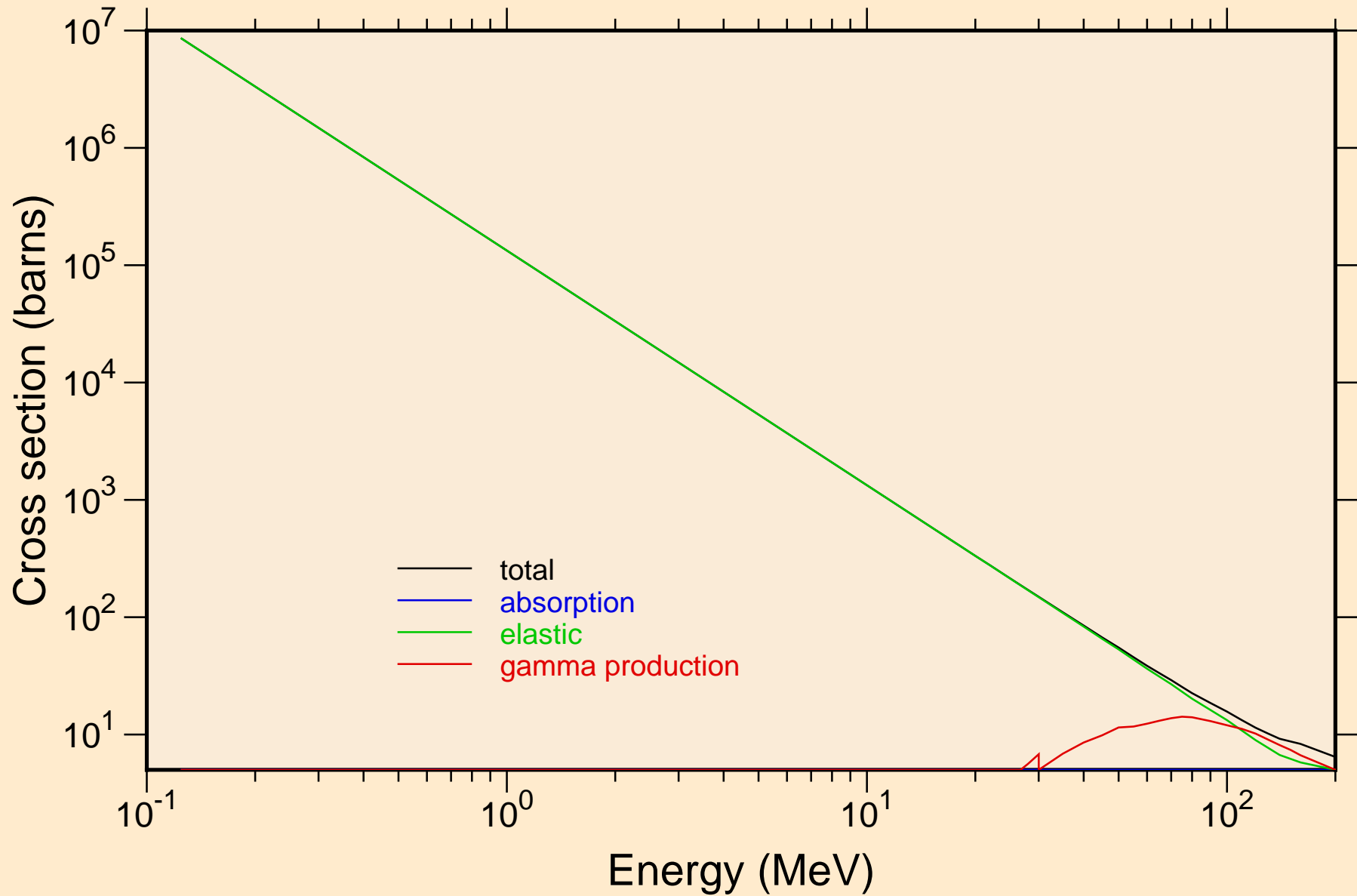
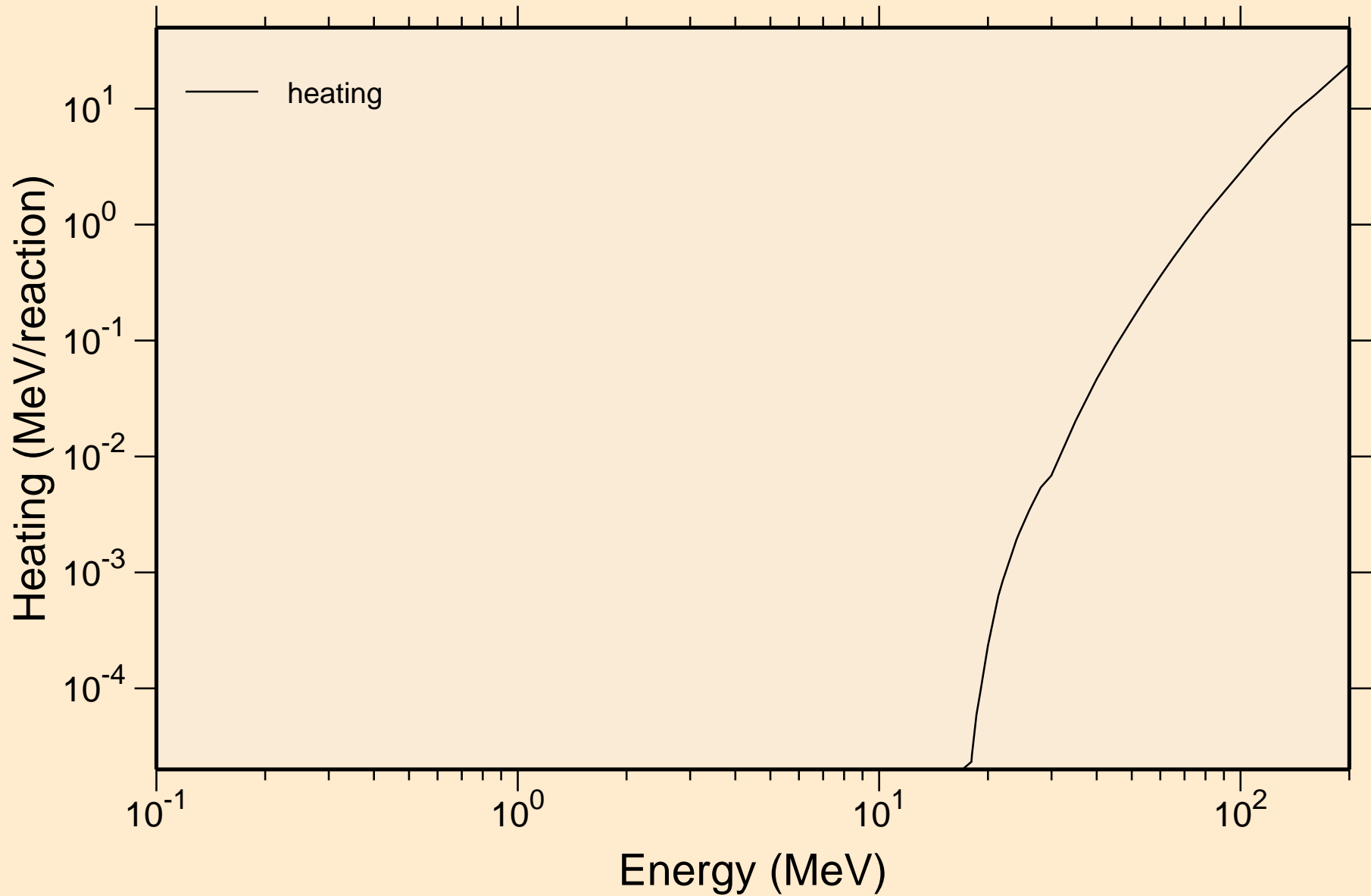


# HF168 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

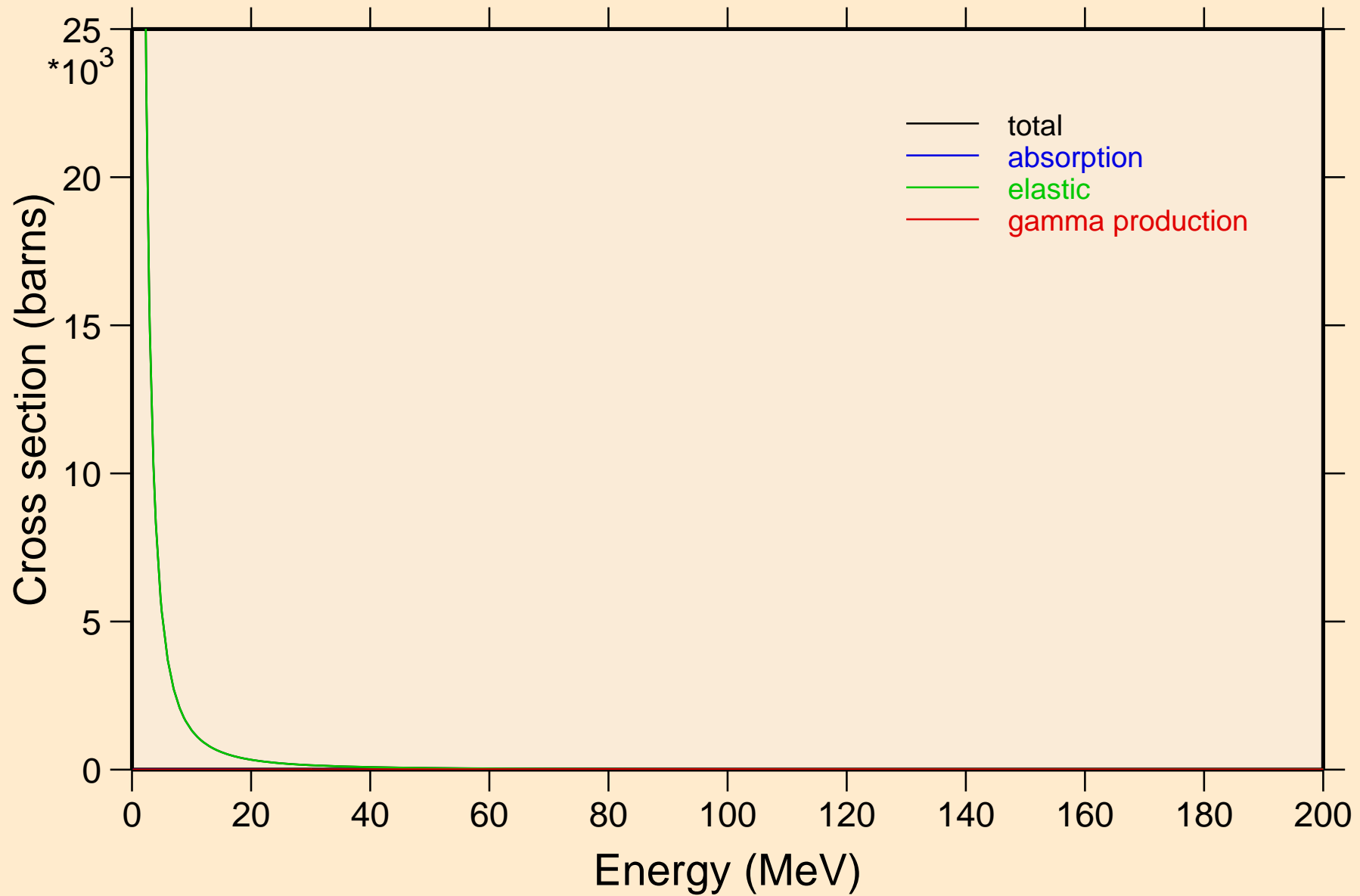


HF168 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Heating



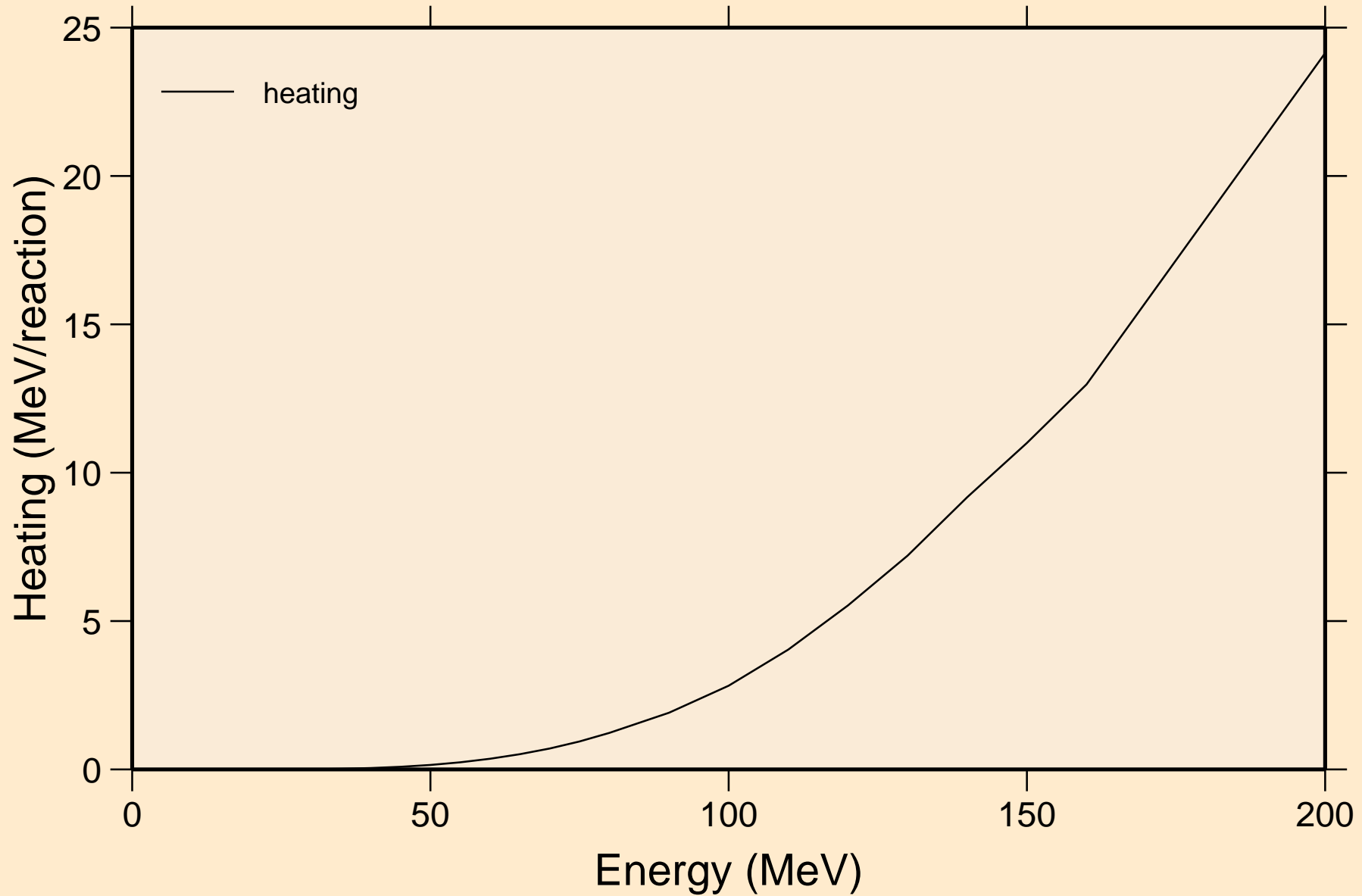
# HF168 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

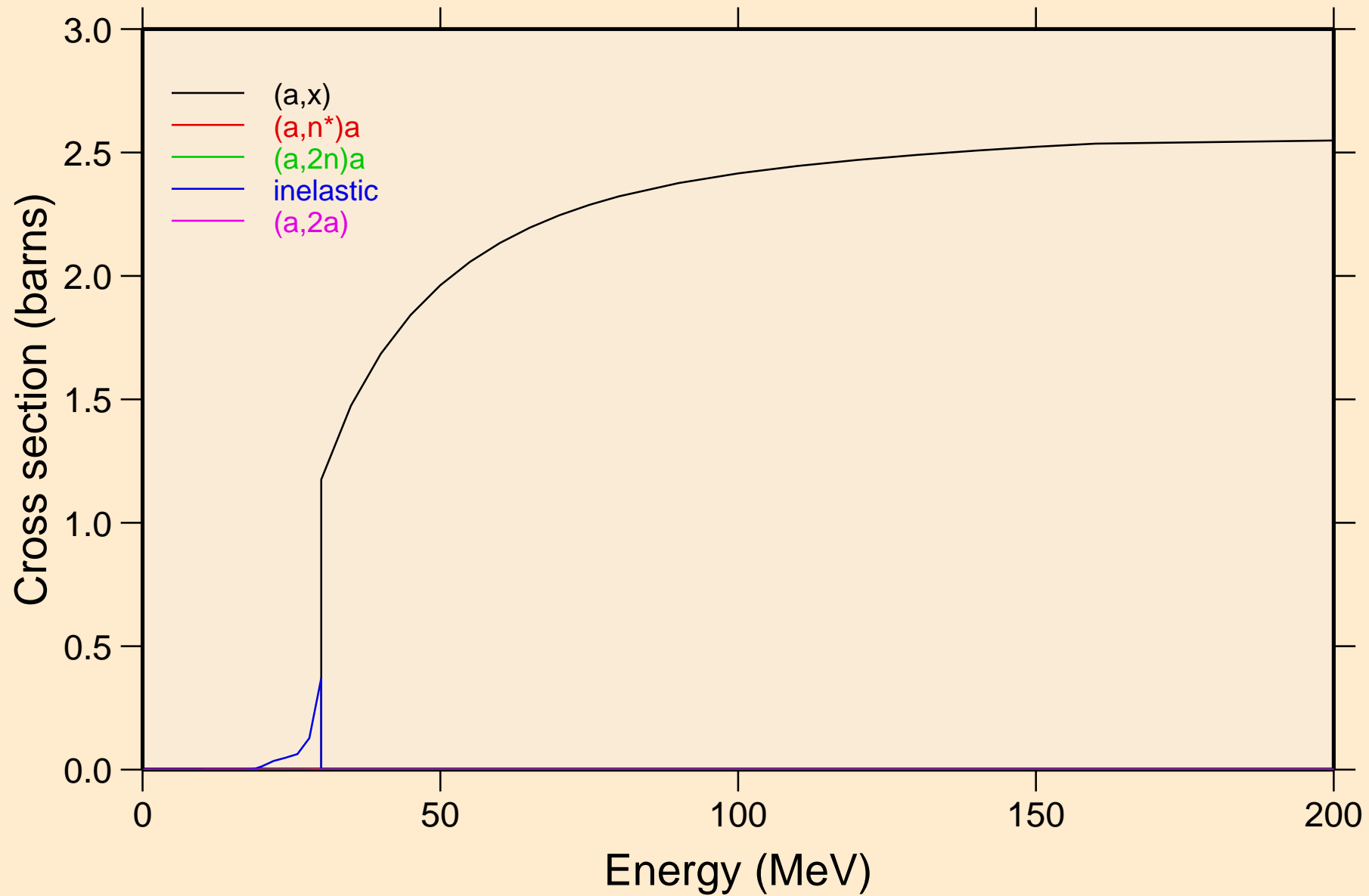


# HF168 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

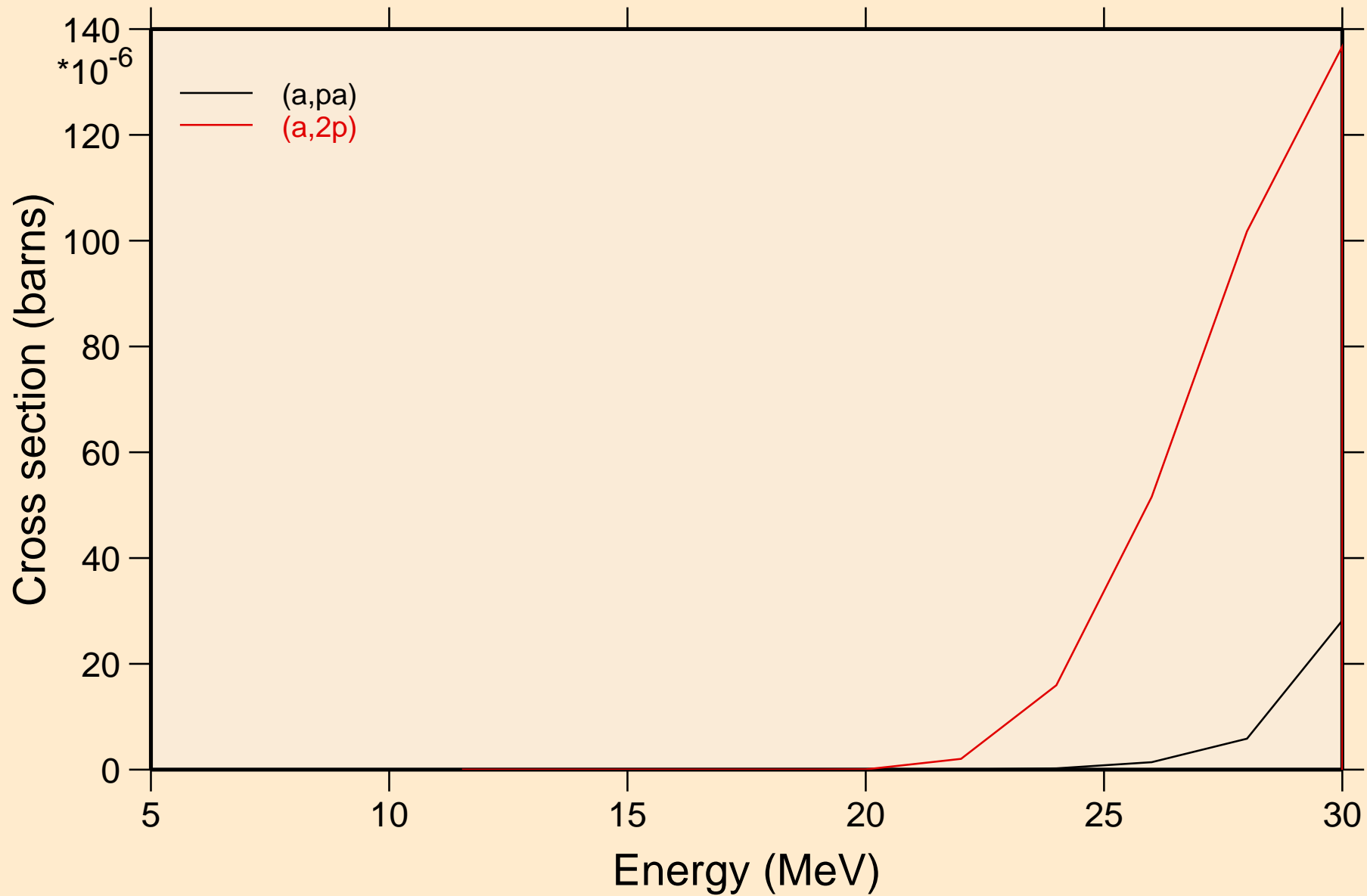
## Heating



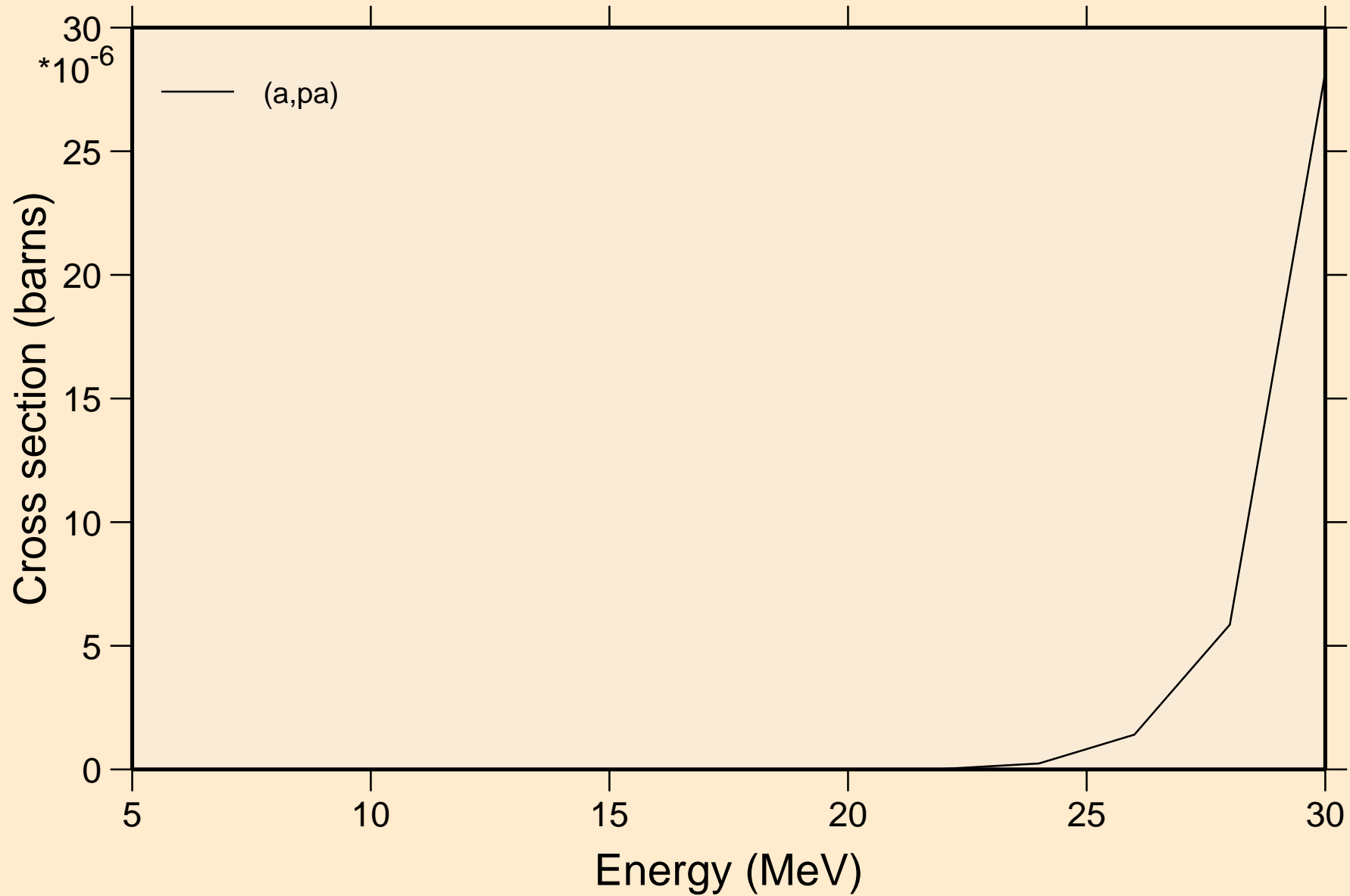
HF168 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



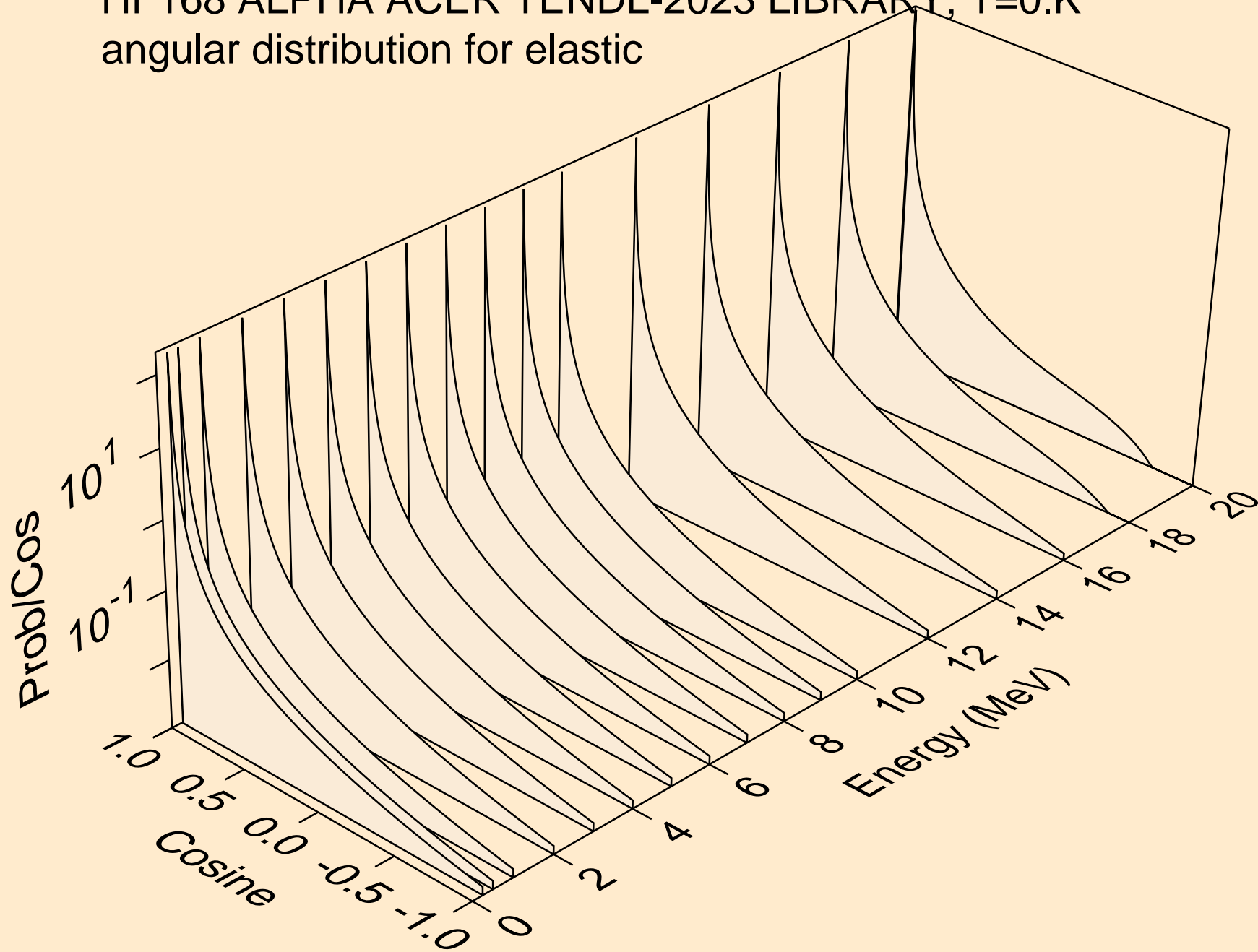
HF168 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



HF168 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

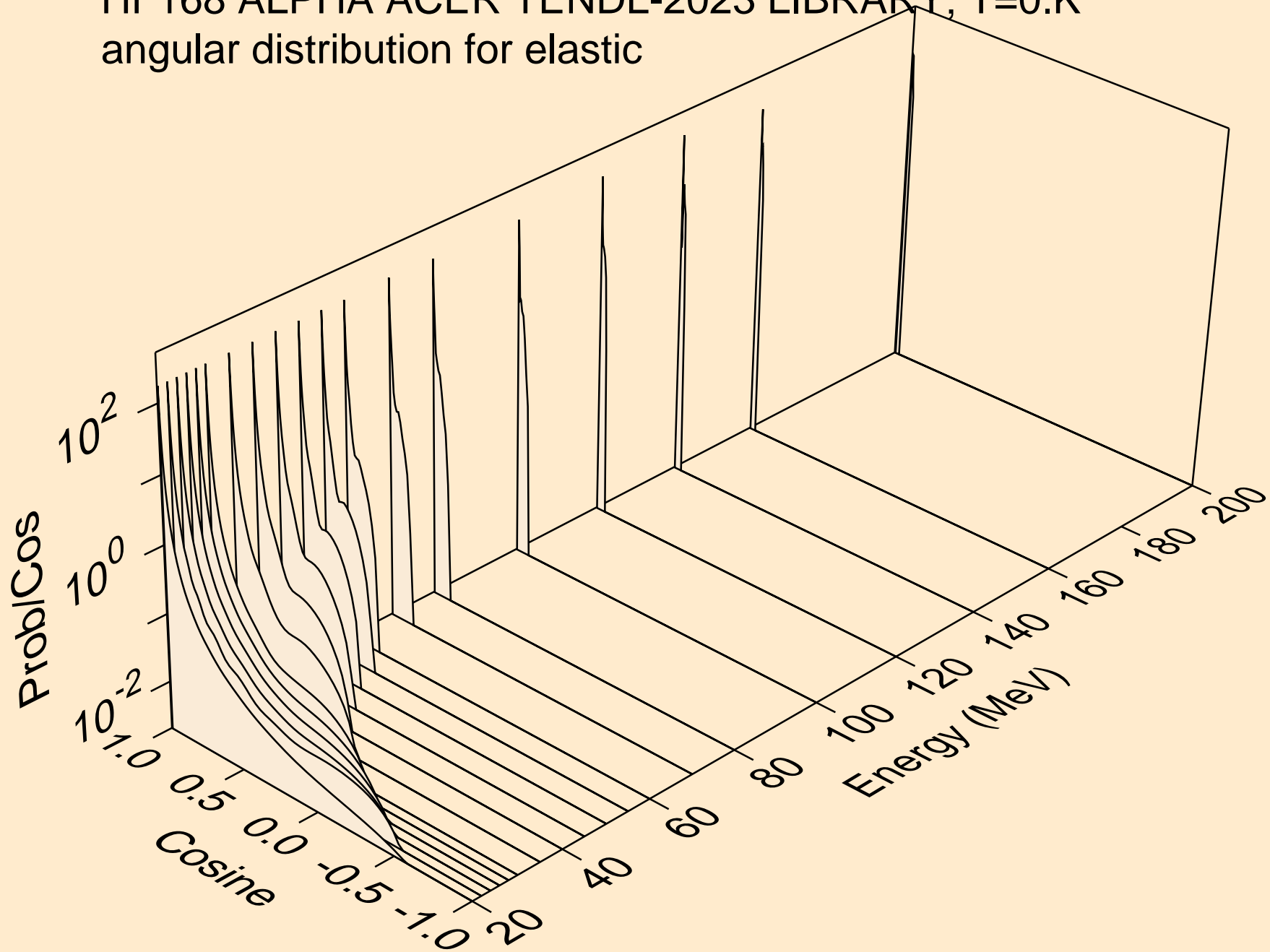


HF168 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

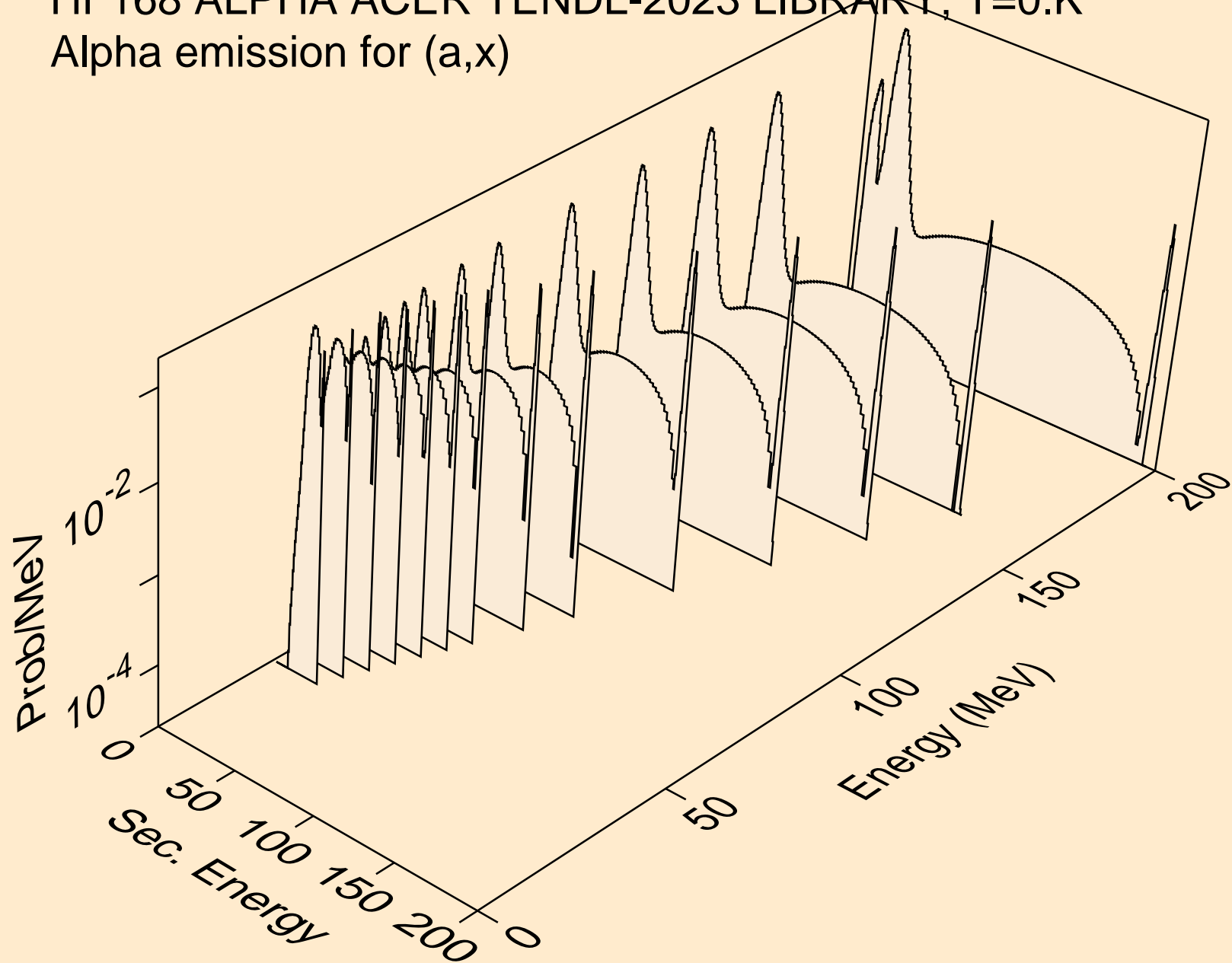




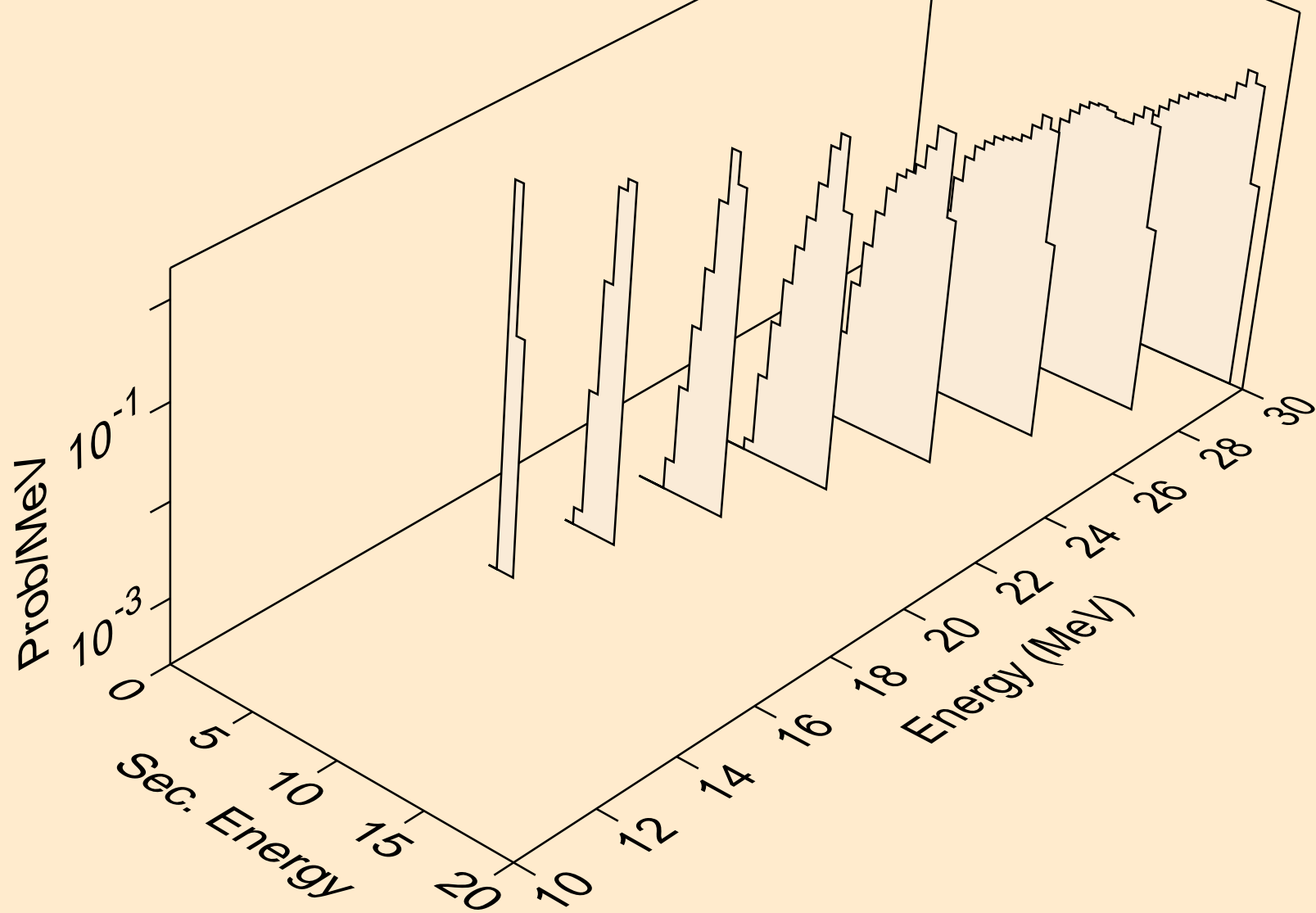
HF168 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



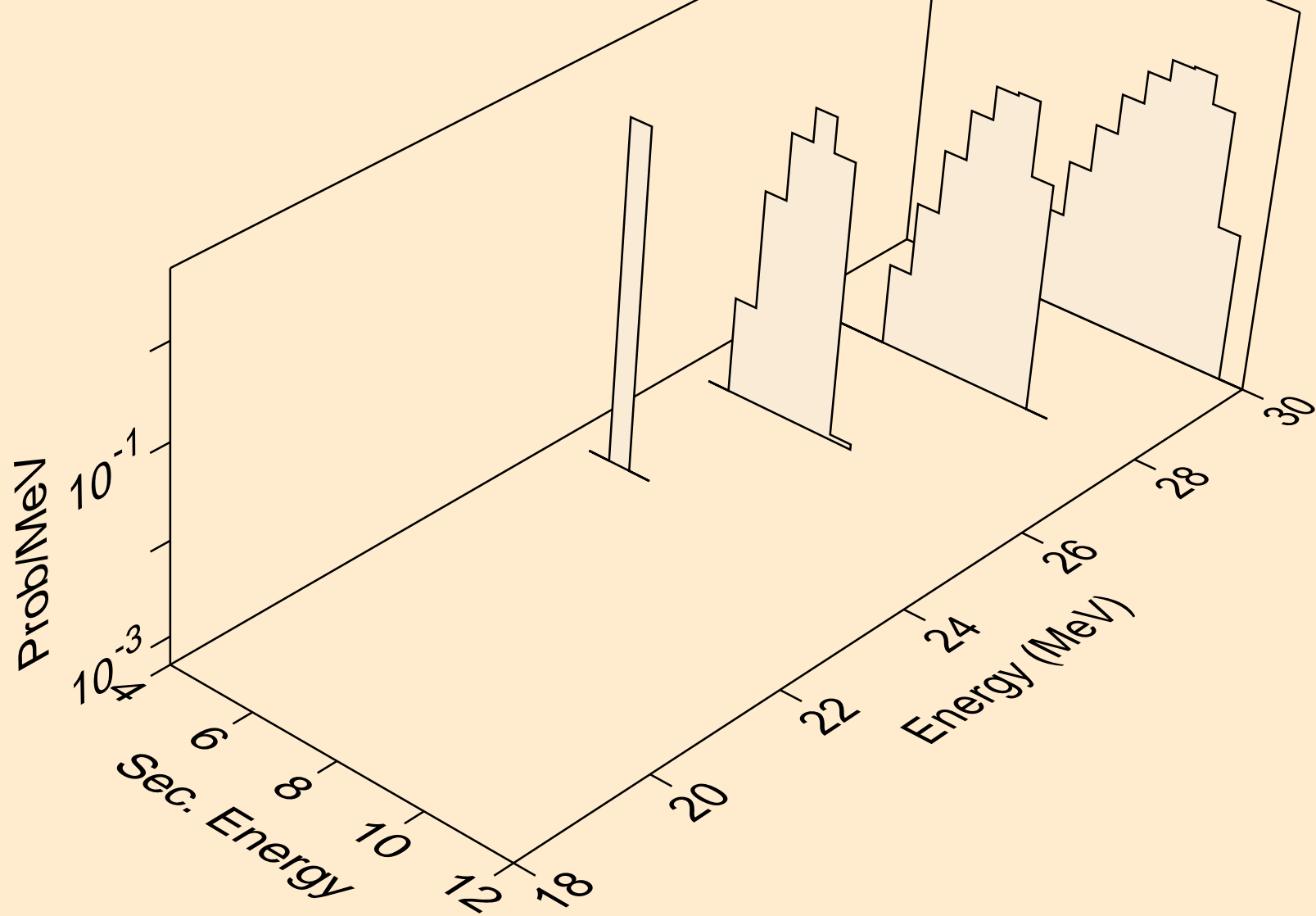
HF168 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,x)



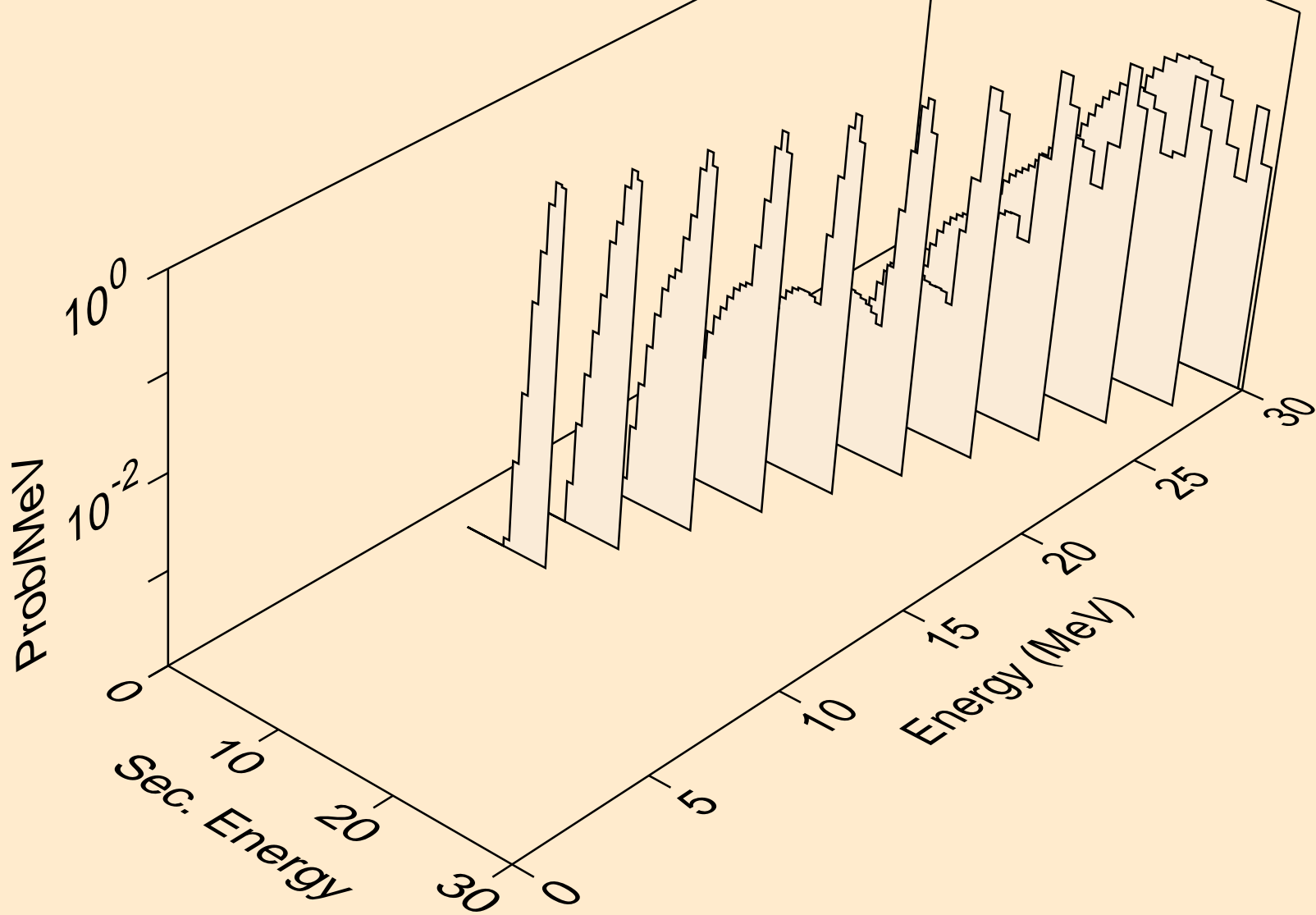
HF168 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



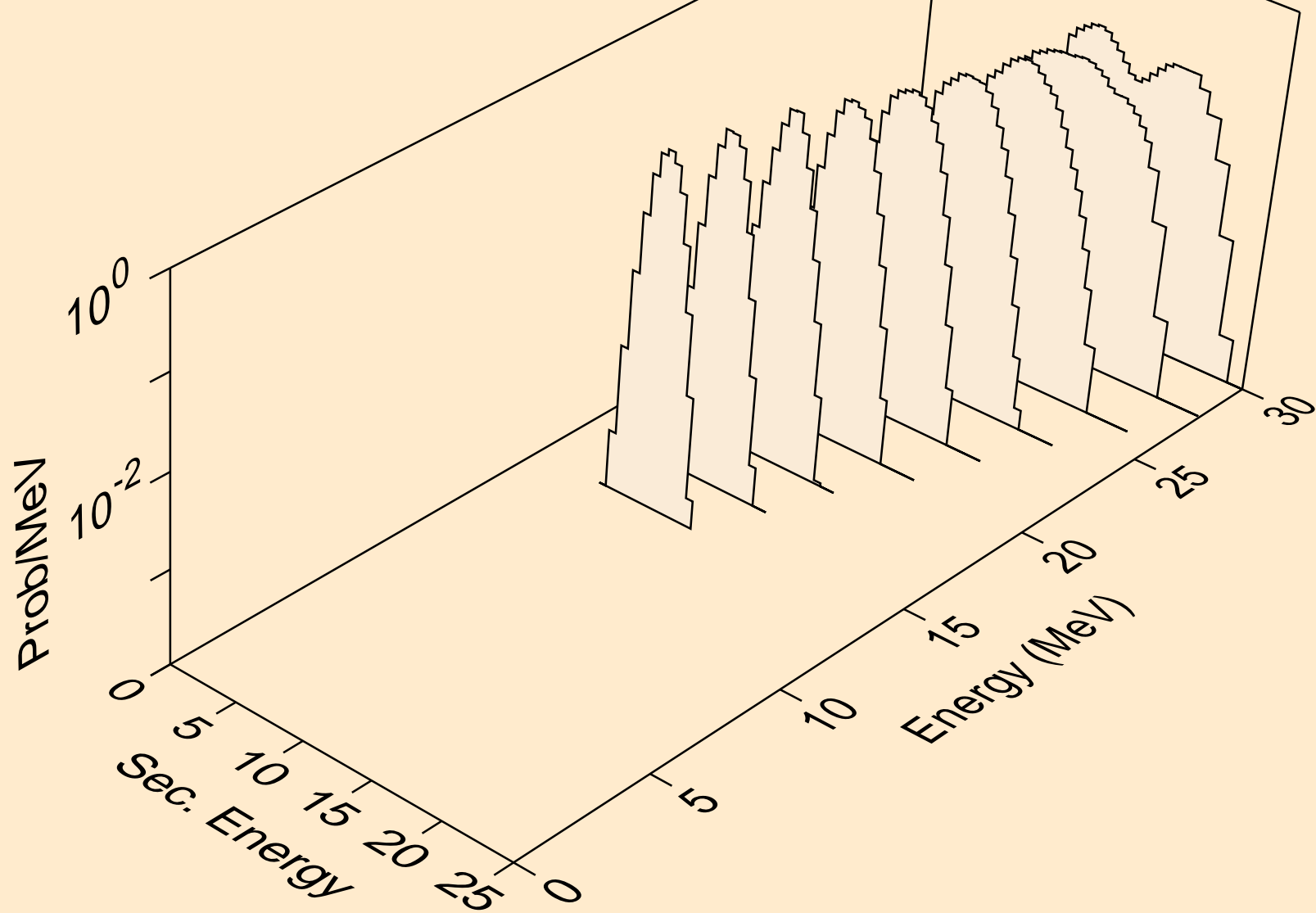
HF168 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



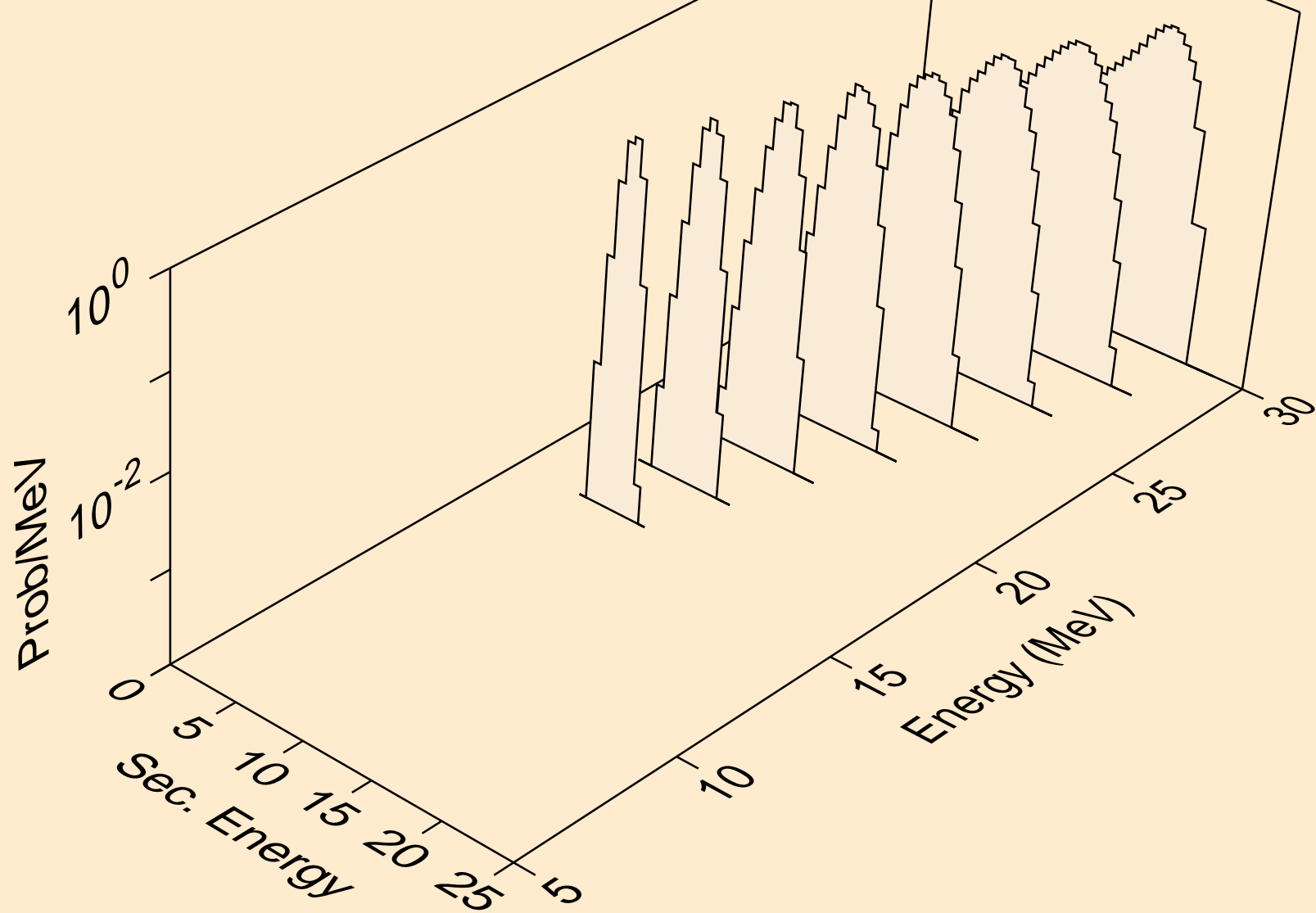
HF168 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic



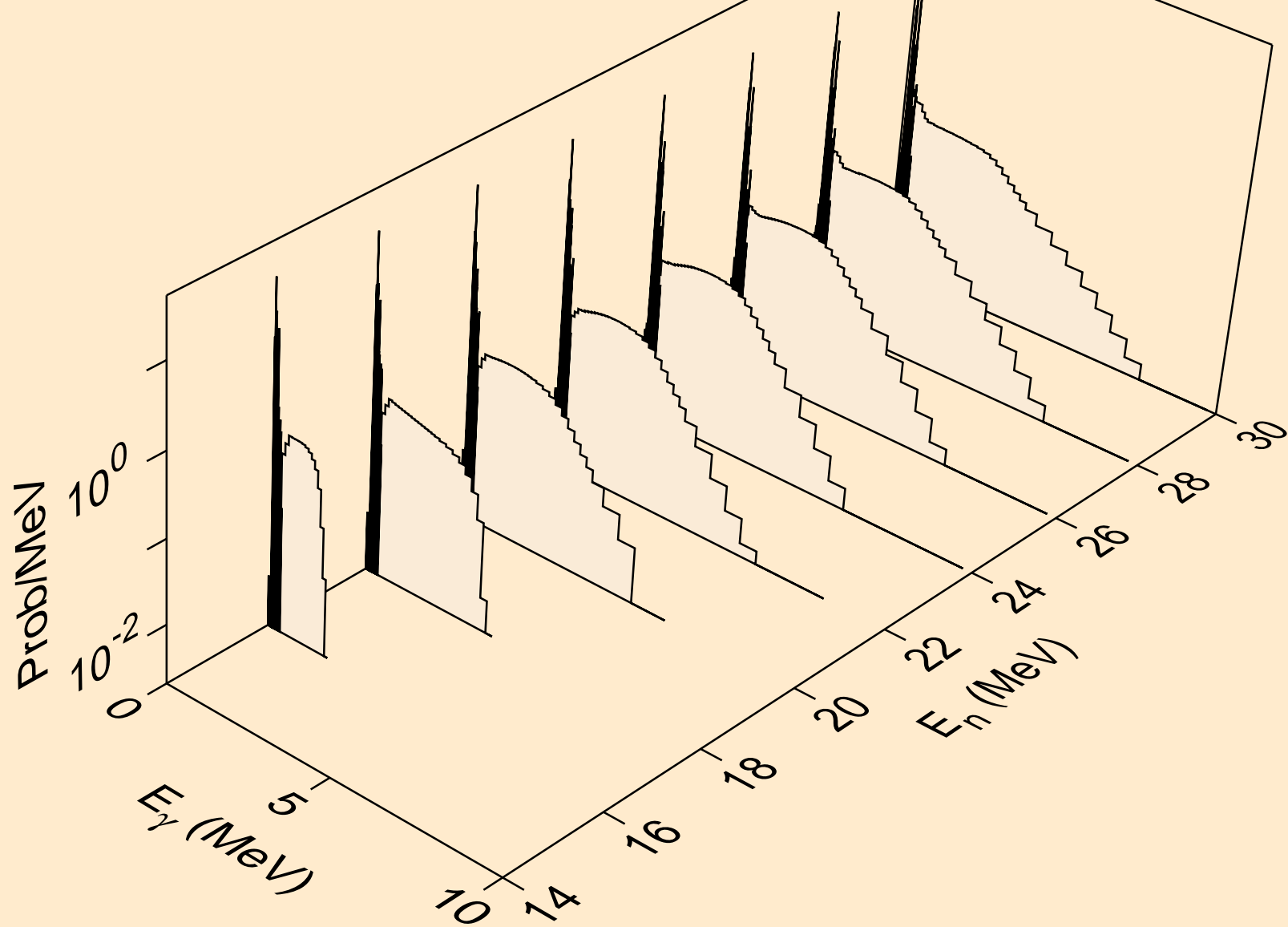
HF168 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2a)



HF168 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,pa)

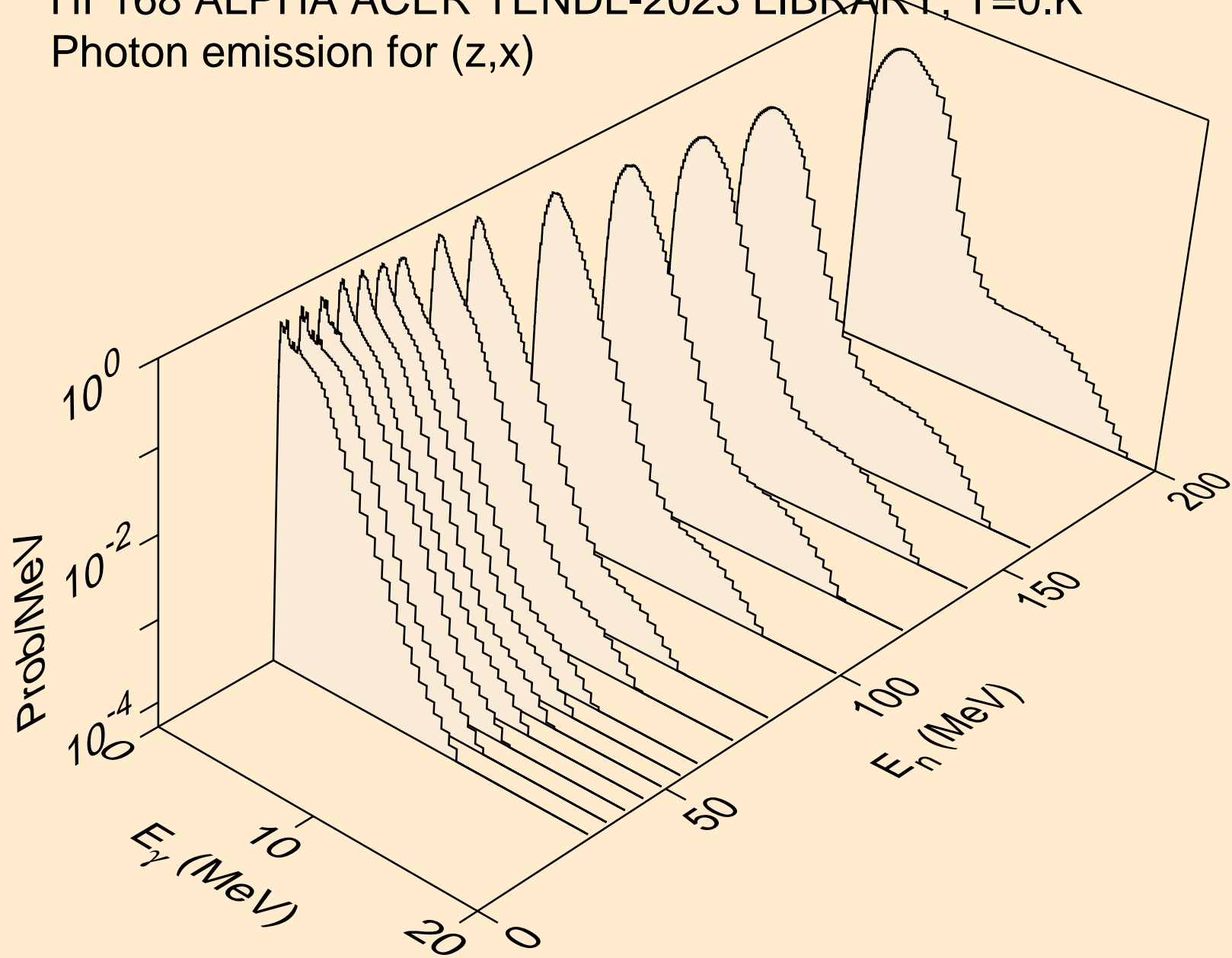


HF168 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)

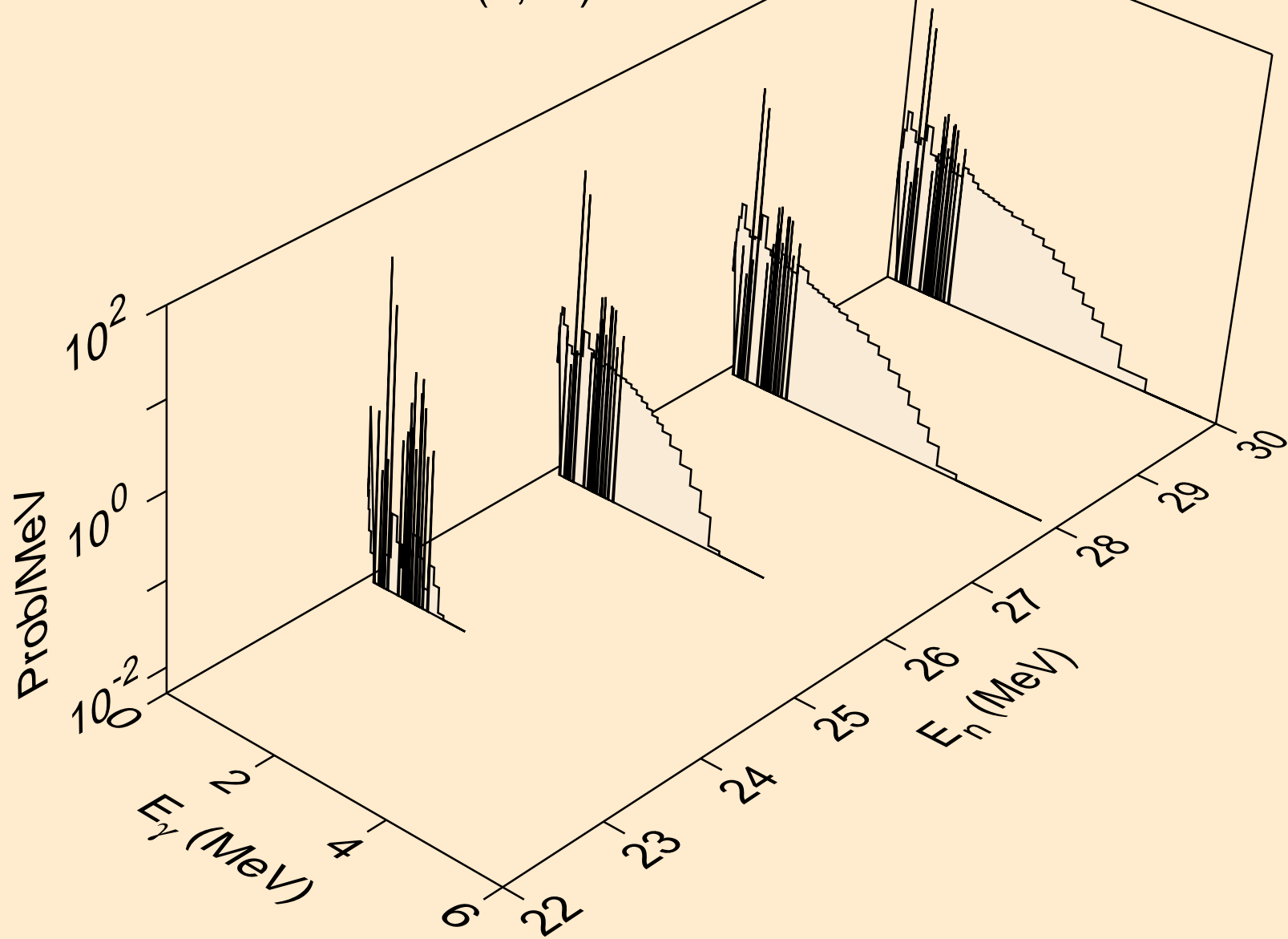




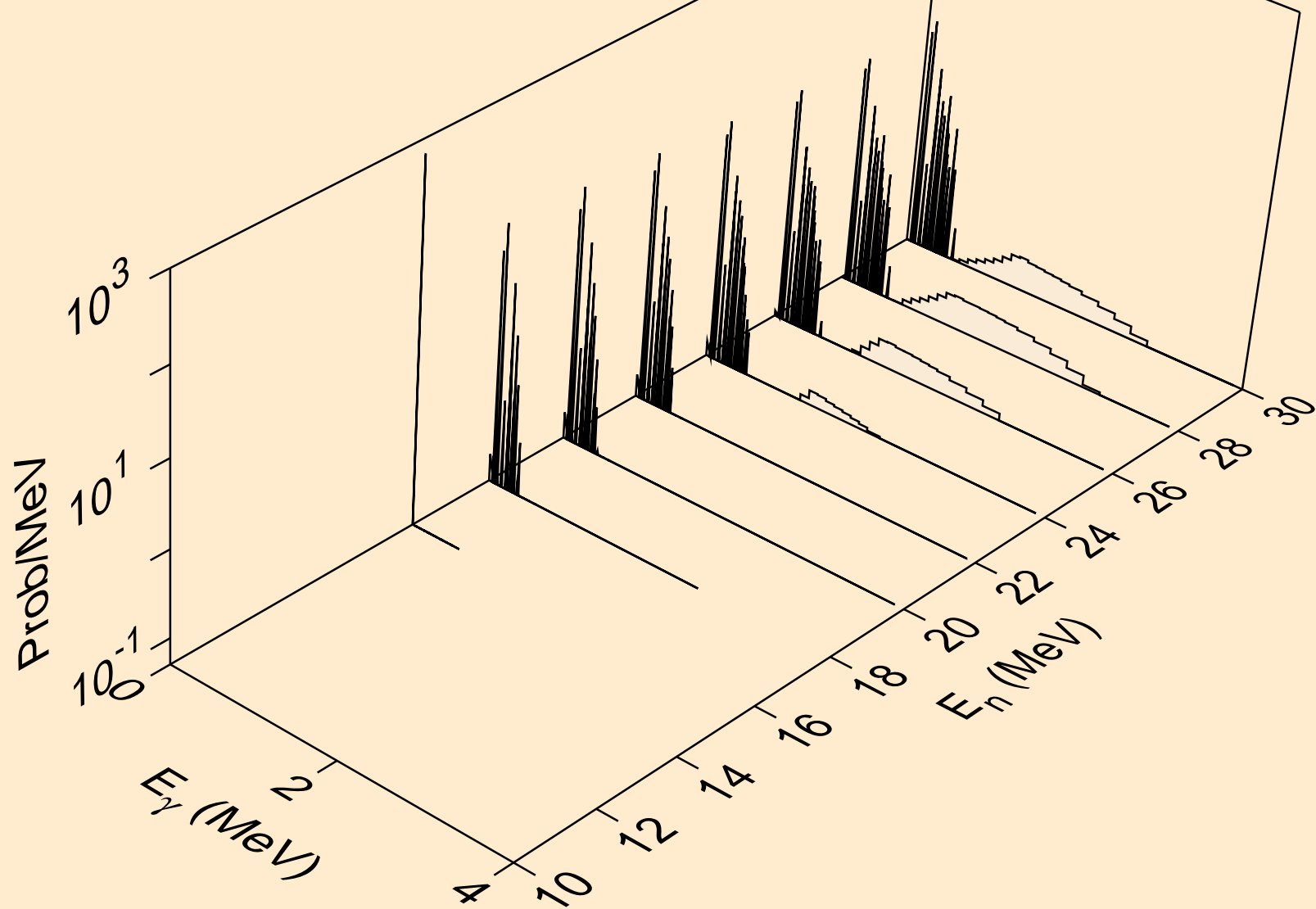
HF168 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



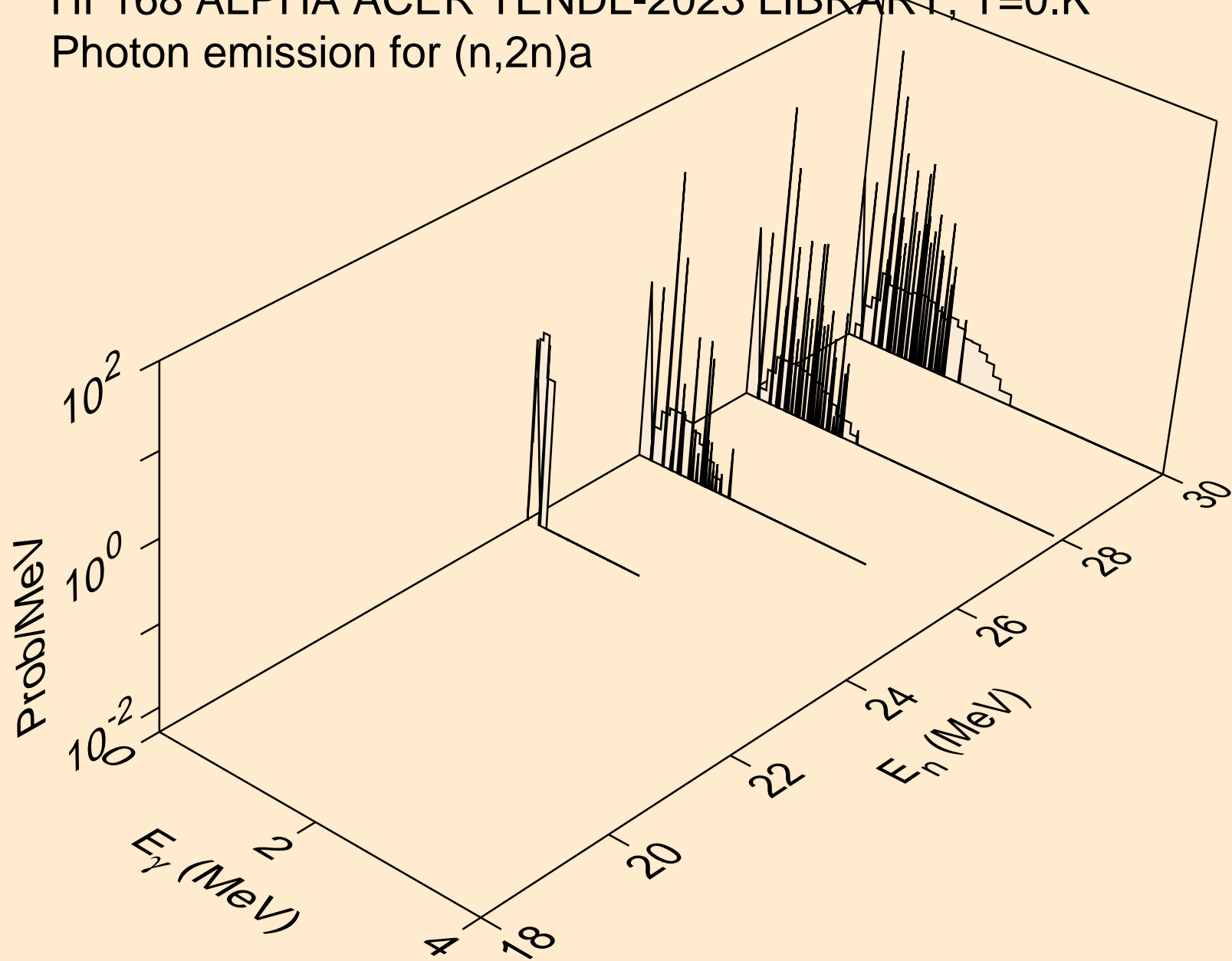
HF168 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



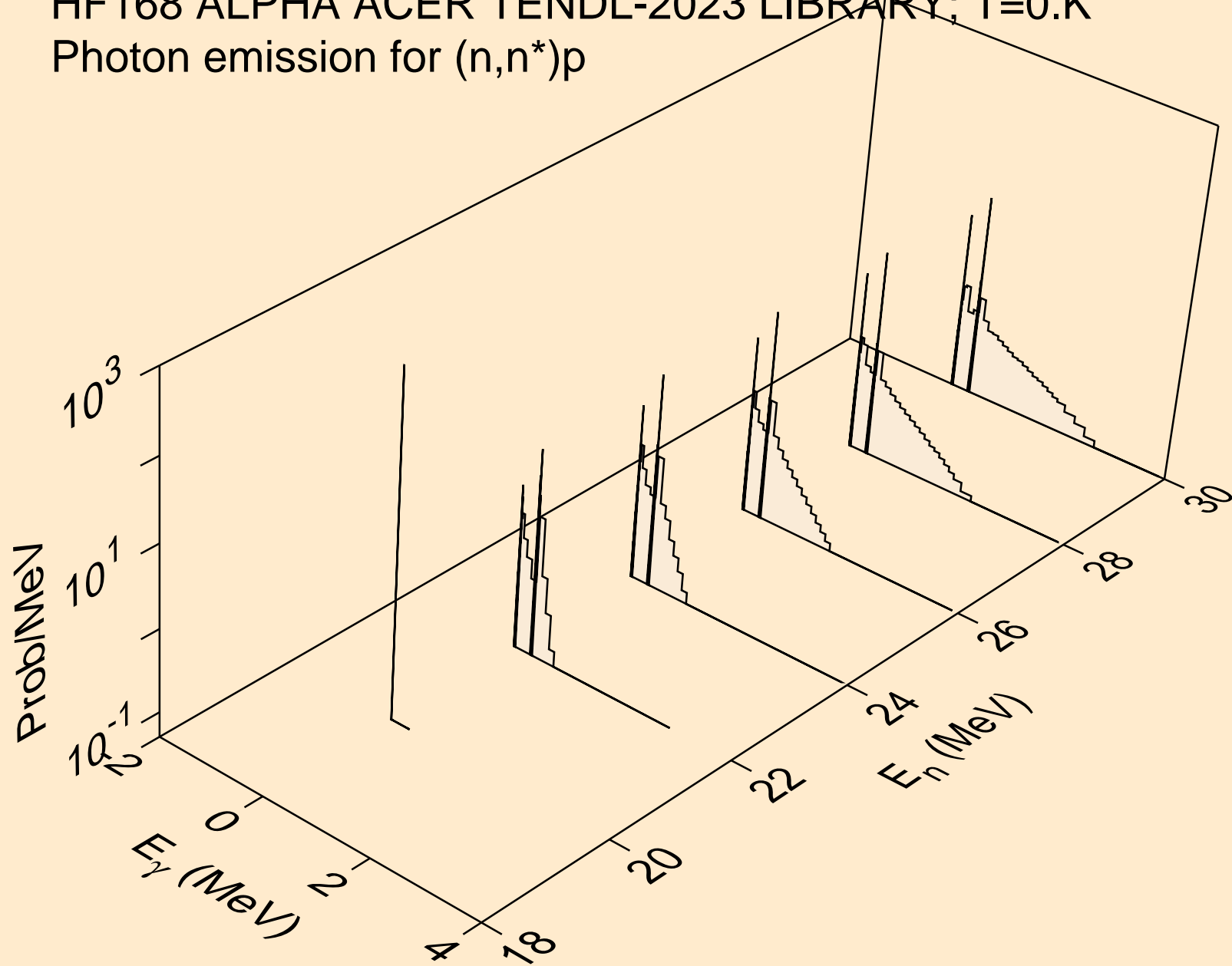
HF168 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



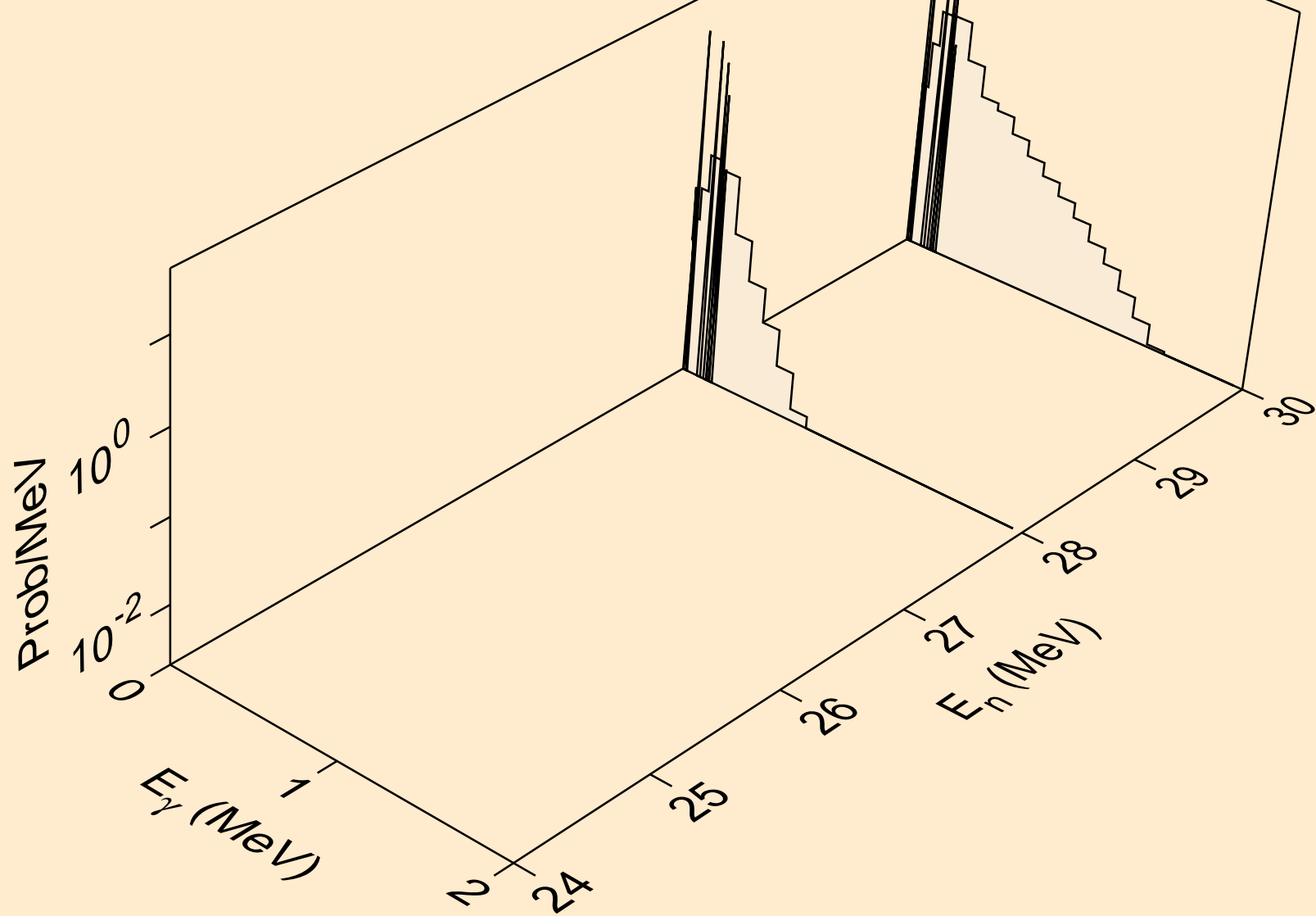
HF168 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



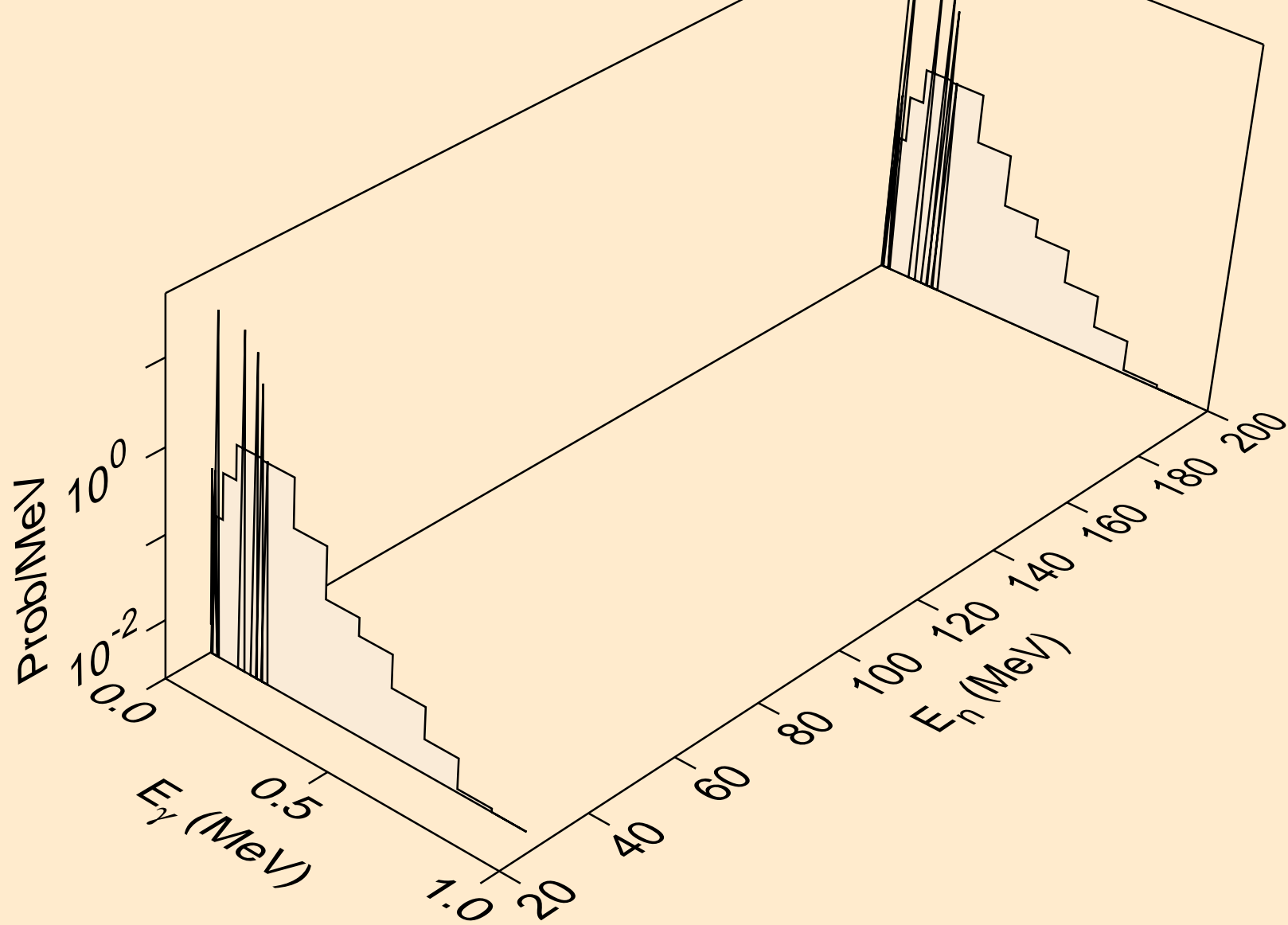
HF168 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



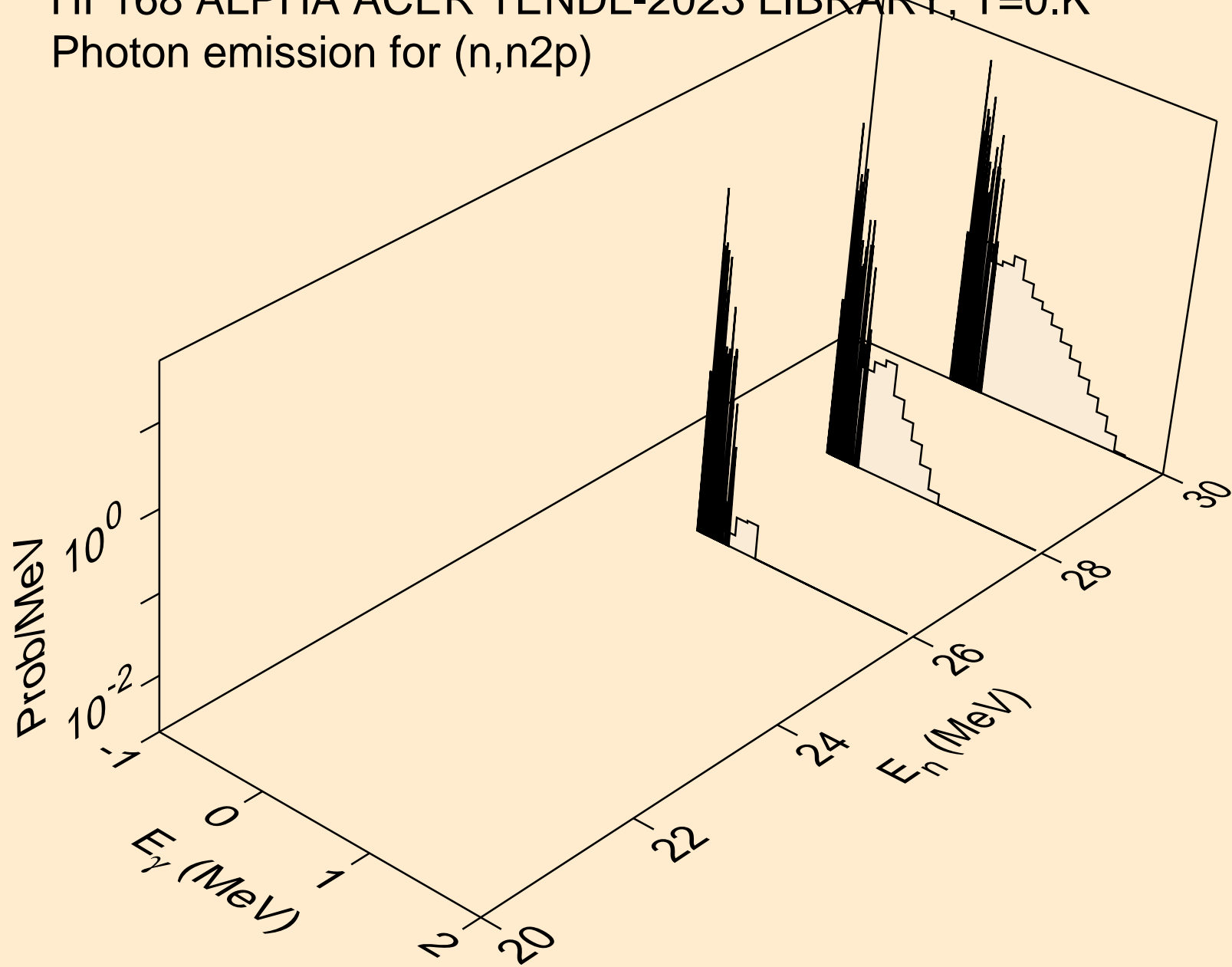
HF168 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



HF168 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)

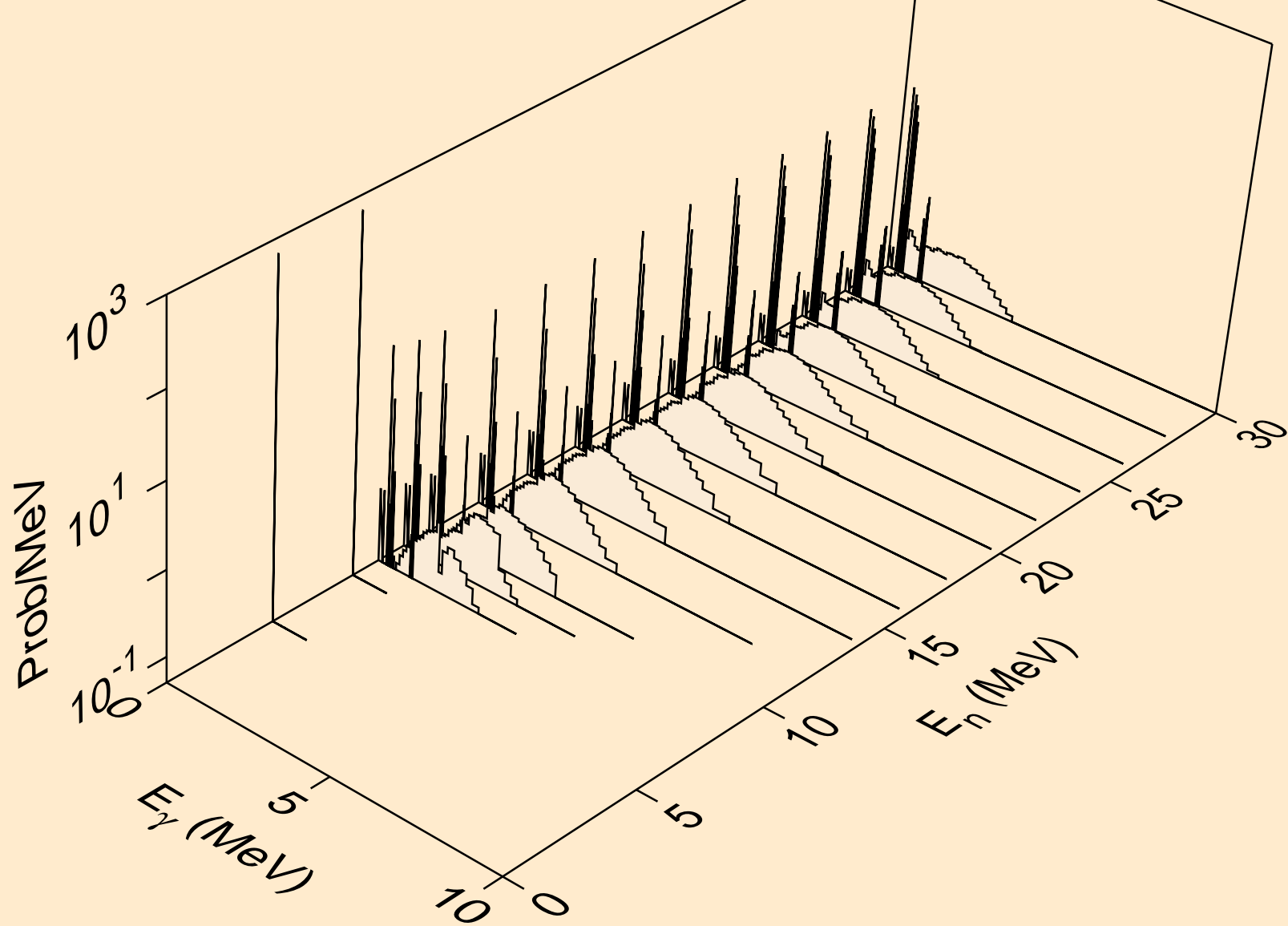


HF168 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)

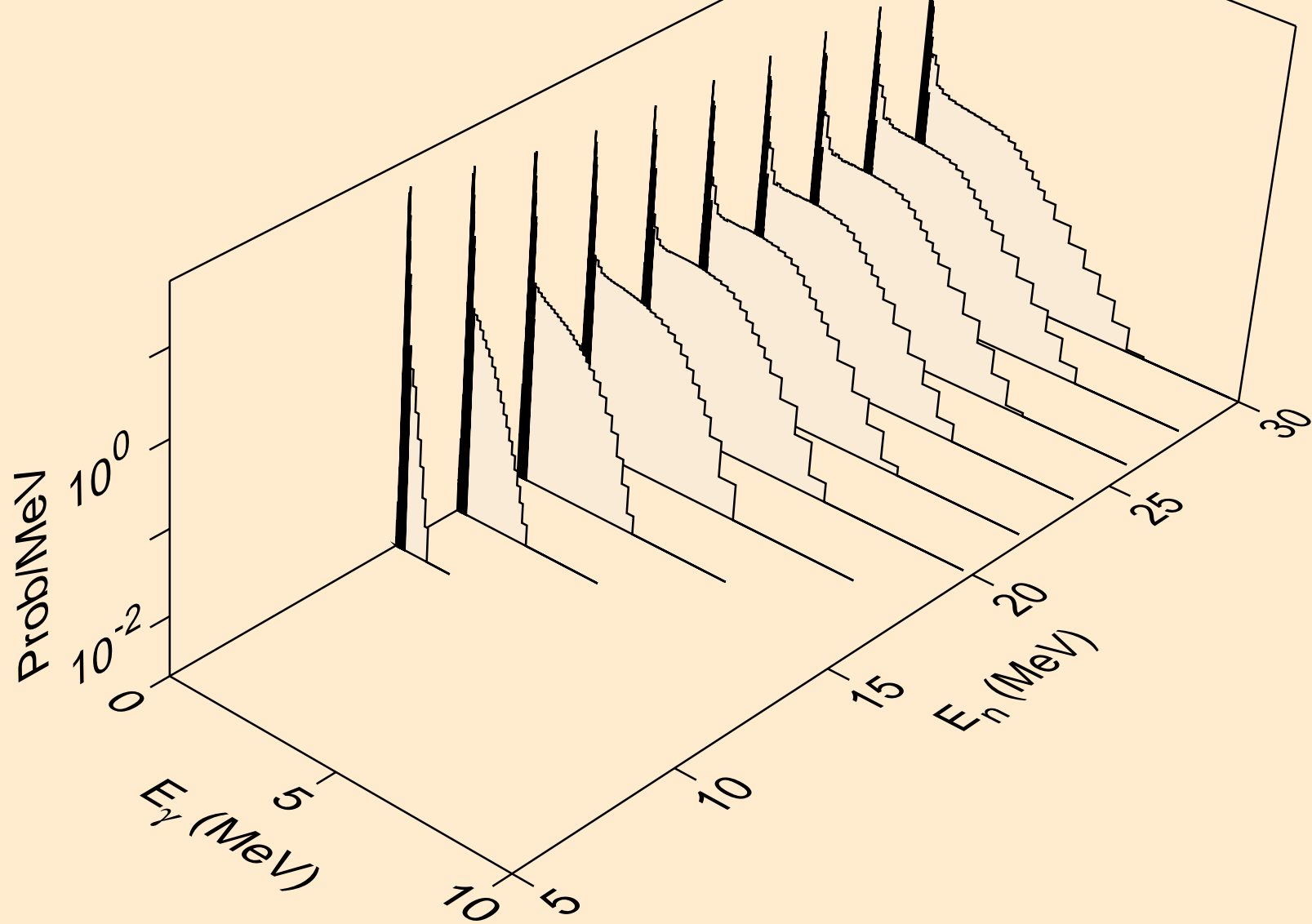




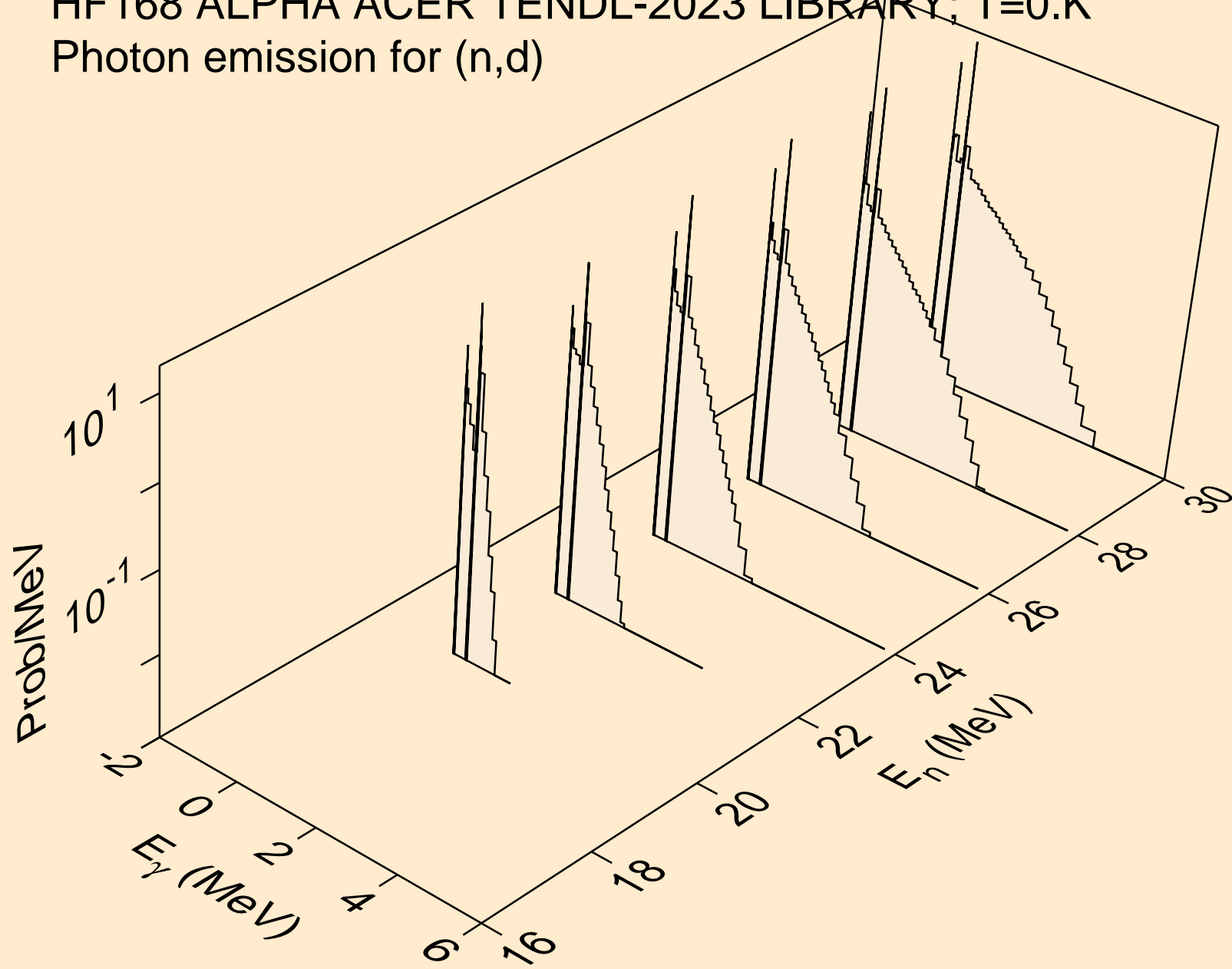
HF168 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



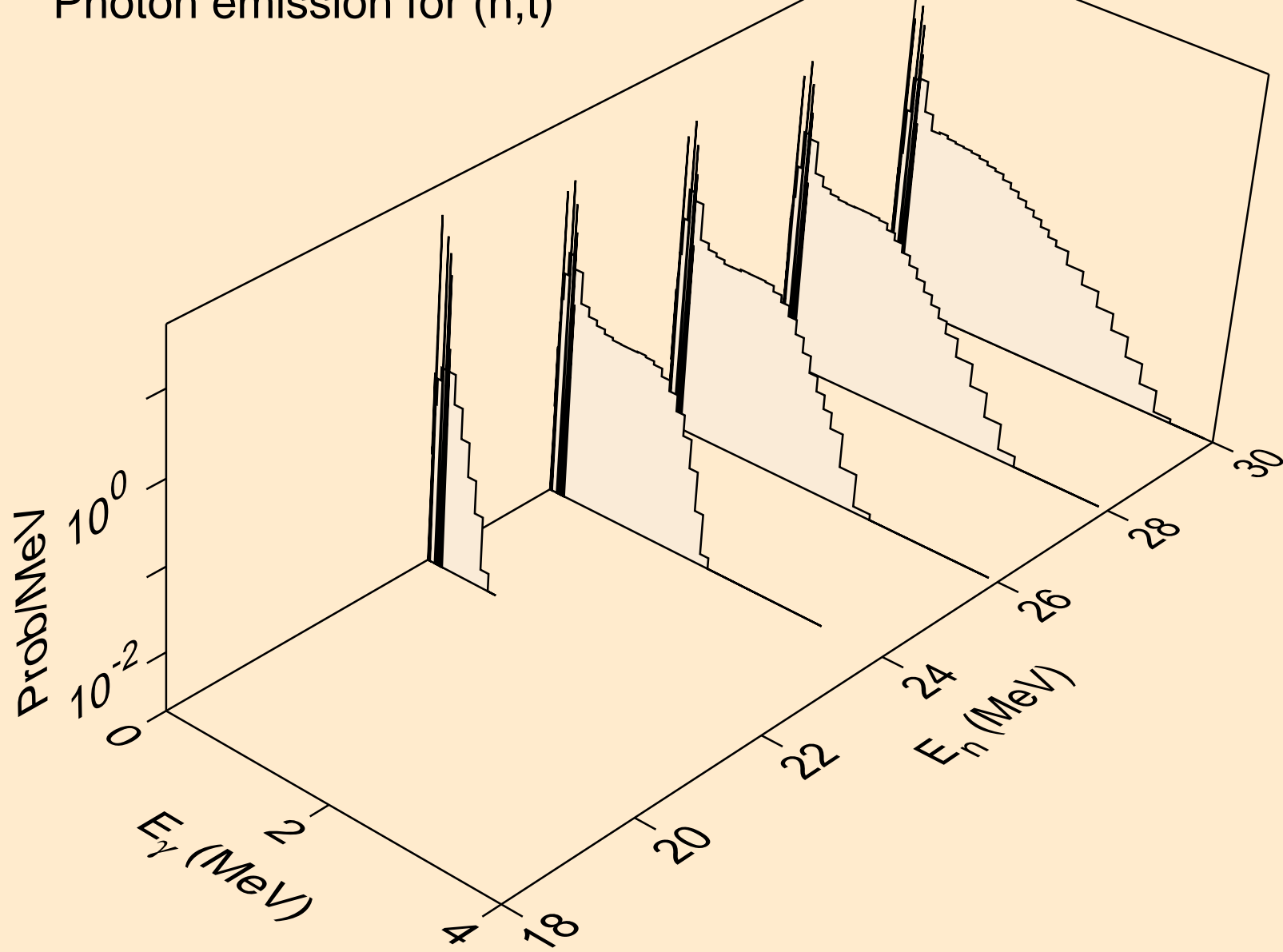
HF168 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



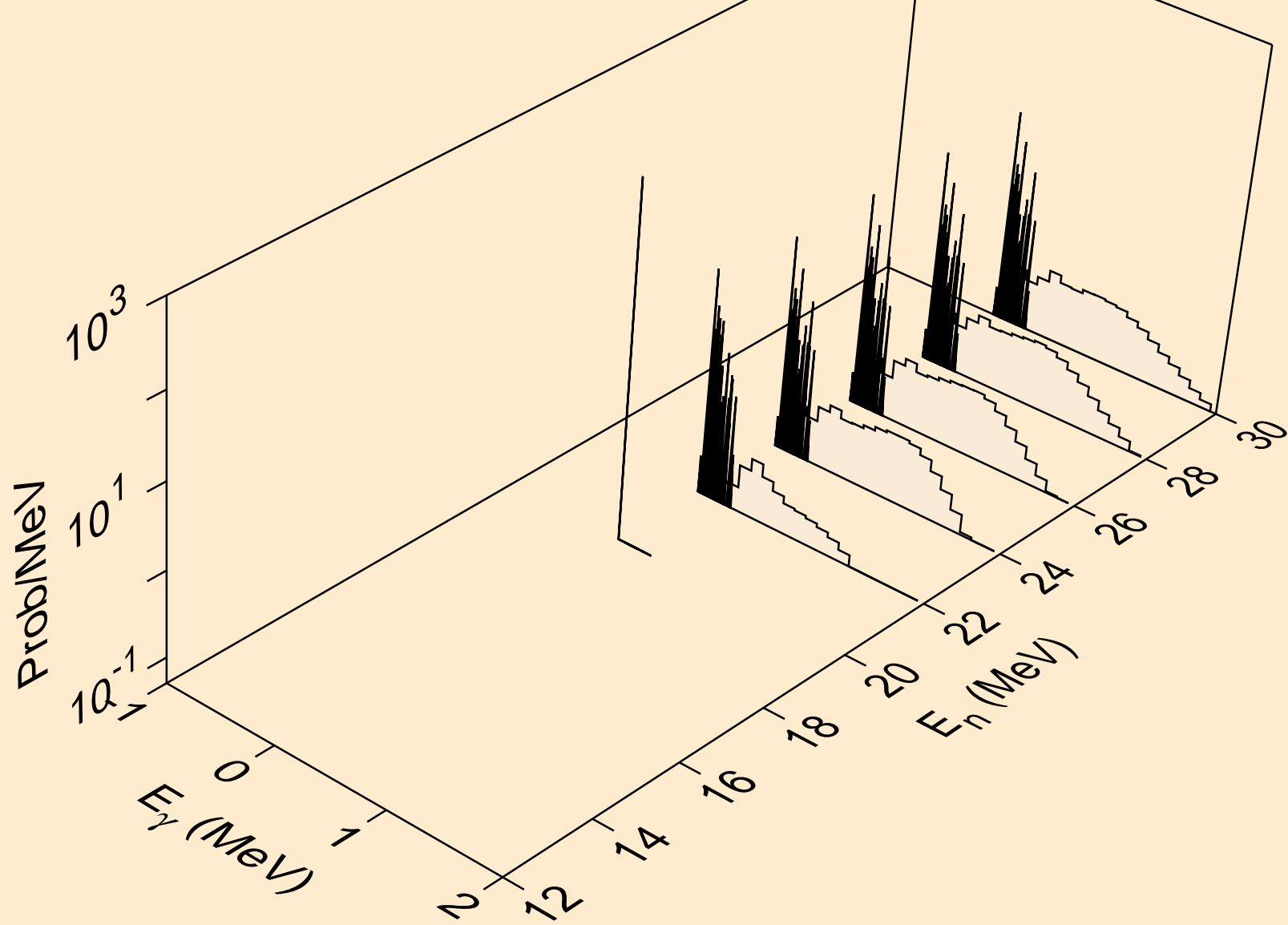
HF168 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



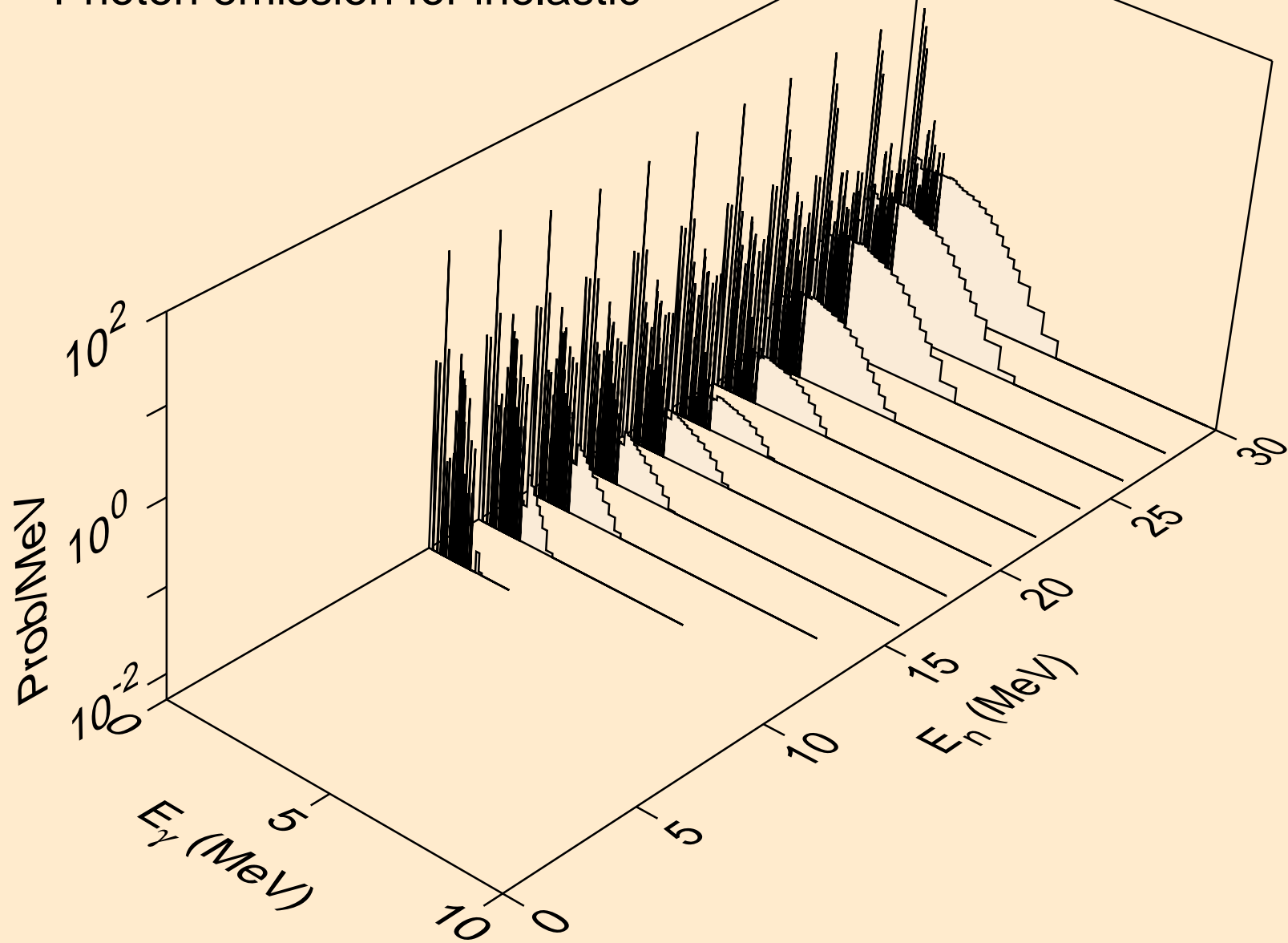
HF168 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



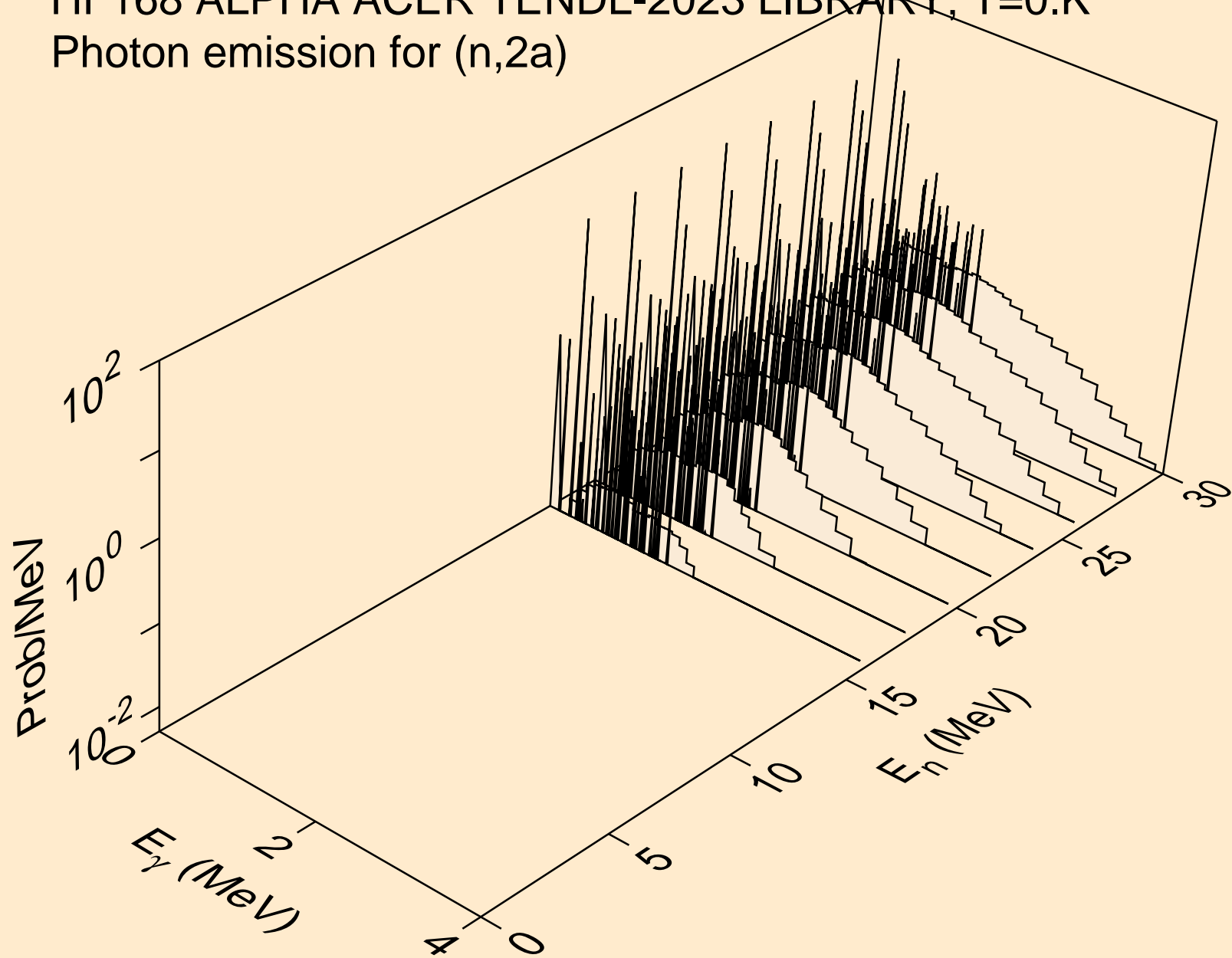
HF168 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



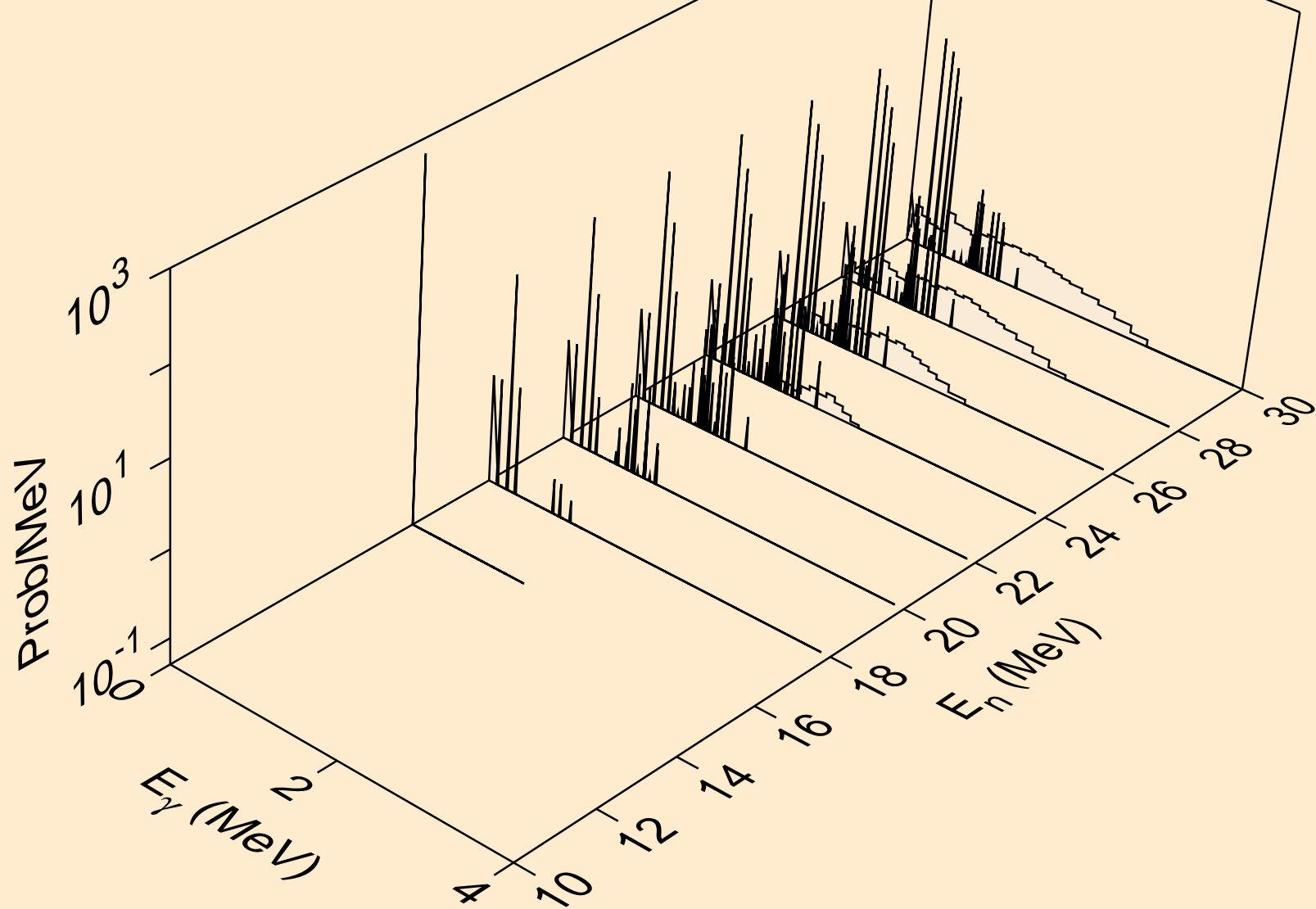
HF168 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



HF168 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)

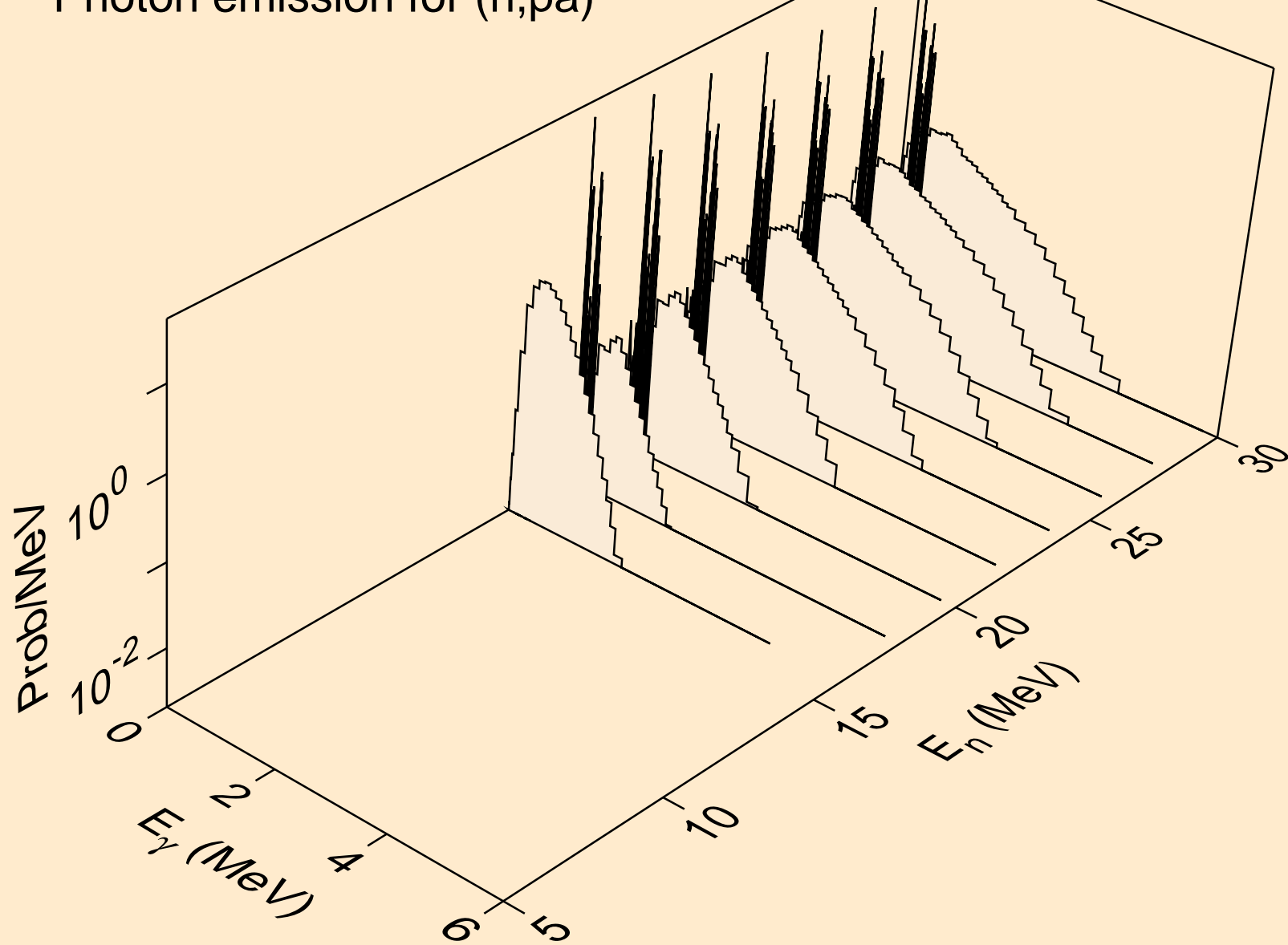


HF168 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



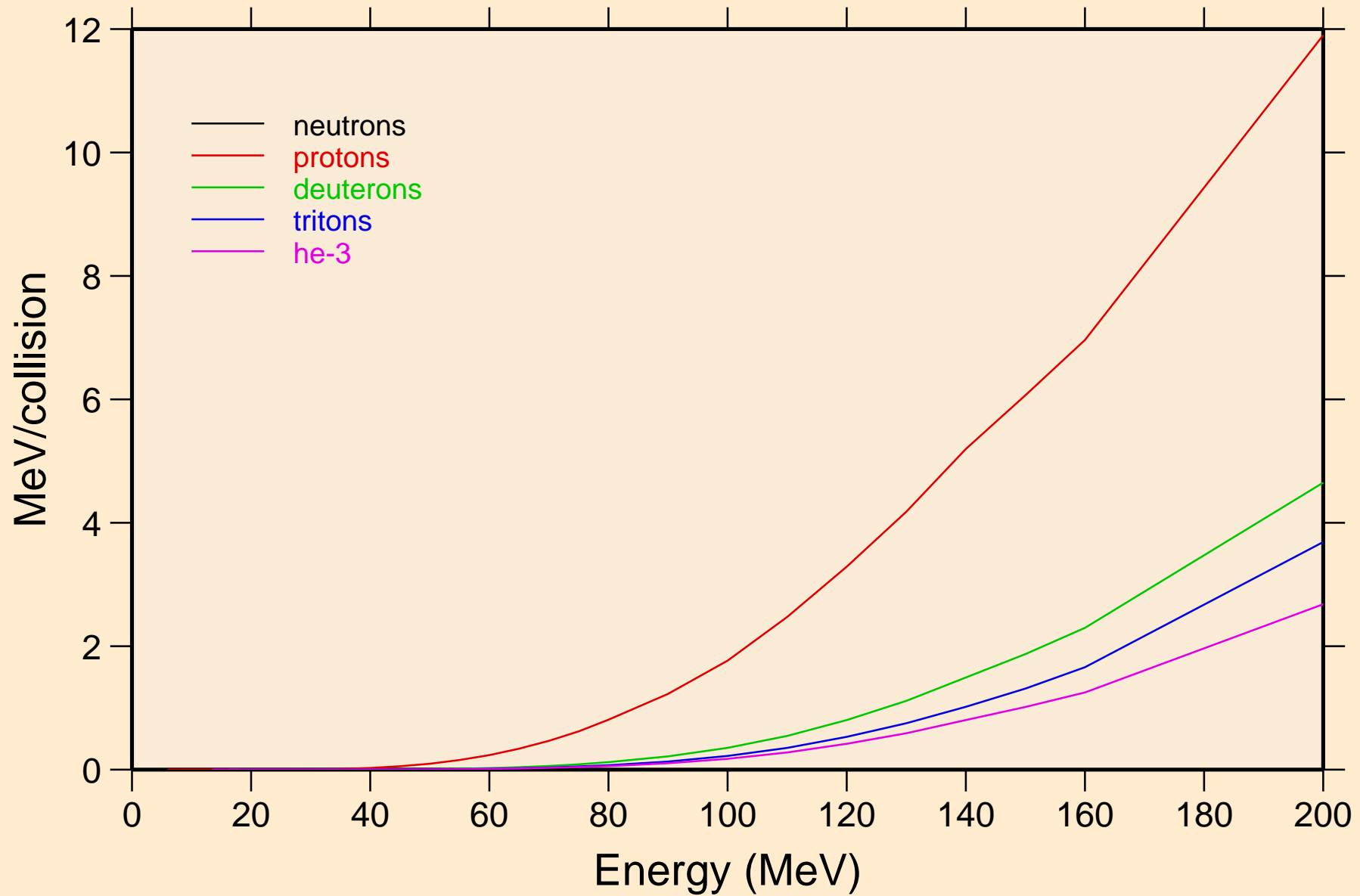


HF168 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)

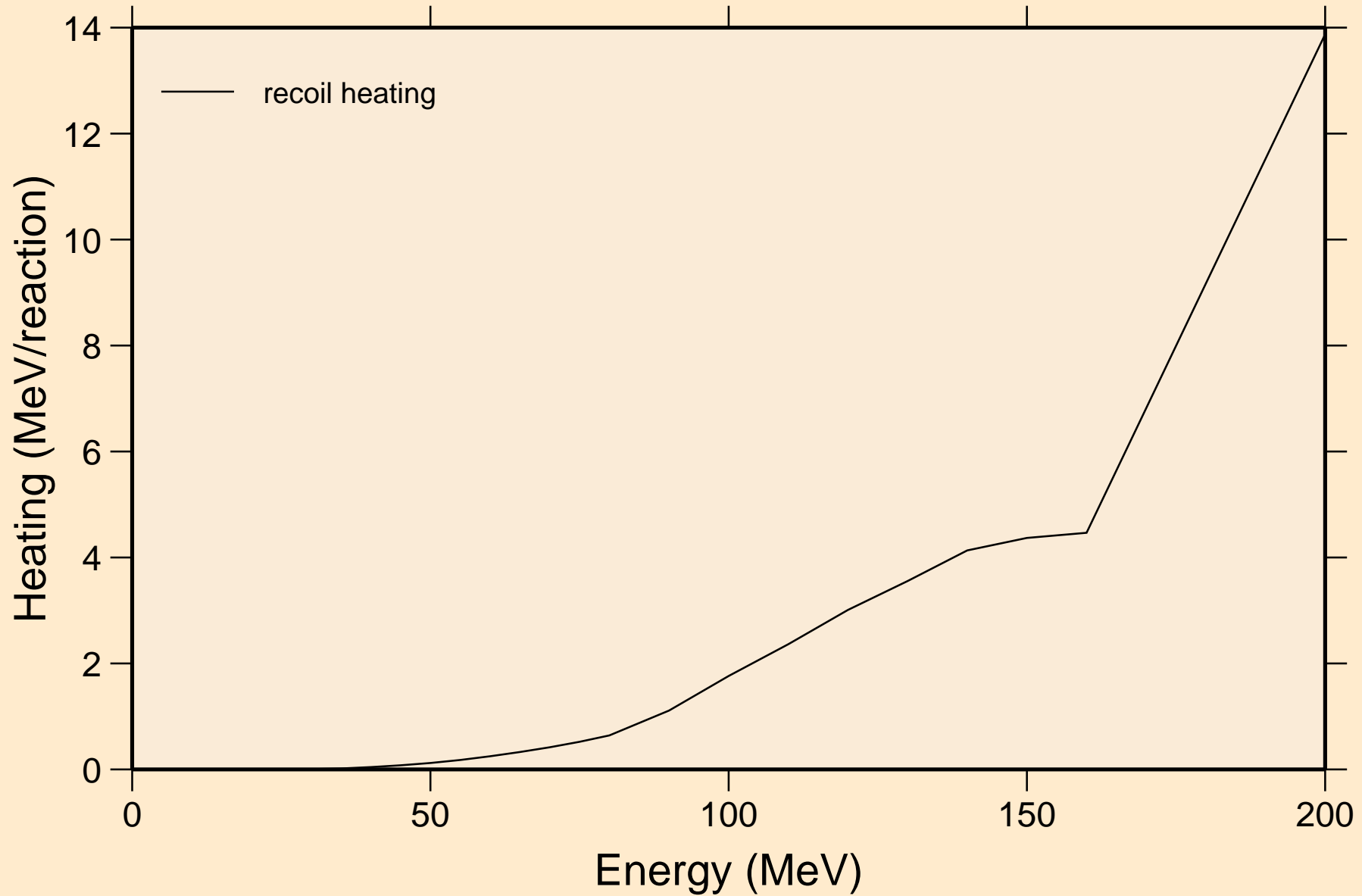


# HF168 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

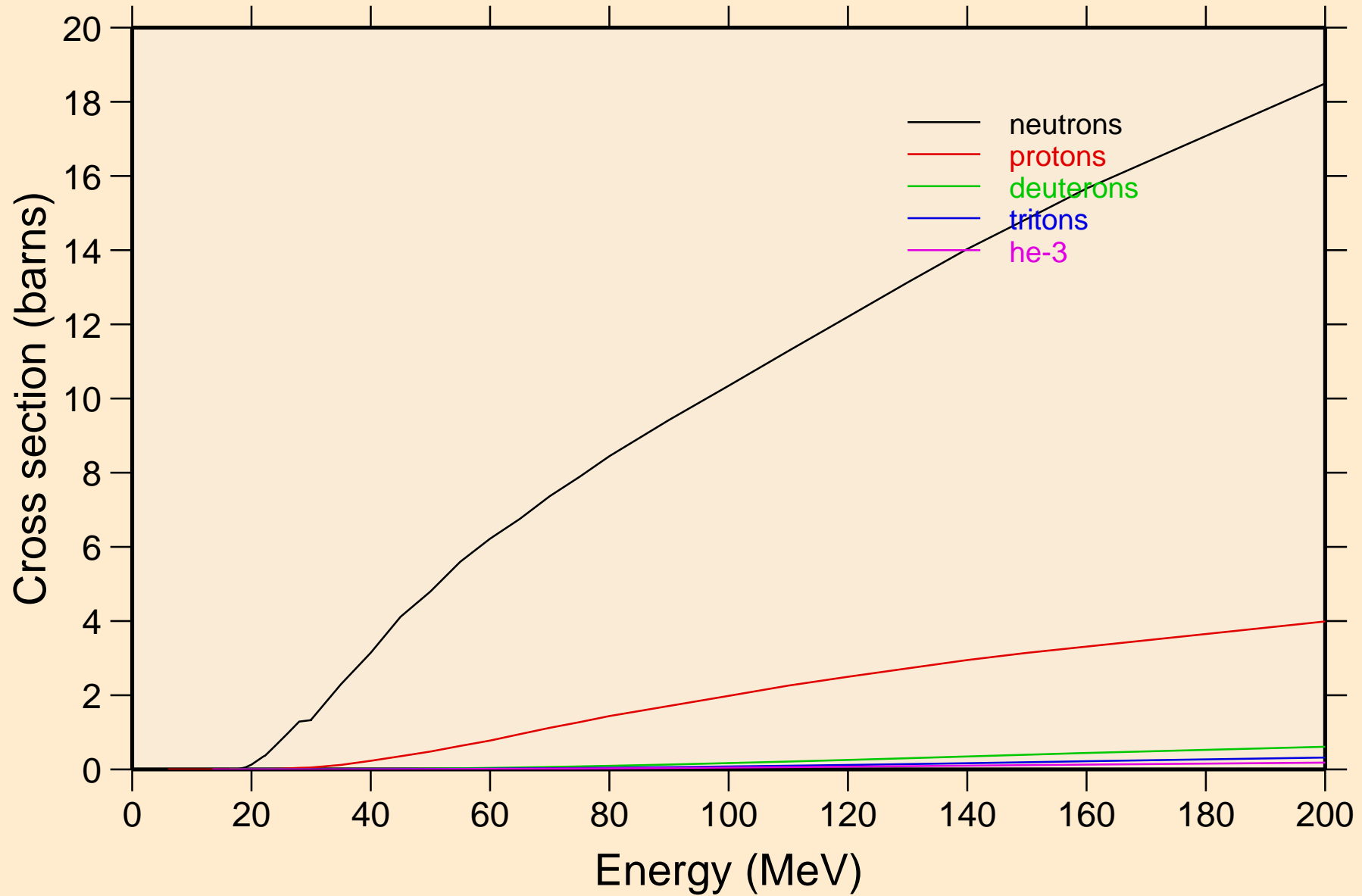
## Particle heating contributions



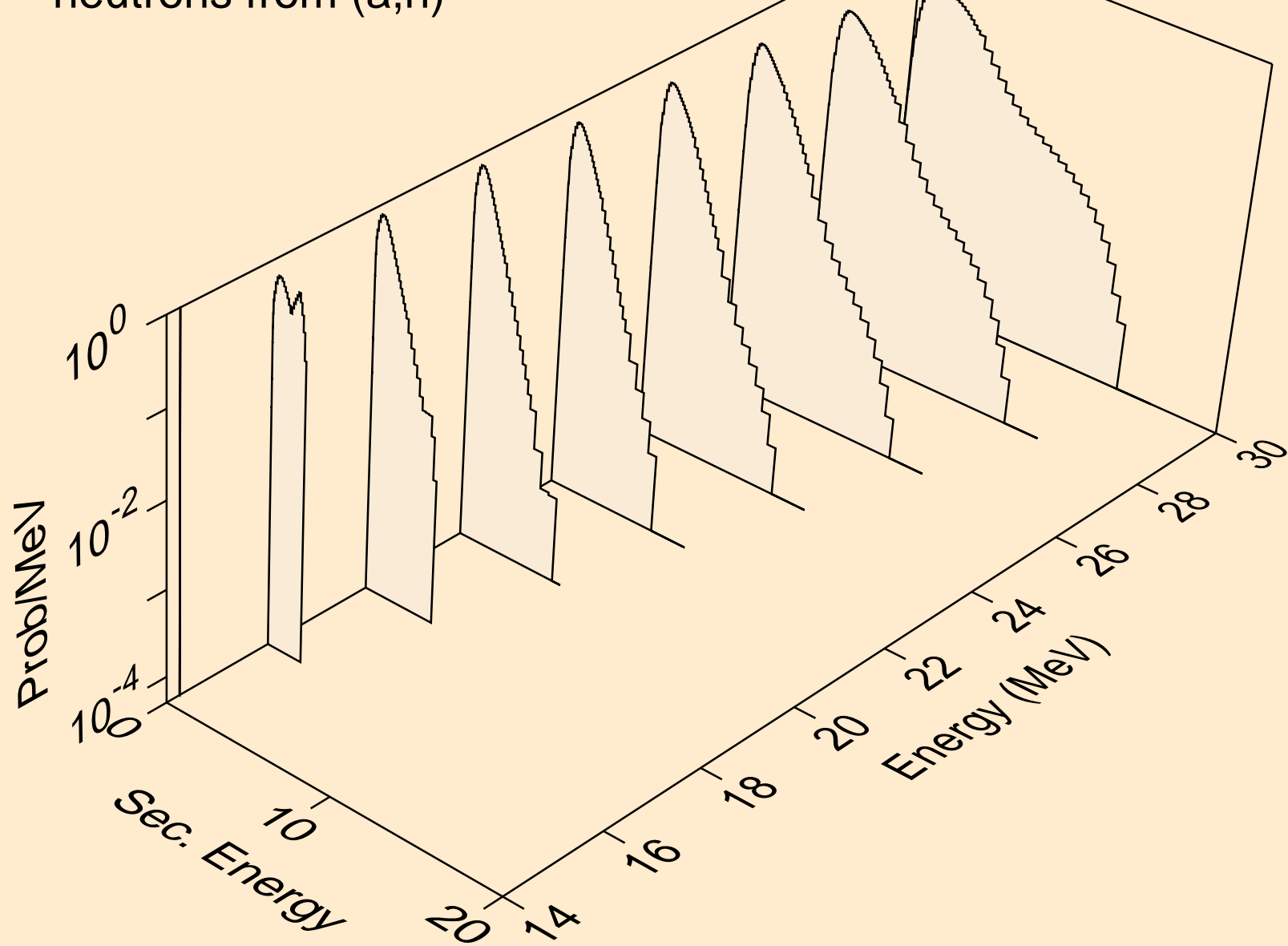
HF168 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



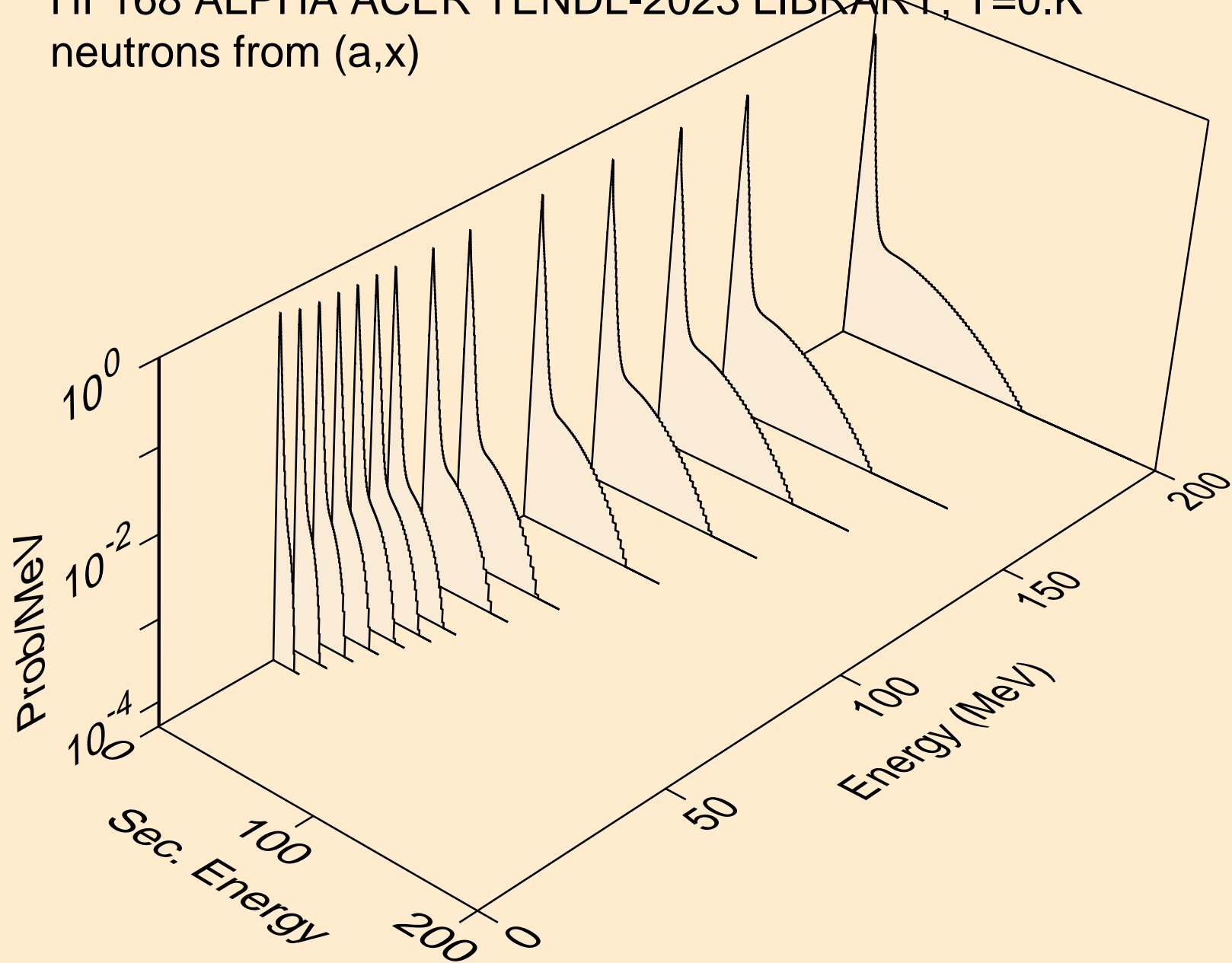
HF168 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



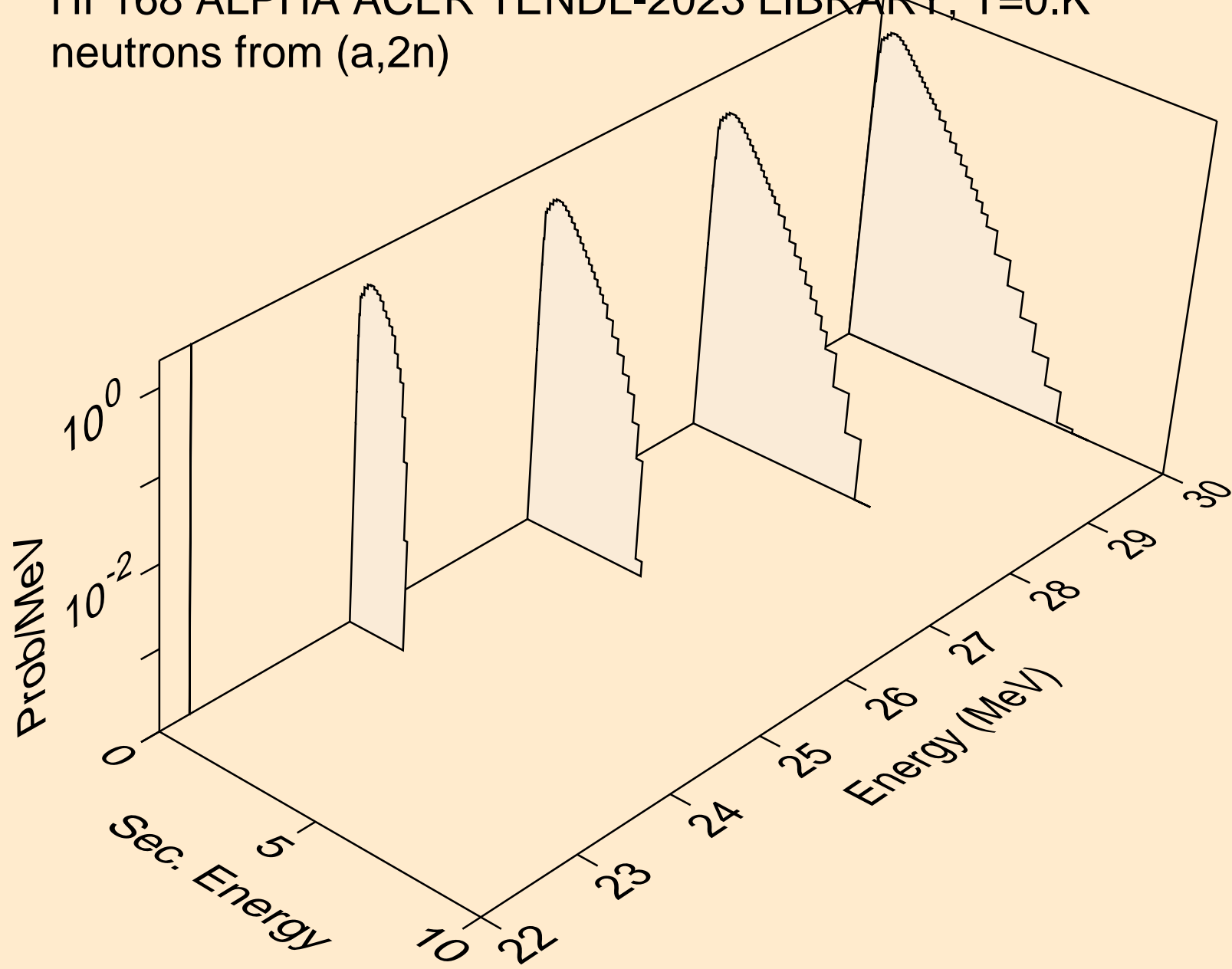
HF168 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)



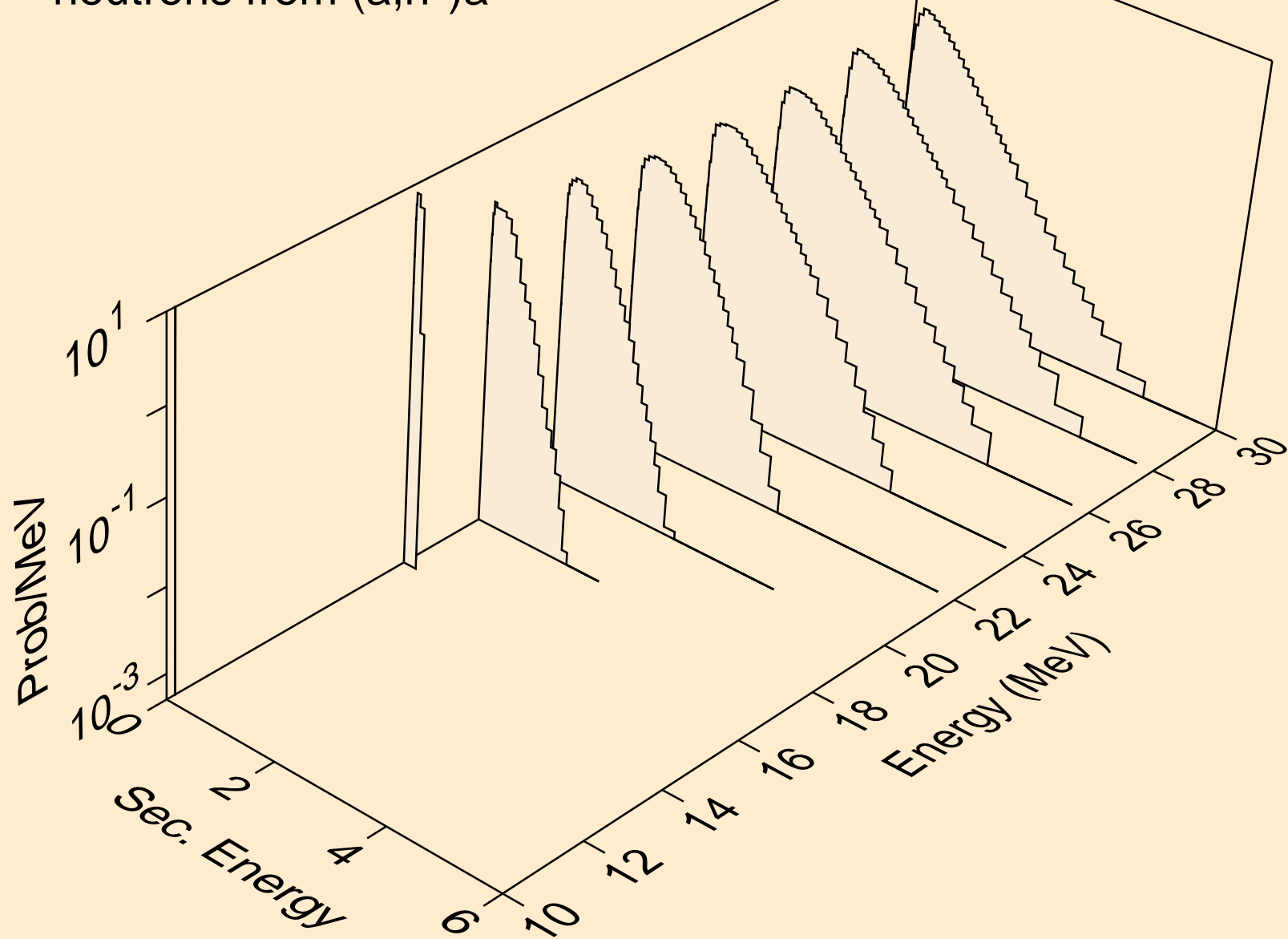
HF168 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)



HF168 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)

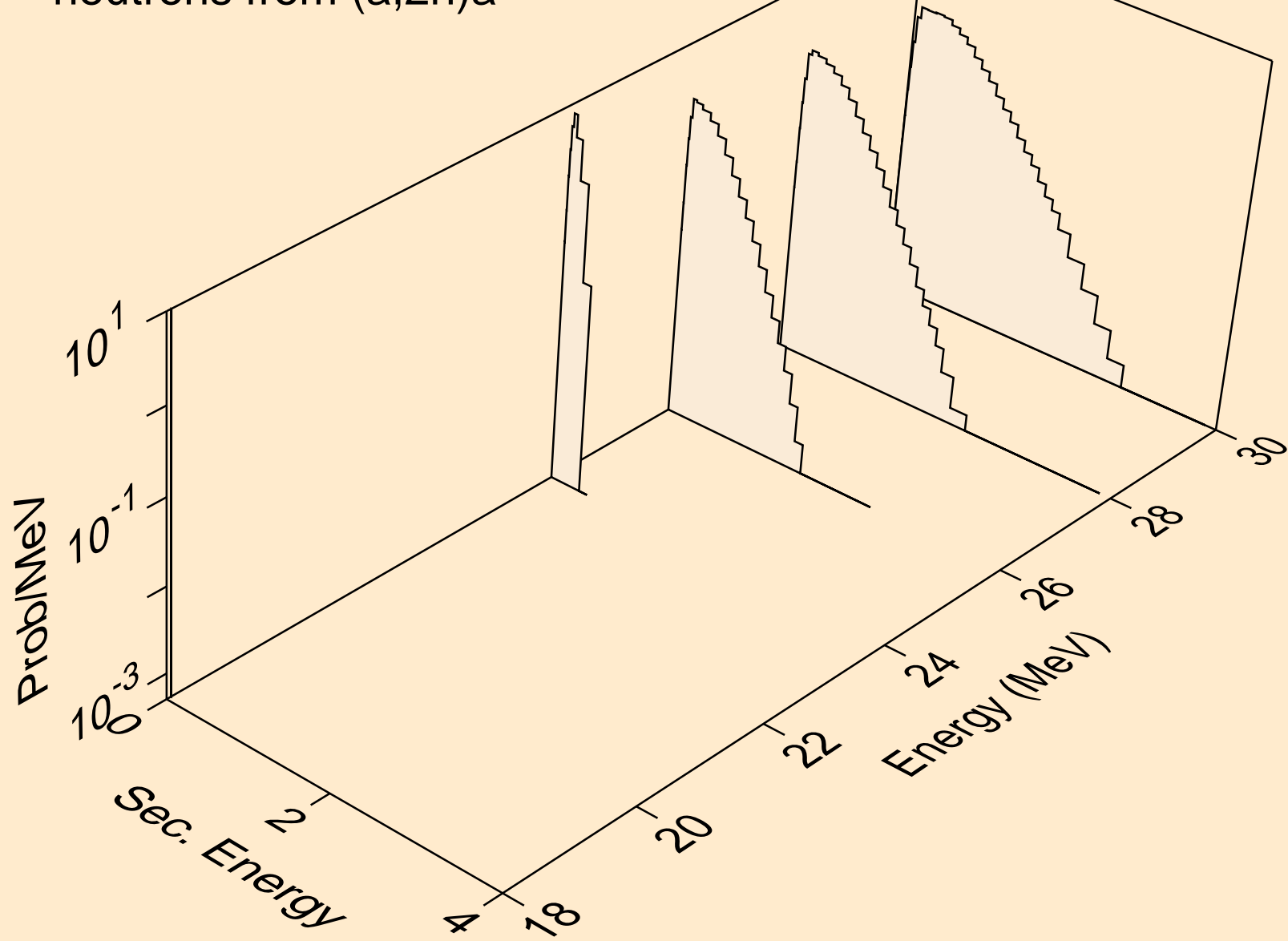


HF168 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a

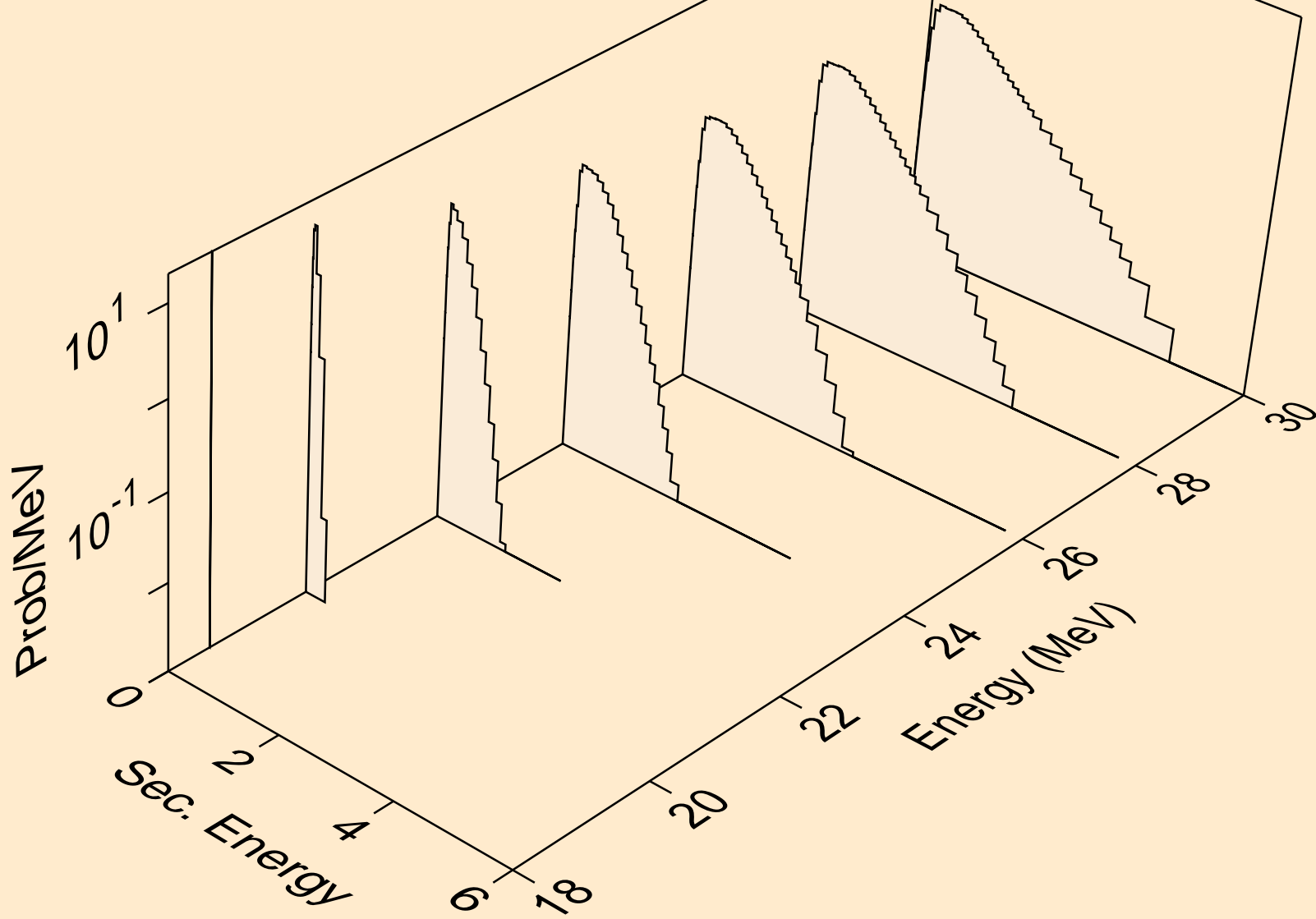




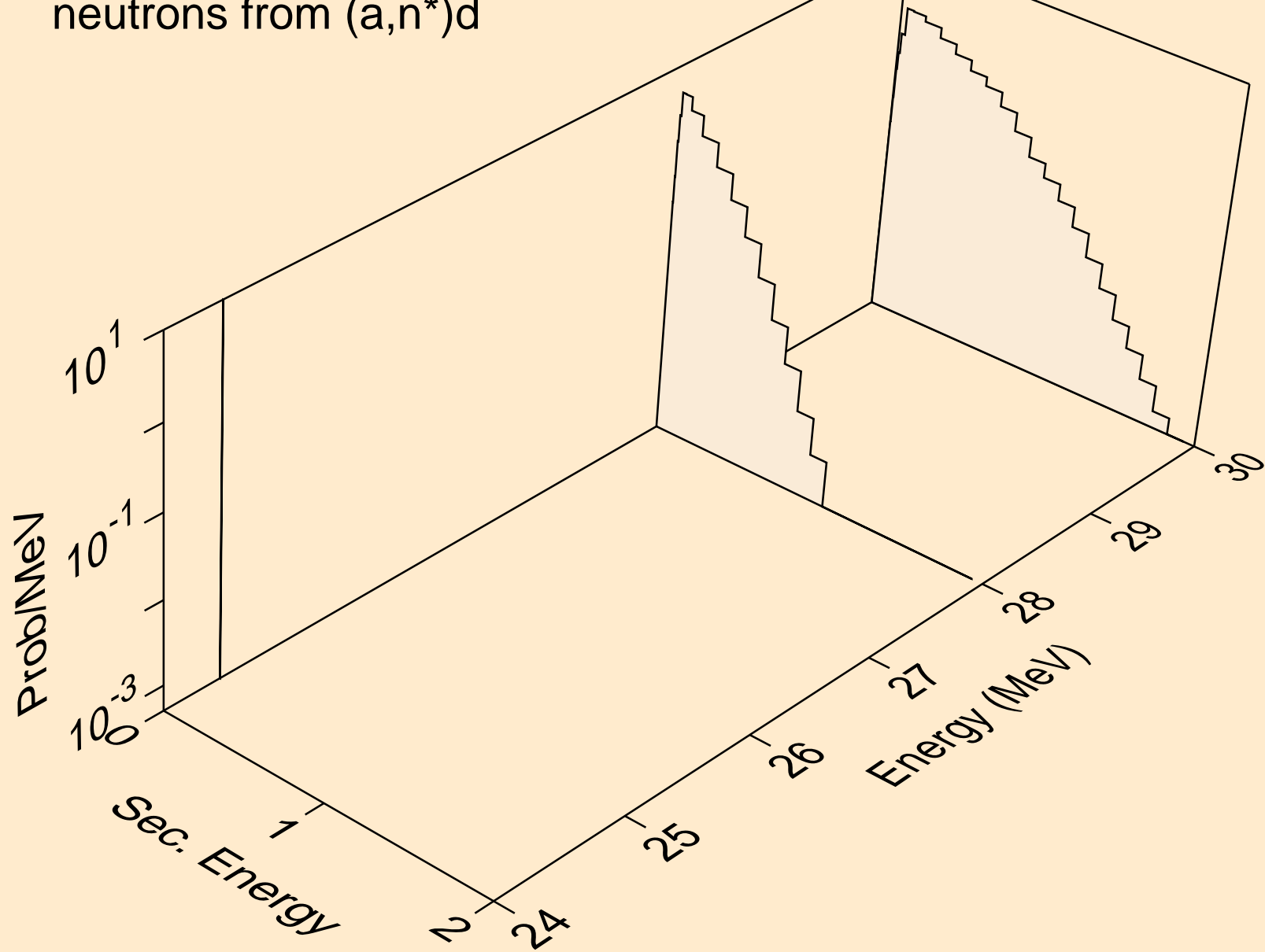
HF168 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)a



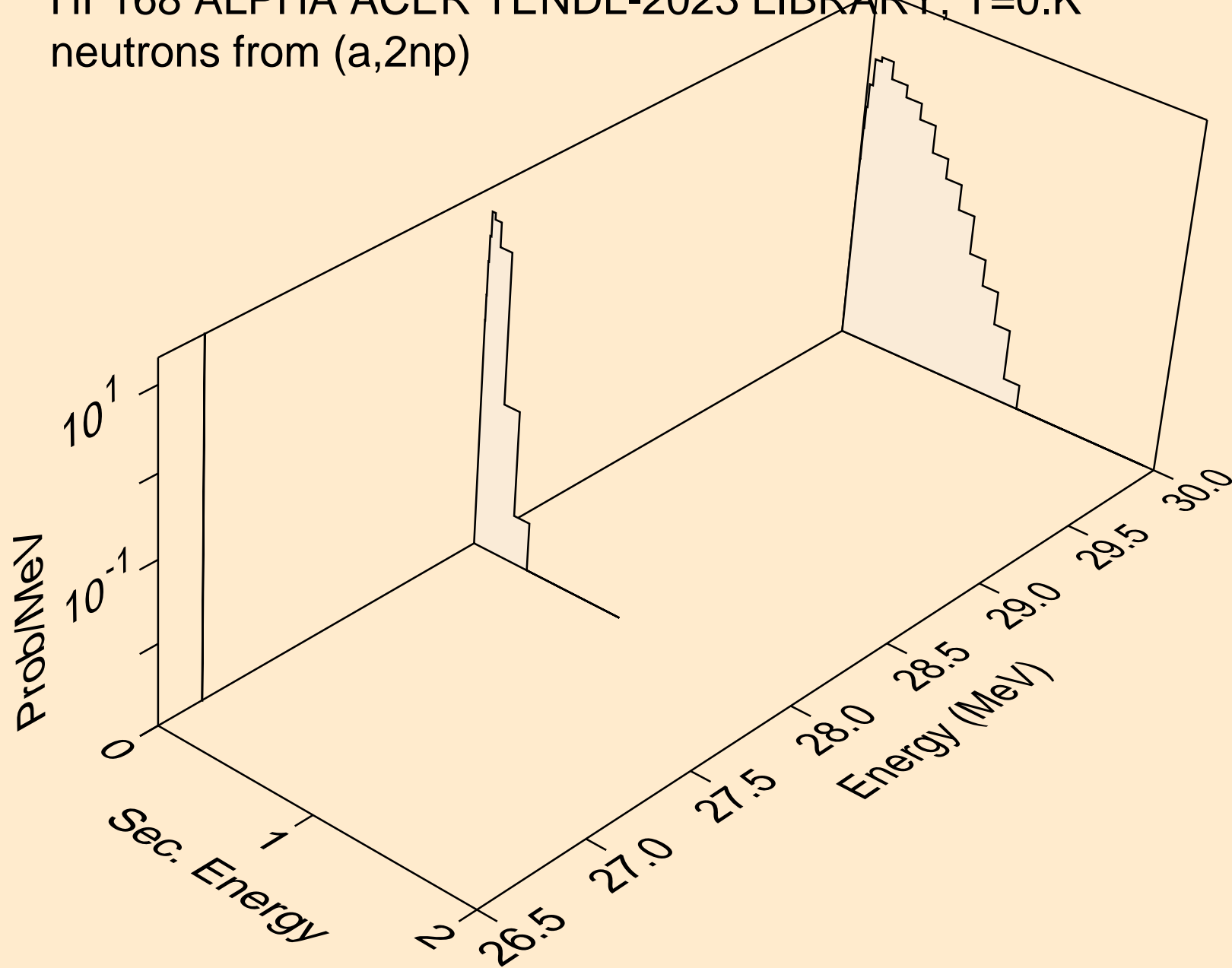
HF168 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)p



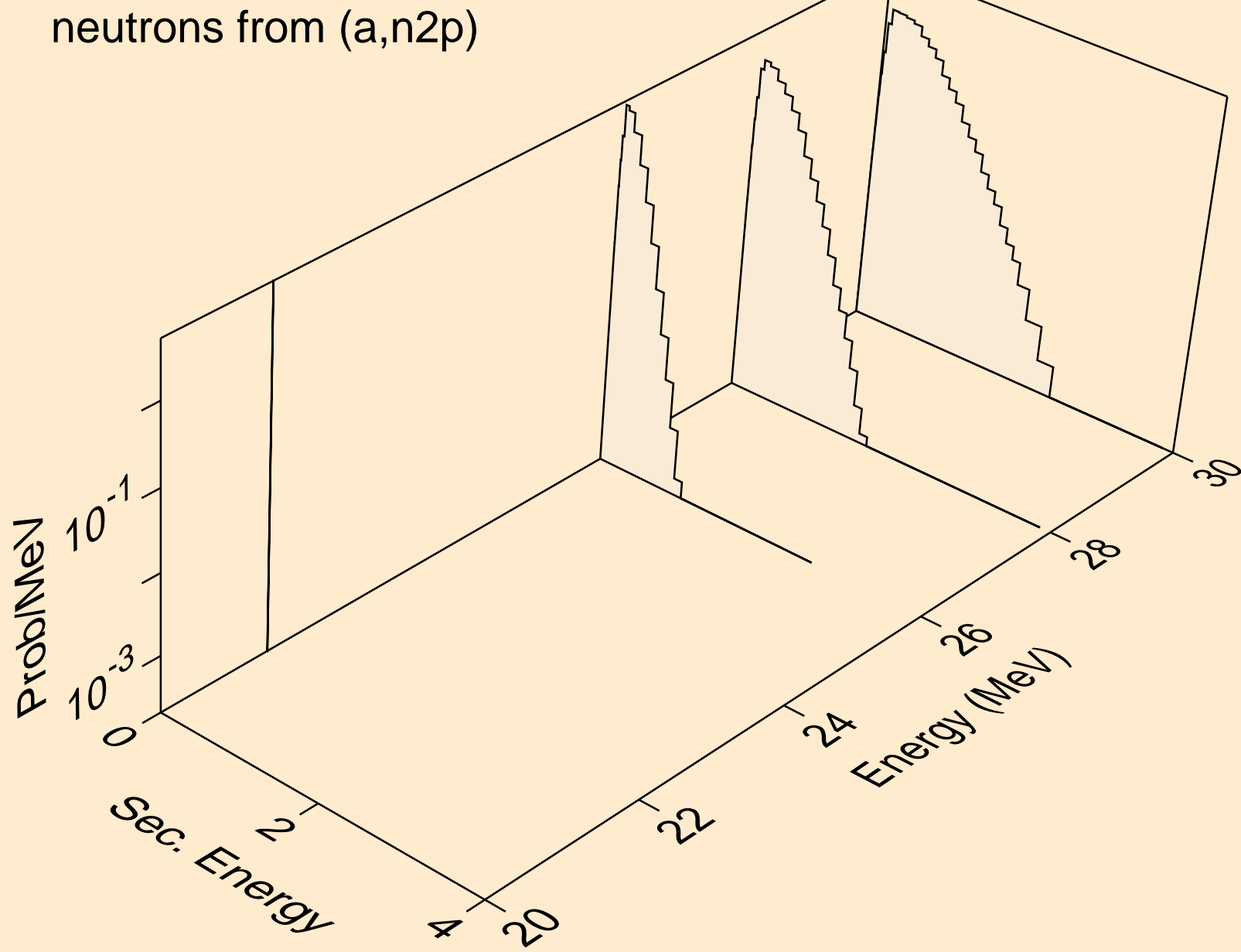
HF168 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)d



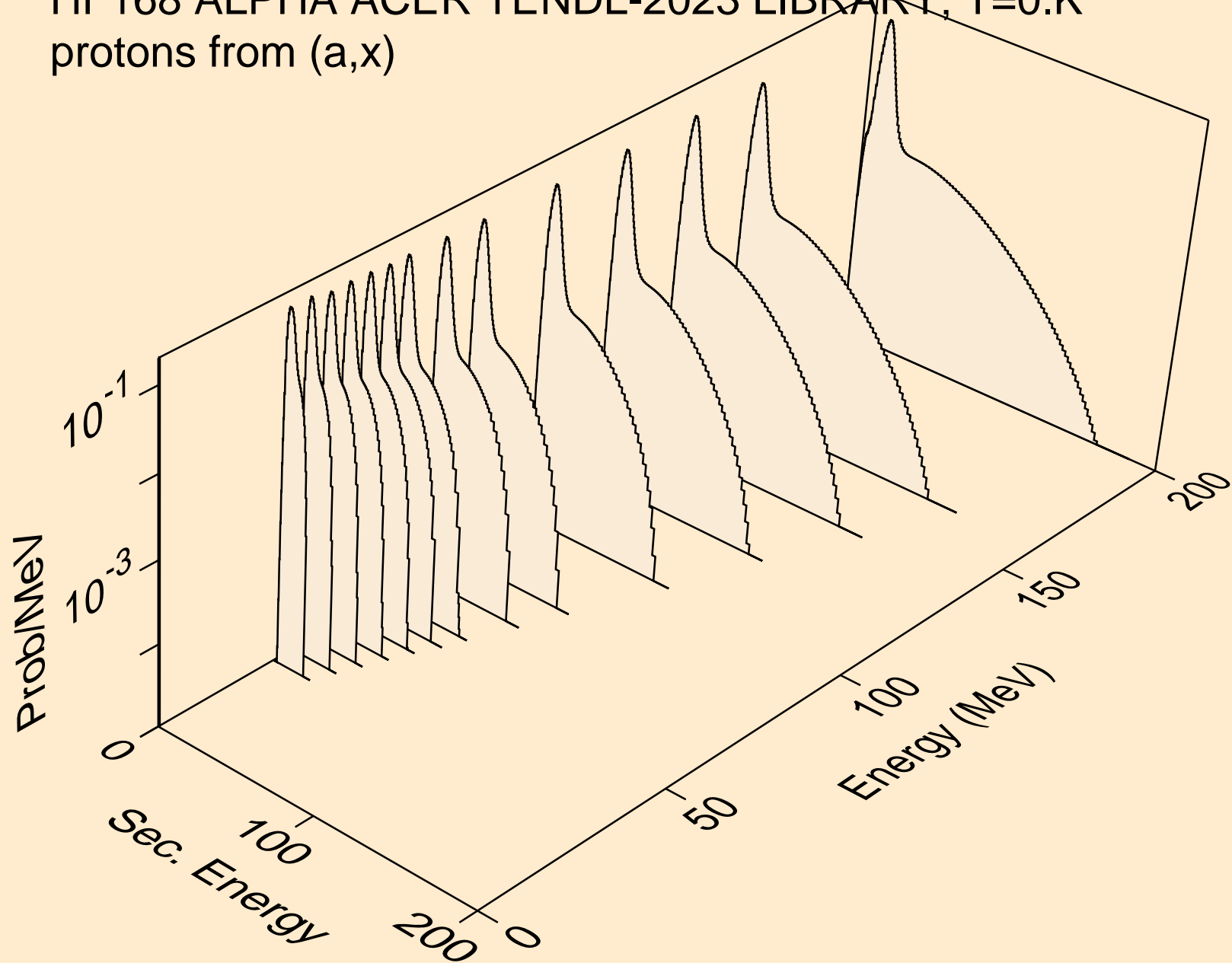
HF168 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2np)



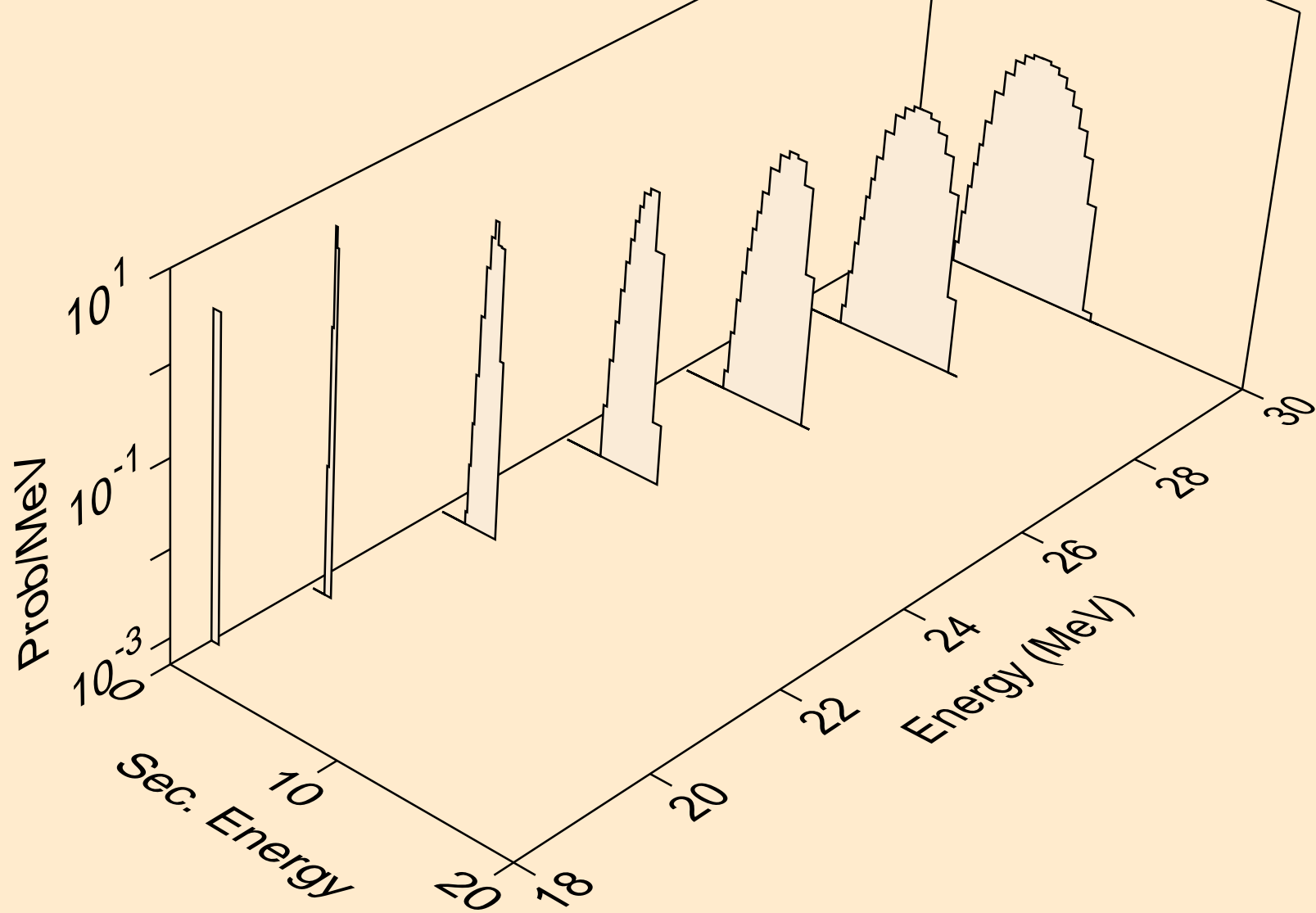
HF168 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n2p)



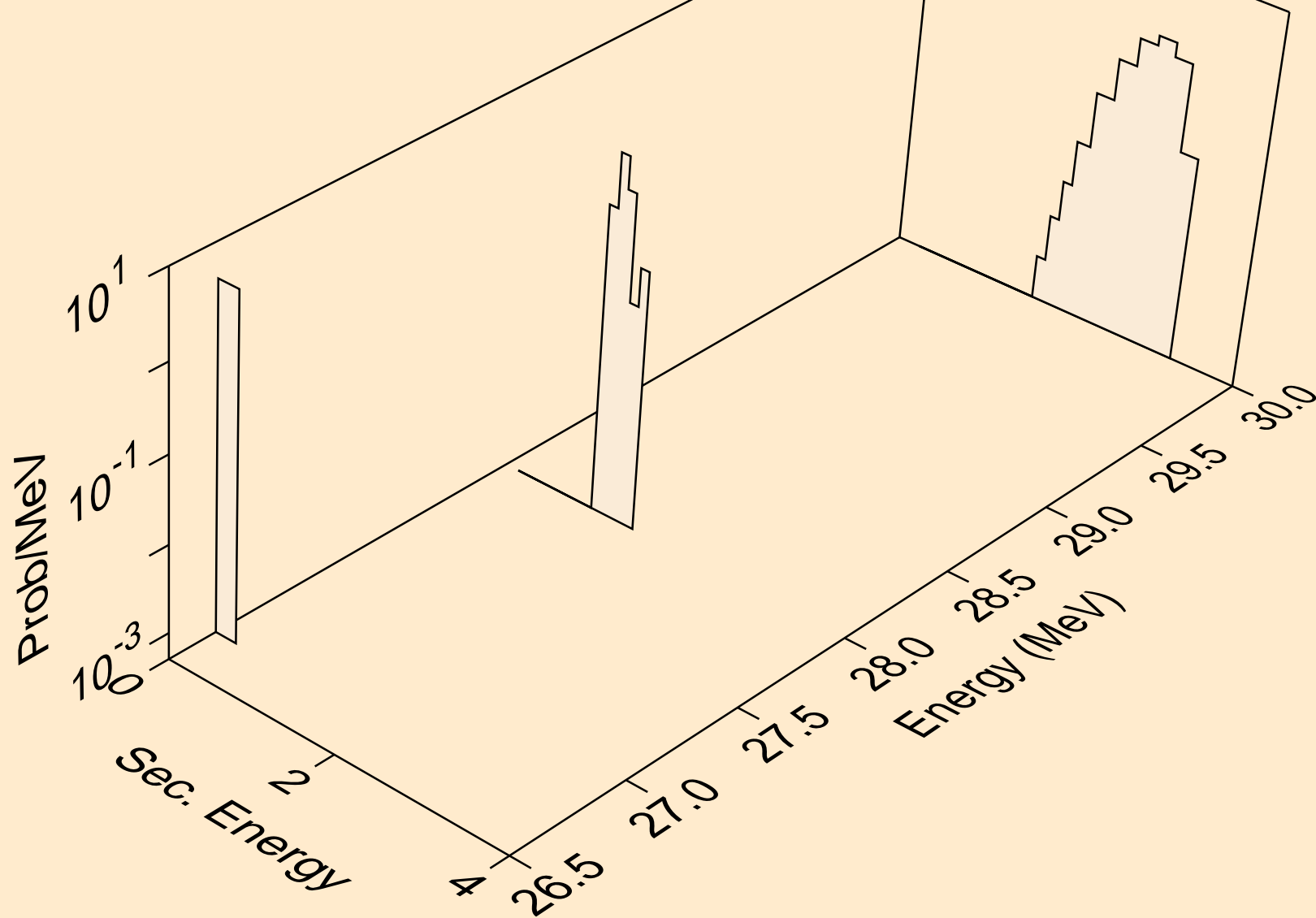
HF168 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,x)



HF168 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n\*)p

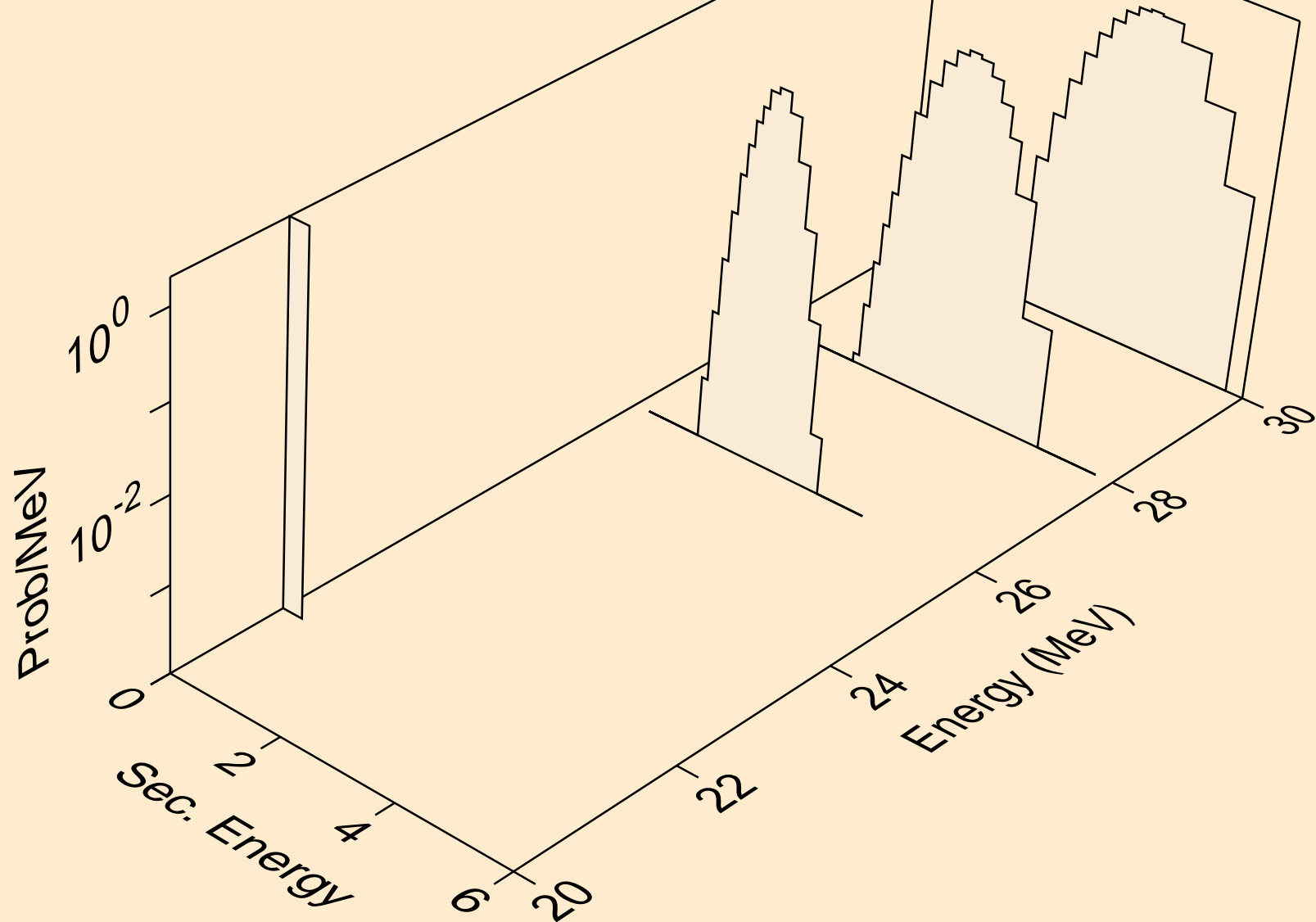


HF168 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2np)

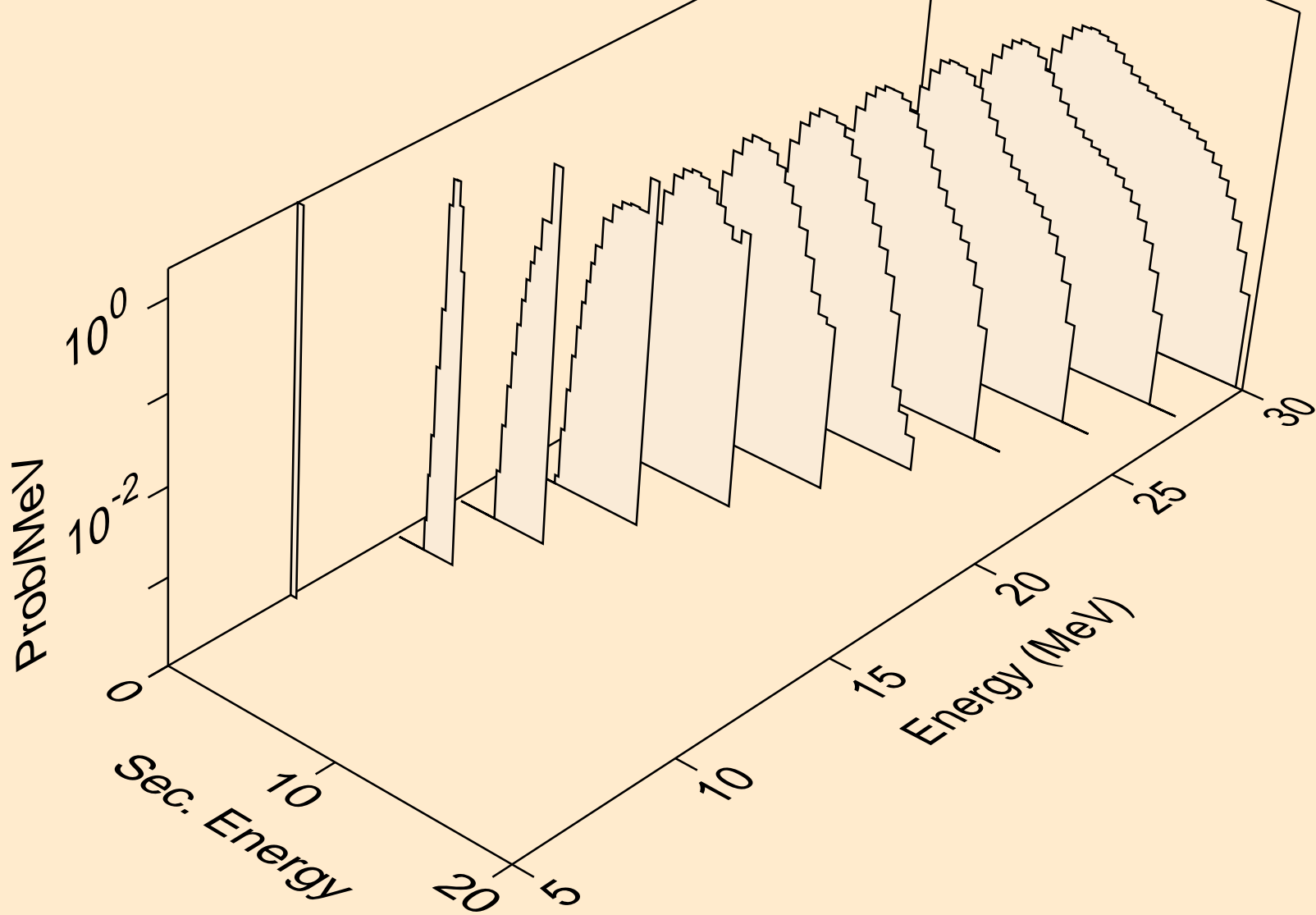




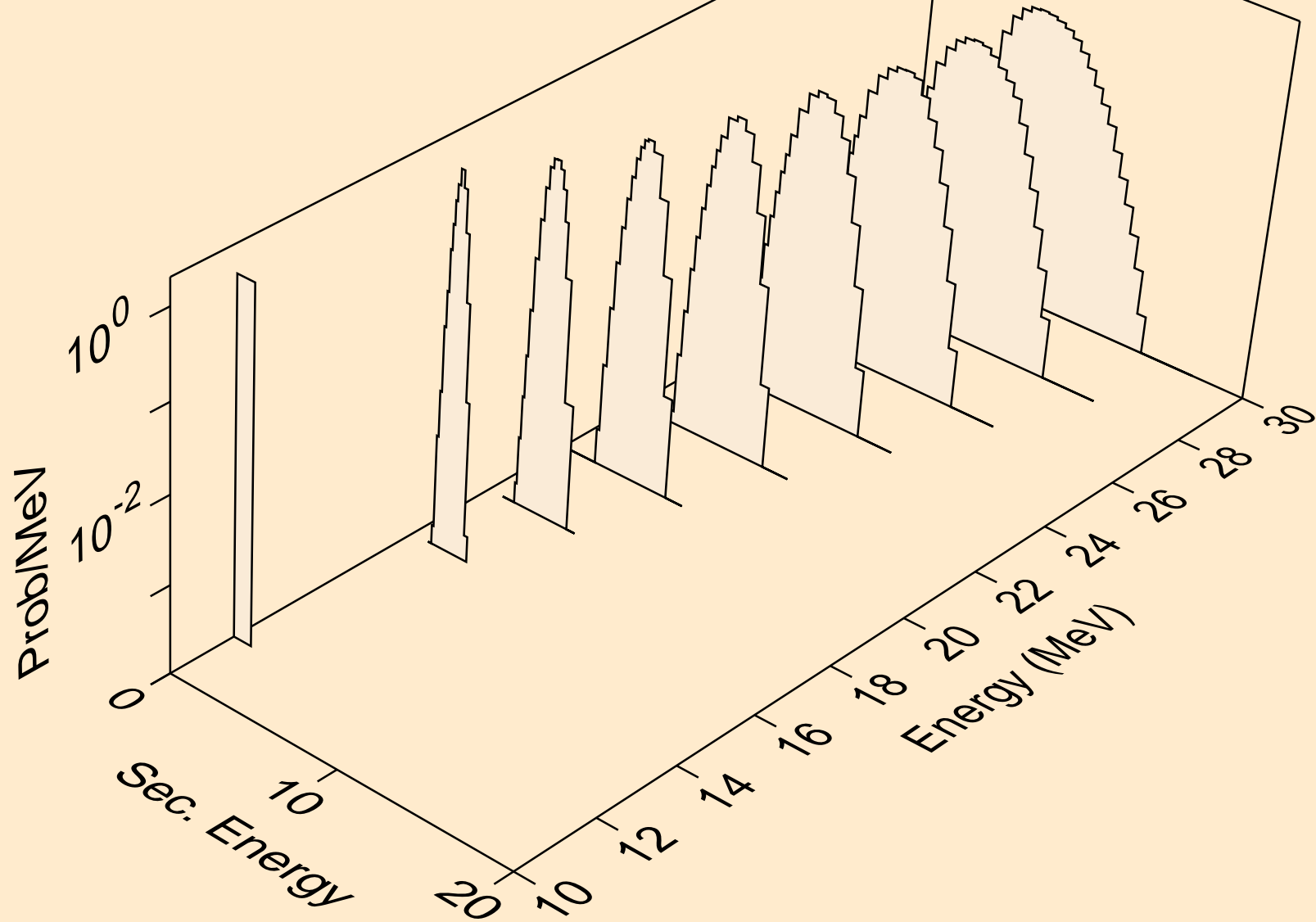
HF168 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n2p)



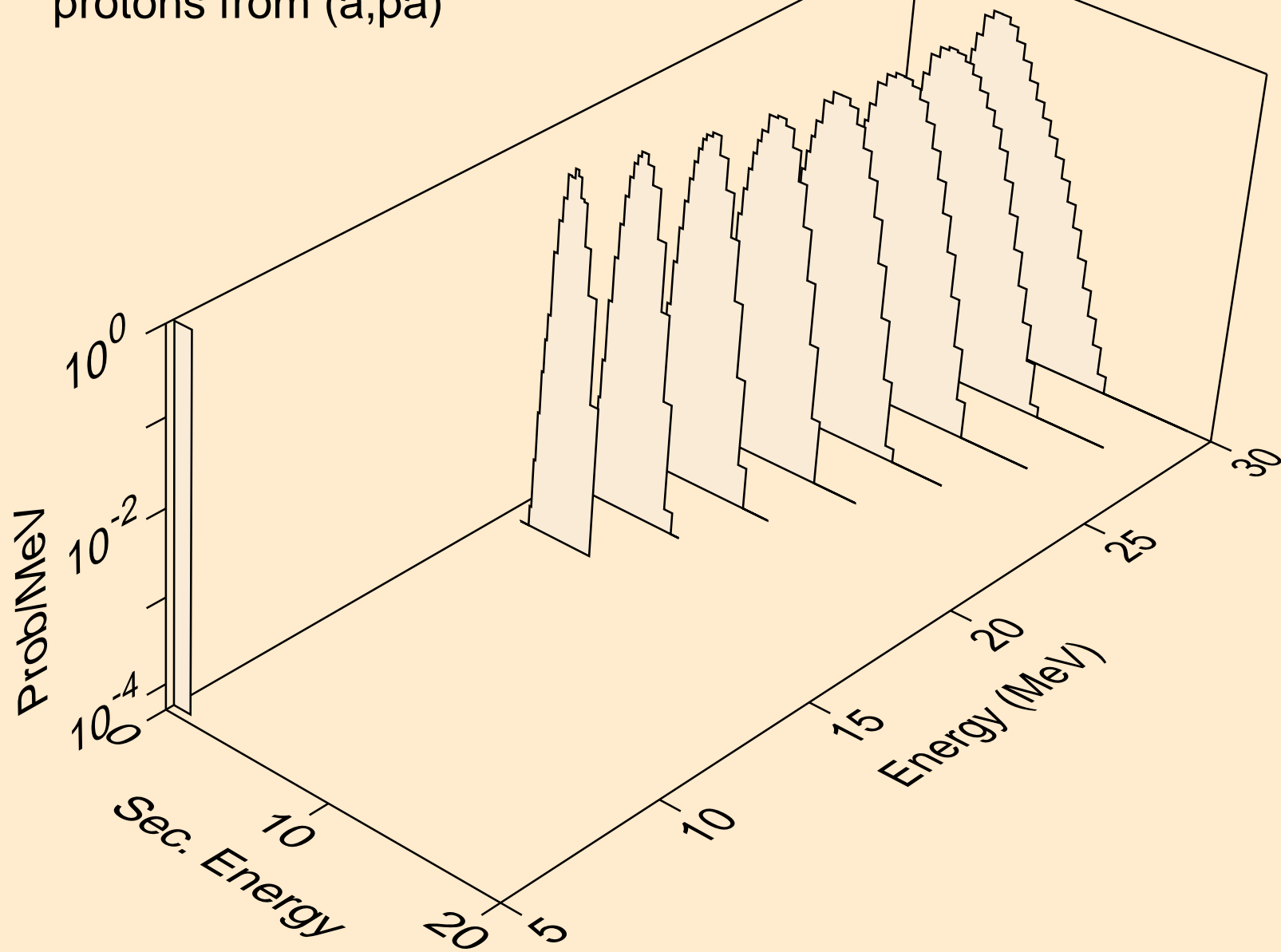
HF168 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,p)



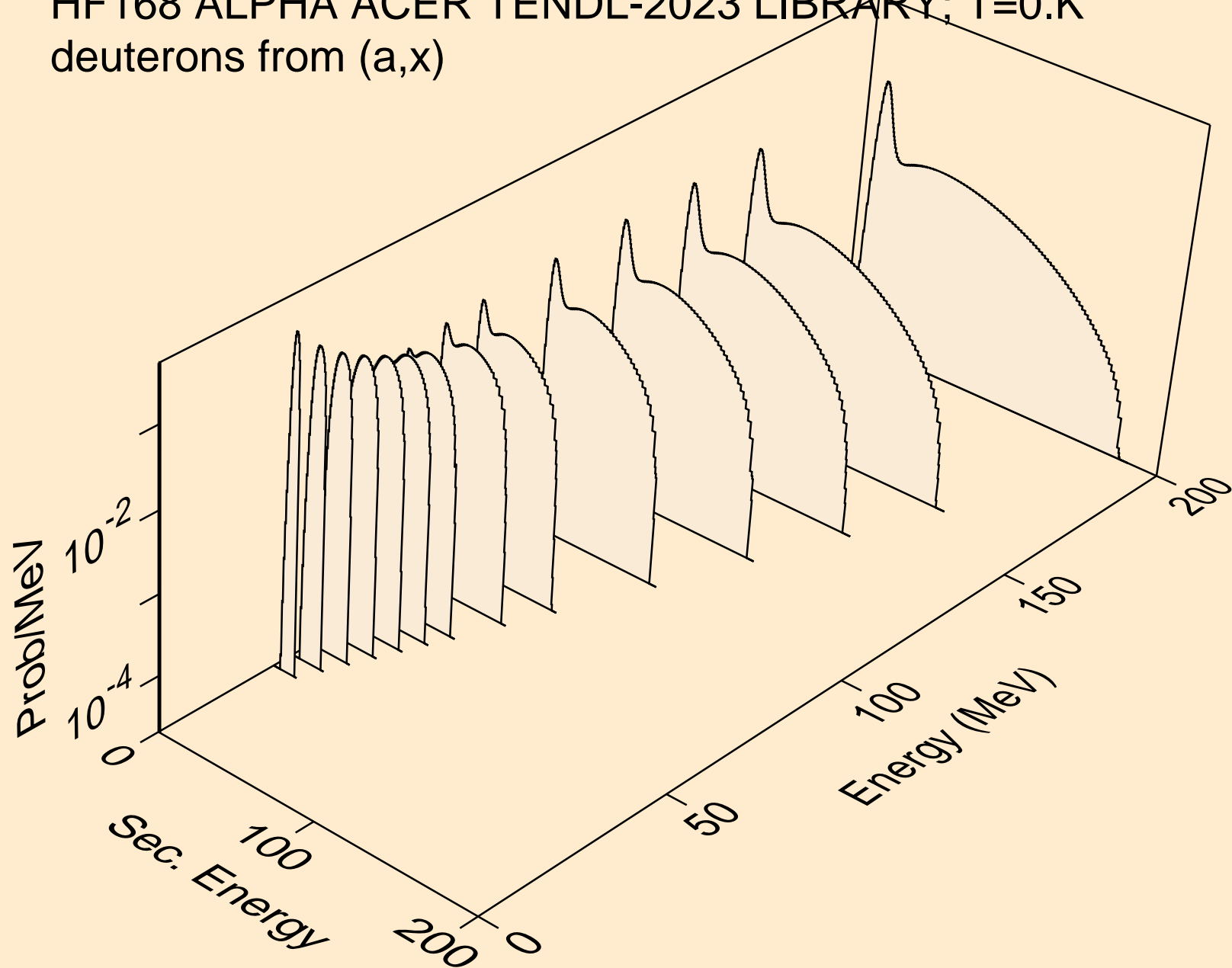
HF168 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2p)



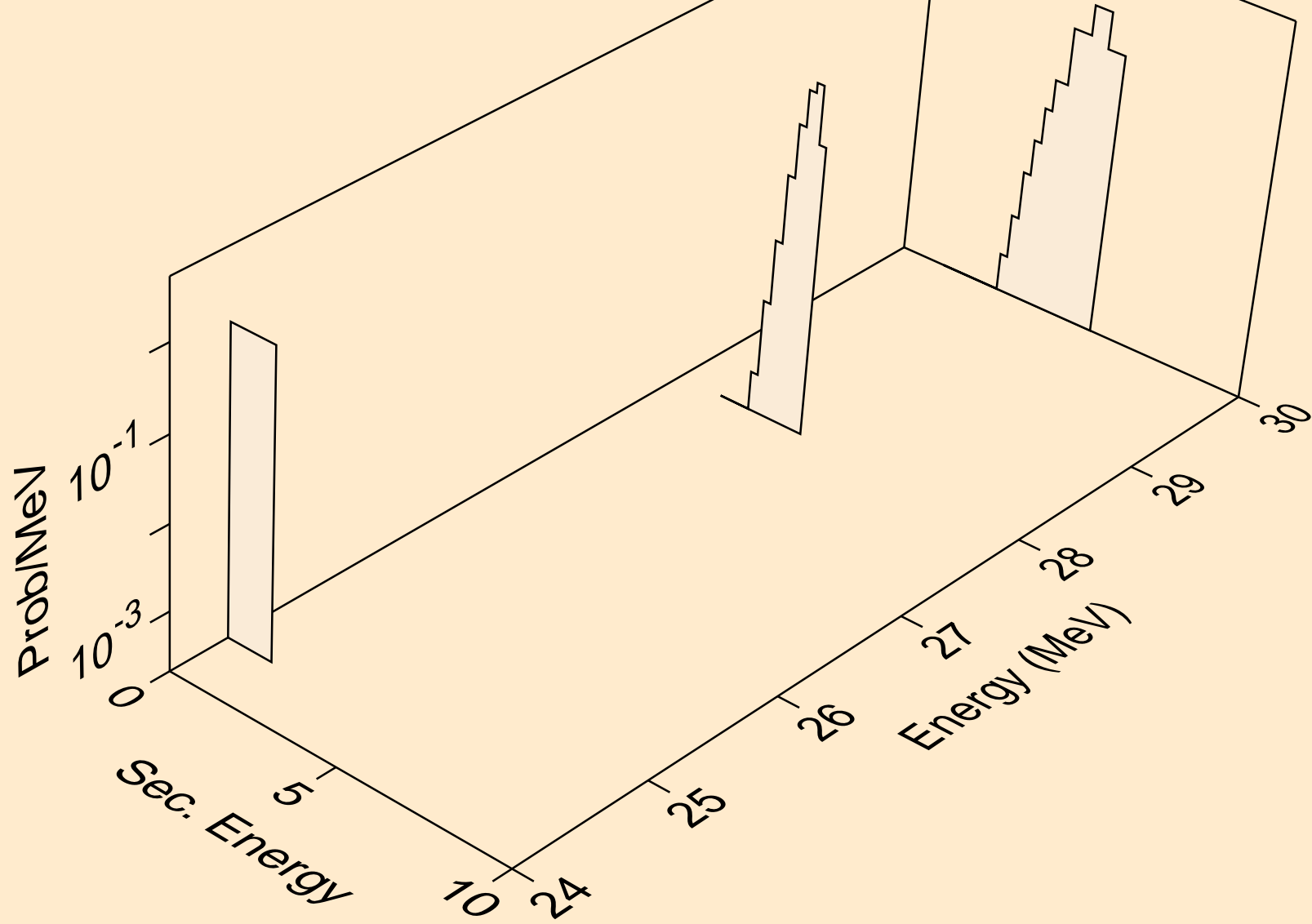
HF168 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pa)



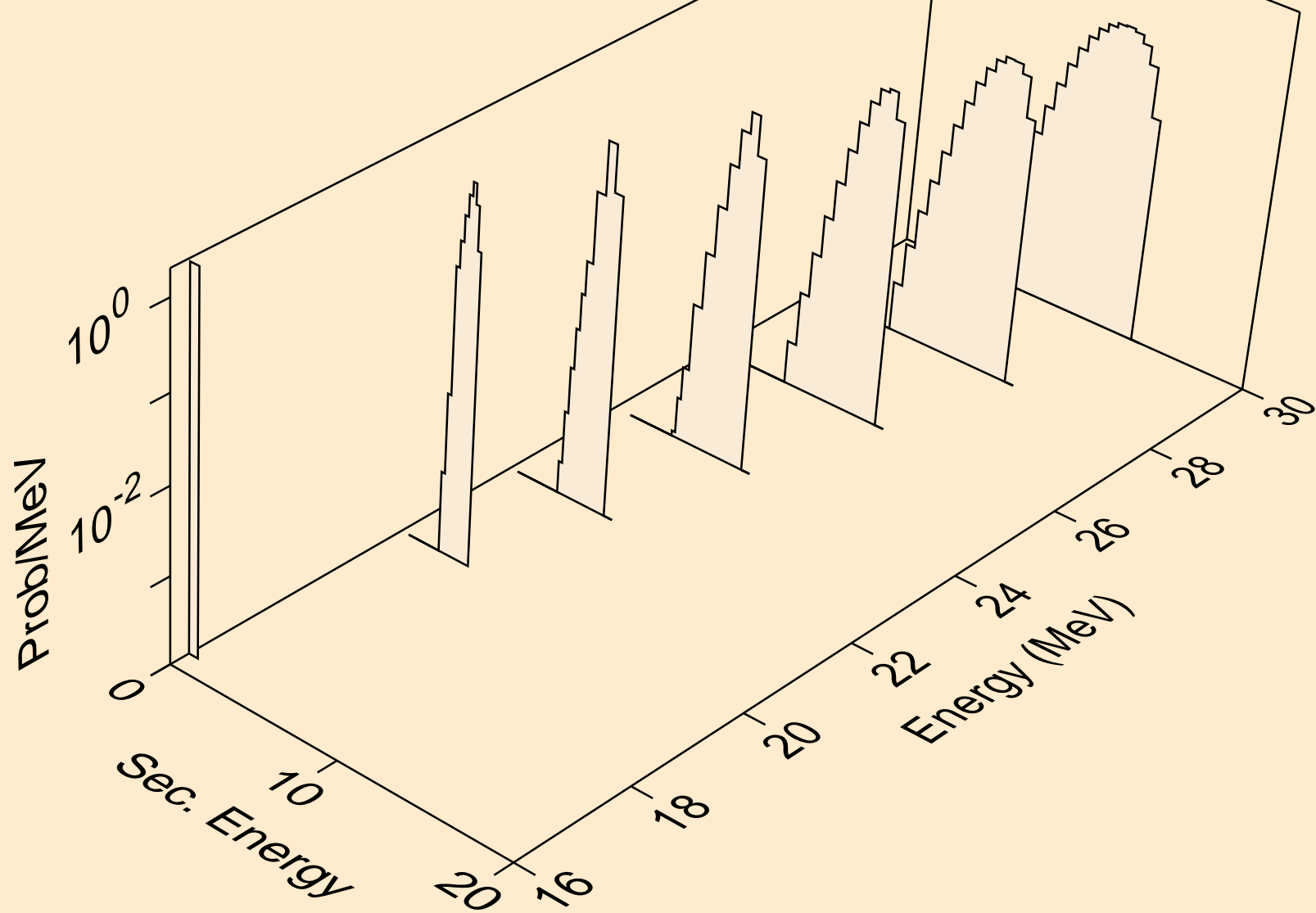
HF168 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)



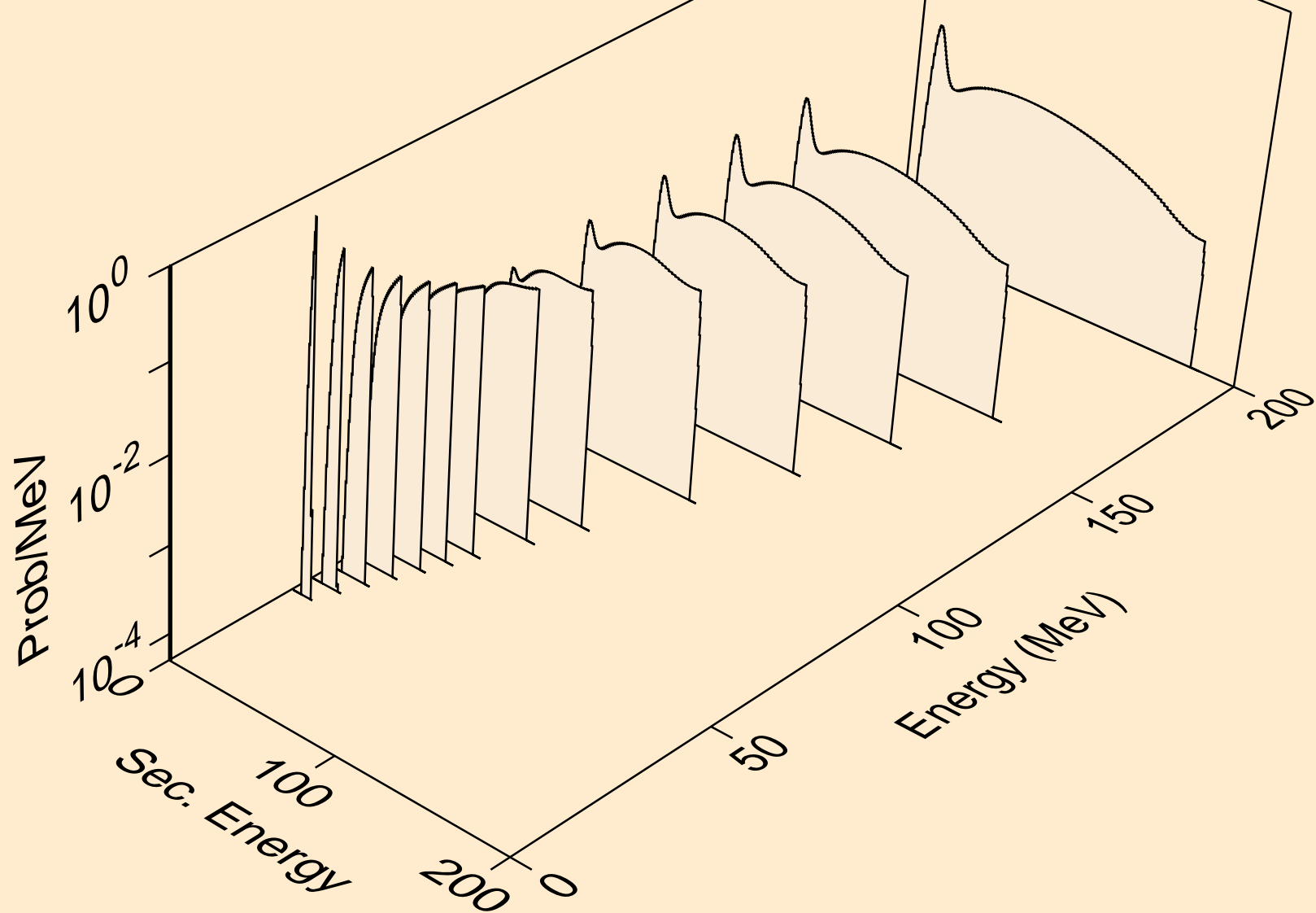
HF168 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,n\*)d



HF168 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,d)

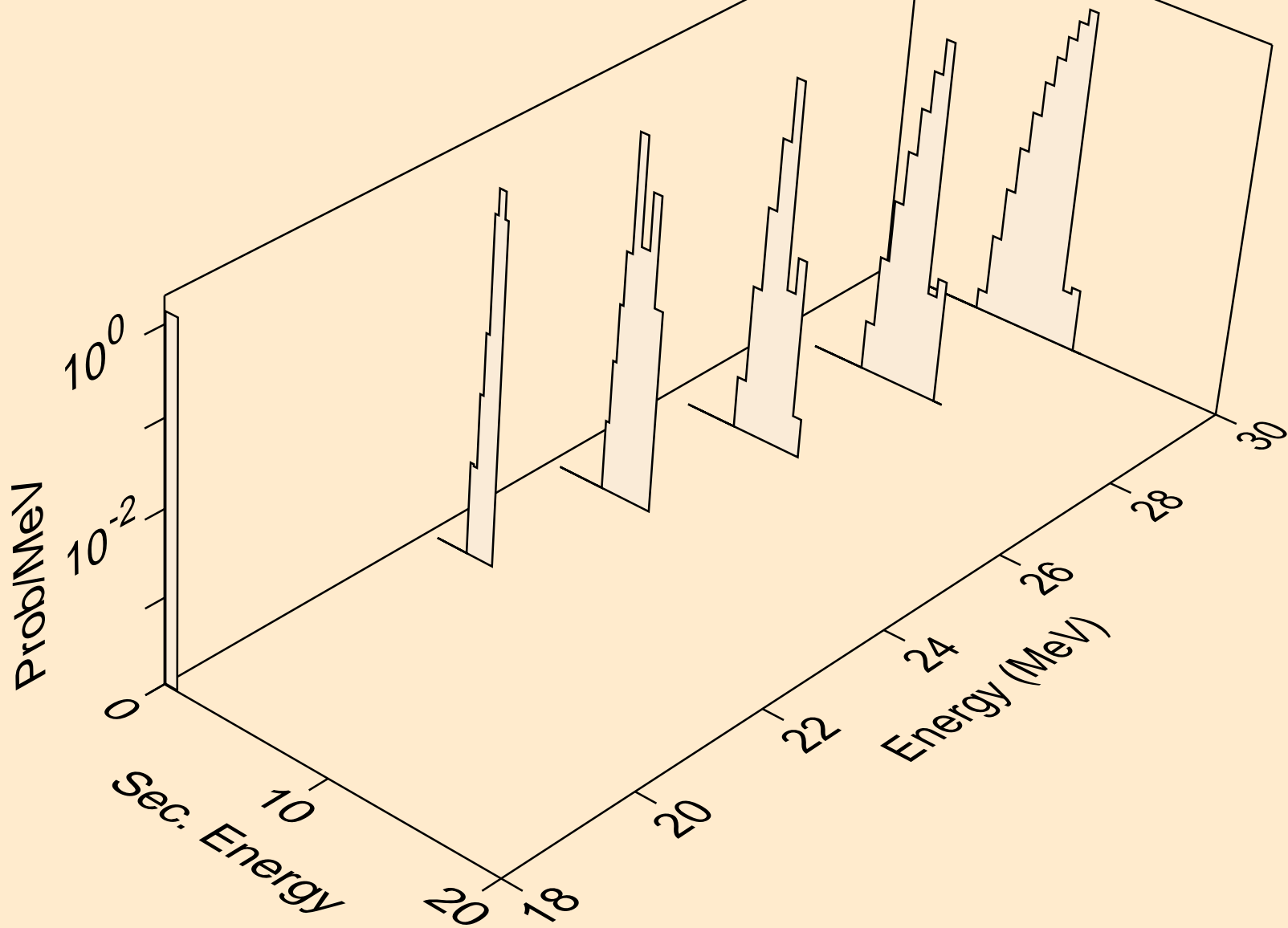


HF168 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)

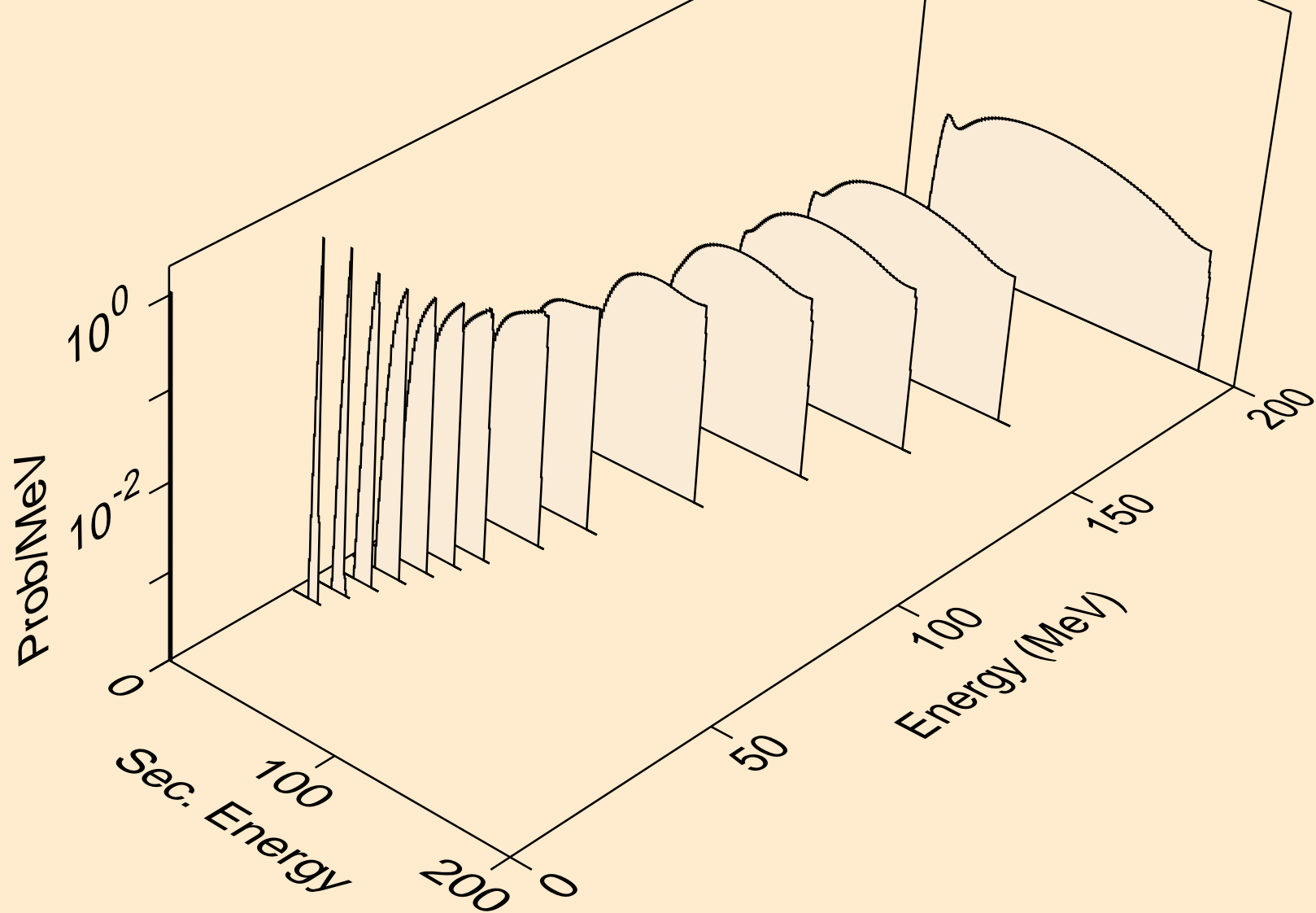




HF168 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)



HF168 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



HF168 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

