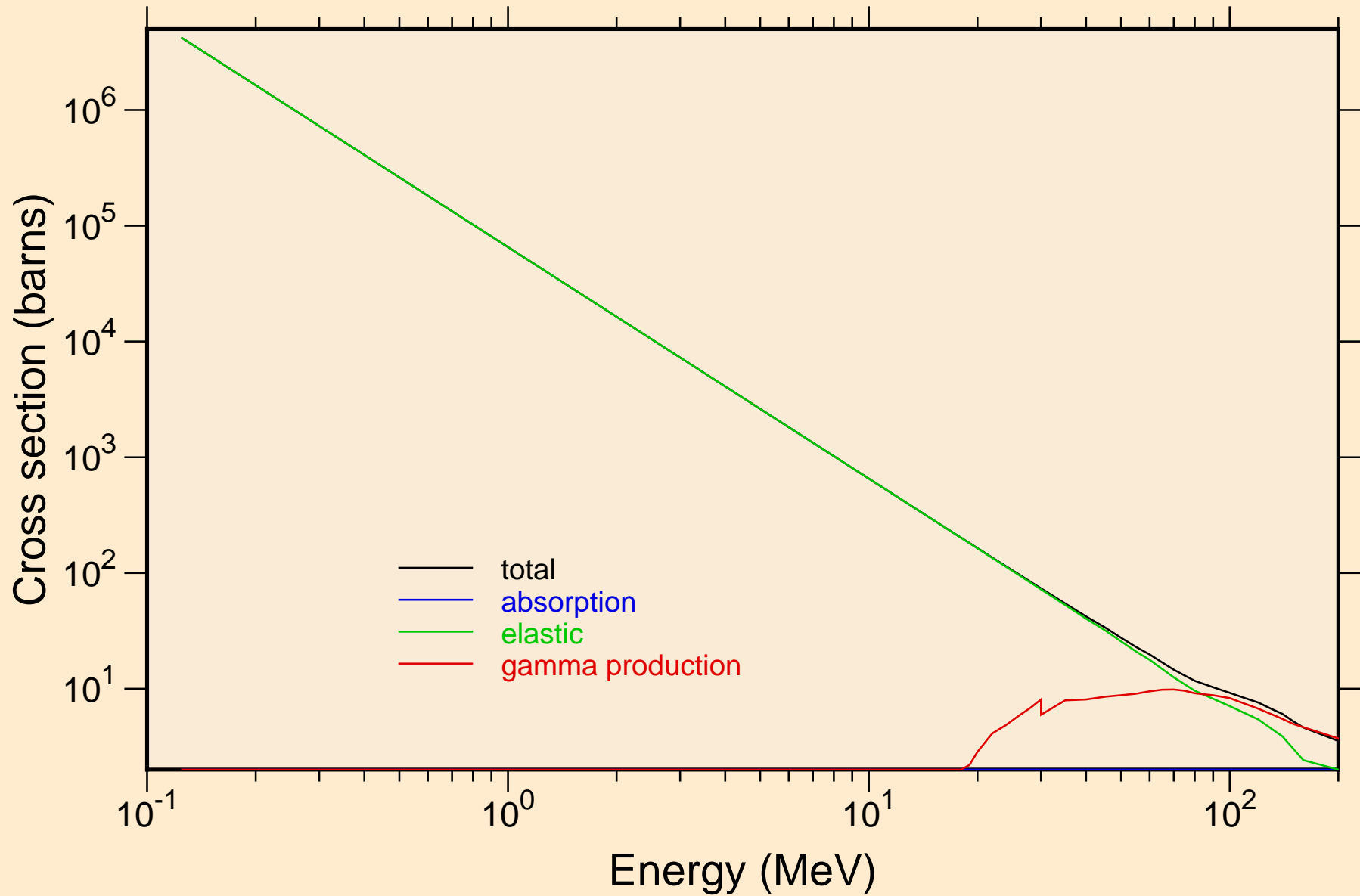


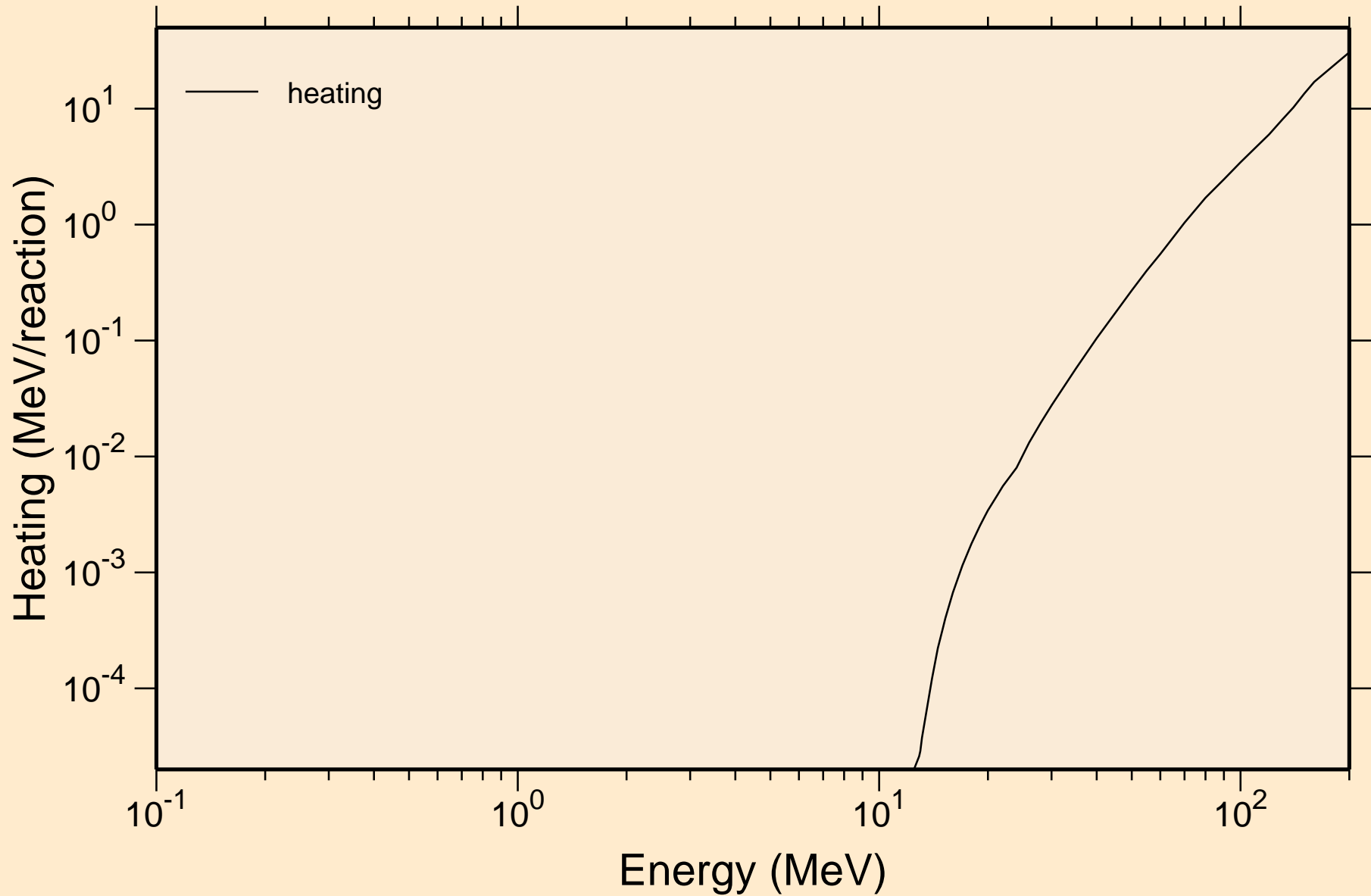
# SN123 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



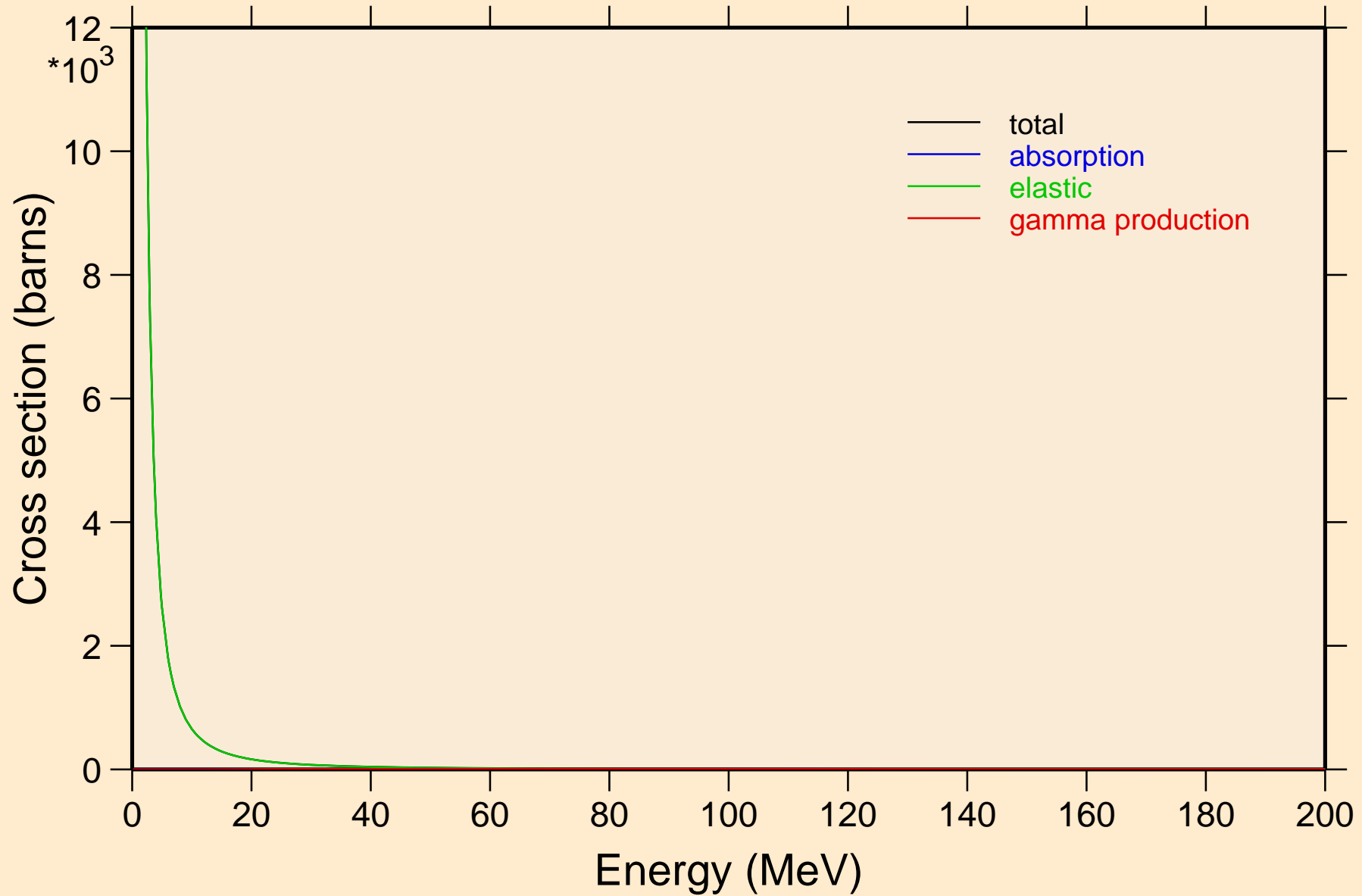
# SN123 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Heating



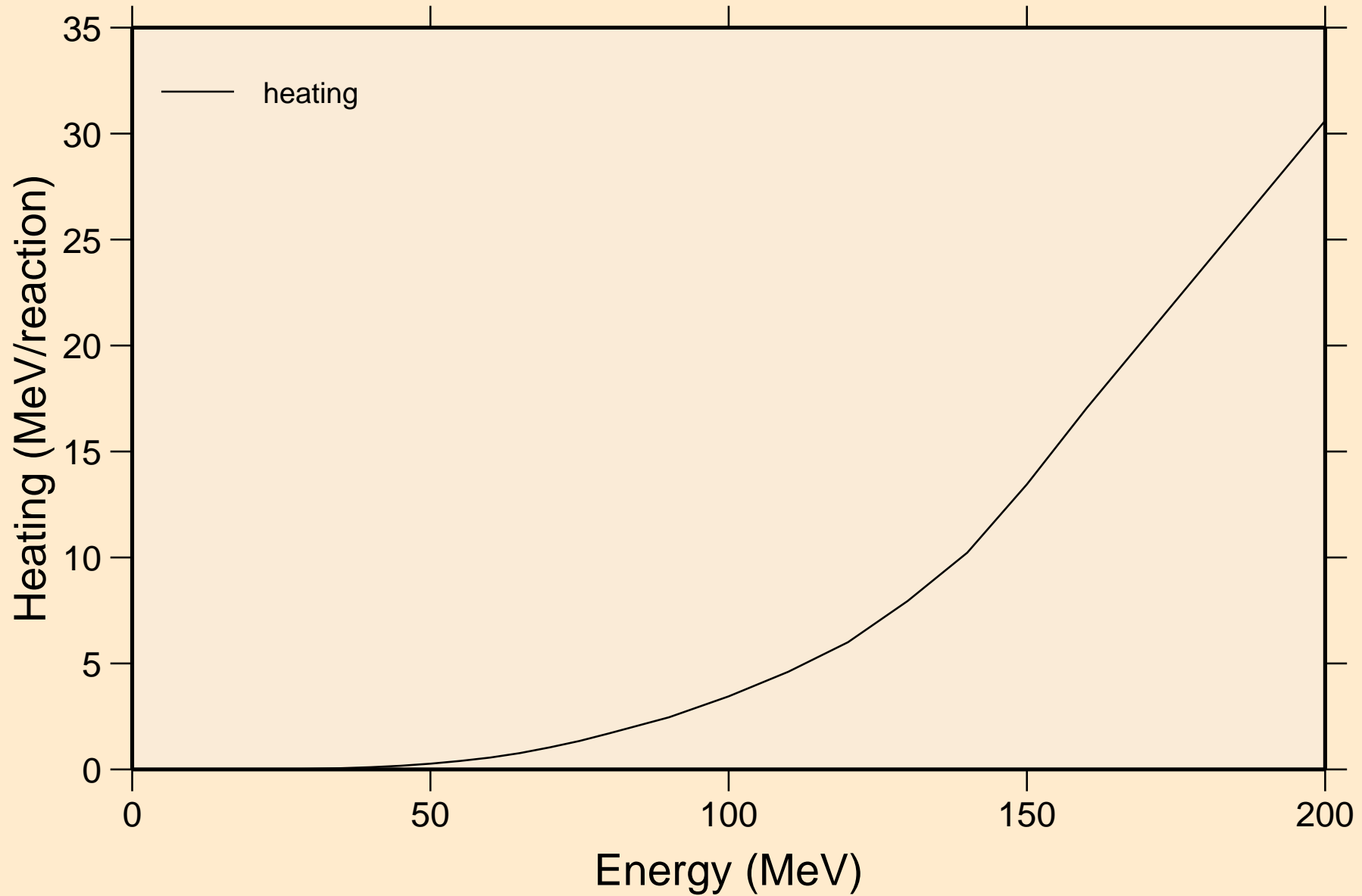
# SN123 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



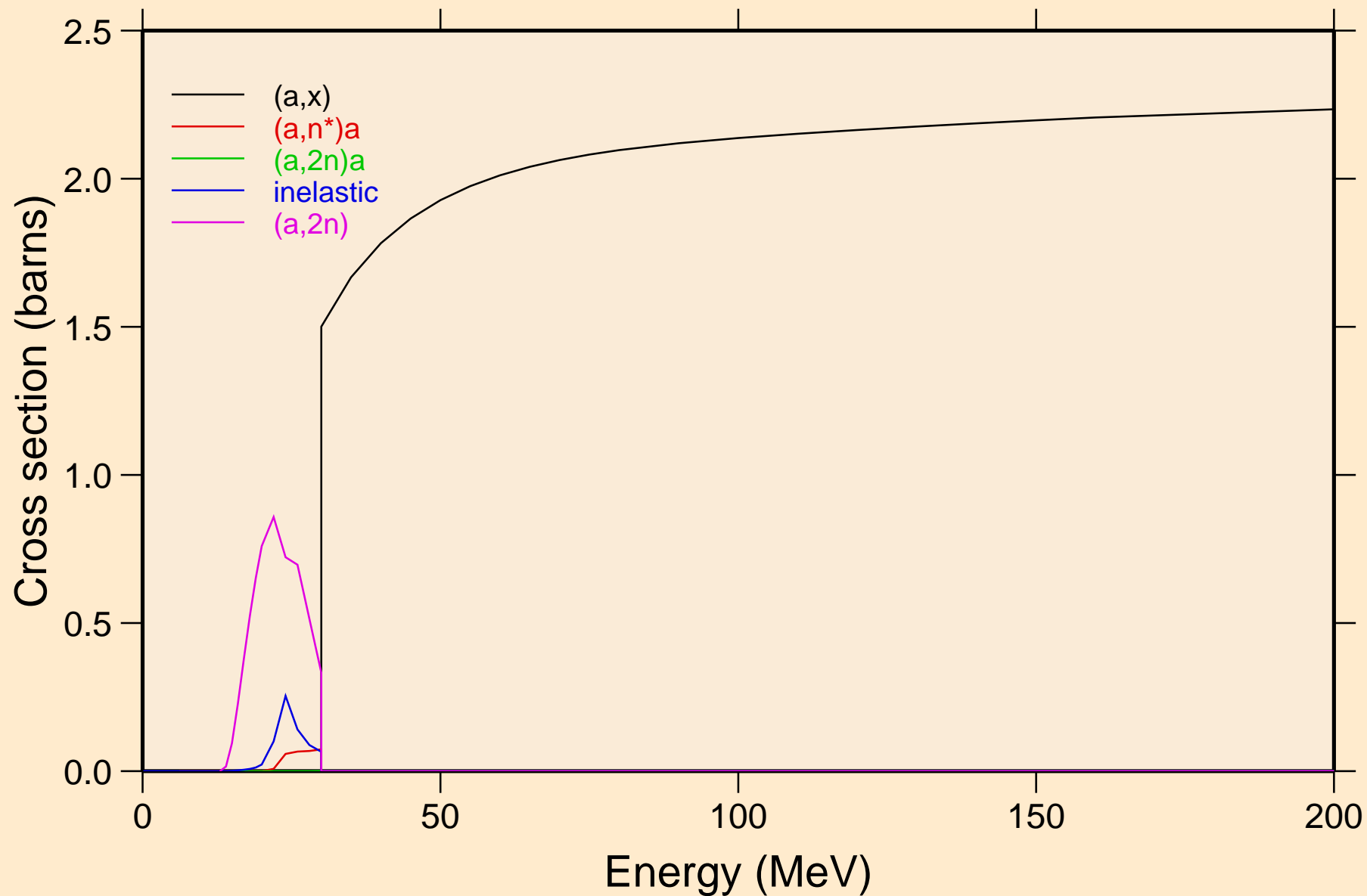
SN123 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



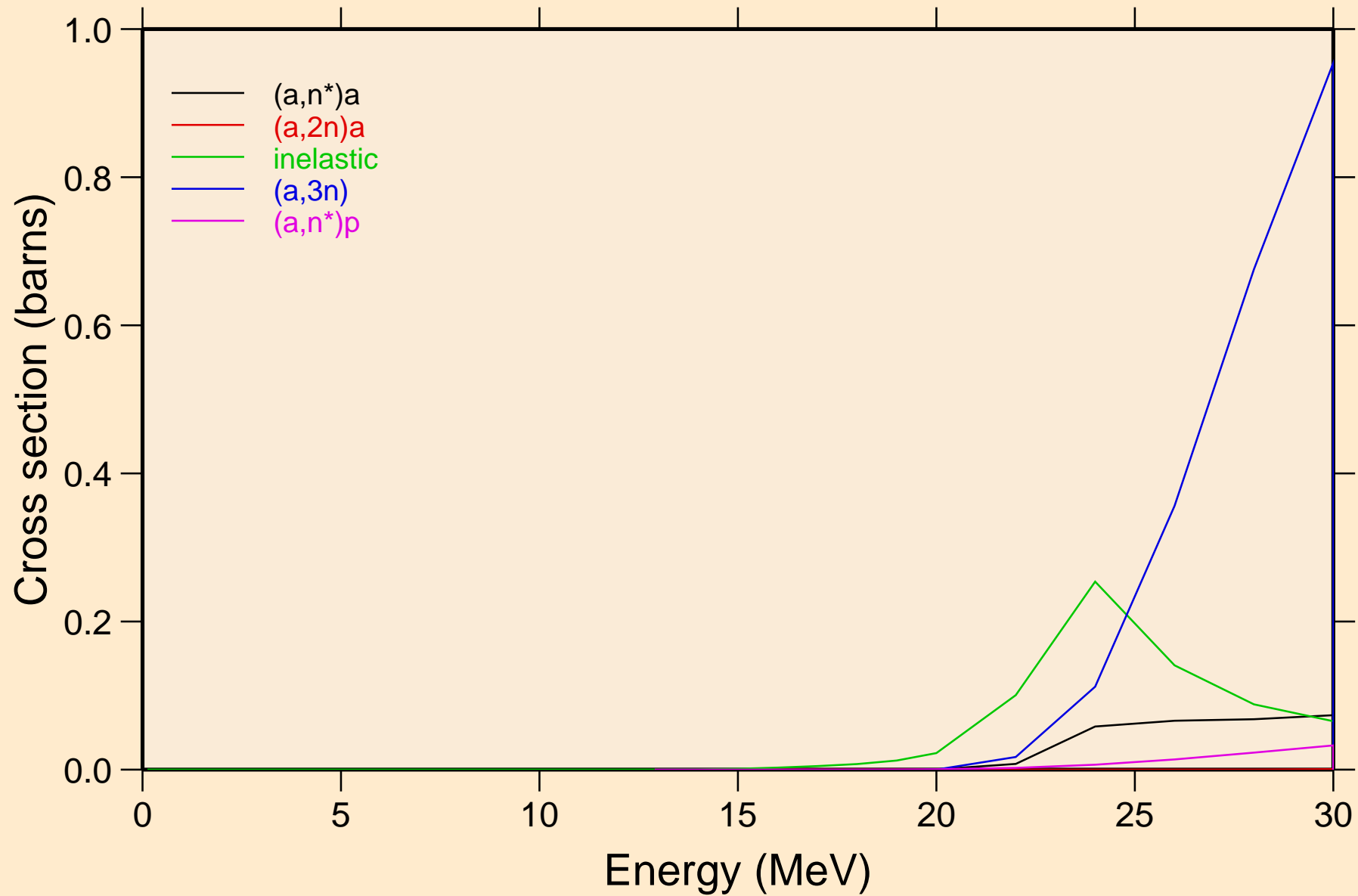
# SN123 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Threshold reactions

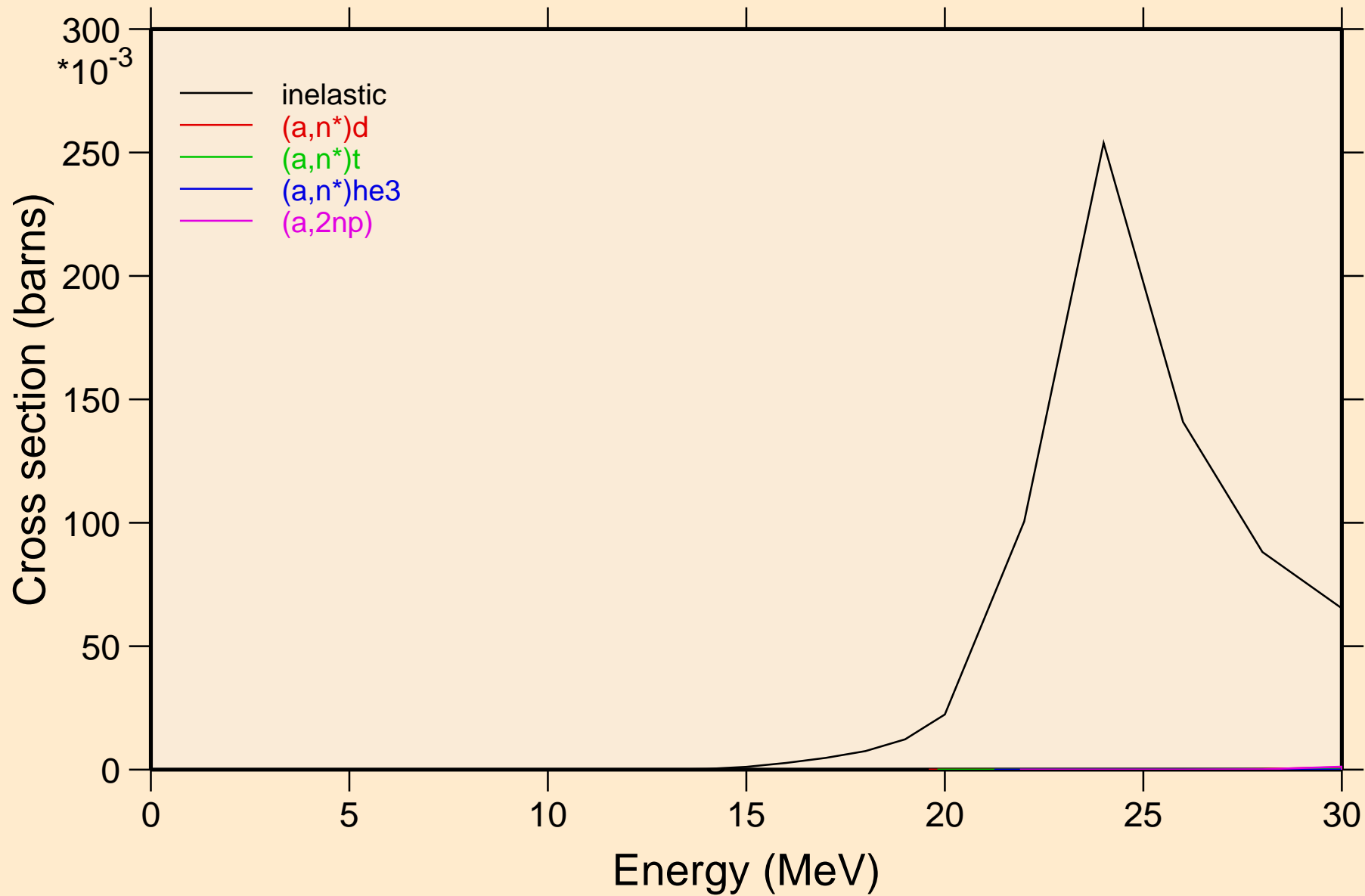


# SN123 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

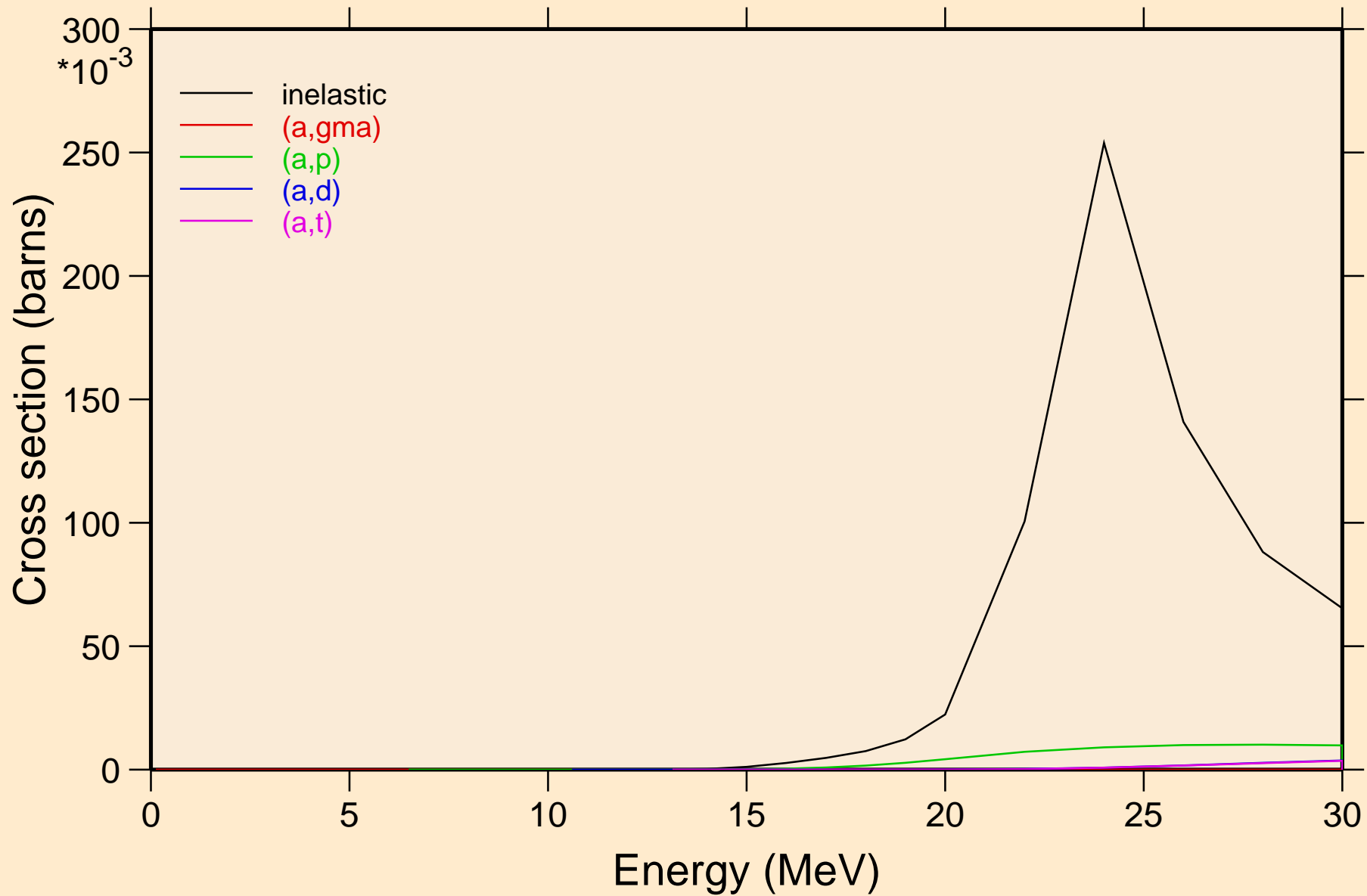
## Threshold reactions



SN123 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

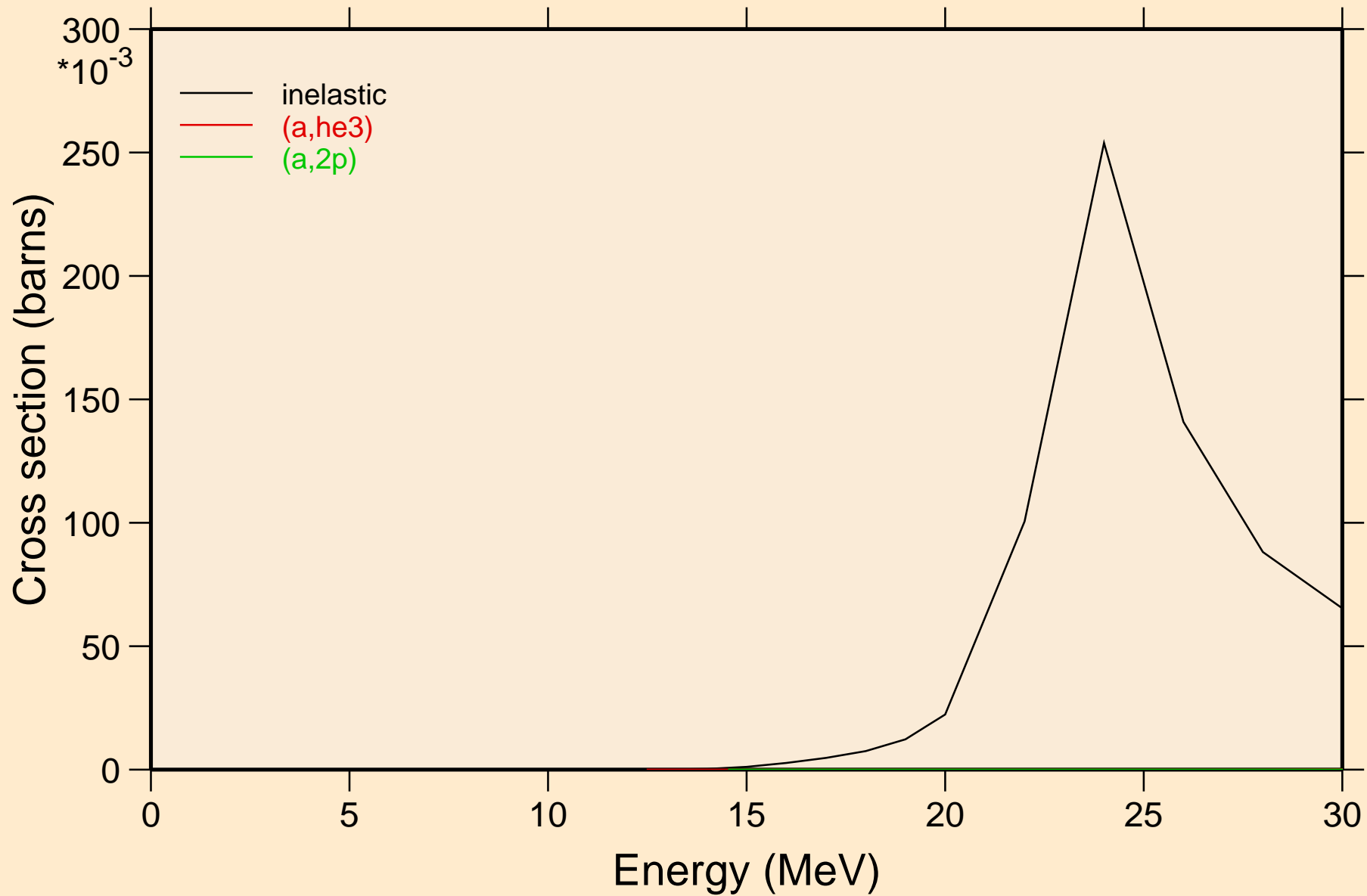


SN123 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

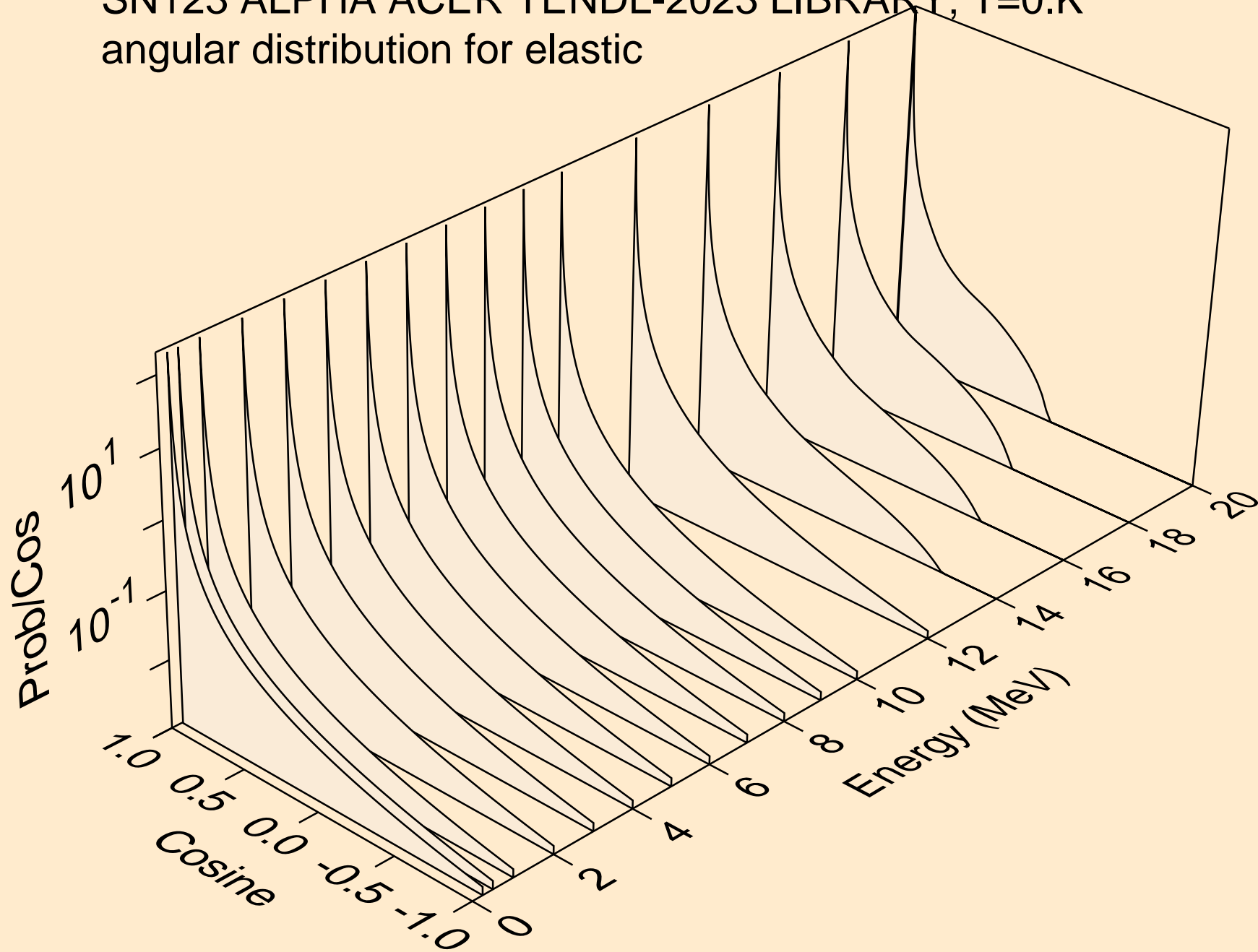




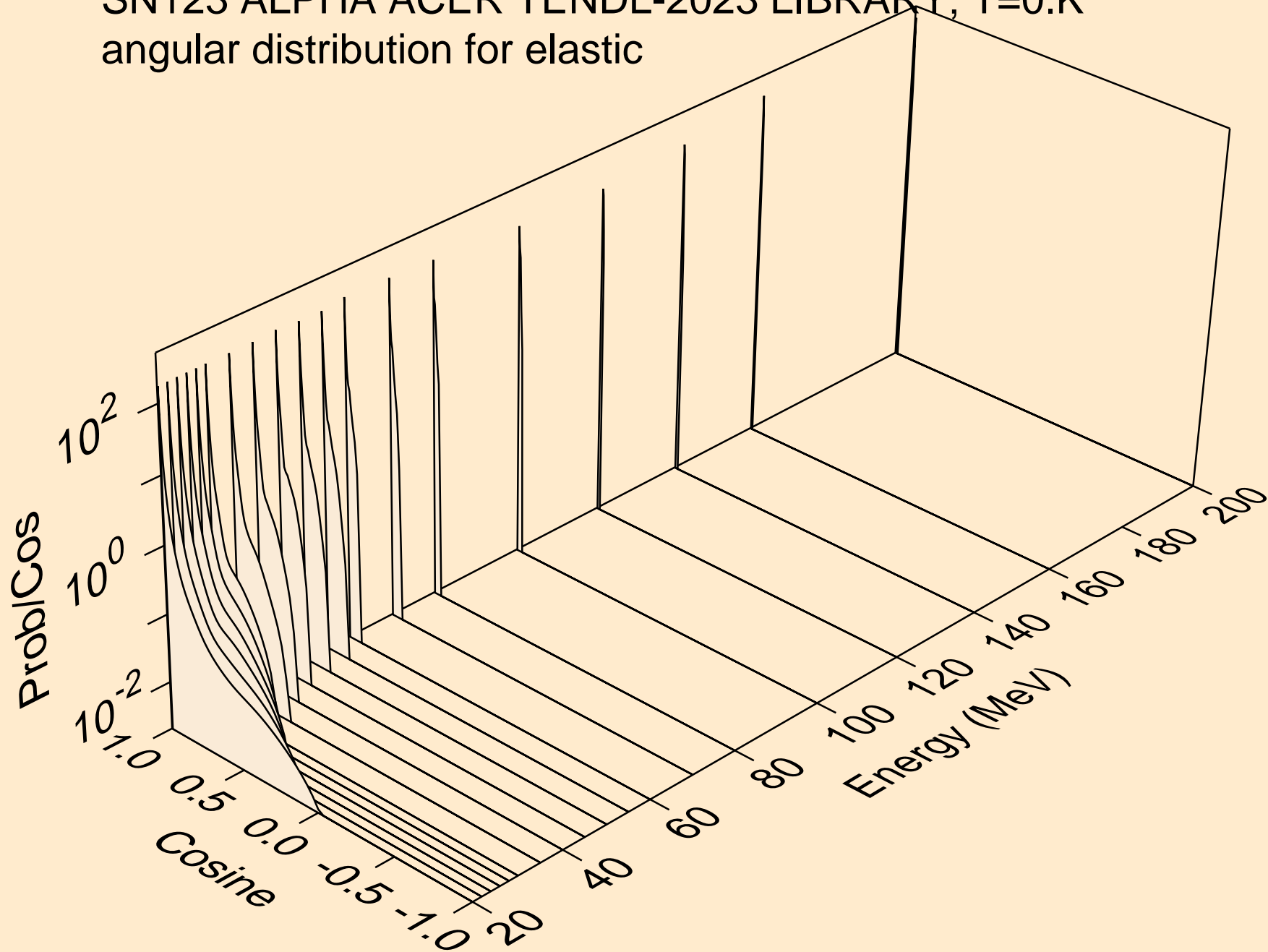
SN123 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



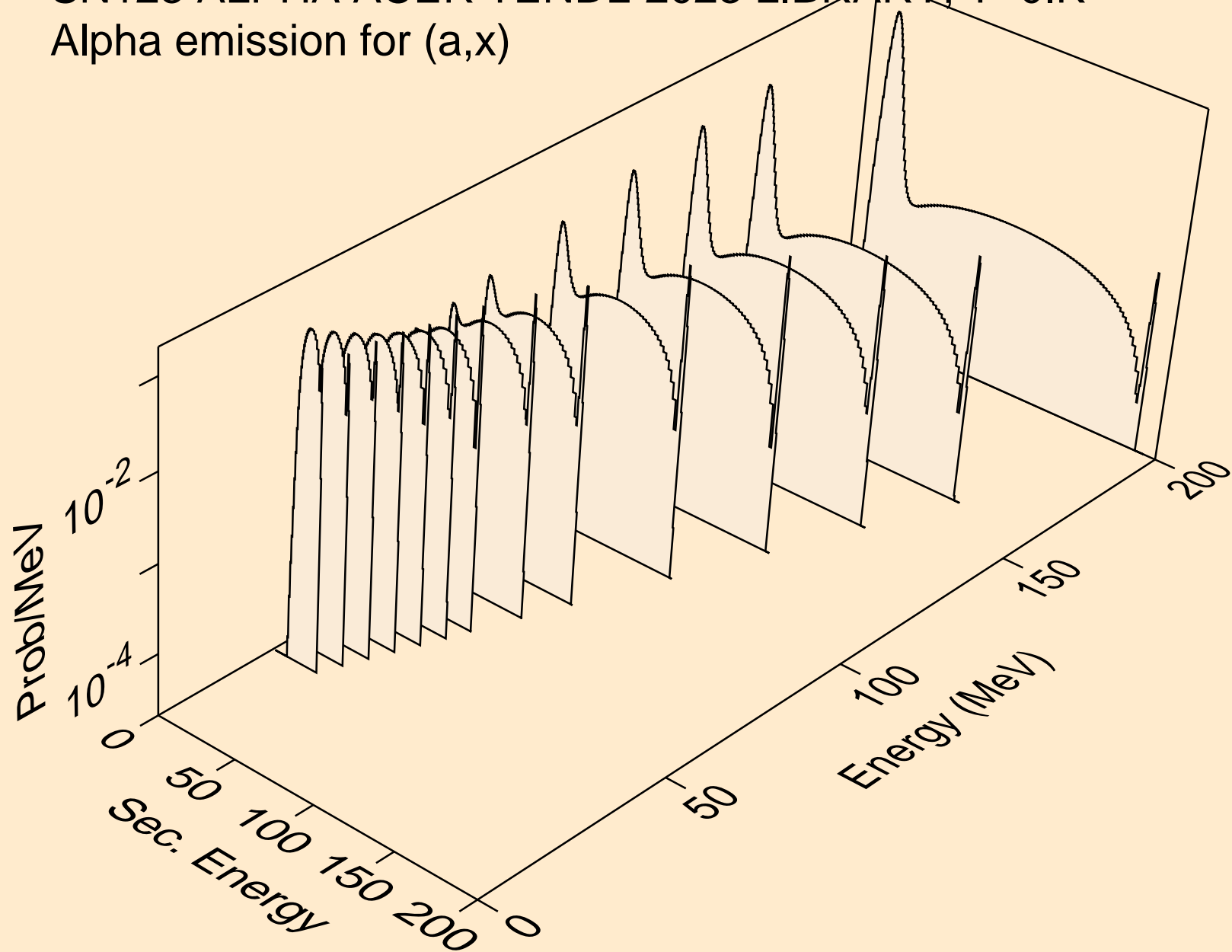
SN123 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



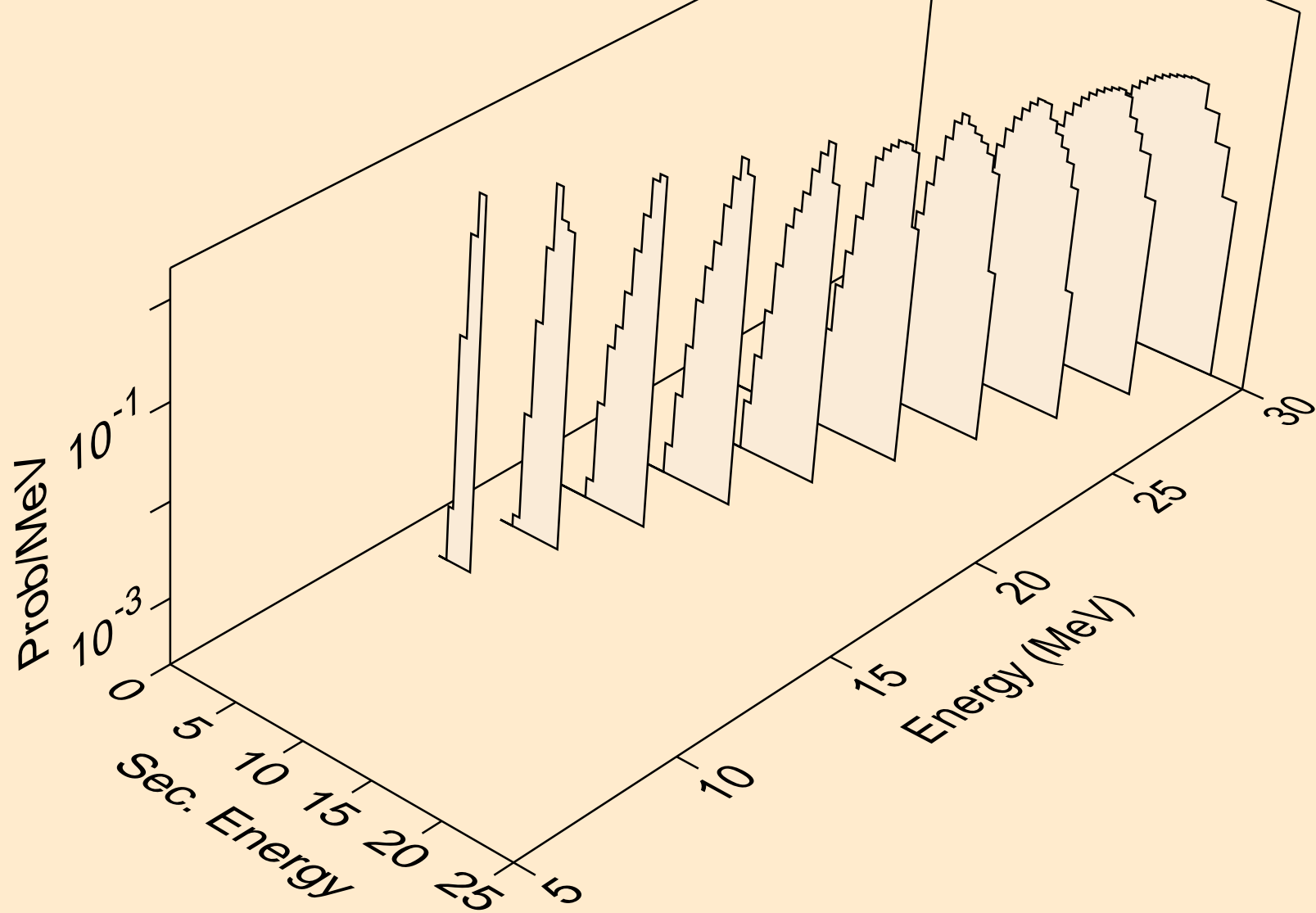
SN123 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



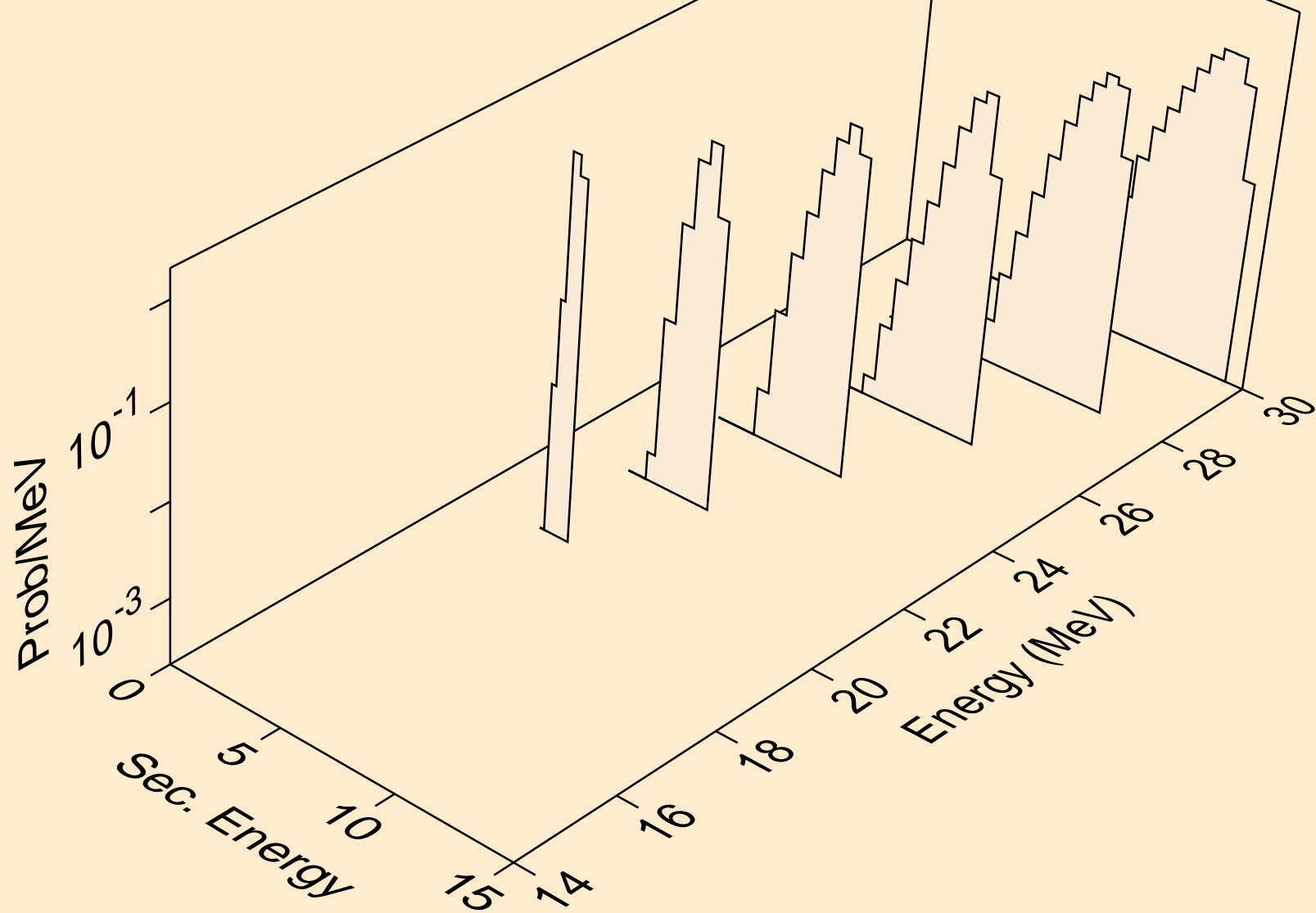
SN123 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,x)



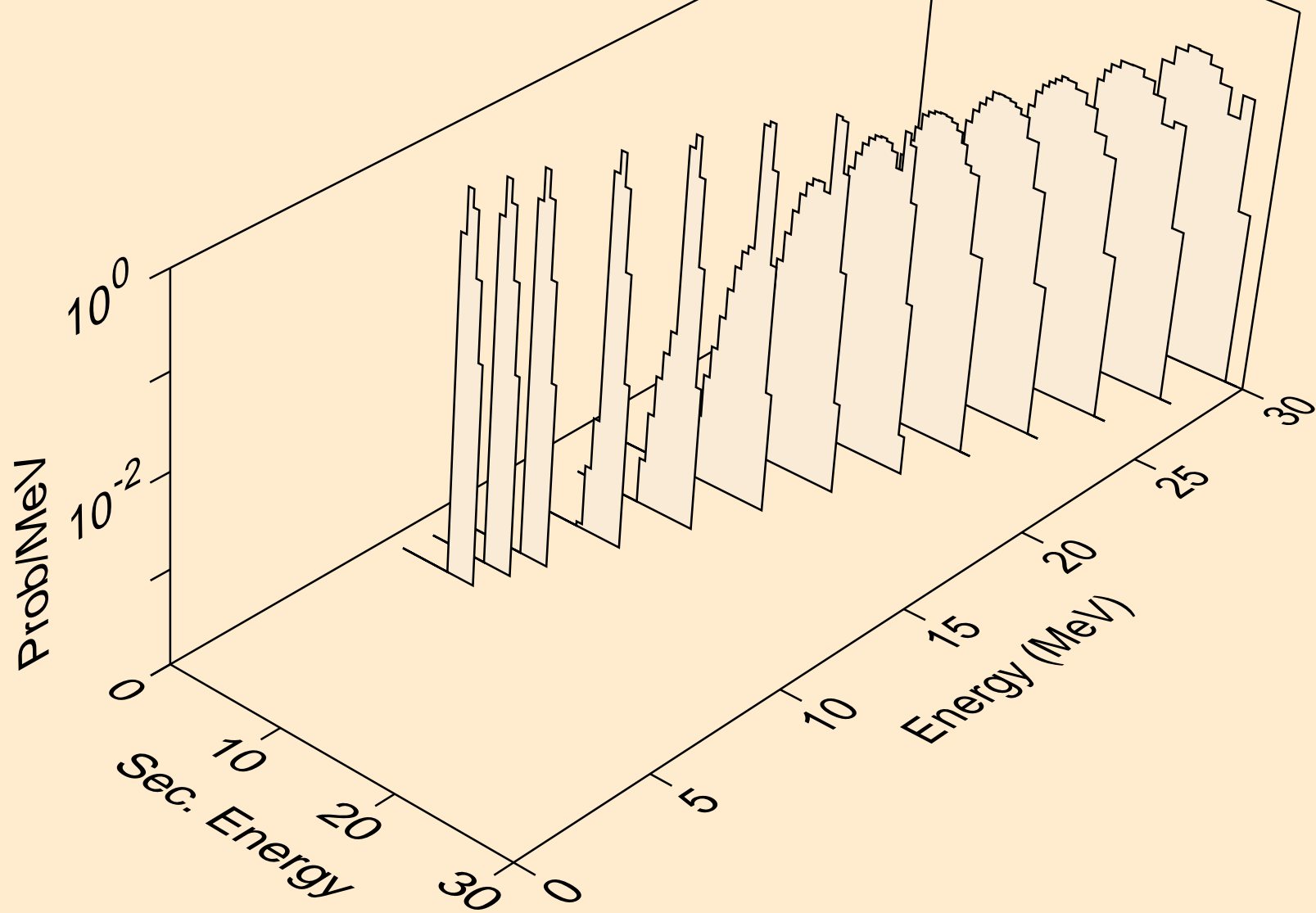
SN123 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



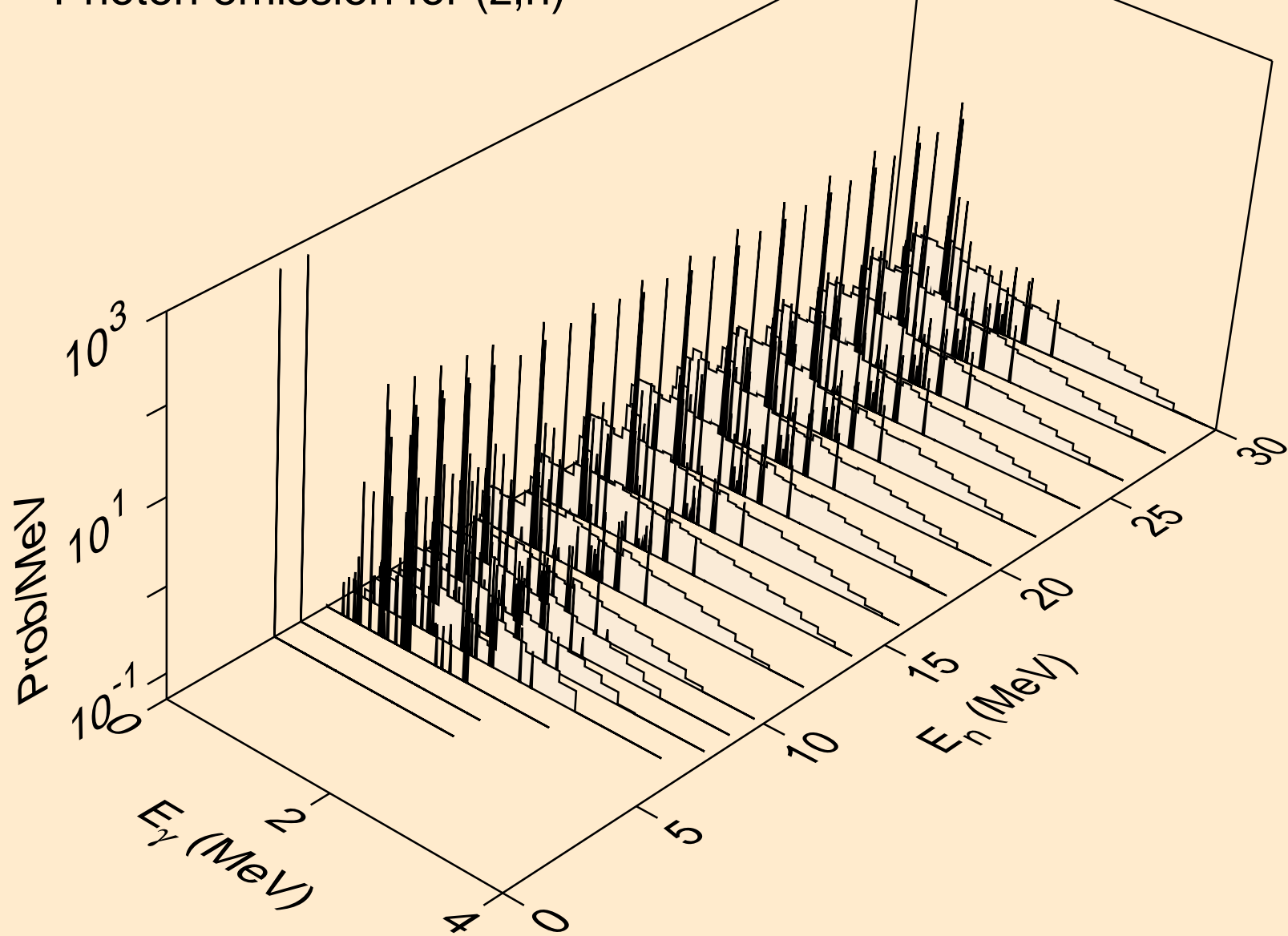
SN123 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



SN123 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic

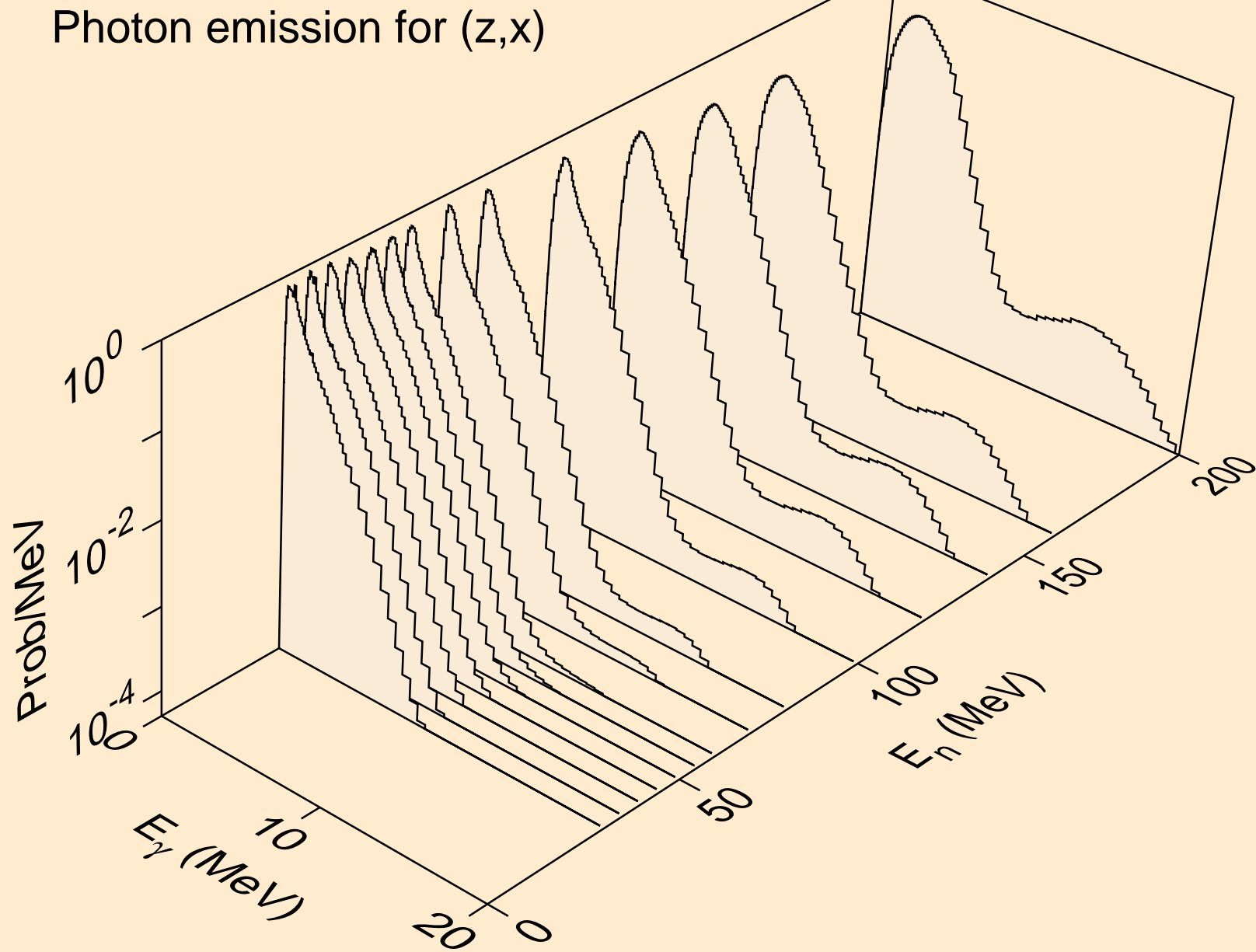


SN123 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)

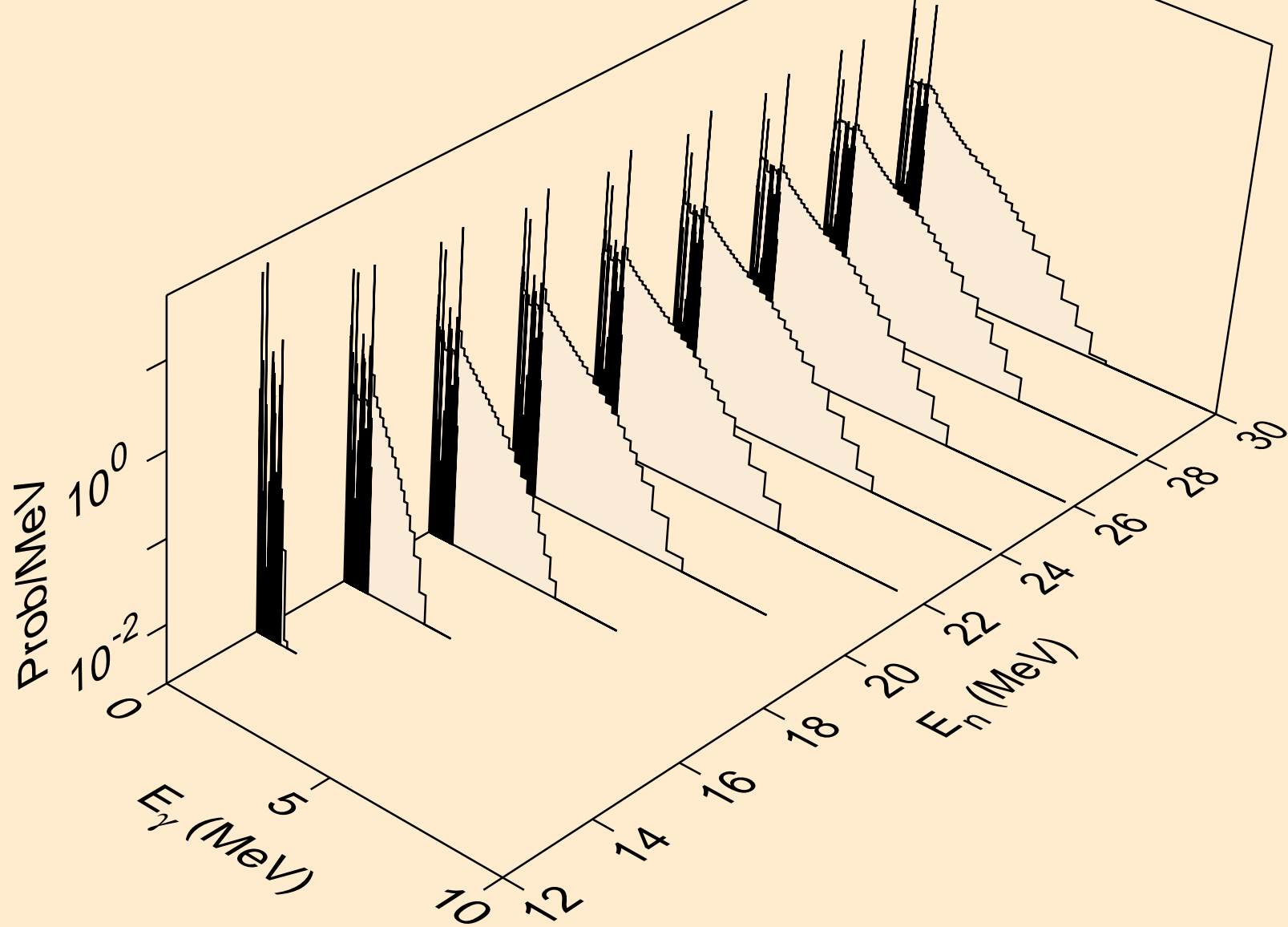




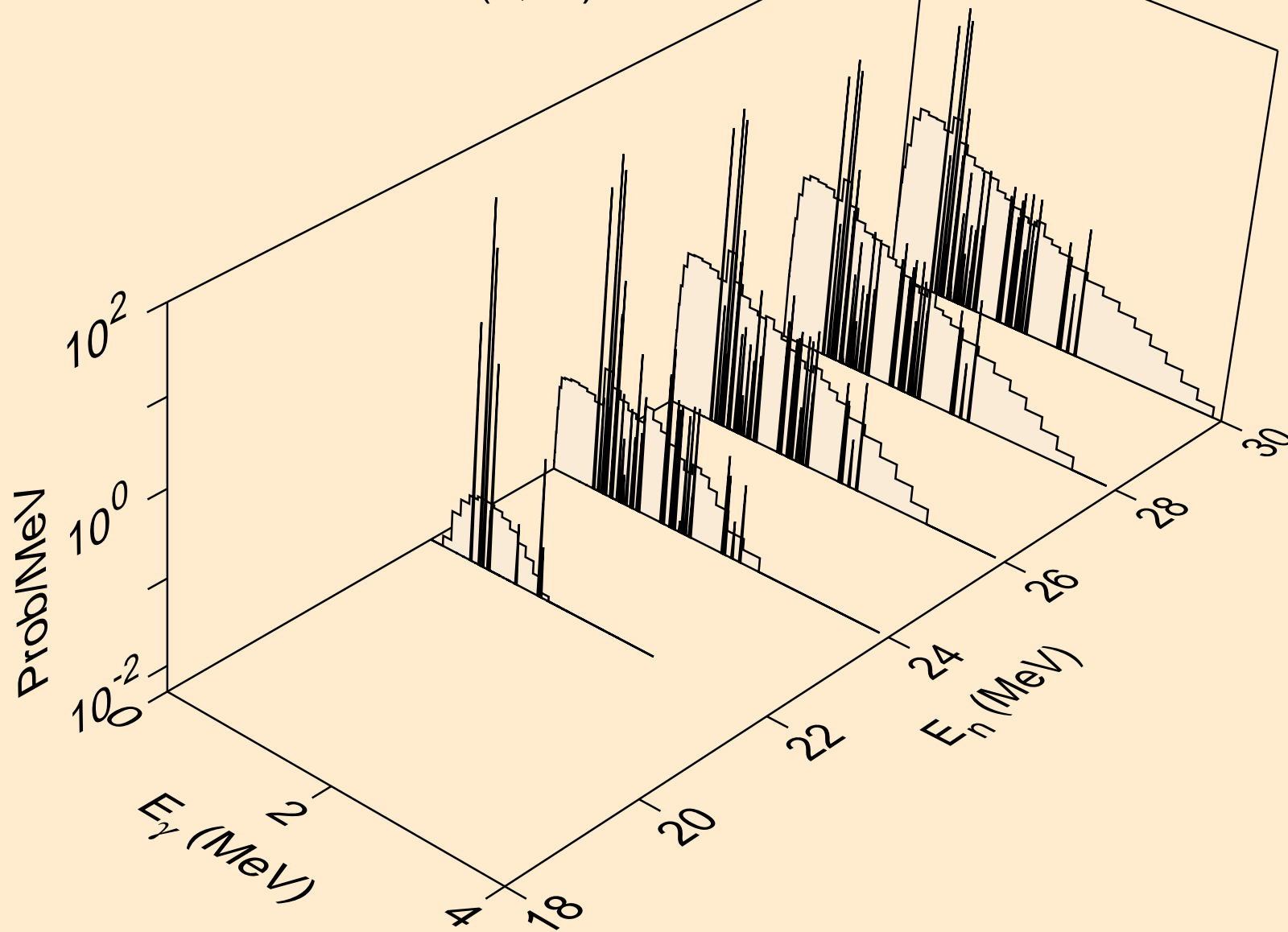
SN123 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



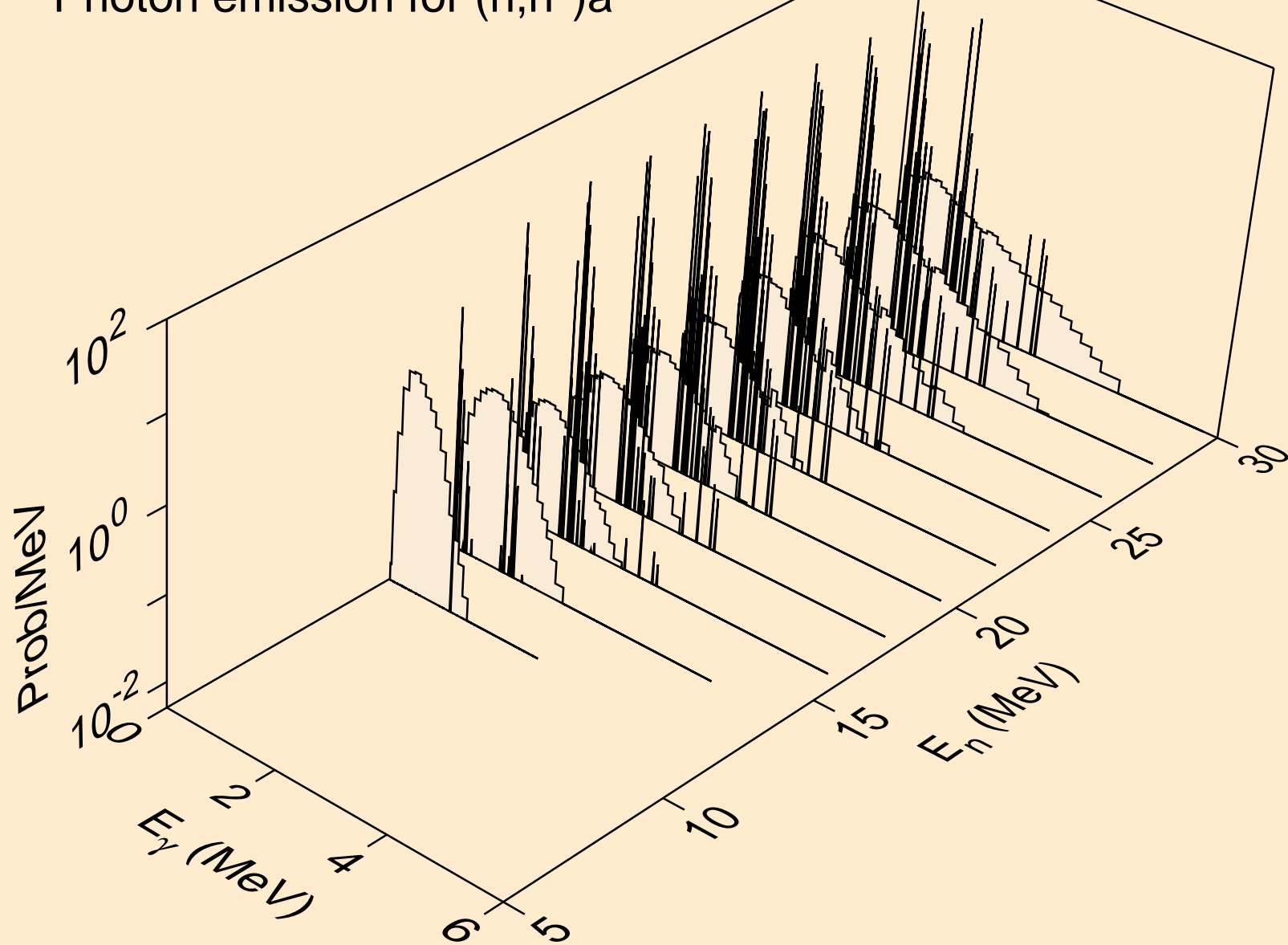
SN123 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



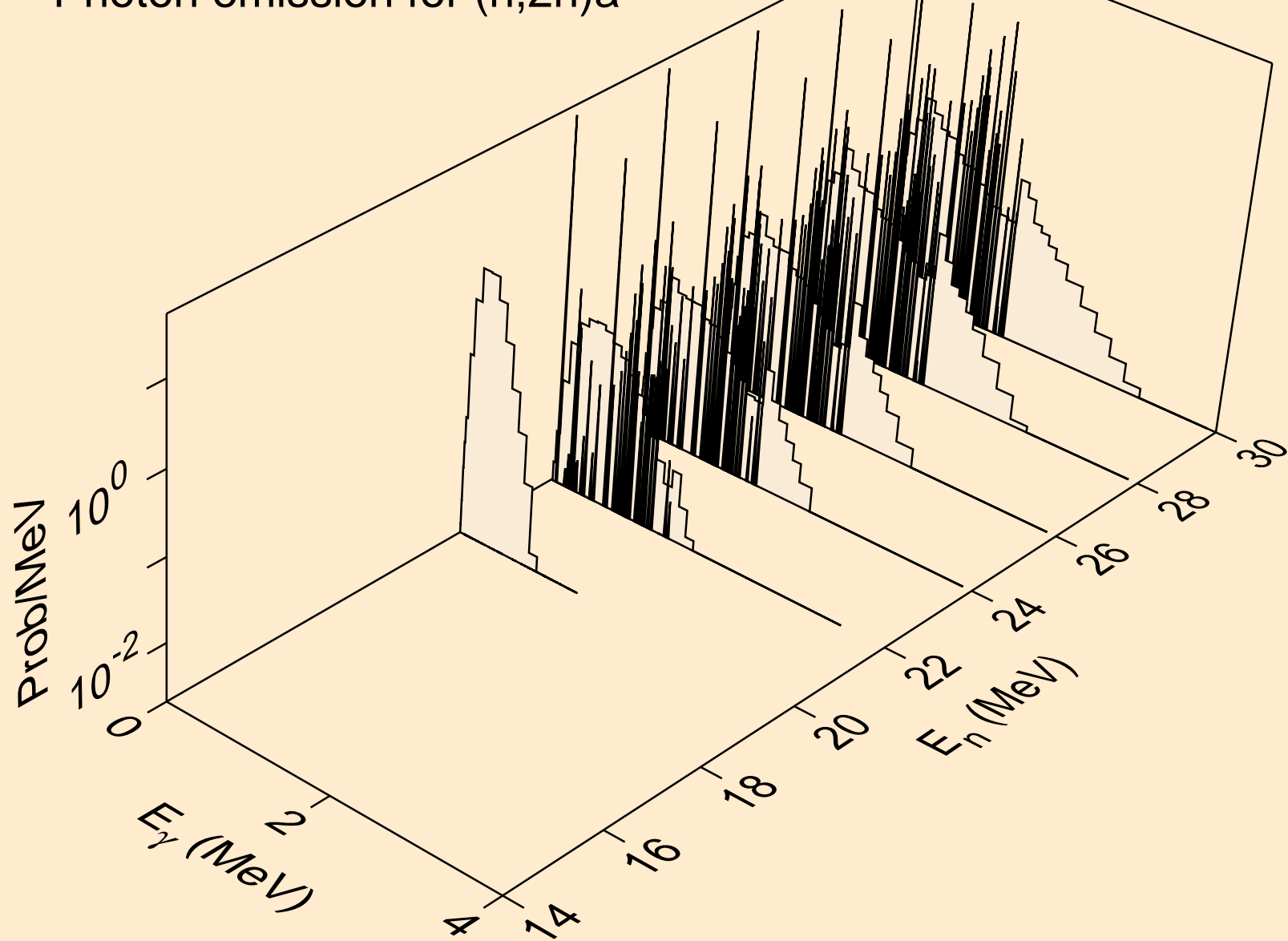
SN123 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



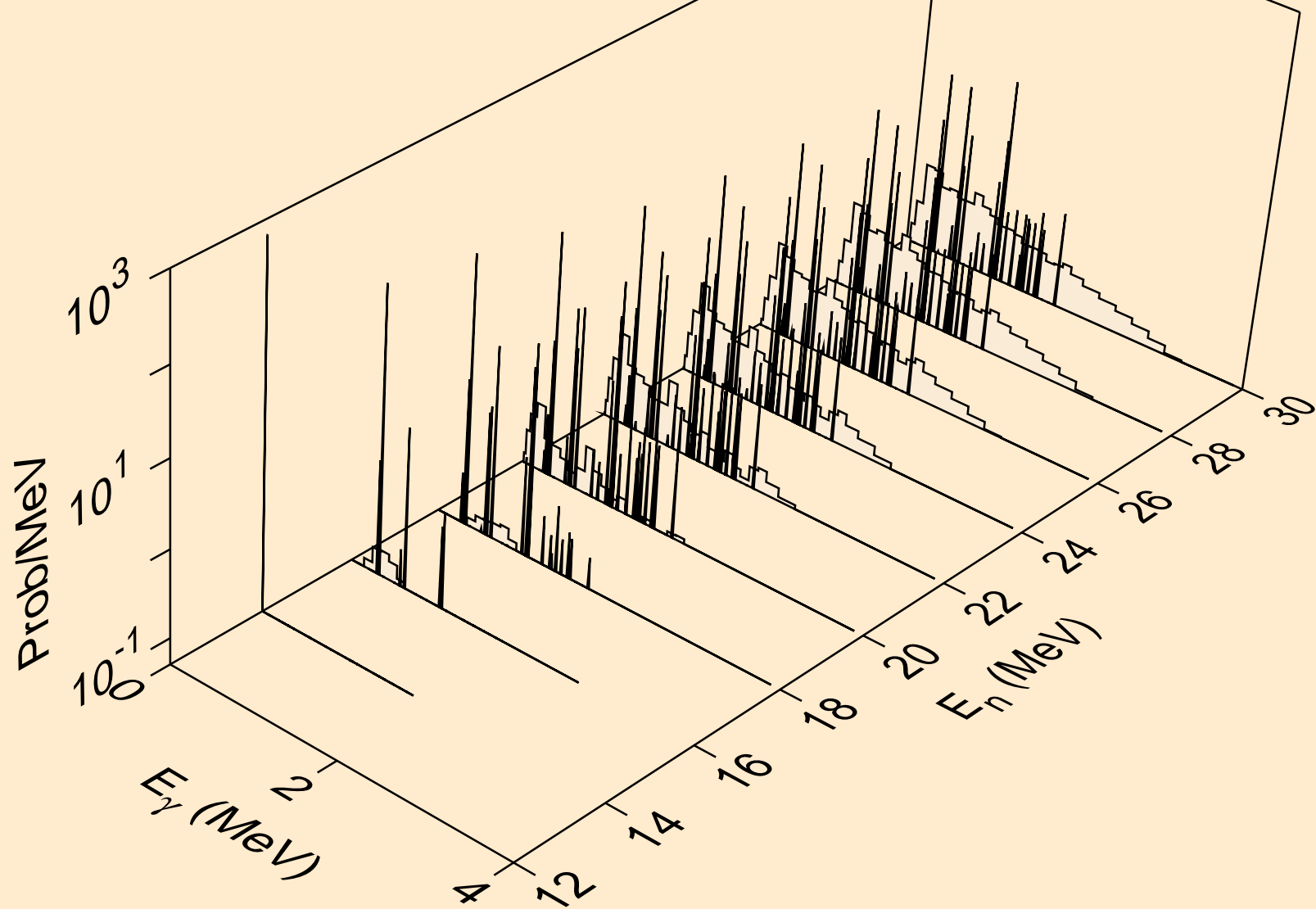
SN123 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



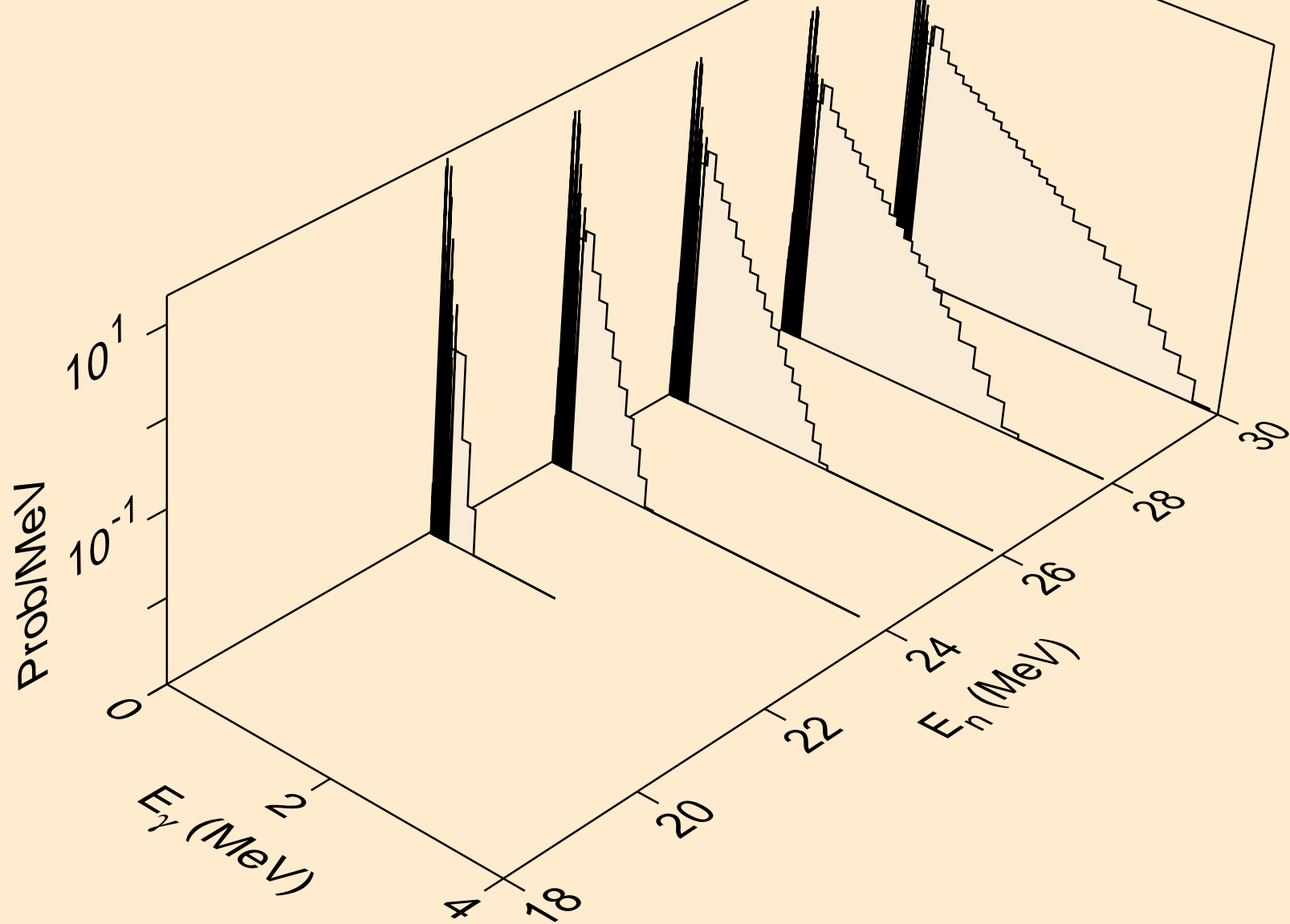
SN123 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



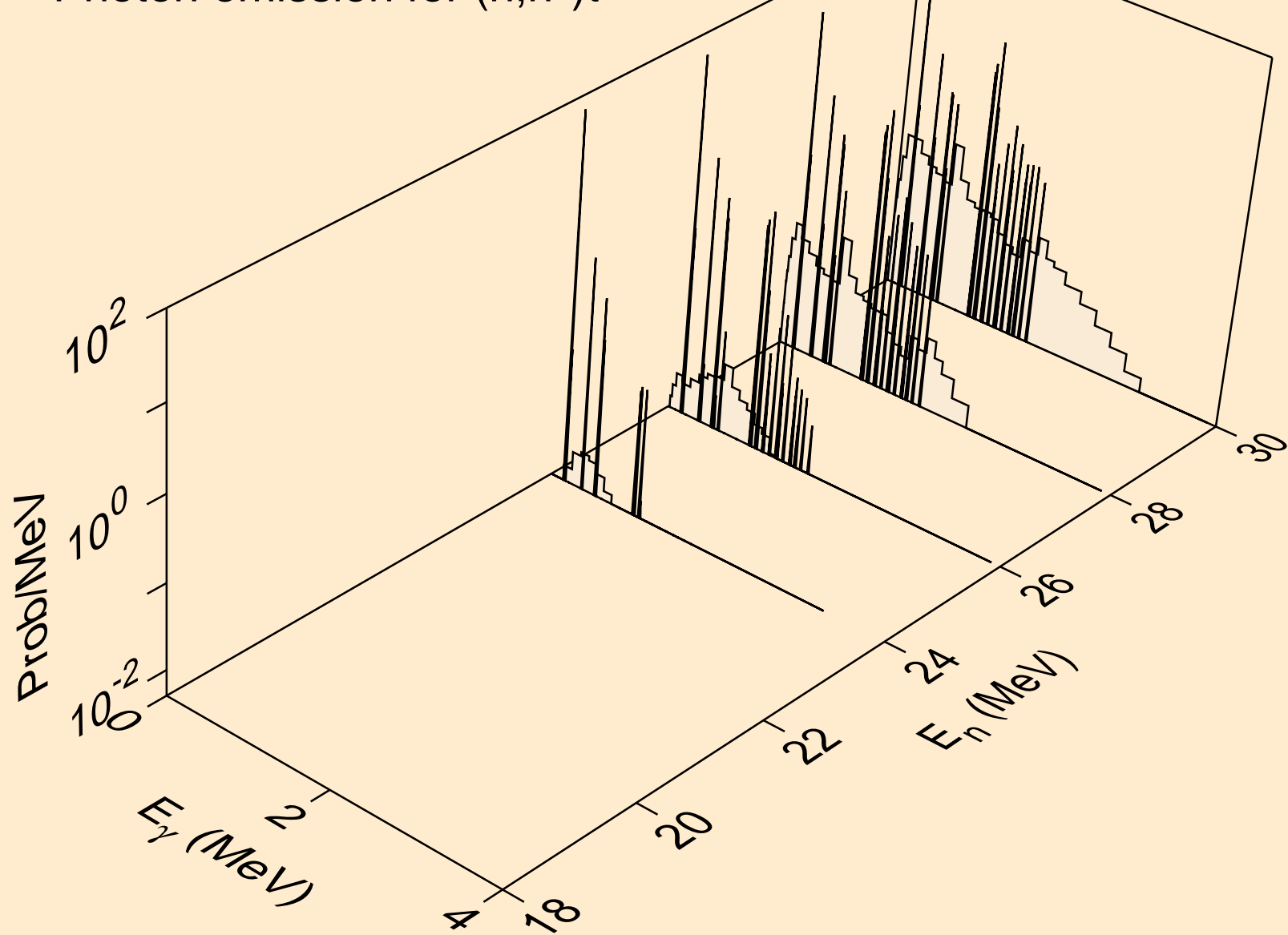
SN123 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



SN123 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

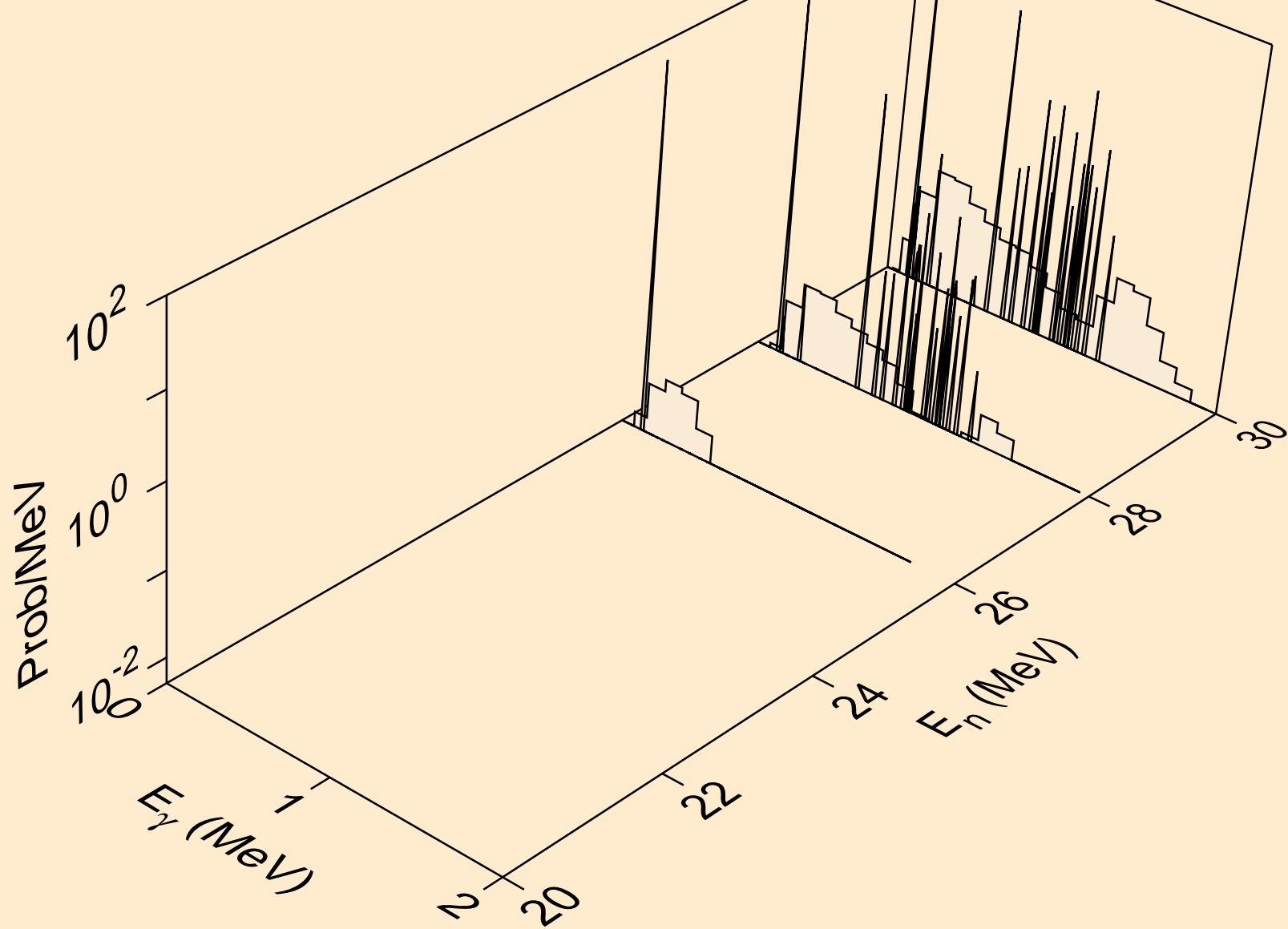


SN123 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

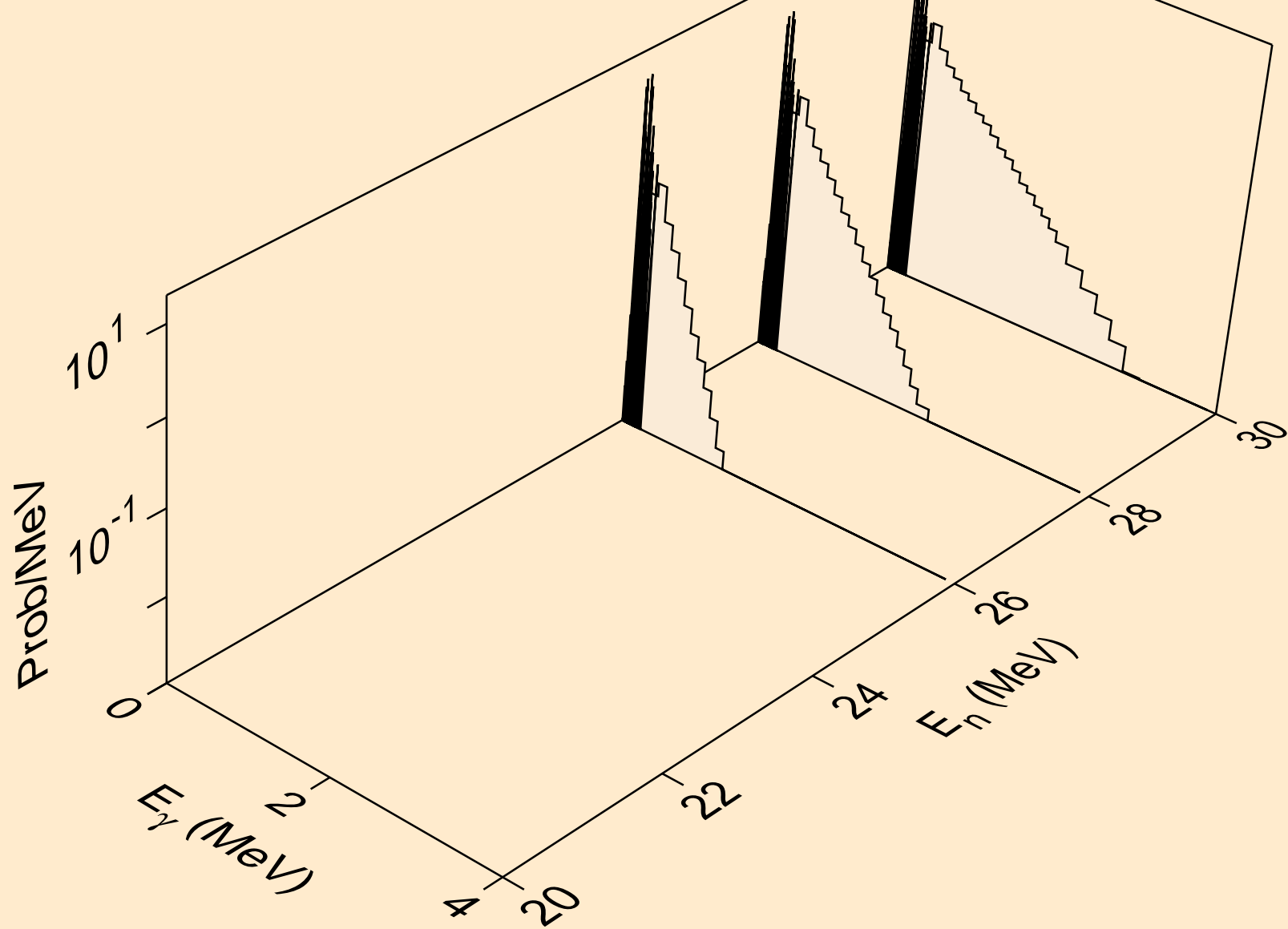




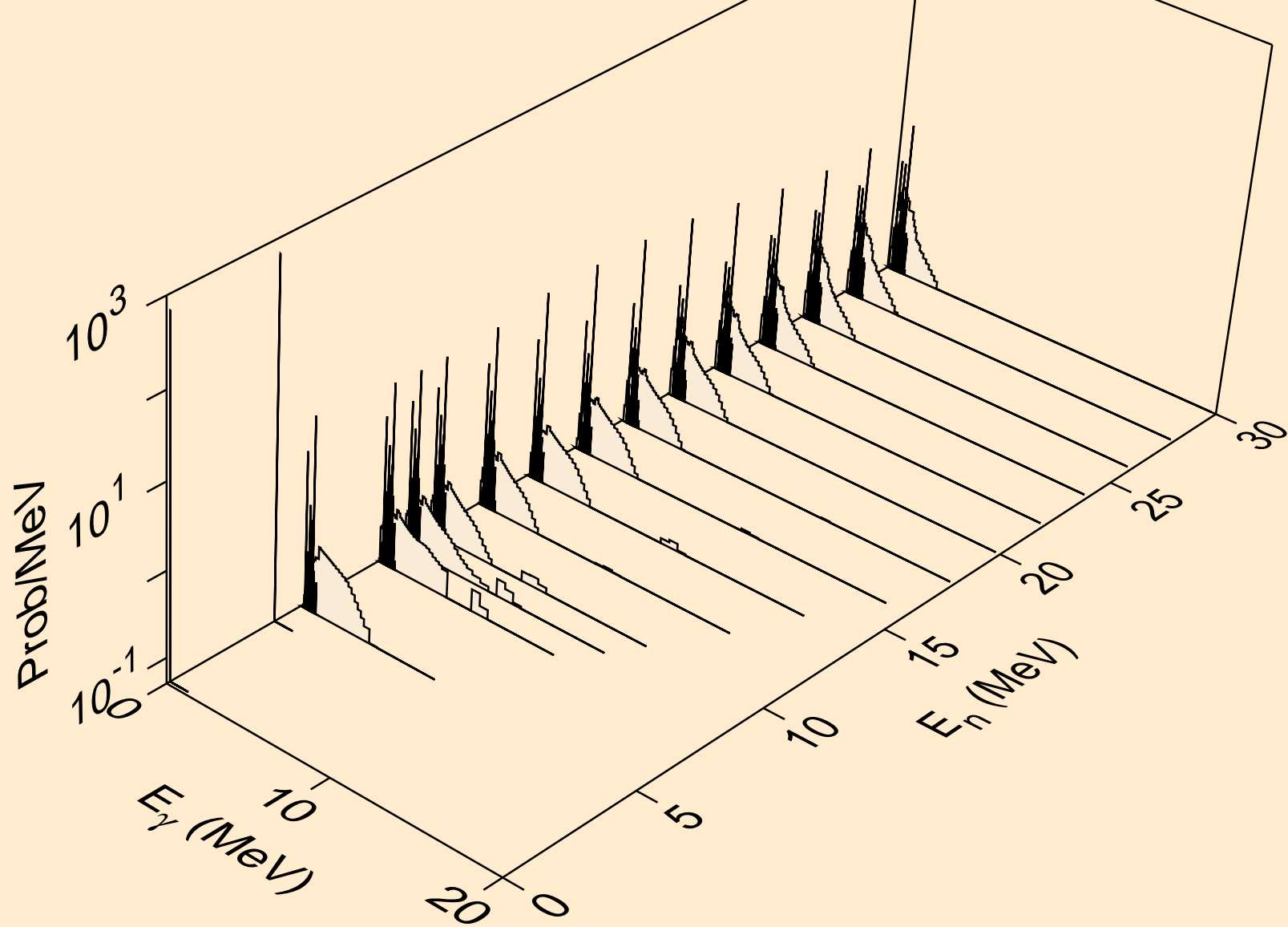
SN123 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



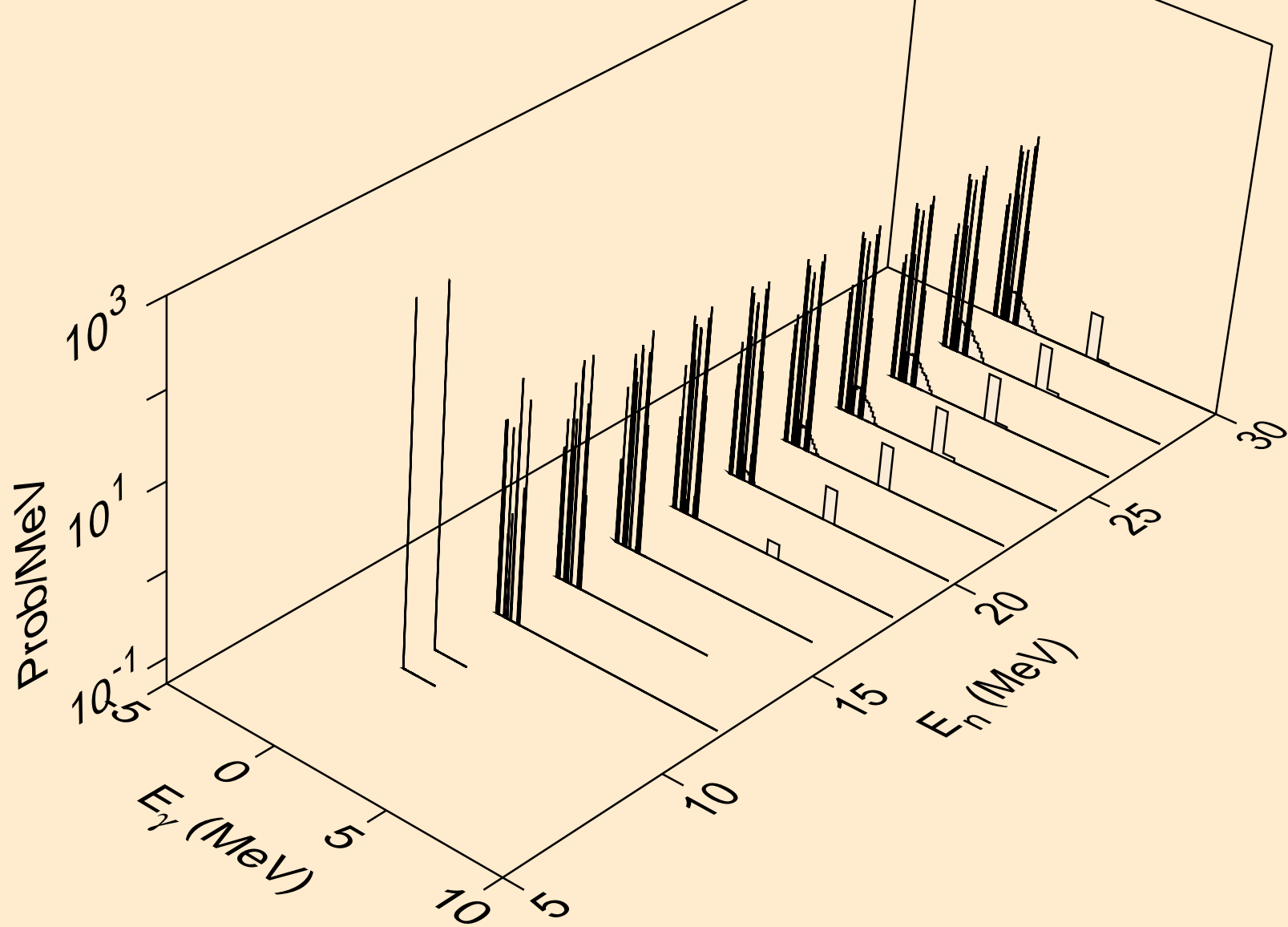
SN123 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



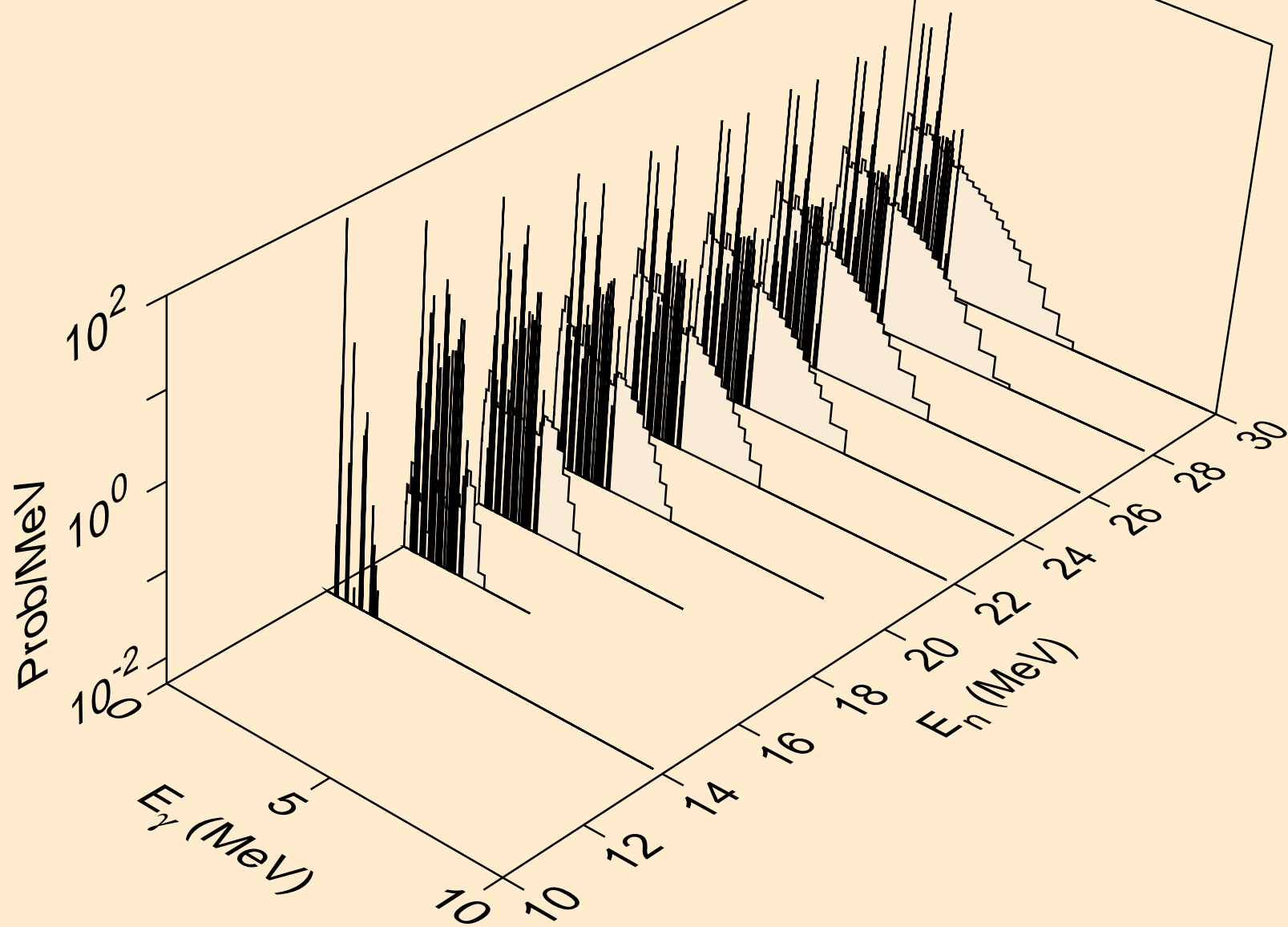
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Photon emission for (n,gma)



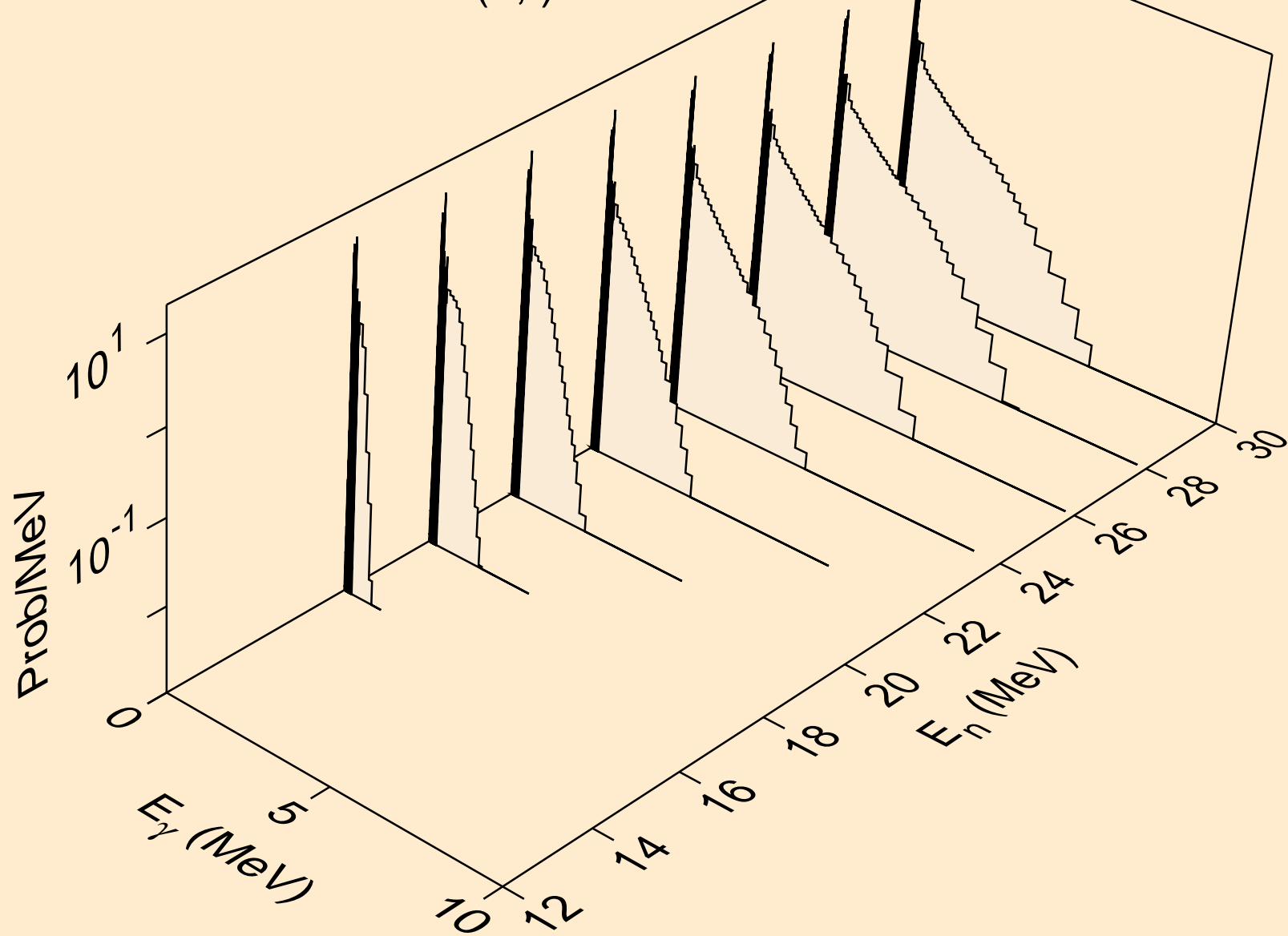
SN123 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



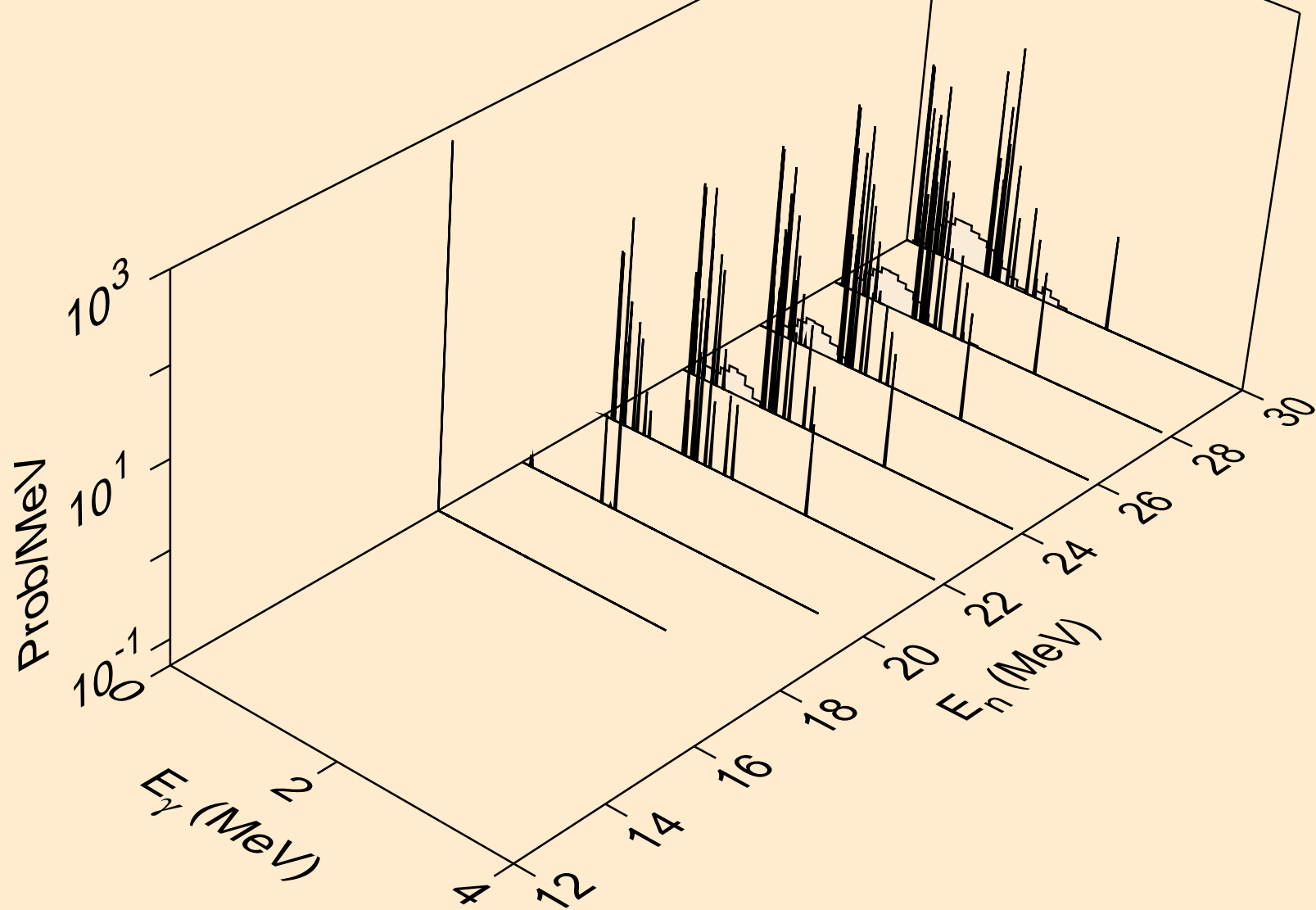
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Photon emission for (n,d)



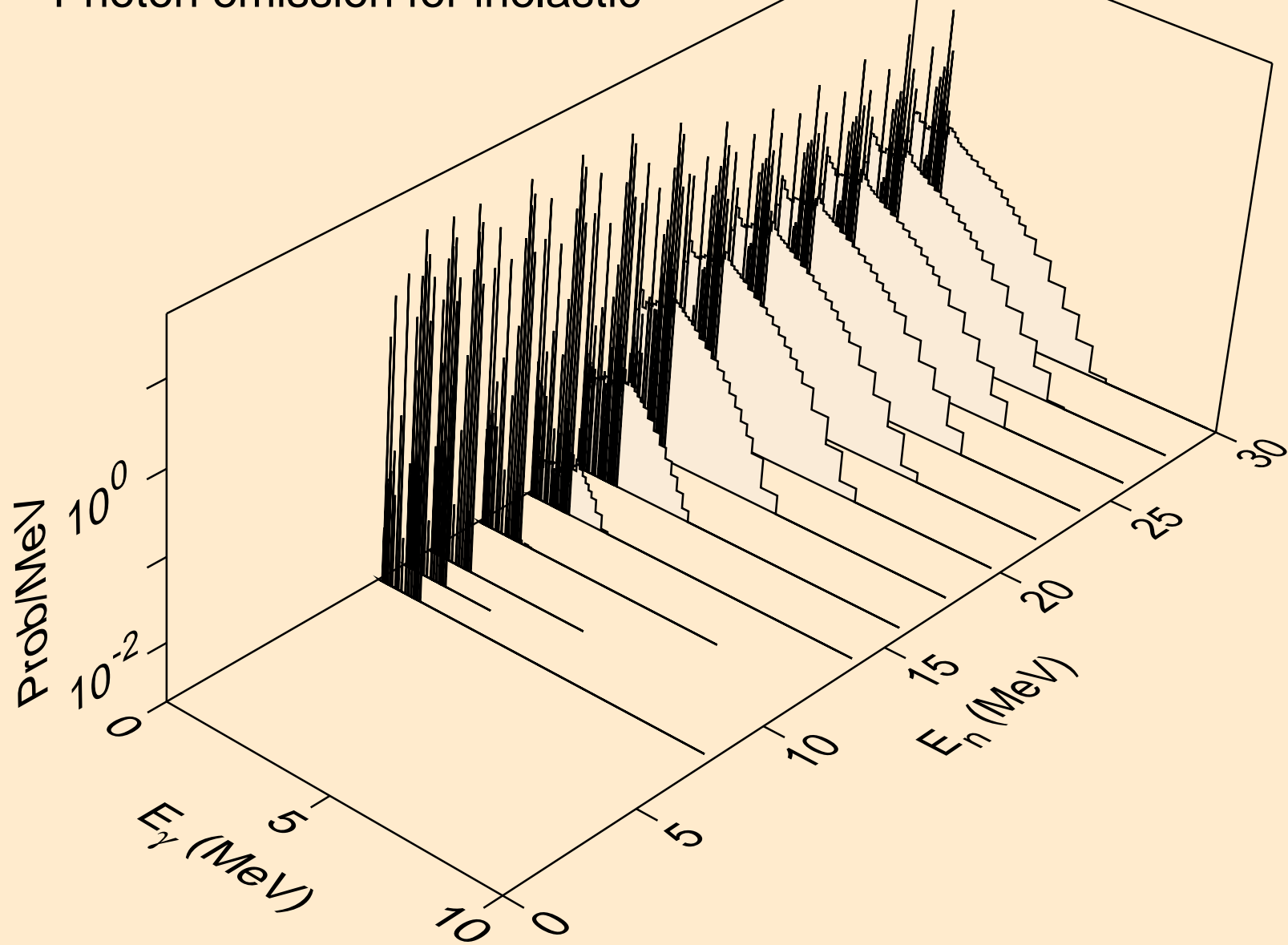
SN123 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



SN123 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)

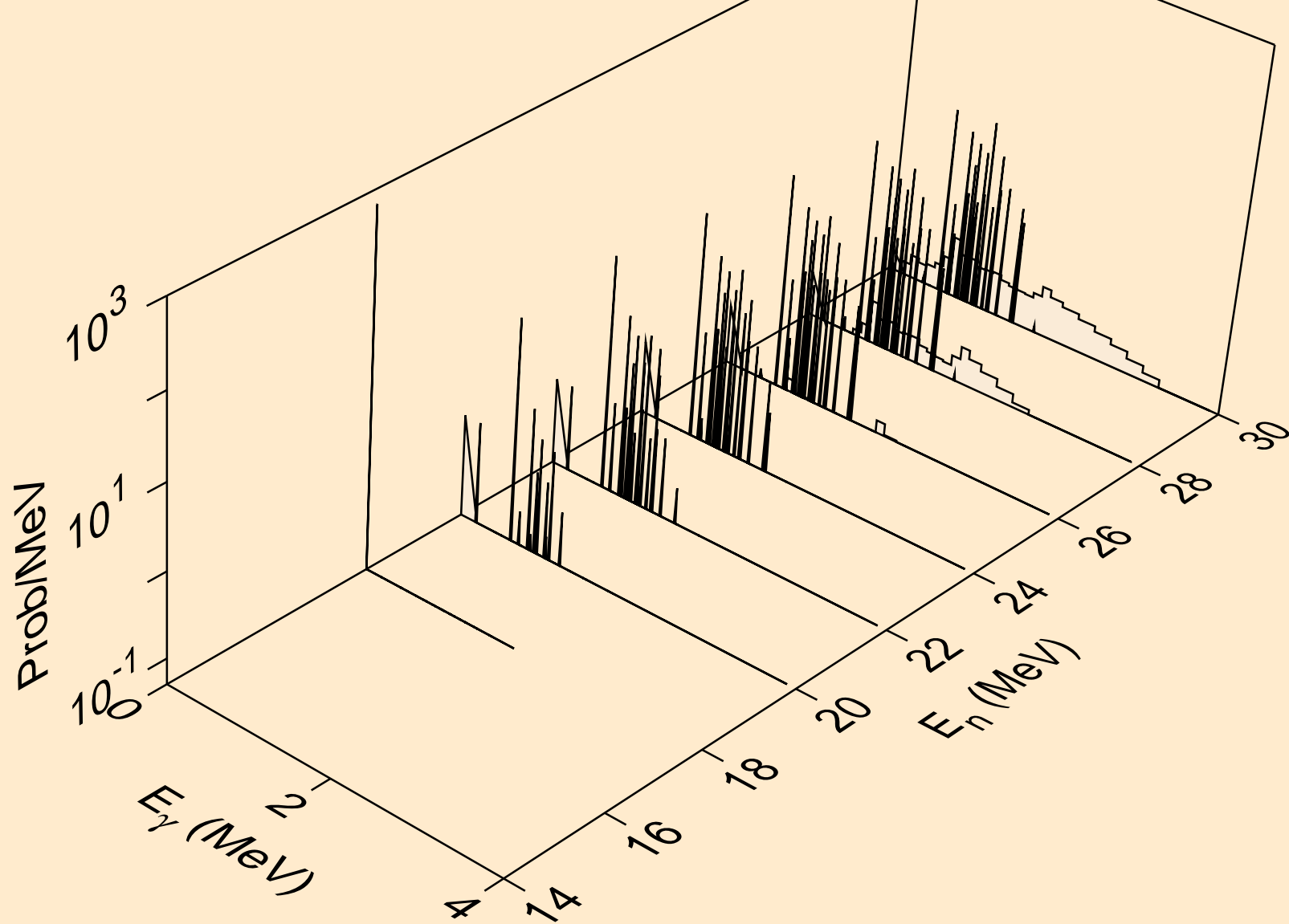


SN123 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



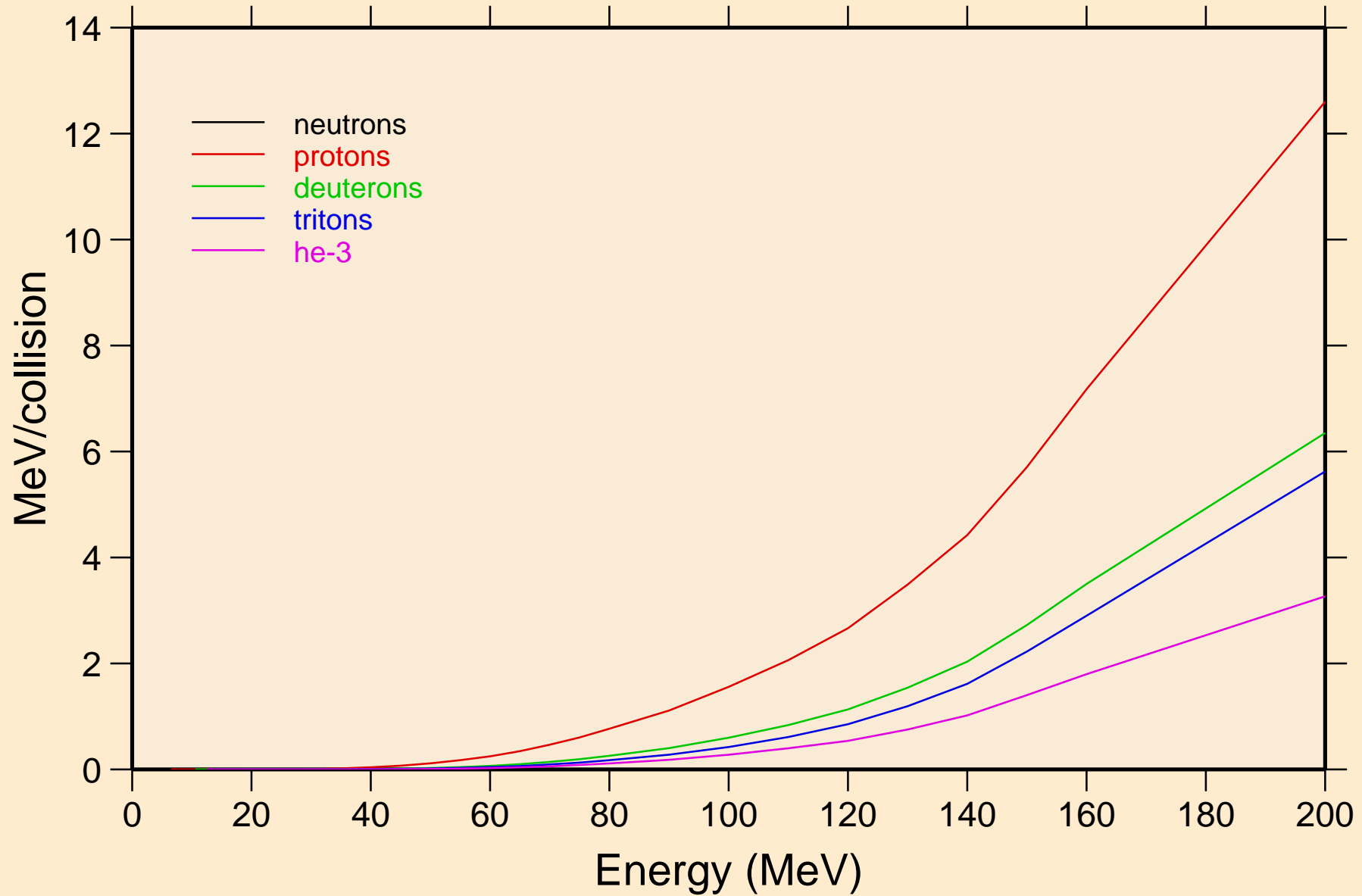


SN123 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

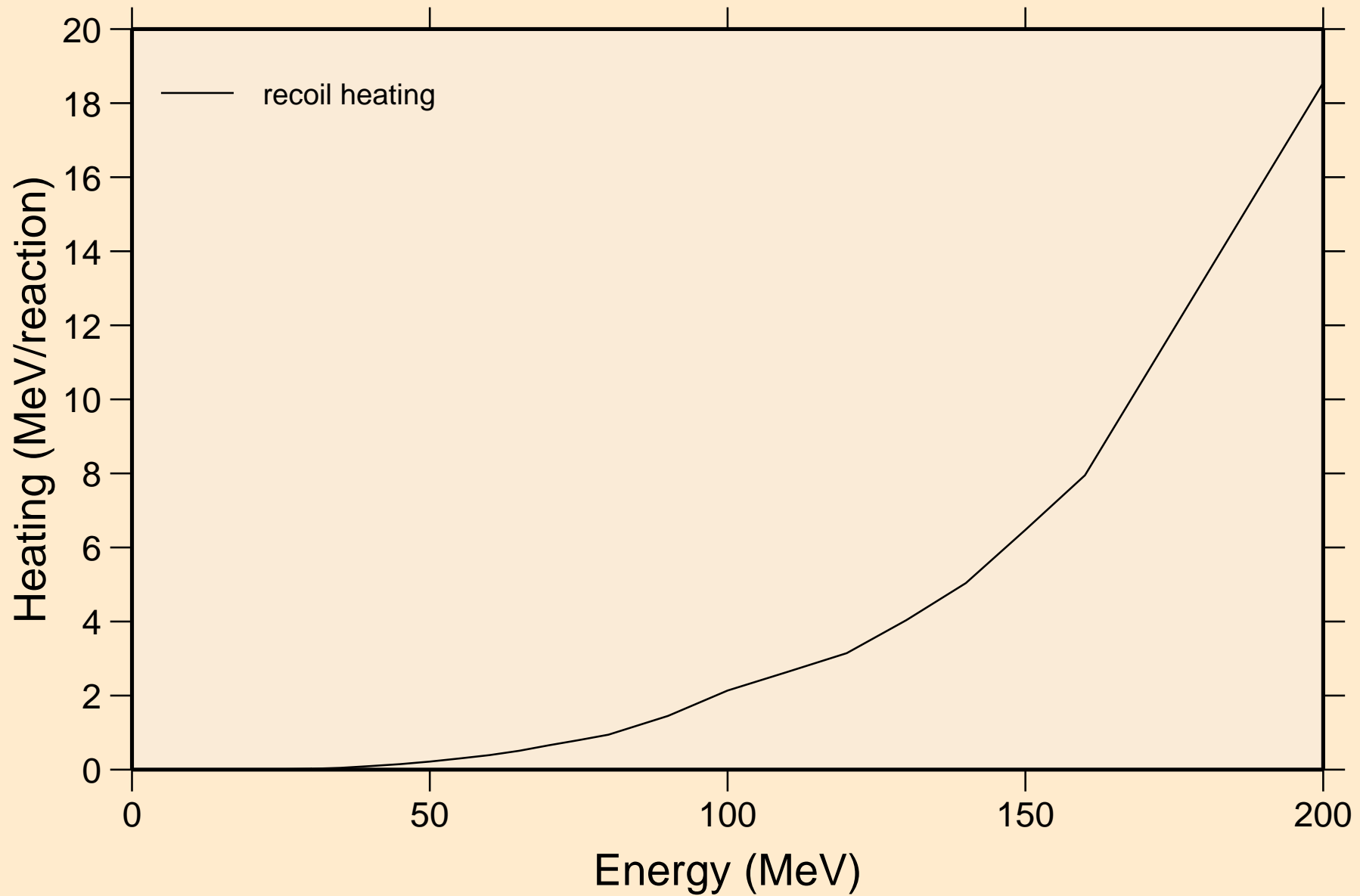


# SN123 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

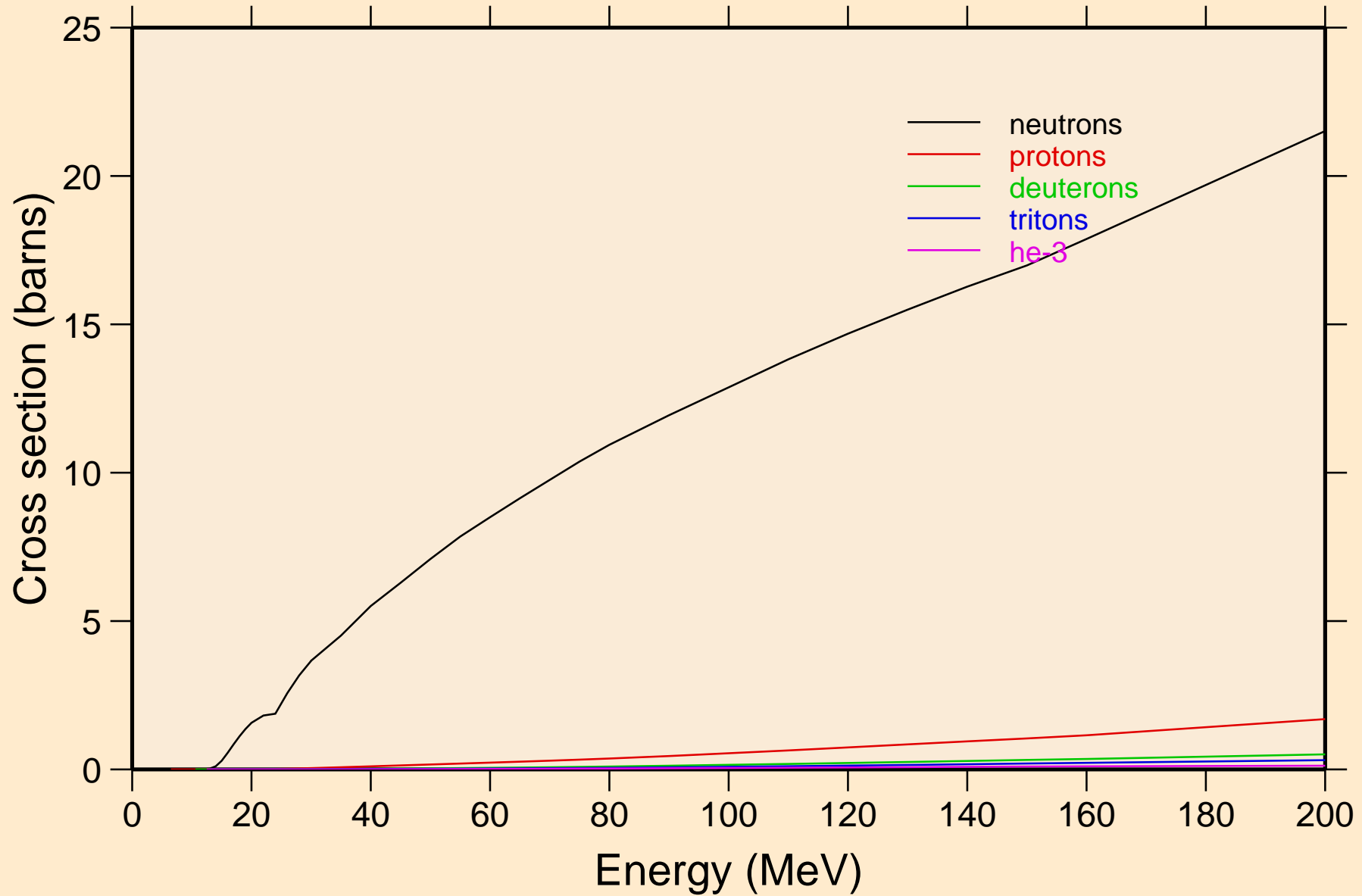
## Particle heating contributions



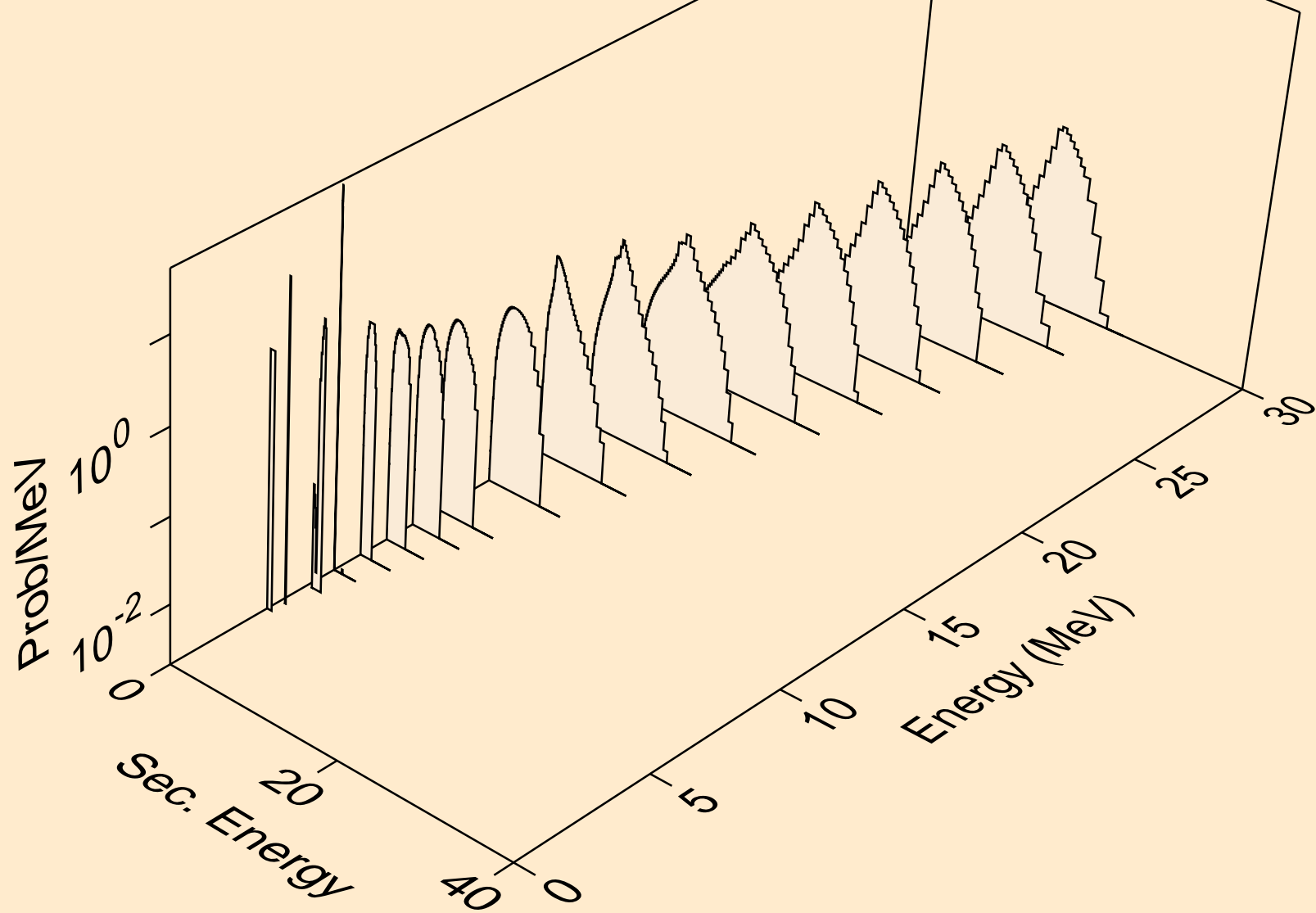
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Recoil Heating



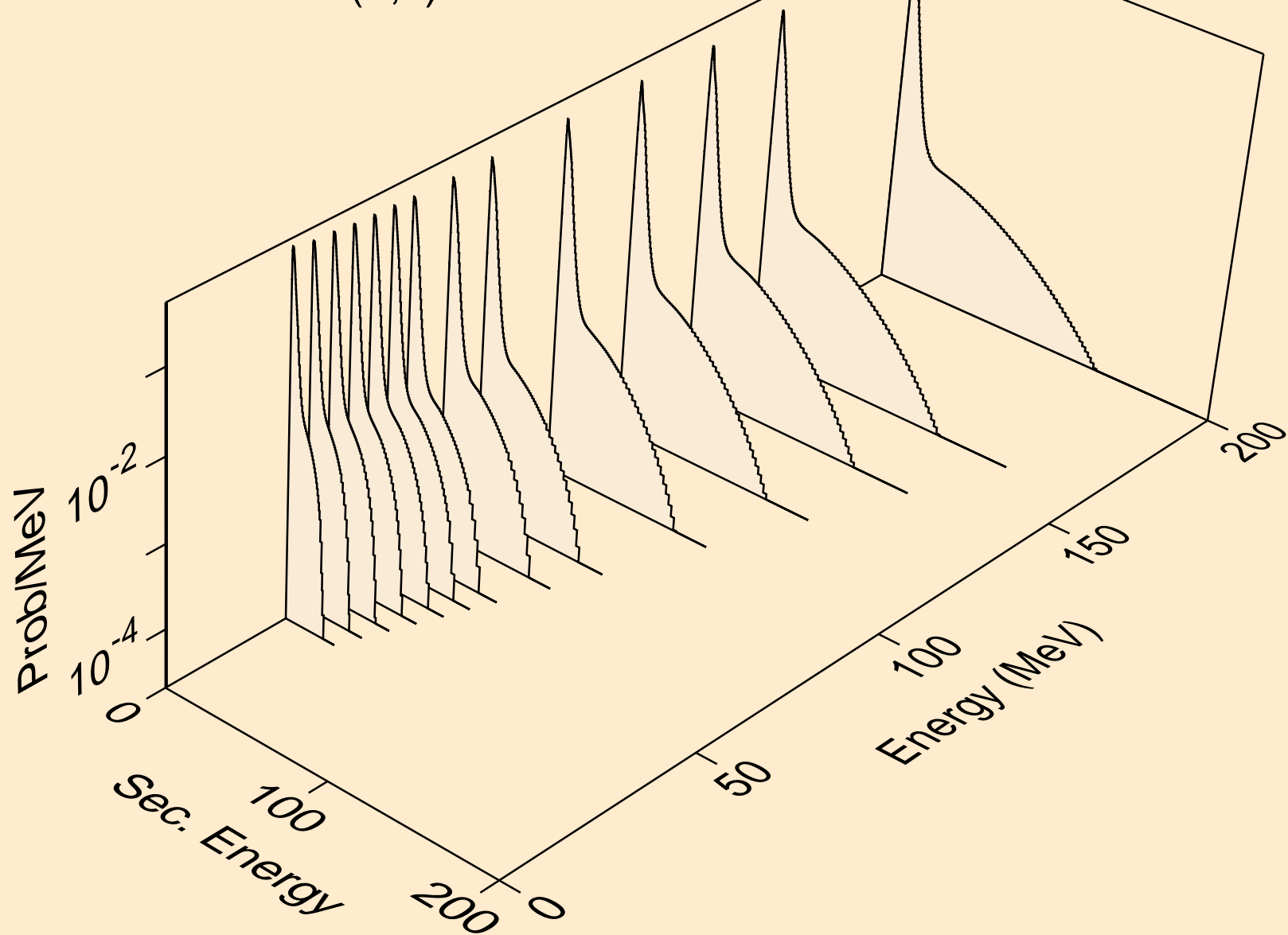
SN123 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



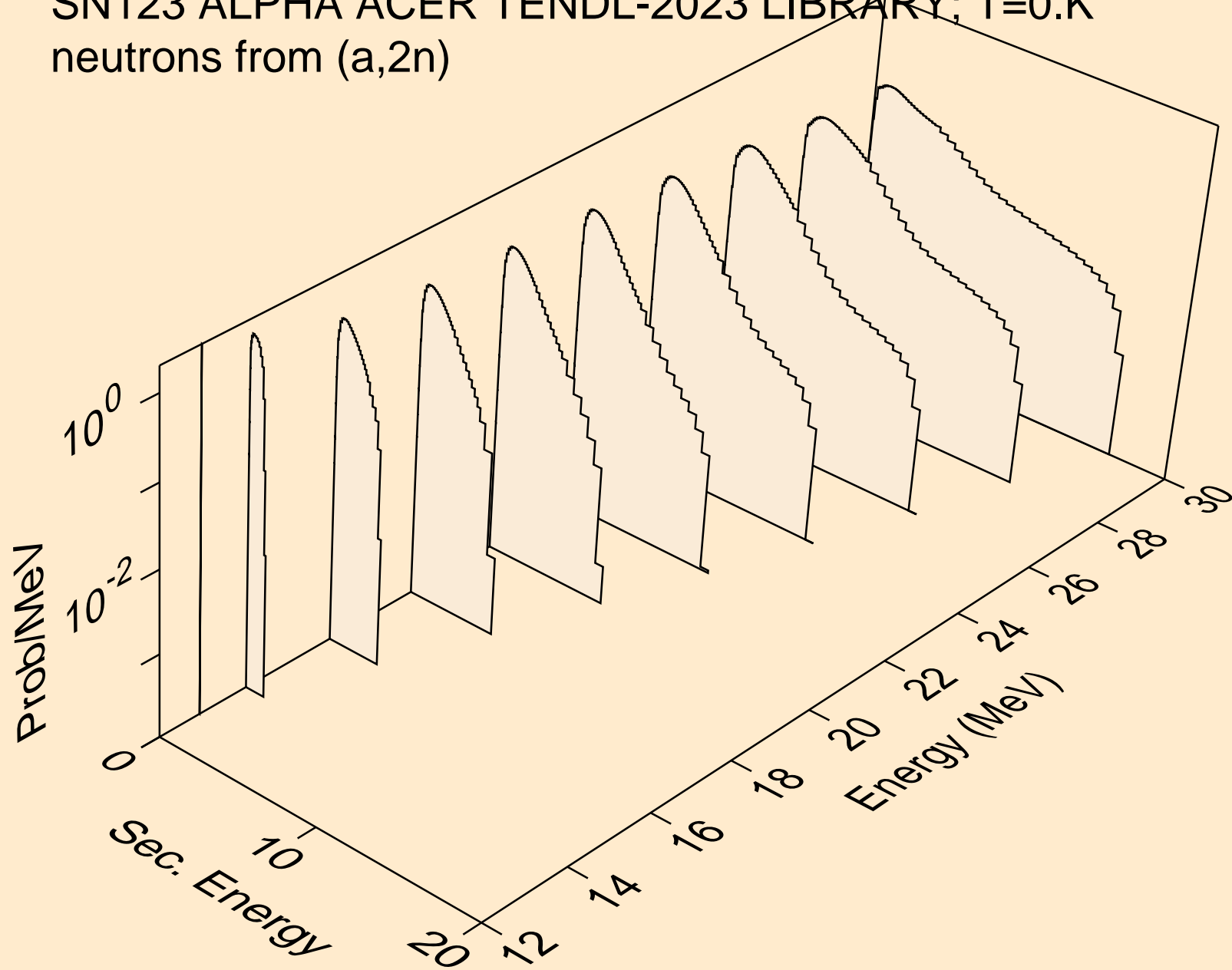
SN123 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)



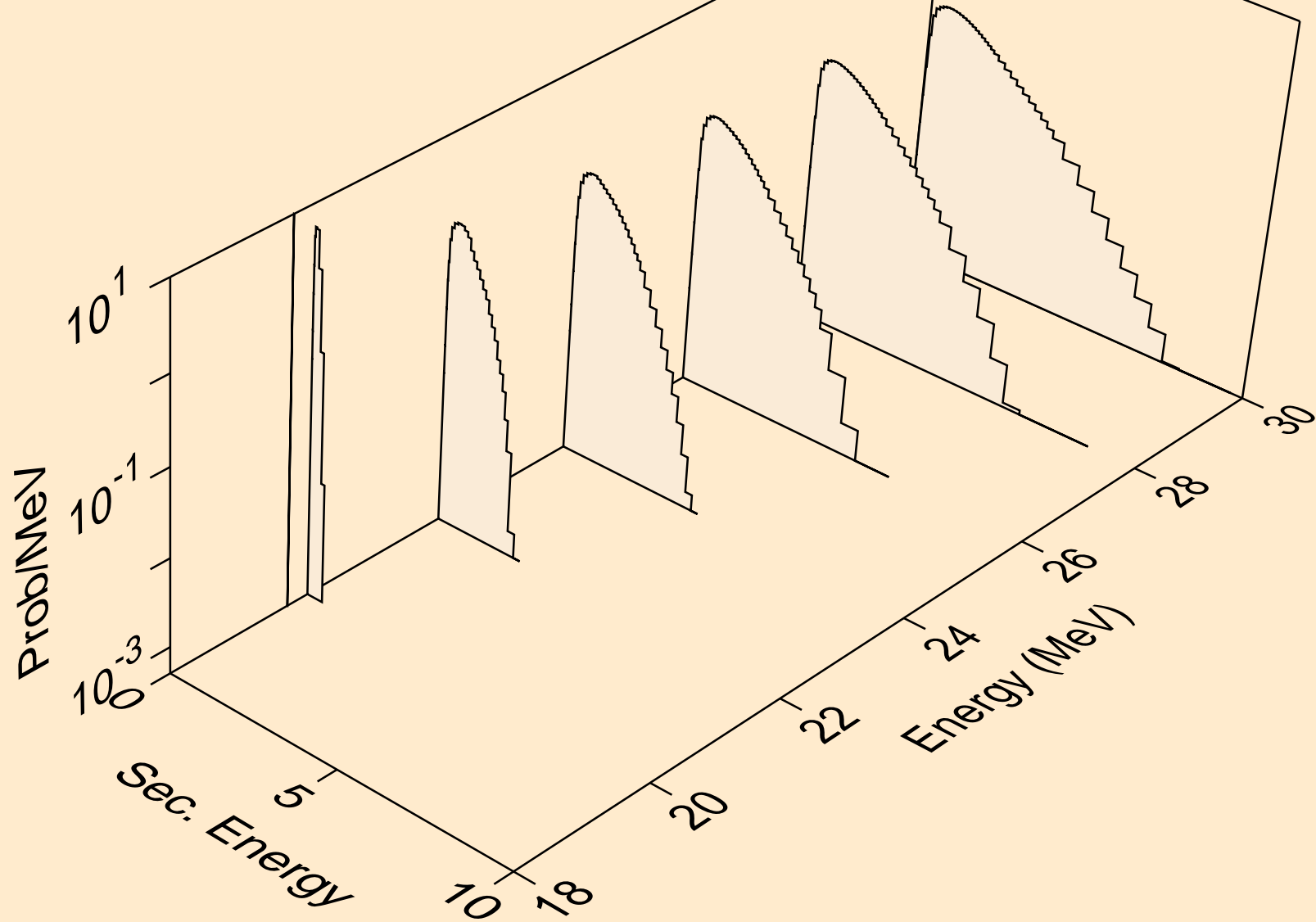
SN123 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)



SN123 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)

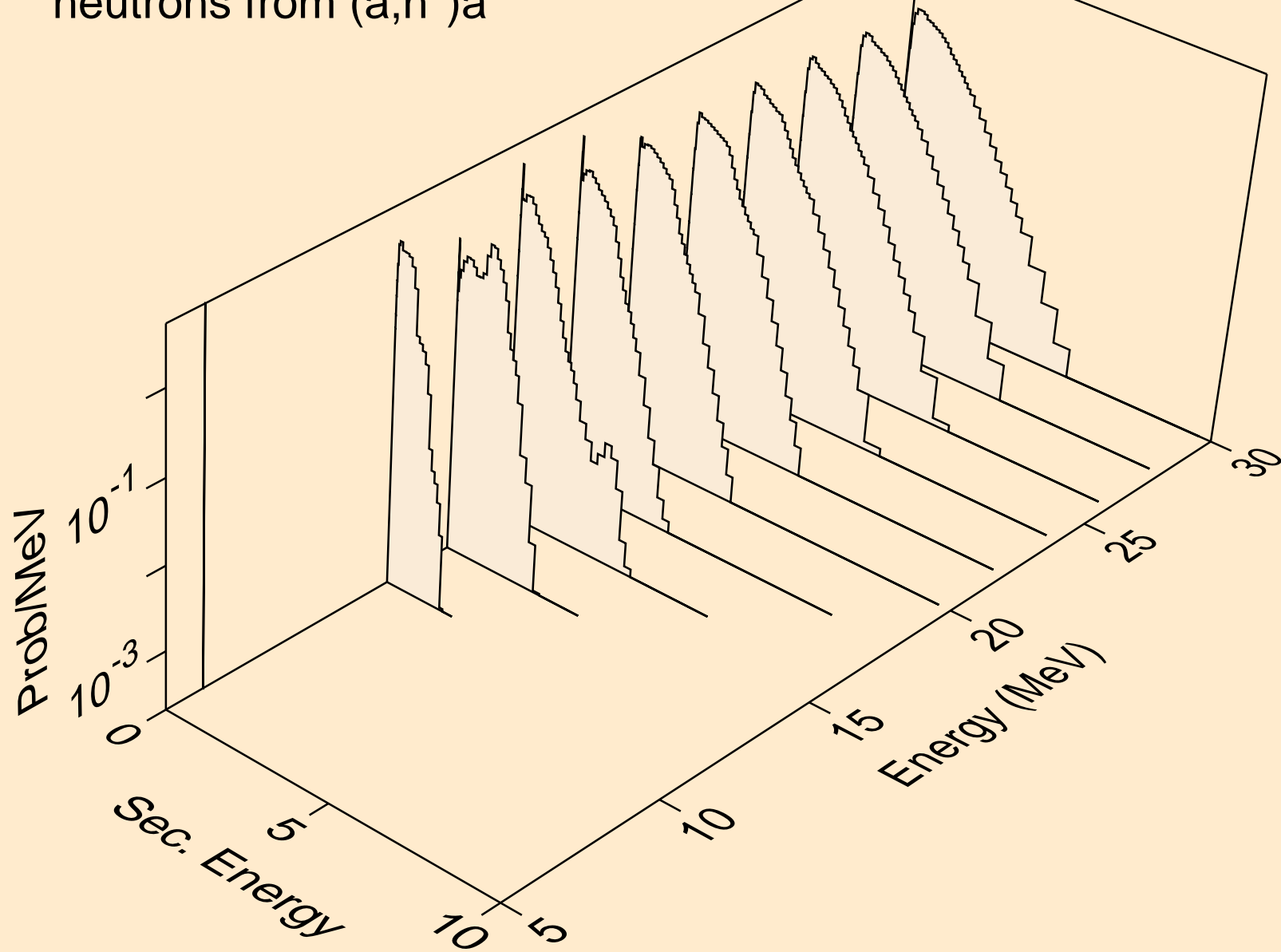


SN123 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3n)

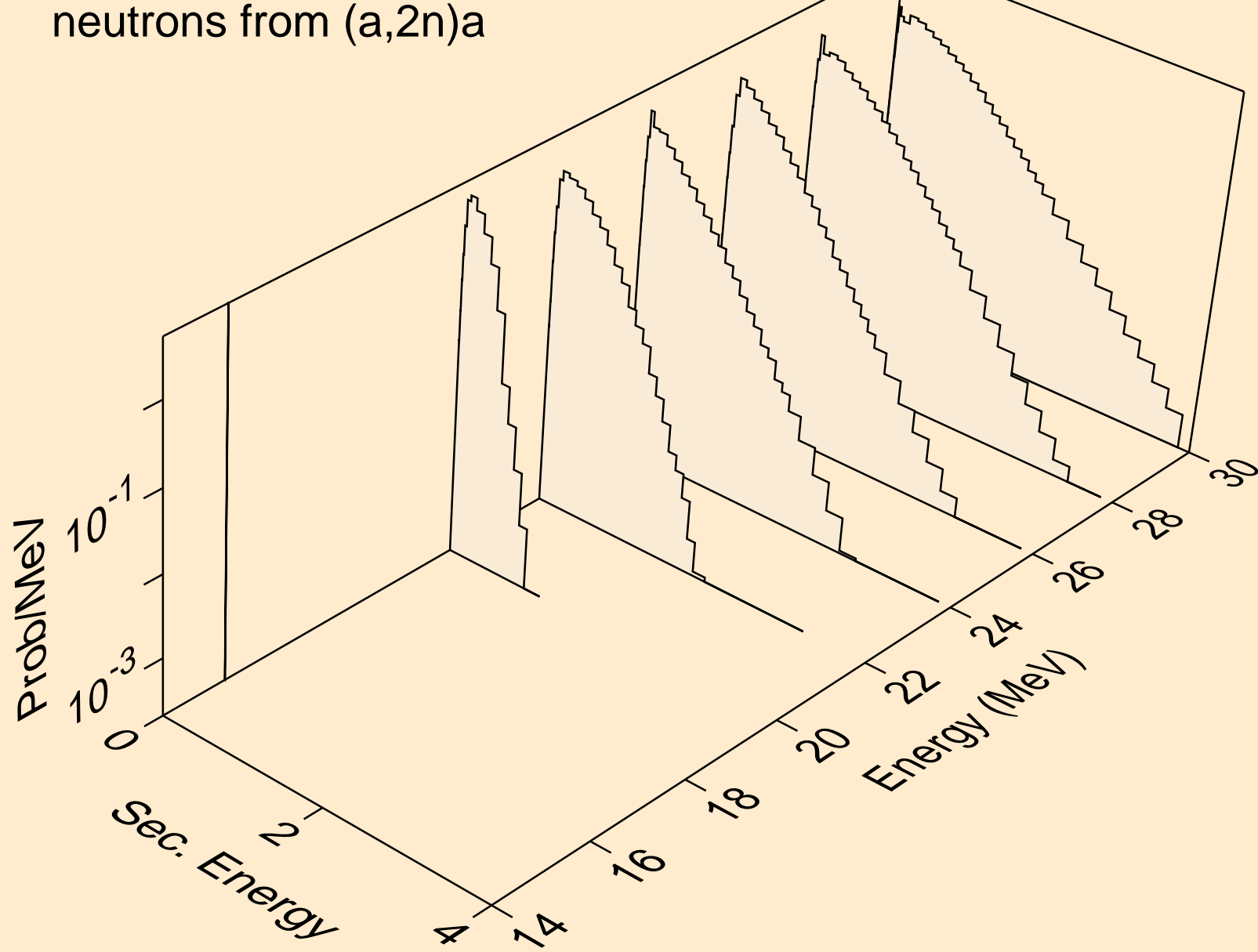




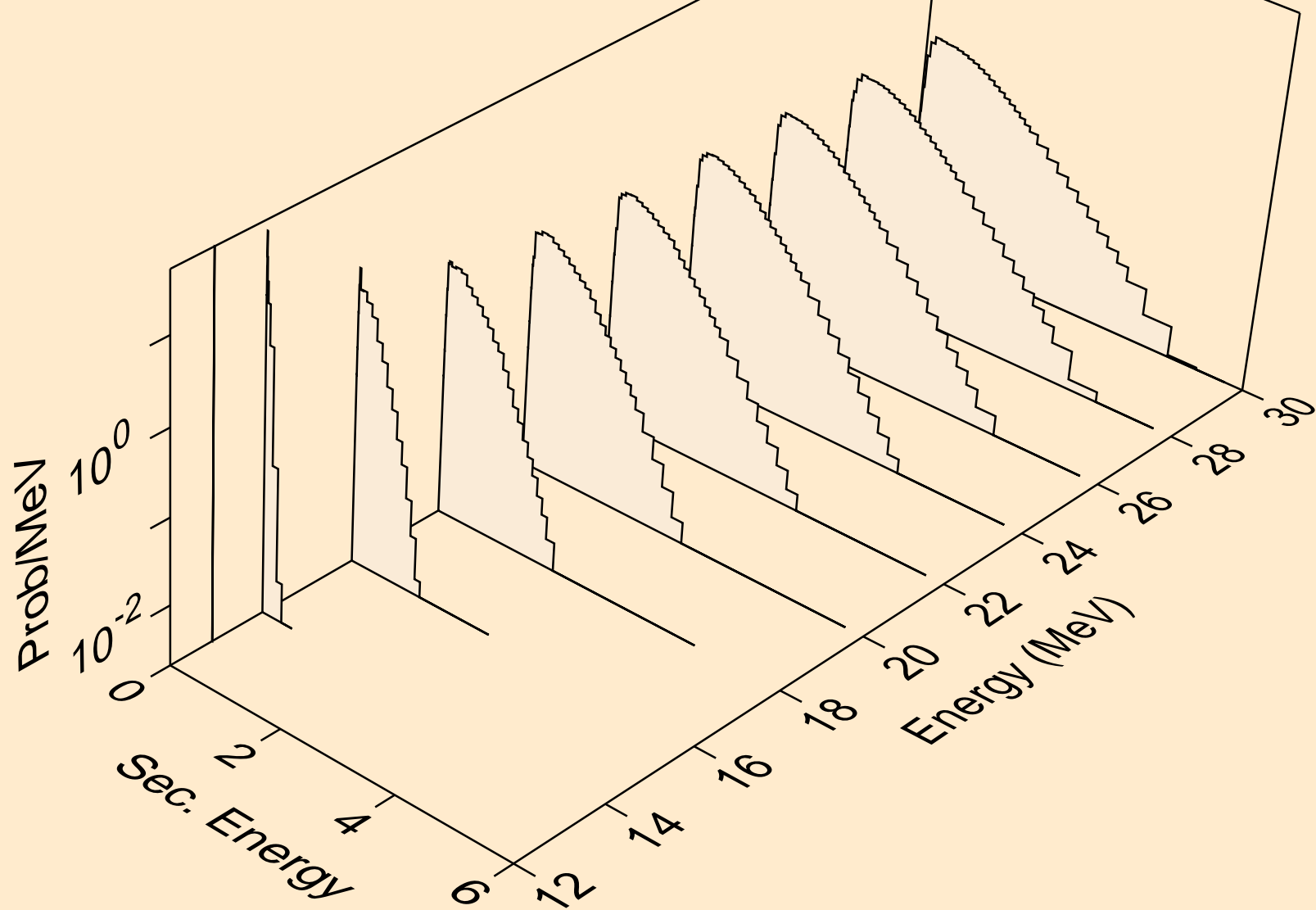
SN123 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a



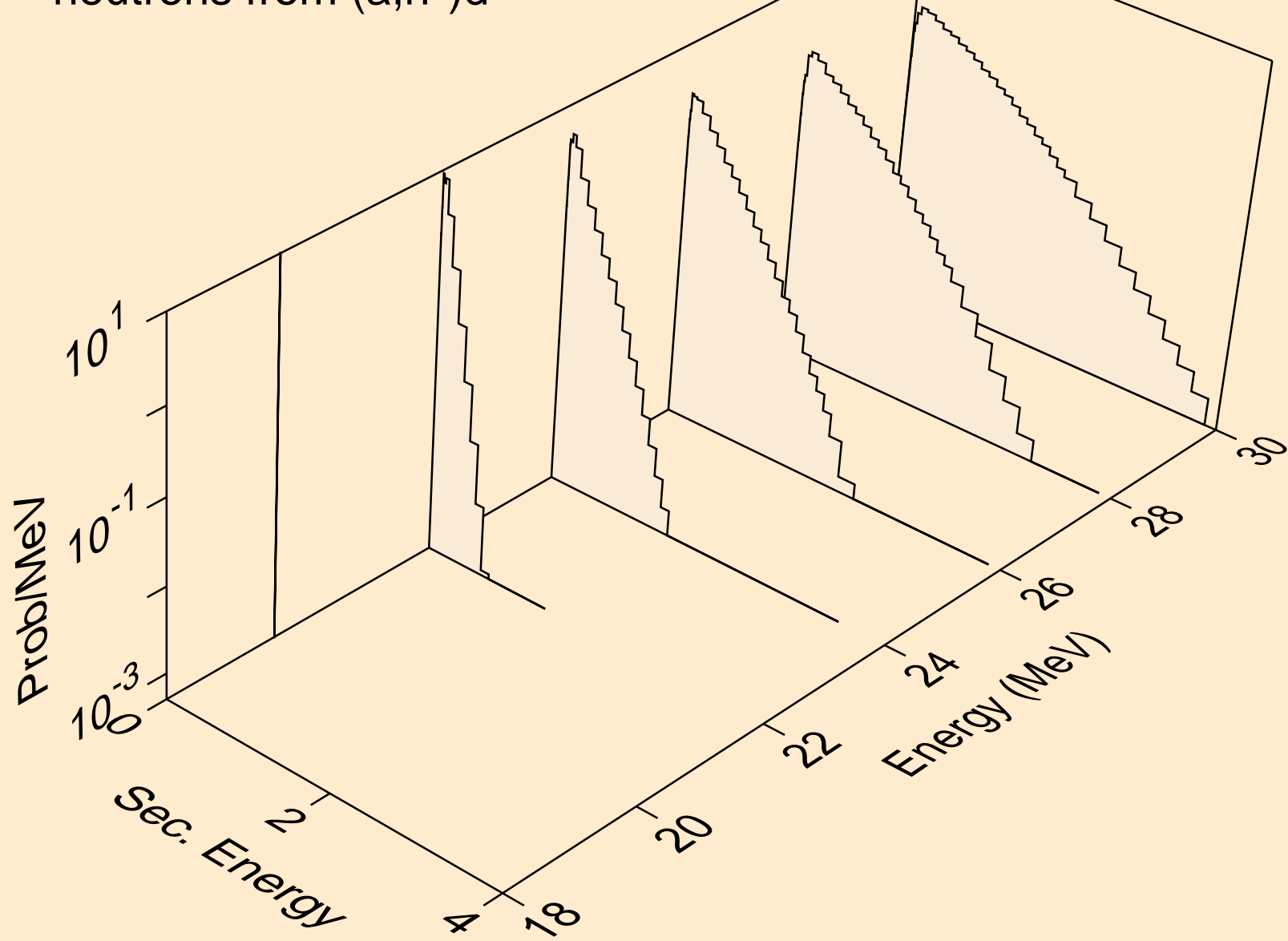
SN123 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)a



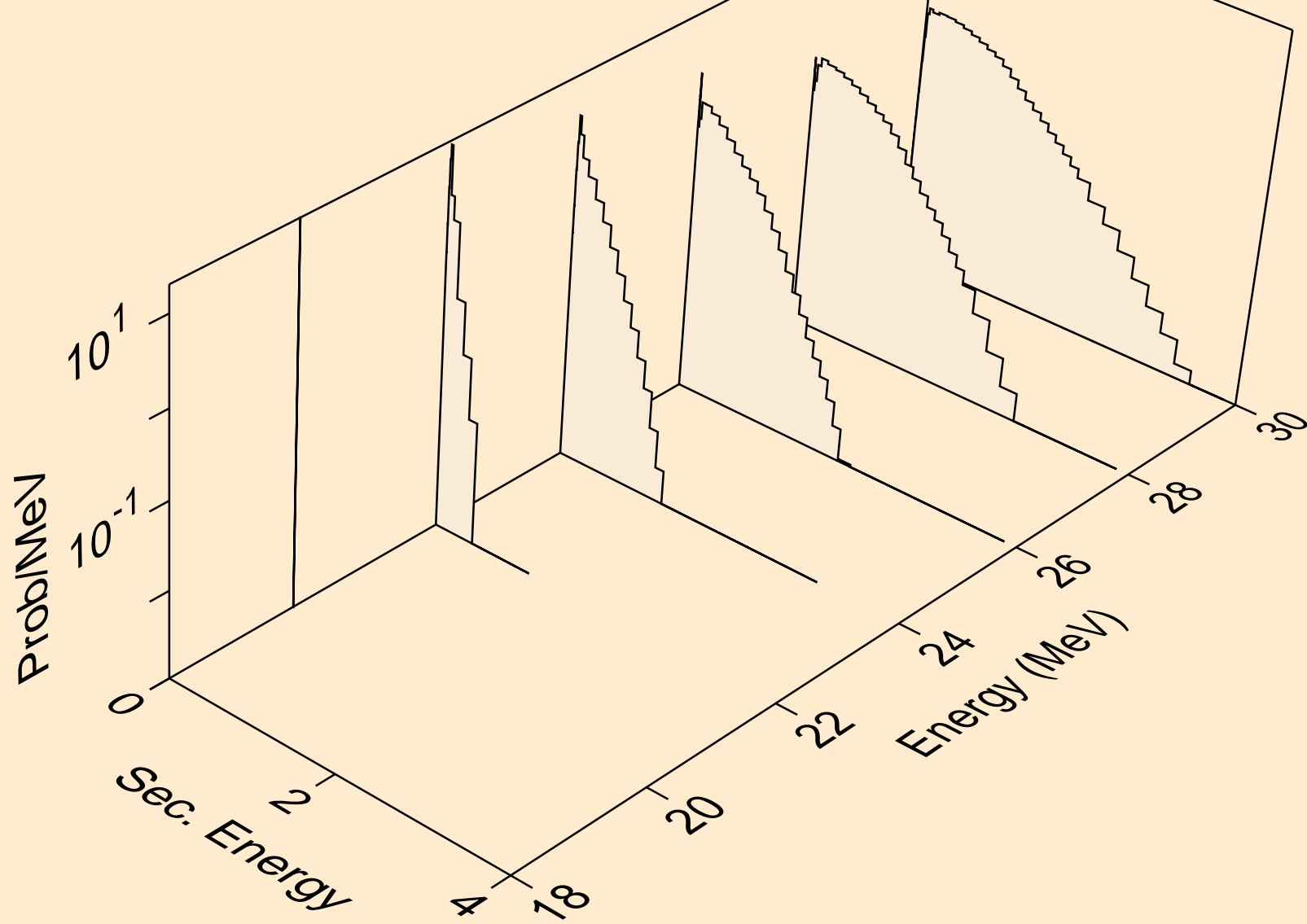
SN123 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)p



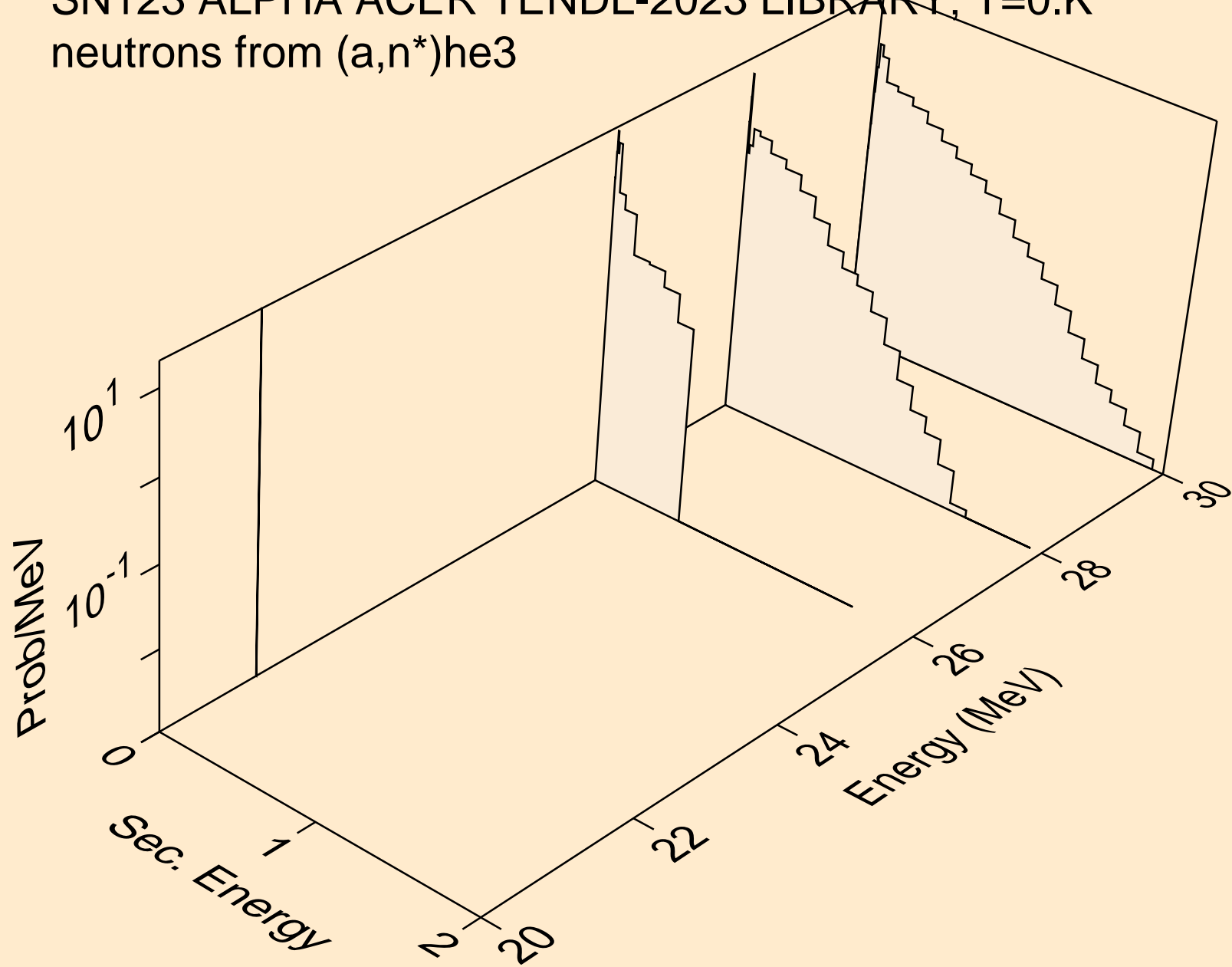
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neutrons from (a,n\*)d



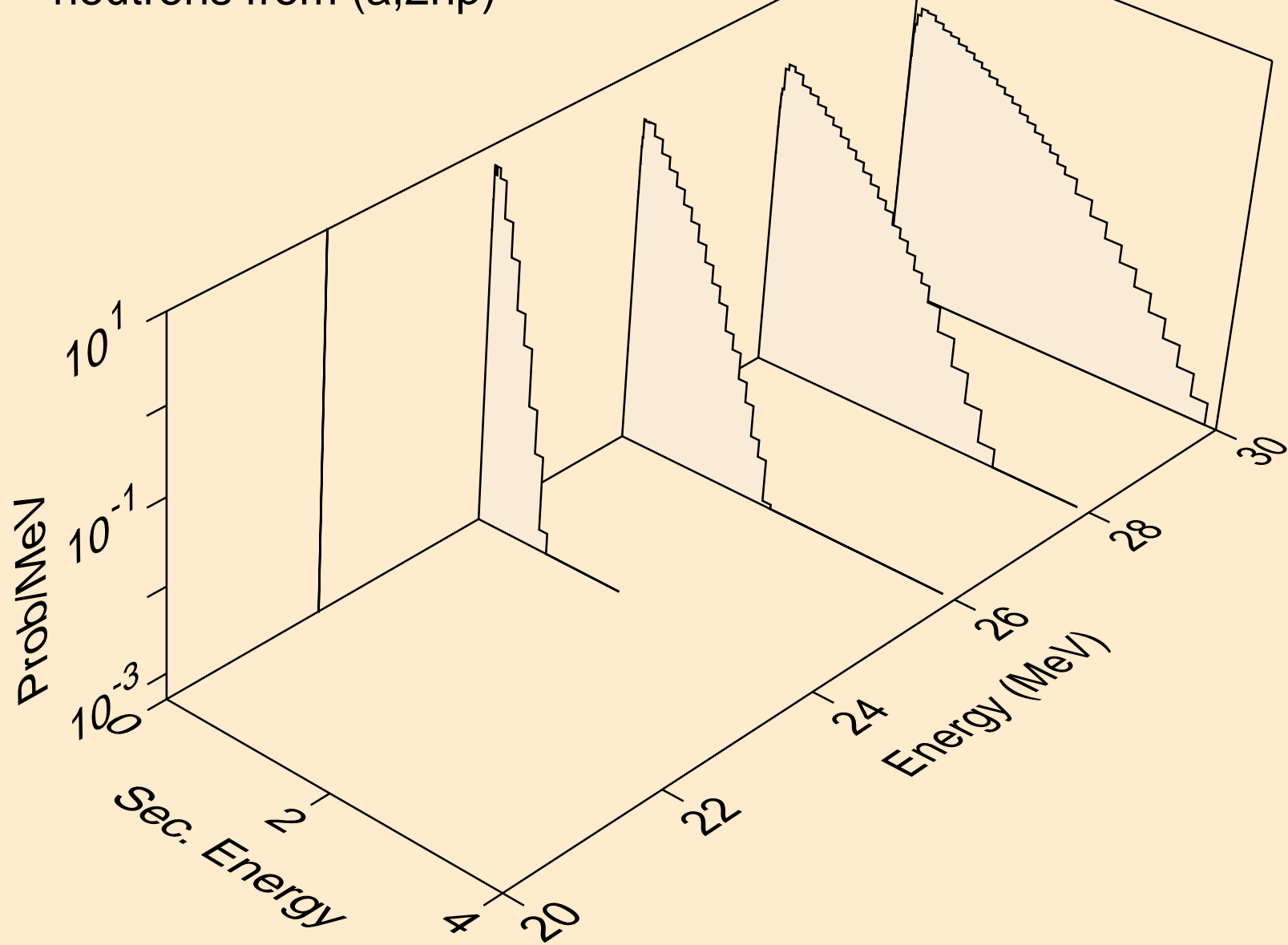
SN123 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)t



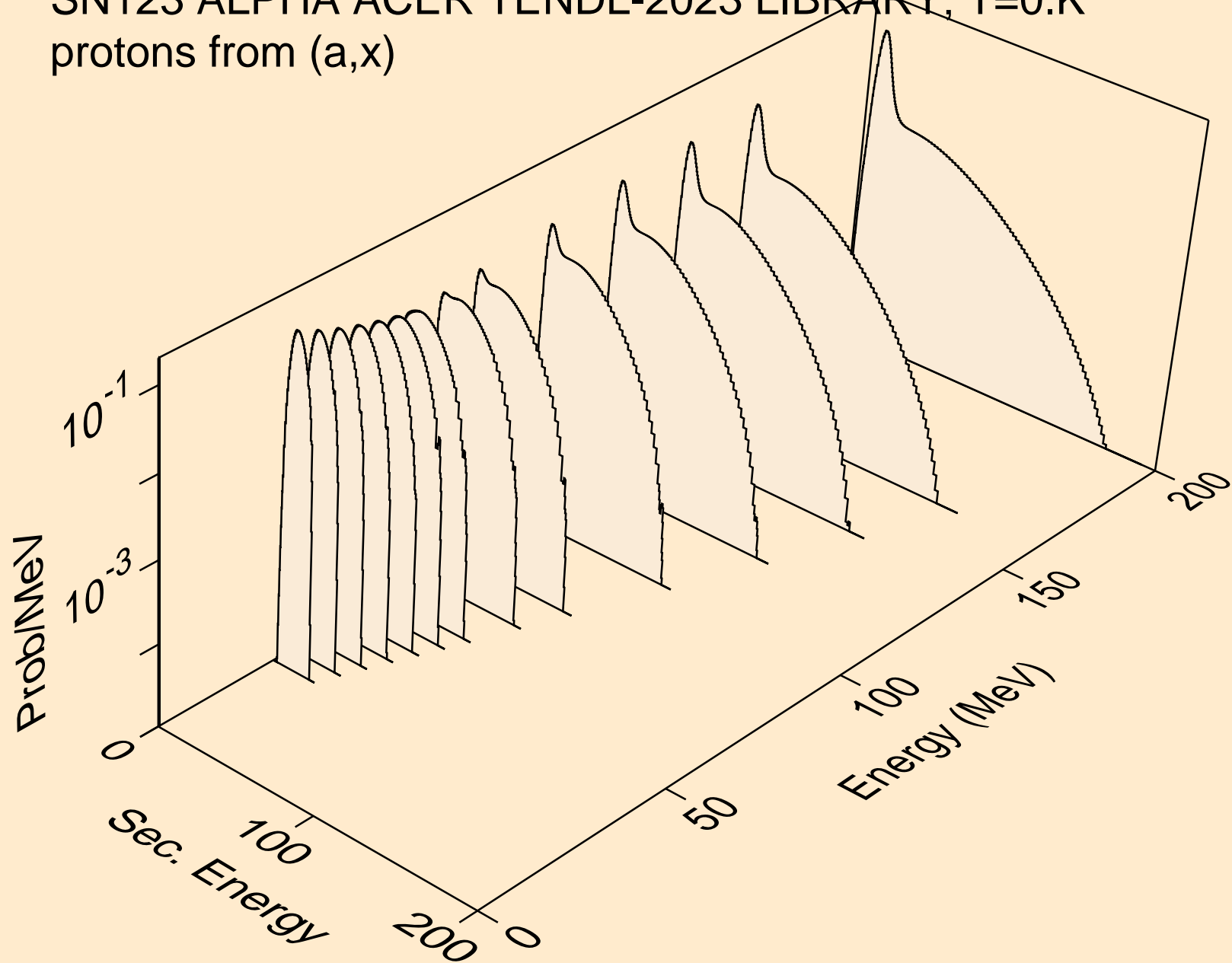
SN123 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)he3



SN123 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2np)

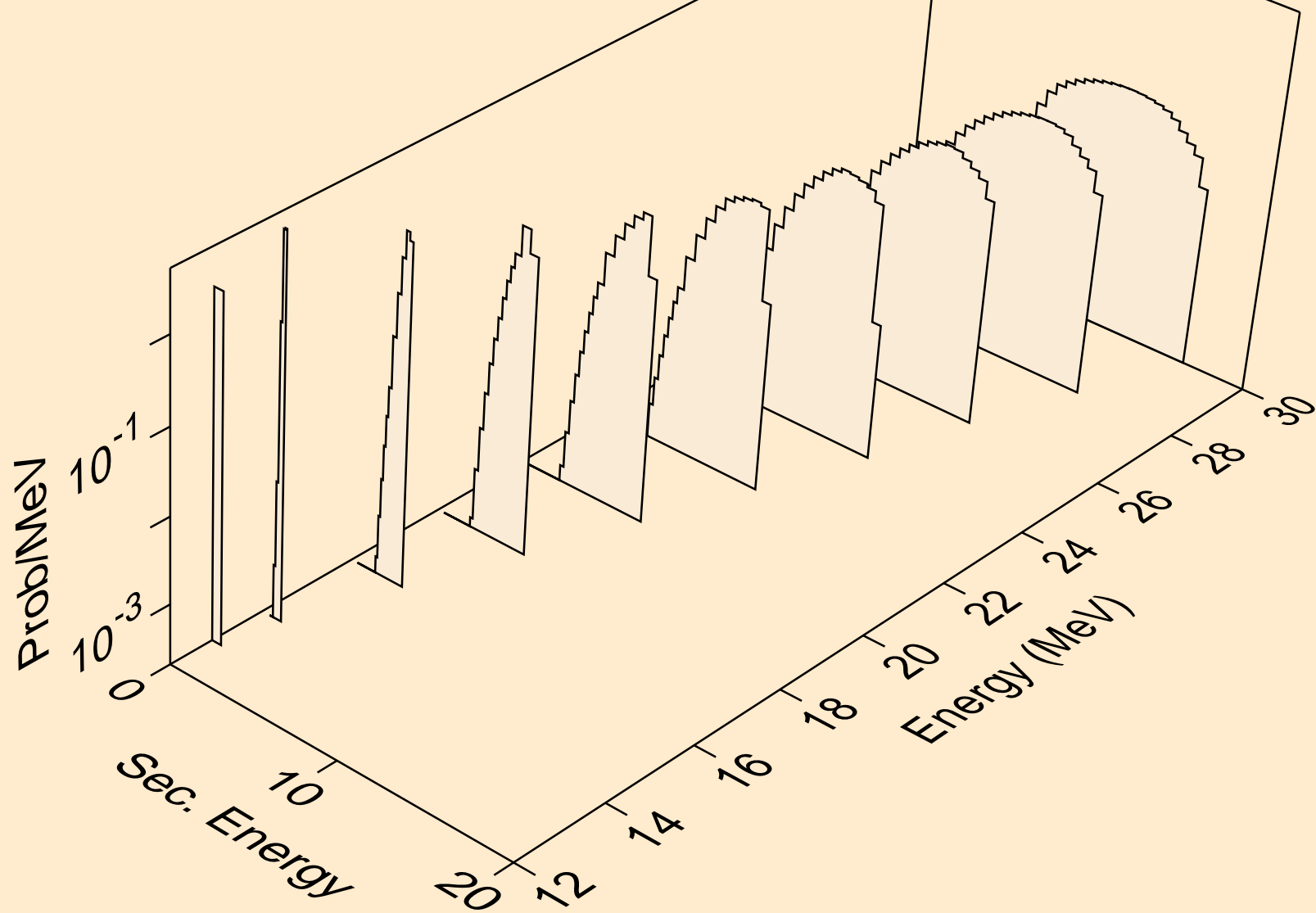


SN123 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,x)

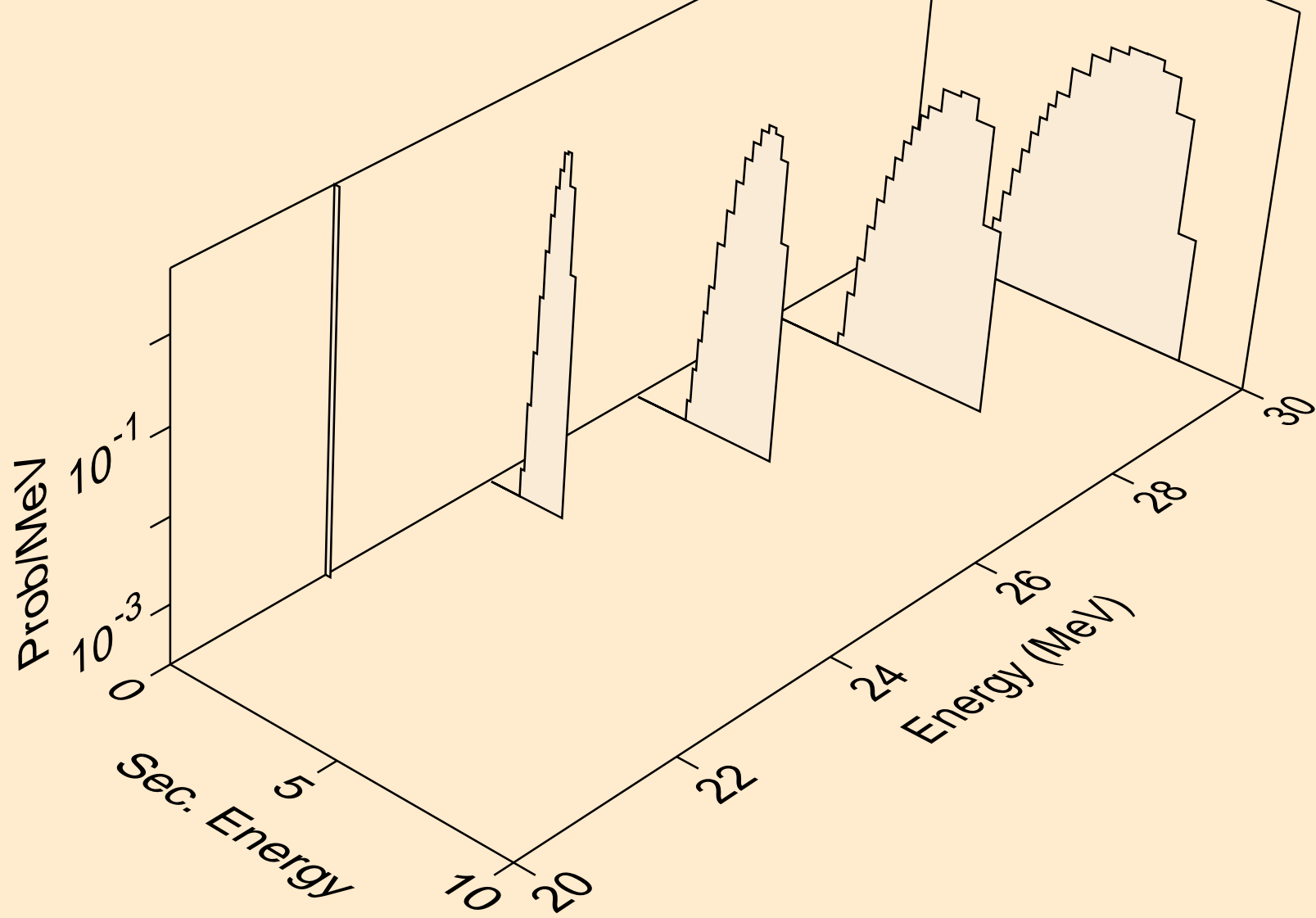




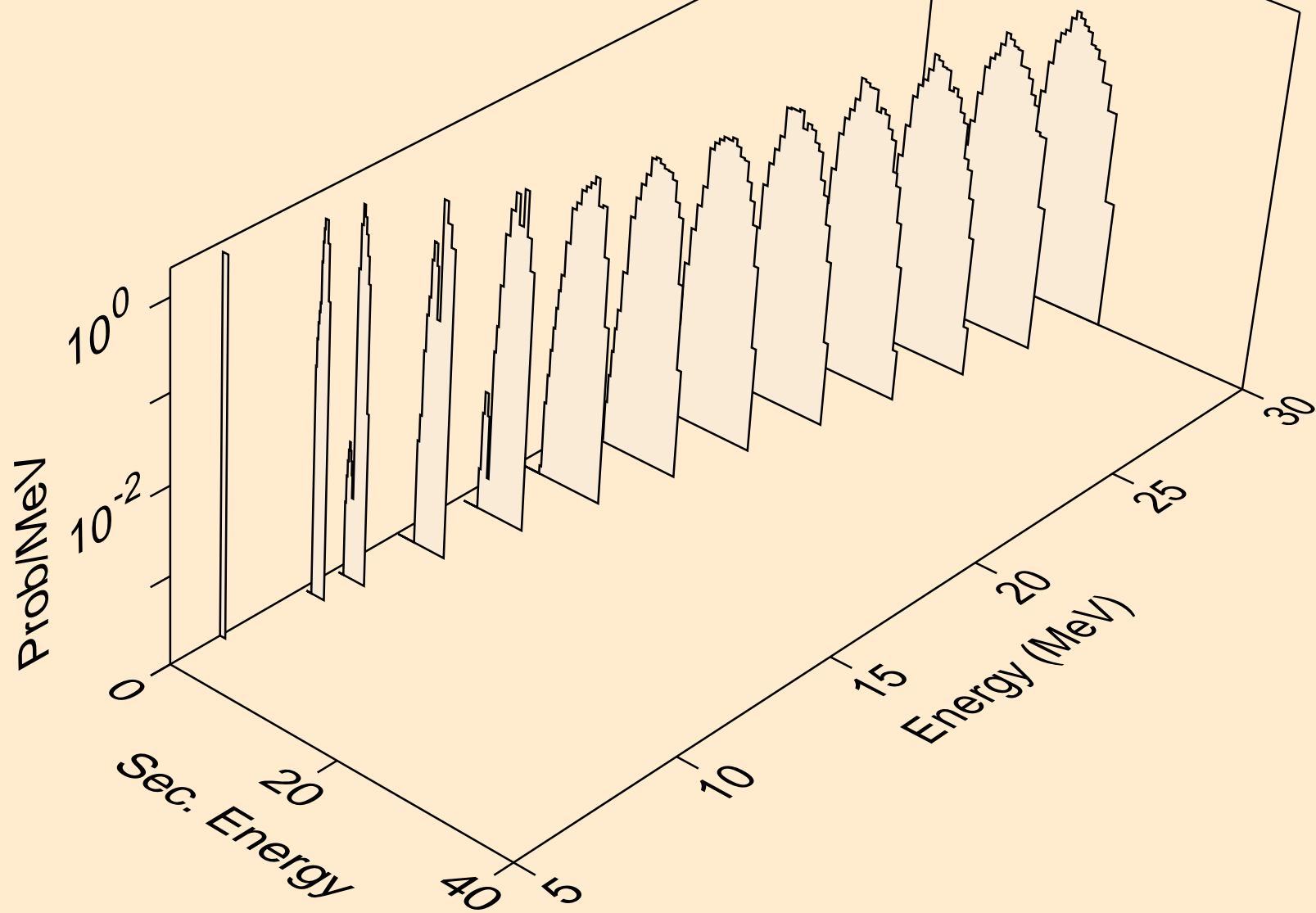
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protons from (a,n\*)p



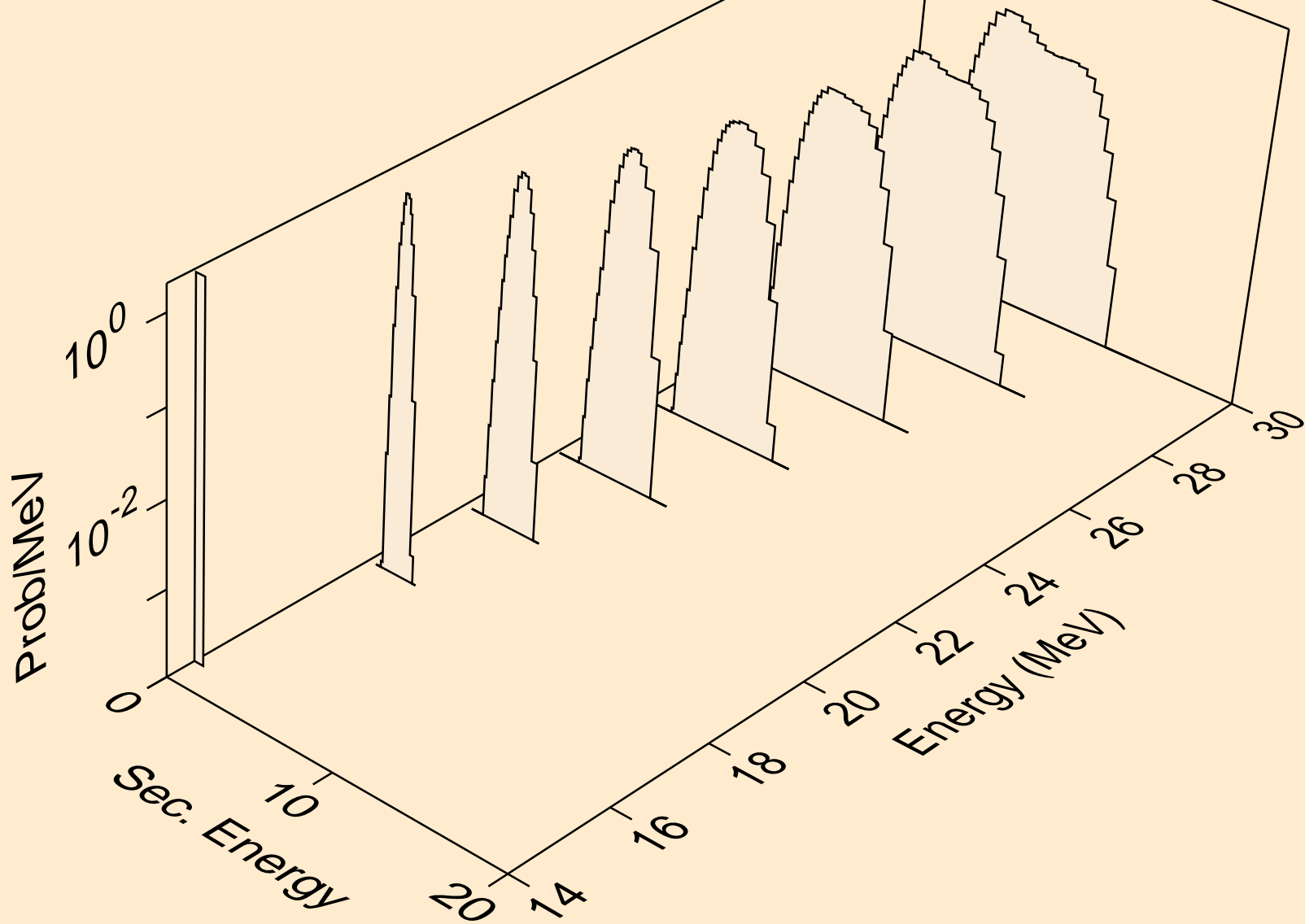
SN123 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2np)



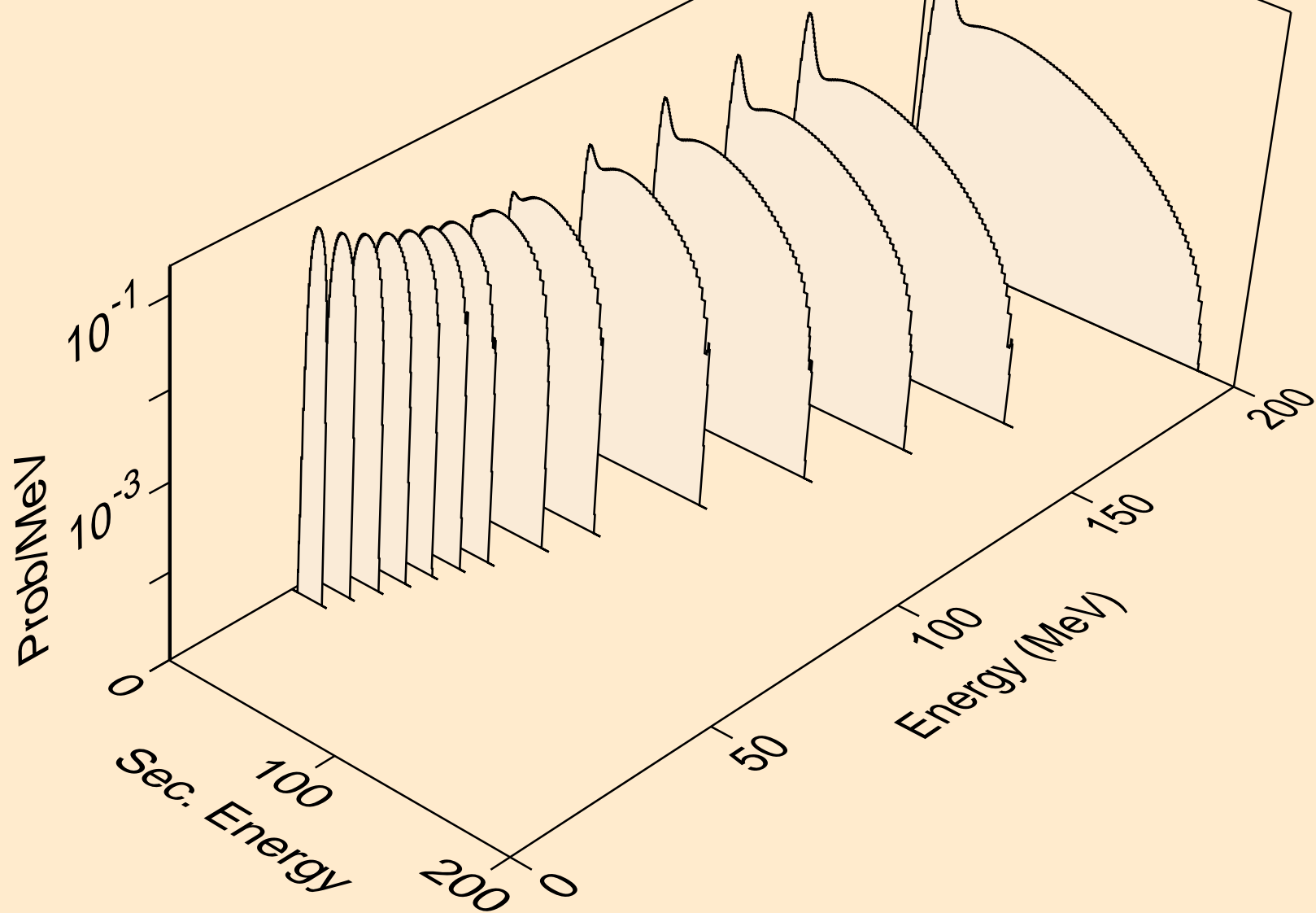
SN123 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,p)



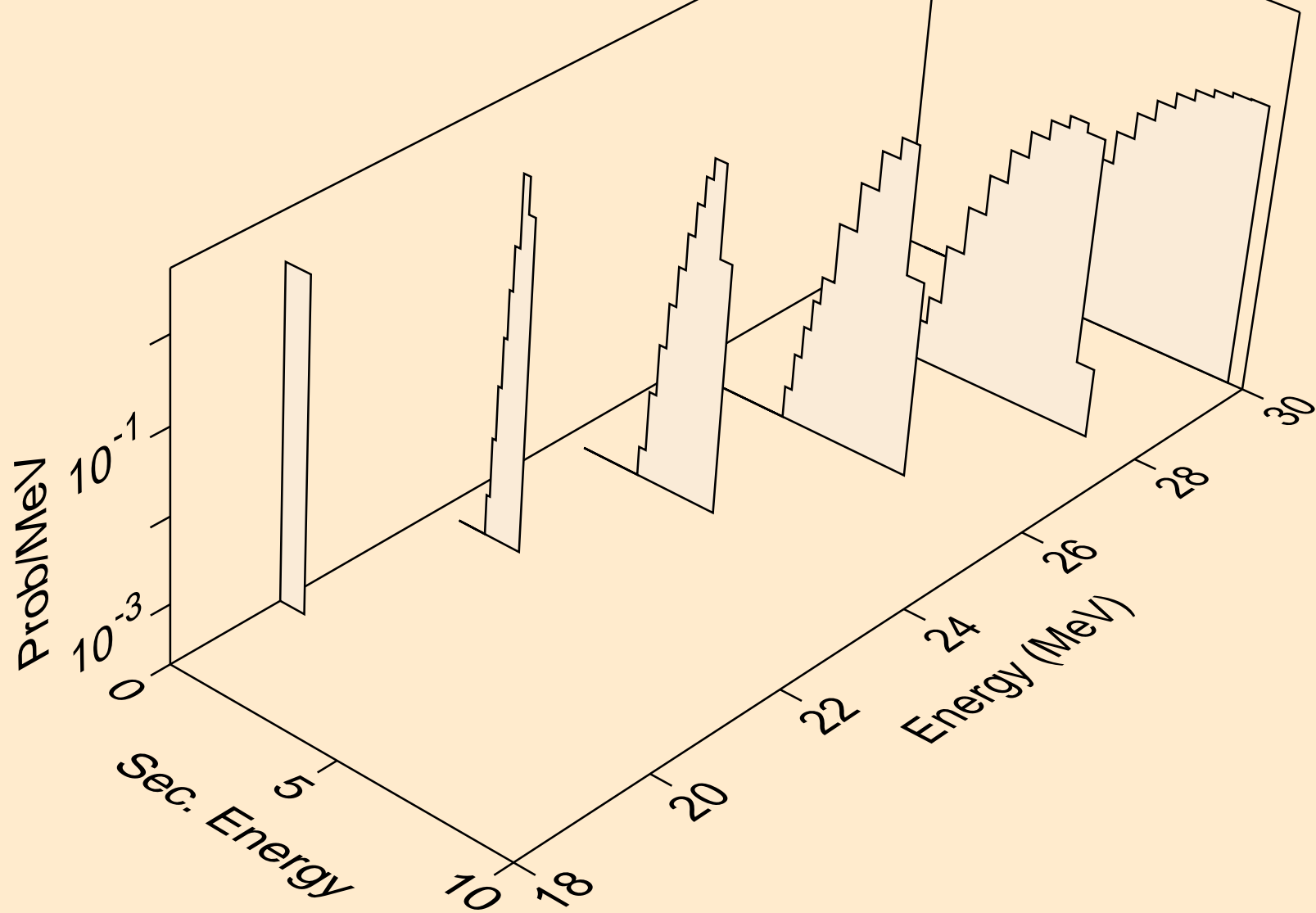
SN123 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2p)



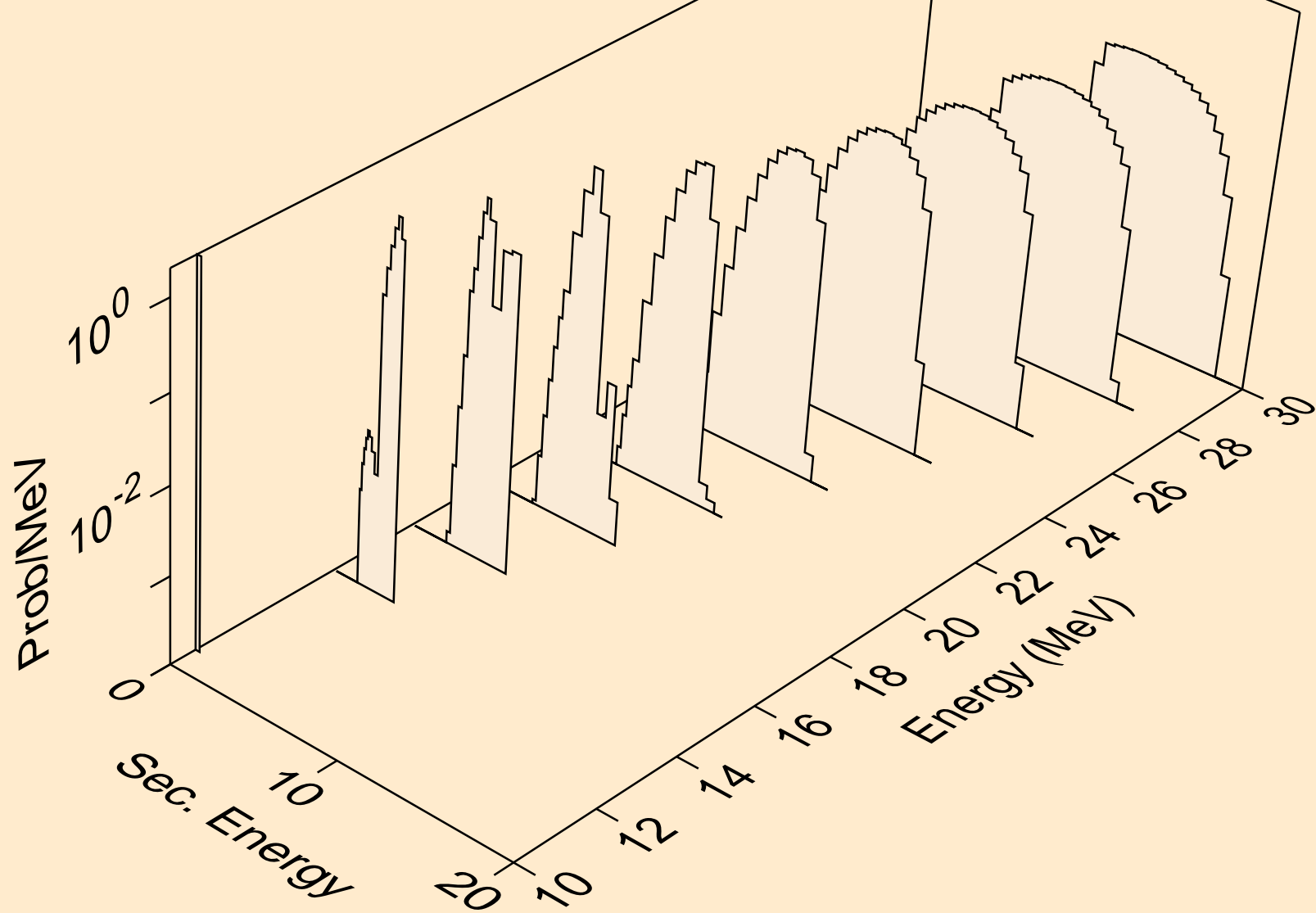
SN123 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)



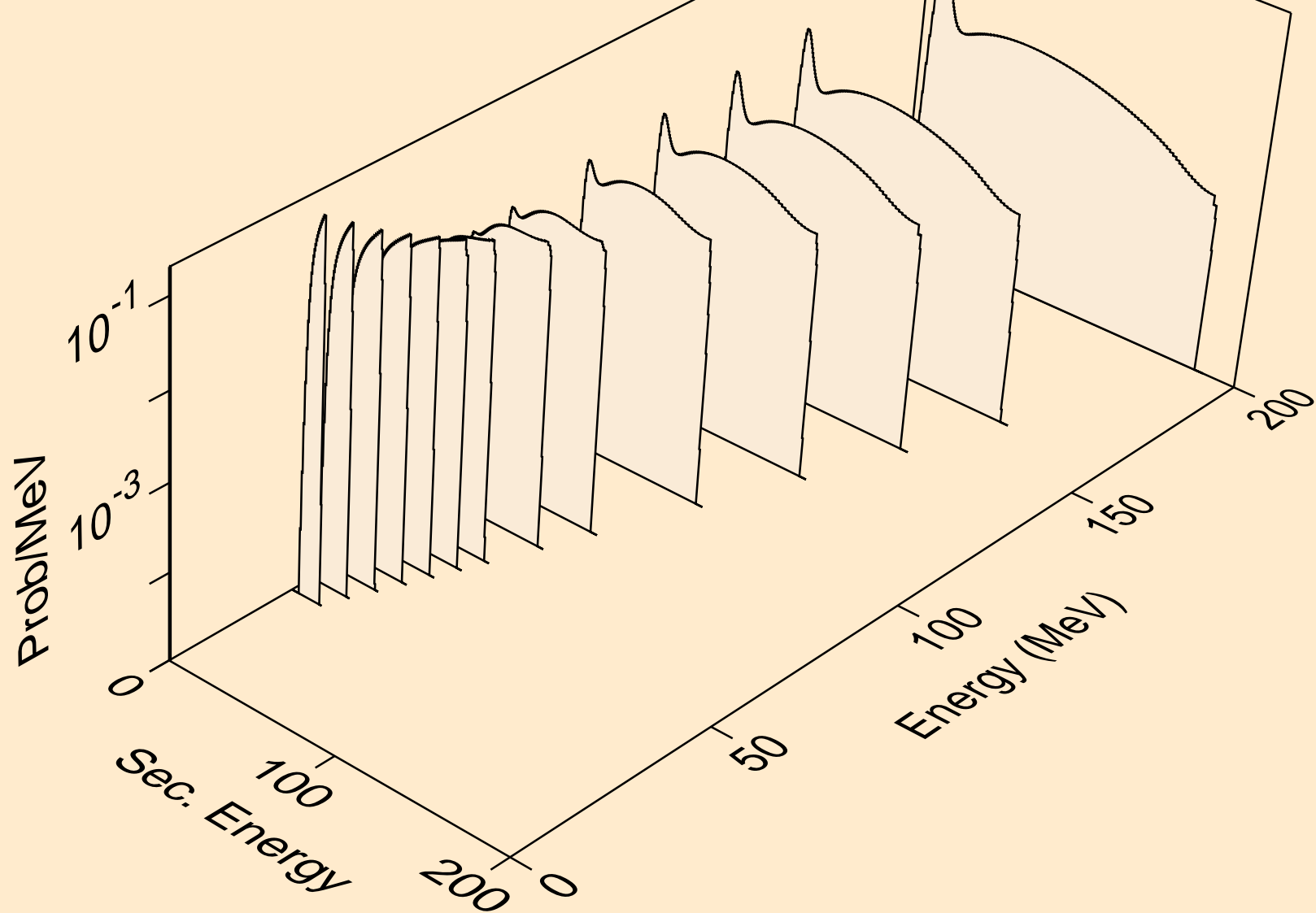
SN123 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,n\*)d



SN123 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,d)

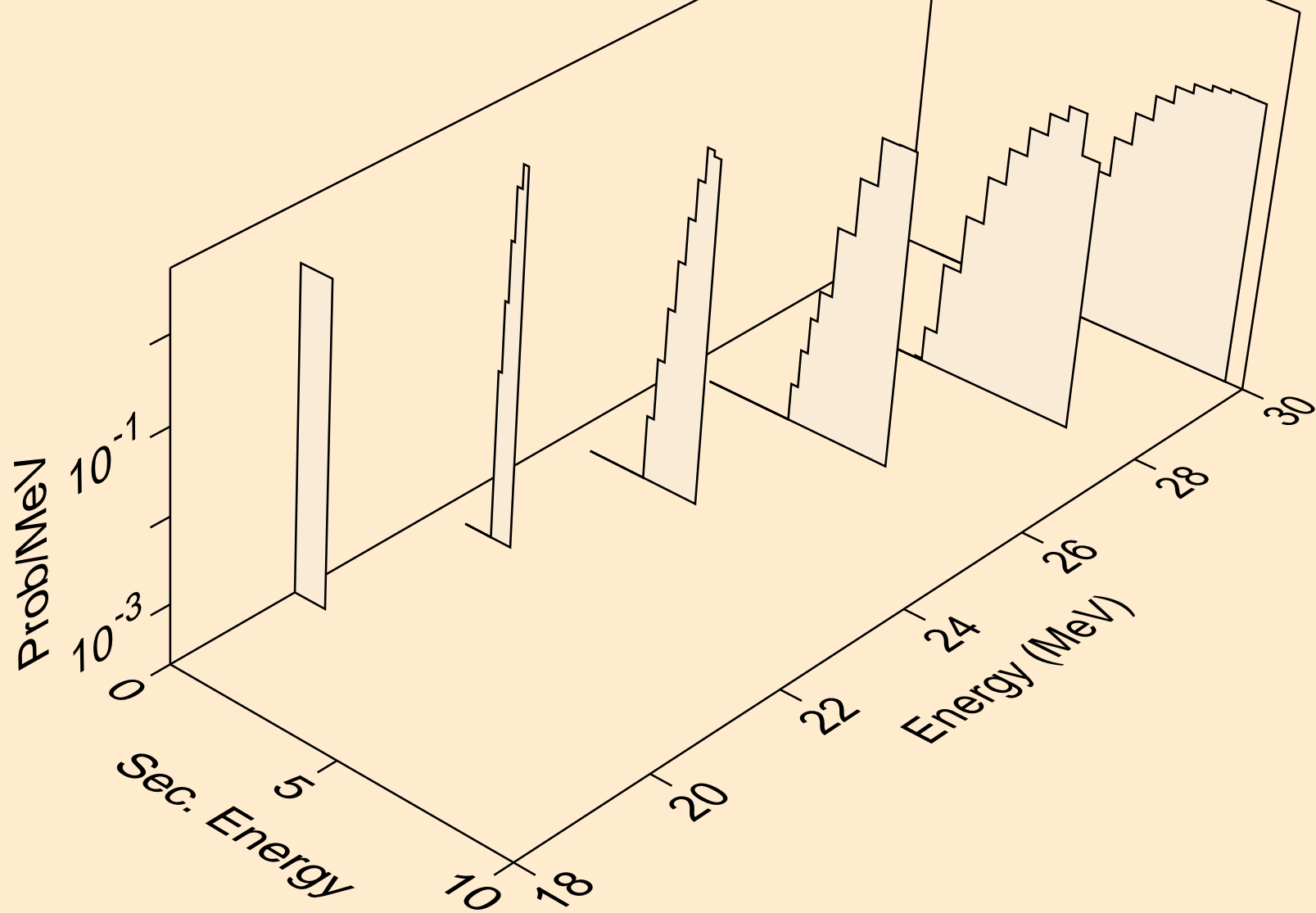


SN123 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)

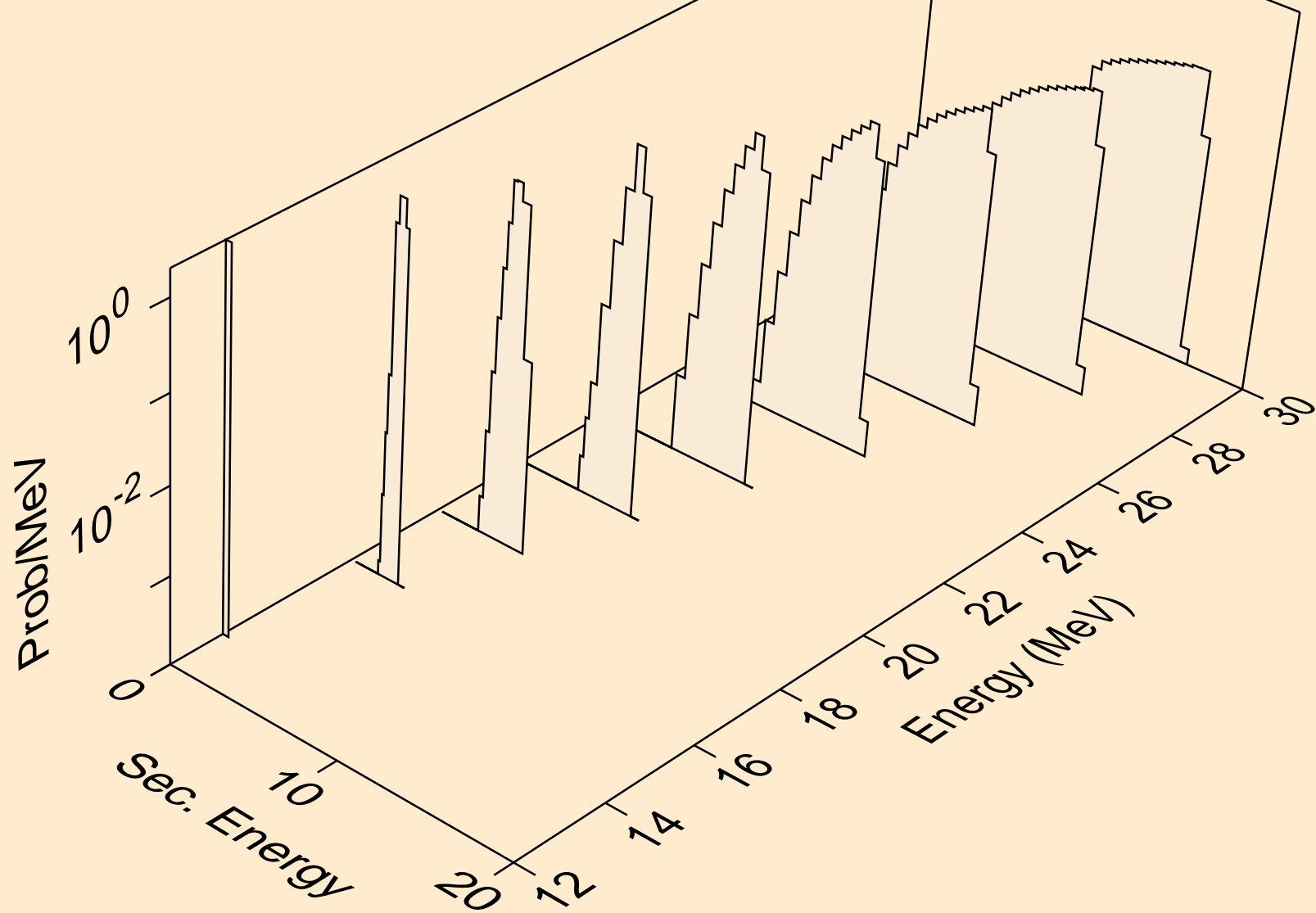




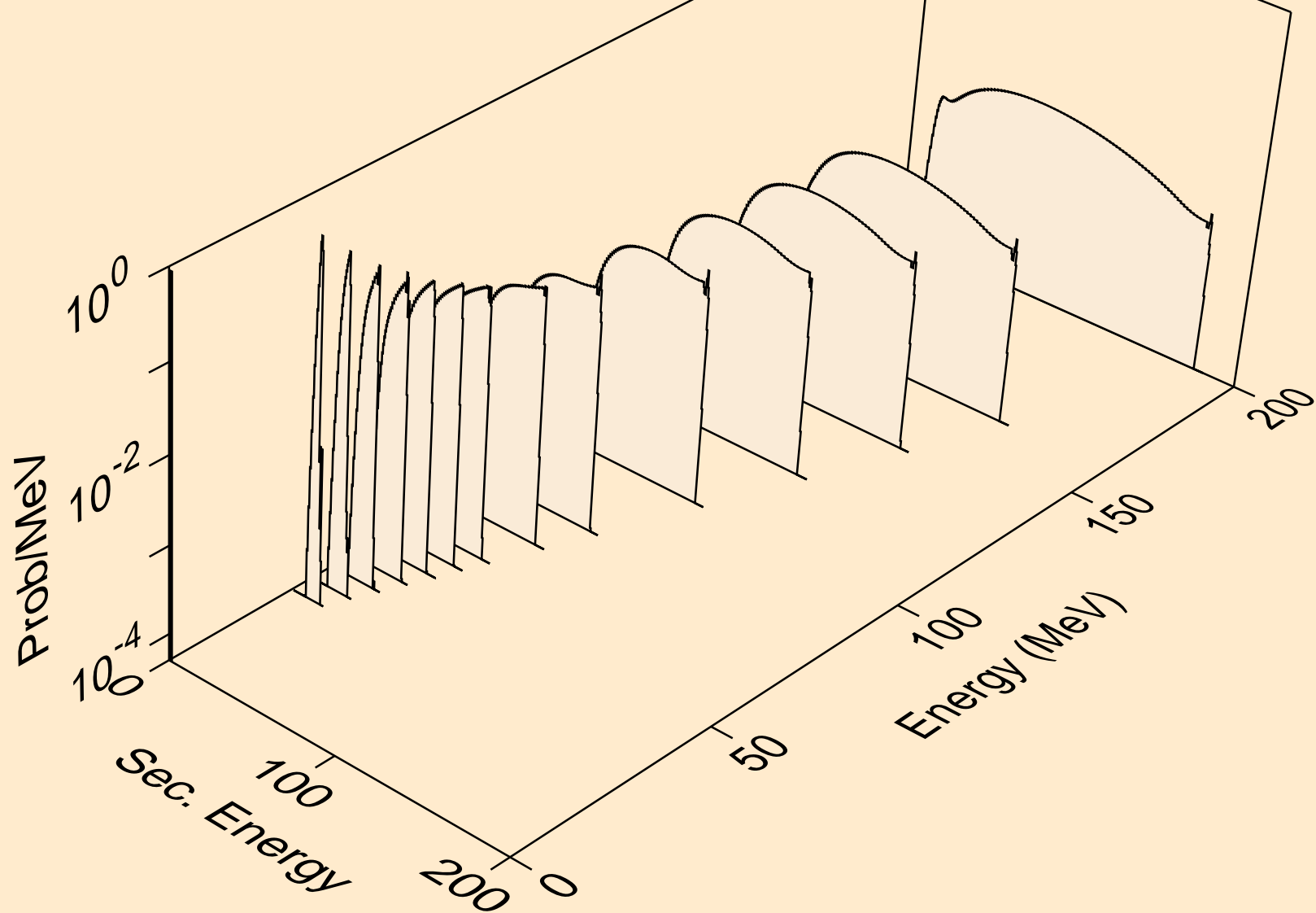
SN123 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,n\*)t



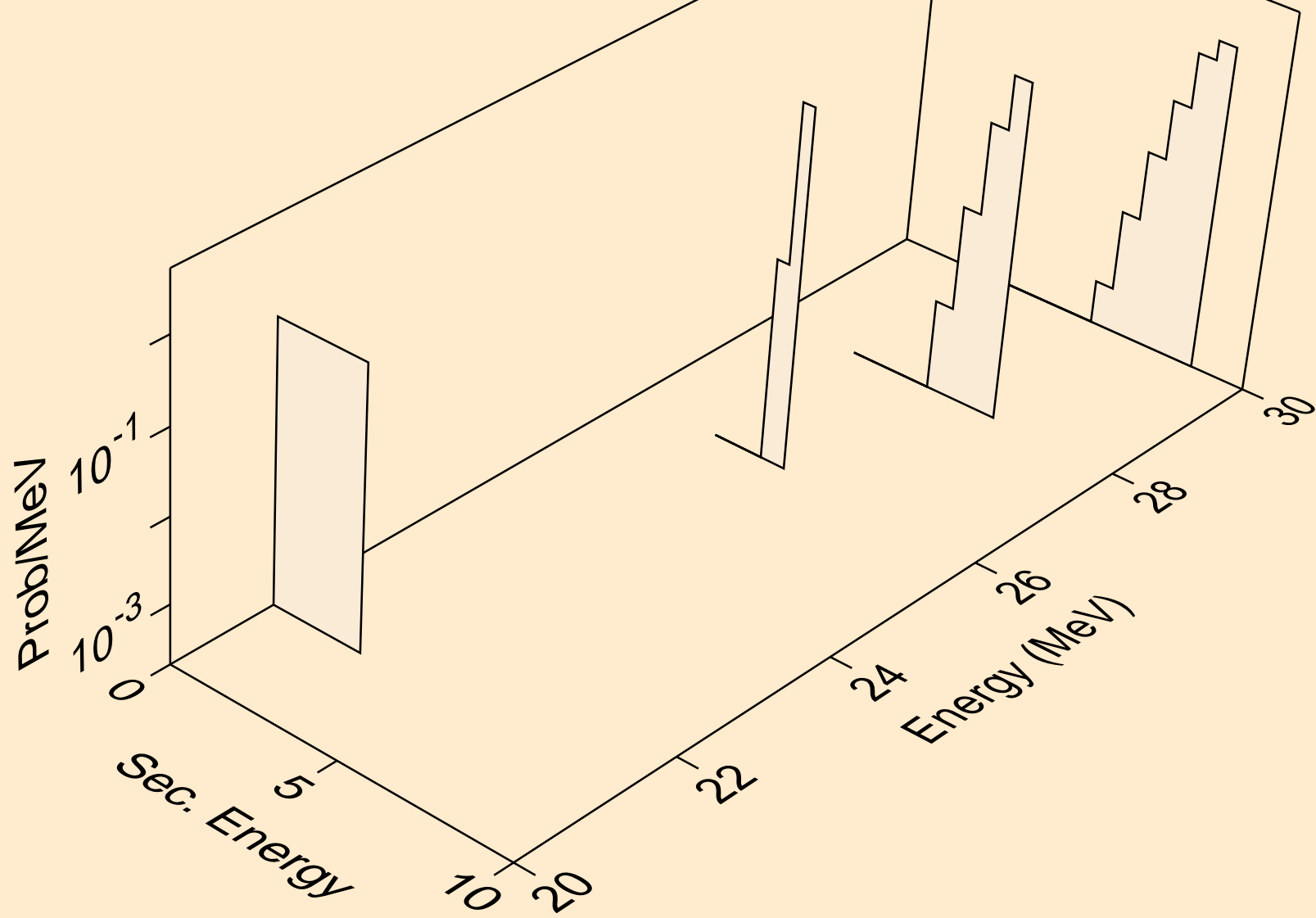
SN123 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)



SN123 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



SN123 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,n\*)he3



SN123 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

