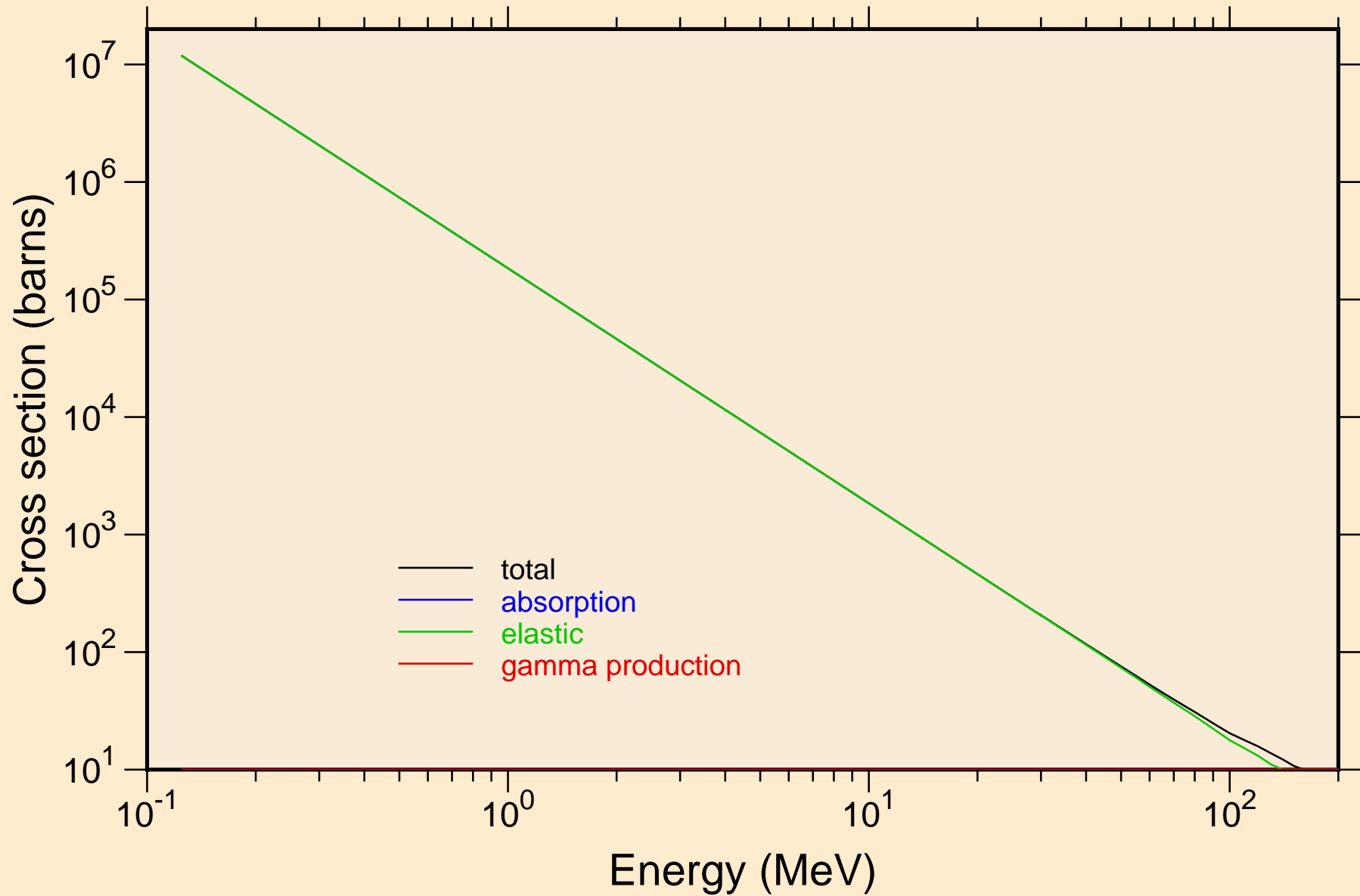
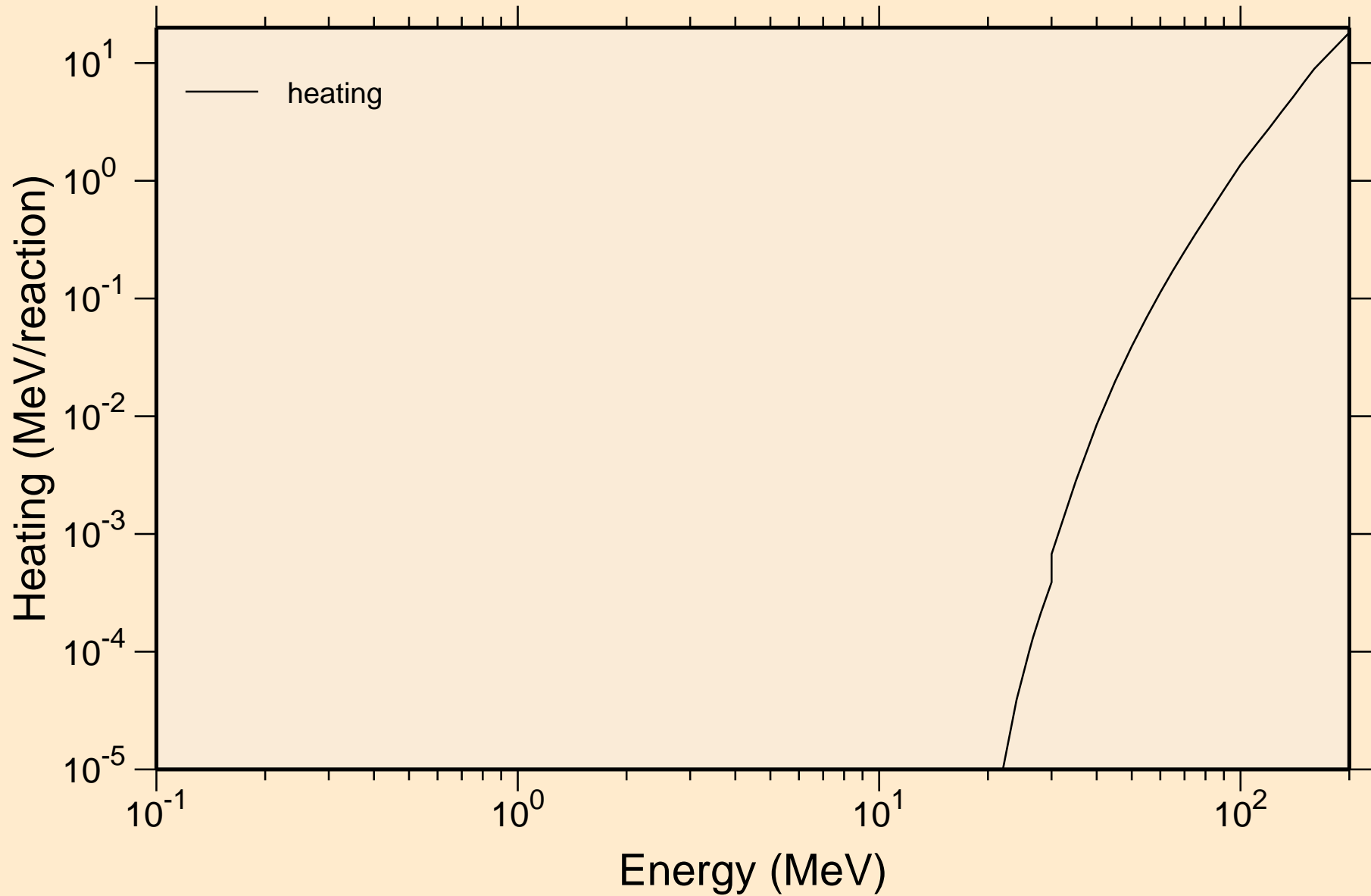


AT199 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



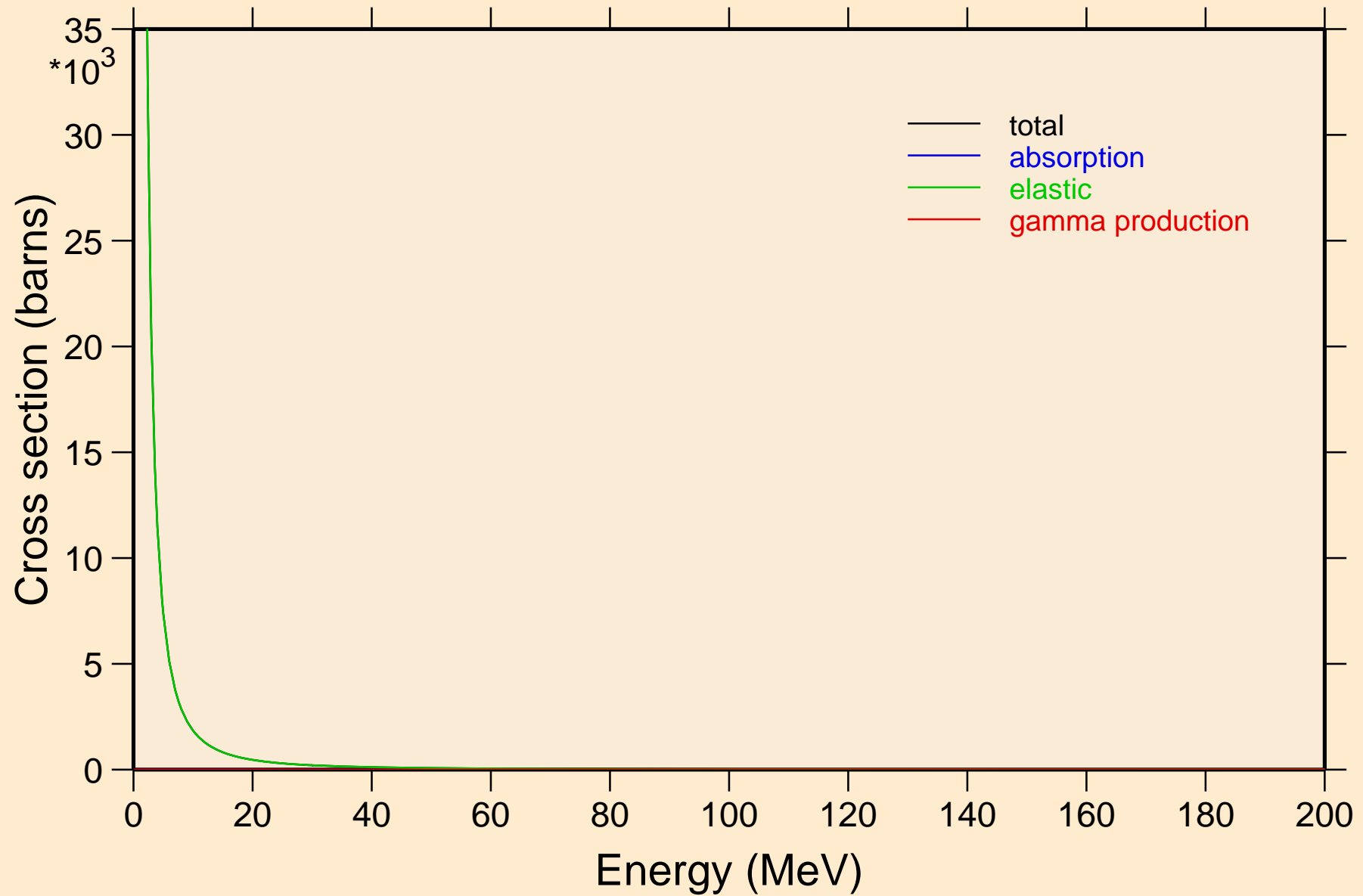
AT199 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



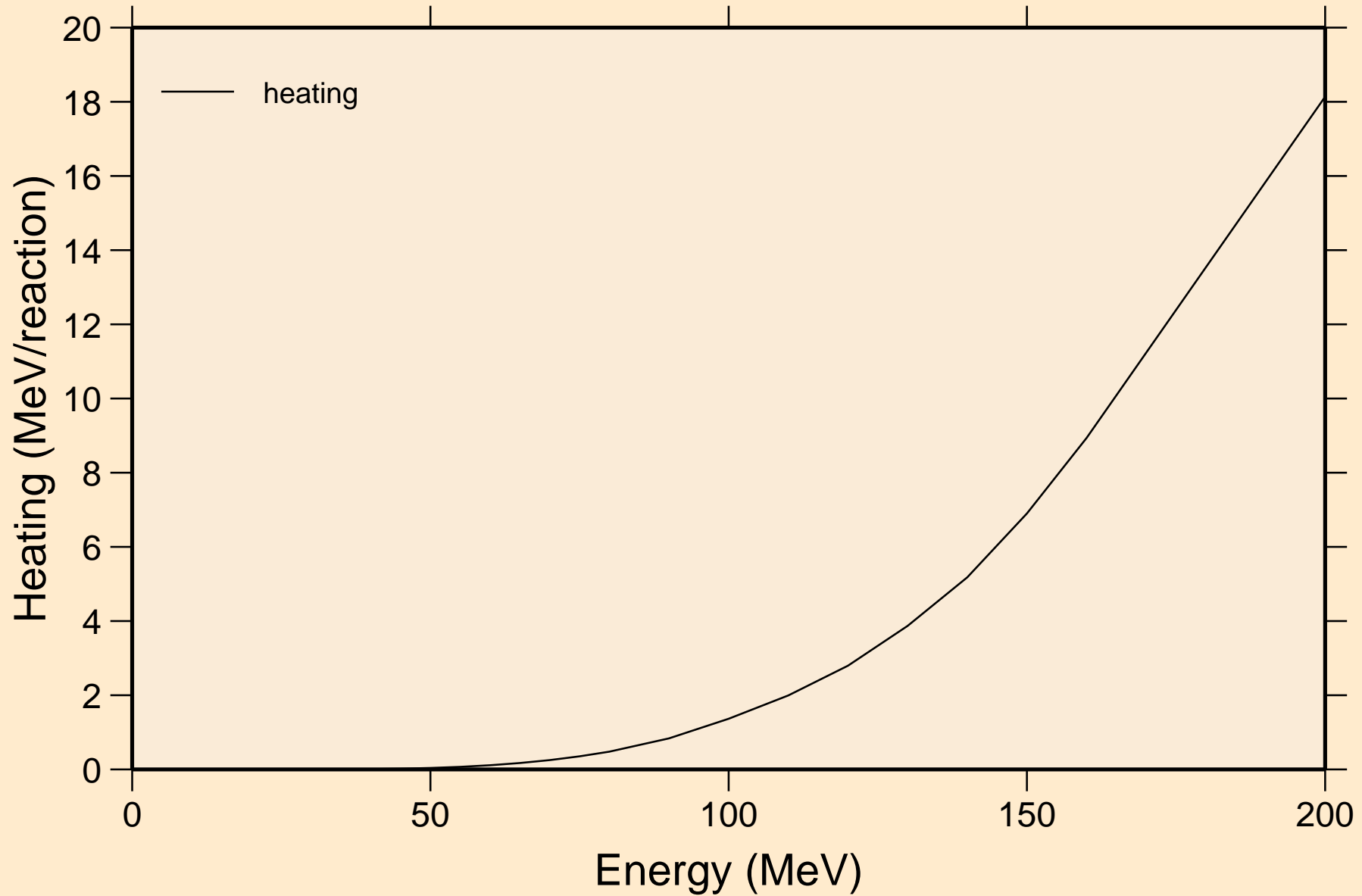
# AT199 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

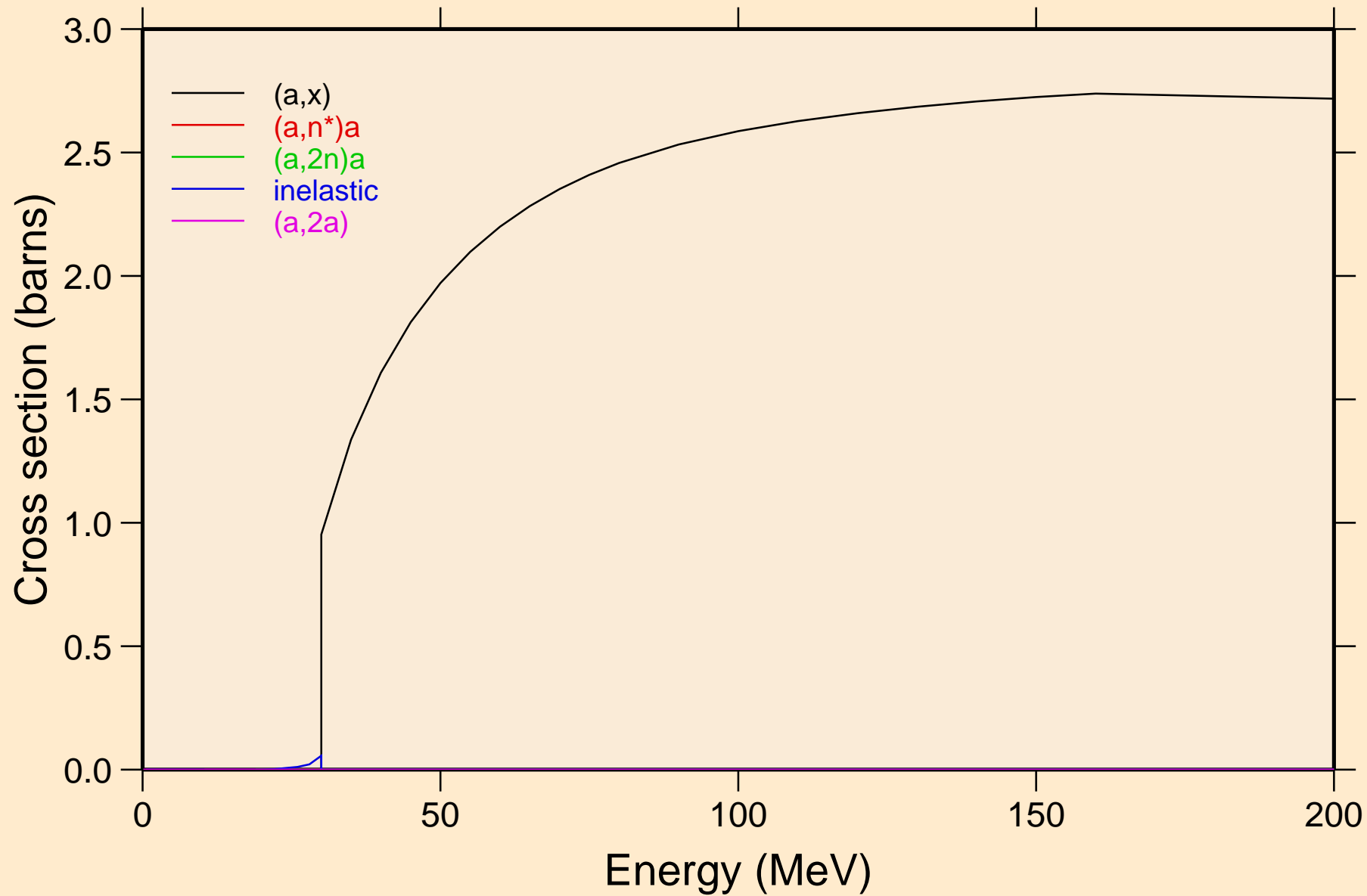


AT199 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

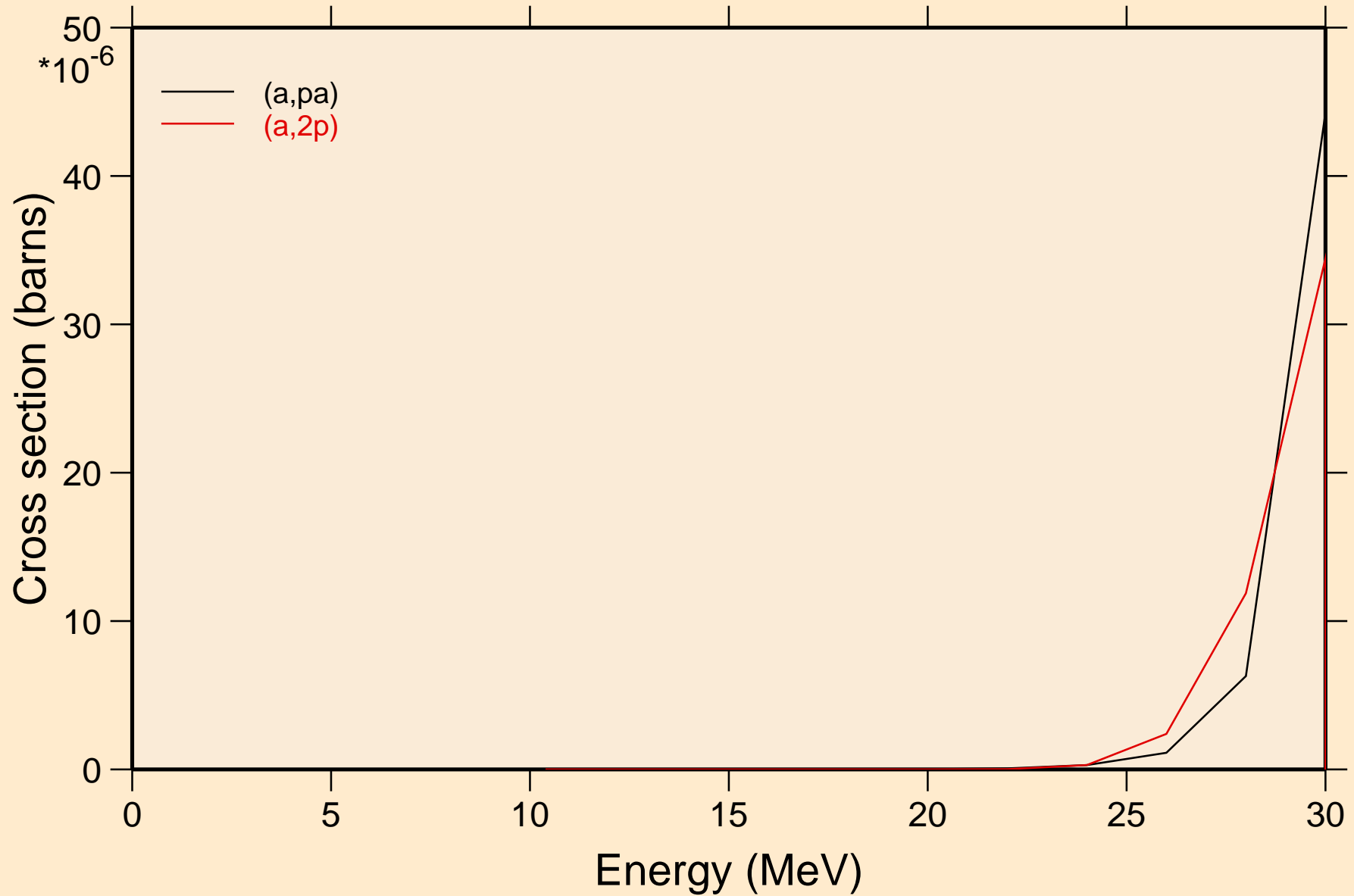
Heating



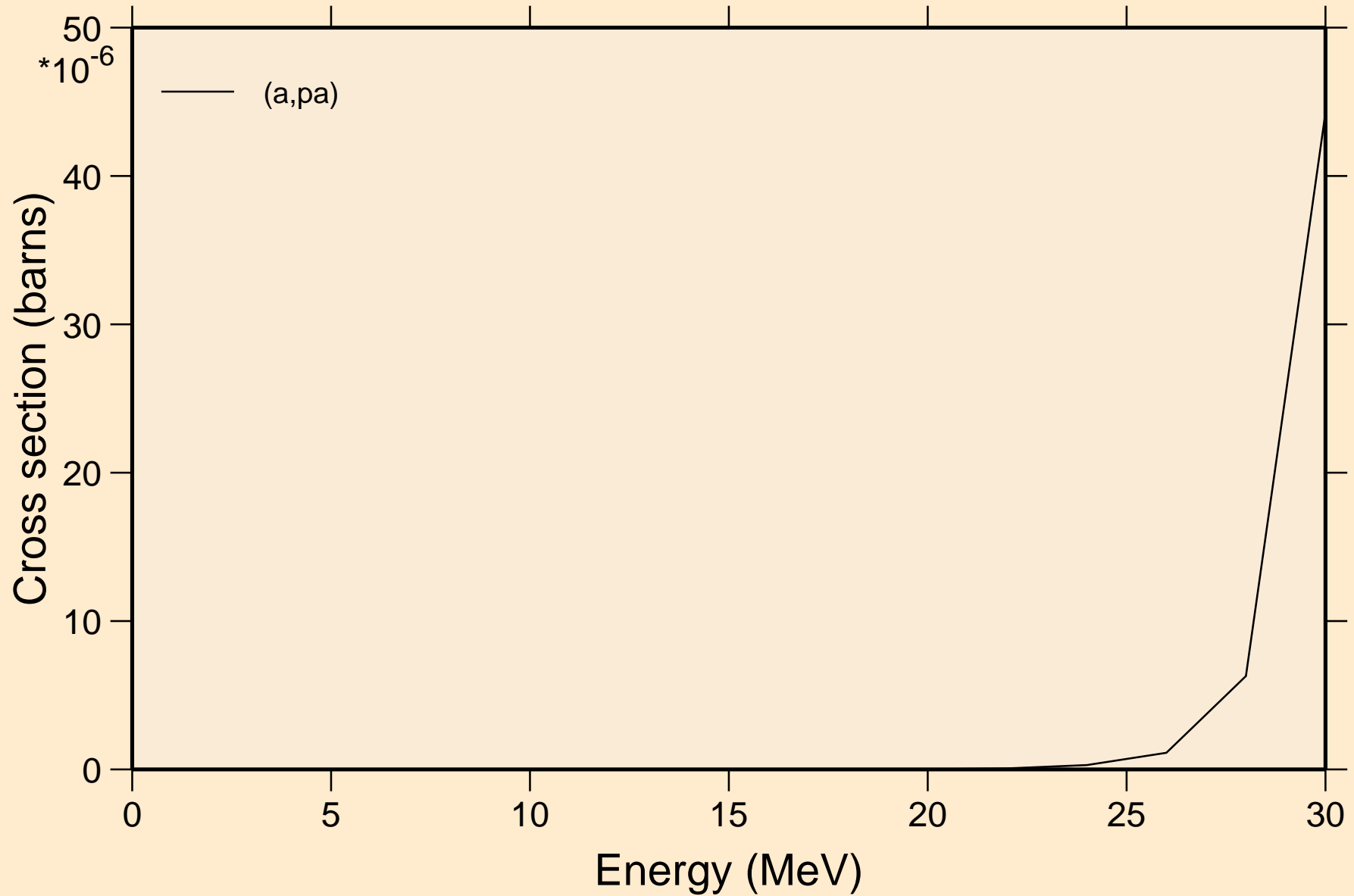
AT199 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



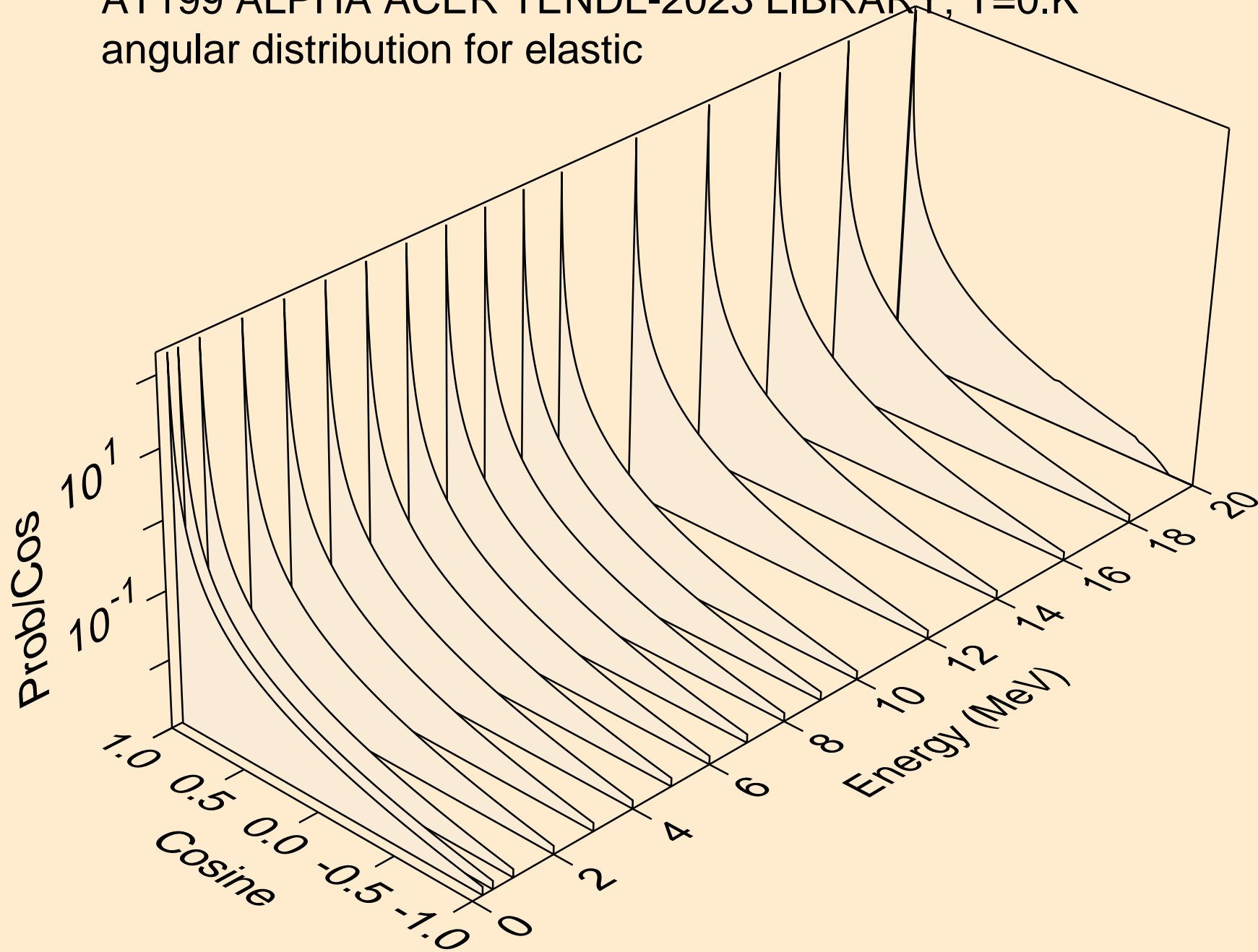
AT199 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



AT199 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

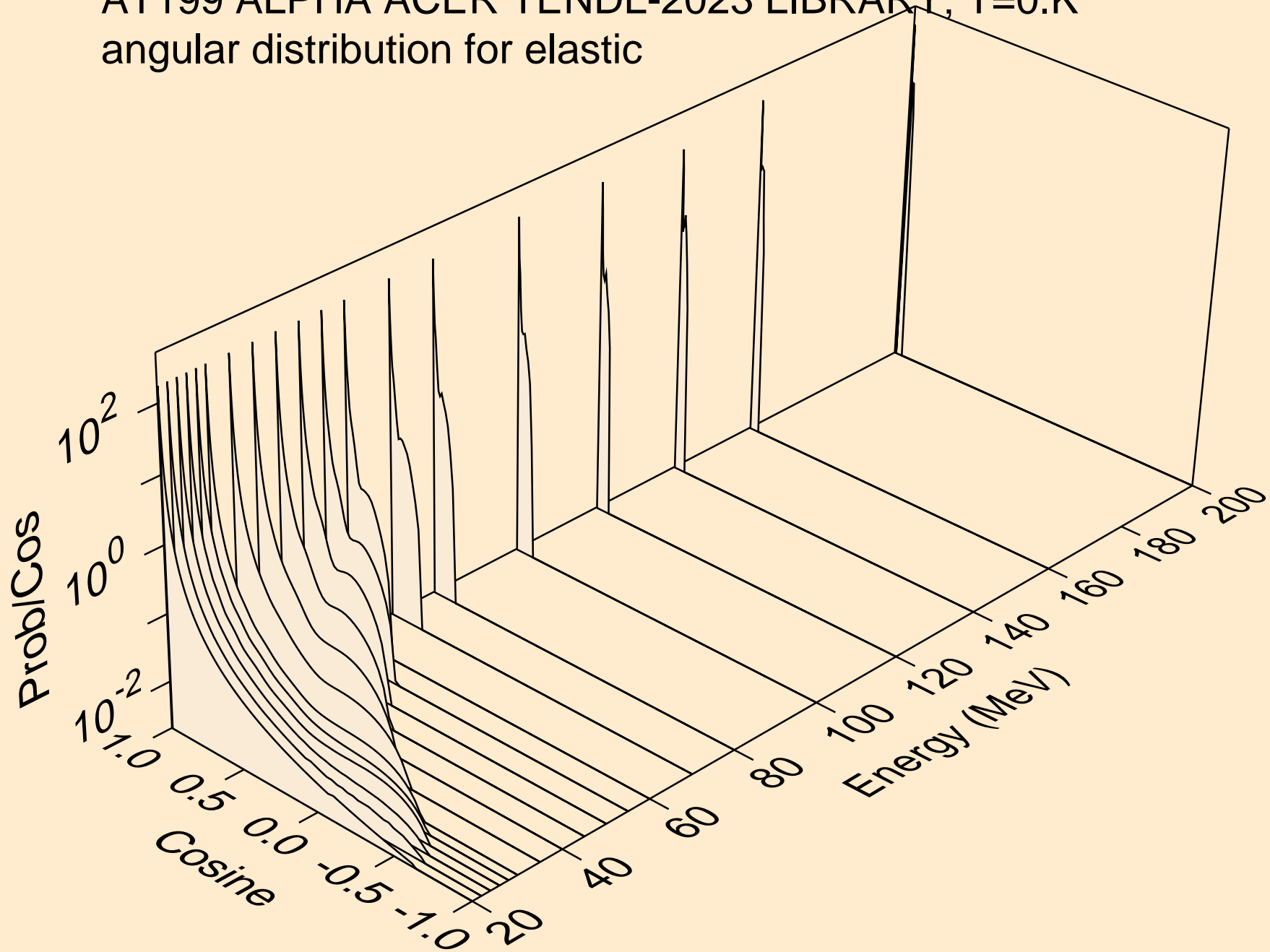


AT199 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

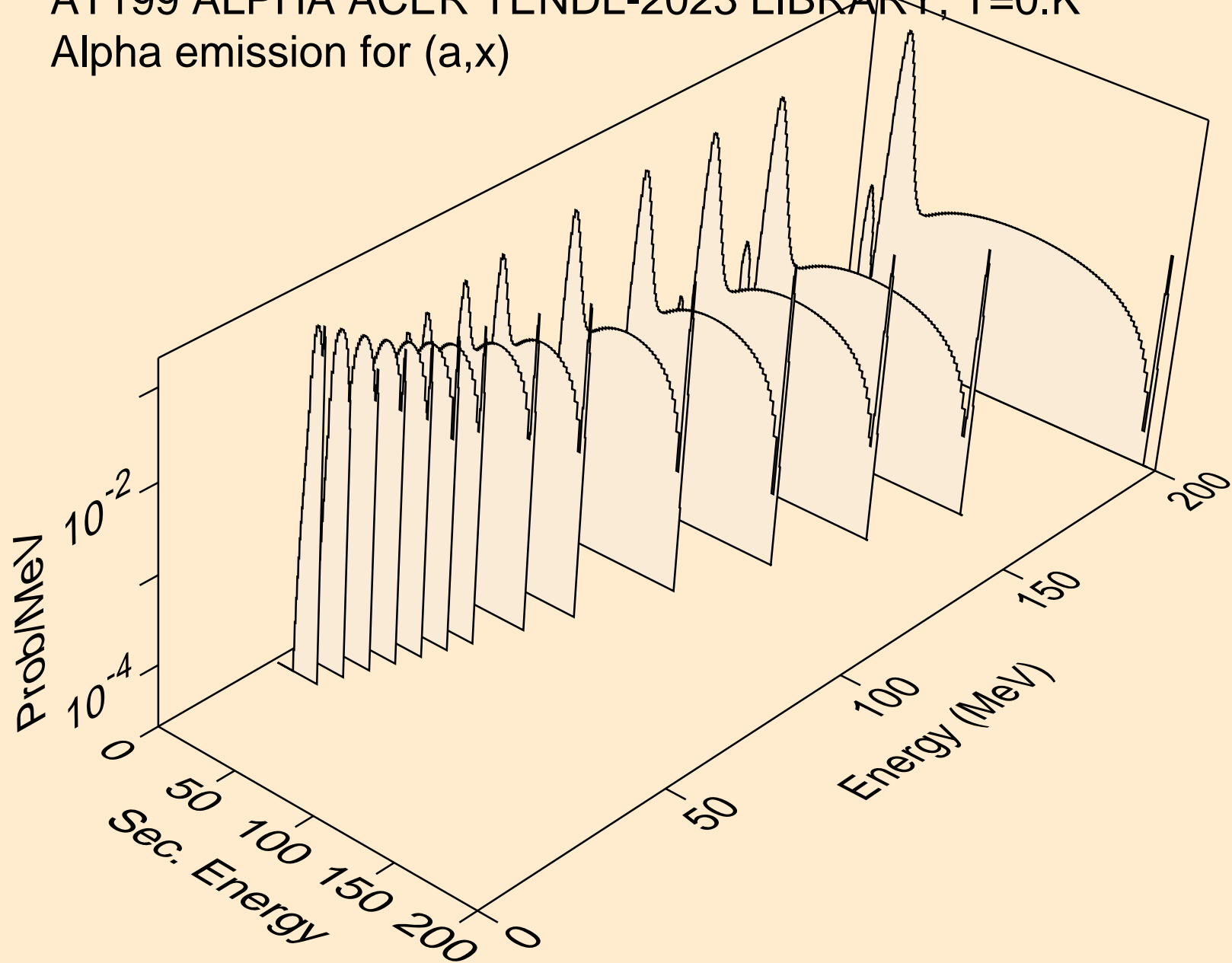




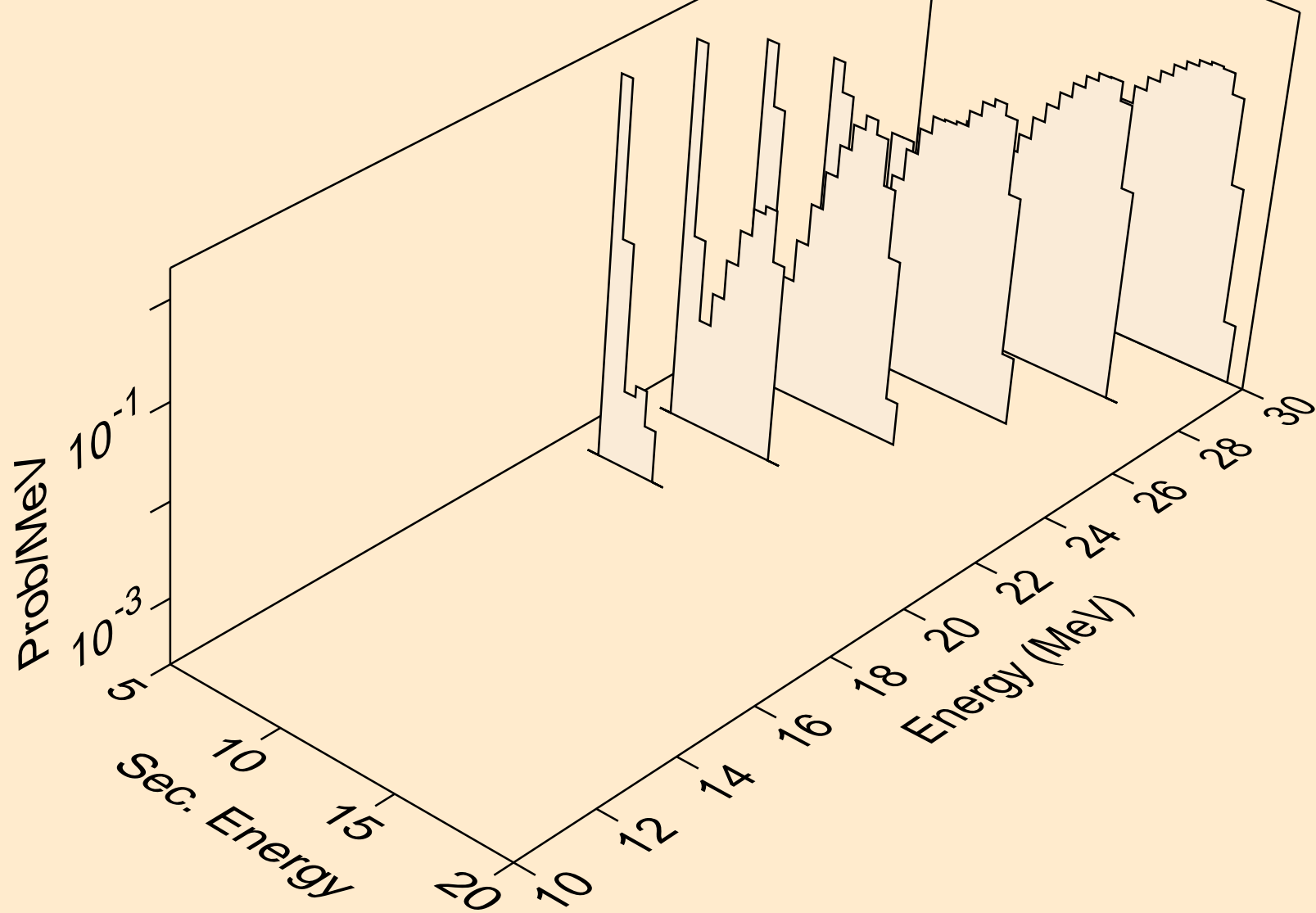
AT199 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



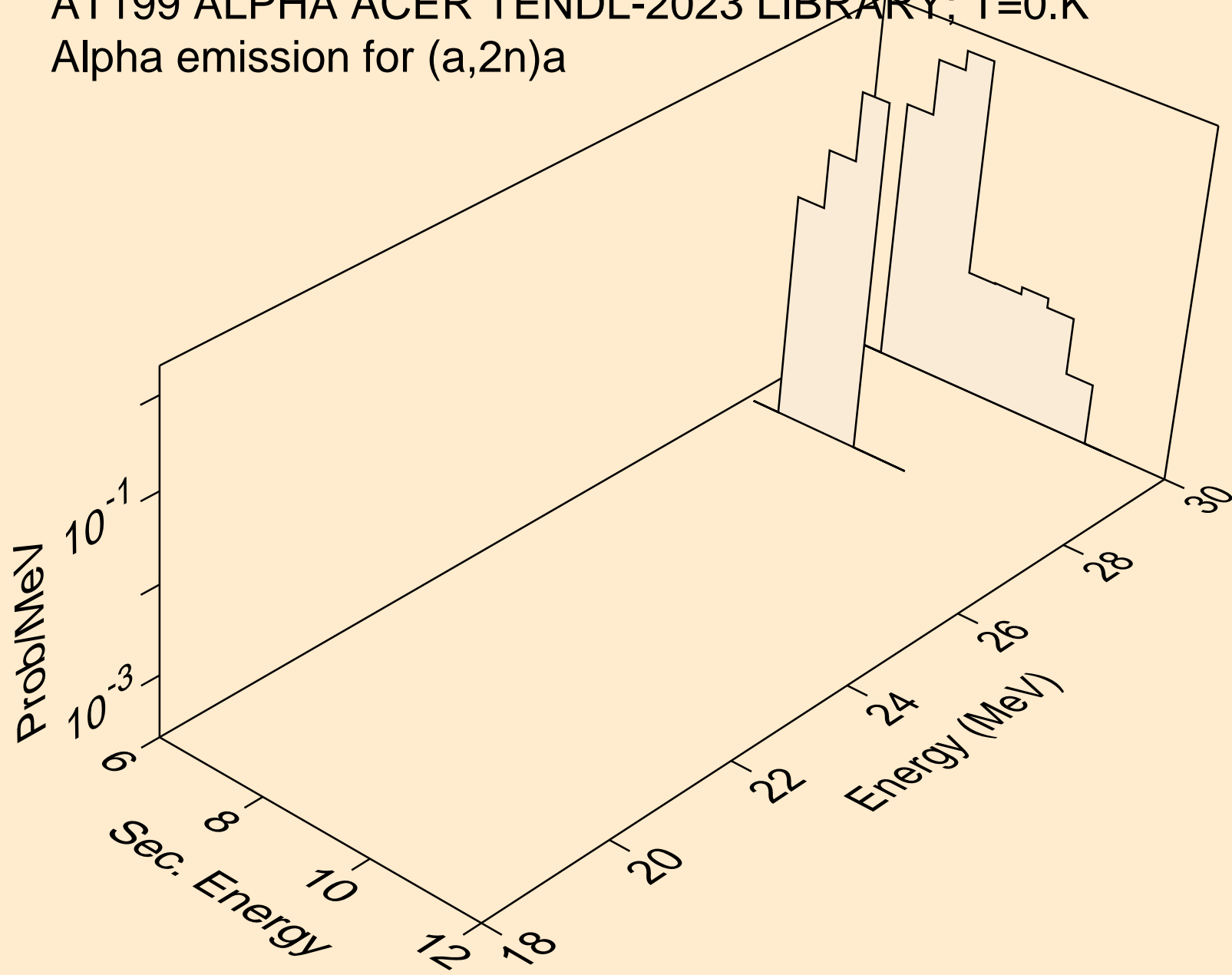
AT199 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,x)



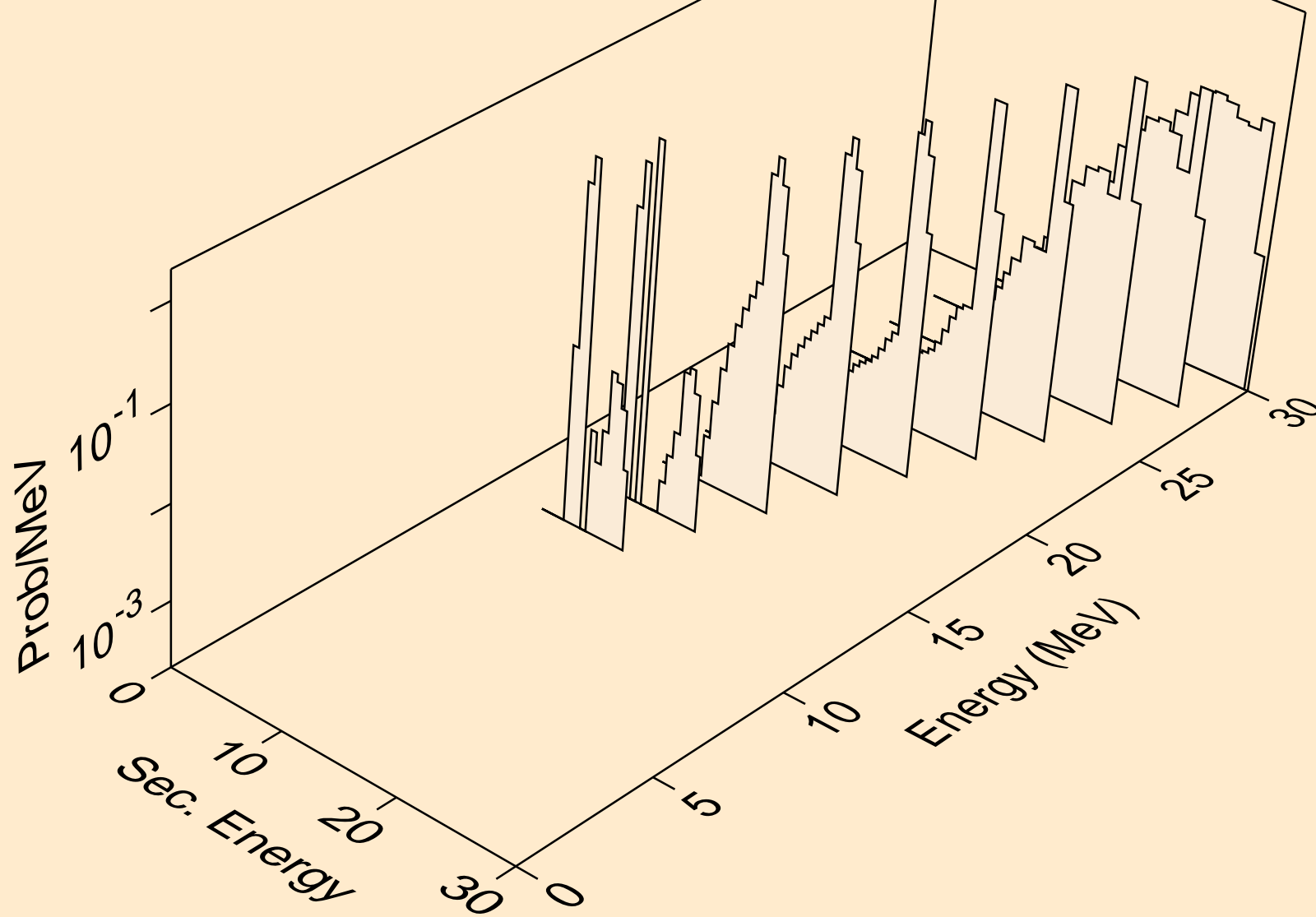
AT199 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



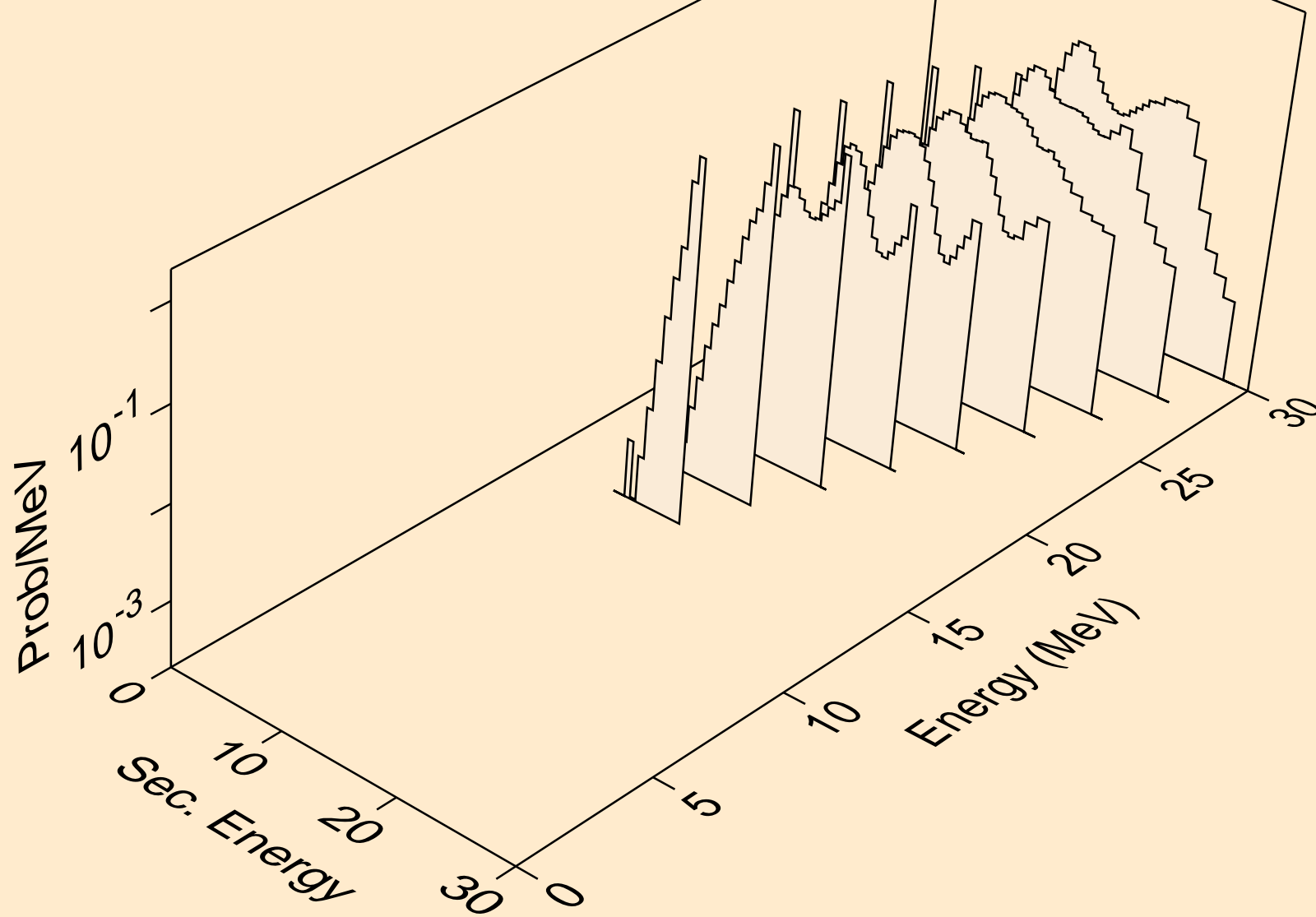
AT199 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



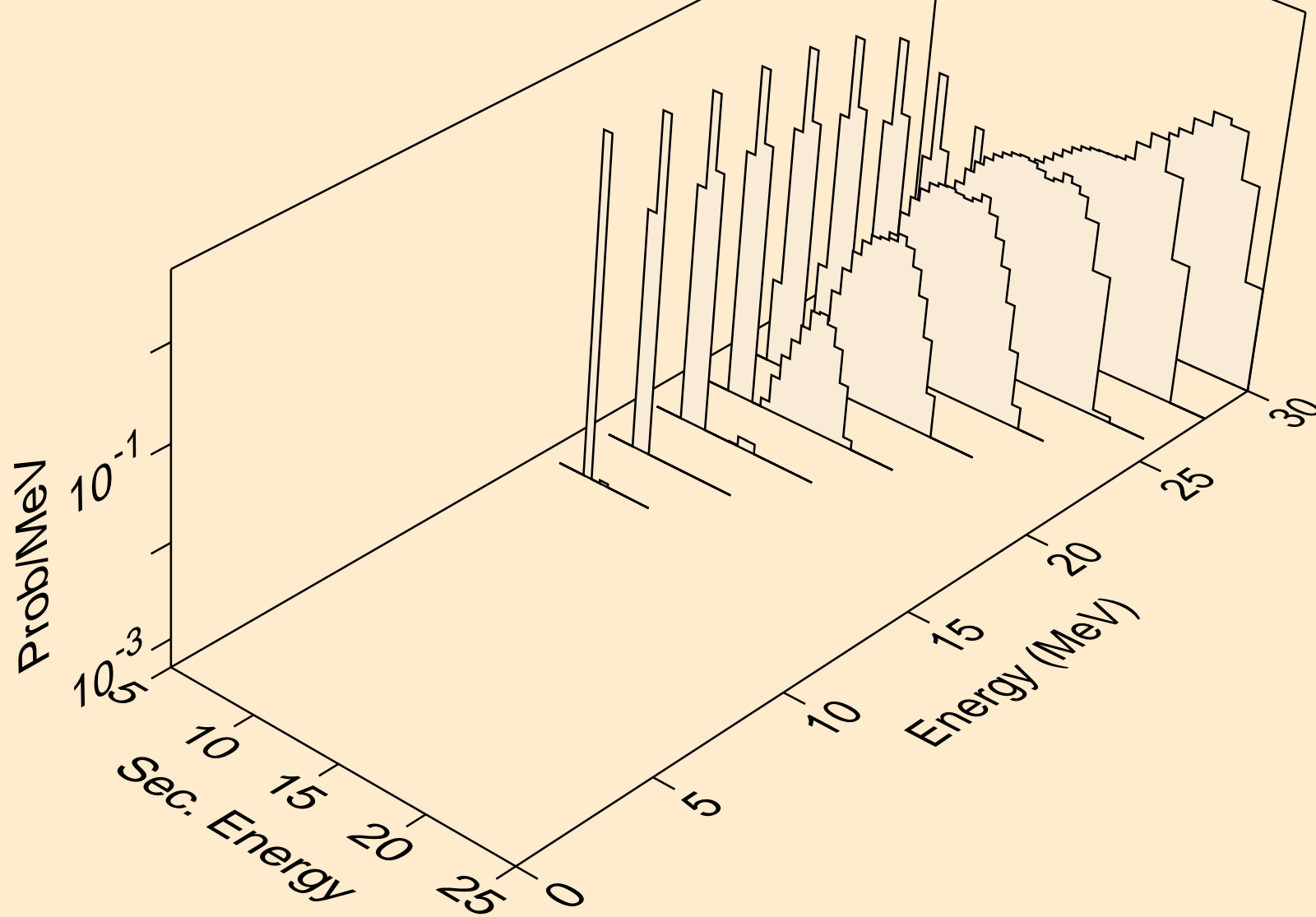
AT199 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic



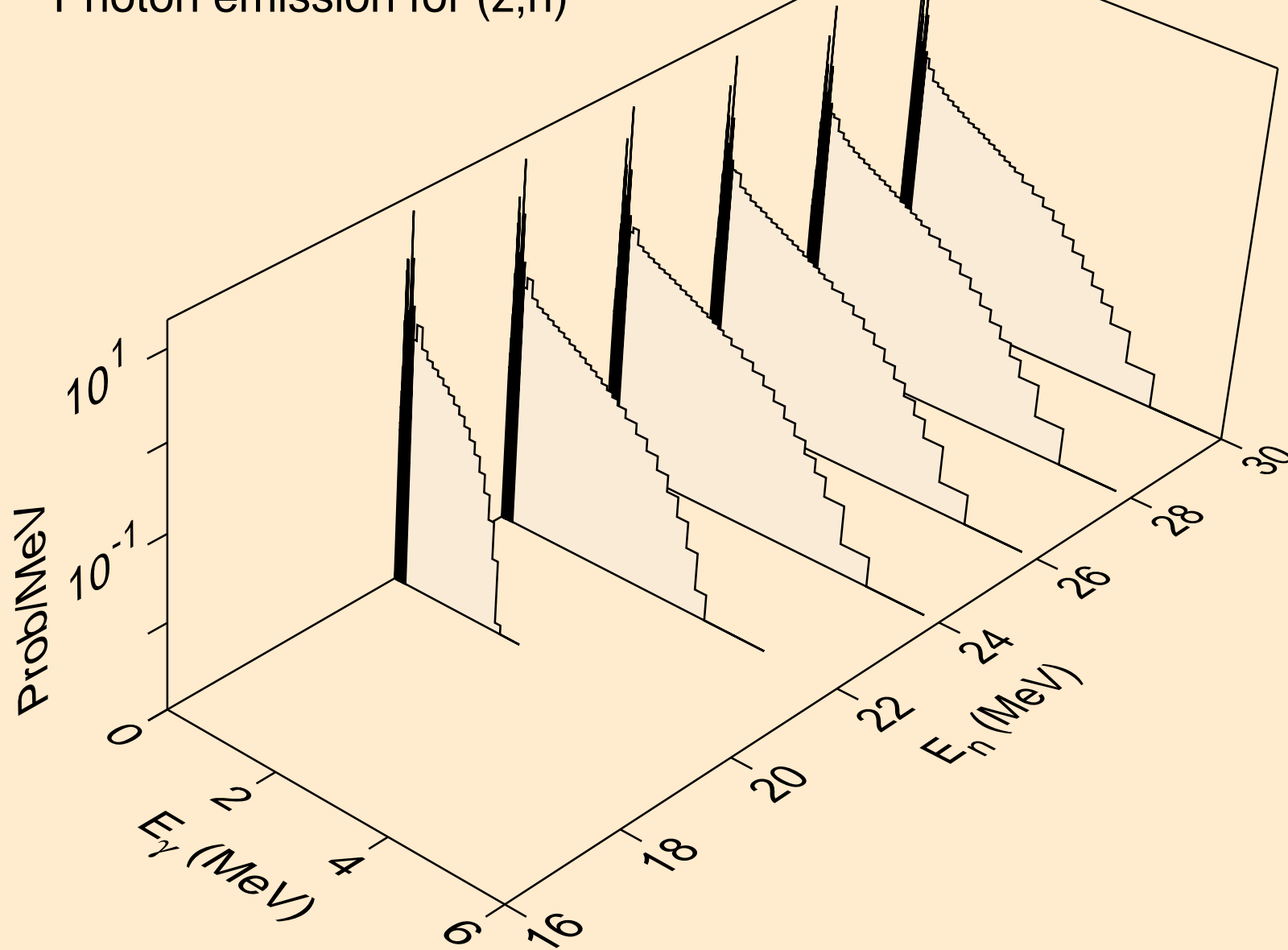
AT199 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2a)



AT199 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,pa)

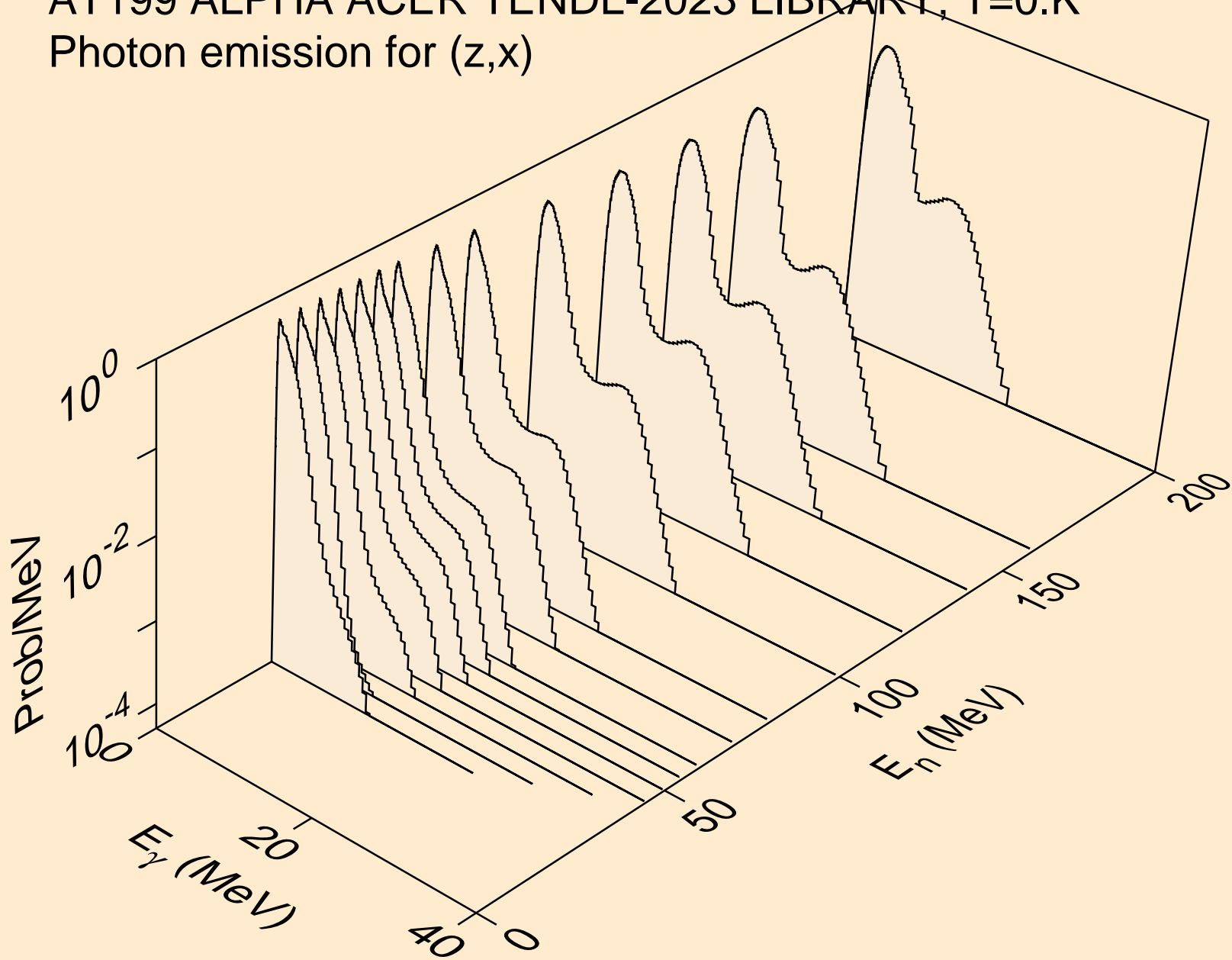


AT199 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)

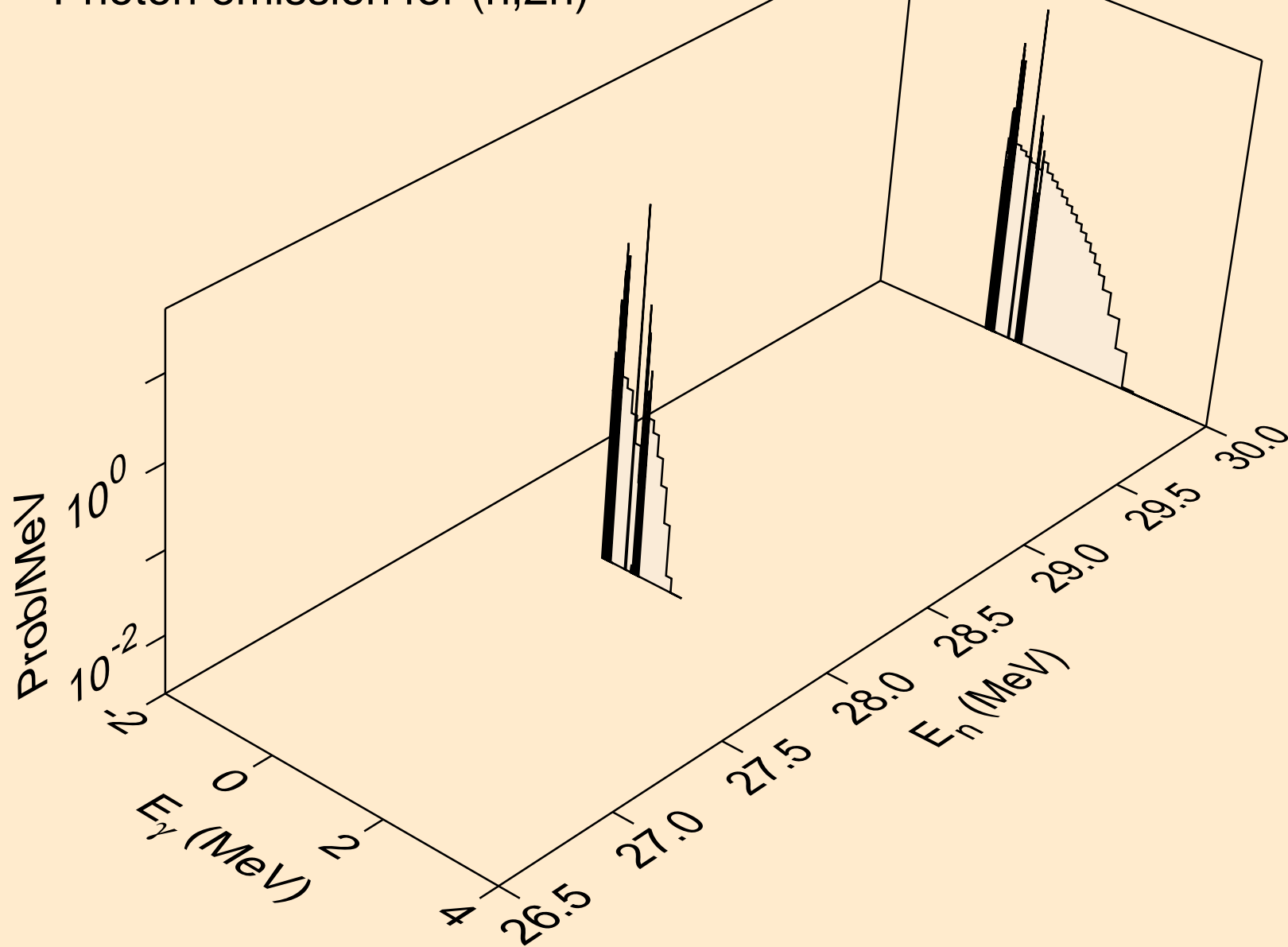




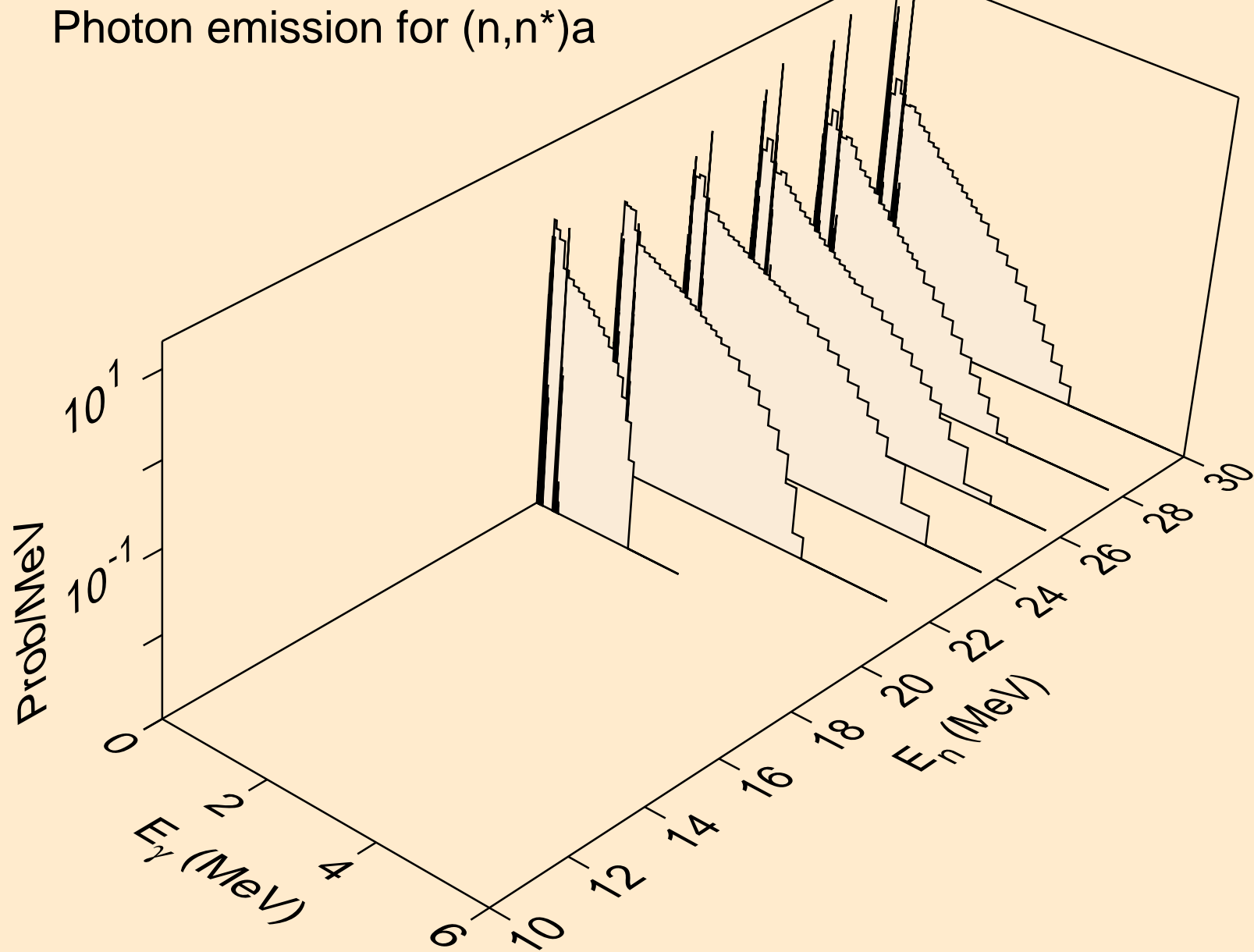
AT199 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



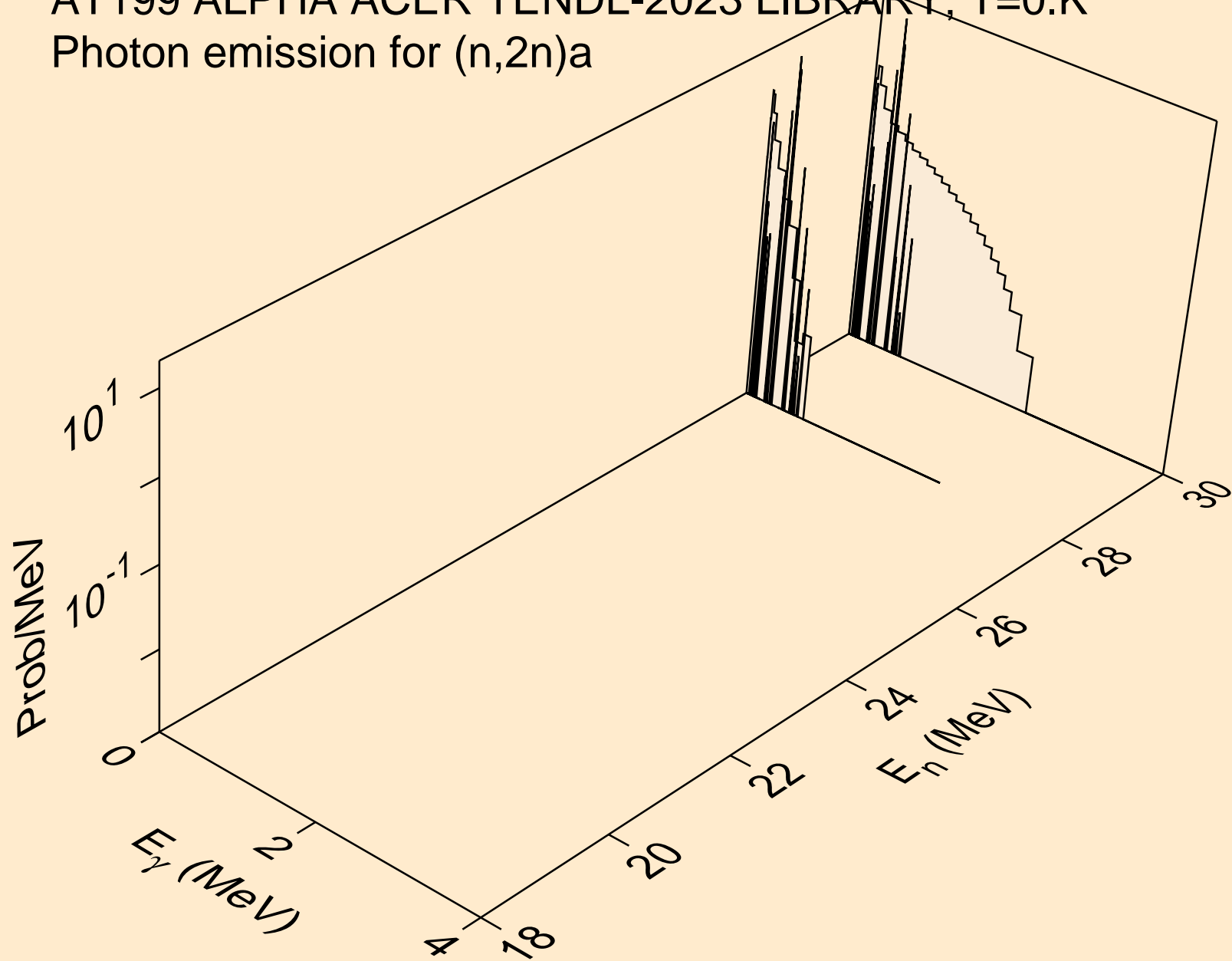
AT199 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



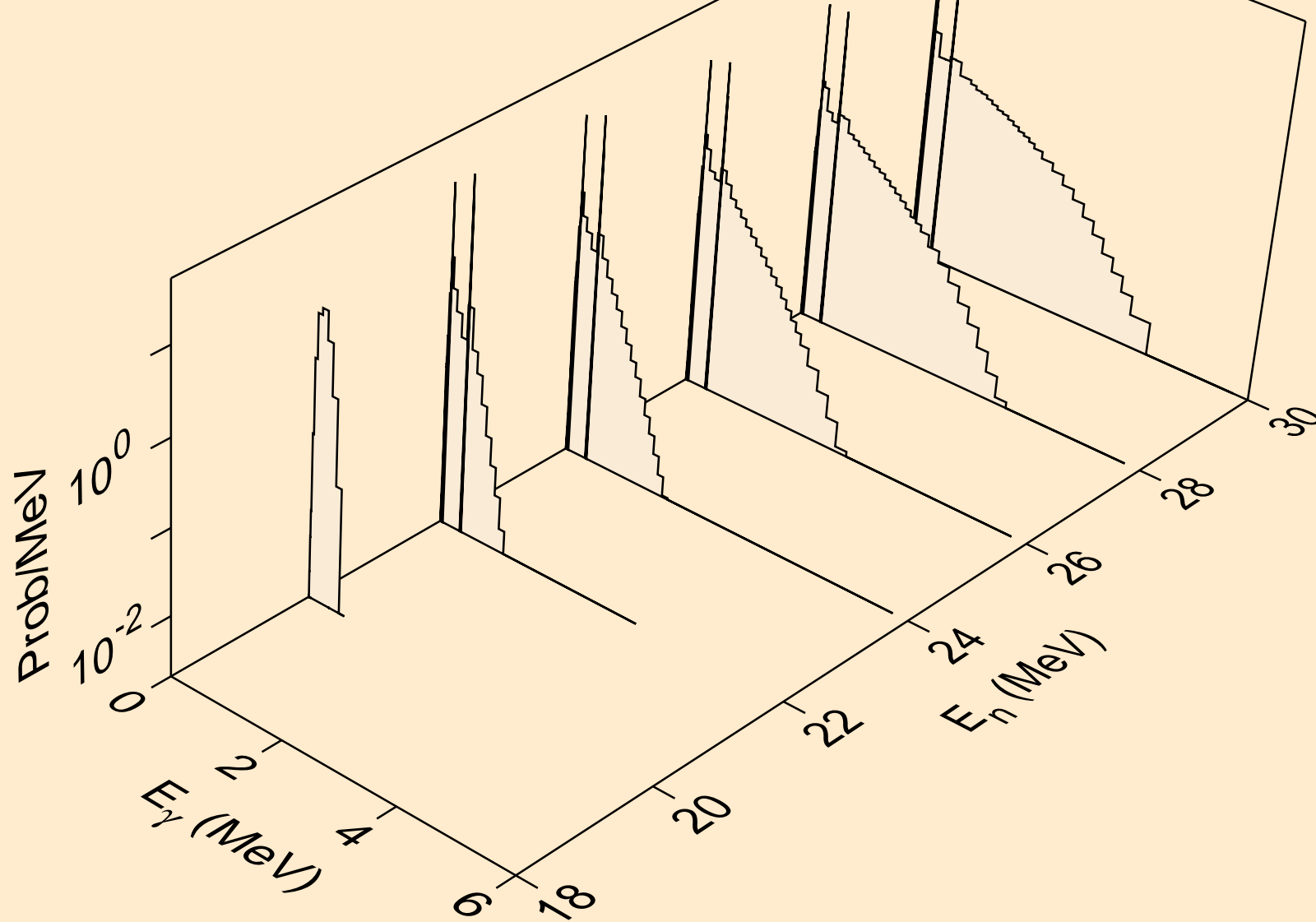
AT199 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



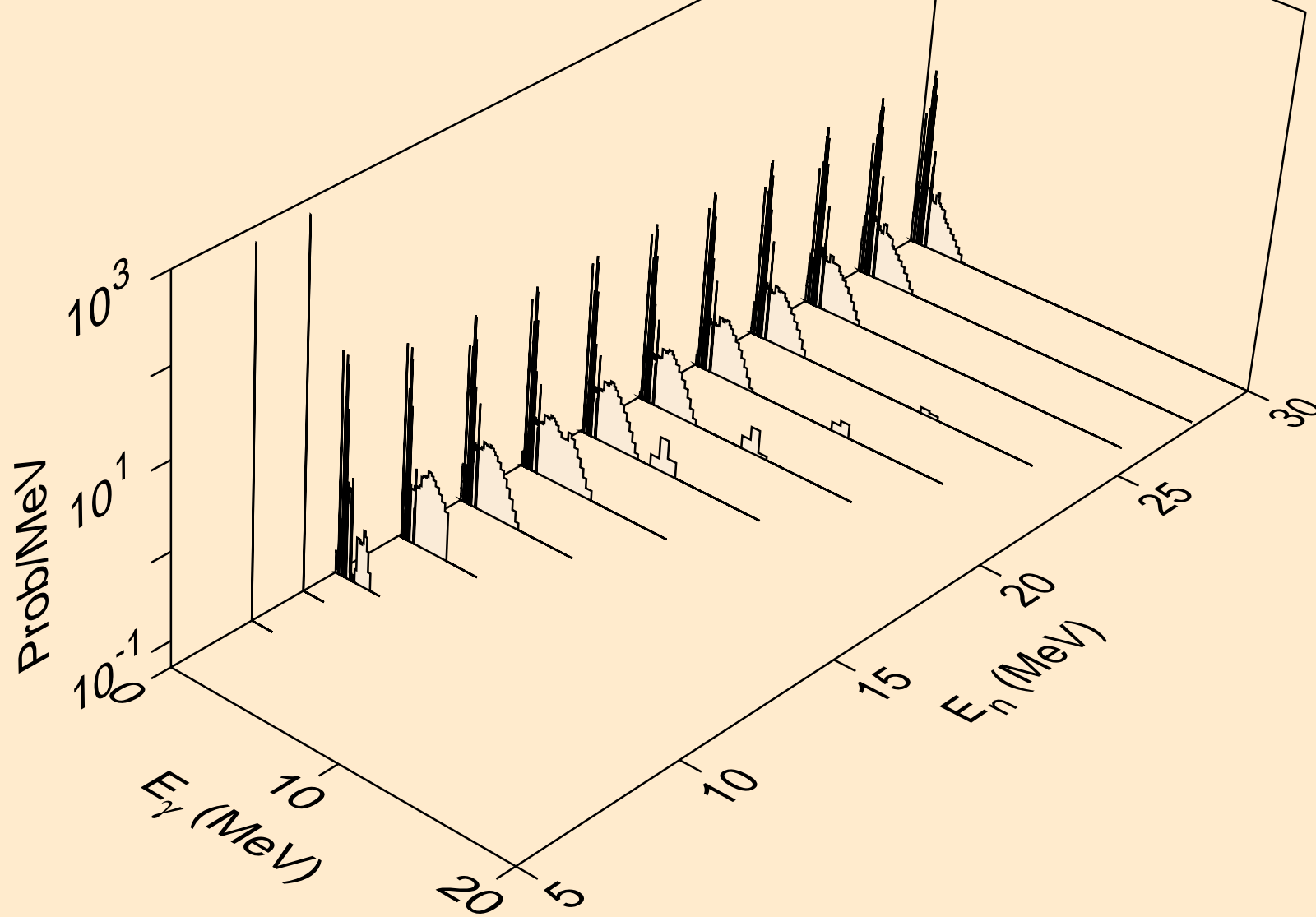
AT199 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



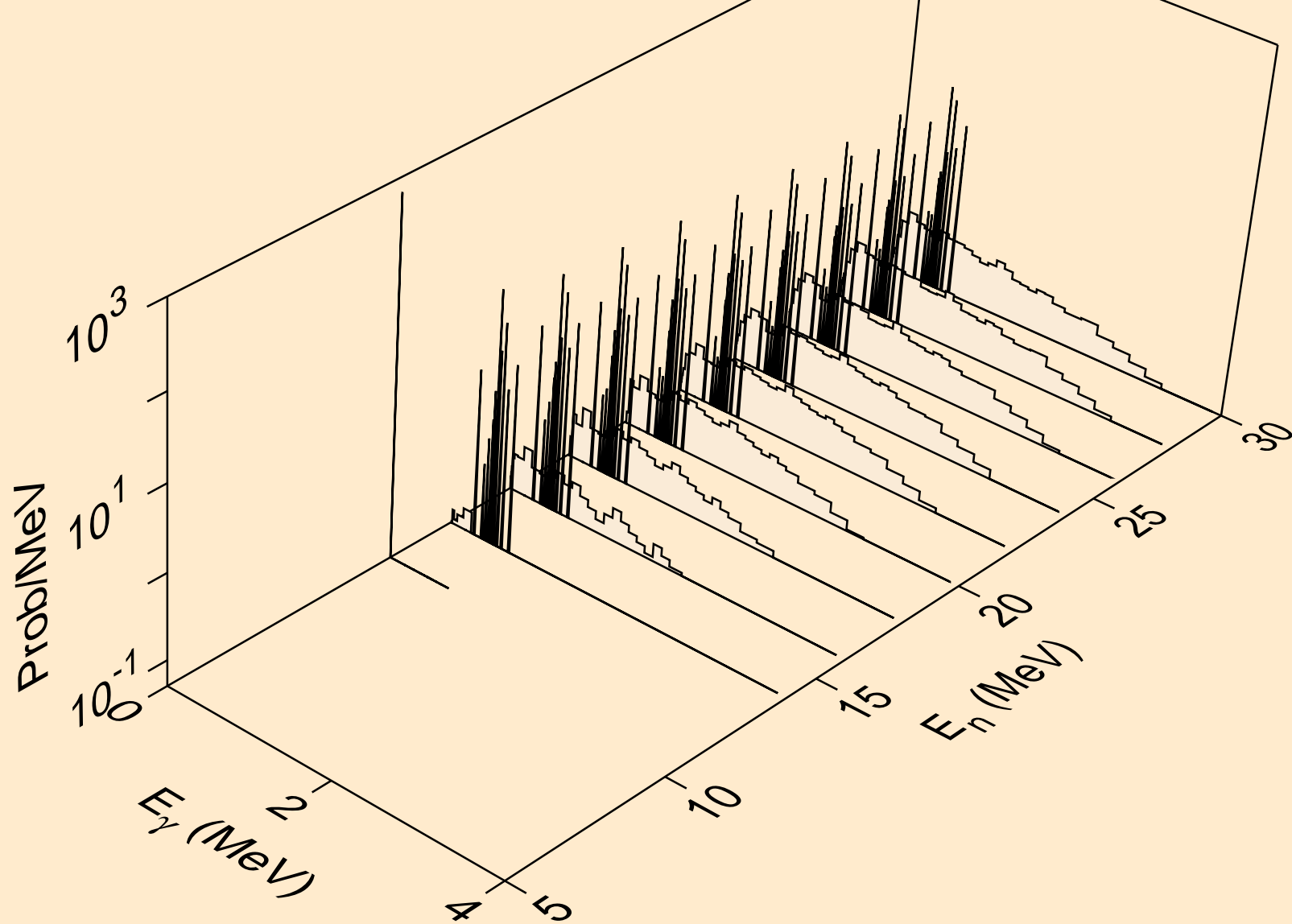
AT199 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



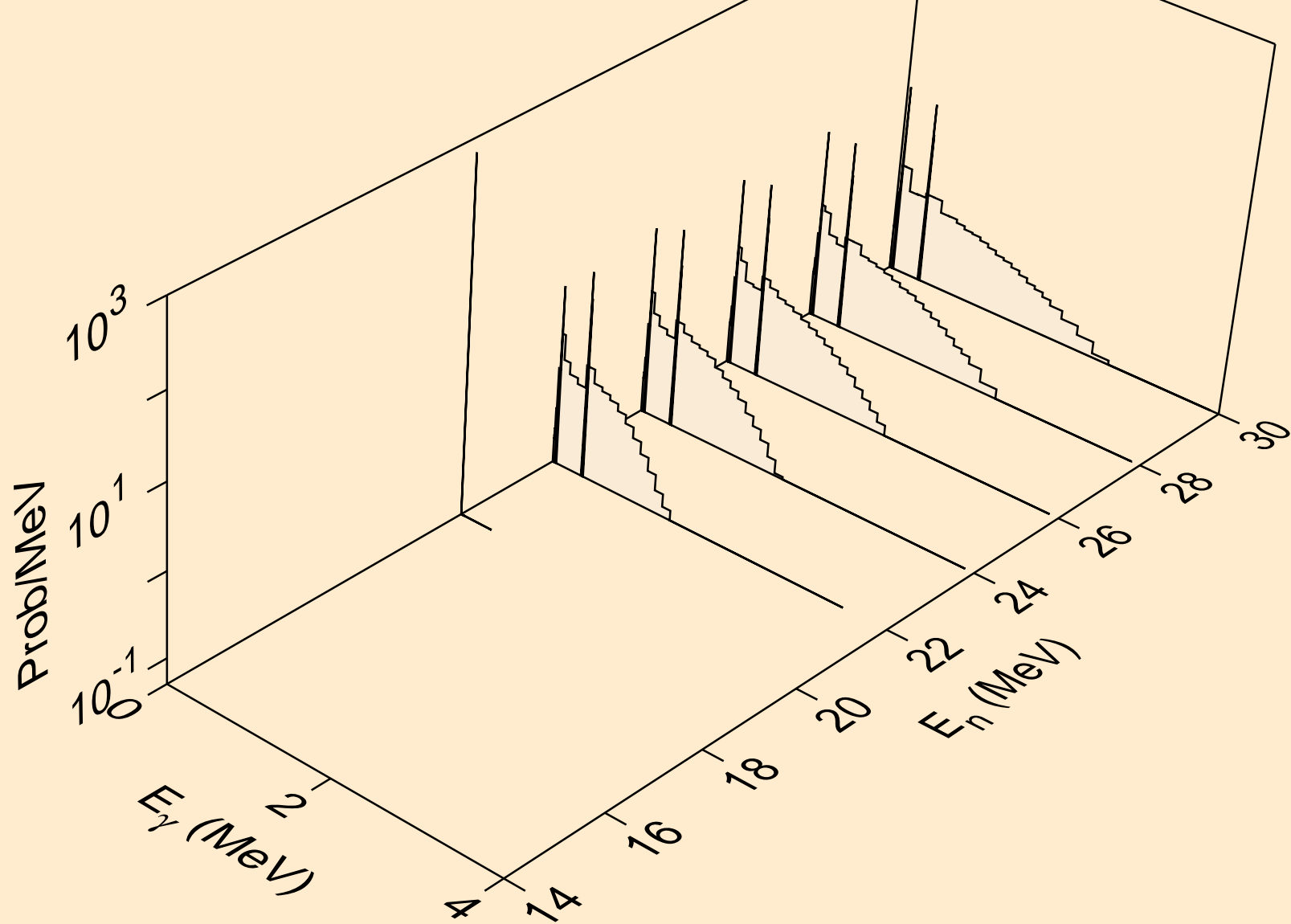
AT199 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



AT199 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)

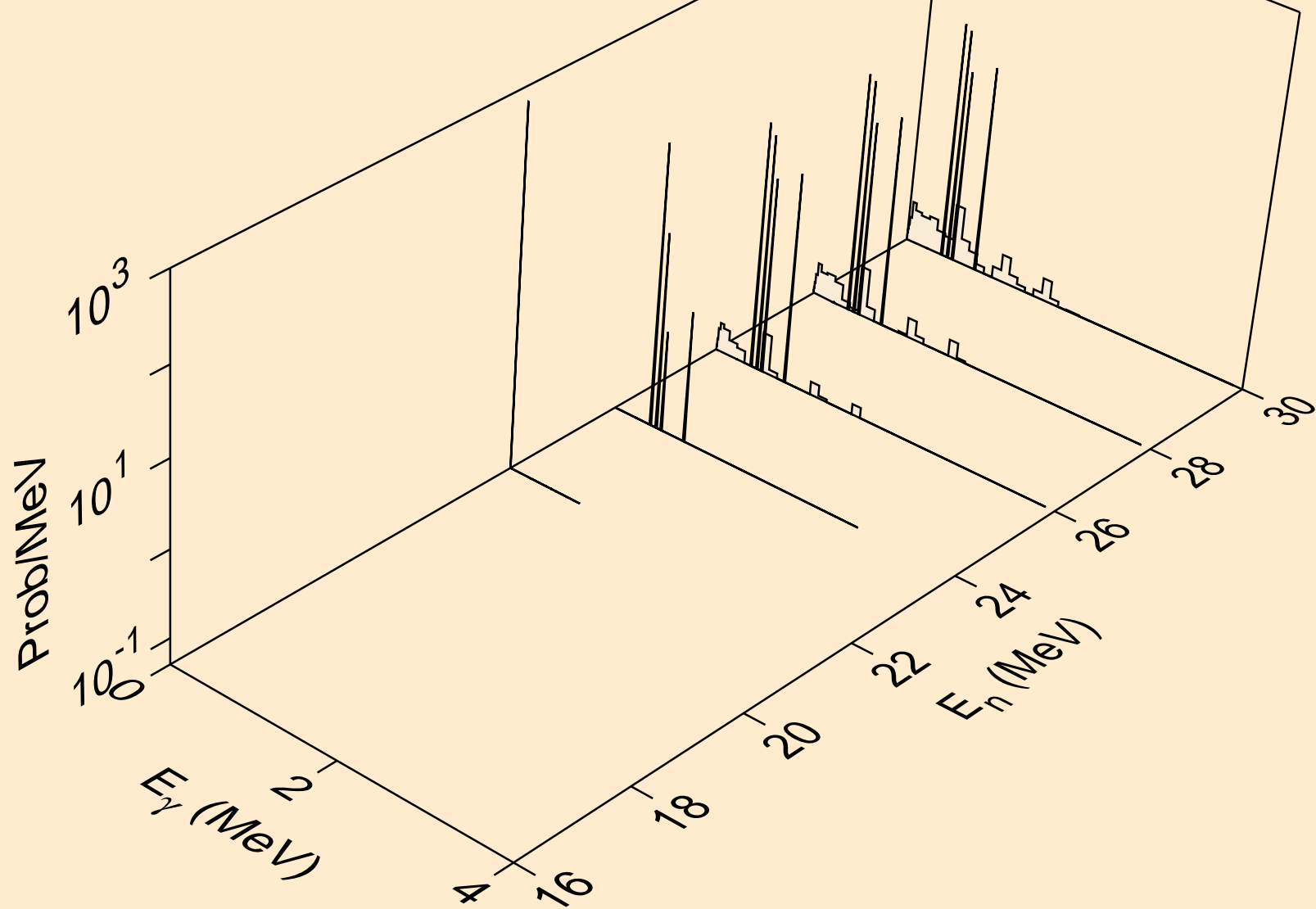


AT199 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)

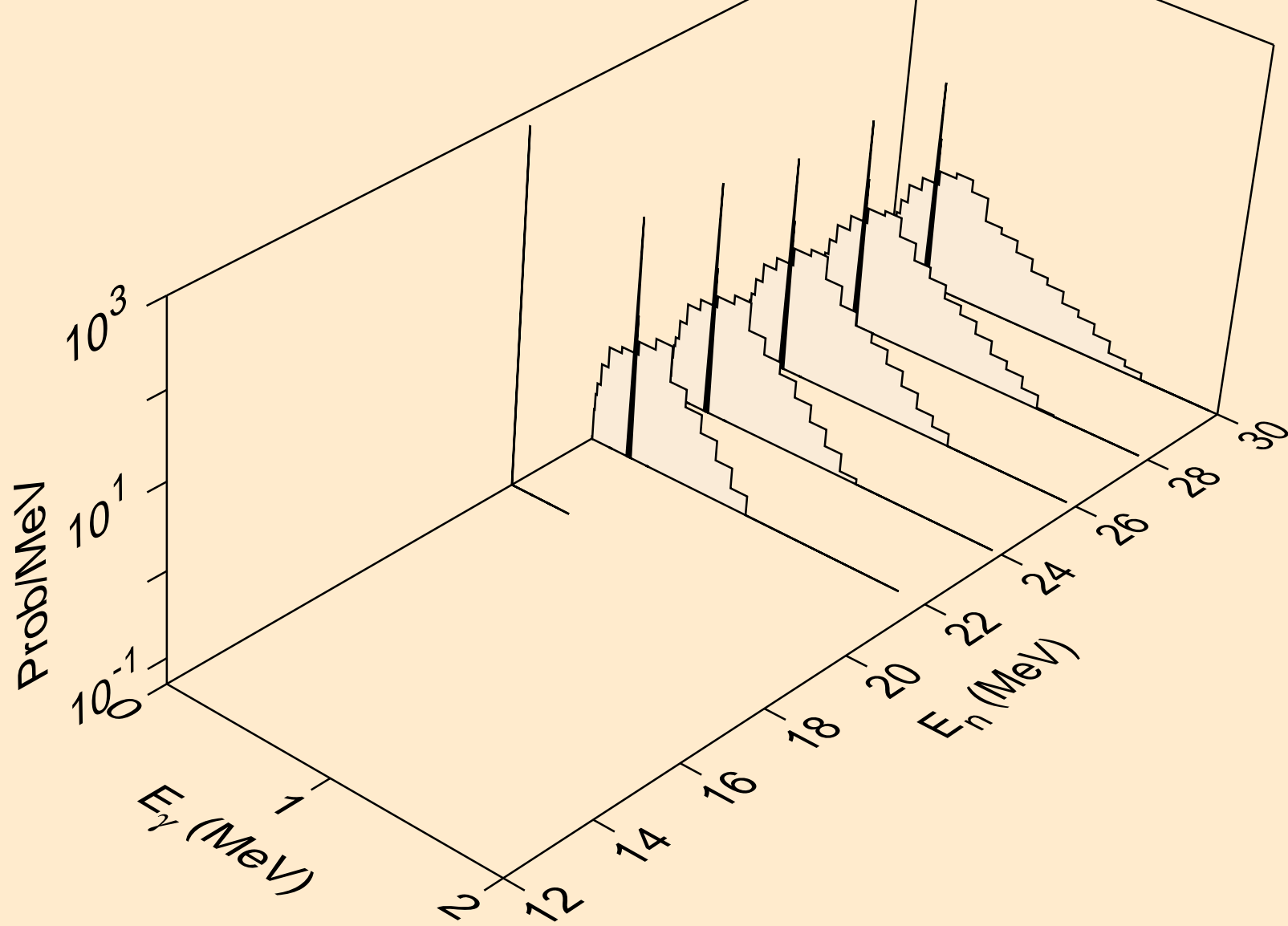




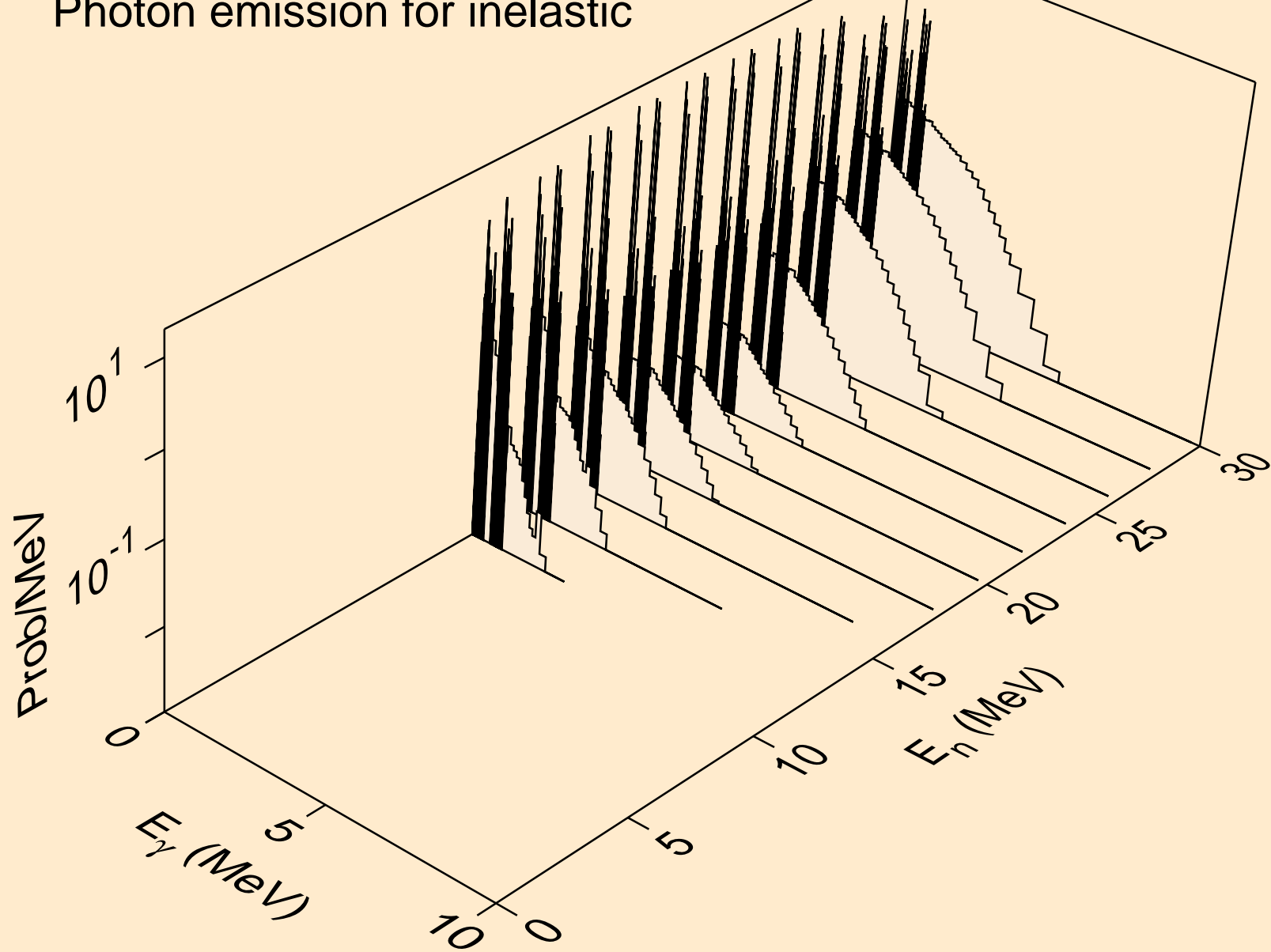
AT199 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



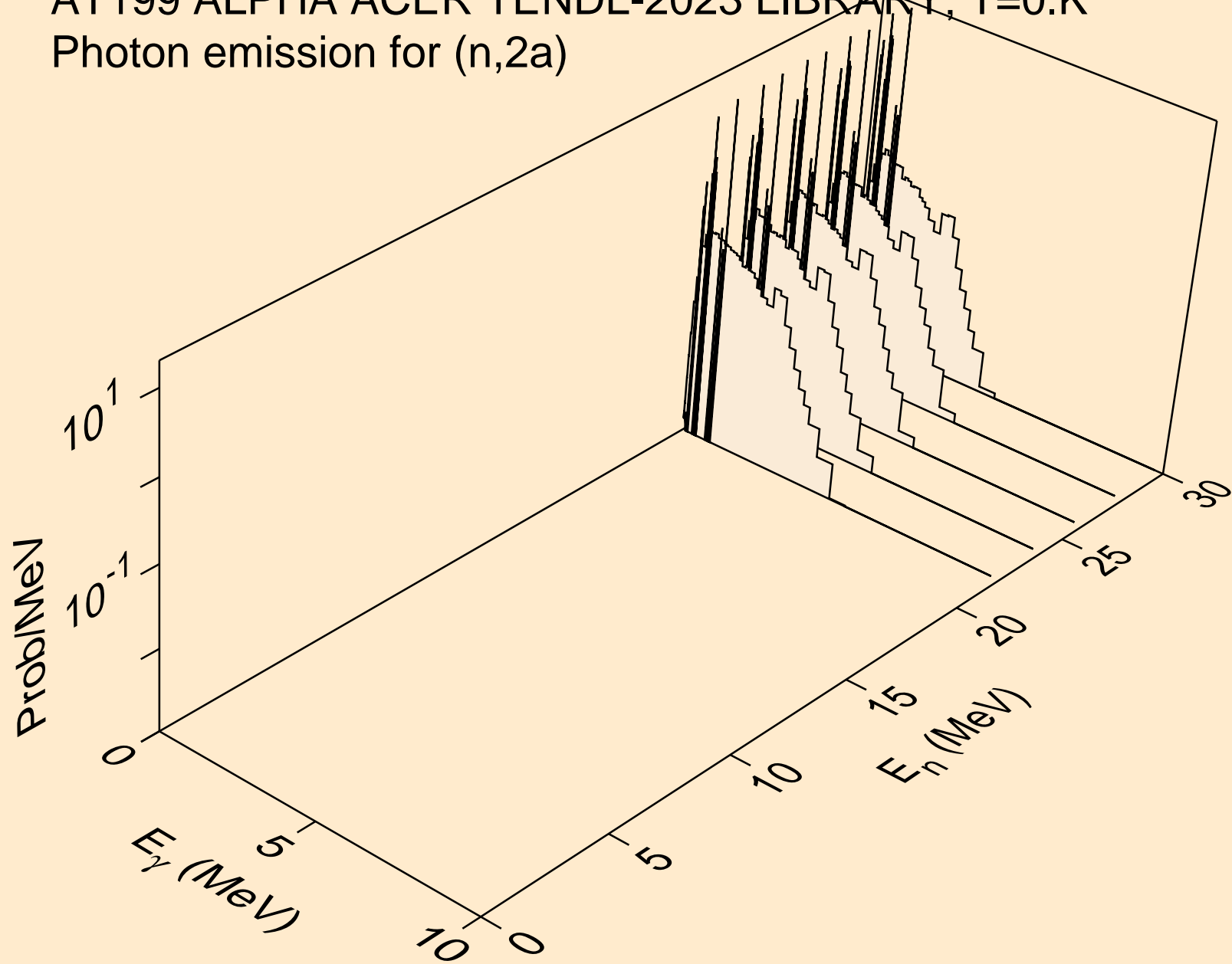
AT199 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



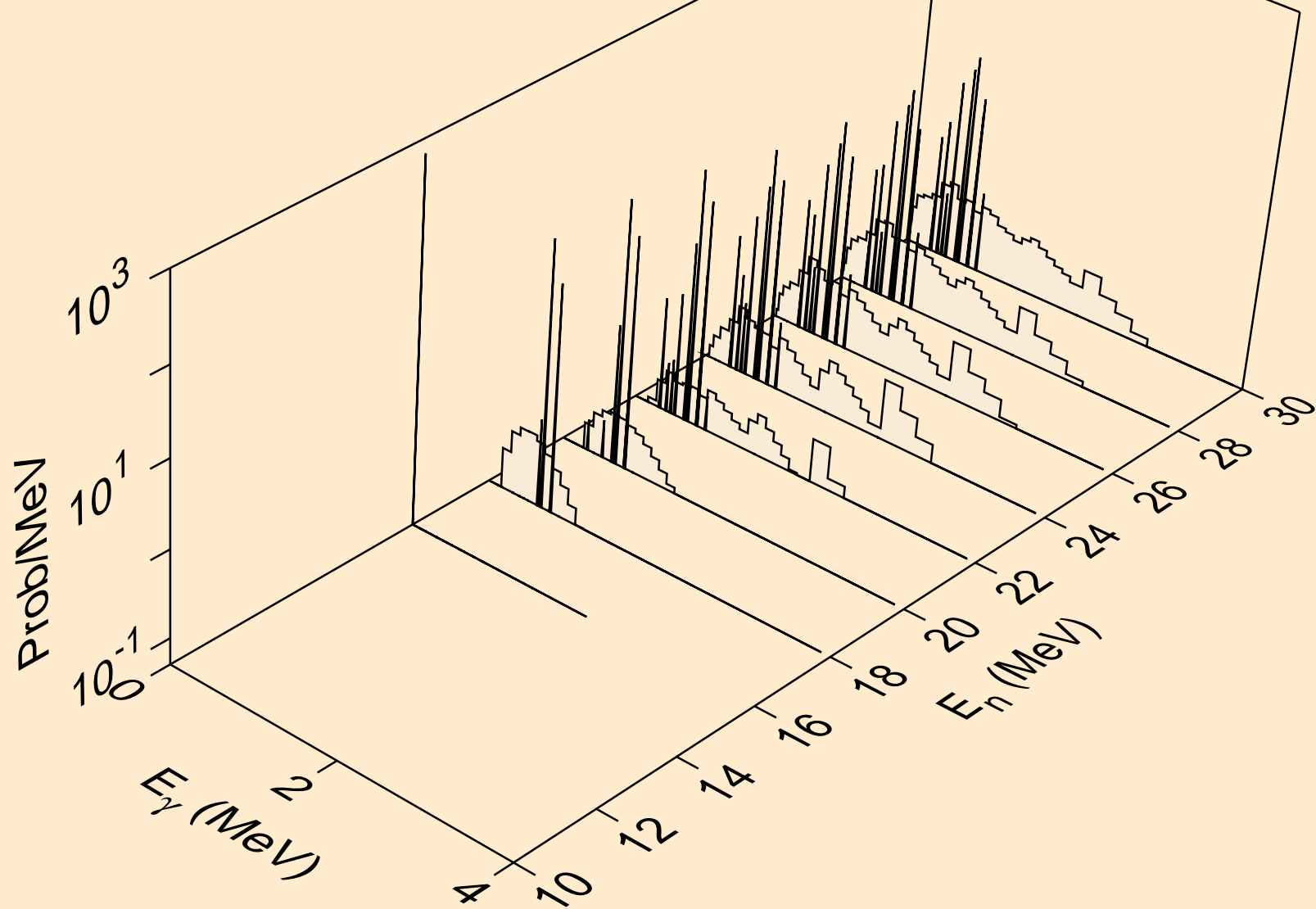
AT199 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



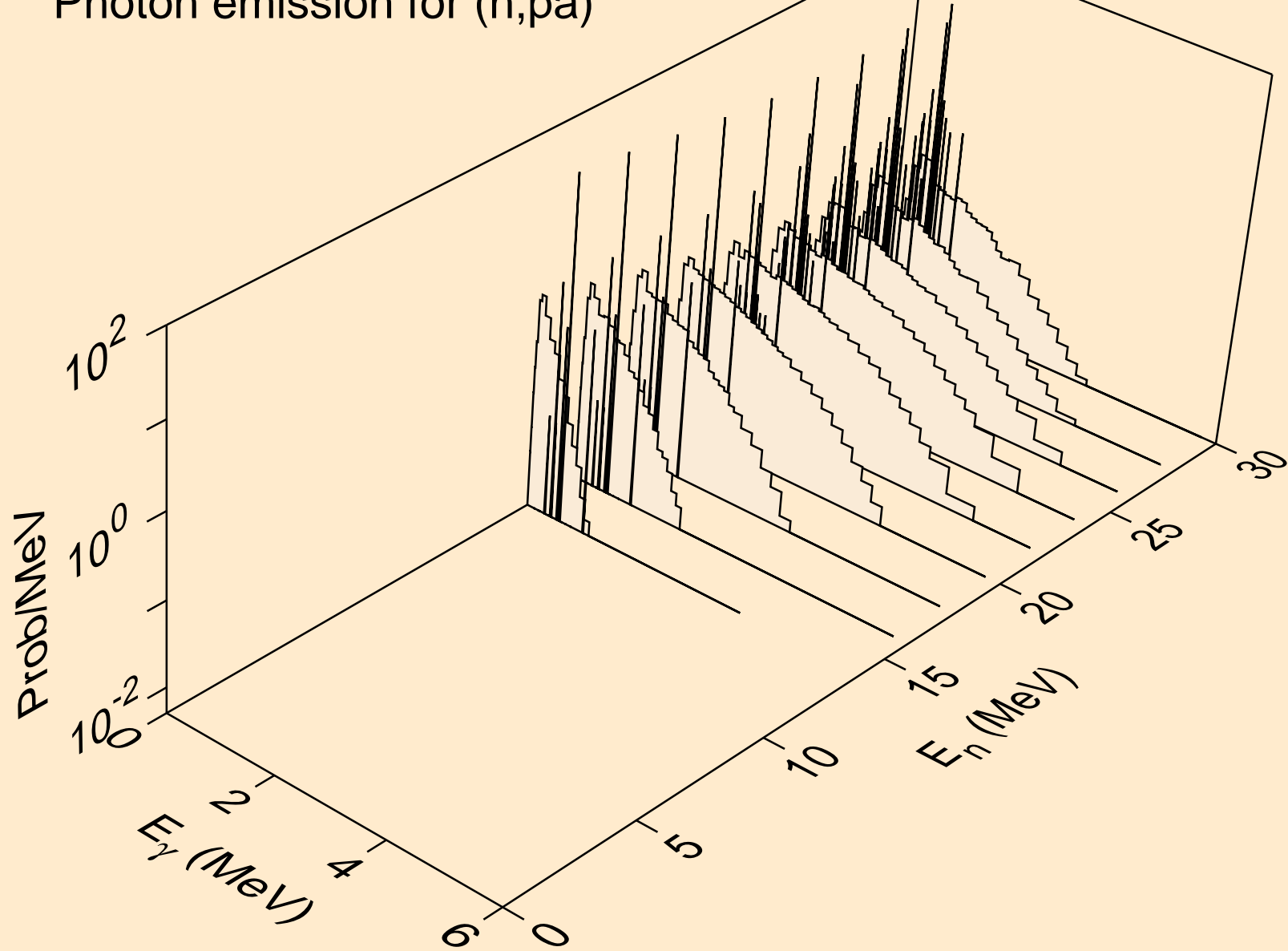
AT199 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



AT199 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

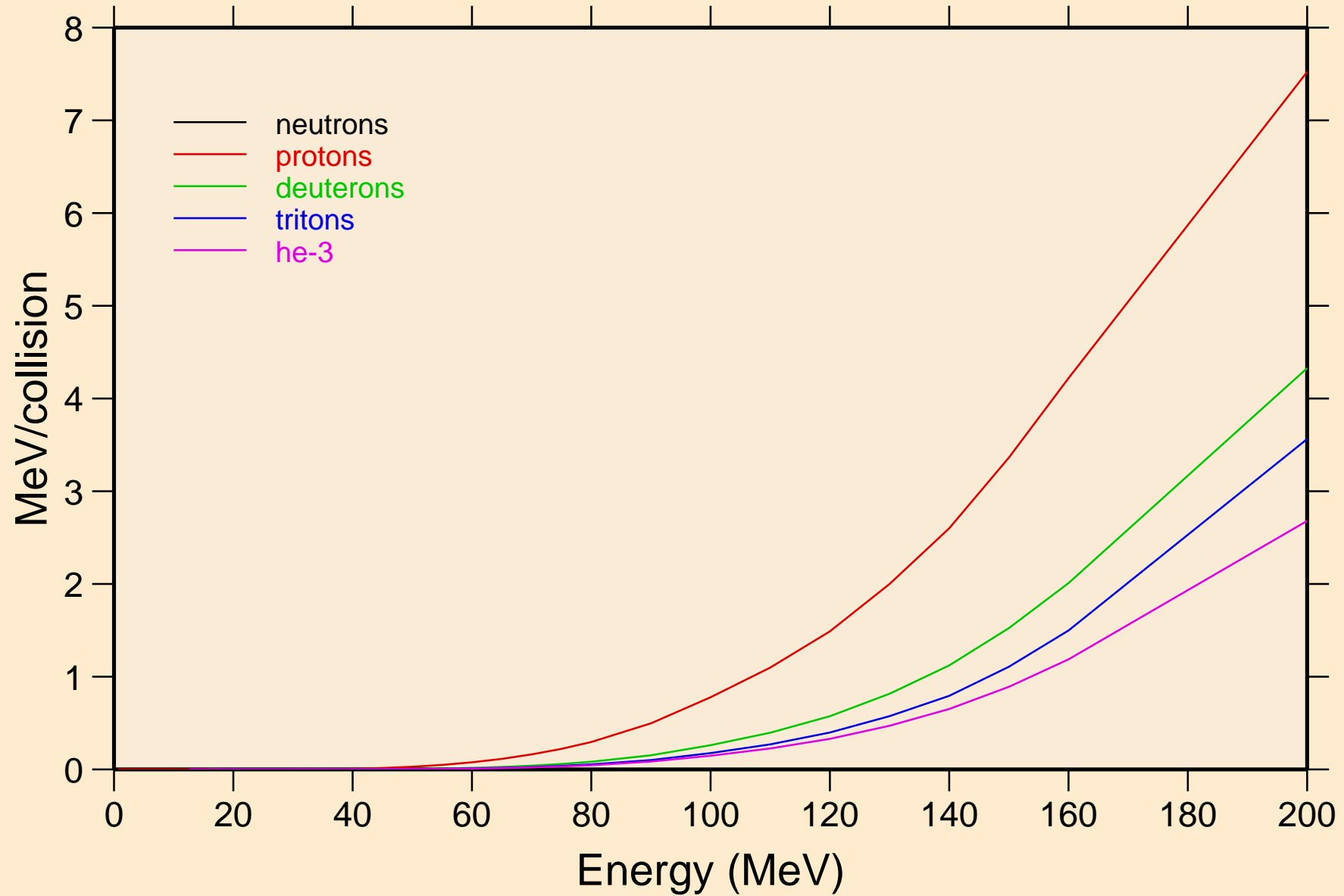


AT199 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)

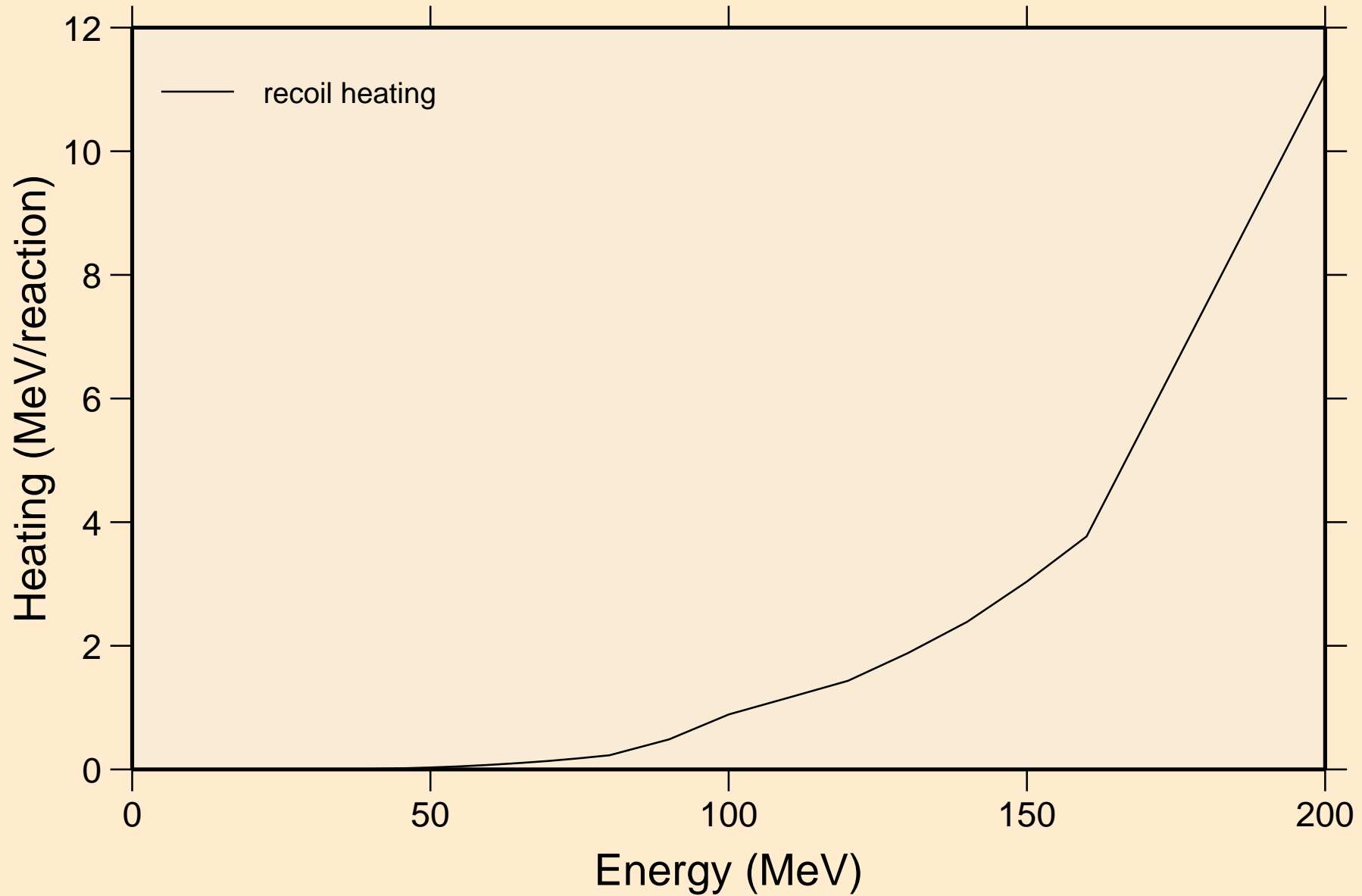


# AT199 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions



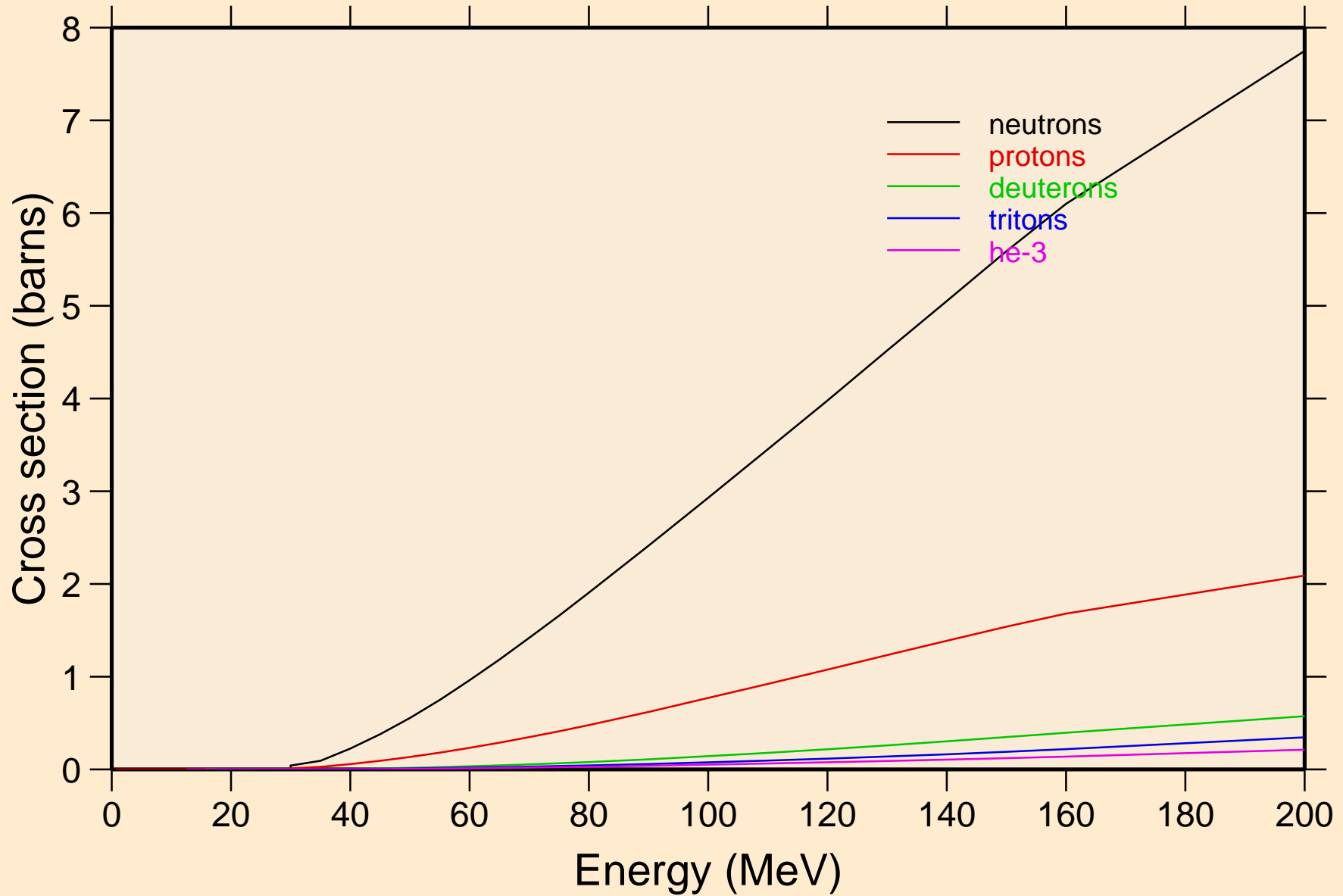
AT199 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



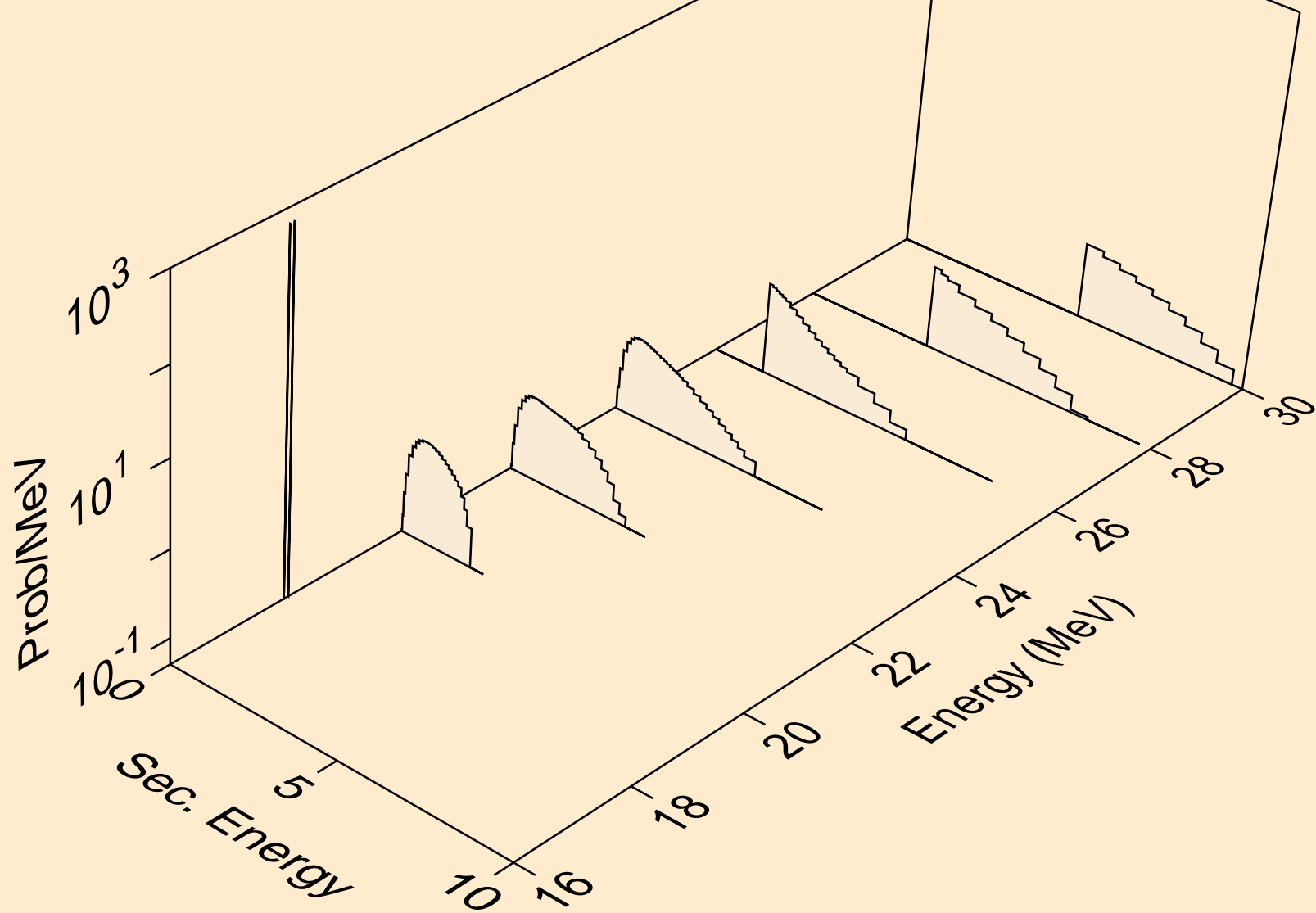


# AT199 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

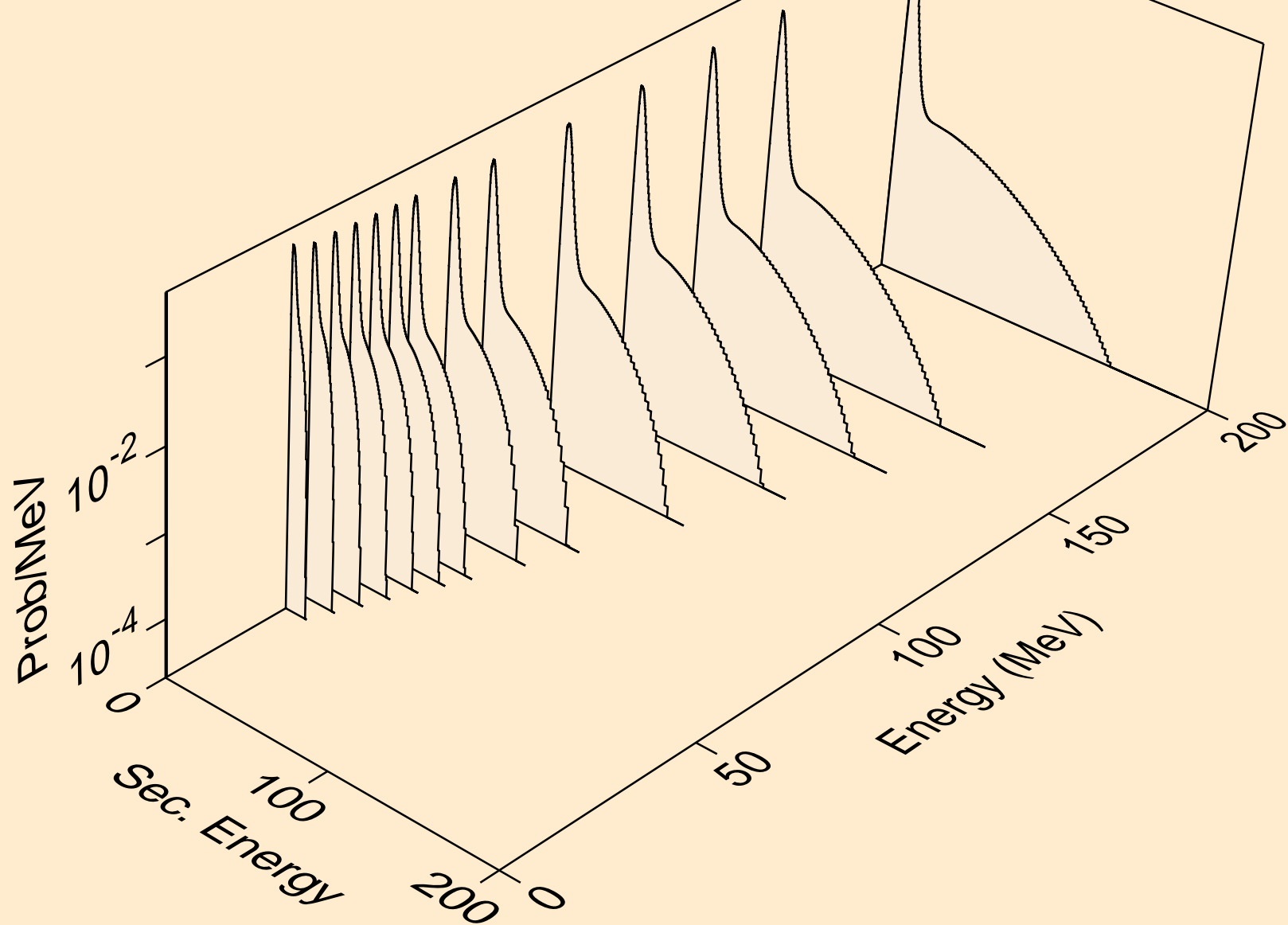
## Particle production cross sections



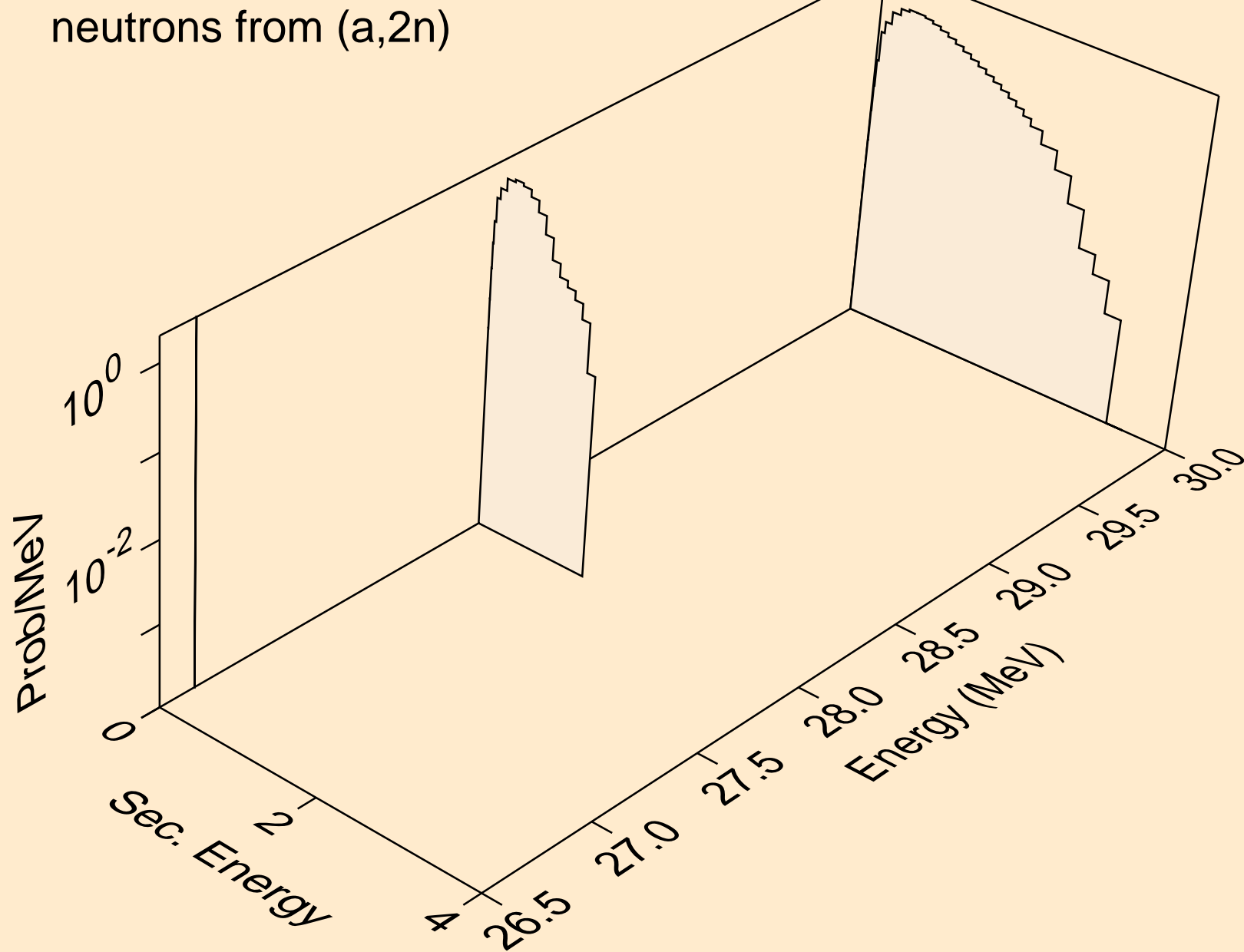
AT199 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)



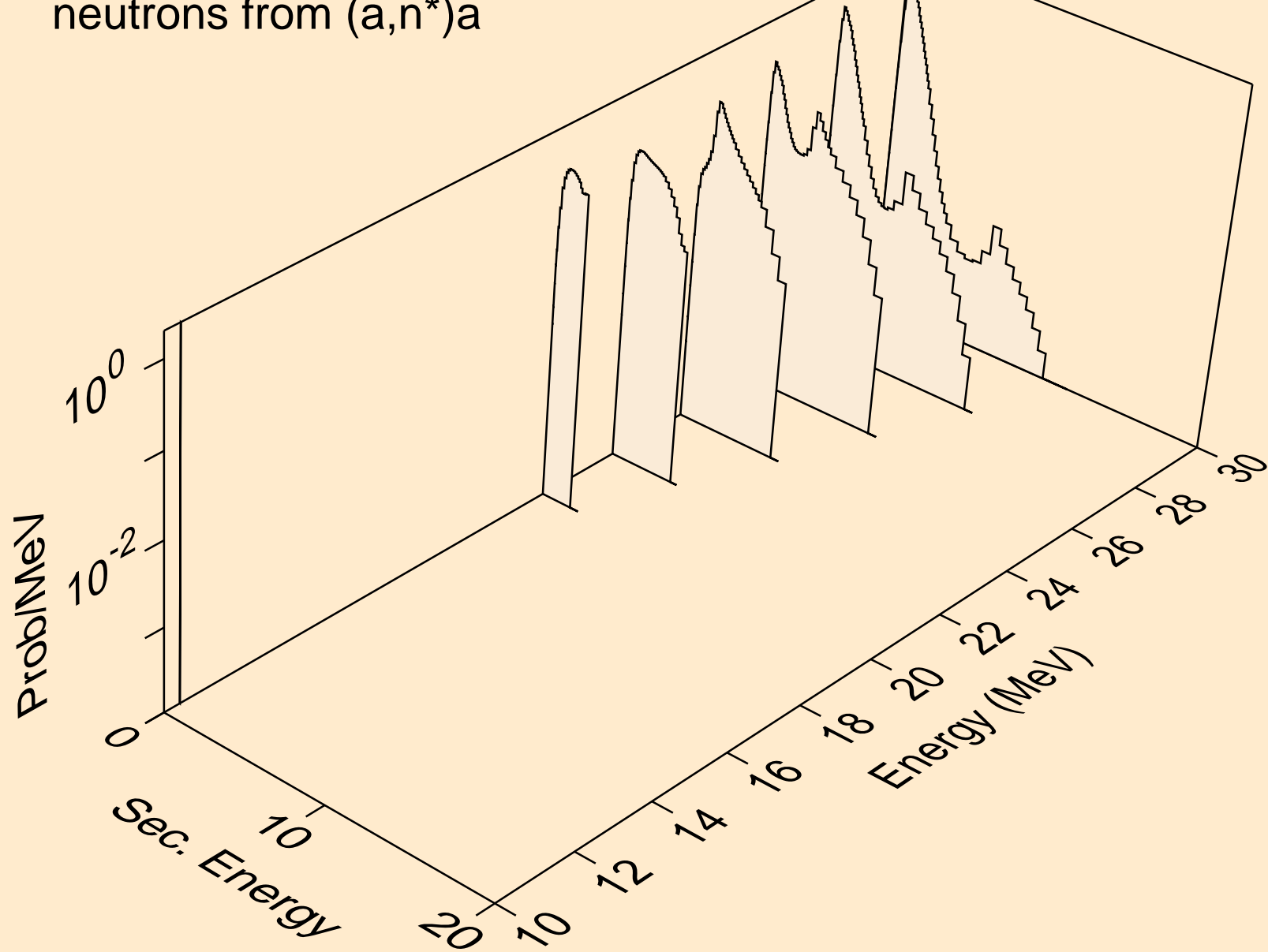
AT199 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)



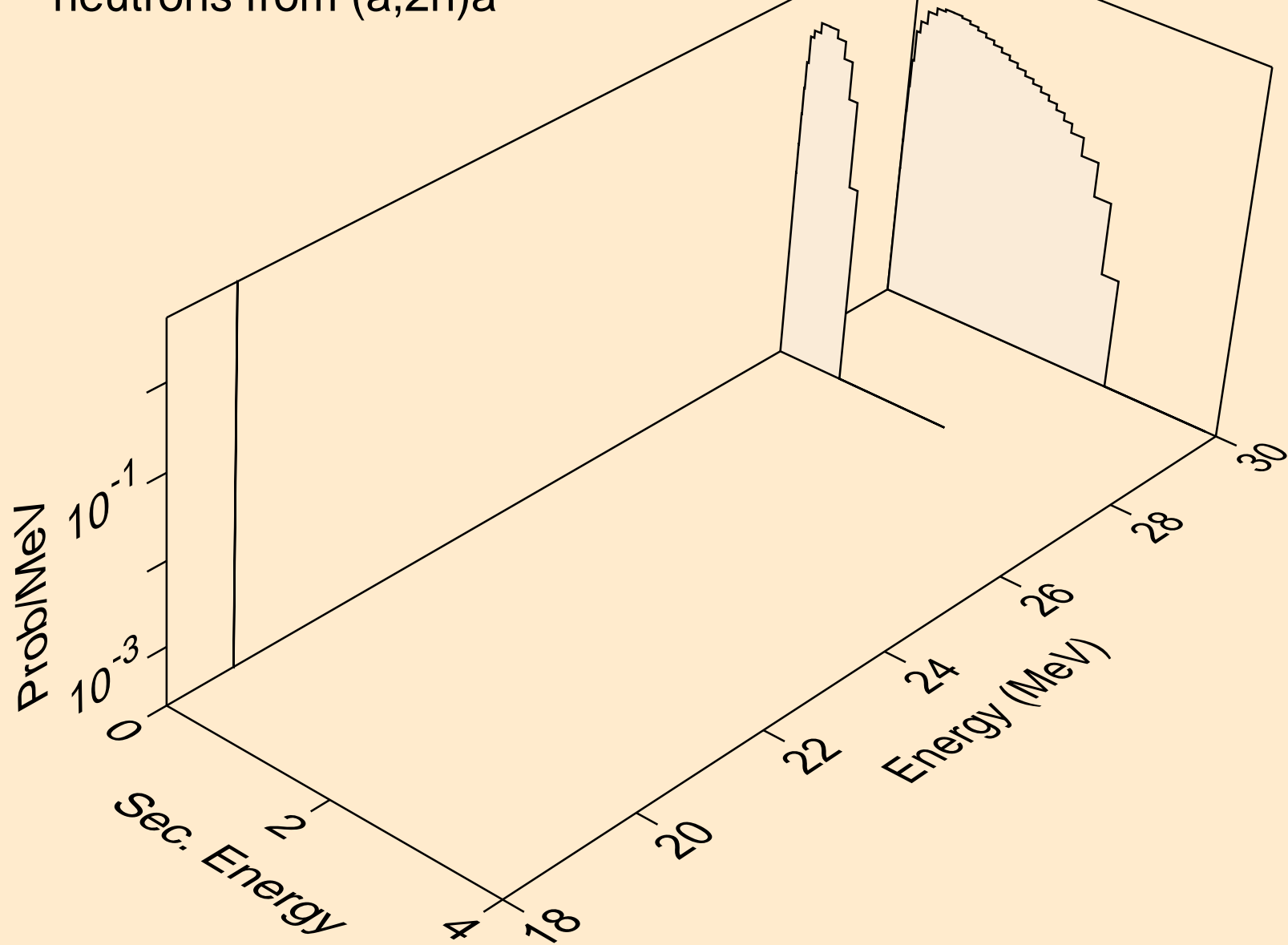
AT199 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)



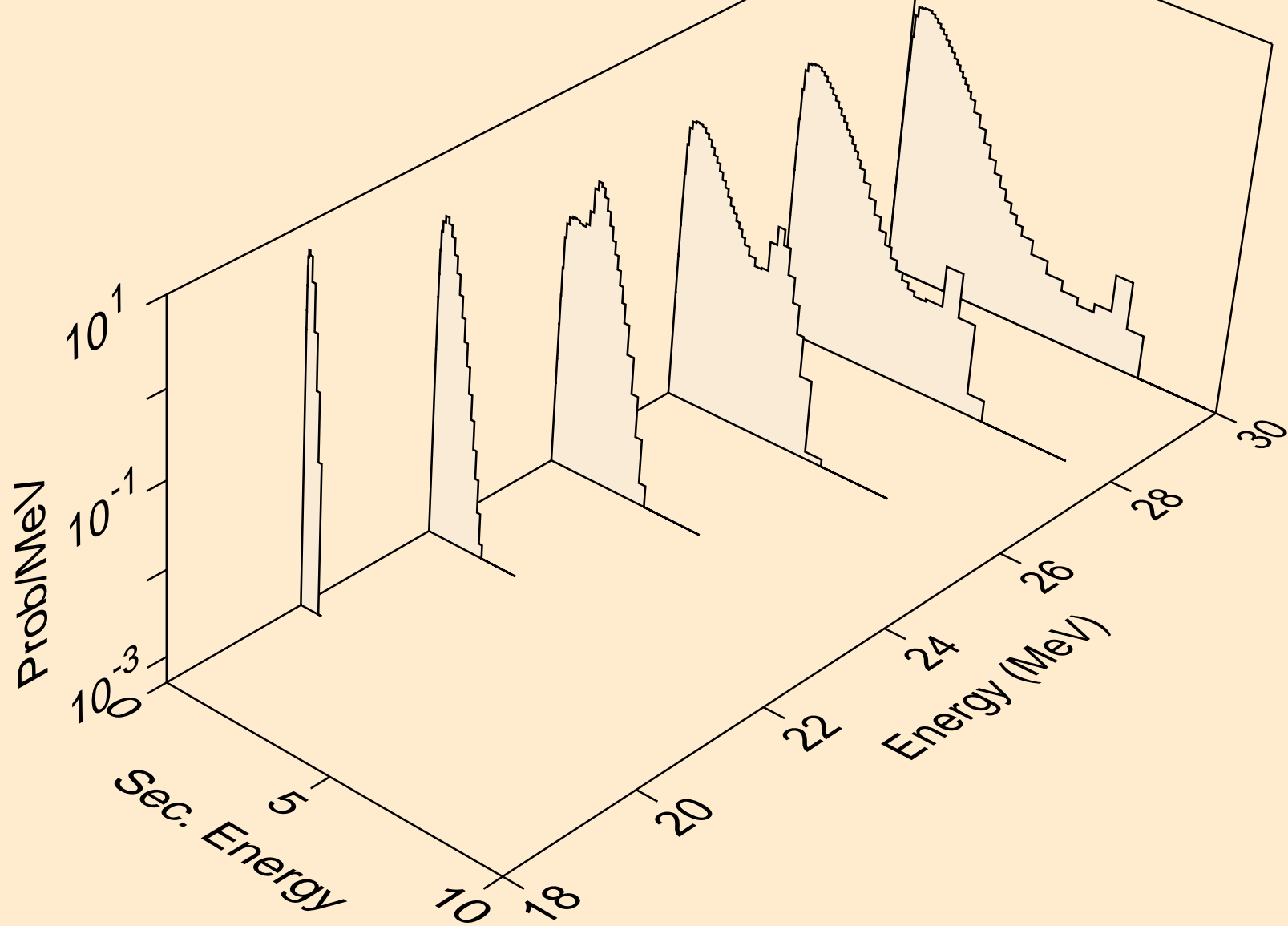
AT199 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a



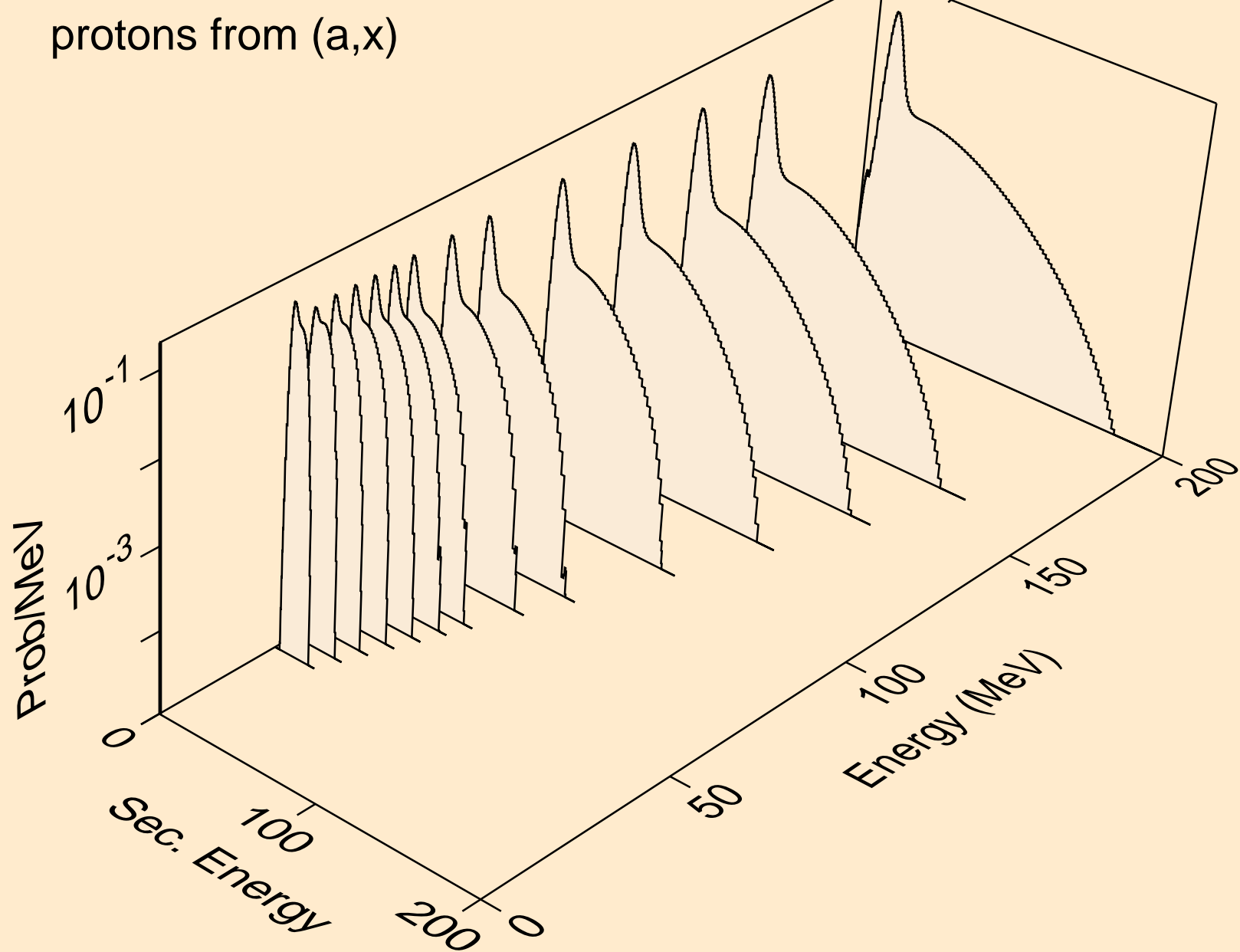
AT199 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)a



AT199 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)p

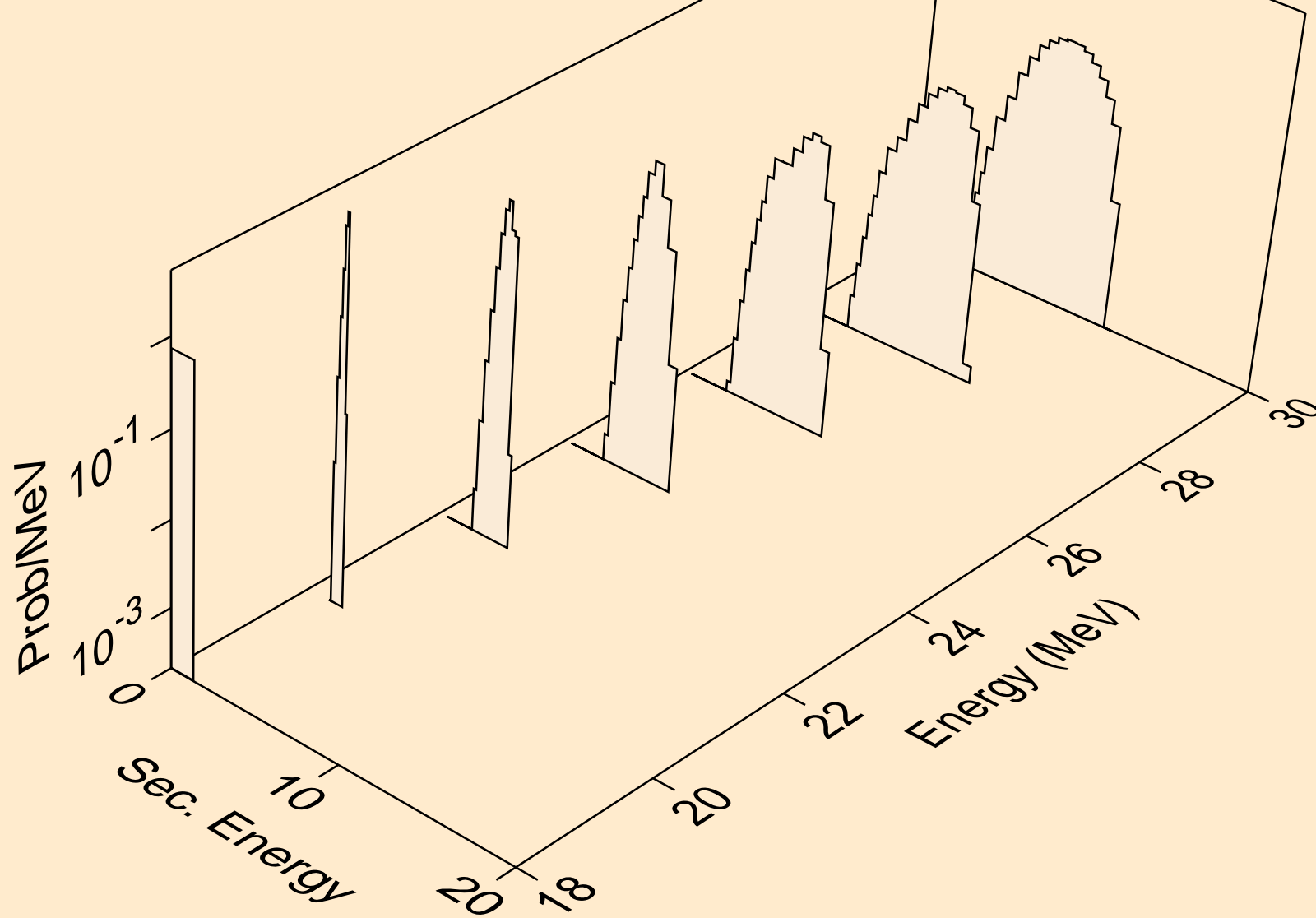


AT199 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,x)

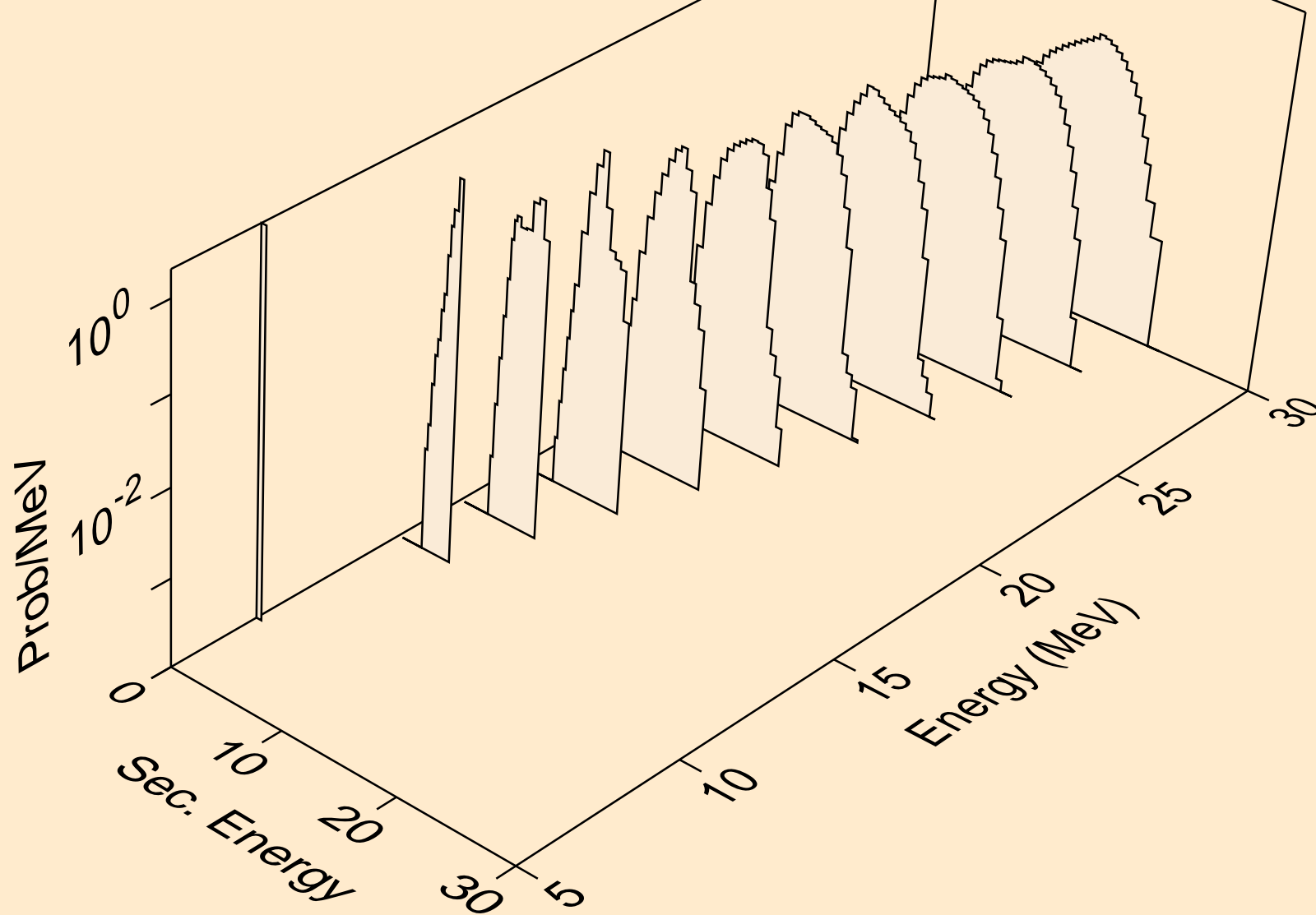




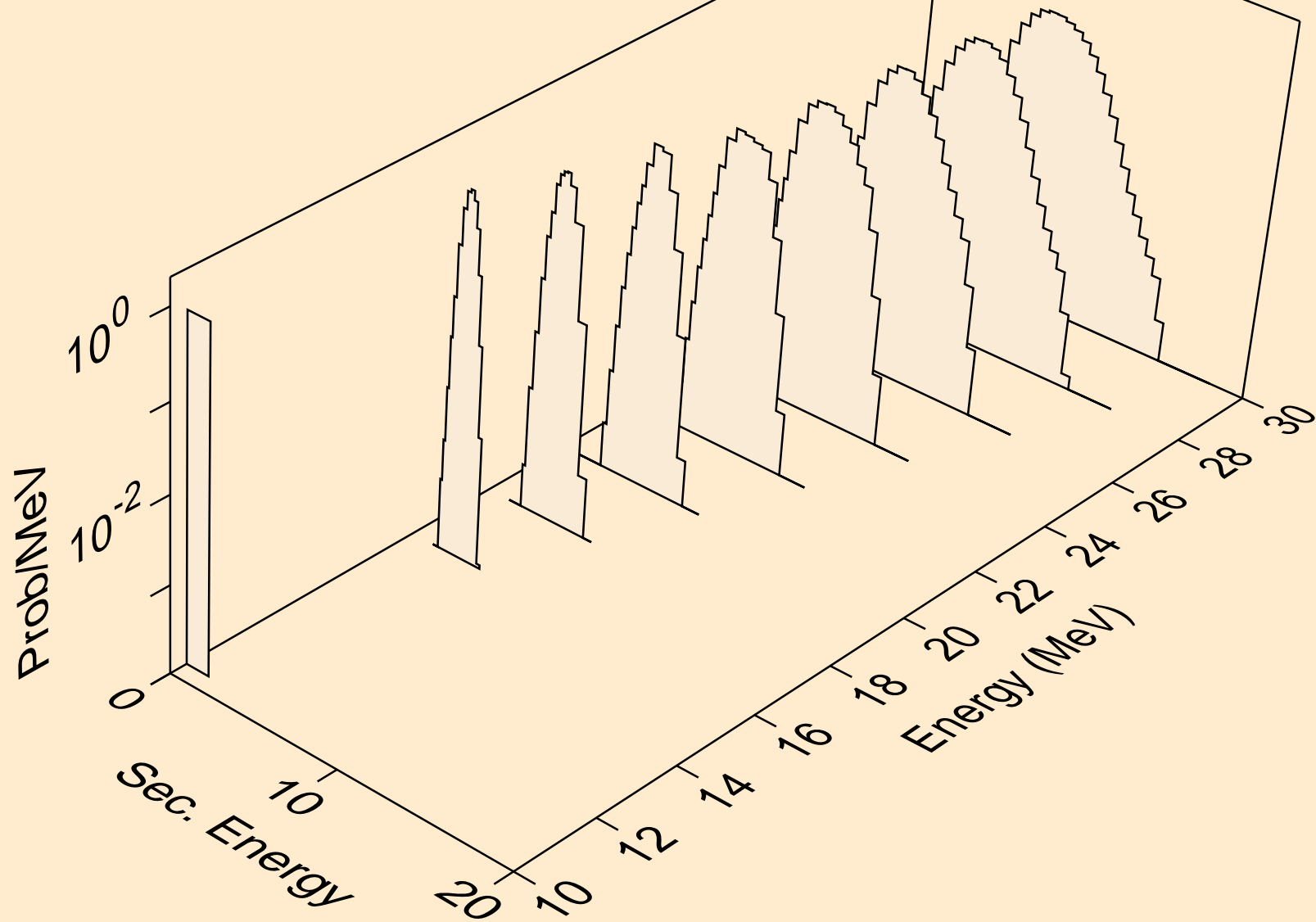
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protons from (a,n\*)p



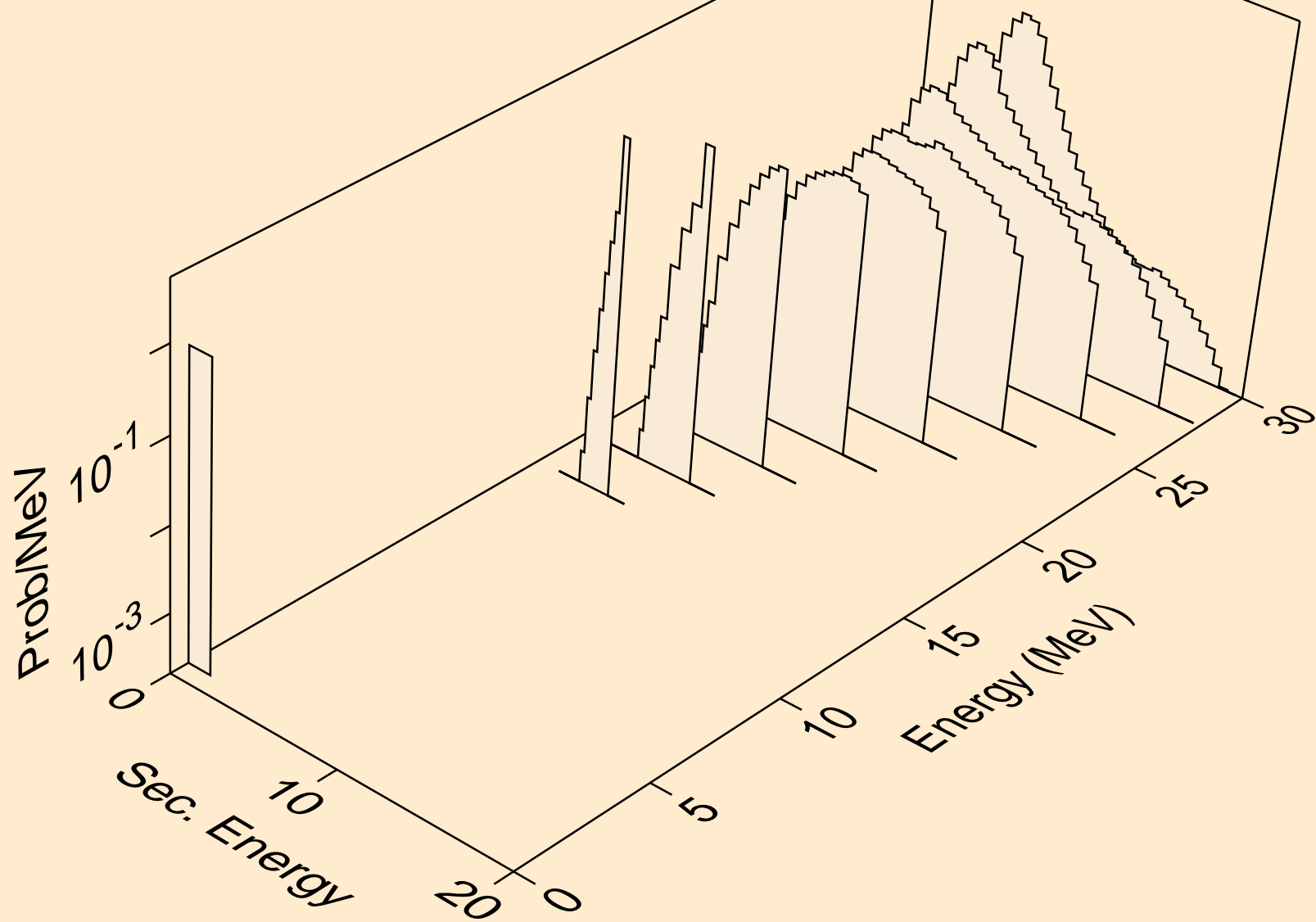
AT199 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,p)



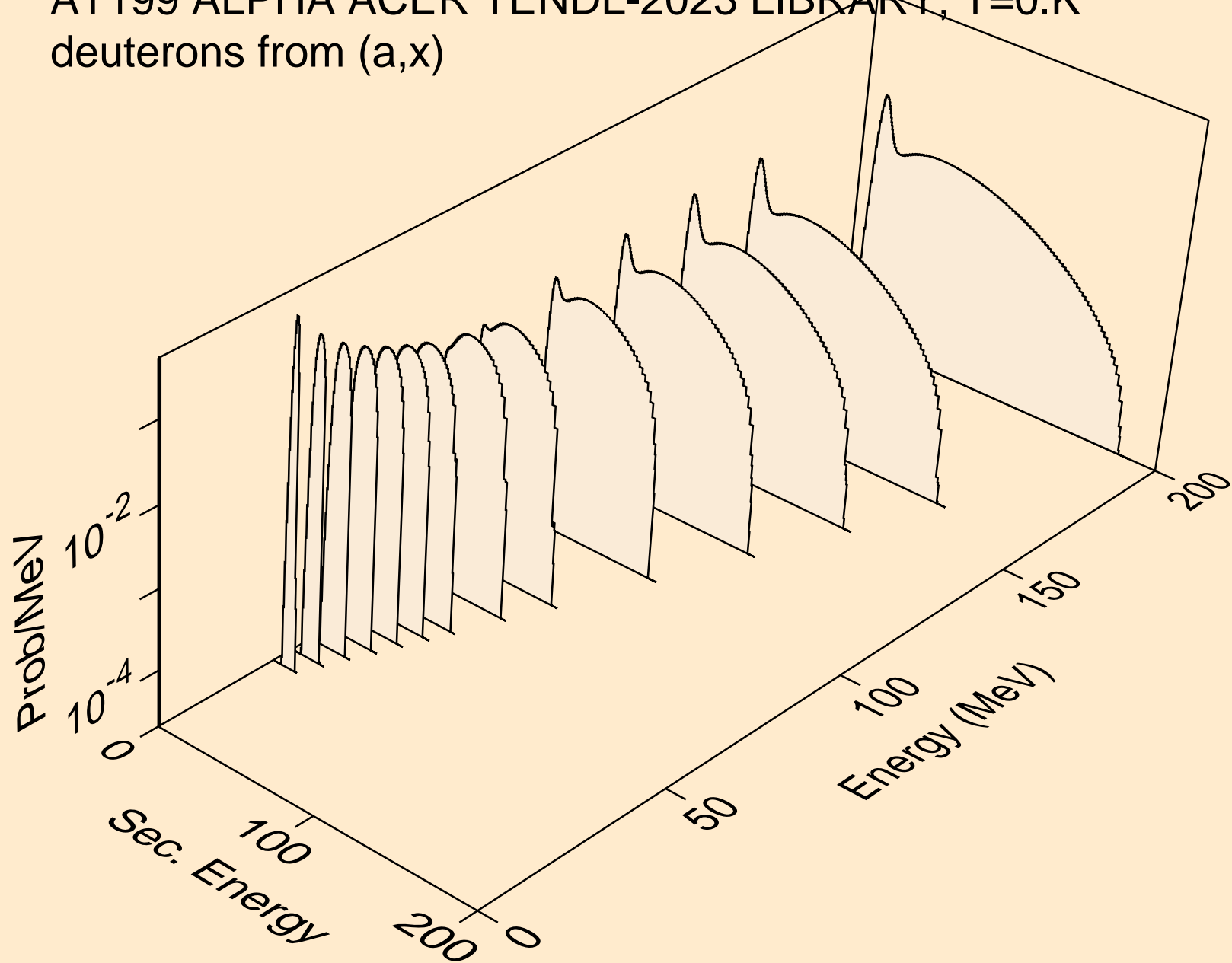
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protons from (a,2p)



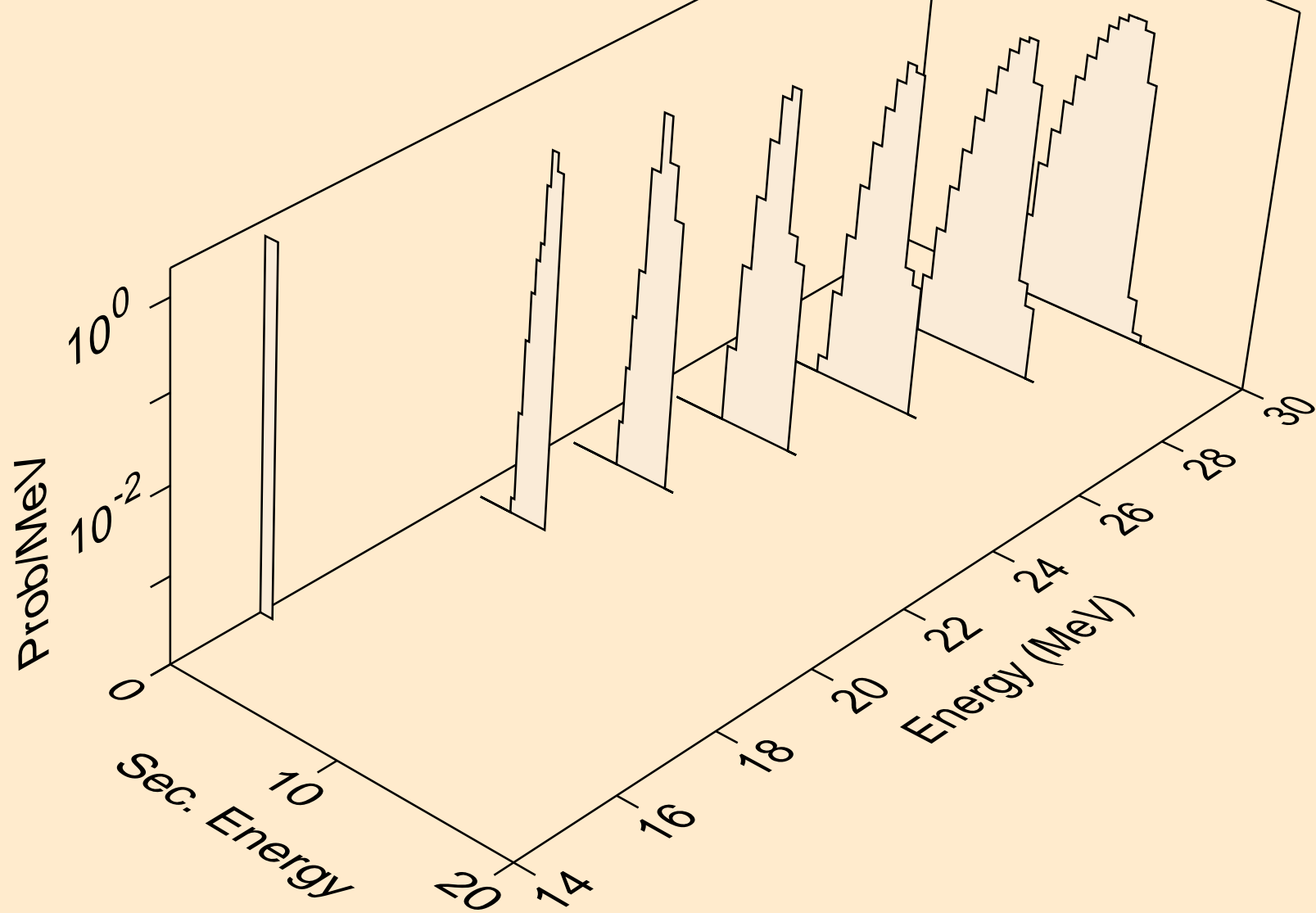
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protons from (a,pa)



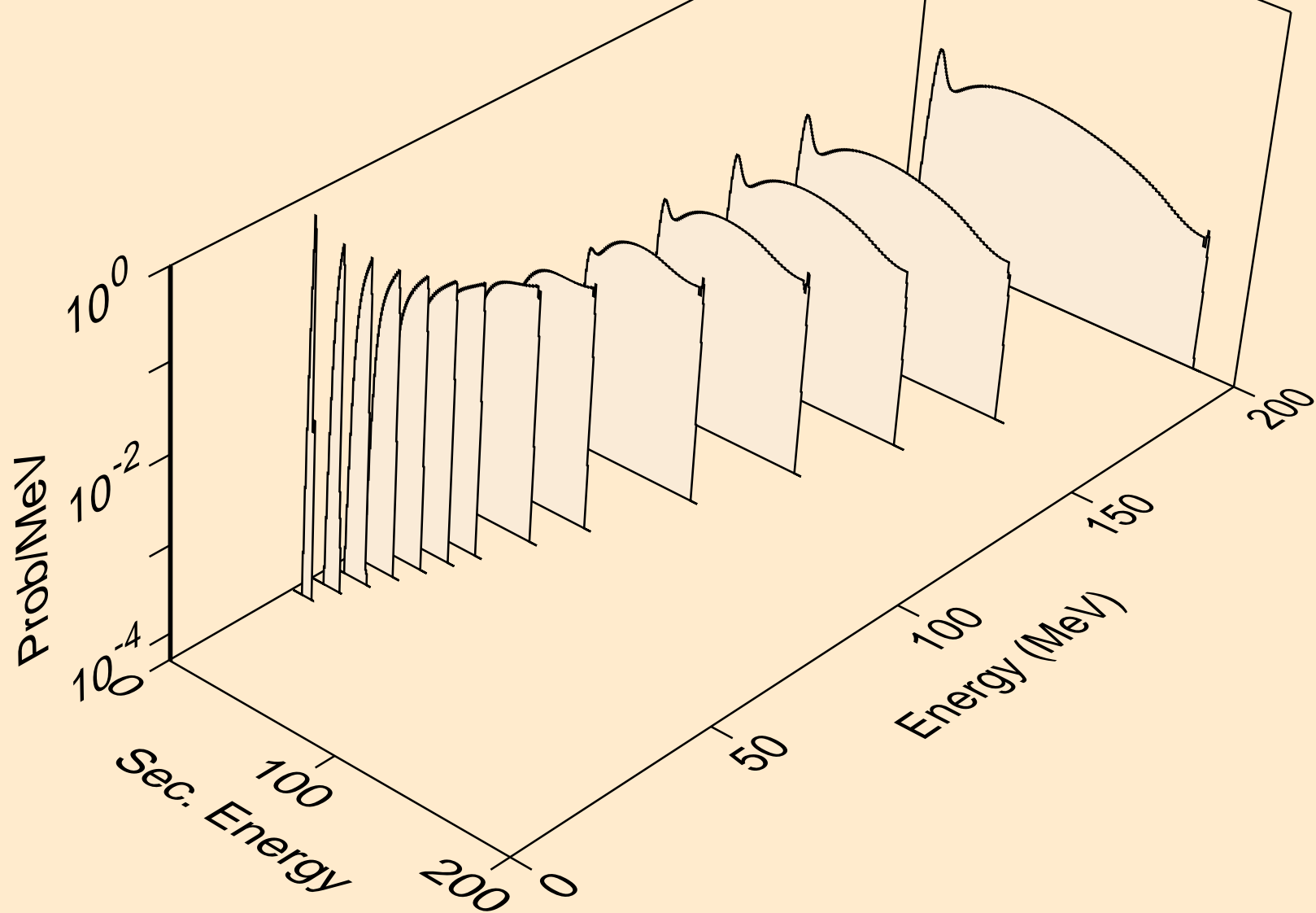
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deuterons from (a,x)



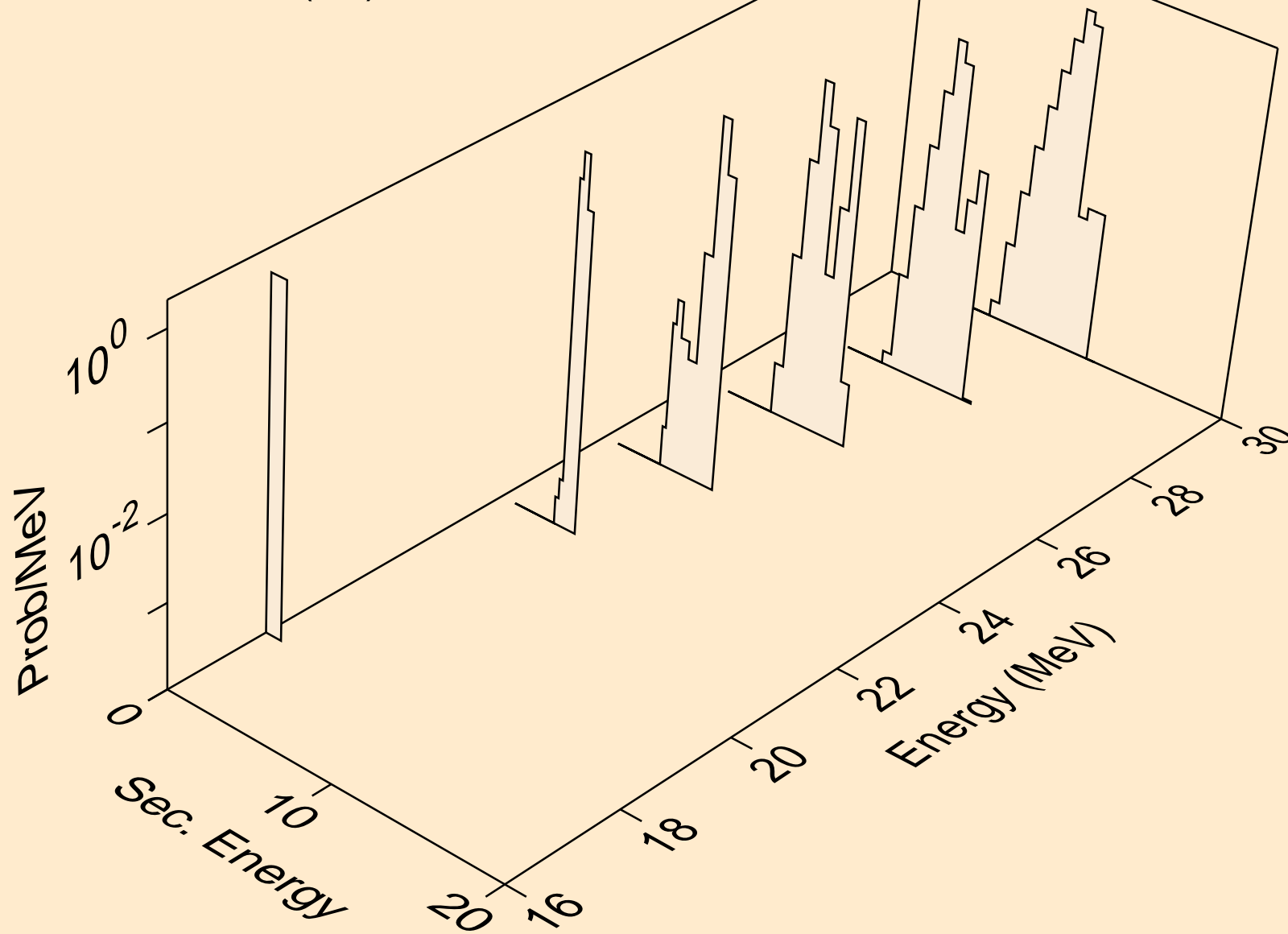
AT199 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,d)



AT199 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)

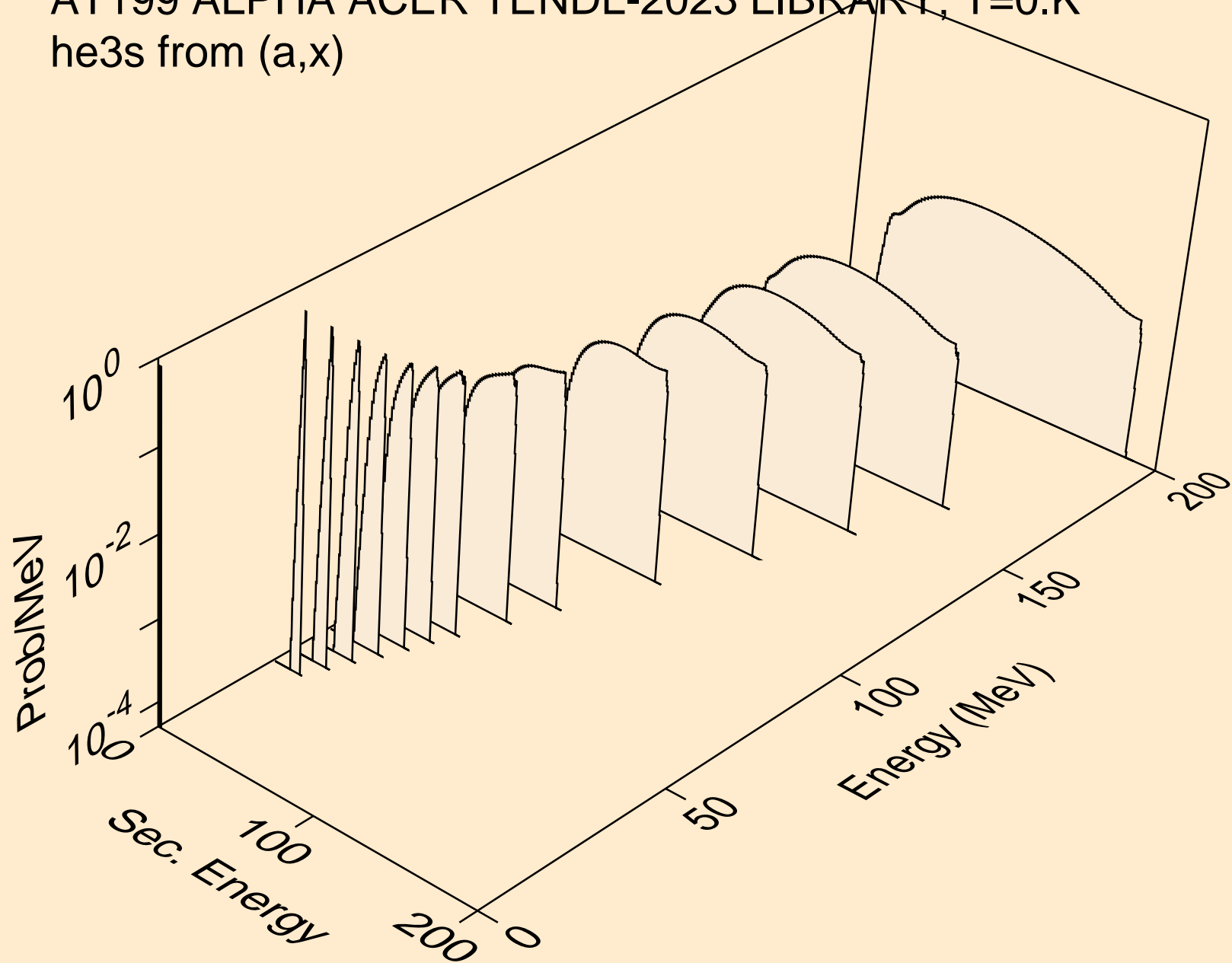


AT199 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)





AT199 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



AT199 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

