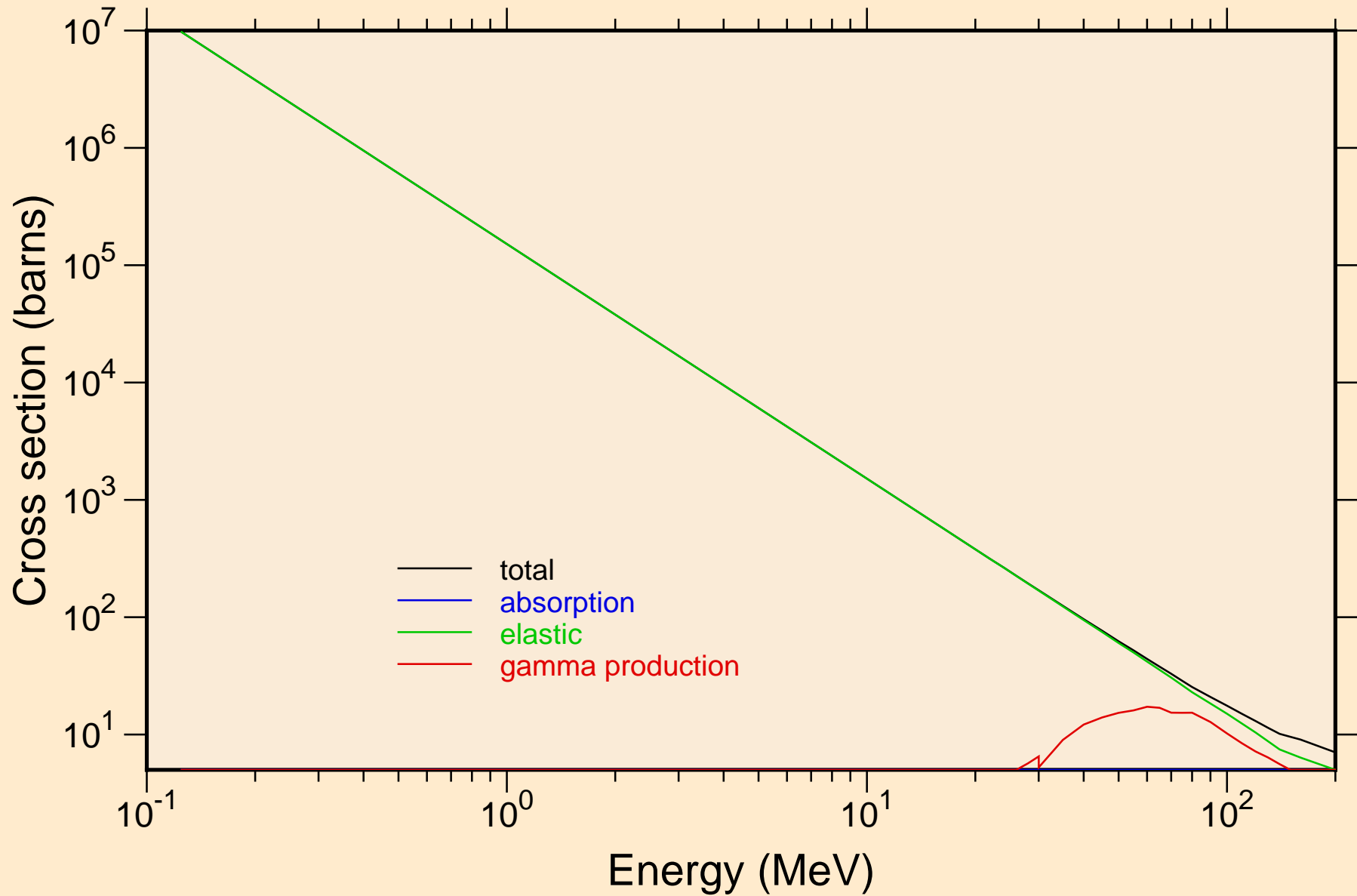
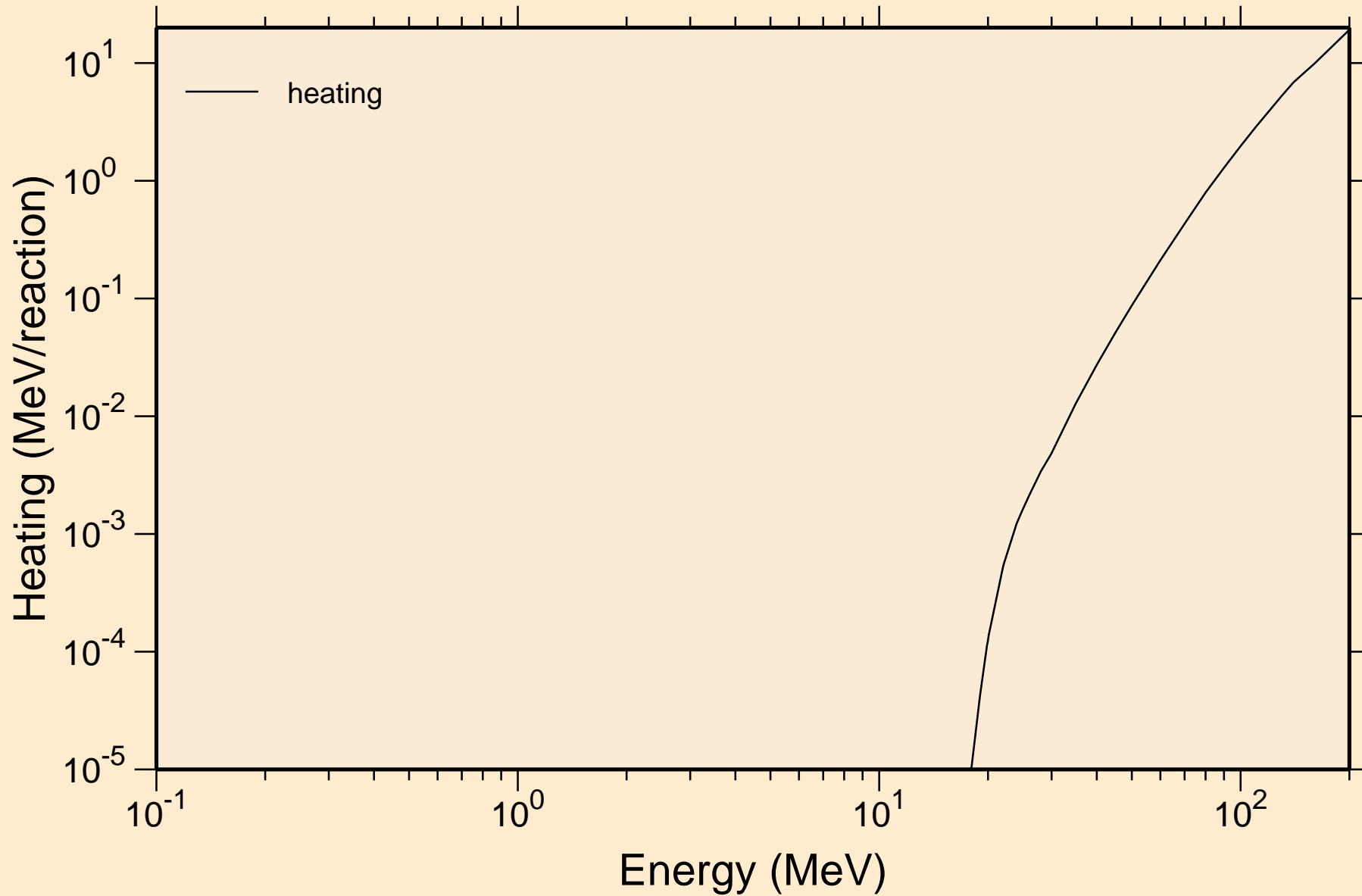


IR190N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections

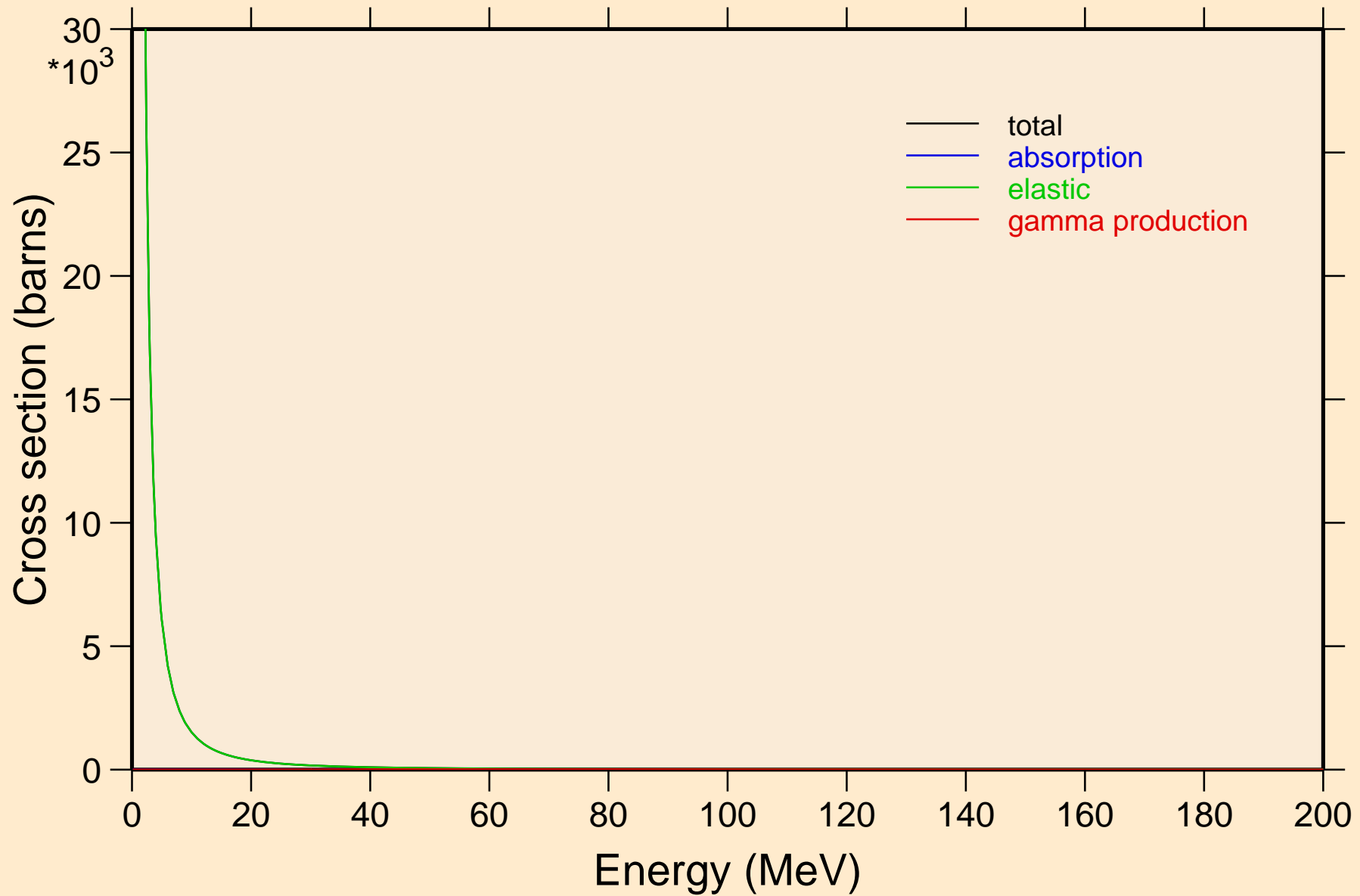


IR190N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Heating



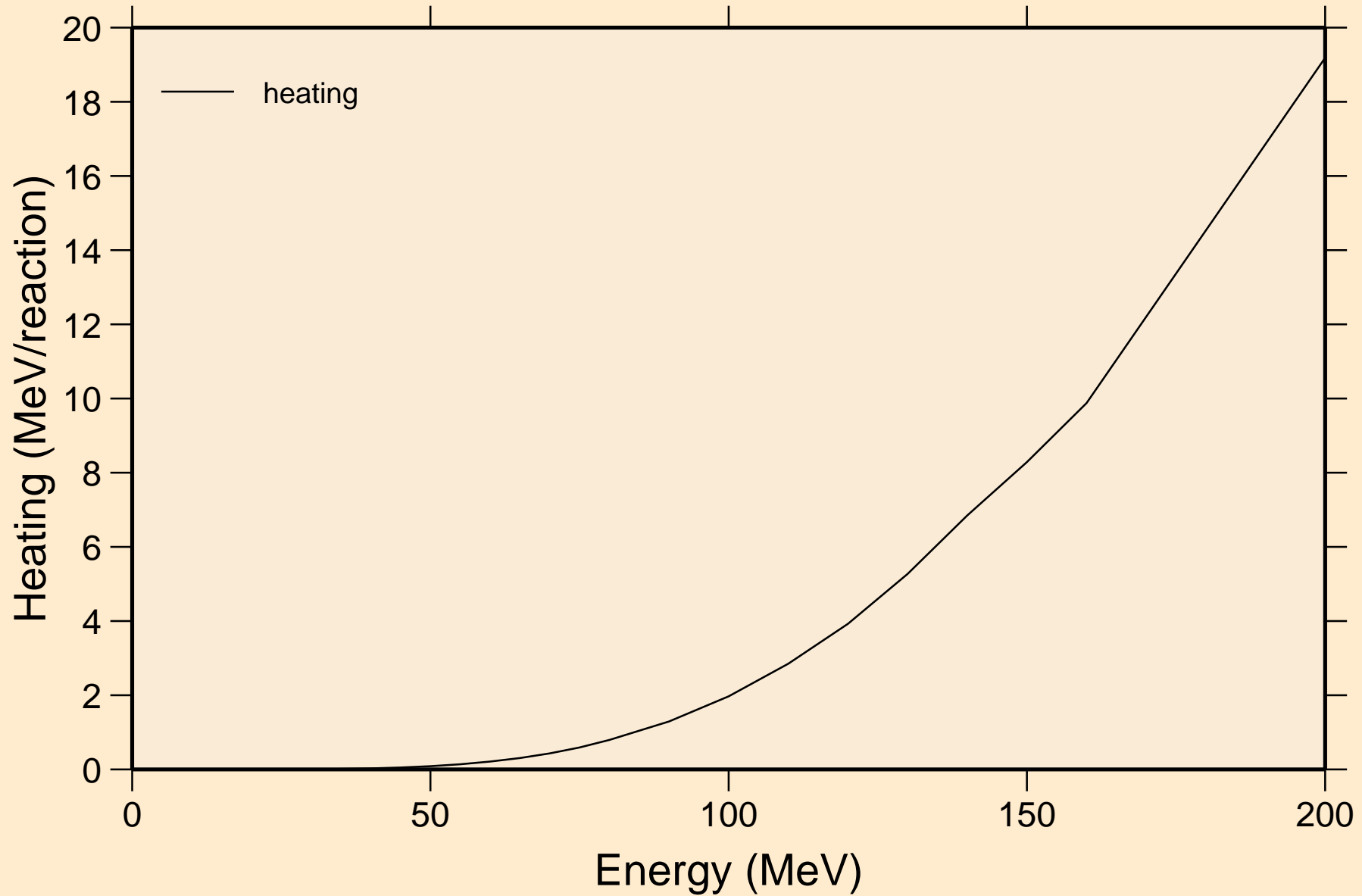
# IR190N ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections

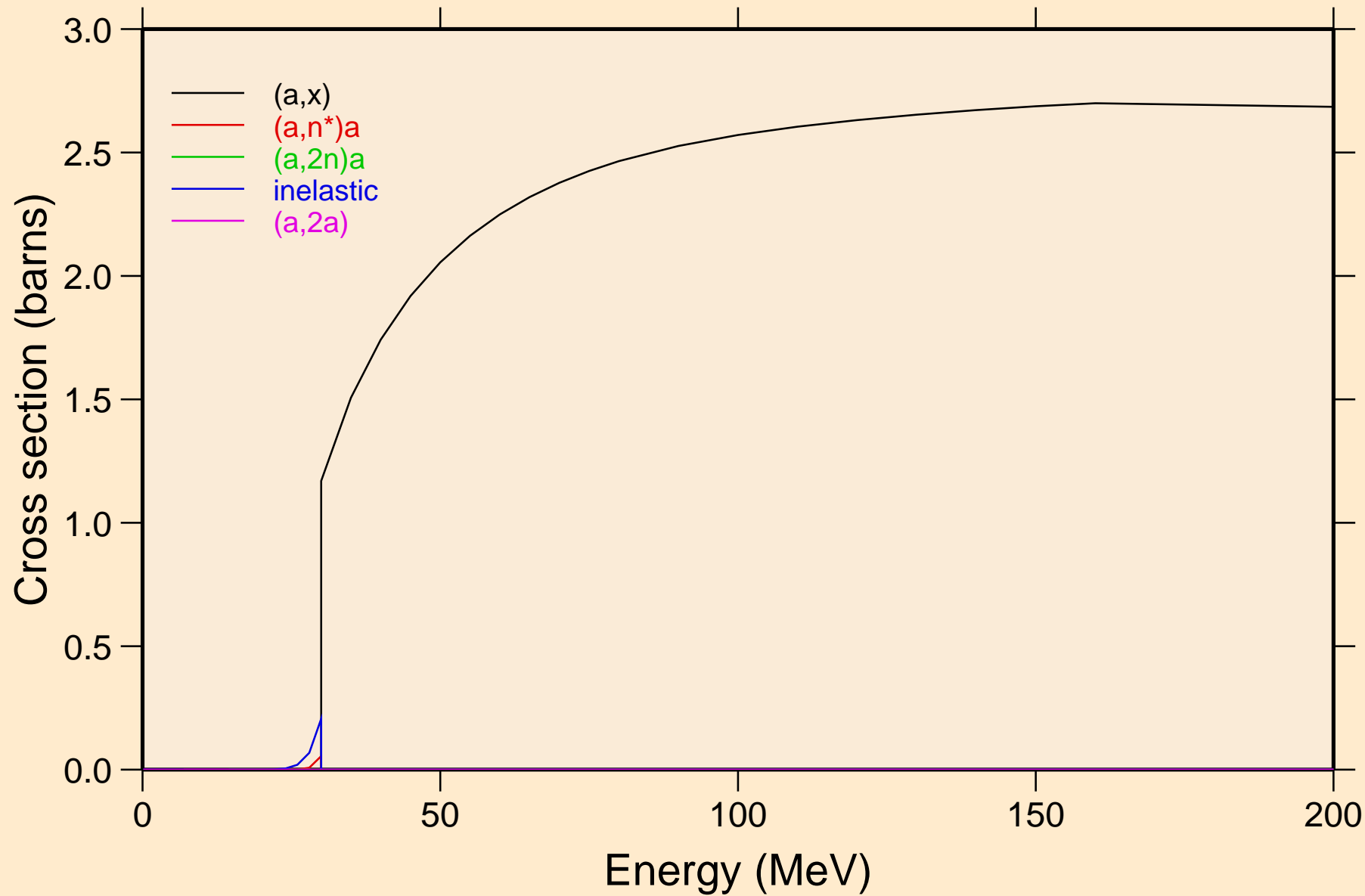


IR190N ALPHA ACER TENDL-2021 LIBRARY; T=0.K

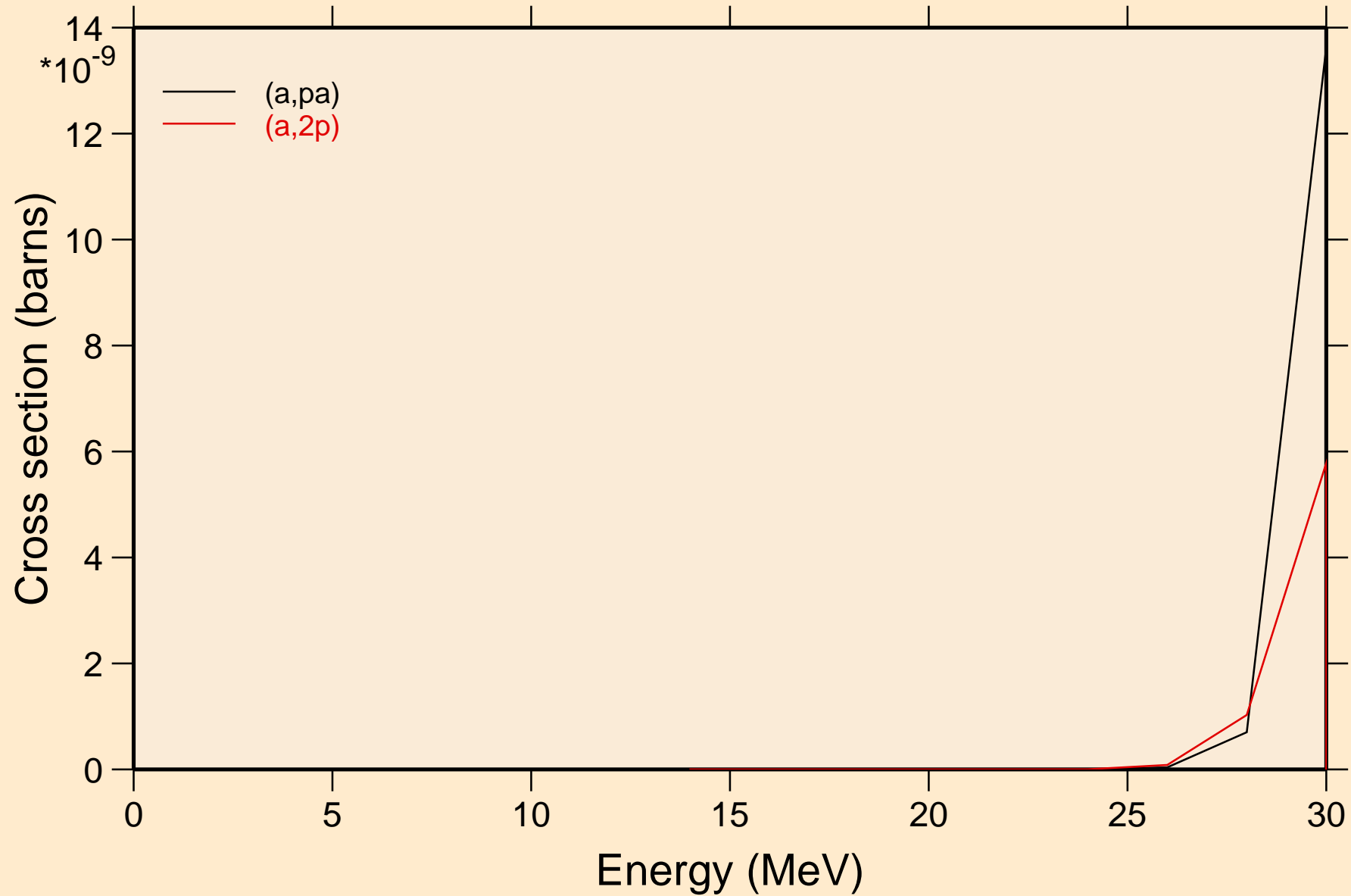
Heating



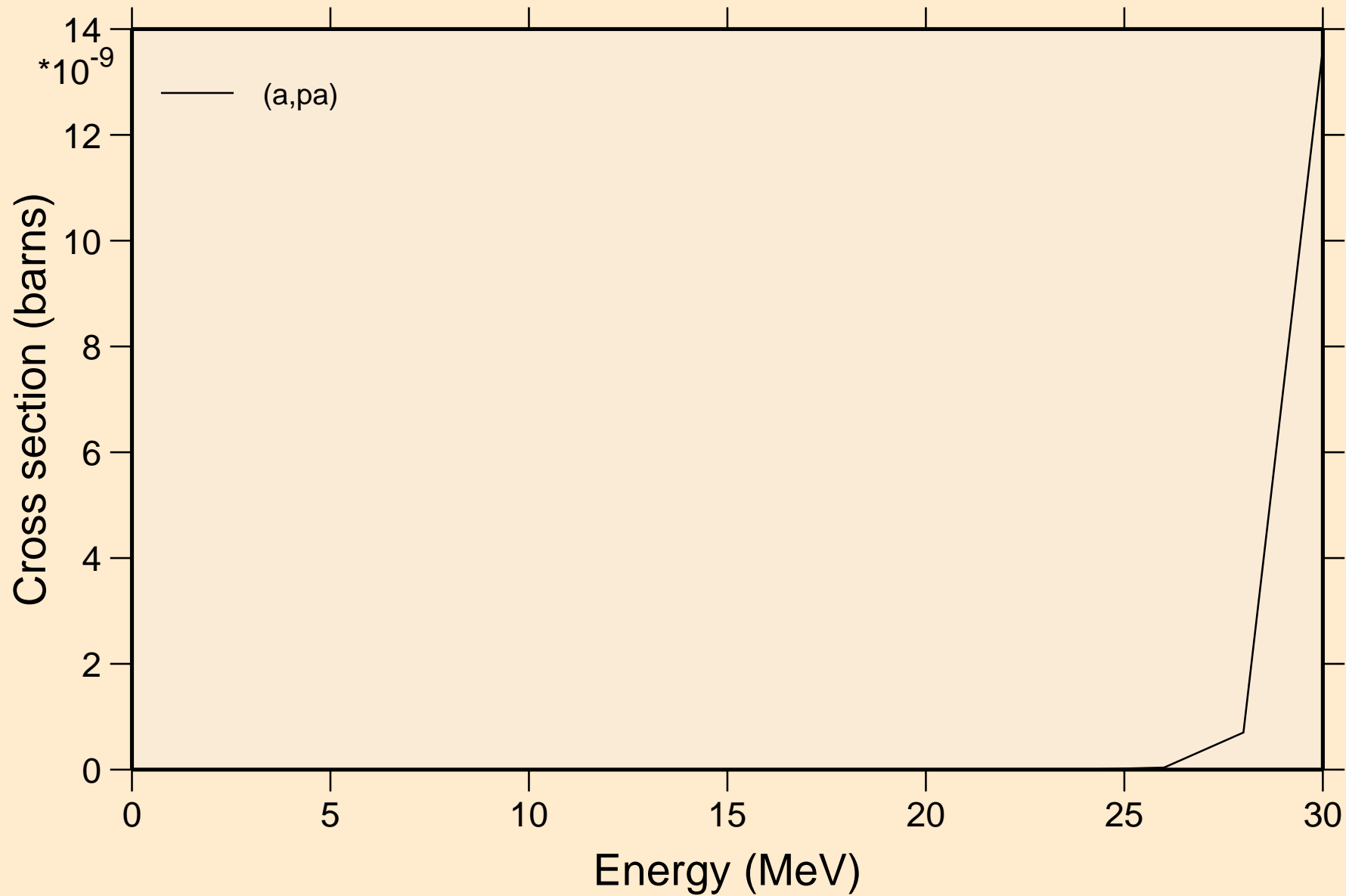
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Threshold reactions



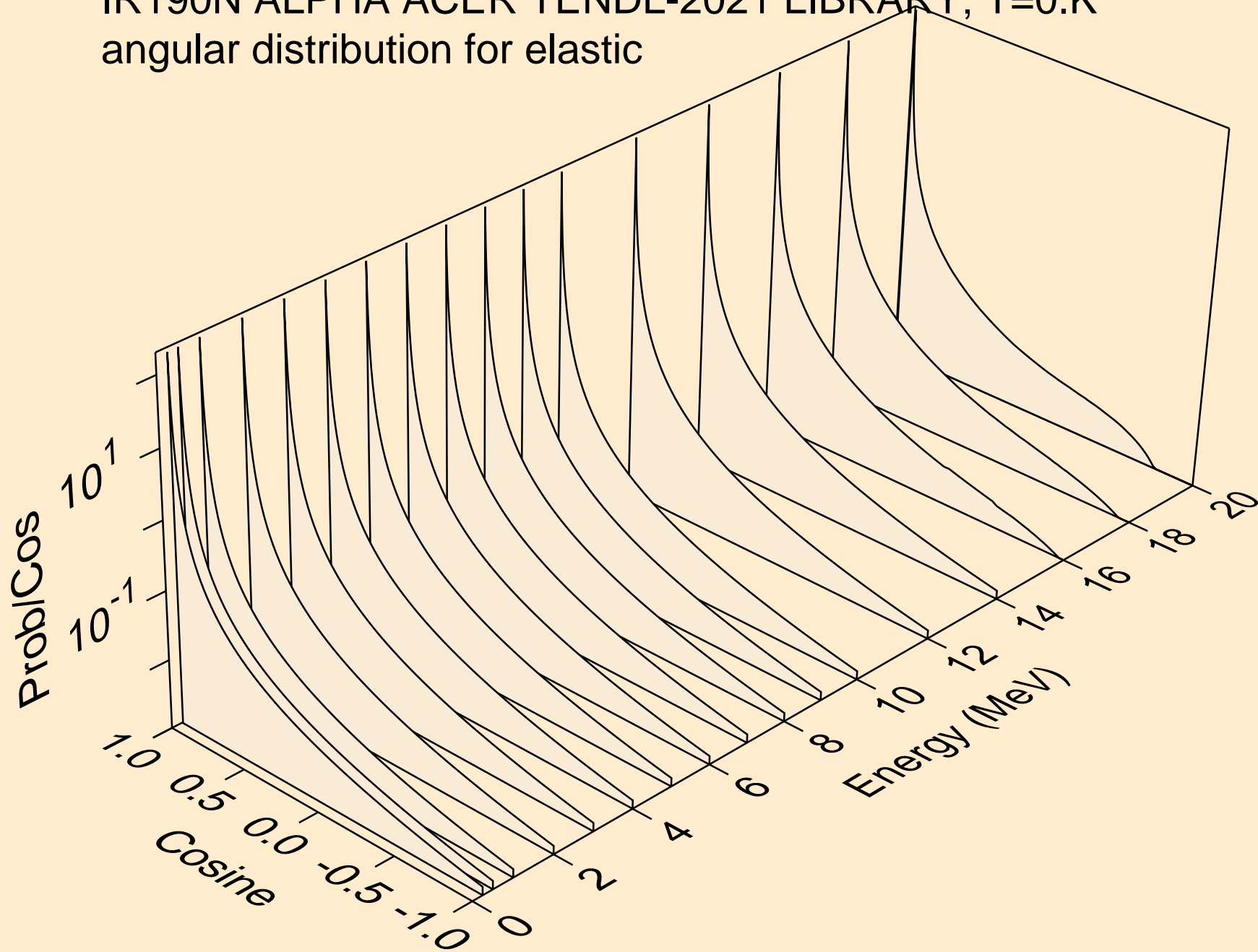
IR190N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



IR190N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

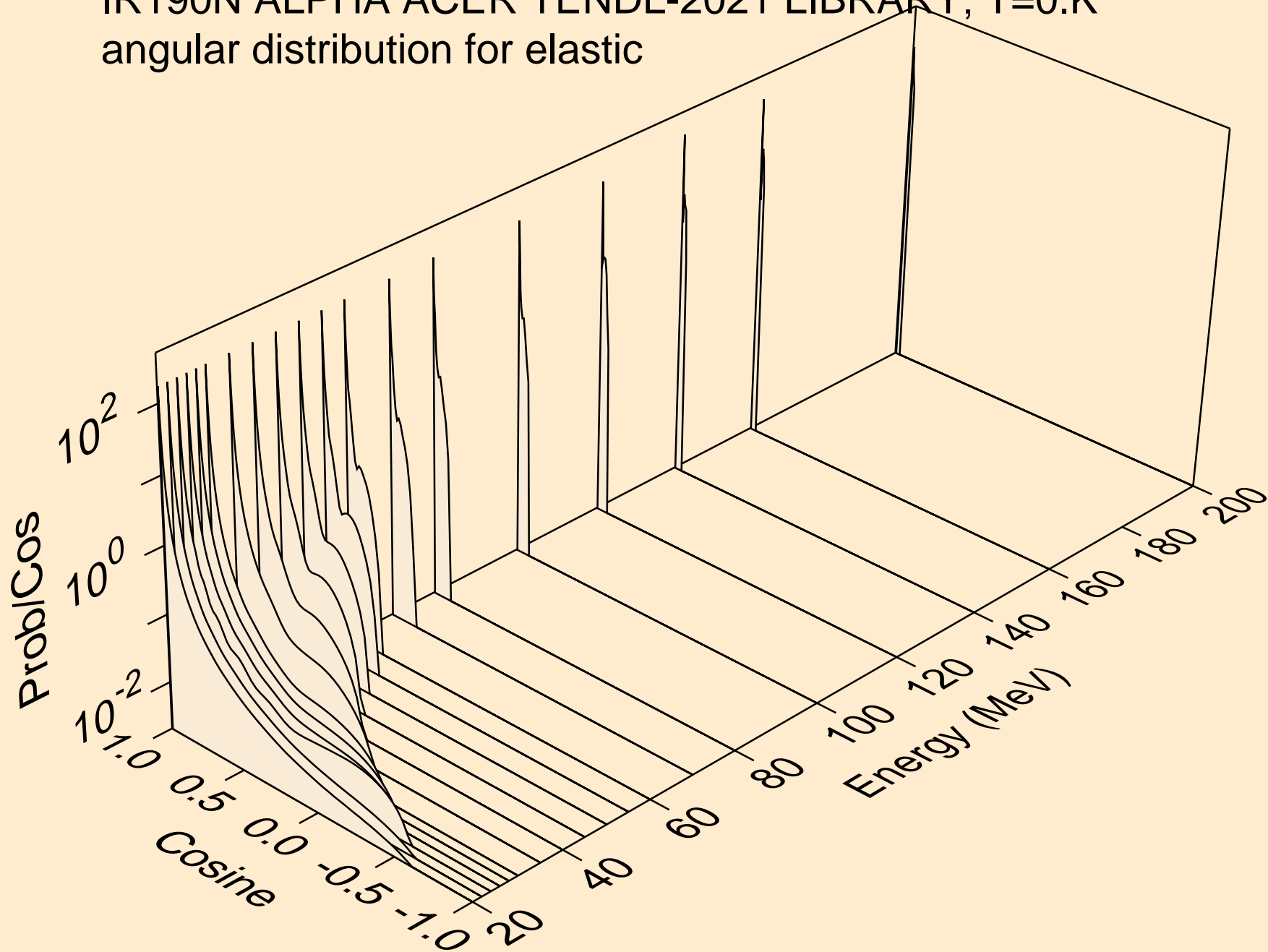


IR190N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

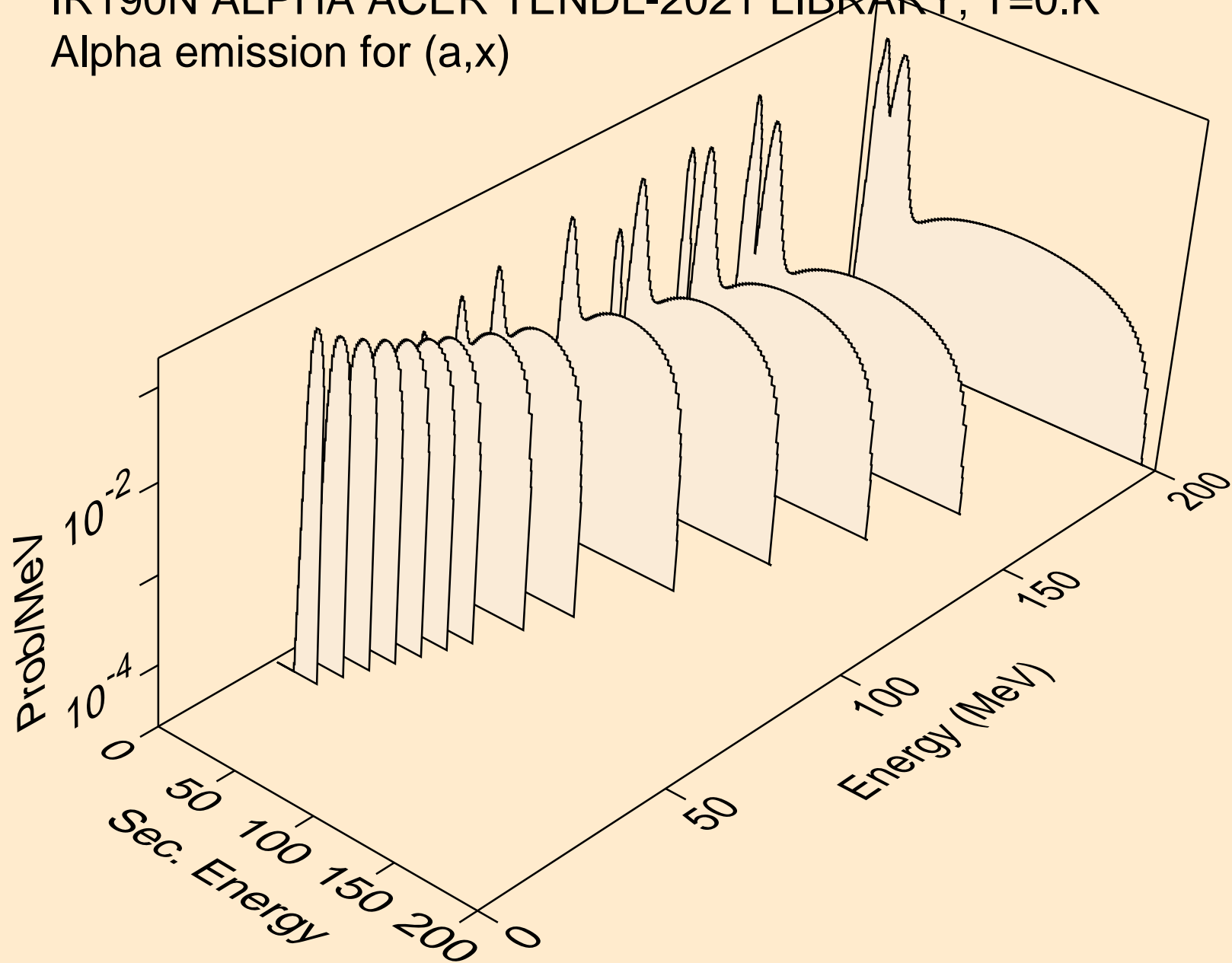




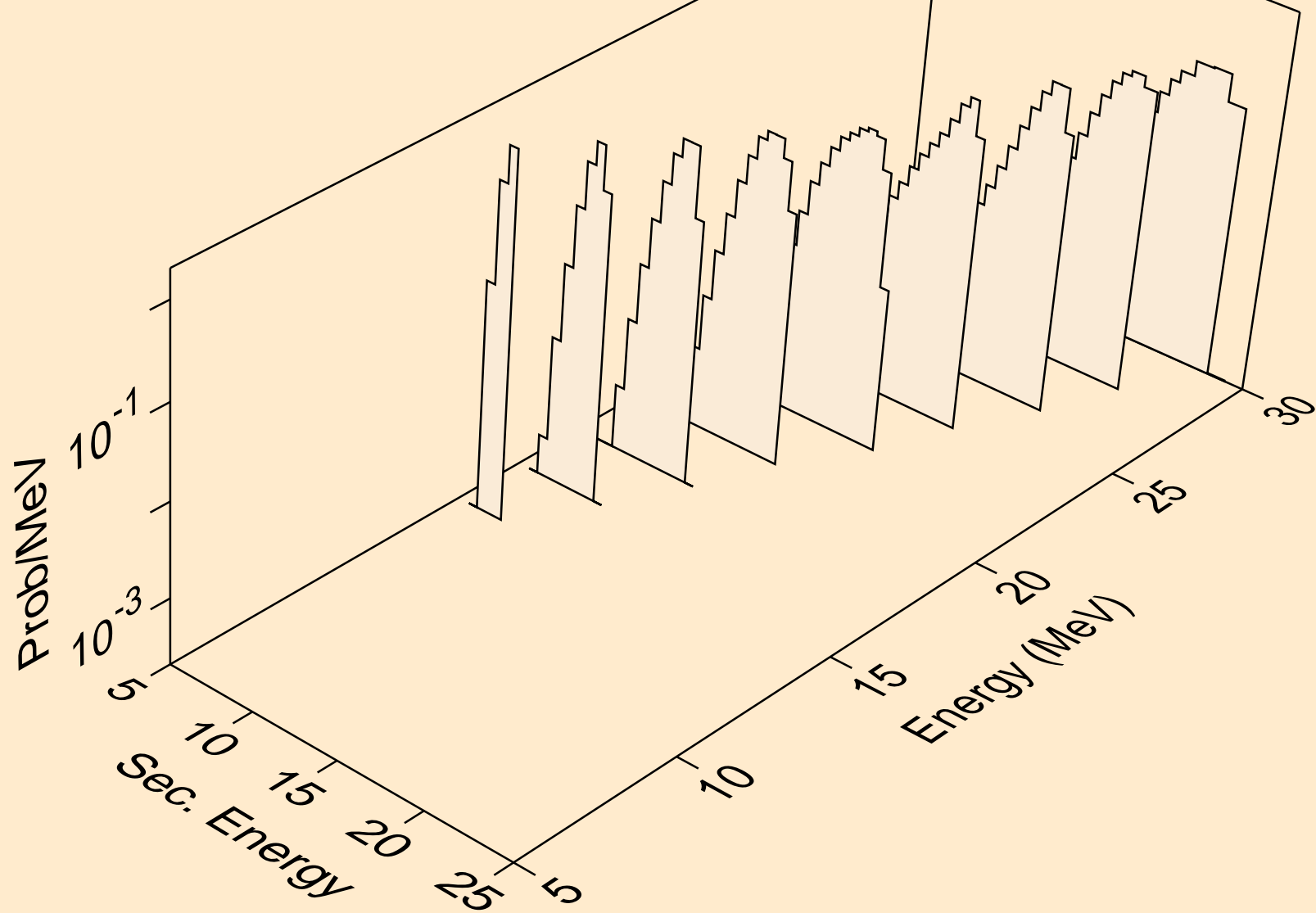
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angular distribution for elastic



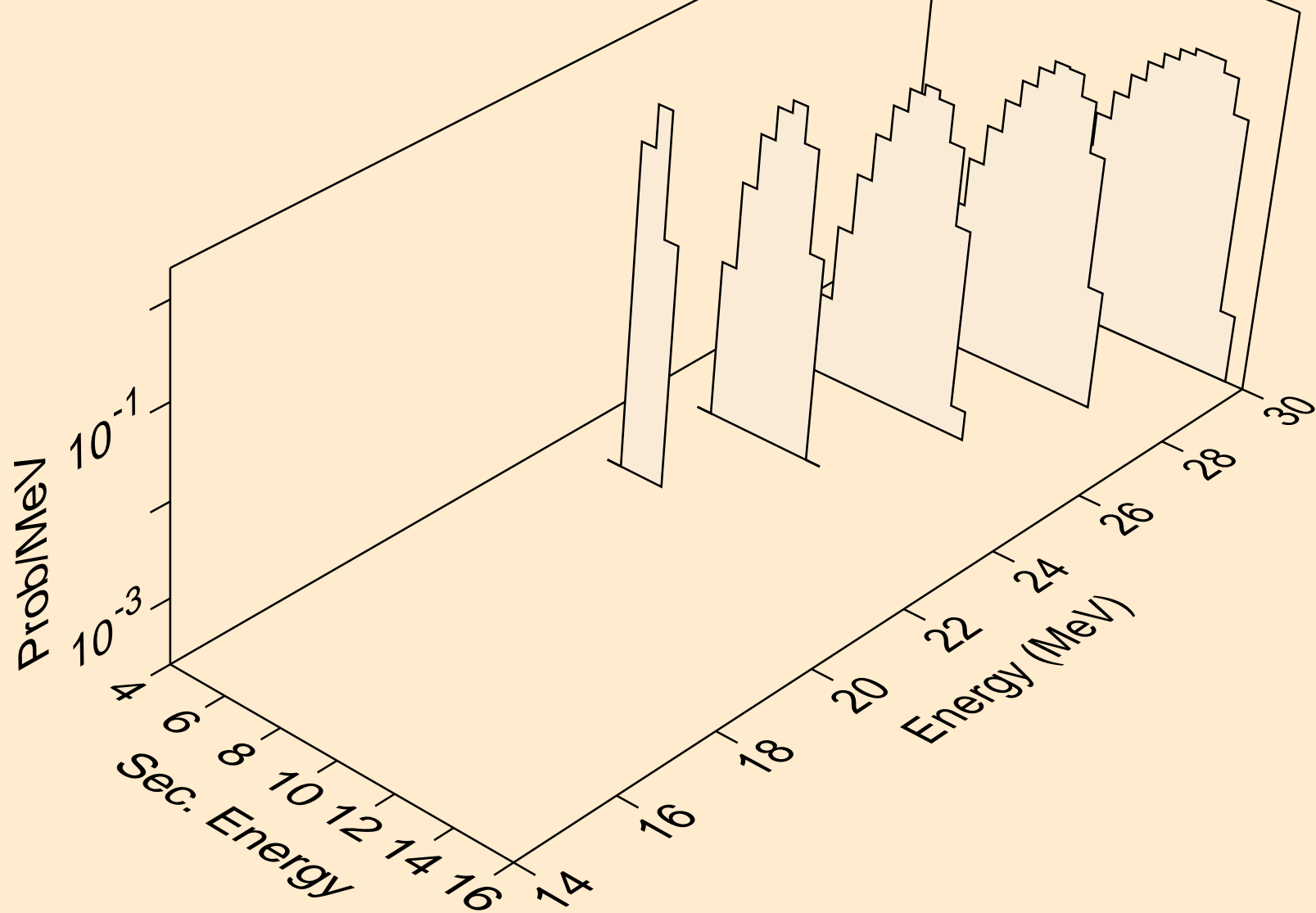
IR190N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,x)



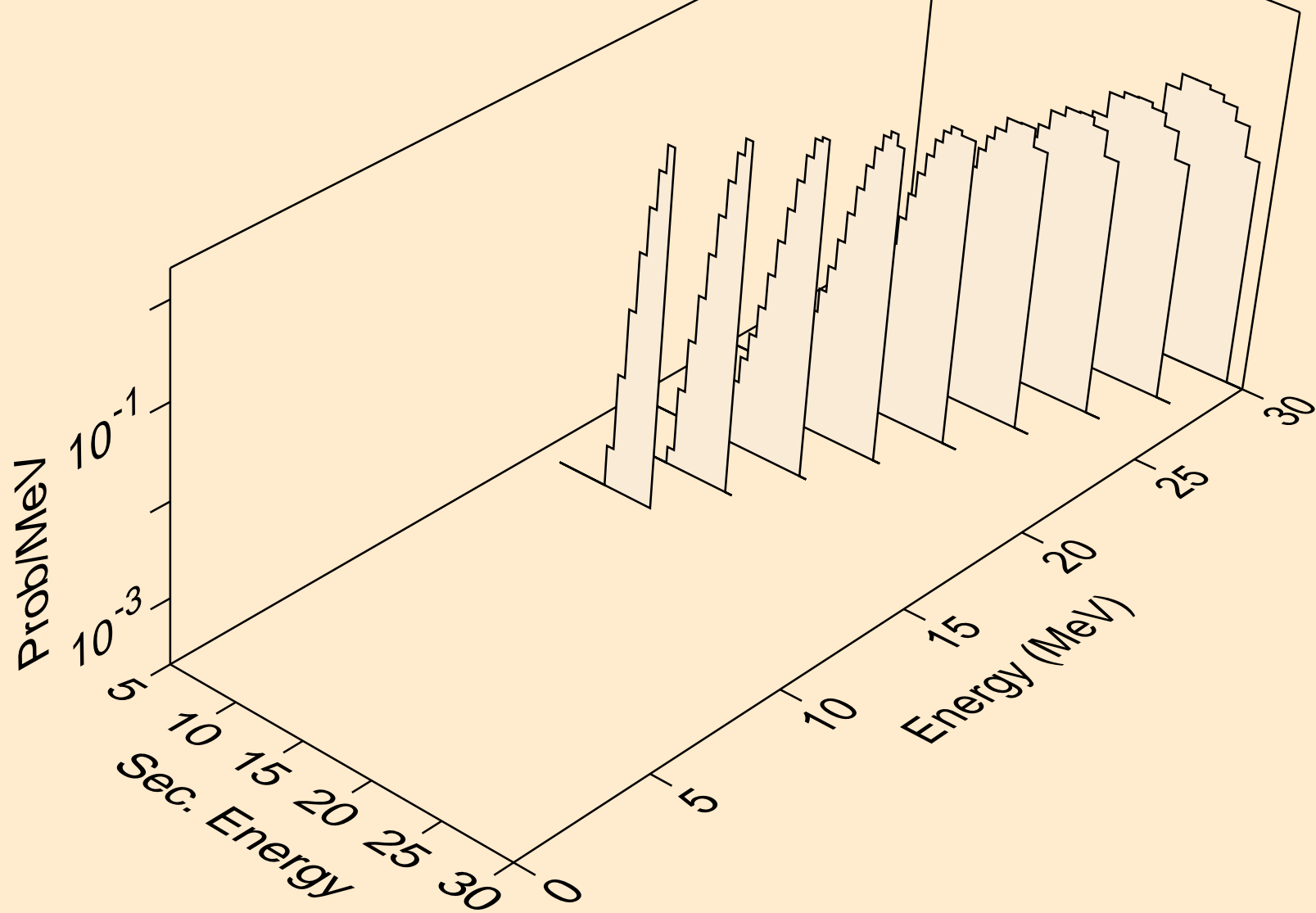
IR190N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



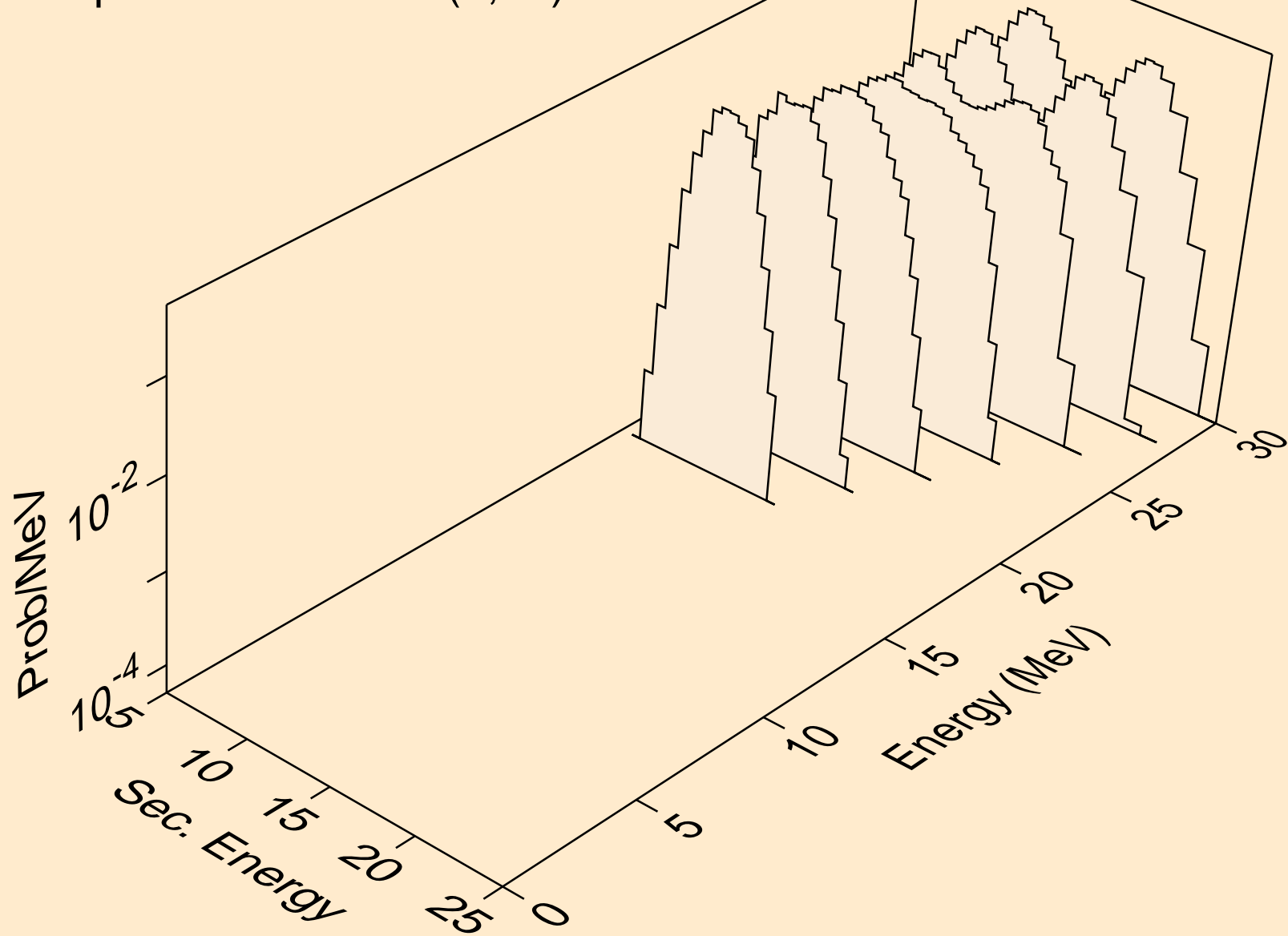
IR190N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



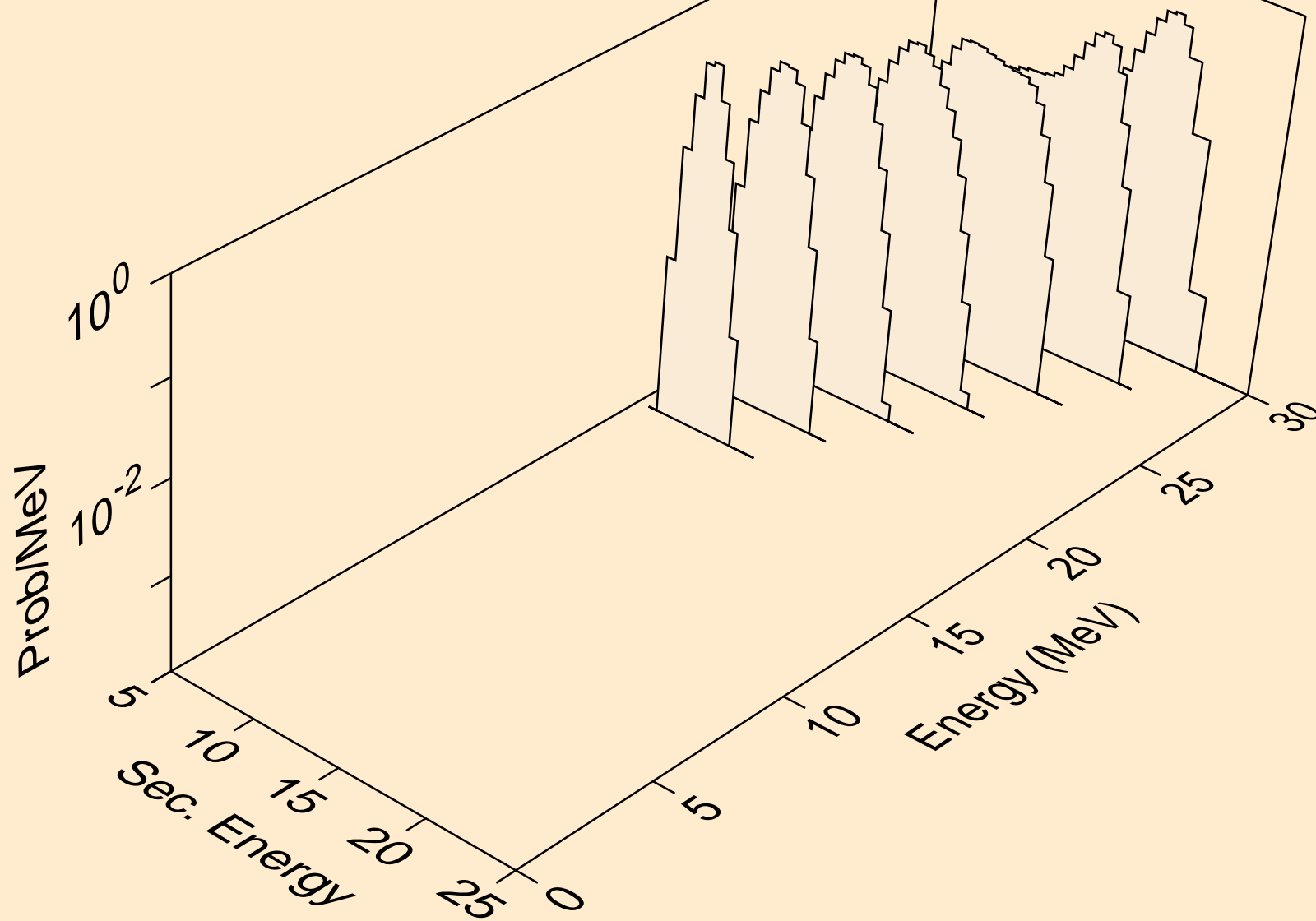
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Alpha emission for inelastic



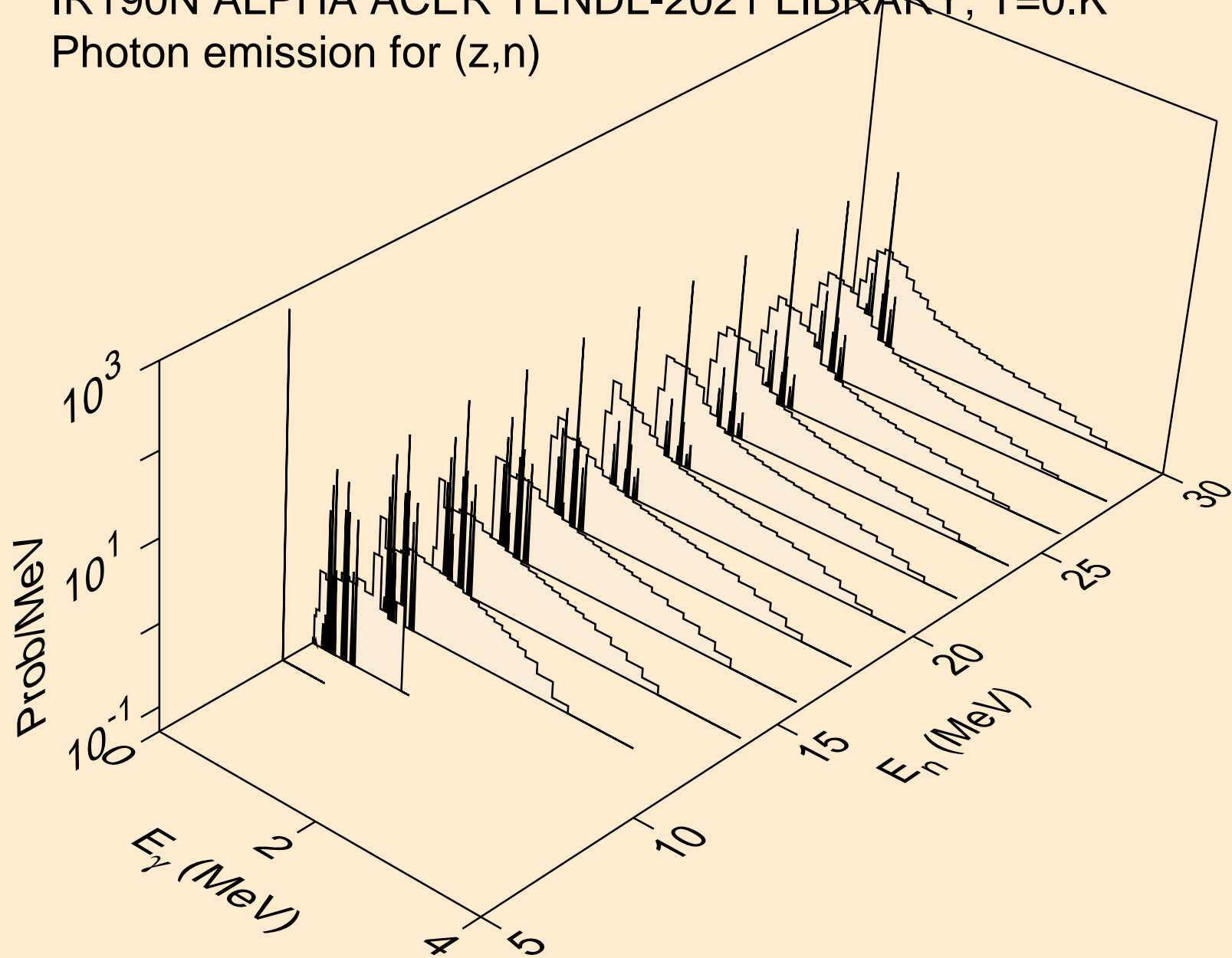
IR190N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,2a)



IR190N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,pa)

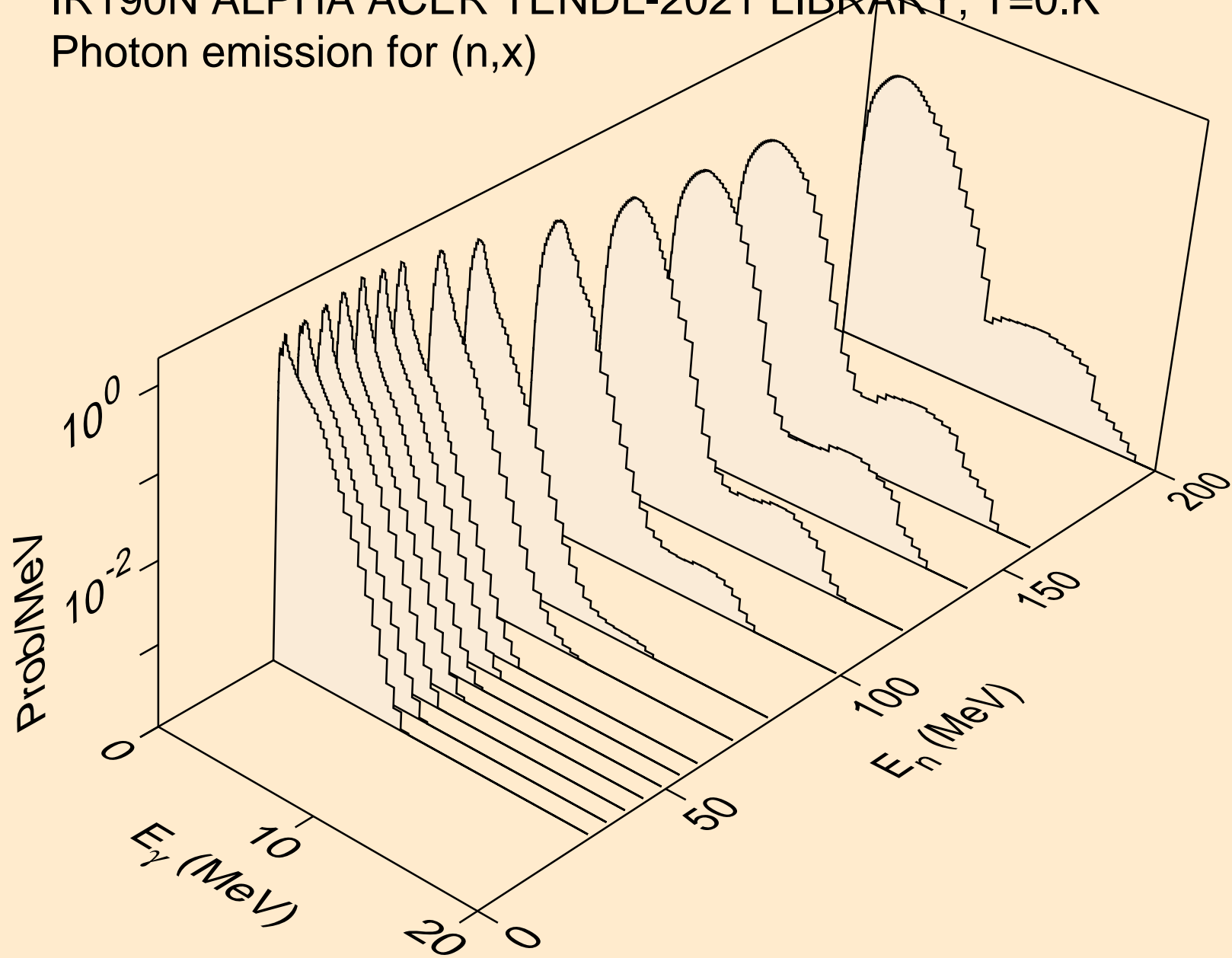


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Photon emission for (z,n)

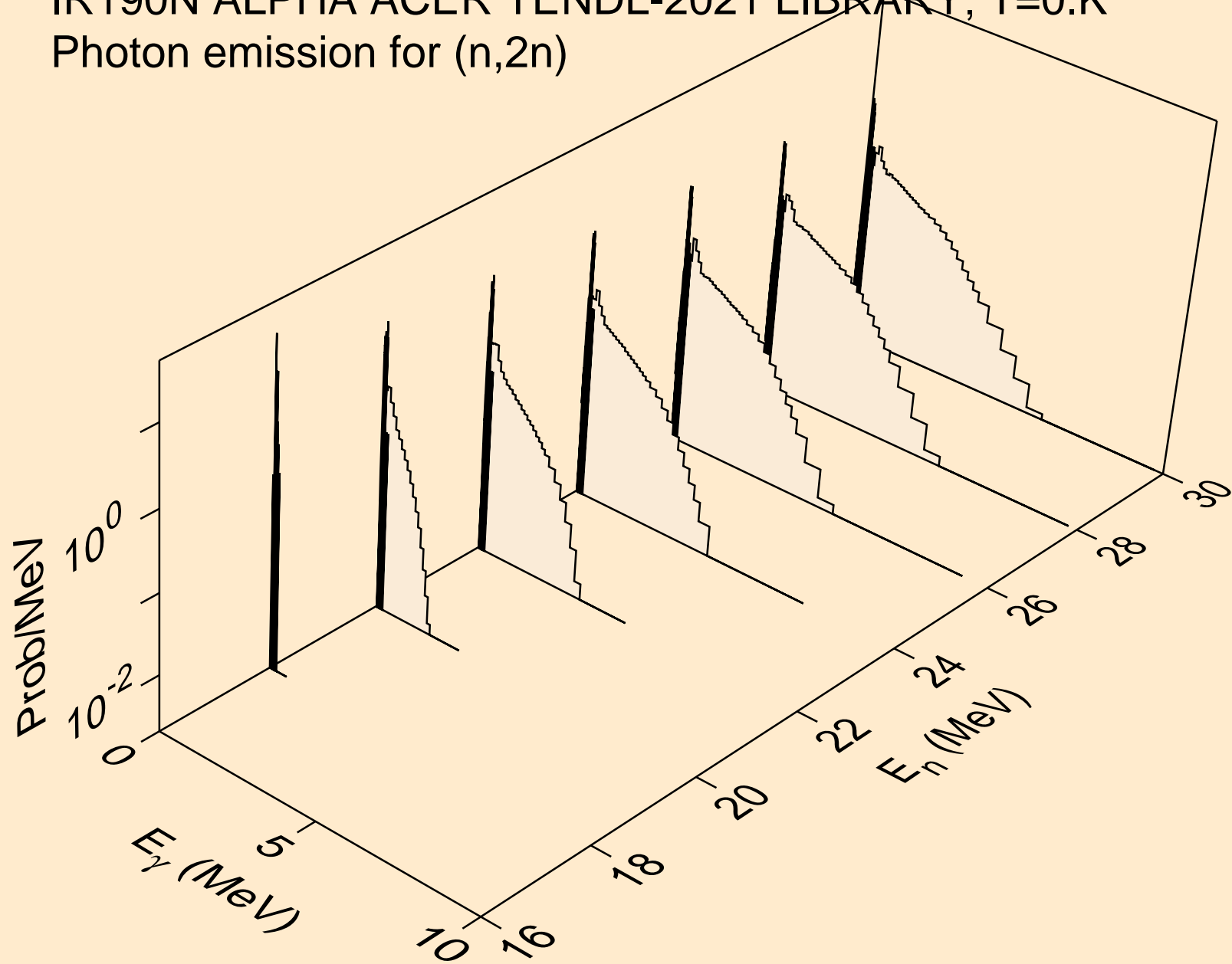




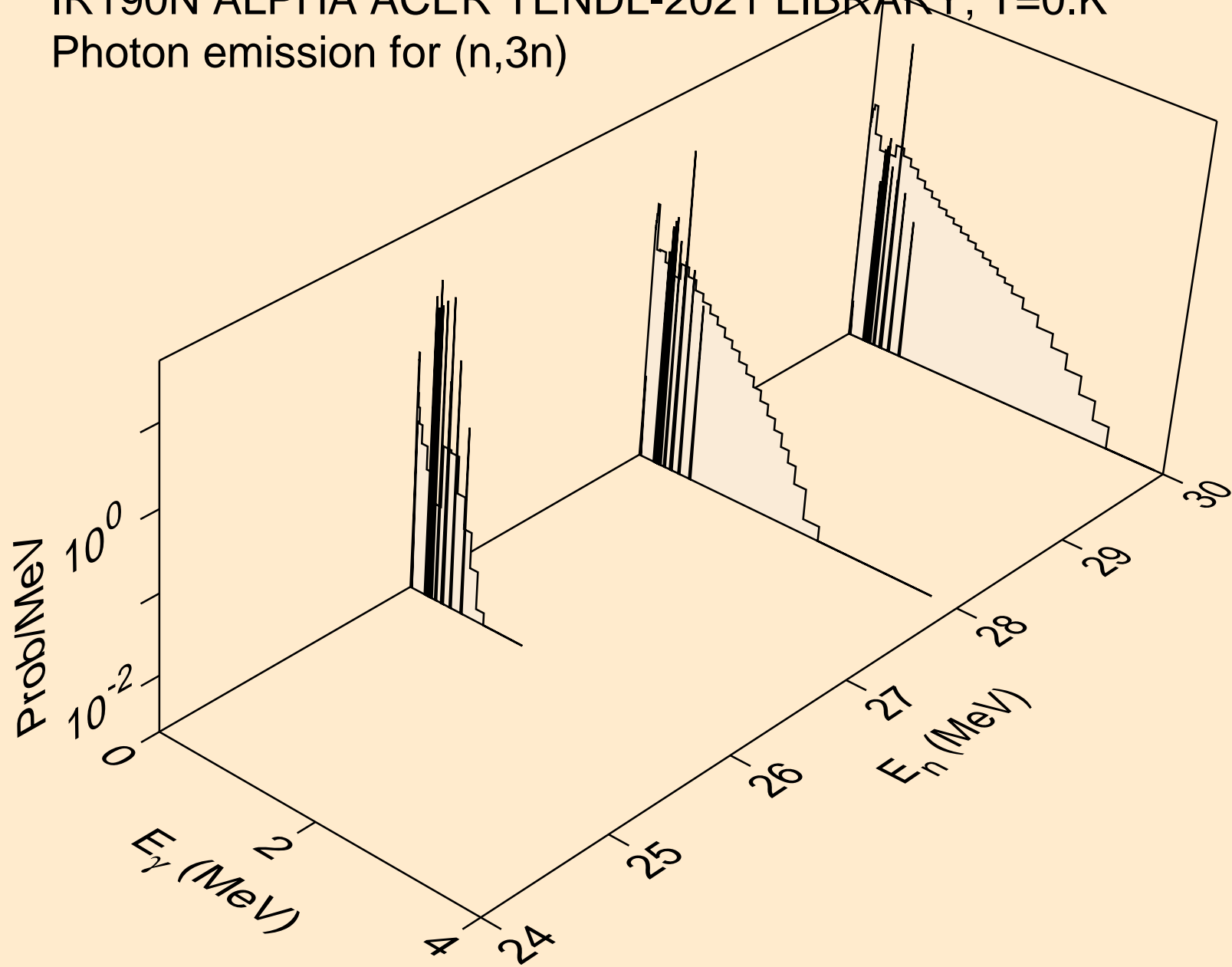
IR190N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



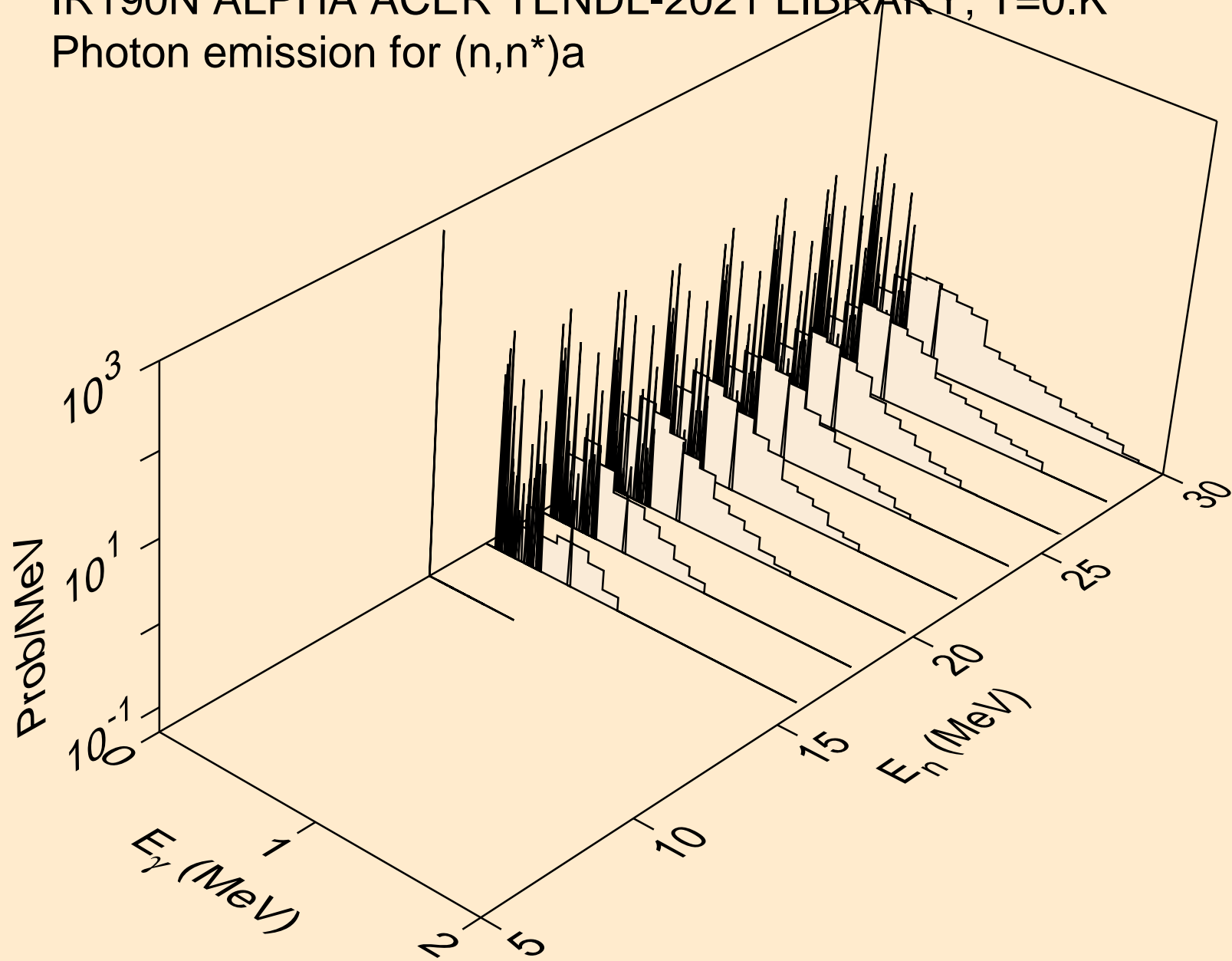
IR190N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



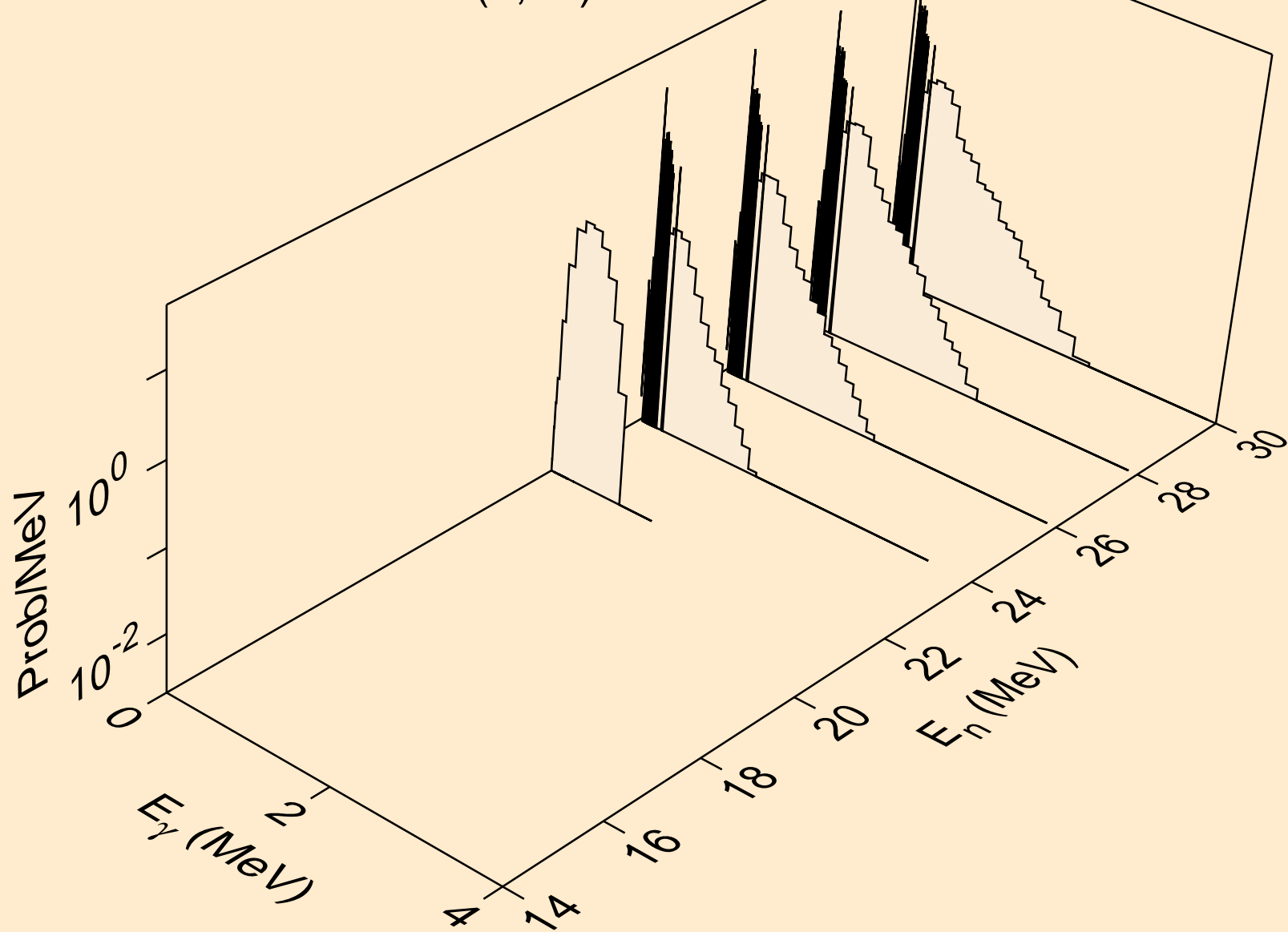
IR190N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



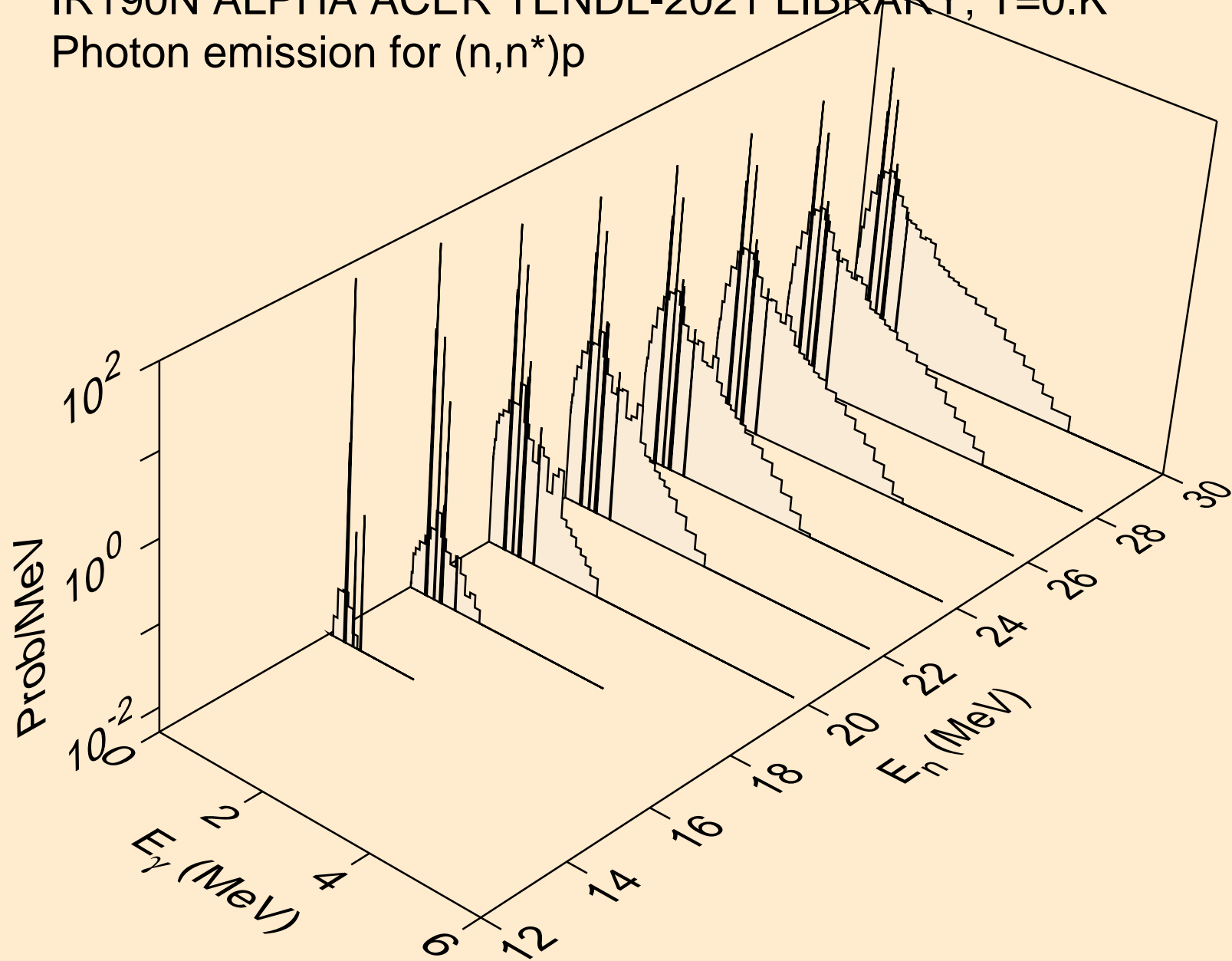
IR190N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



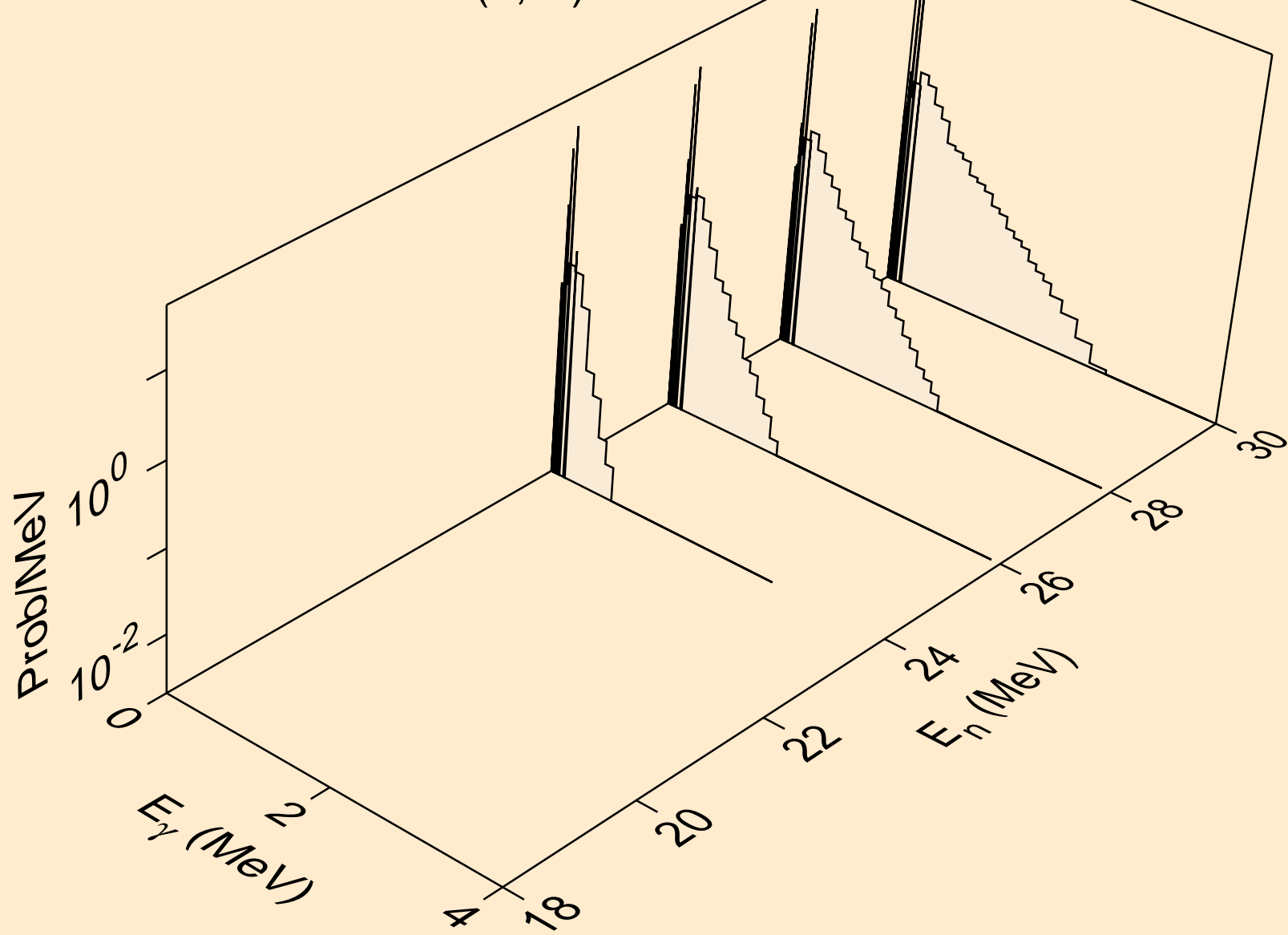
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Photon emission for (n,2n)a



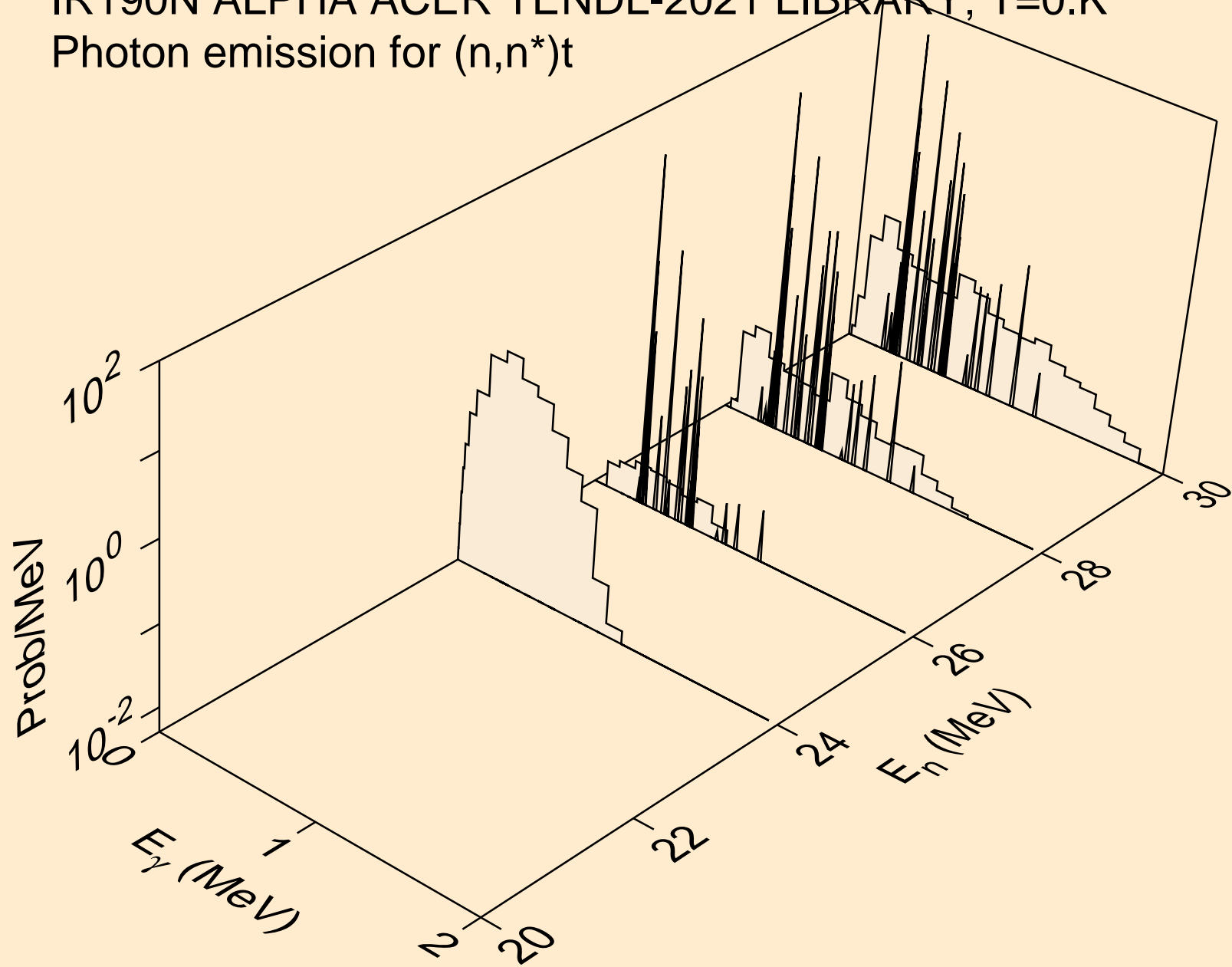
IR190N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



IR190N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

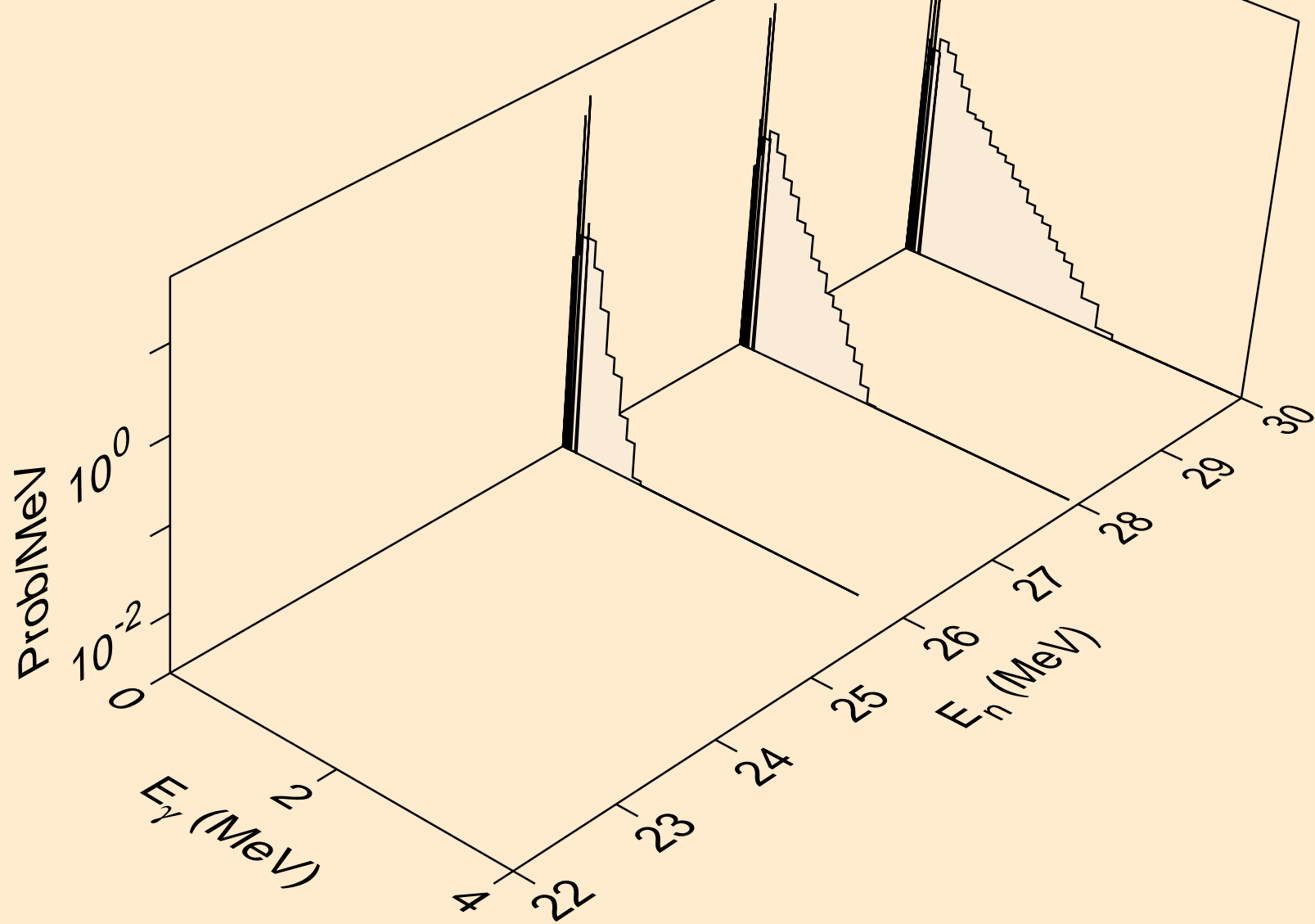


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Photon emission for (n,n\*)t

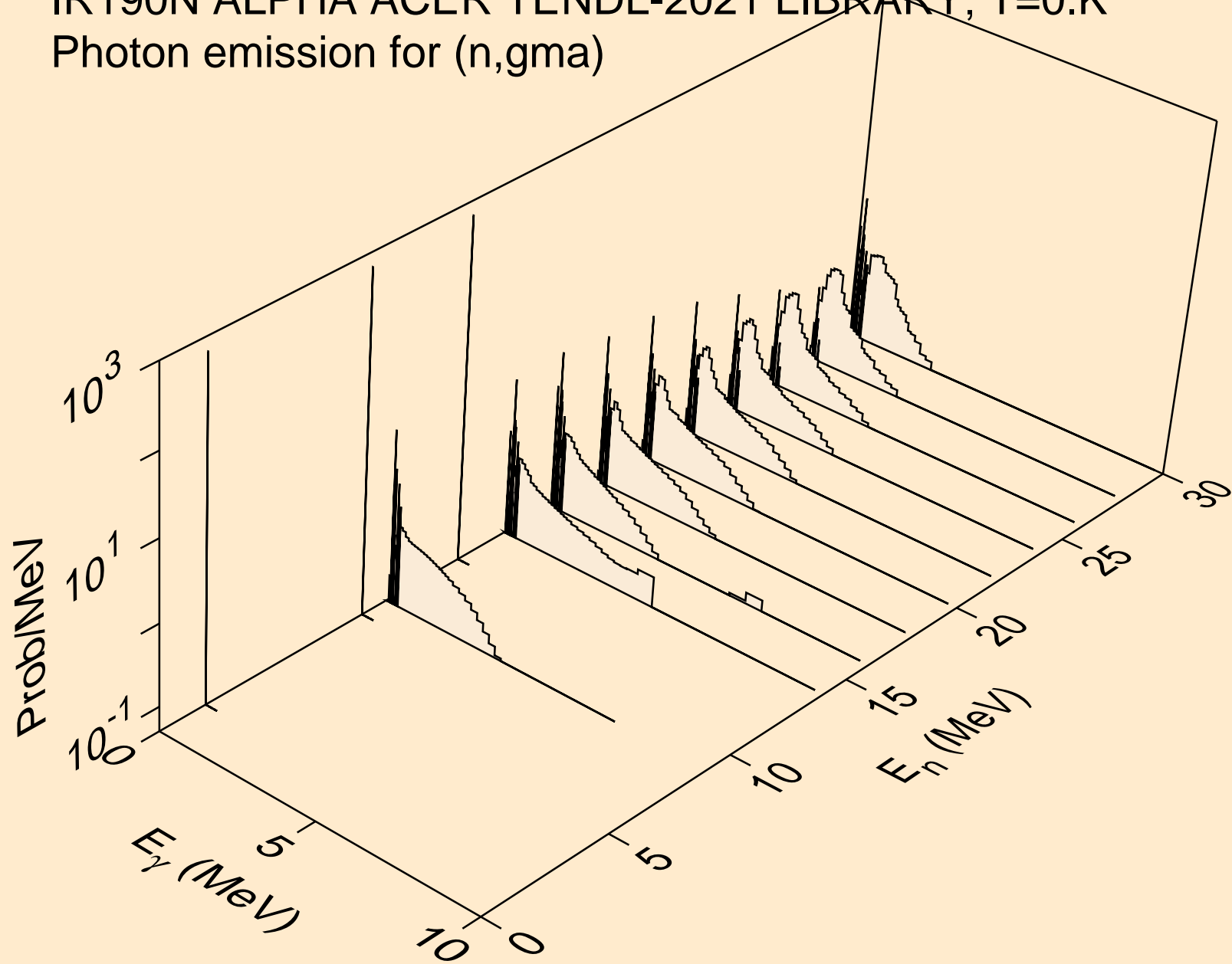




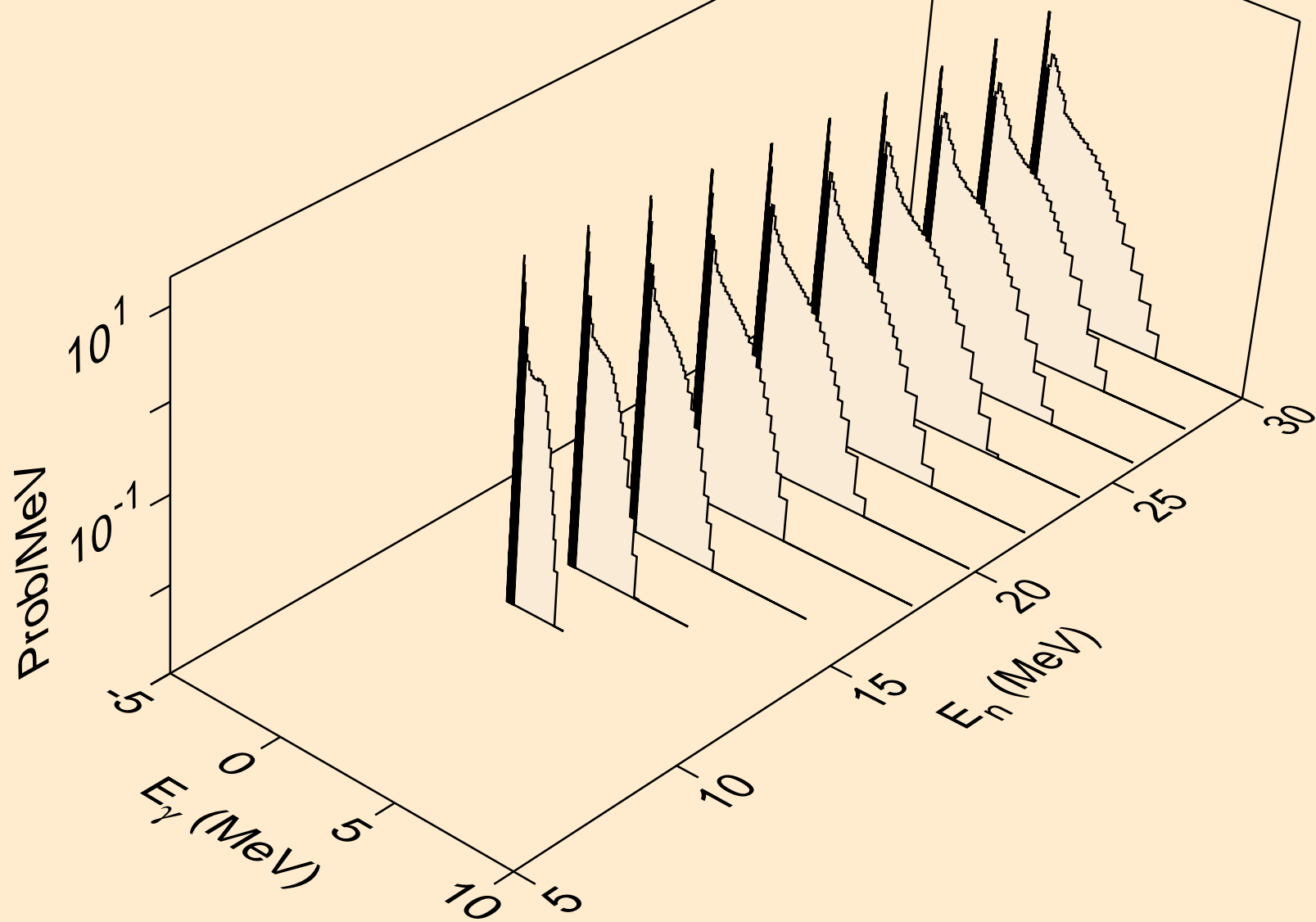
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Photon emission for (n,2np)



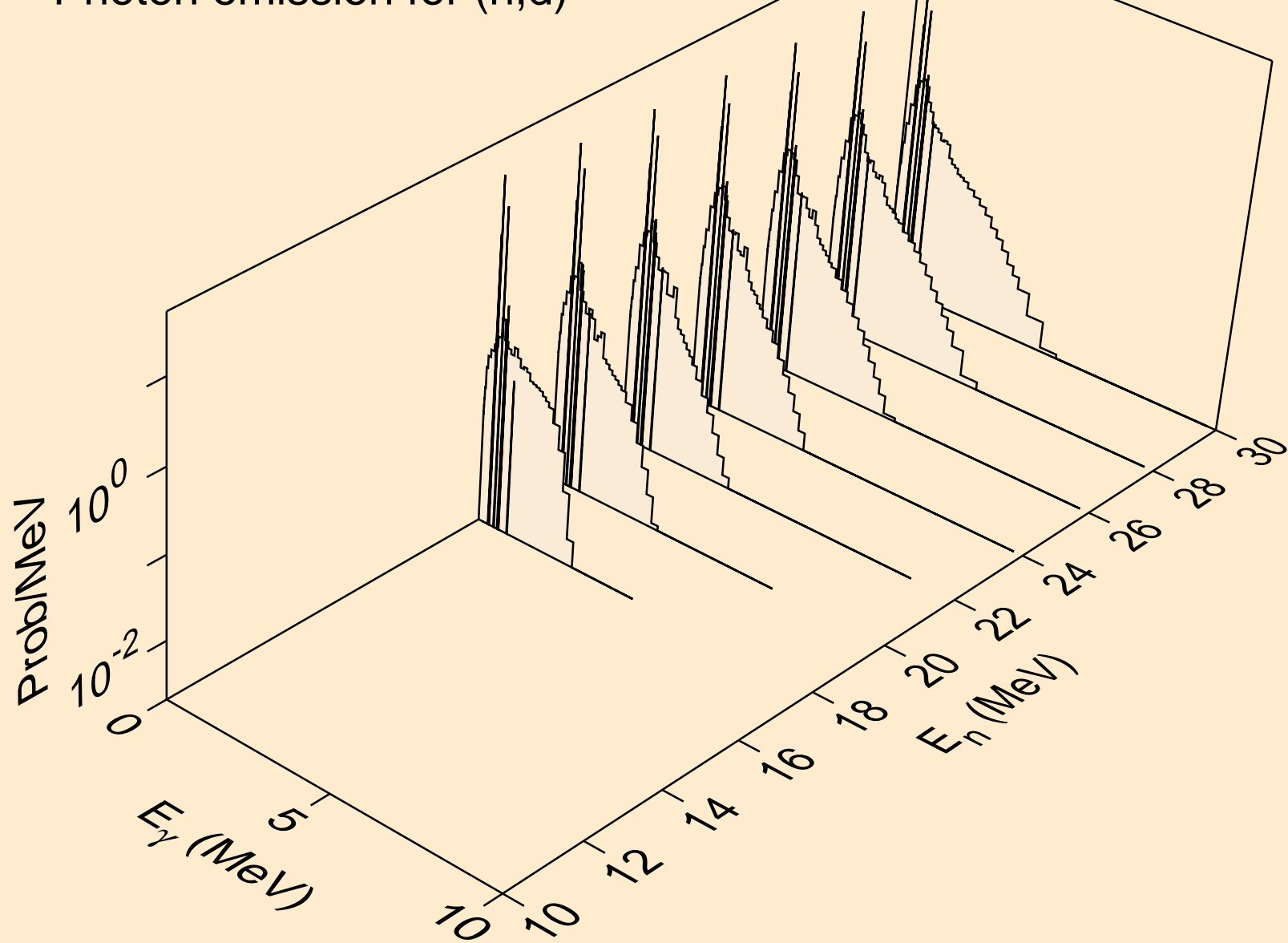
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Photon emission for (n,gma)



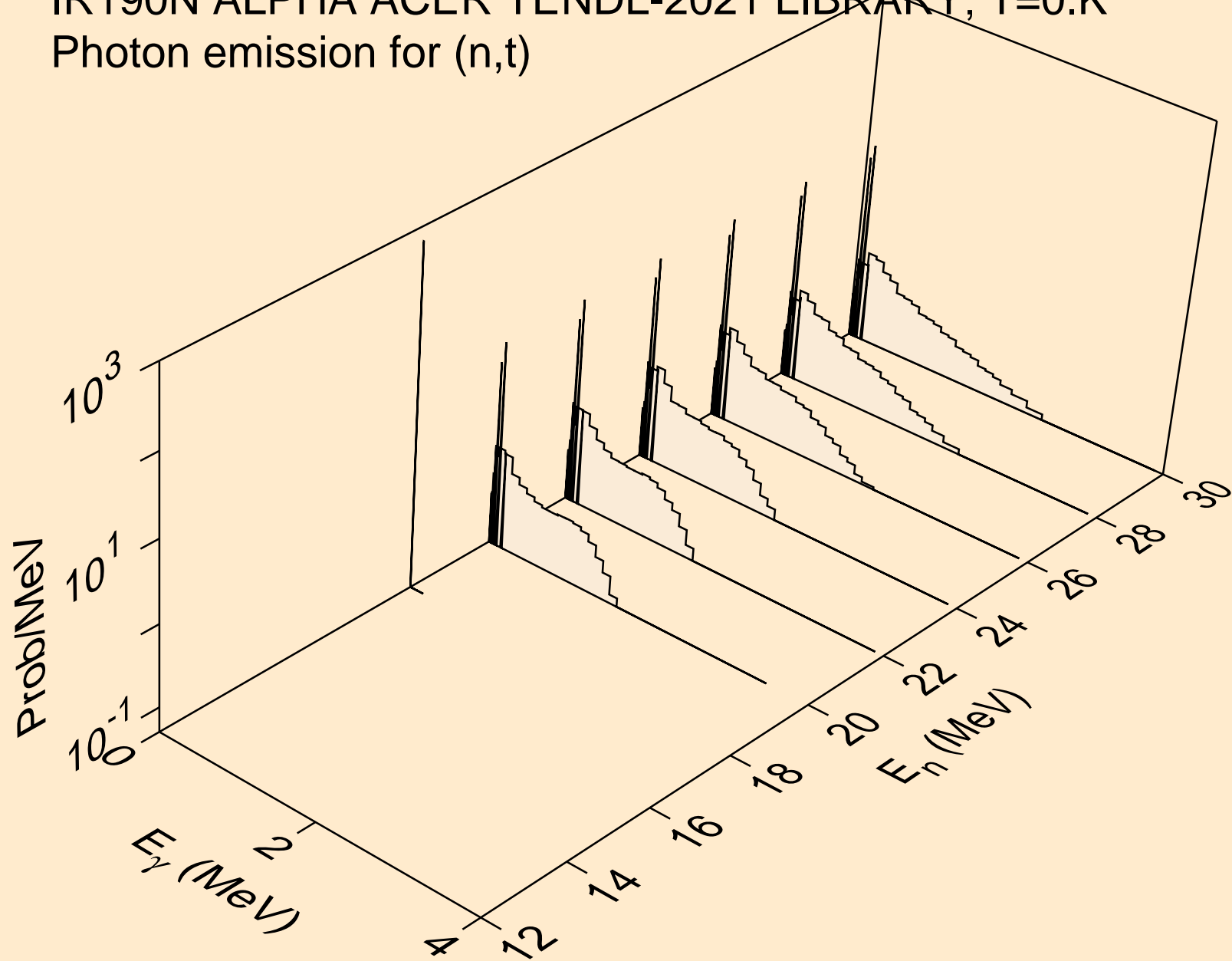
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Photon emission for (n,p)



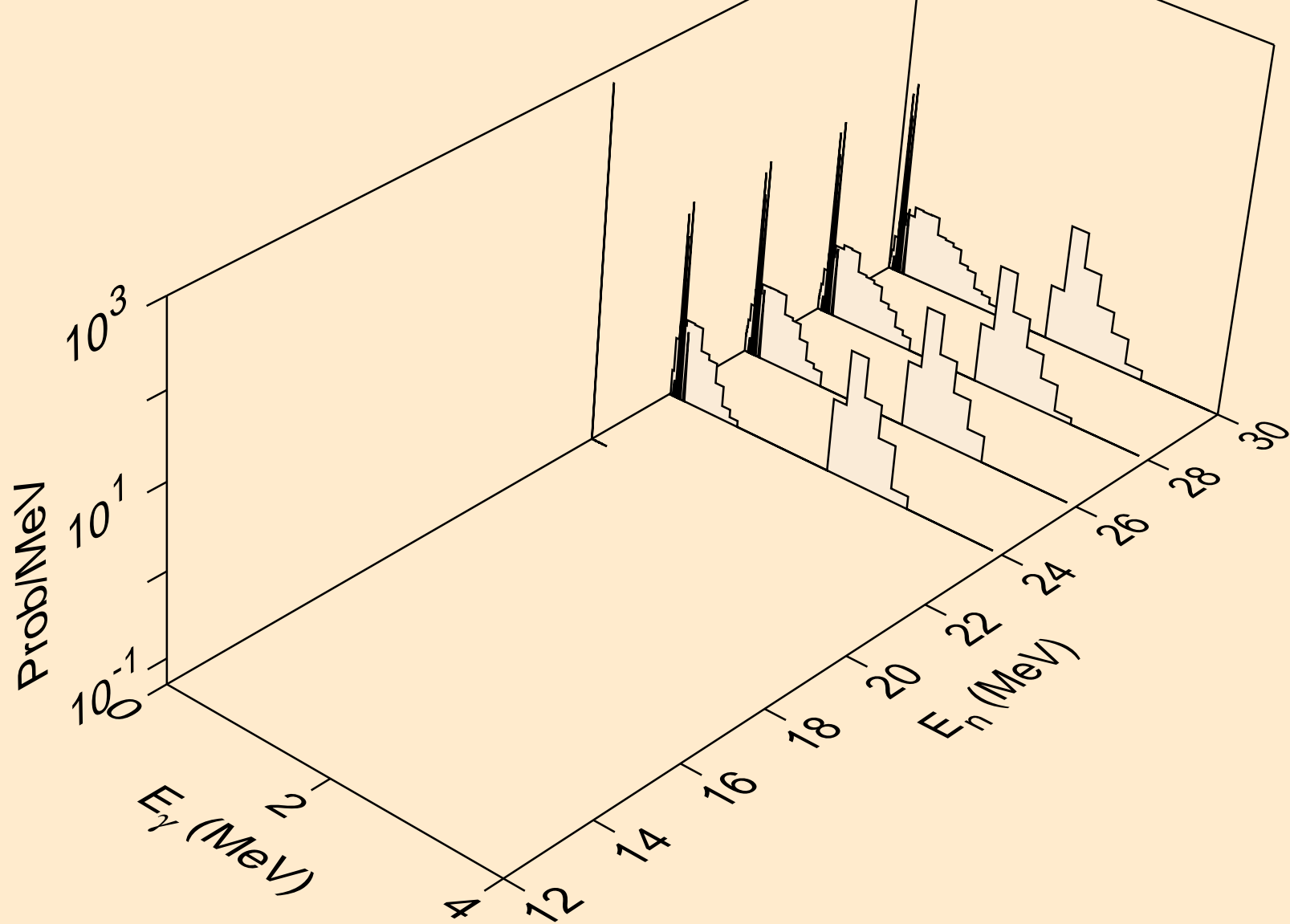
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Photon emission for (n,d)



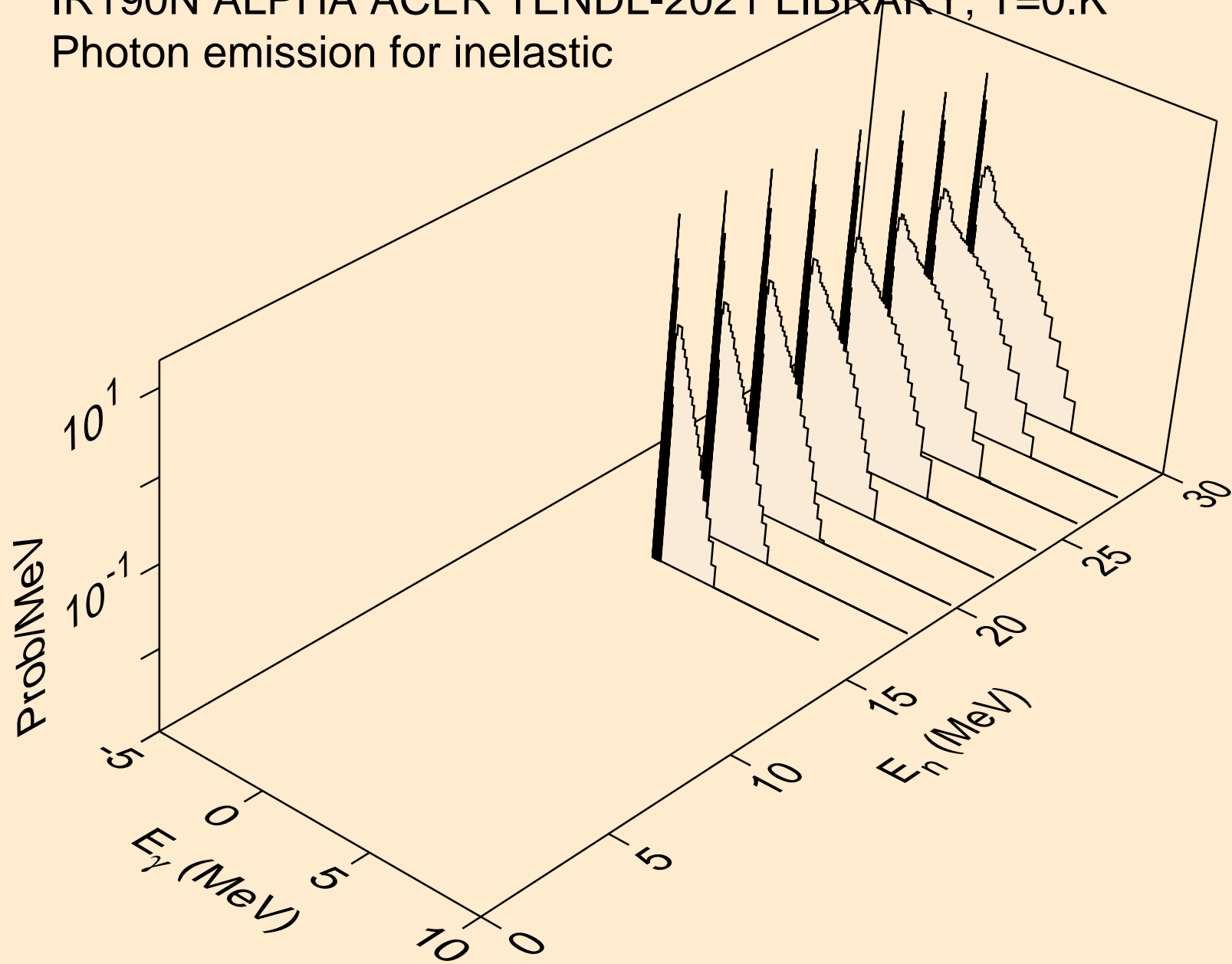
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Photon emission for (n,t)



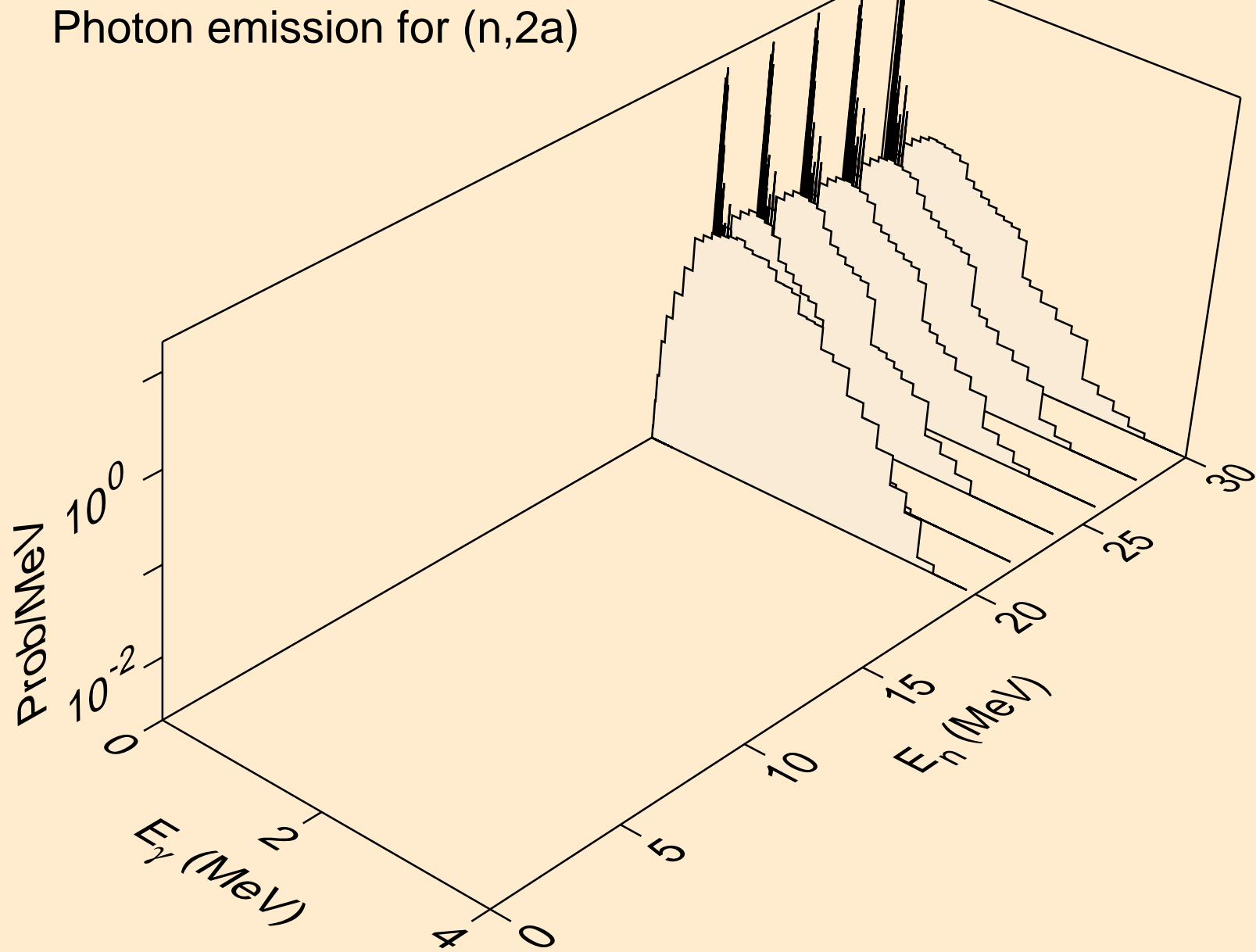
IR190N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,he3)



IR190N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic

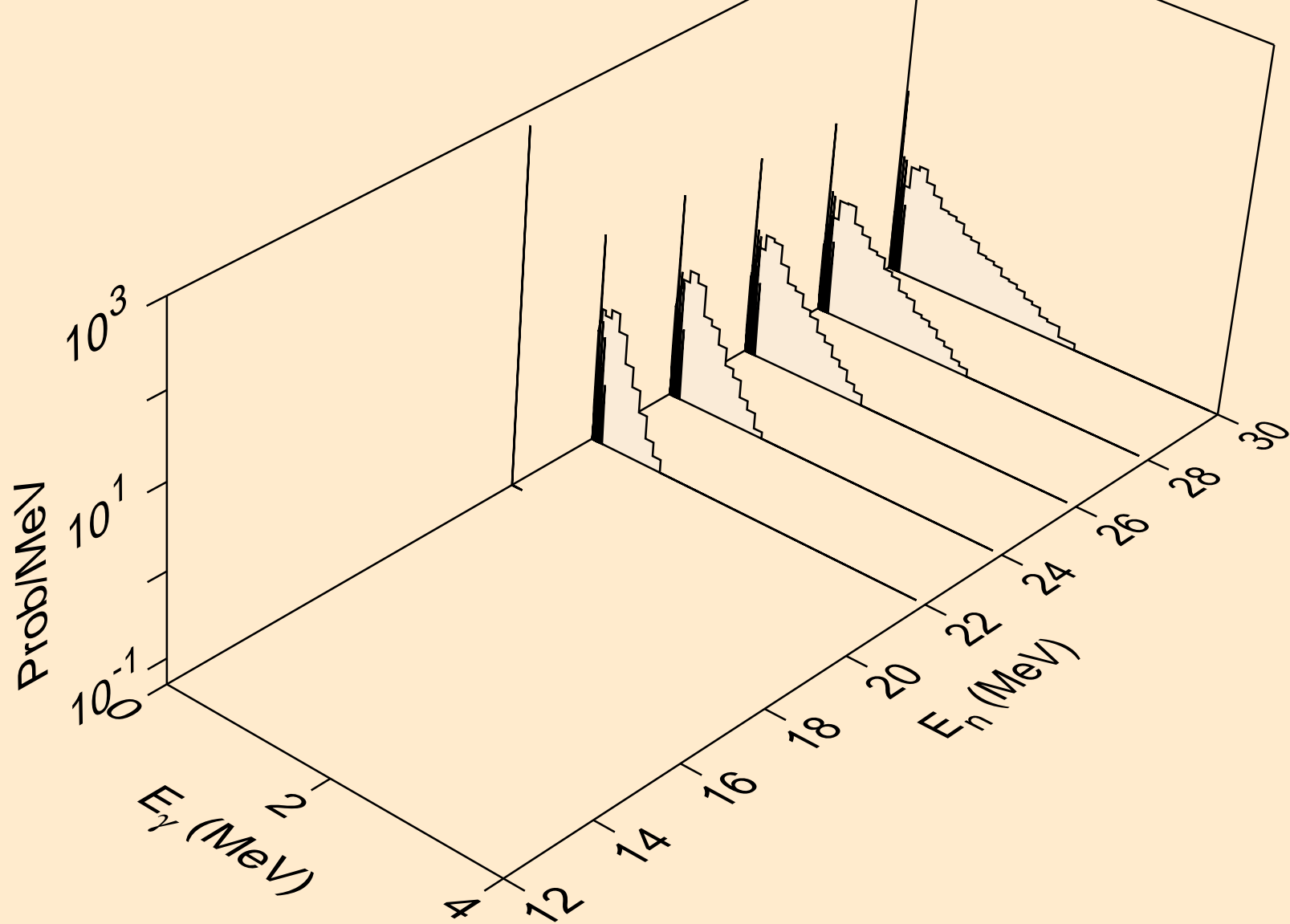


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Photon emission for (n,2a)

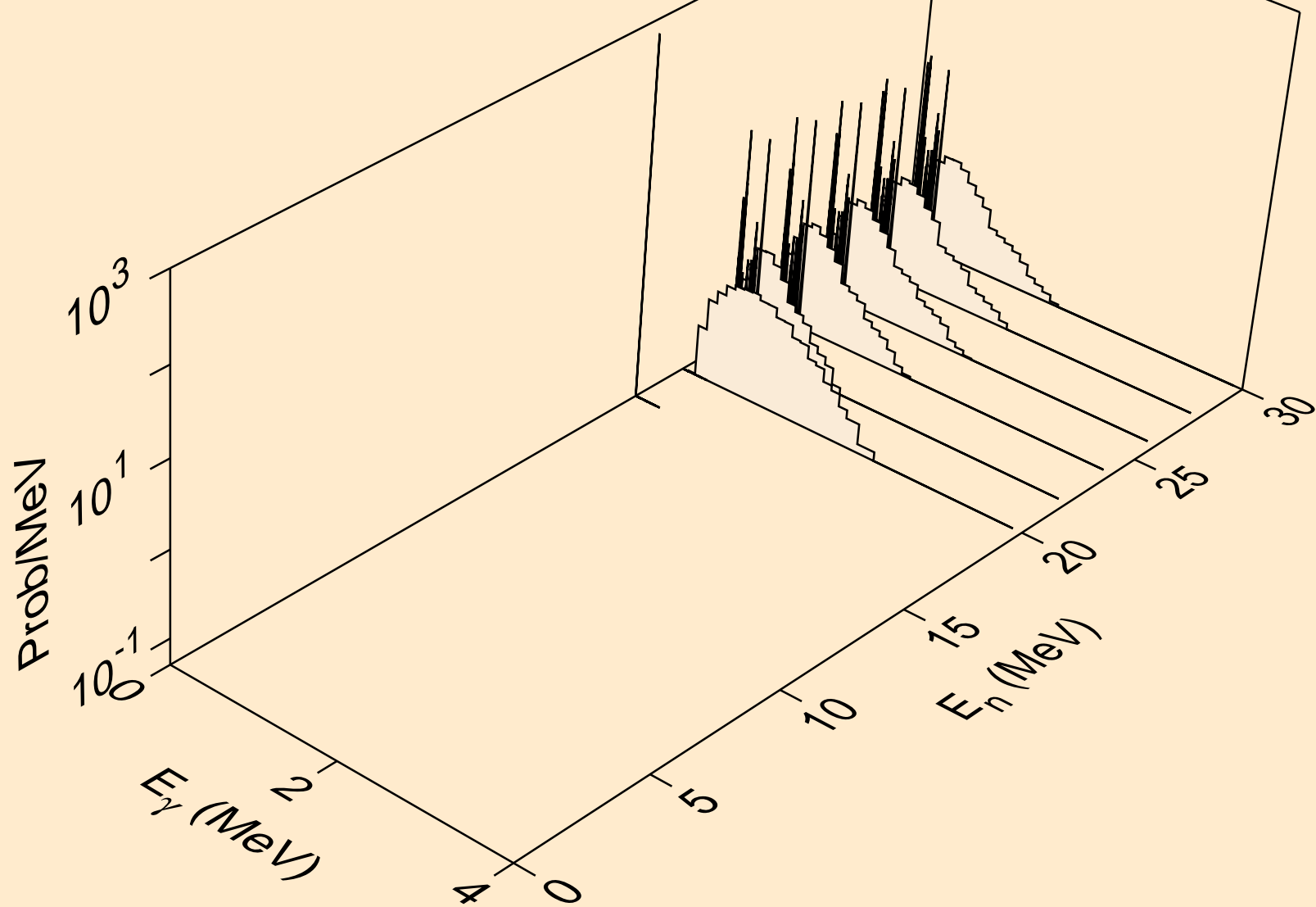




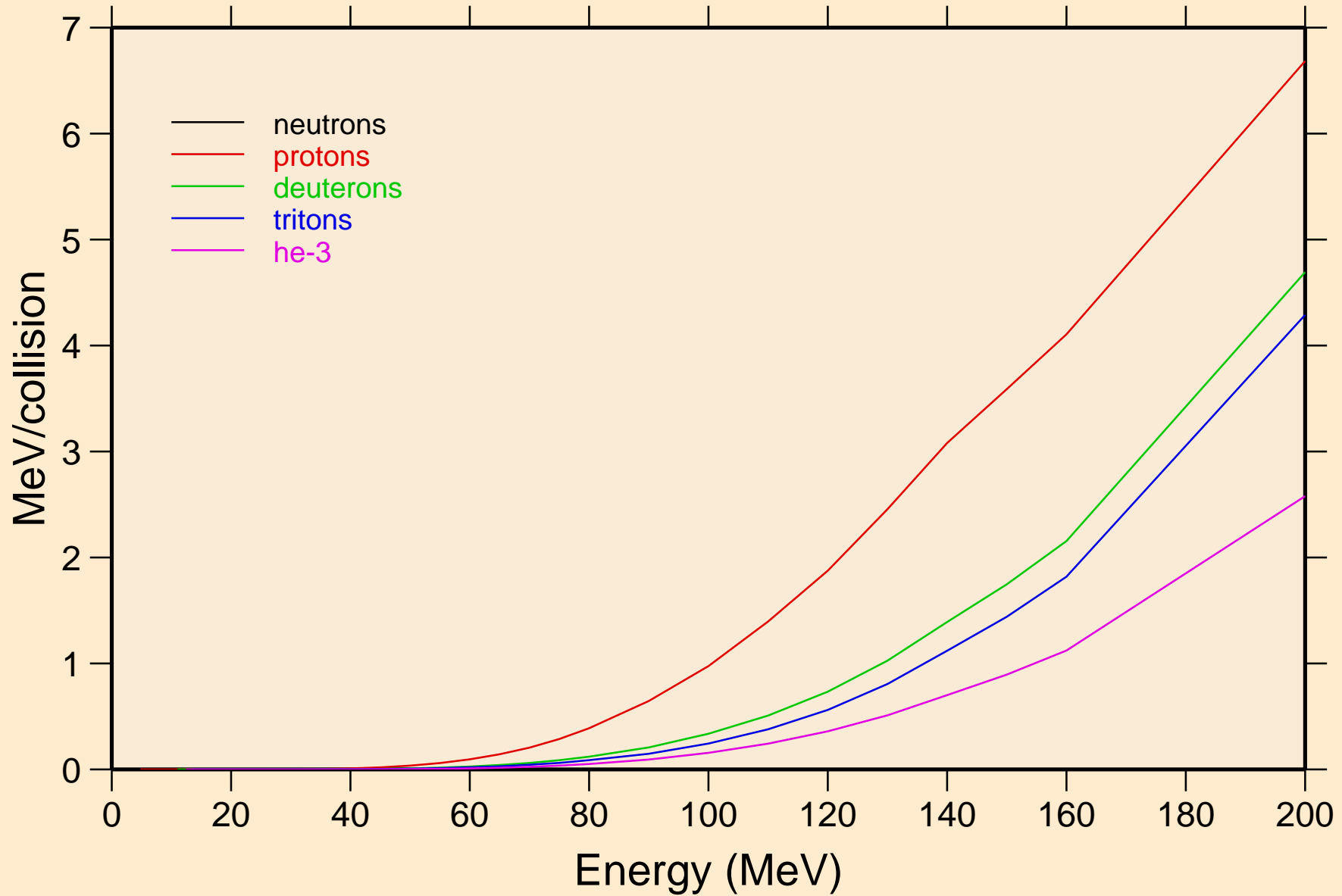
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Photon emission for (n,2p)



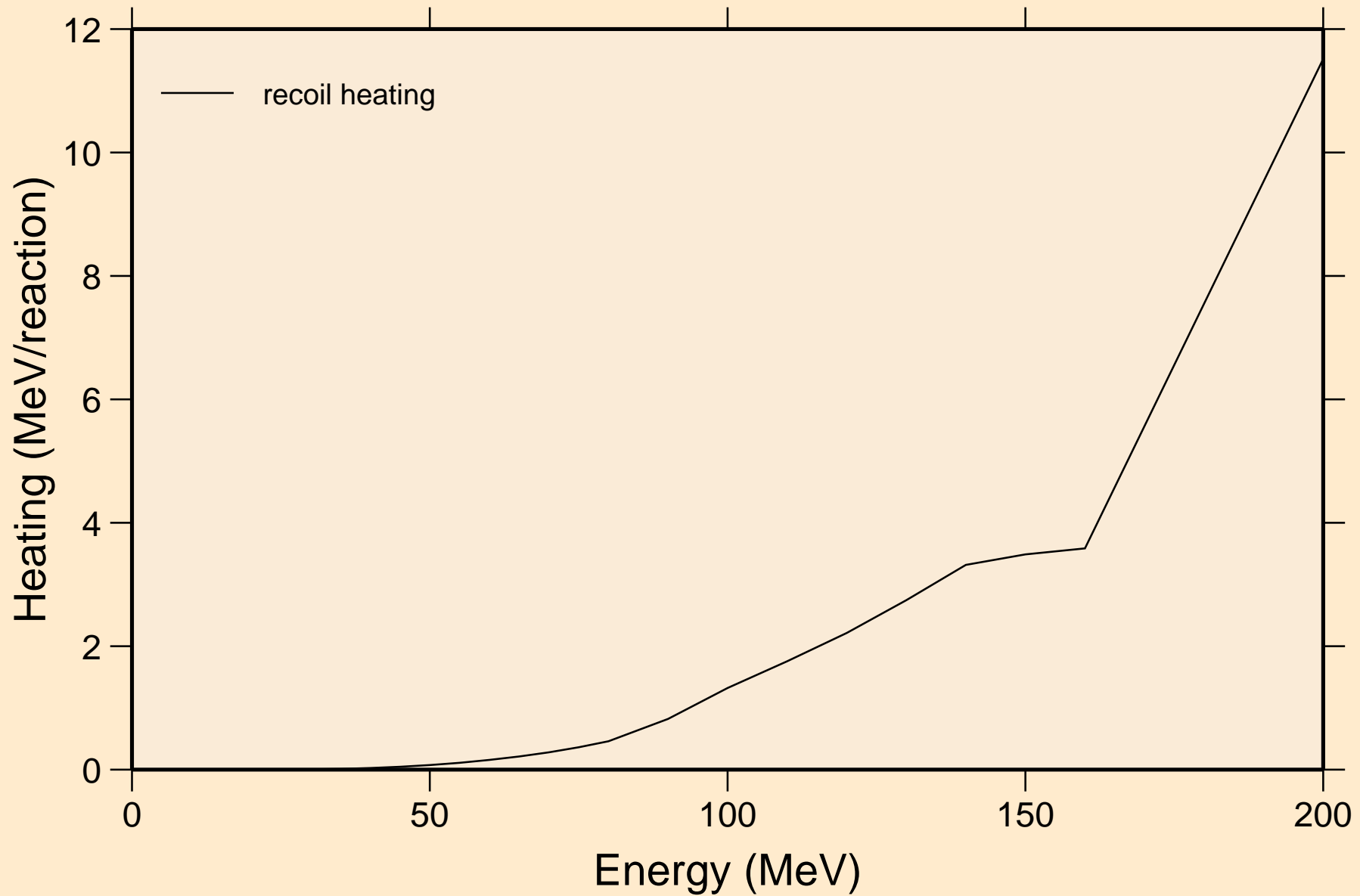
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Photon emission for (n,pa)



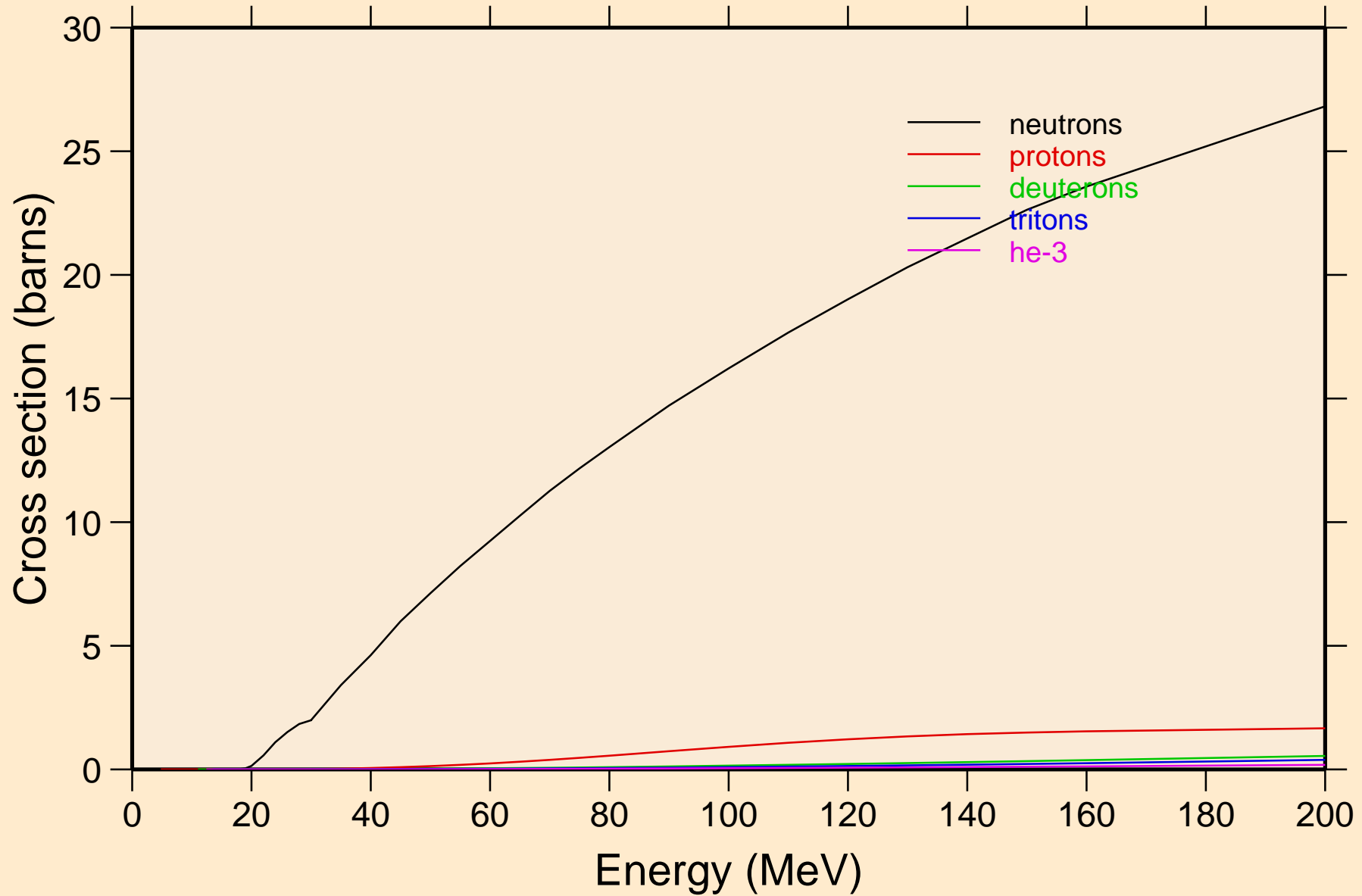
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Particle heating contributions



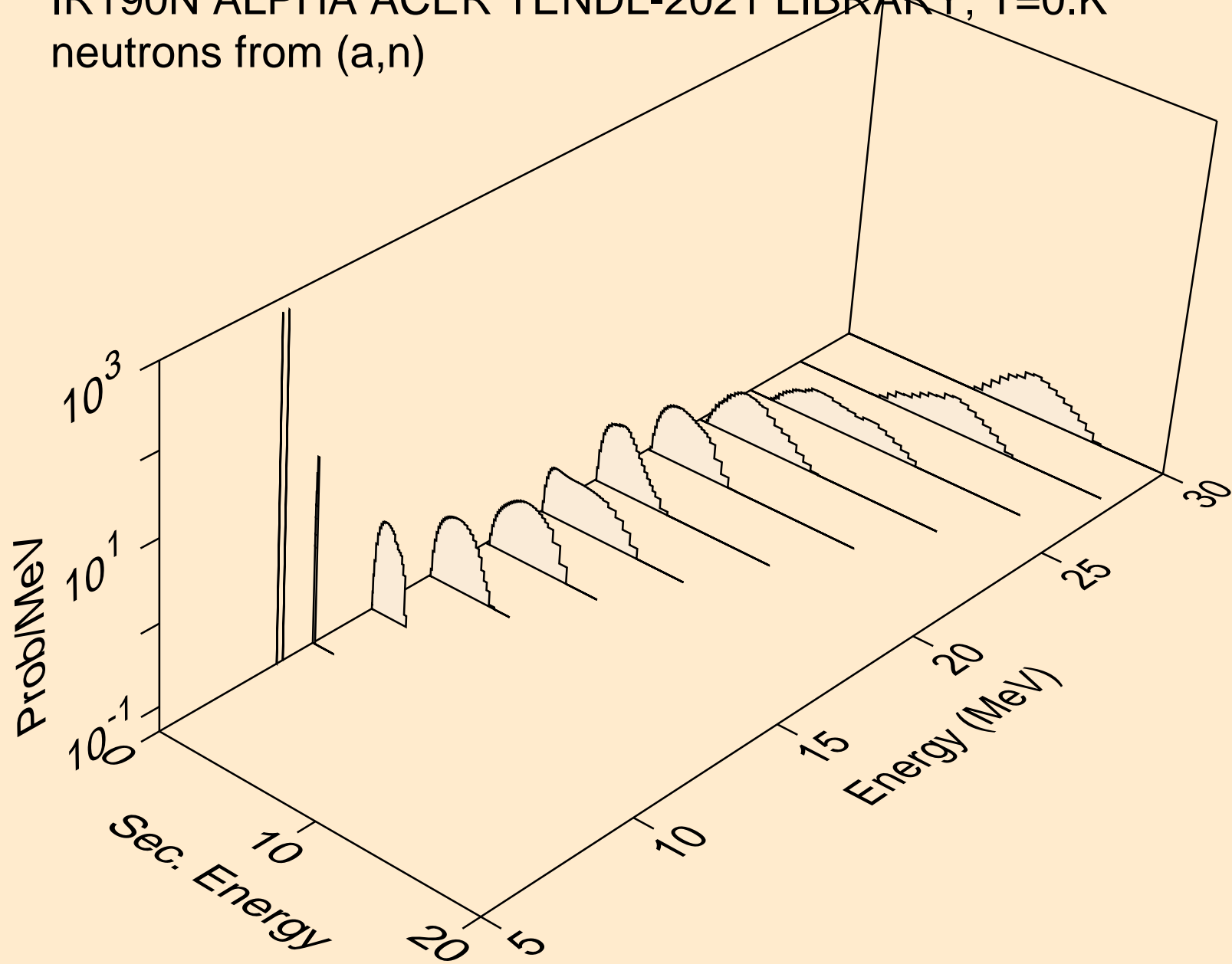
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Recoil Heating



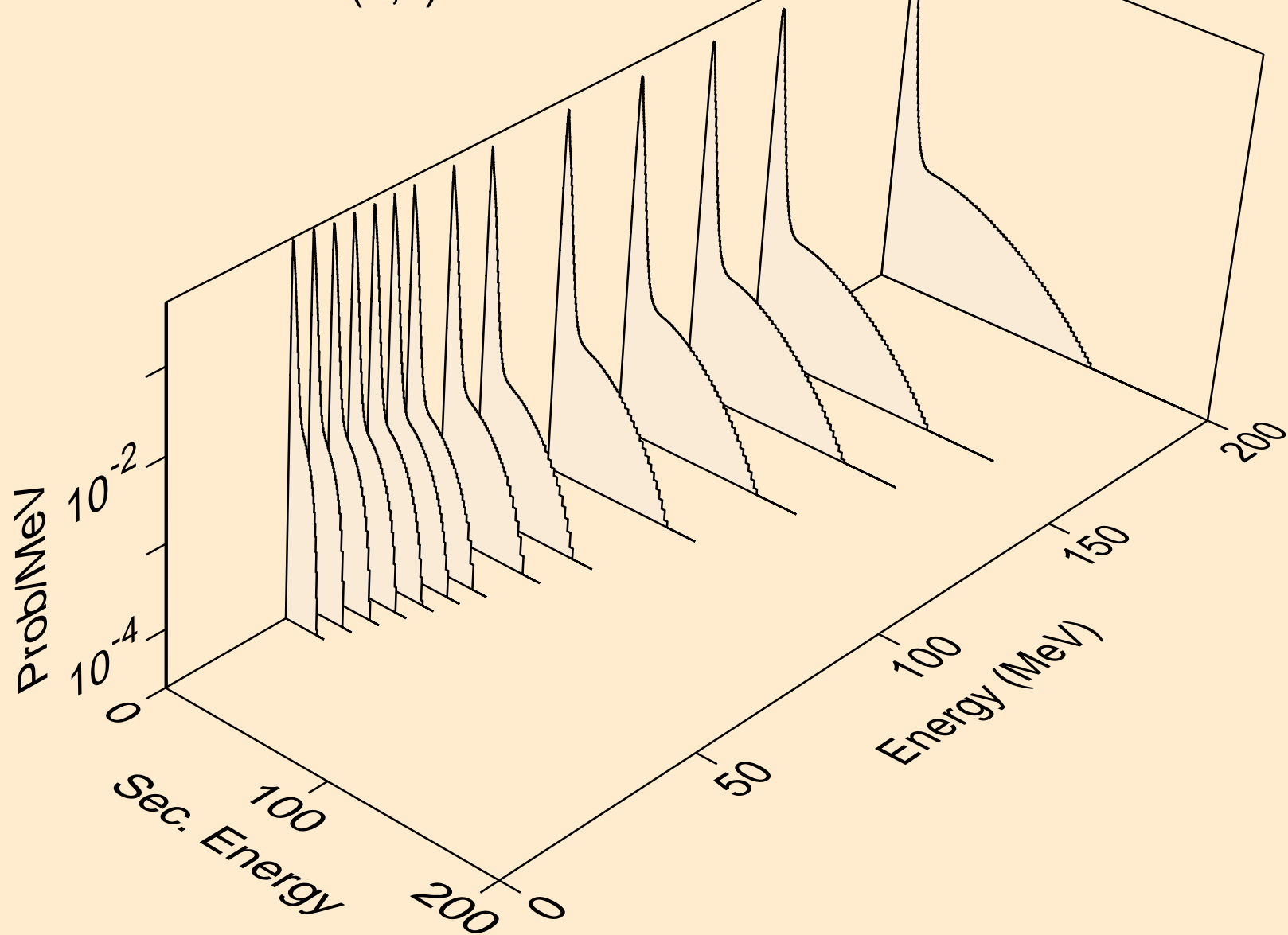
IR190N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



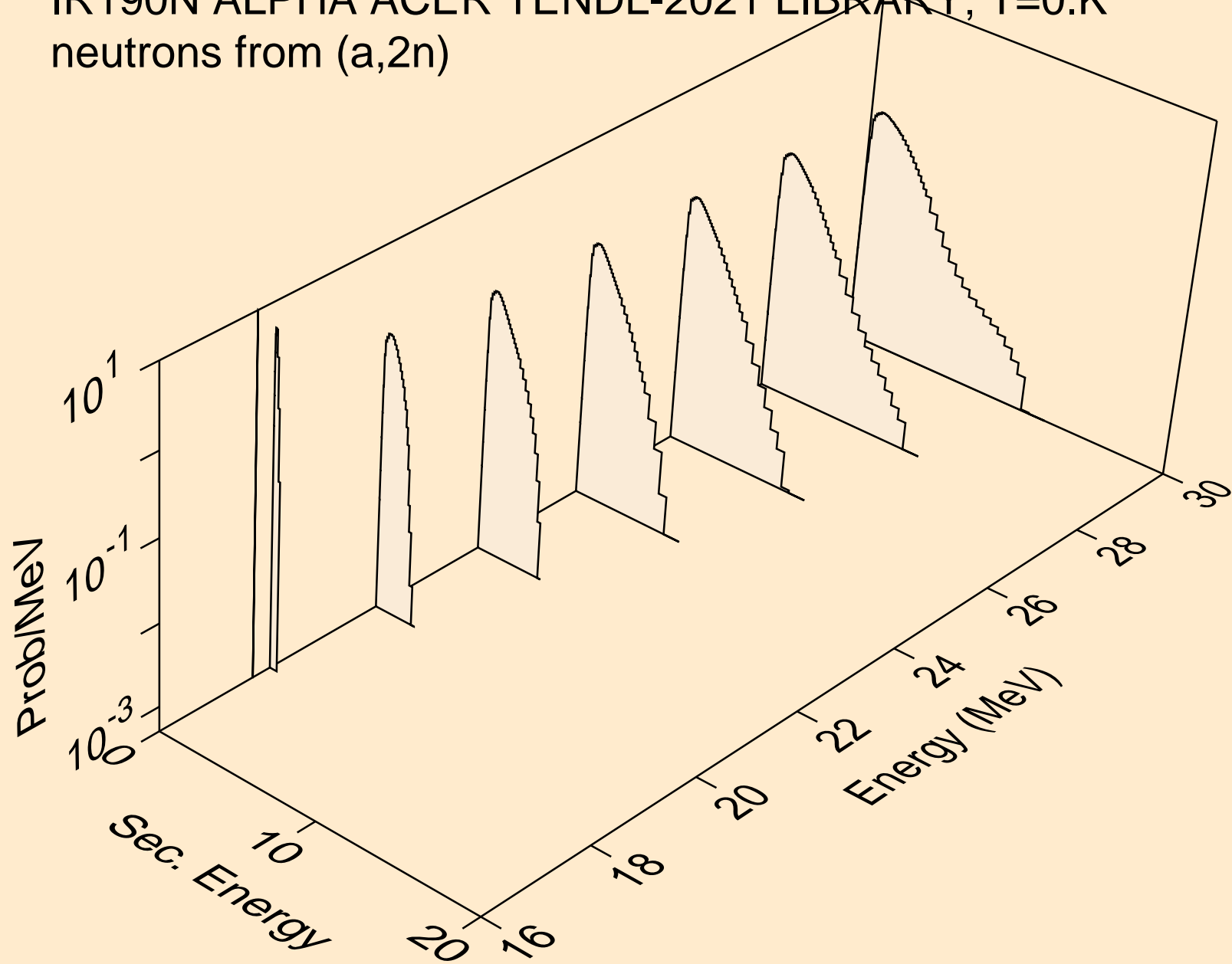
IR190N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n)



IR190N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,x)

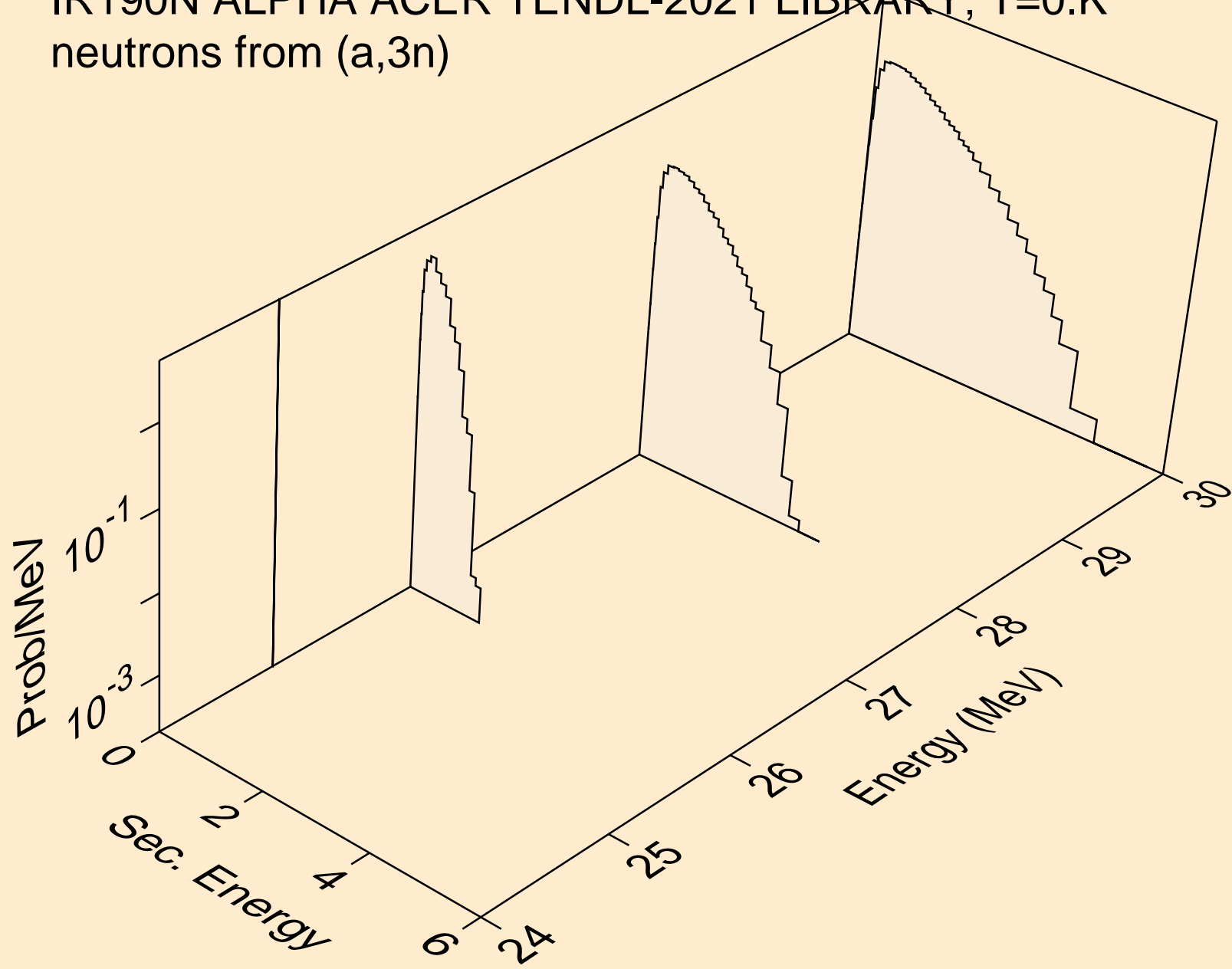


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neutrons from (a,2n)

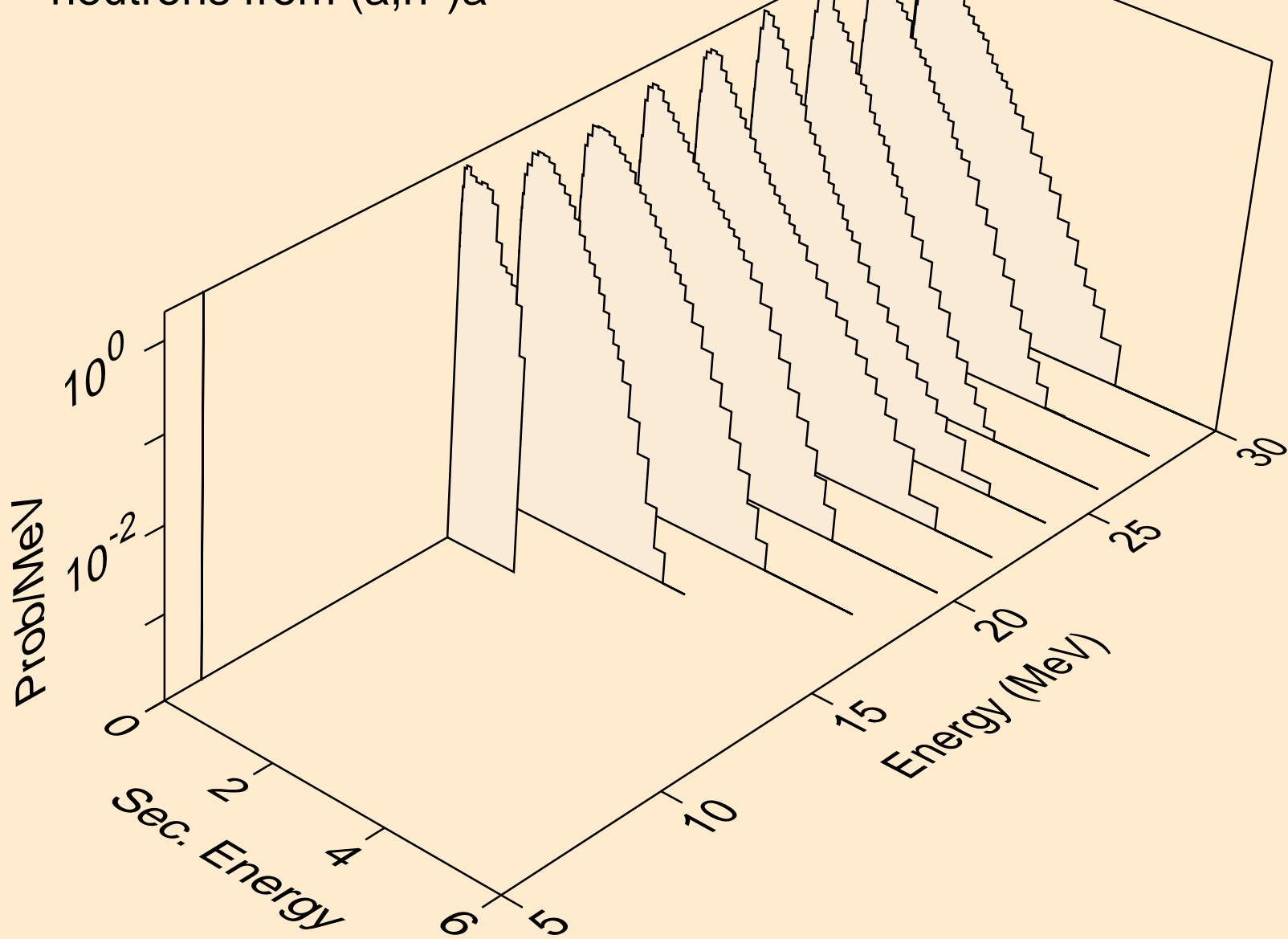




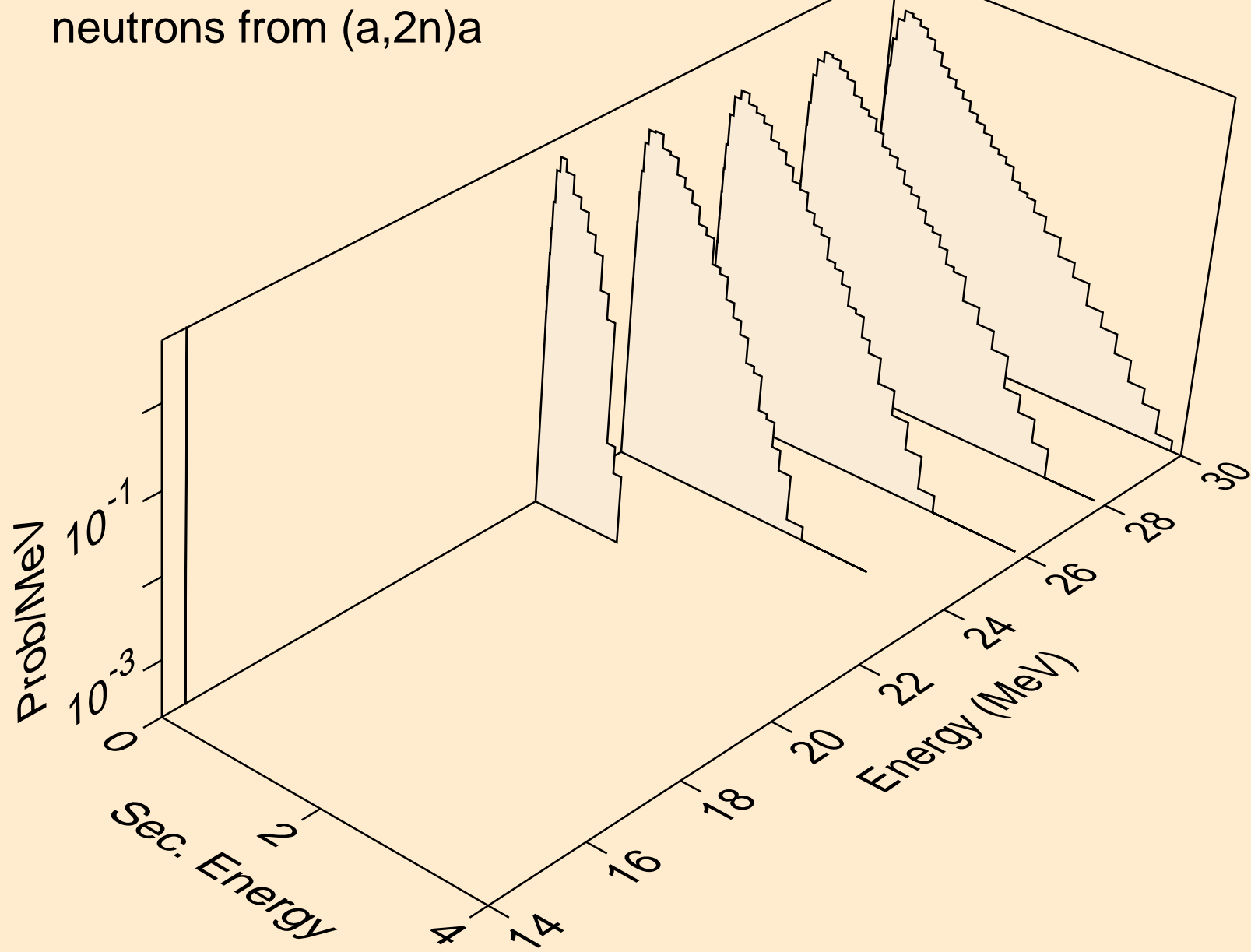
IR190N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,3n)



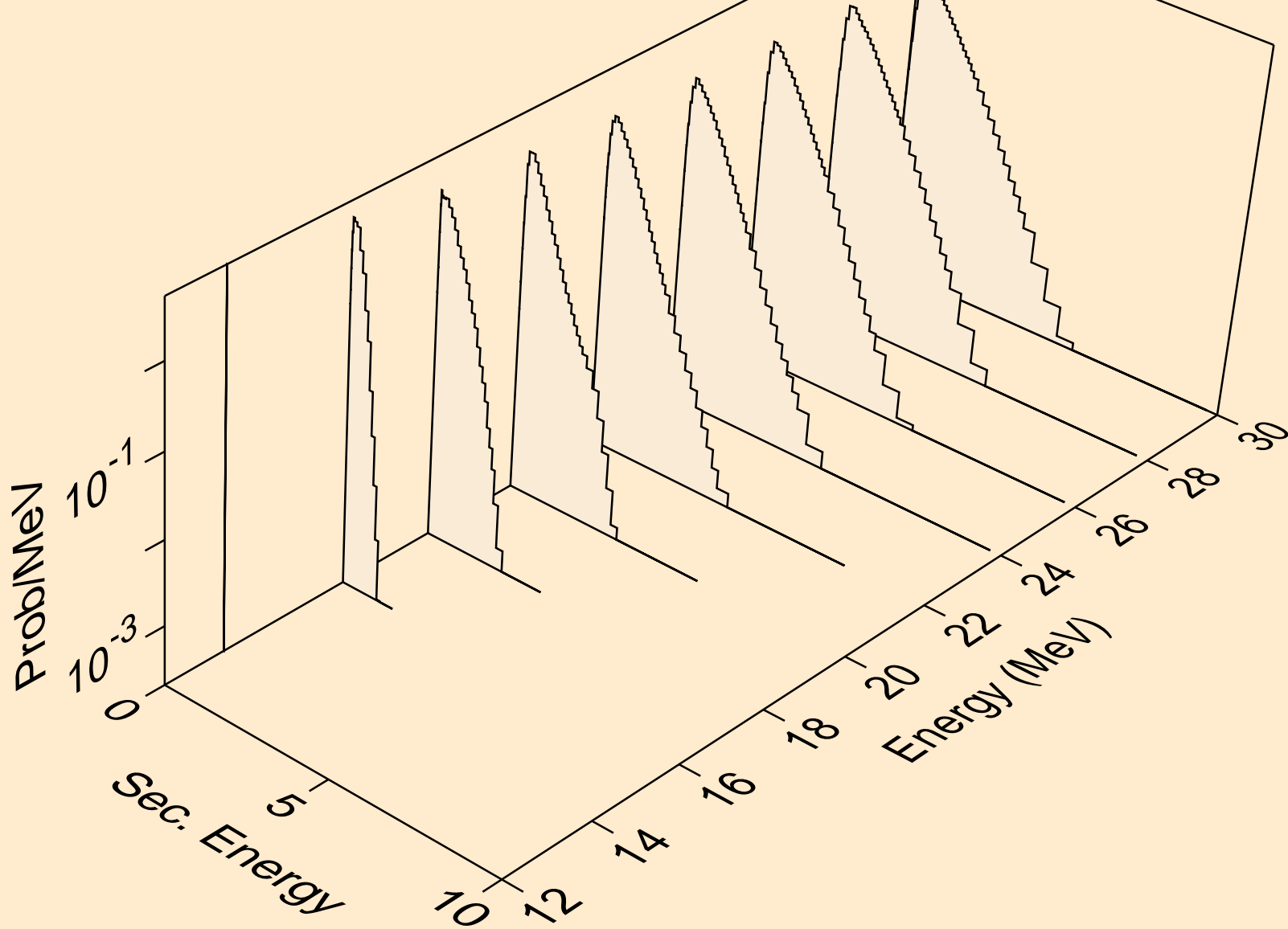
IR190N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)a



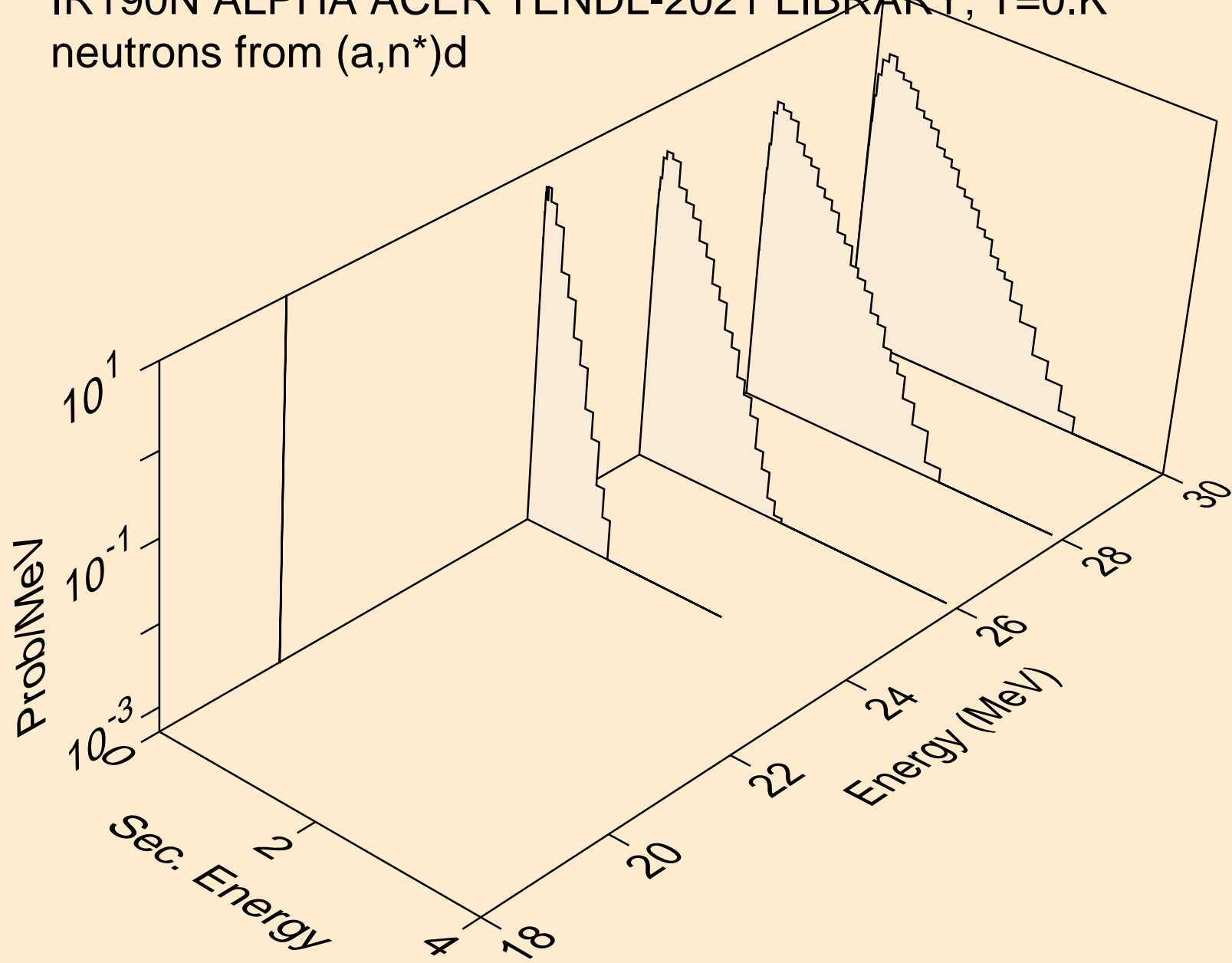
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neutrons from (a,2n)a



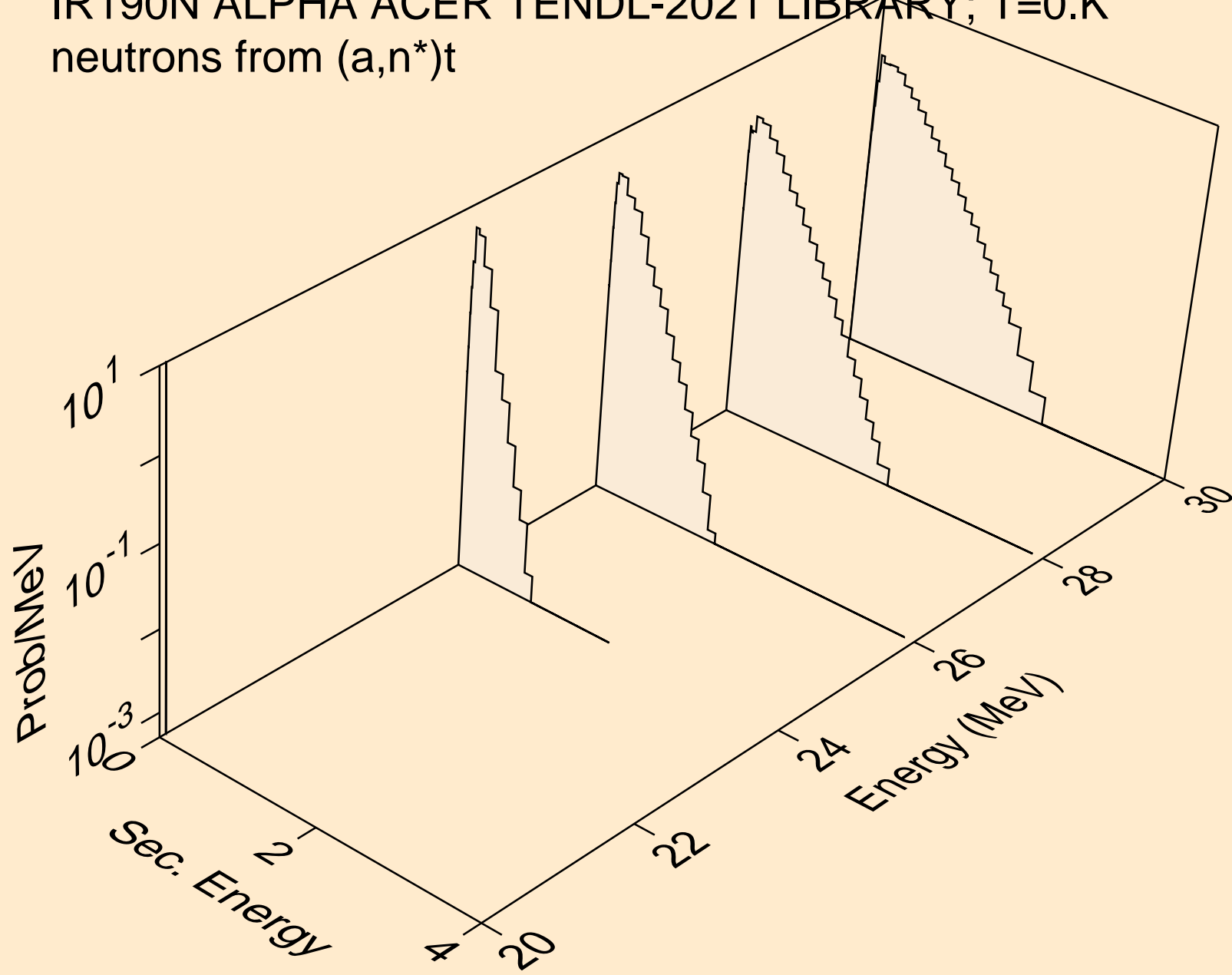
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neutrons from (a,n\*)p



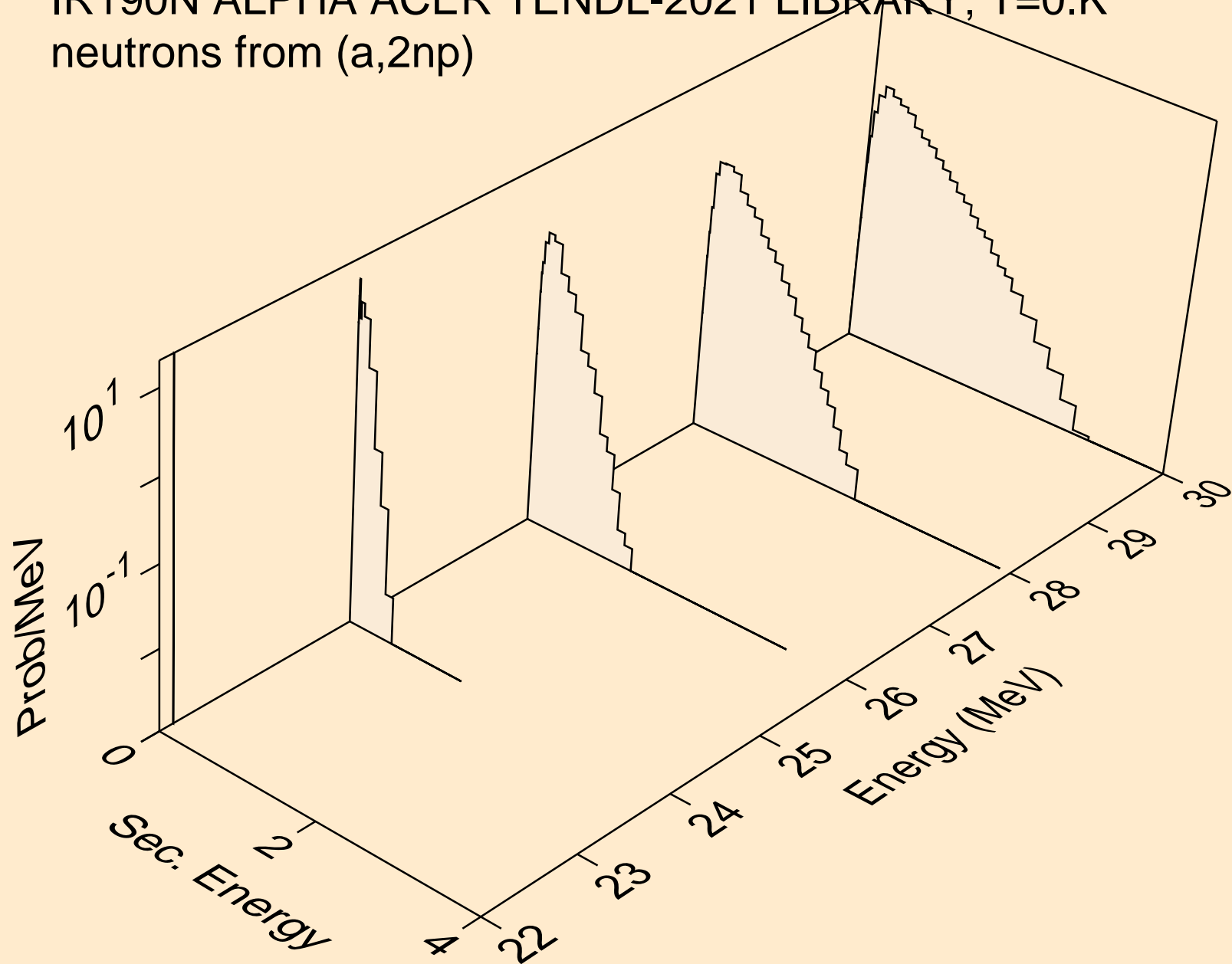
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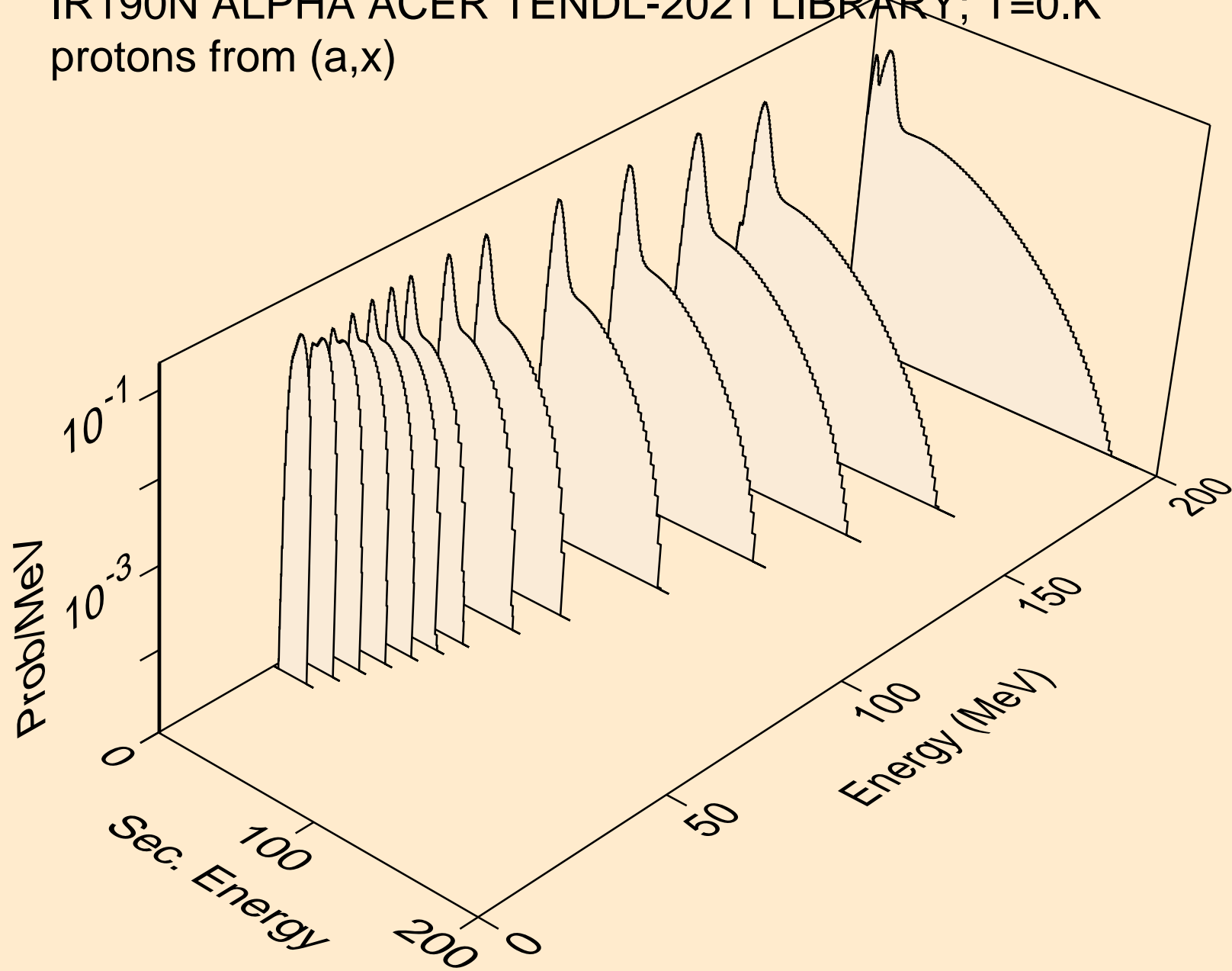
IR190N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)t



IR190N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
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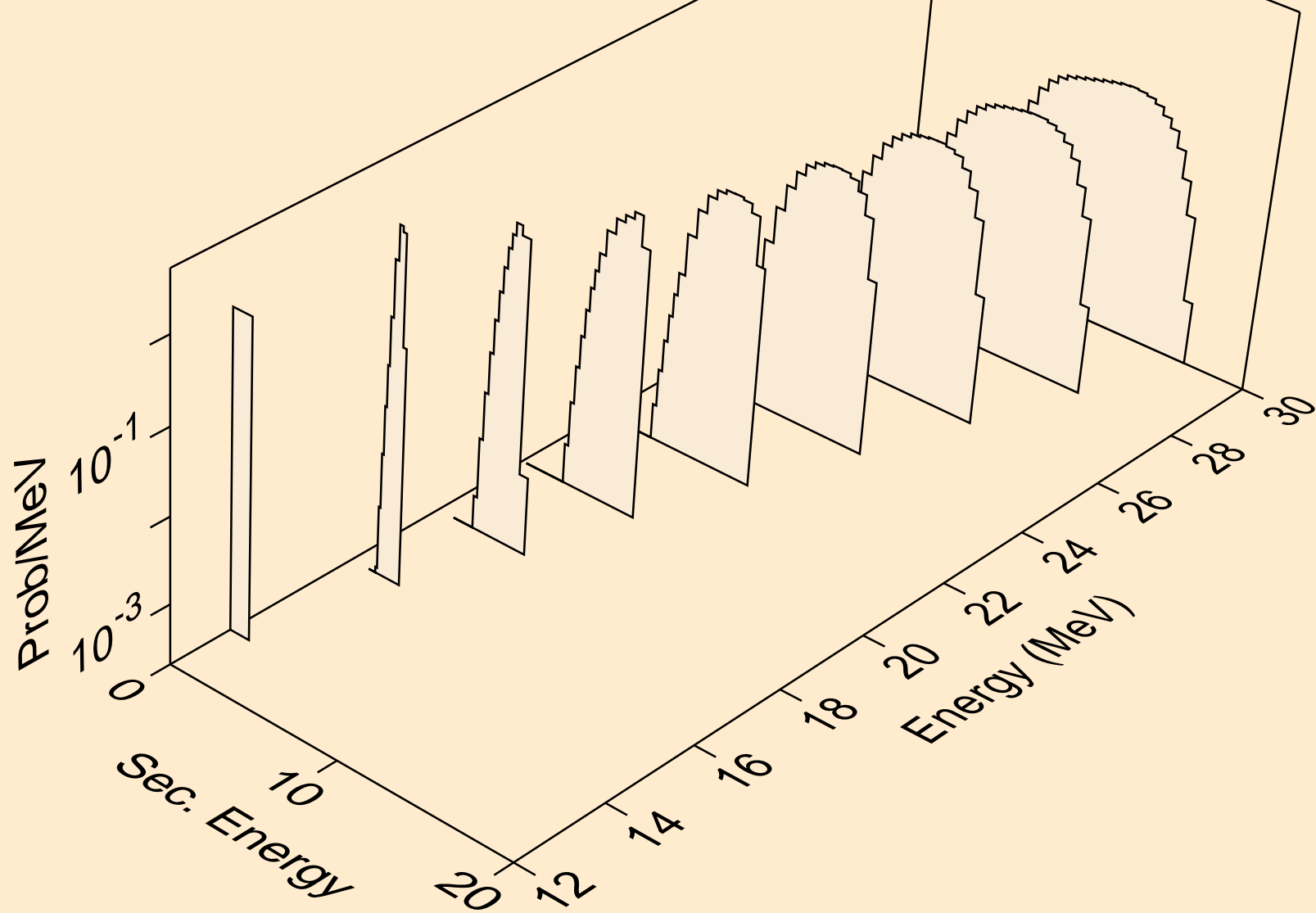


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protons from (a,x)

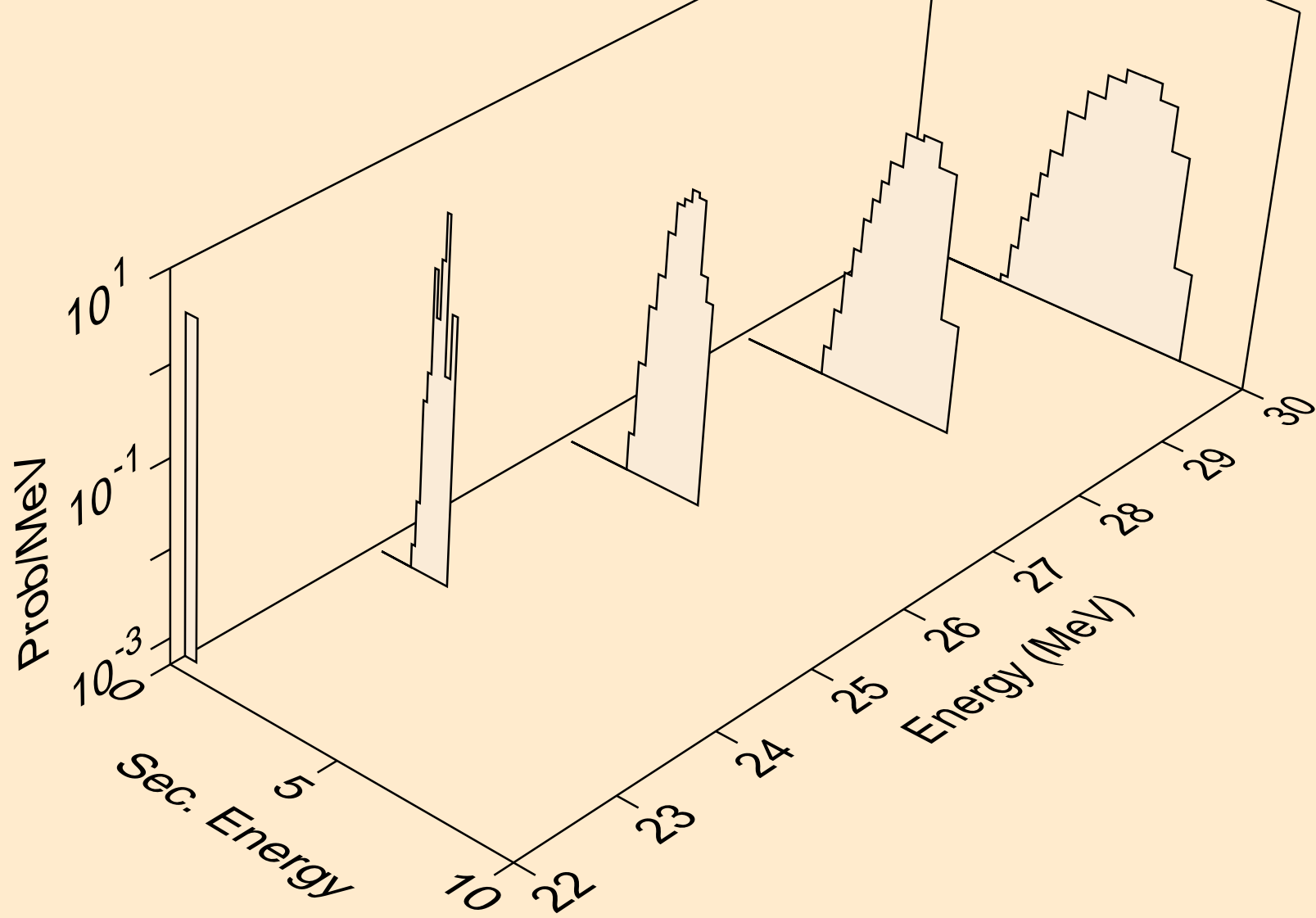




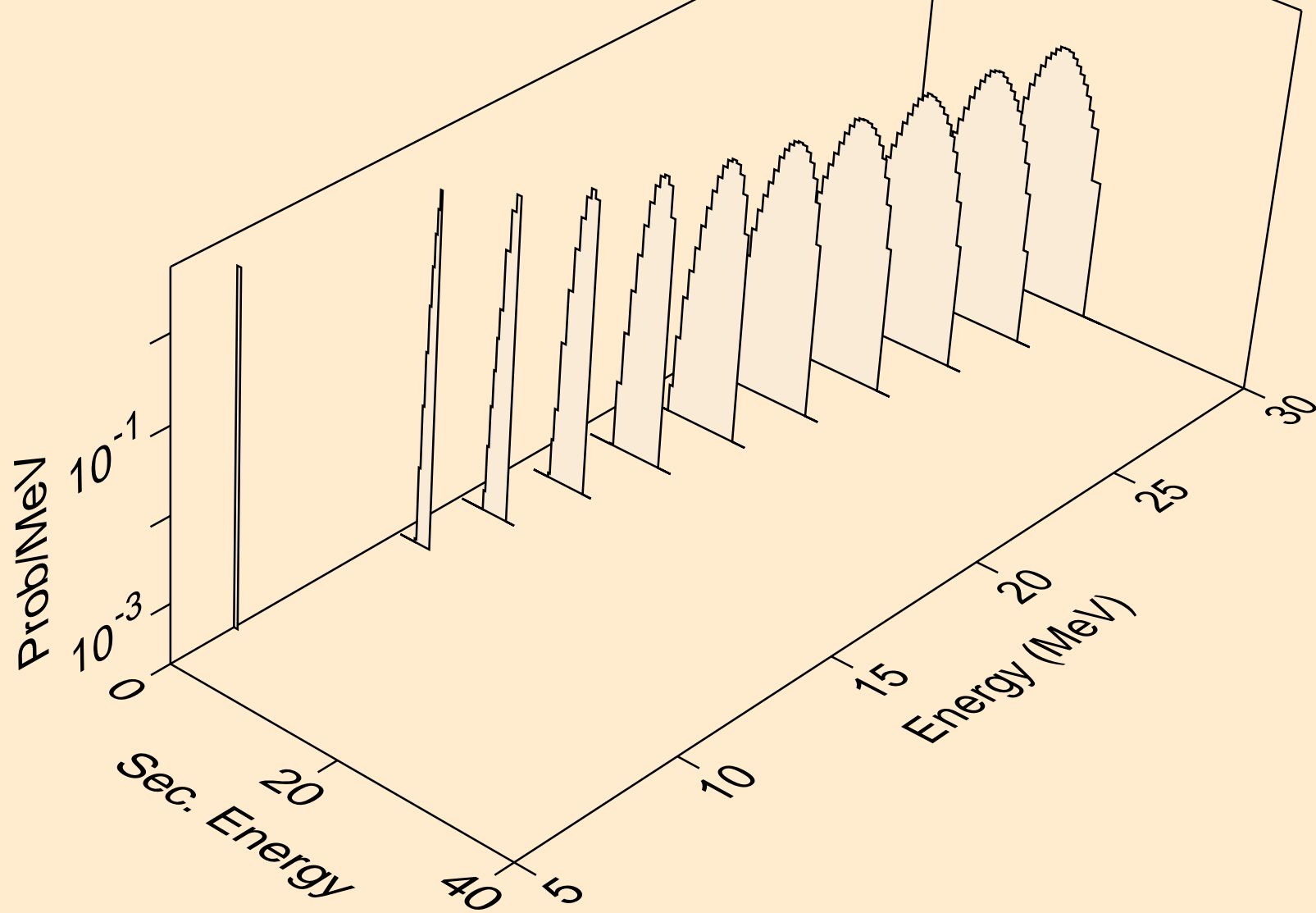
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protons from (a,n\*)p



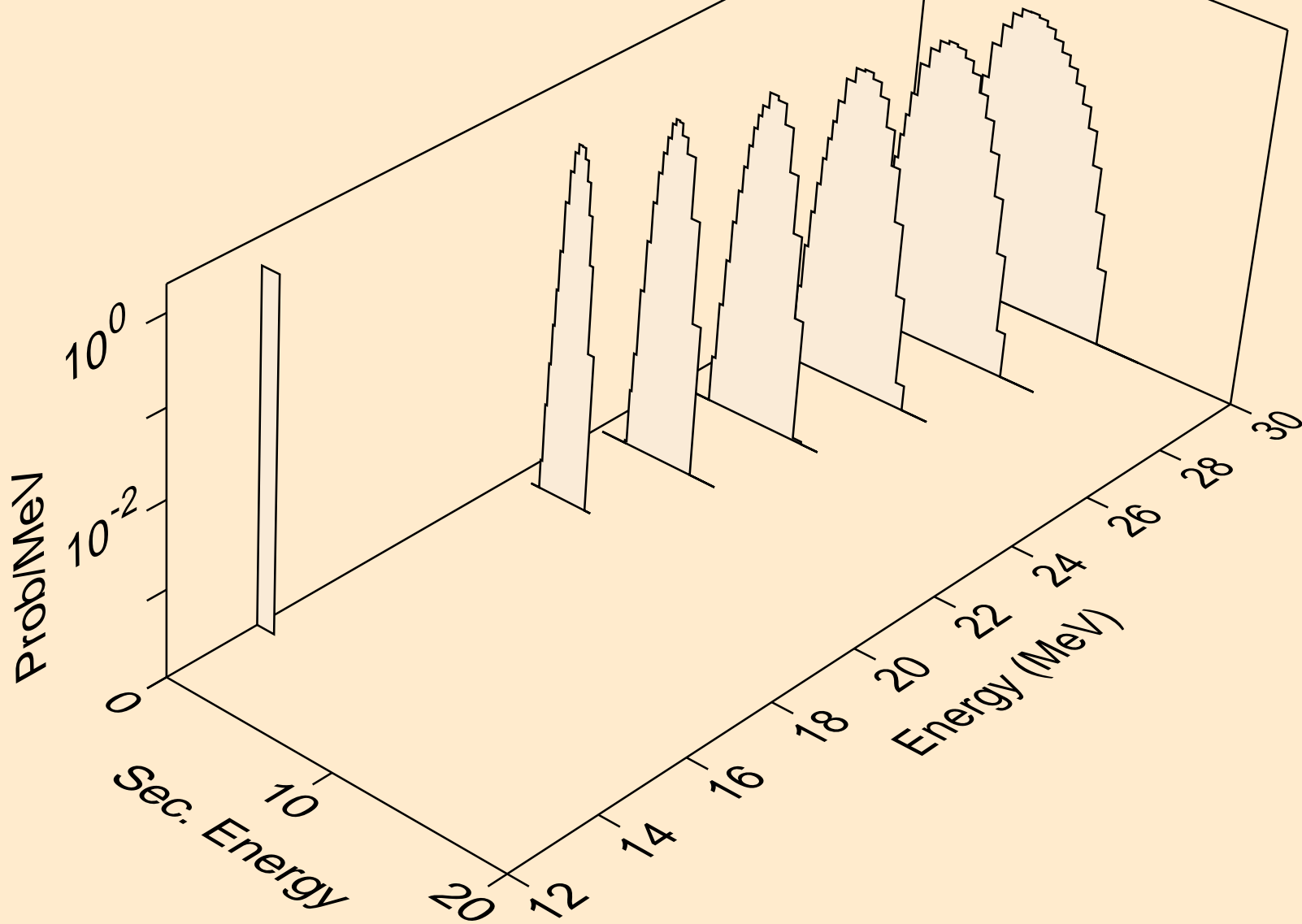
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protons from (a,2np)



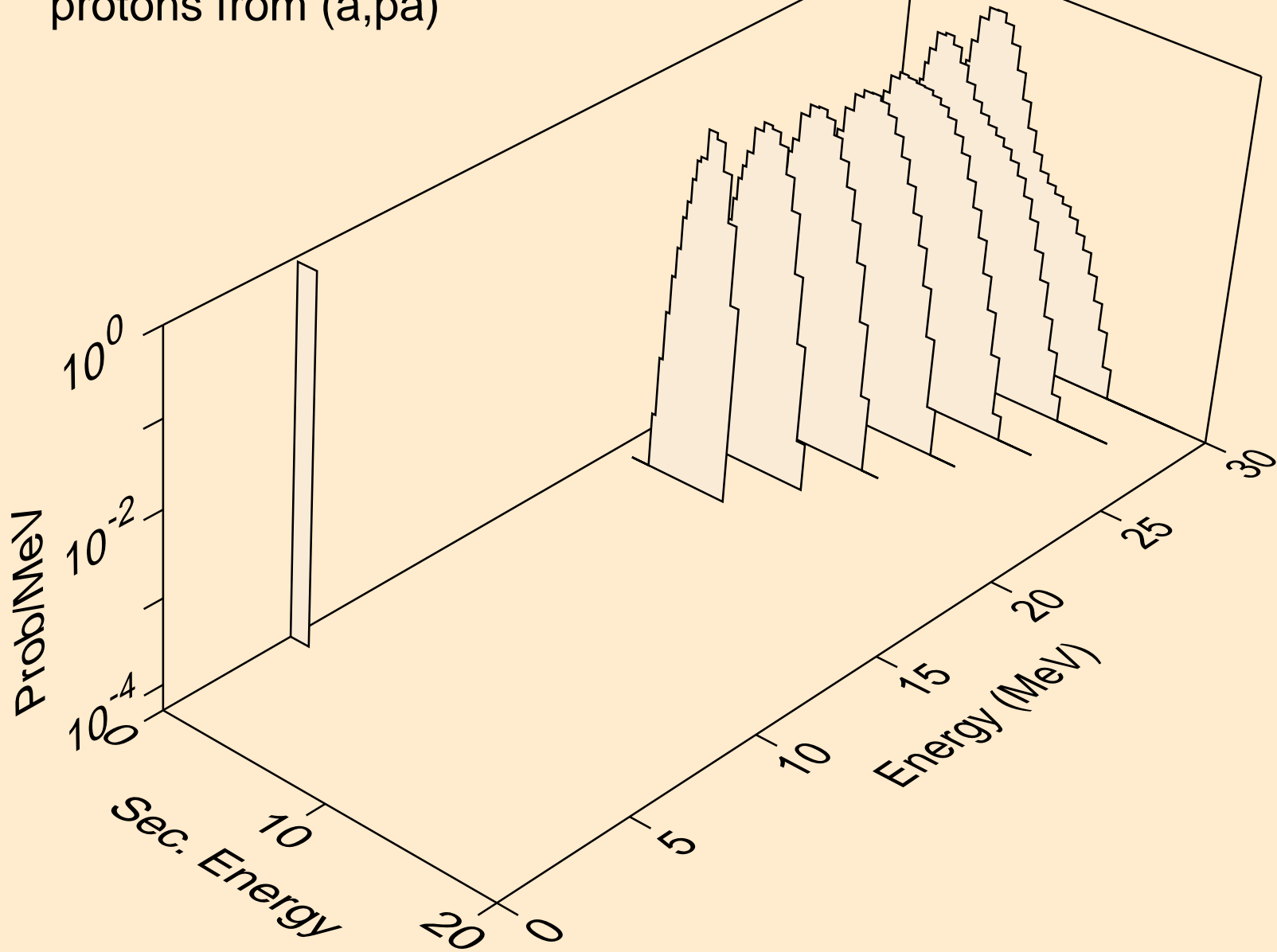
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protons from (a,p)



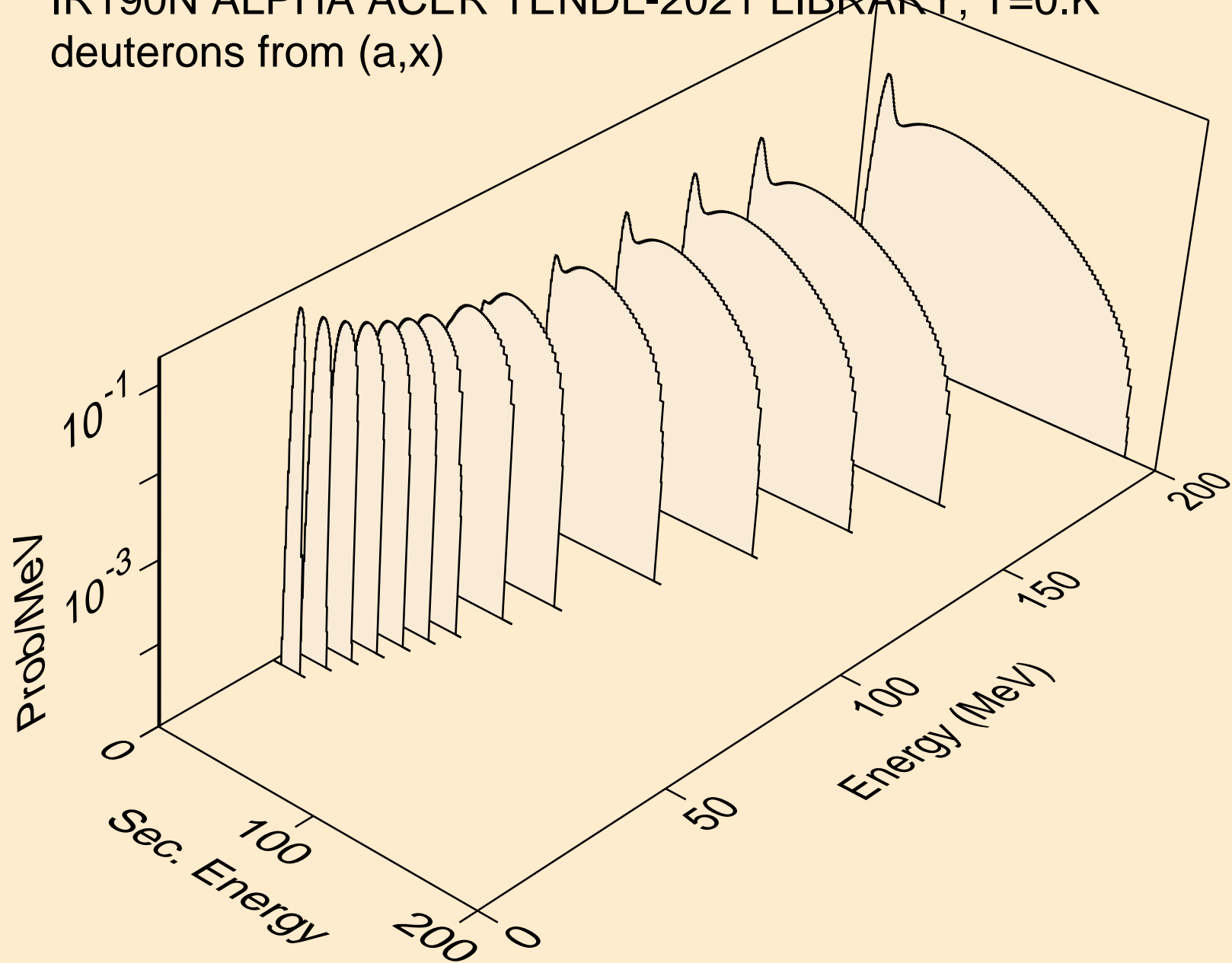
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protons from (a,2p)



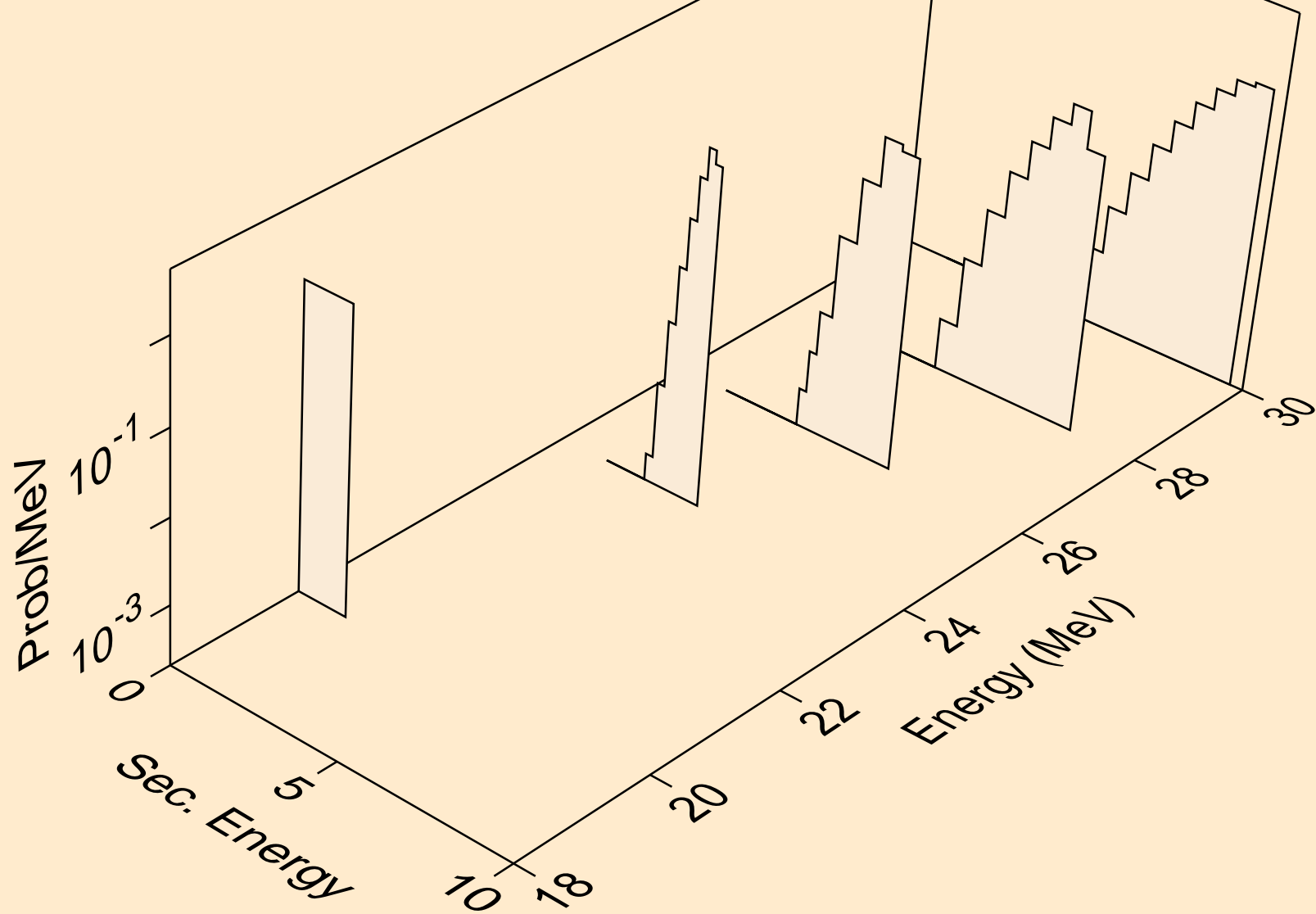
IR190N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,pa)



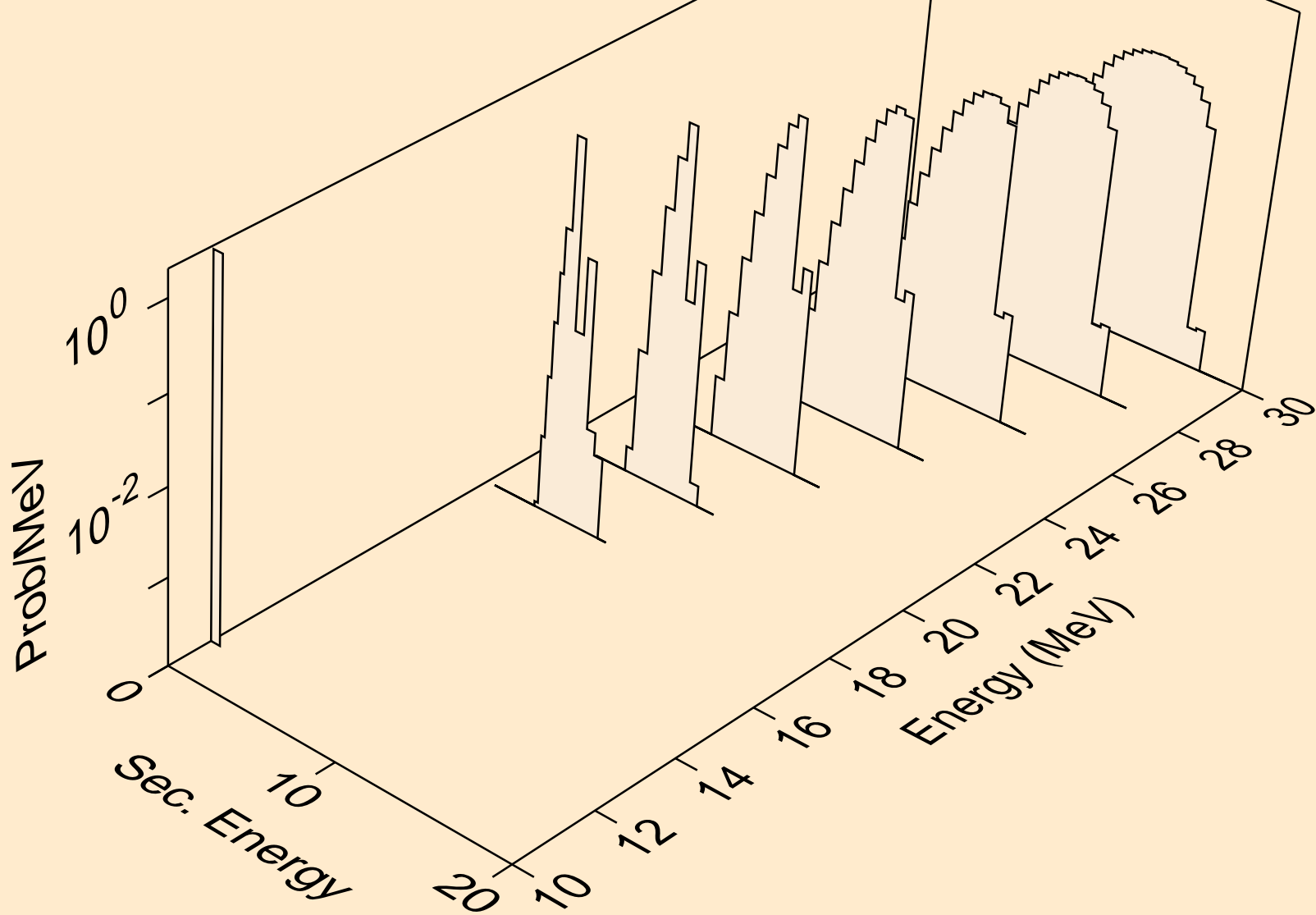
IR190N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,x)



IR190N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,n\*)d

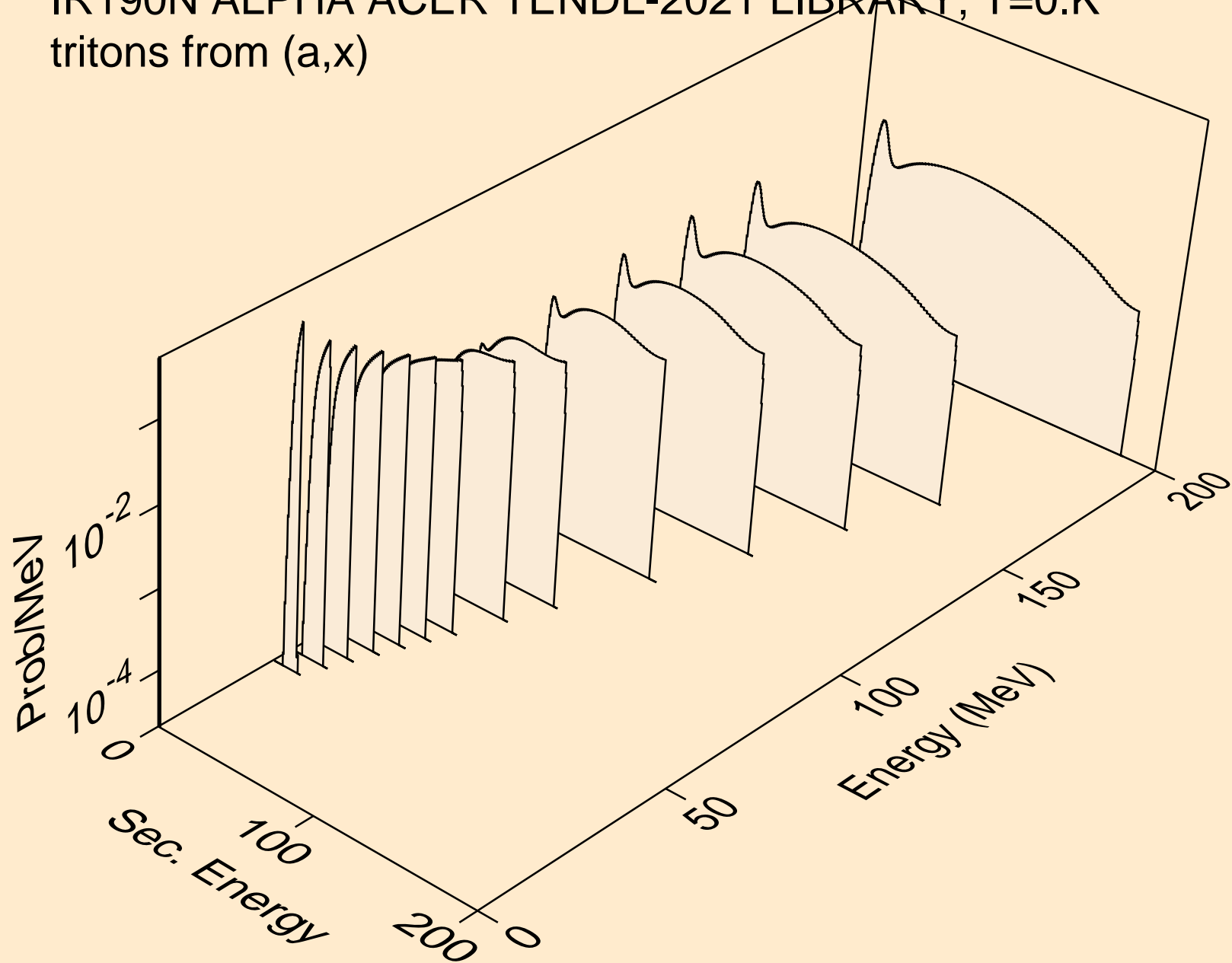


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deuterons from (a,d)

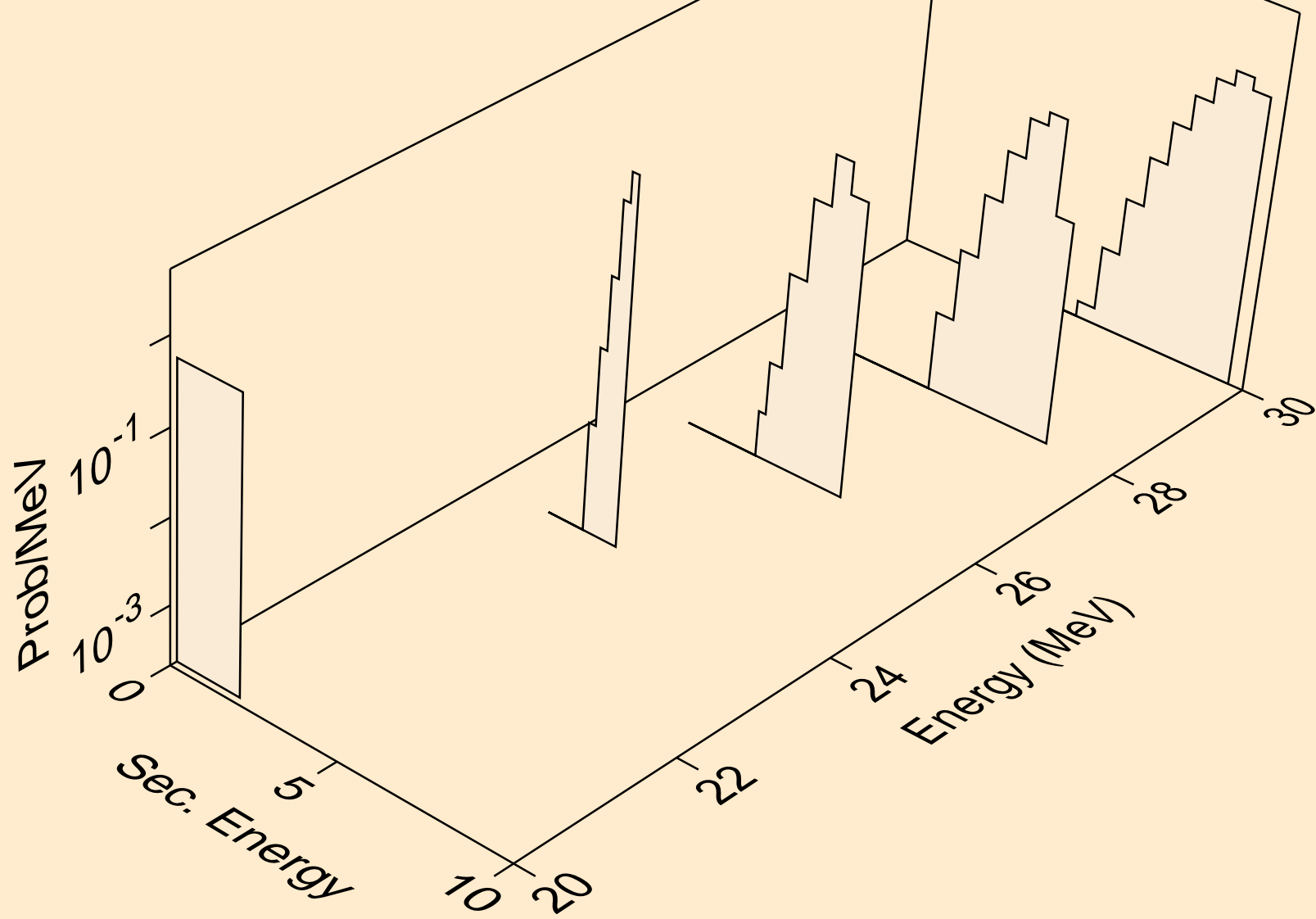




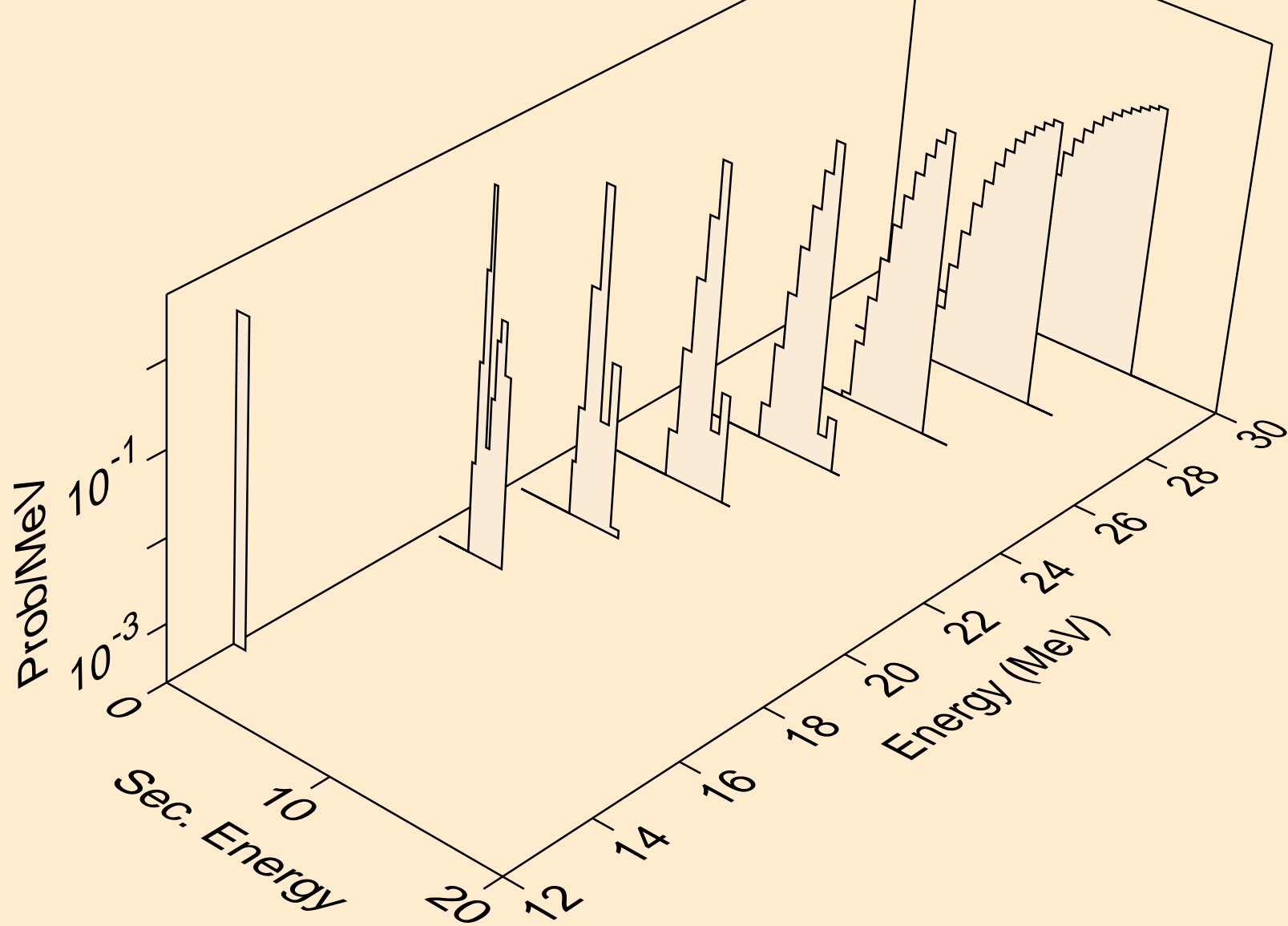
IR190N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,x)



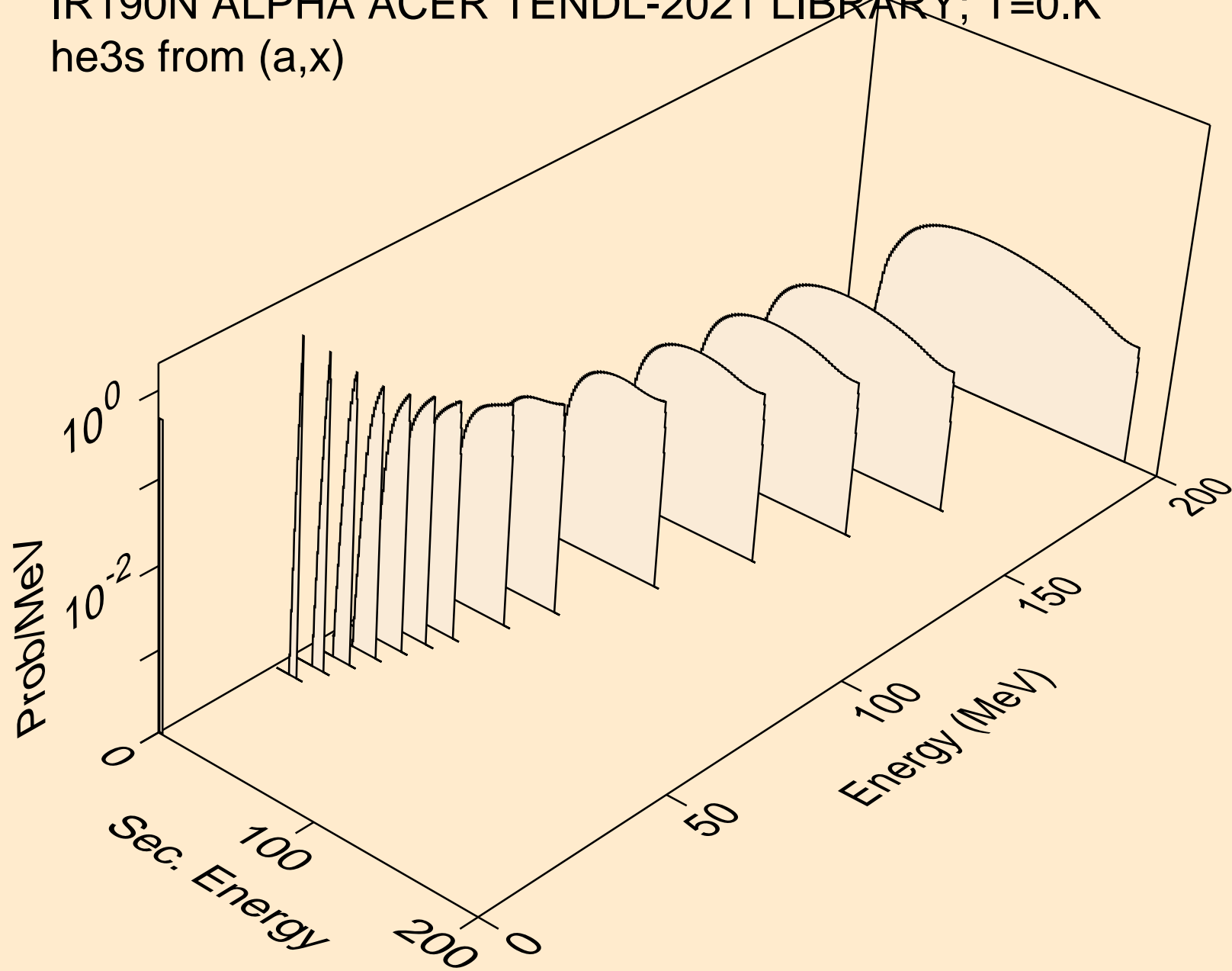
IR190N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,n\*)t



IR190N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,t)



IR190N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,x)



IR190N ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,he3)

