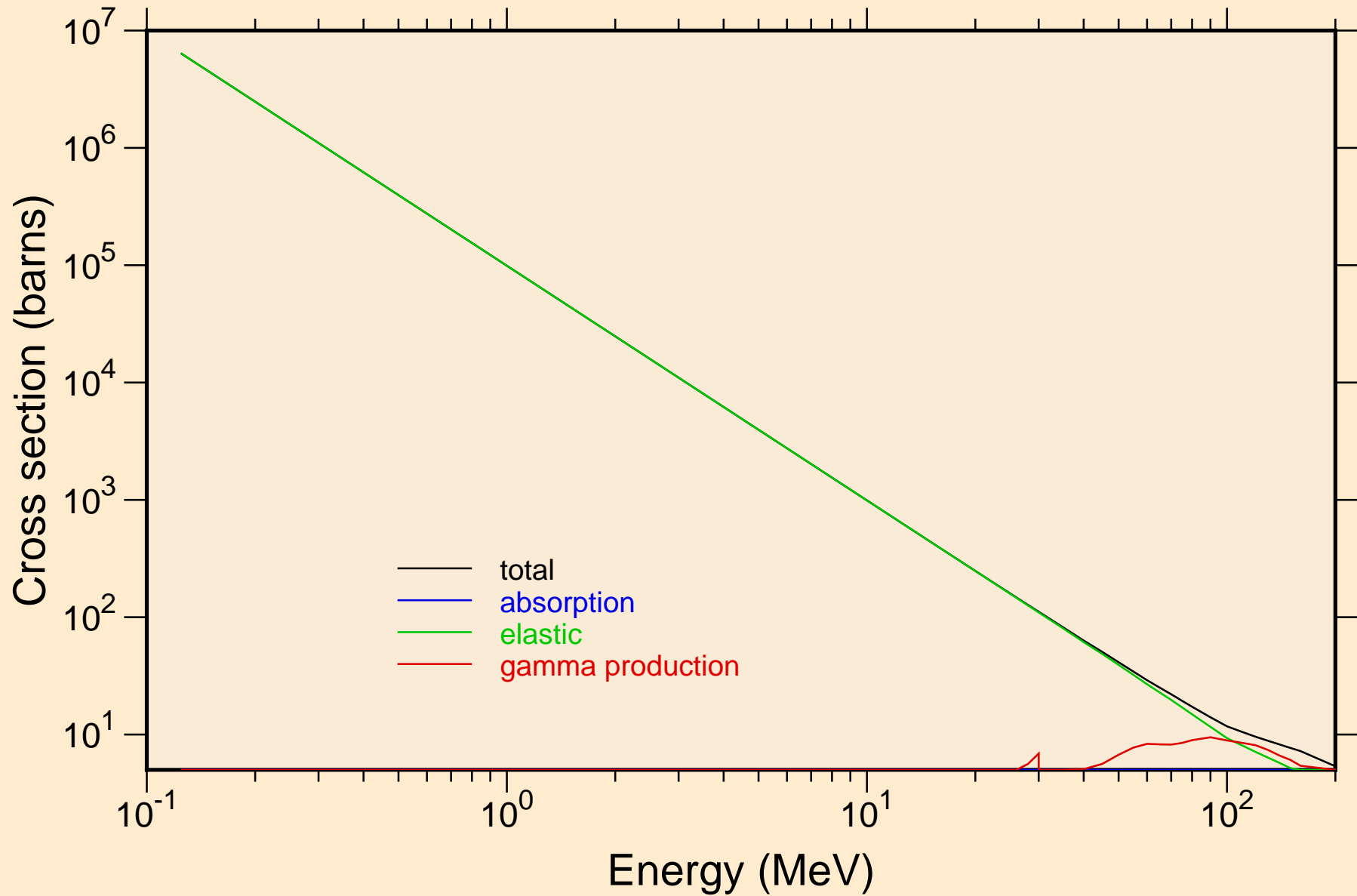


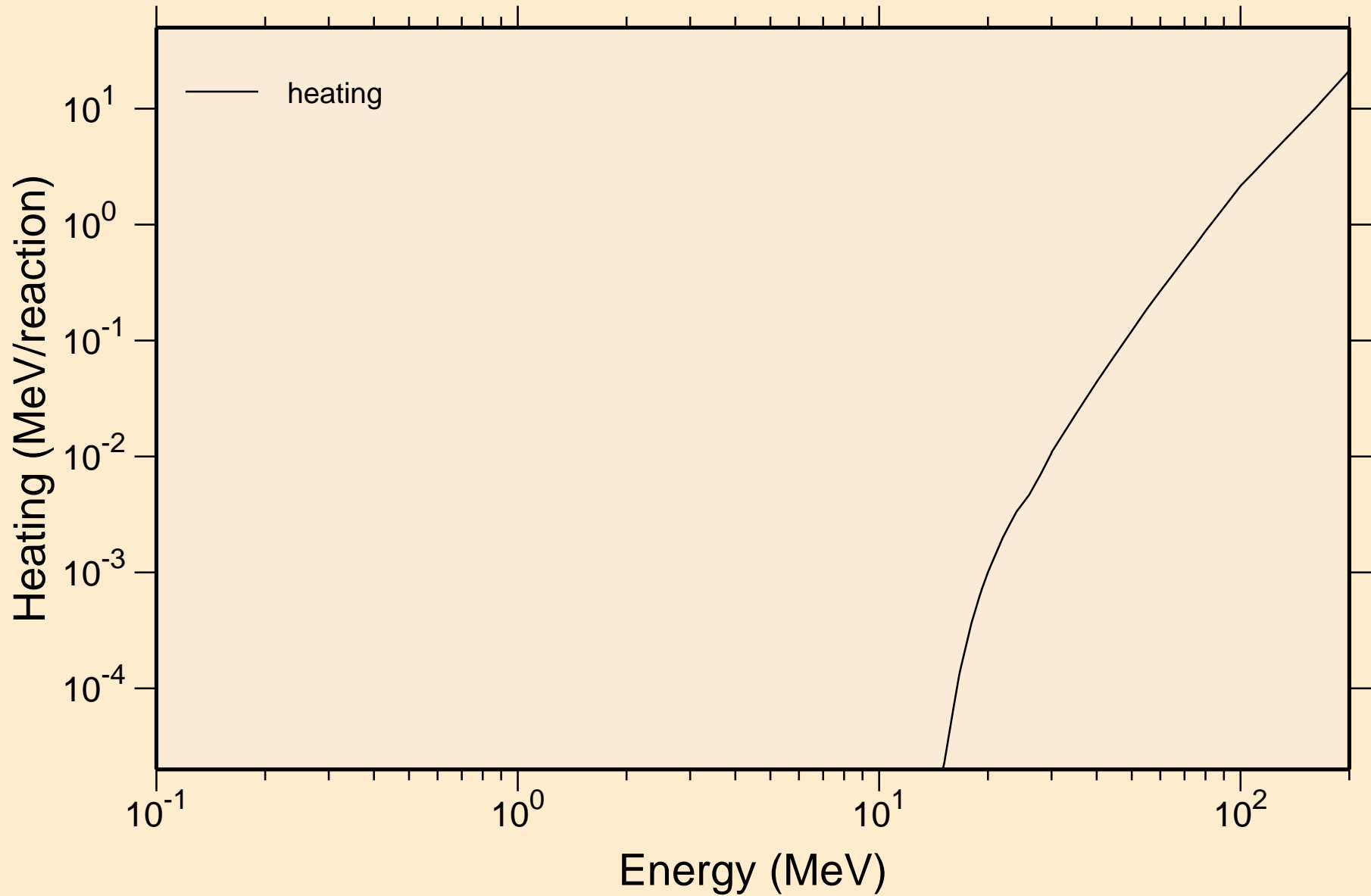
# SM162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



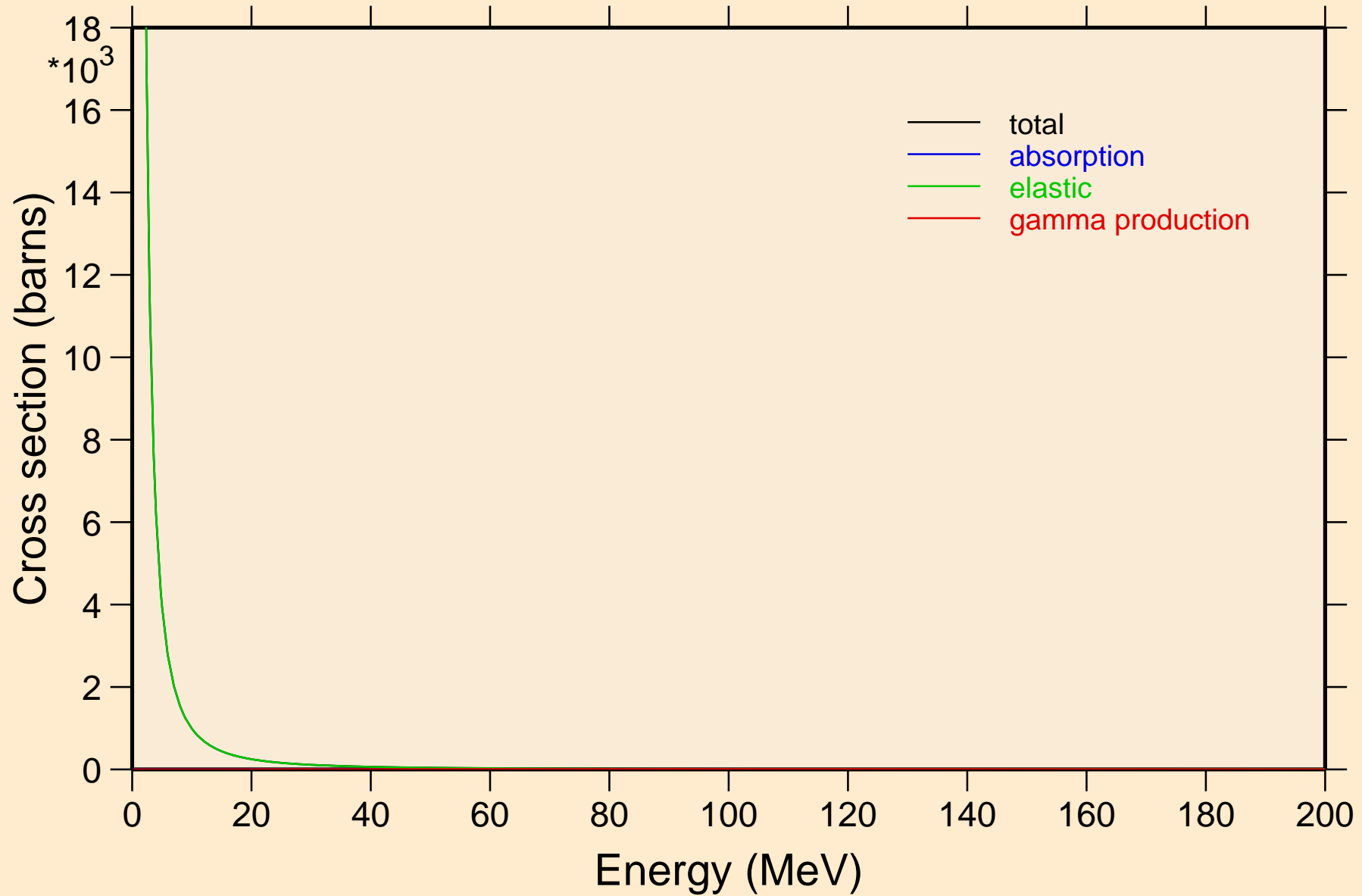
SM162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



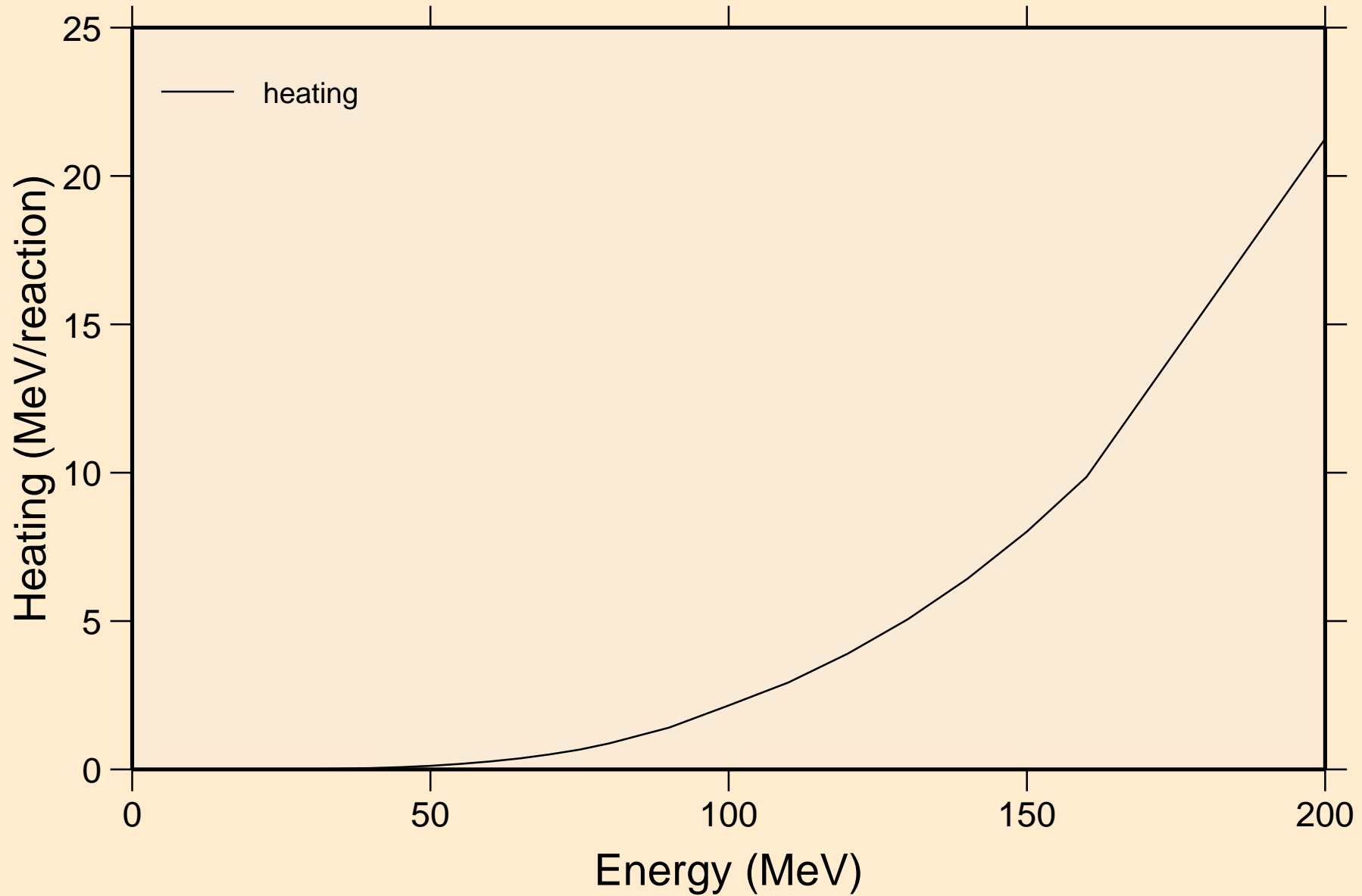
# SM162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

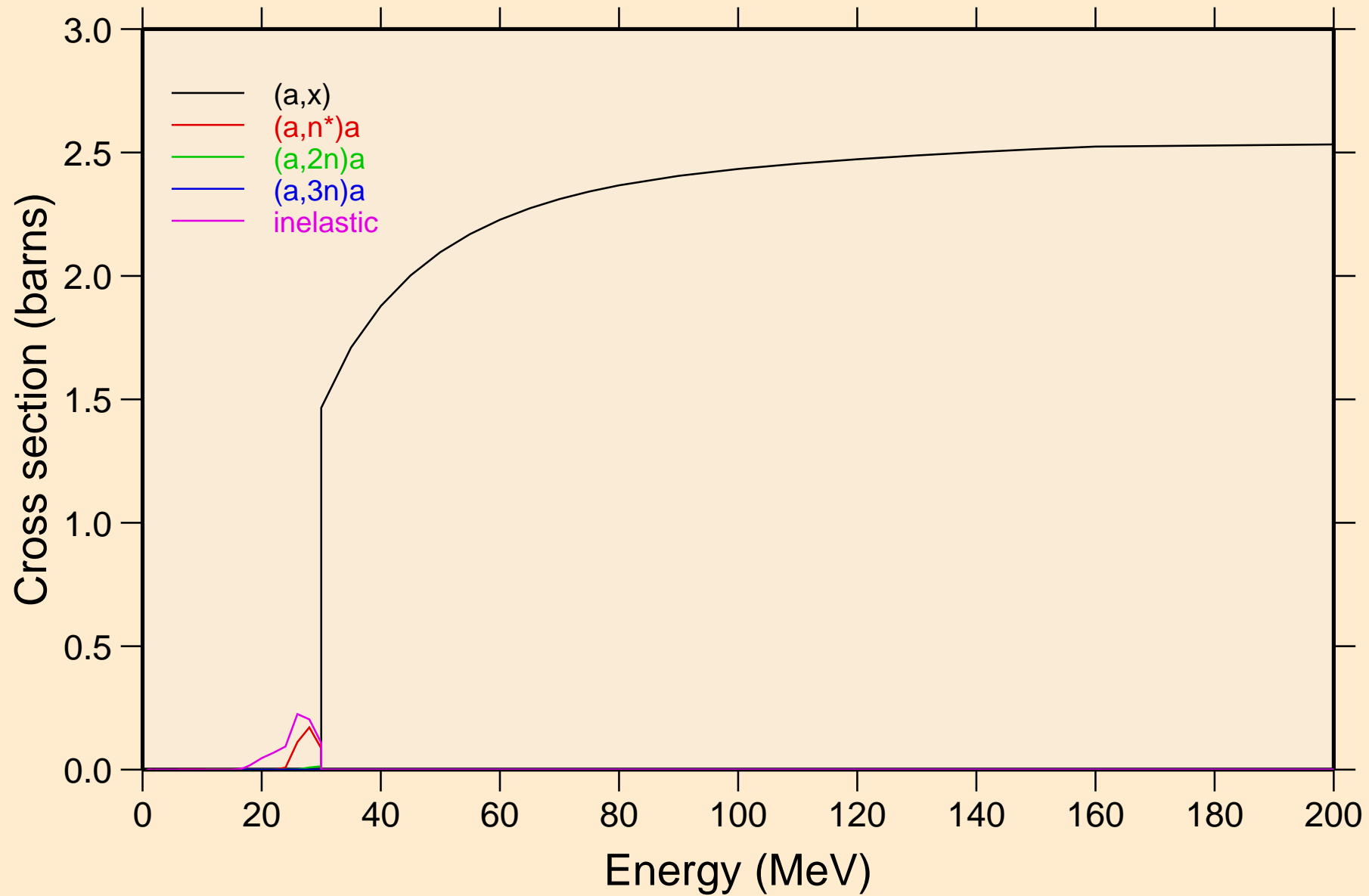


SM162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

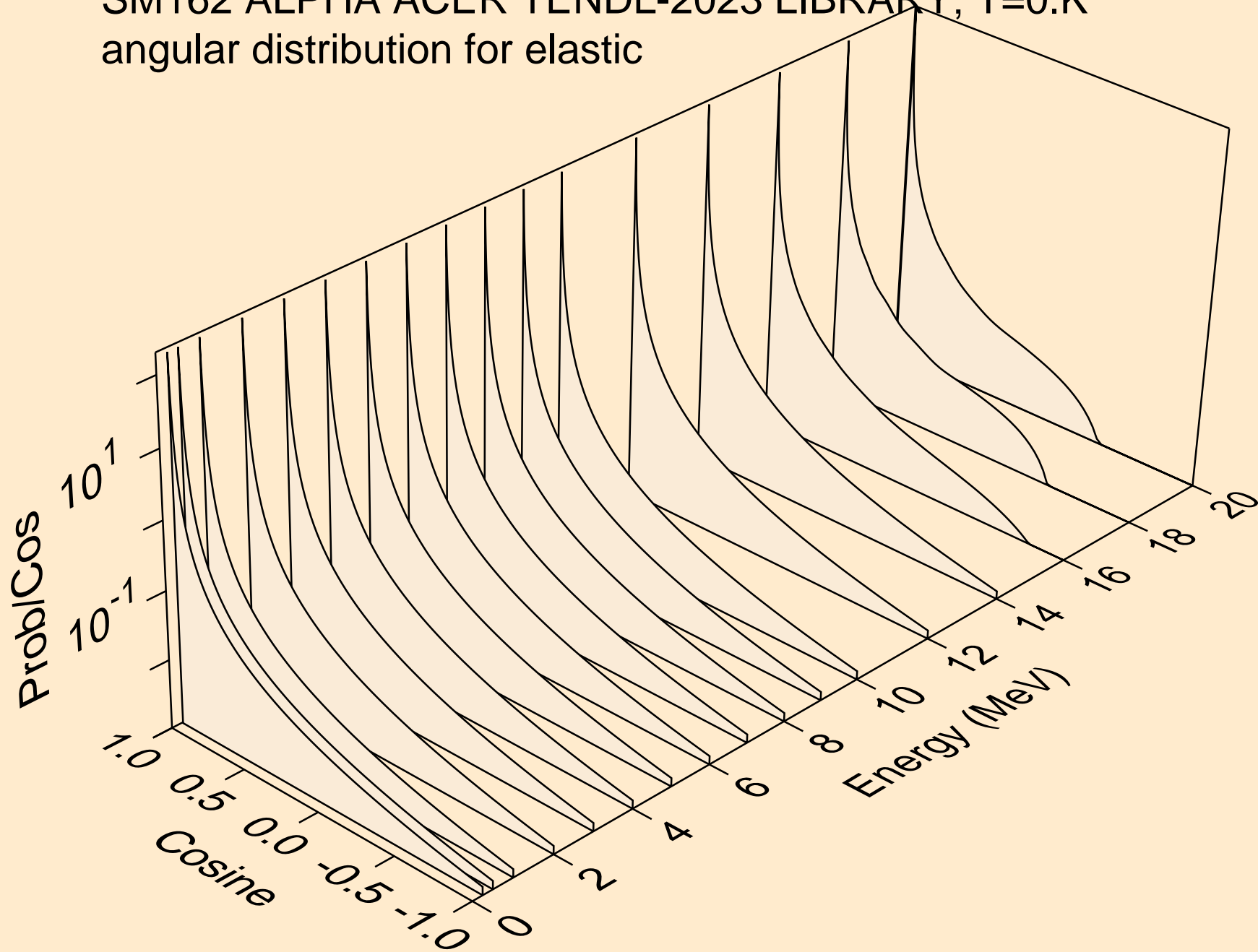
Heating



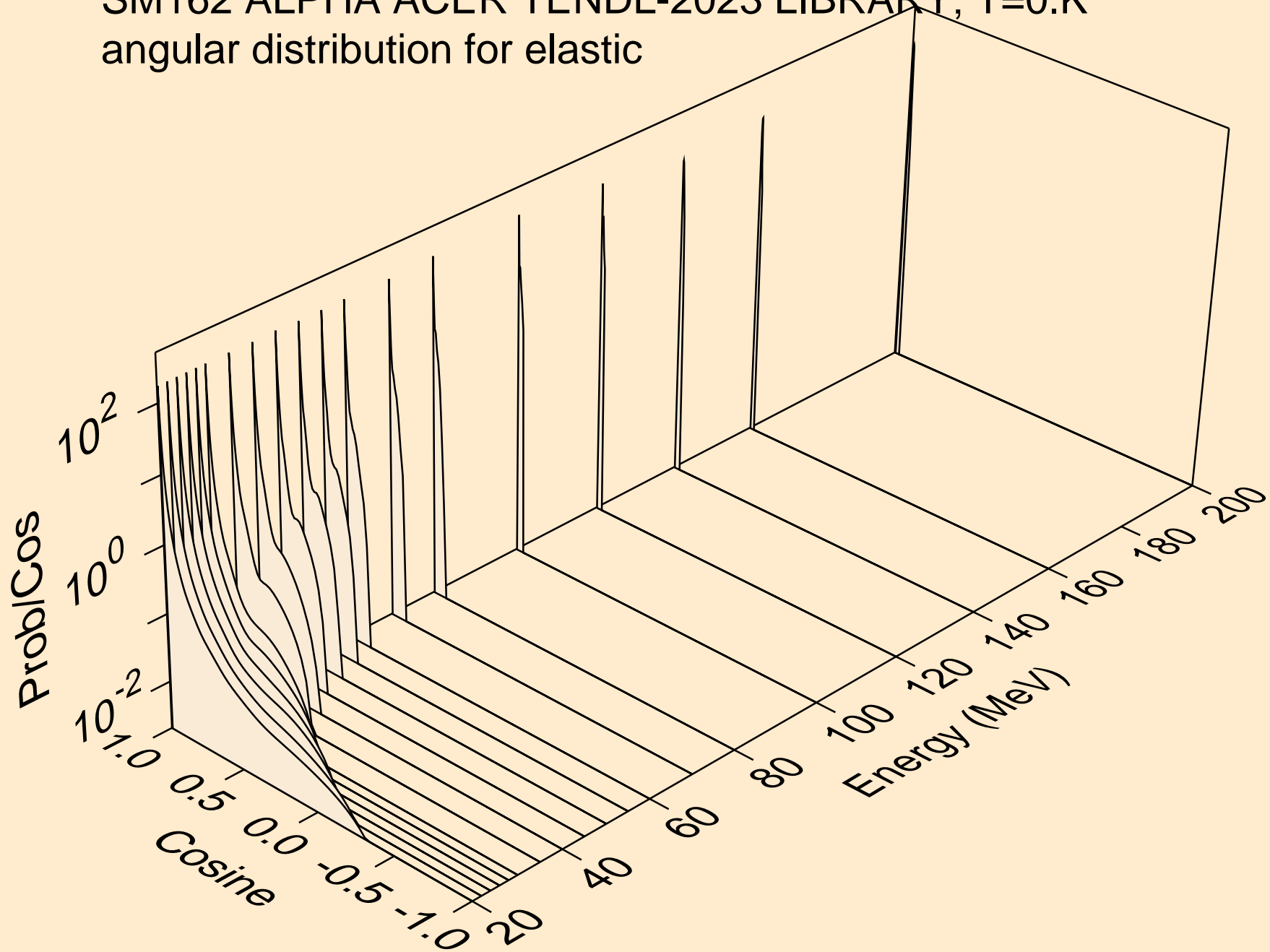
SM162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



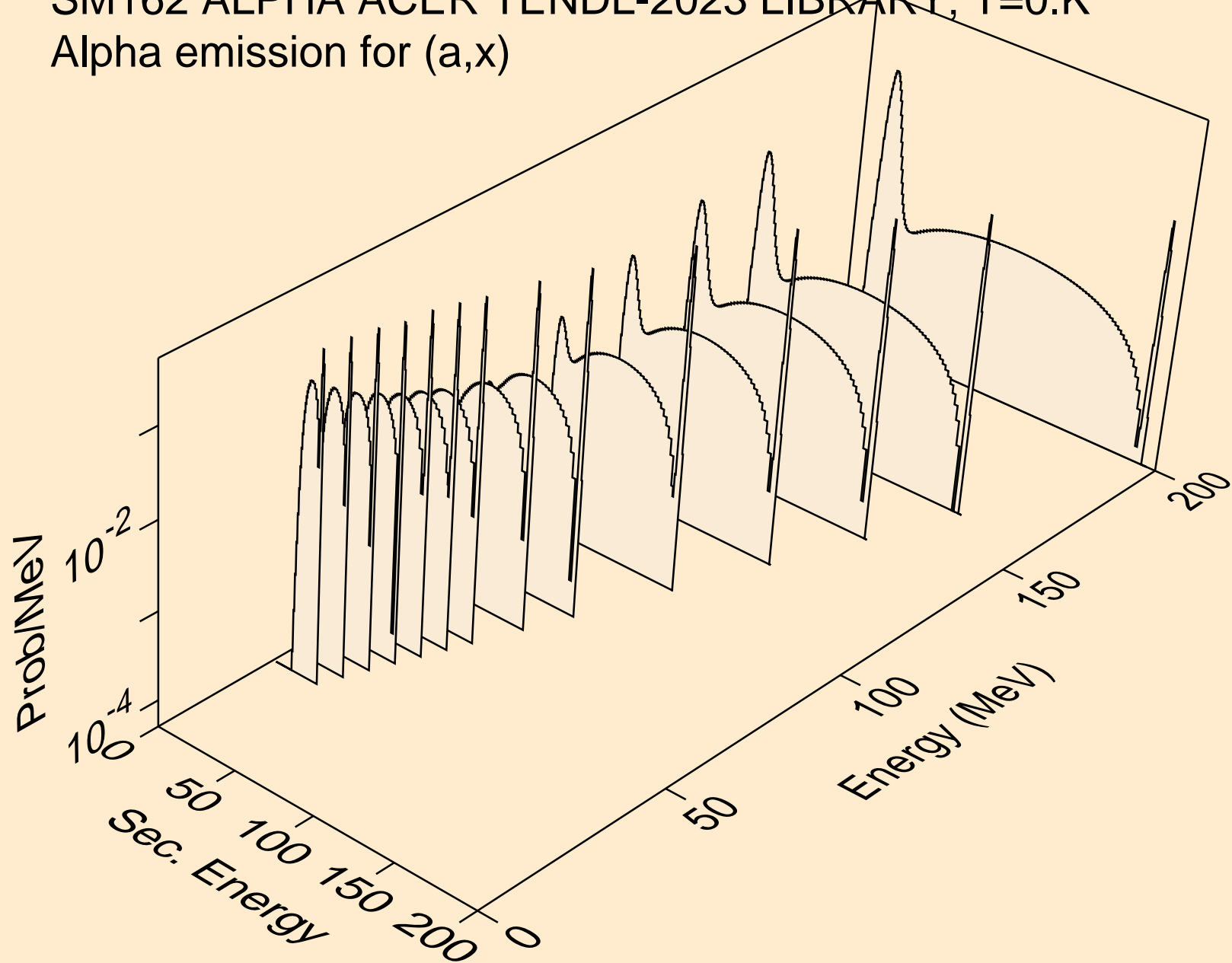
SM162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



SM162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

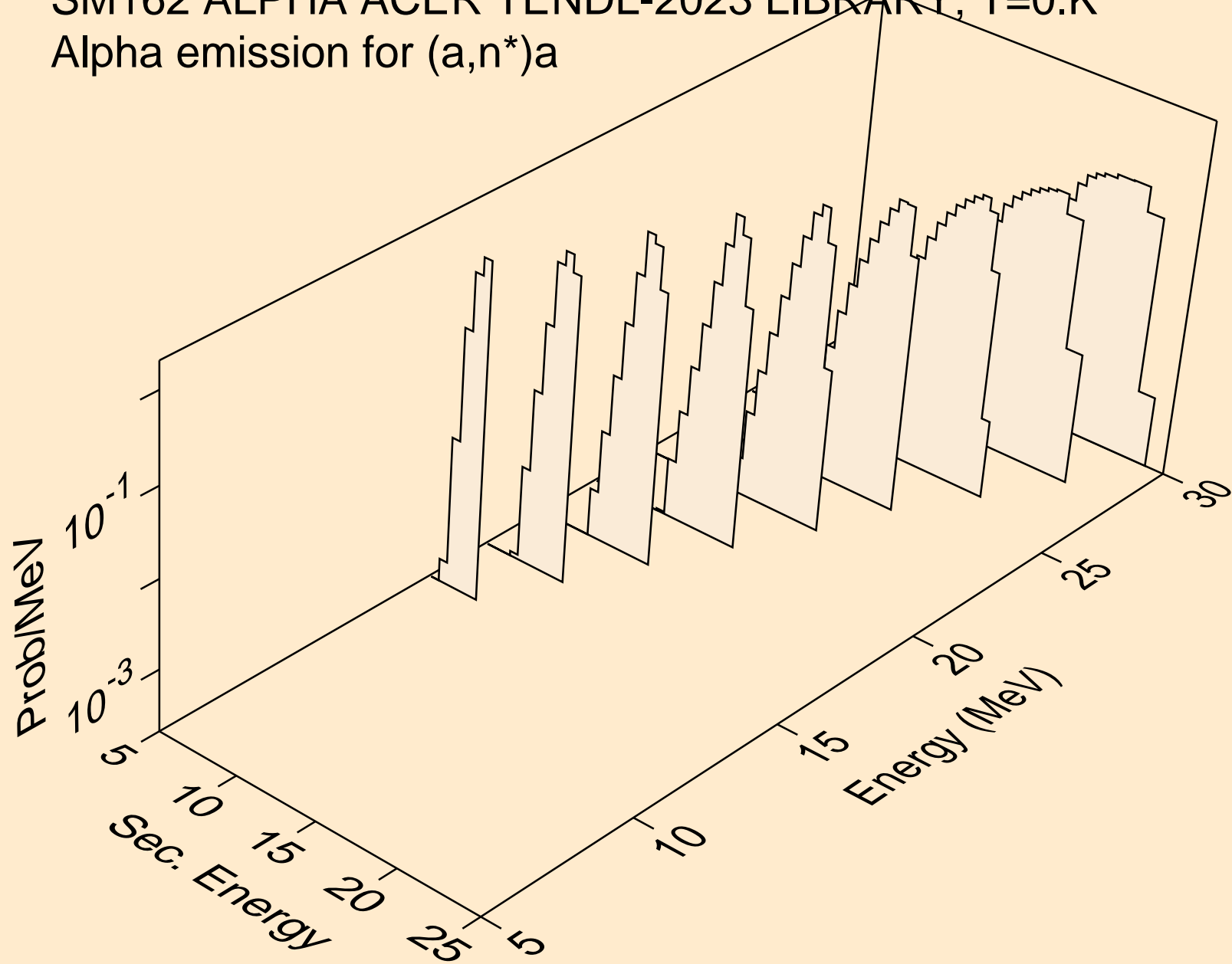


SM162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,x)

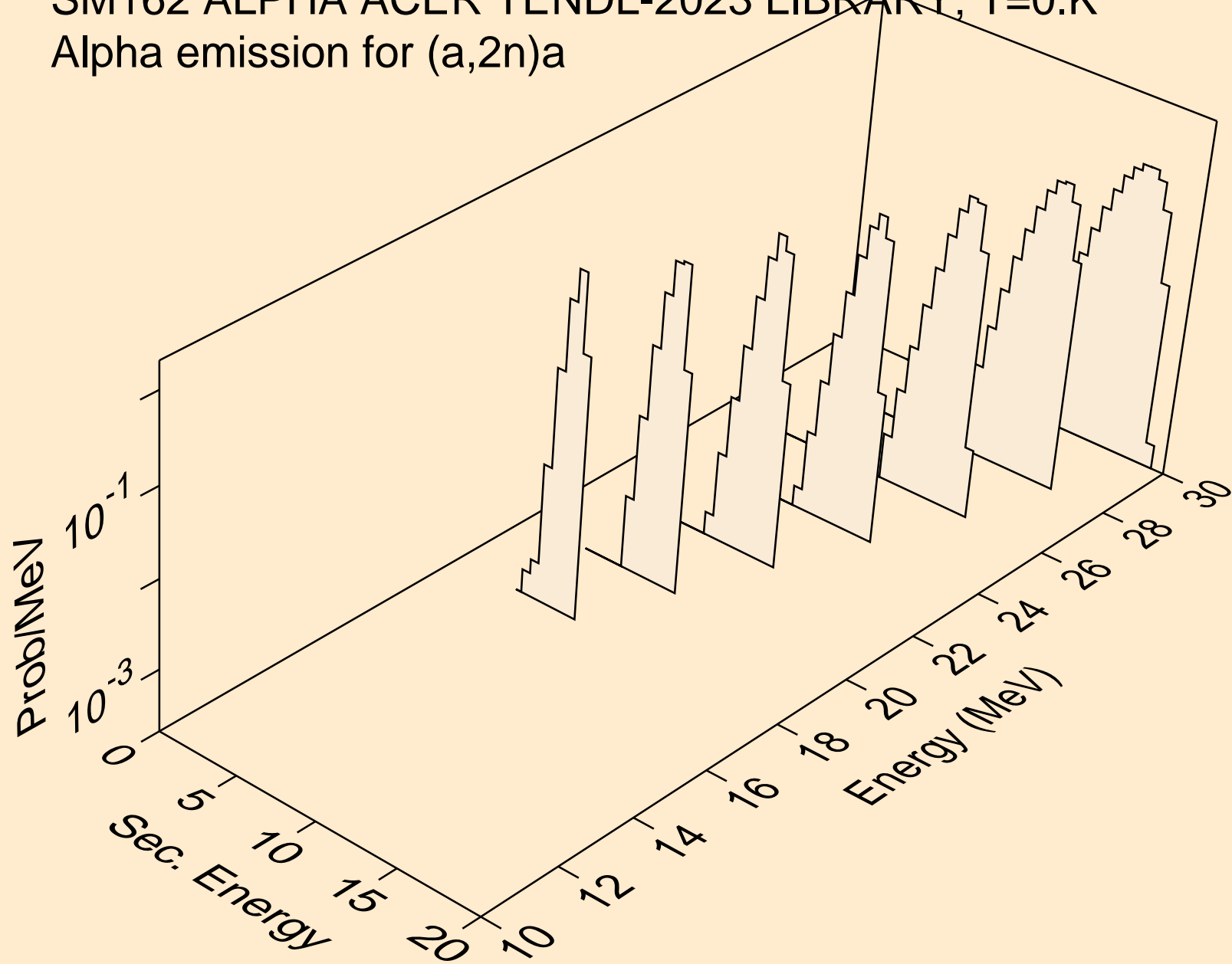




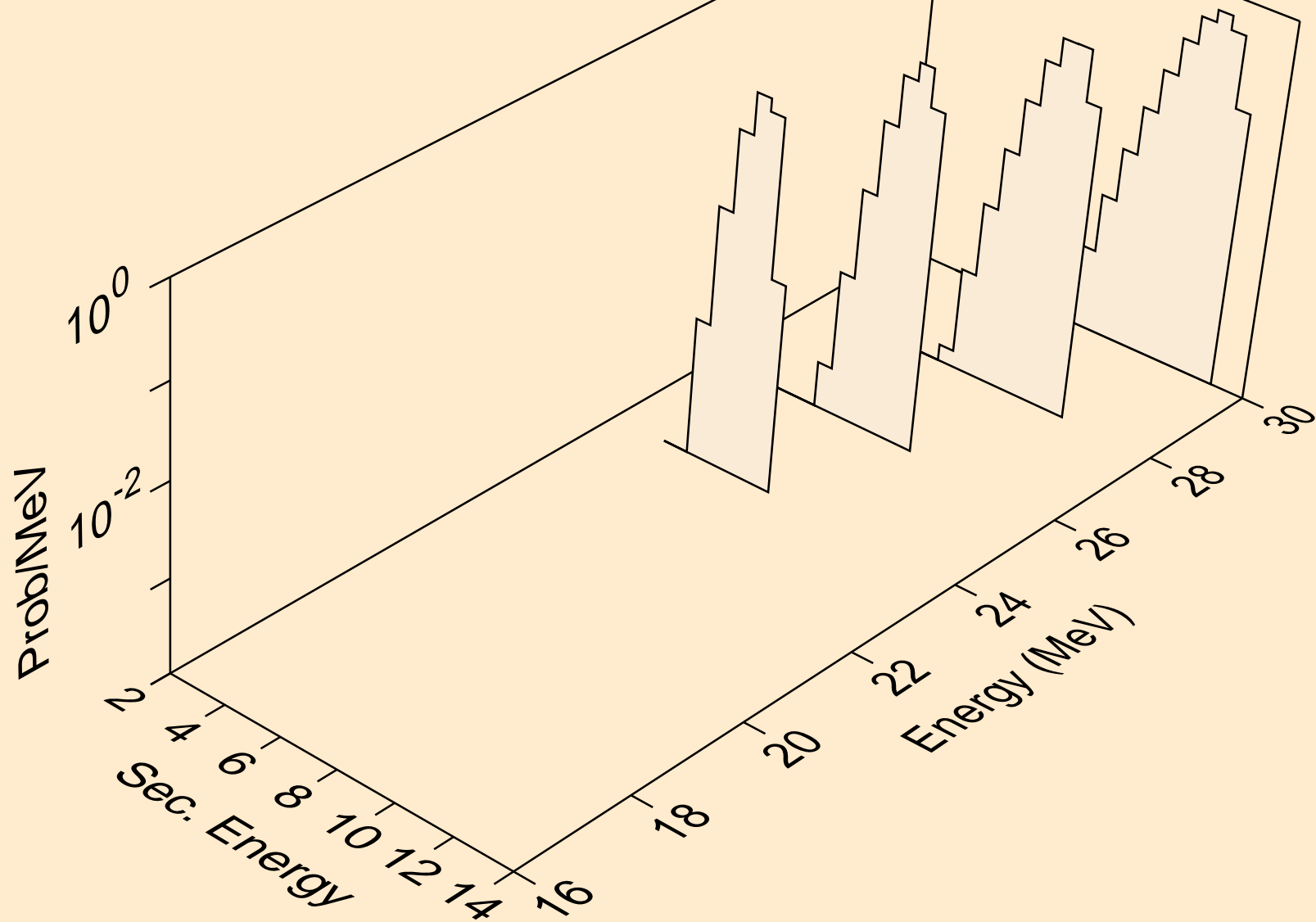
SM162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



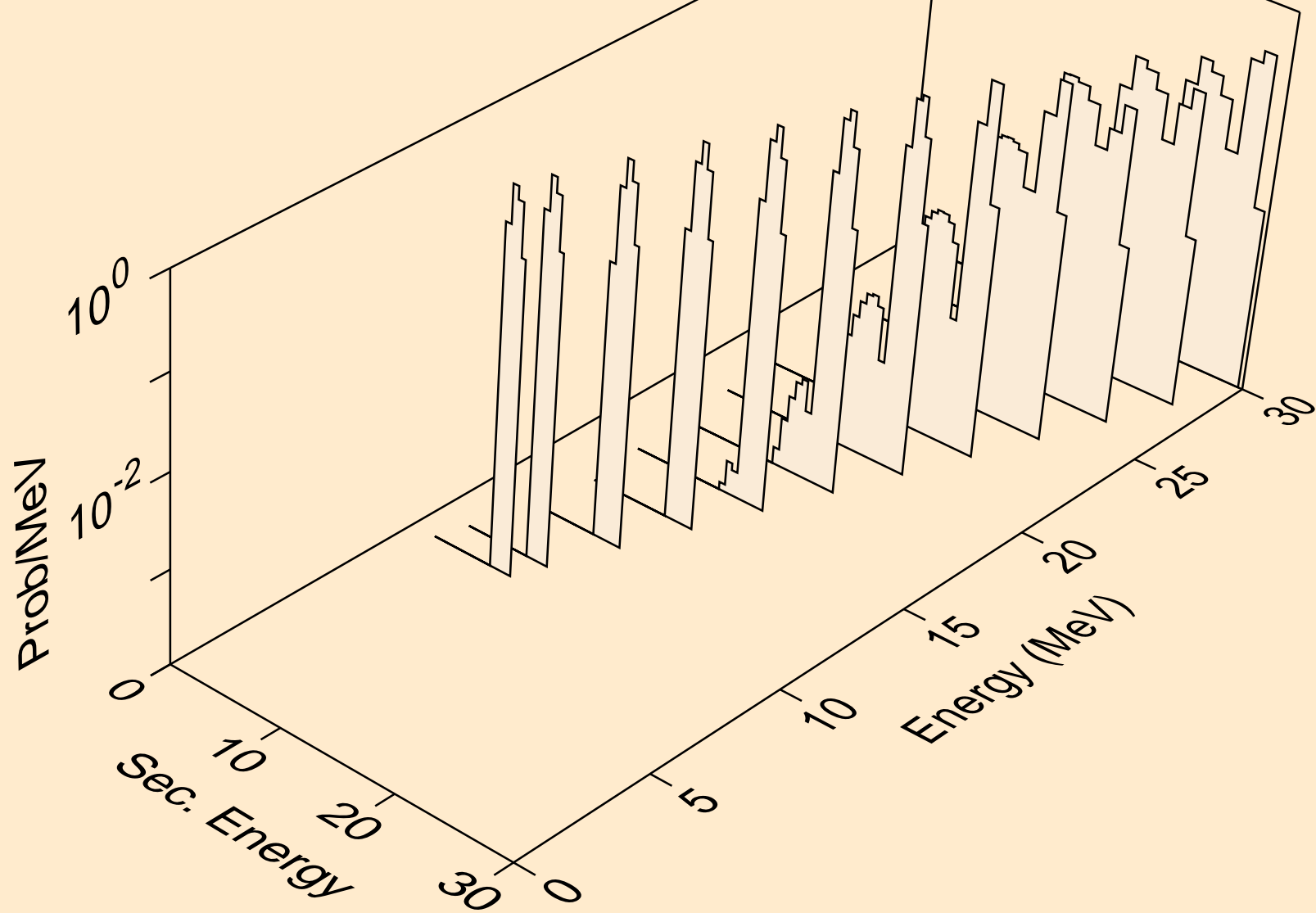
SM162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



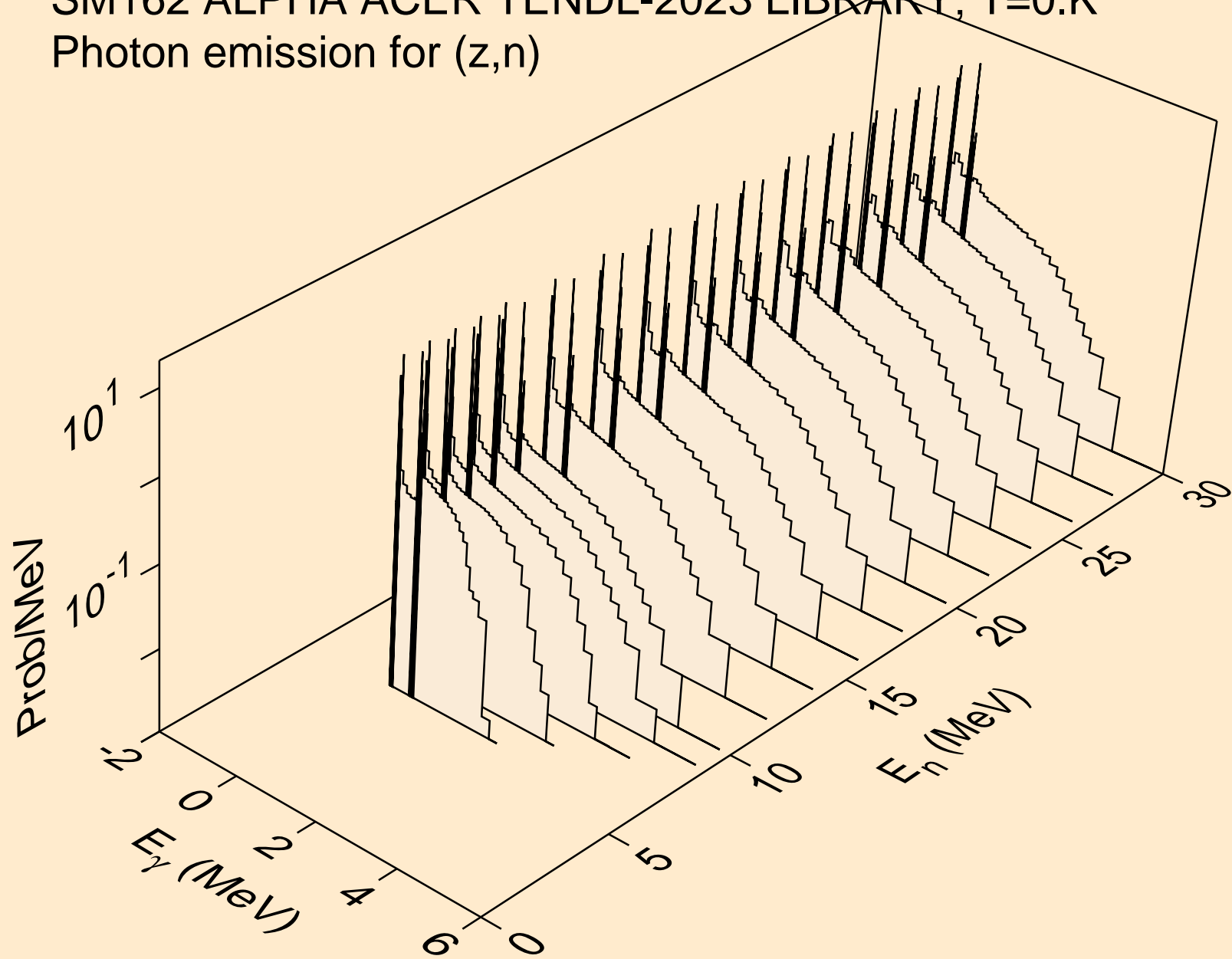
SM162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,3n)a



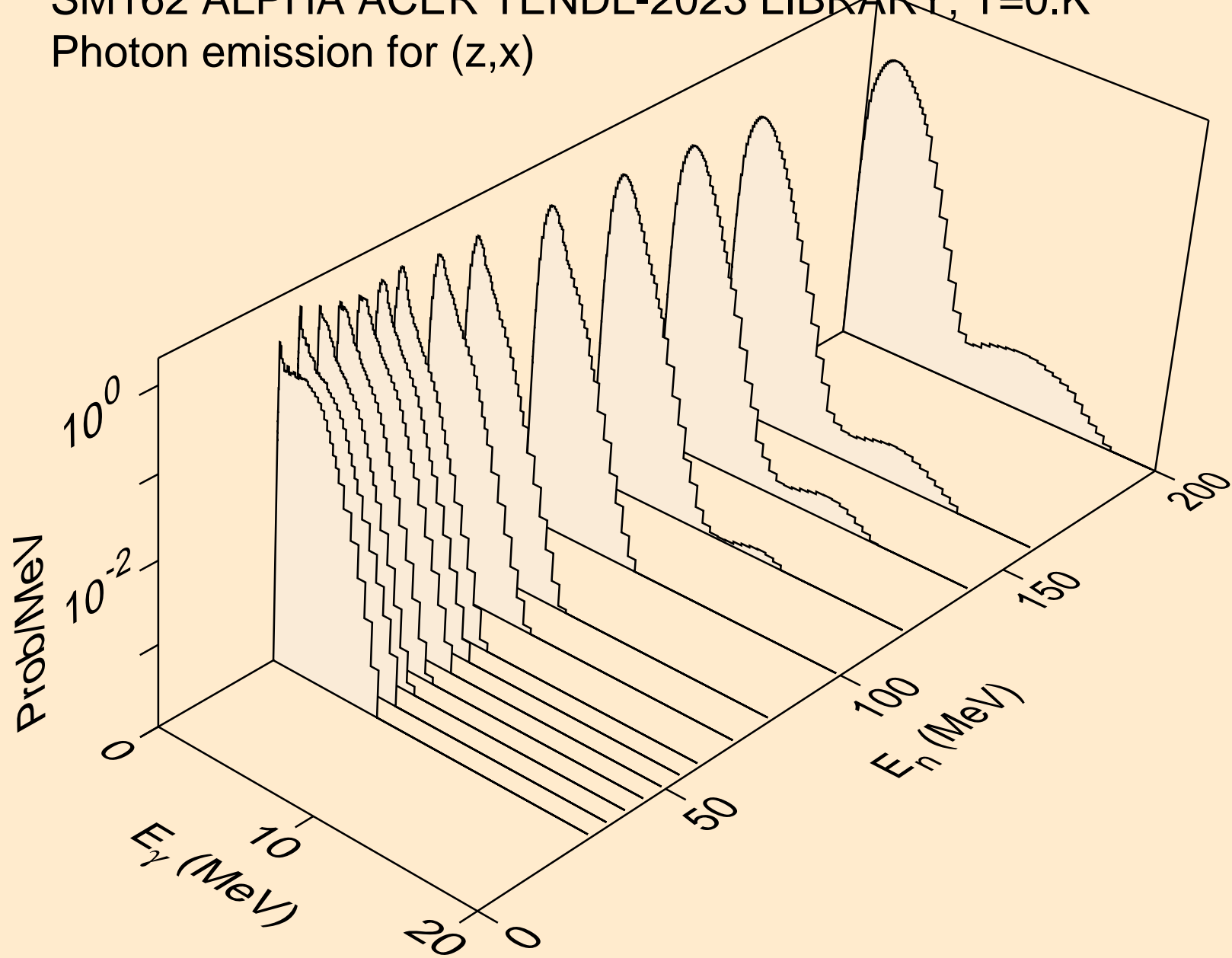
SM162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic



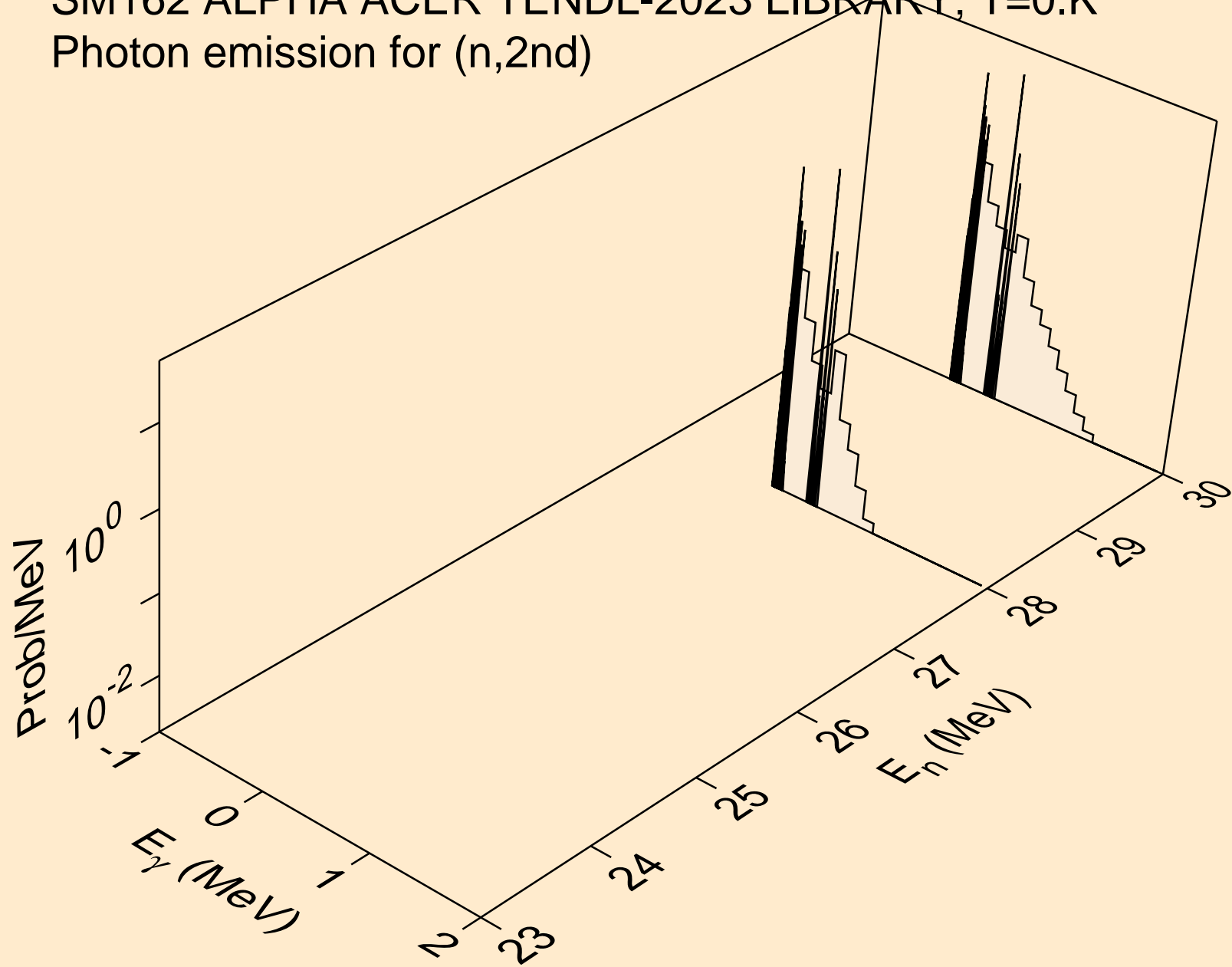
SM162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



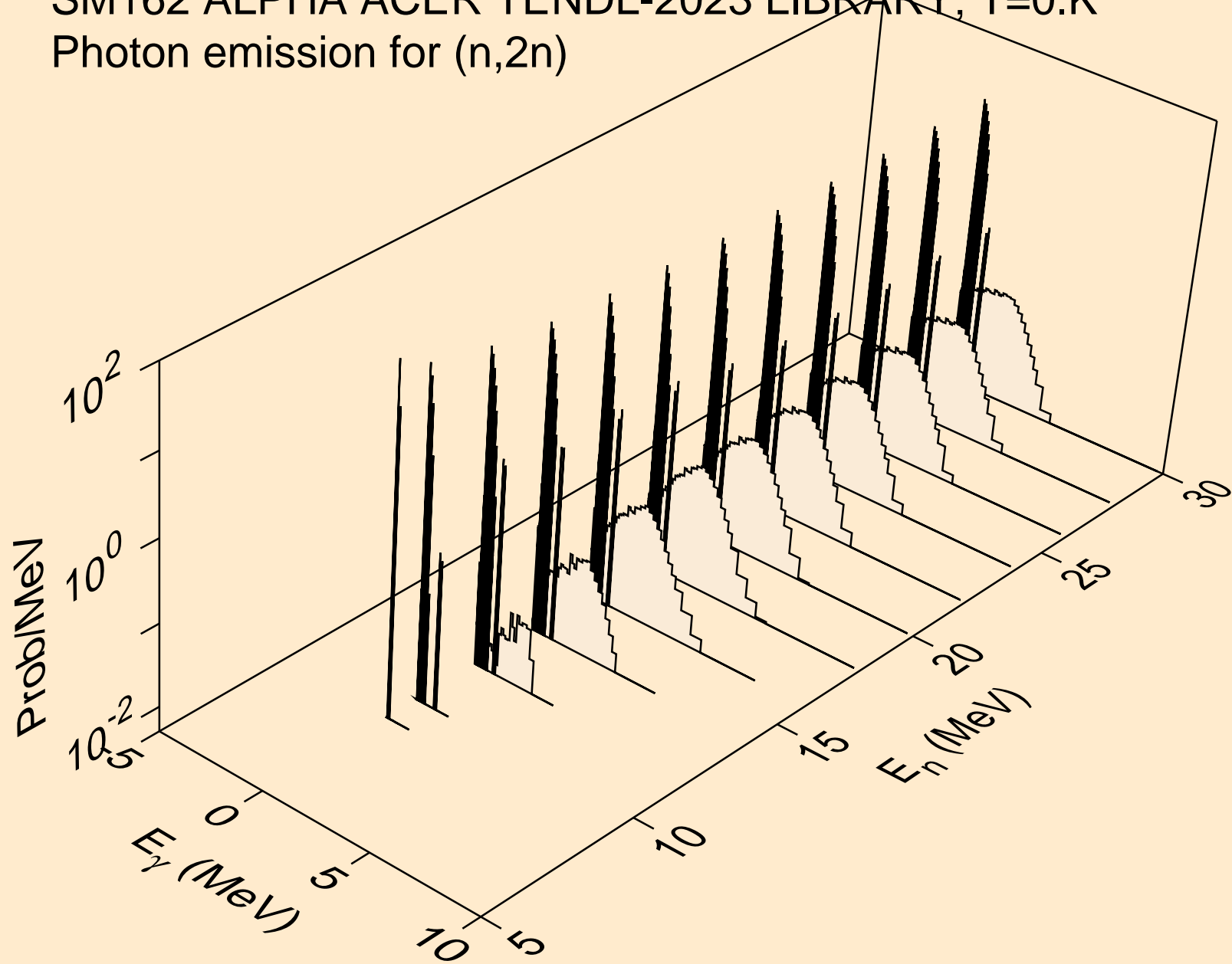
SM162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



SM162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)

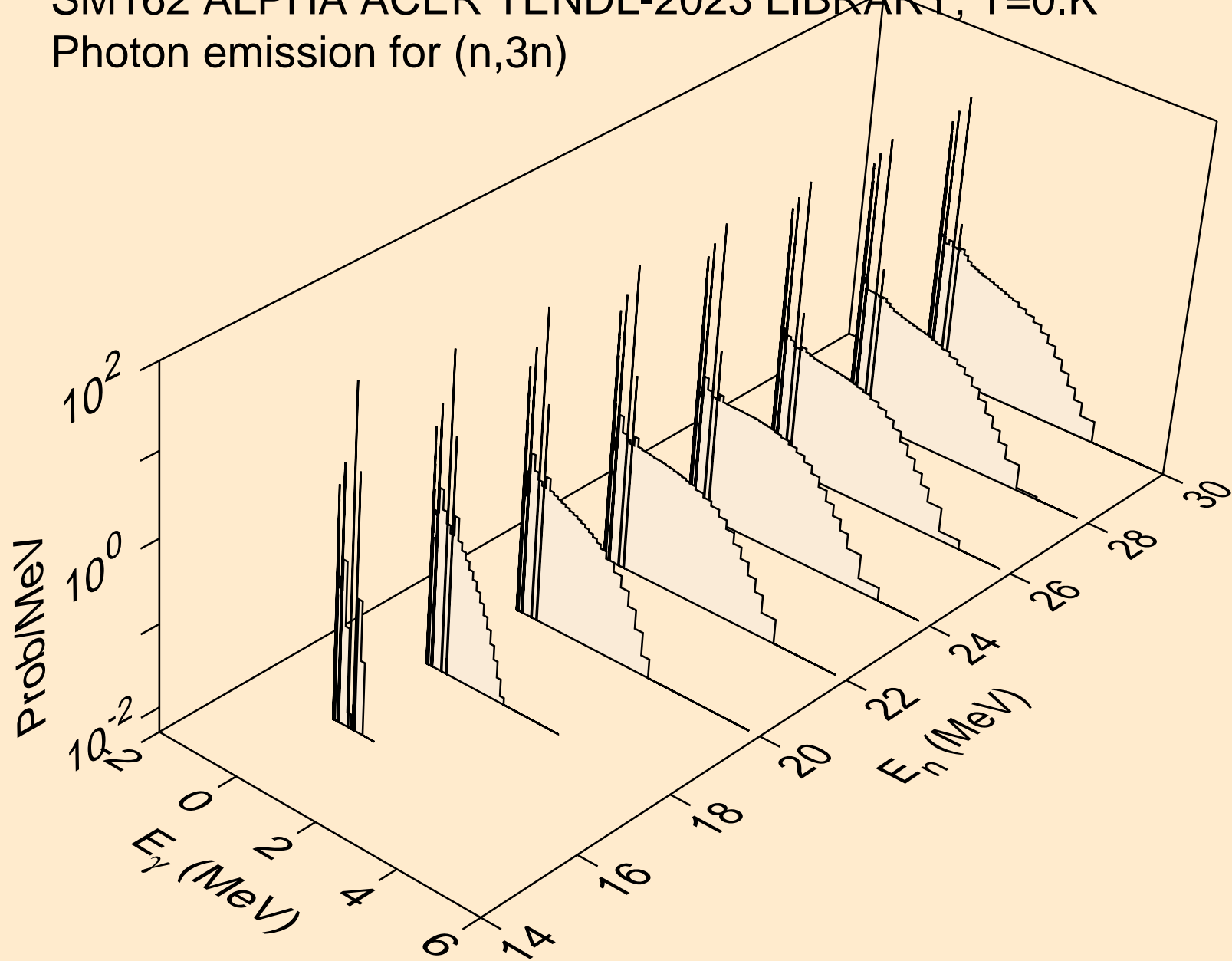


SM162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)

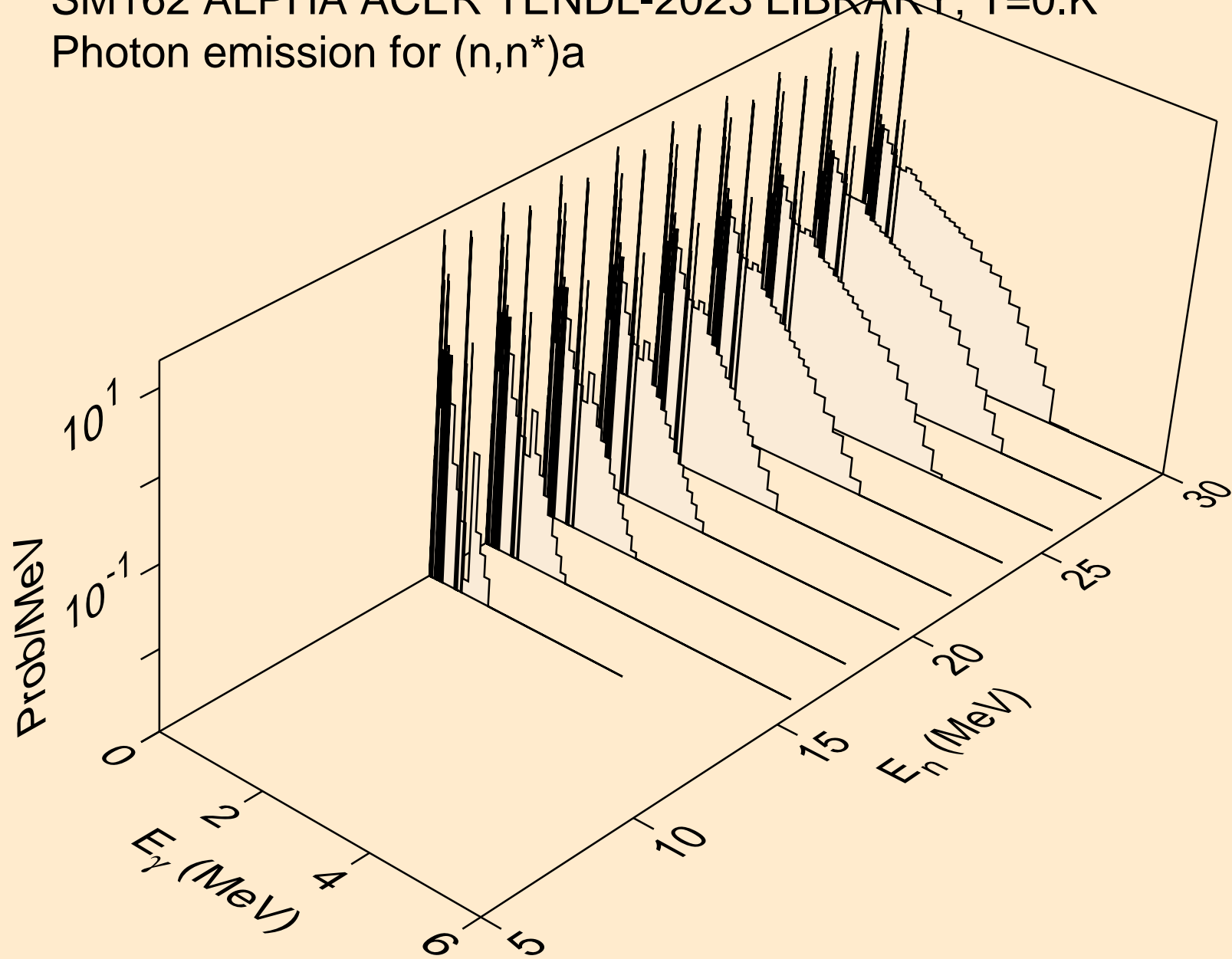




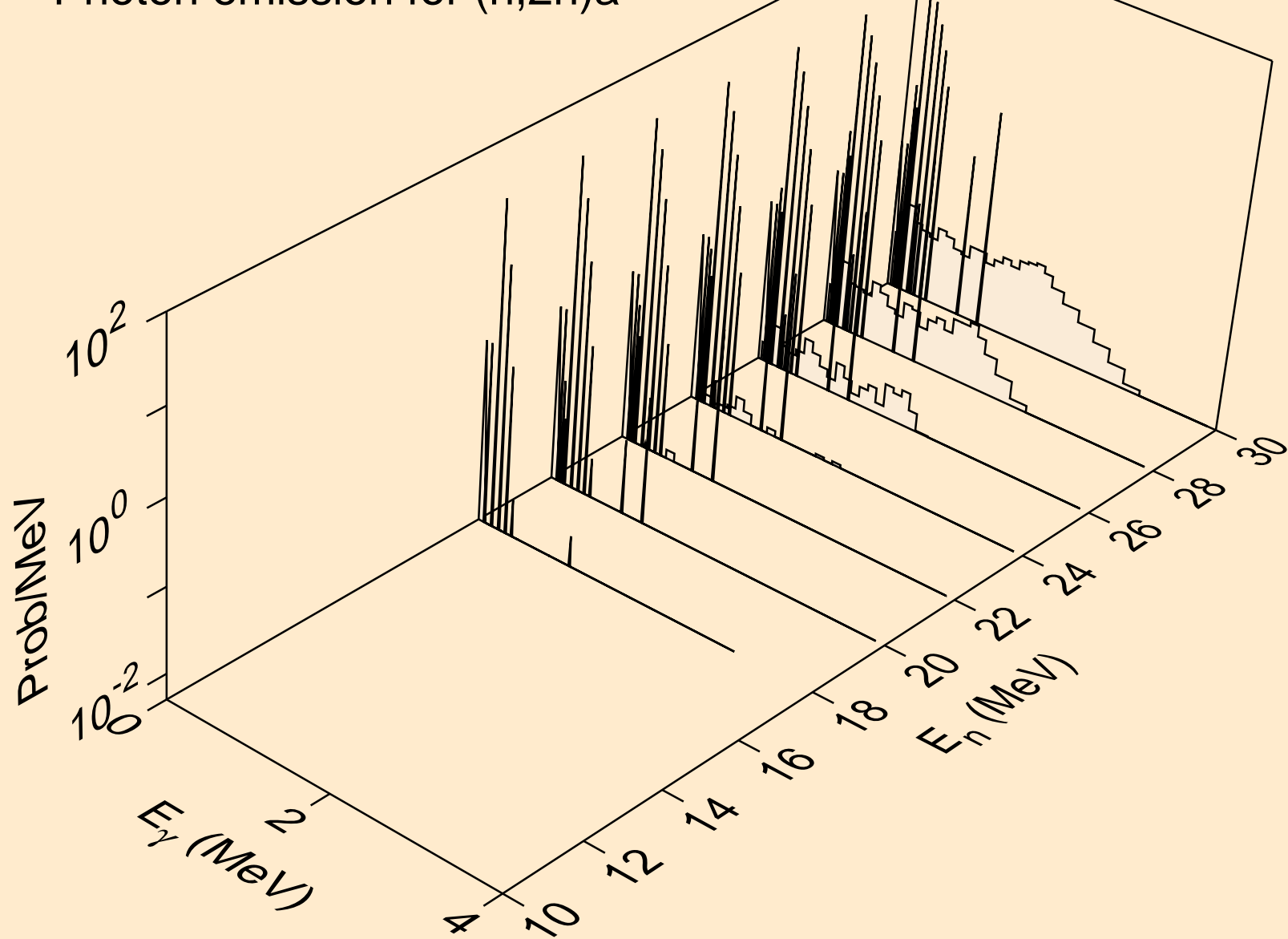
SM162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



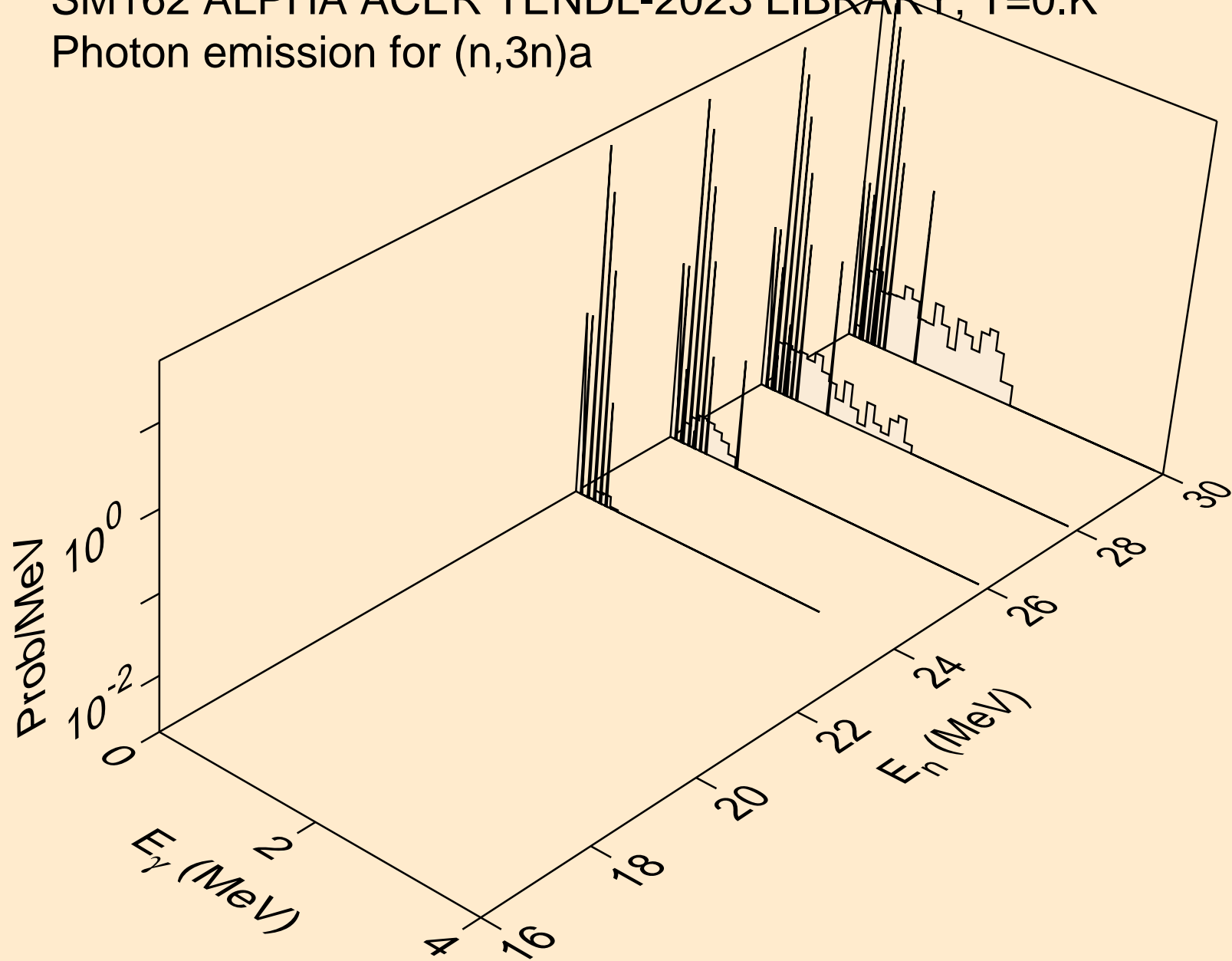
SM162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



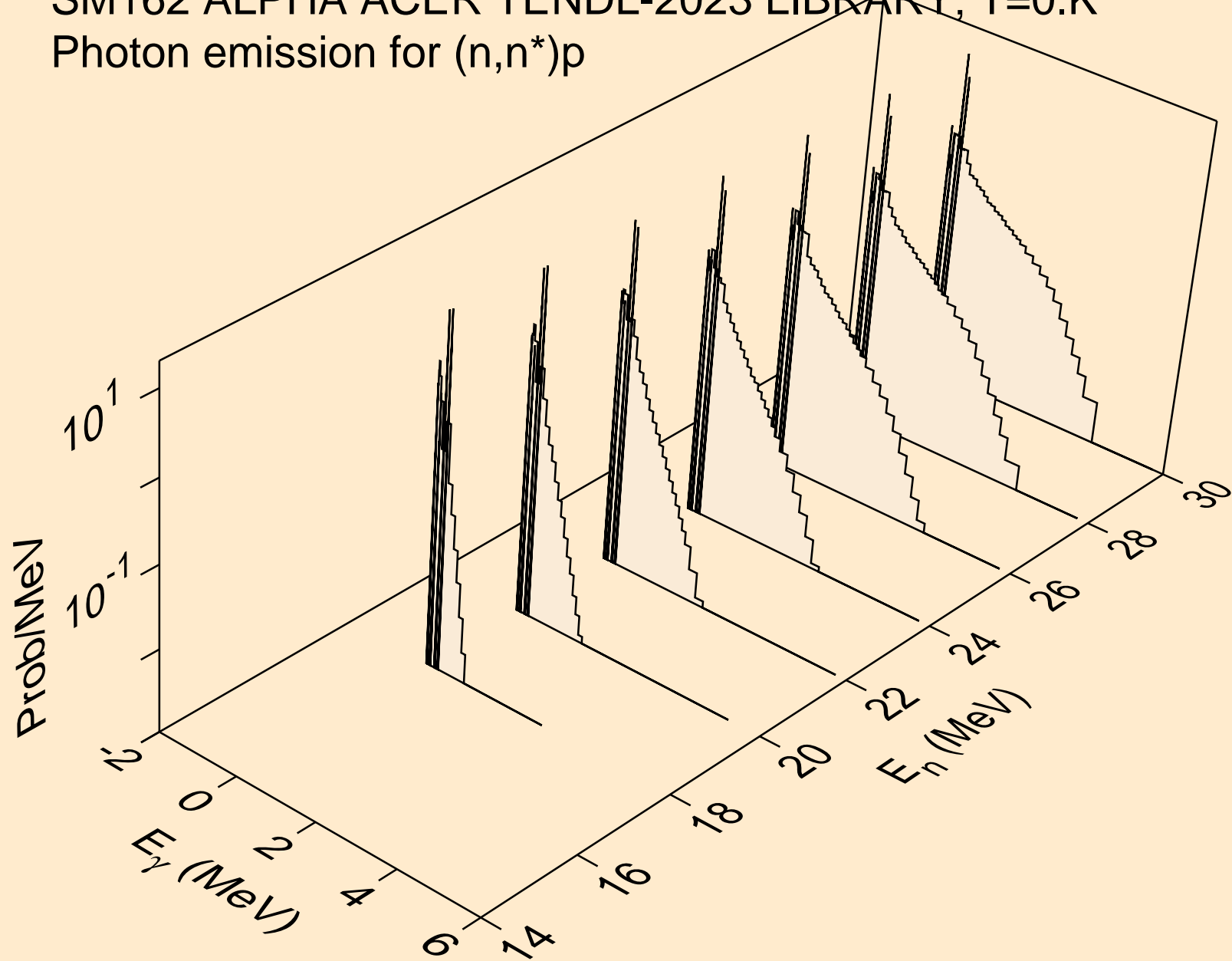
SM162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



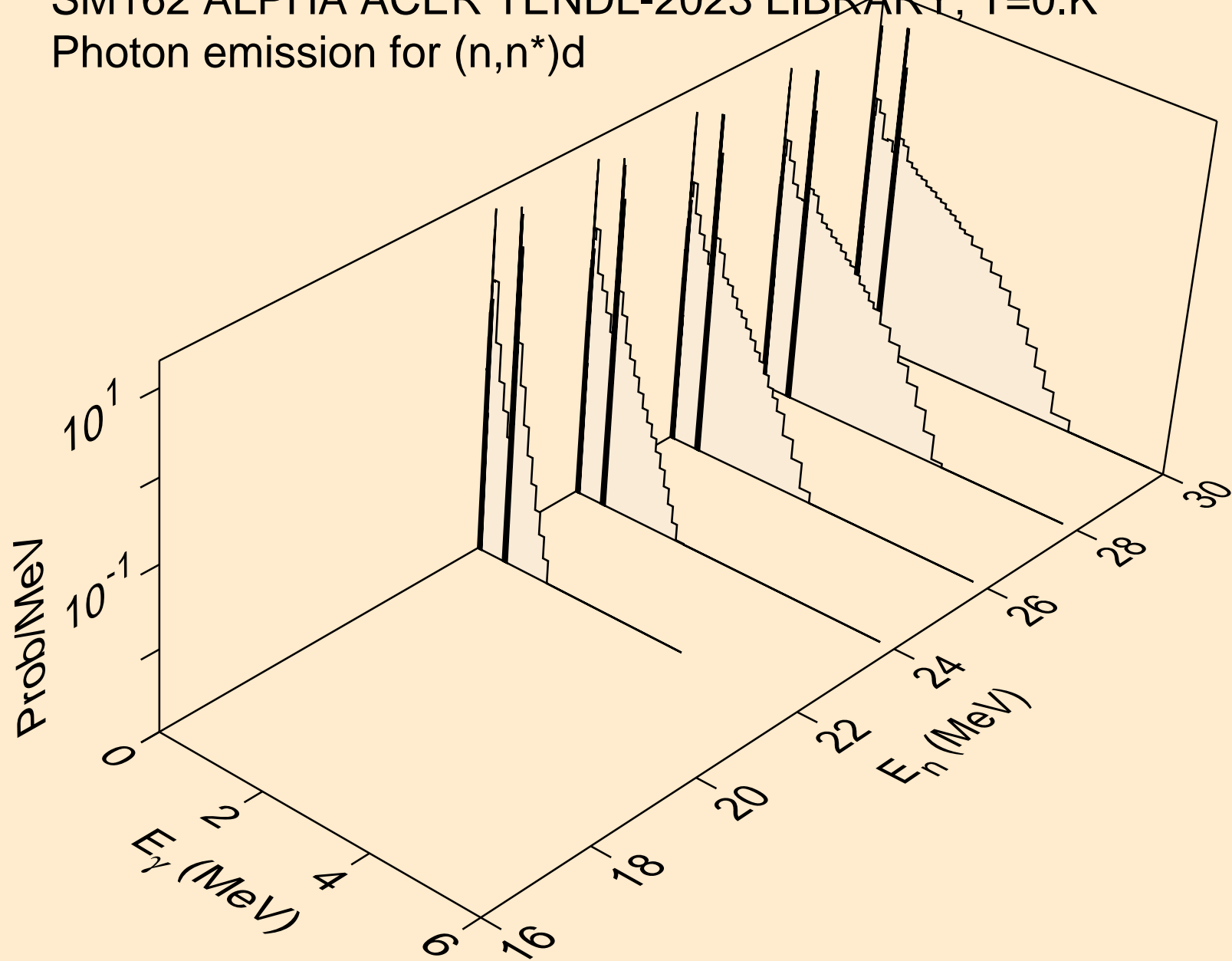
SM162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



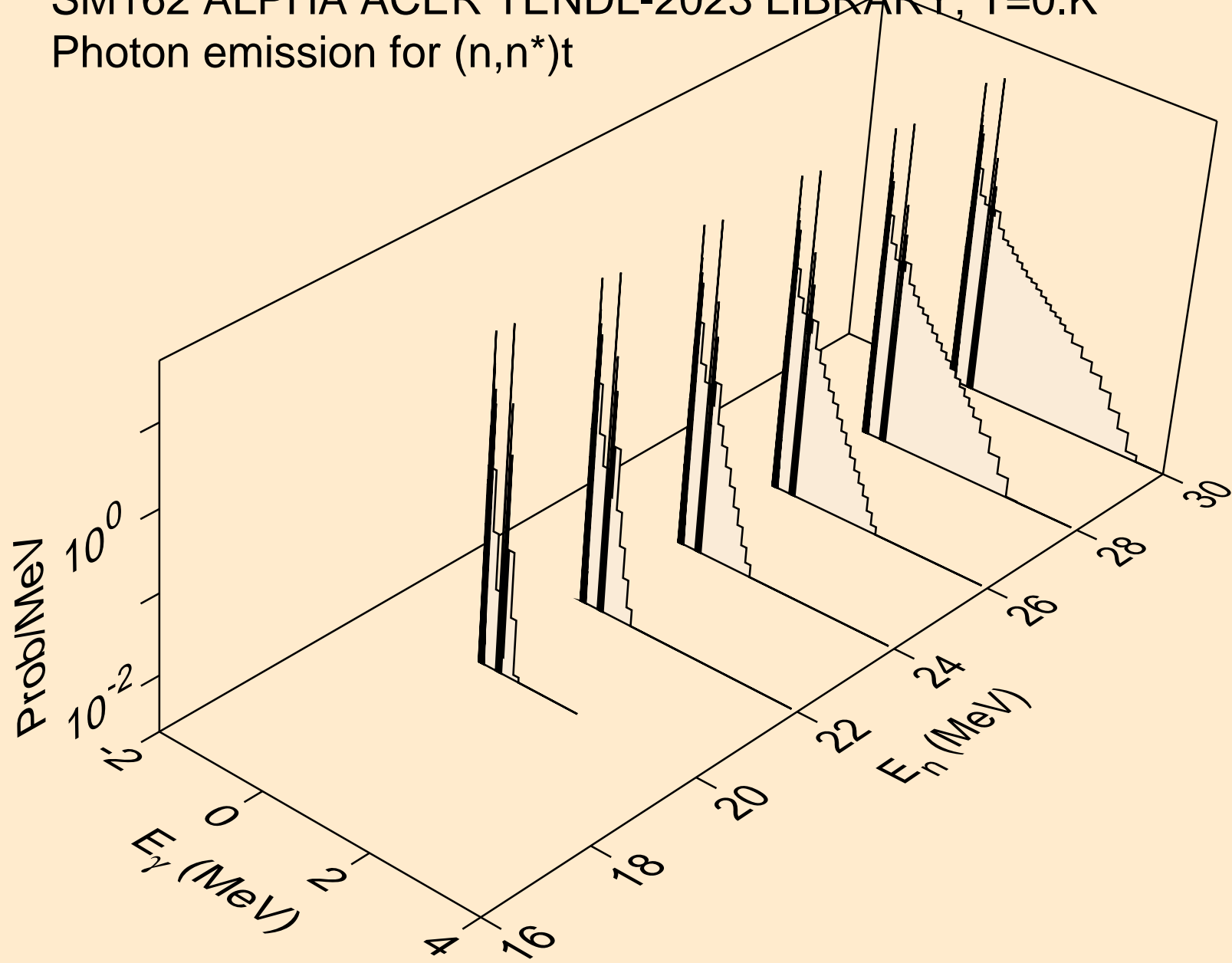
SM162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



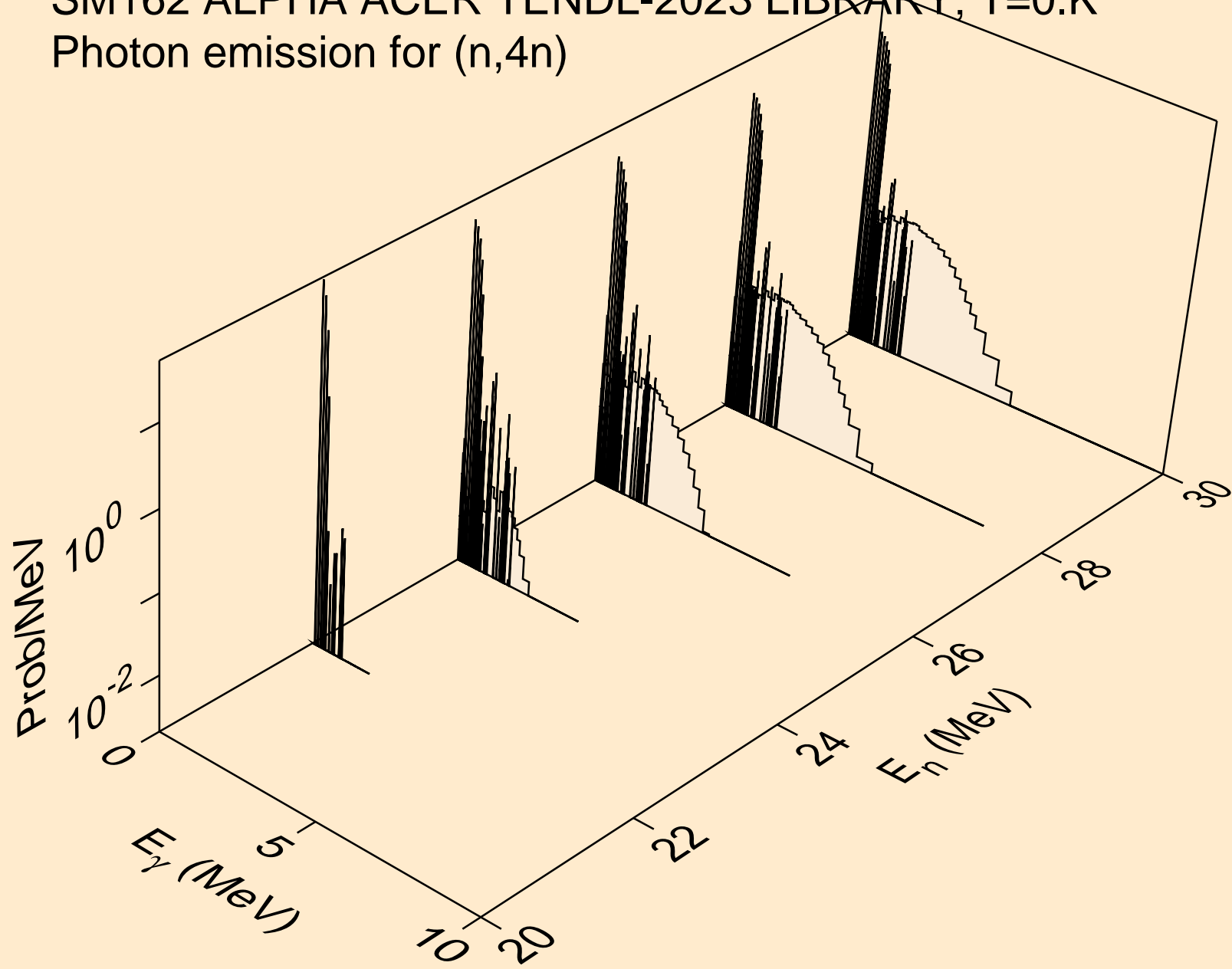
SM162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



SM162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

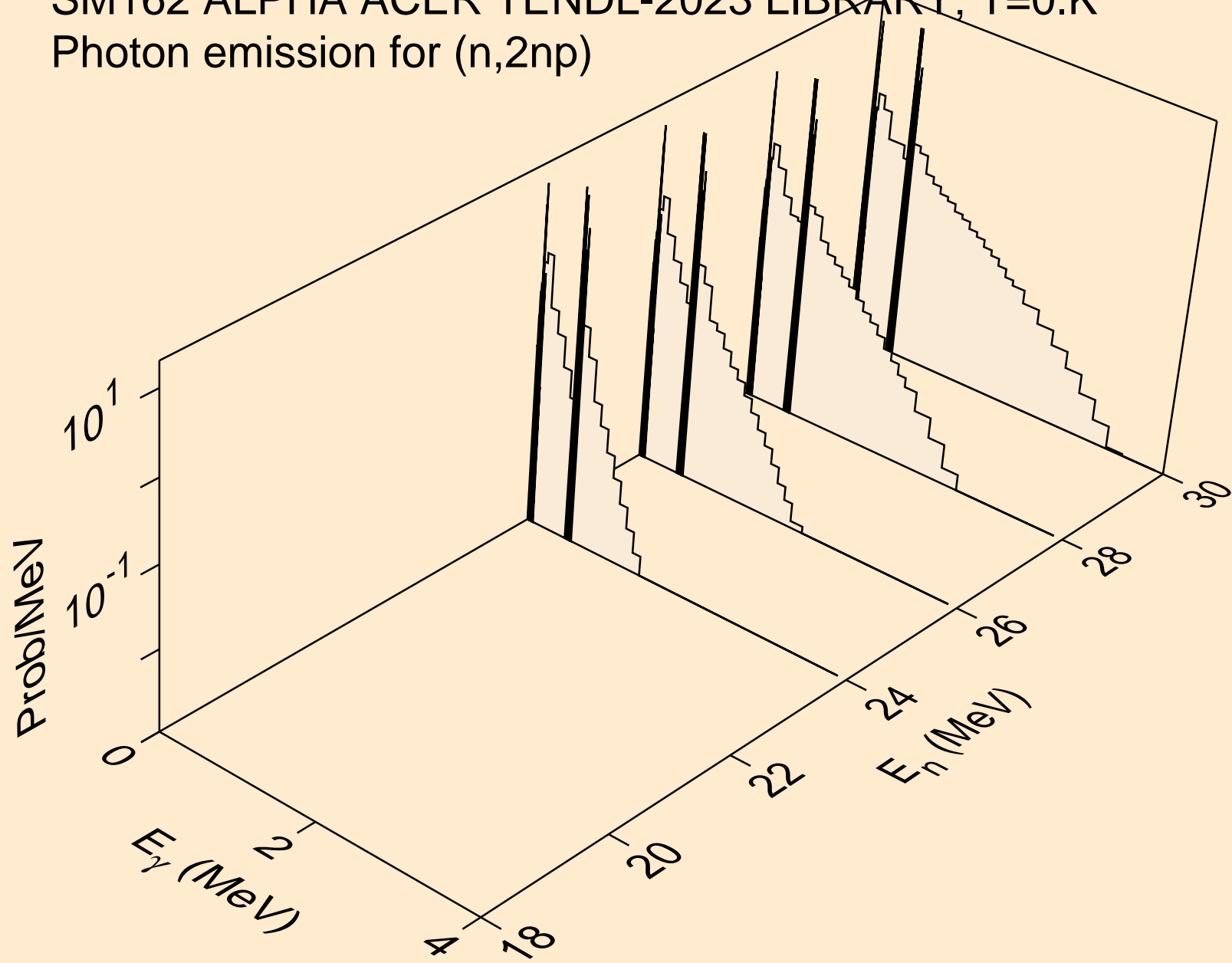


SM162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)

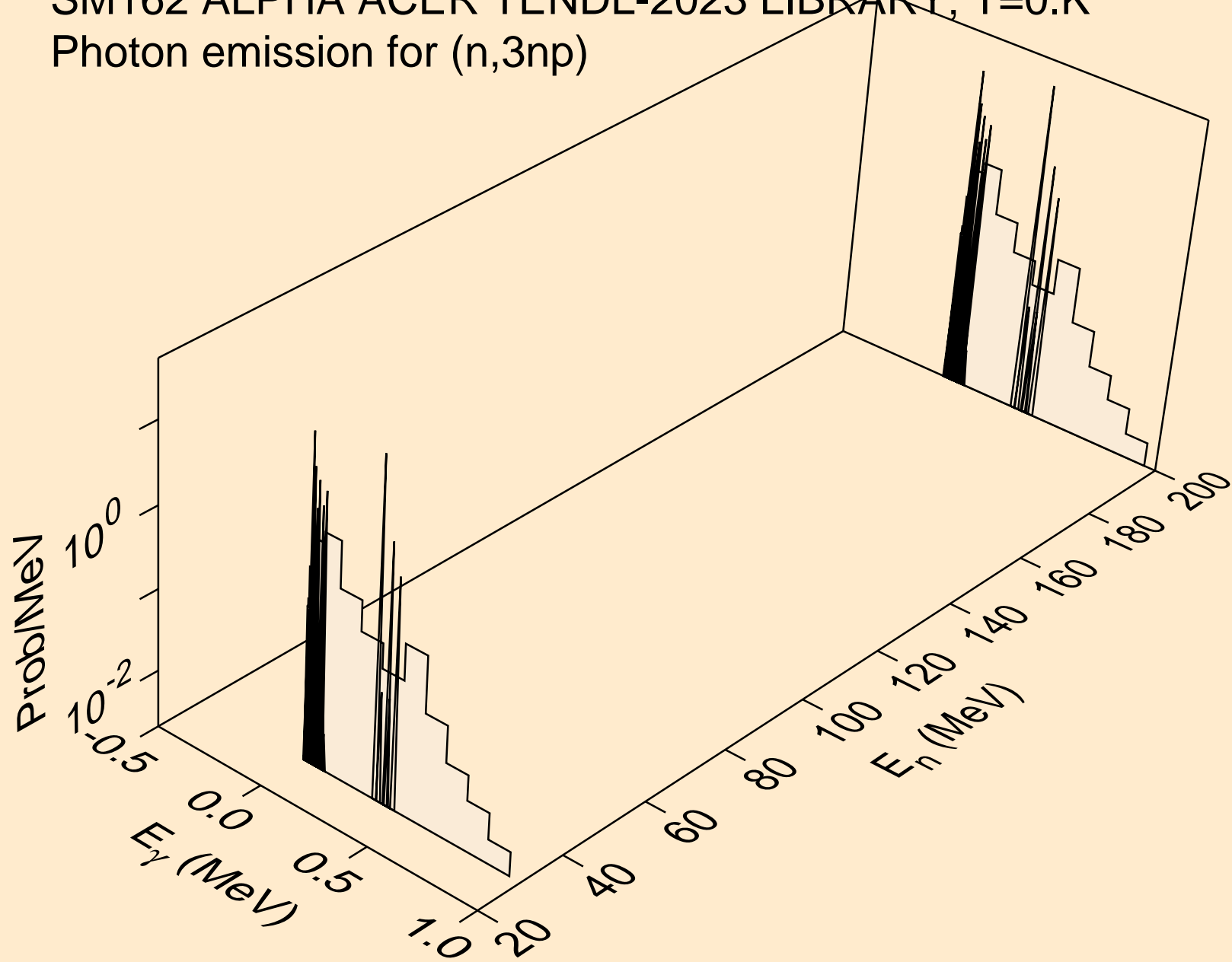




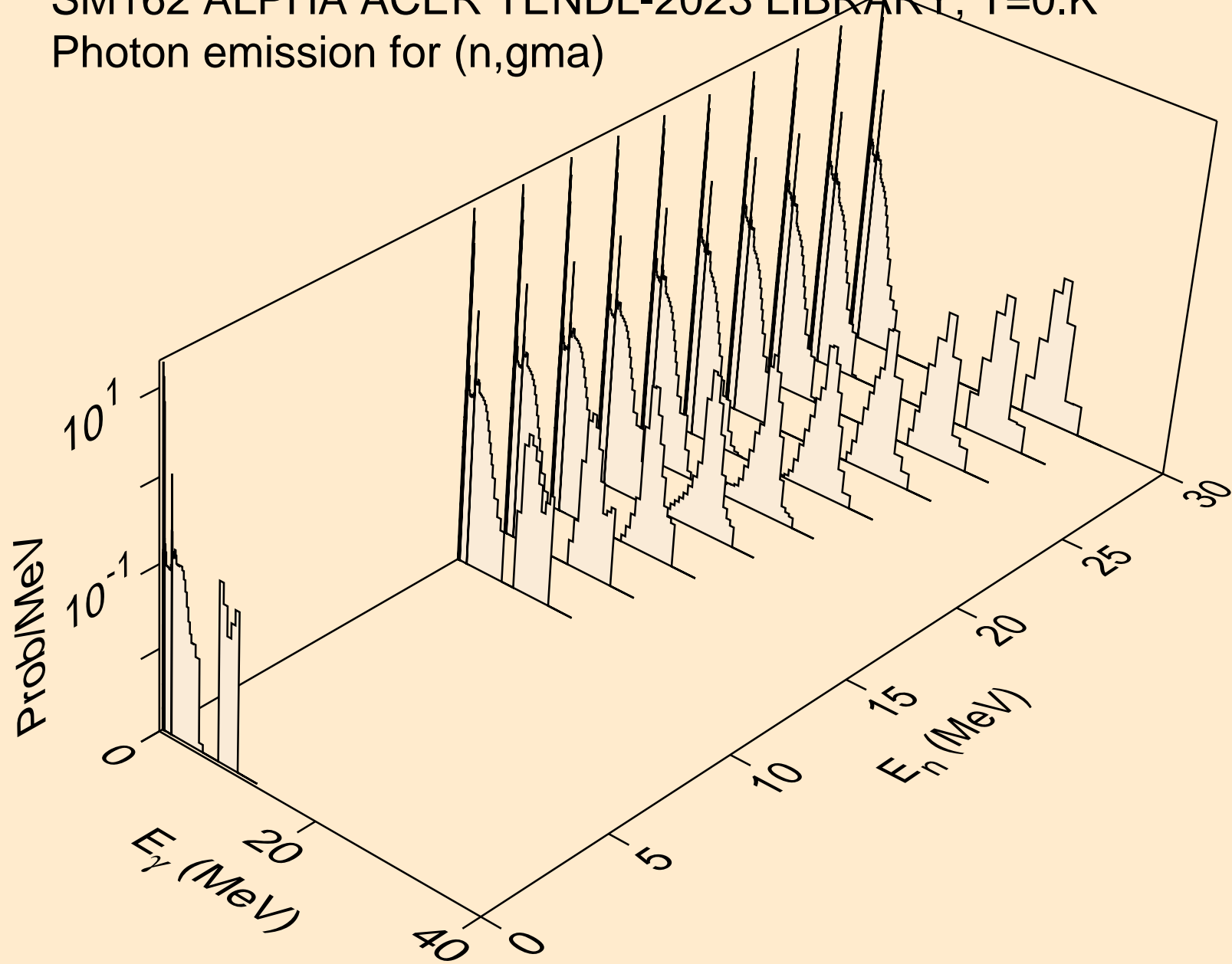
SM162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



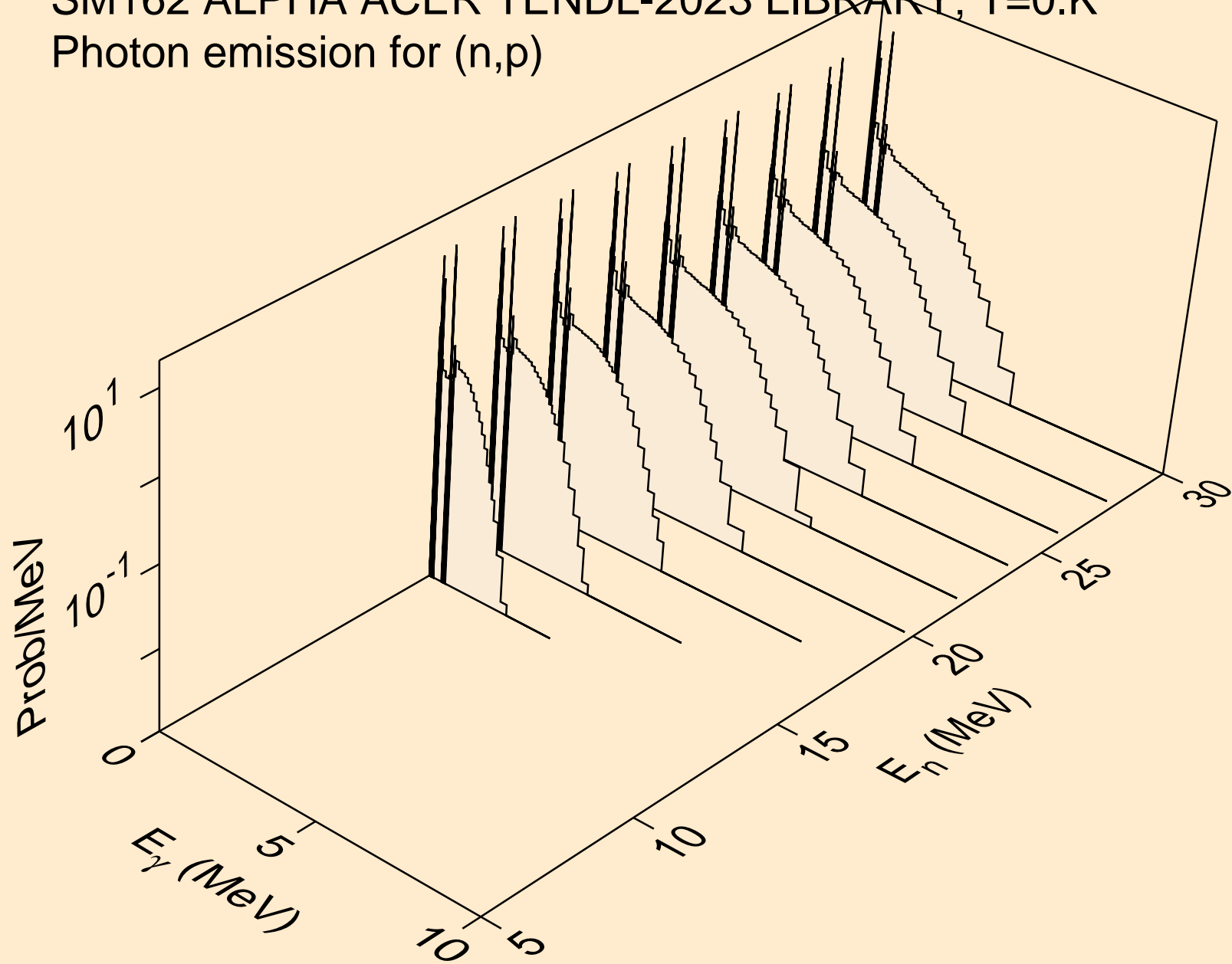
SM162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



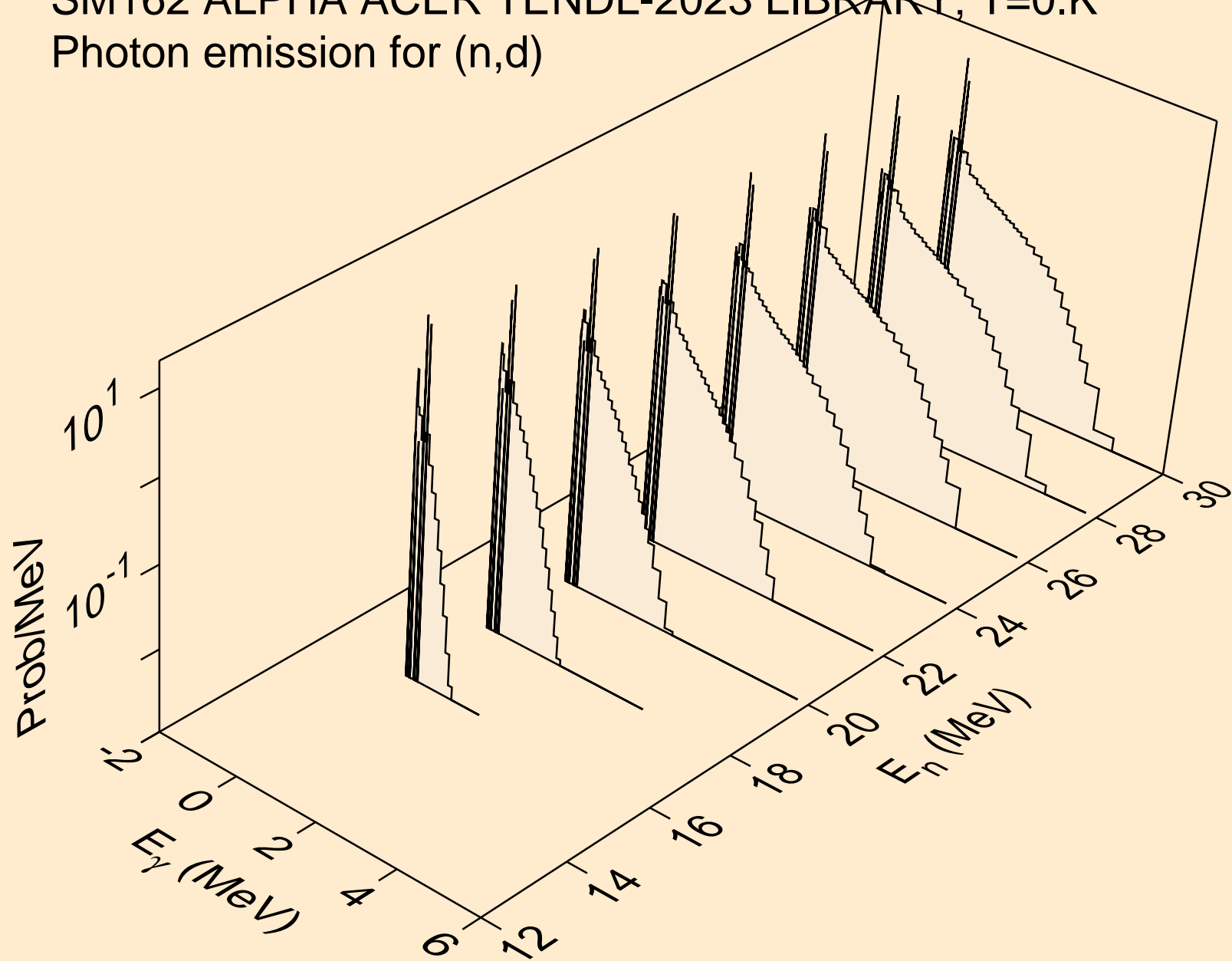
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Photon emission for (n,gma)



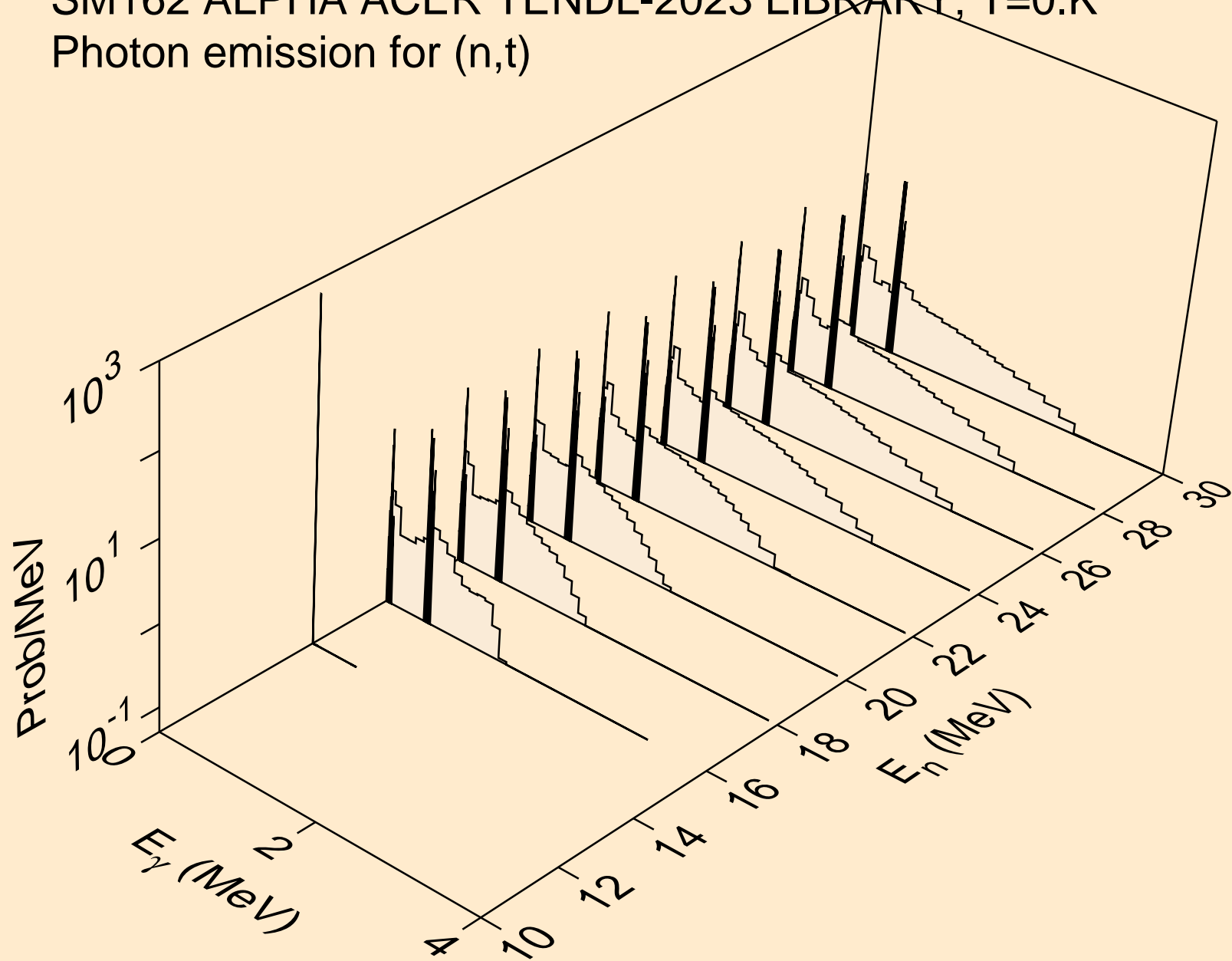
SM162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



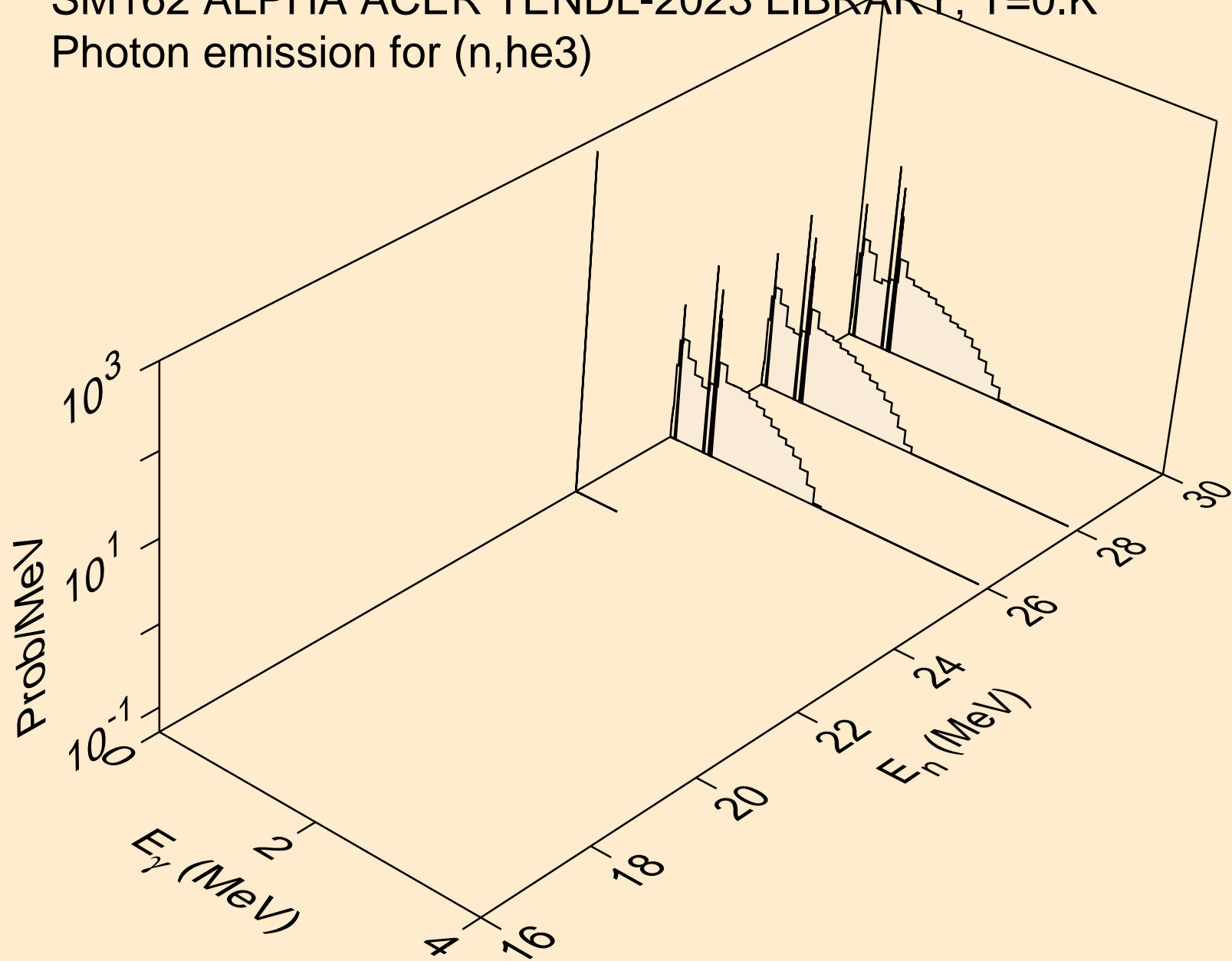
SM162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



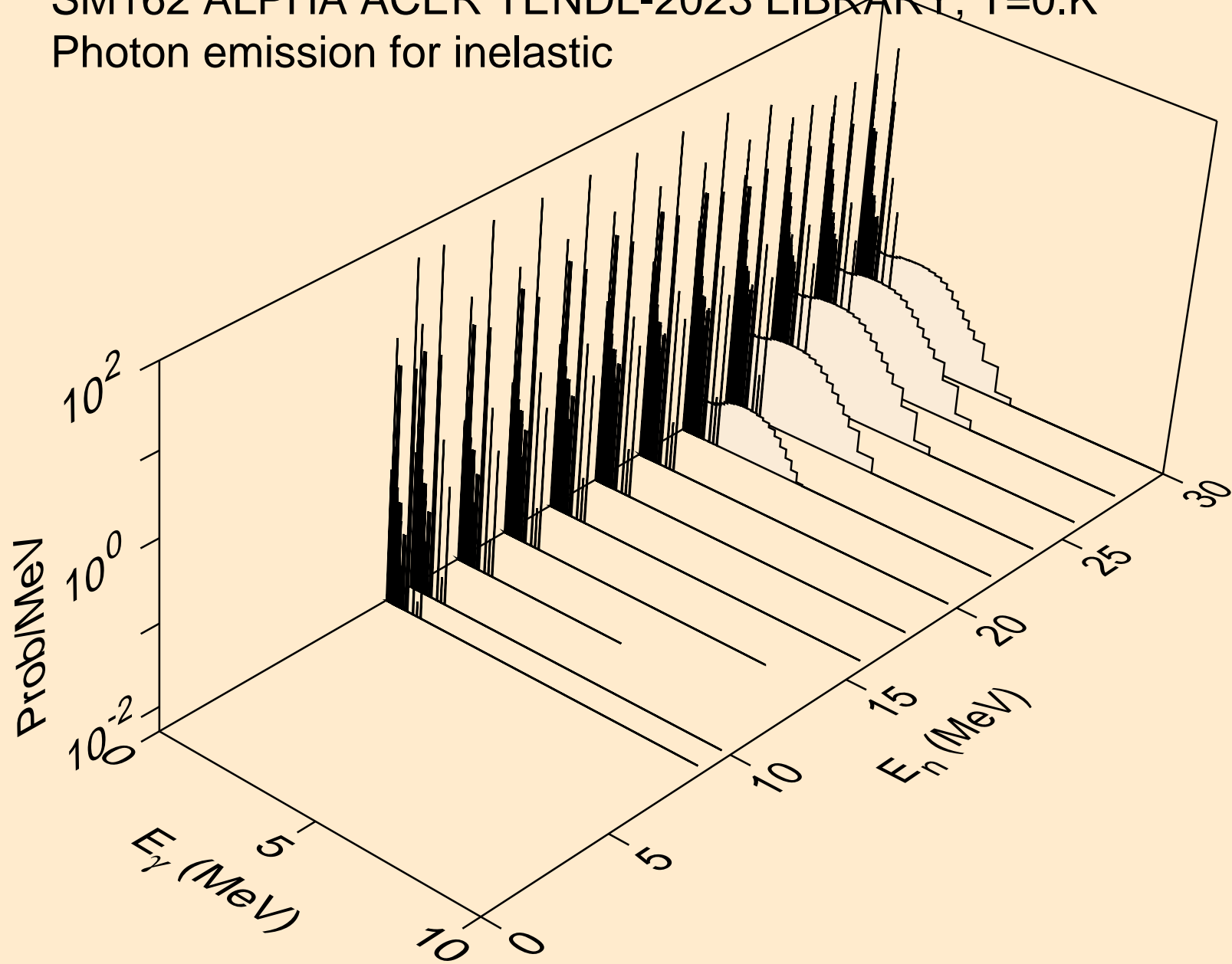
SM162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



SM162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



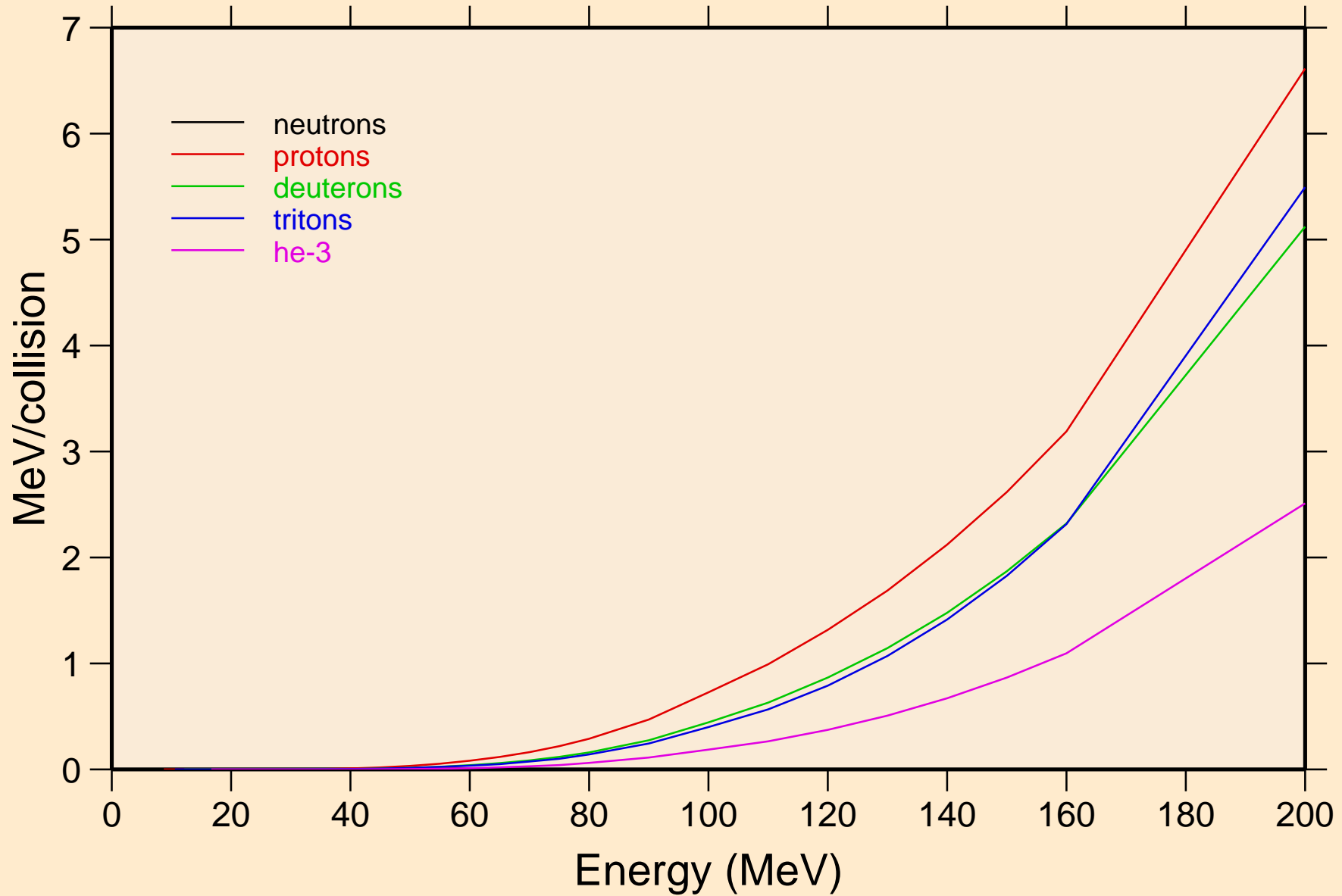
SM162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic





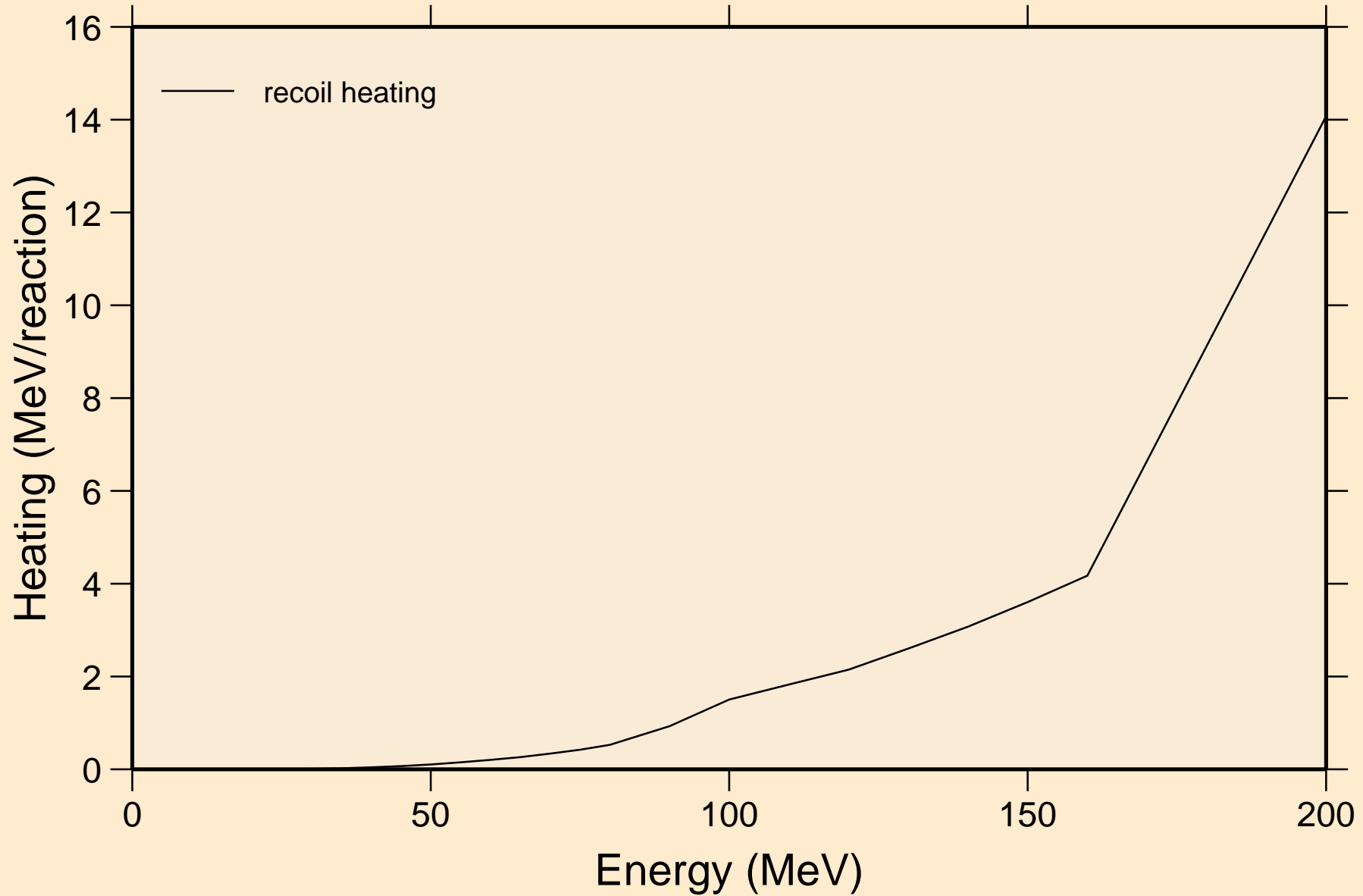
# SM162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Particle heating contributions

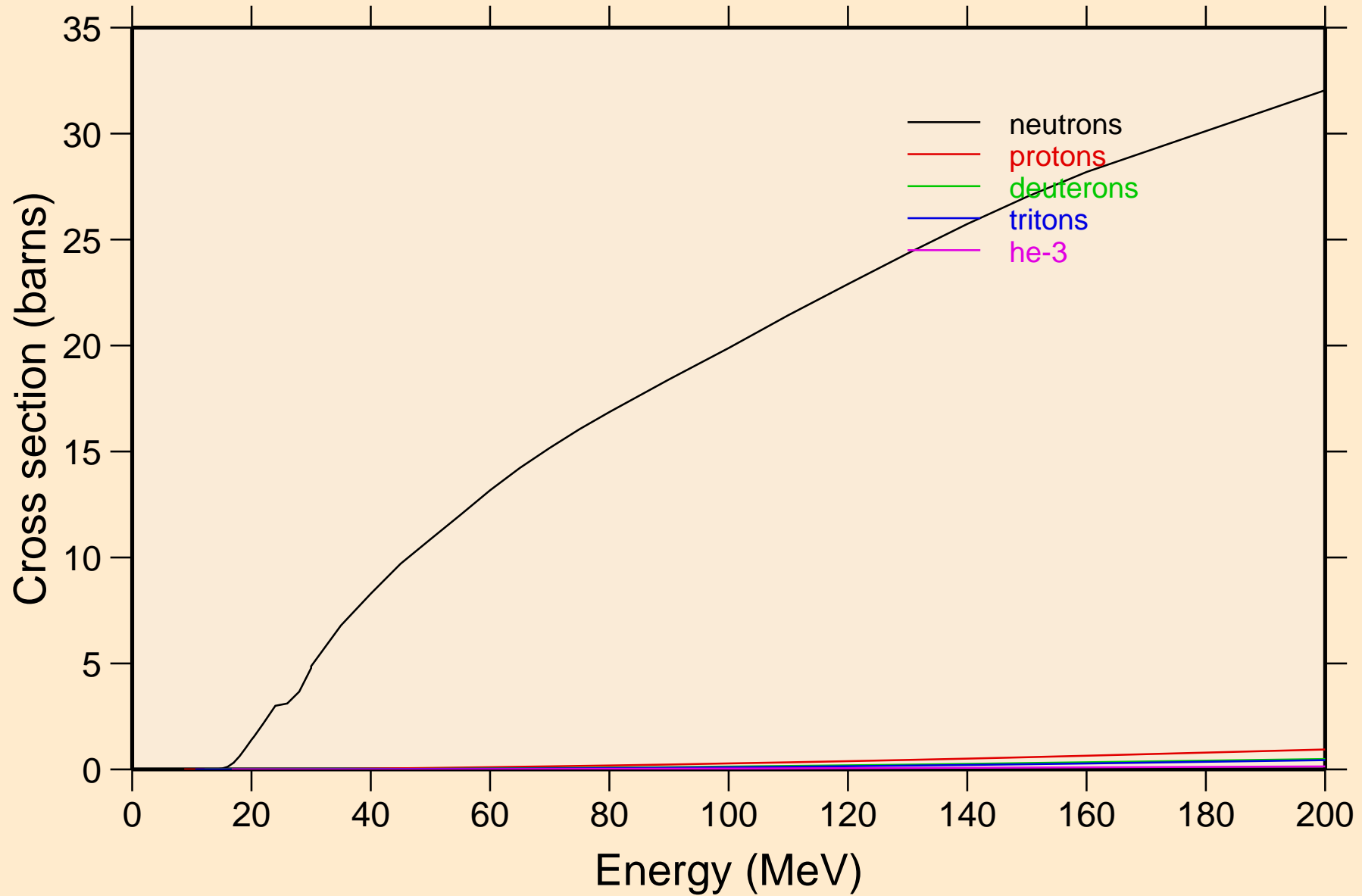


SM162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

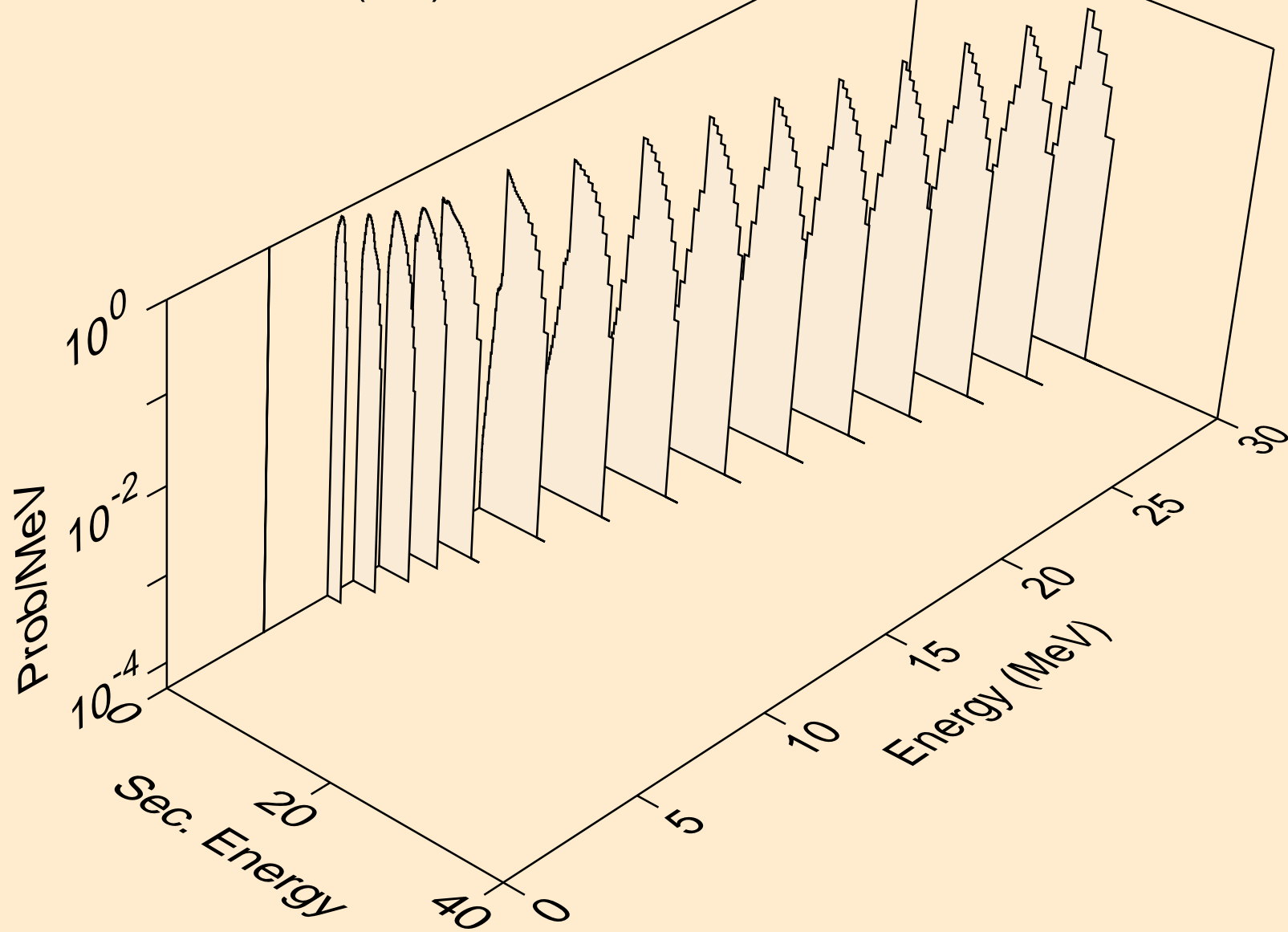
Recoil Heating



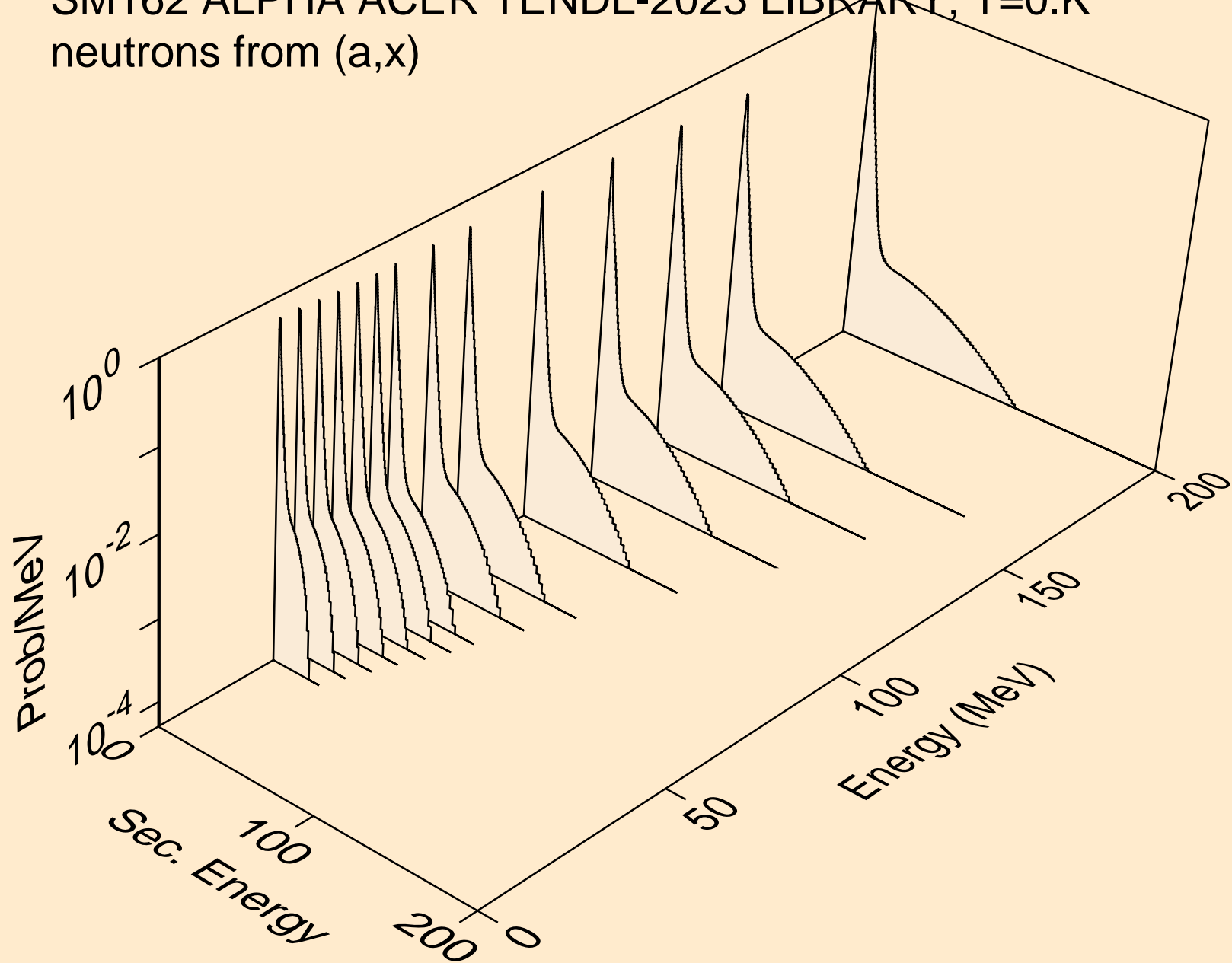
SM162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



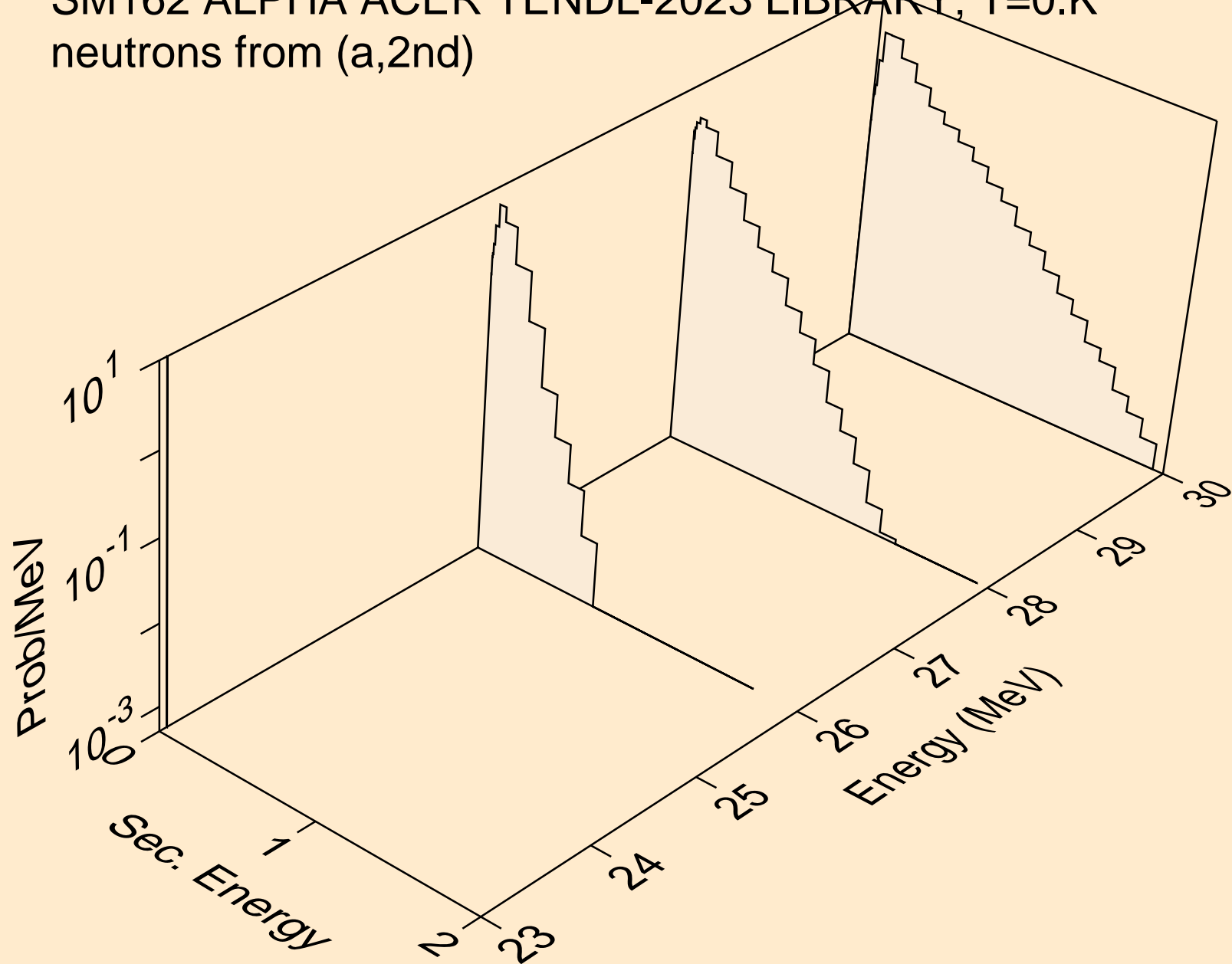
SM162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)



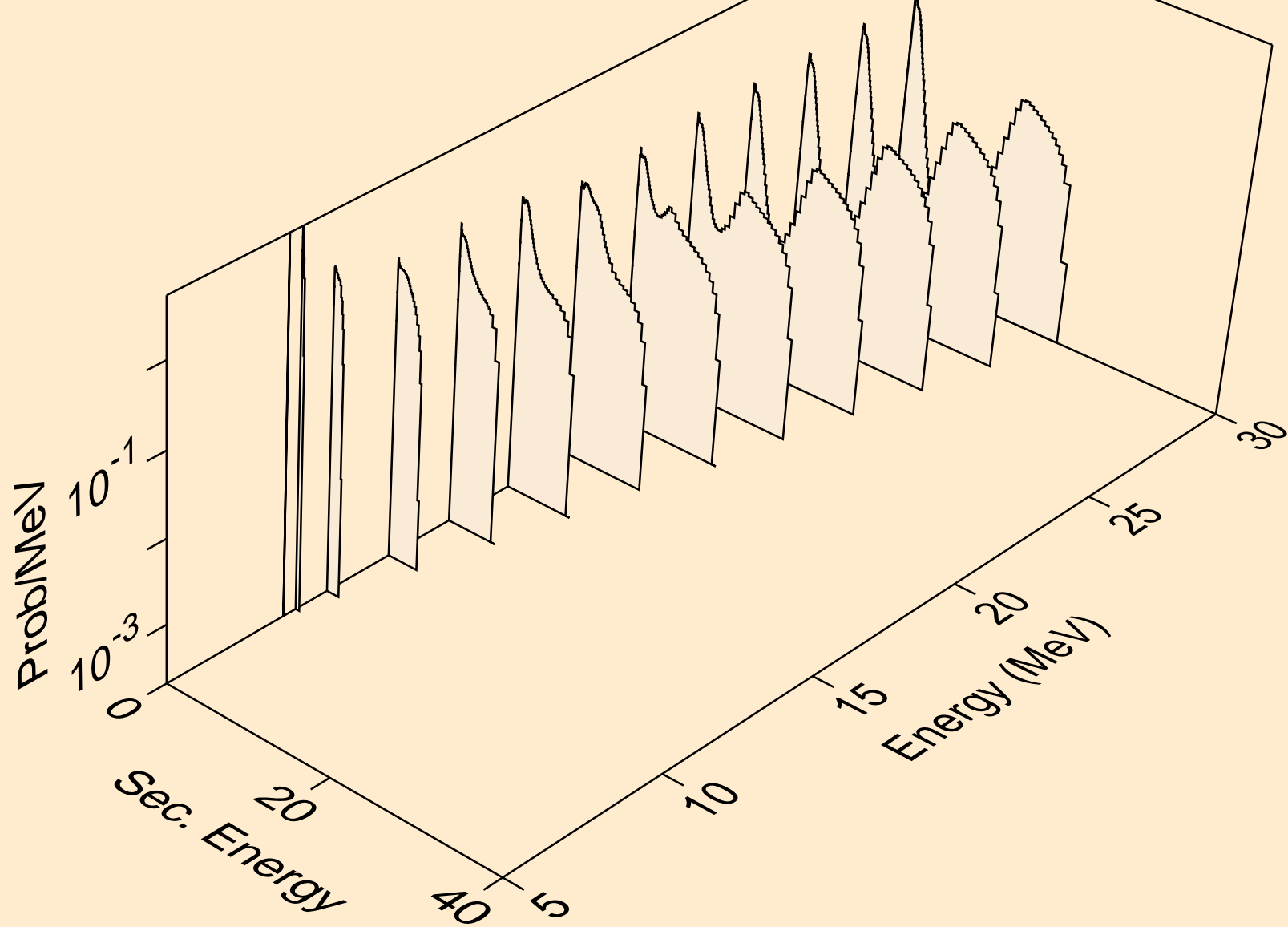
SM162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)



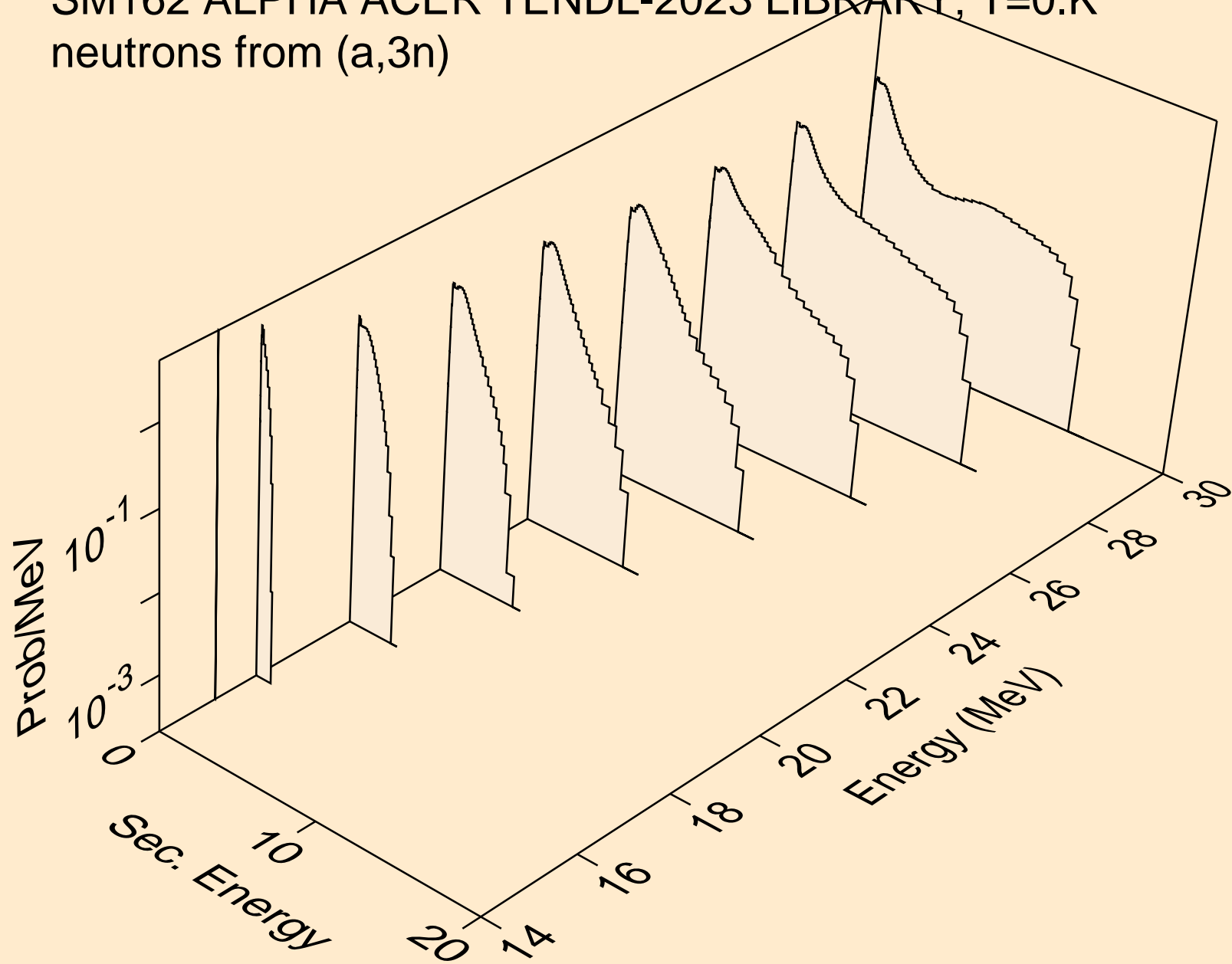
SM162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2nd)



SM162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)

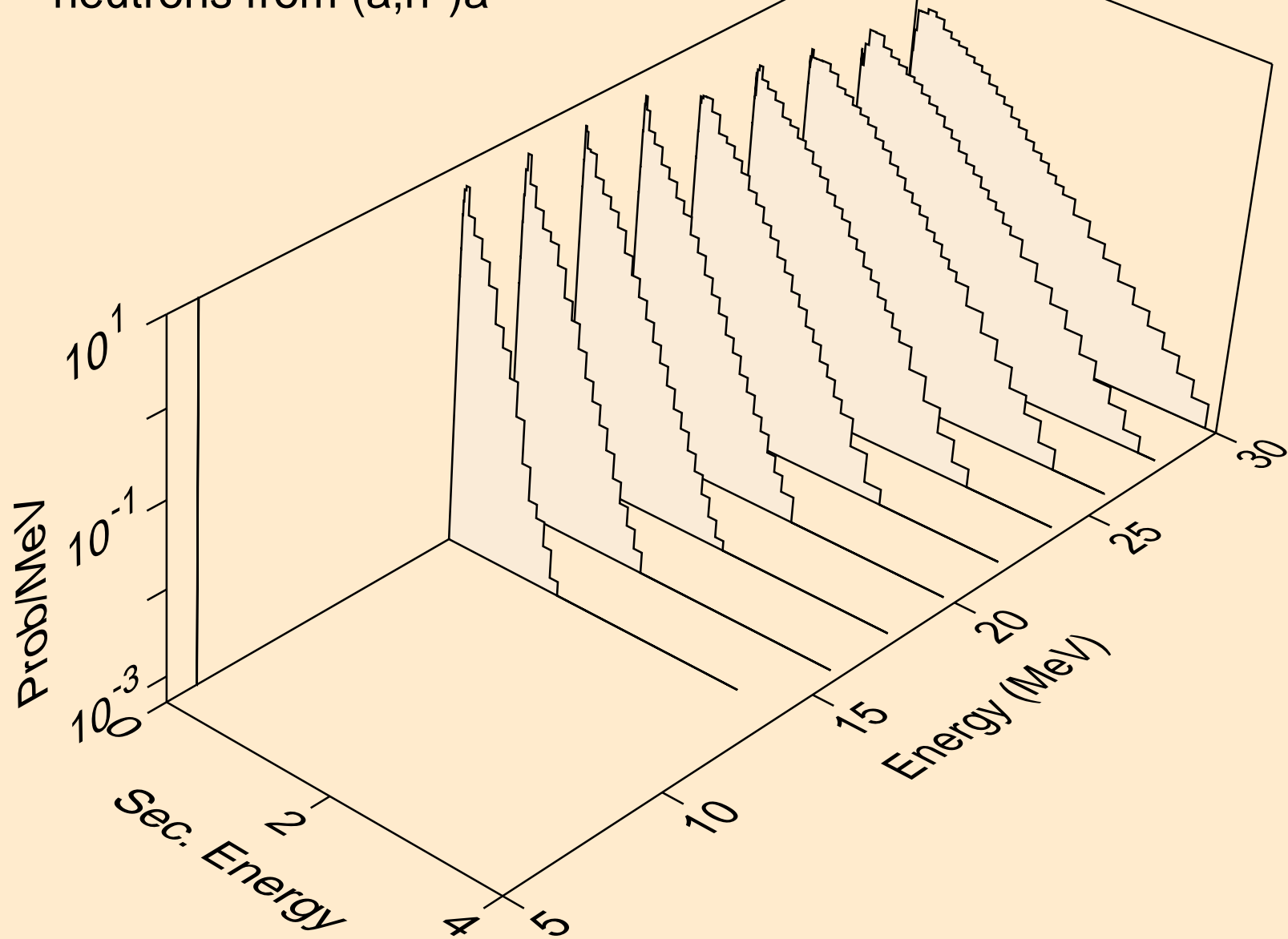


SM162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3n)

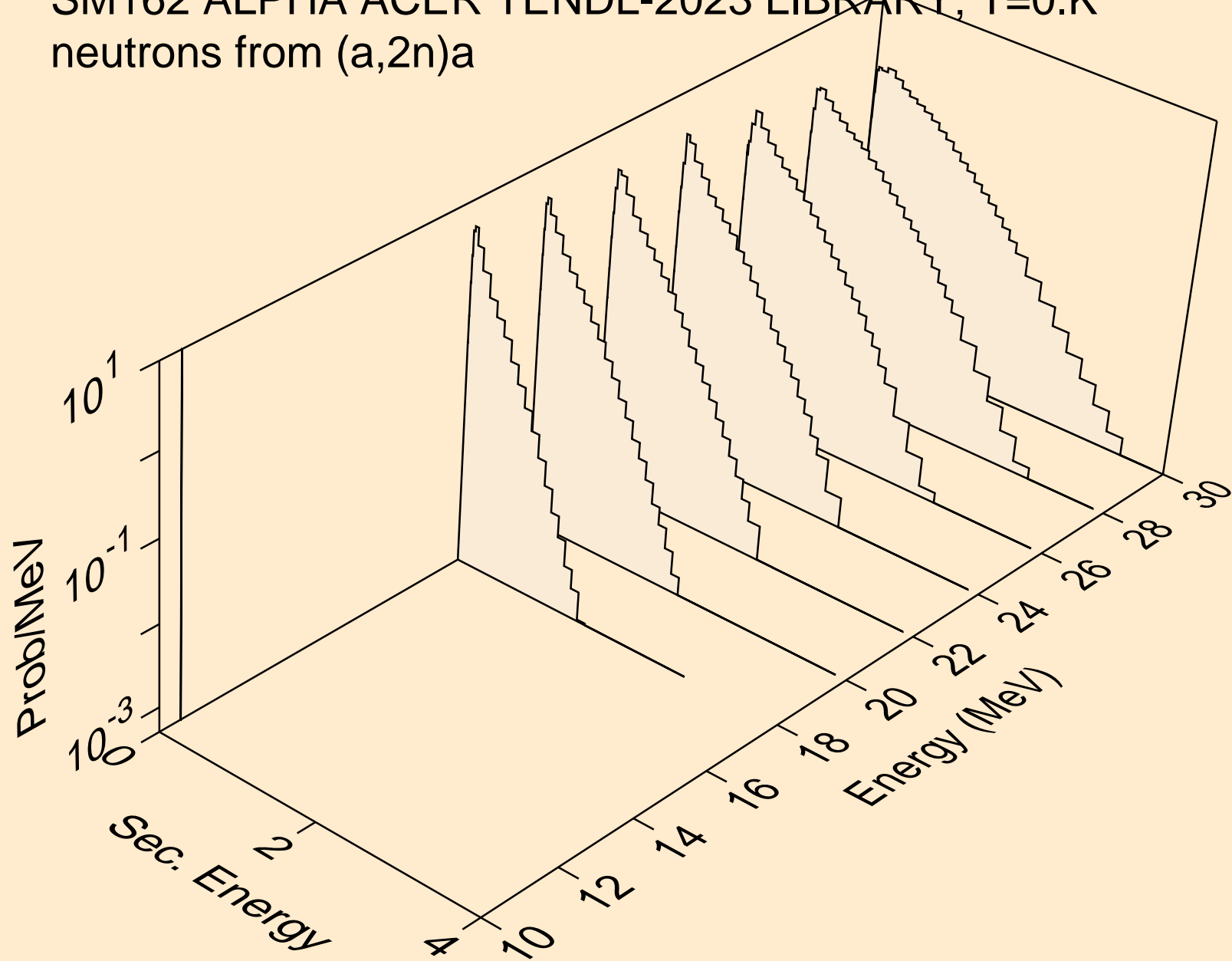




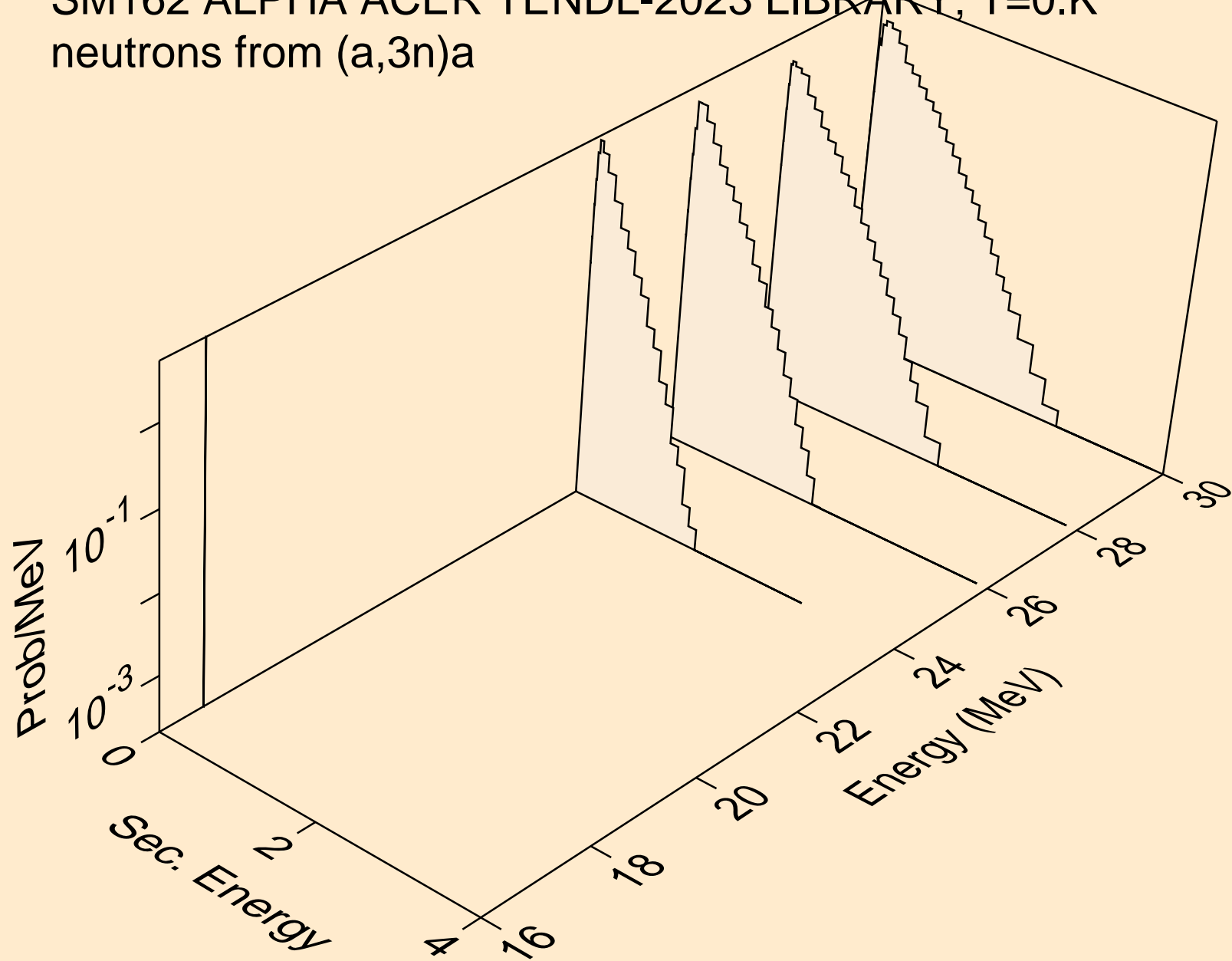
SM162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a



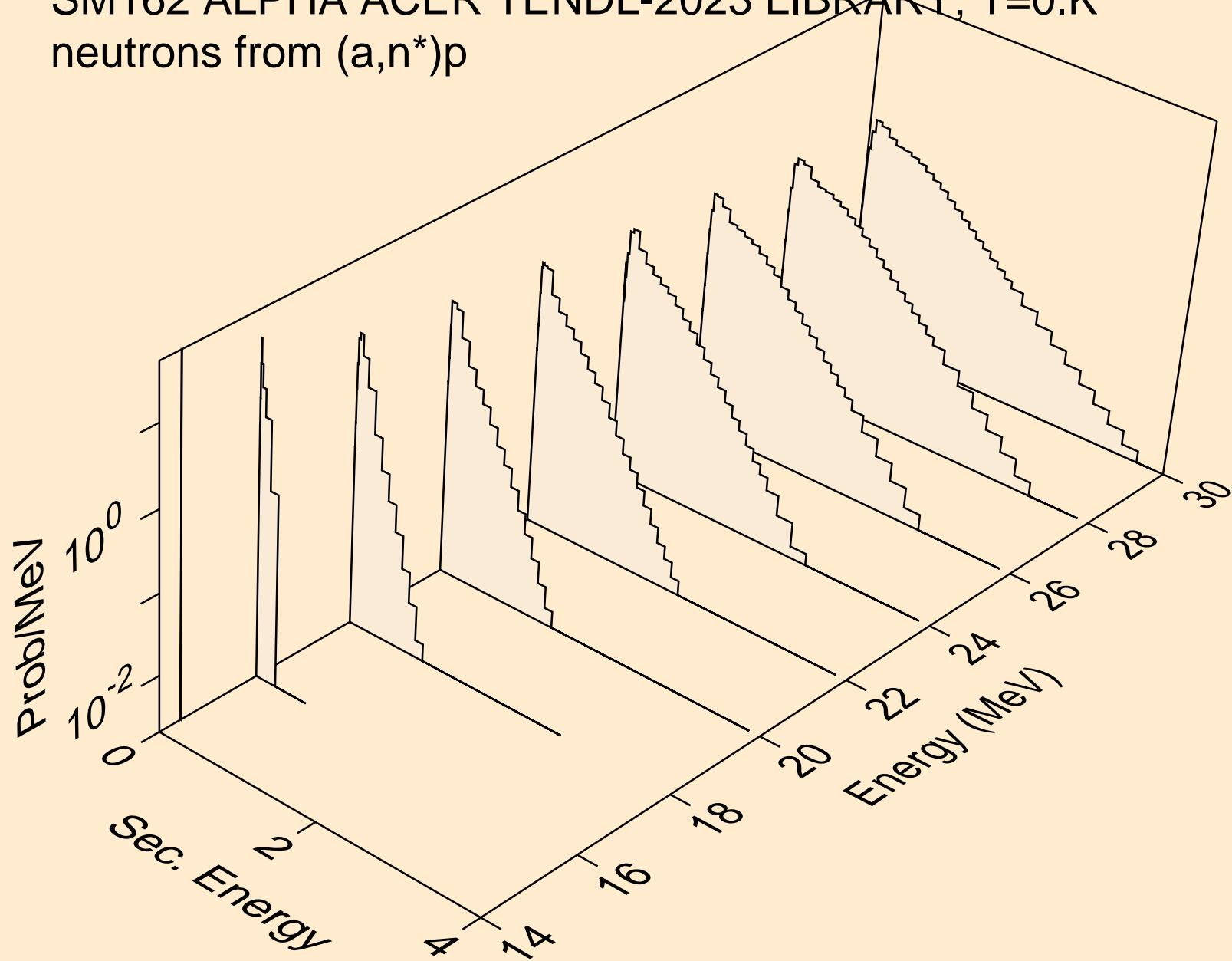
SM162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)a



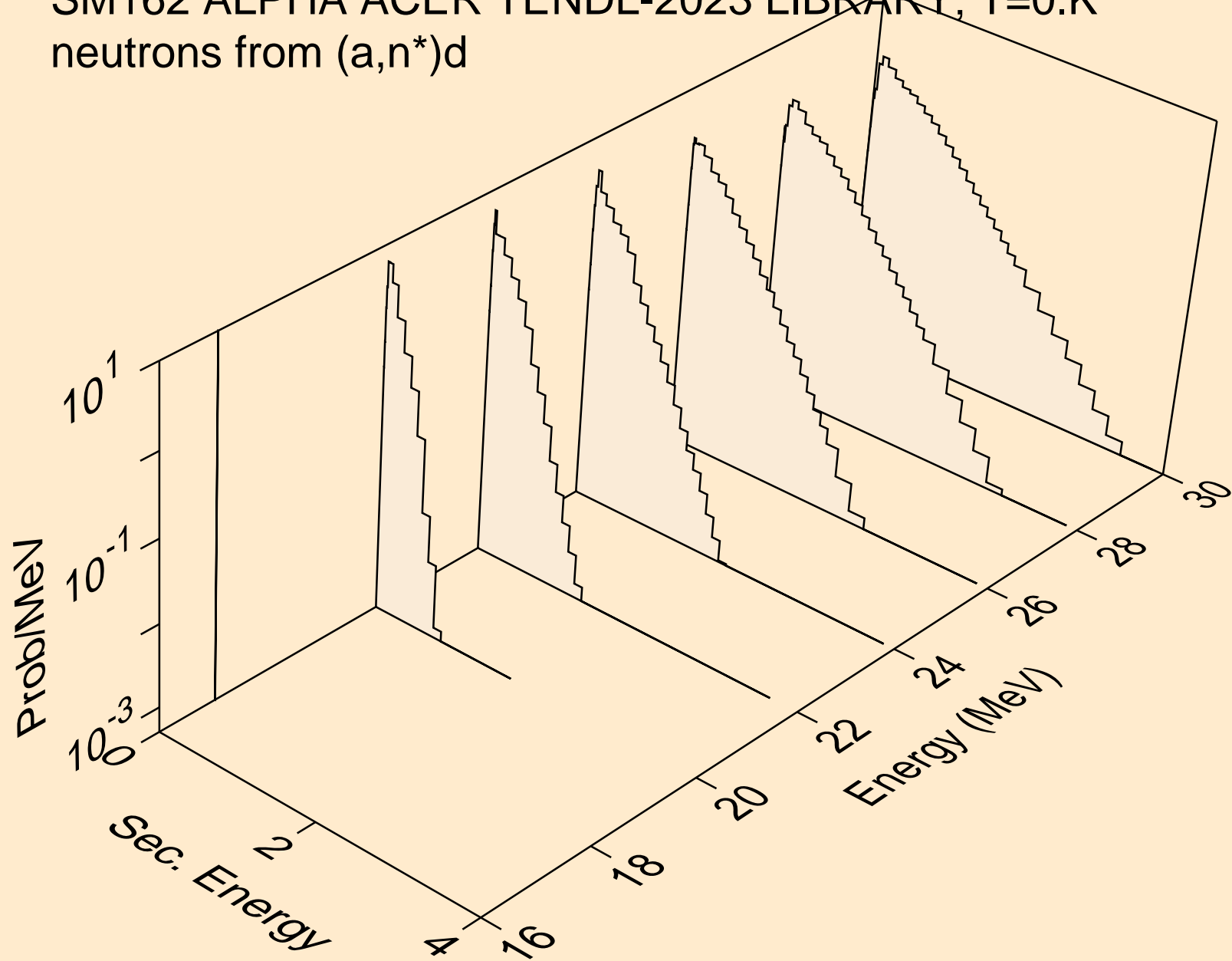
SM162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3n)a



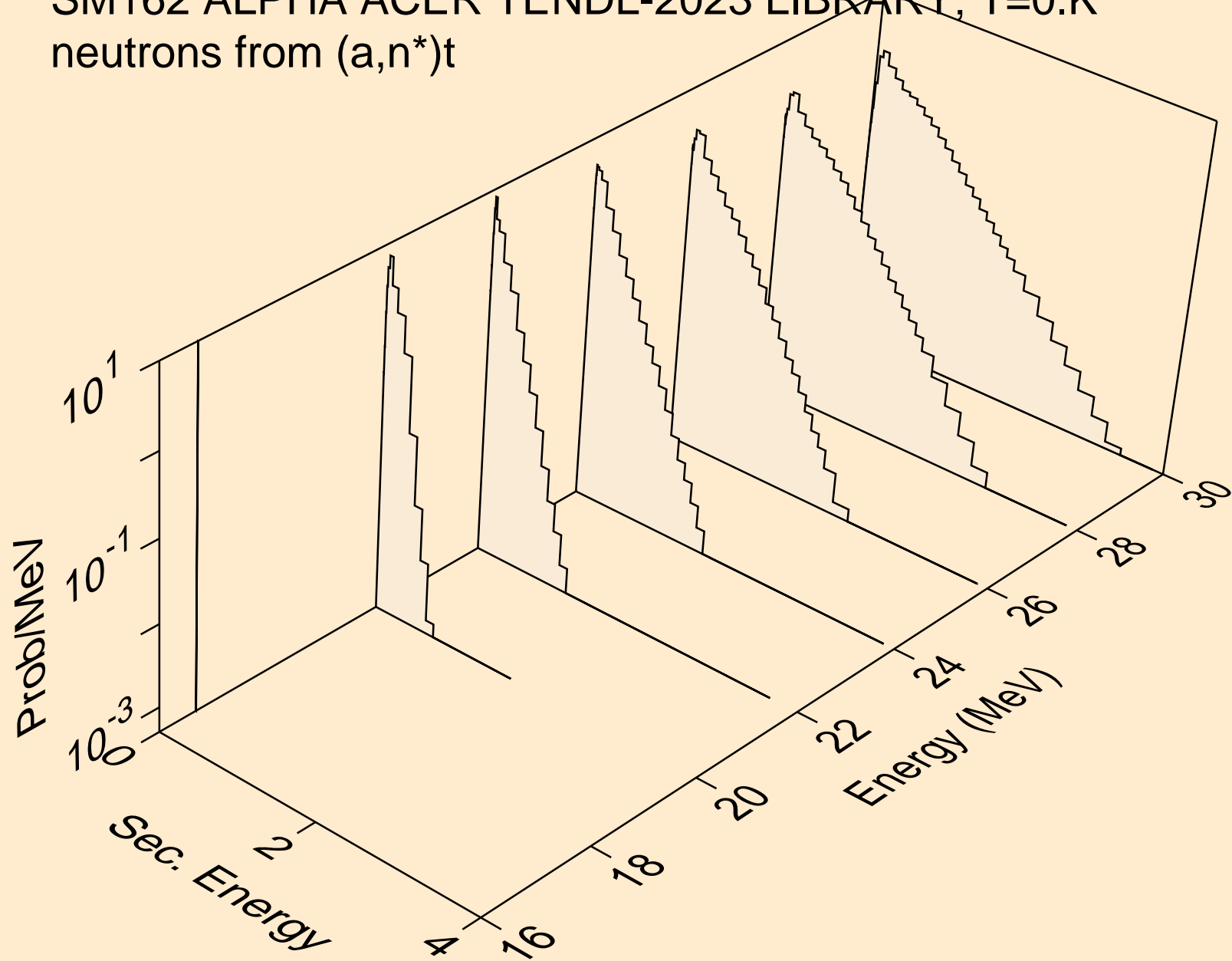
SM162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)p



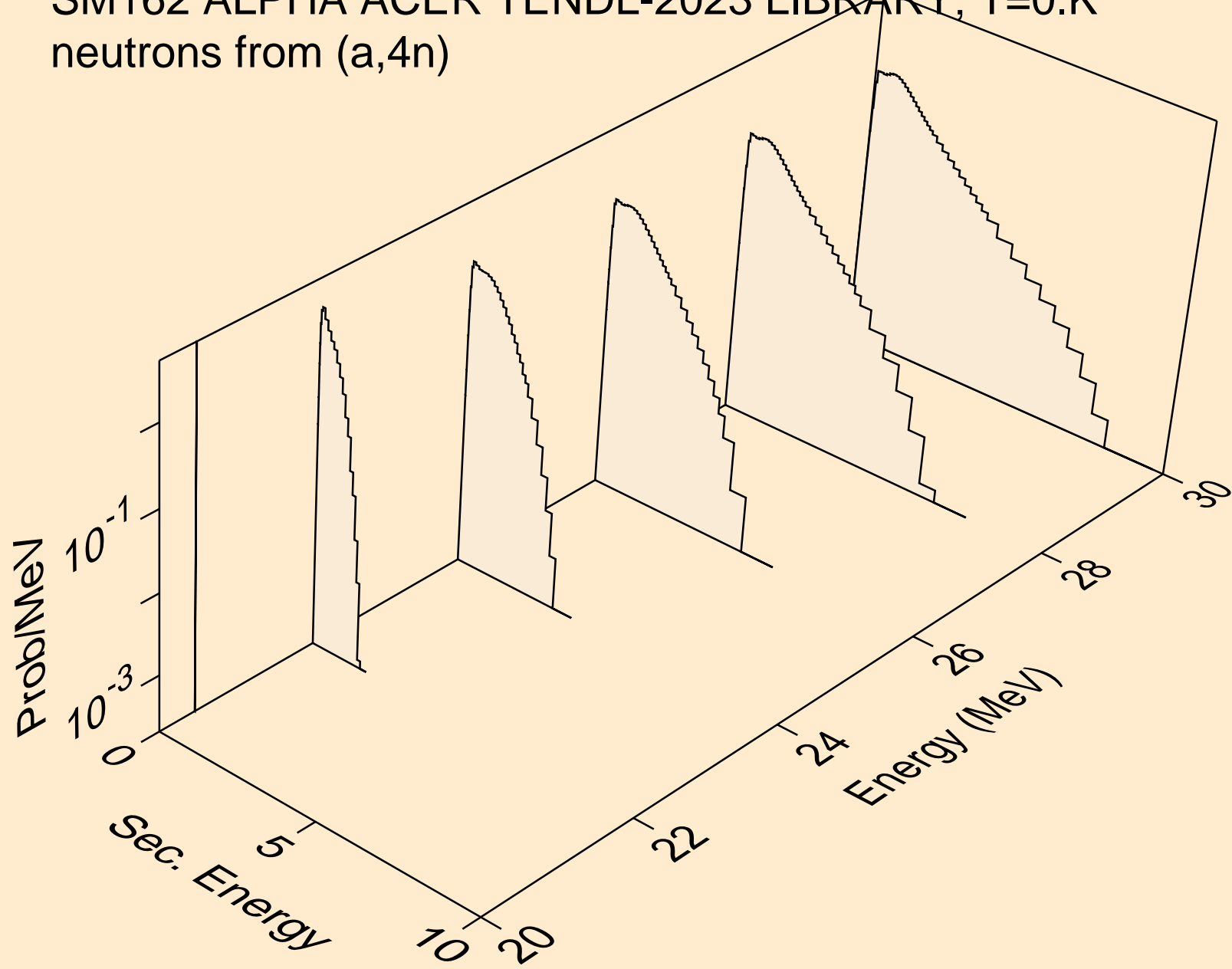
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neutrons from (a,n\*)d



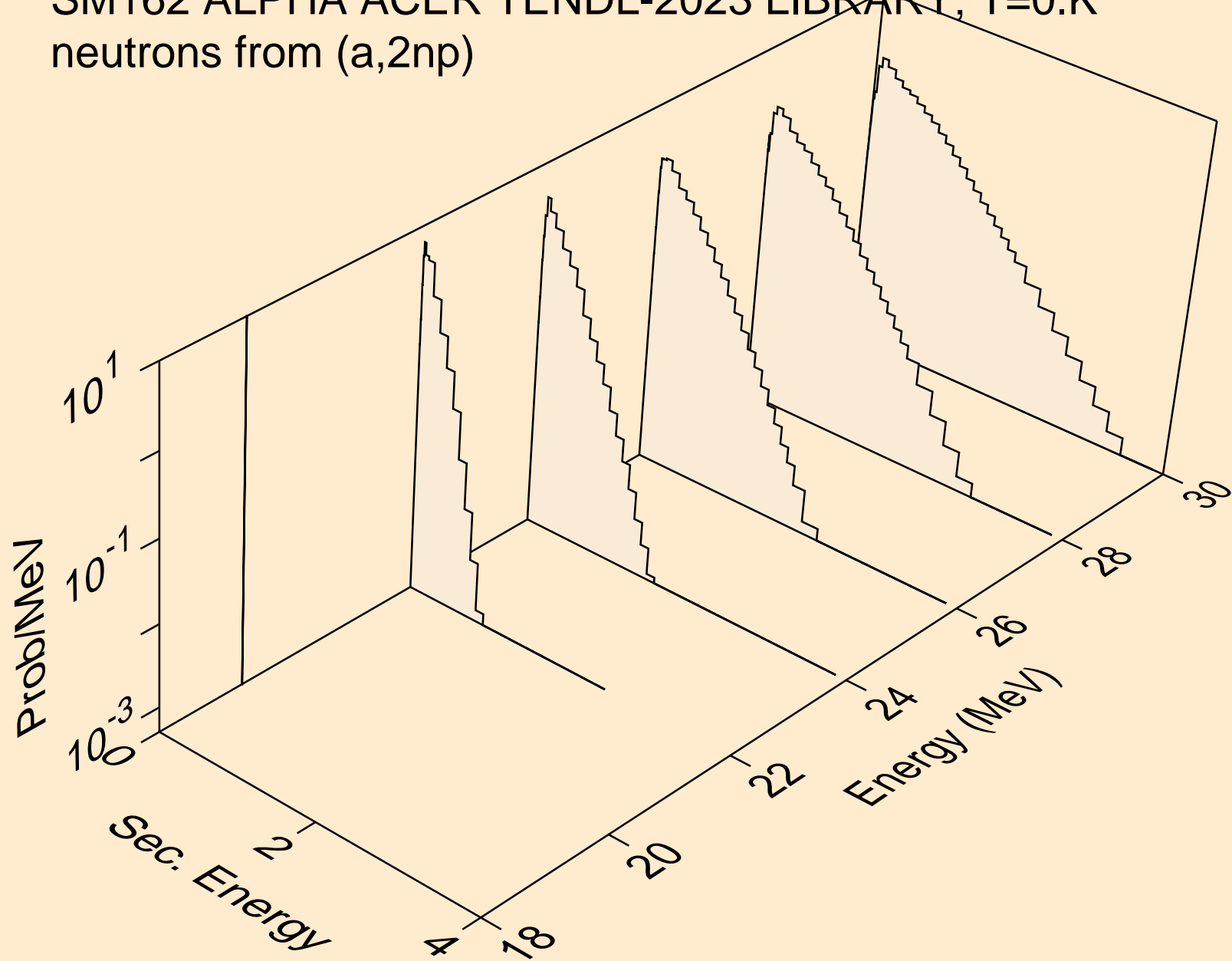
SM162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)t



SM162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,4n)

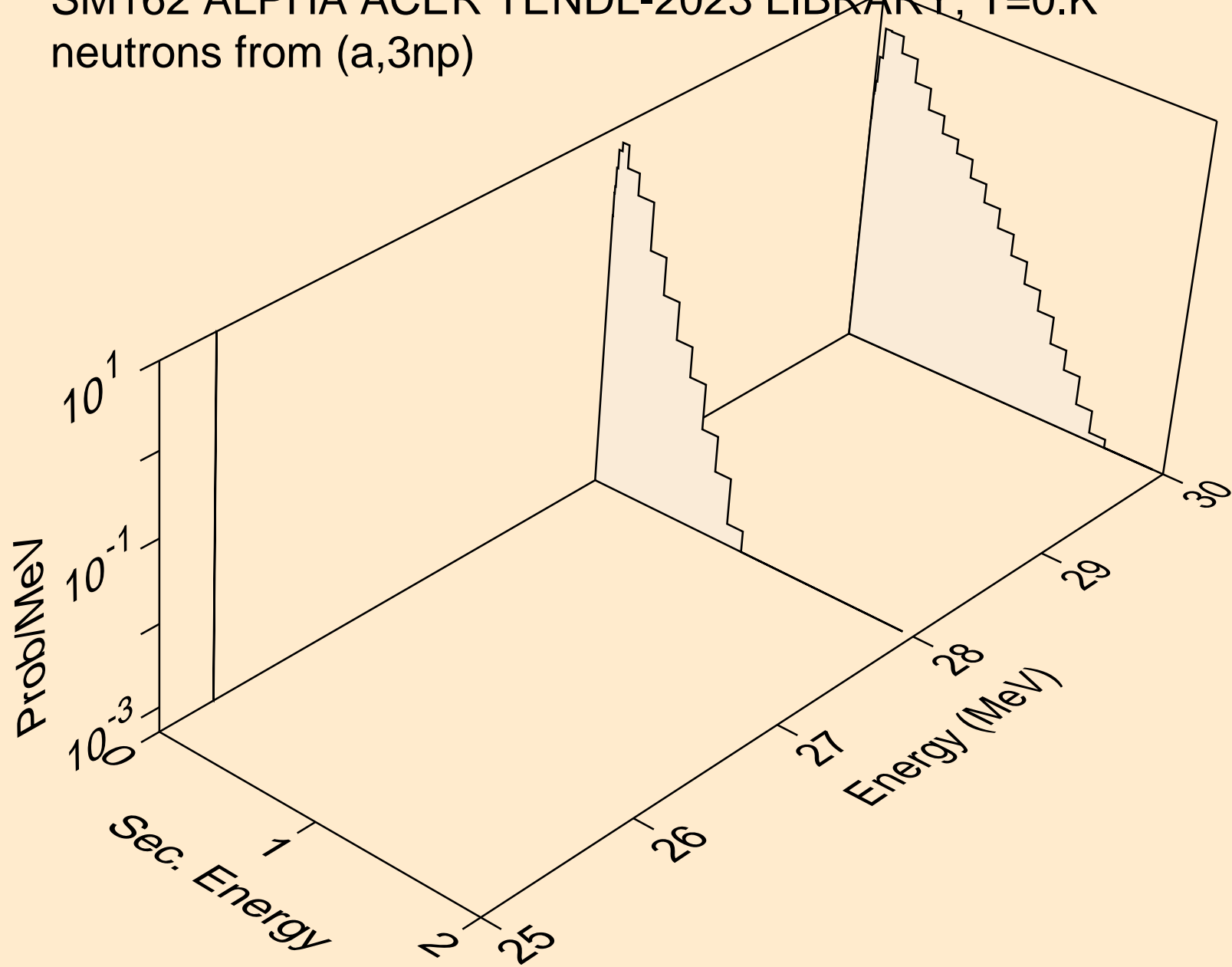


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neutrons from (a,2np)

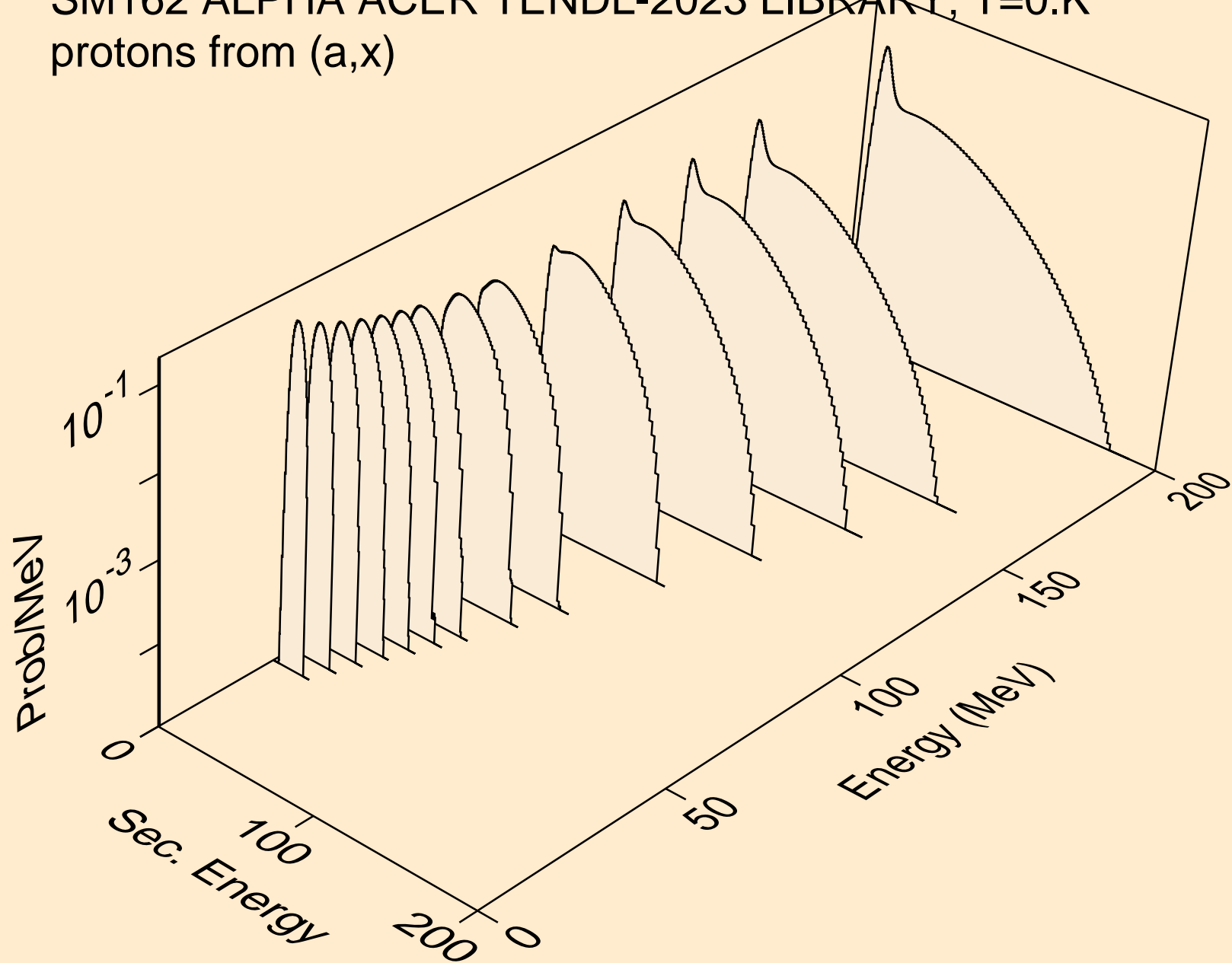




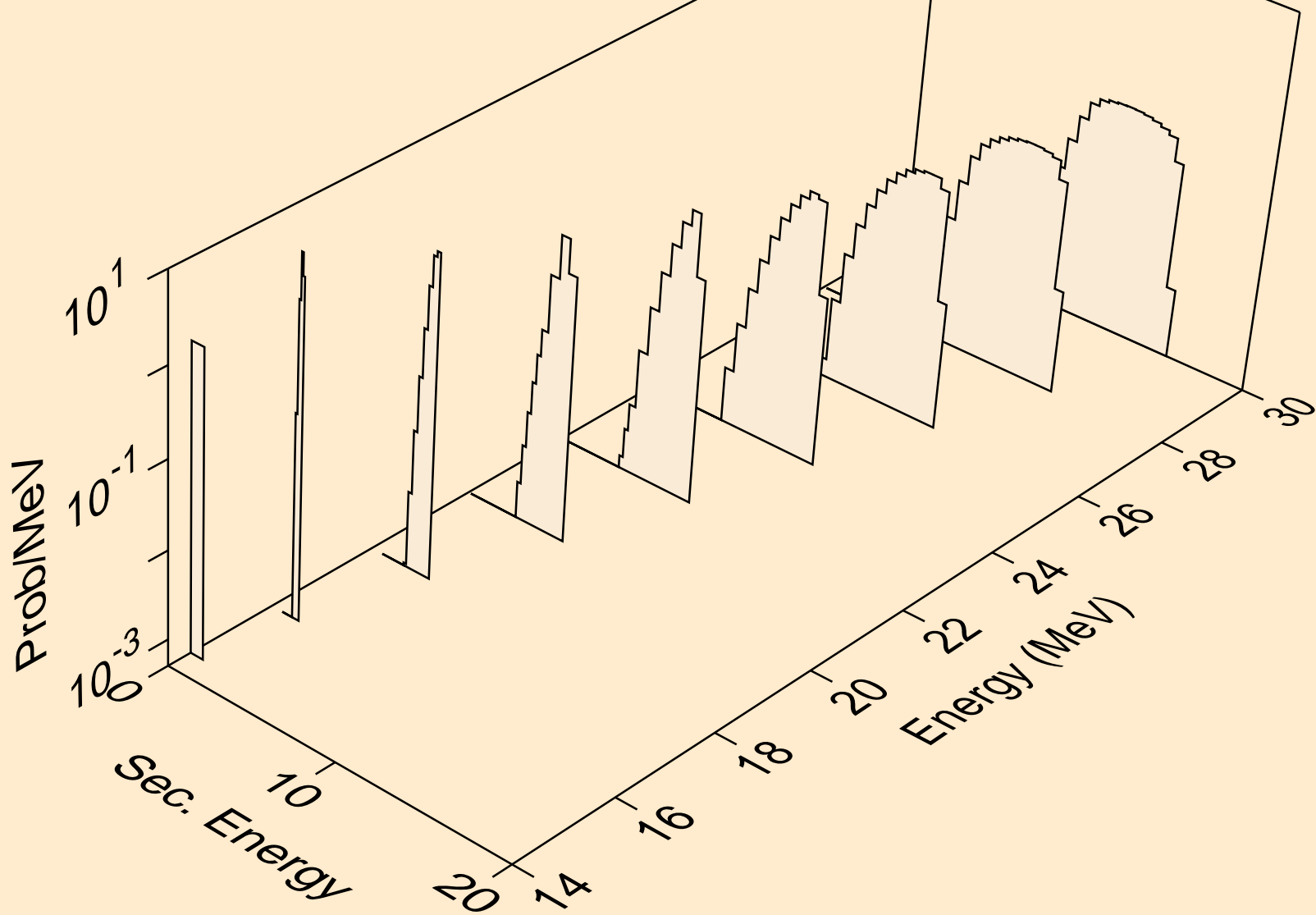
SM162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3np)



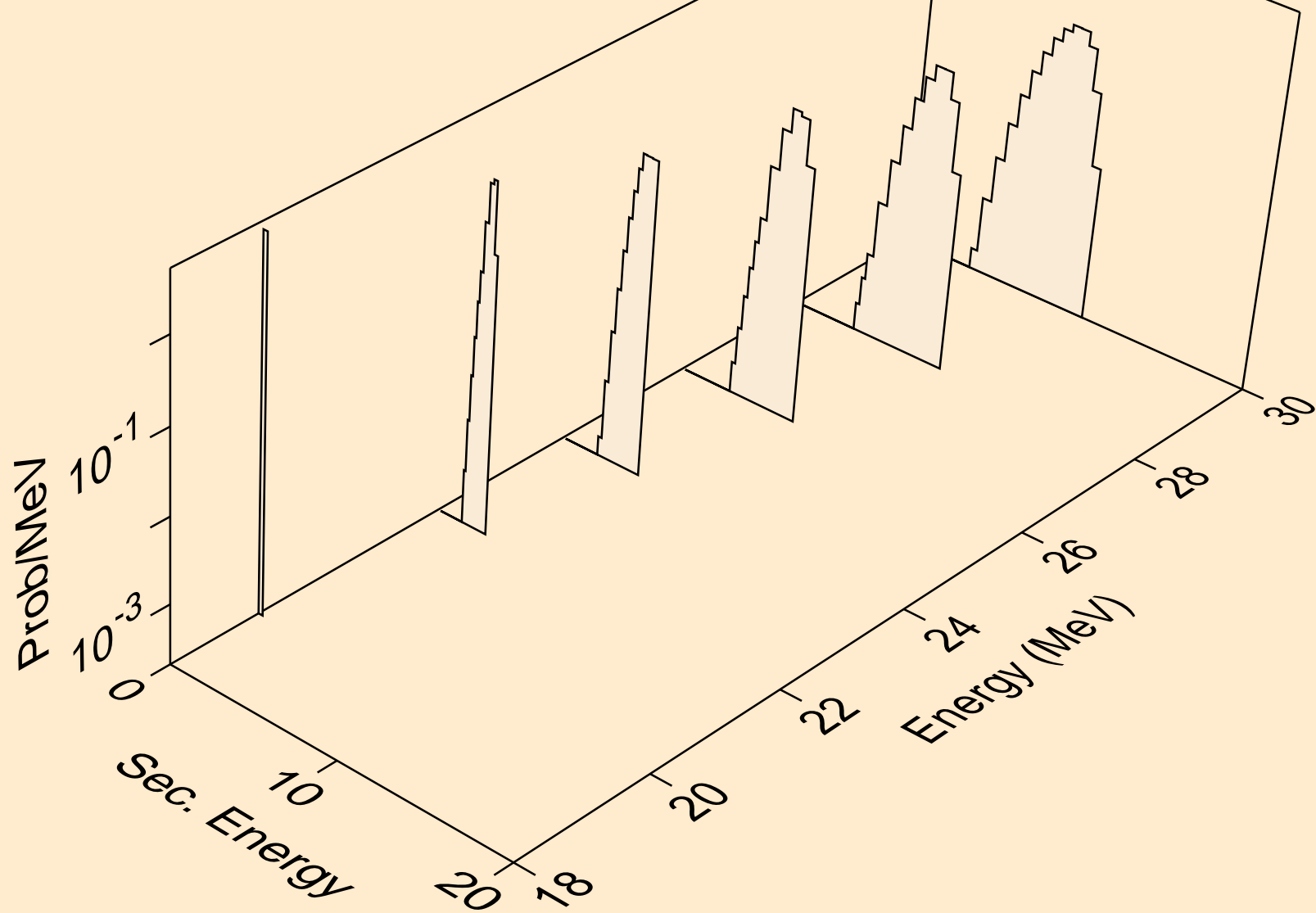
SM162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,x)



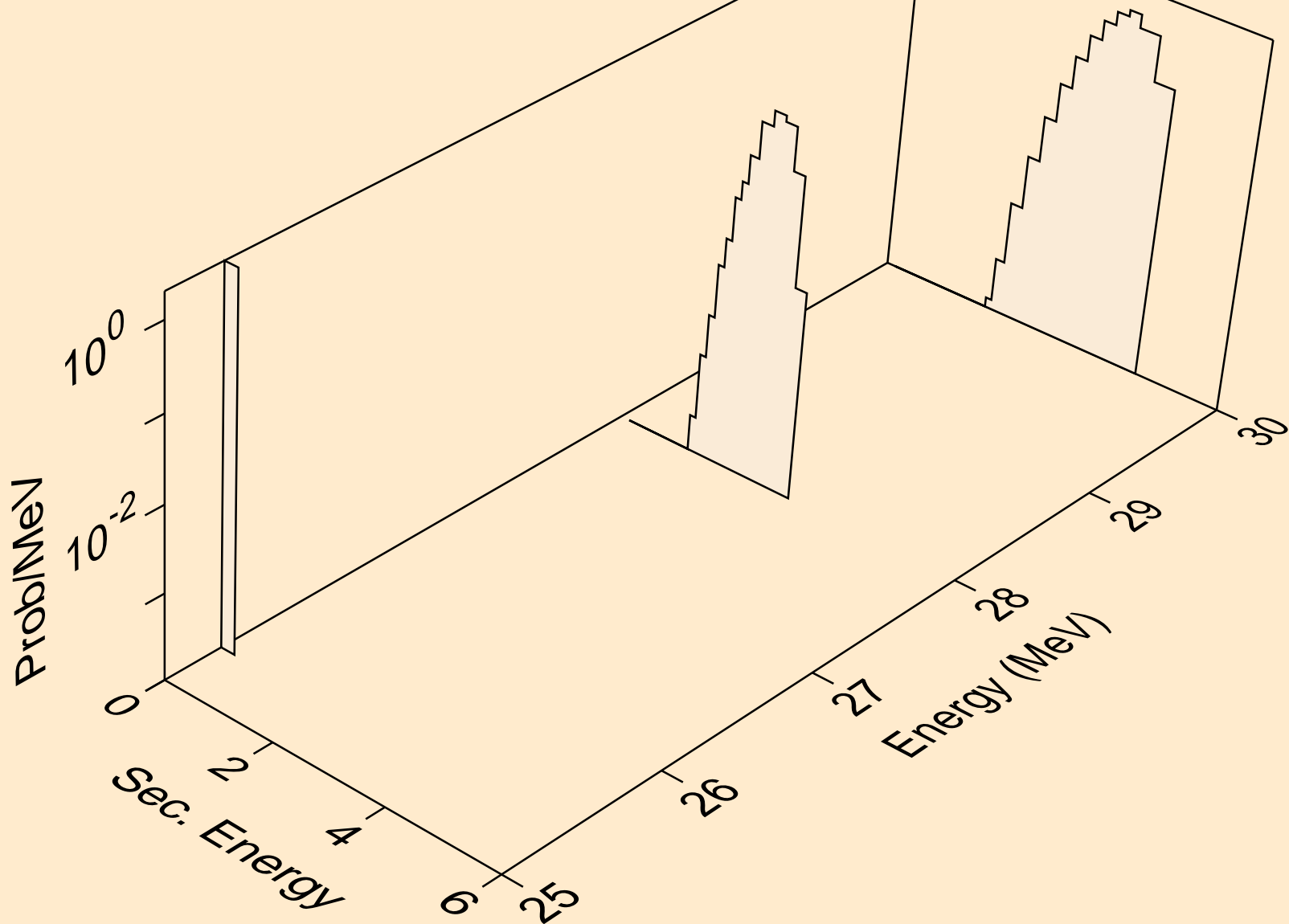
SM162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n\*)p



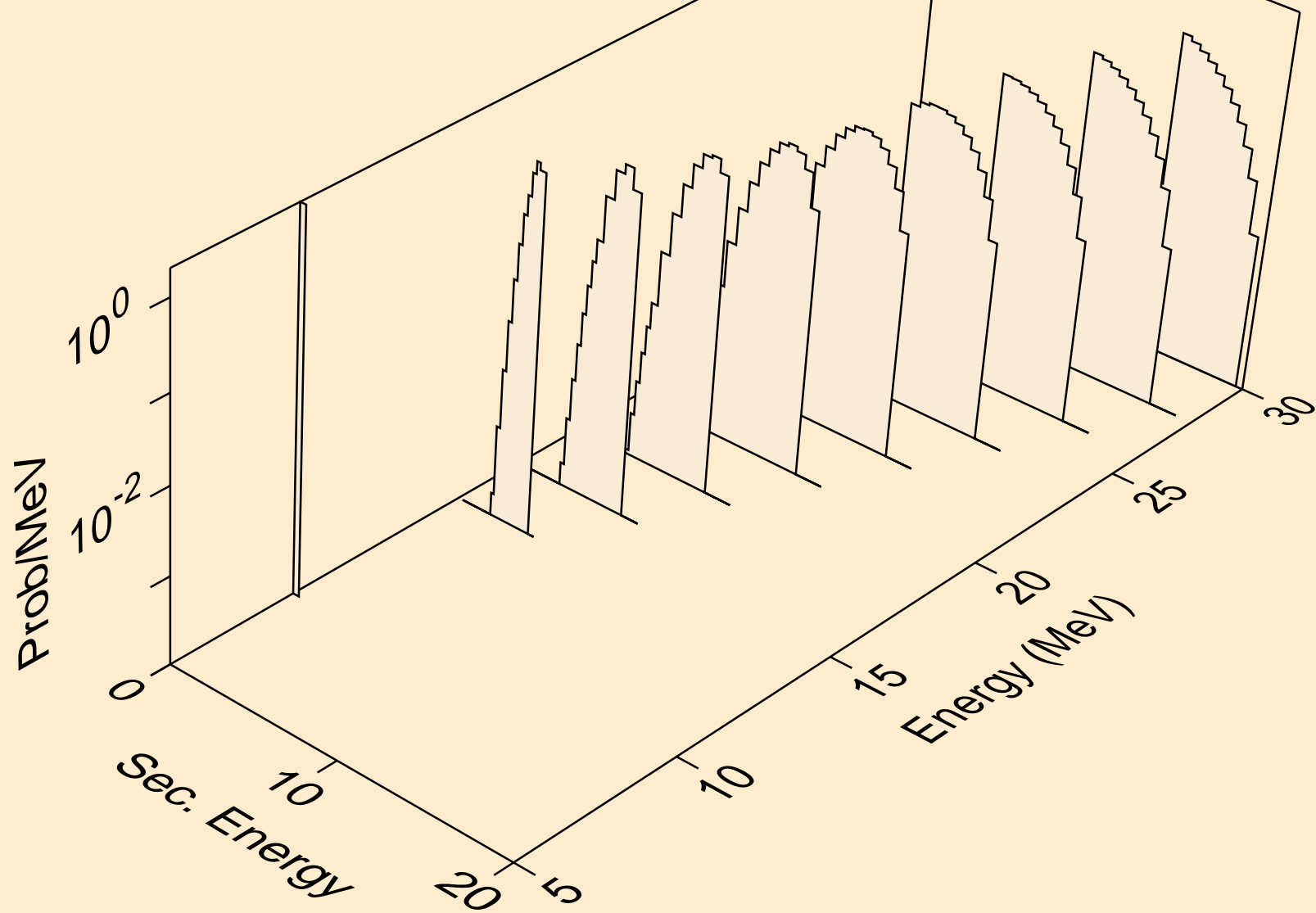
SM162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2np)



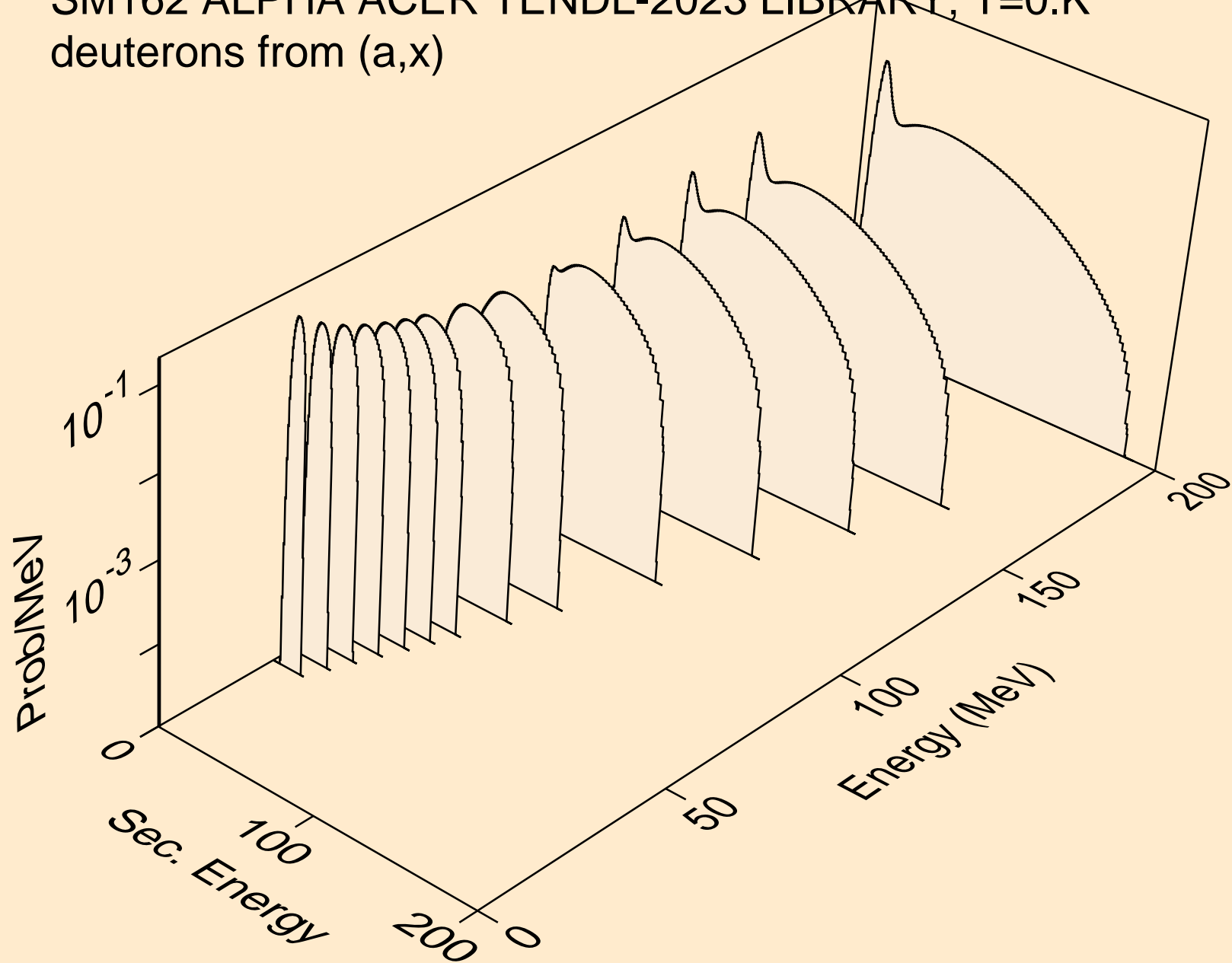
SM162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,3np)



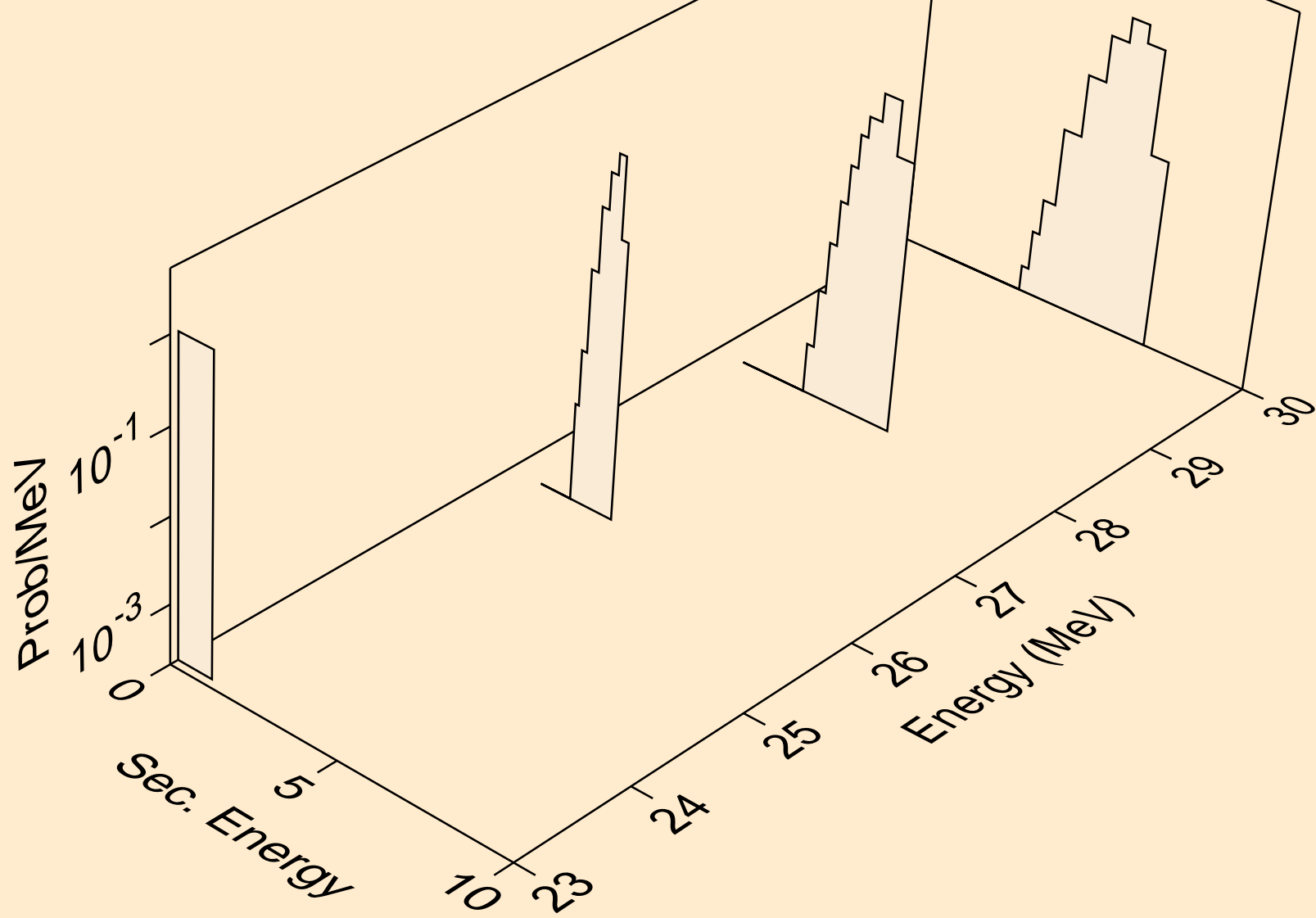
SM162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,p)



SM162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)

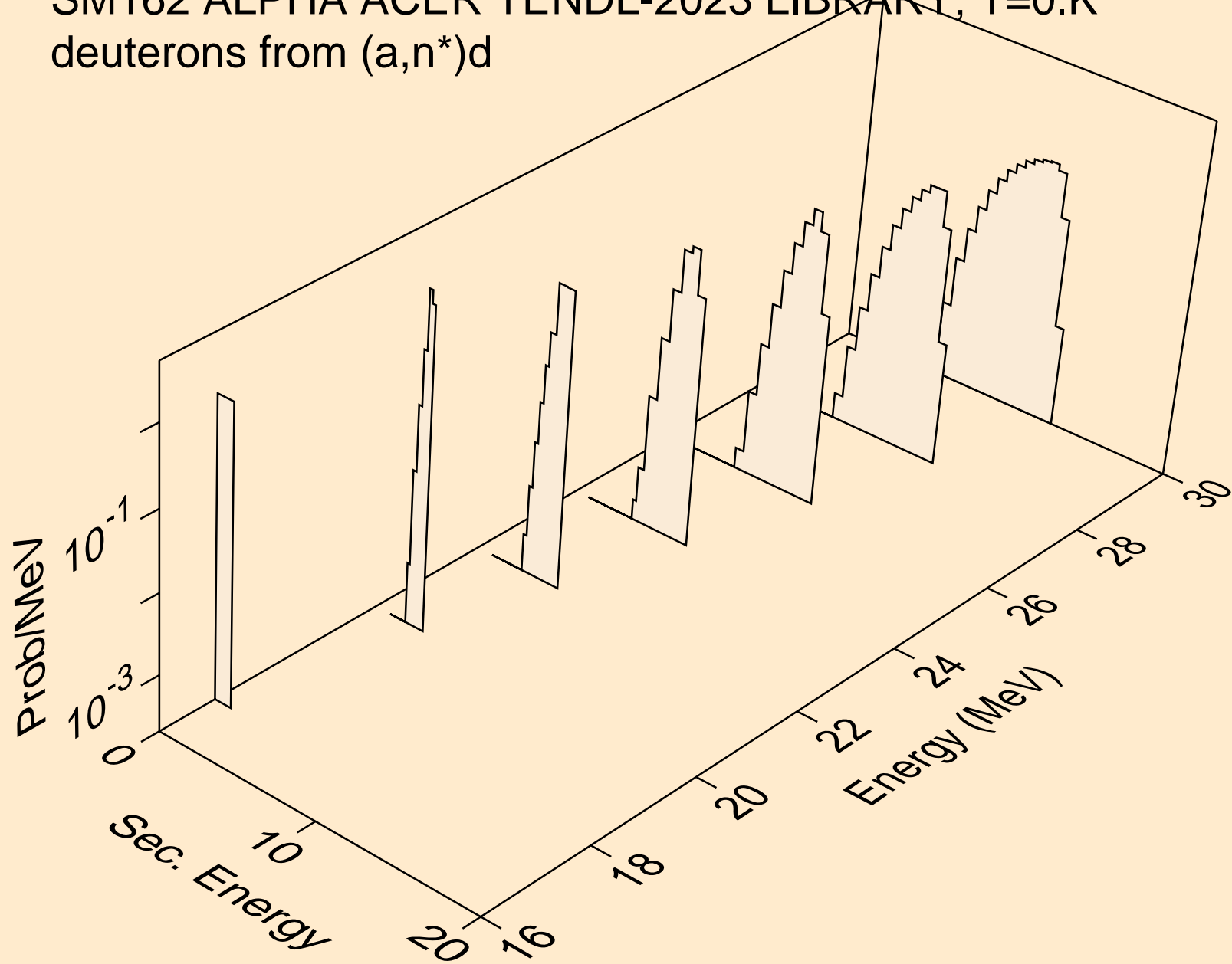


SM162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,2nd)

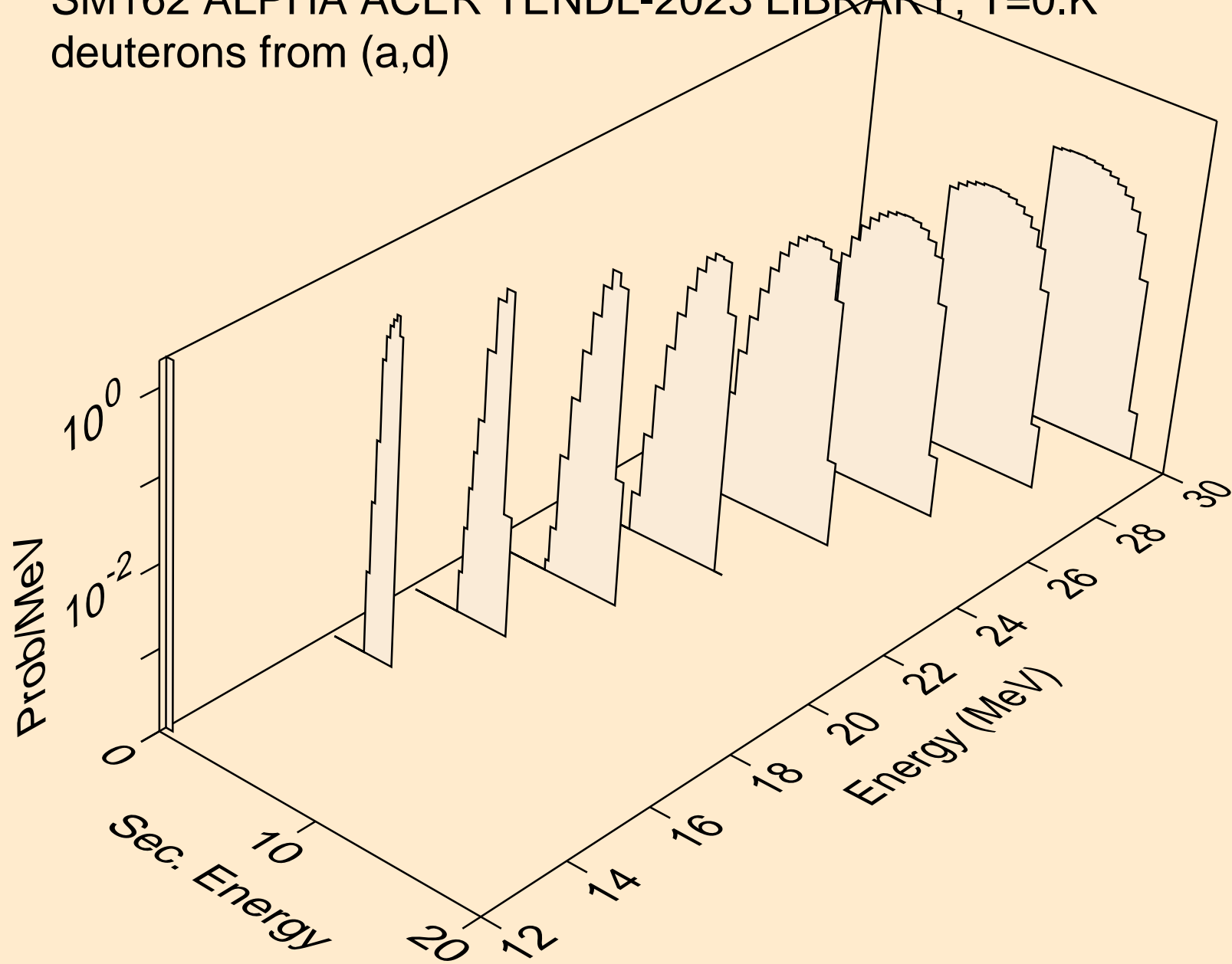




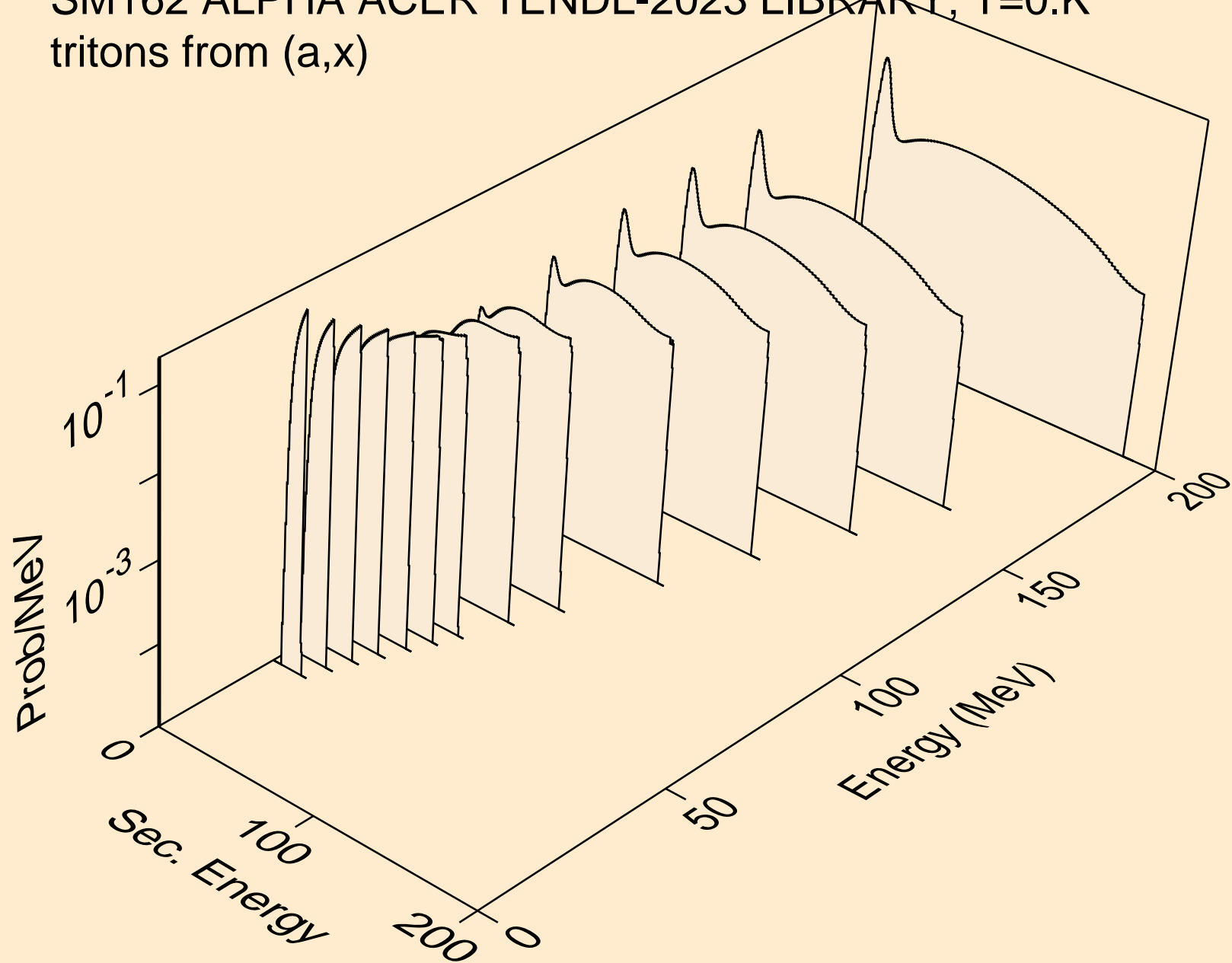
SM162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,n\*)d



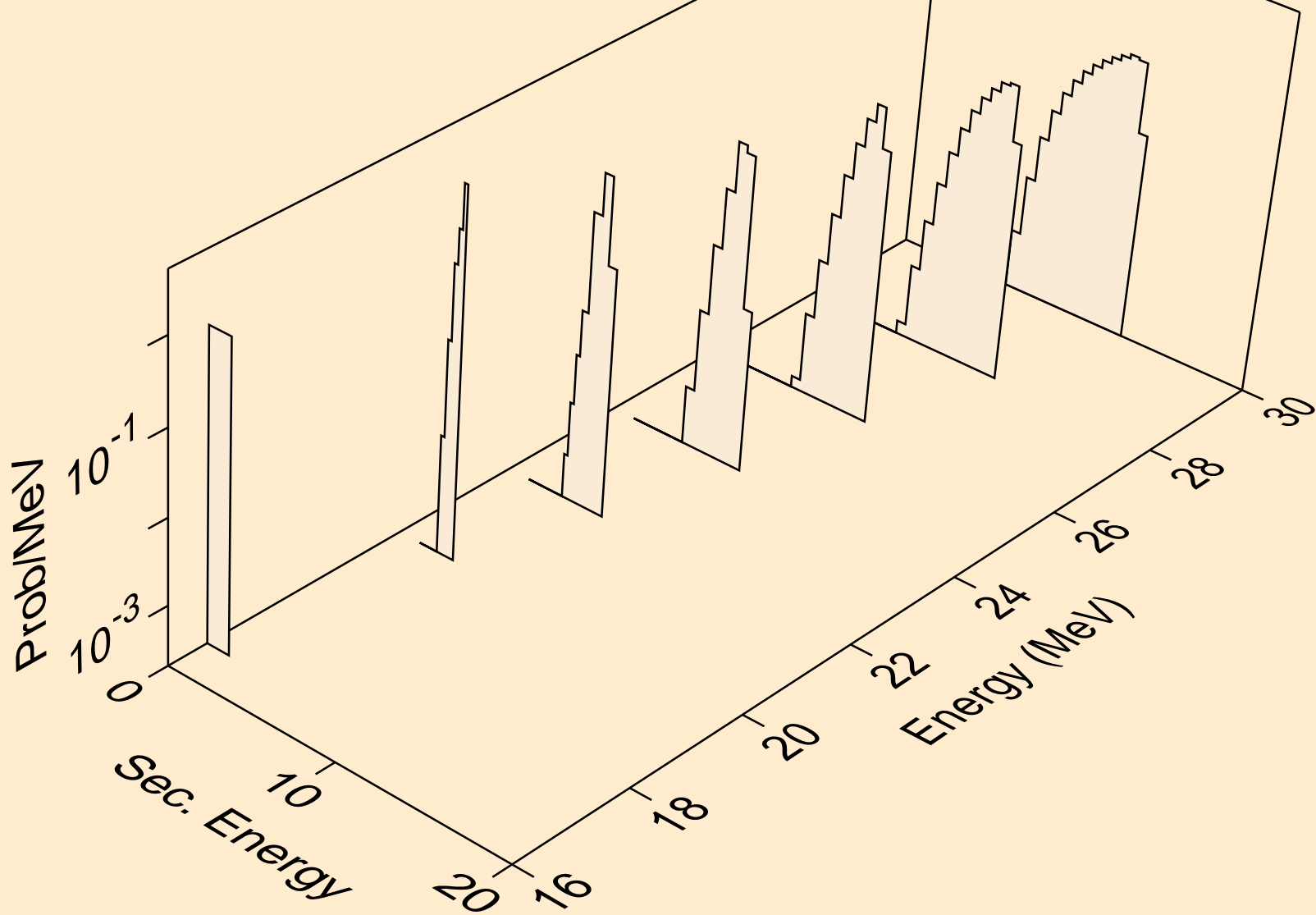
SM162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,d)



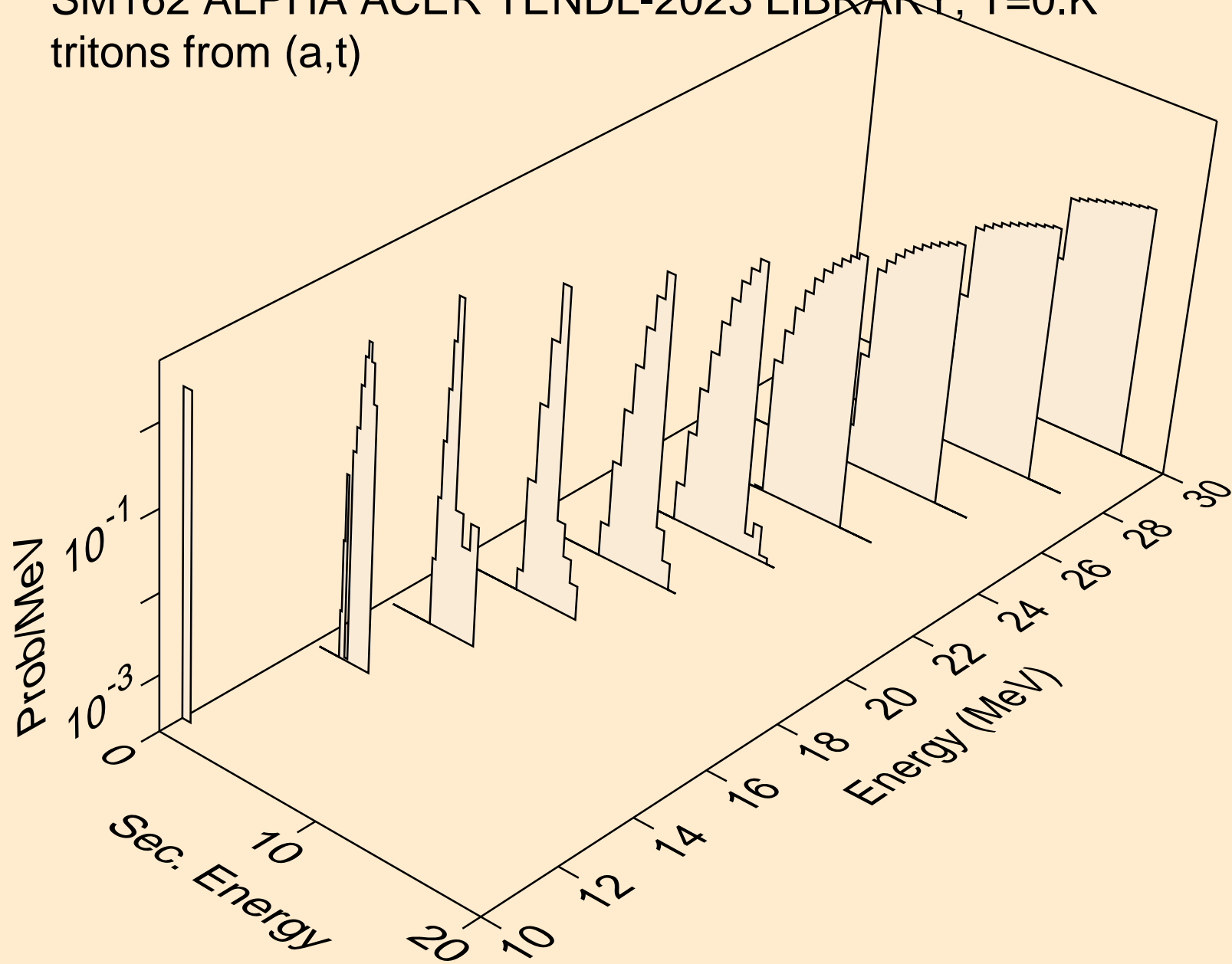
SM162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)



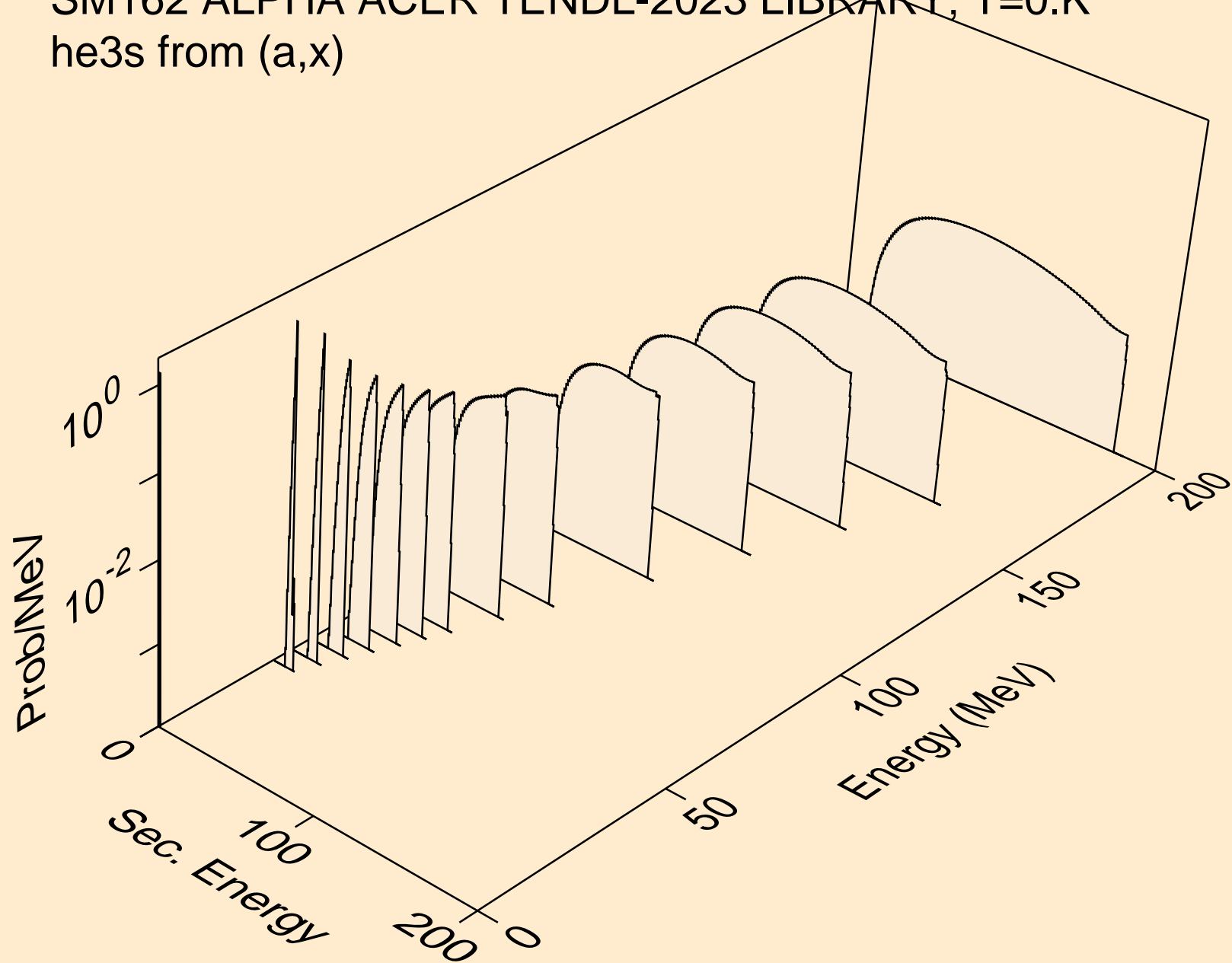
SM162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,n\*)t



SM162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)



SM162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



SM162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

