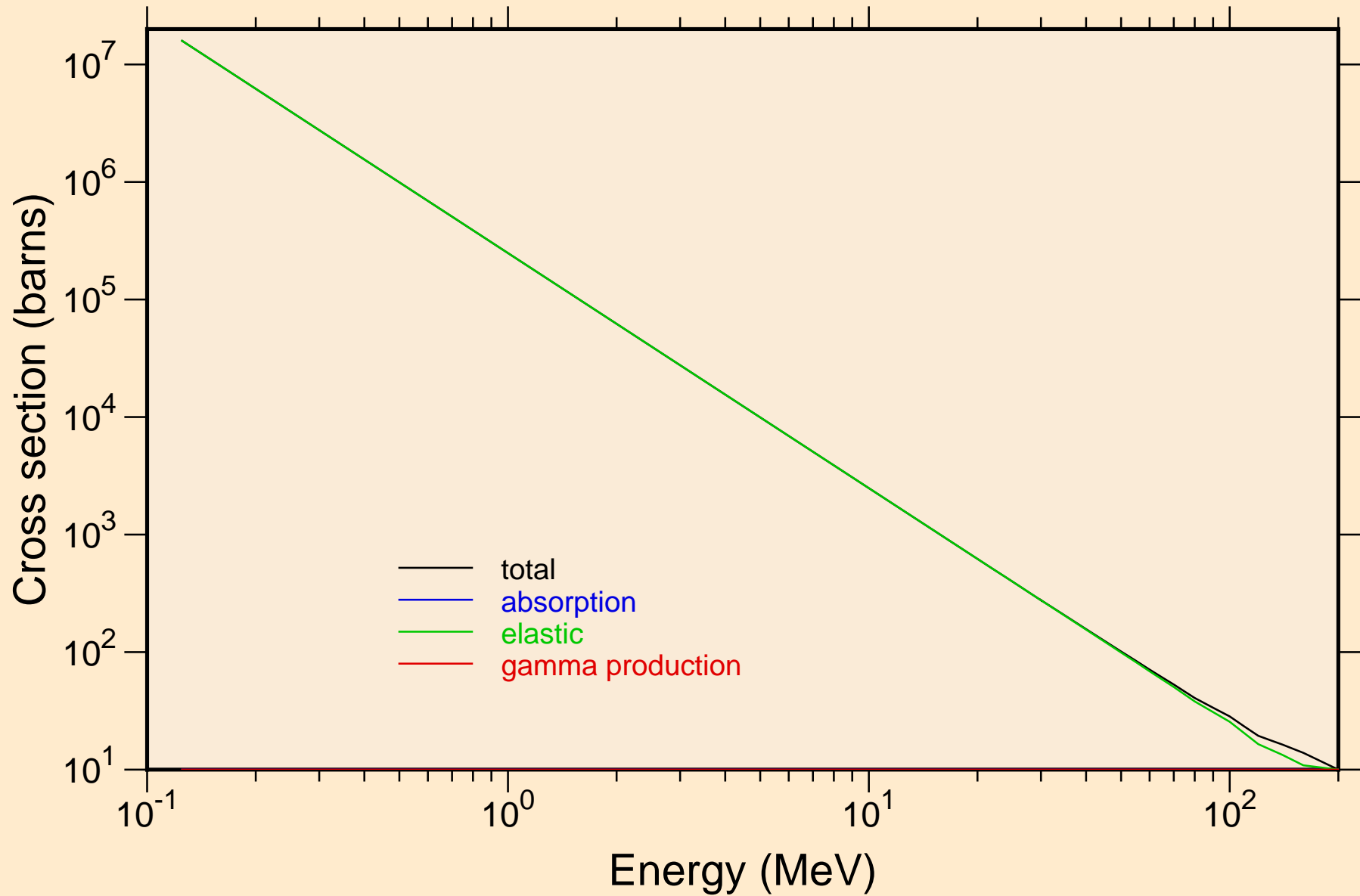
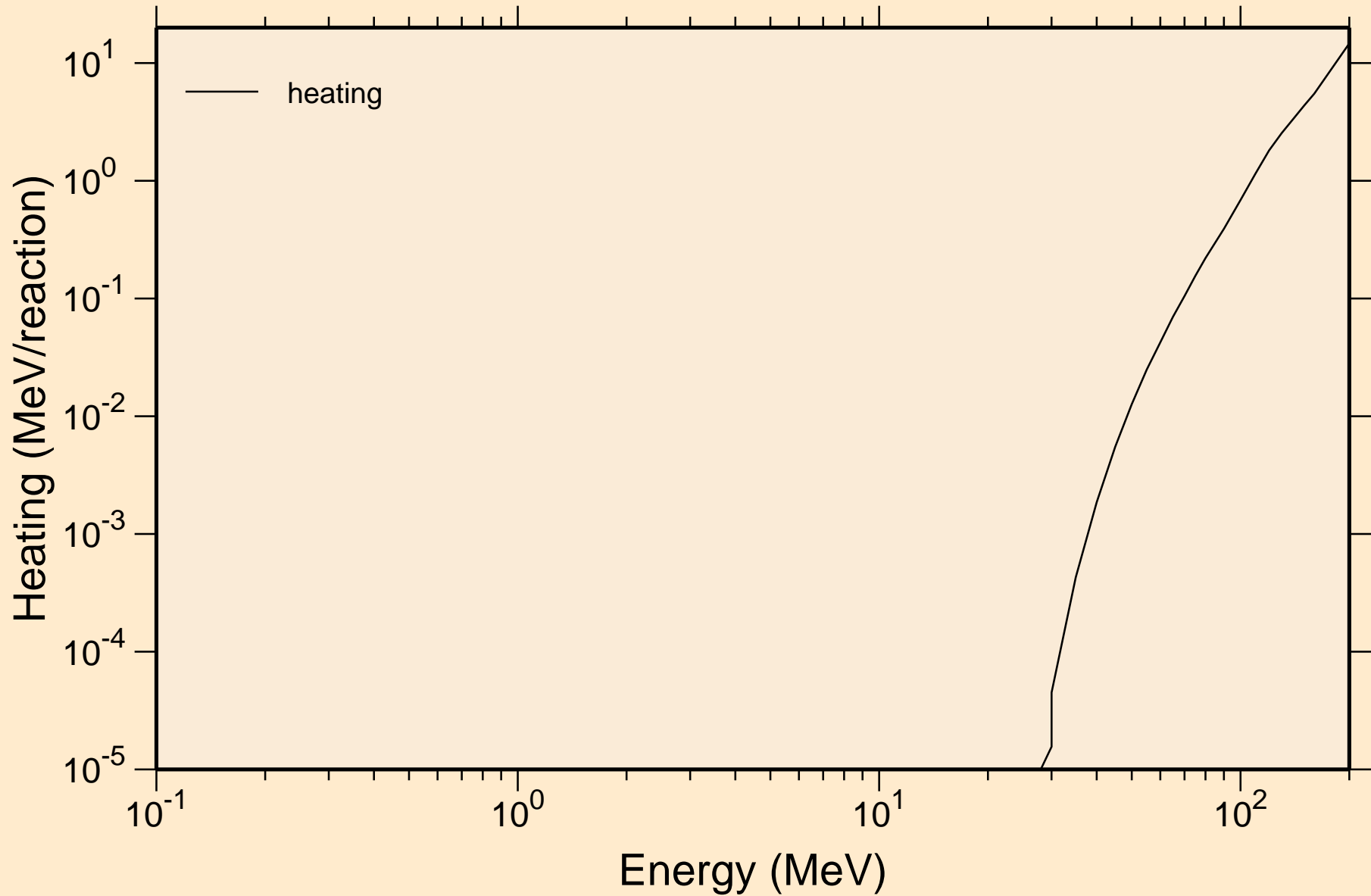


ES244 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



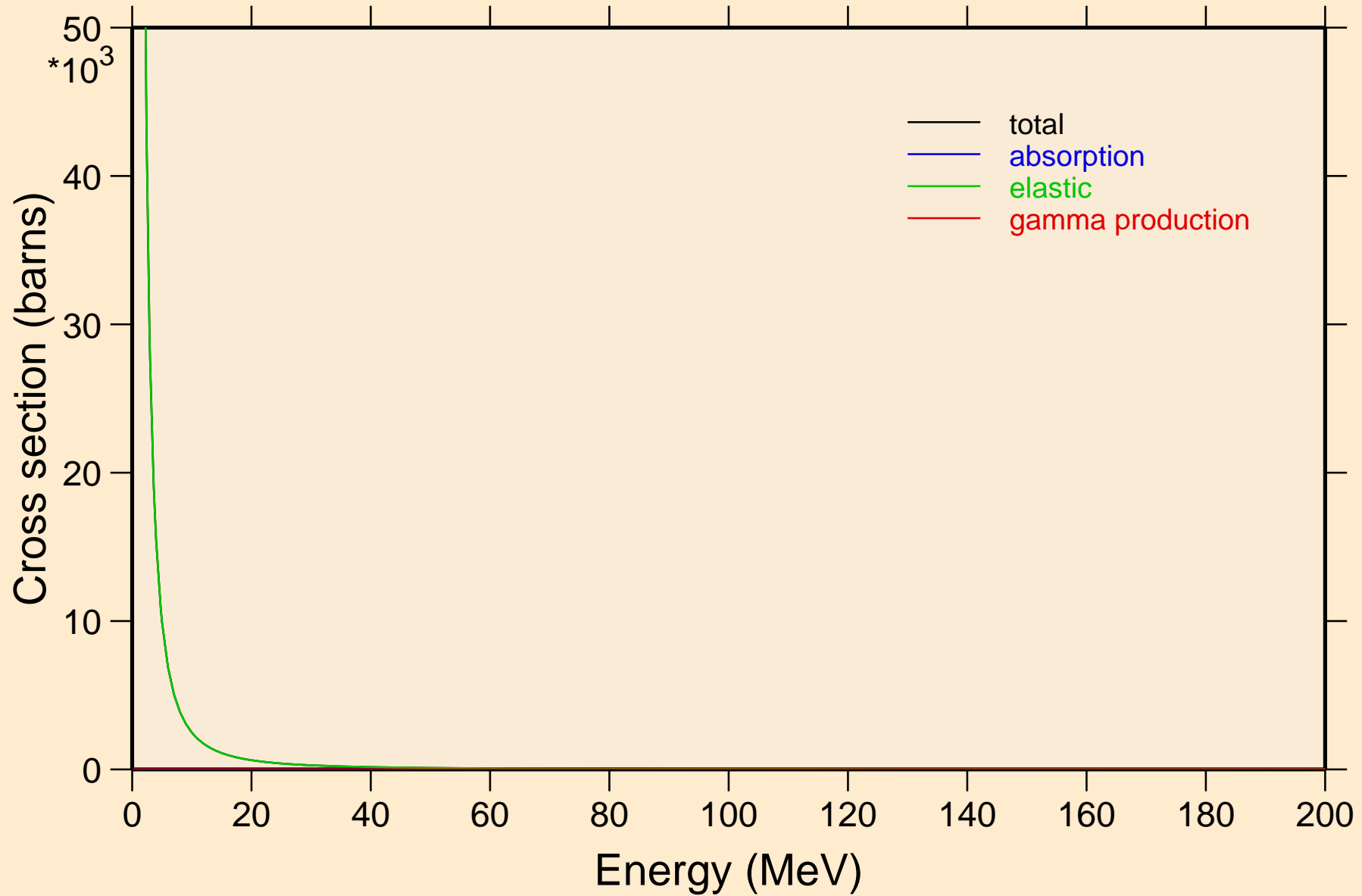
# ES244 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Heating



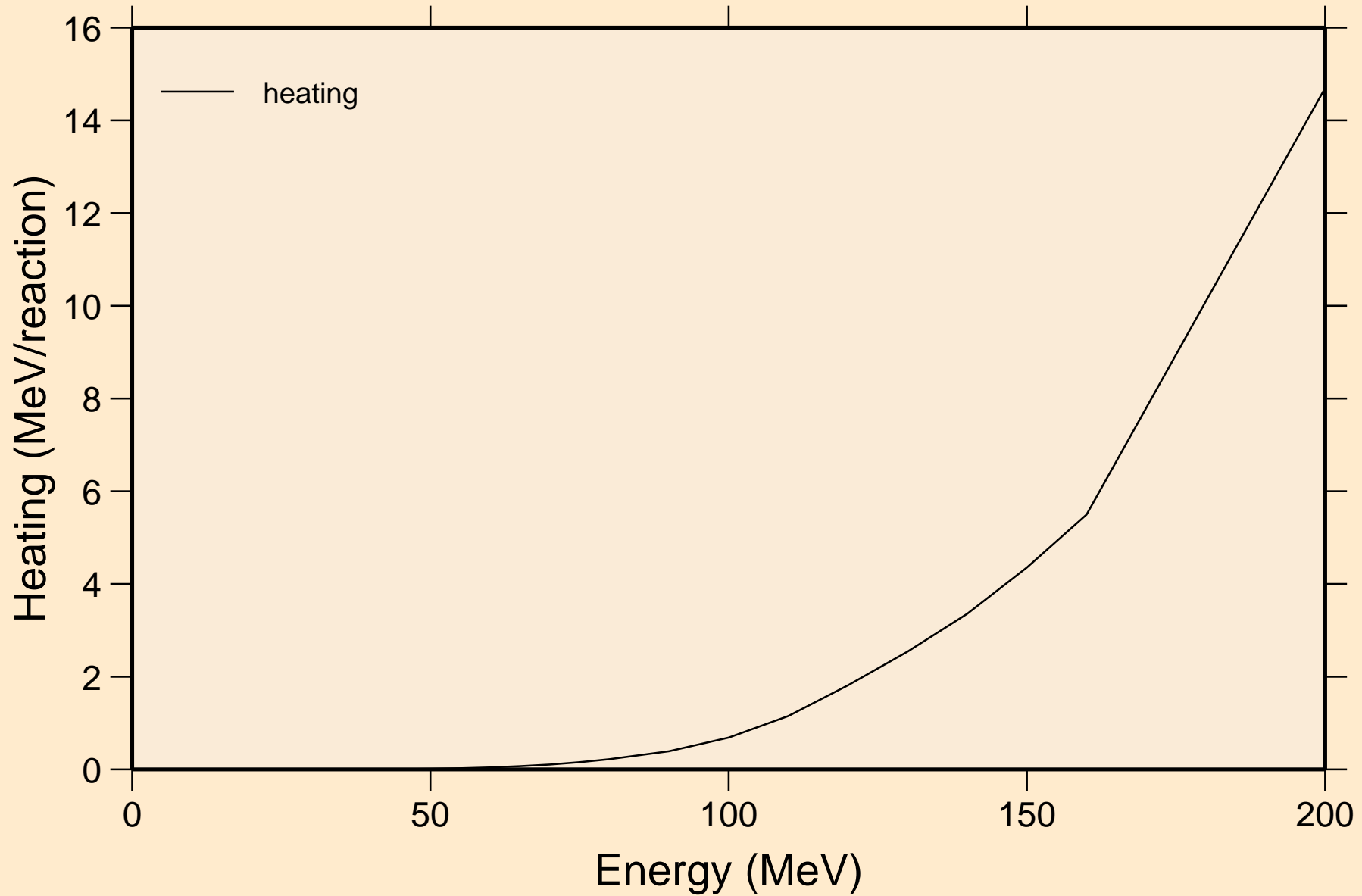
# ES244 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



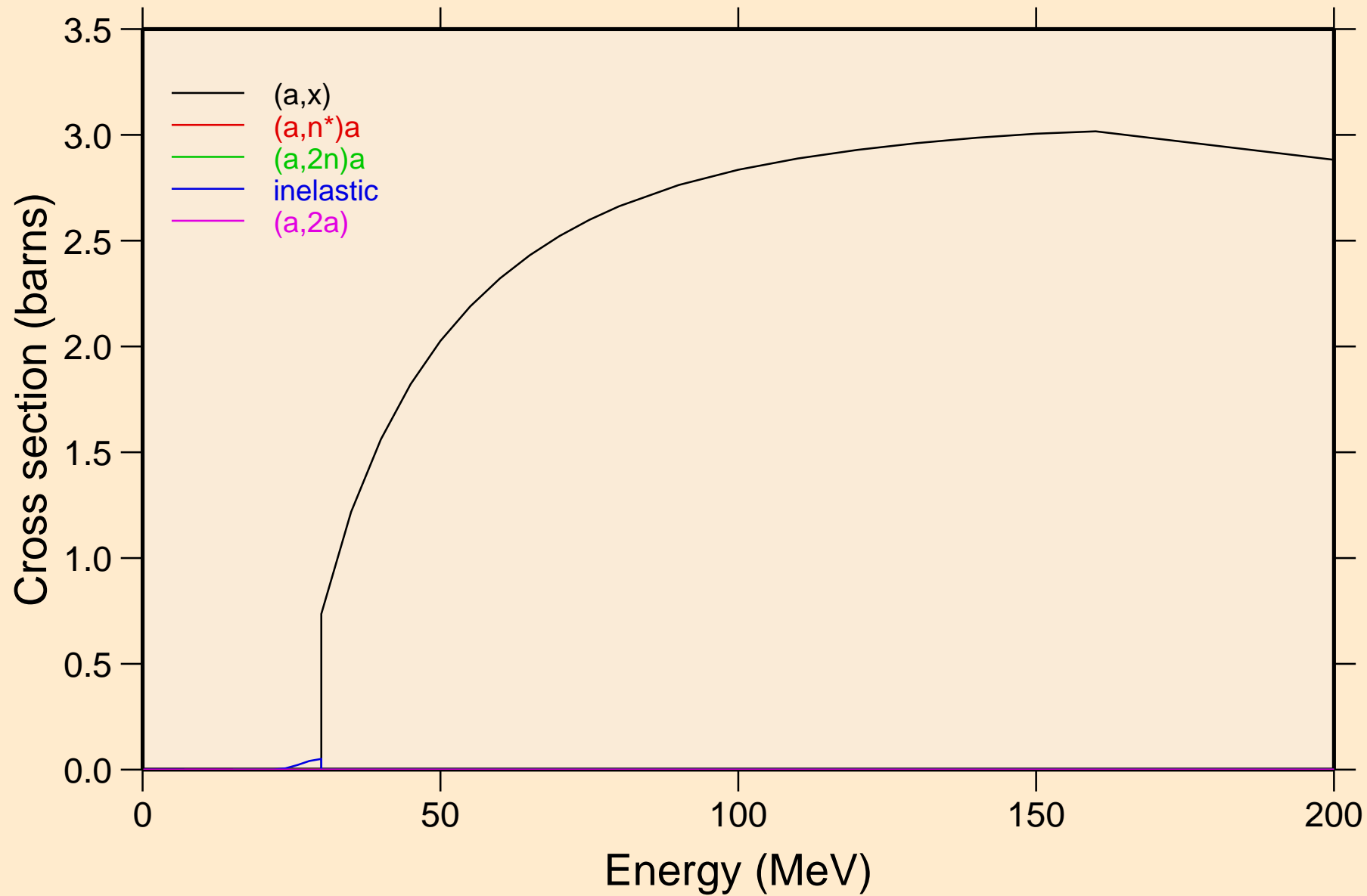
ES244 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating

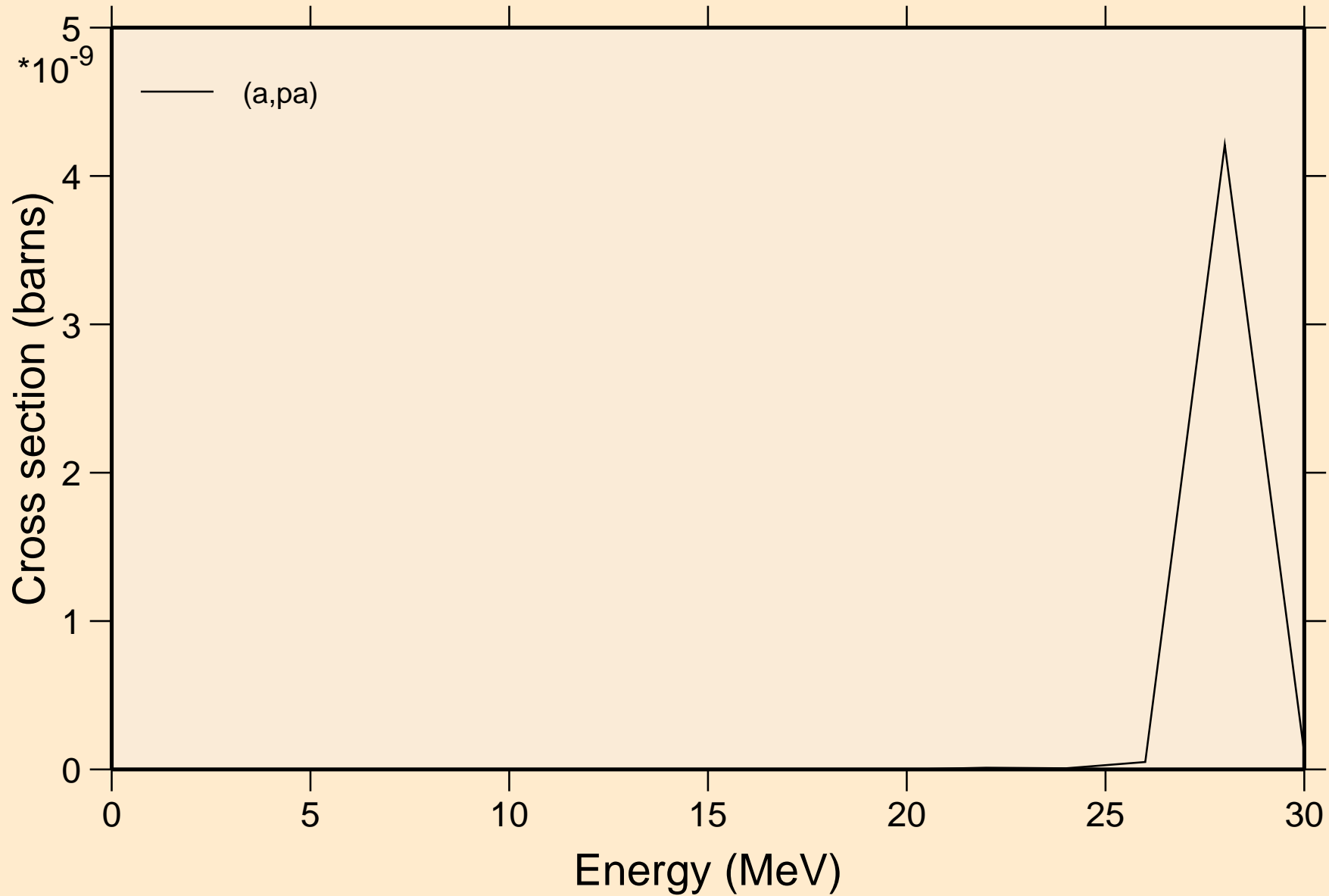


# ES244 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

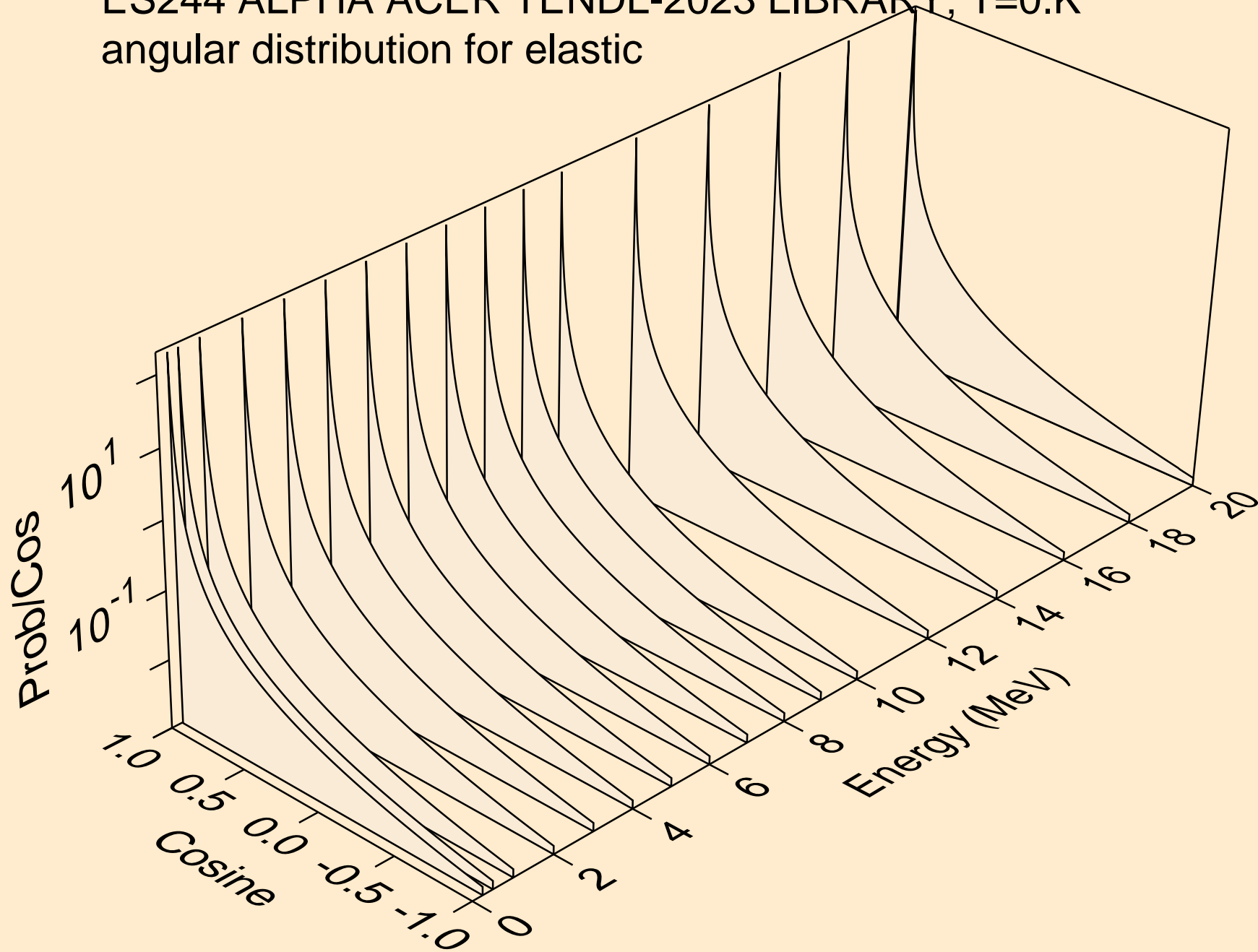
## Threshold reactions



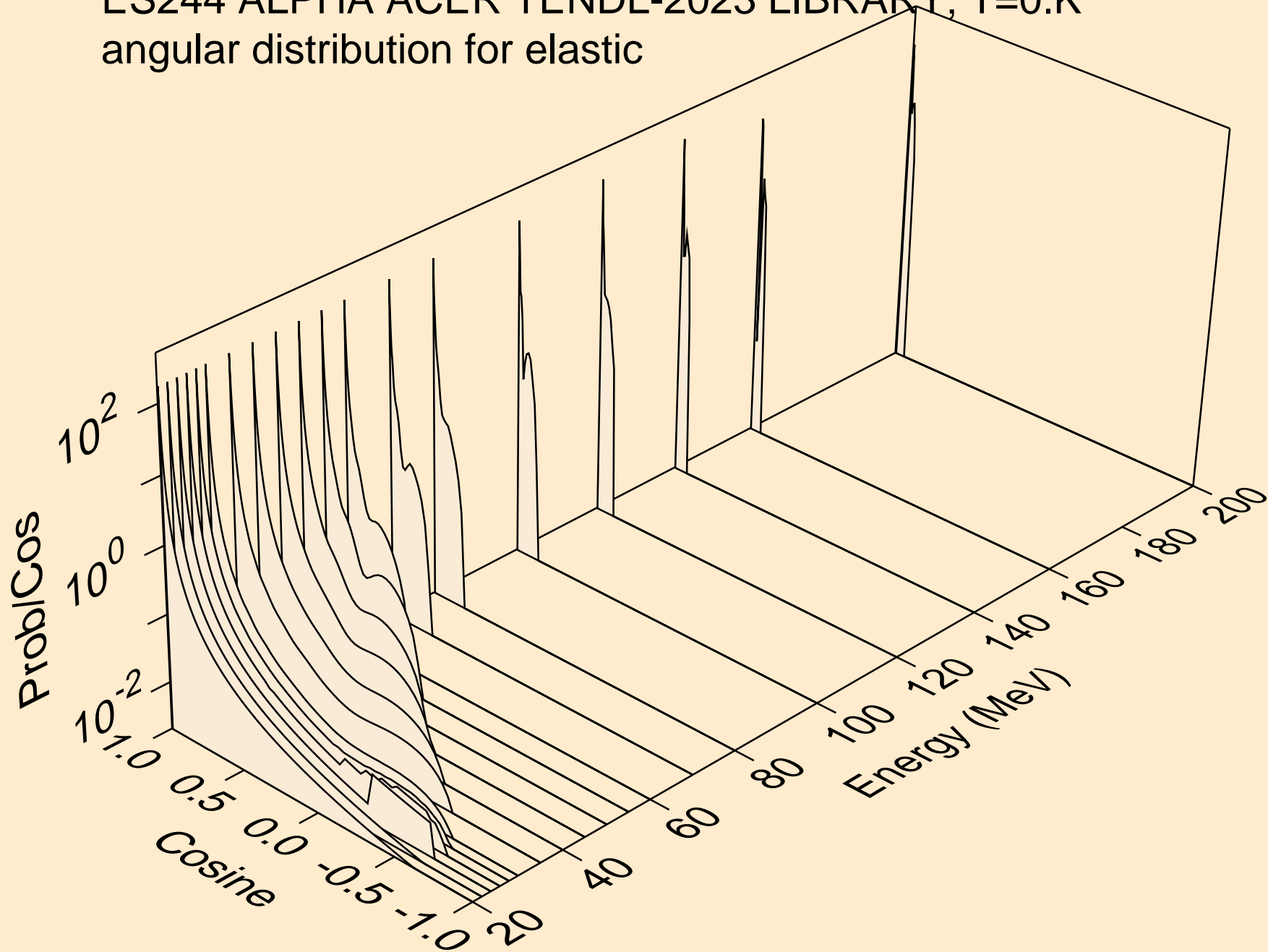
ES244 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



ES244 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

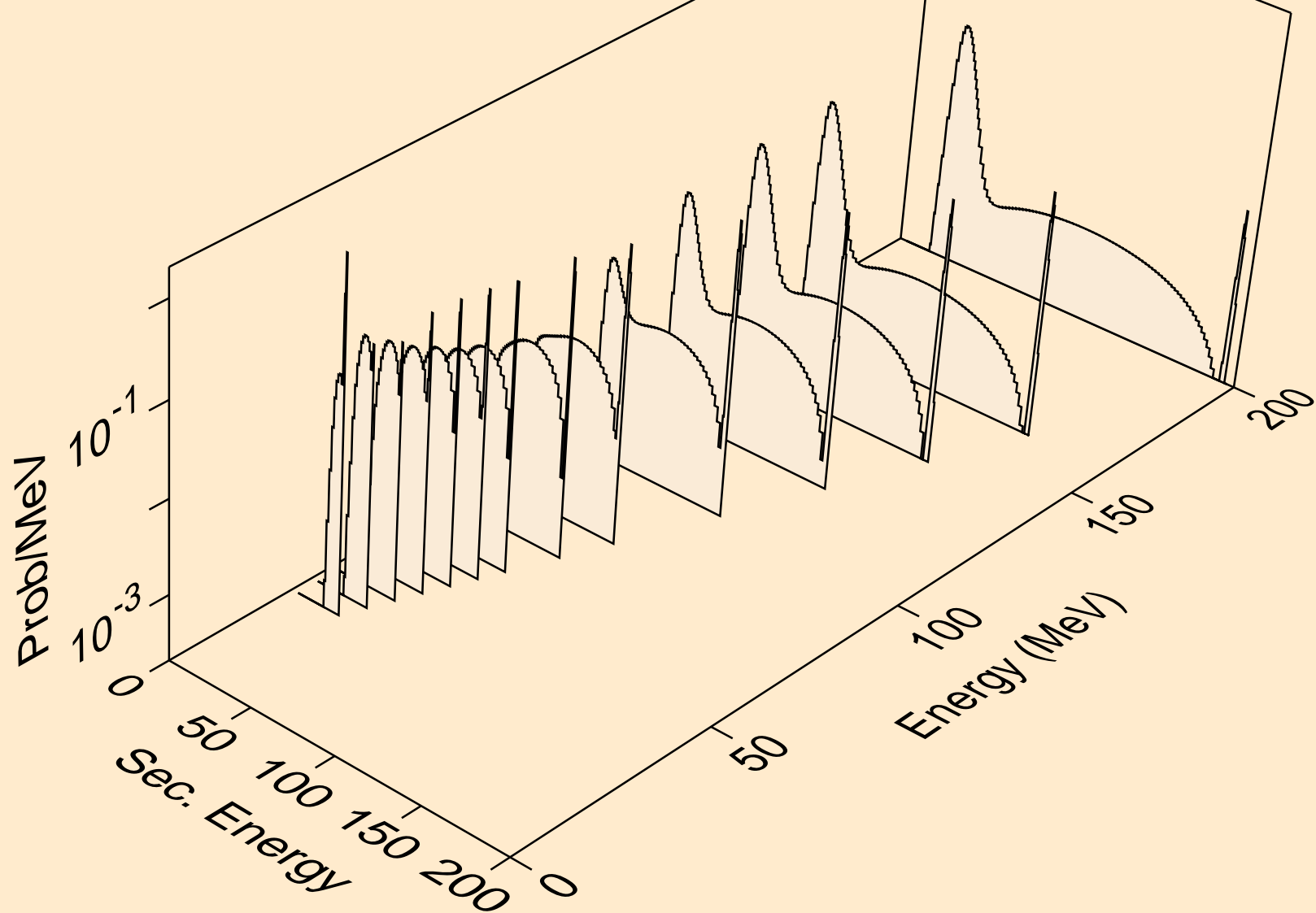


ES244 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



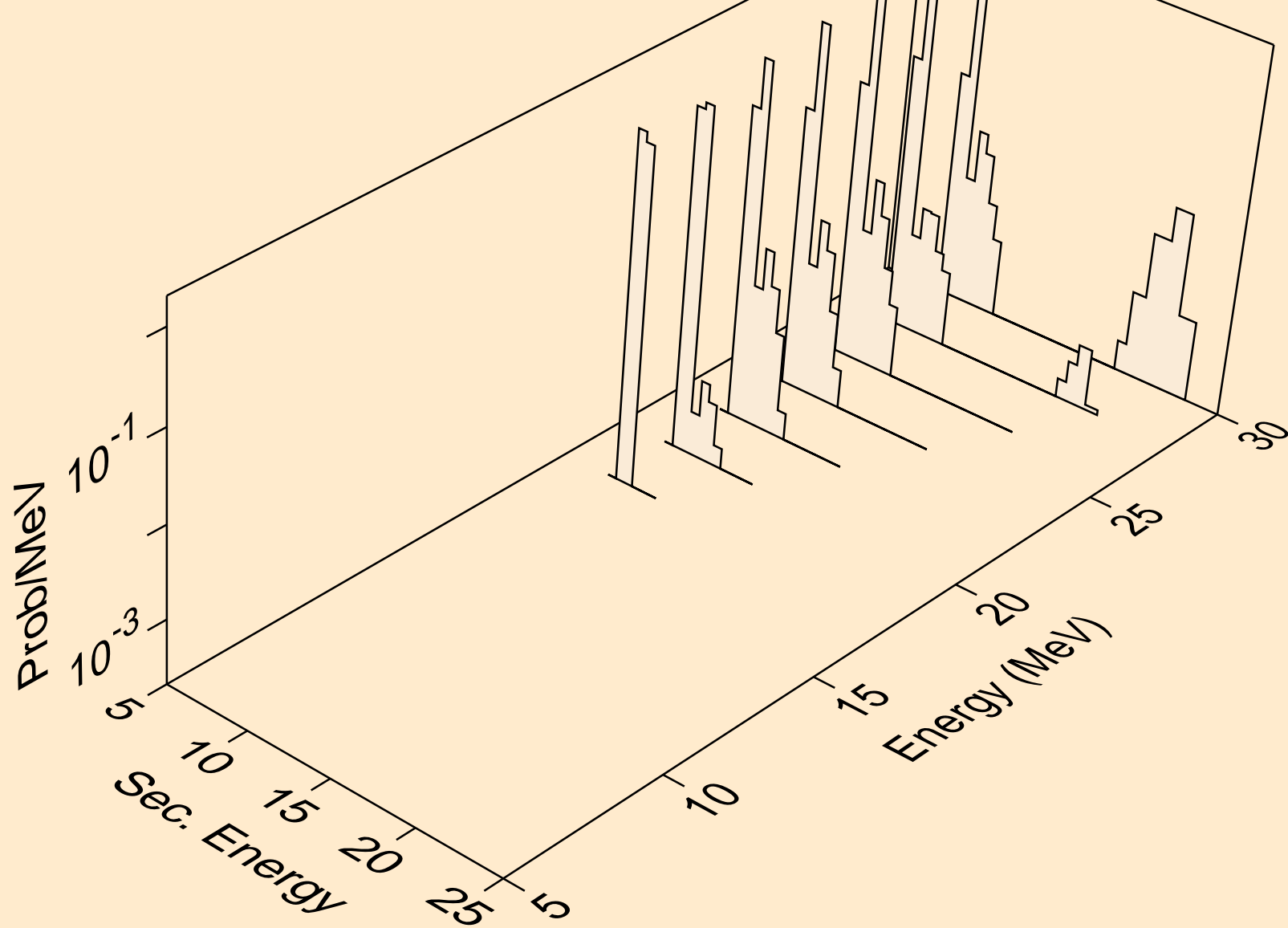
# ES244 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,x)



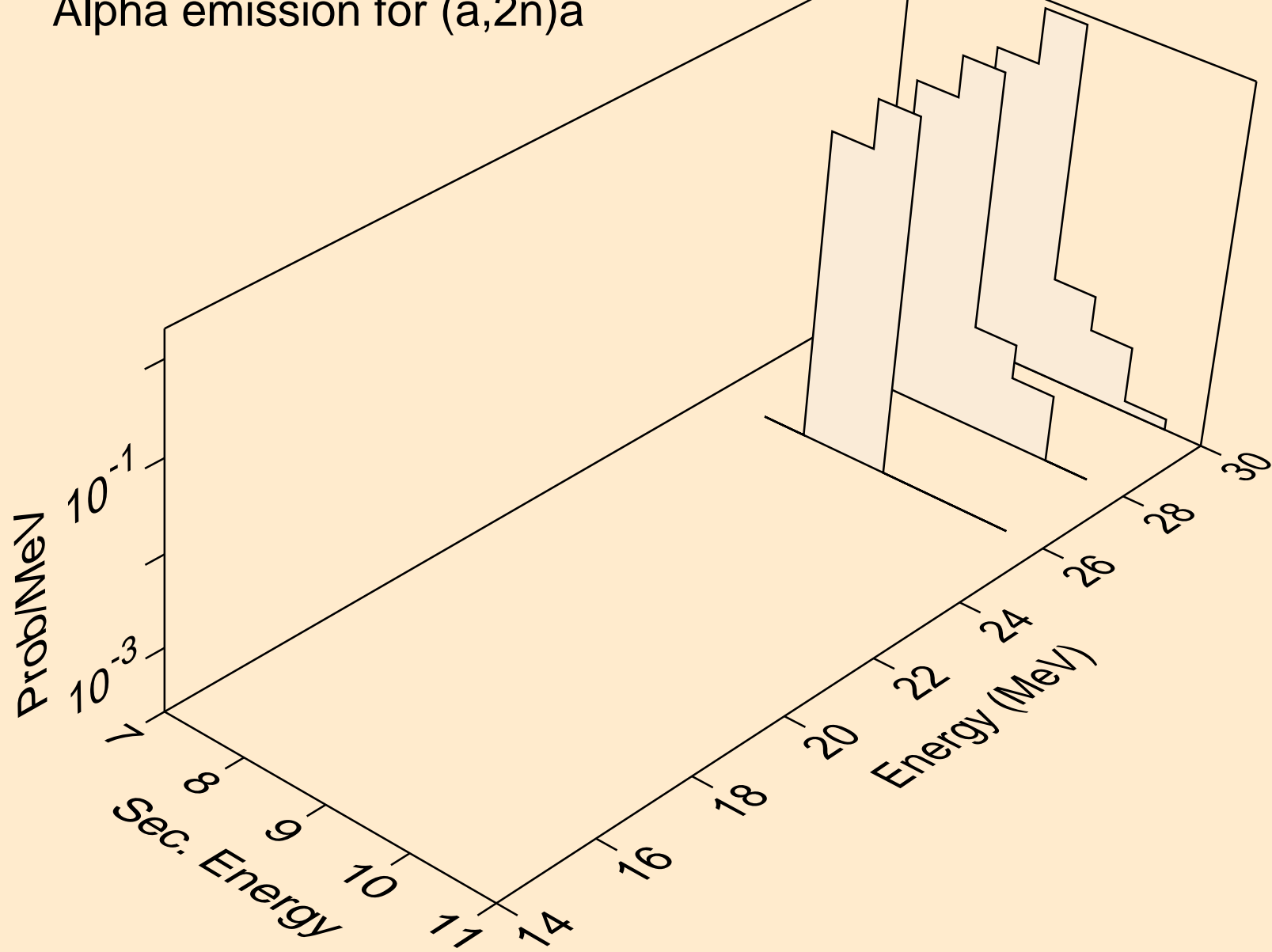
# ES244 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,n\*)a

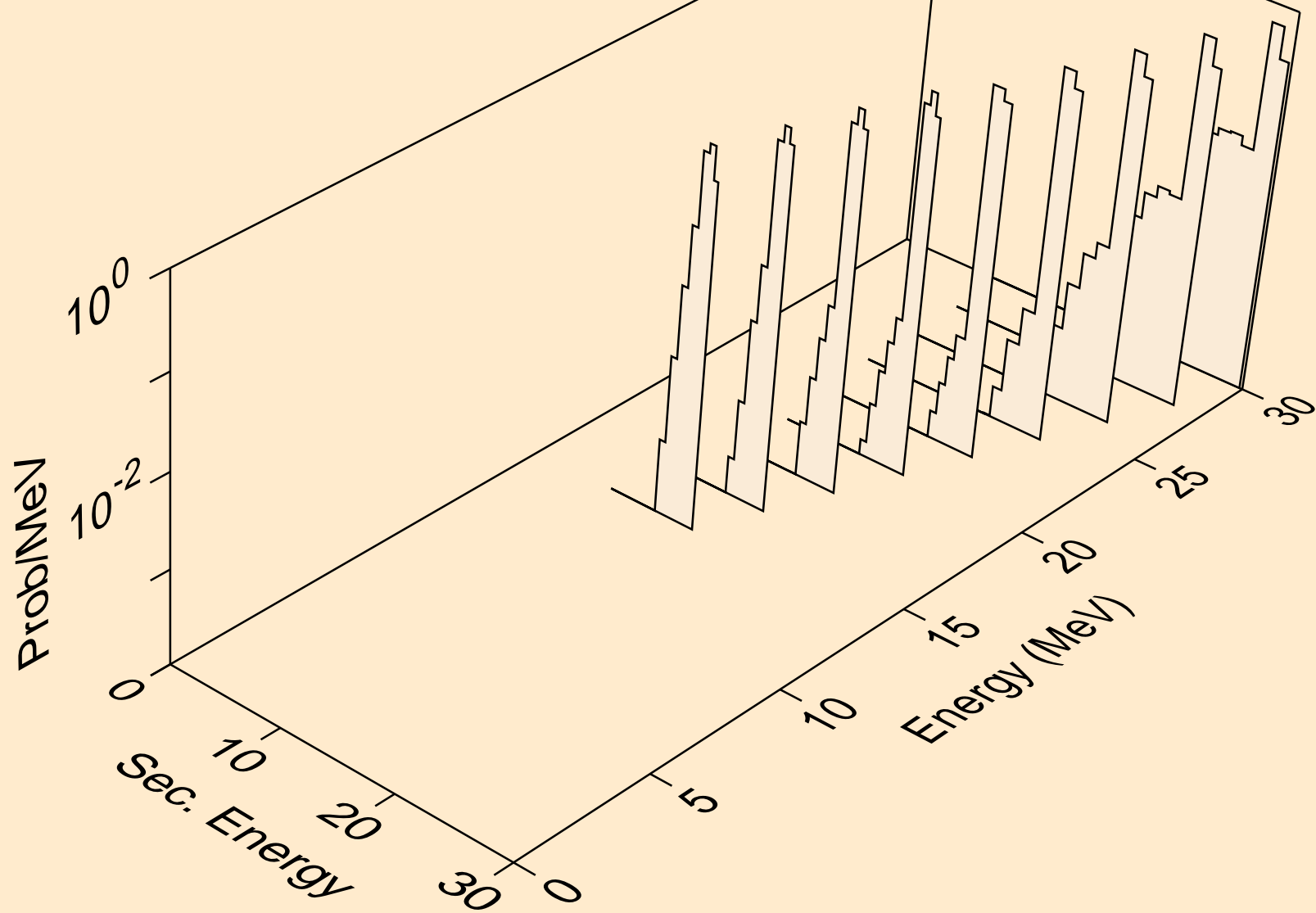


ES244 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,2n)a

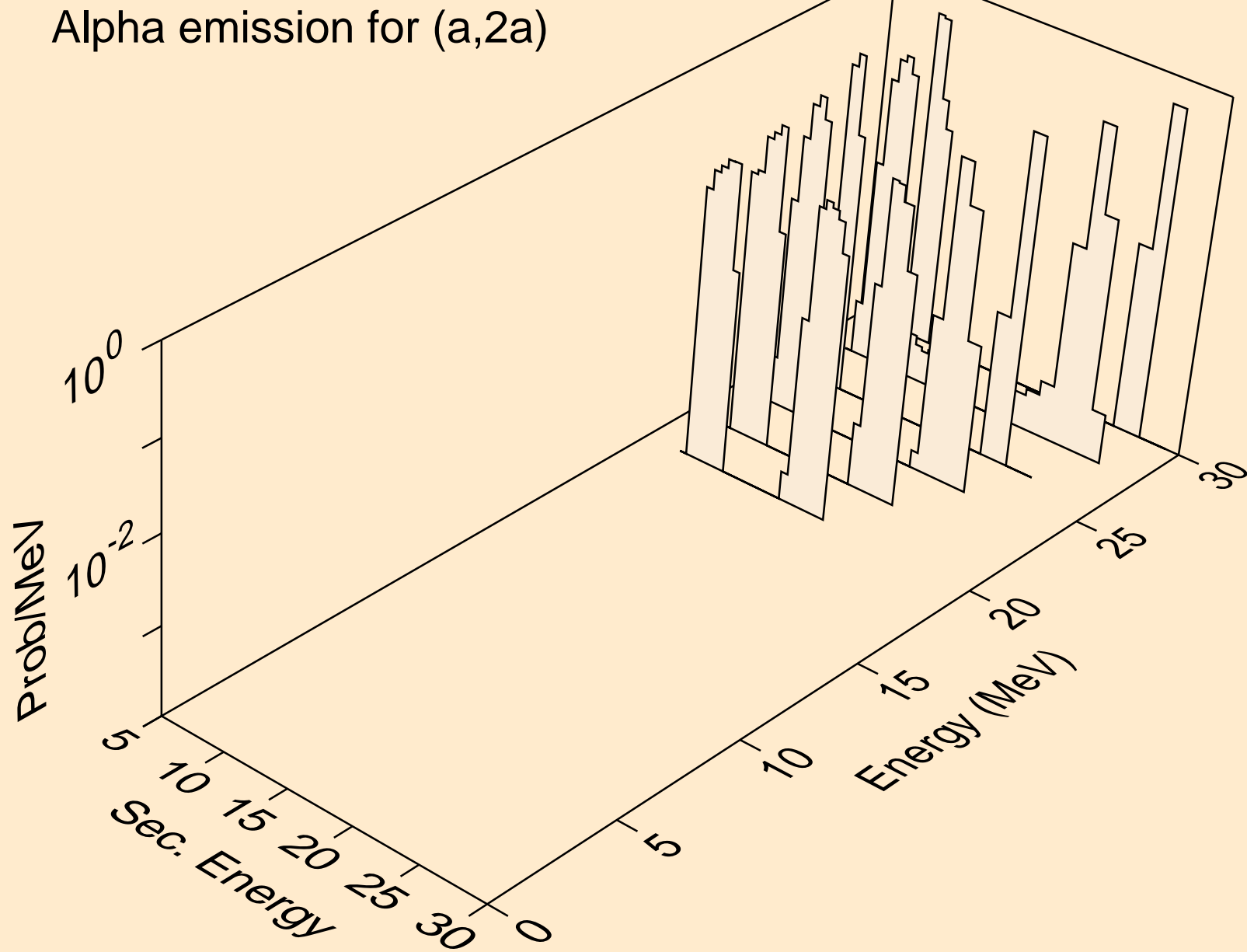


ES244 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic



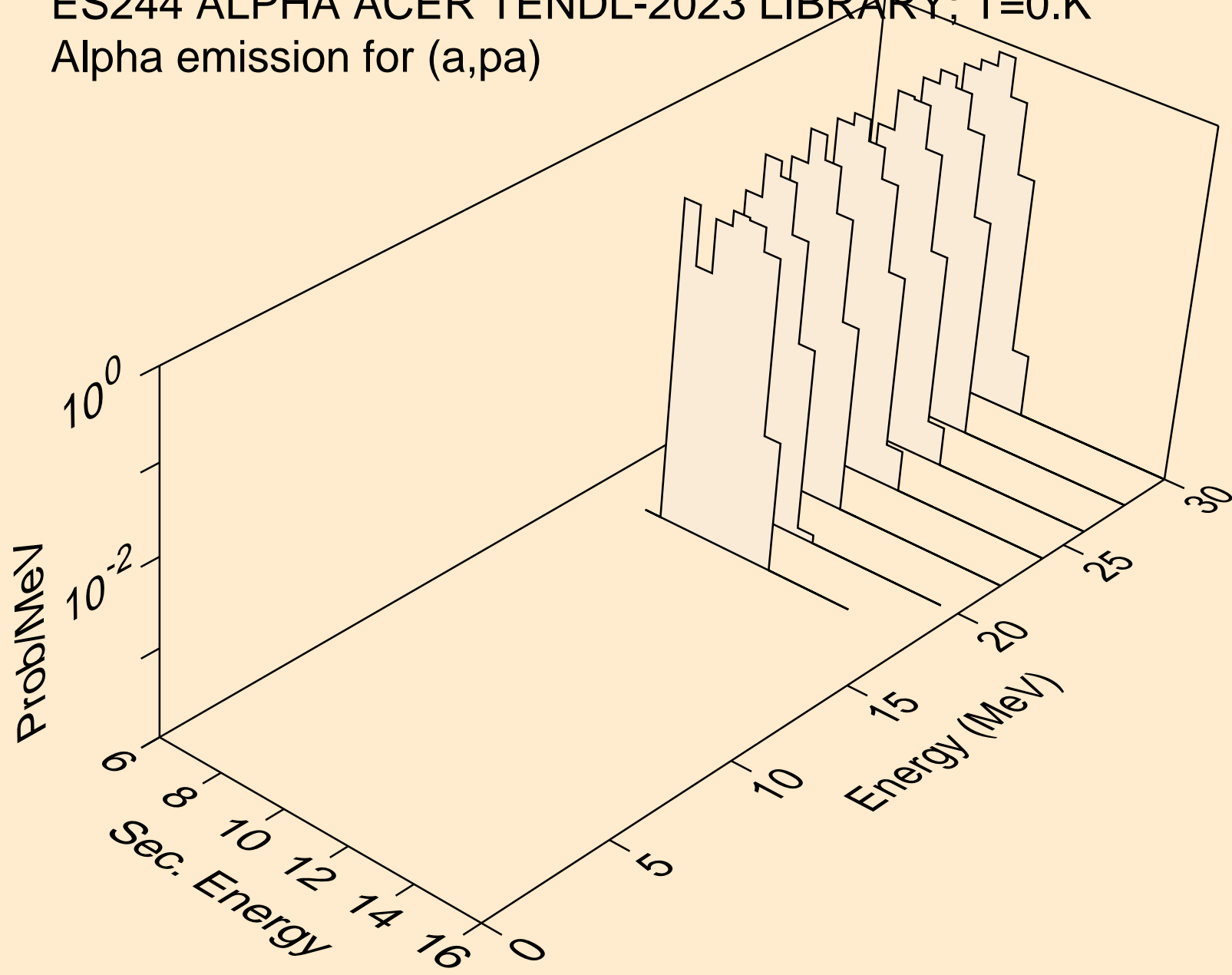
# ES244 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,2a)

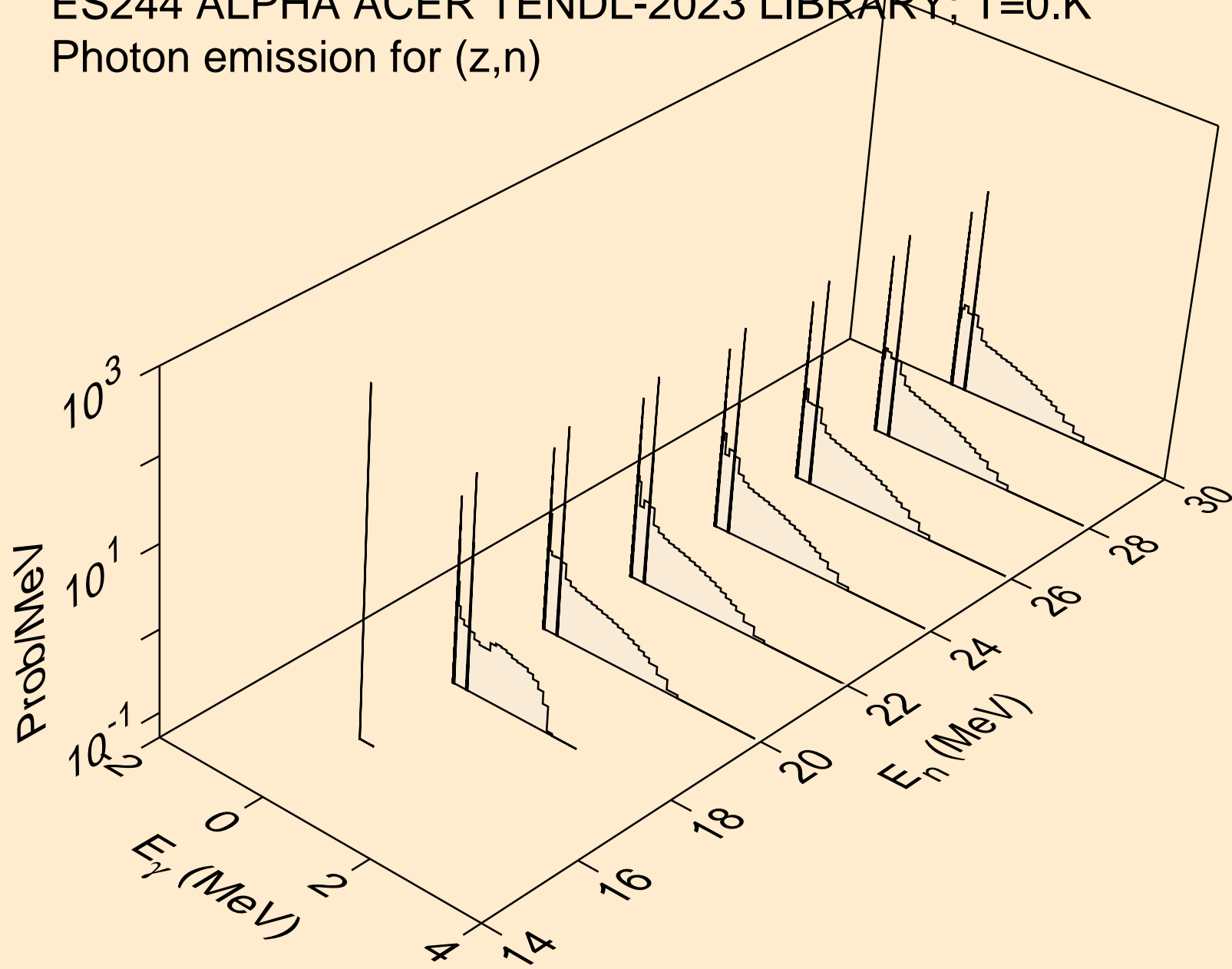


# ES244 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

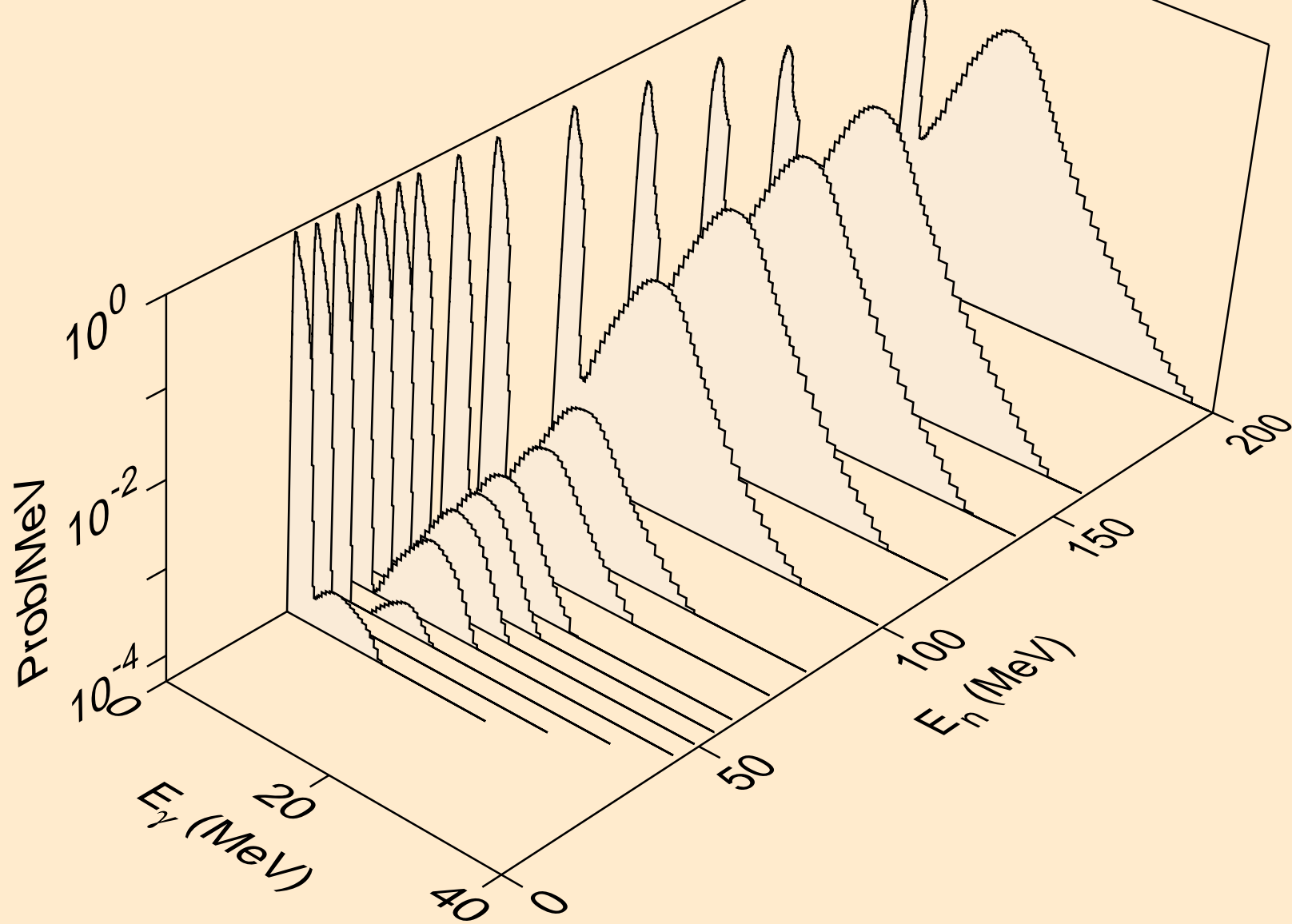
Alpha emission for (a,pa)



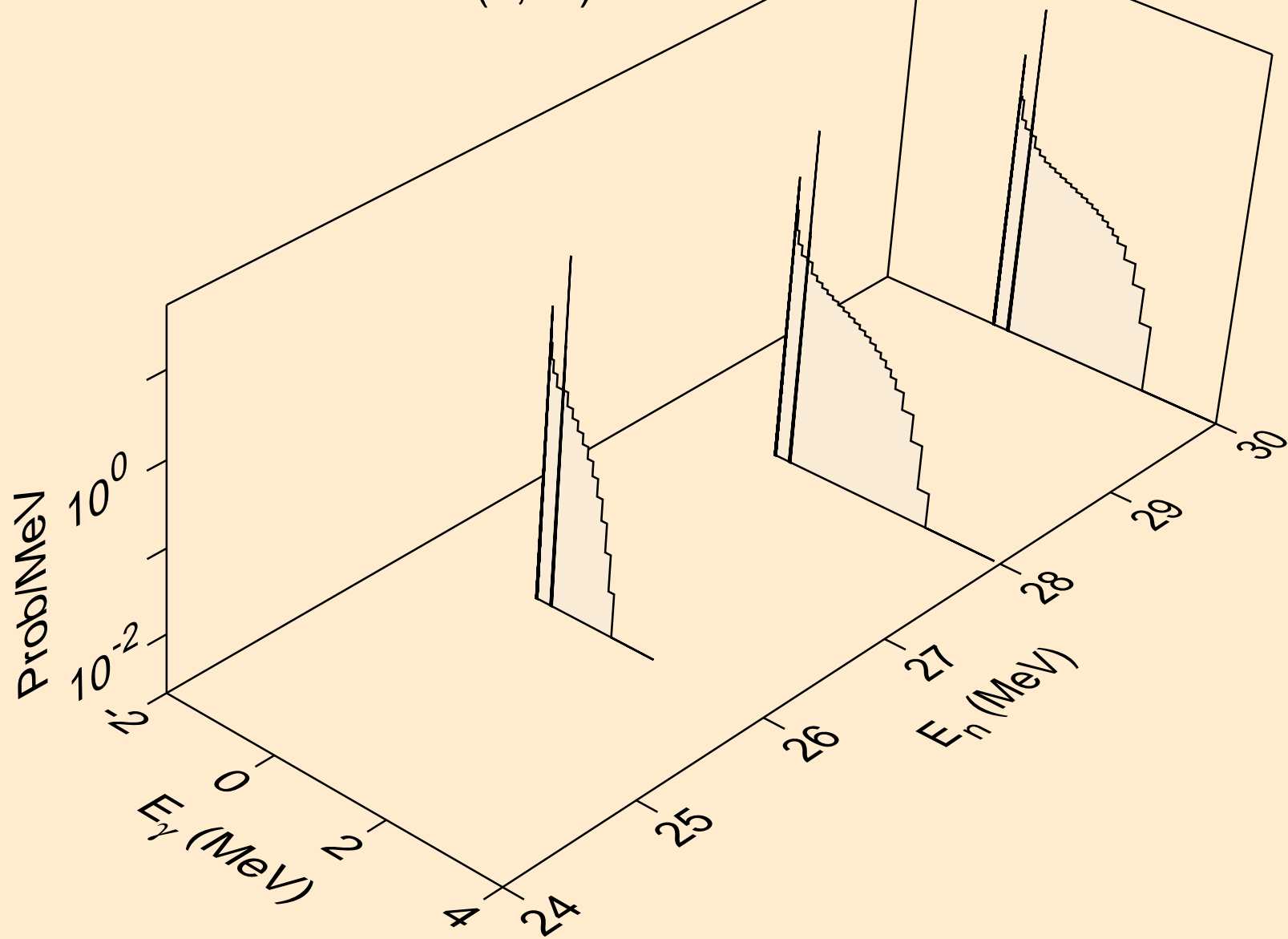
ES244 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



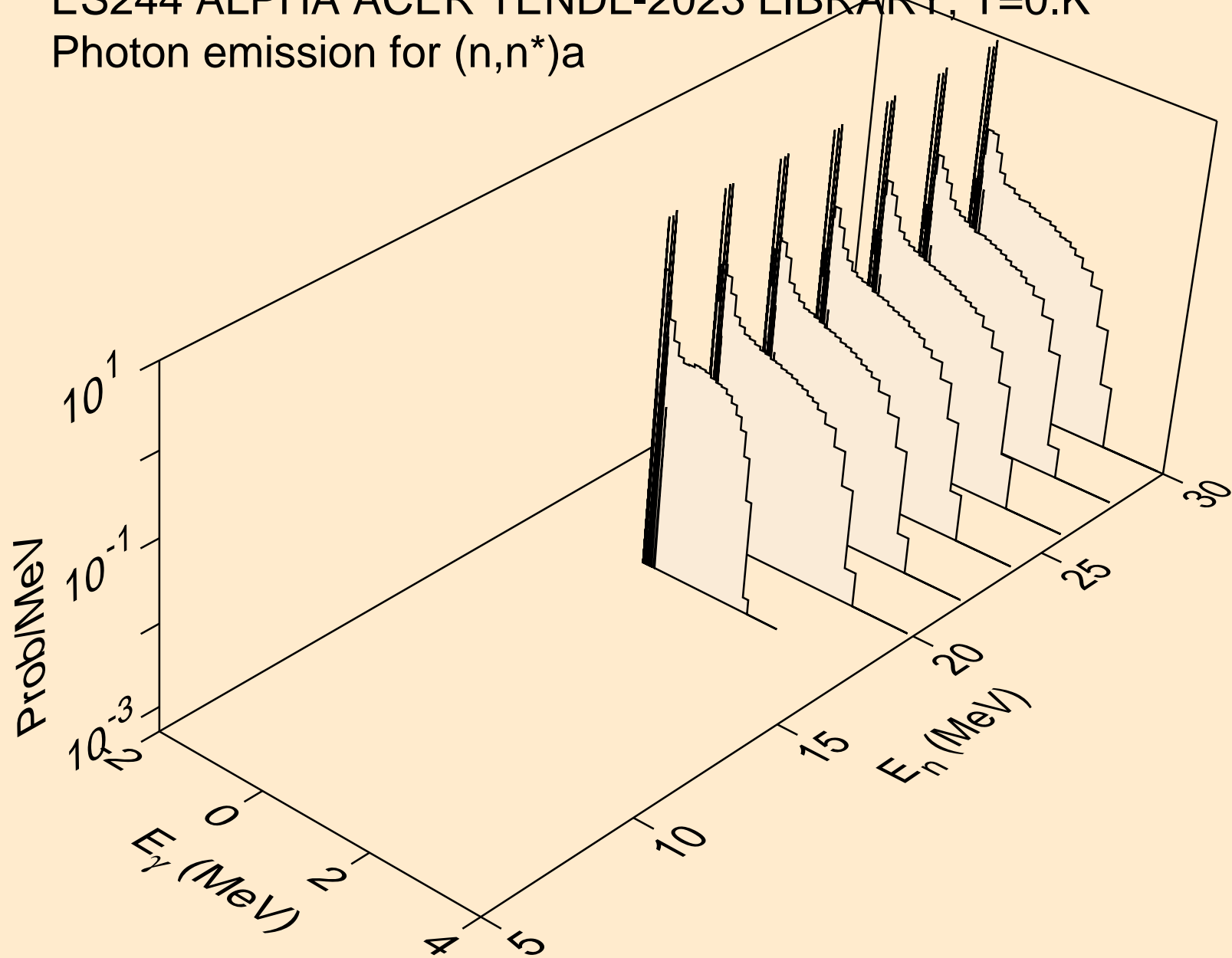
ES244 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



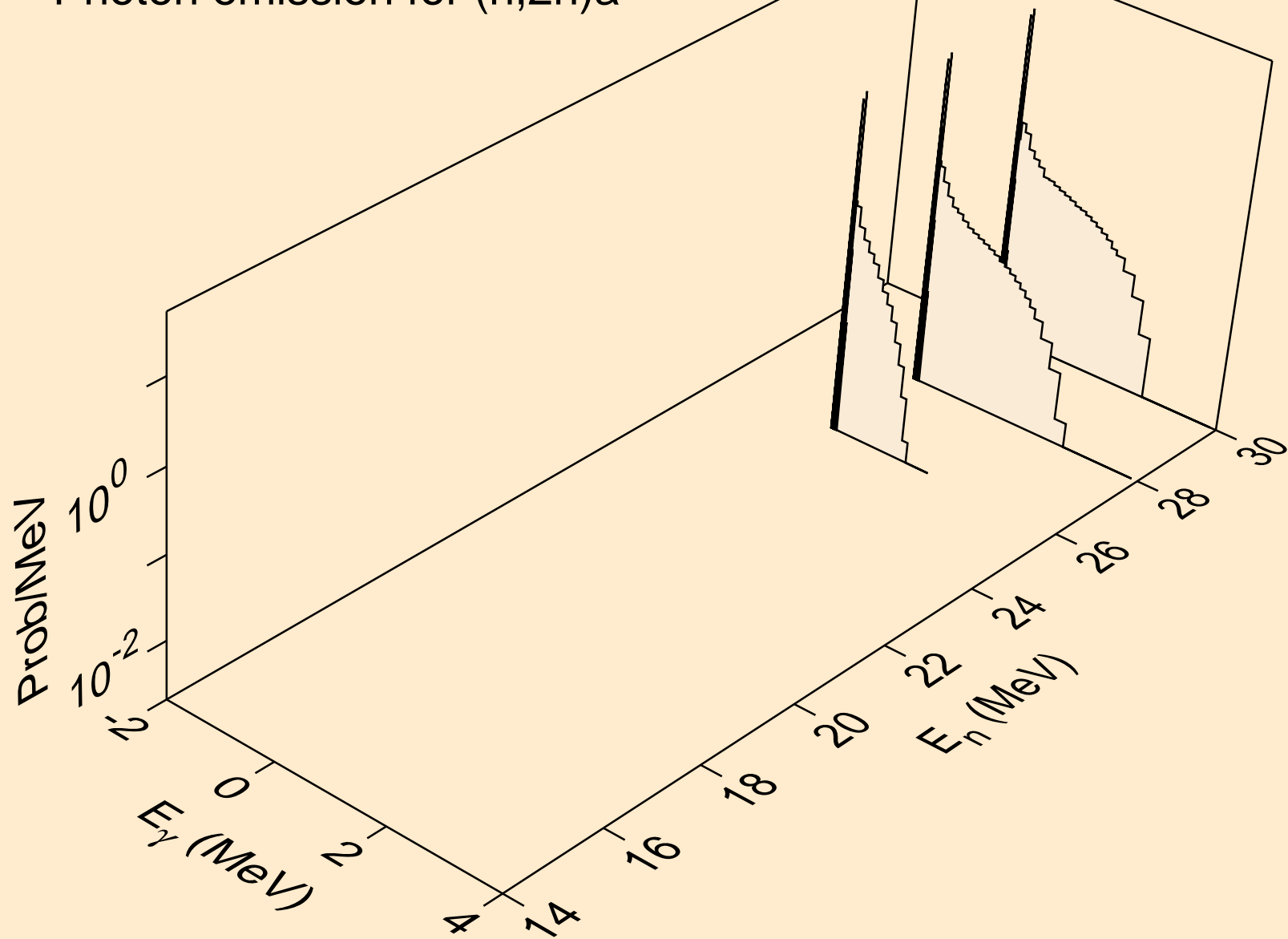
ES244 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



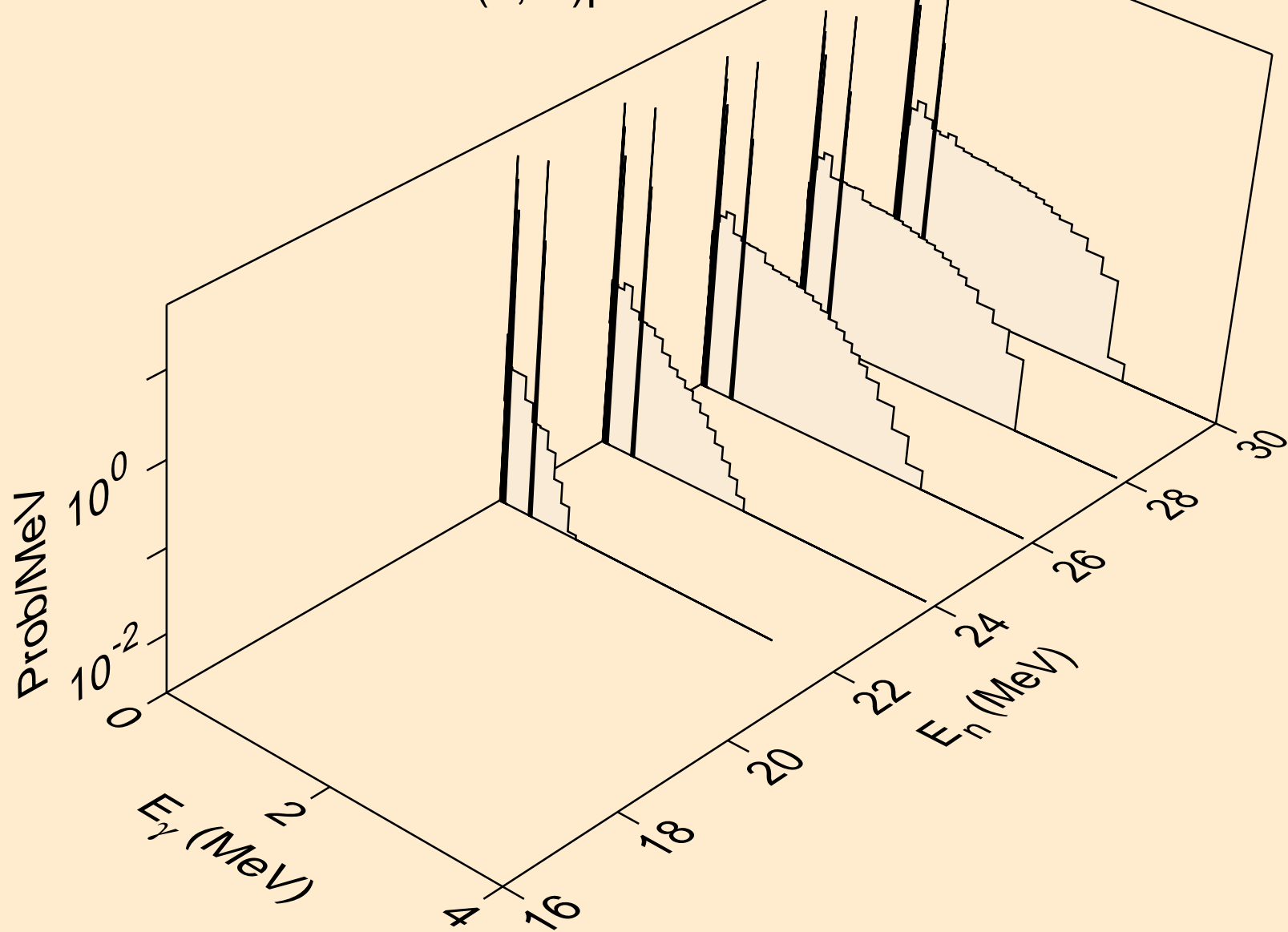
ES244 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



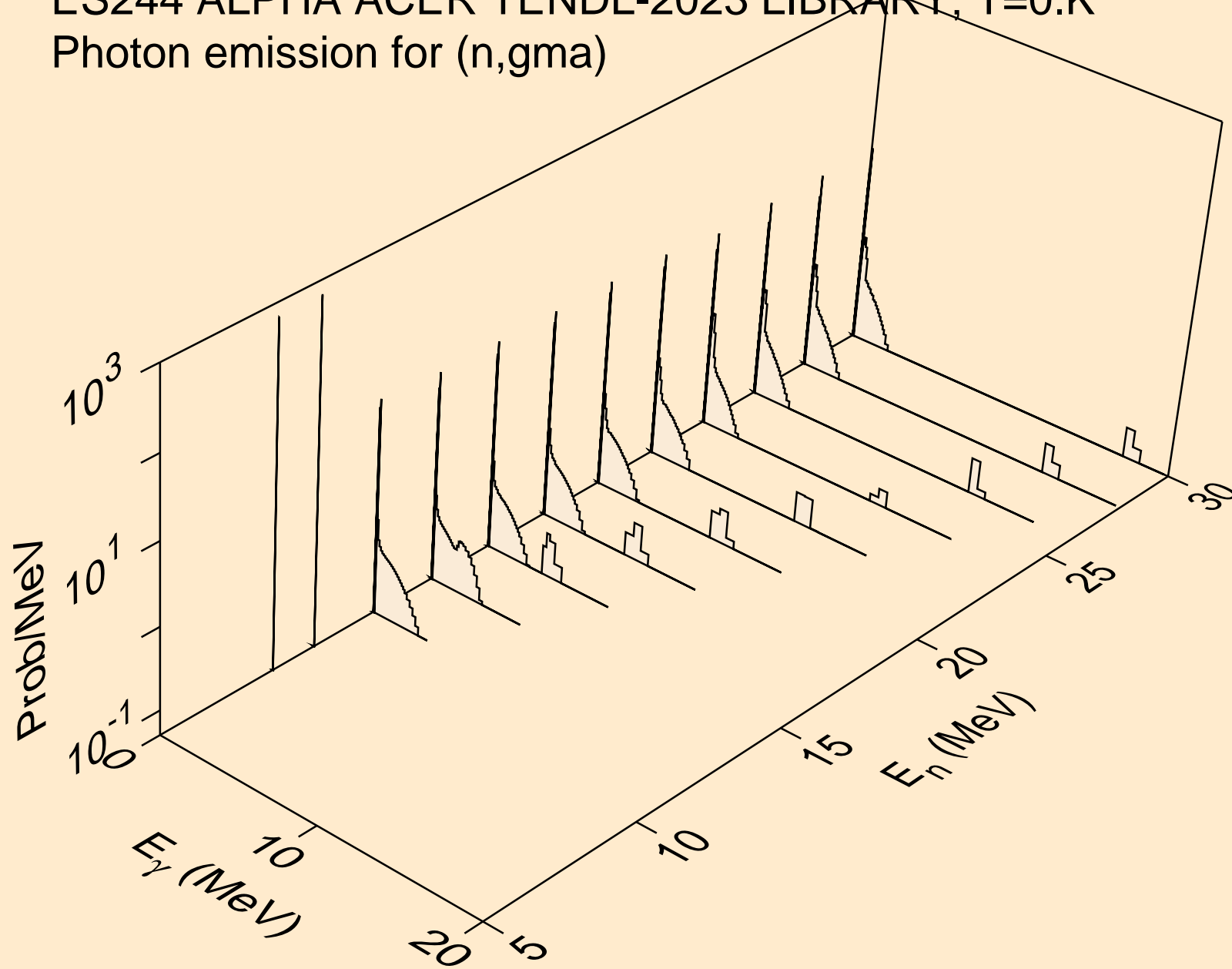
ES244 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n) $\alpha$



ES244 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

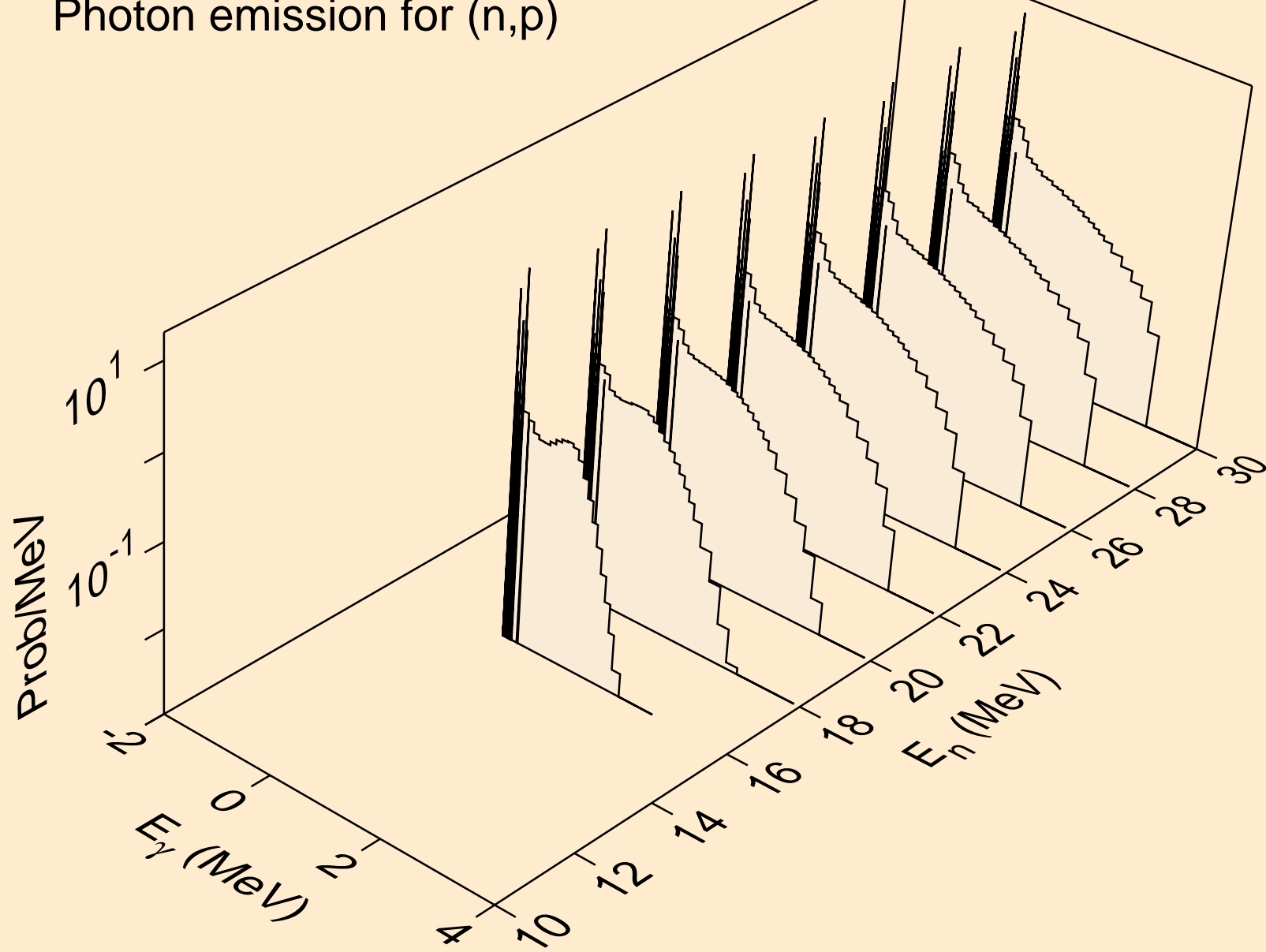


ES244 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)

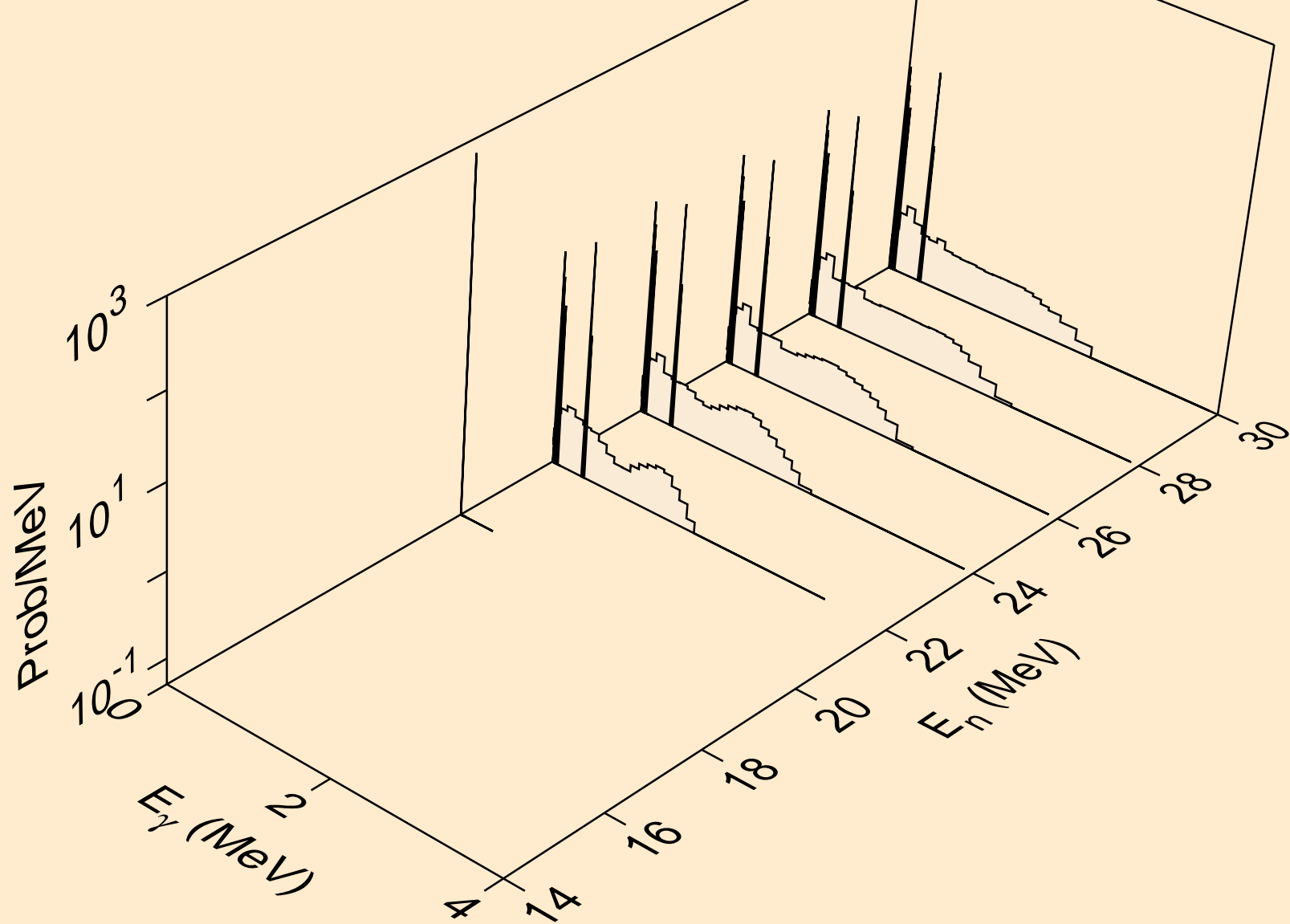


# ES244 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

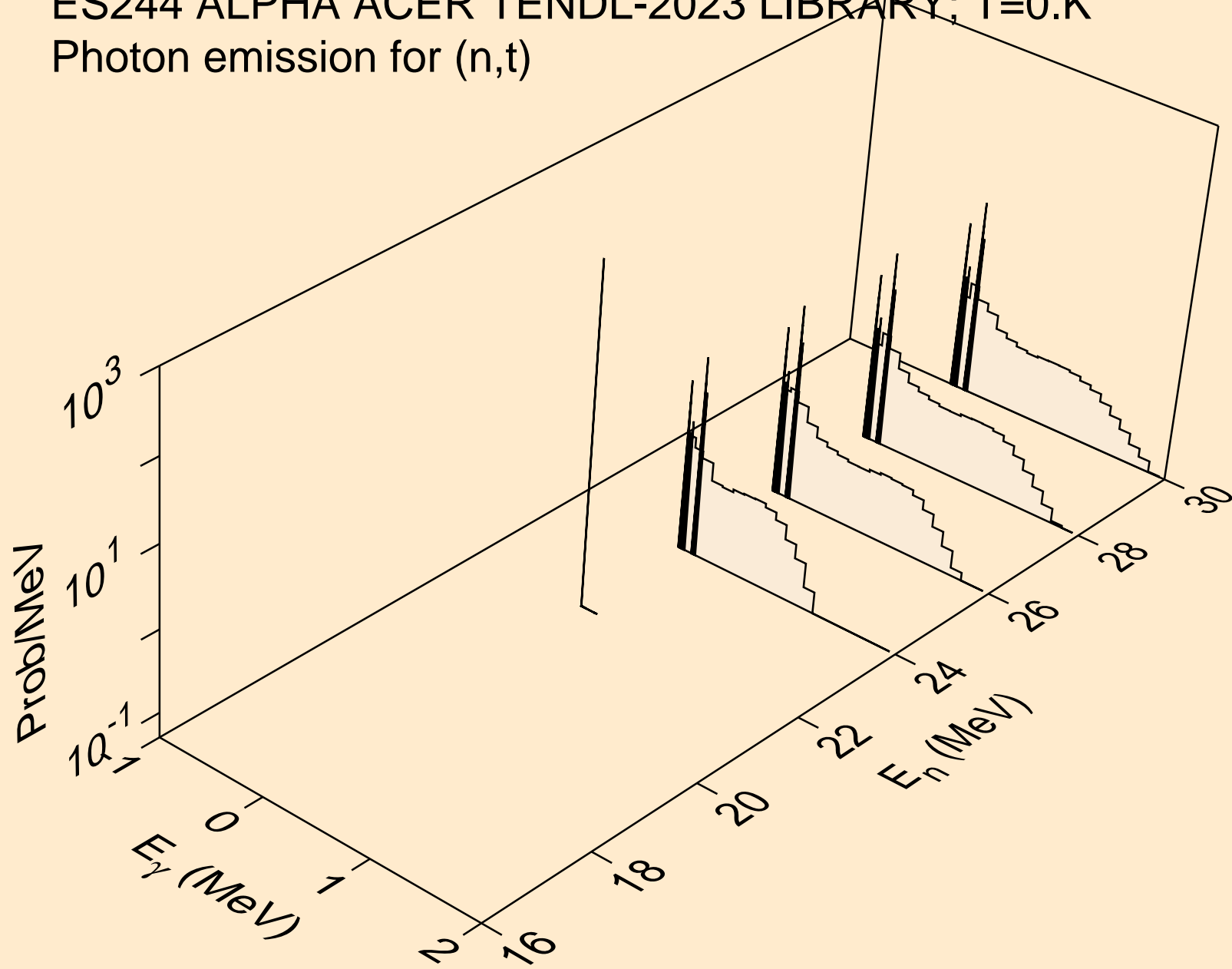
Photon emission for (n,p)



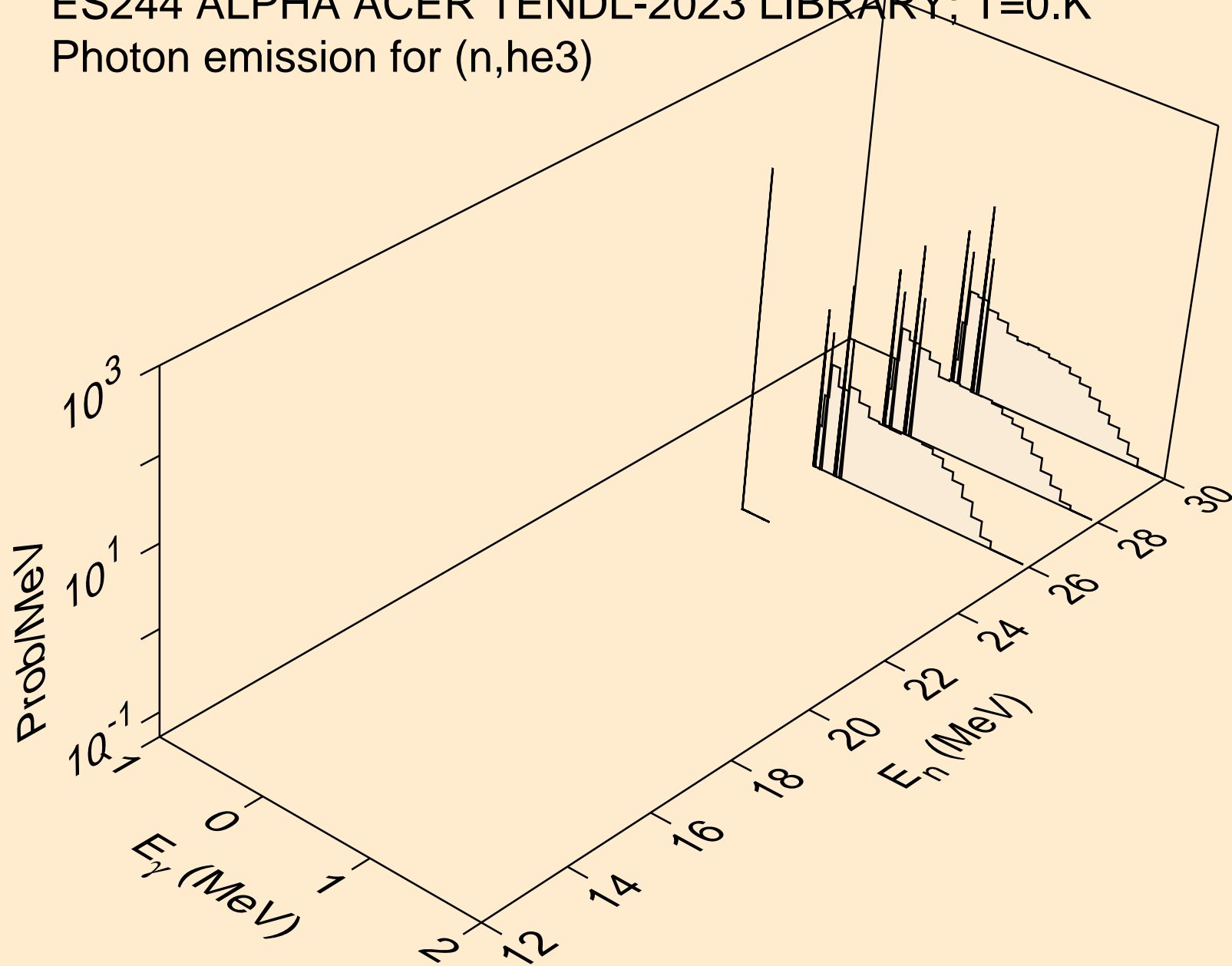
ES244 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



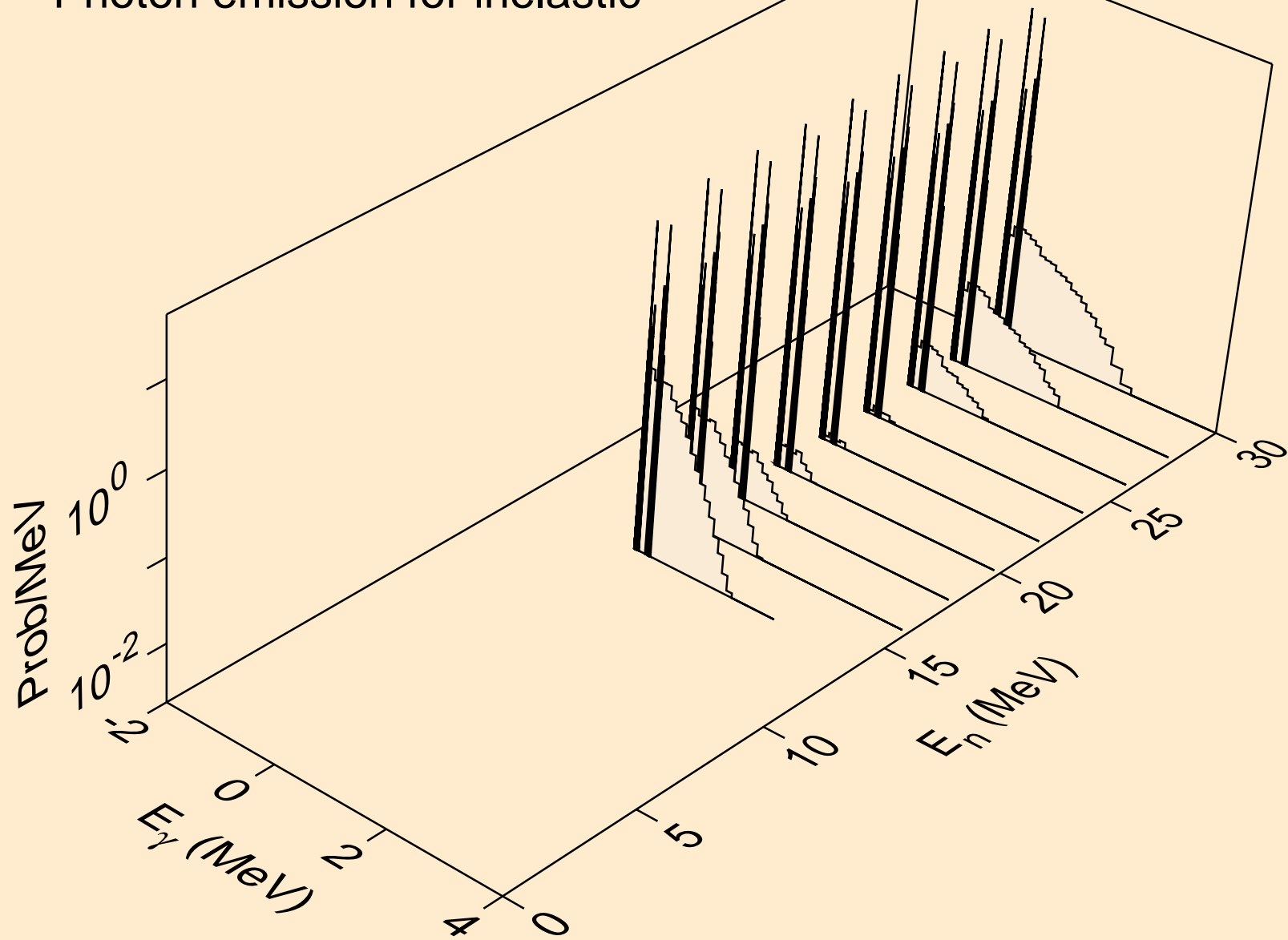
ES244 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



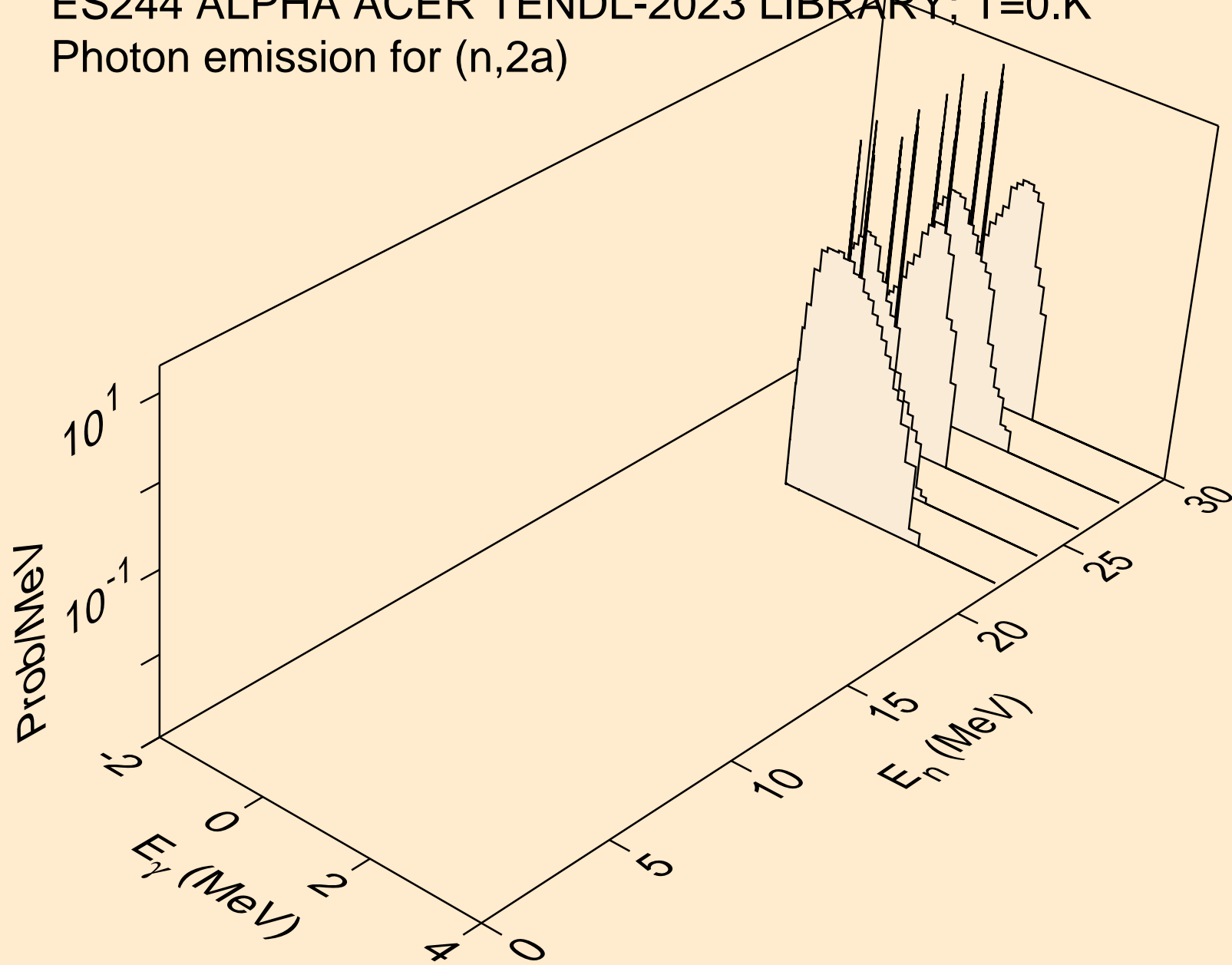
ES244 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



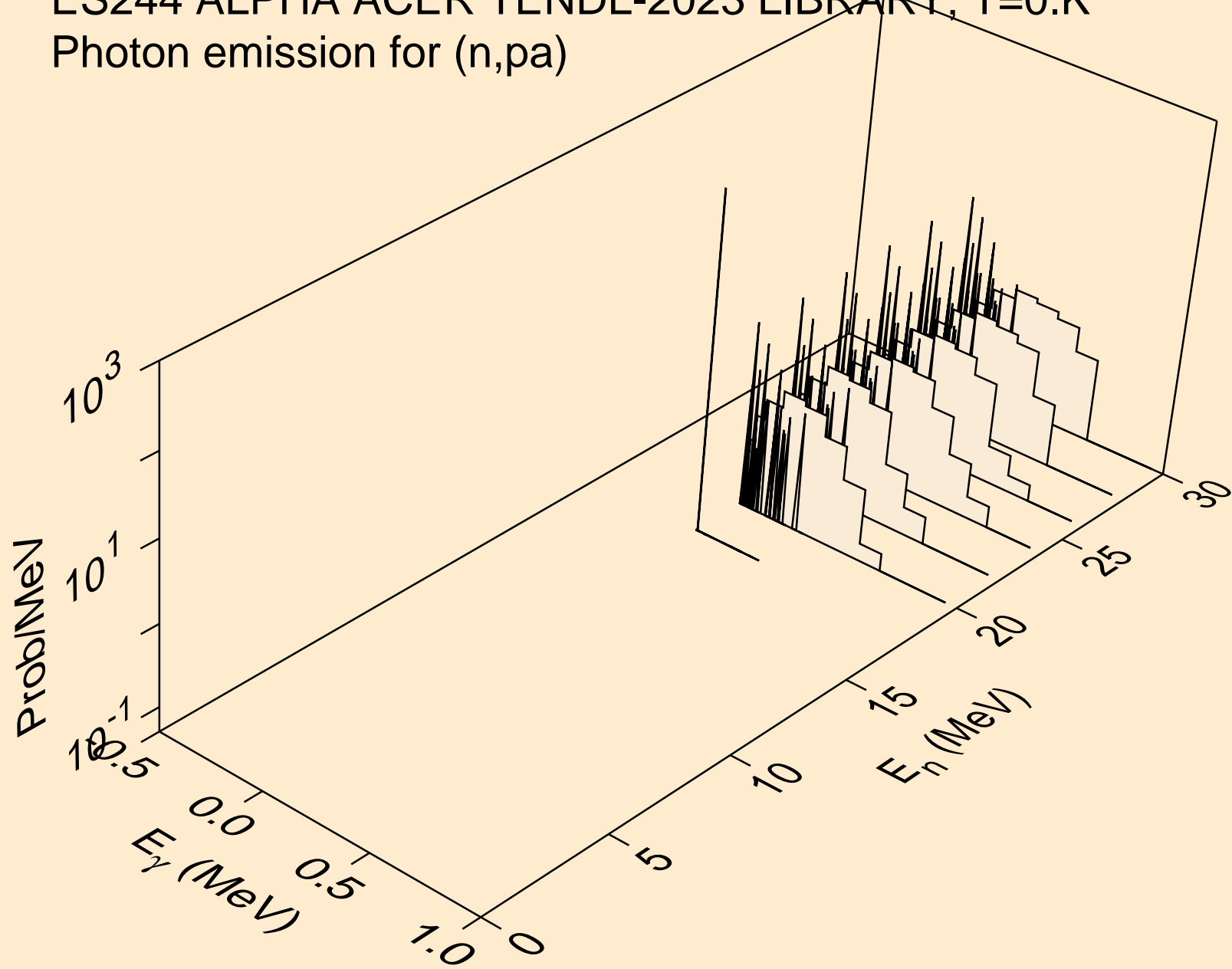
ES244 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



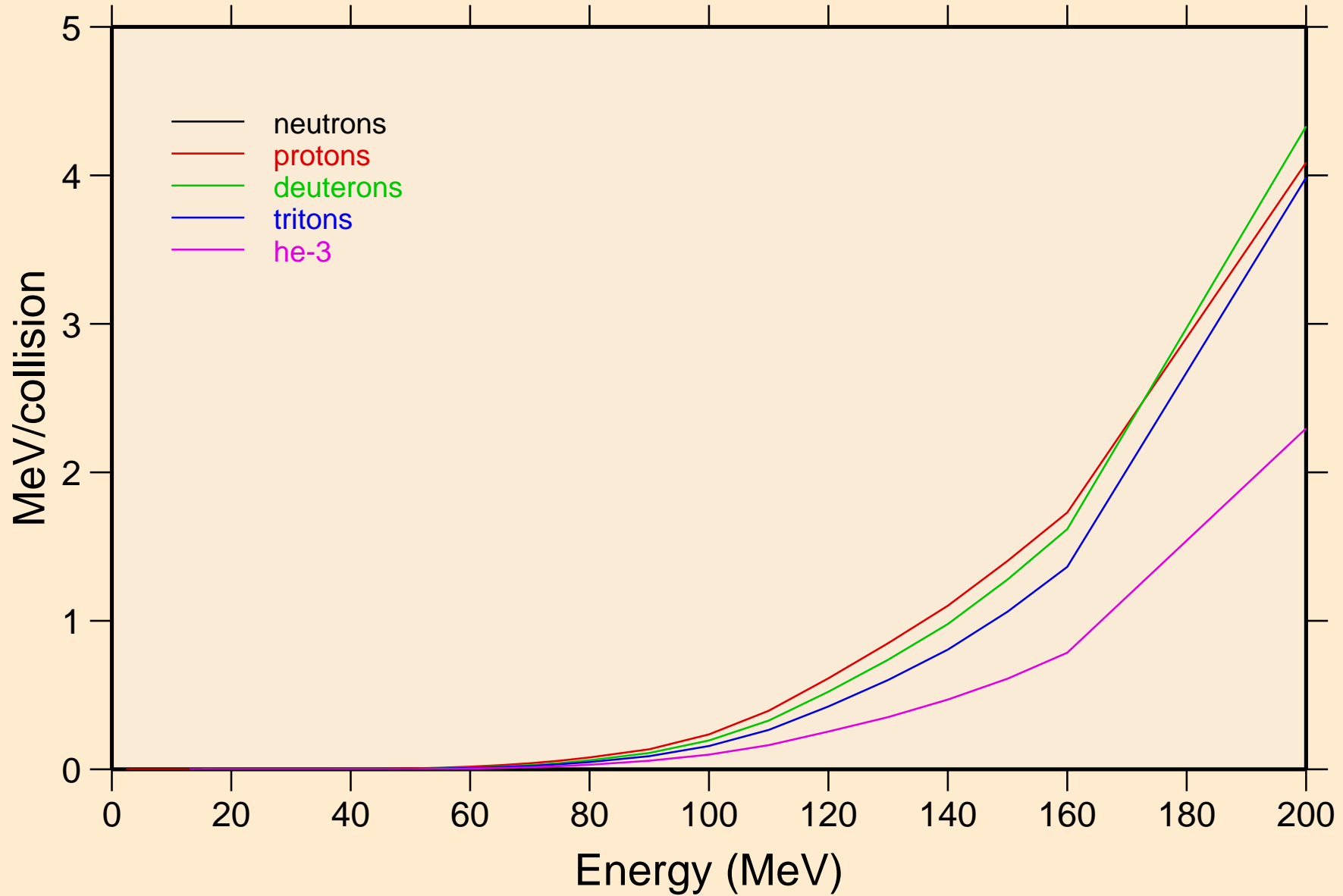
ES244 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



ES244 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)

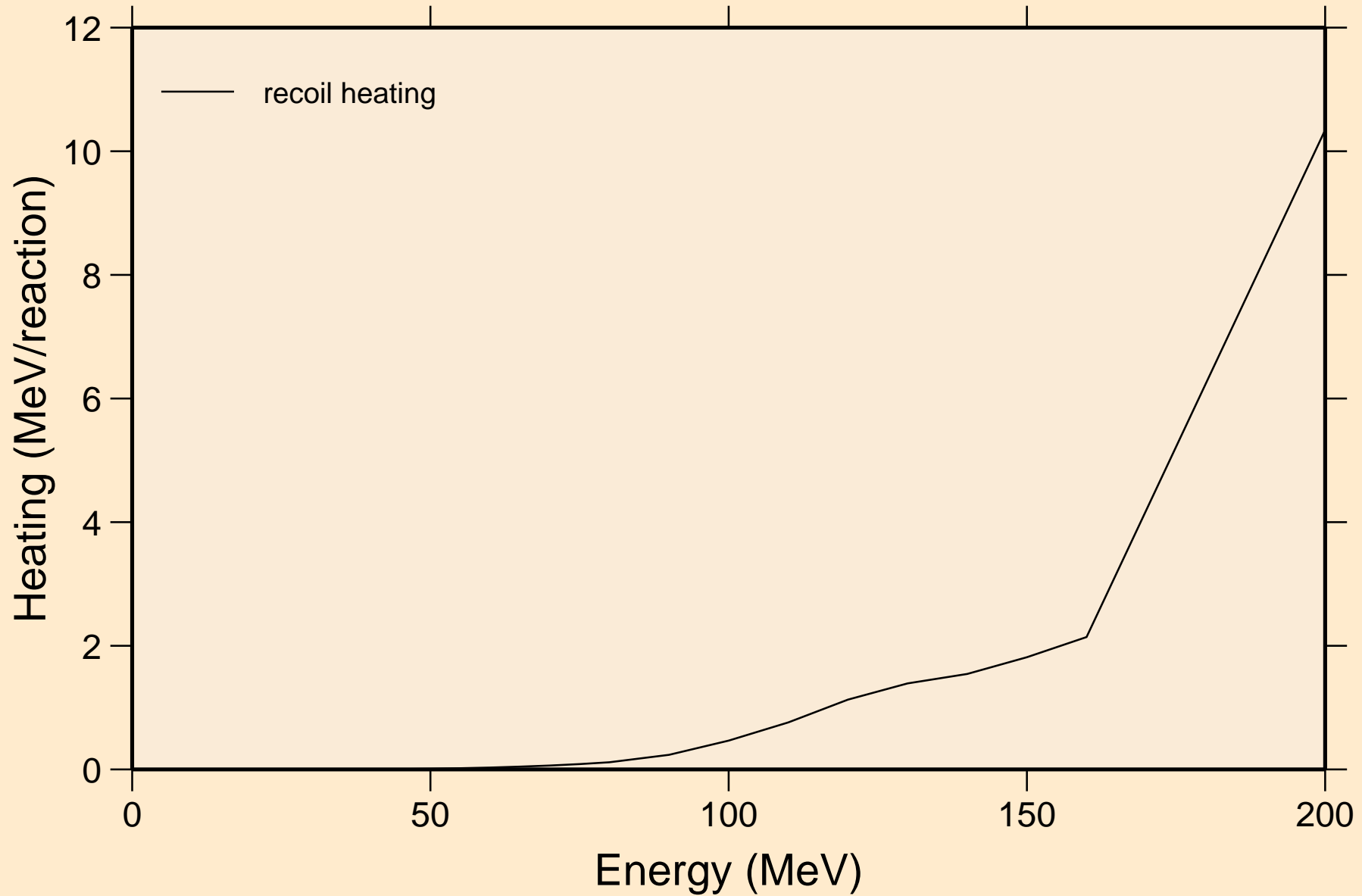


ES244 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



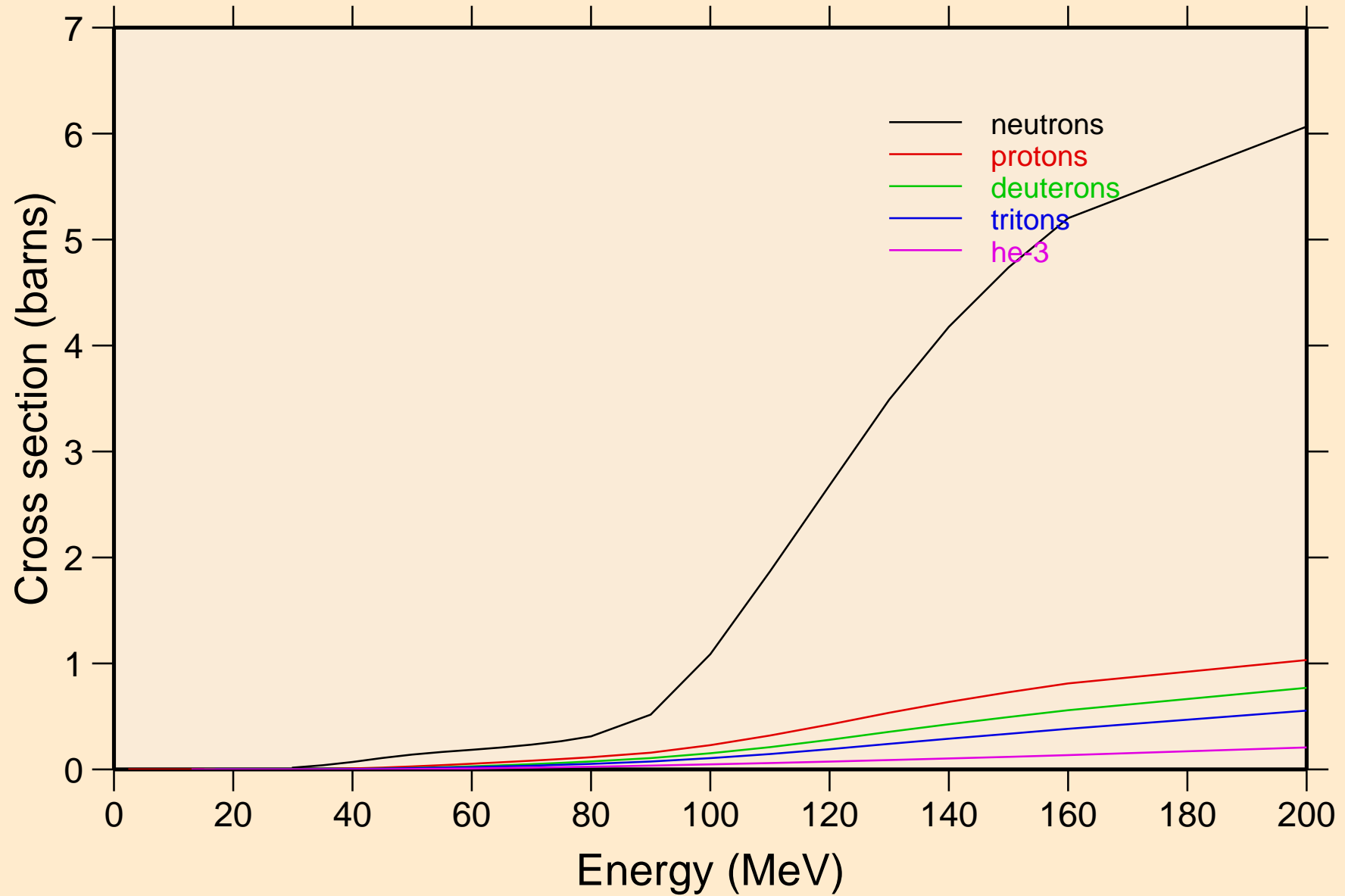
ES244 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Recoil Heating

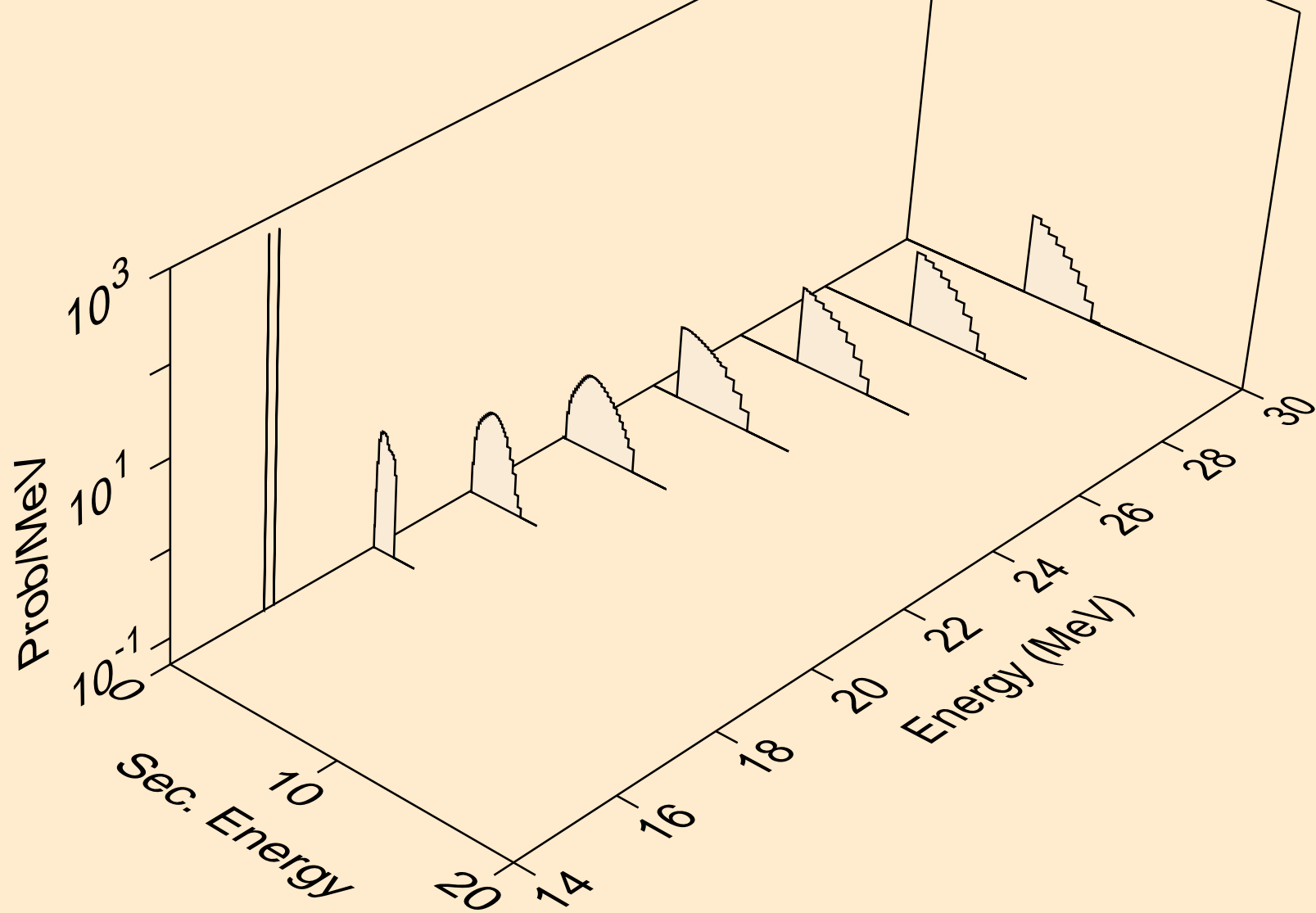


# ES244 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

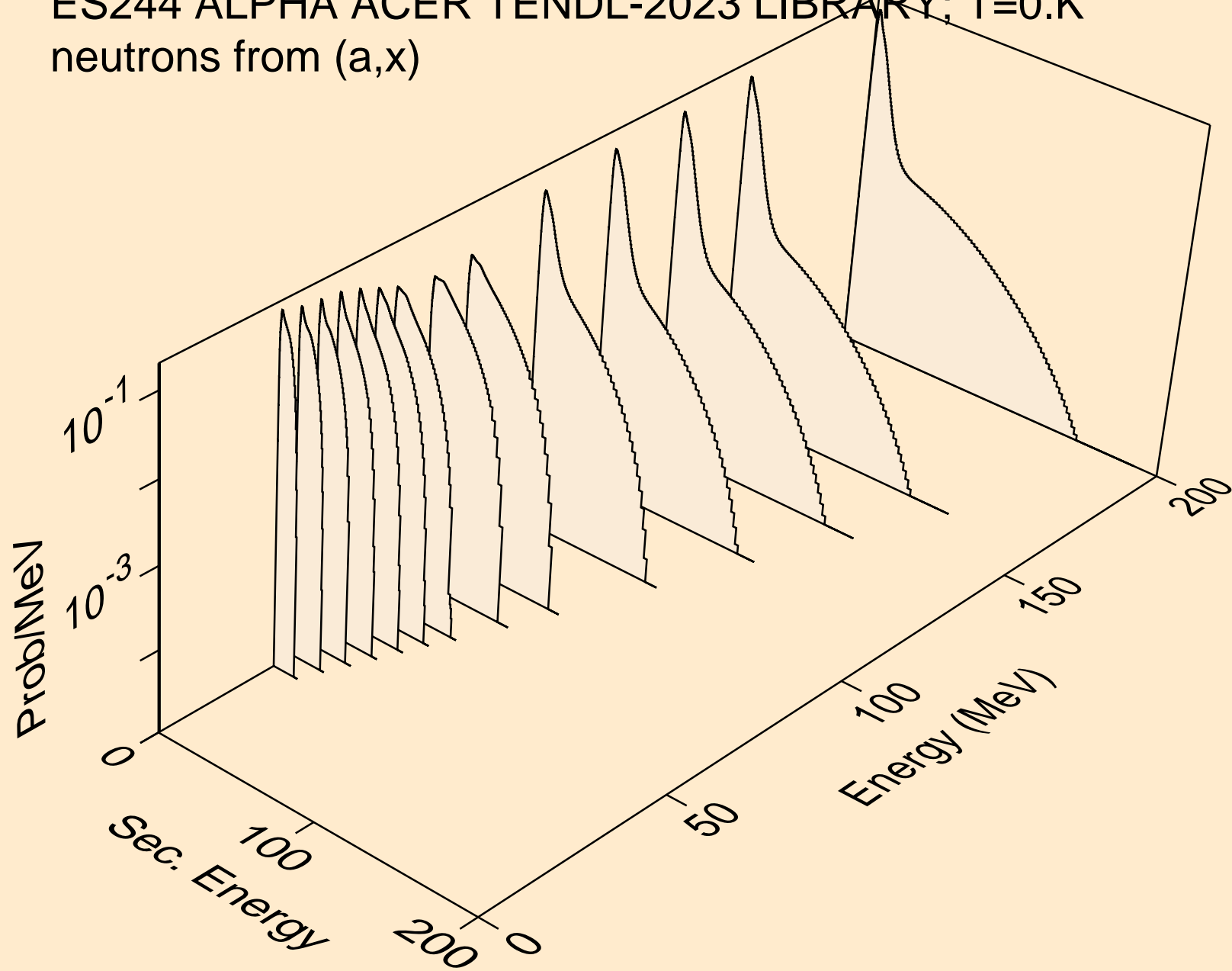
## Particle production cross sections



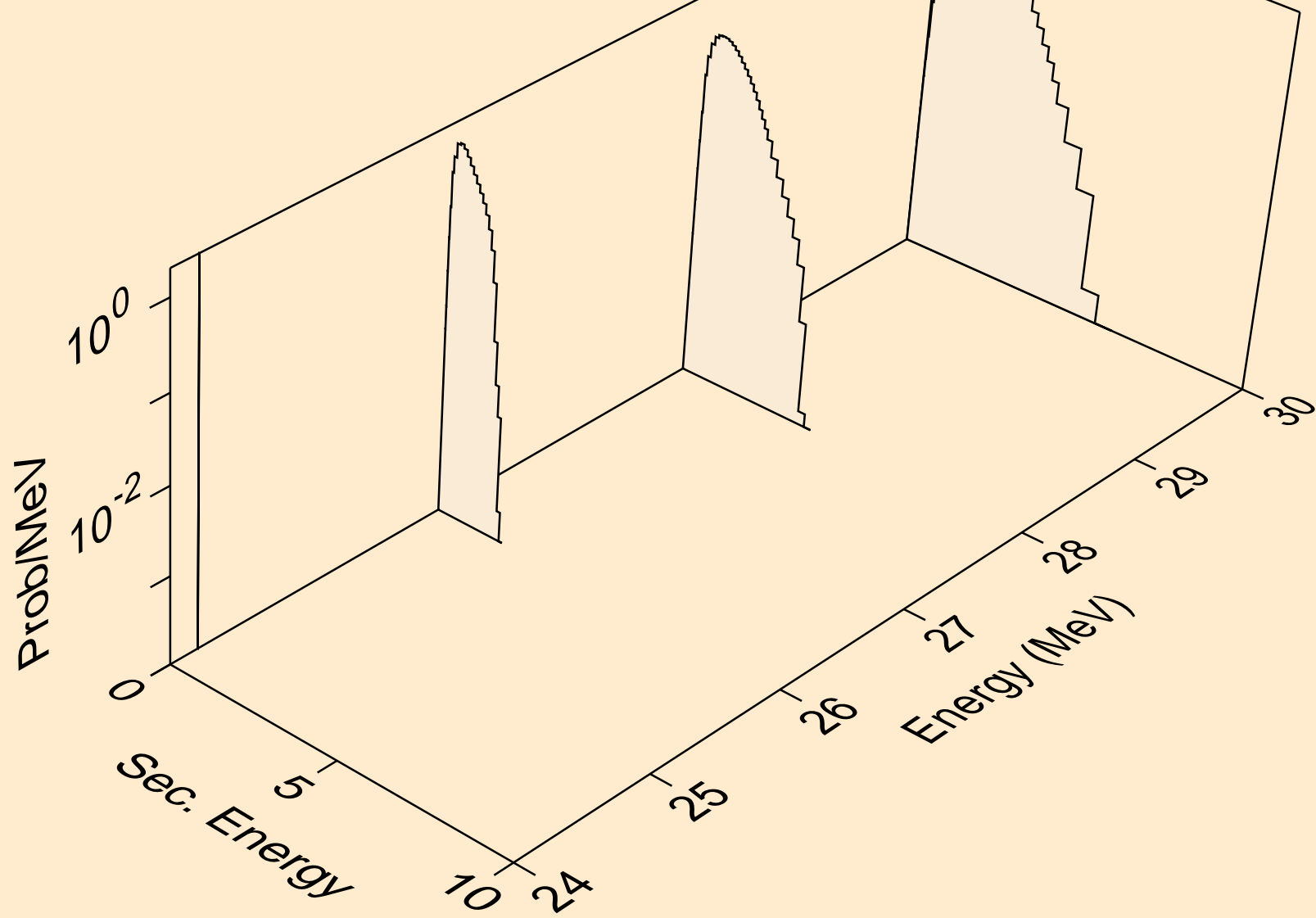
ES244 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)



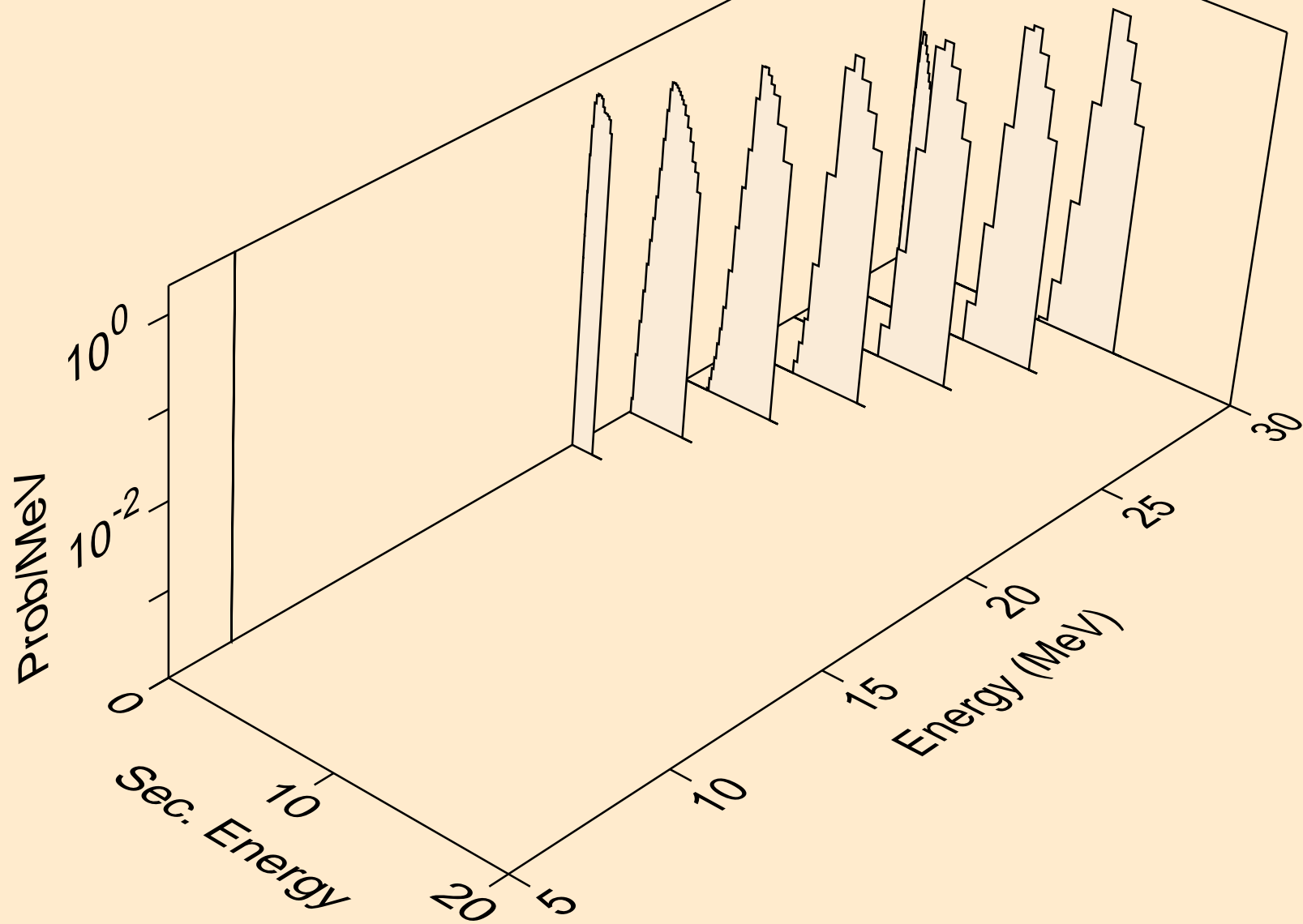
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neutrons from (a,x)



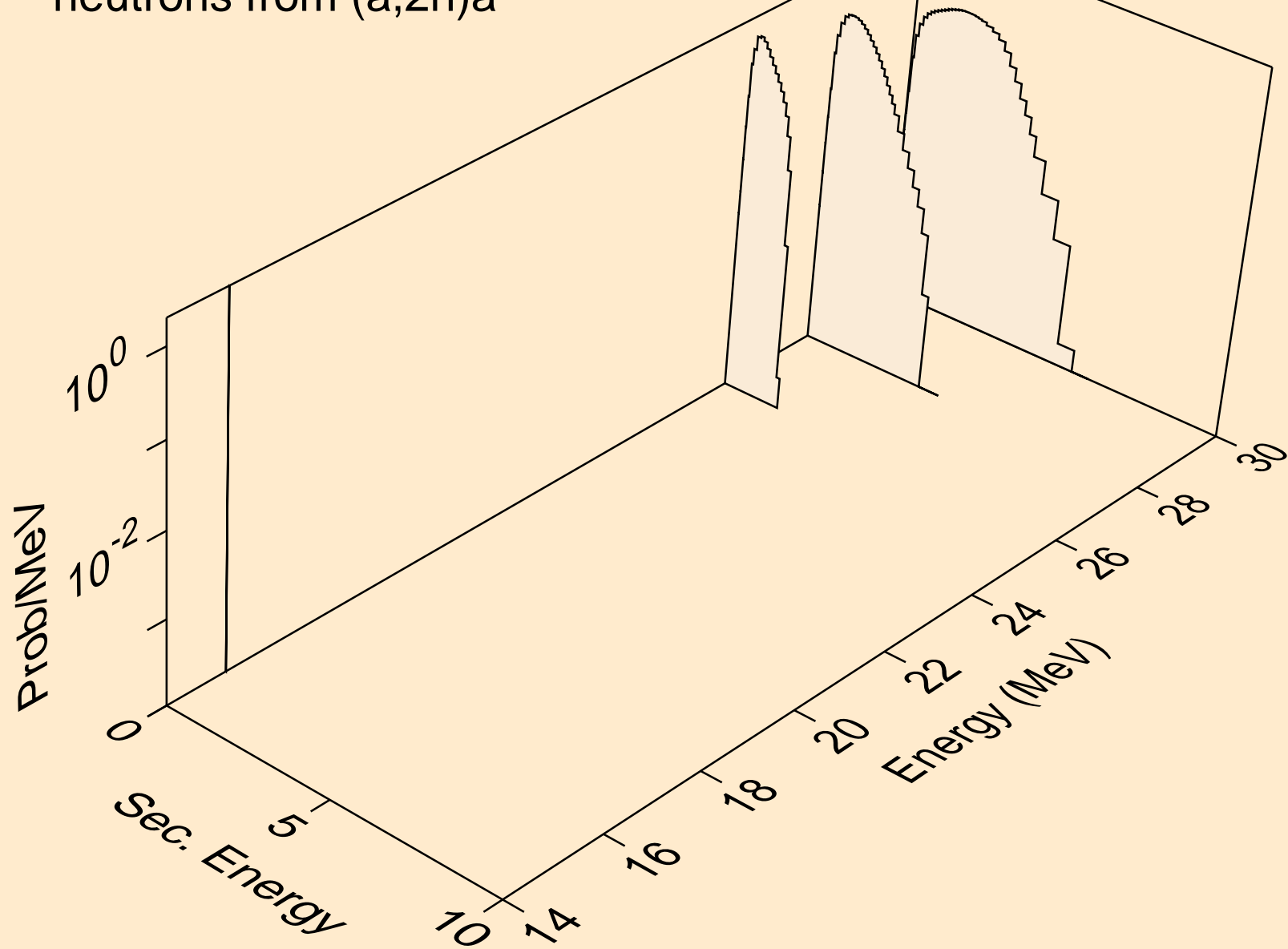
ES244 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)



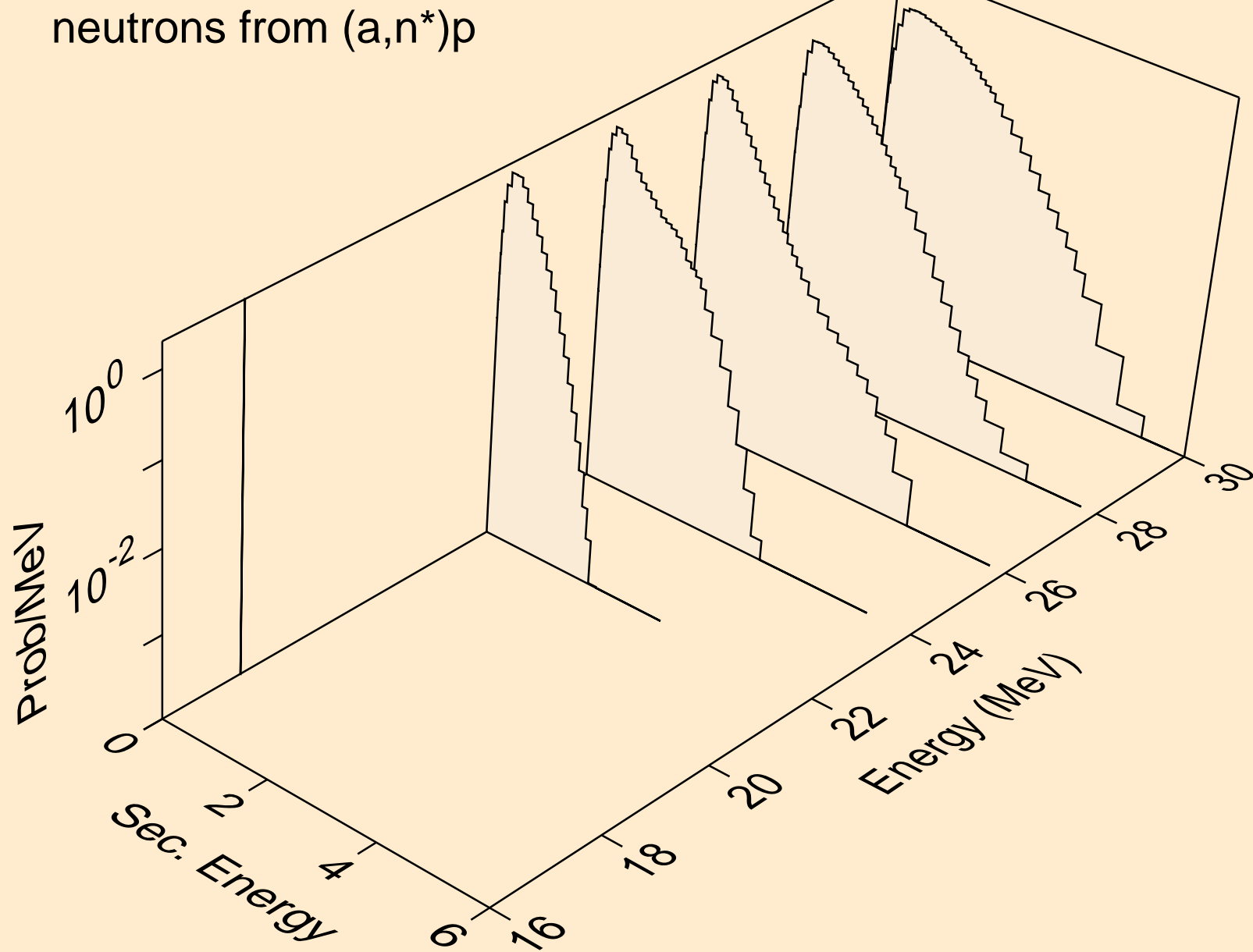
ES244 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a



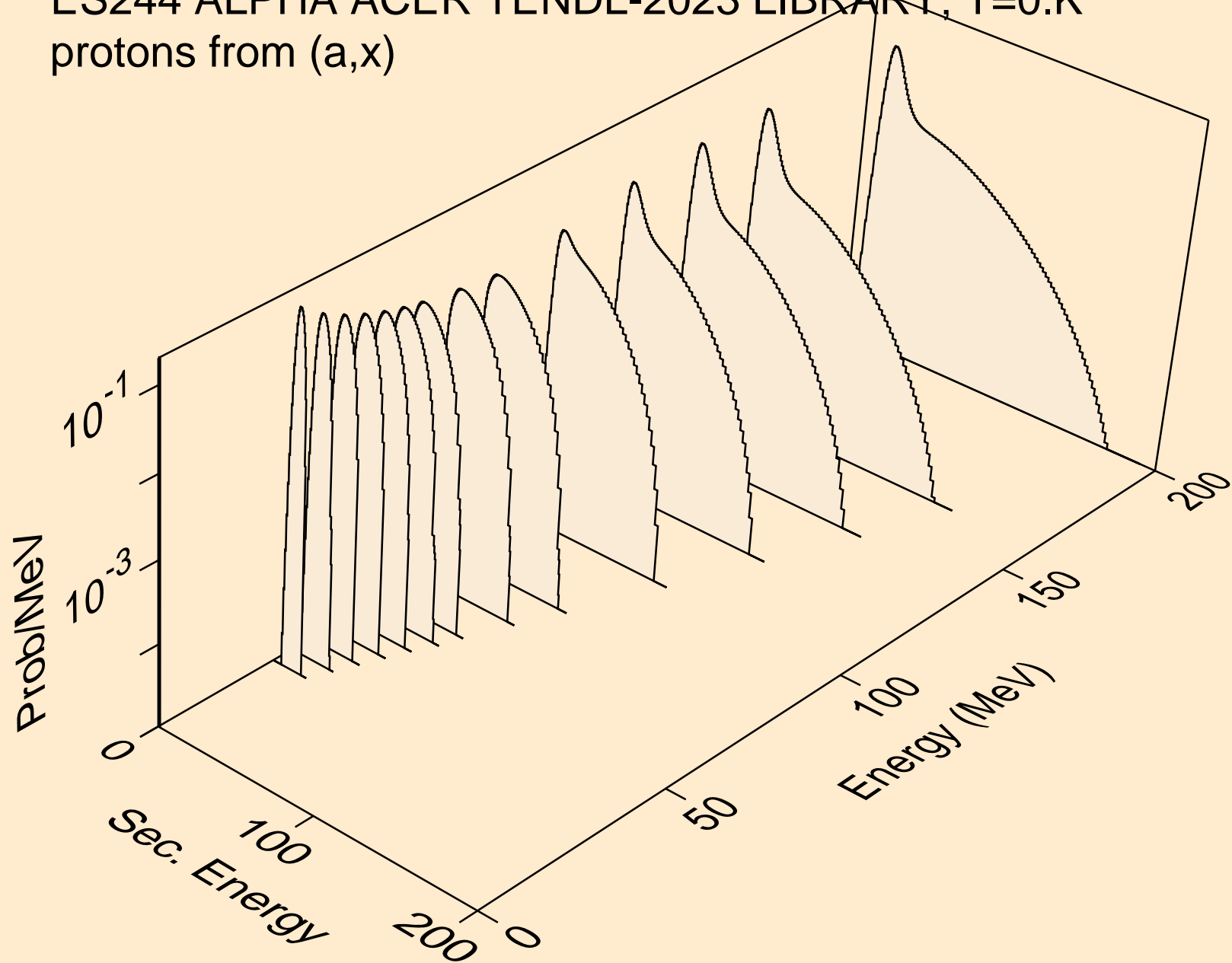
ES244 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)a



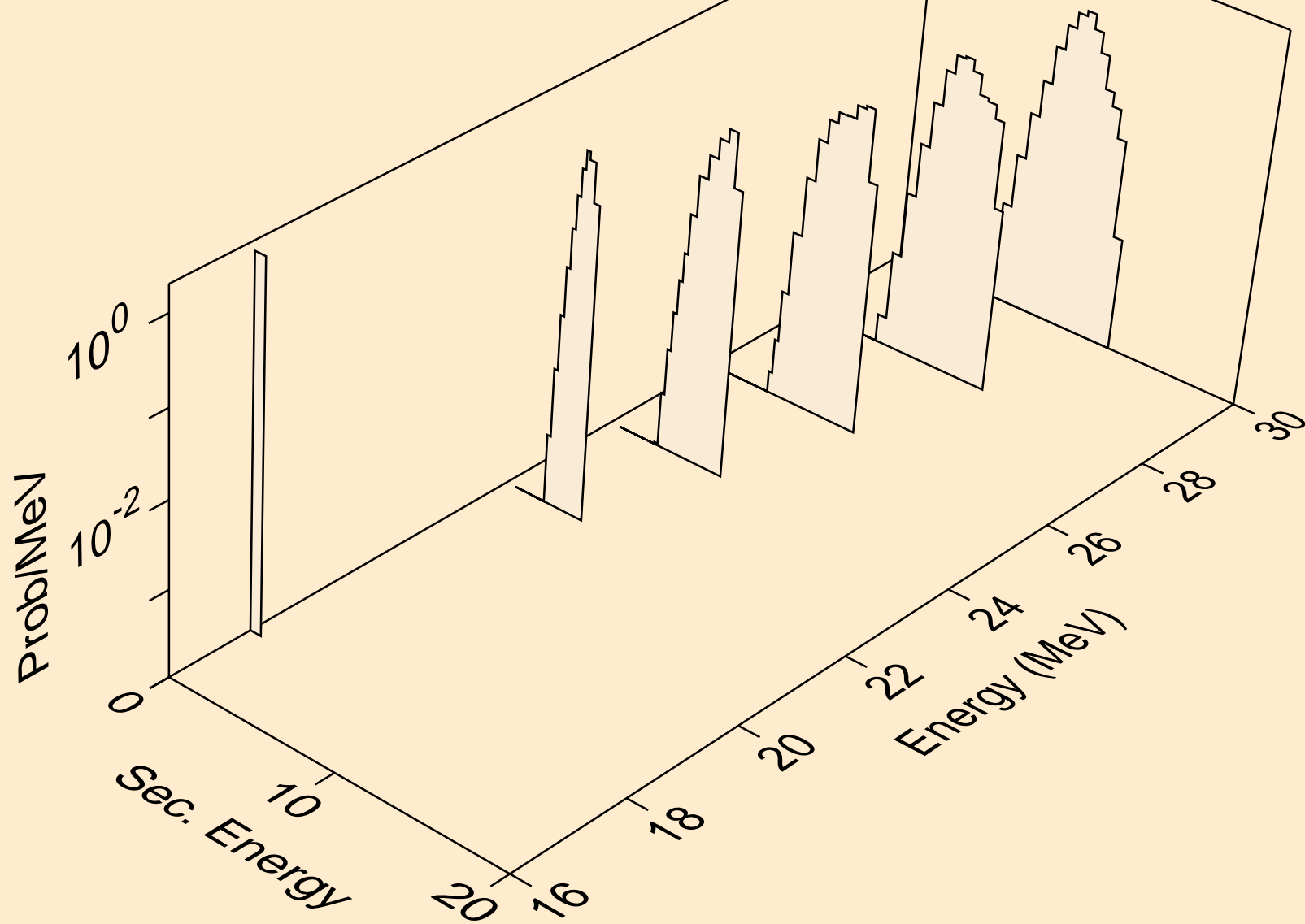
ES244 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)p



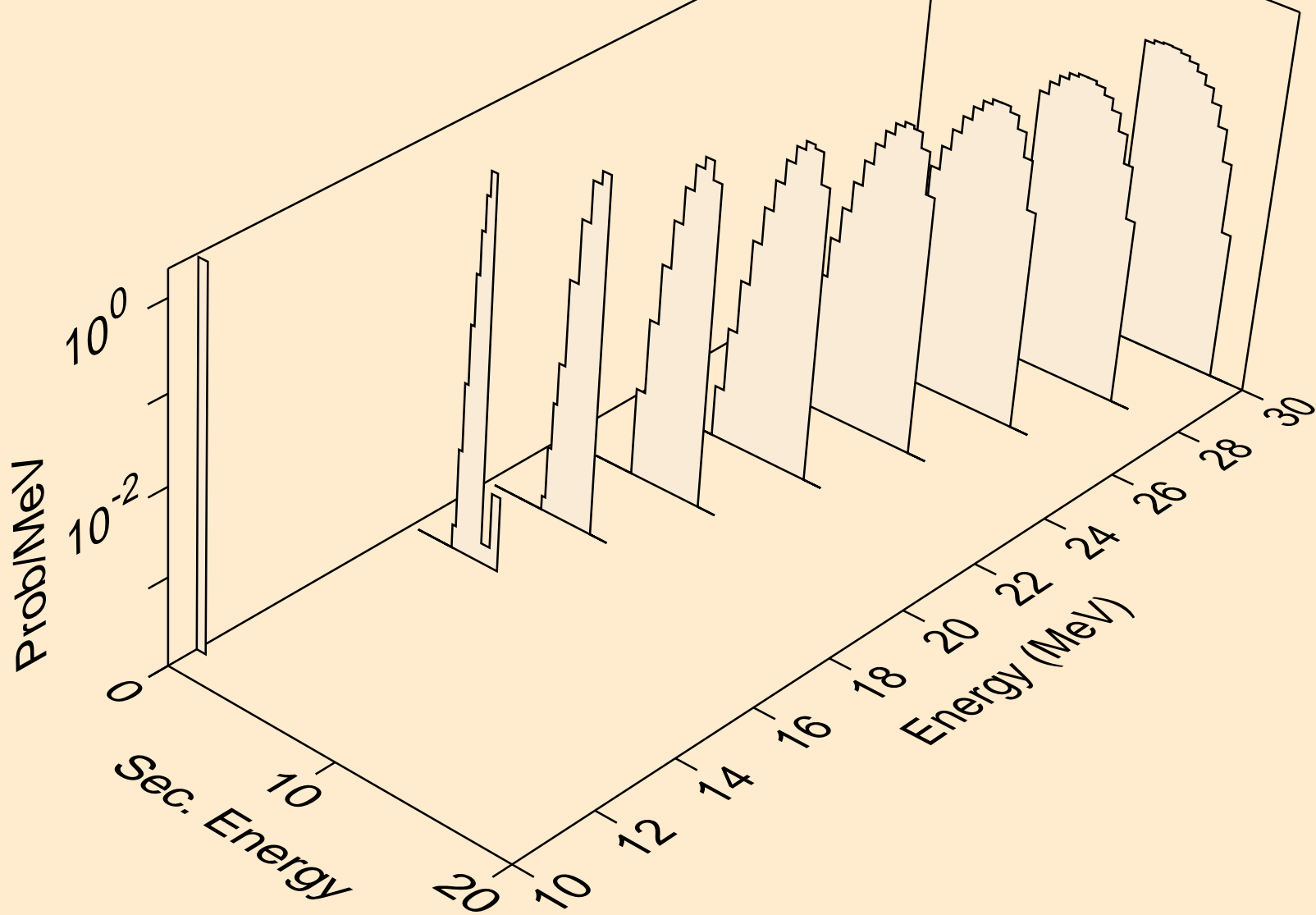
ES244 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,x)



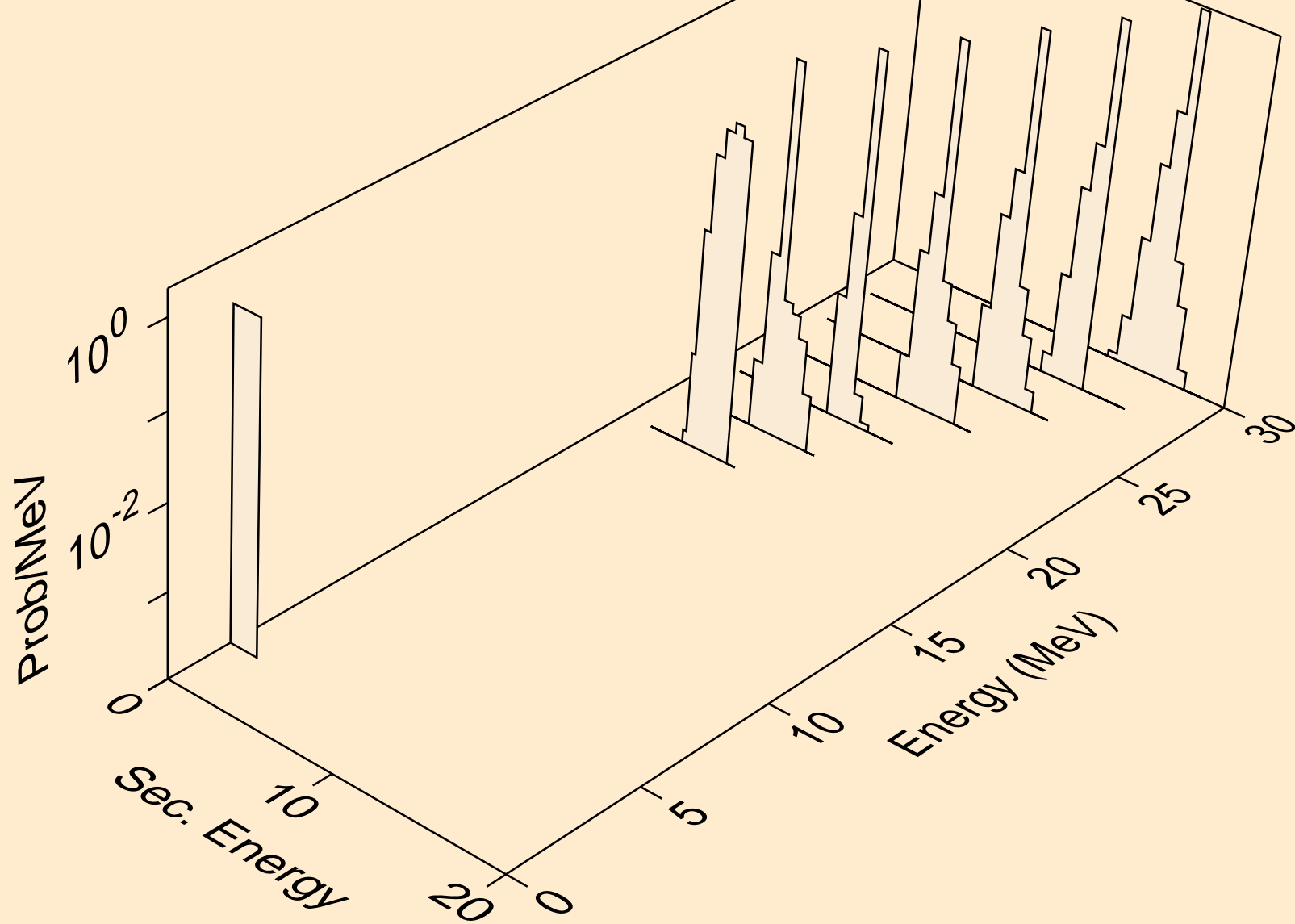
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protons from (a,n\*)p



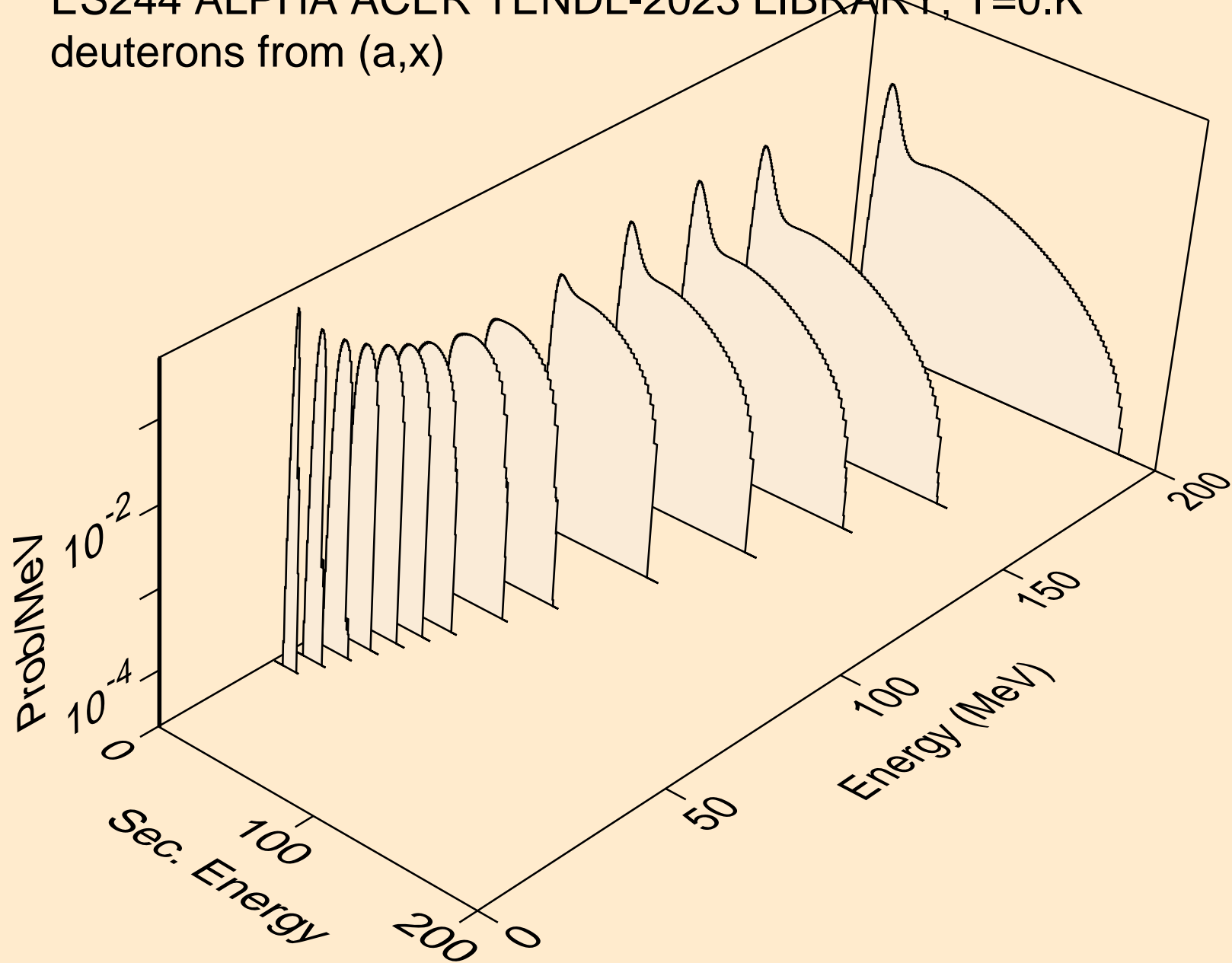
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protons from (a,p)



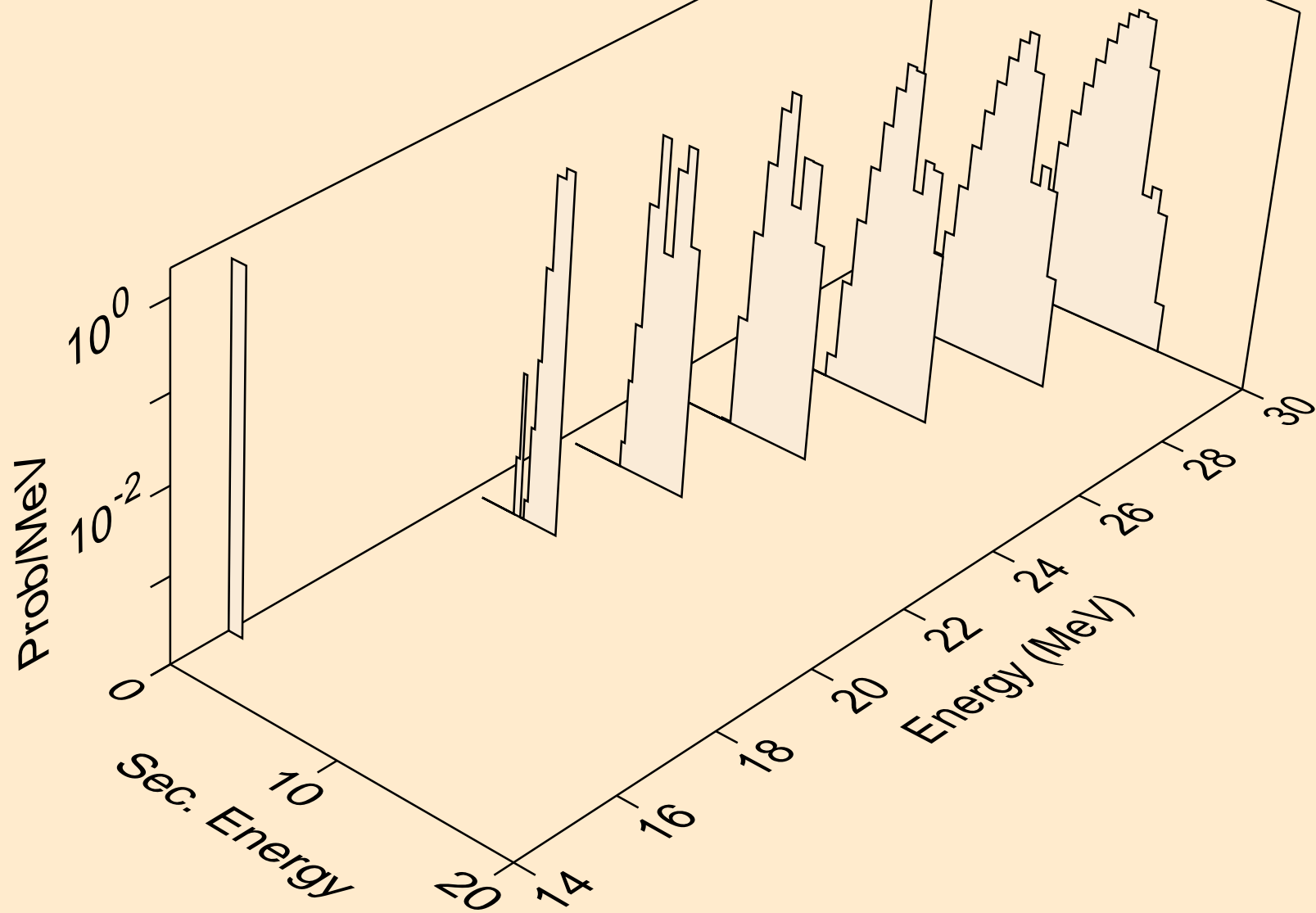
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protons from (a,pa)



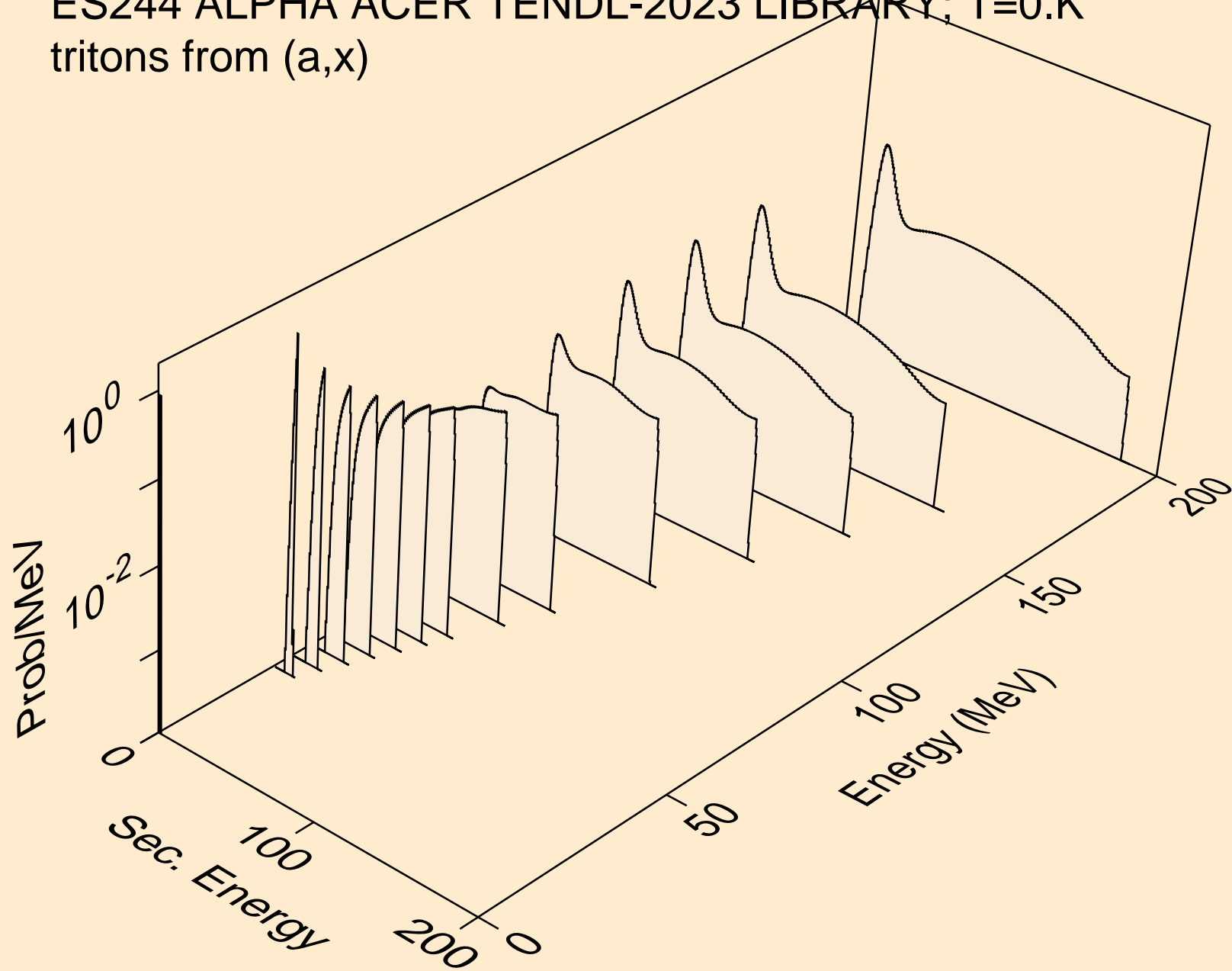
ES244 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)



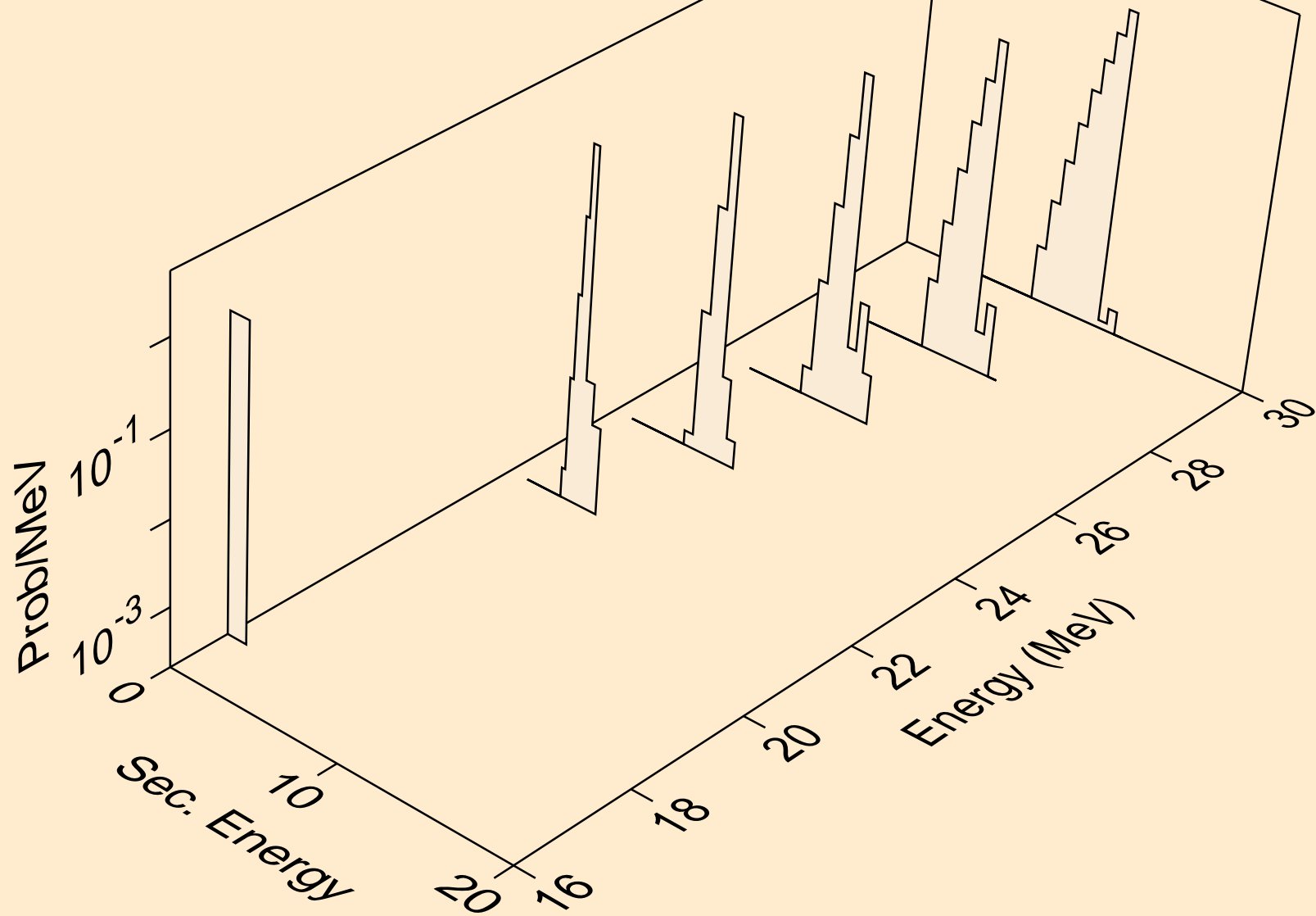
ES244 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,d)



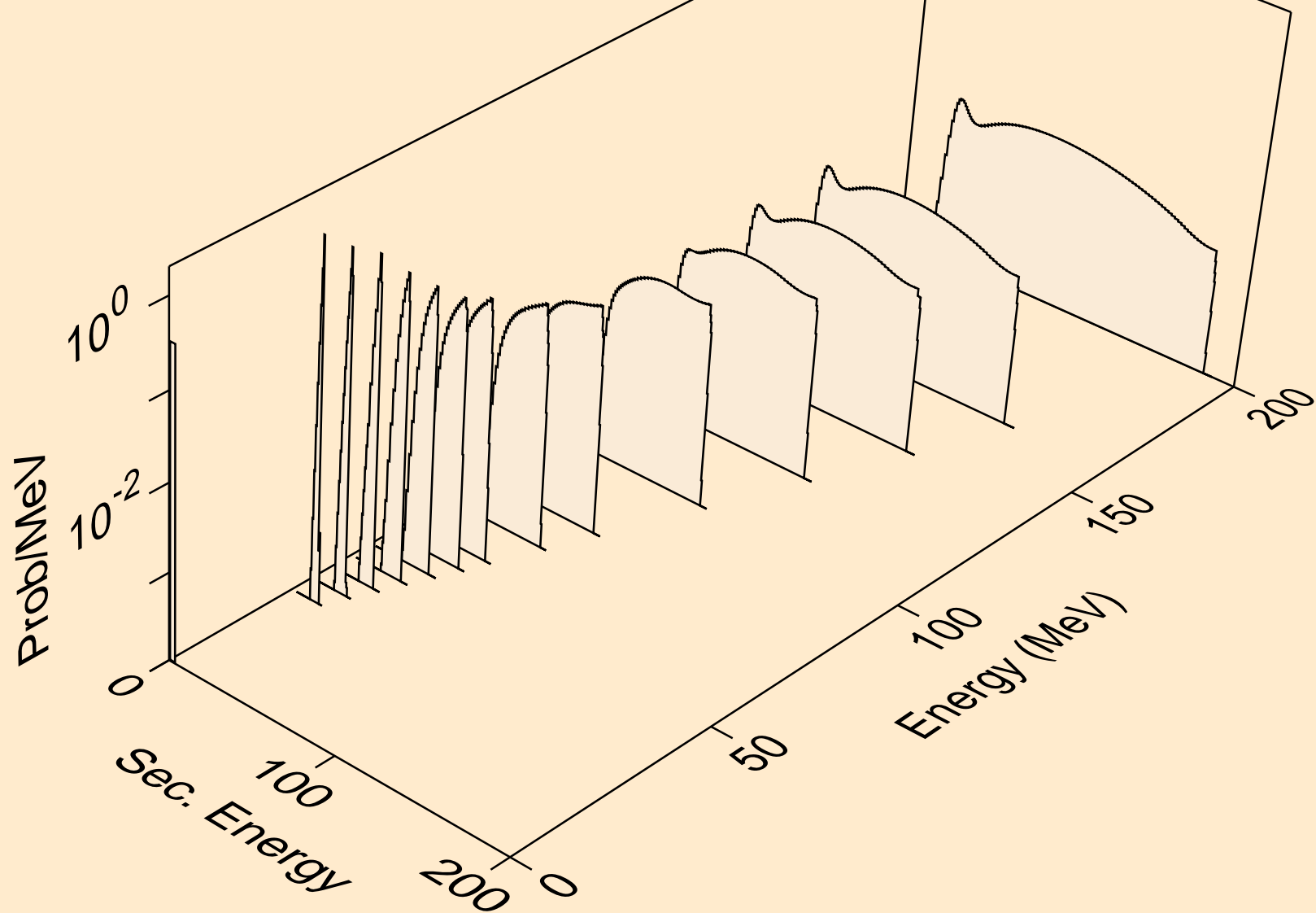
ES244 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)



ES244 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)



ES244 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



ES244 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

