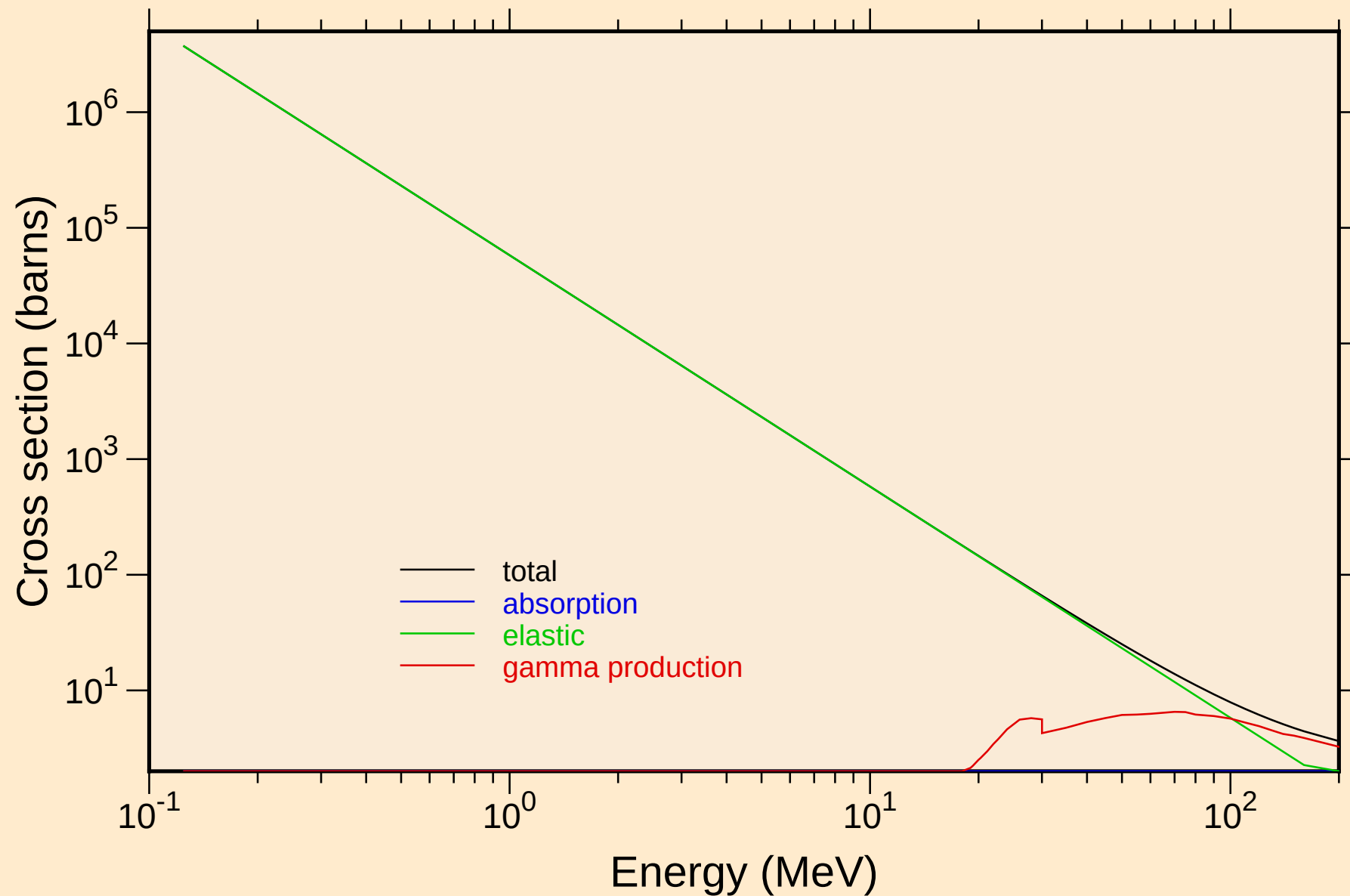


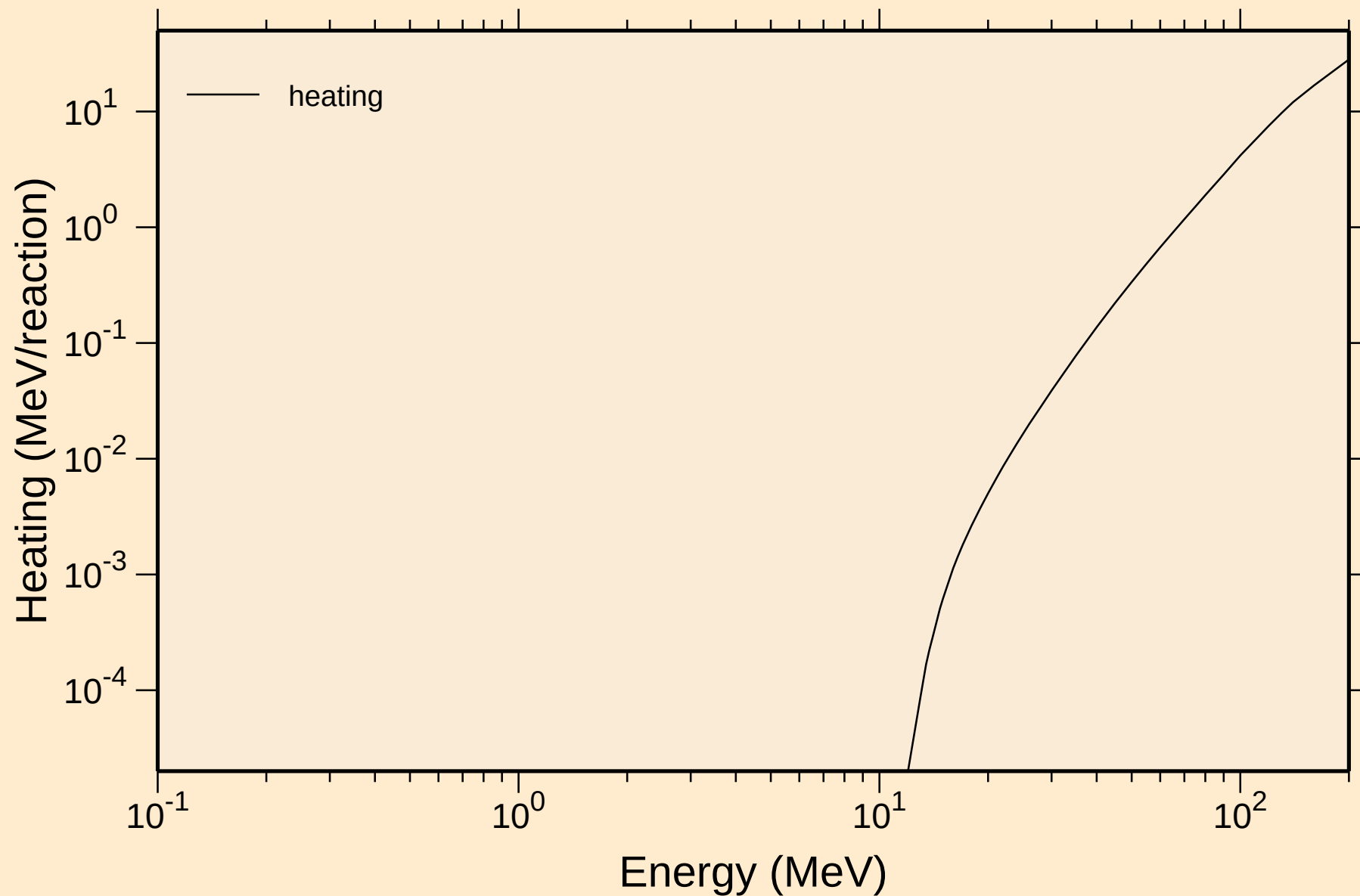
# AG118M ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



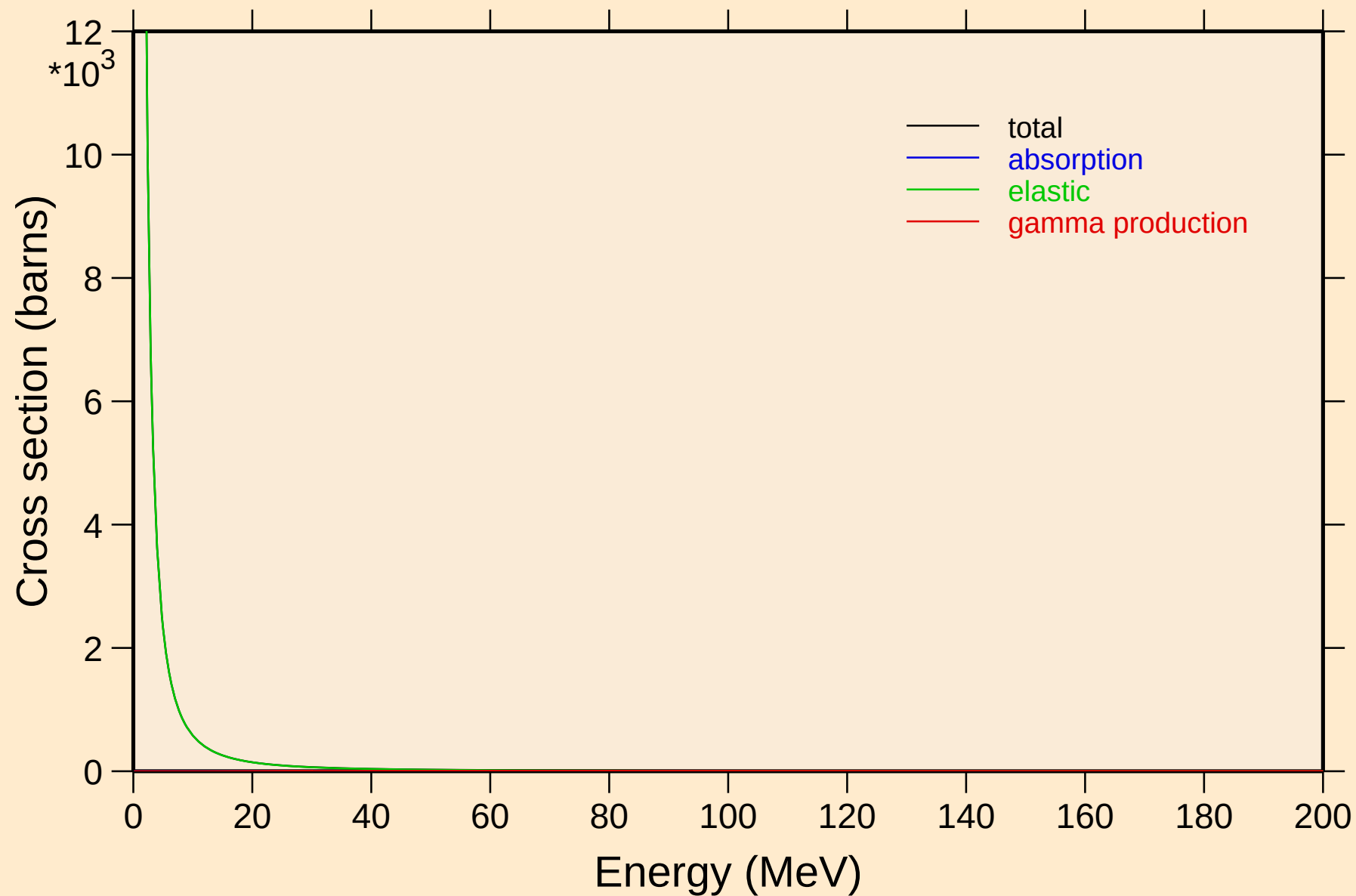
# AG118M ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Heating



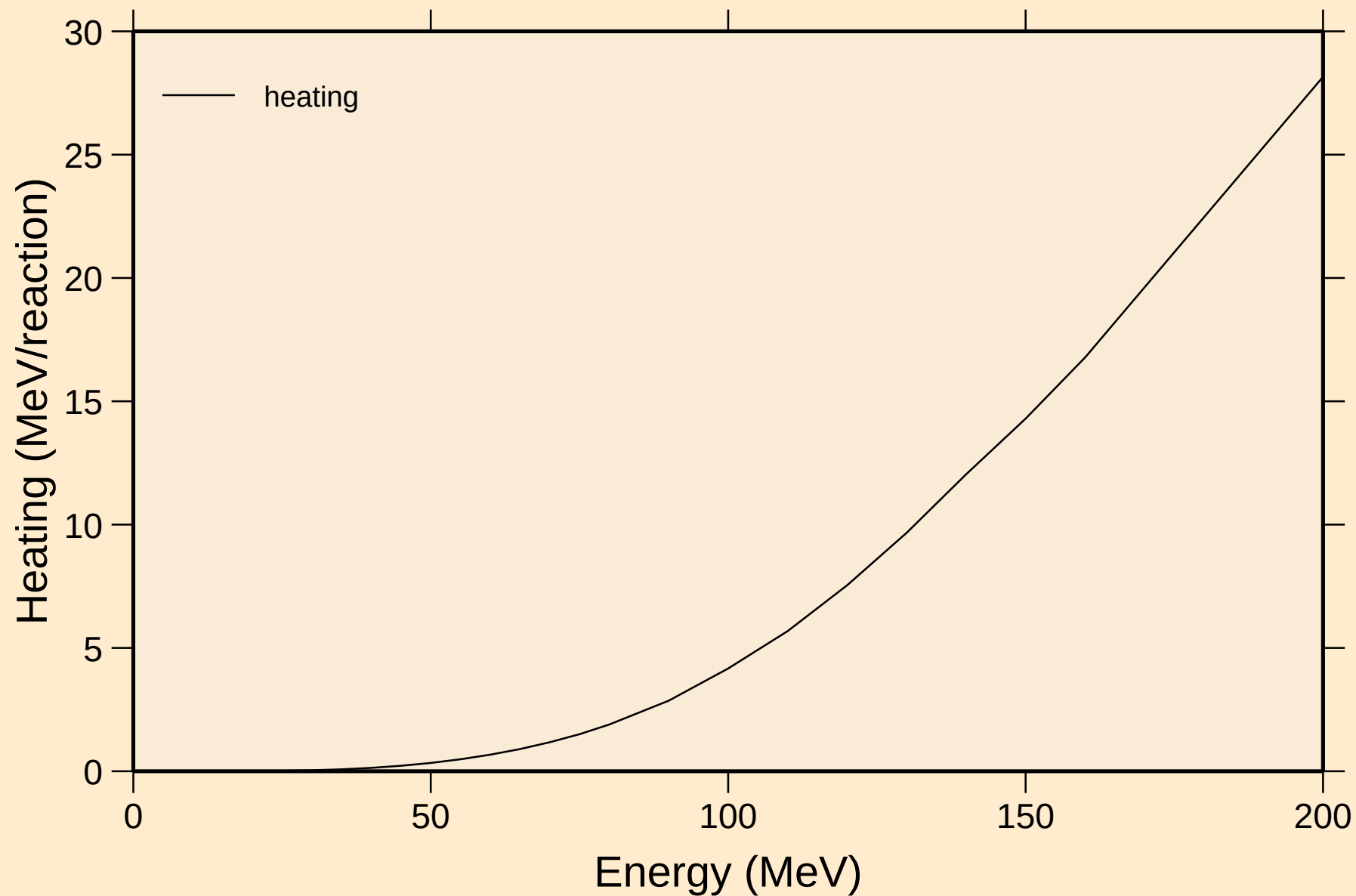
# AG118M ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



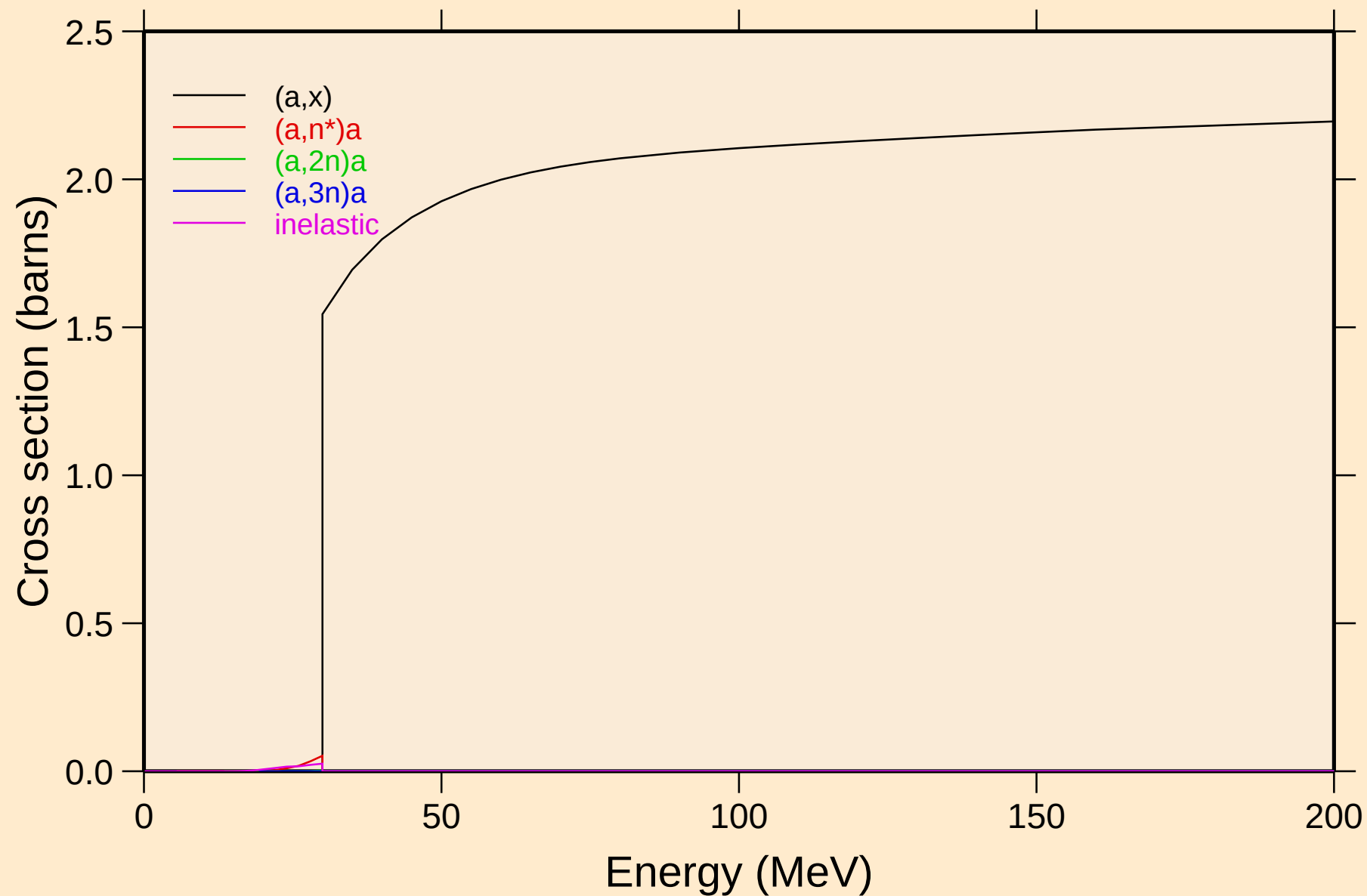
AG118M ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Heating



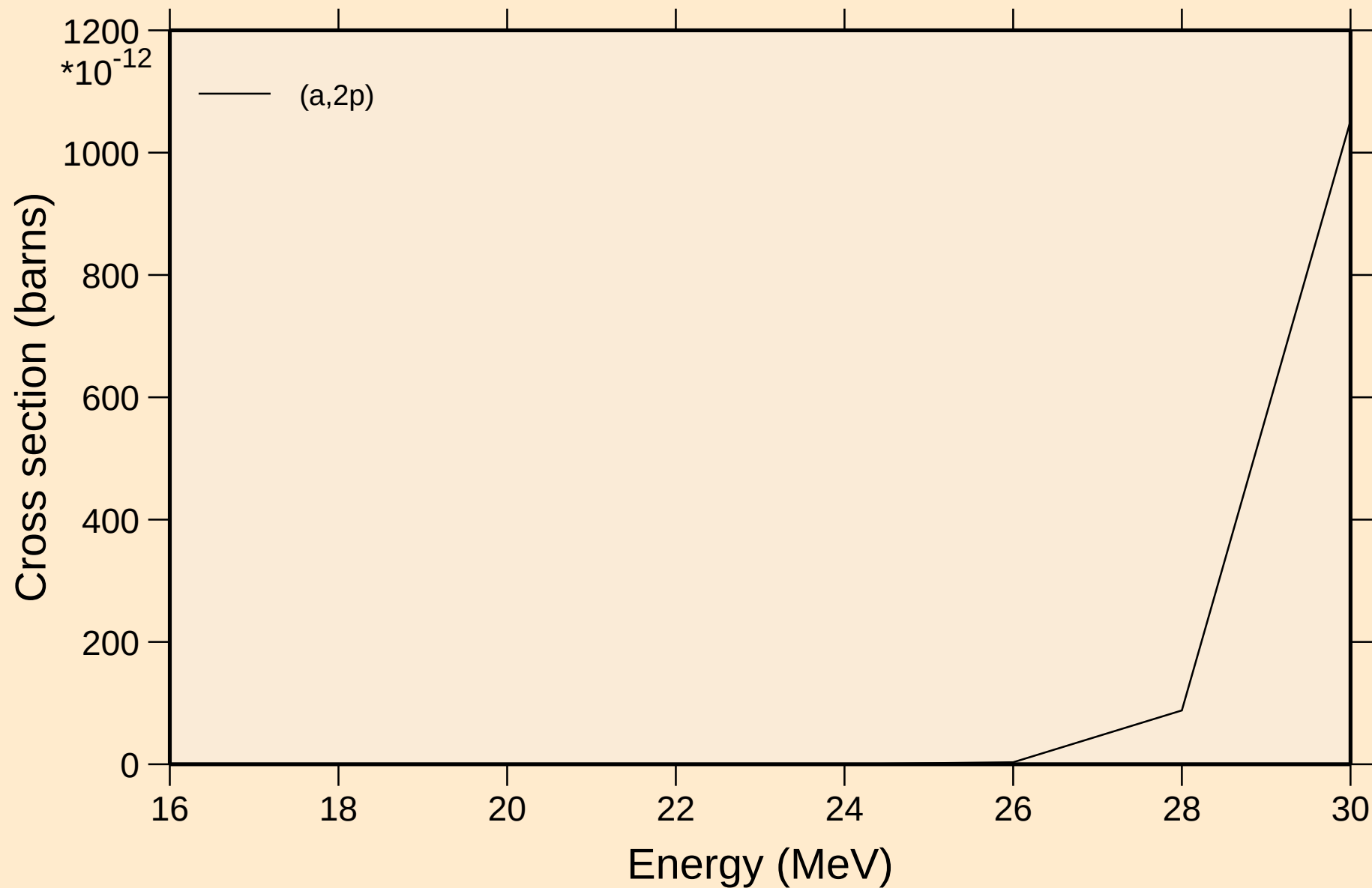
# AG118M ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions

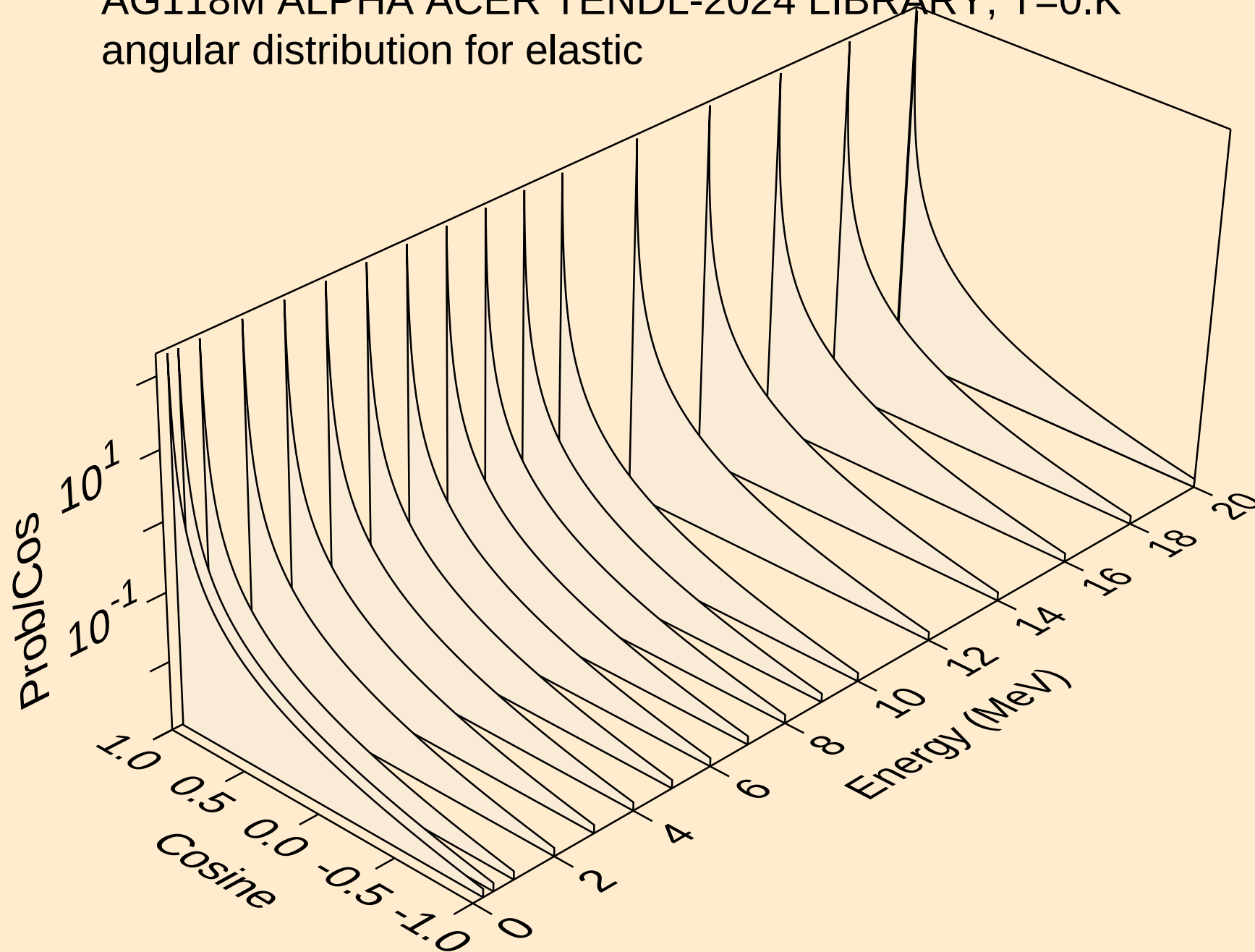


# AG118M ALPHA ACER TENDL-2024 LIBRARY; T=0.K

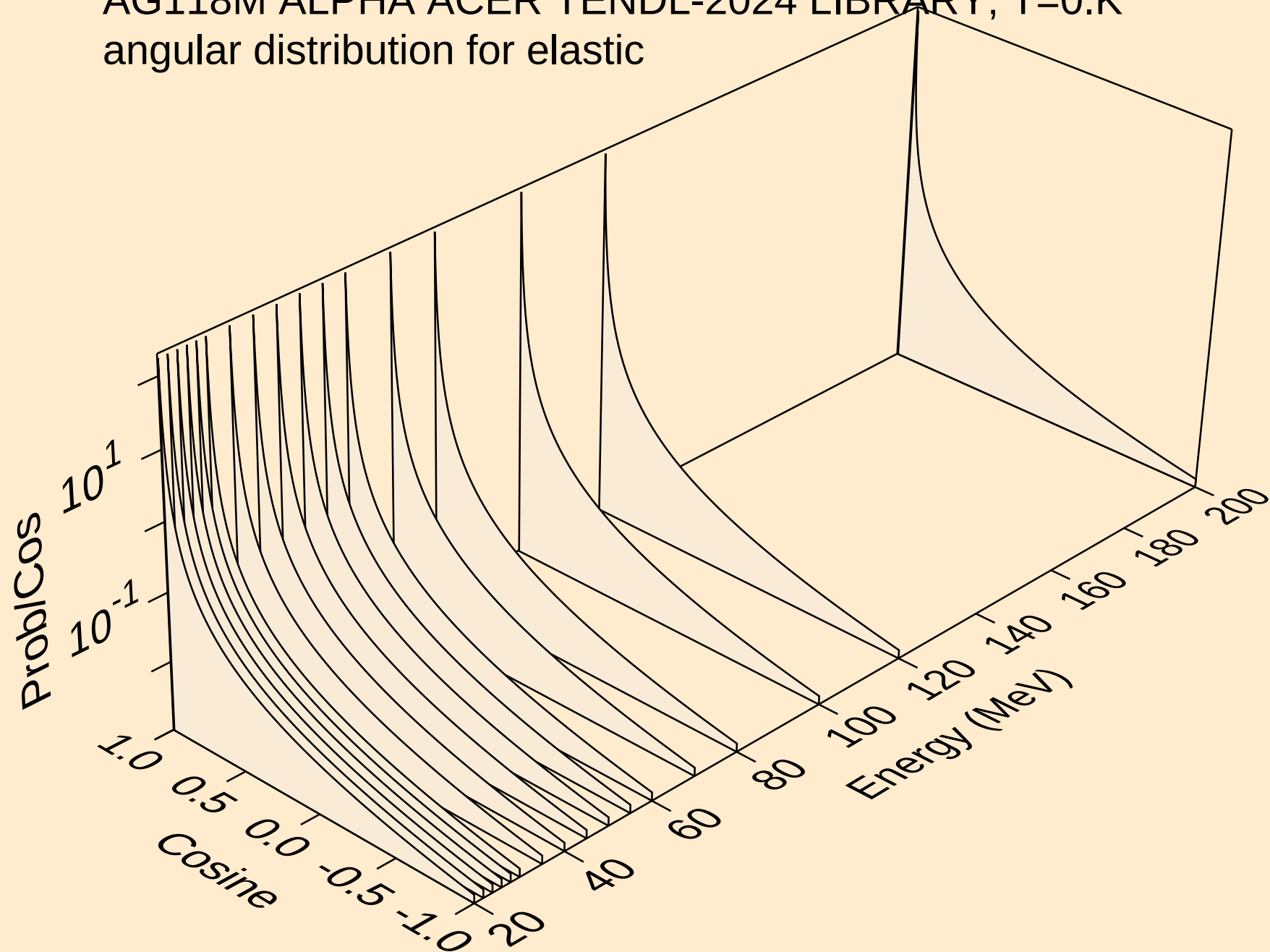
Threshold reactions



AG118M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



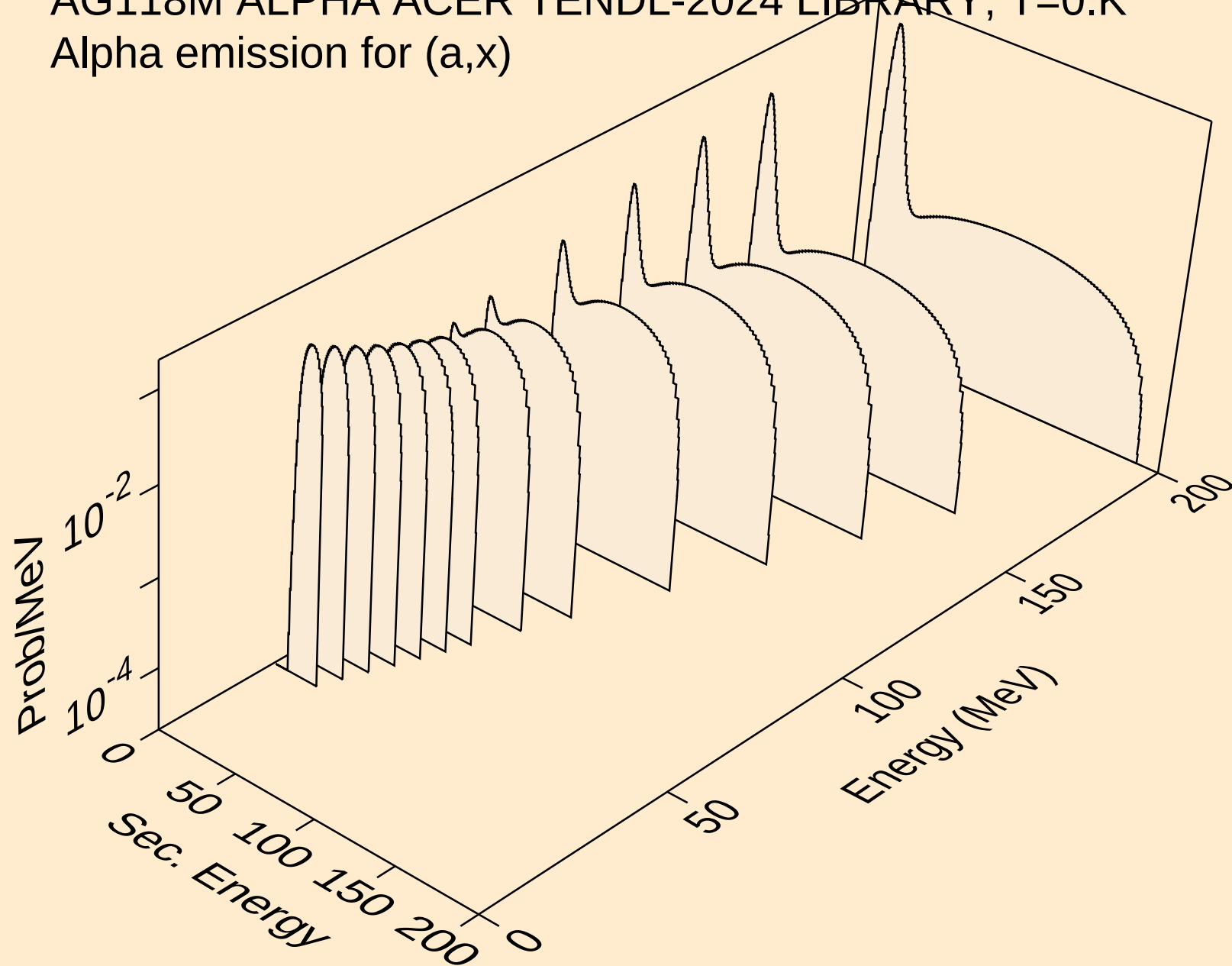
AG118M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic





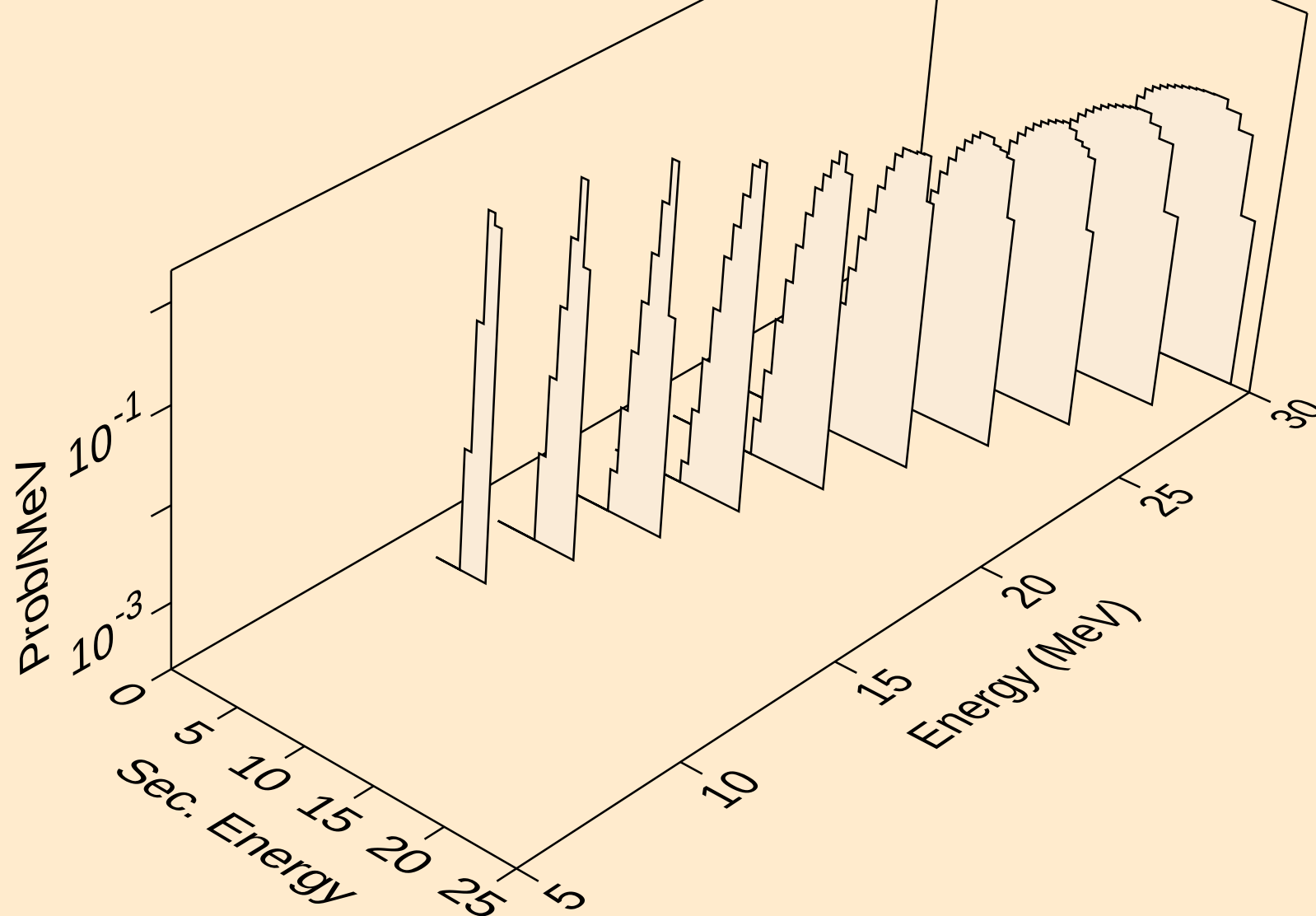
AG118M ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,x)



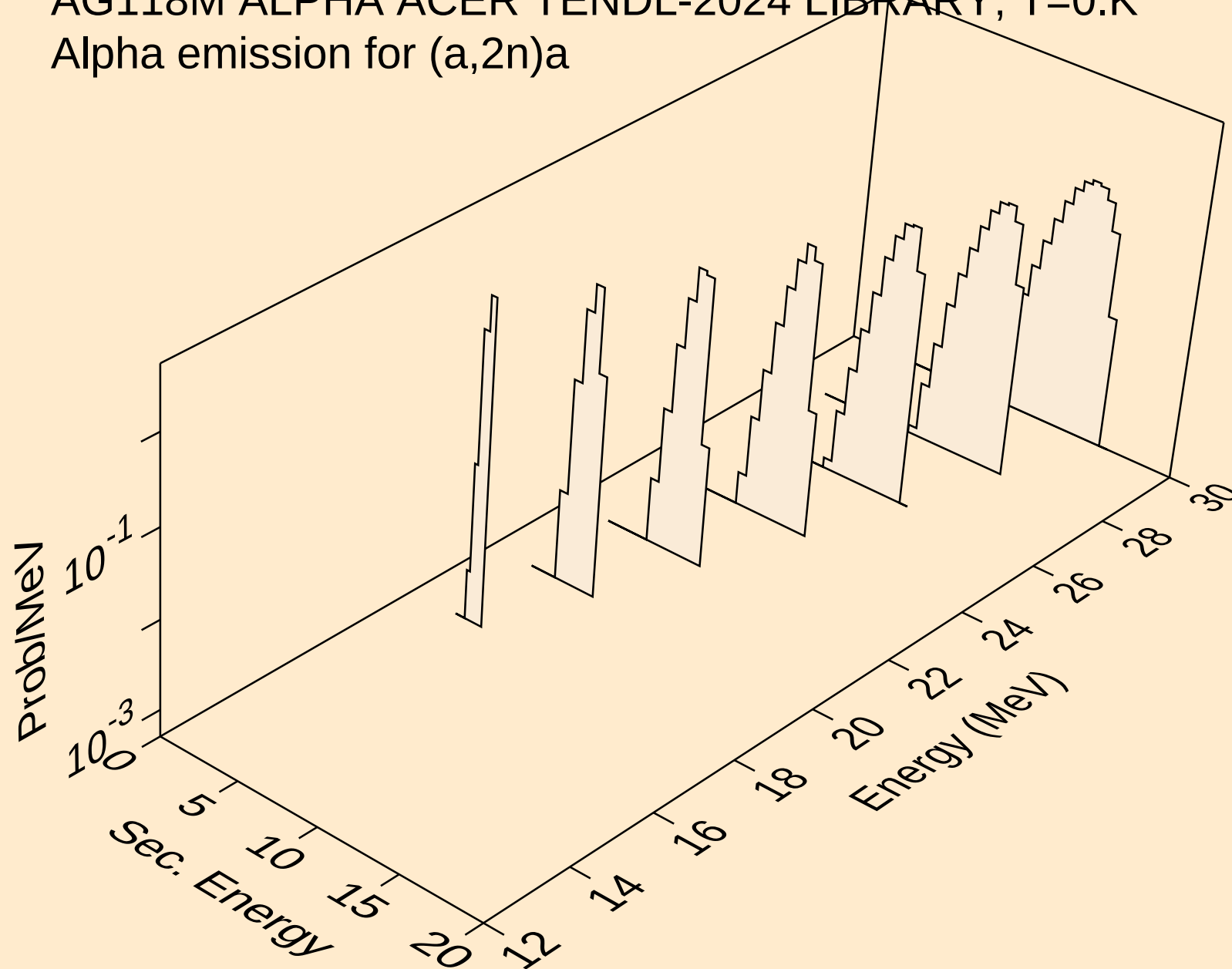
AG118M ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,n\*)a



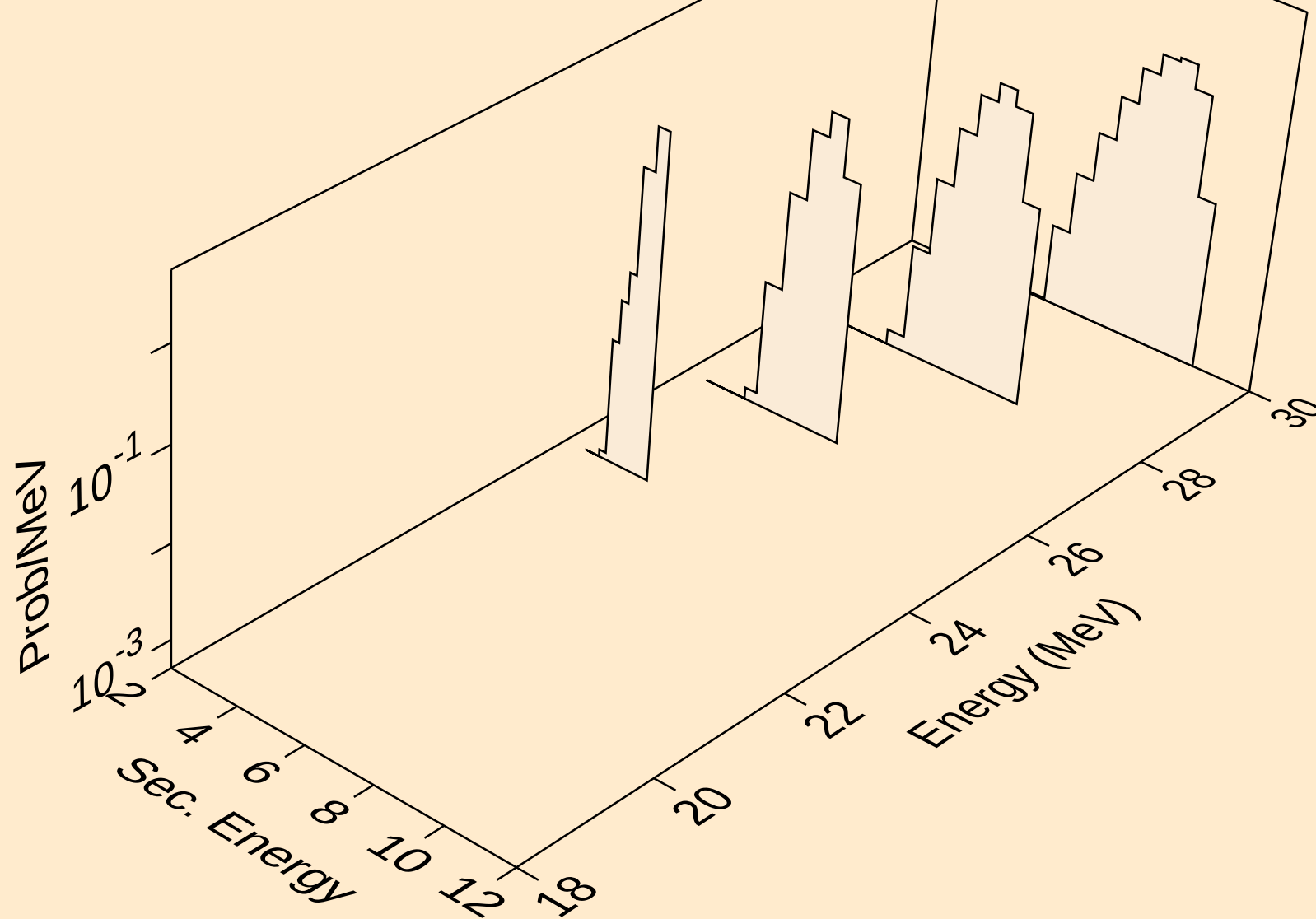
AG118M ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,2n)a

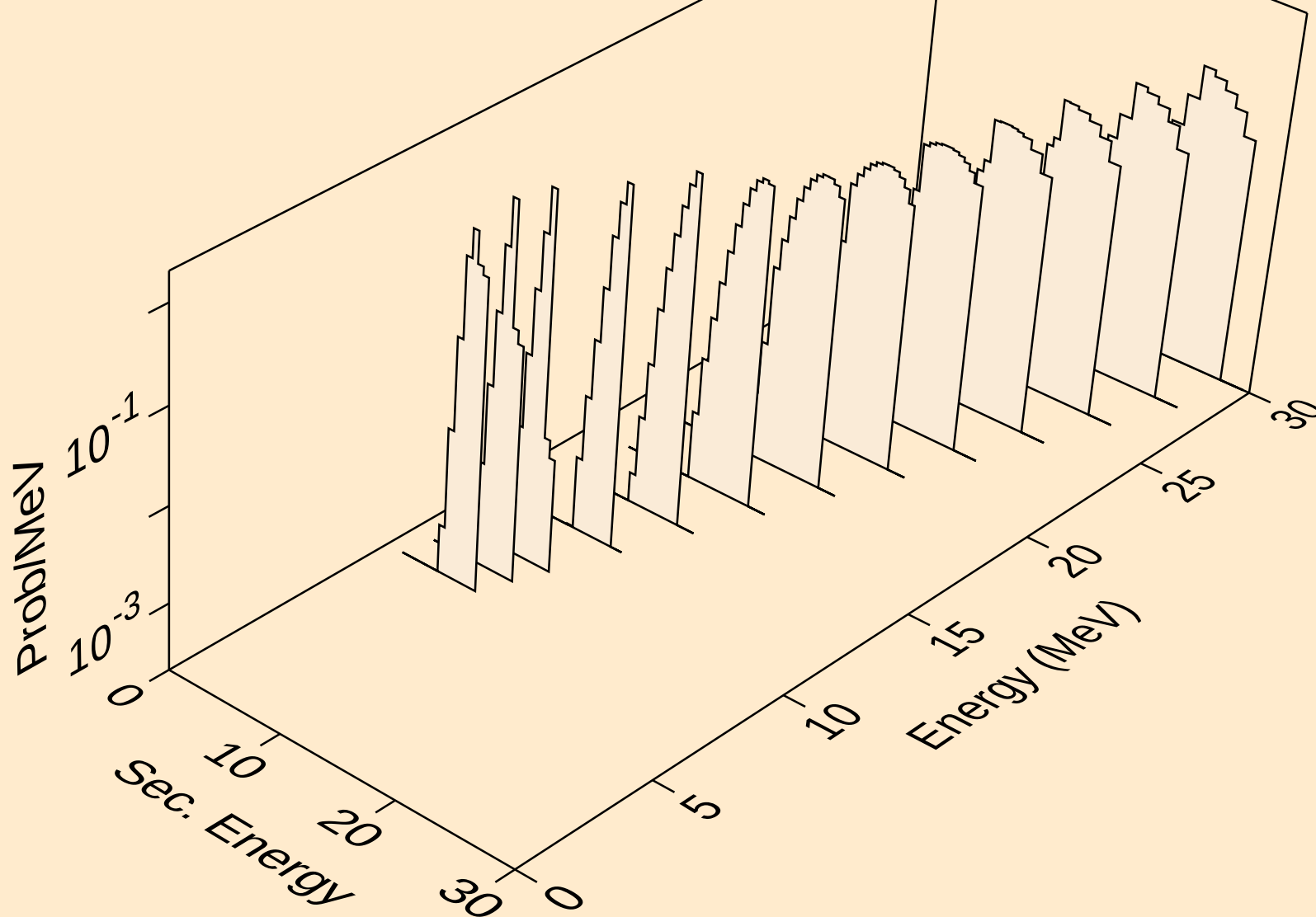


AG118M ALPHA ACER TENDL-2024 LIBRARY; T=0.K

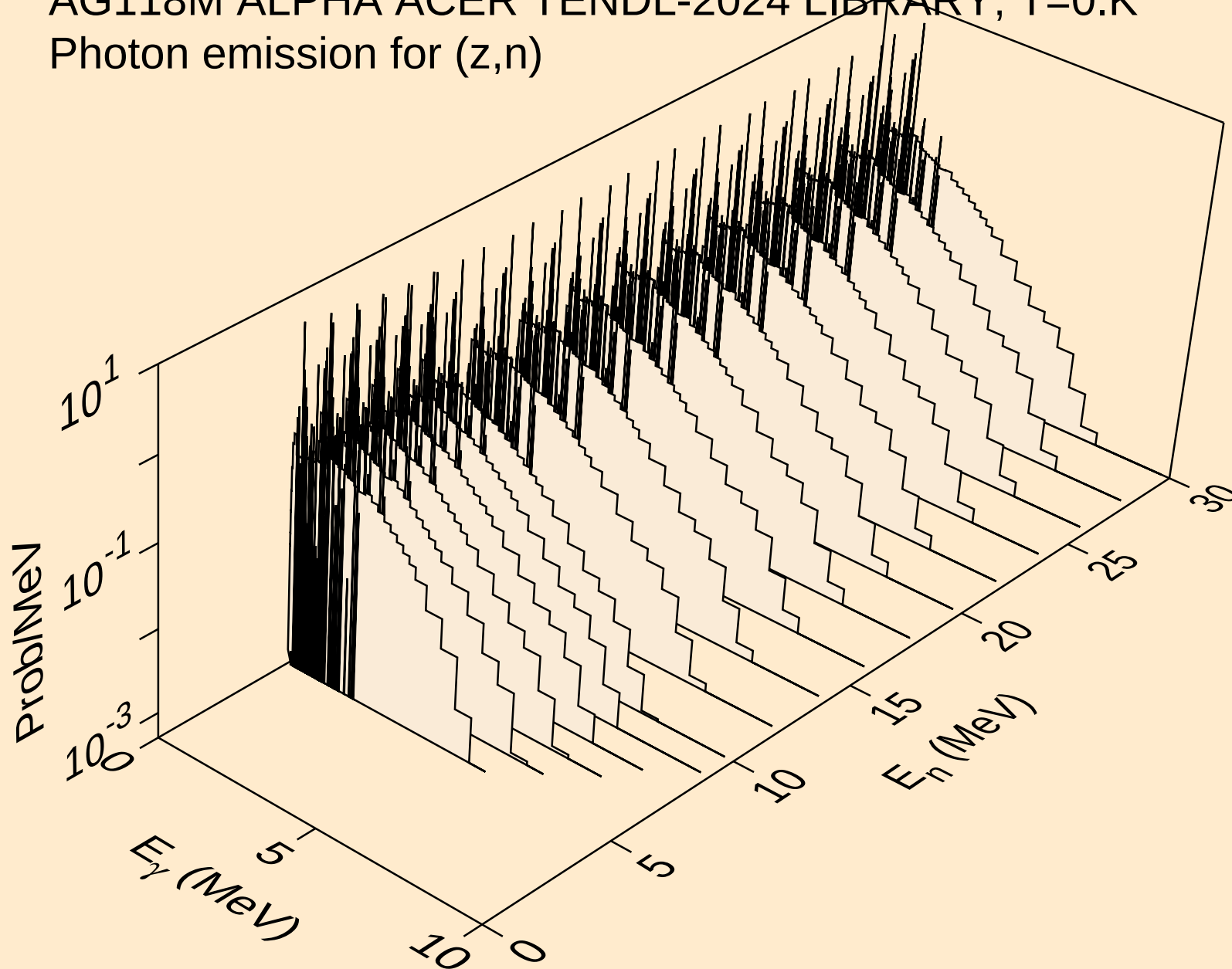
Alpha emission for (a,3n)a



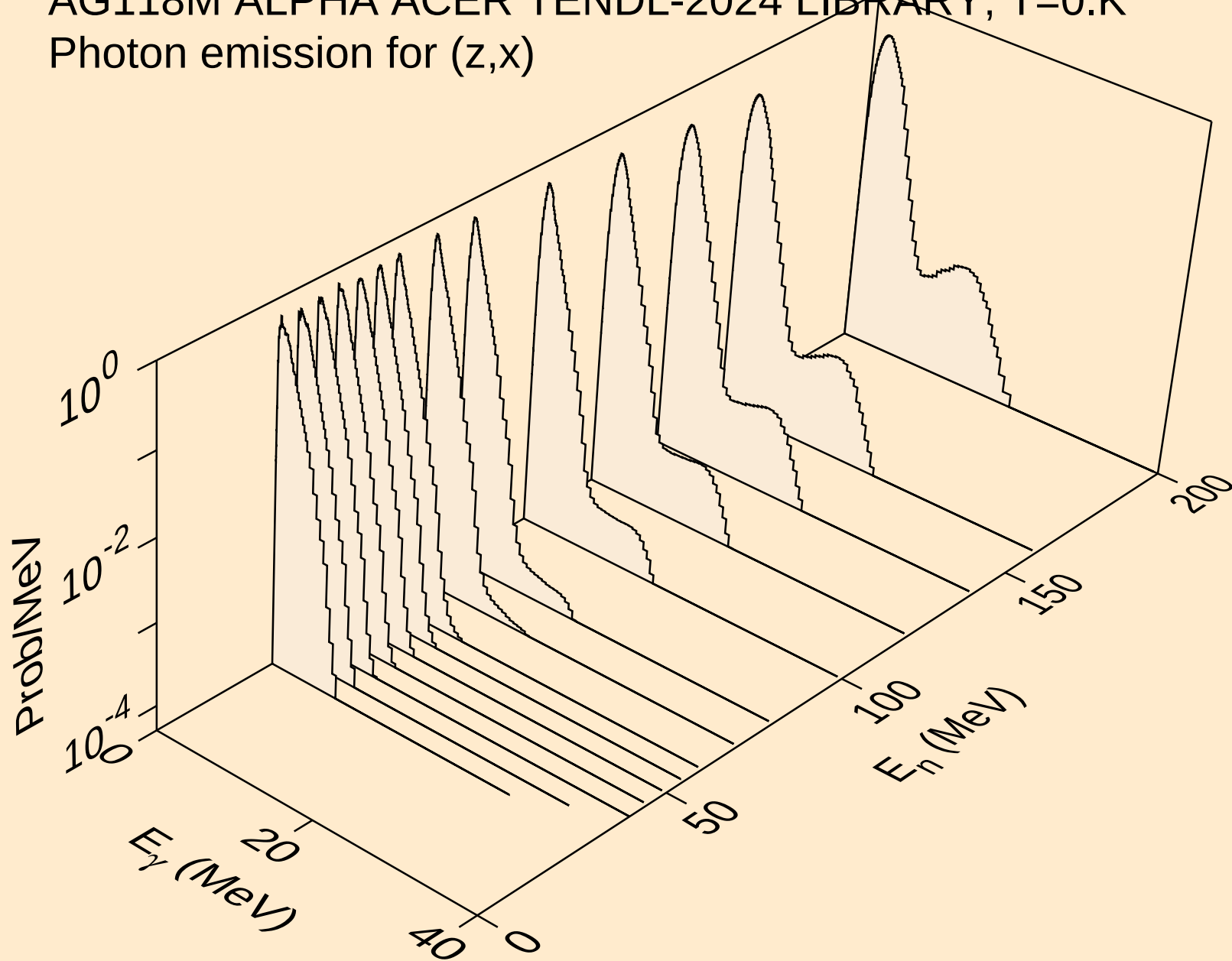
AG118M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for inelastic



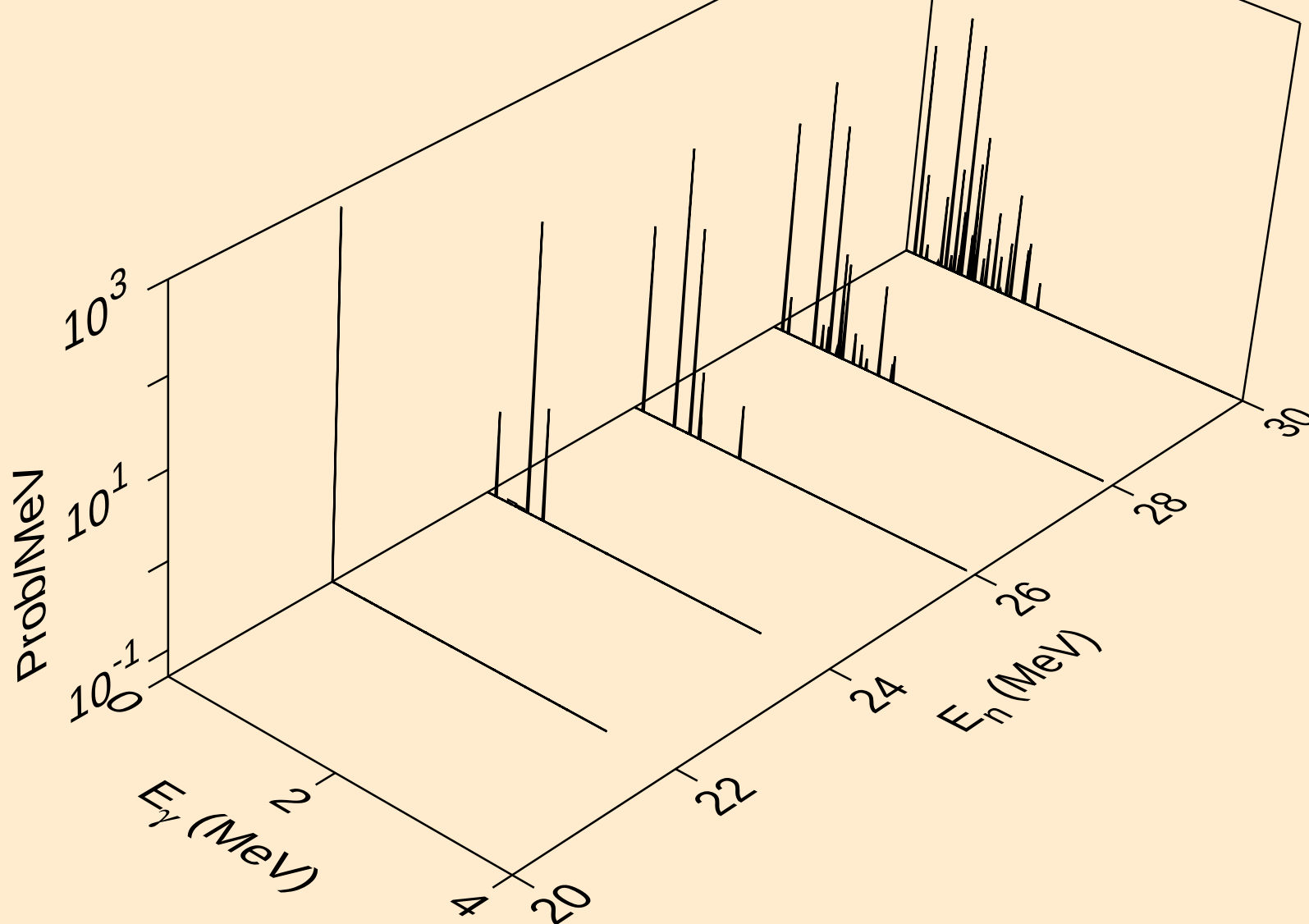
AG118M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,n)



AG118M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,x)

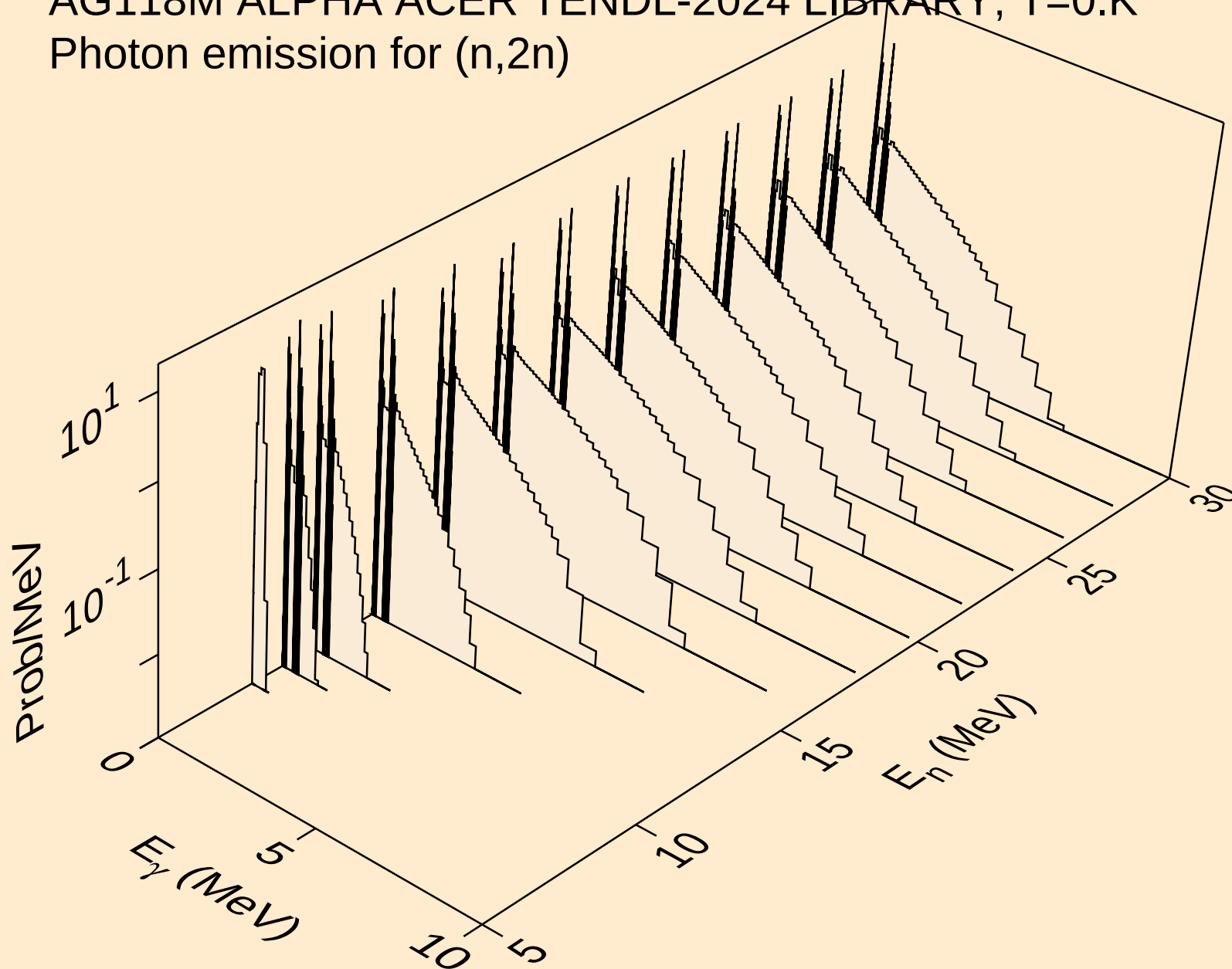


AG118M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)

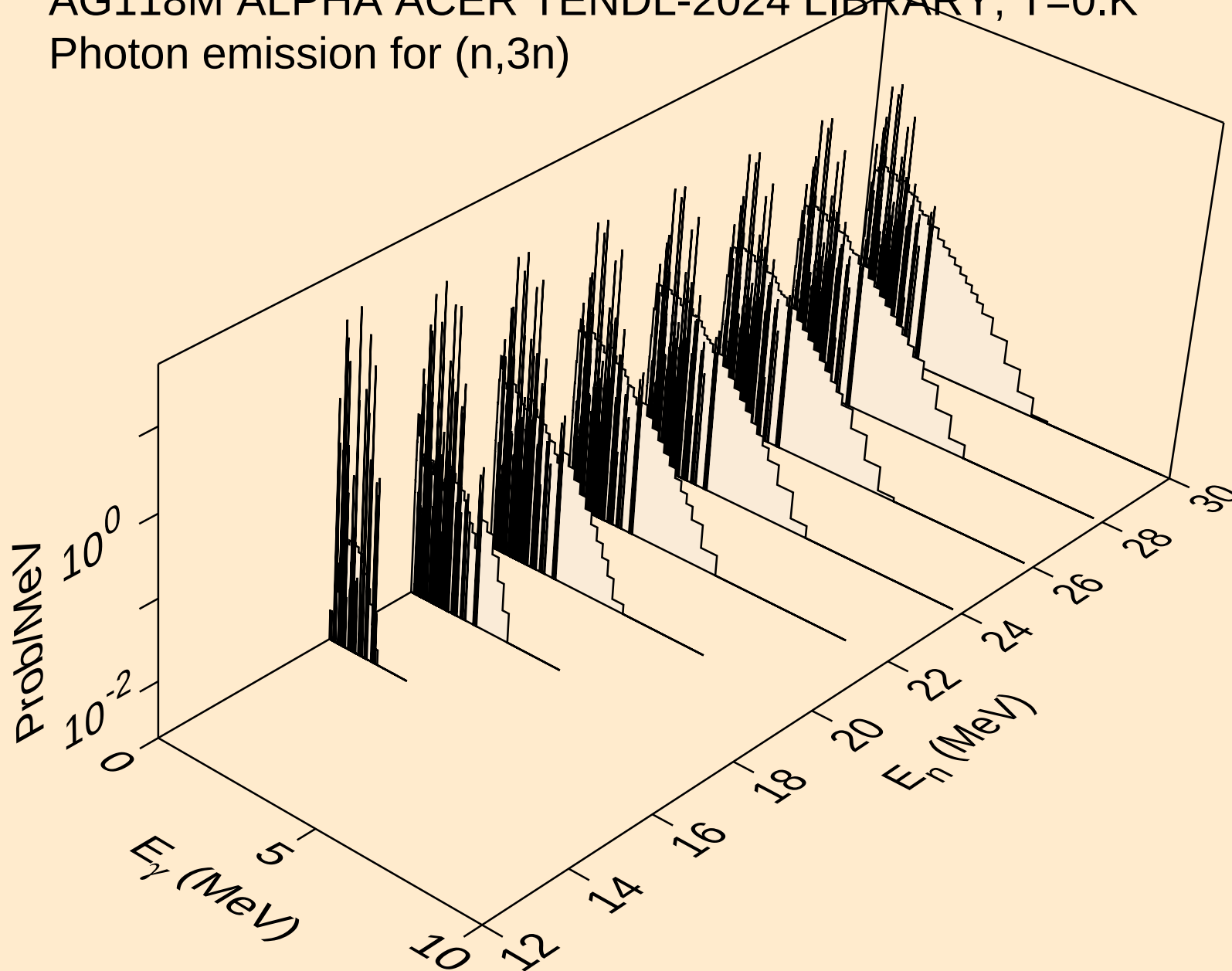




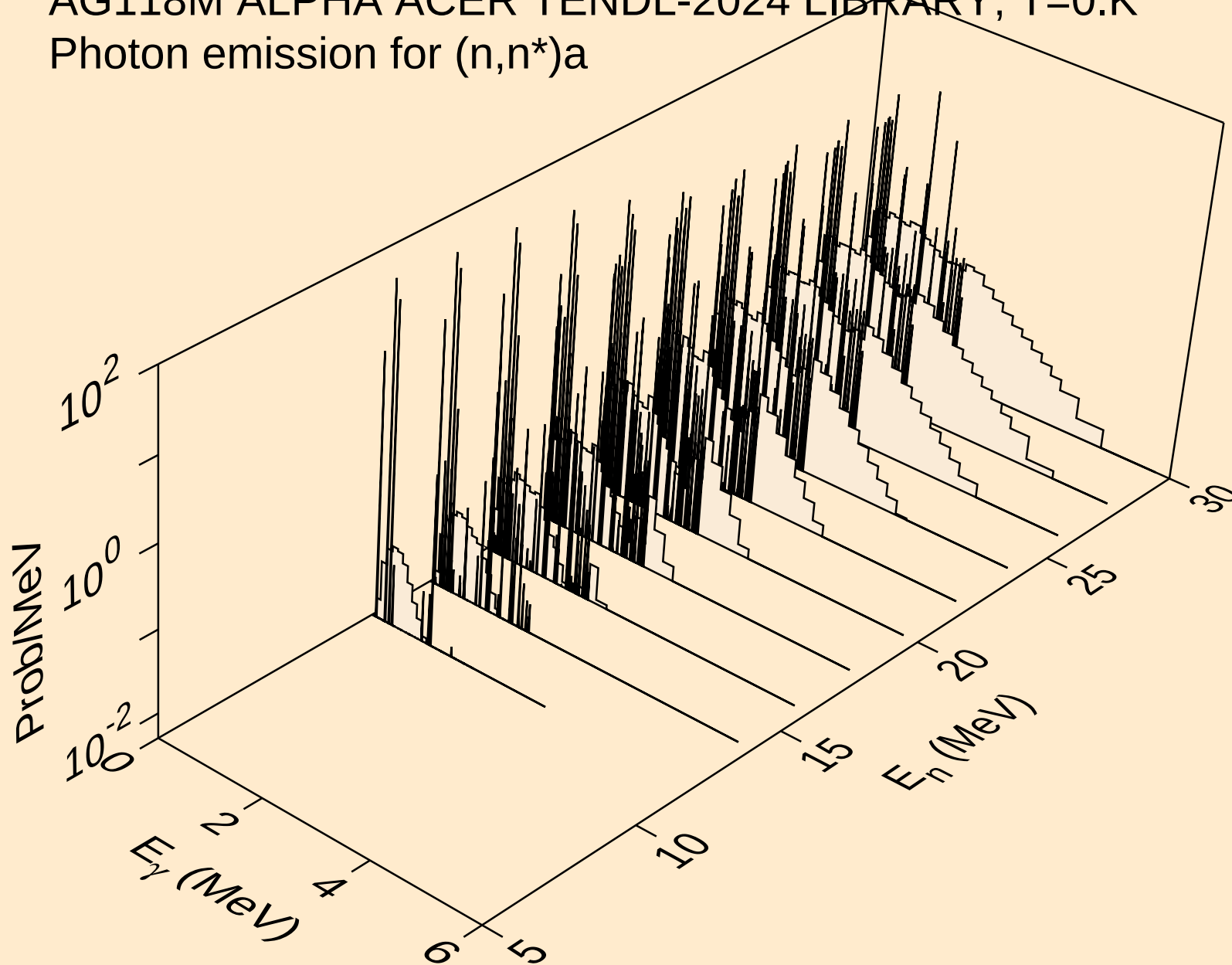
AG118M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



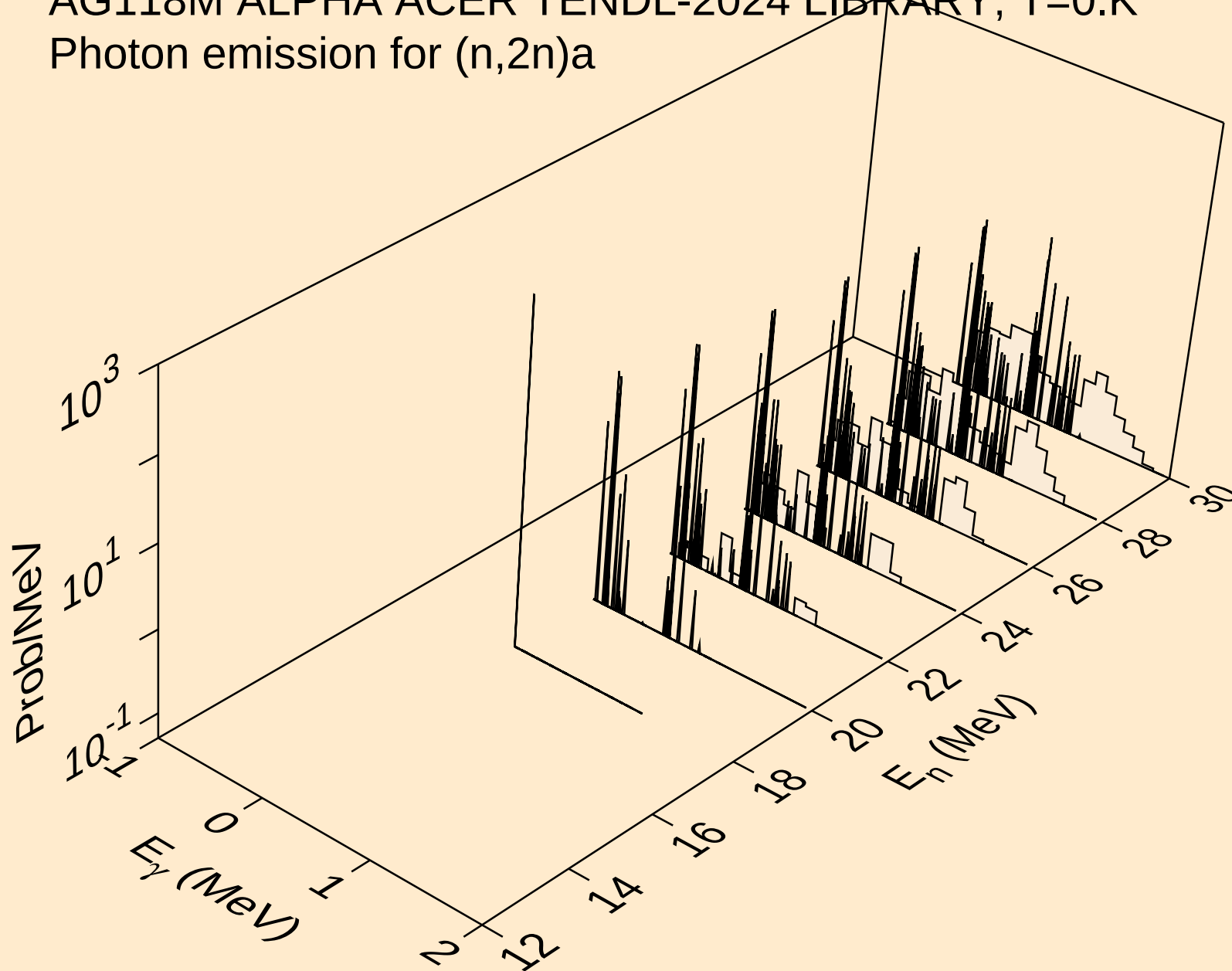
AG118M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



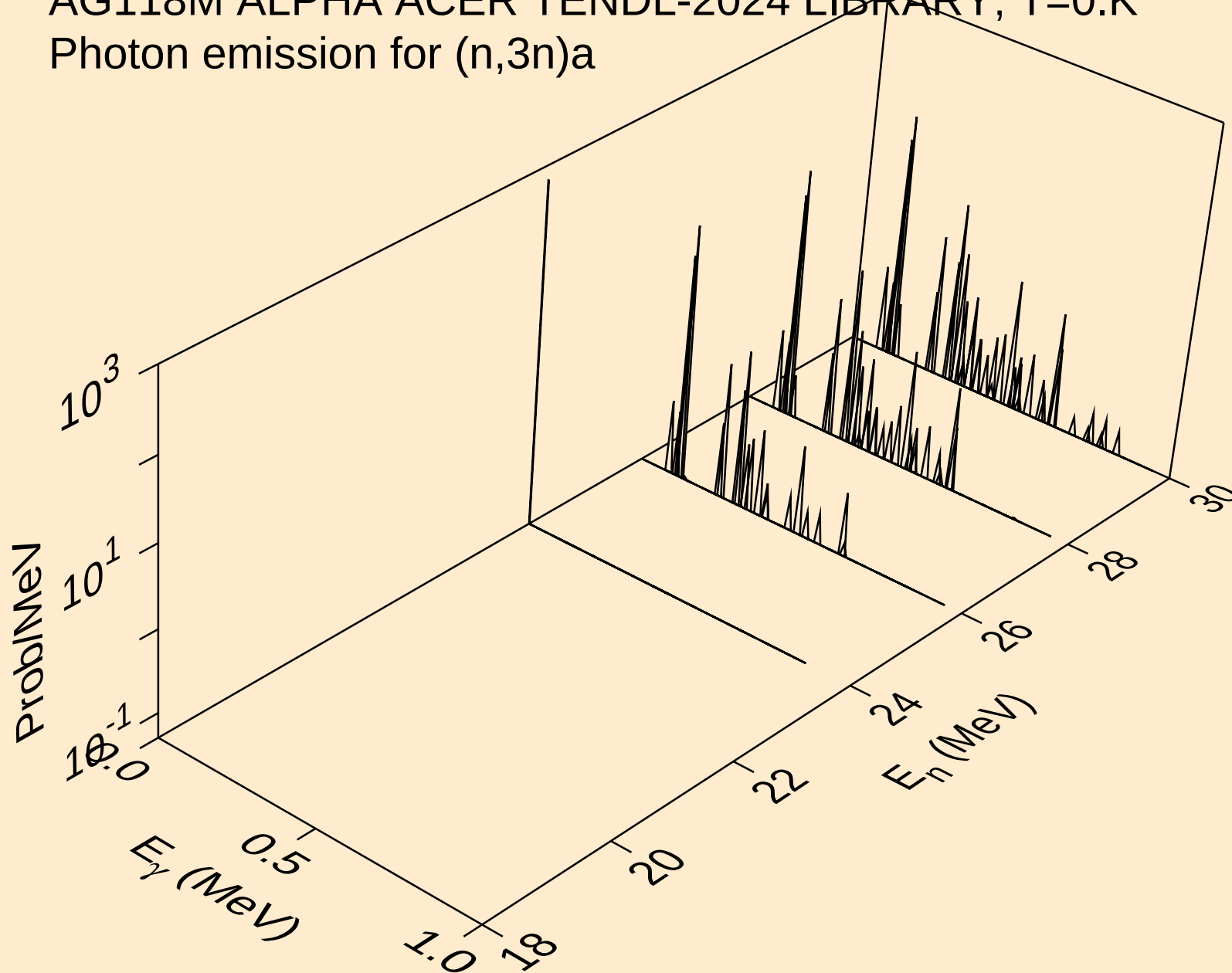
AG118M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



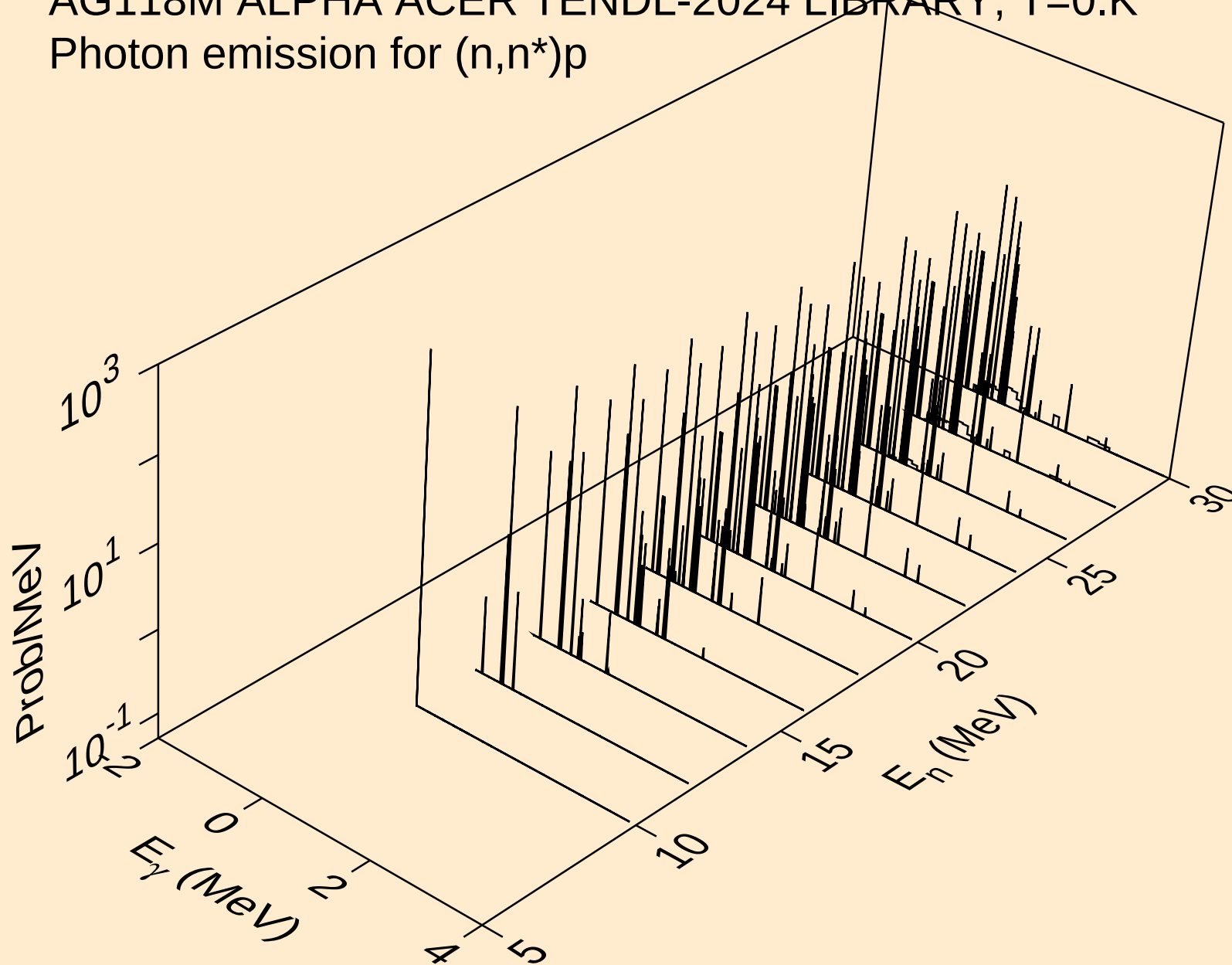
AG118M ALPHA ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,2n)a



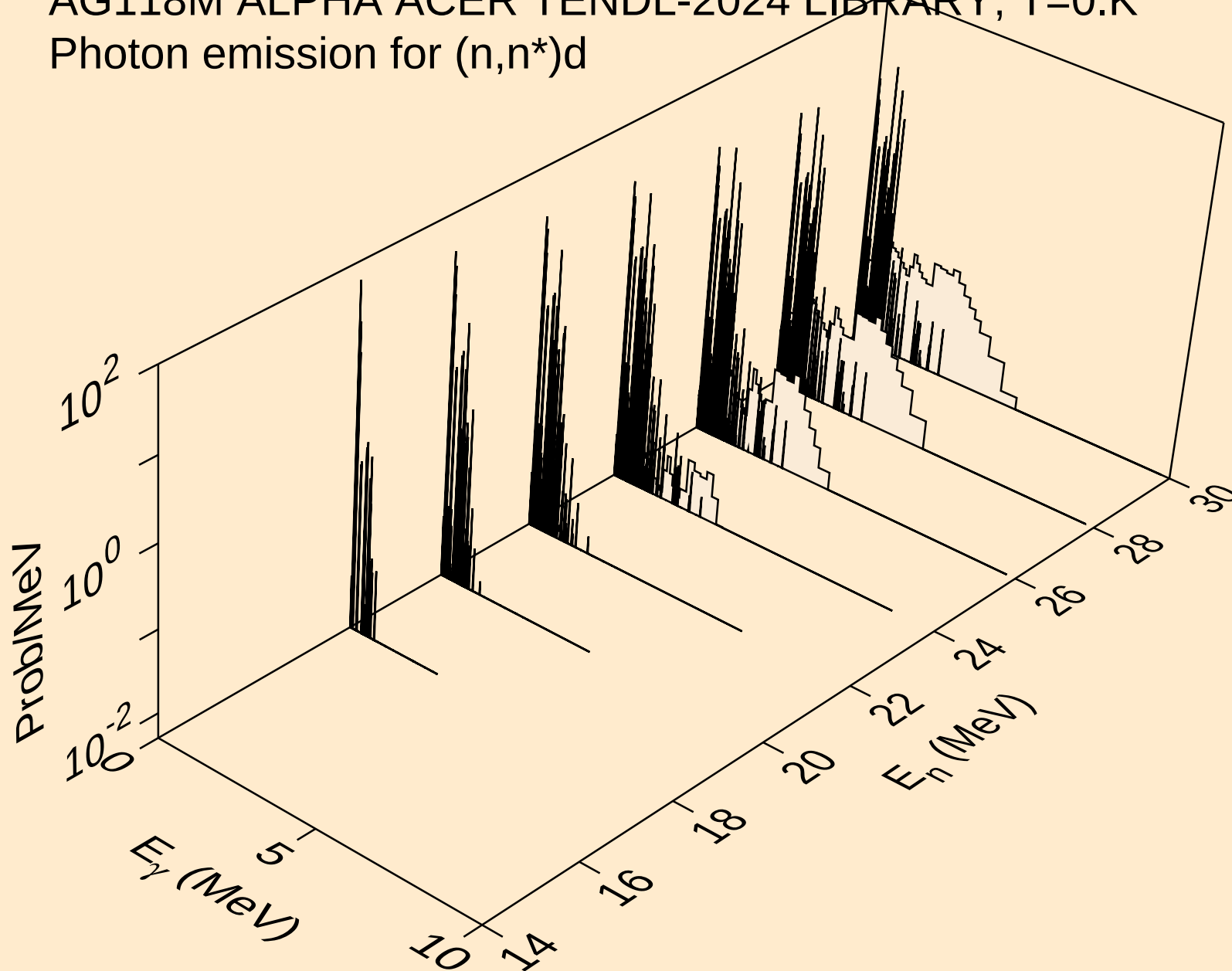
AG118M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n) $\alpha$



AG118M ALPHA ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for  $(n,n^*)p$

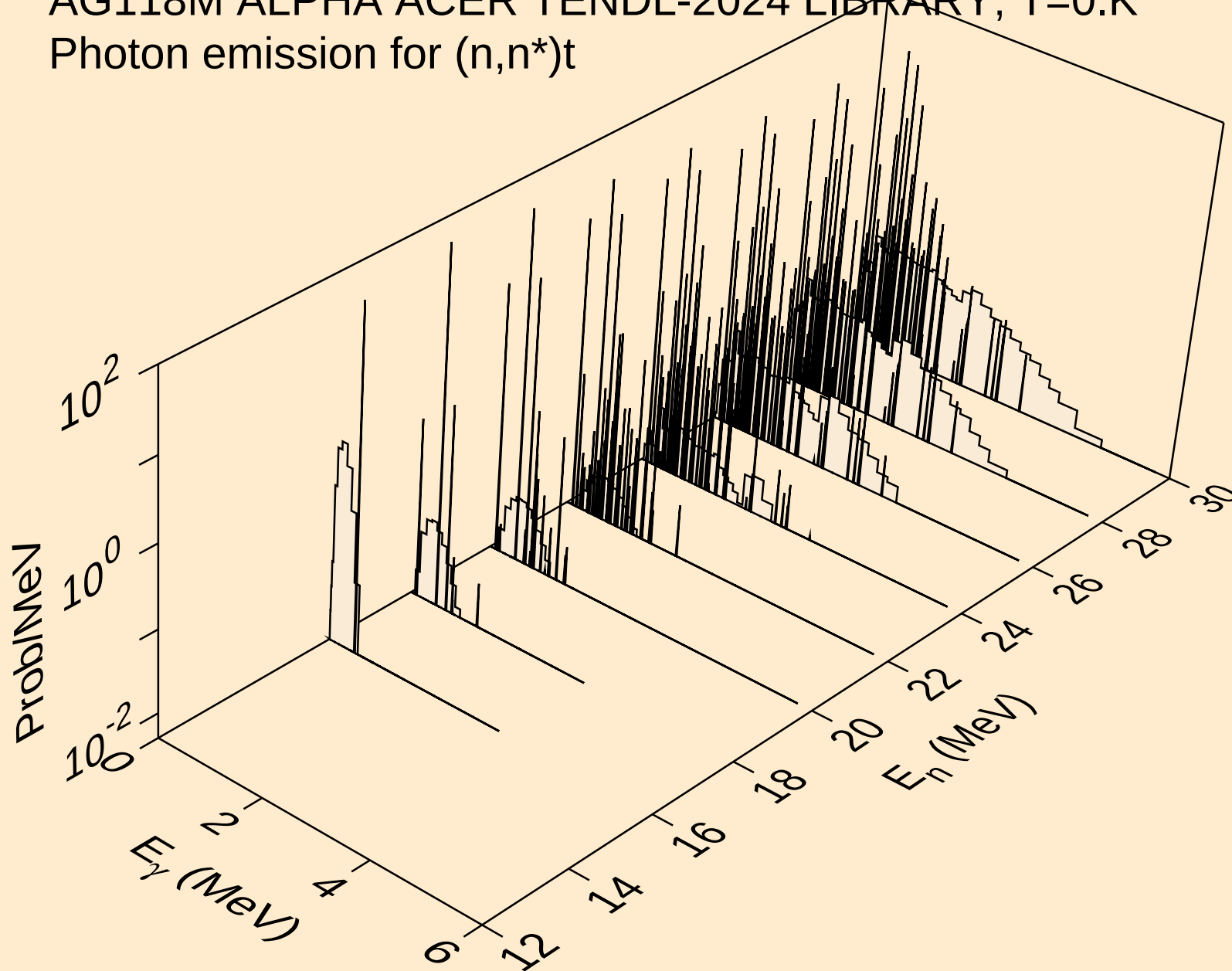


AG118M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



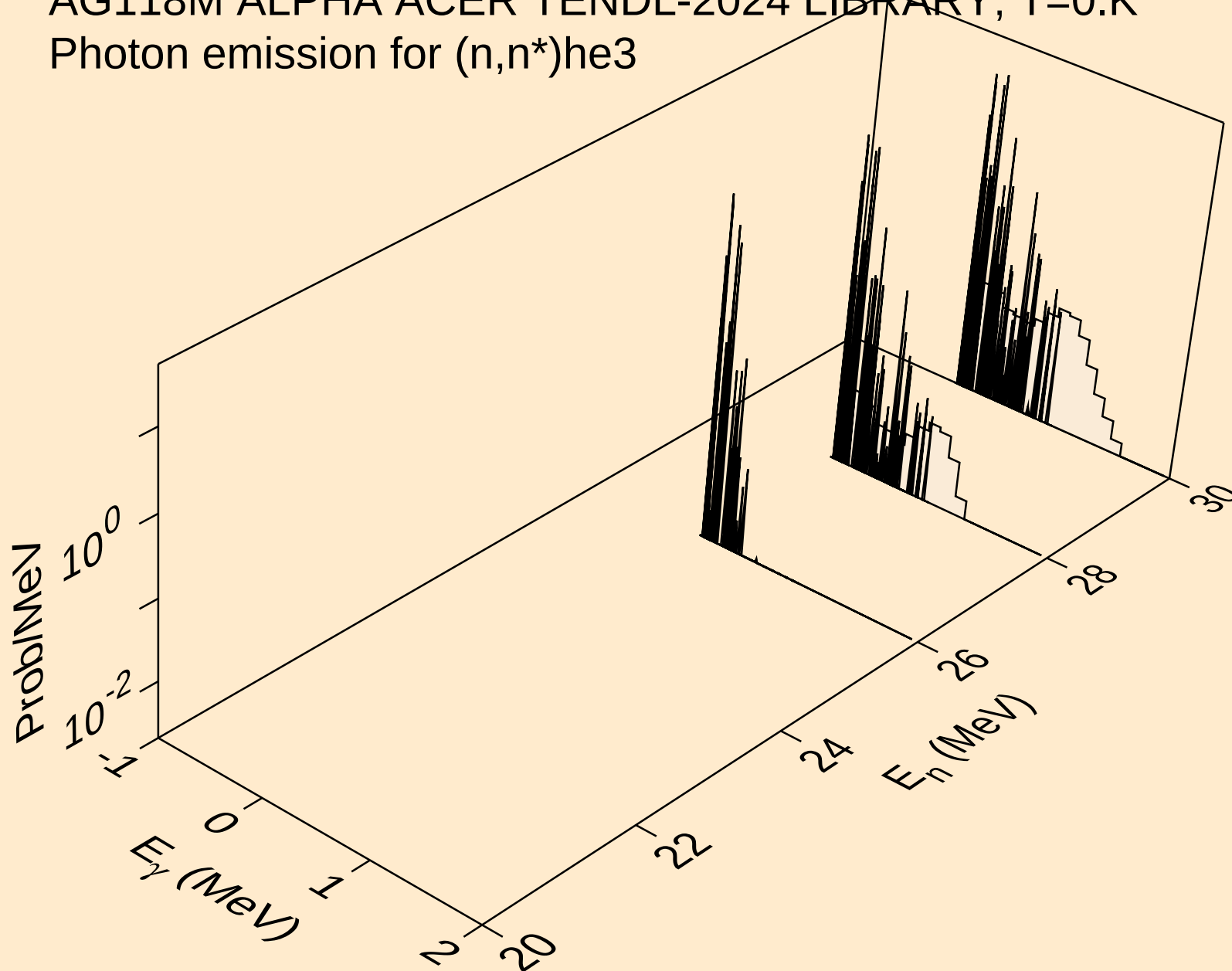
AG118M ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)t

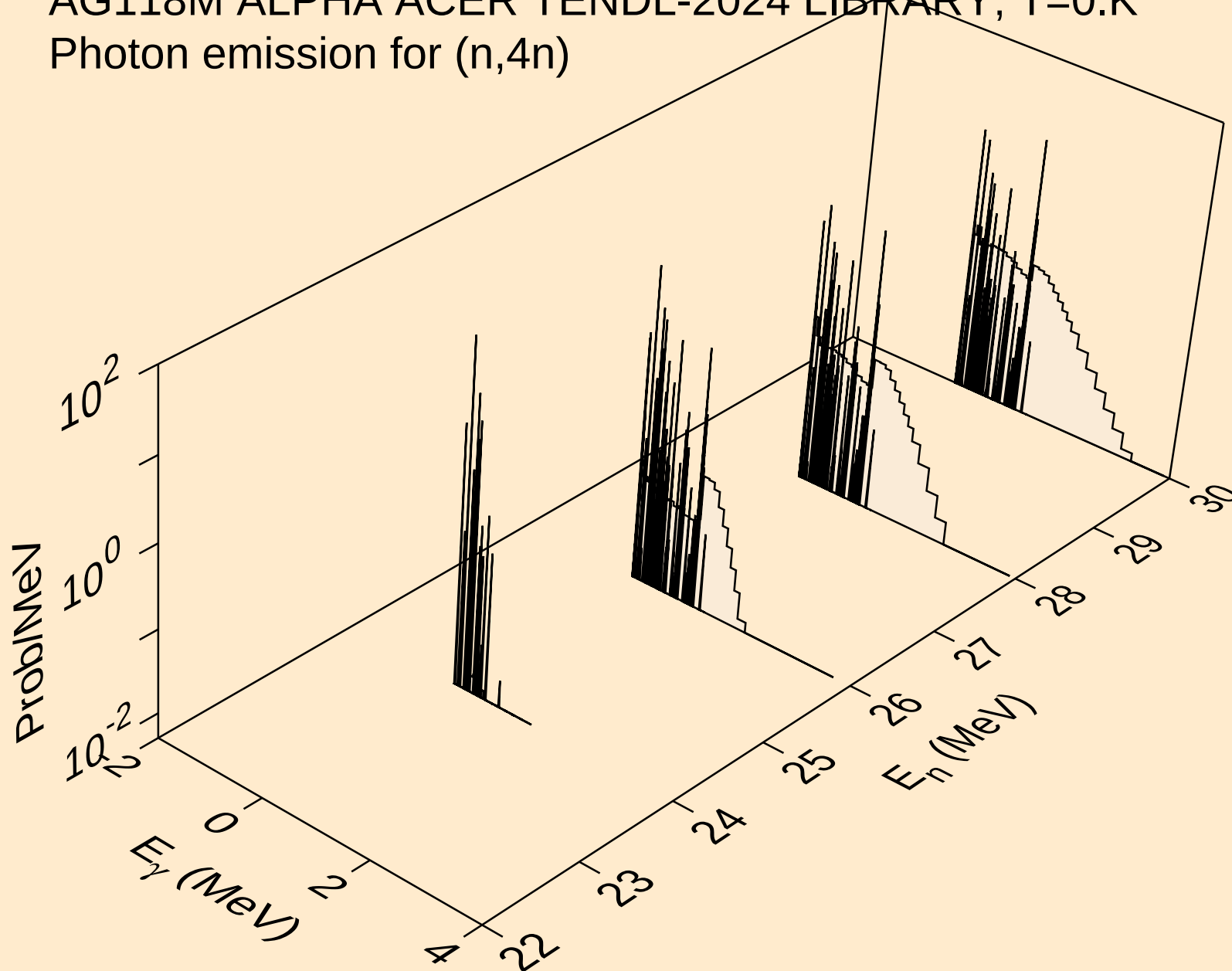




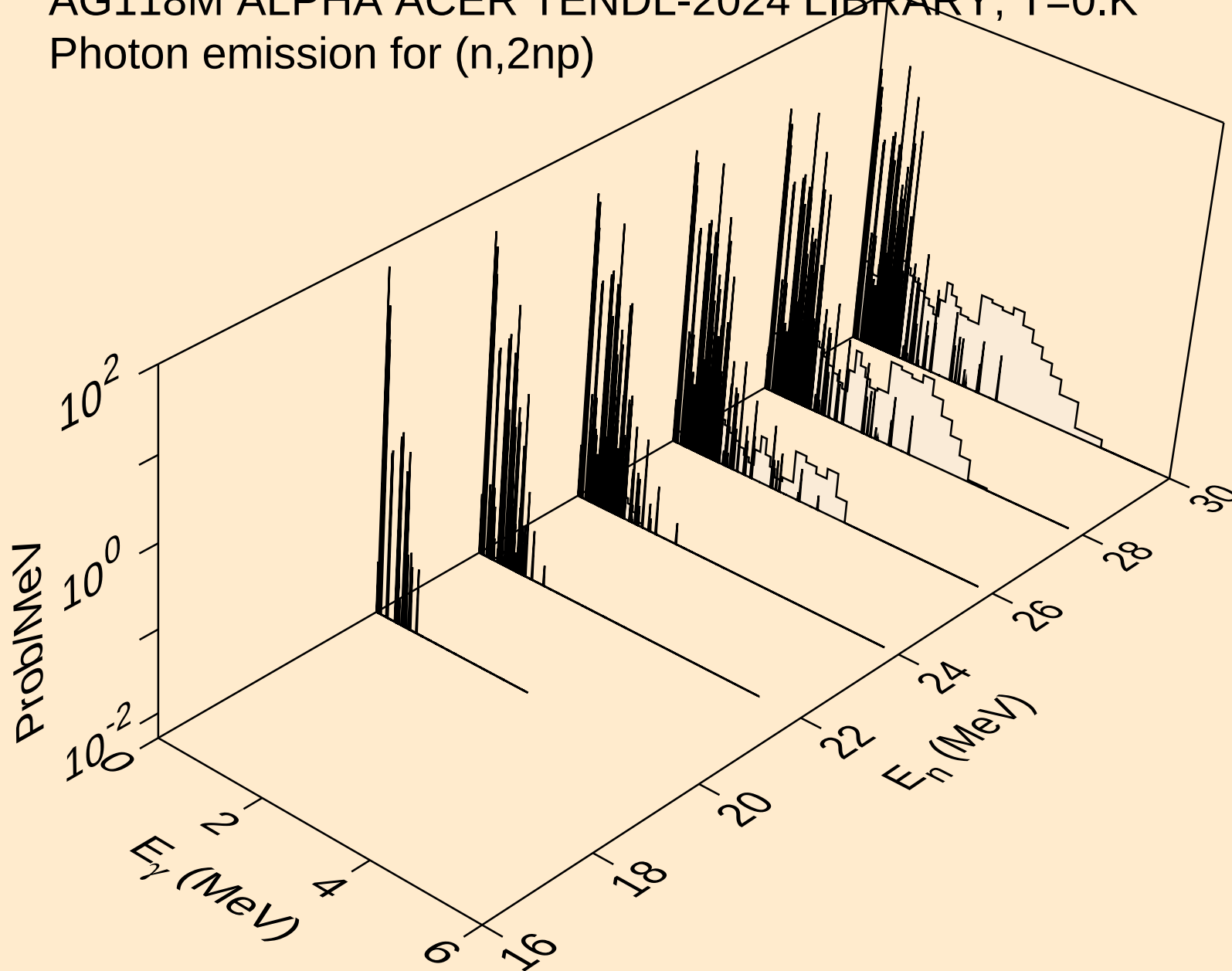
AG118M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



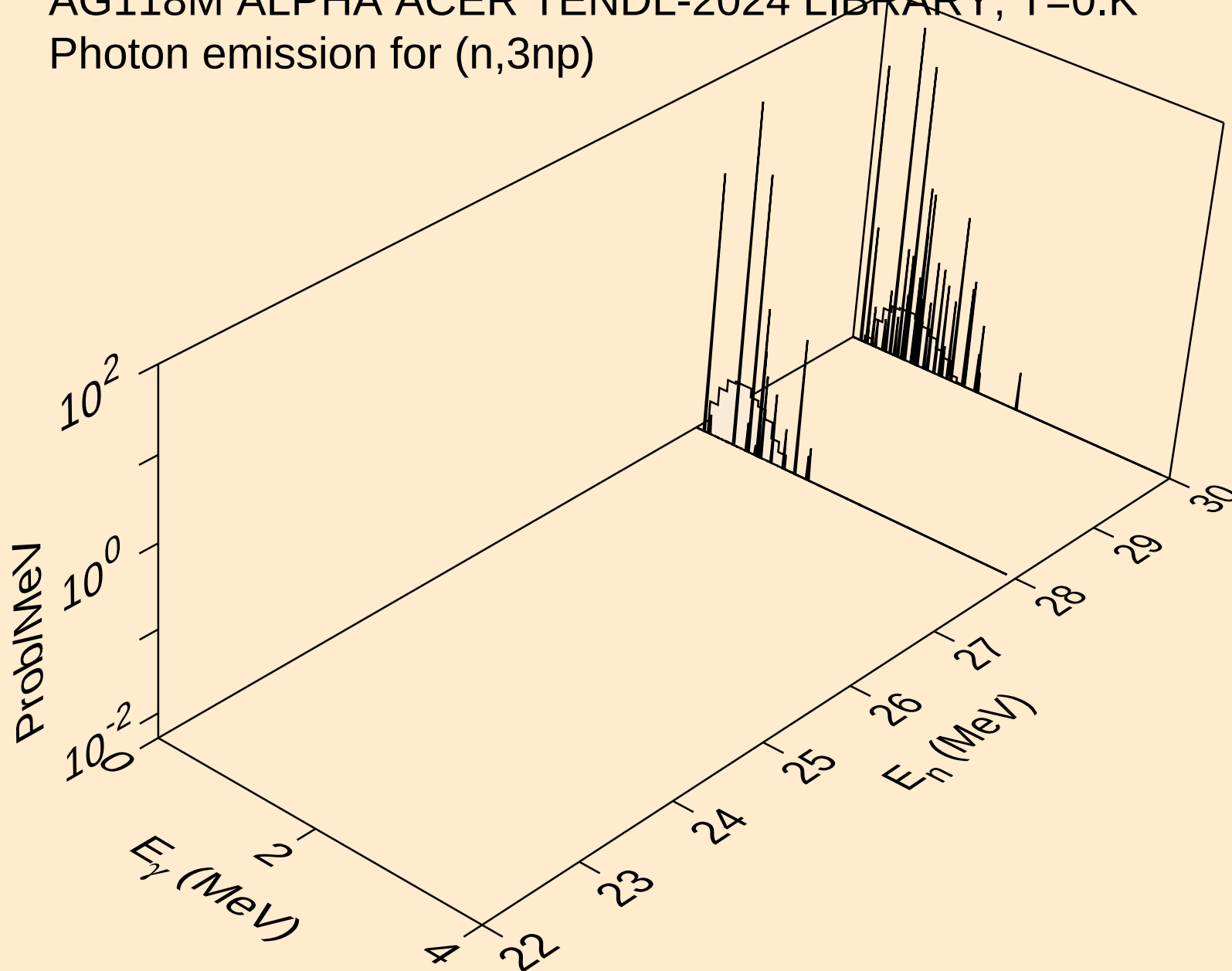
AG118M ALPHA ACER TENDL-2024 LIBRARY;  $T=0.K$   
Photon emission for (n,4n)



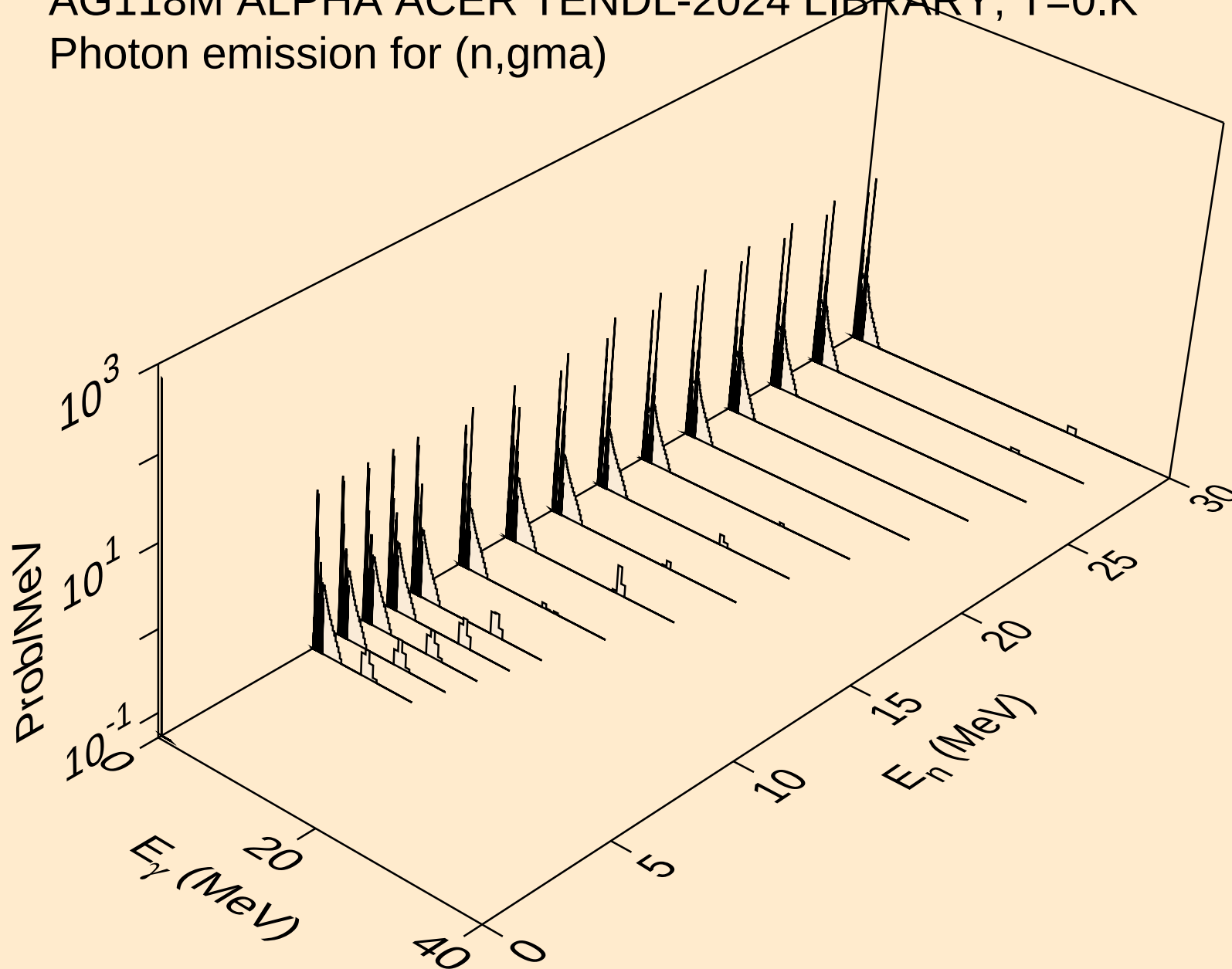
AG118M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



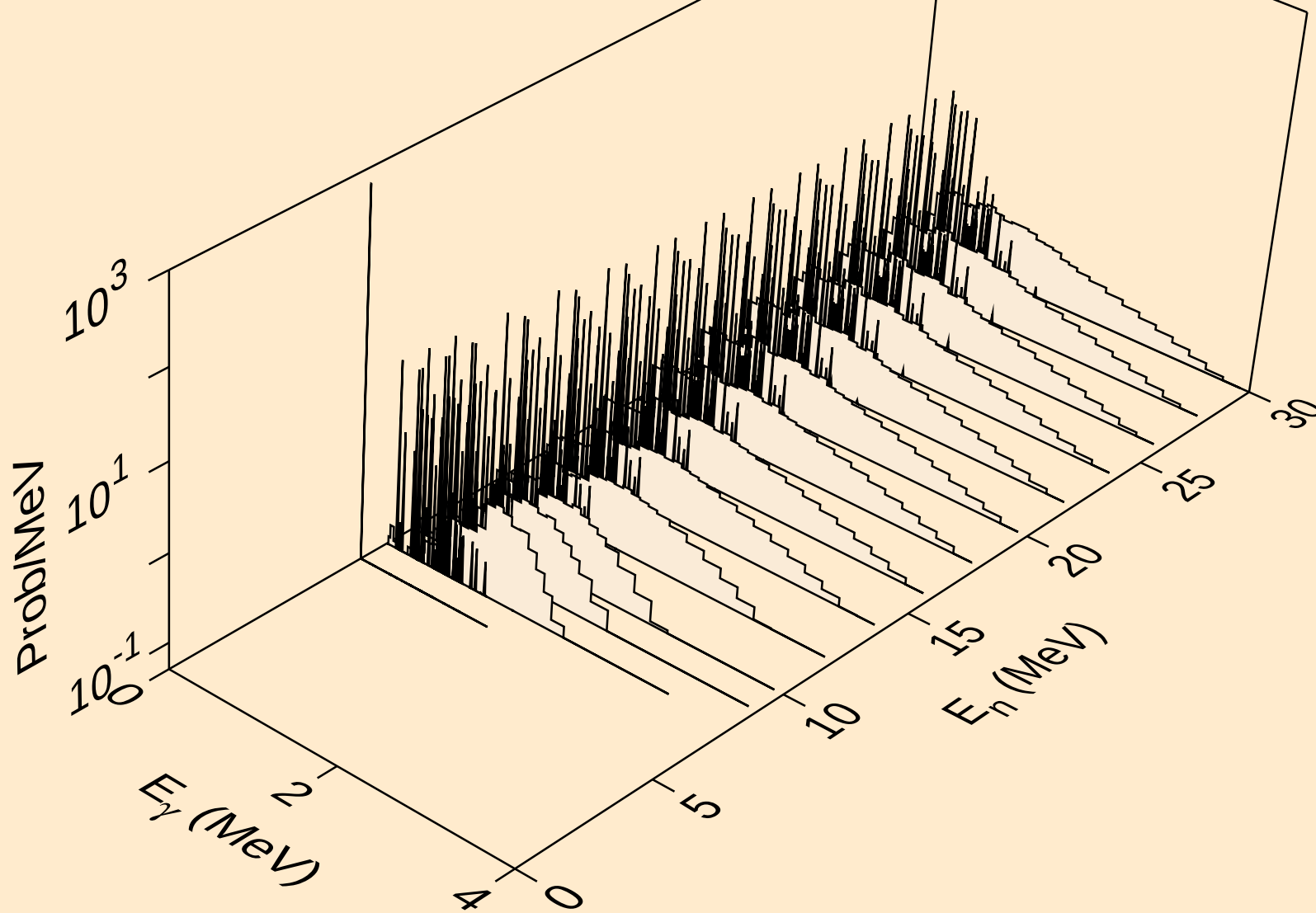
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Photon emission for (n,3np)



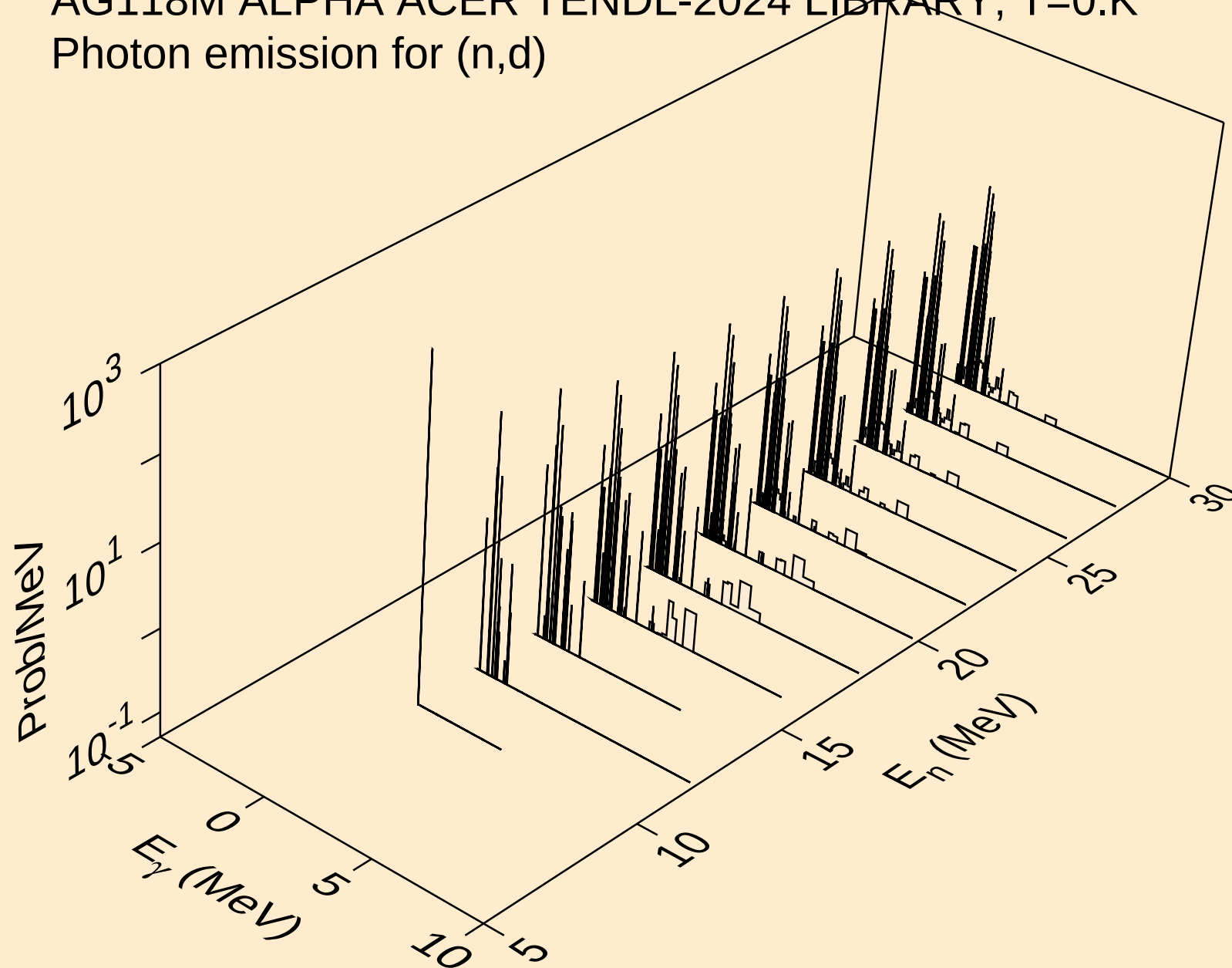
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Photon emission for (n,gma)



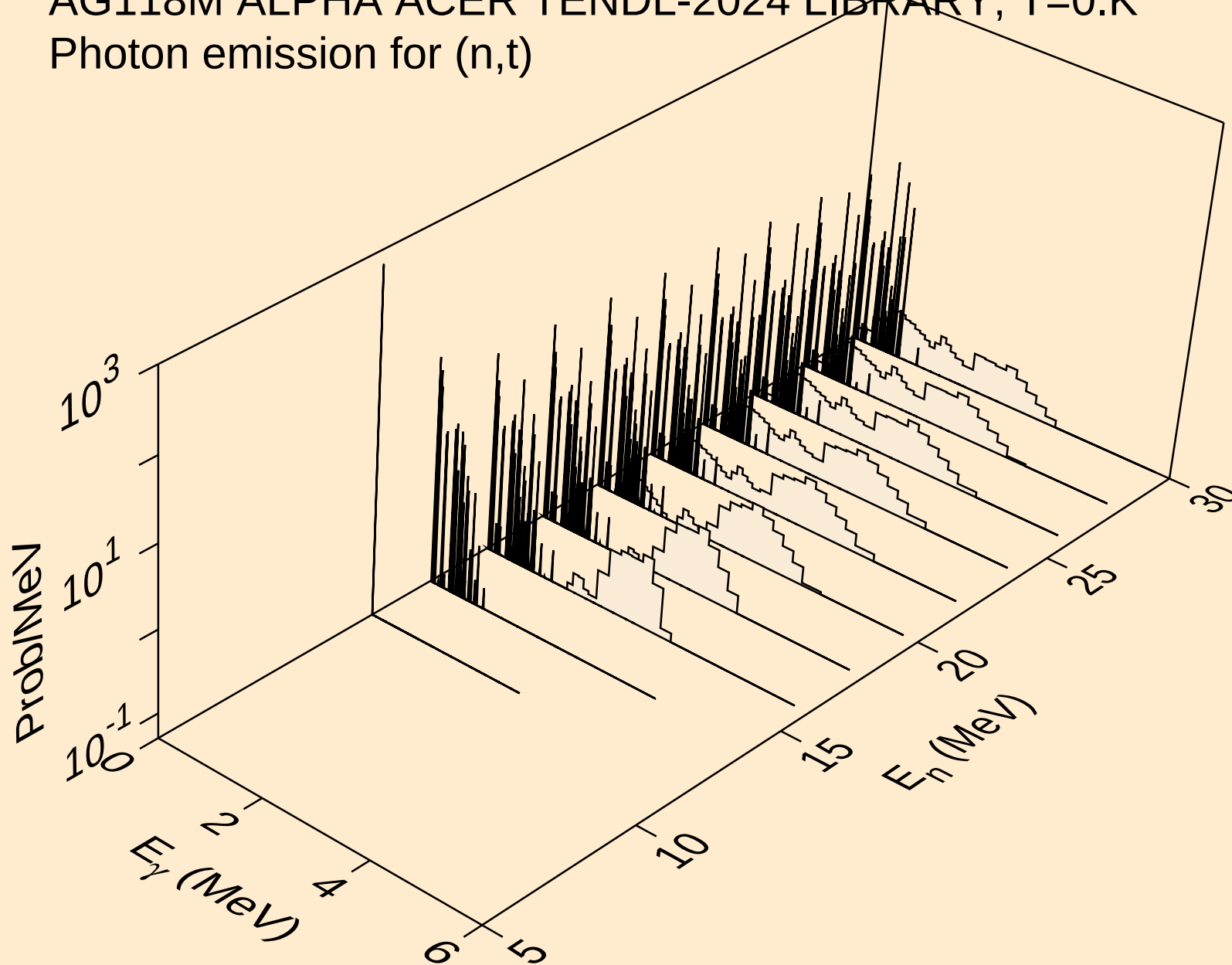
AG118M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



AG118M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)

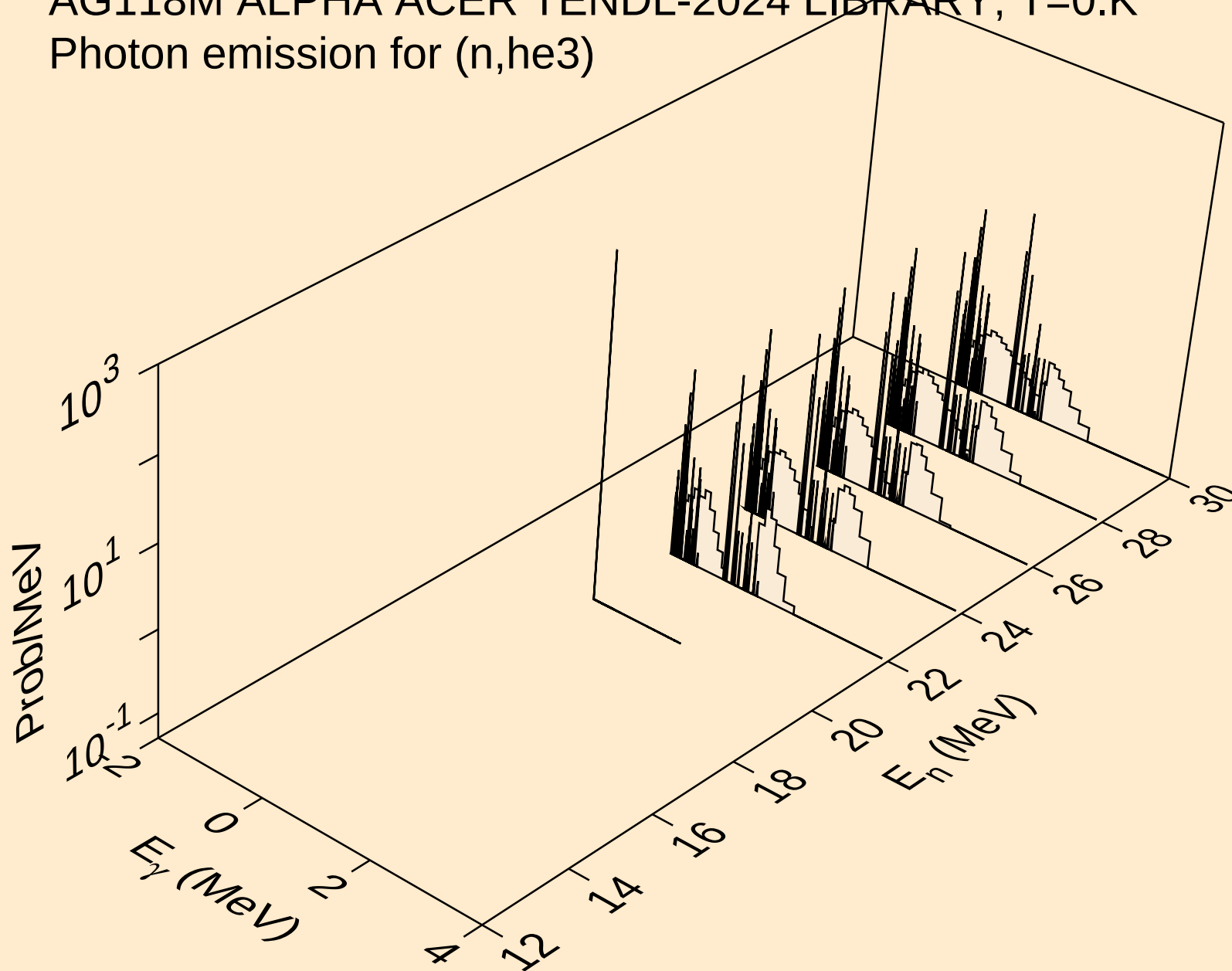


AG118M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)

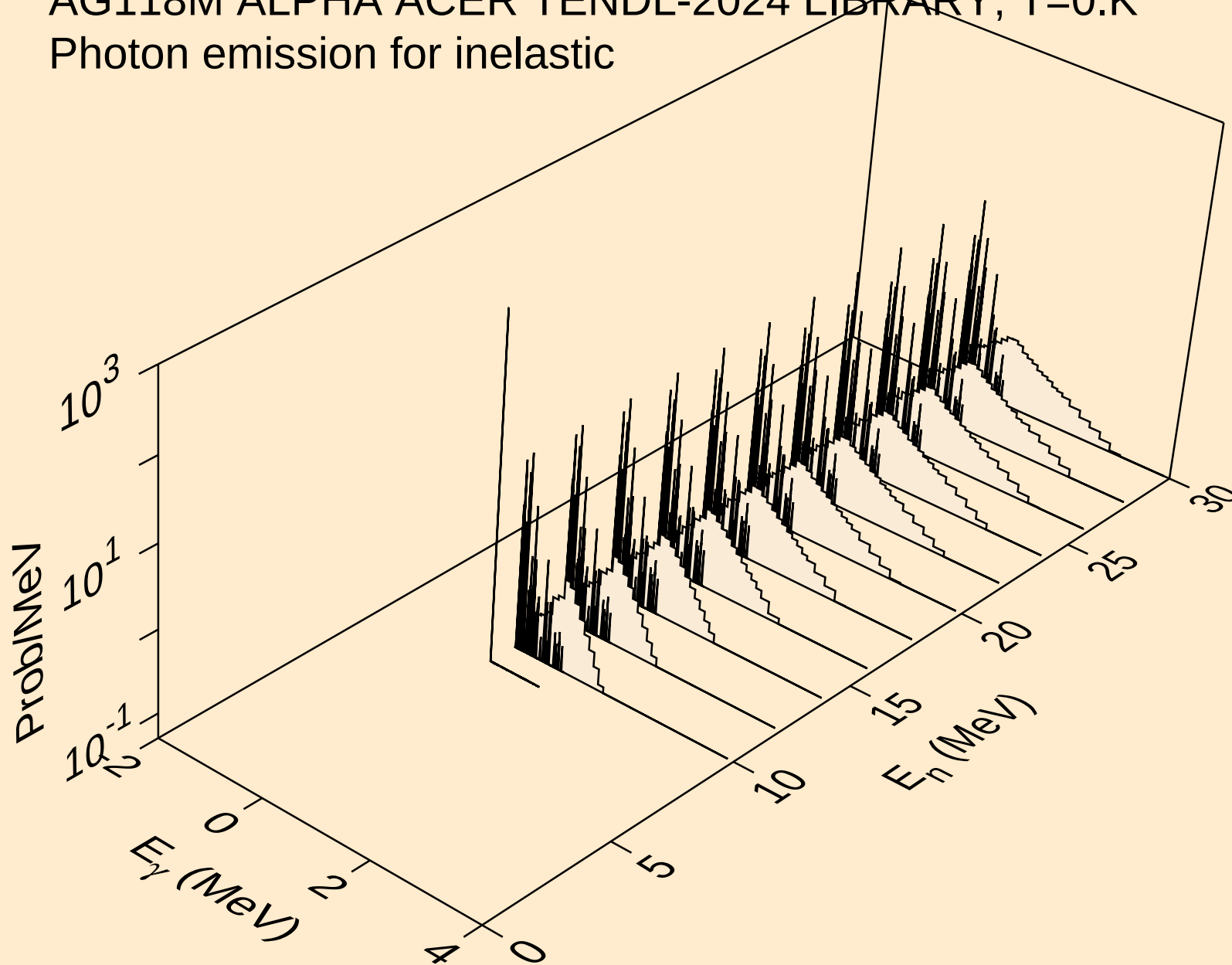




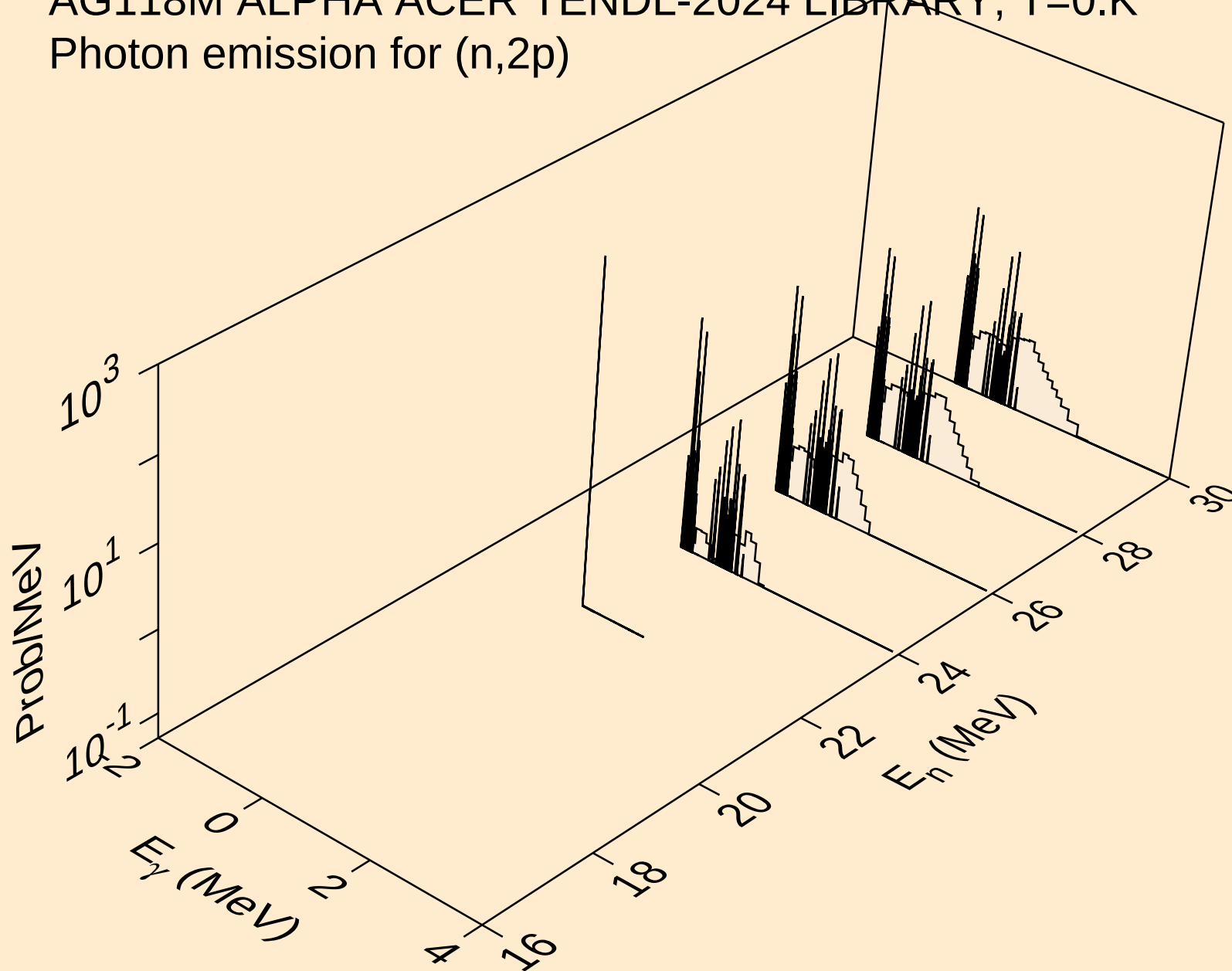
AG118M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



AG118M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic

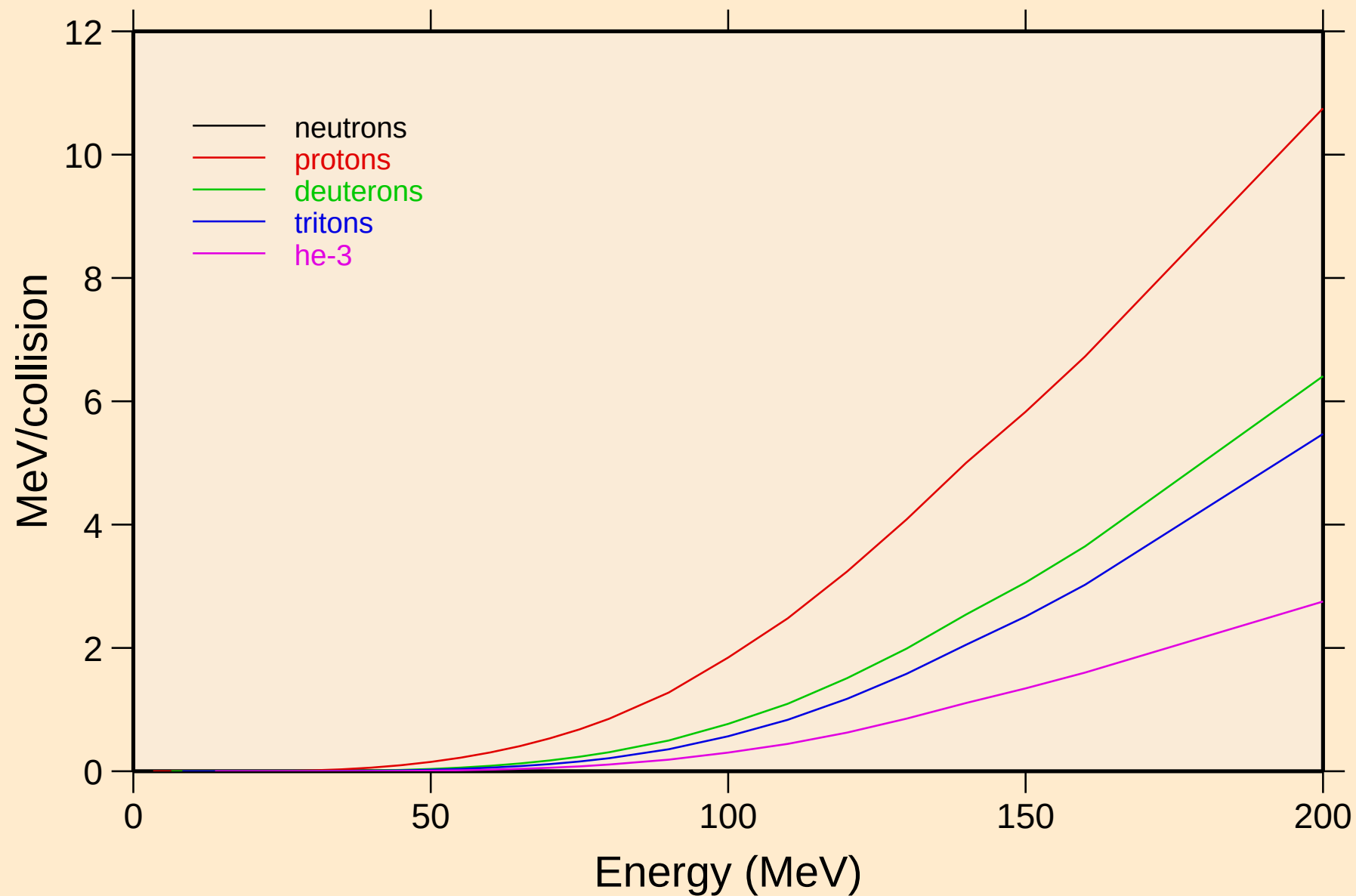


AG118M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



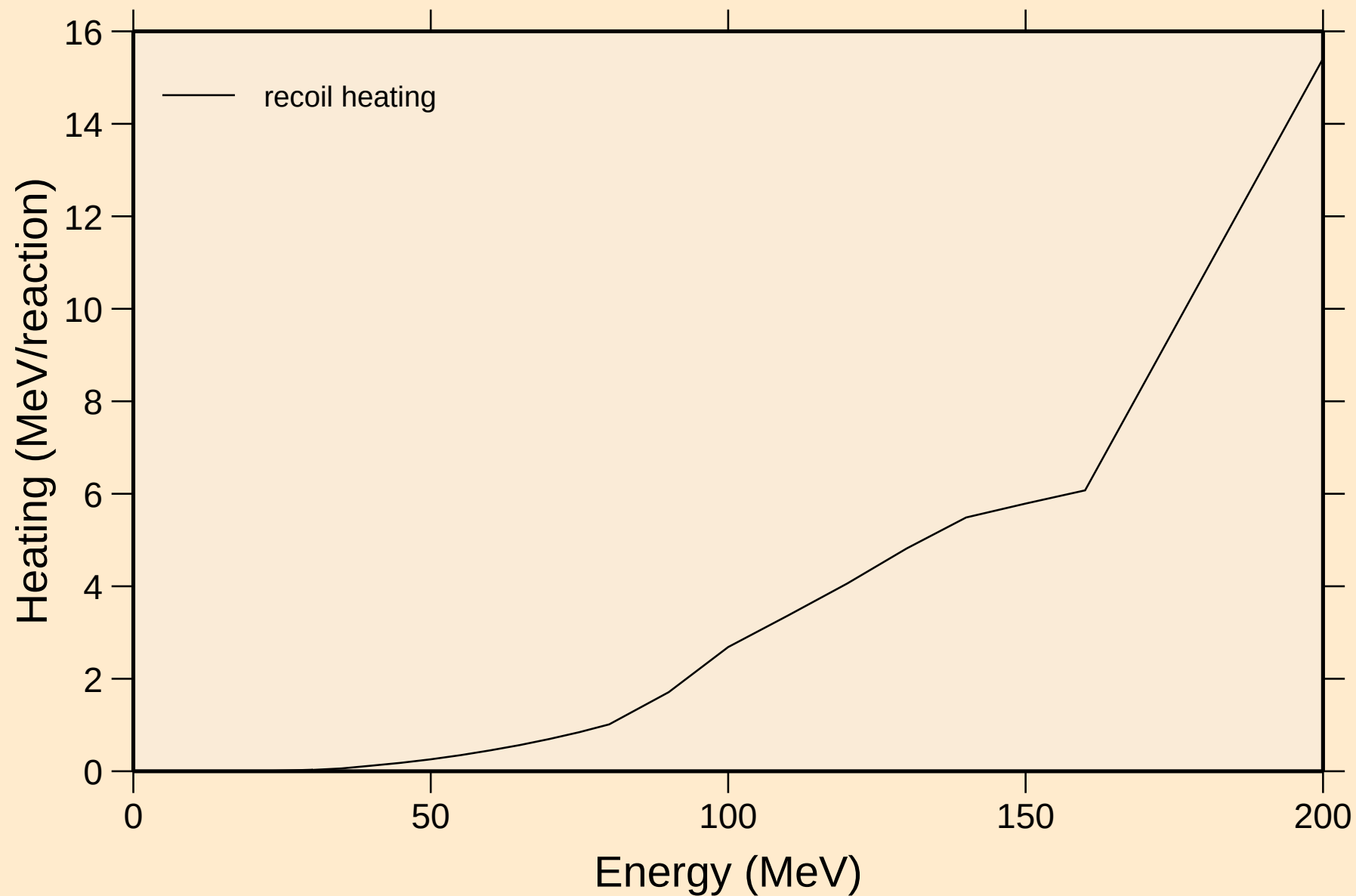
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## Particle heating contributions



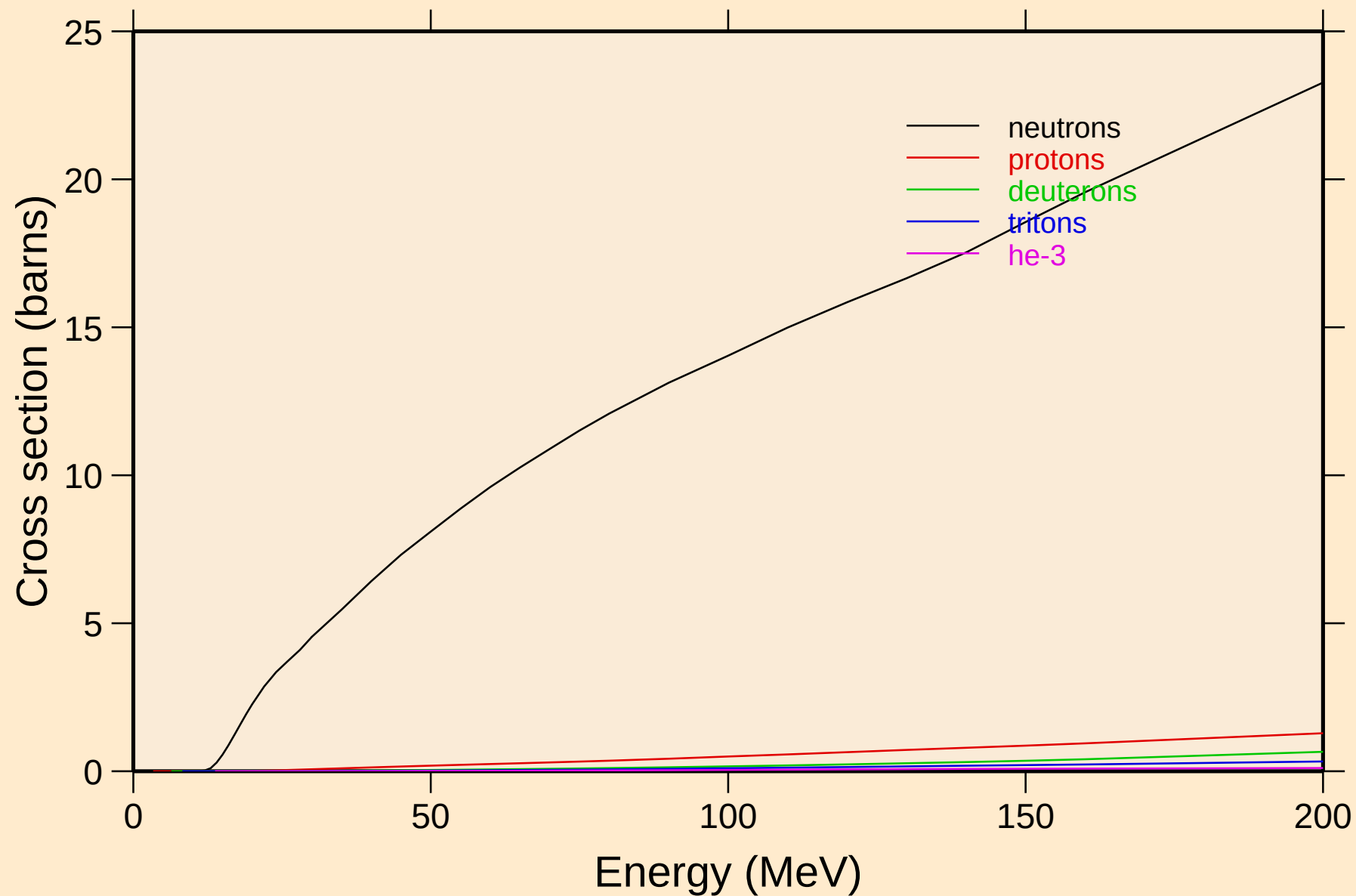
AG118M ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Recoil Heating

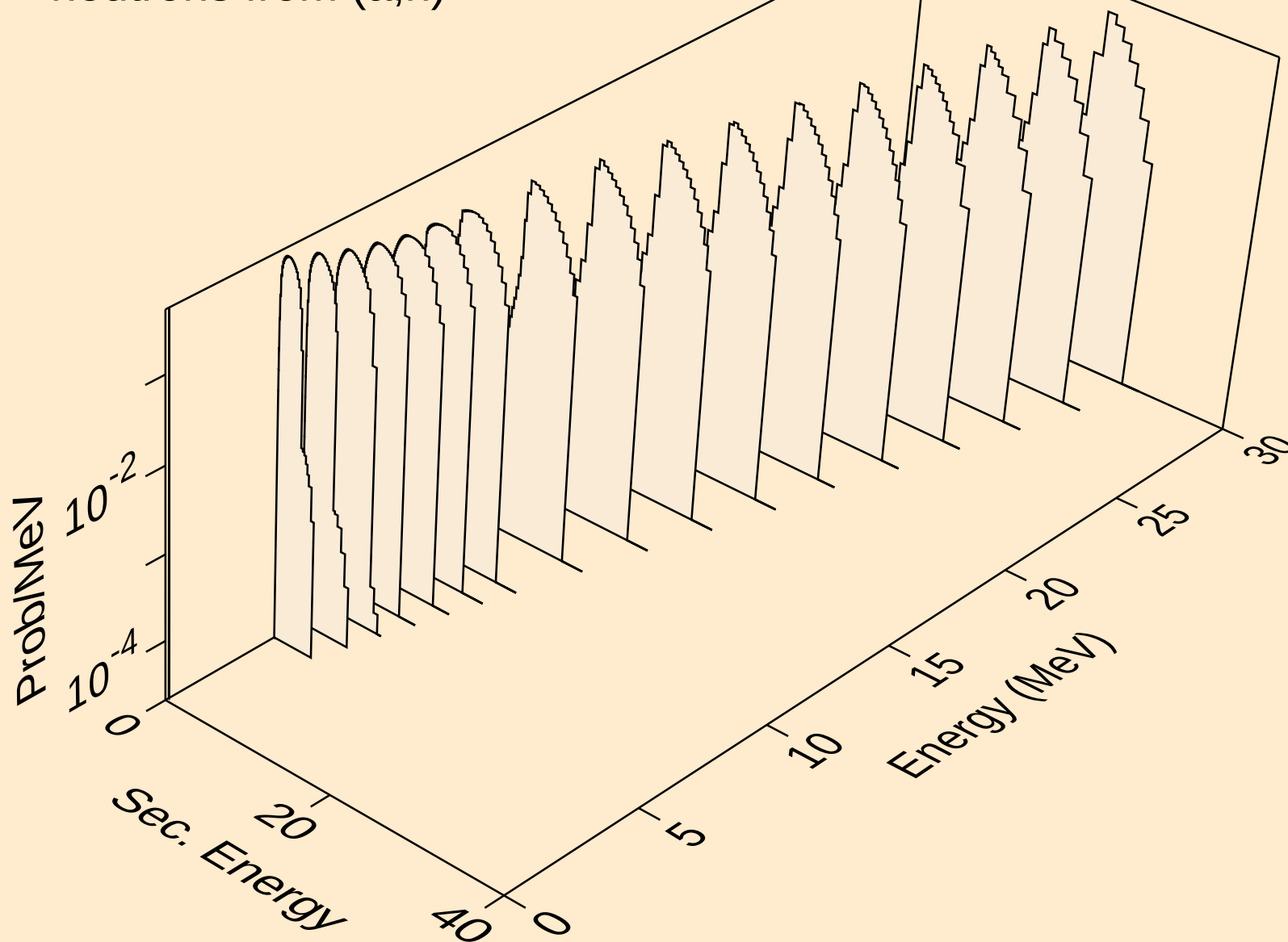


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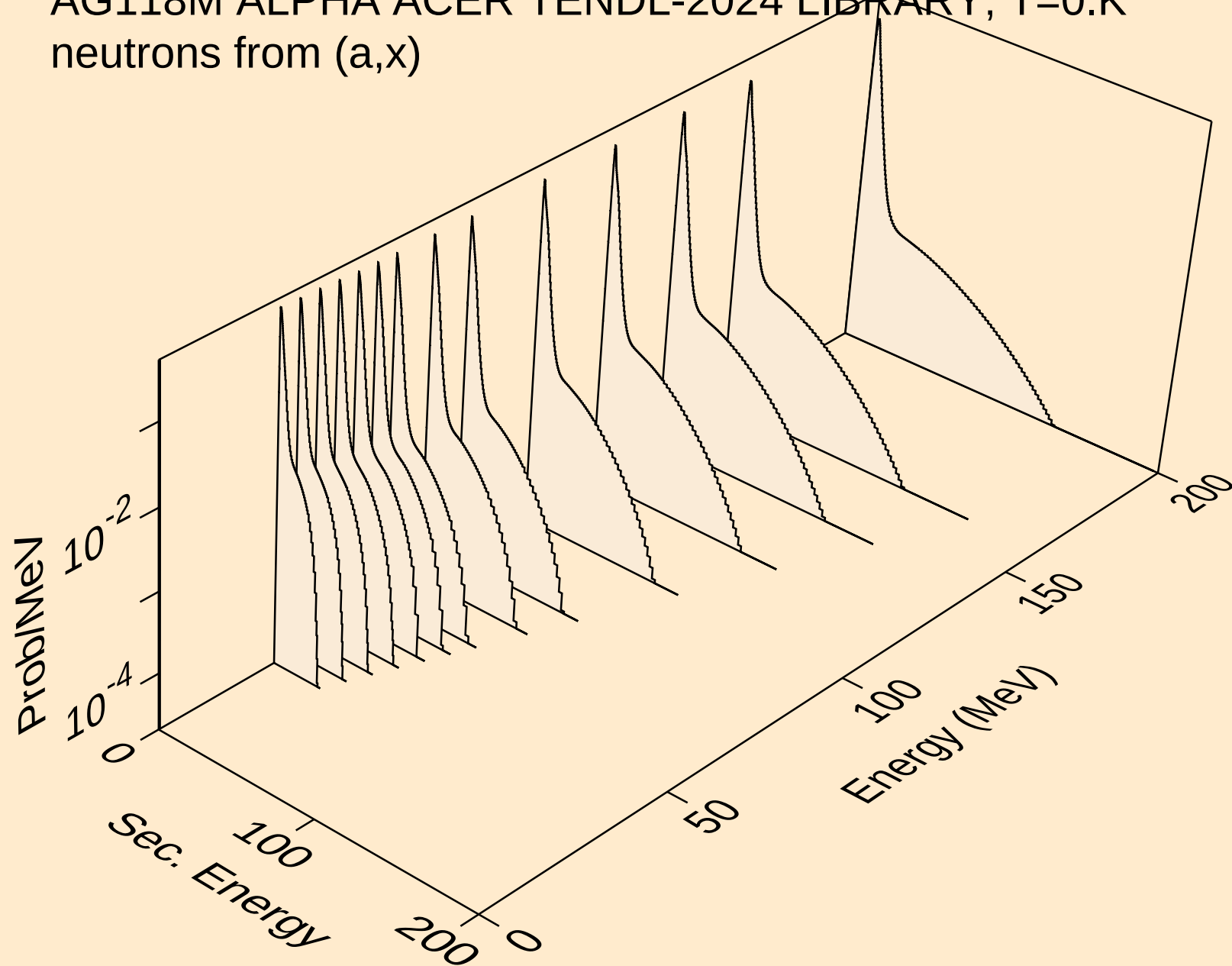
## Particle production cross sections



AG118M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n)

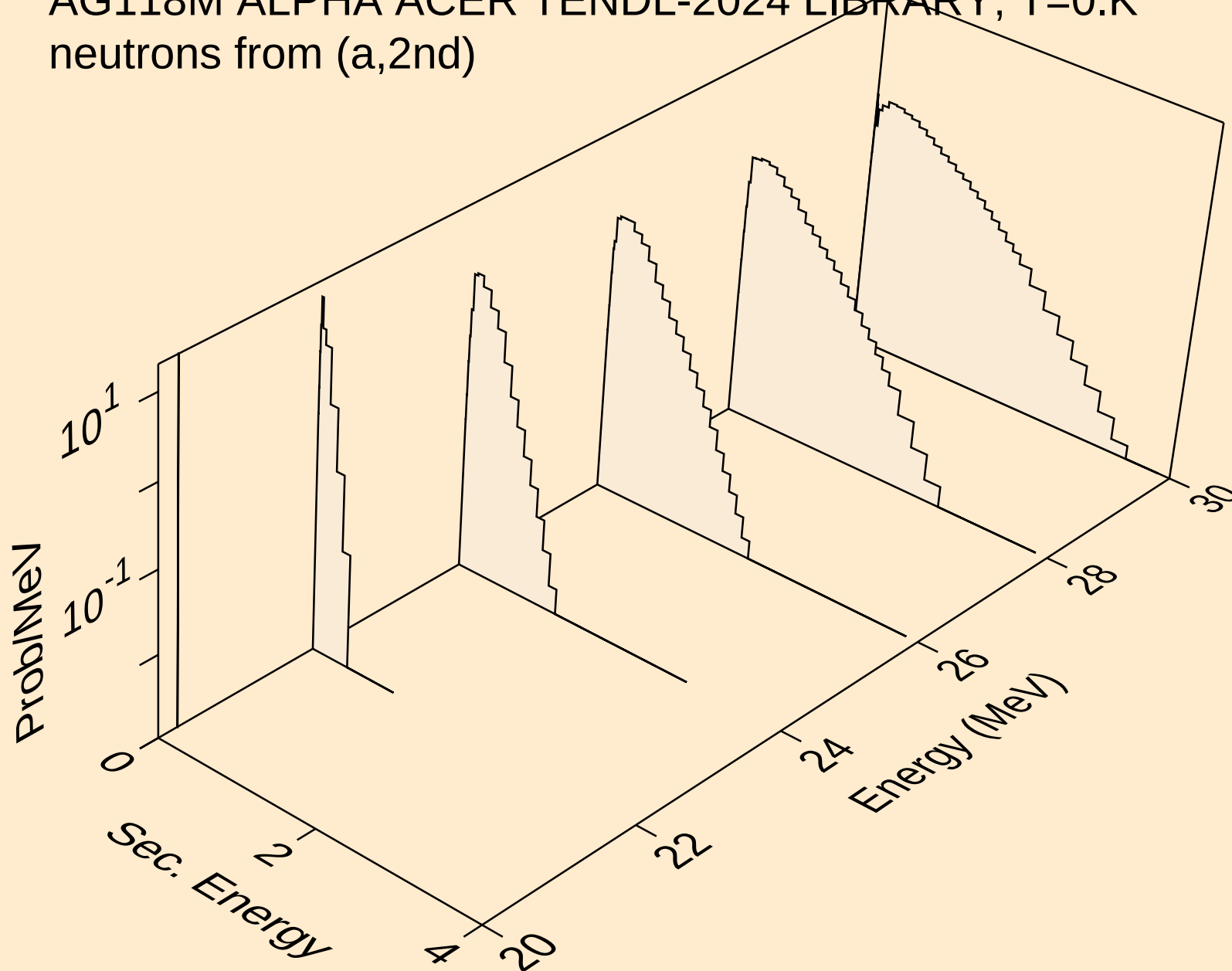


AG118M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,x)

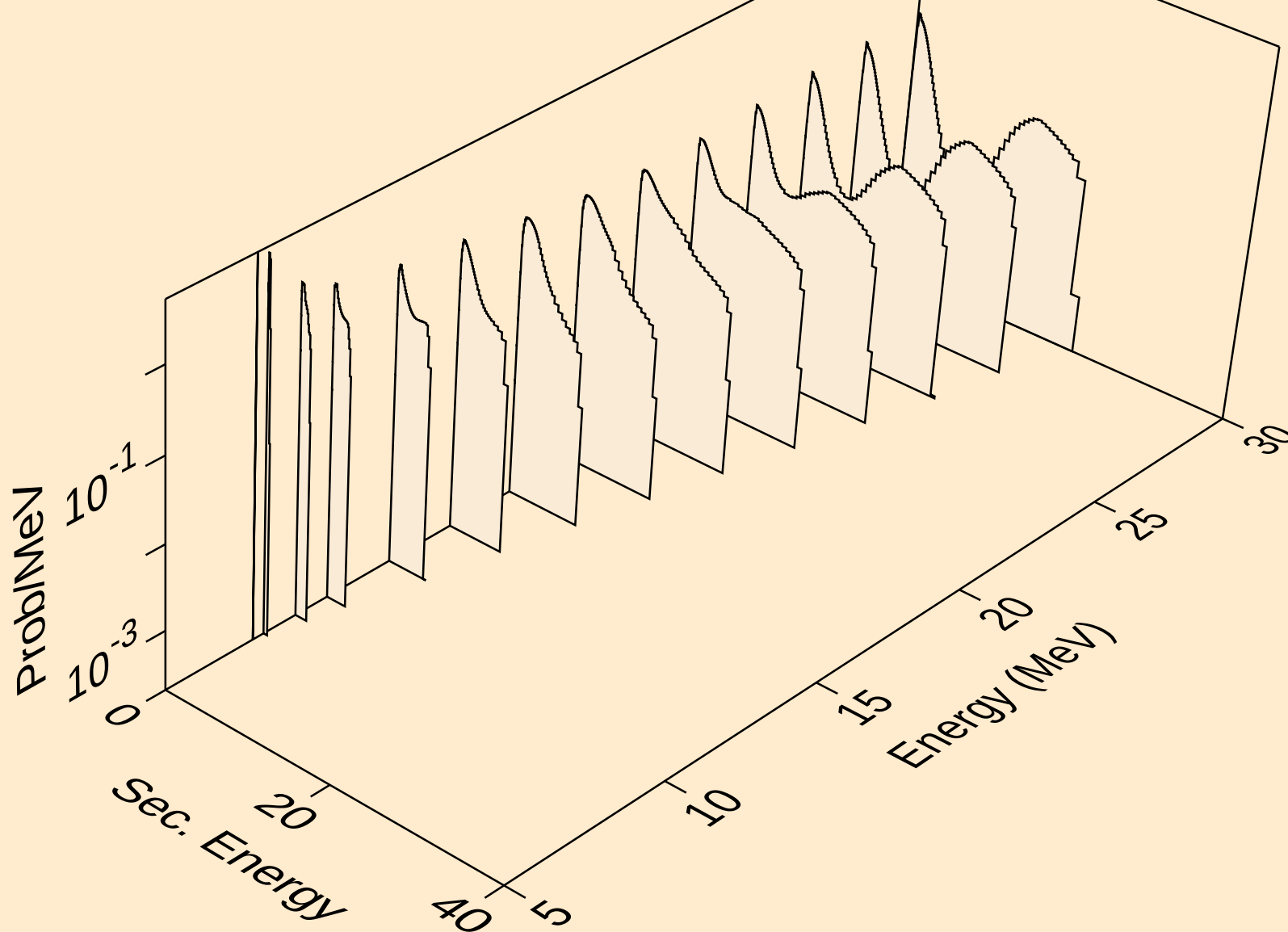




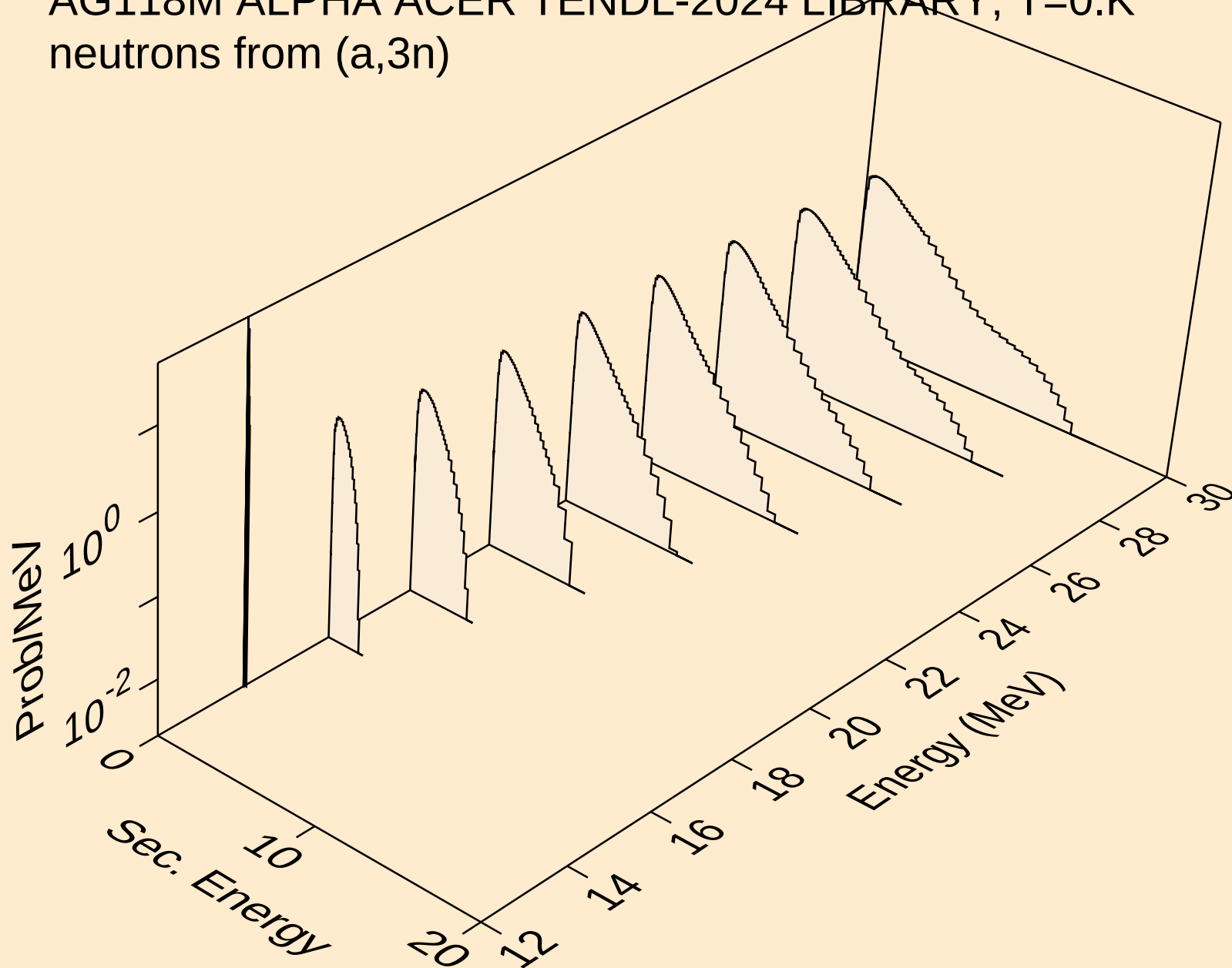
AG118M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,2nd)



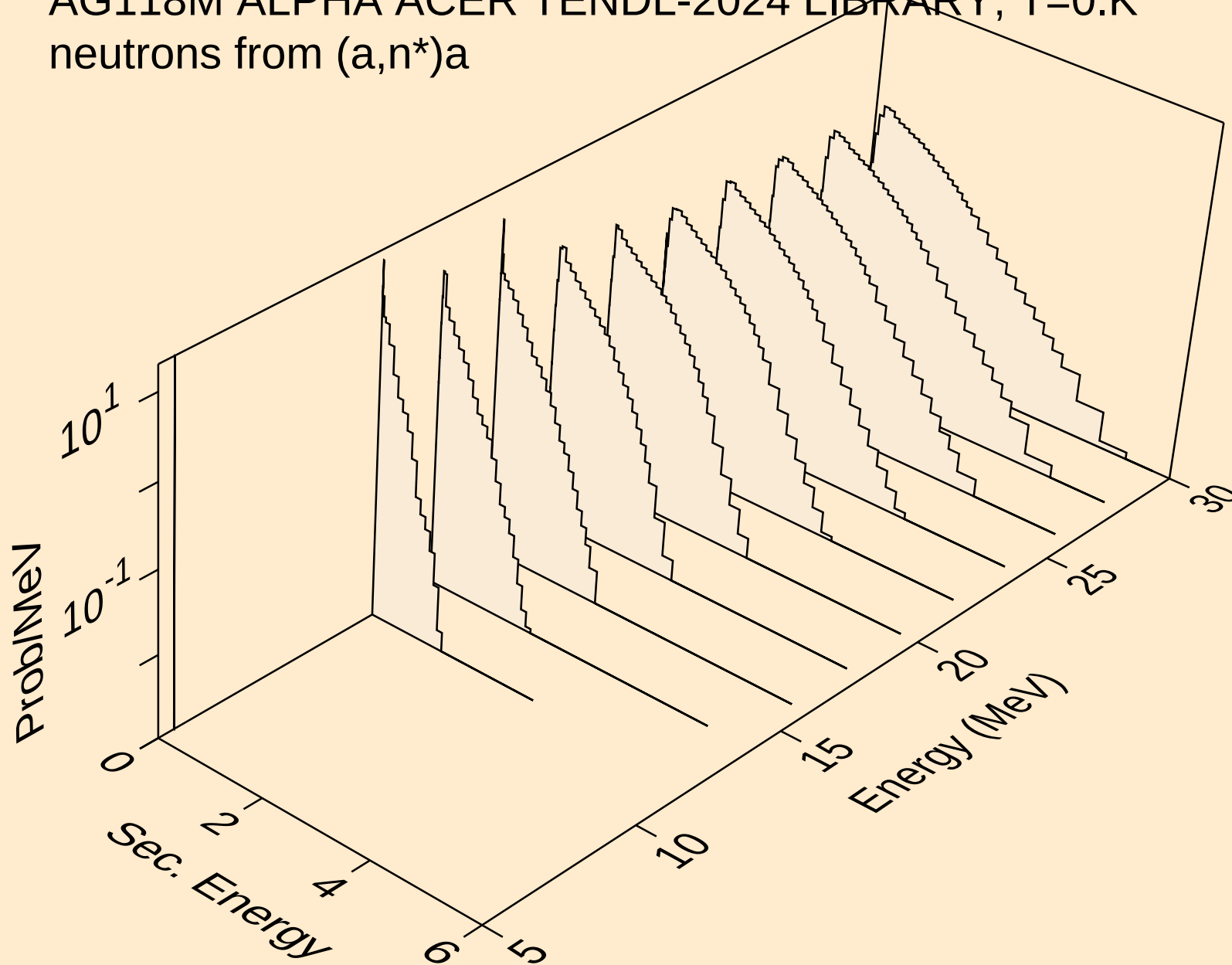
AG118M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,2n)



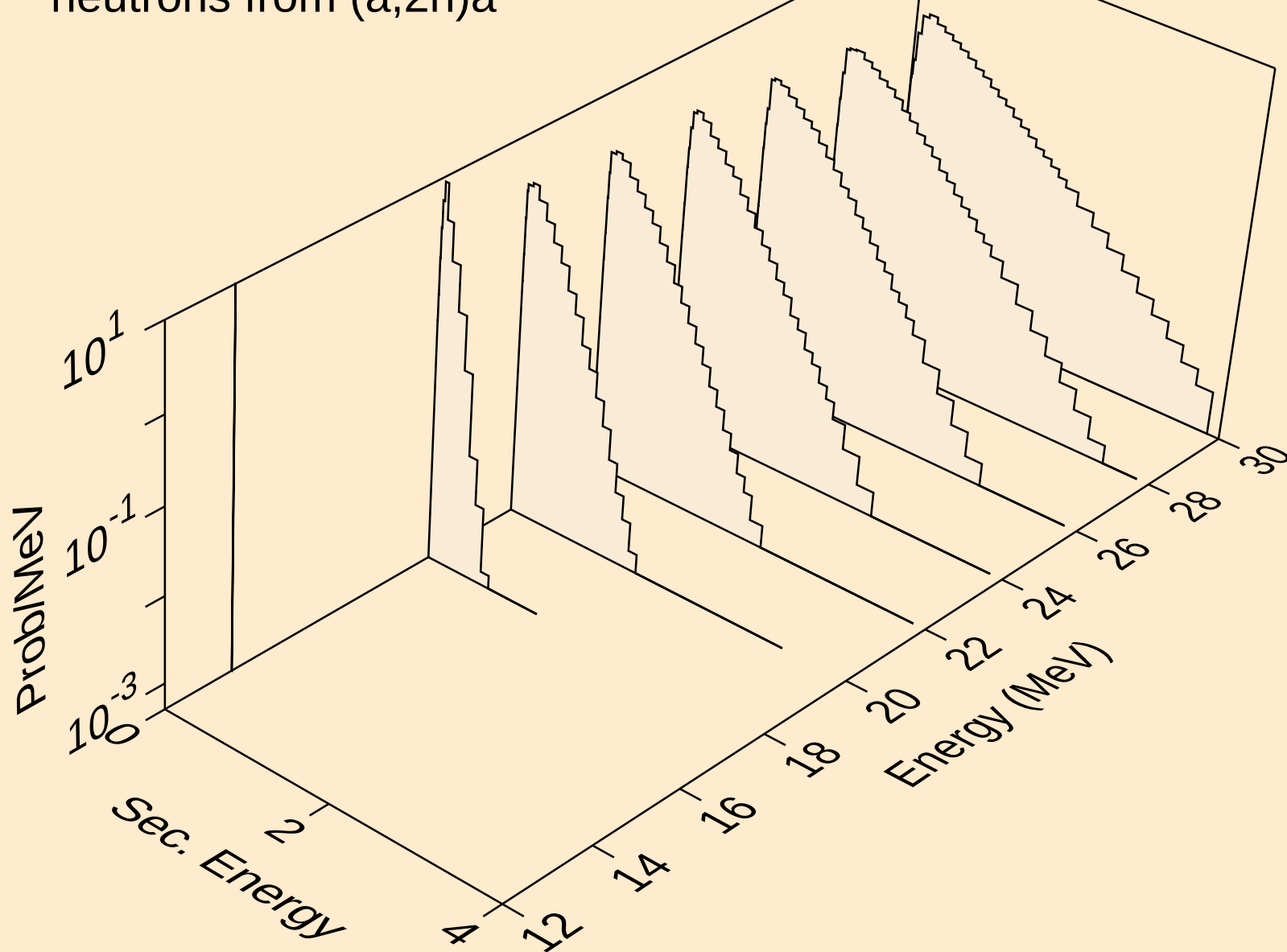
AG118M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,3n)



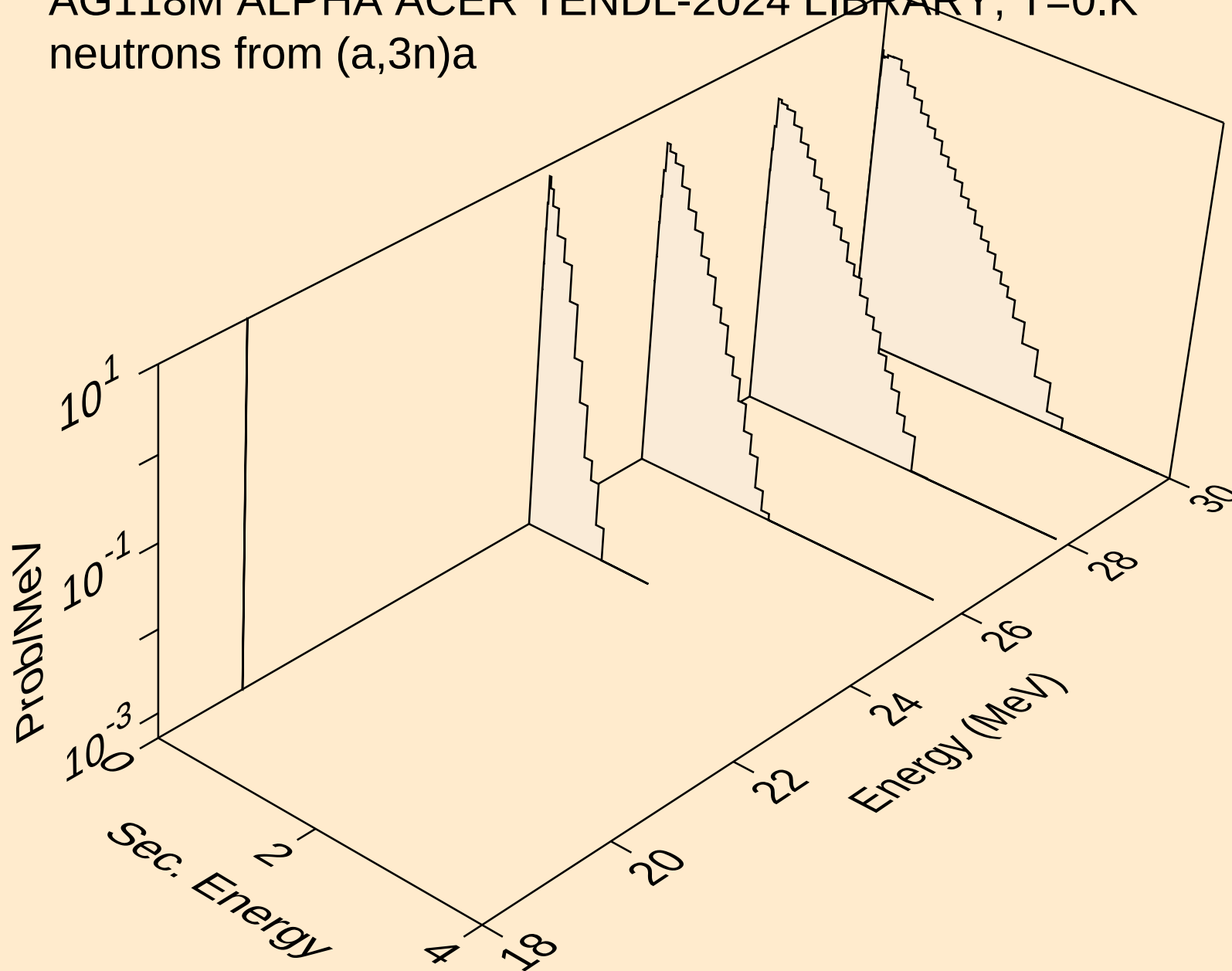
AG118M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)a



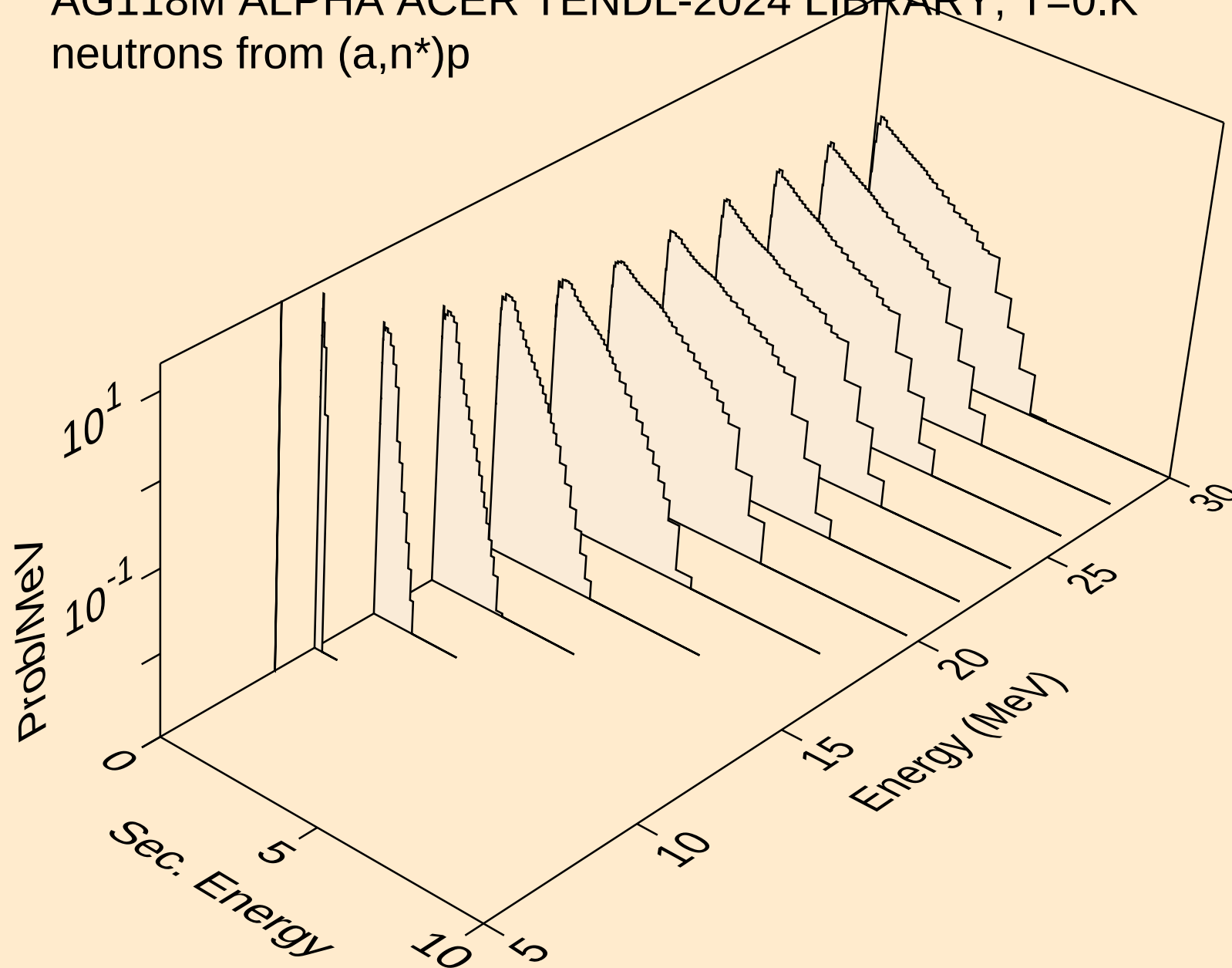
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neutrons from (a,2n)a



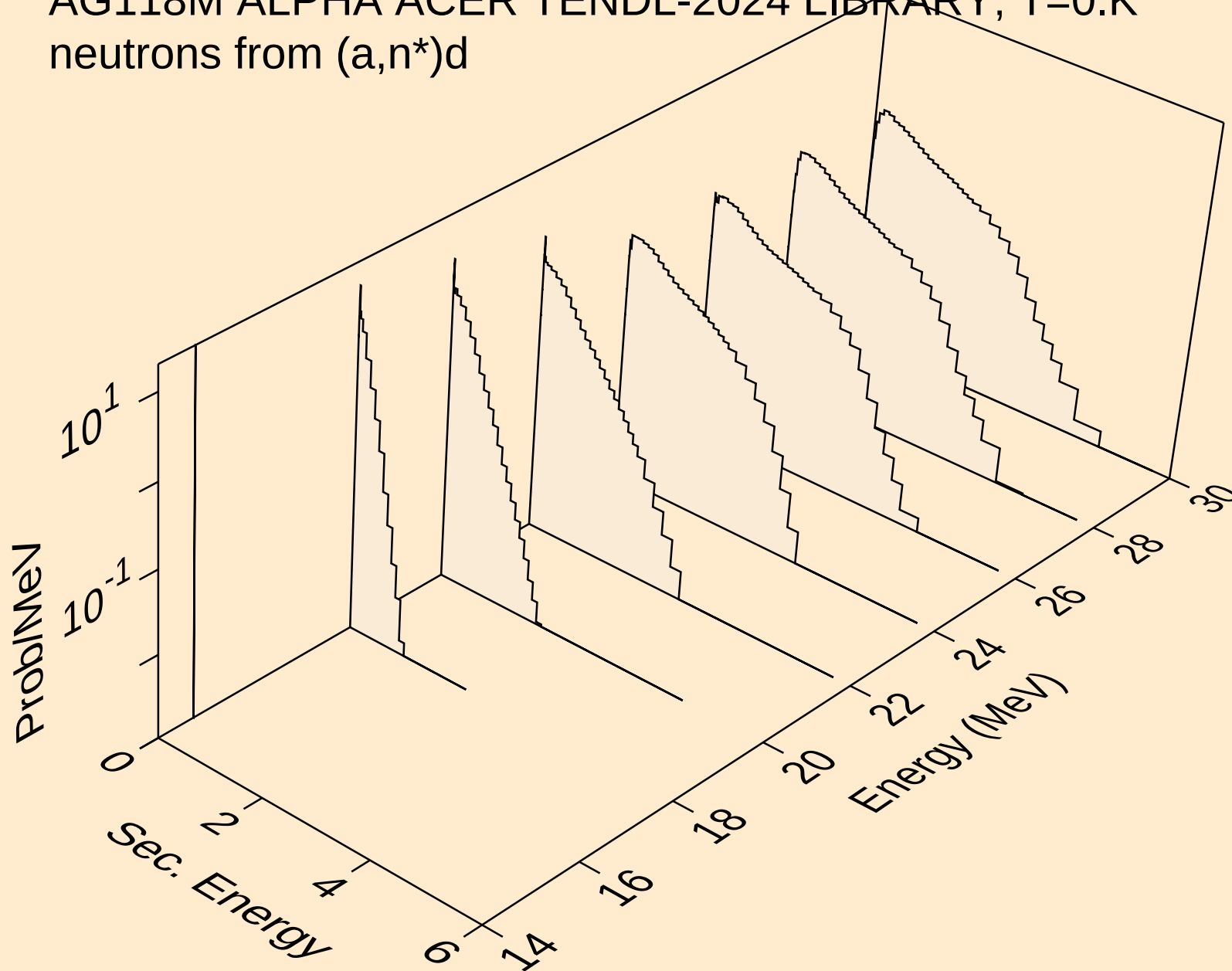
AG118M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,3n)a



AG118M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)p

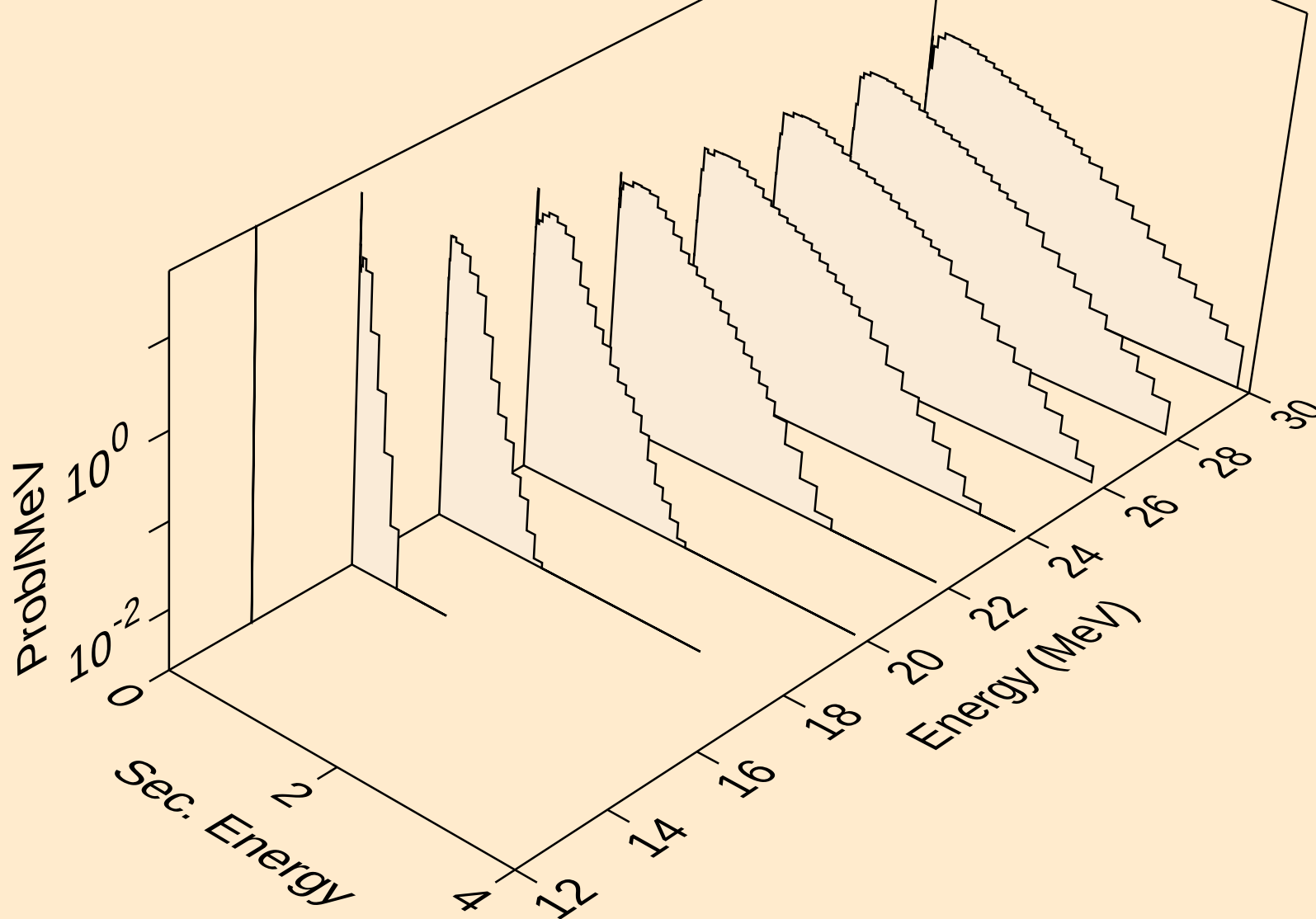


AG118M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)d

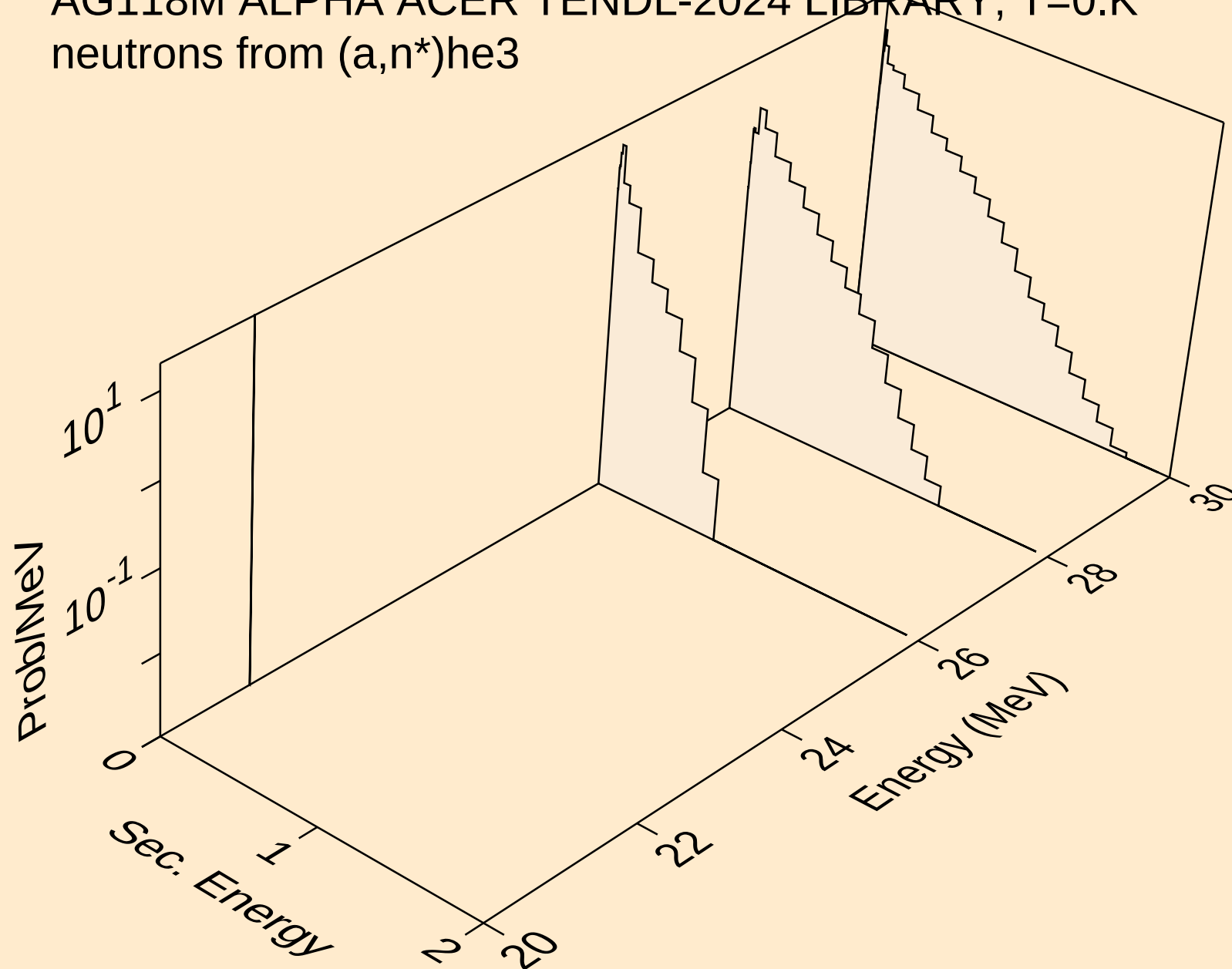




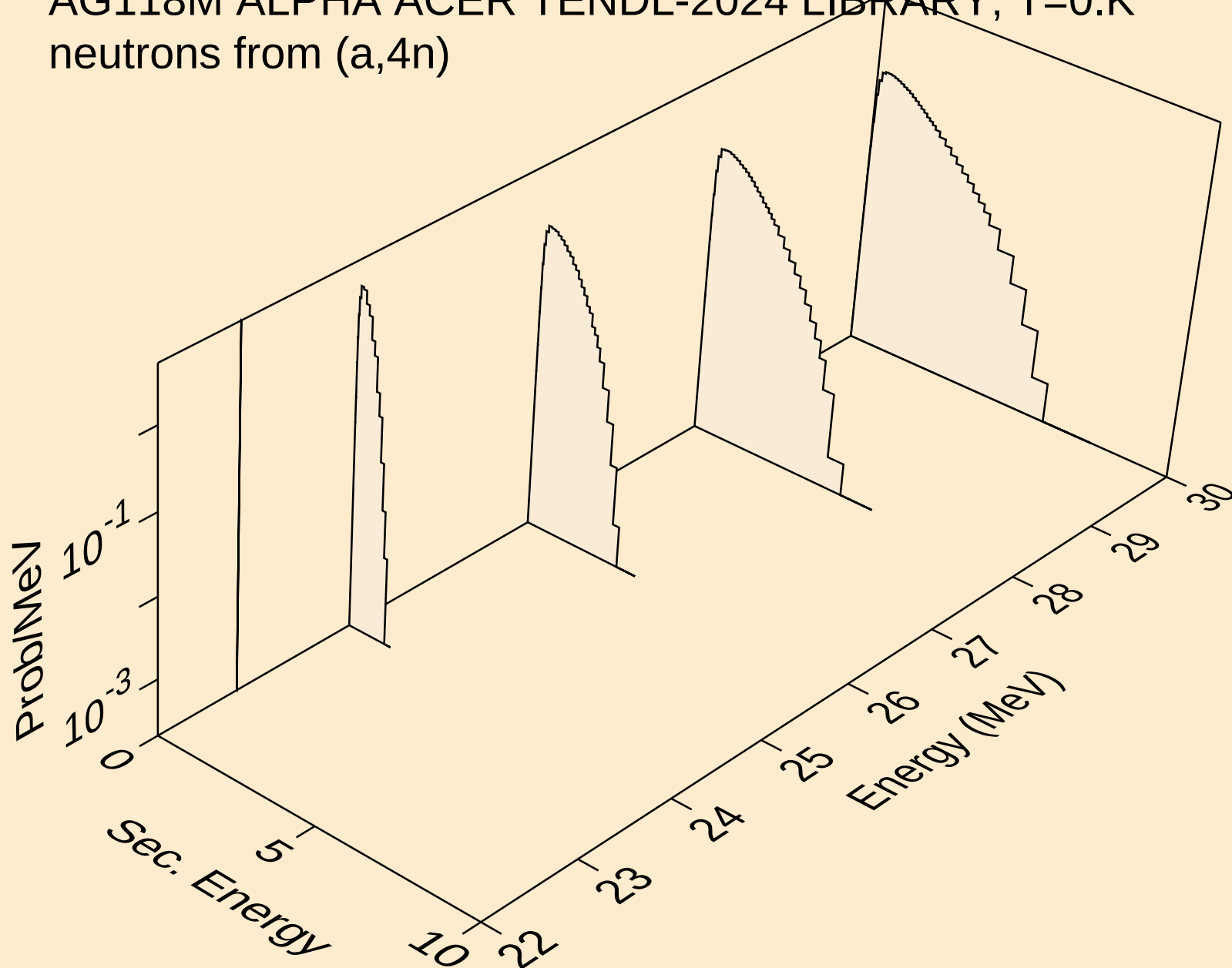
AG118M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)t



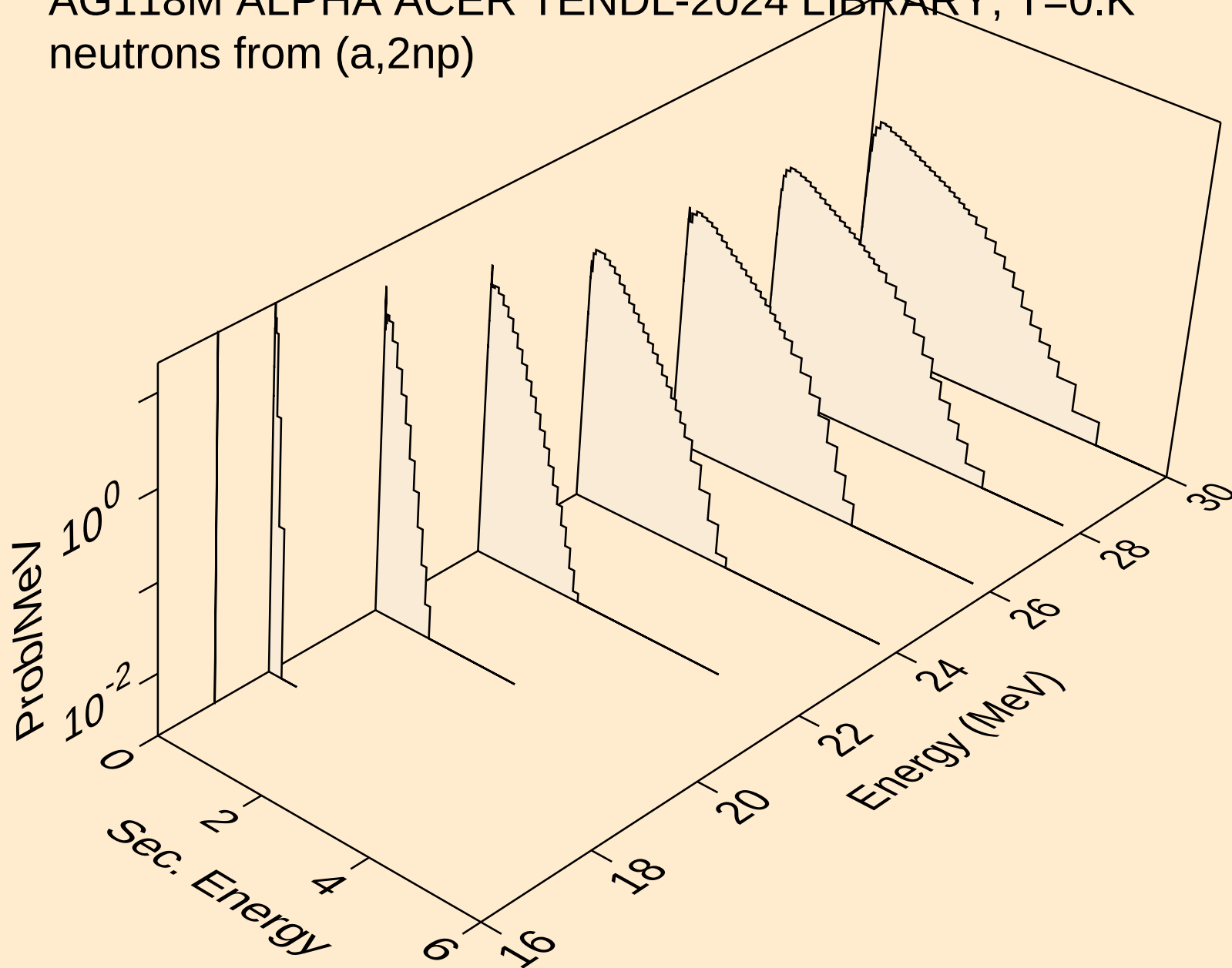
AG118M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)he3



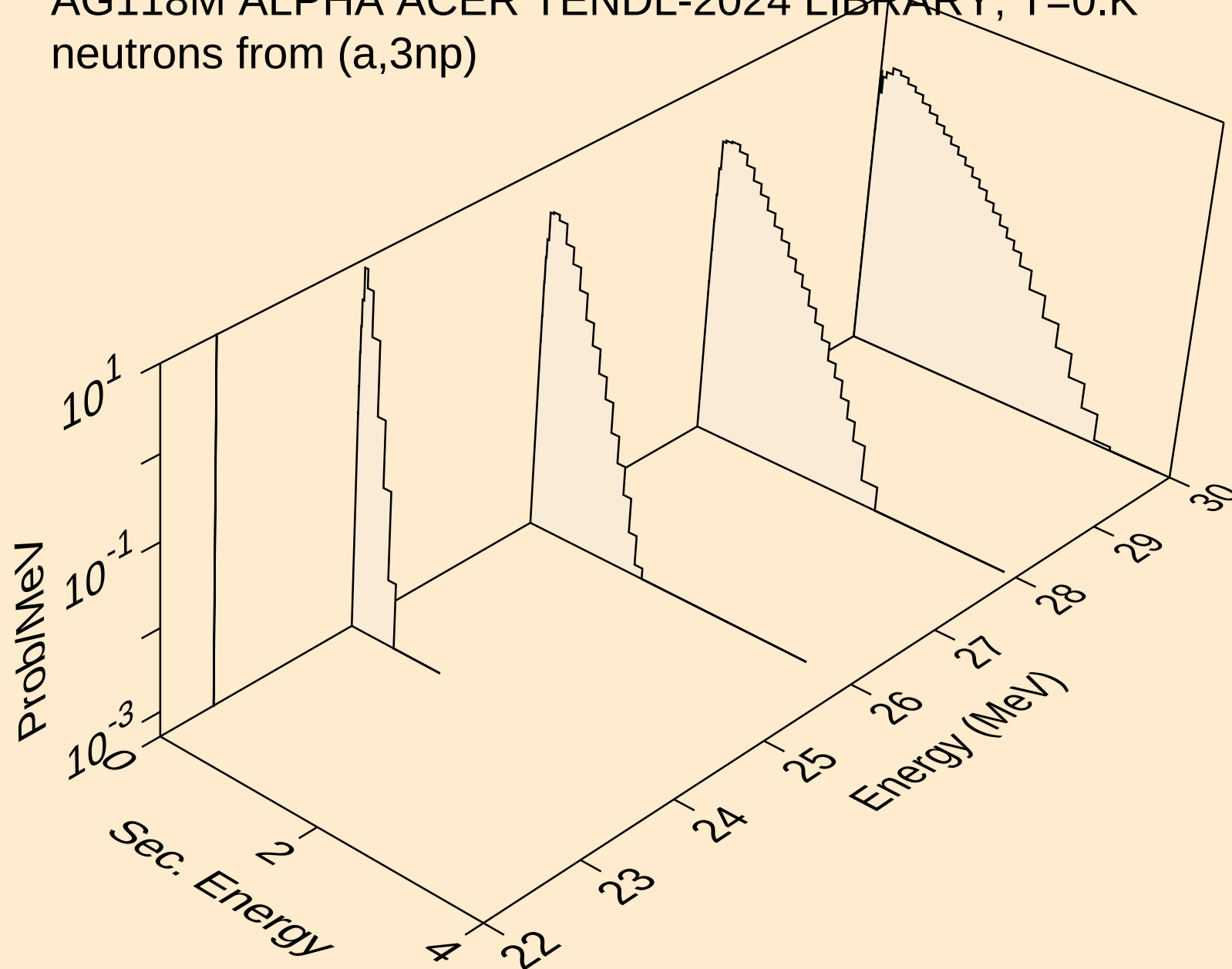
AG118M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,4n)



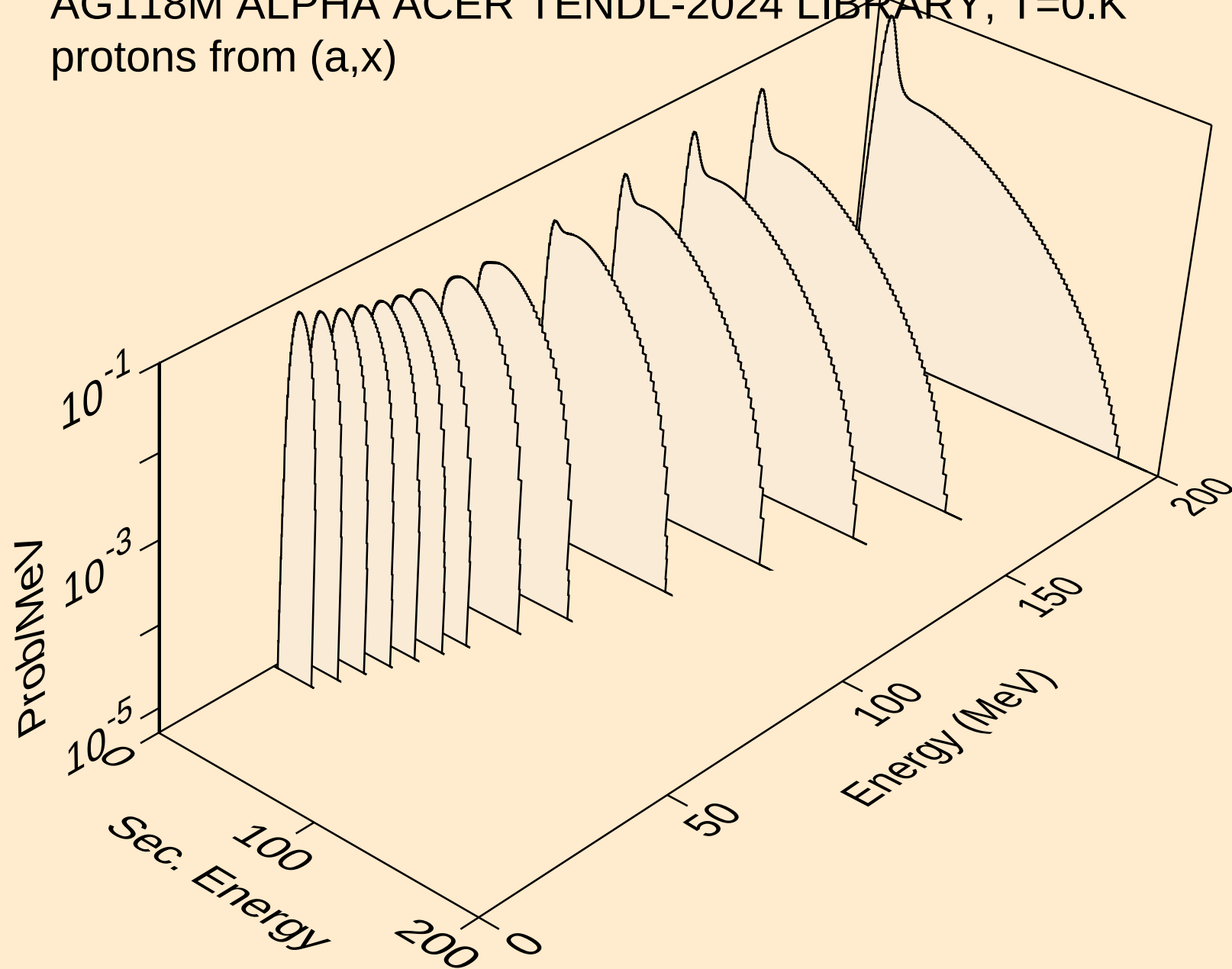
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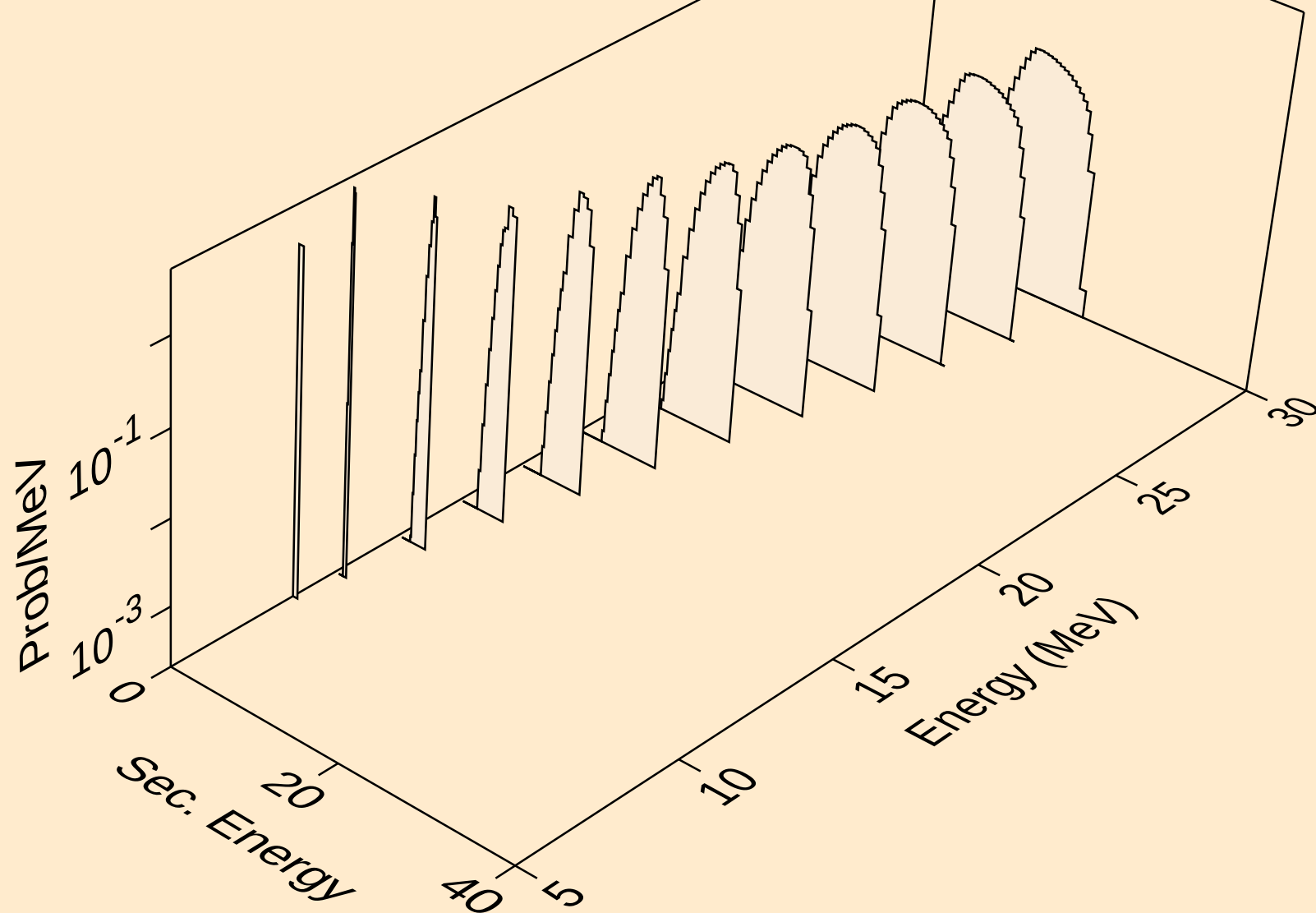
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neutrons from (a,3np)



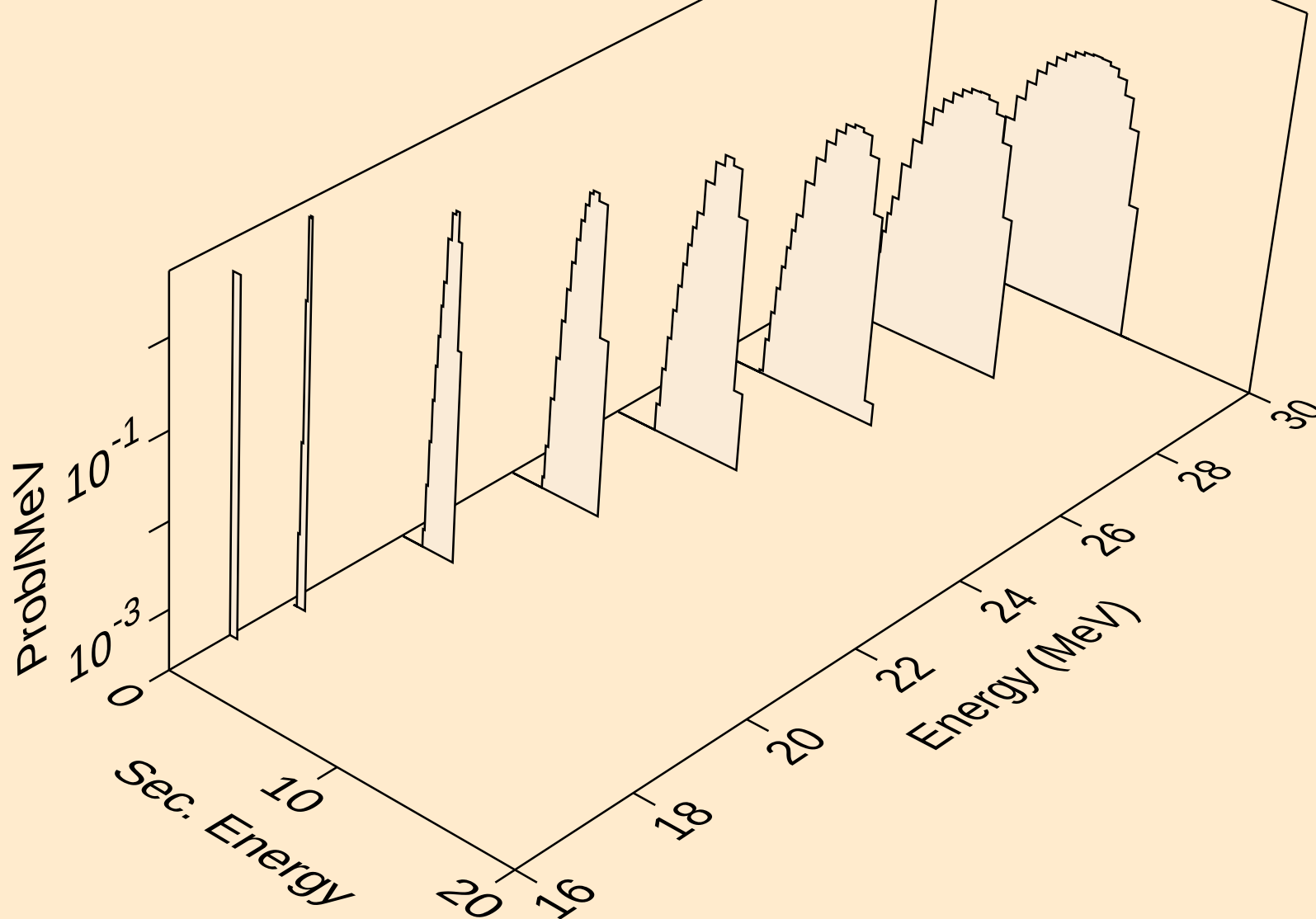
AG118M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,x)



AG118M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,n\*)p

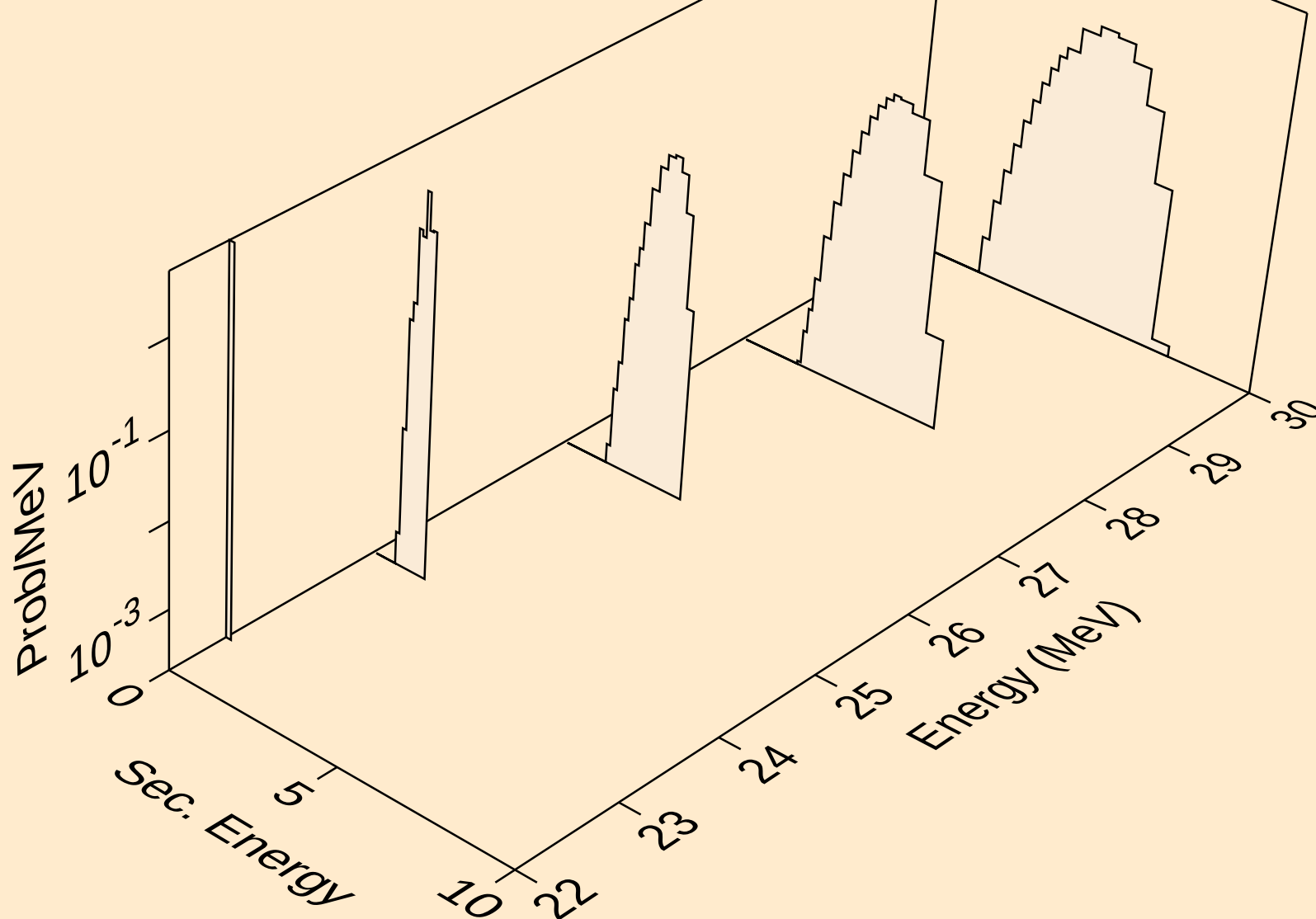


AG118M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,2np)

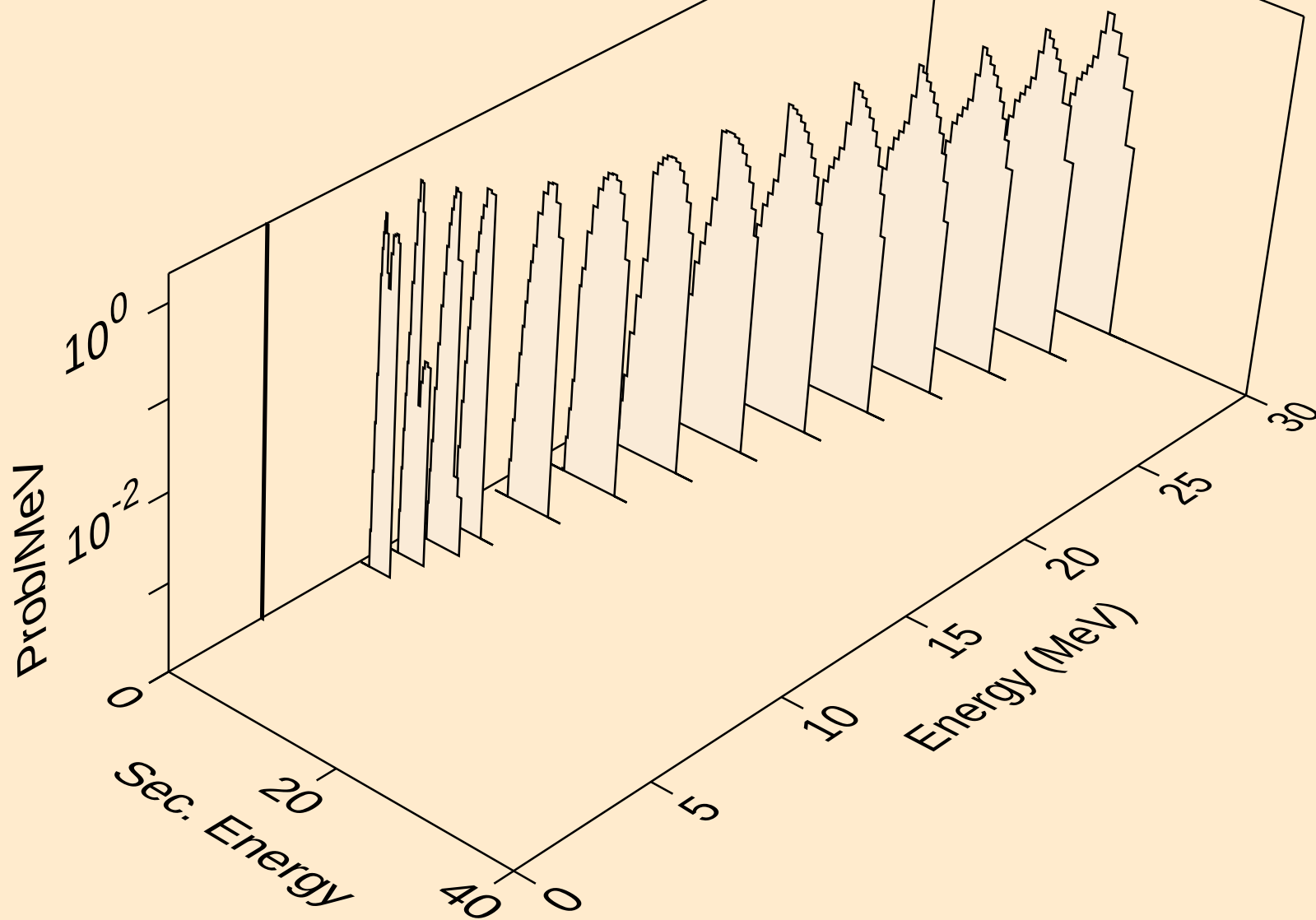




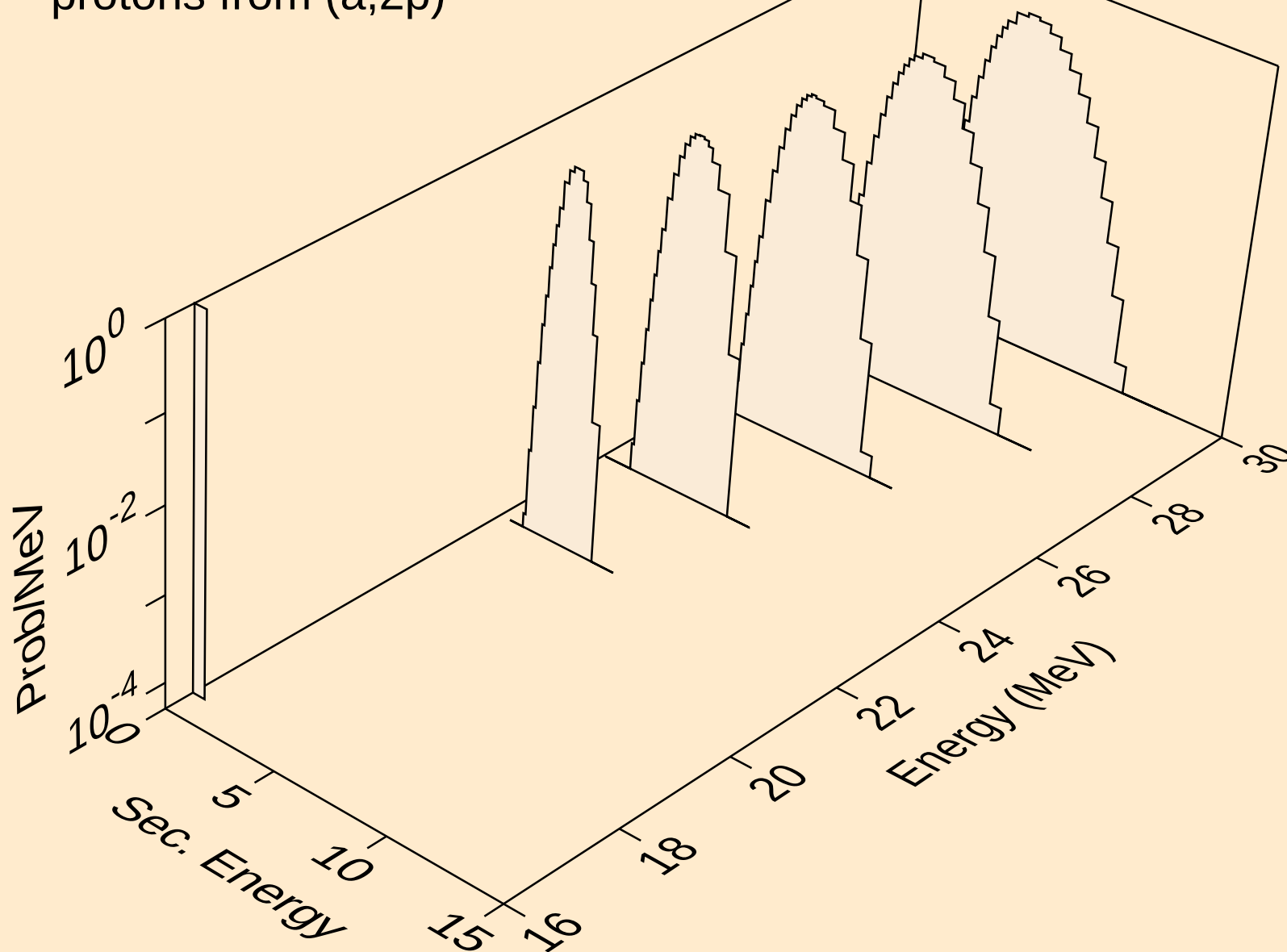
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protons from (a,3np)



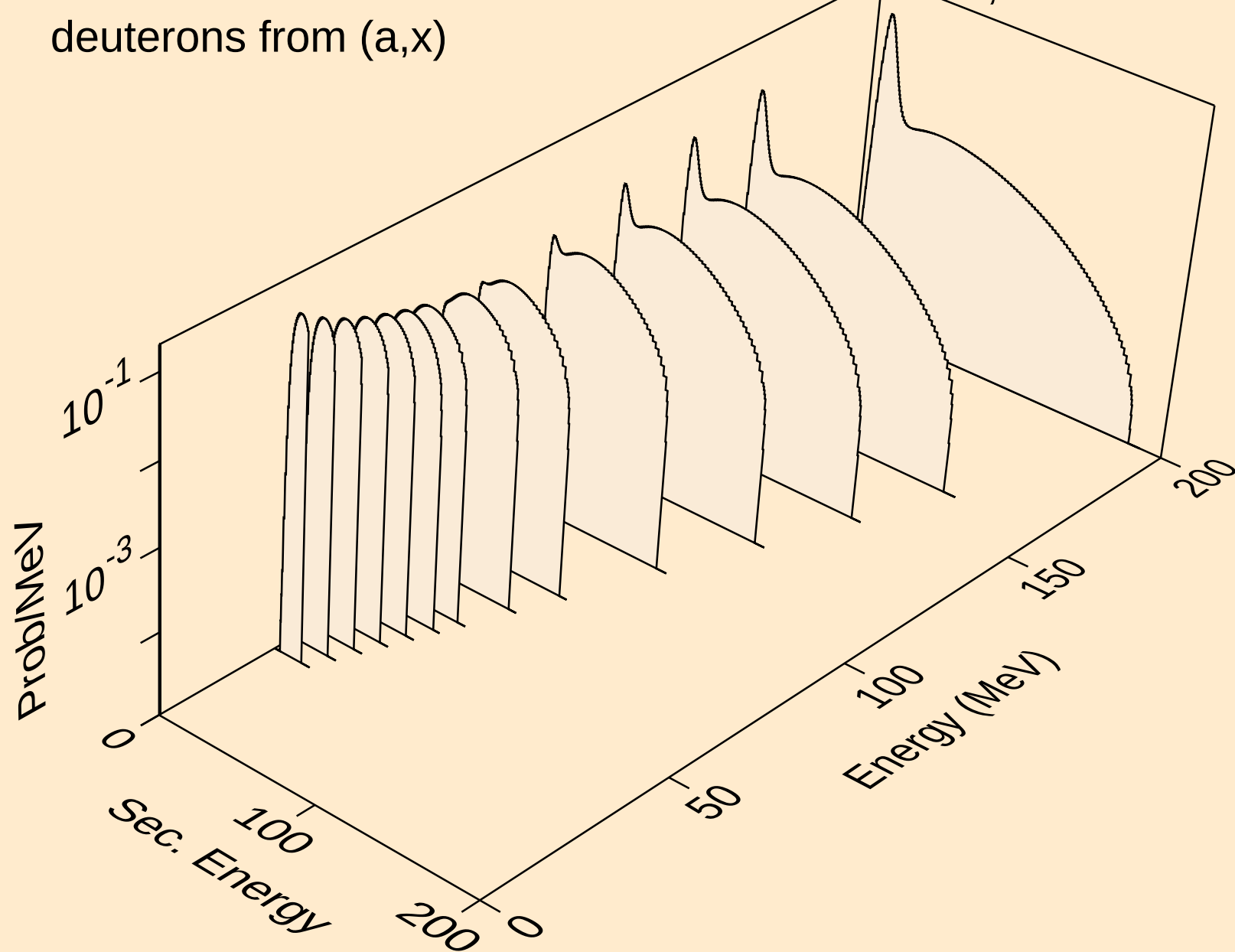
AG118M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,p)



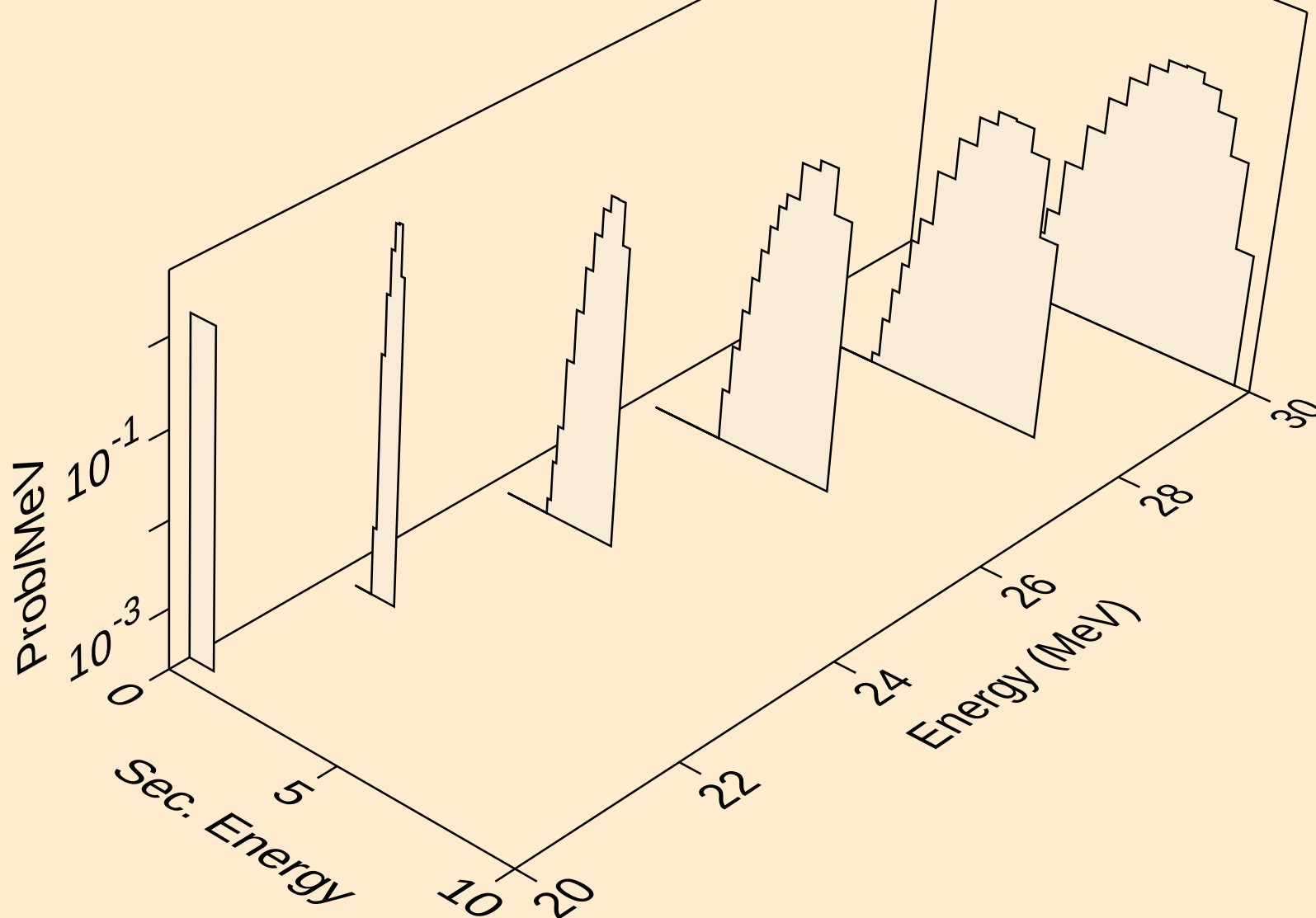
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protons from (a,2p)



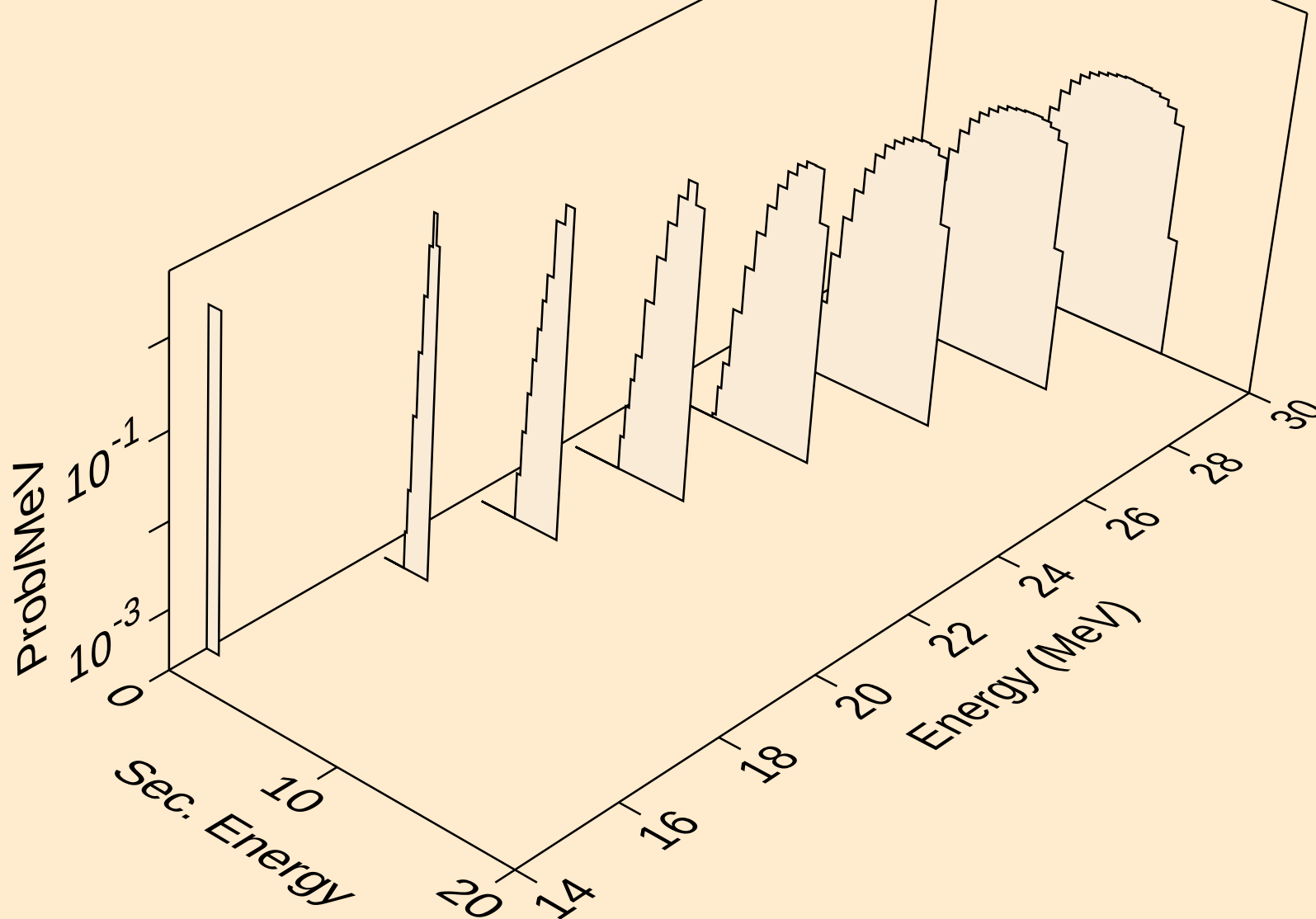
AG118M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (a,x)



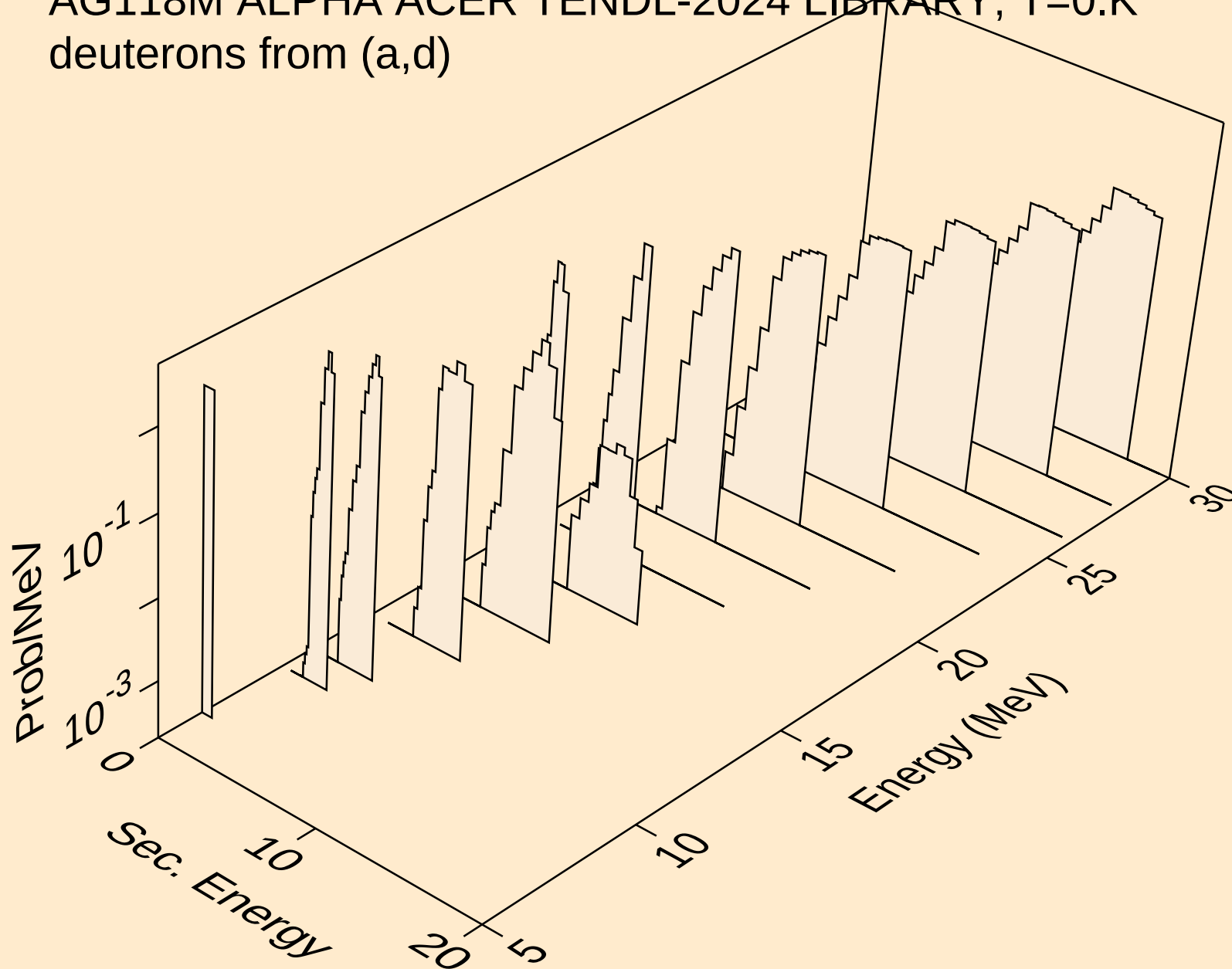
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deuterons from (a,2nd)



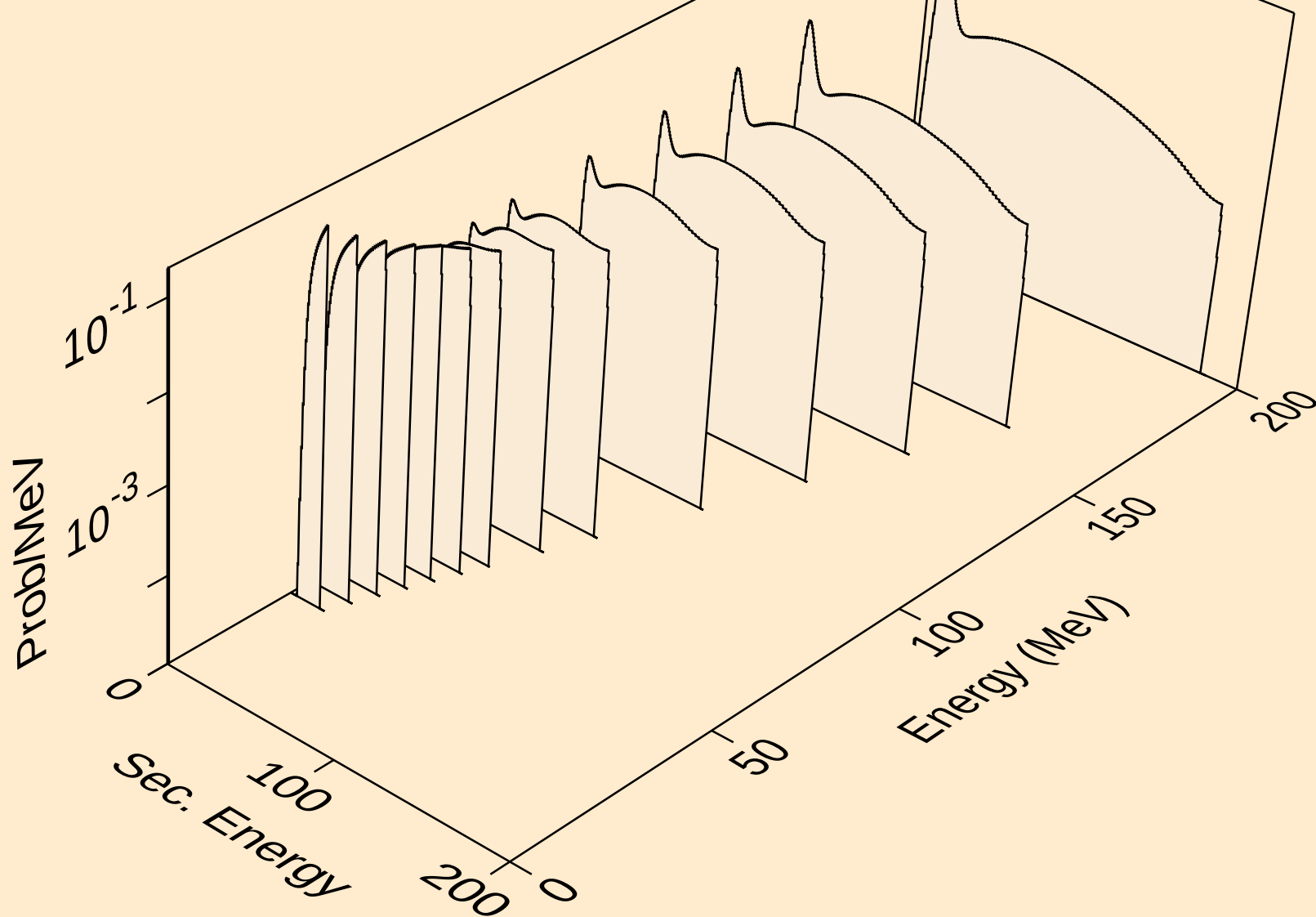
AG118M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (a,n\*)d



AG118M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (a,d)

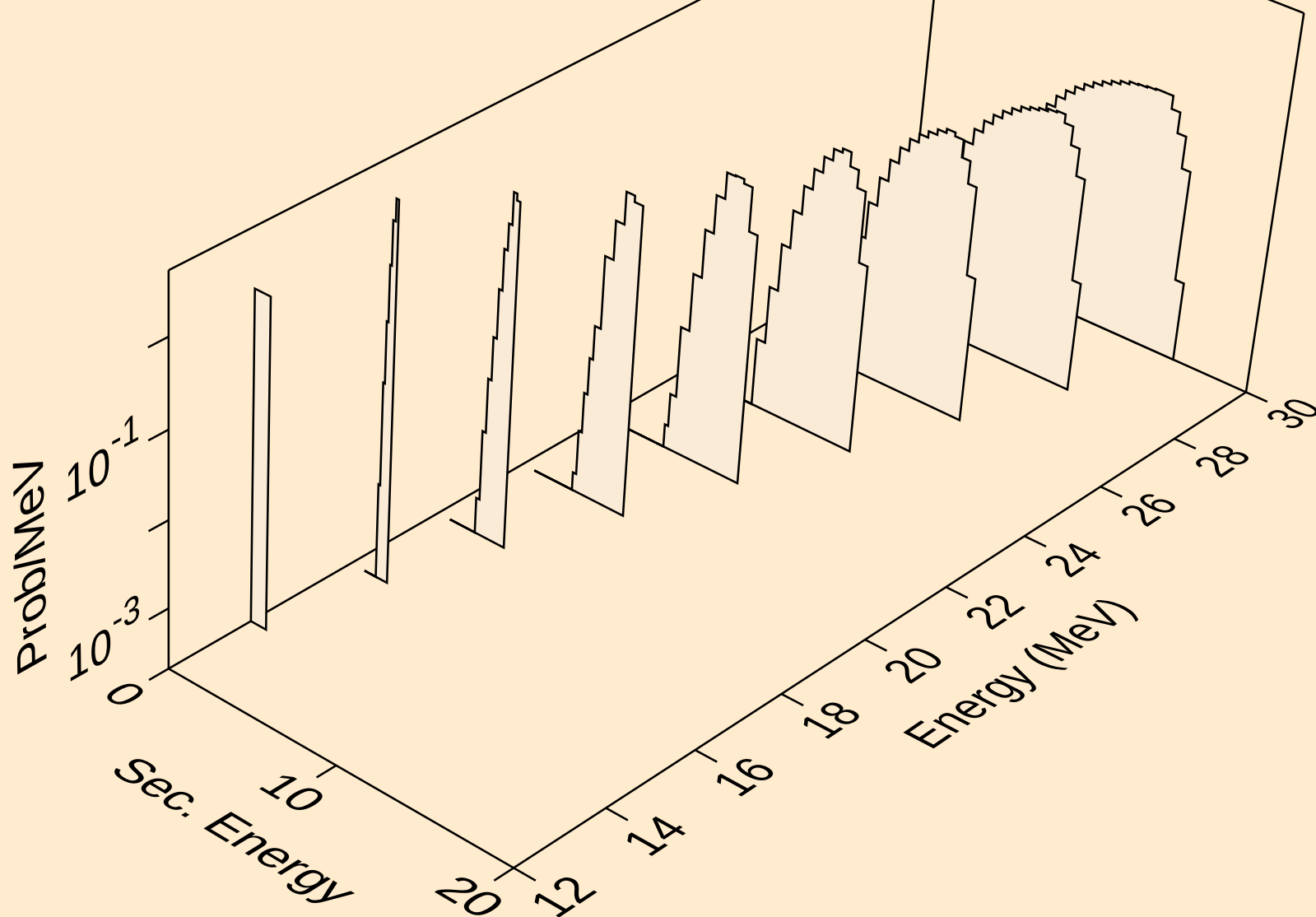


AG118M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,x)

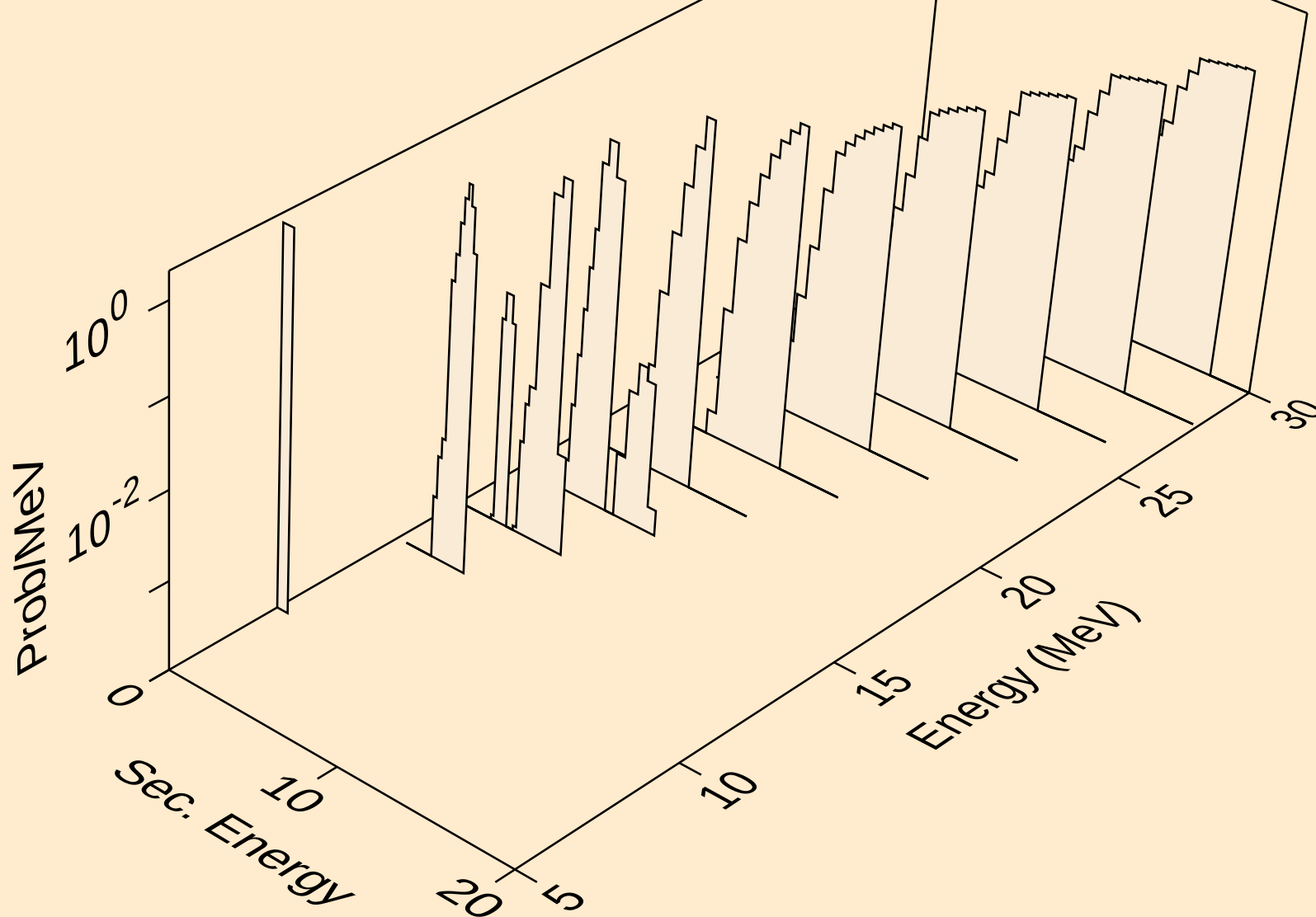




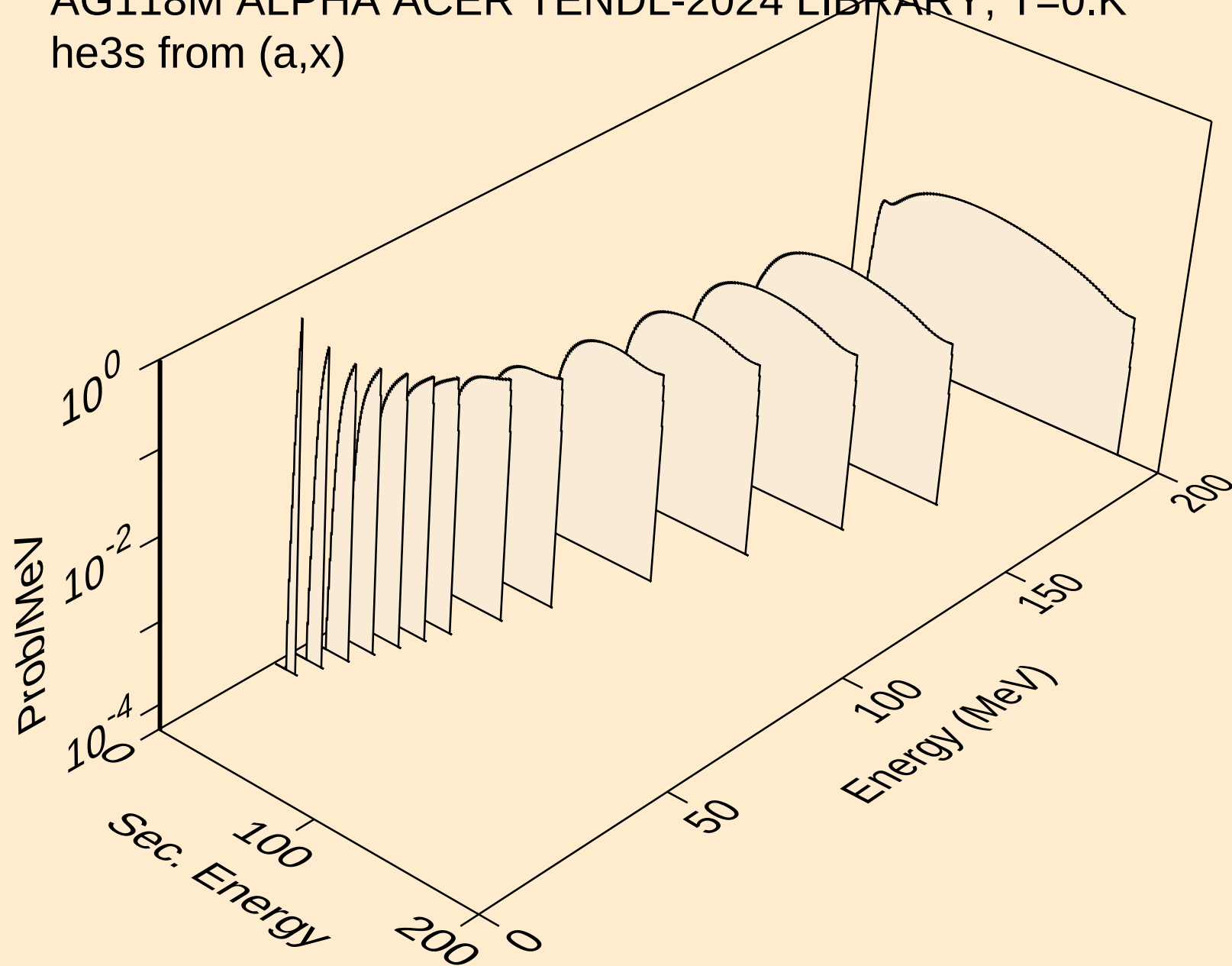
AG118M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,n\*)t



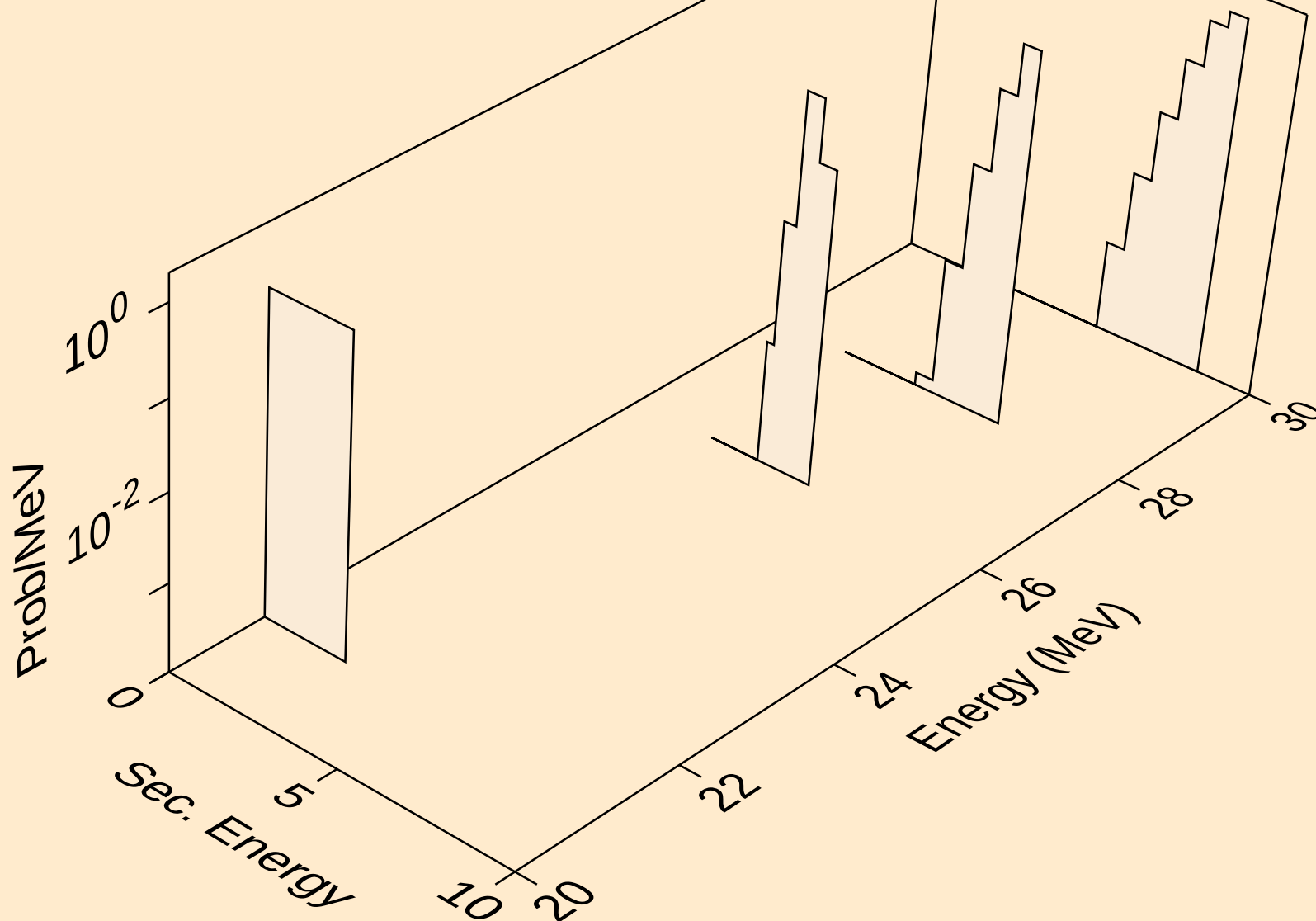
AG118M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,t)



AG118M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (a,x)



AG118M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (a,n\*)he3



AG118M ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (a,he3)

