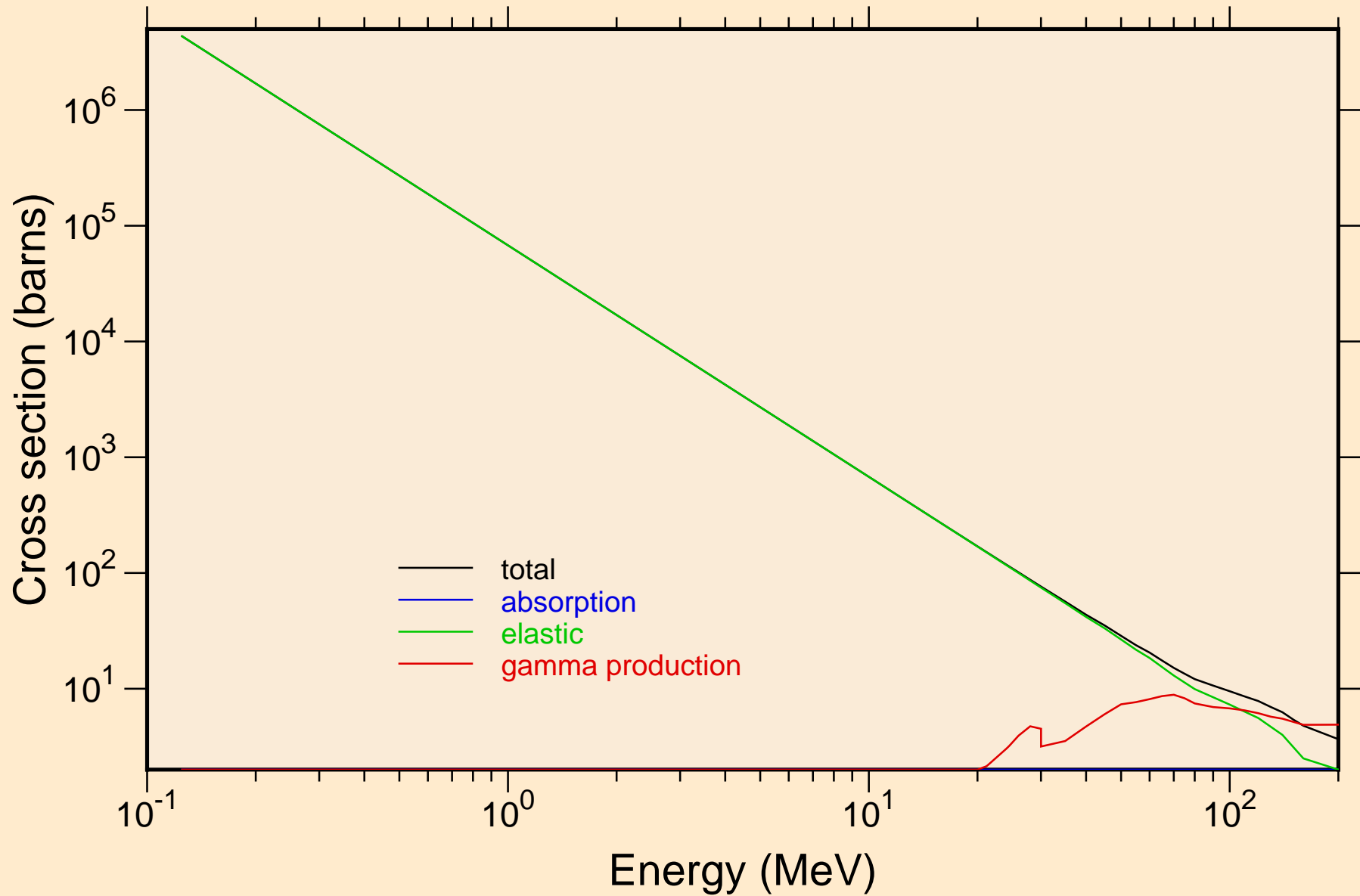


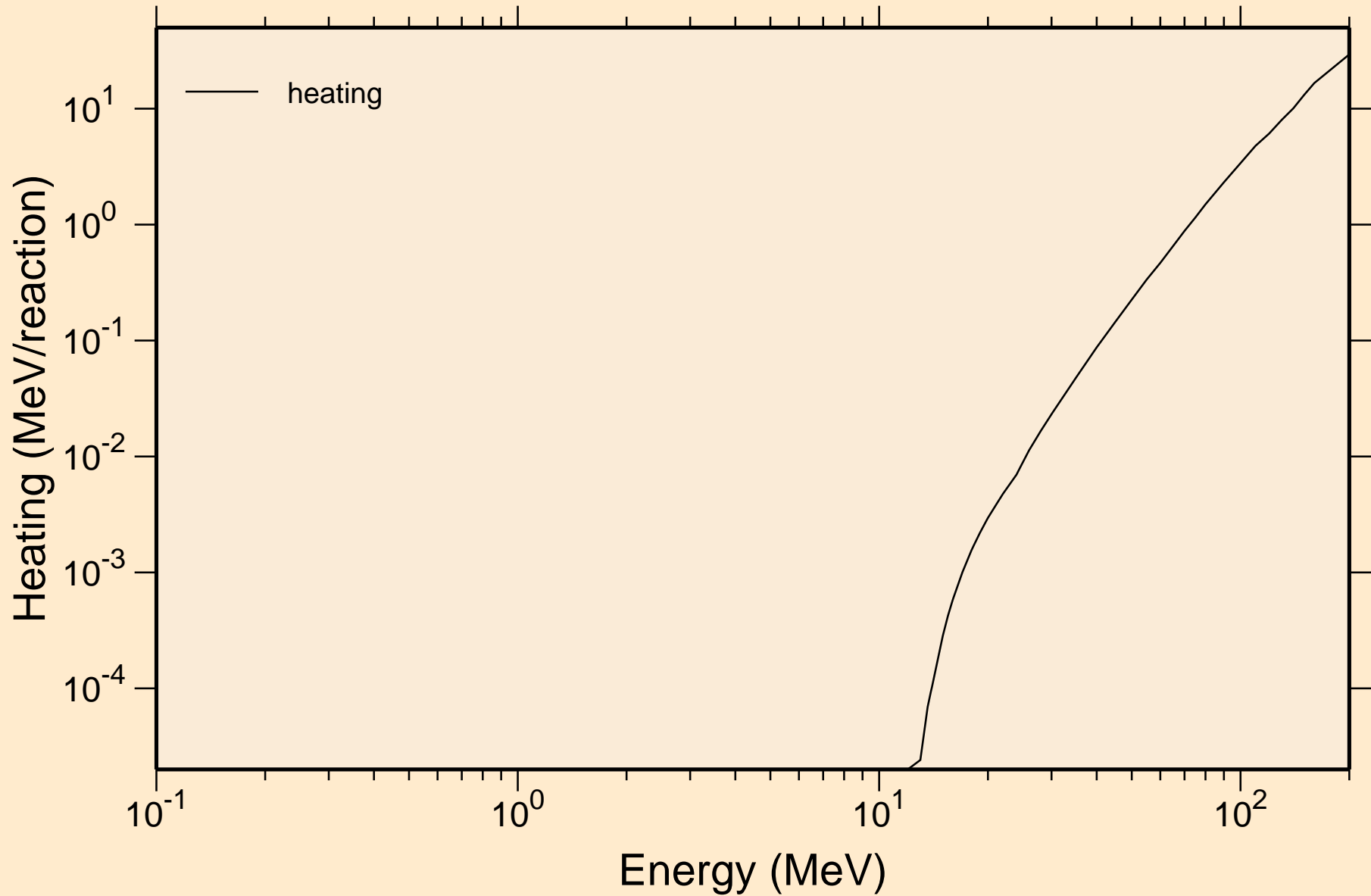
# SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



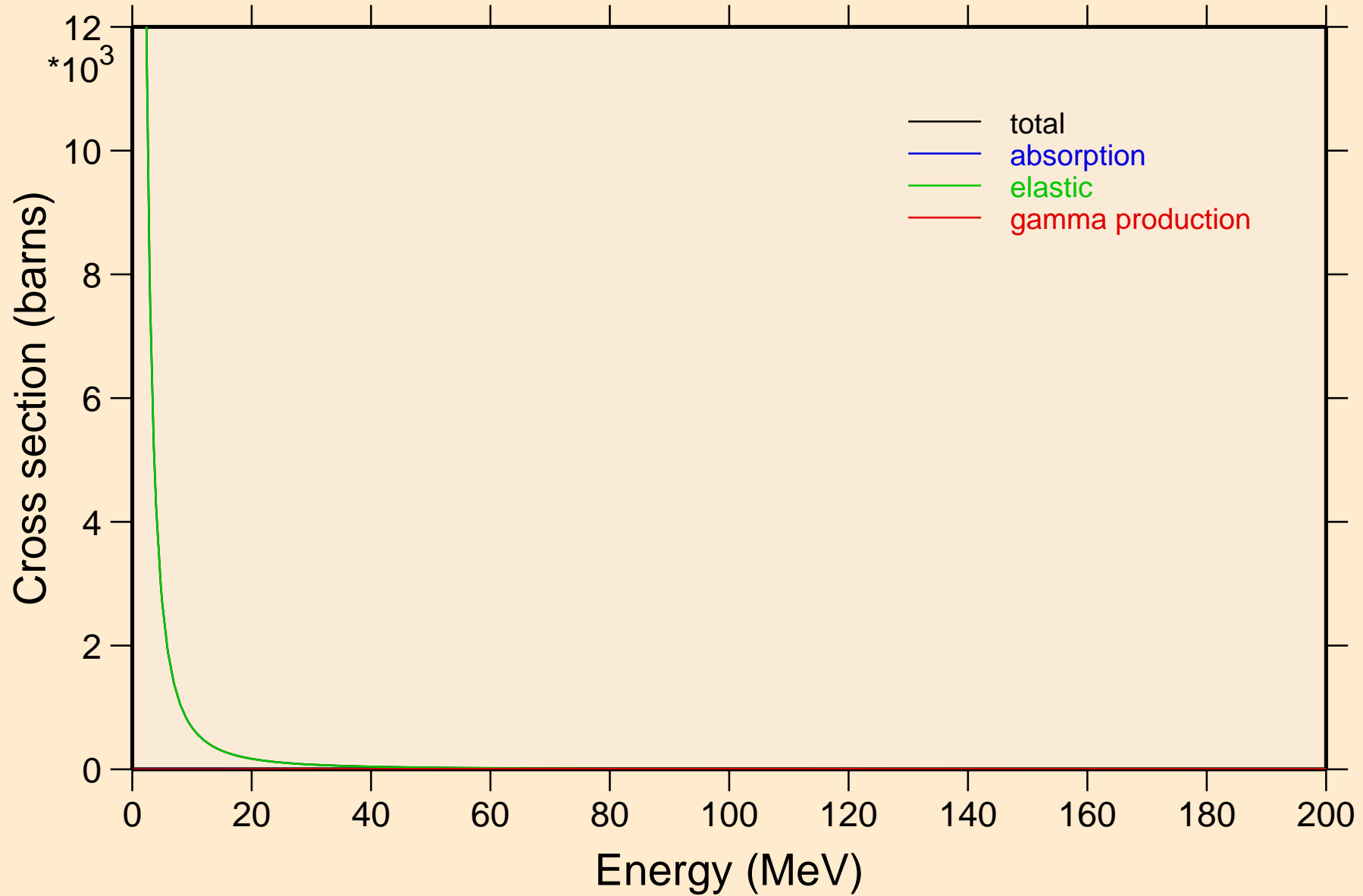
# SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Heating



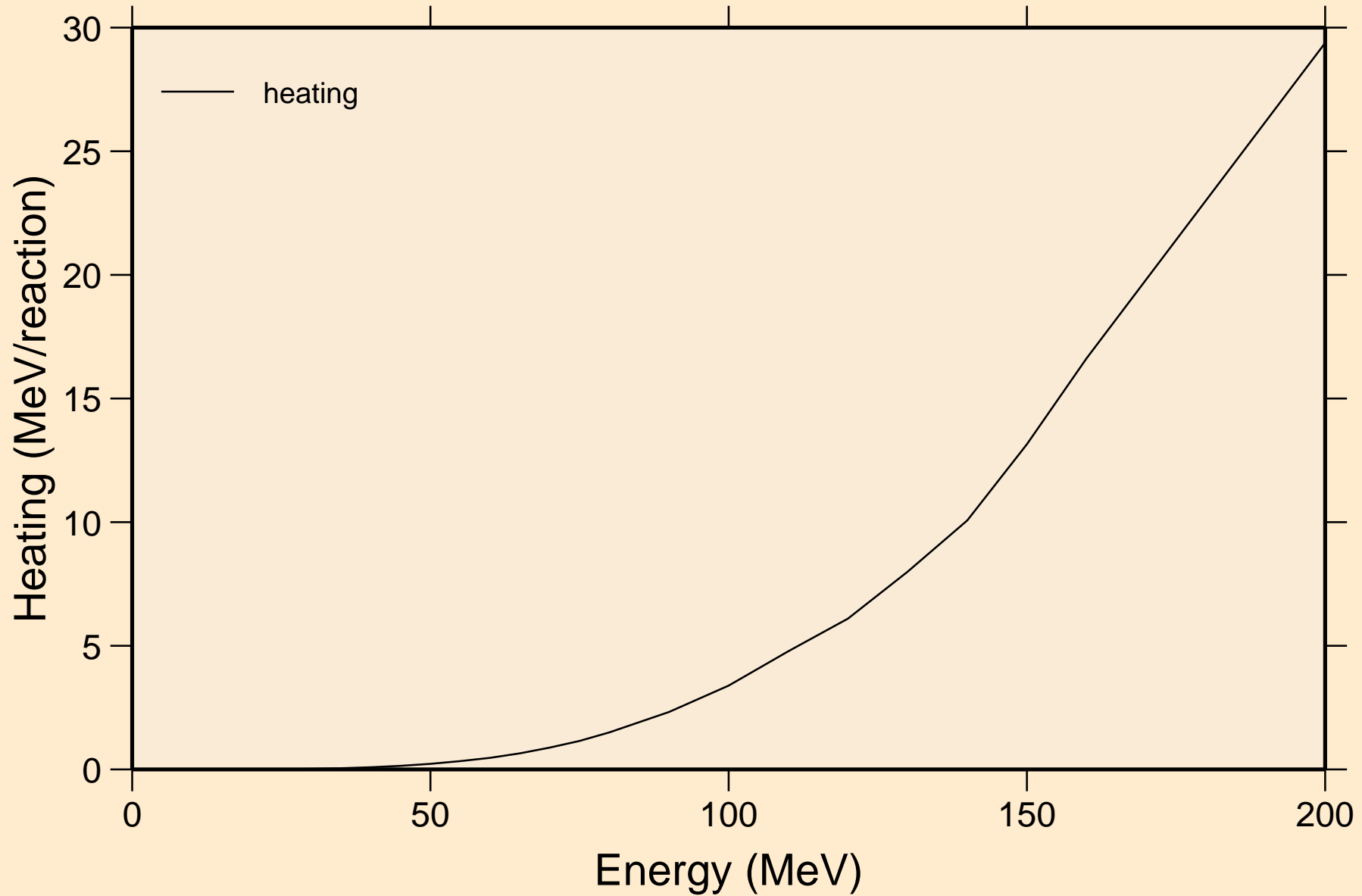
# SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

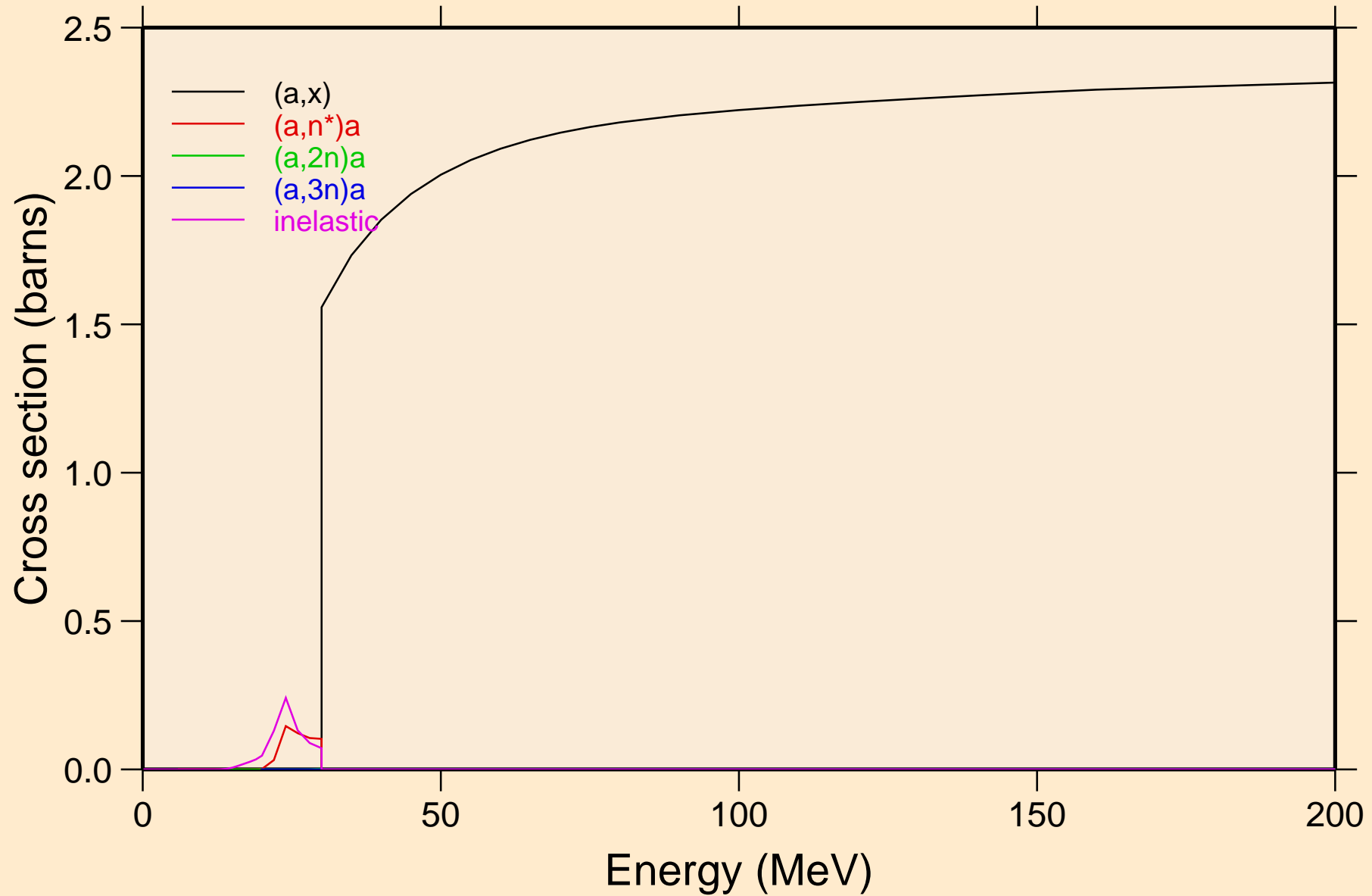


SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

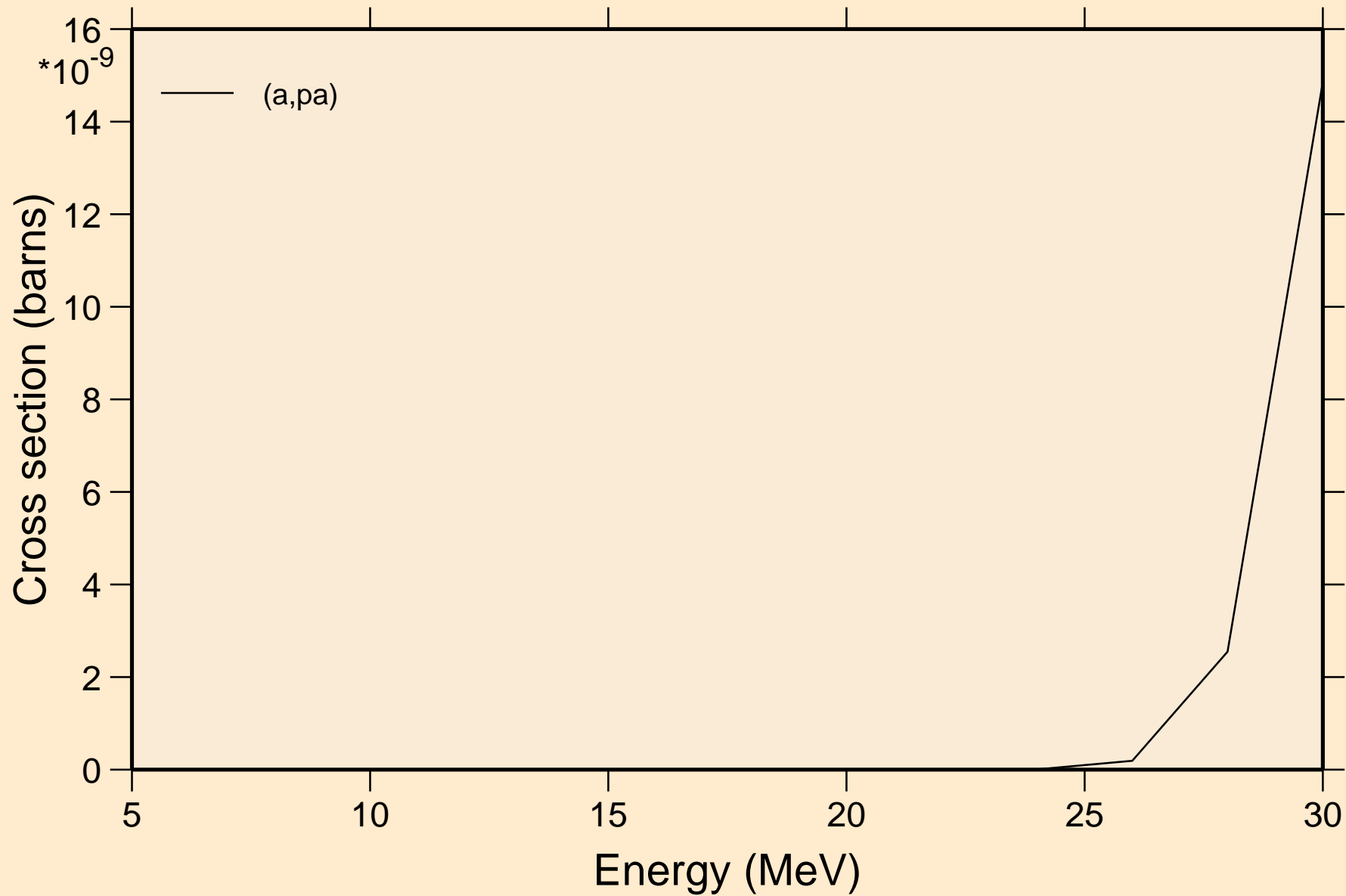
Heating



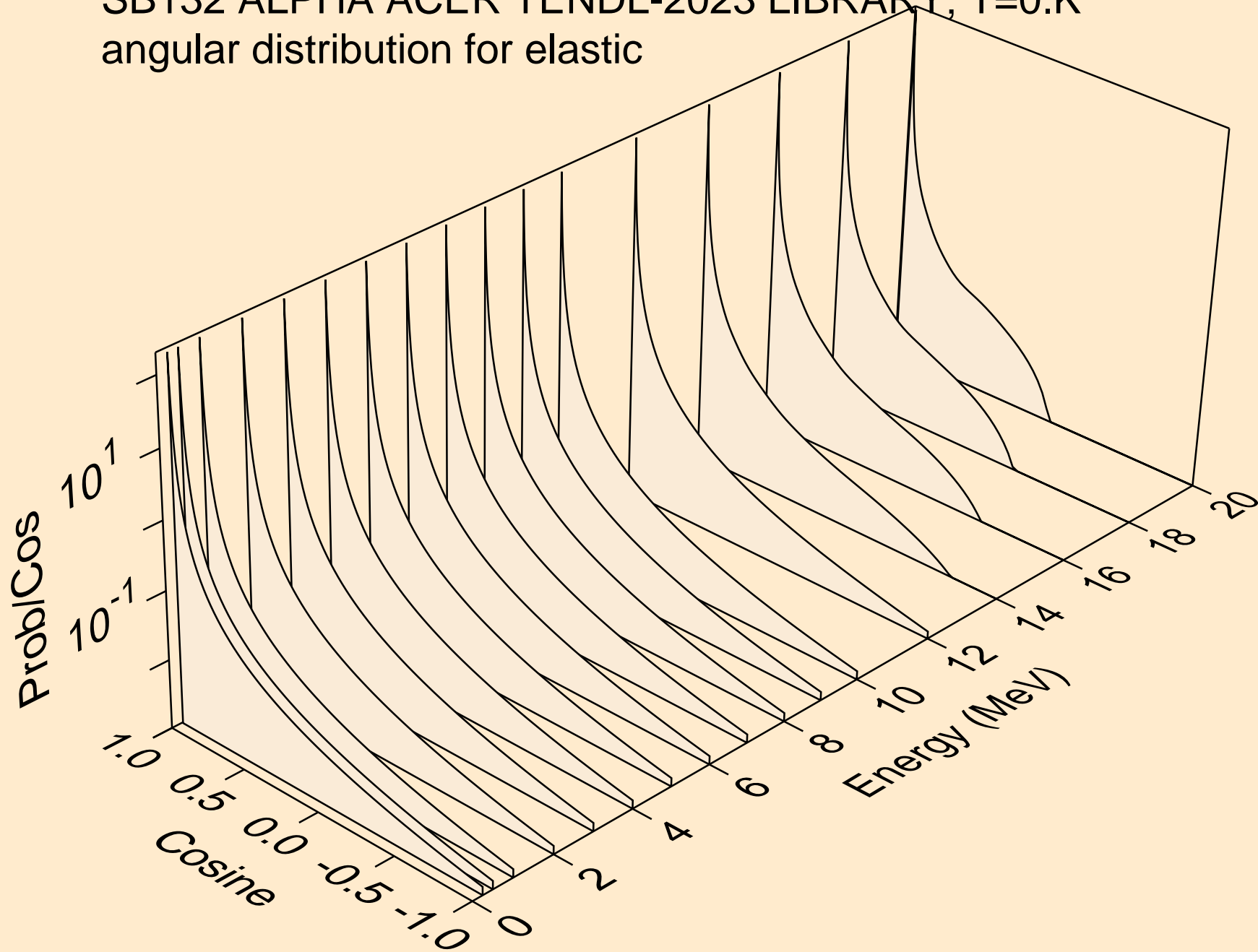
SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



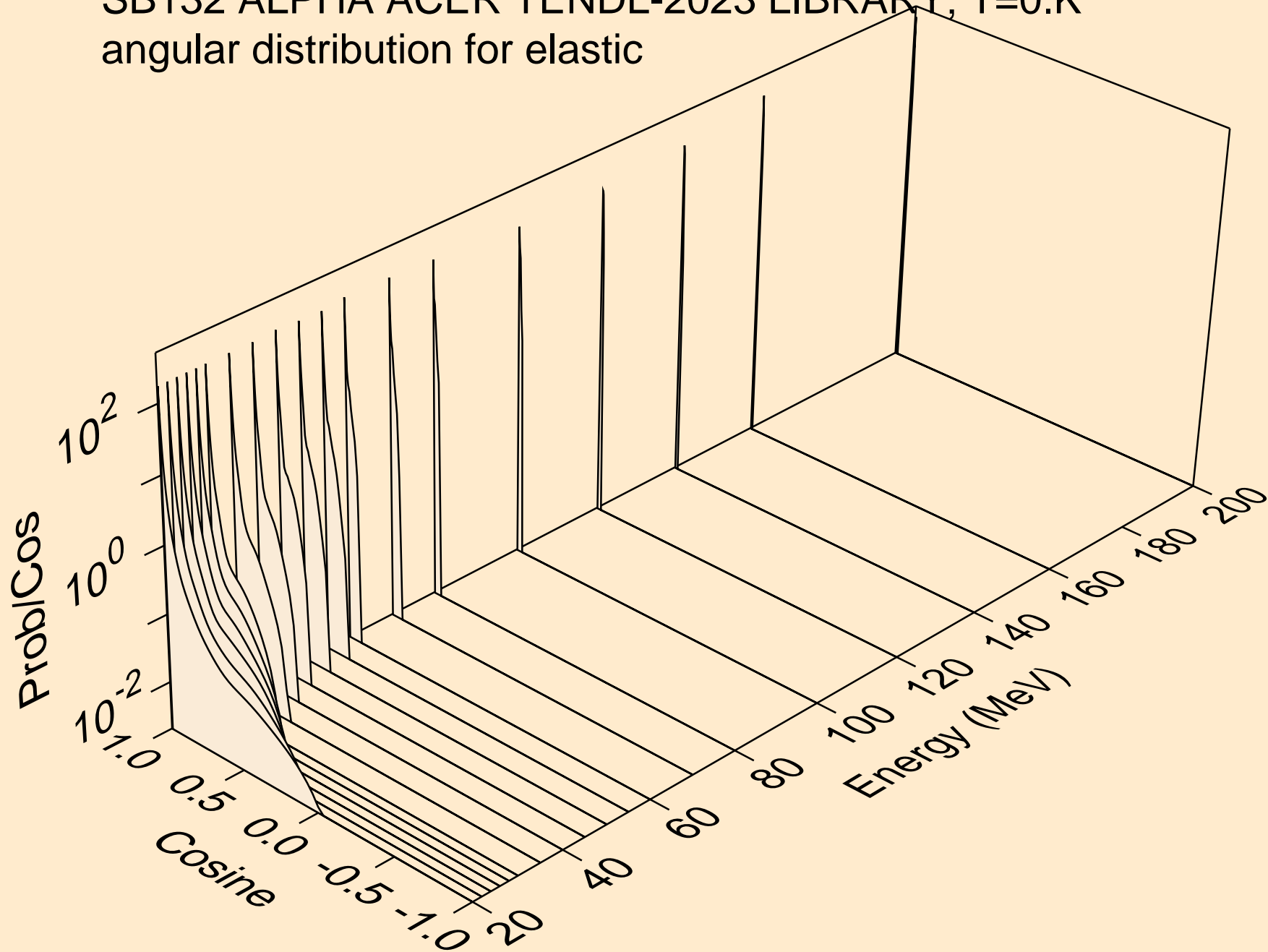
SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



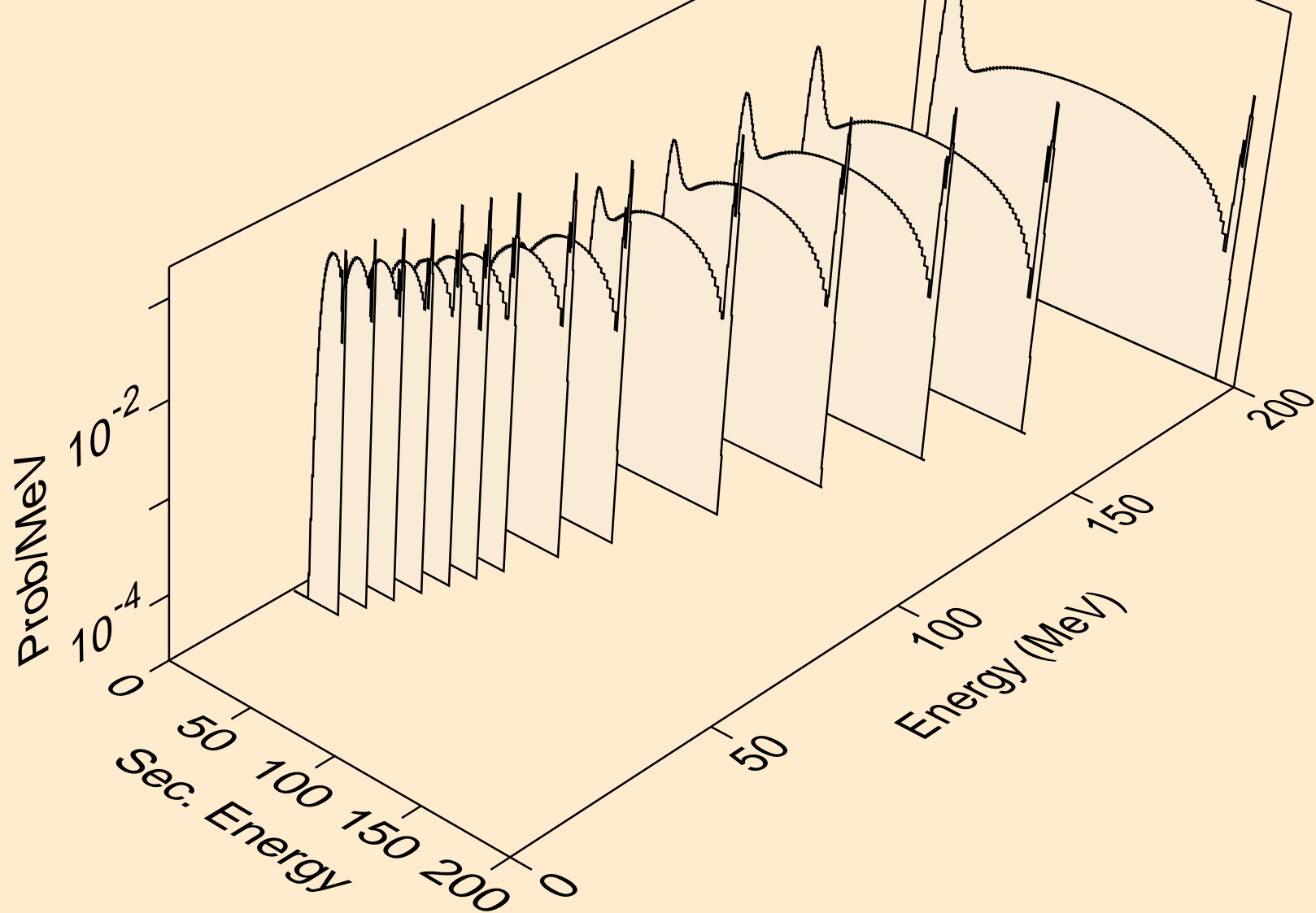
SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



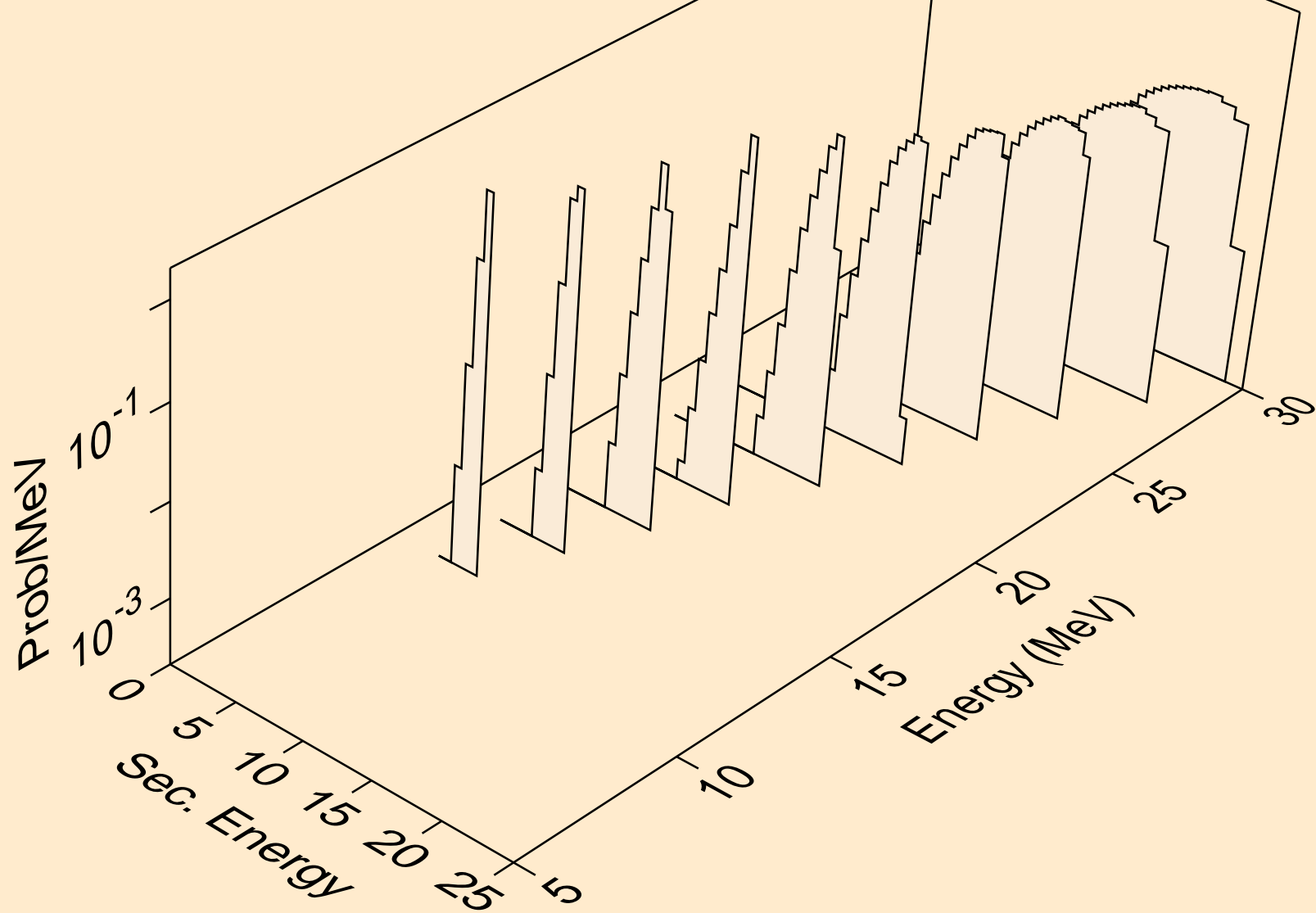


SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

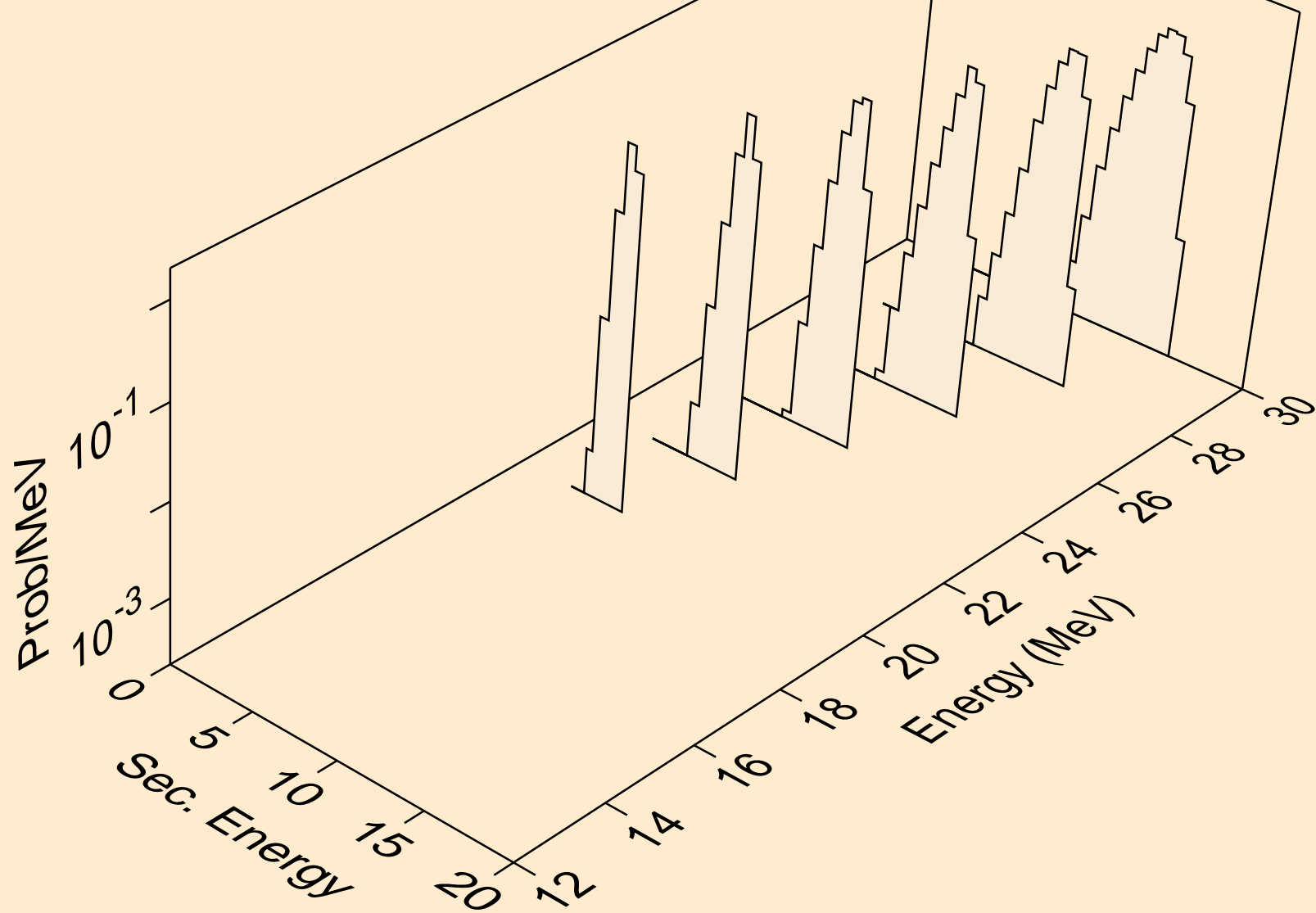
Alpha emission for (a,x)



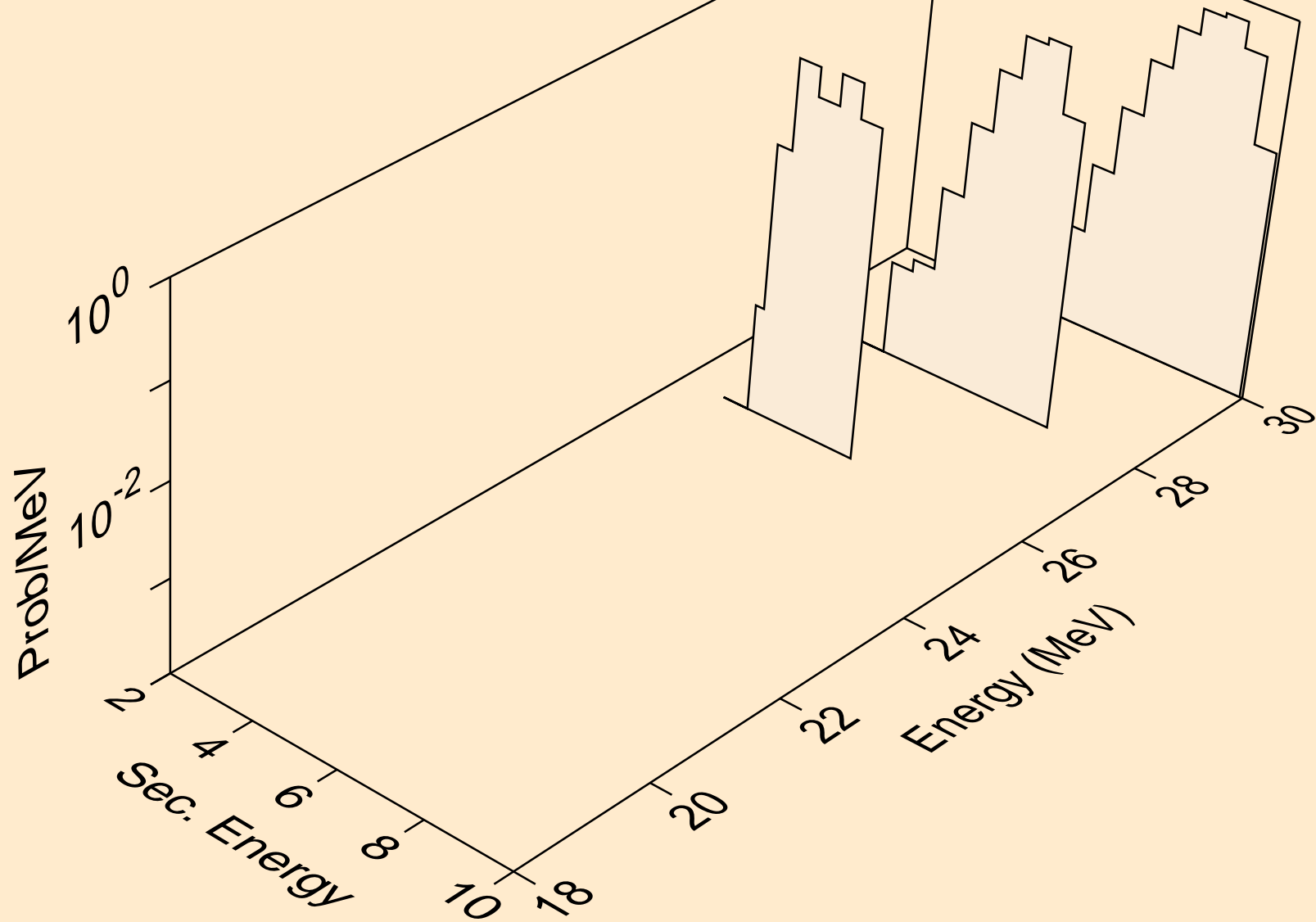
SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



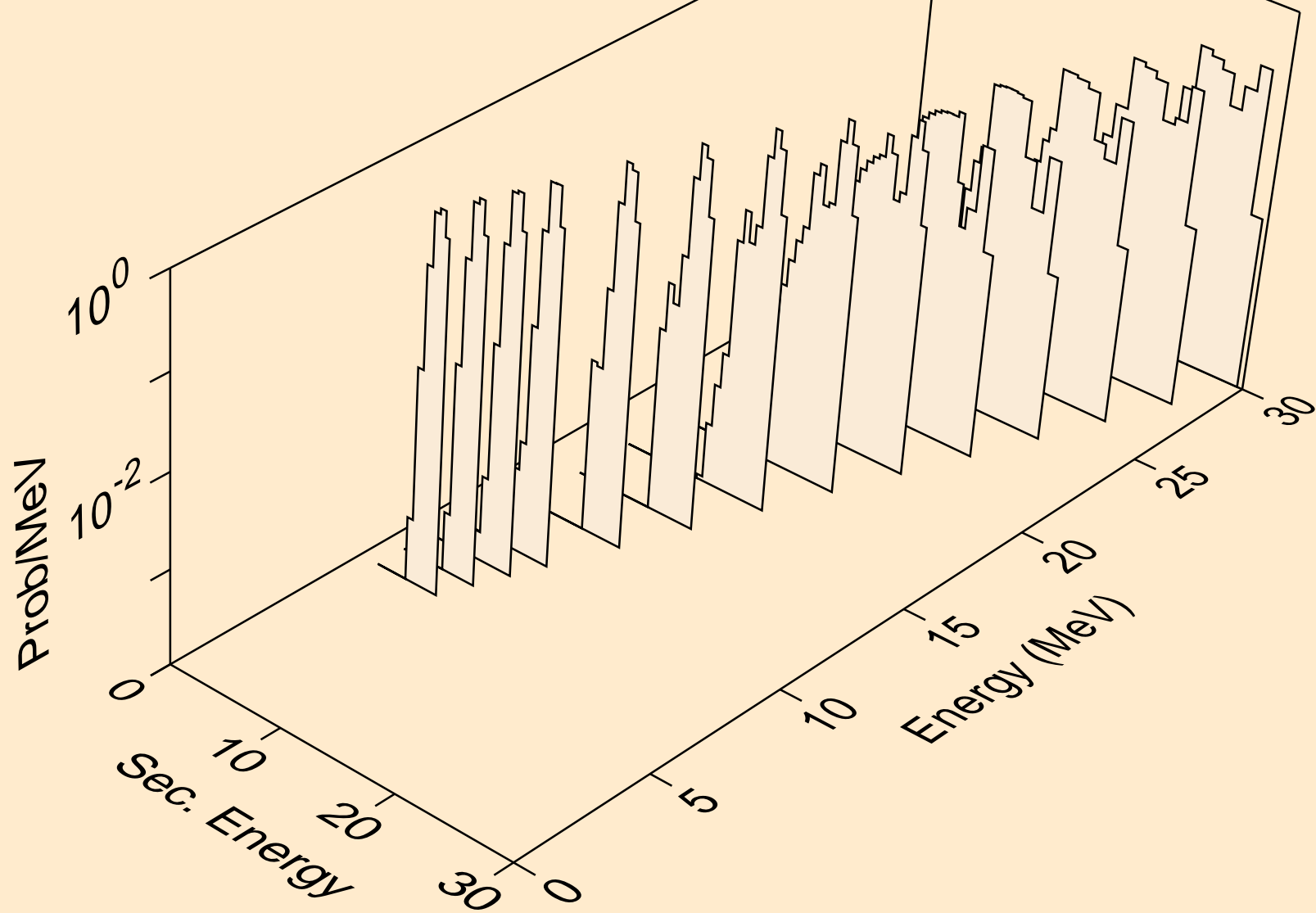
SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



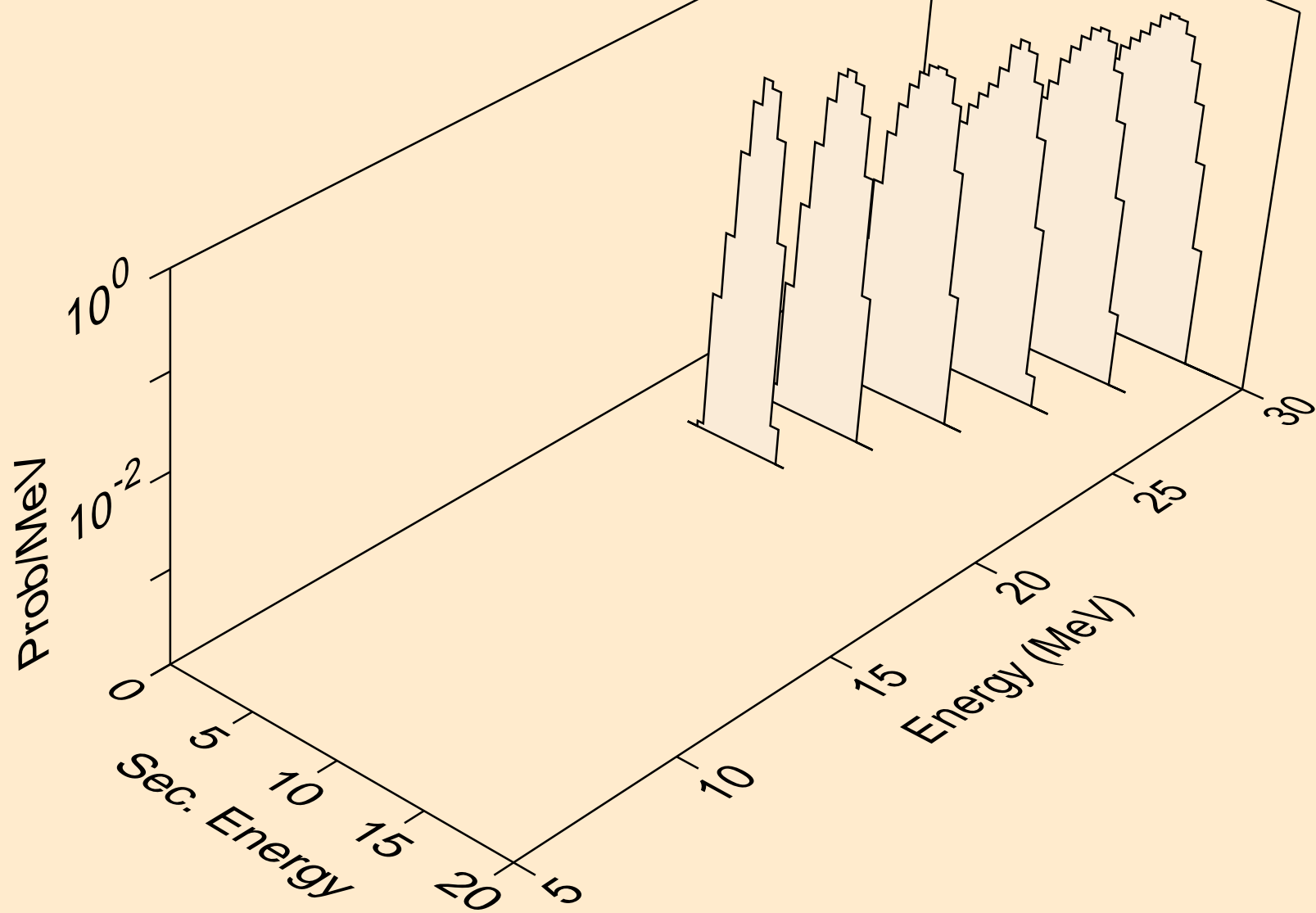
SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,3n)a



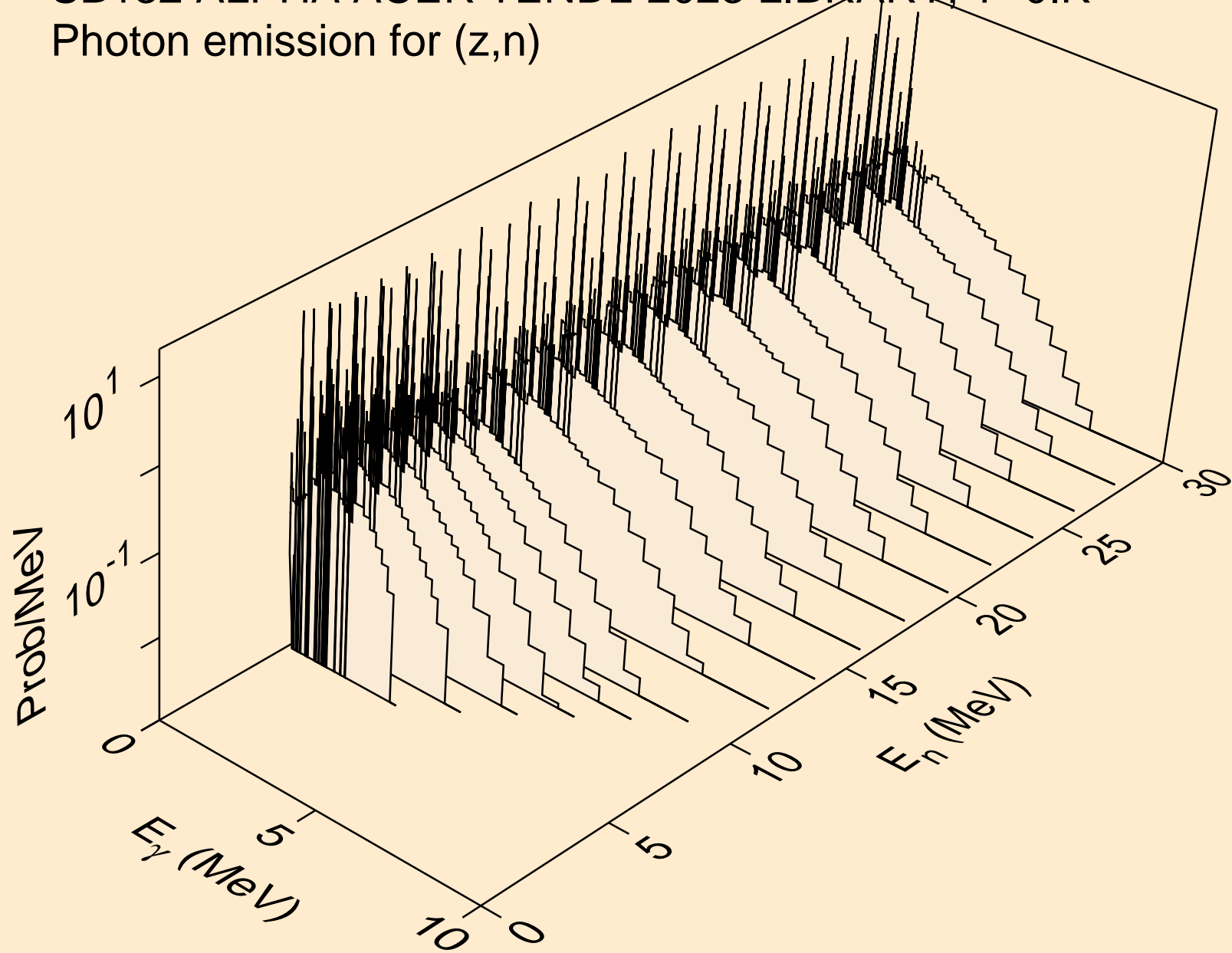
SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic



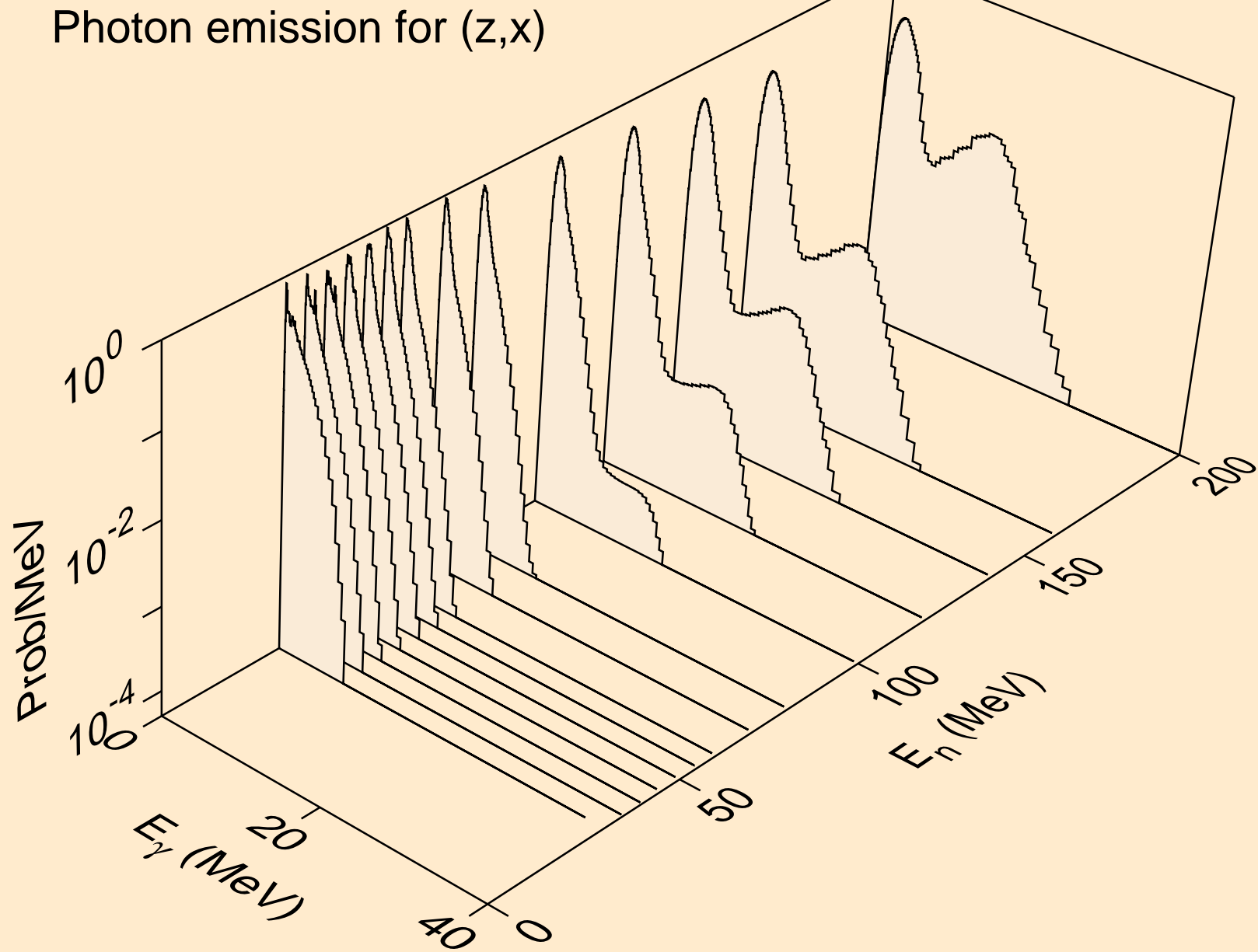
SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,pa)



SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)

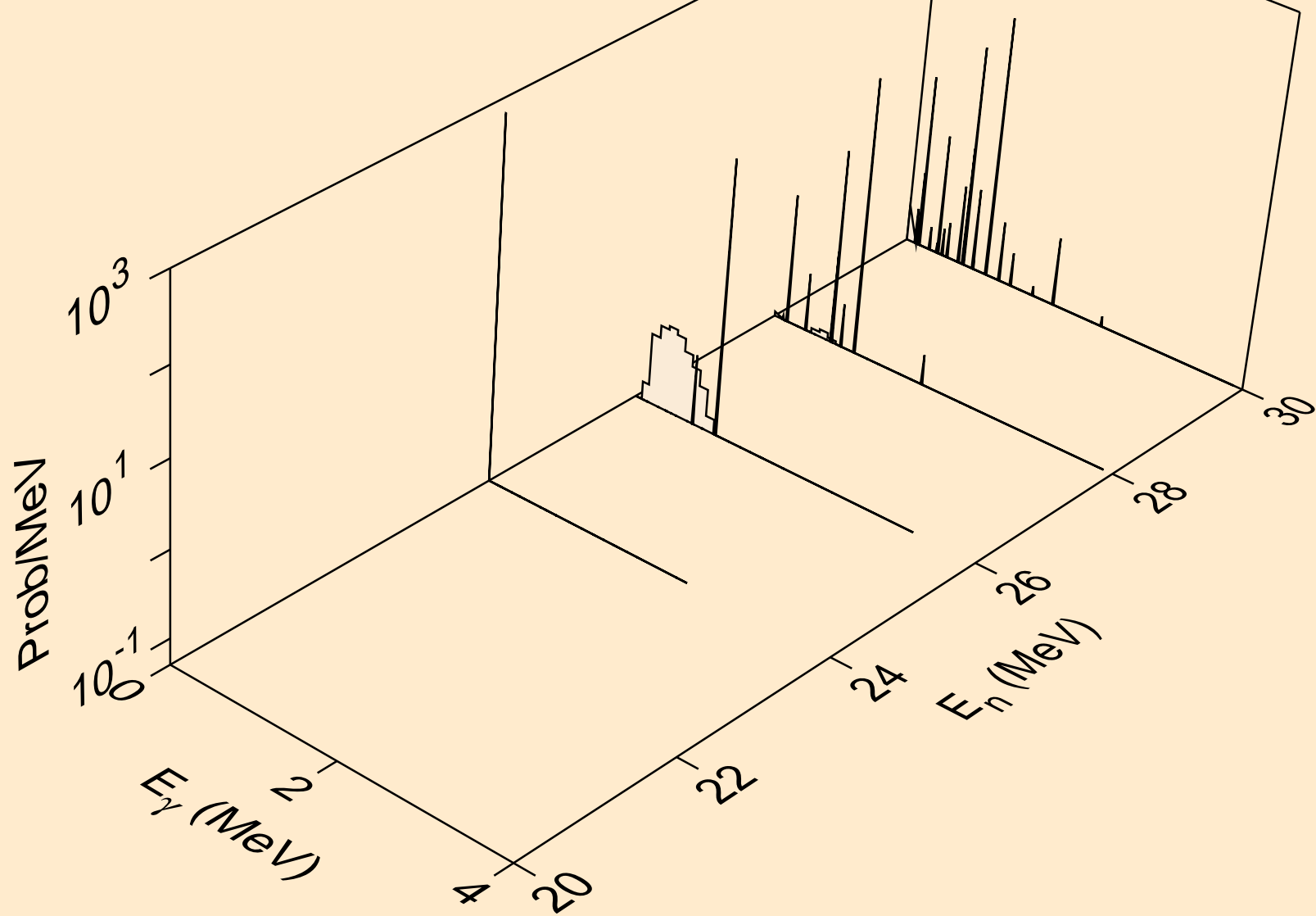


SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)

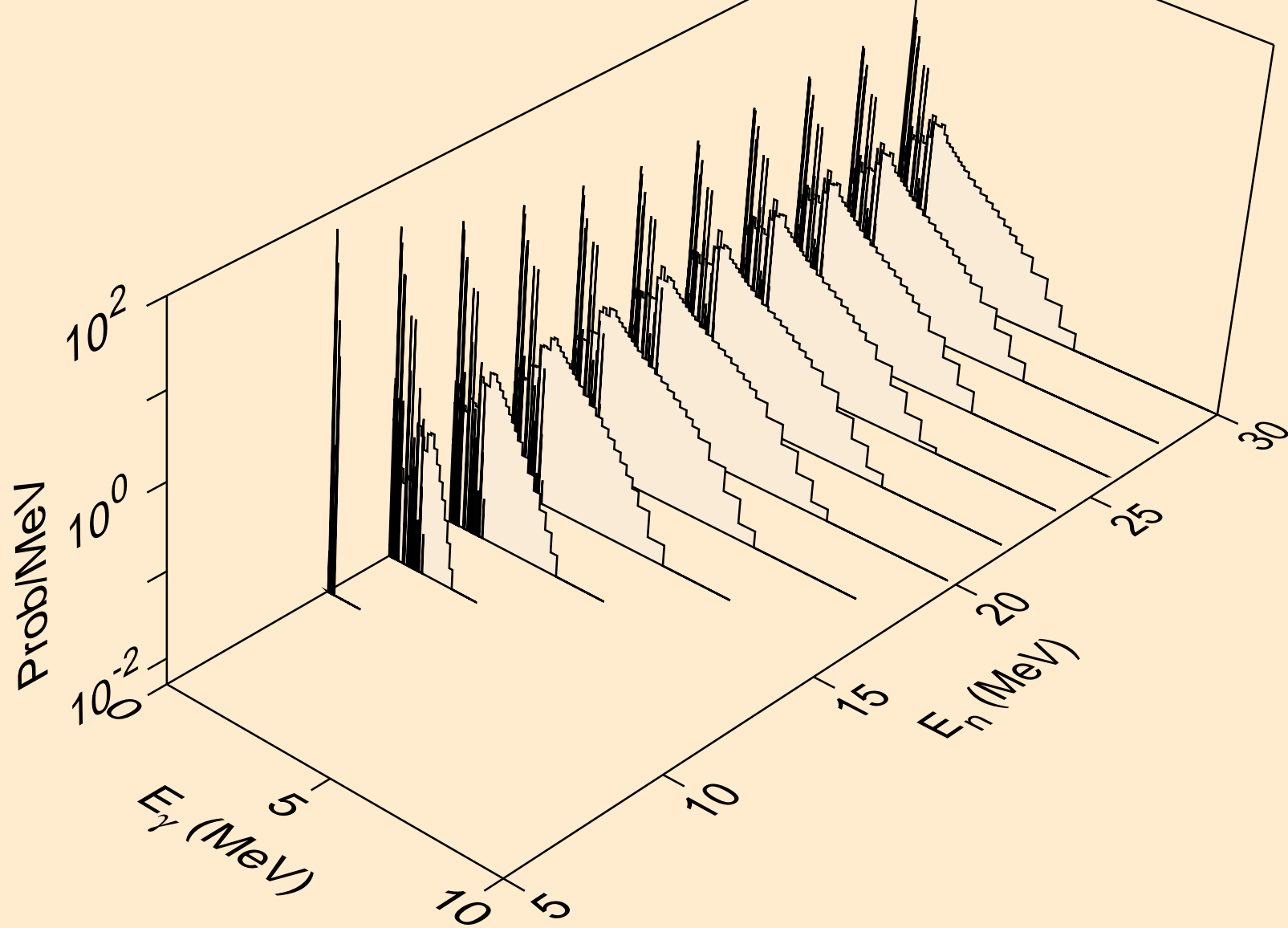




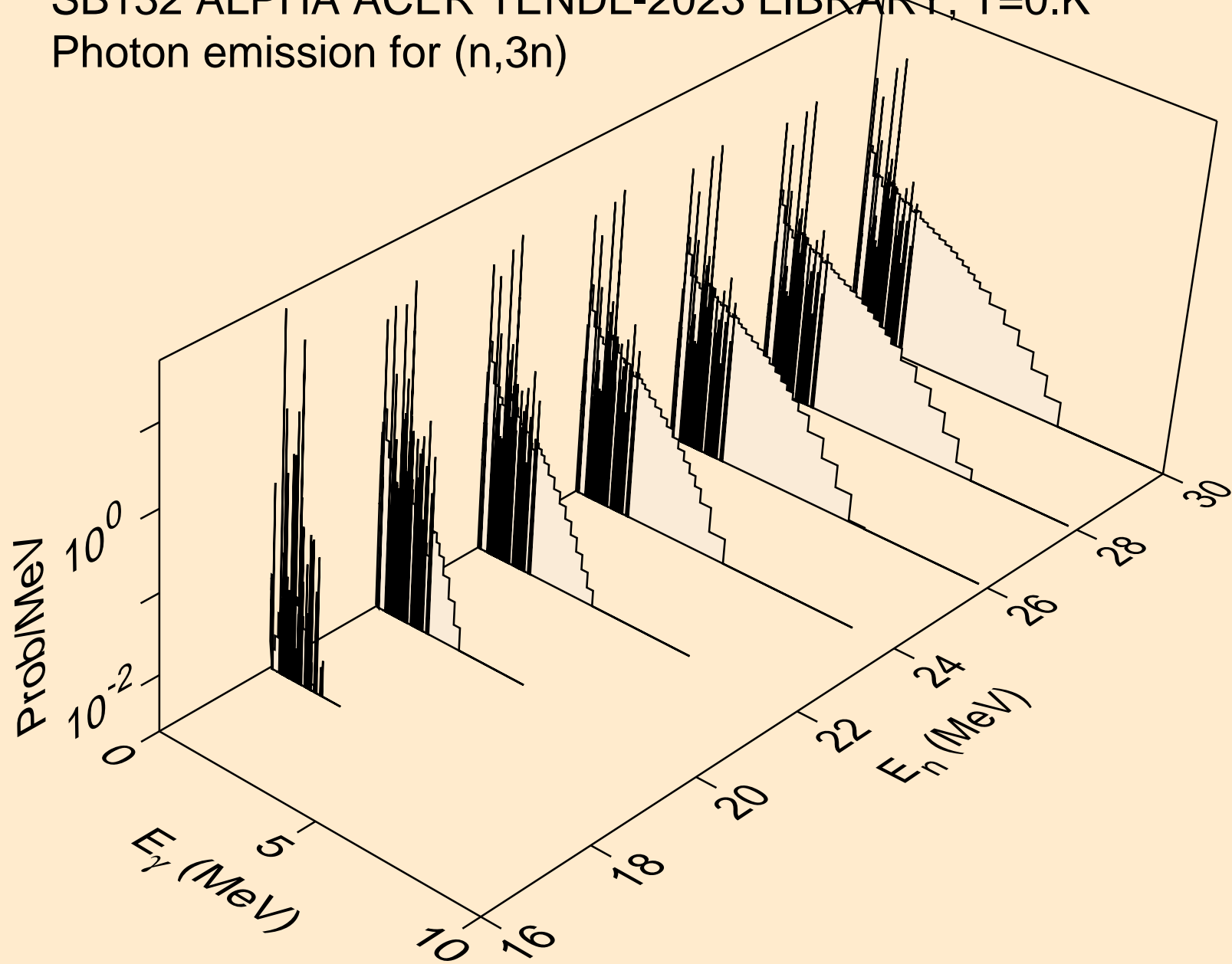
SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



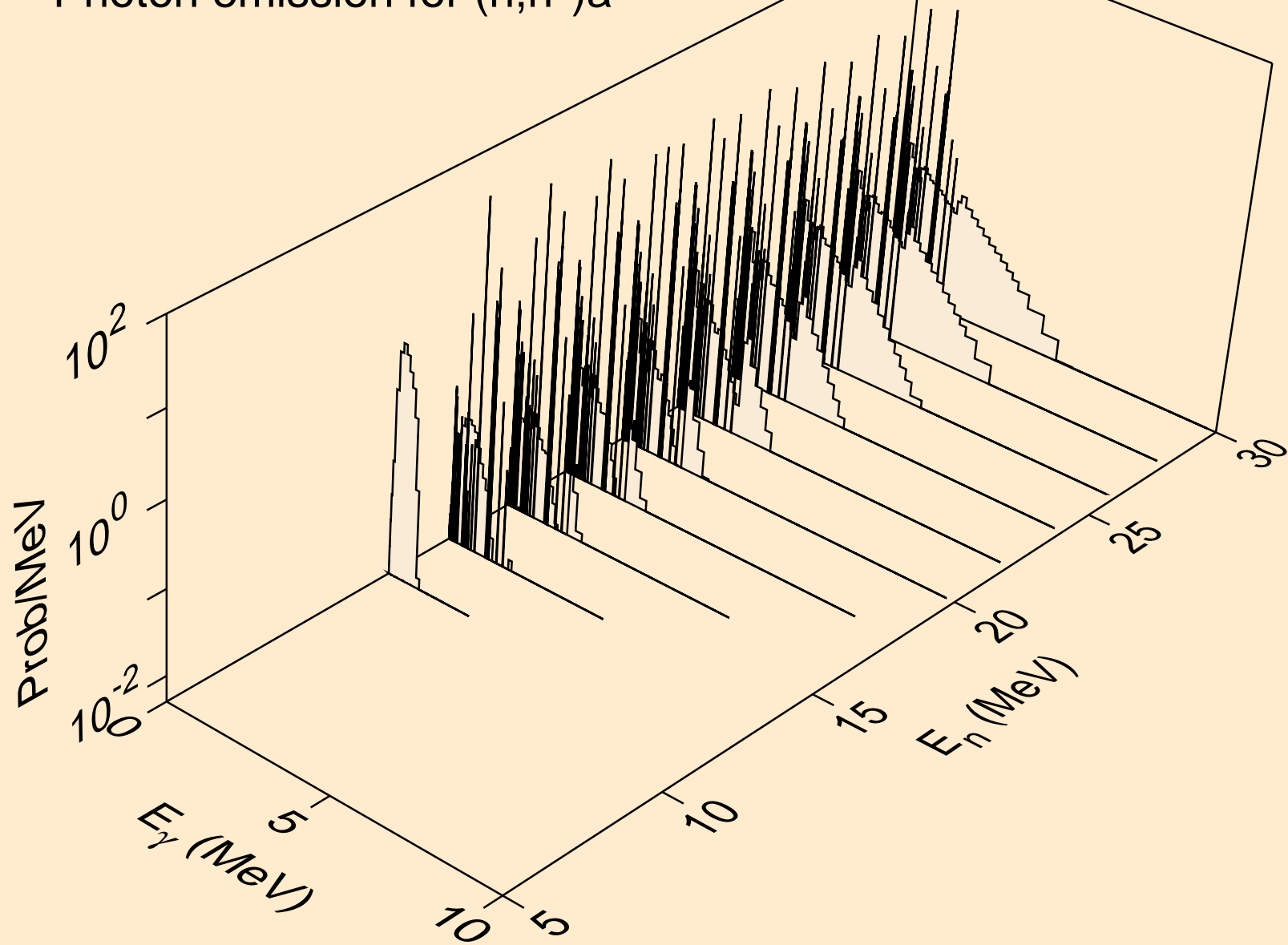
SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



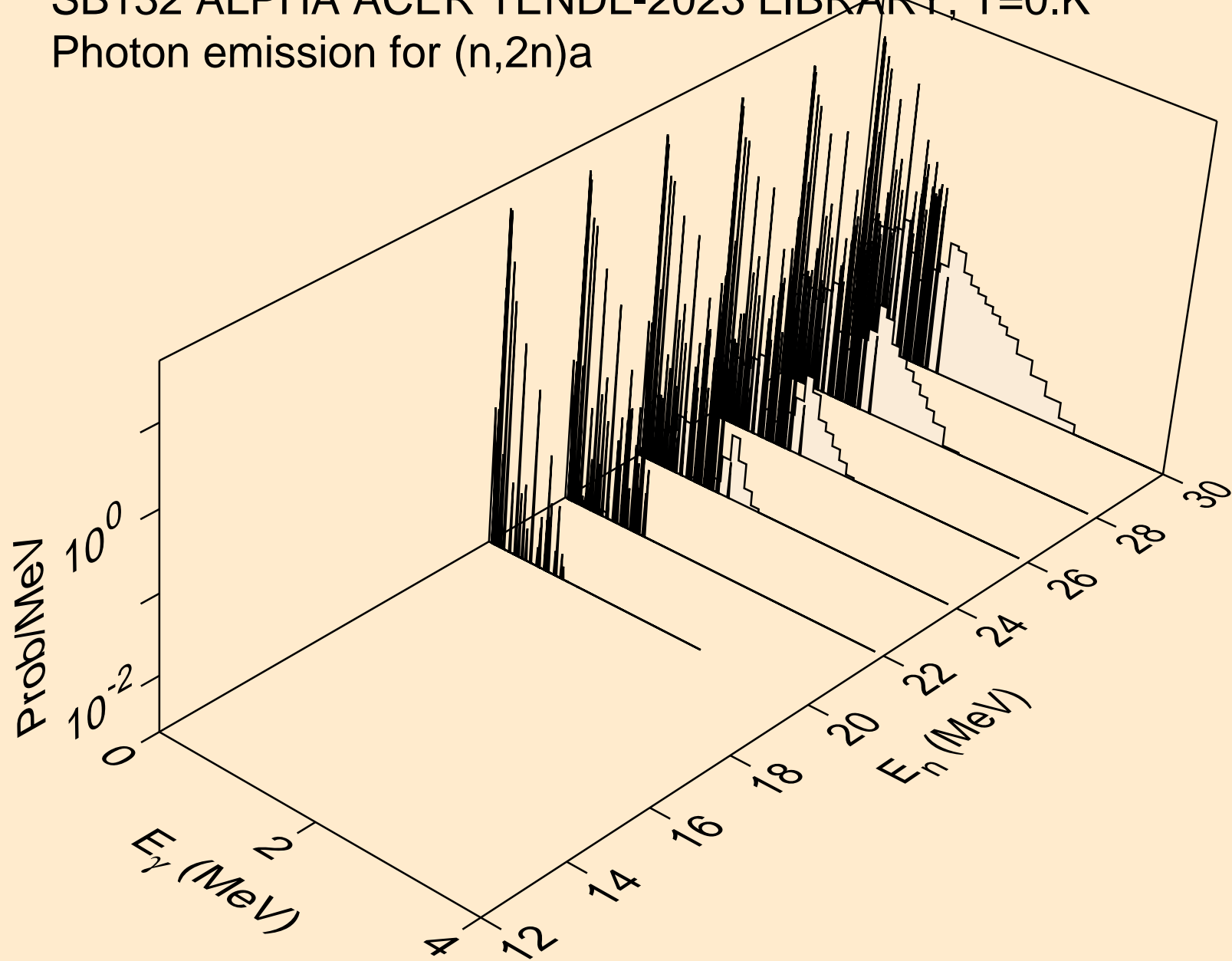
SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



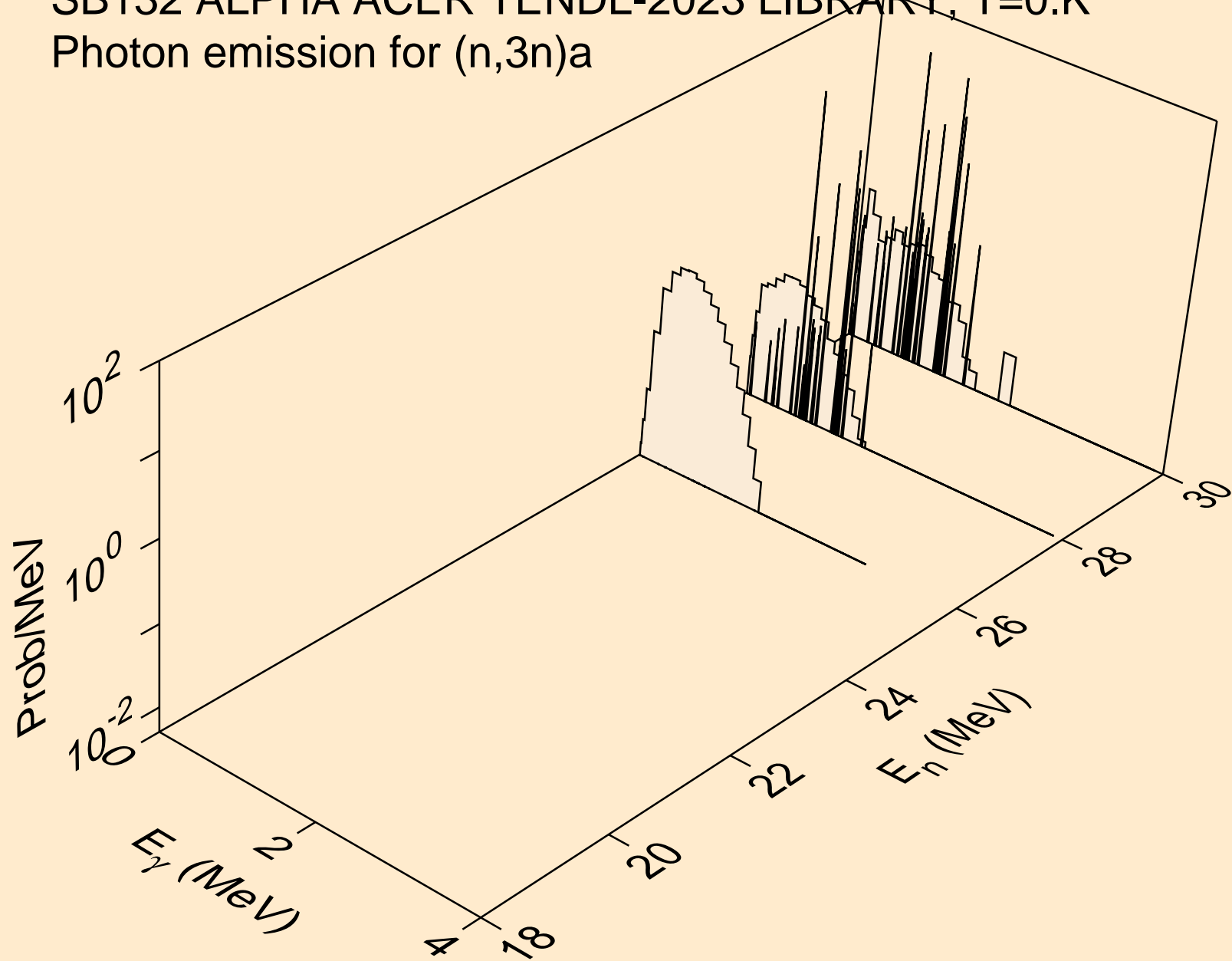
SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



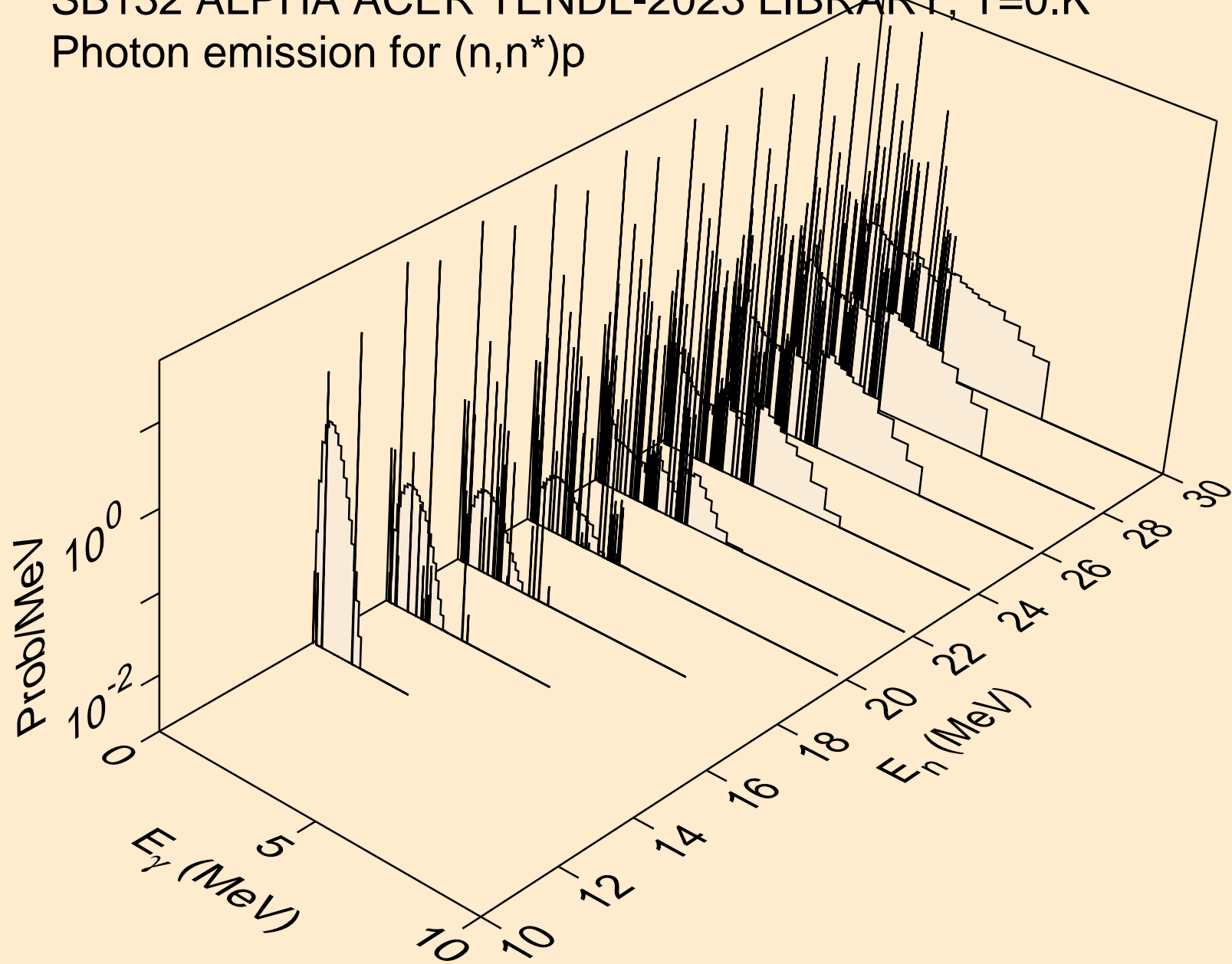
SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



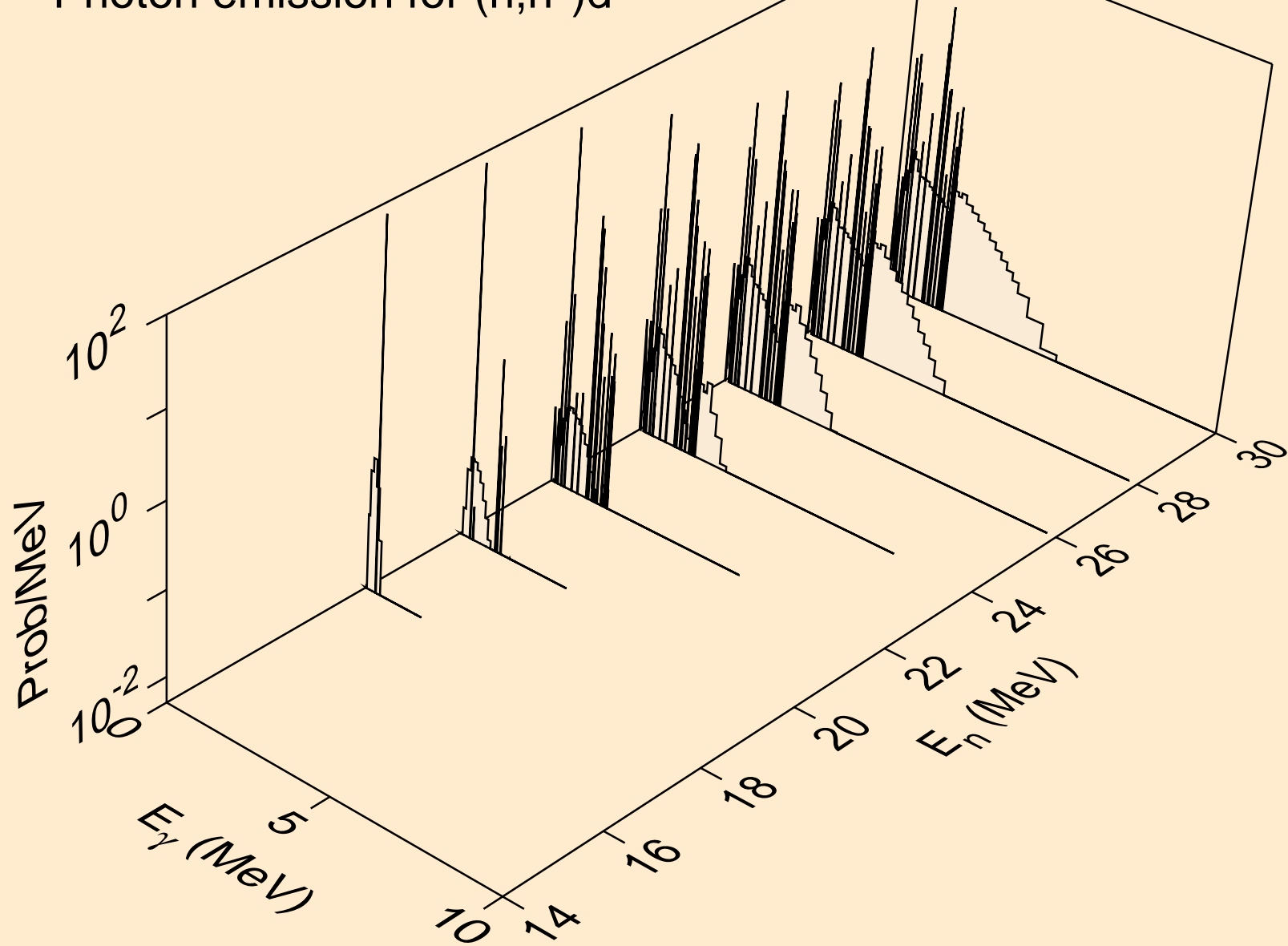
SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)a



SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p

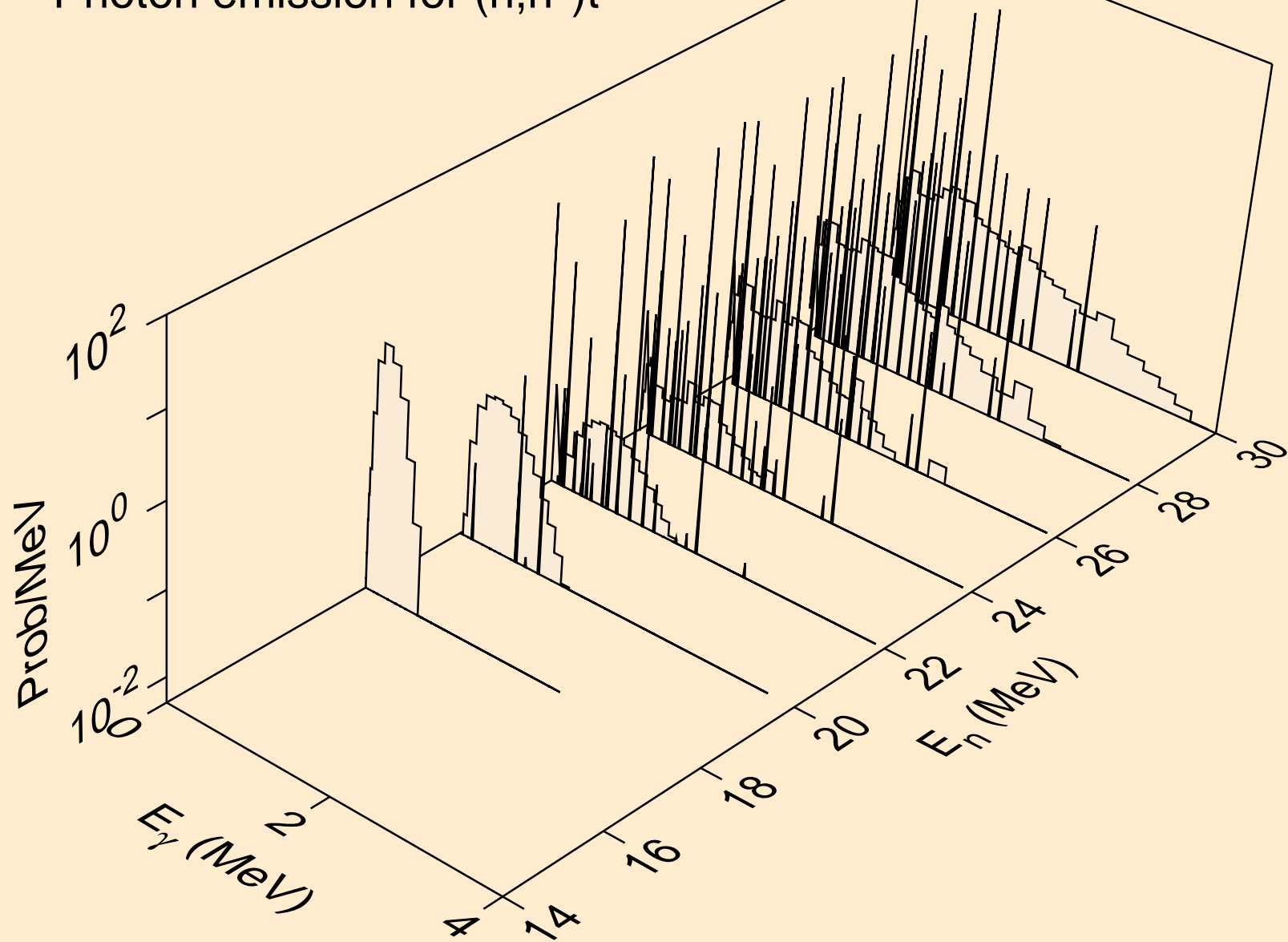


SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

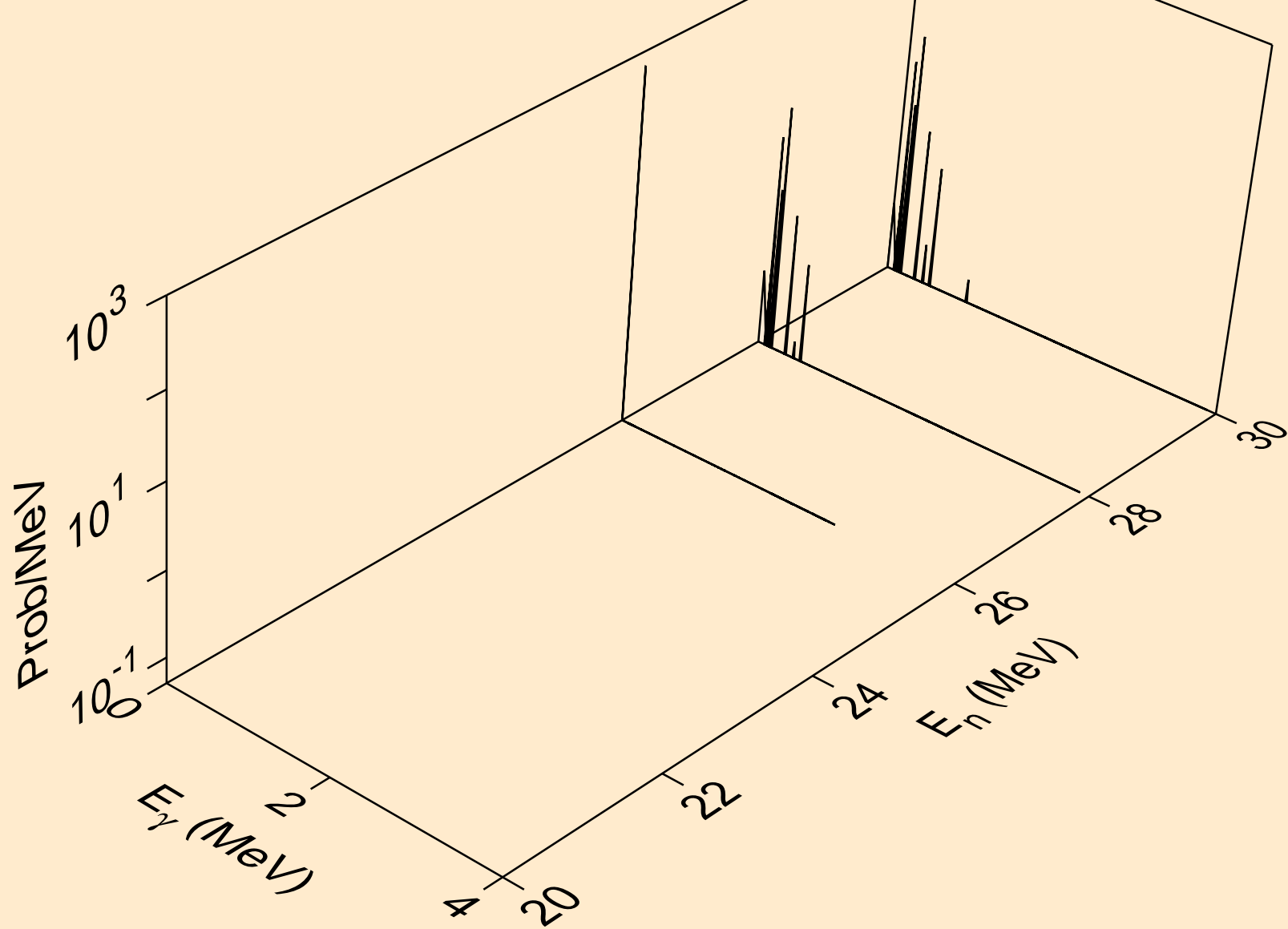




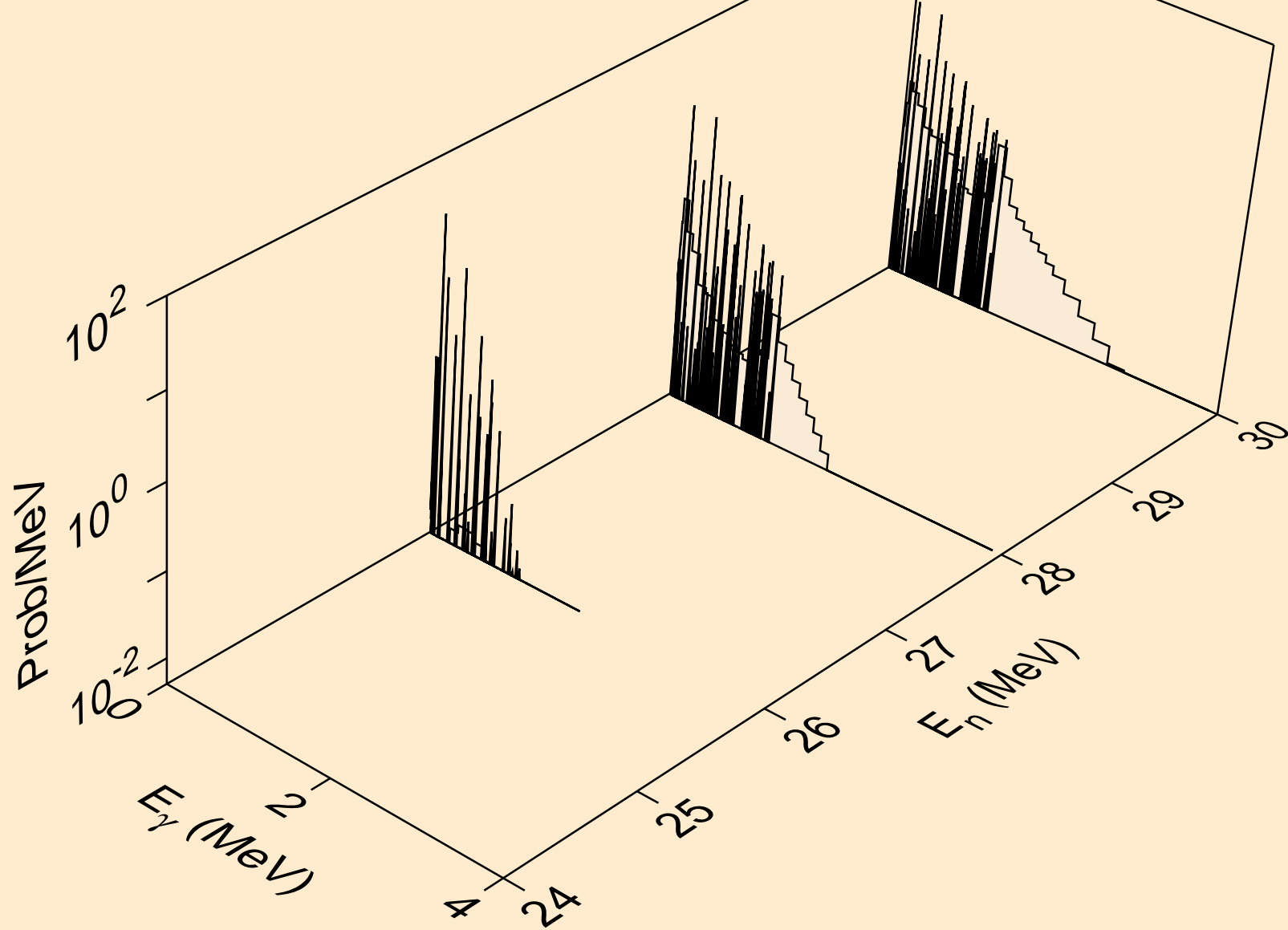
SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



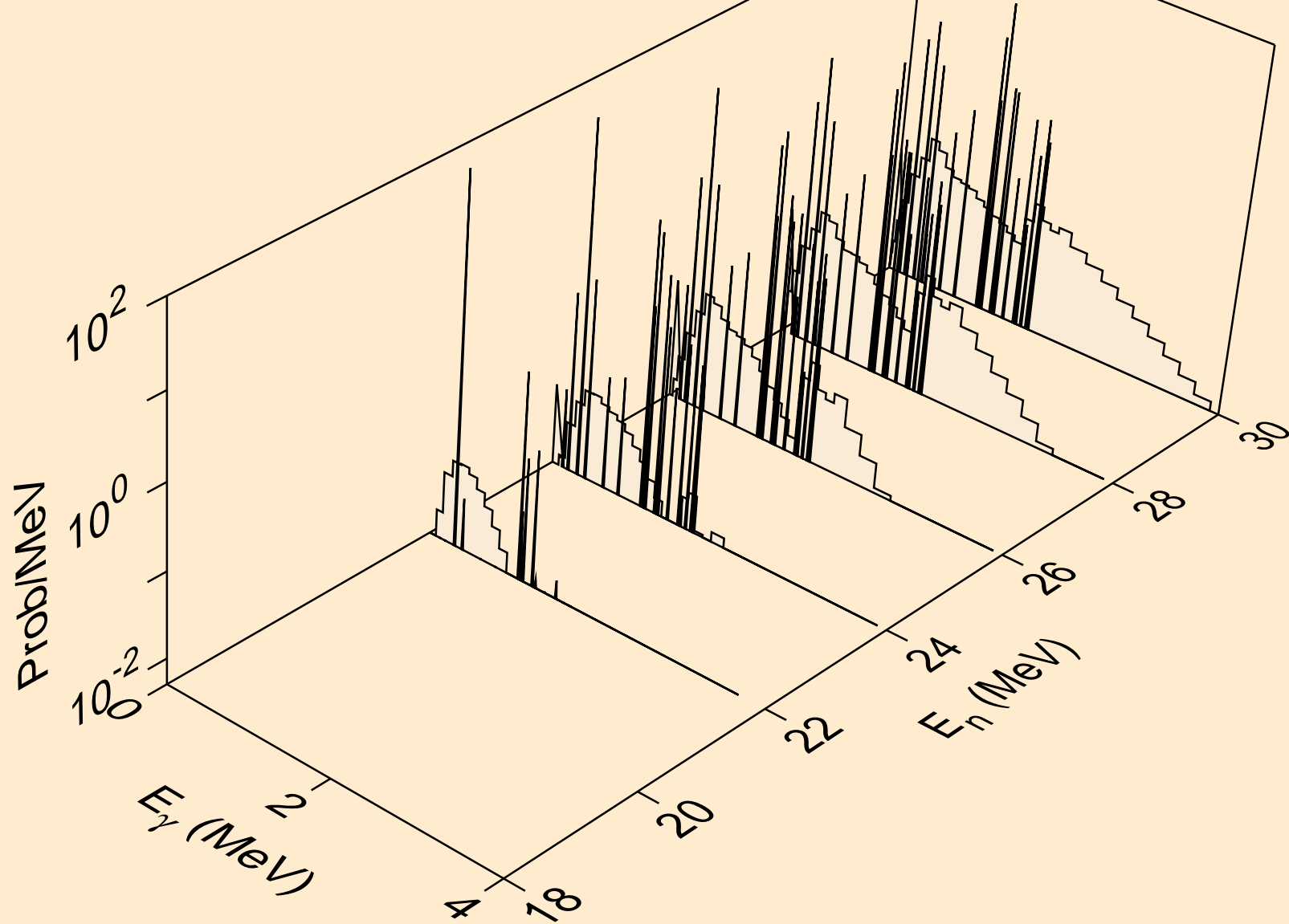
SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



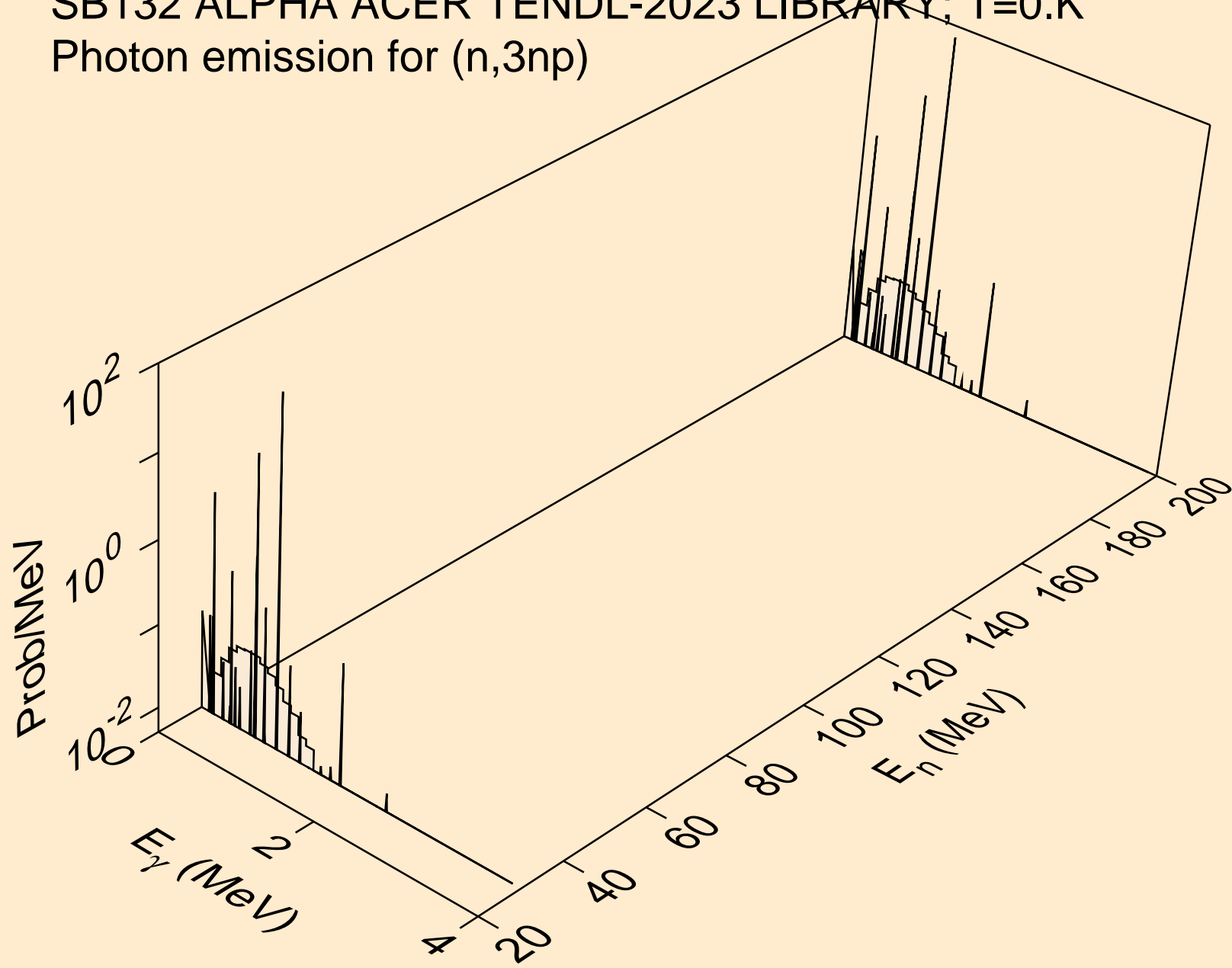
SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



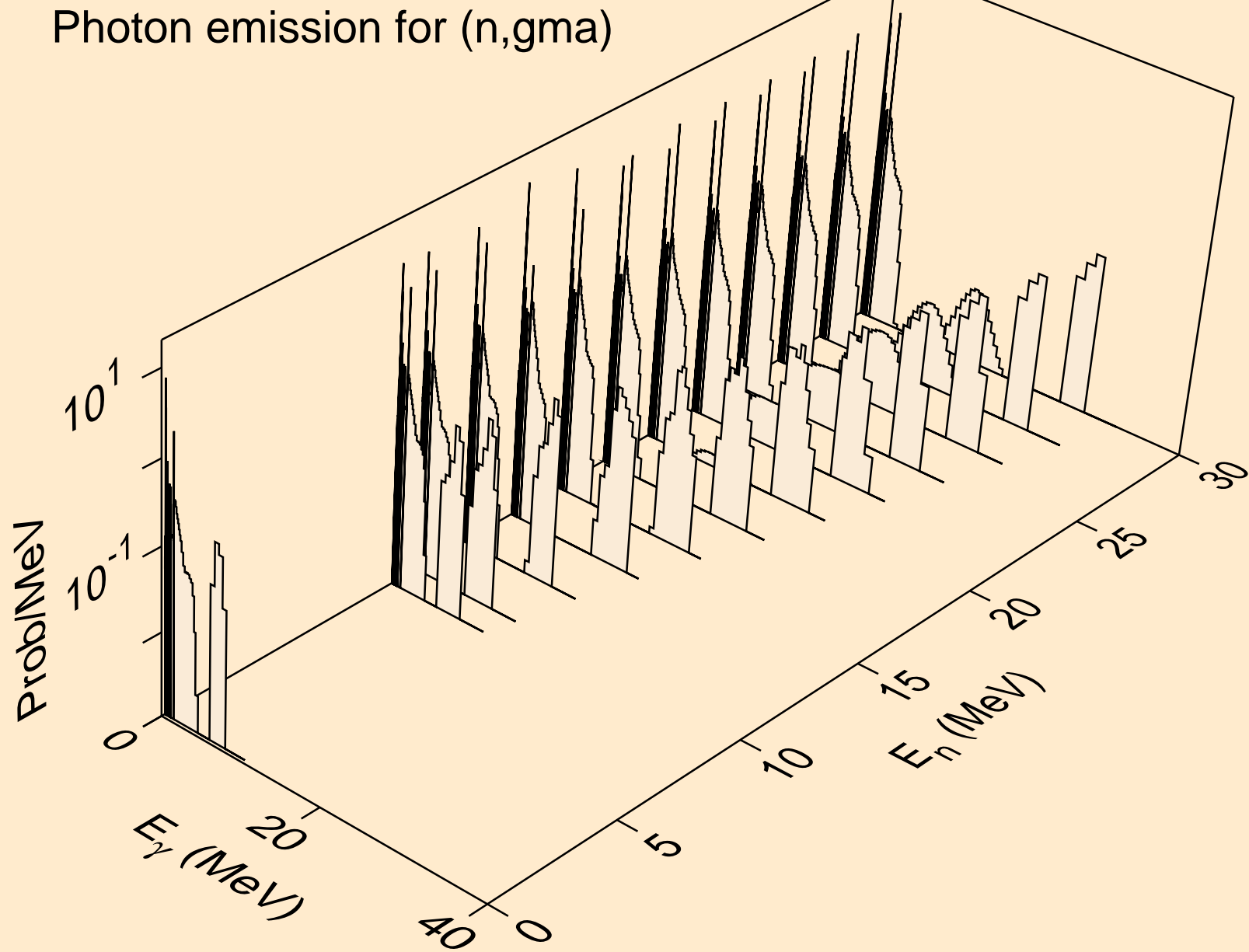
SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



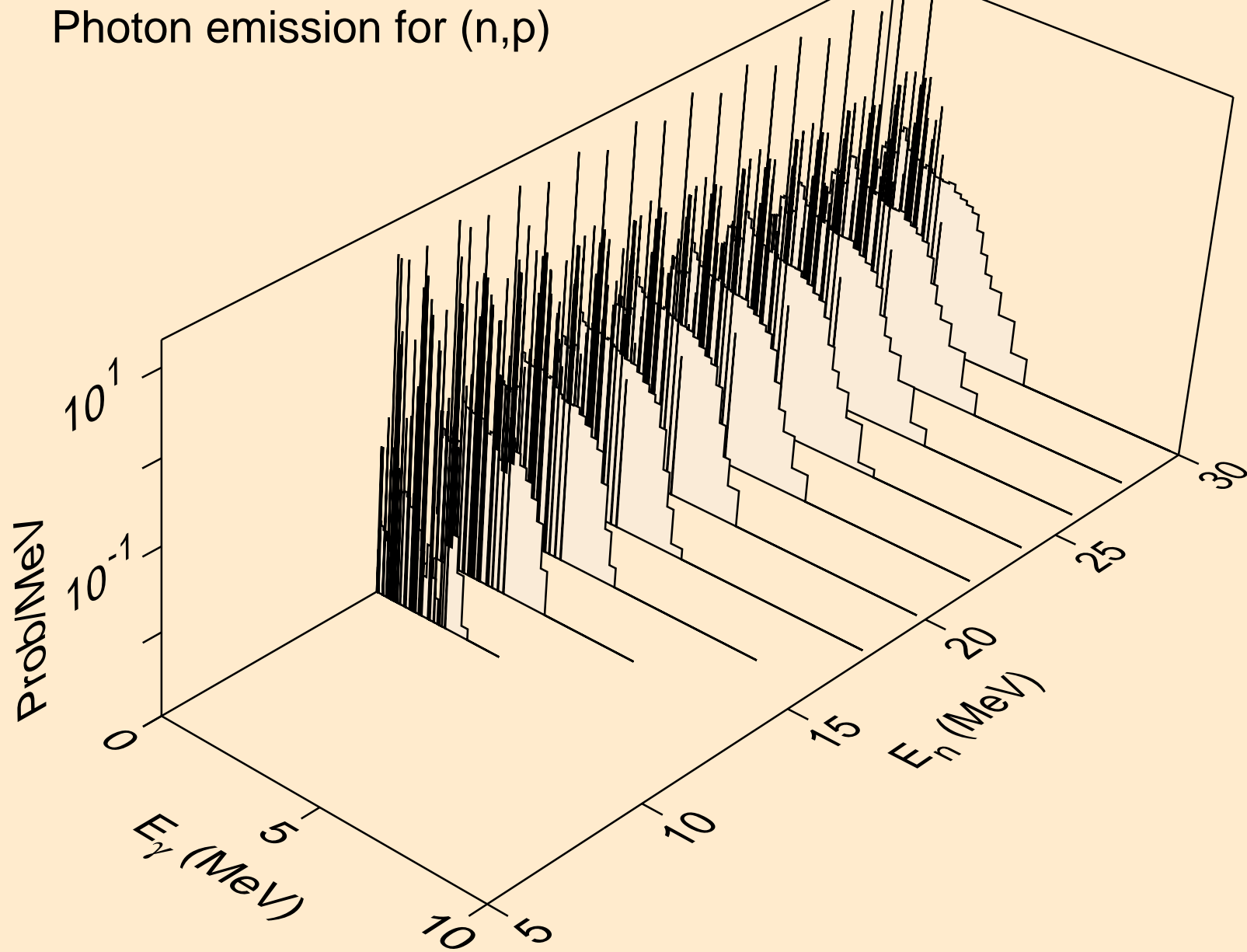
SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



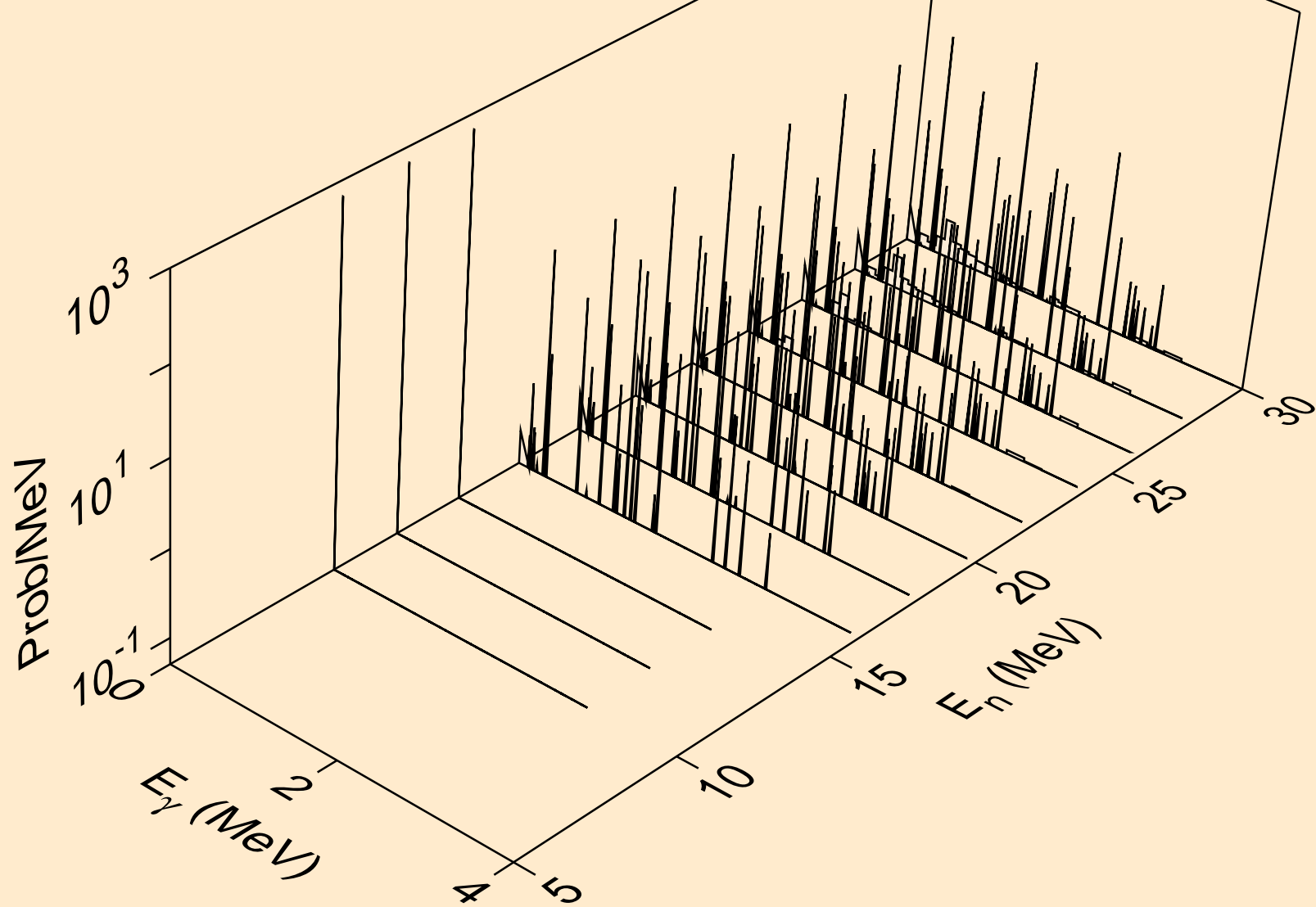
SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)

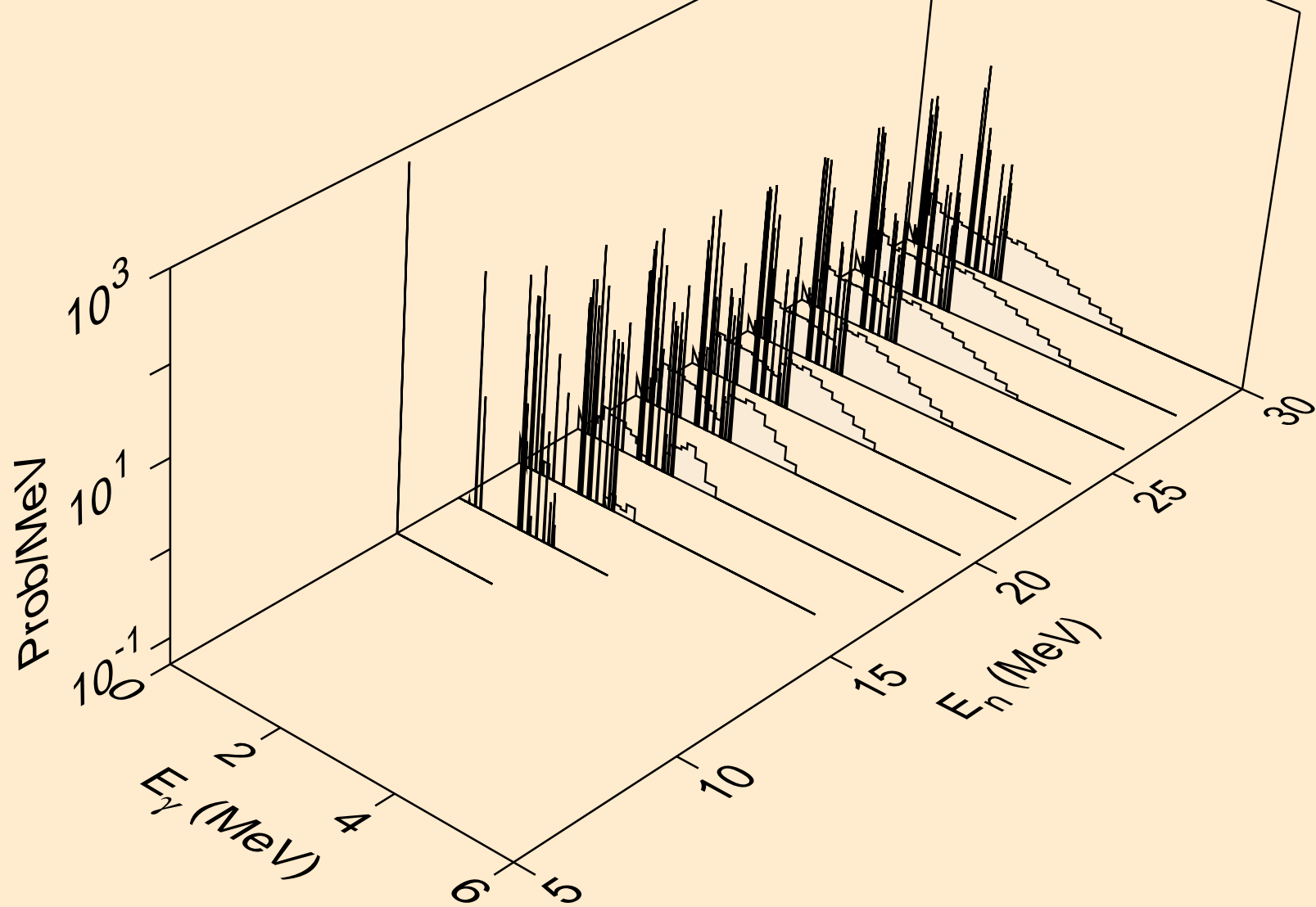


SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)

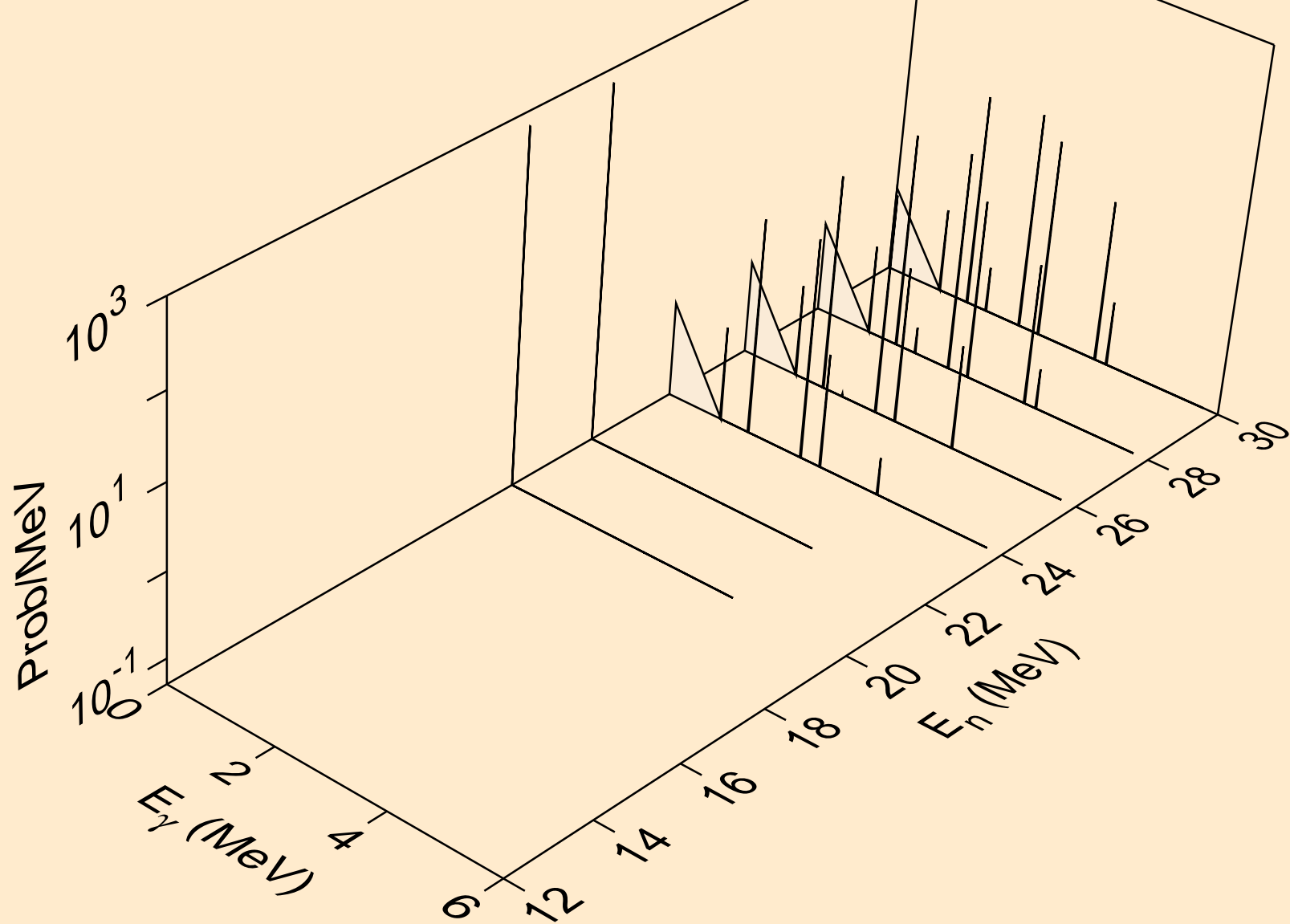




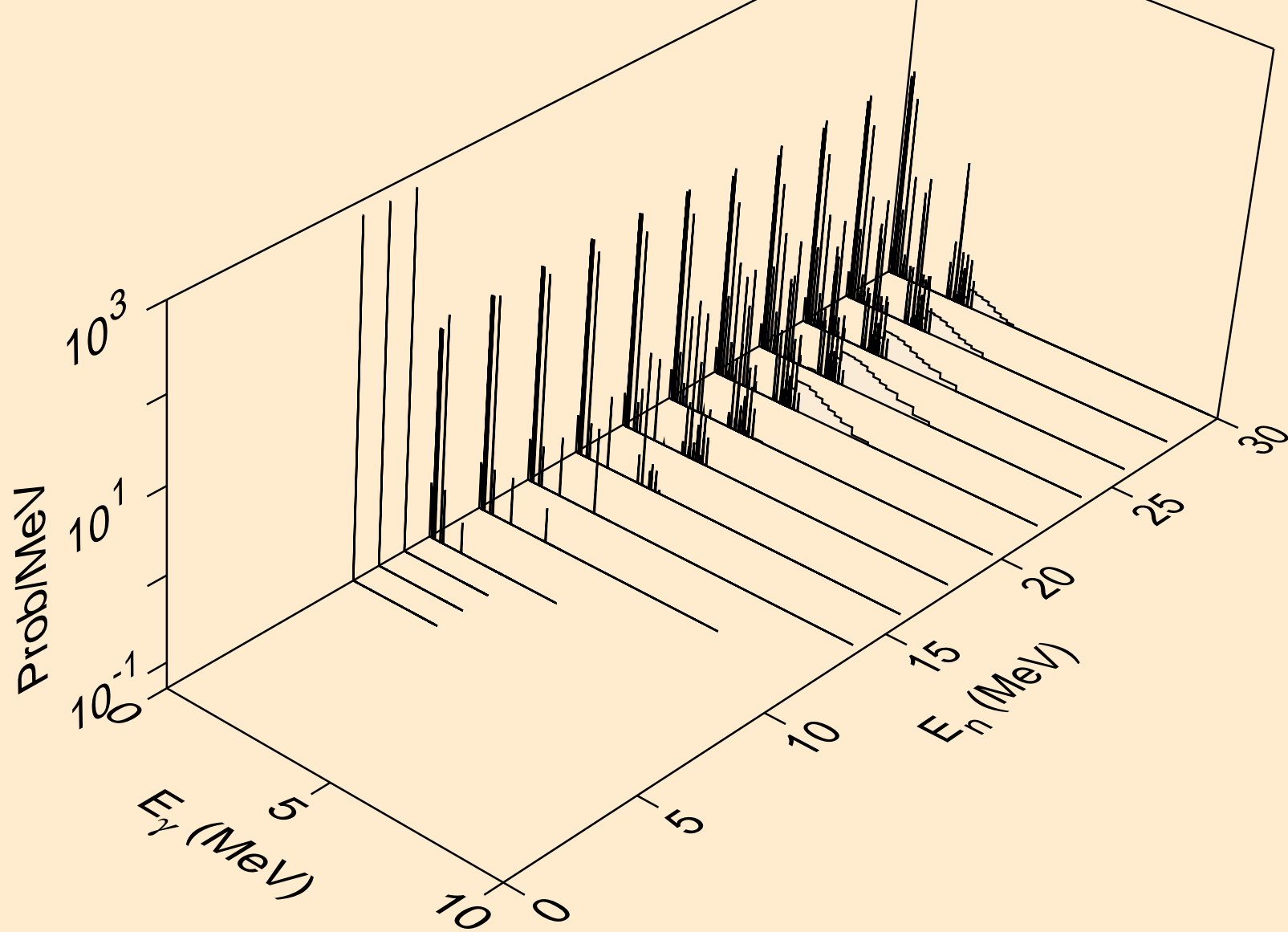
SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



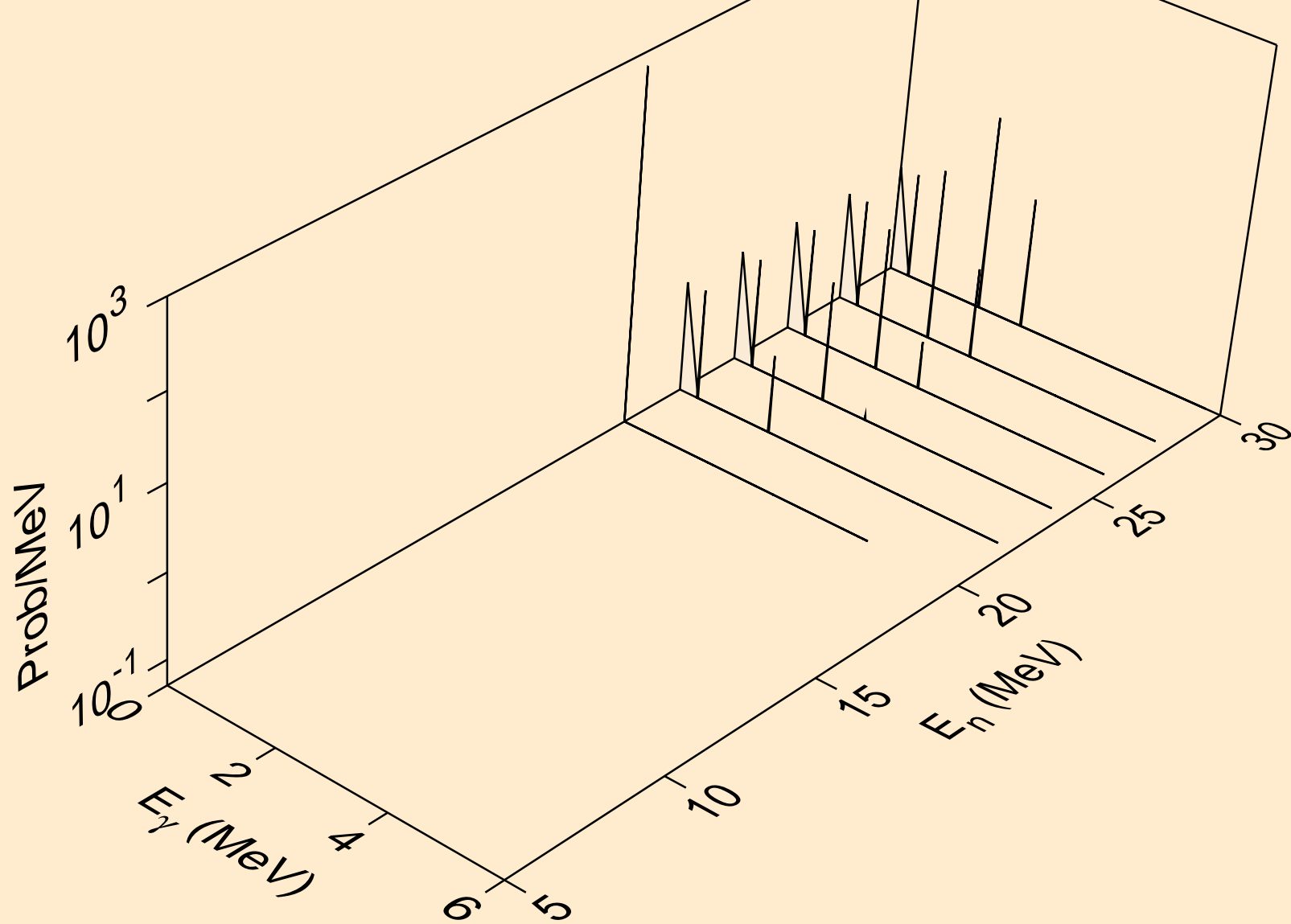
SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

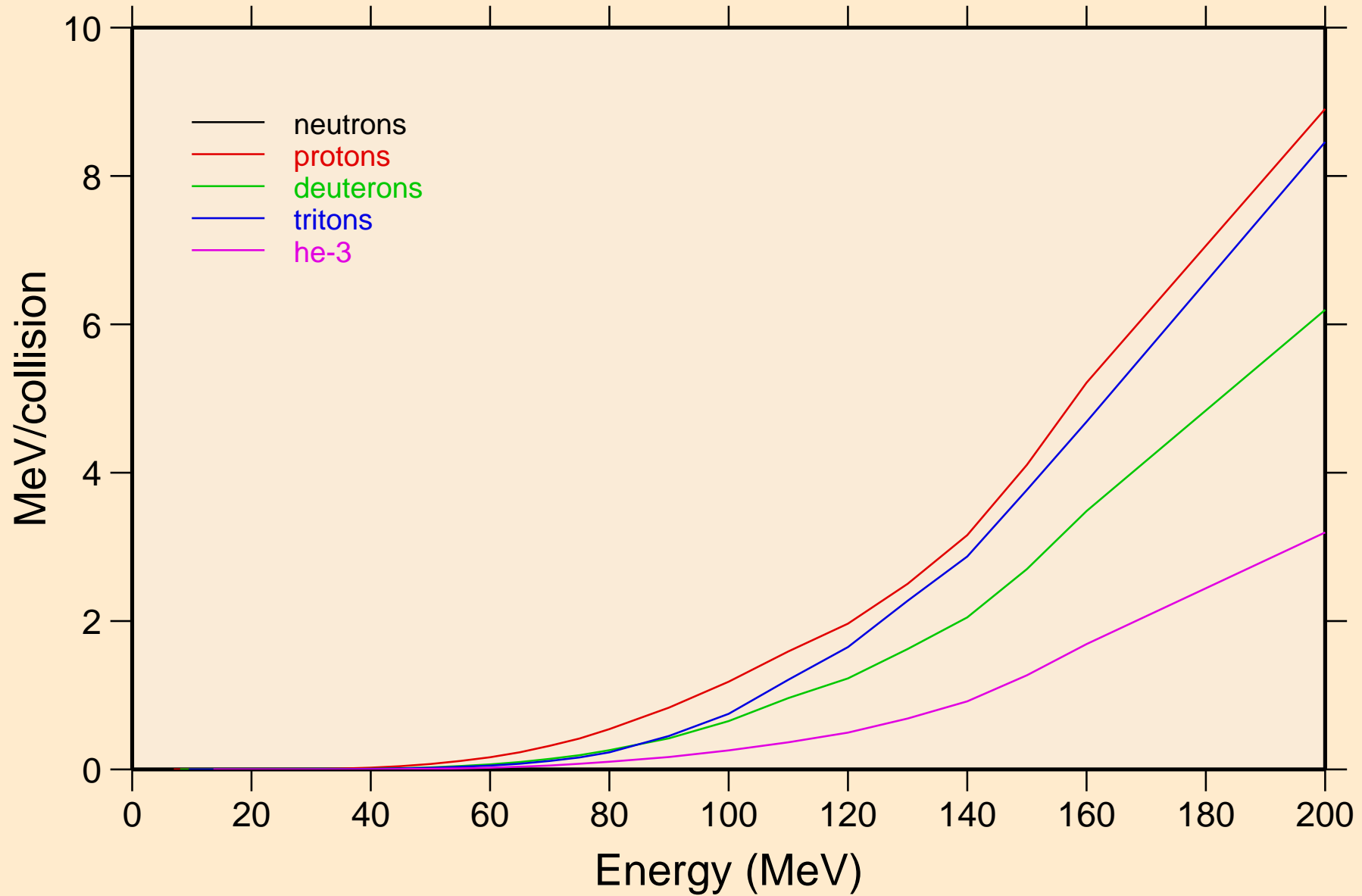


SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)

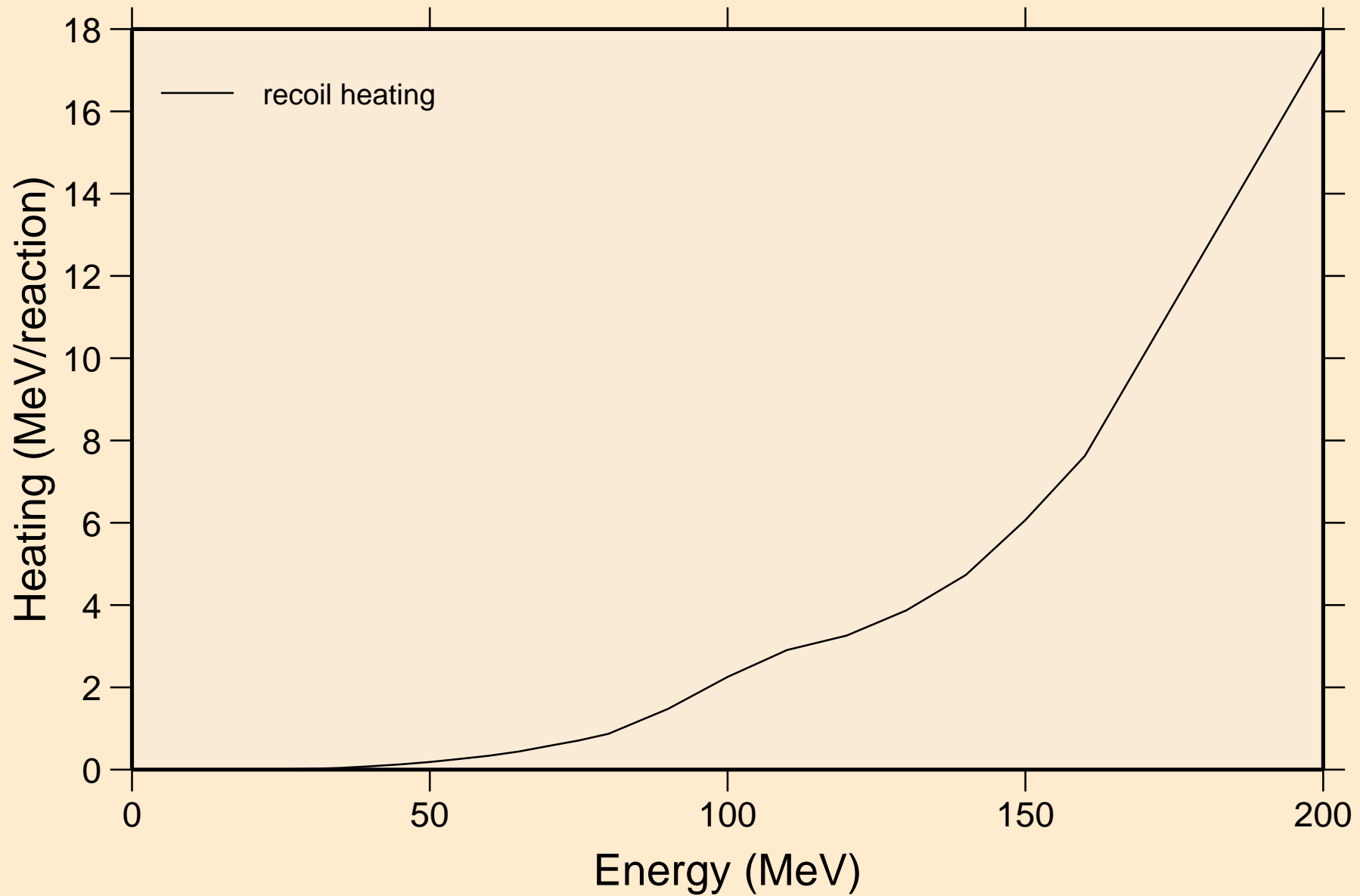


# SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

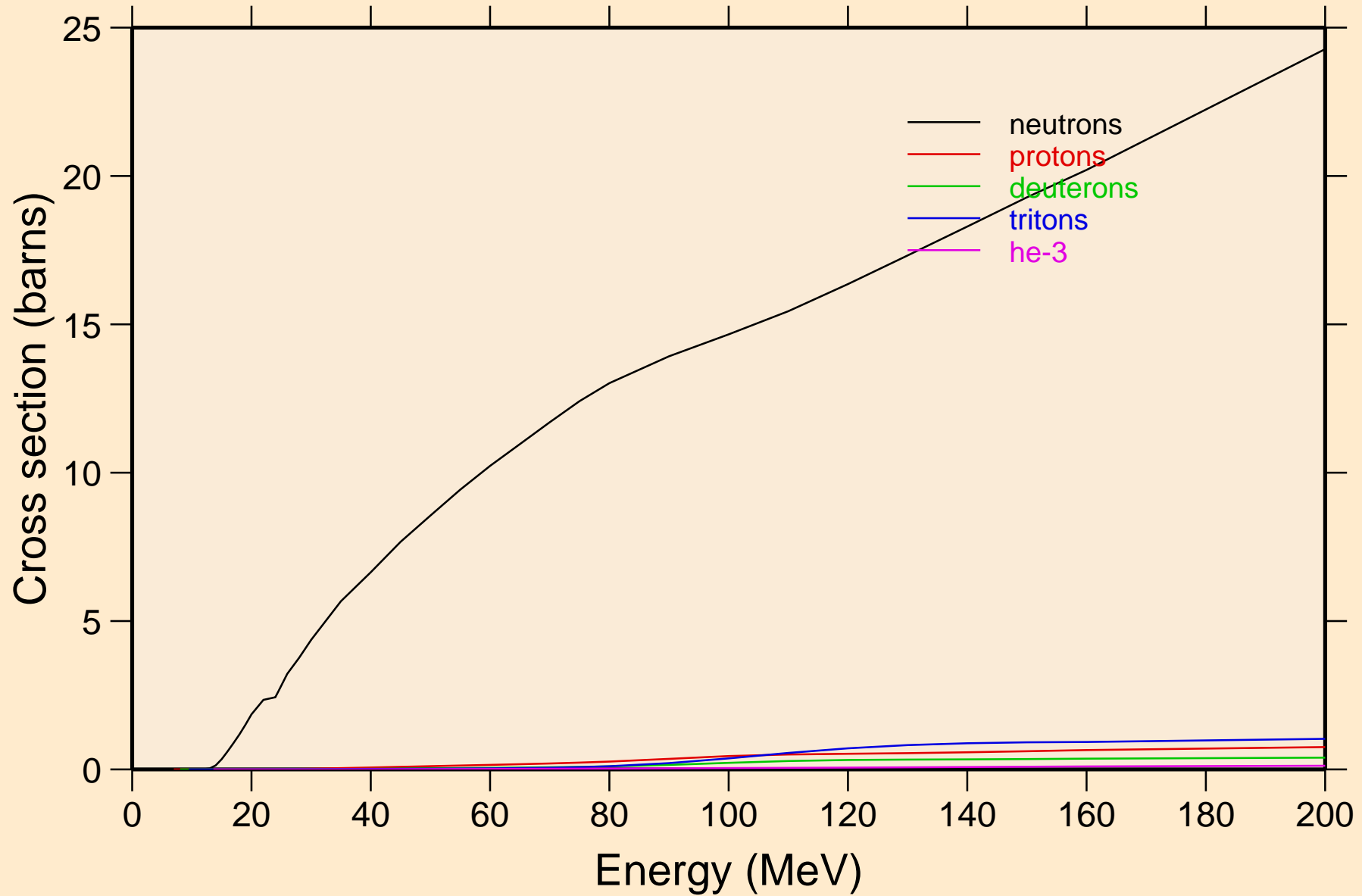
## Particle heating contributions



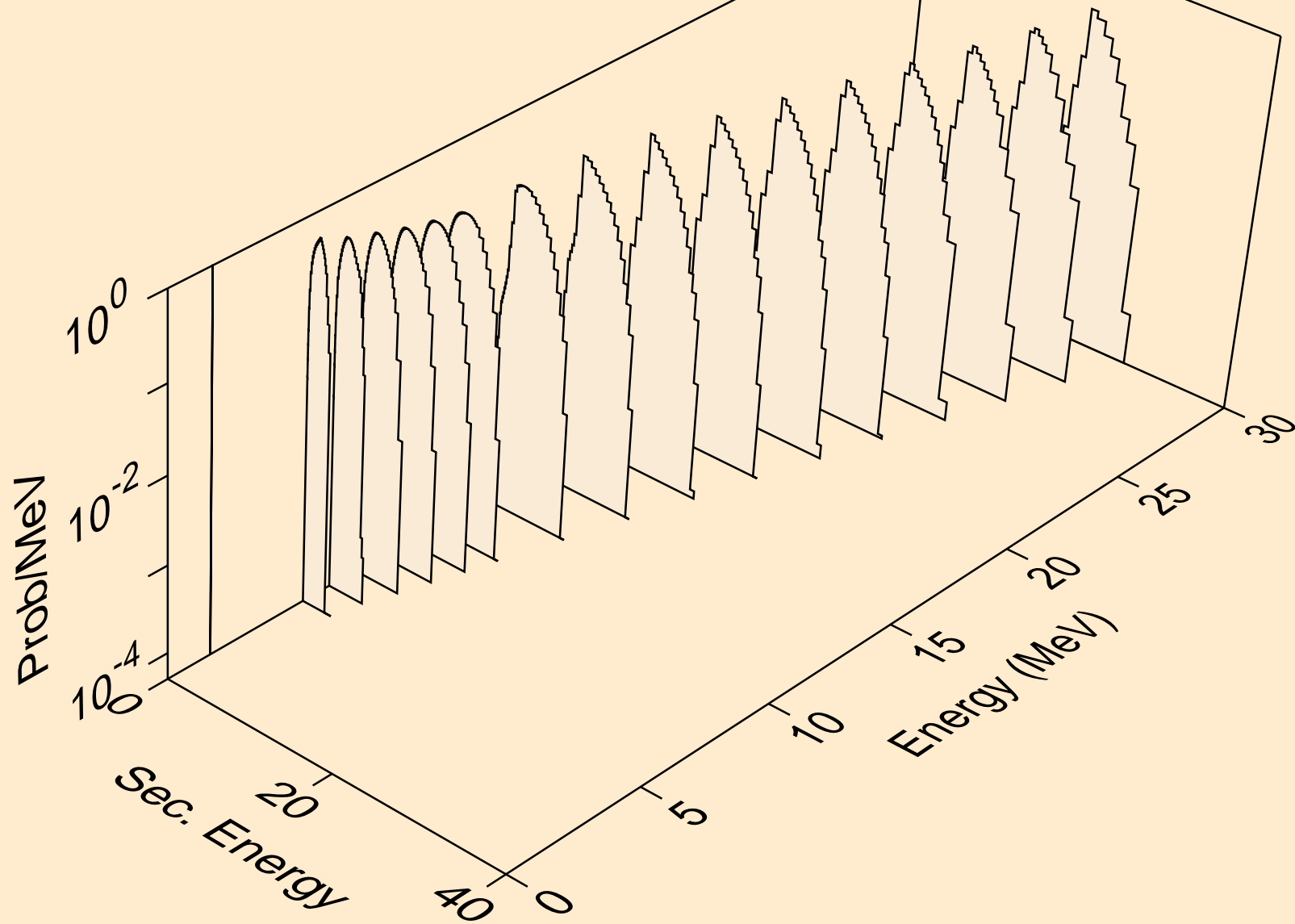
SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections

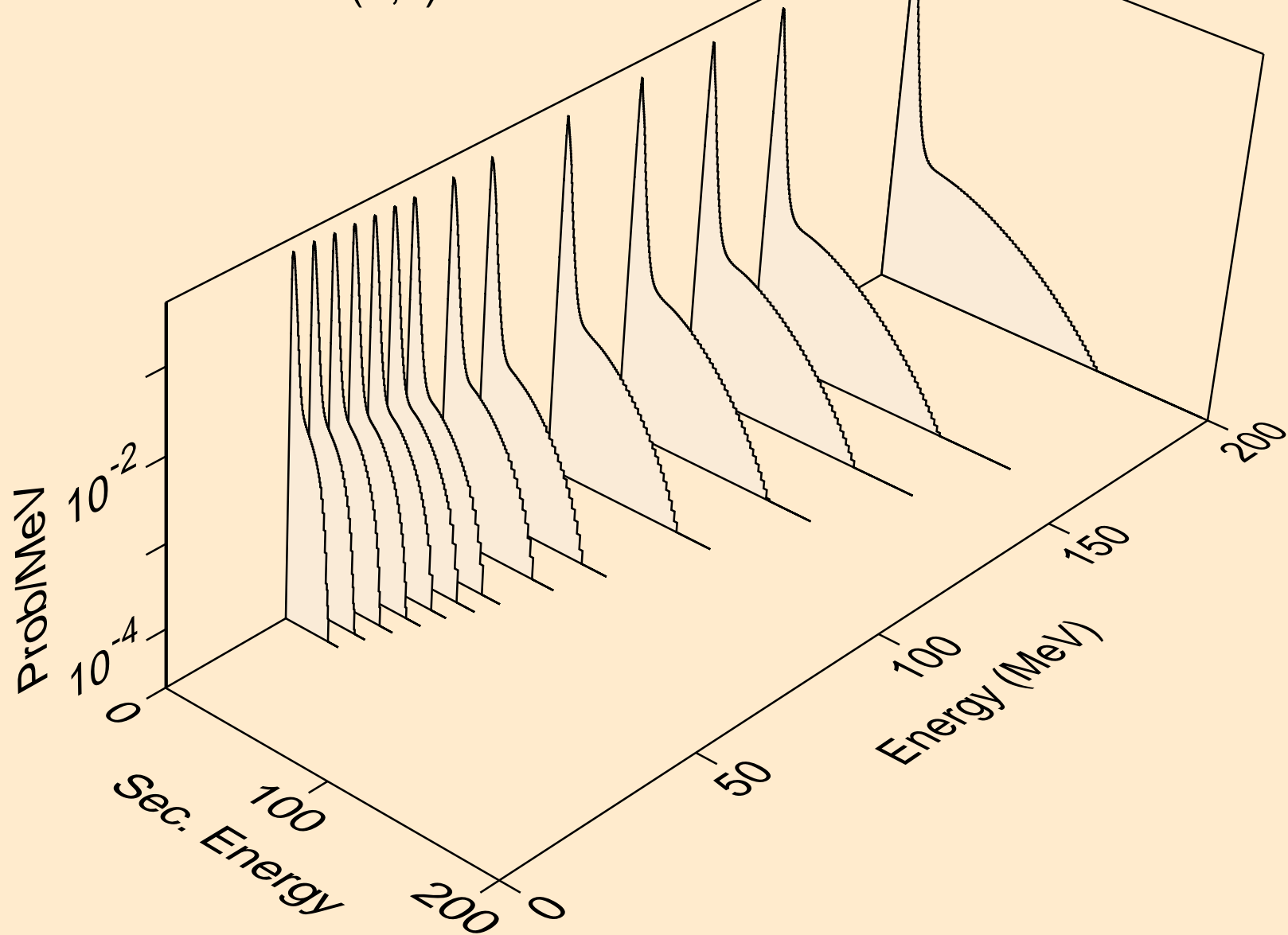


SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)

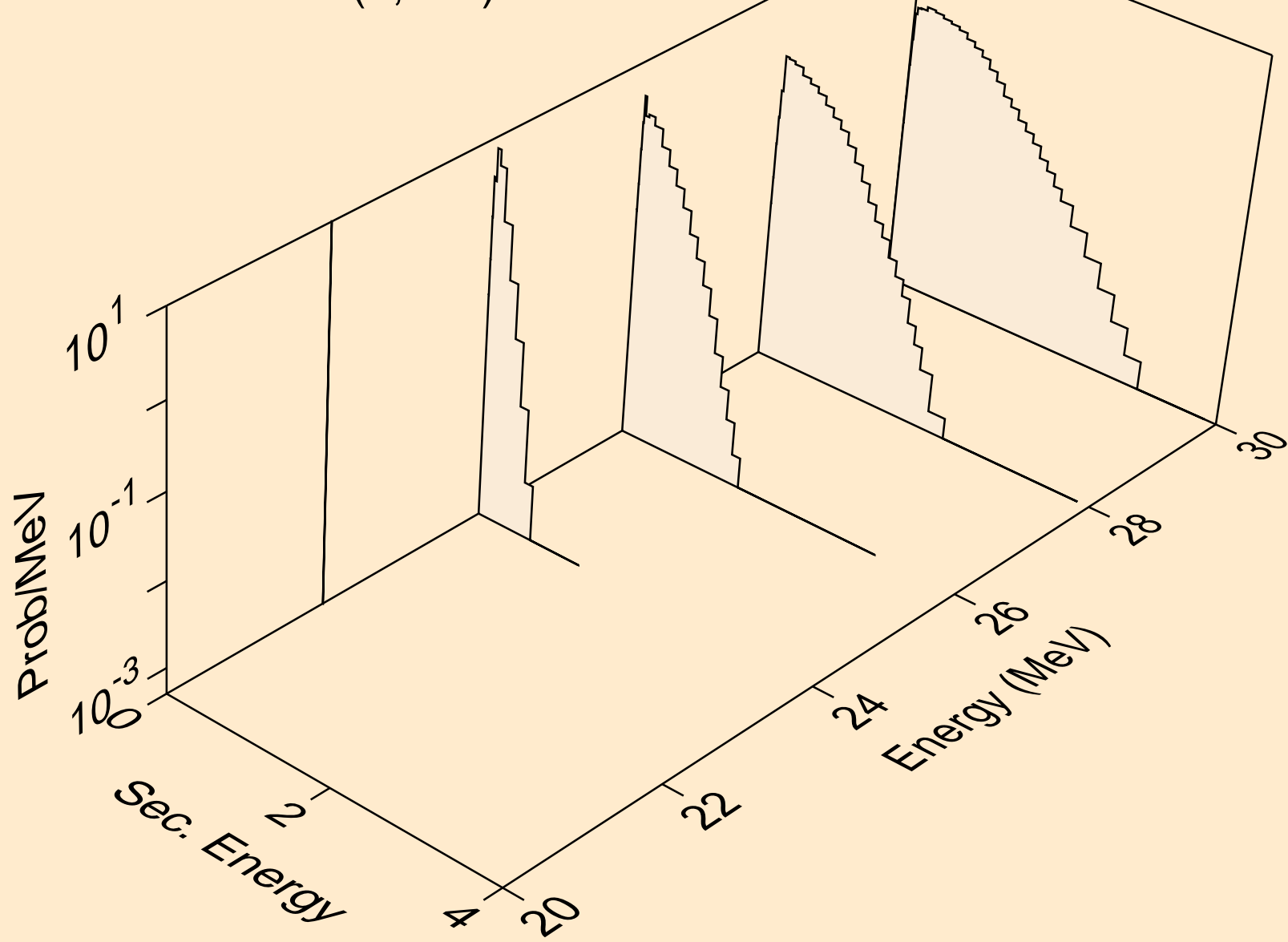




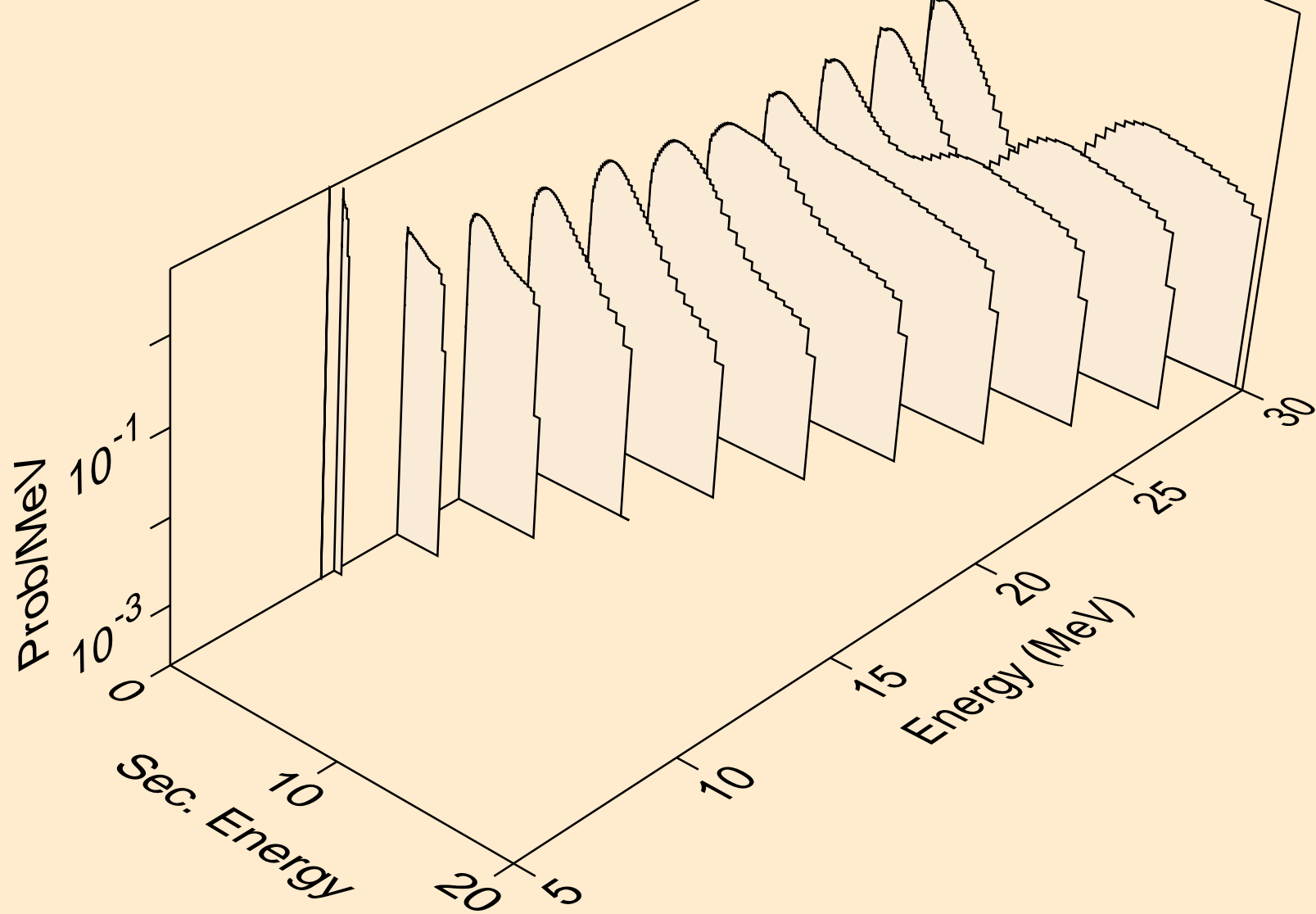
SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)



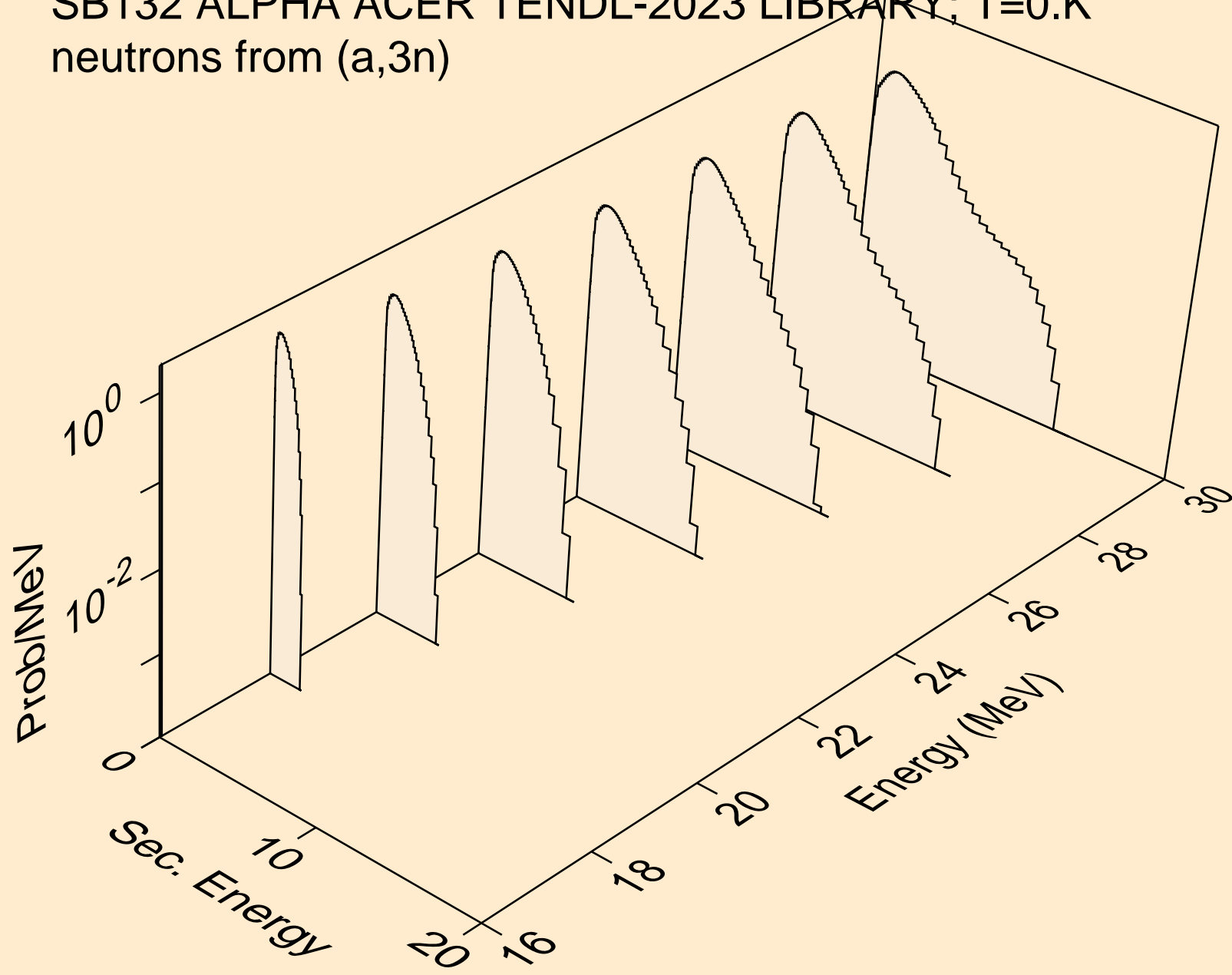
SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2nd)



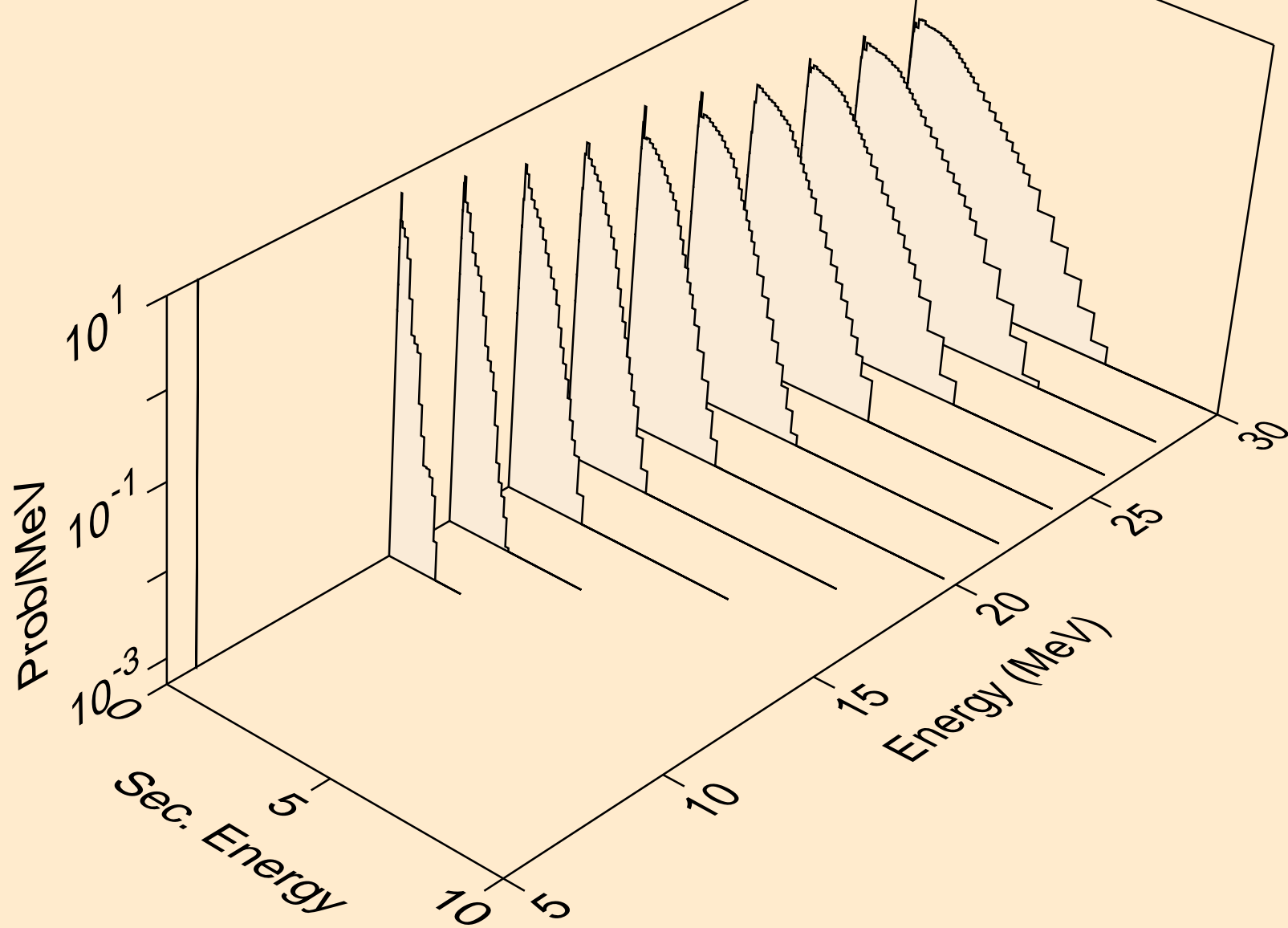
SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)



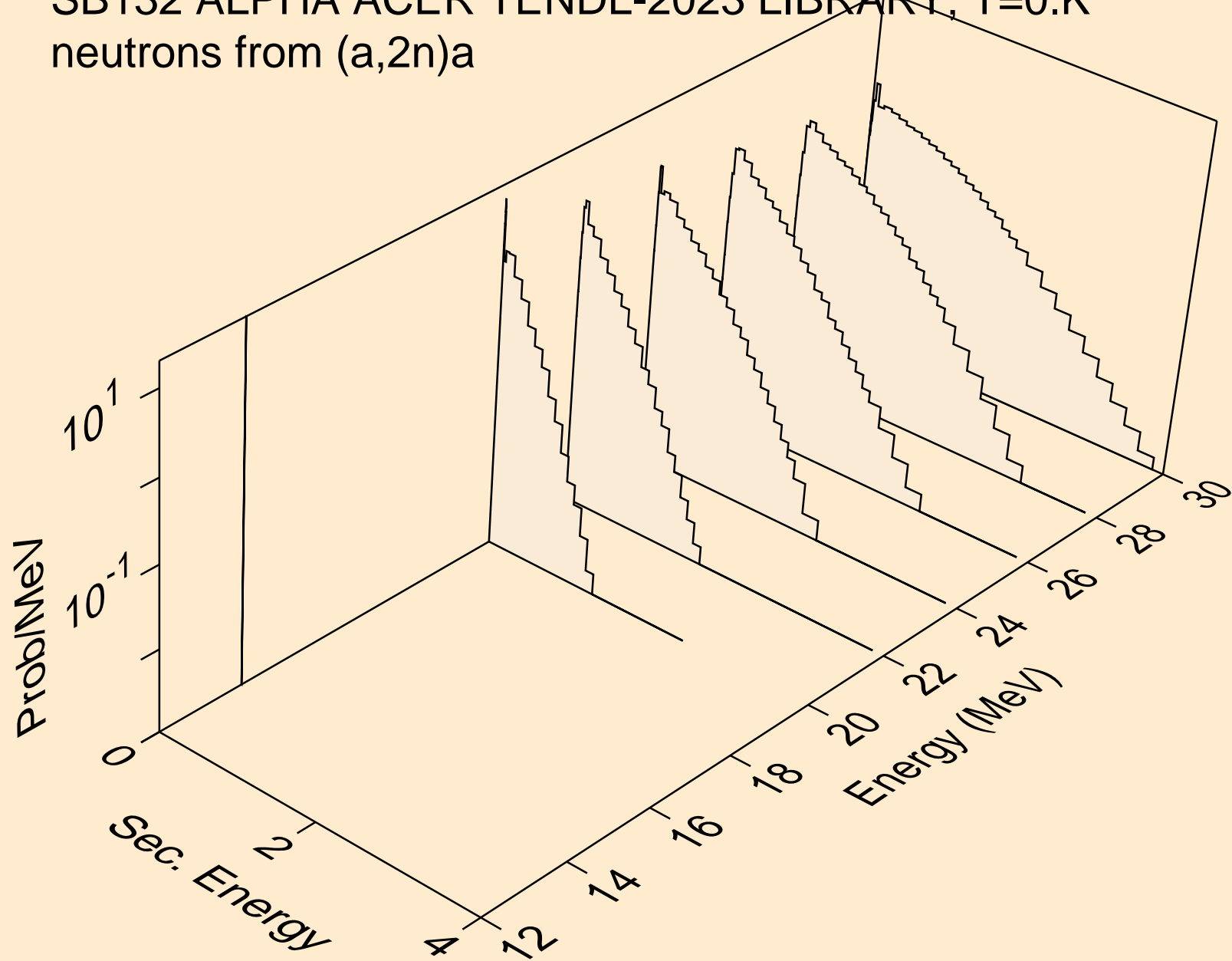
SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3n)



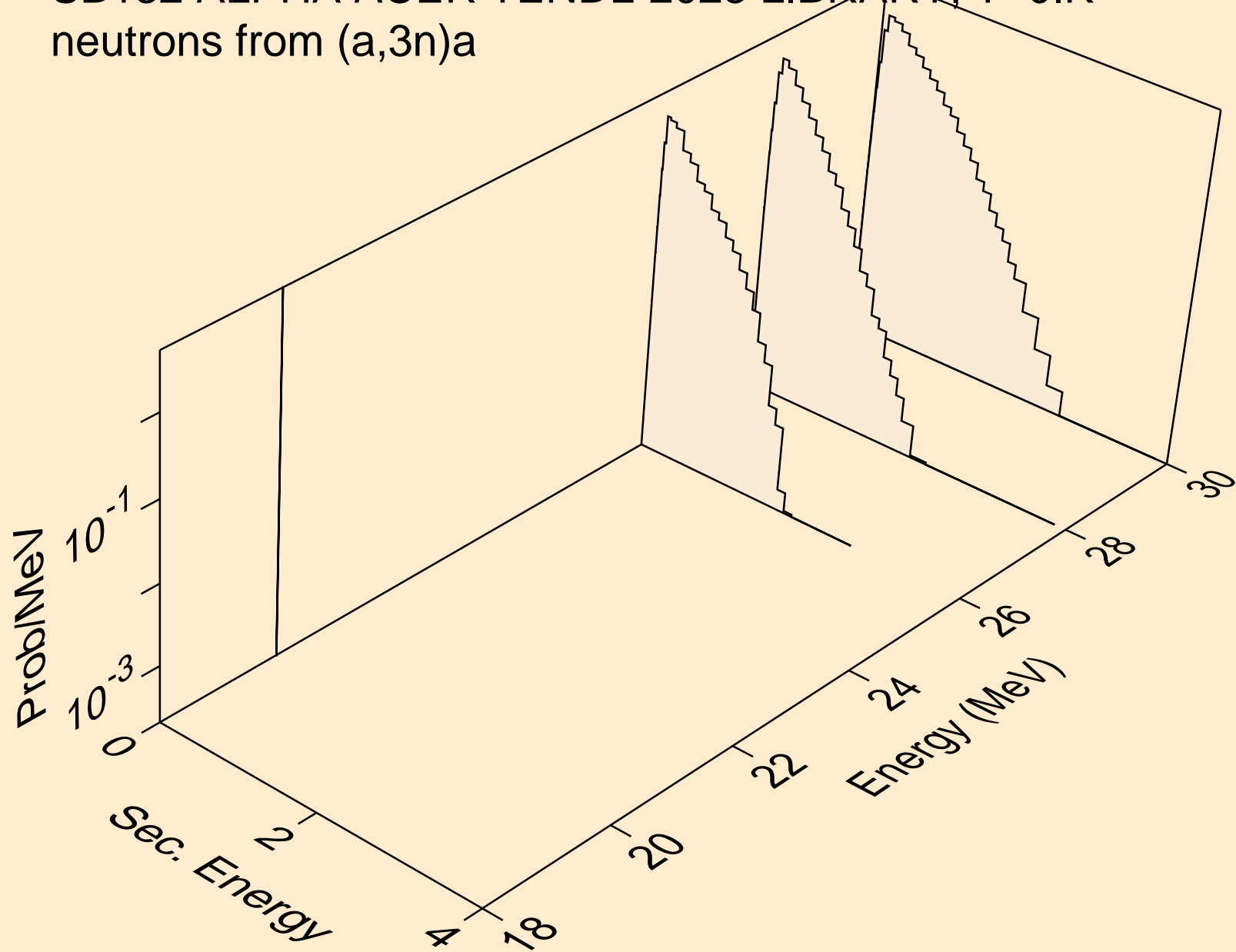
SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a



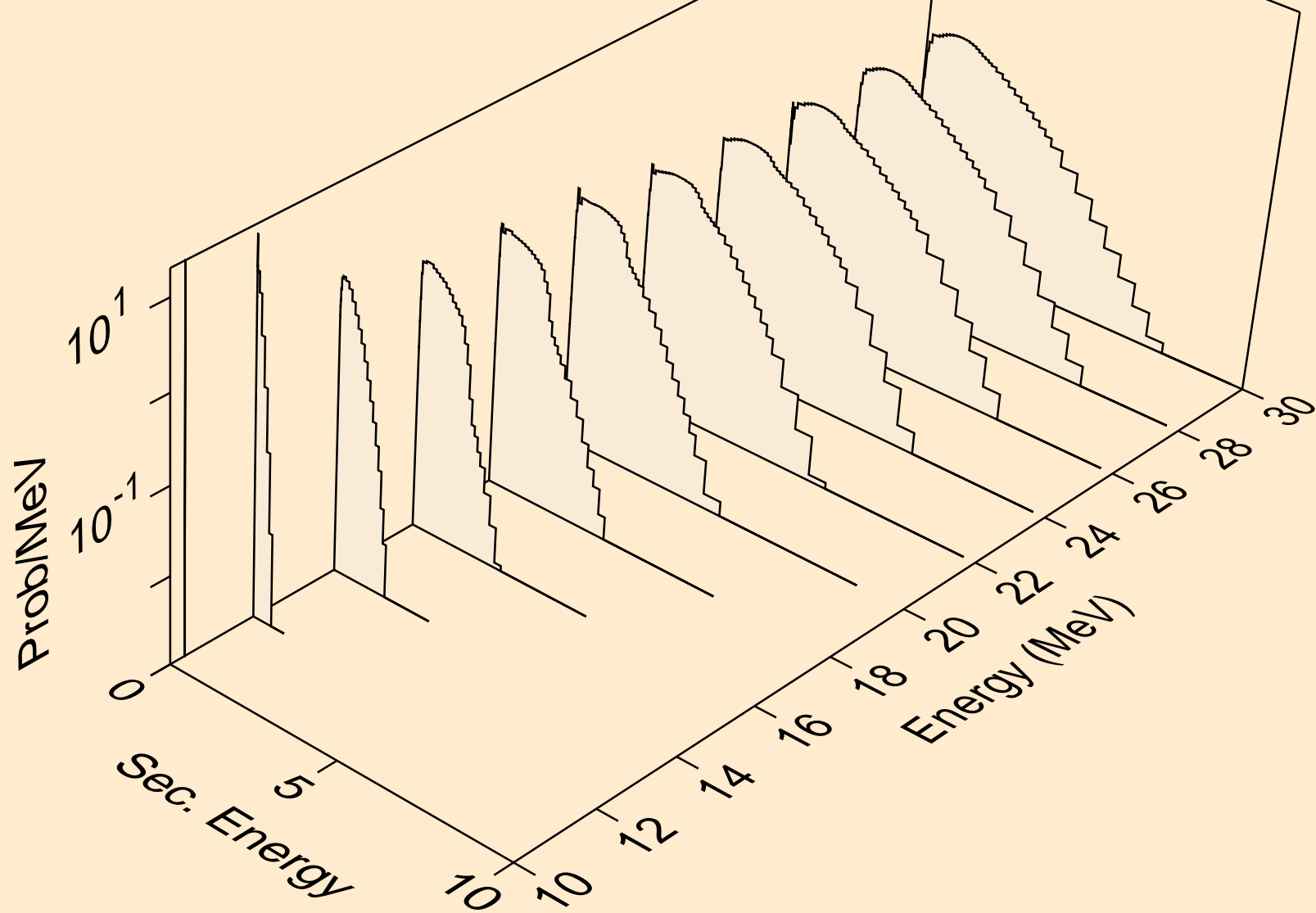
SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)a



SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3n)a

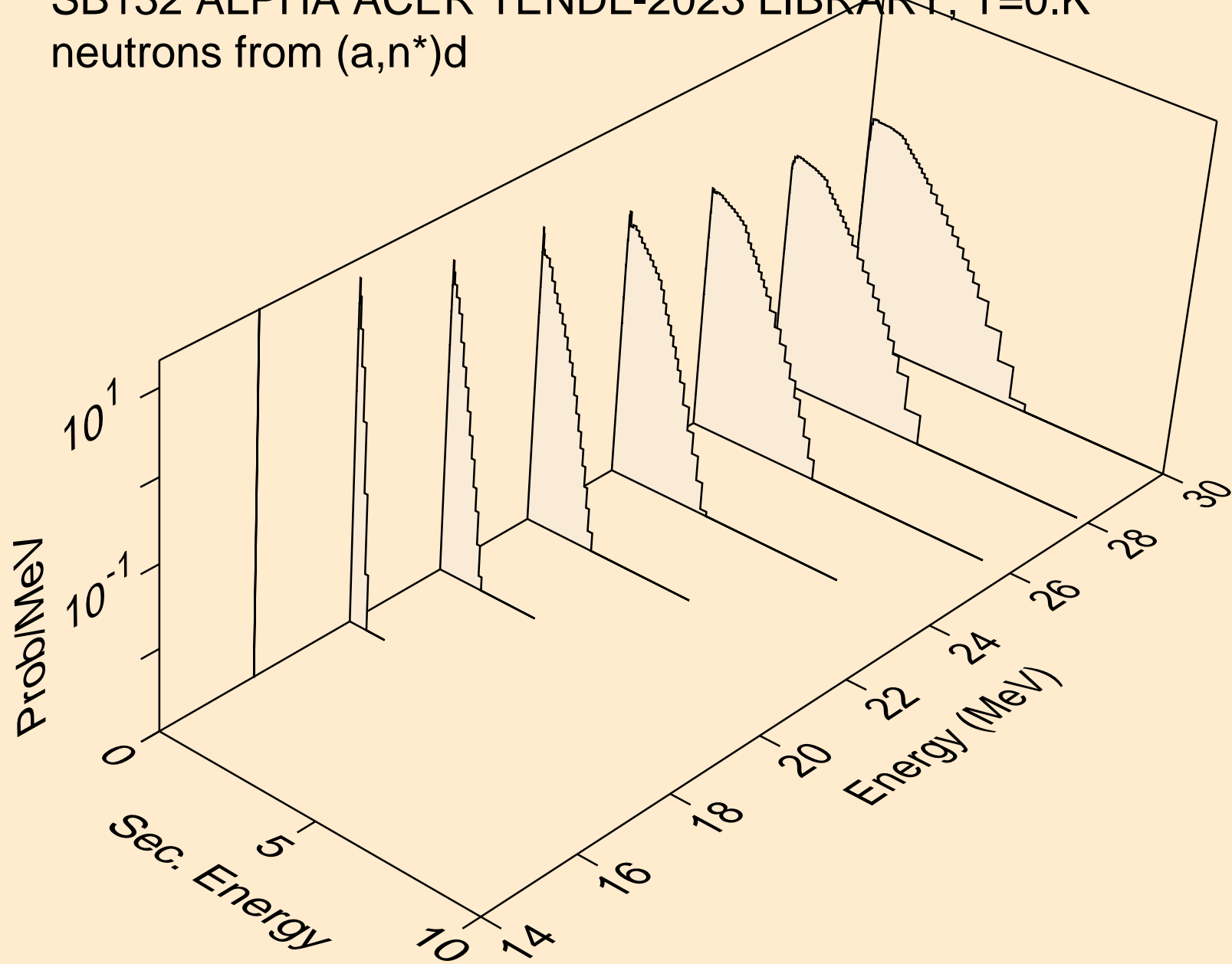


SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)p

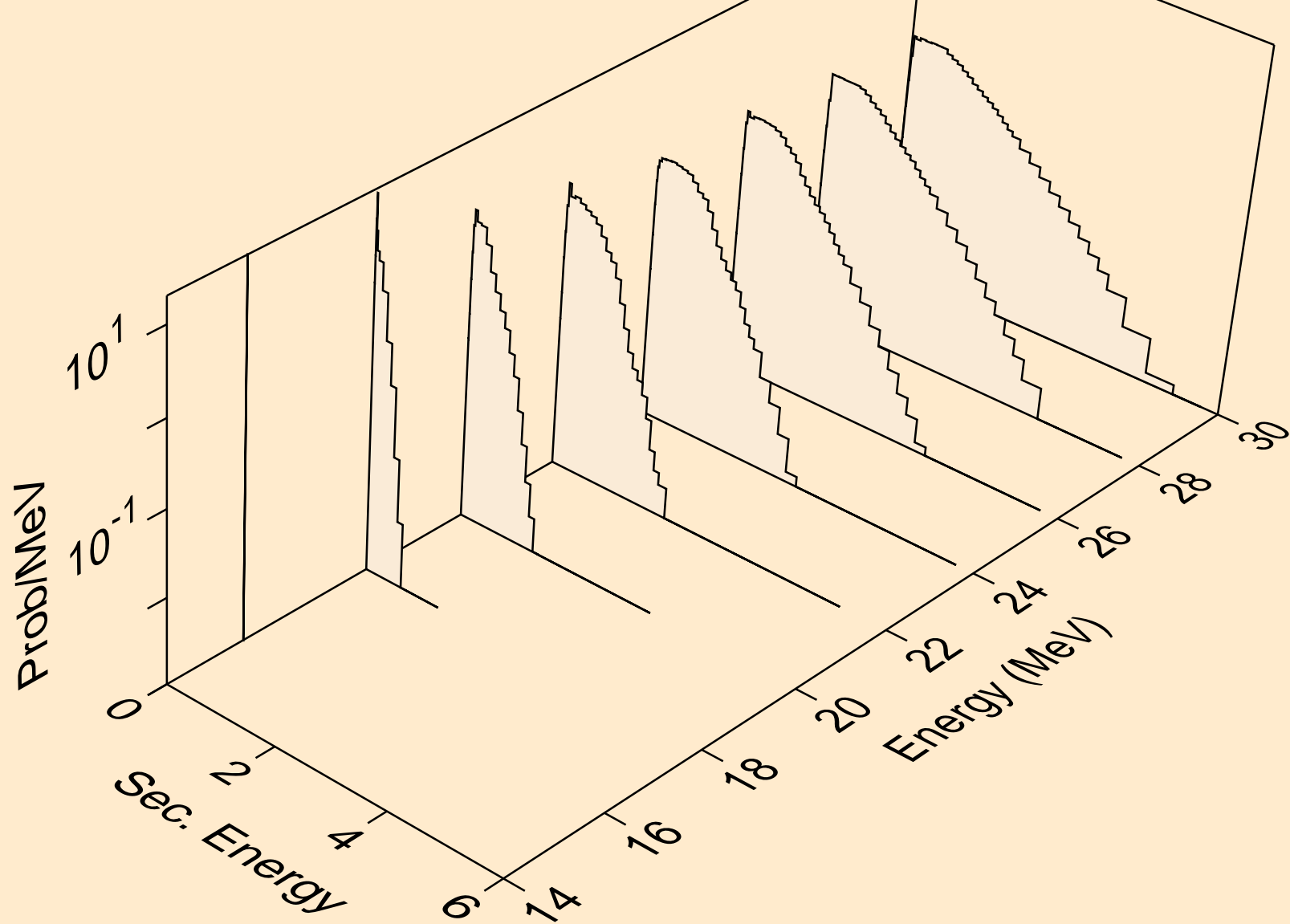




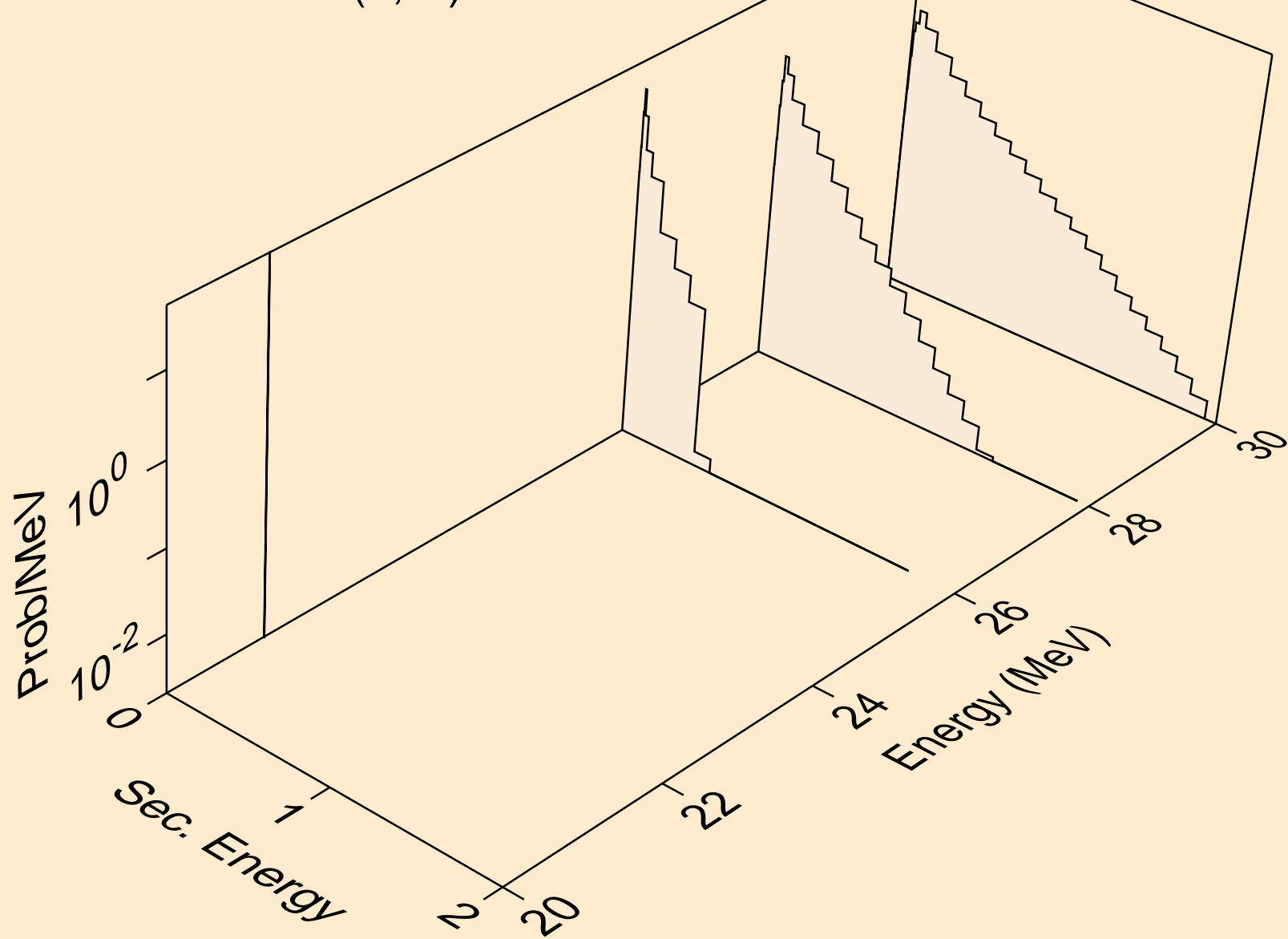
SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)d



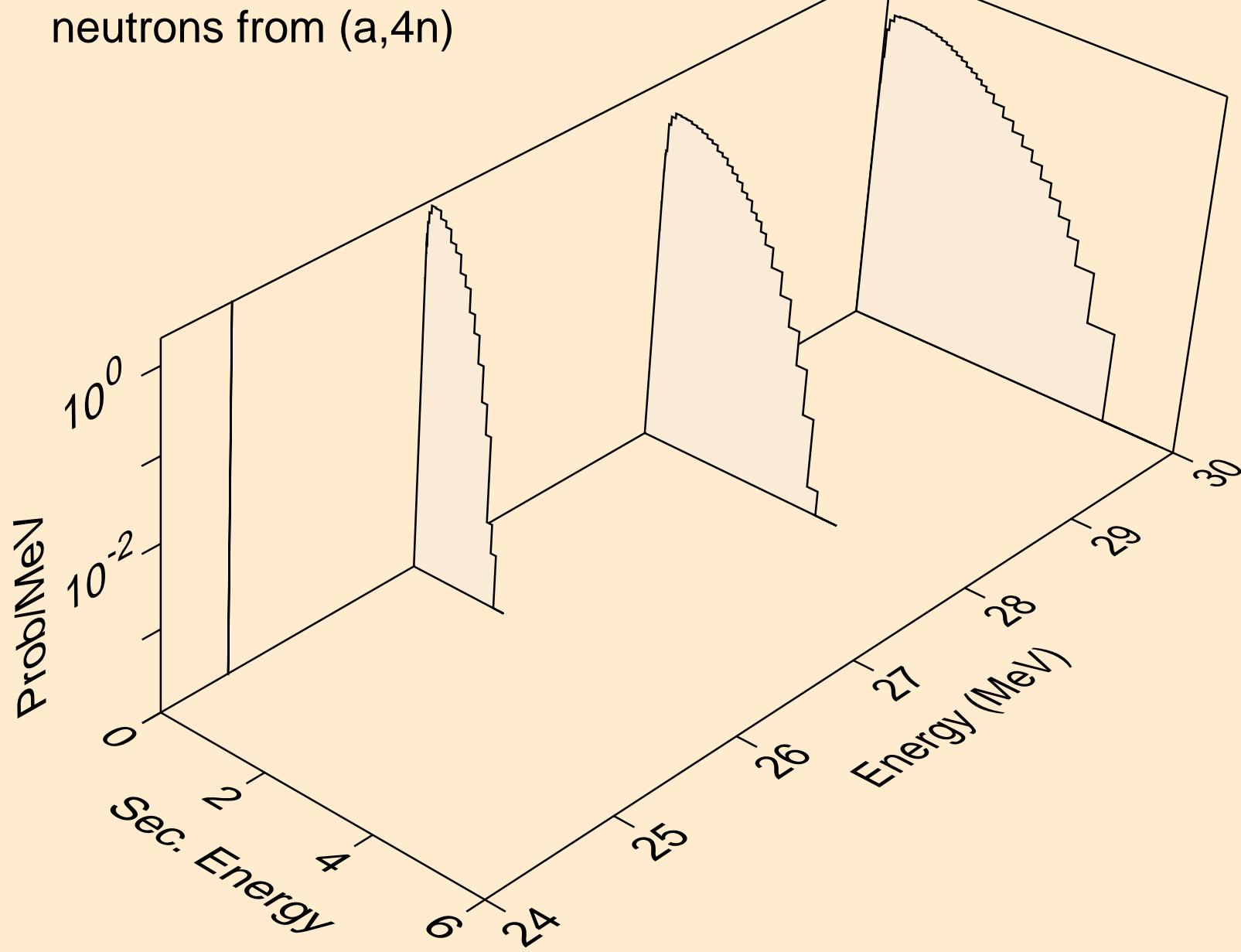
SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)t



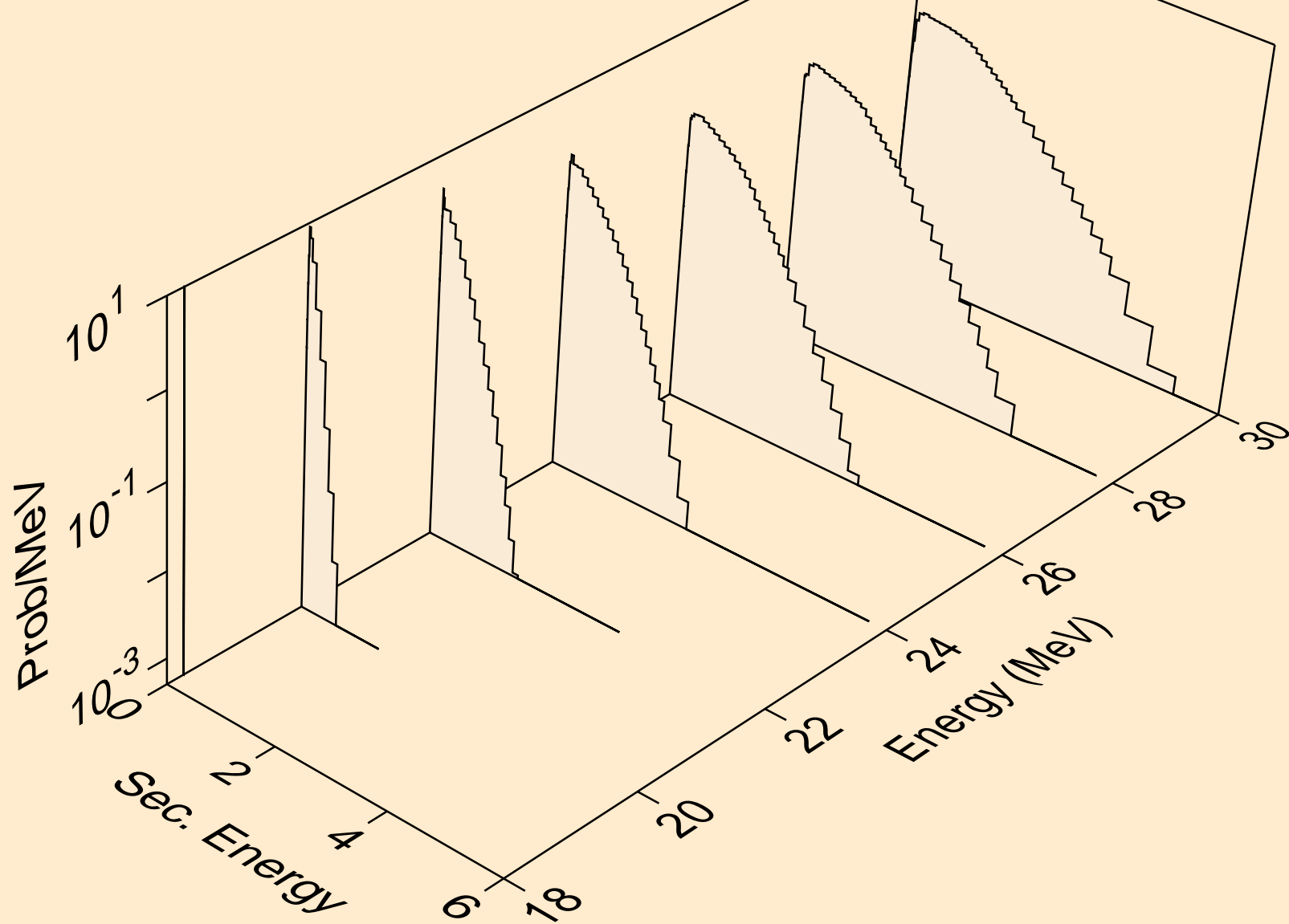
SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)he3



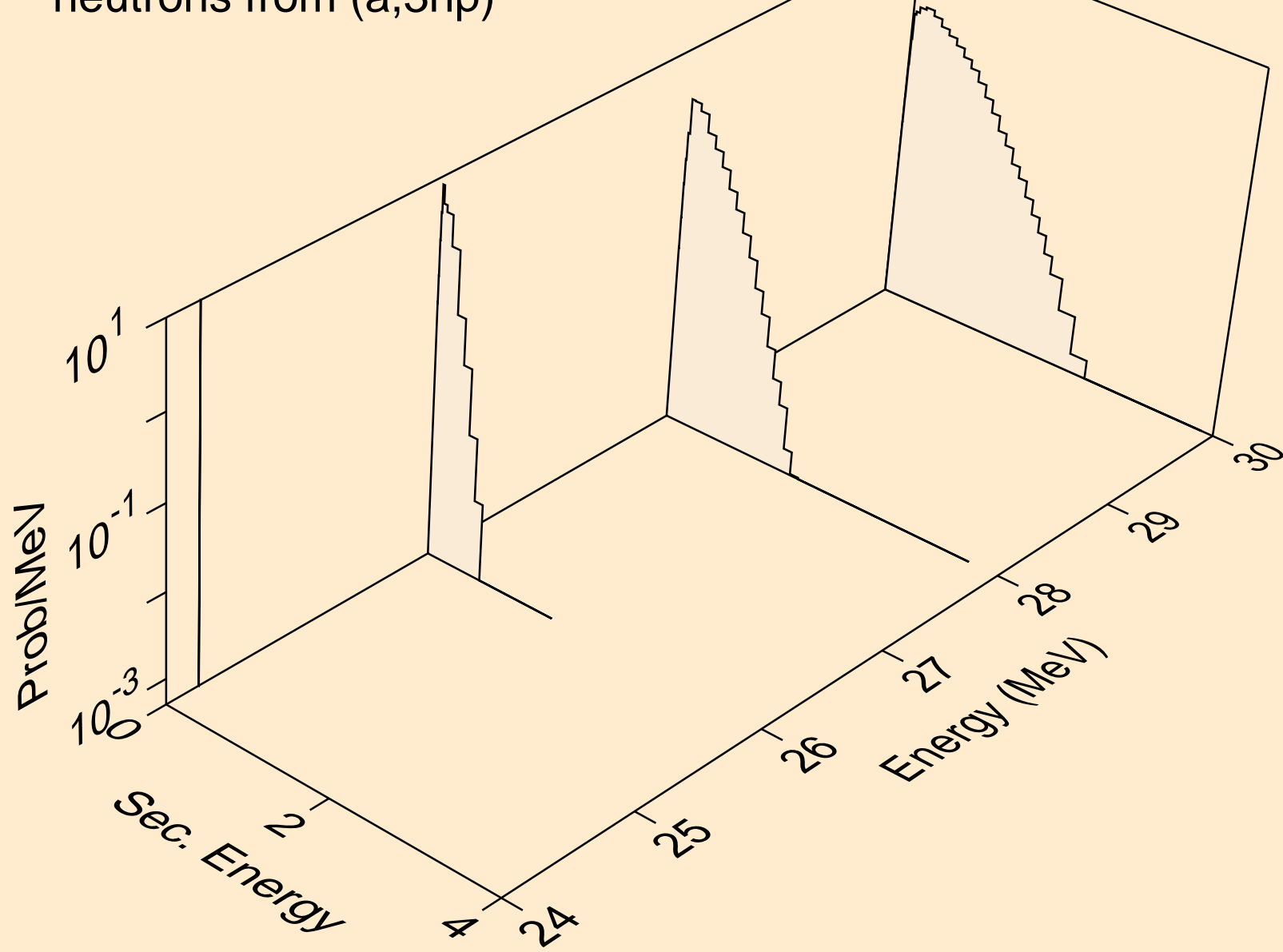
SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,4n)



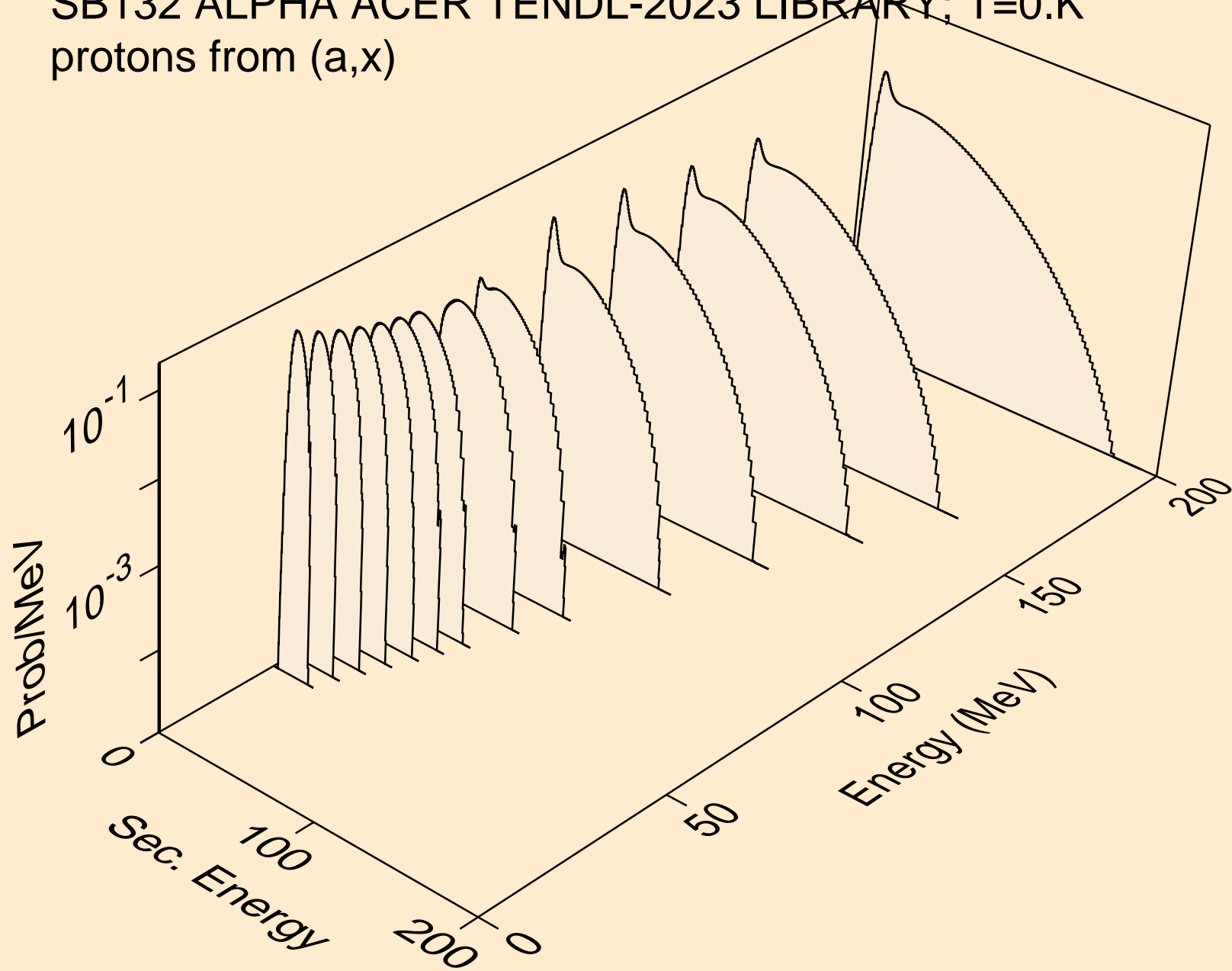
SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2np)



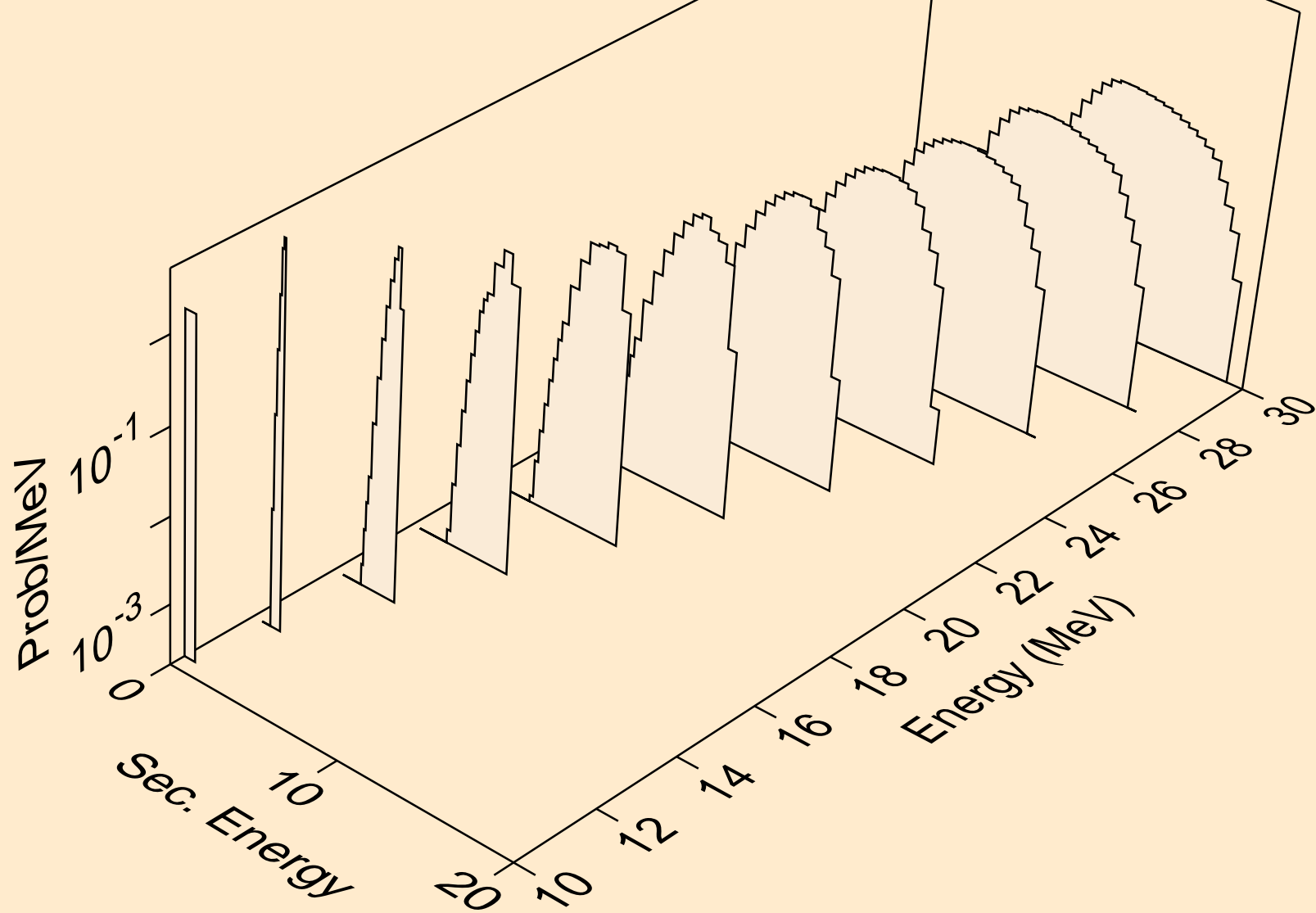
SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3np)



SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,x)

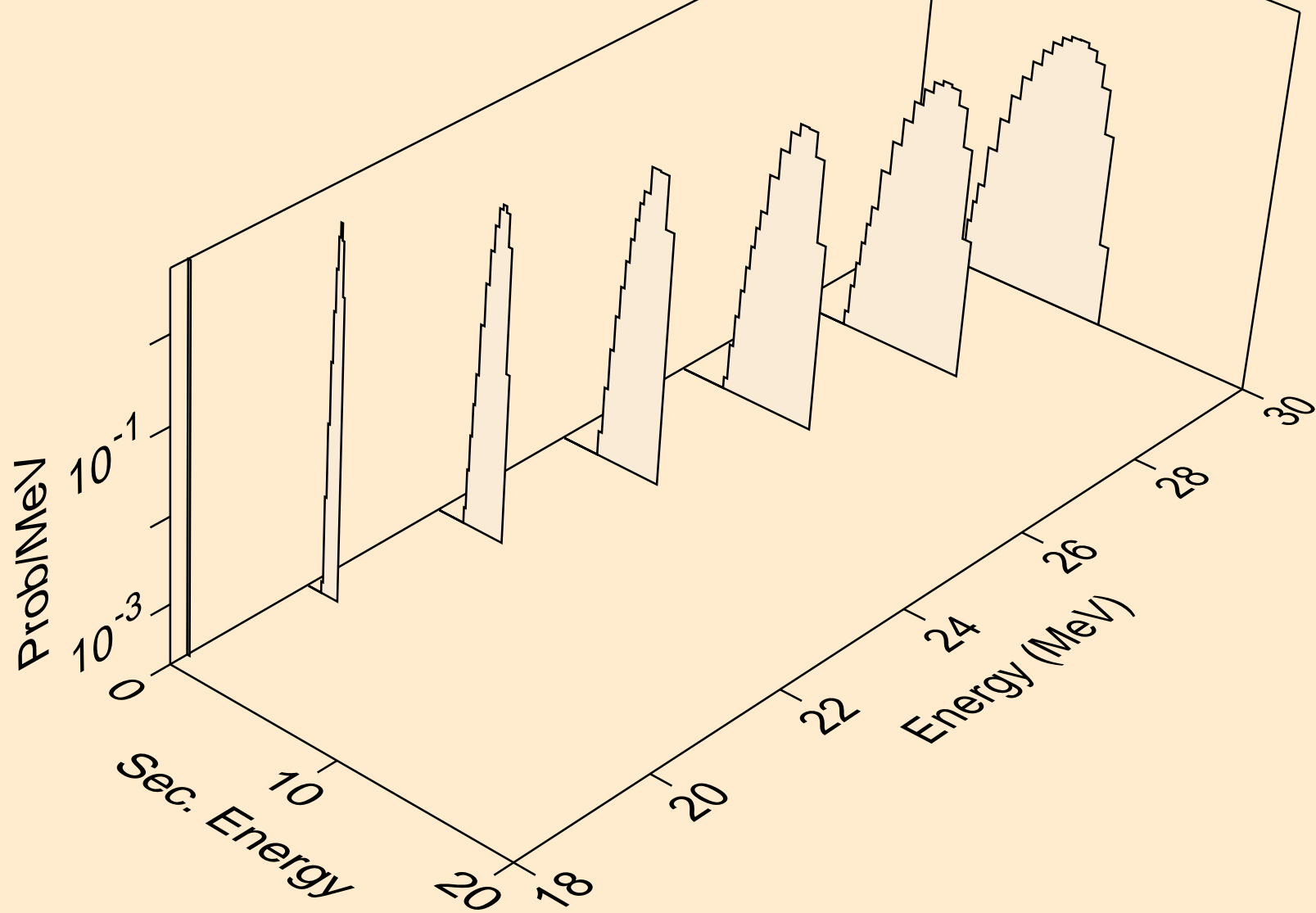


SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n\*)p

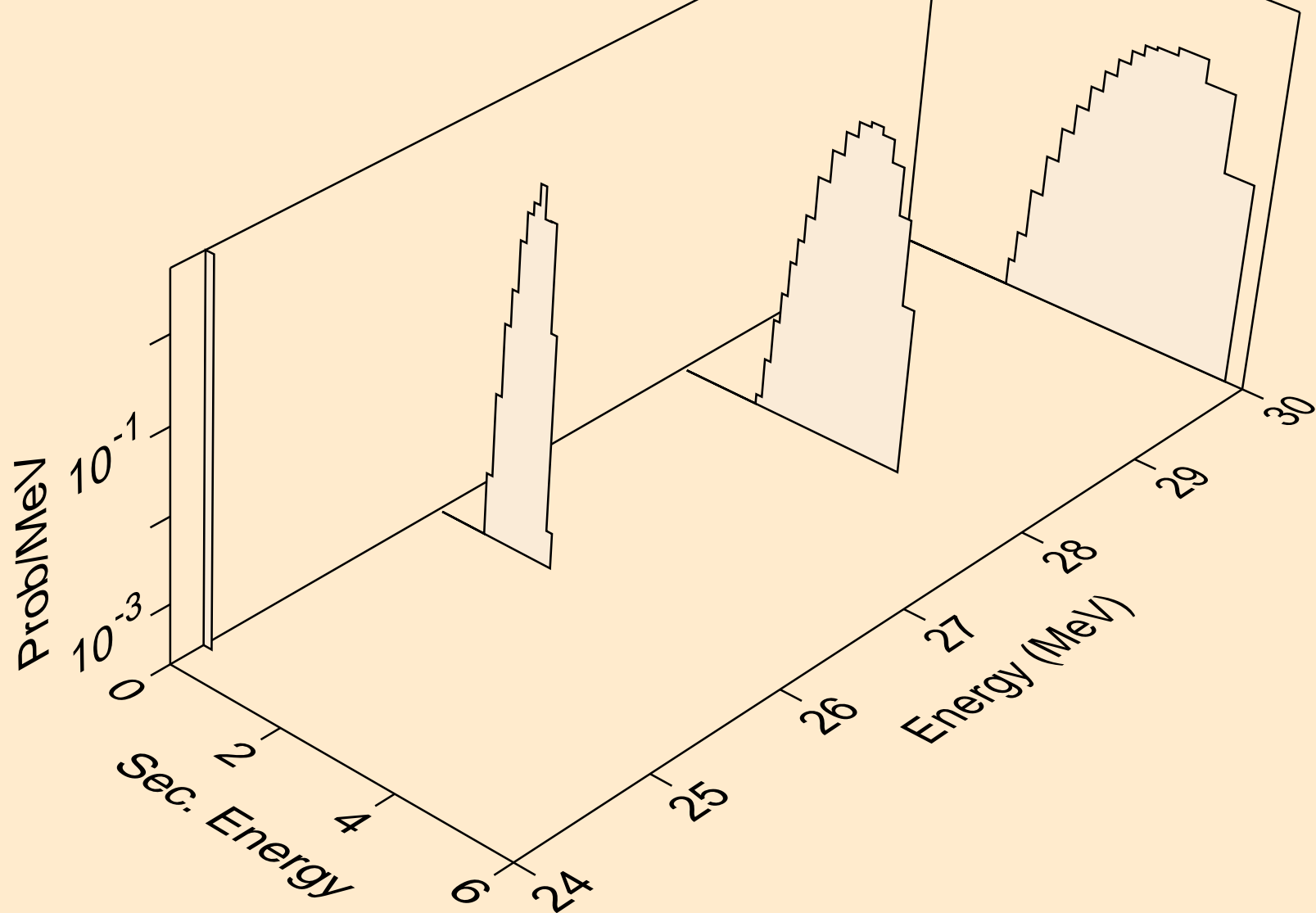




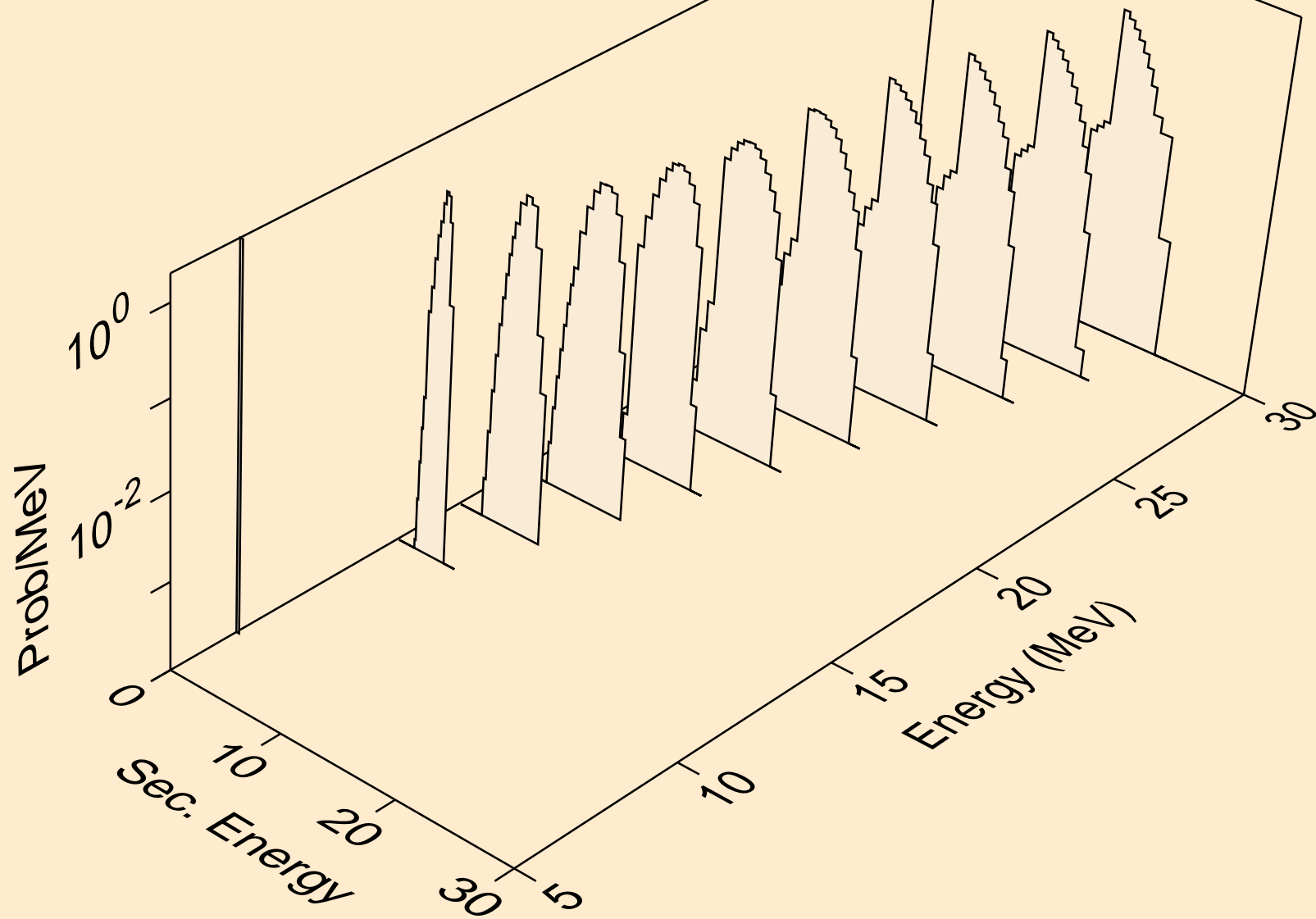
SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2np)



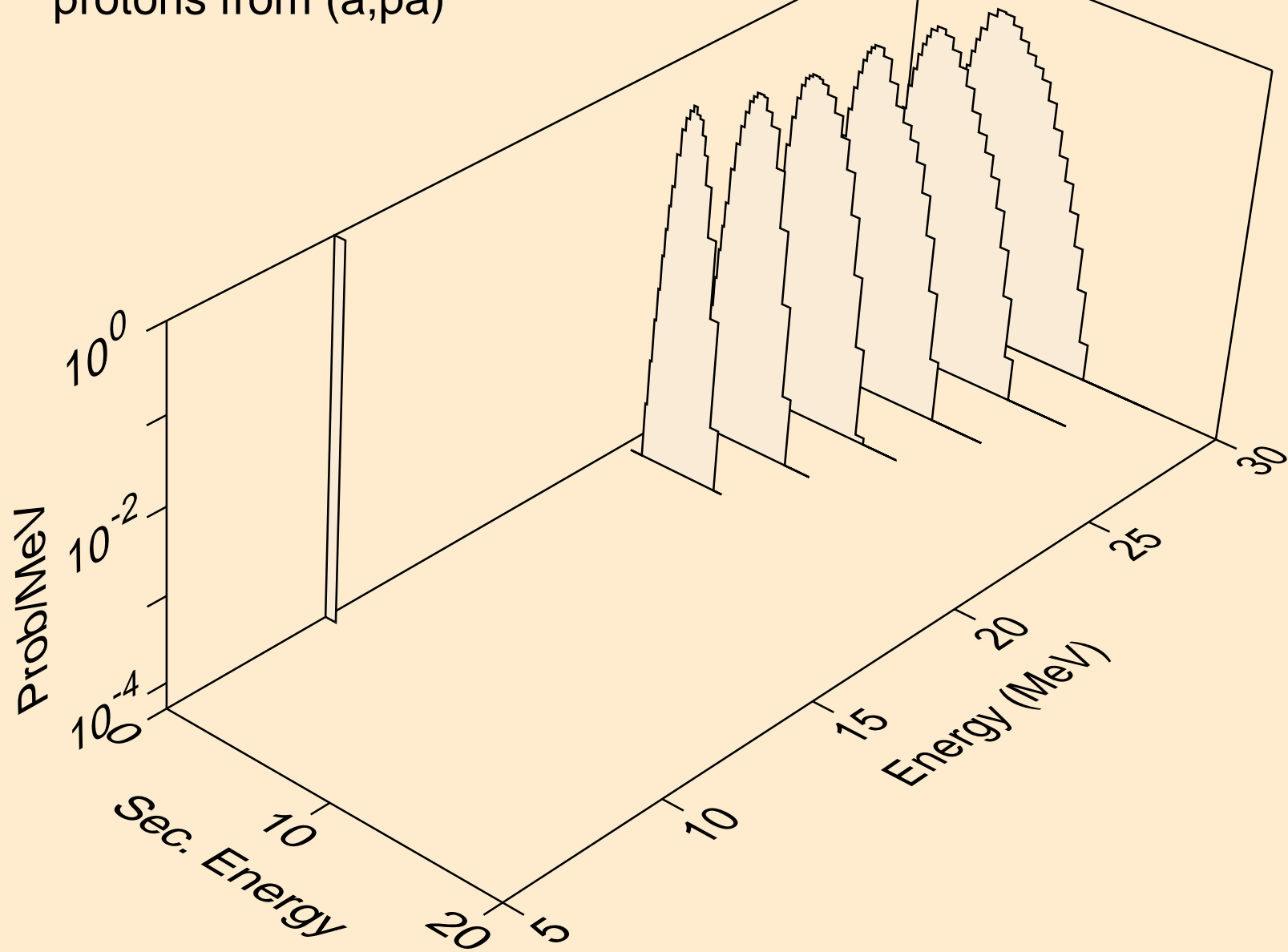
SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,3np)



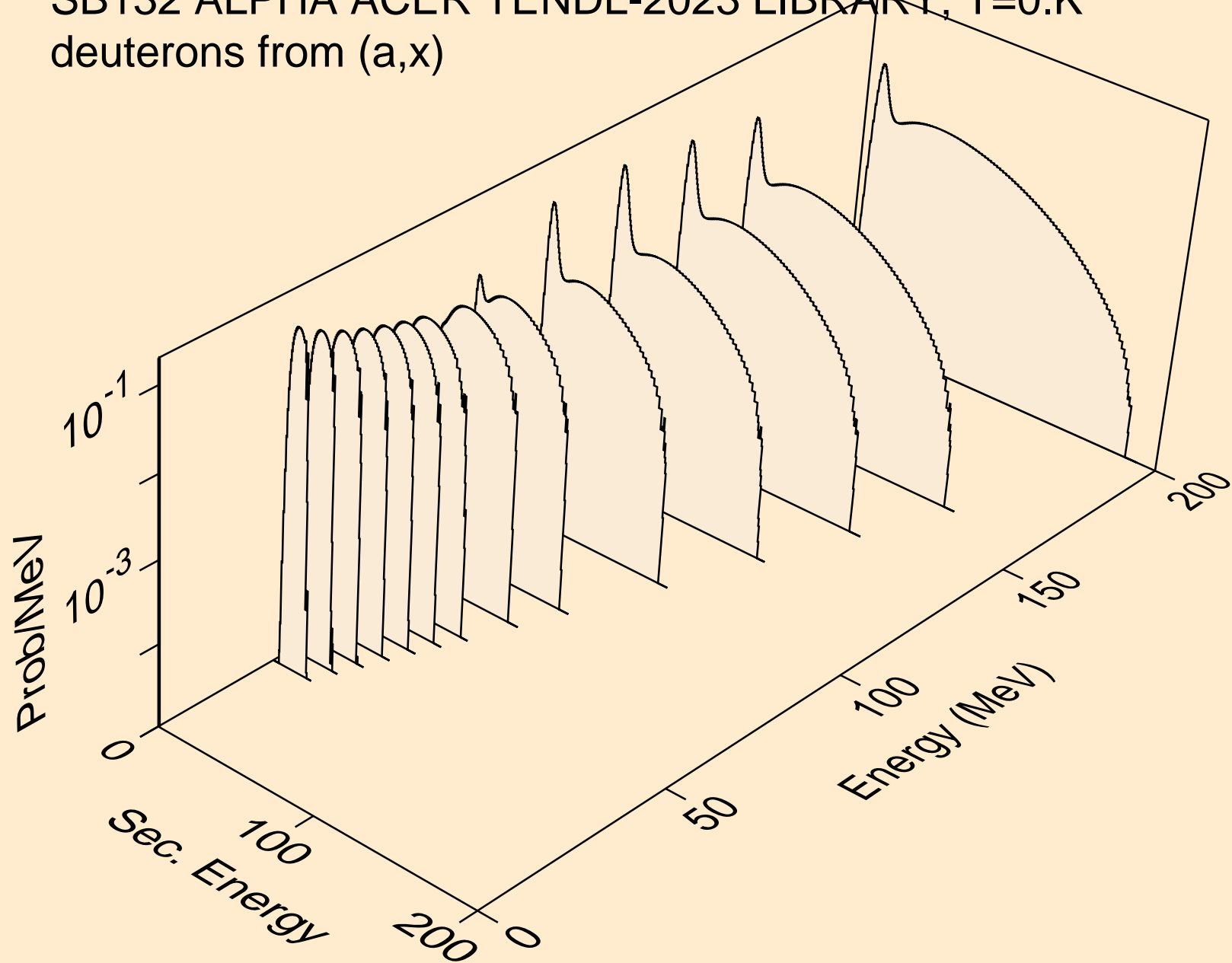
SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,p)



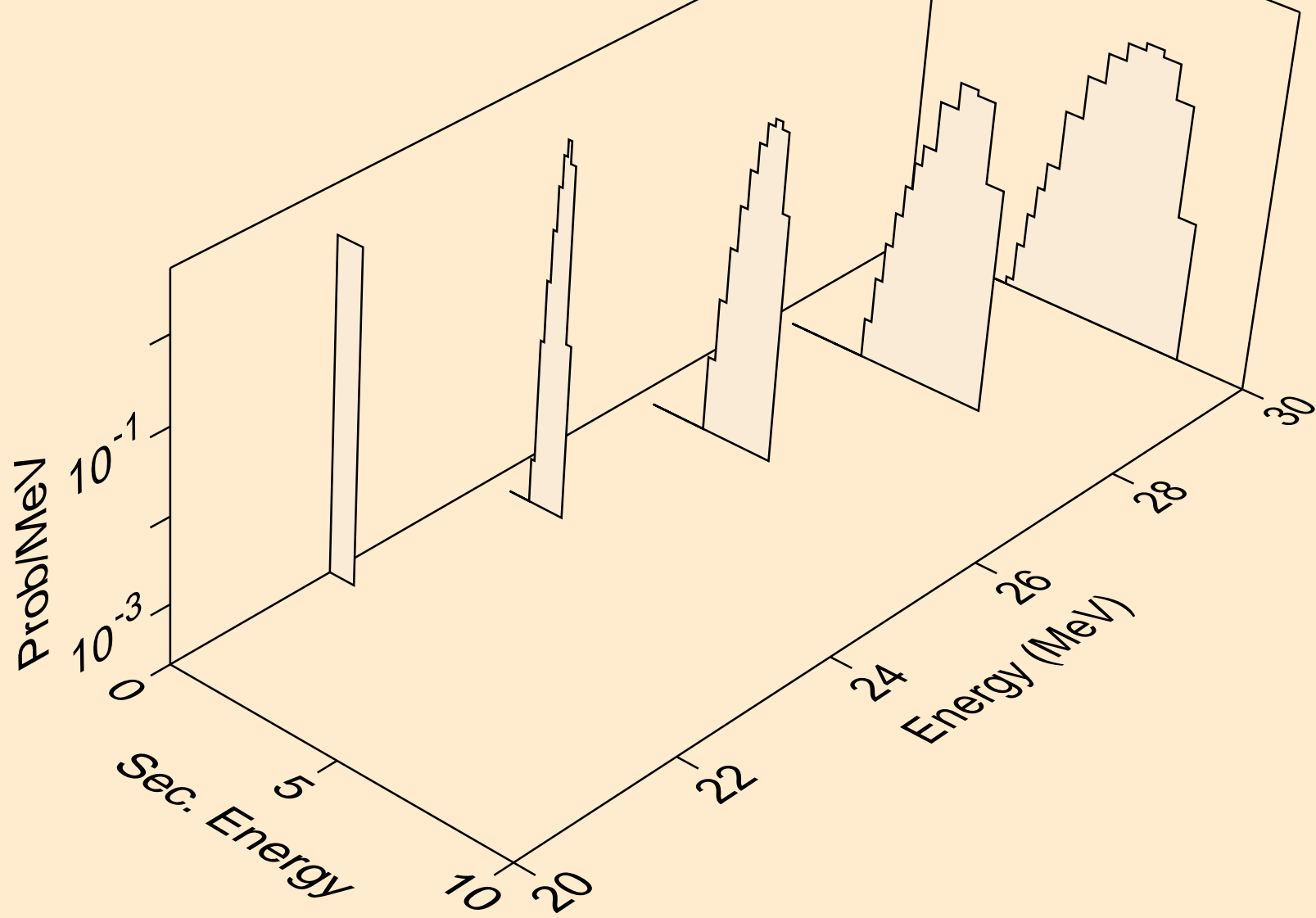
SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pa)



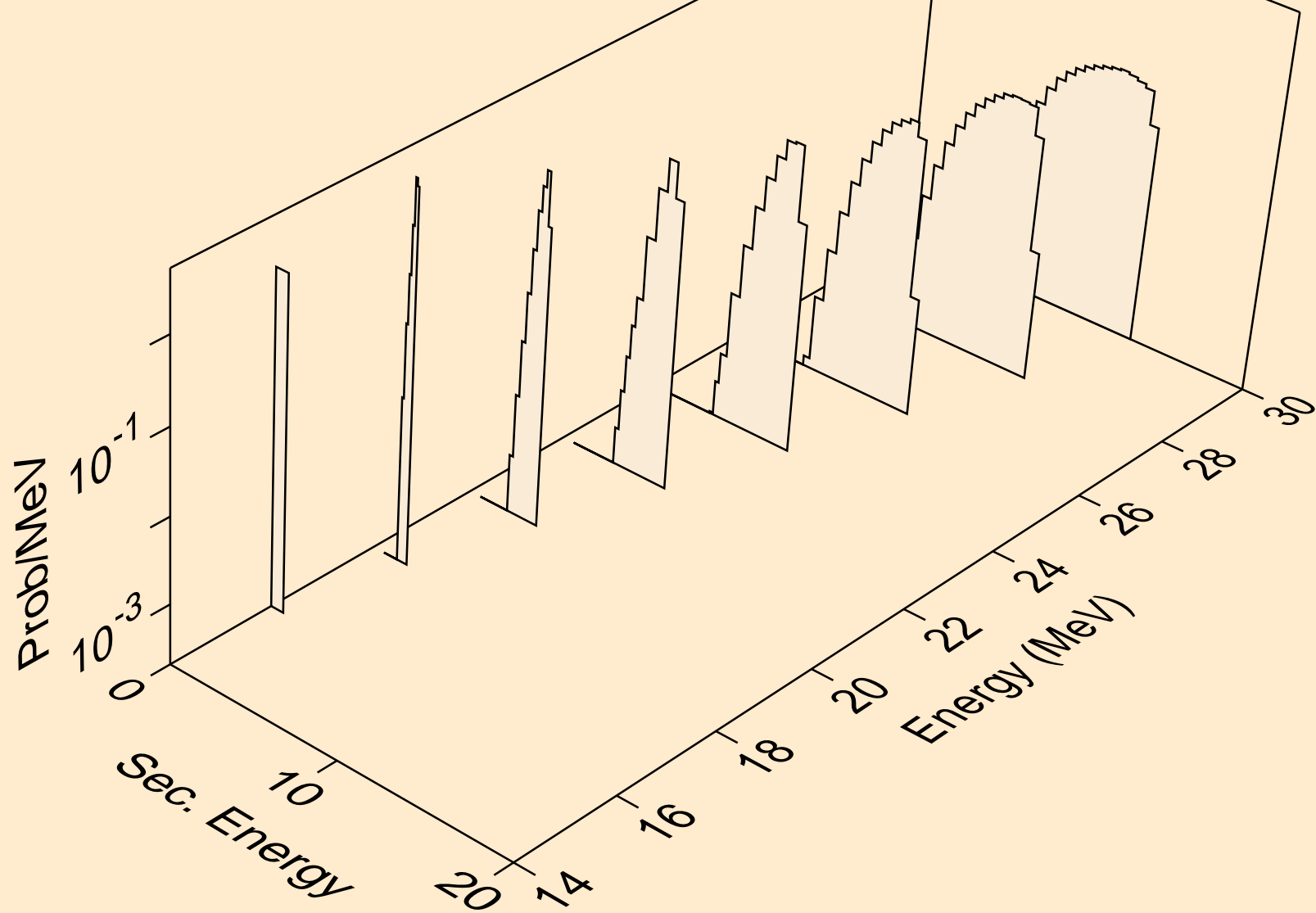
SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)



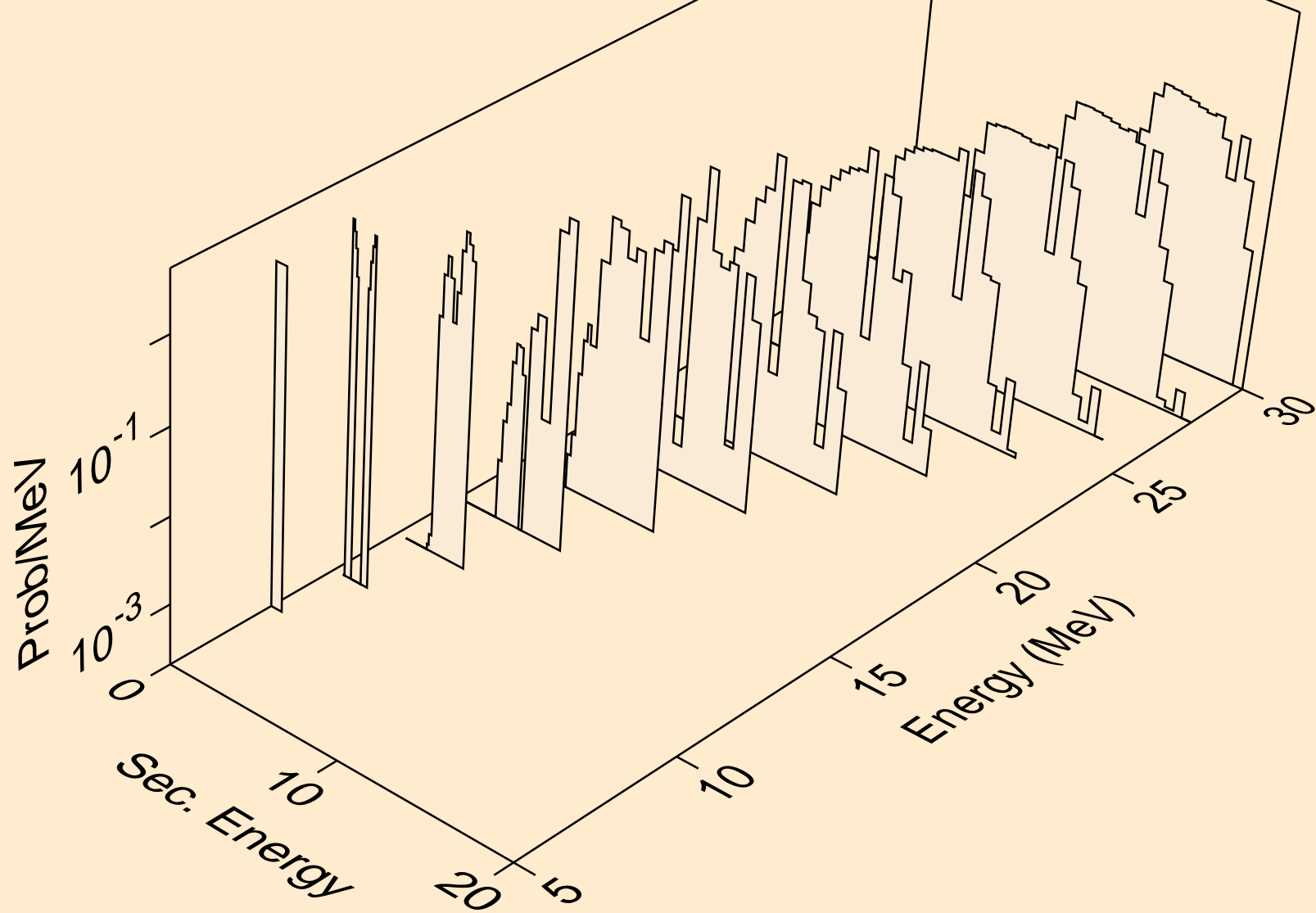
SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,2nd)



SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,n\*)d

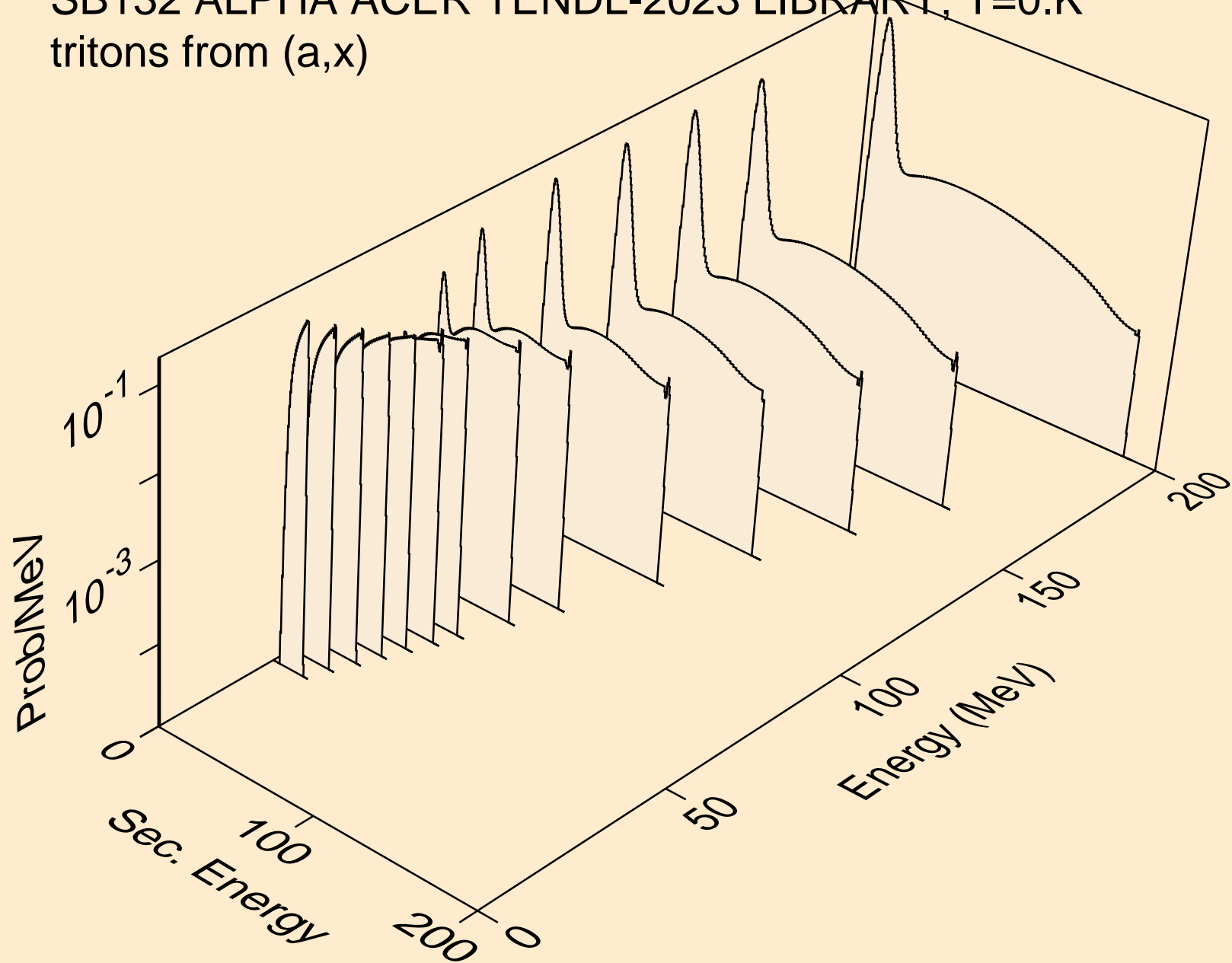


SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
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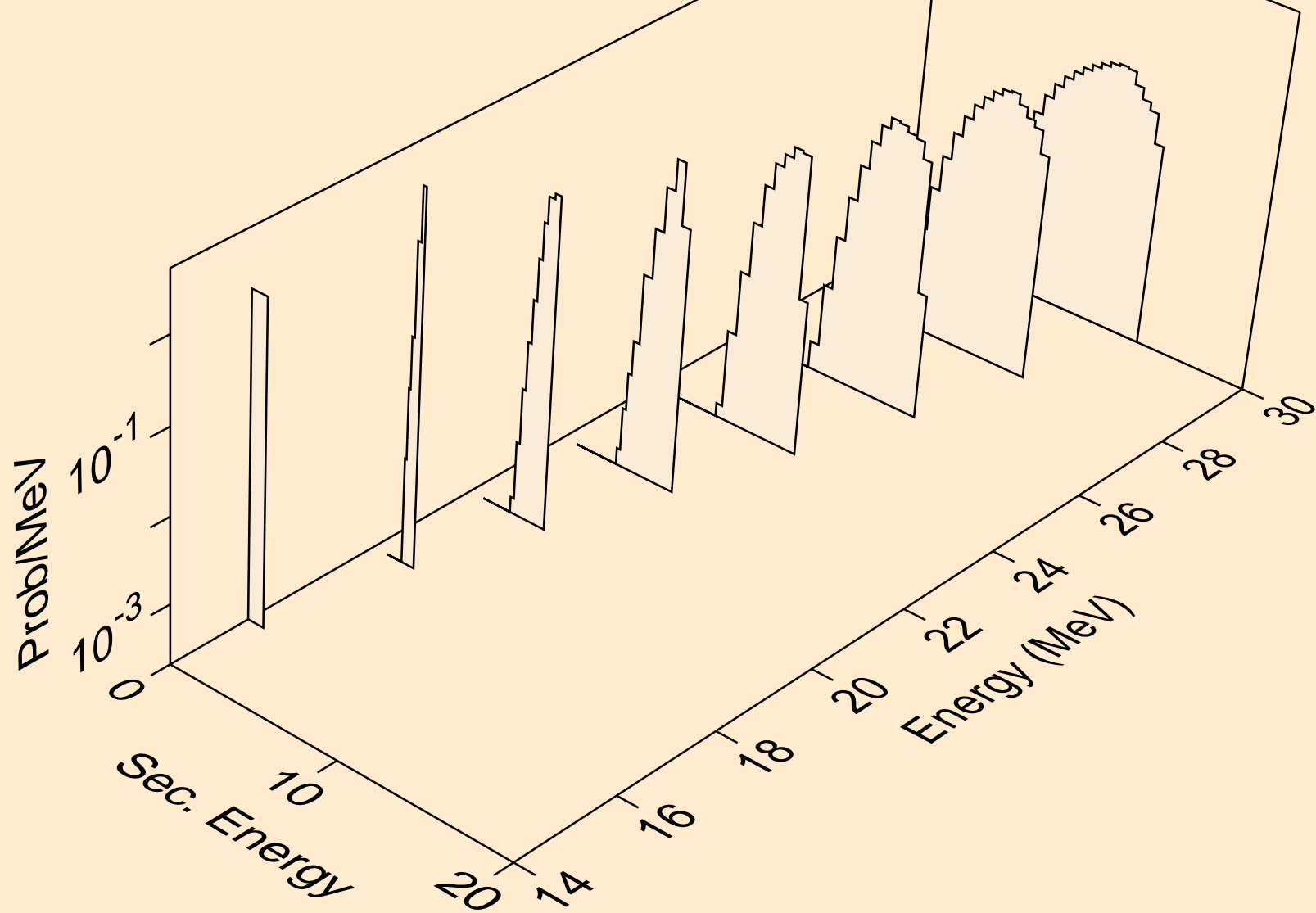




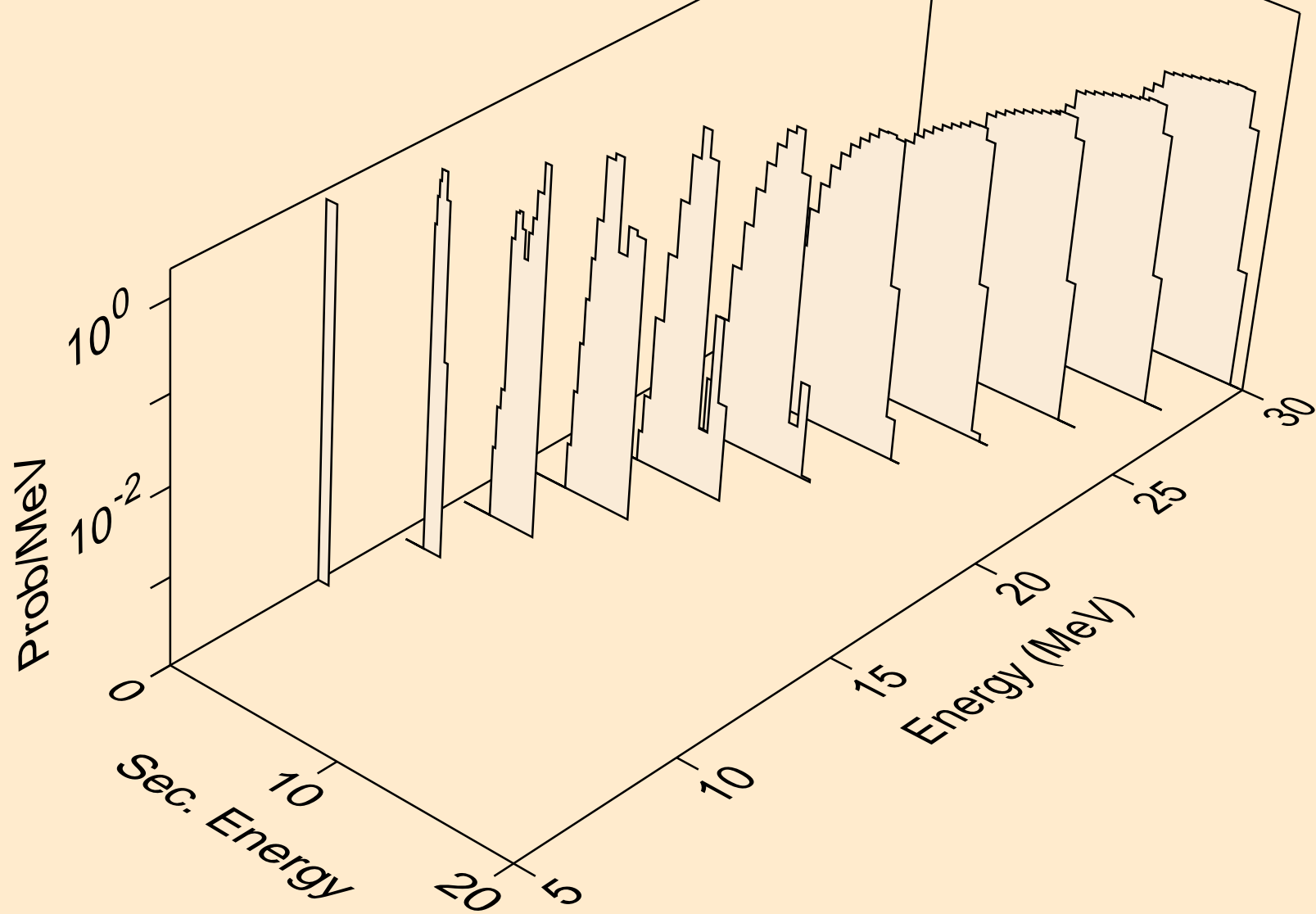
SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)



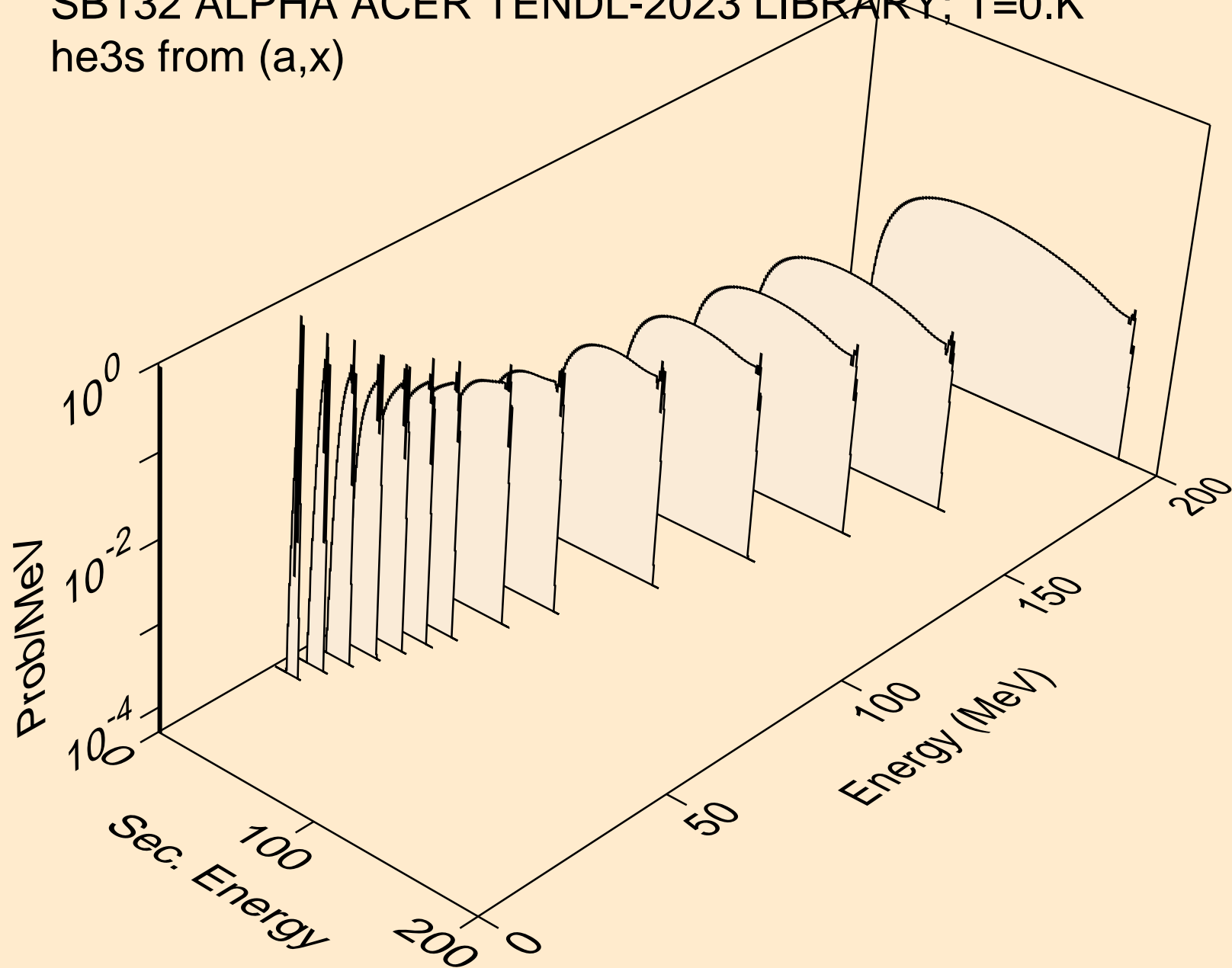
SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,n\*)t



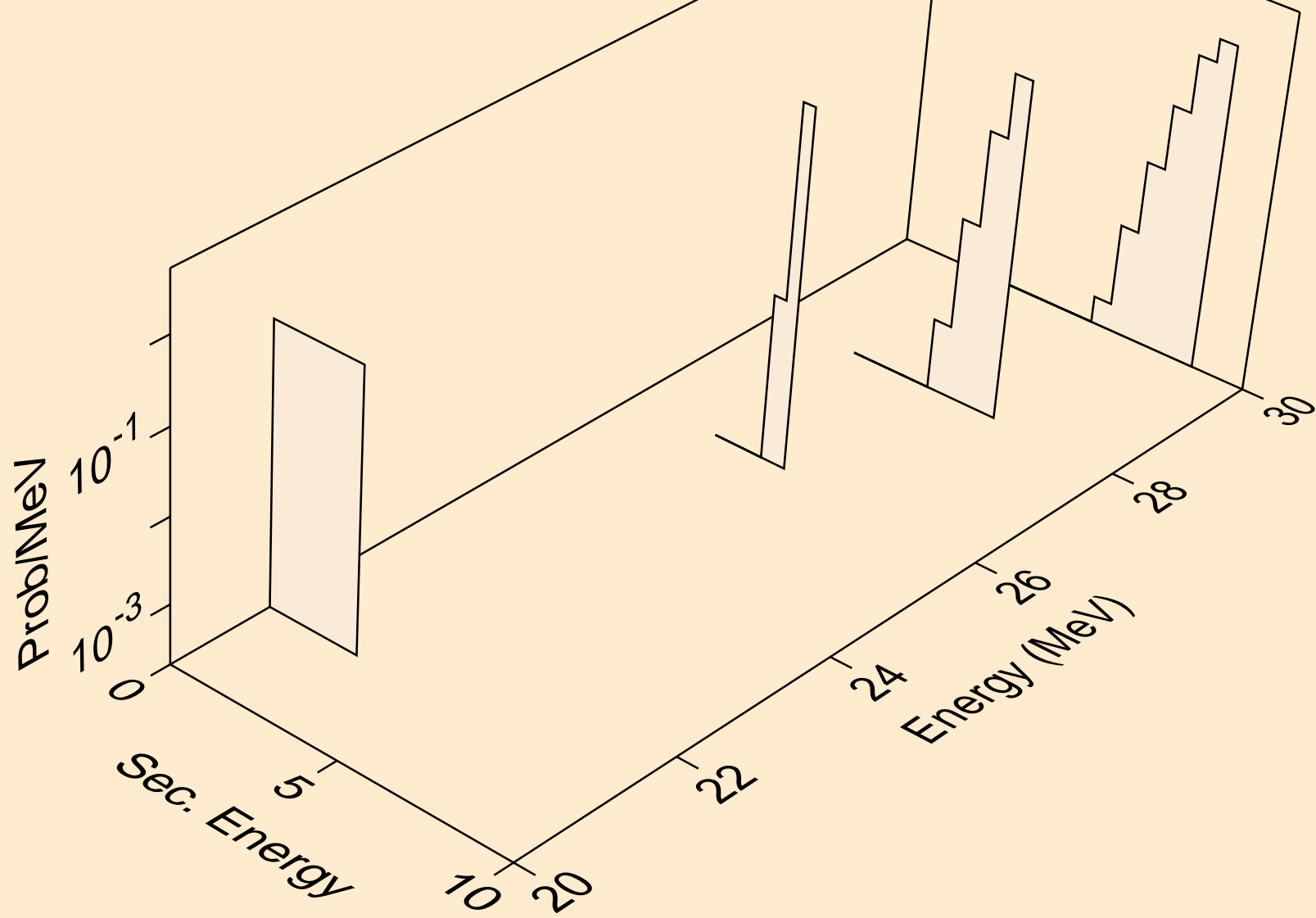
SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)



SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,n\*)he3



SB132 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

