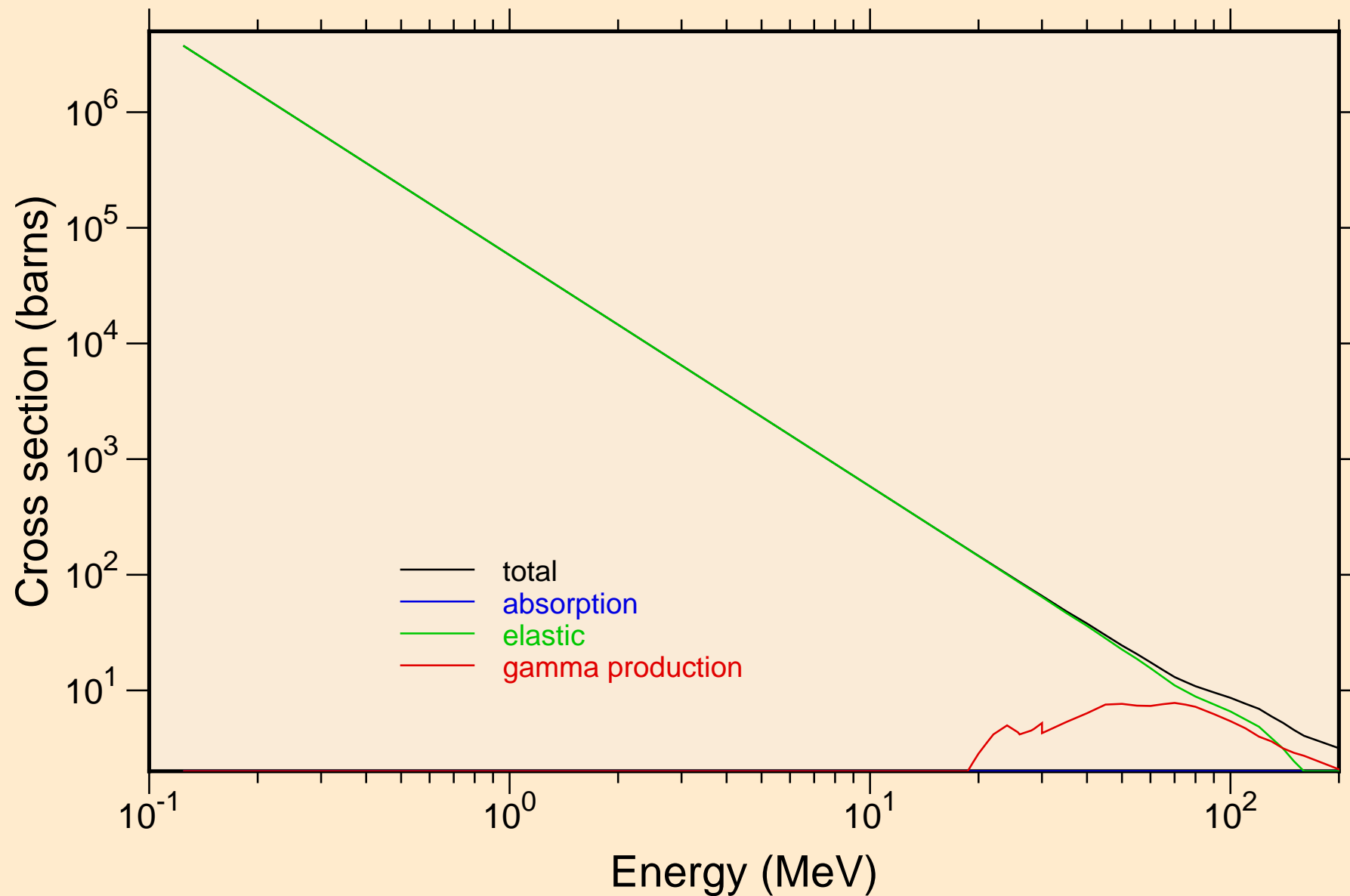


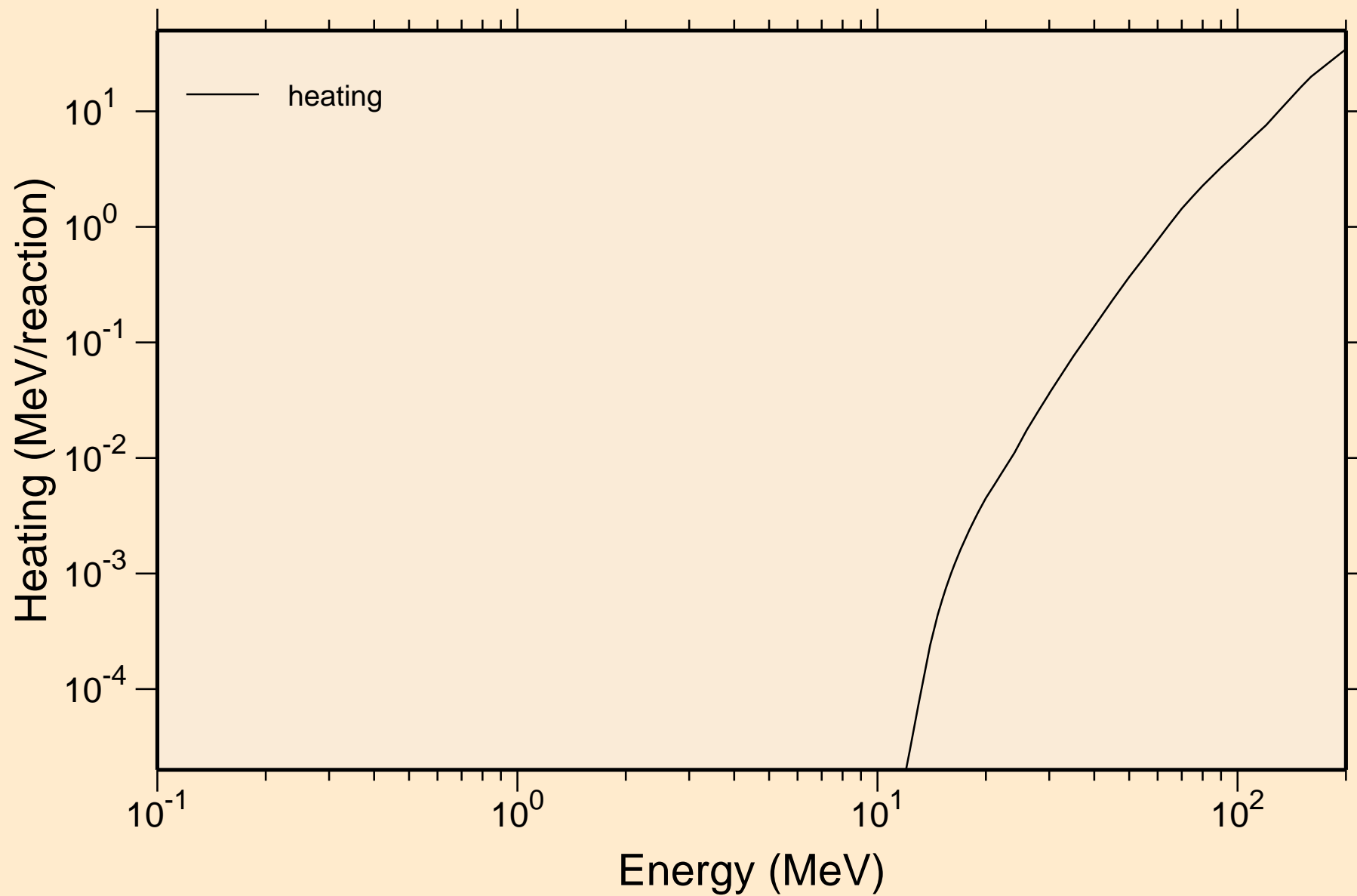
# AG113 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



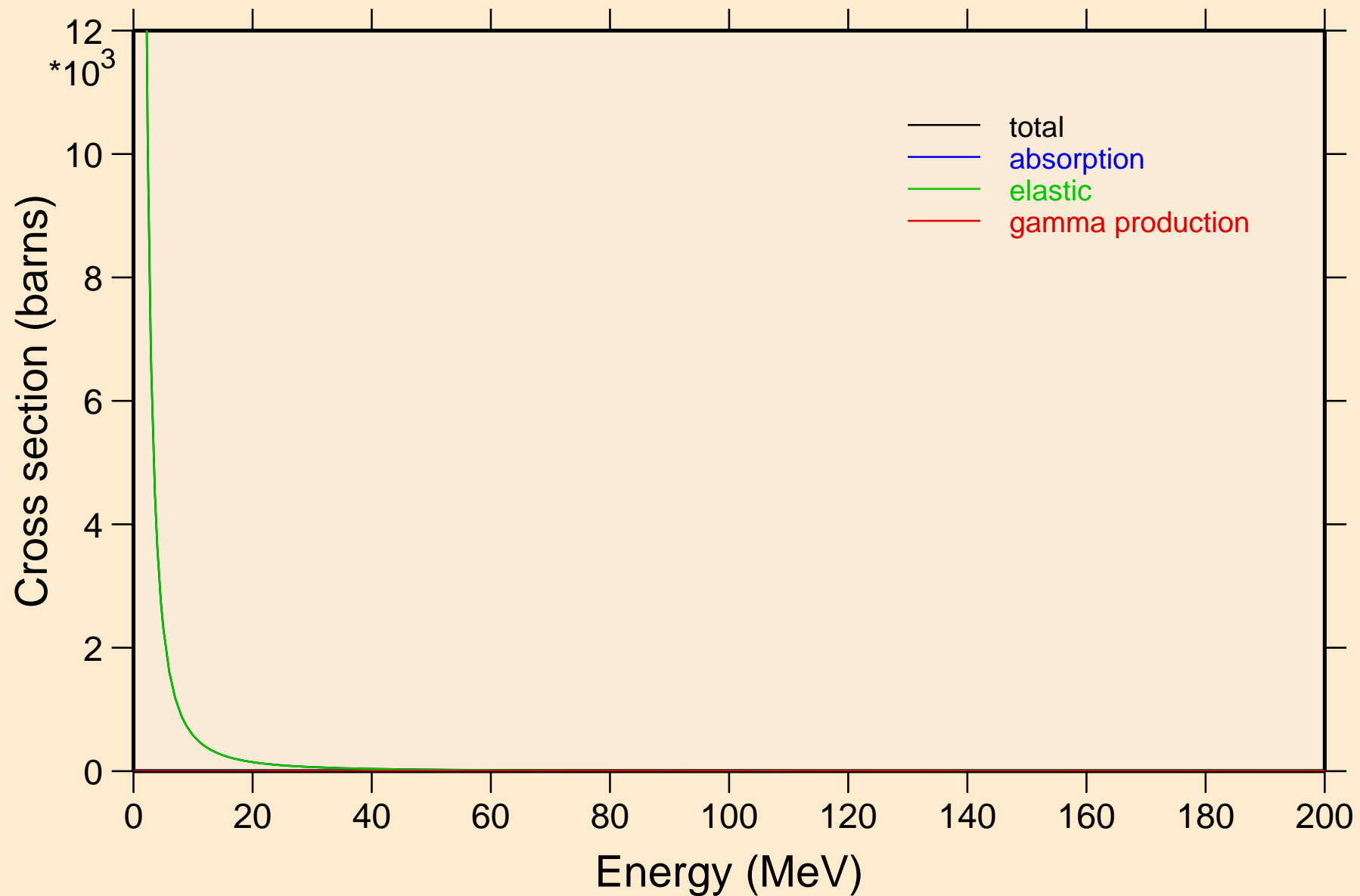
# AG113 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Heating



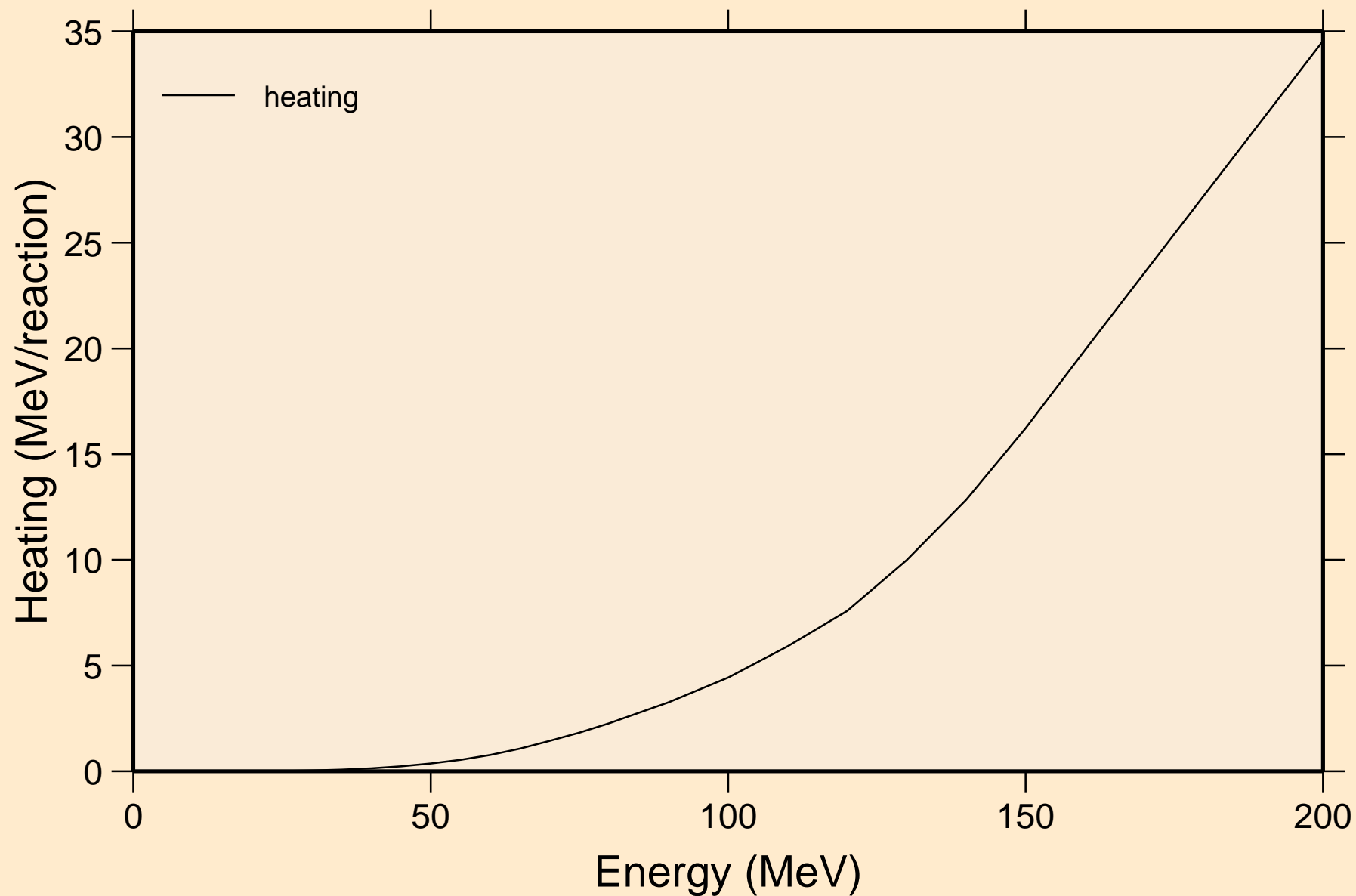
# AG113 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



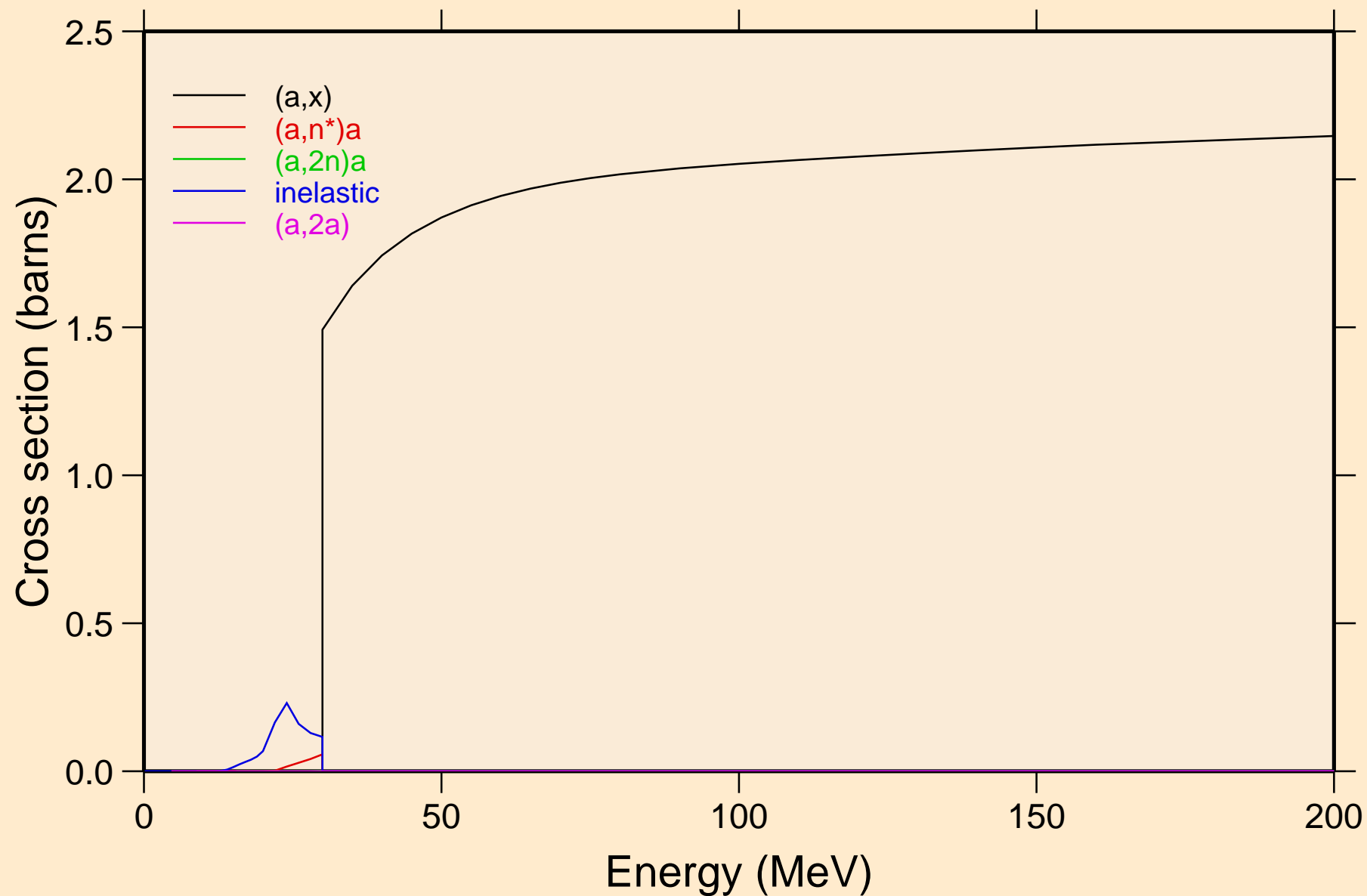
# AG113 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Heating



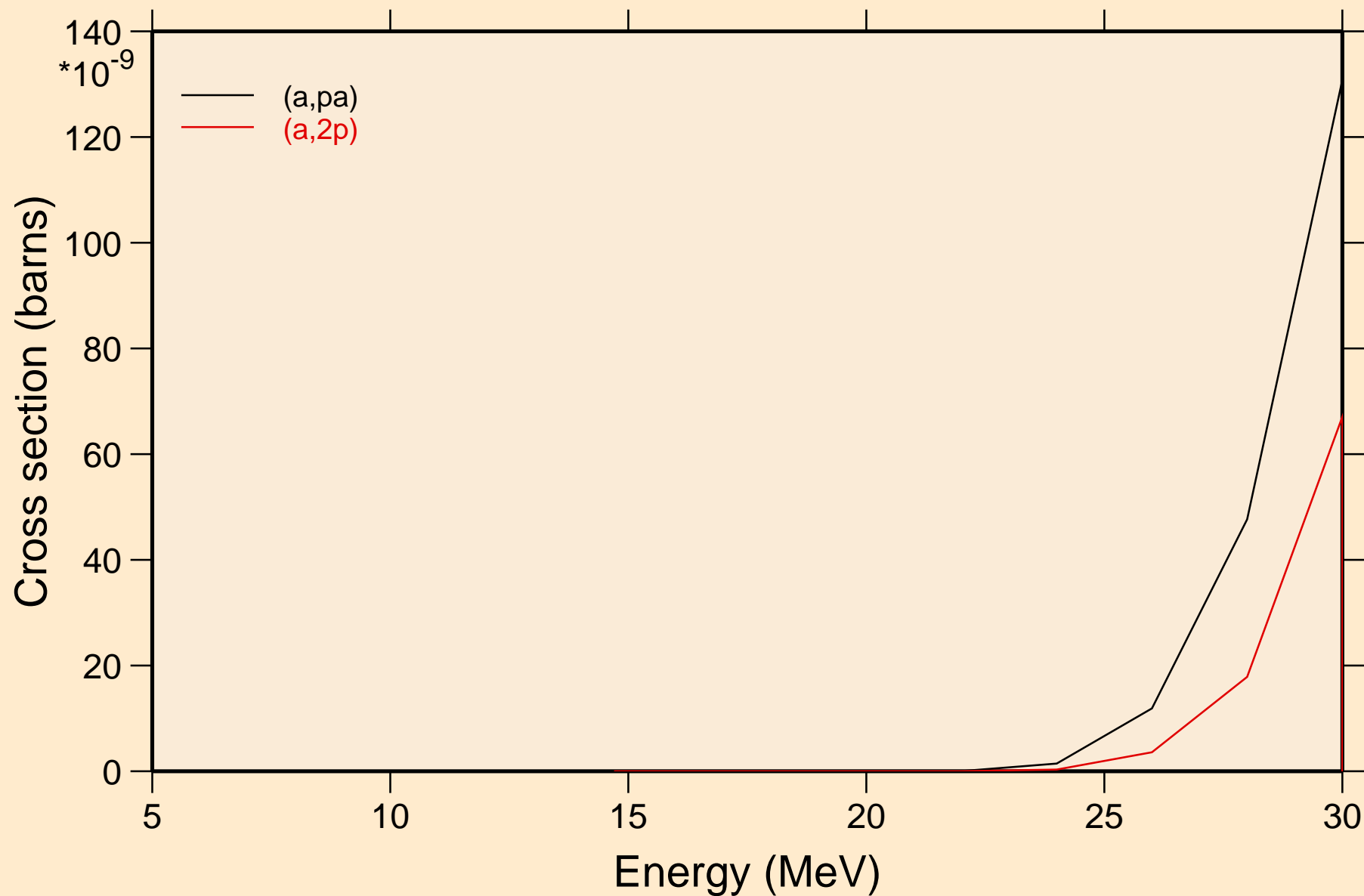
# AG113 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Threshold reactions



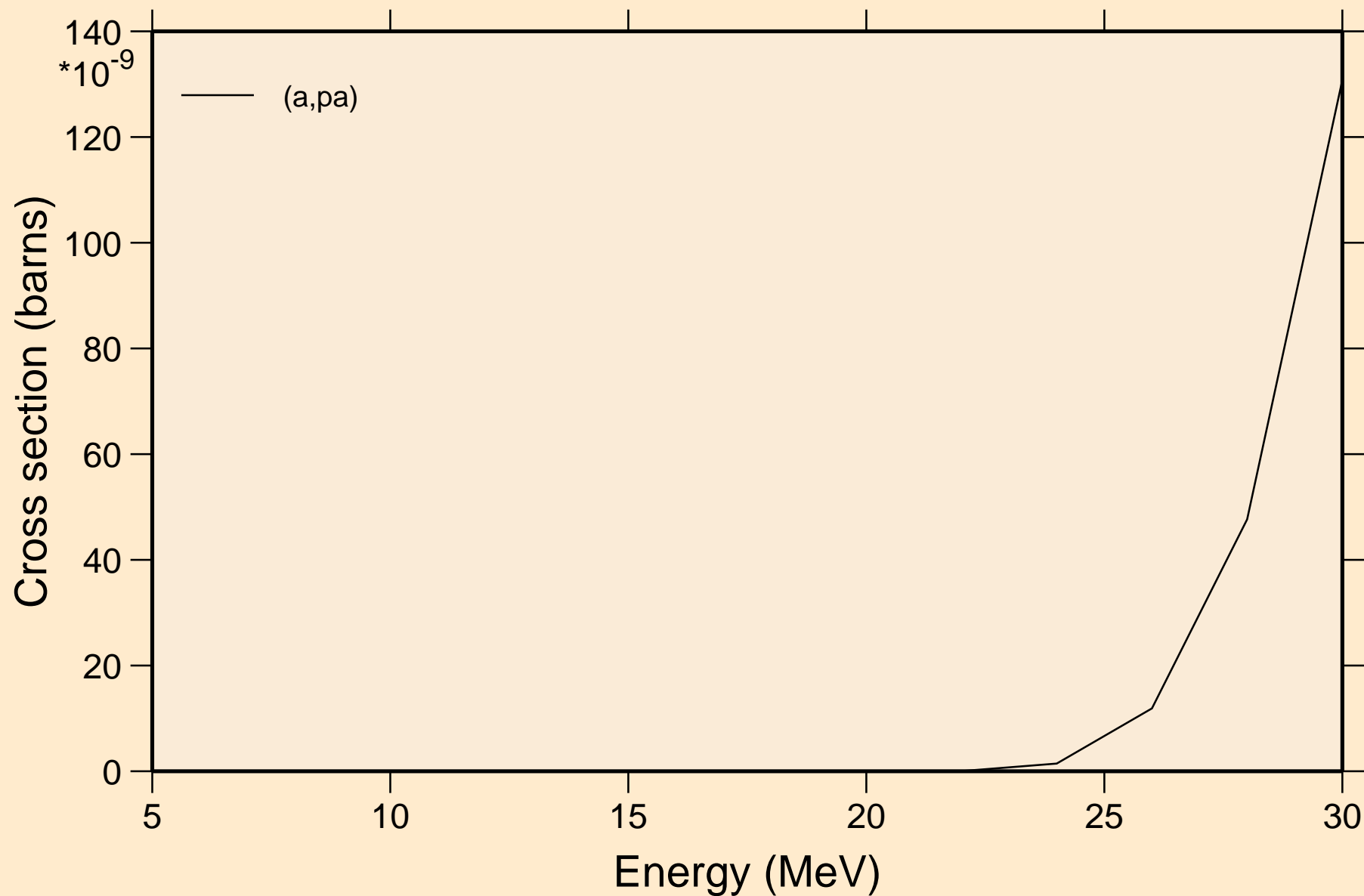
# AG113 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Threshold reactions

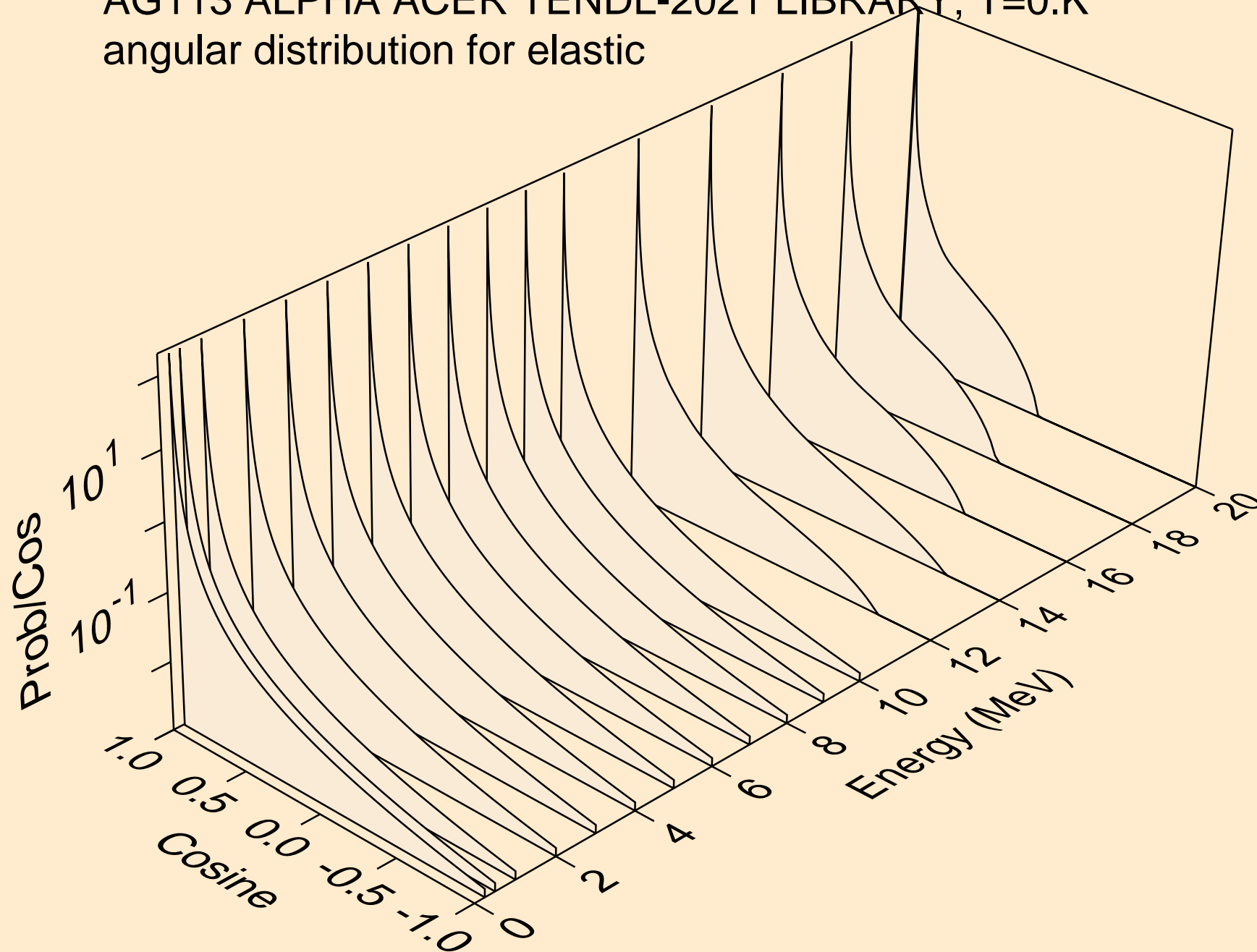


# AG113 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Threshold reactions

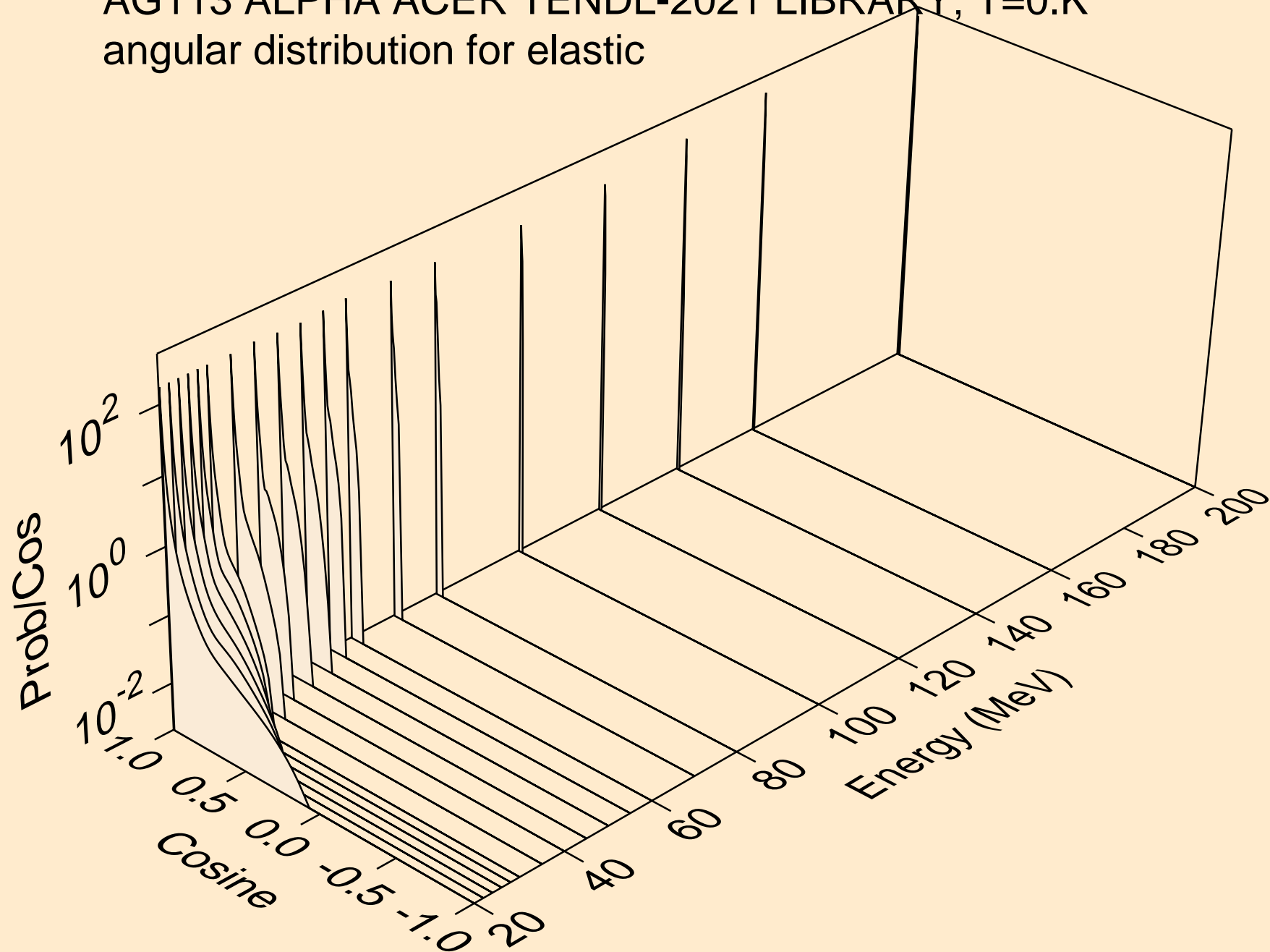


AG113 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



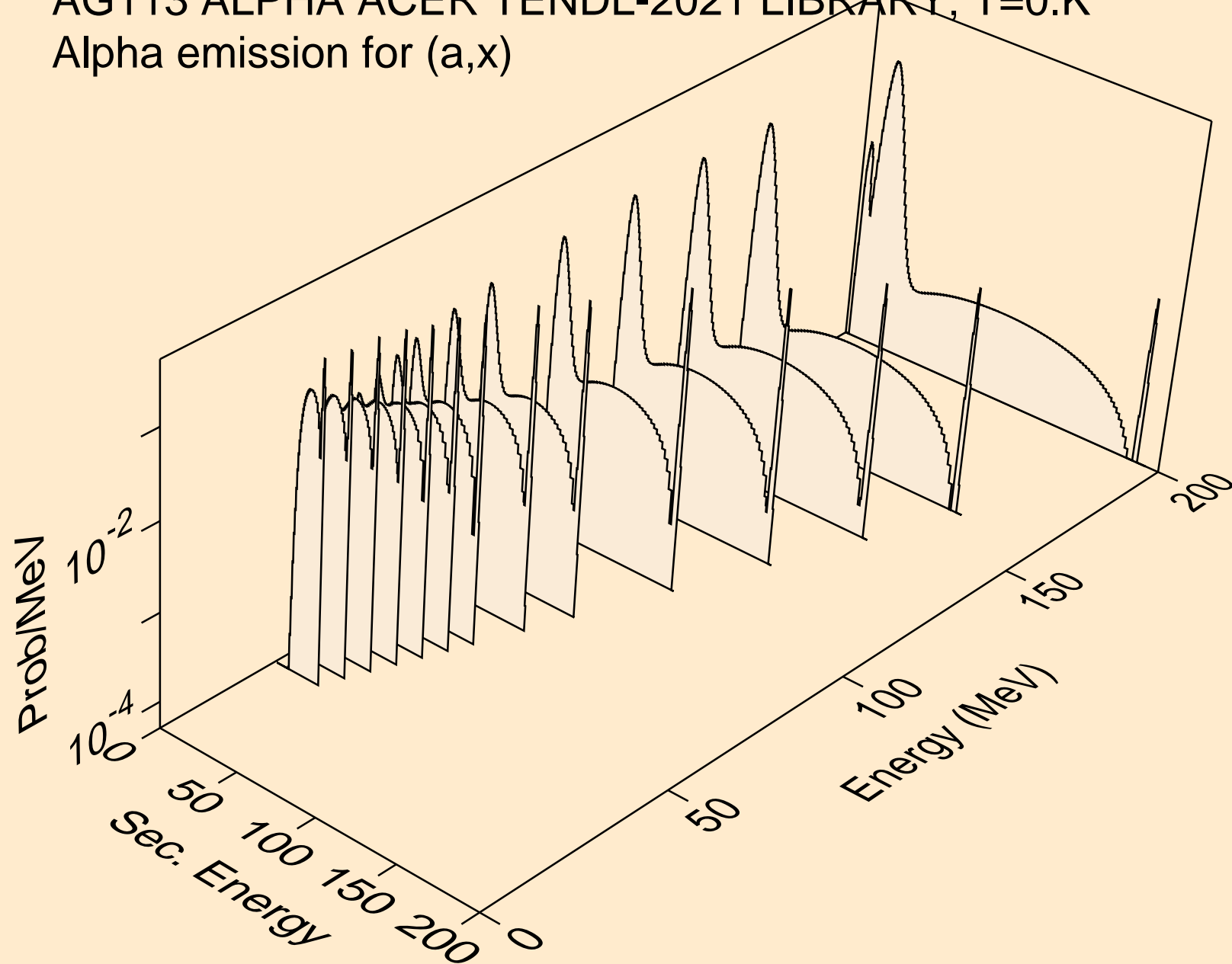


AG113 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

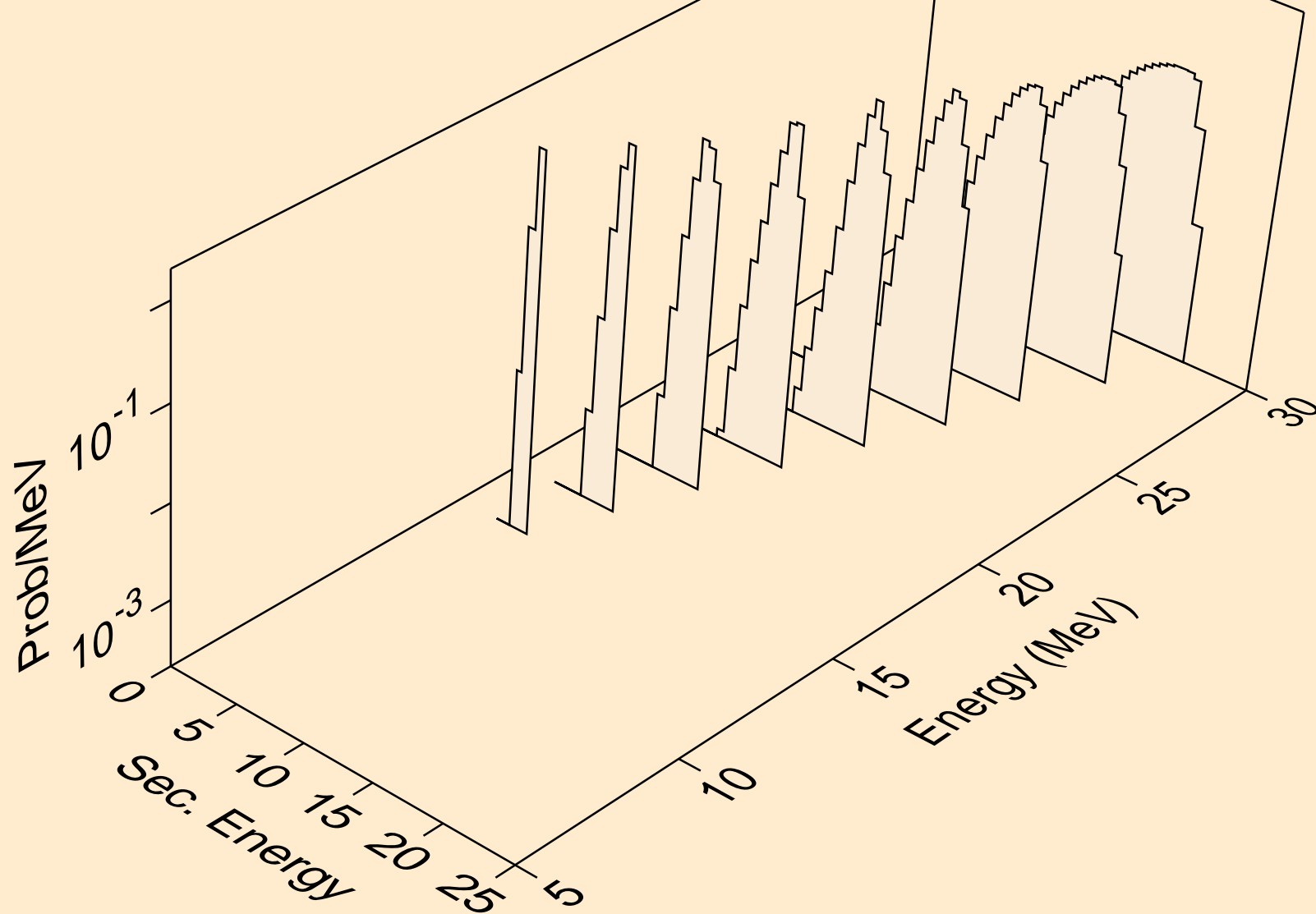


AG113 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Alpha emission for (a,x)

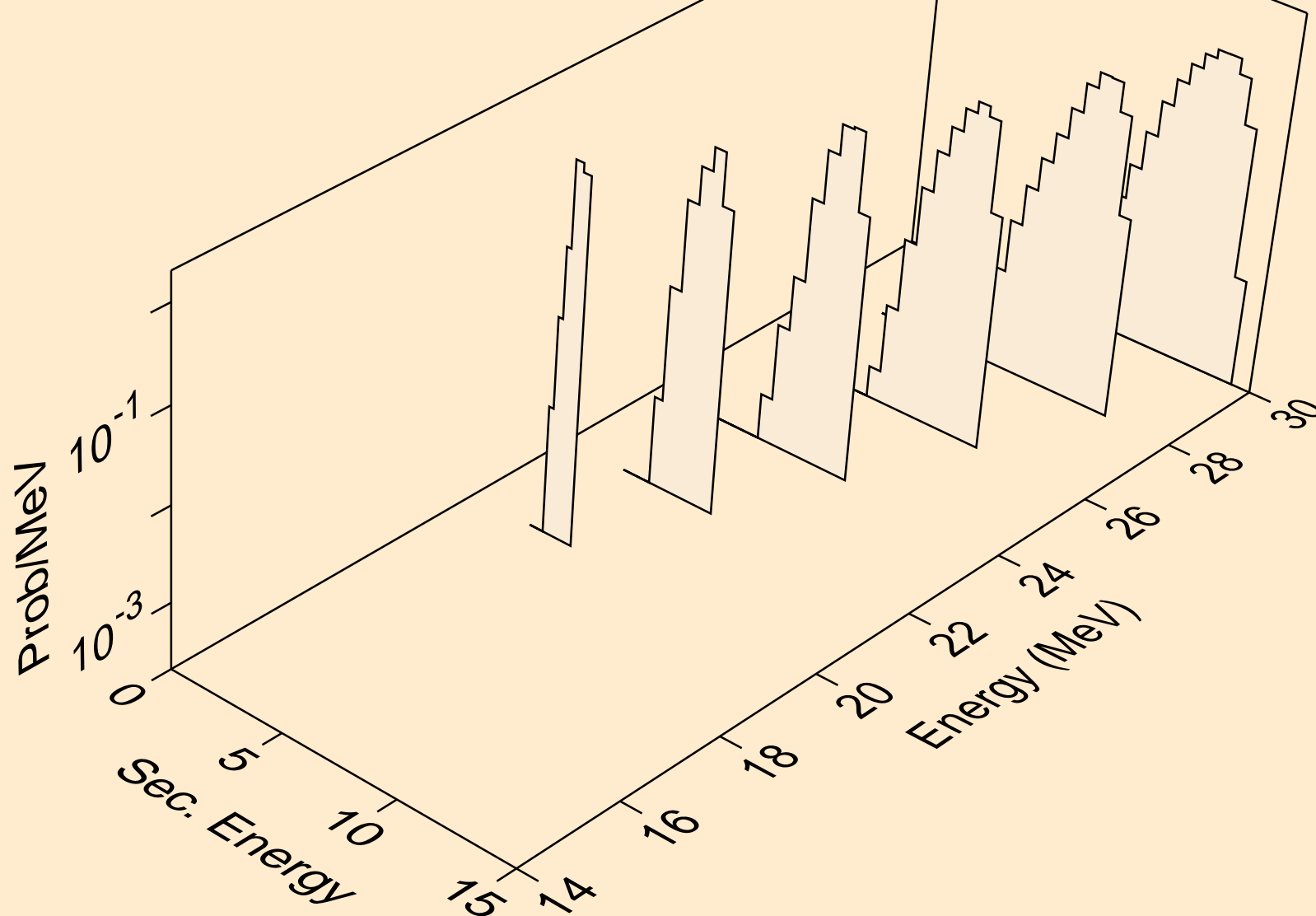


AG113 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



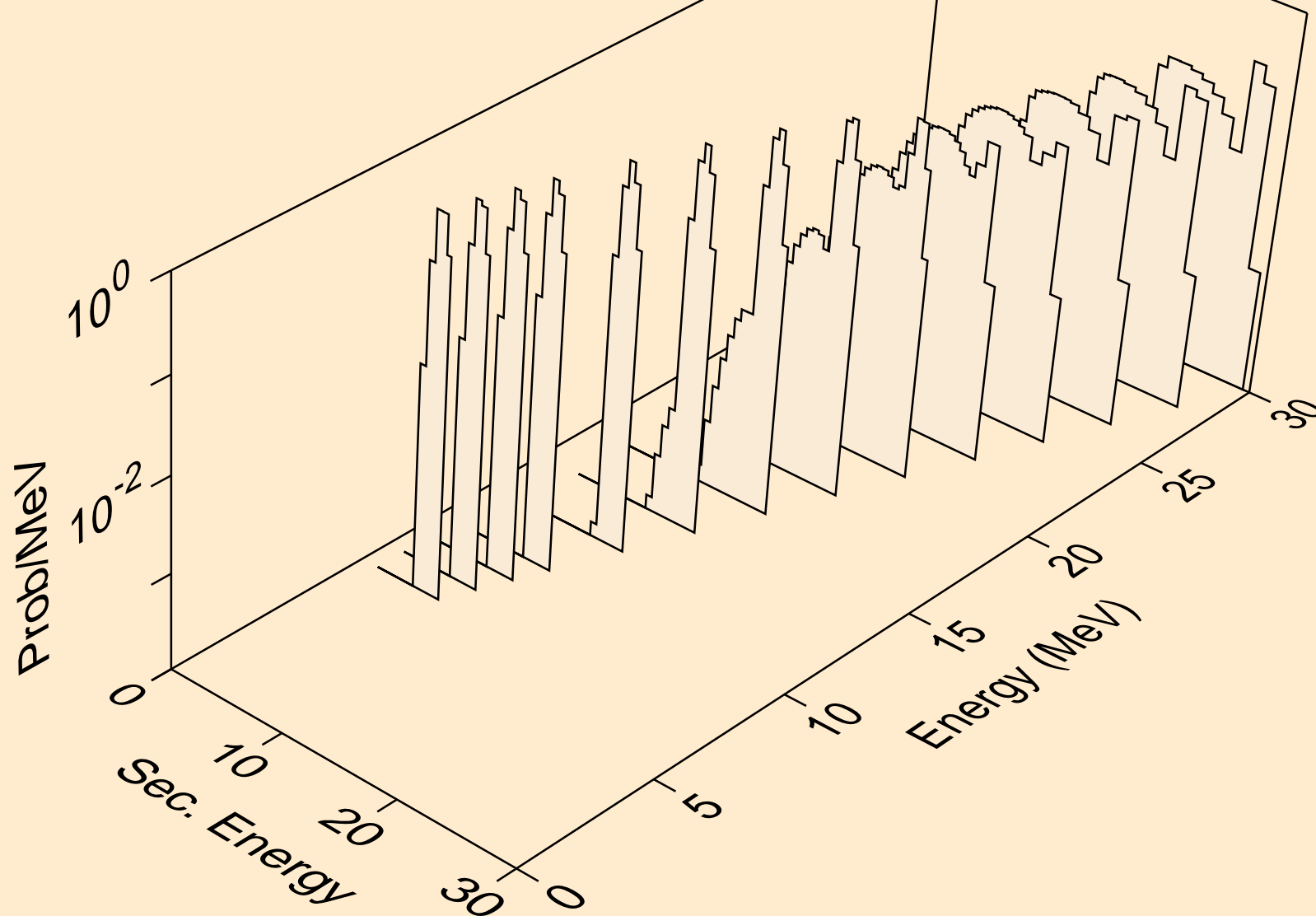
AG113 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Alpha emission for (a,2n)a

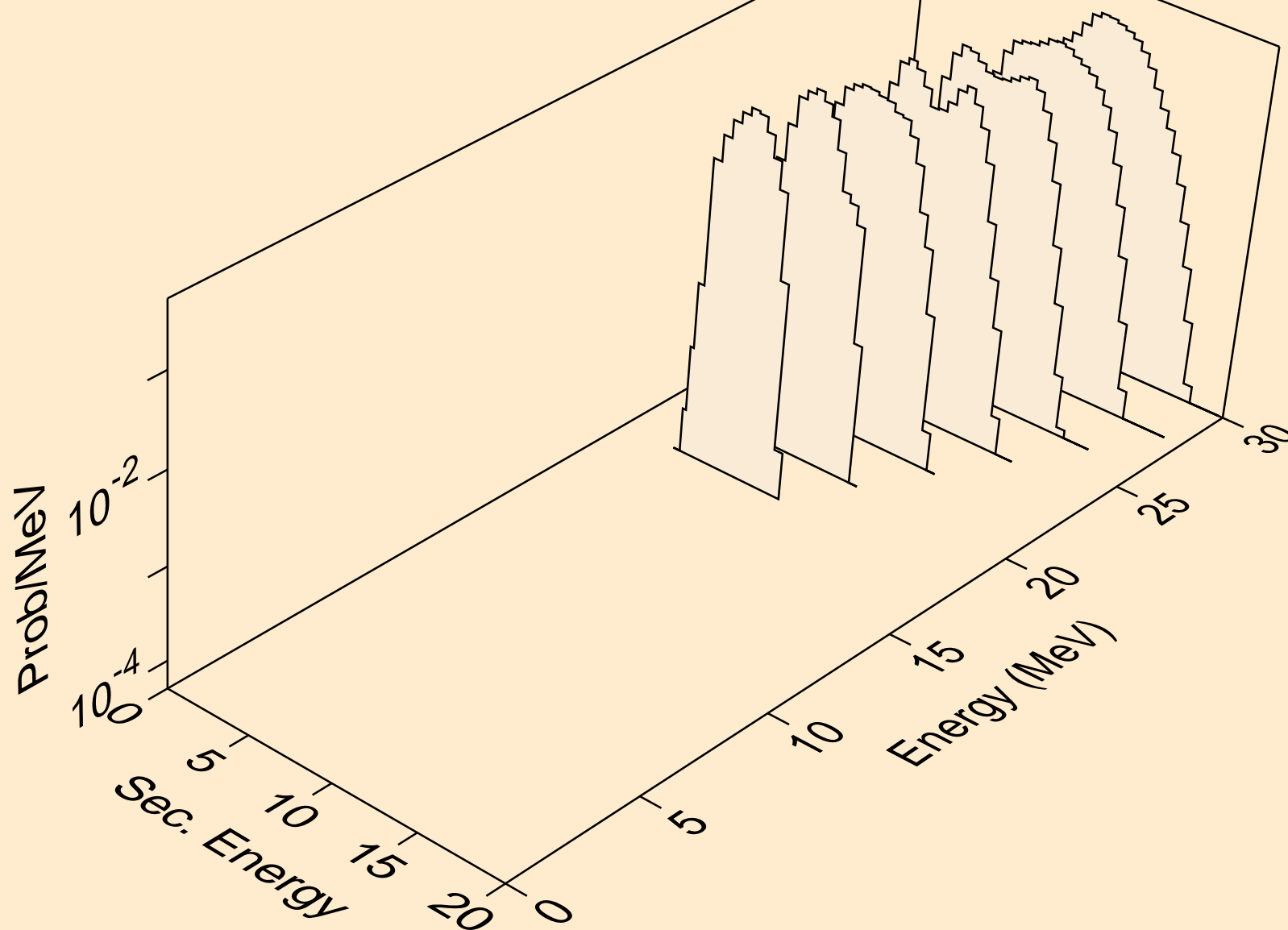


AG113 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Alpha emission for inelastic

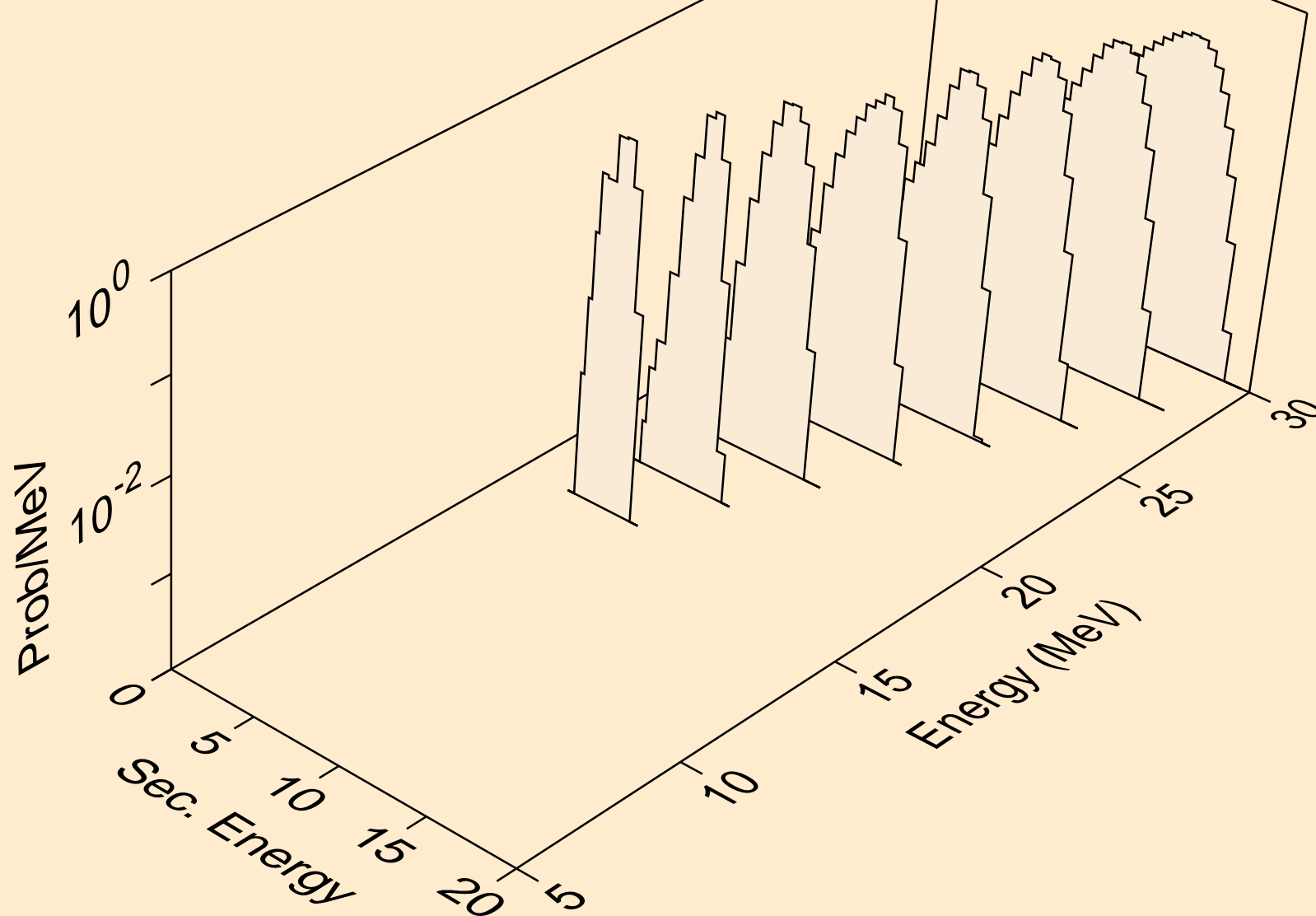


AG113 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,2a)

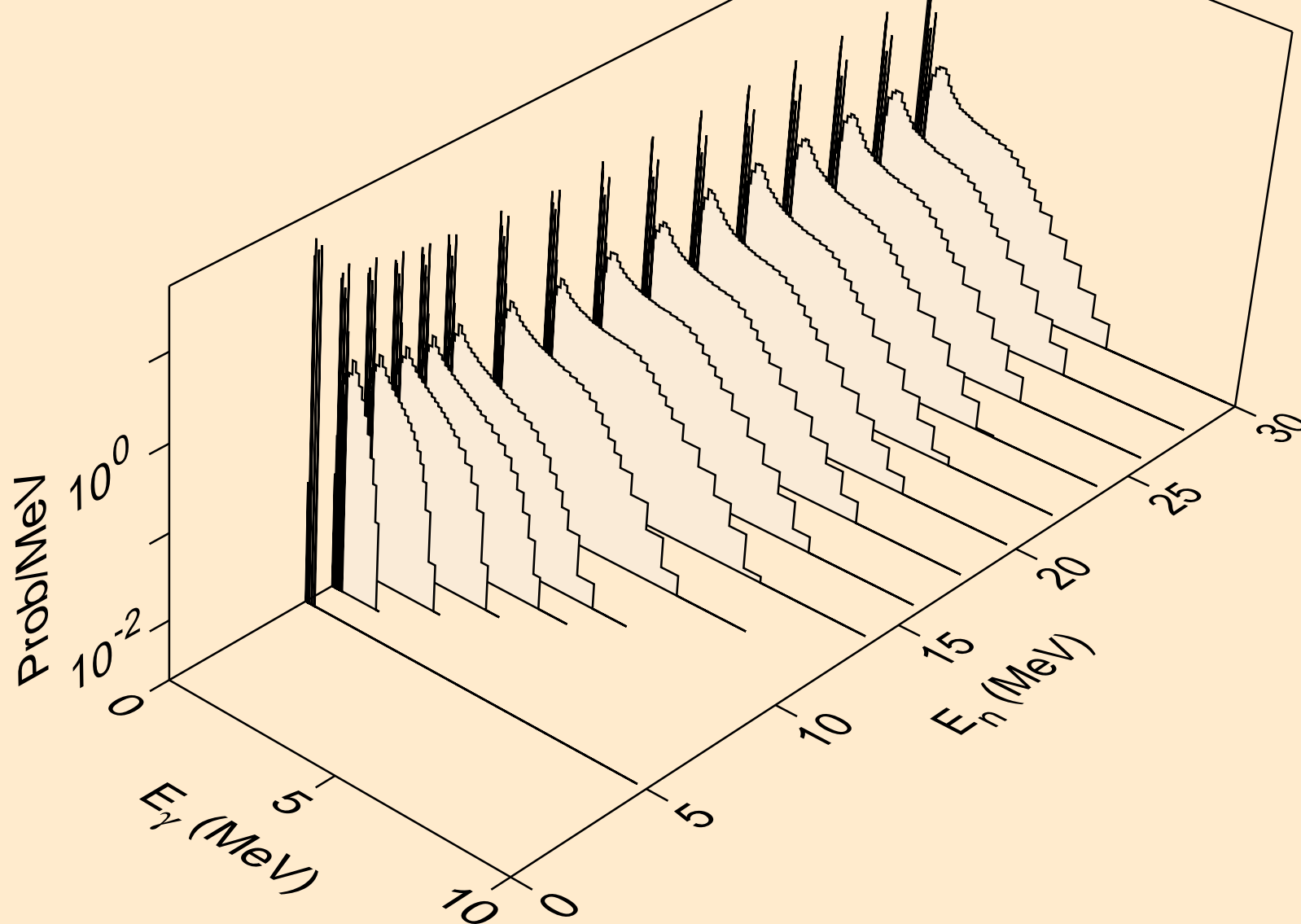


AG113 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Alpha emission for (a,pa)



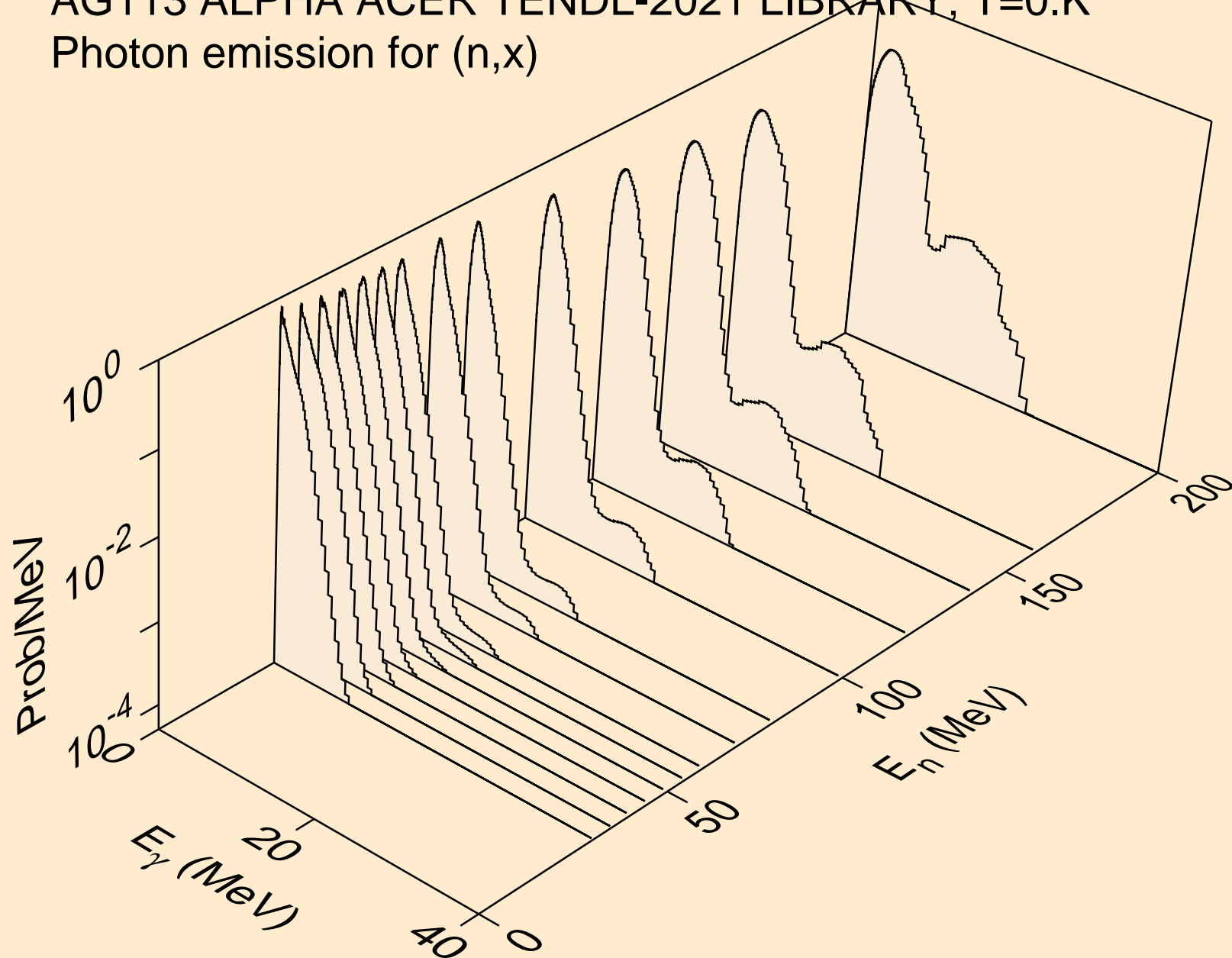
AG113 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



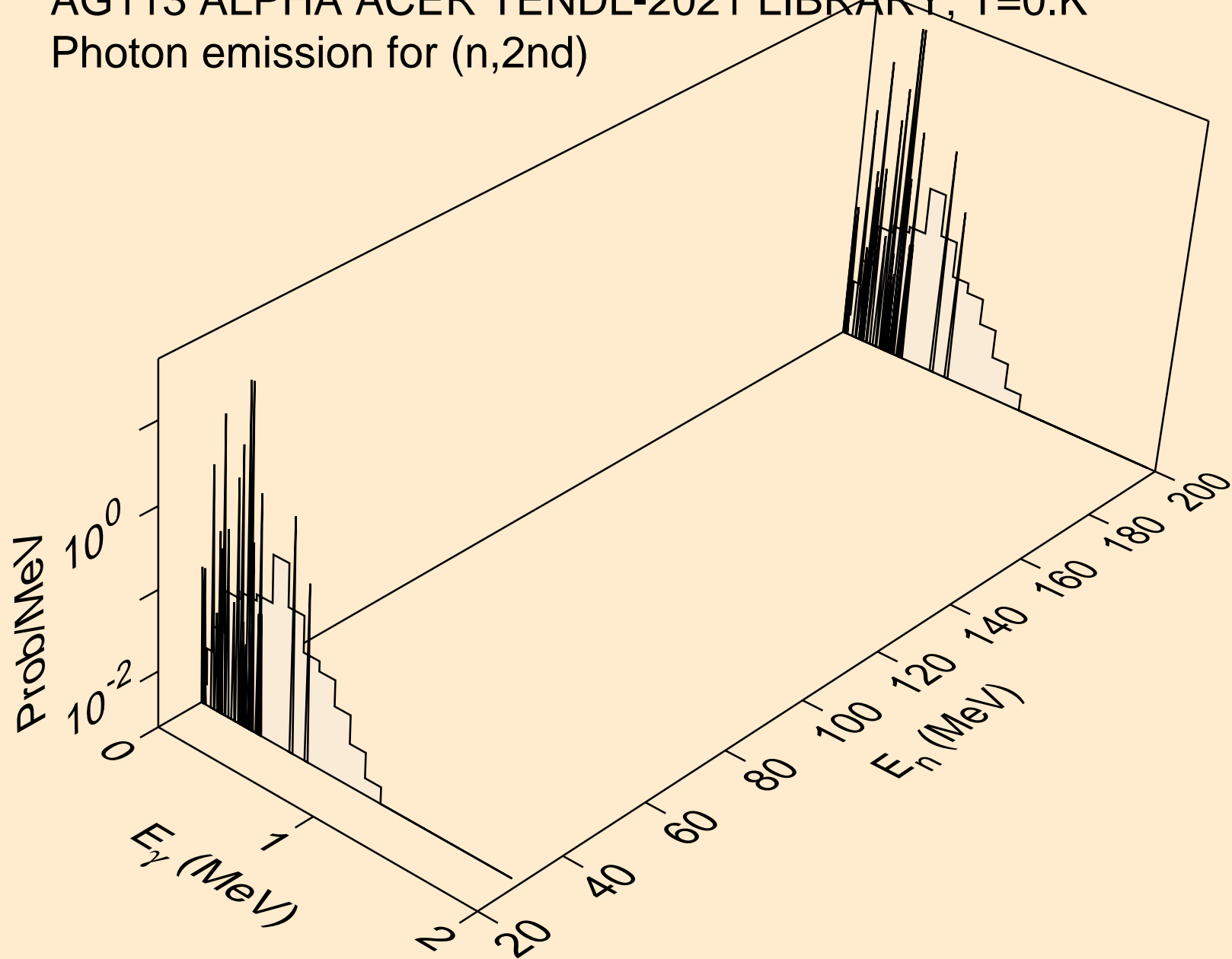


AG113 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

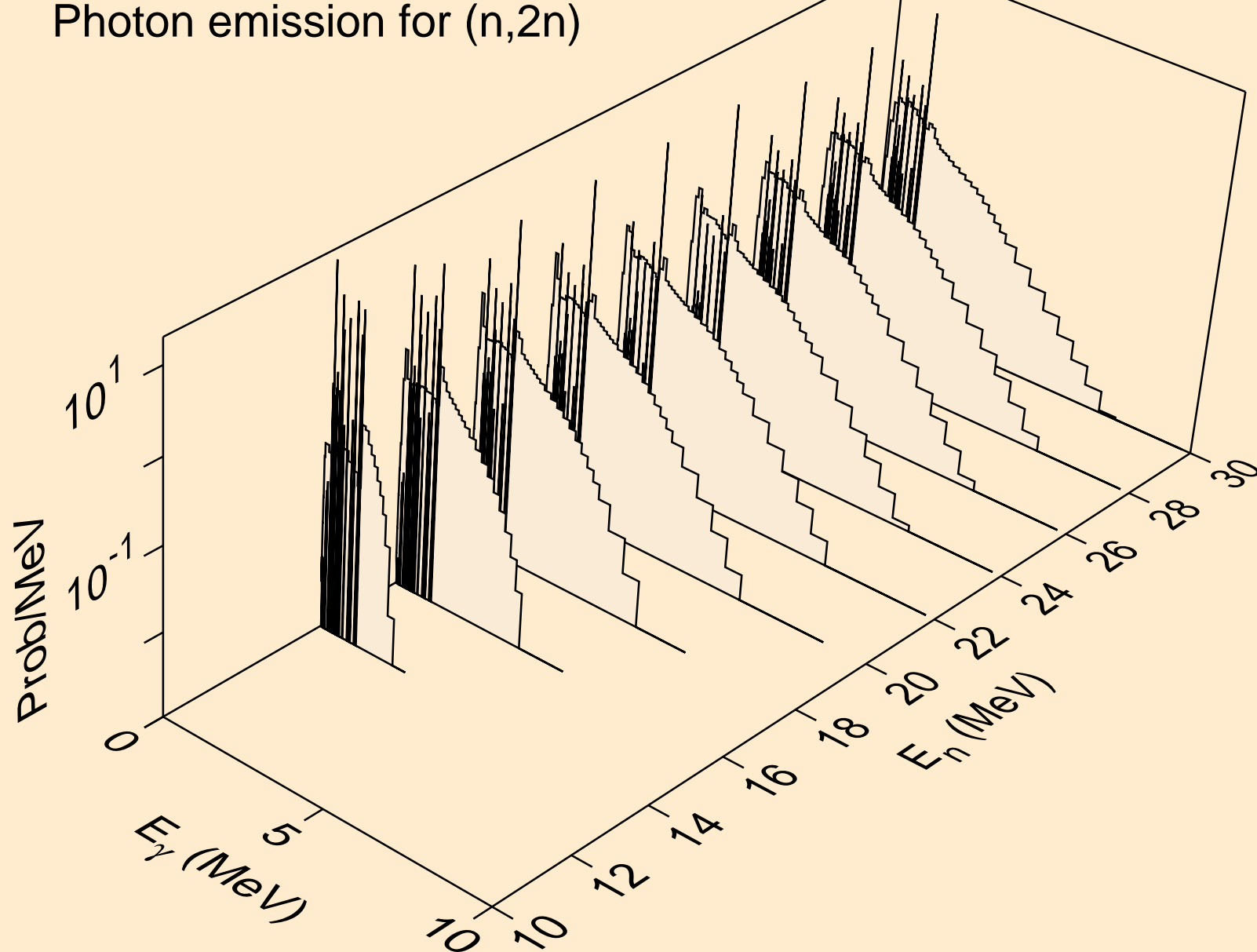
Photon emission for (n,x)



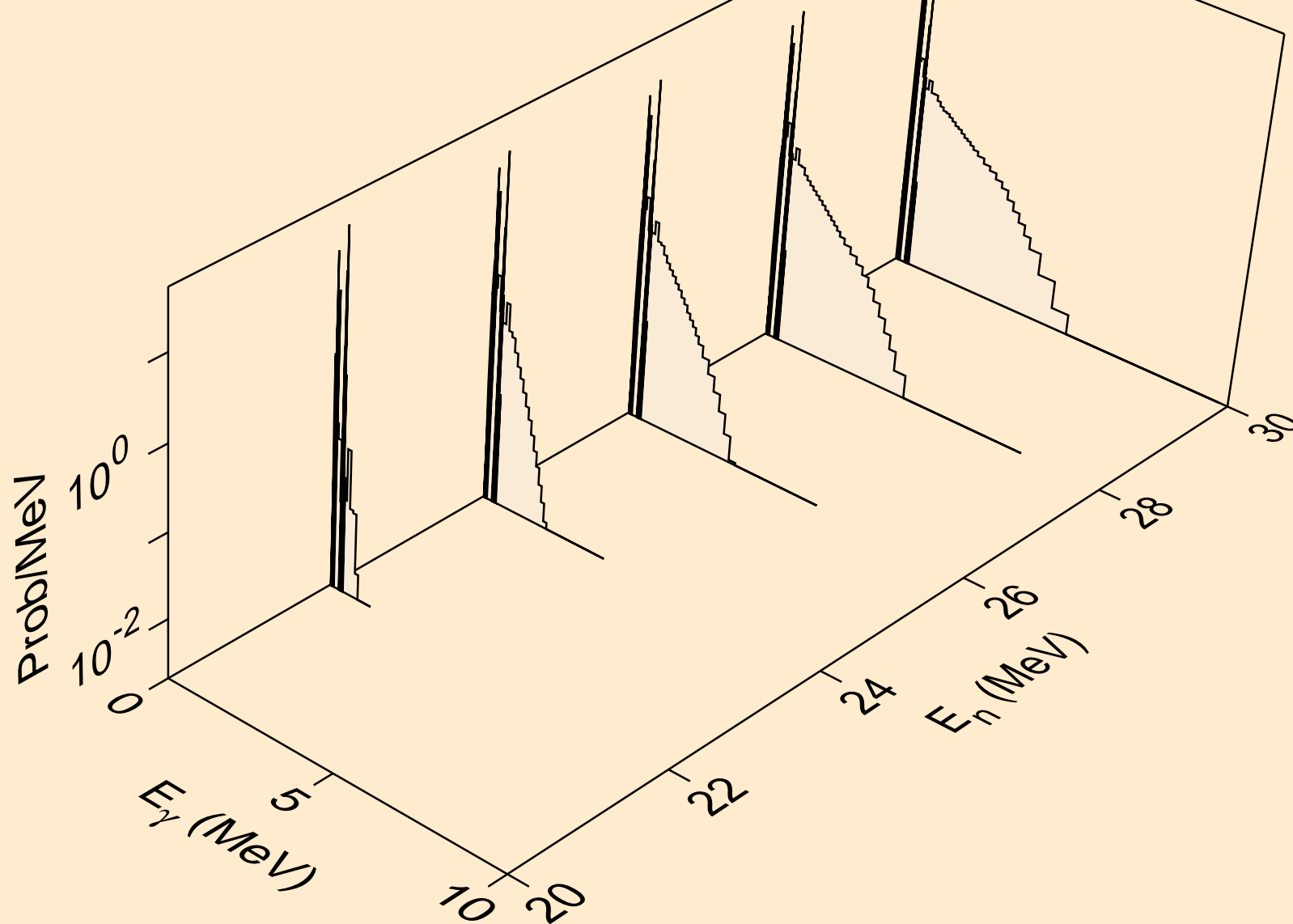
AG113 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)



AG113 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)

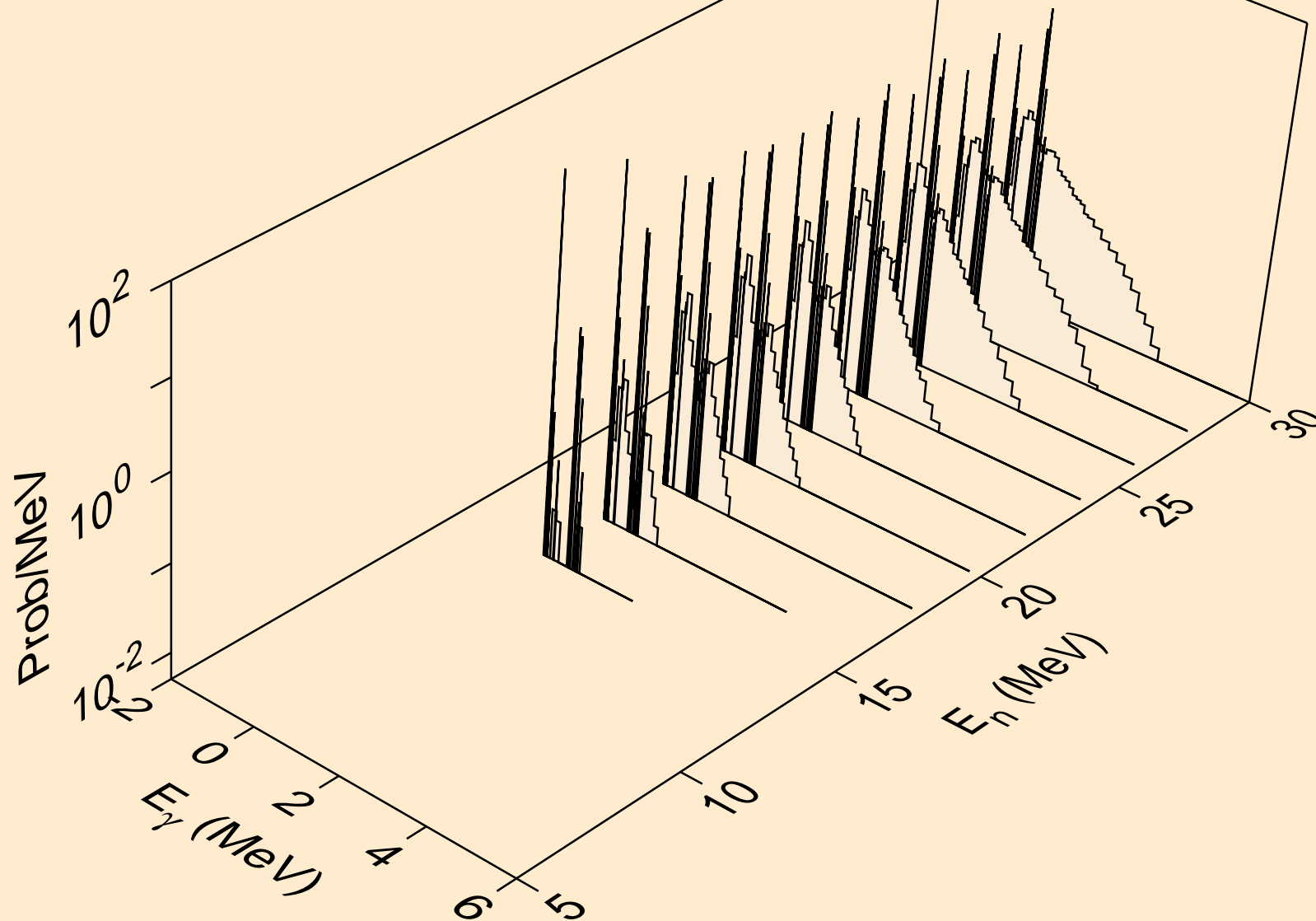


AG113 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



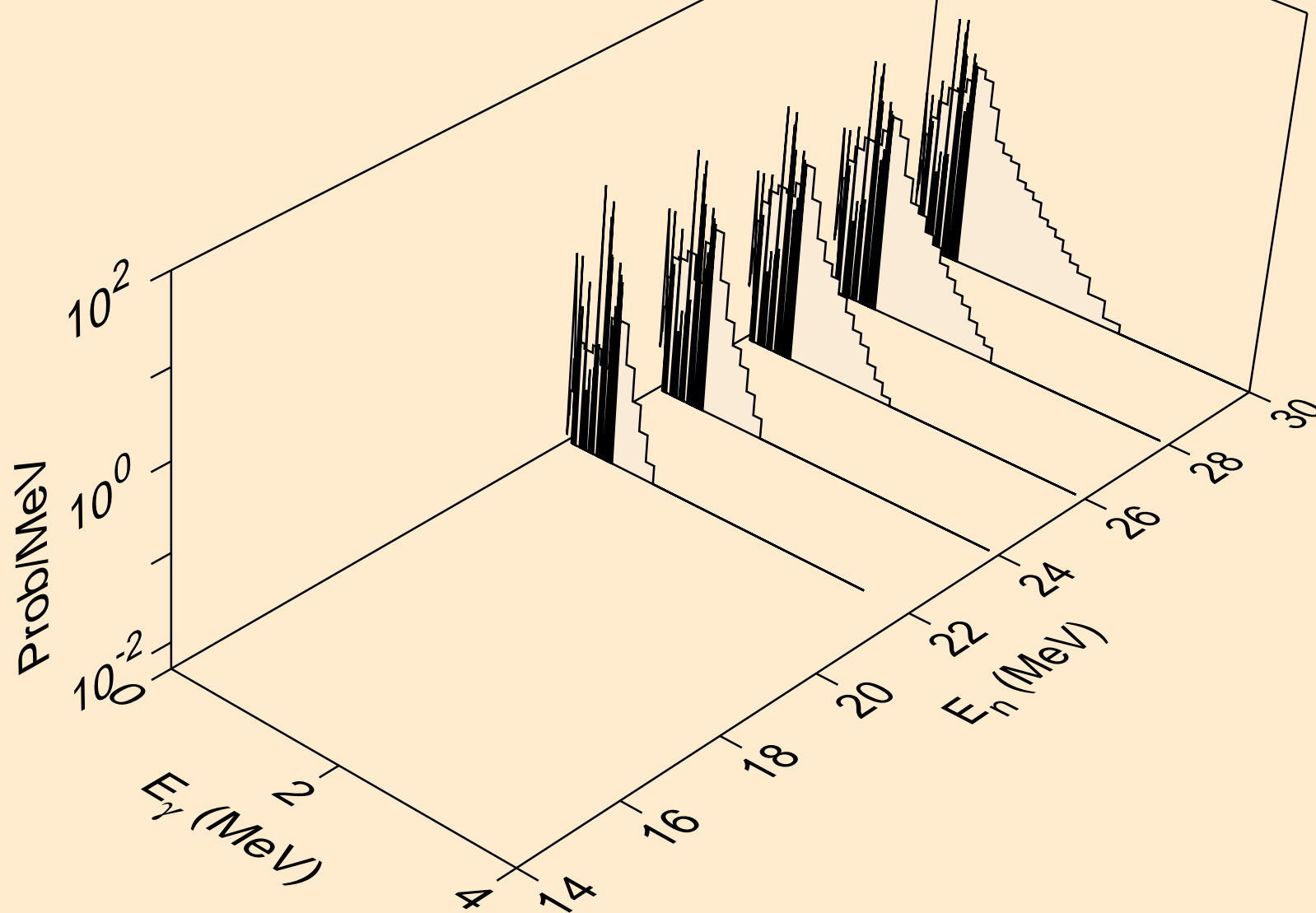
AG113 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,n\*)a



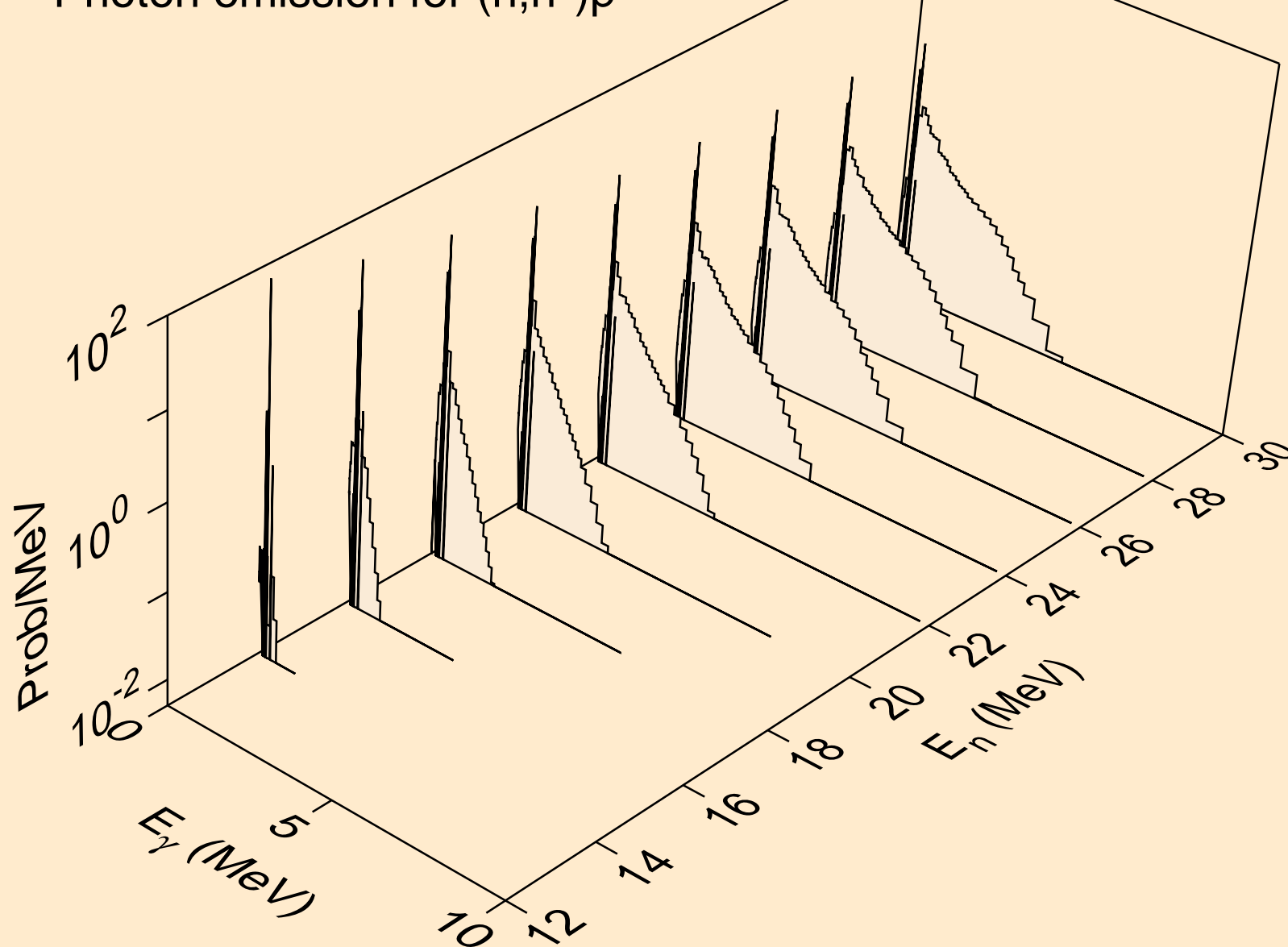
AG113 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

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



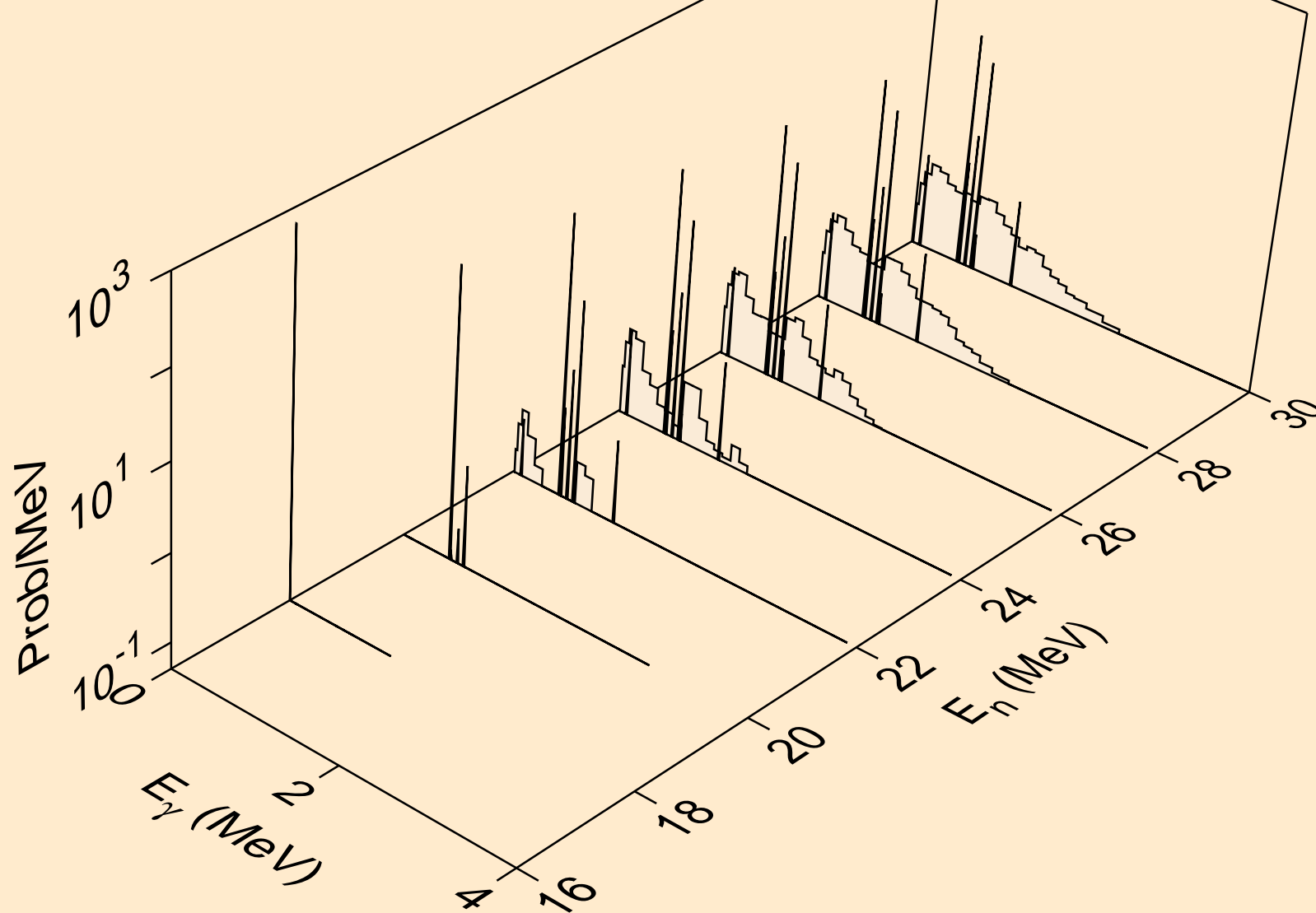
AG113 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,n\*)p



AG113 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

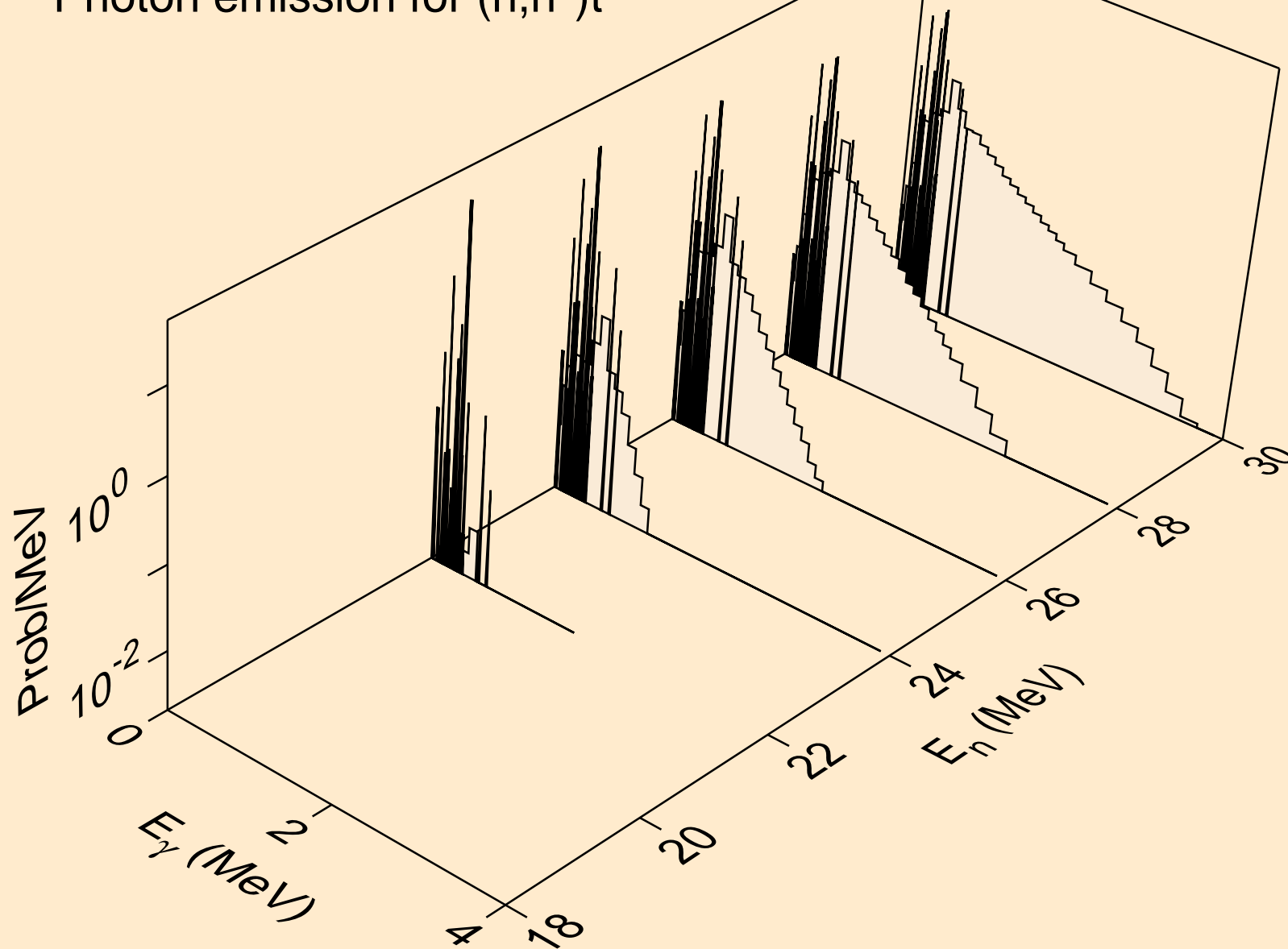
Photon emission for (n,n\*)d





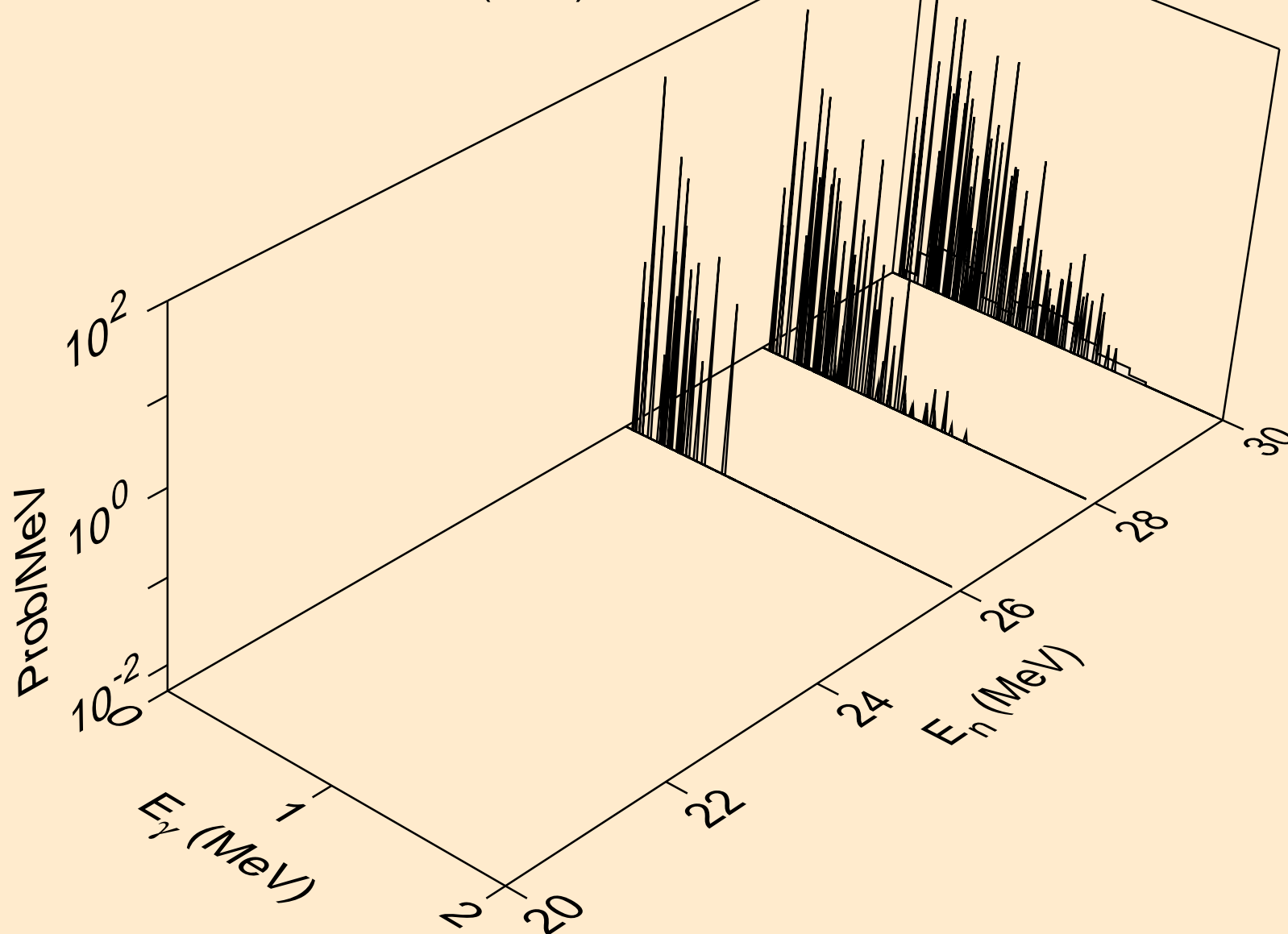
AG113 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,n\*)t



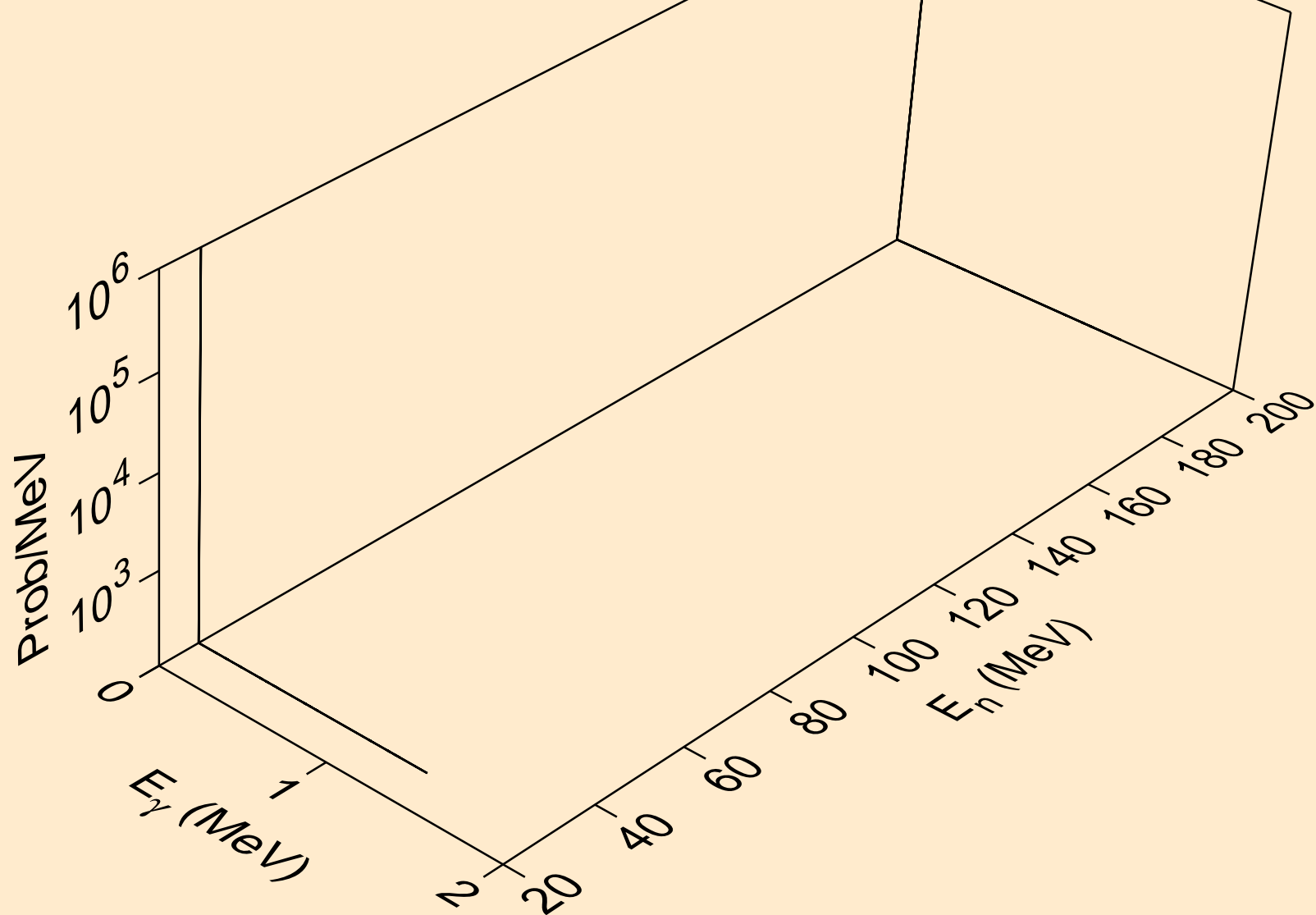
AG113 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,n\*)he3

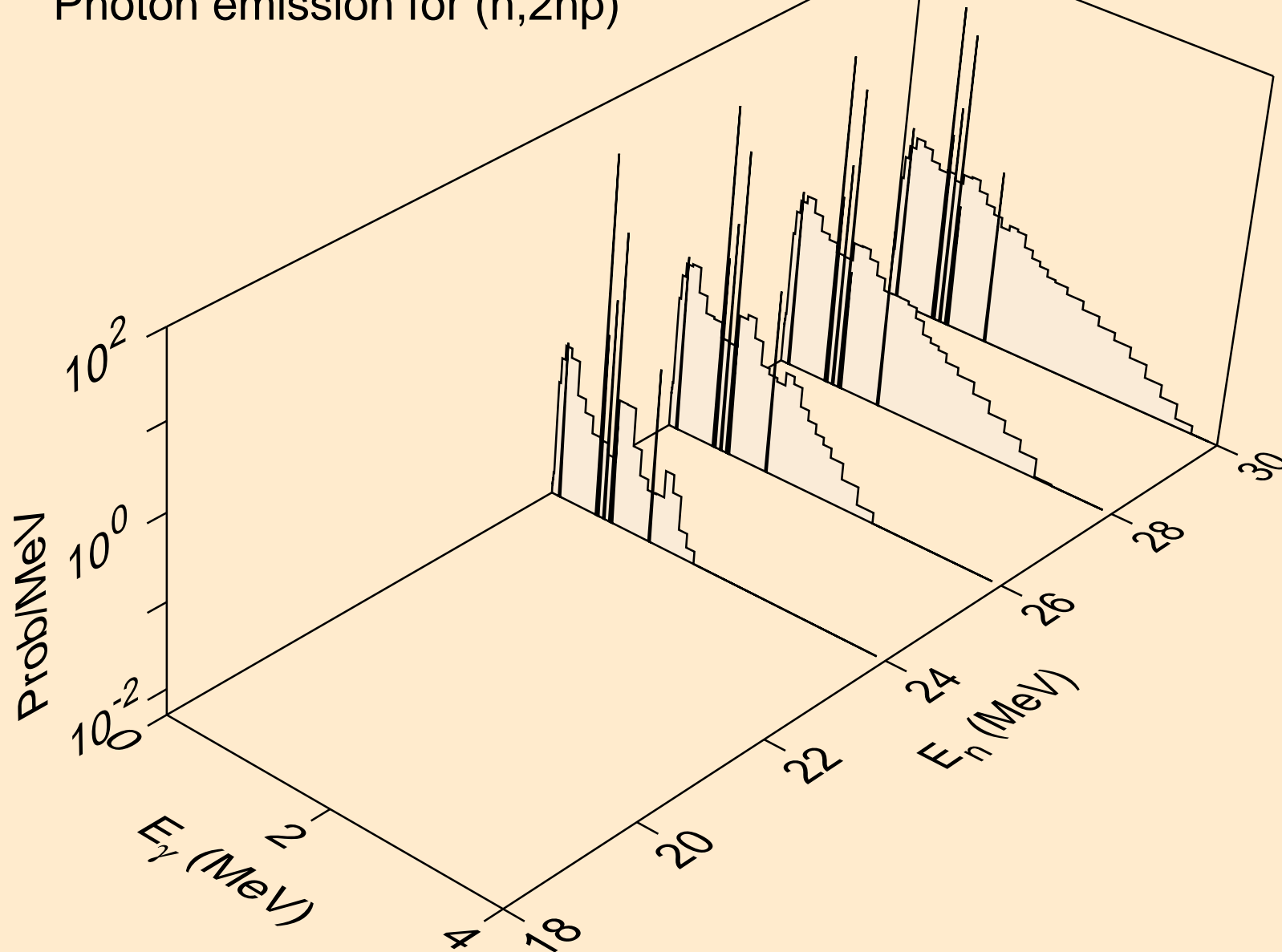


AG113 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

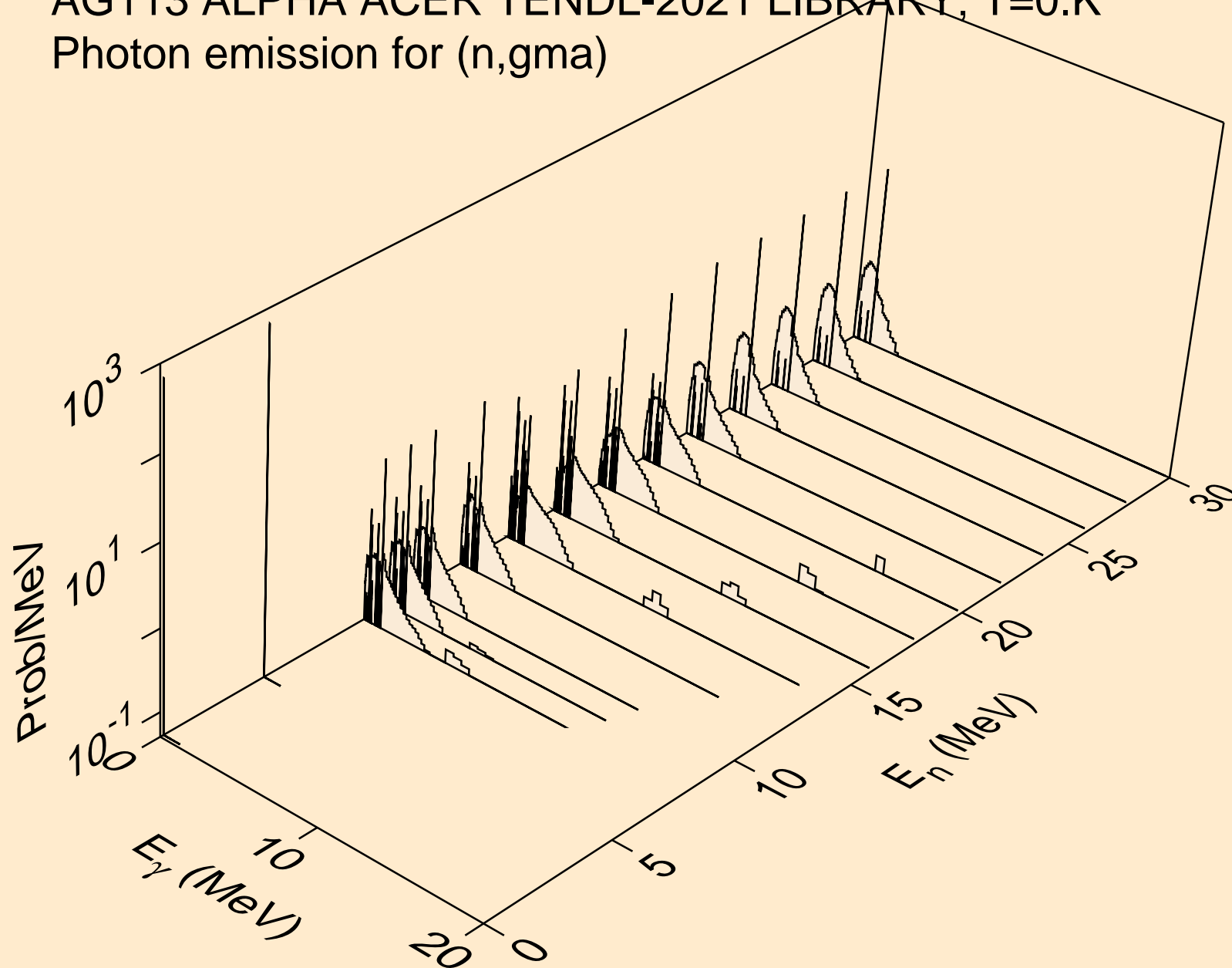
Photon emission for (n,4n)



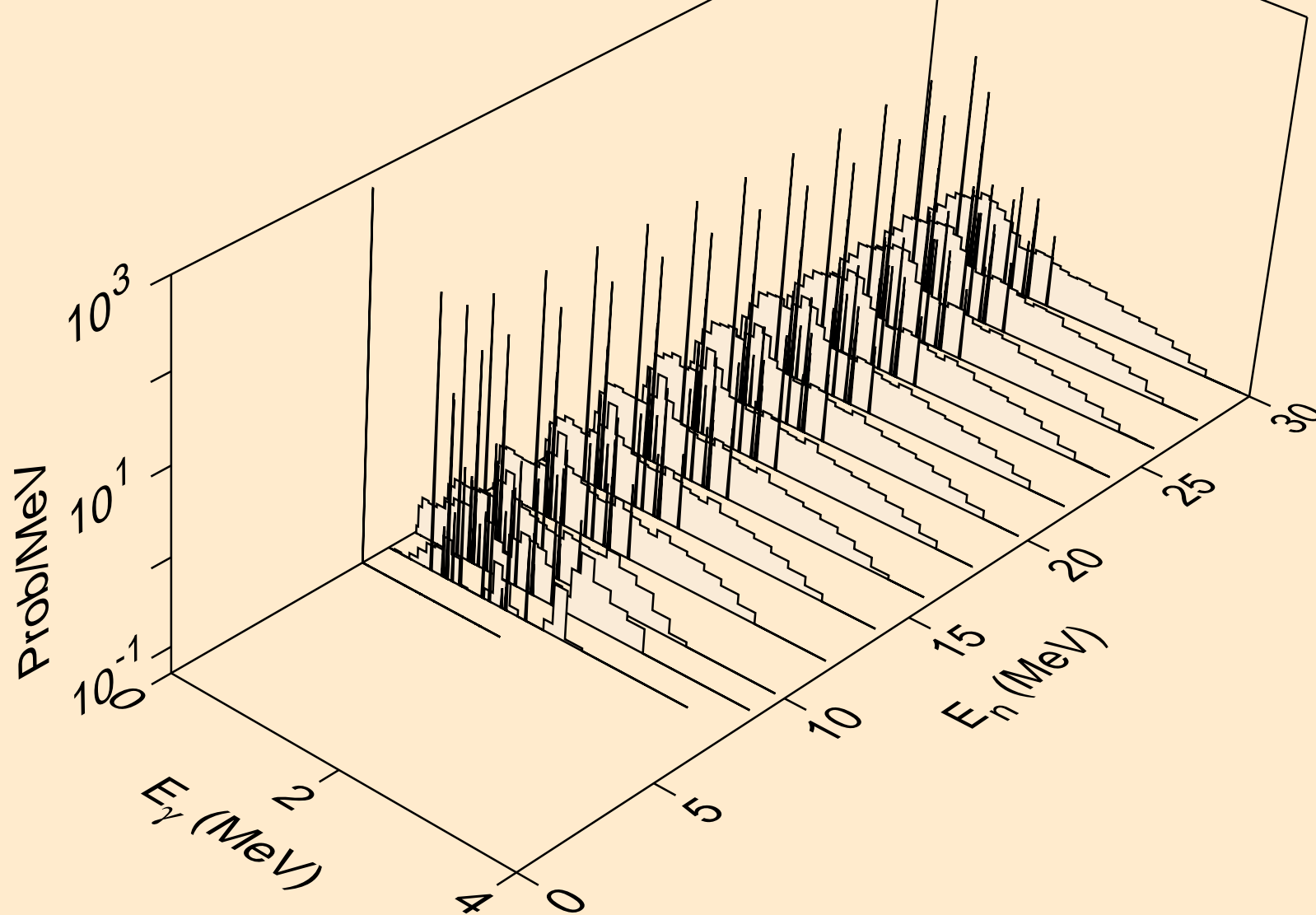
AG113 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



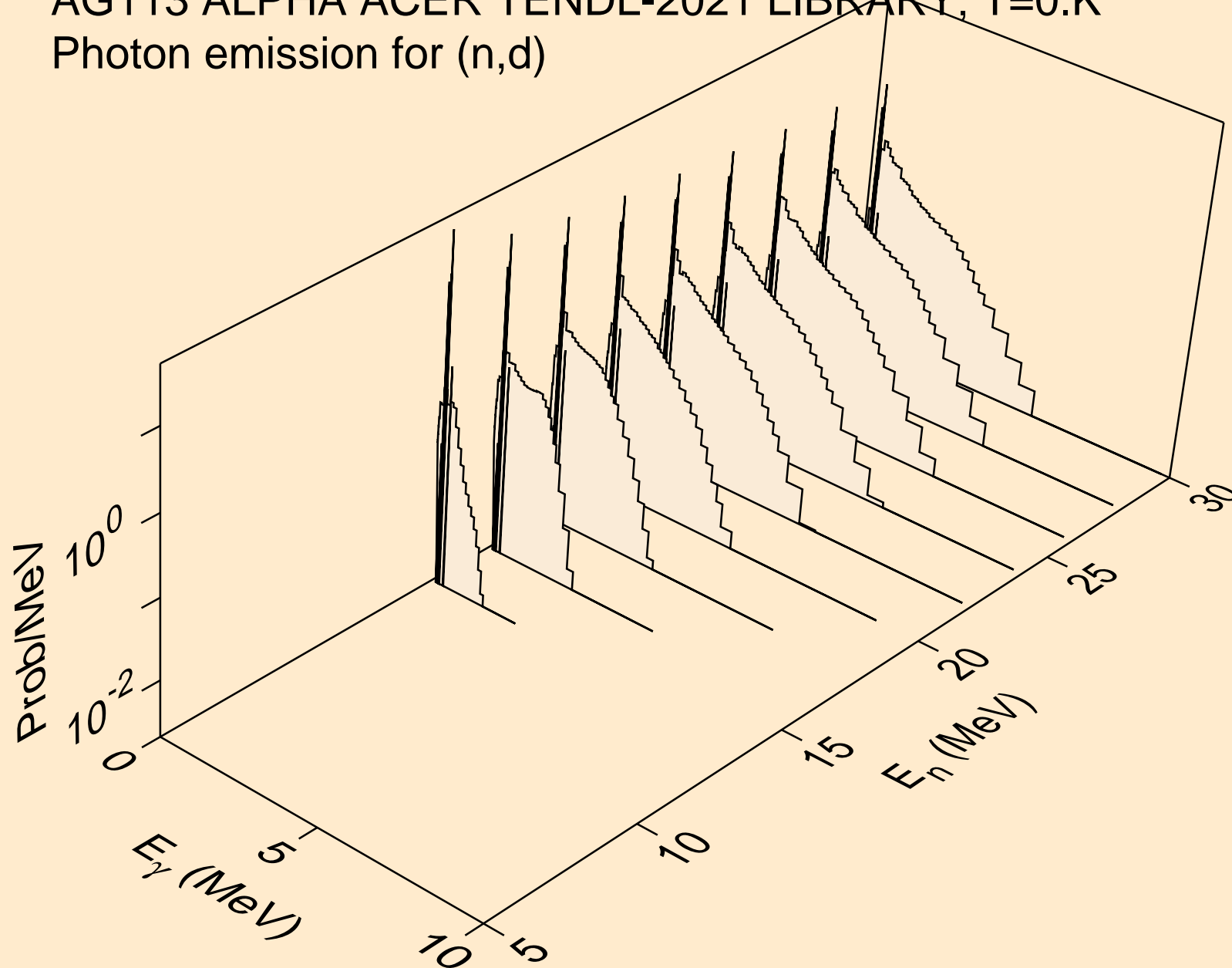
AG113 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)



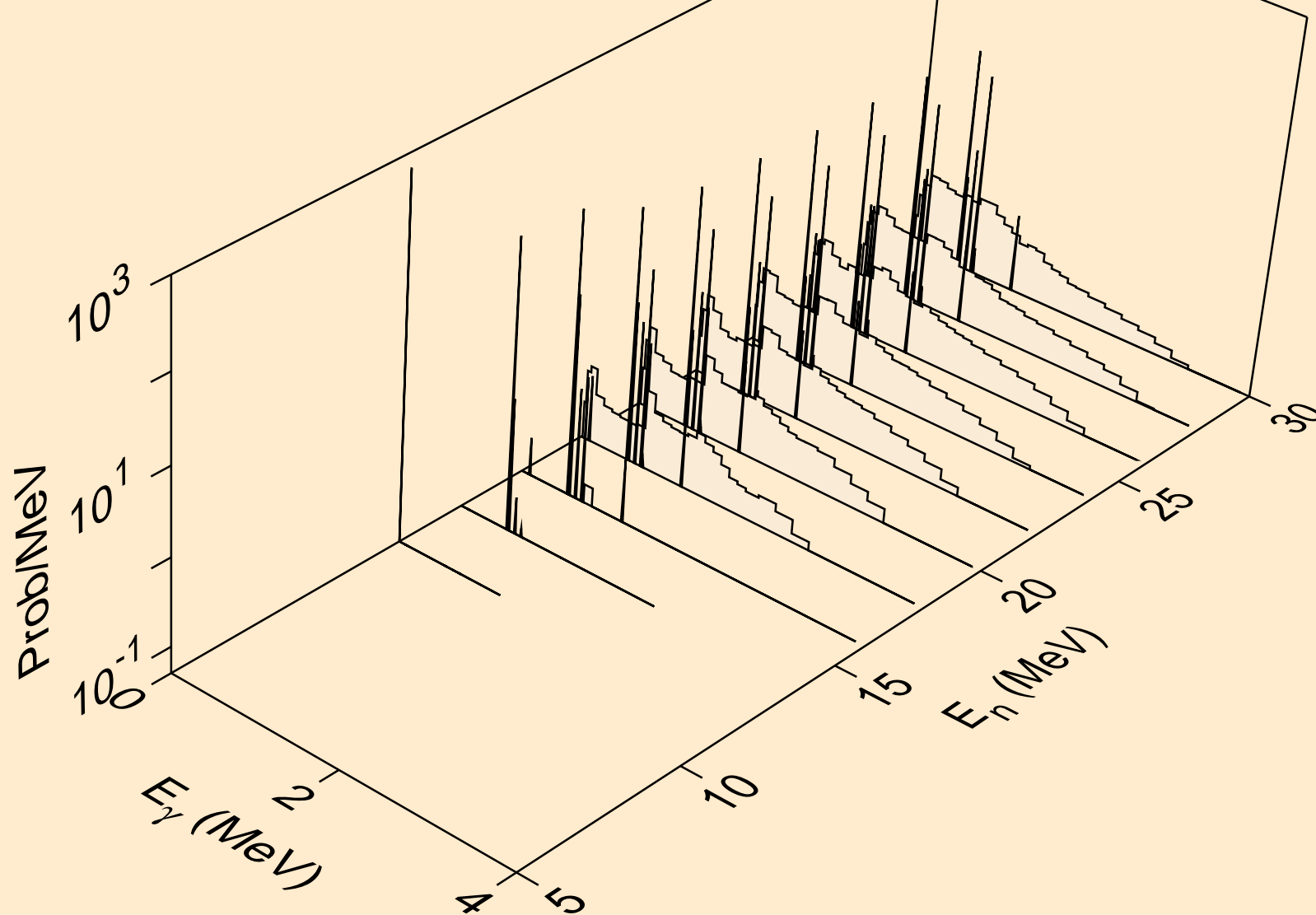
AG113 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)



AG113 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)

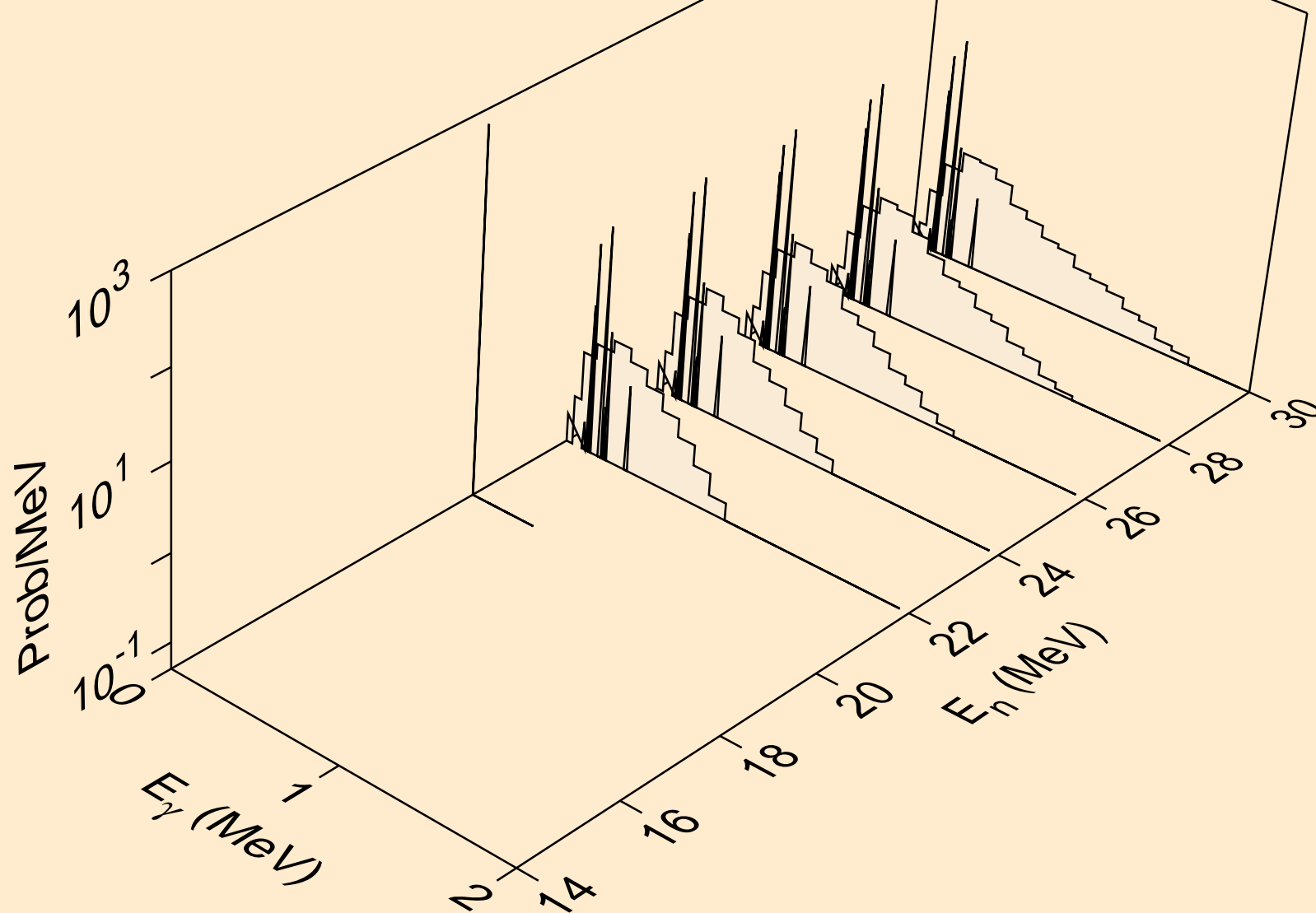


AG113 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)

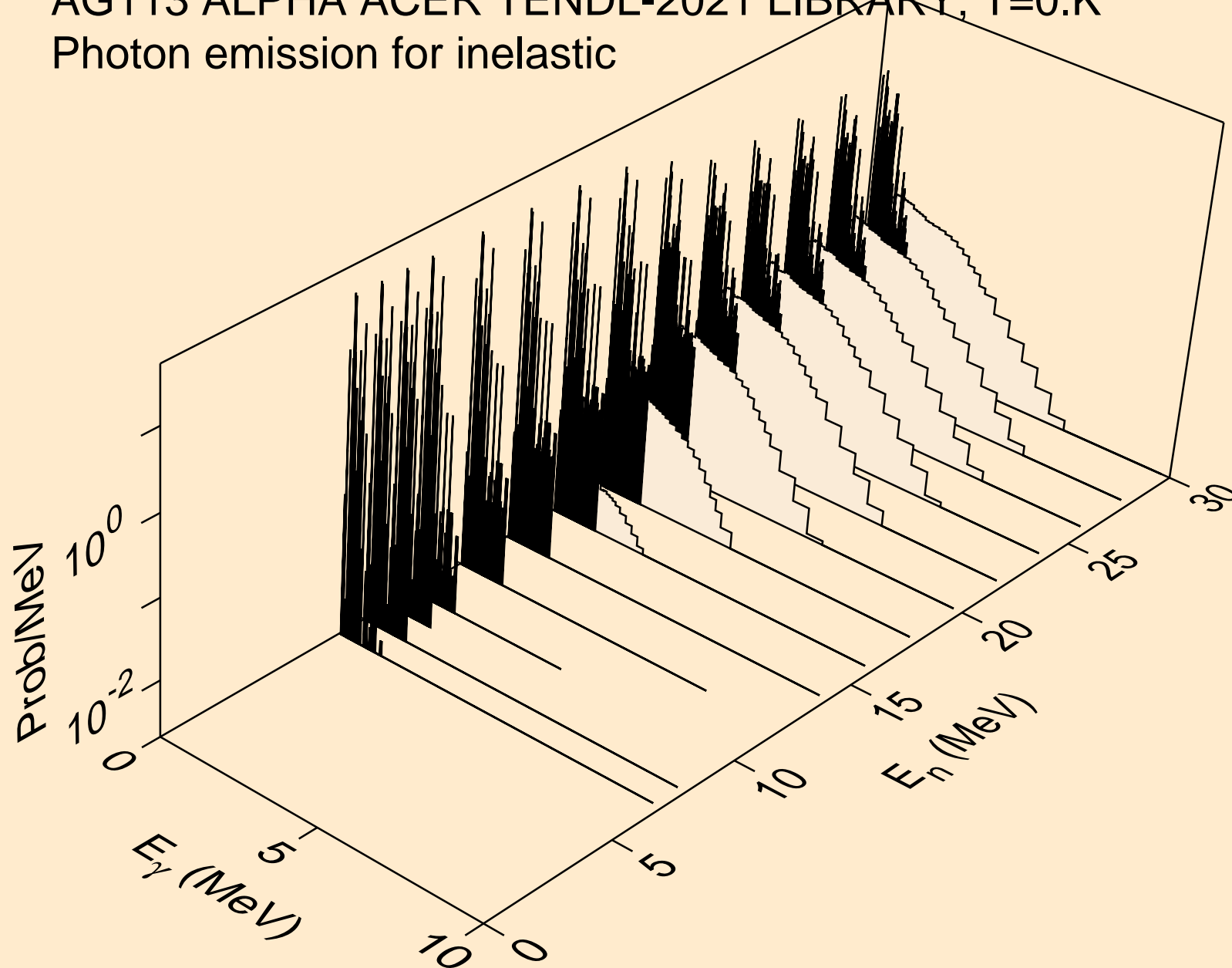




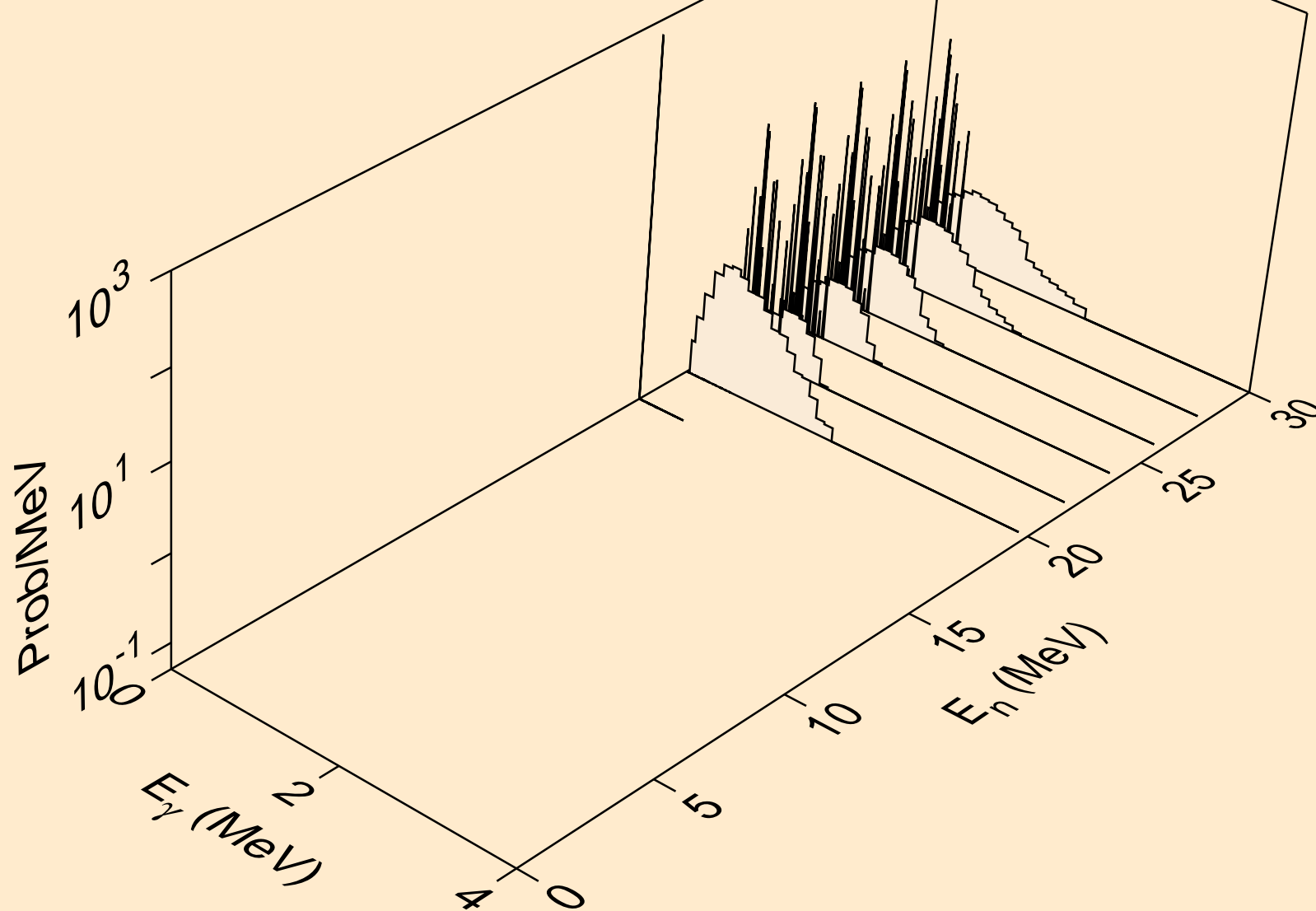
AG113 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,he3)



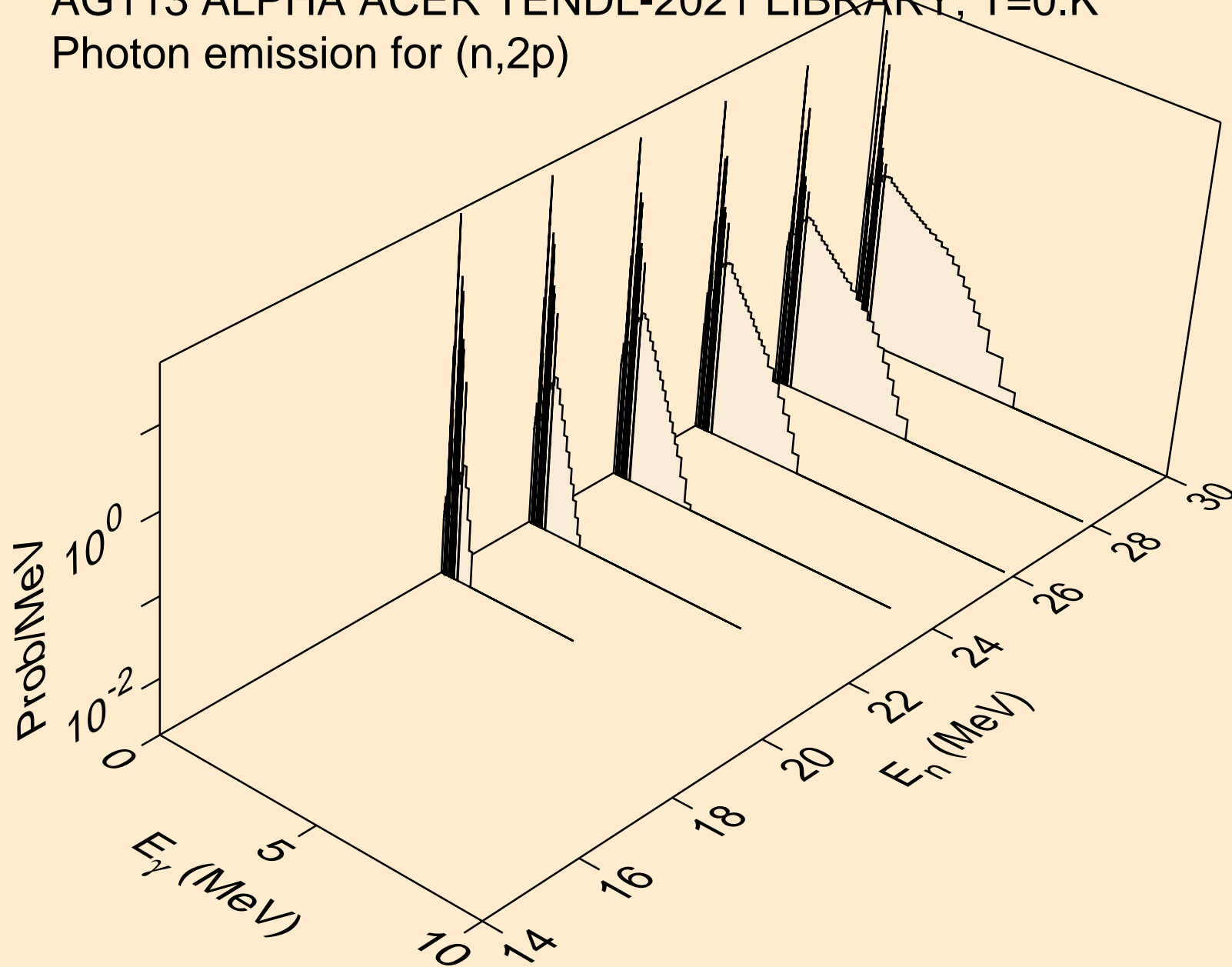
AG113 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic



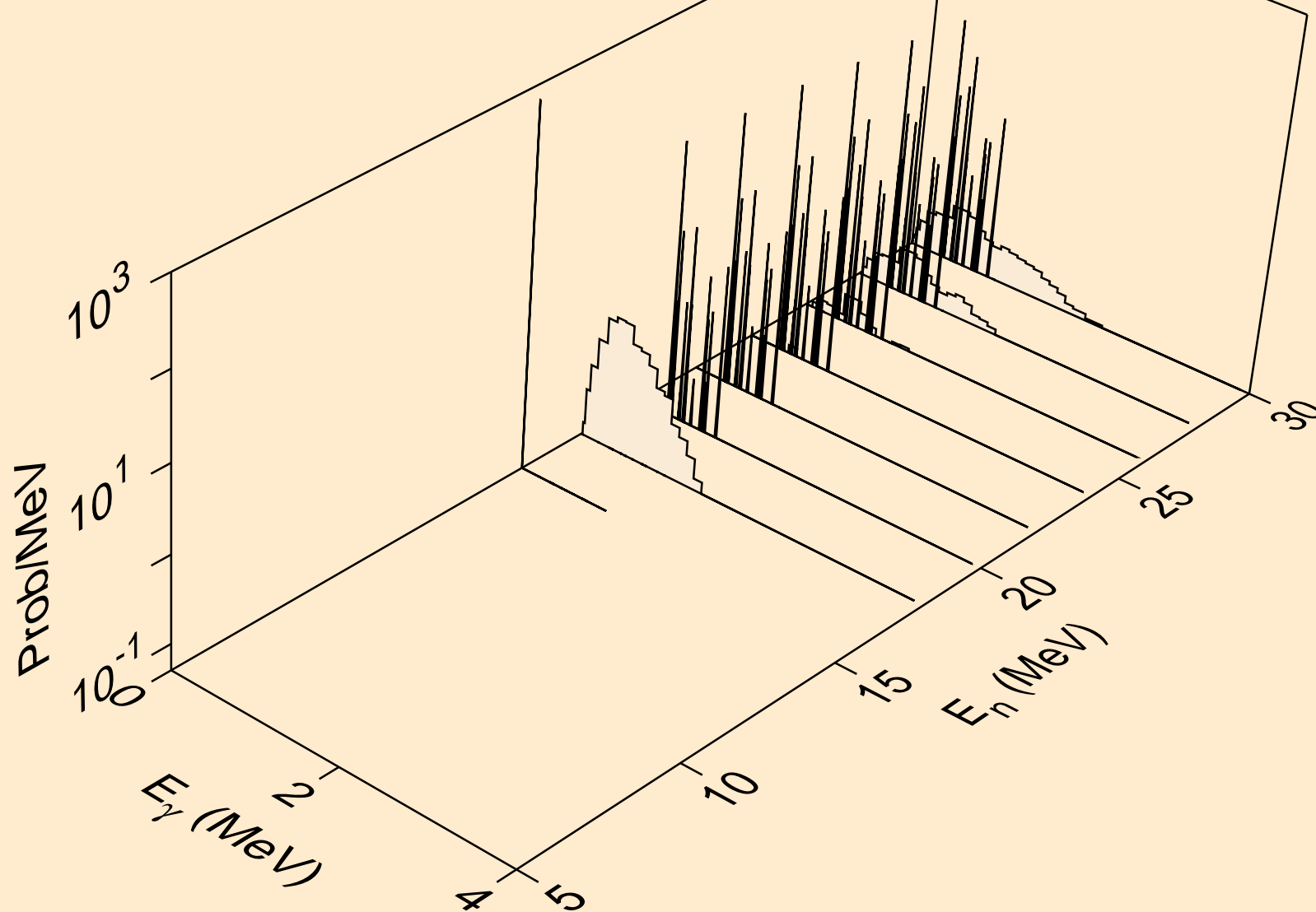
AG113 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)



AG113 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)

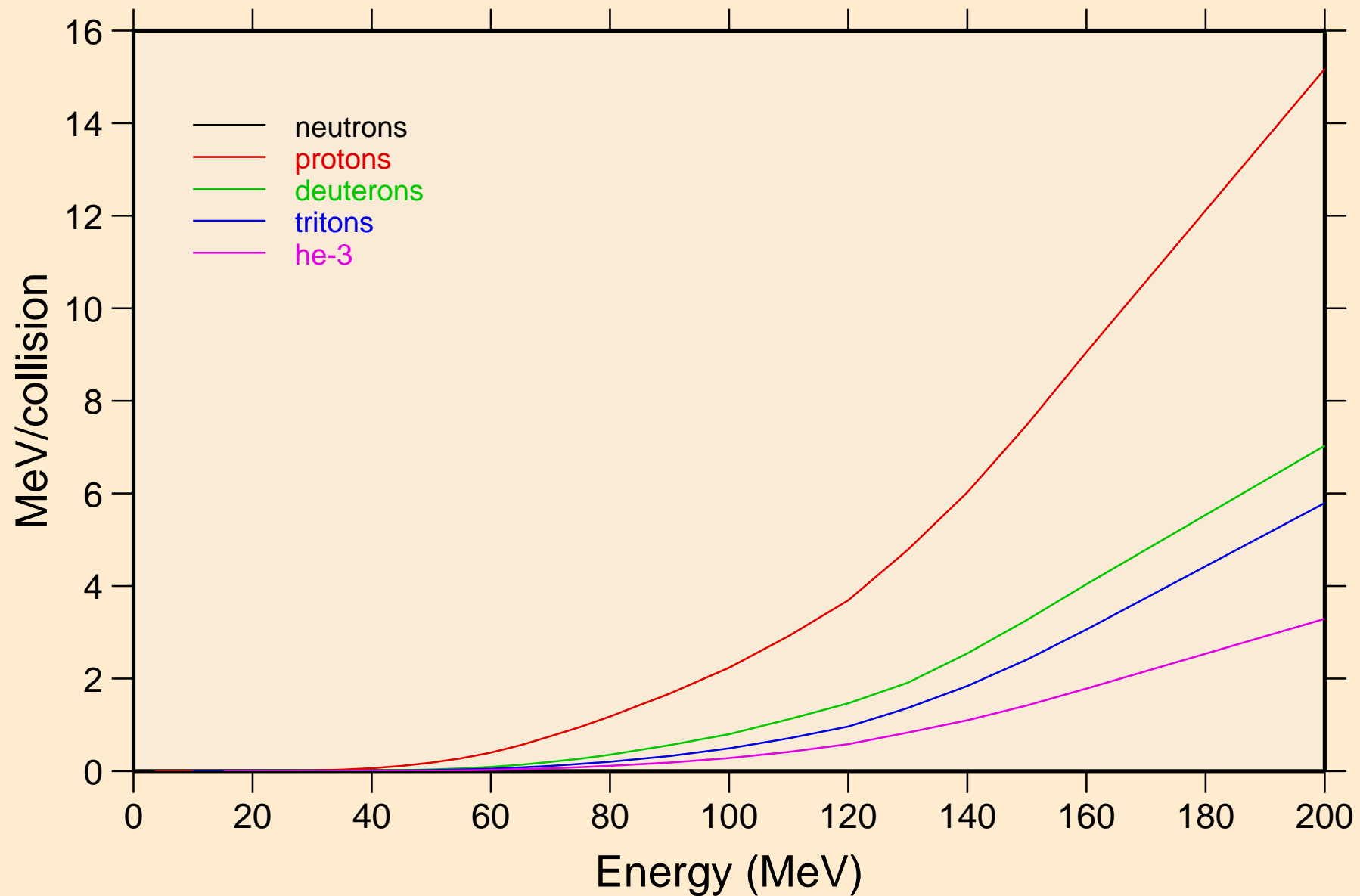


AG113 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p $\alpha$ )



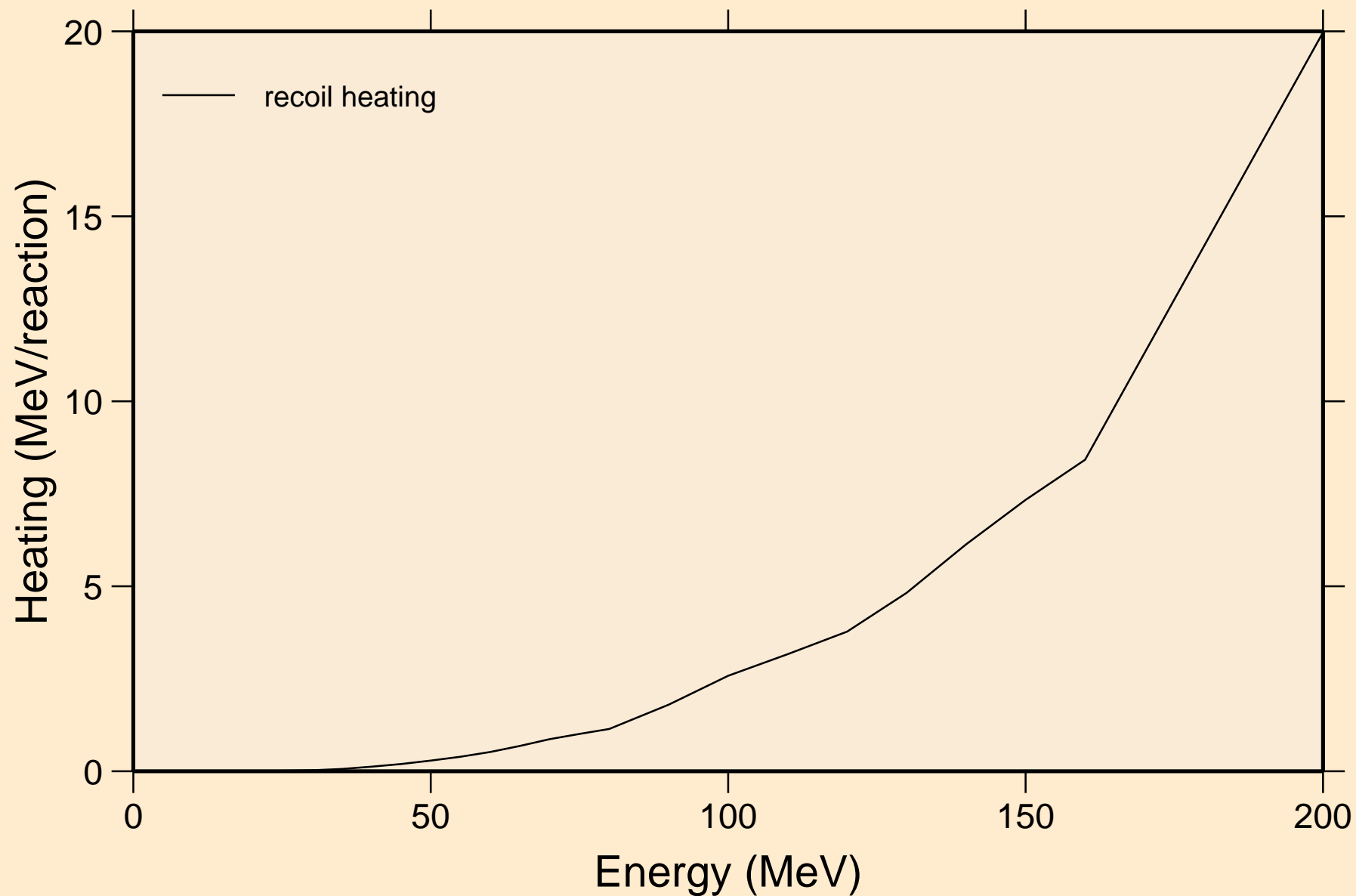
# AG113 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Particle heating contributions



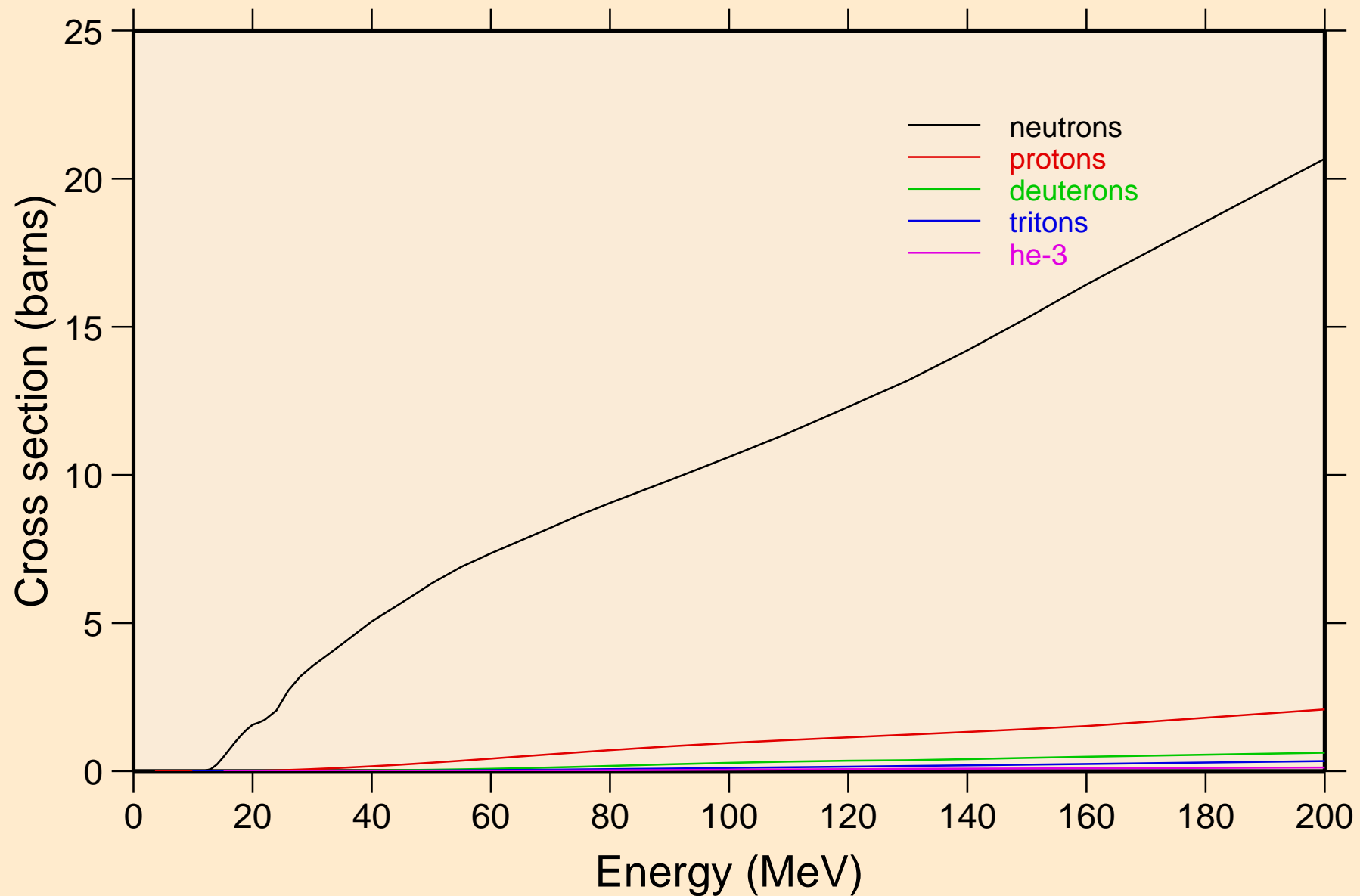
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Recoil Heating



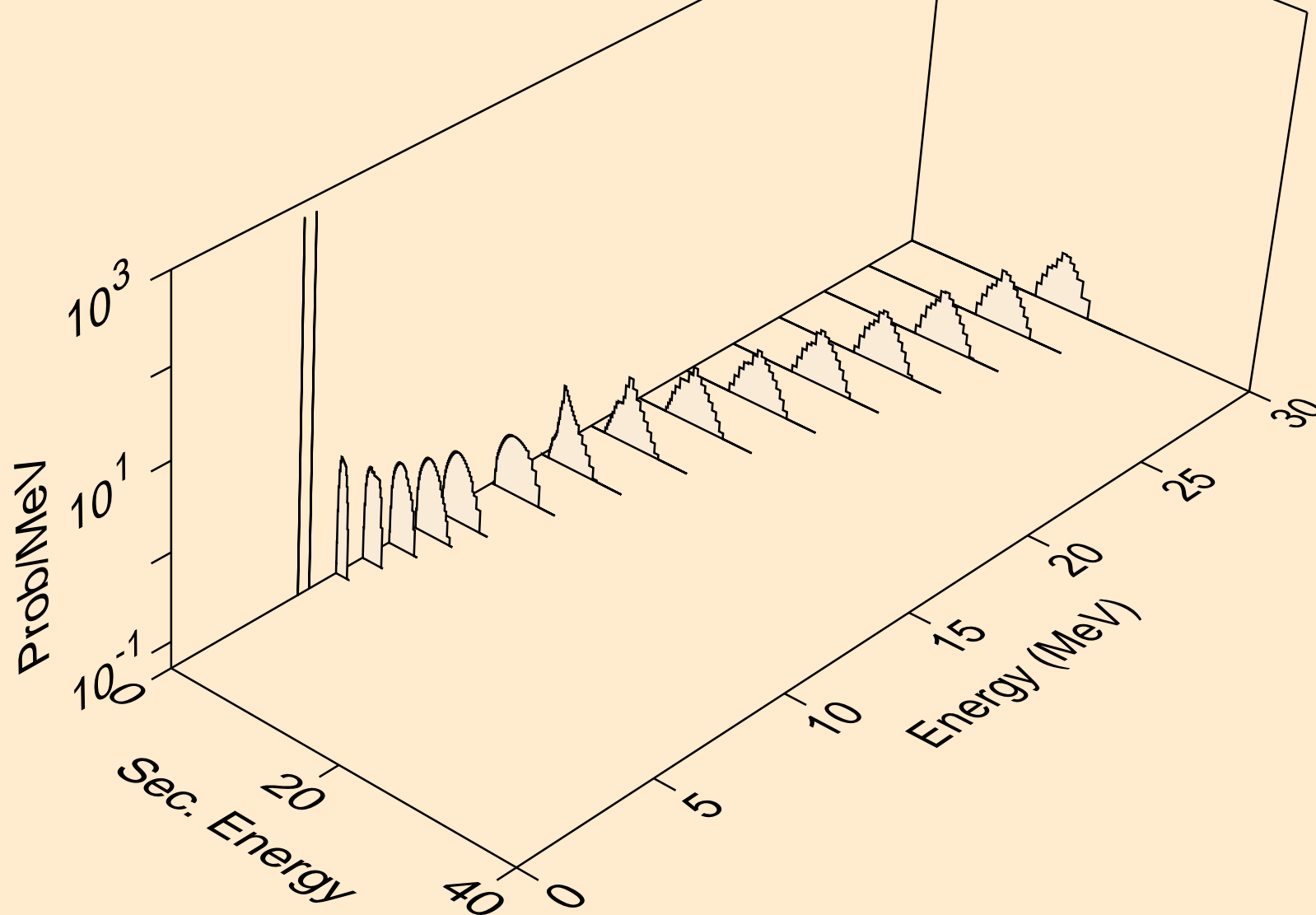
# AG113 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Particle production cross sections

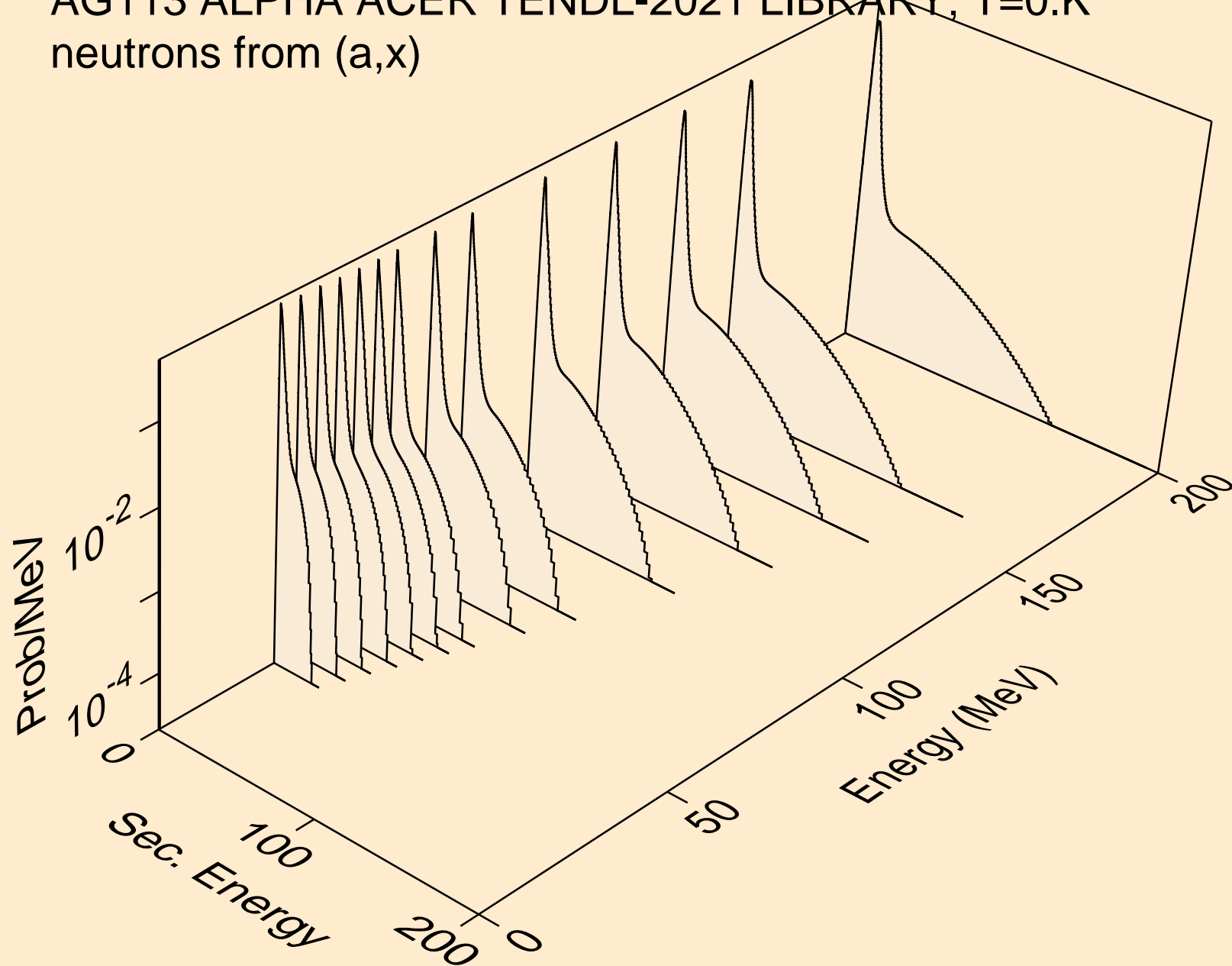




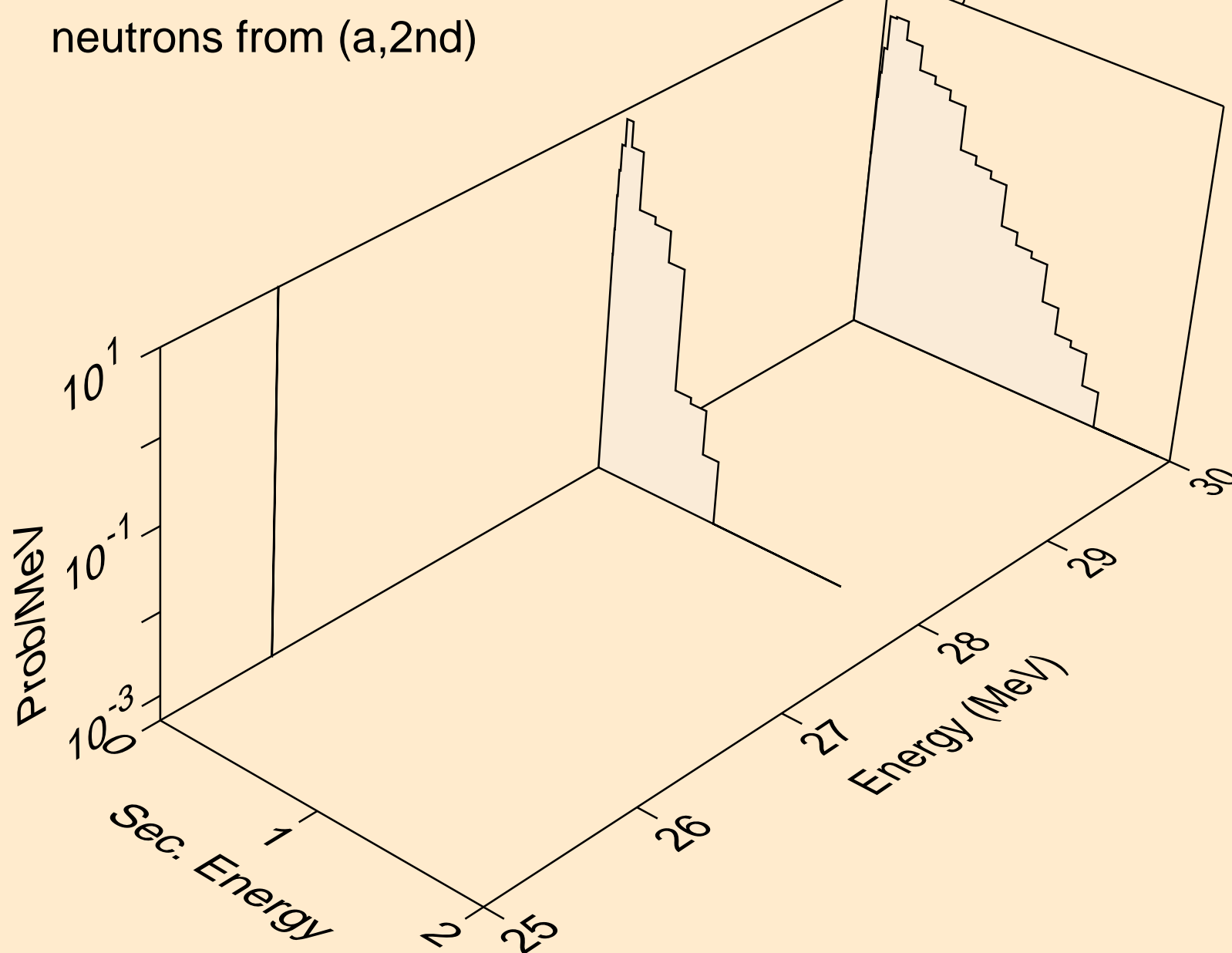
AG113 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n)



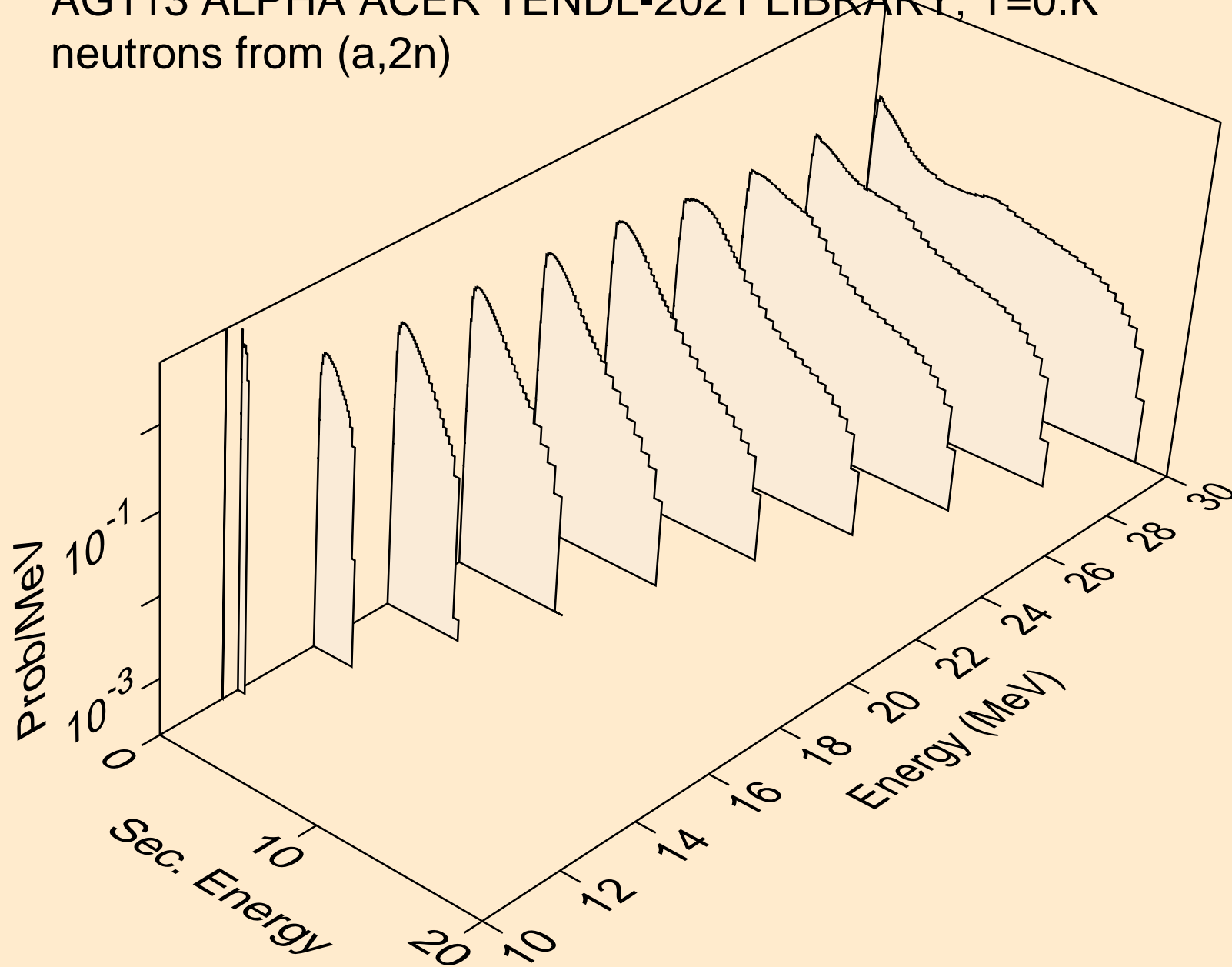
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neutrons from (a,x)



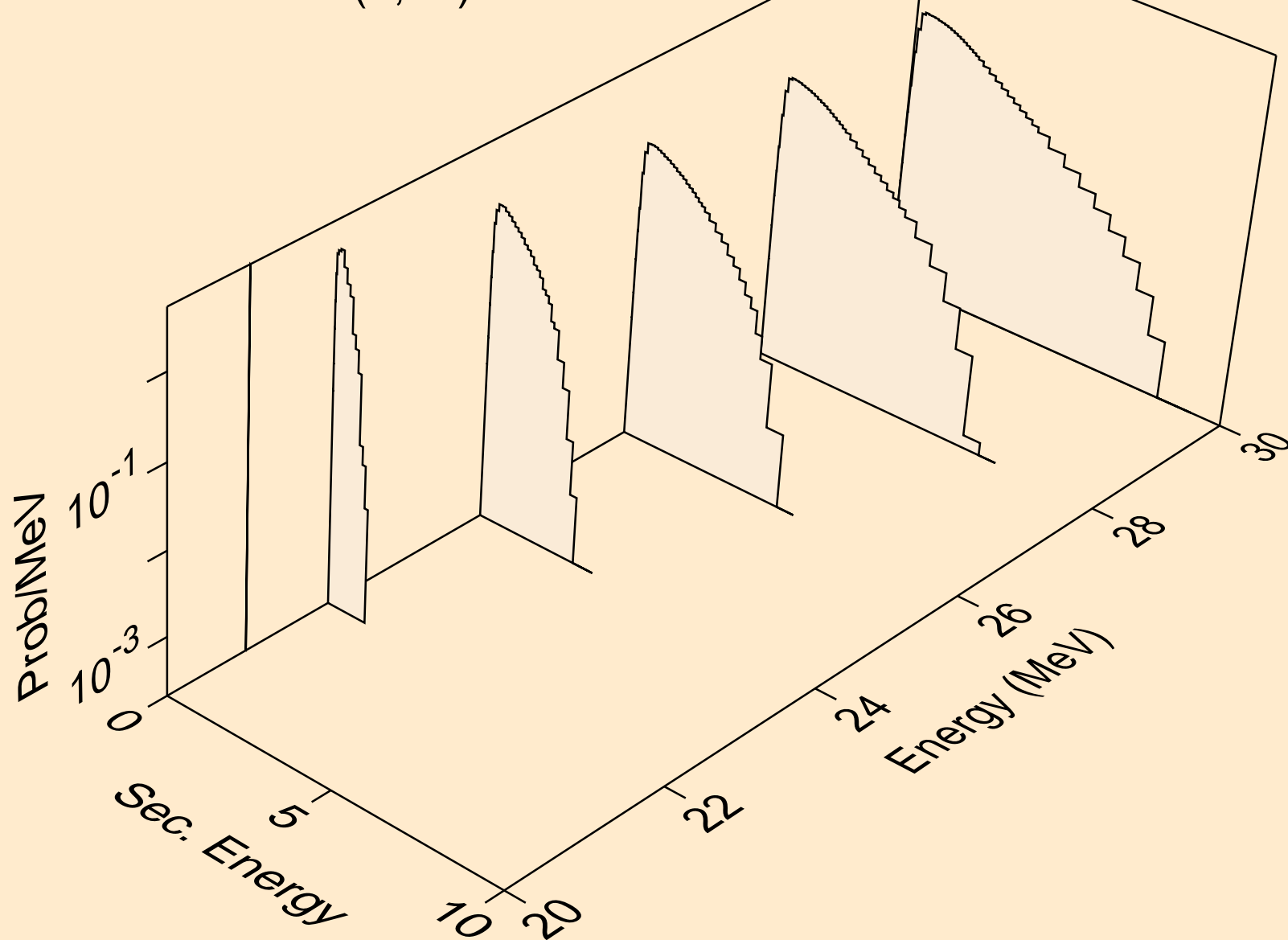
AG113 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2nd)



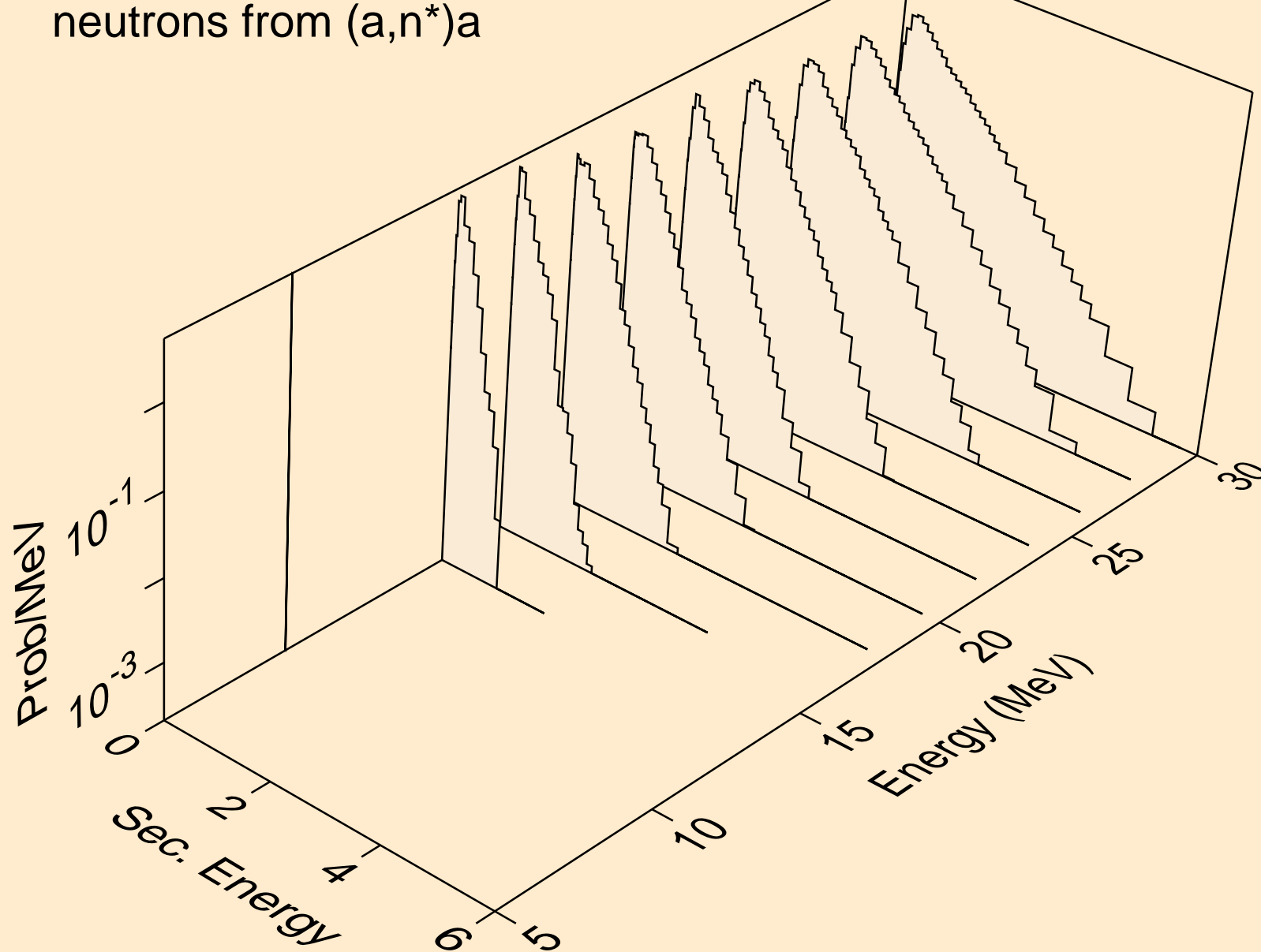
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neutrons from (a,2n)



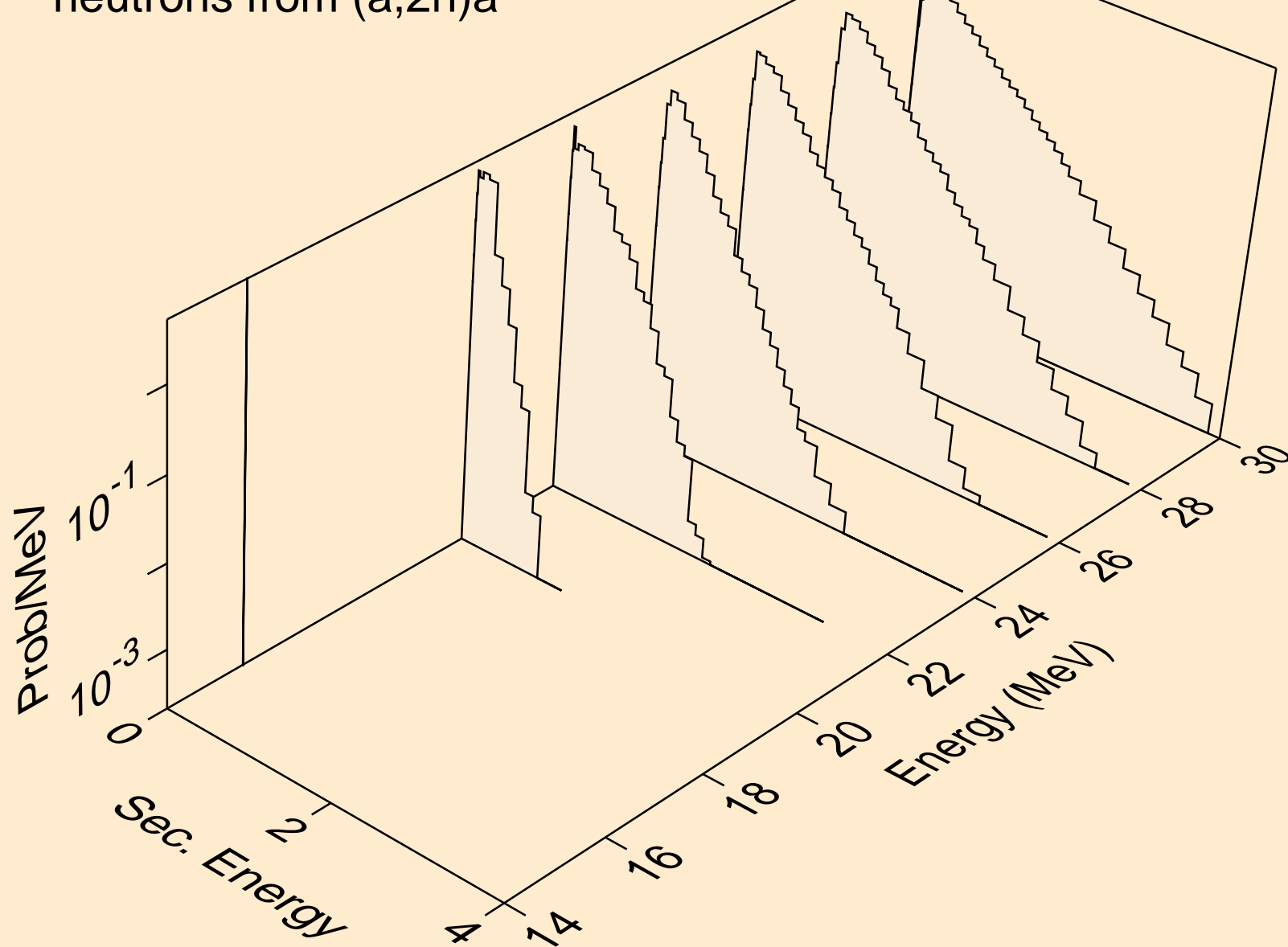
AG113 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,3n)



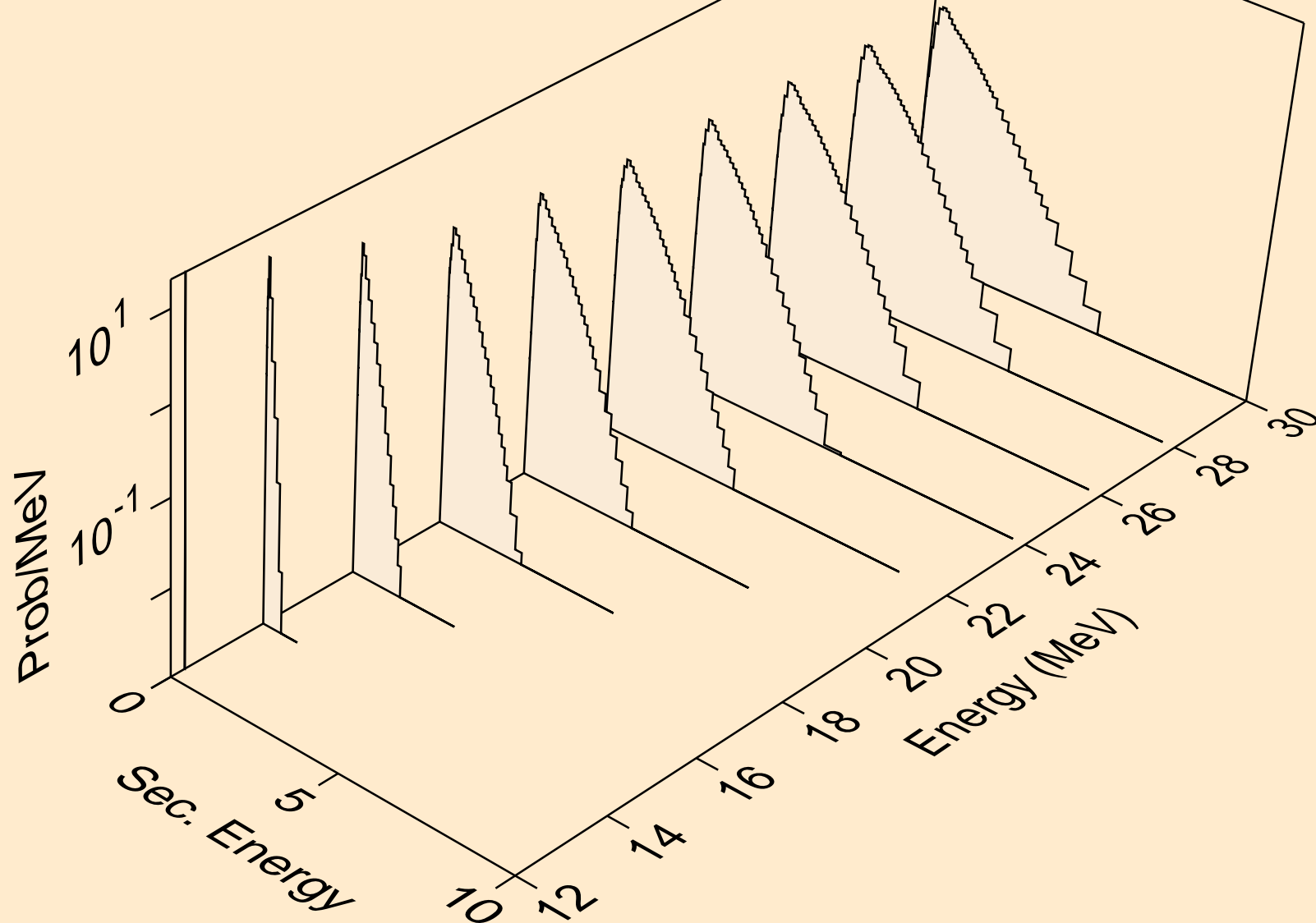
AG113 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)a



AG113 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2n)a

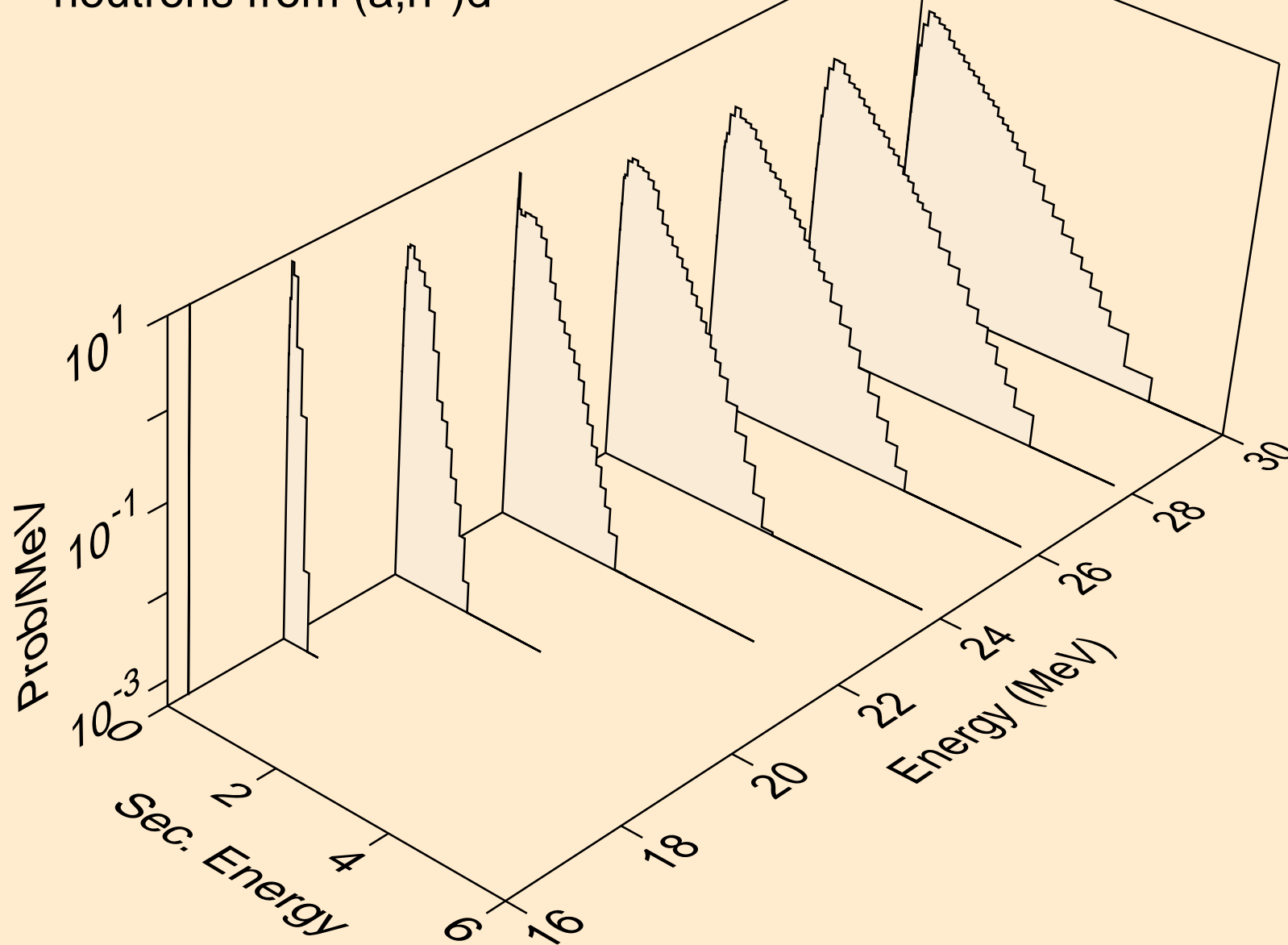


AG113 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)p

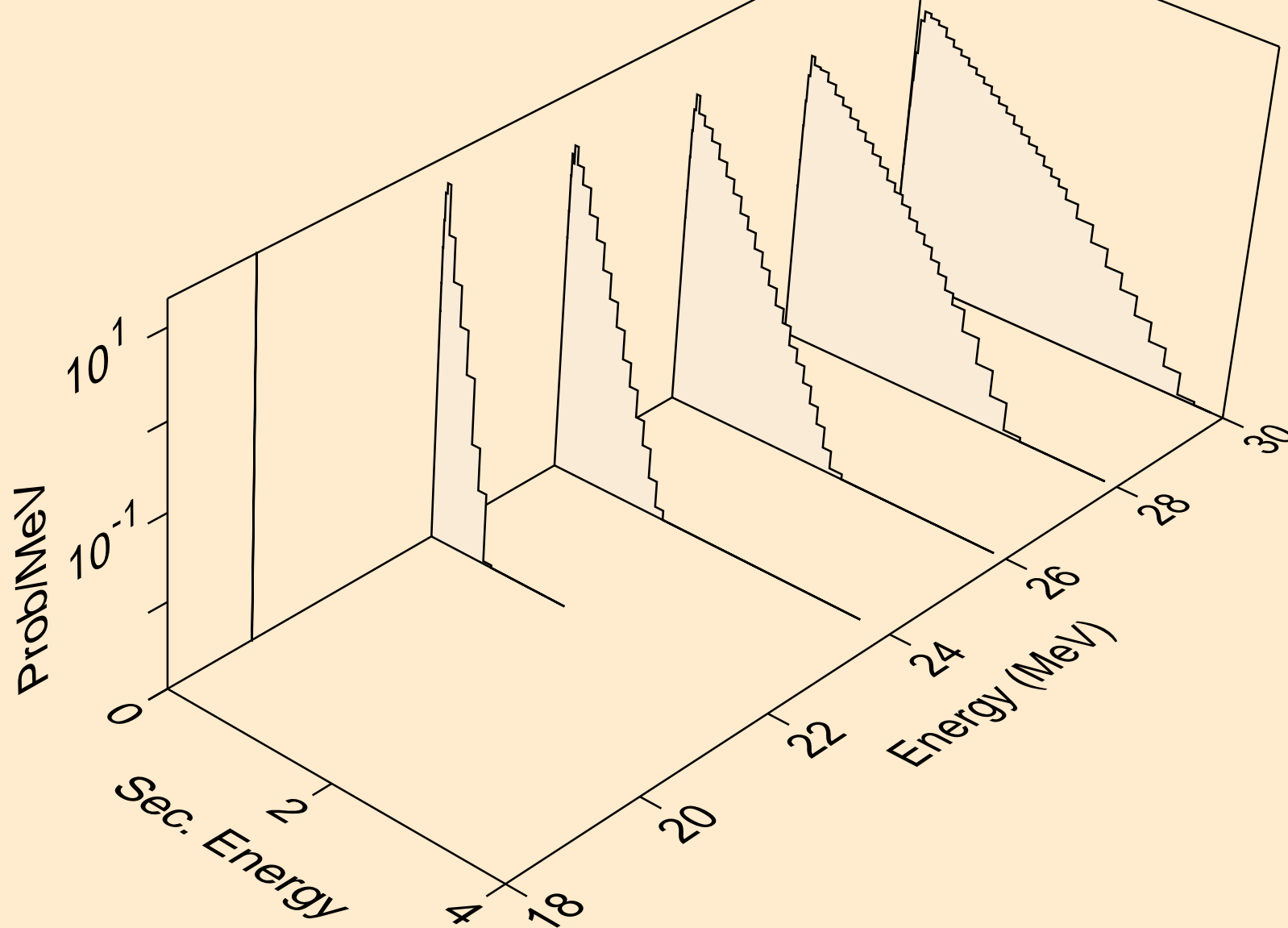




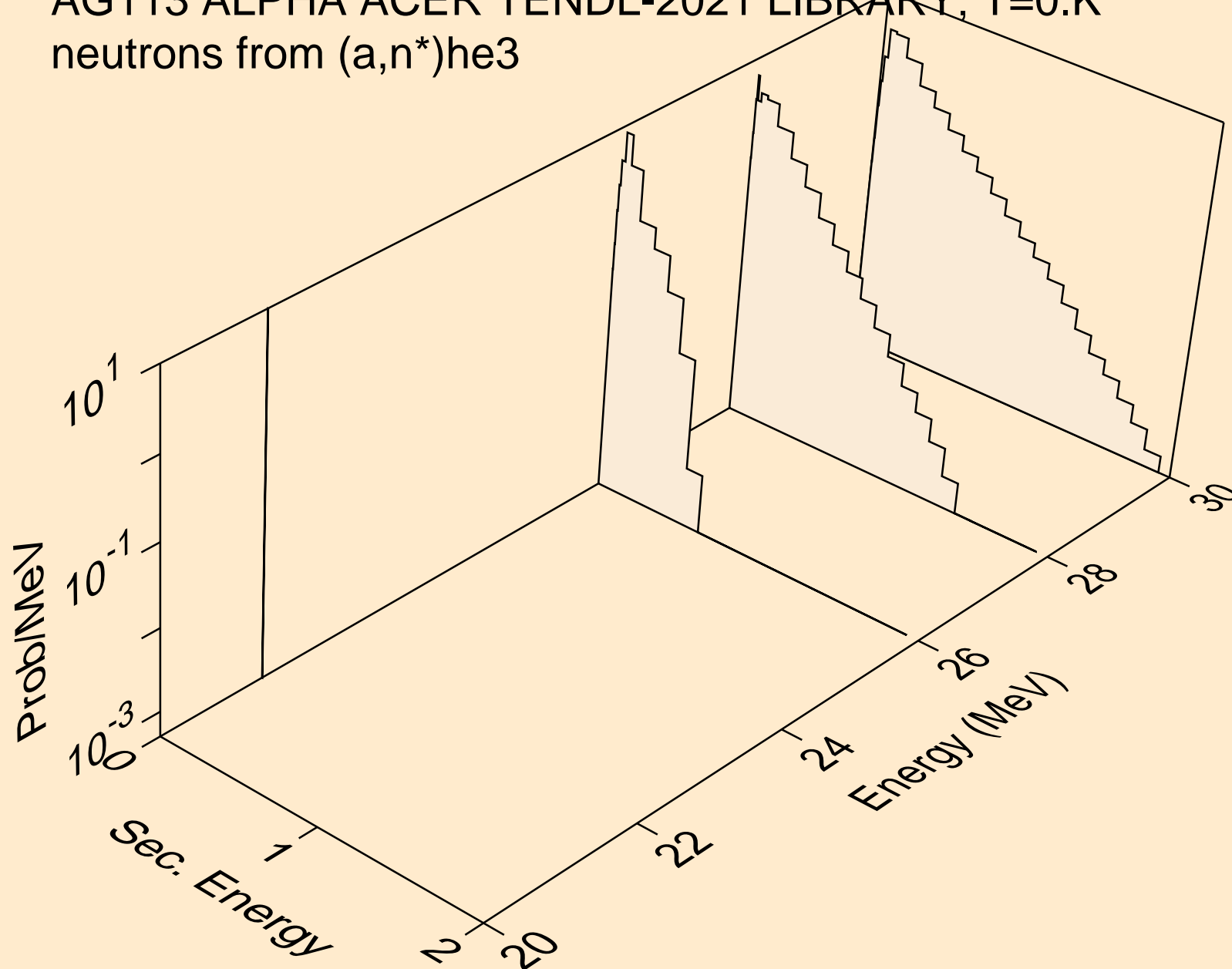
AG113 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)d



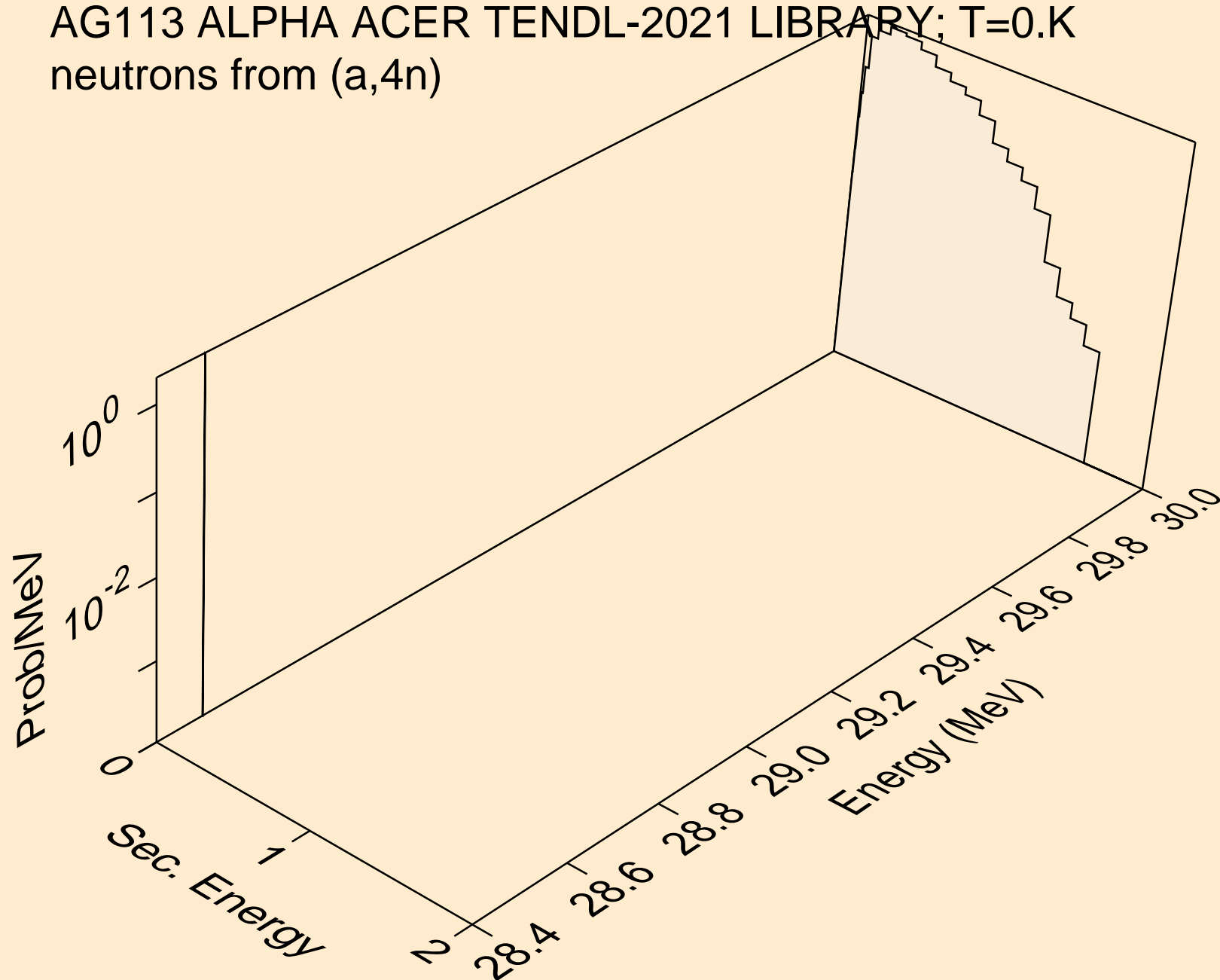
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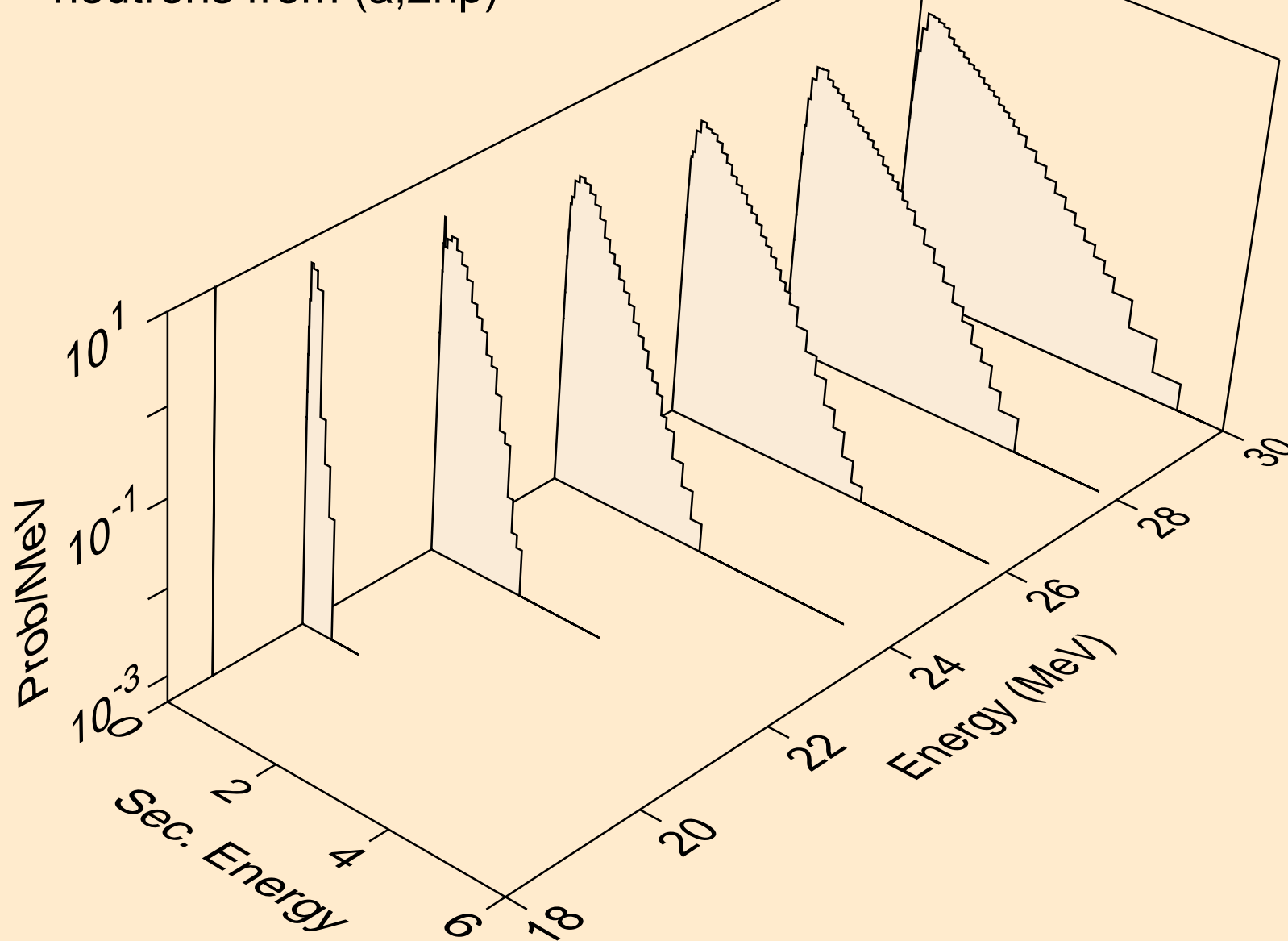
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neutrons from (a,n\*)he3



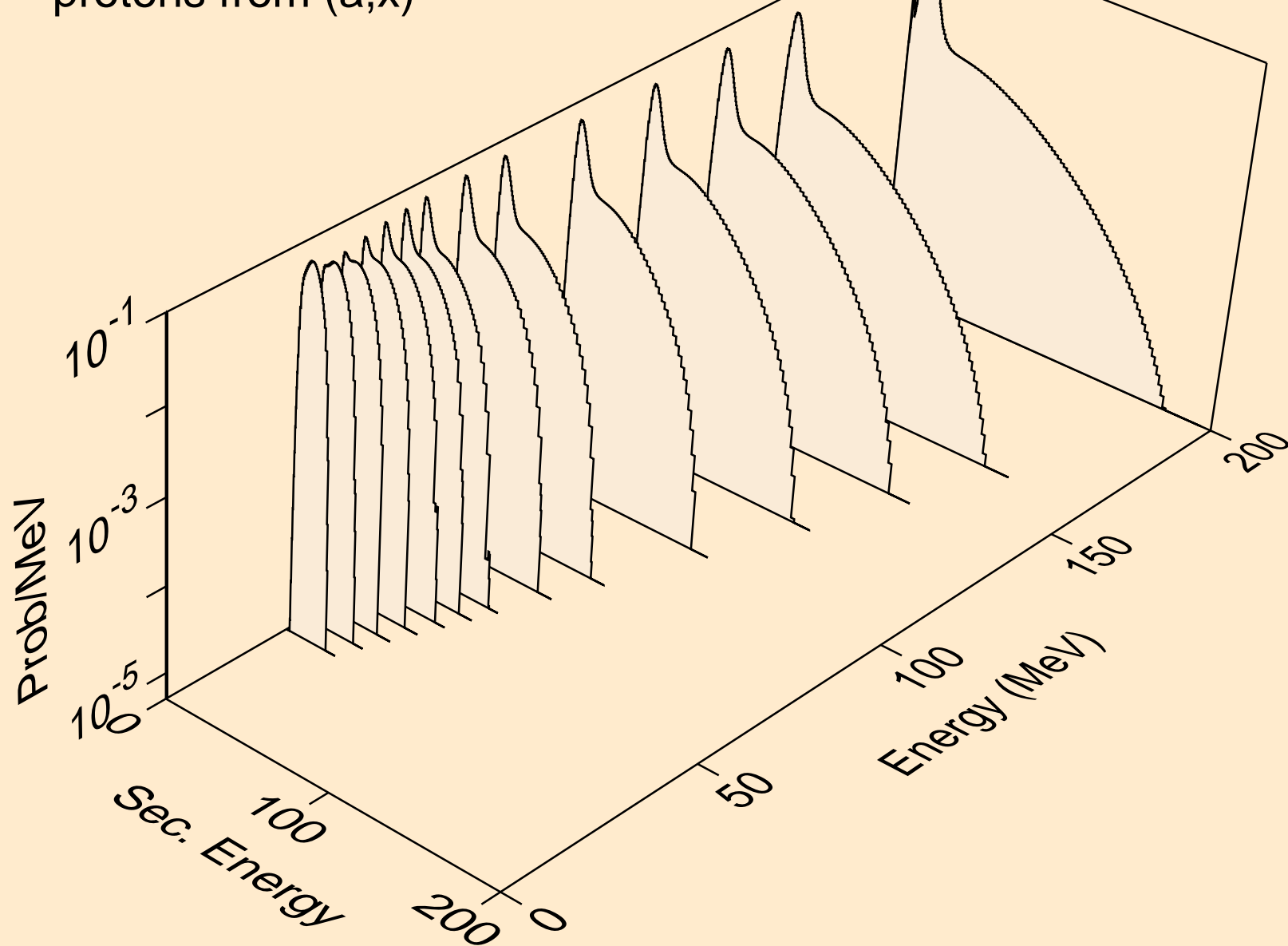
AG113 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,4n)



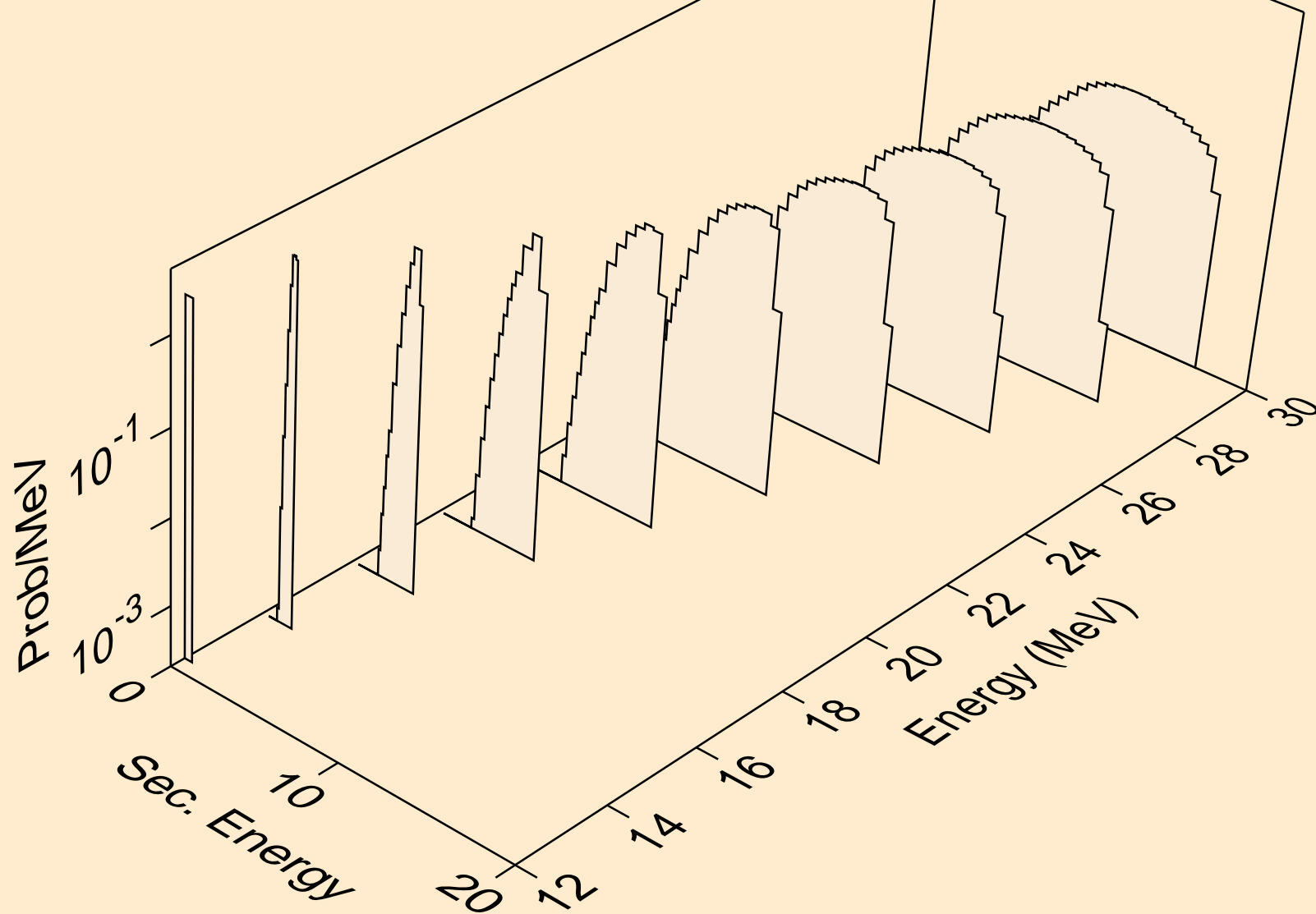
AG113 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2np)



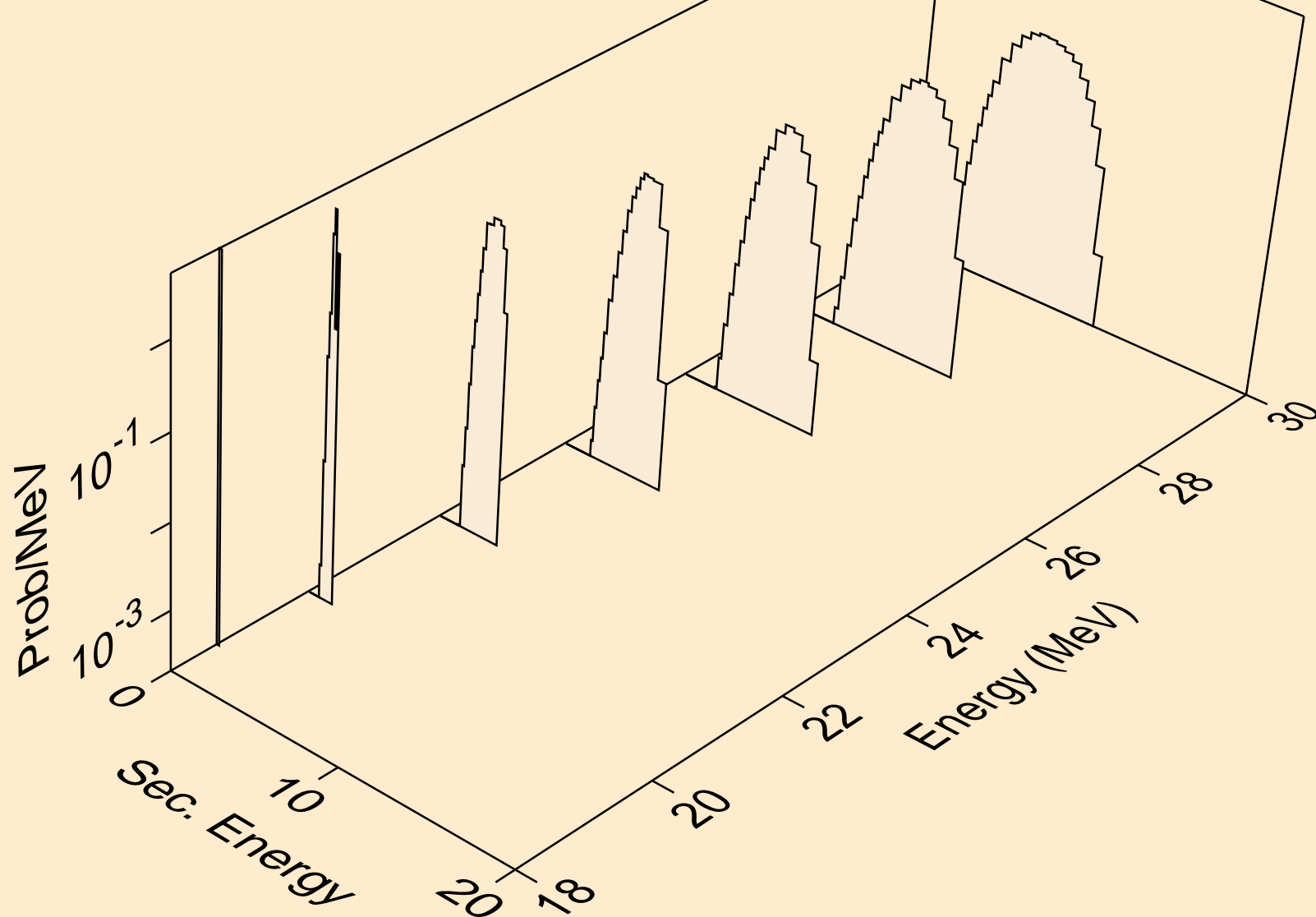
AG113 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,x)



AG113 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,n\*)p

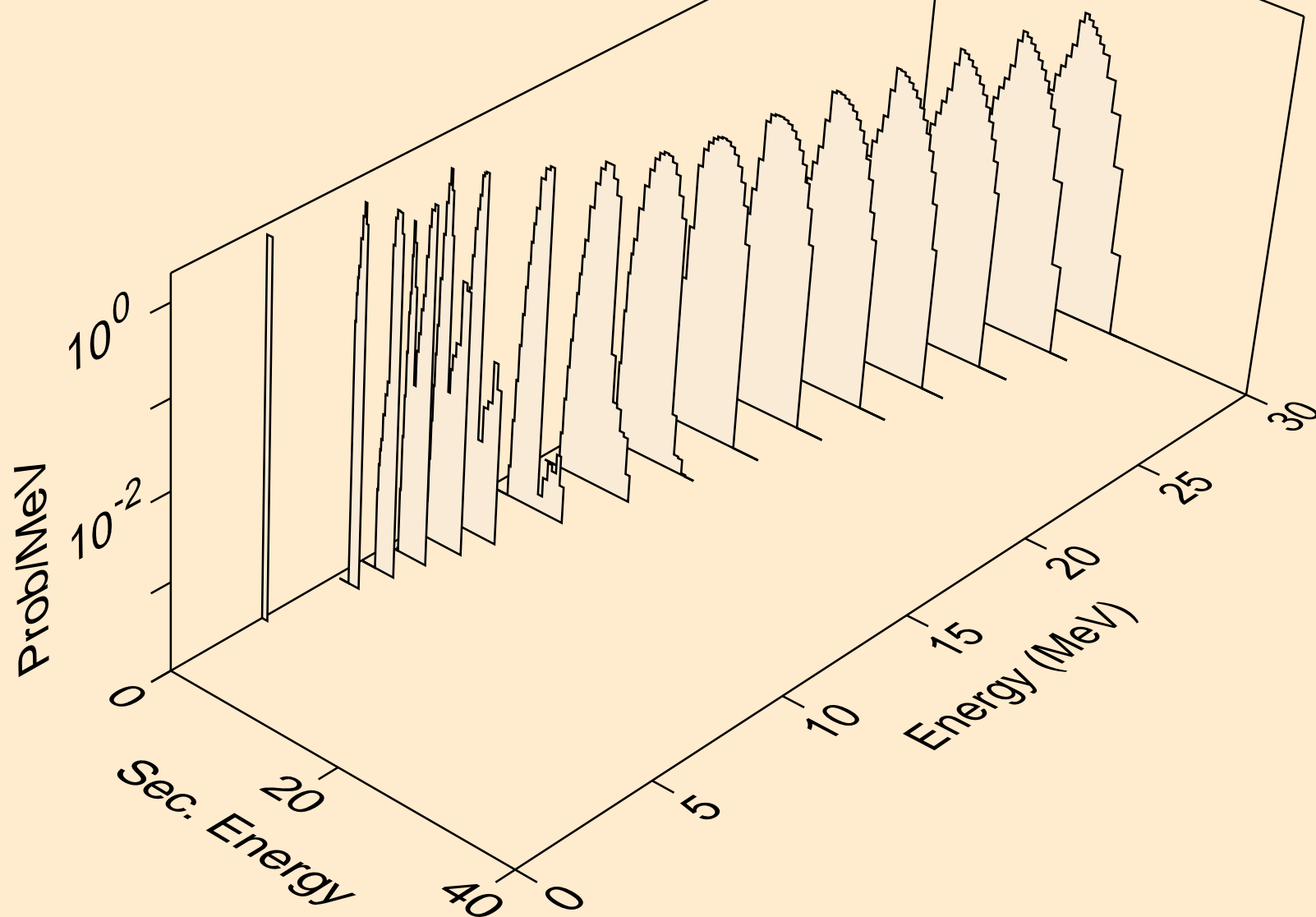


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protons from (a,2np)

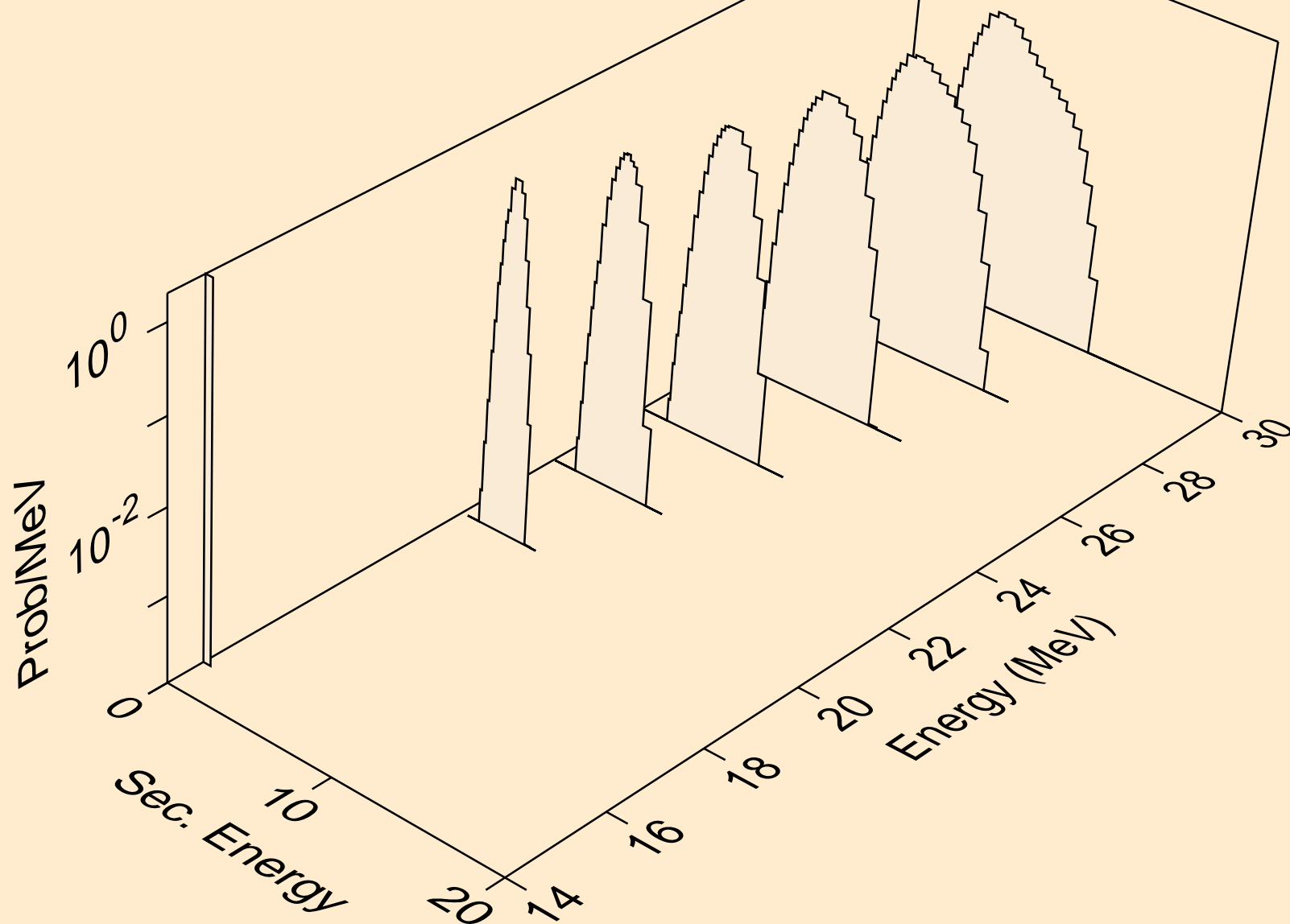




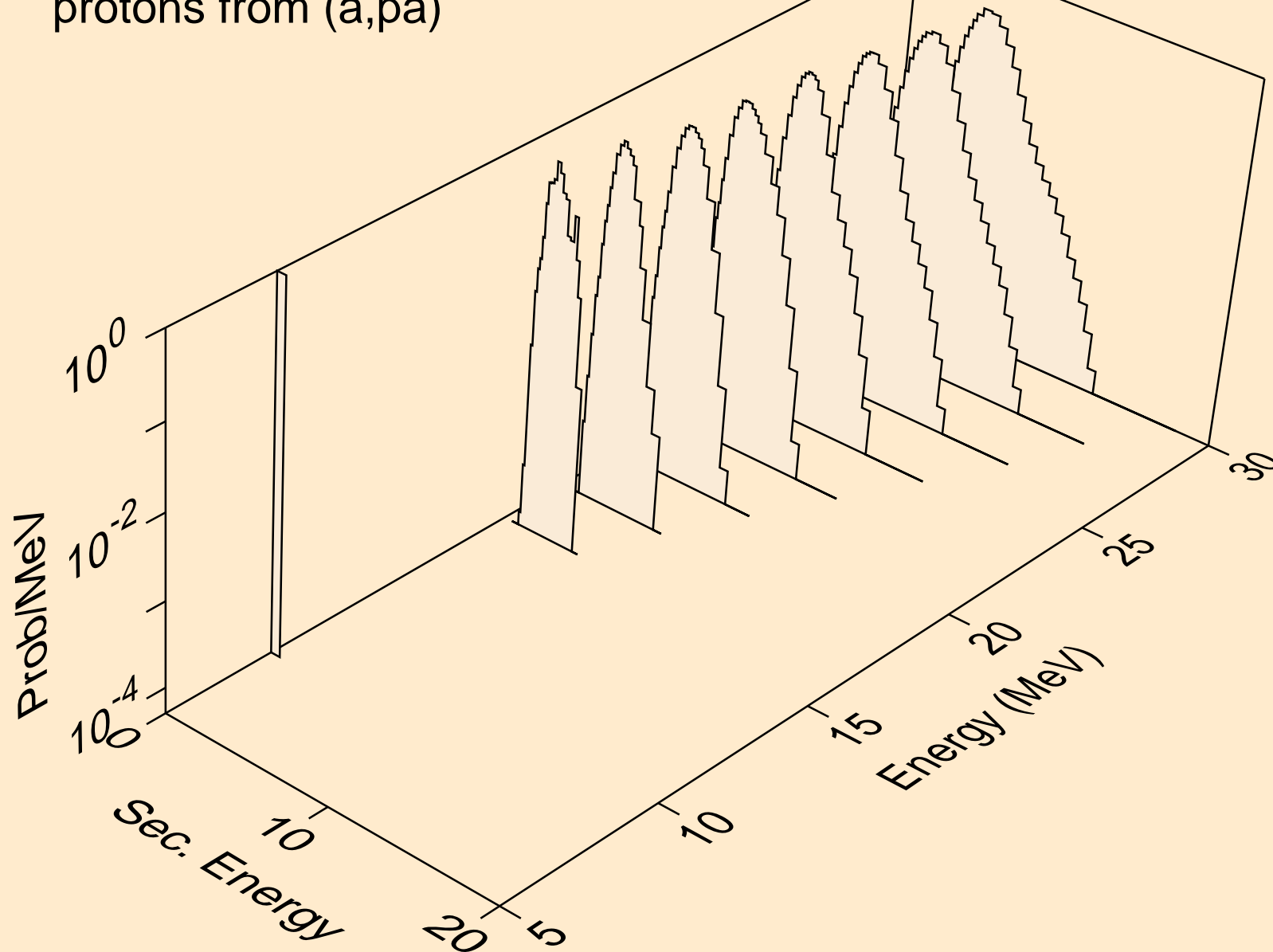
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protons from (a,p)



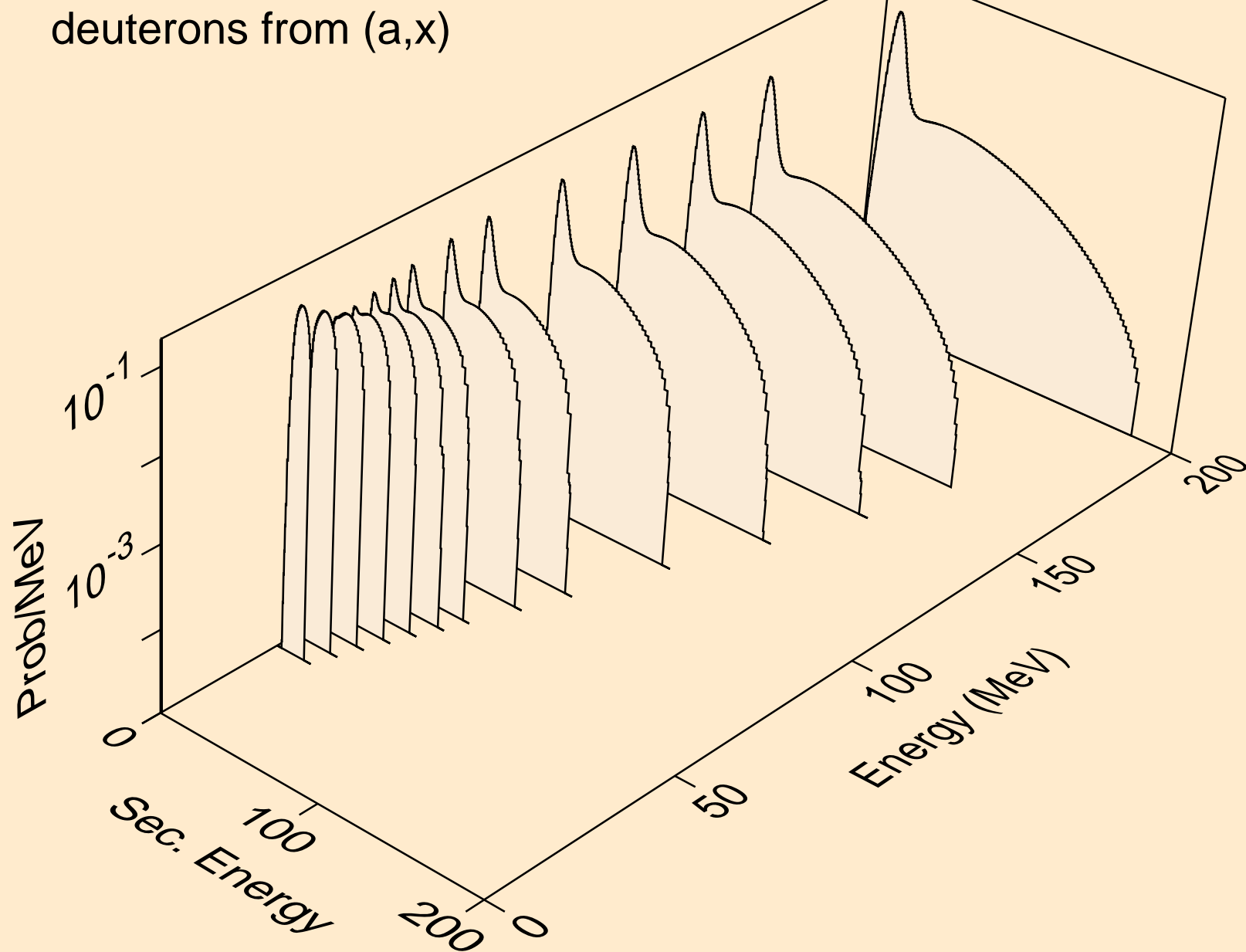
AG113 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2p)



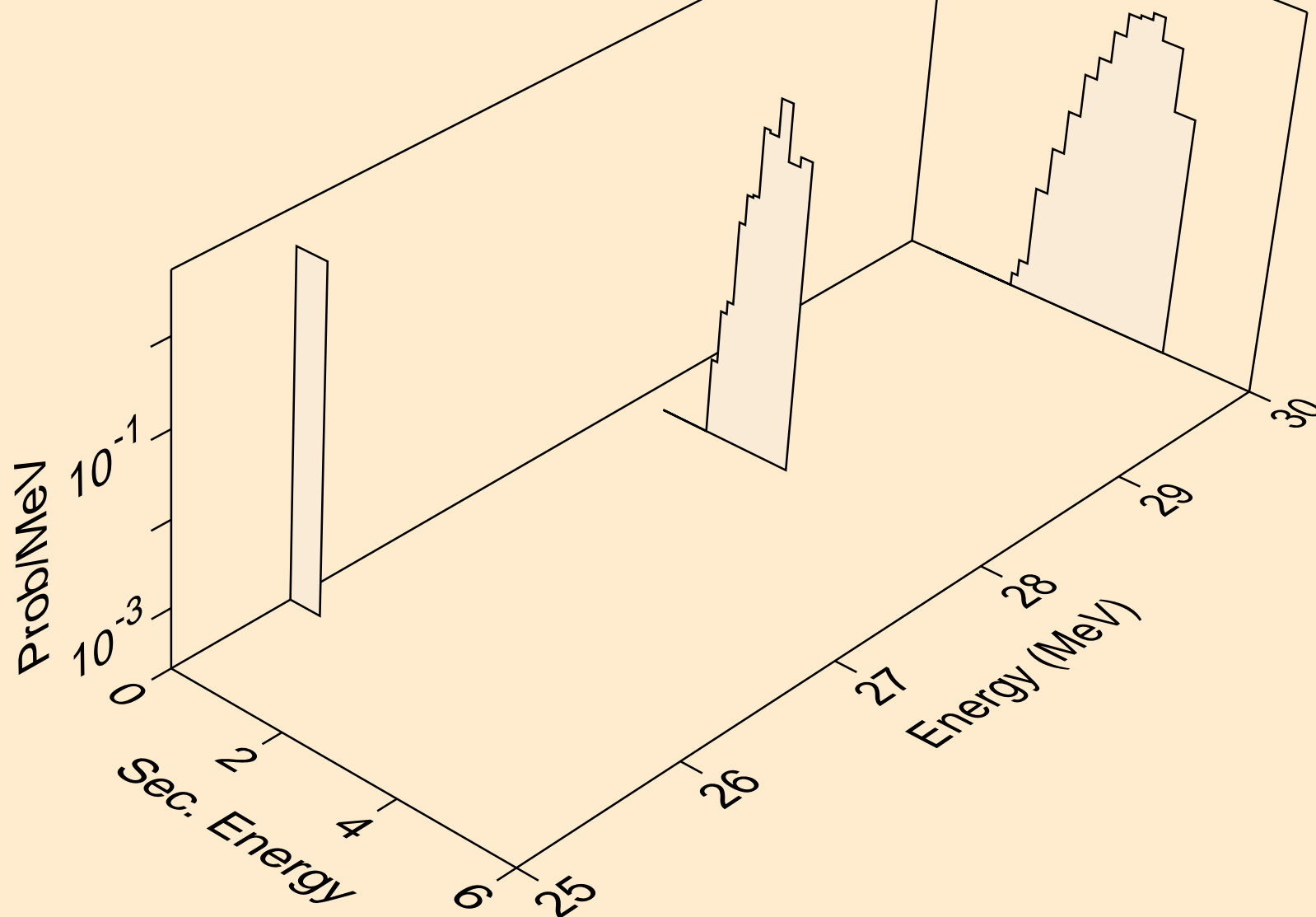
AG113 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,p<sub>a</sub>)



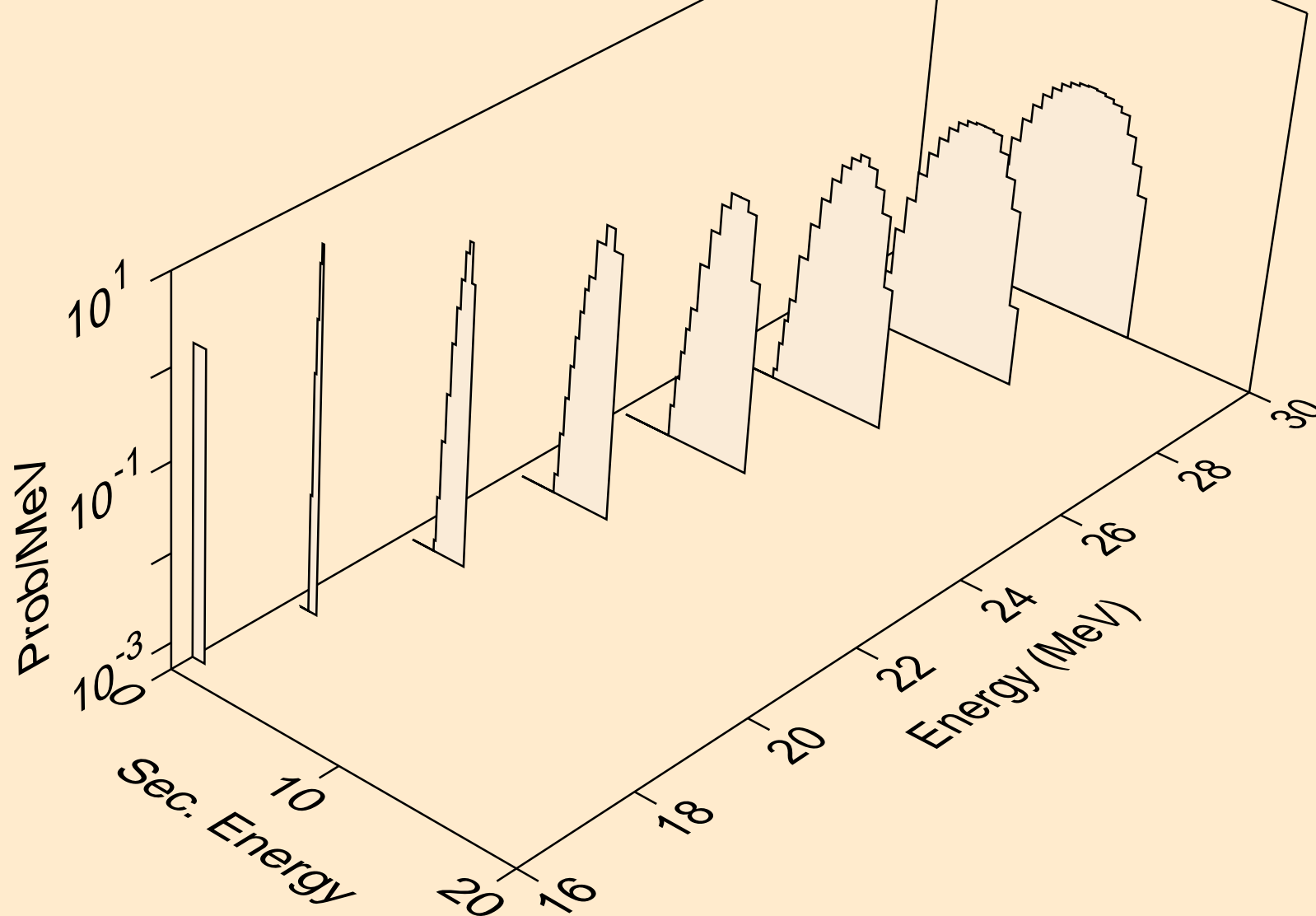
AG113 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,x)



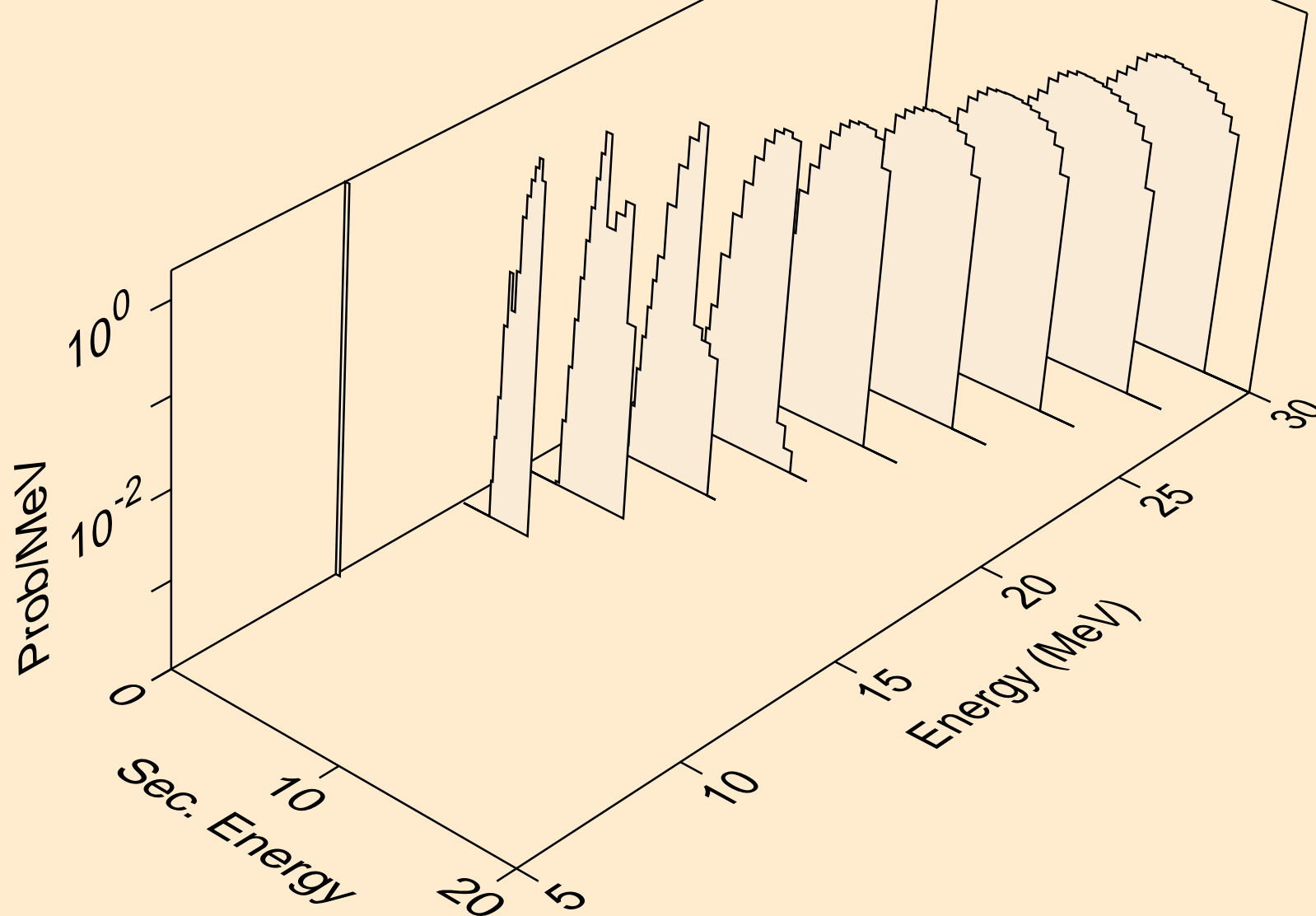
AG113 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,2nd)



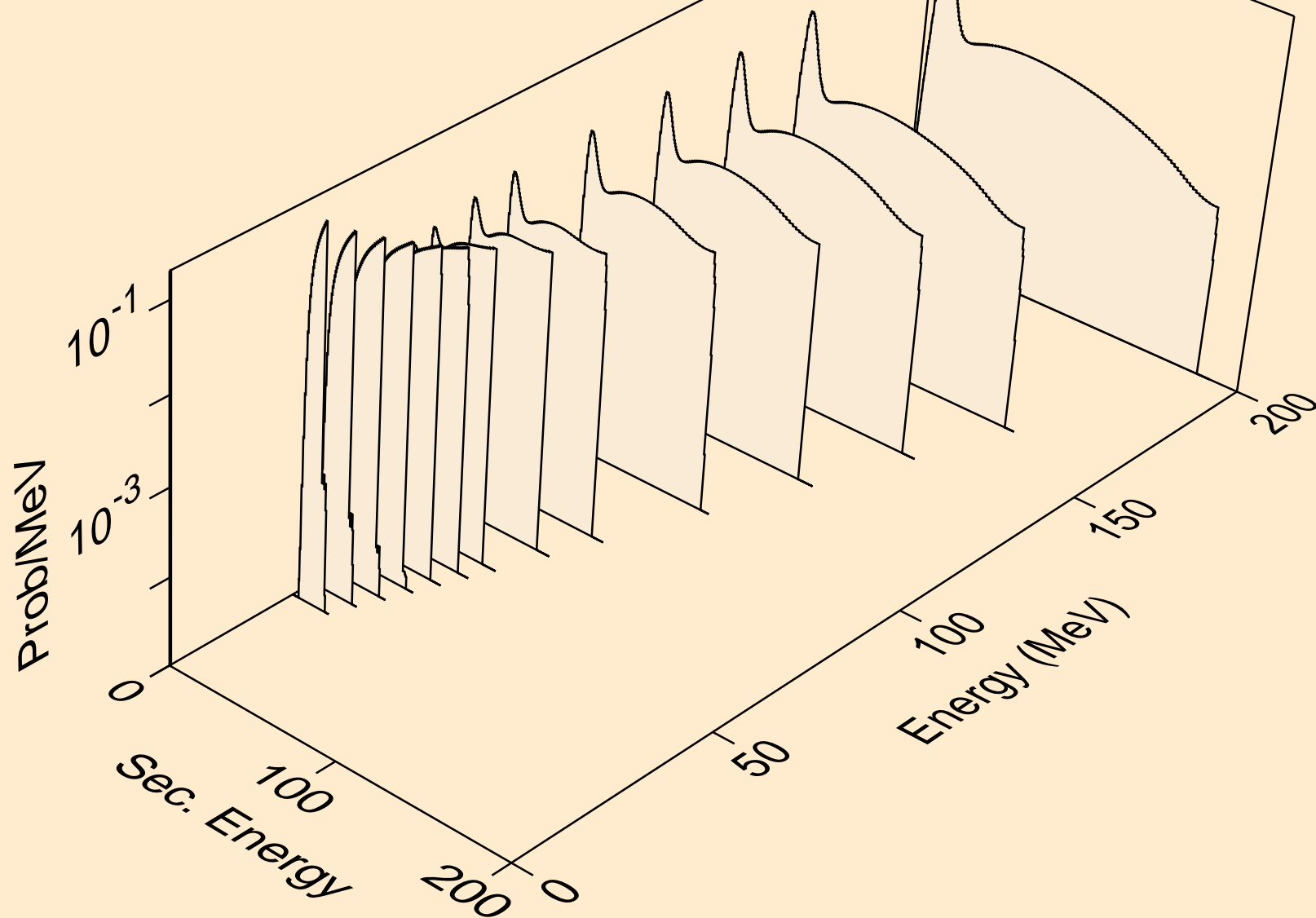
AG113 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,n\*)d



AG113 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,d)

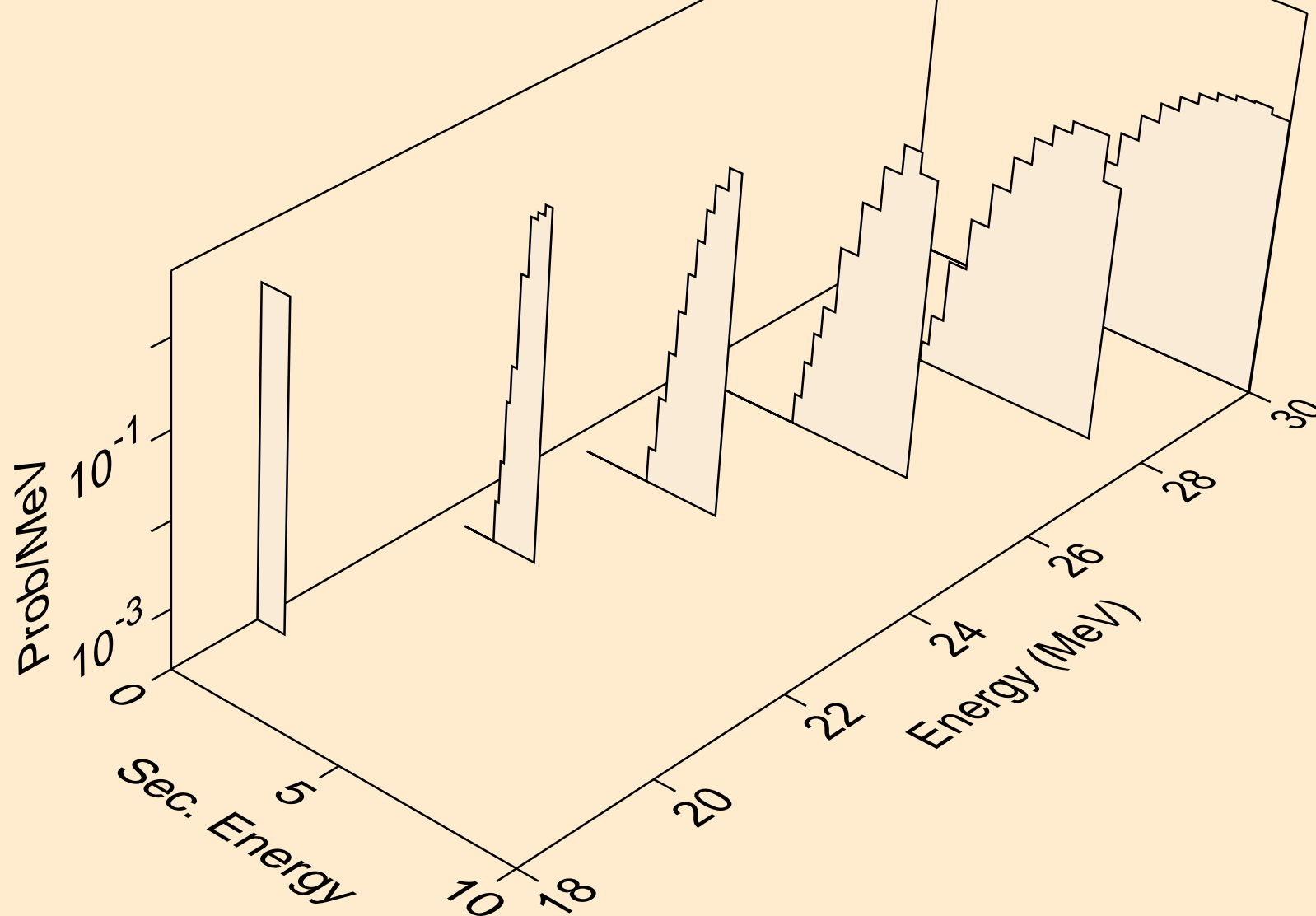


AG113 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,x)

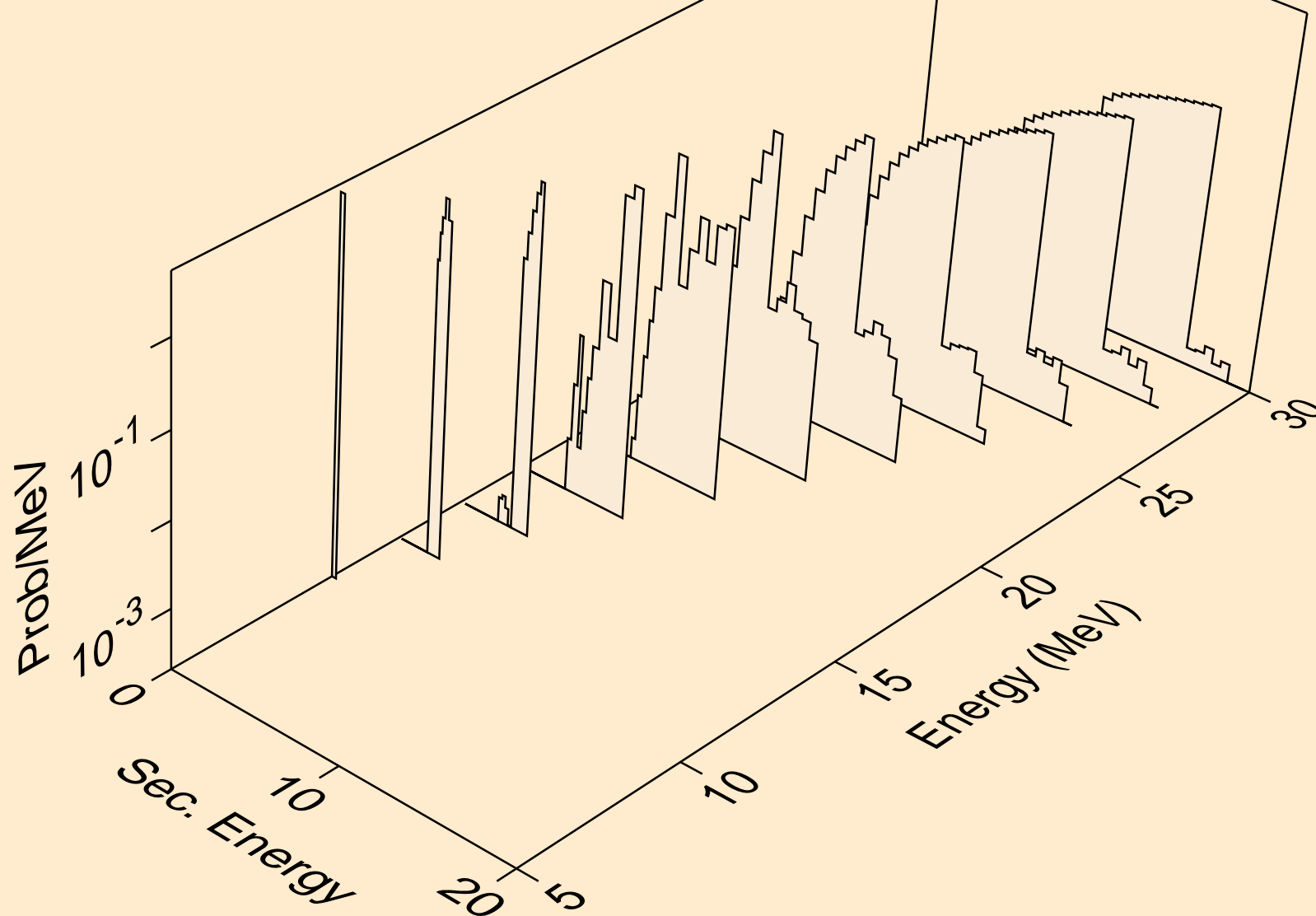




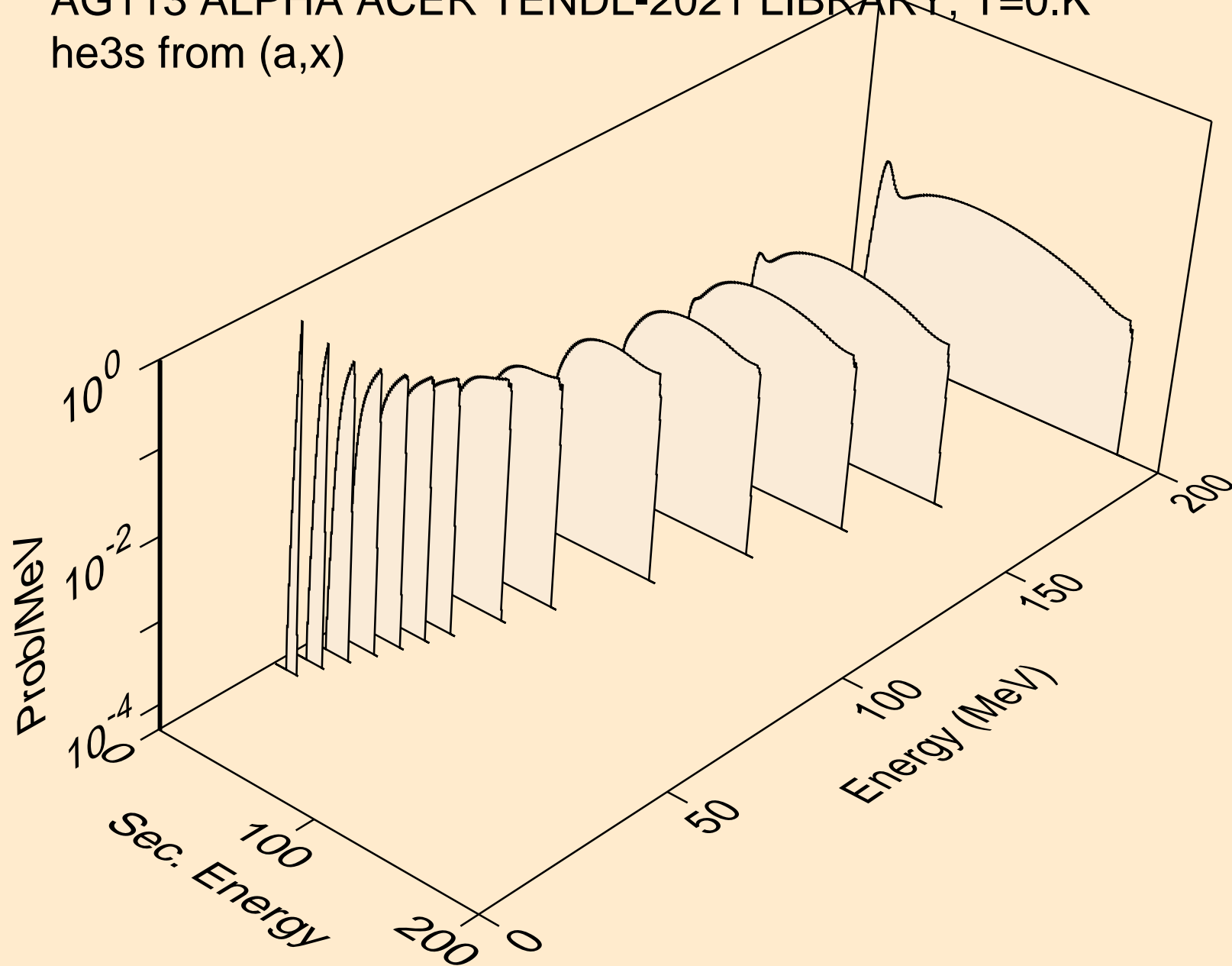
AG113 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,n\*)t



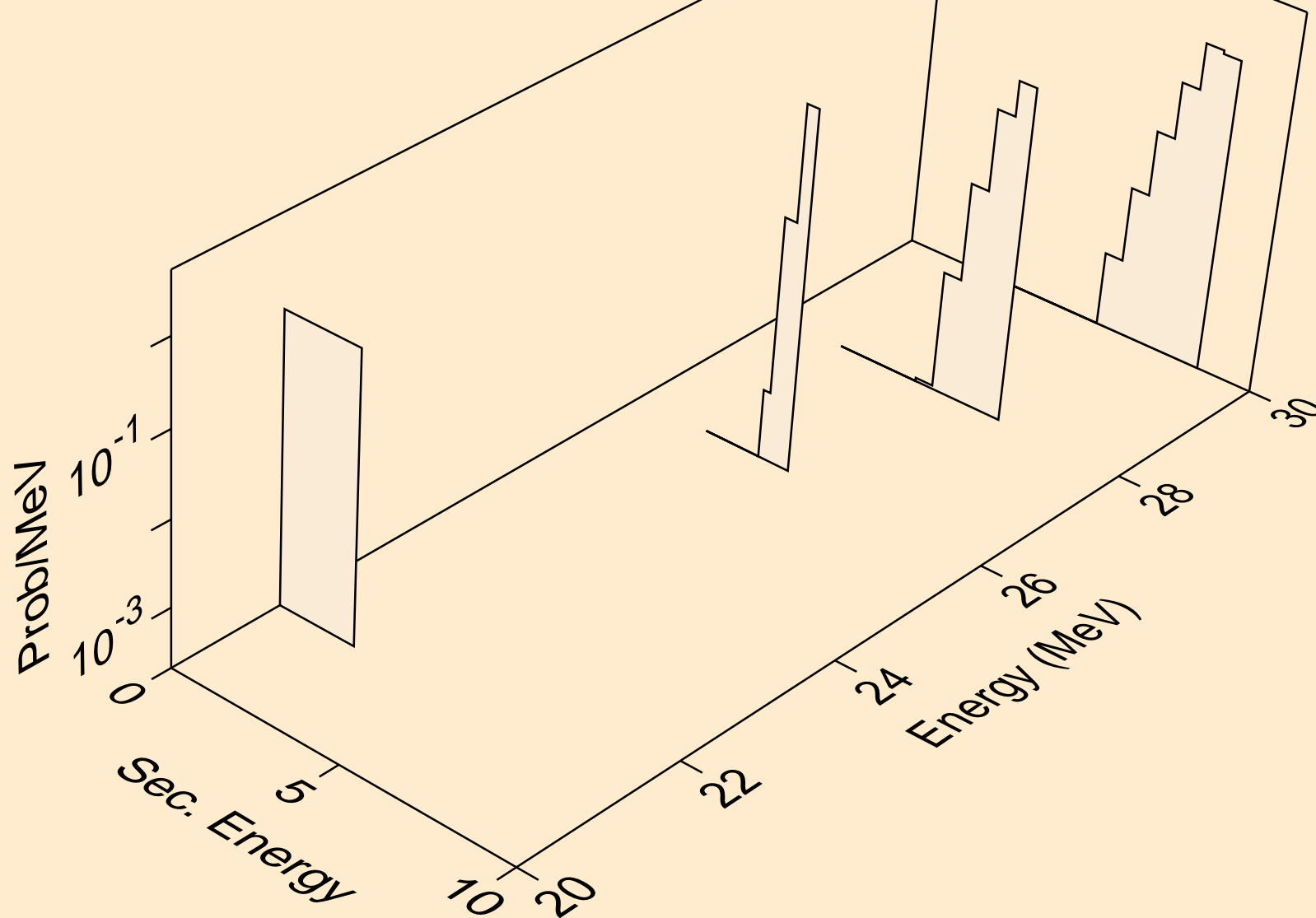
AG113 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,t)



AG113 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,x)



AG113 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,n\*)he3



AG113 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,he3)

