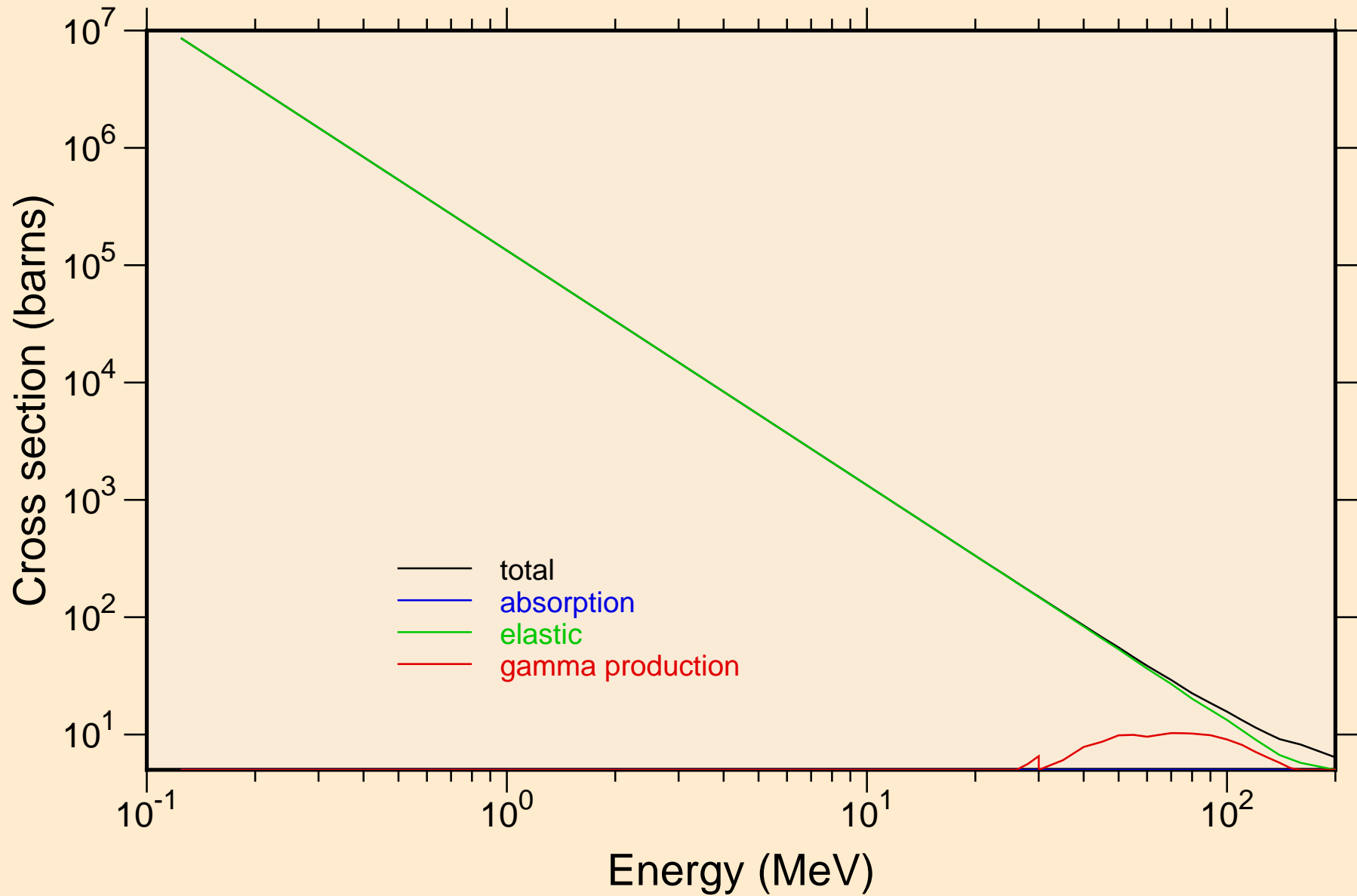


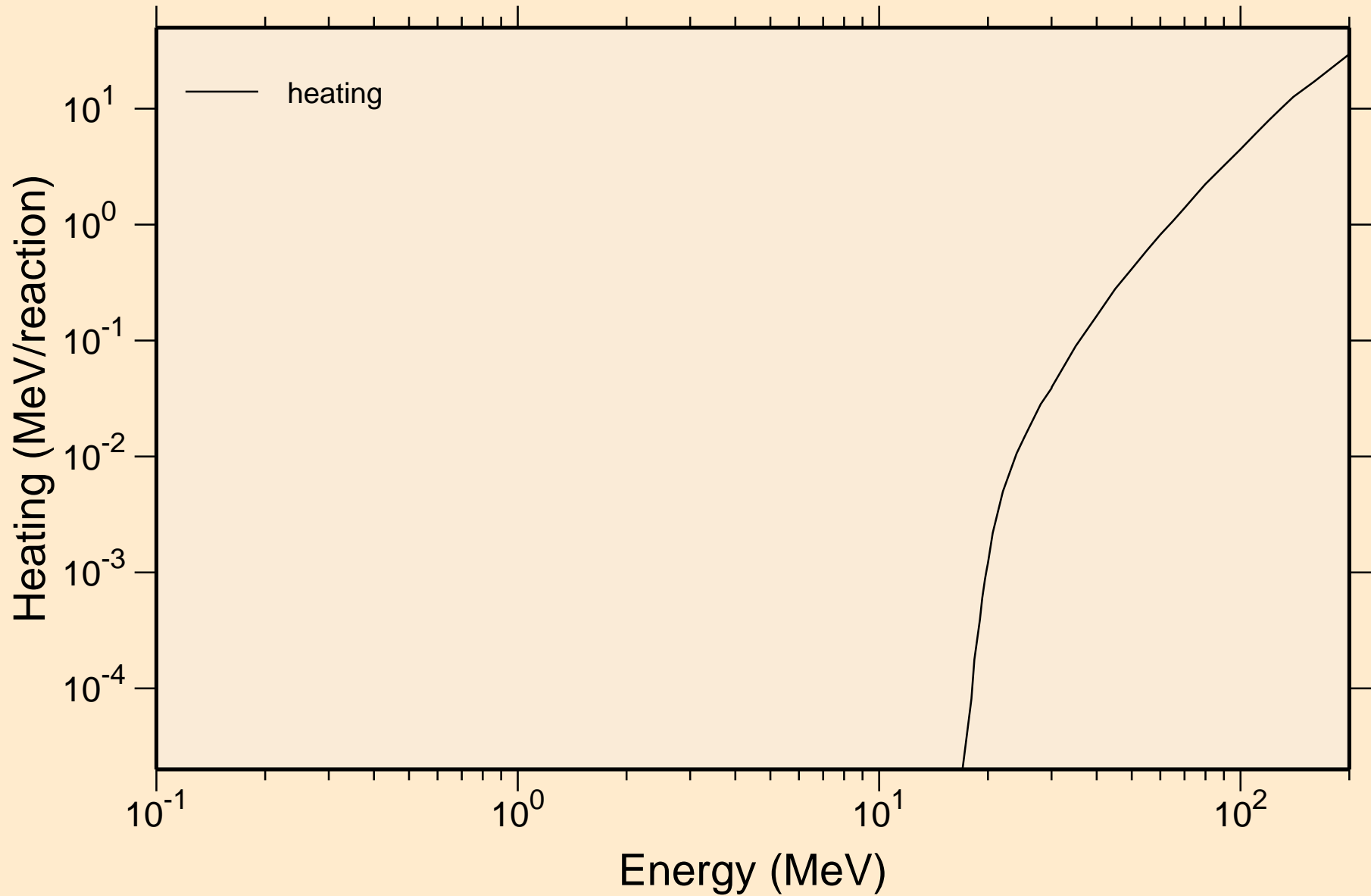
# HF162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



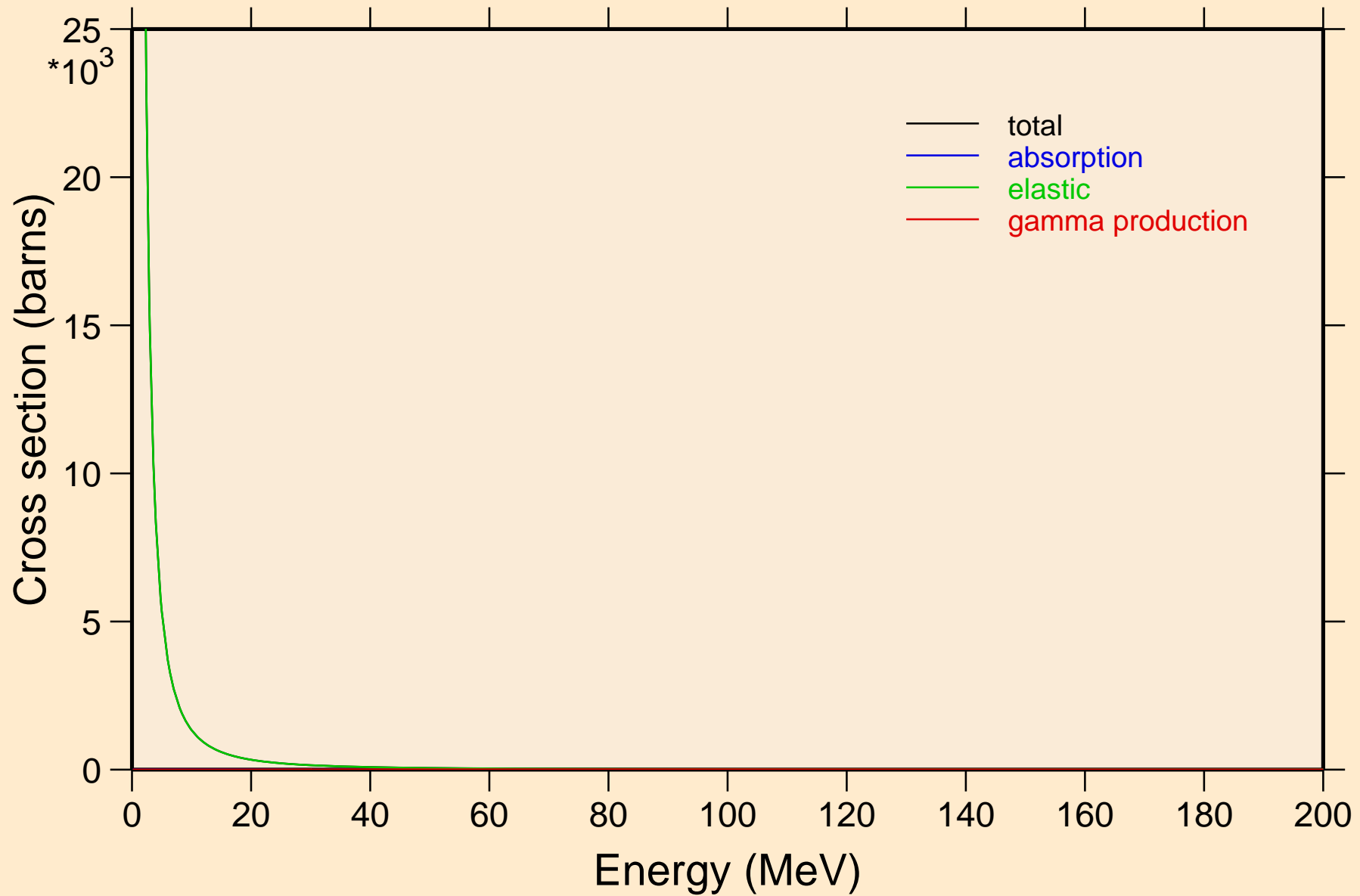
# HF162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Heating



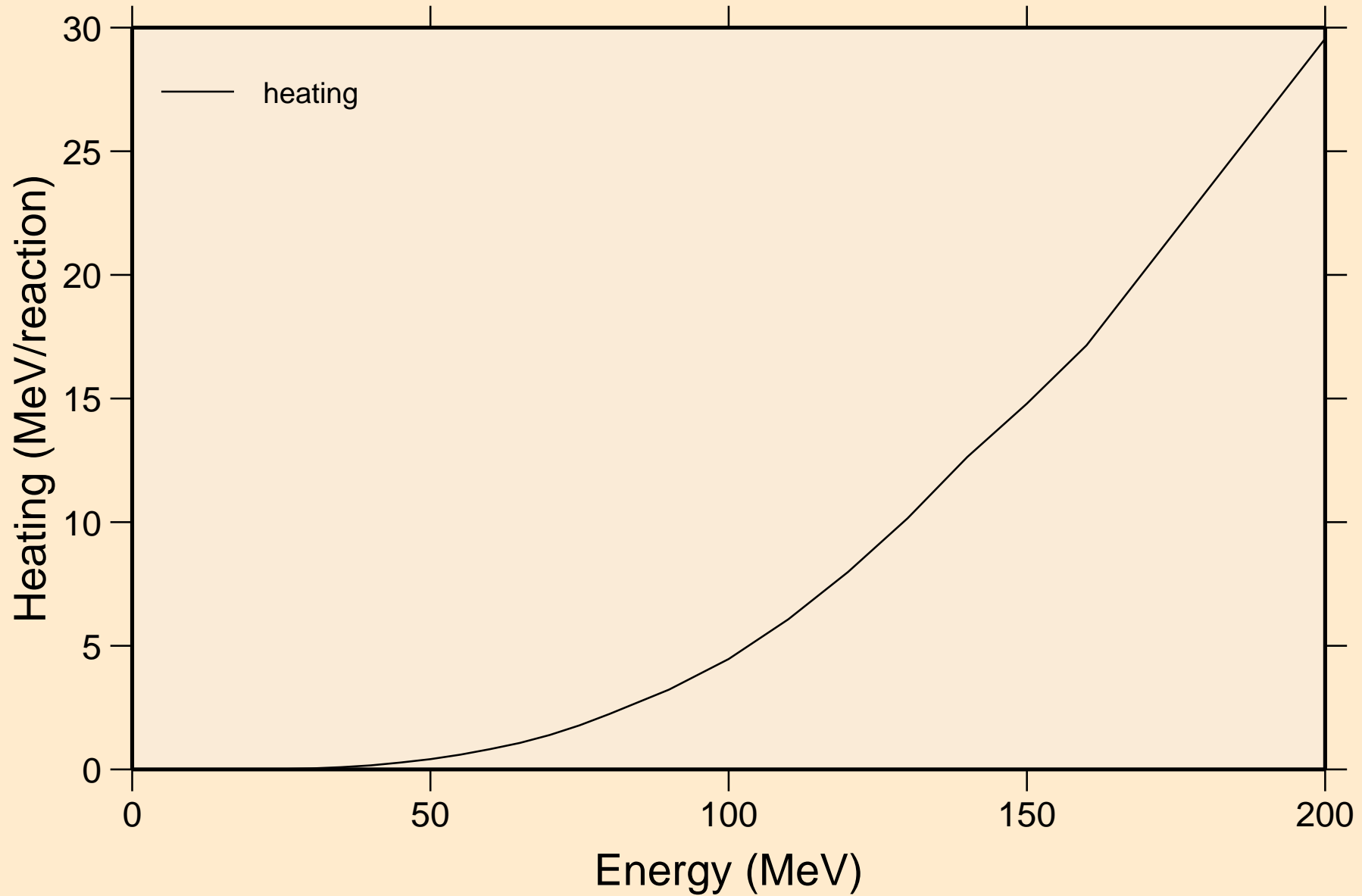
# HF162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

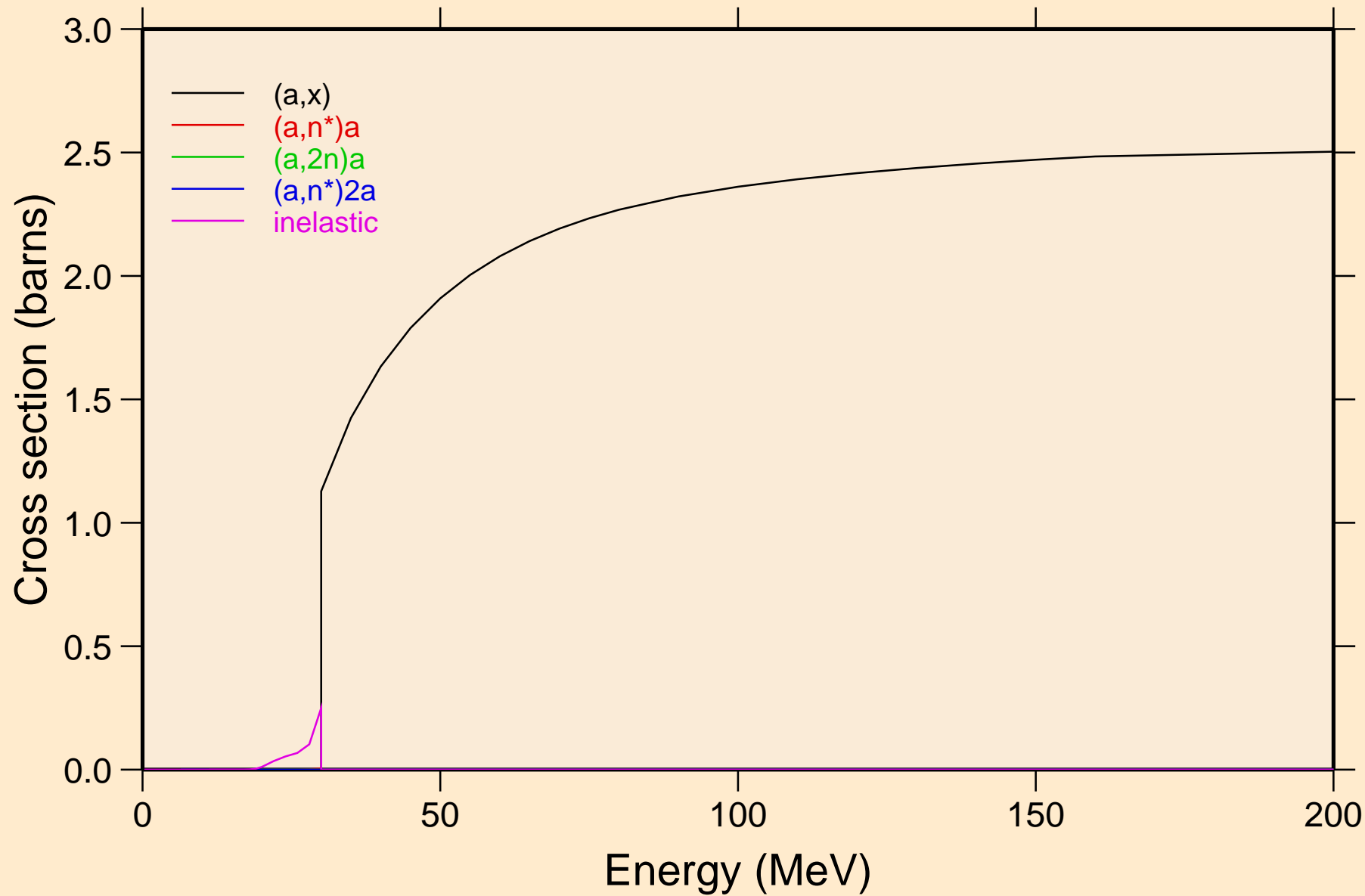


HF162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

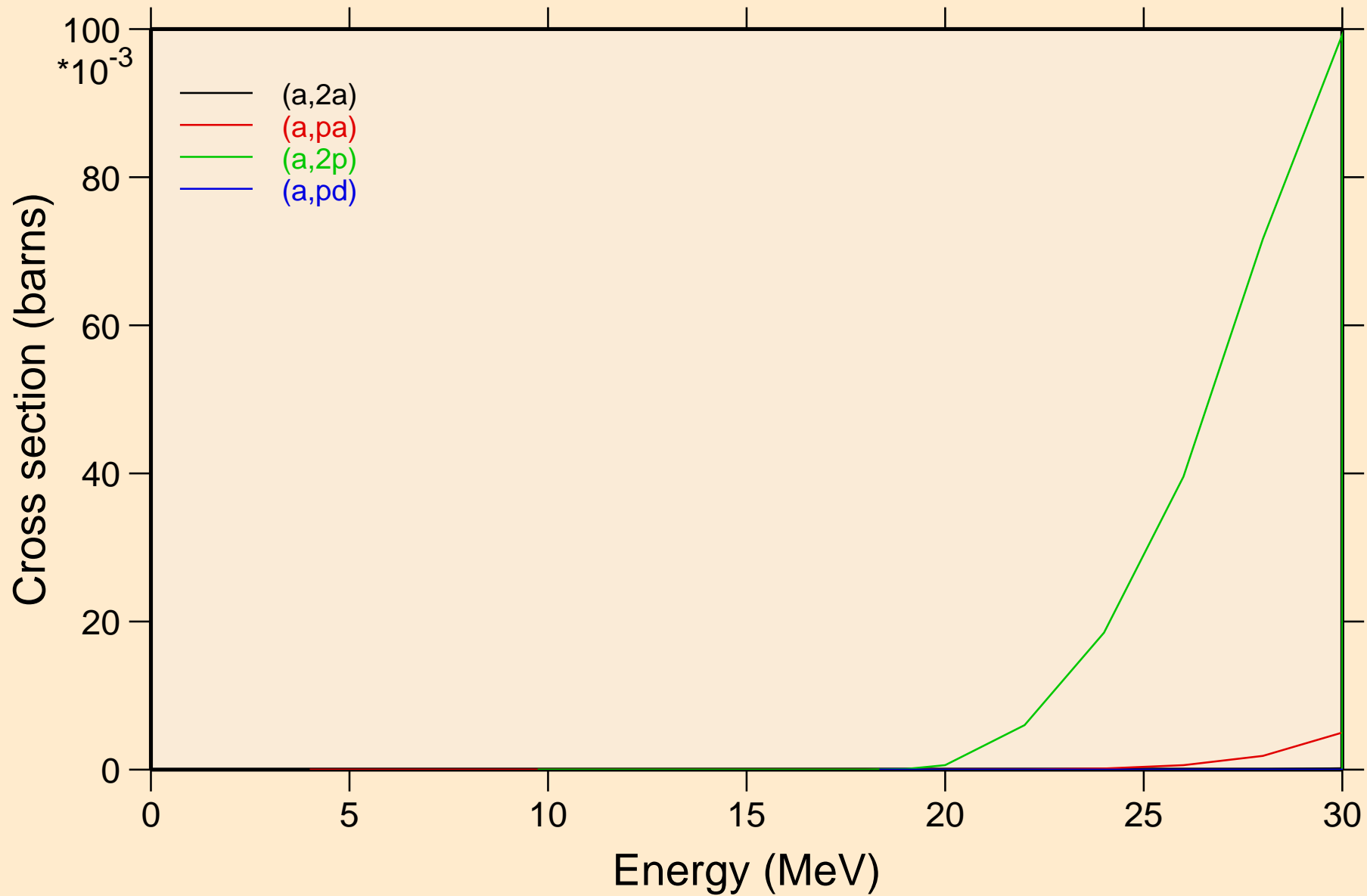
Heating



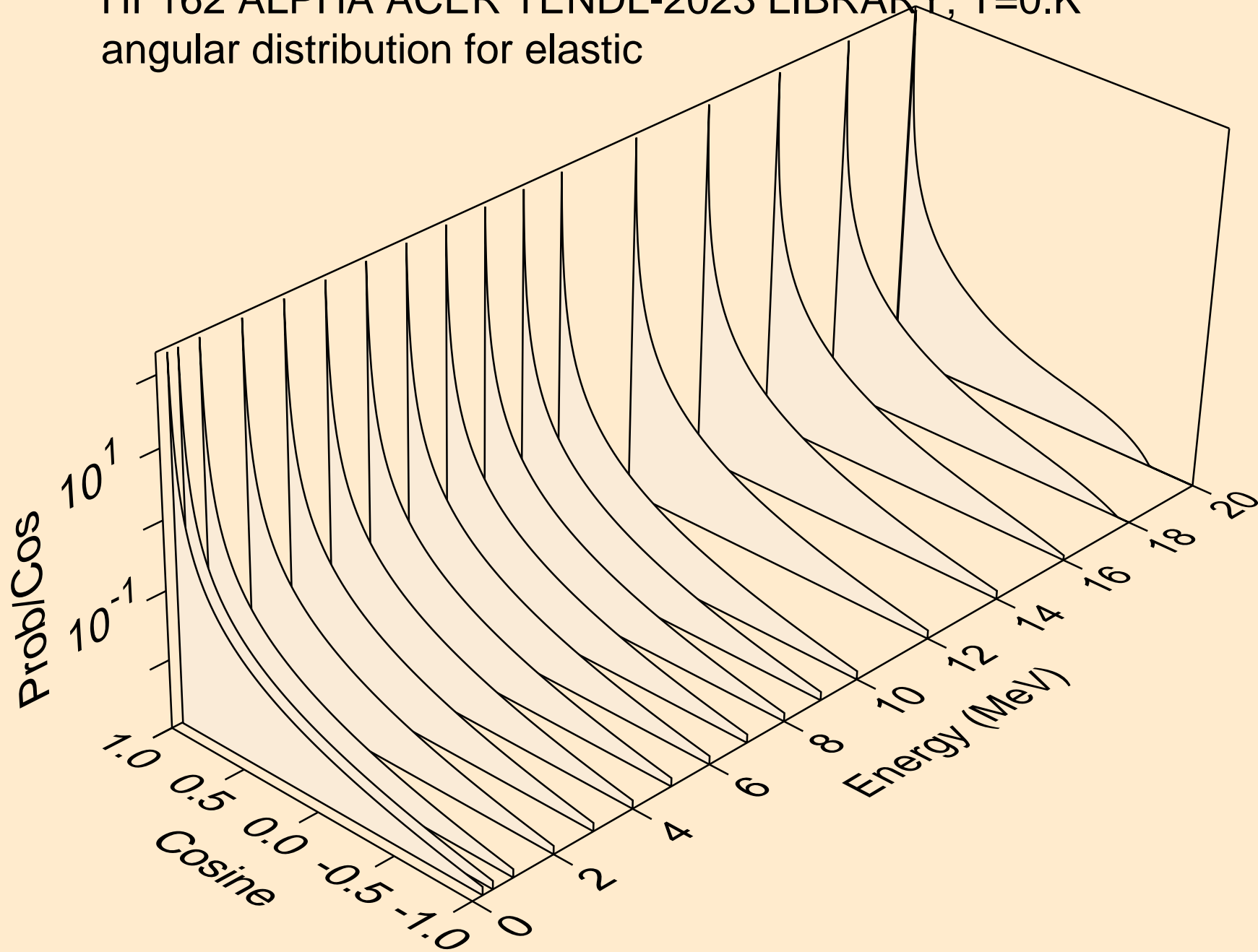
HF162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



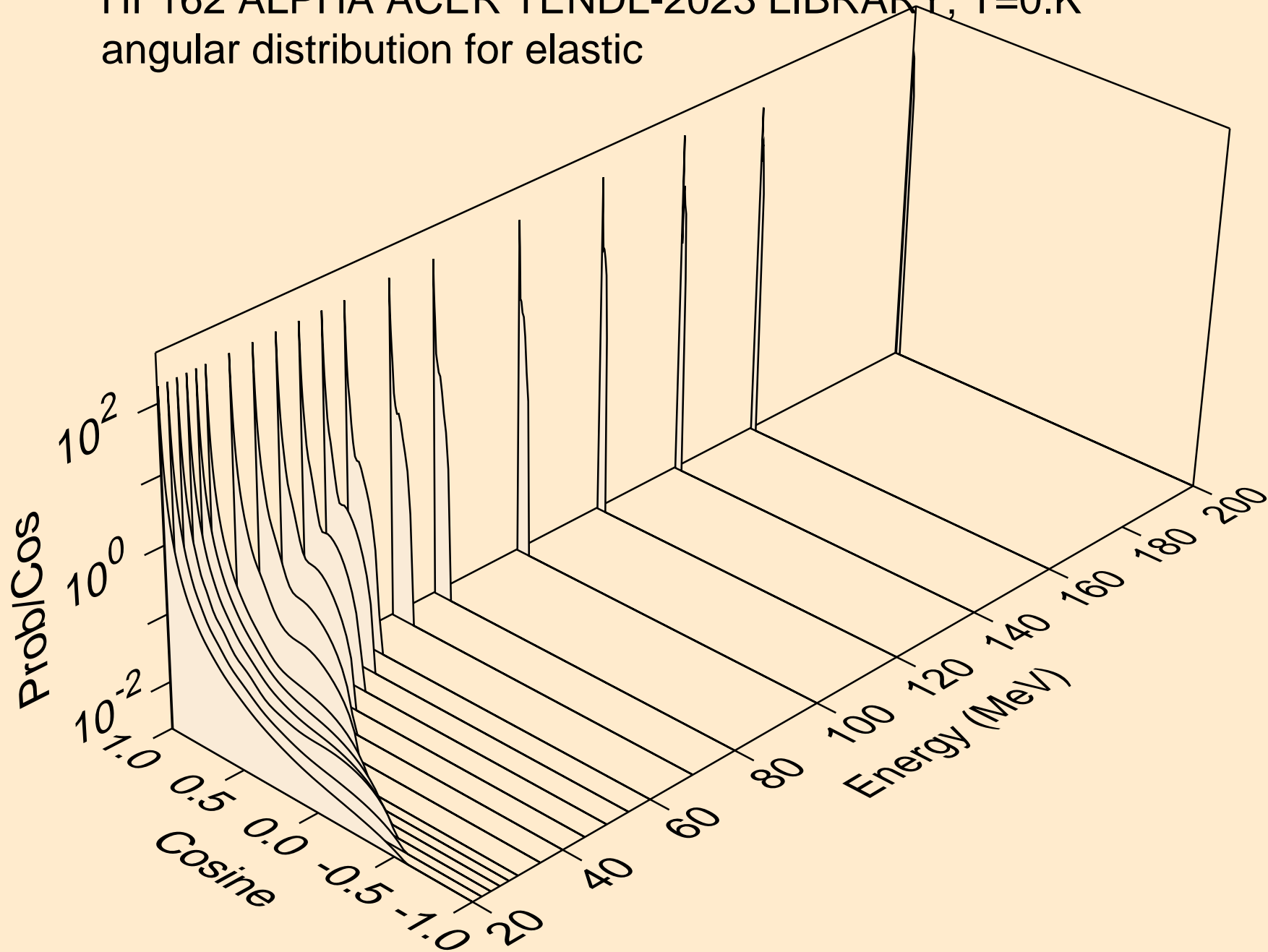
HF162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



HF162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

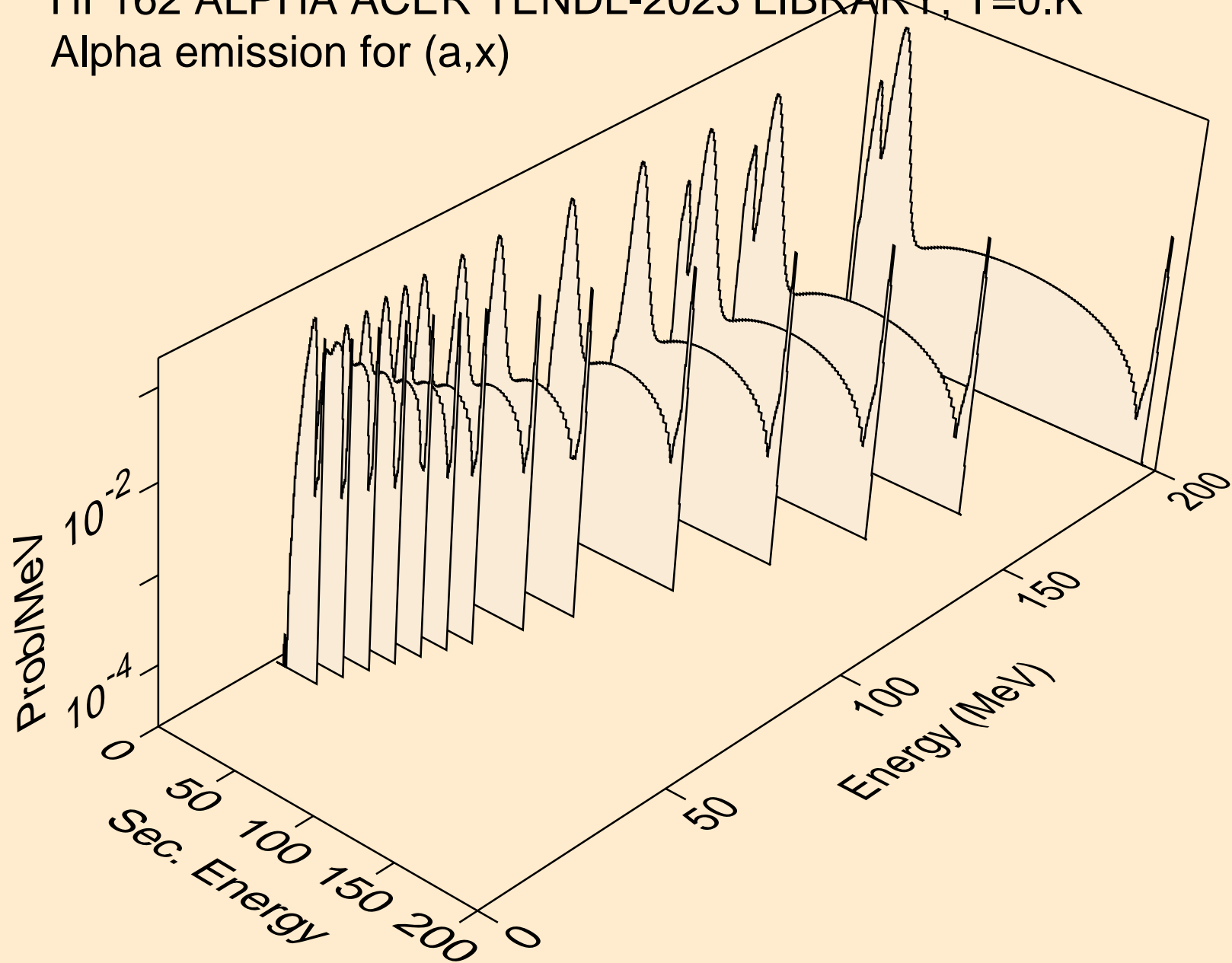


HF162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

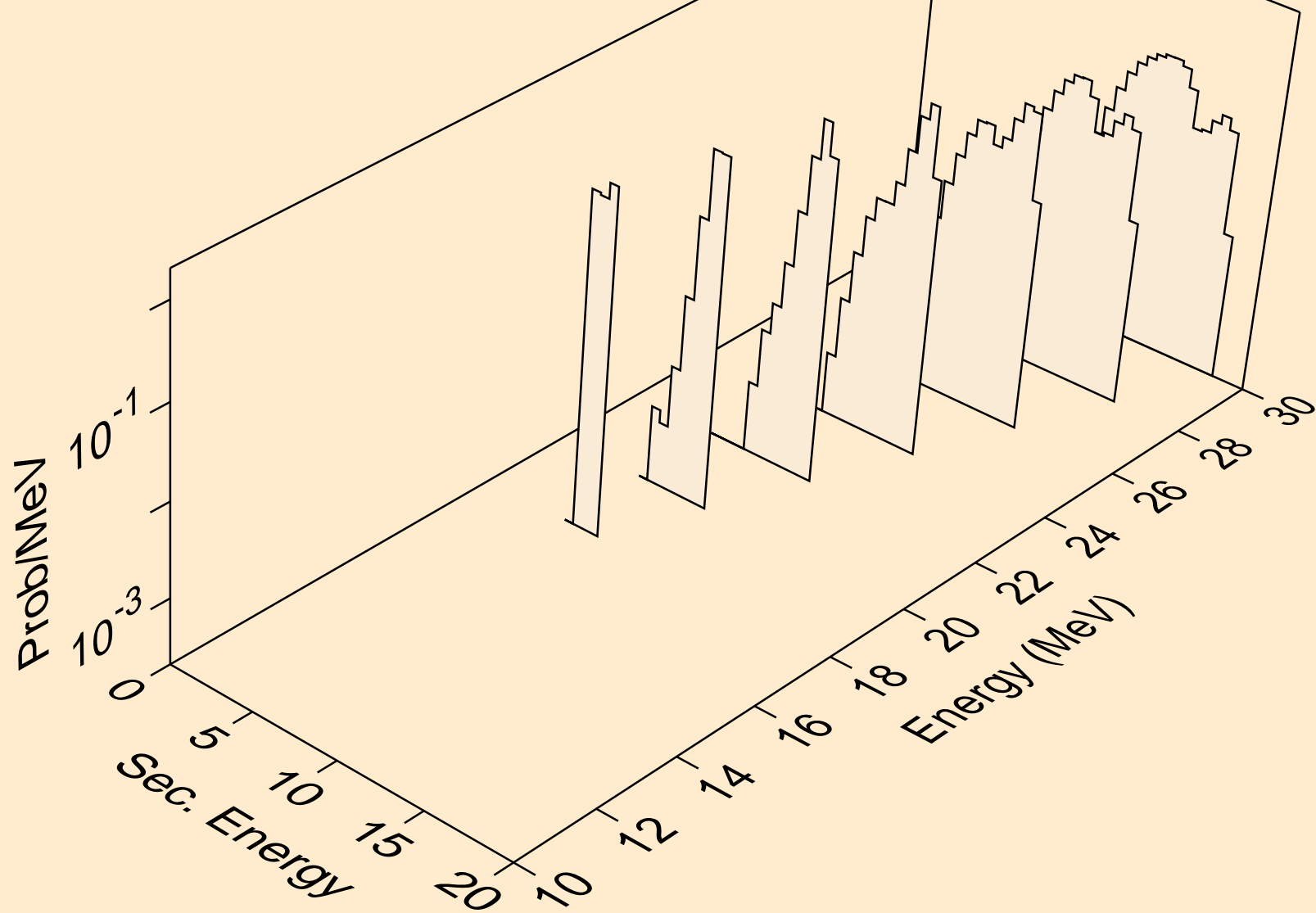




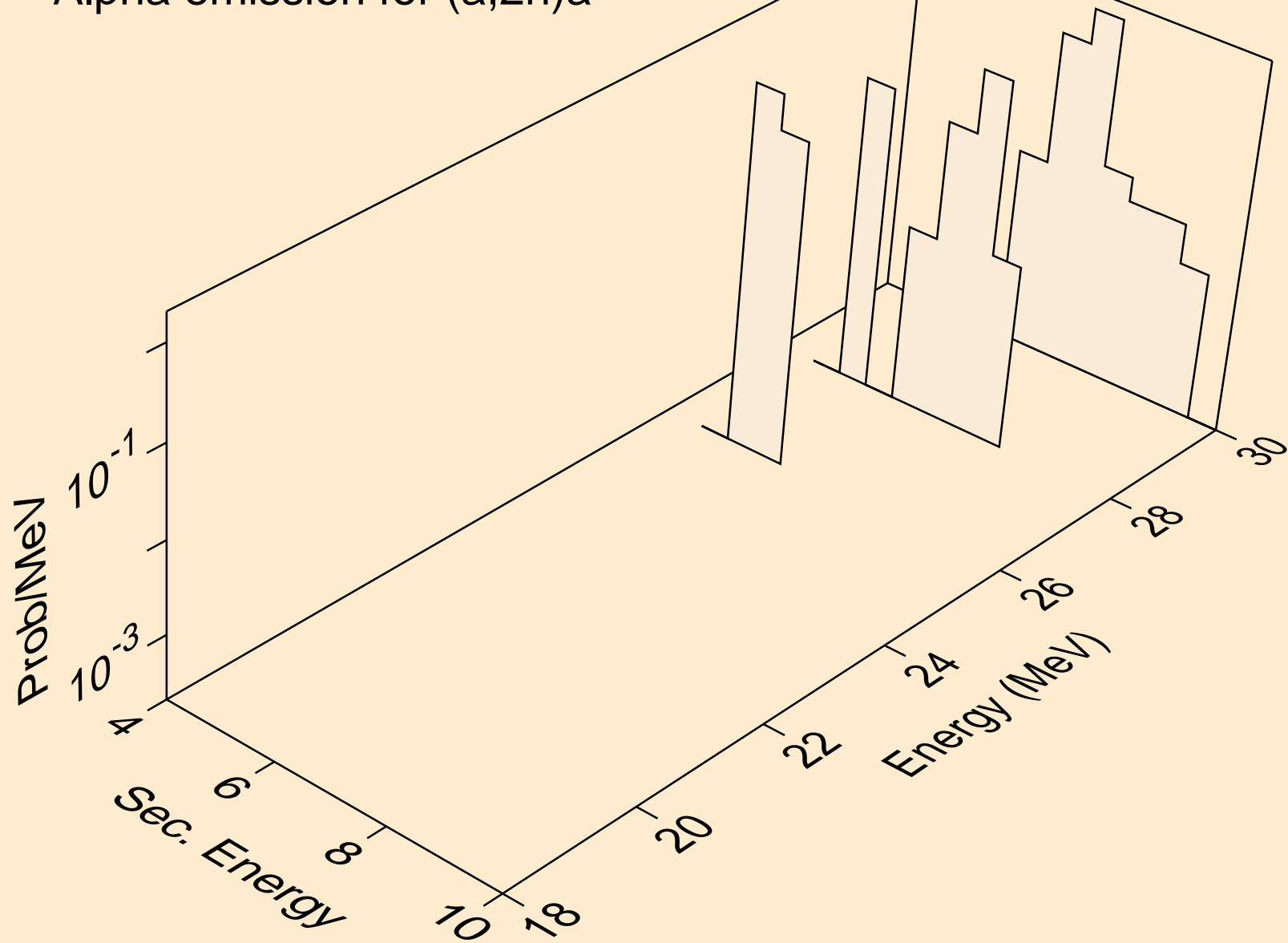
HF162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,x)



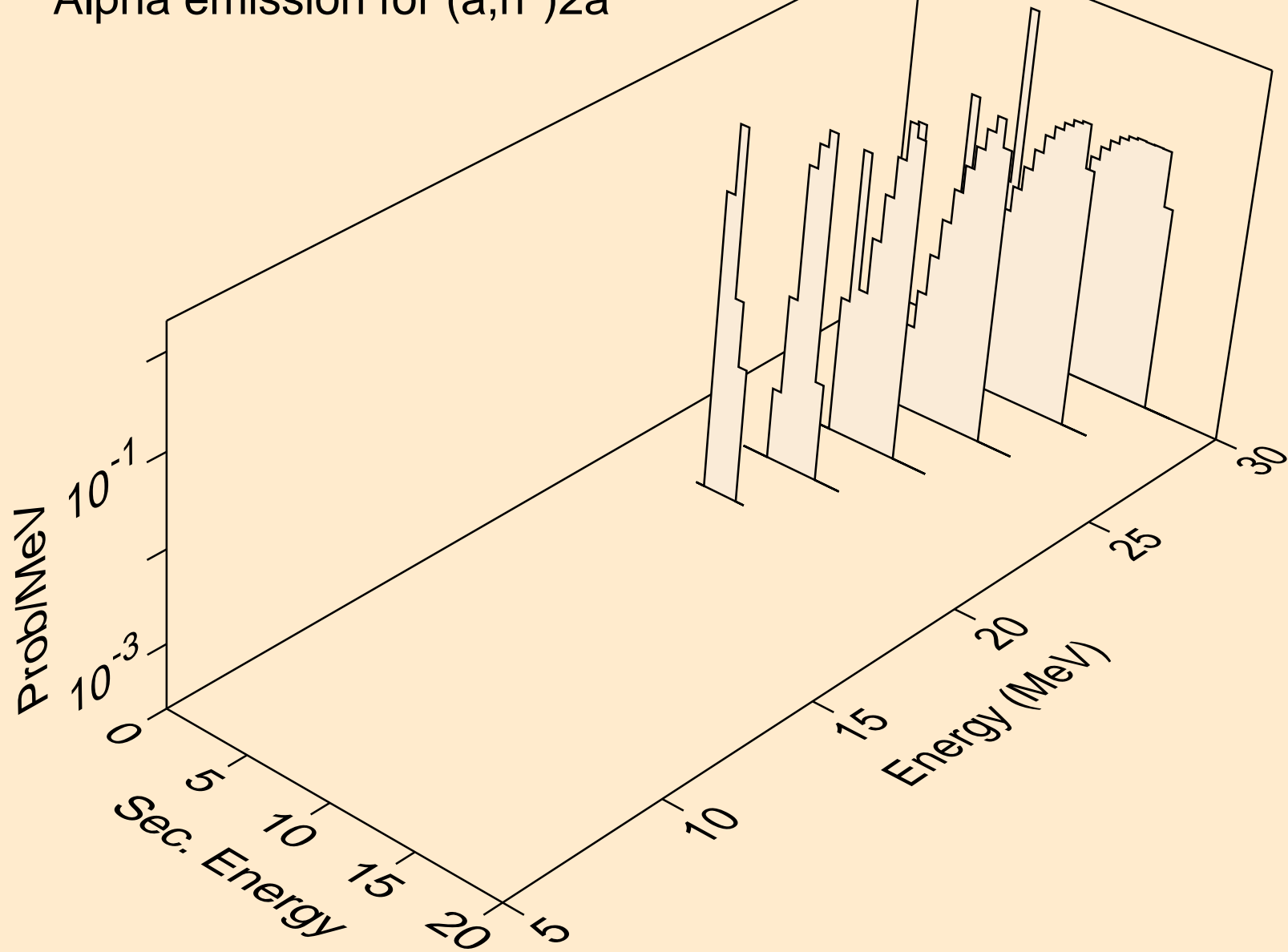
HF162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



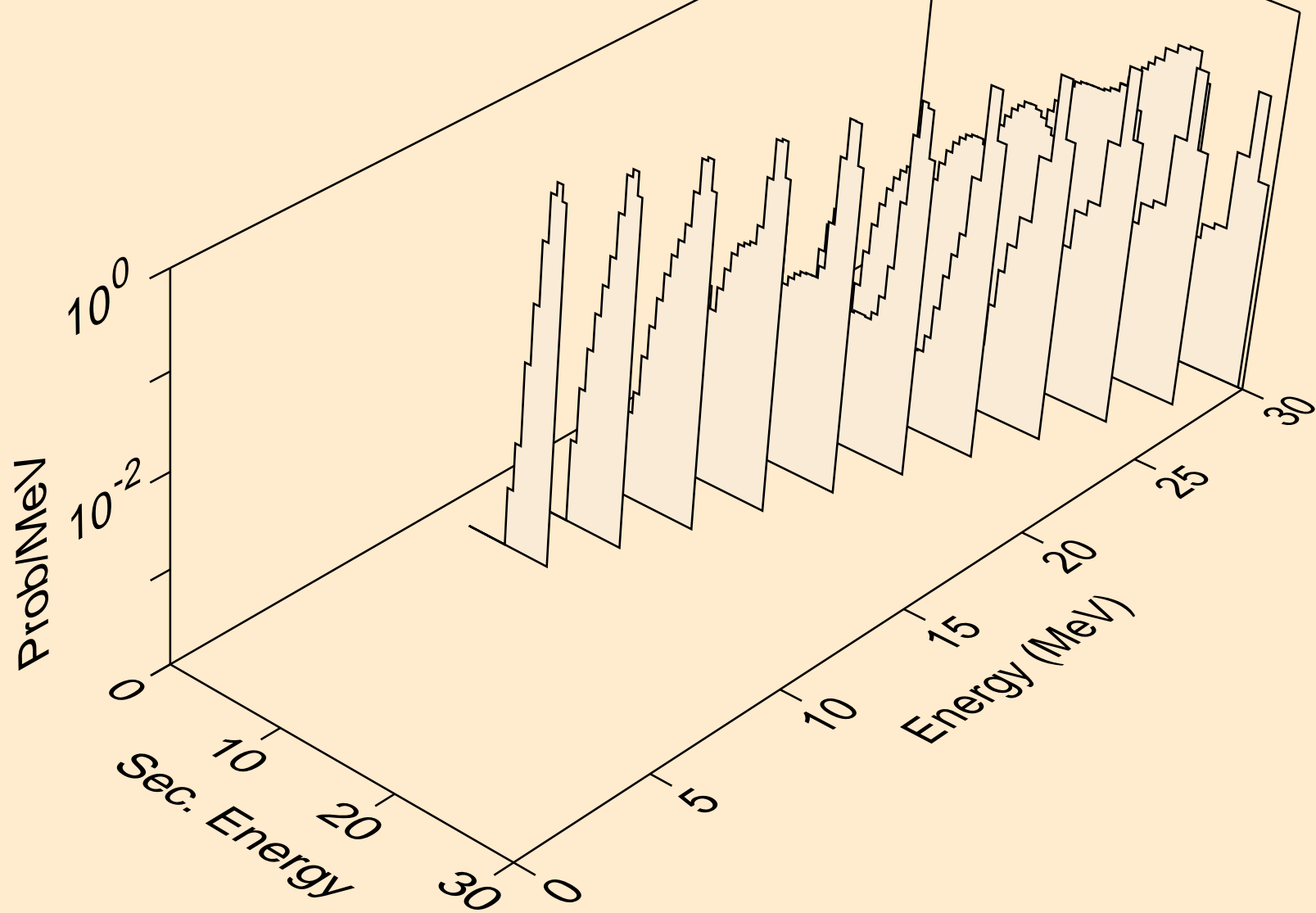
HF162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



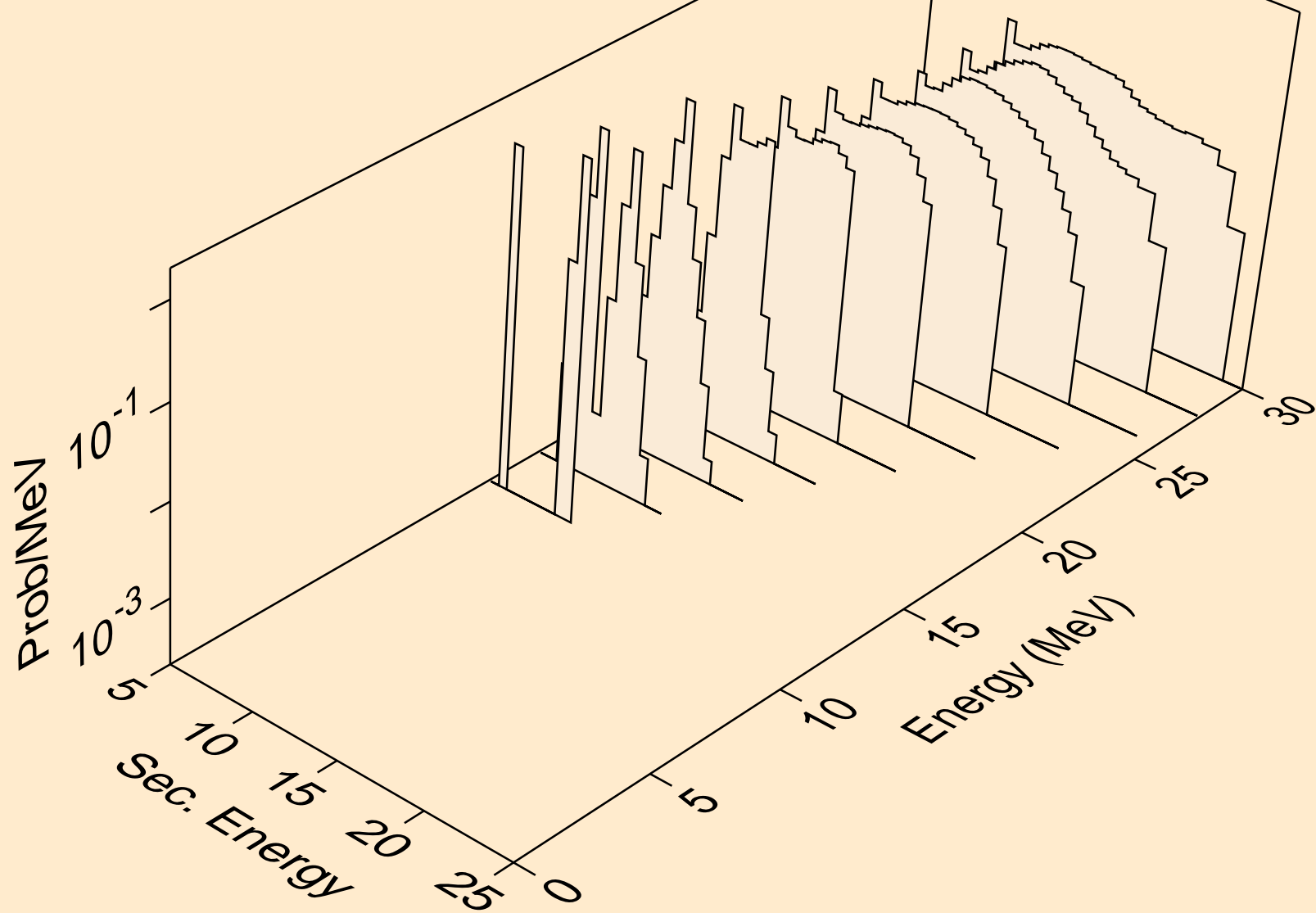
HF162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)2a



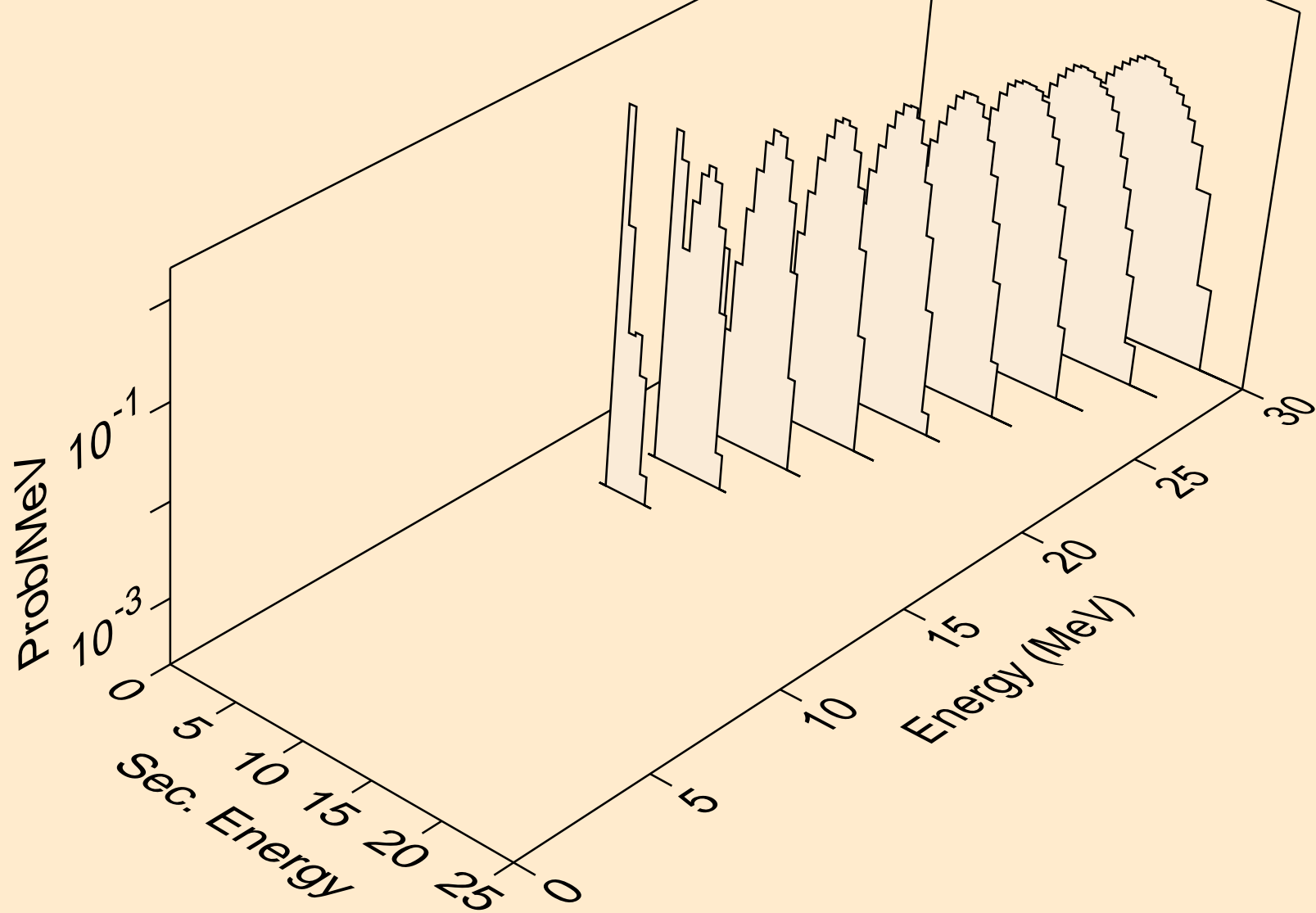
HF162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic



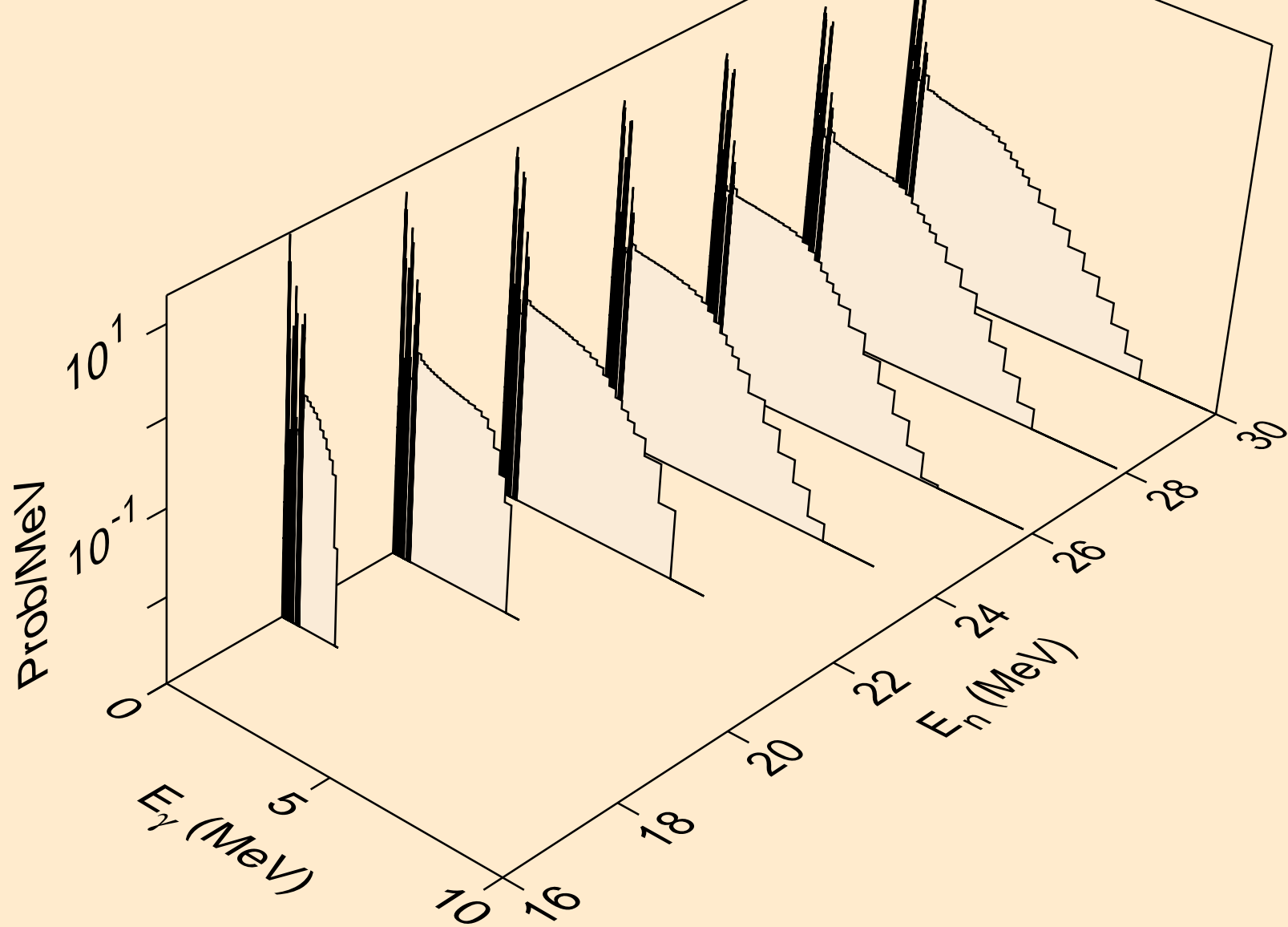
HF162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2a)



HF162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,pa)

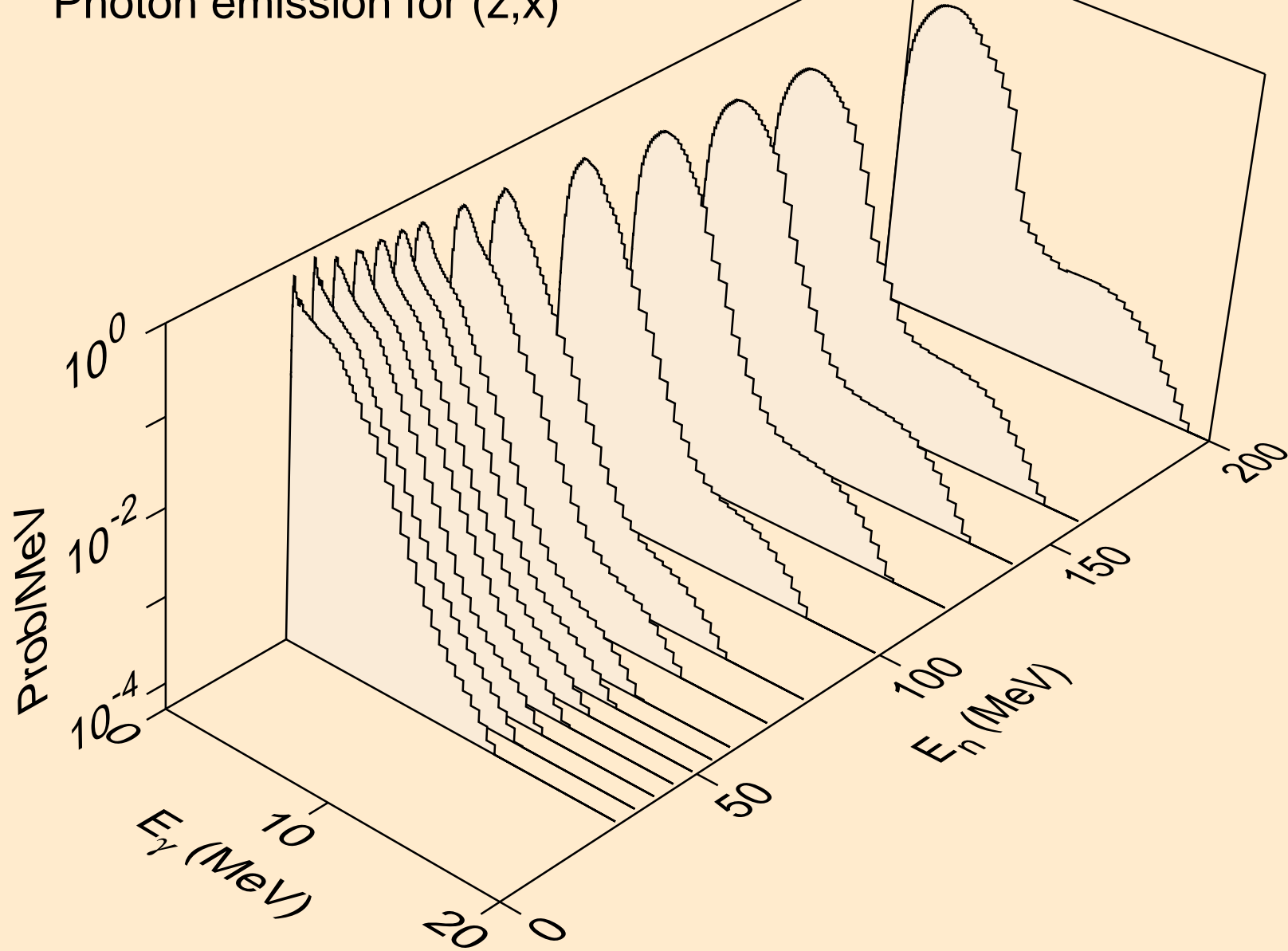


HF162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)

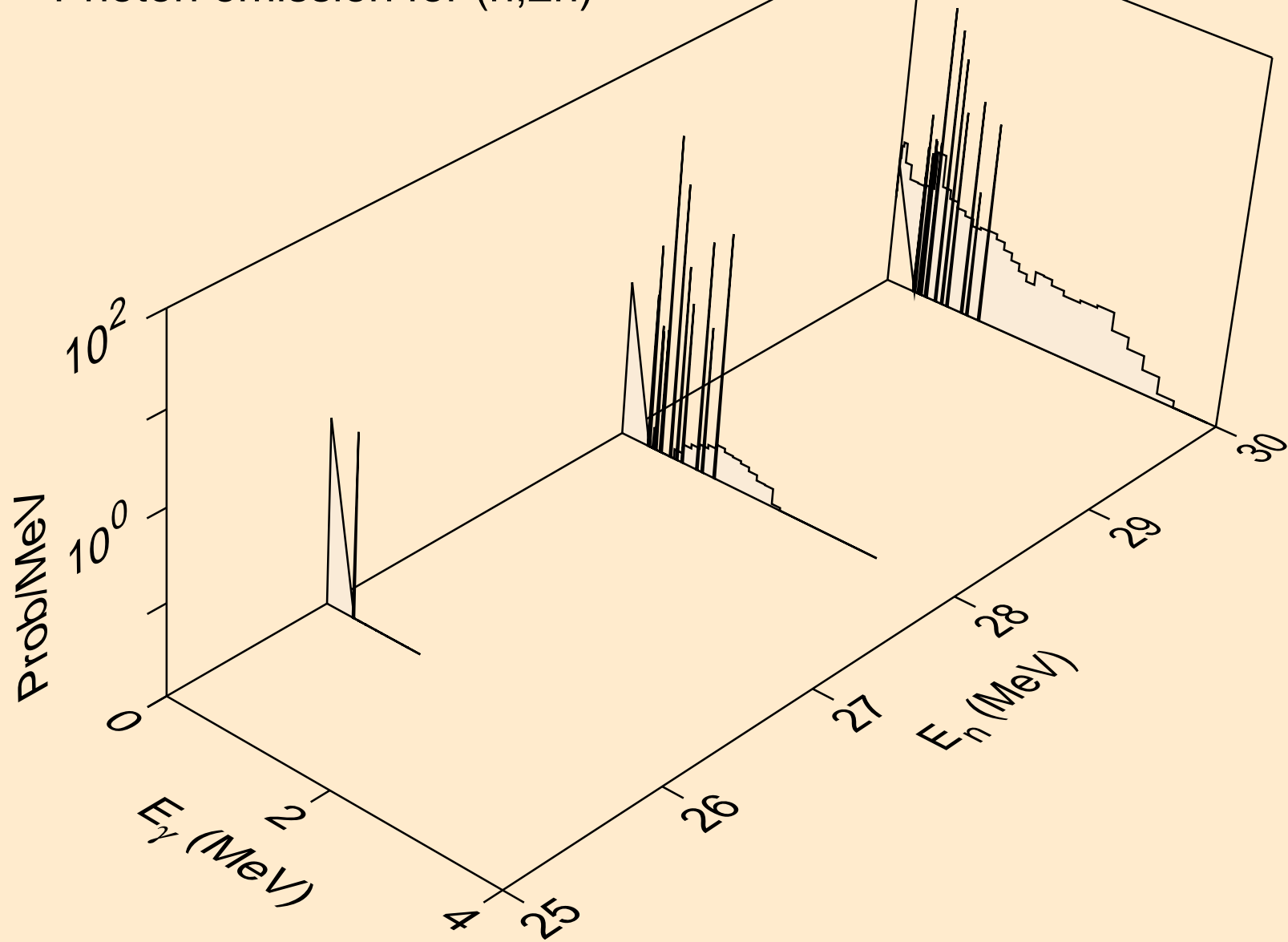




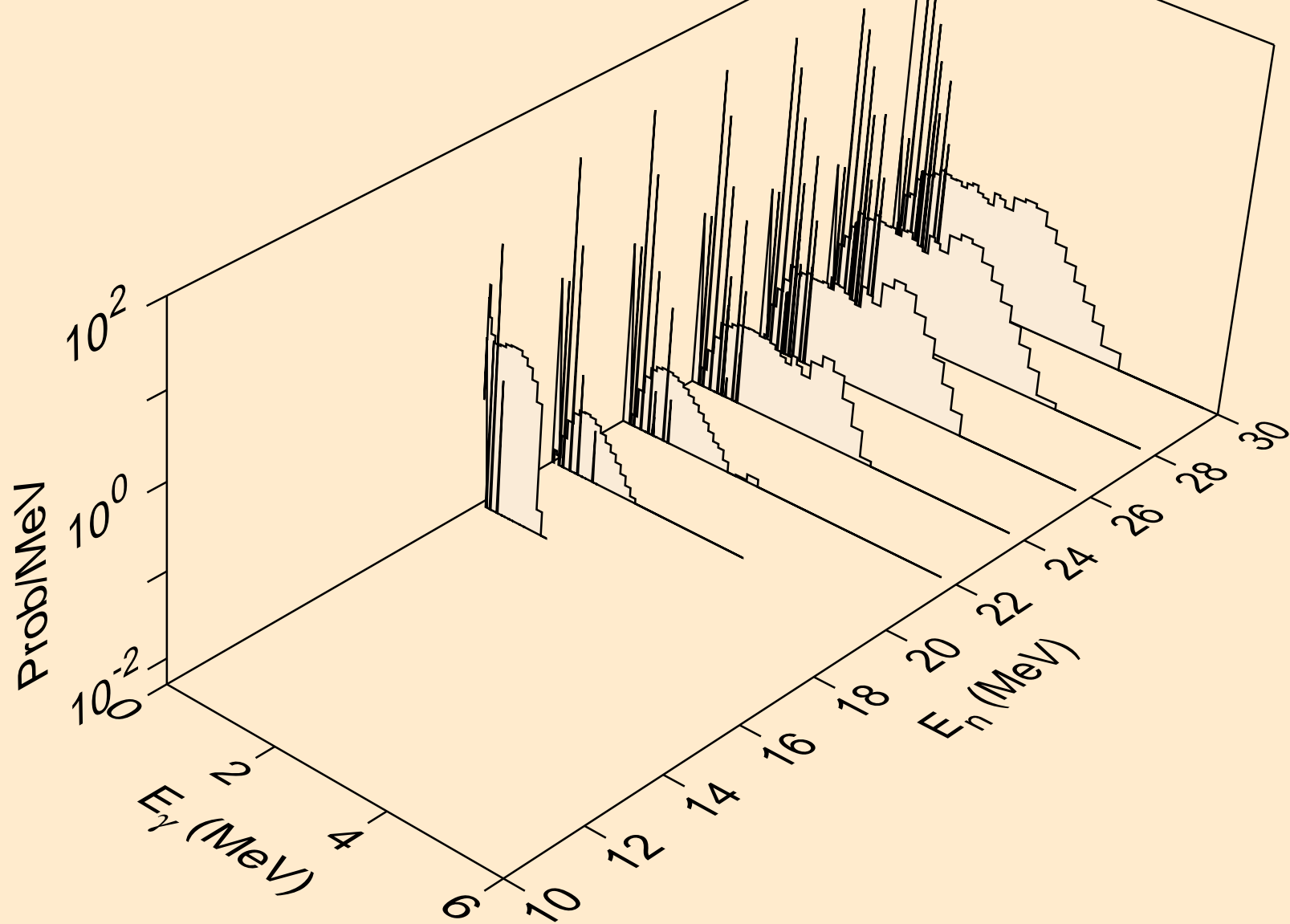
HF162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



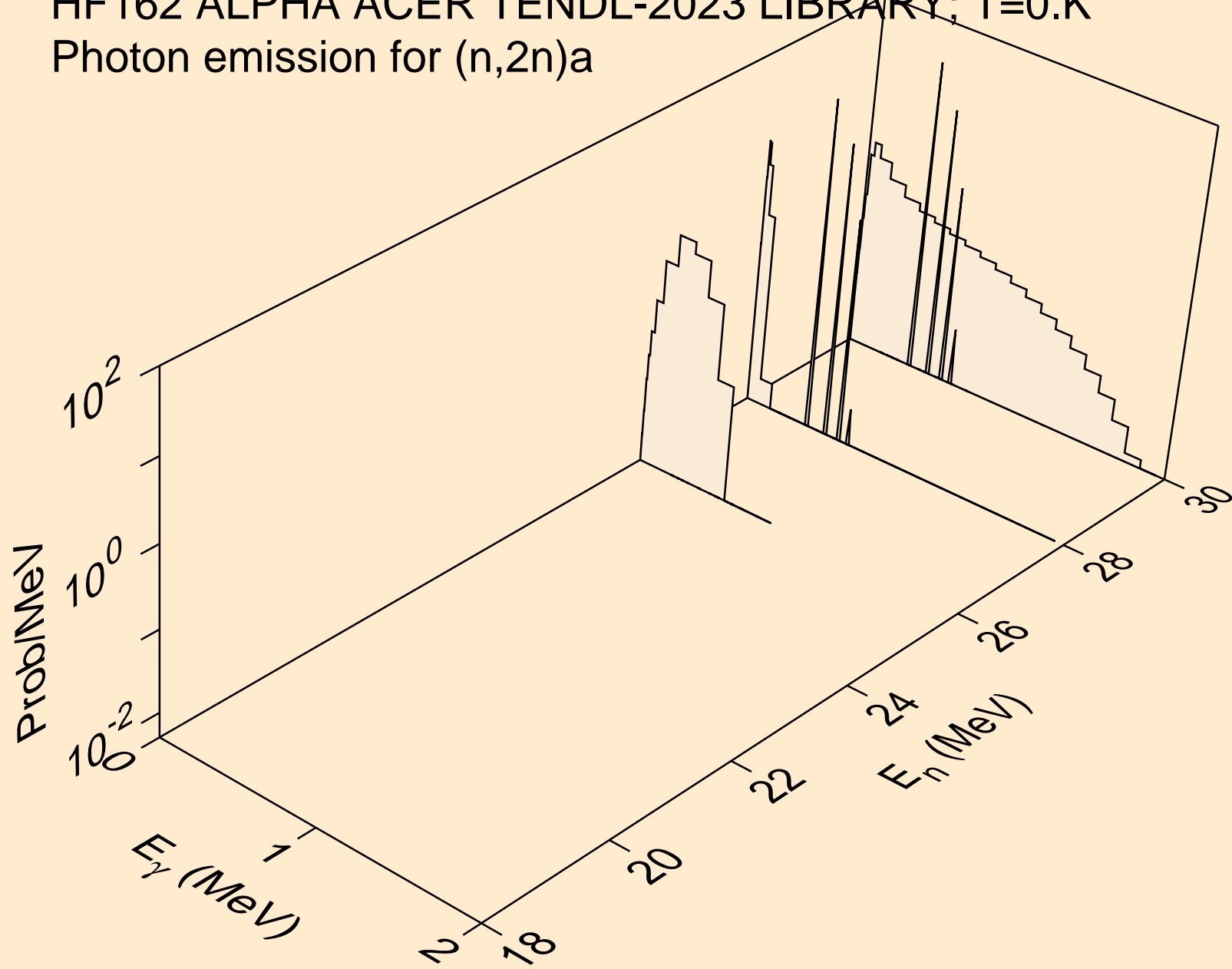
HF162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



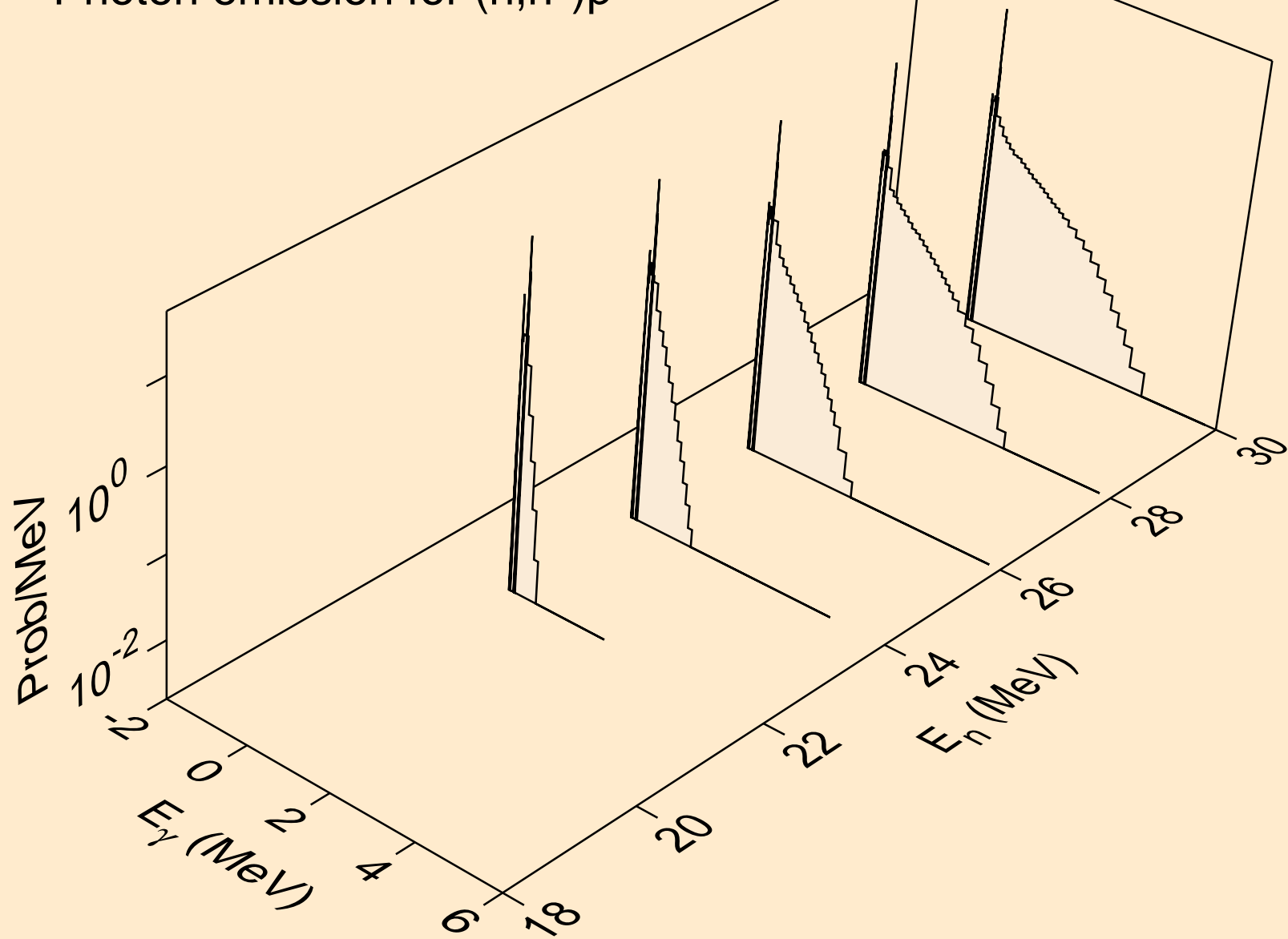
HF162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



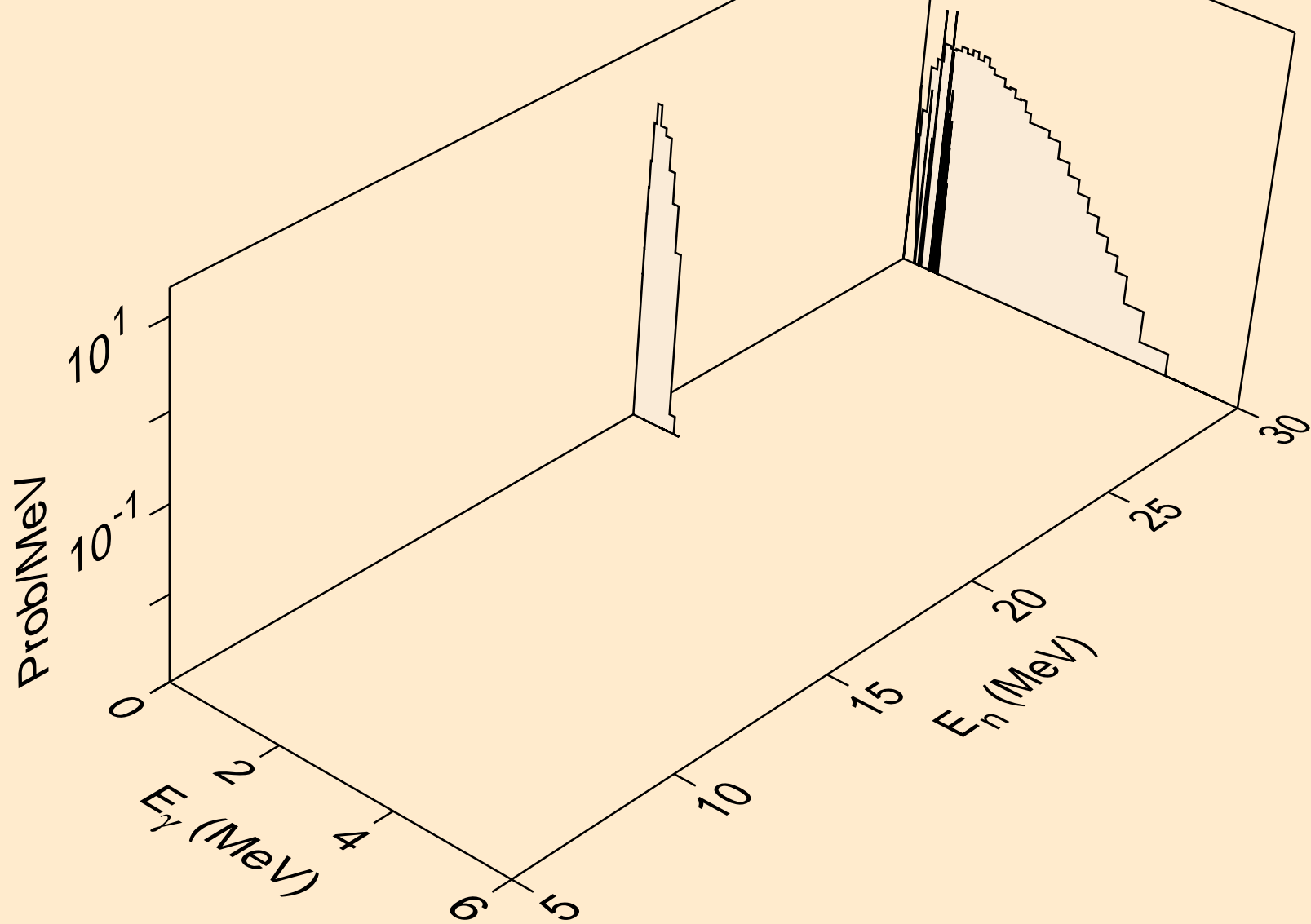
HF162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



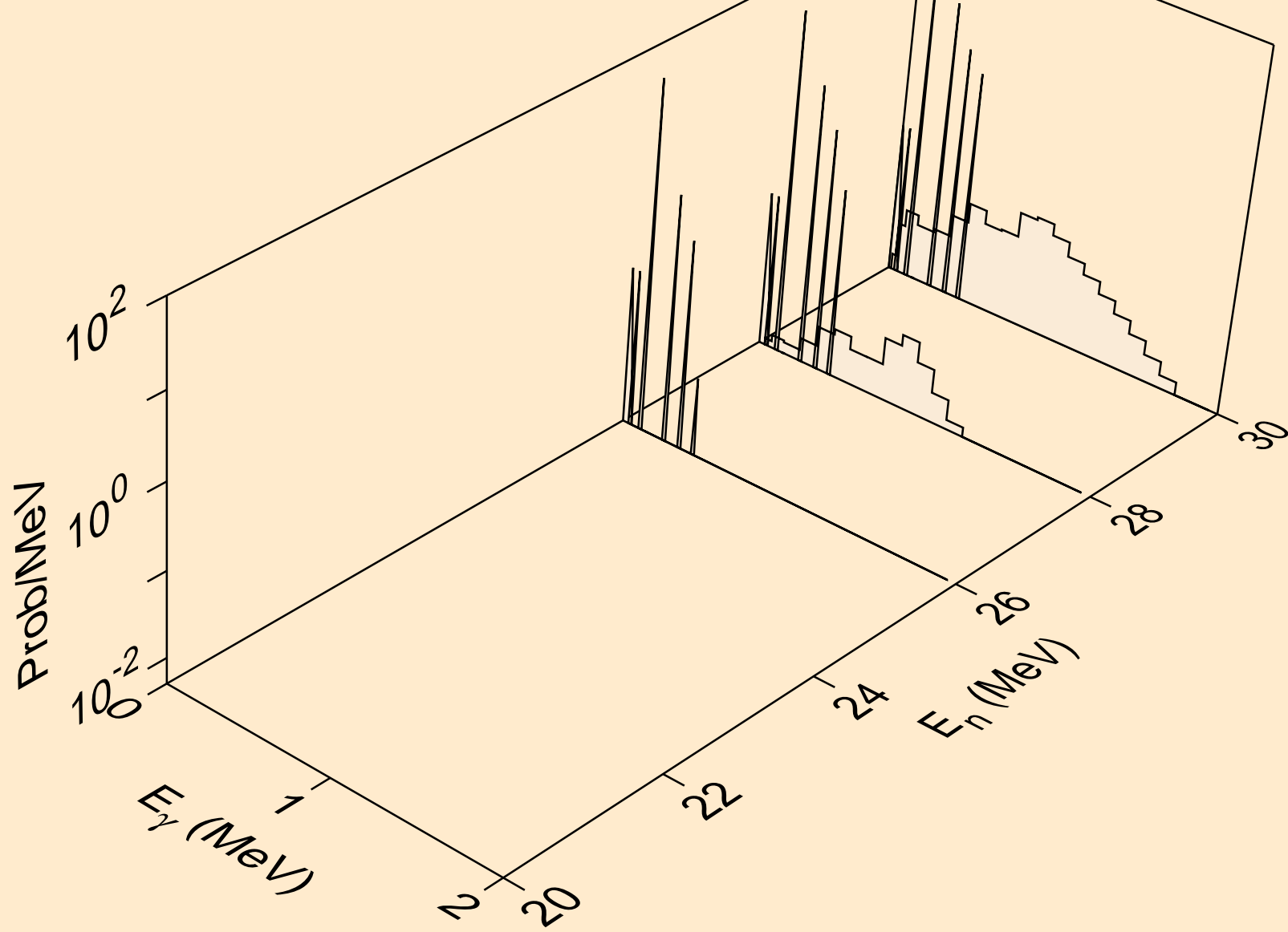
HF162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



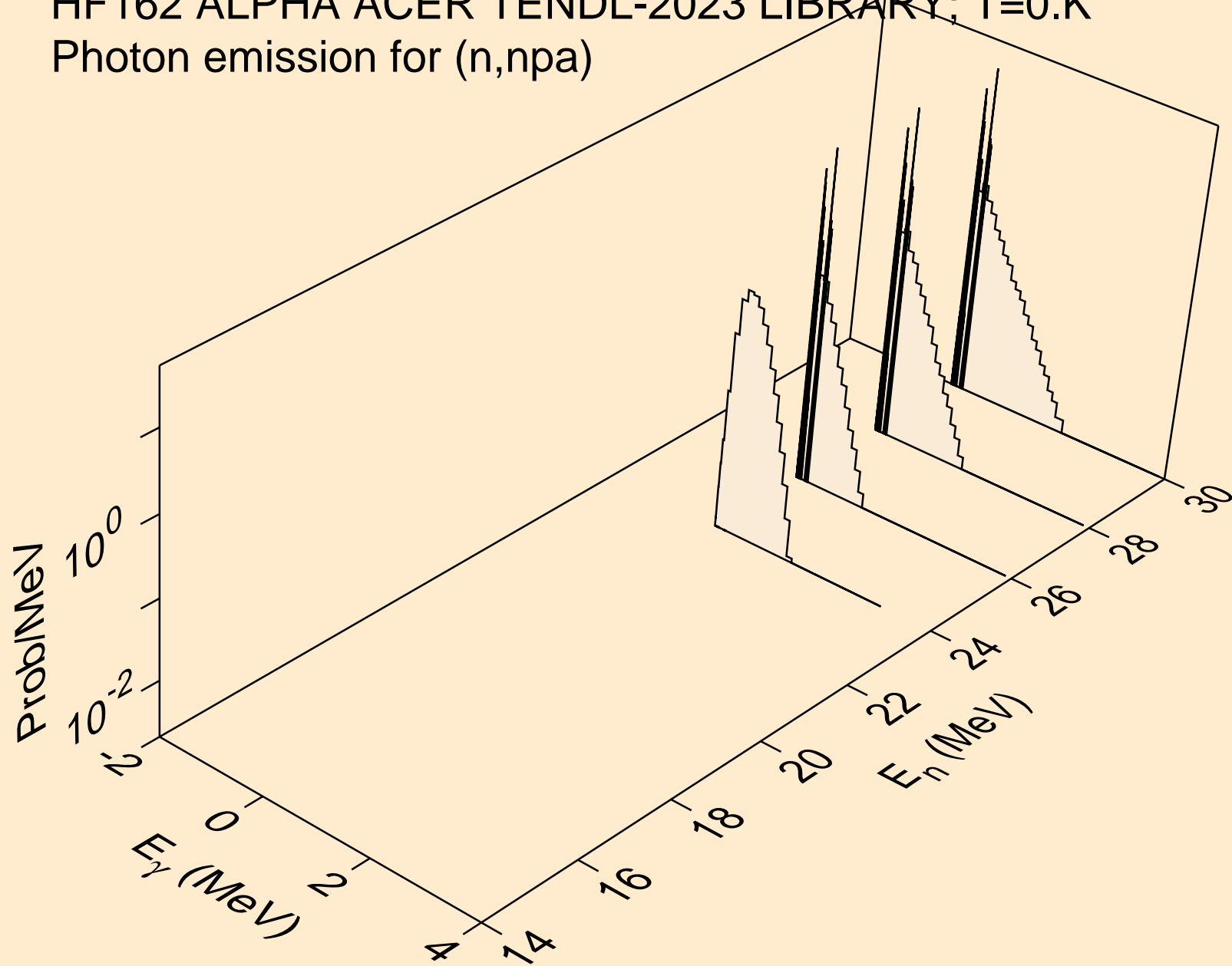
HF162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



HF162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)

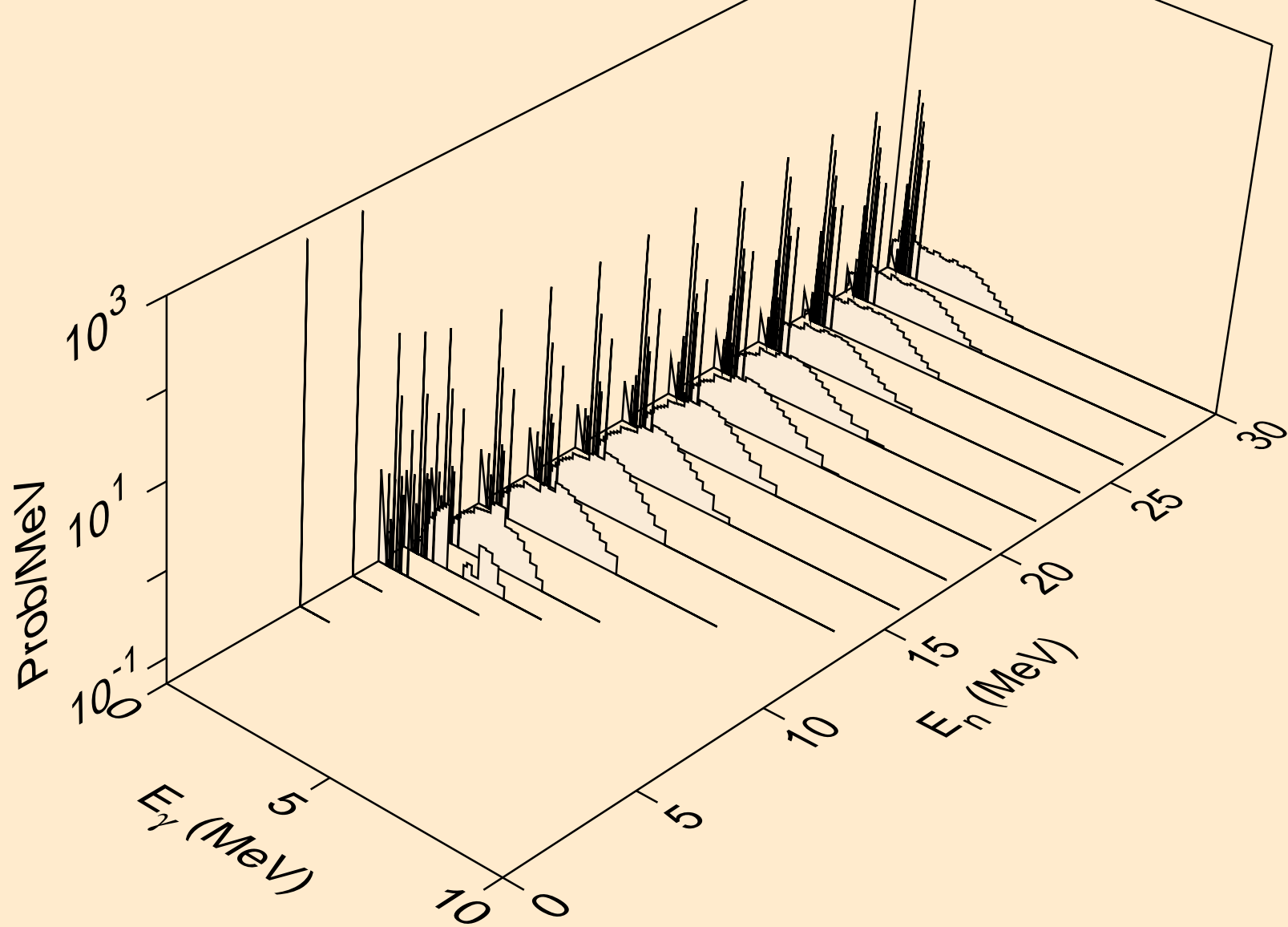


HF162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)

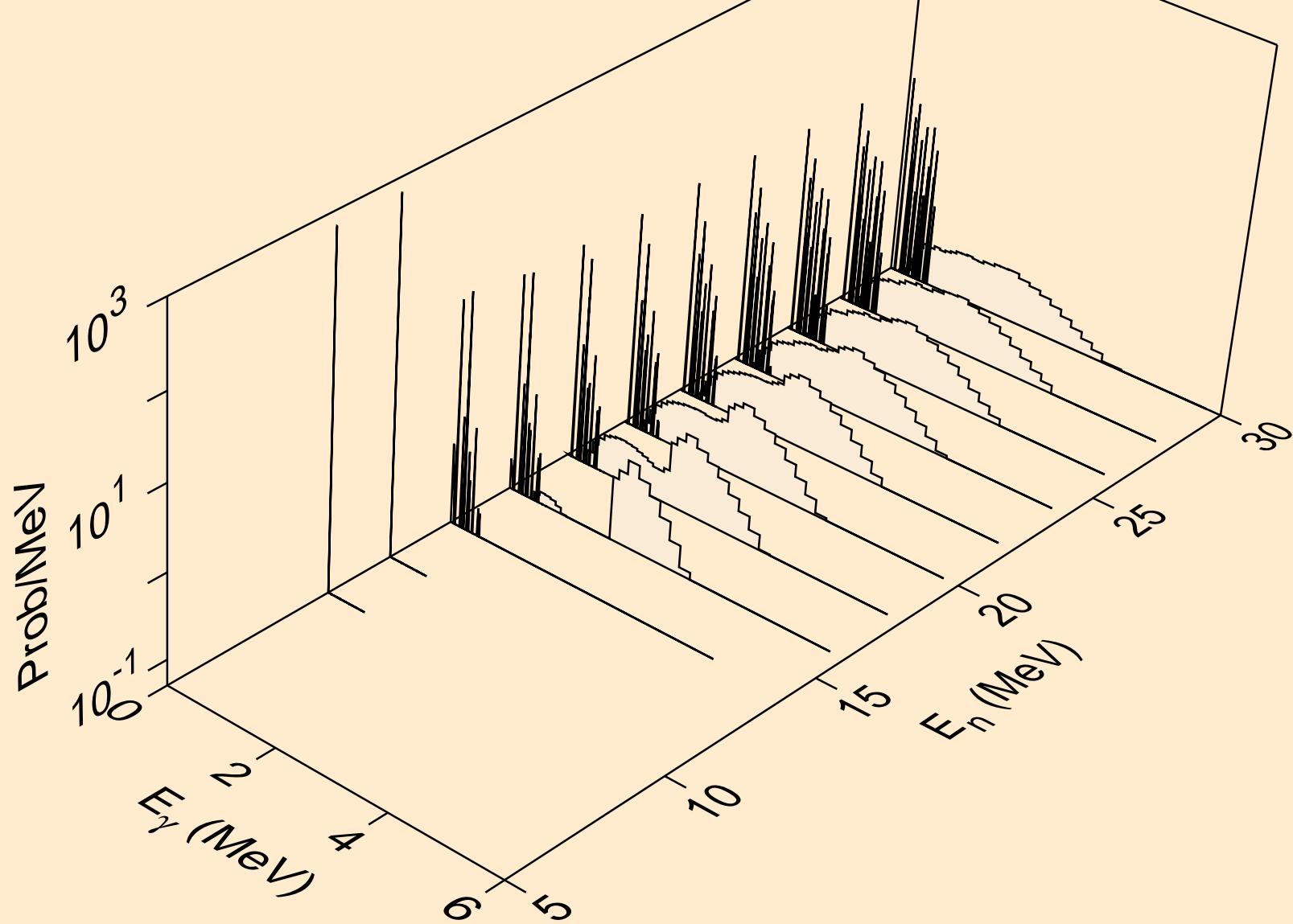




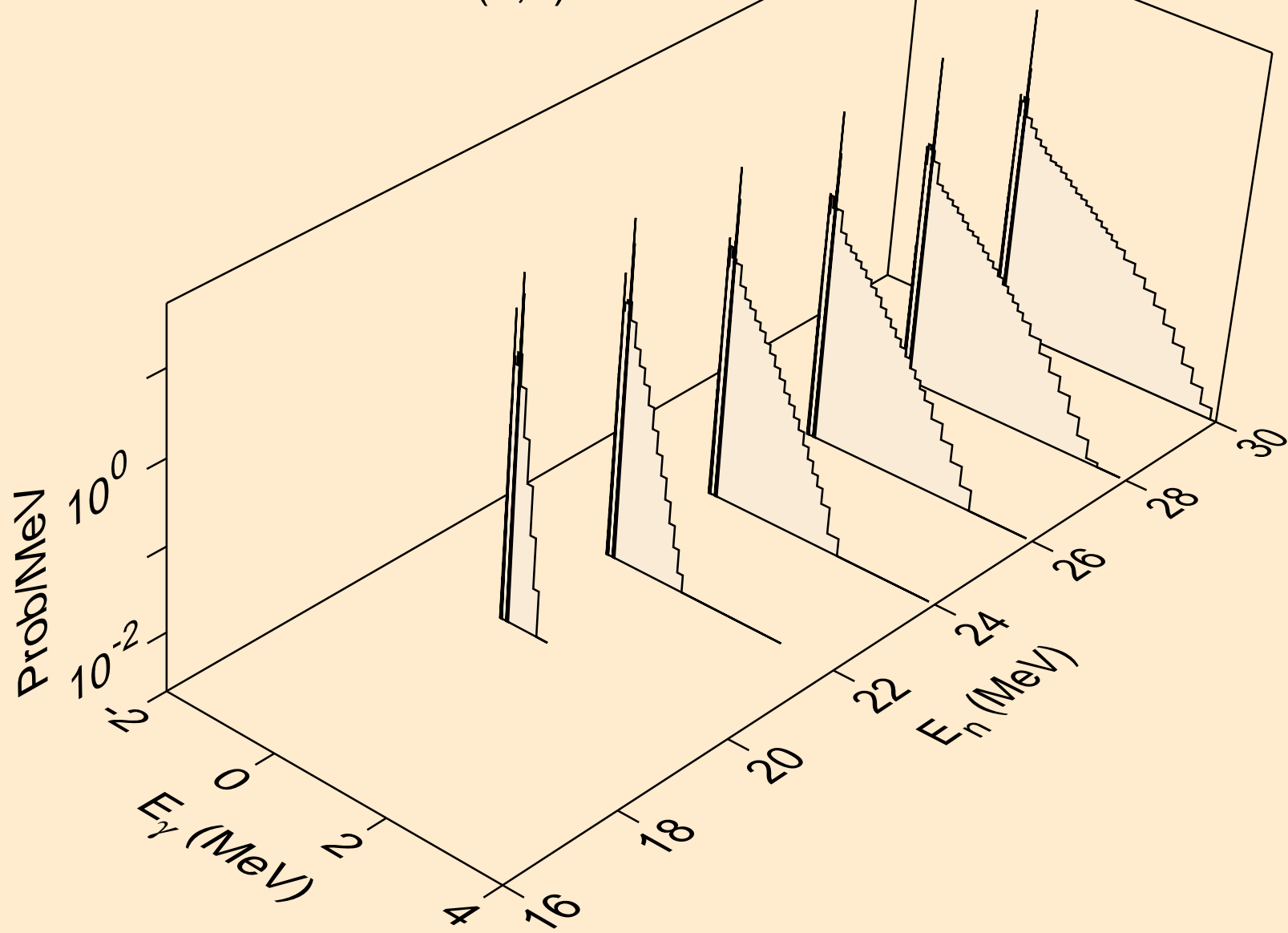
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Photon emission for (n,gma)



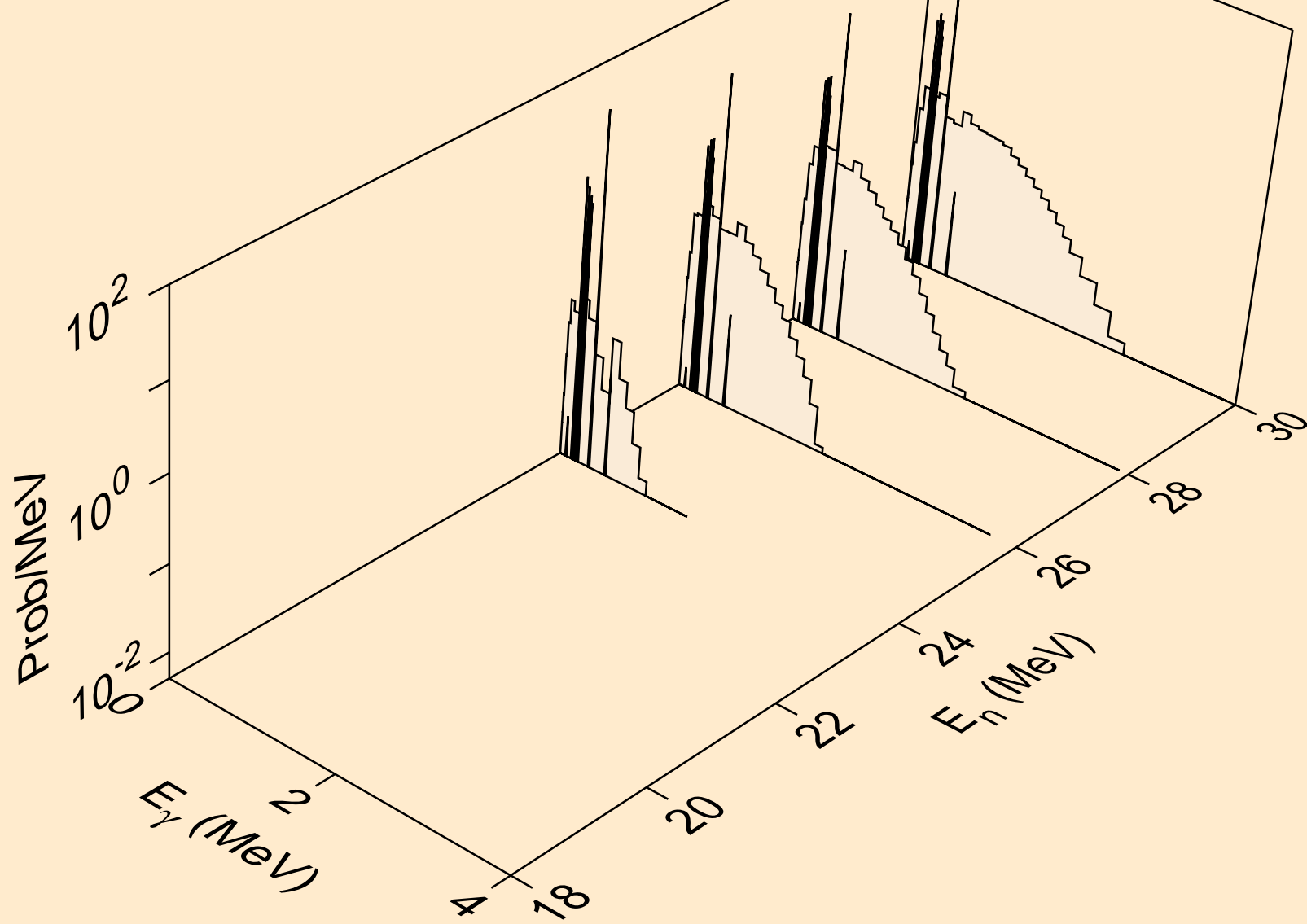
HF162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



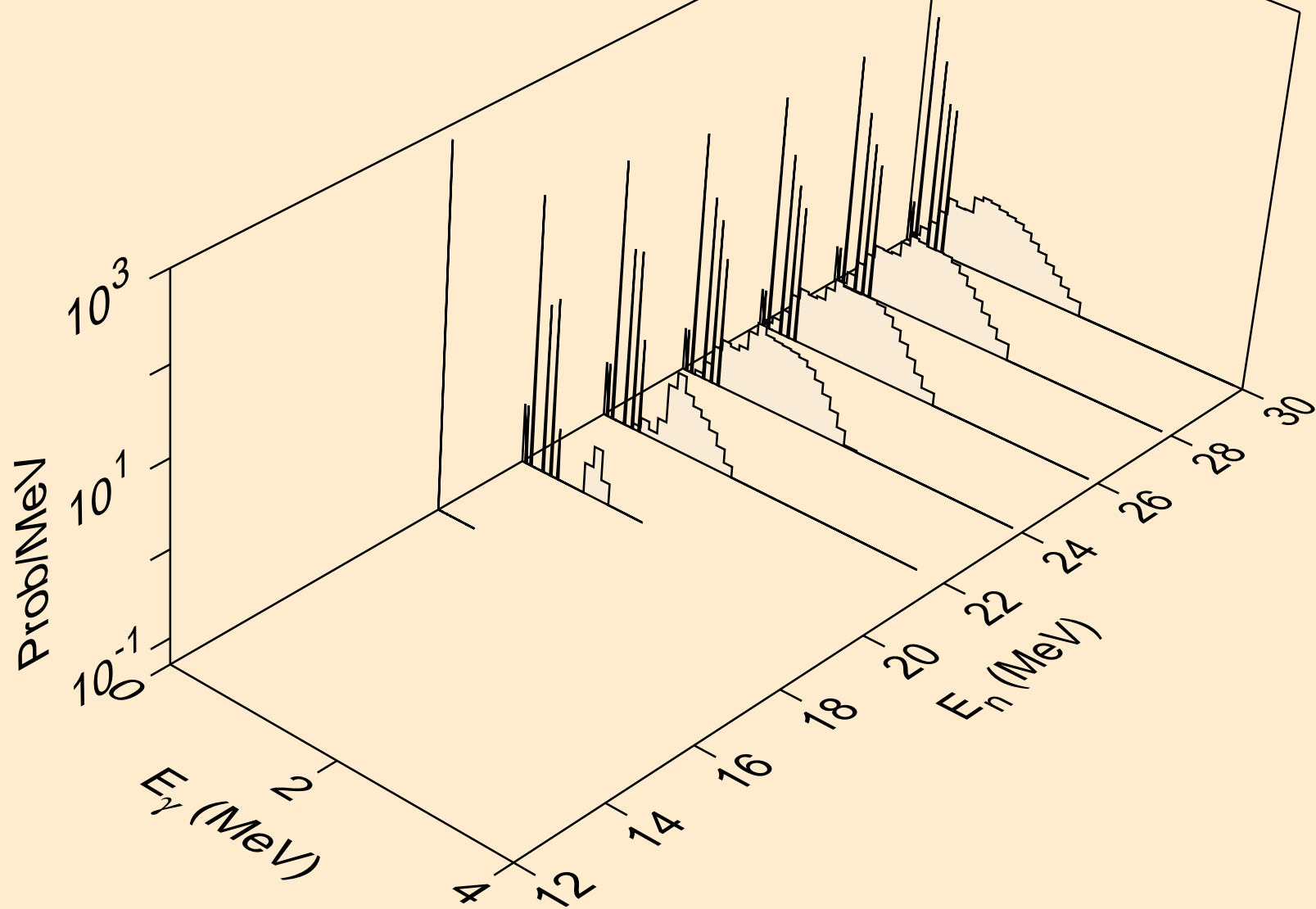
HF162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



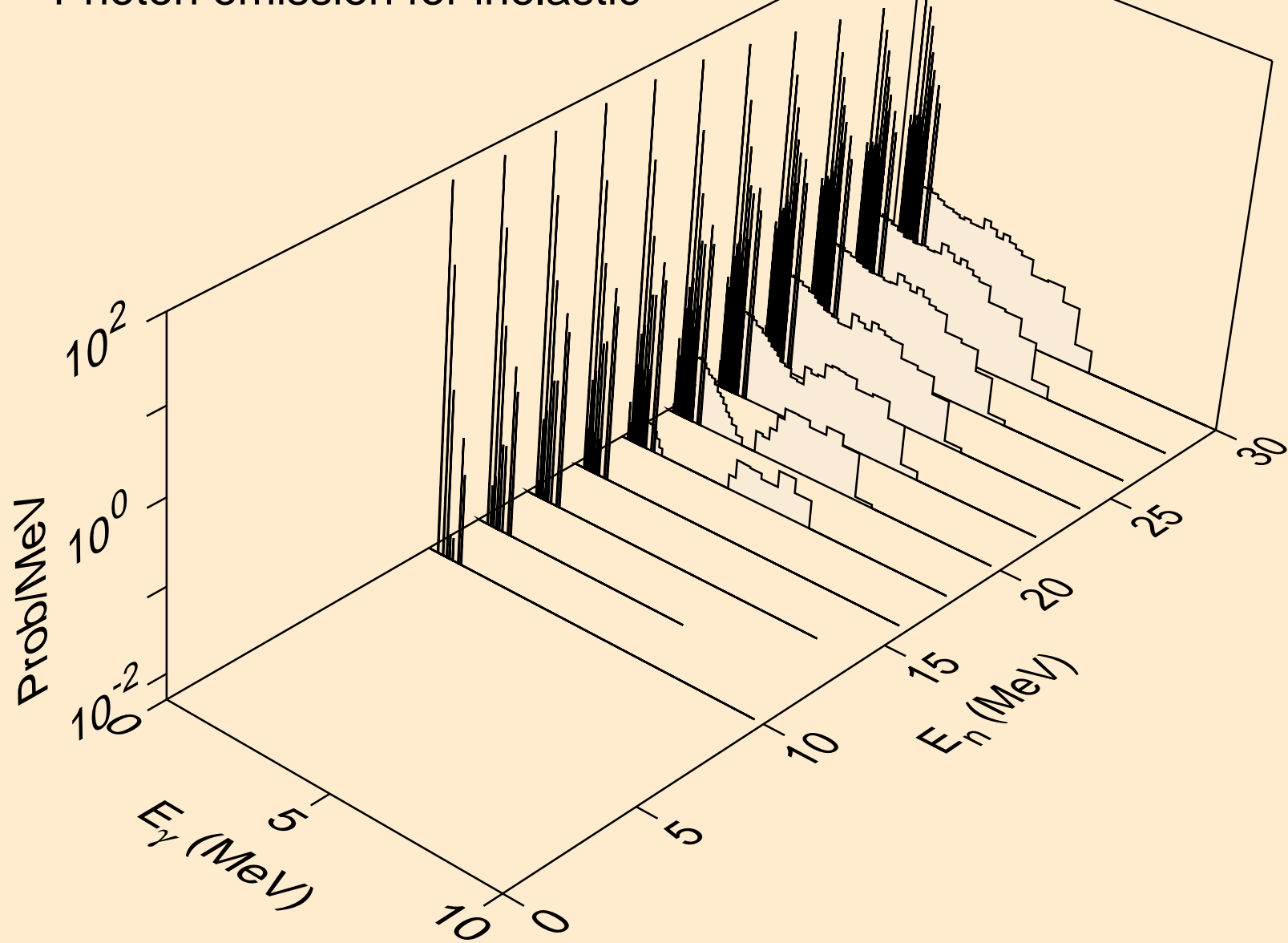
HF162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



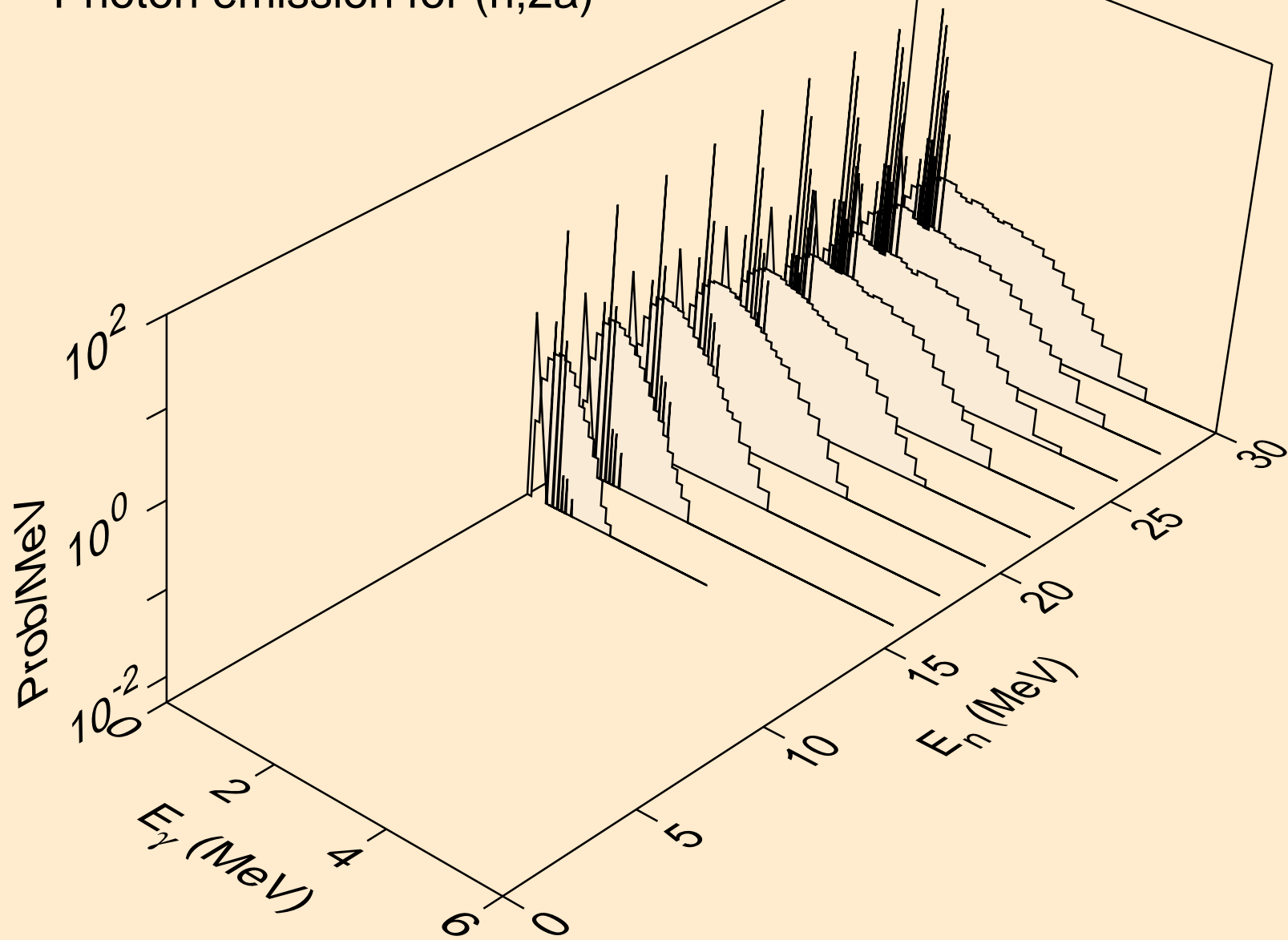
HF162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



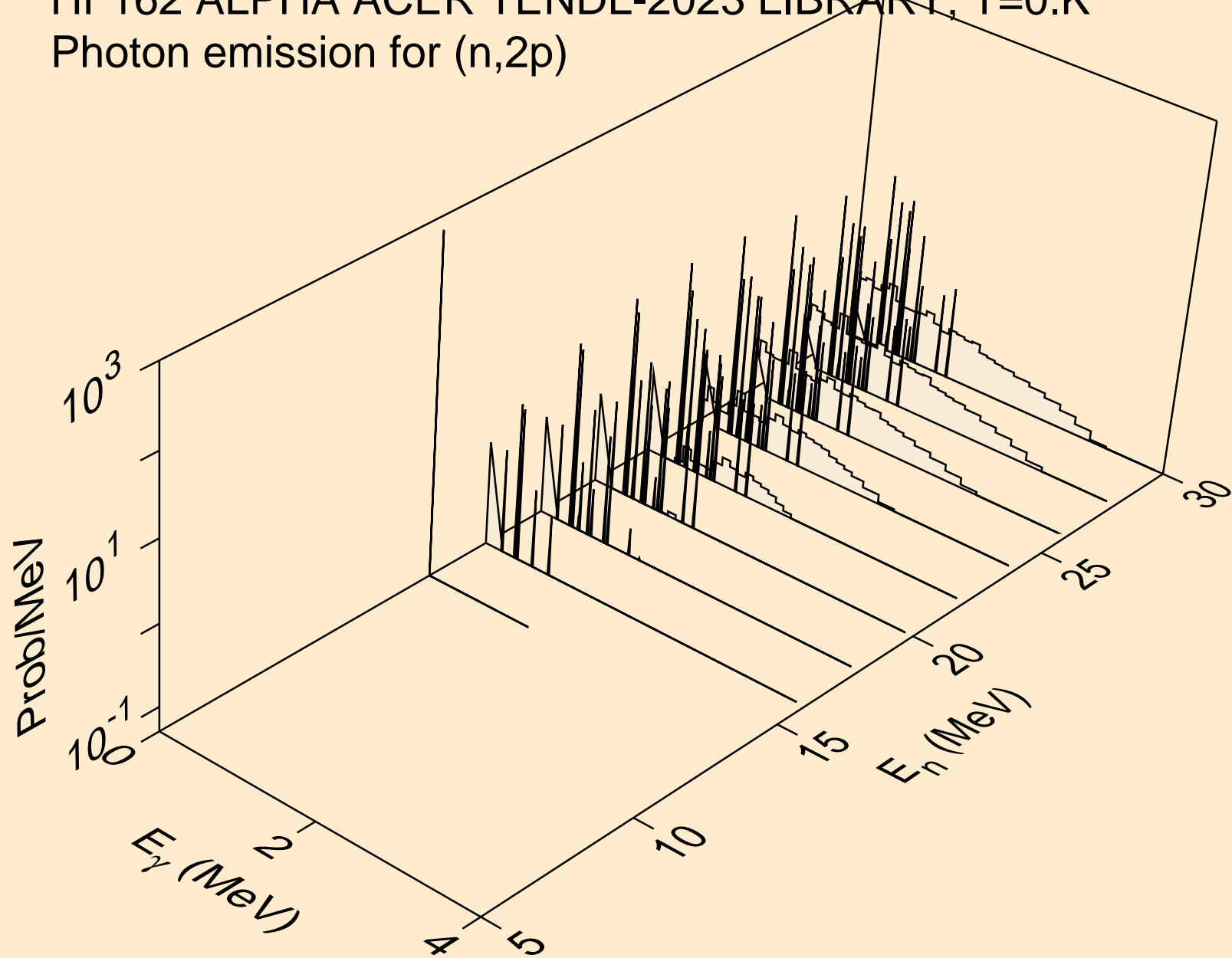
HF162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



HF162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)

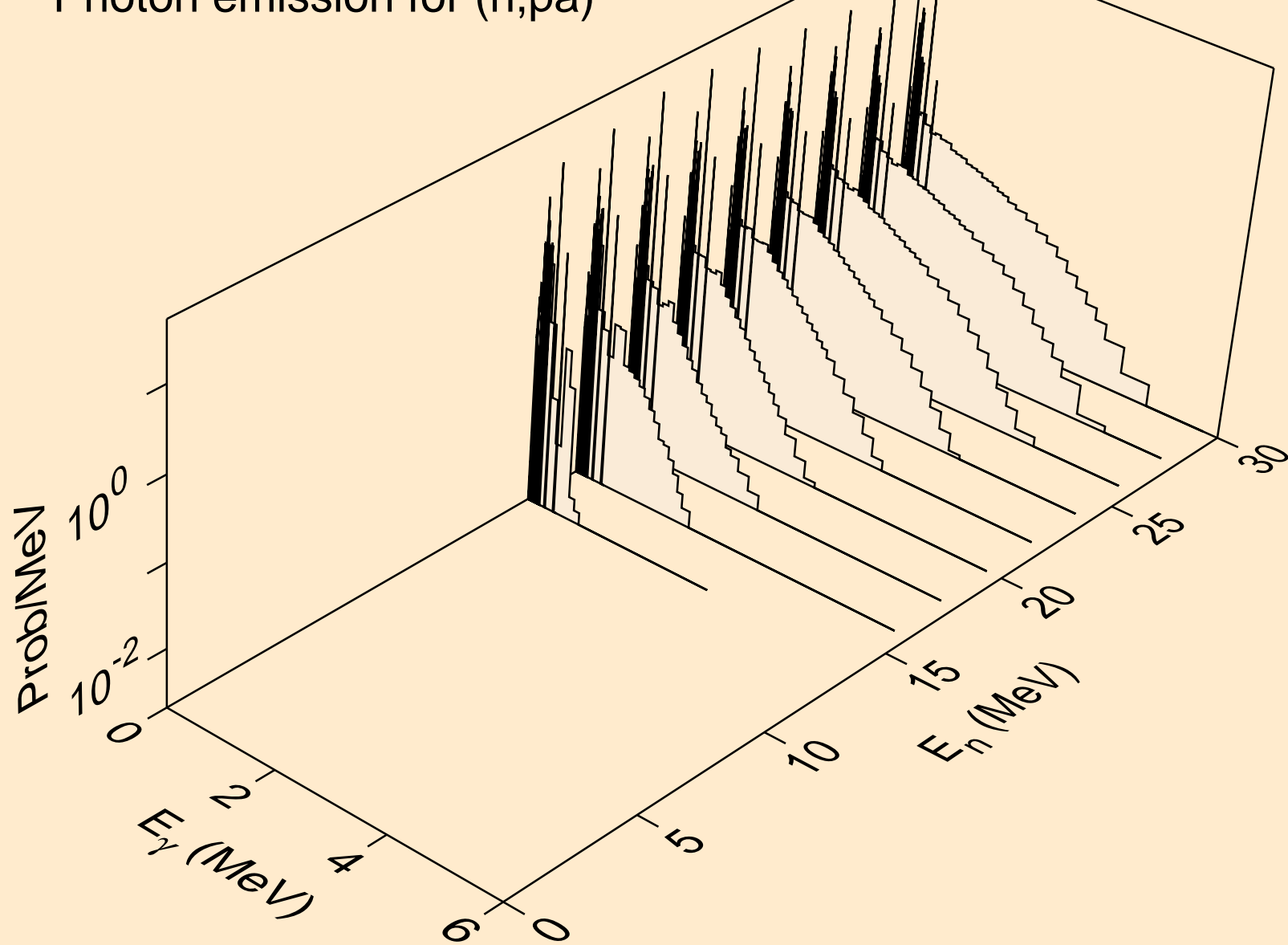


HF162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

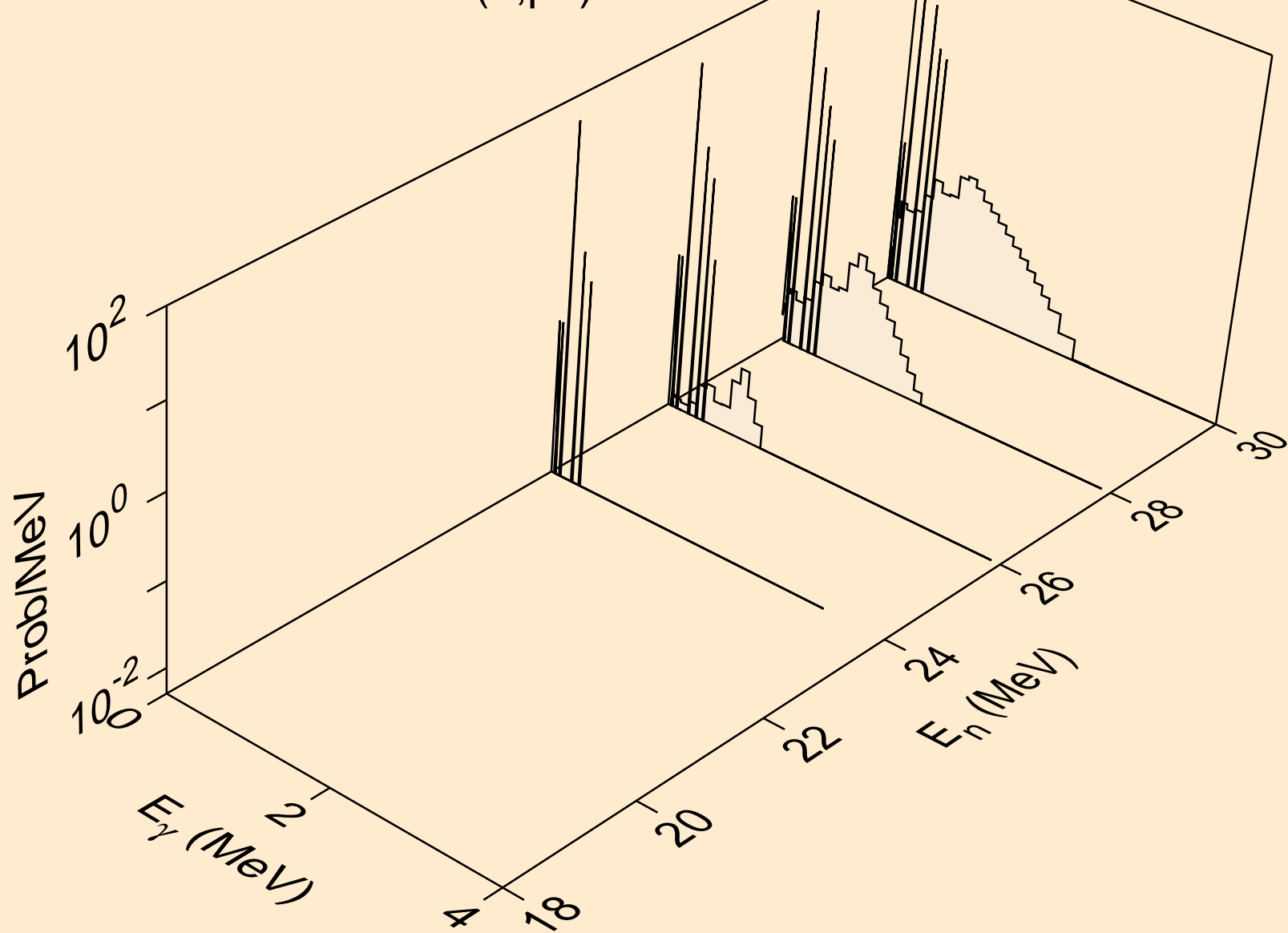




HF162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)

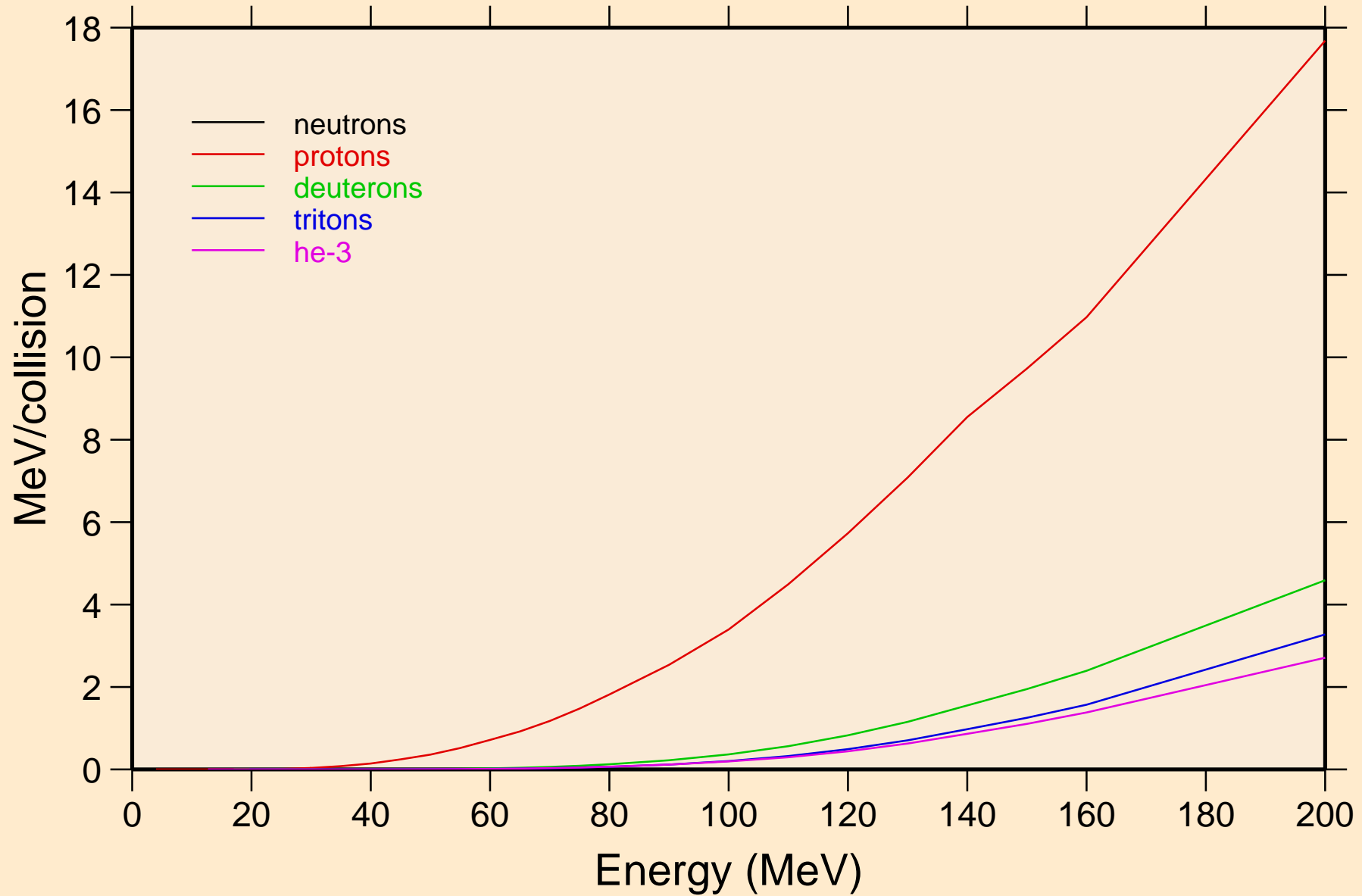


HF162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)

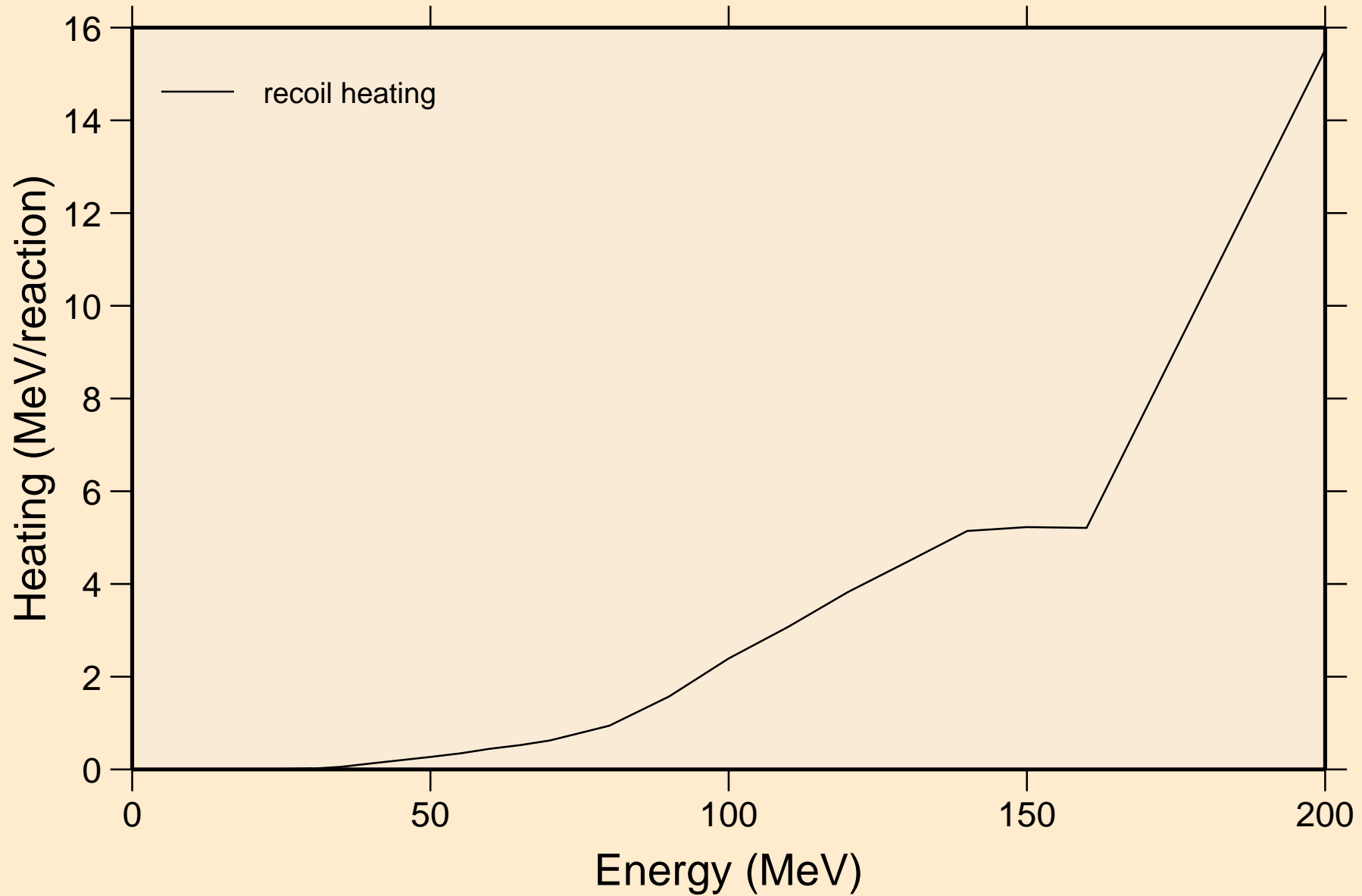


# HF162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

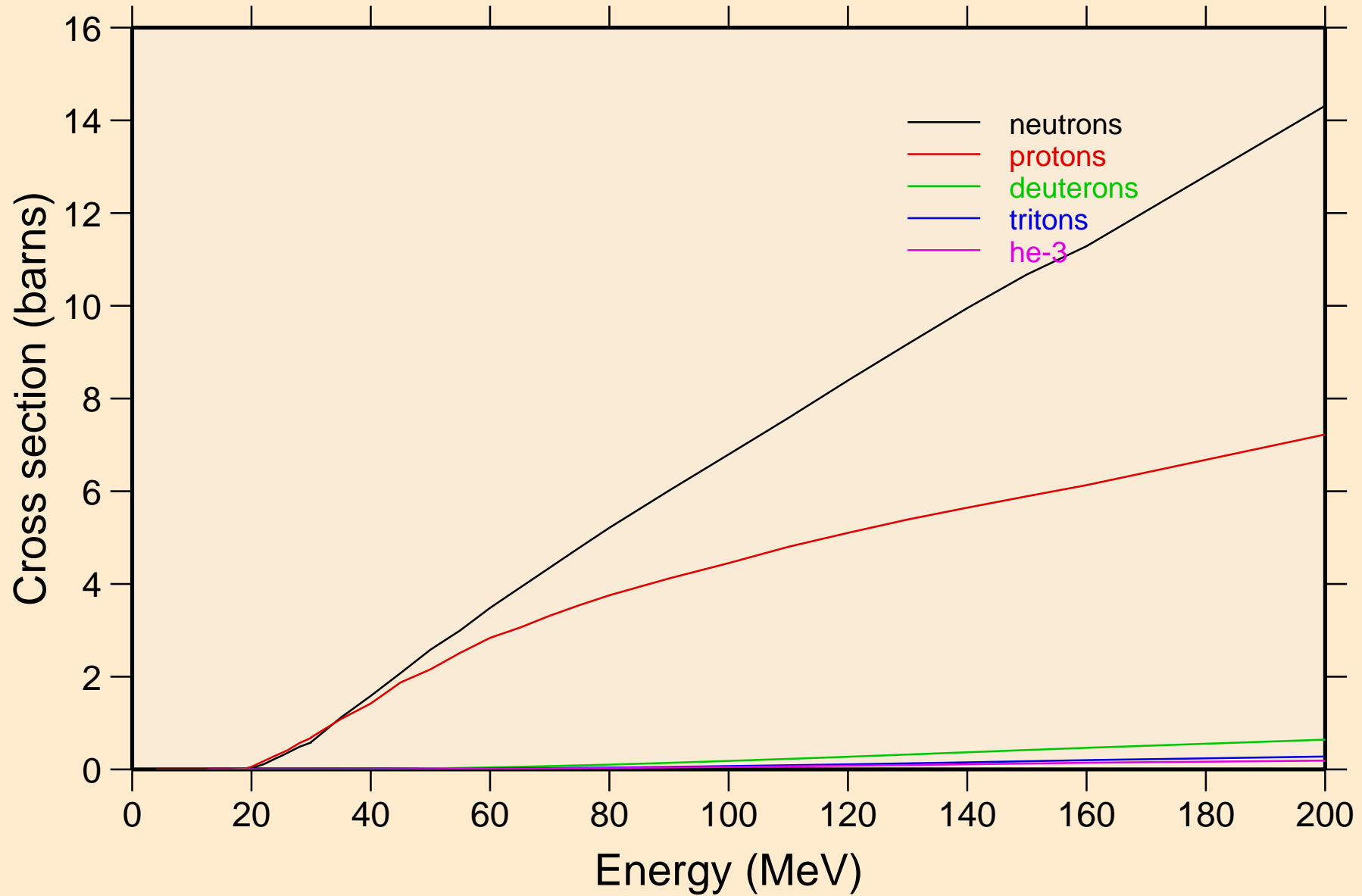
## Particle heating contributions



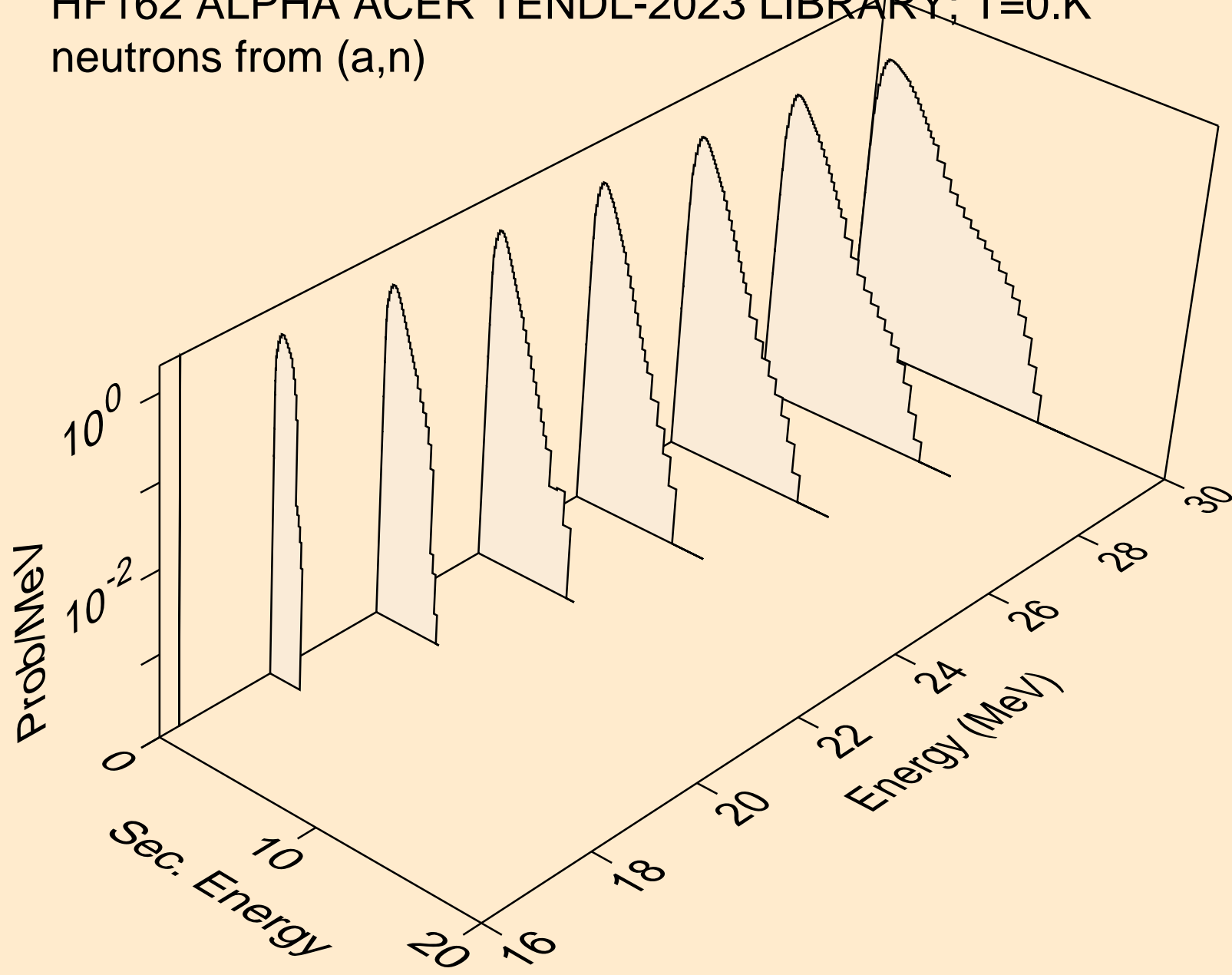
HF162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



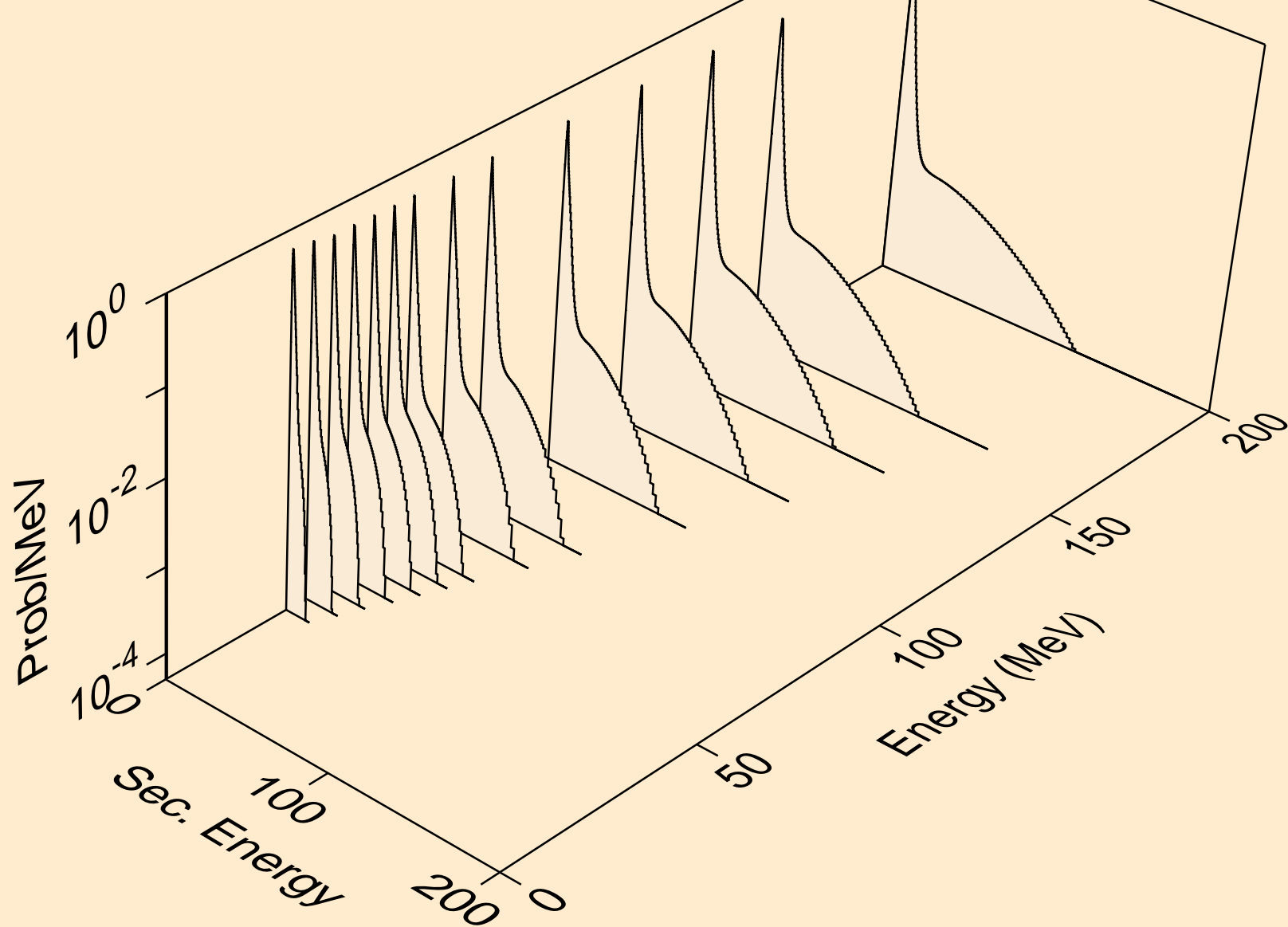
HF162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



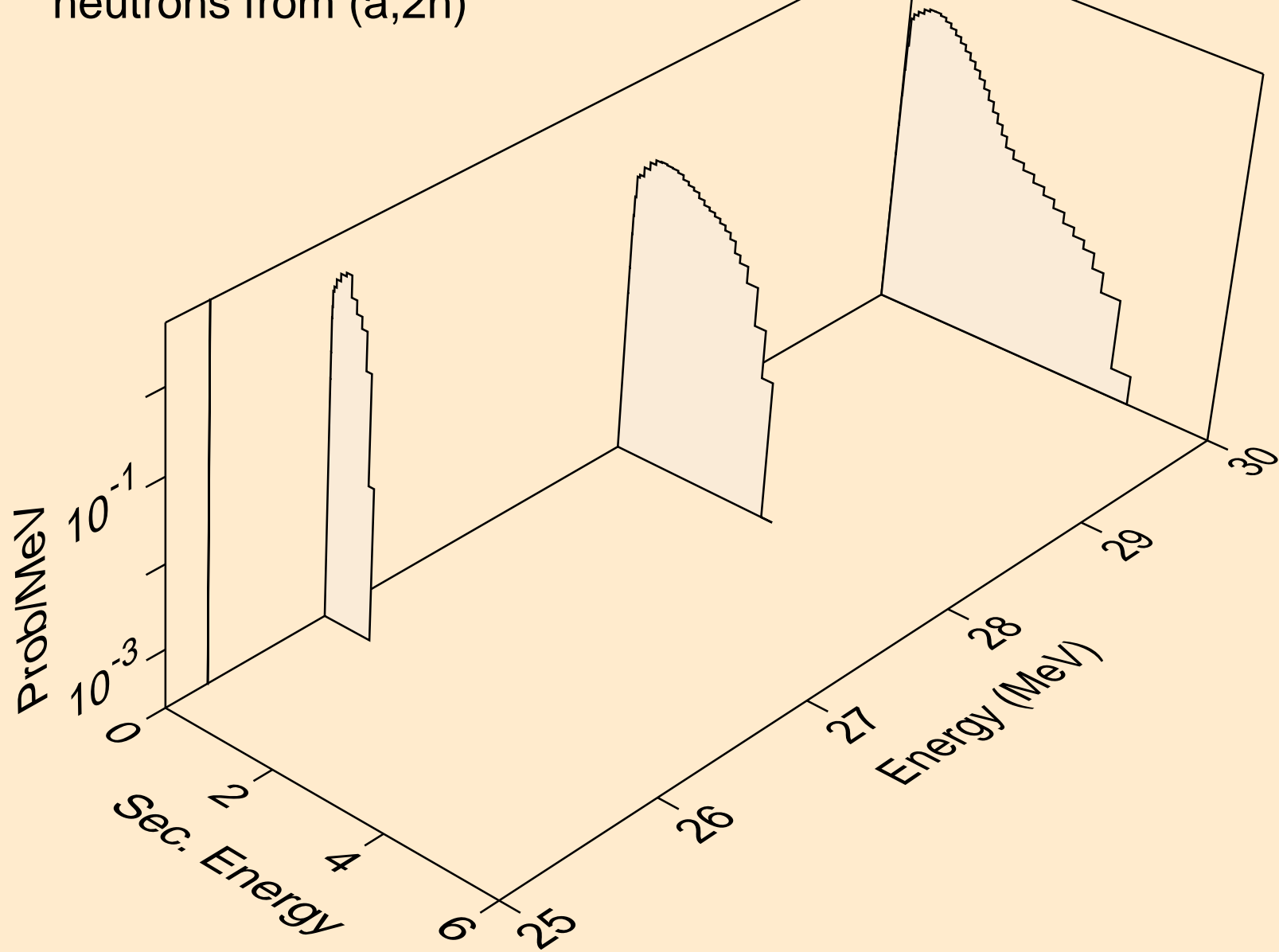
HF162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)



HF162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)

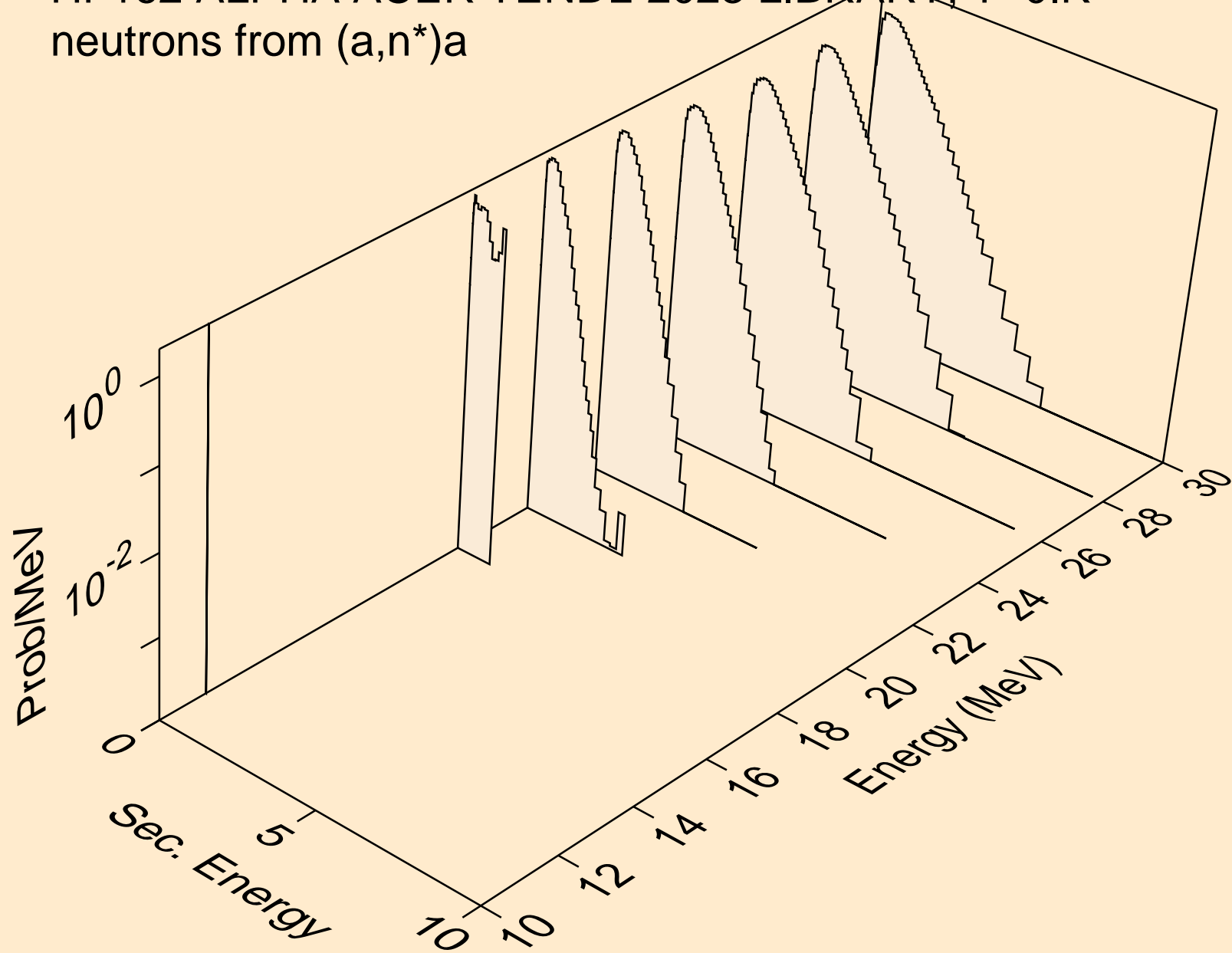


HF162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)

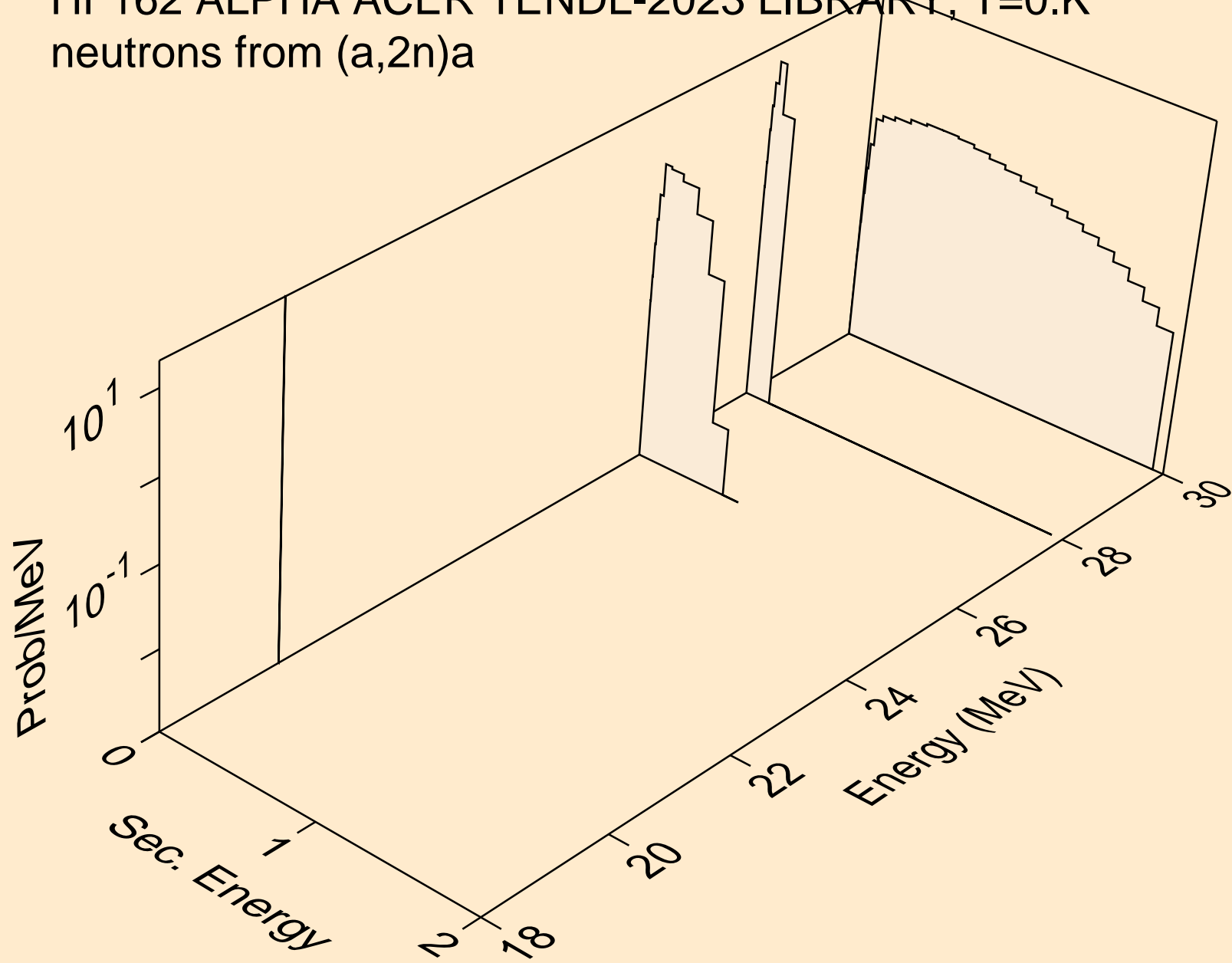




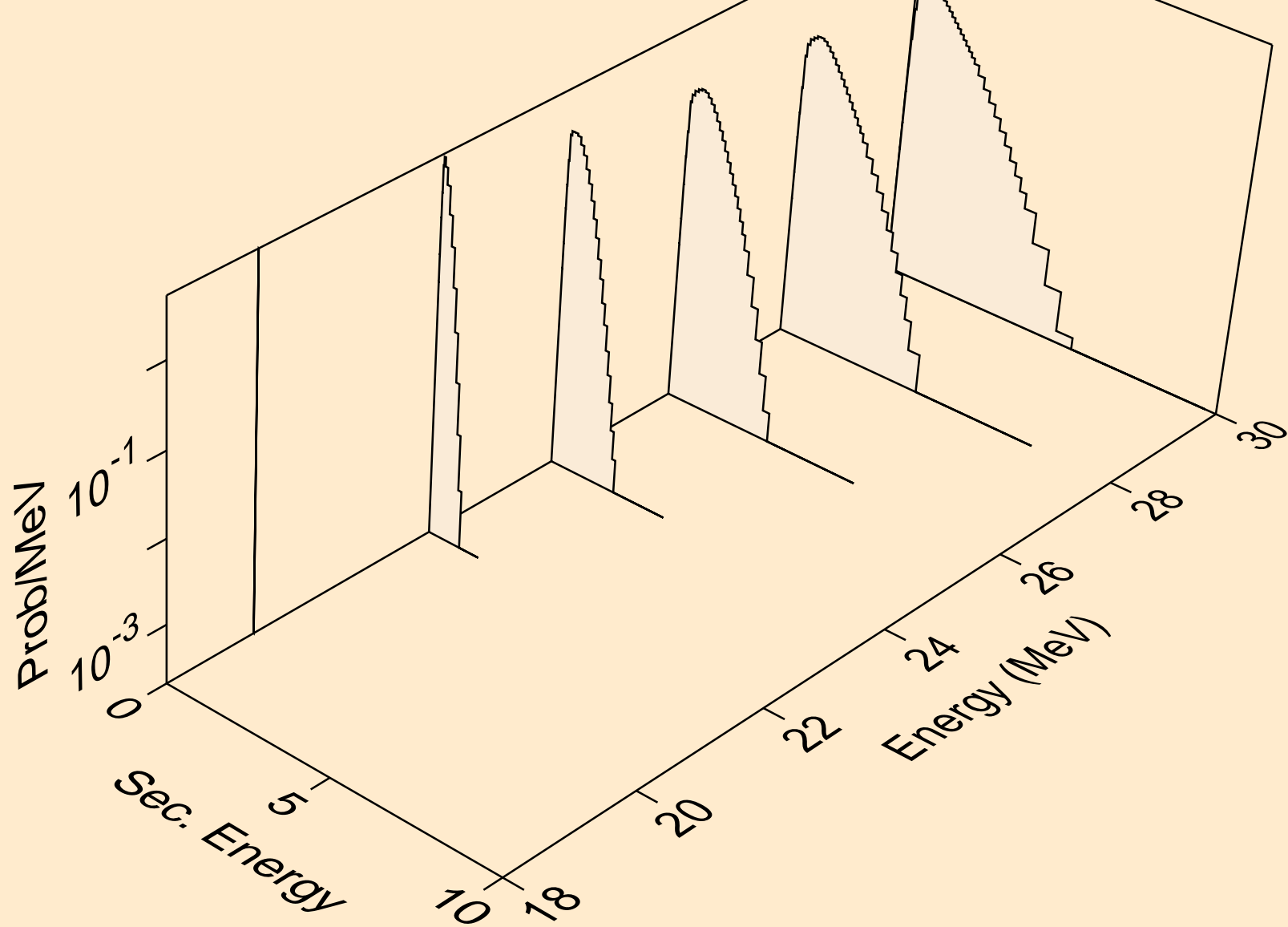
HF162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a



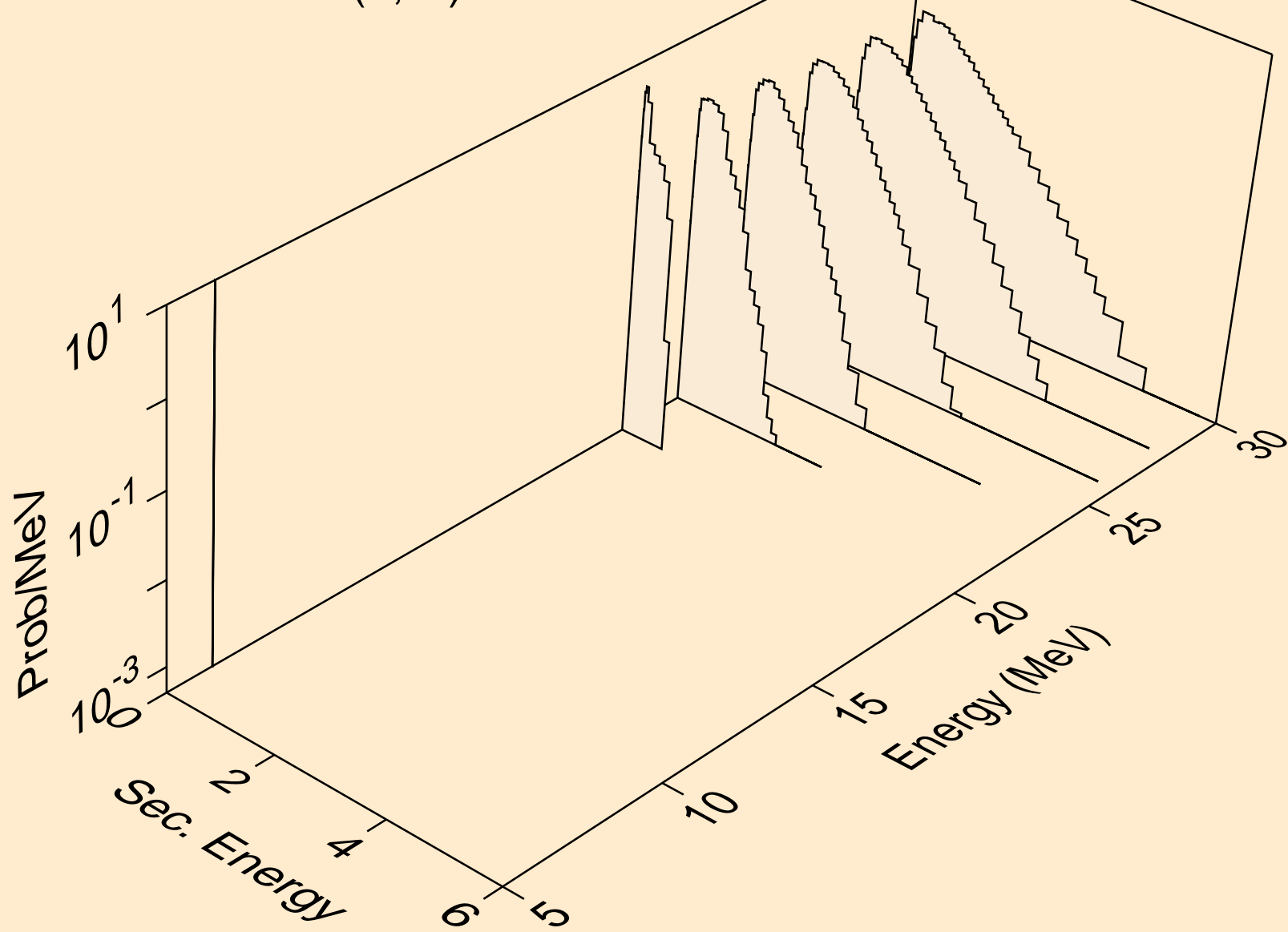
HF162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)a



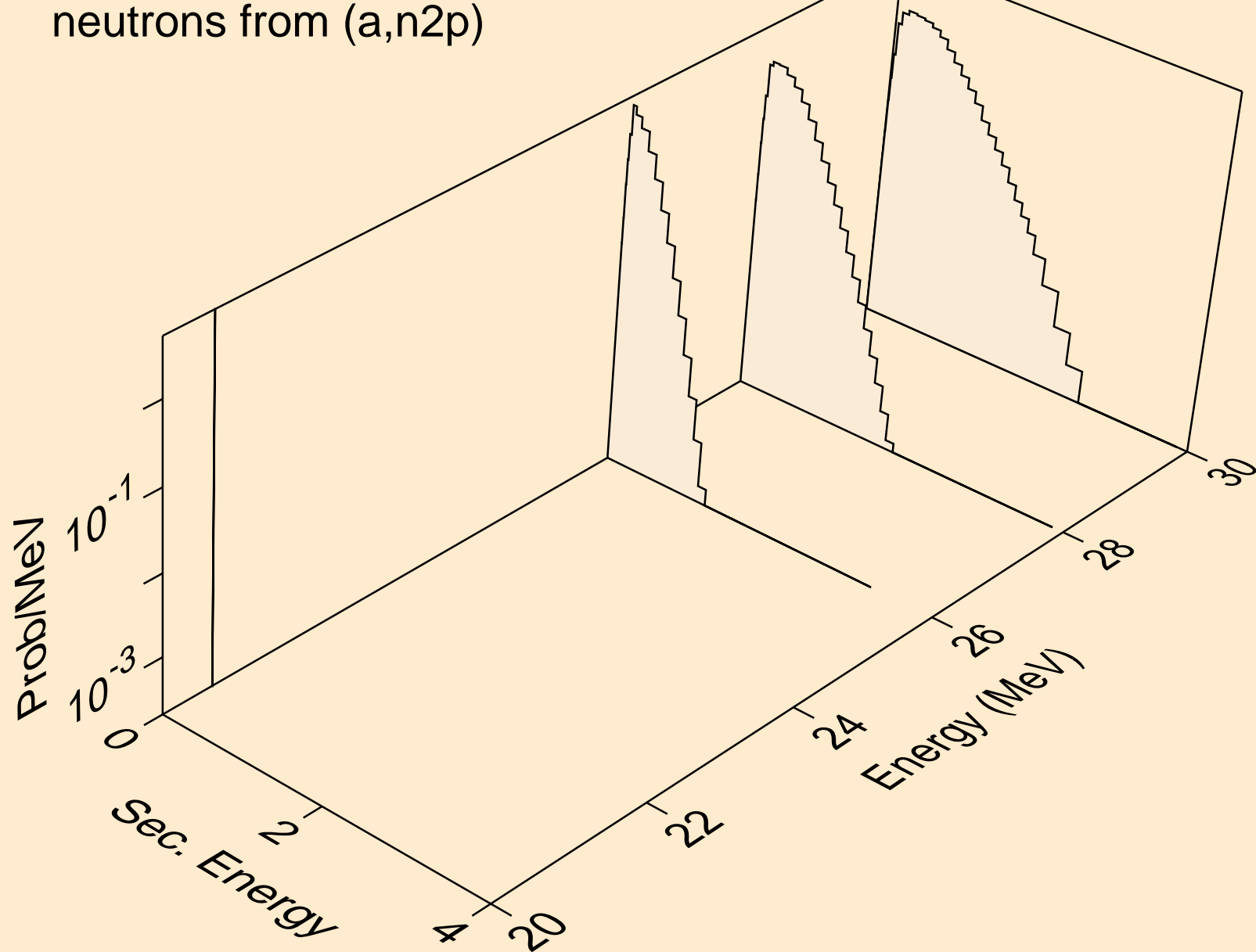
HF162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)p



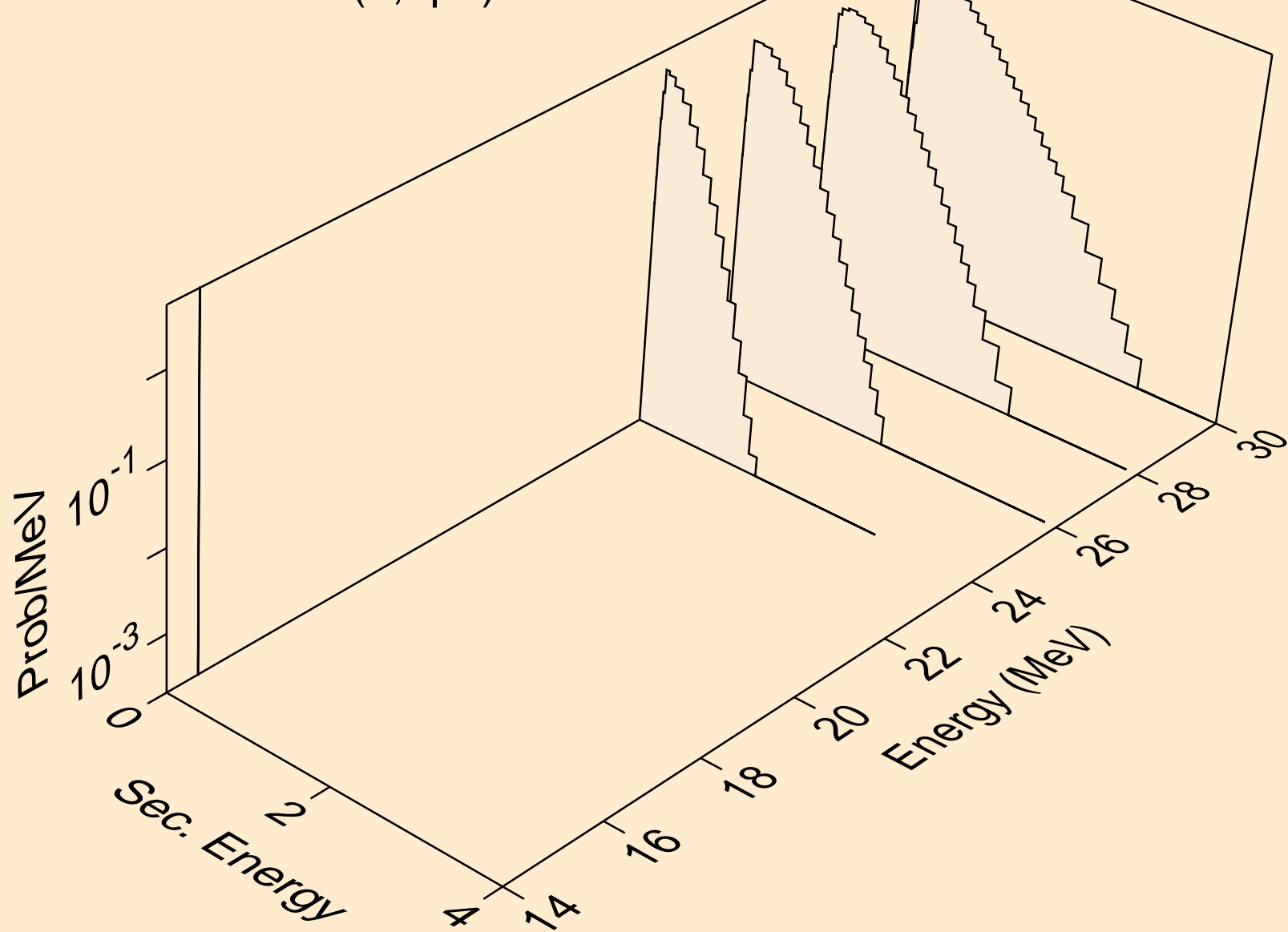
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neutrons from (a,n\*)2a



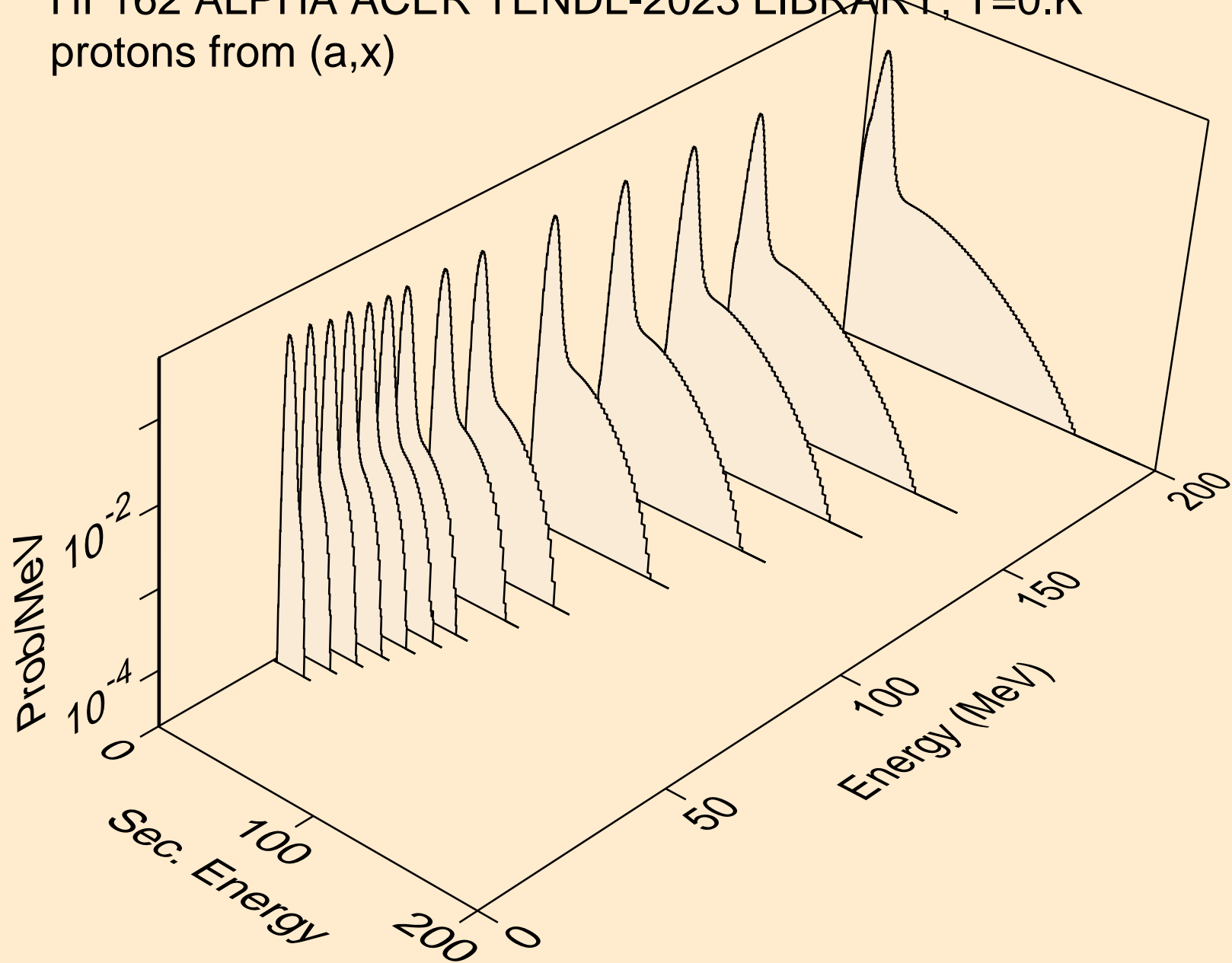
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neutrons from (a,n2p)



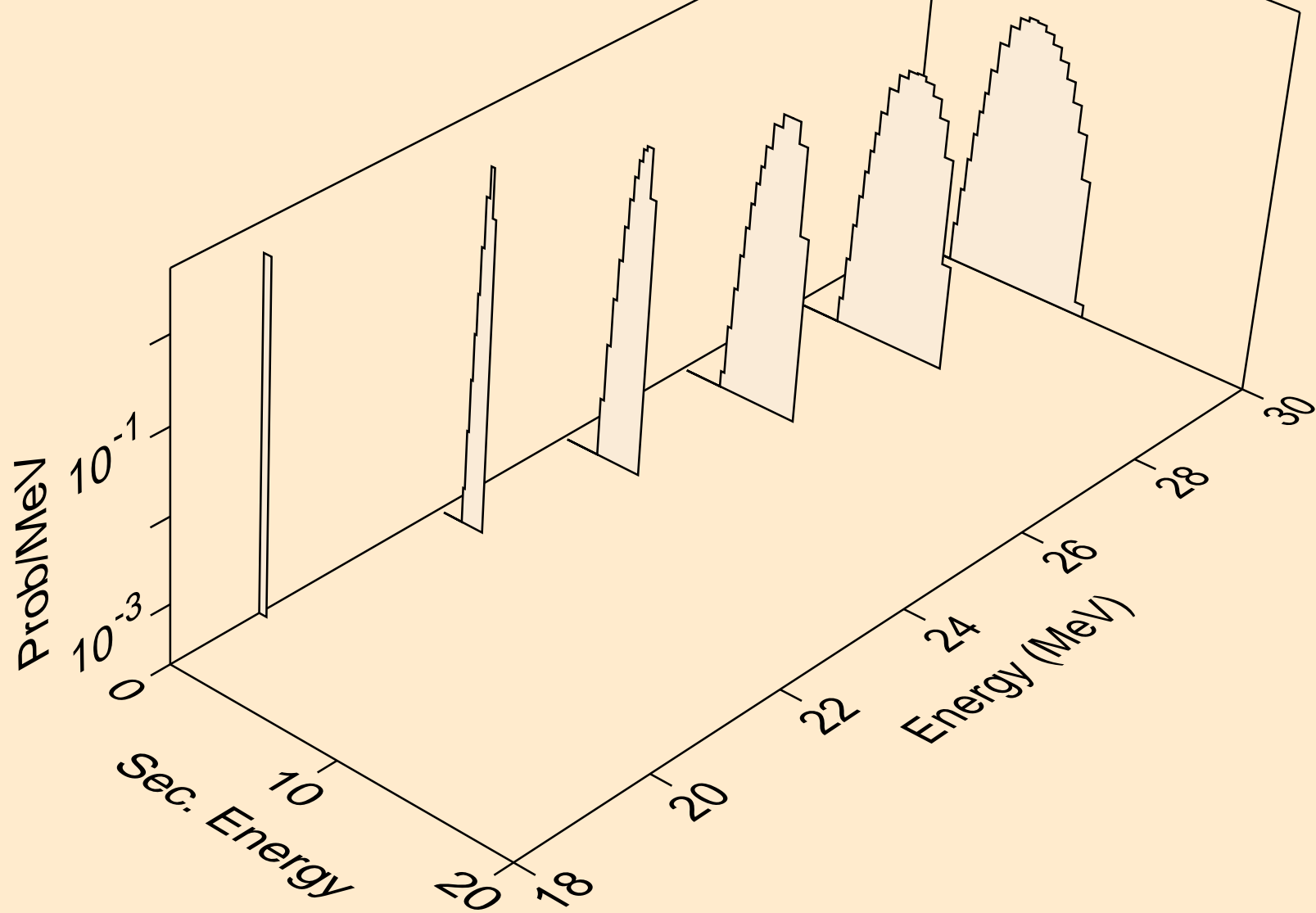
HF162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,npa)



HF162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,x)

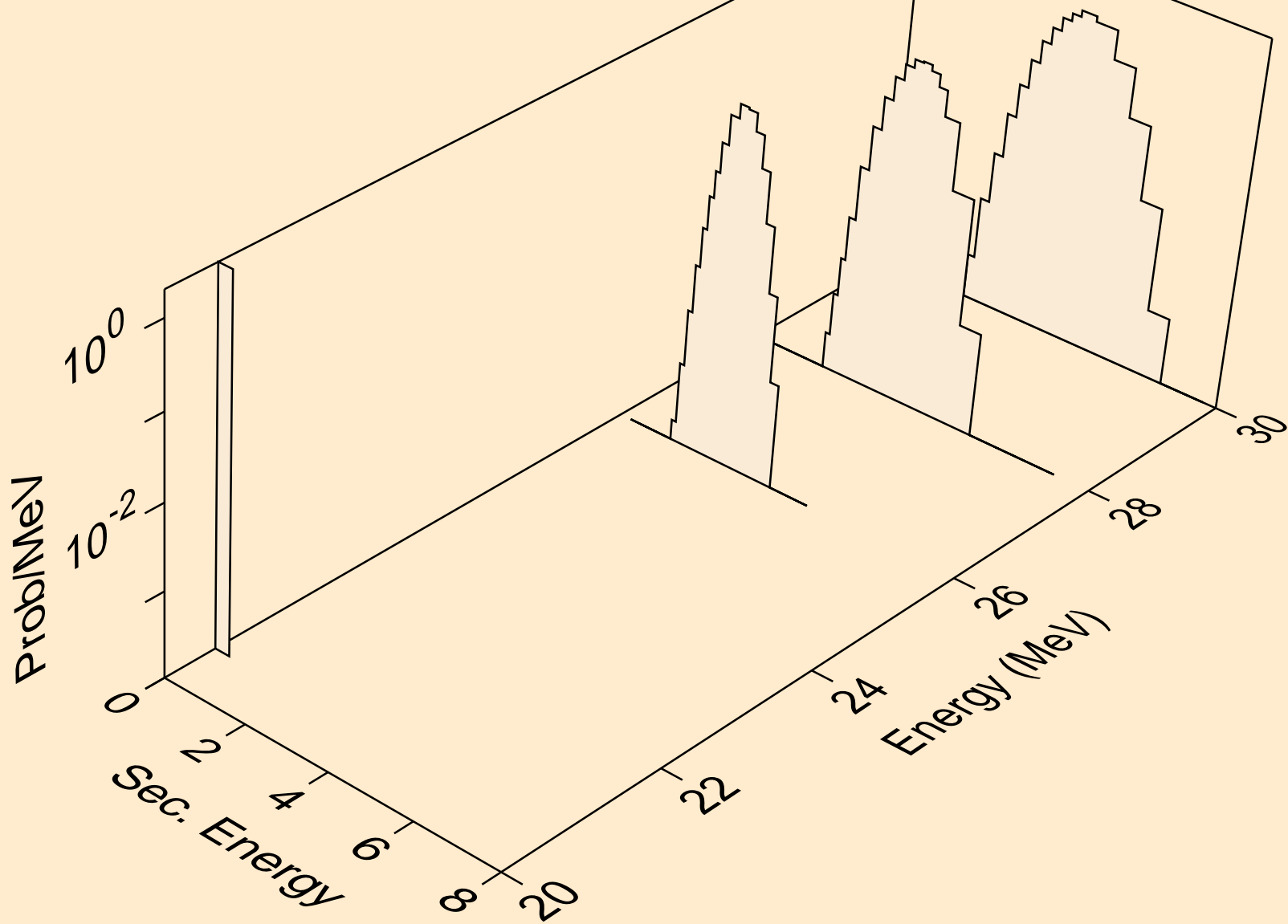


HF162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n\*)p

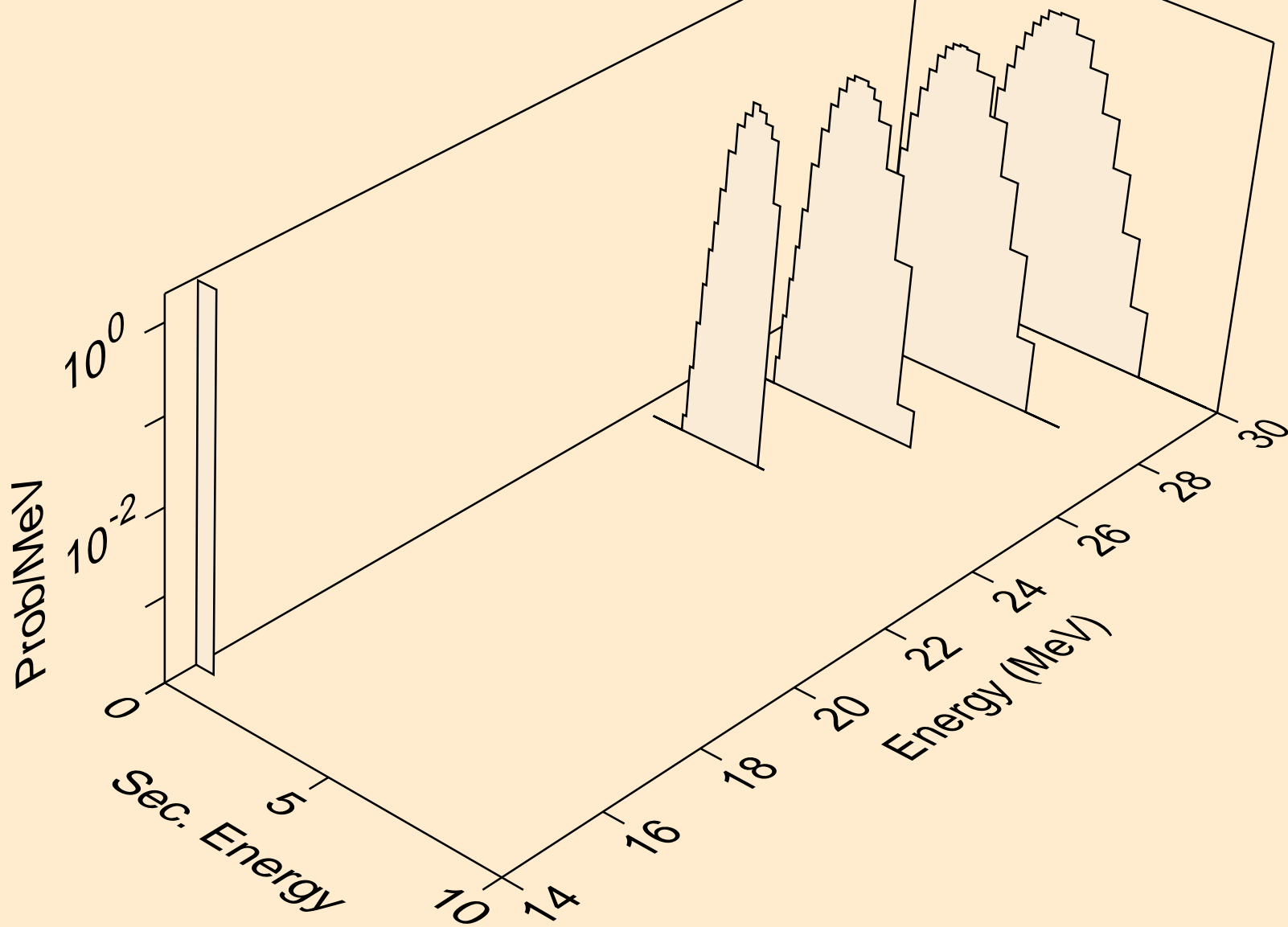




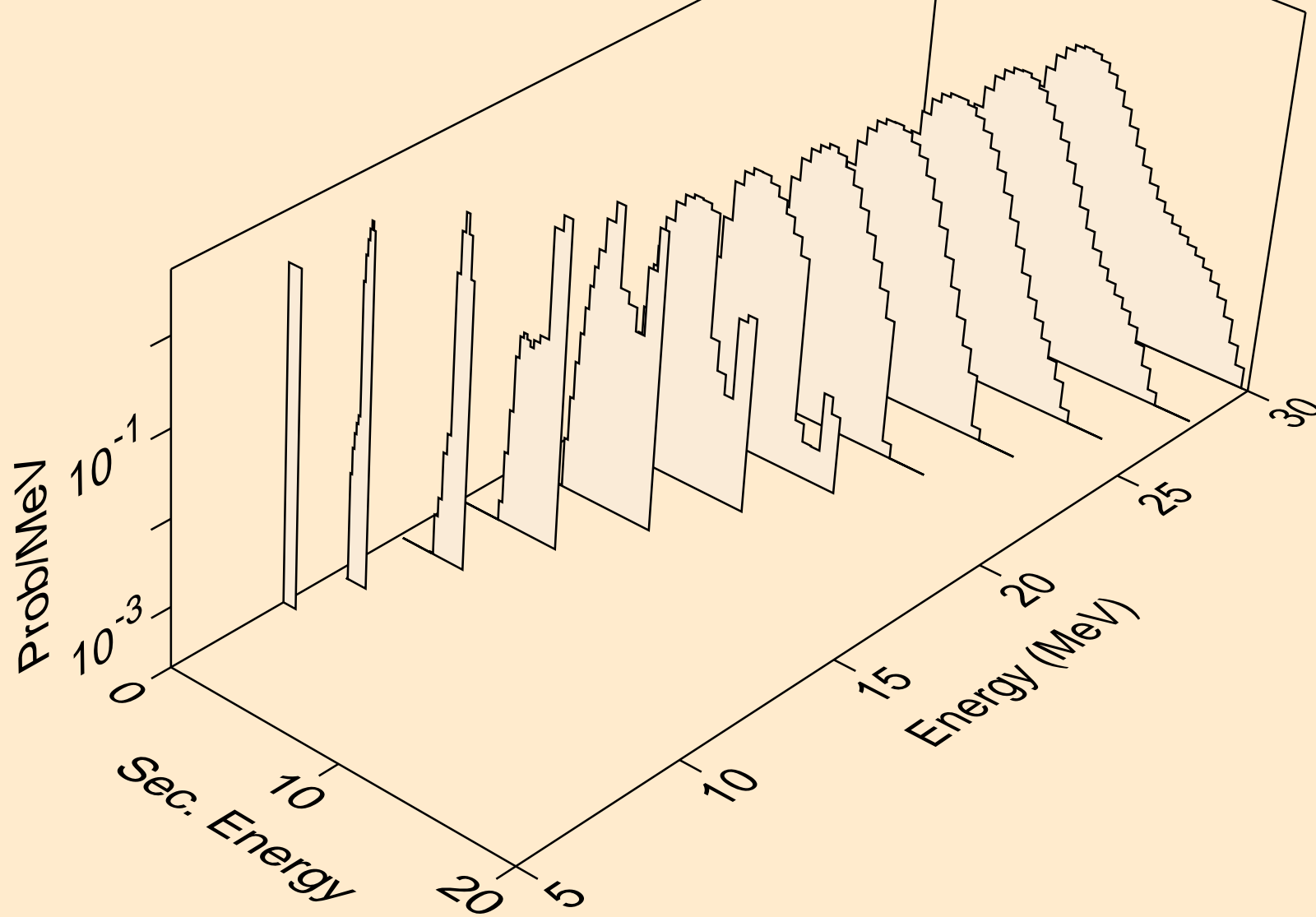
HF162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n2p)



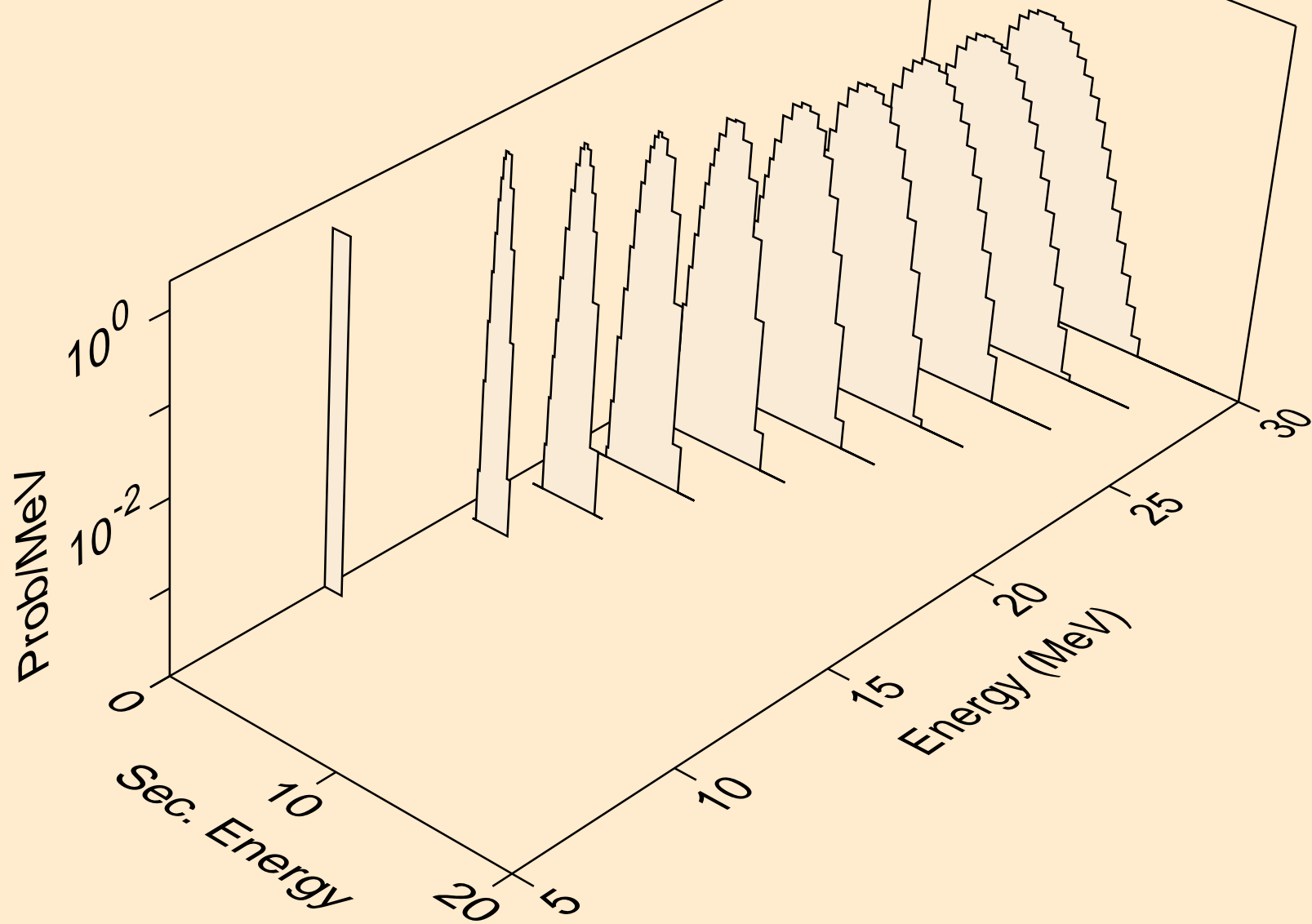
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protons from (a,npa)



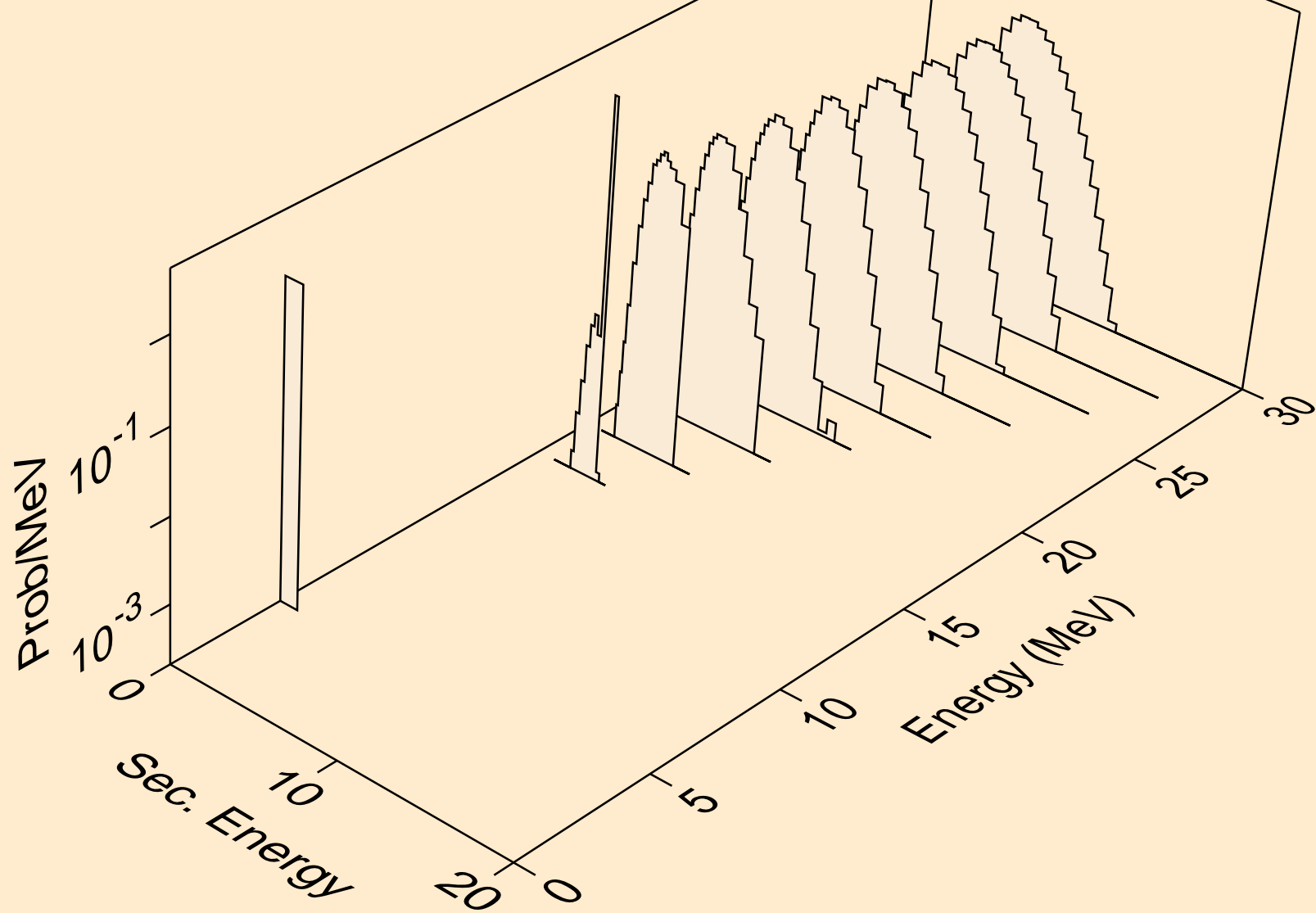
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protons from (a,p)



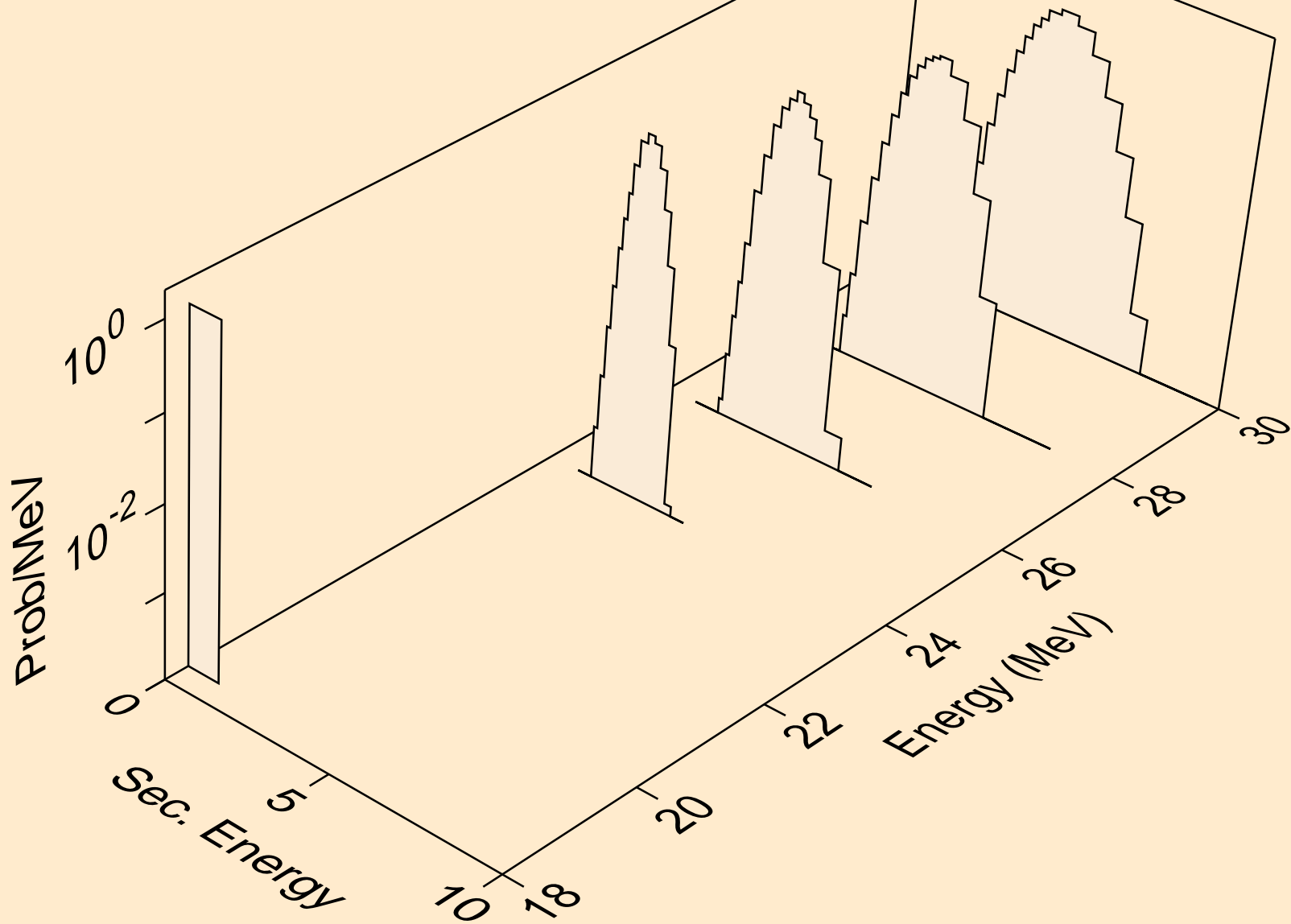
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protons from (a,2p)



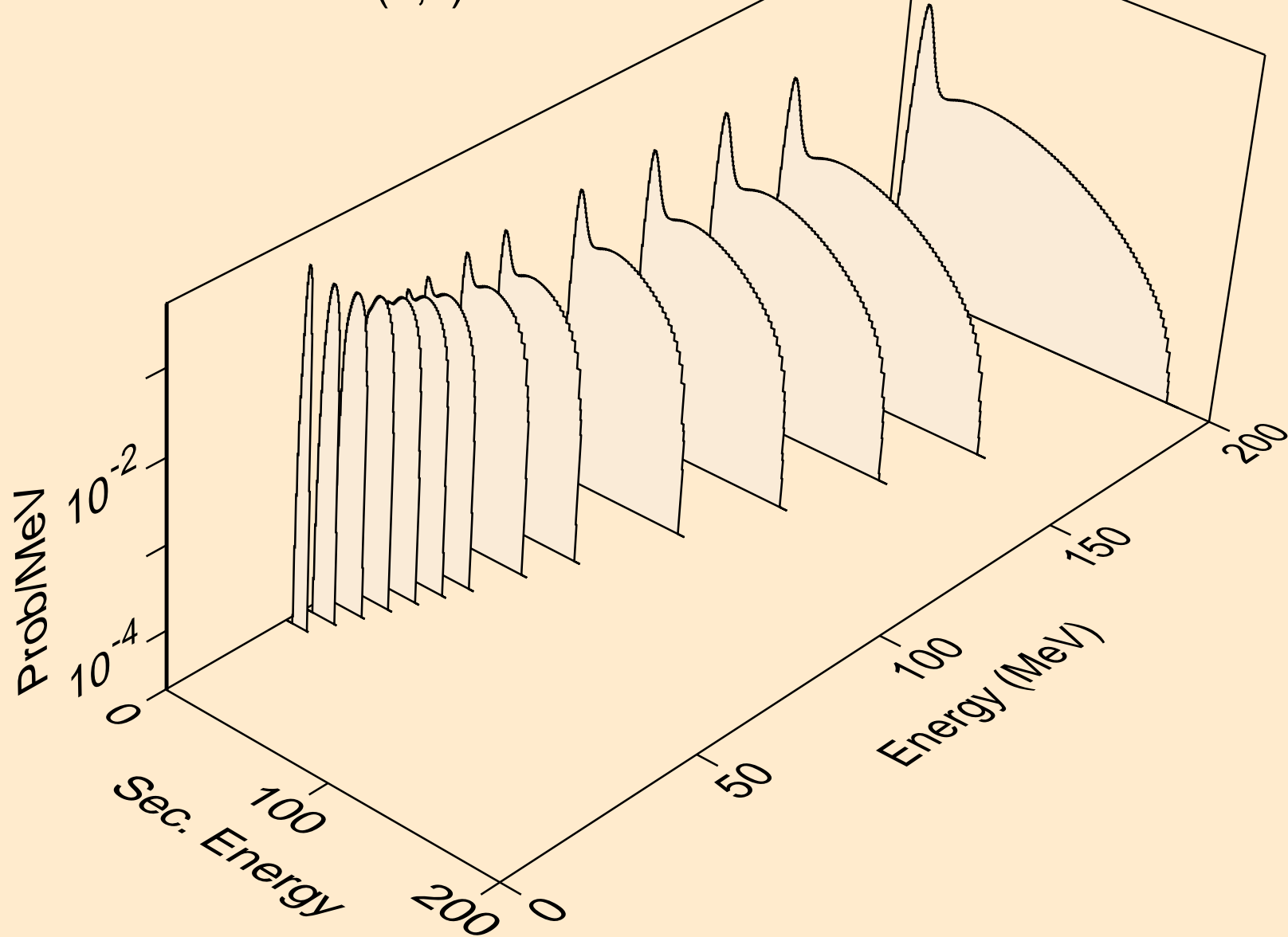
HF162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pa)



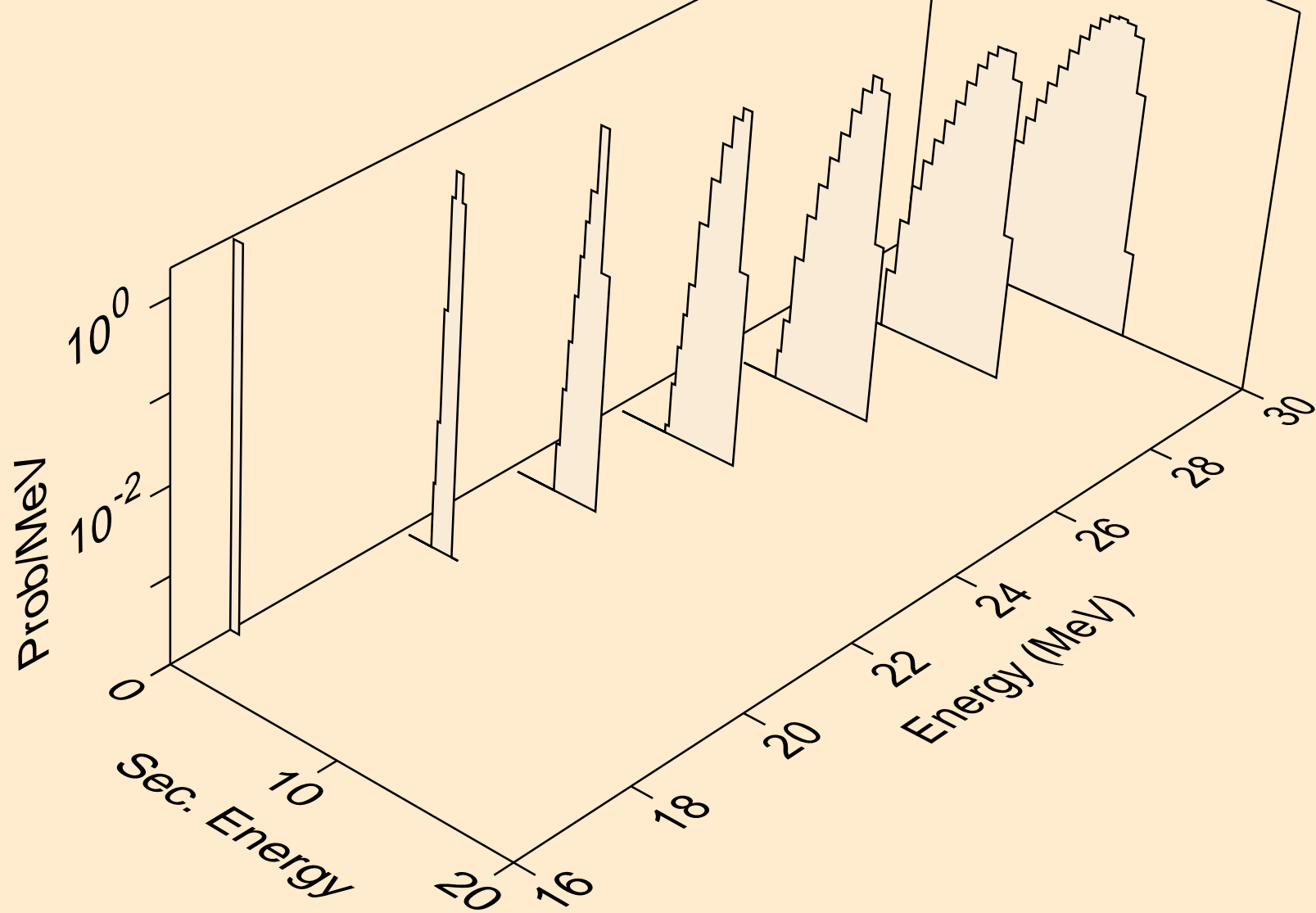
HF162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pd)



HF162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)

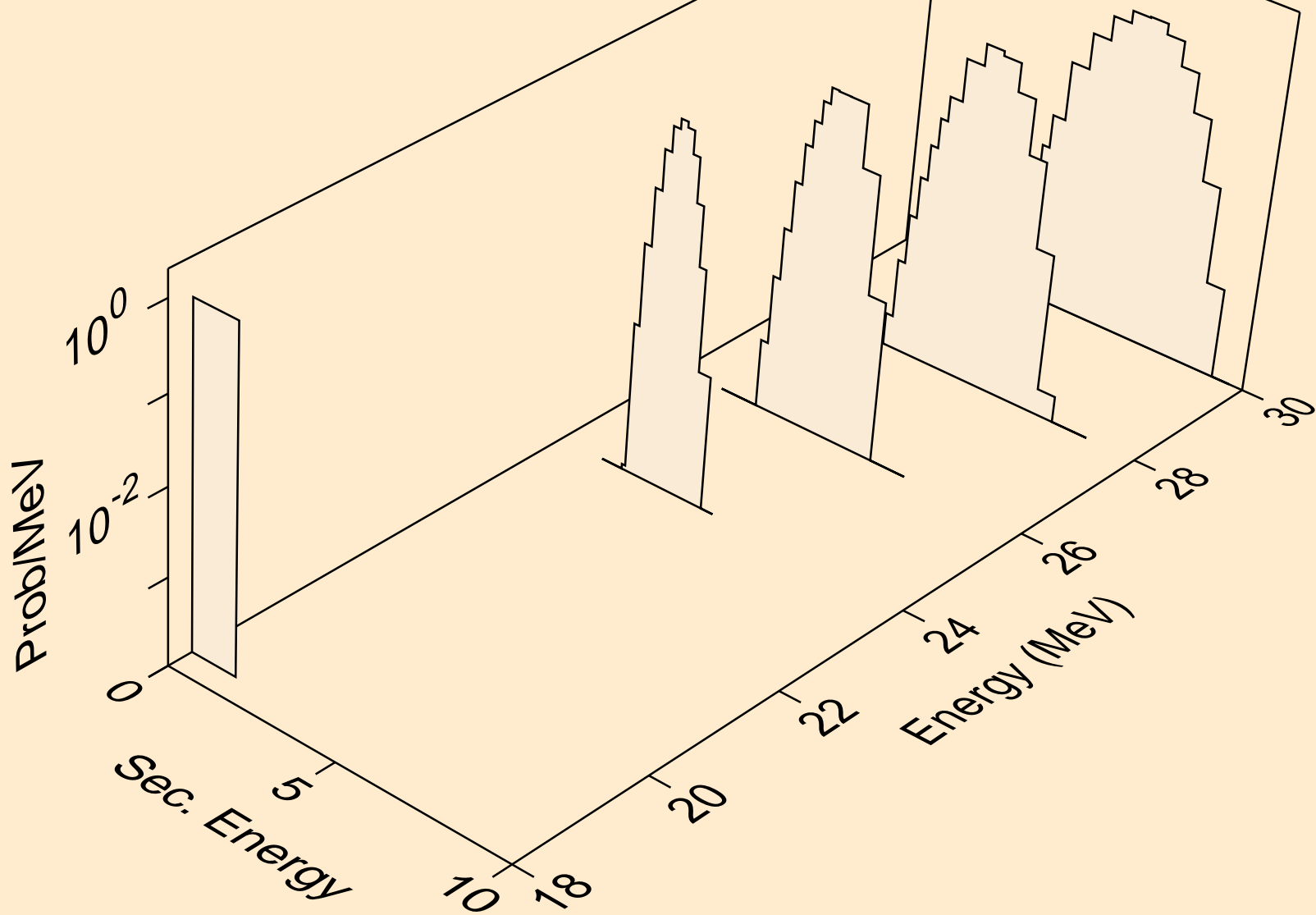


HF162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,d)

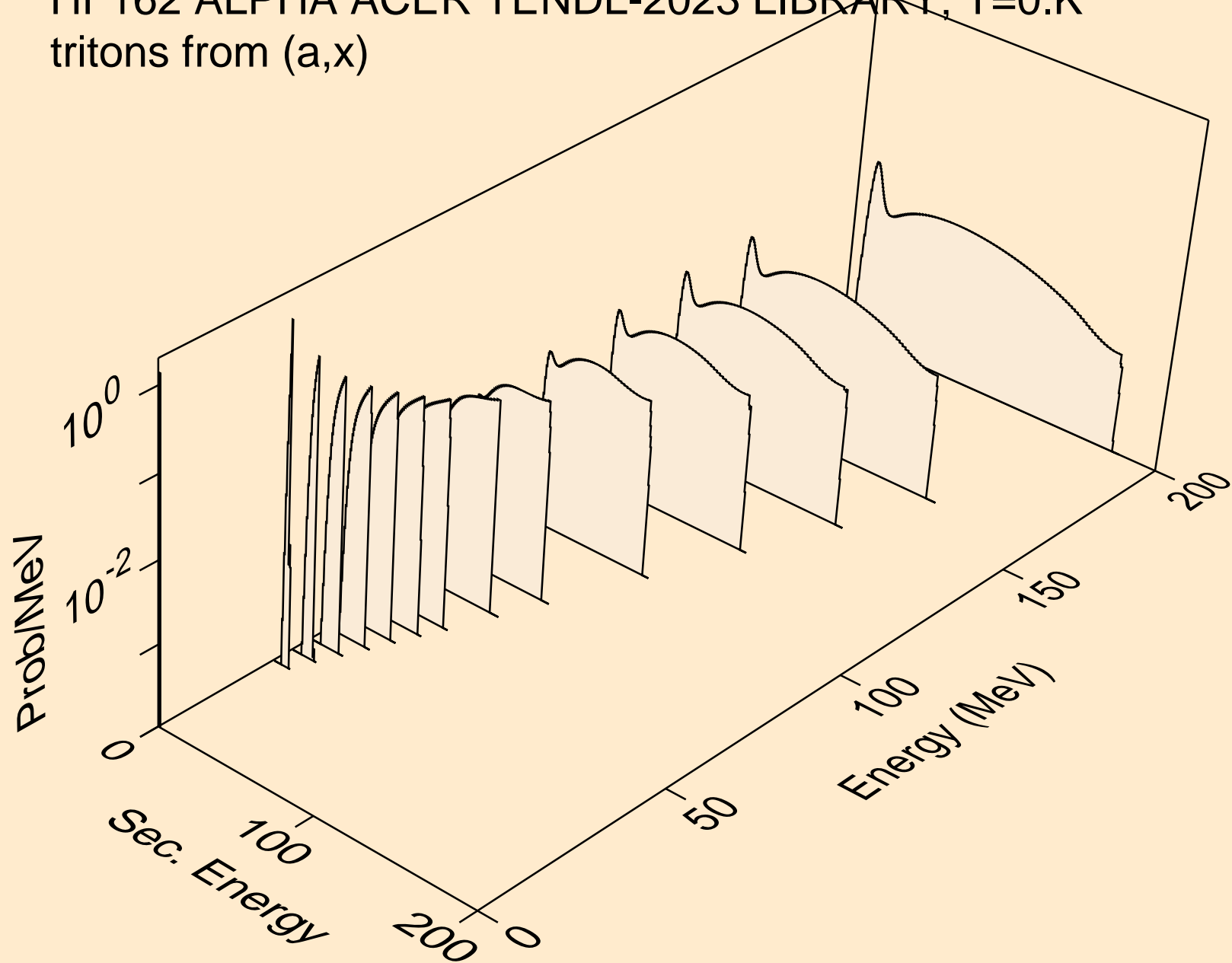




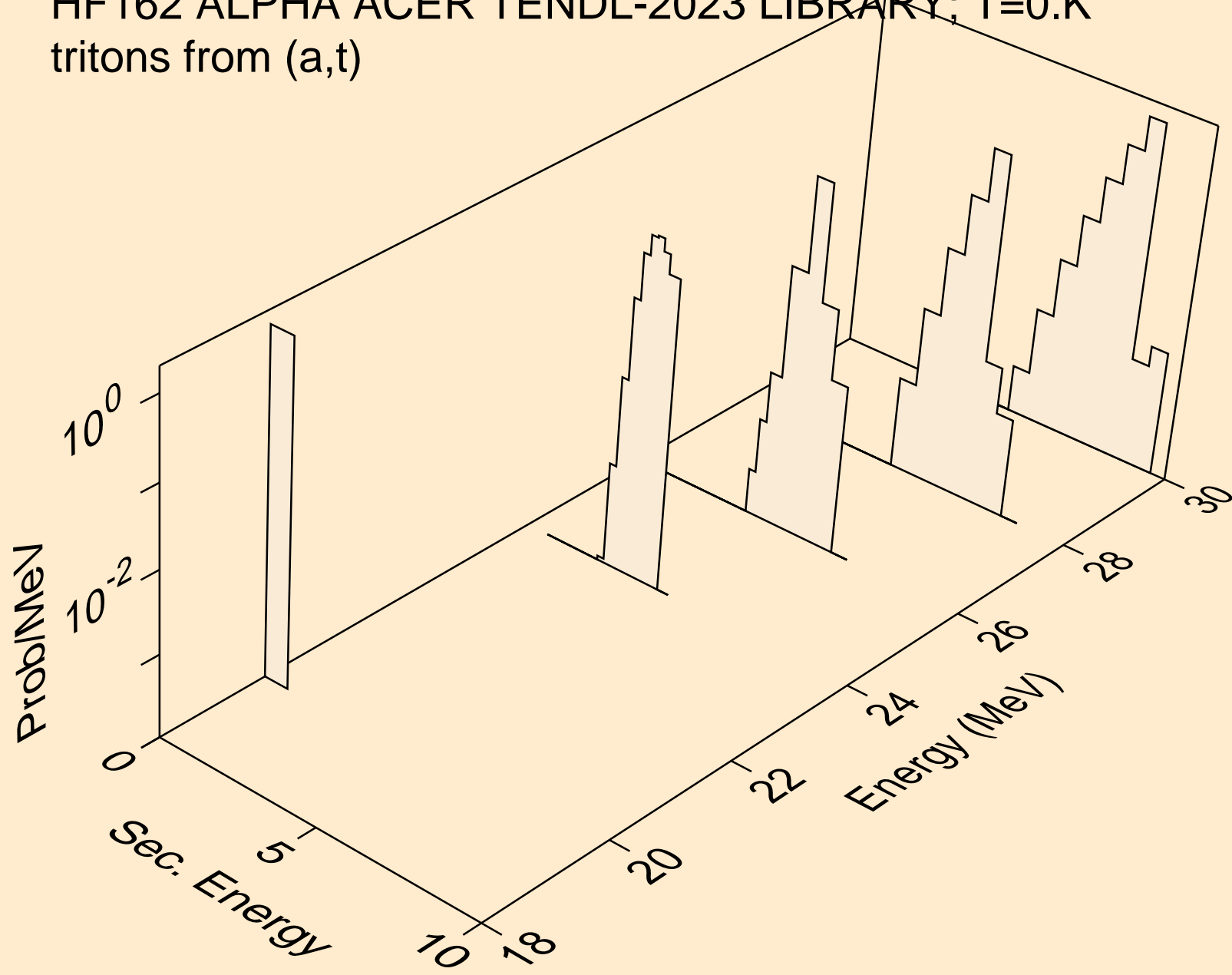
HF162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,pd)



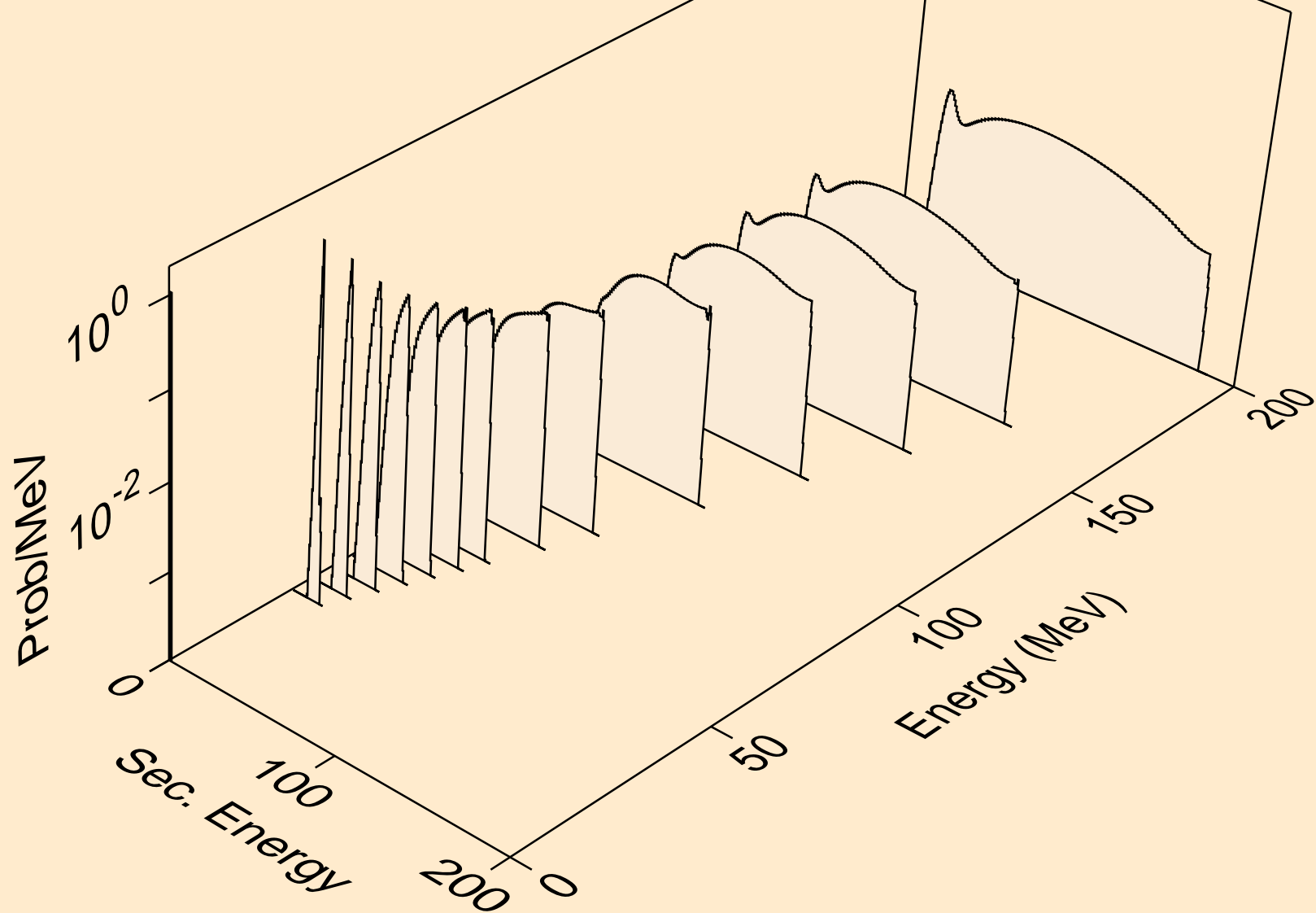
HF162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)



HF162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)



HF162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



HF162 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

