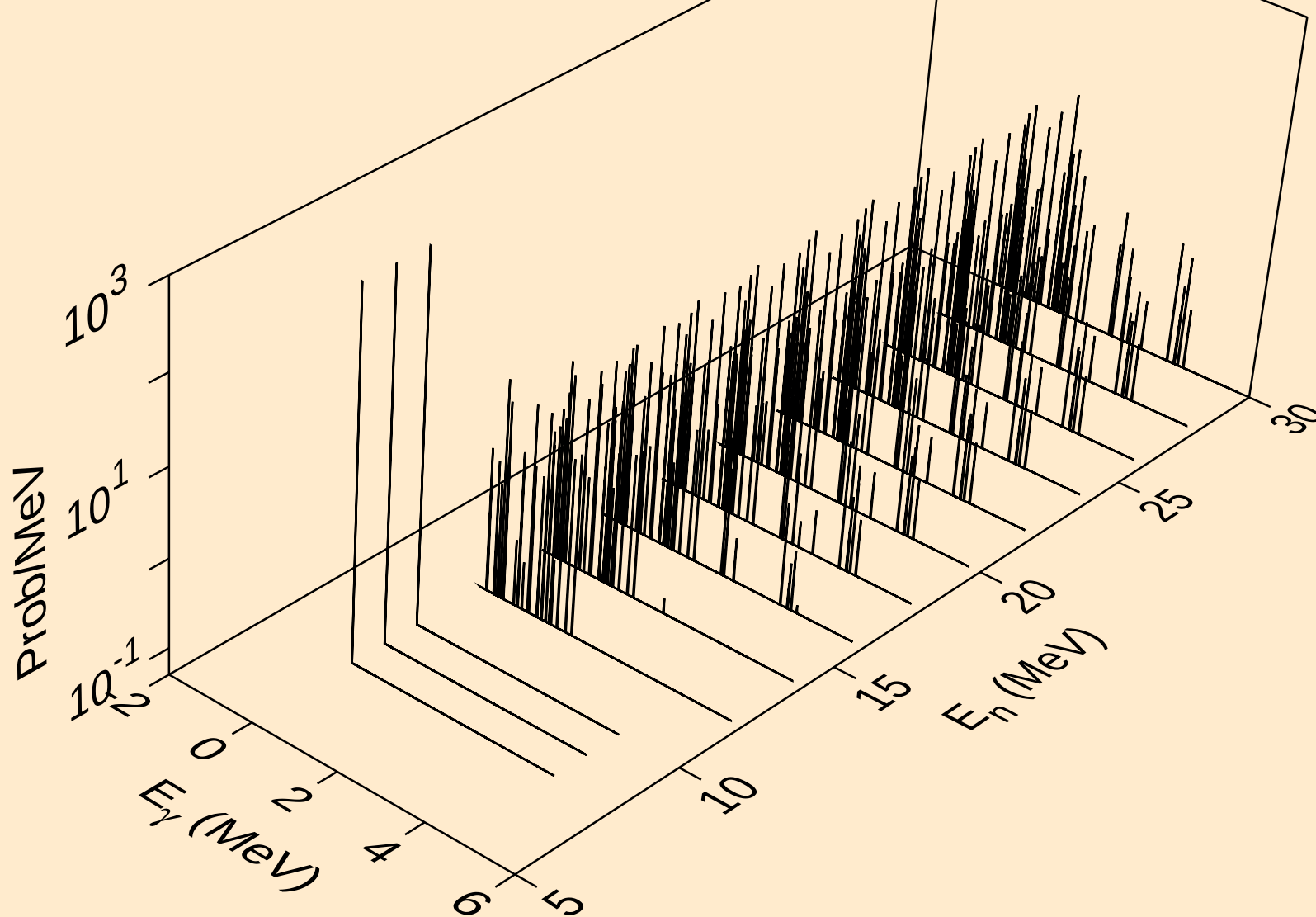
AS084 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



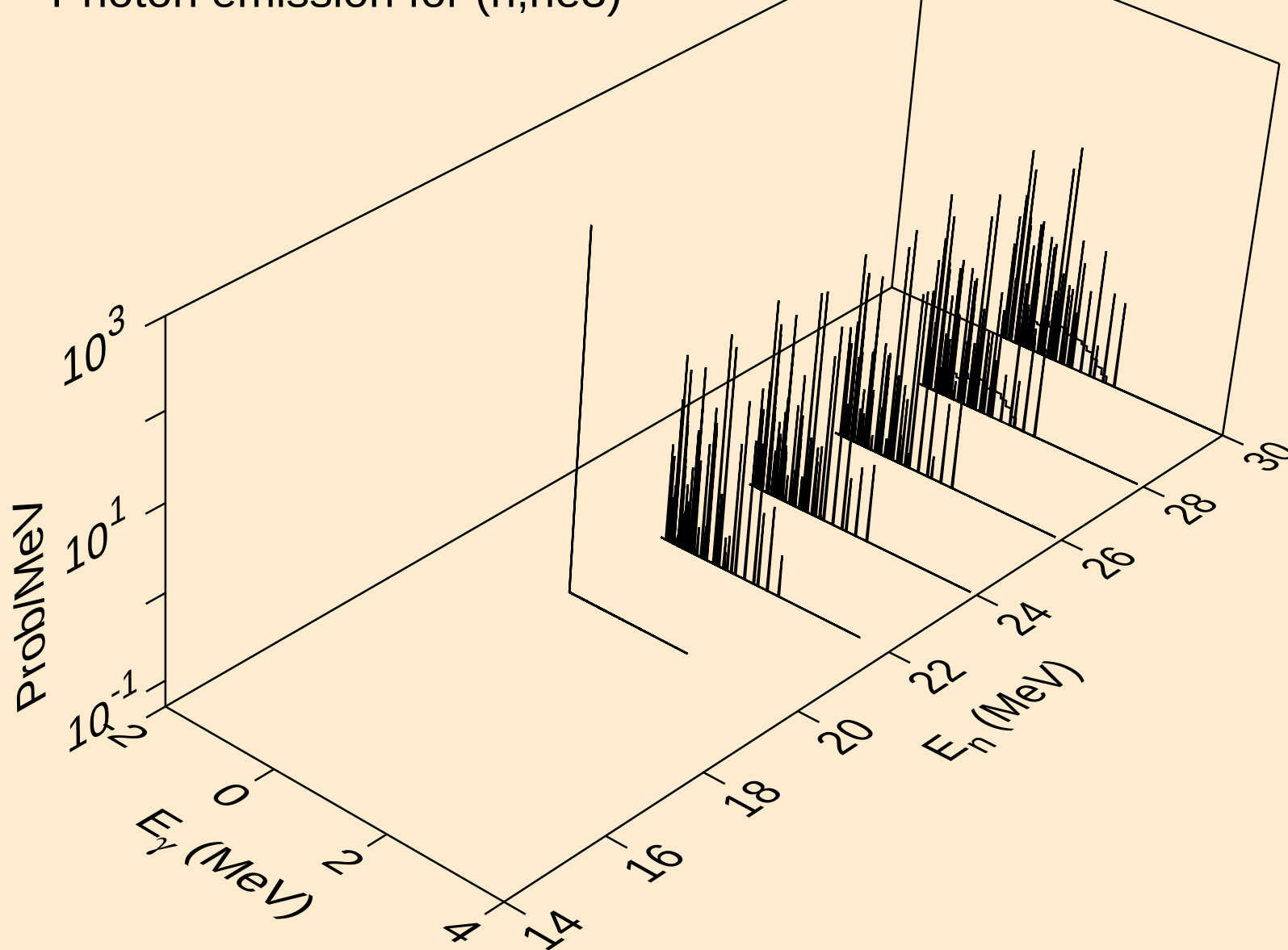
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Photon emission for (n,d)



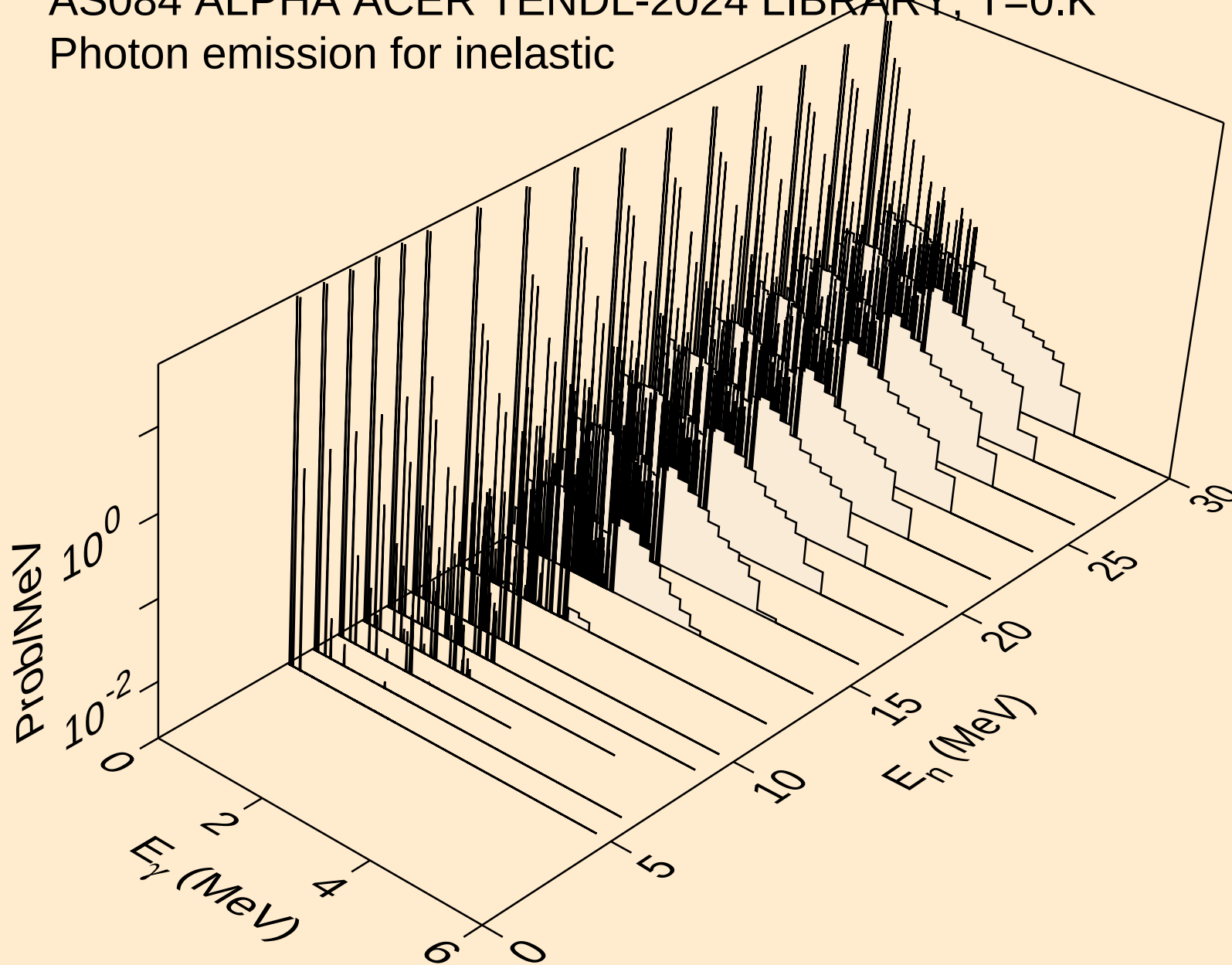
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Photon emission for (n,t)



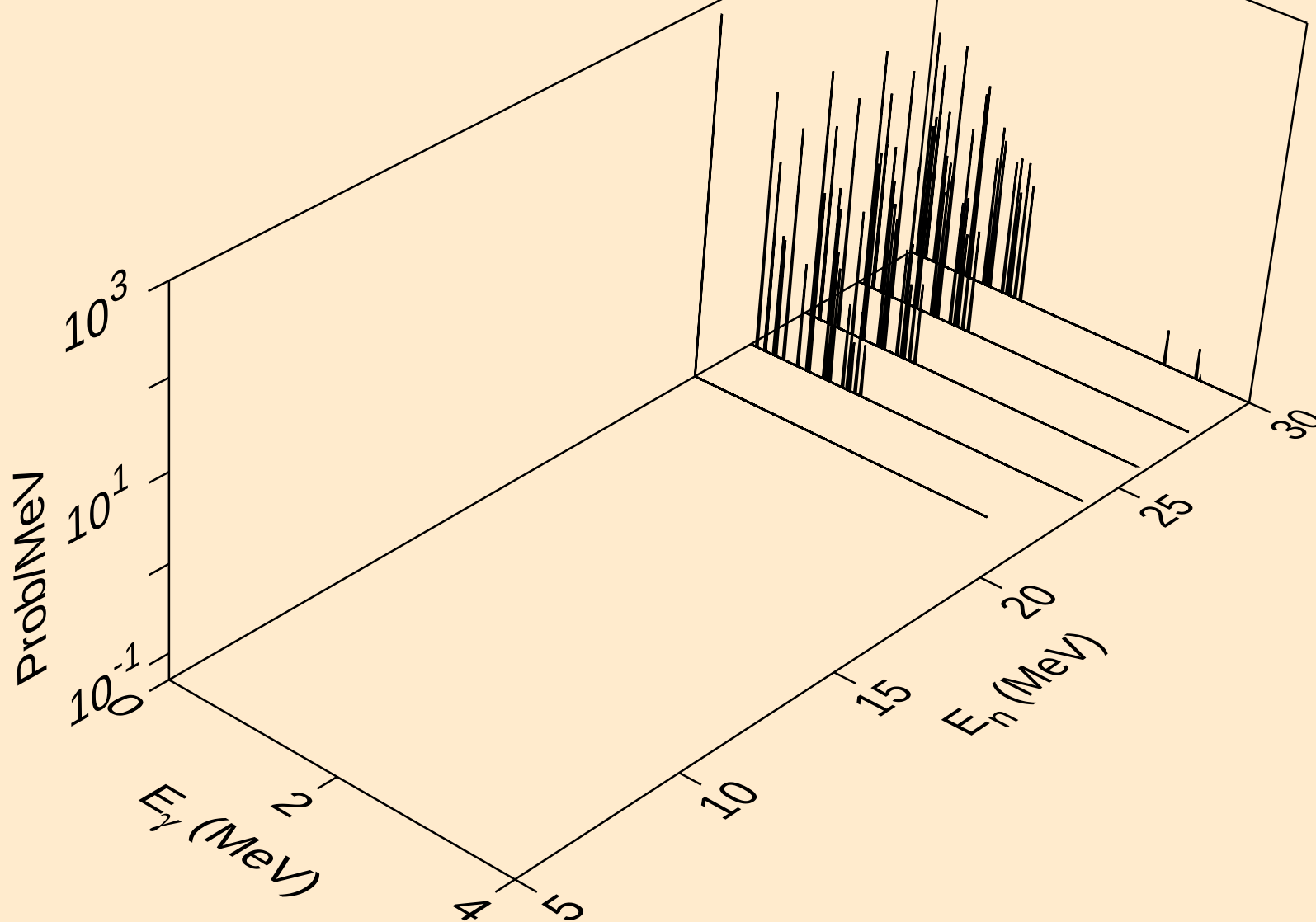
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Photon emission for (n,he3)



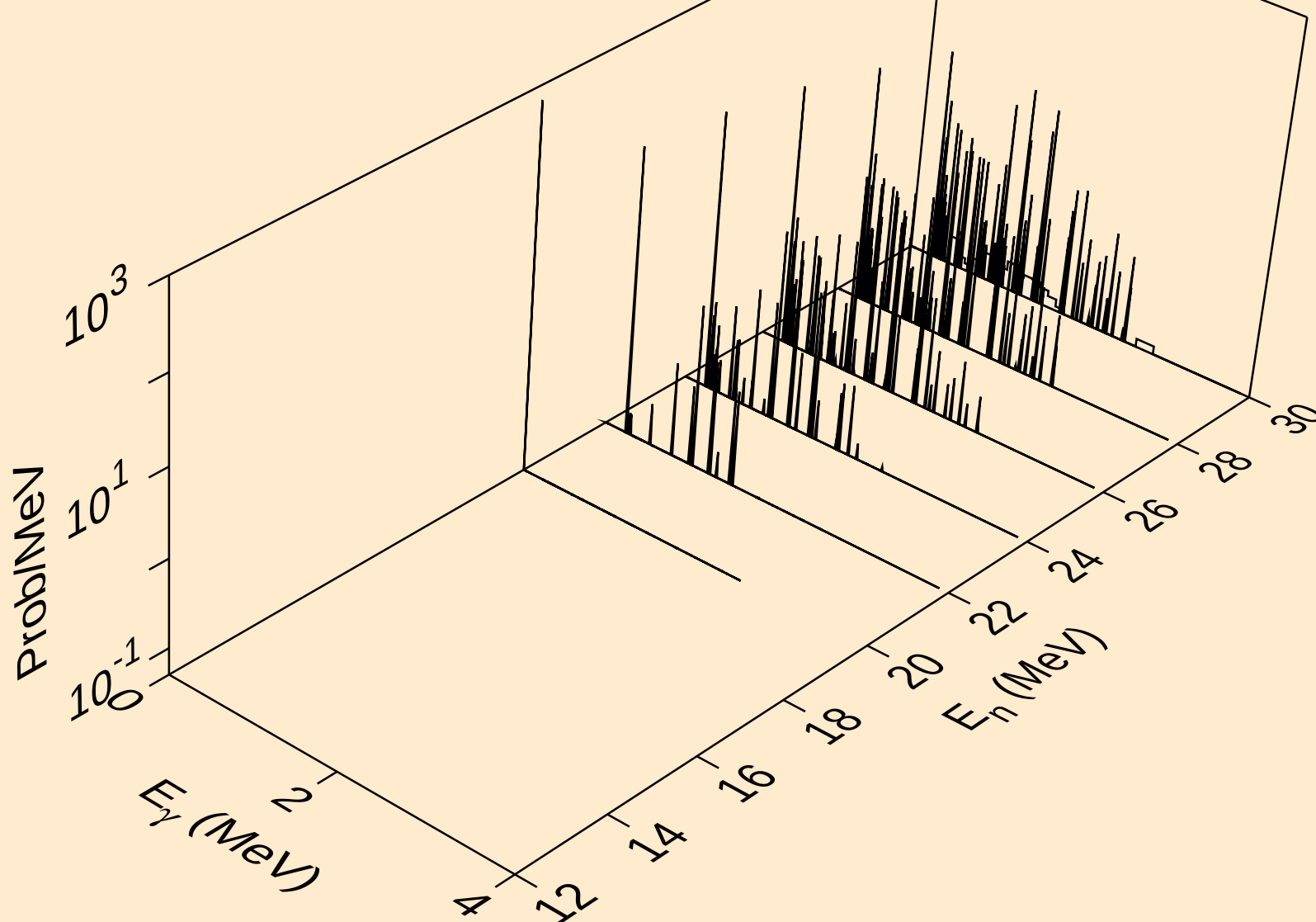
AS084 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic



AS084 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)

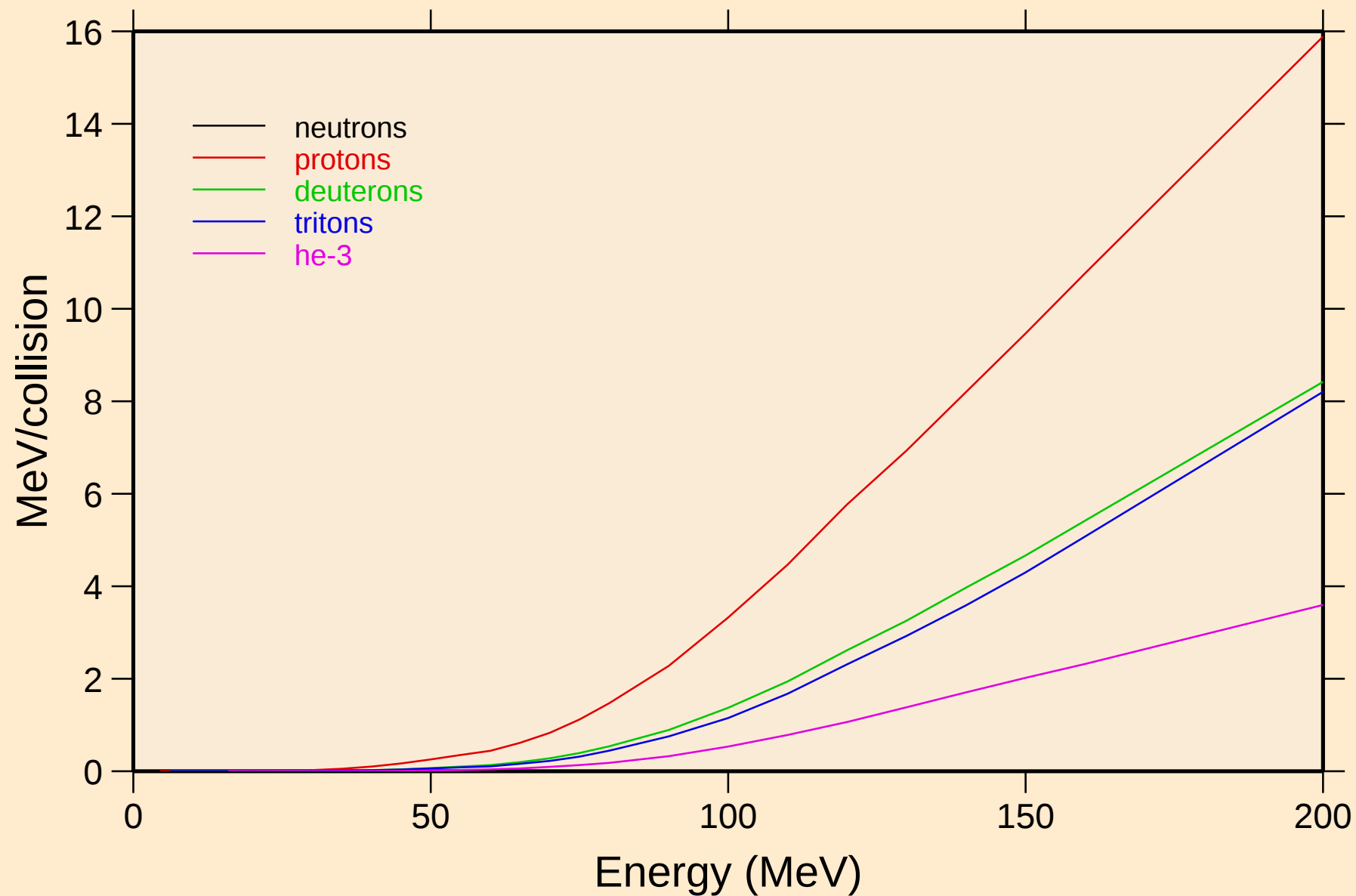


AS084 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pa)



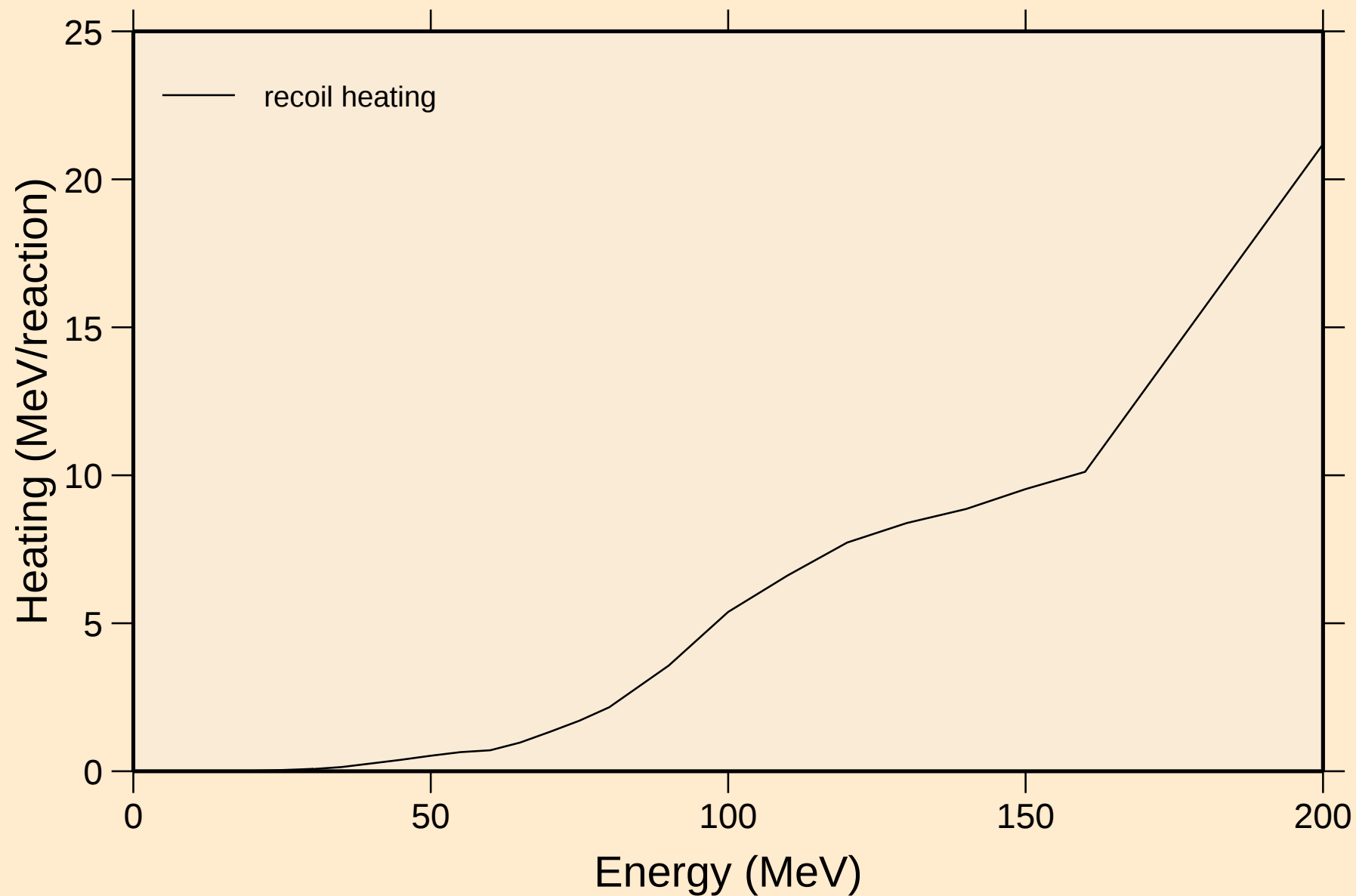
# AS084 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Particle heating contributions



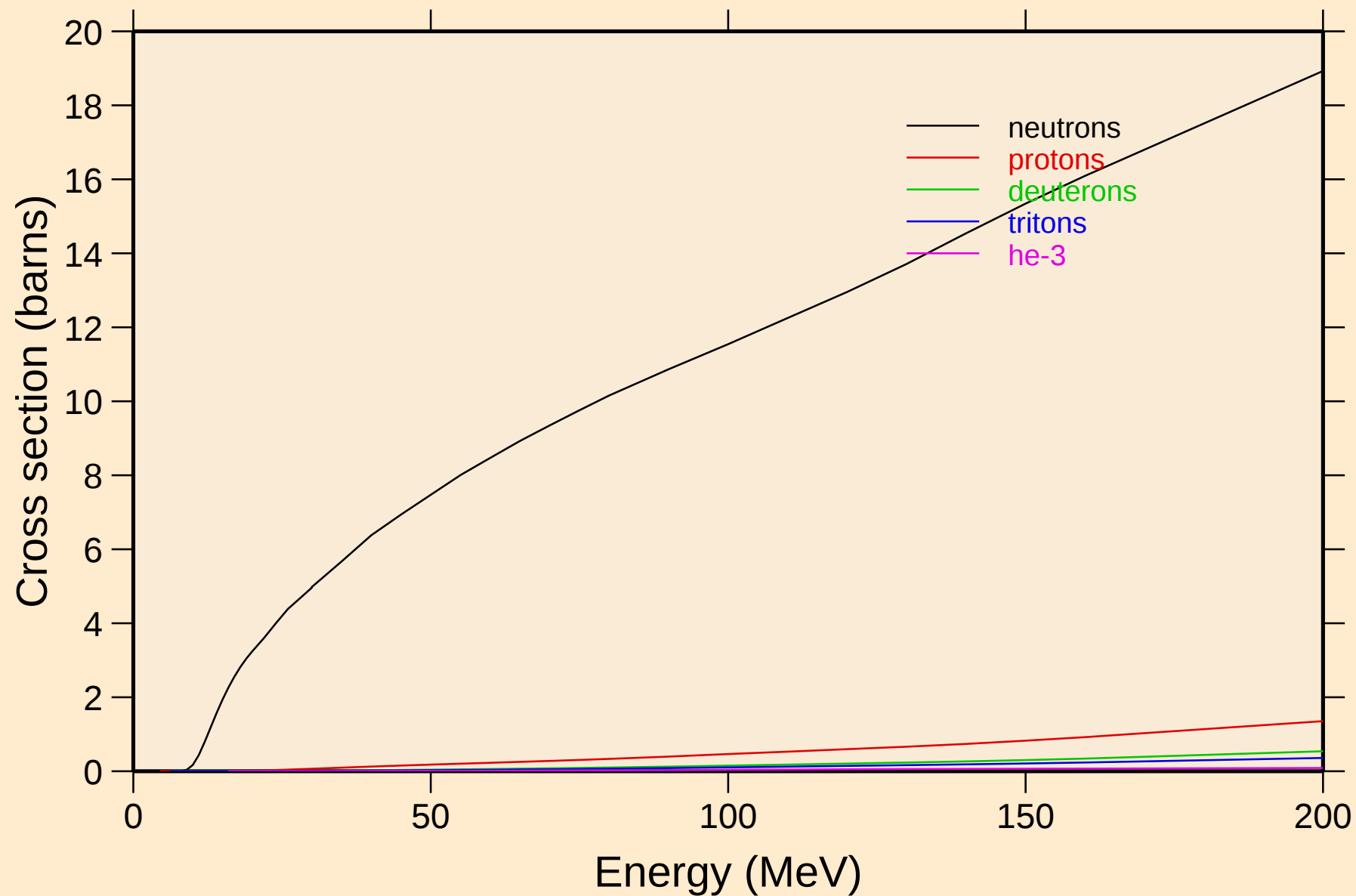
AS084 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Recoil Heating

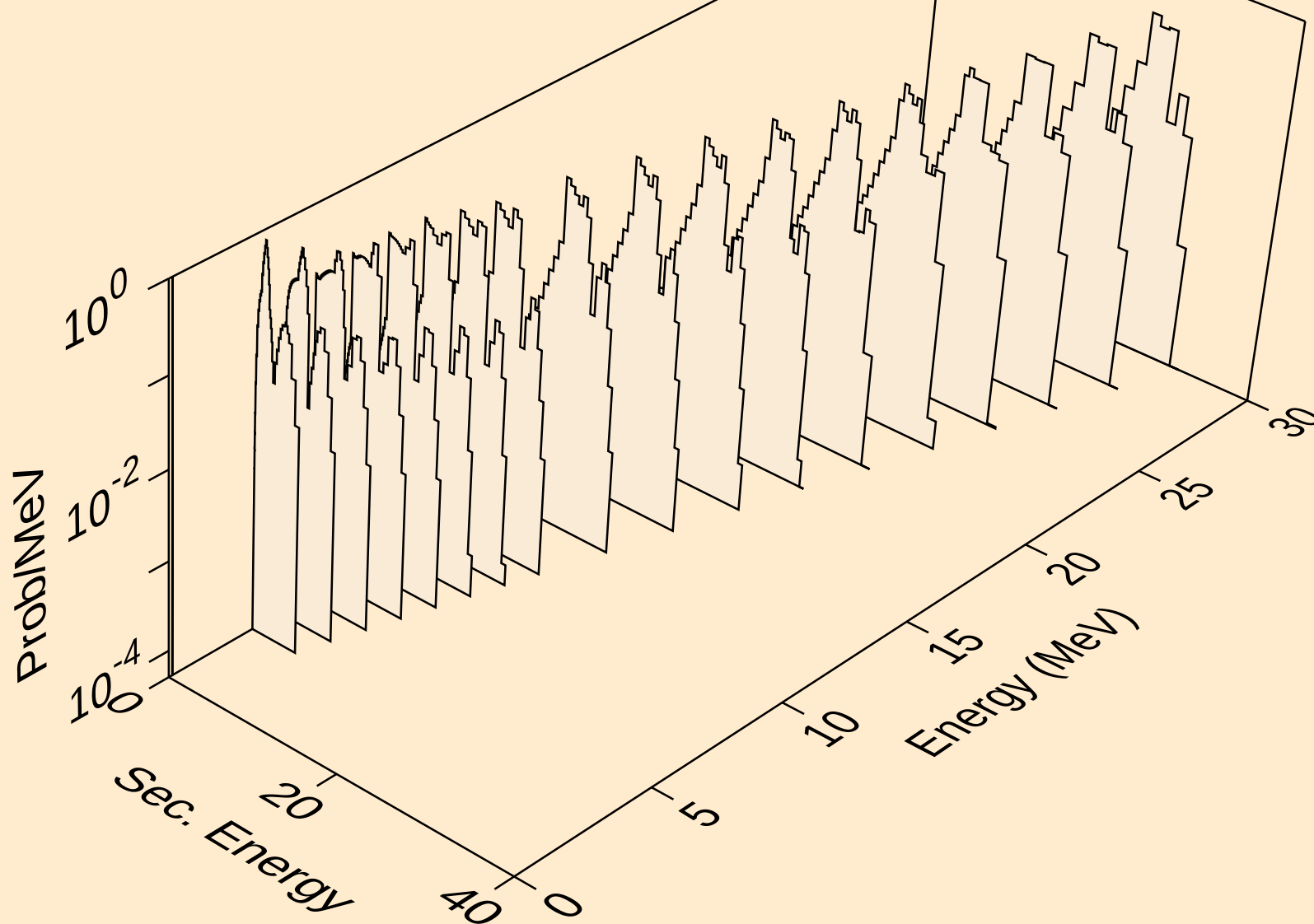


# AS084 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

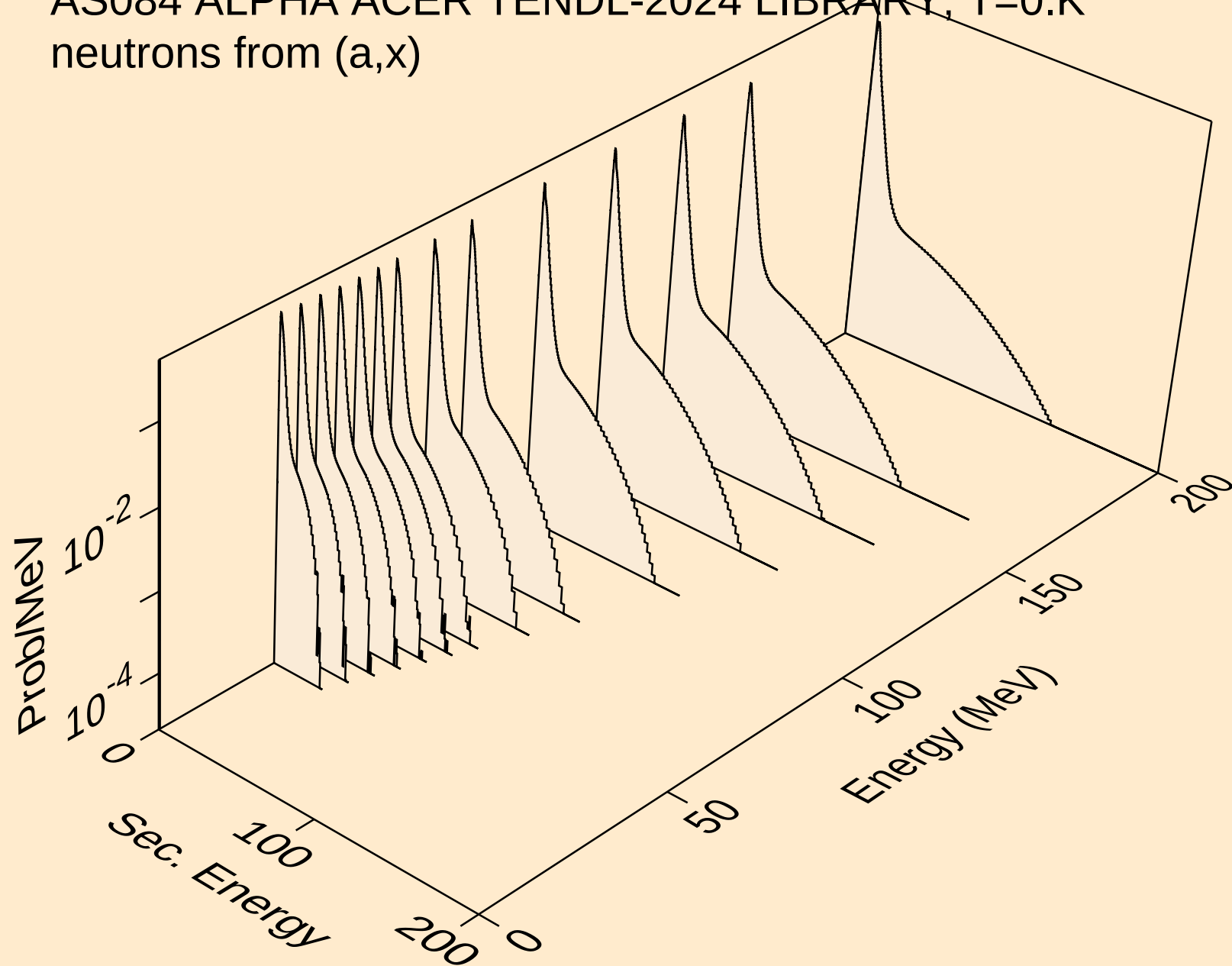
## Particle production cross sections



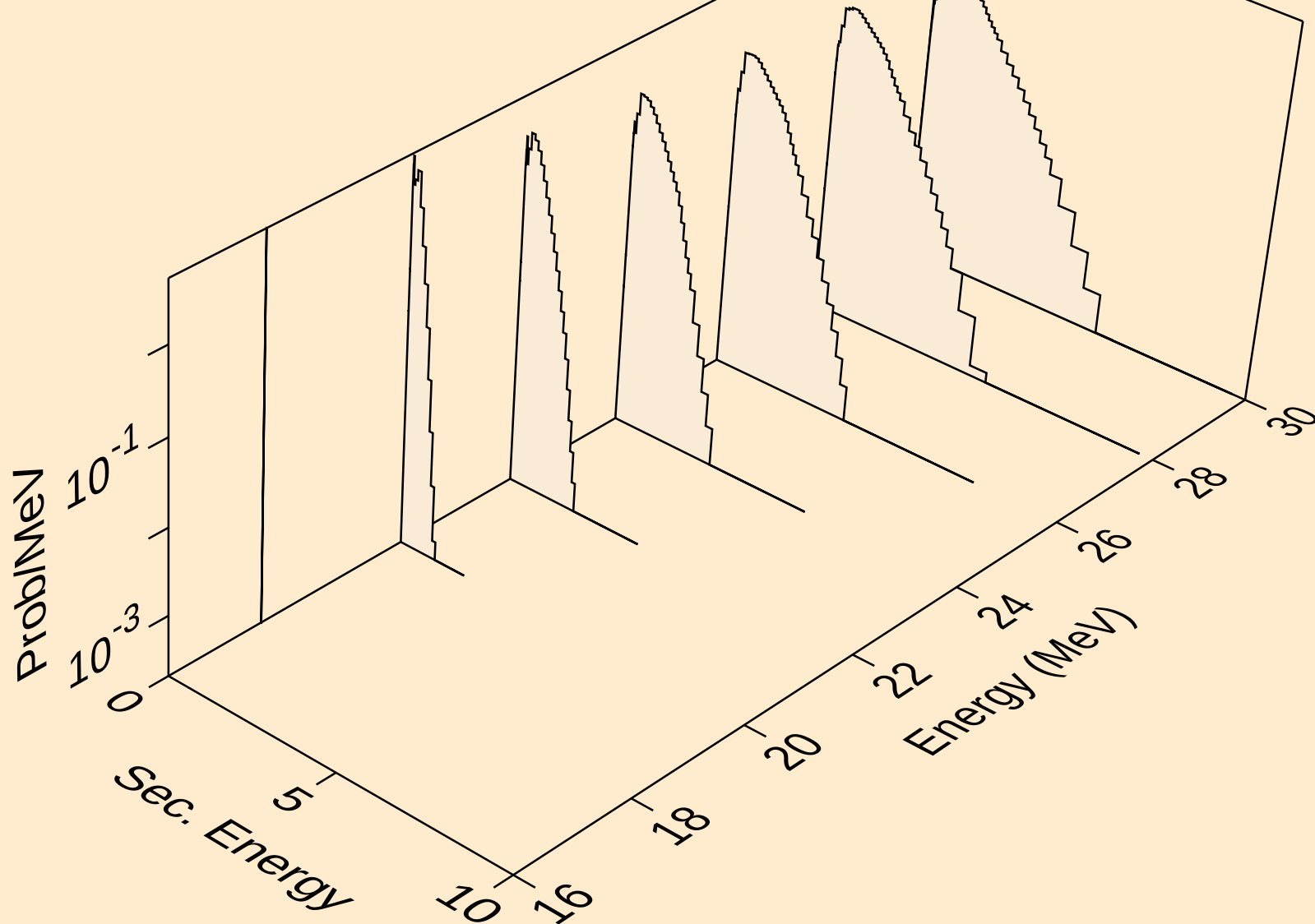
AS084 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n)



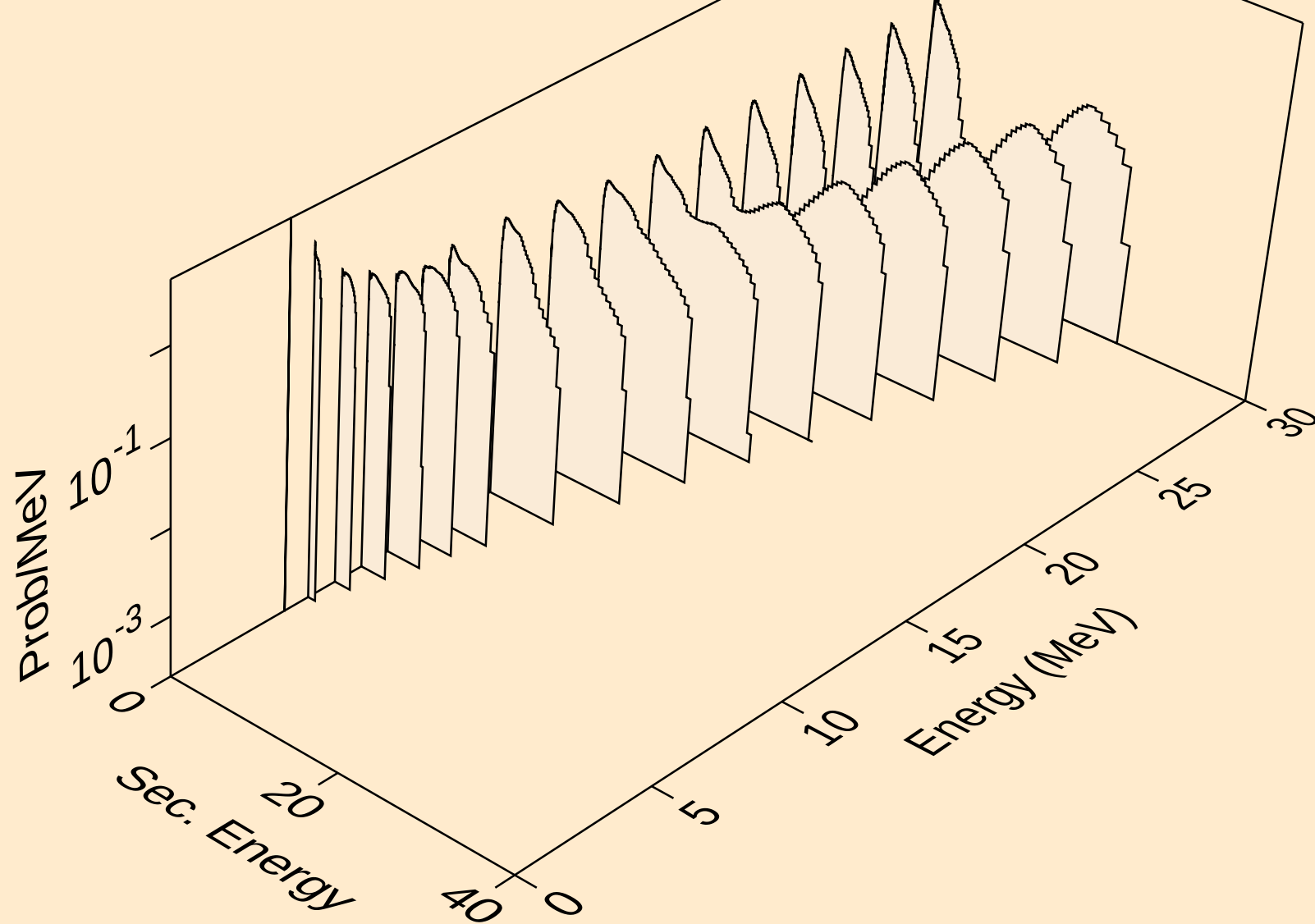
AS084 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,x)



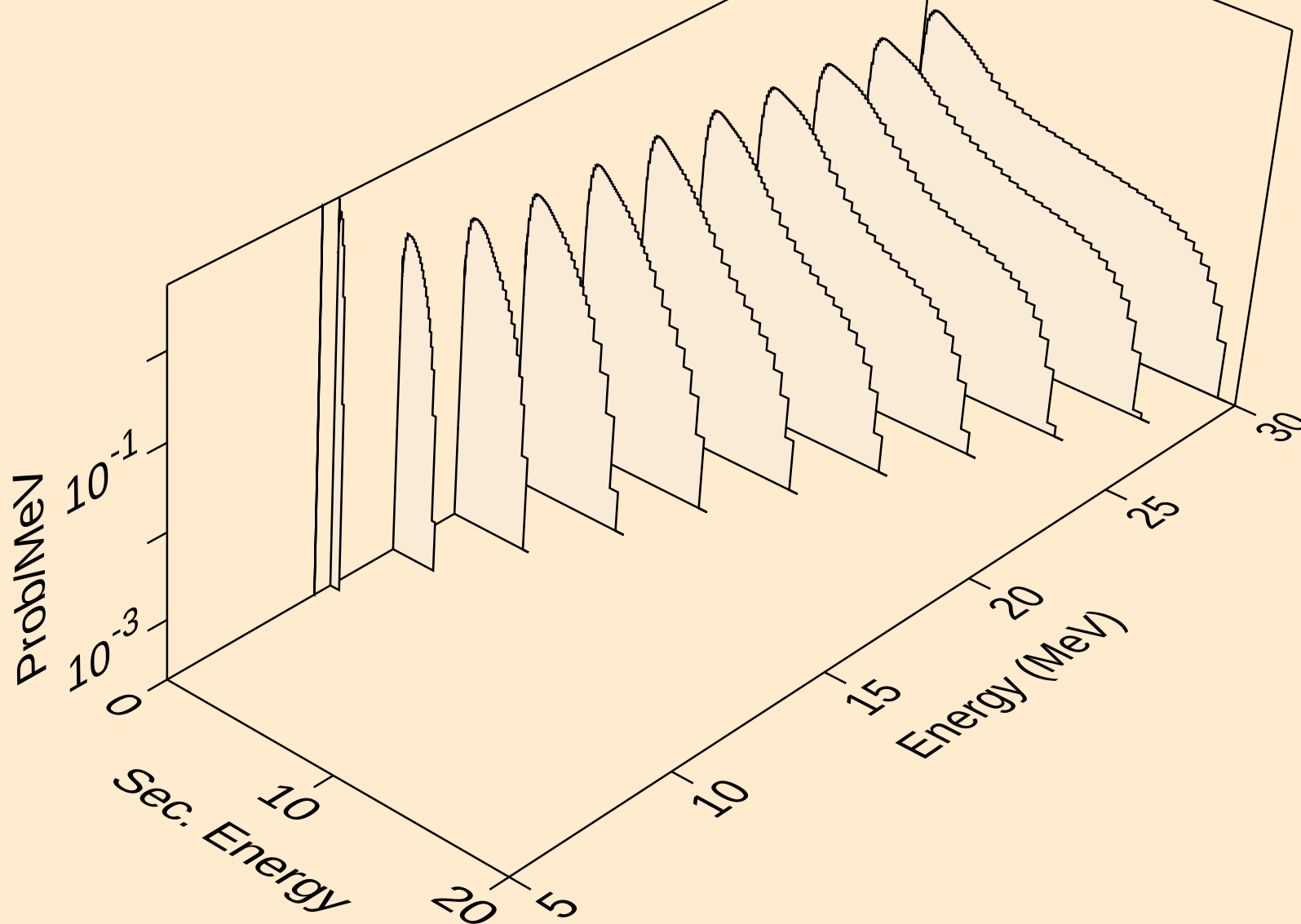
AS084 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,2nd)



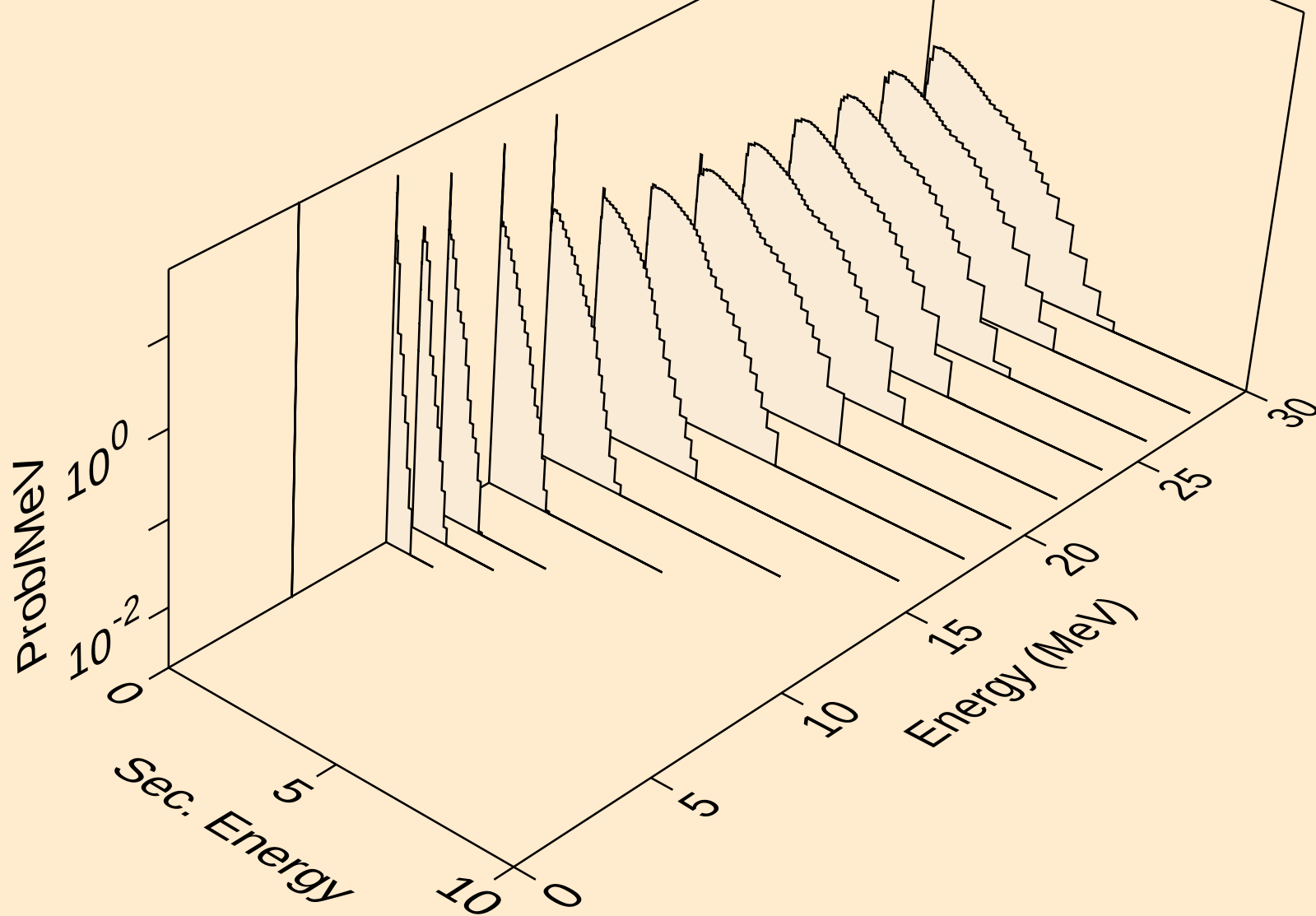
AS084 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,2n)



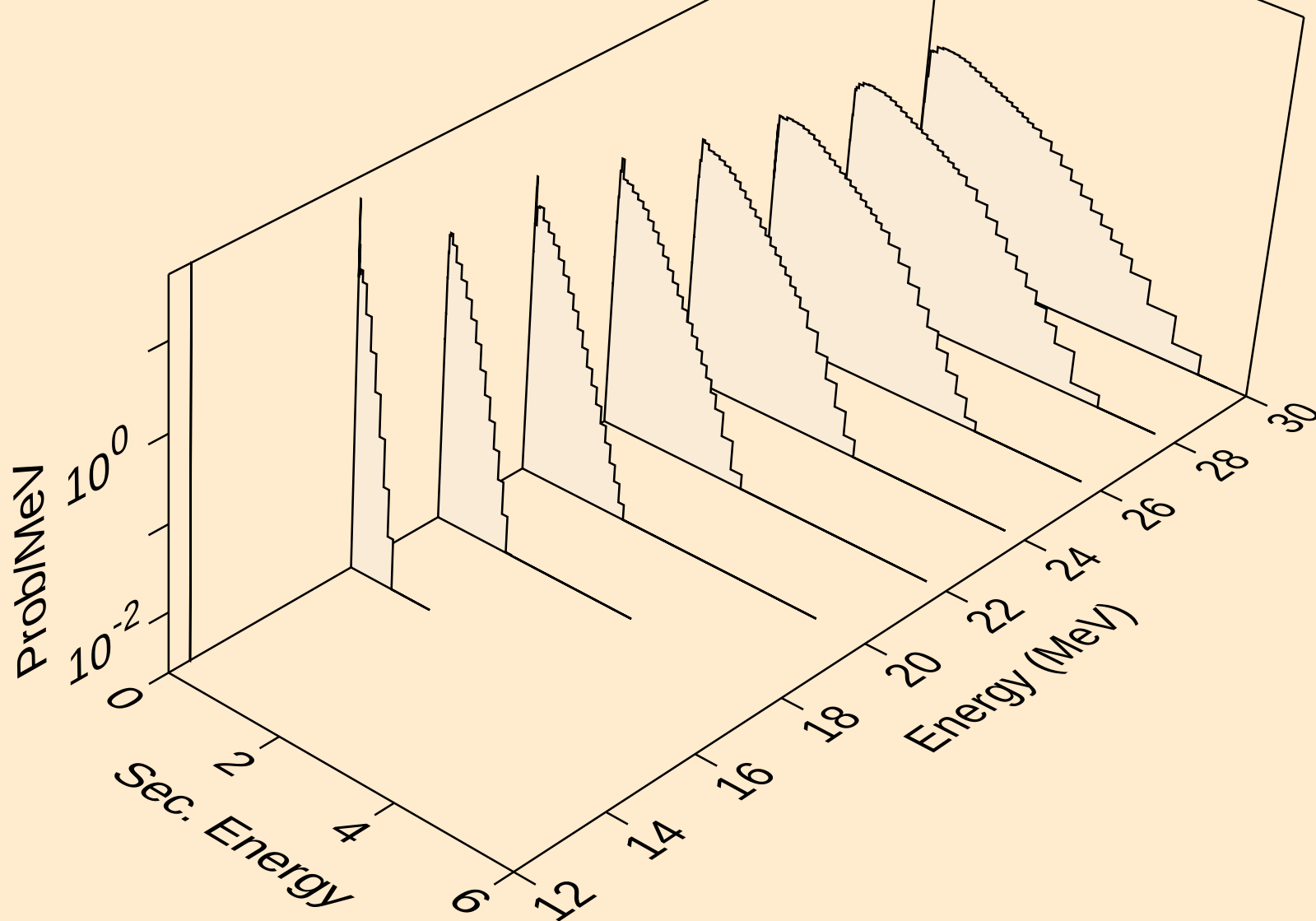
AS084 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,3n)



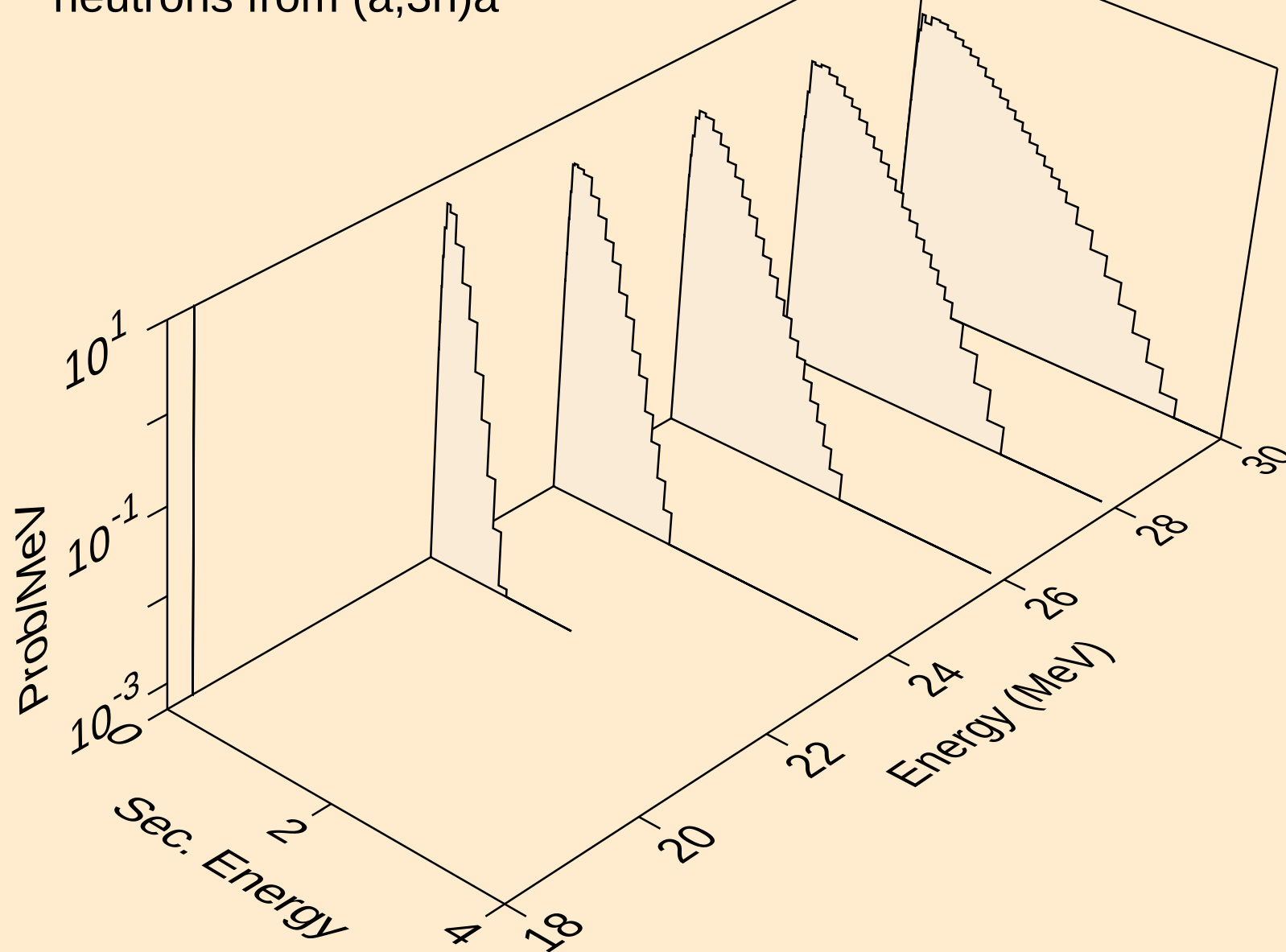
AS084 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)a



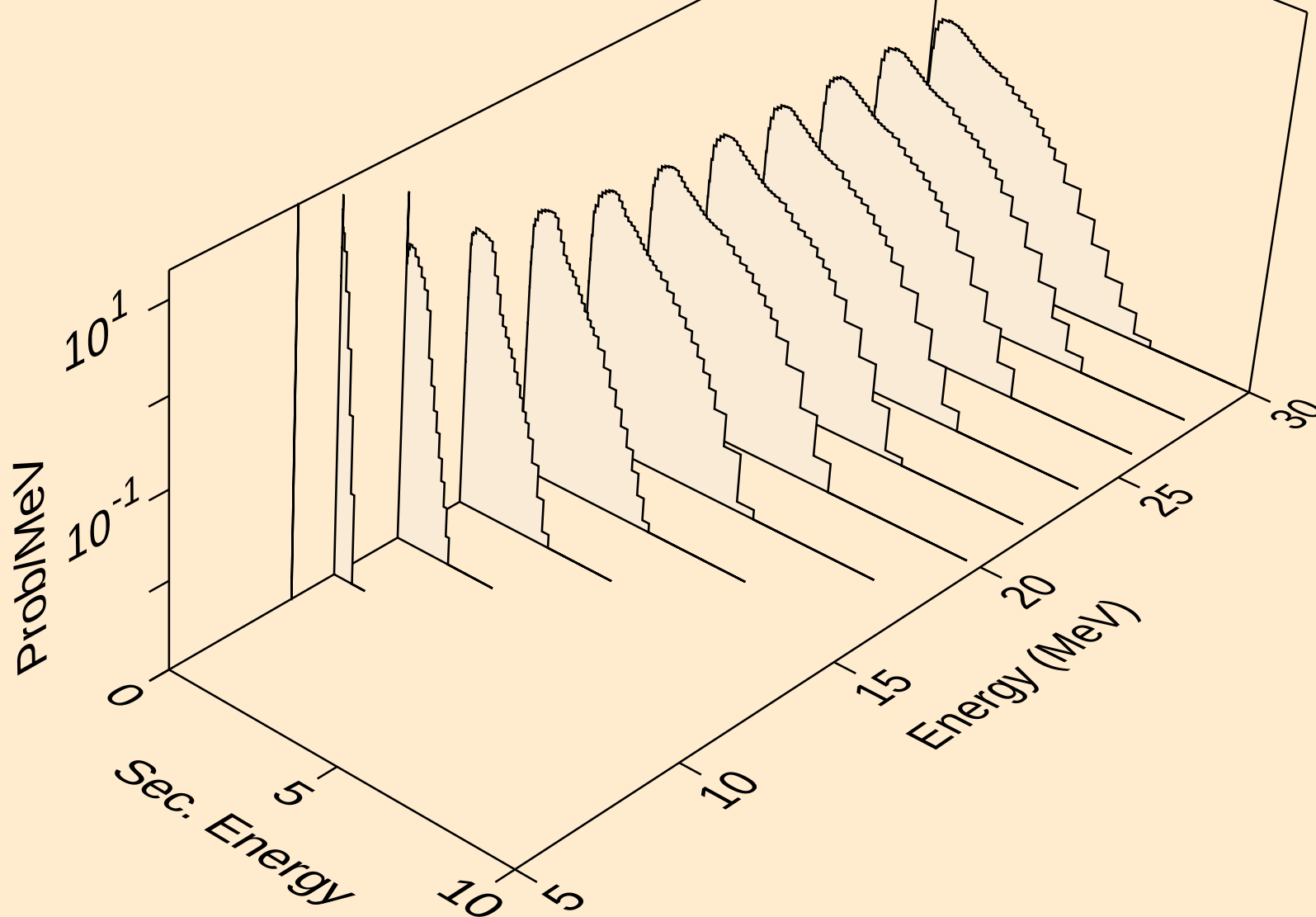
AS084 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,2n)a



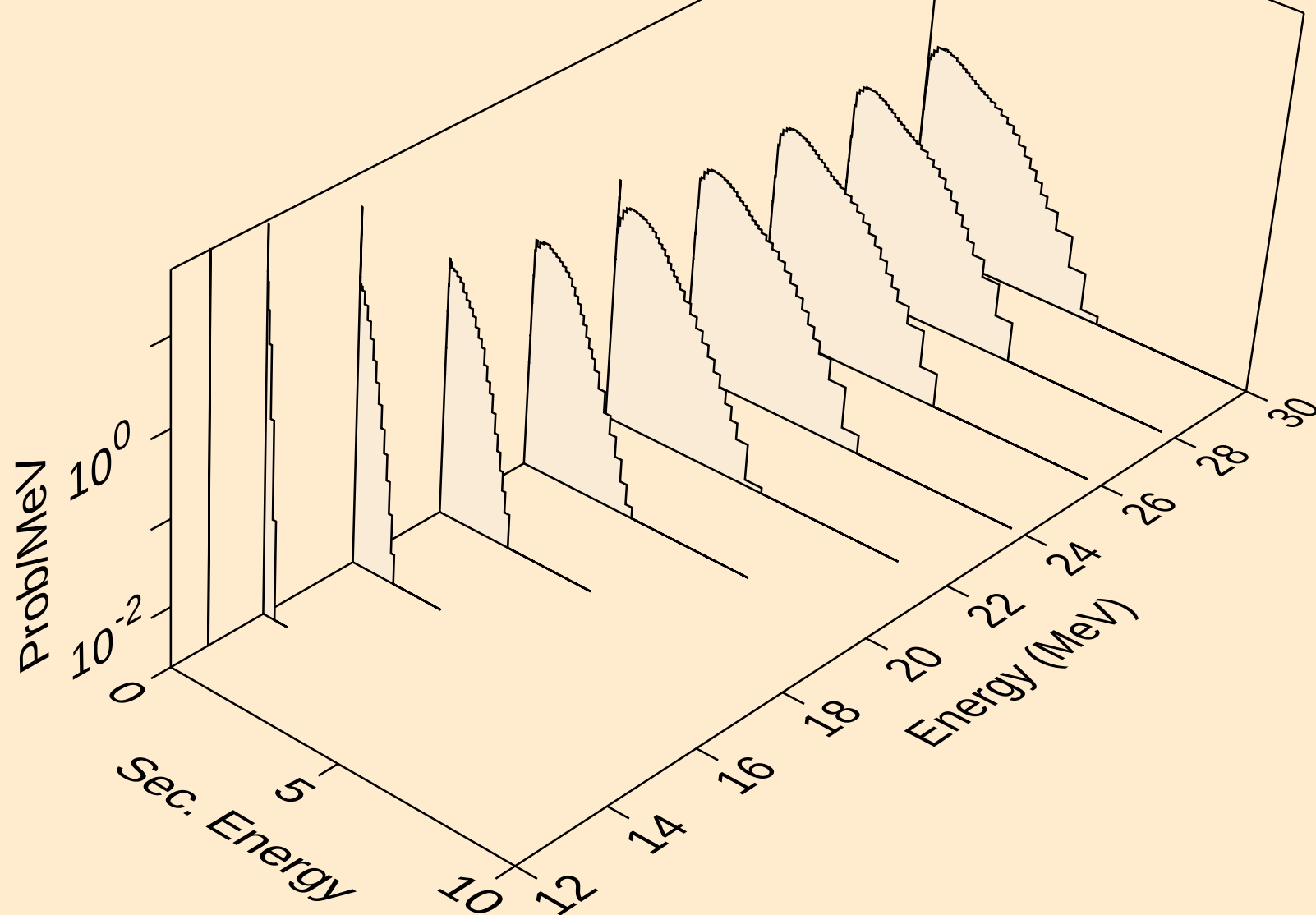
AS084 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,3n)a



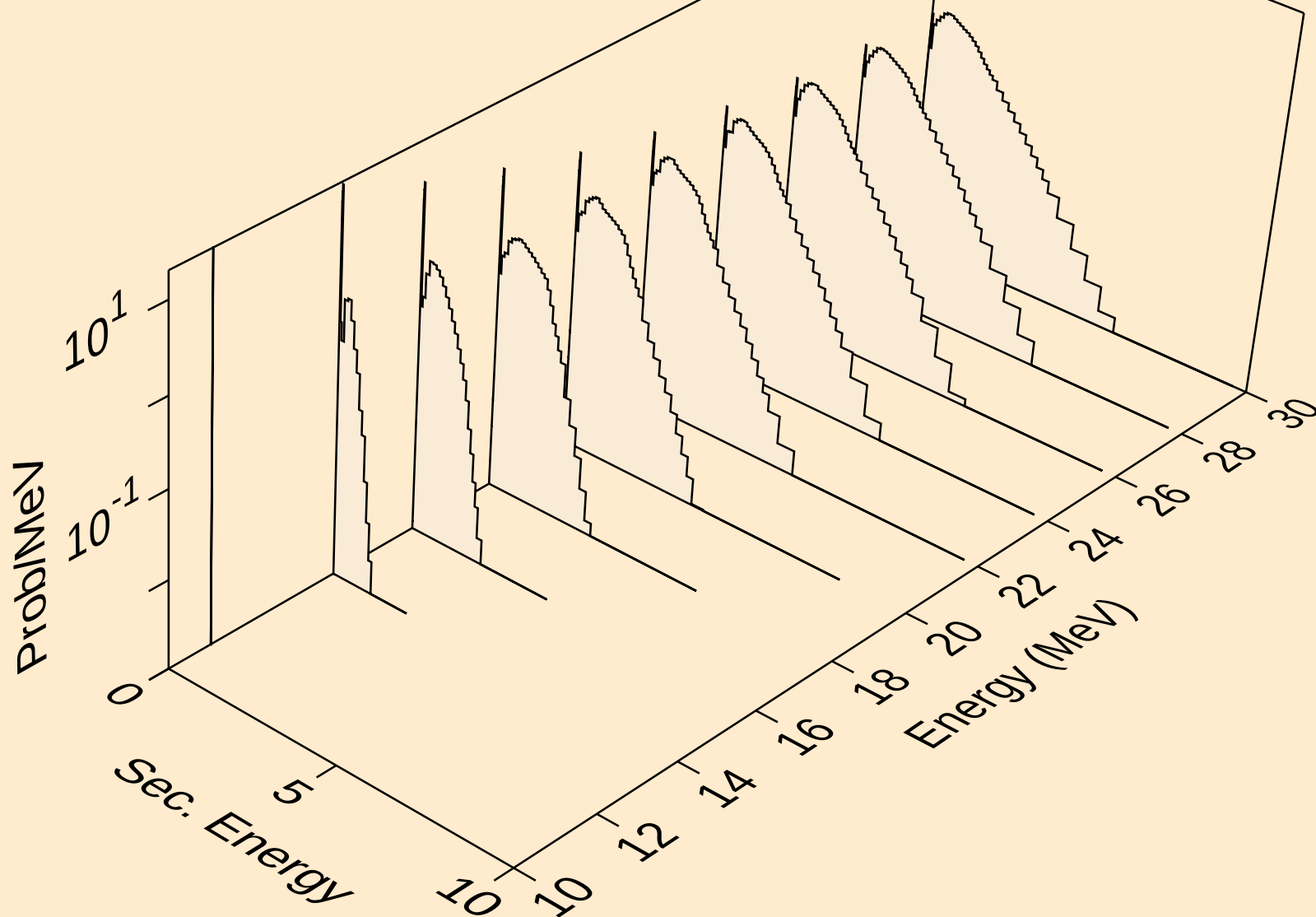
AS084 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)p



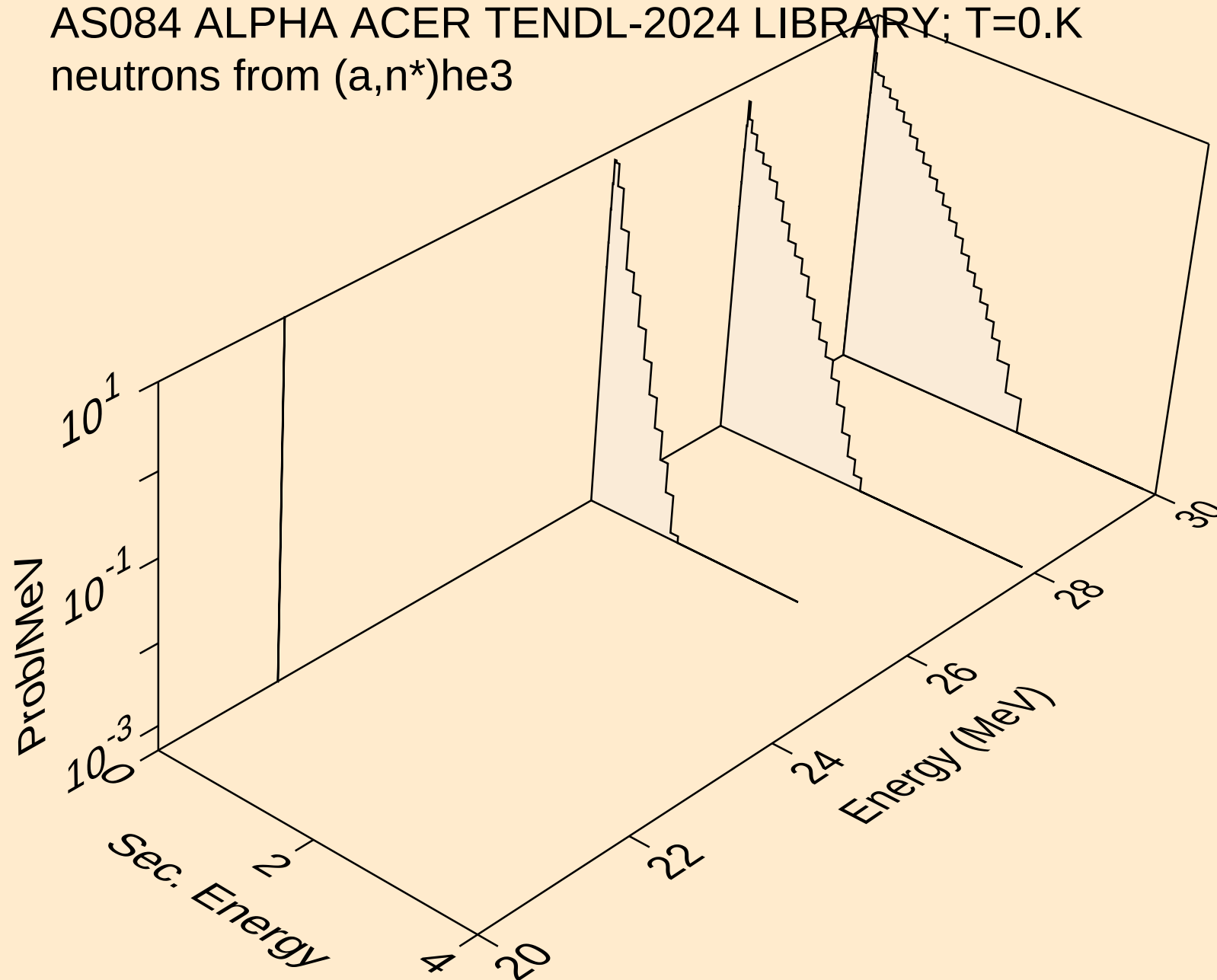
AS084 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)d



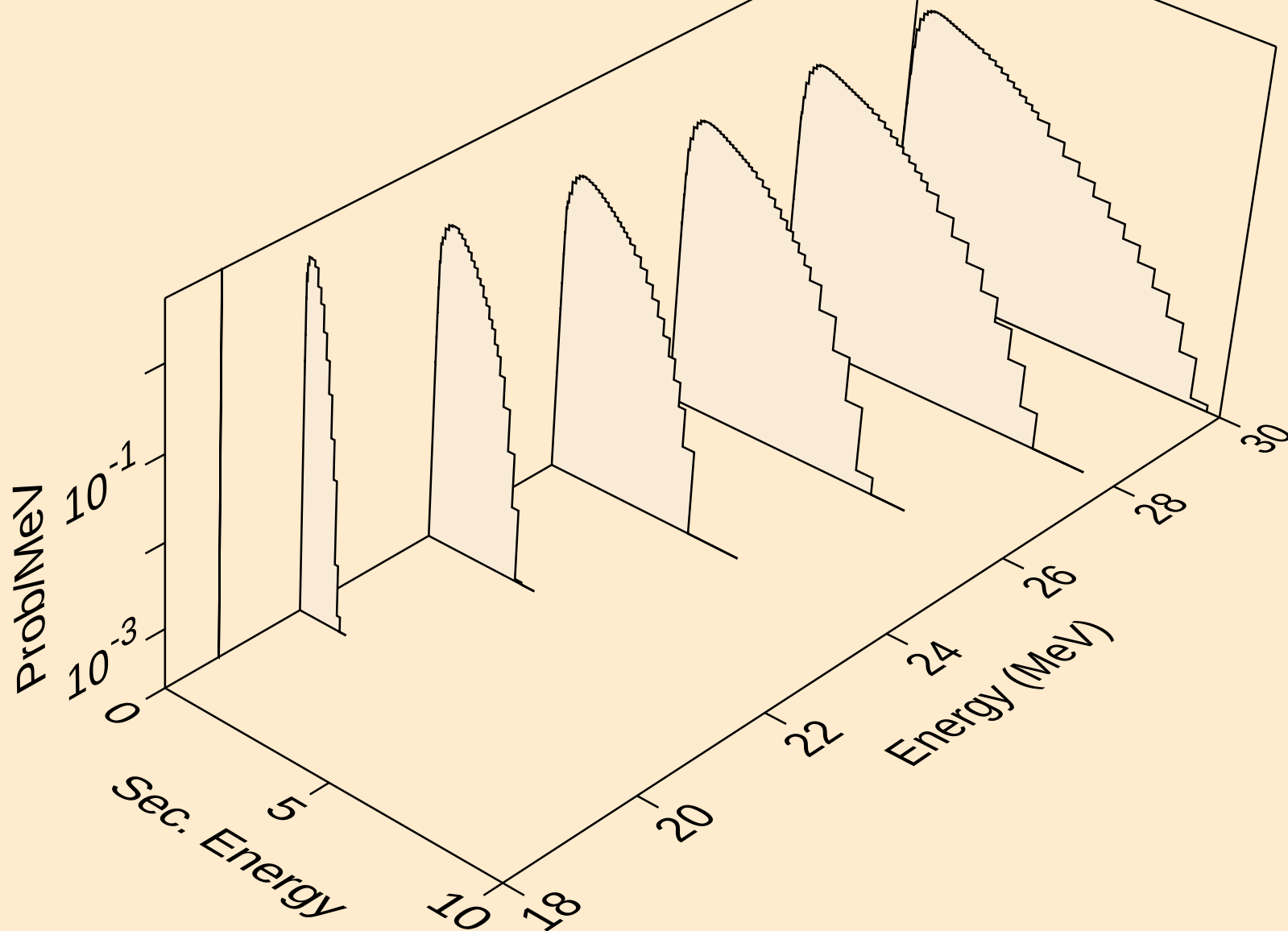
AS084 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)t



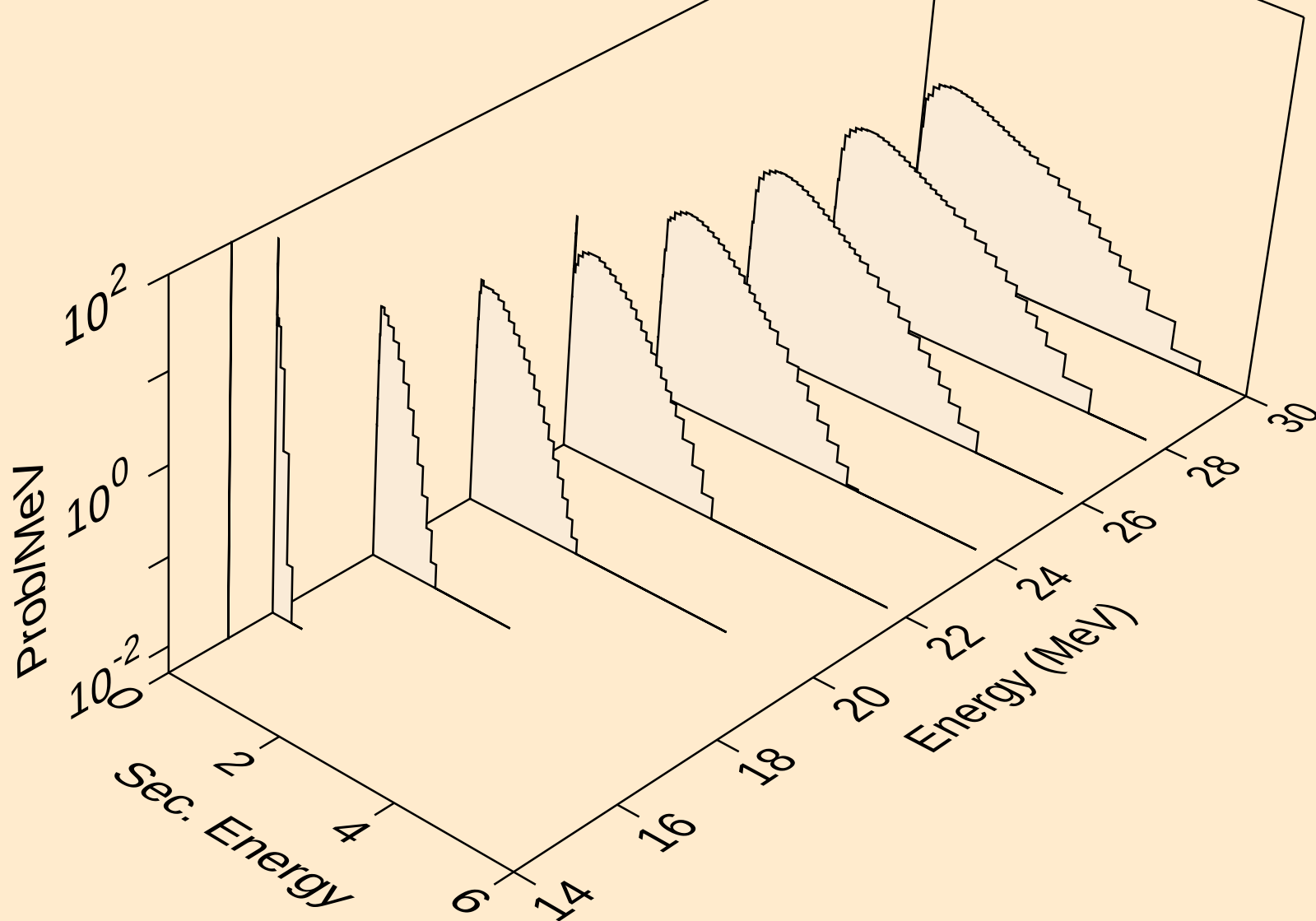
AS084 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)he3



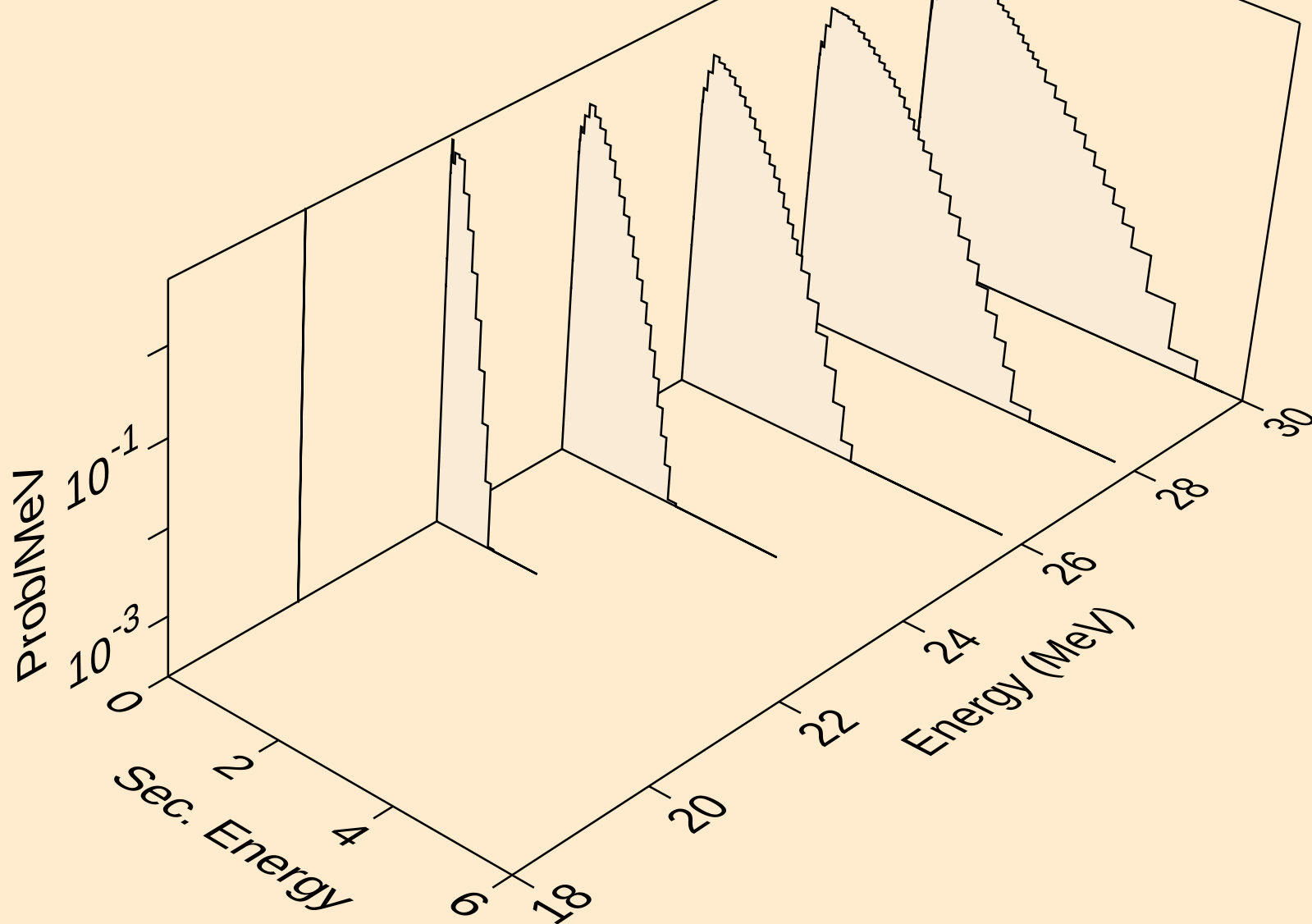
AS084 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,4n)



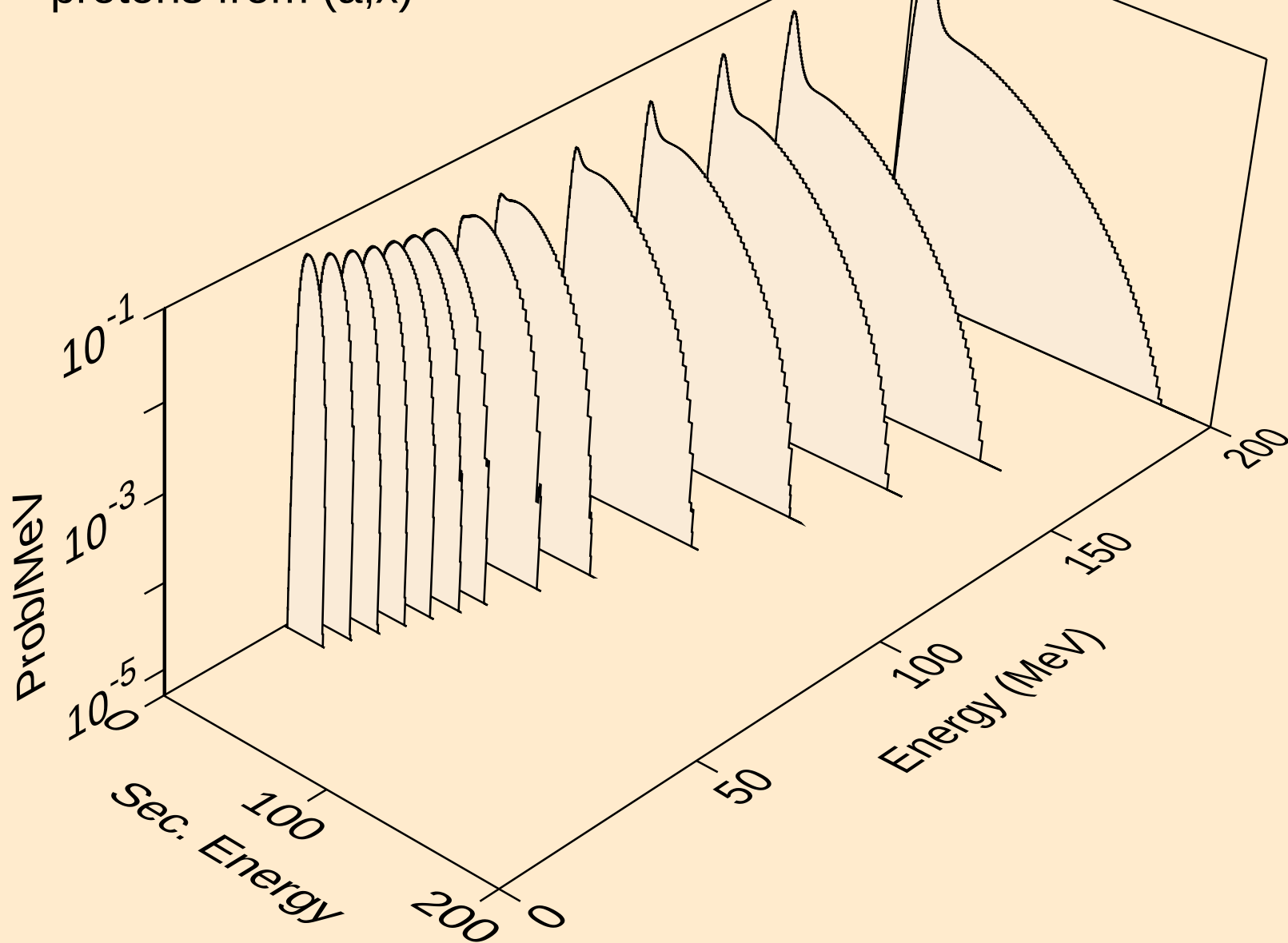
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neutrons from (a,2np)



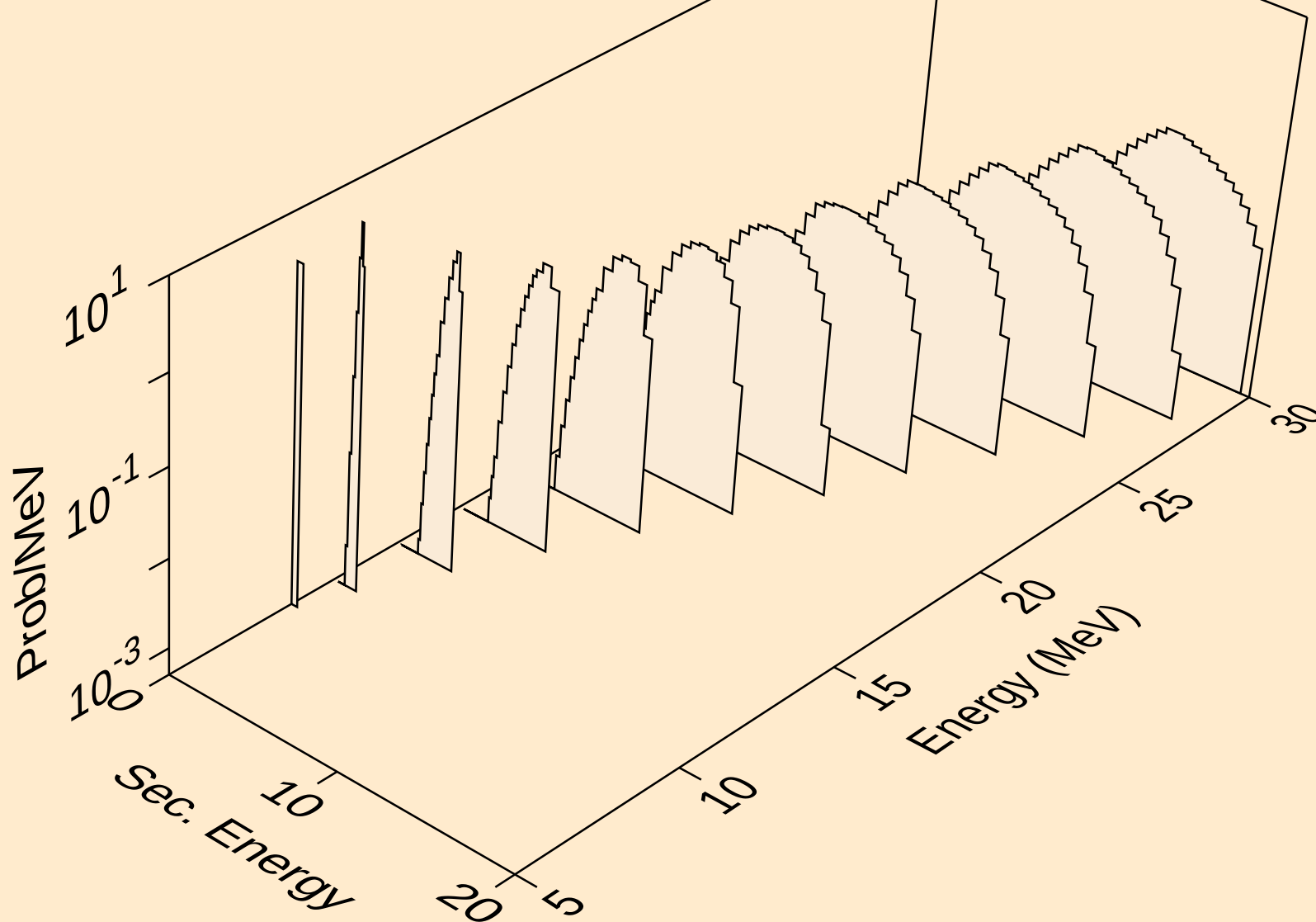
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neutrons from (a,3np)



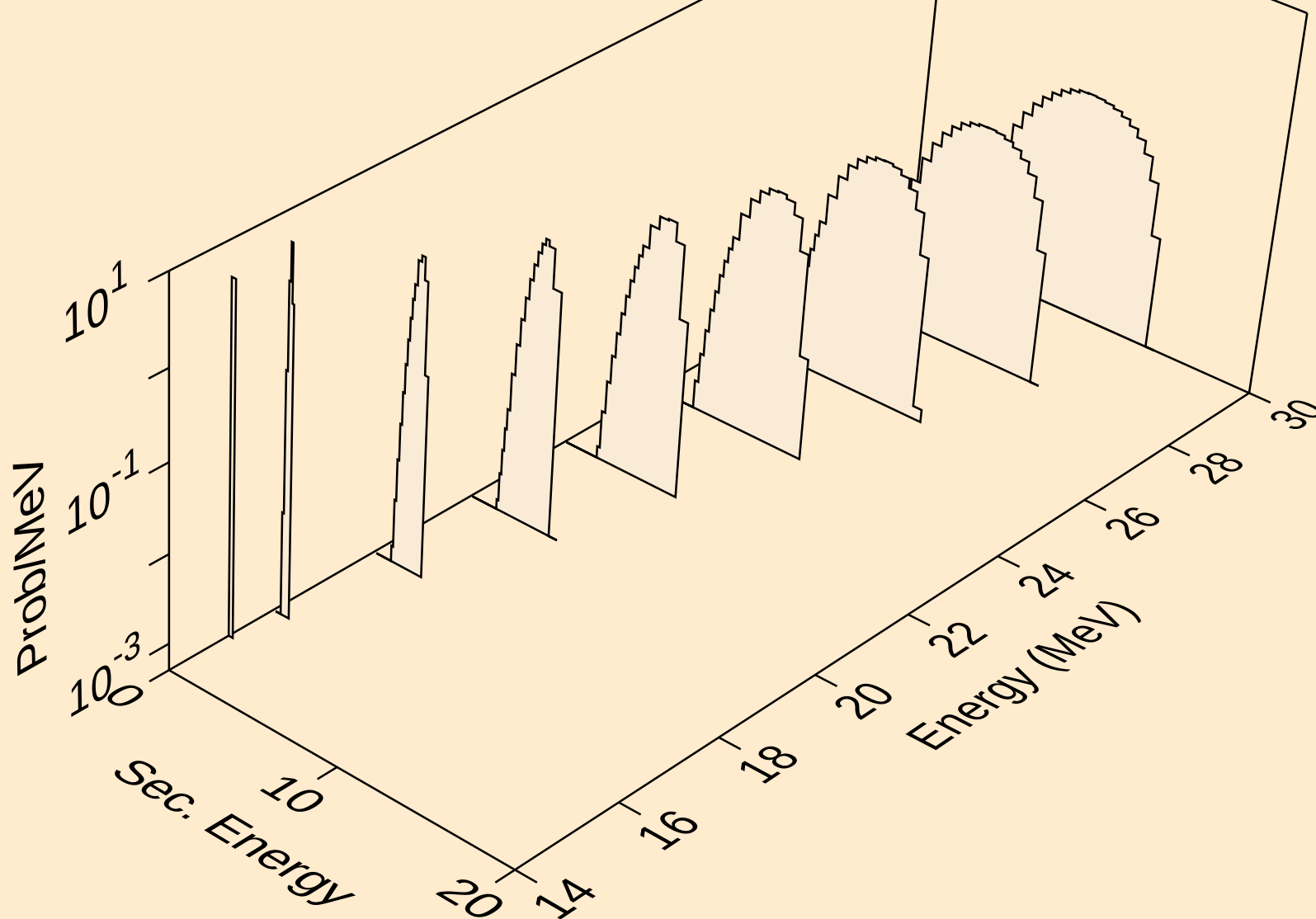
AS084 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,x)



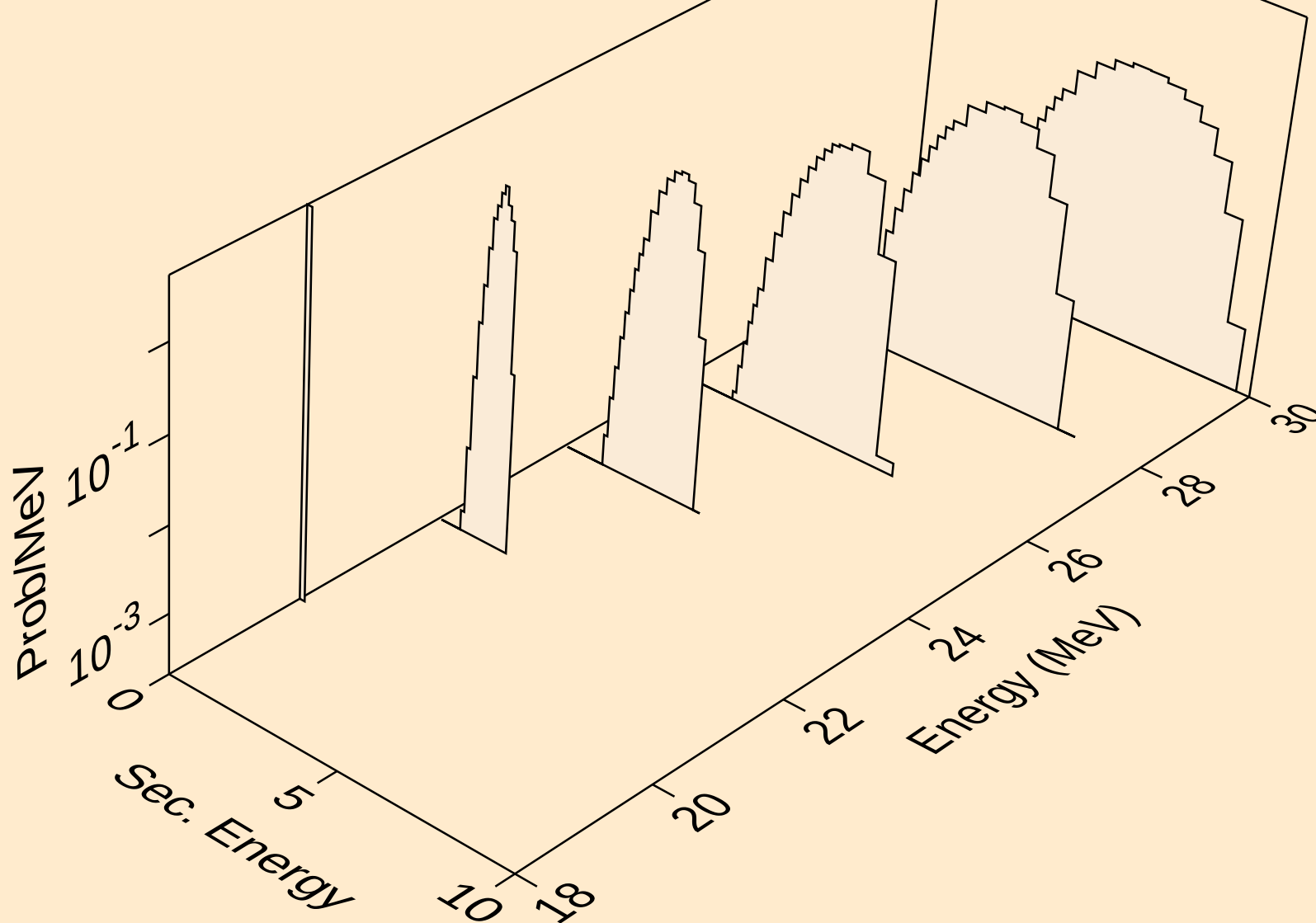
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protons from (a,n\*)p



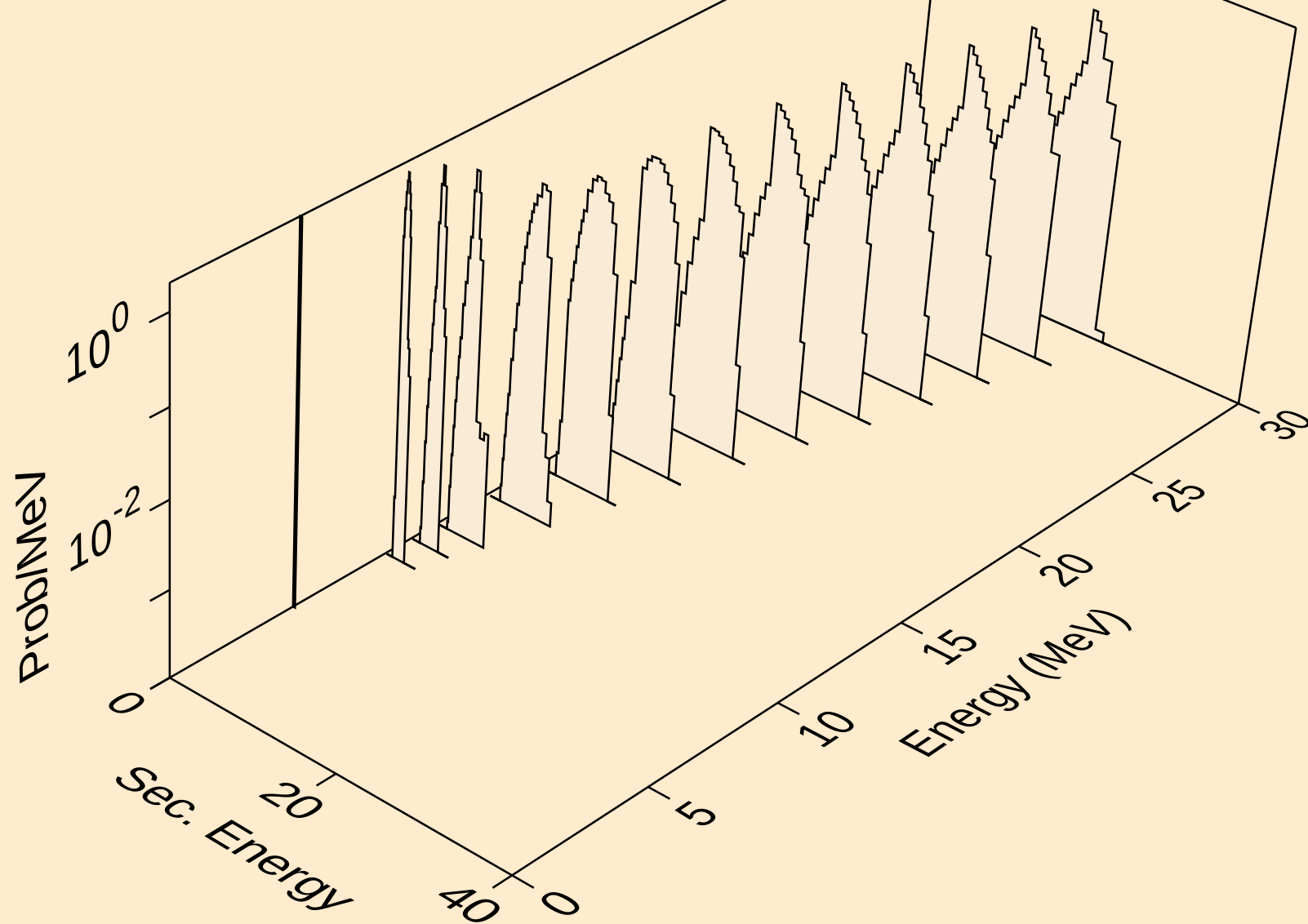
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protons from (a,2np)



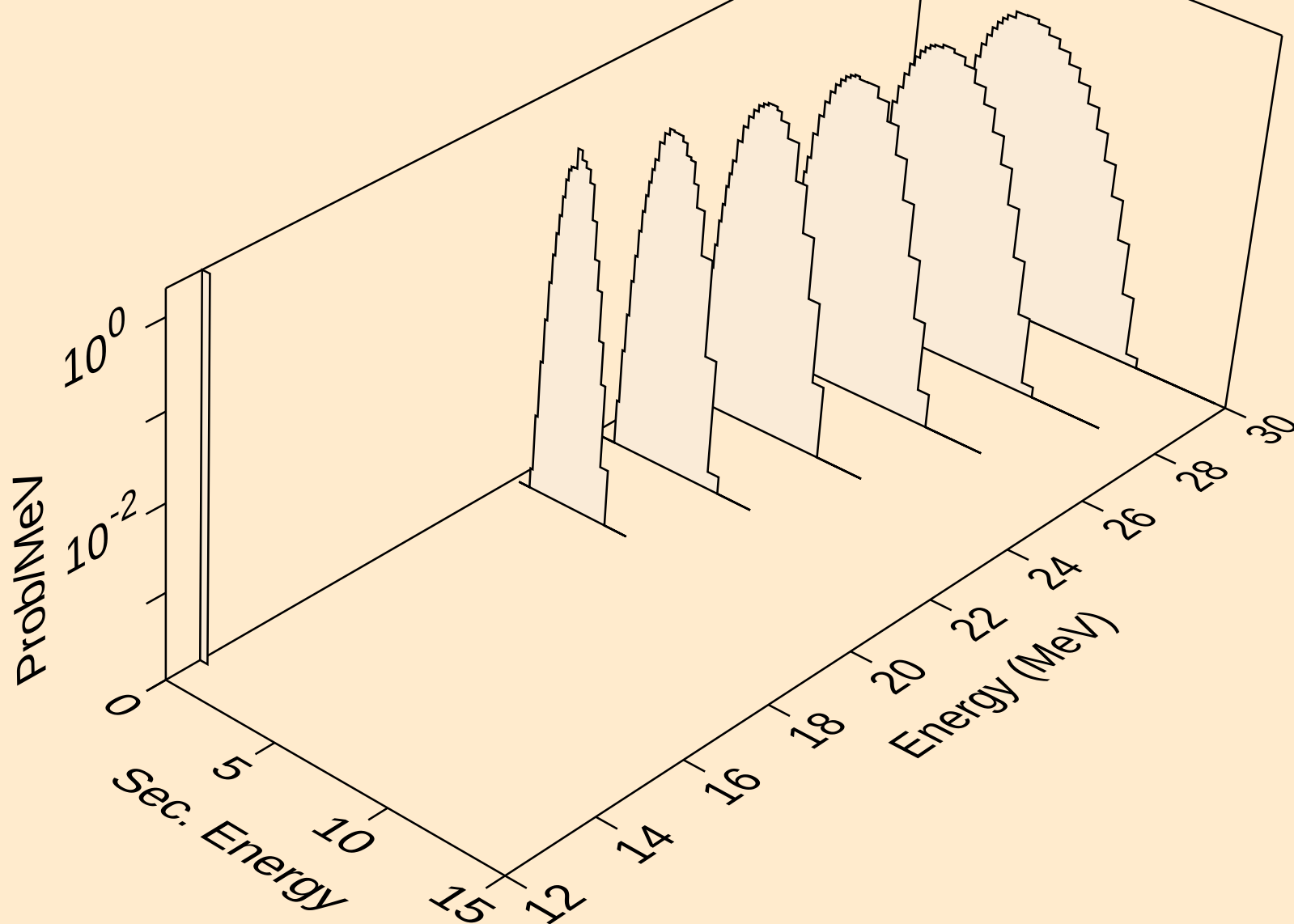
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protons from (a,3np)



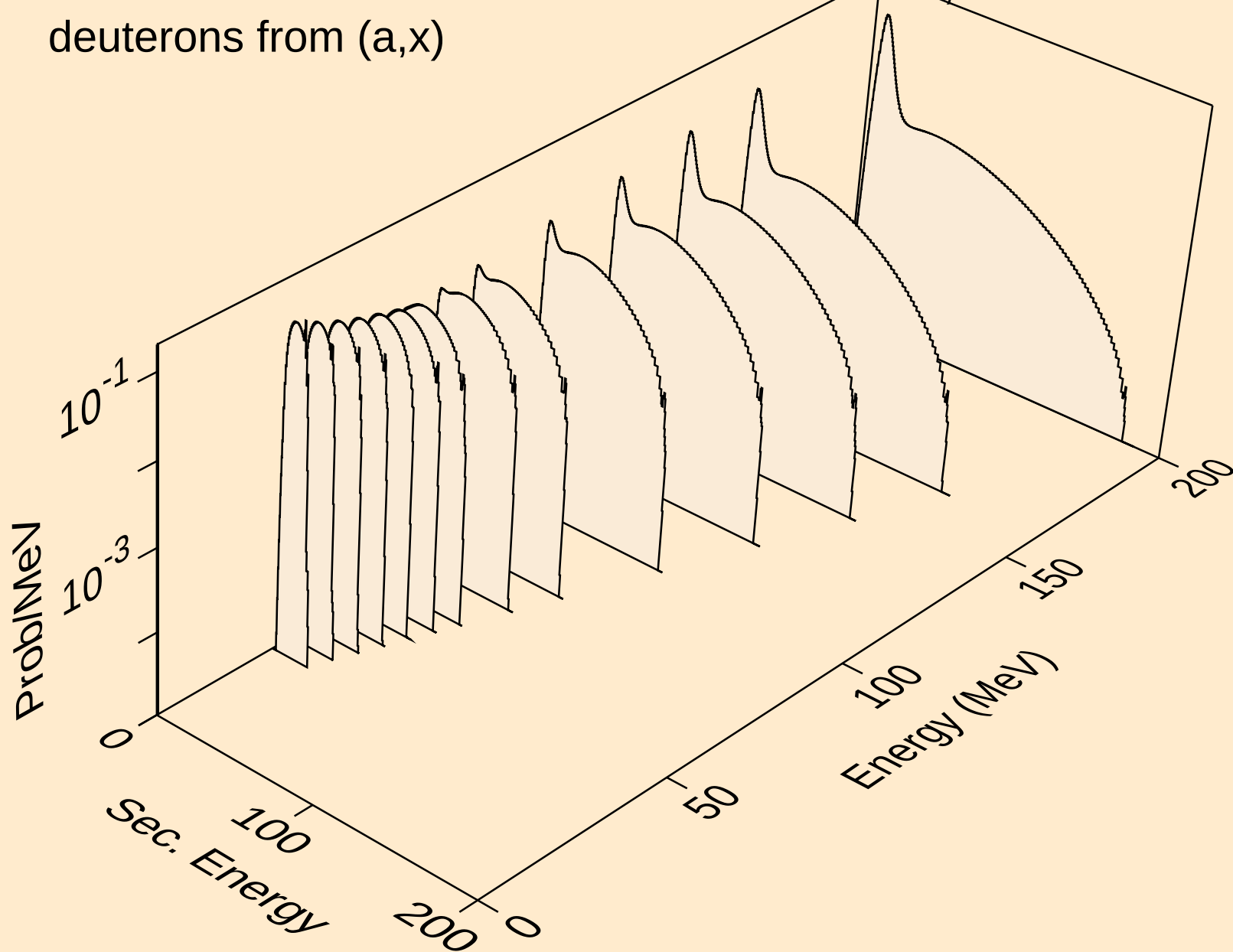
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protons from (a,p)



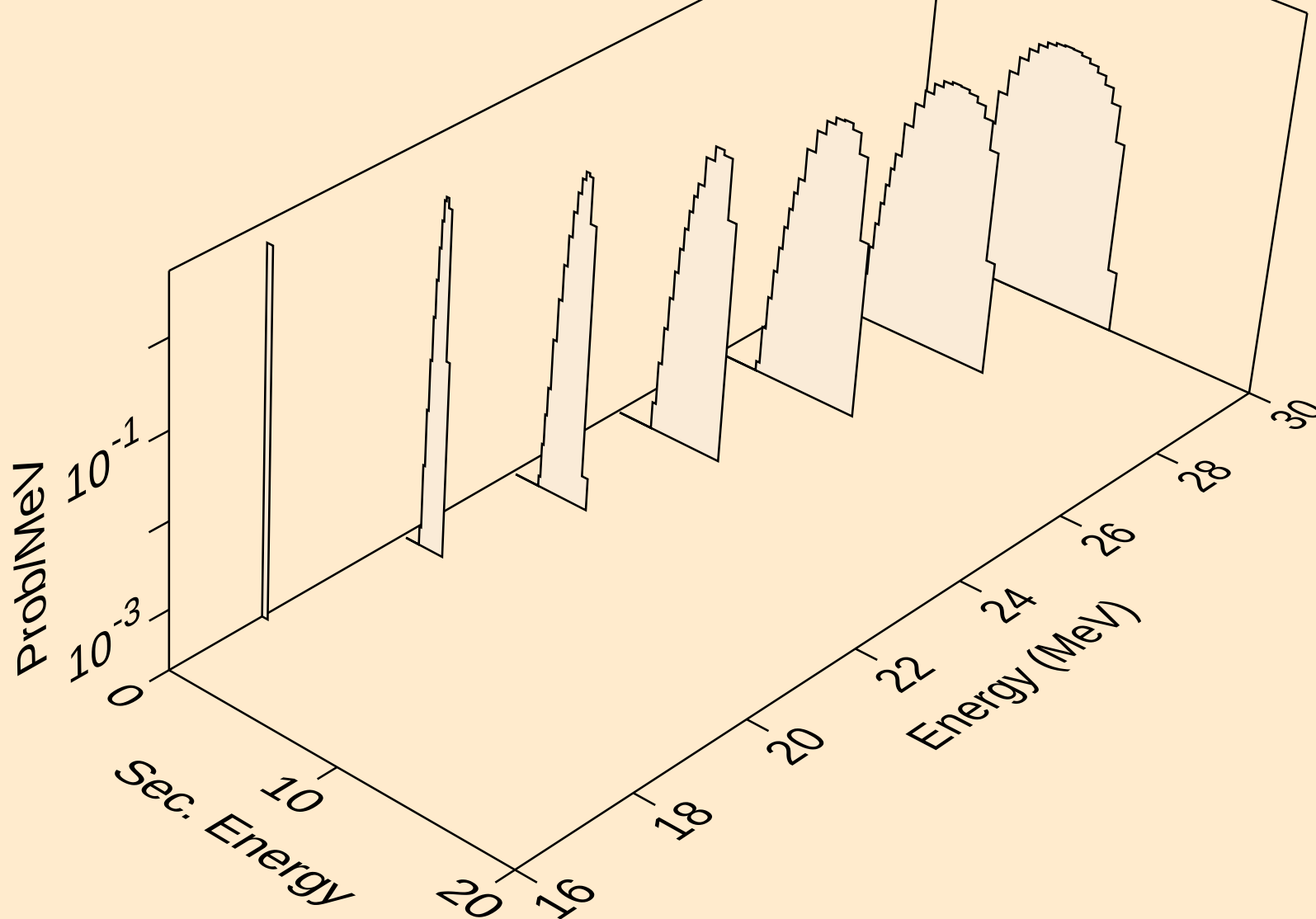
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protons from (a,pa)



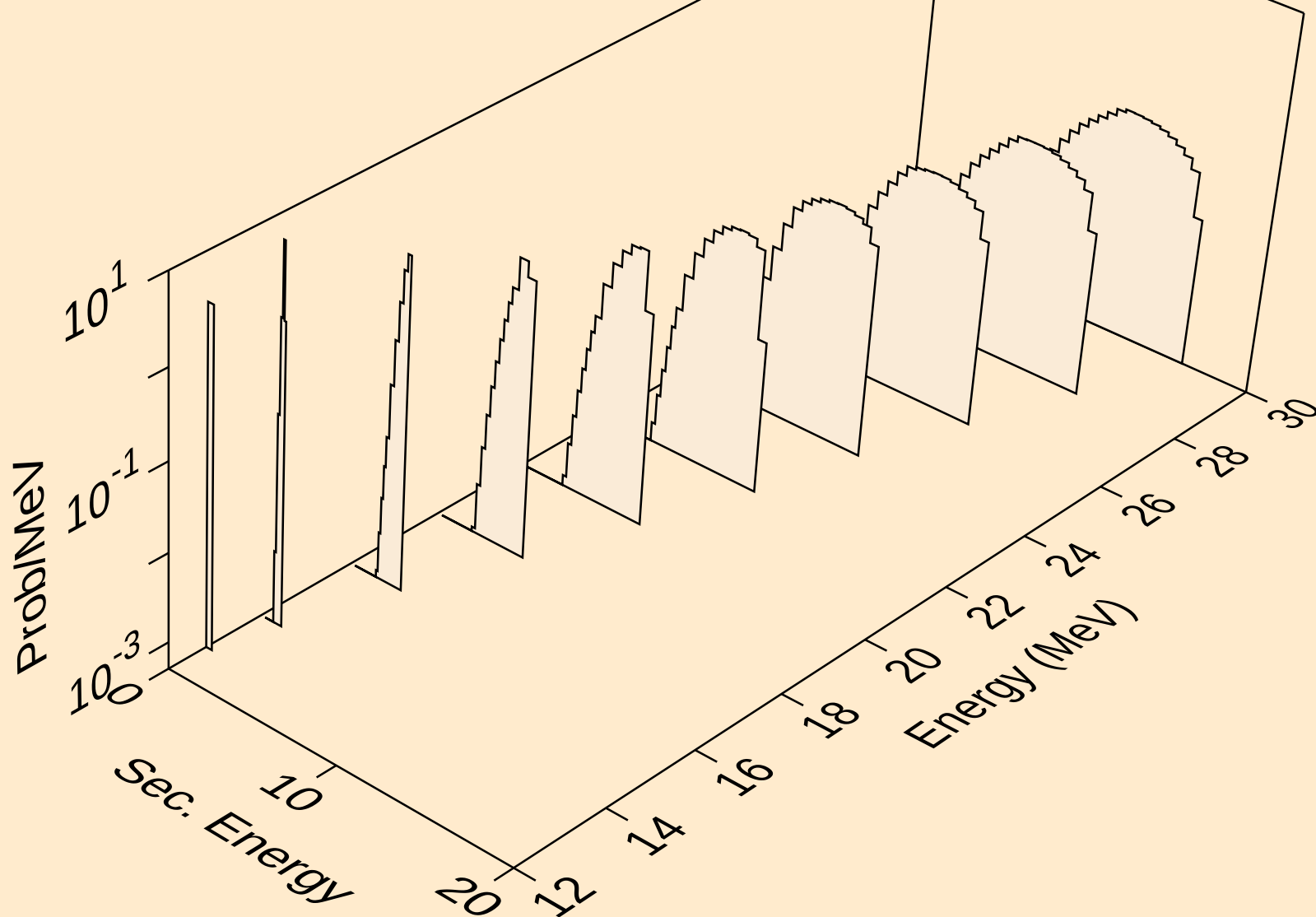
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deuterons from (a,x)



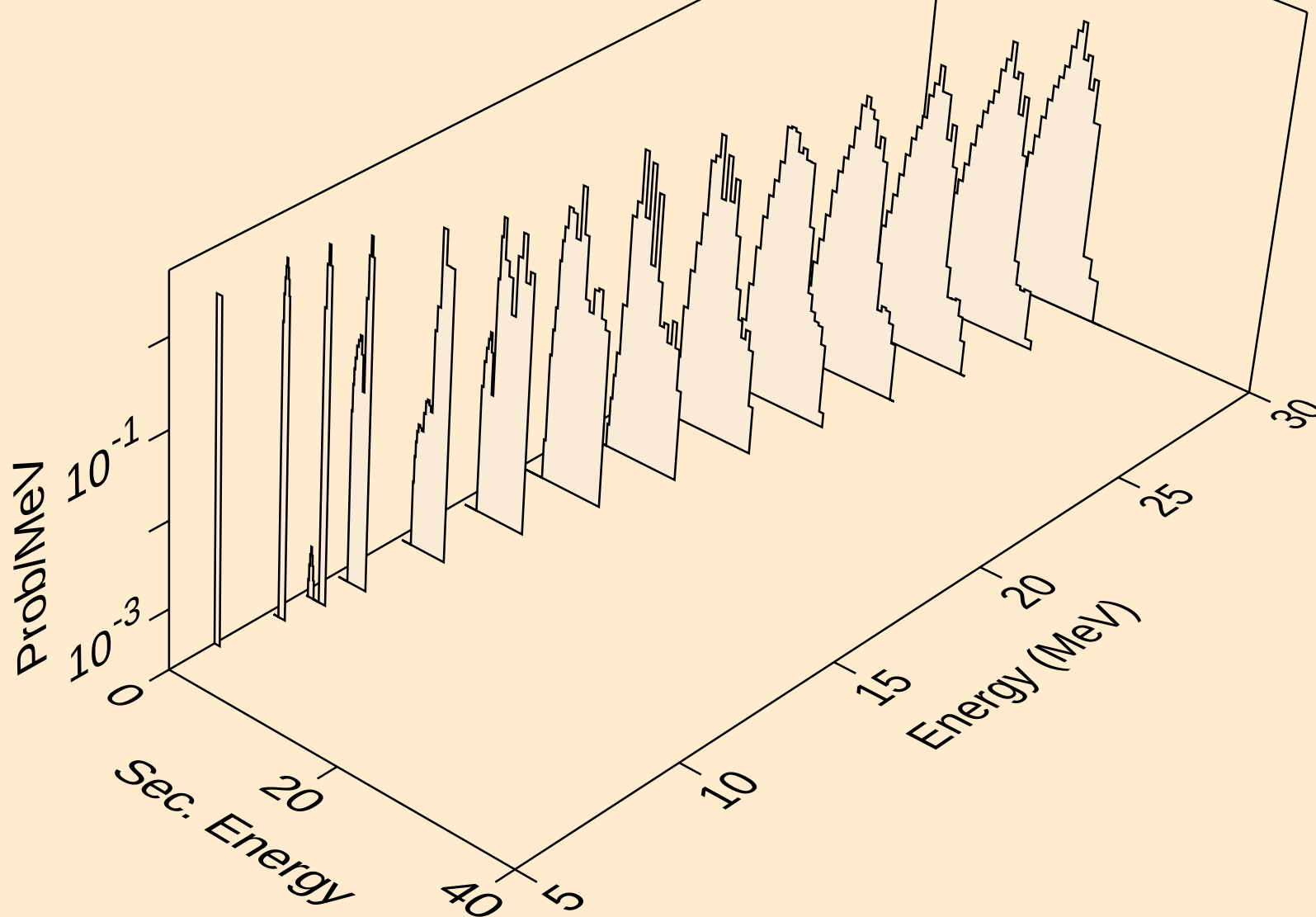
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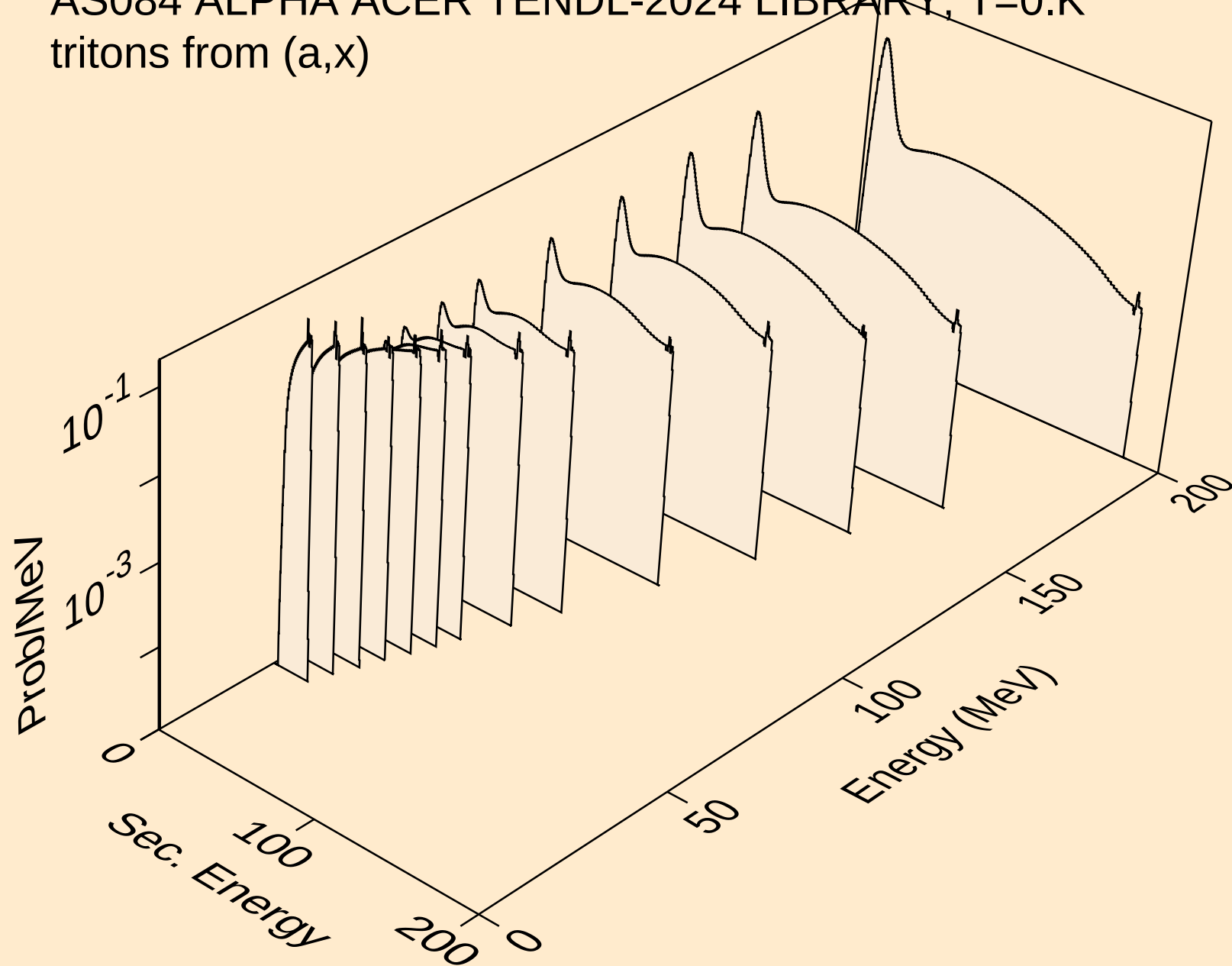
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deuterons from (a,n\*)d



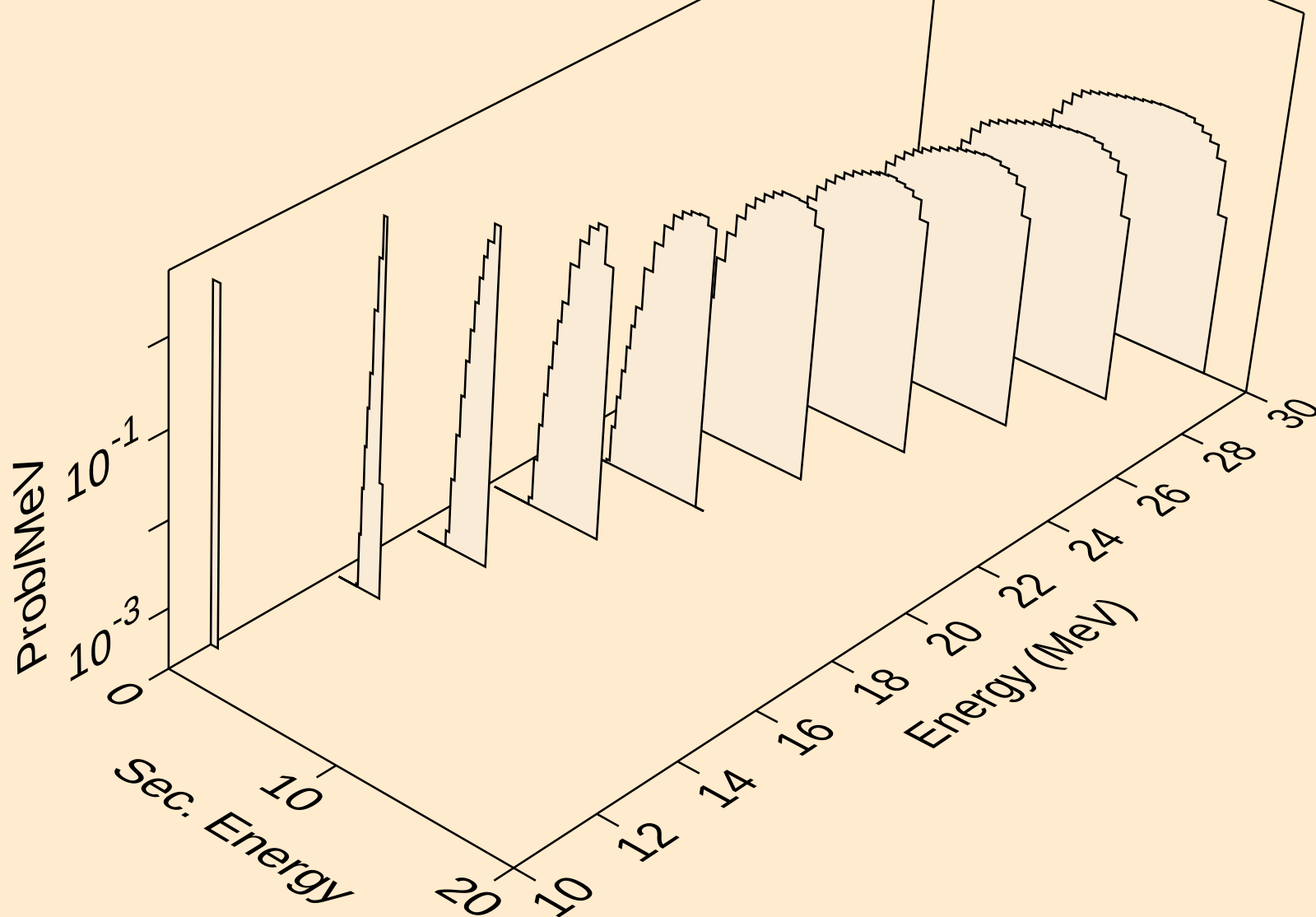
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deuterons from (a,d)



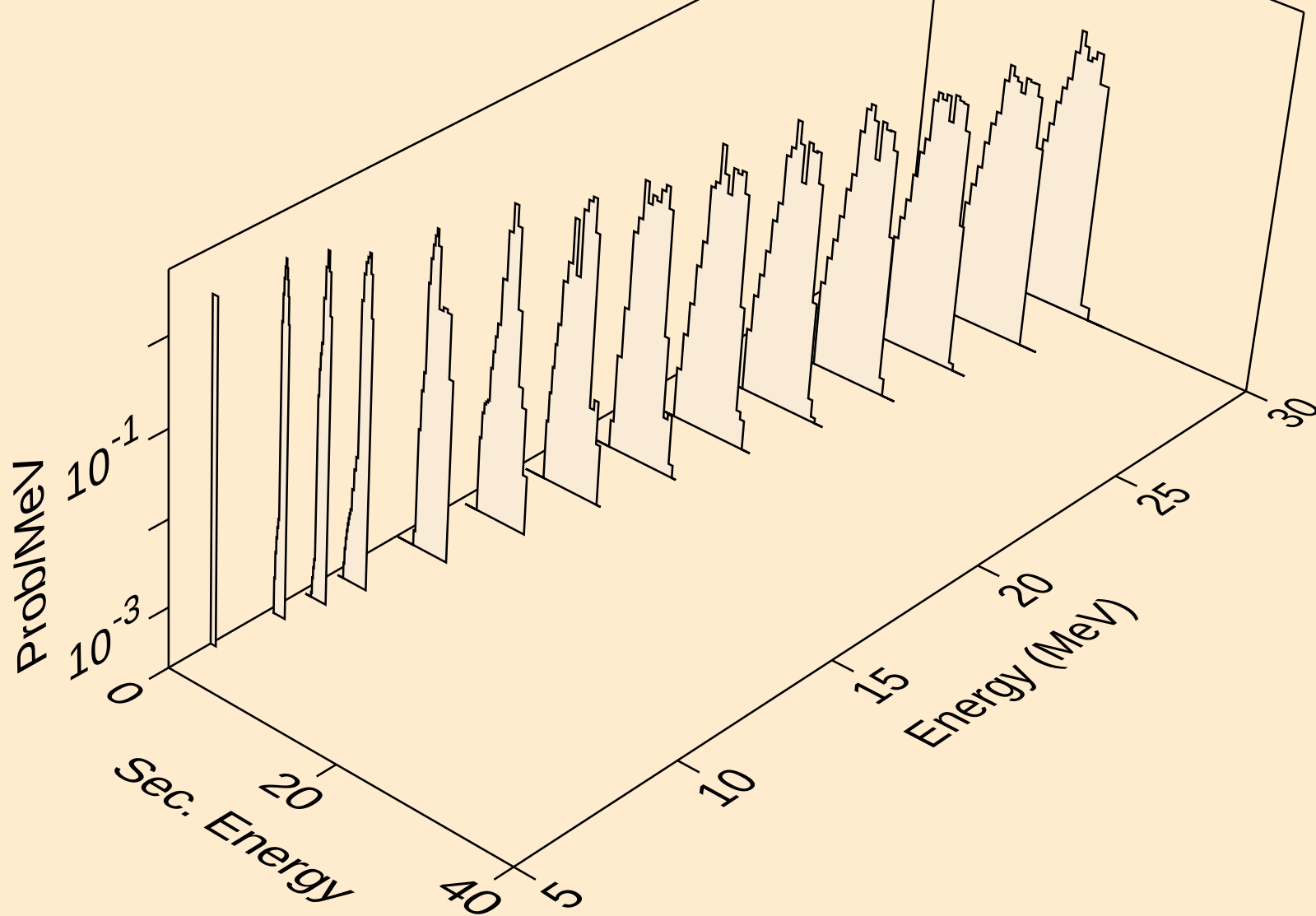
AS084 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,x)



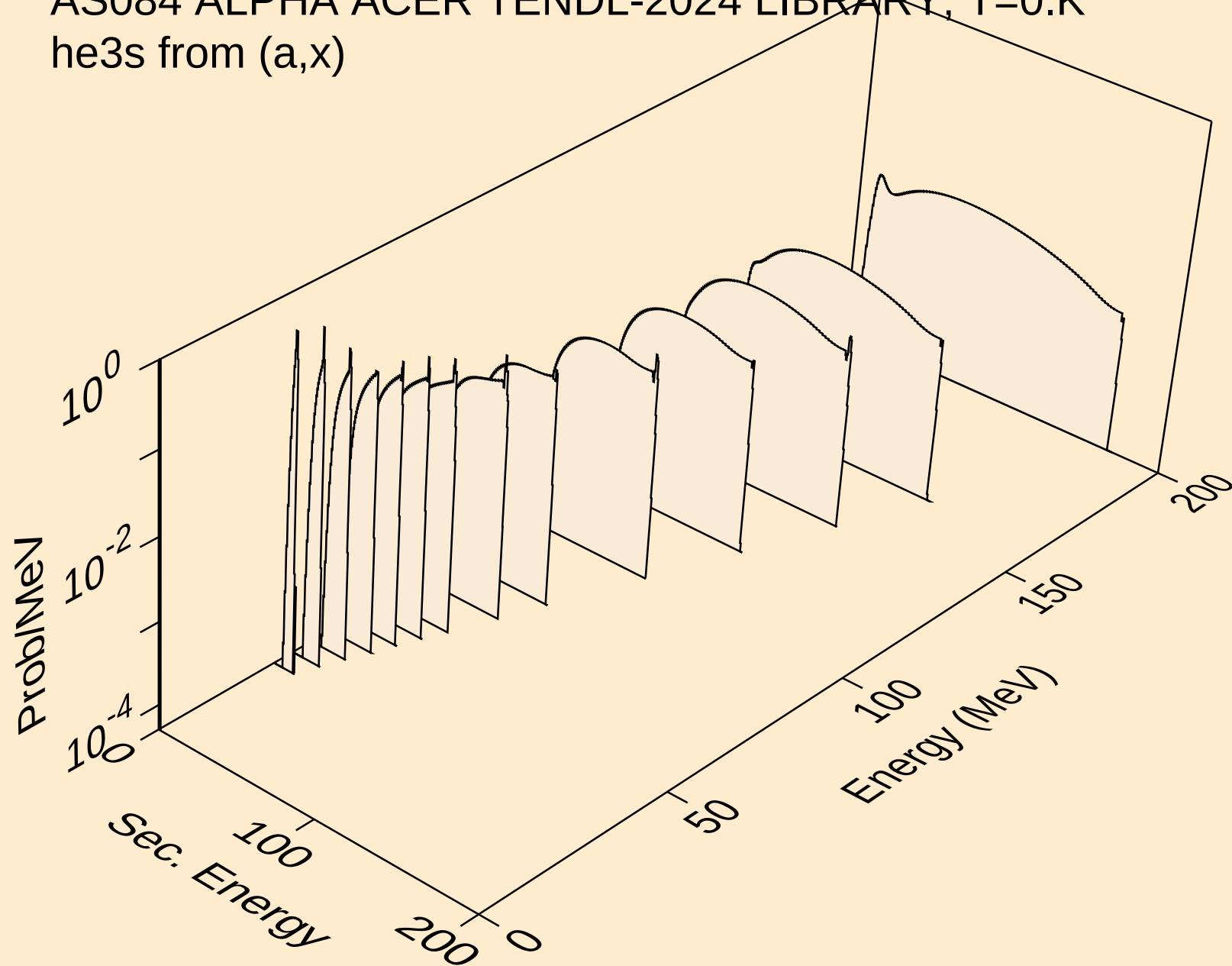
AS084 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,n\*)t



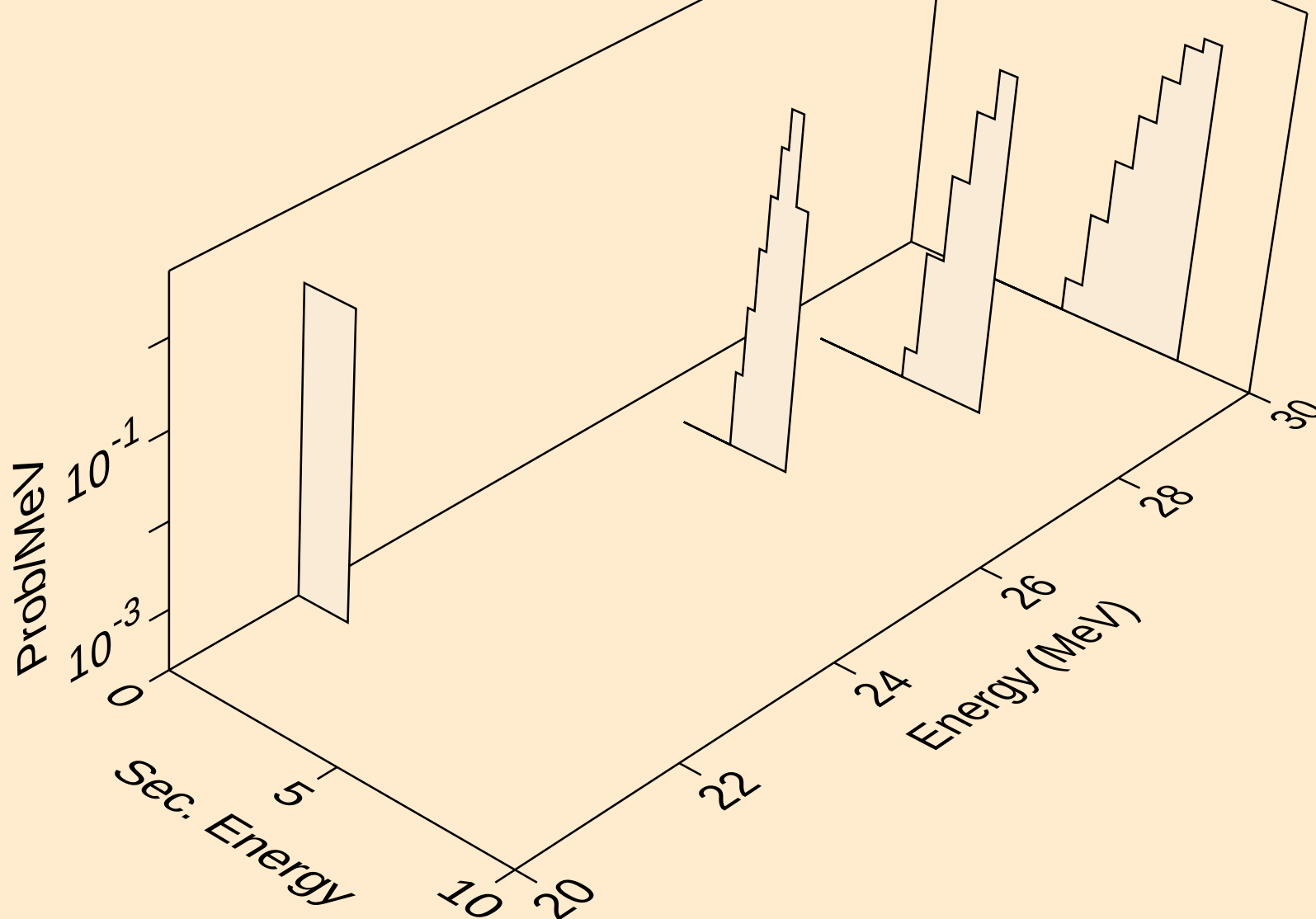
AS084 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,t)



AS084 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (a,x)



AS084 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (a,n\*)he3



AS084 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (a,he3)

