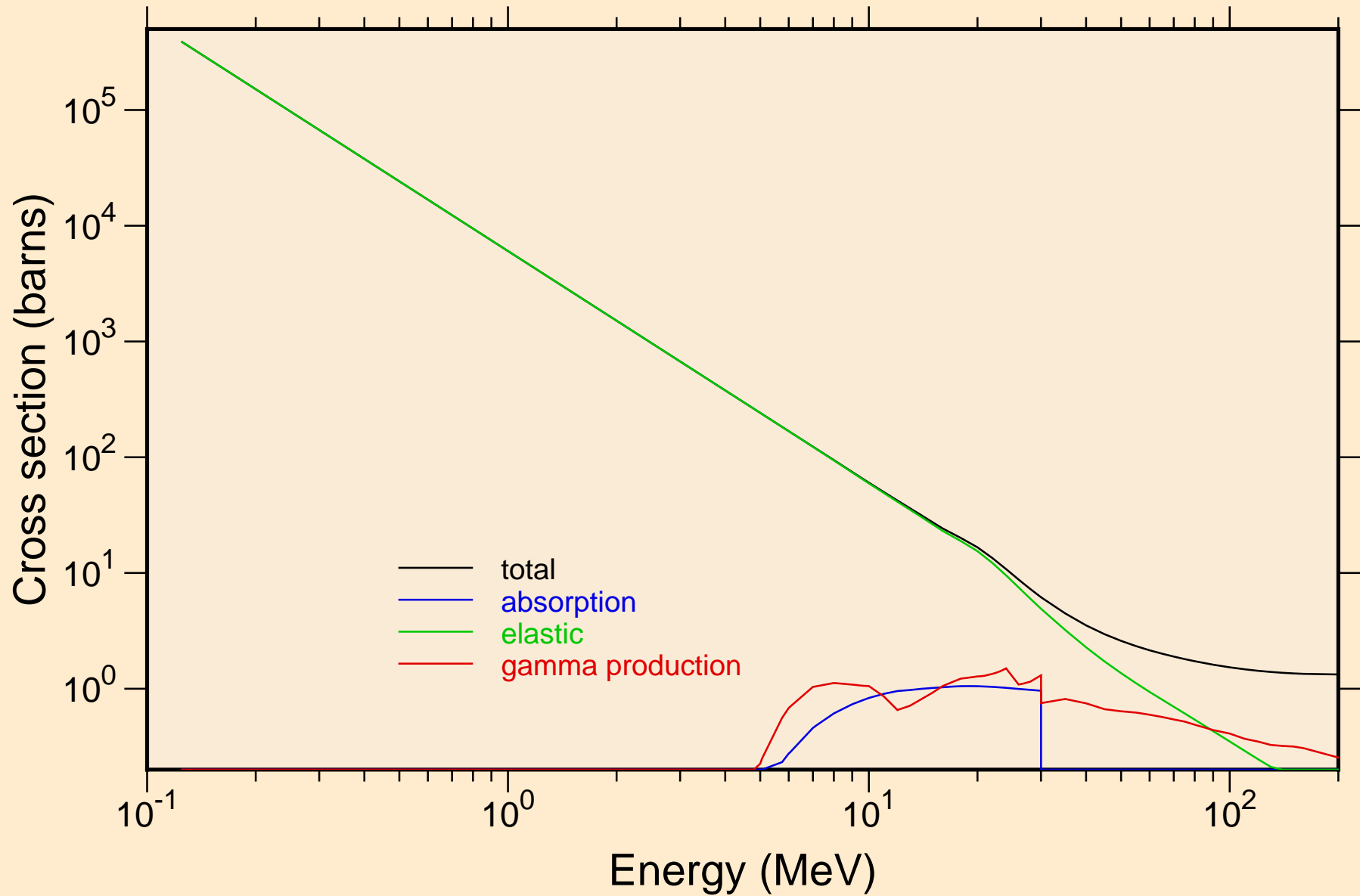


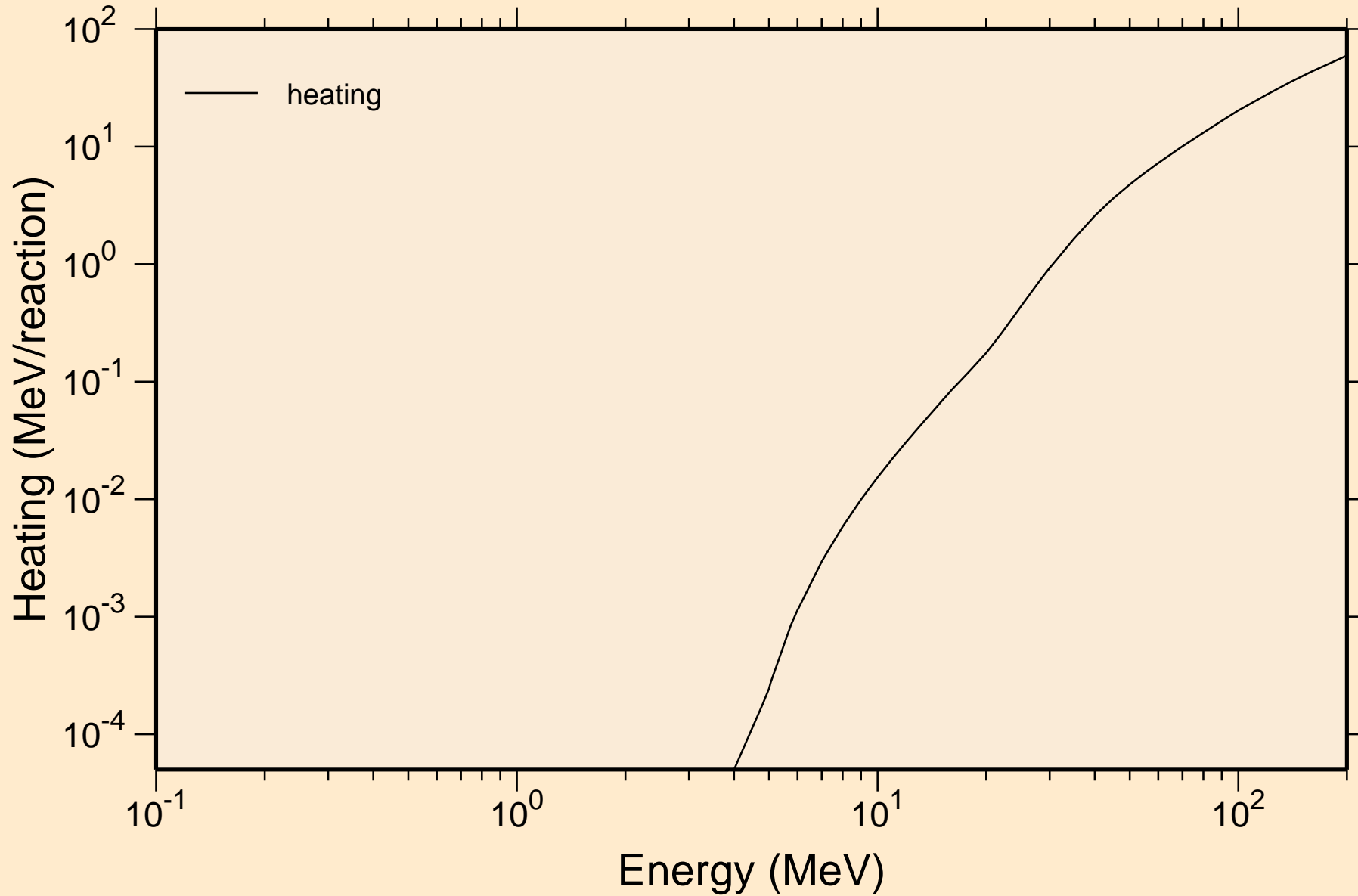
# SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



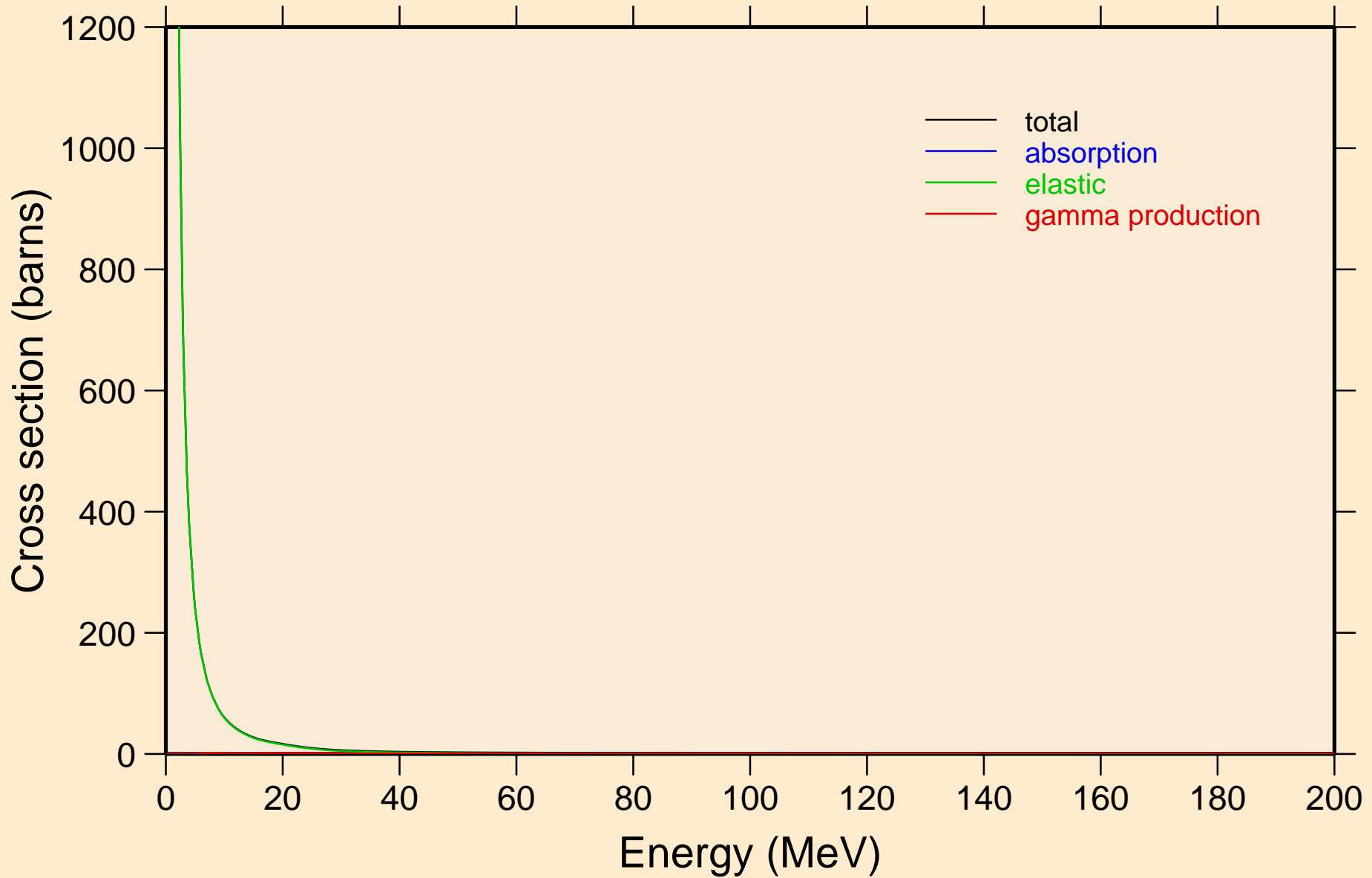
# SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Heating



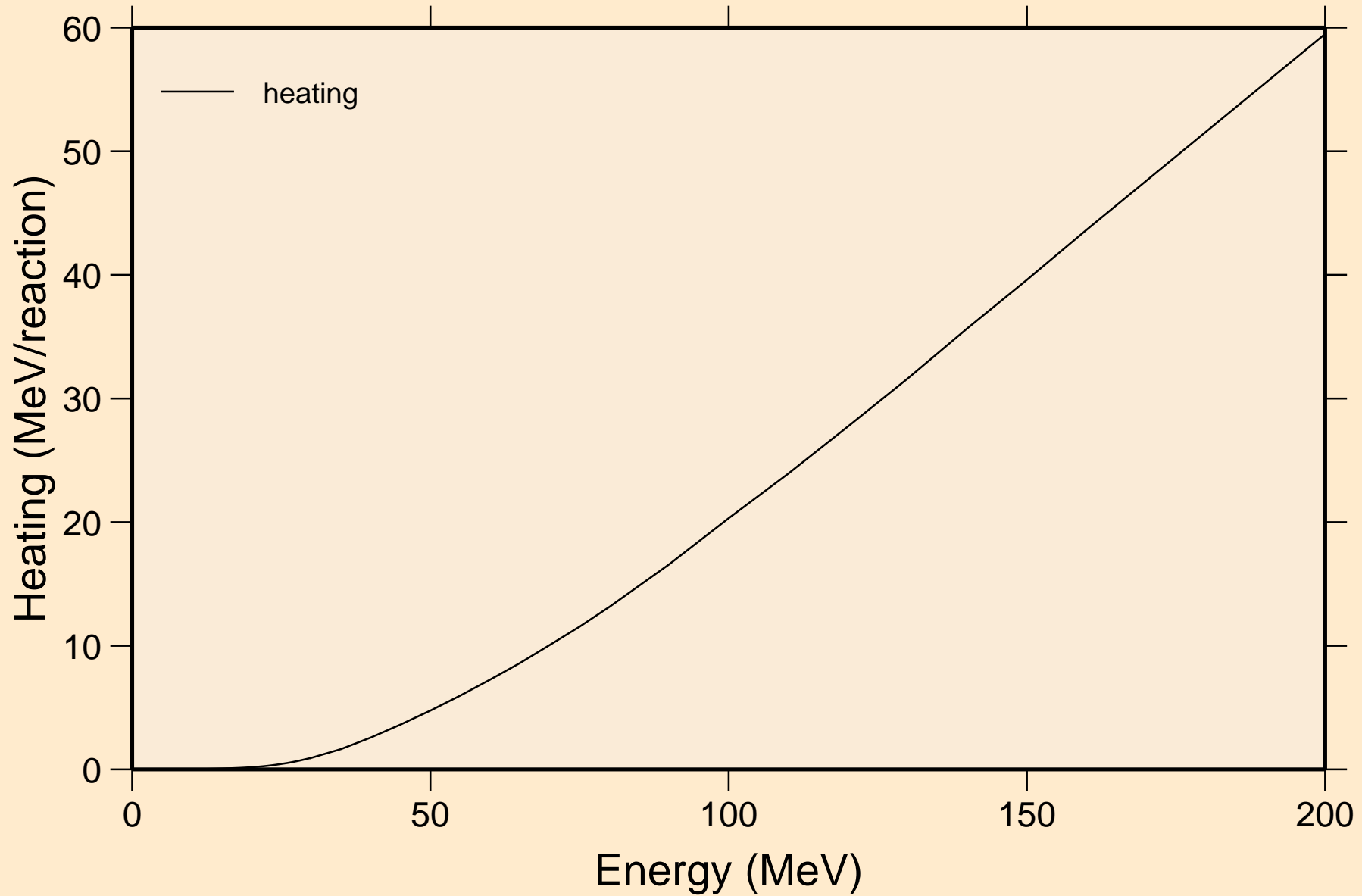
# SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



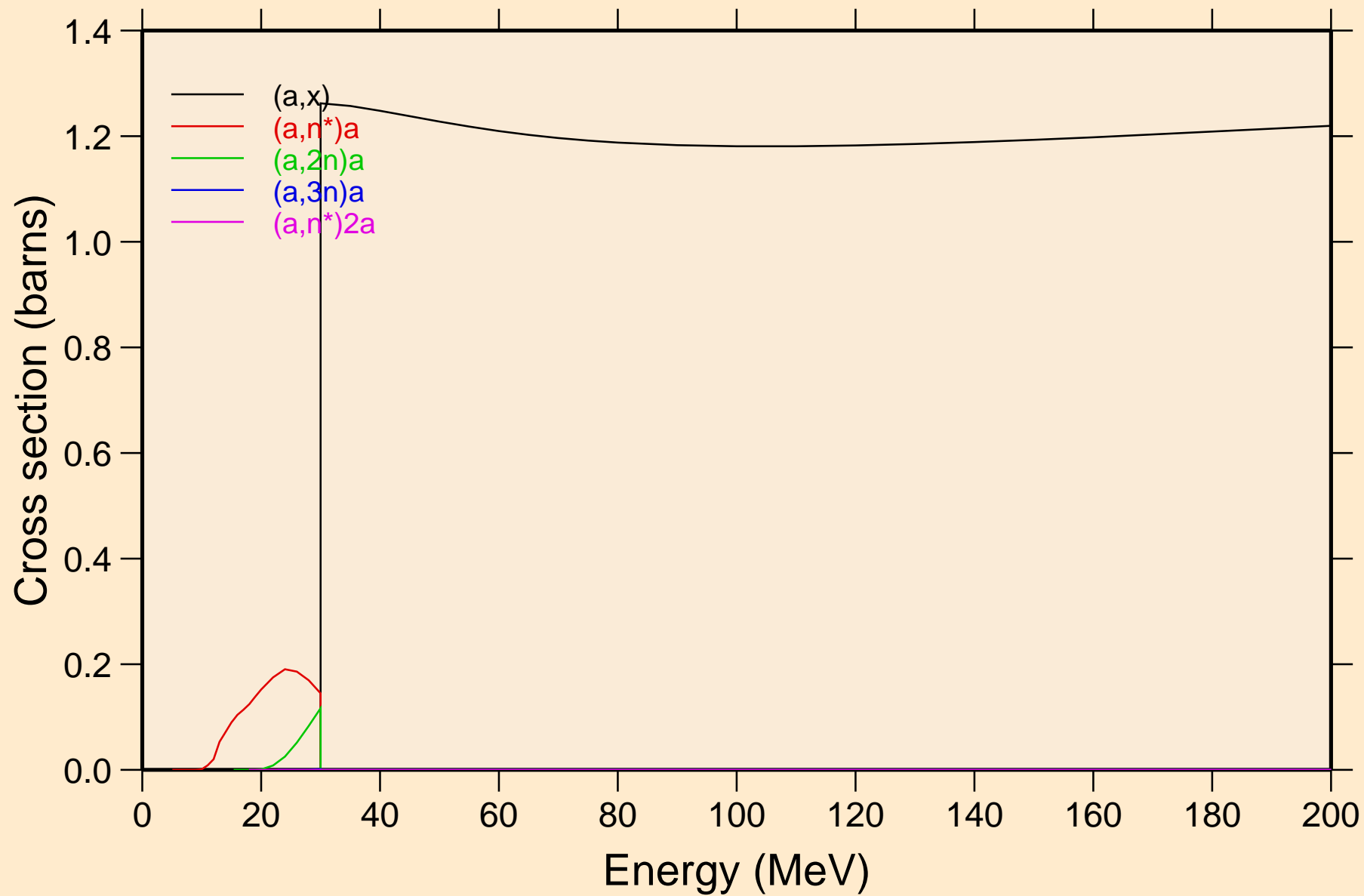
SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating

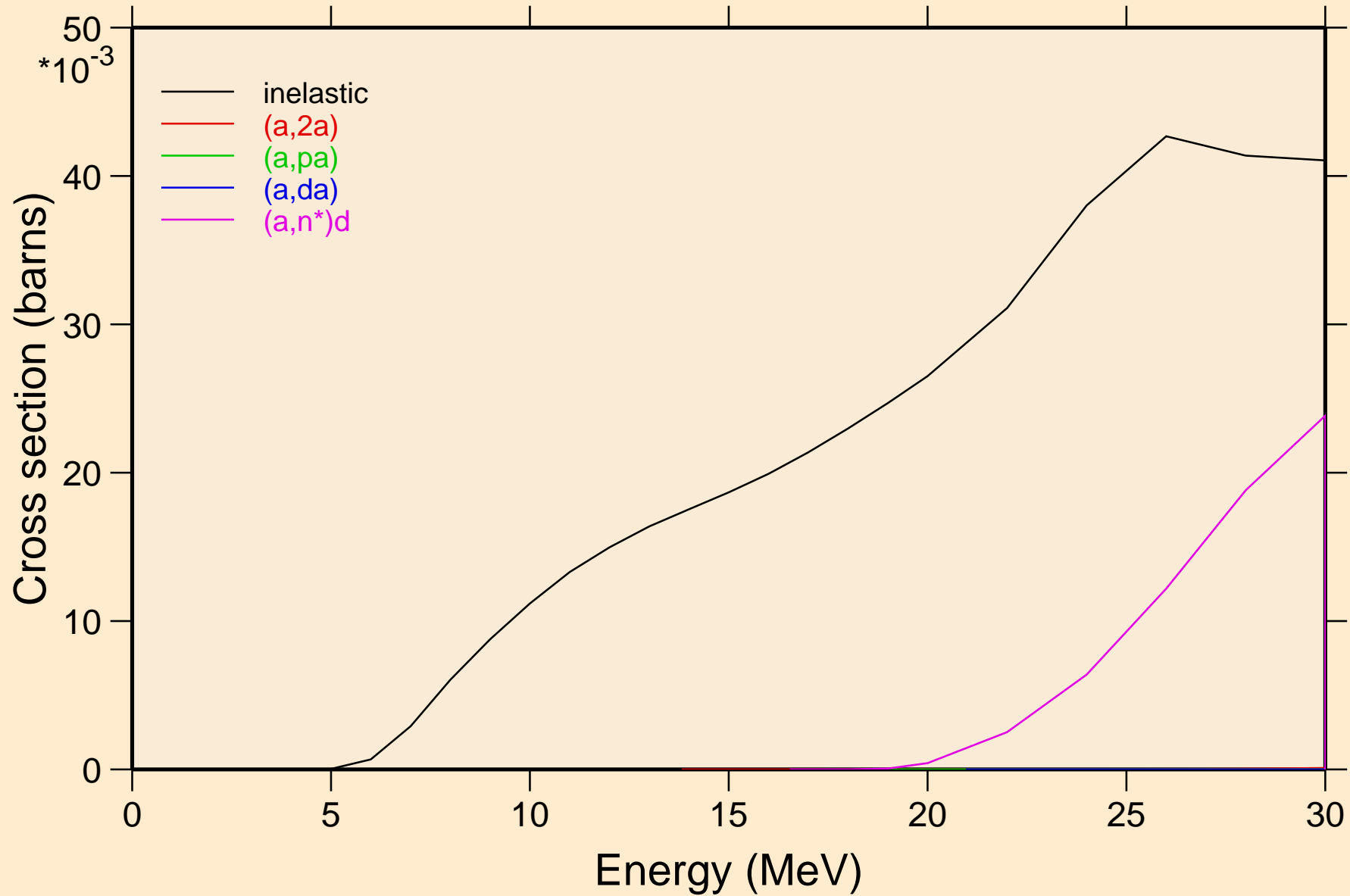


# SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

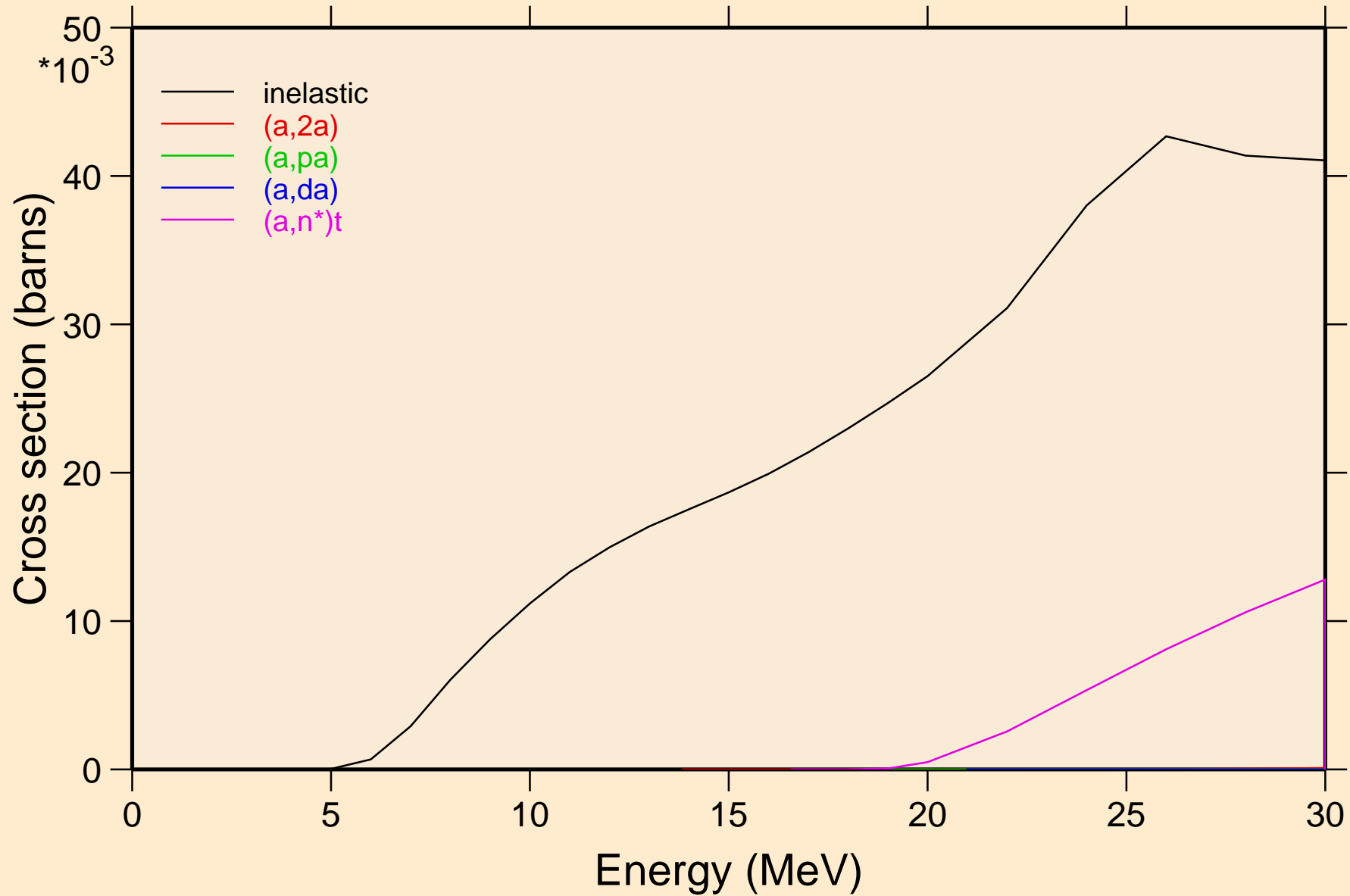
## Threshold reactions



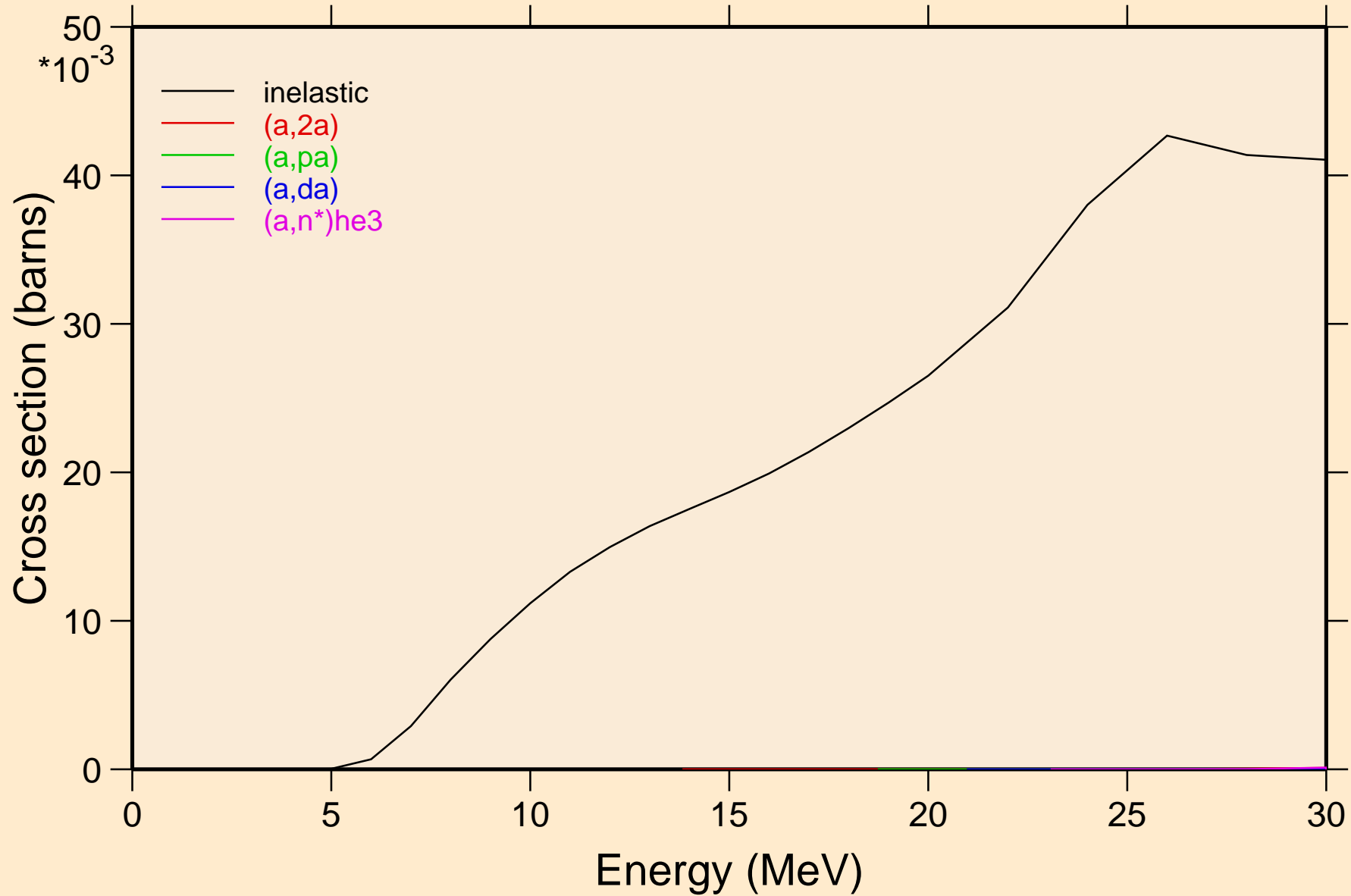
SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

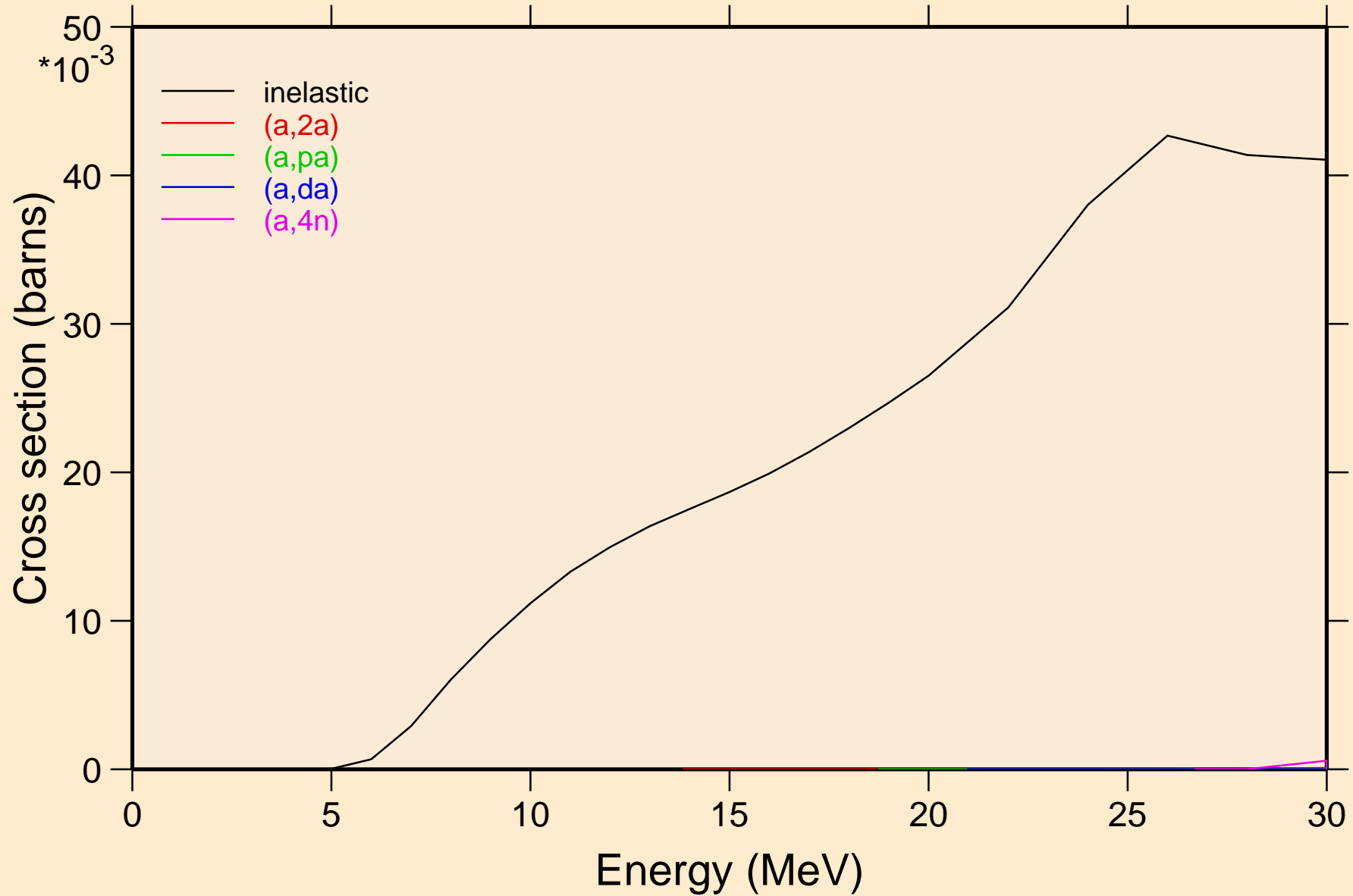


SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

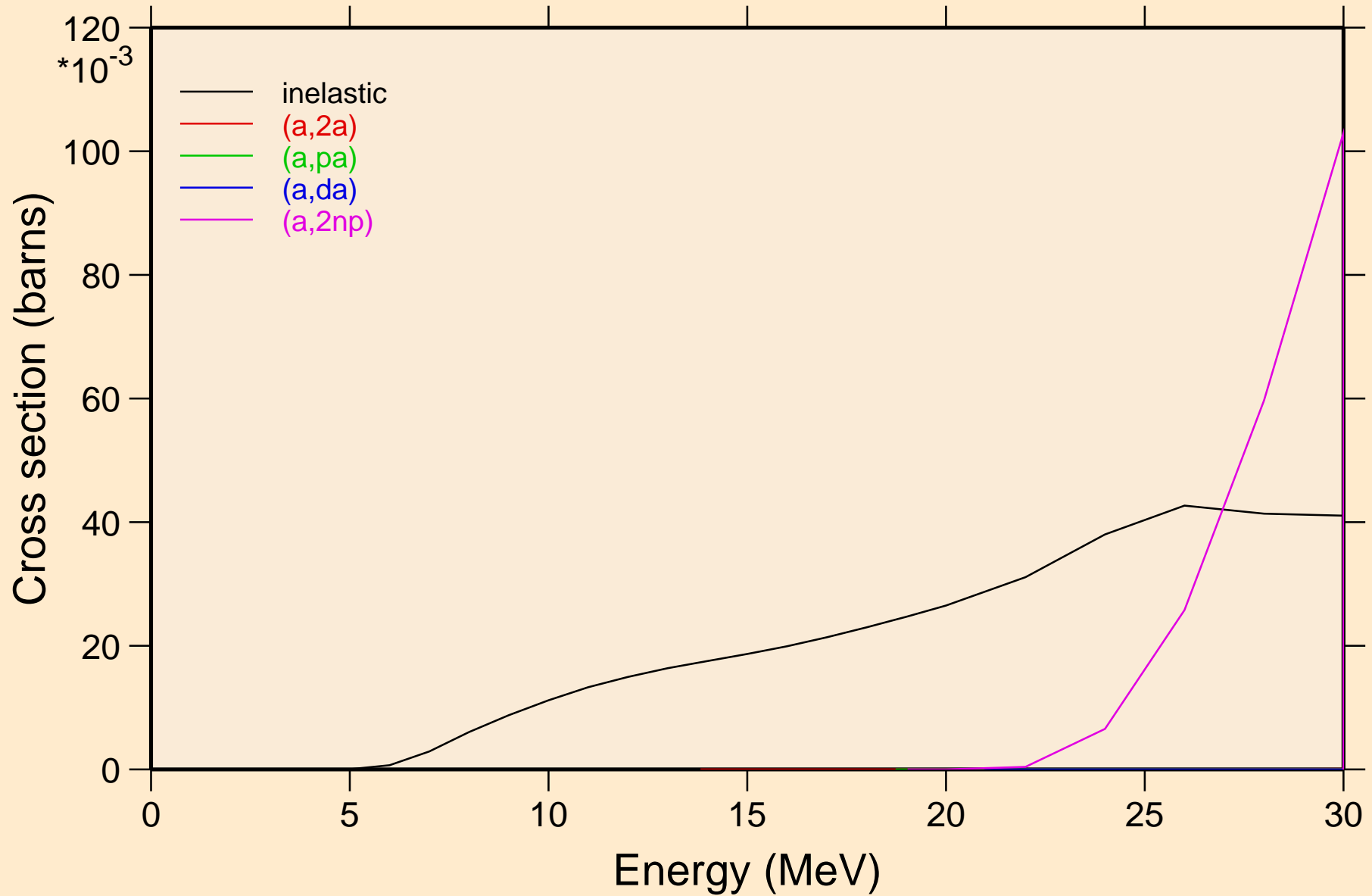




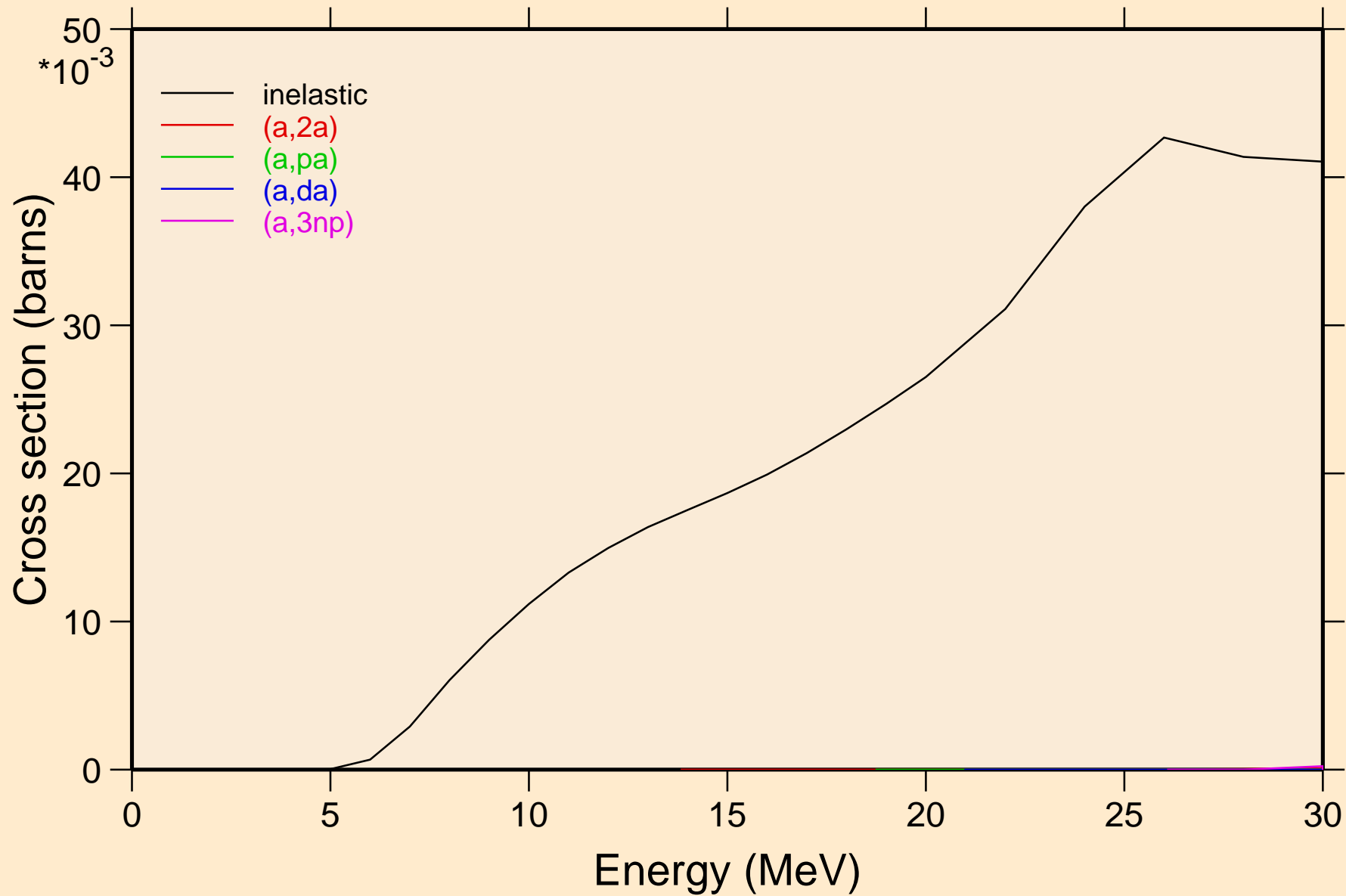
SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



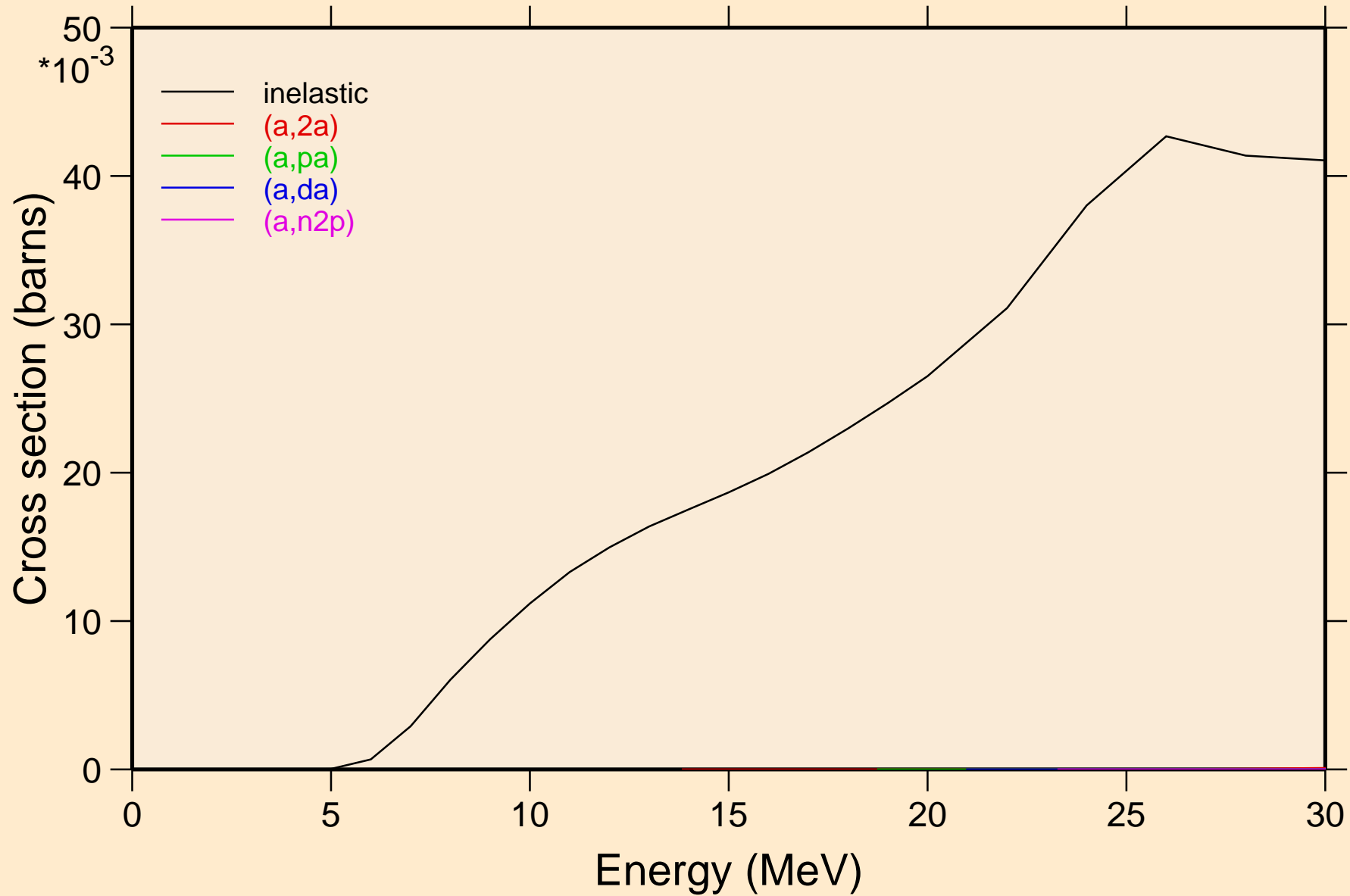
SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



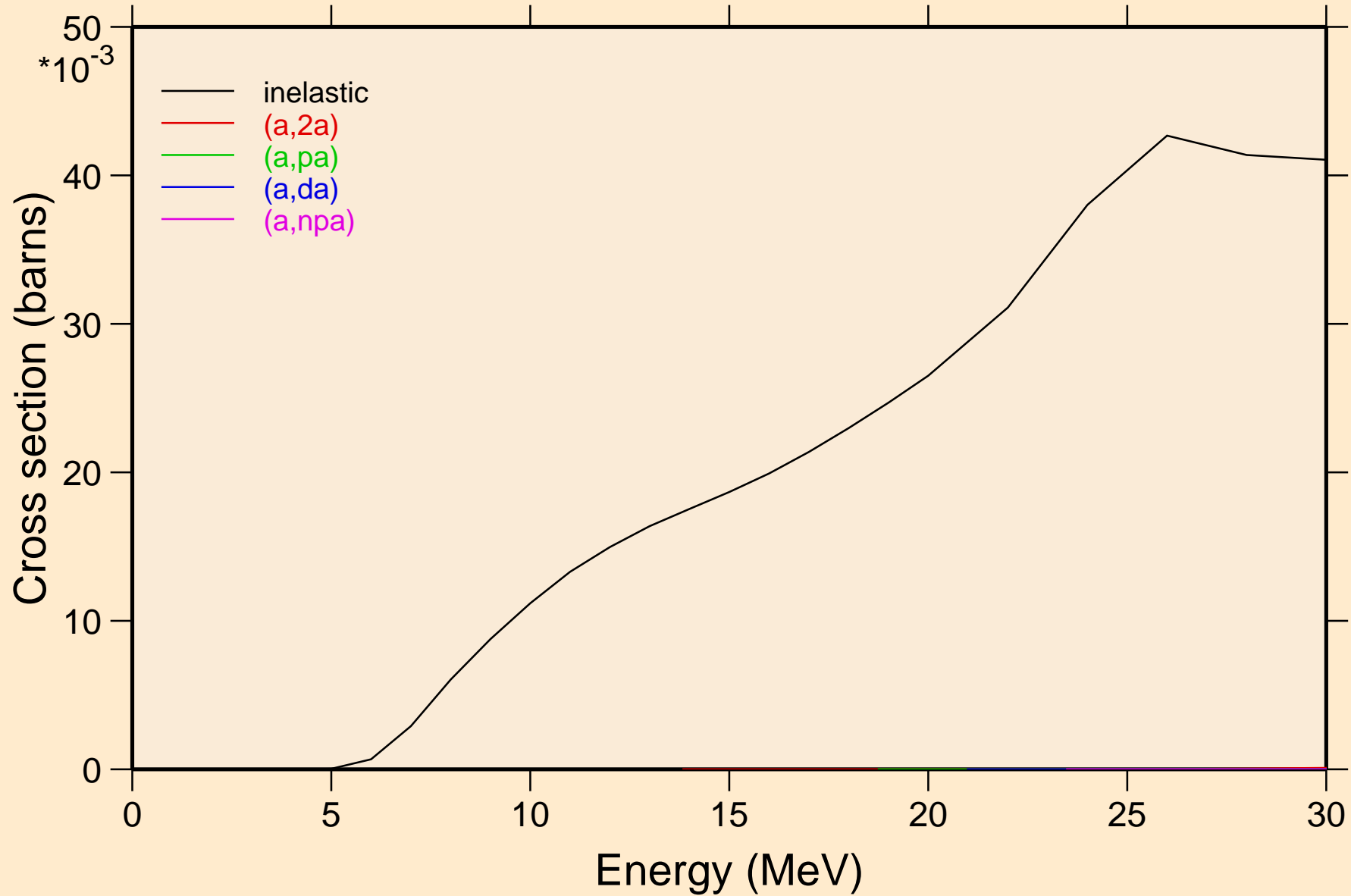
SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



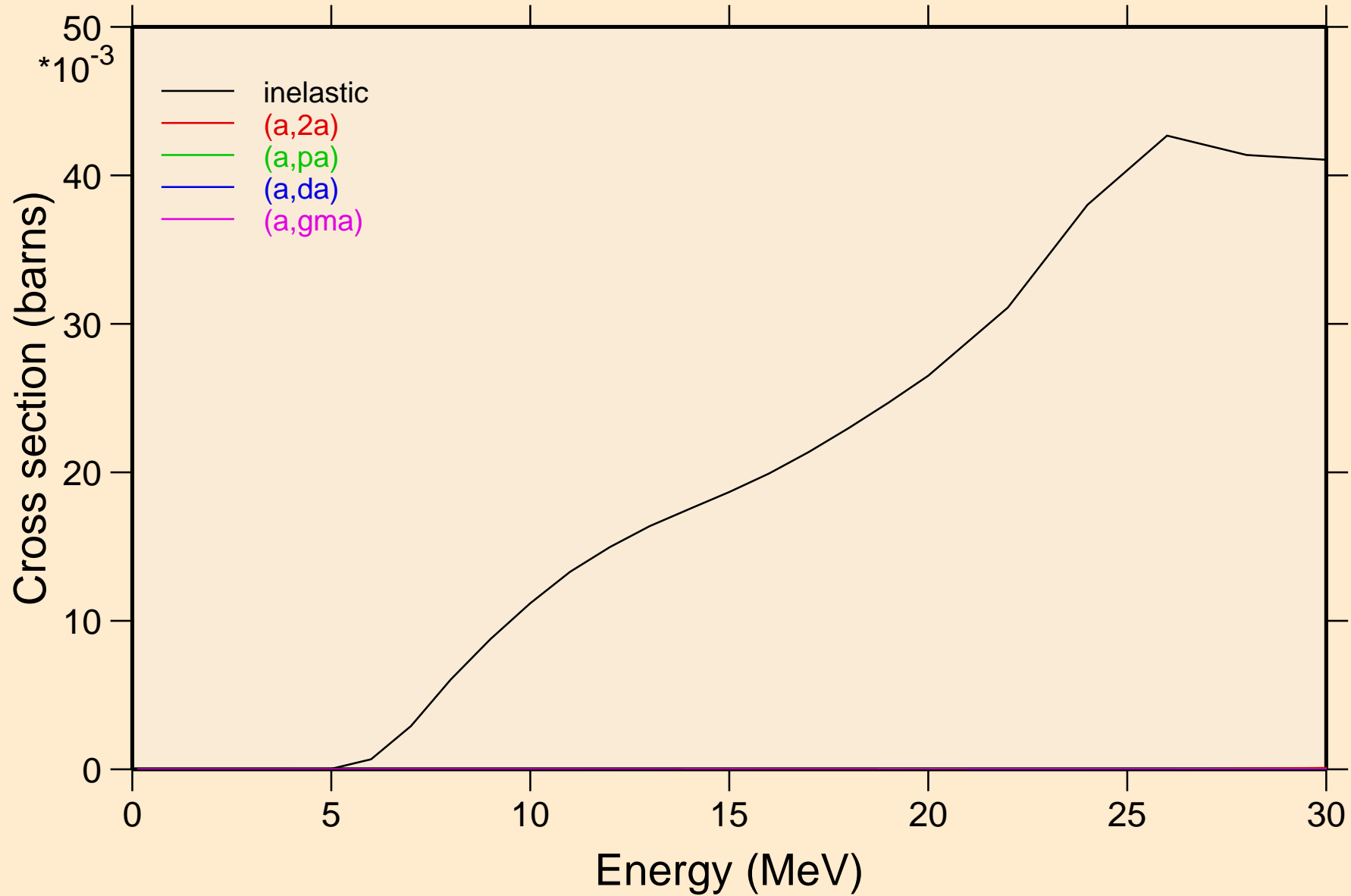
SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



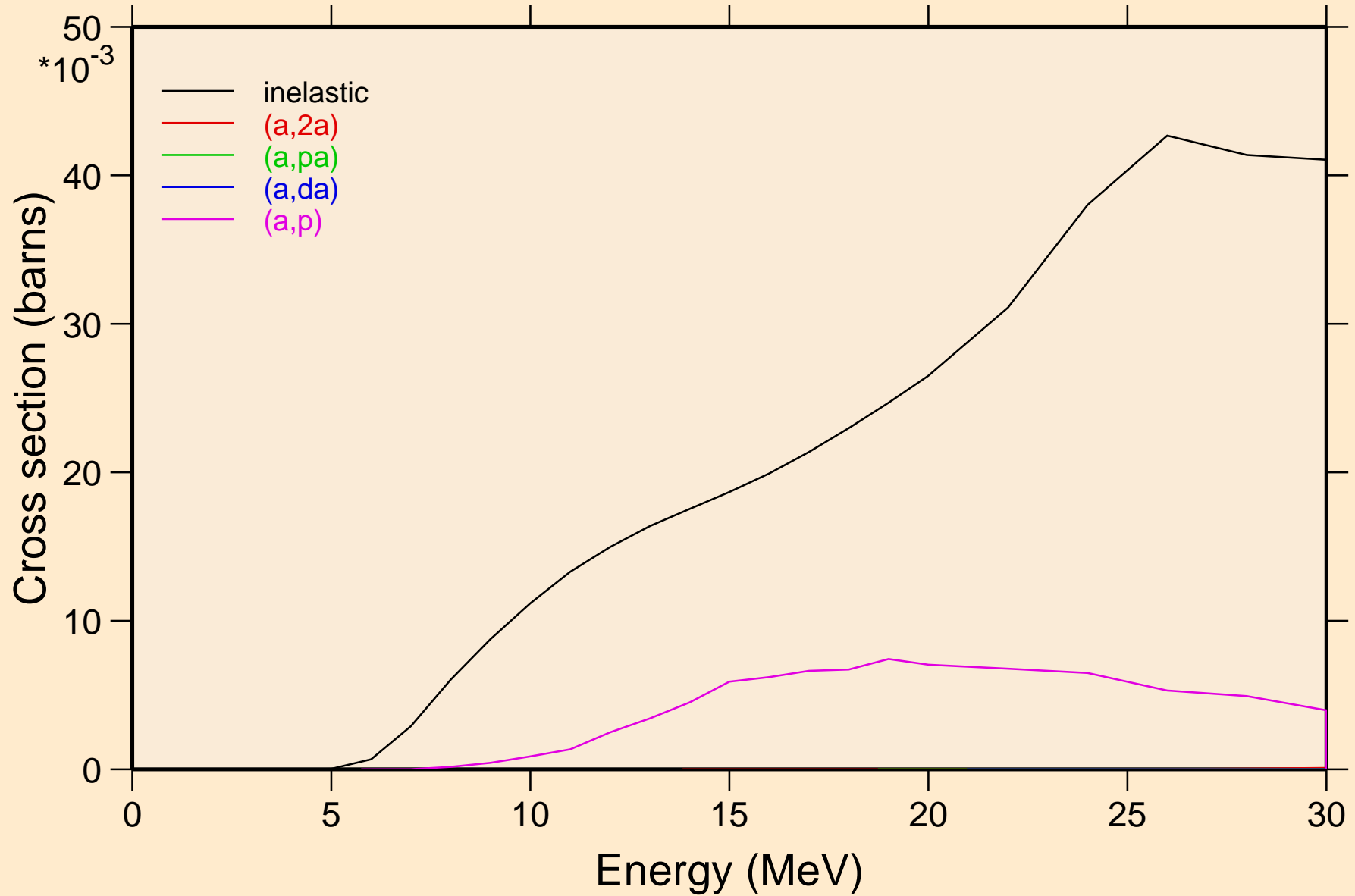
SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



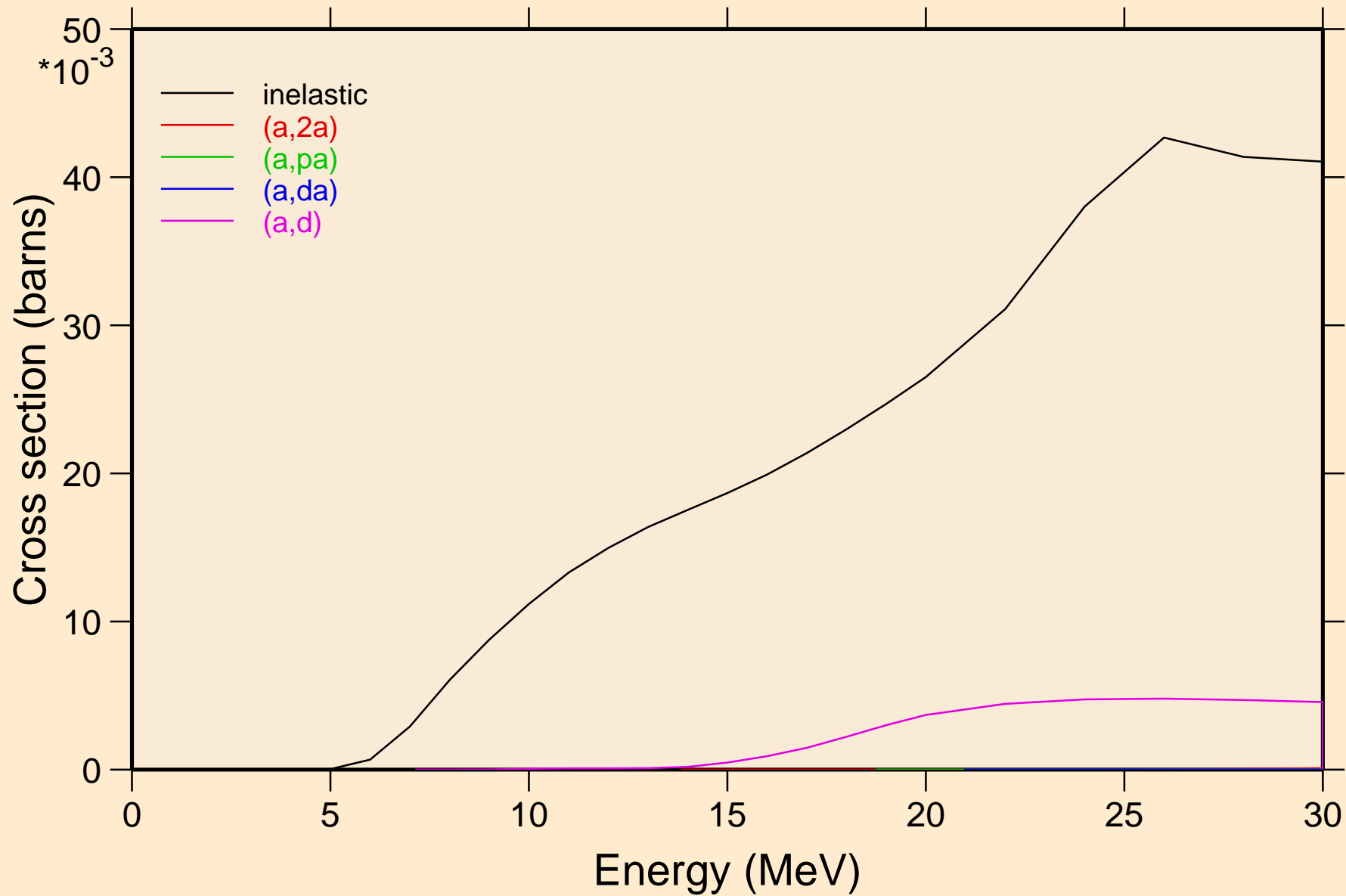
SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

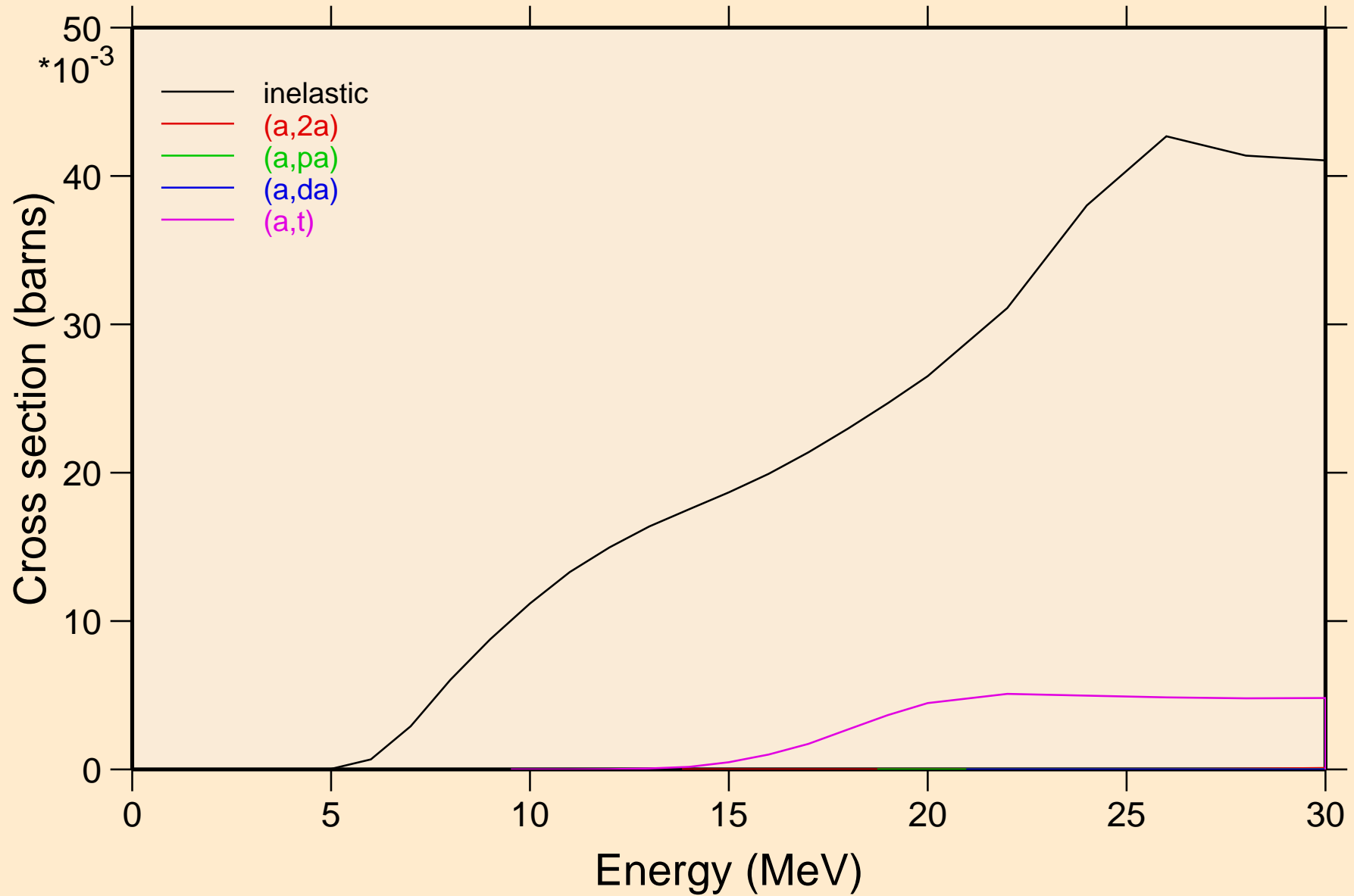


SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

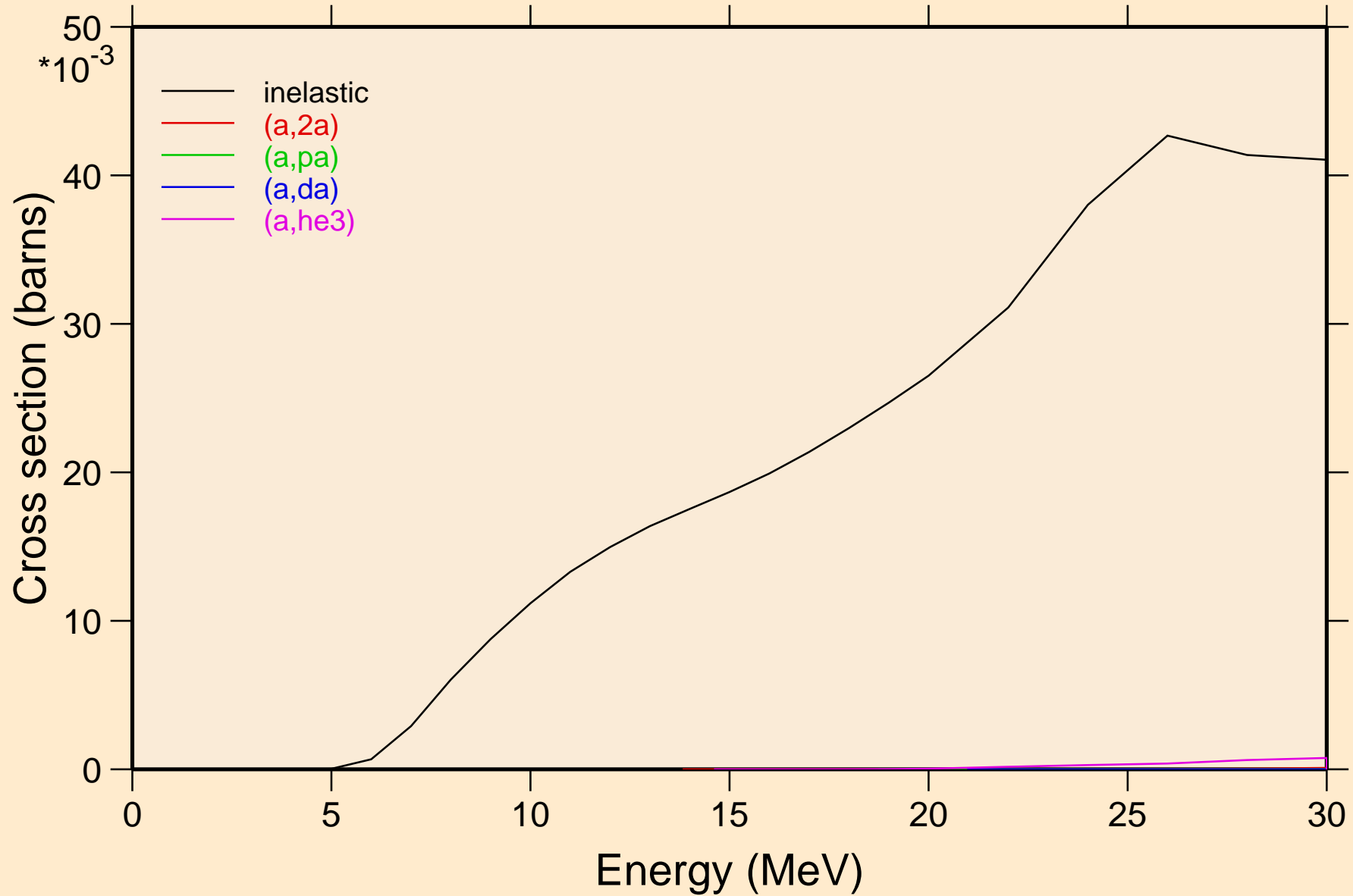




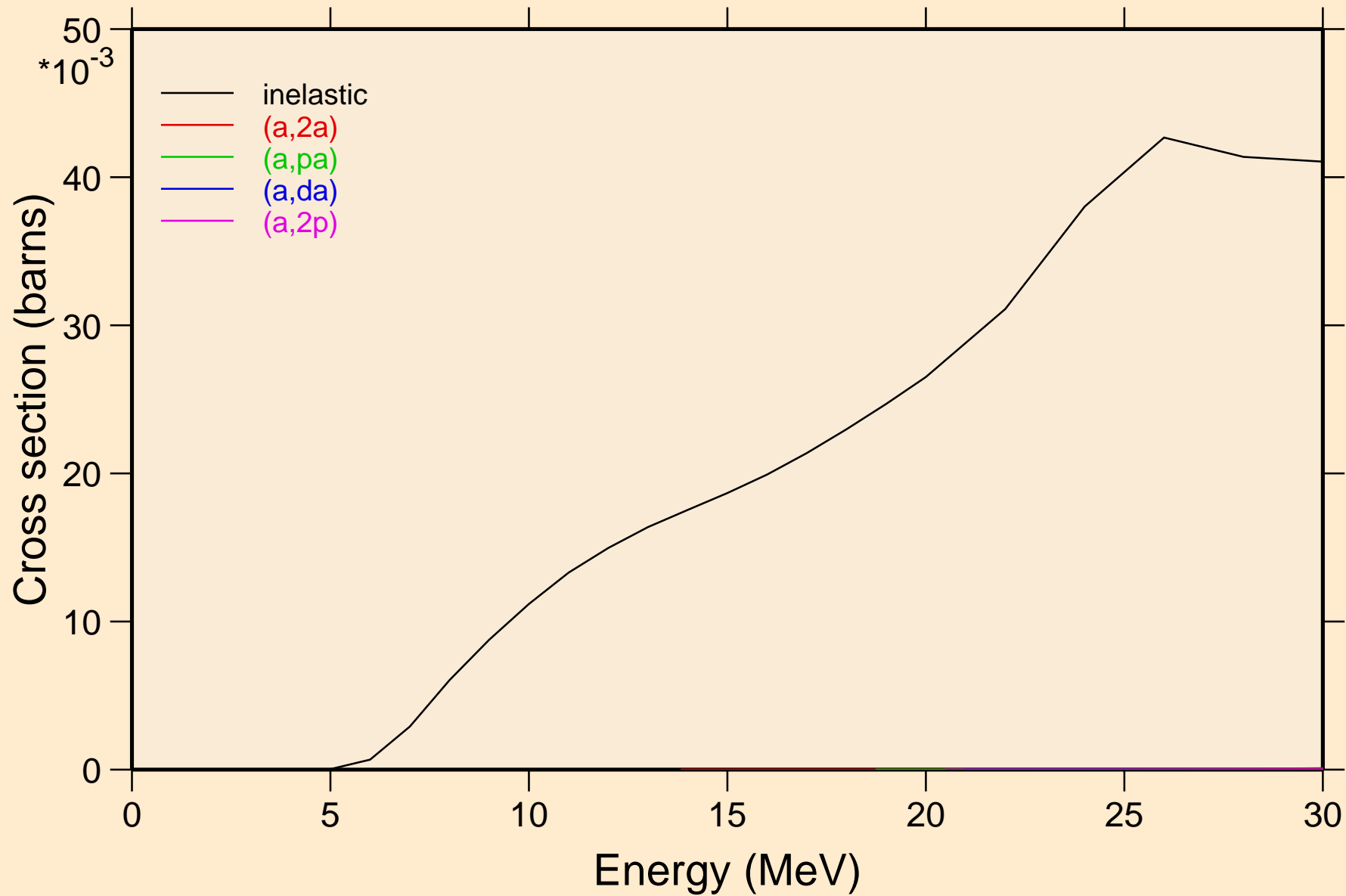
SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



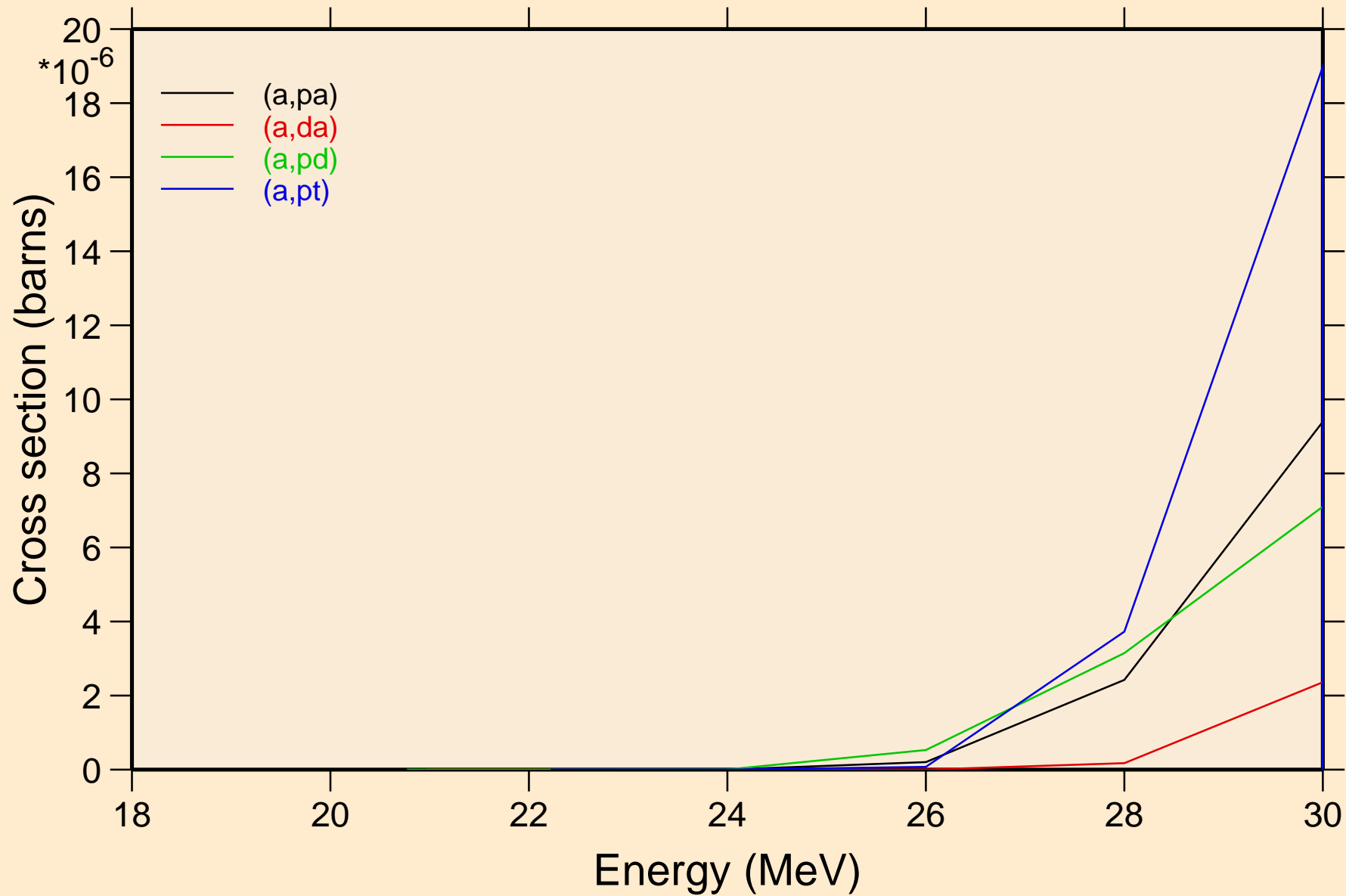
SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



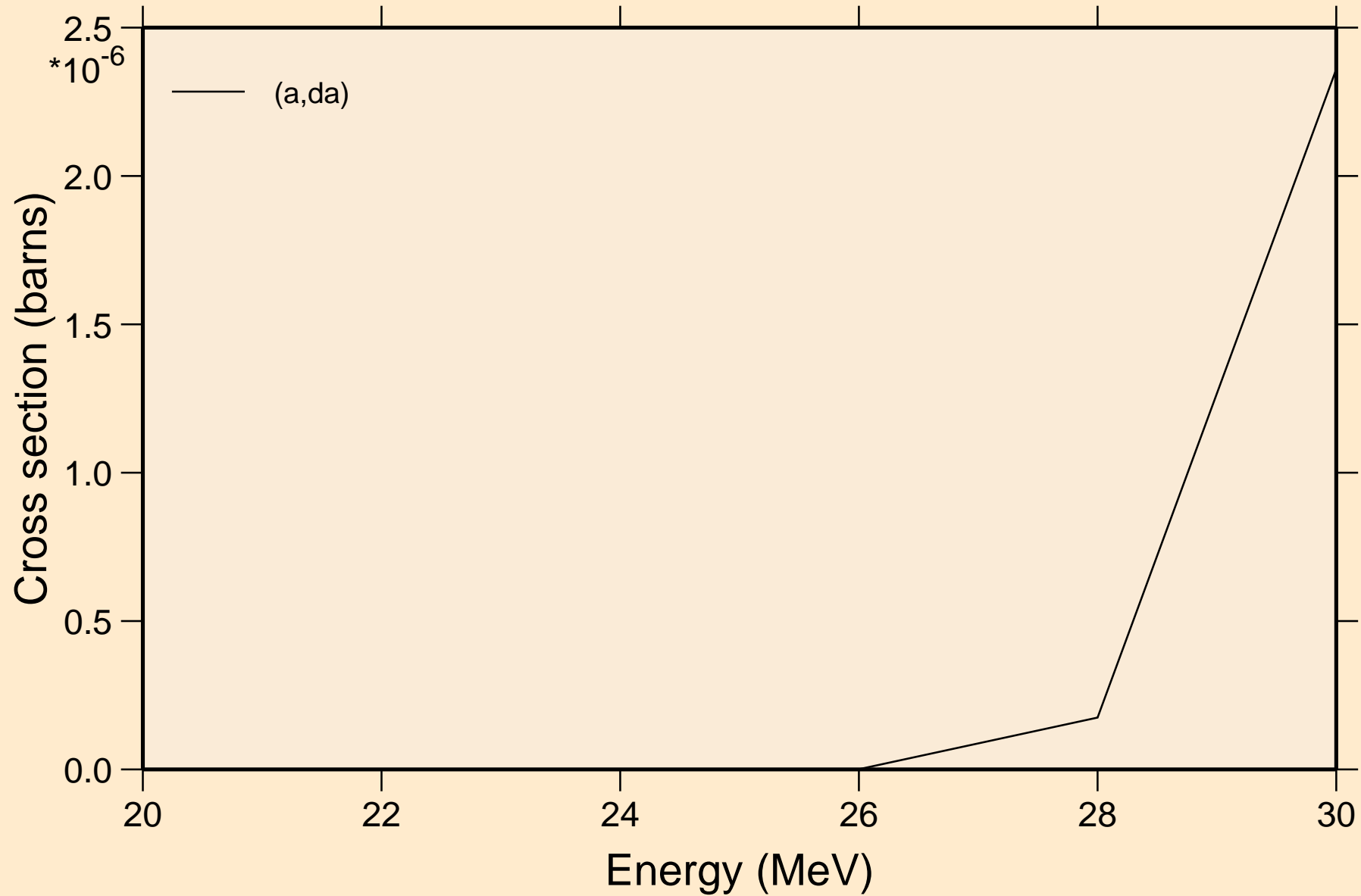
SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



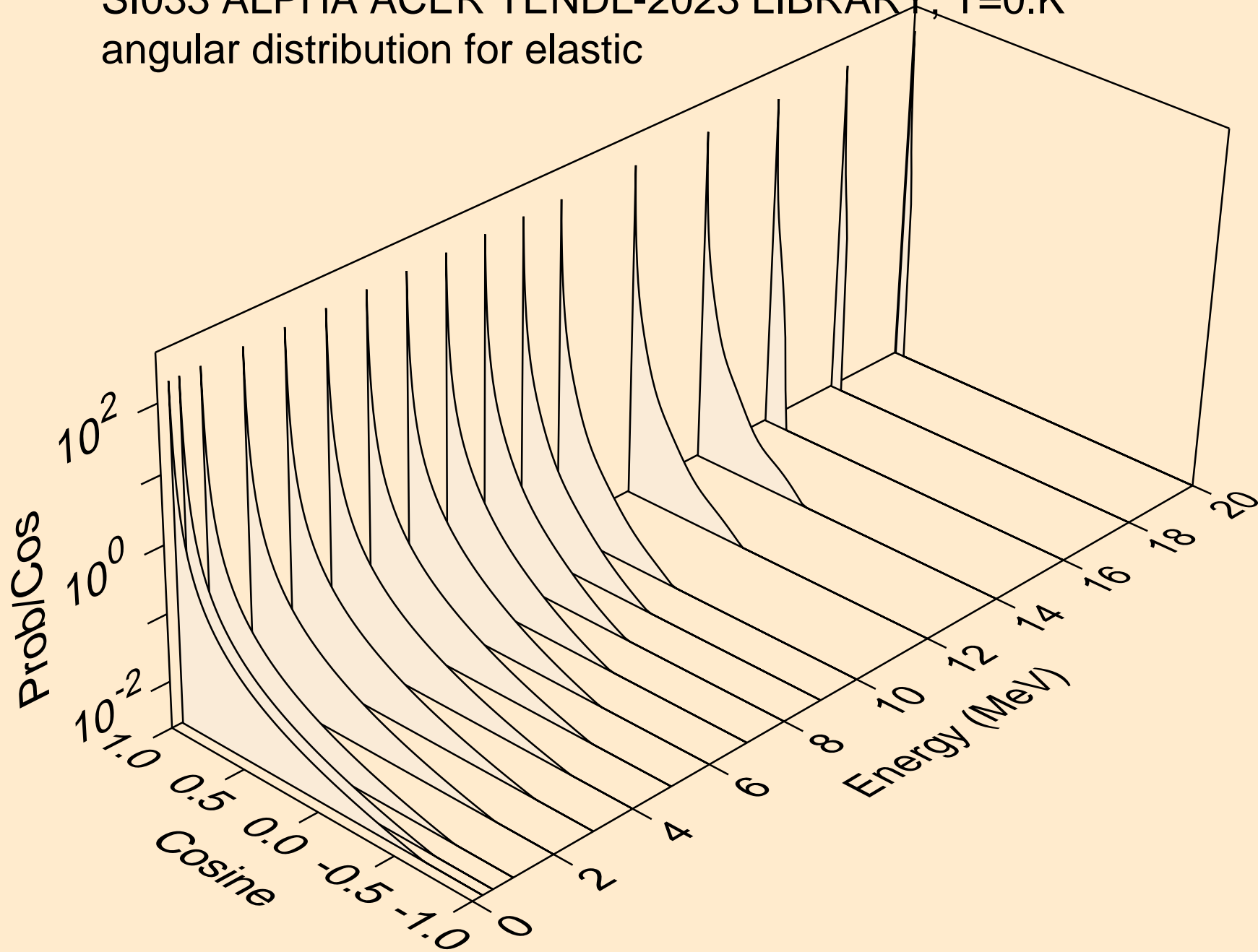
SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



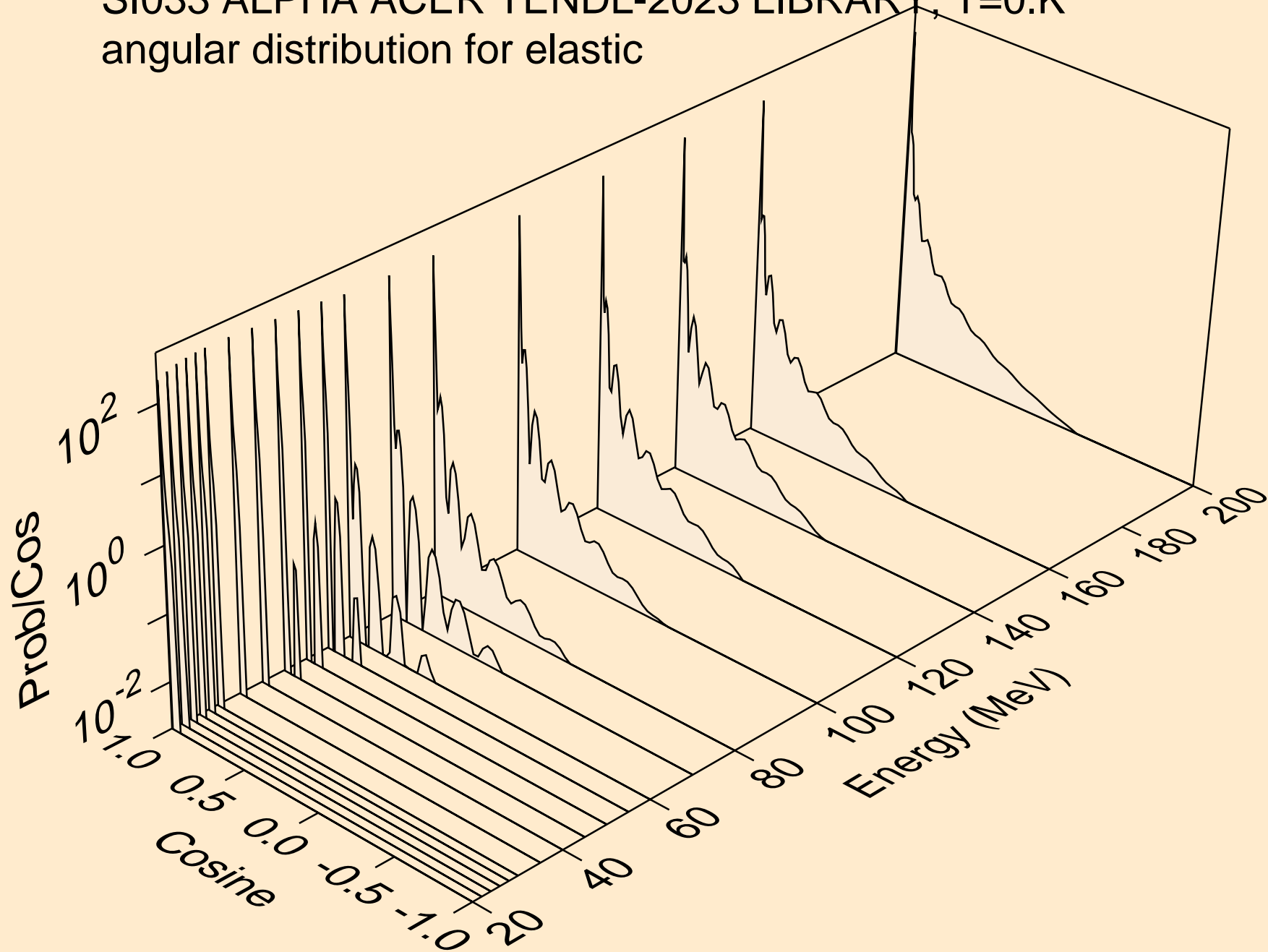
SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



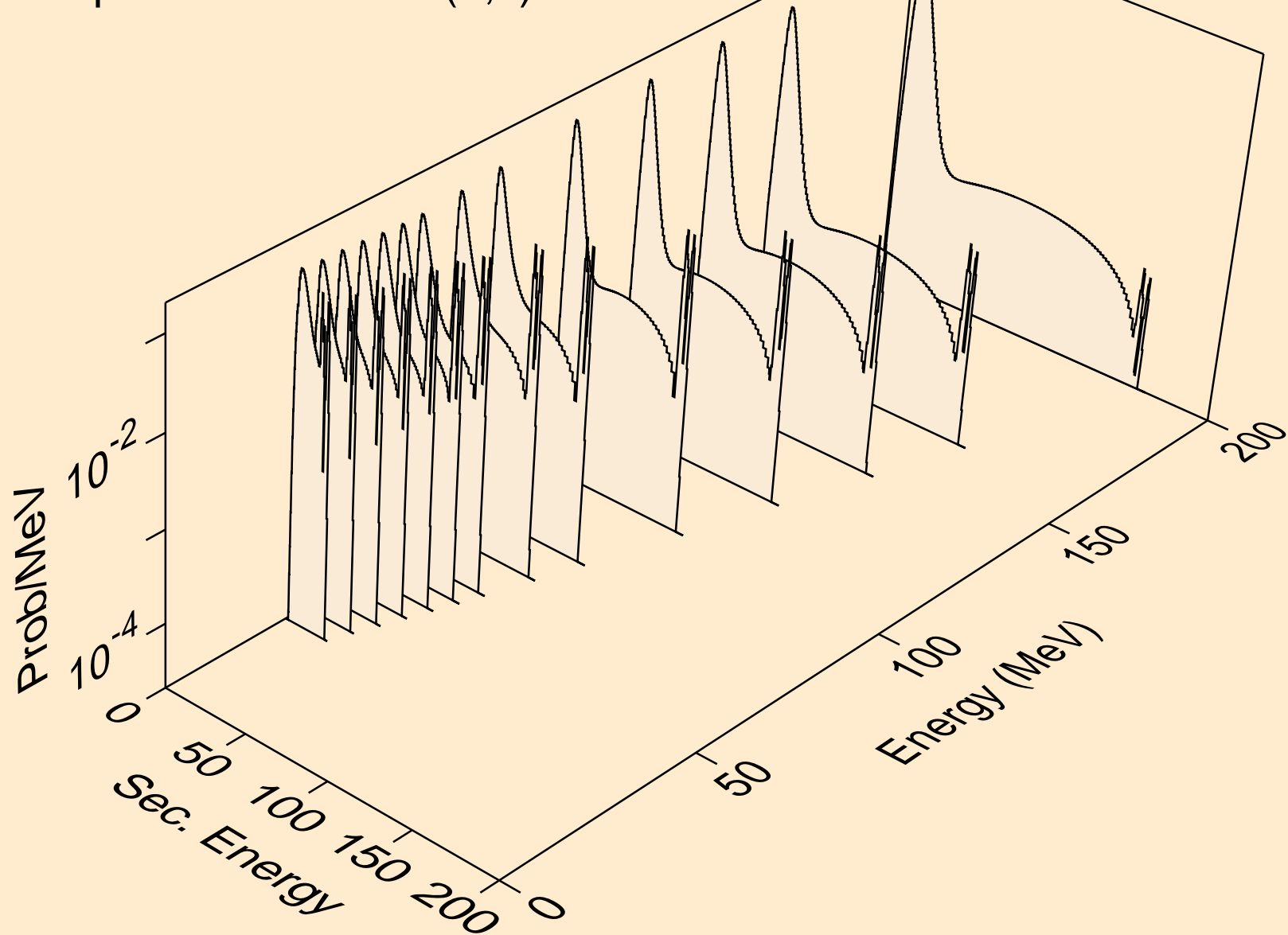
SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

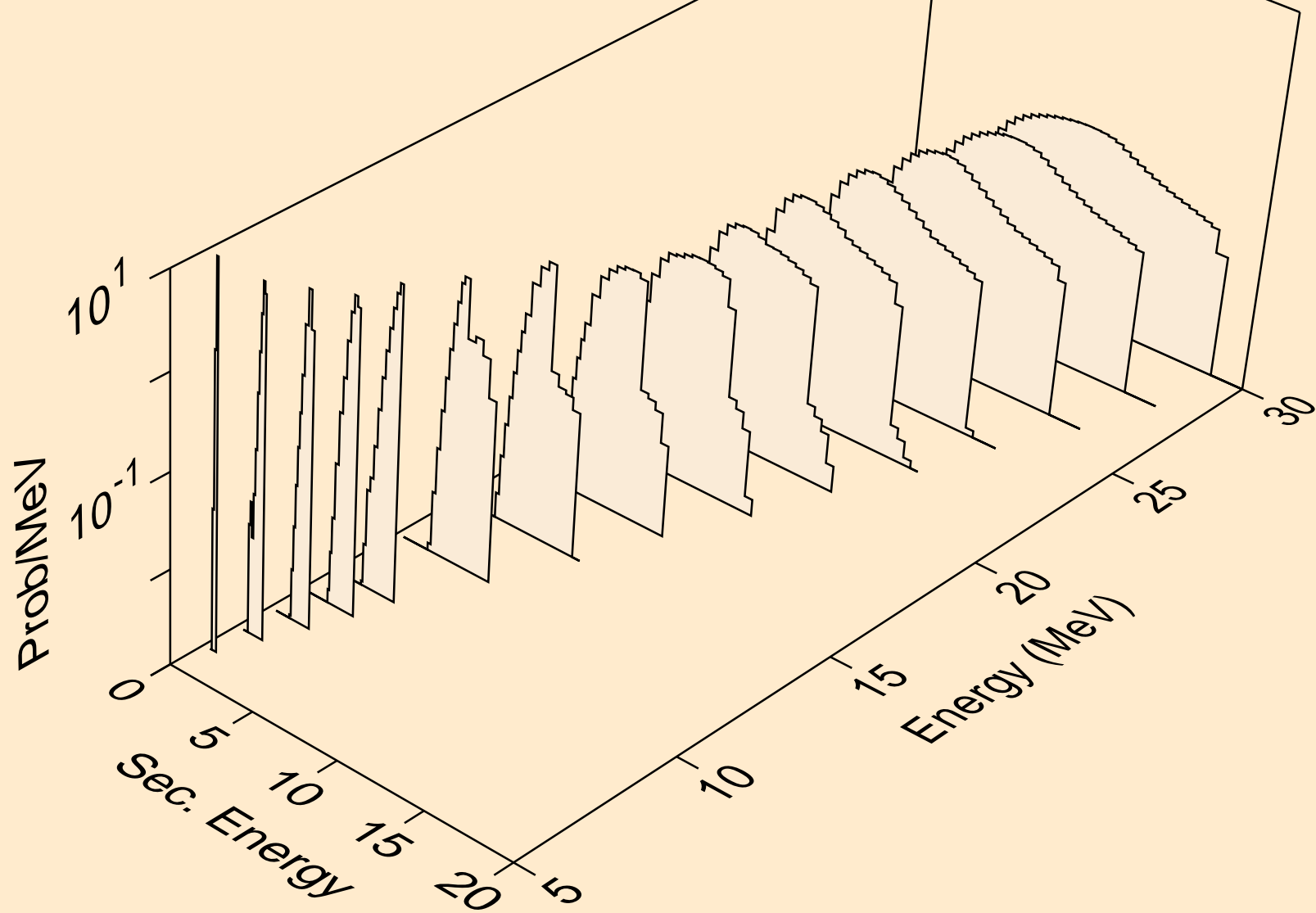


SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,x)

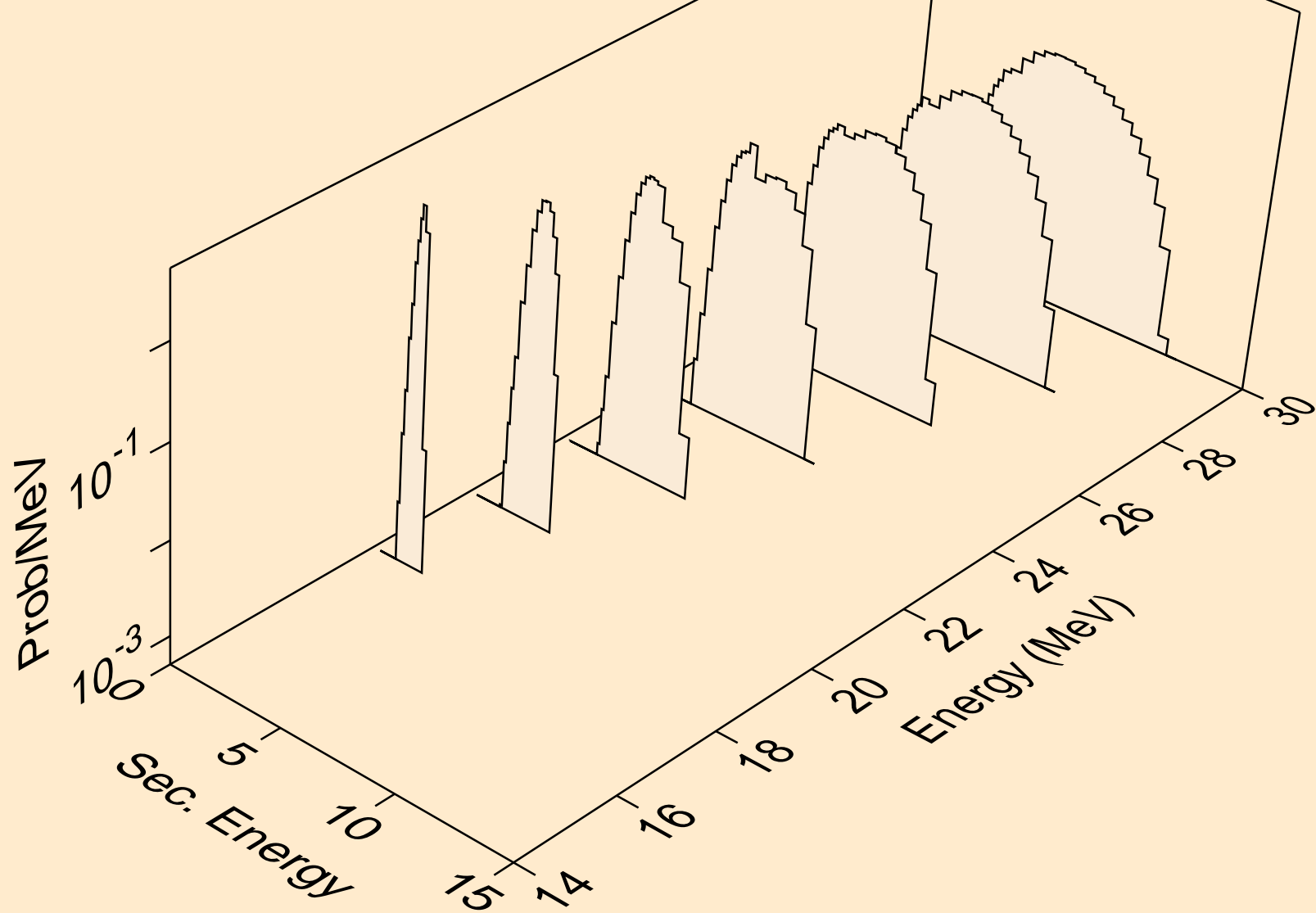




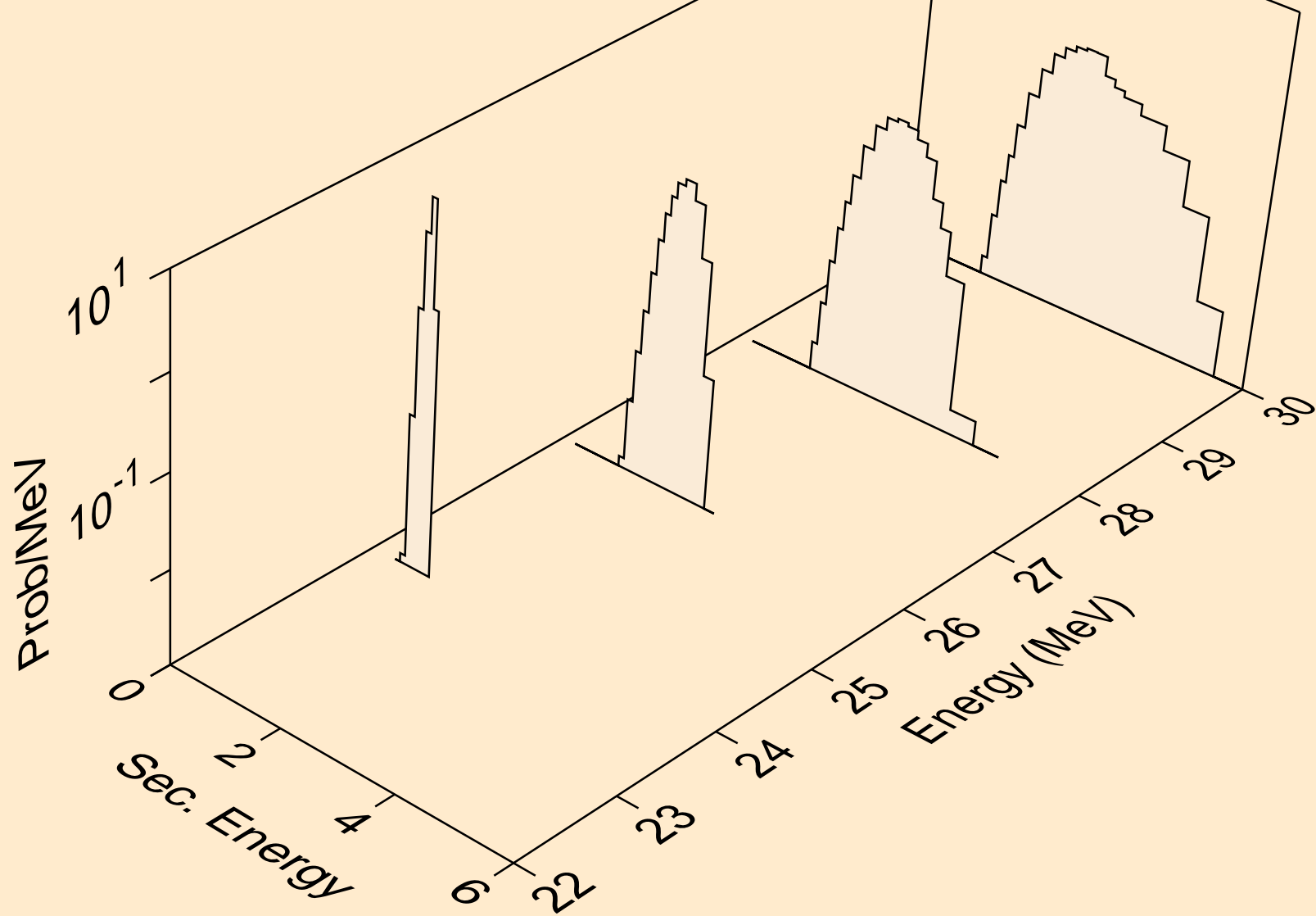
SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



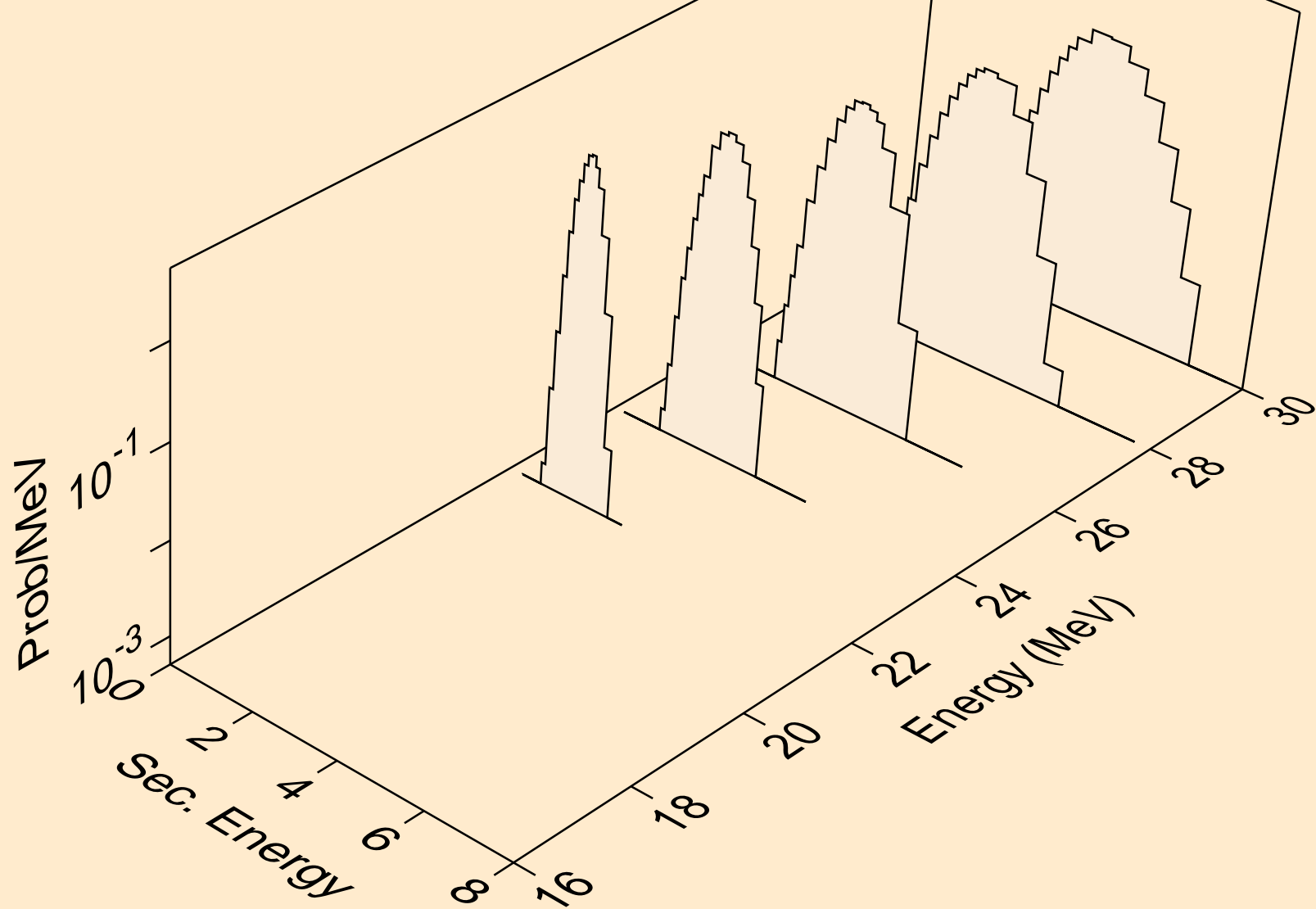
SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



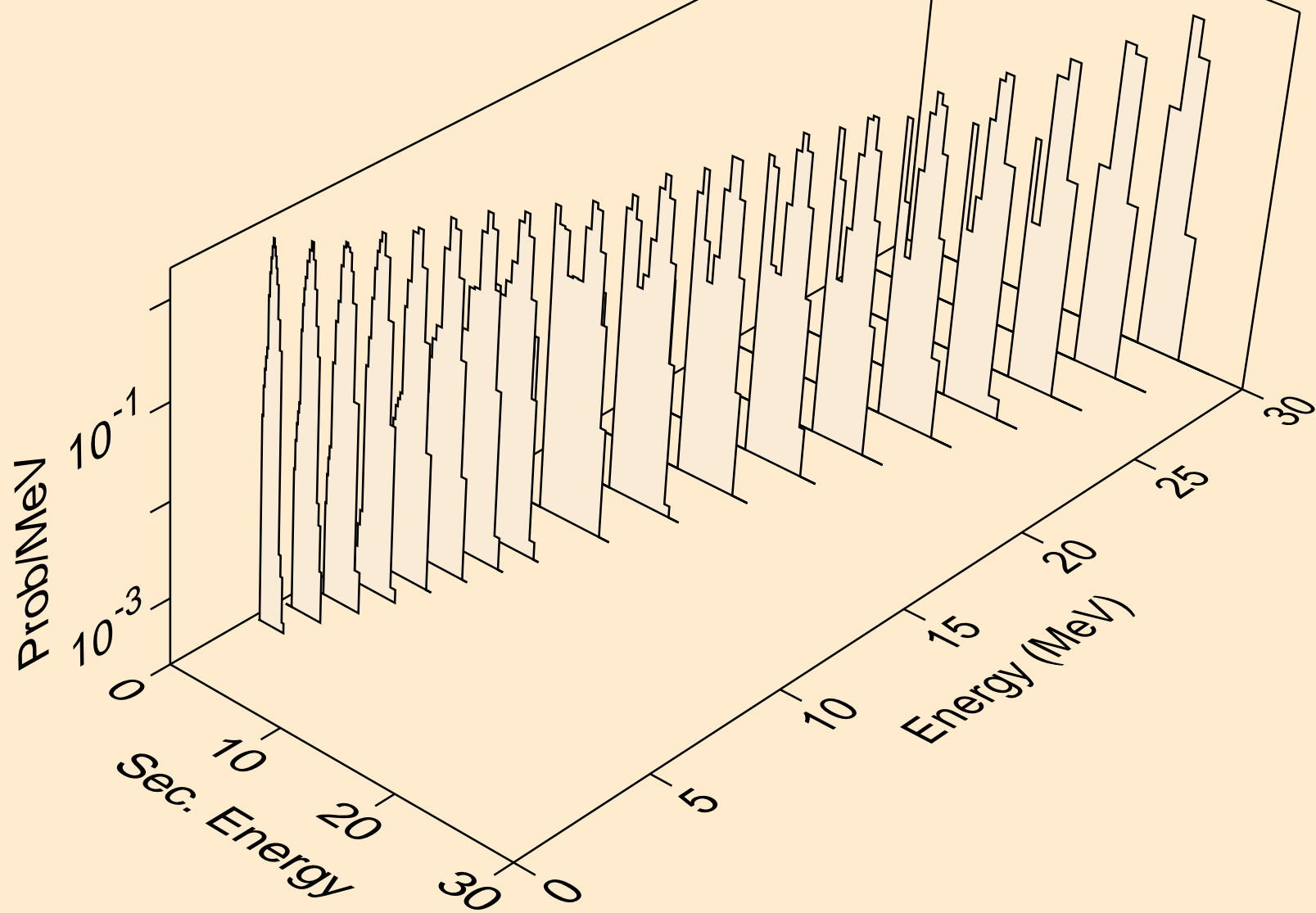
SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,3n)a



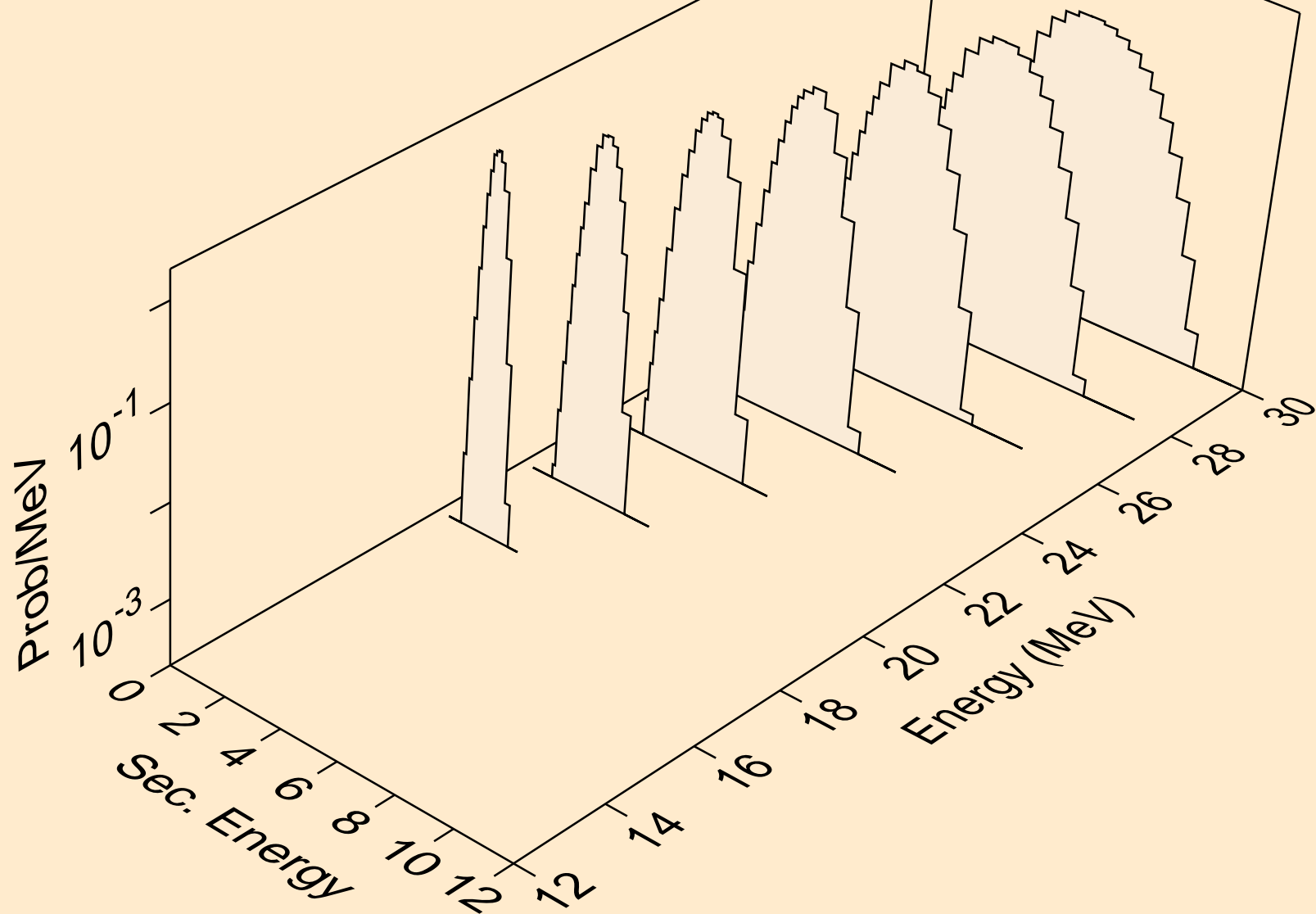
SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)2a



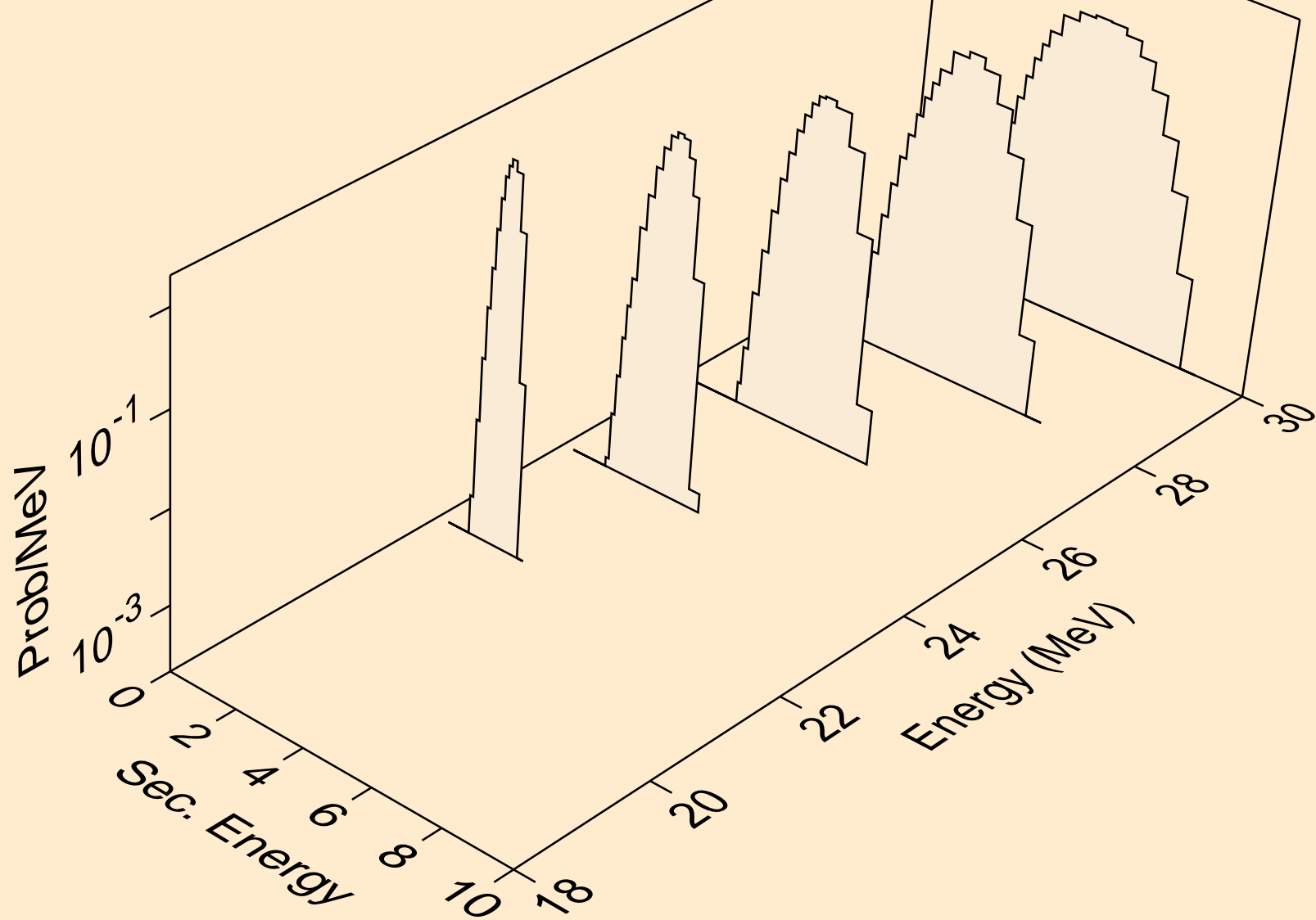
SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic



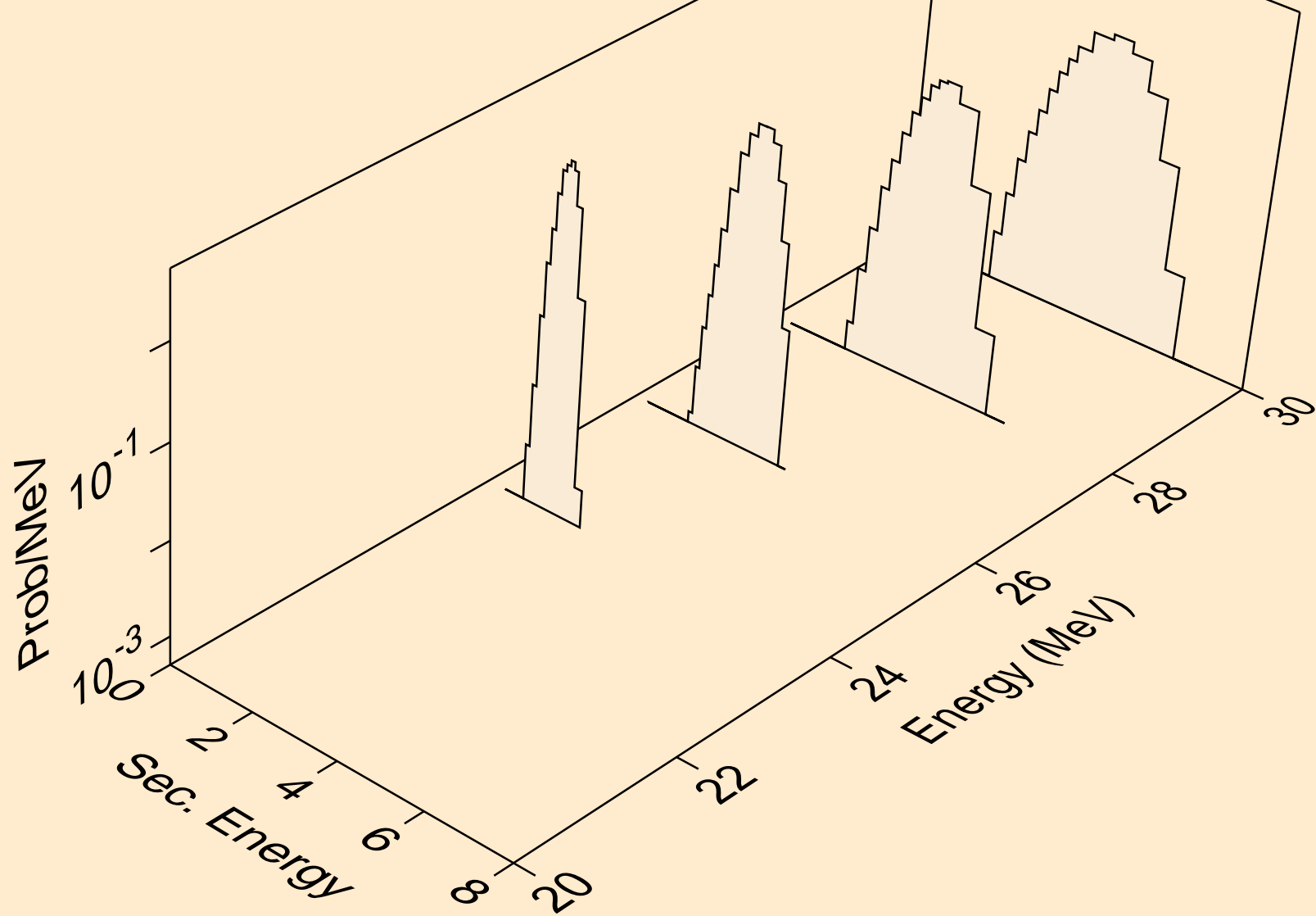
SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2a)



SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,pa)

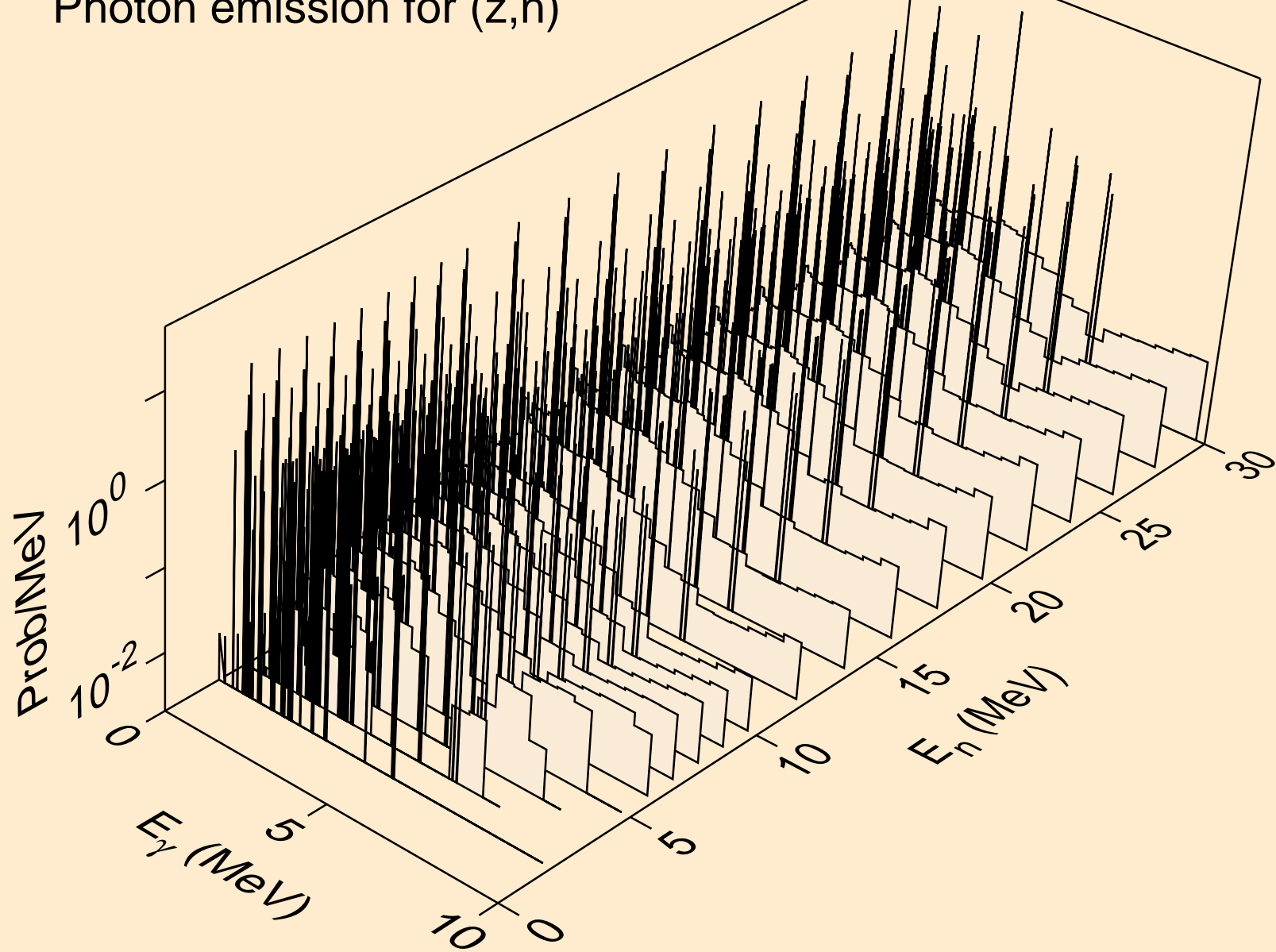


SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,da)

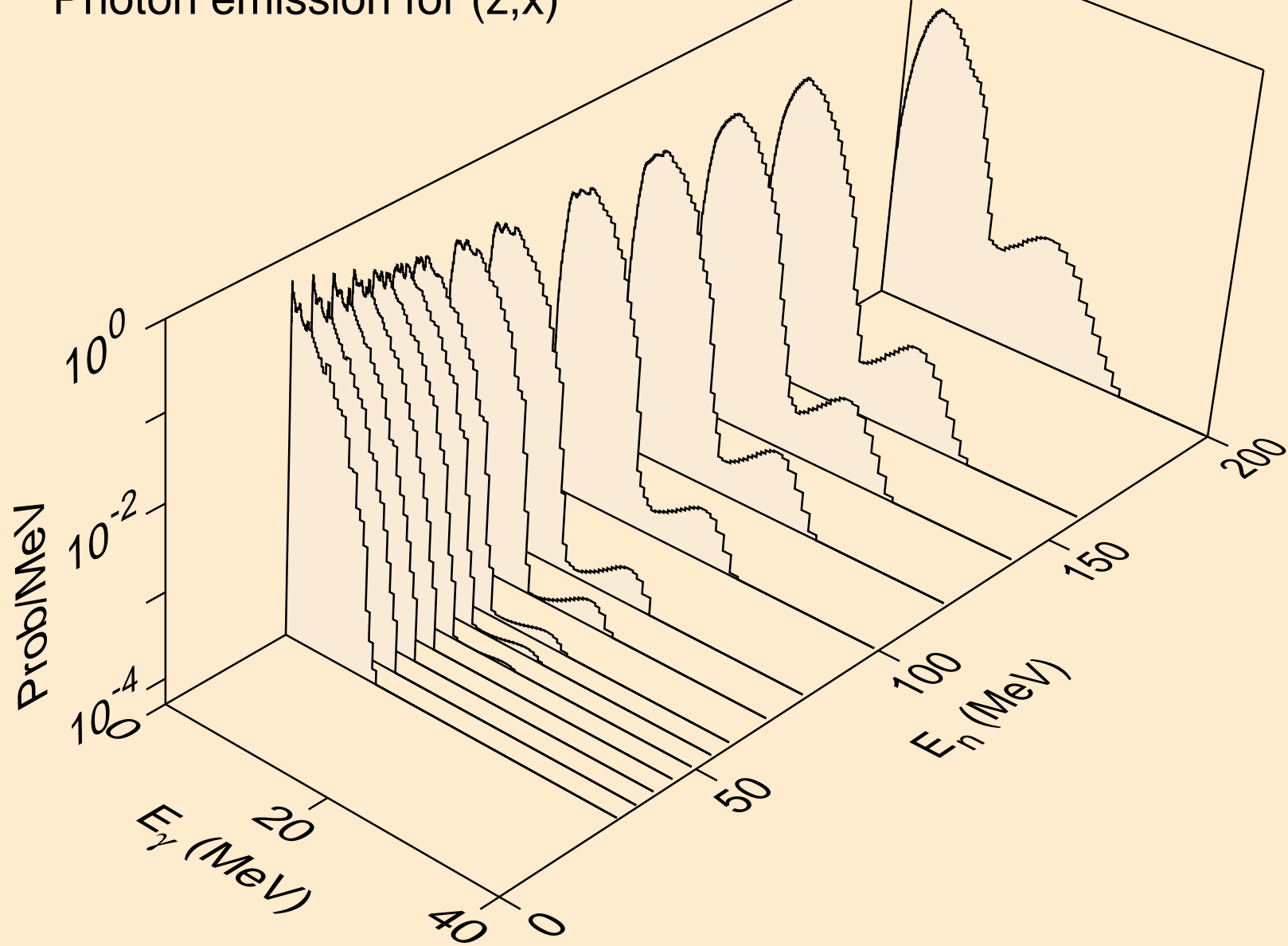




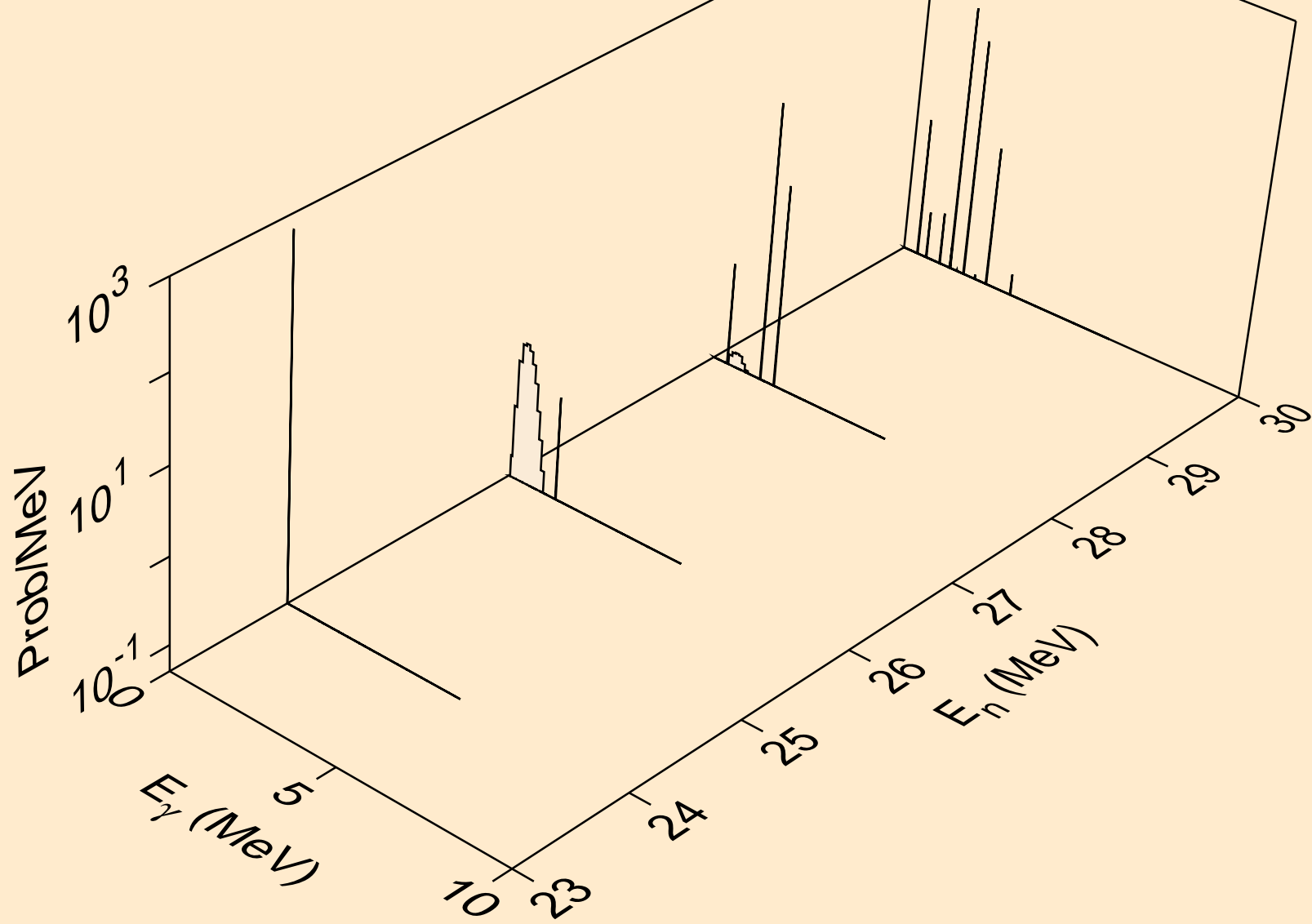
SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



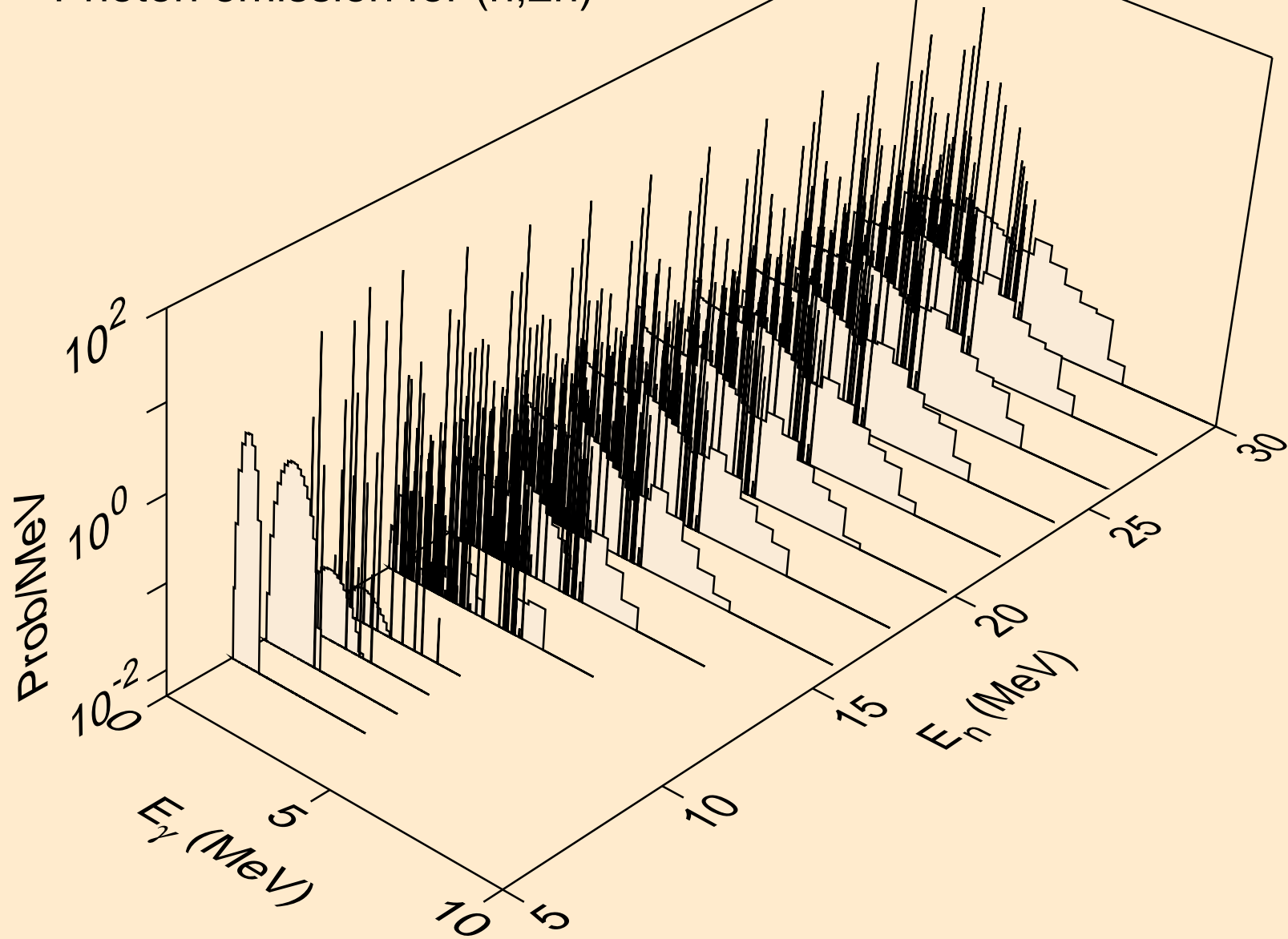
SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



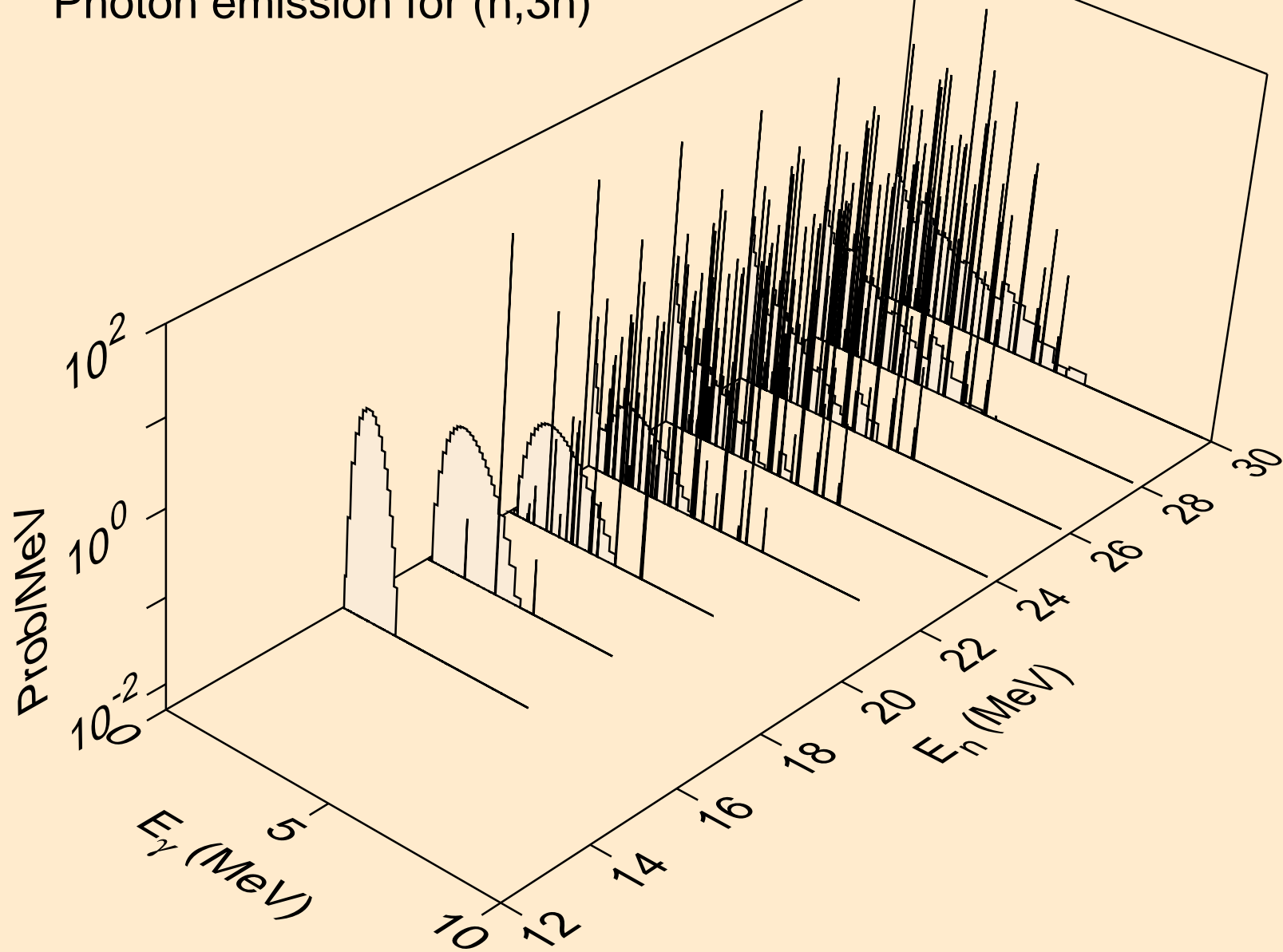
SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



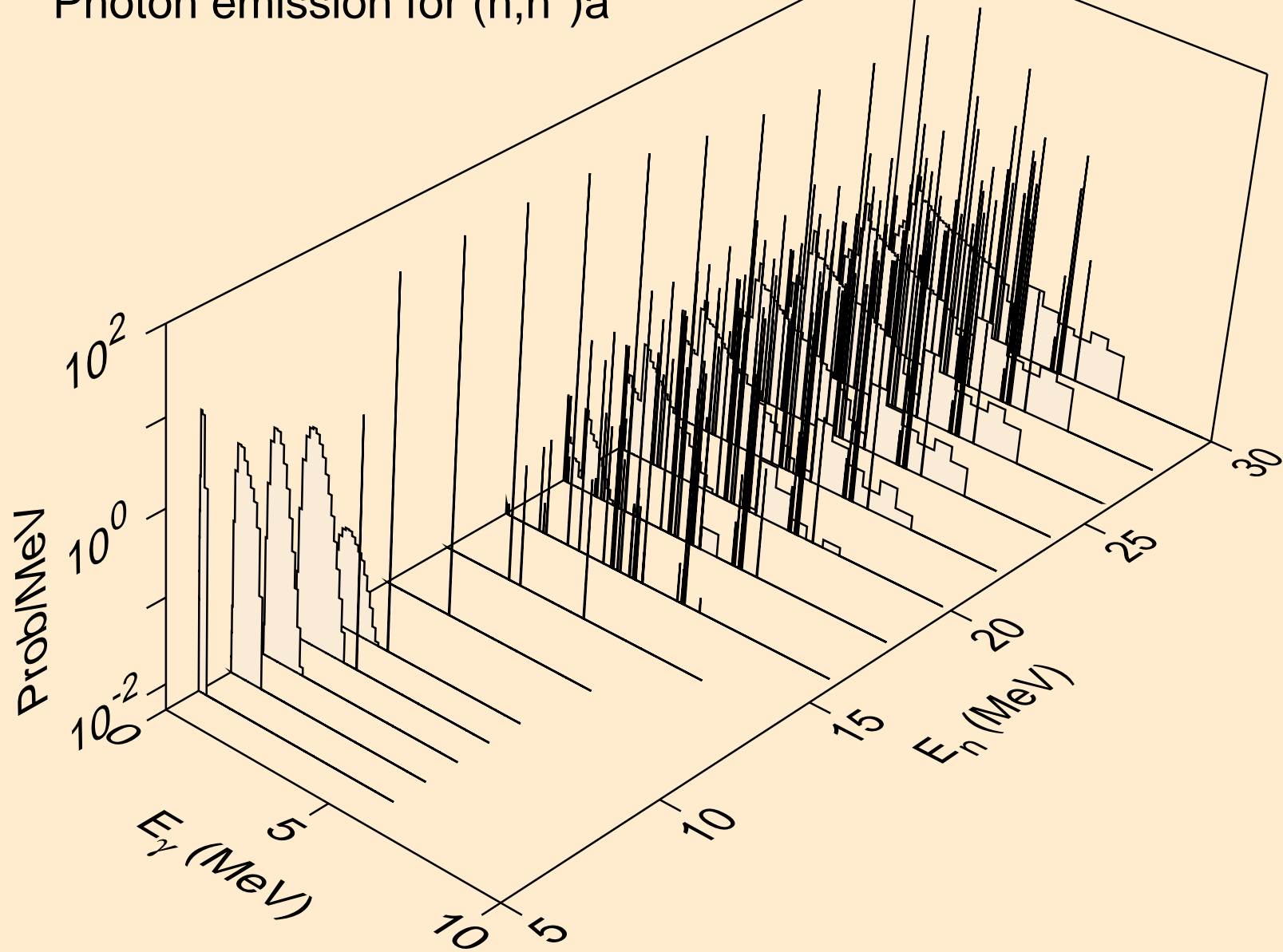
SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



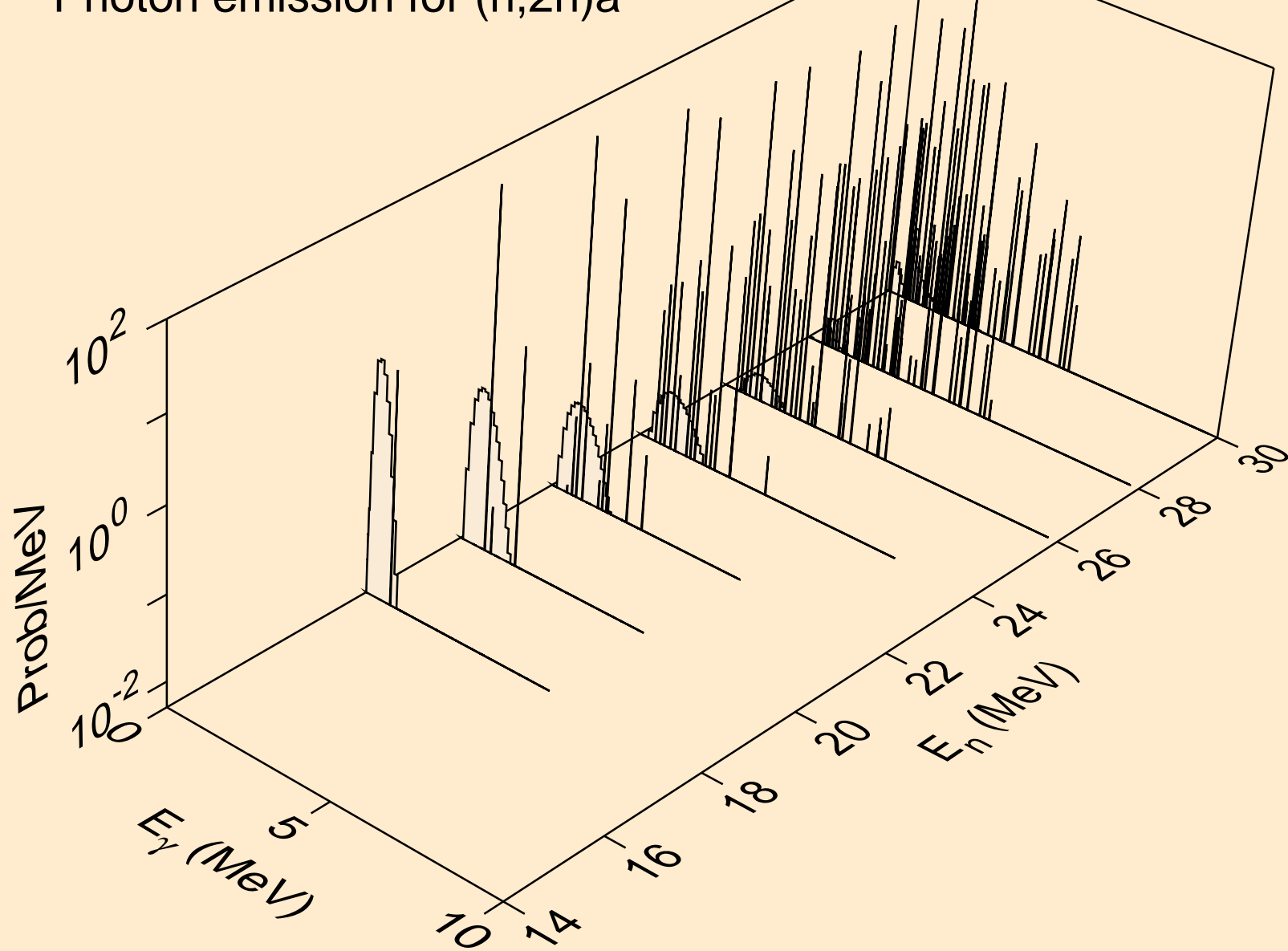
SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



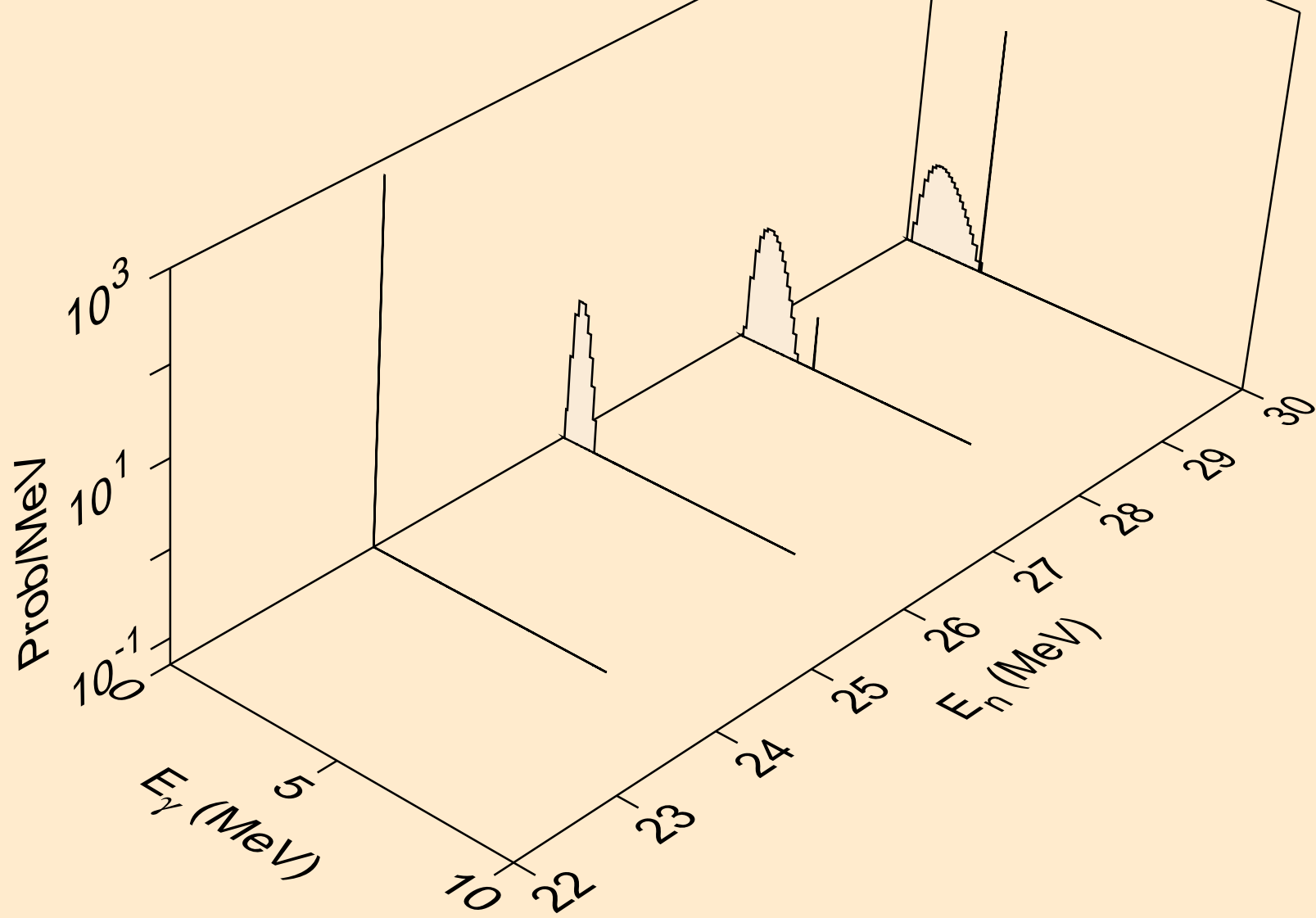
SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

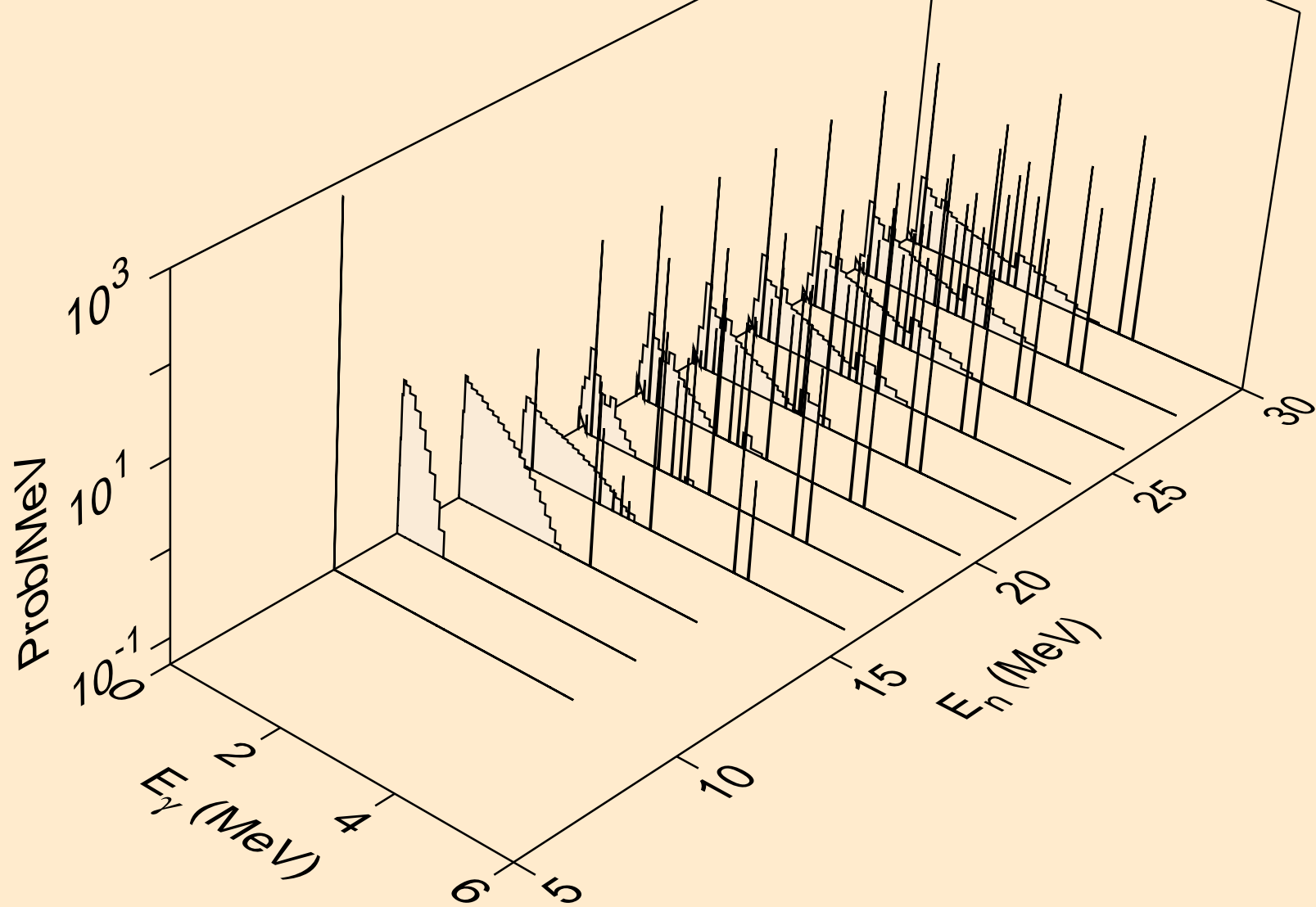


SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a

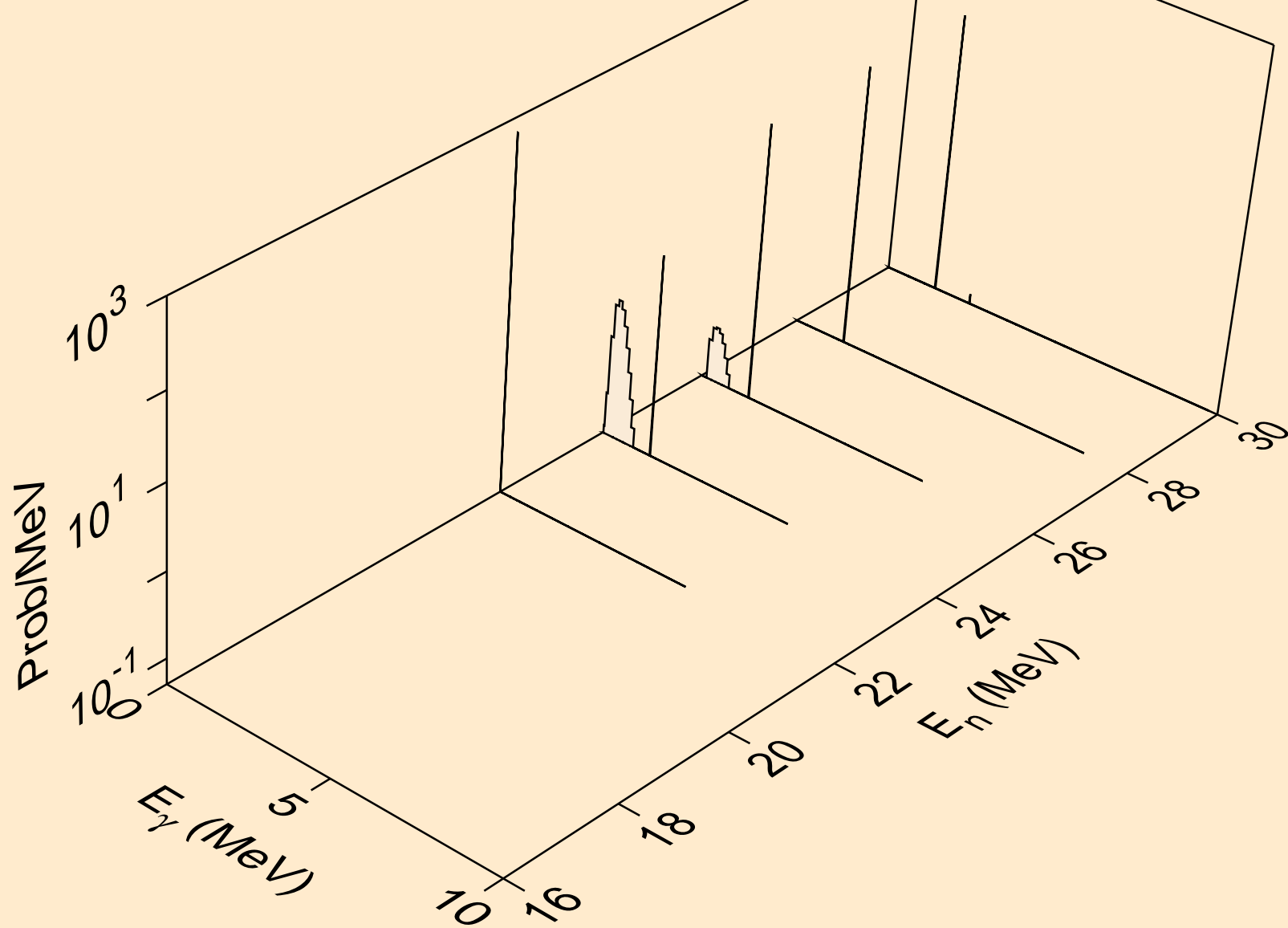




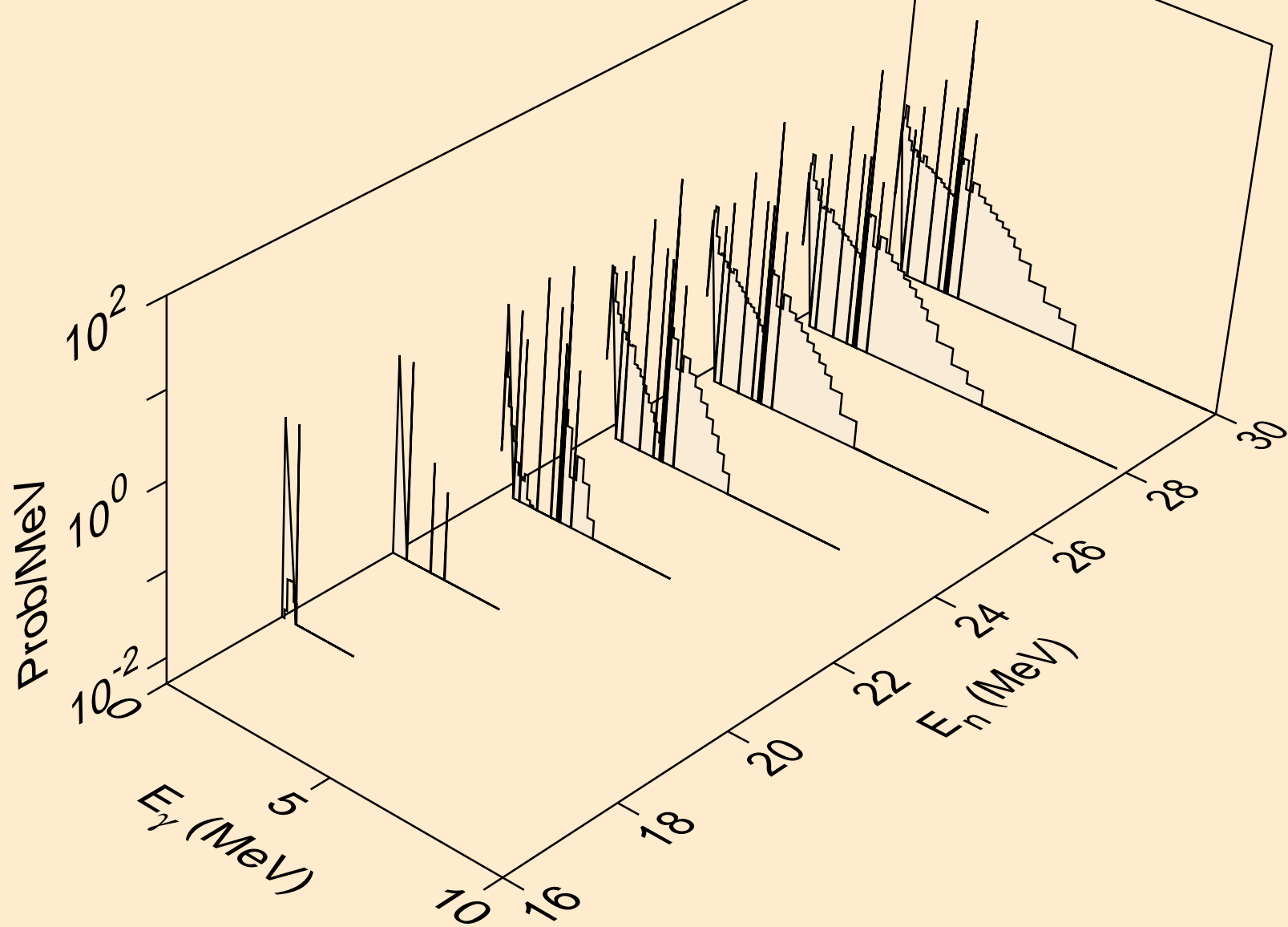
SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



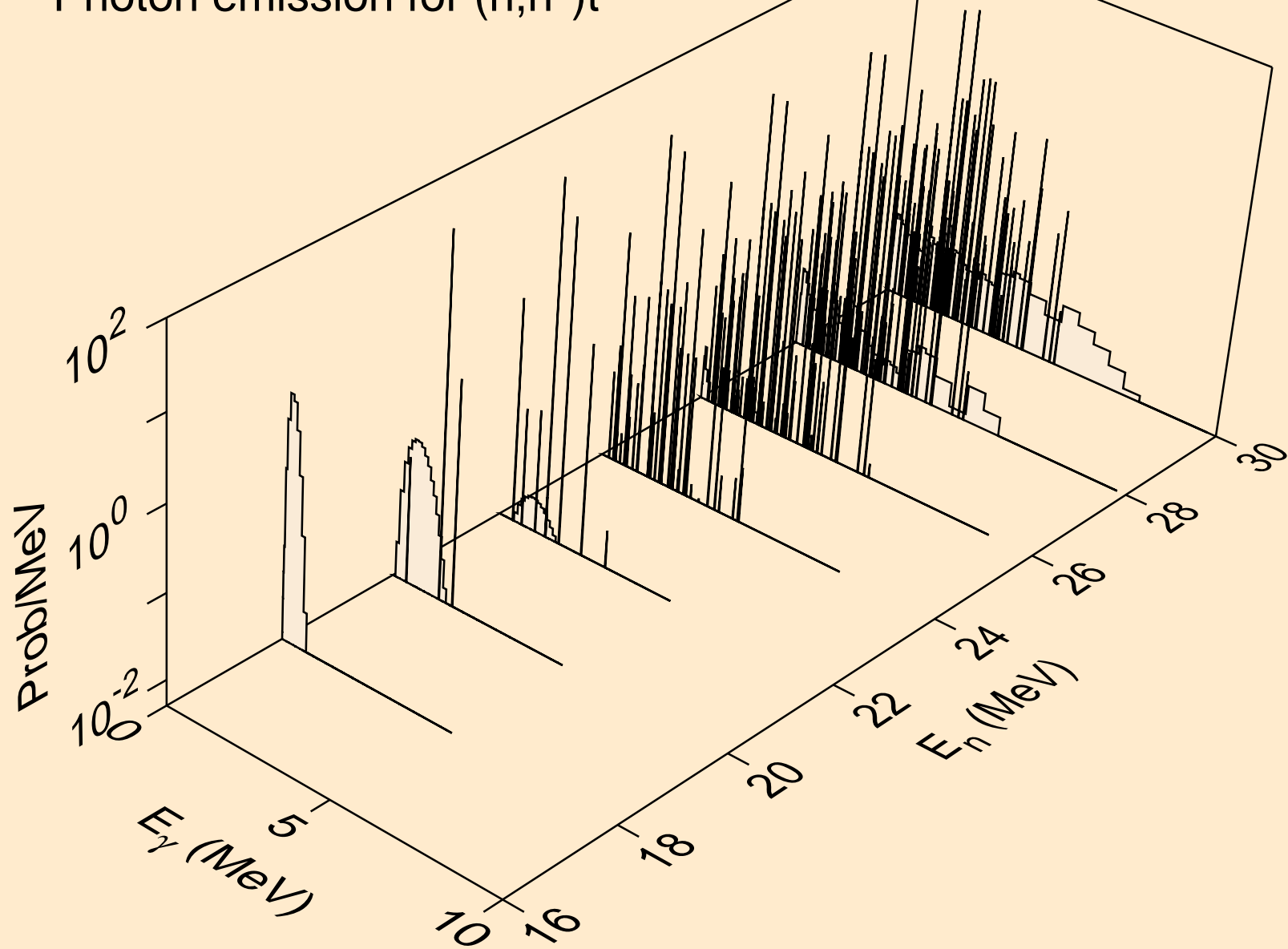
SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



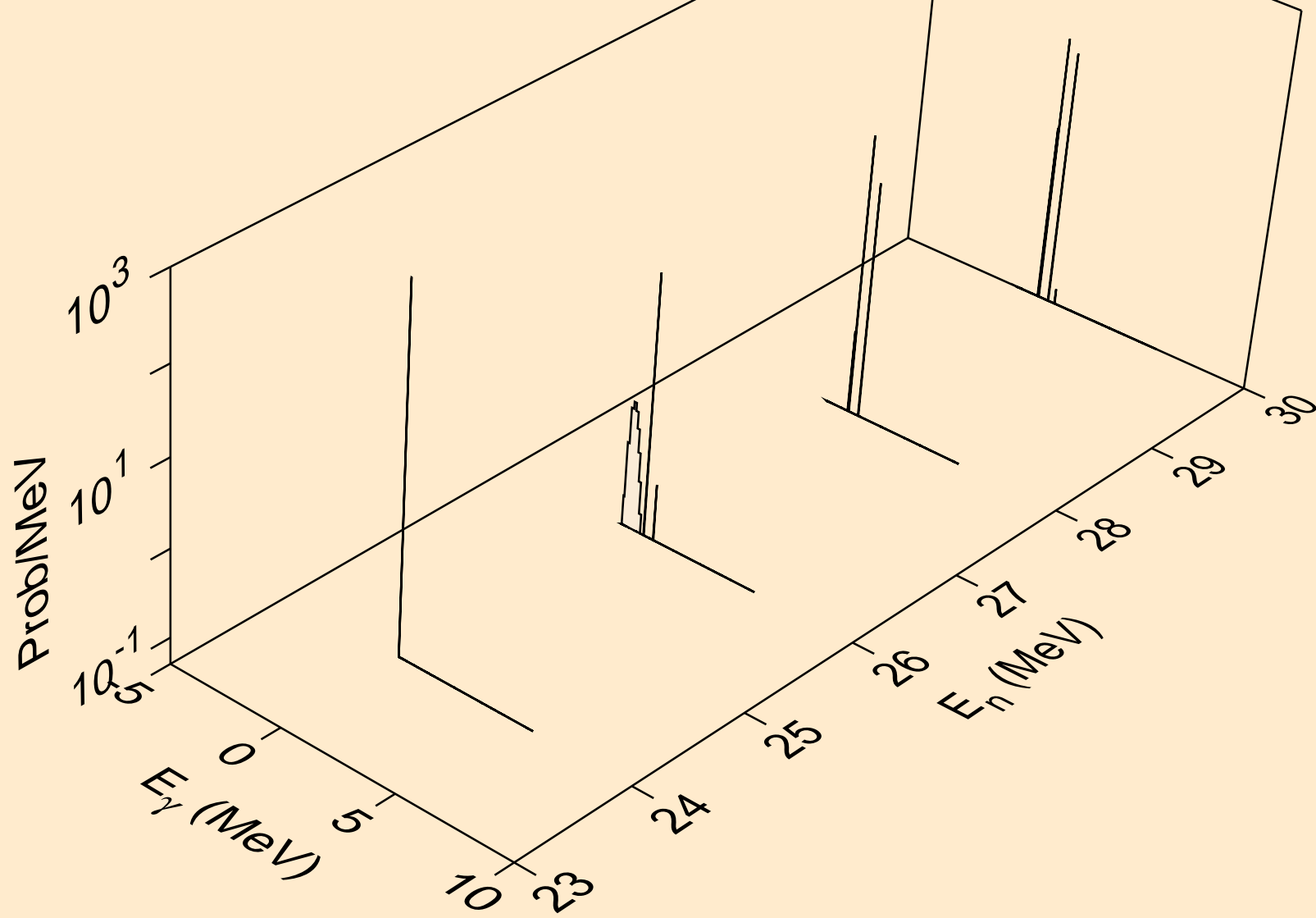
SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



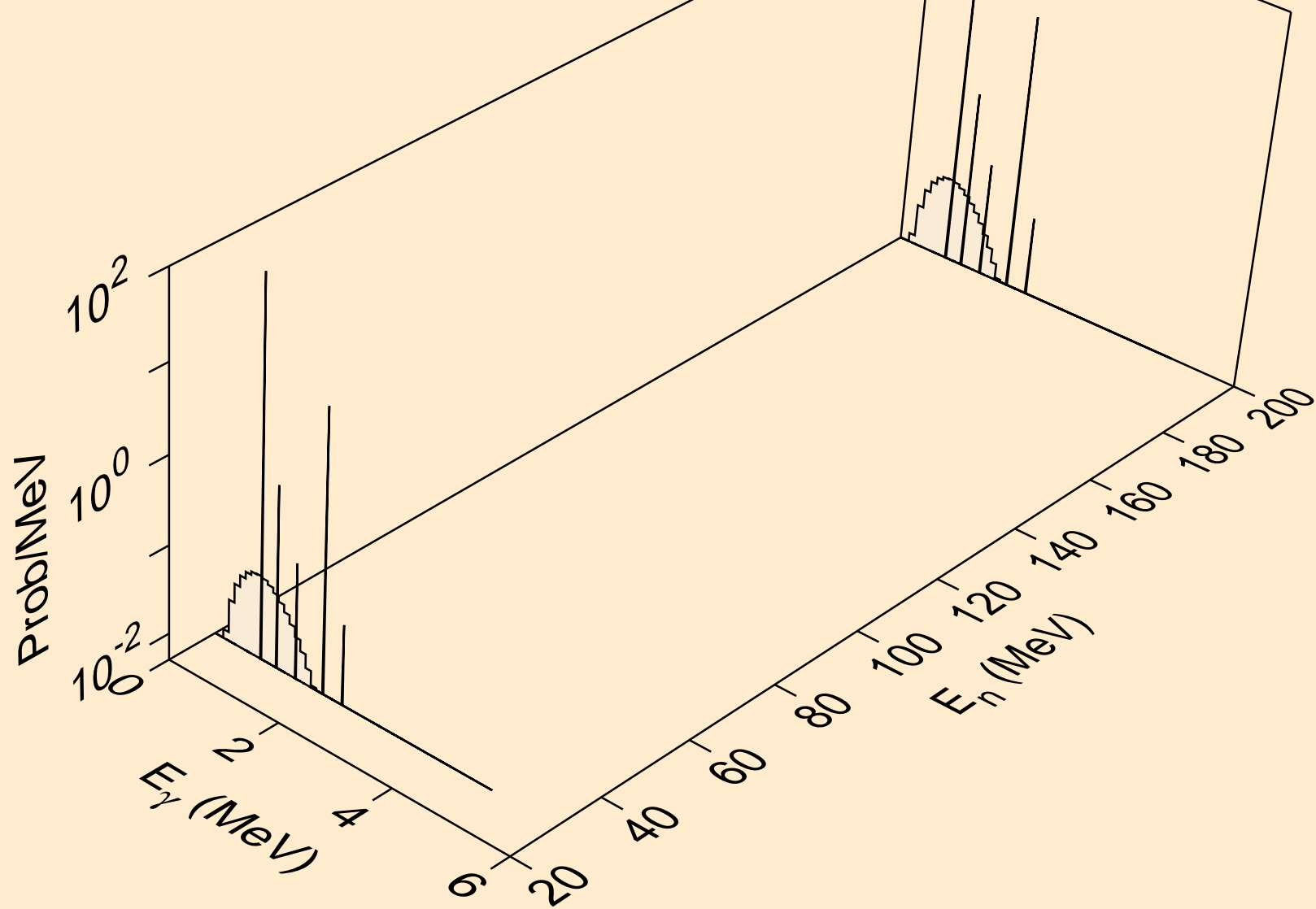
SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



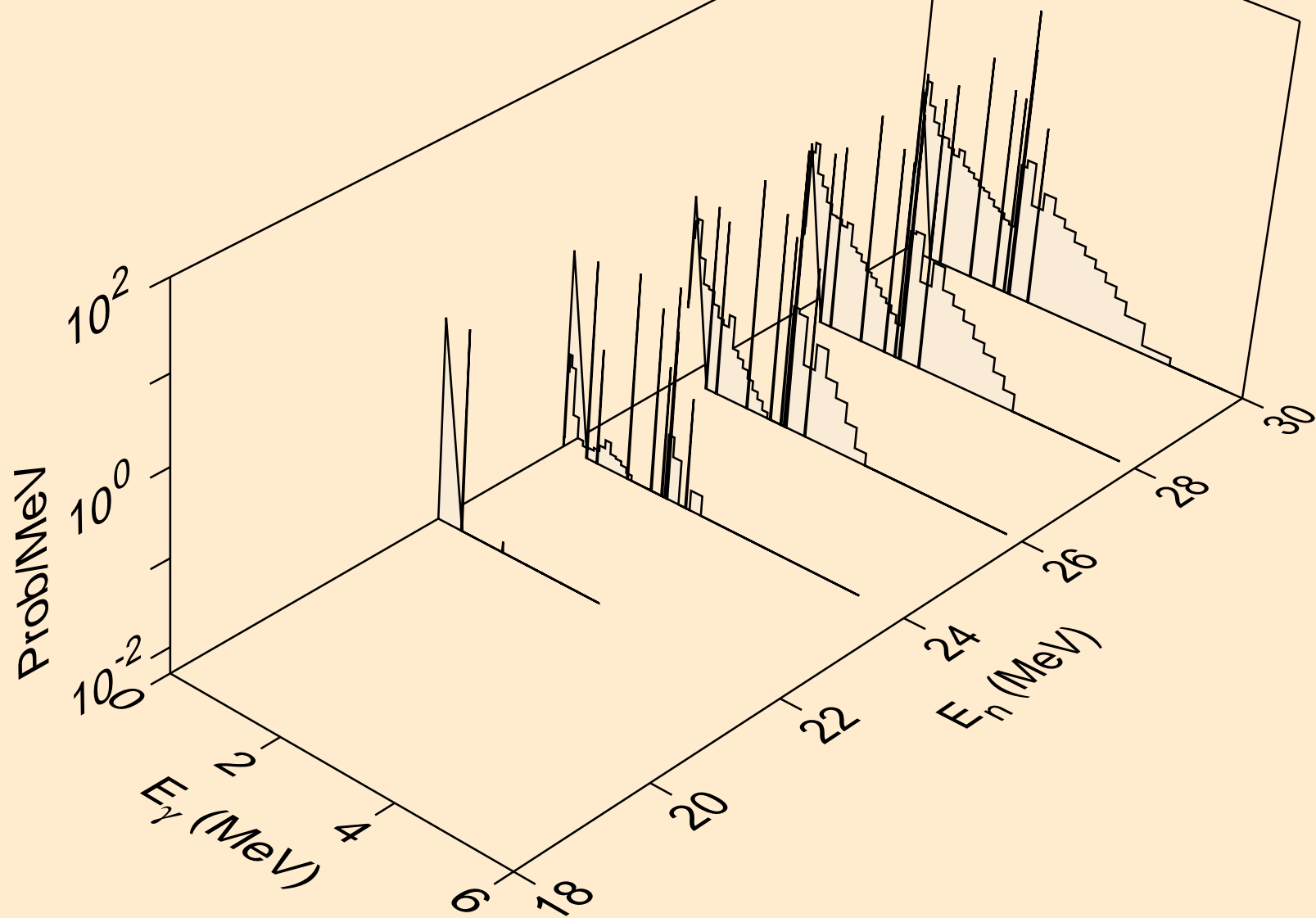
SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



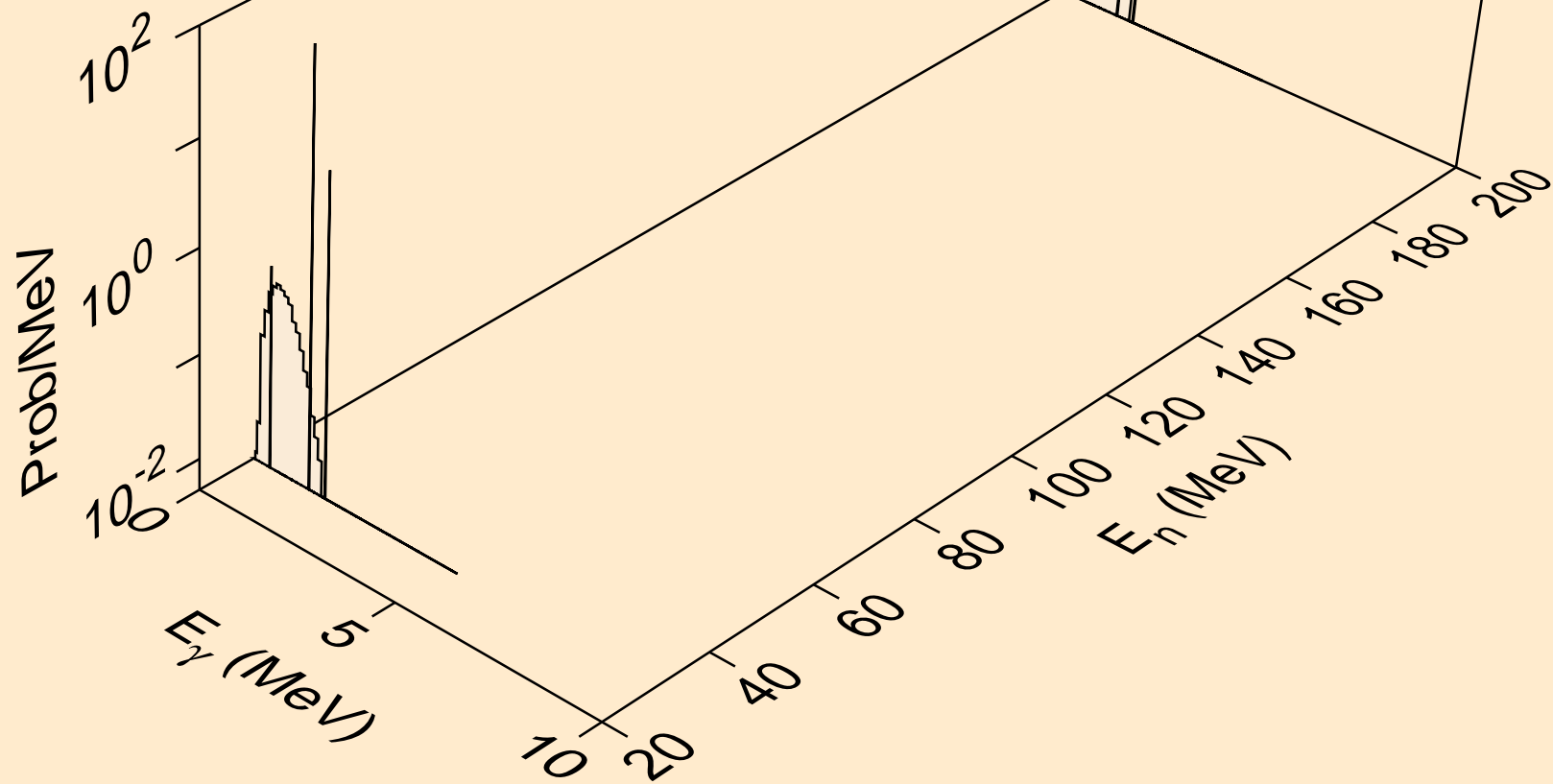
SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

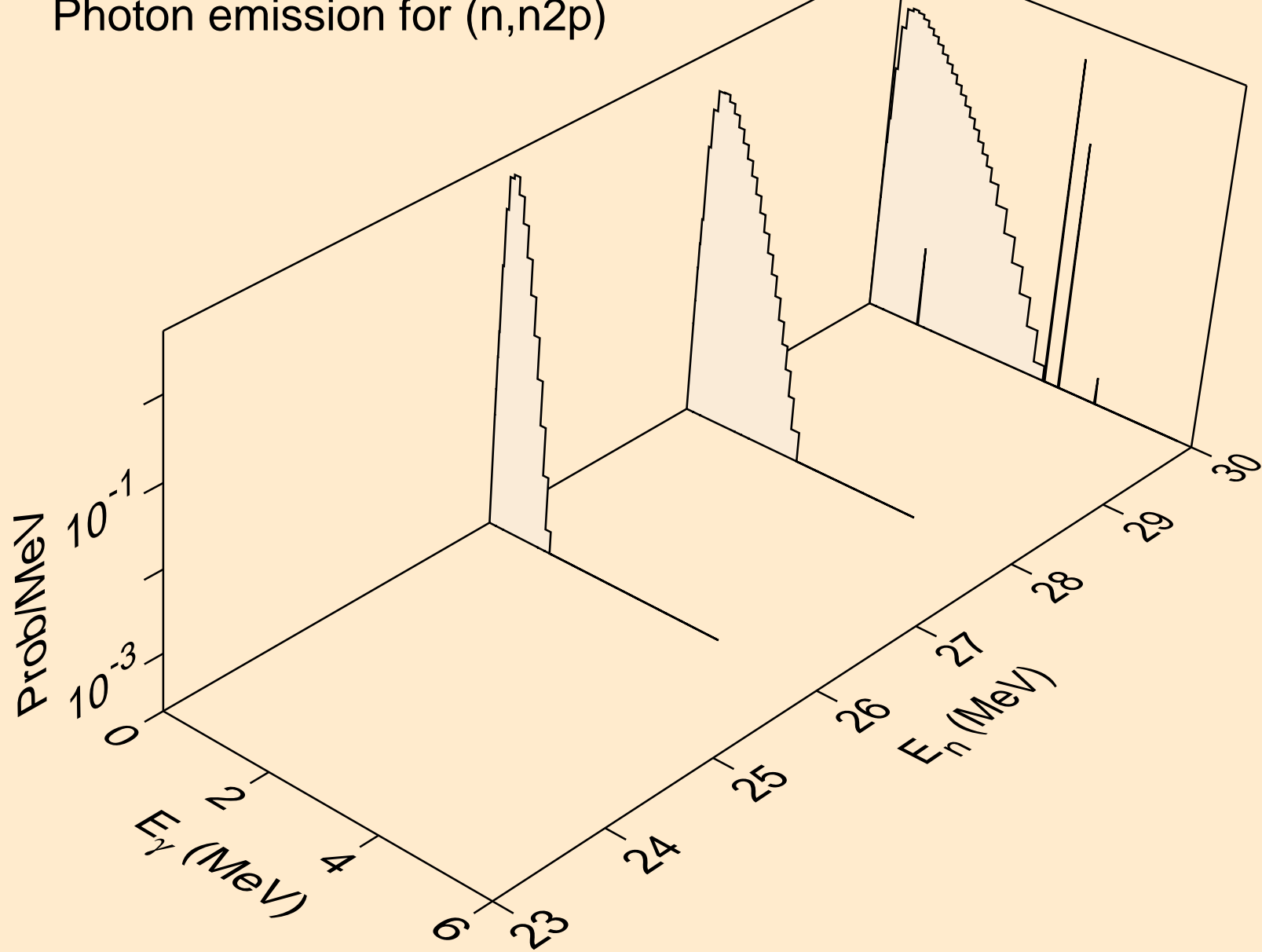


SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)

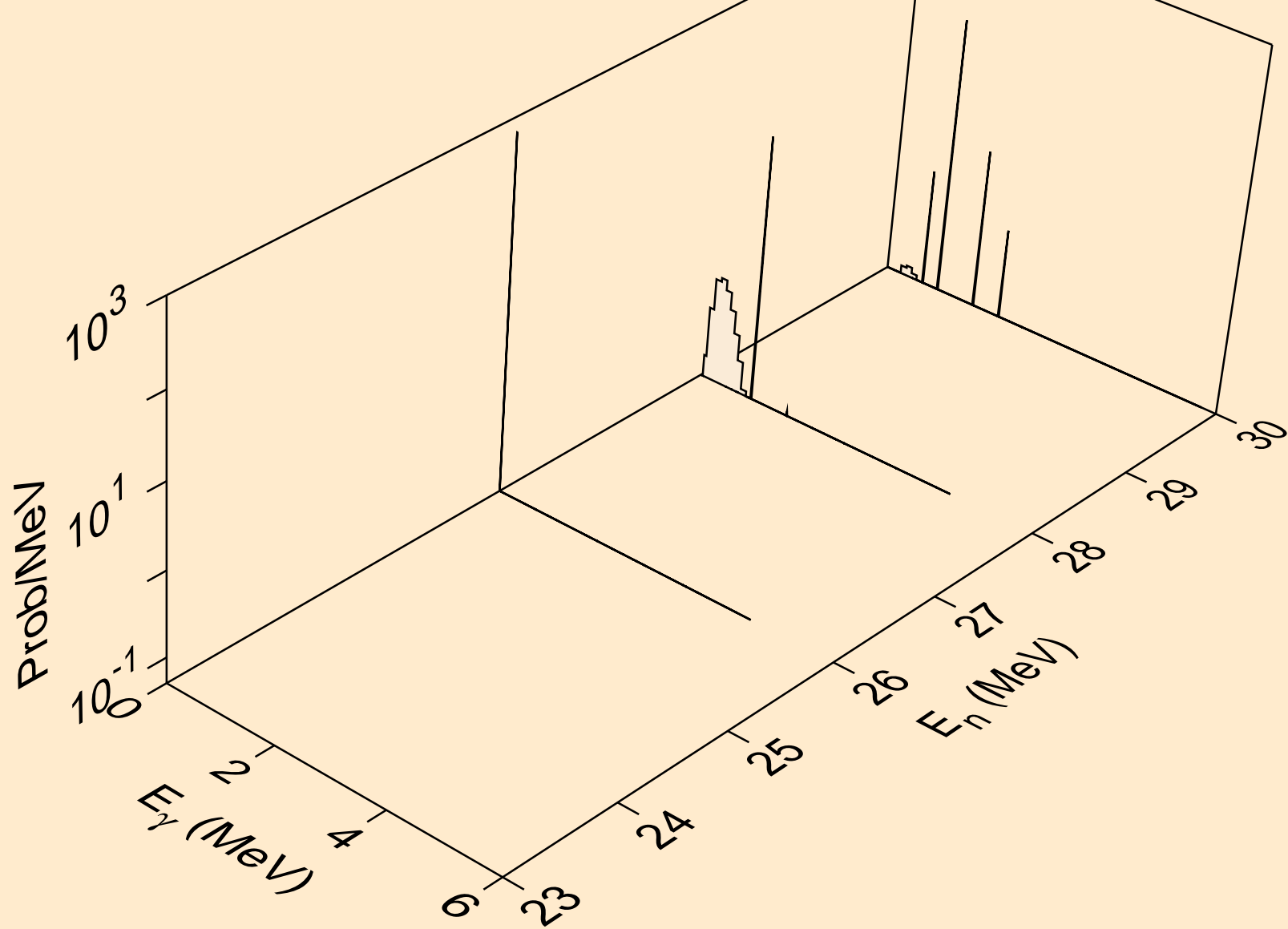




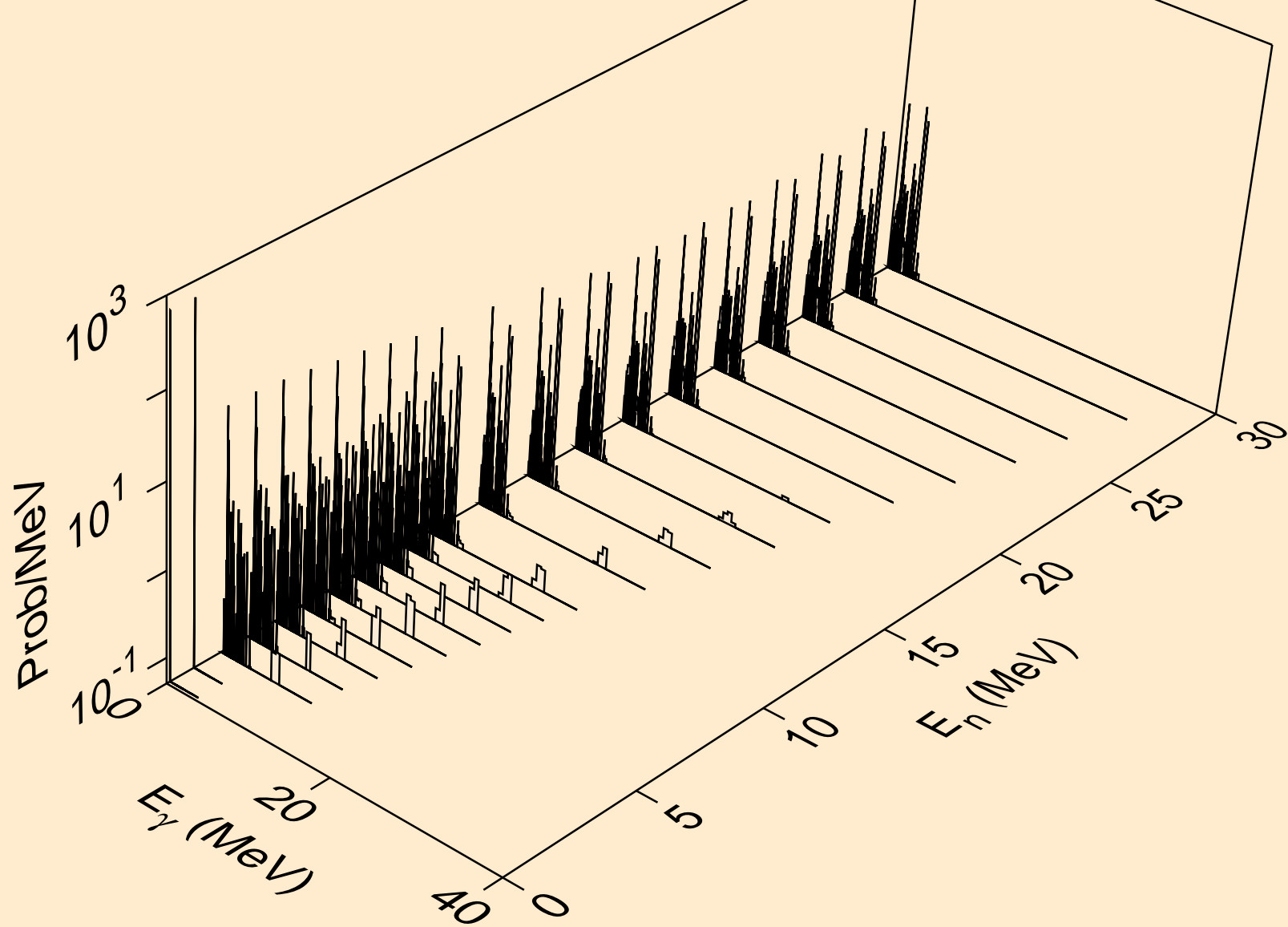
SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



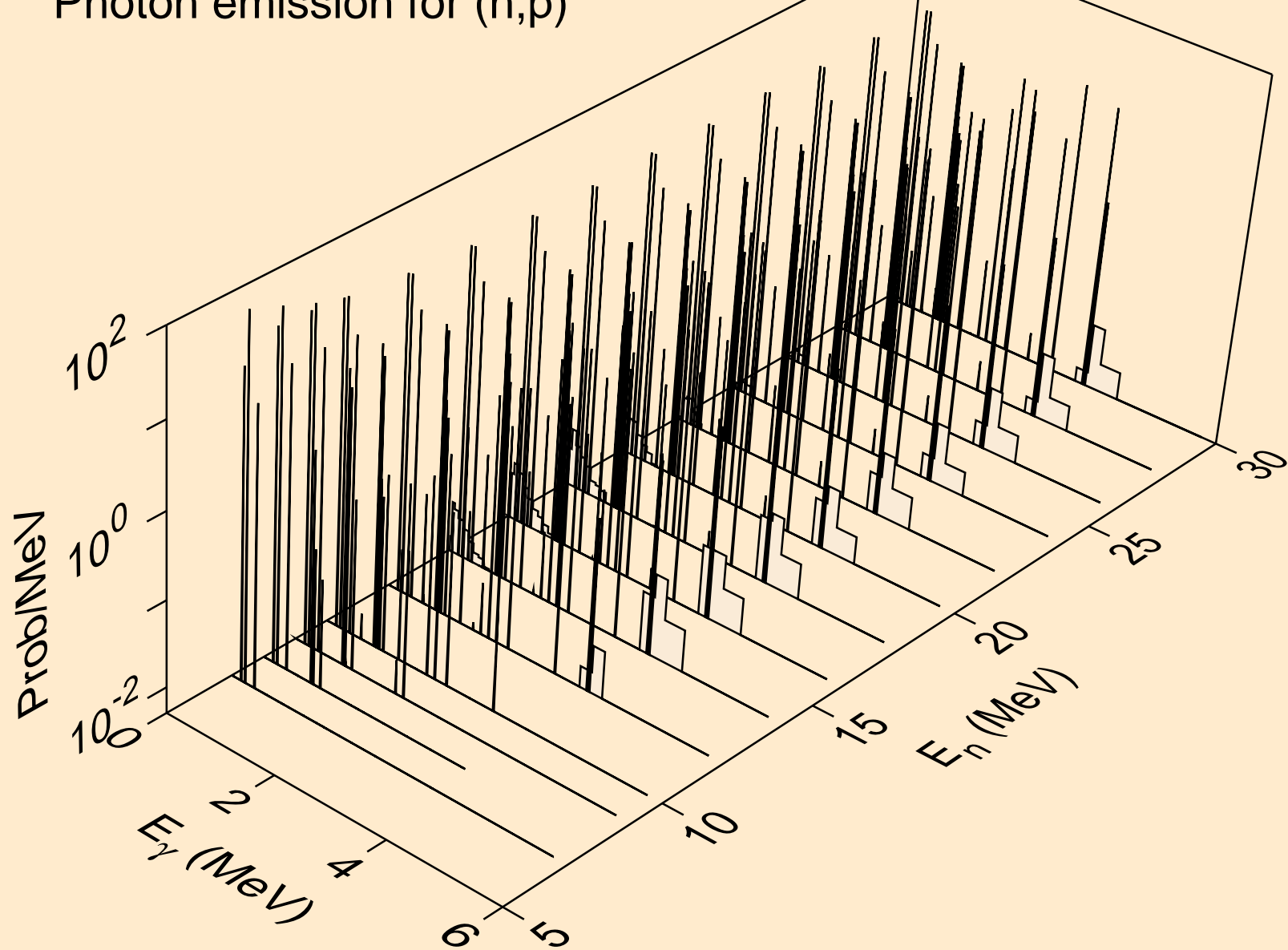
SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



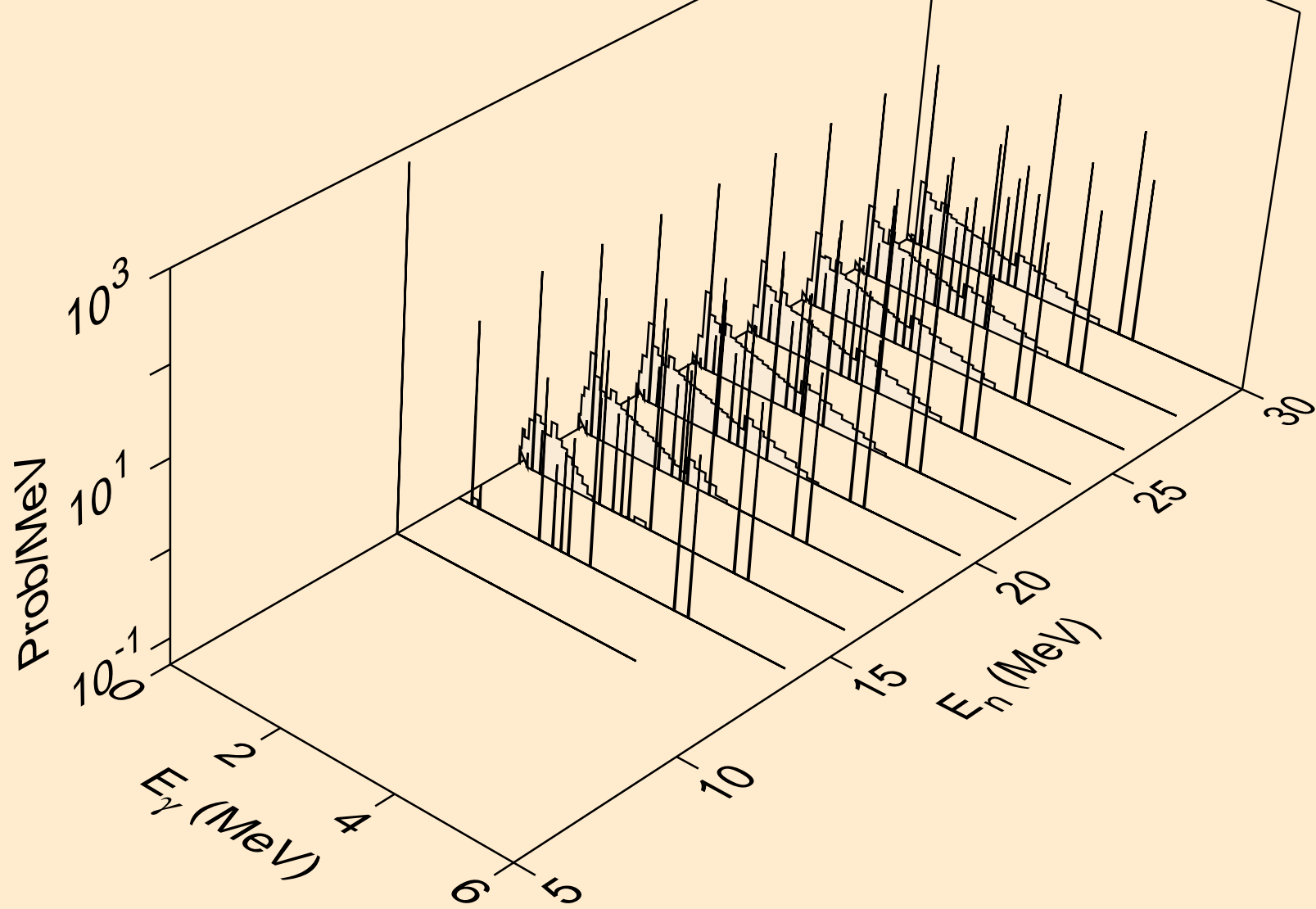
SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



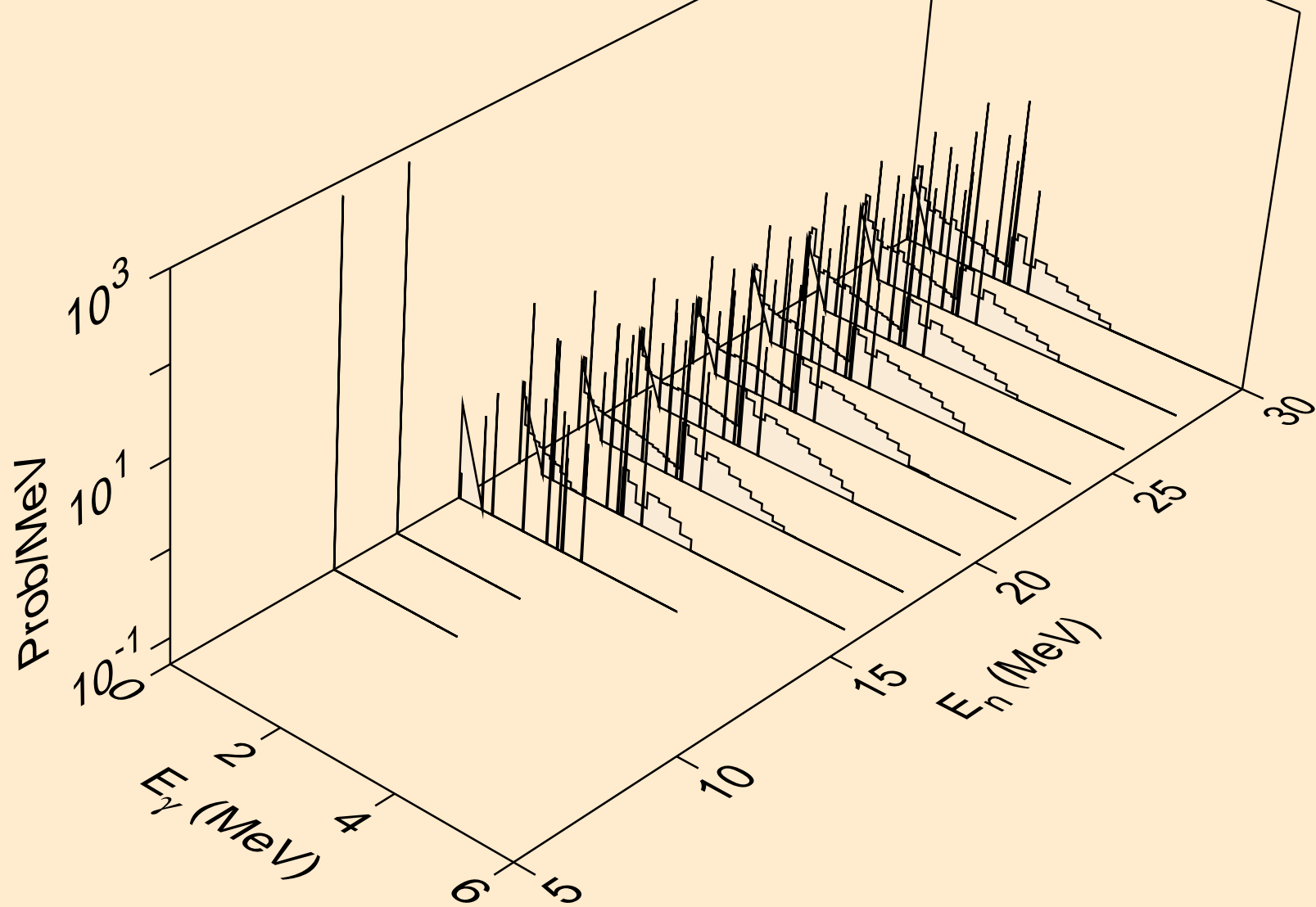
SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



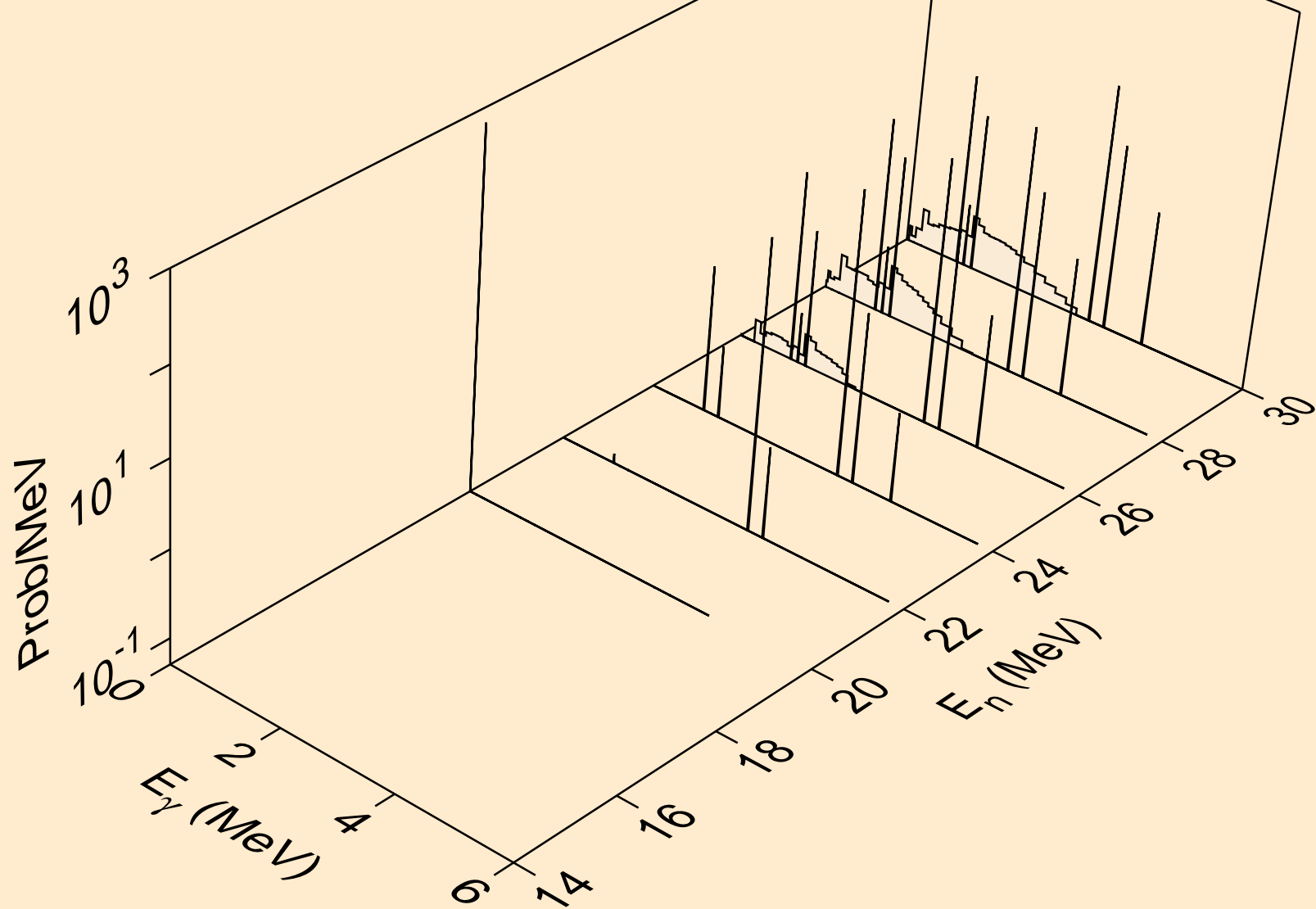
SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



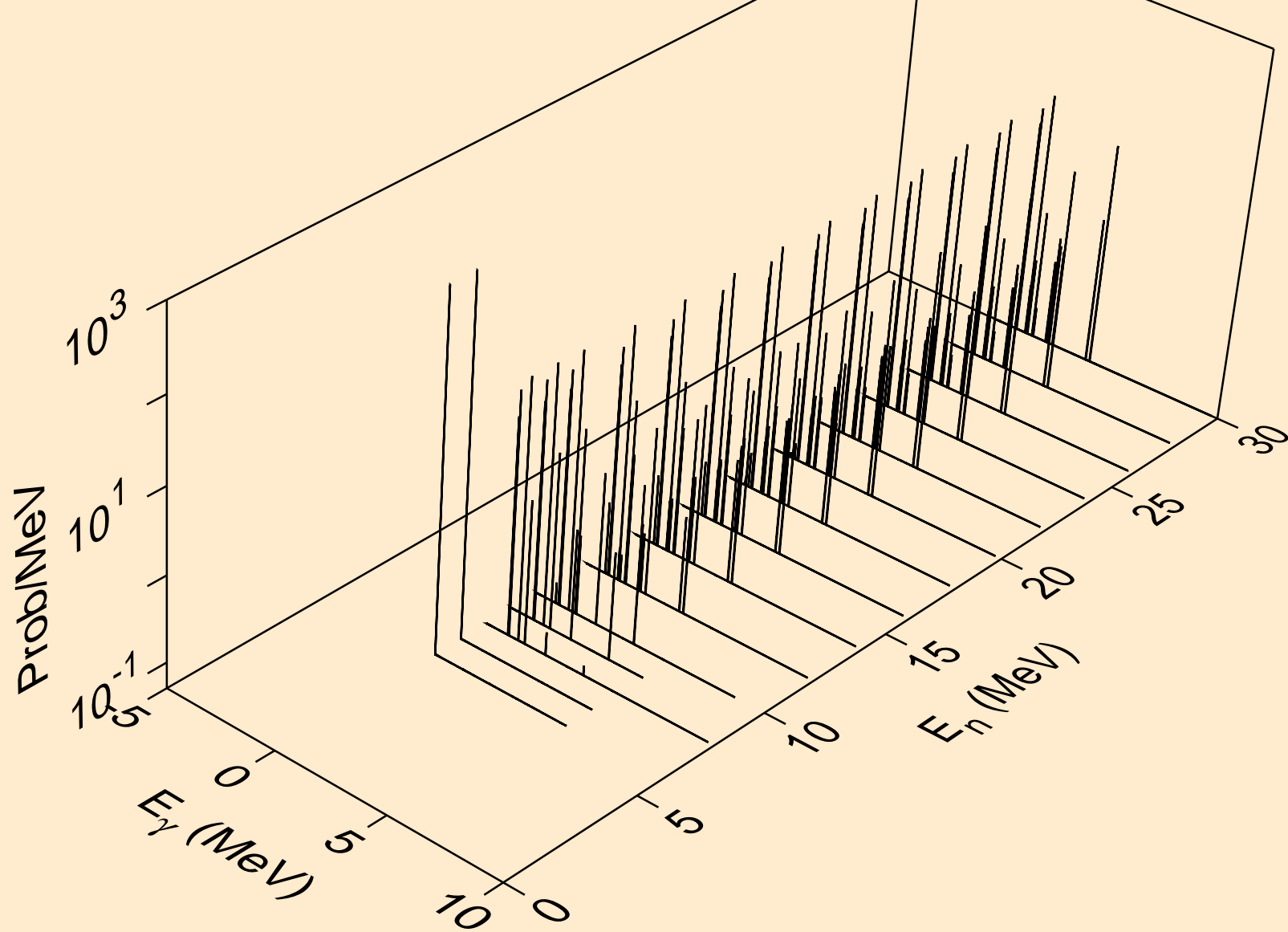
SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)

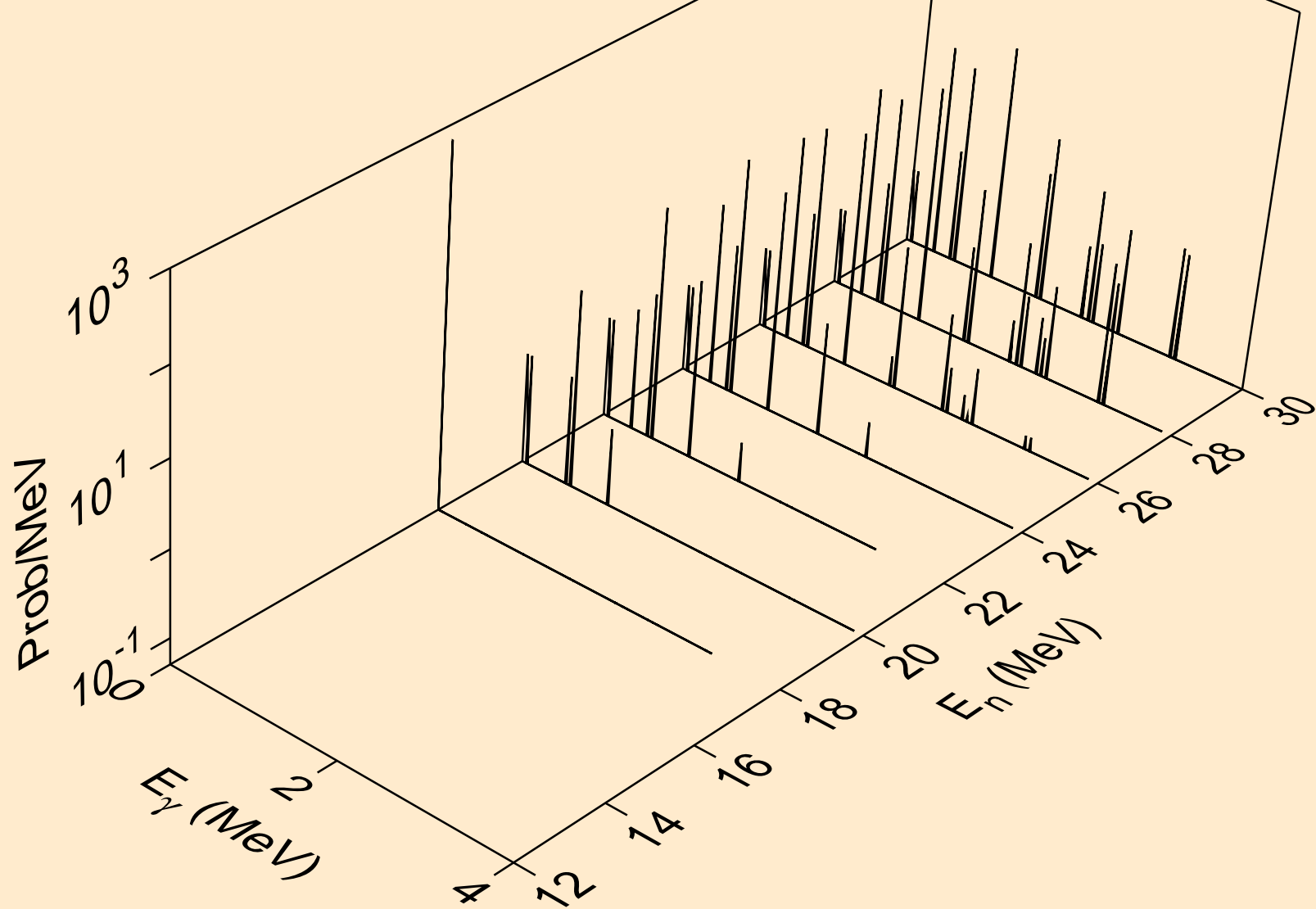


SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

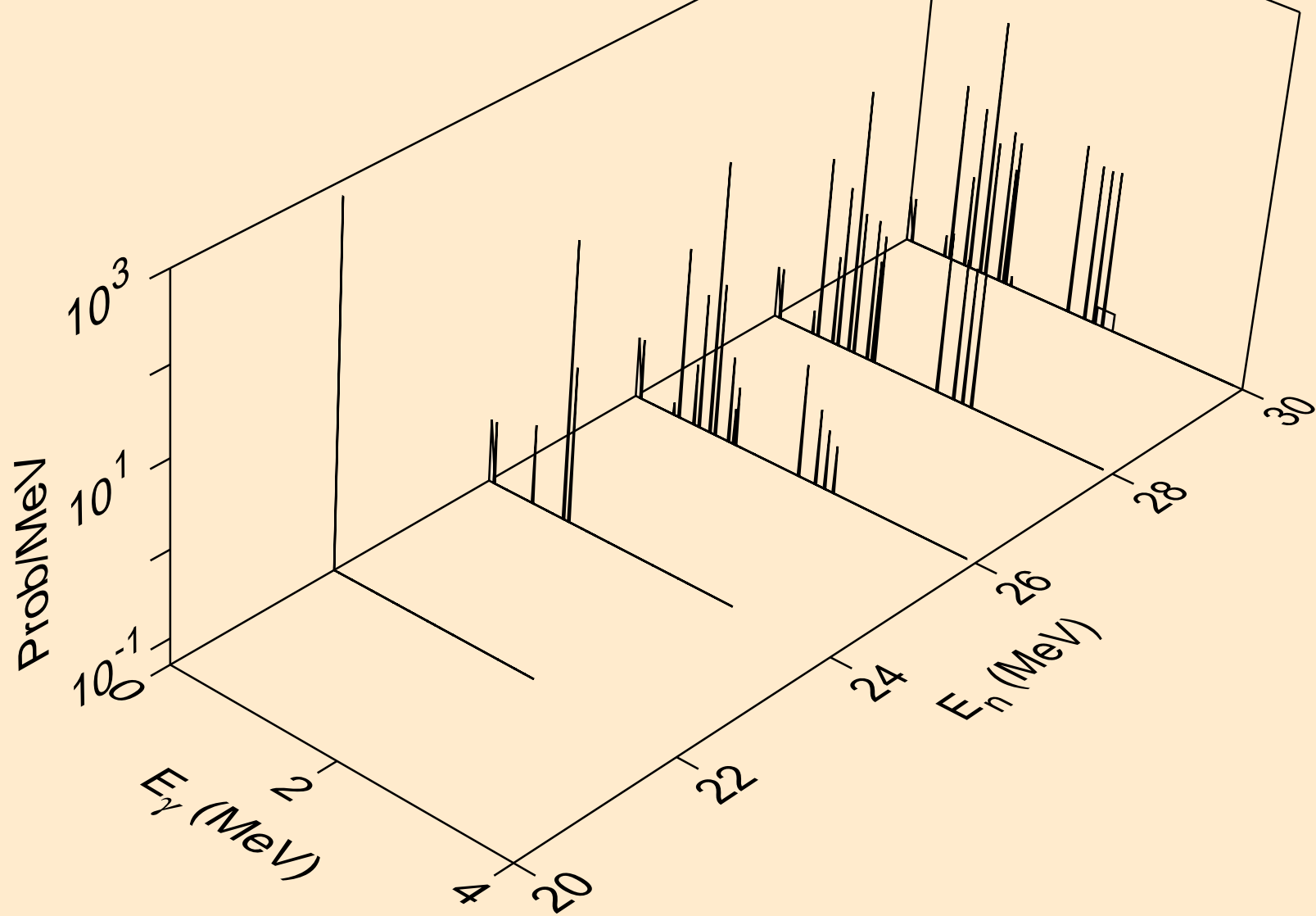




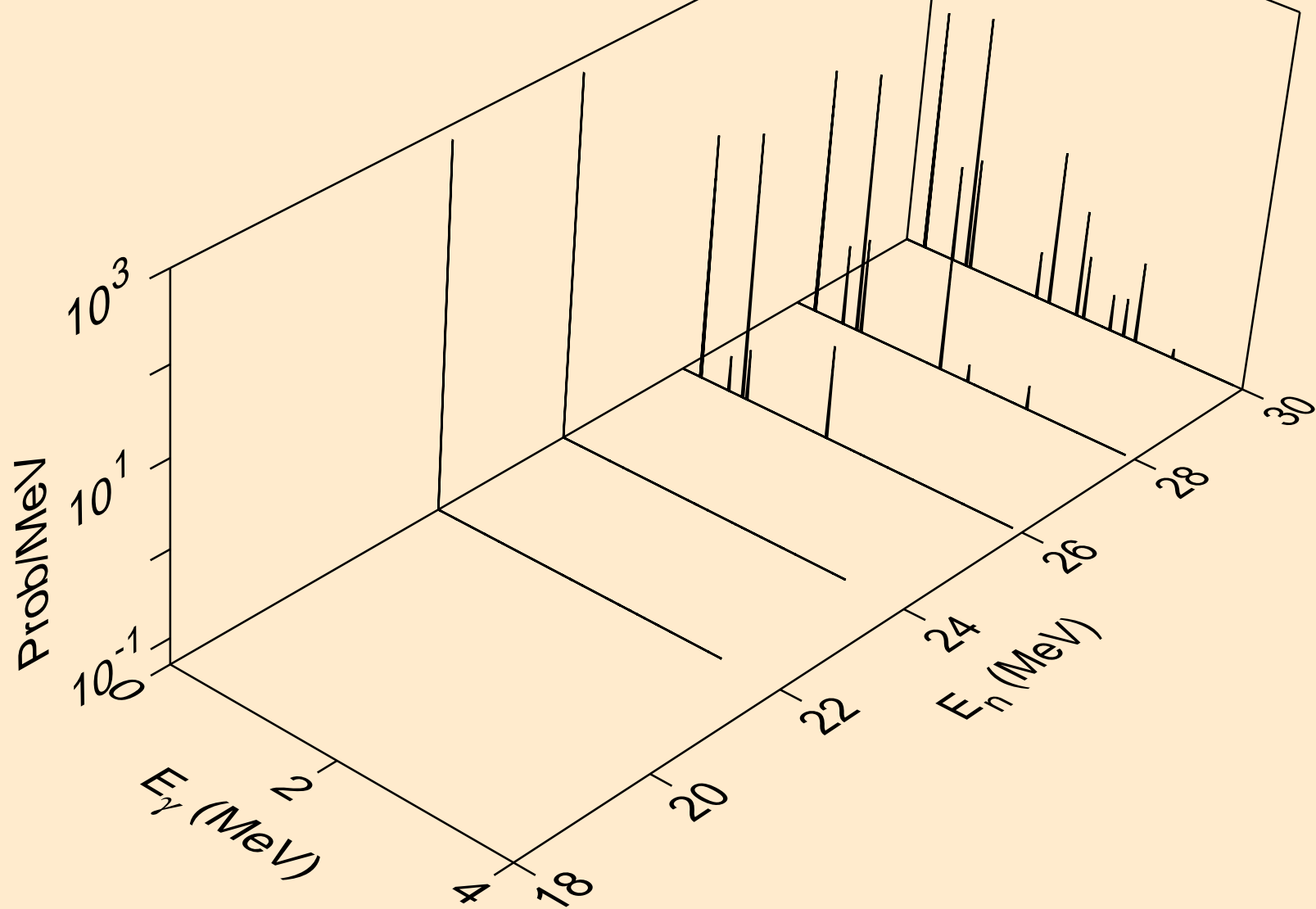
SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



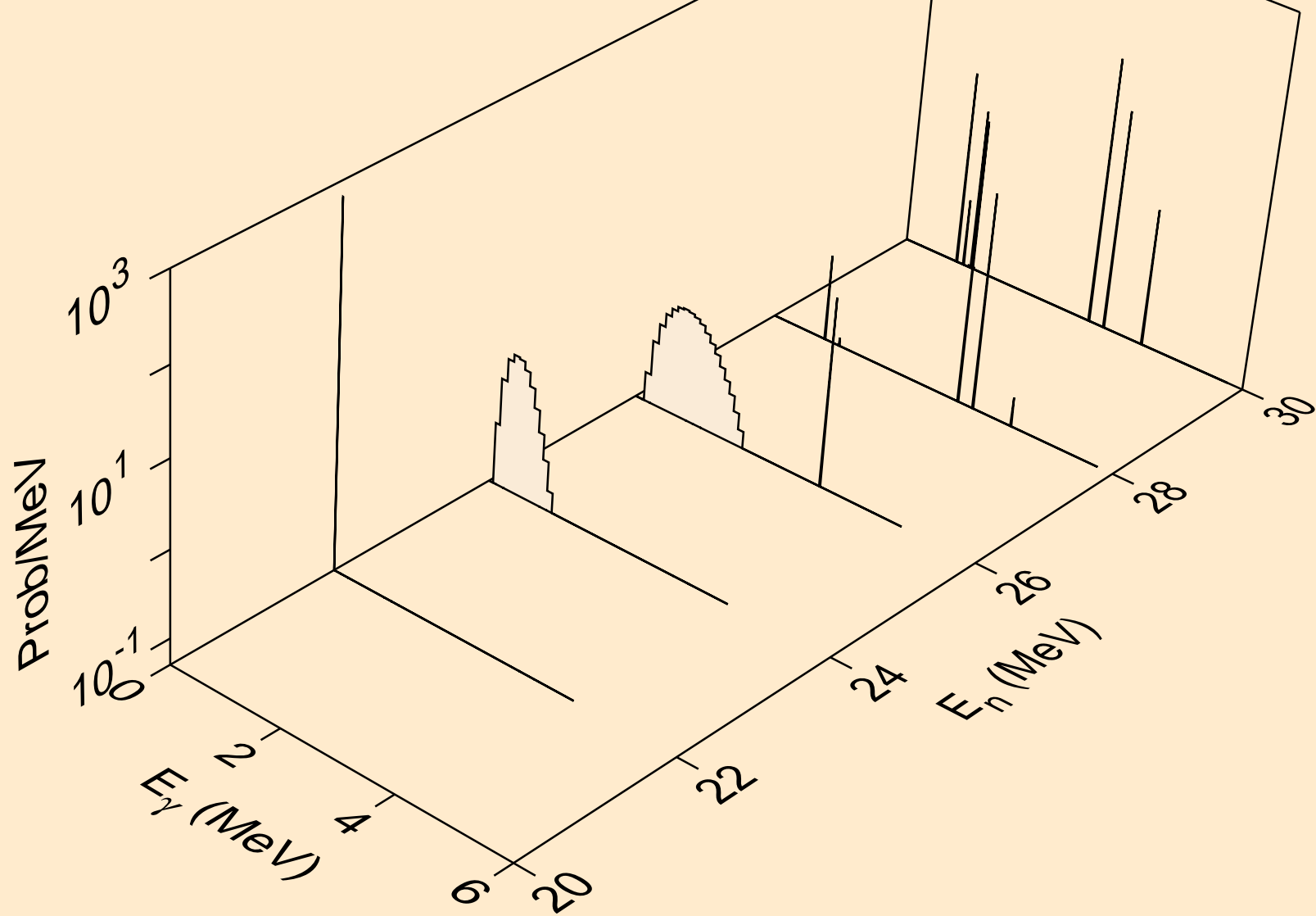
SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



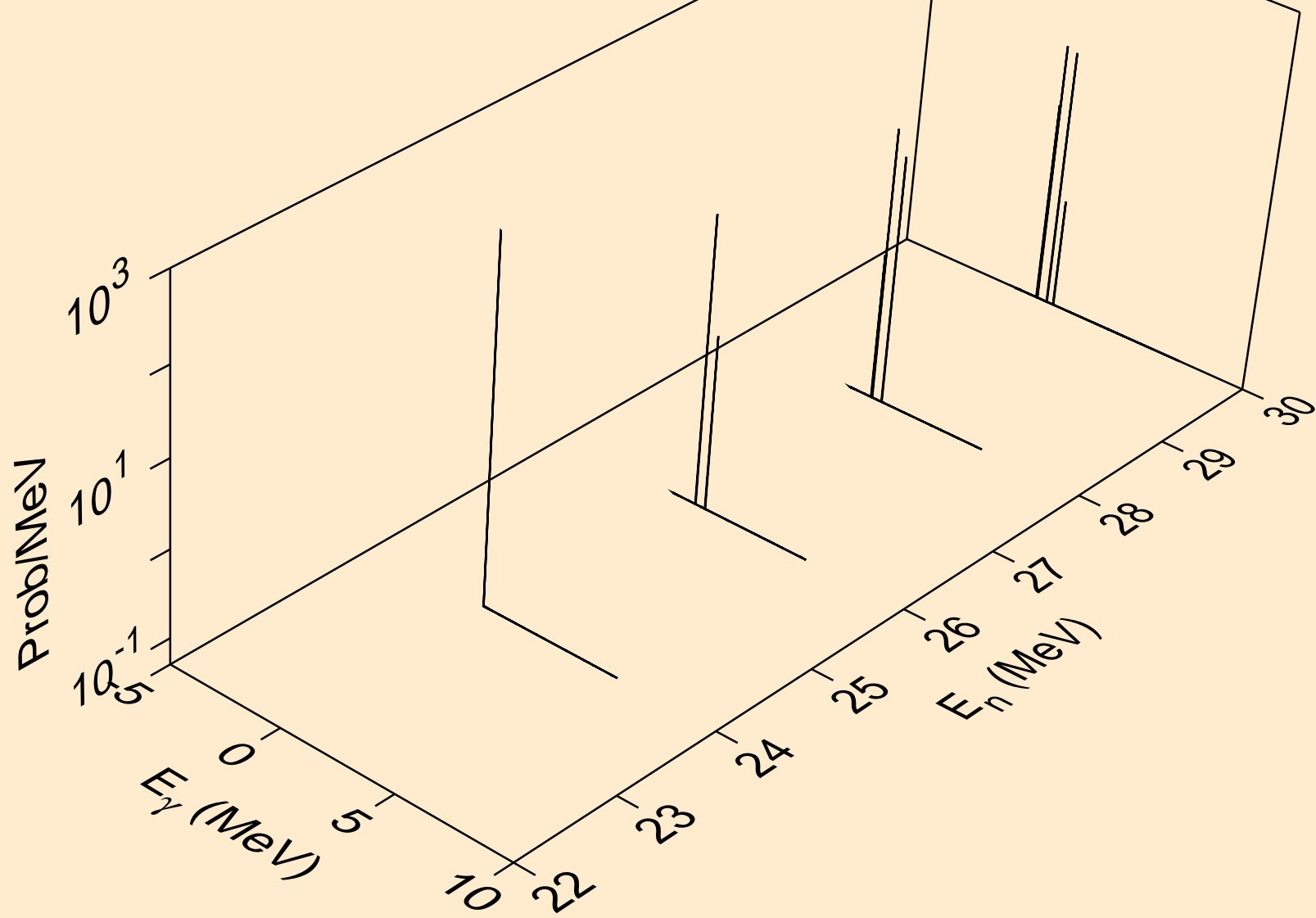
SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



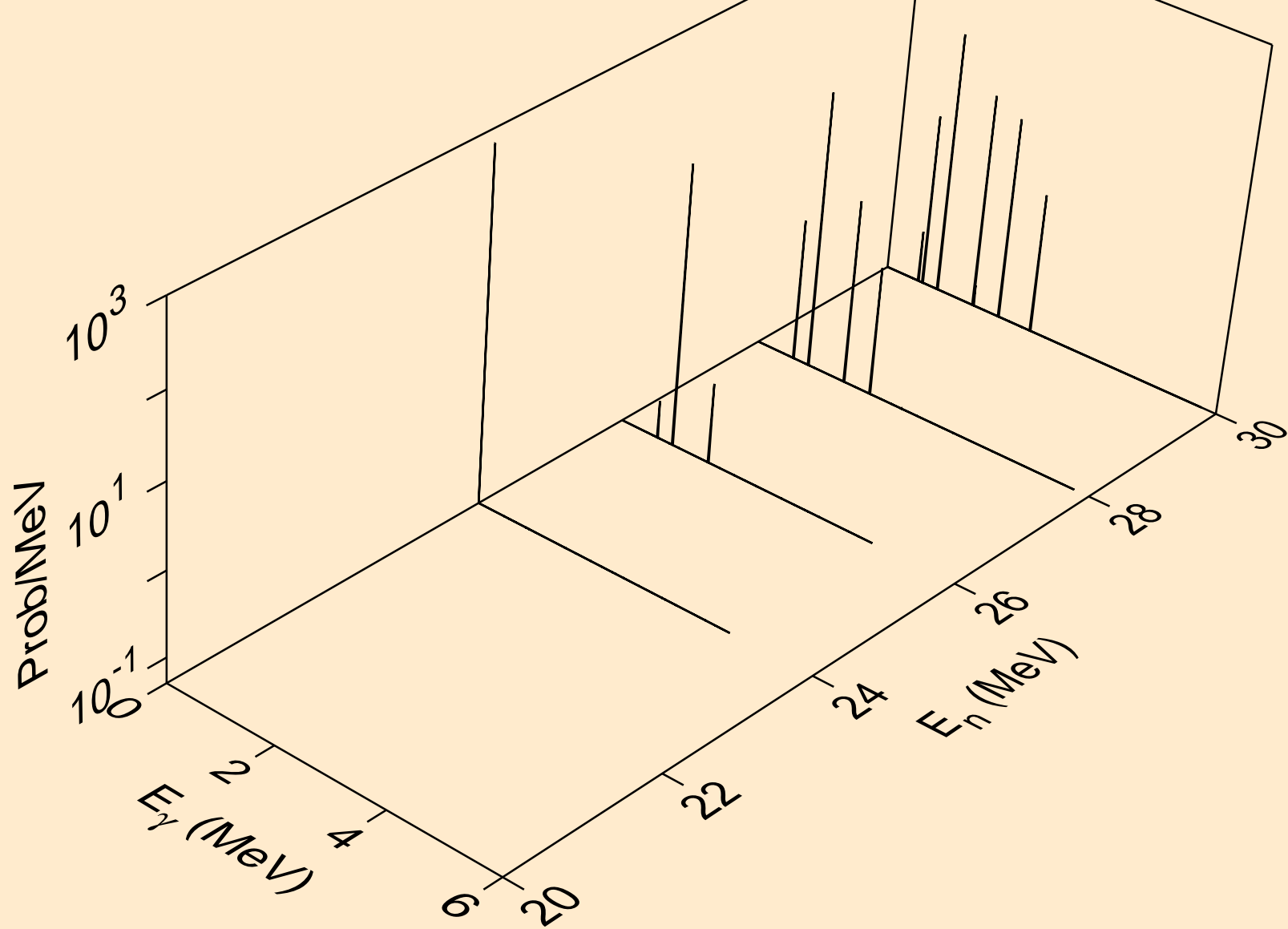
SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



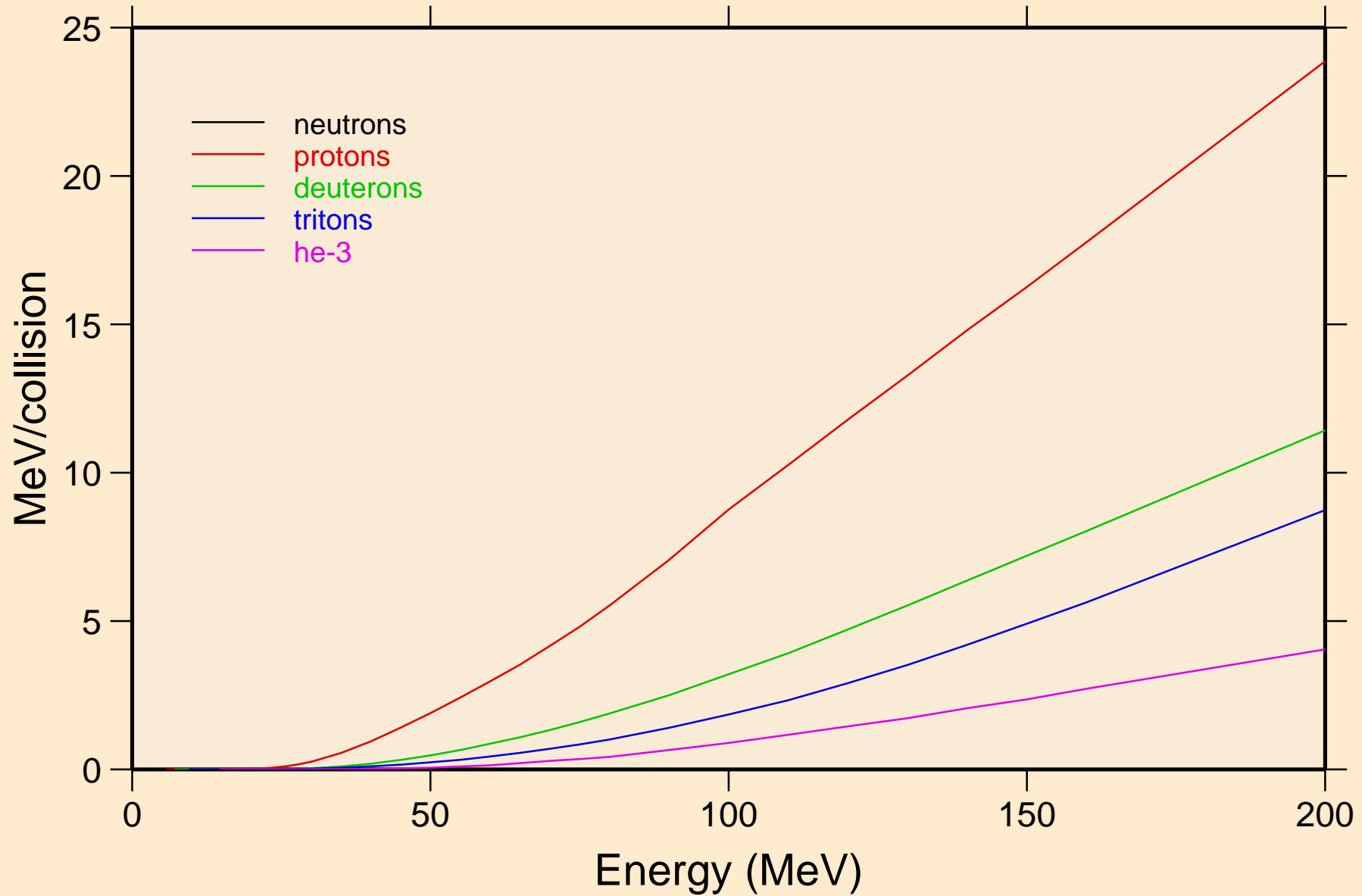
SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



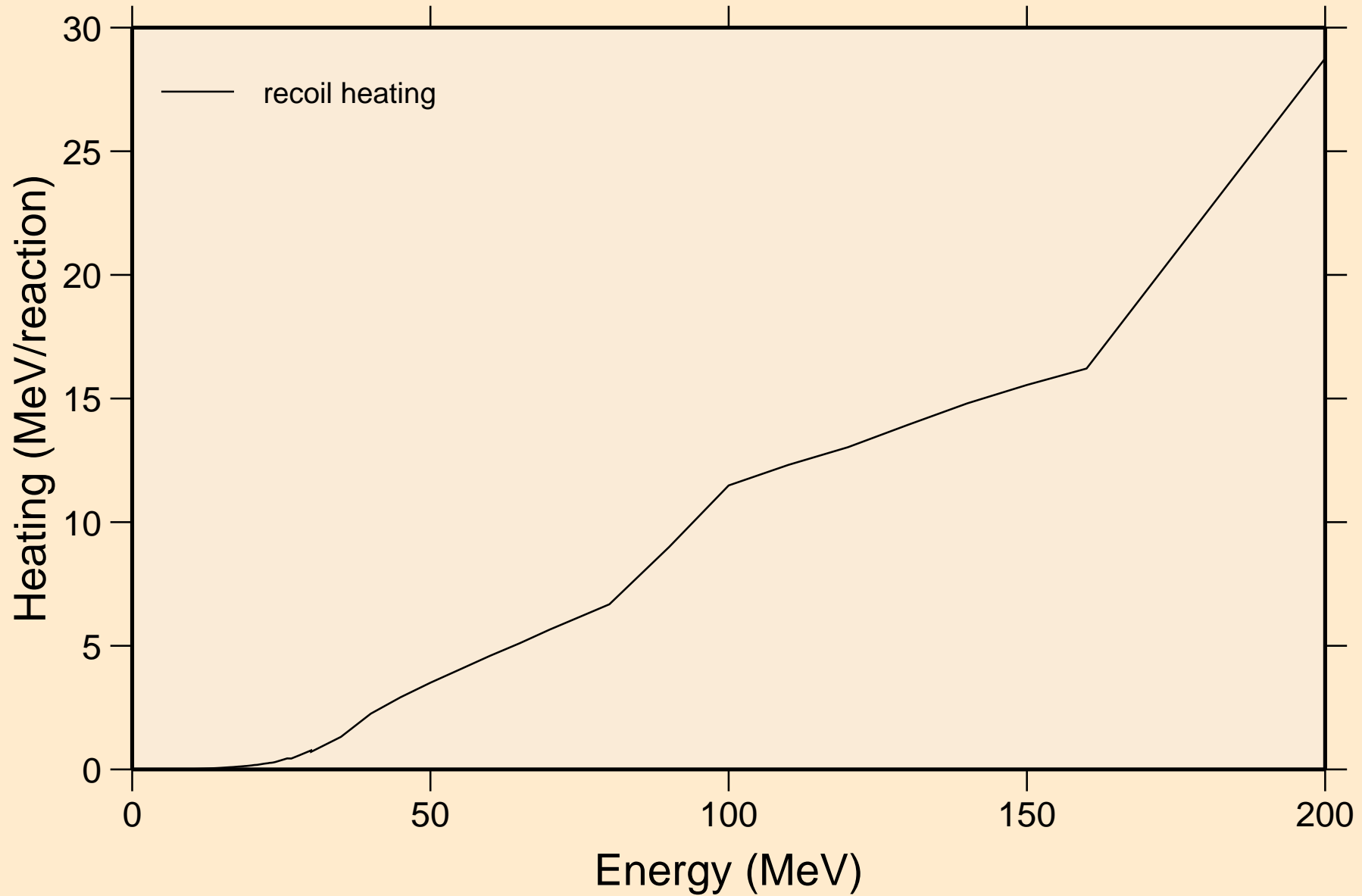
SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions

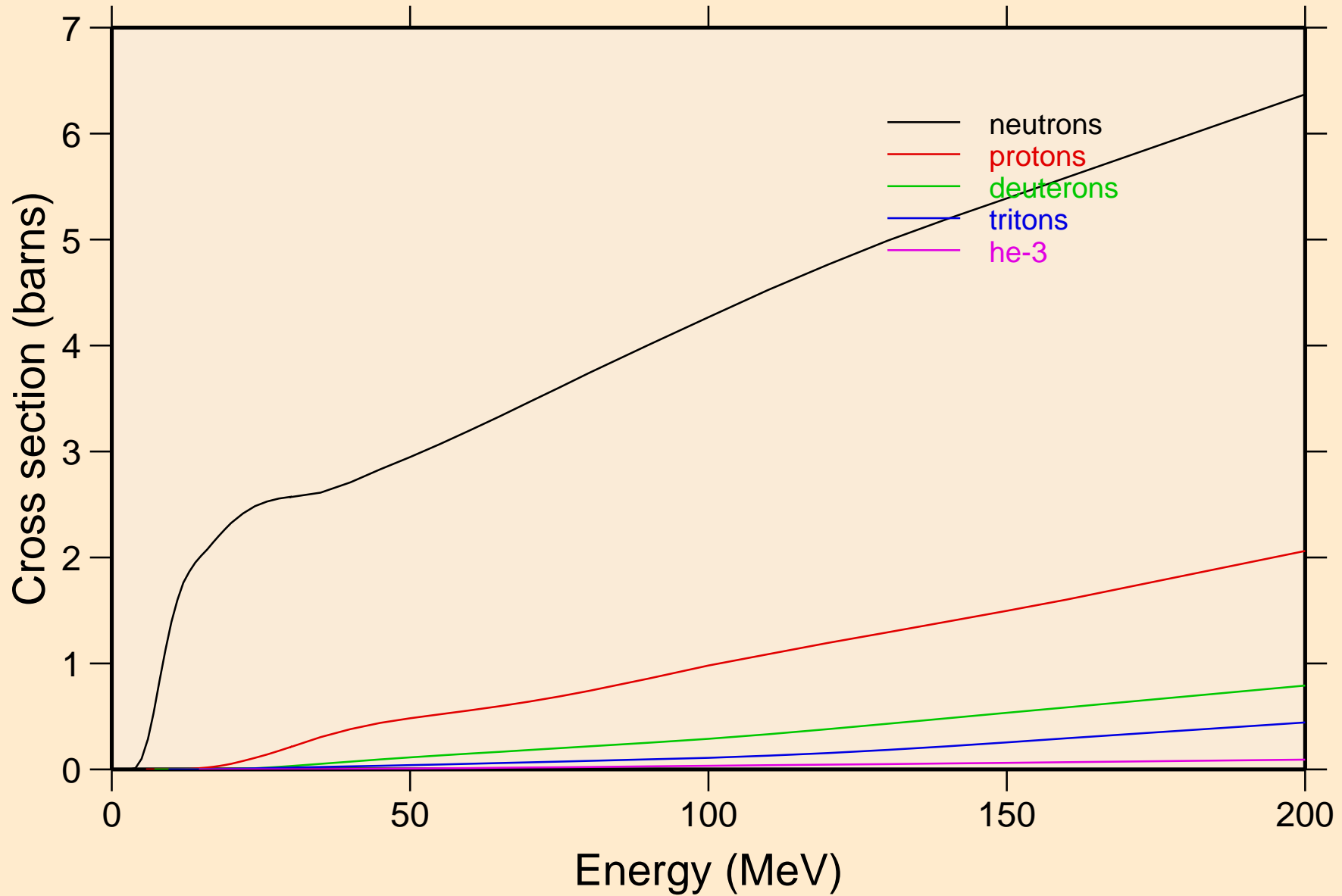


SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating

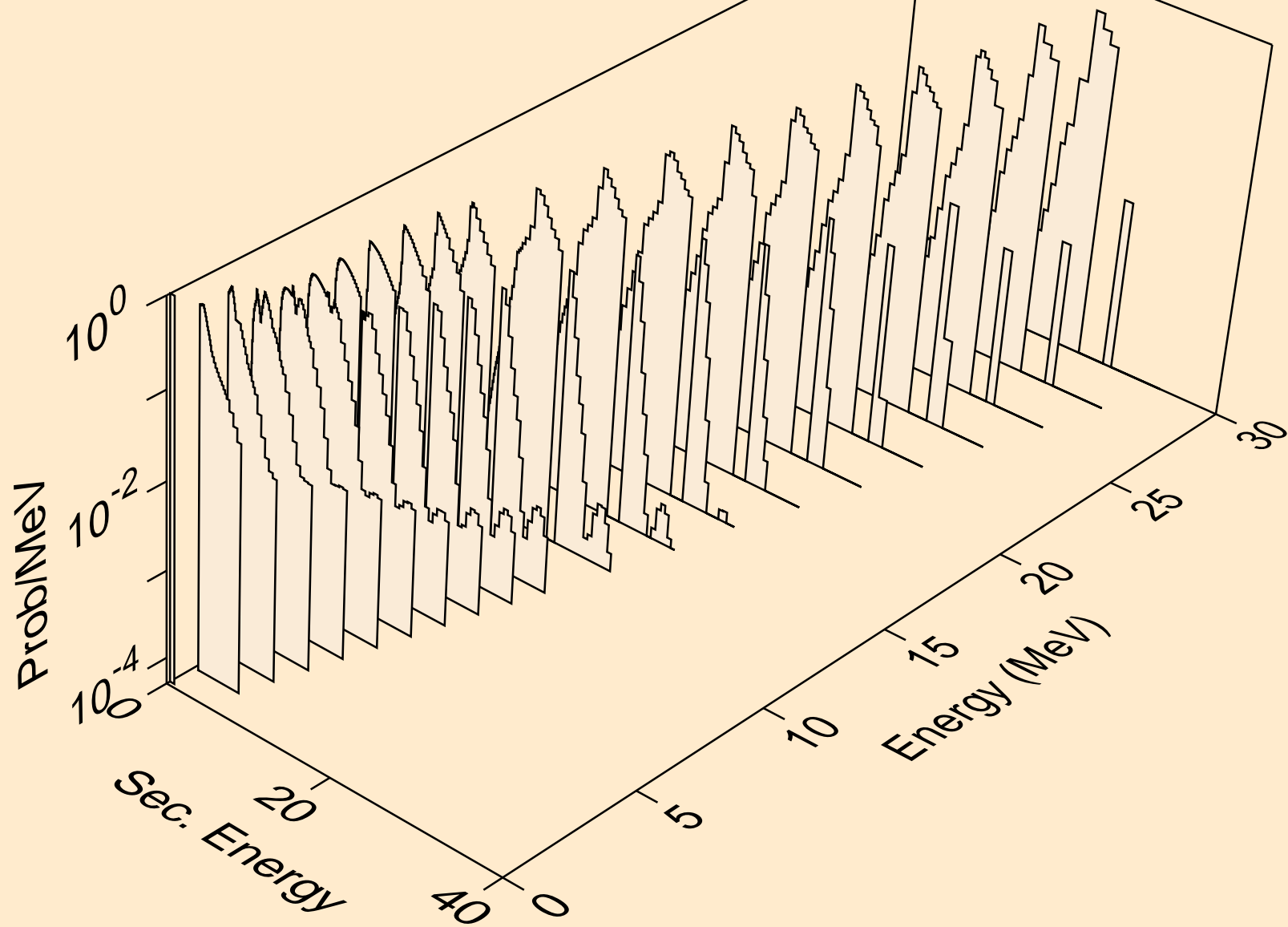




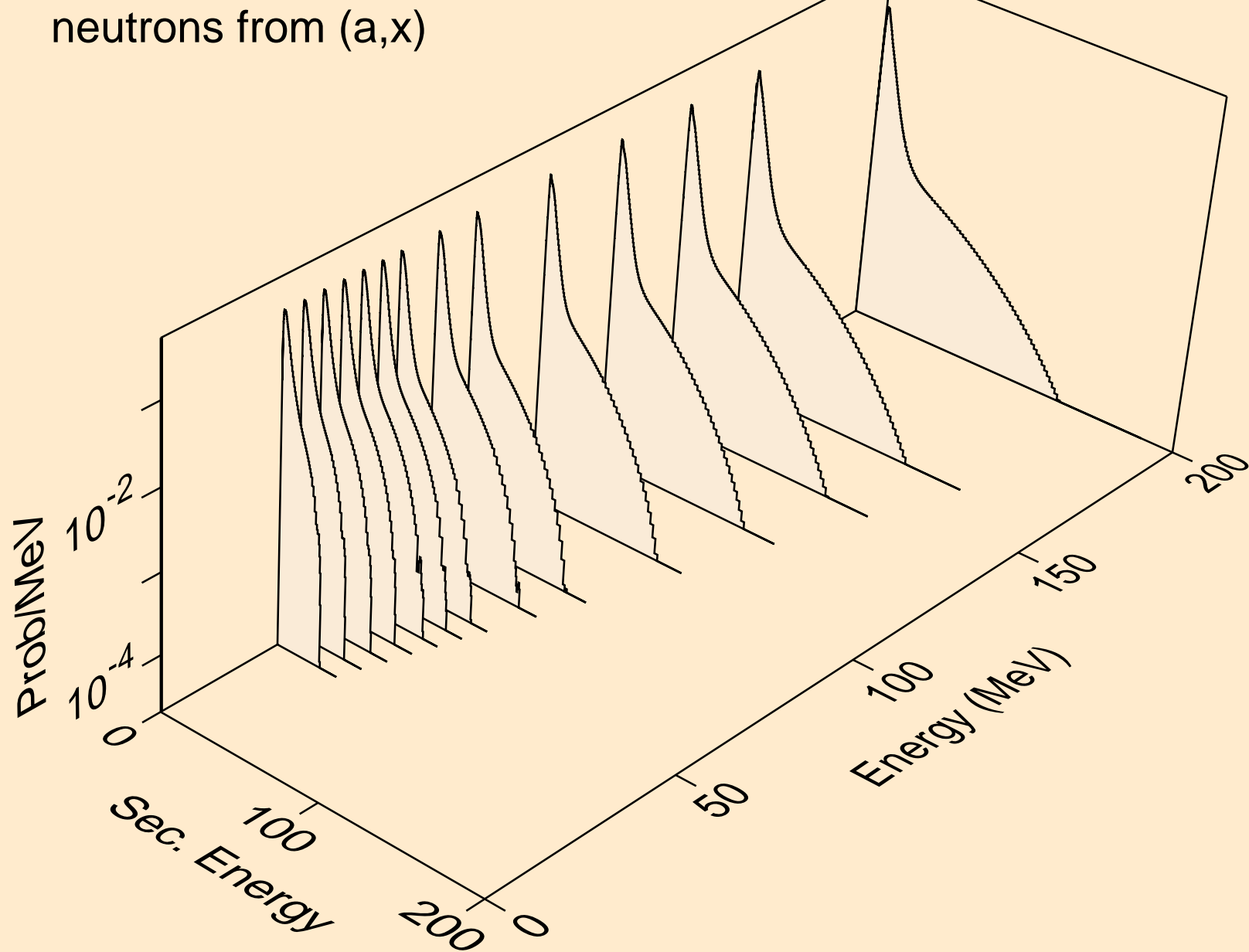
SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



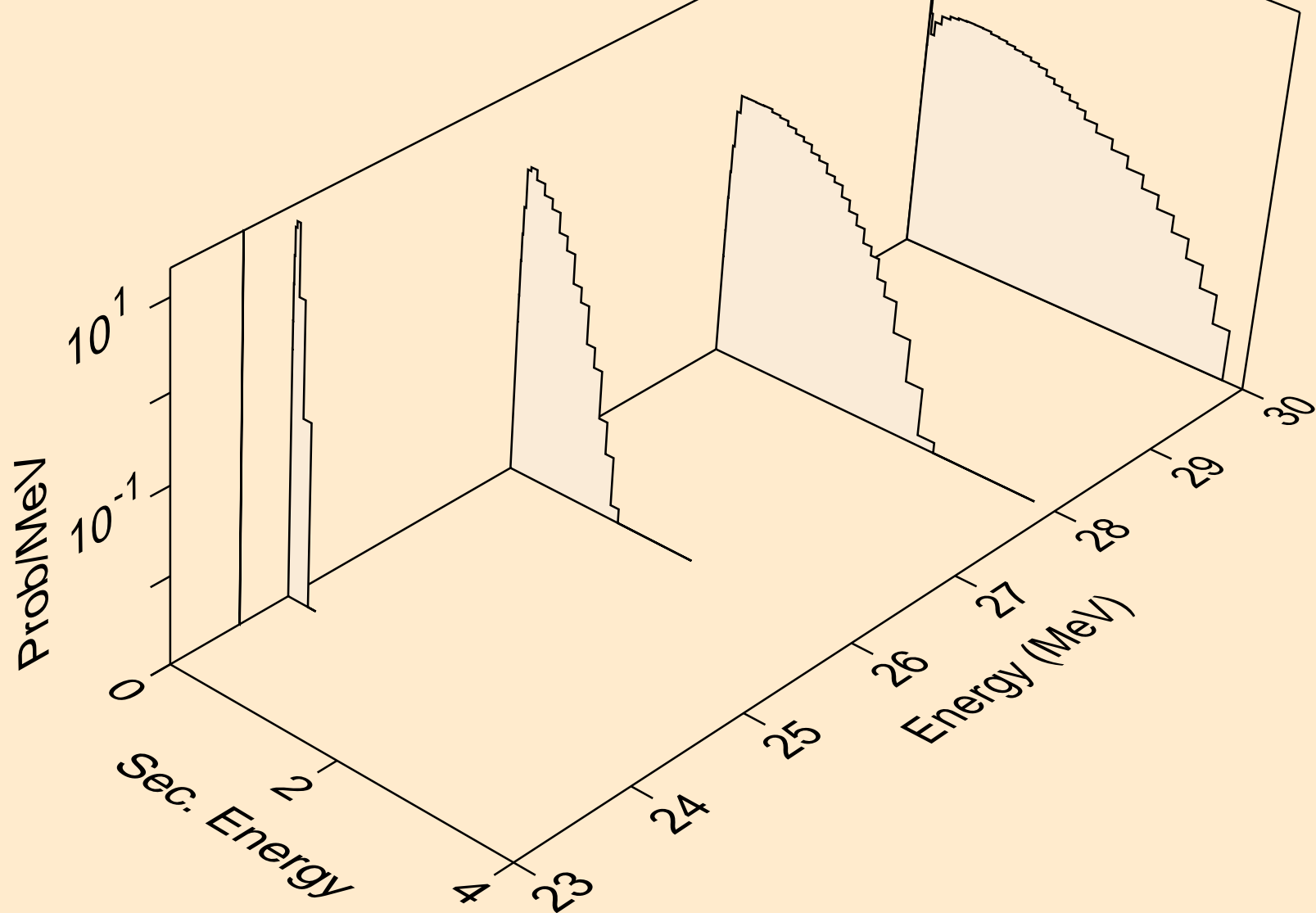
SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)



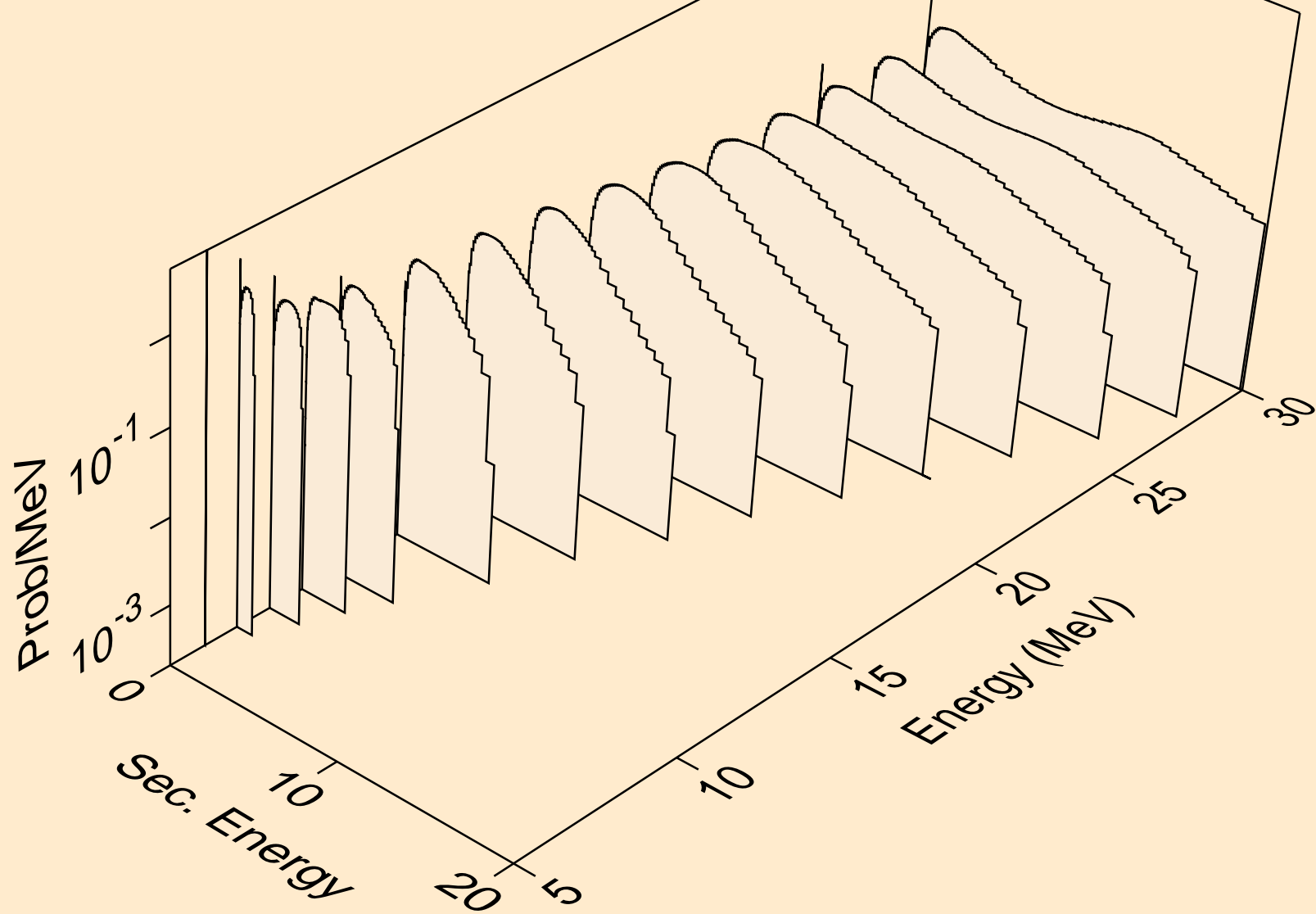
SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)



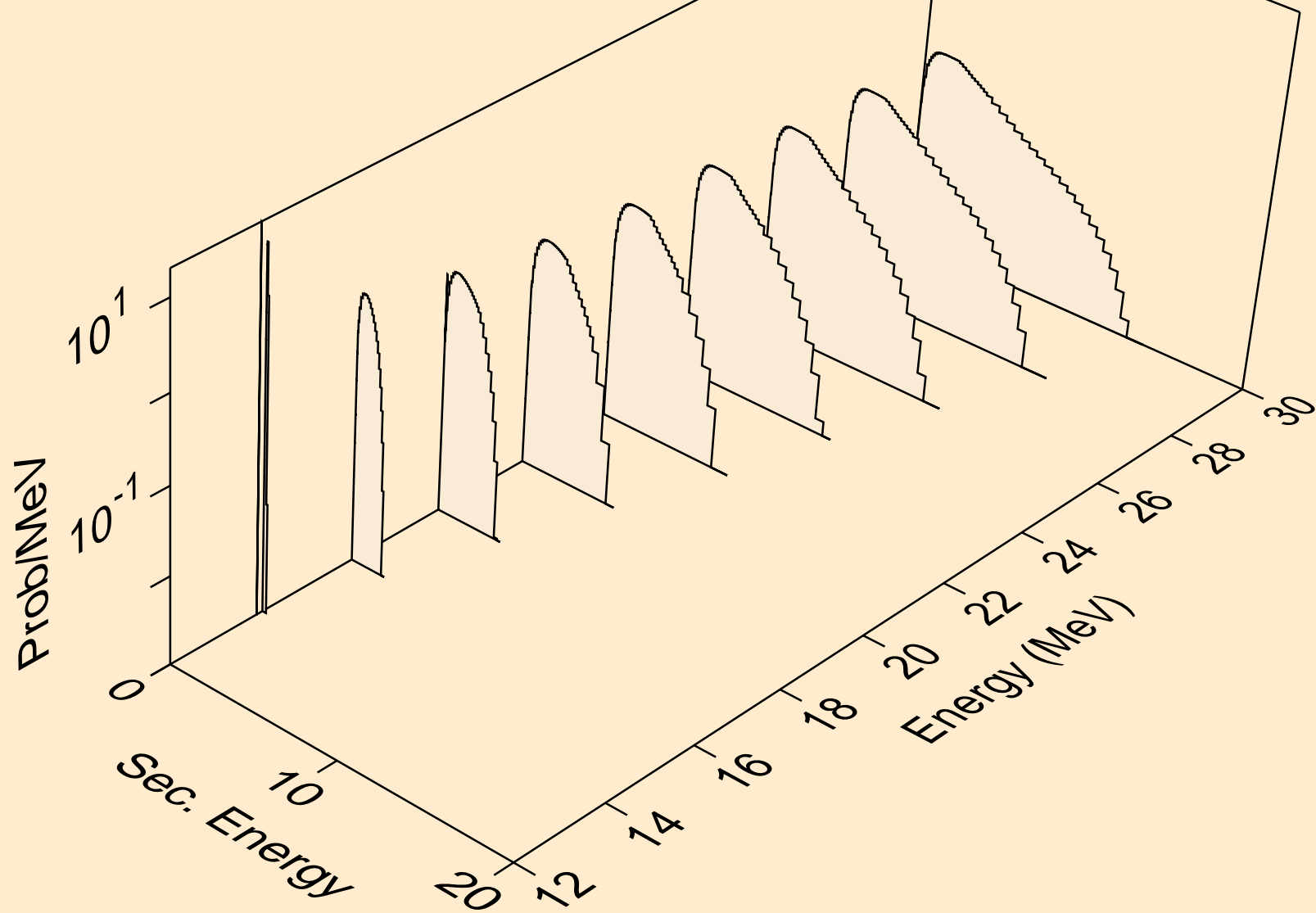
SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2nd)



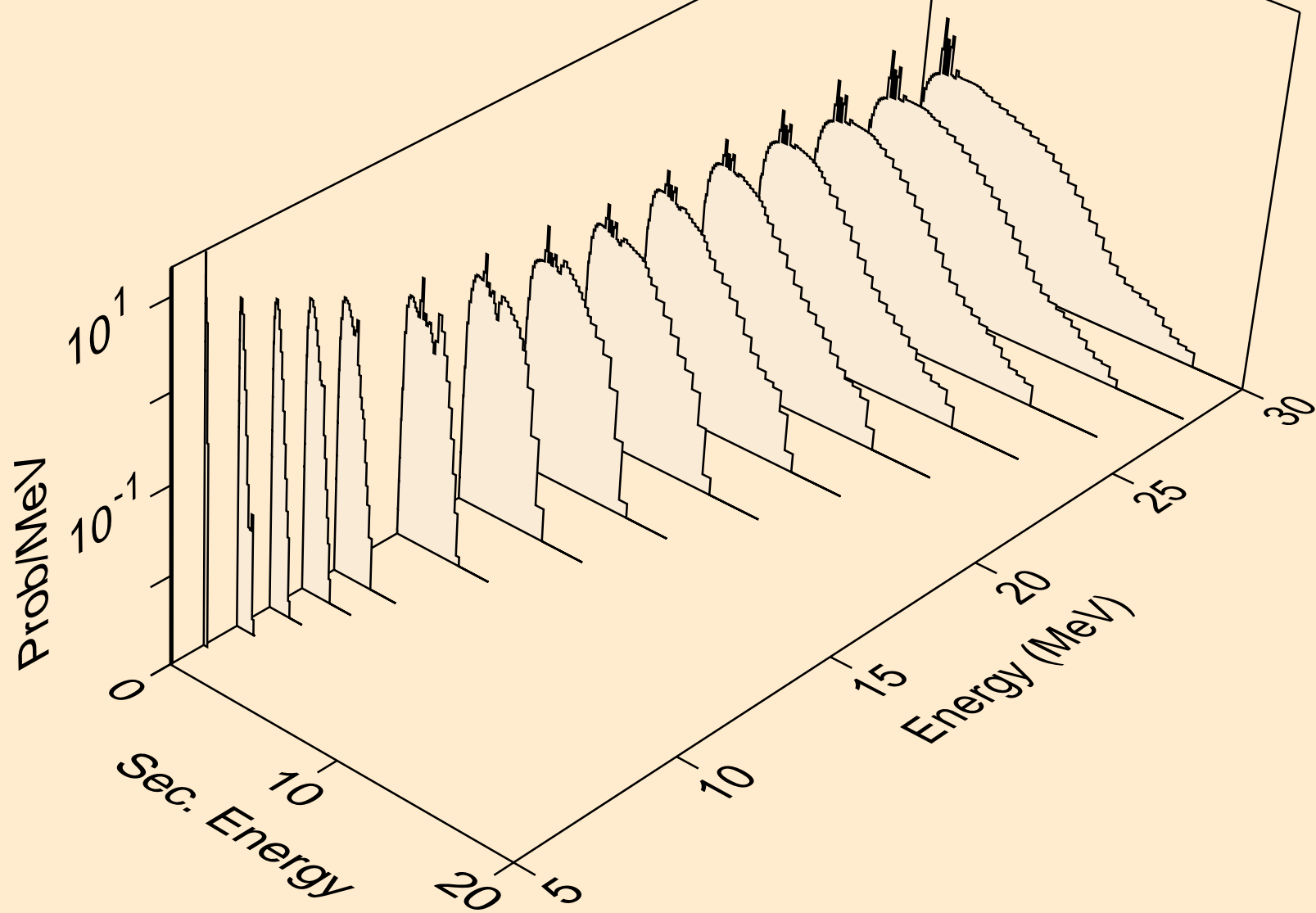
SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)



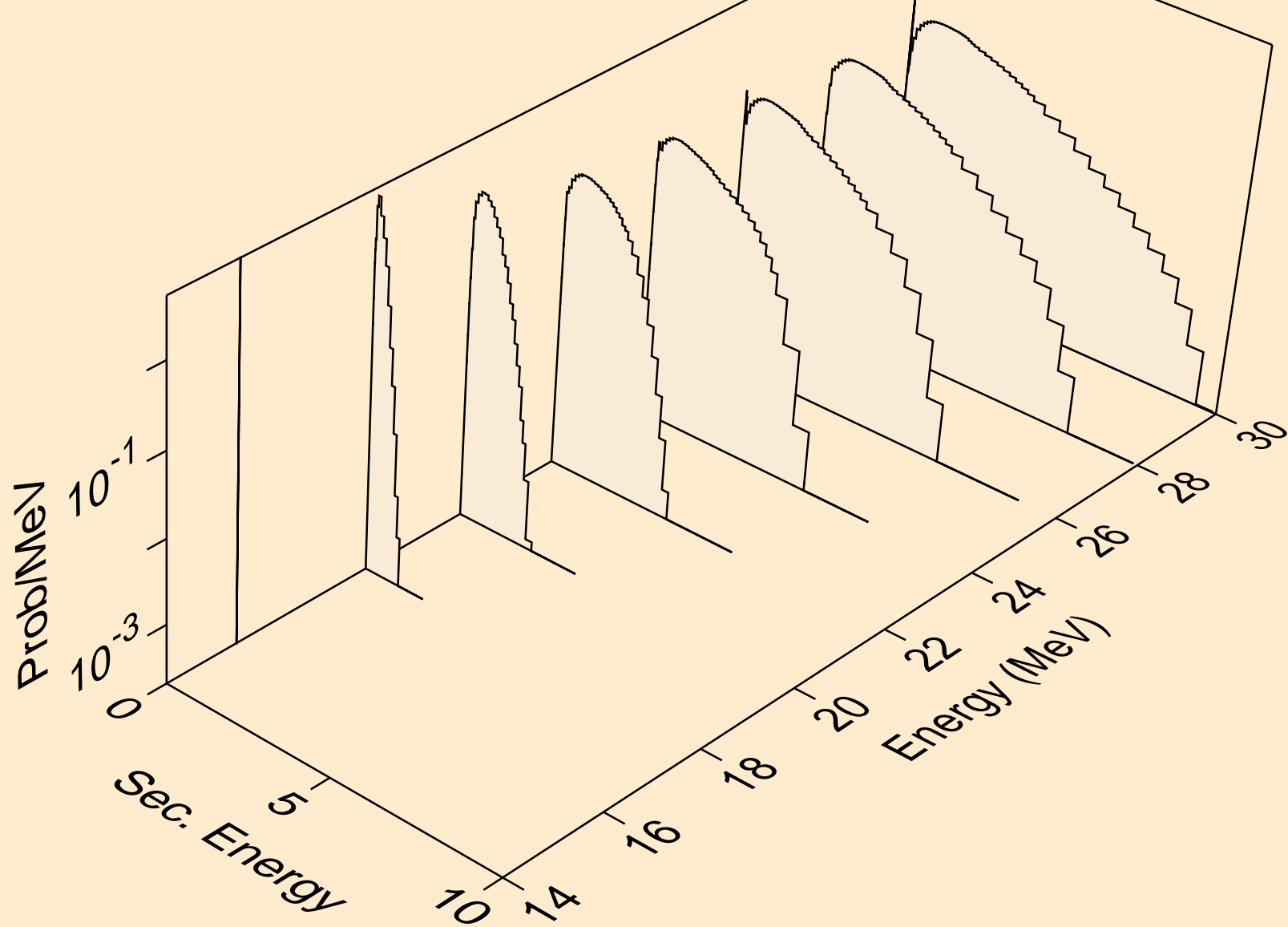
SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3n)



SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a

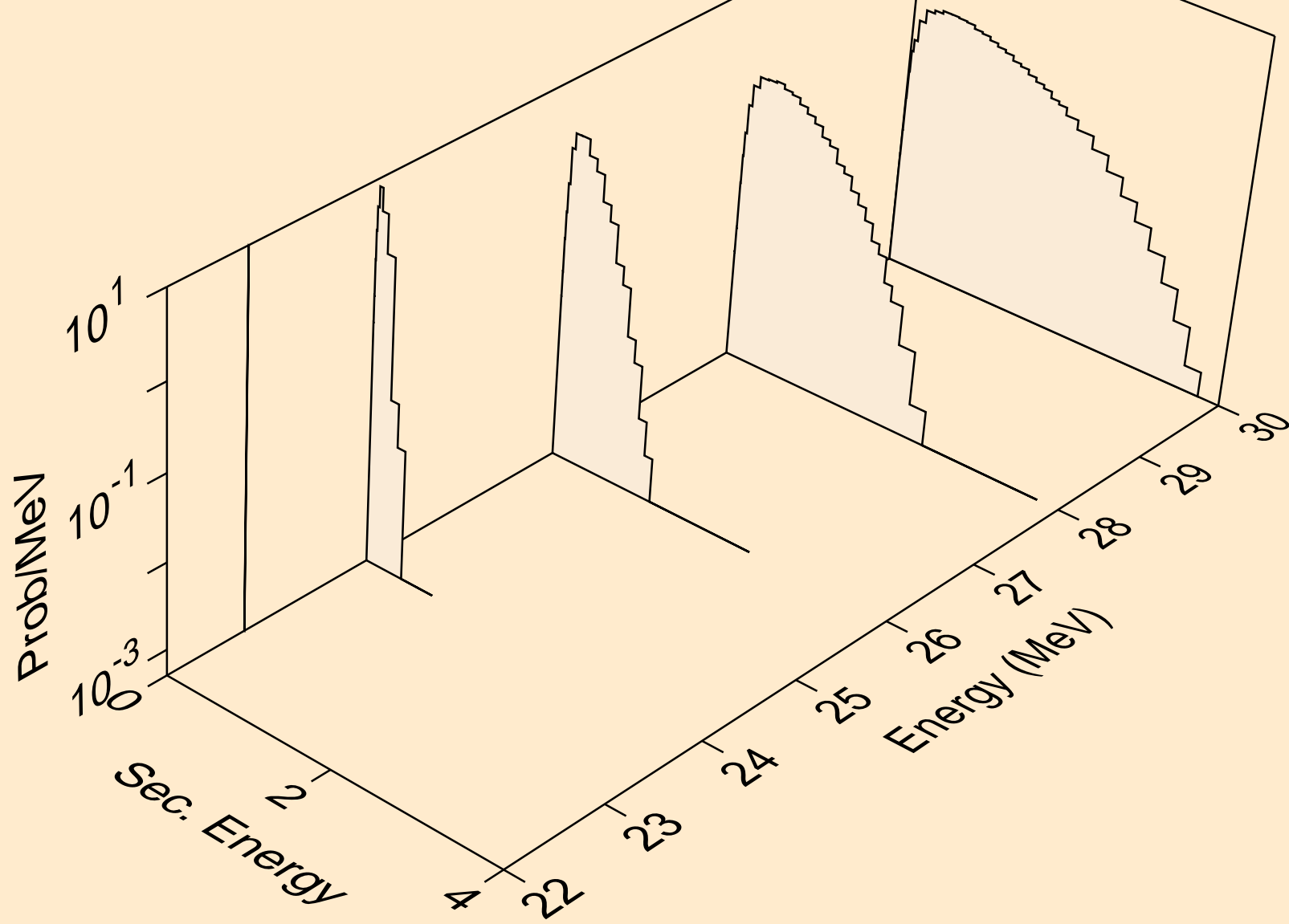


SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)a

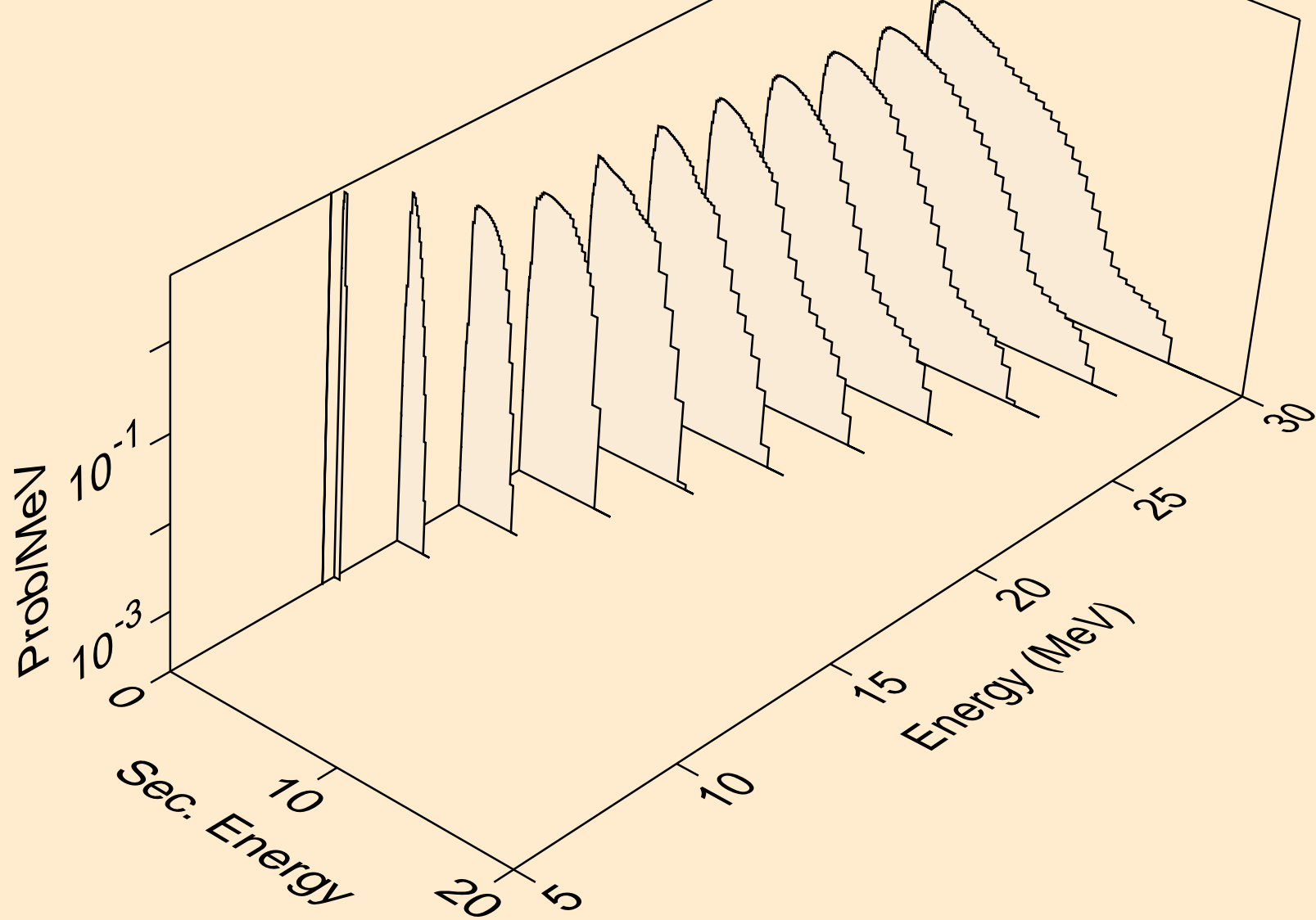




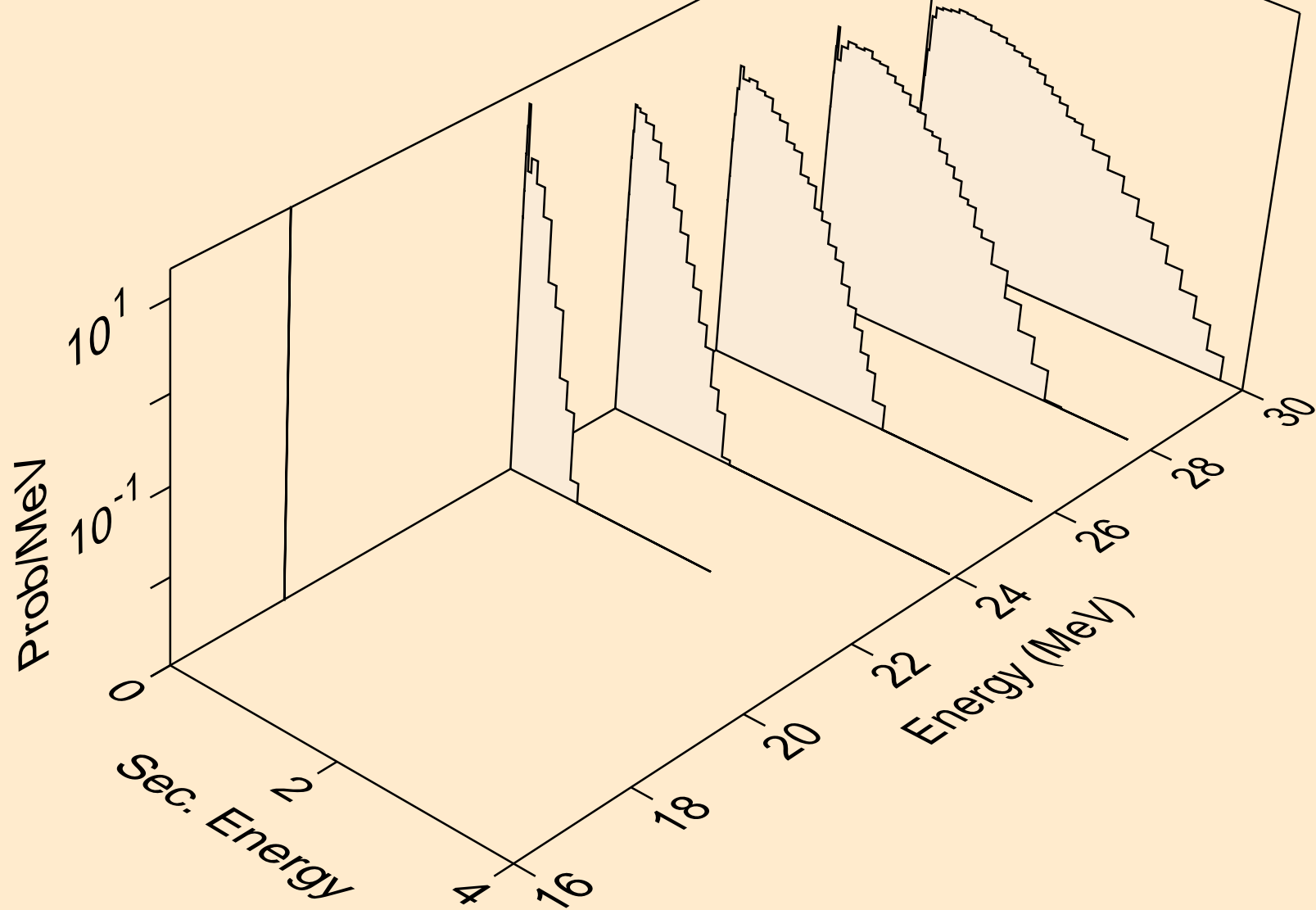
SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3n)a



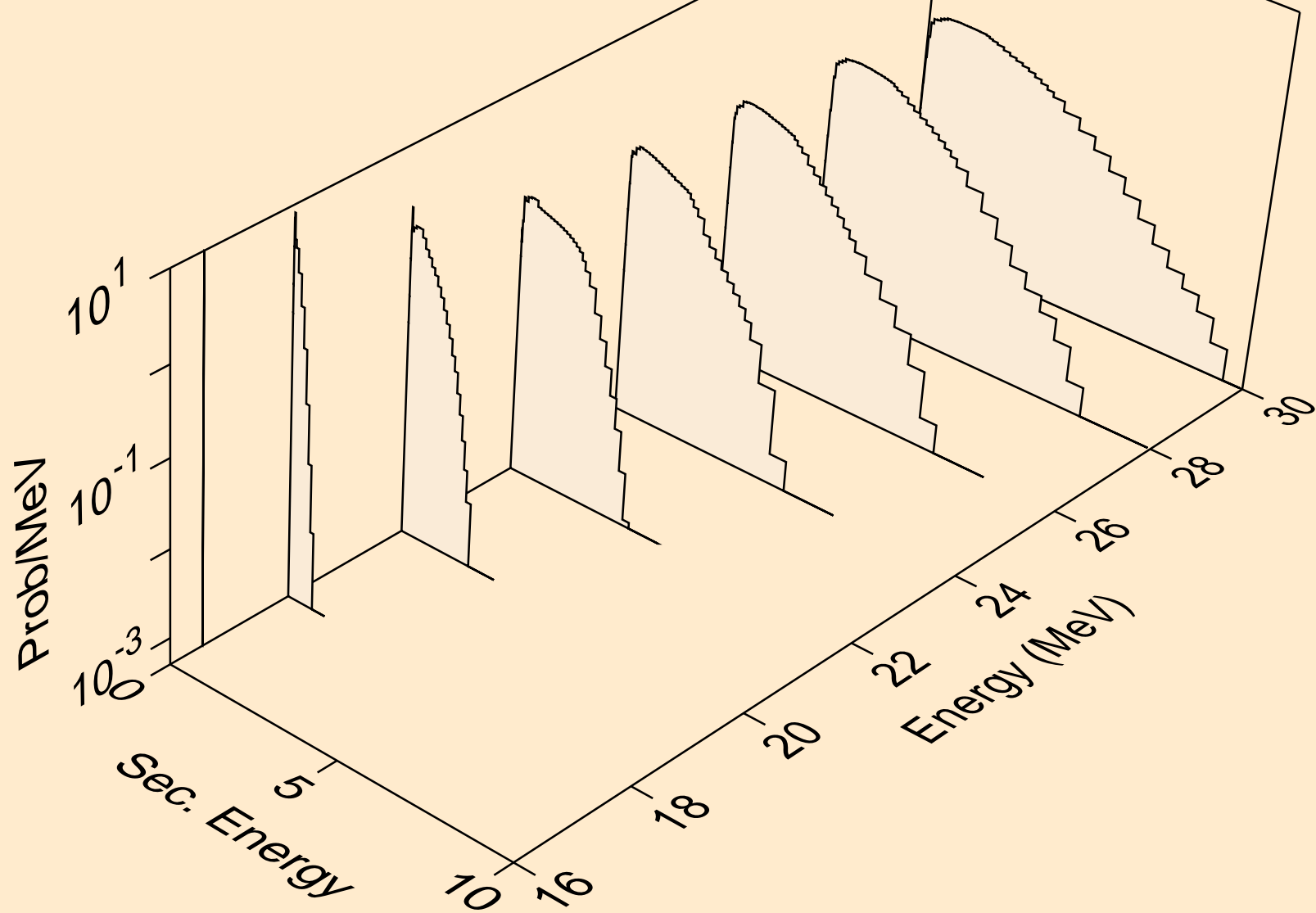
SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)p



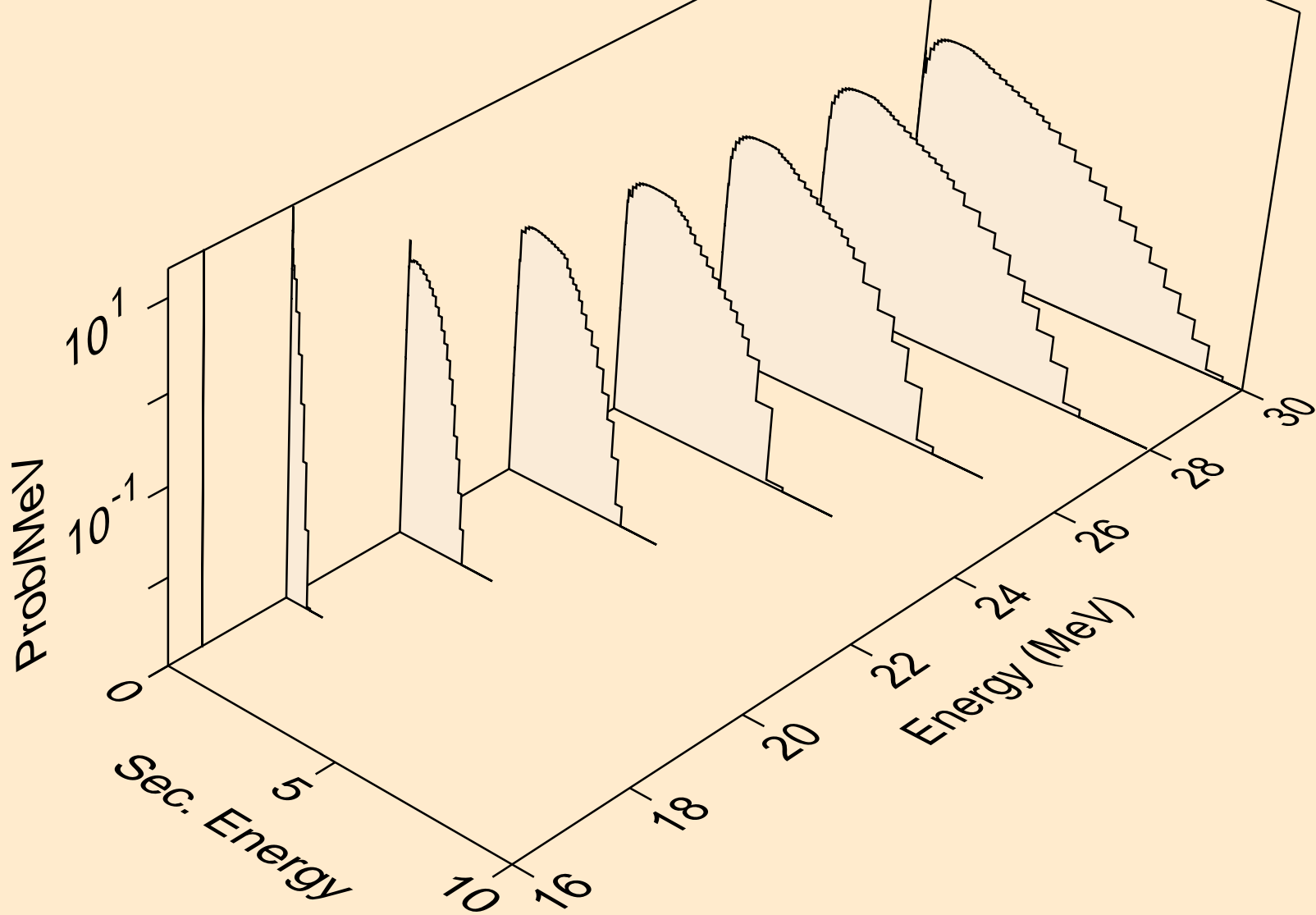
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neutrons from (a,n\*)2a



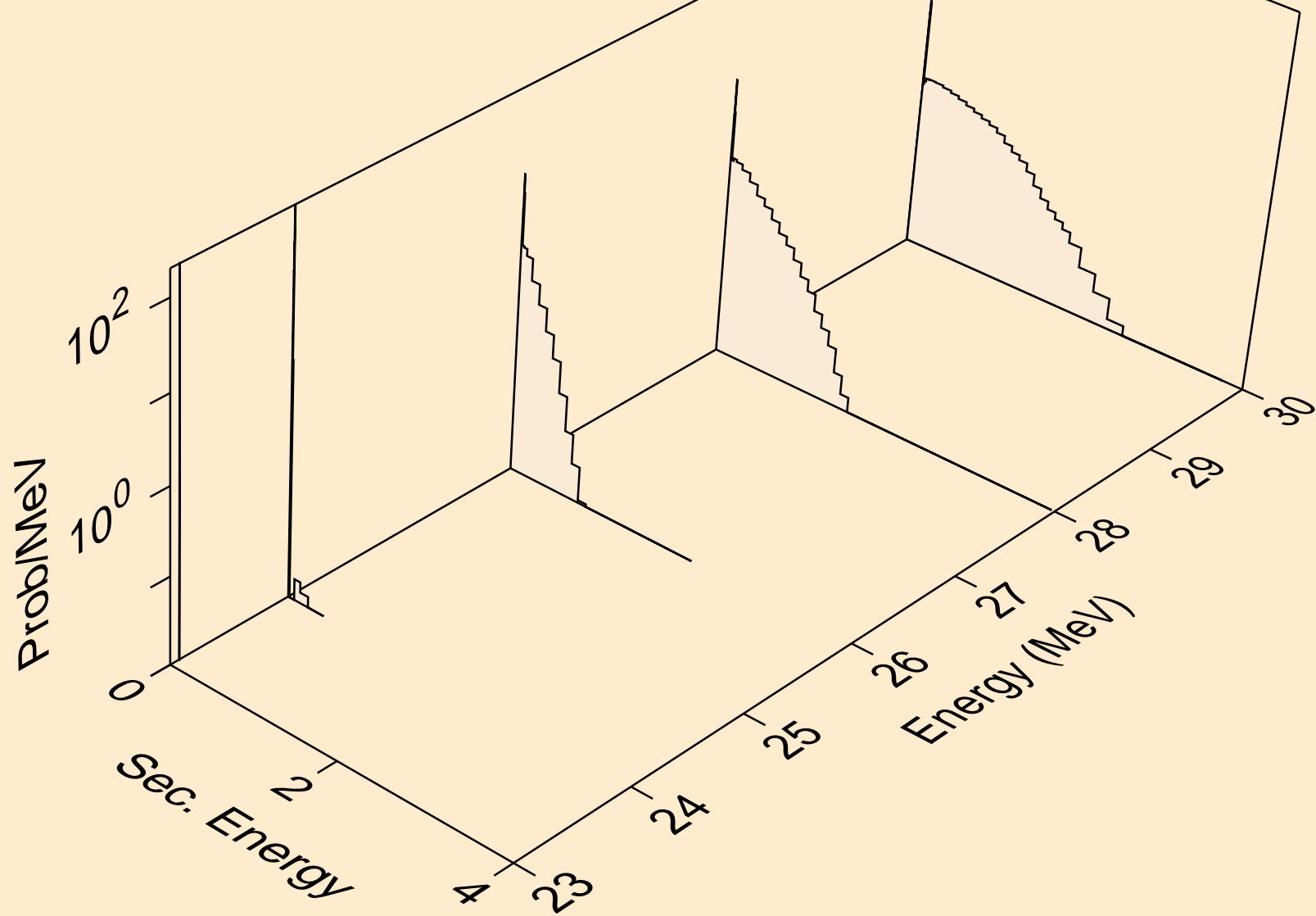
SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)d



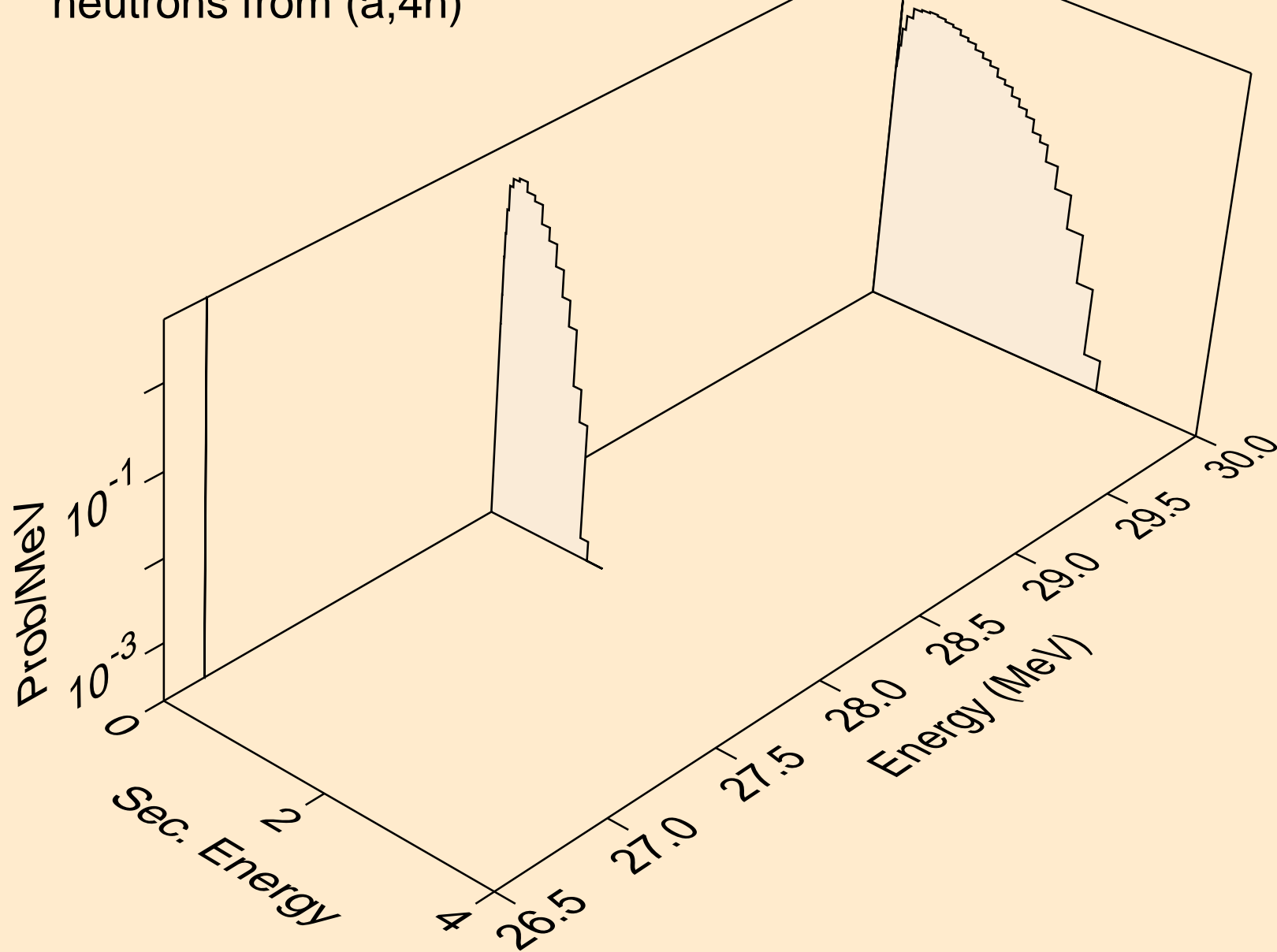
SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)t



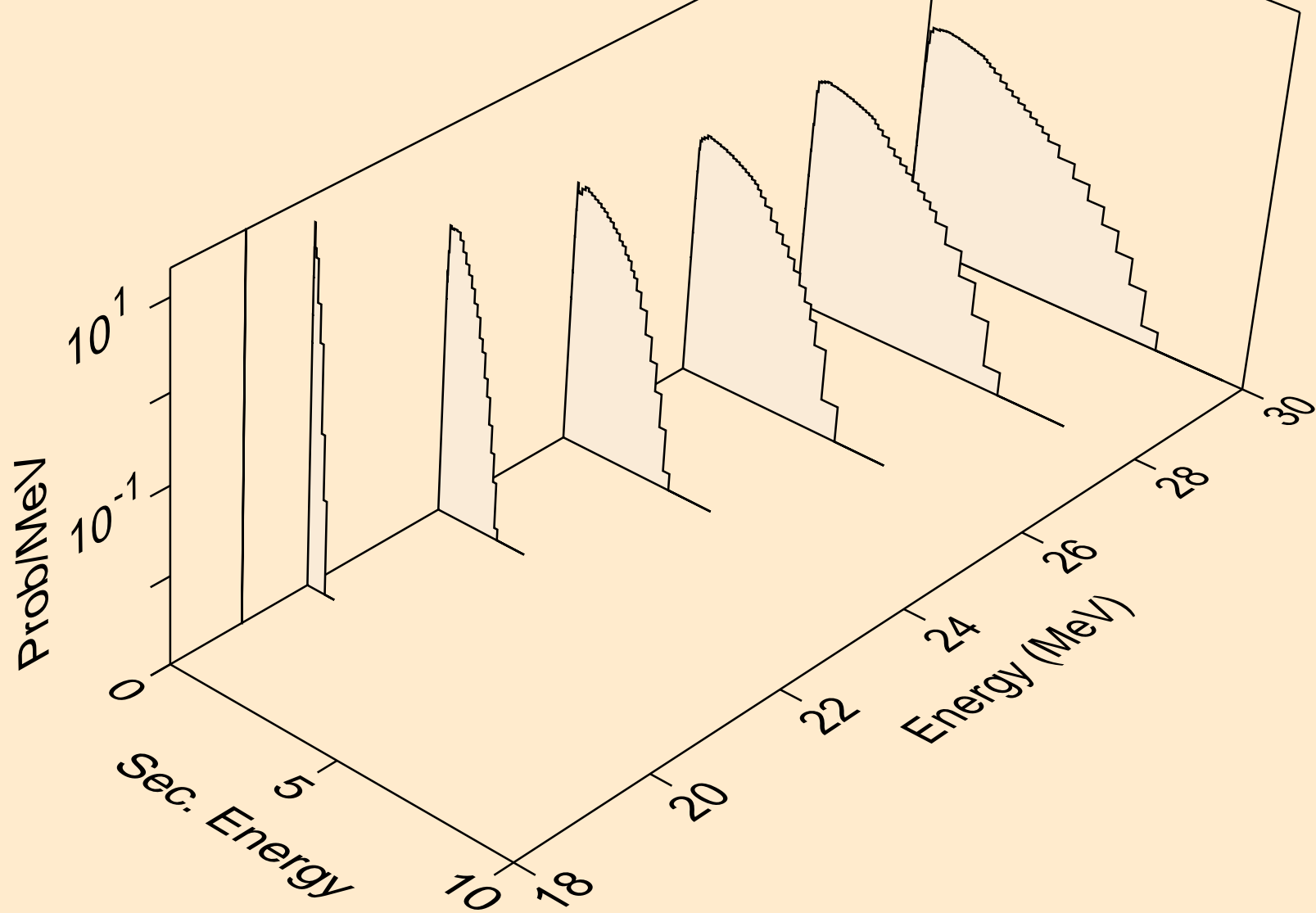
SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)he3



SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,4n)

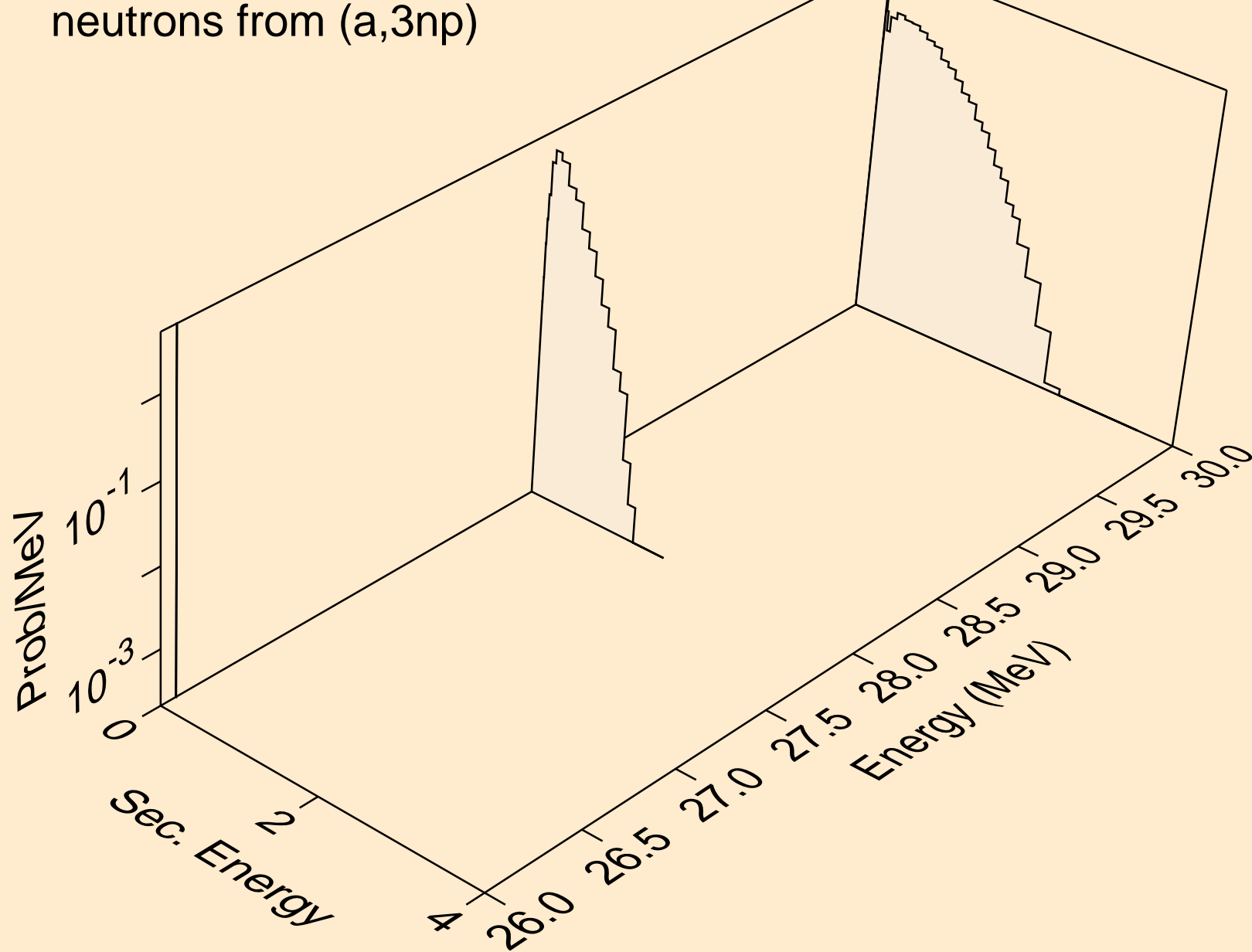


SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2np)

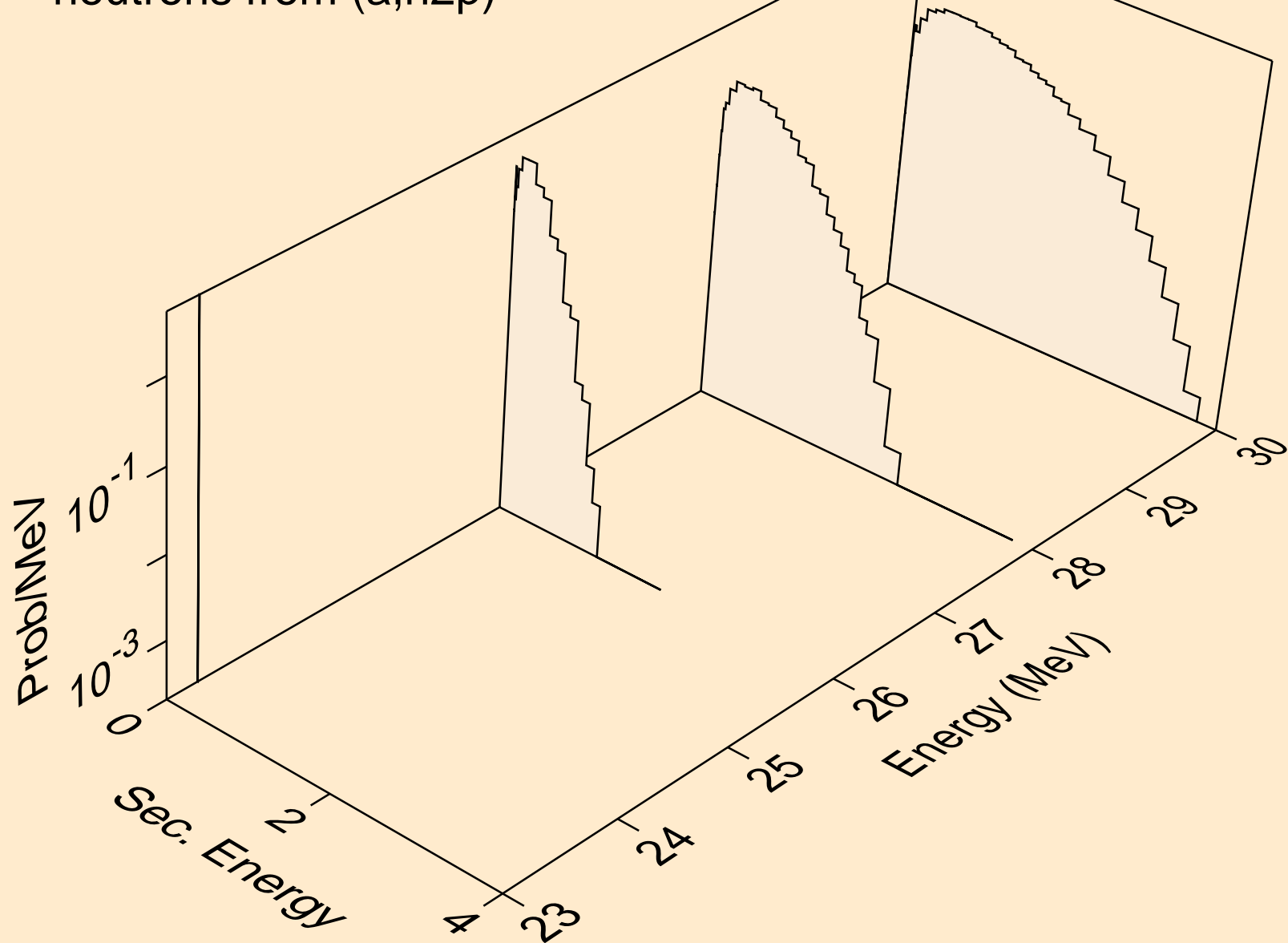




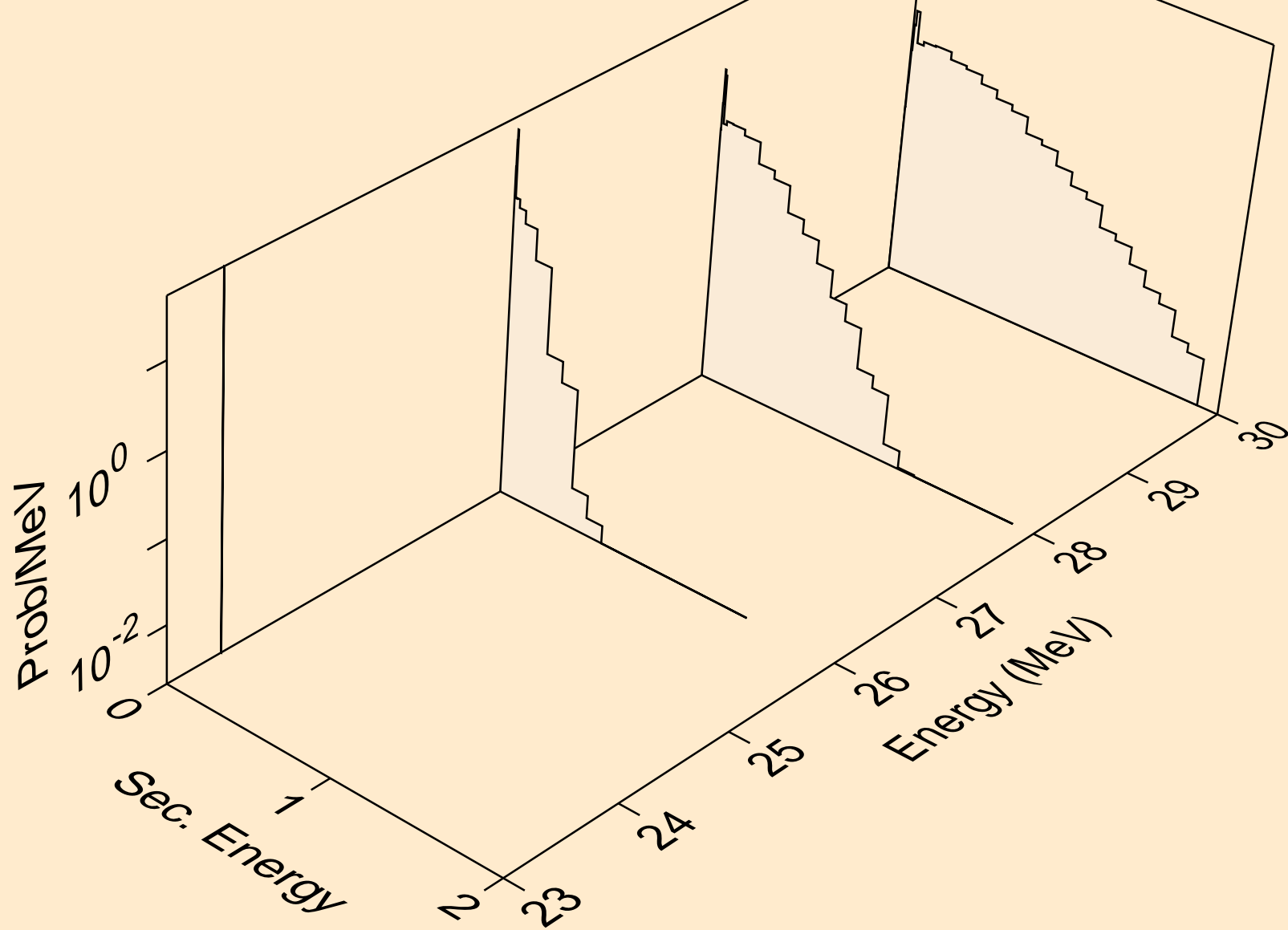
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neutrons from (a,3np)



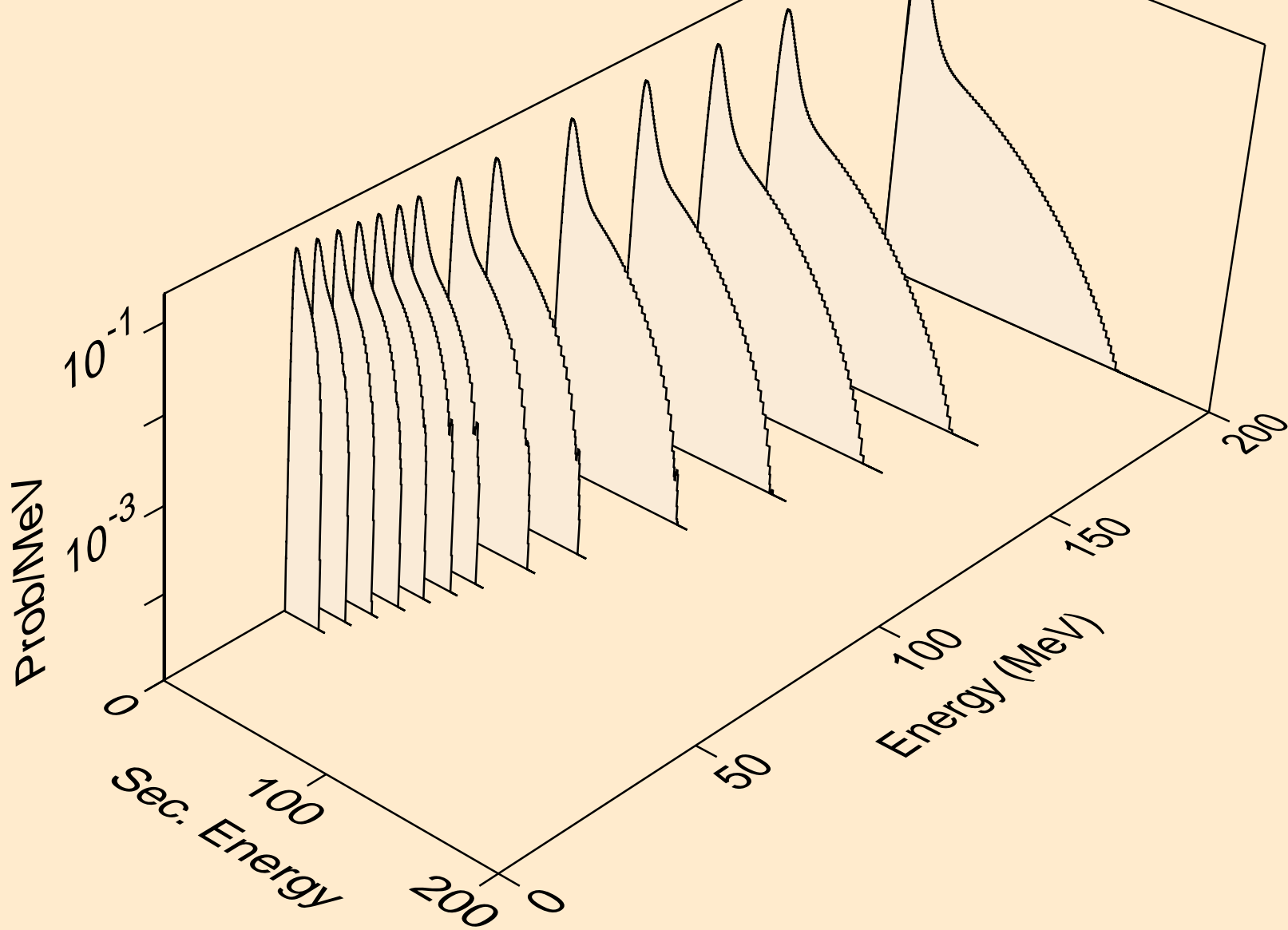
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neutrons from (a,n2p)



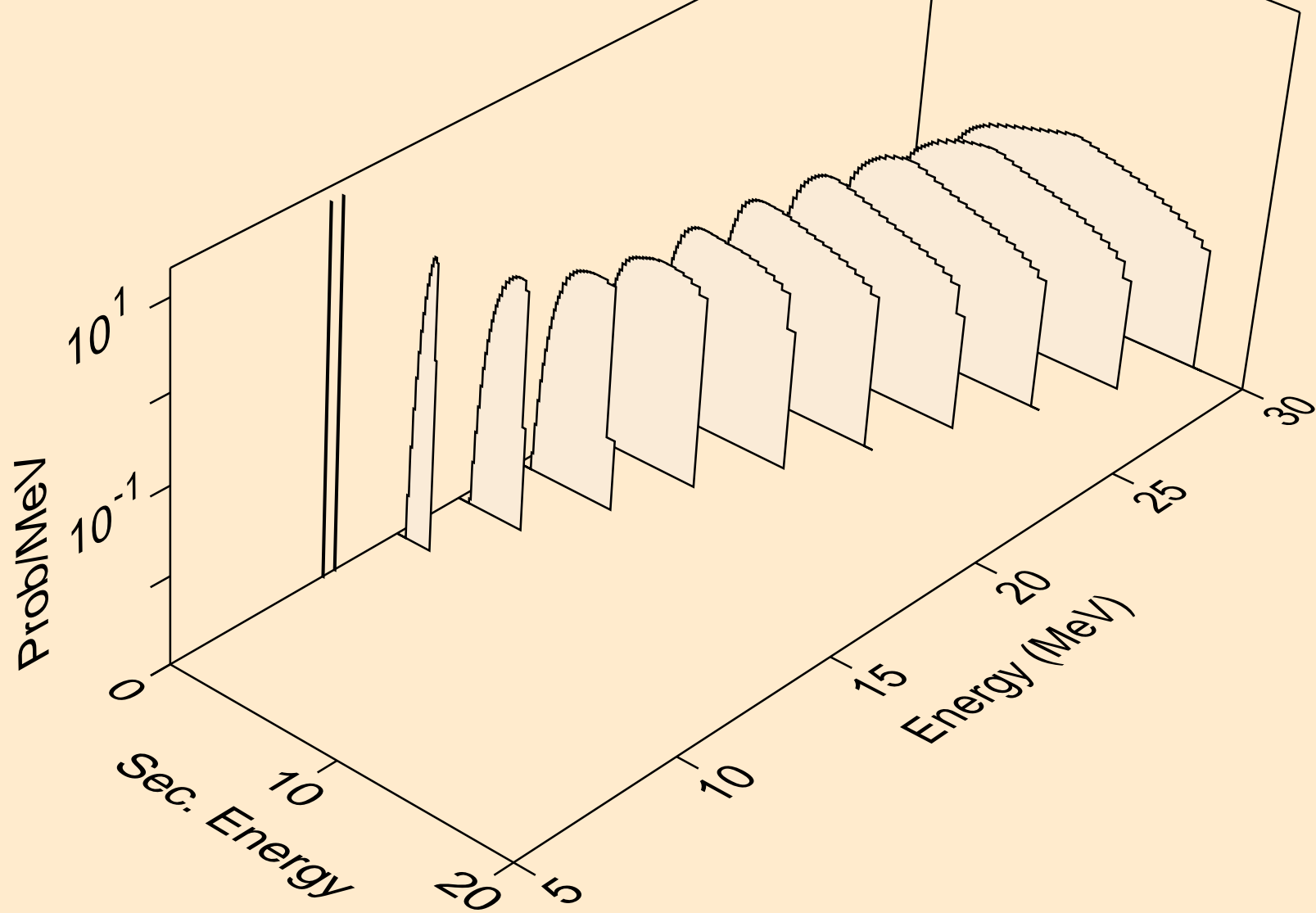
SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,npa)



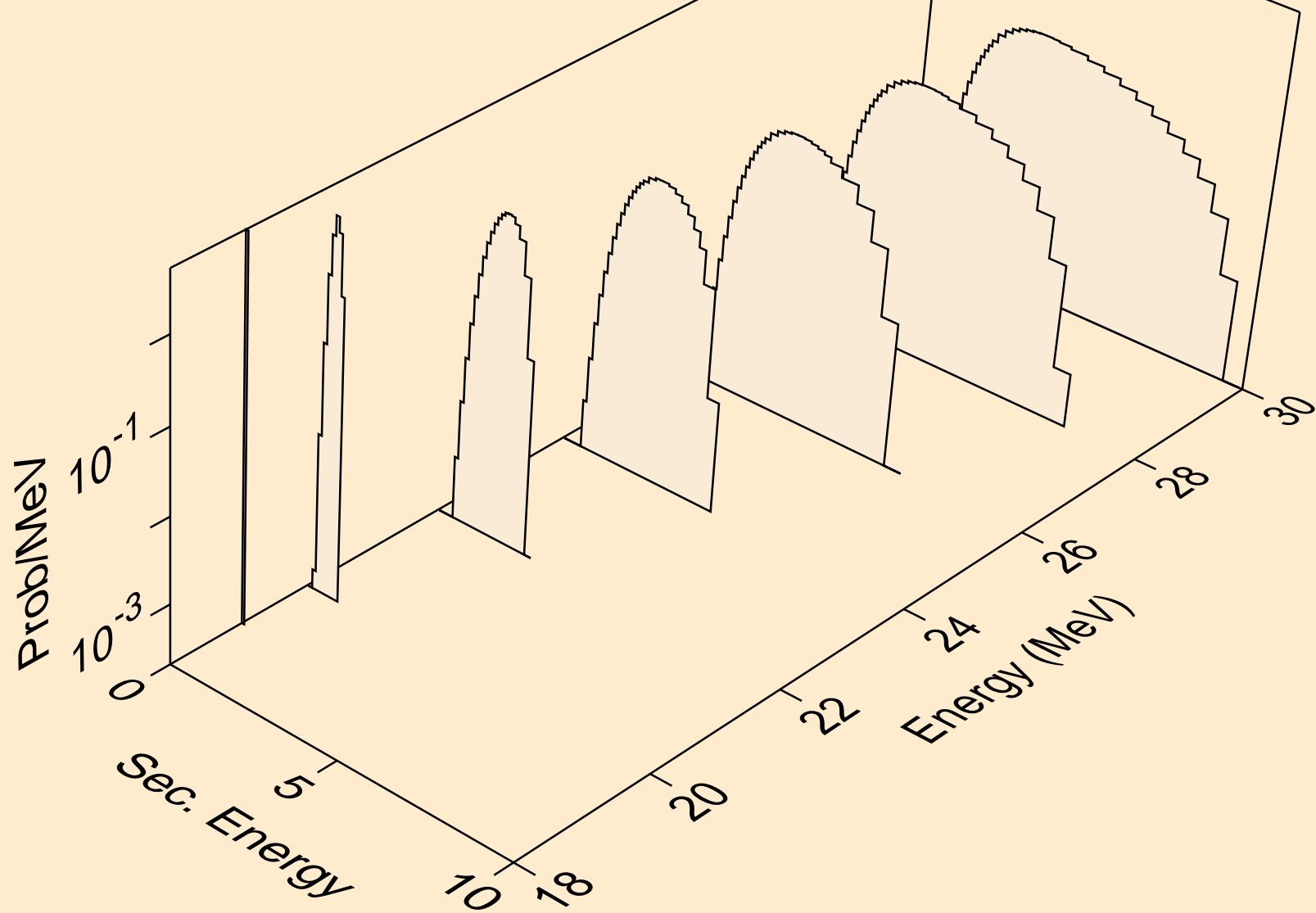
SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,x)



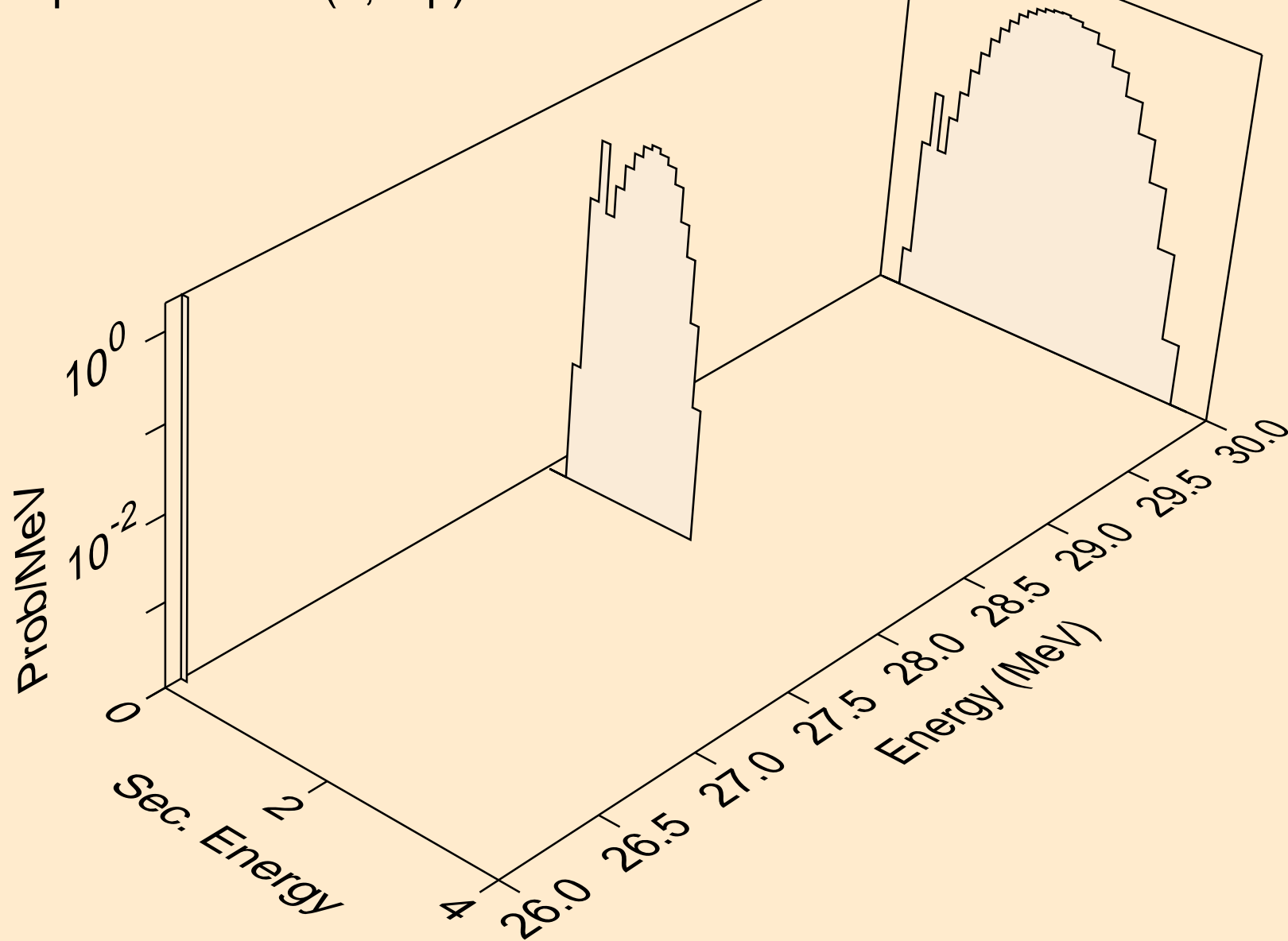
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protons from (a,n\*)p



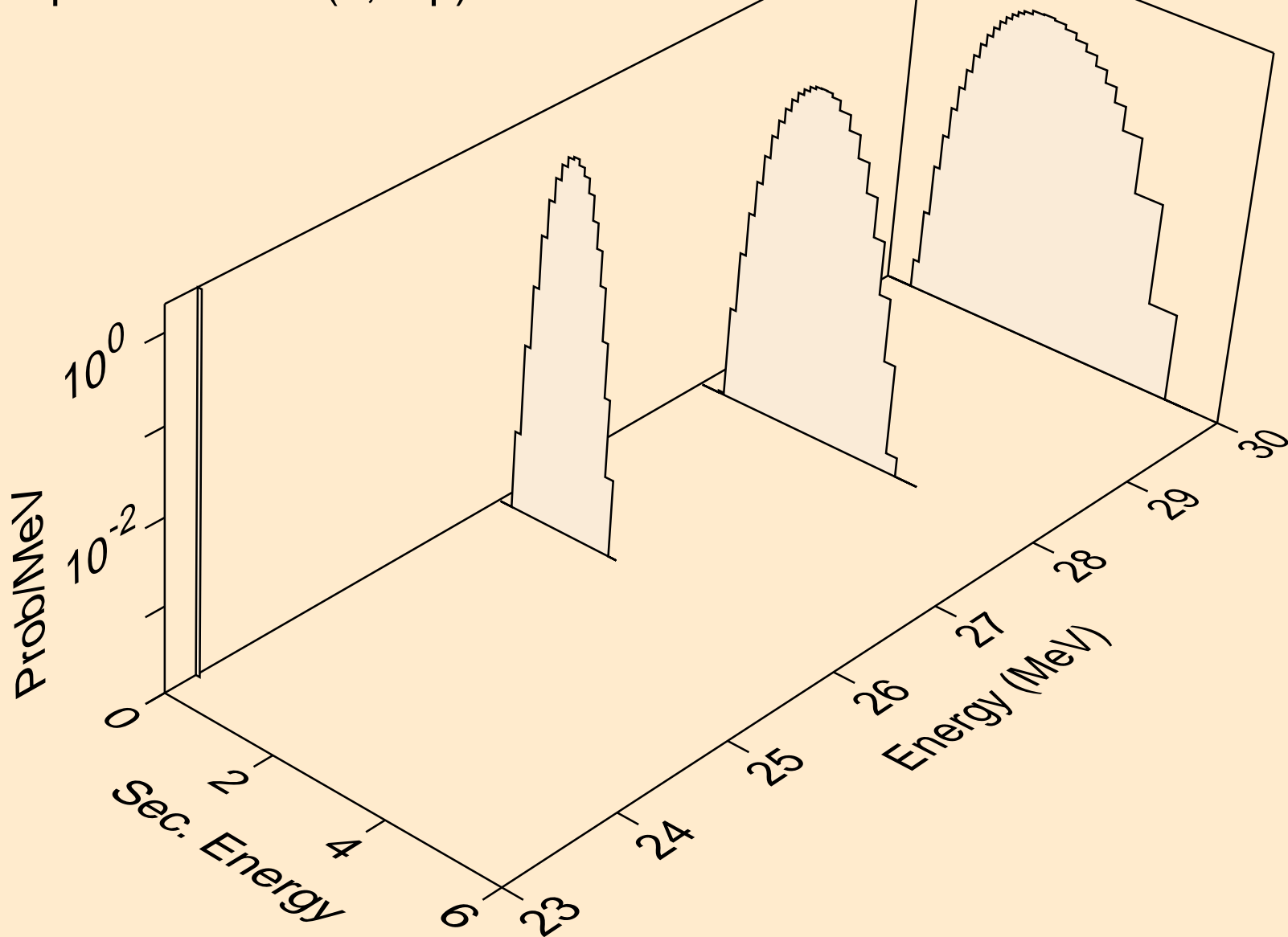
SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2np)



SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,3np)

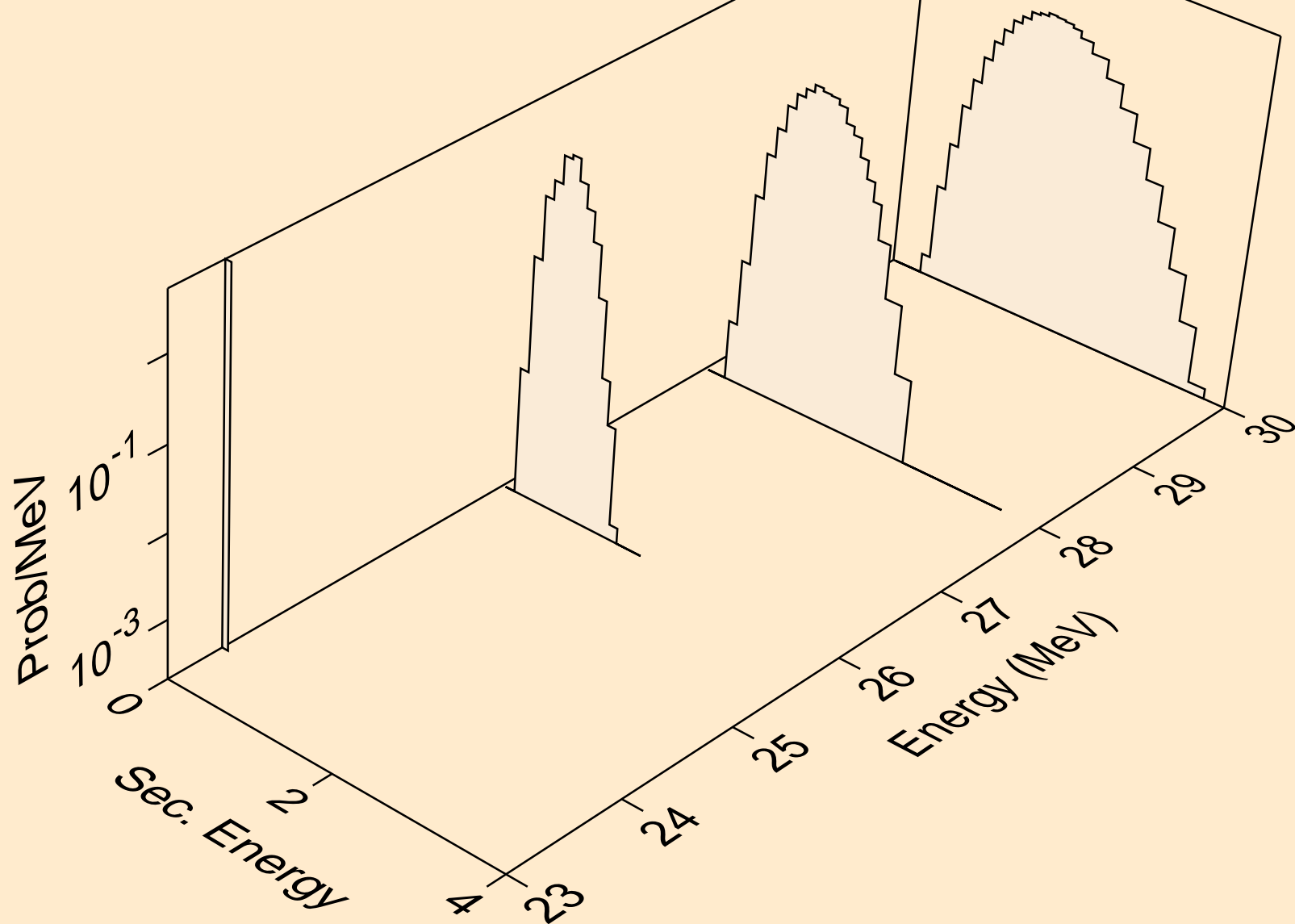


SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n2p)

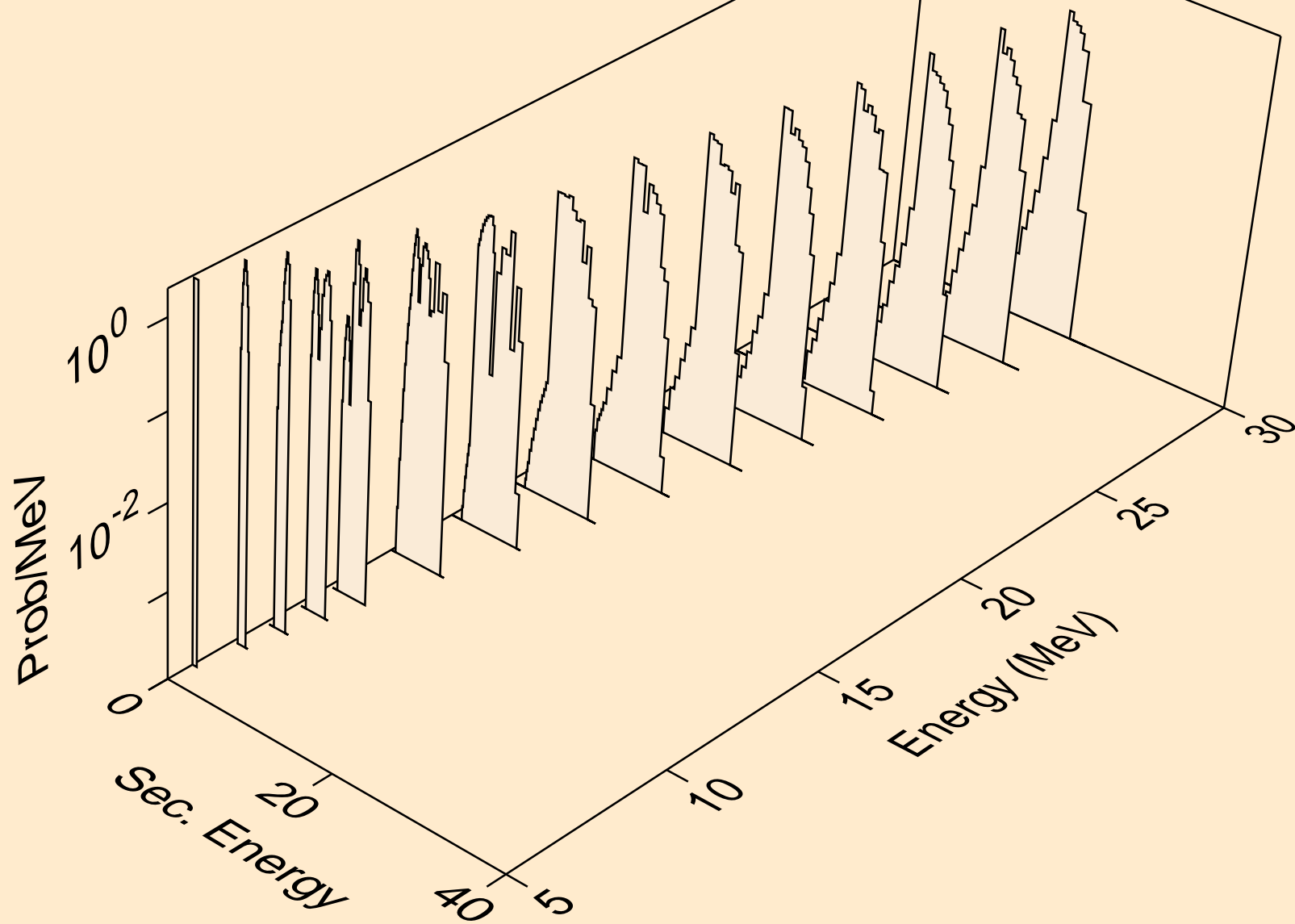




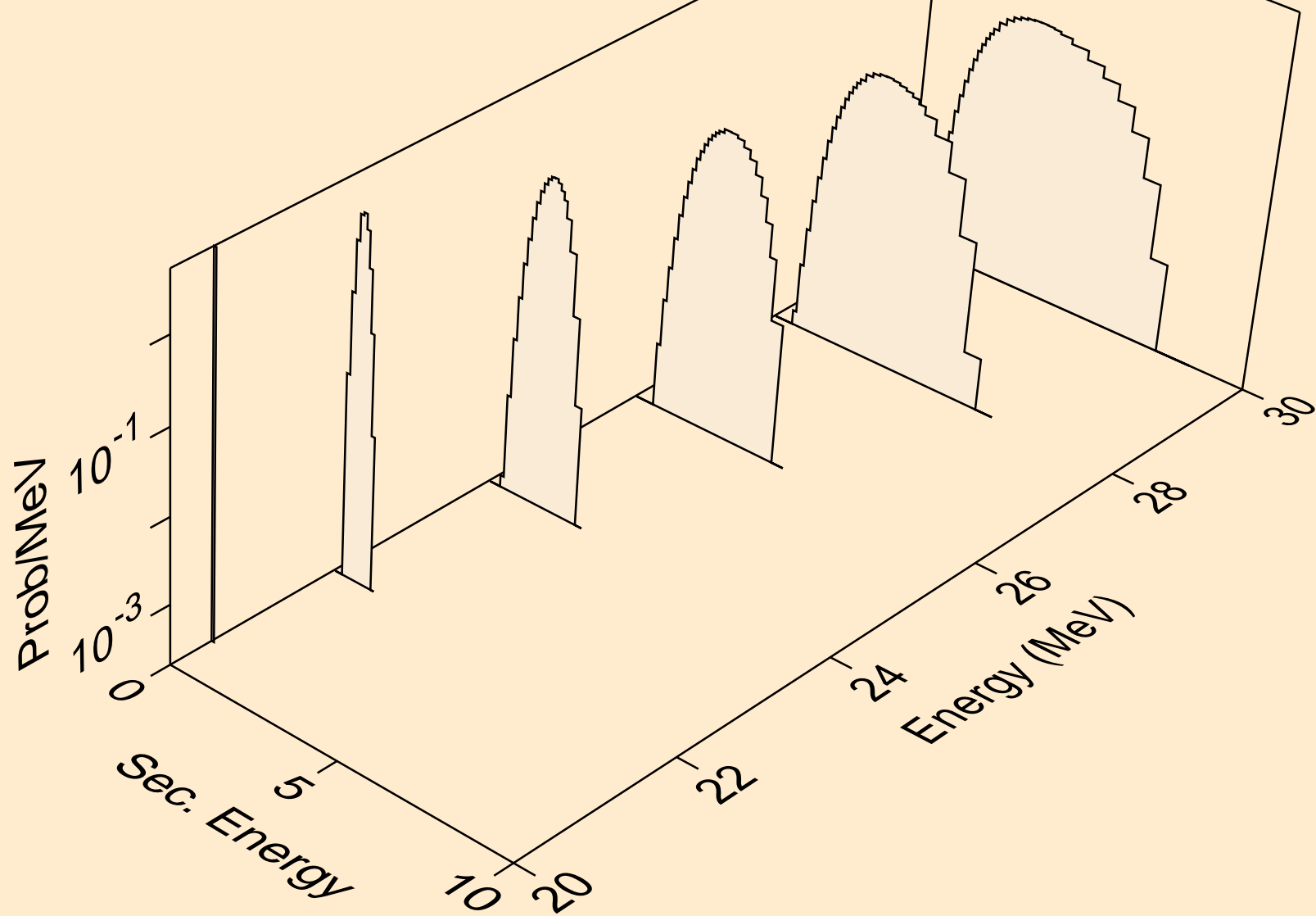
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protons from (a,npa)



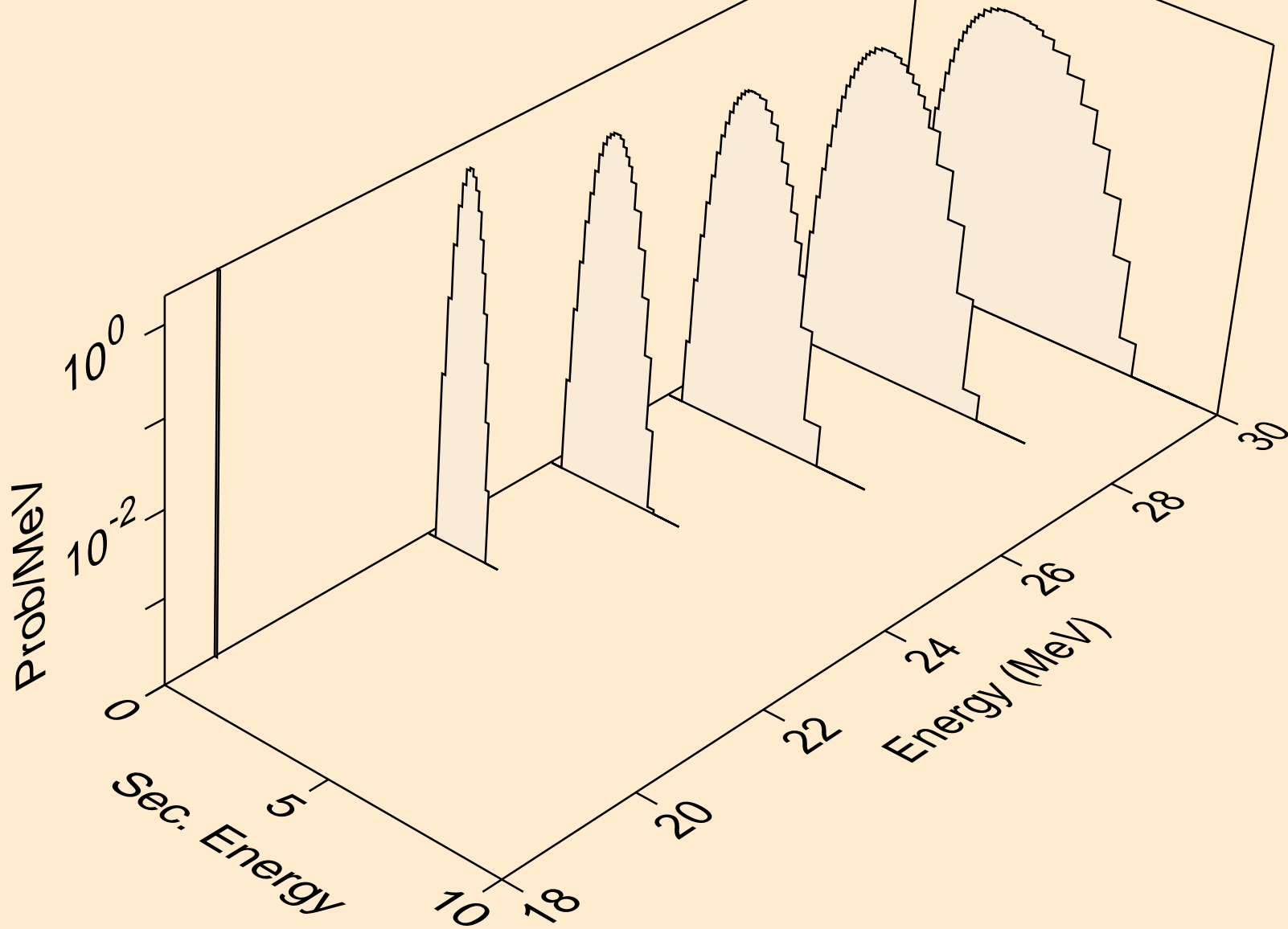
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protons from (a,p)



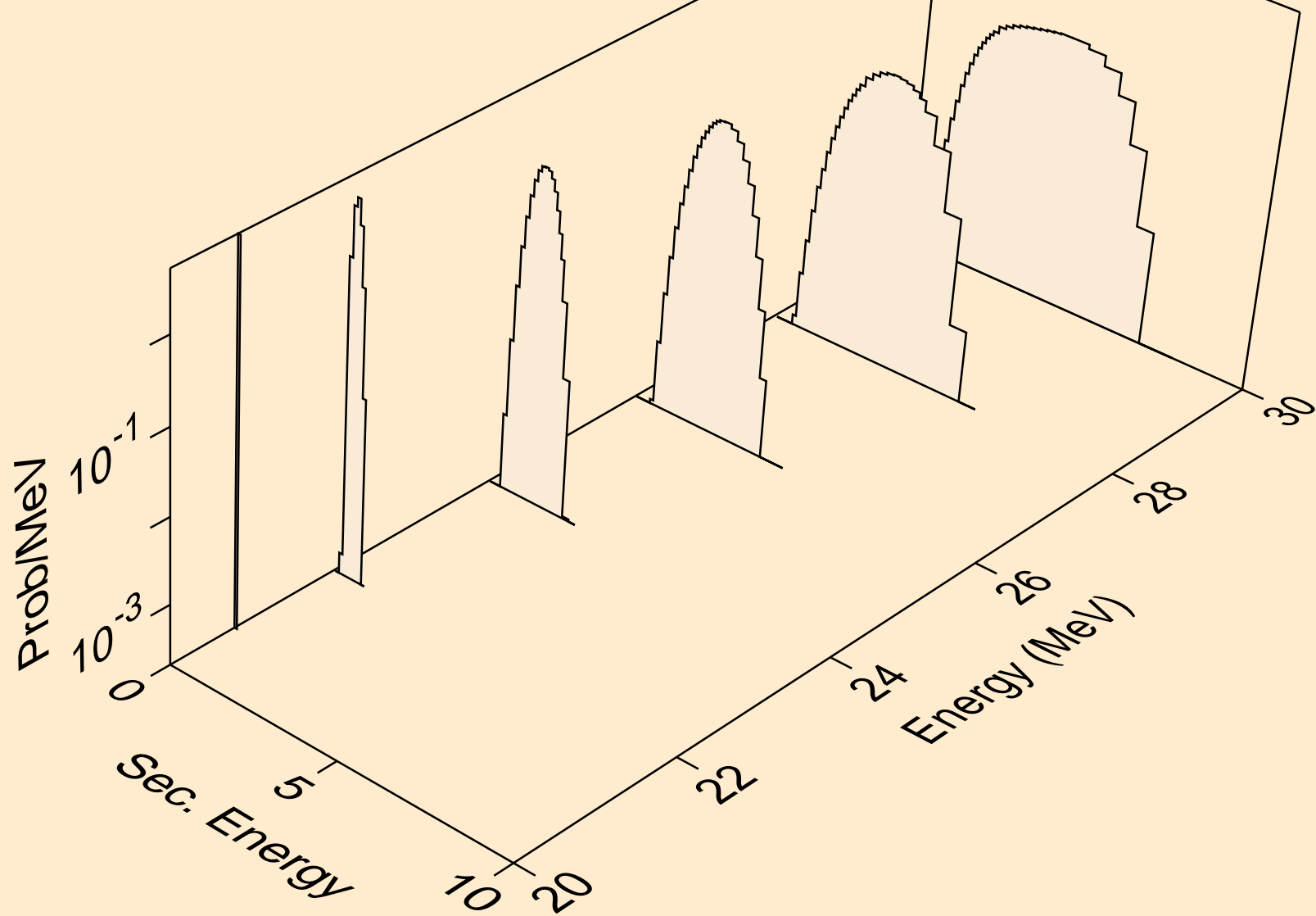
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protons from (a,2p)



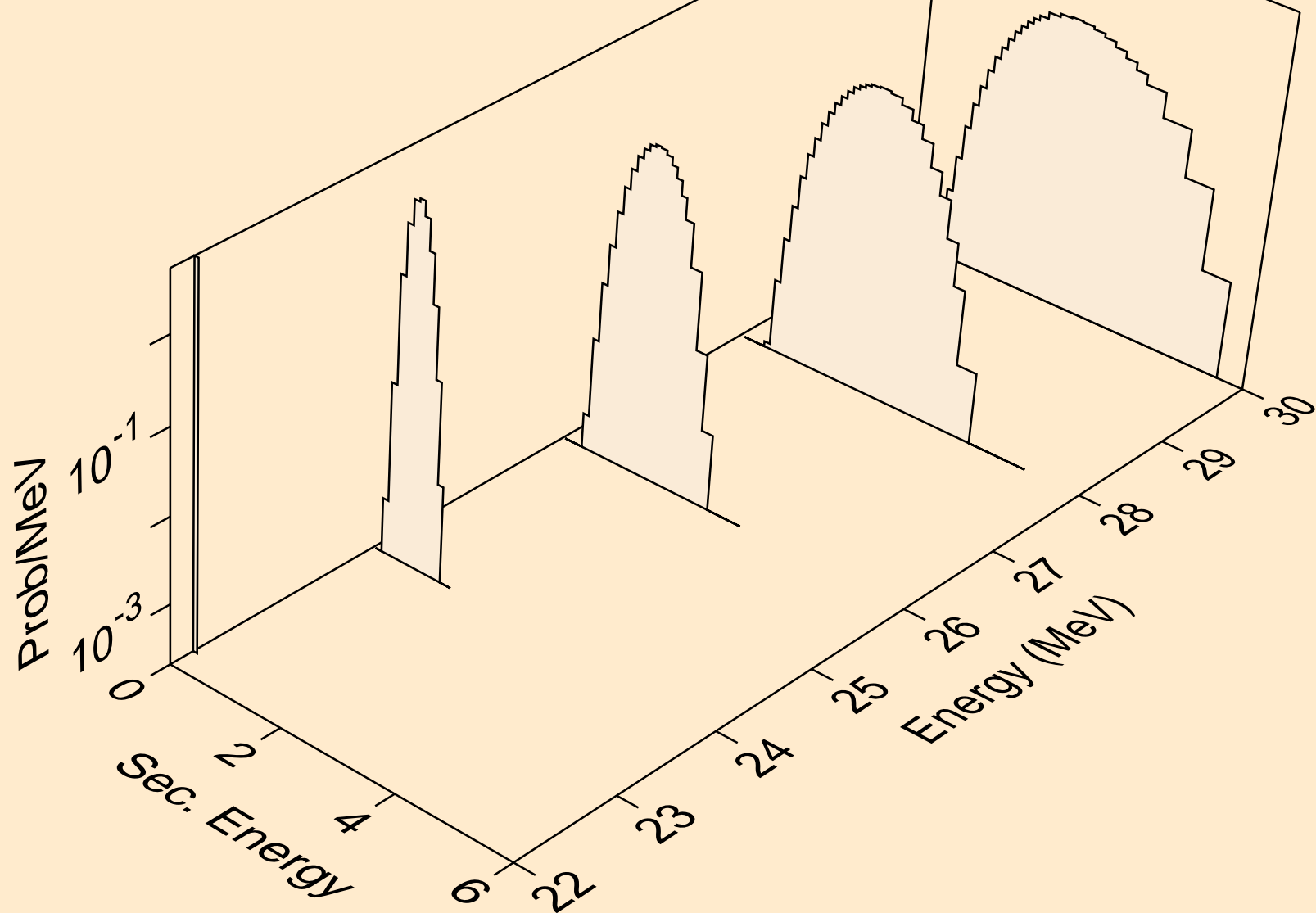
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protons from (a,pa)



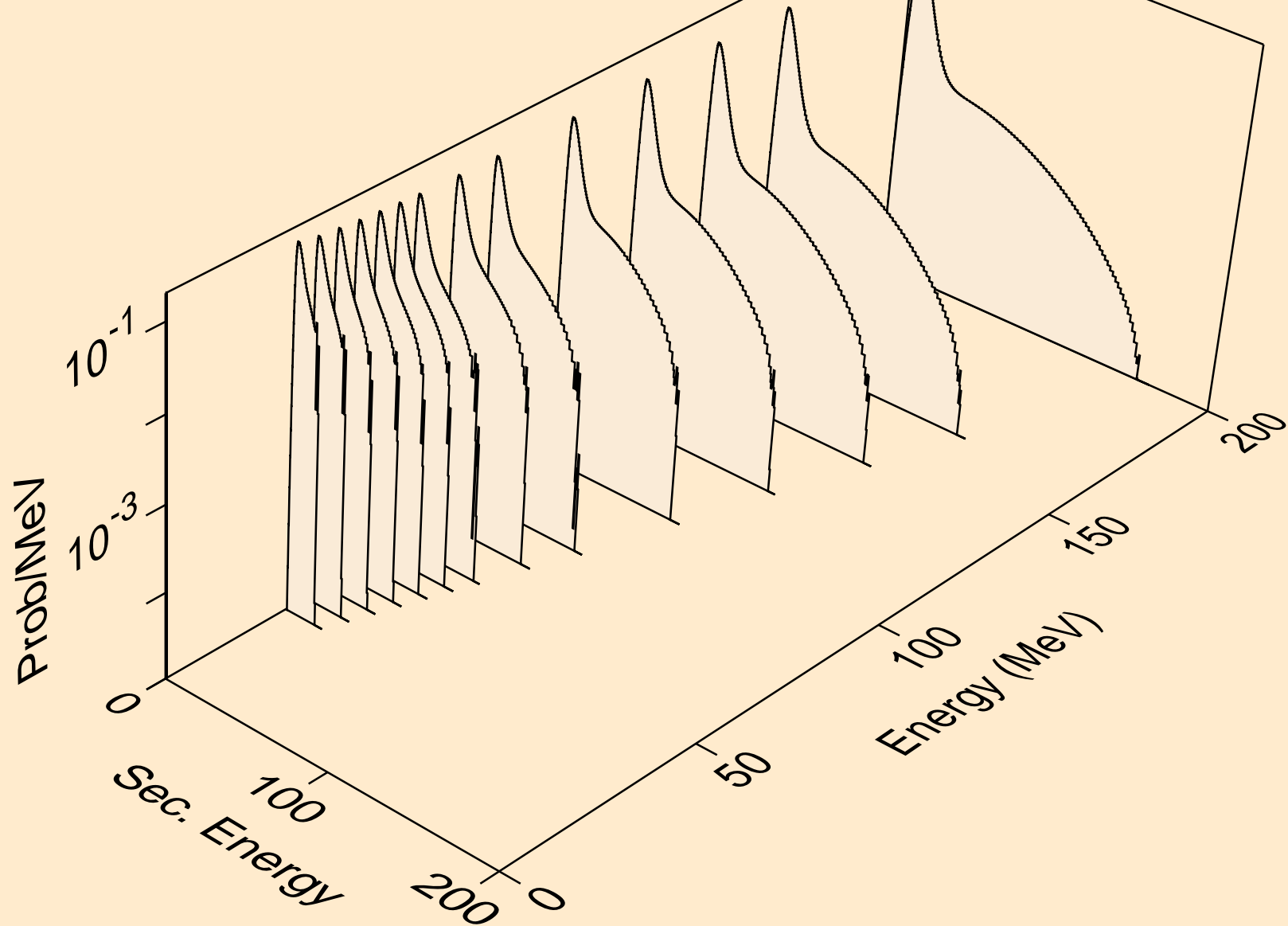
SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pd)



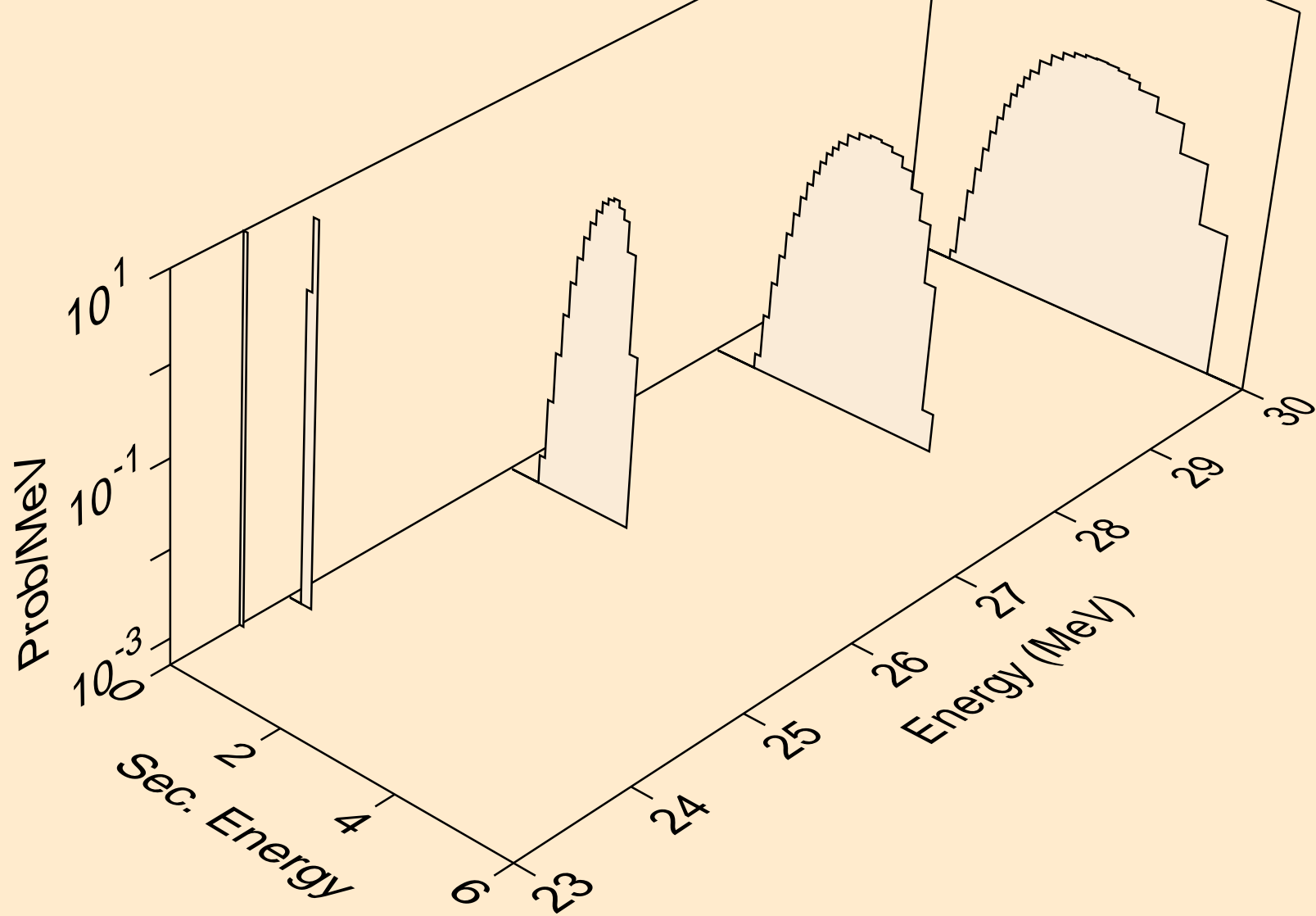
SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pt)



SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)

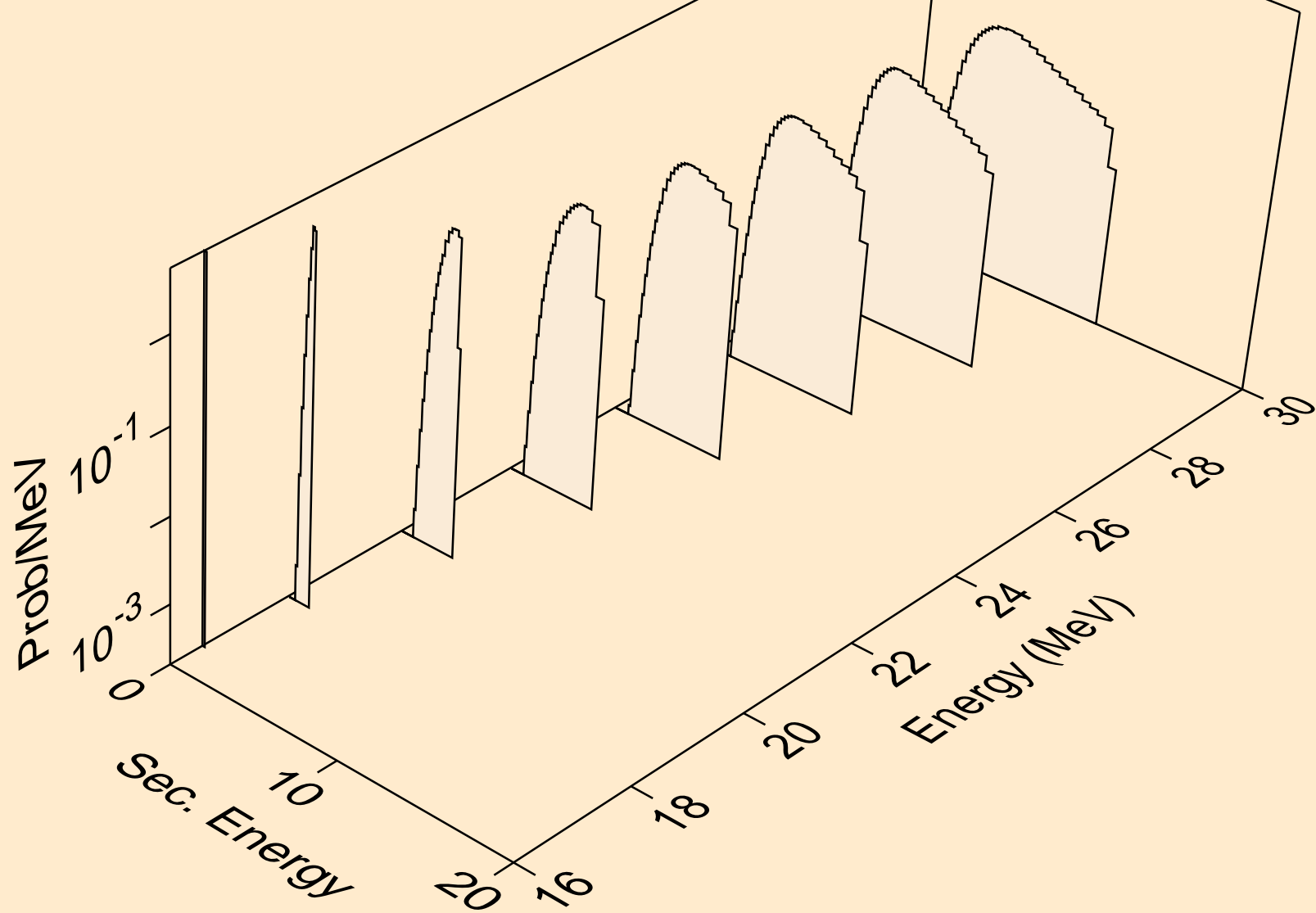


SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,2nd)

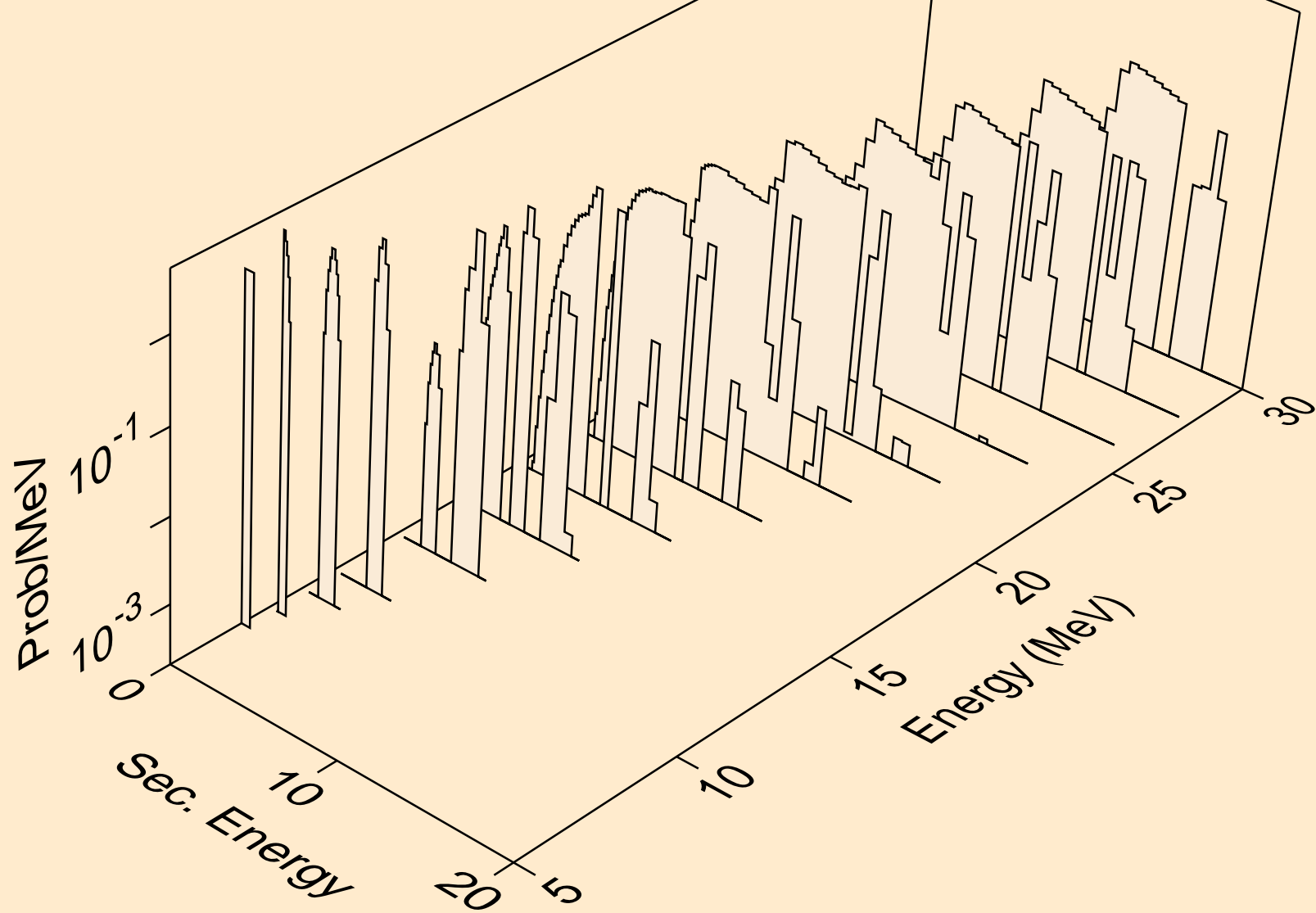




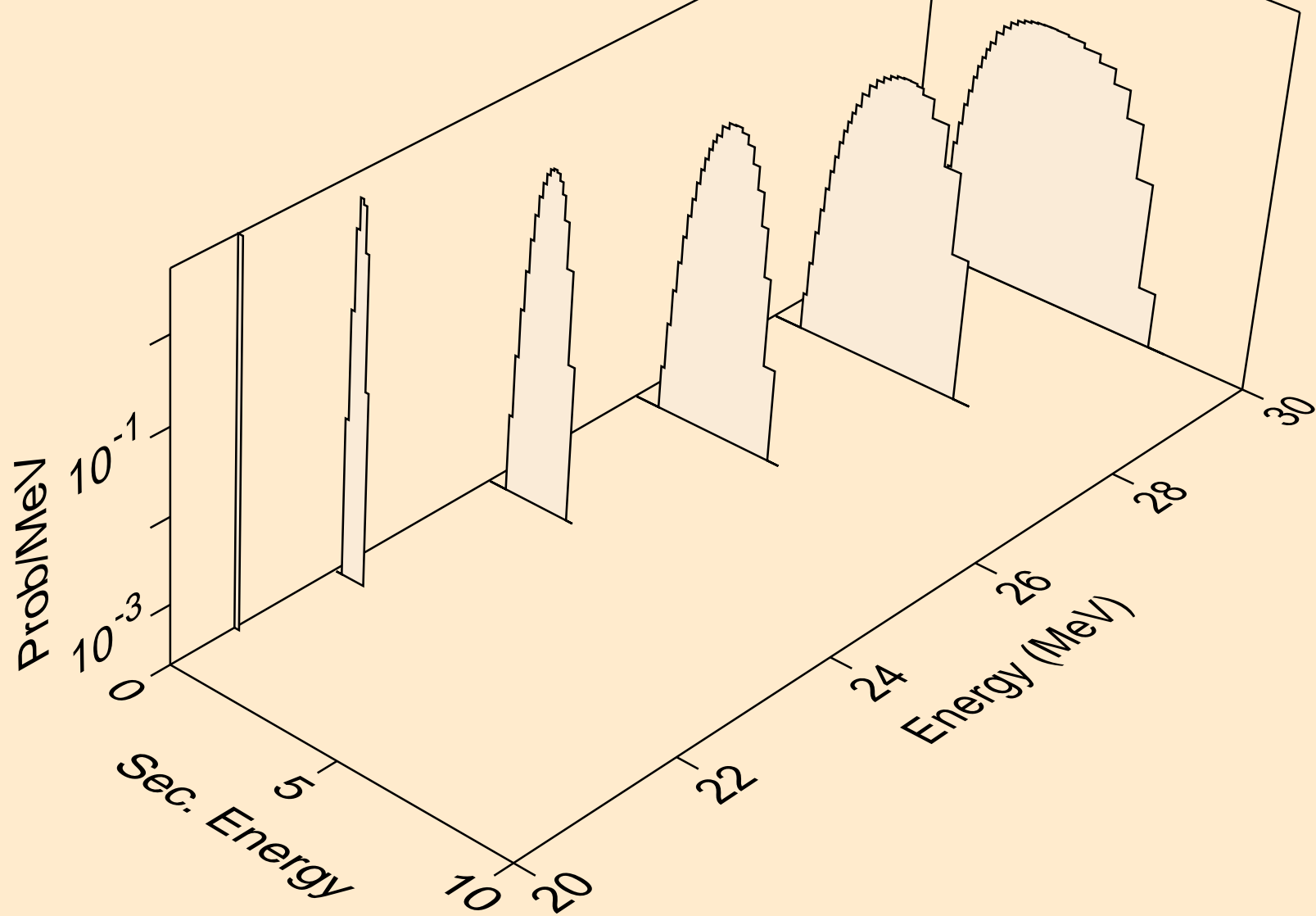
SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,n\*)d



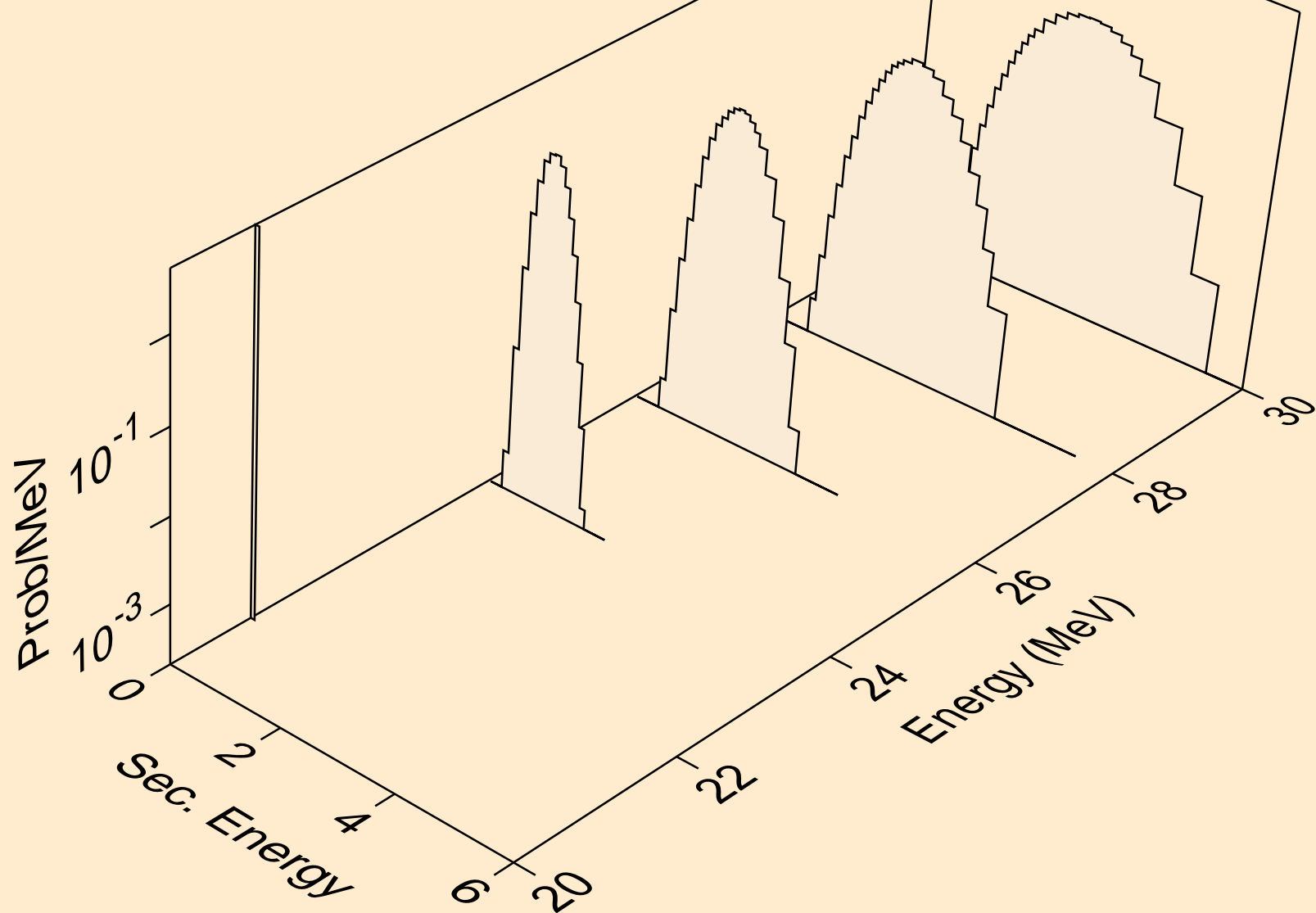
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deuterons from (a,d)



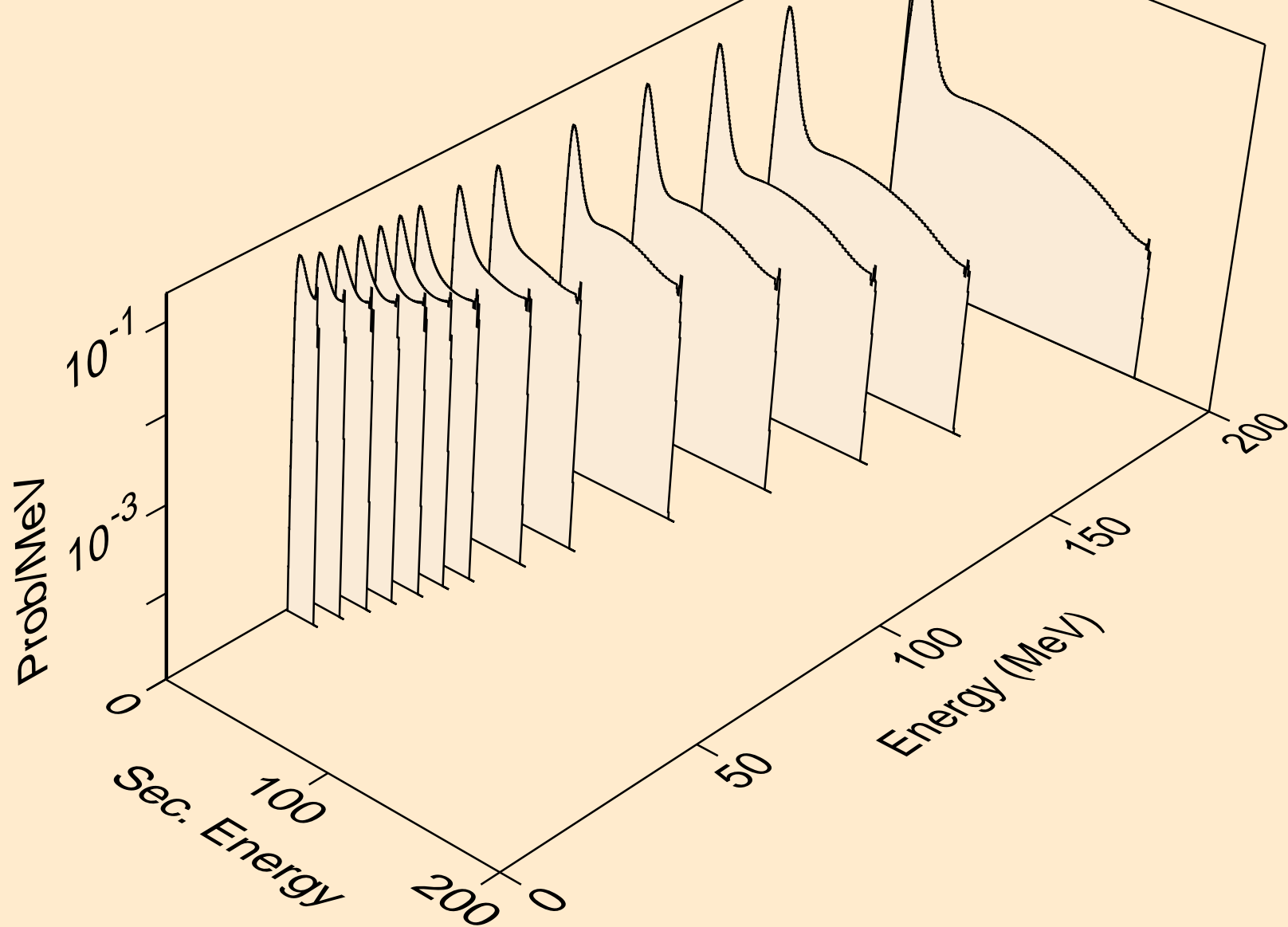
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deuterons from (a,pd)



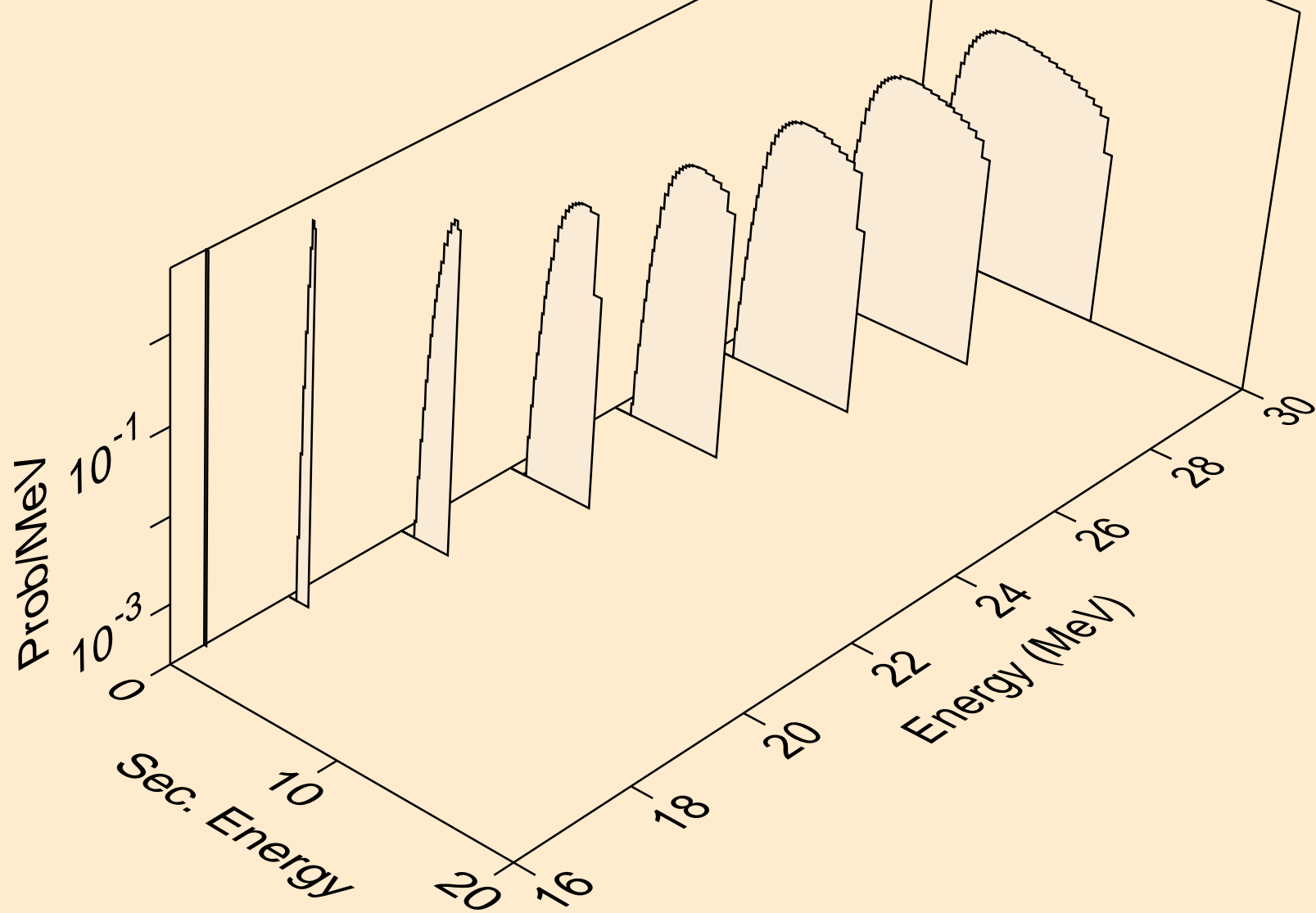
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deuterons from (a,da)



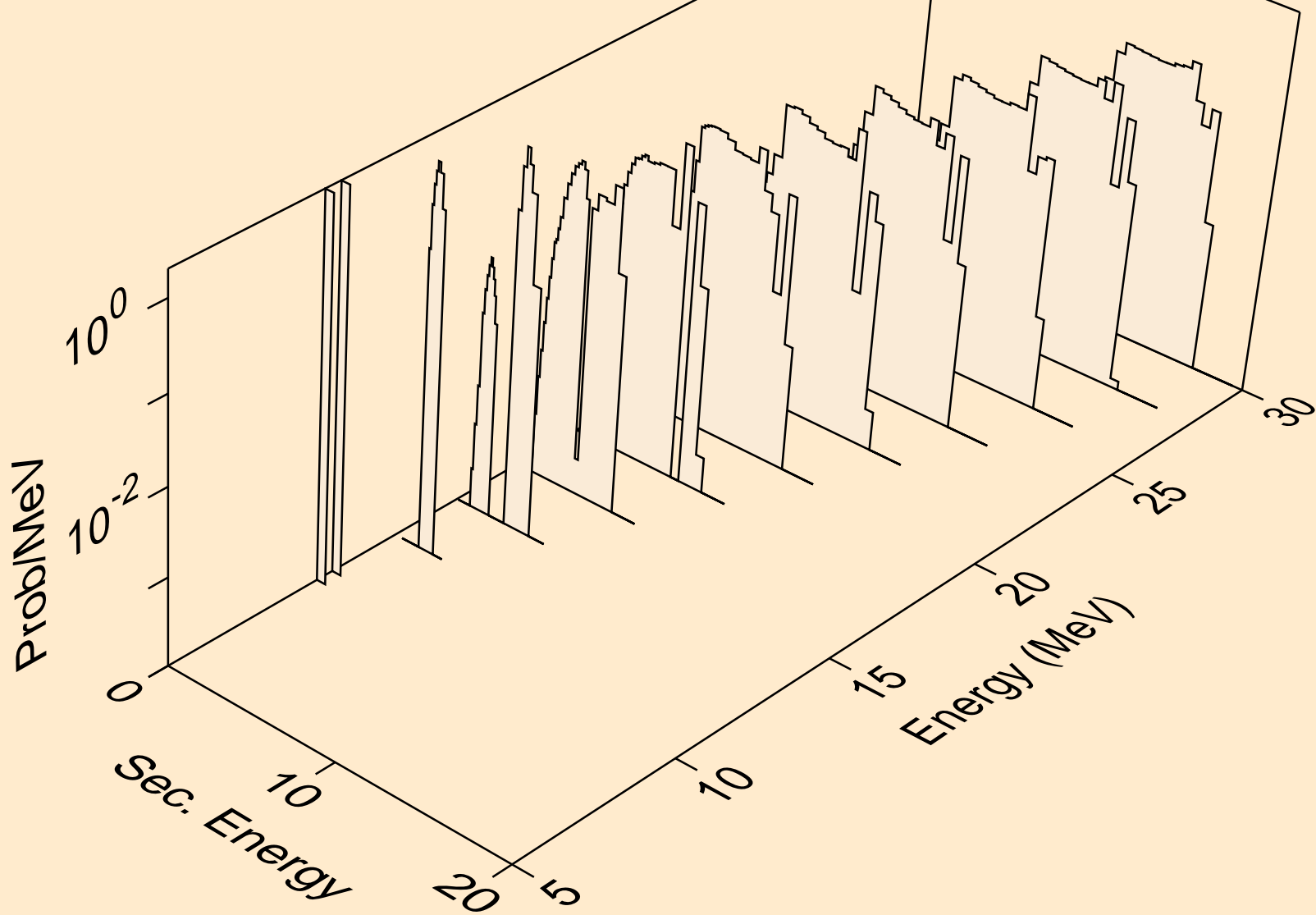
SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)



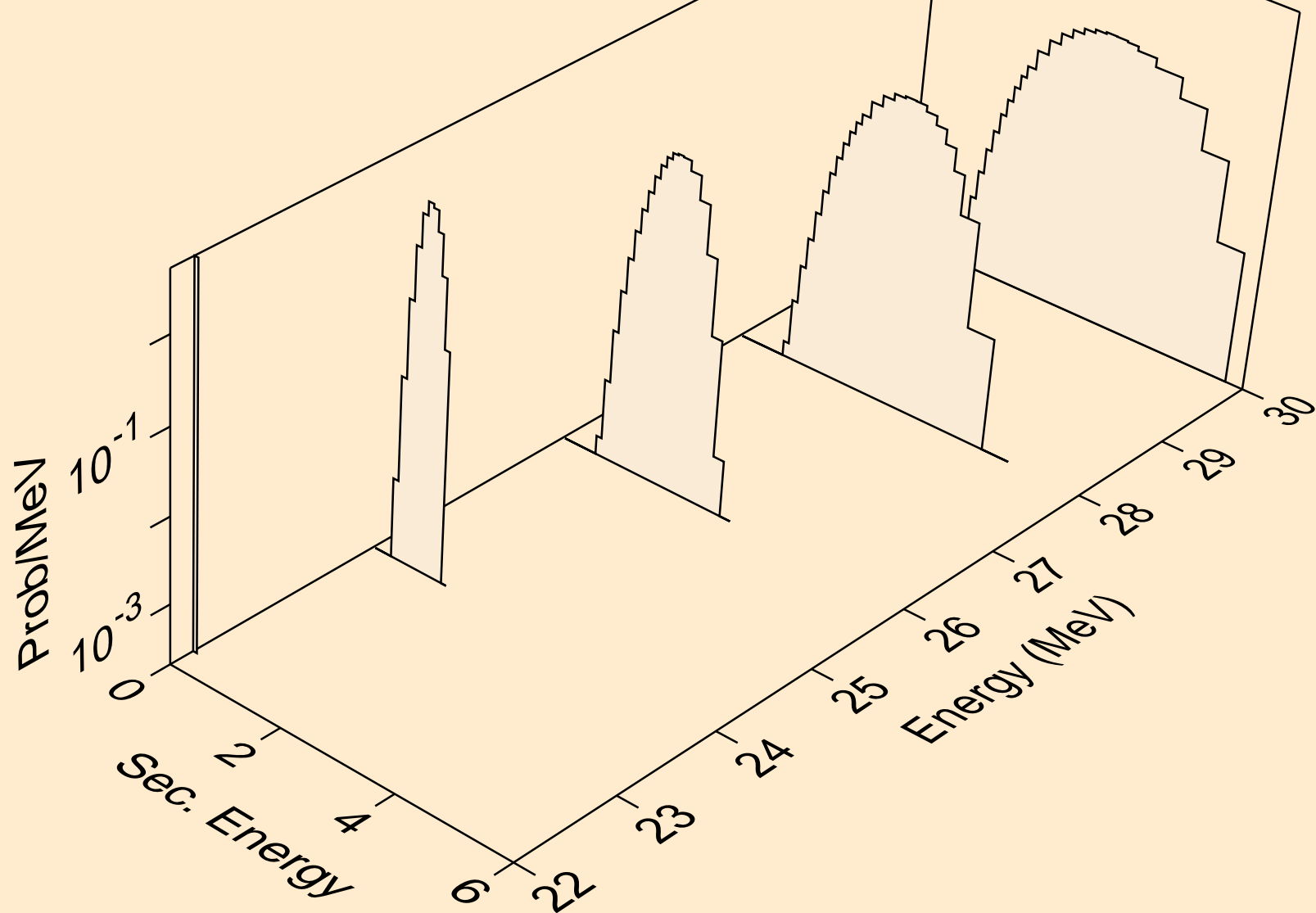
SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,n\*)t



SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)

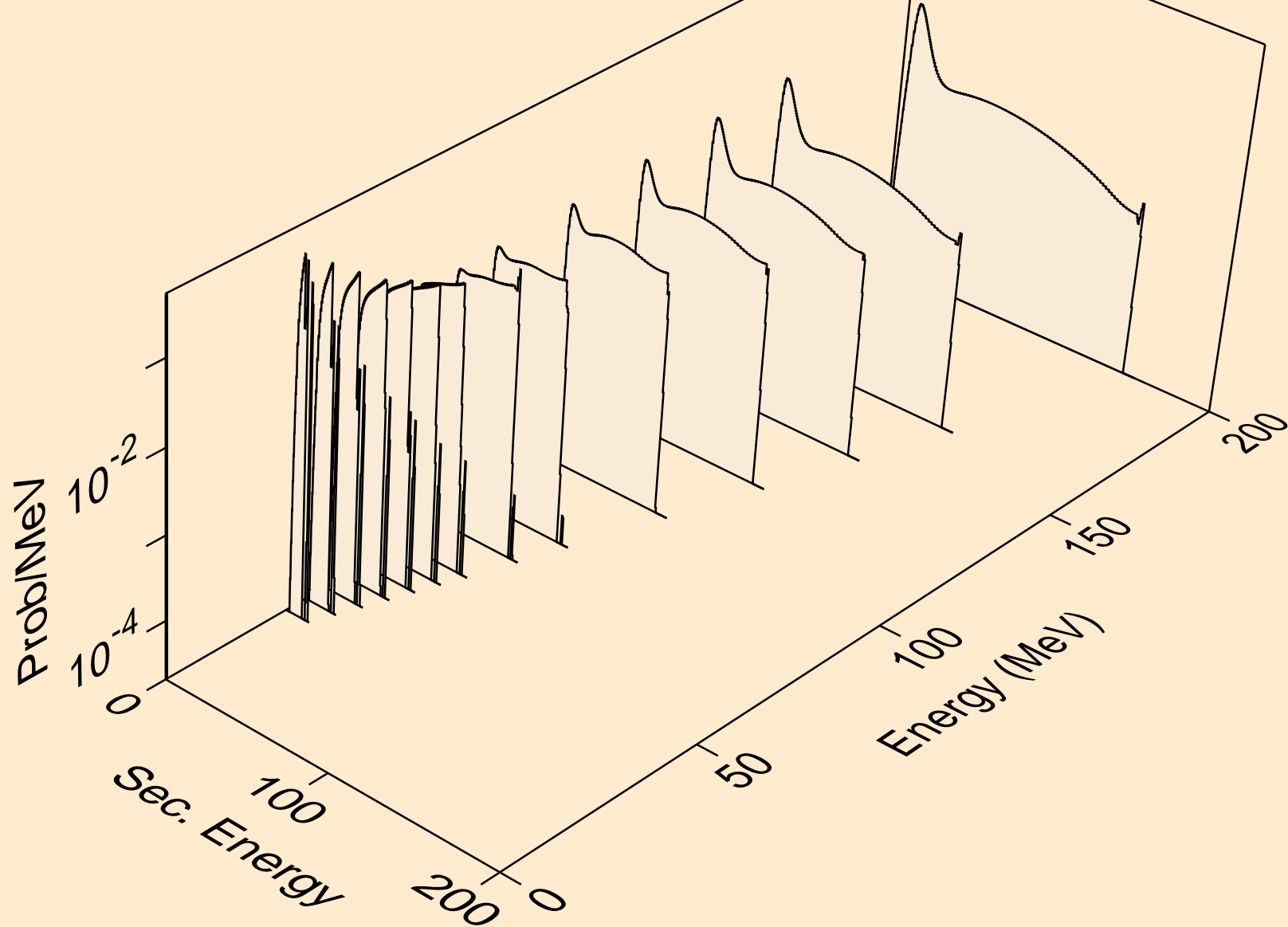


SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,pt)

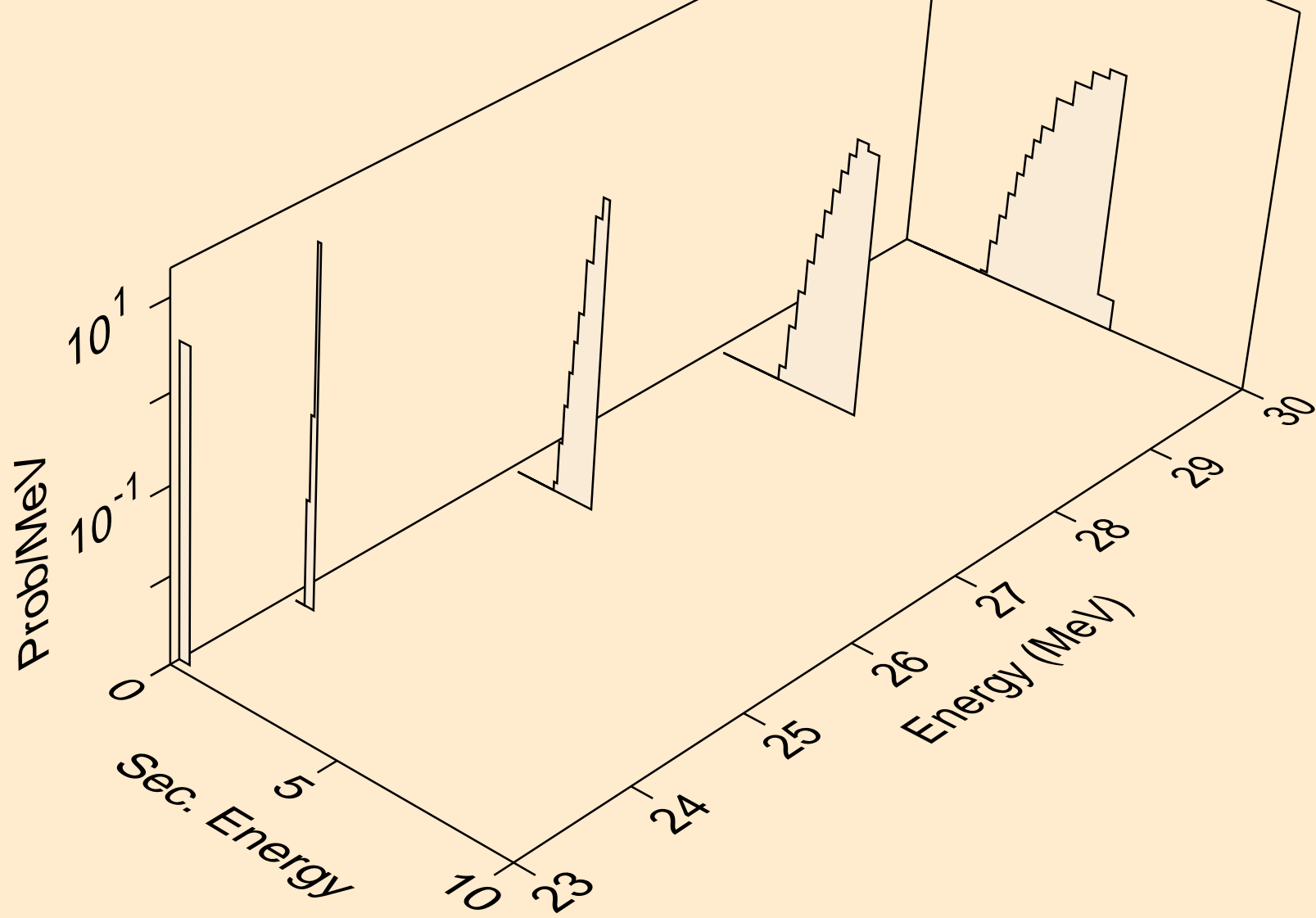




SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,n\*)he3



SI033 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

