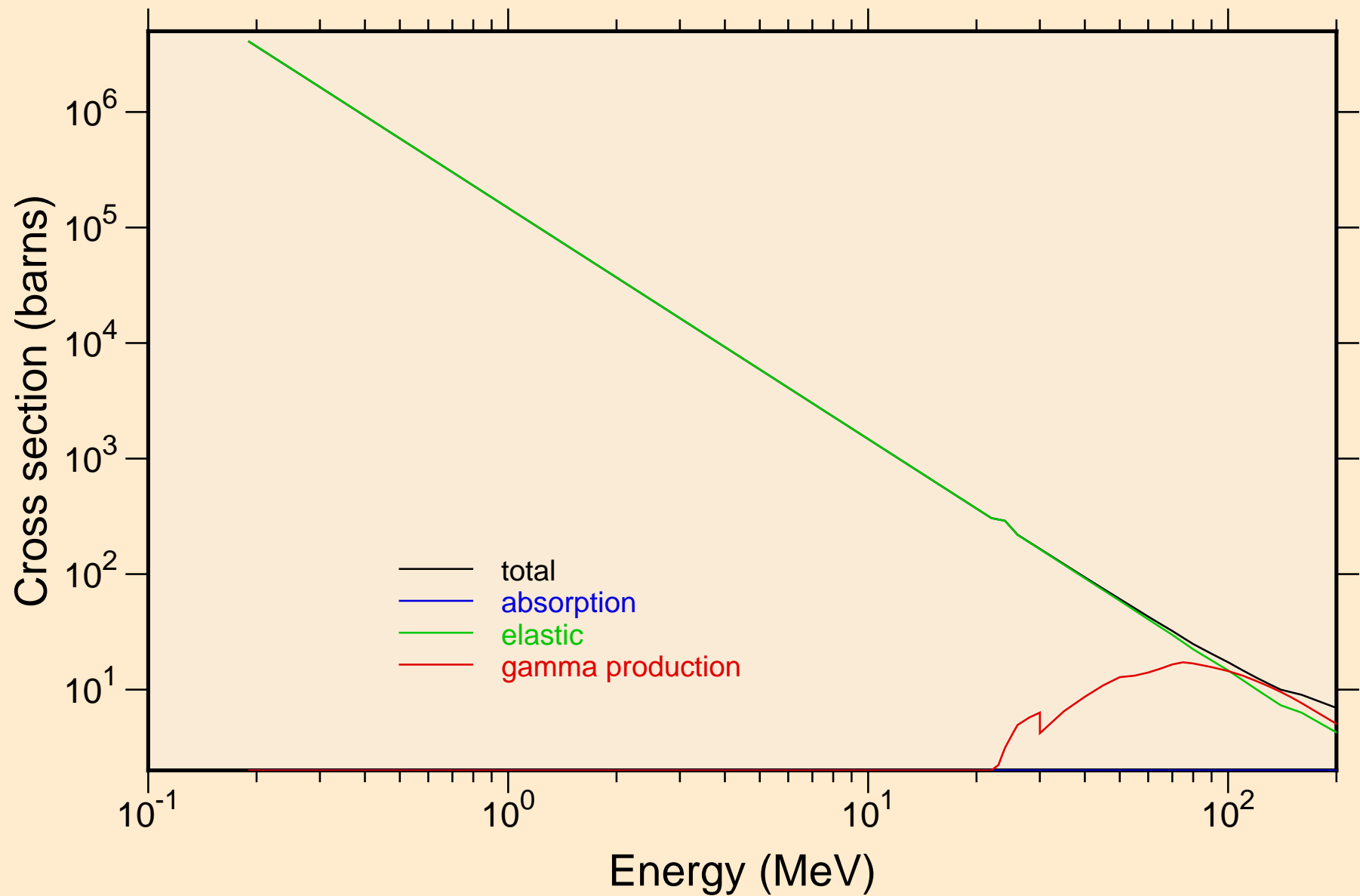


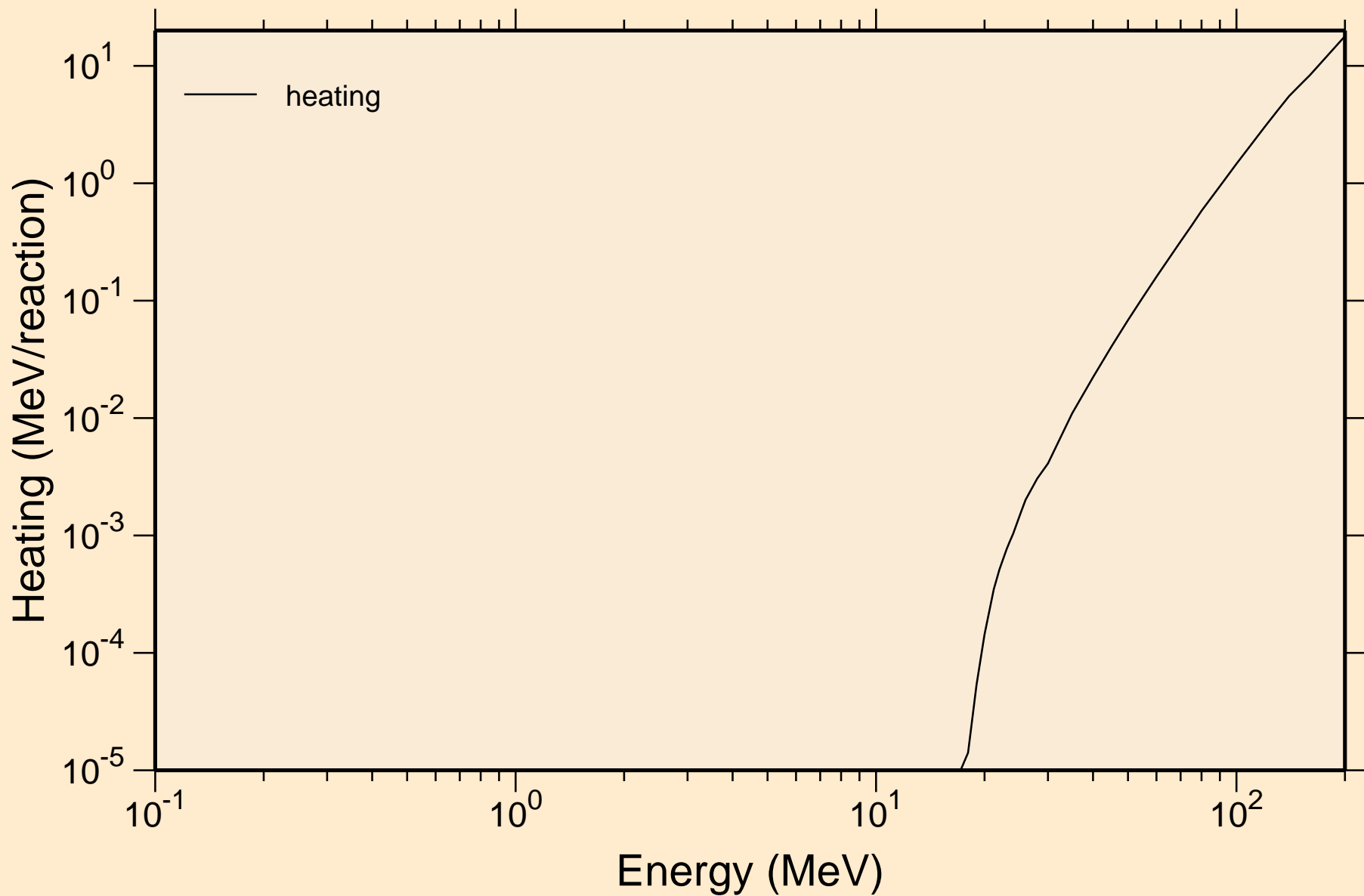
# OS190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



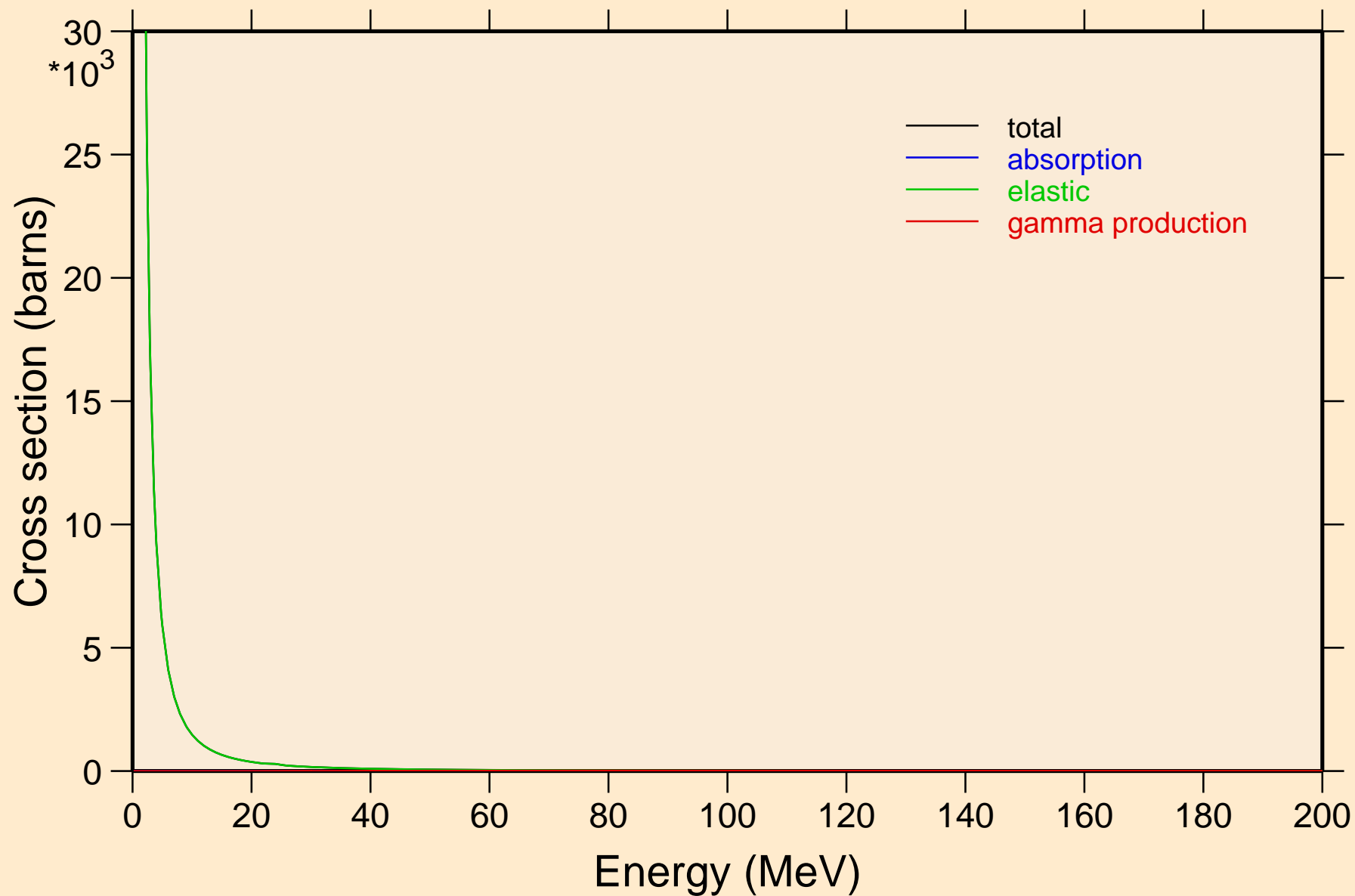
# OS190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Heating



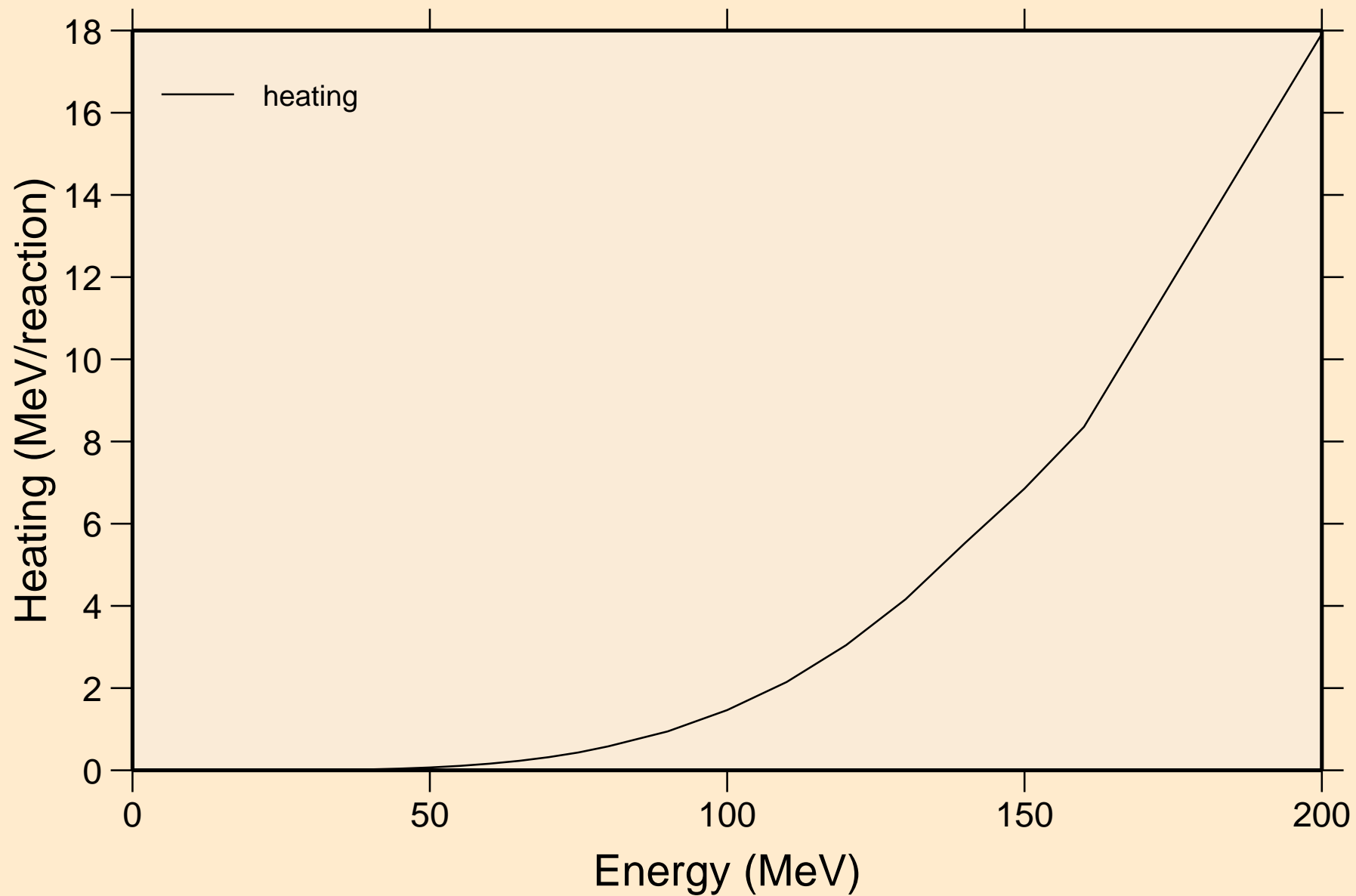
# OS190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



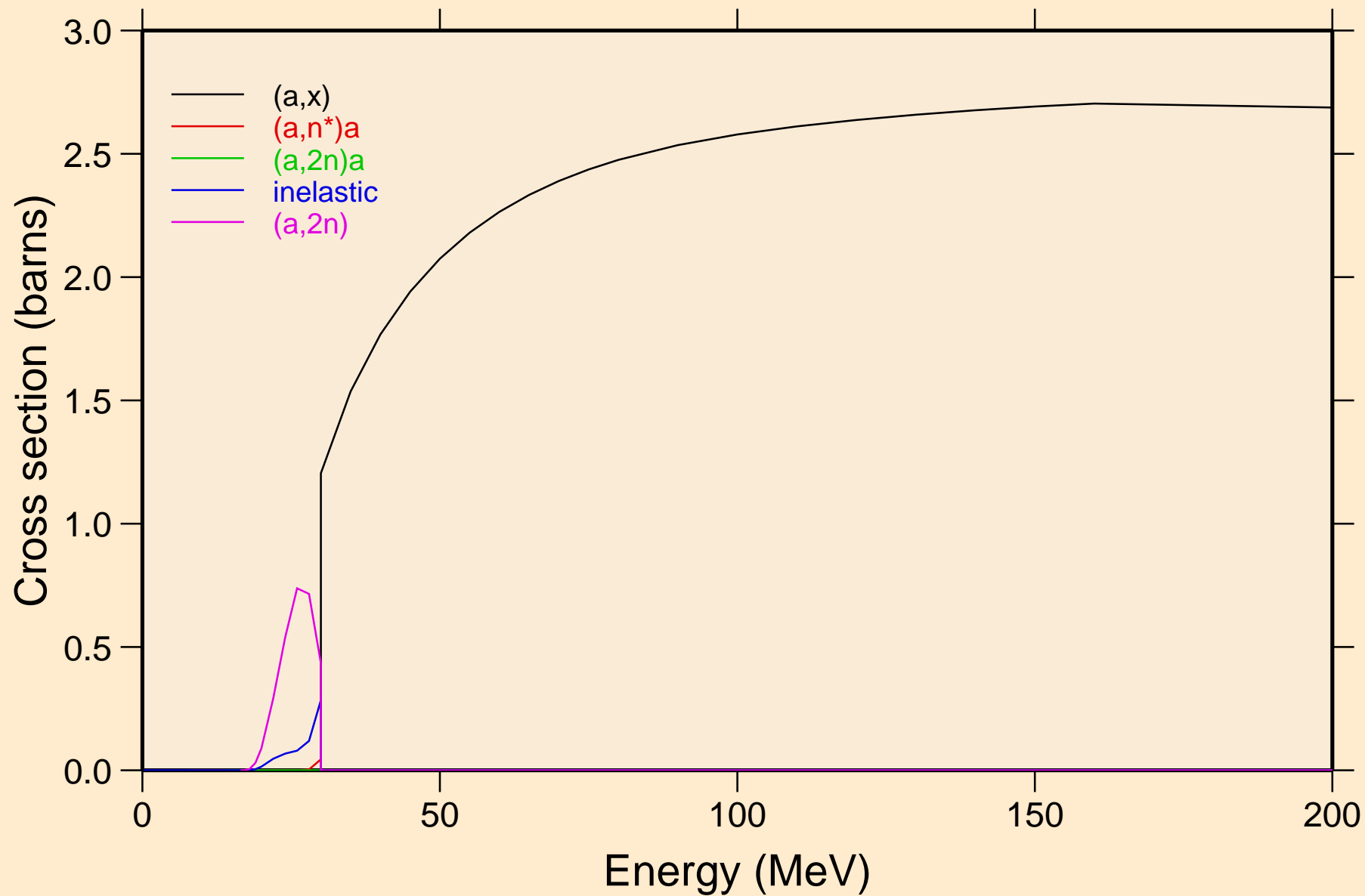
OS190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating

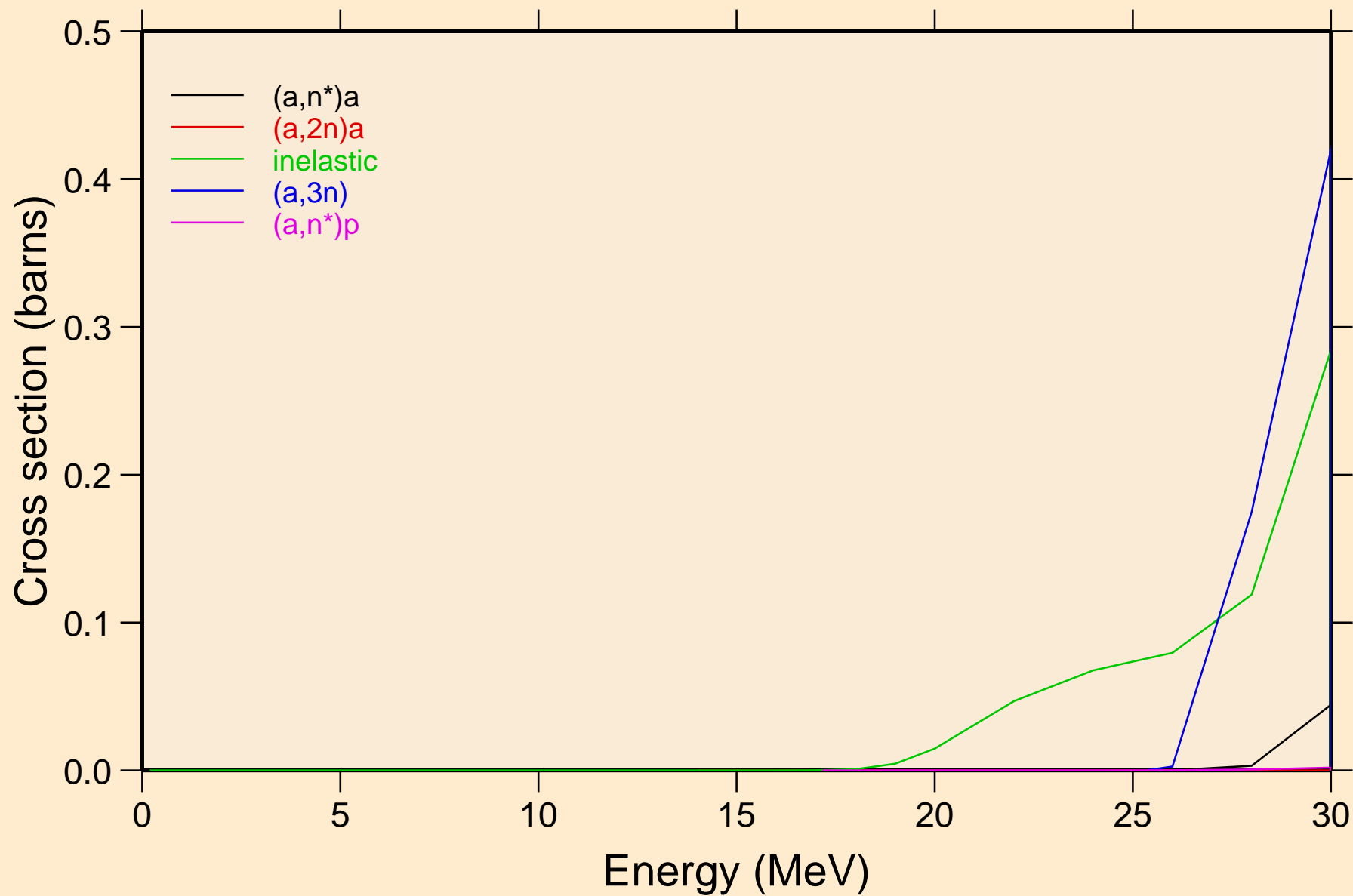


# OS190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

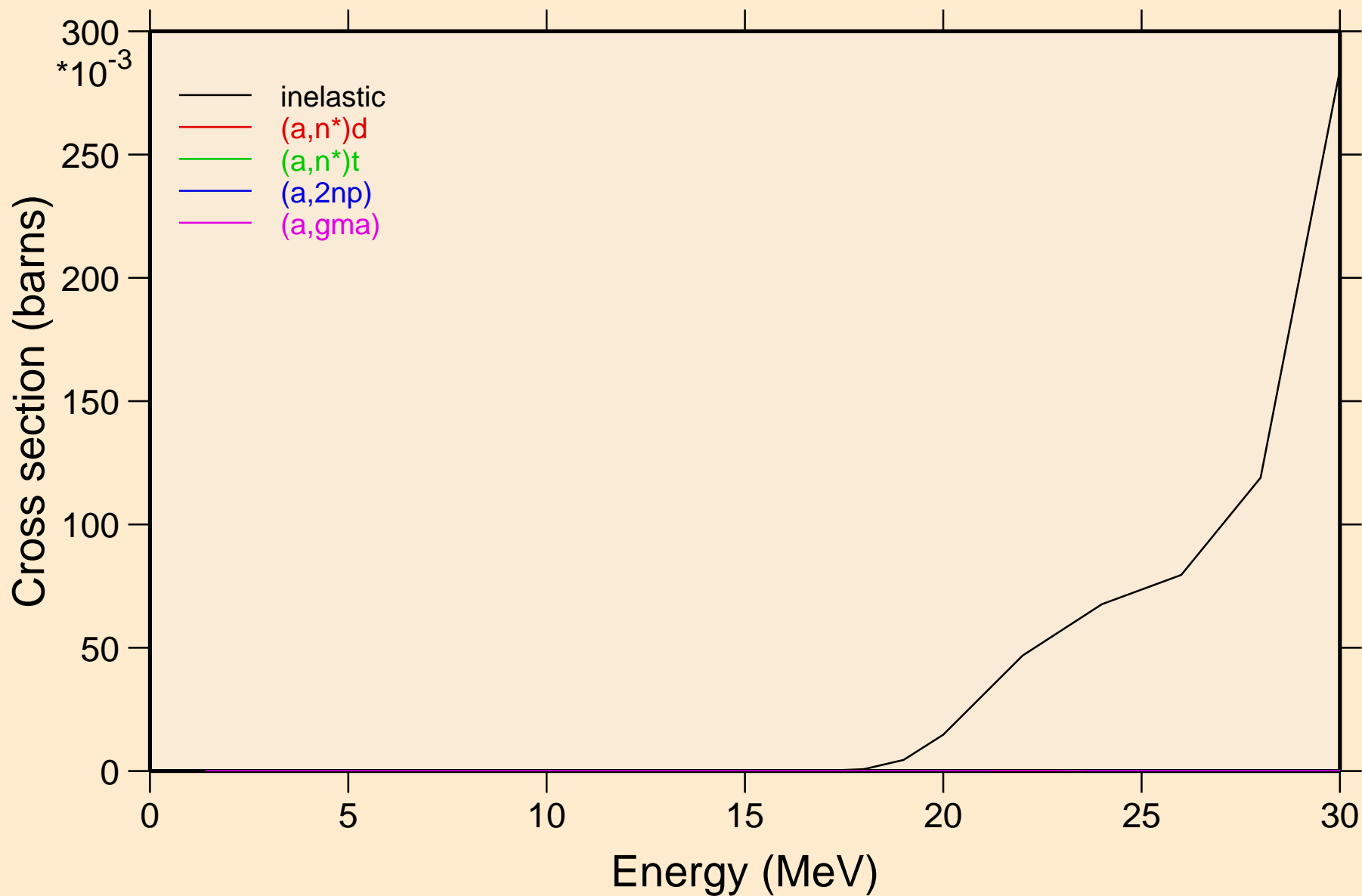
## Threshold reactions



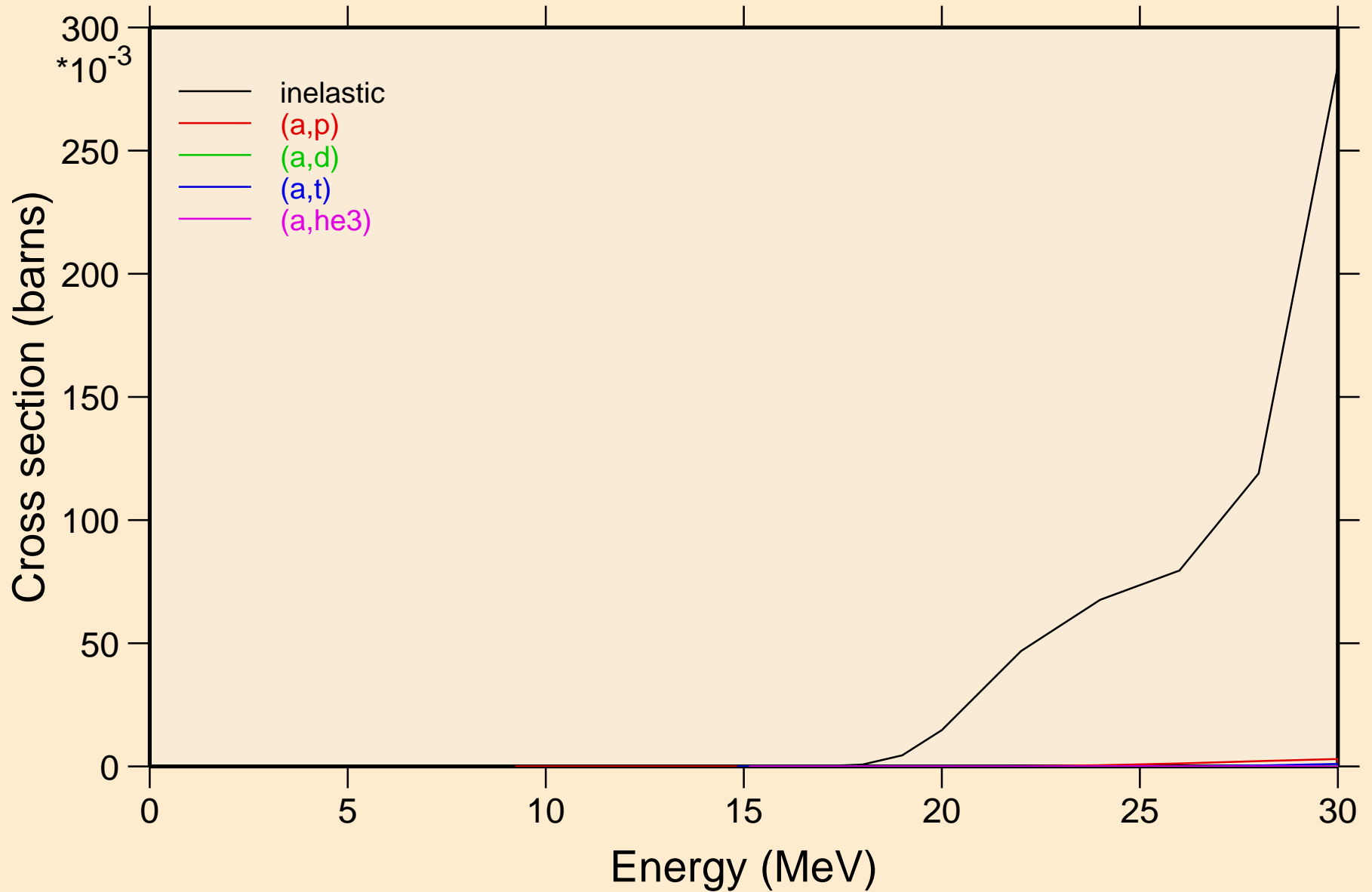
OS190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



OS190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

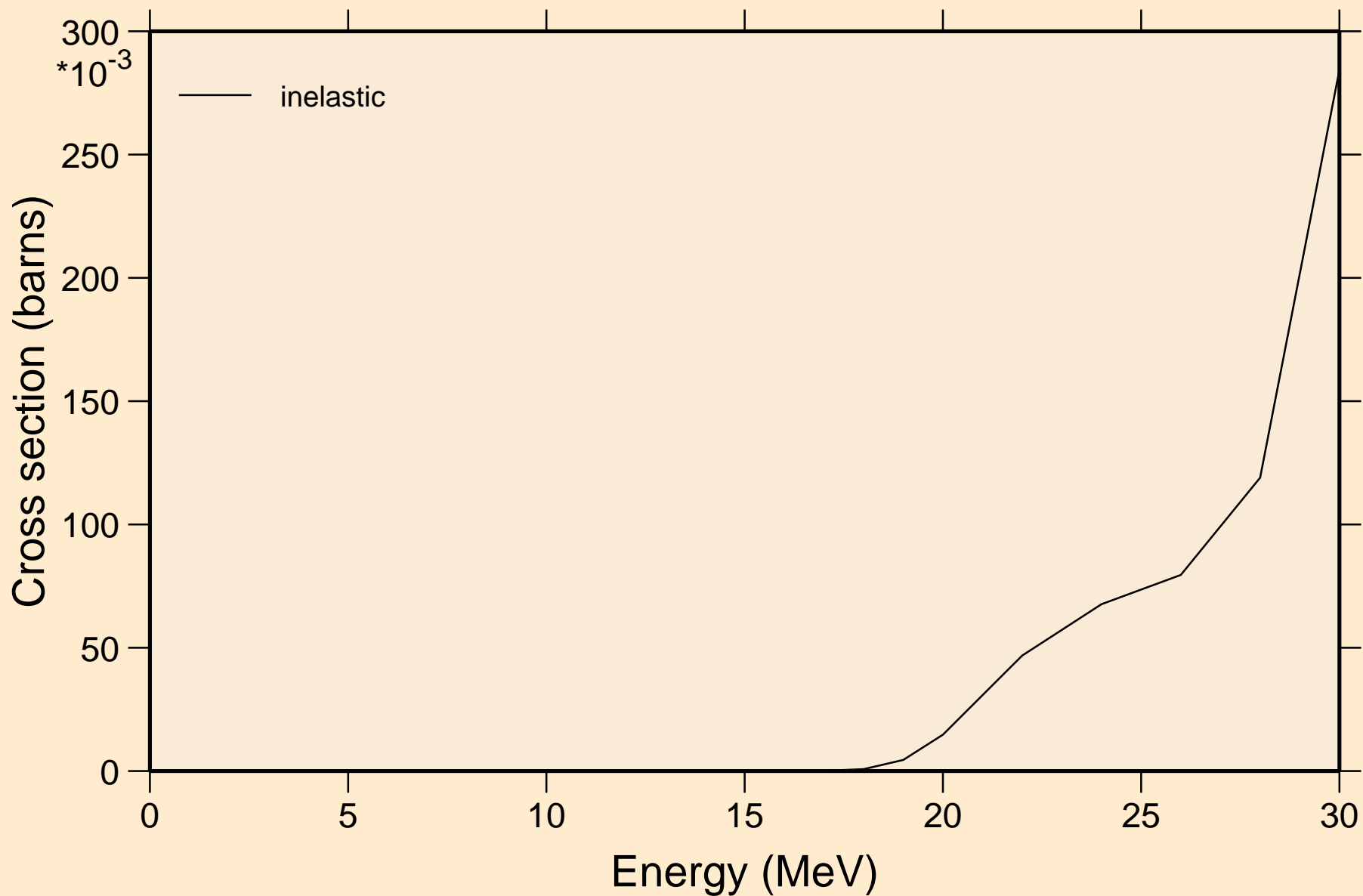


OS190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

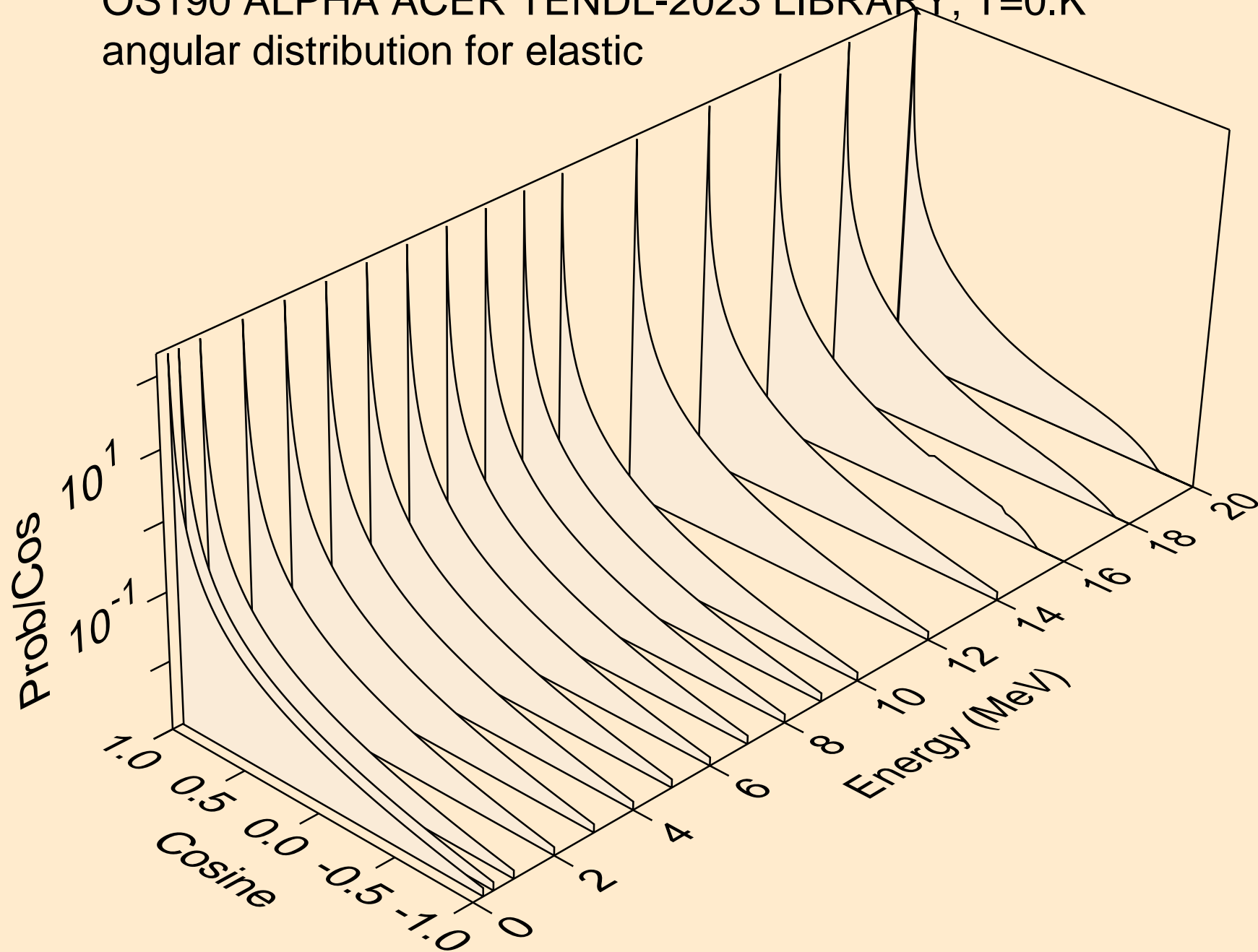




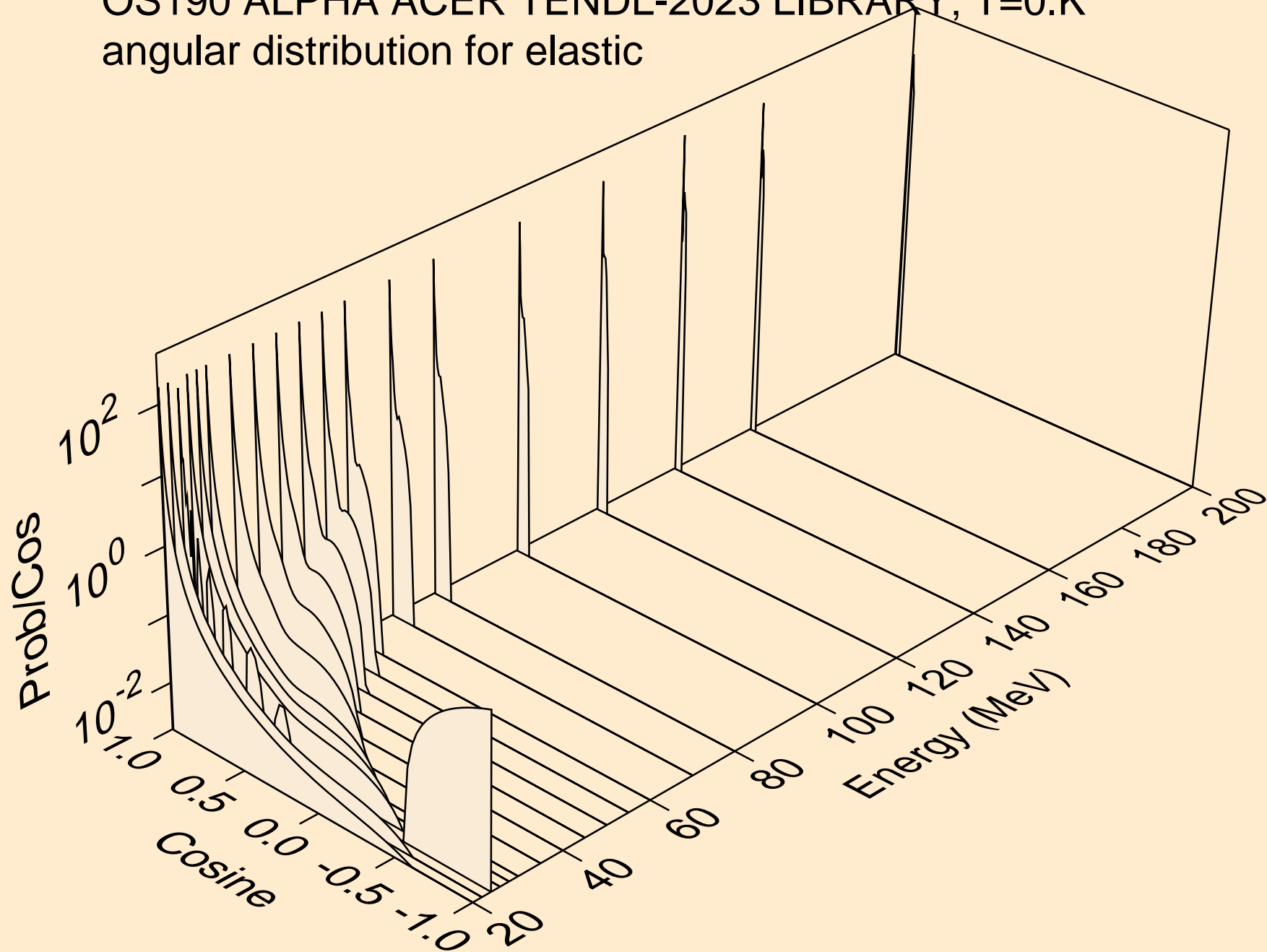
OS190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



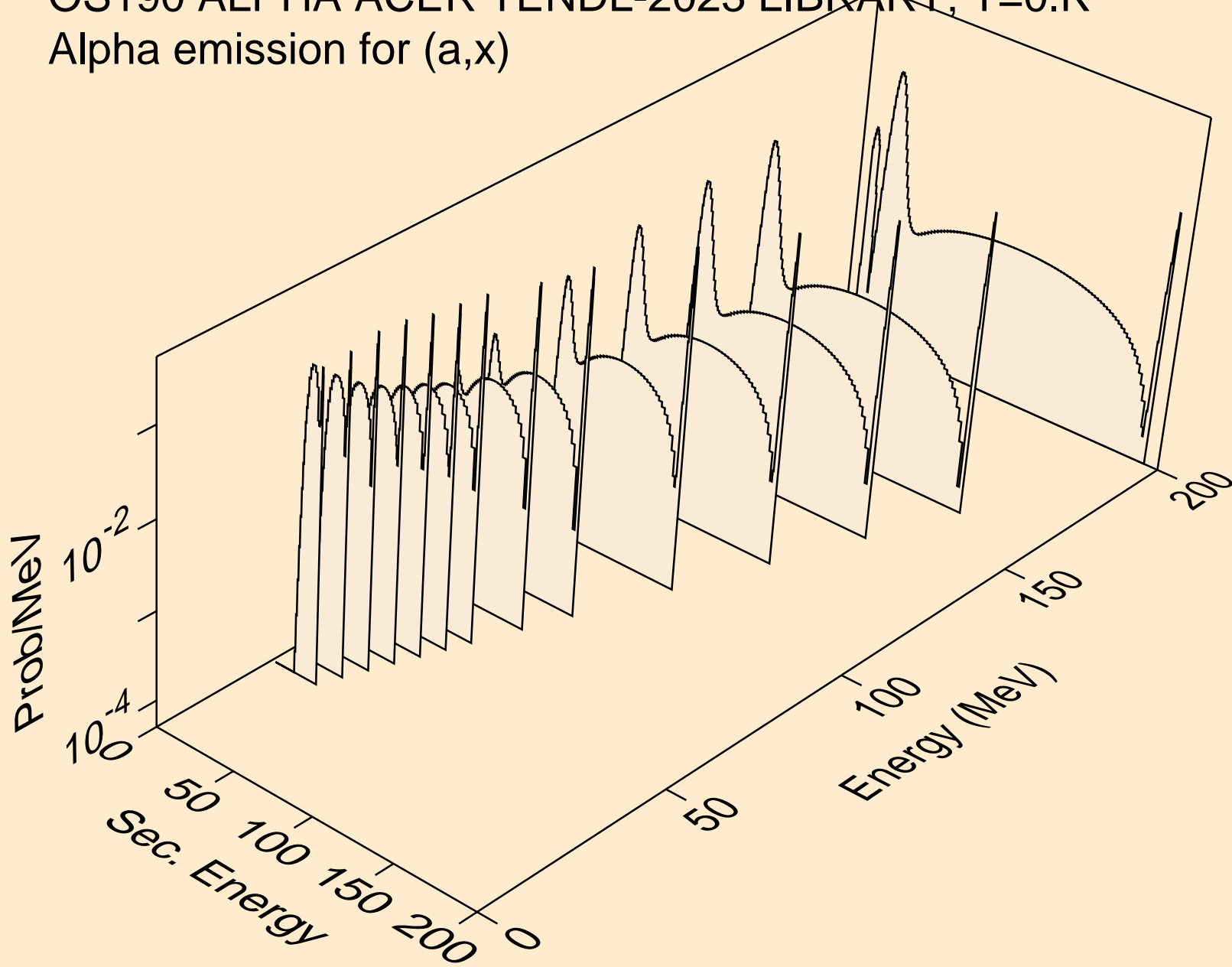
OS190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



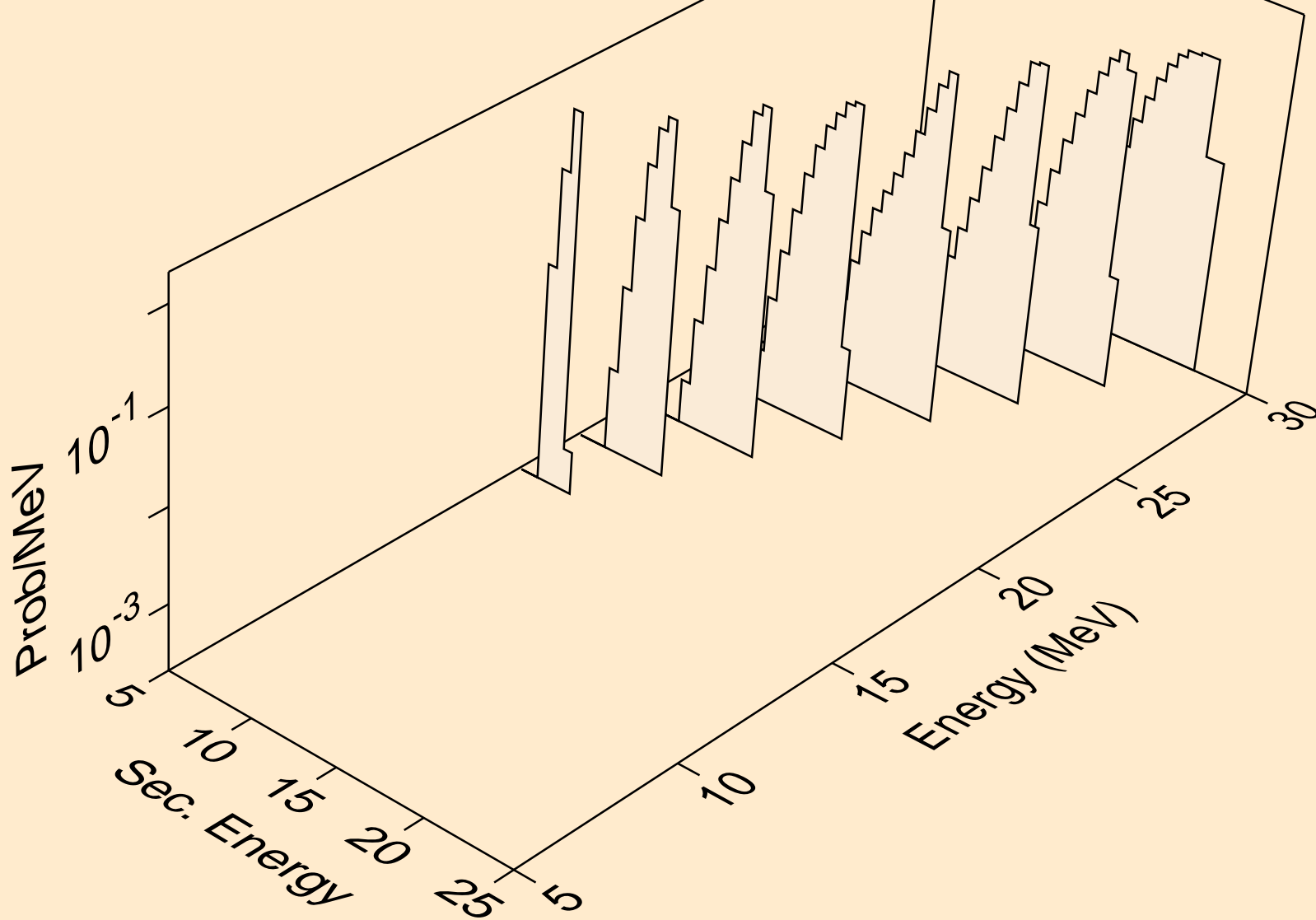
OS190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



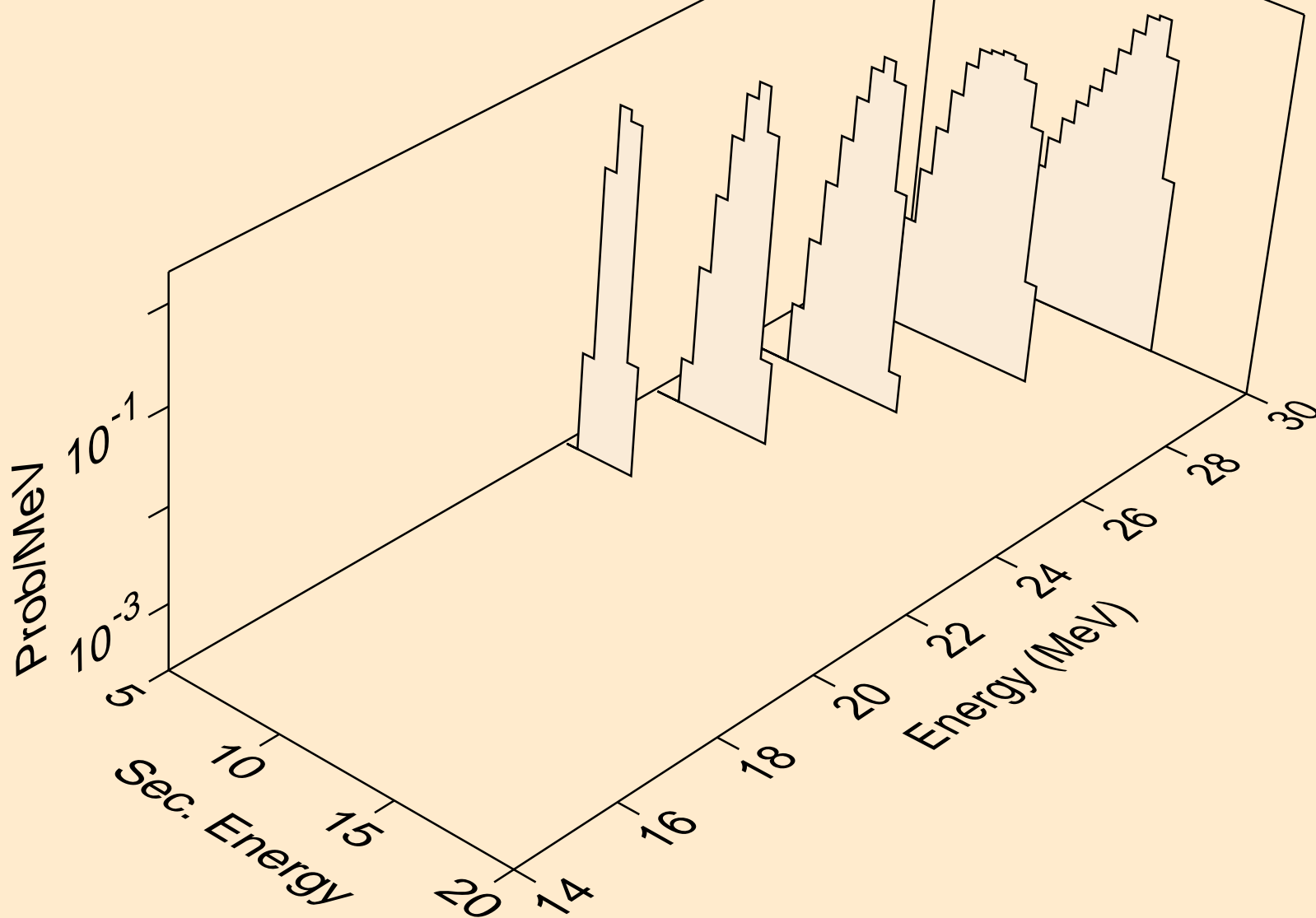
OS190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,x)



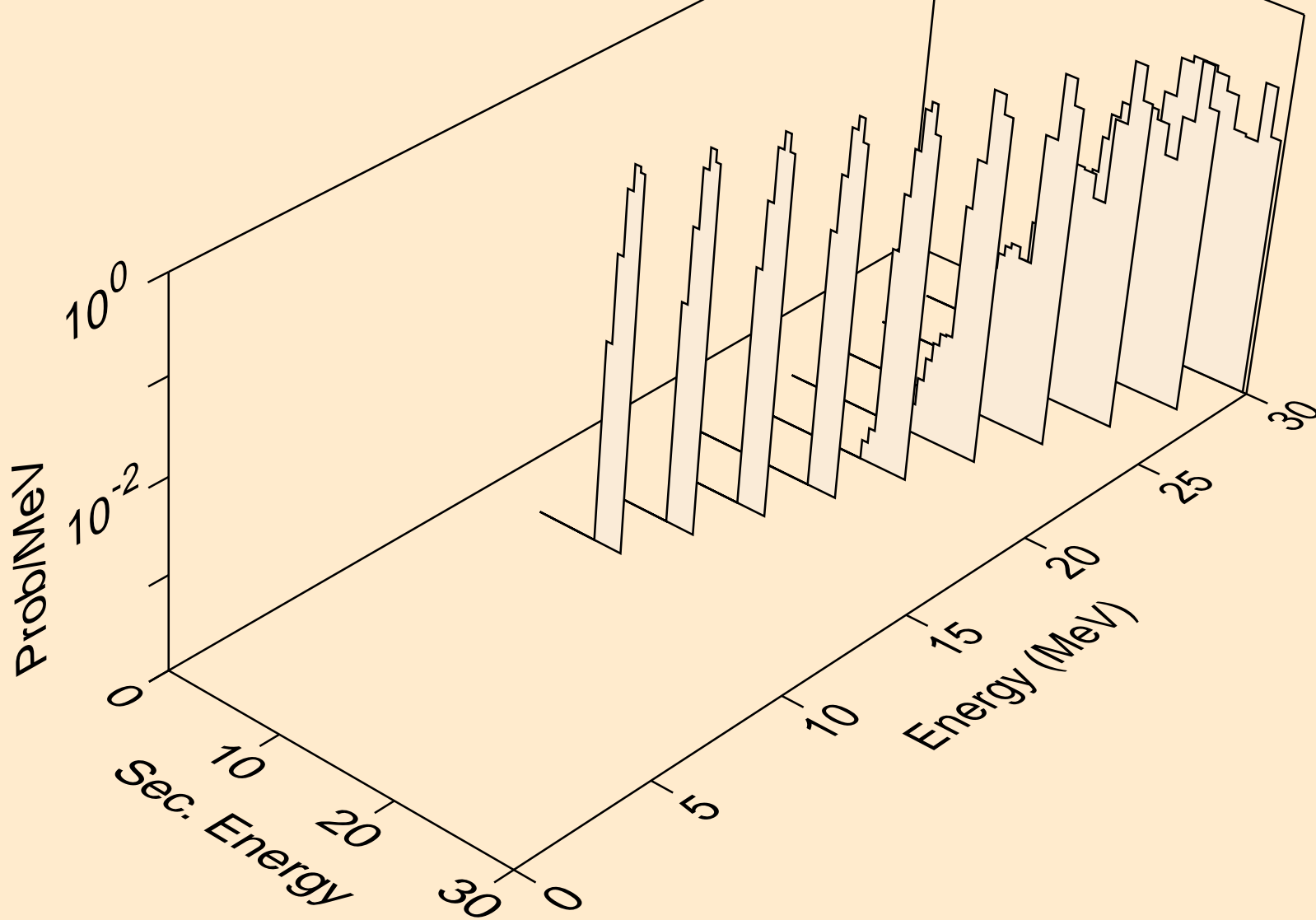
OS190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



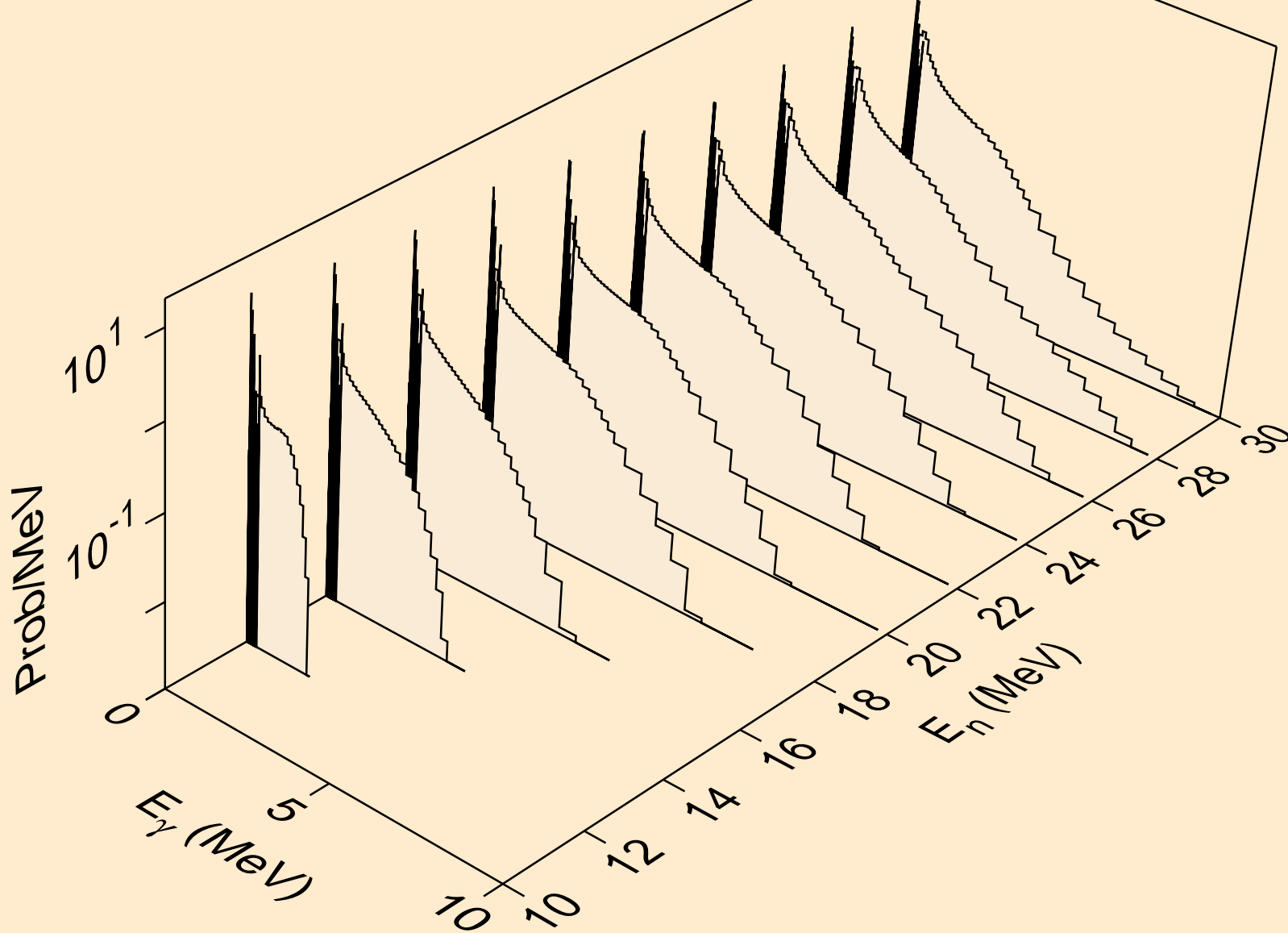
OS190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



OS190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic

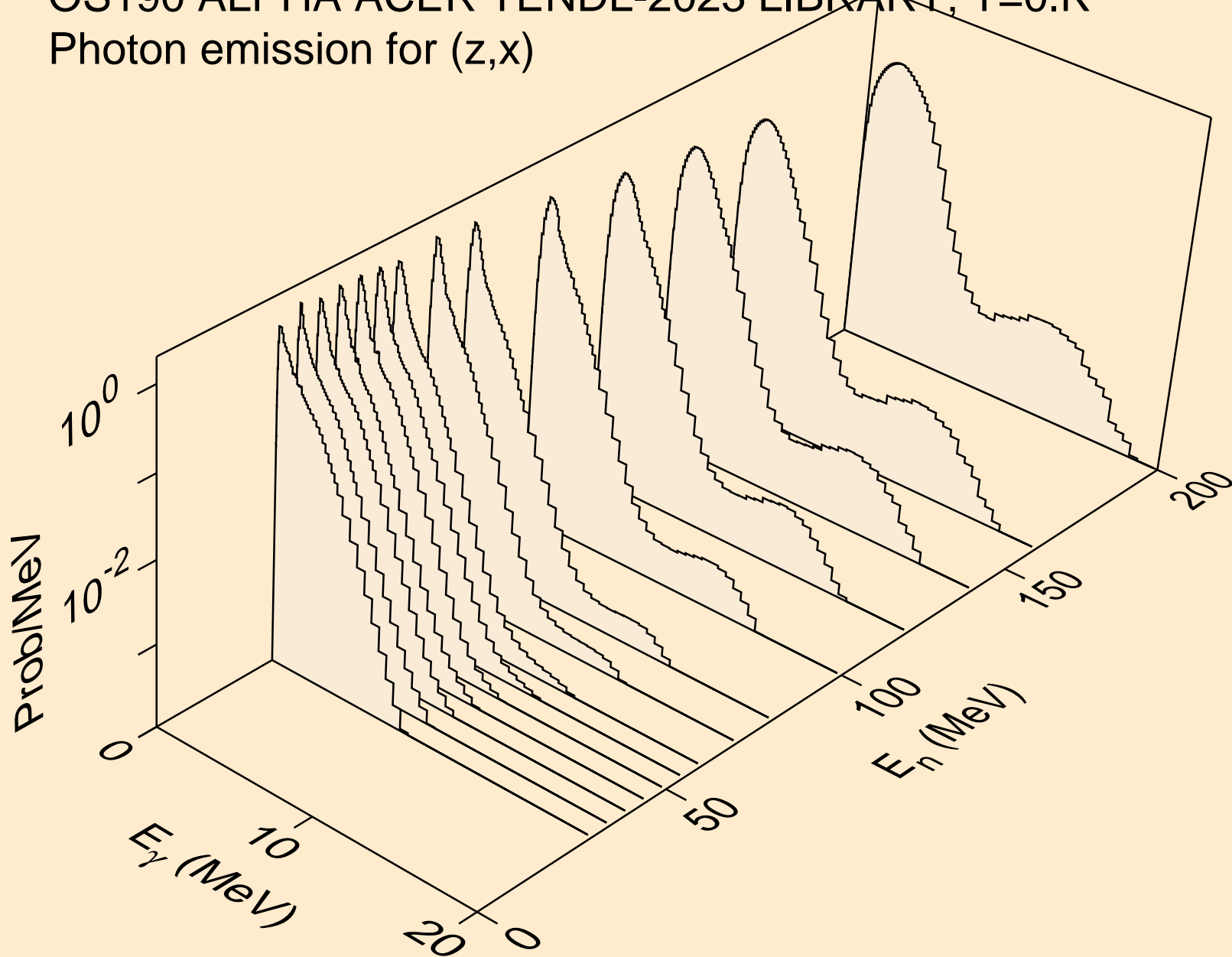


OS190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)

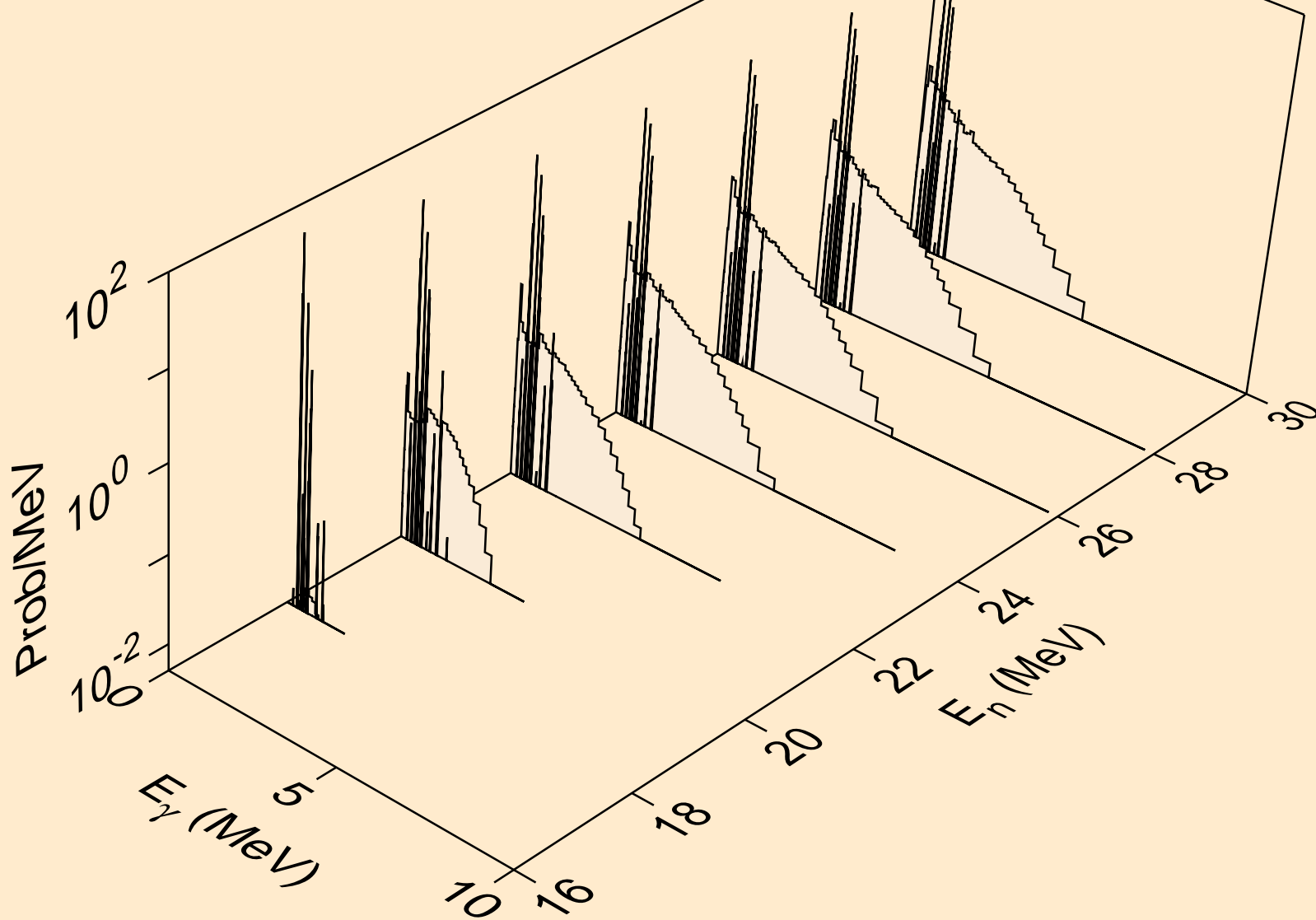




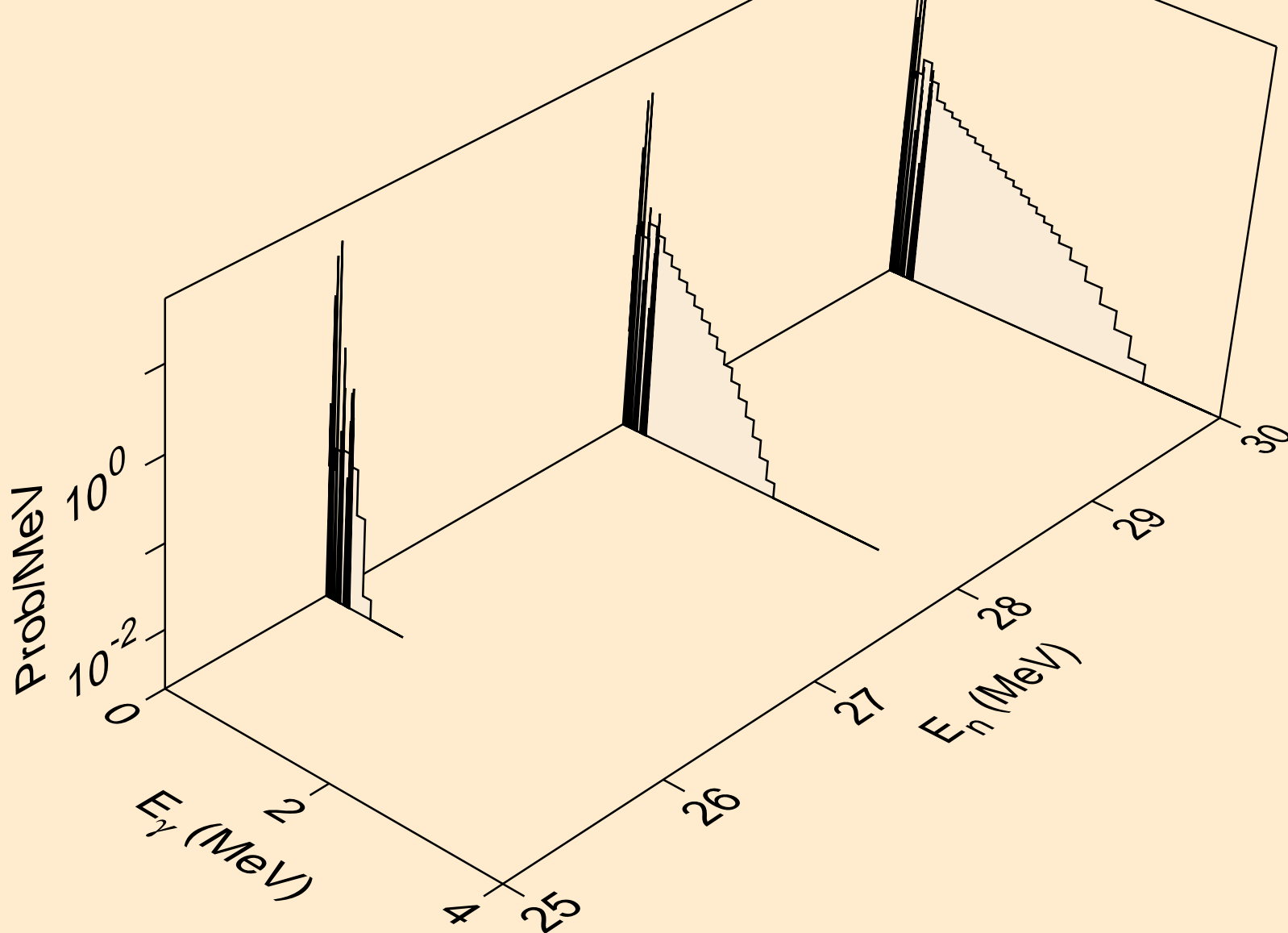
OS190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



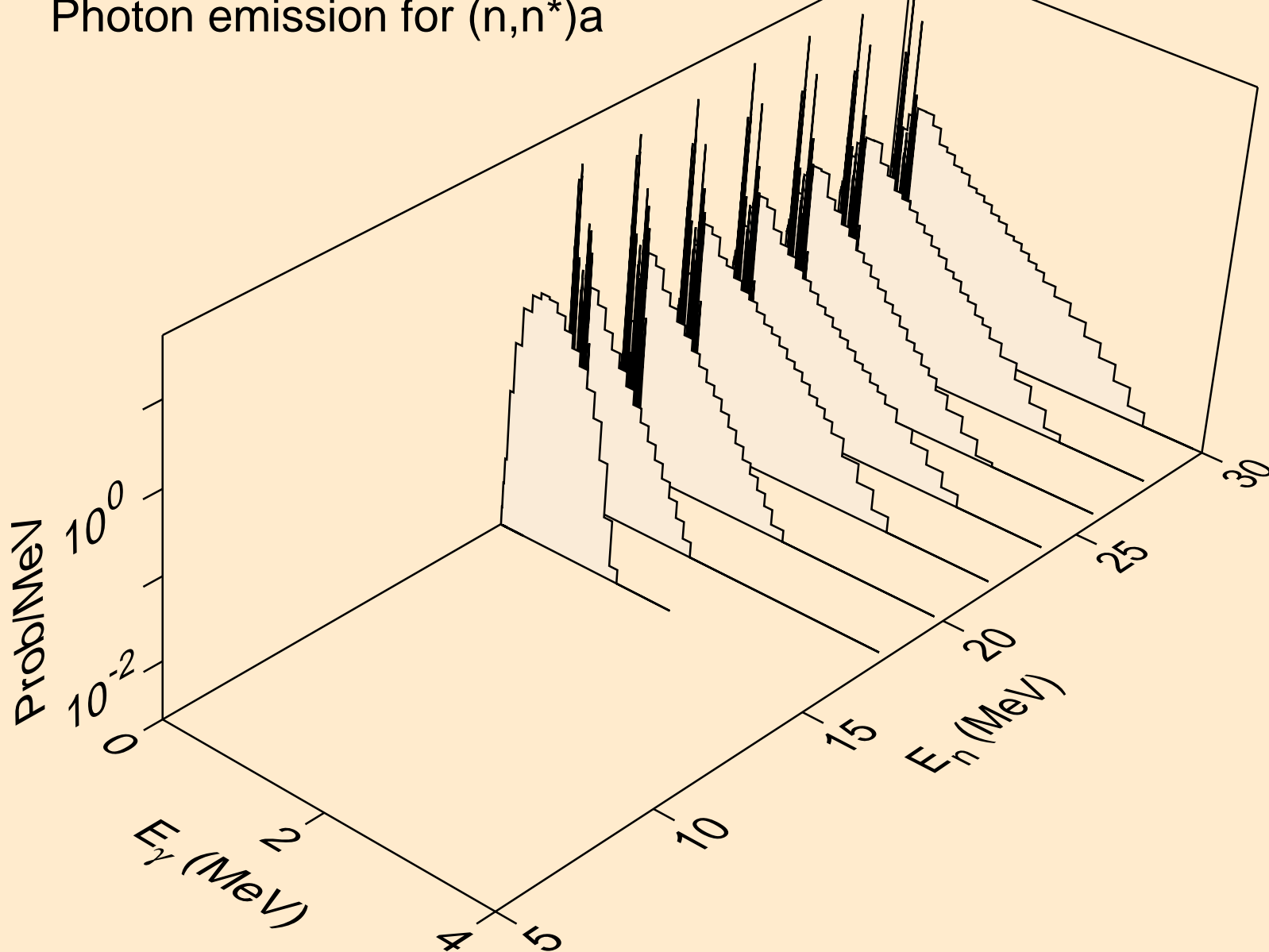
OS190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



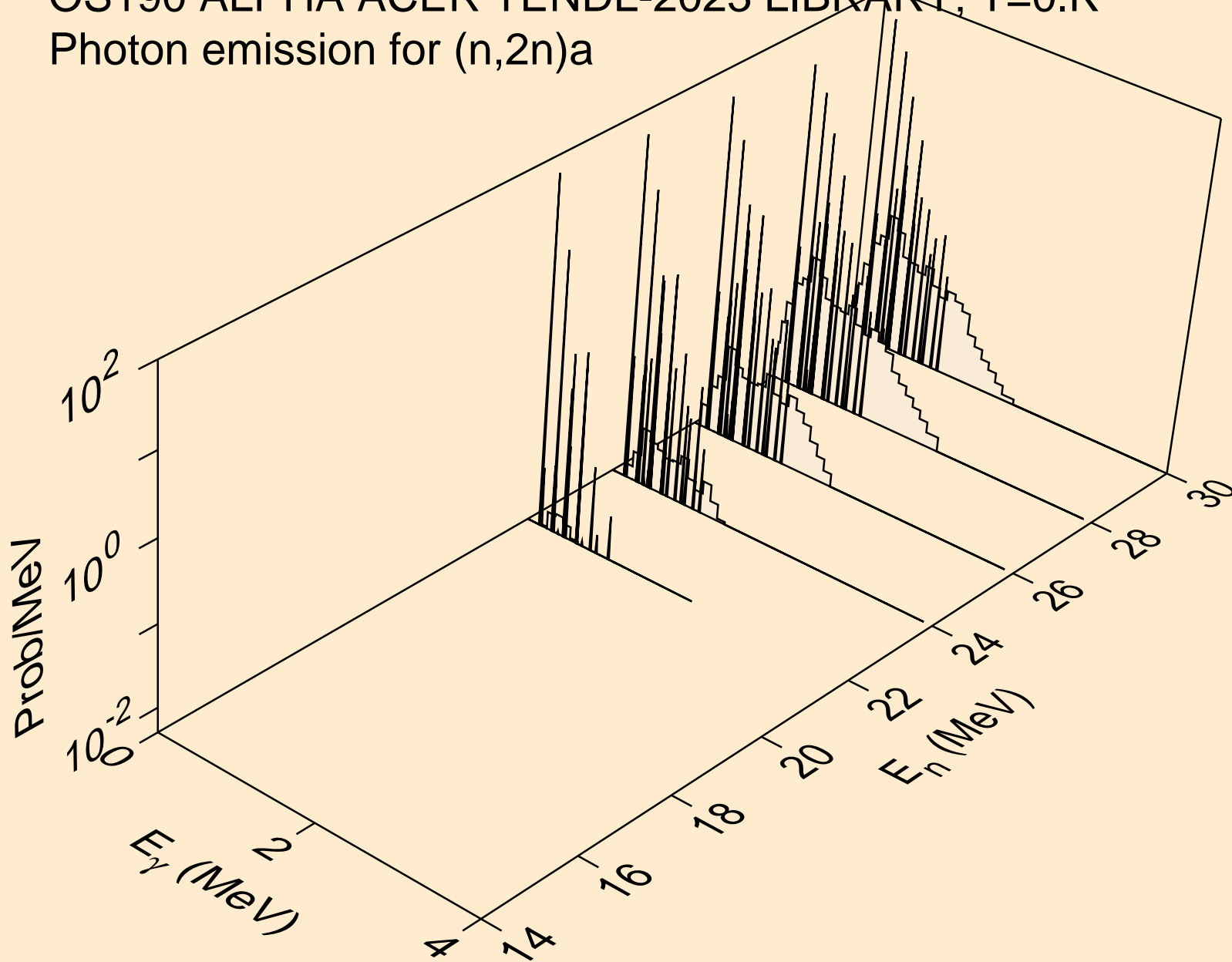
OS190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



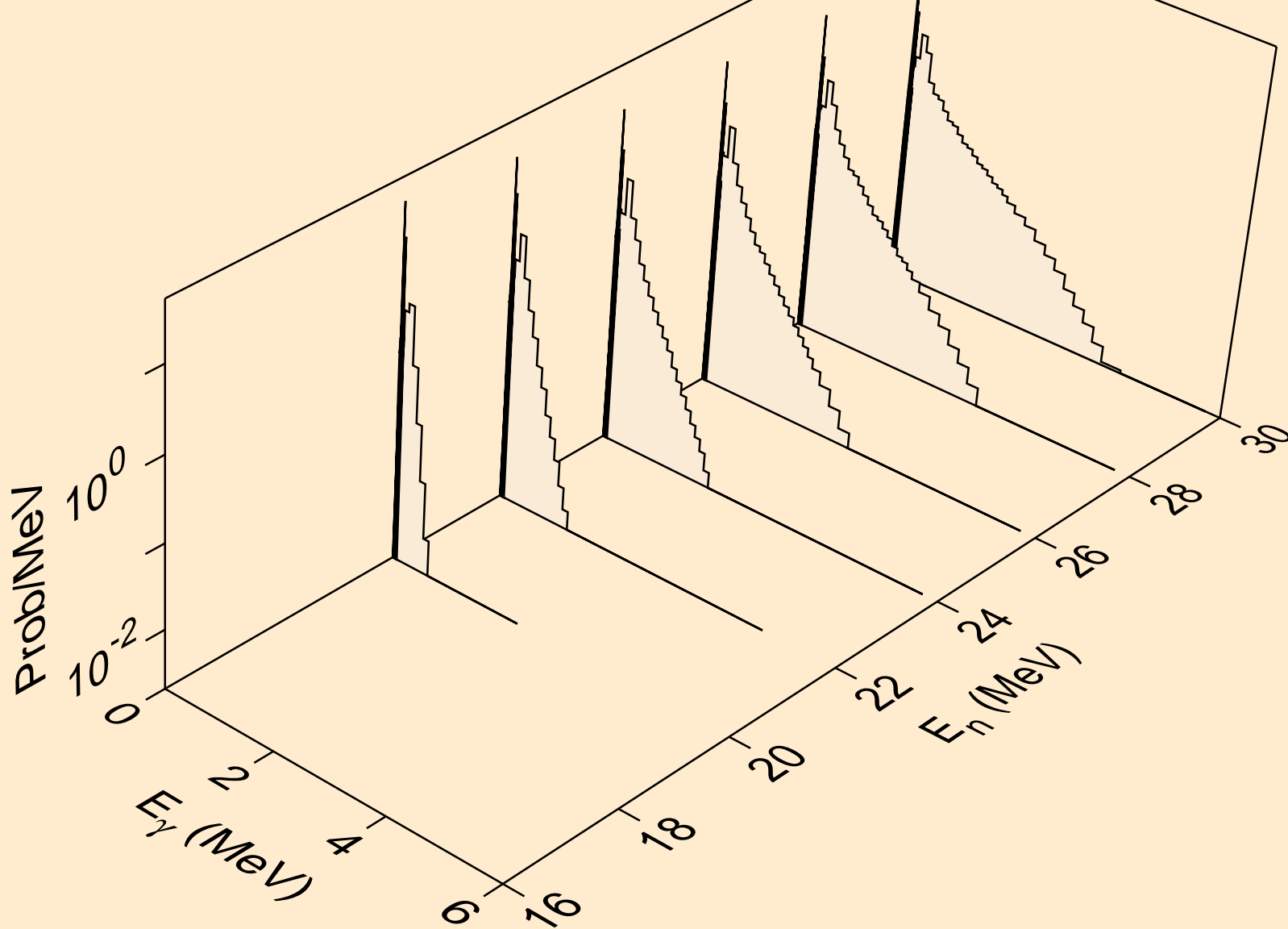
OS190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



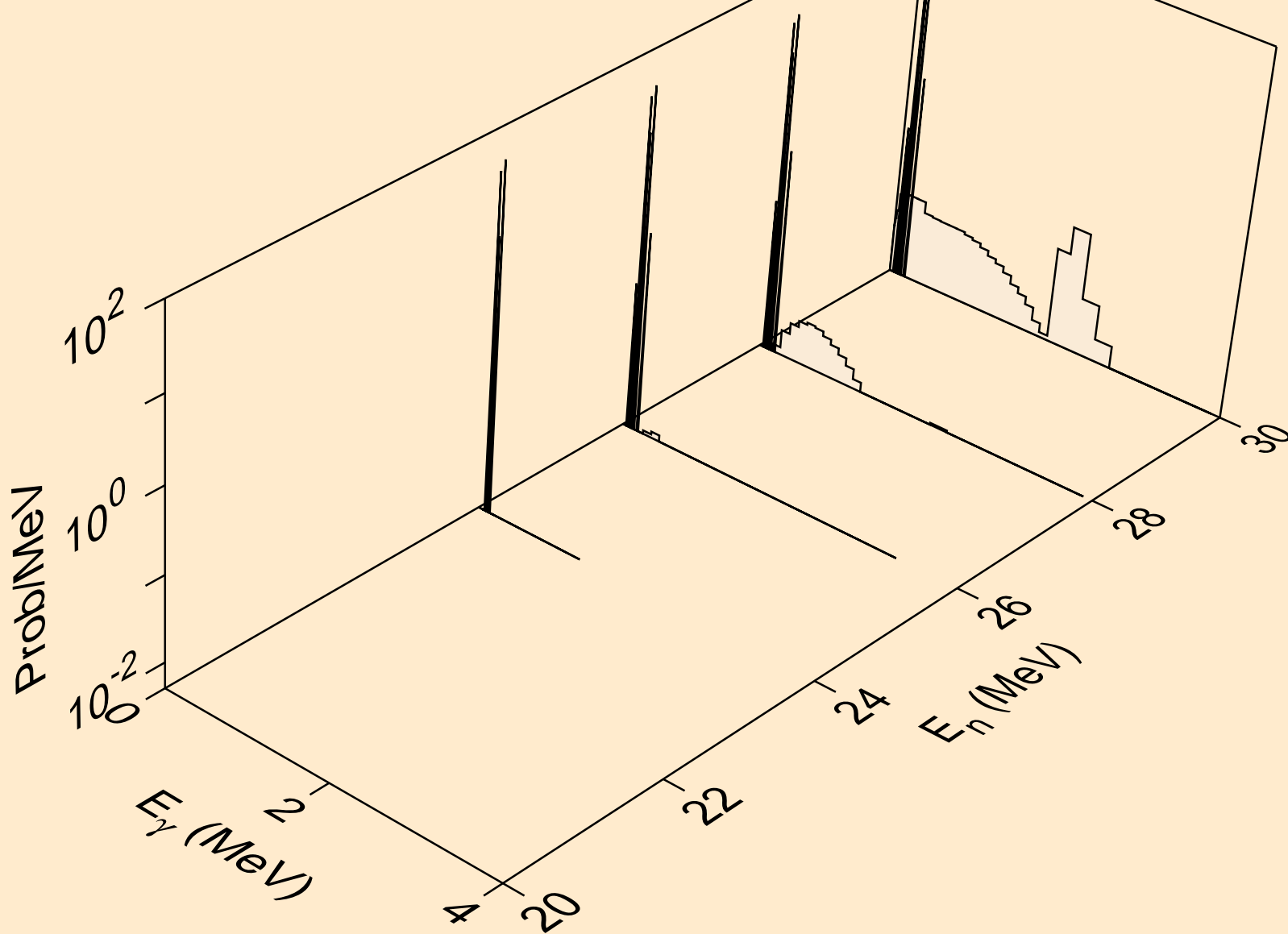
OS190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



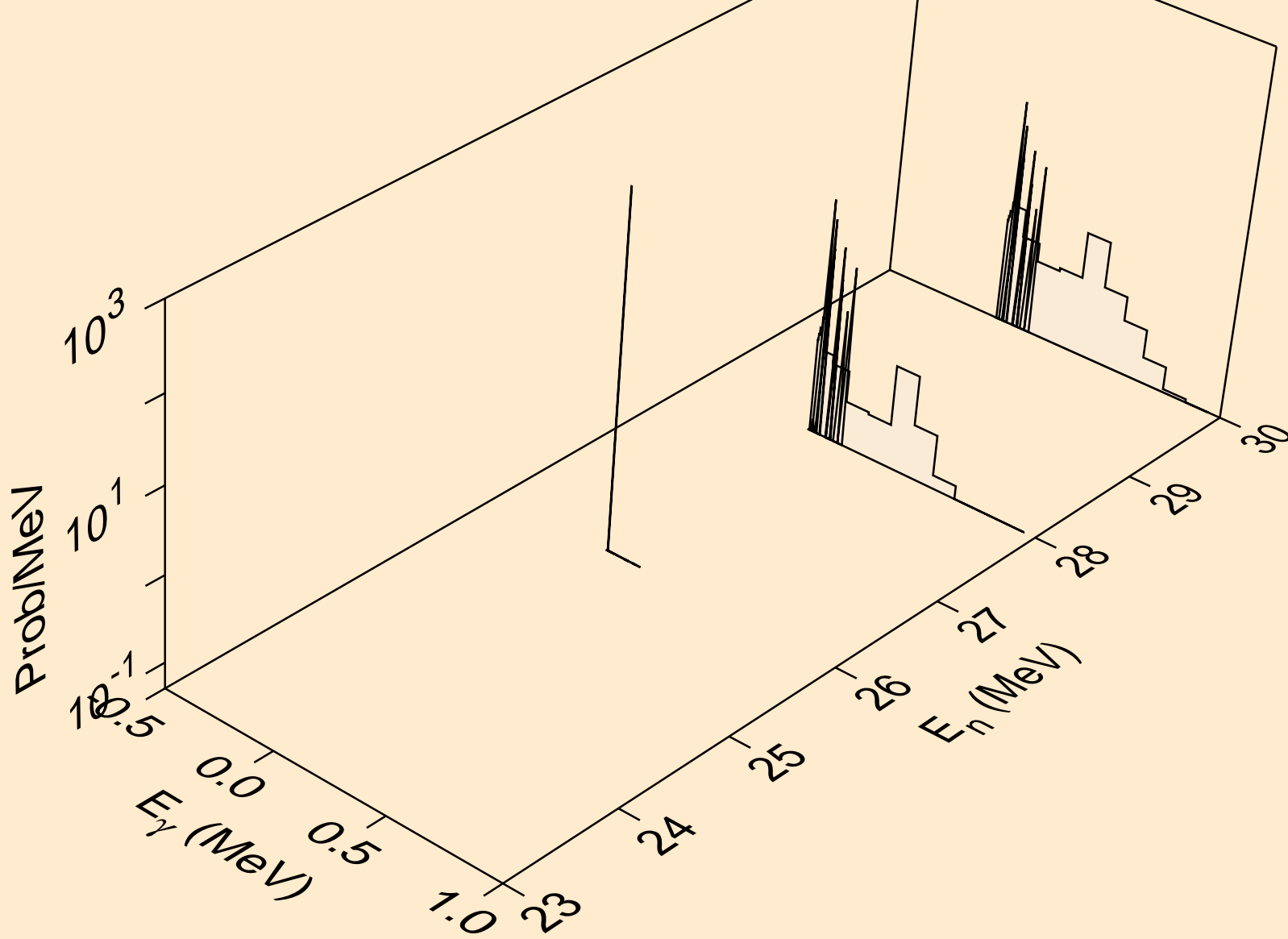
OS190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



OS190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

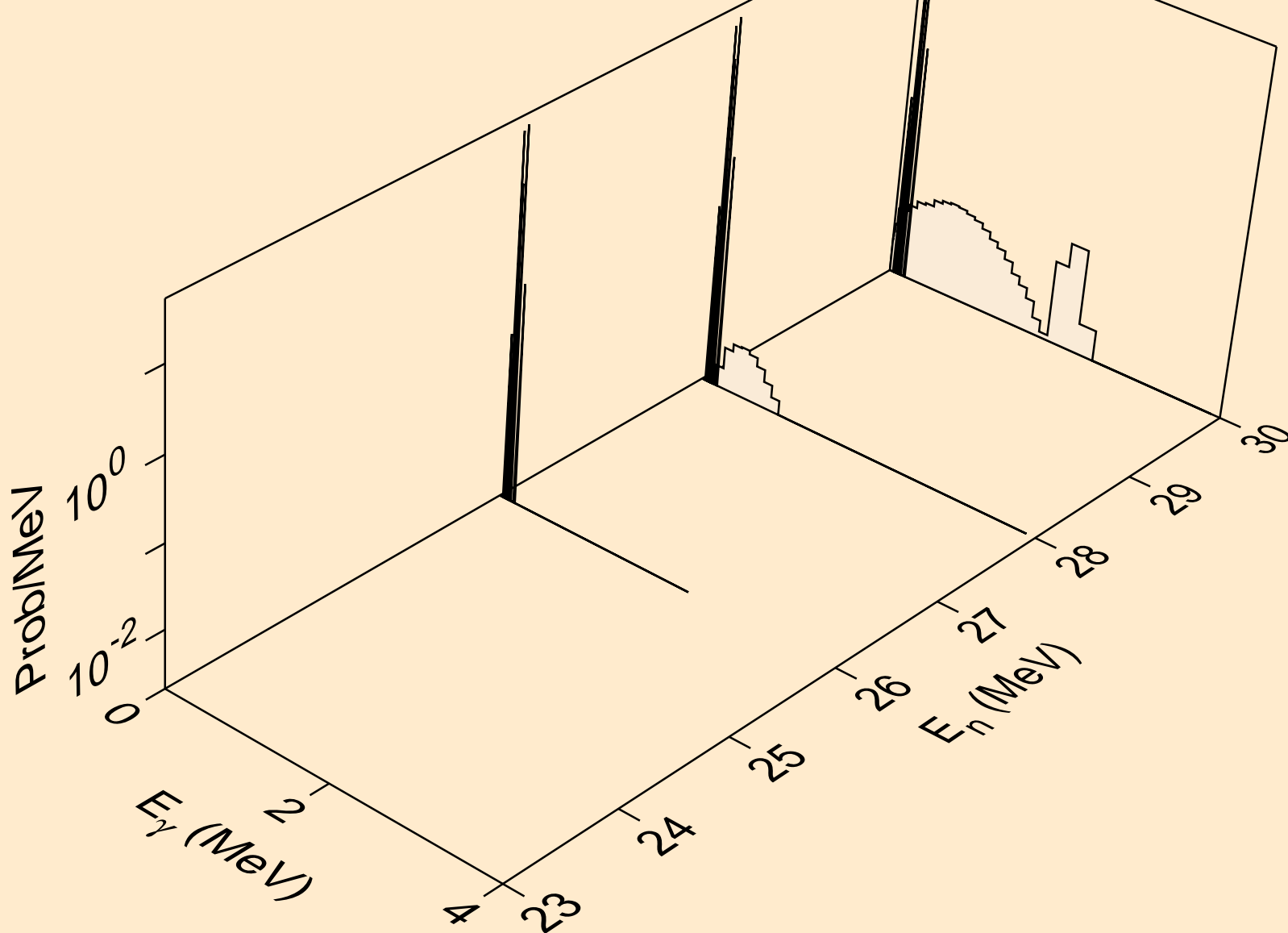


OS190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t

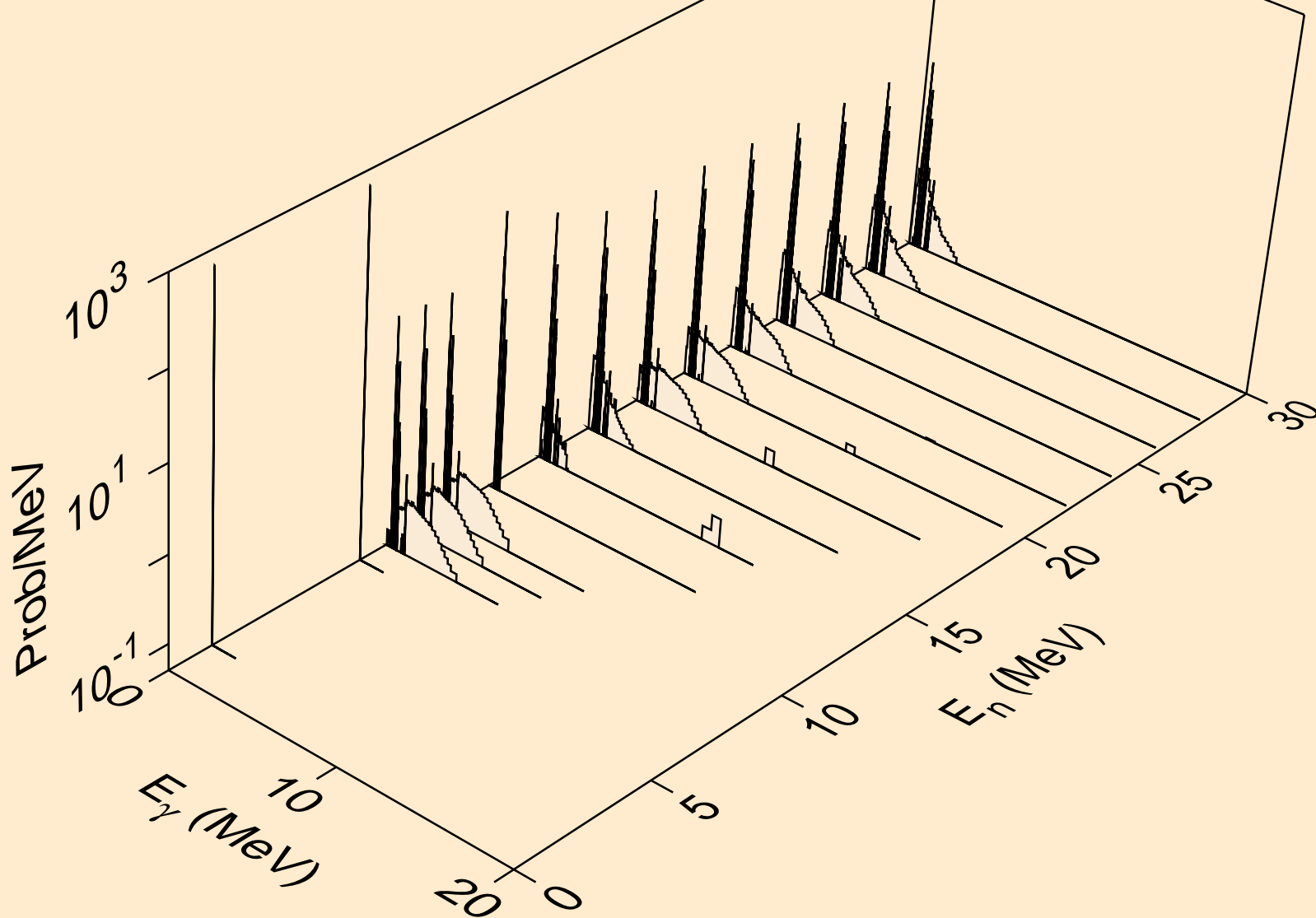




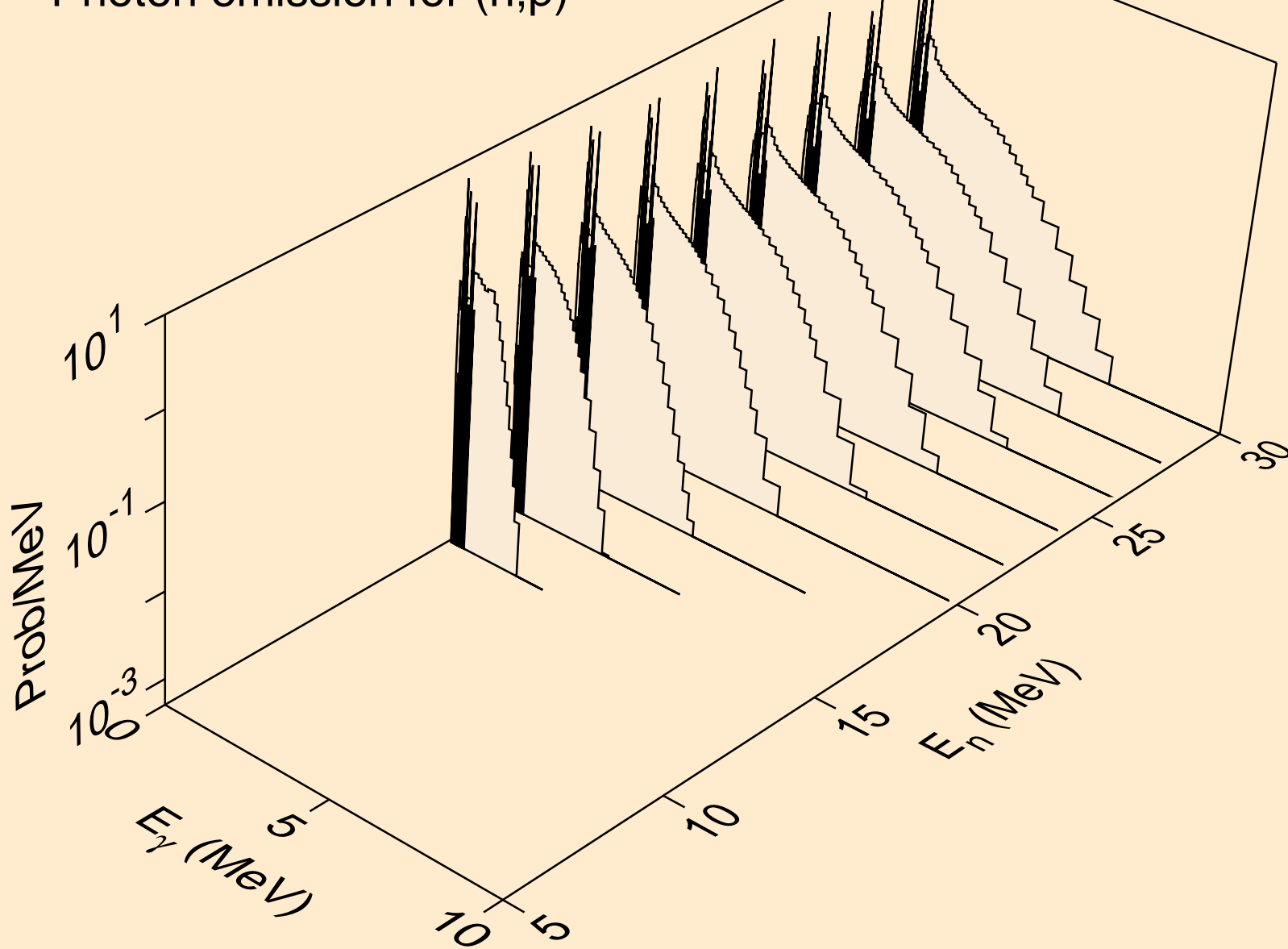
OS190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



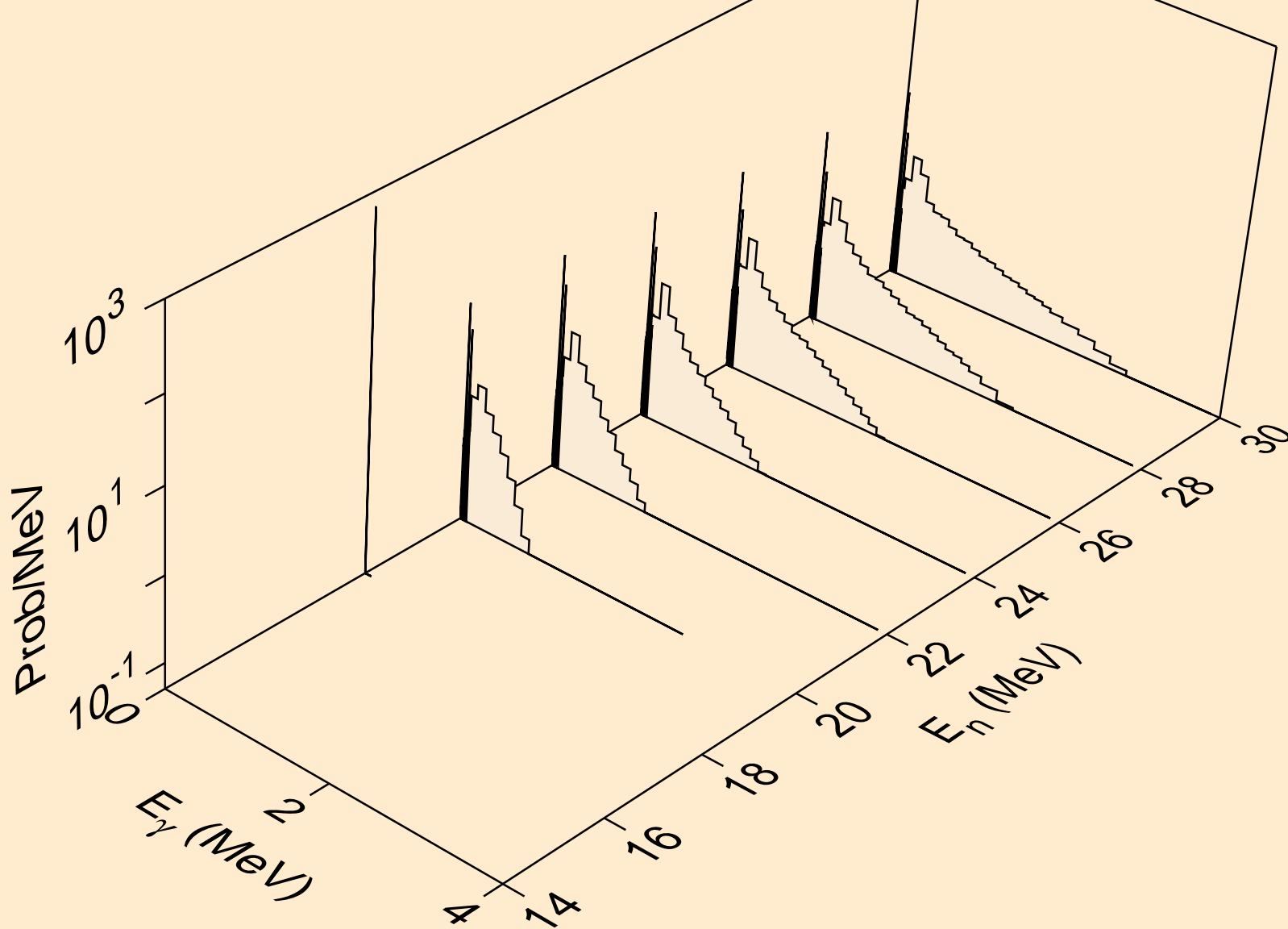
OS190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



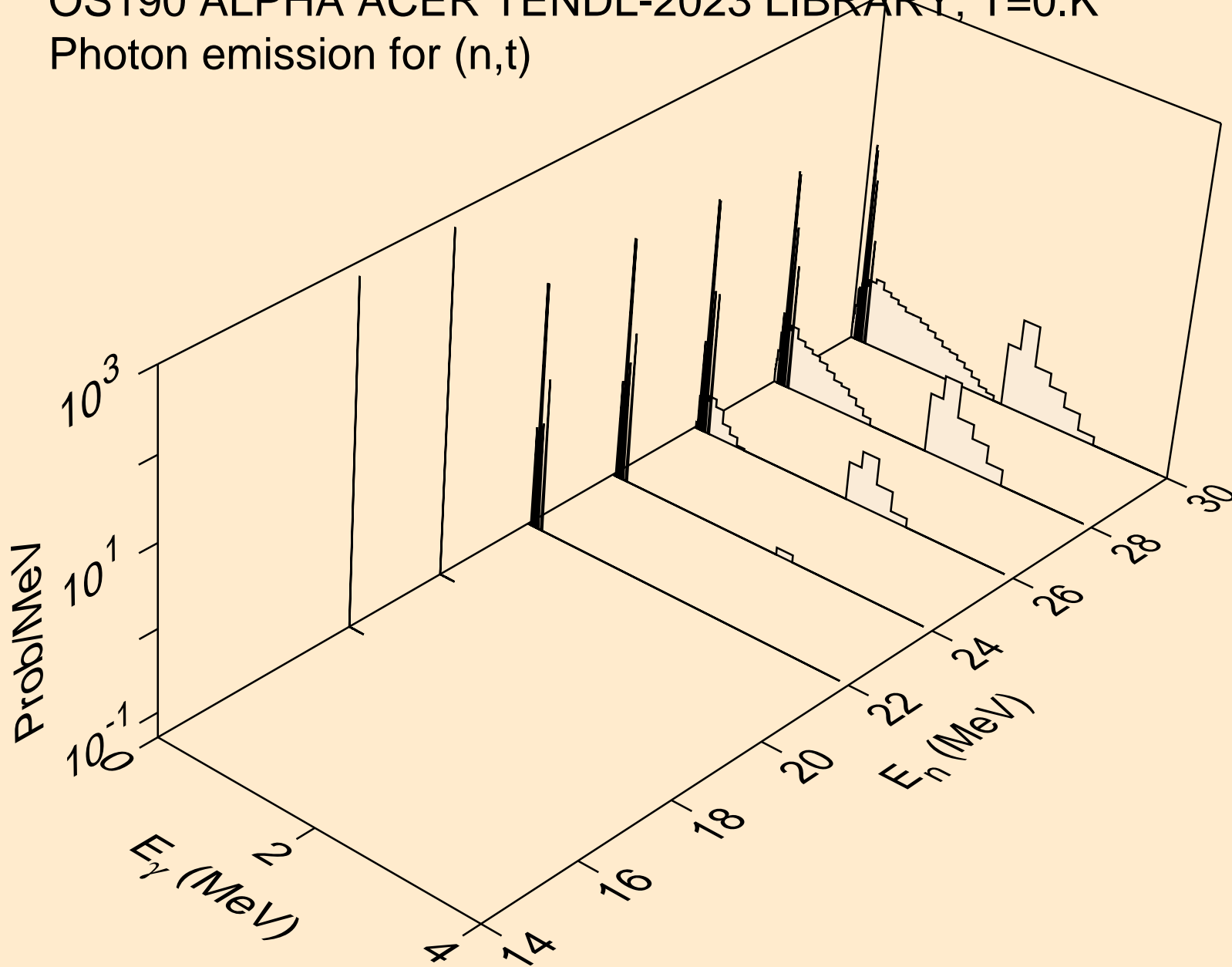
OS190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



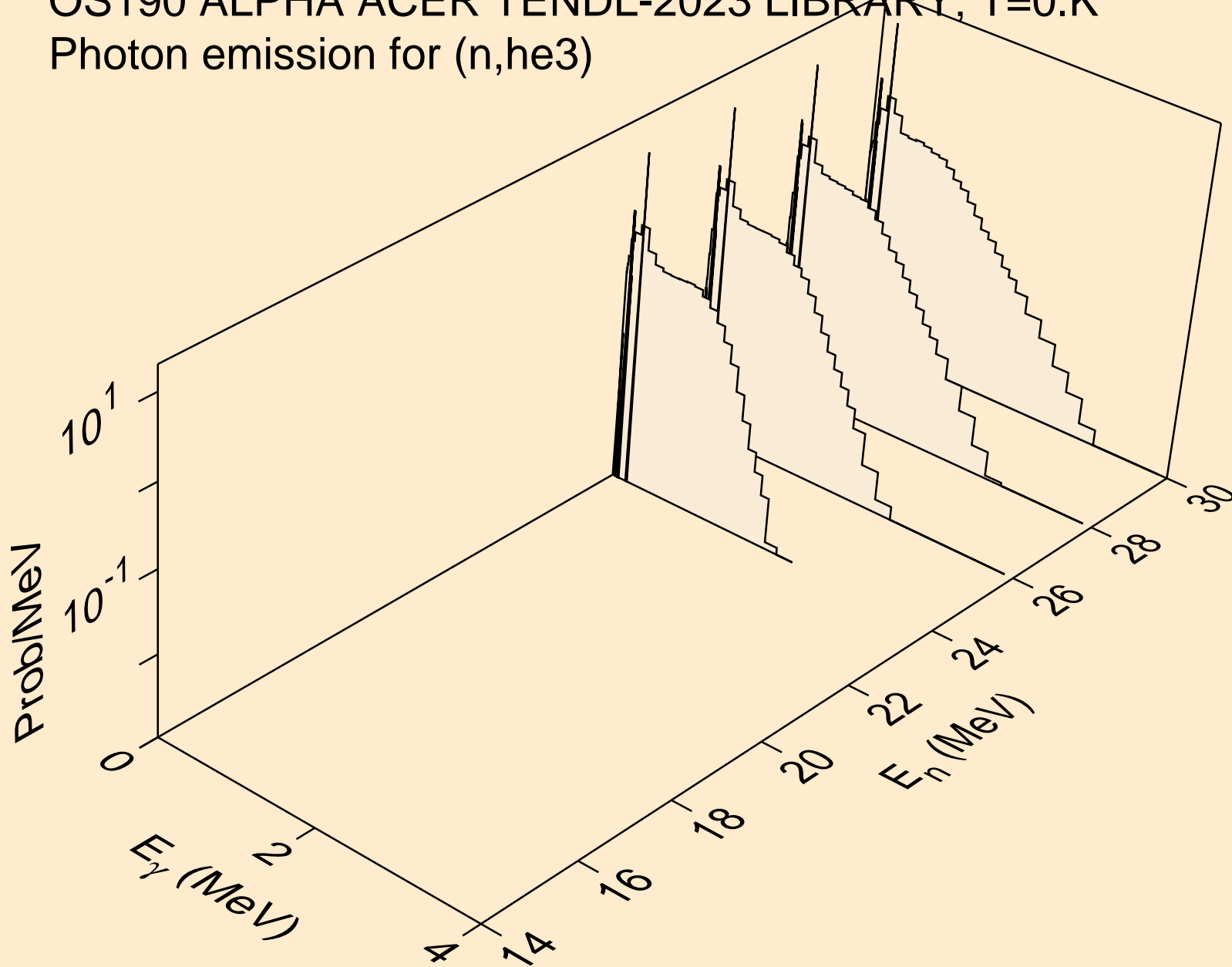
OS190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



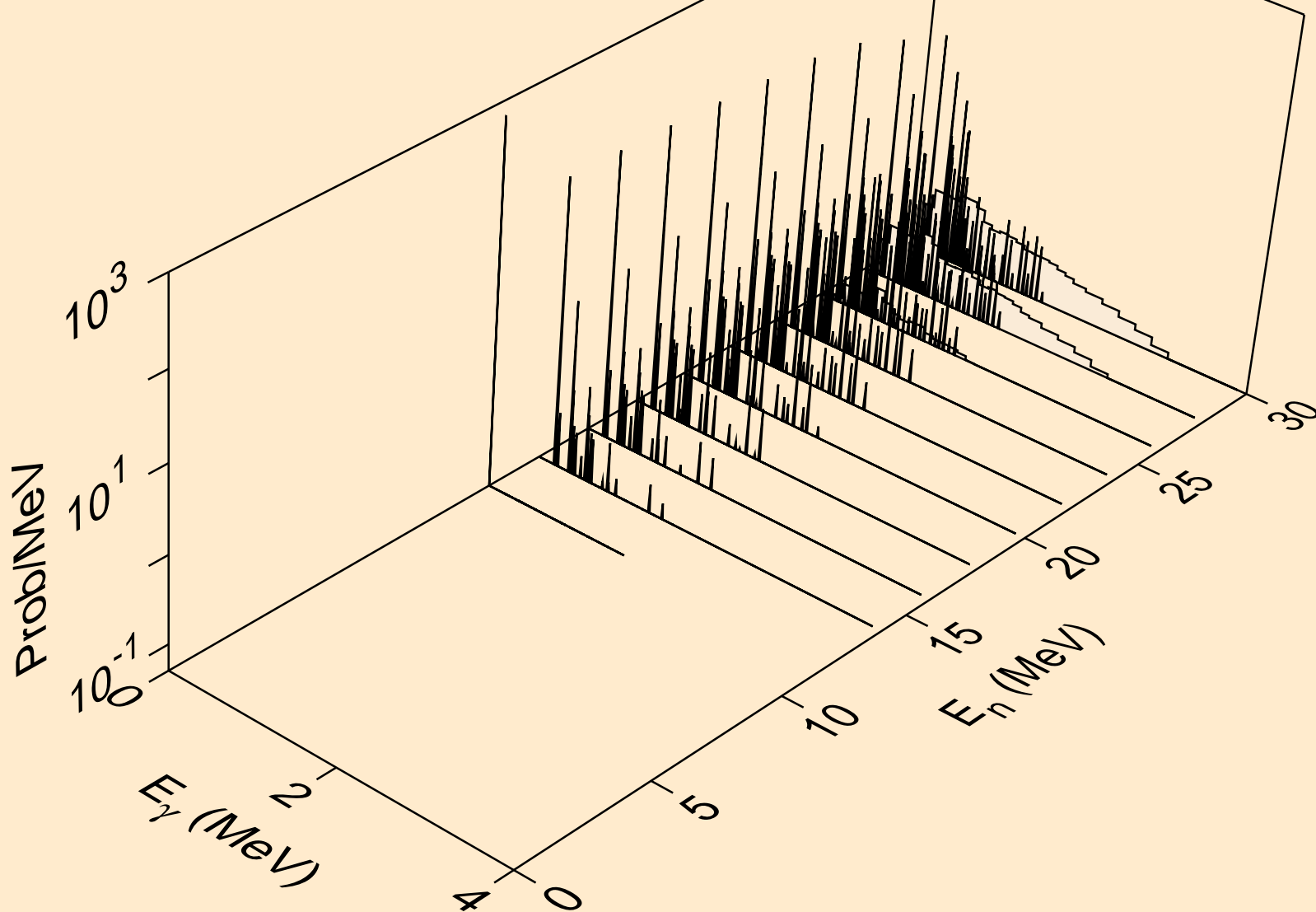
OS190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



OS190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)

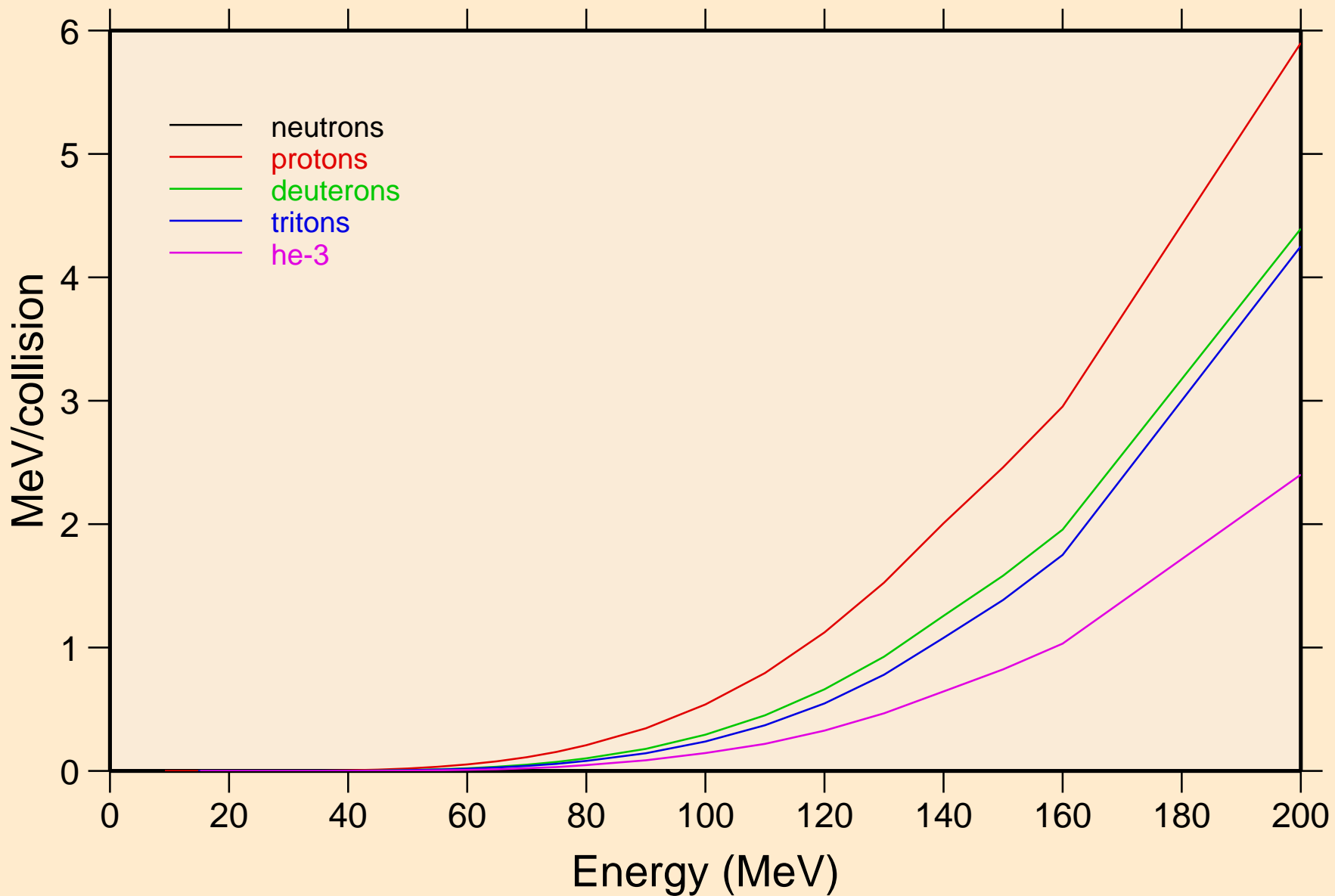


OS190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



# OS190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

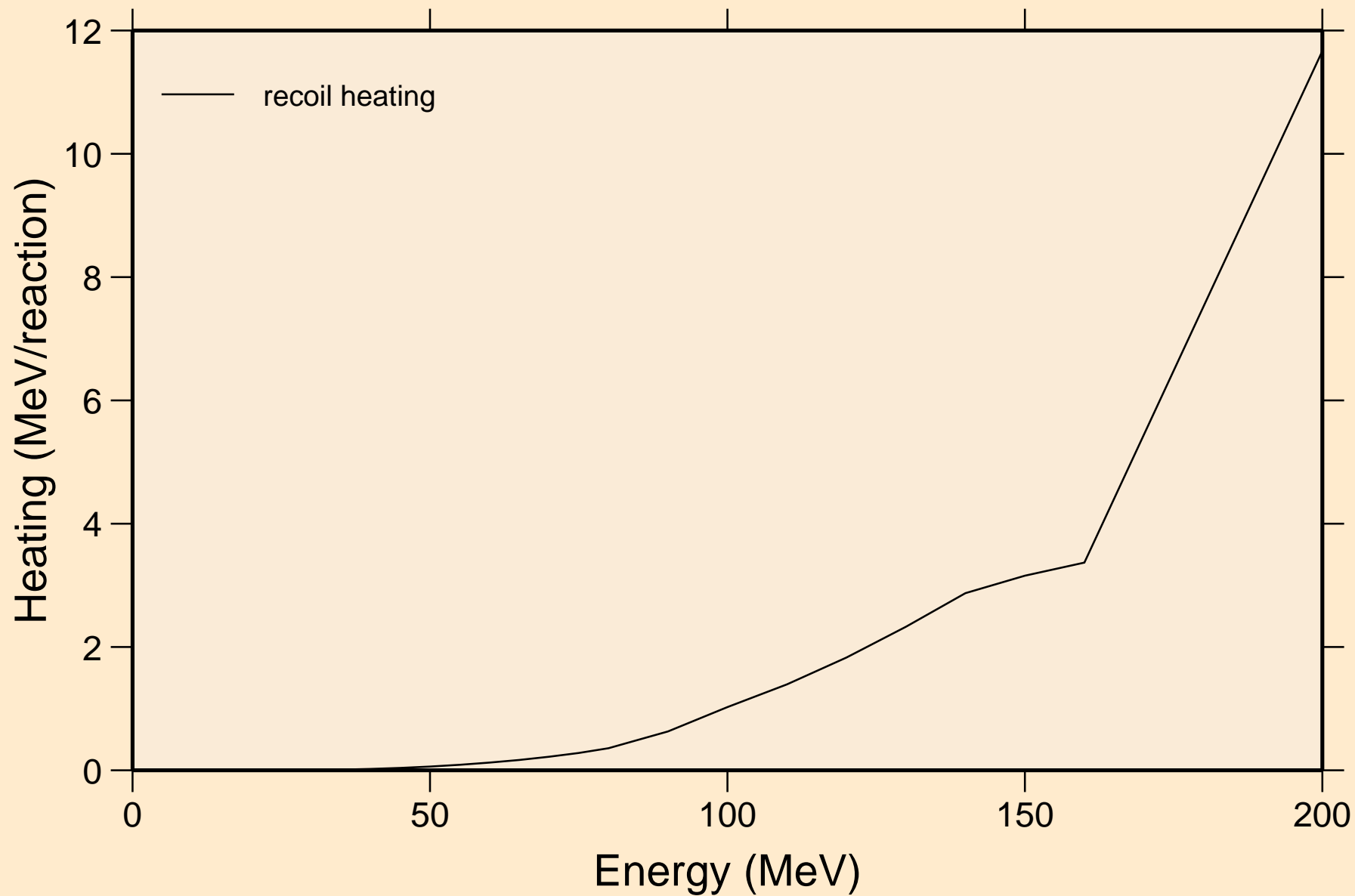
## Particle heating contributions





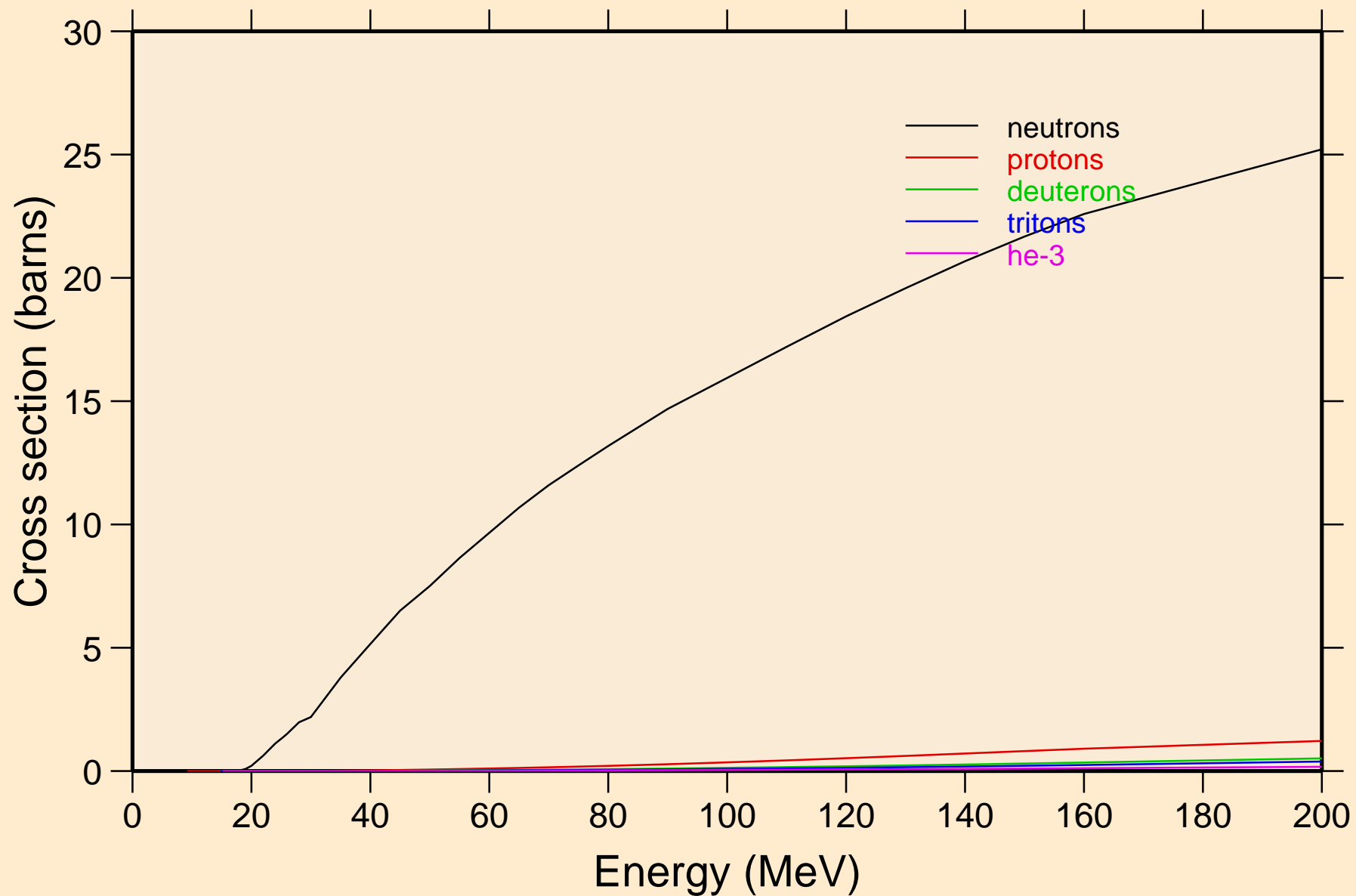
OS190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Recoil Heating

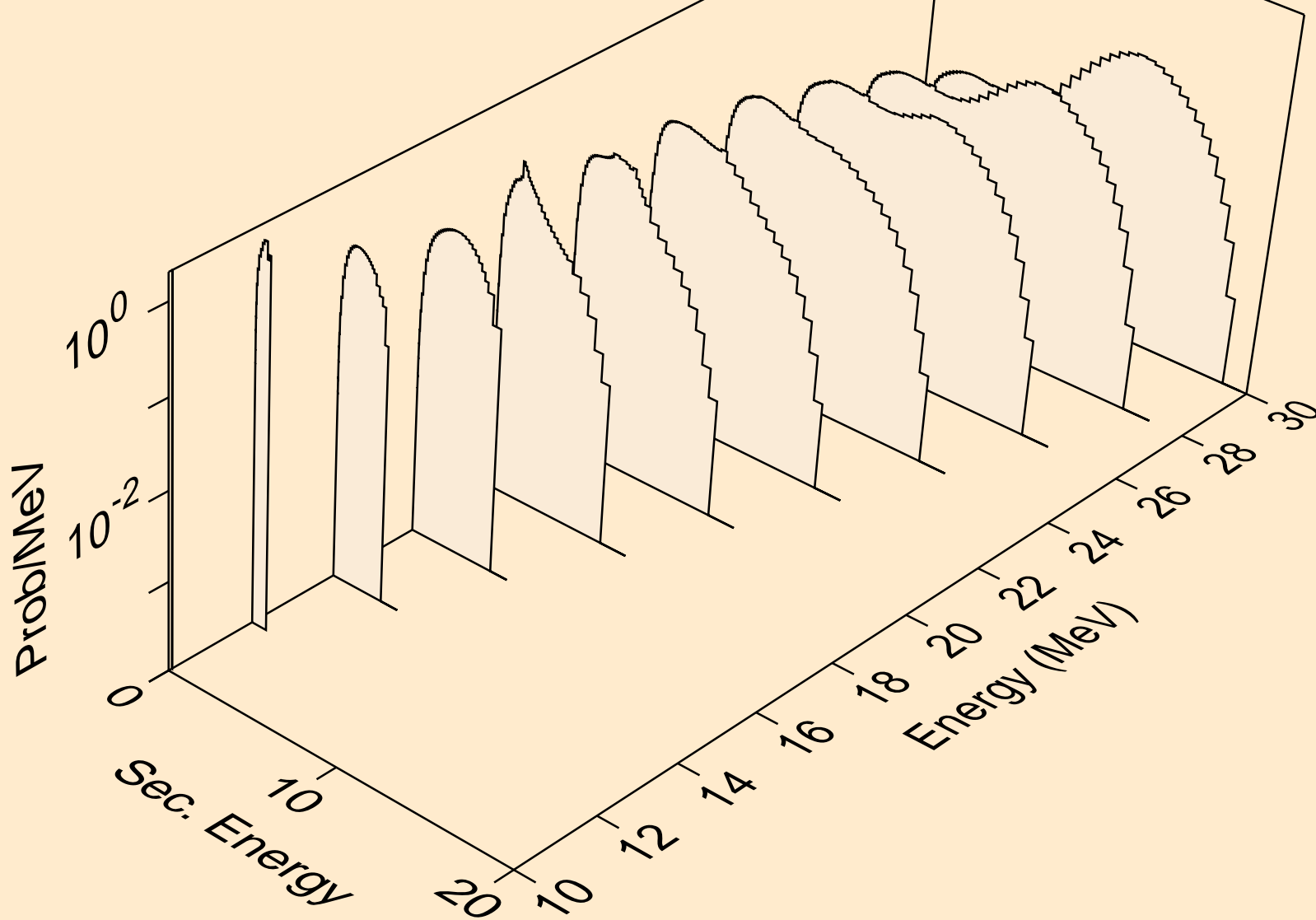


# OS190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

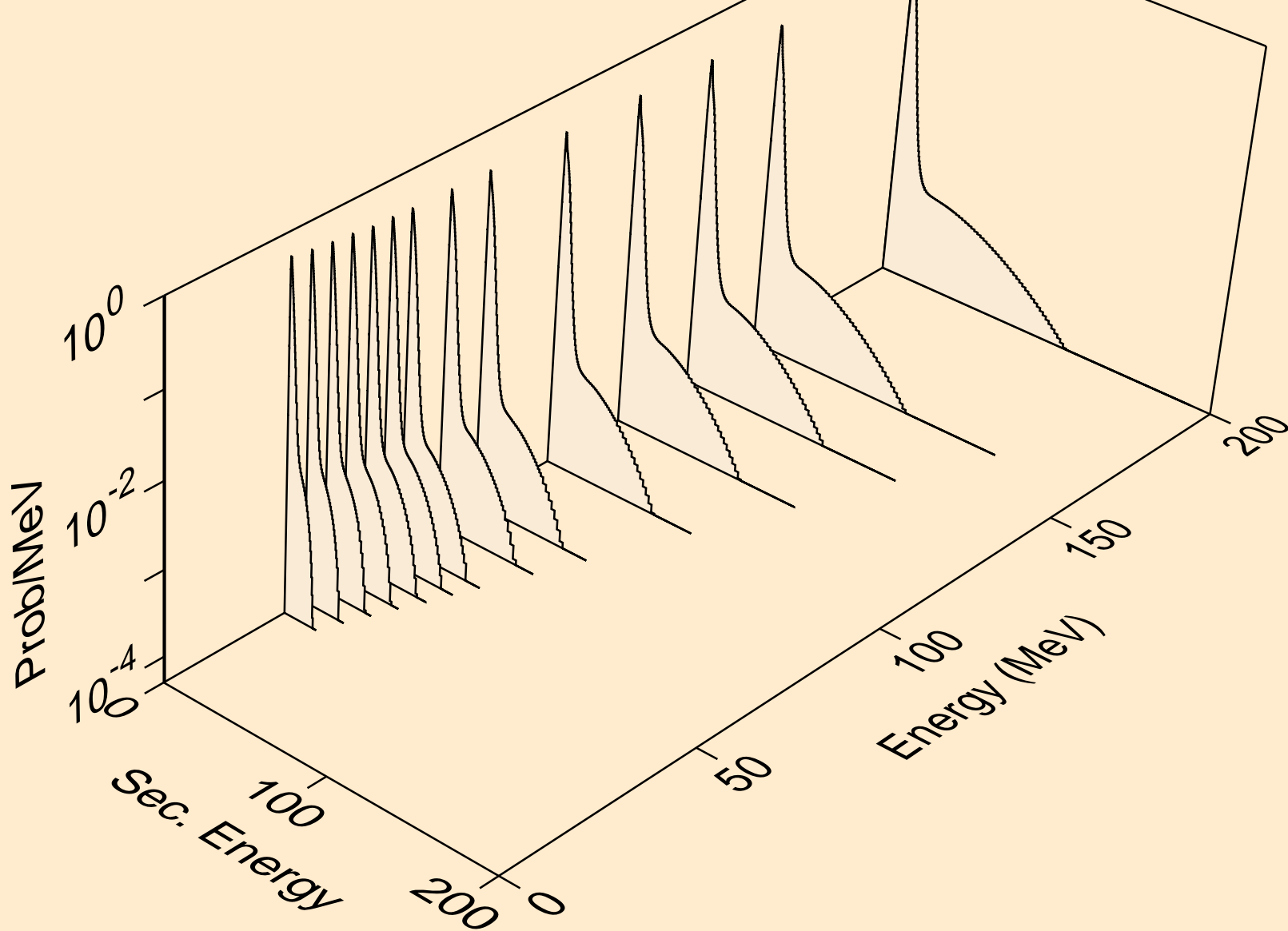
## Particle production cross sections



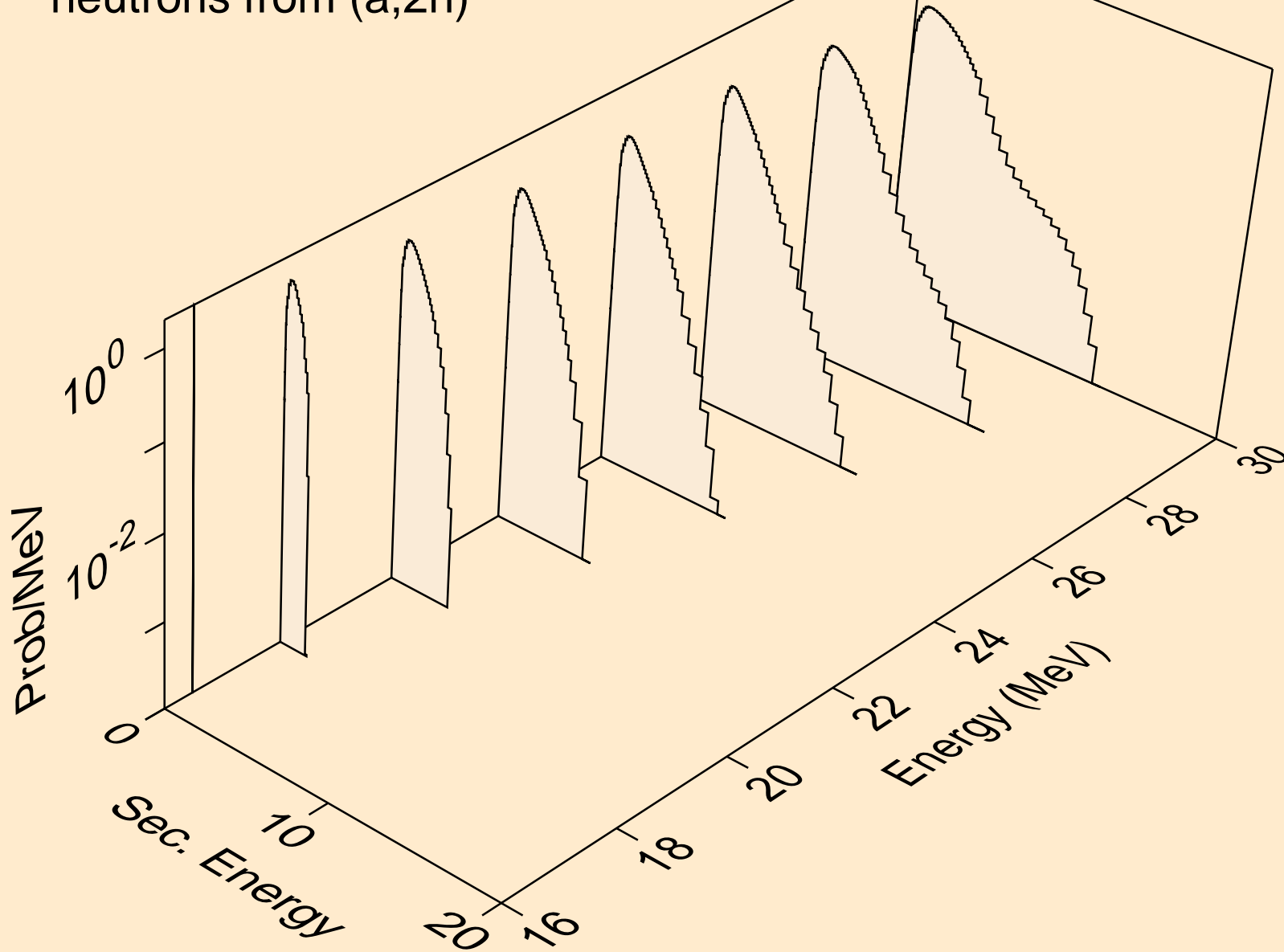
OS190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)



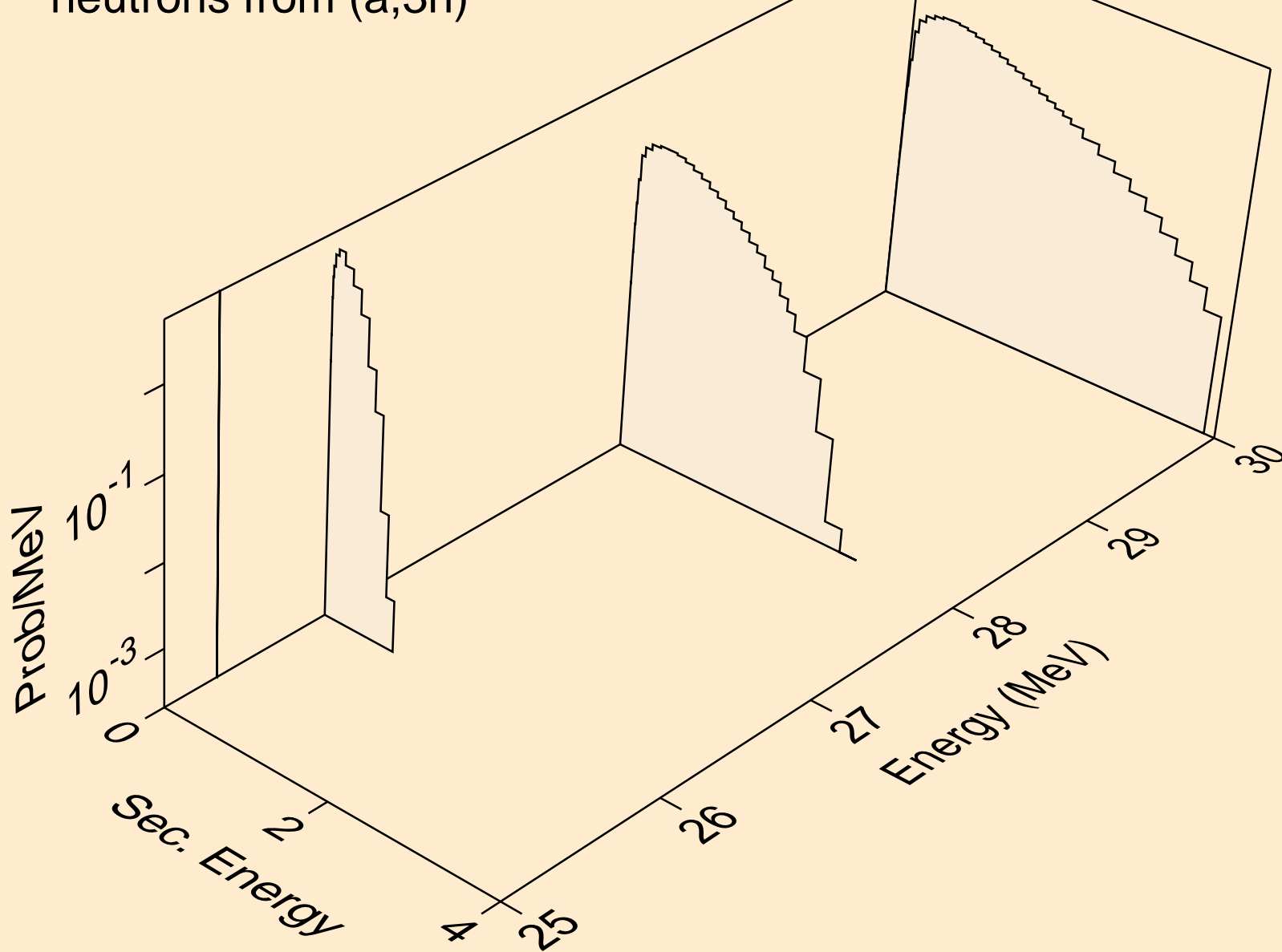
OS190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)



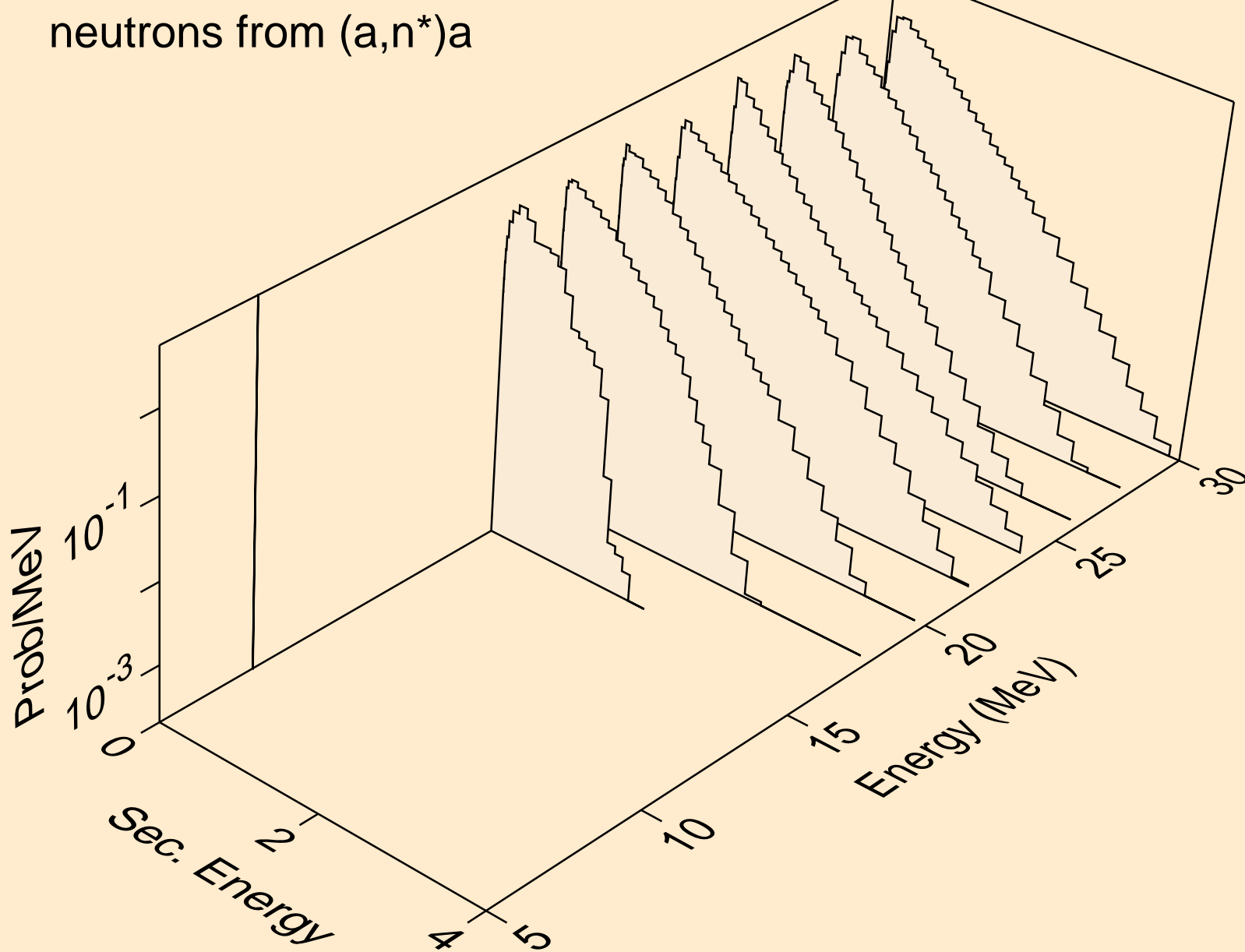
OS190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)



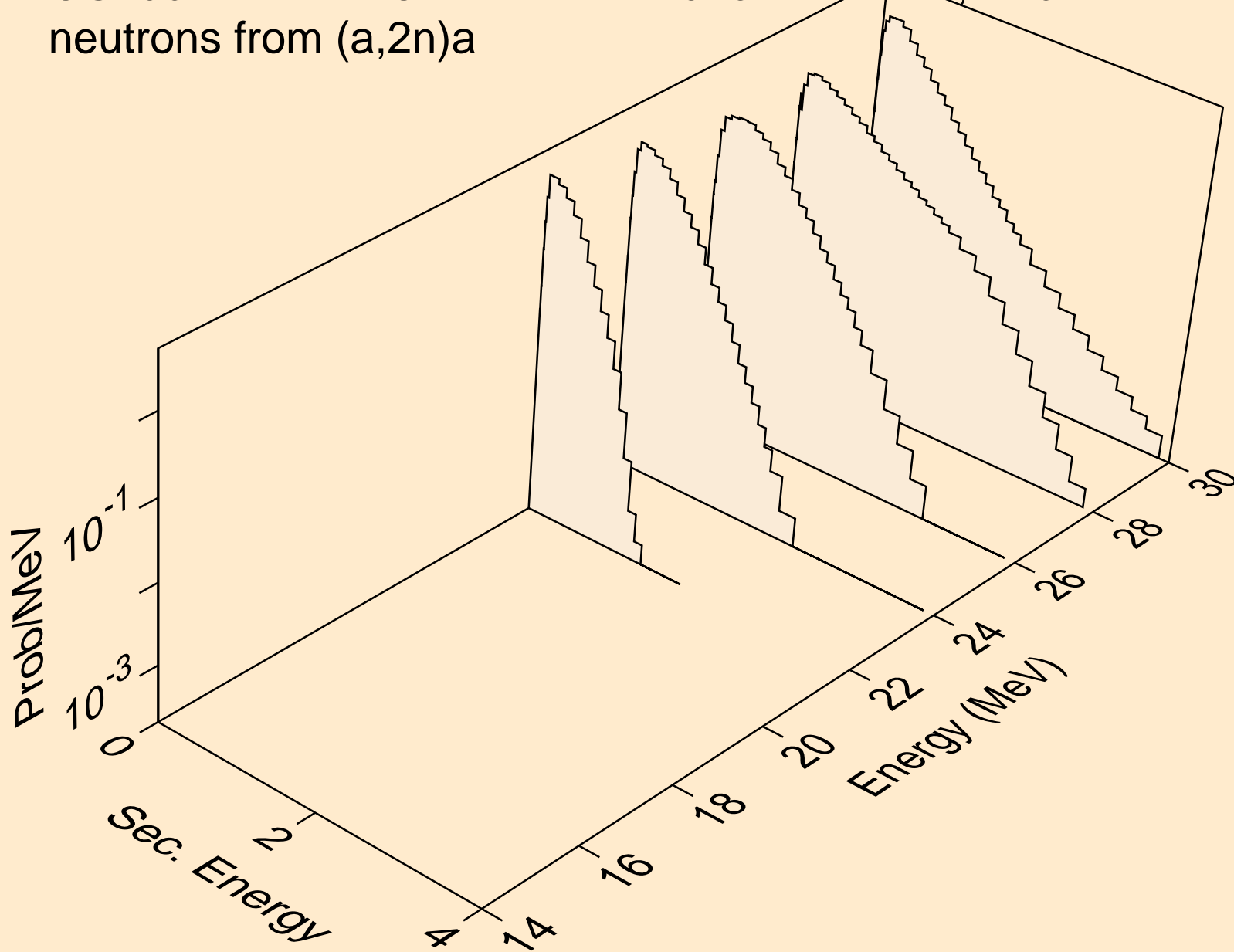
OS190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3n)



OS190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a

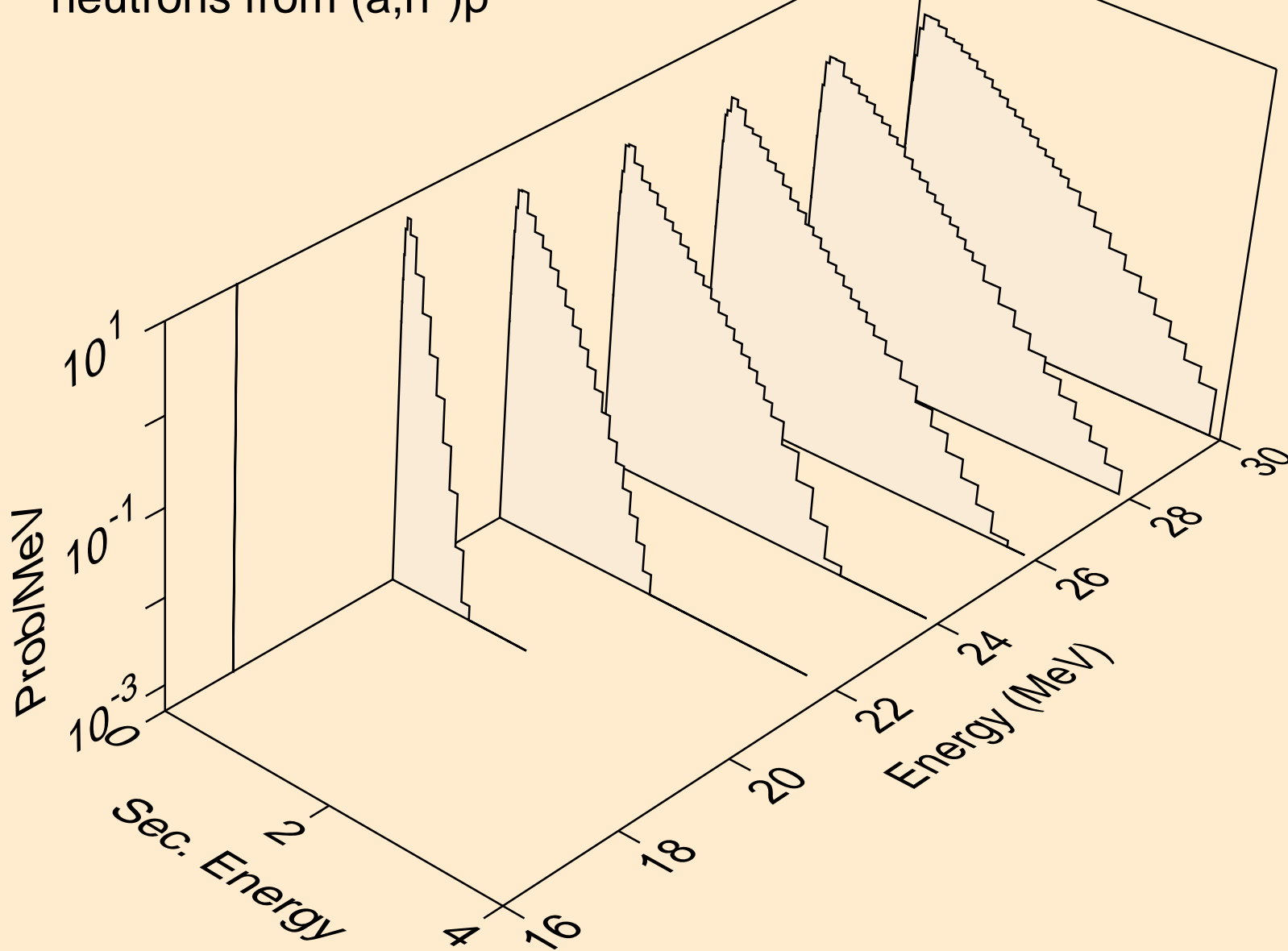


OS190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)a

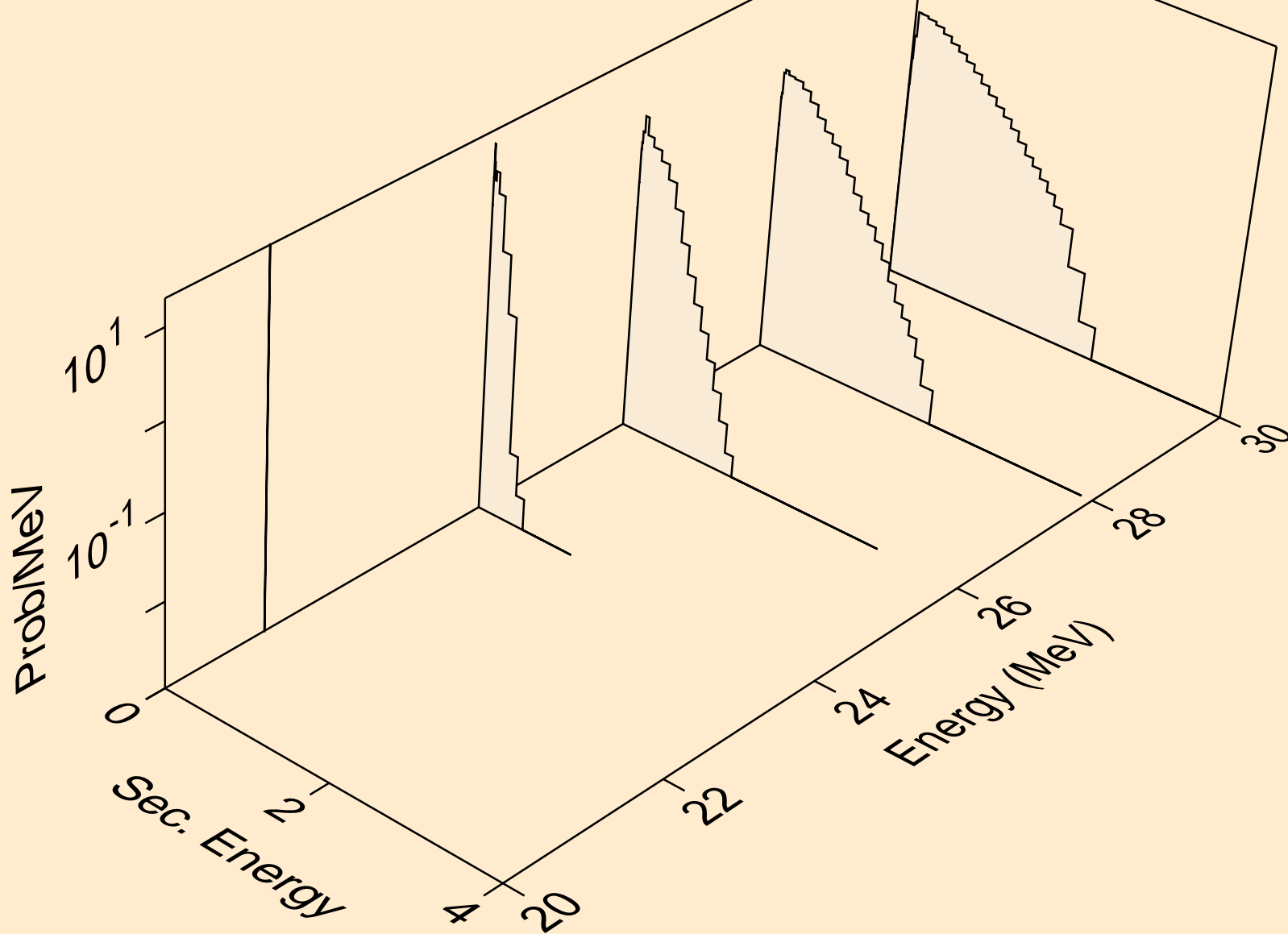




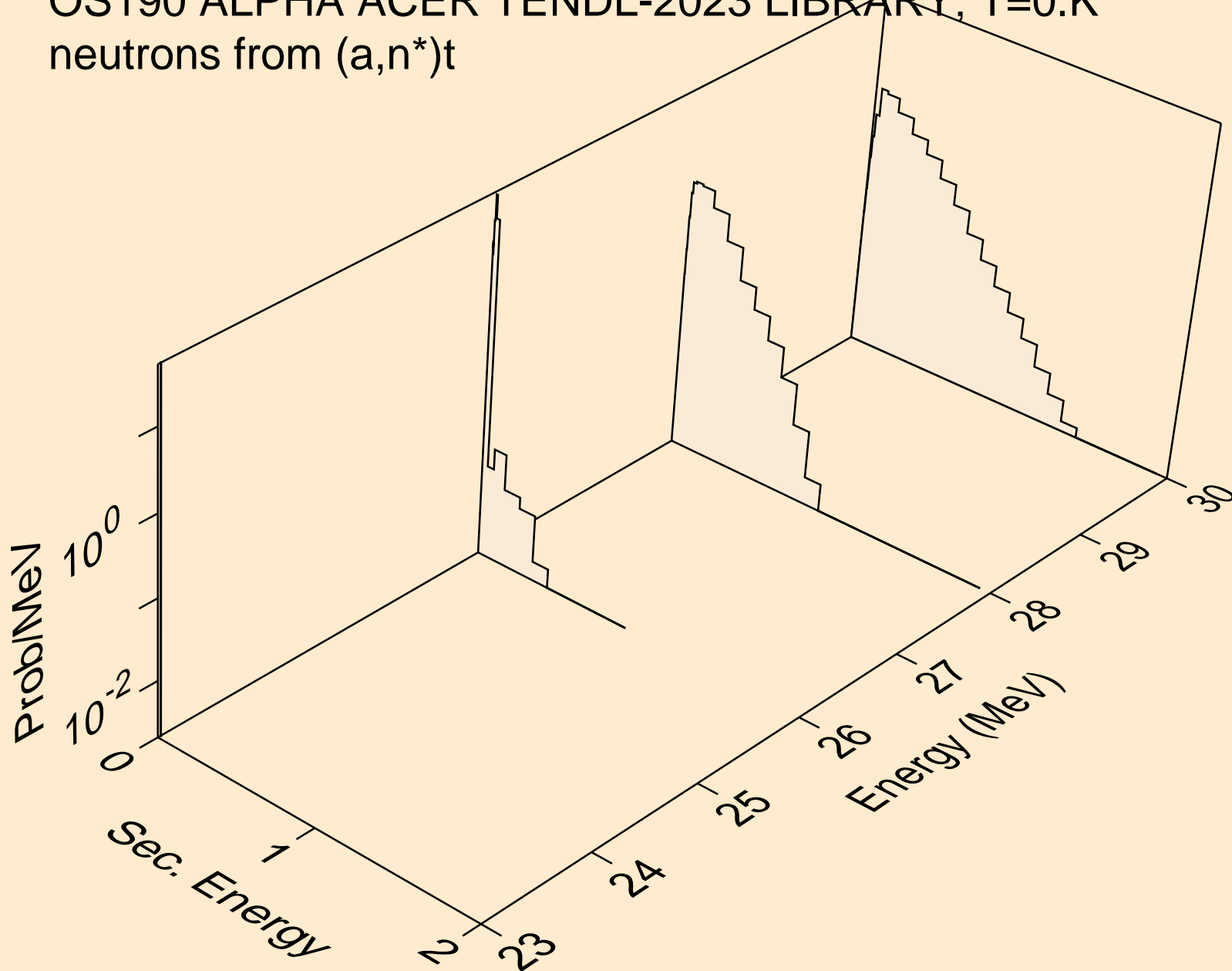
OS190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)p



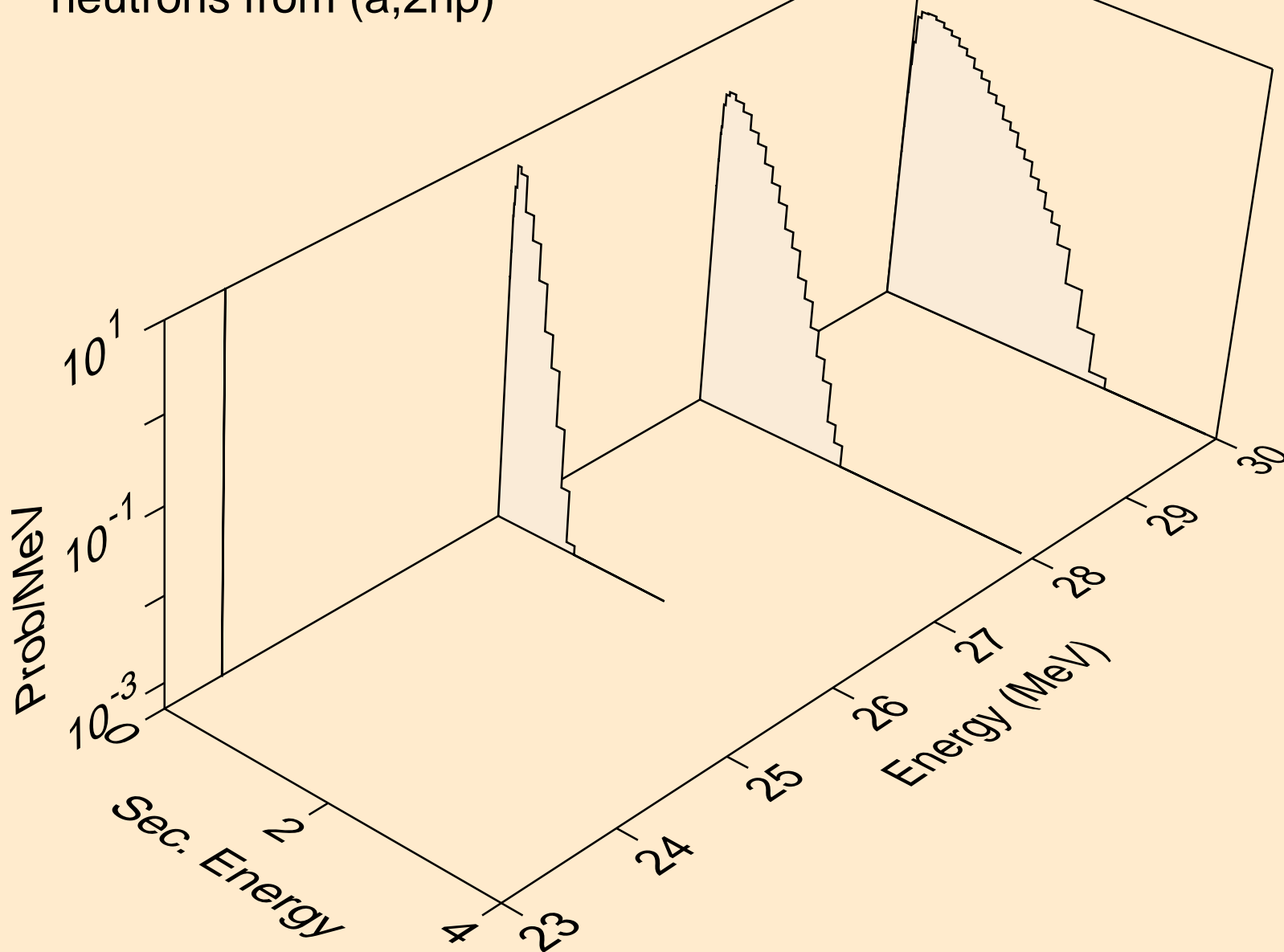
OS190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)d



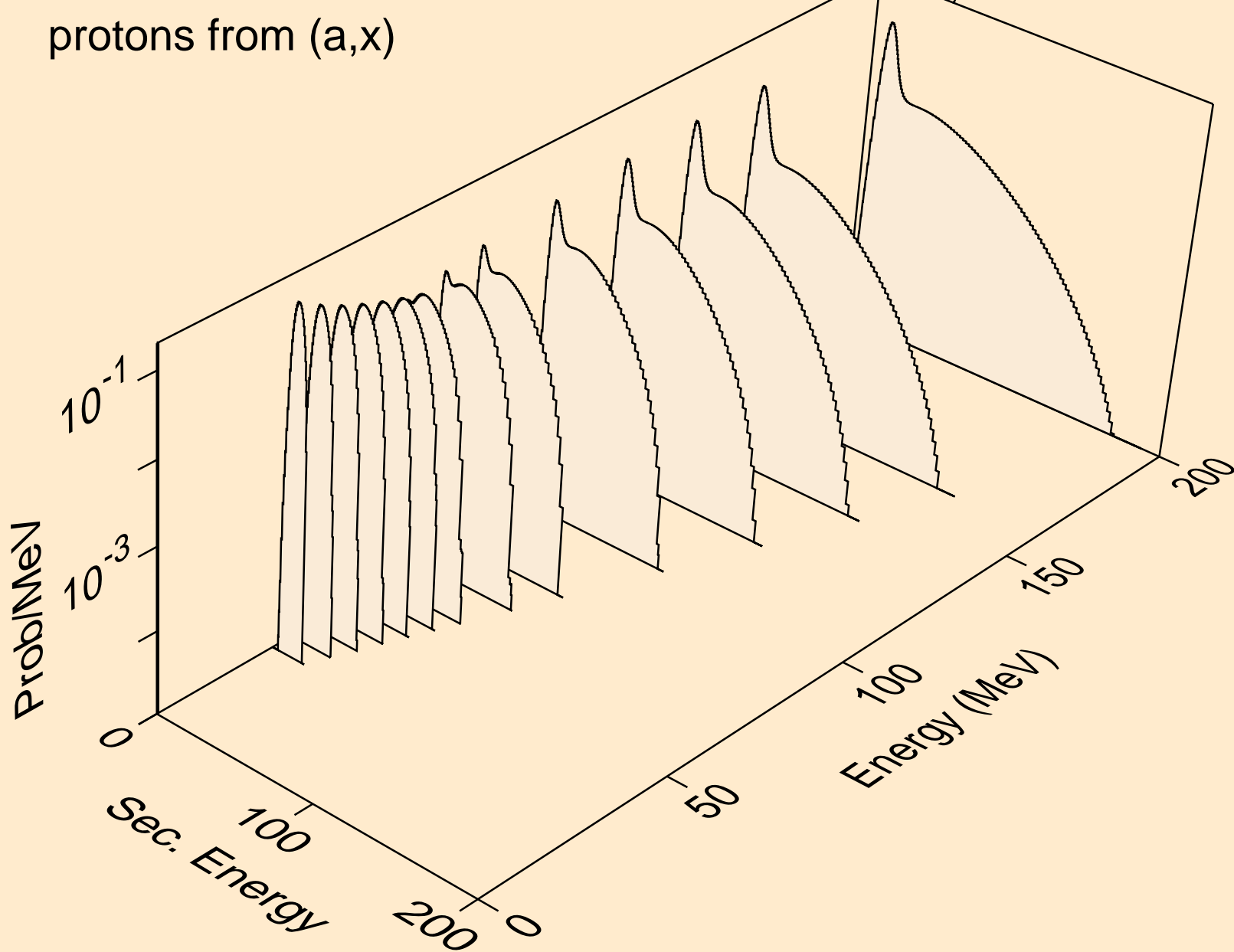
OS190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)t



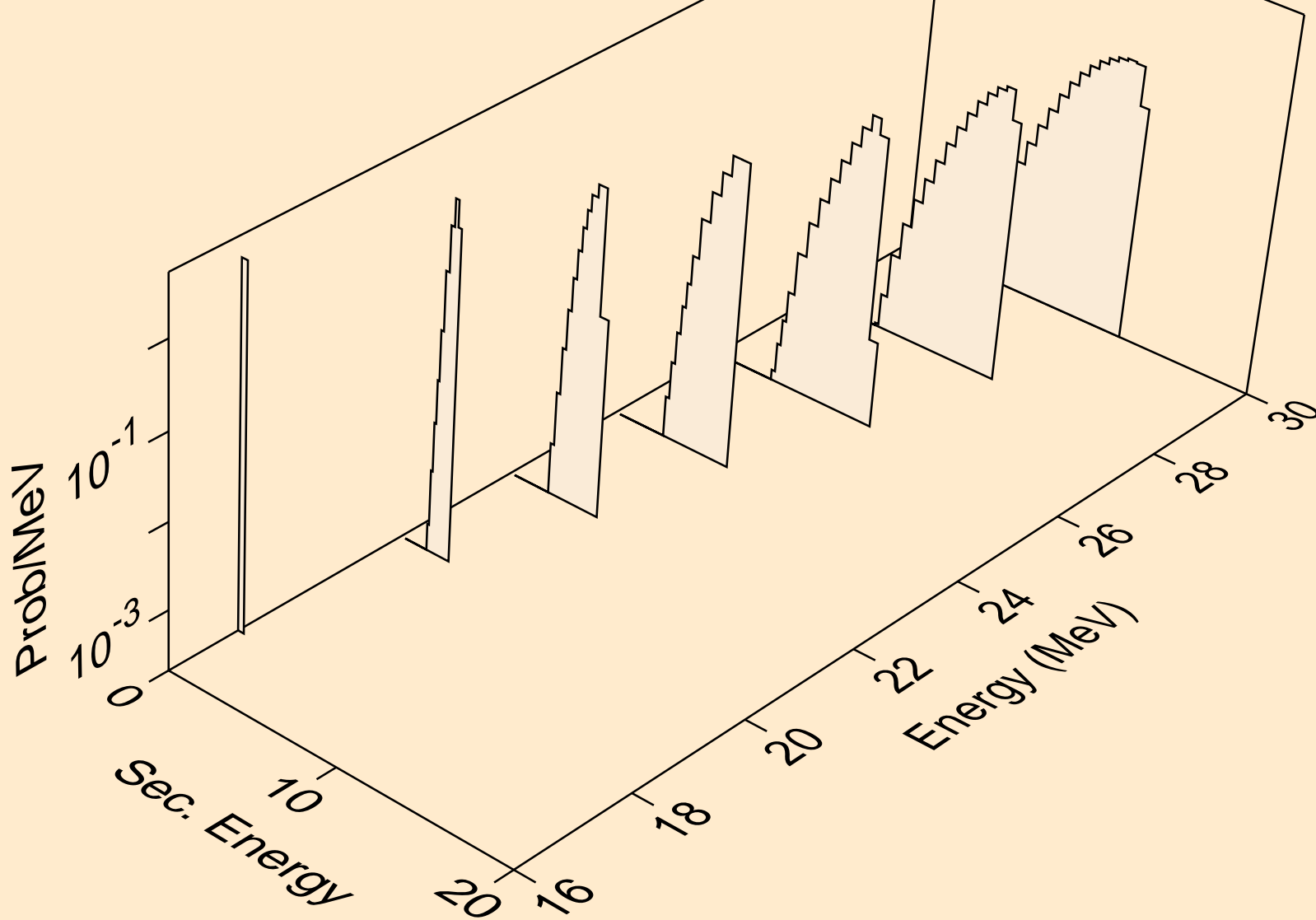
OS190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2np)



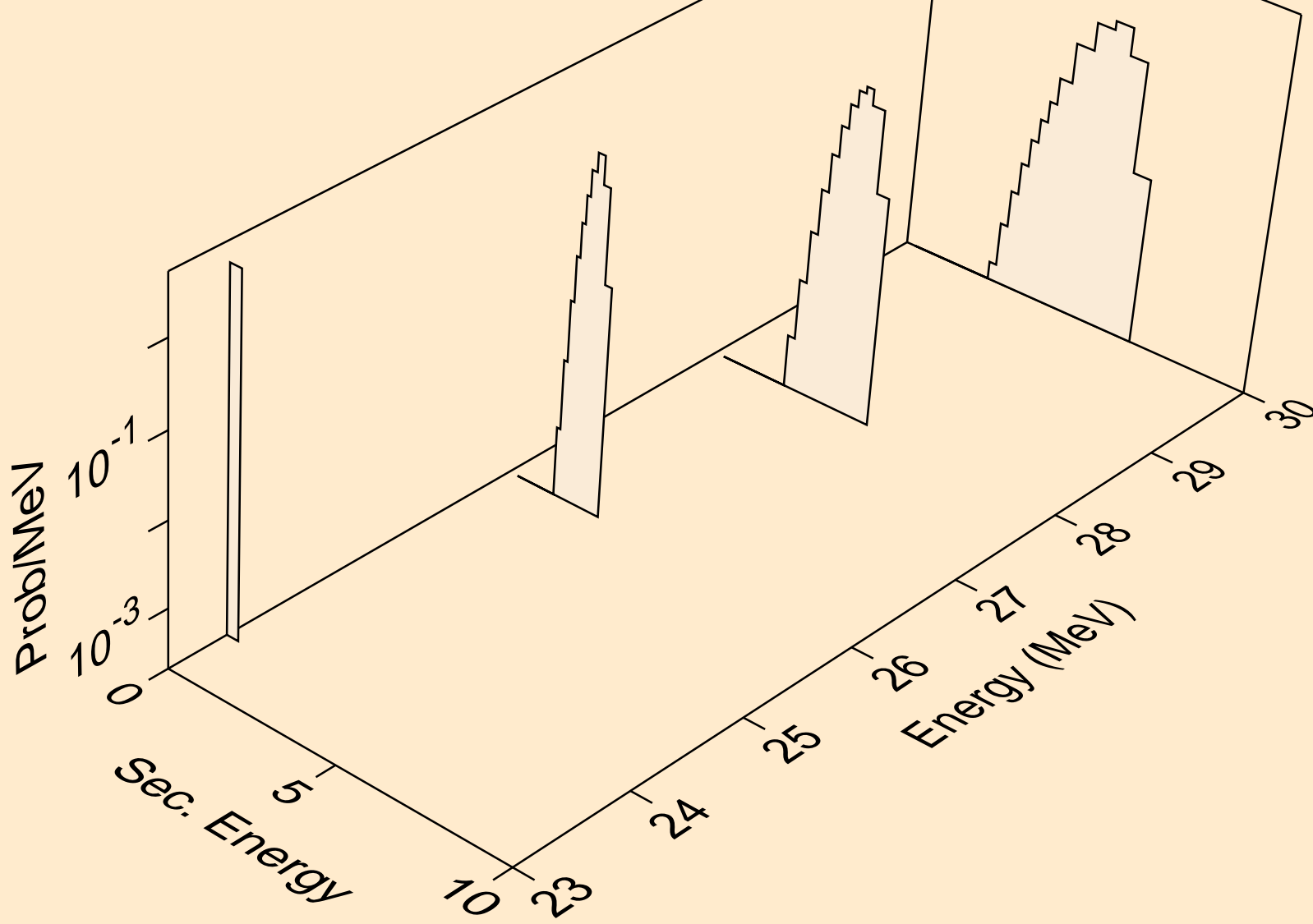
OS190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,x)



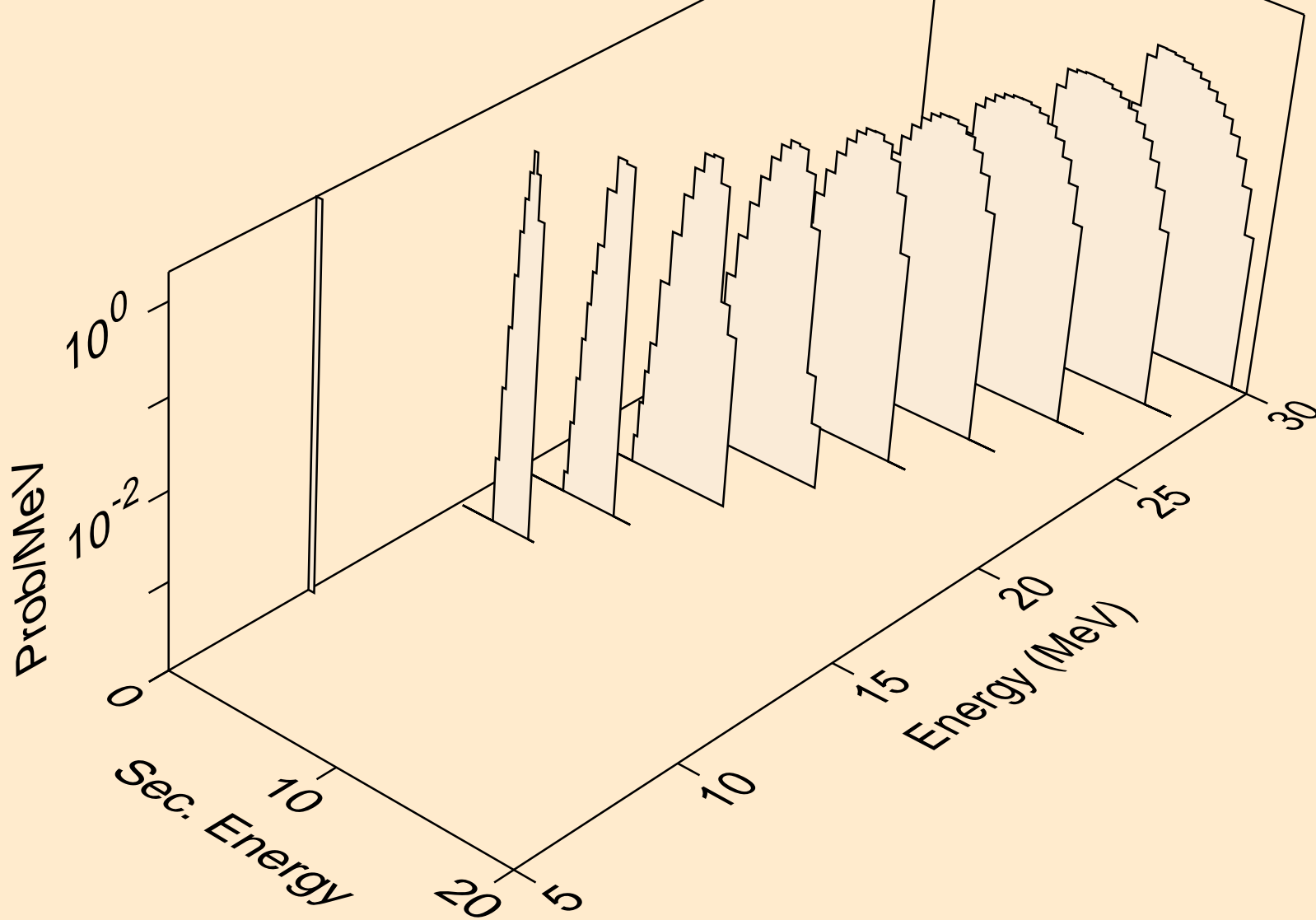
OS190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n\*)p



OS190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2np)

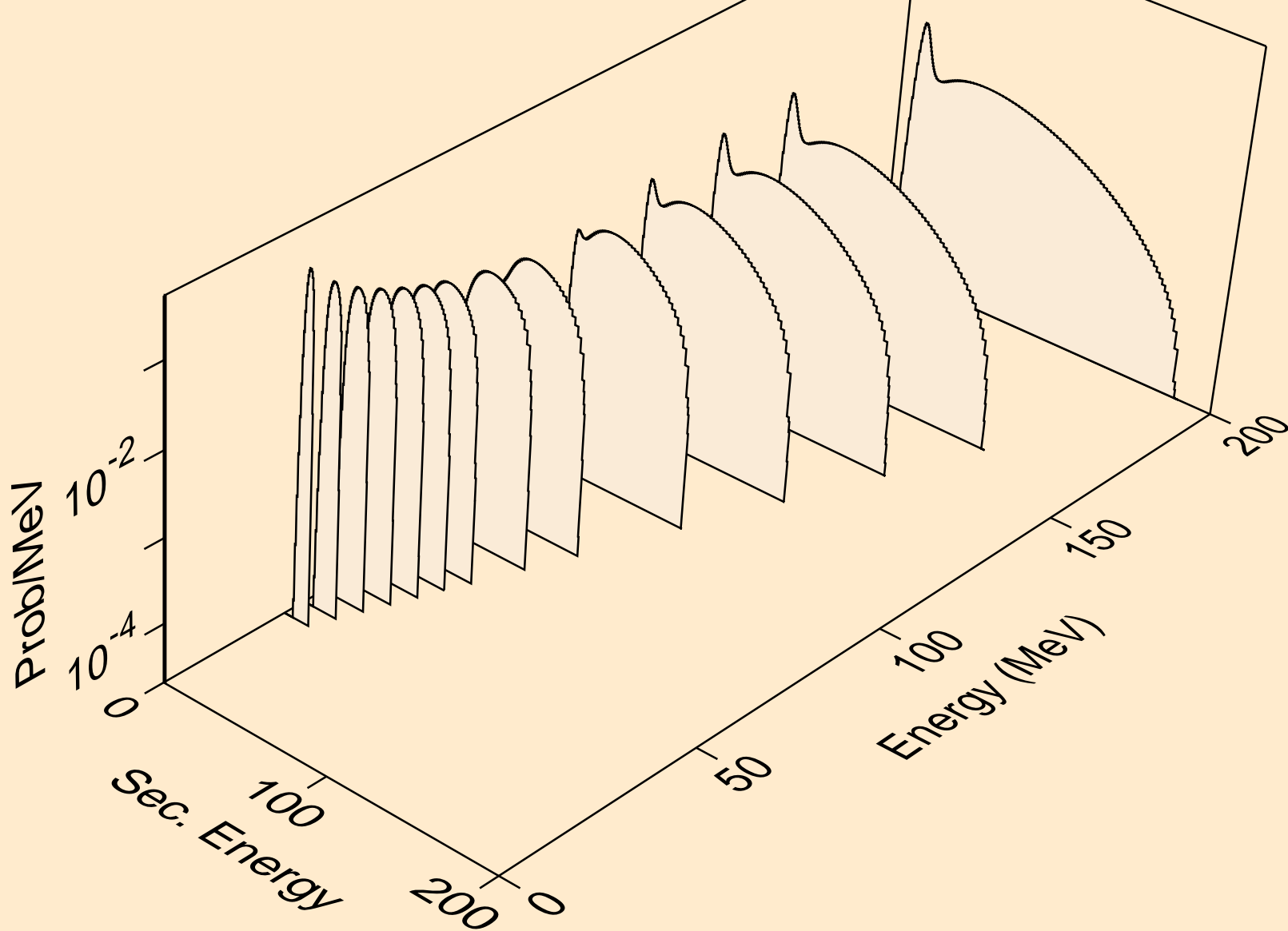


OS190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,p)

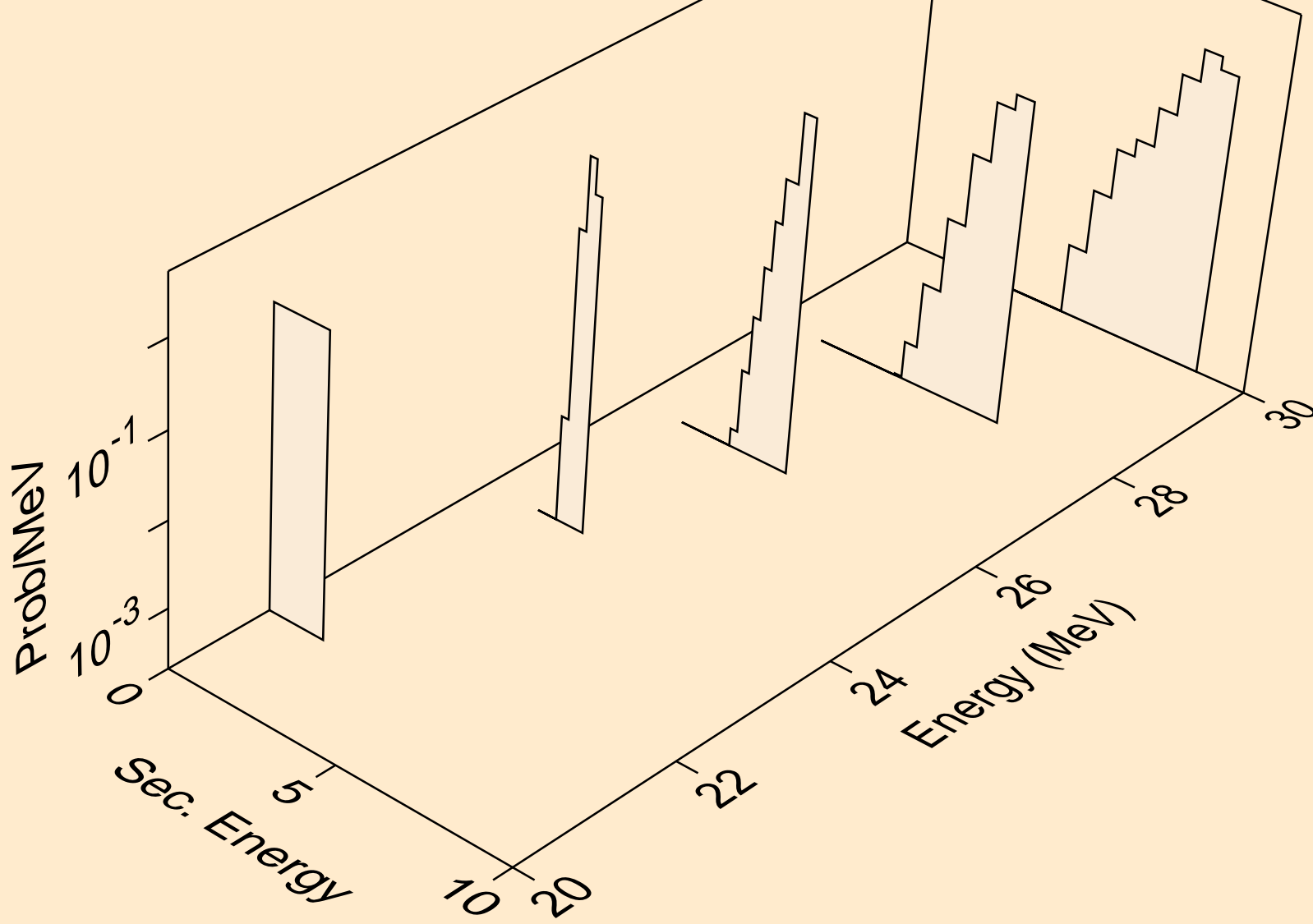




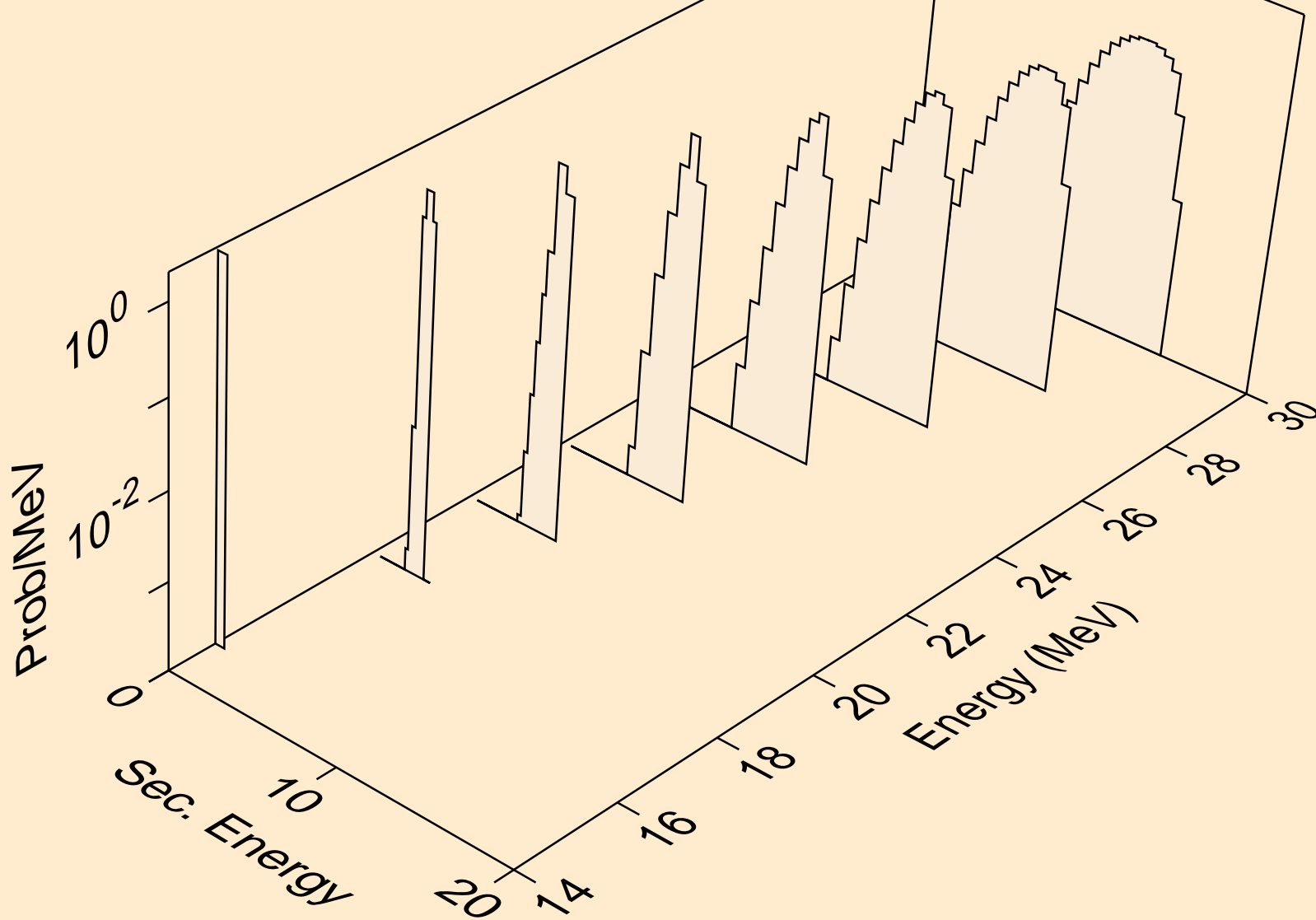
OS190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)



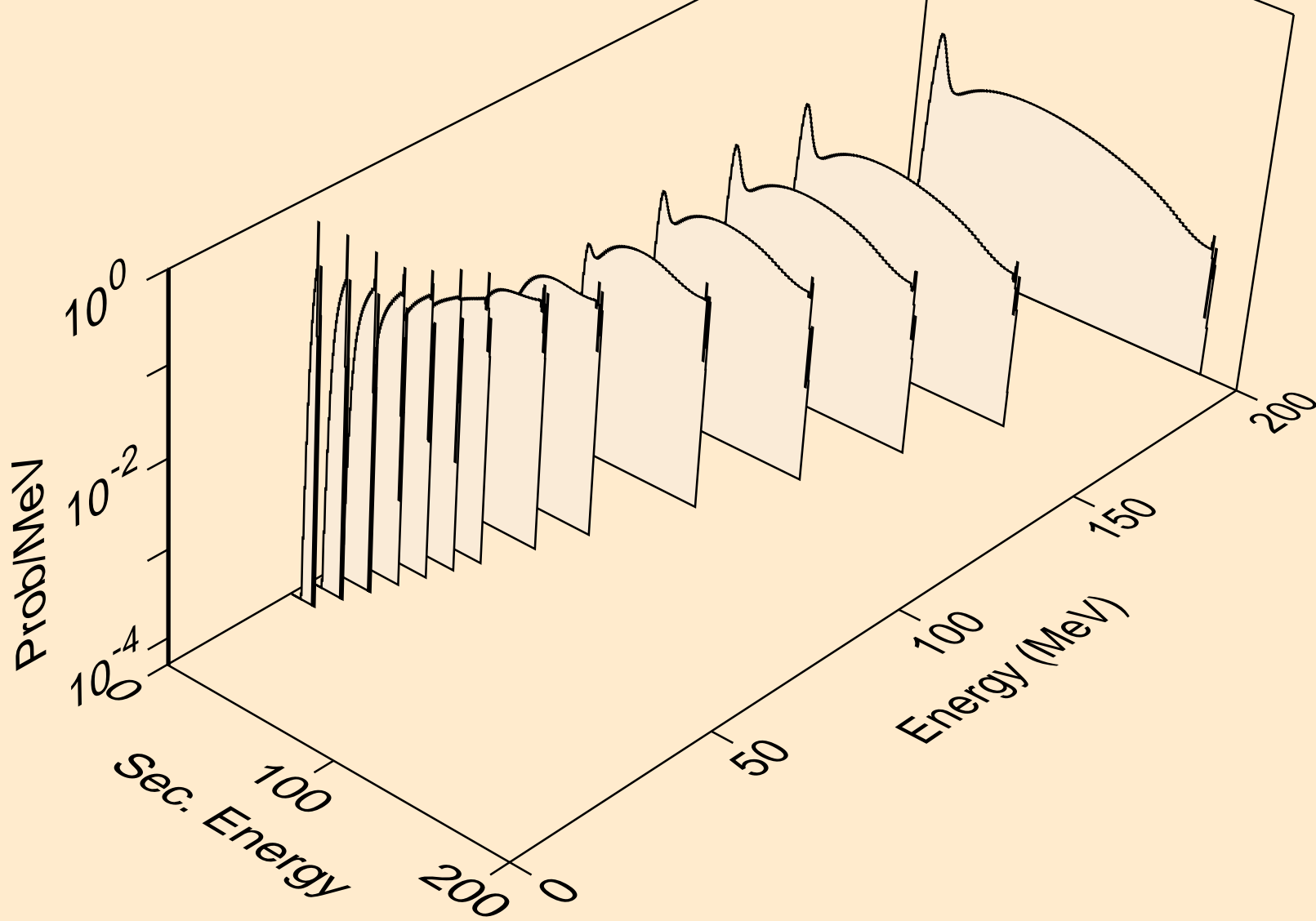
OS190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,n\*)d



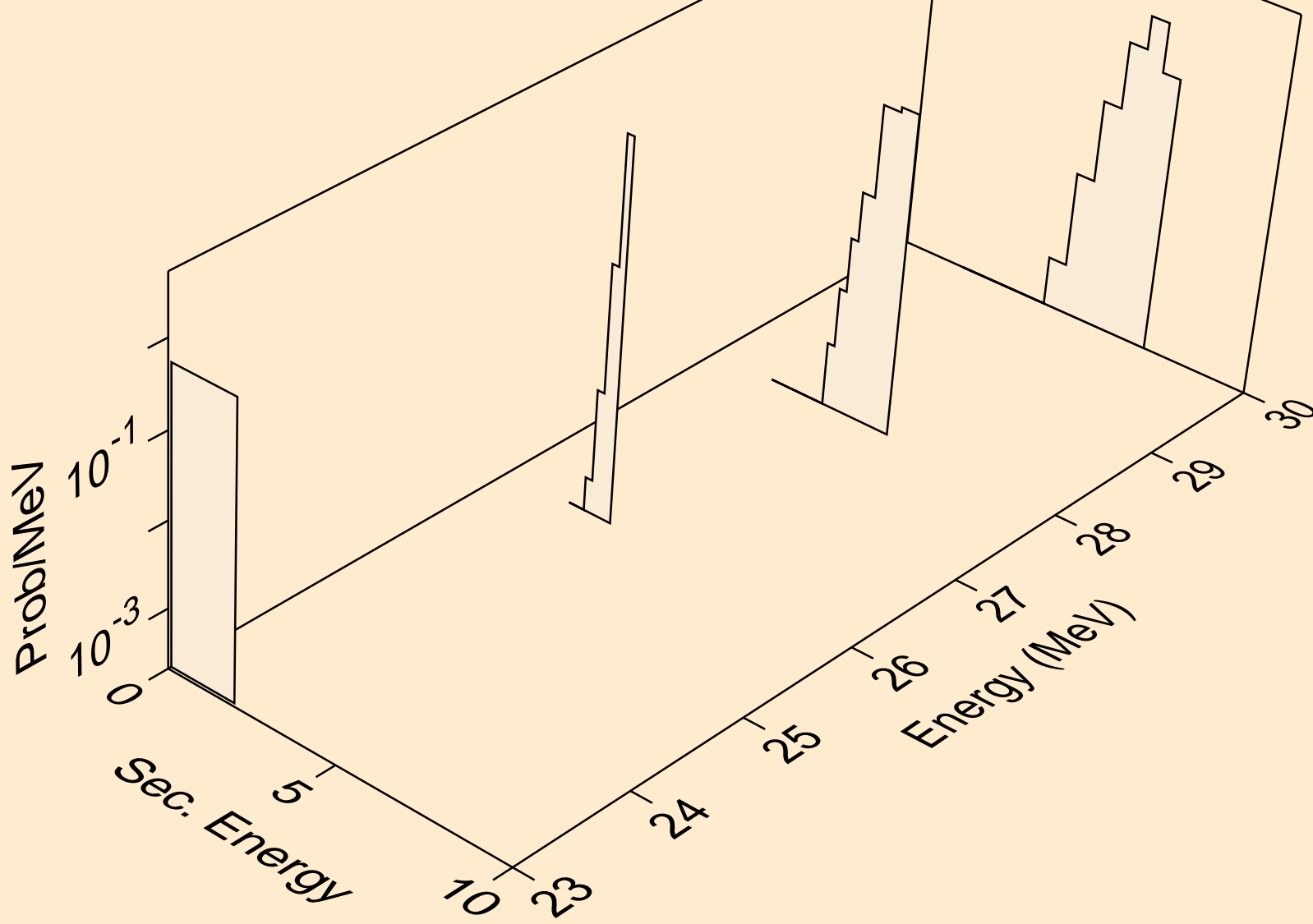
OS190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,d)



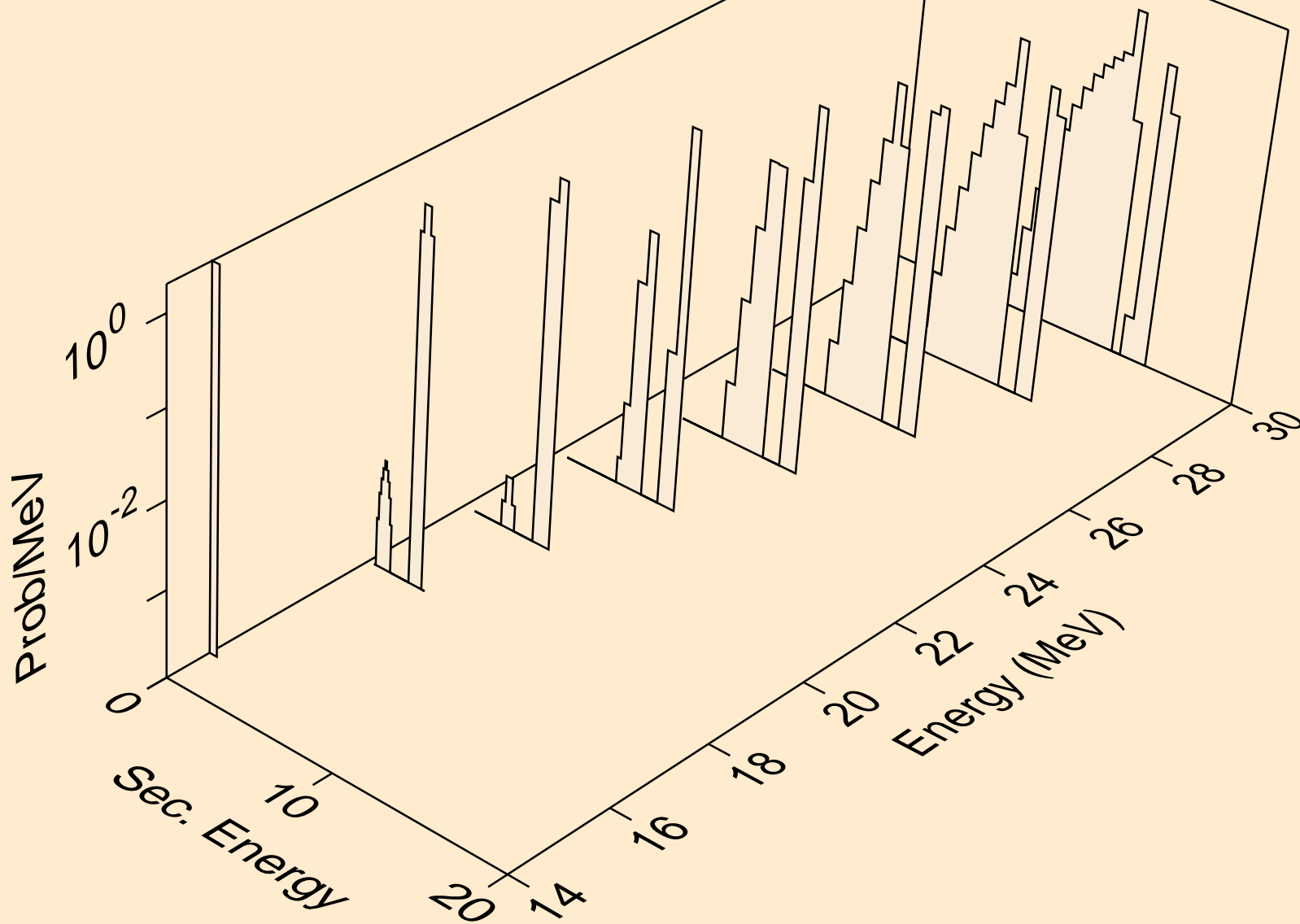
OS190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)



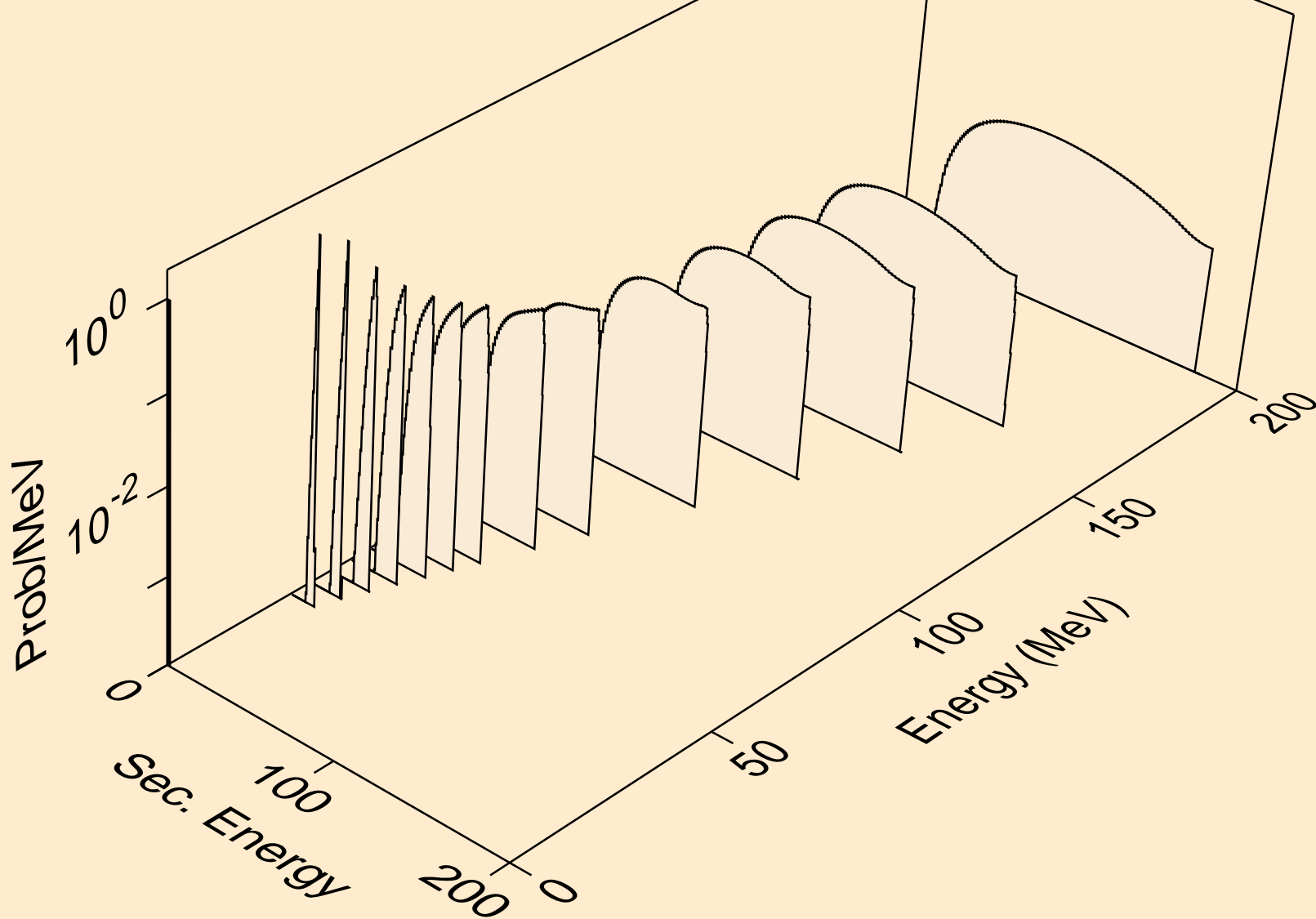
OS190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,n\*)t



OS190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)



OS190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



OS190 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

