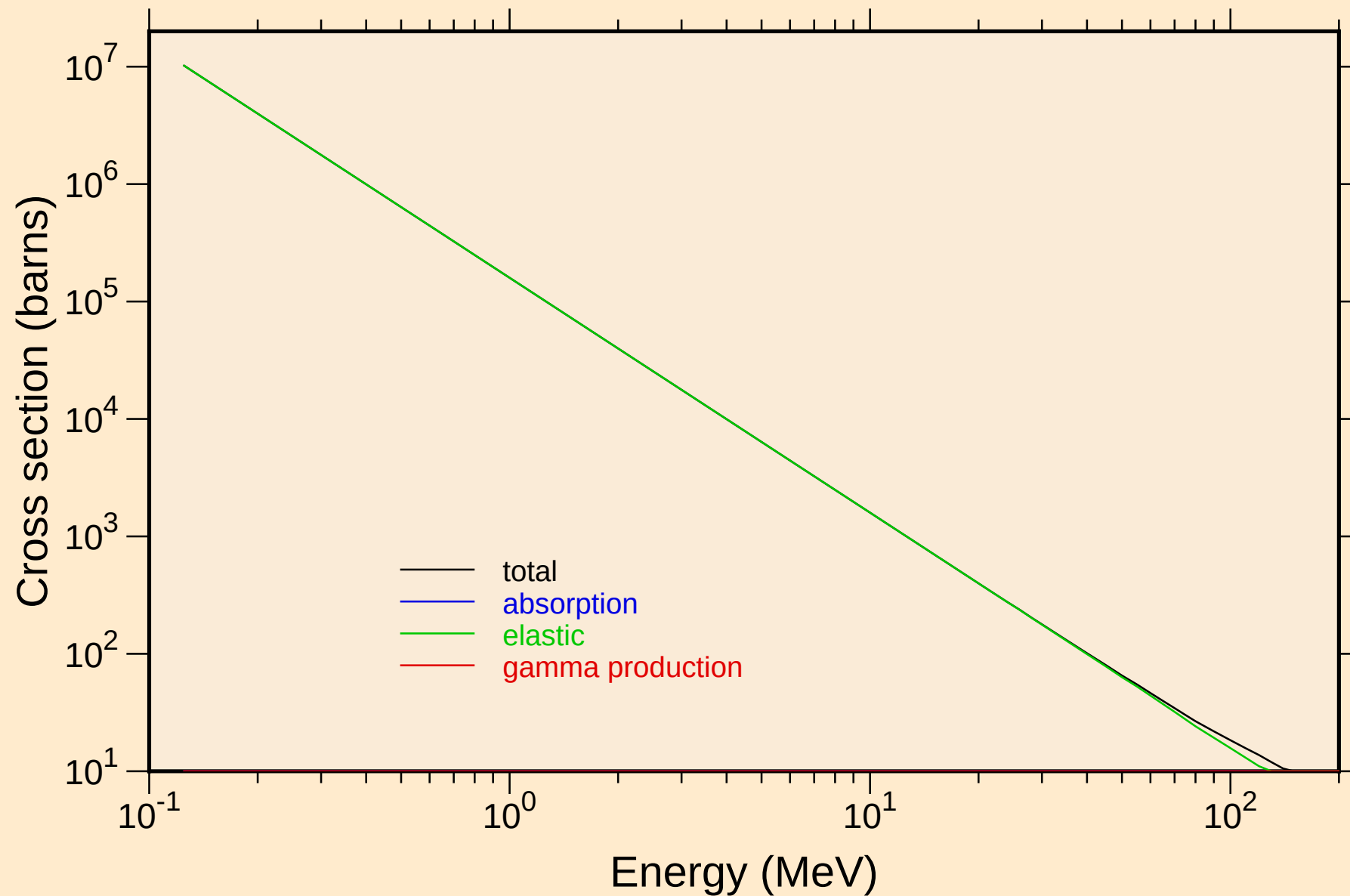


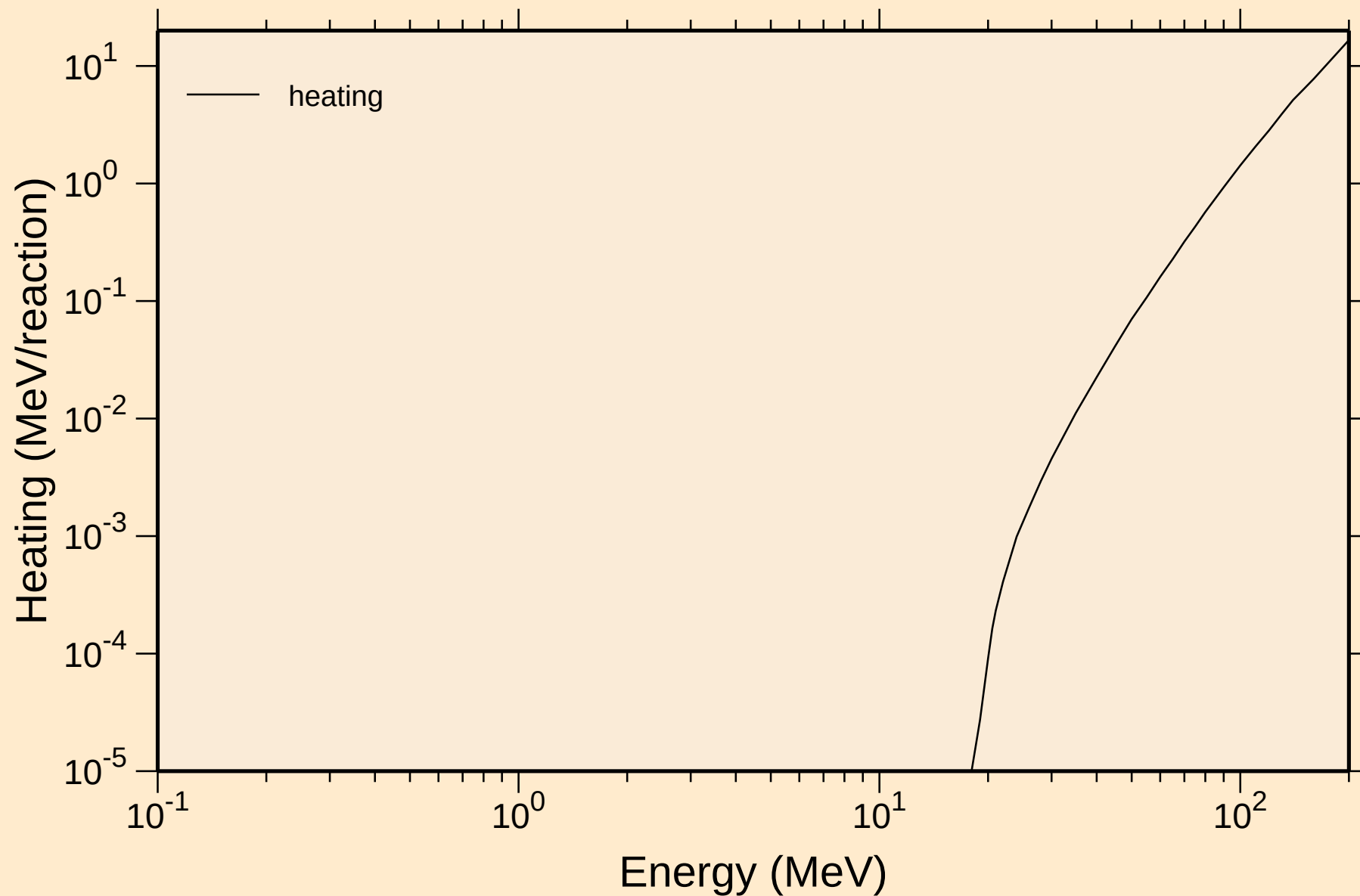
# AU199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



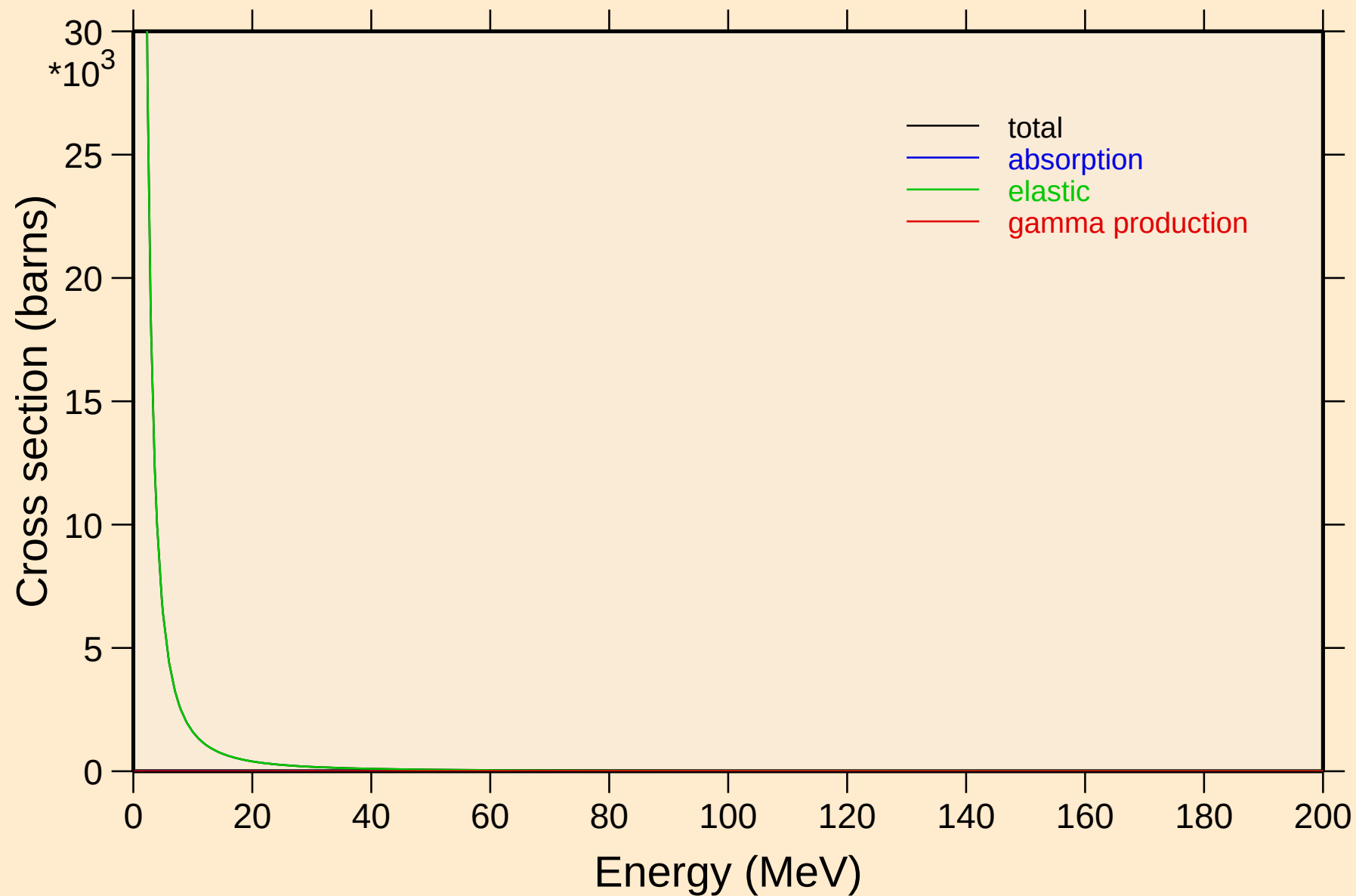
AU199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Heating



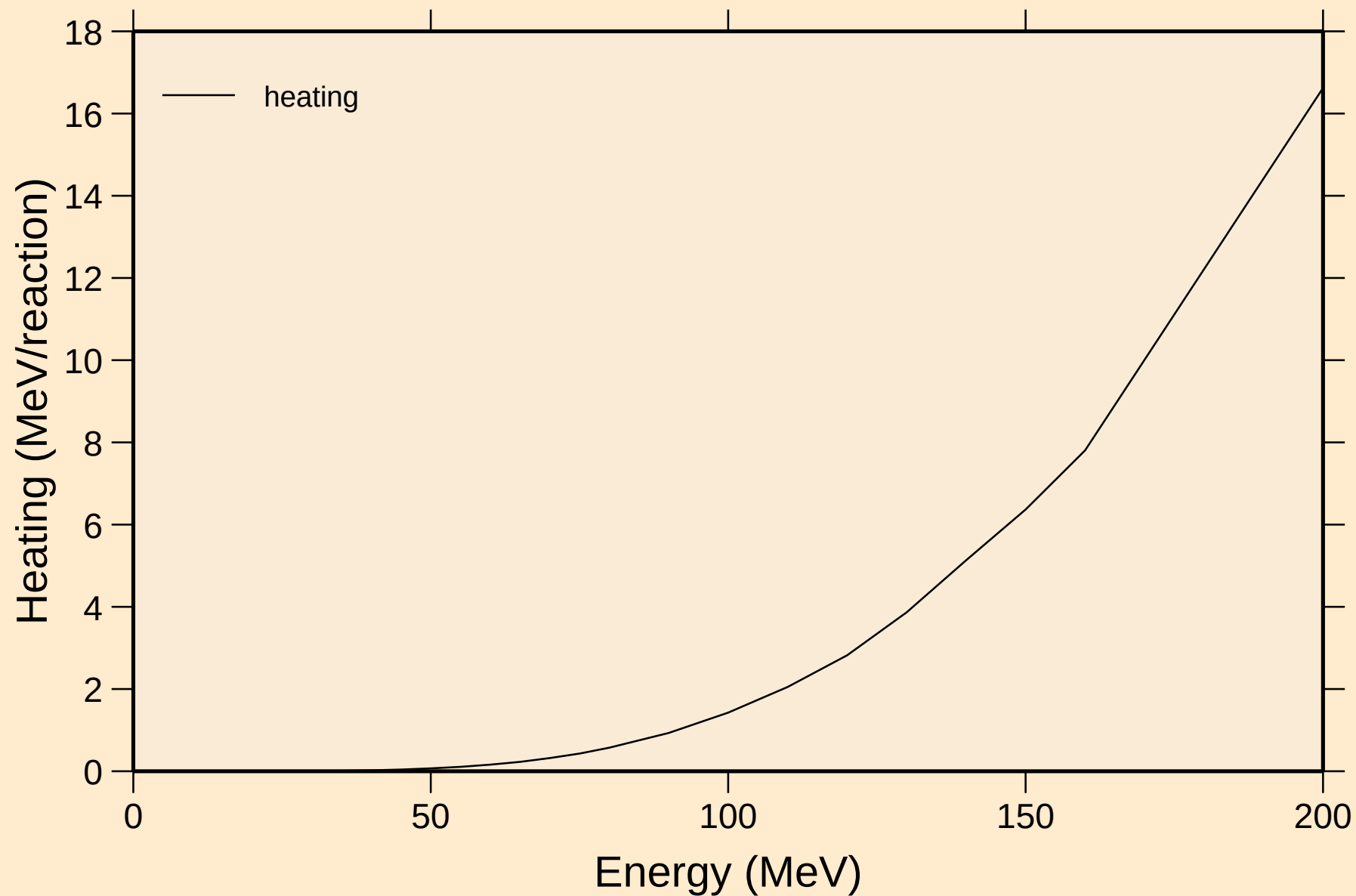
# AU199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections



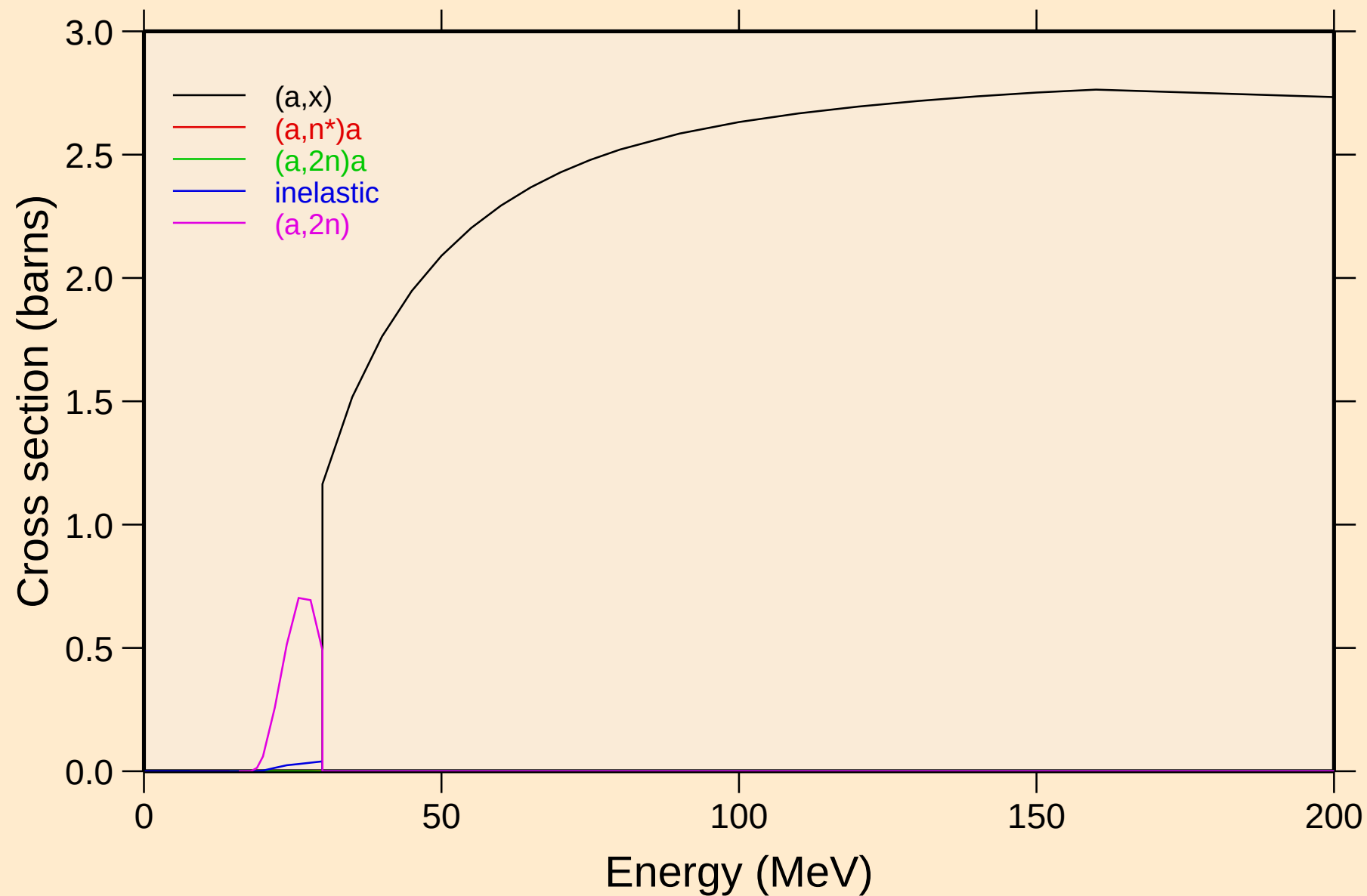
AU199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Heating

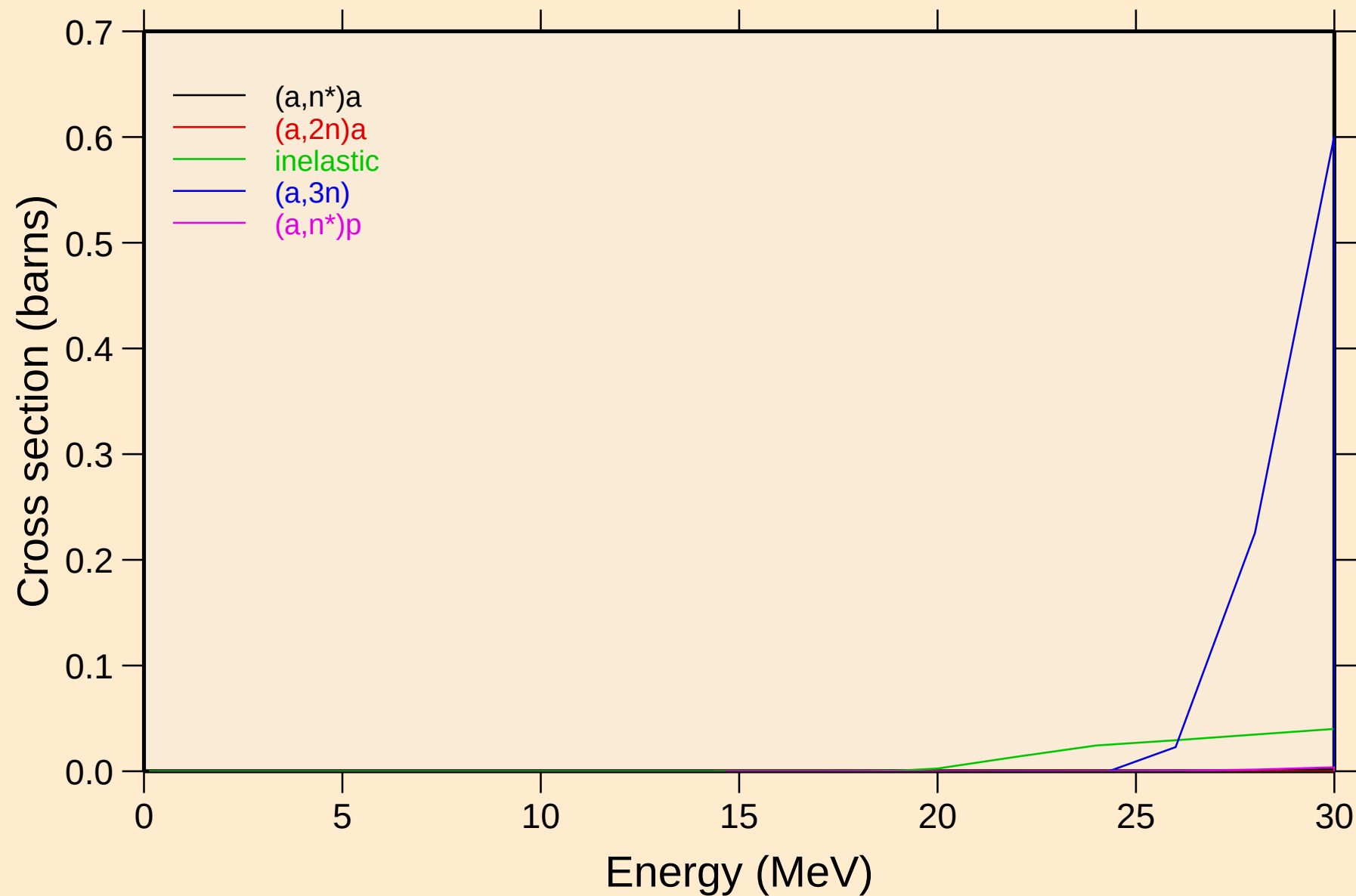


# AU199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions

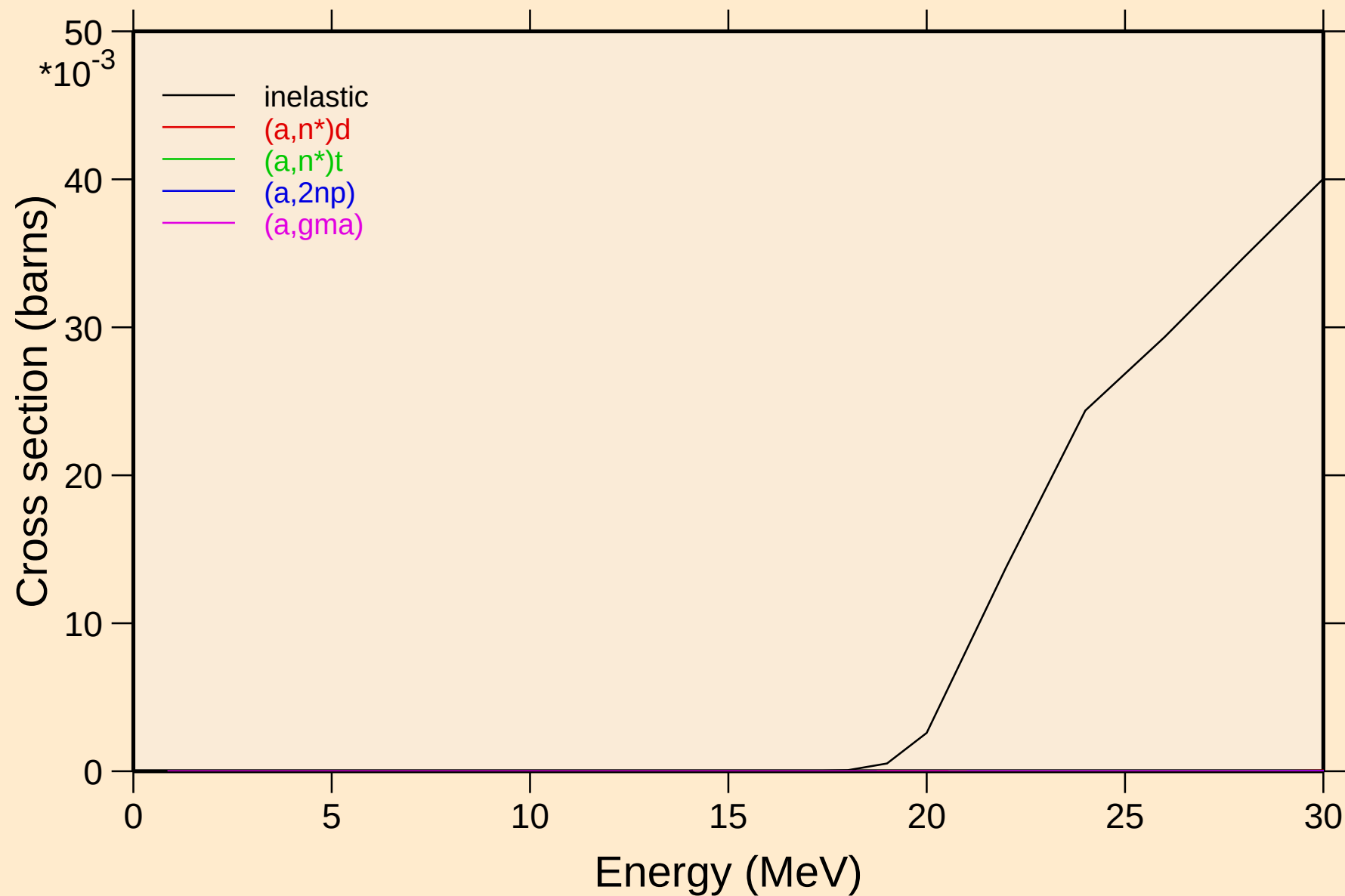


AU199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



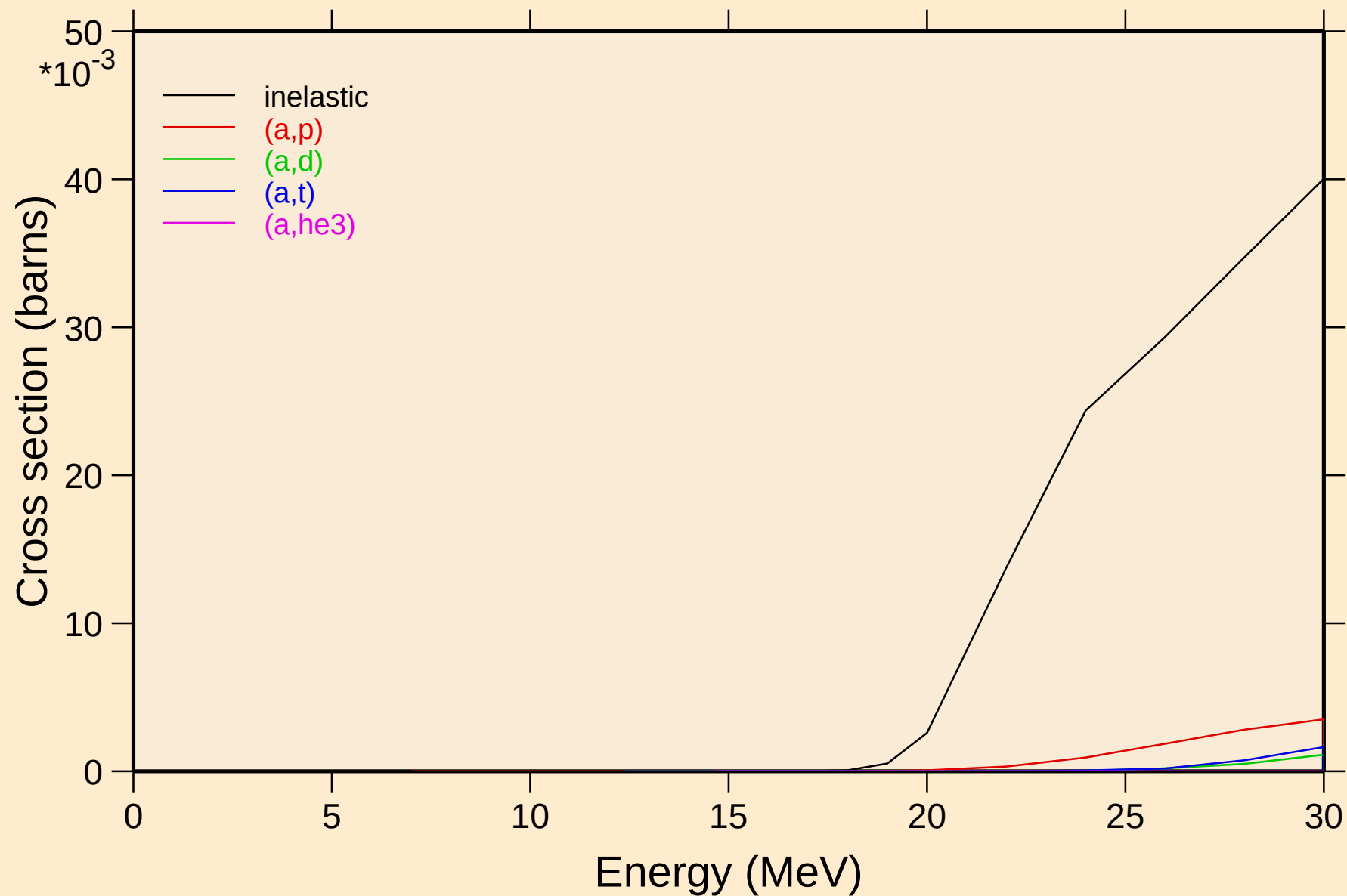
# AU199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Threshold reactions



# AU199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

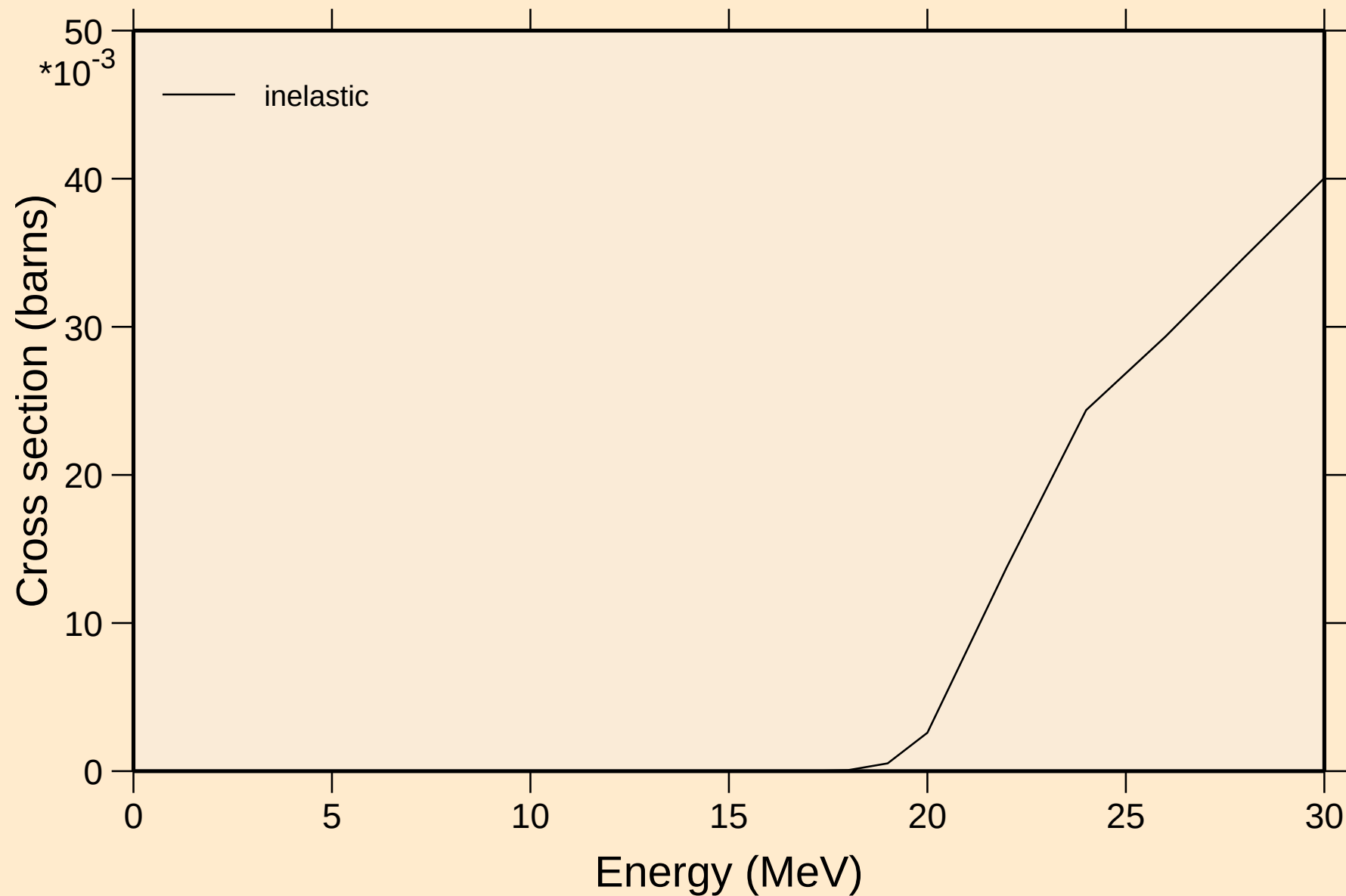
## Threshold reactions



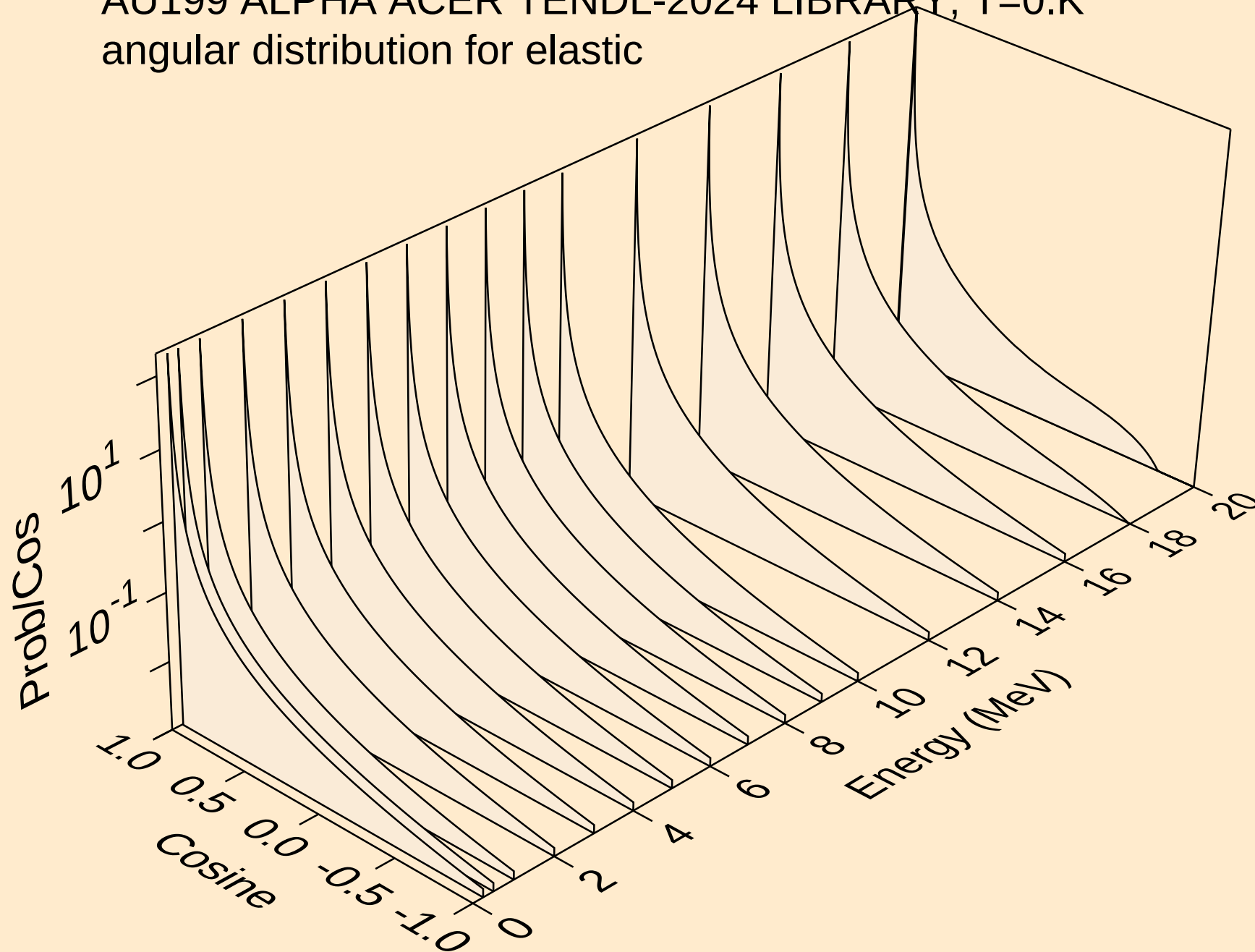


# AU199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

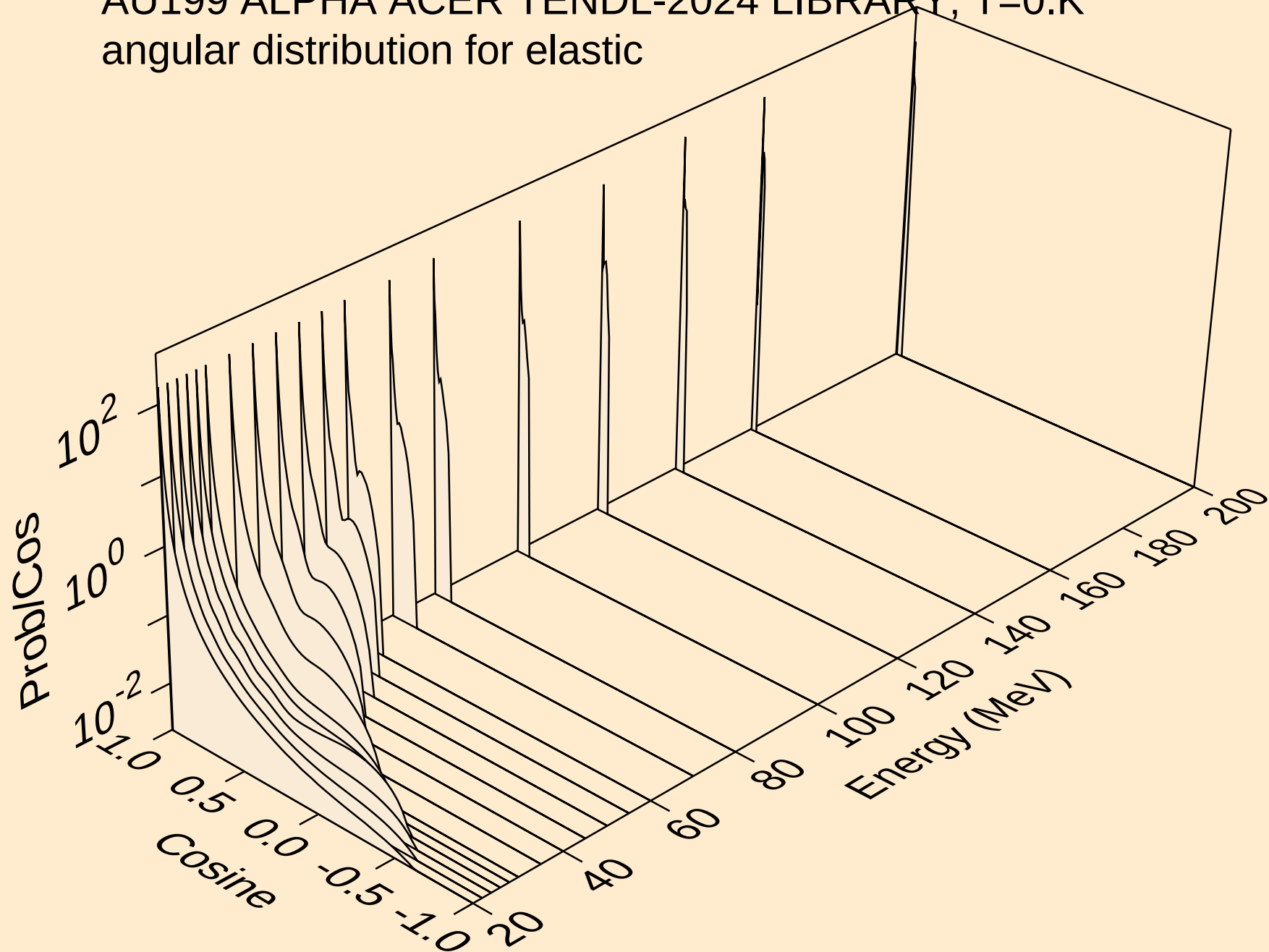
## Threshold reactions



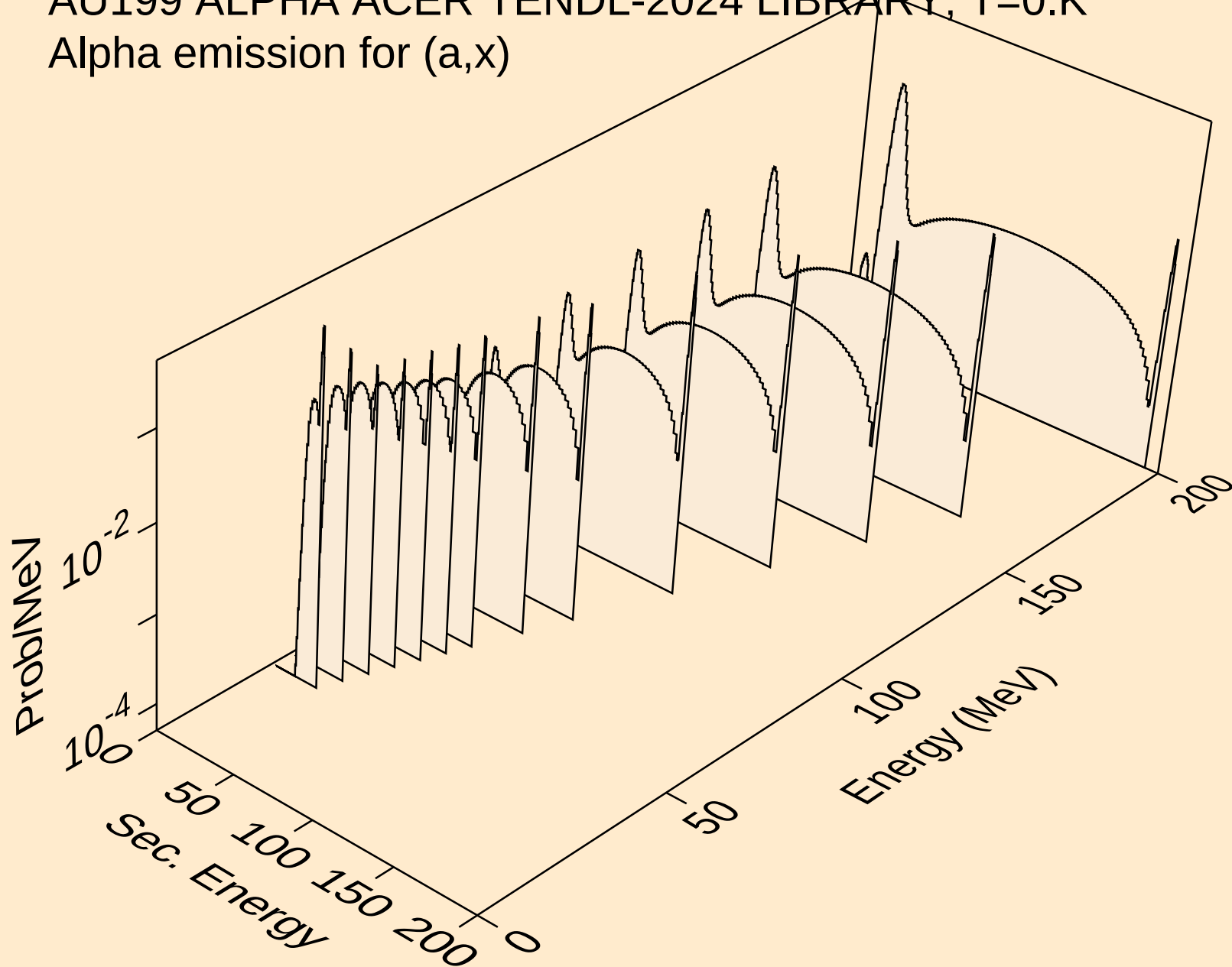
AU199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



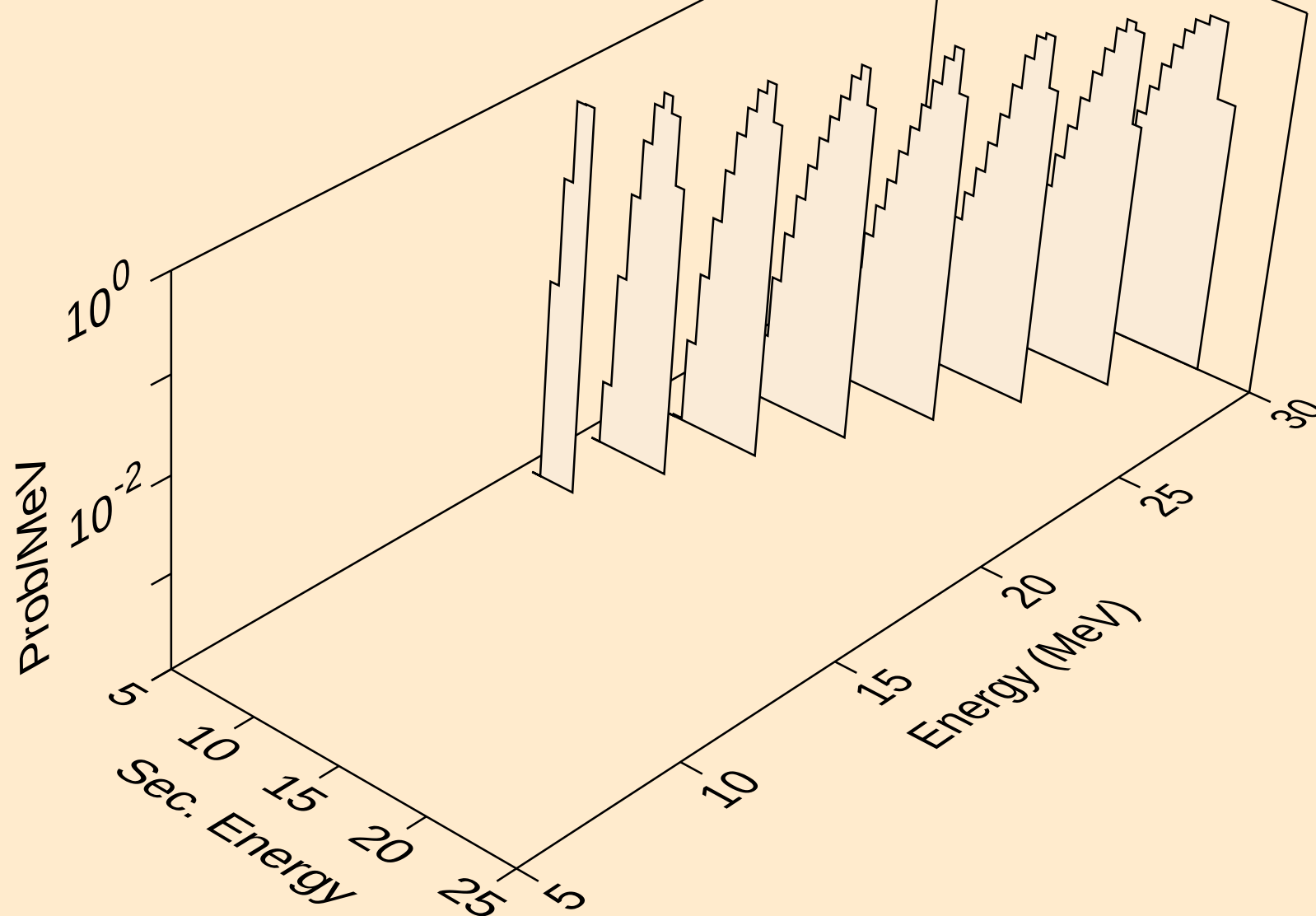
AU199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



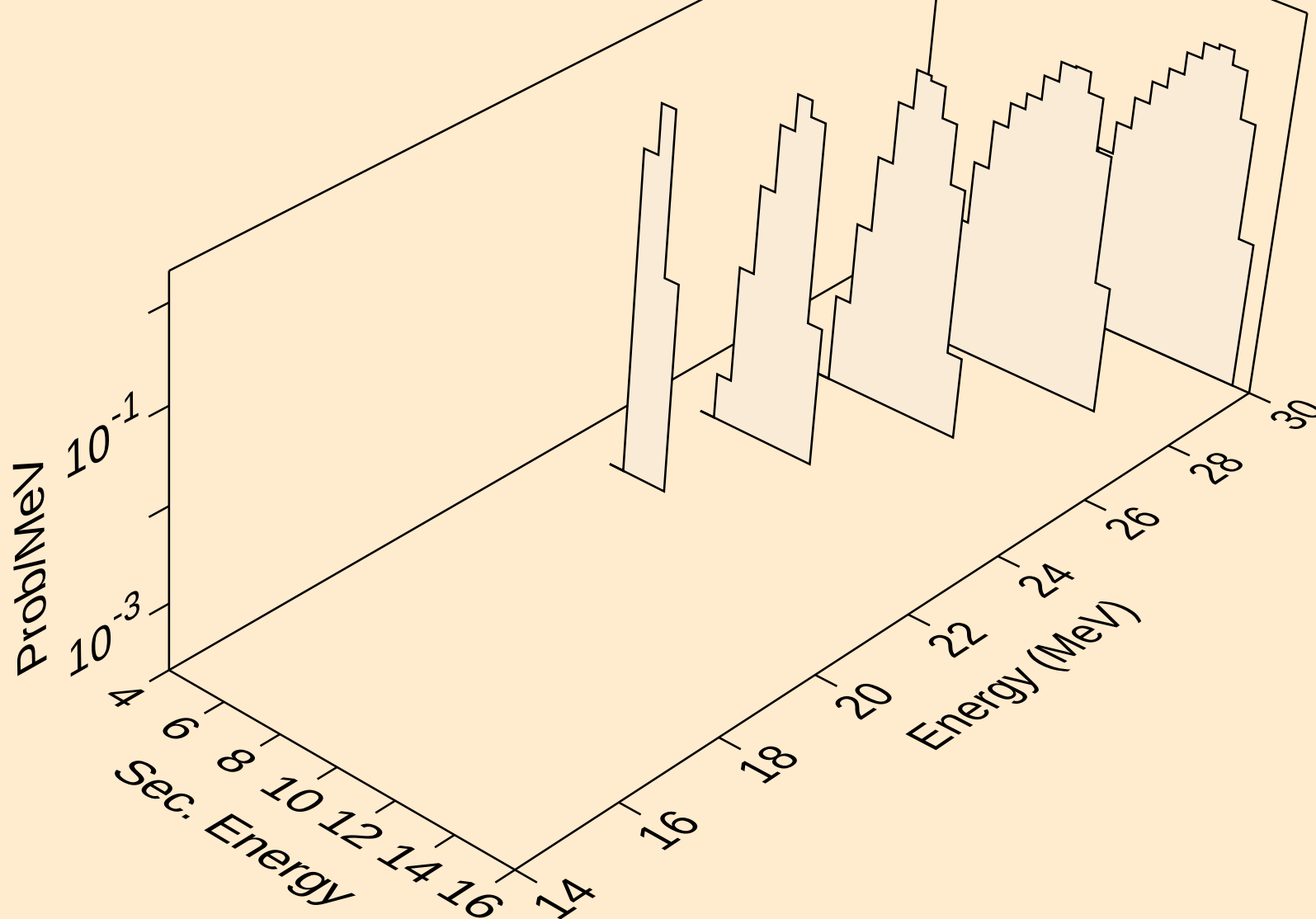
AU199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,x)



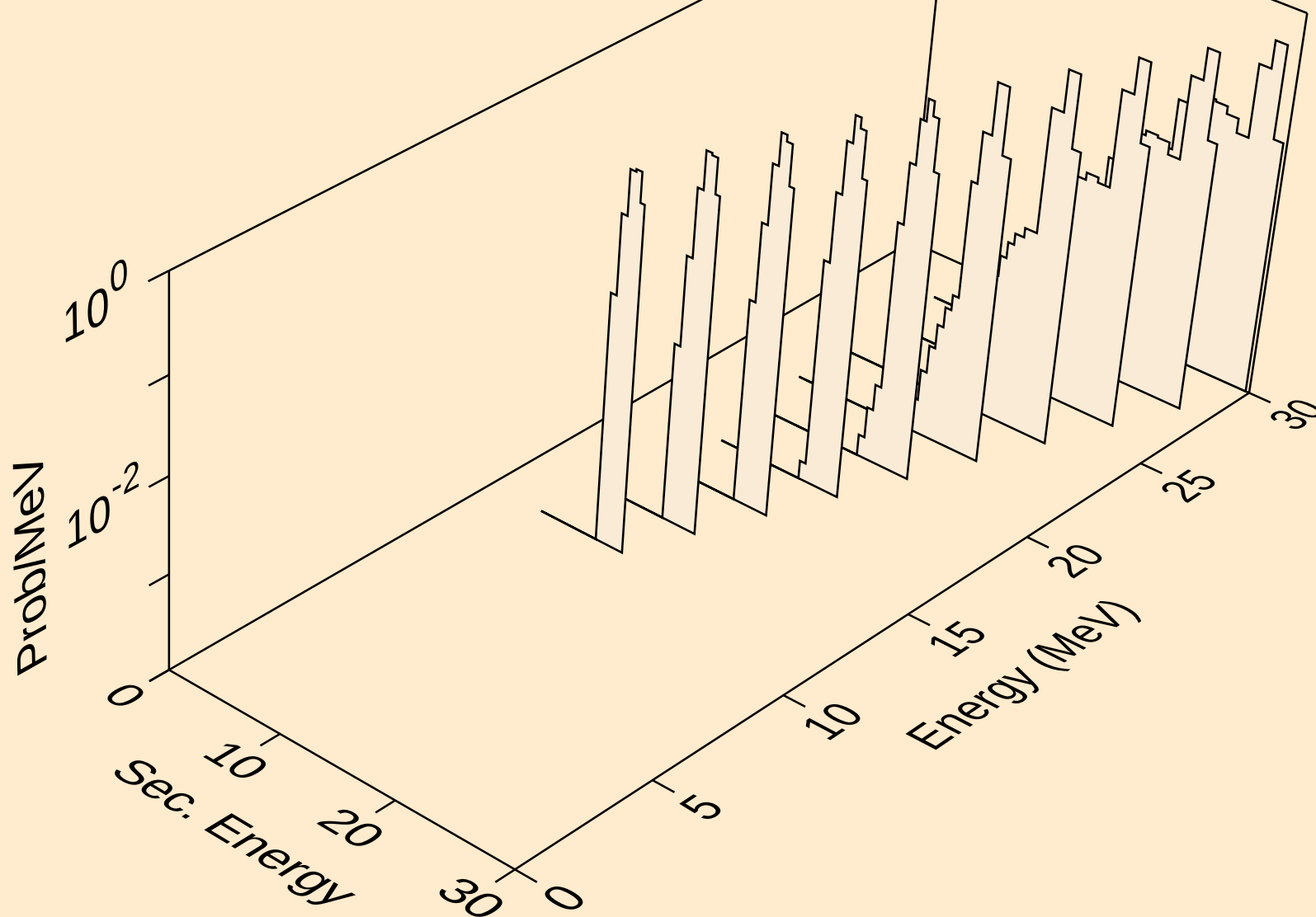
AU199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



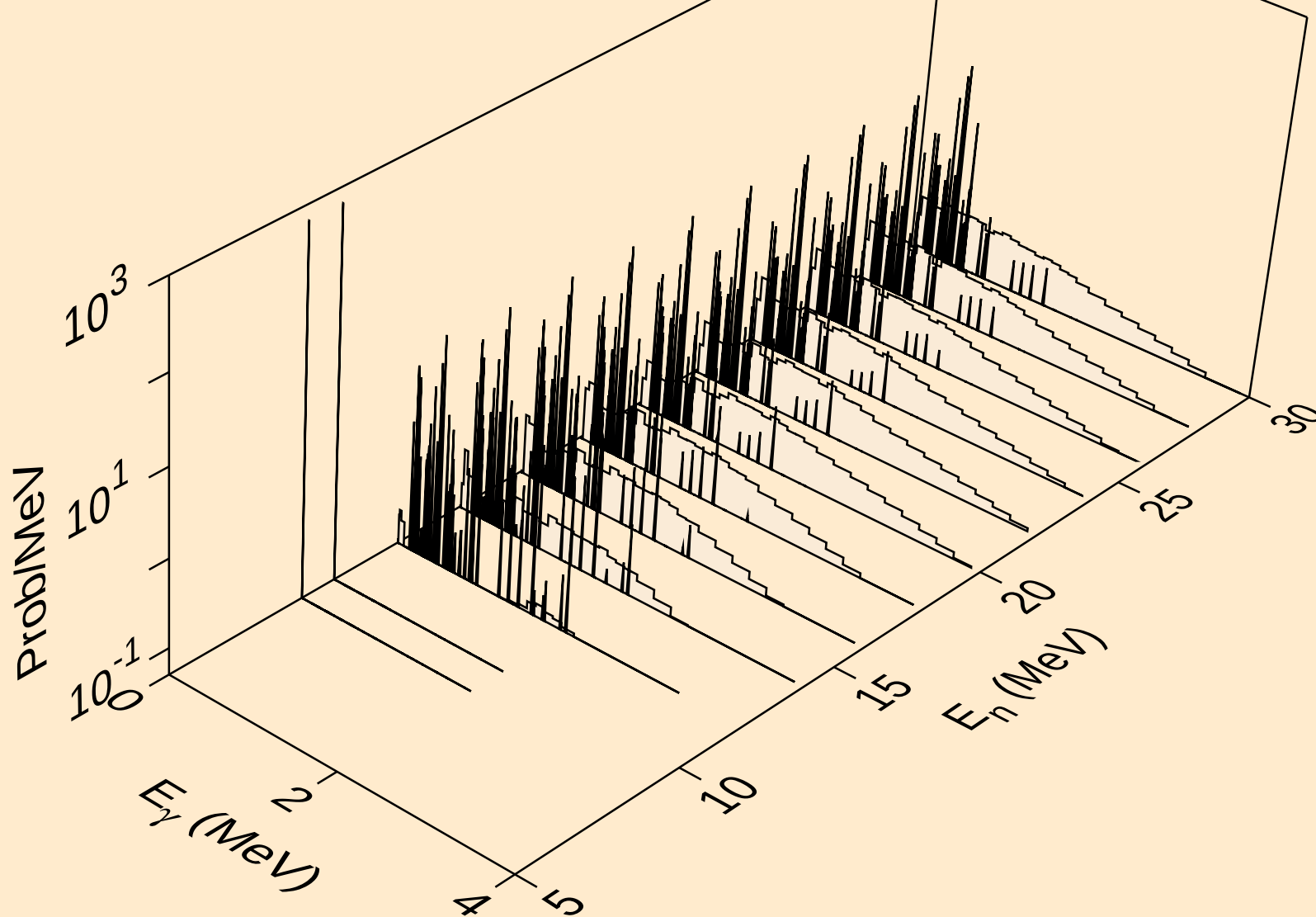
AU199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



AU199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for inelastic

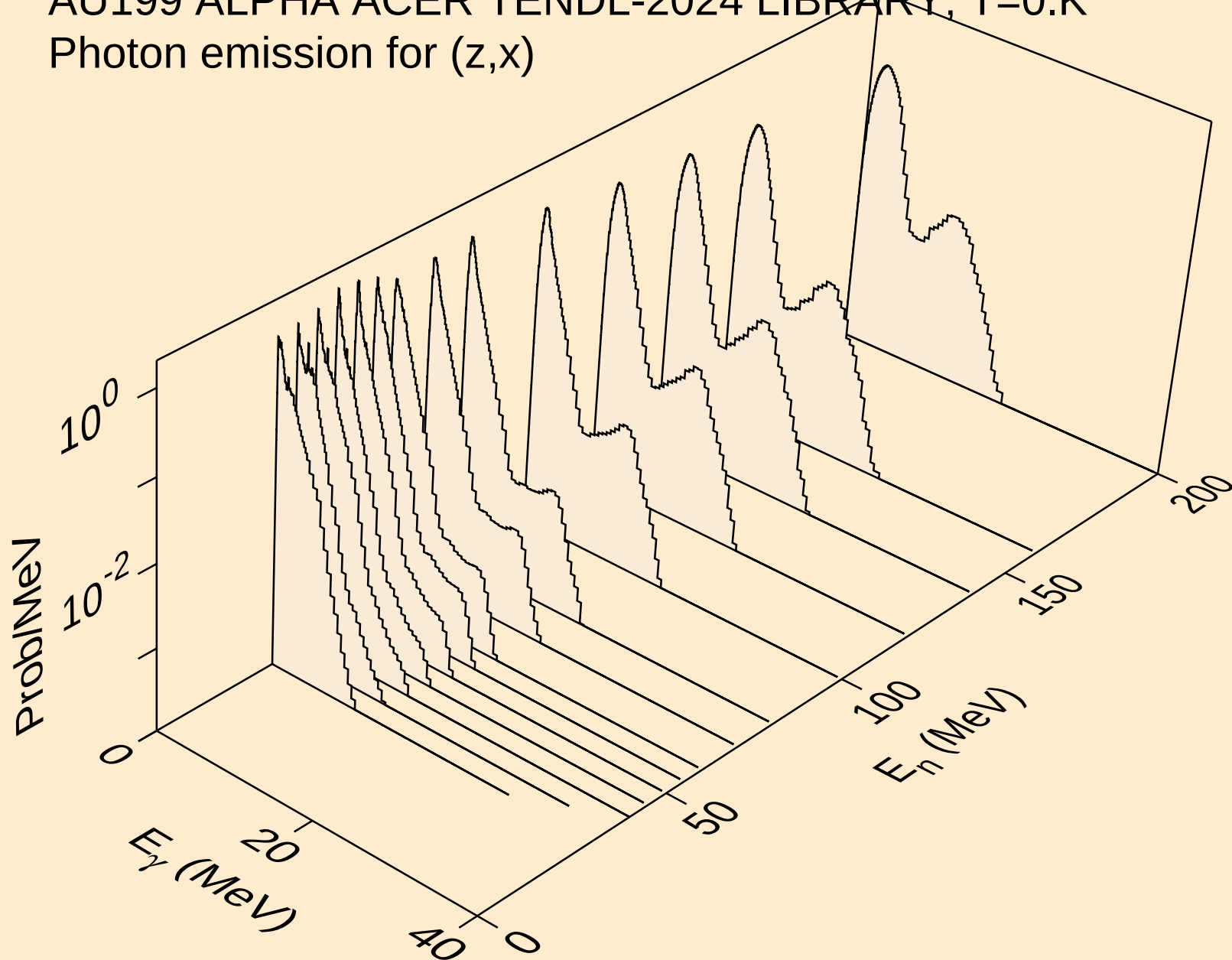


AU199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,n)

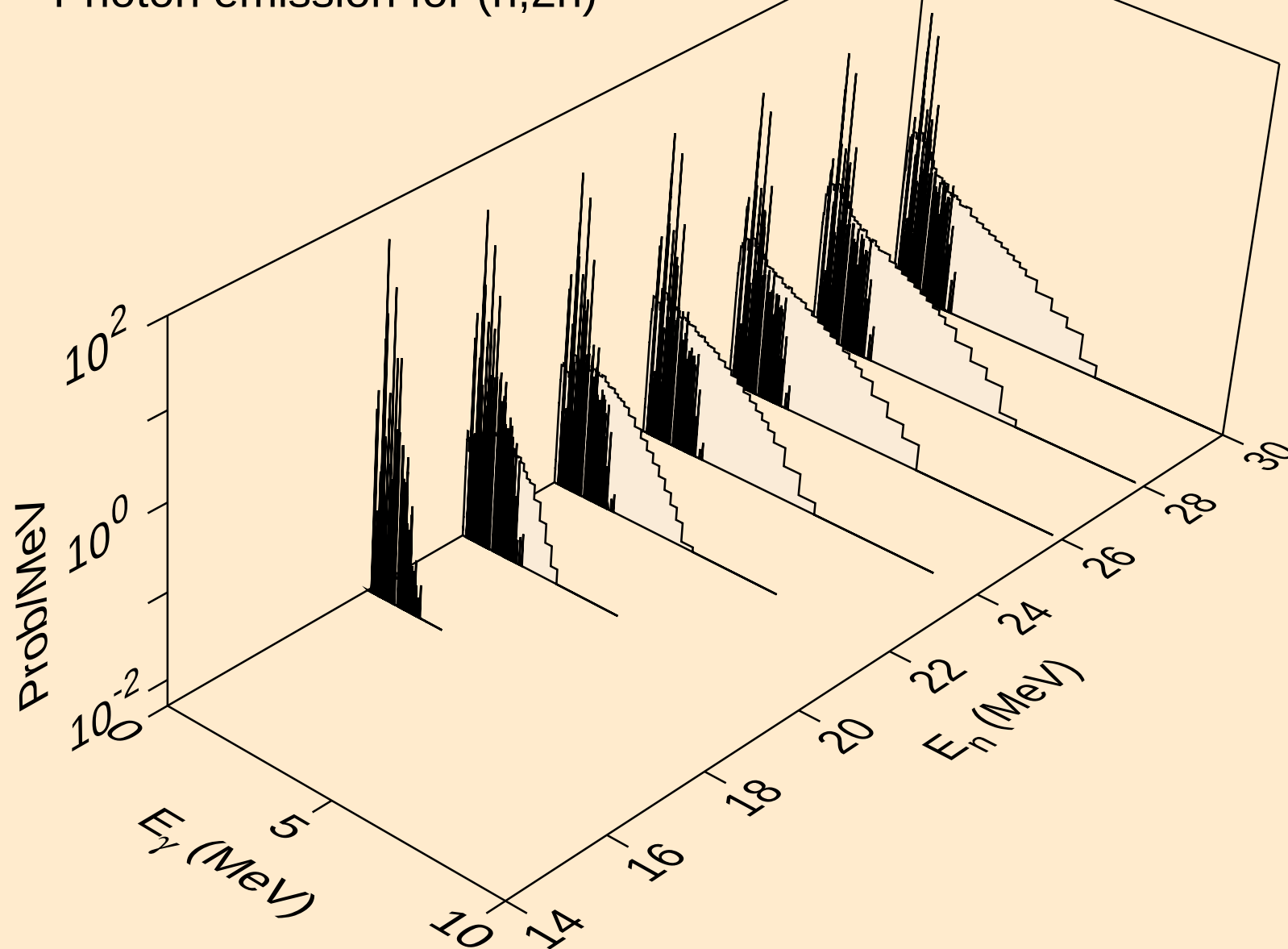




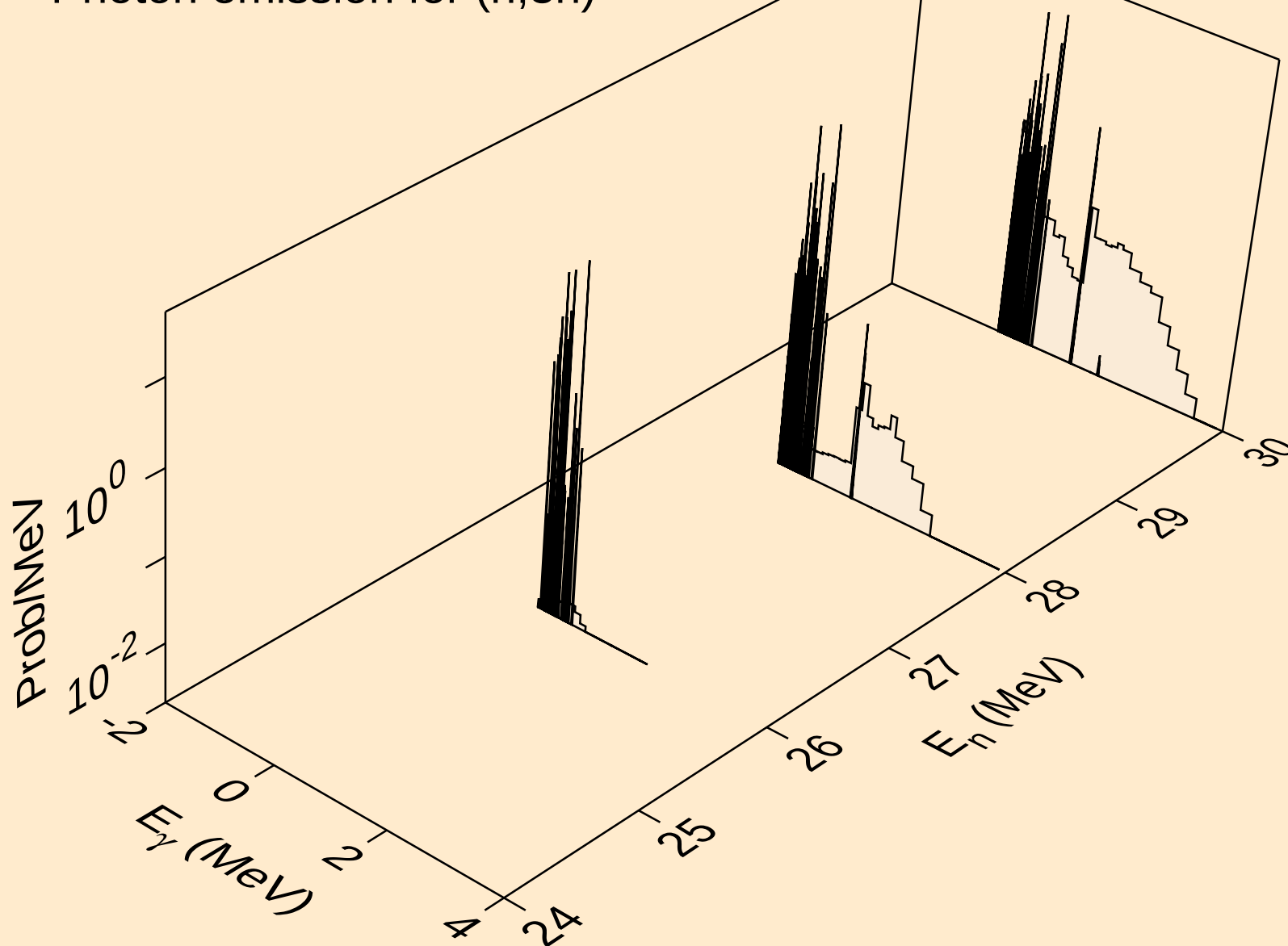
AU199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,x)



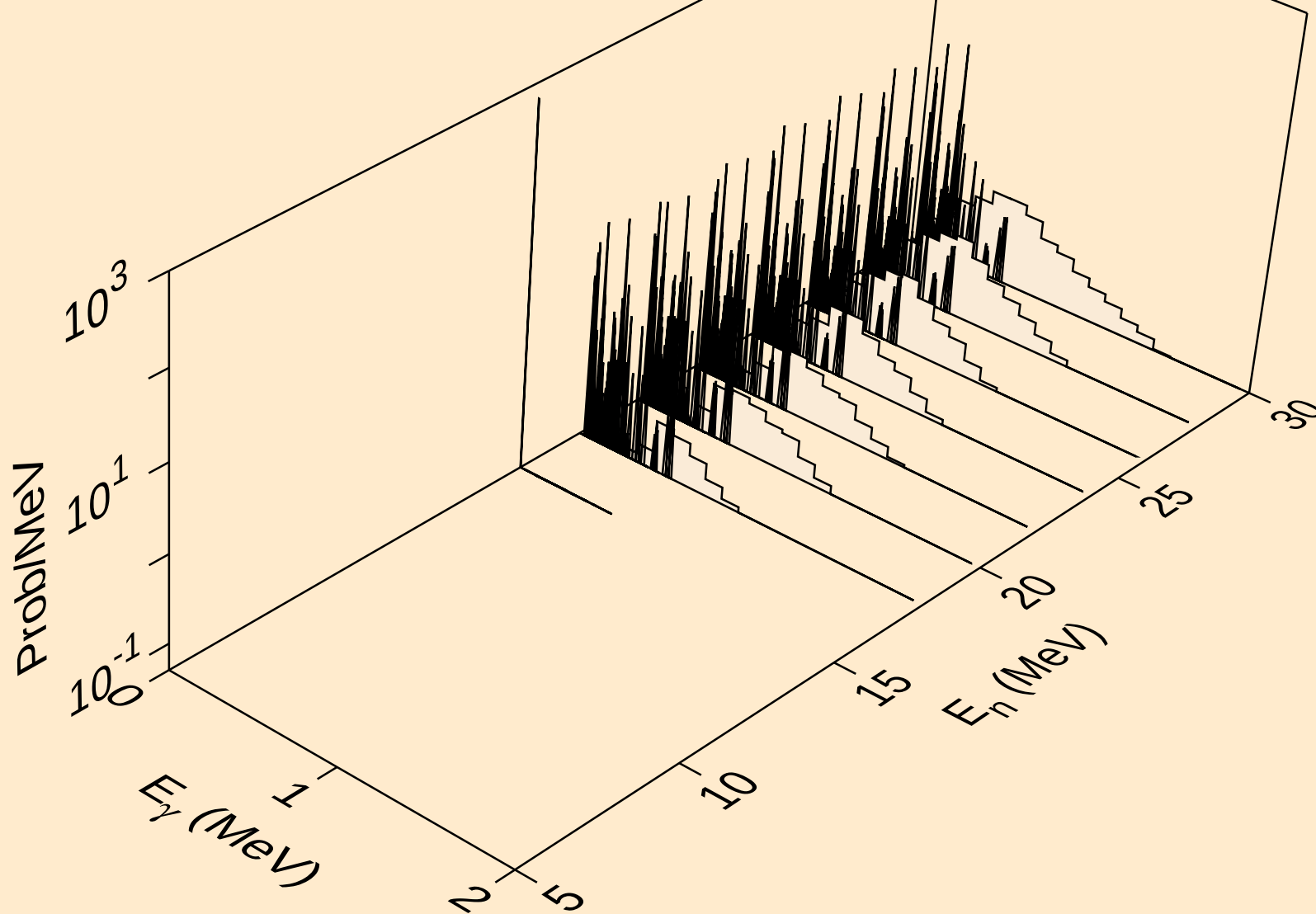
AU199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



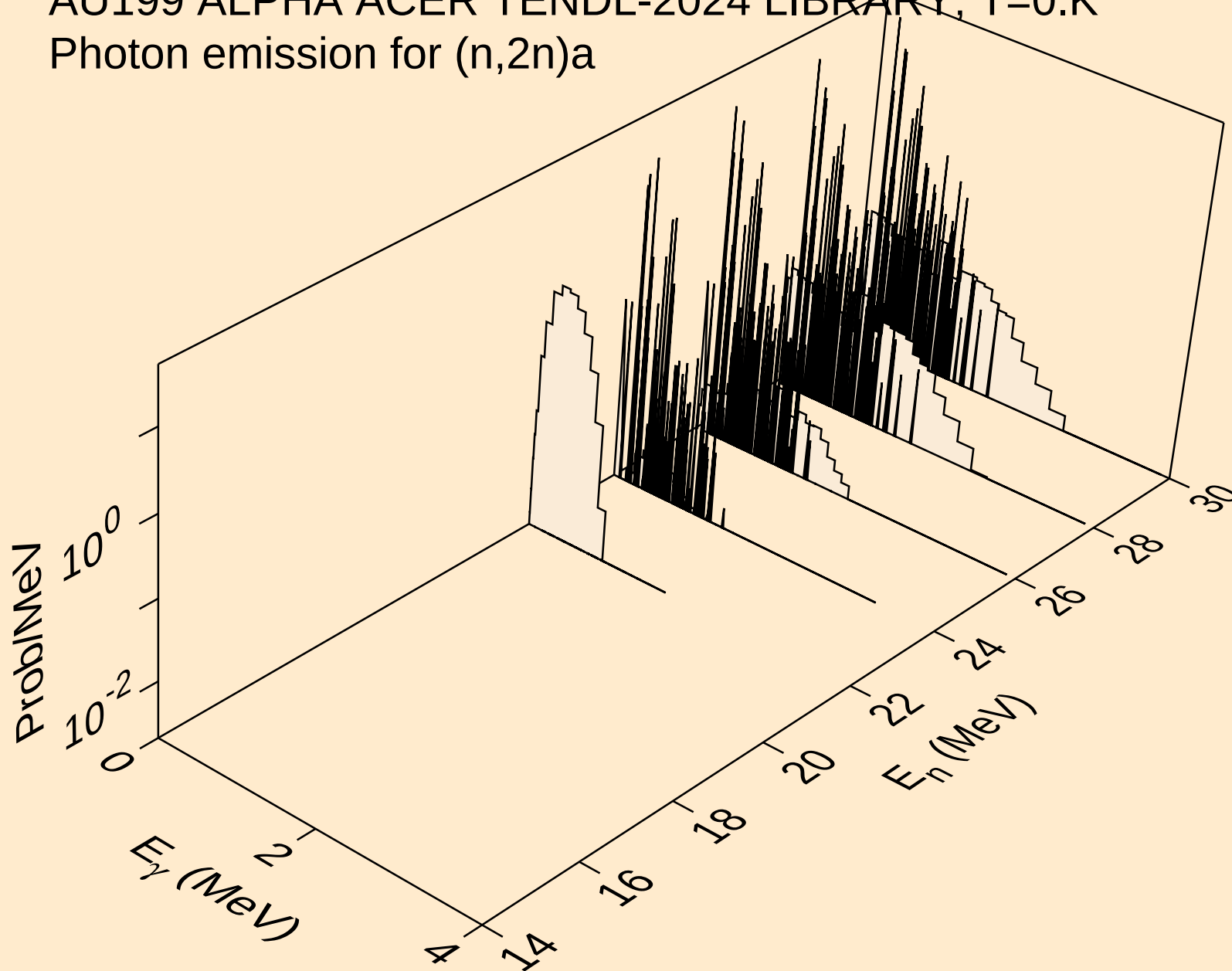
AU199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



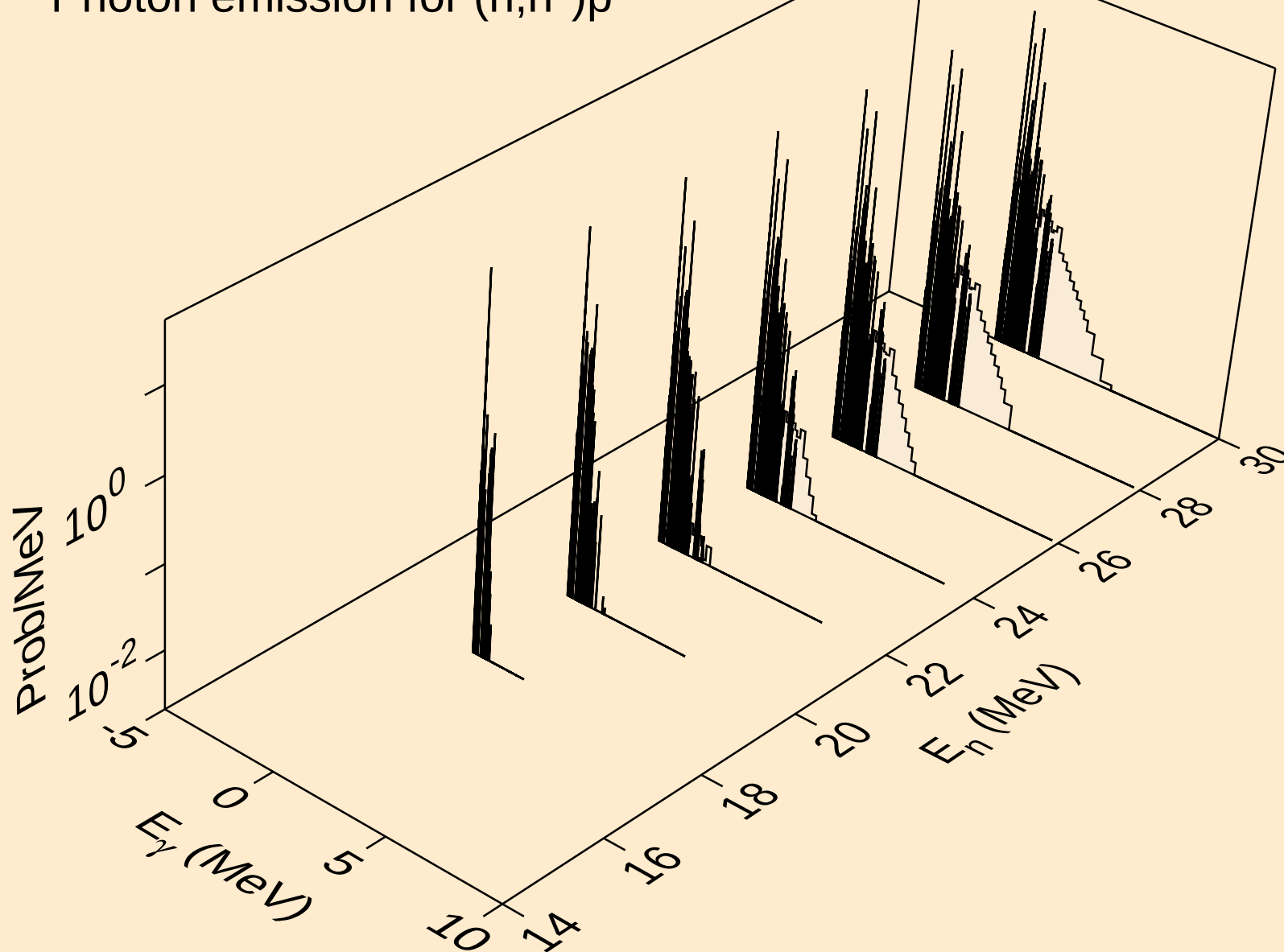
AU199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



AU199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a

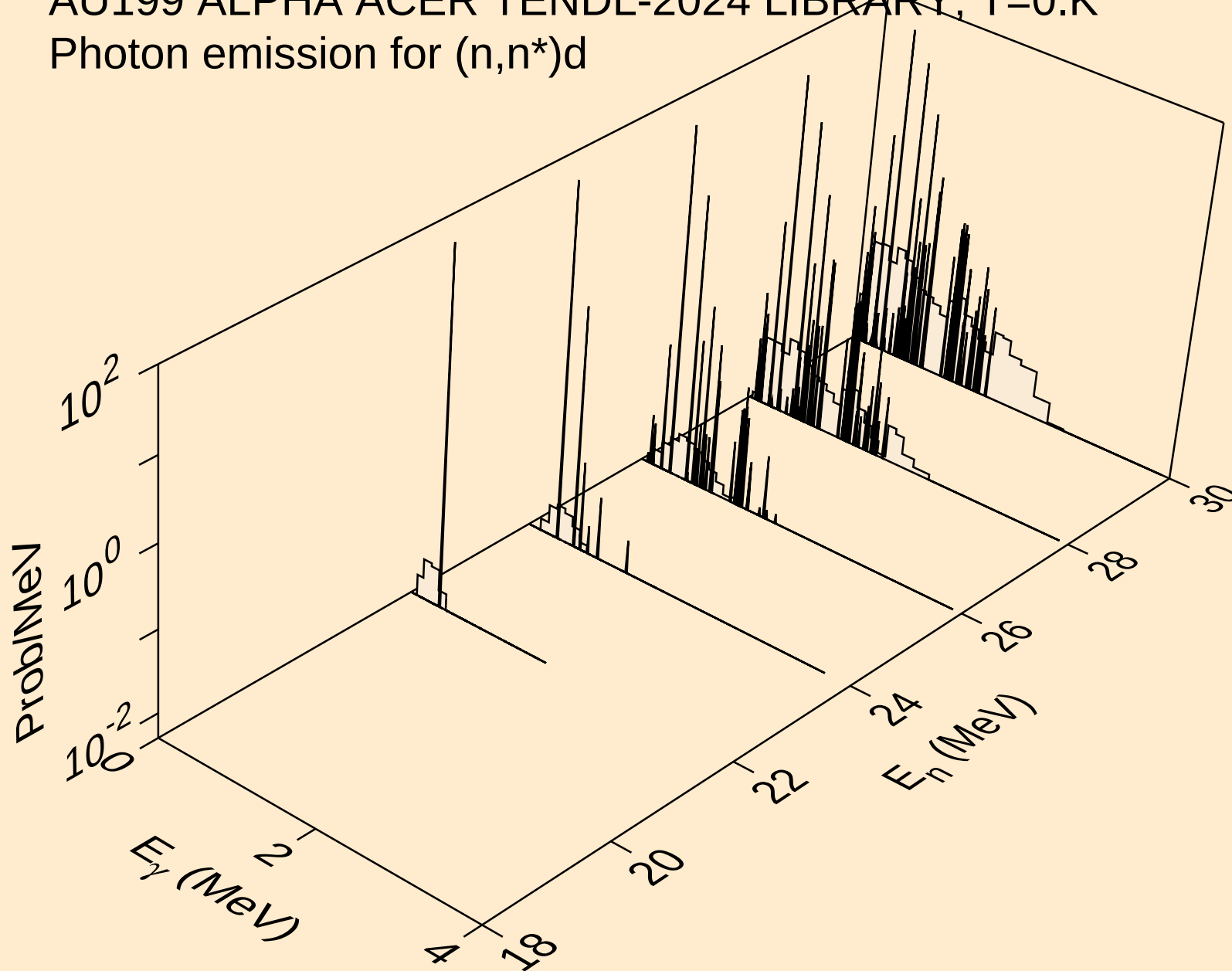


AU199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

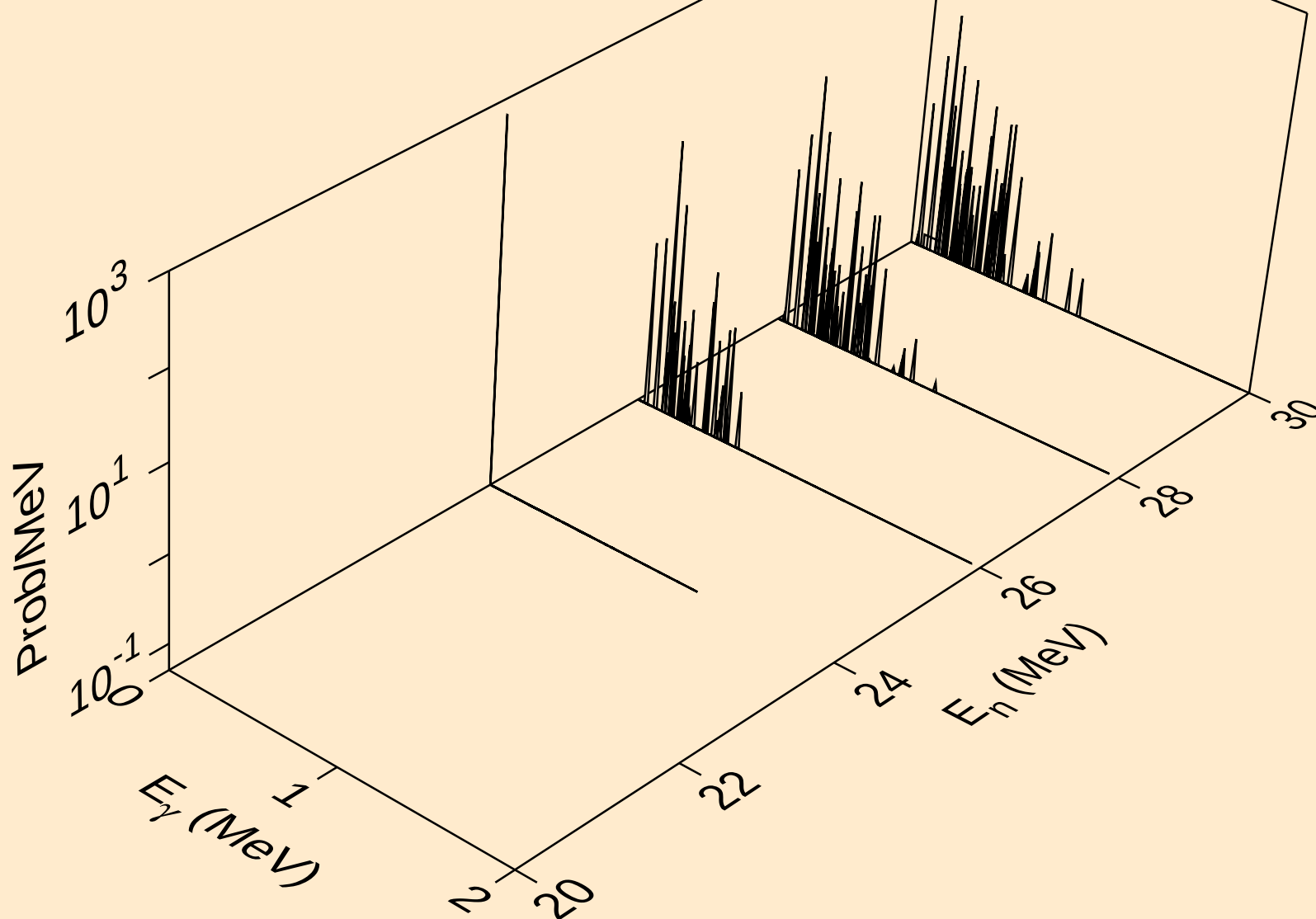


AU199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n\*)d

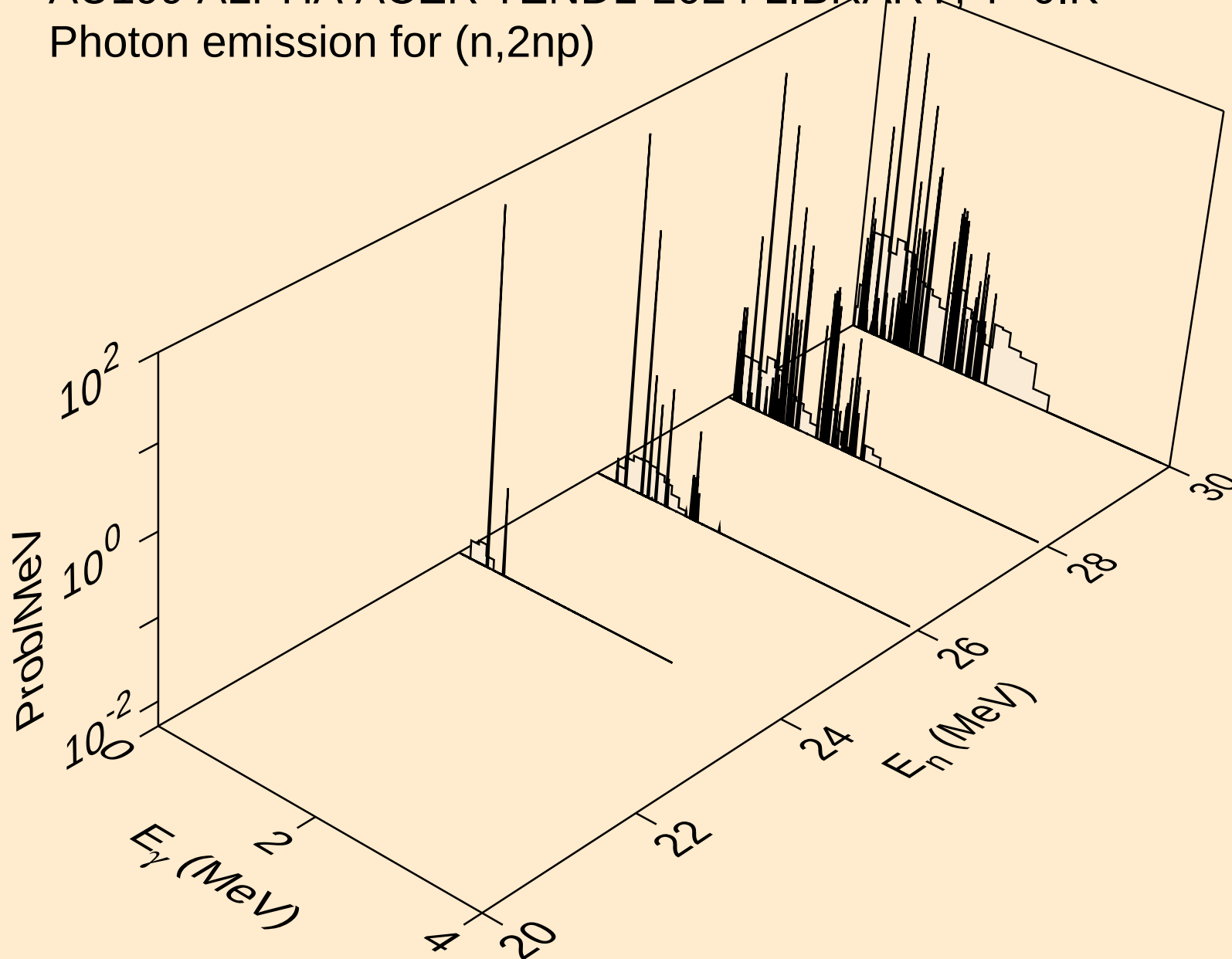


AU199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

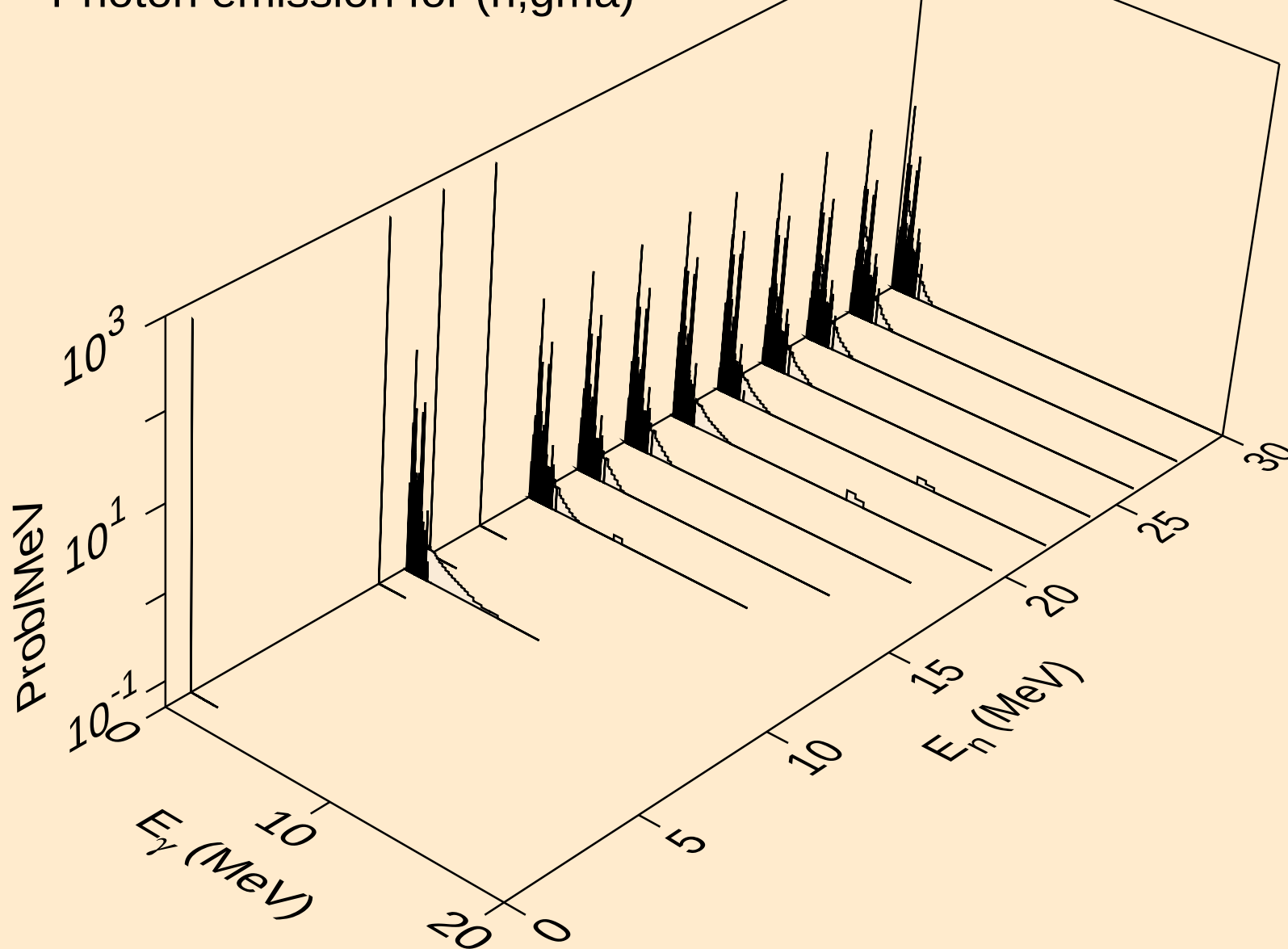




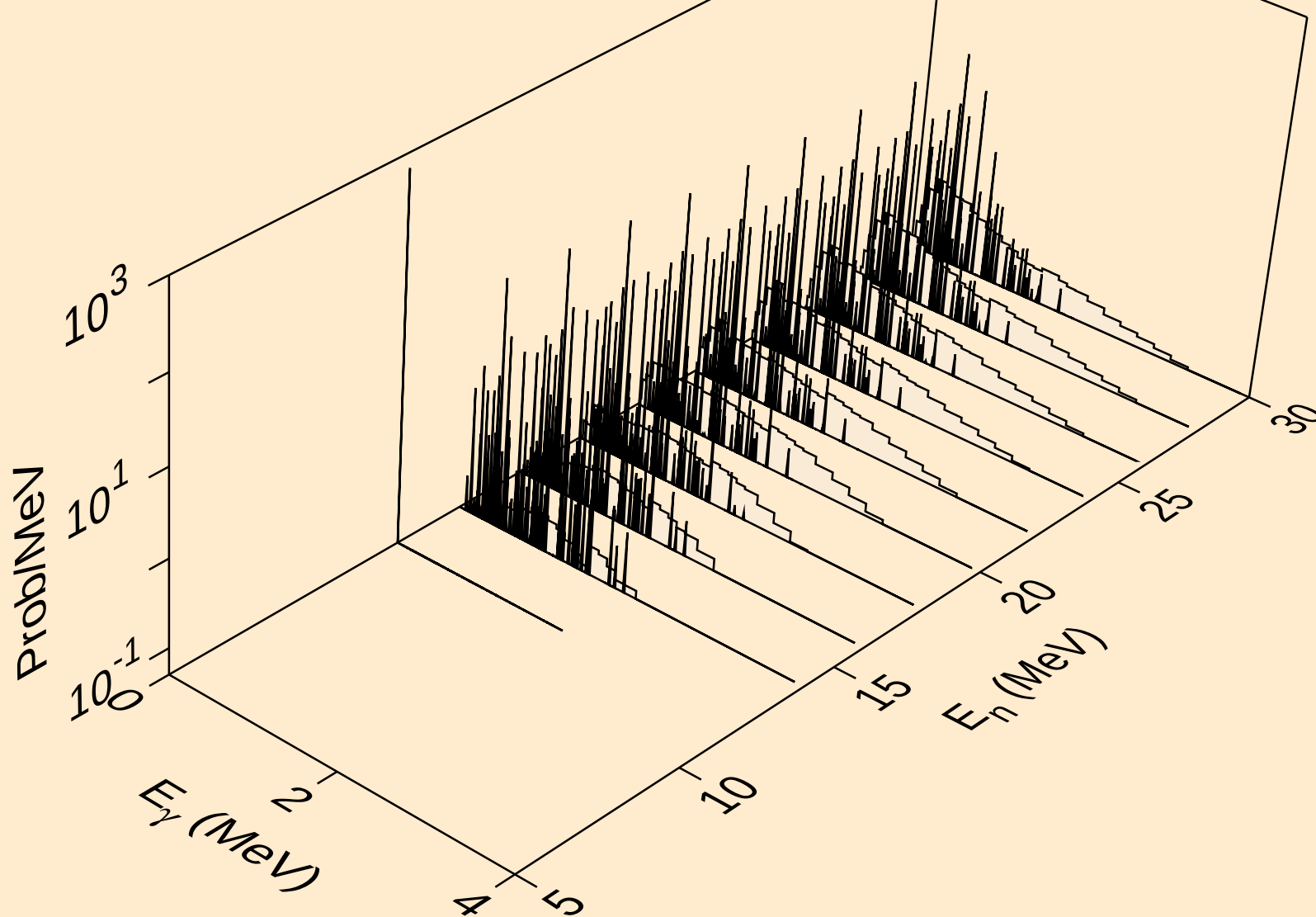
AU199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



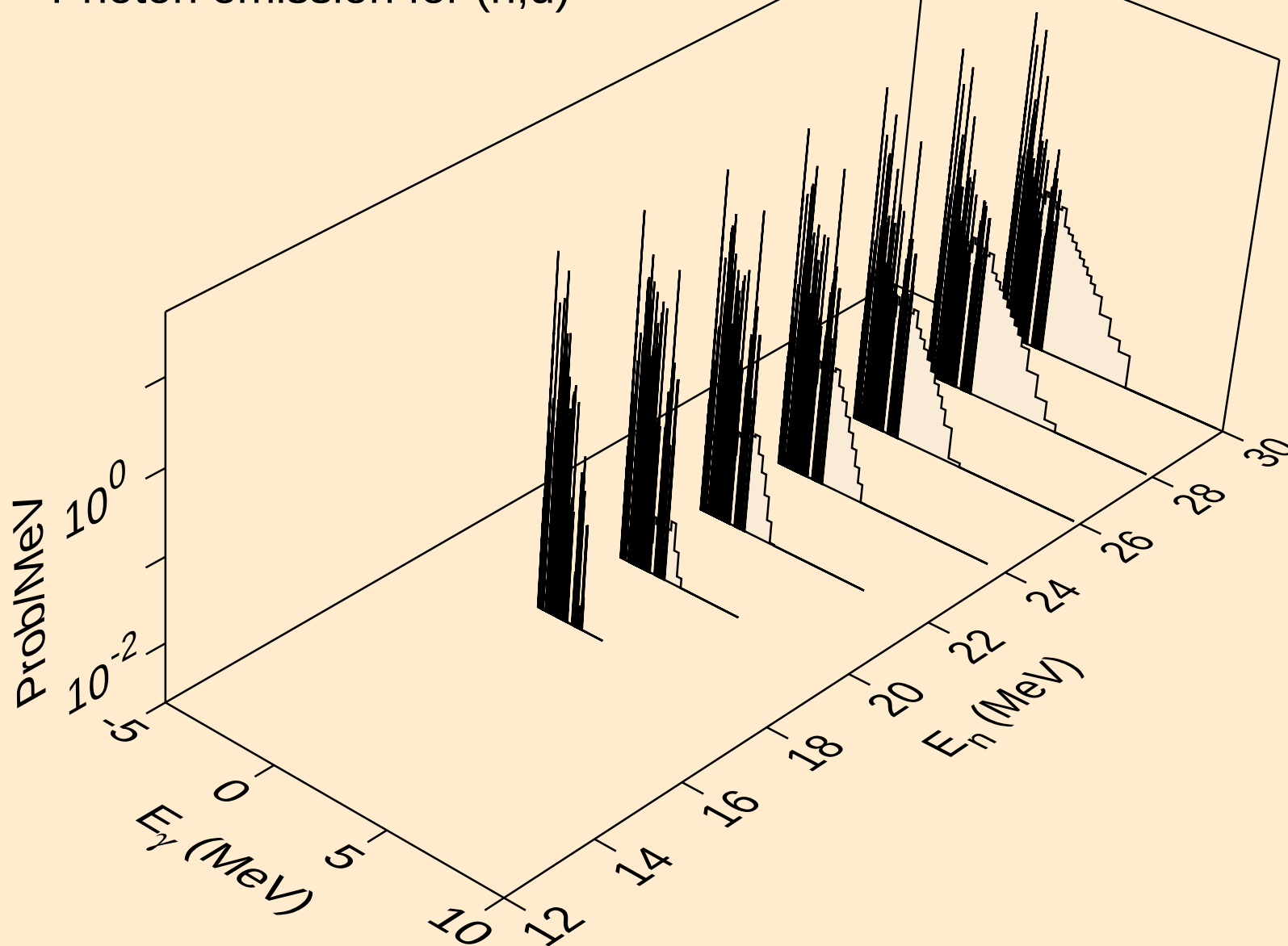
AU199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



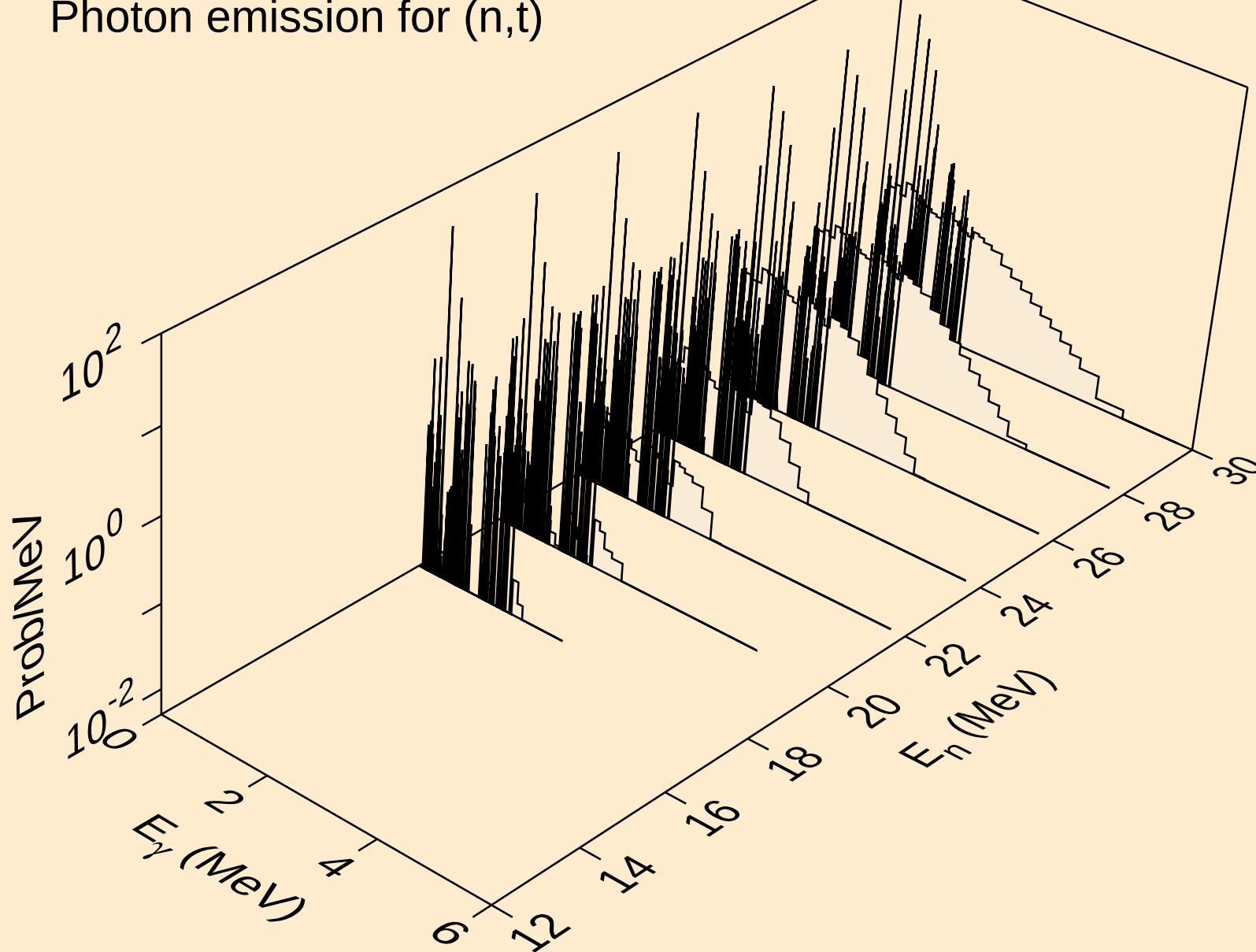
AU199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



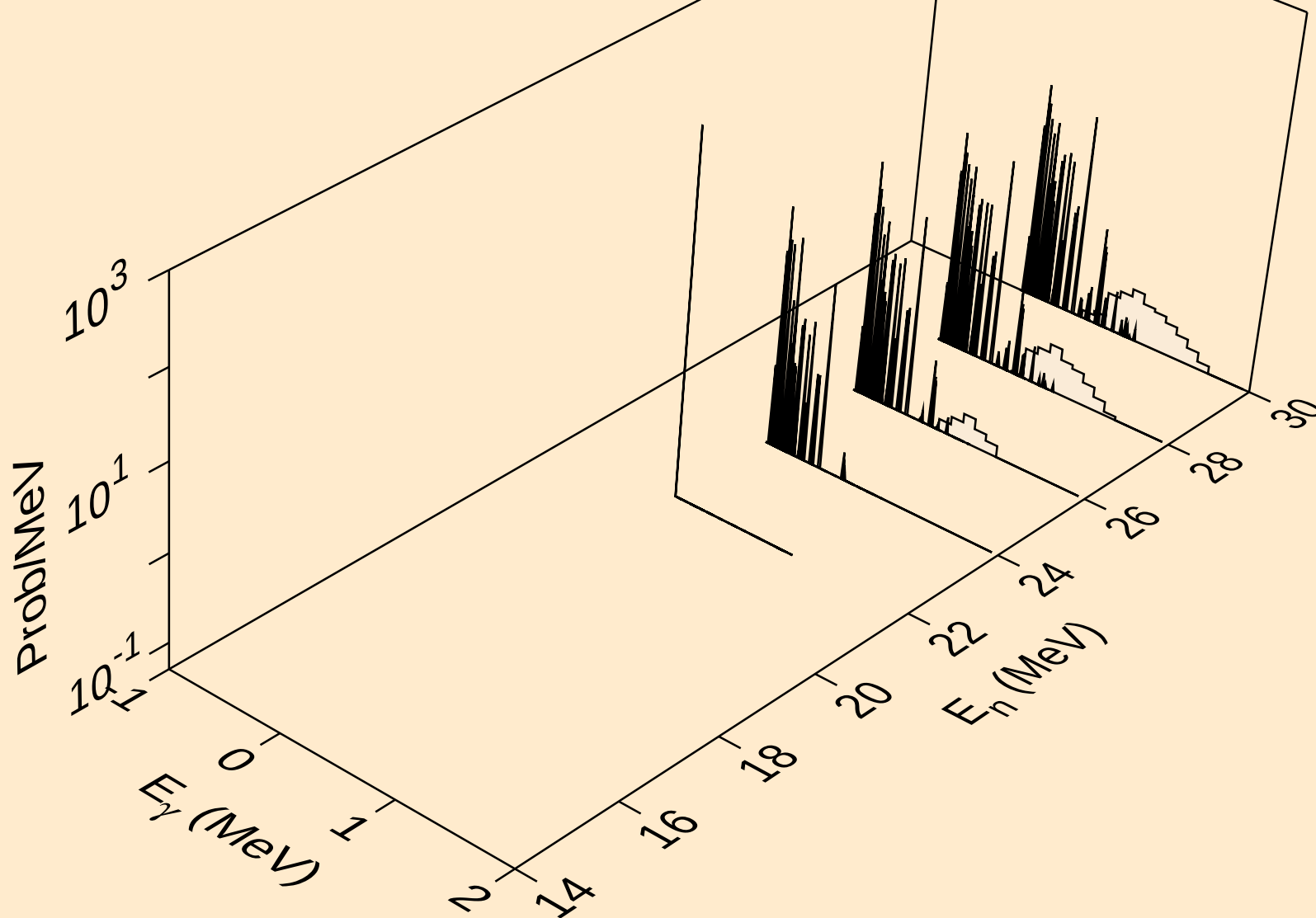
AU199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



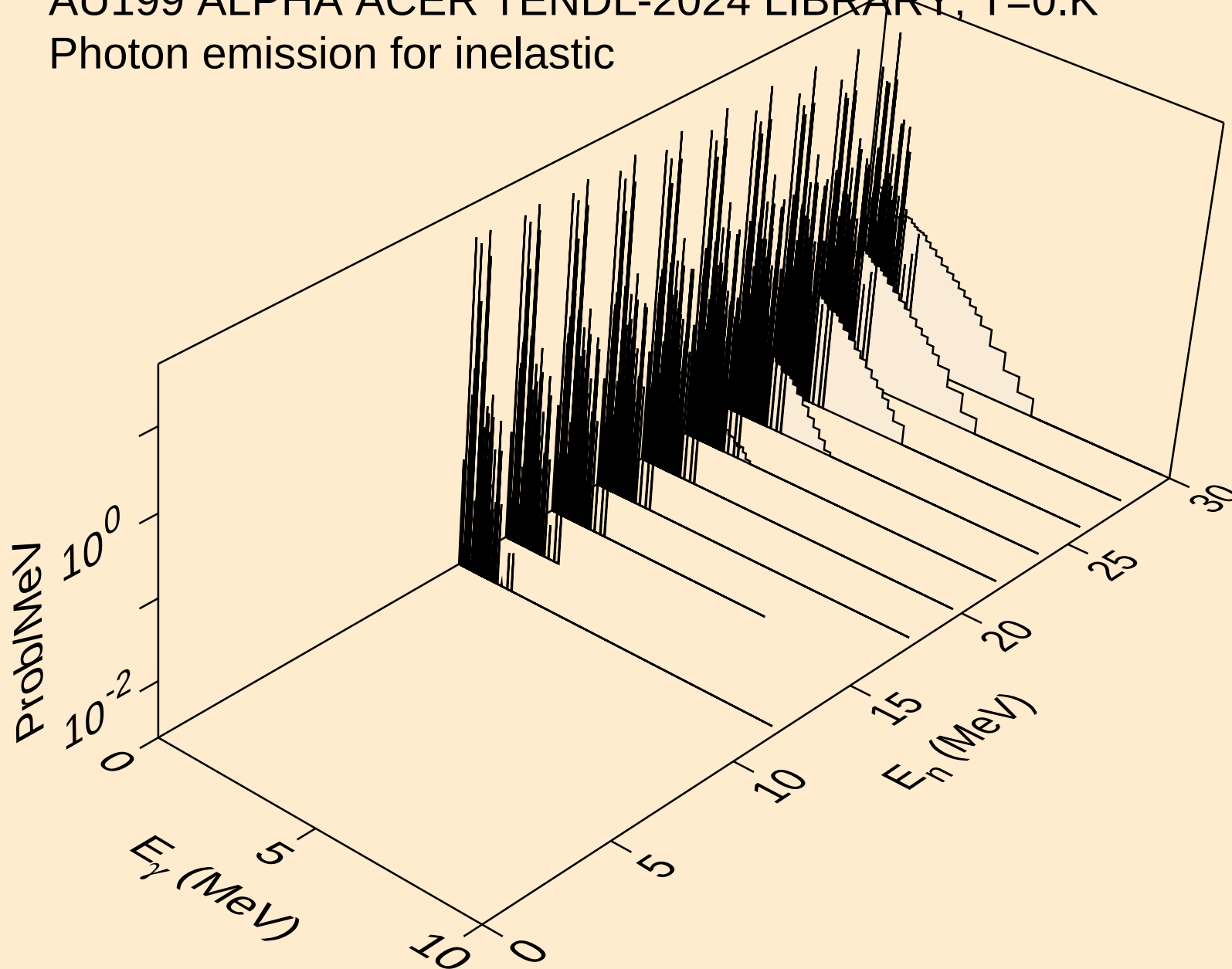
AU199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



AU199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)

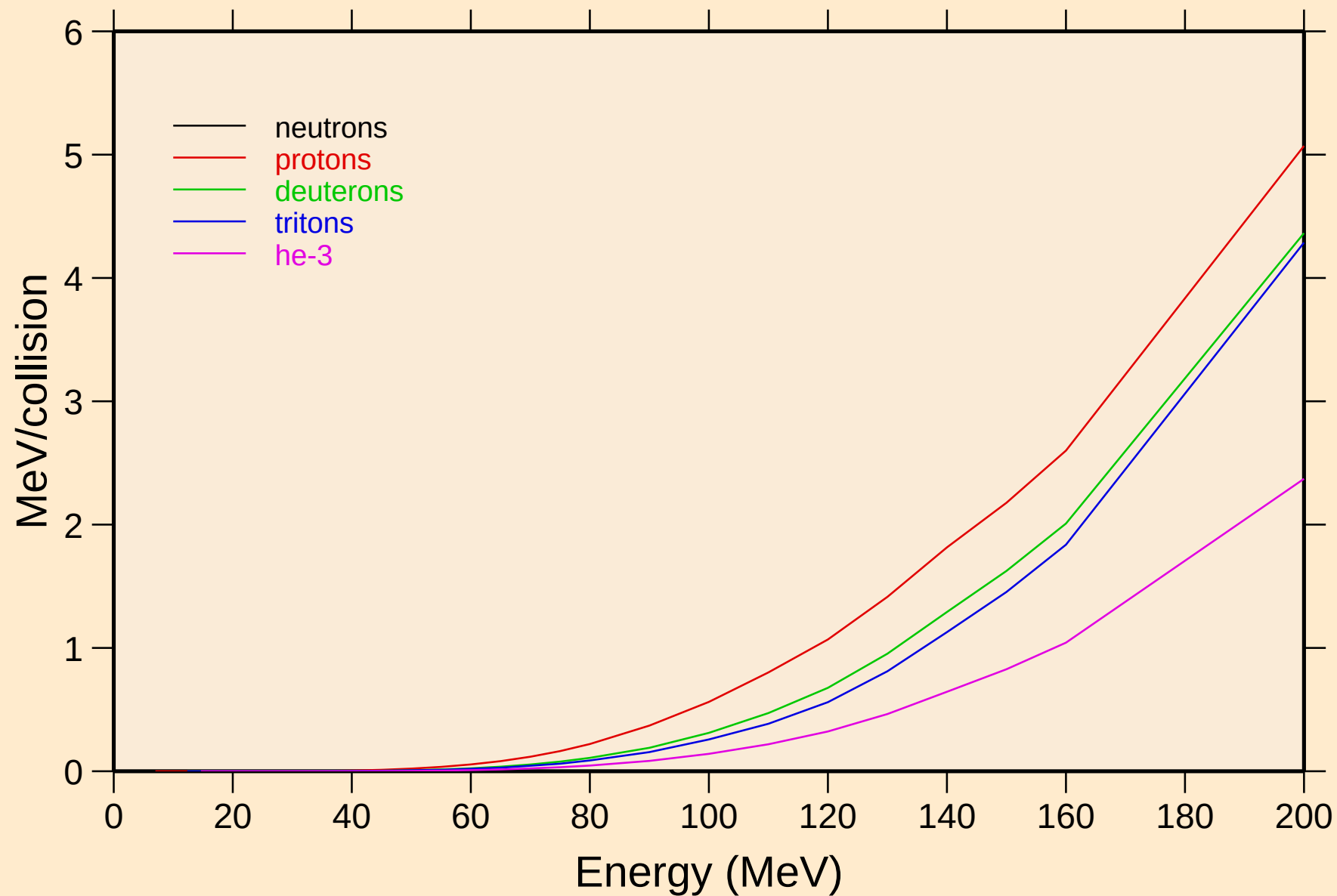


AU199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic



# AU199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

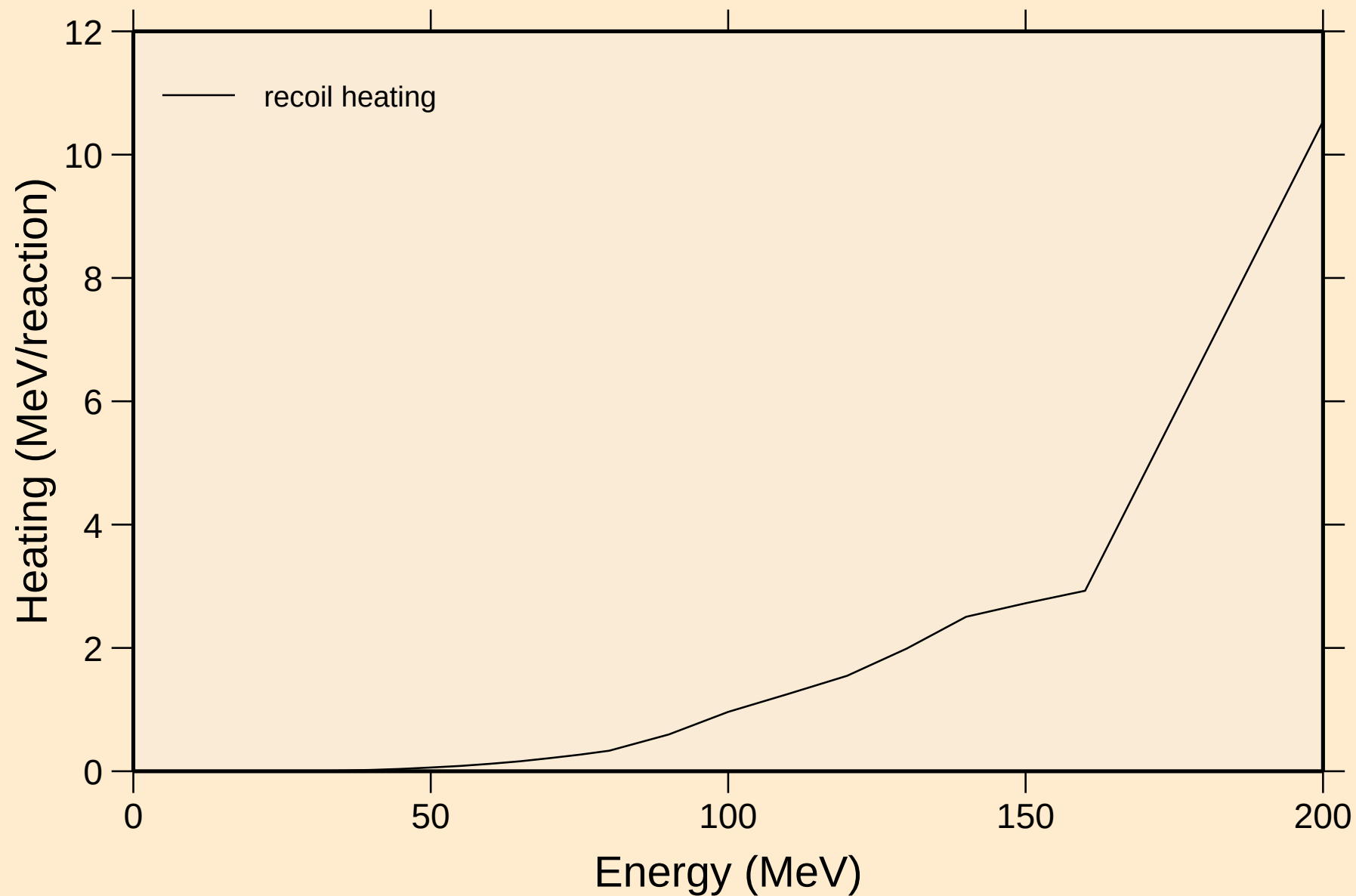
## Particle heating contributions





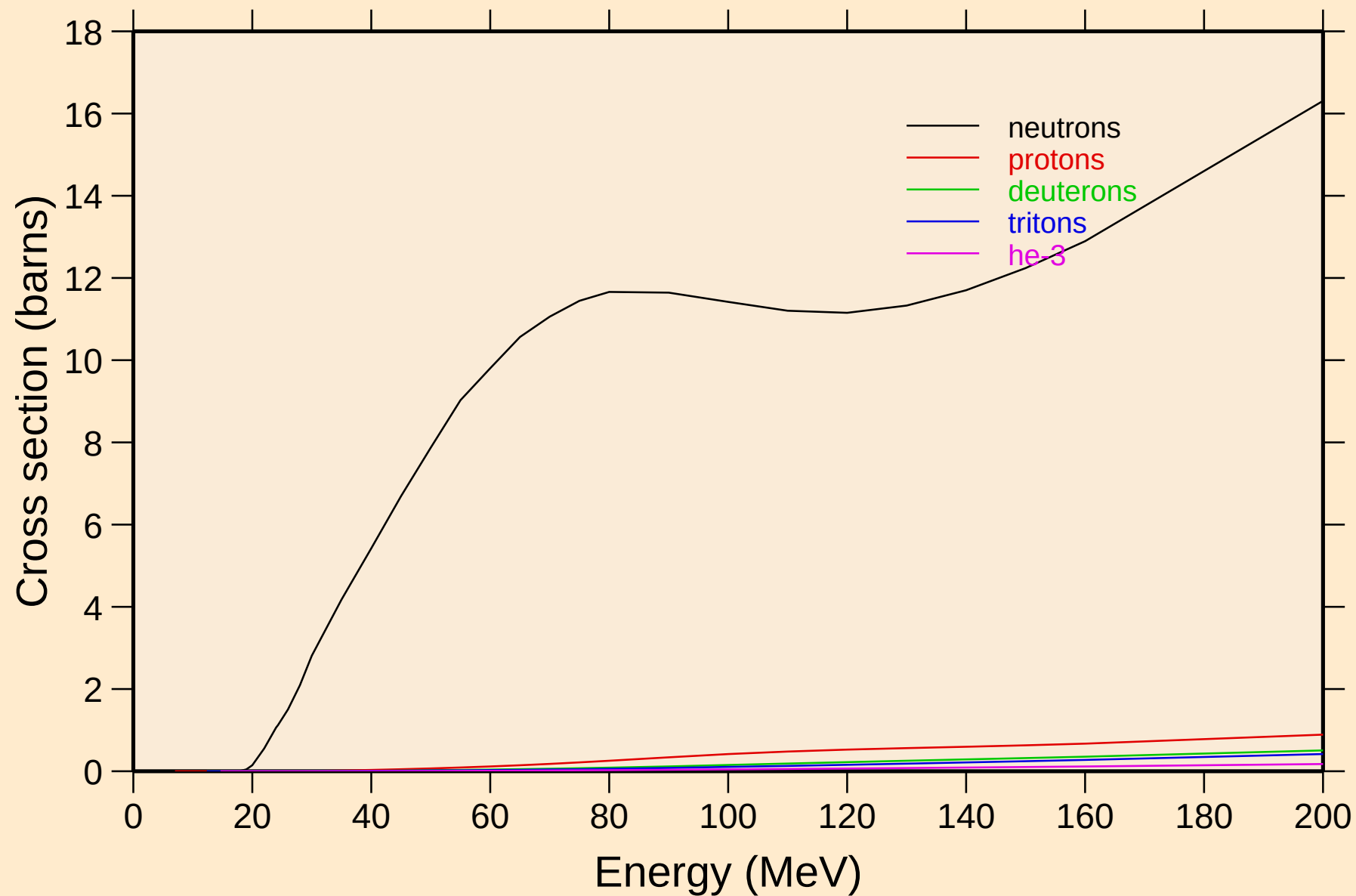
AU199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Recoil Heating

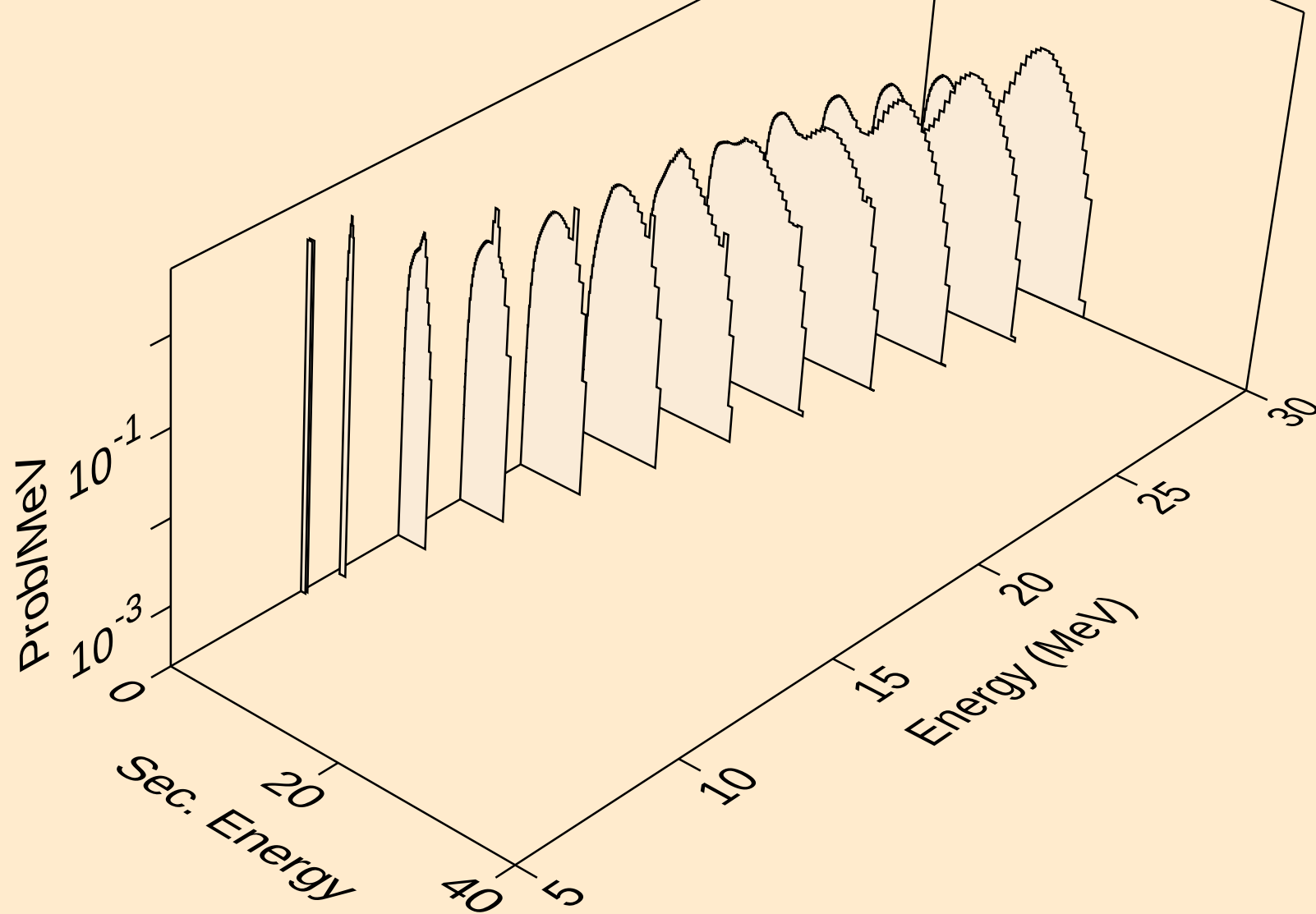


AU199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

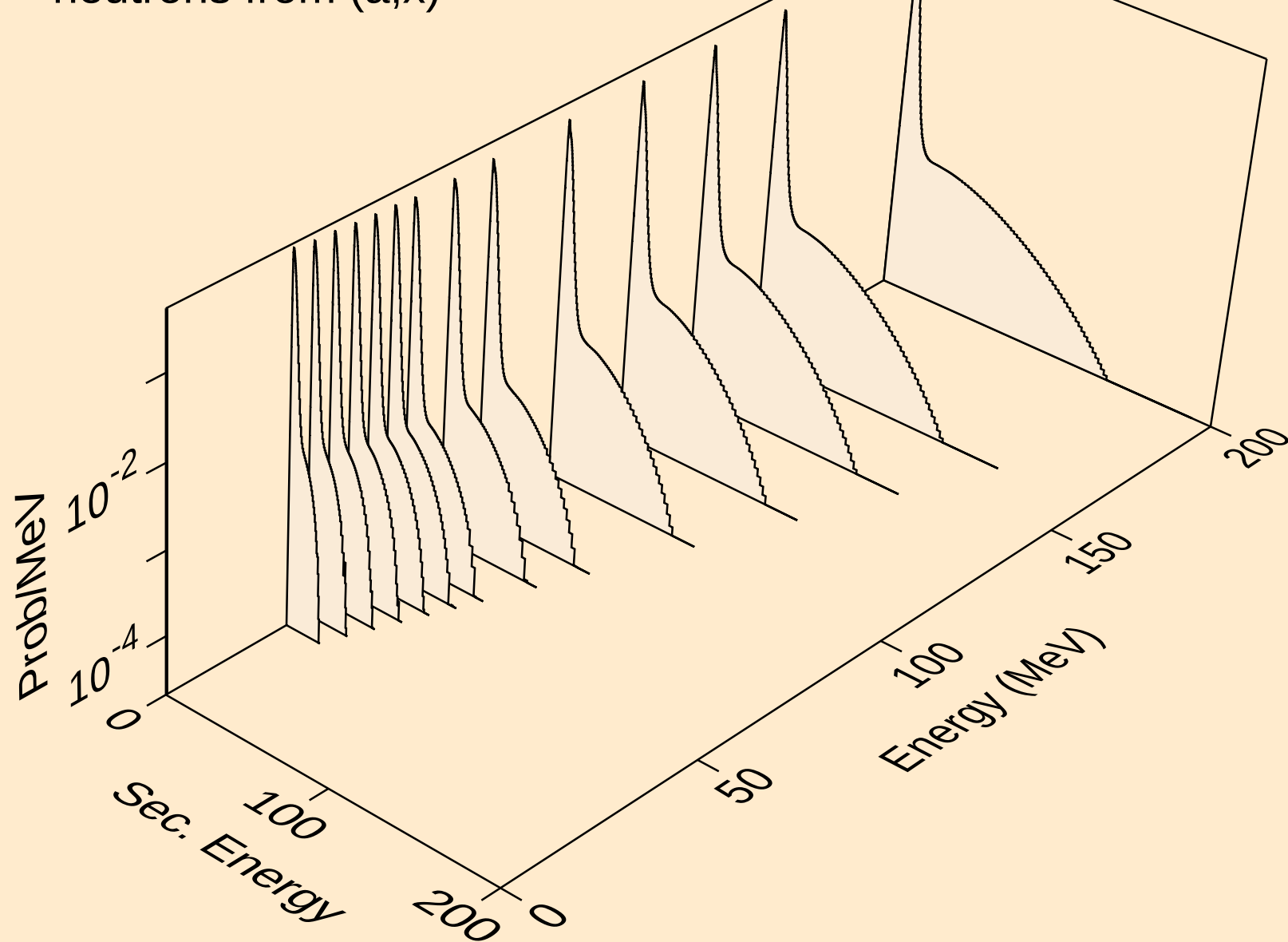
Particle production cross sections



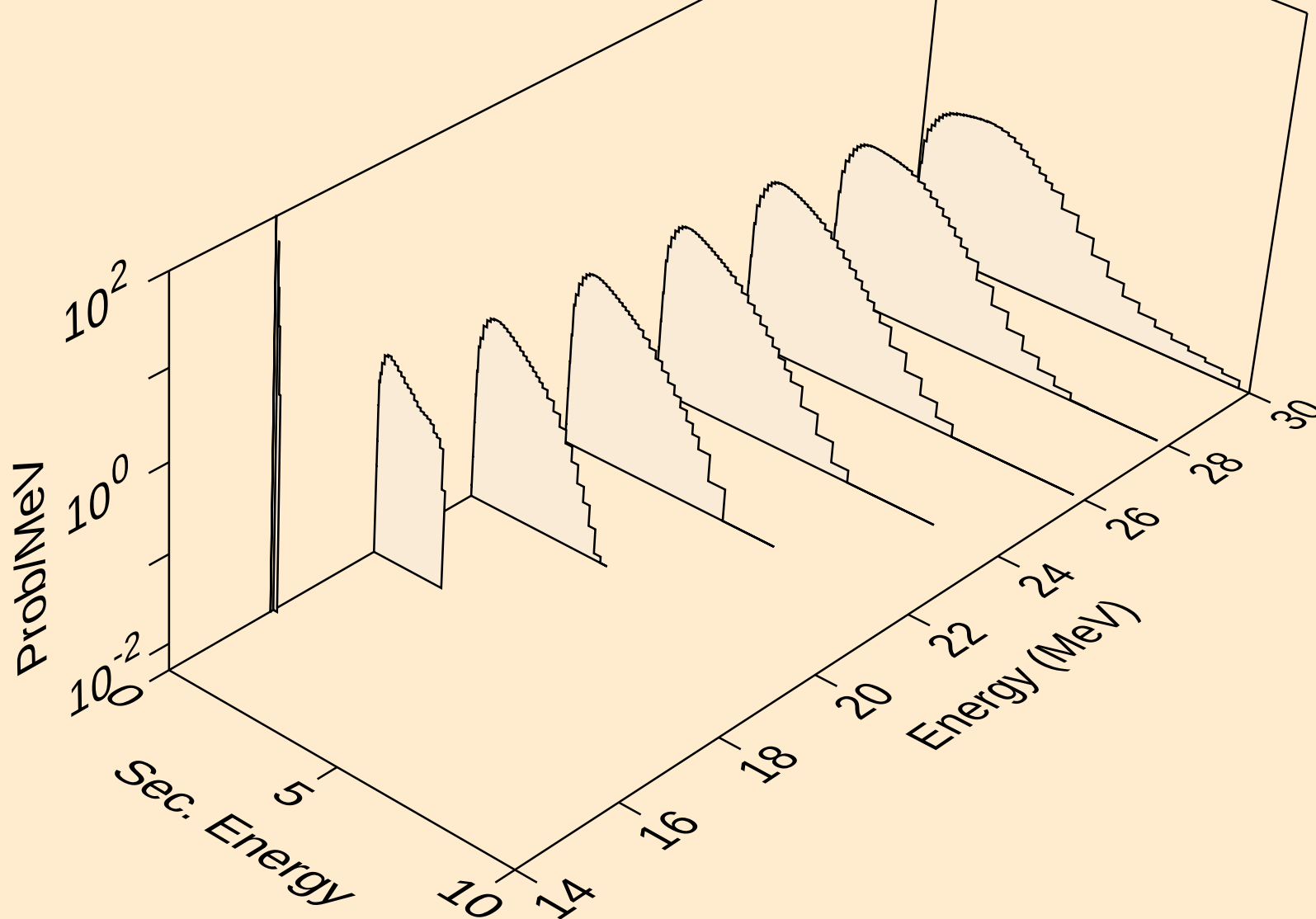
AU199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n)



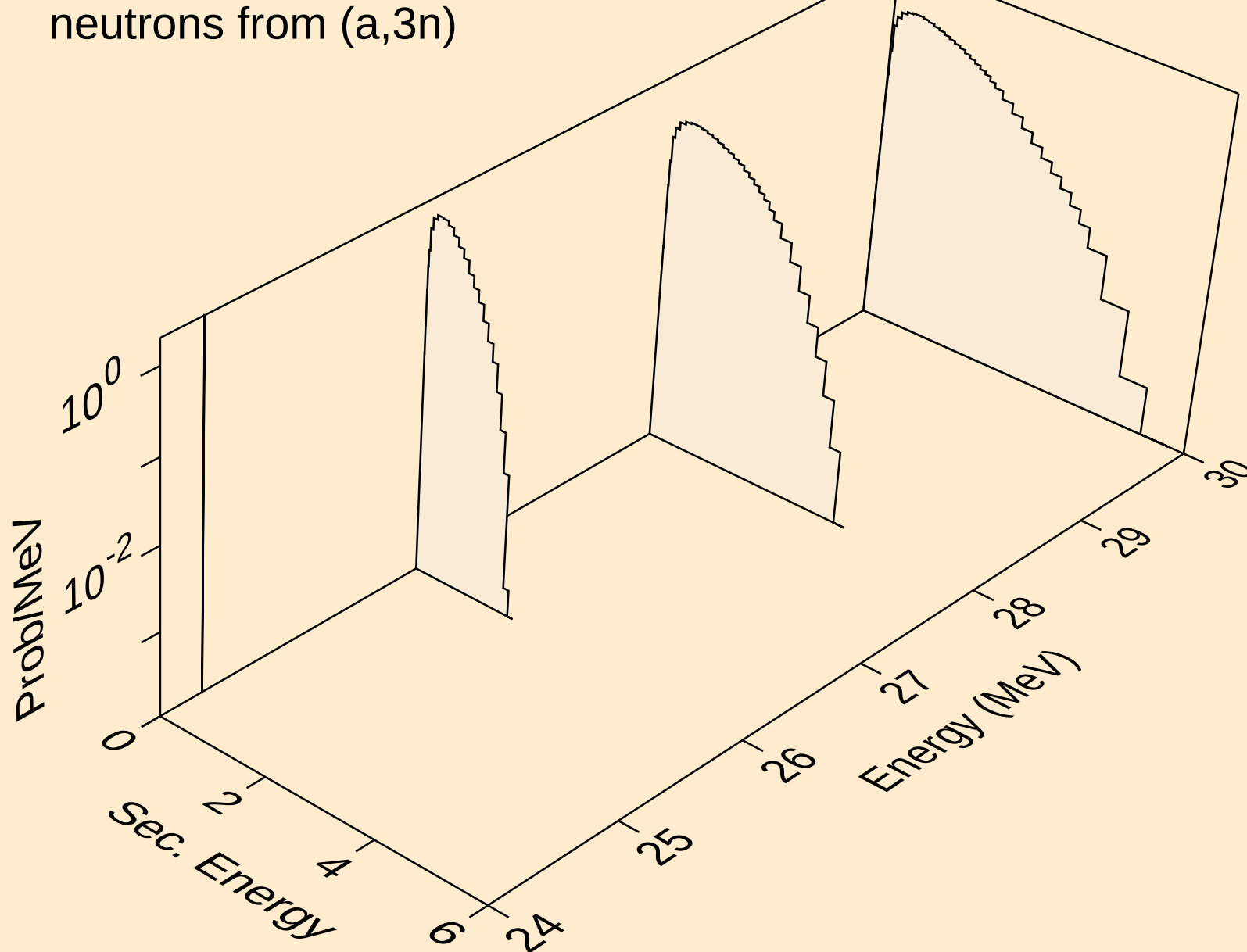
AU199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,x)



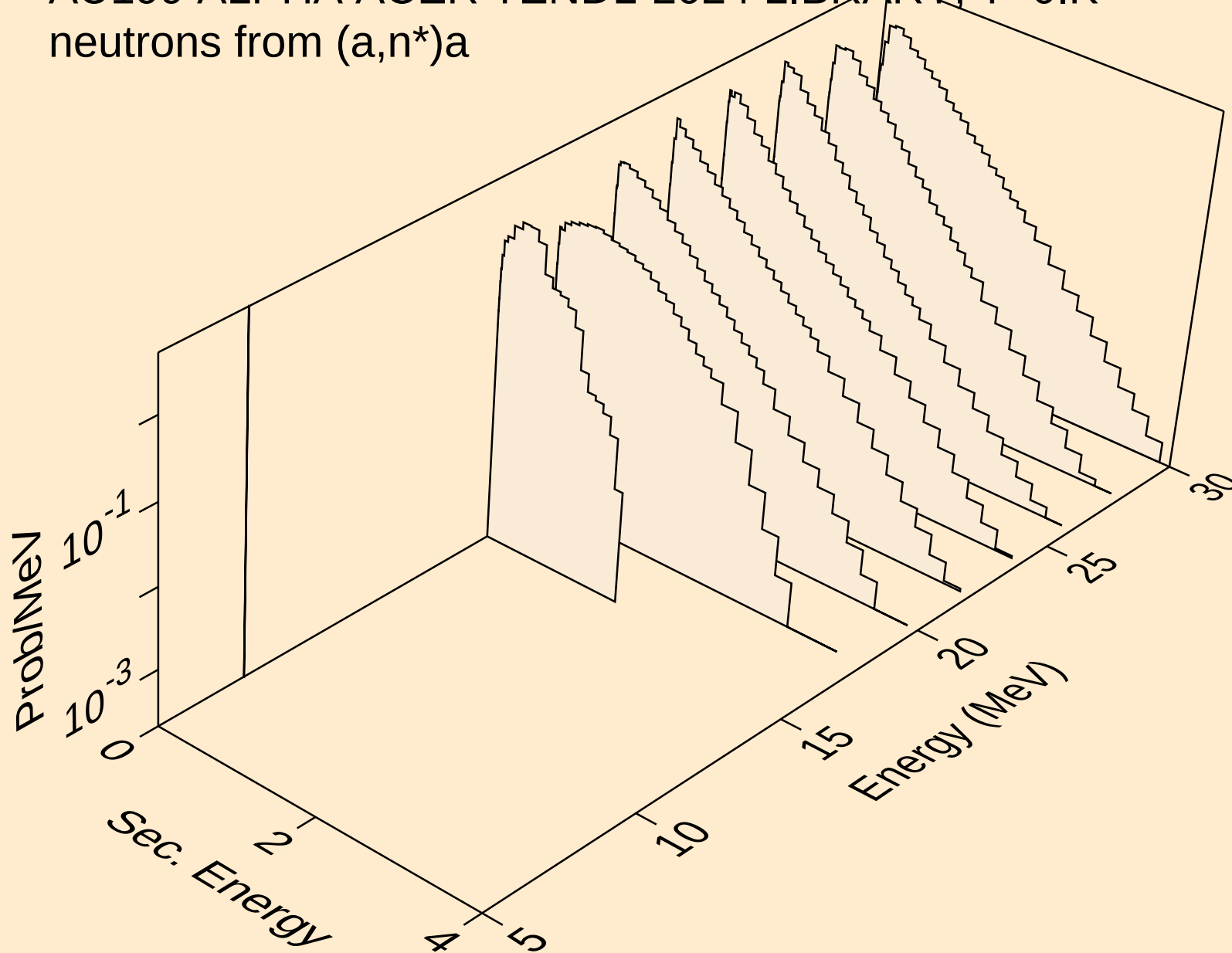
AU199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,2n)



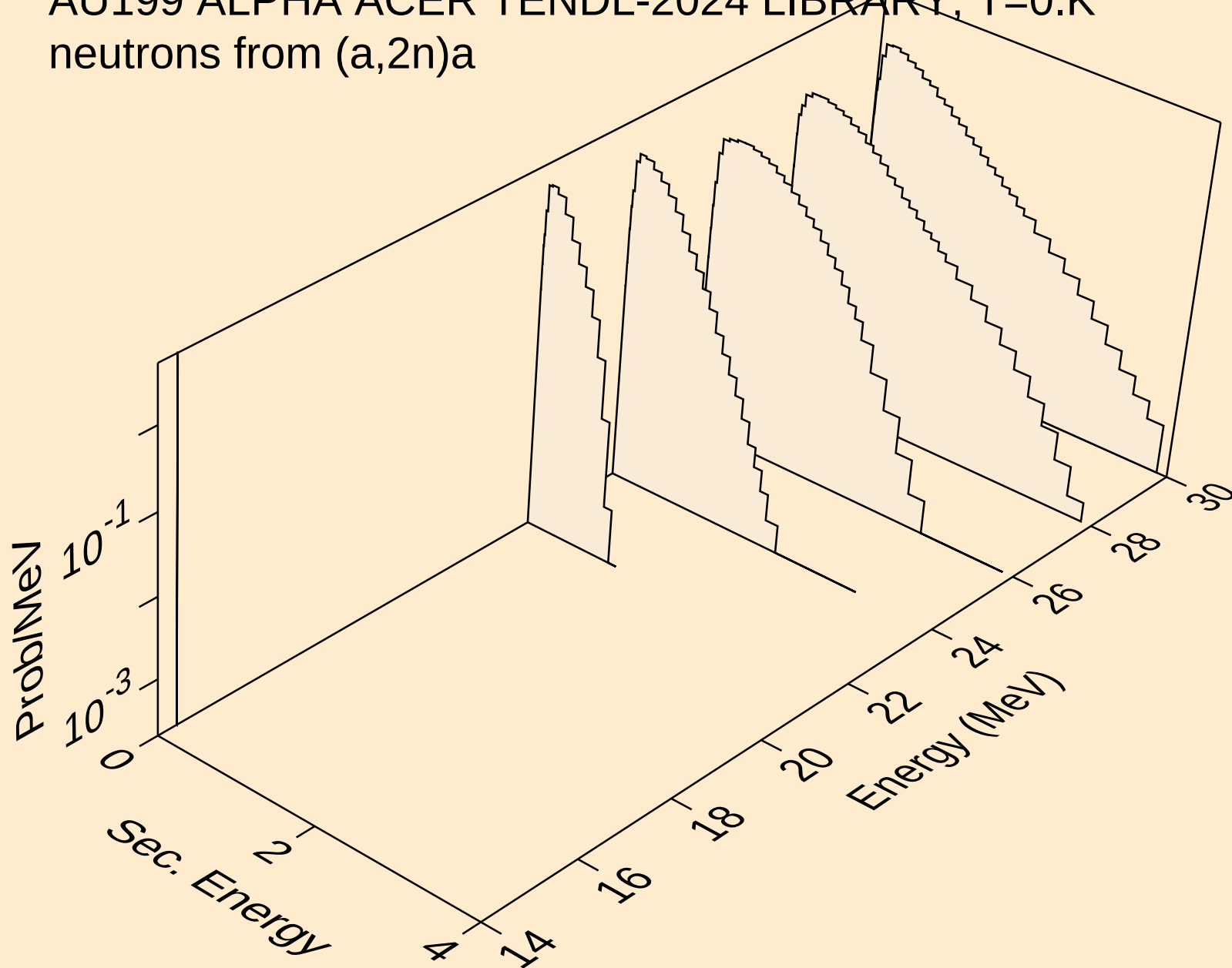
AU199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,3n)



AU199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)a

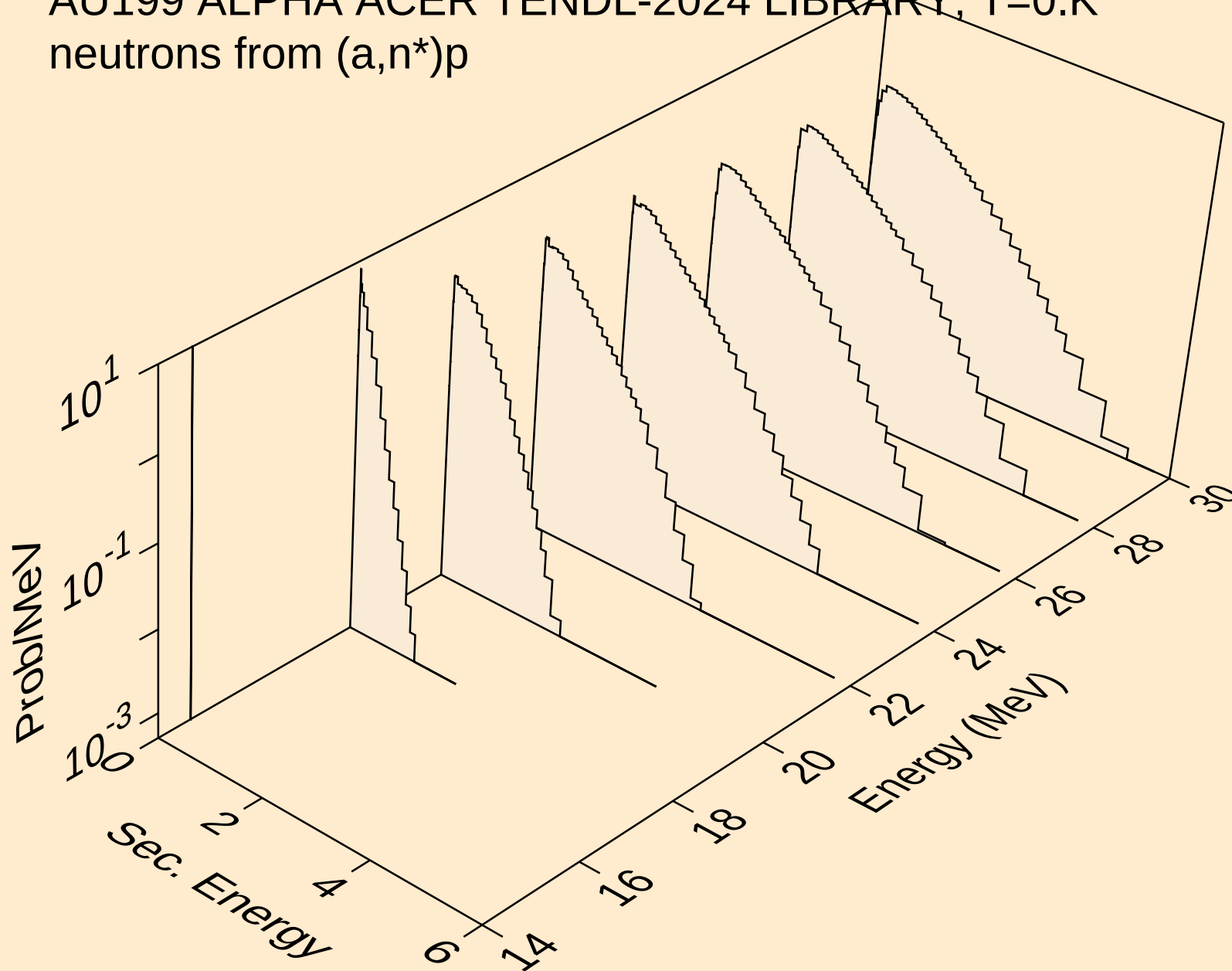


AU199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,2n)a

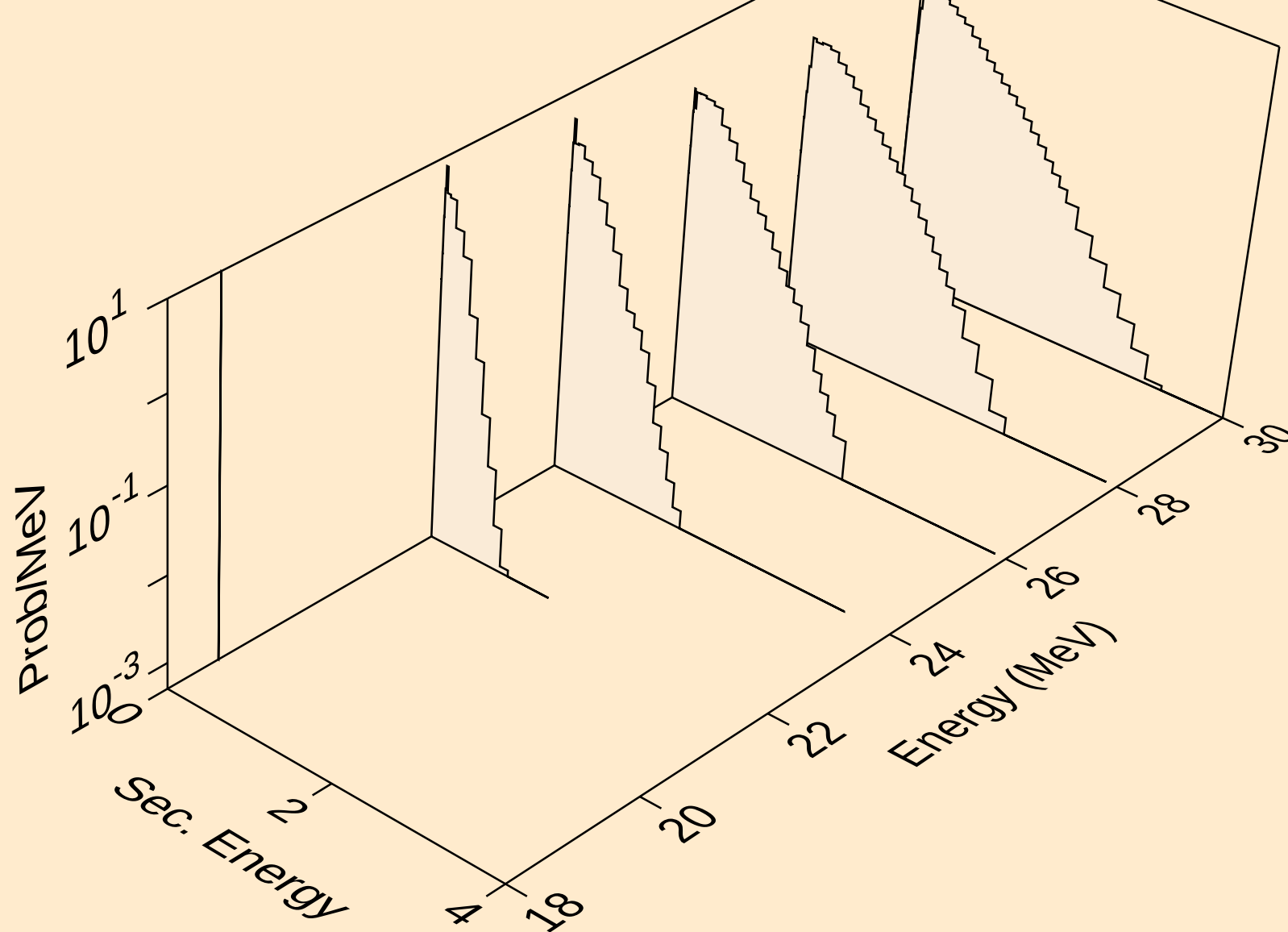




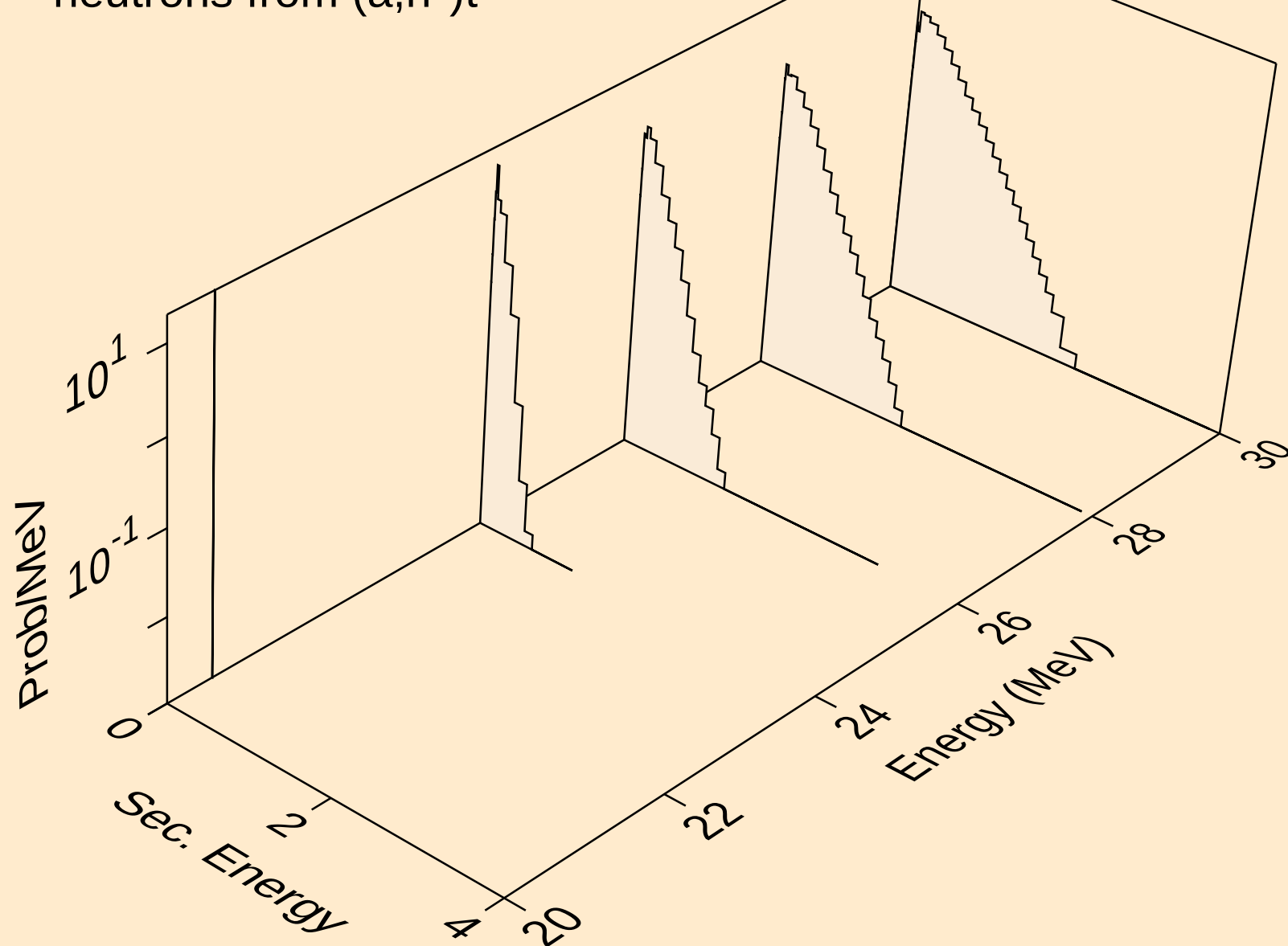
AU199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)p



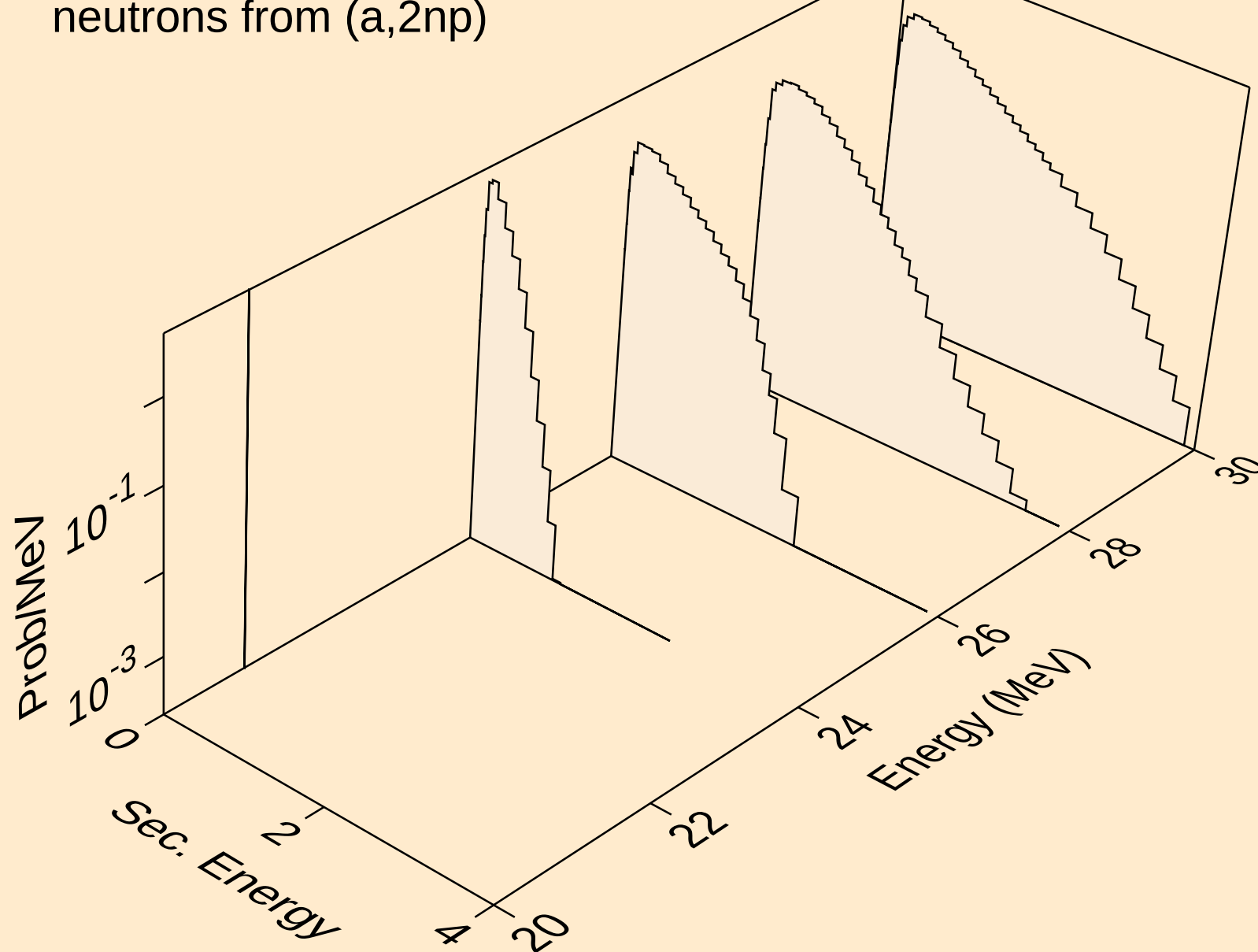
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neutrons from (a,n\*)d



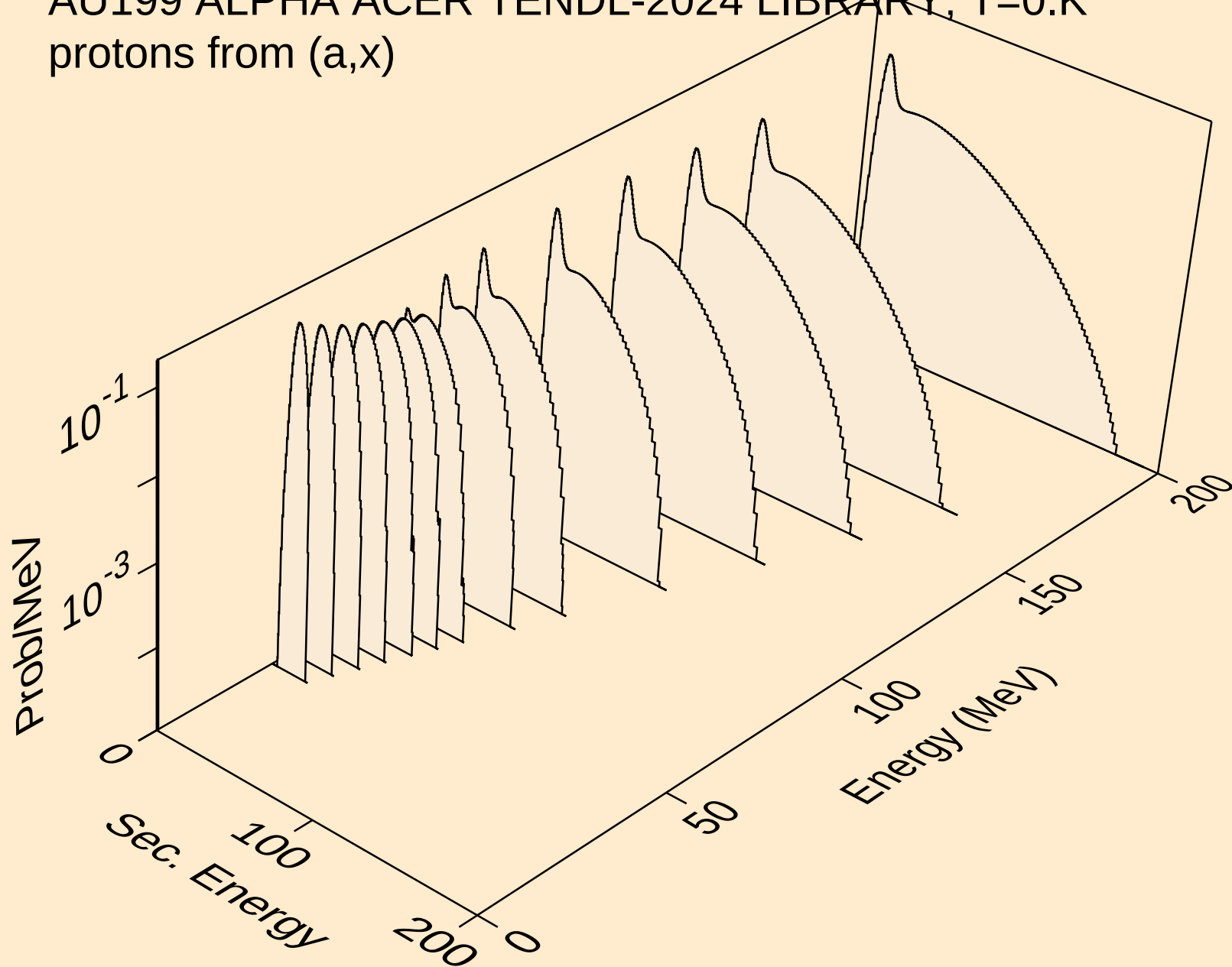
AU199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)t



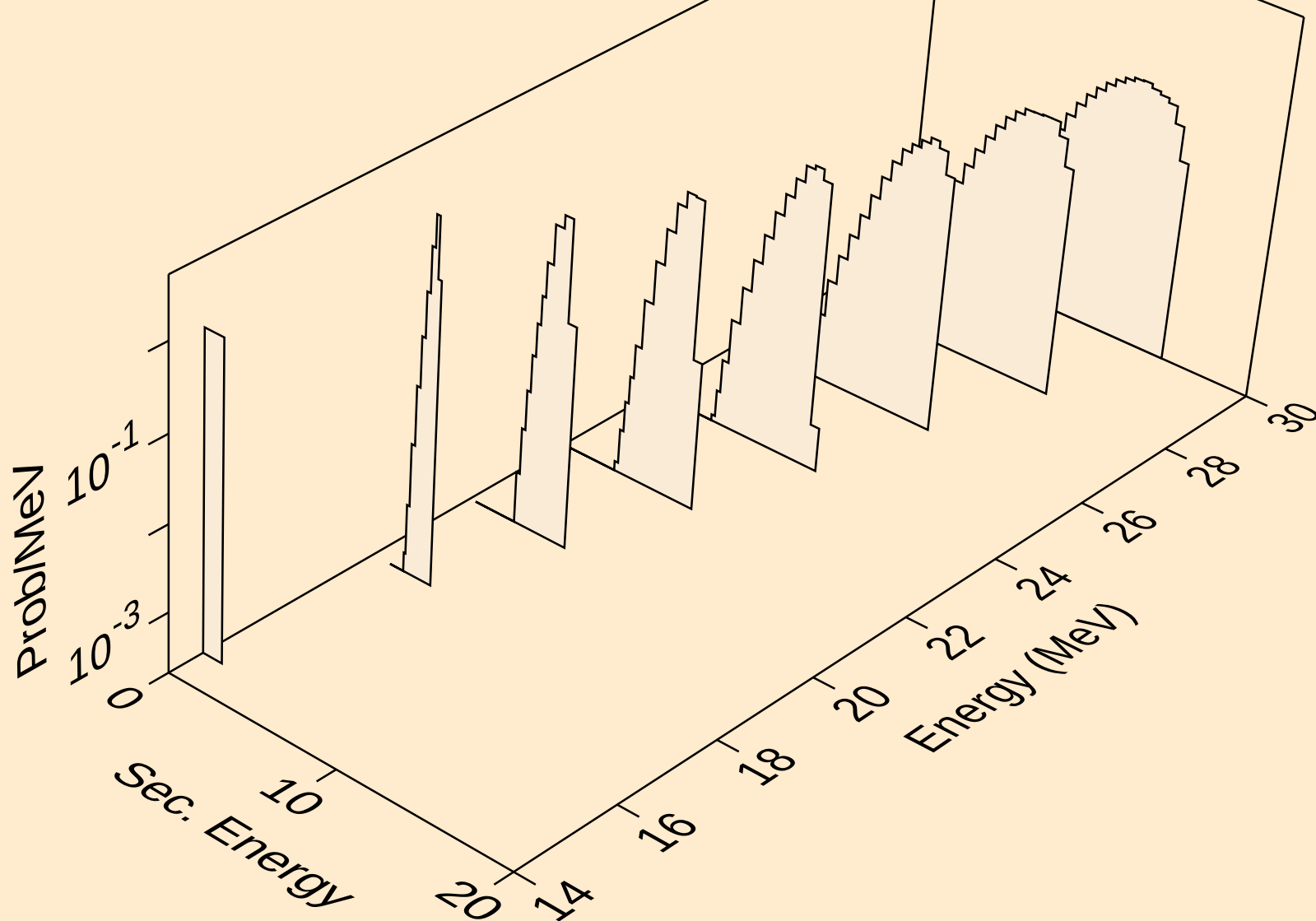
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neutrons from (a,2np)



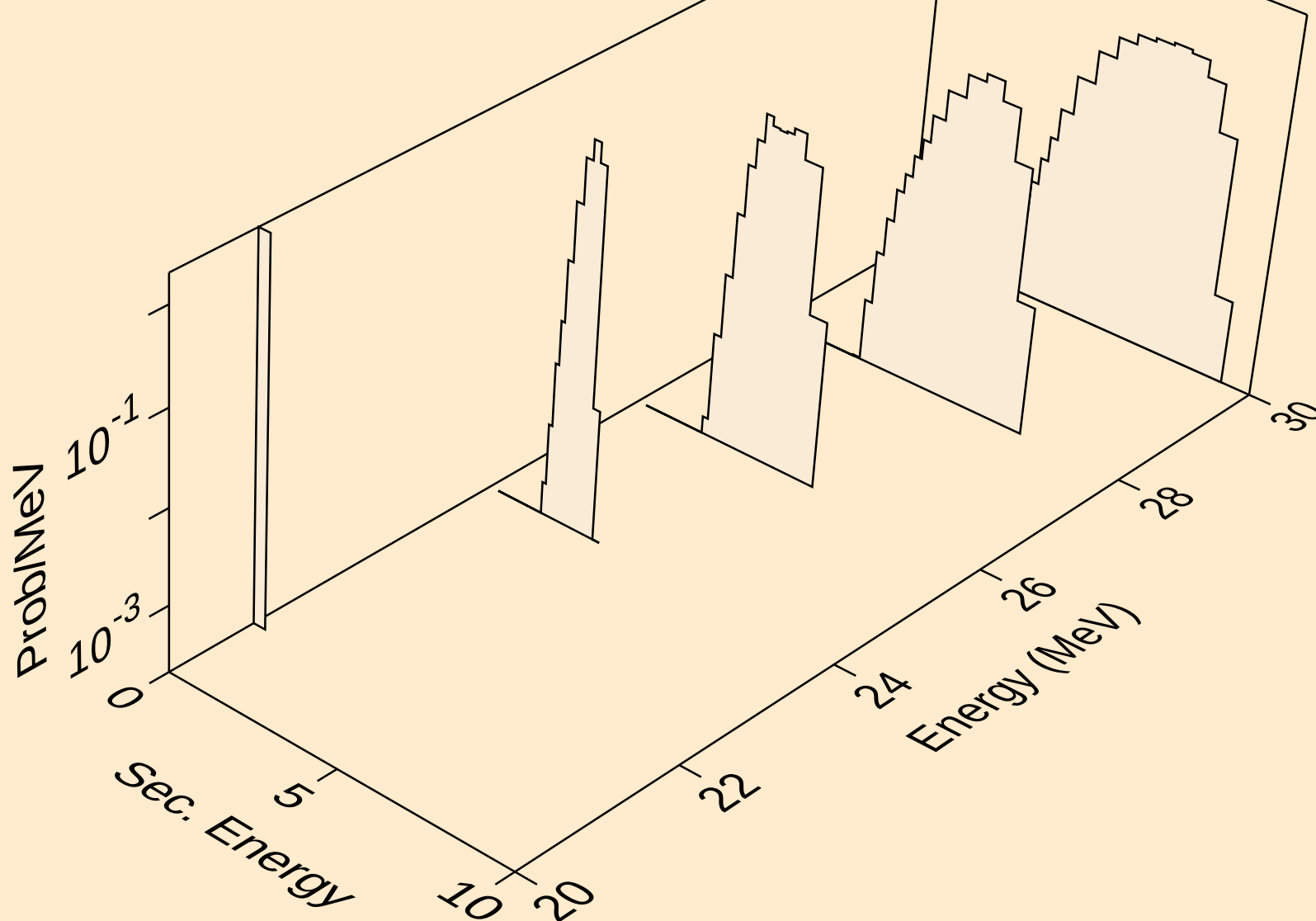
AU199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,x)



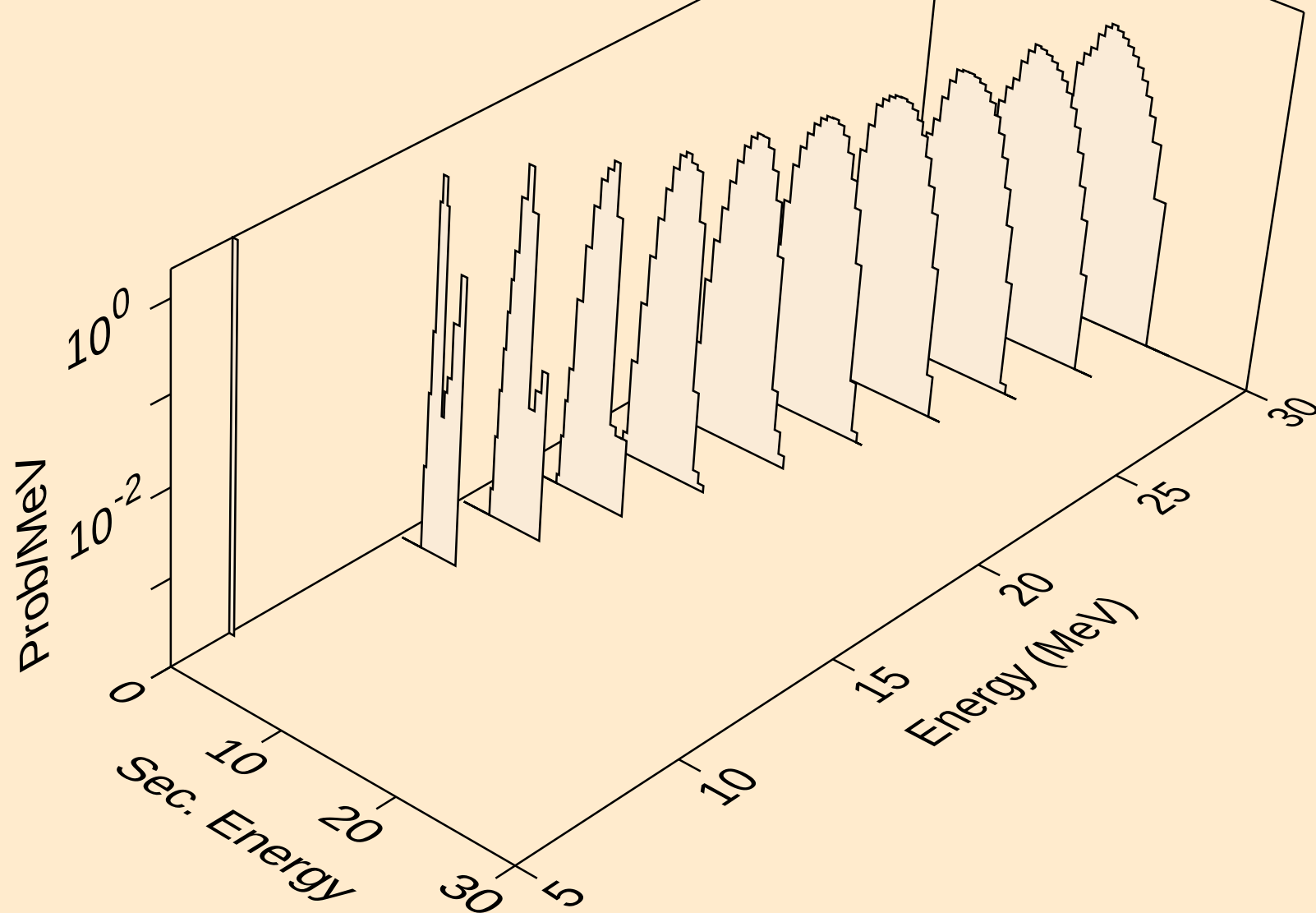
AU199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,n\*)p



AU199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,2np)

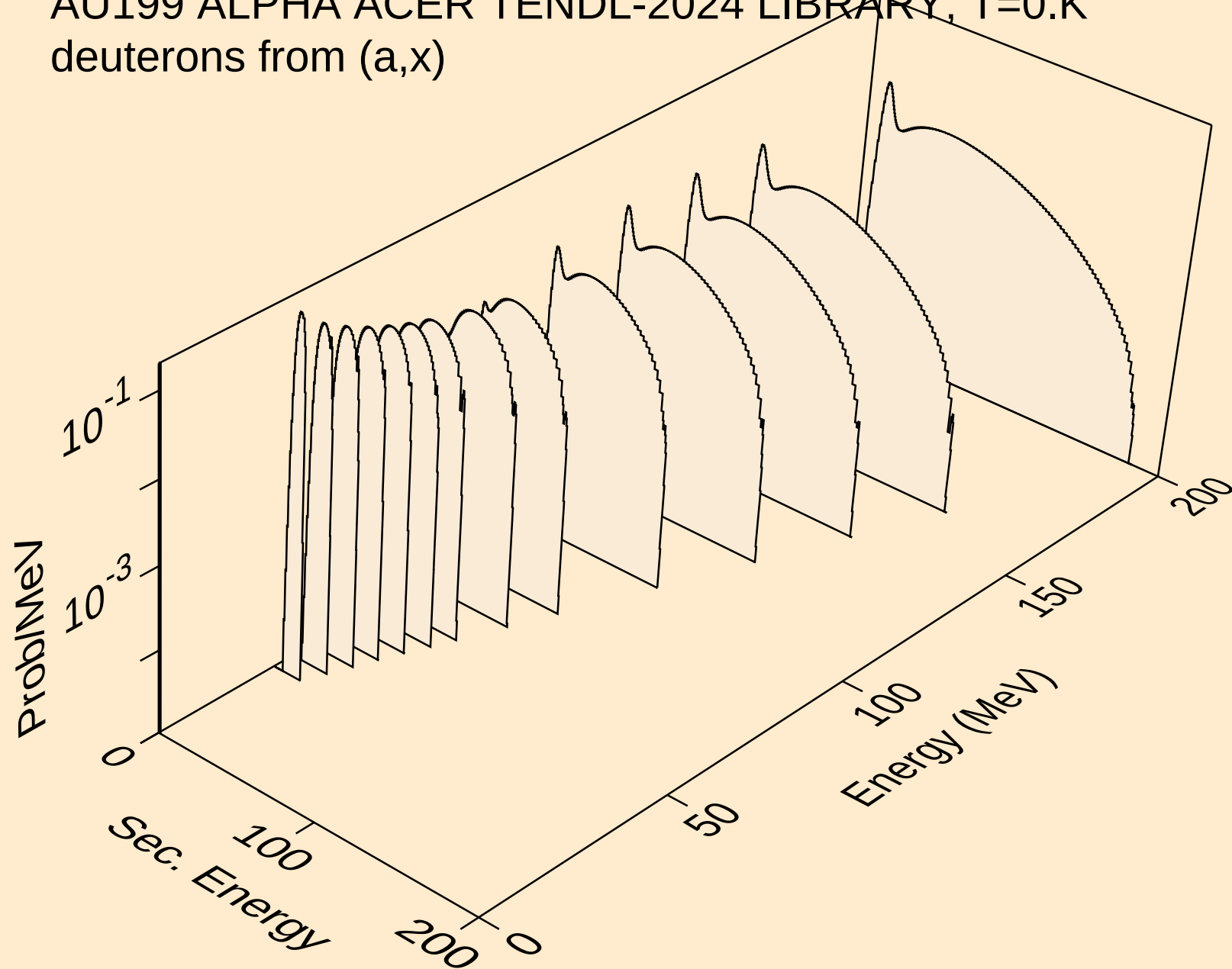


AU199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,p)

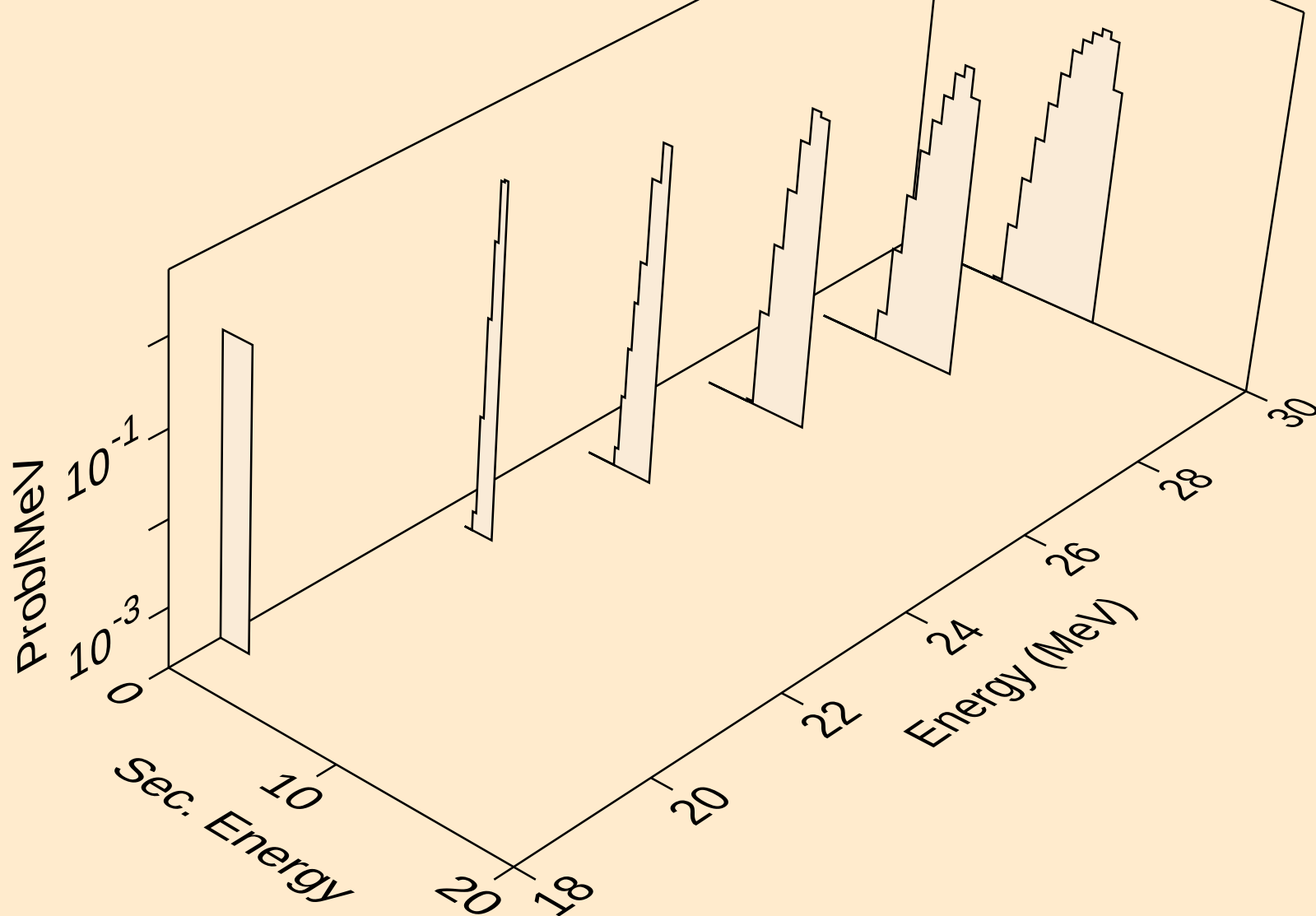




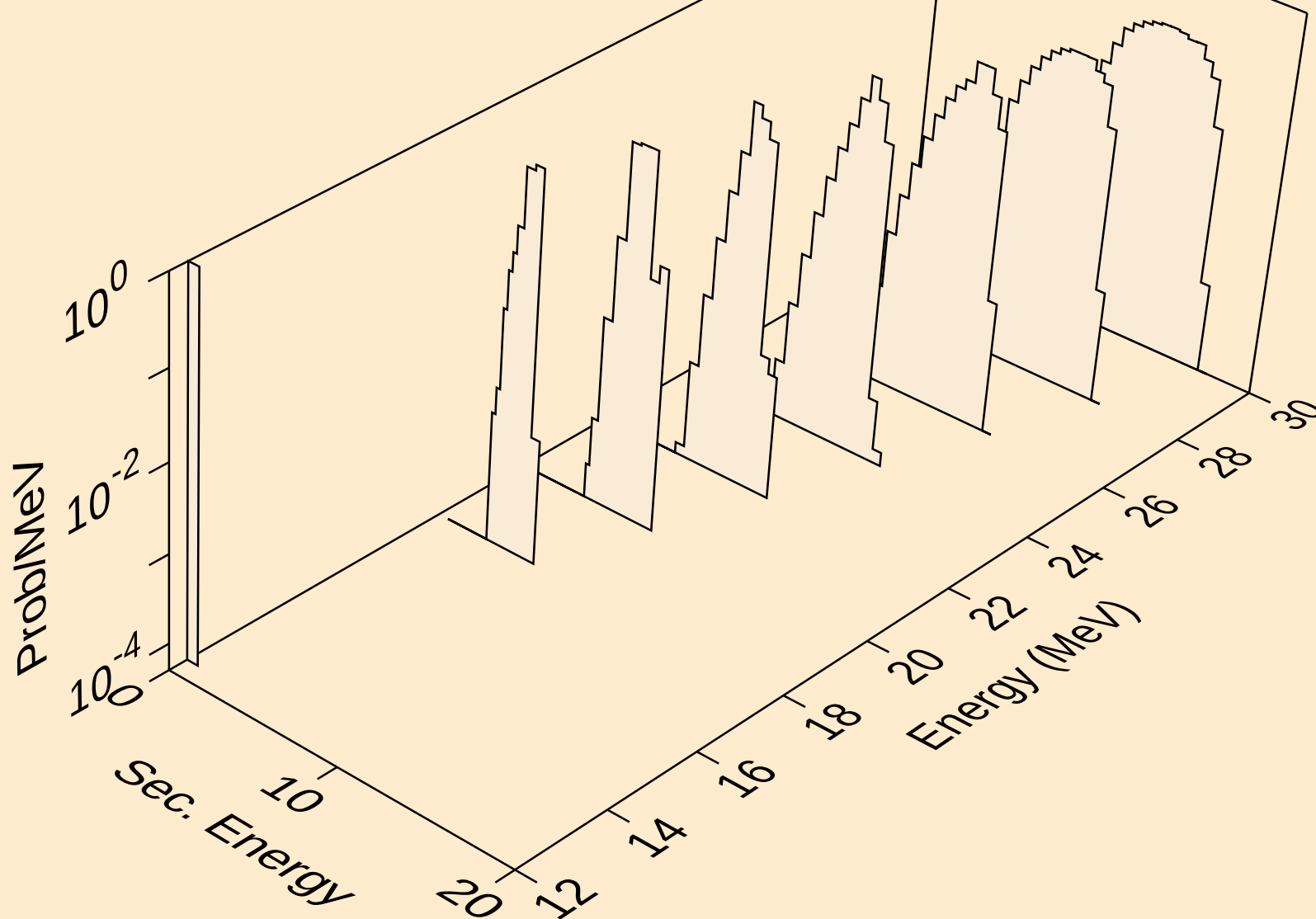
AU199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (a,x)



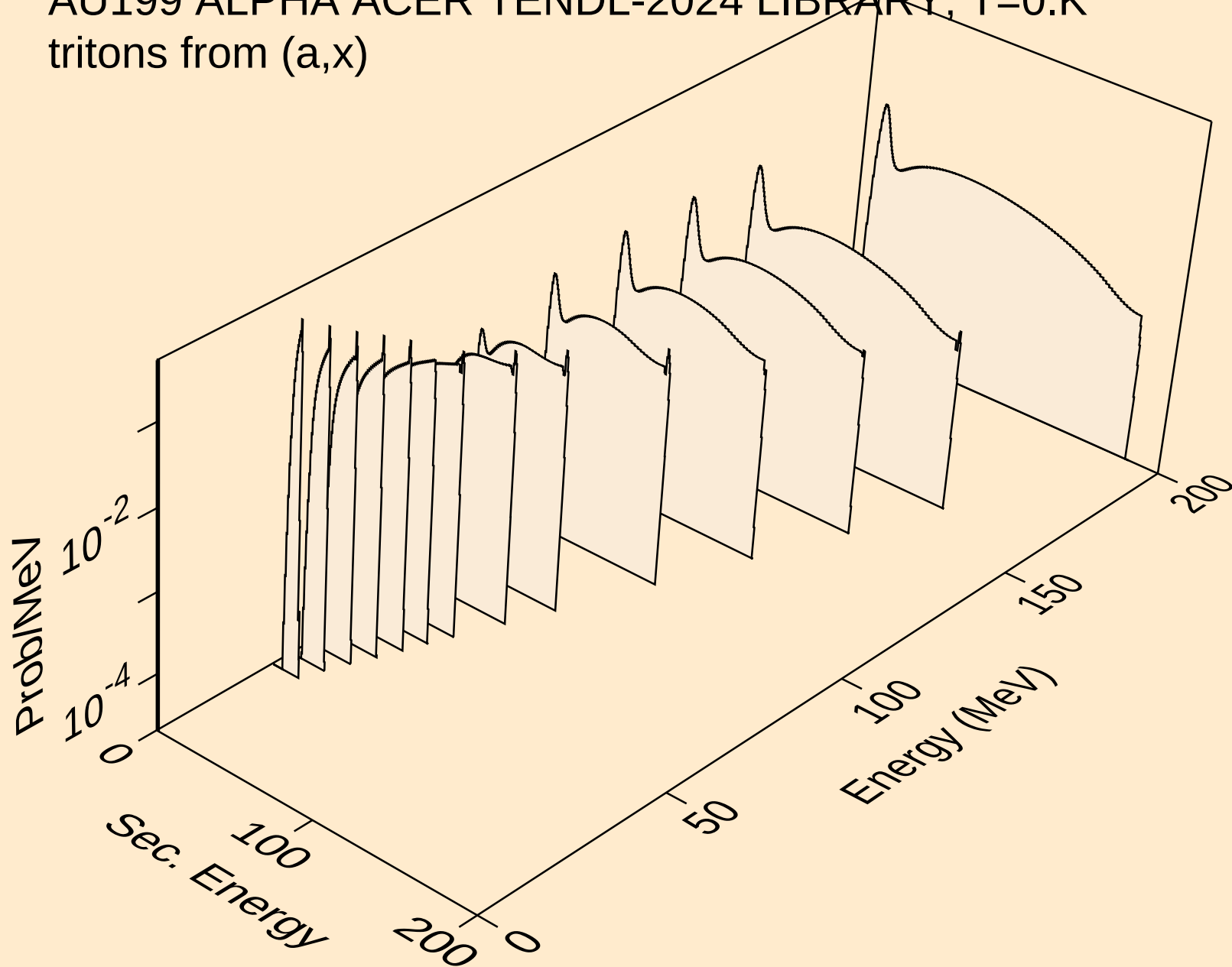
AU199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (a,n\*)d



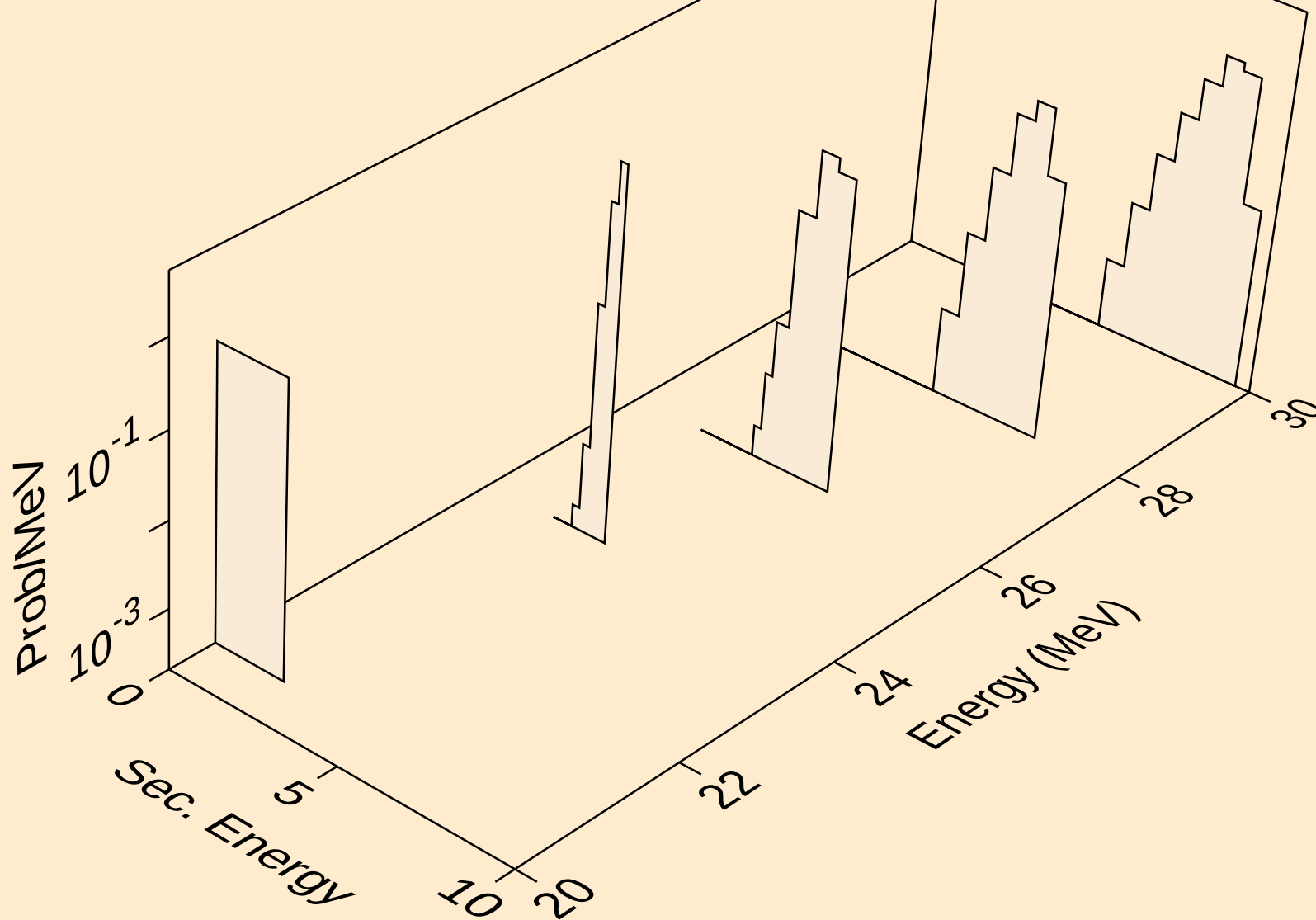
AU199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (a,d)



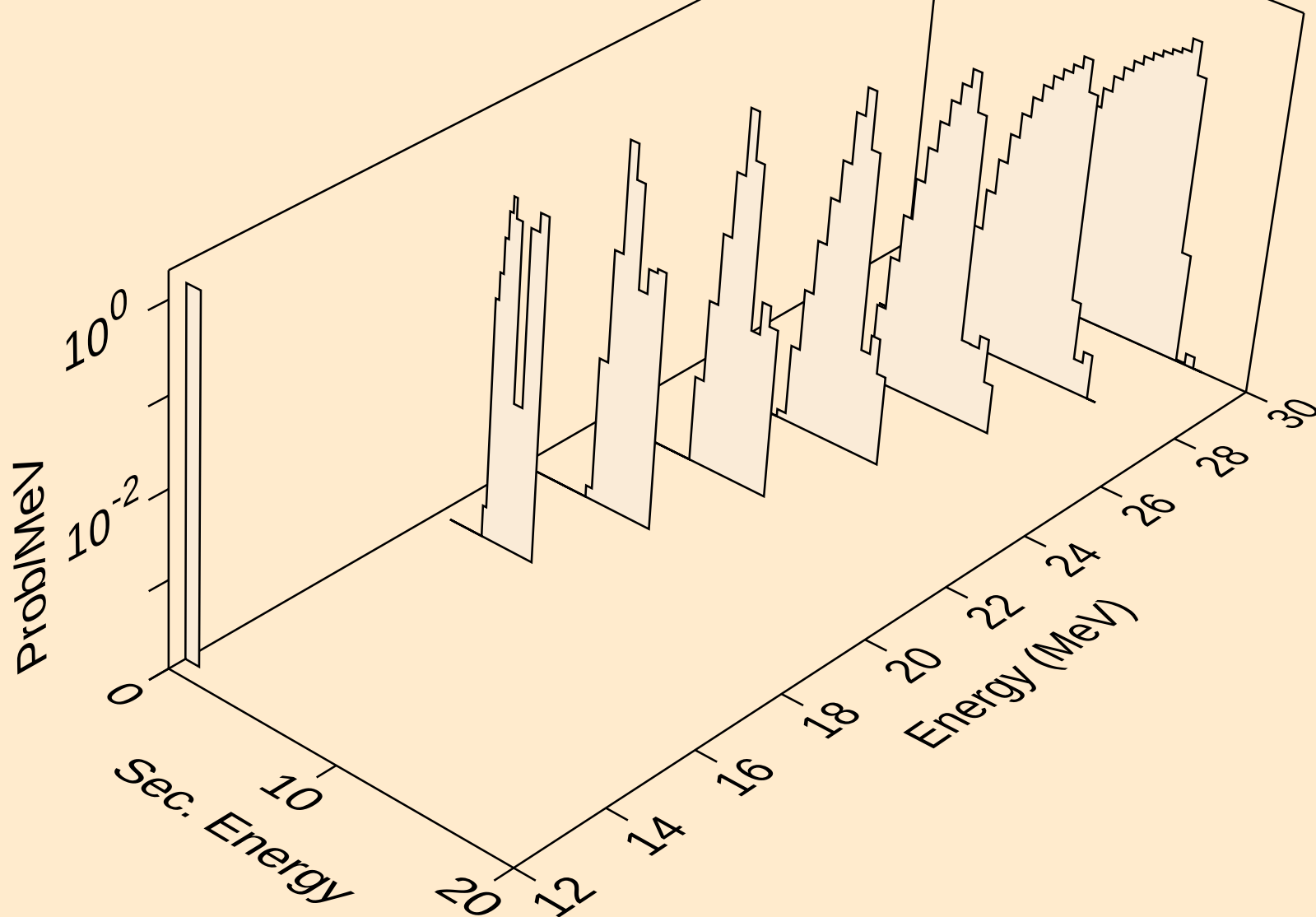
AU199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,x)



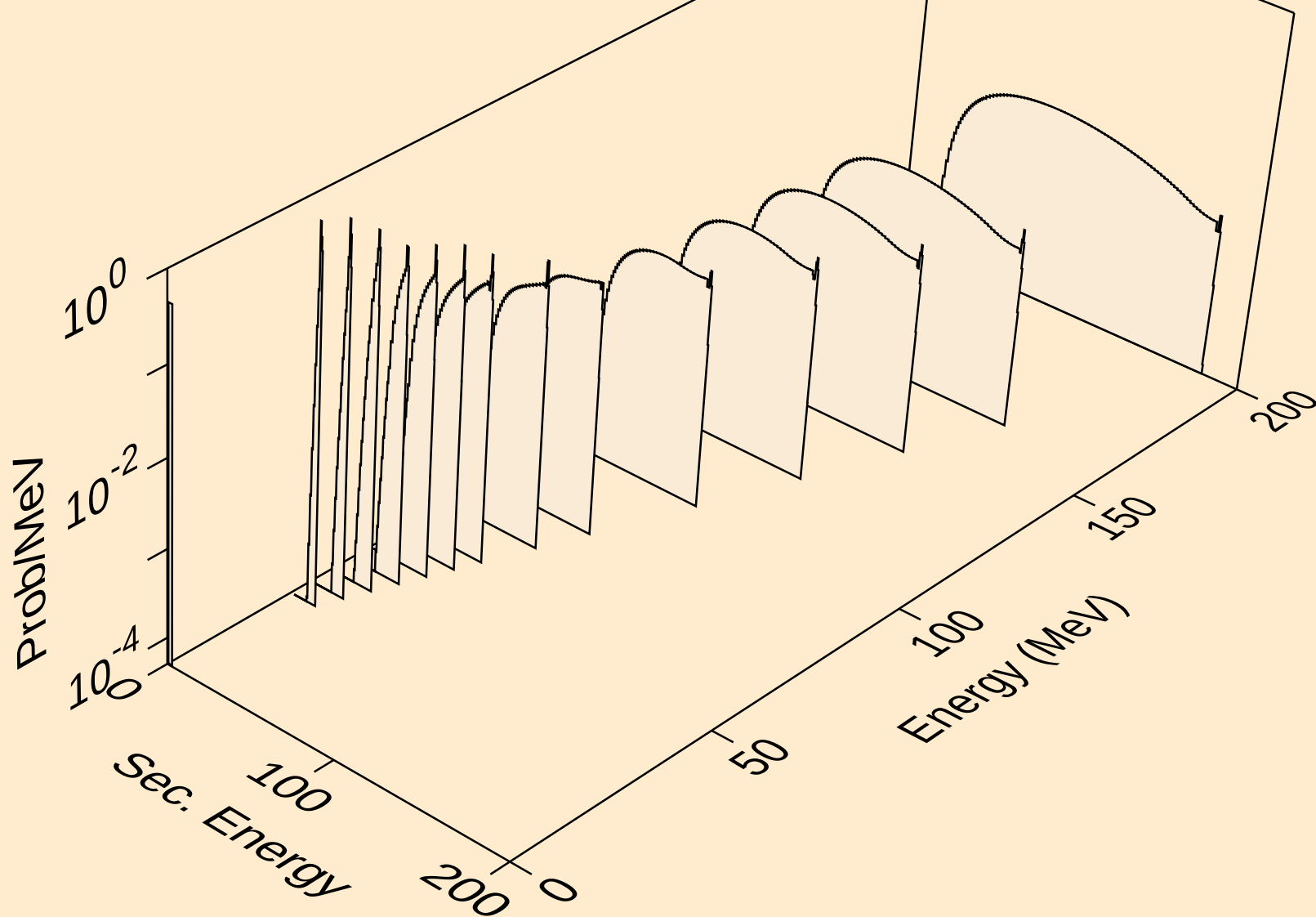
AU199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,n\*)t



AU199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,t)



AU199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (a,x)



AU199 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (a,he3)

