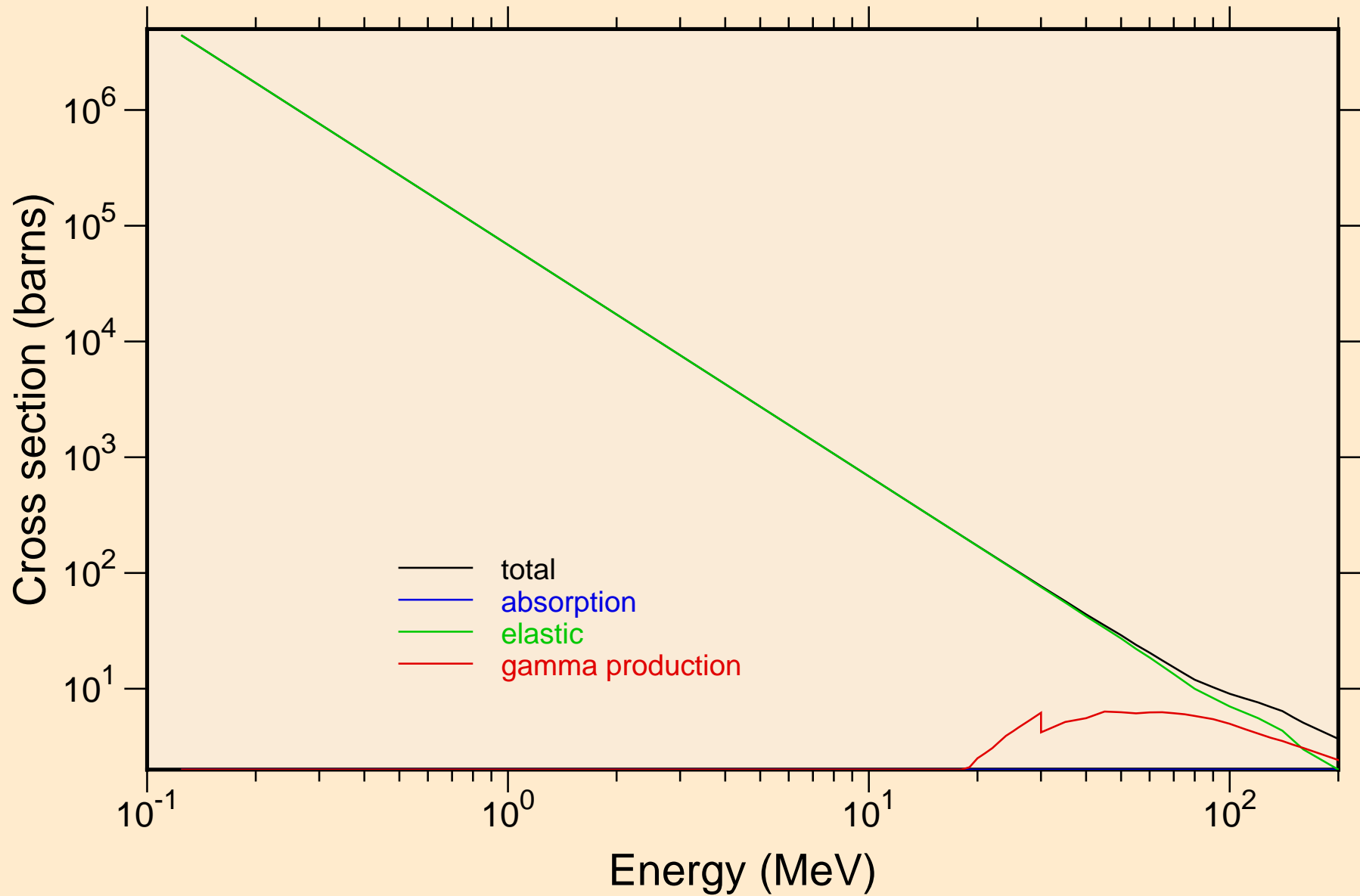


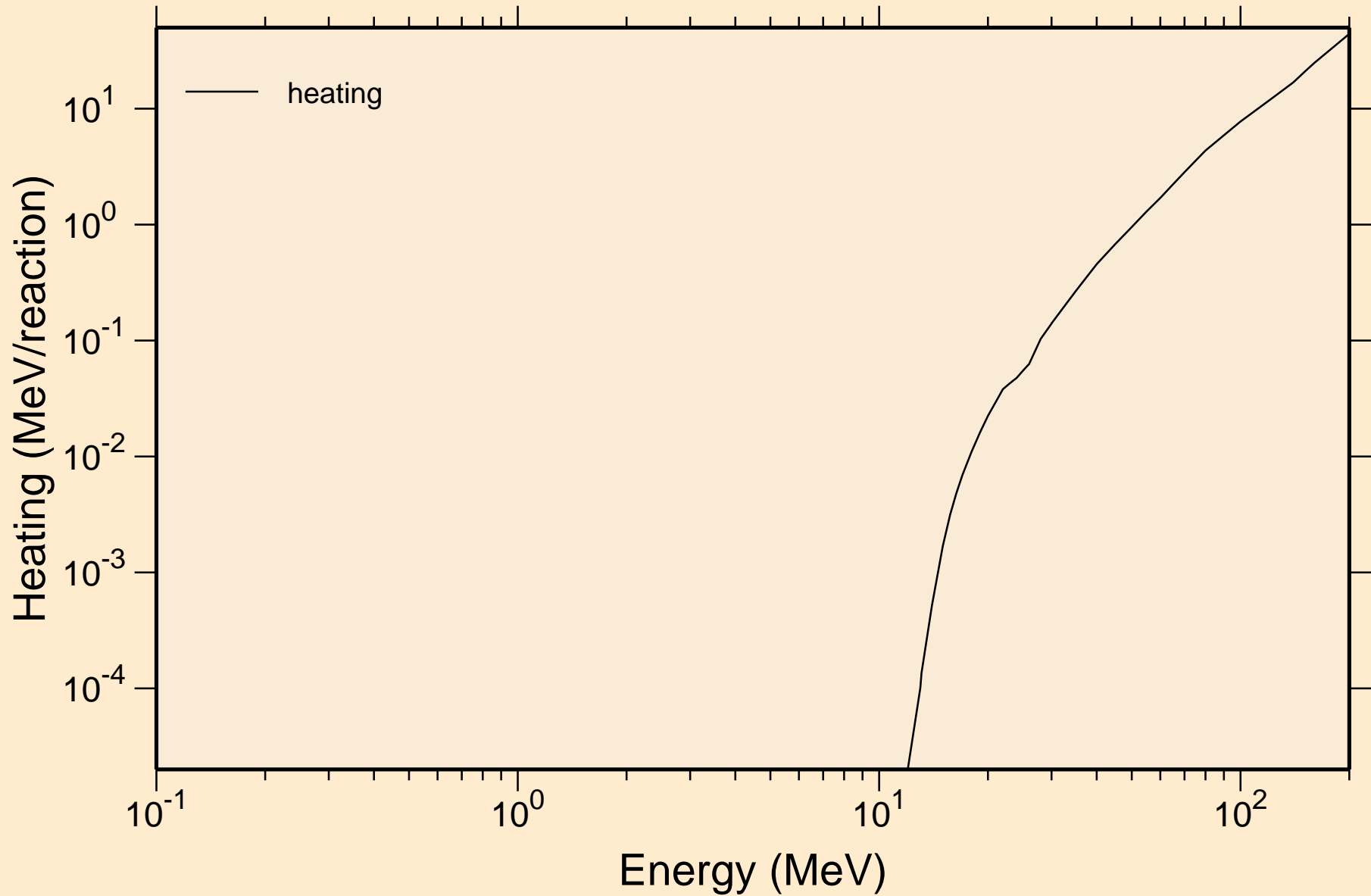
# SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



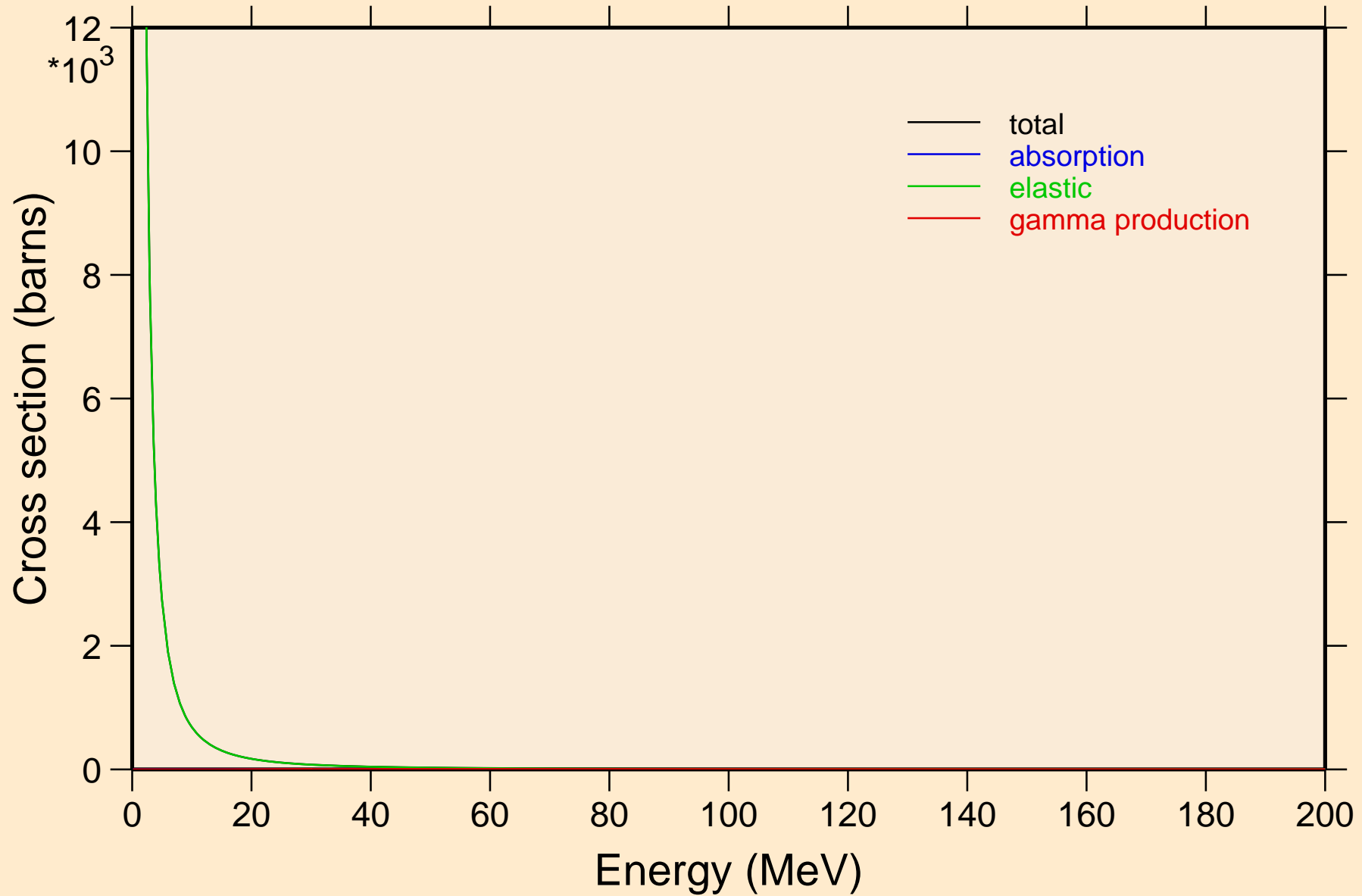
# SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Heating



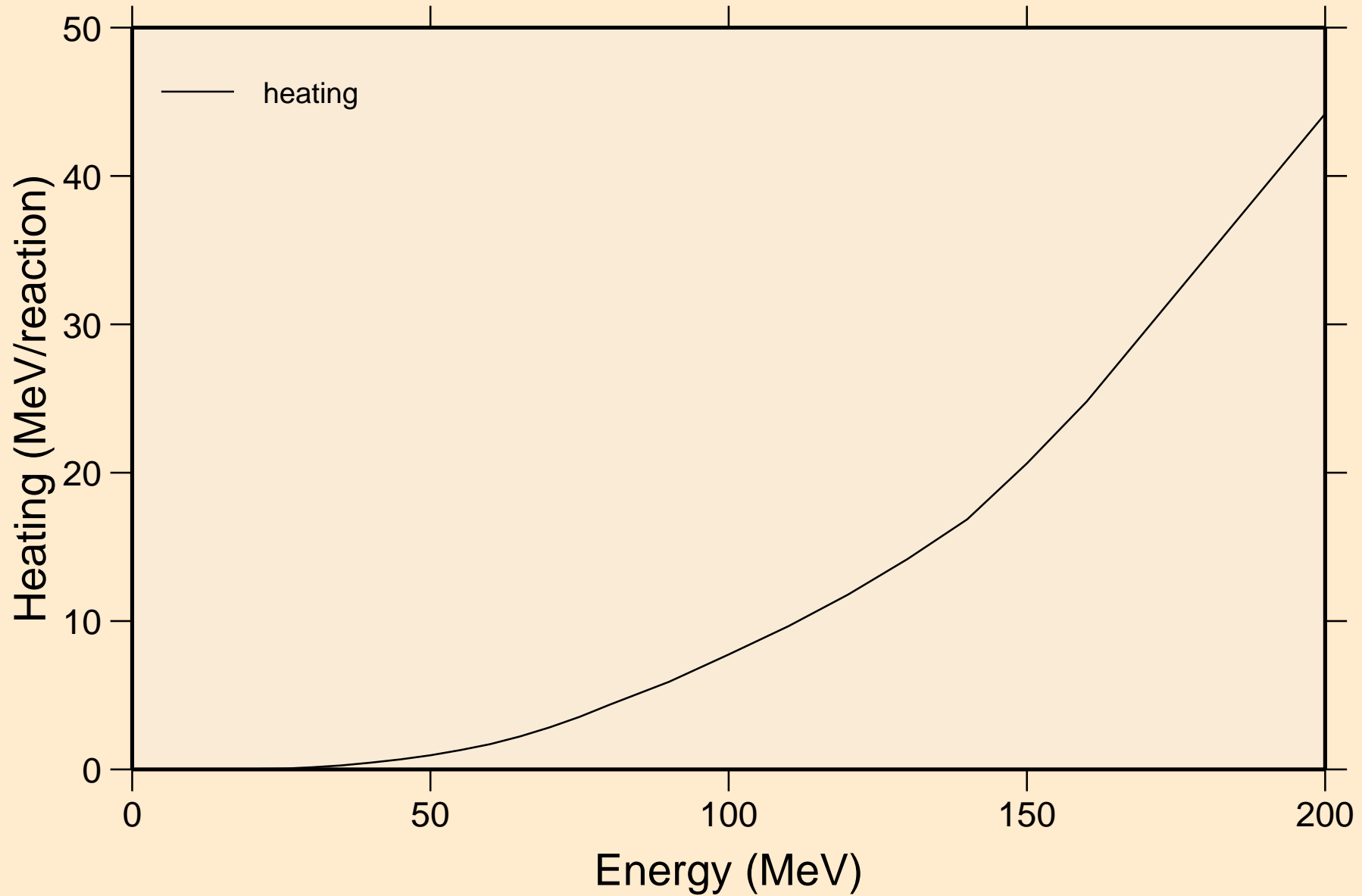
# SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



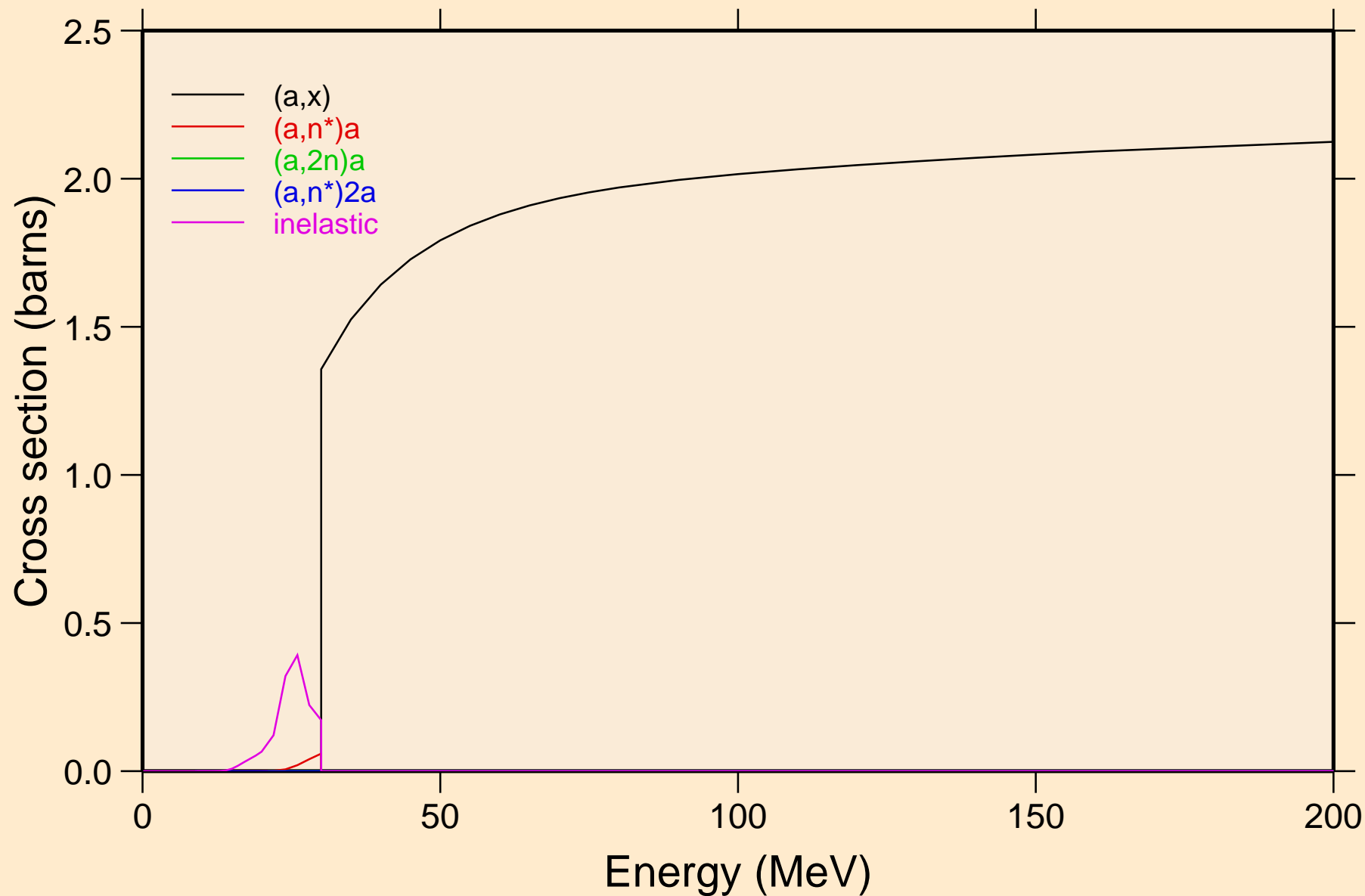
SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating

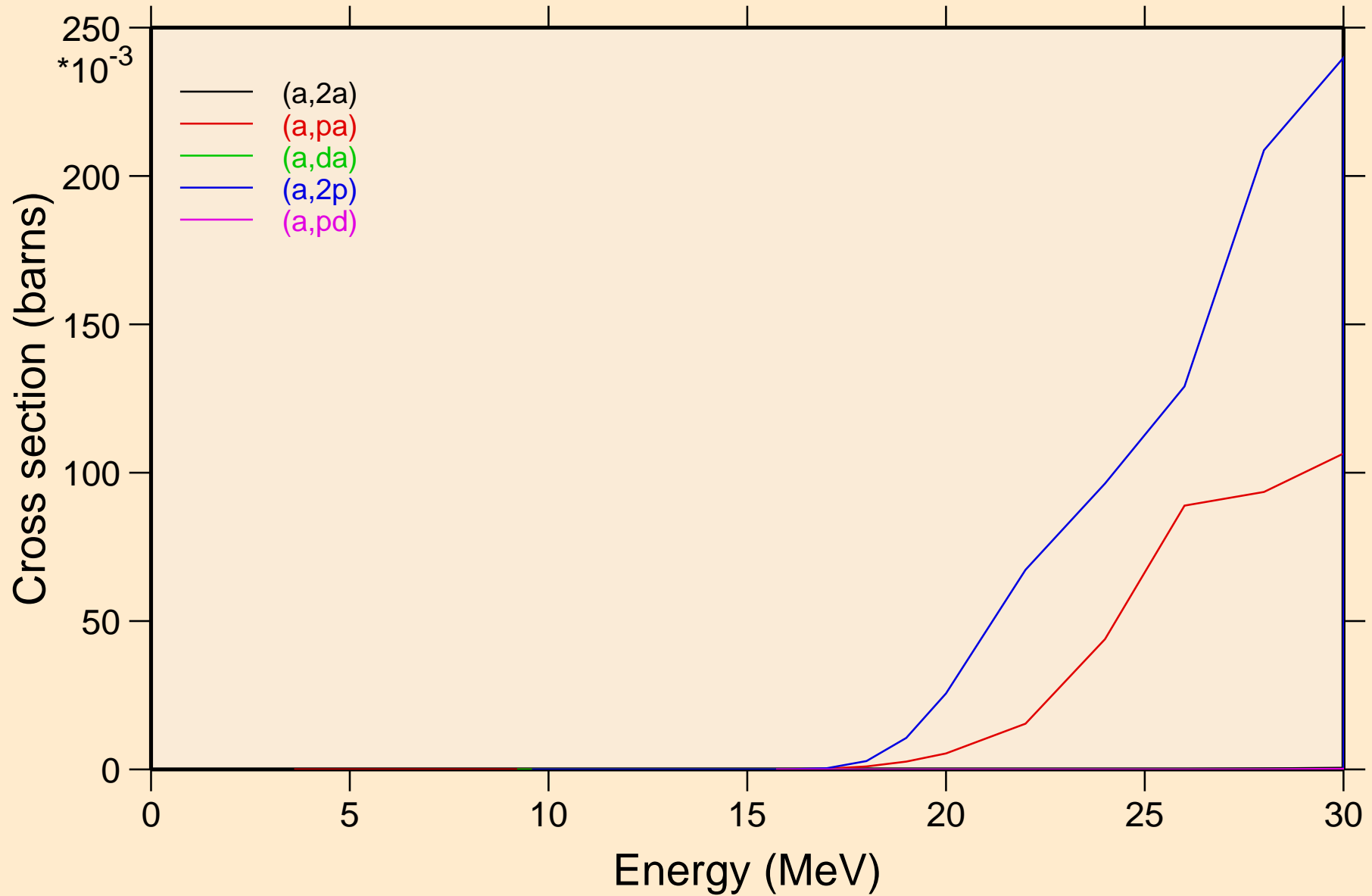


# SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

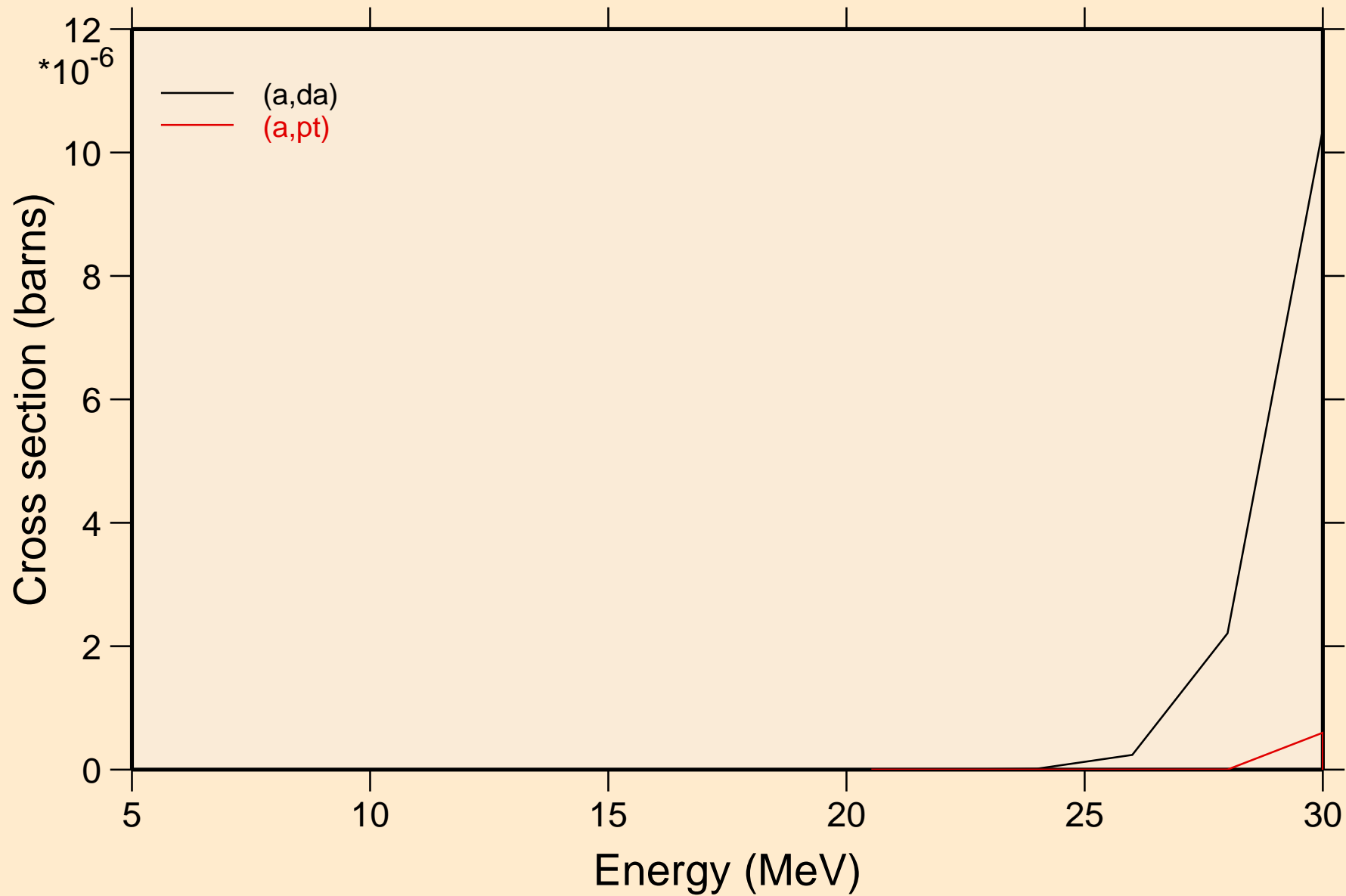
## Threshold reactions



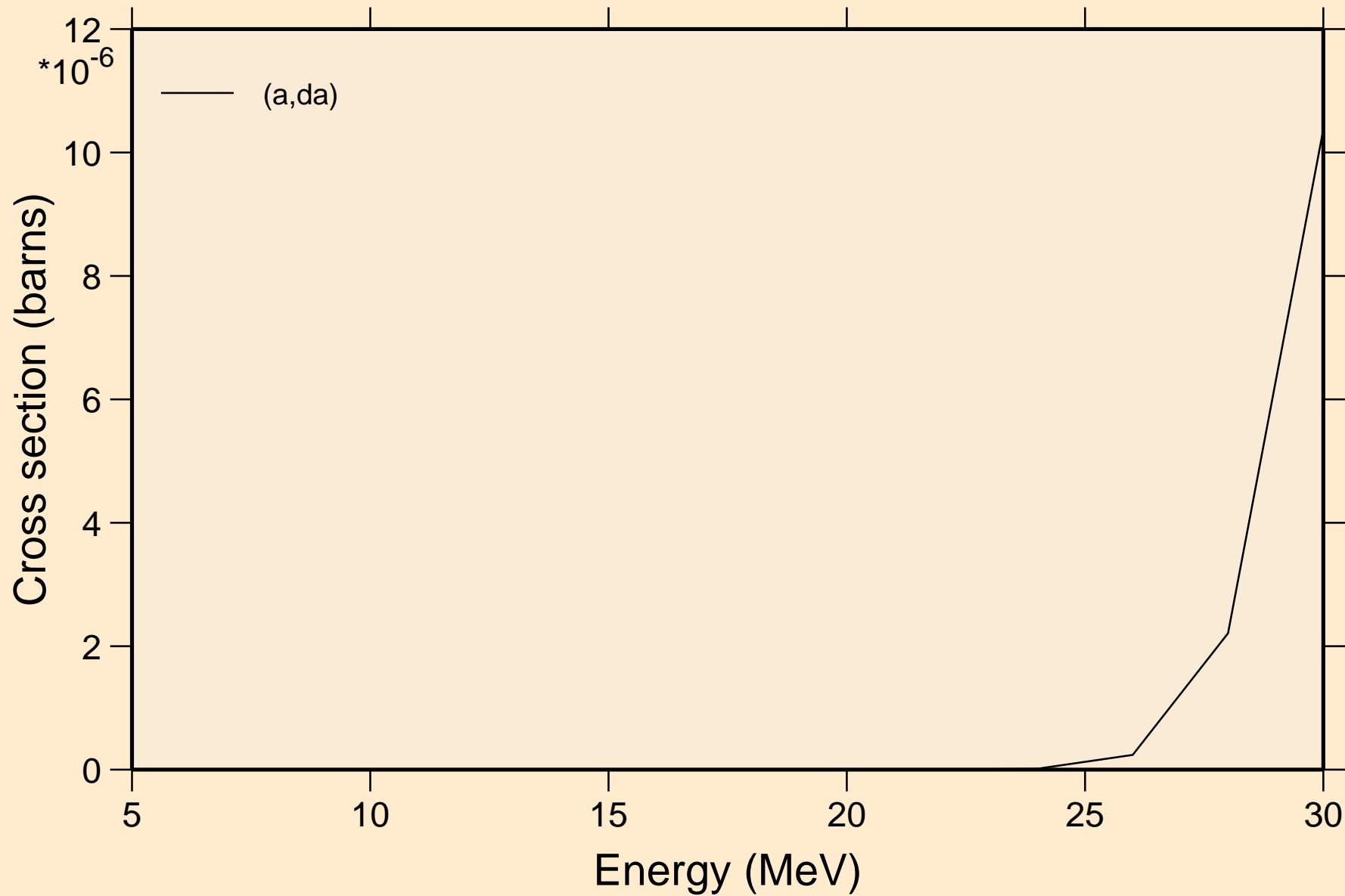
SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

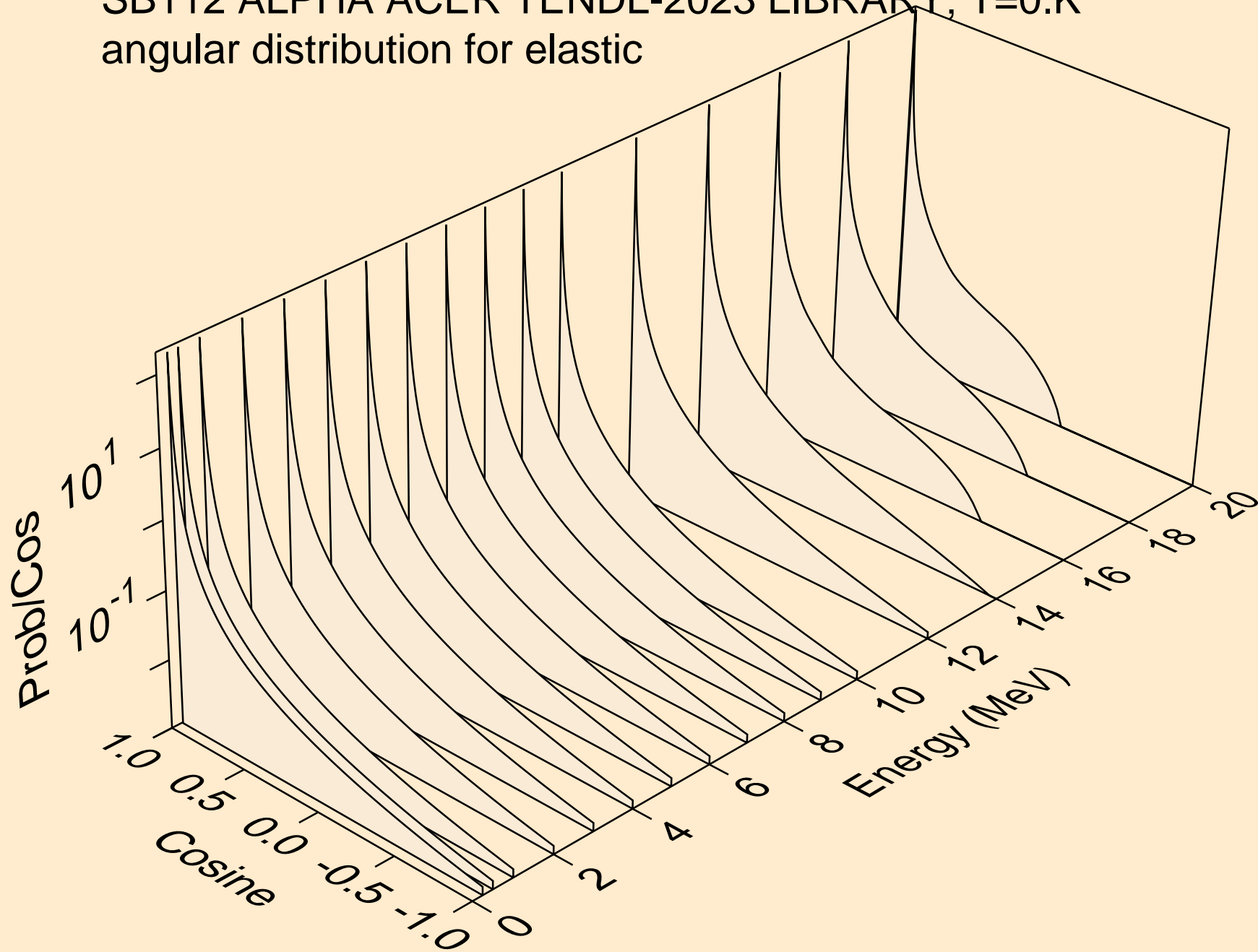


SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

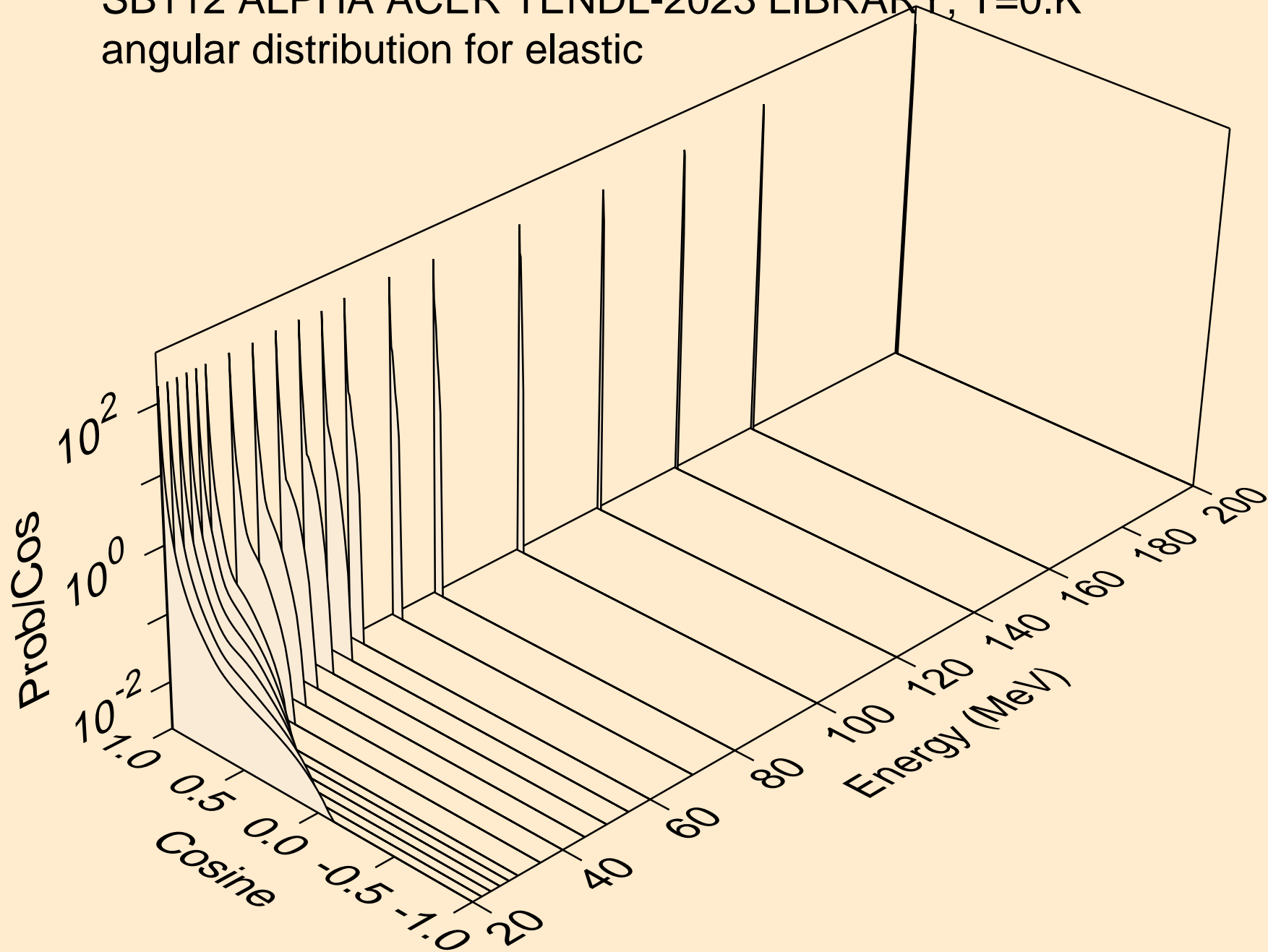




SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

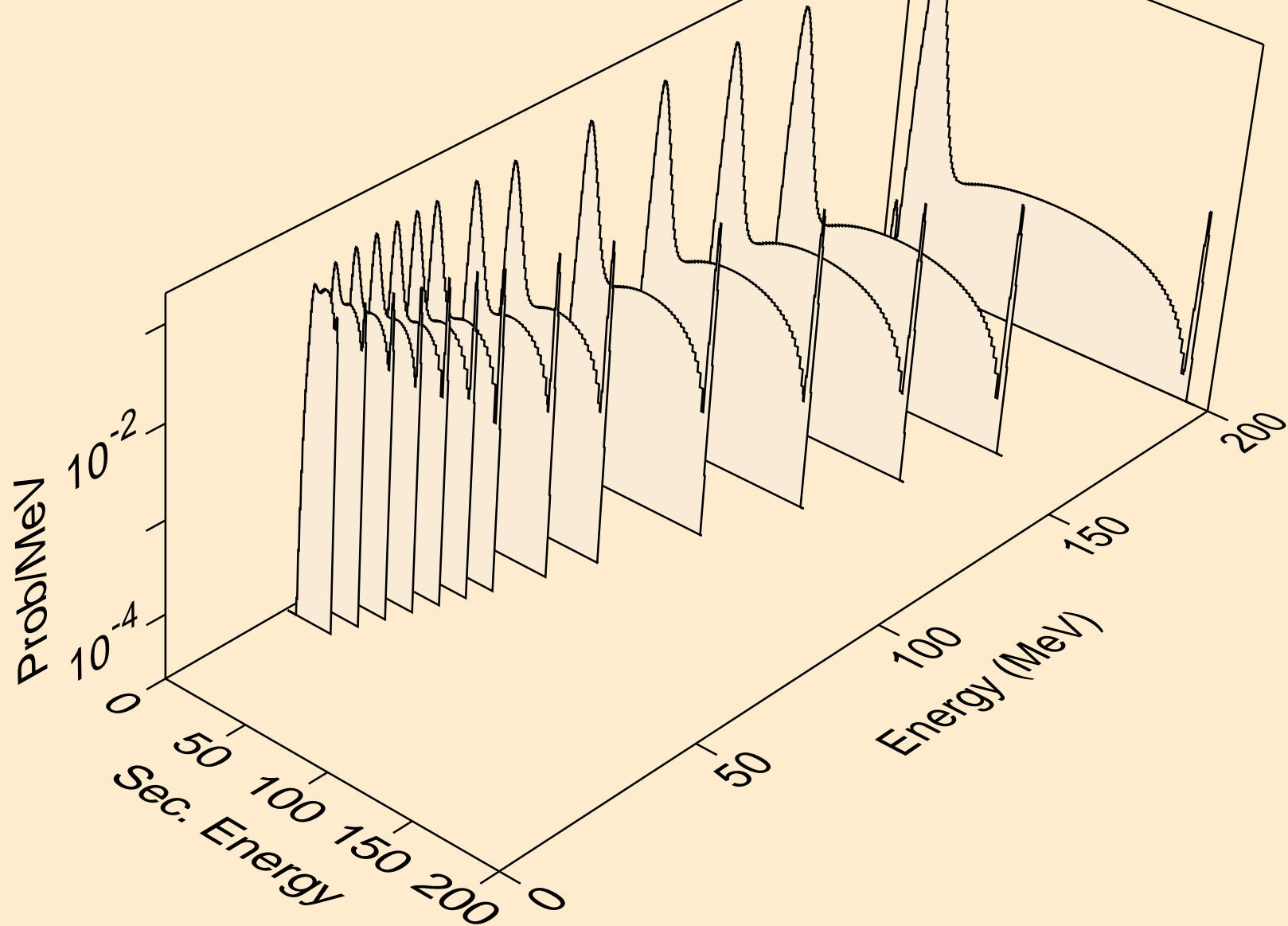


SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic

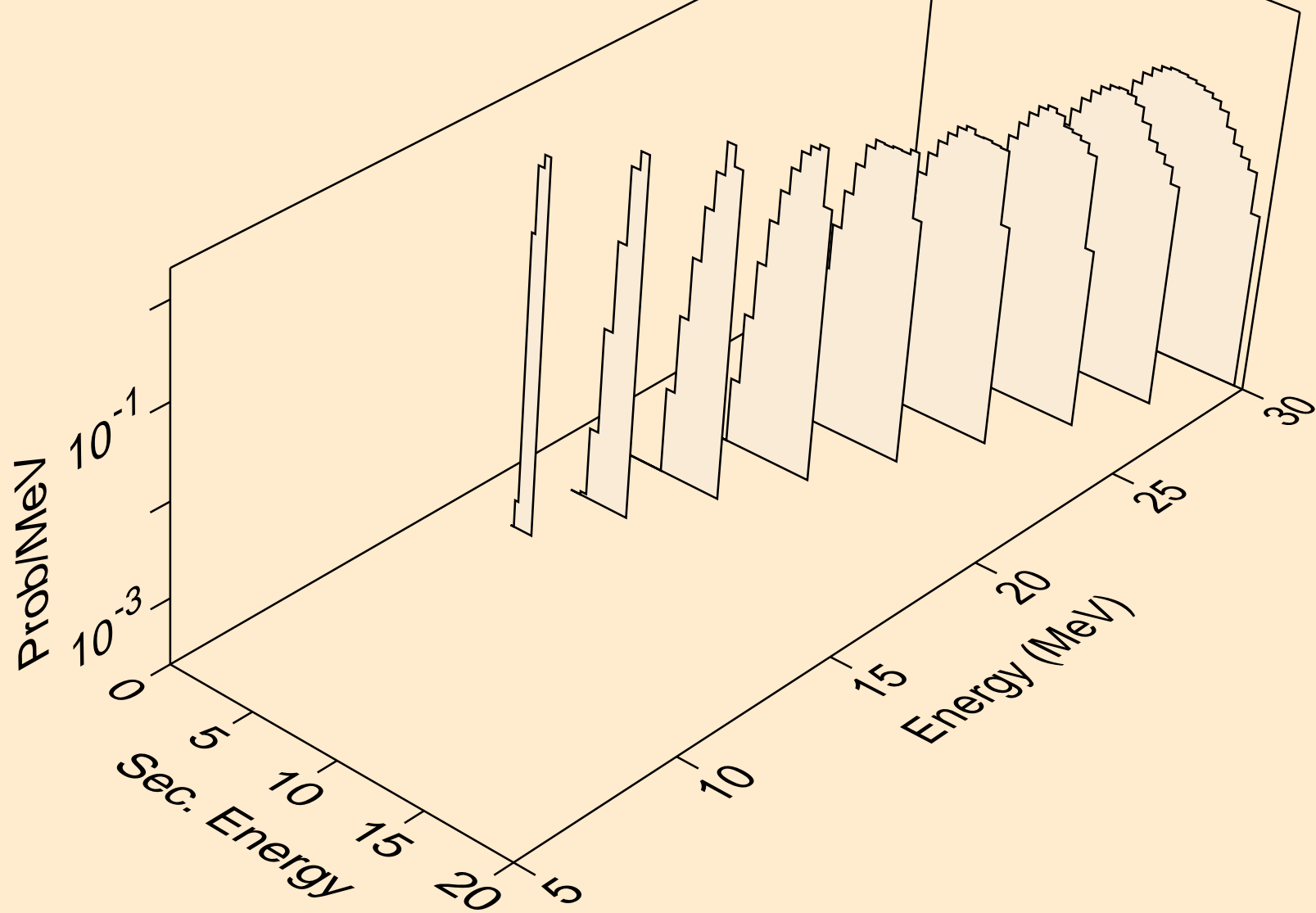


# SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

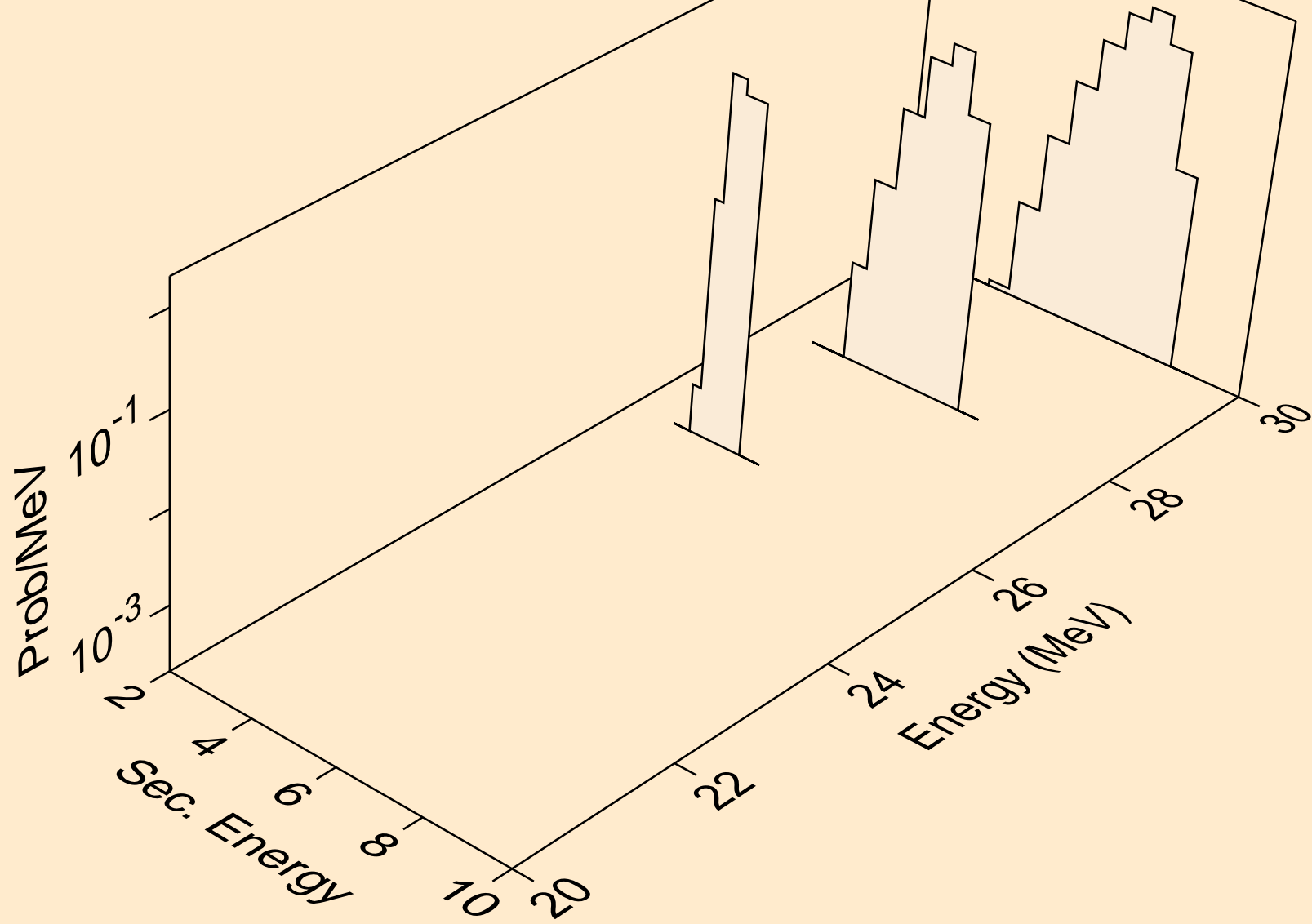
Alpha emission for (a,x)



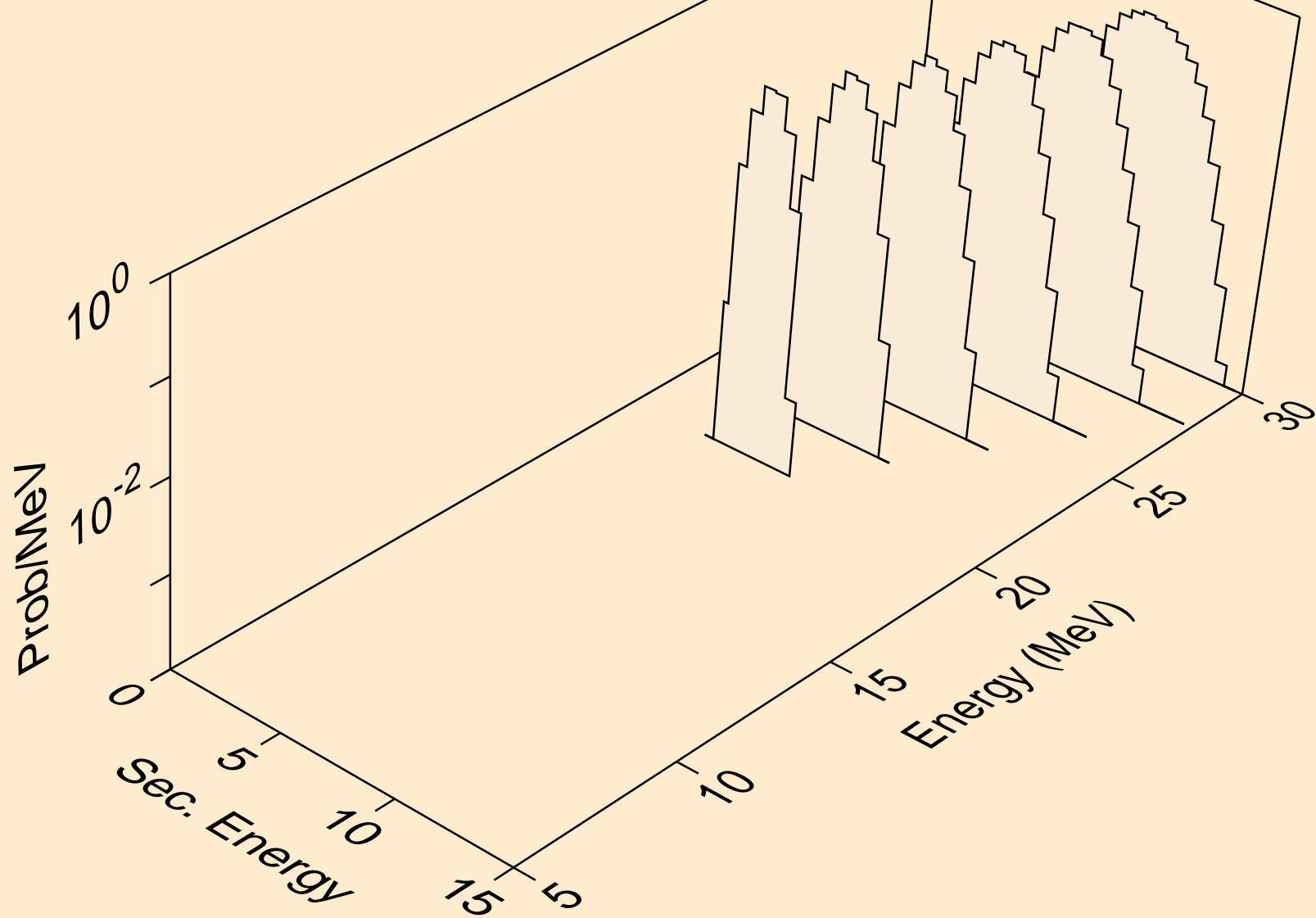
SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



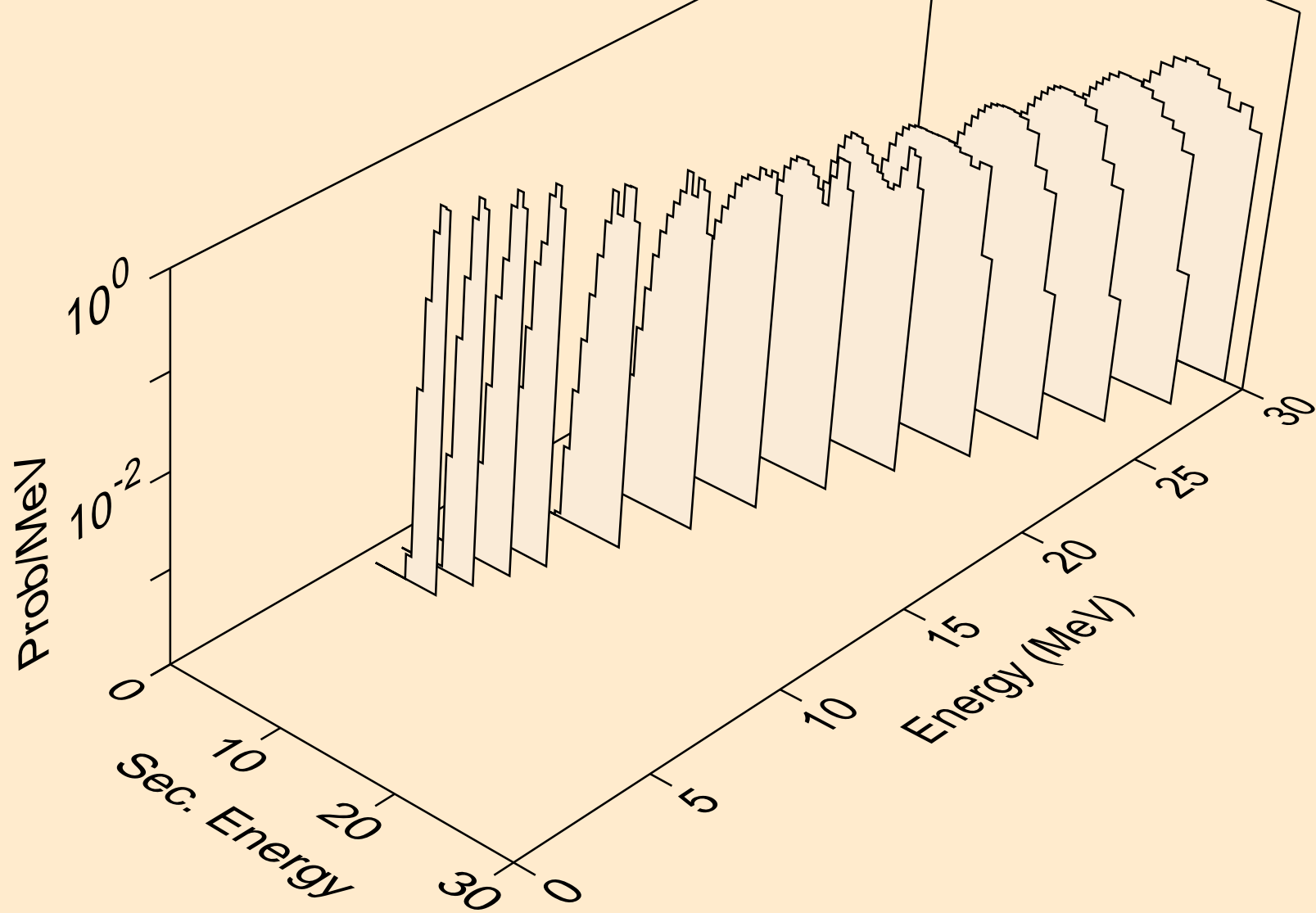
SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



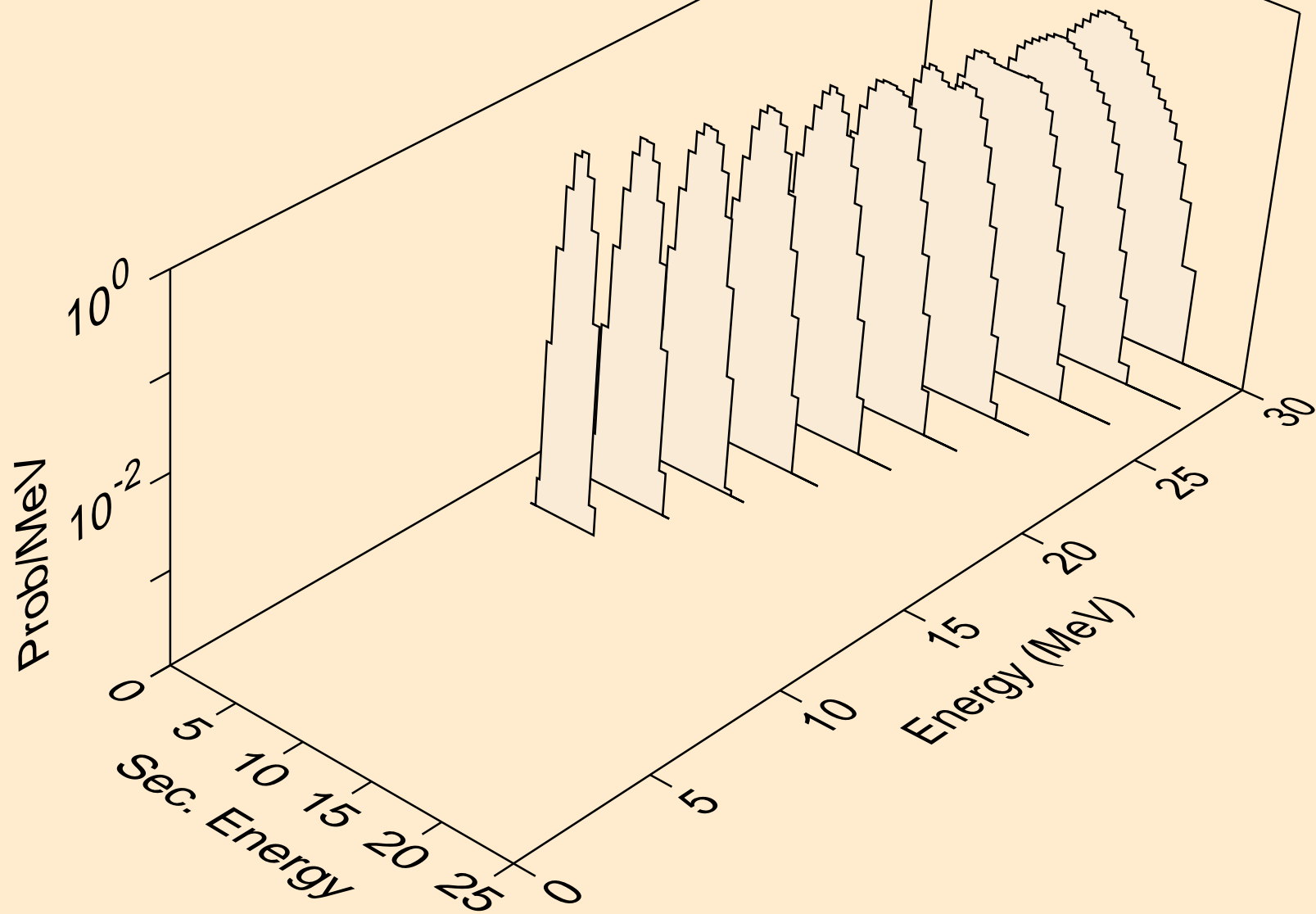
SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)2a



SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic



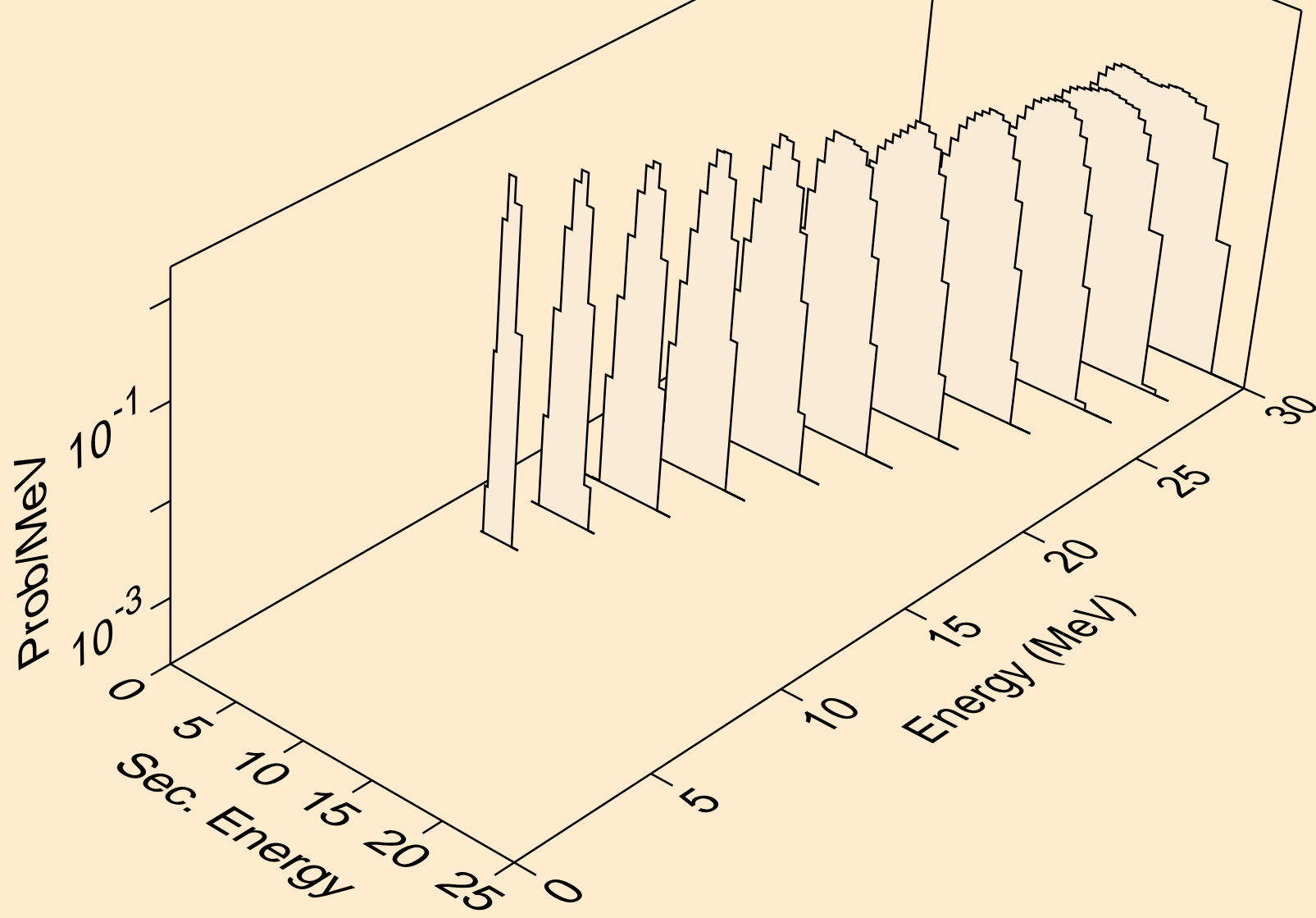
SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2a)



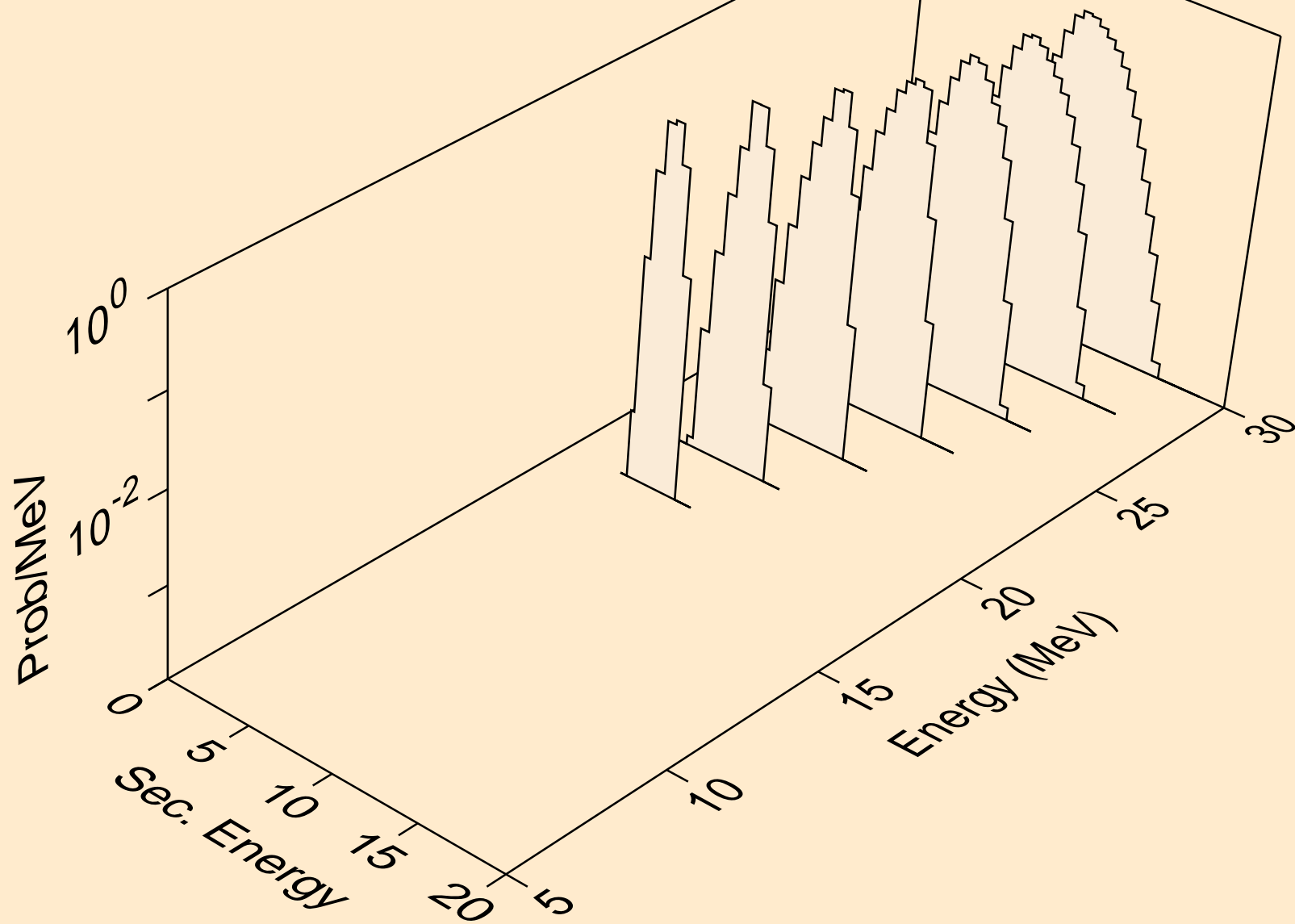


SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

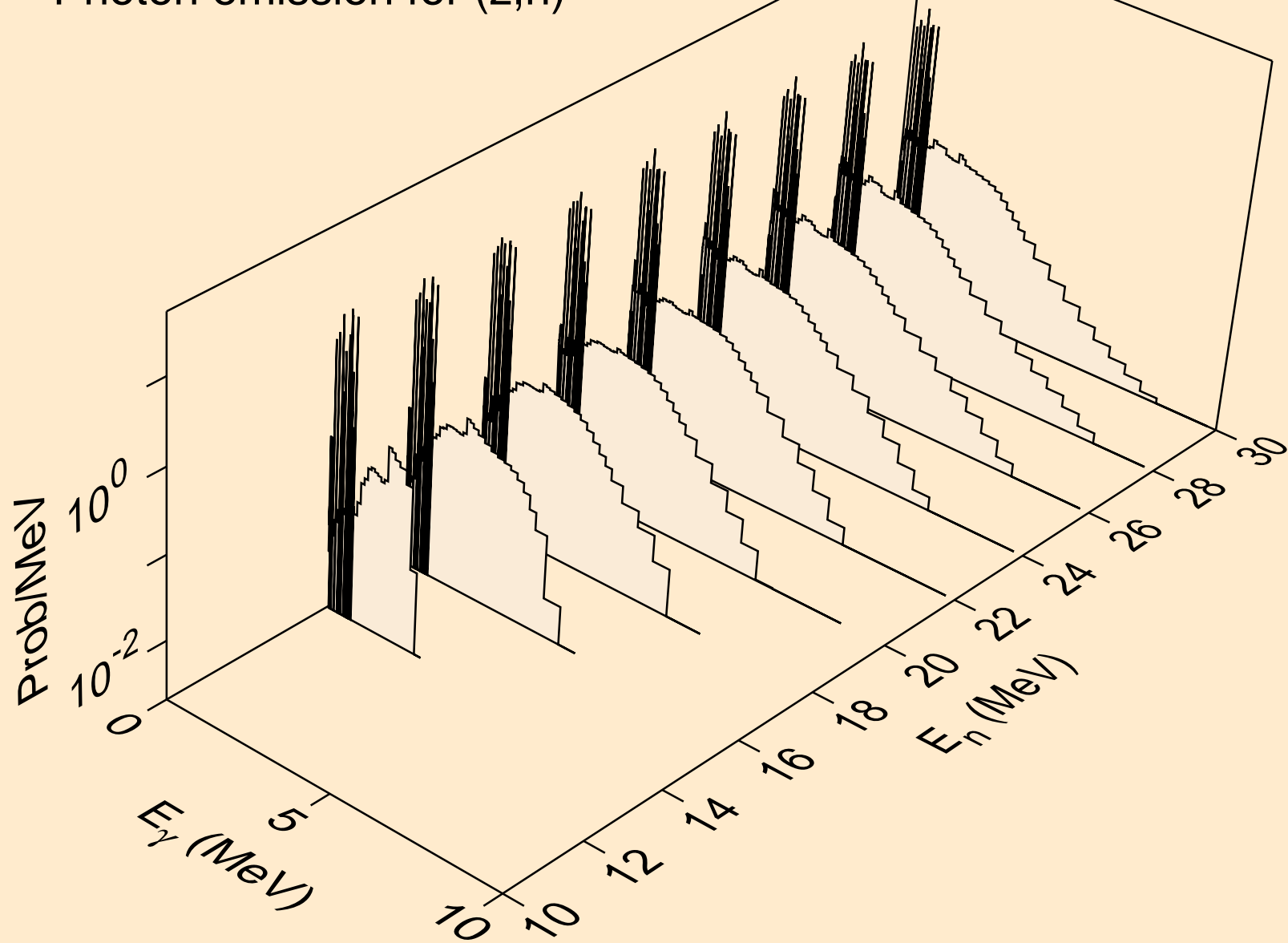
Alpha emission for (a,pa)



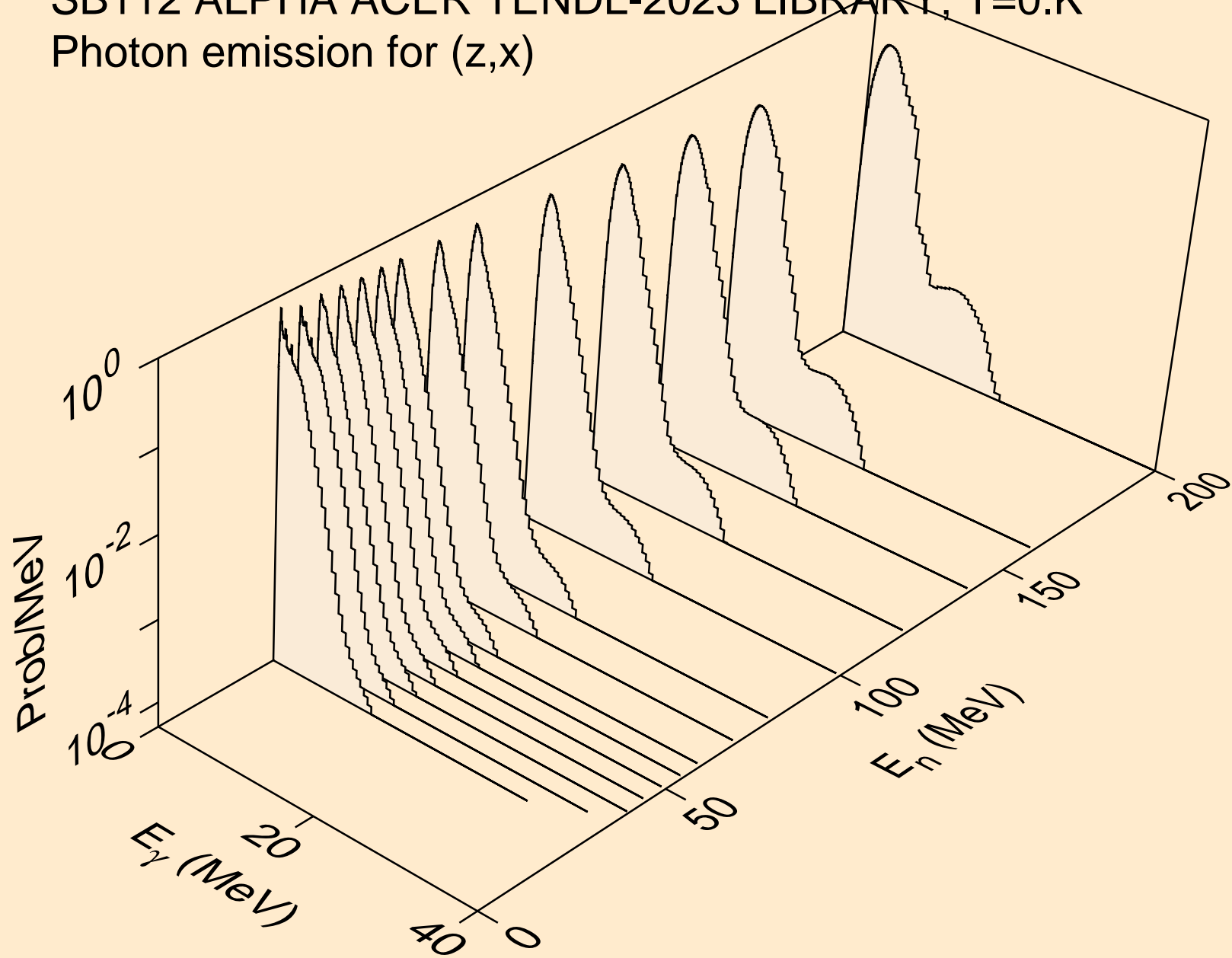
SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,da)



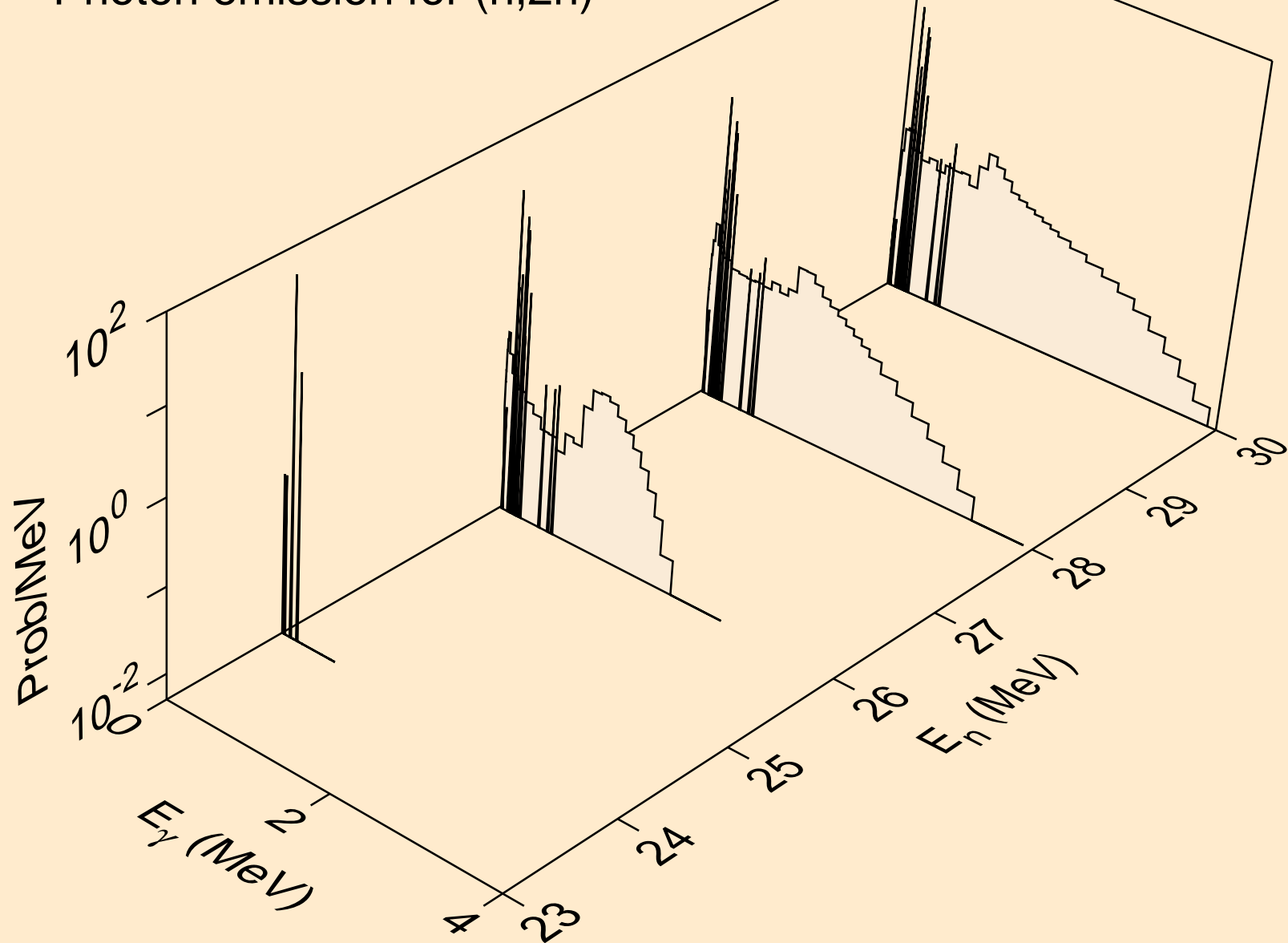
SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



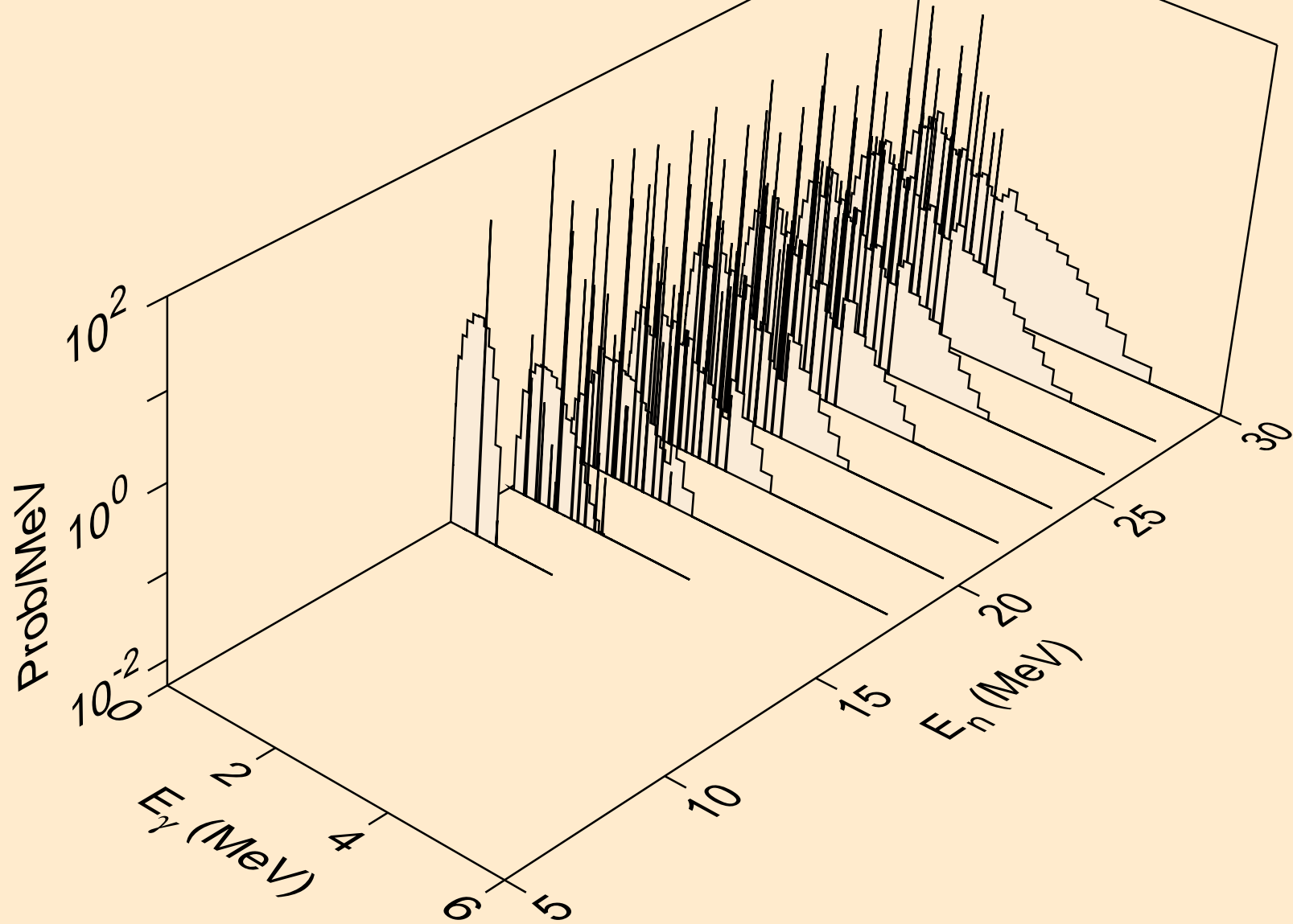
SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



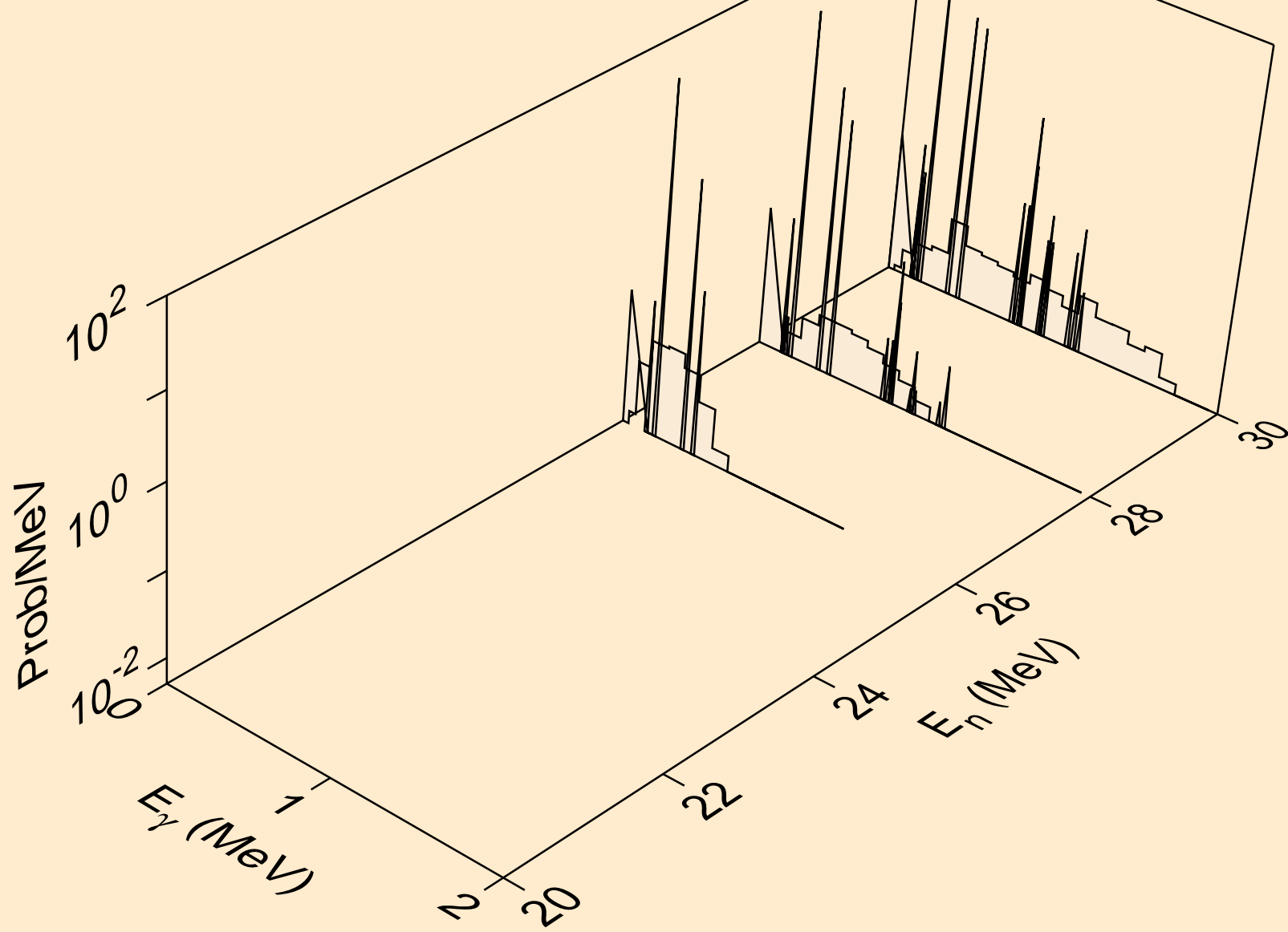
SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



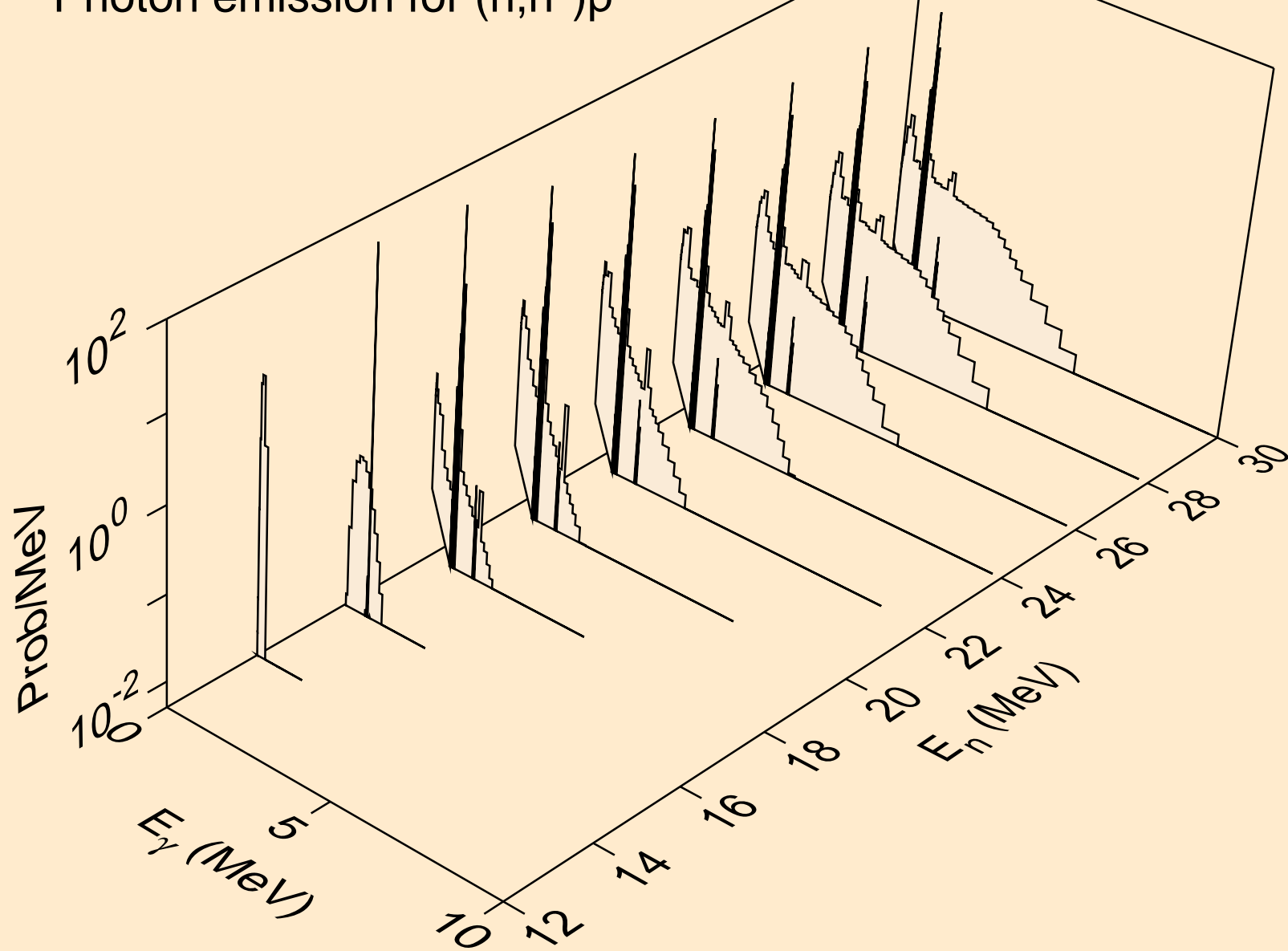
SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a

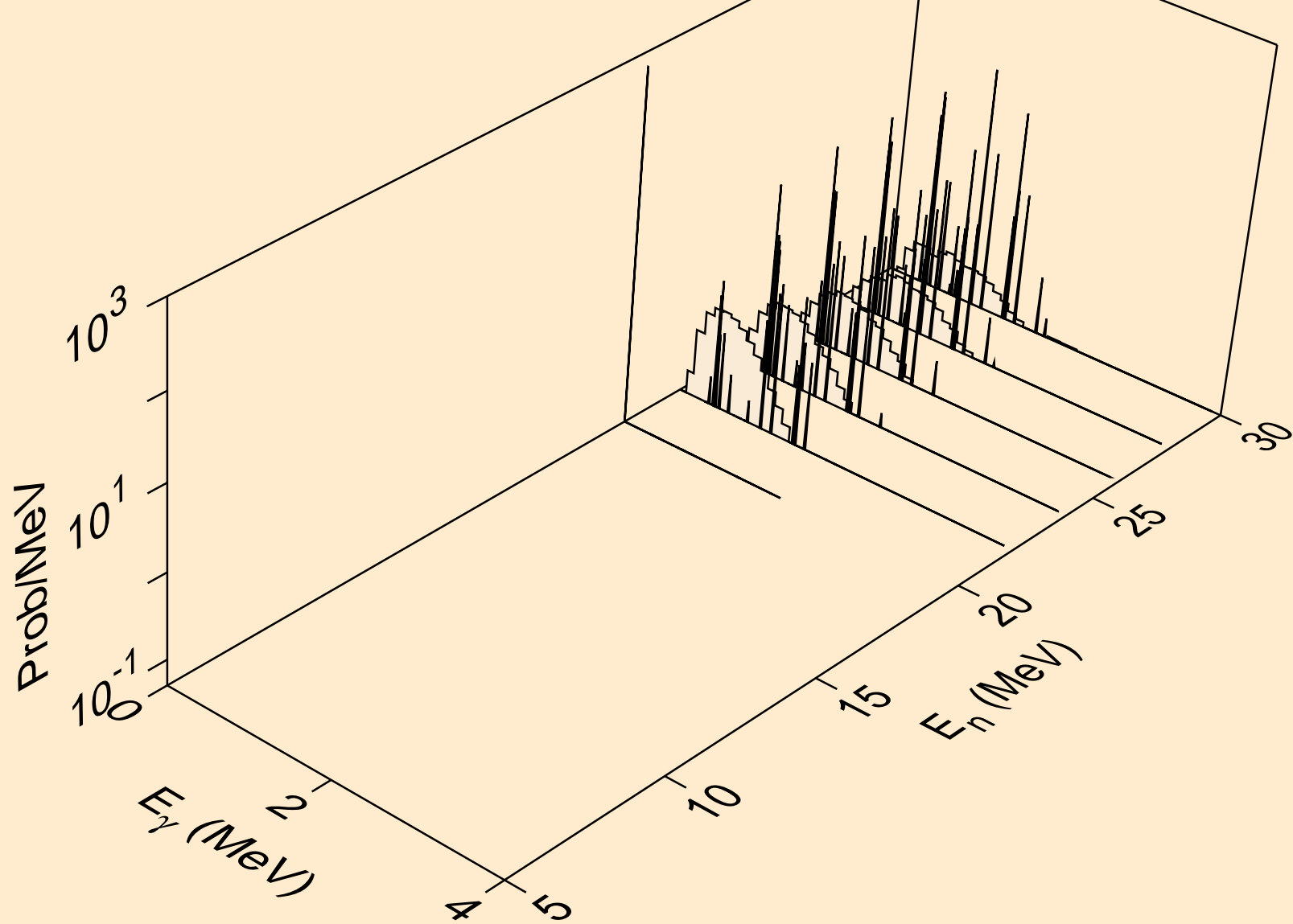


SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

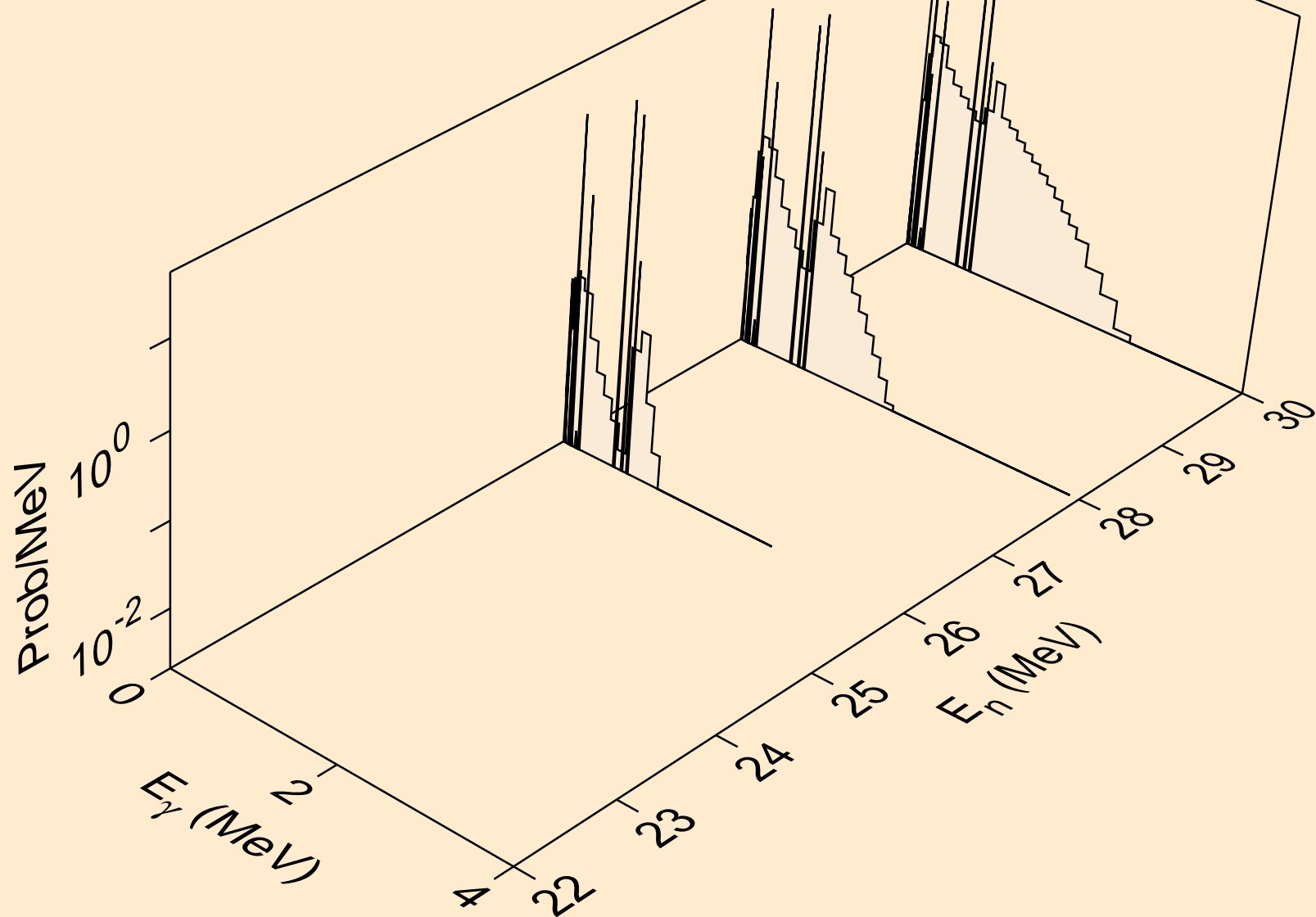




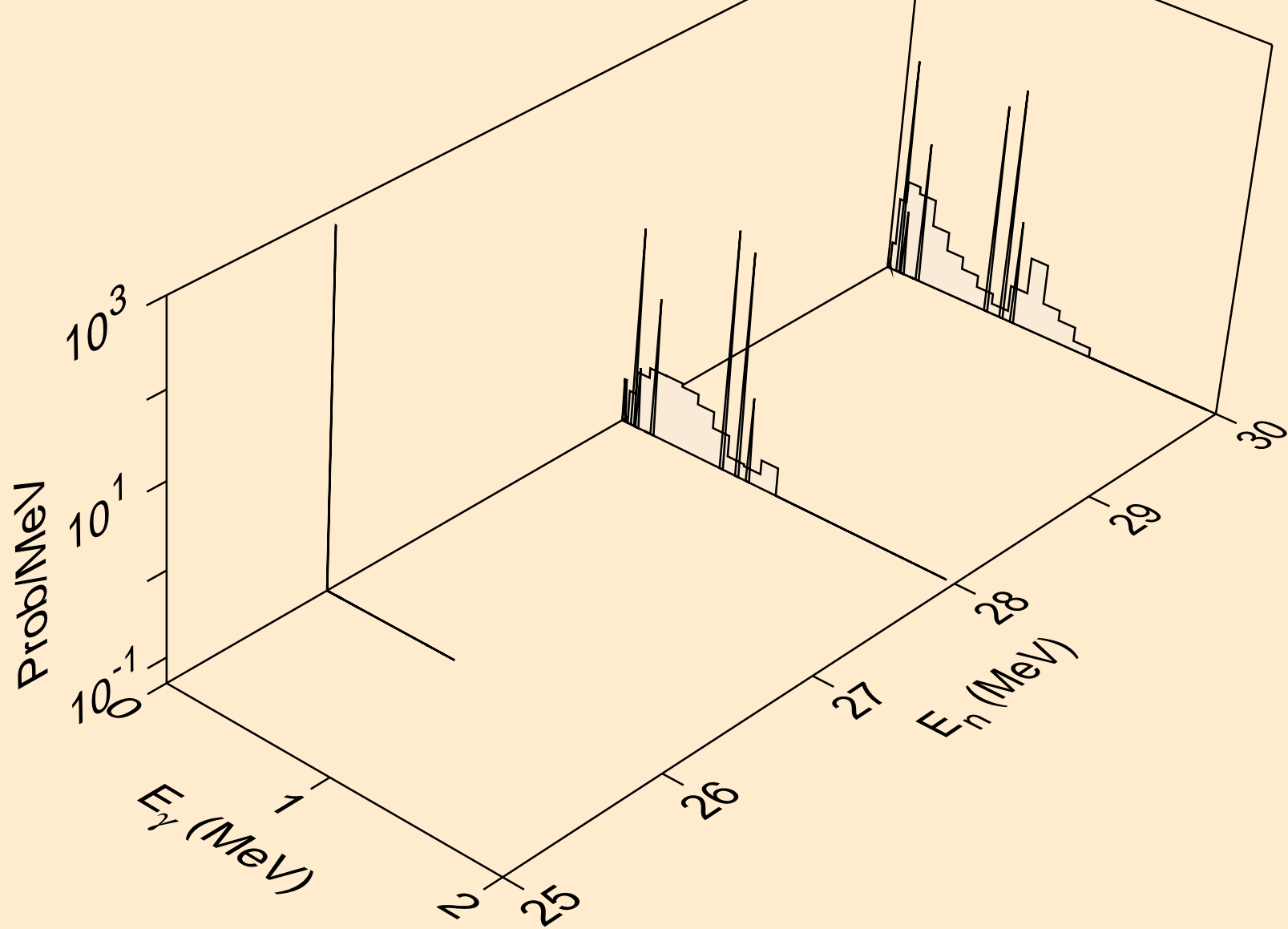
SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



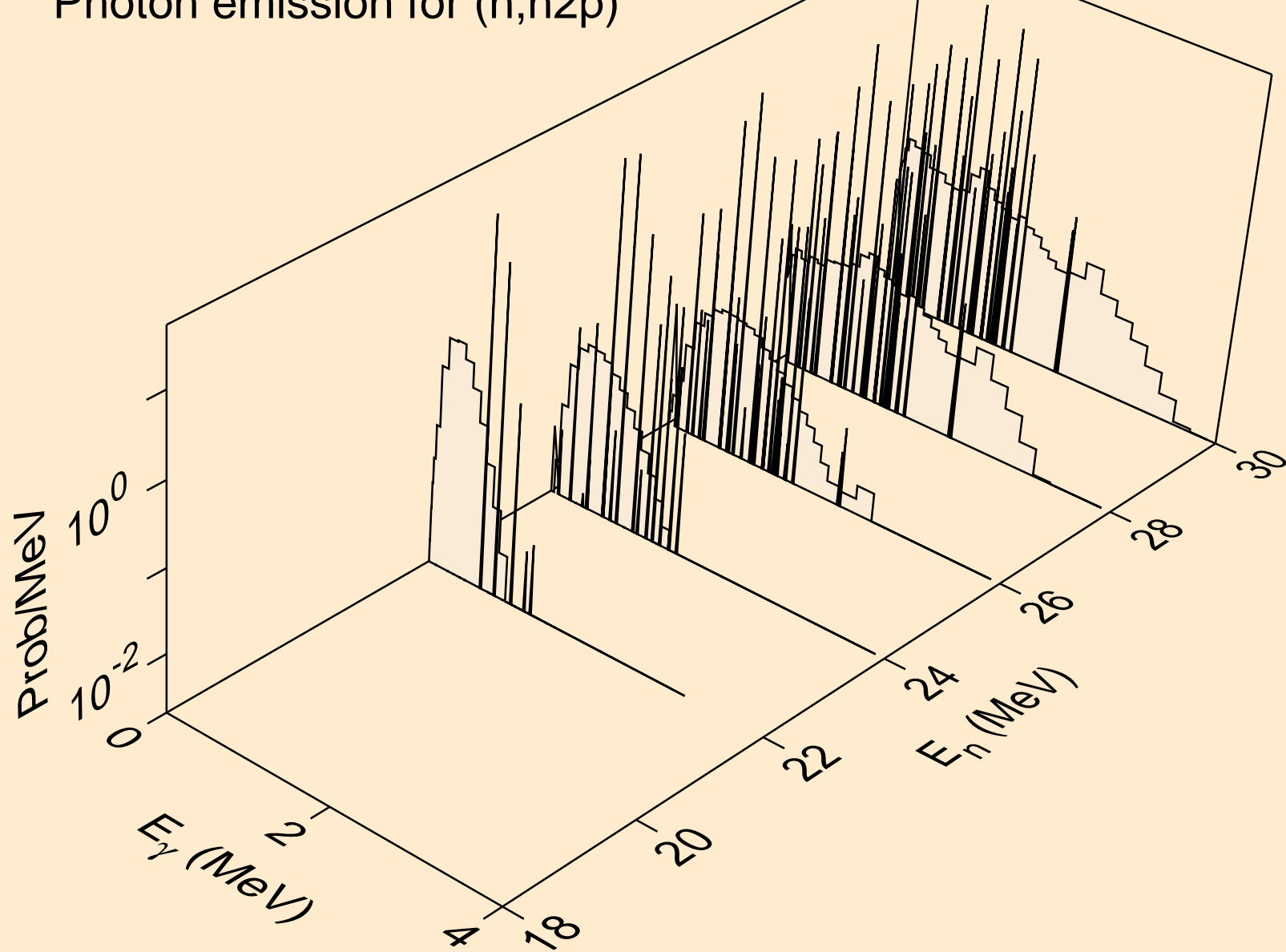
SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



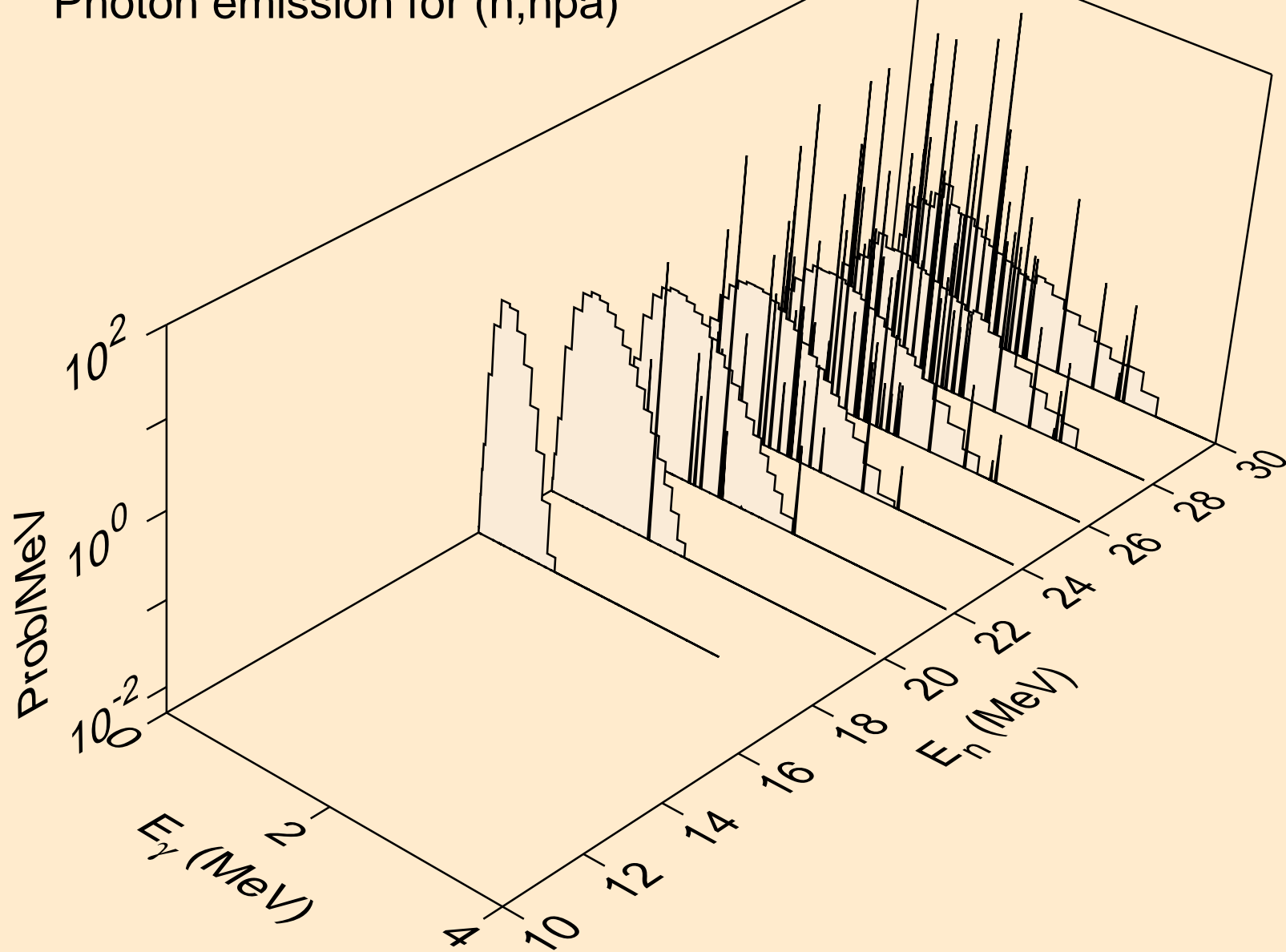
SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



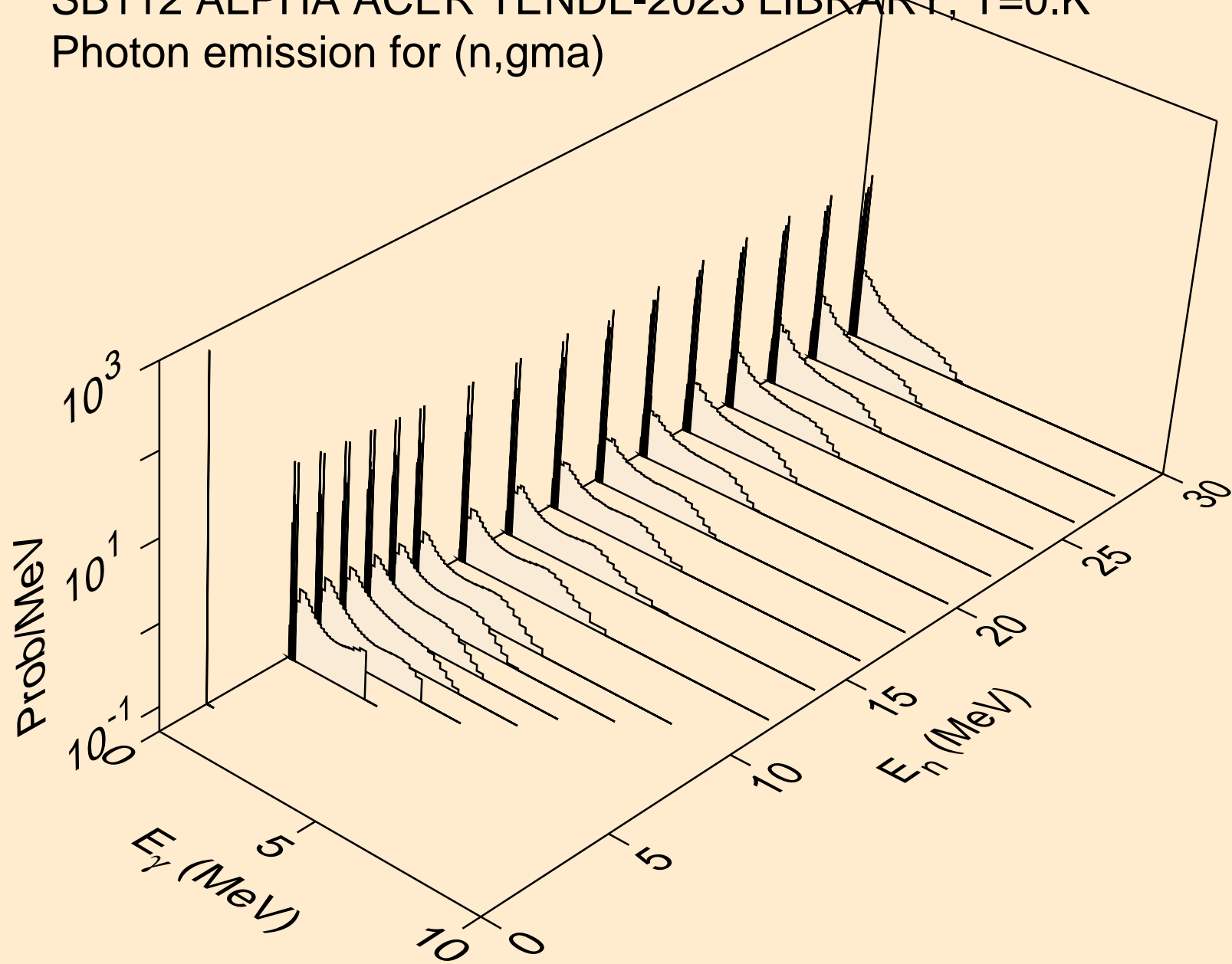
SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



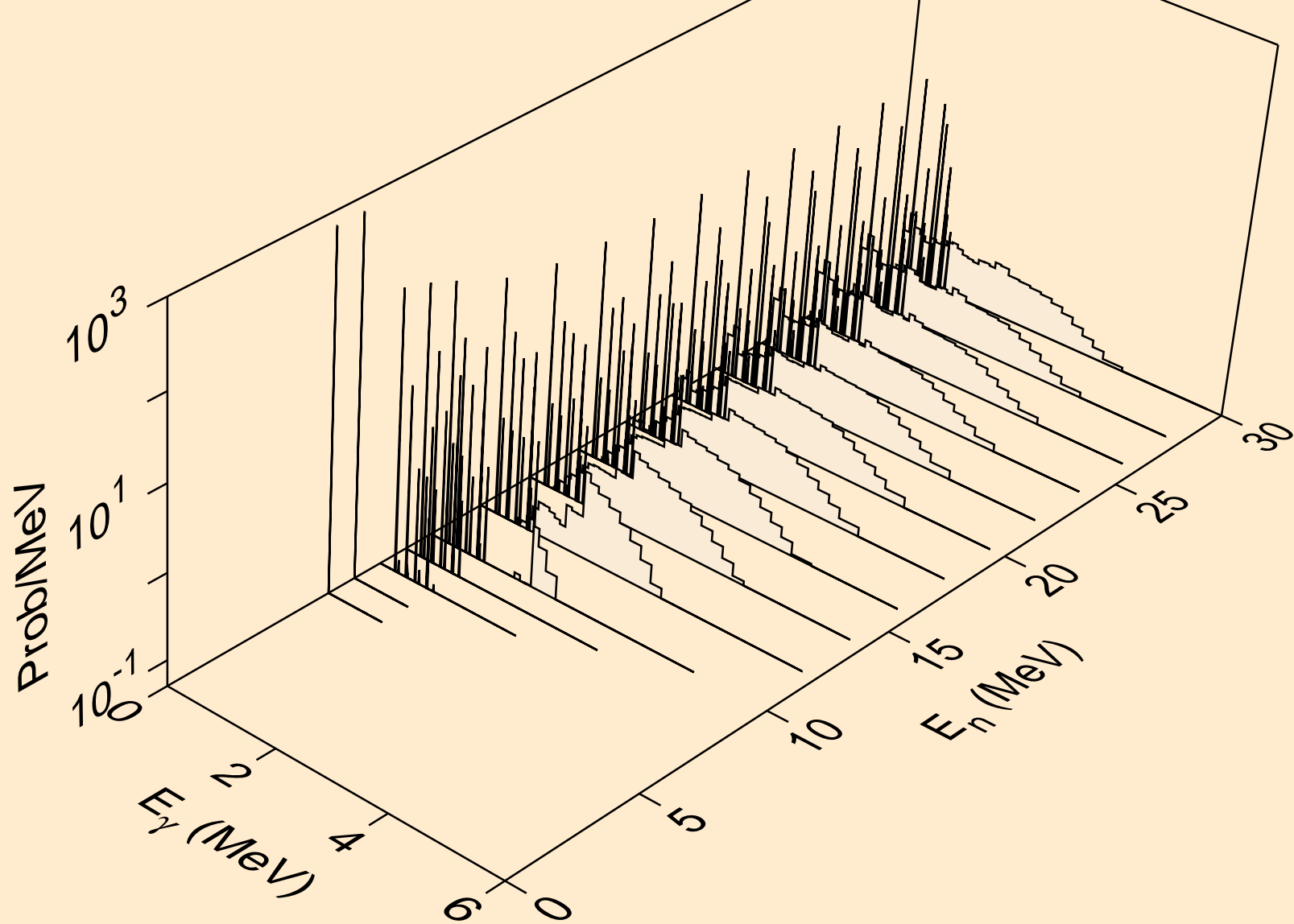
SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



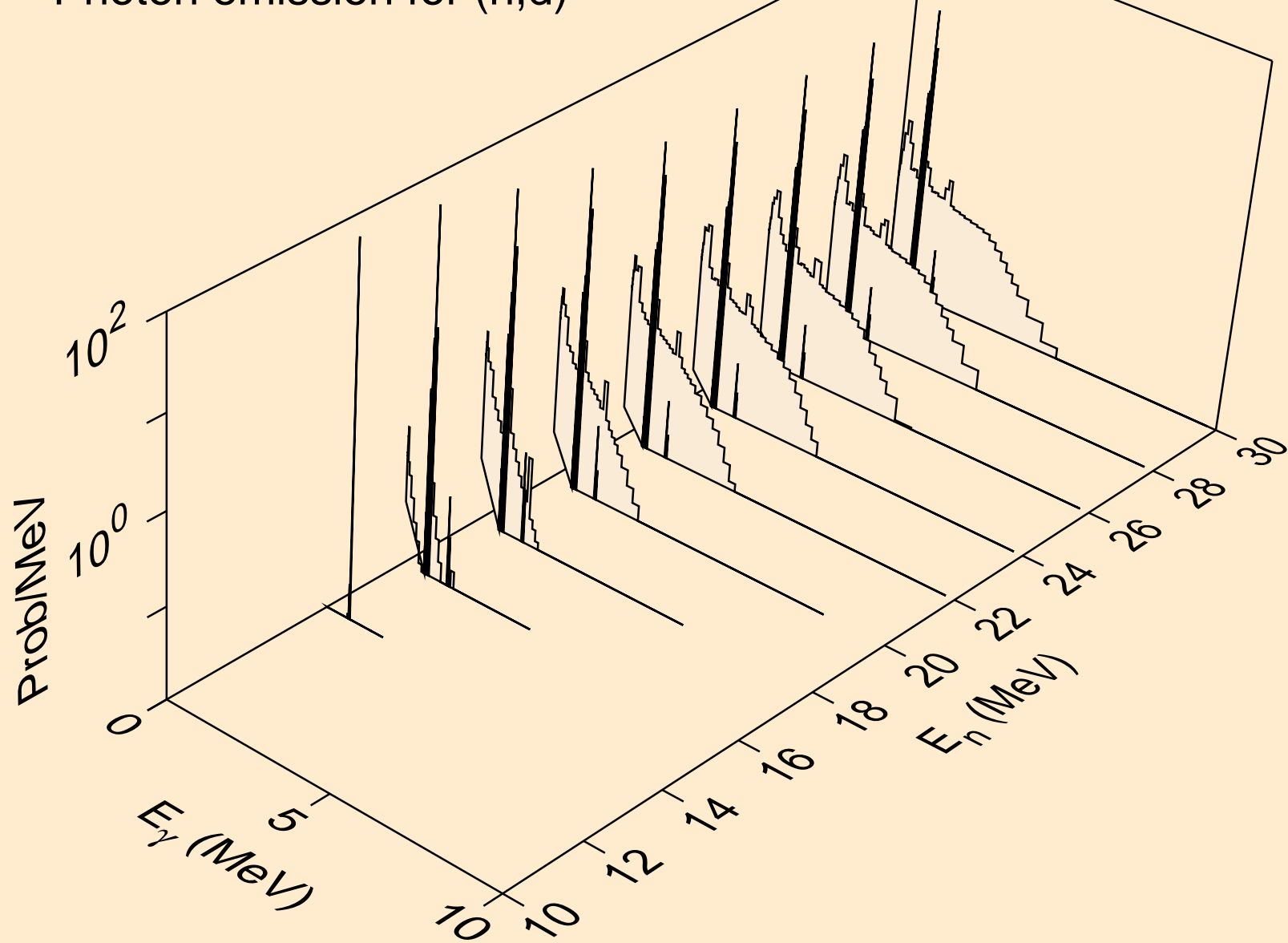
SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)

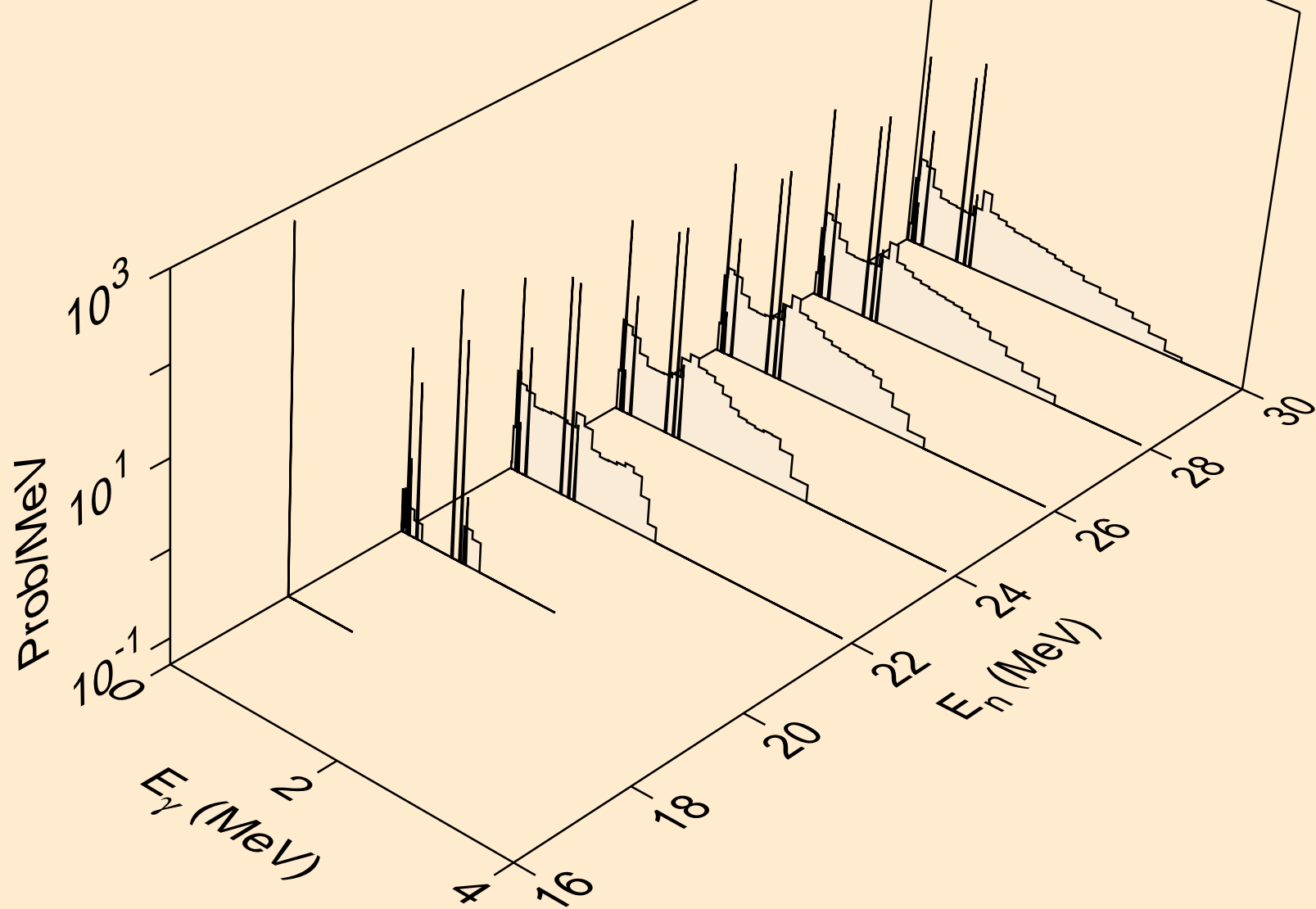


SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)

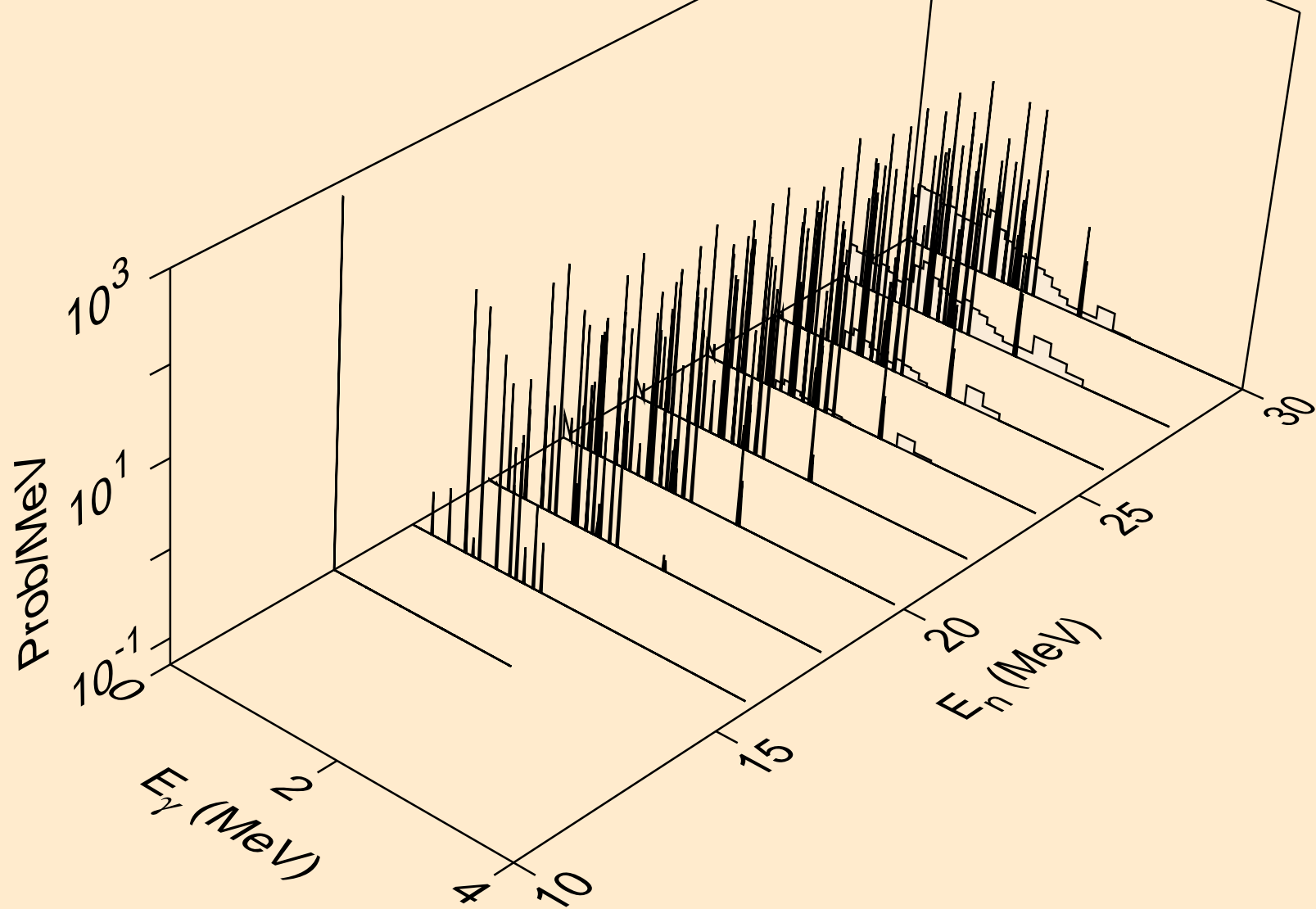




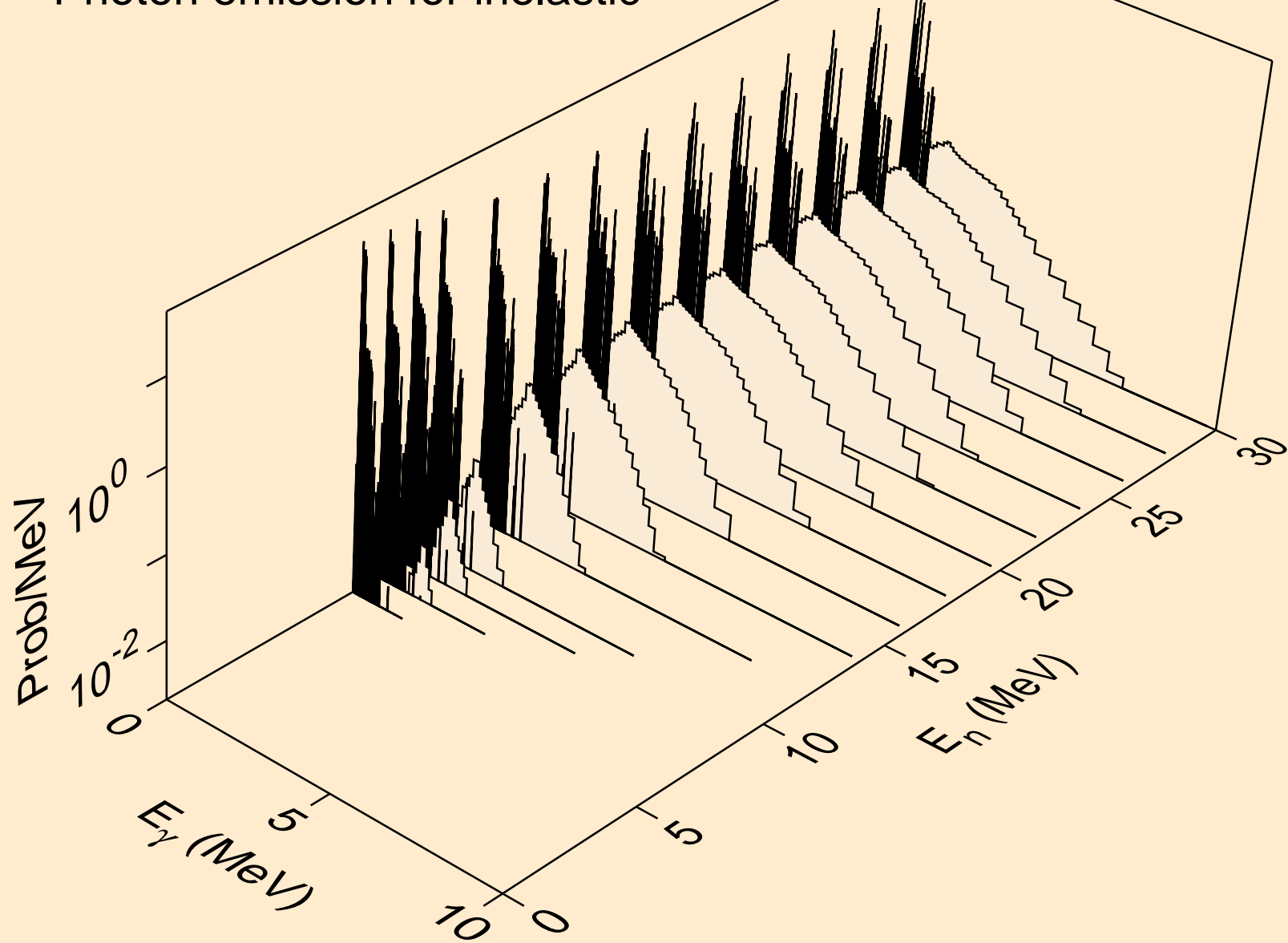
SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



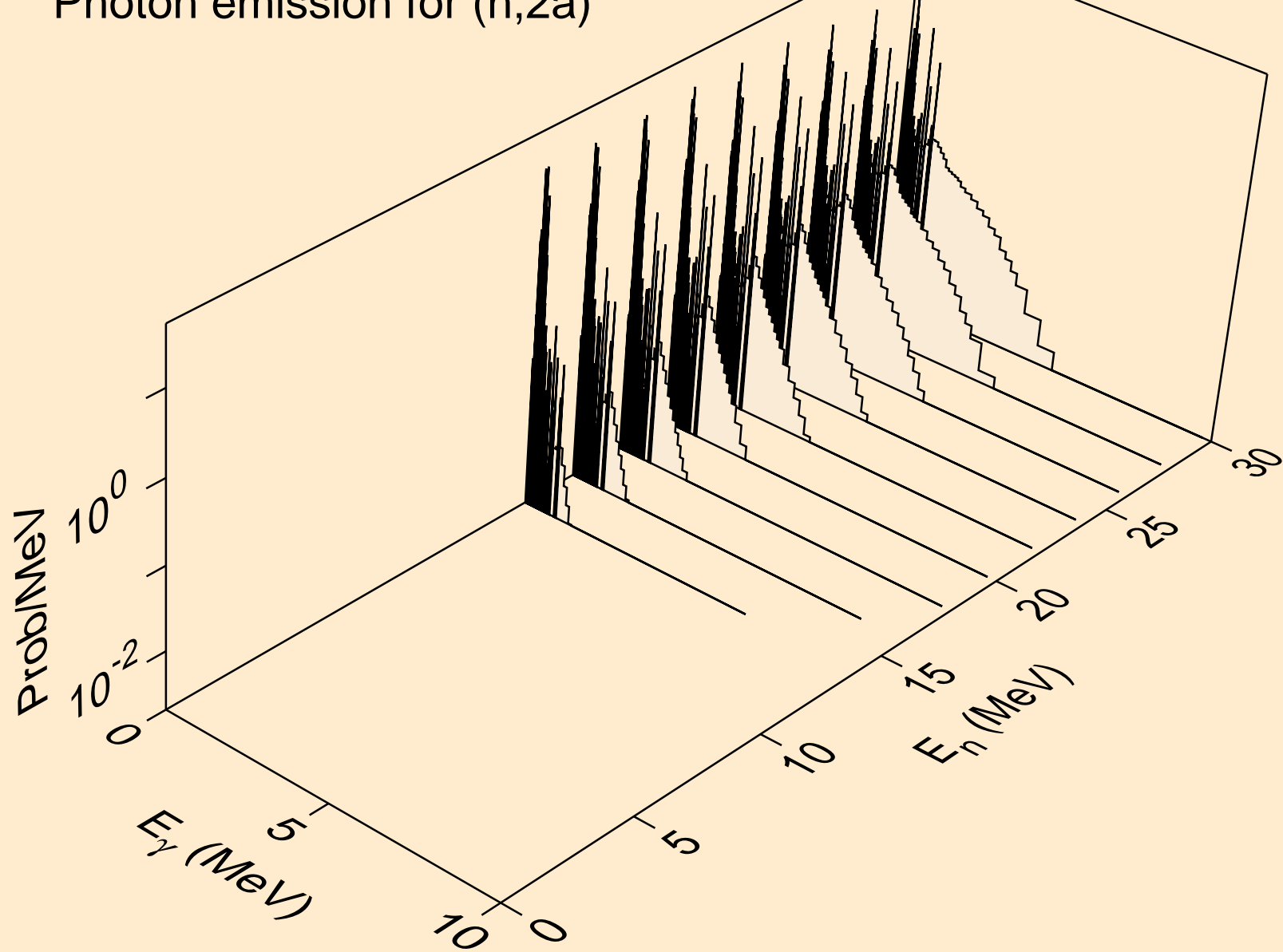
SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



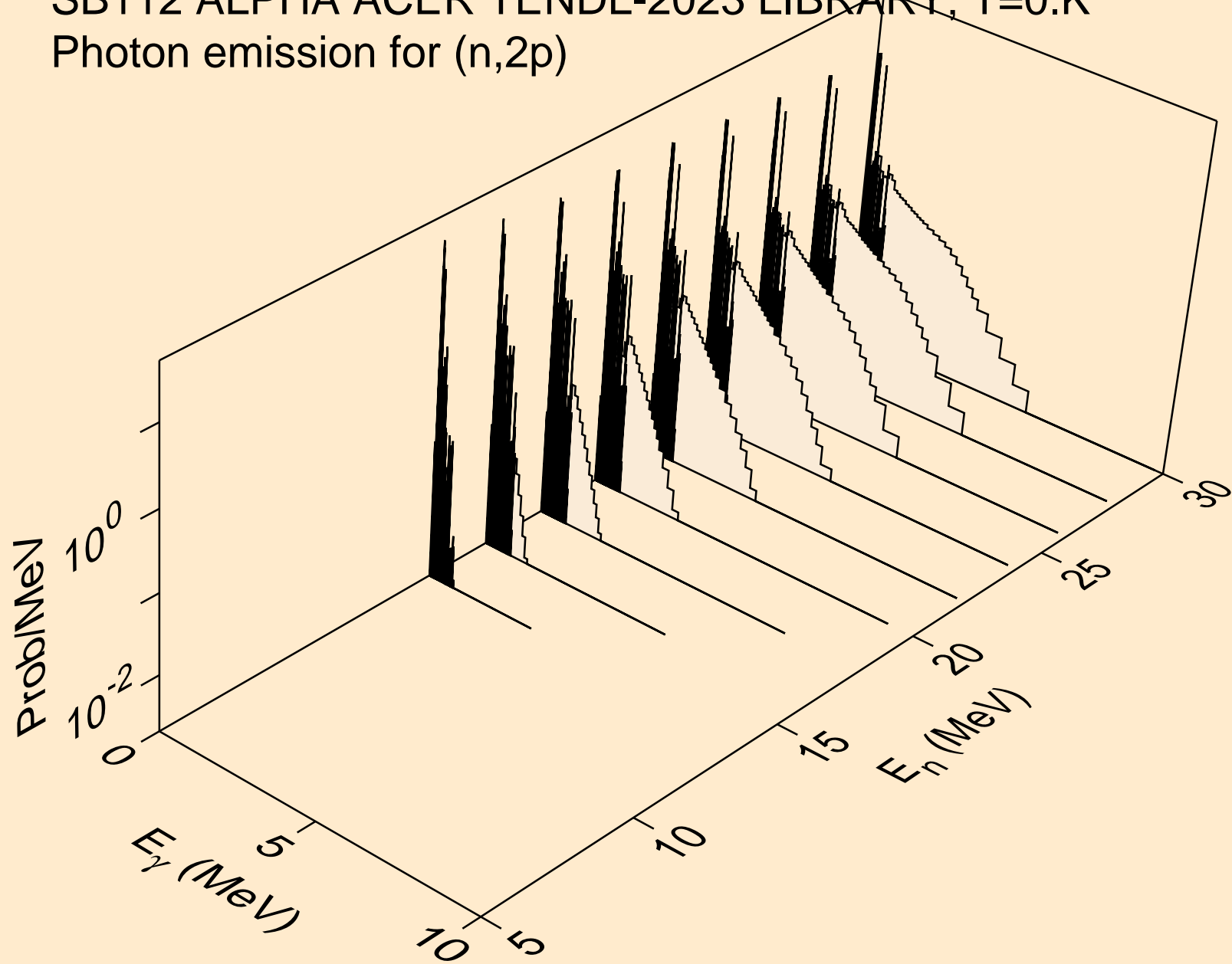
SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



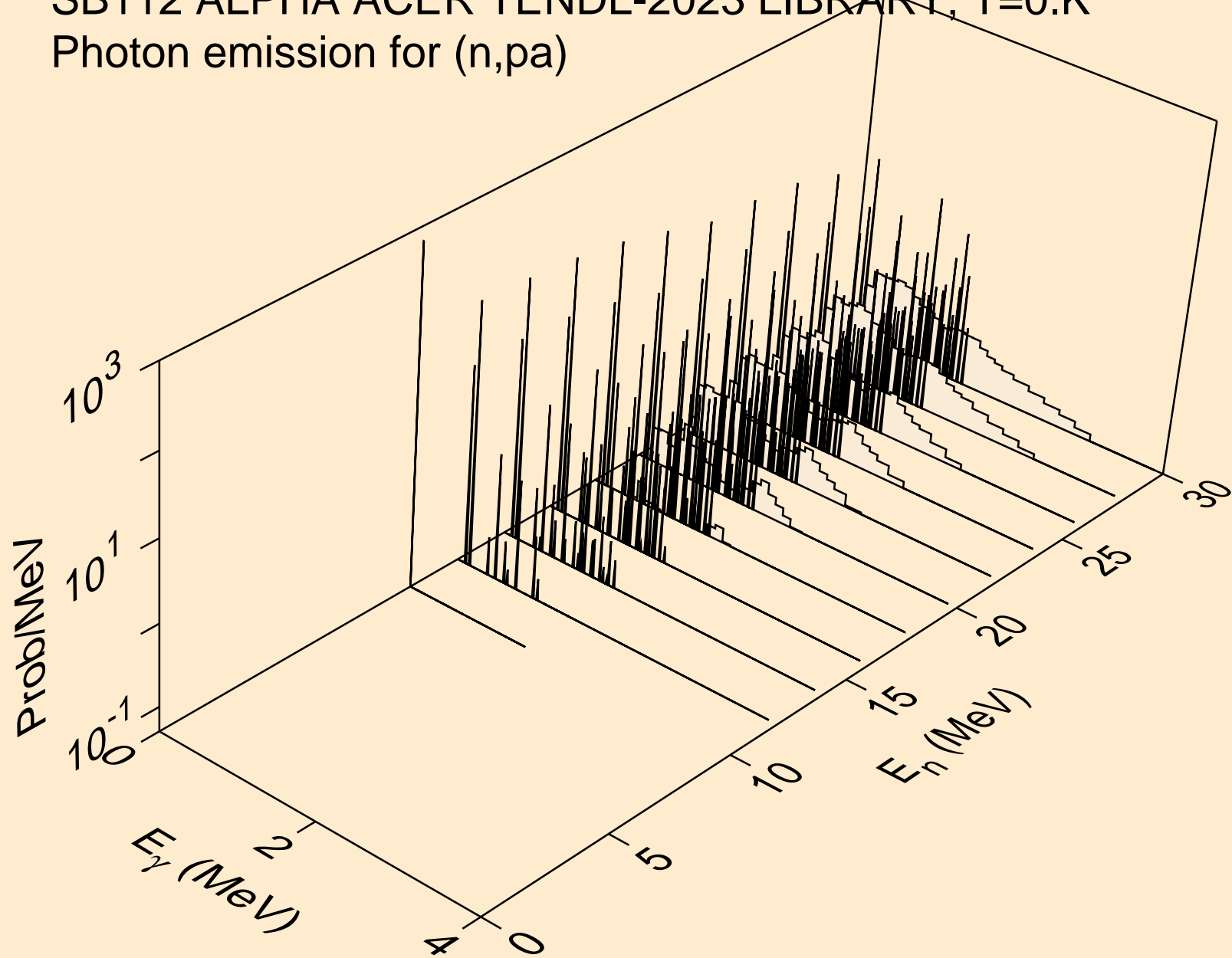
SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



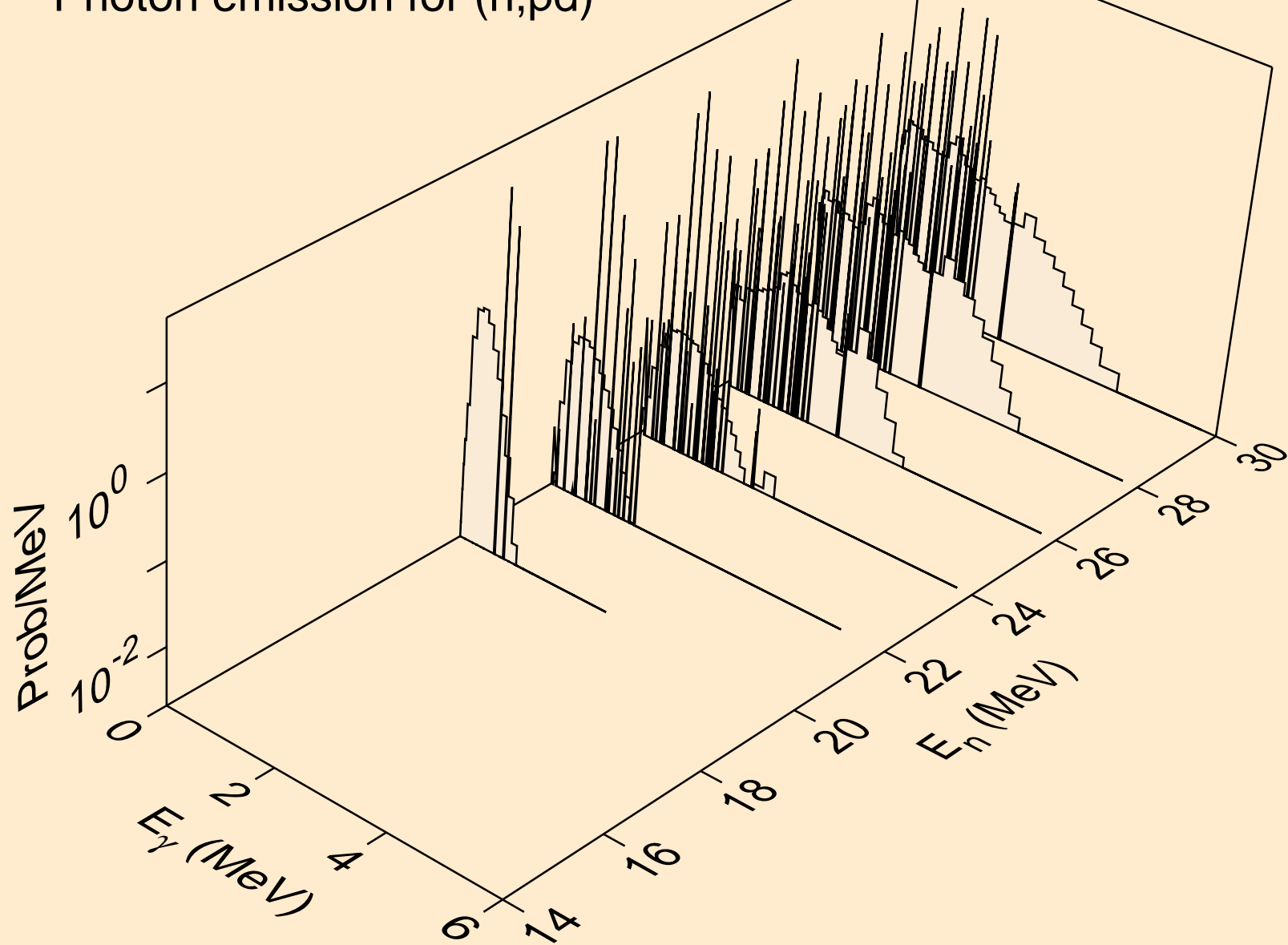
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Photon emission for (n,2p)



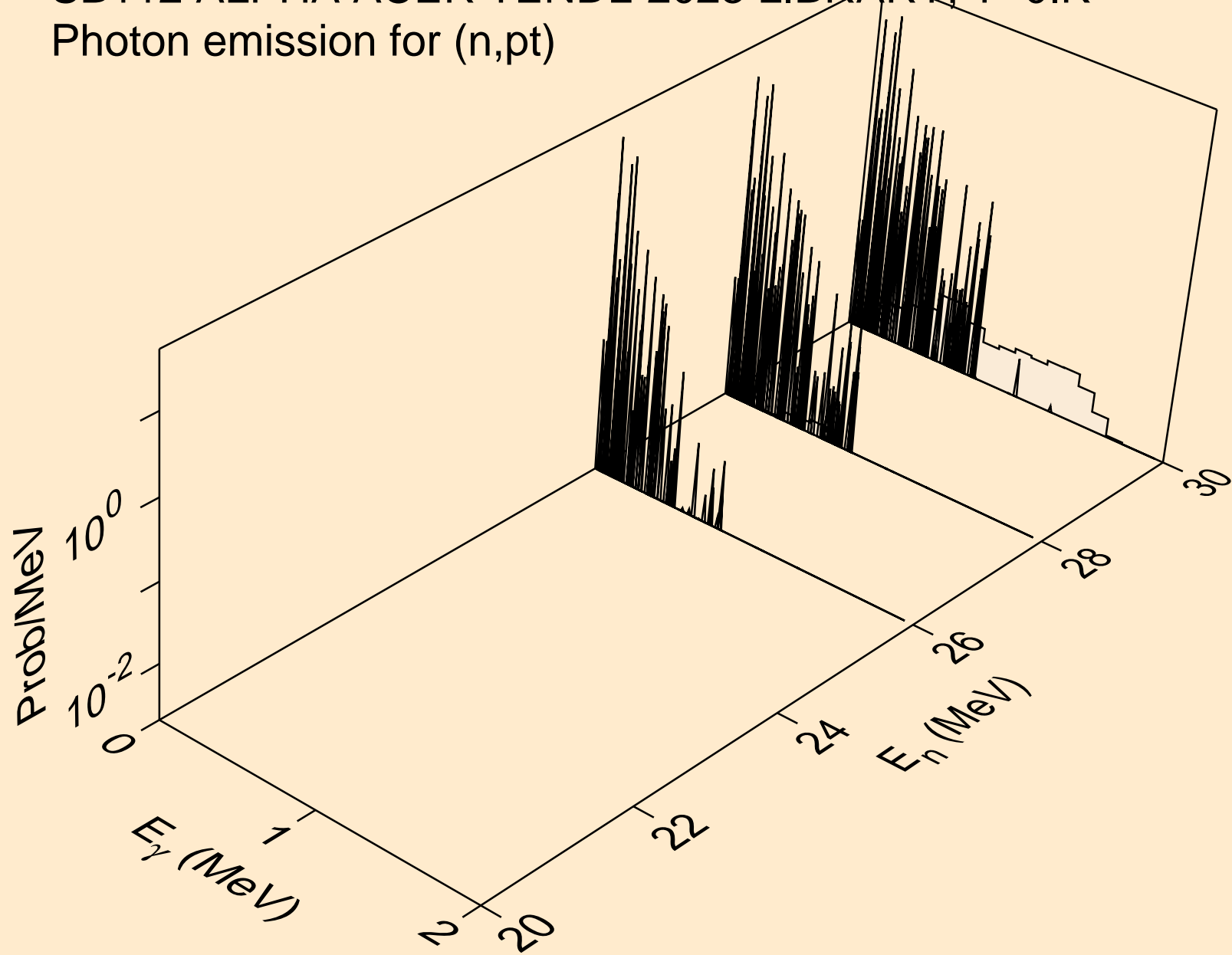
SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)

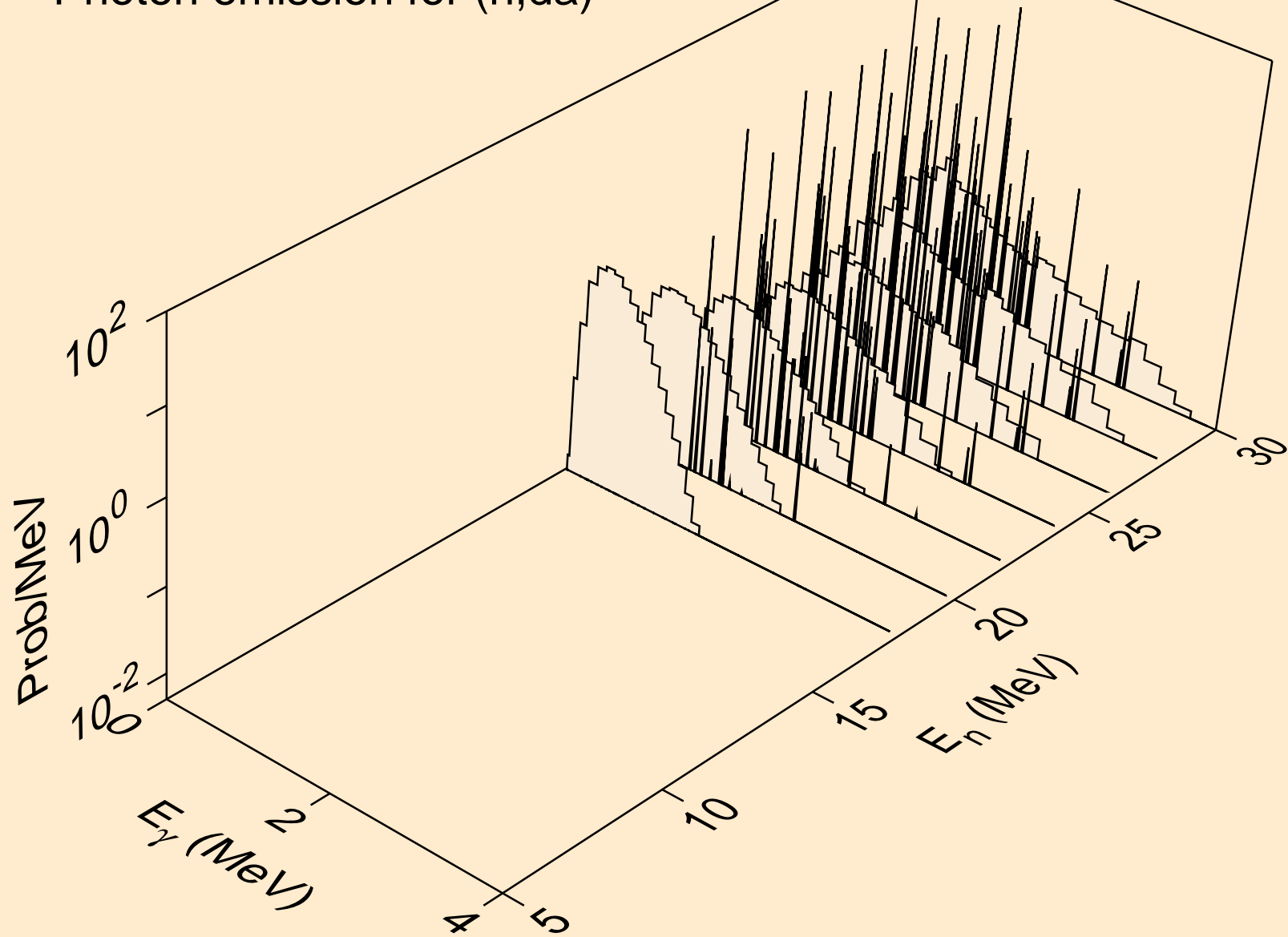


SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



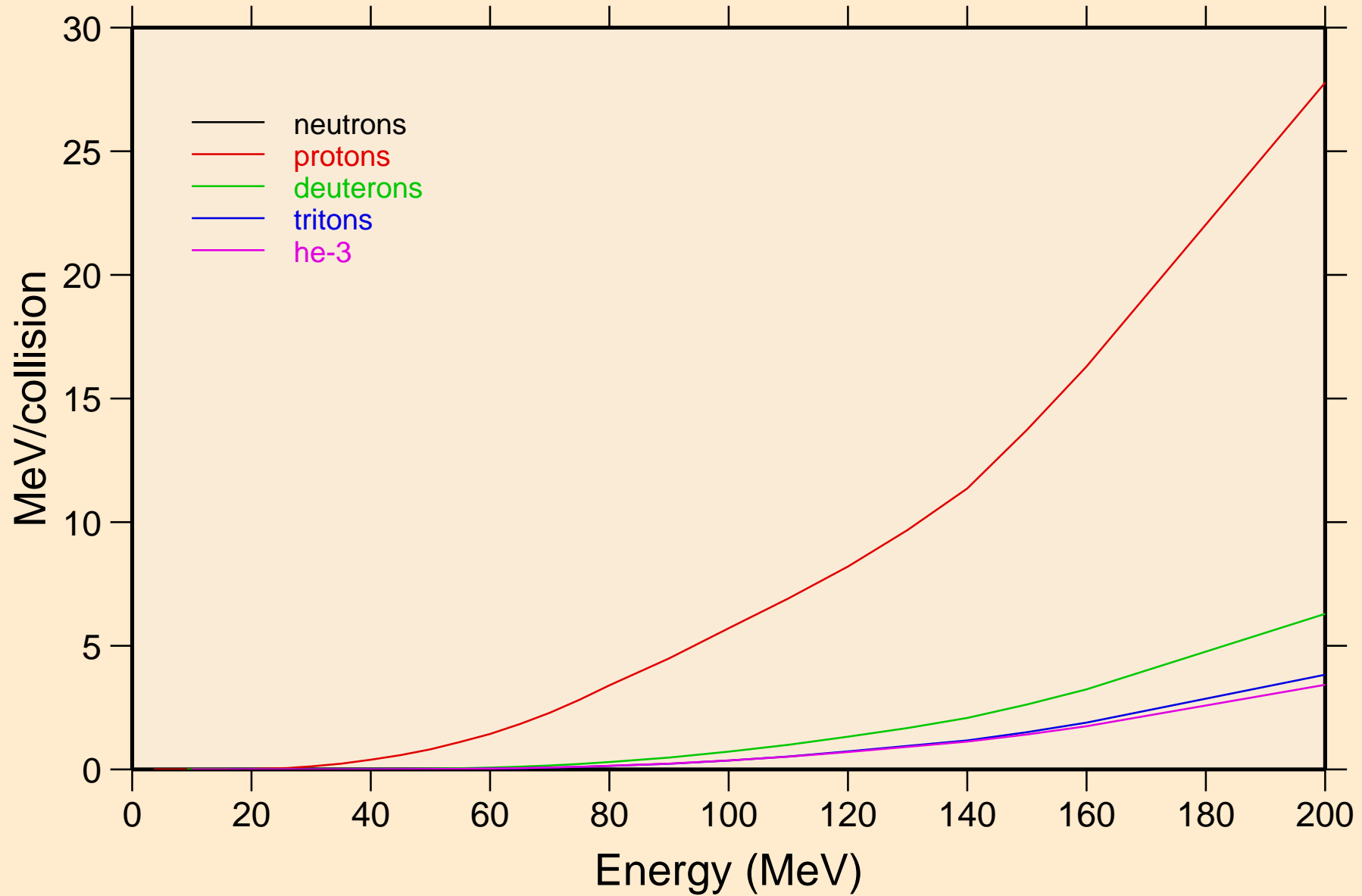


SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)

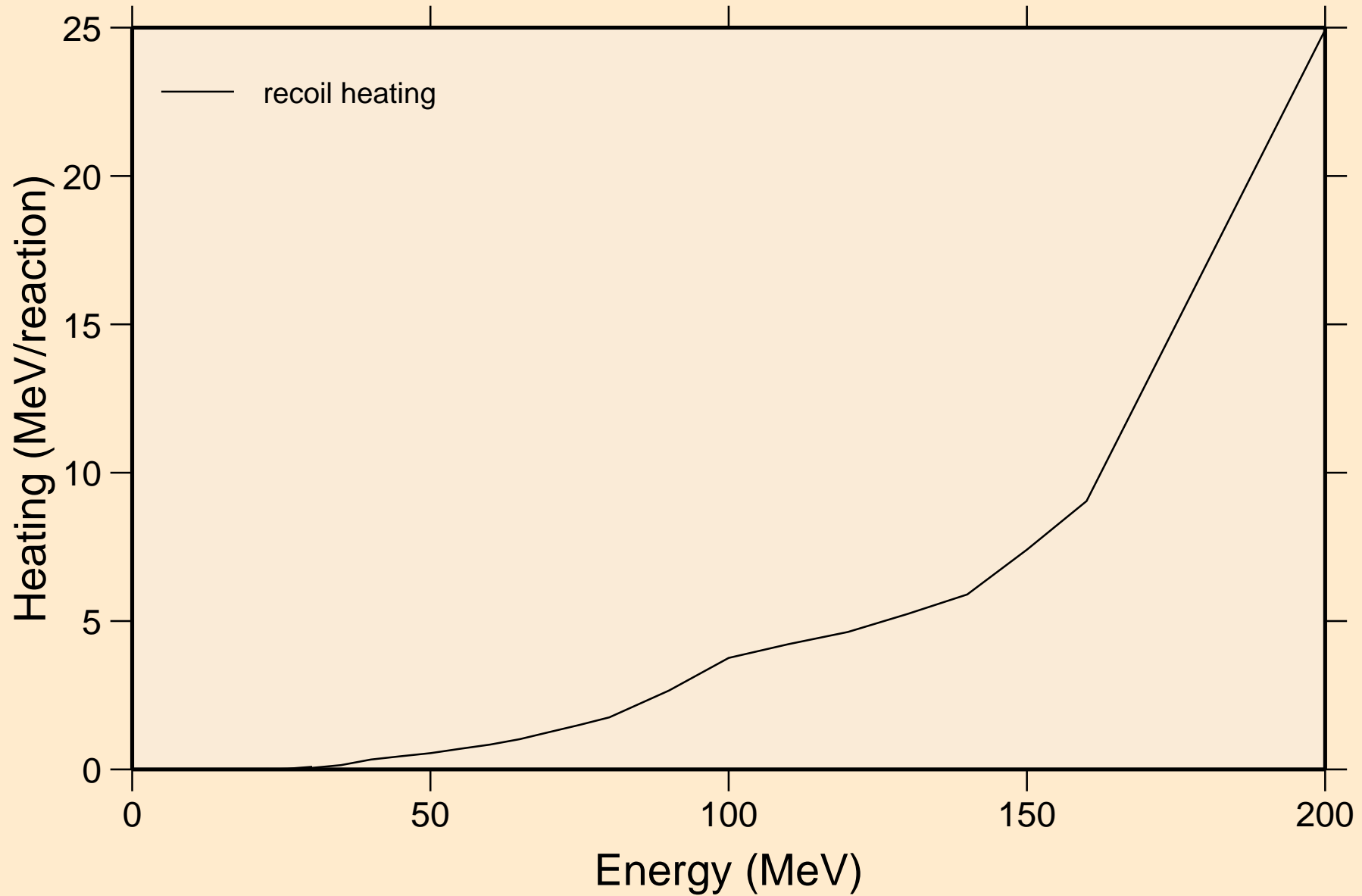


# SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

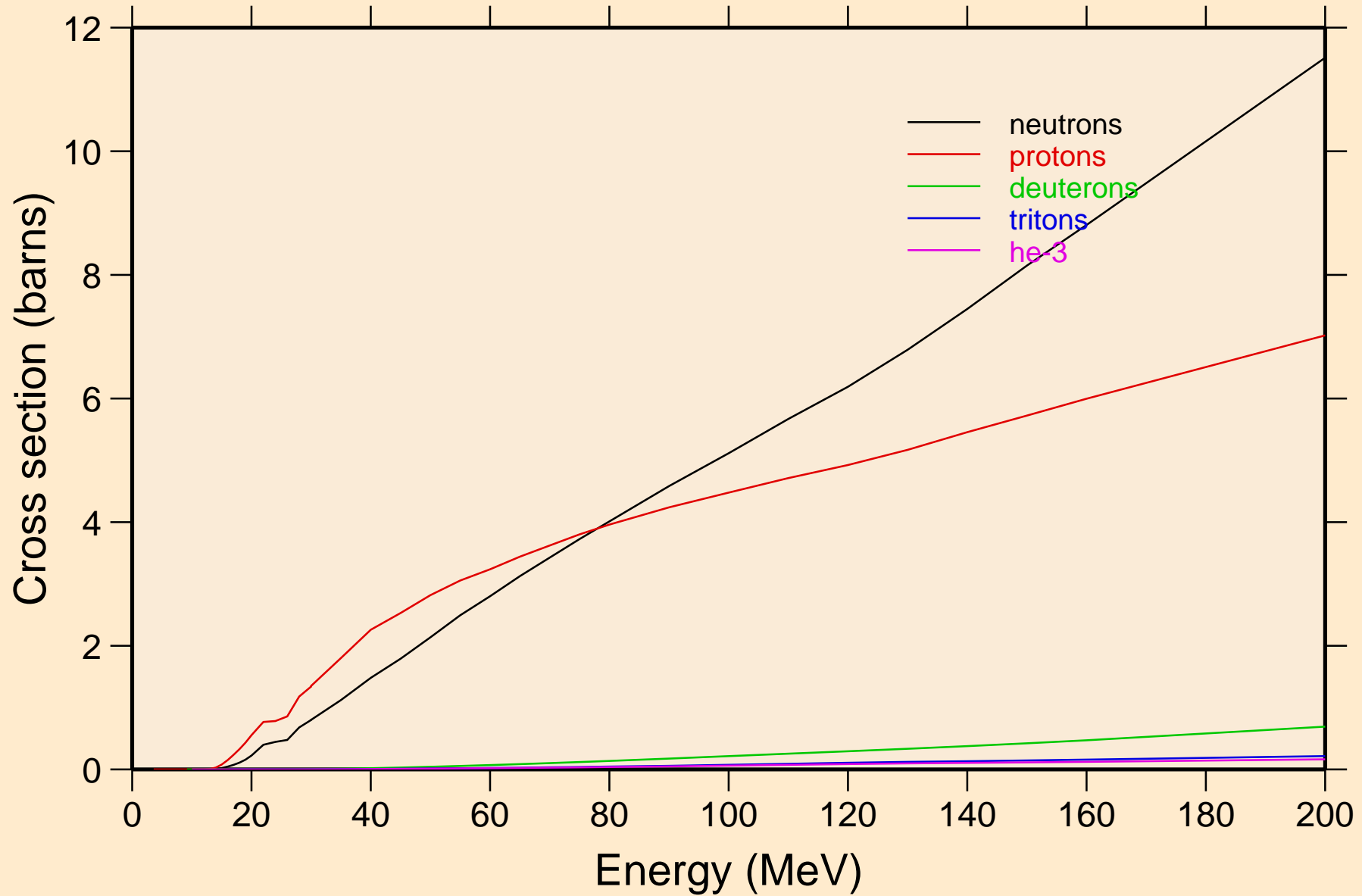
## Particle heating contributions



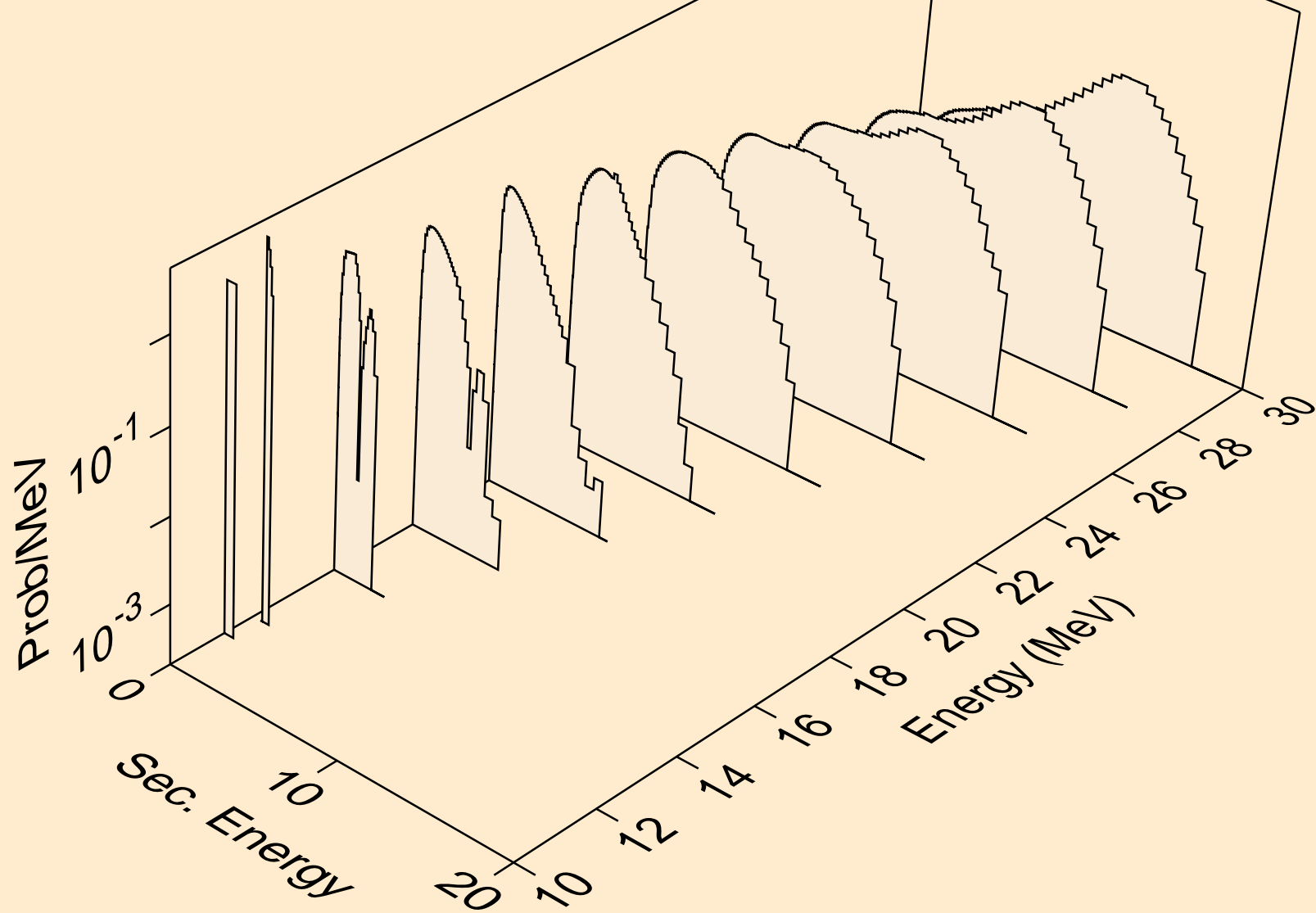
SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



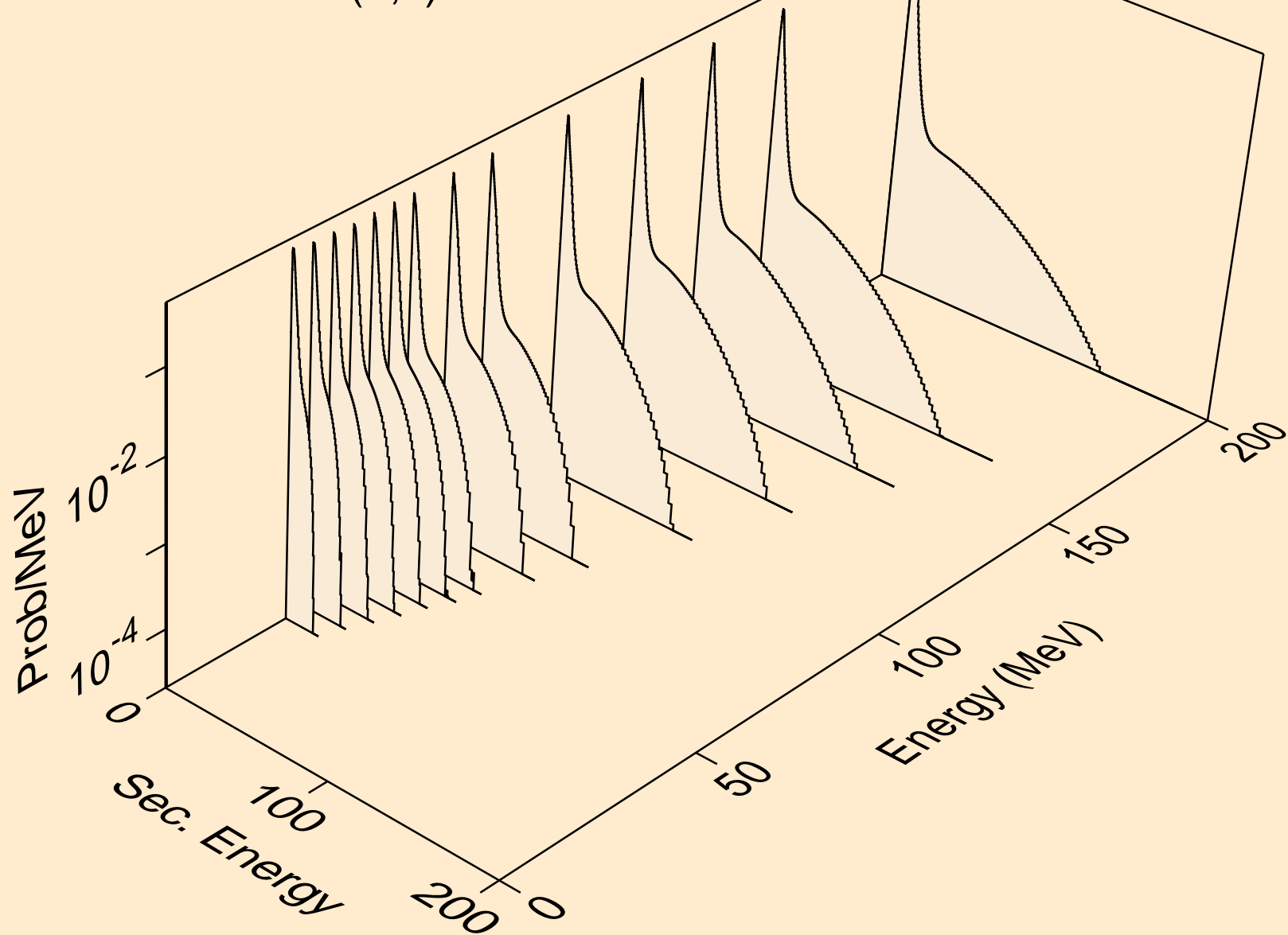
SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



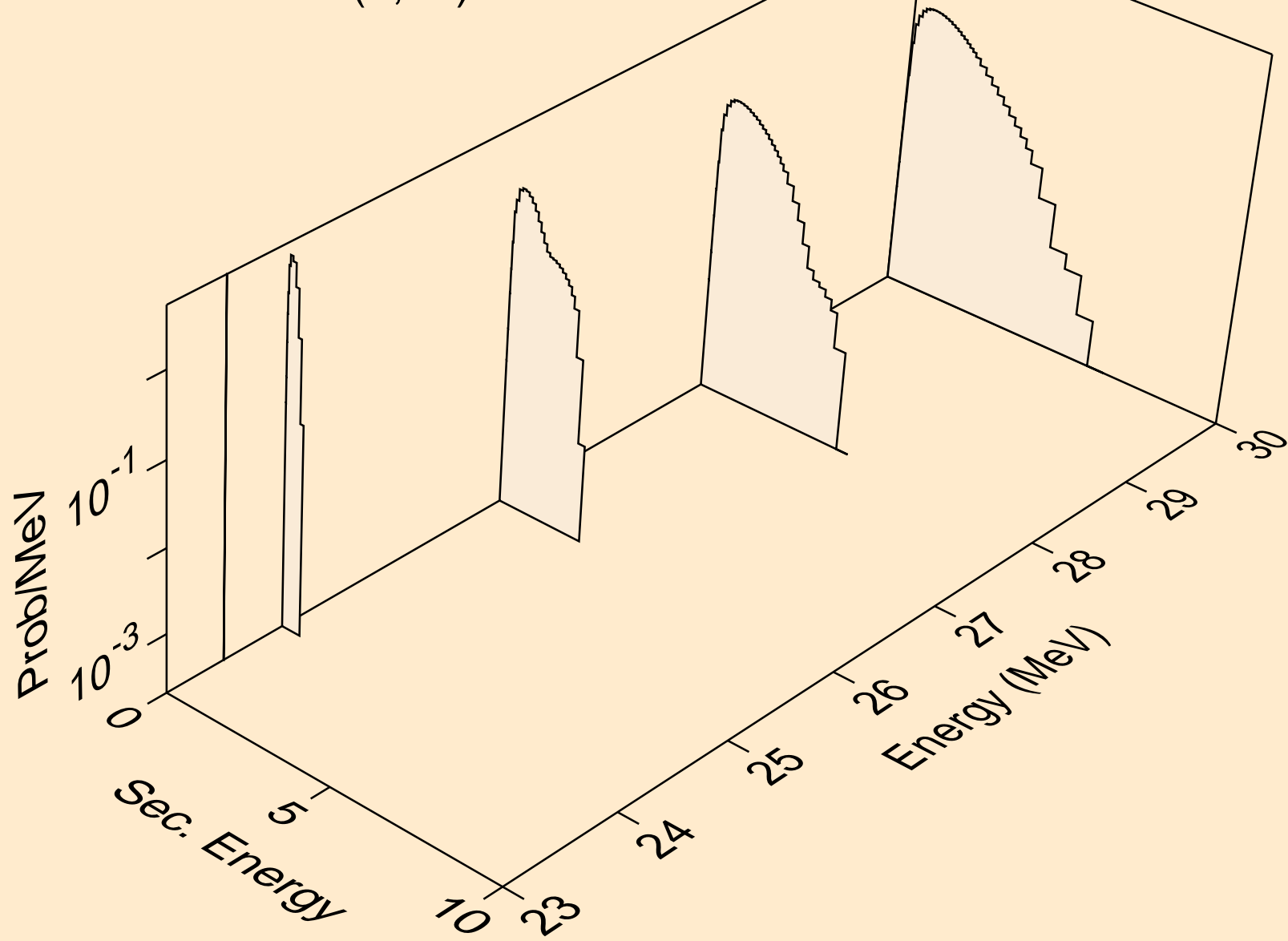
SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)



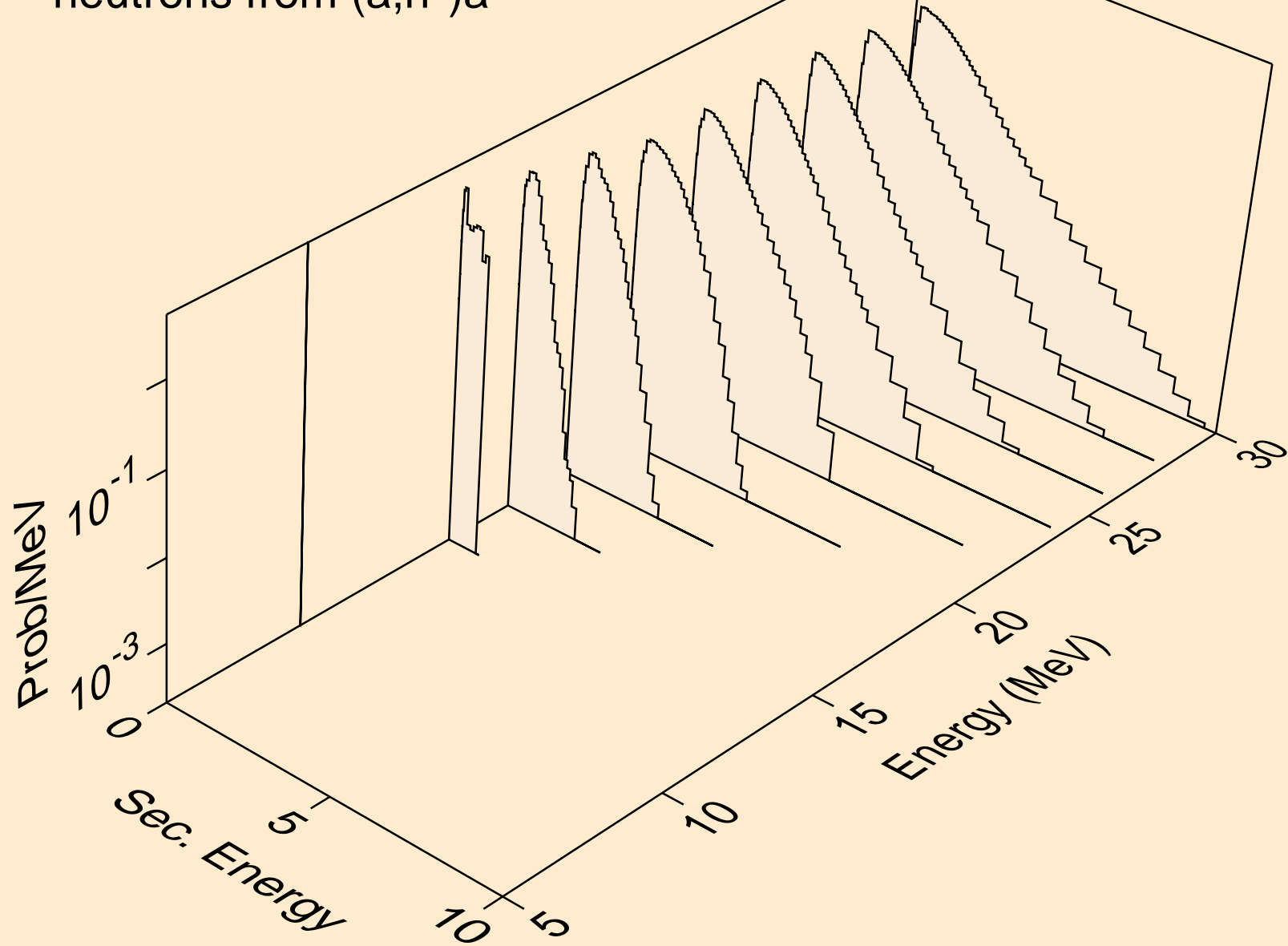
SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)



SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)

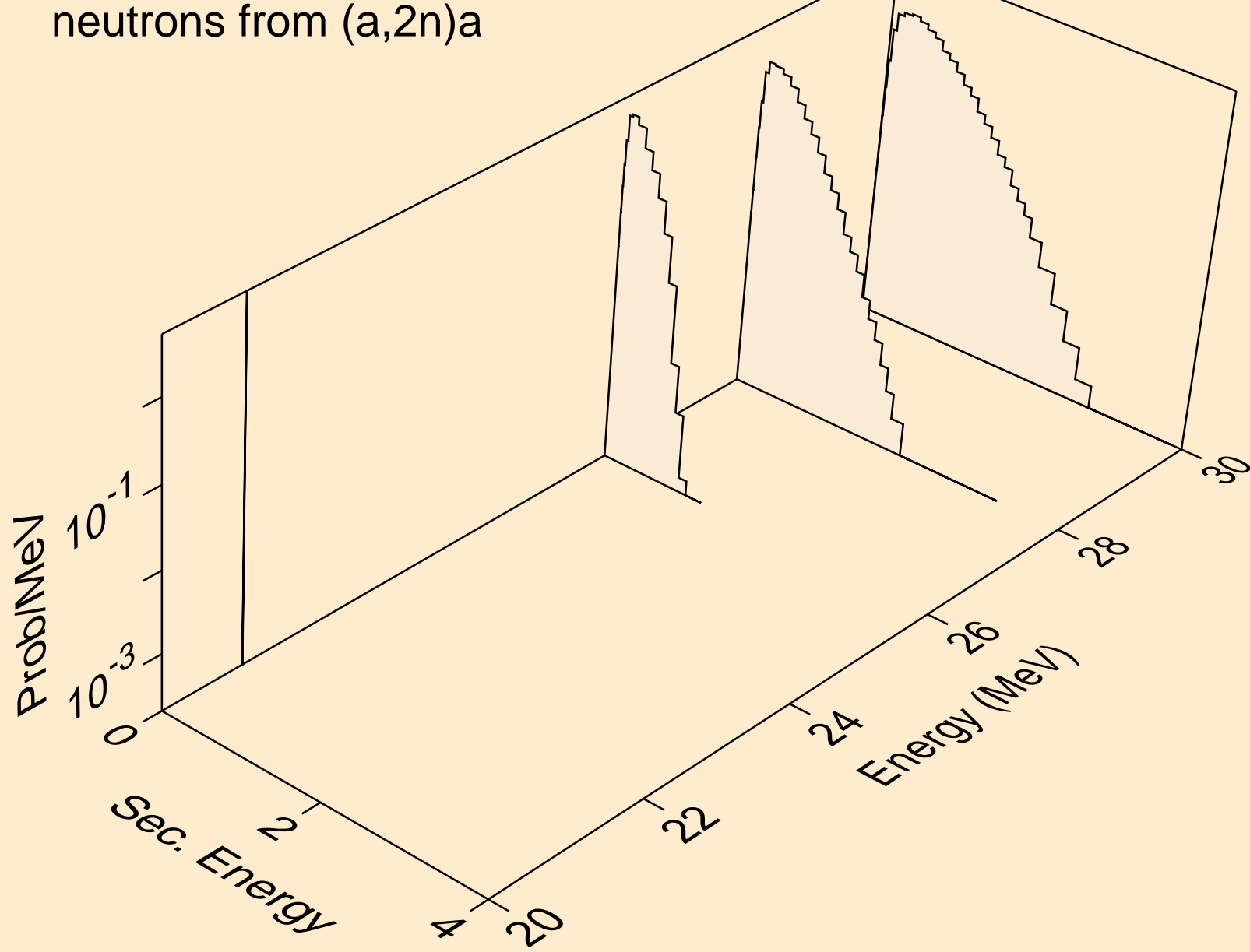


SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a

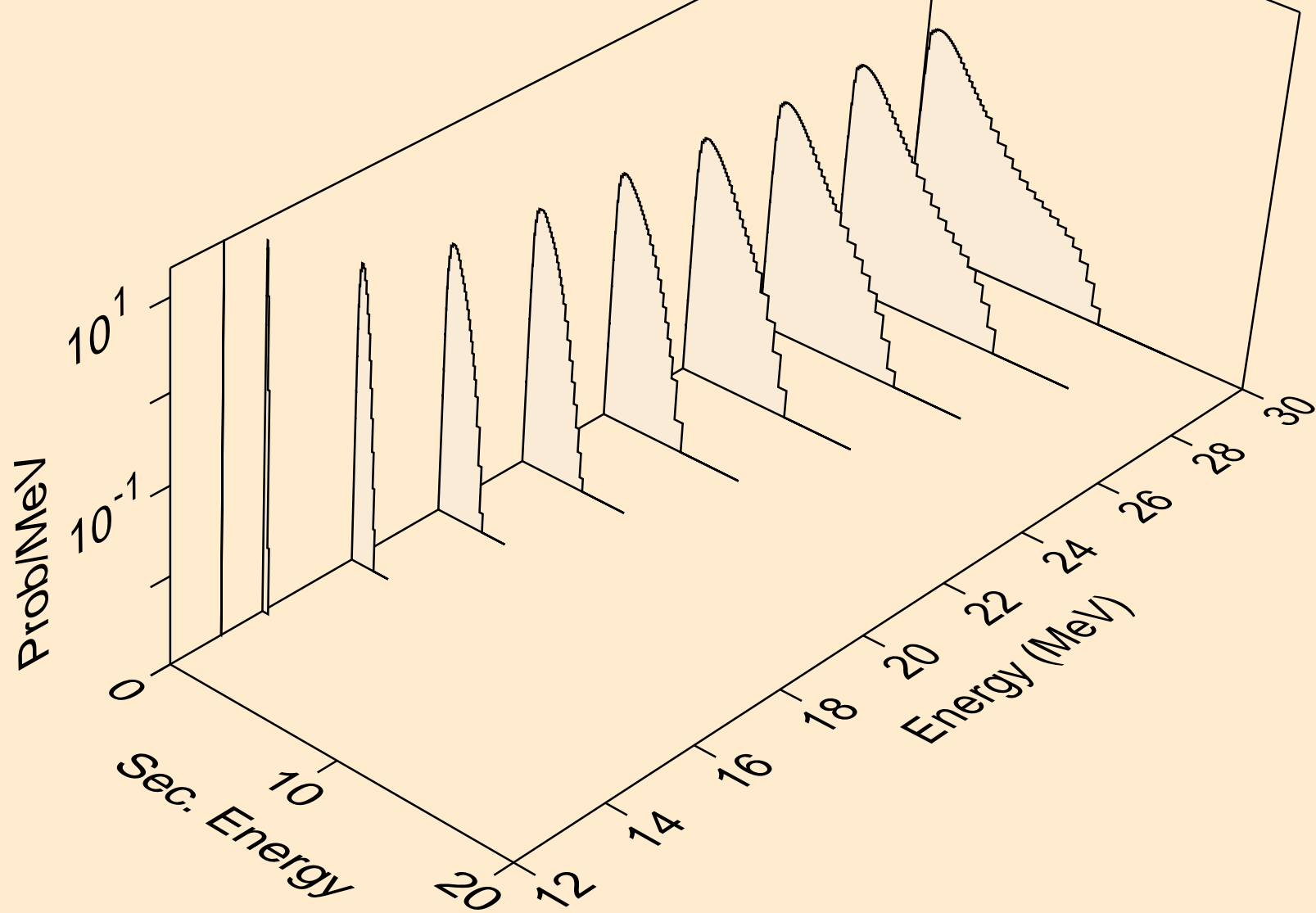




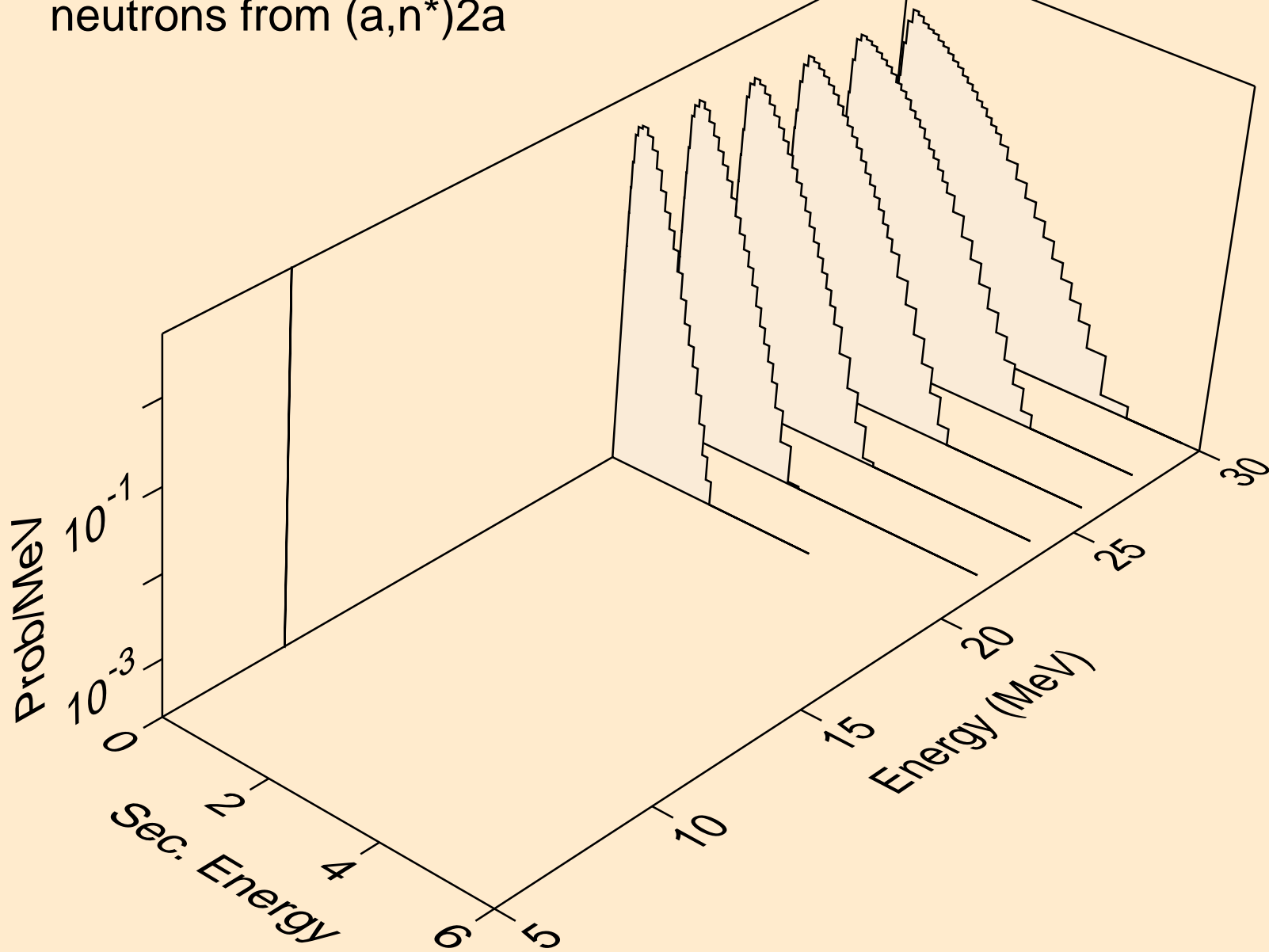
SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)a



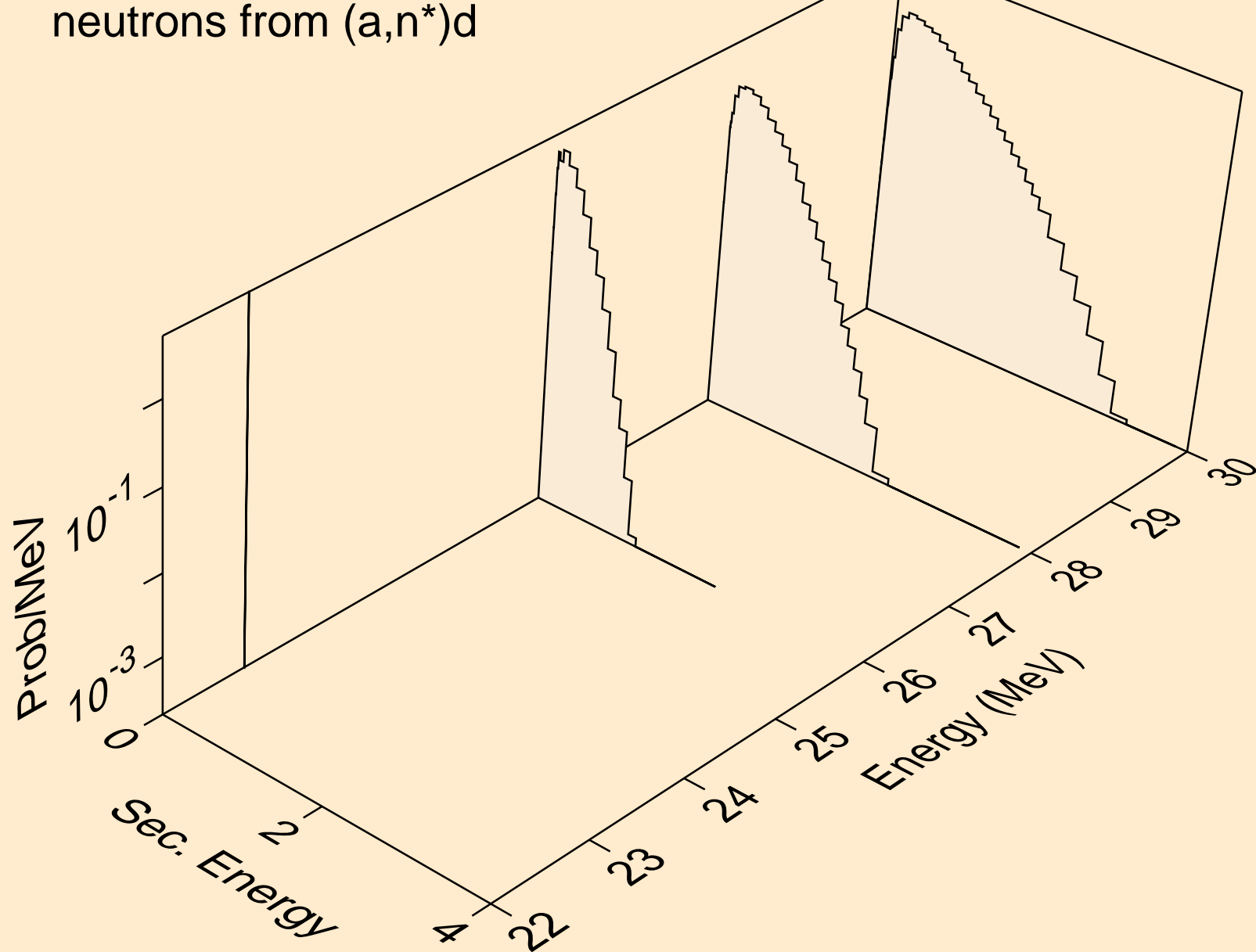
SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)p



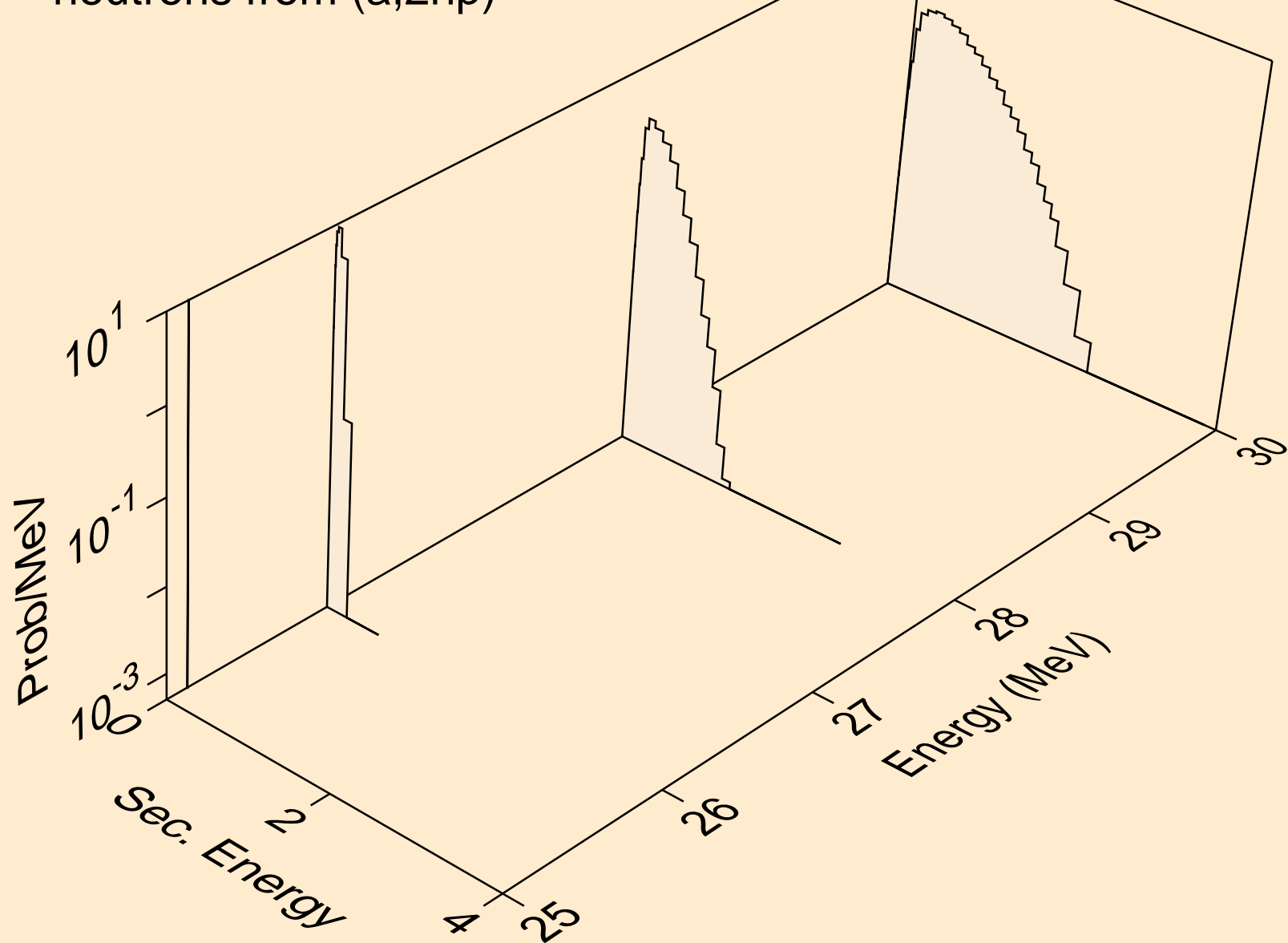
SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)2a



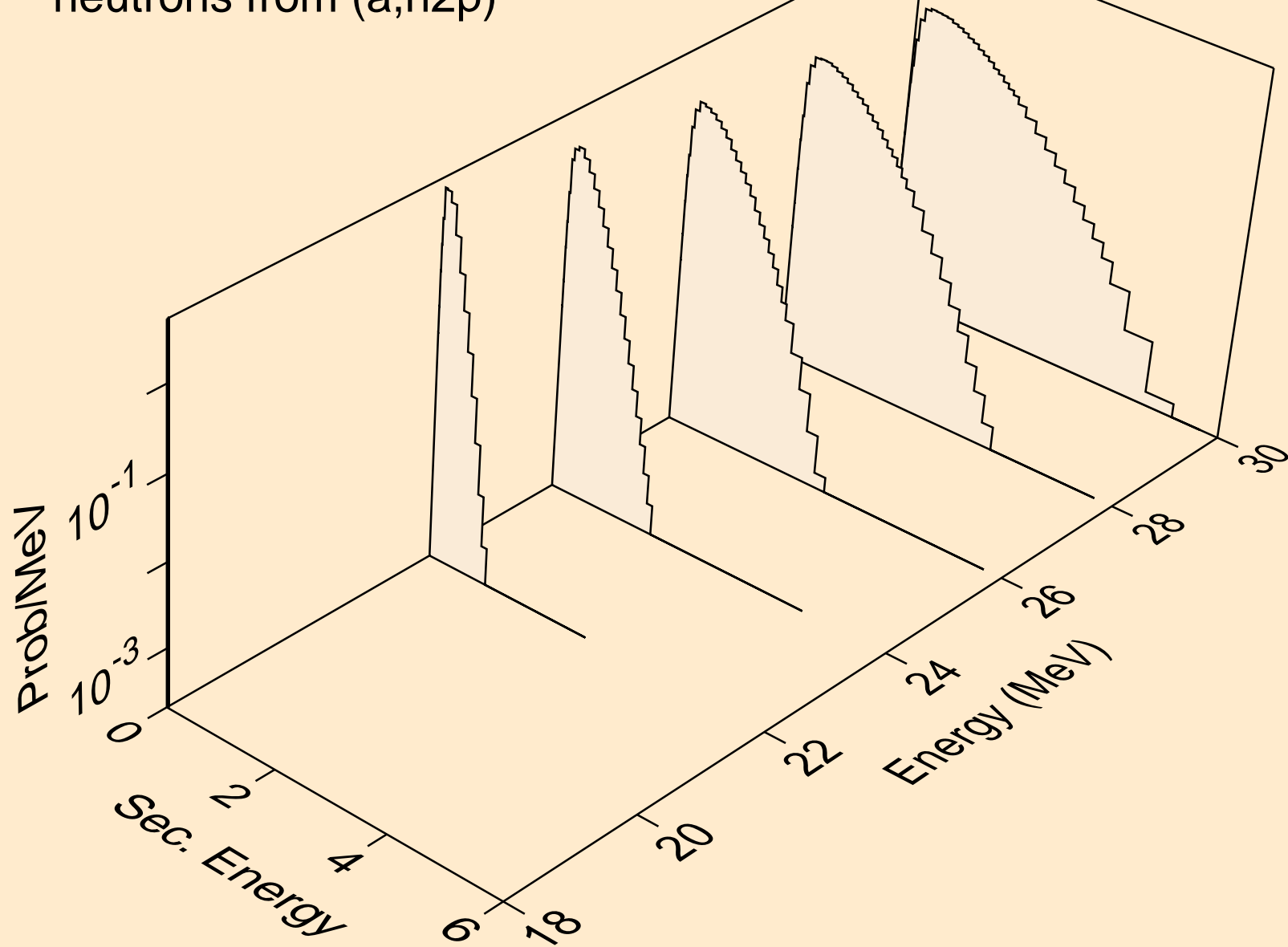
SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)d



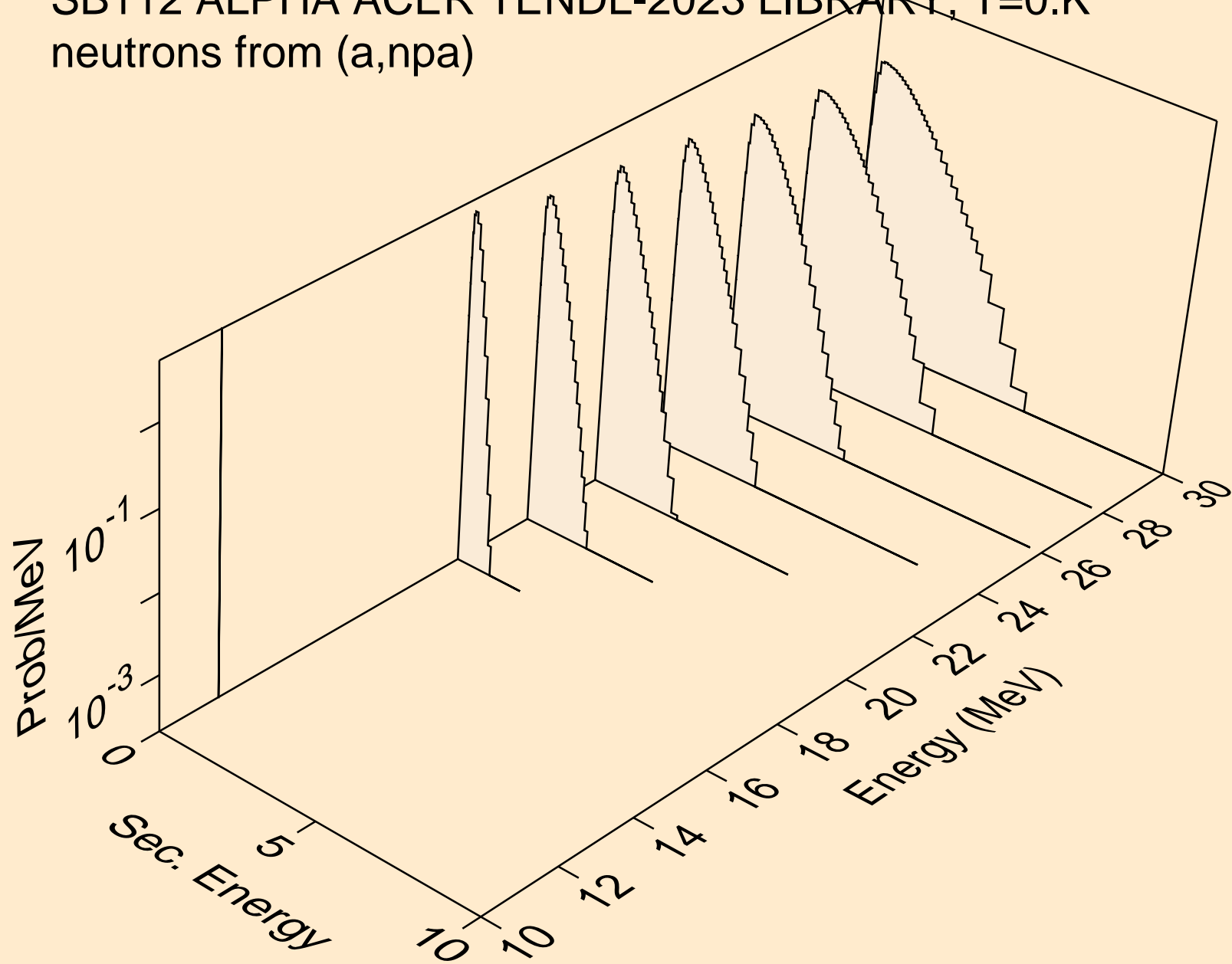
SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2np)



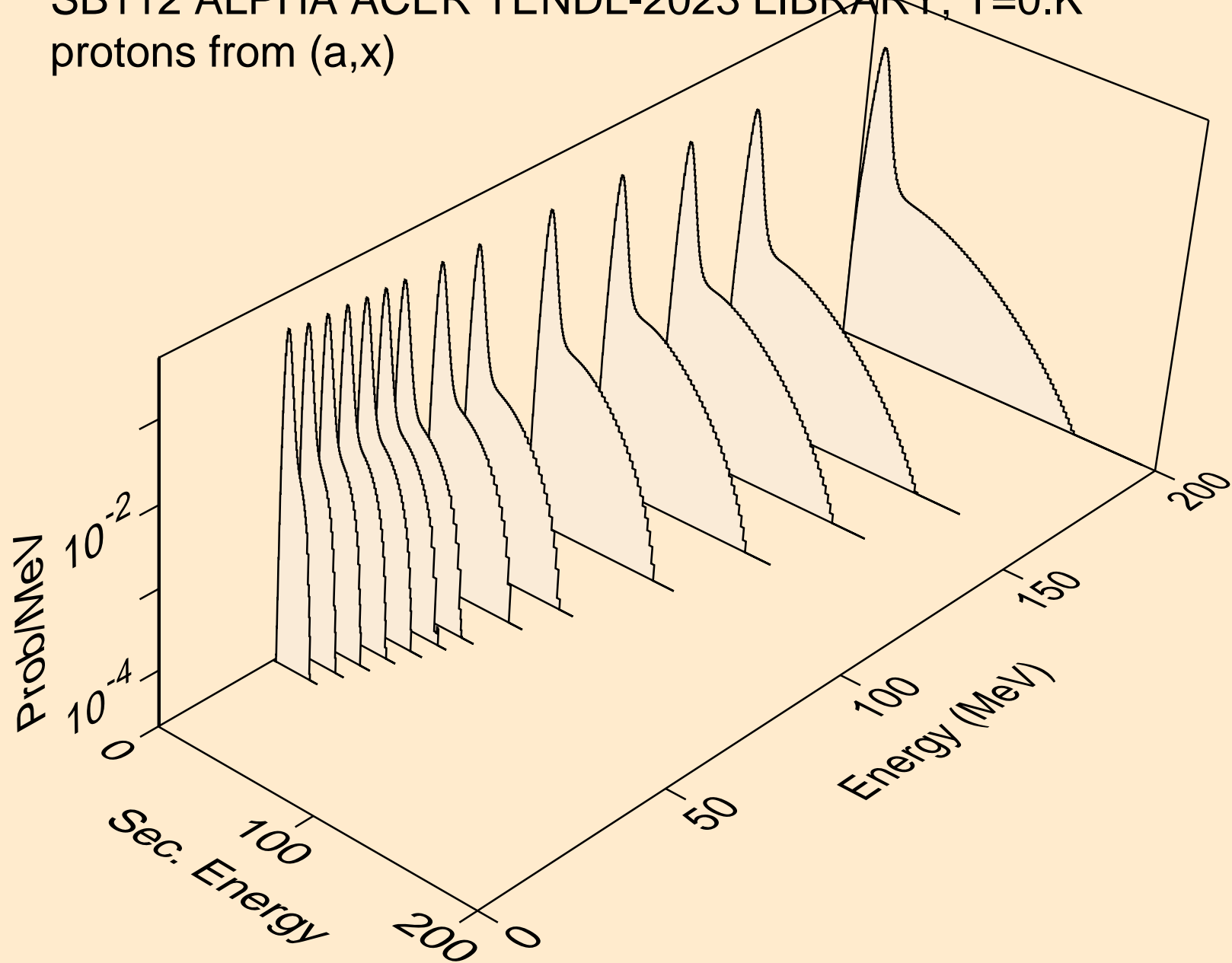
SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n2p)



SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,npa)

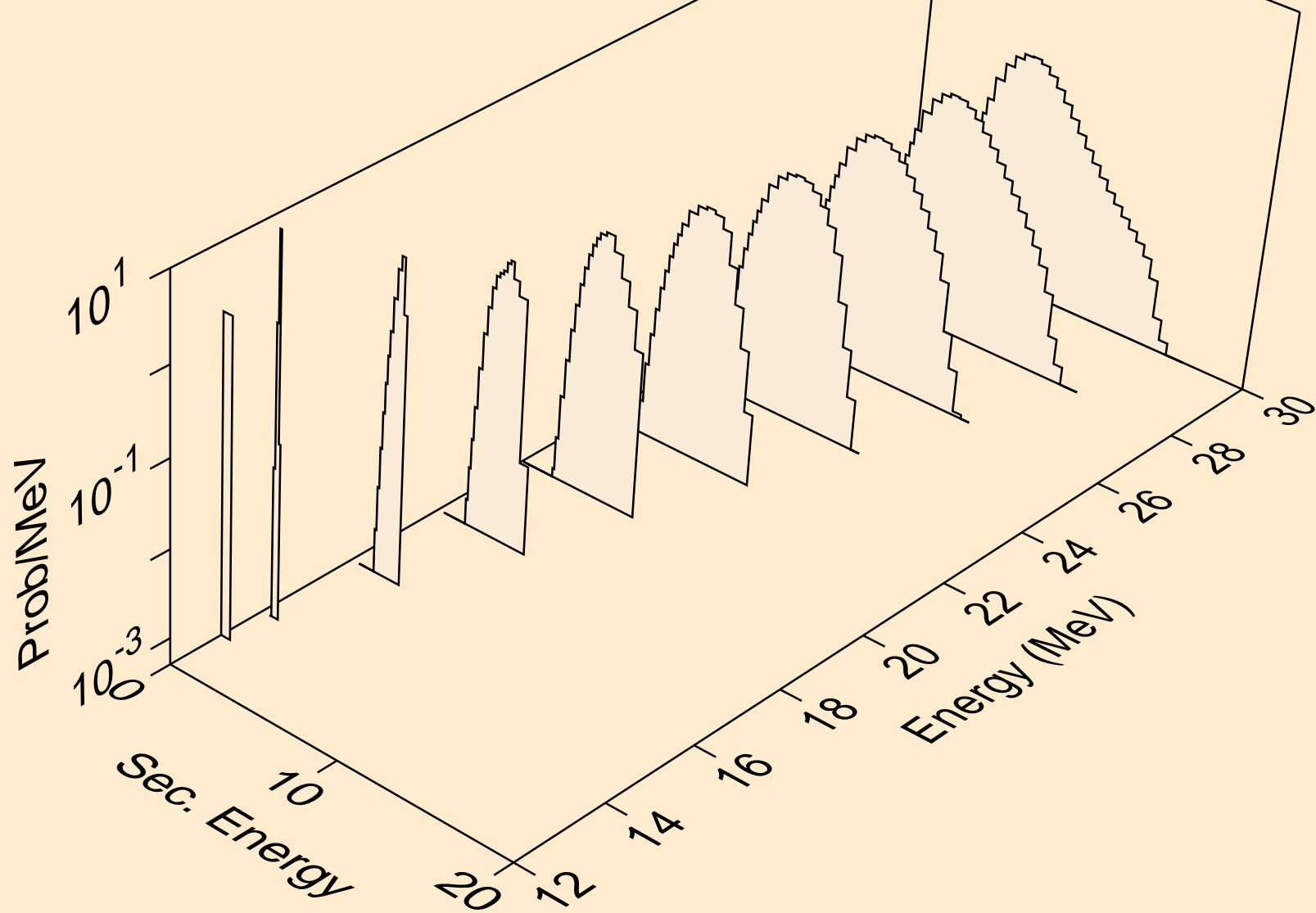


SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,x)

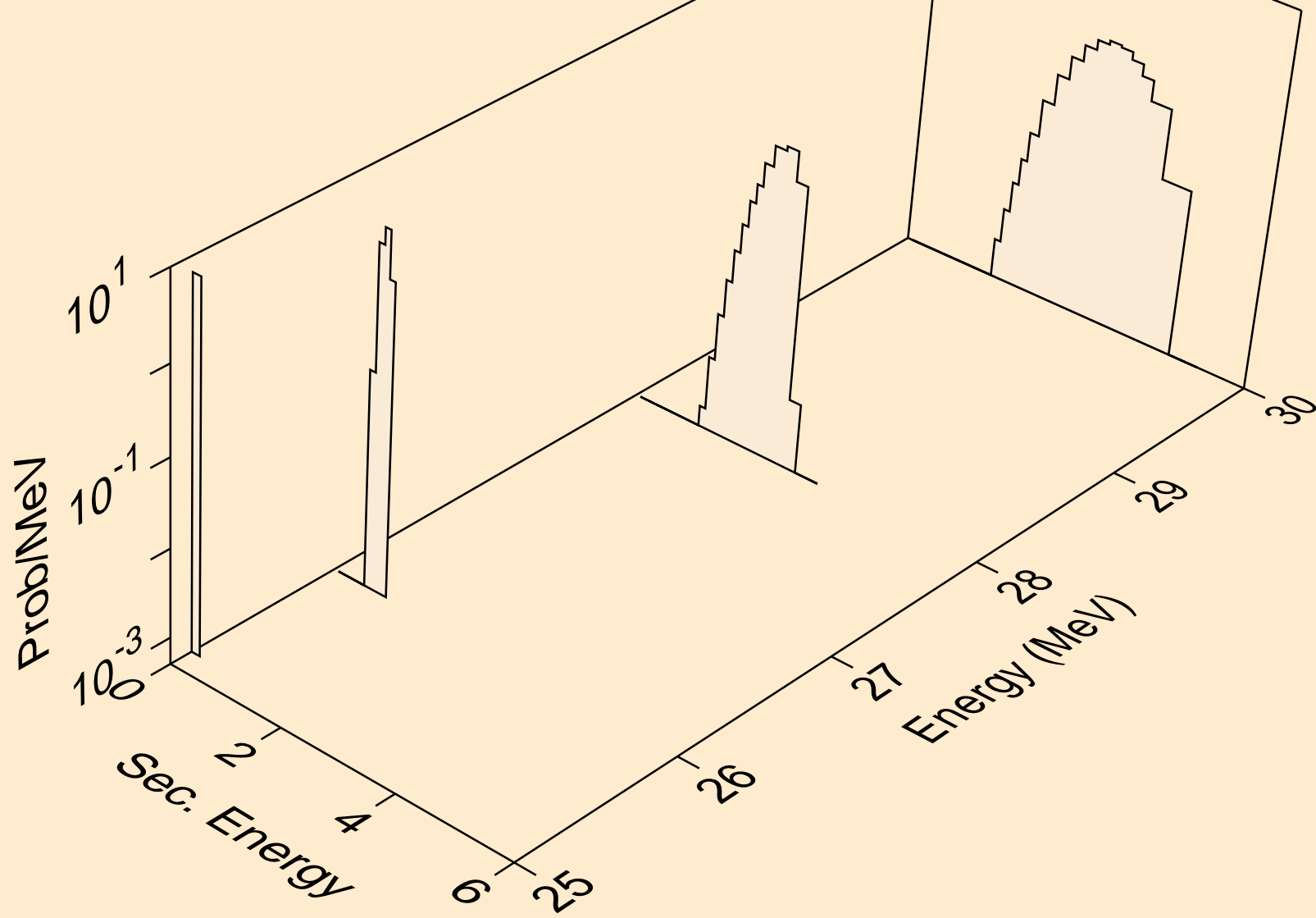




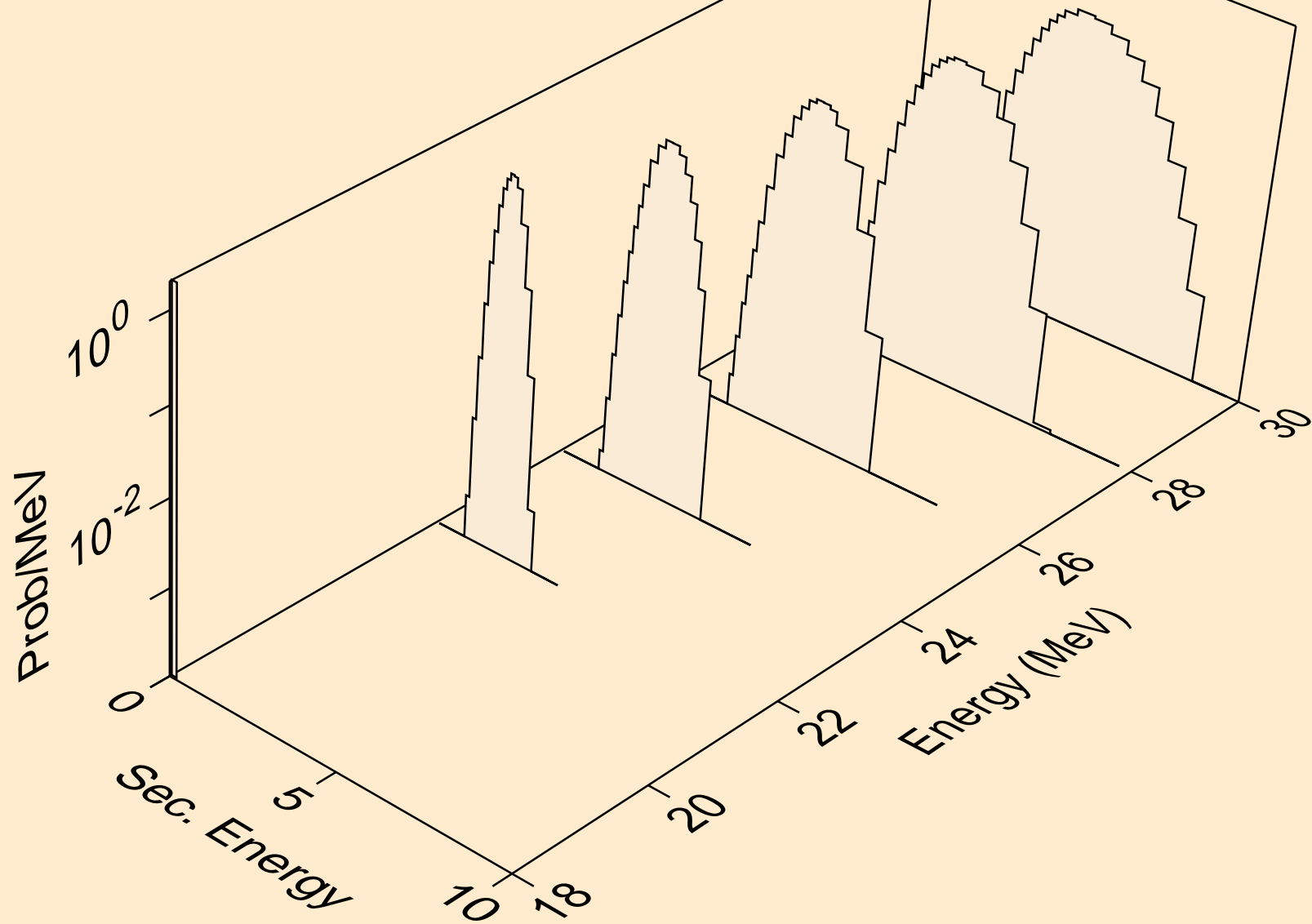
SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n\*)p



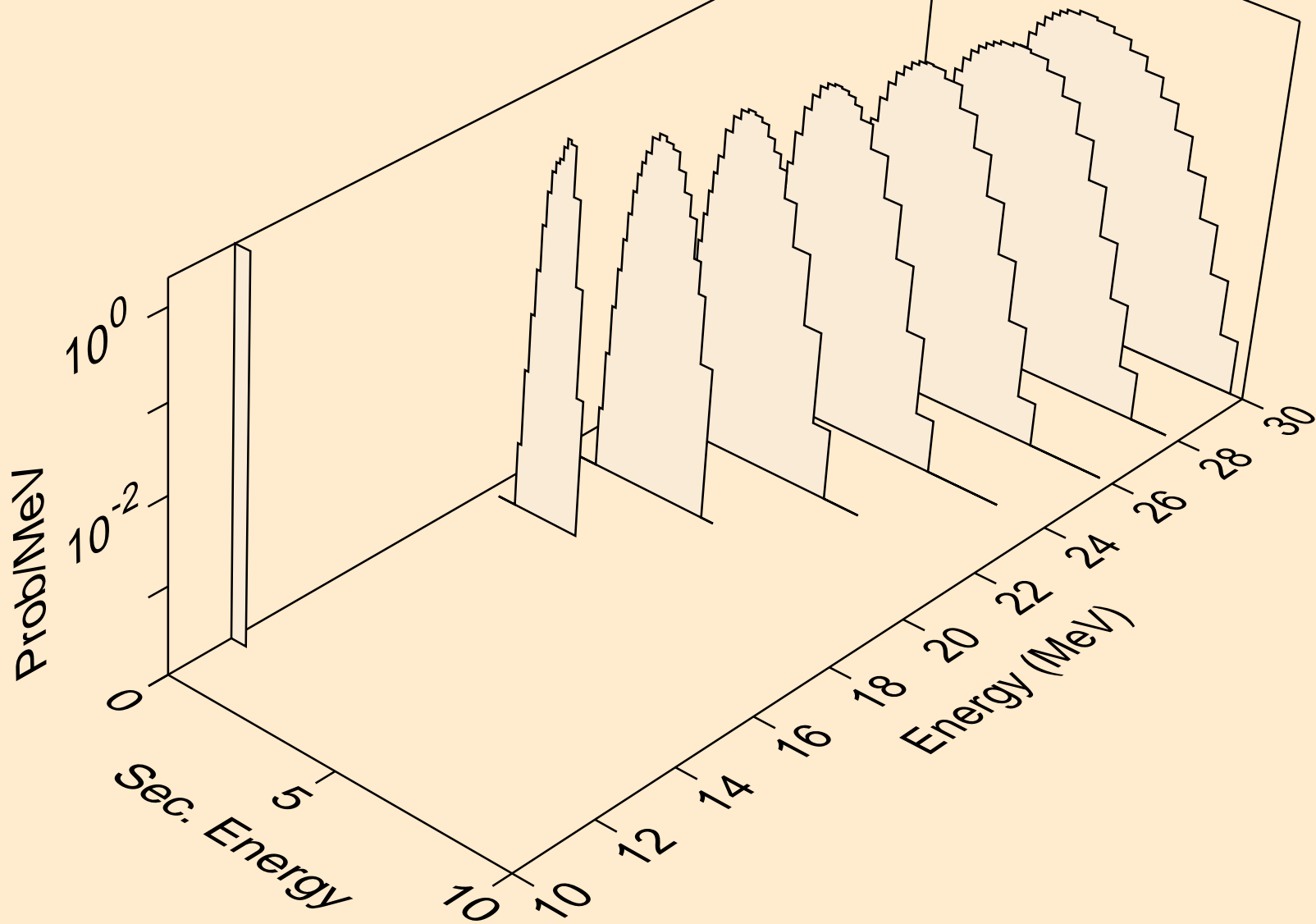
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protons from (a,2np)



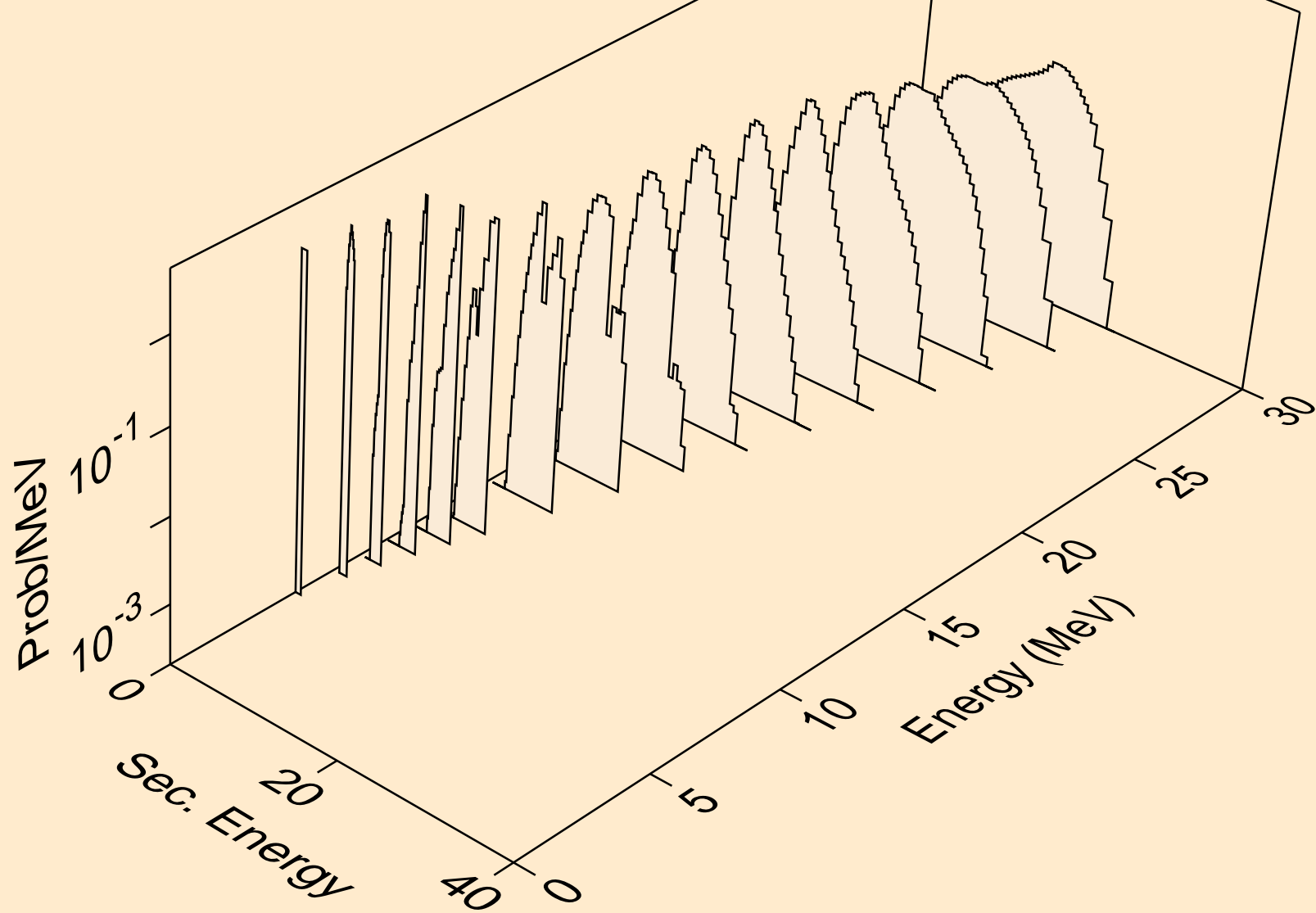
SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n2p)



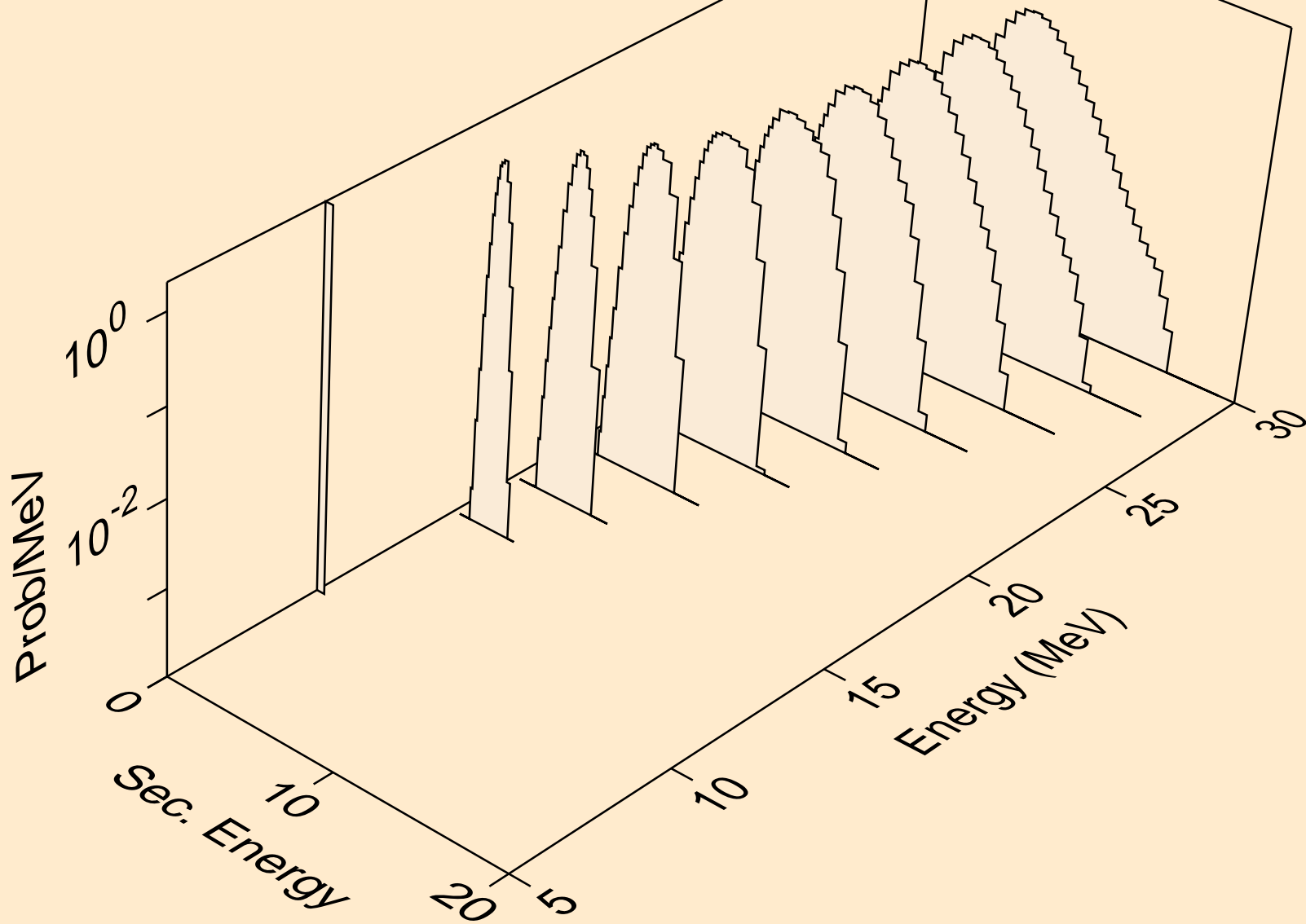
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protons from (a,npa)



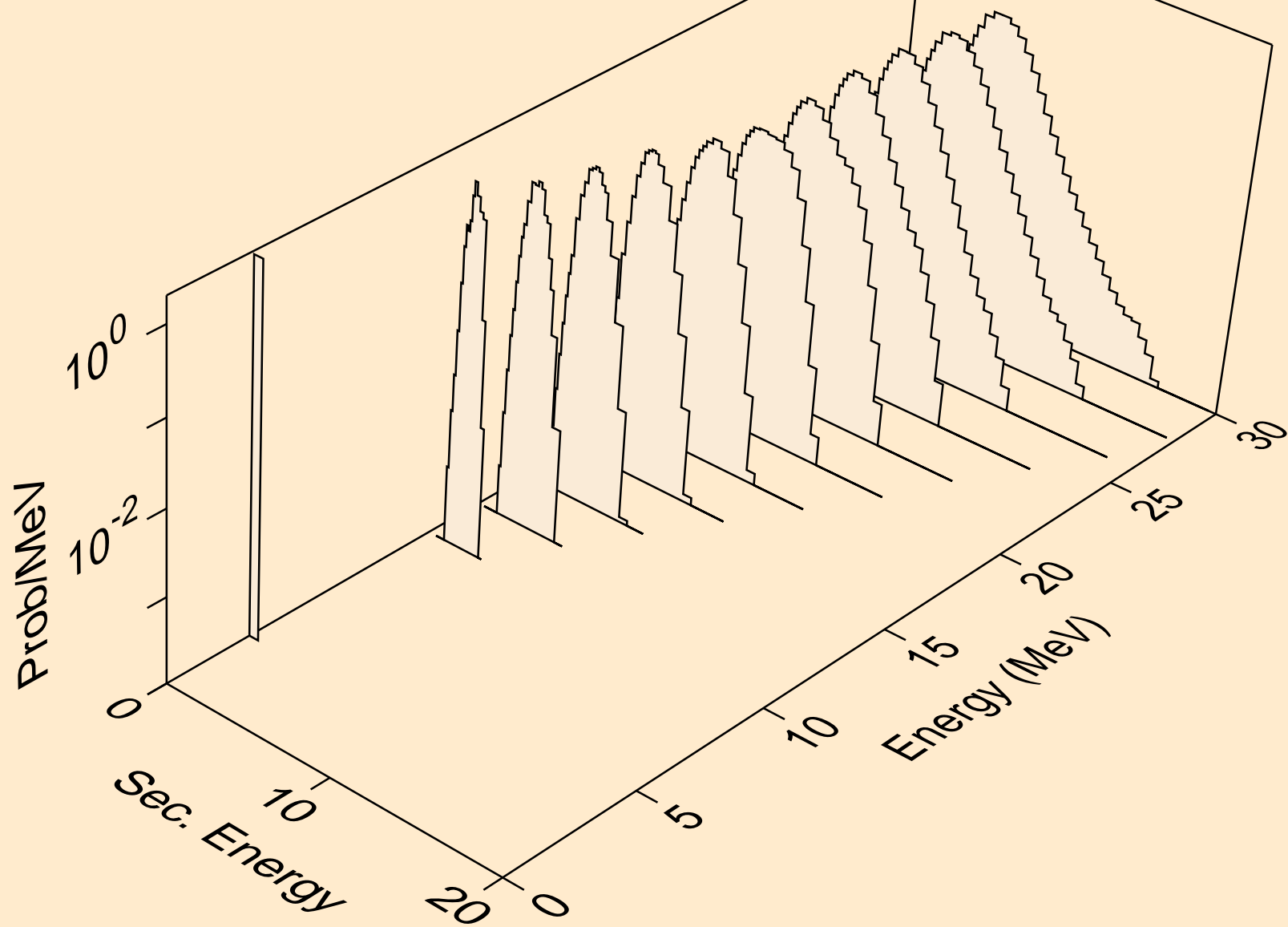
SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,p)



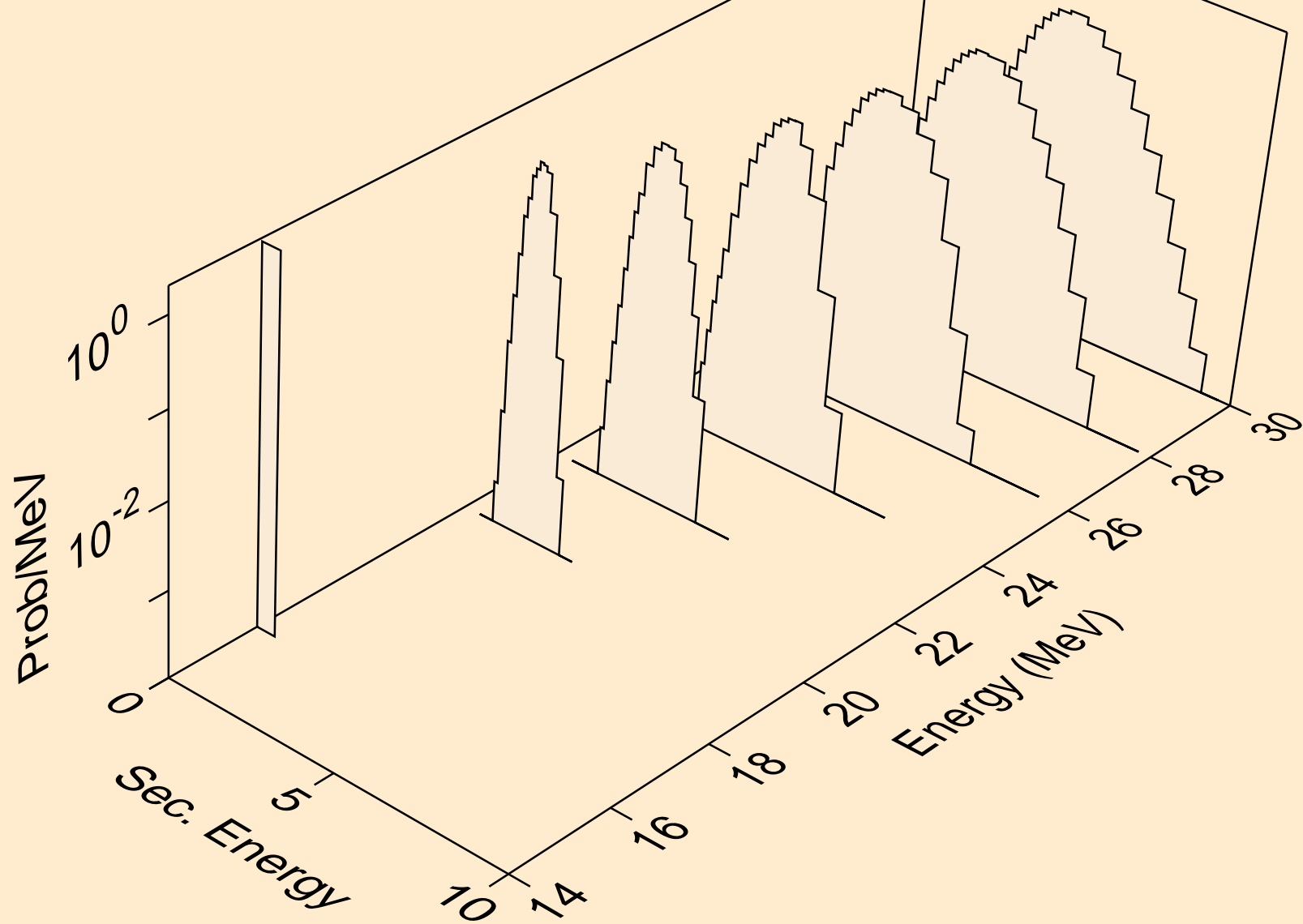
SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2p)



SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pa)

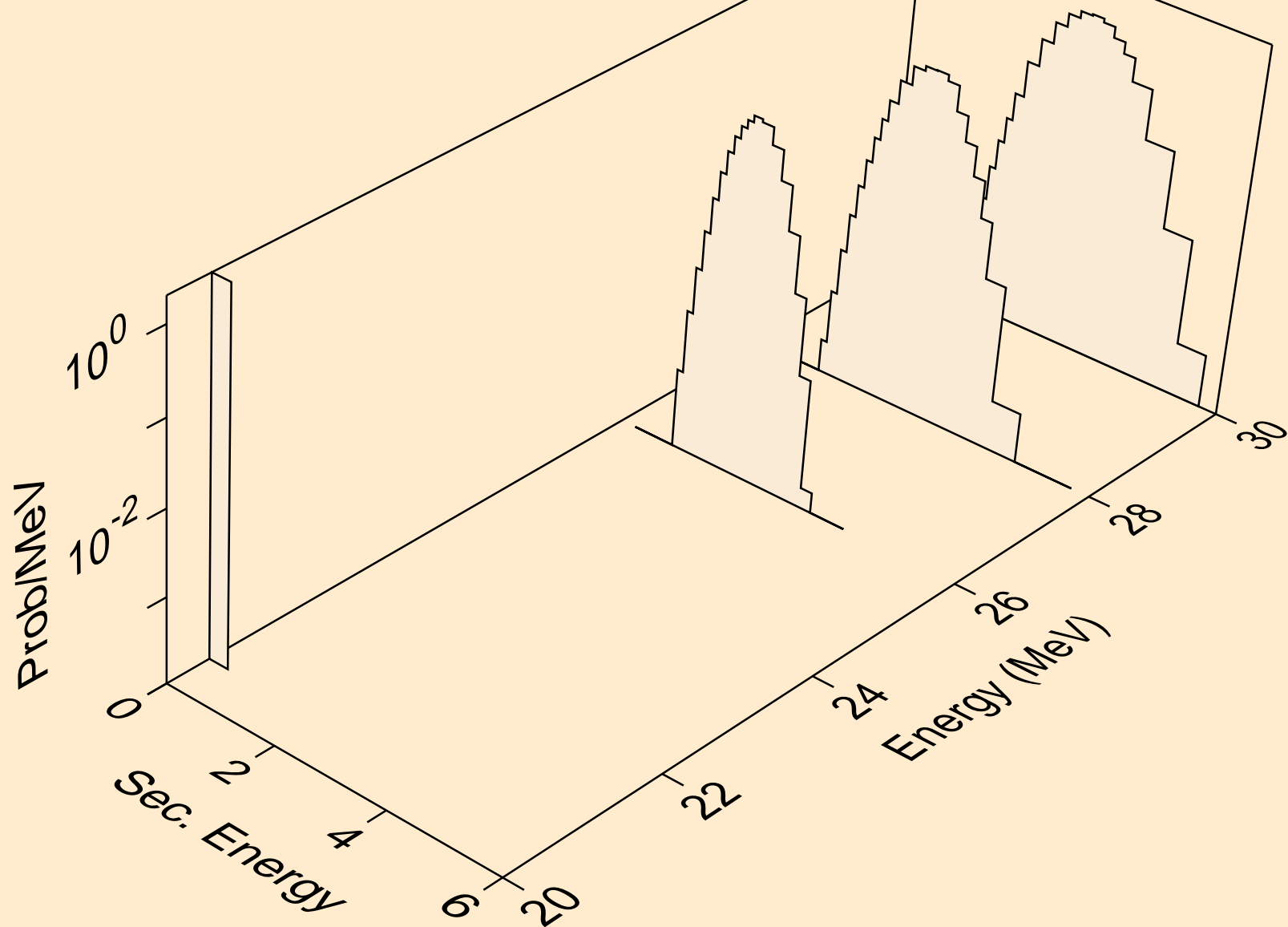


SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pd)

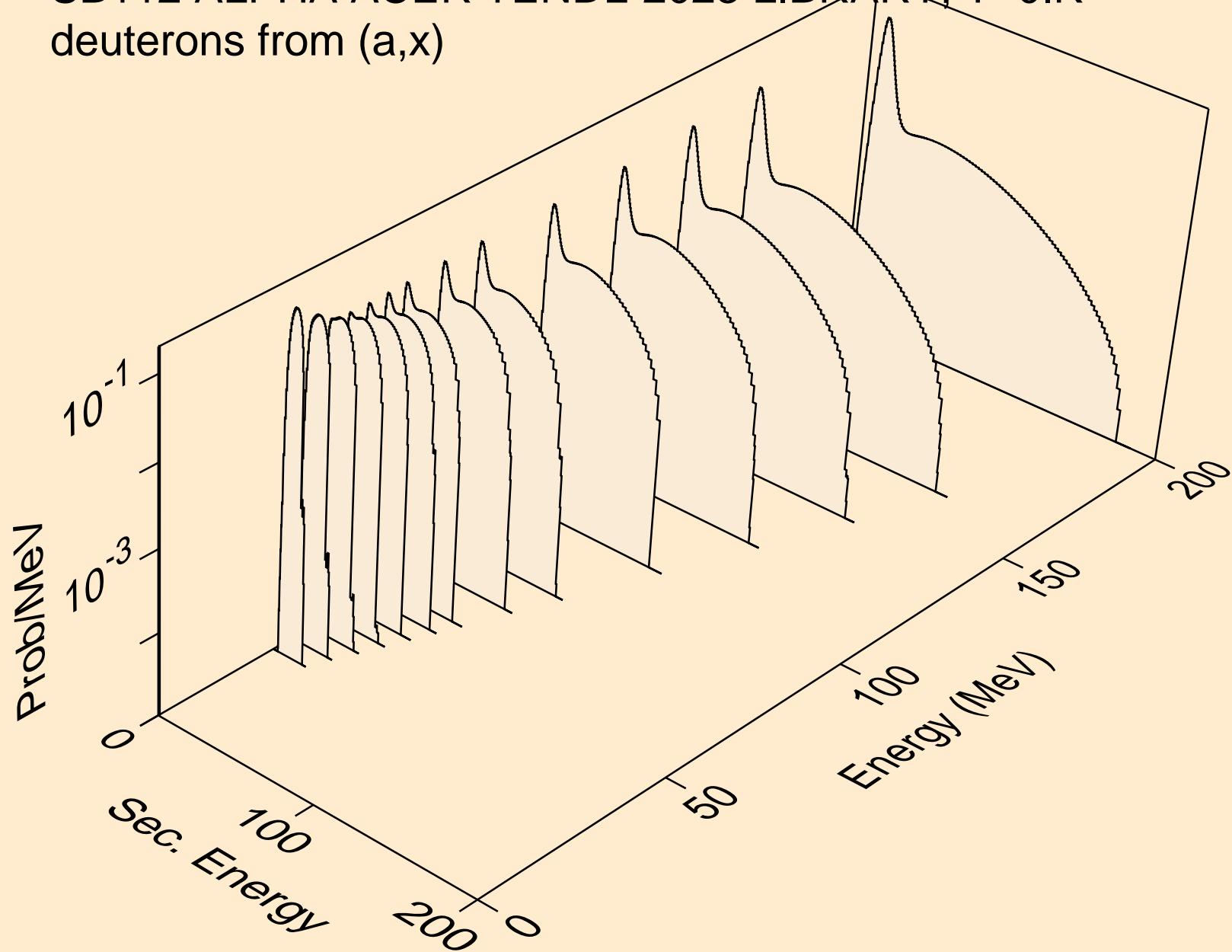




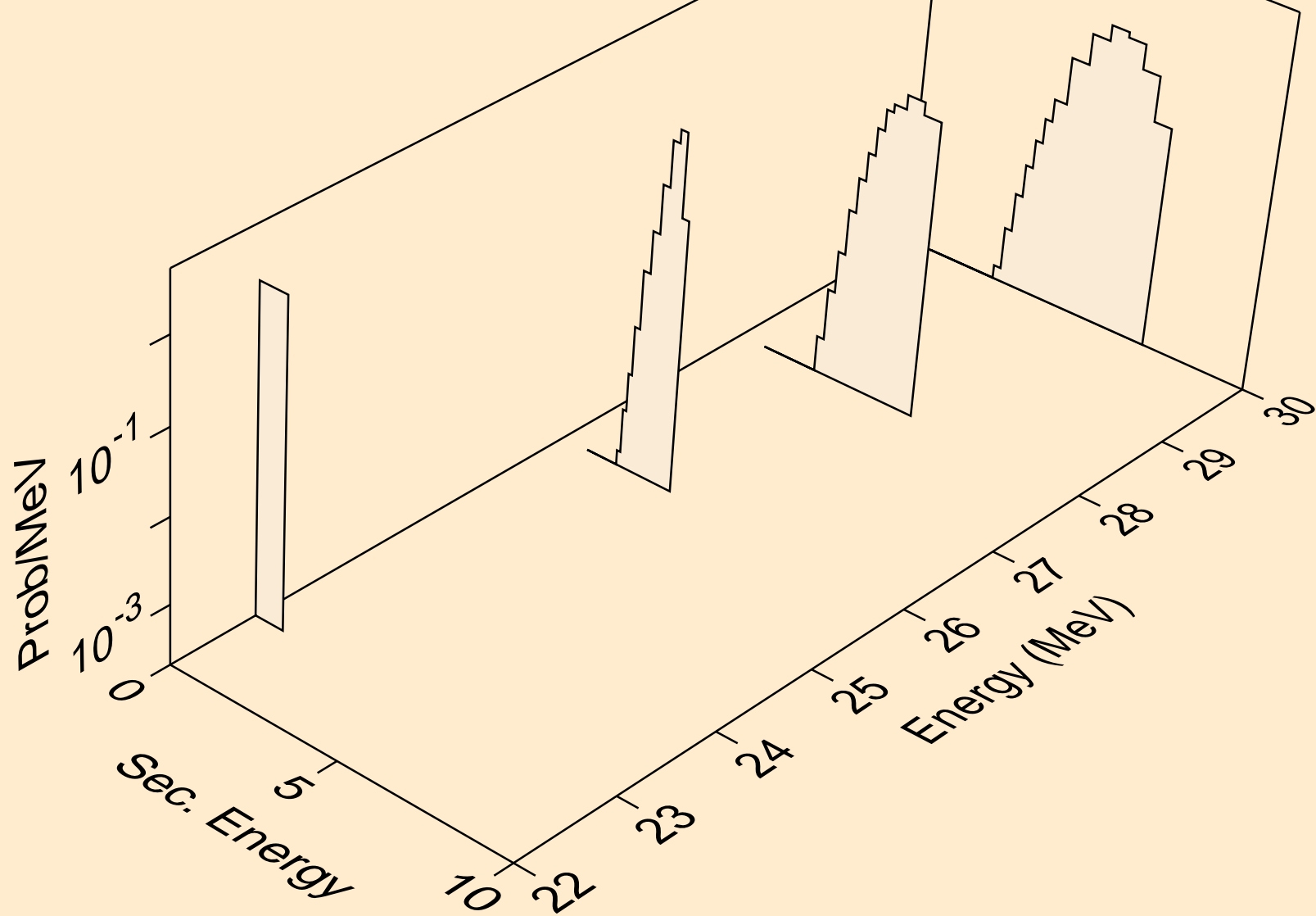
SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pt)



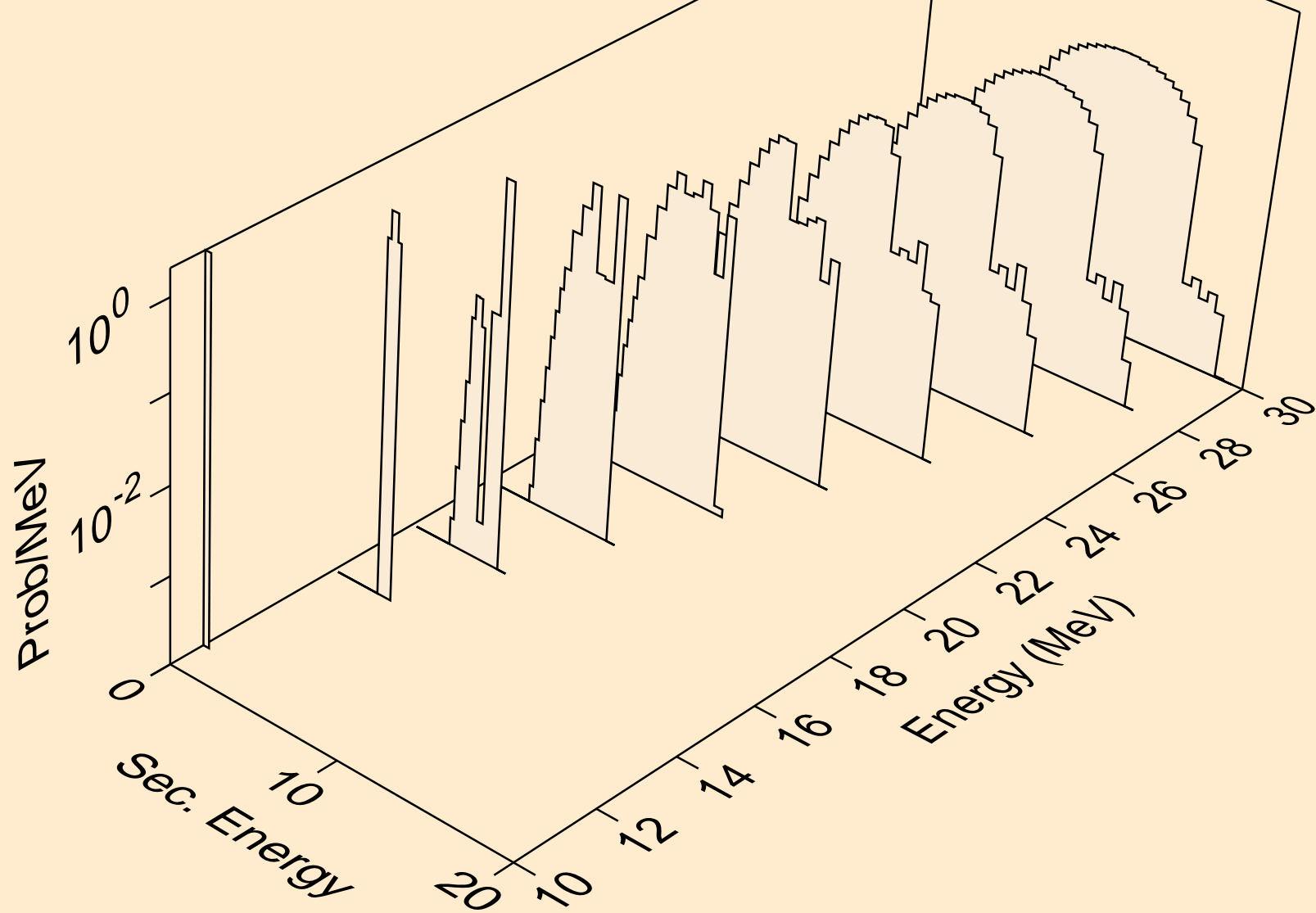
SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)



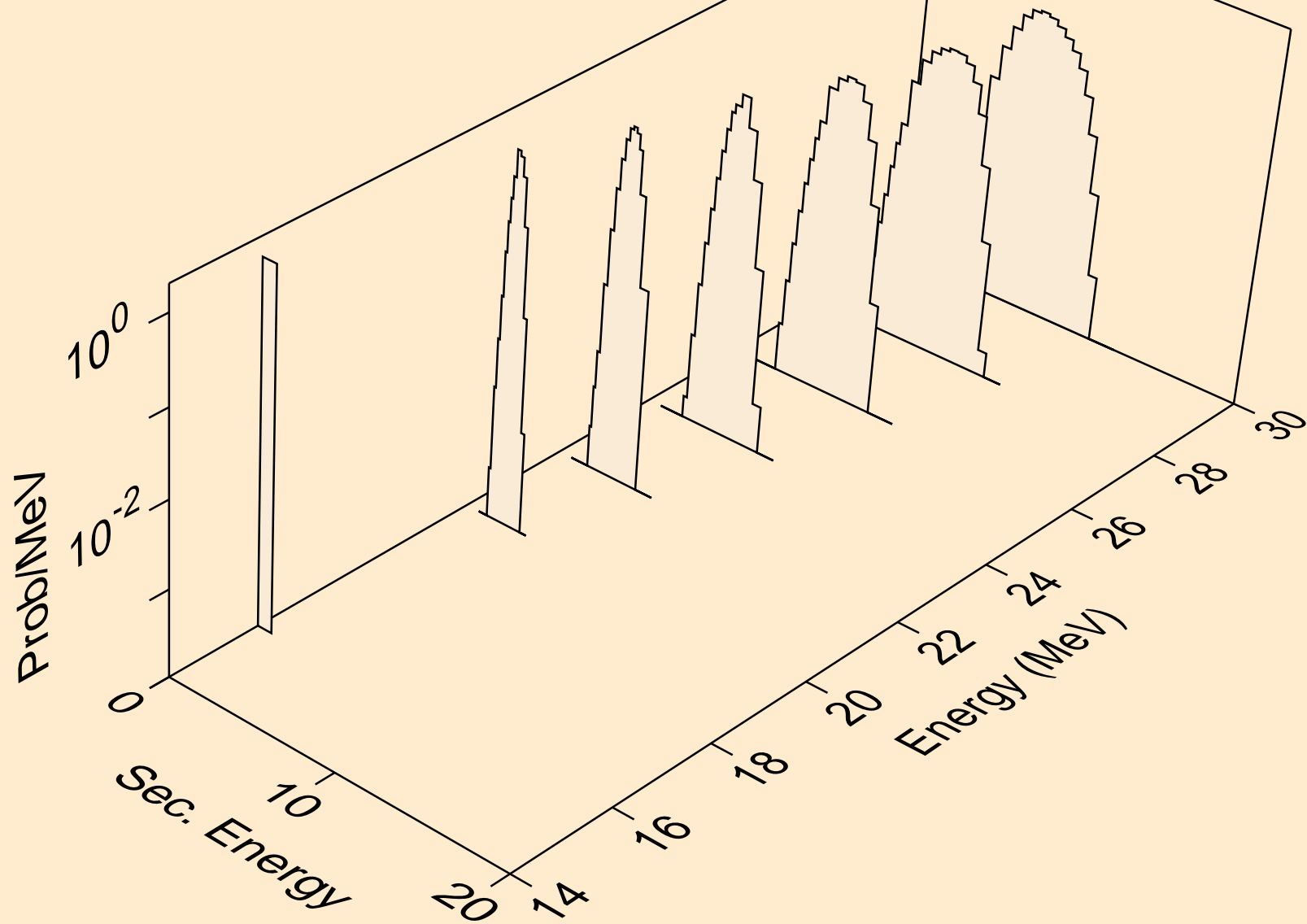
SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,n\*)d



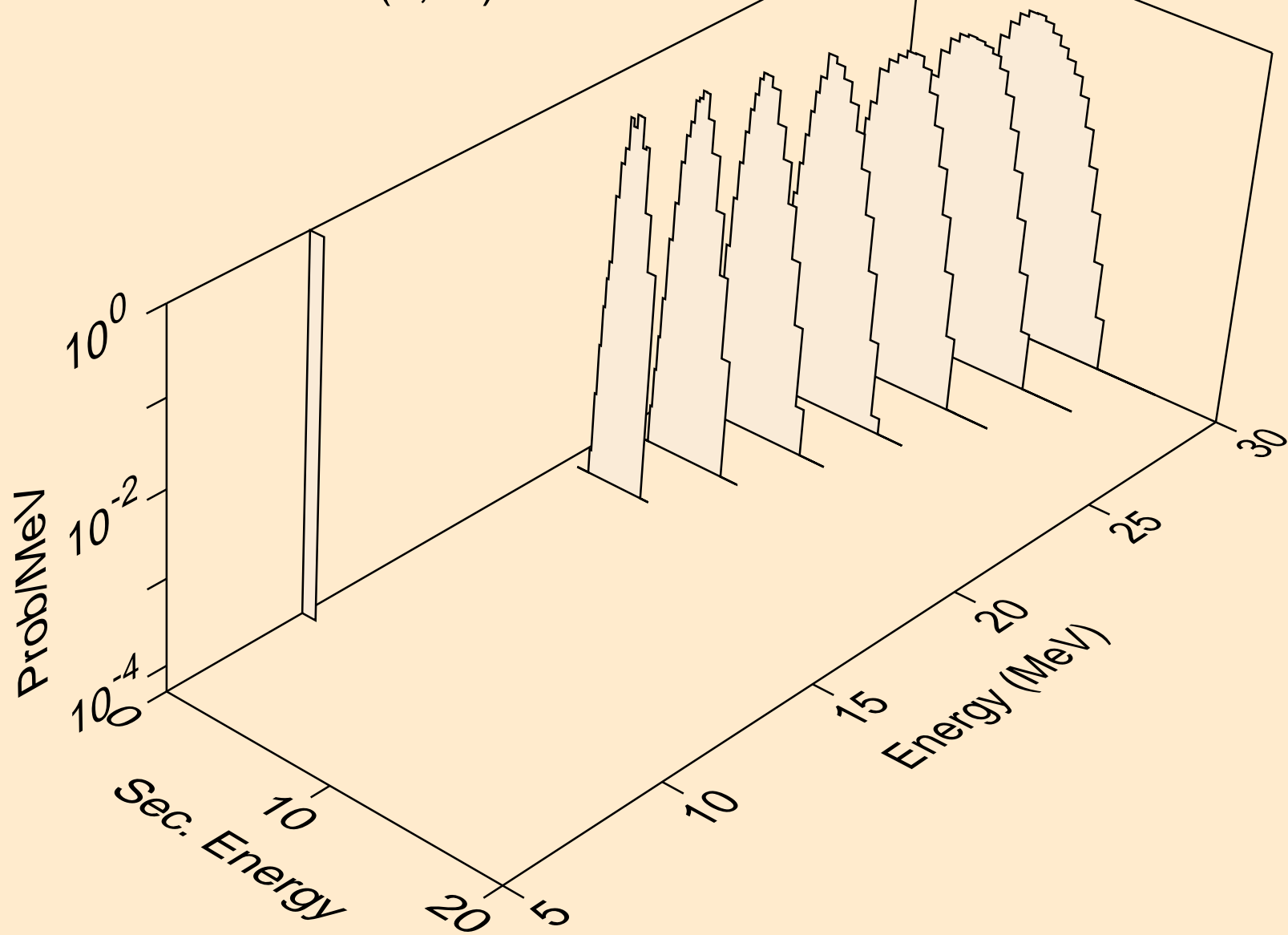
SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,d)



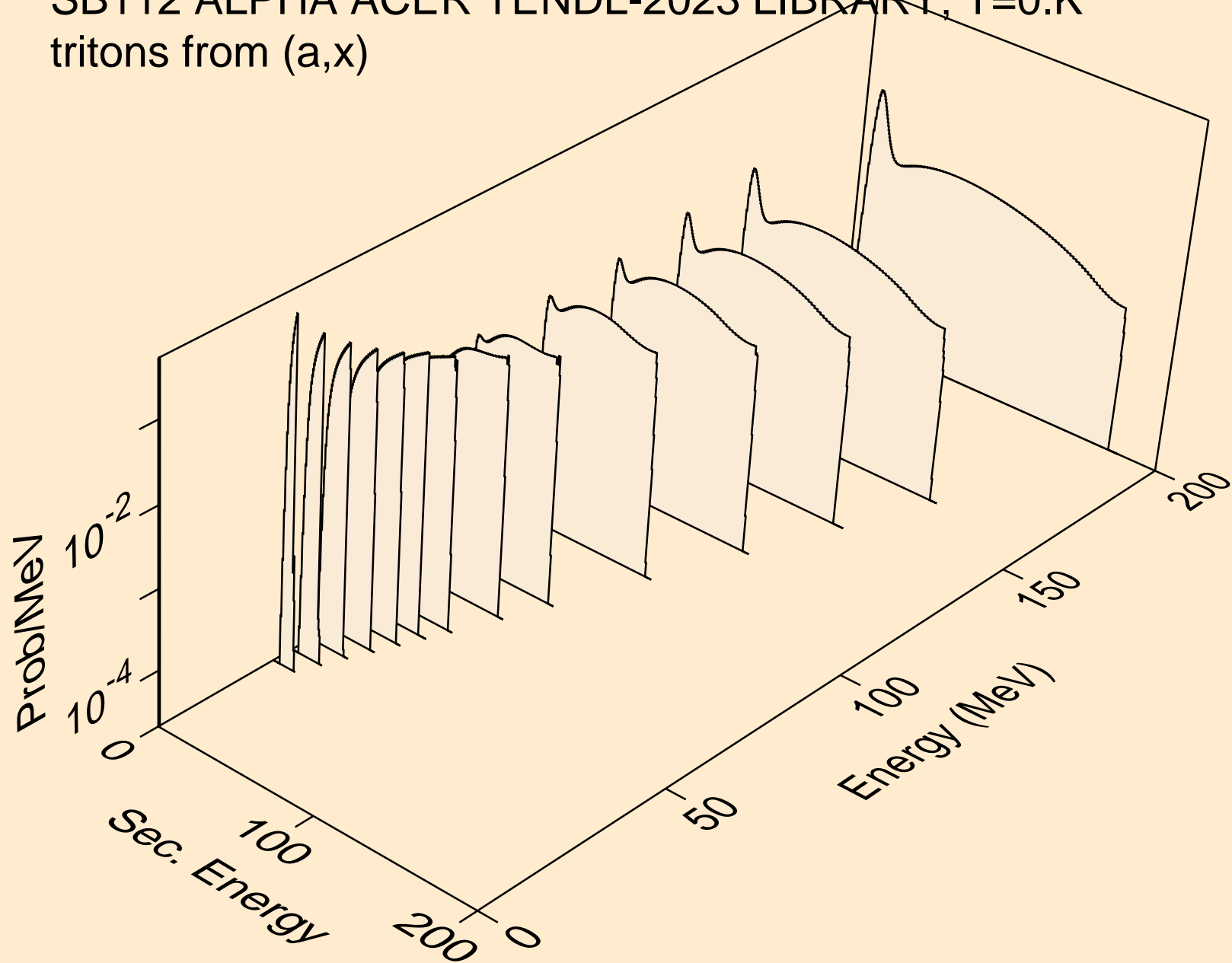
SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,pd)



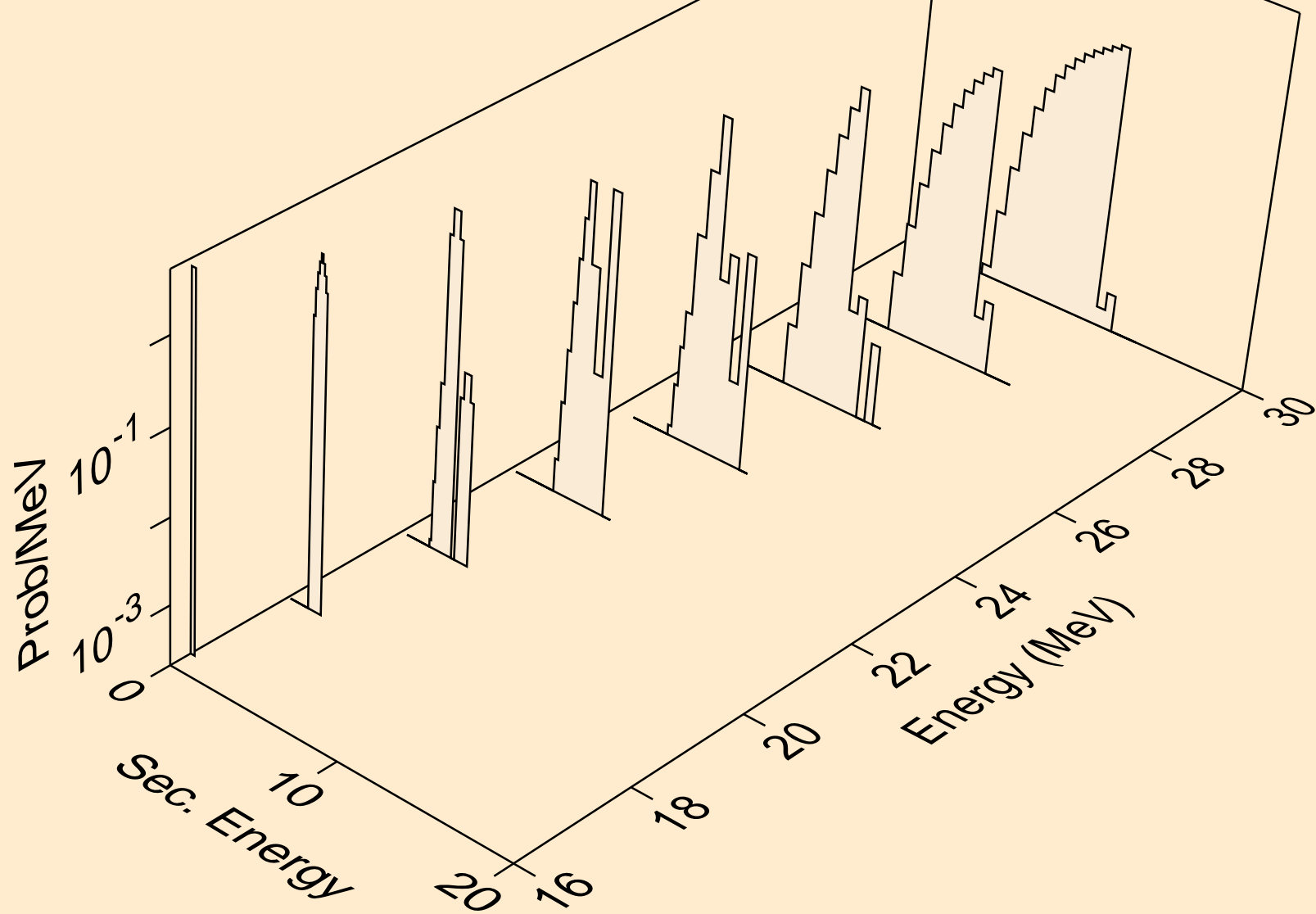
SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,da)



SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)

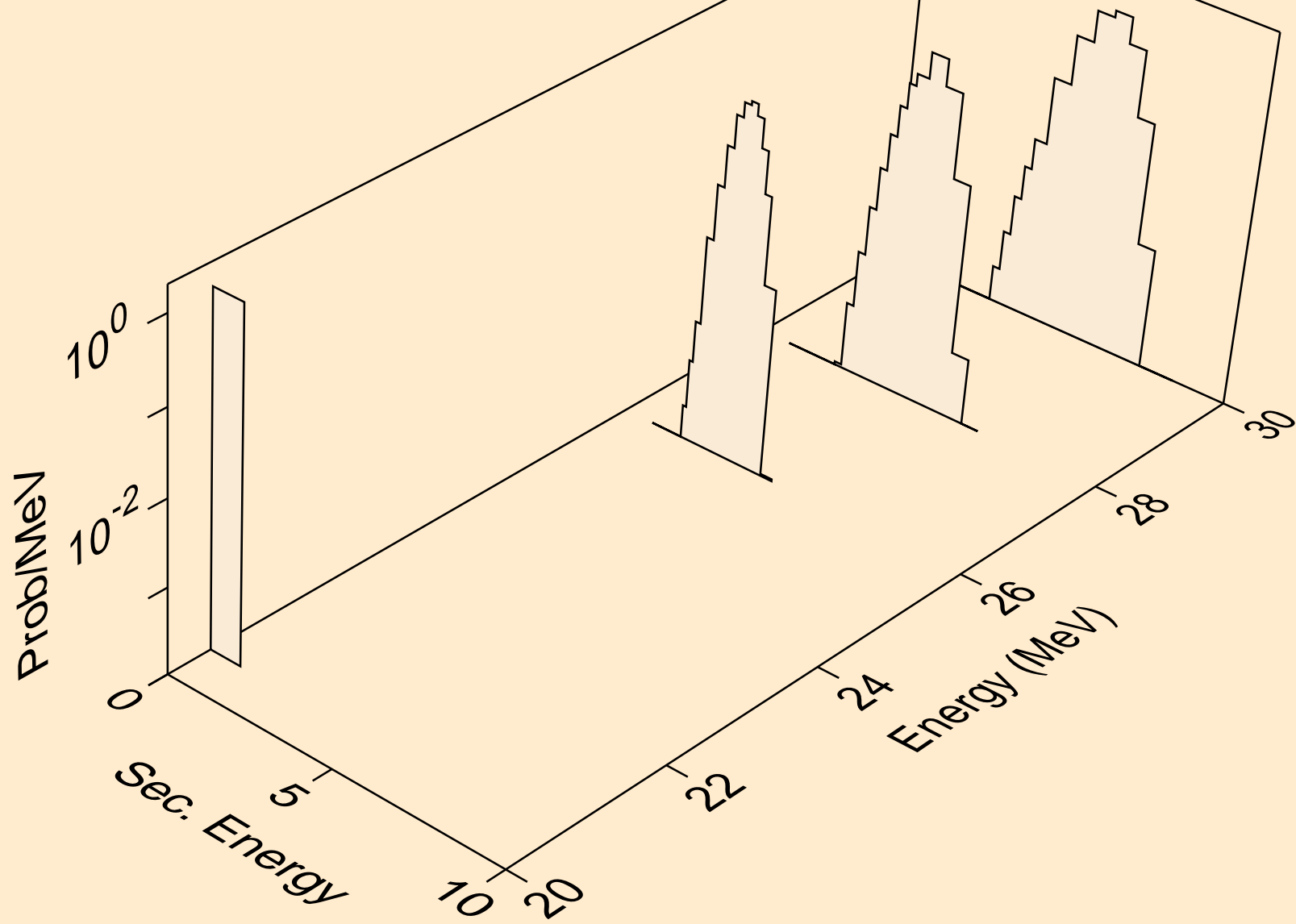


SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)

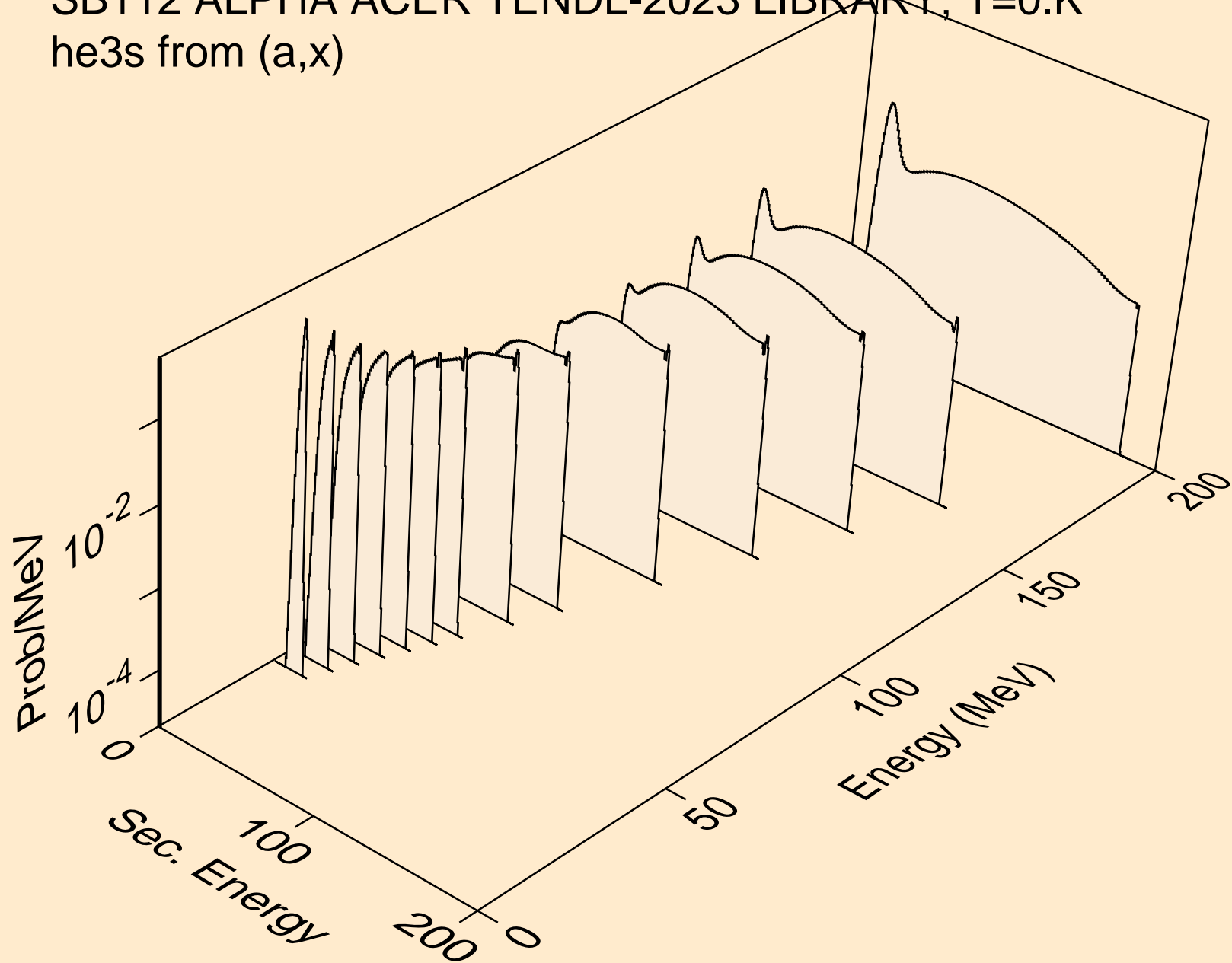




SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,pt)



SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



SB112 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

