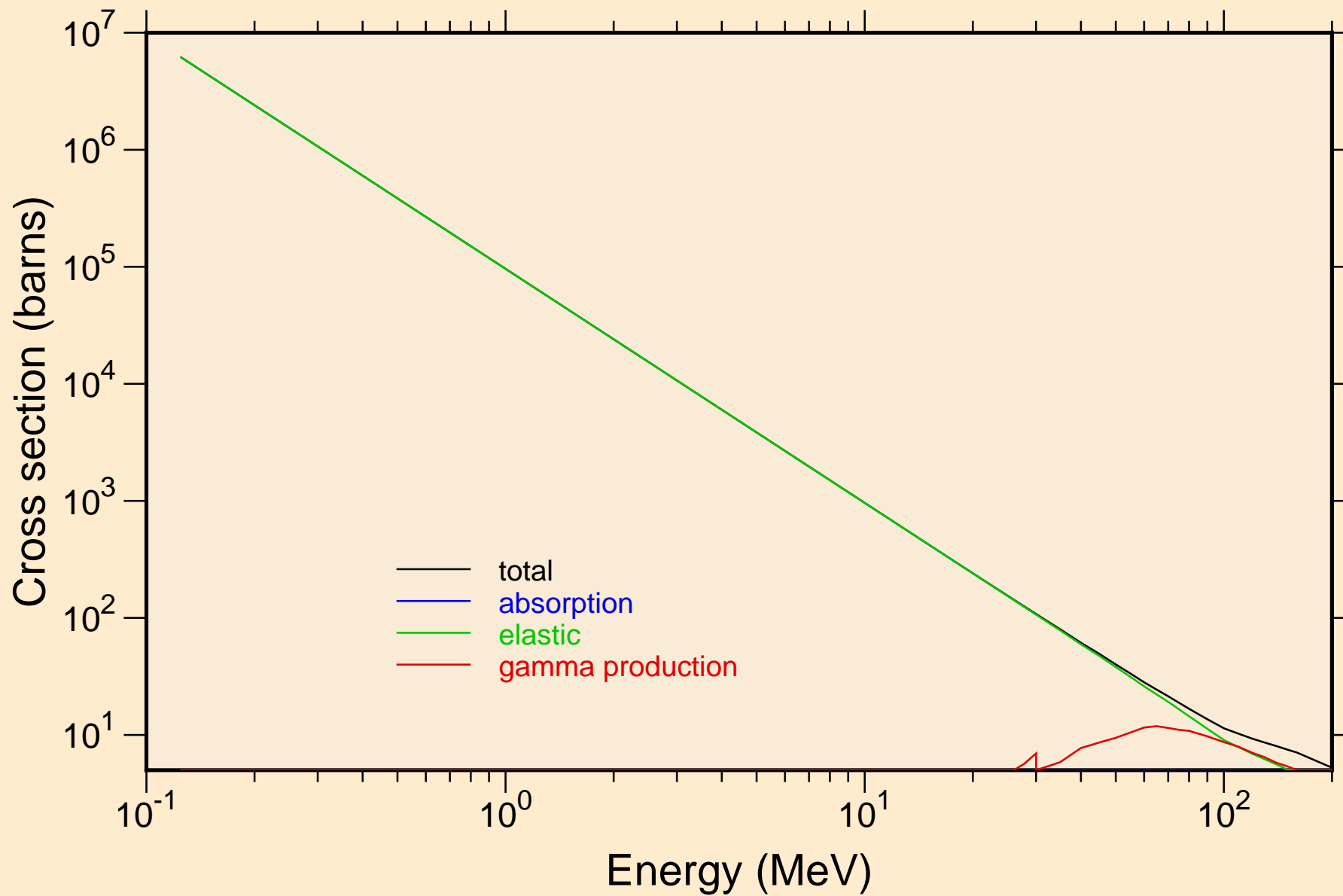


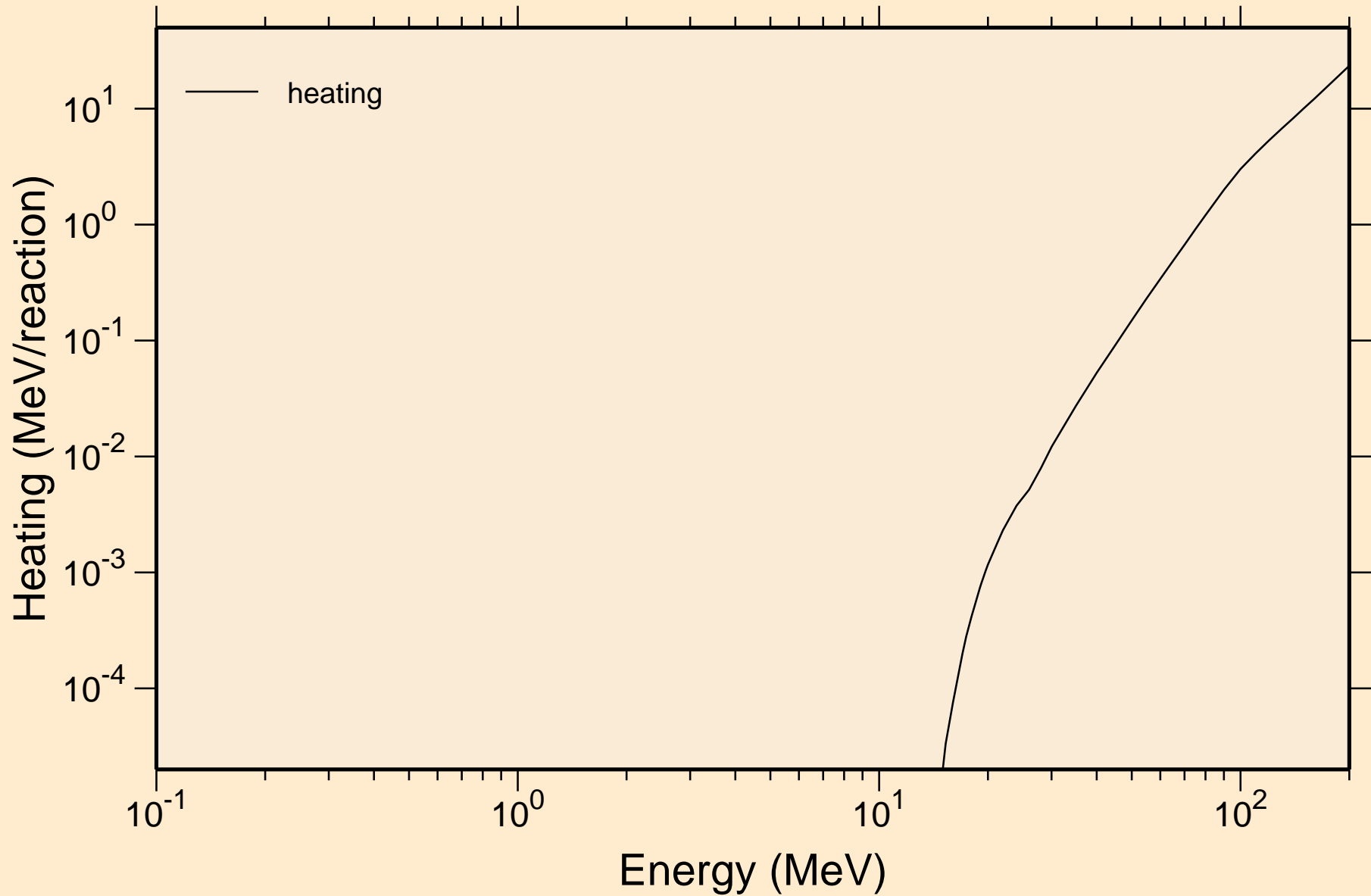
# PM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections



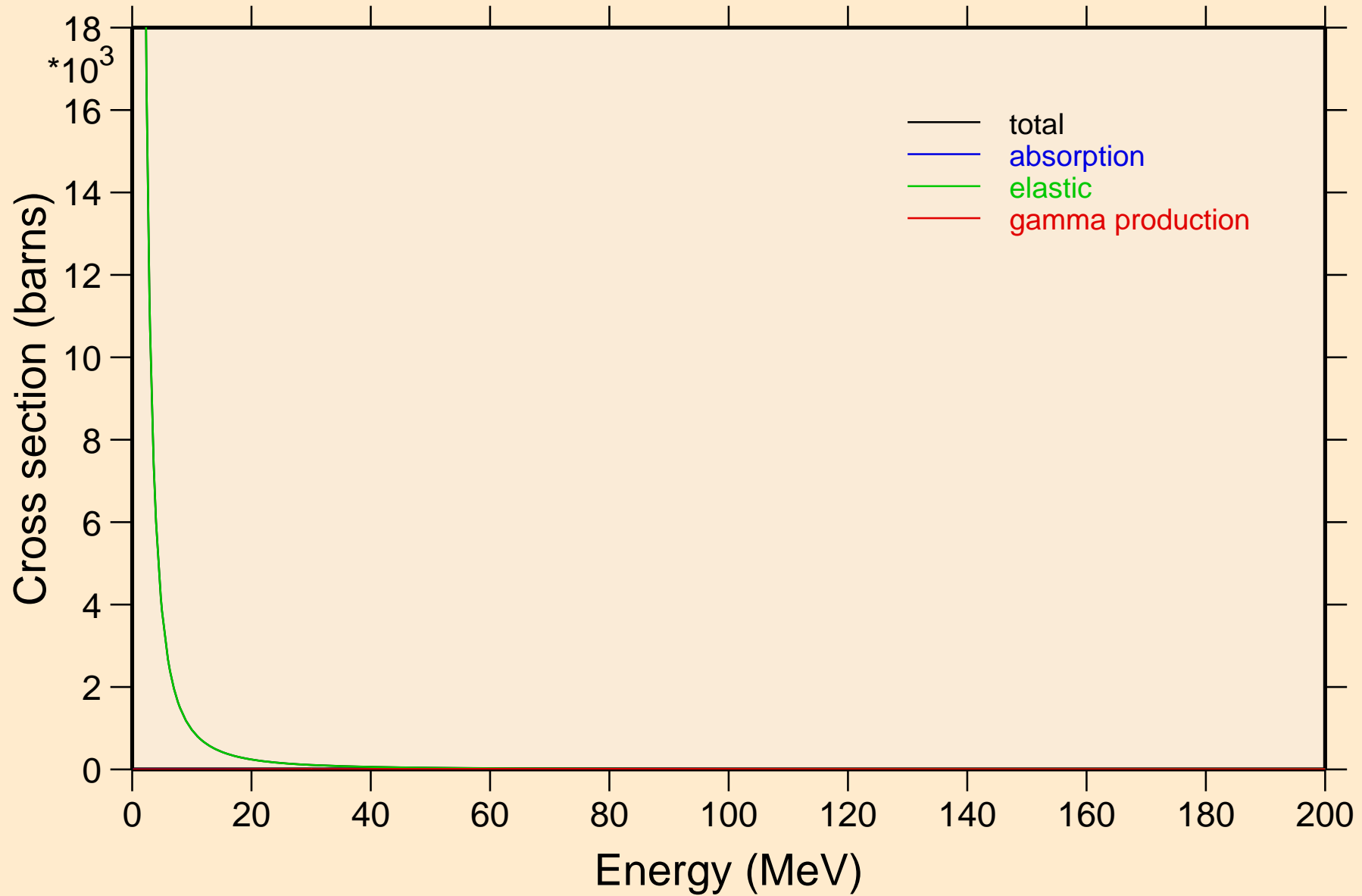
# PM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Heating



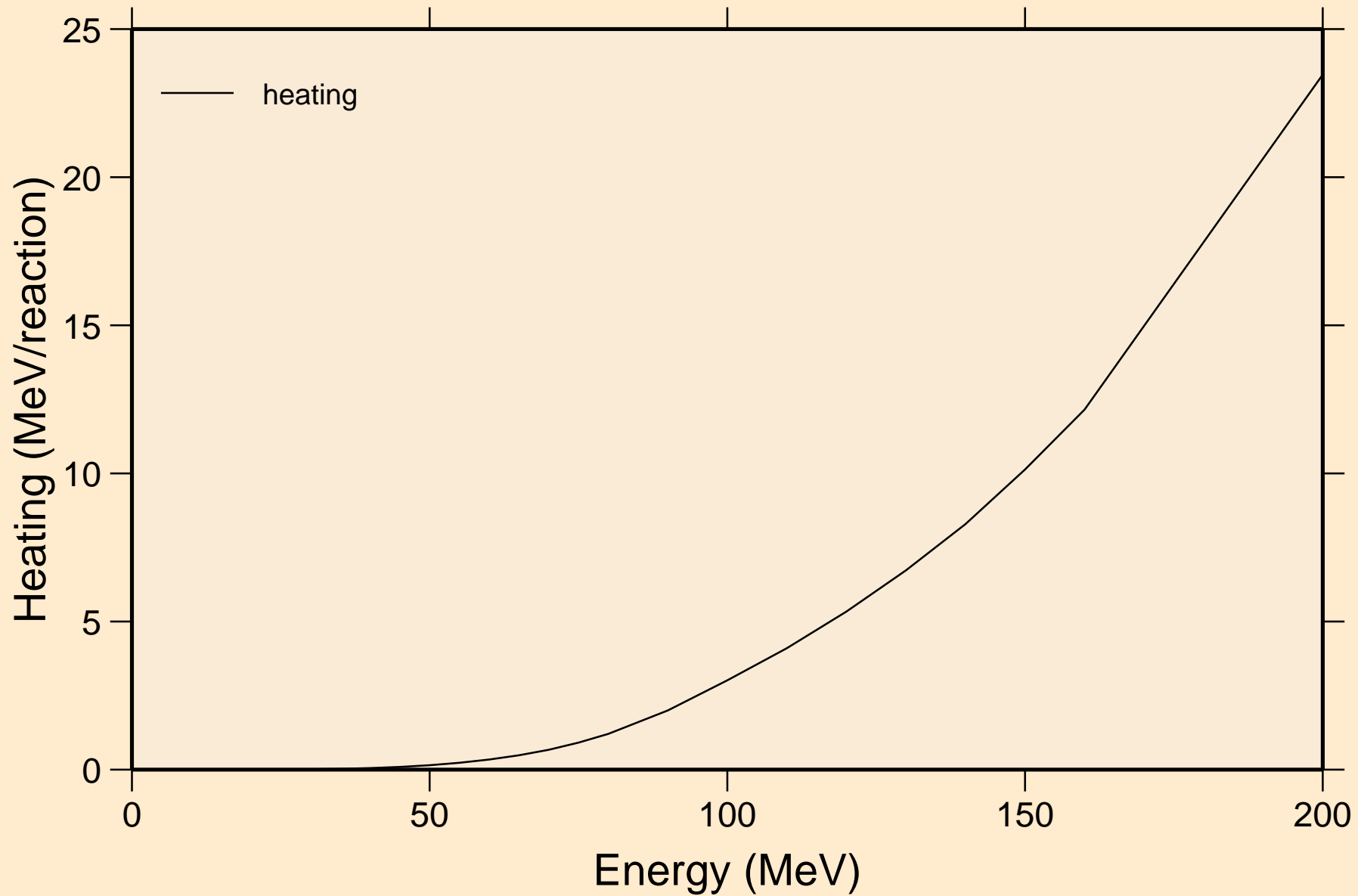
# PM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

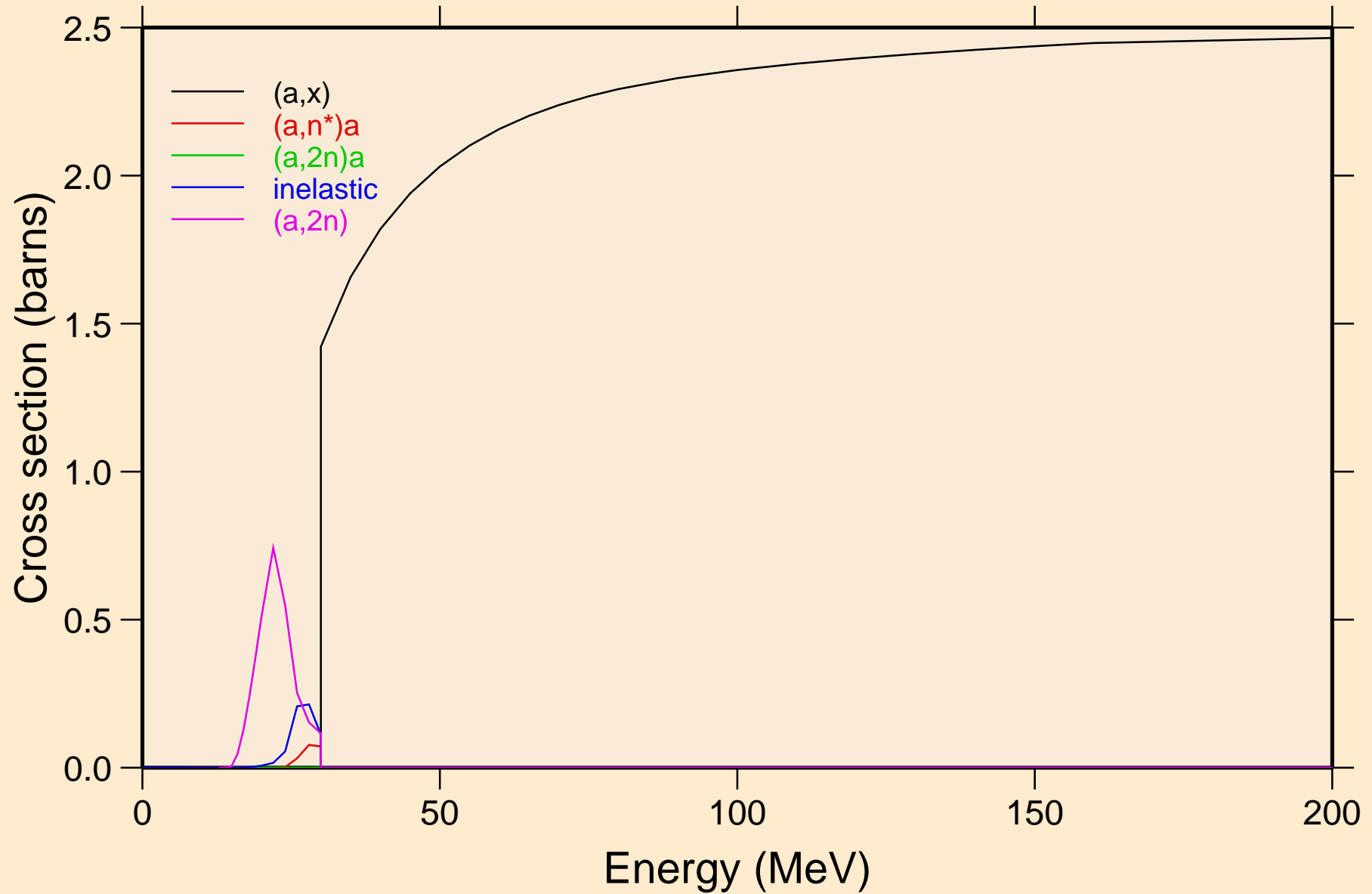


PM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

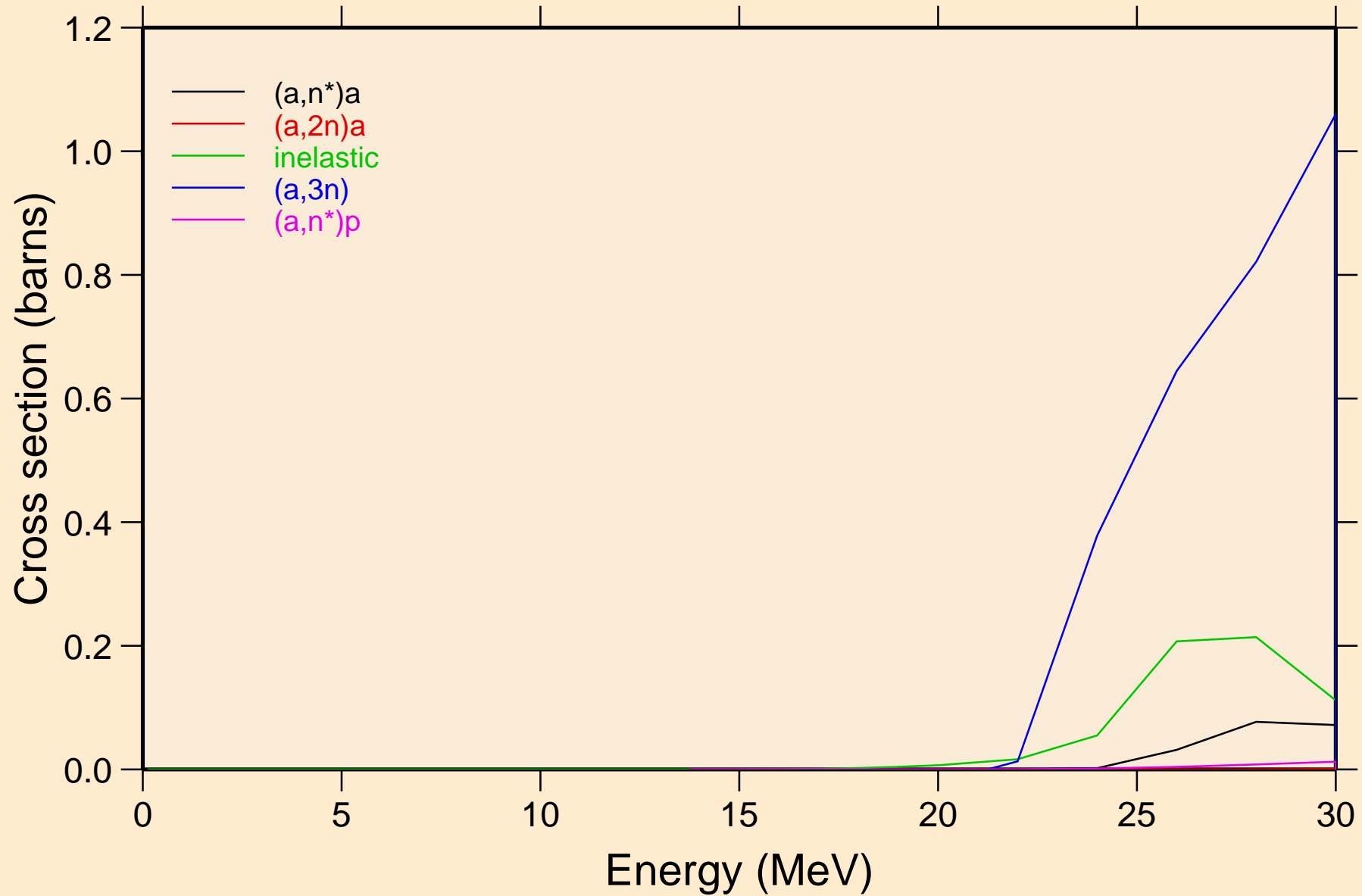
Heating



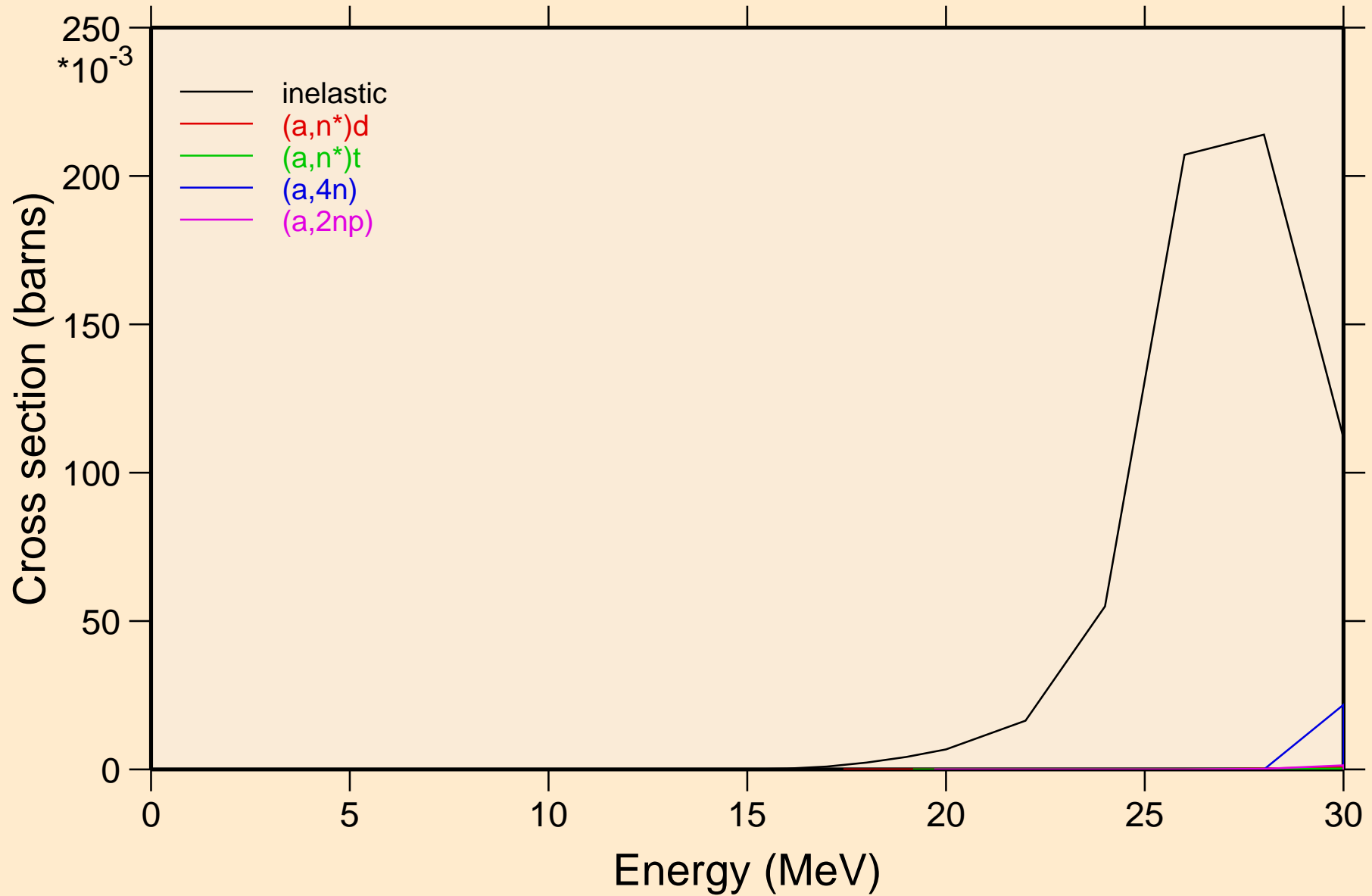
PM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



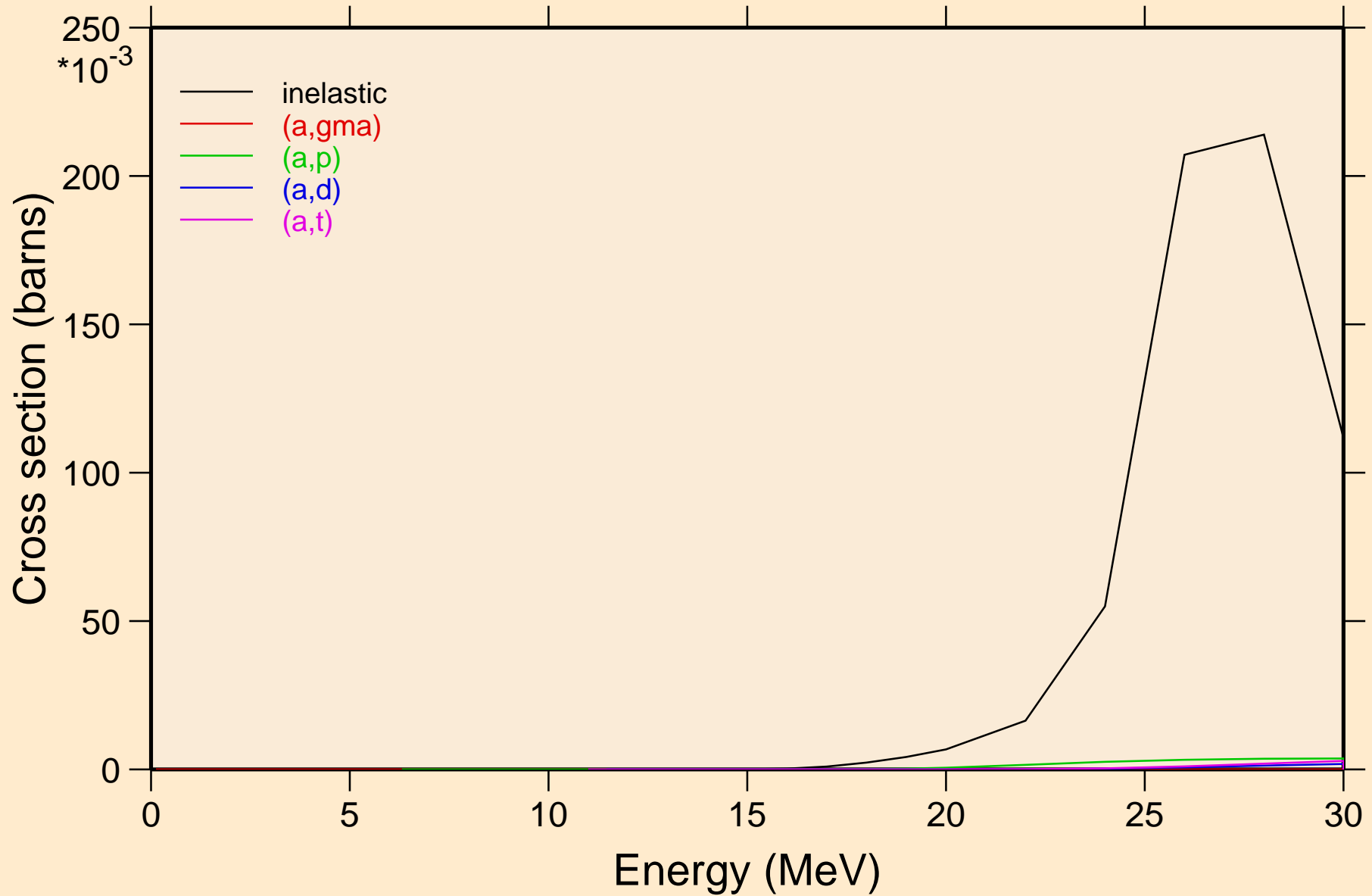
PM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



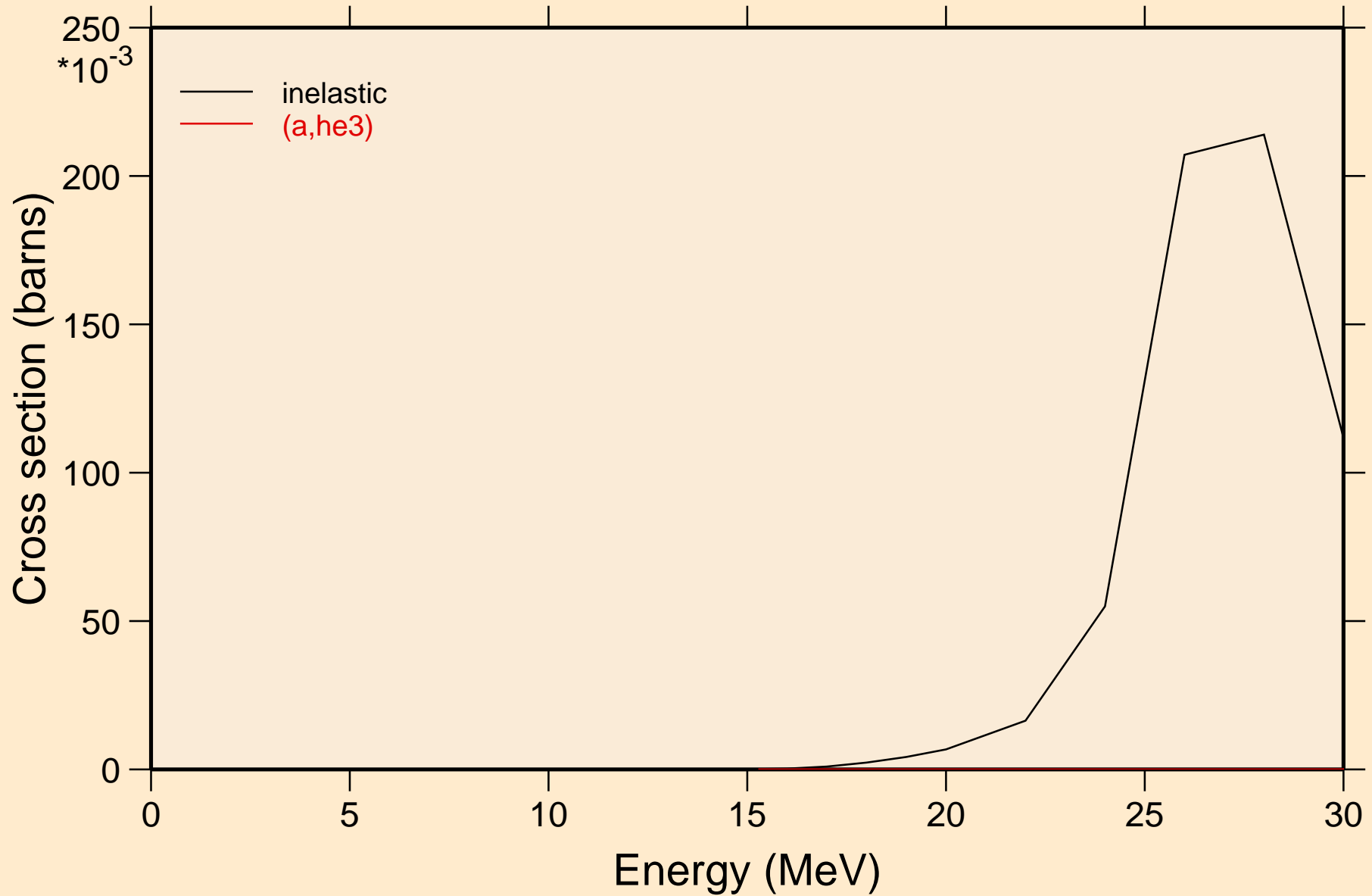
PM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



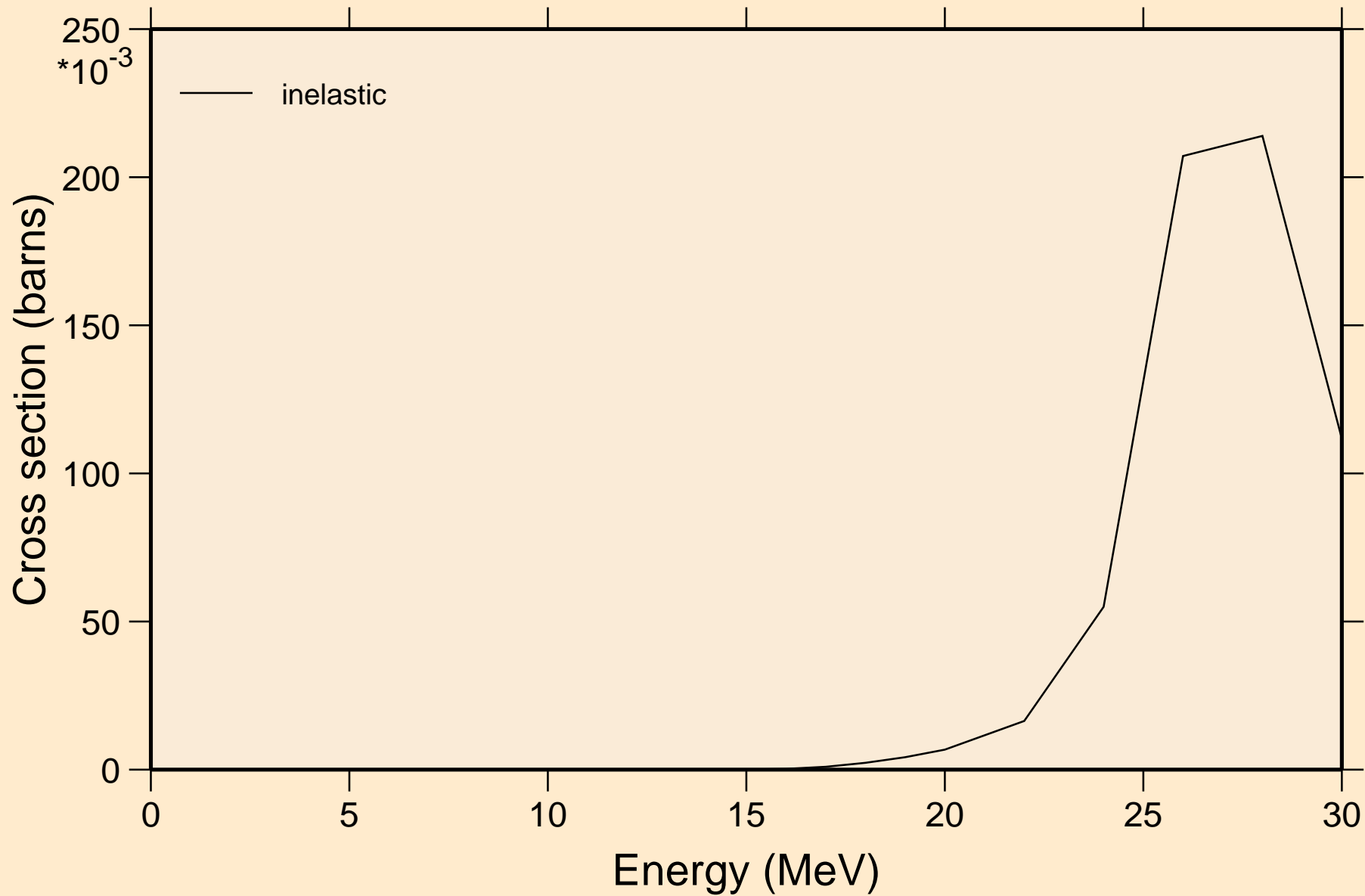
PM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



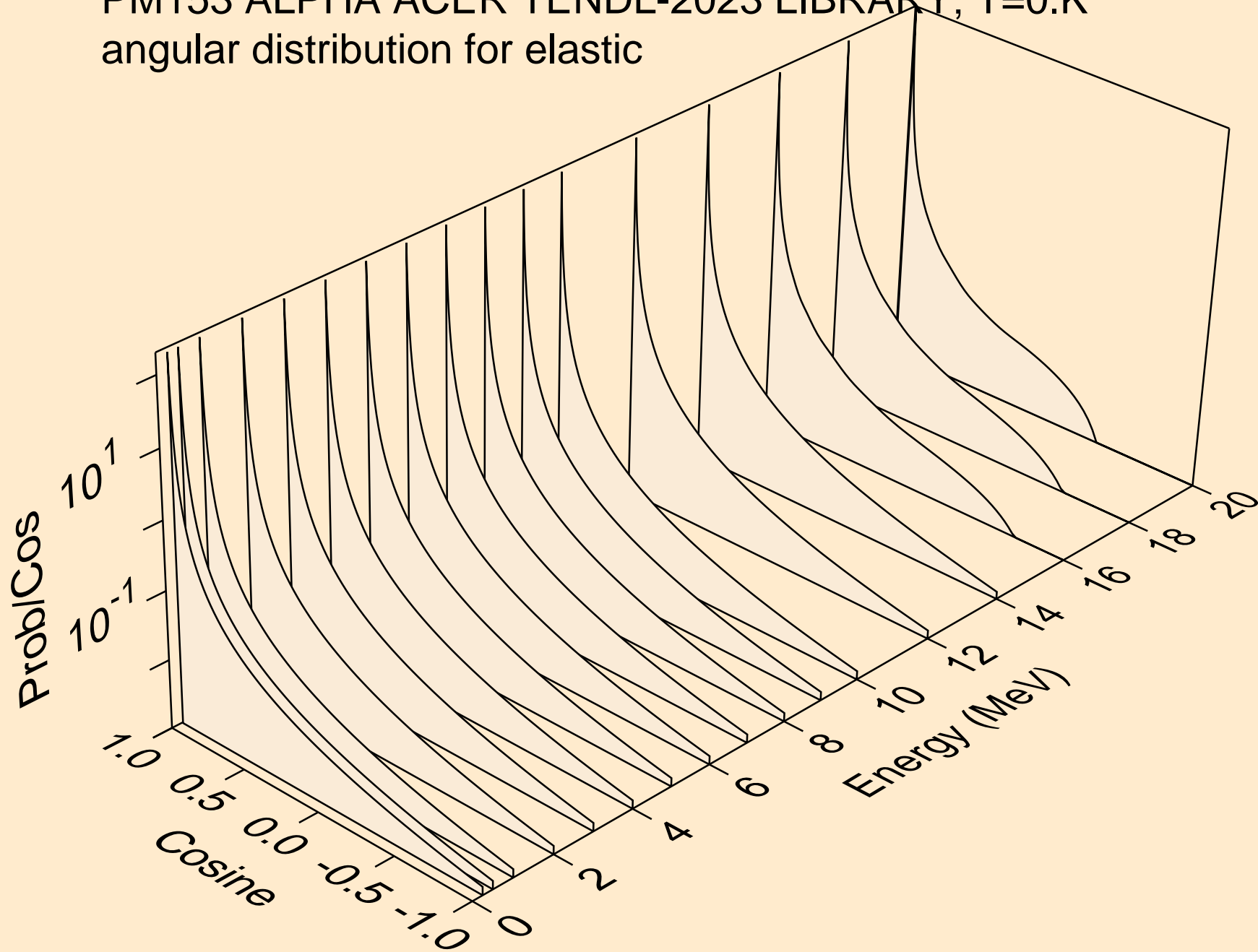
PM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



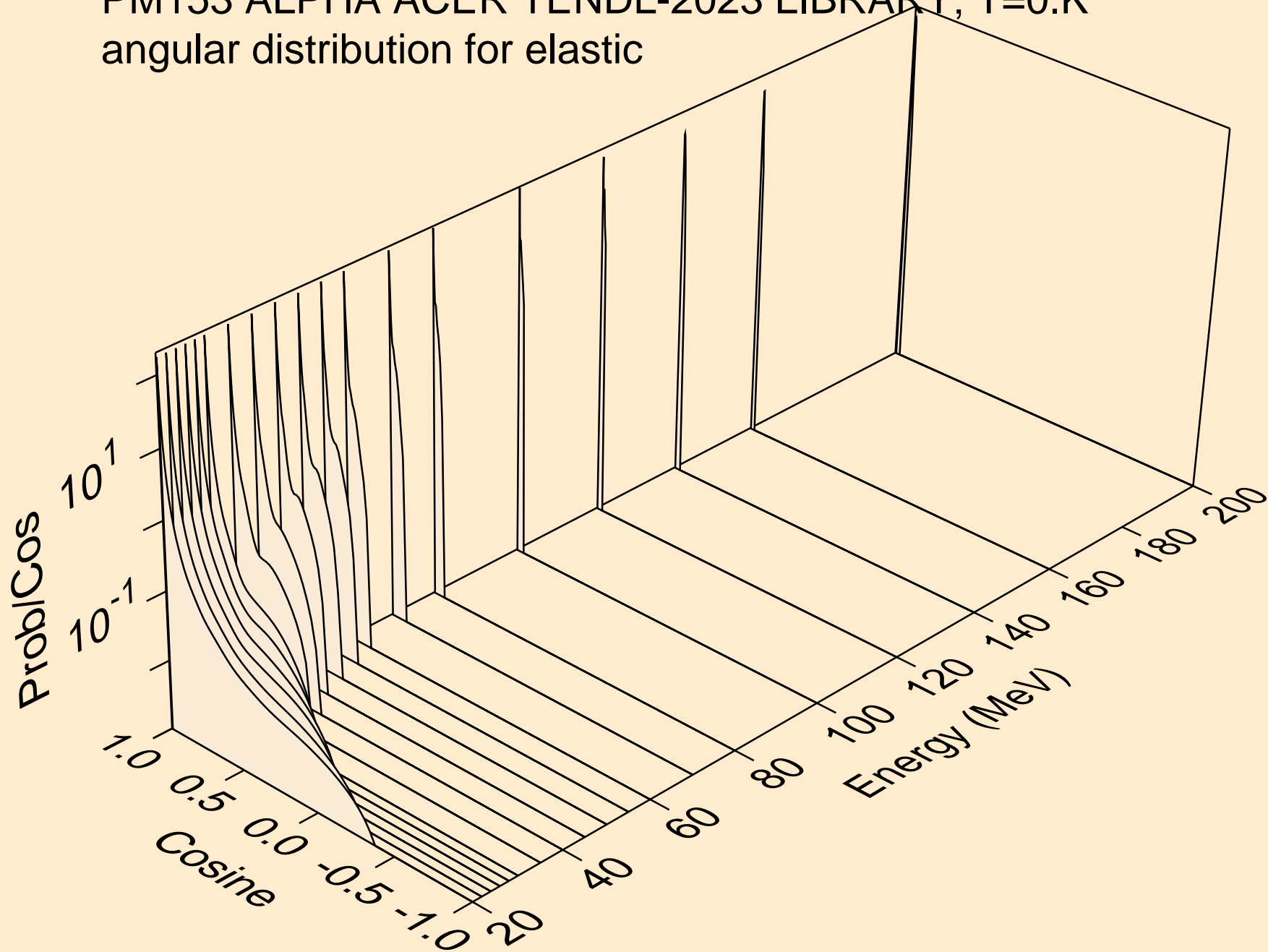
PM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



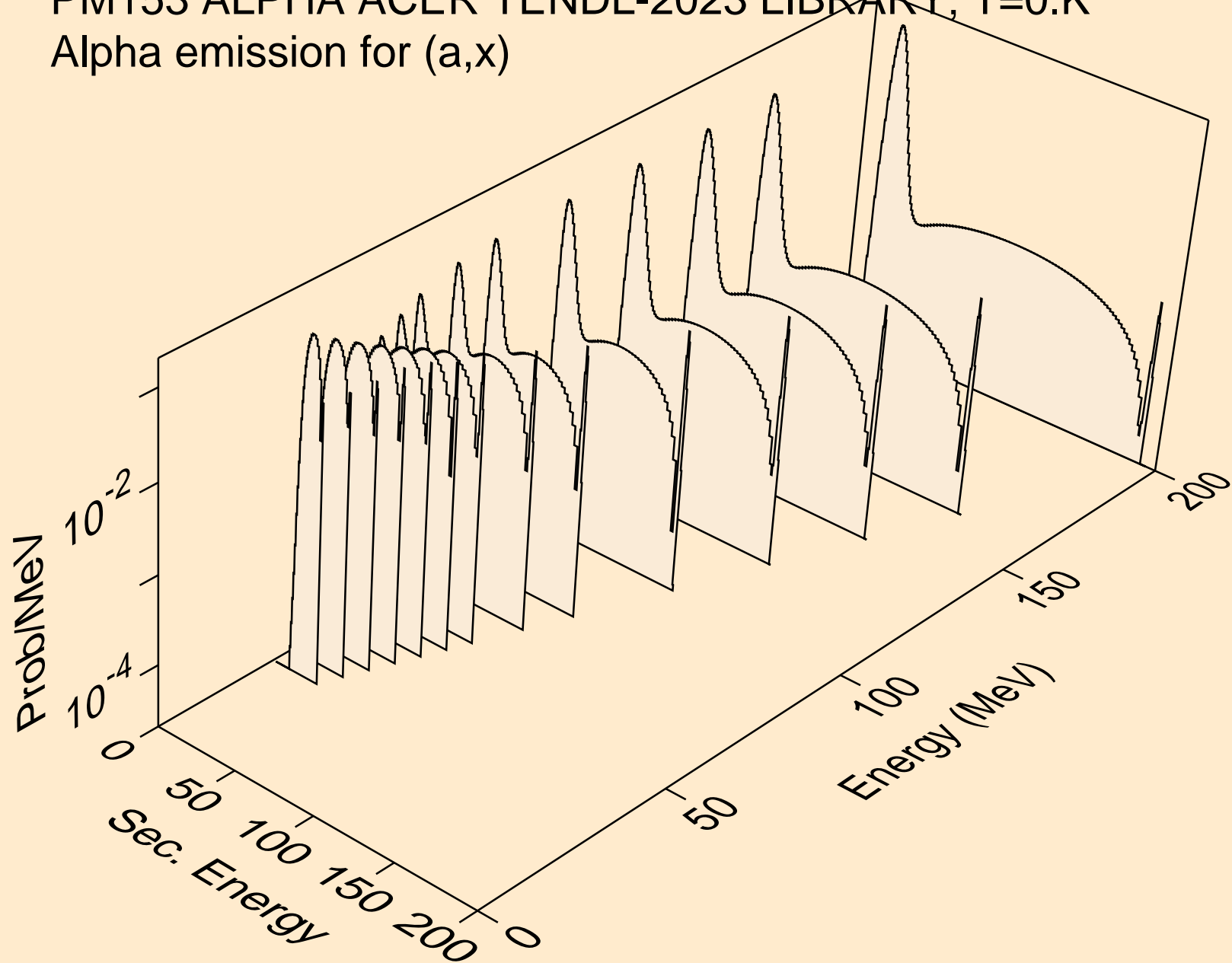
PM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



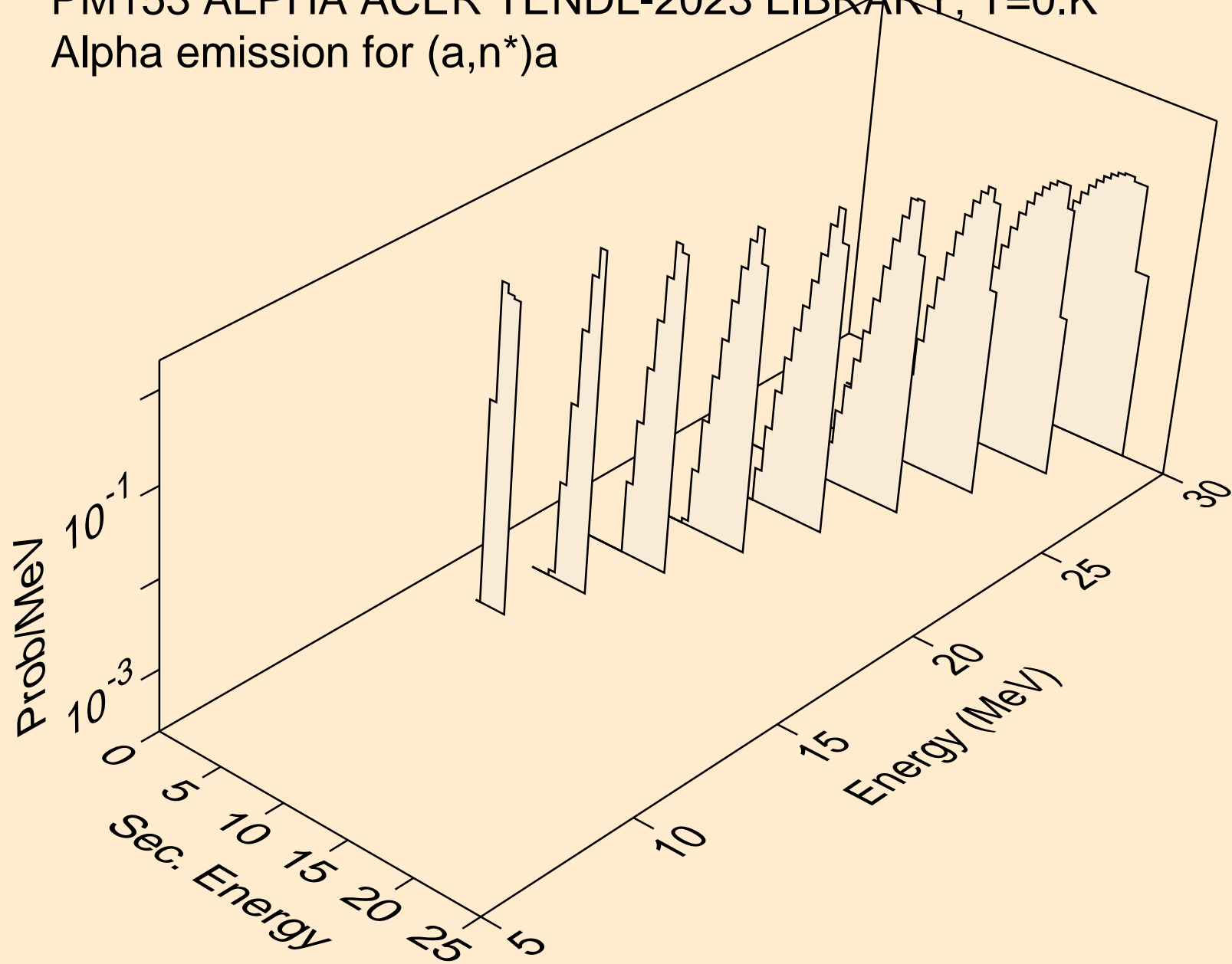
PM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
angular distribution for elastic



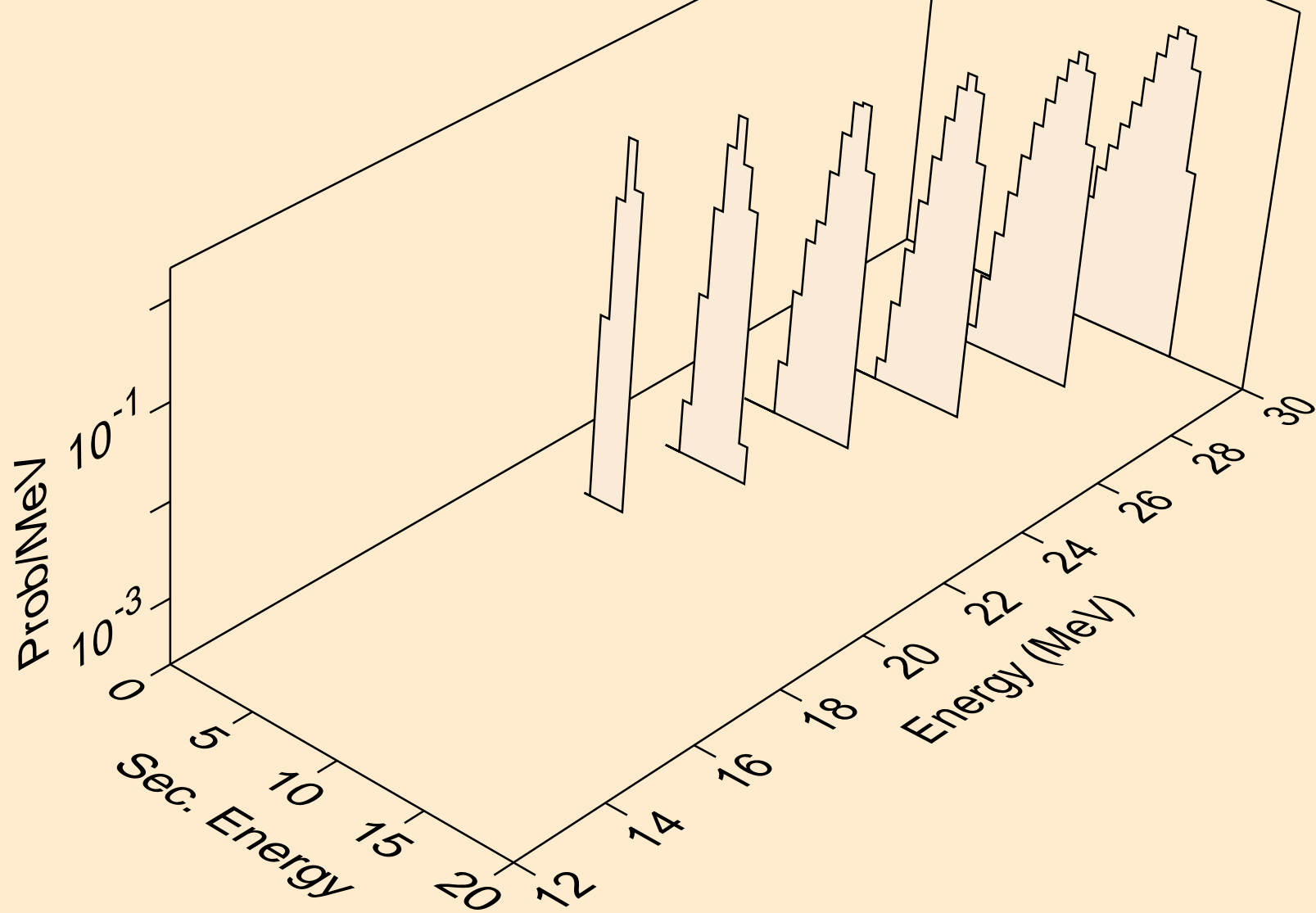
PM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,x)



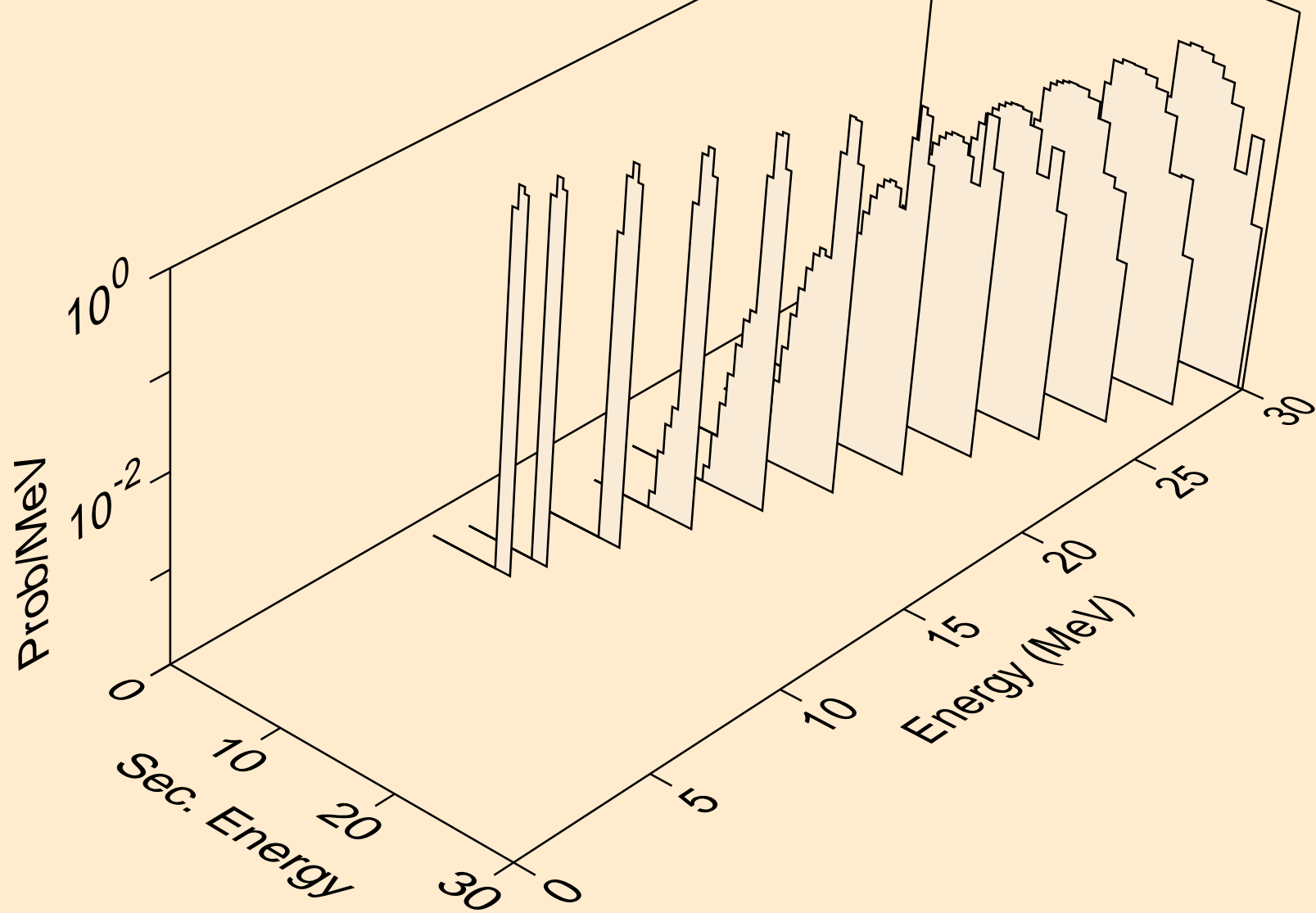
PM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



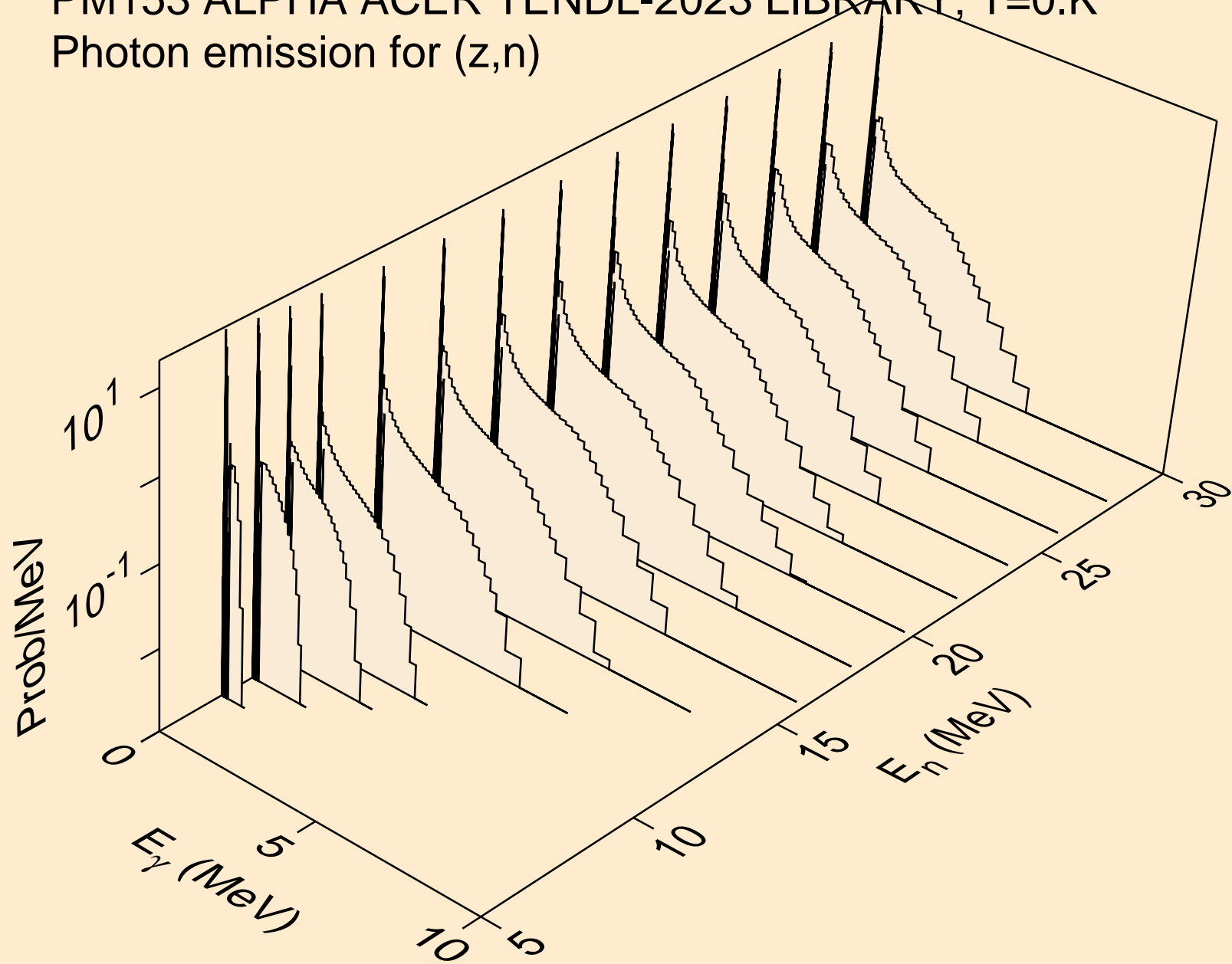
PM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



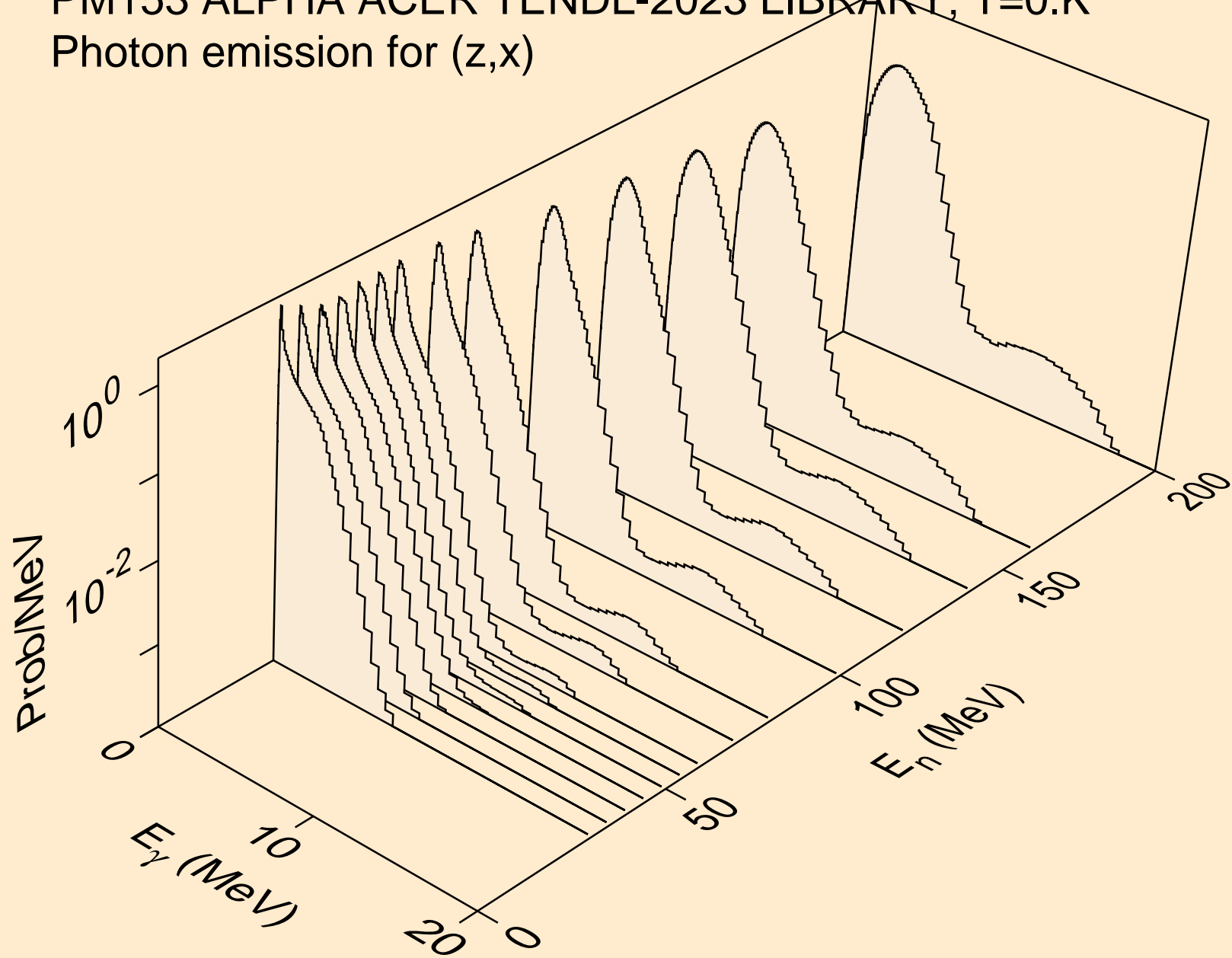
PM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic



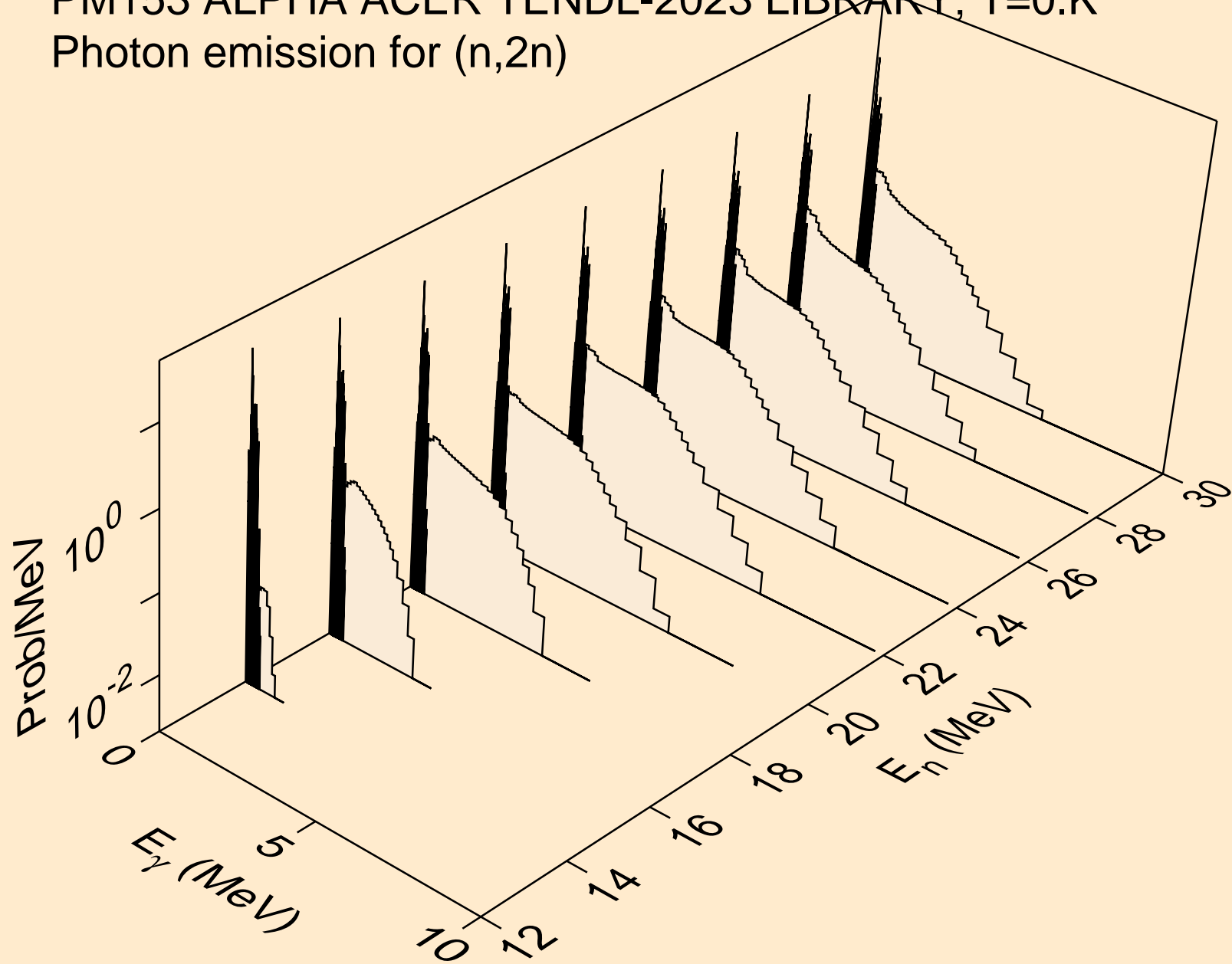
PM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



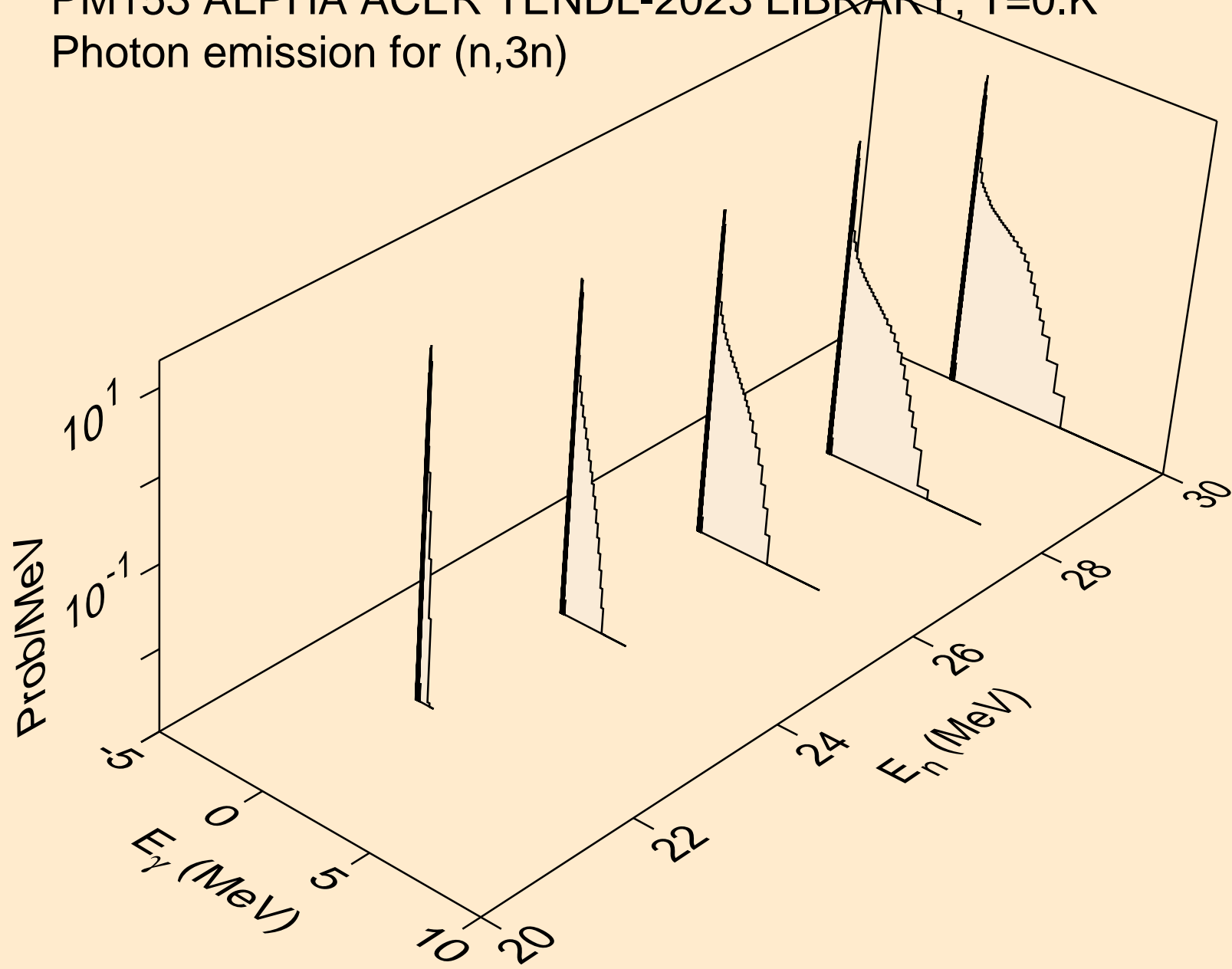
PM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



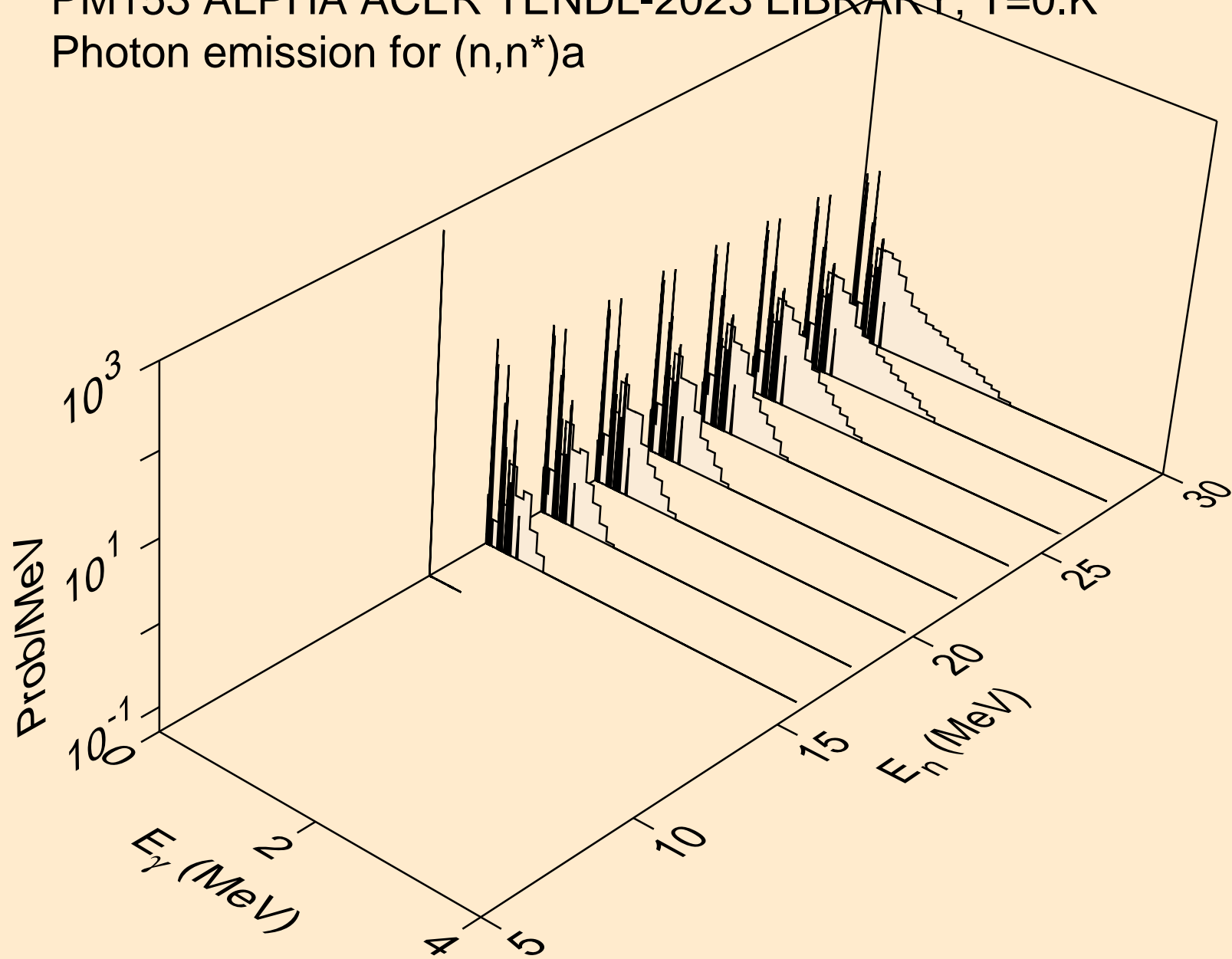
PM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



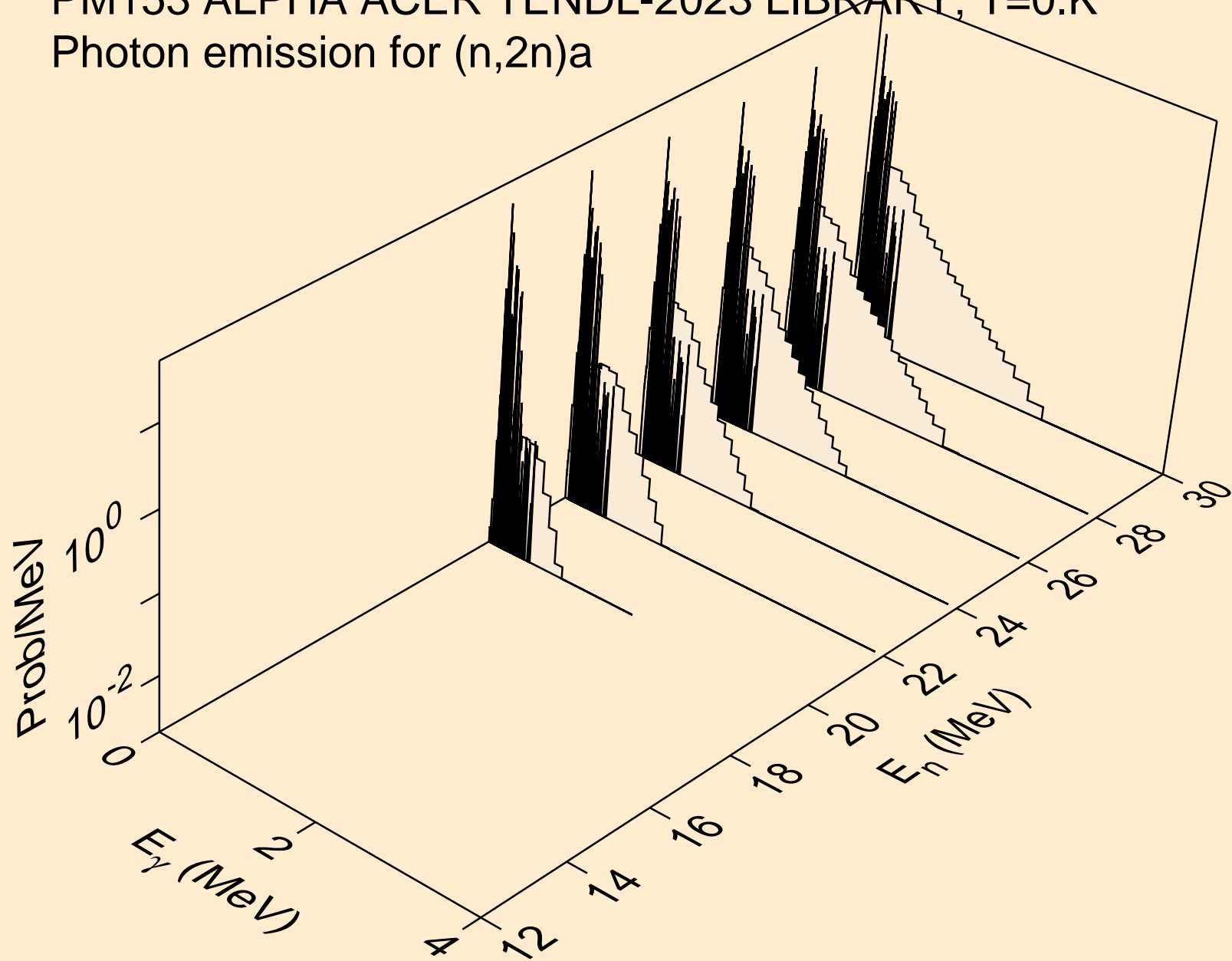
PM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



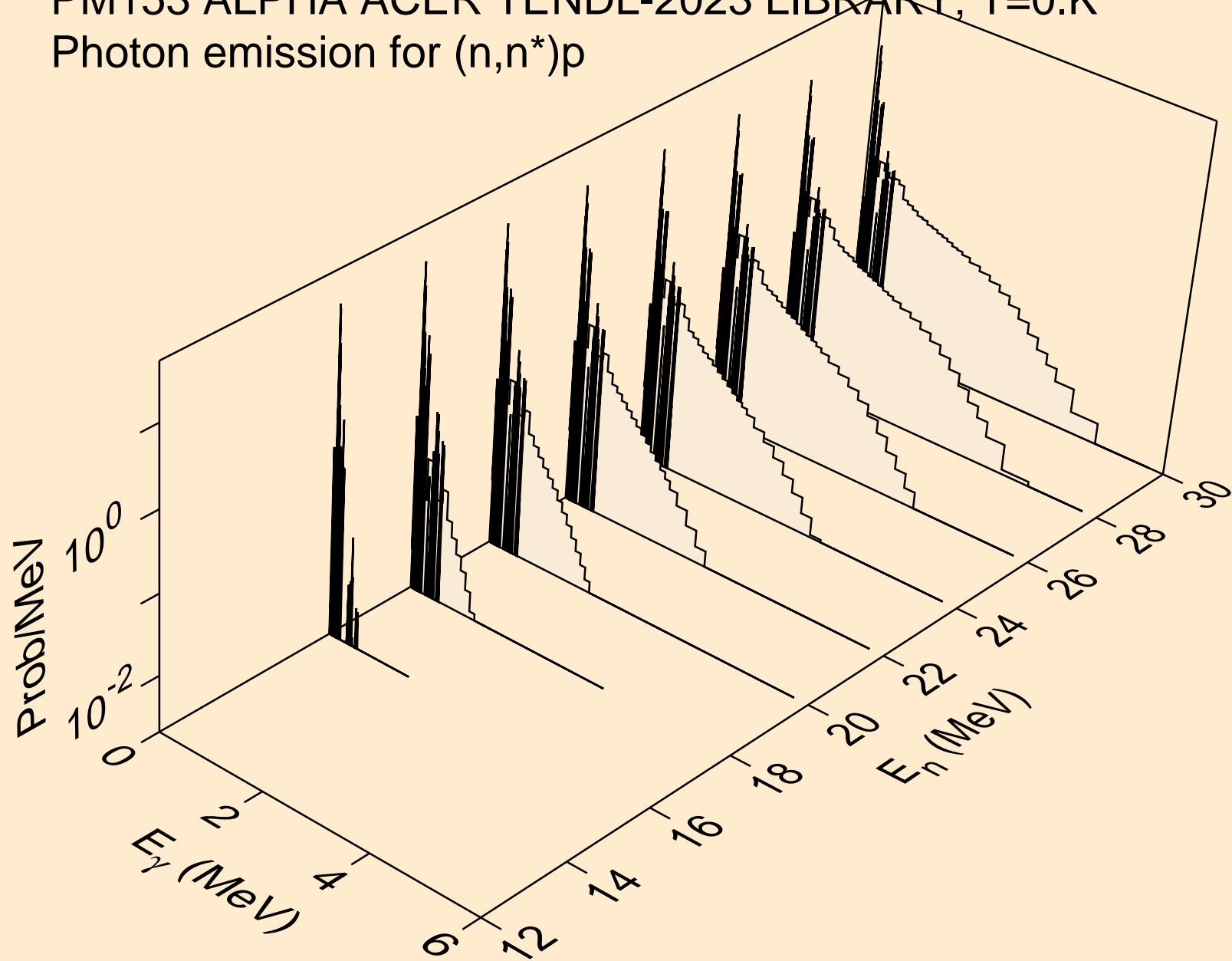
PM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



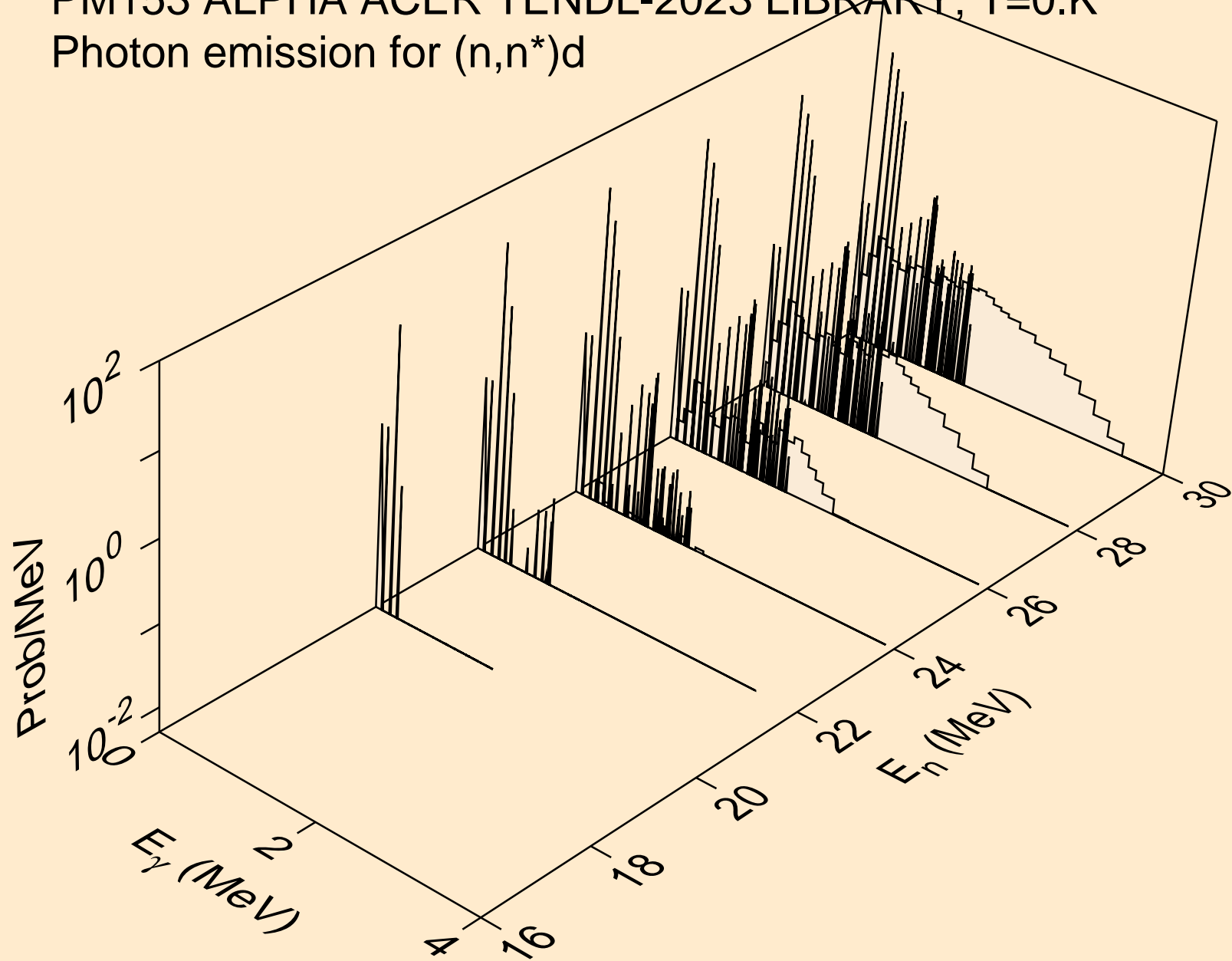
PM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



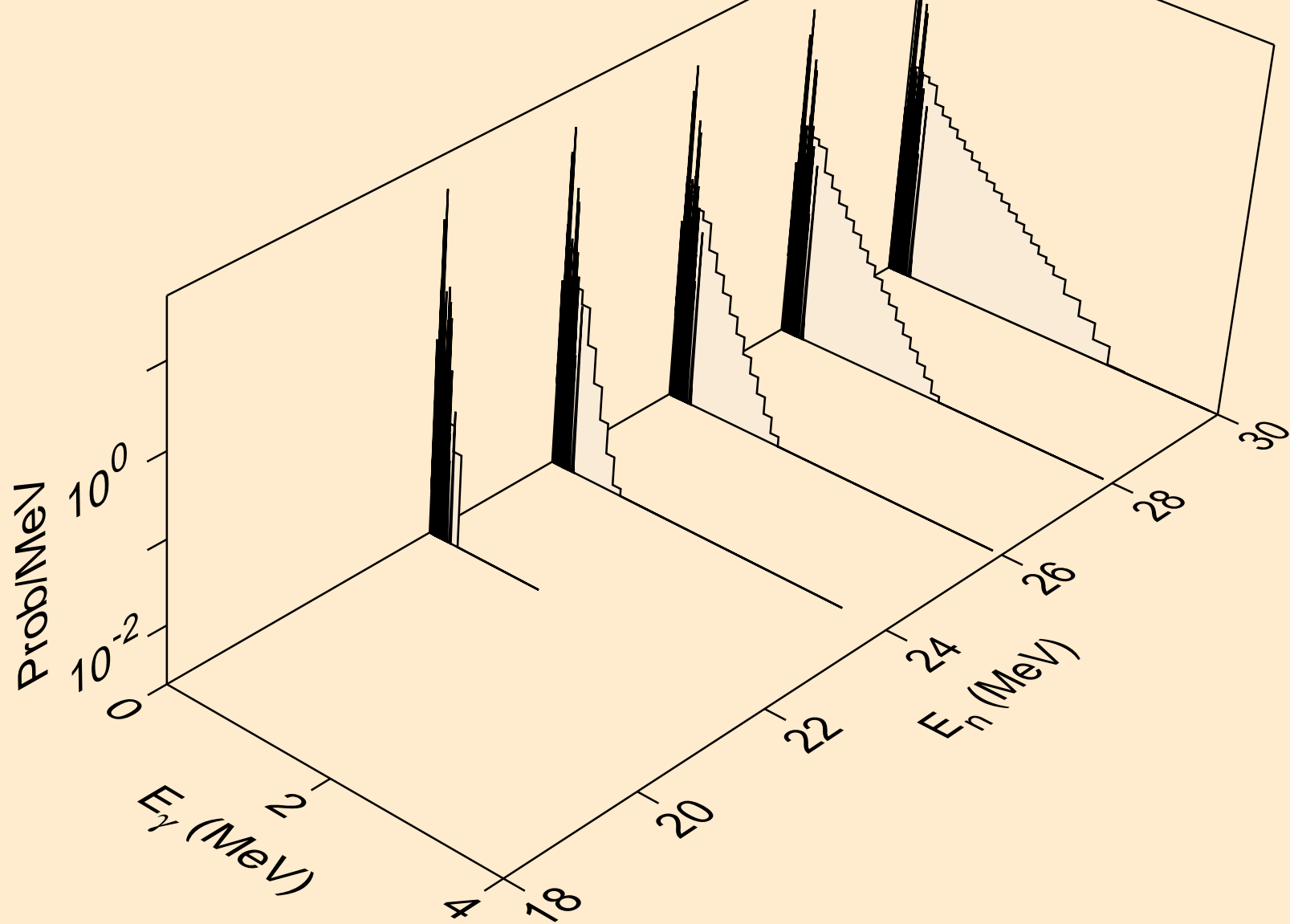
PM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



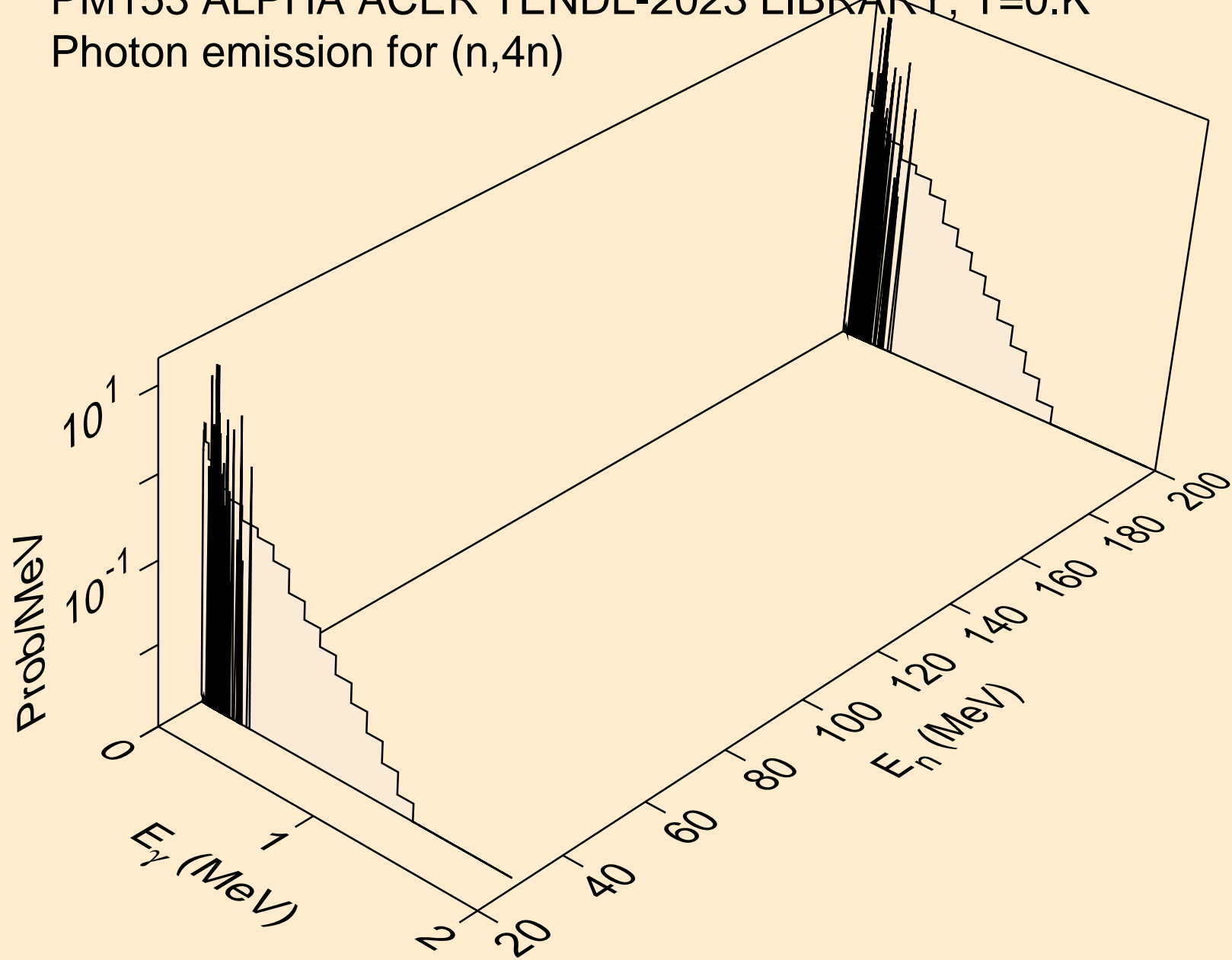
PM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



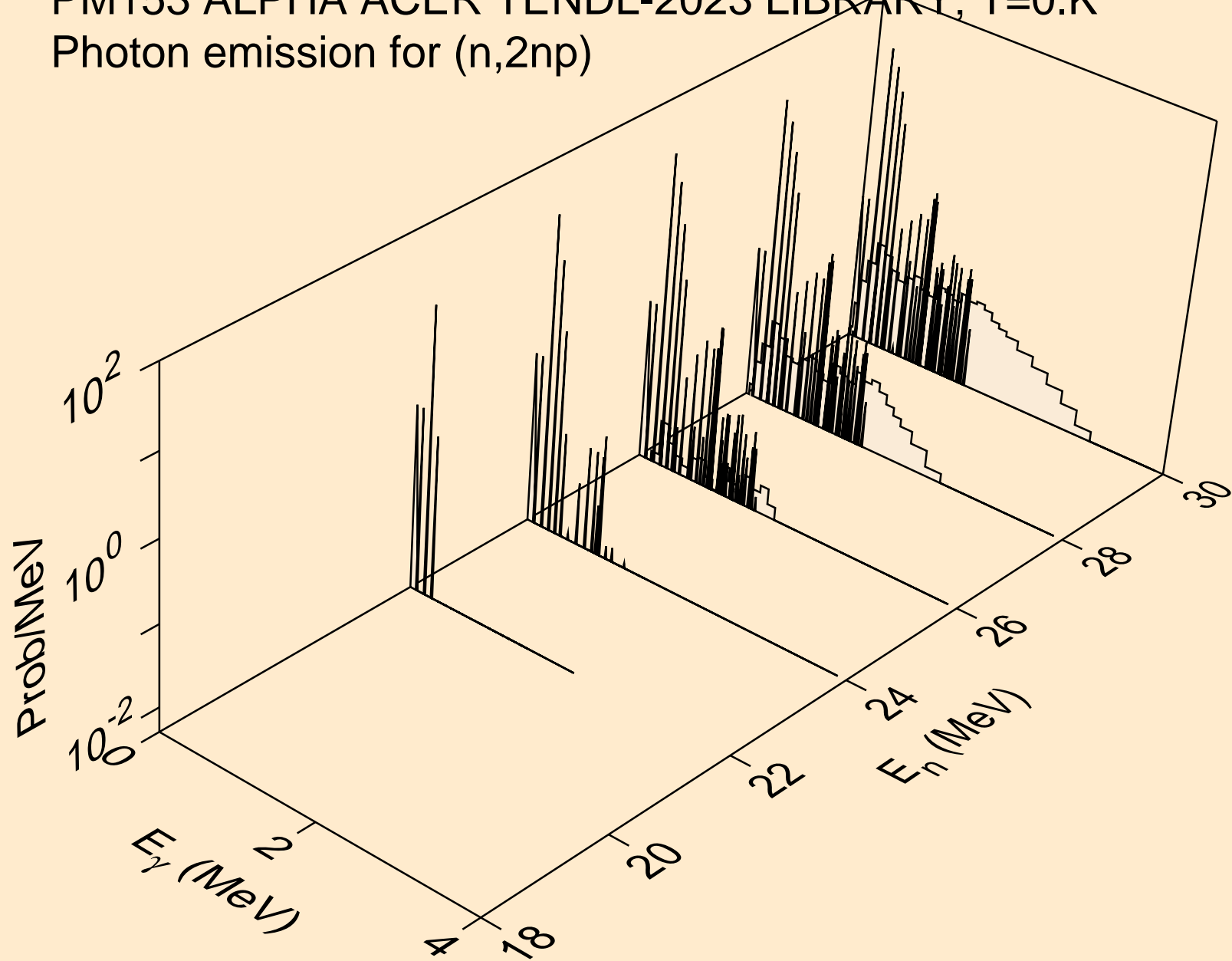
PM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



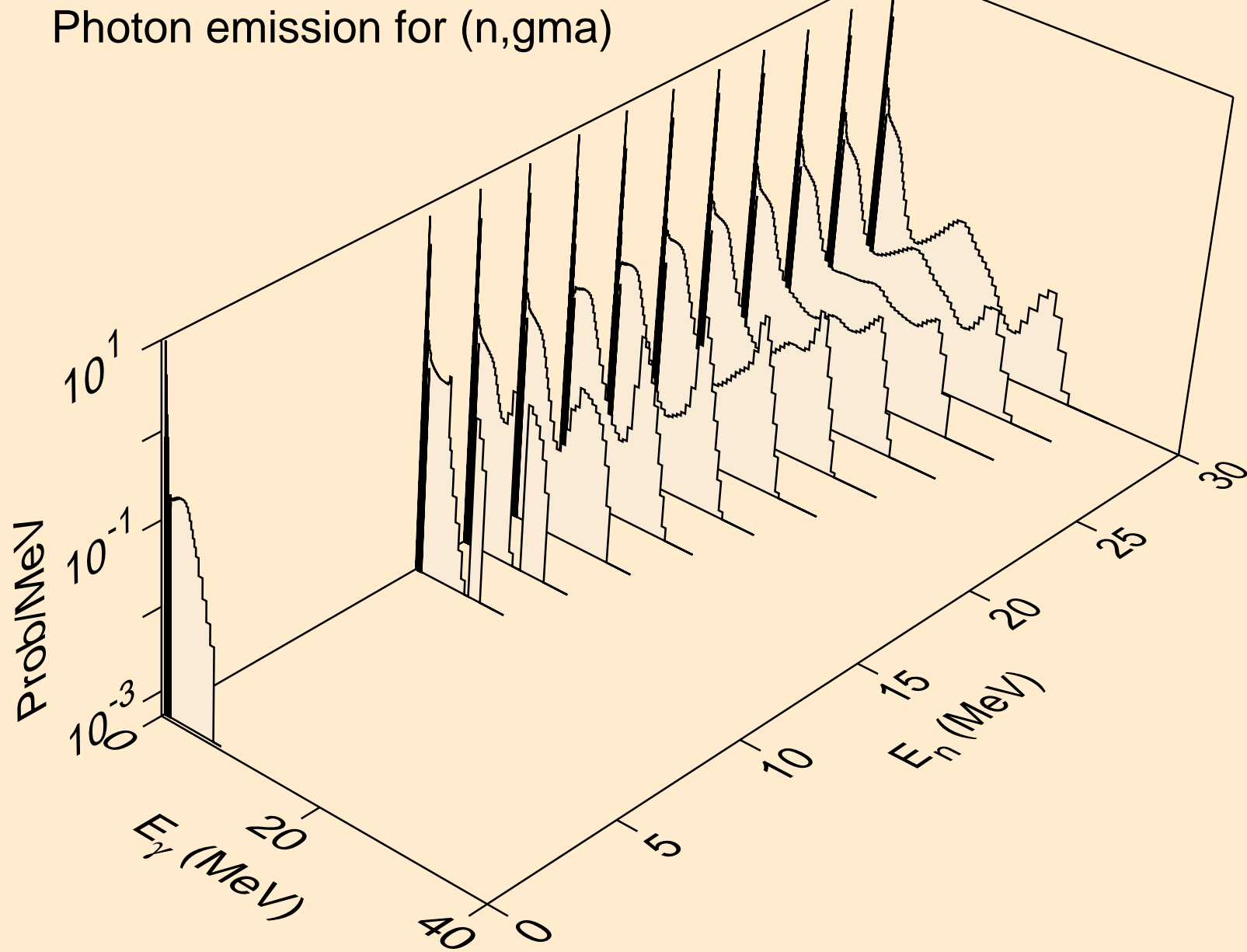
PM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,4n)



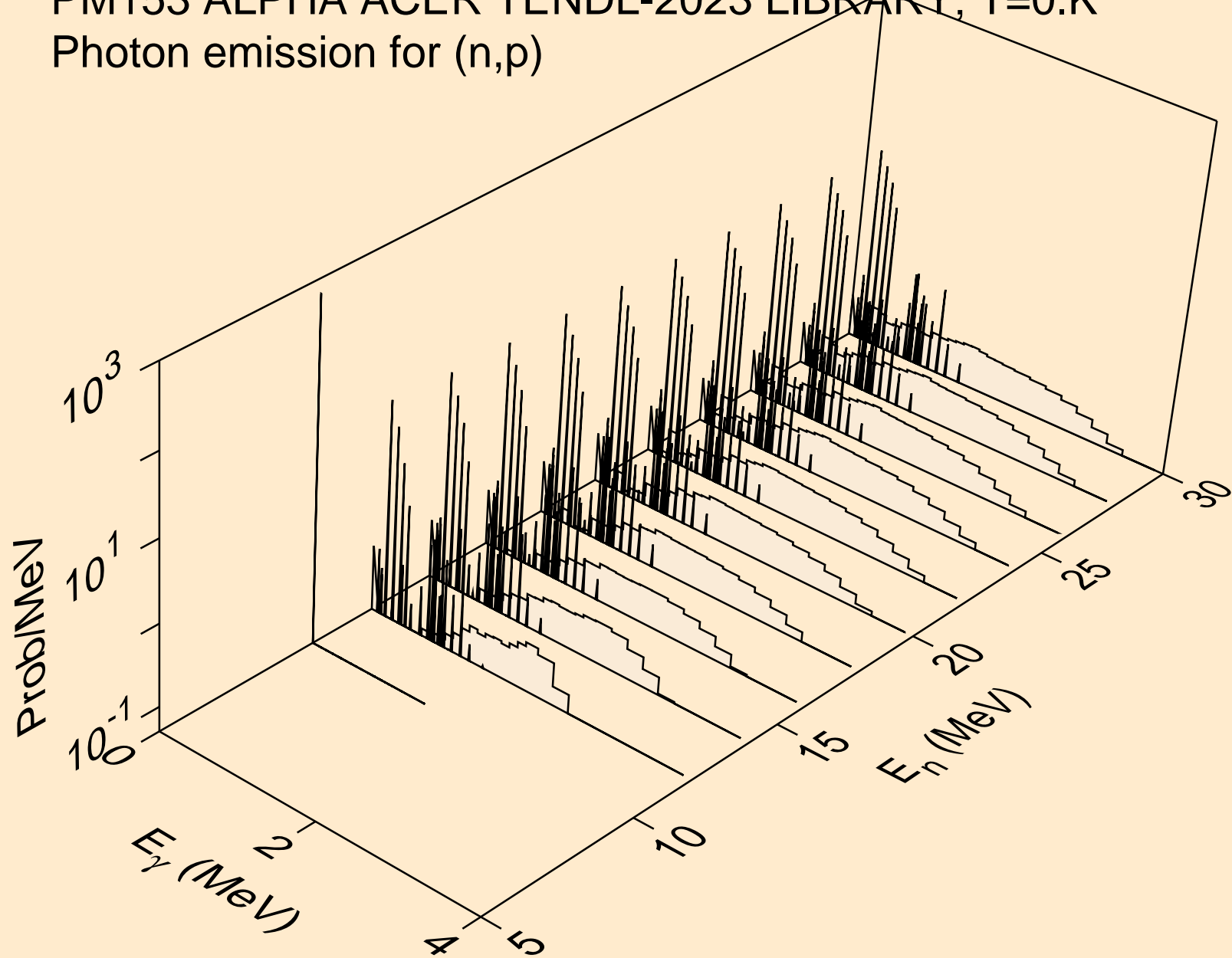
PM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



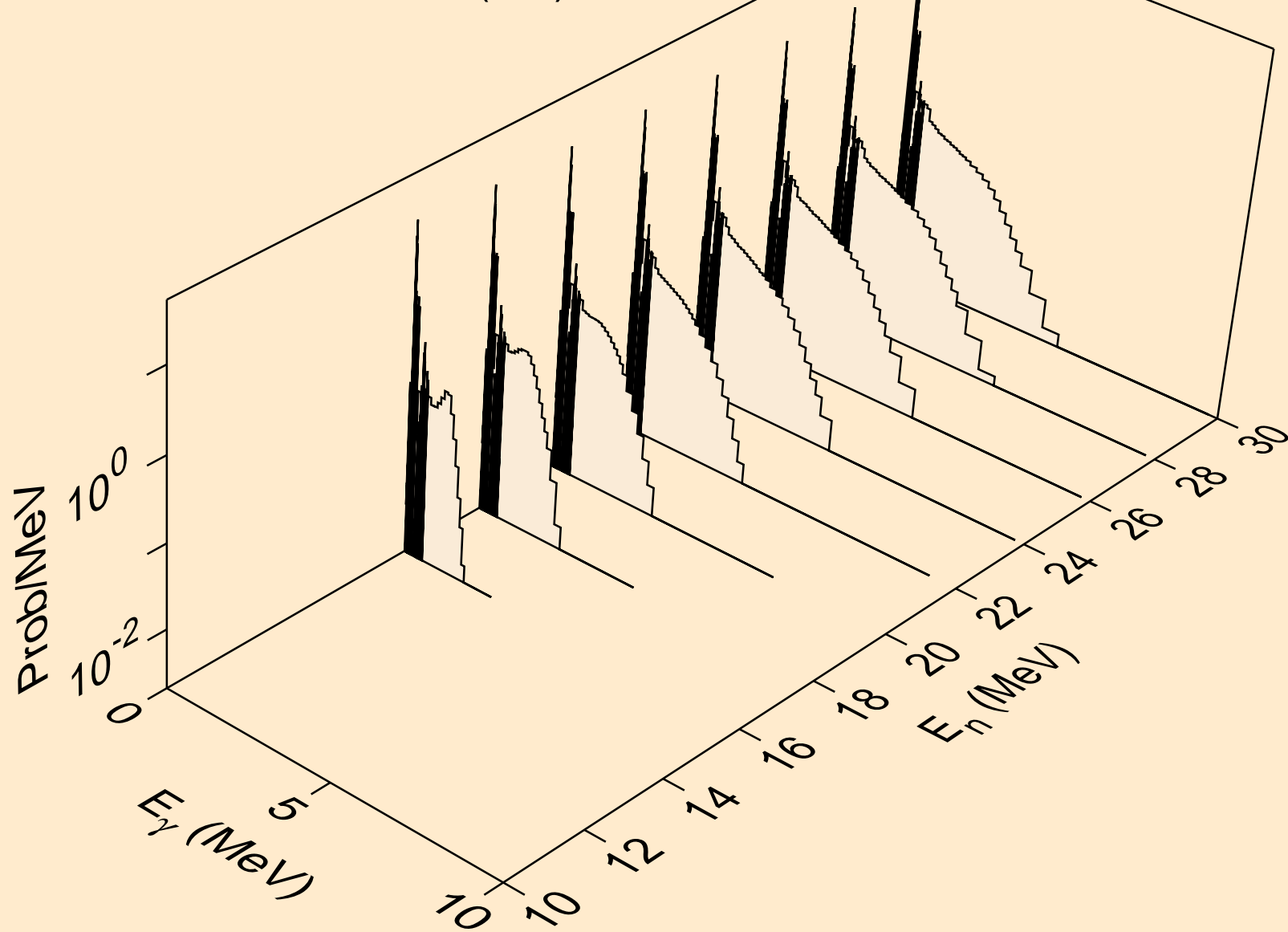
PM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



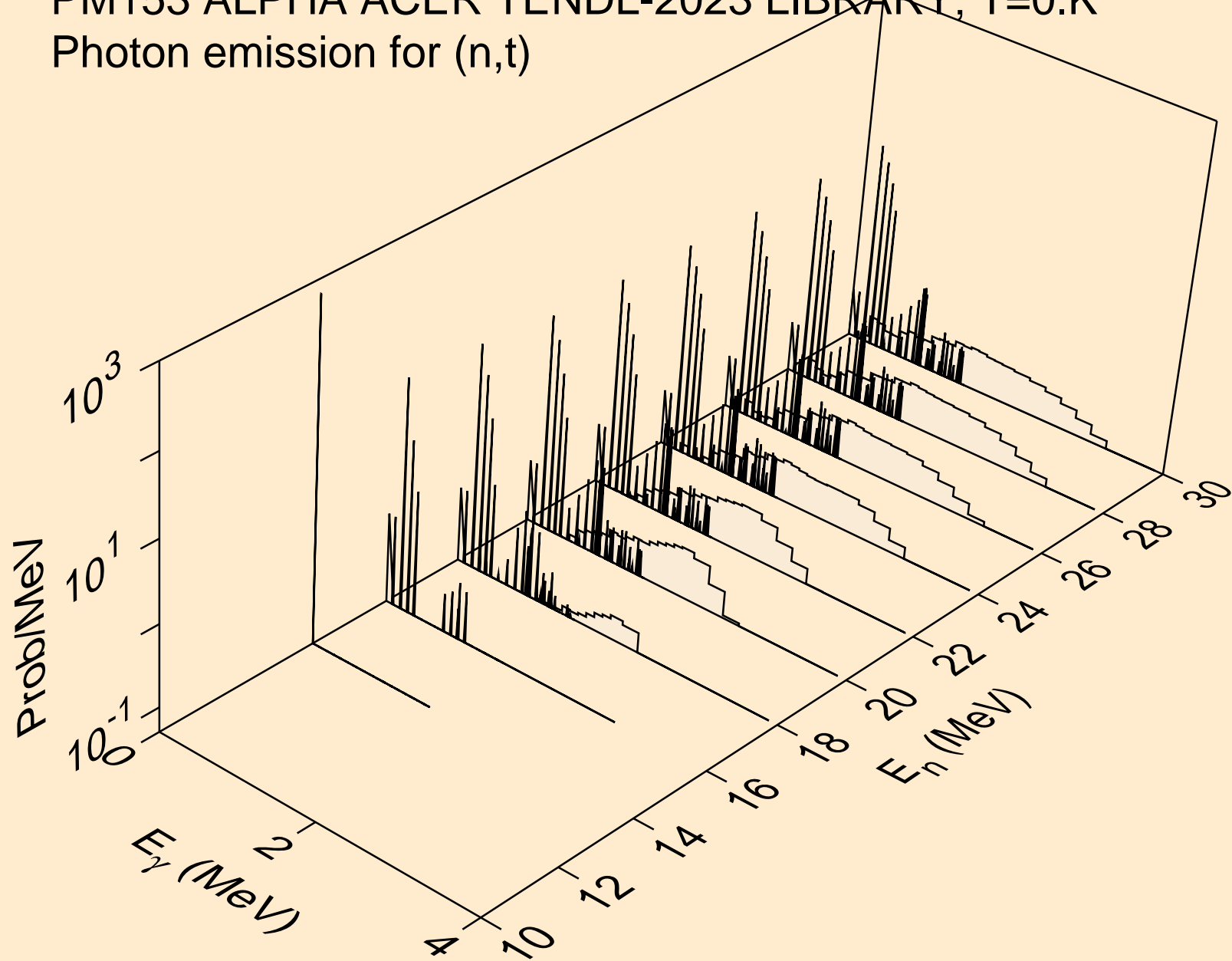
PM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



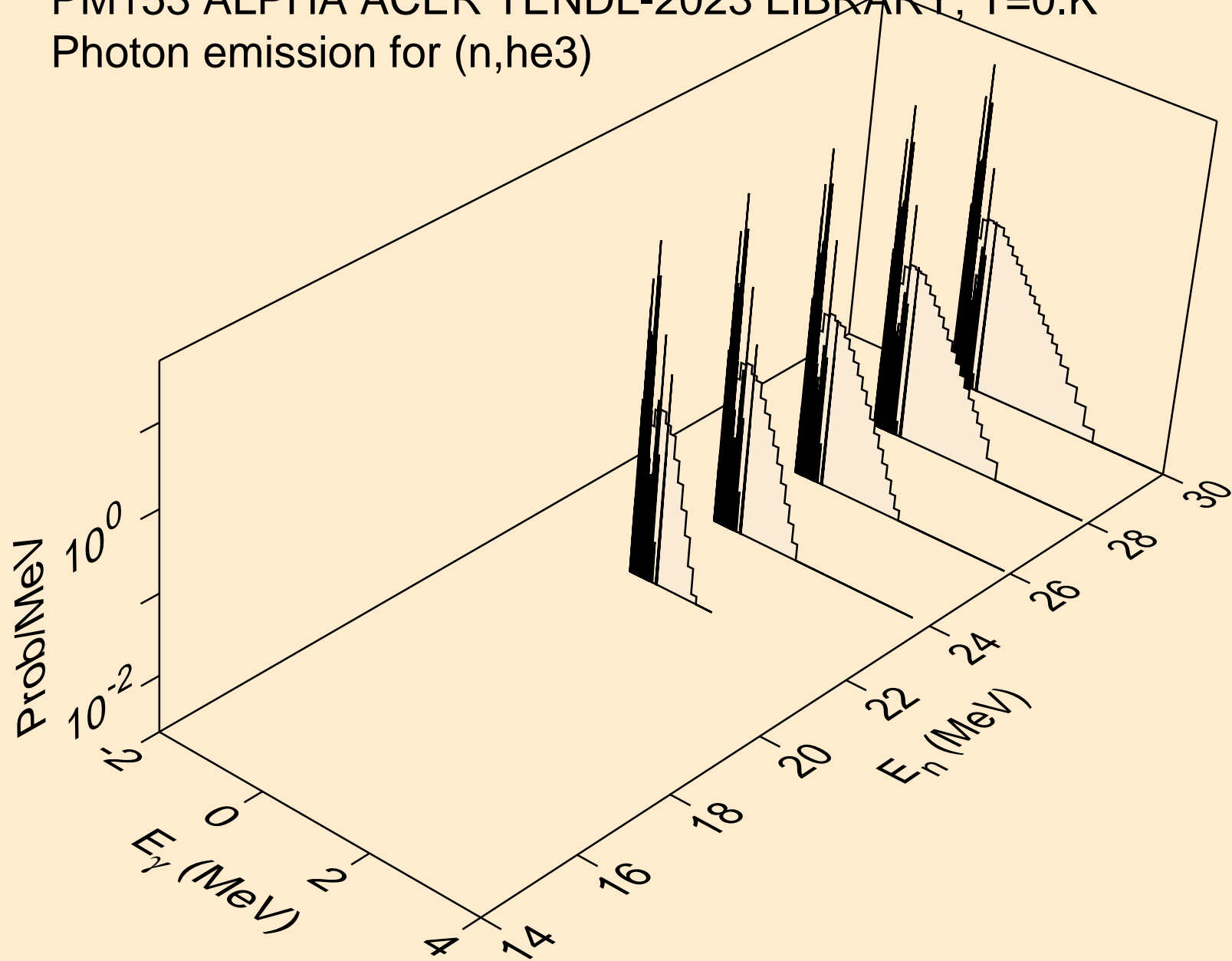
PM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



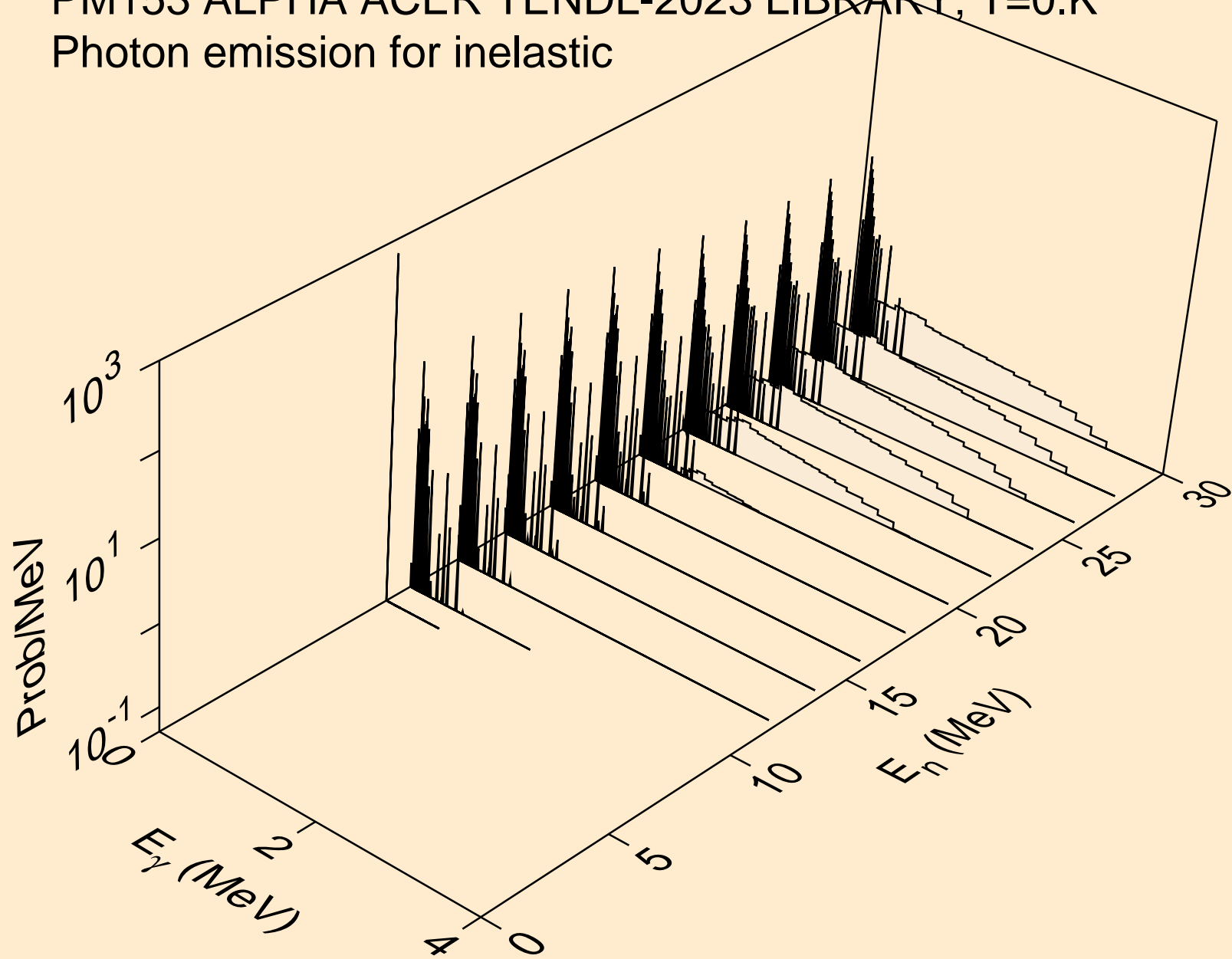
PM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



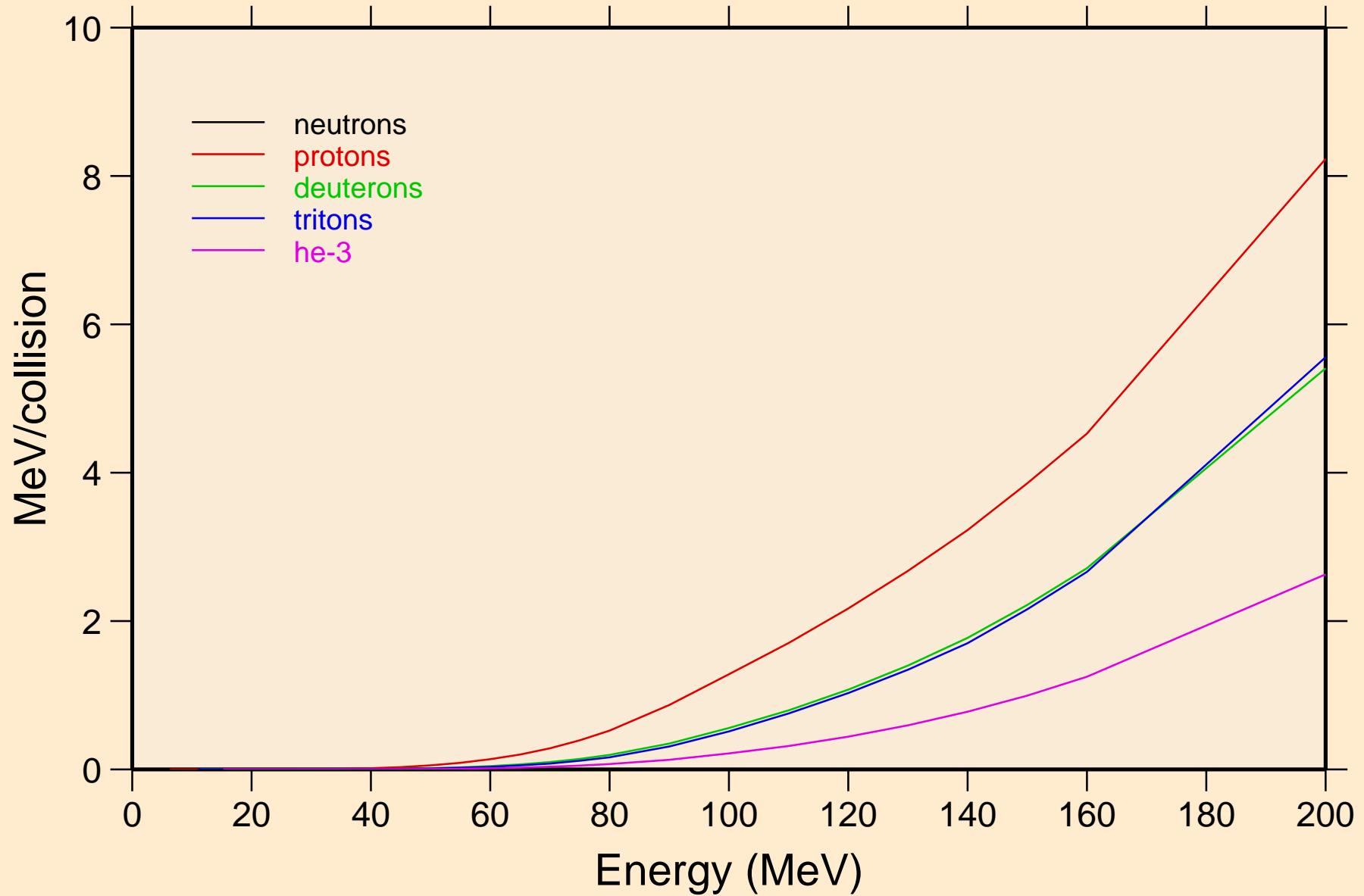
PM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



PM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic

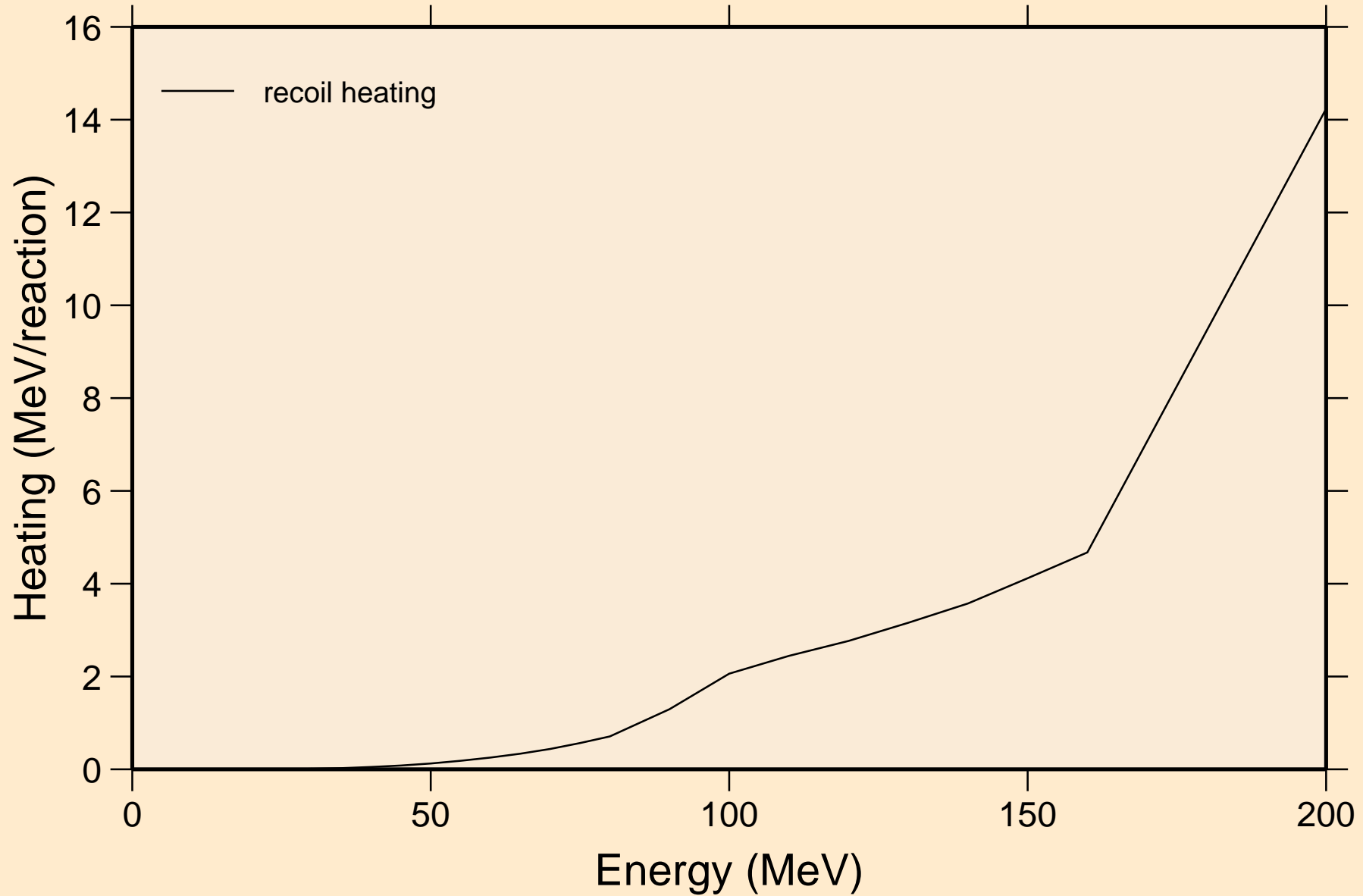


PM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions

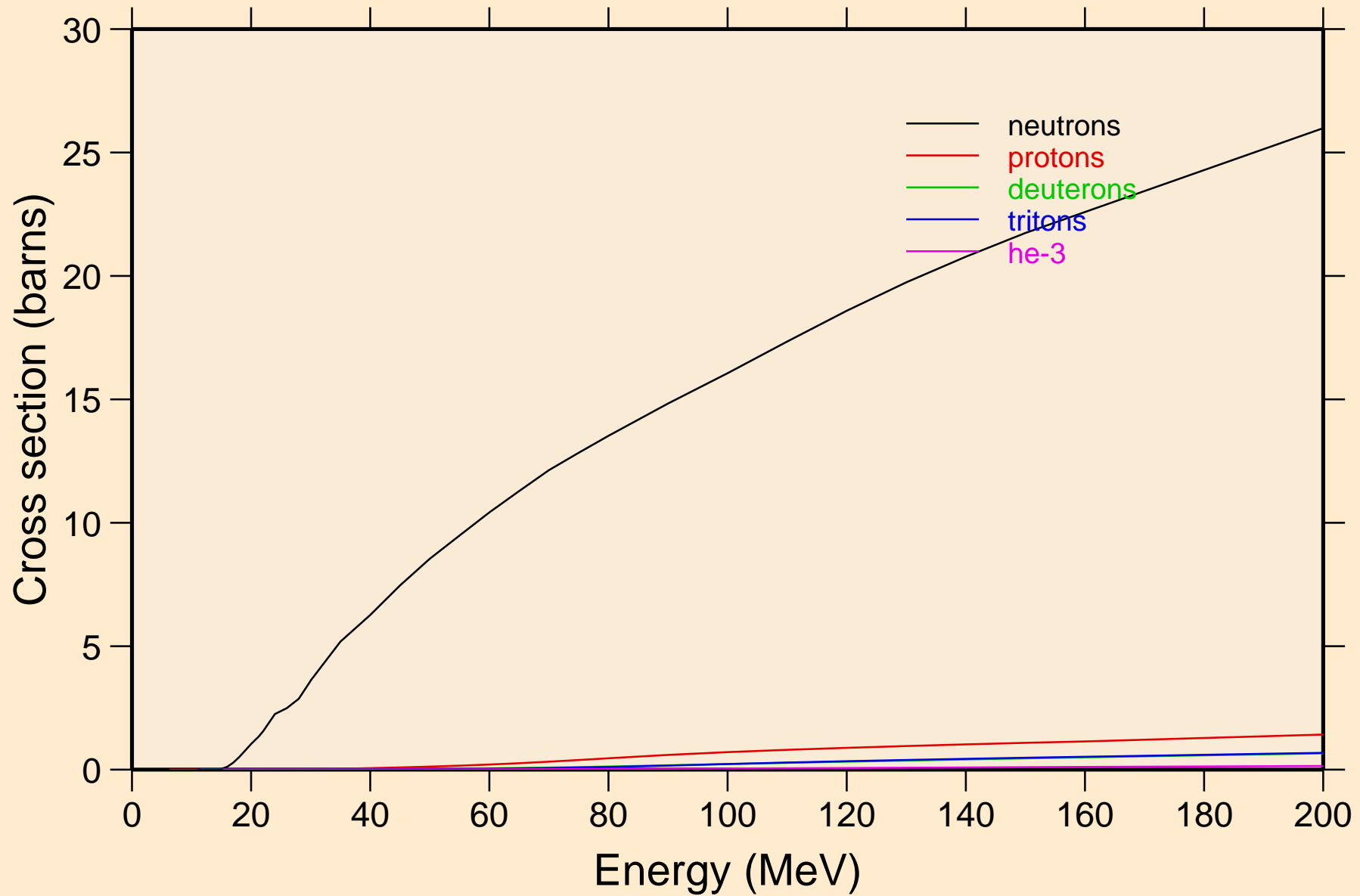


PM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

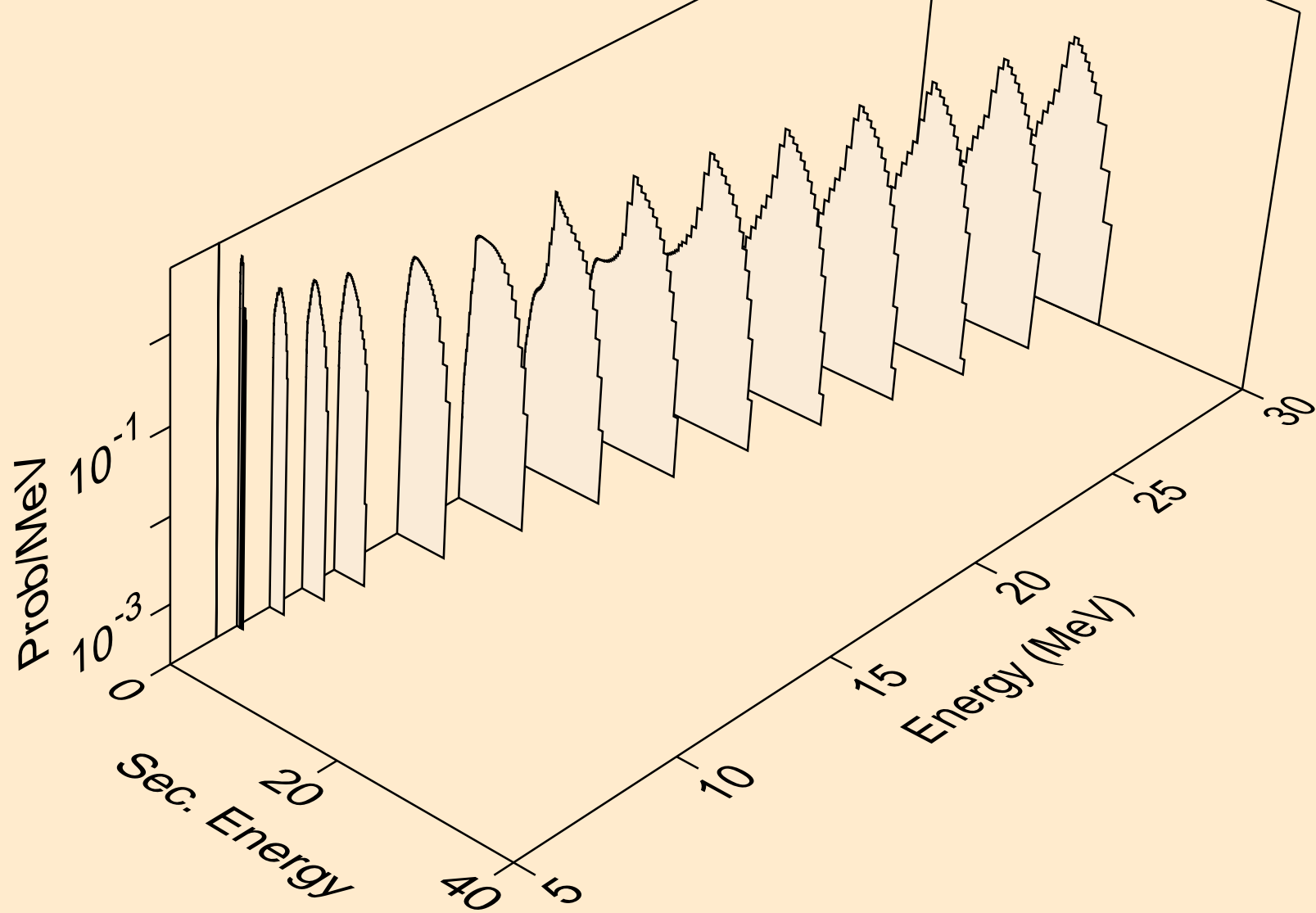
Recoil Heating



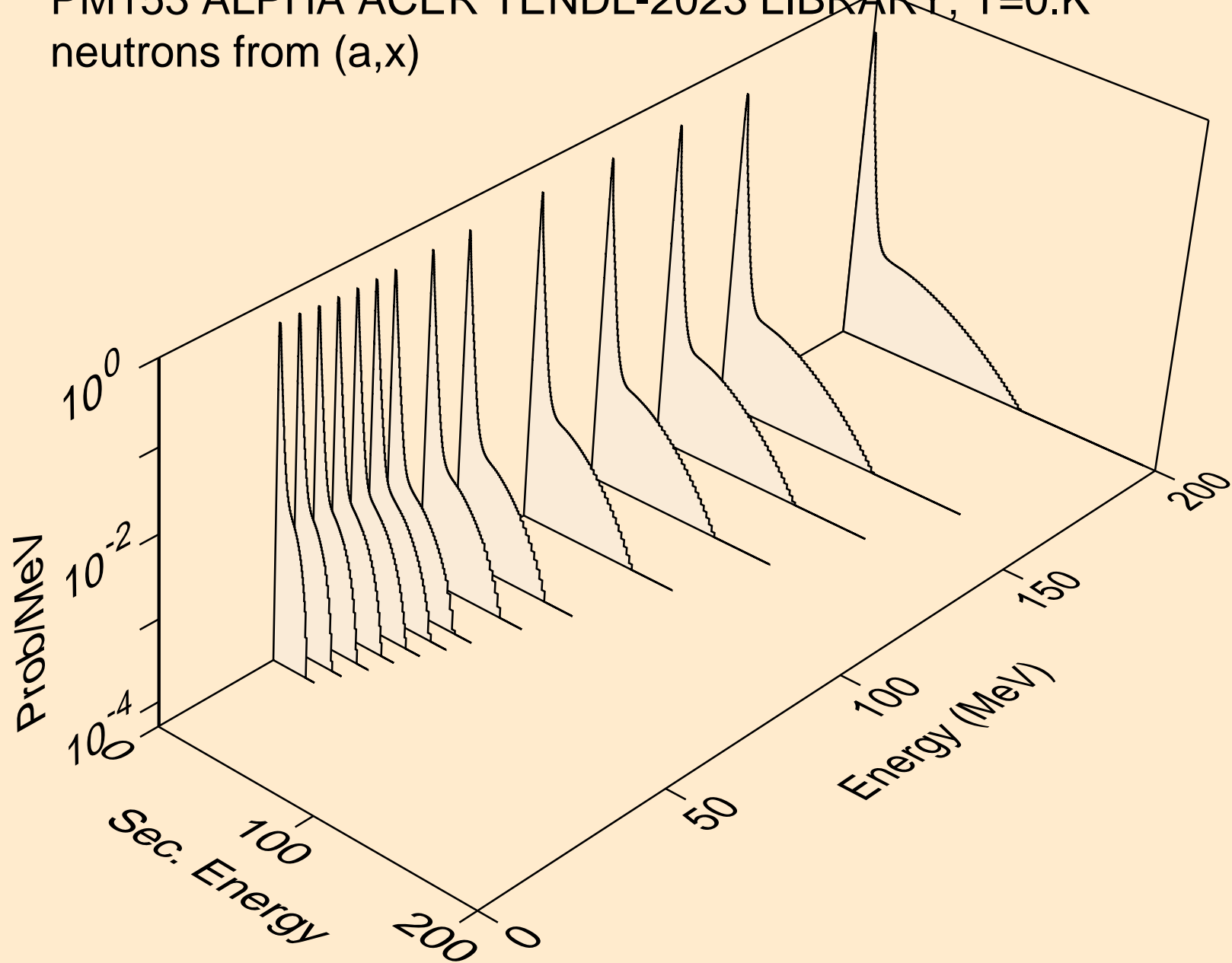
PM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



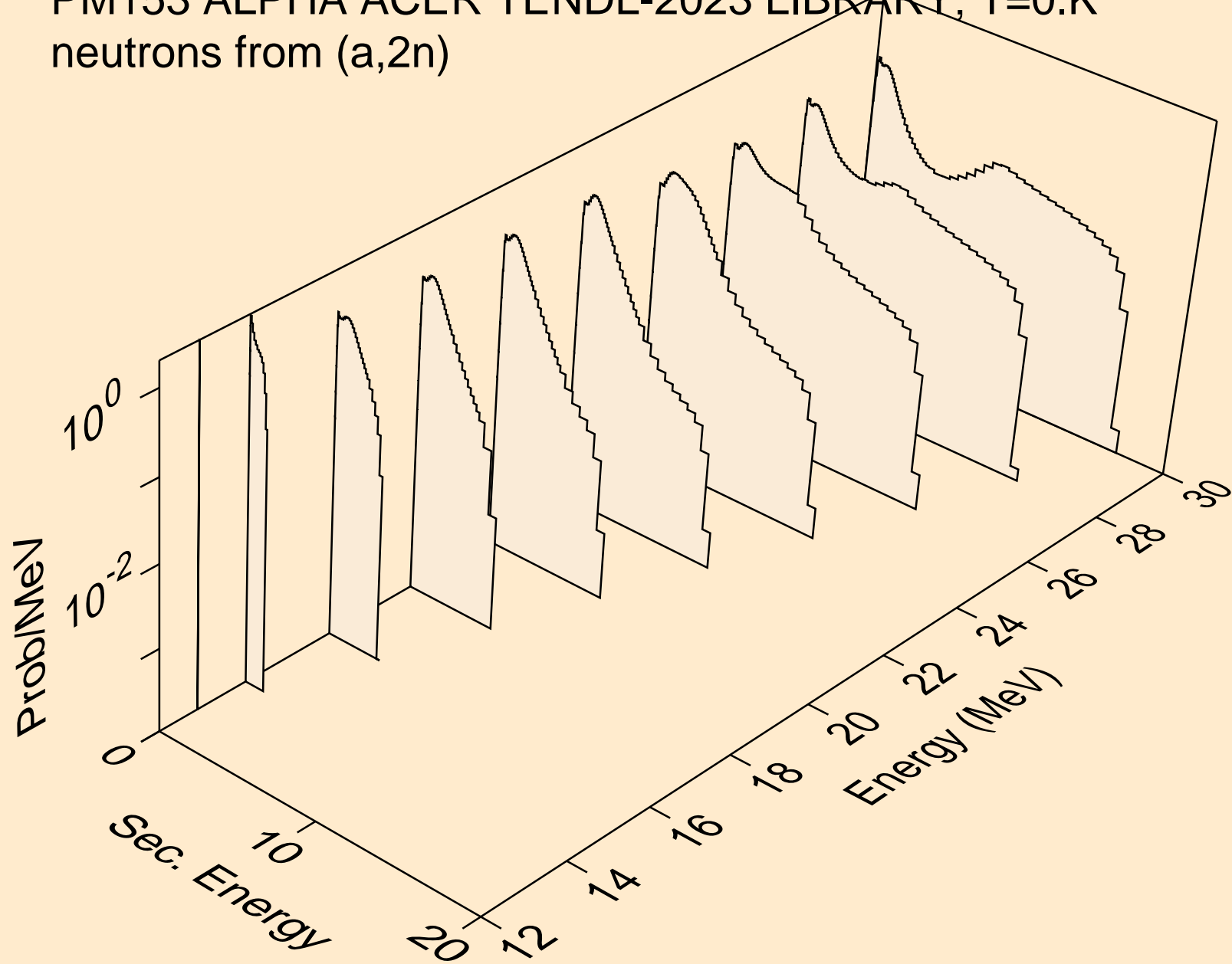
PM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)



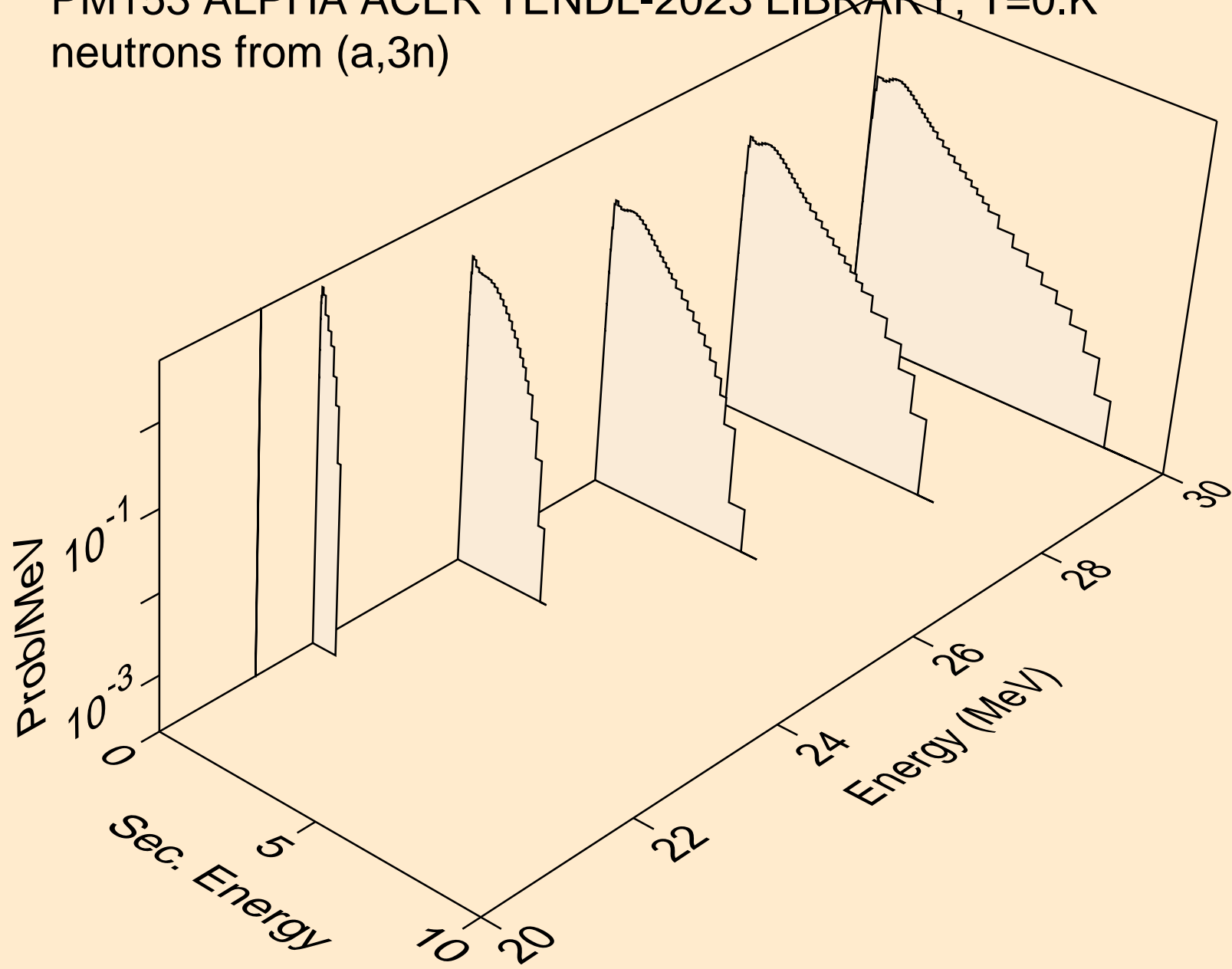
PM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)



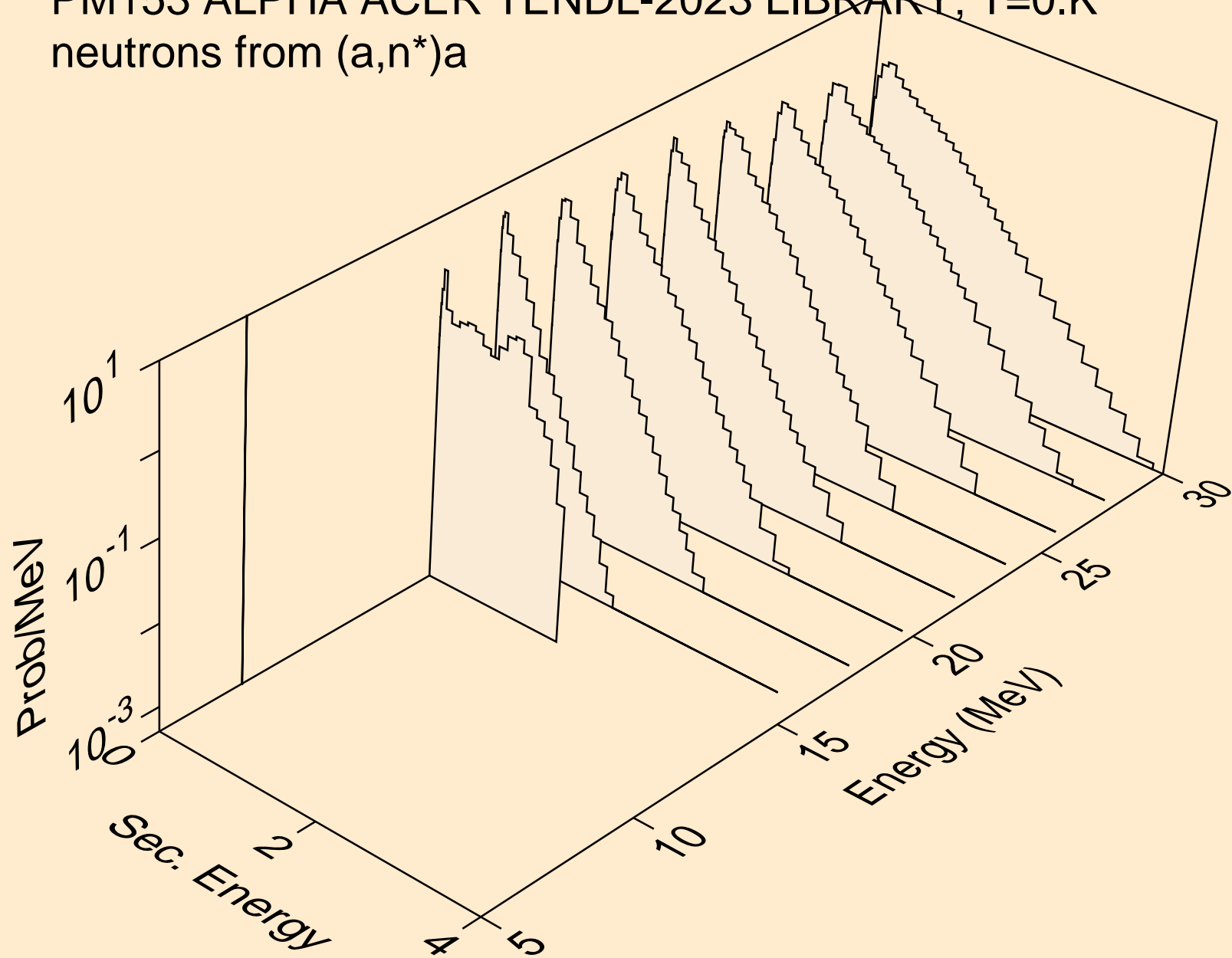
PM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)



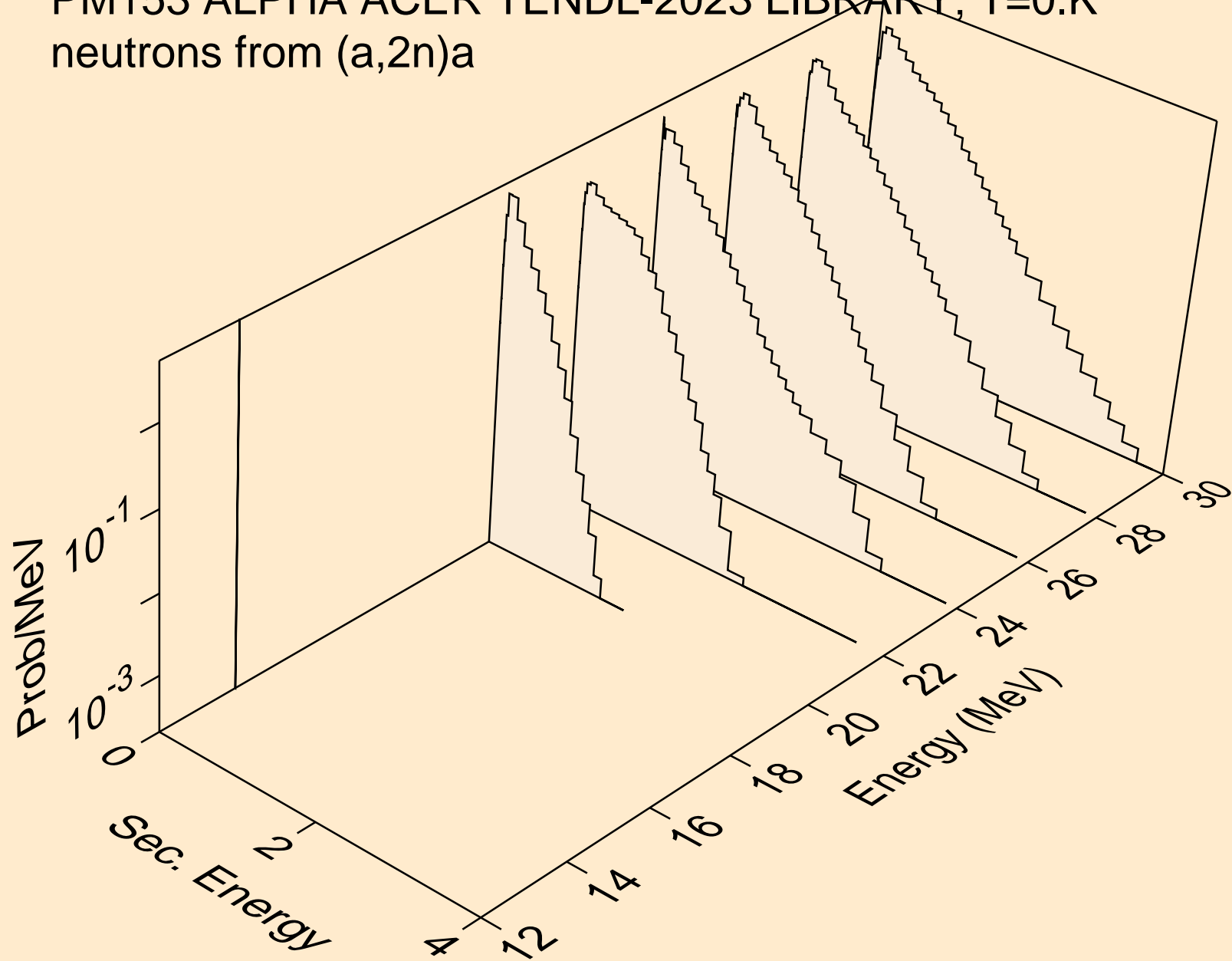
PM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3n)



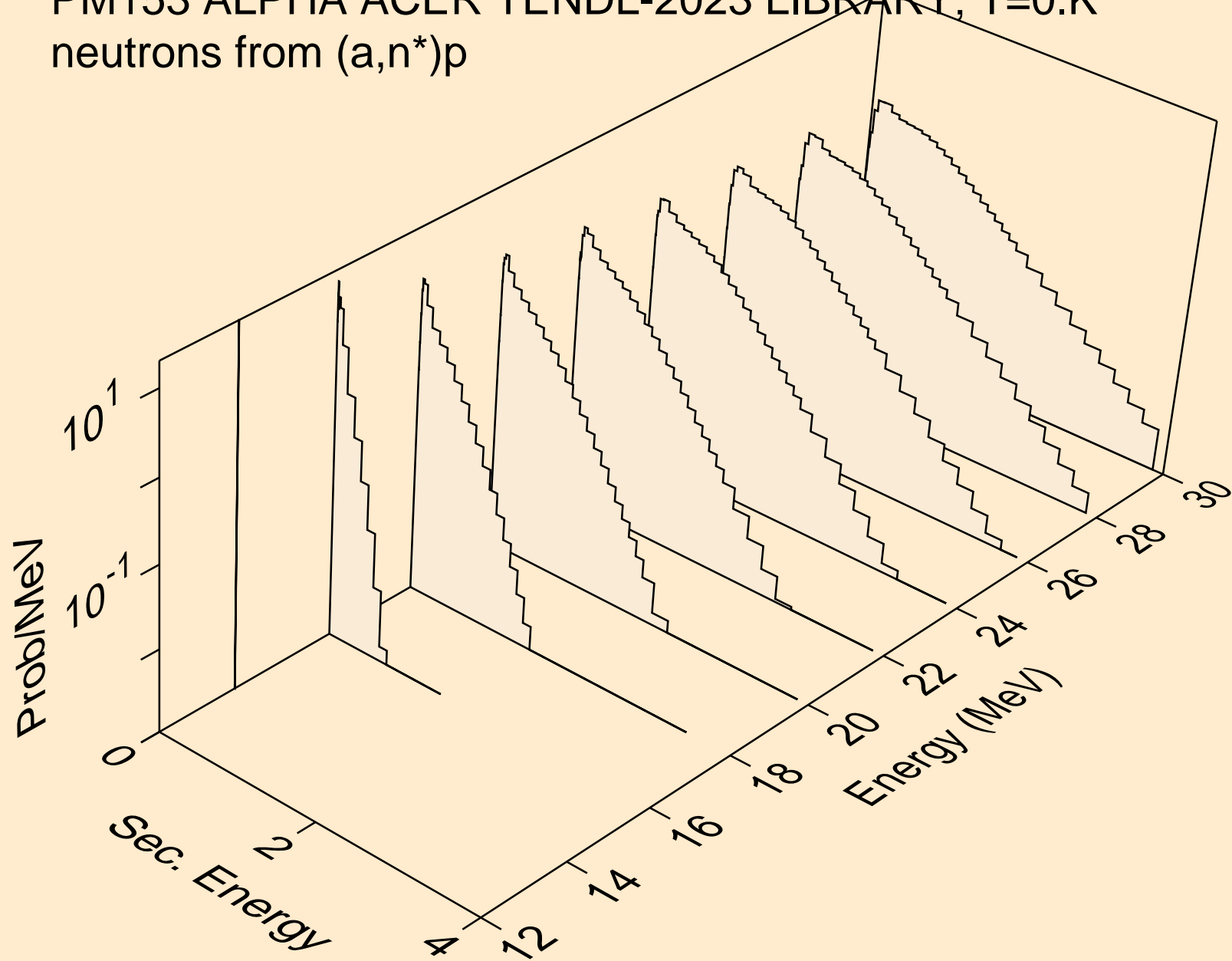
PM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a



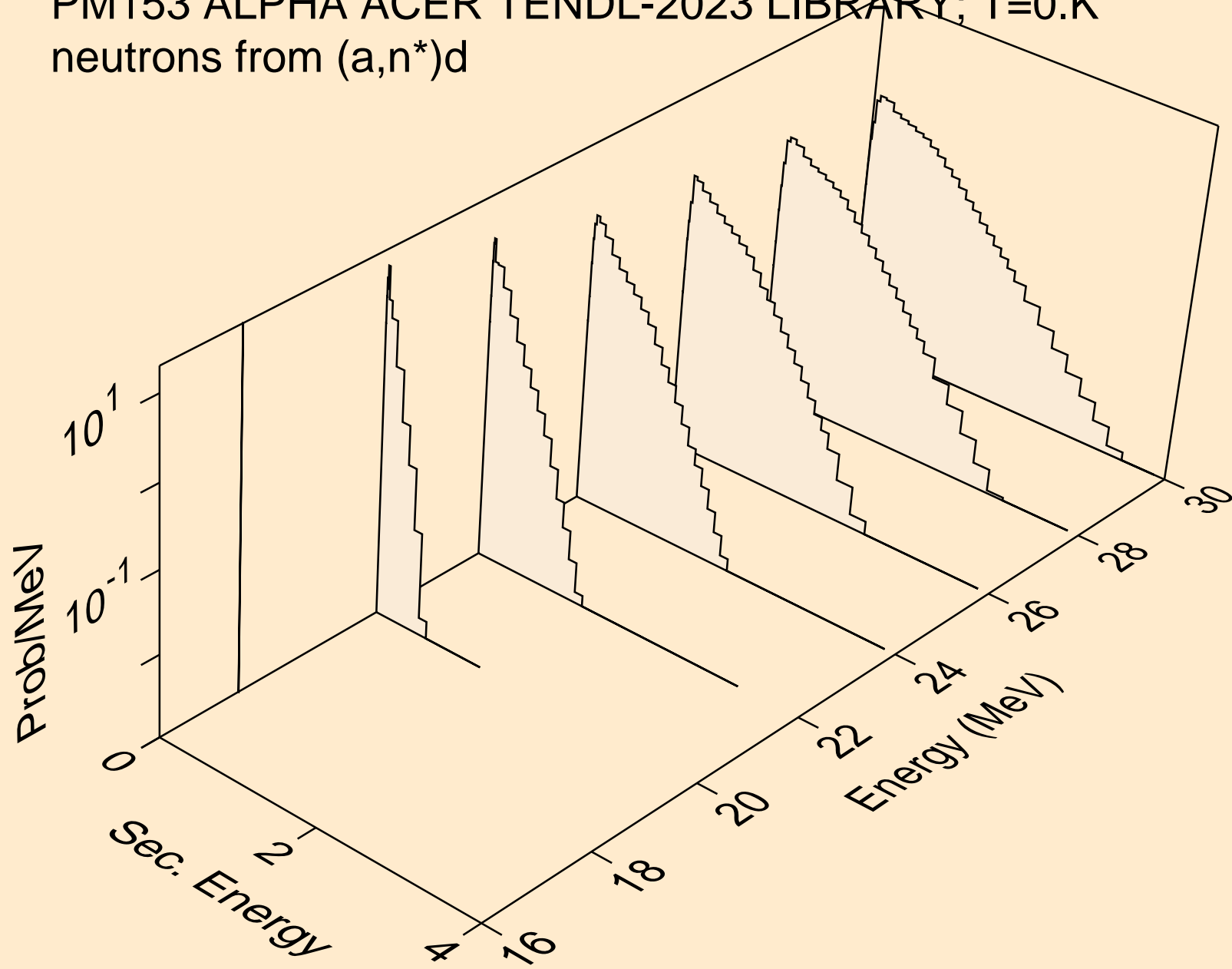
PM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)a



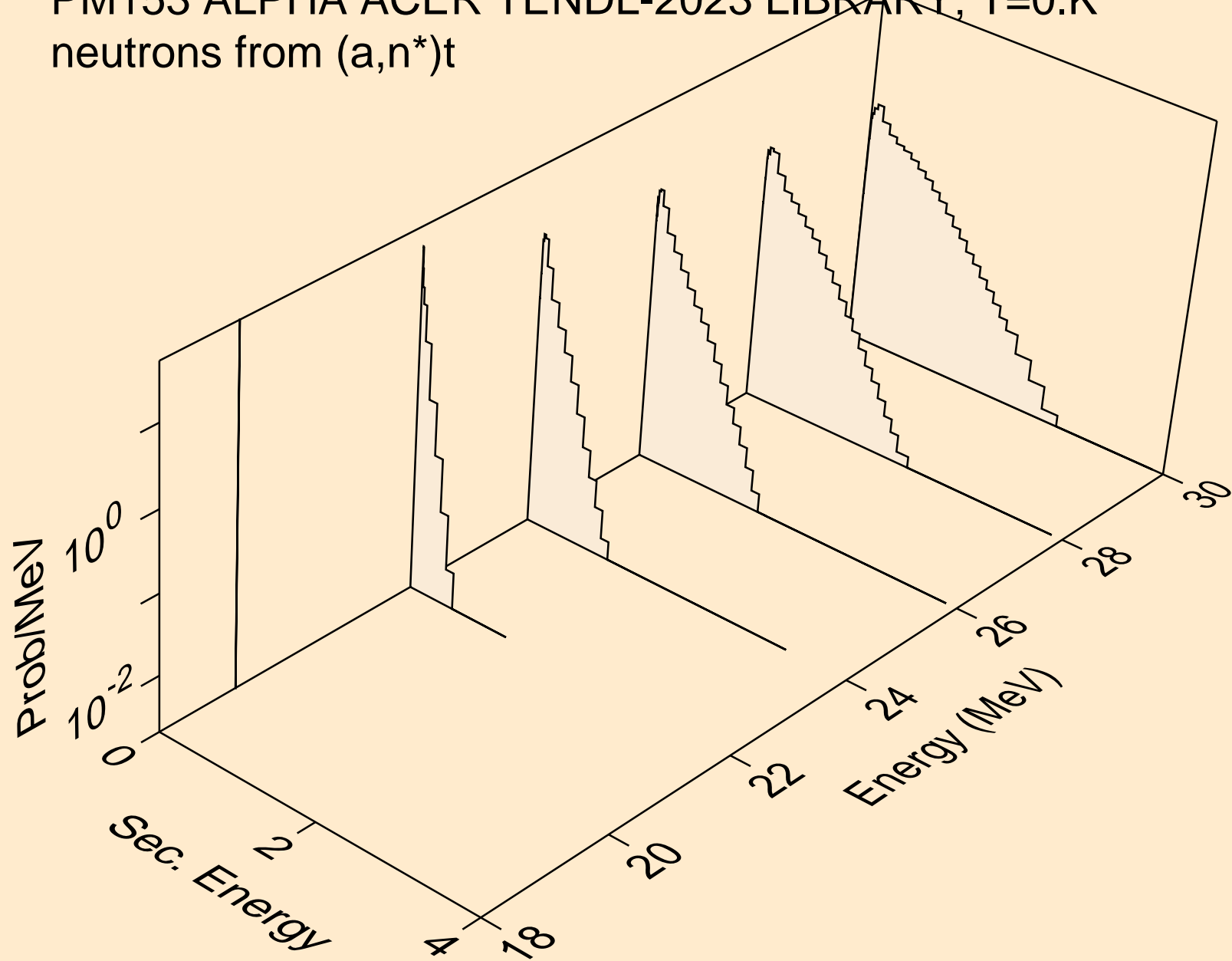
PM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)p



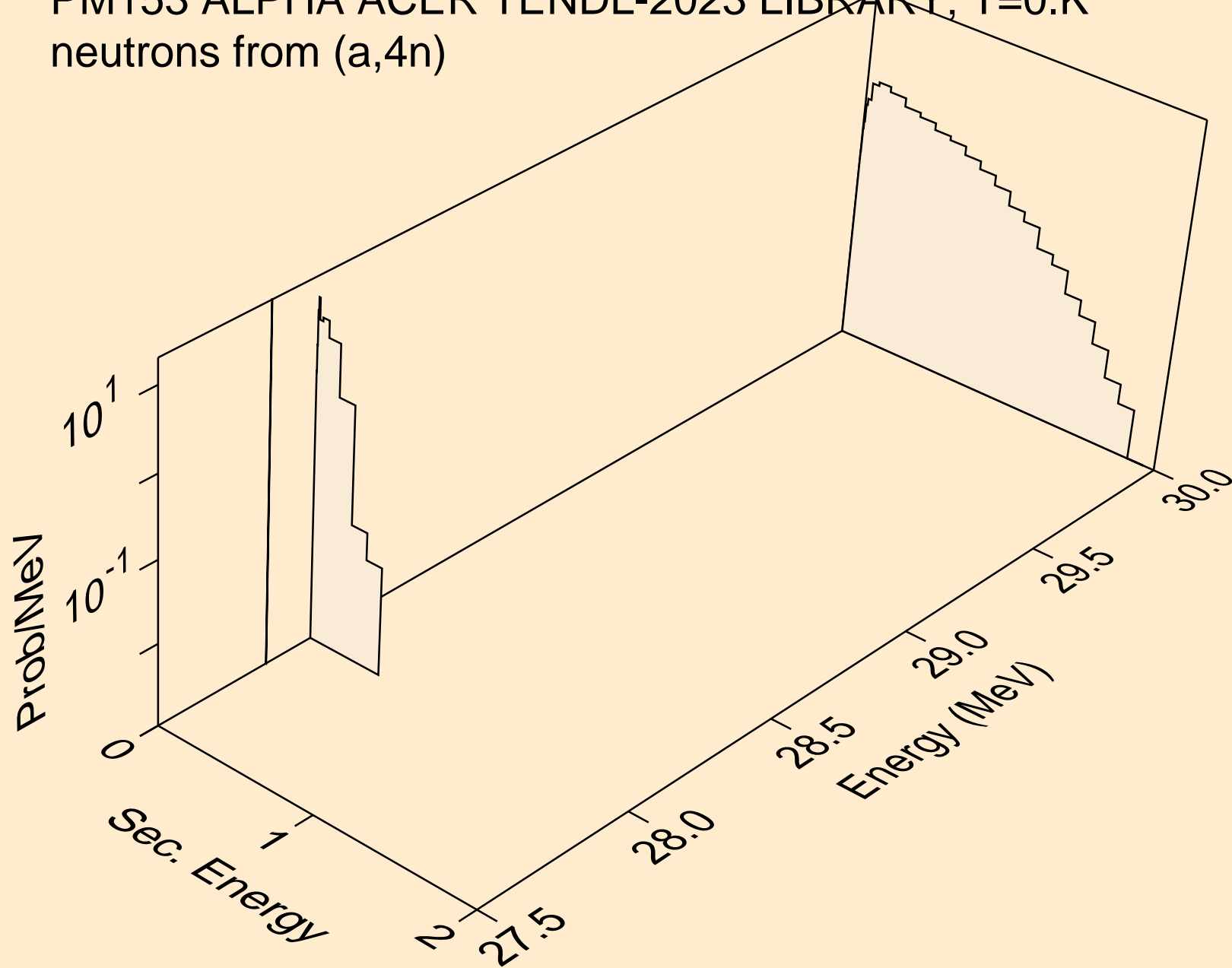
PM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)d



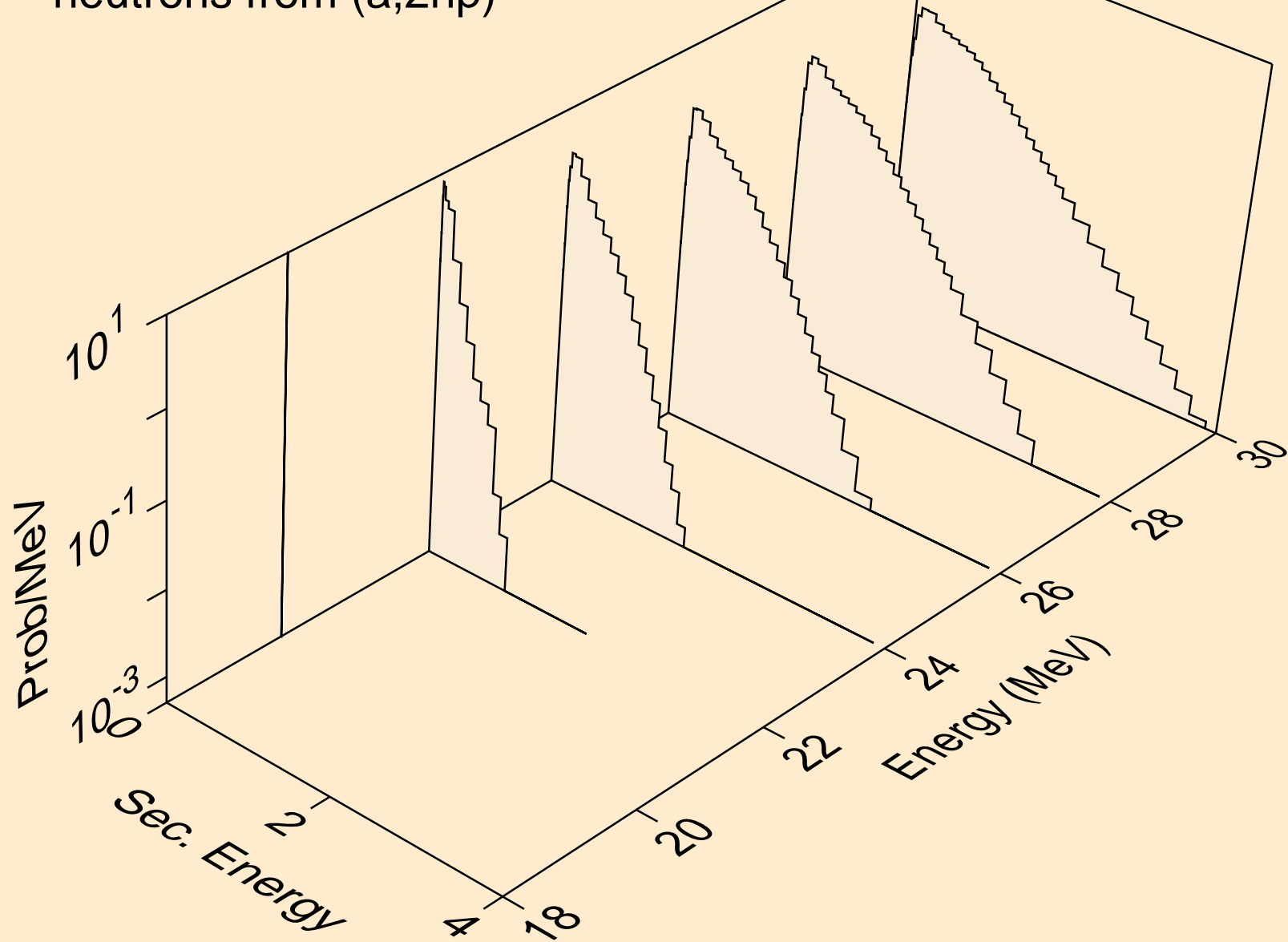
PM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)t



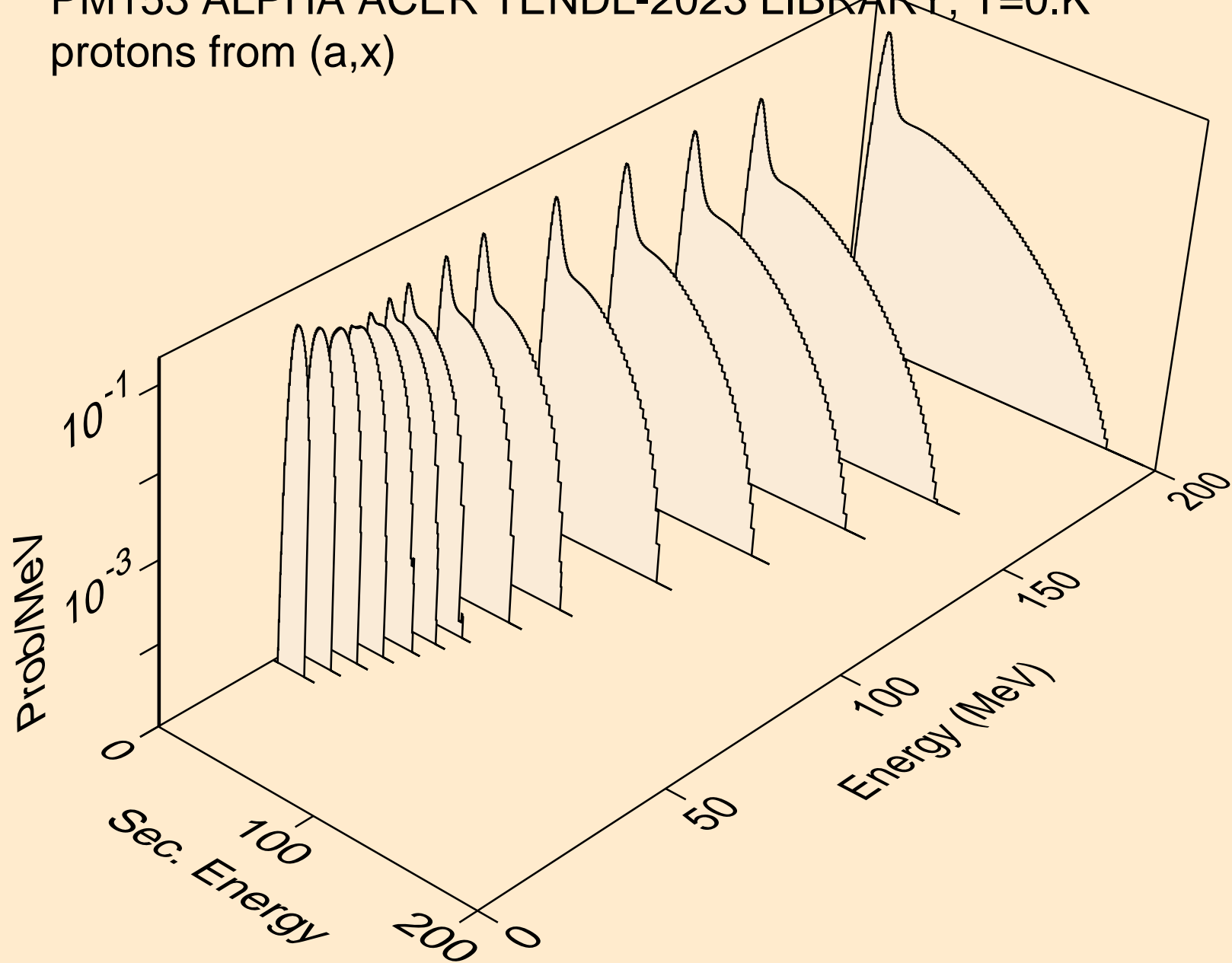
PM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,4n)



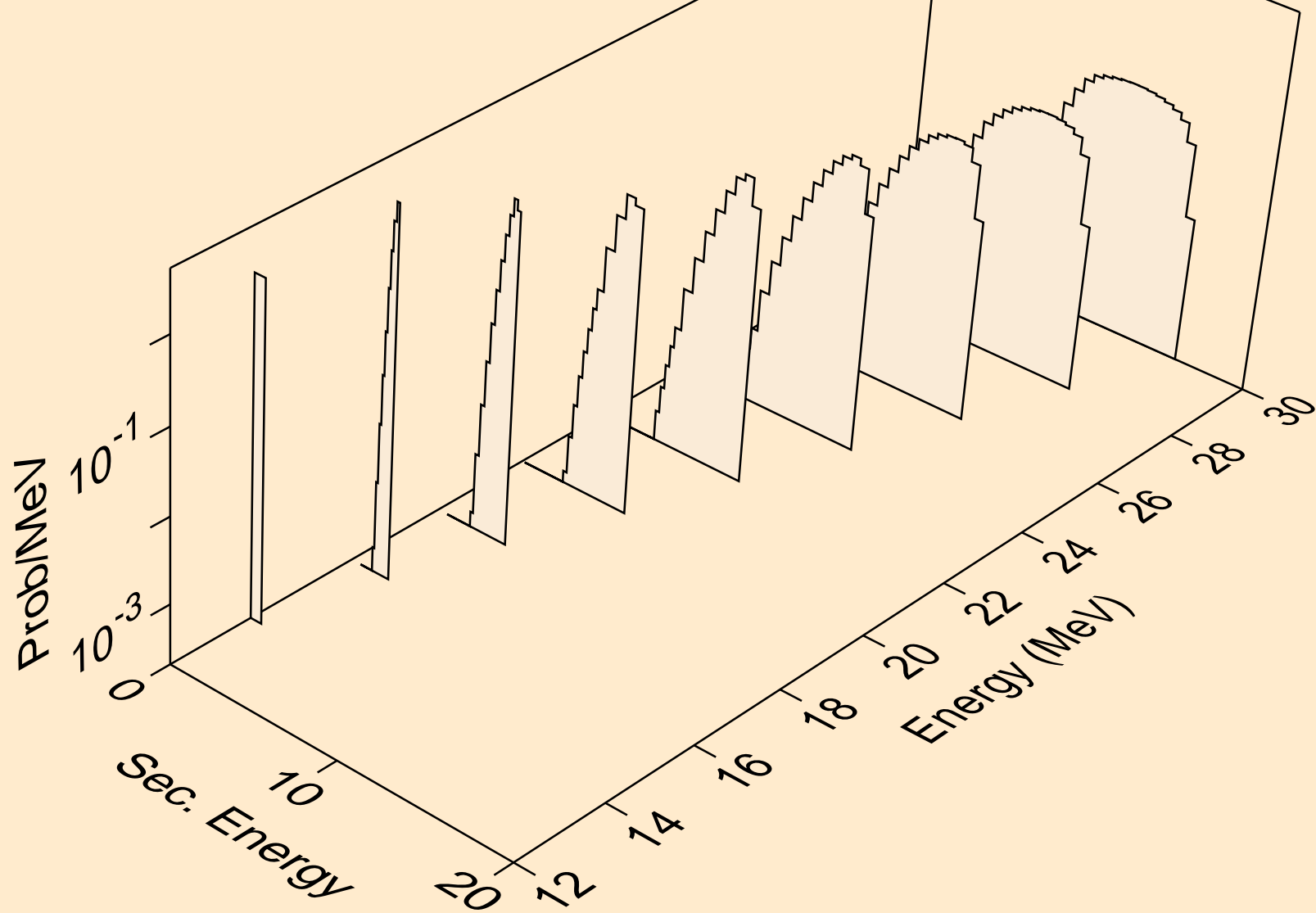
PM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2np)



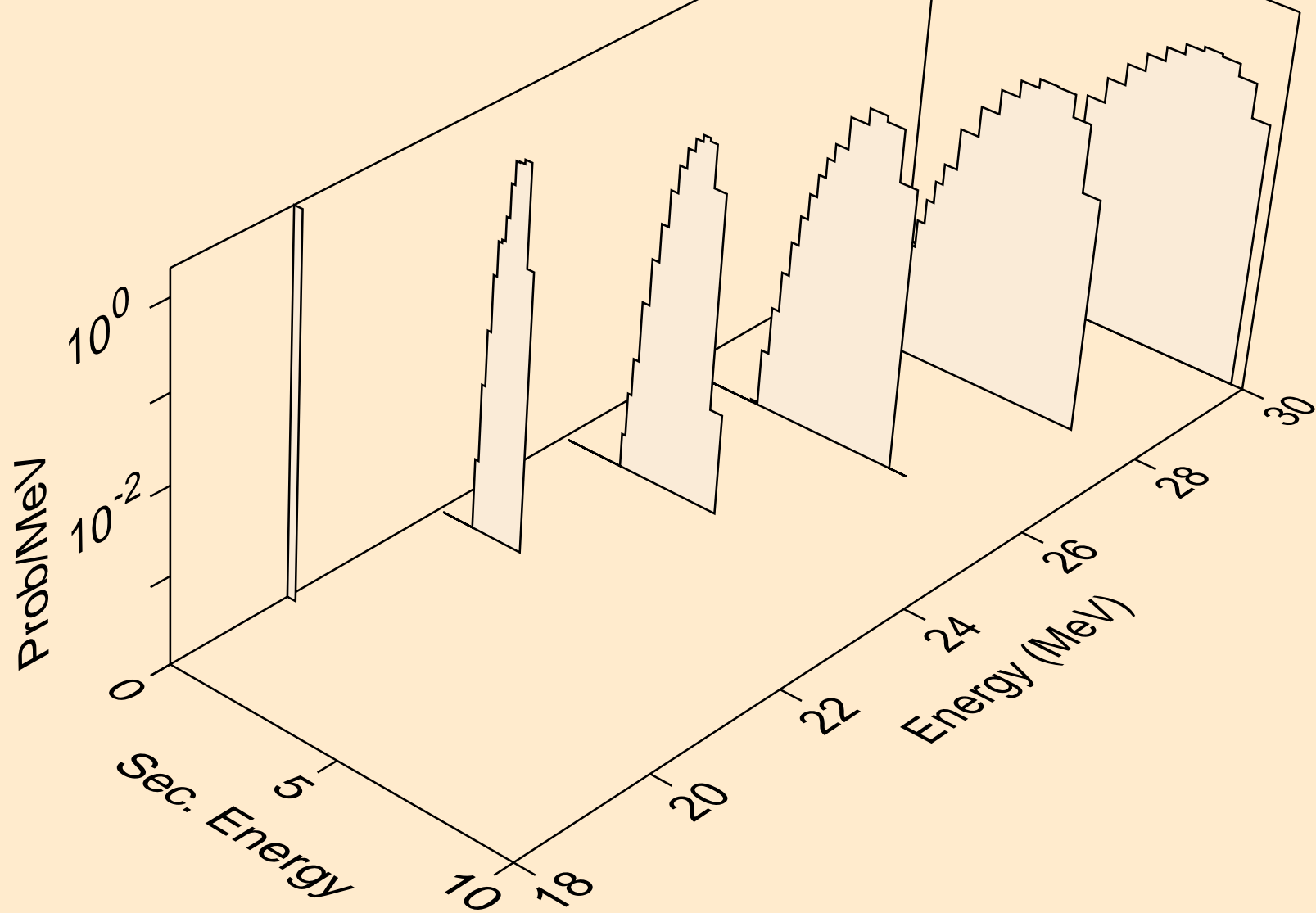
PM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,x)



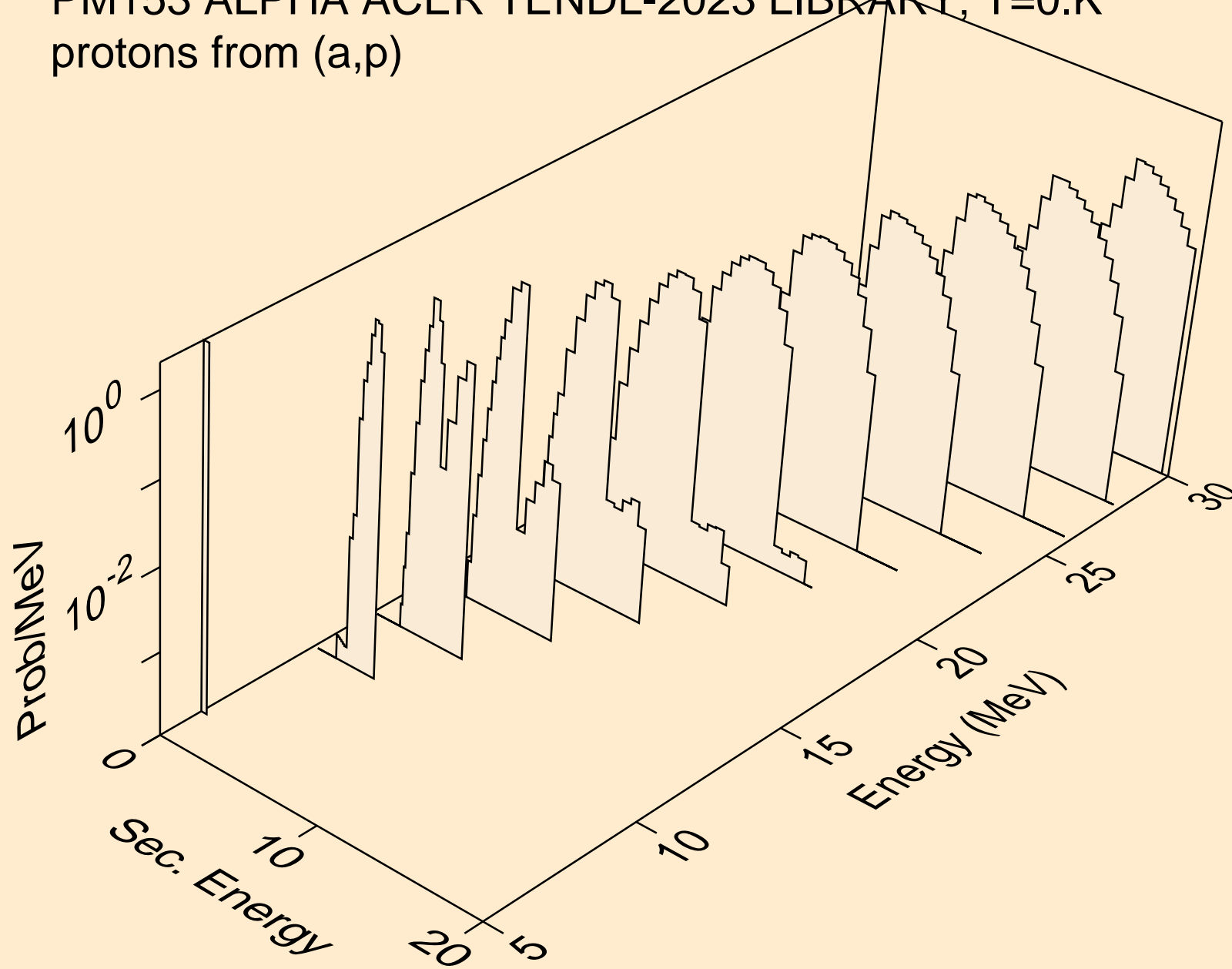
PM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n\*)p



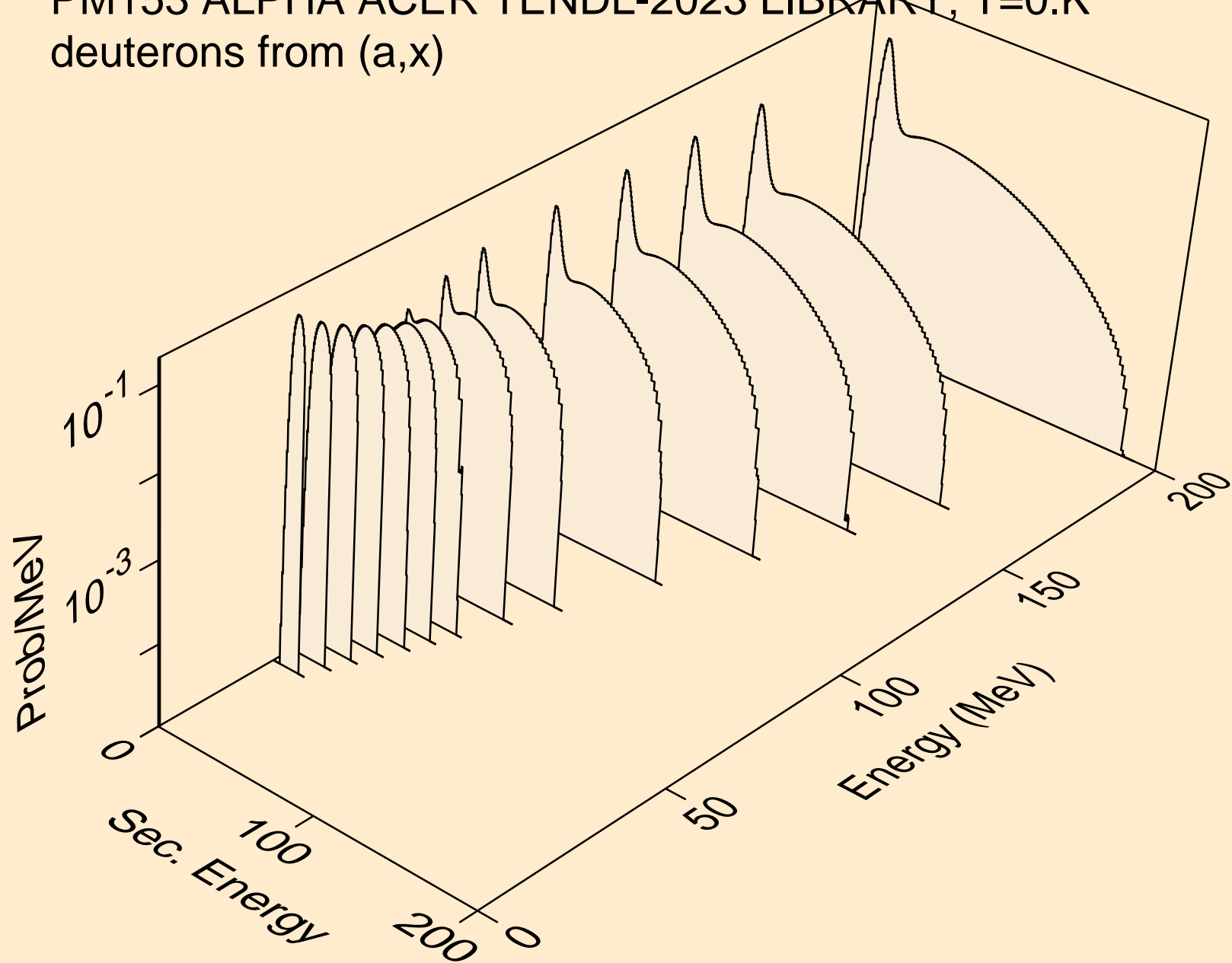
PM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2np)



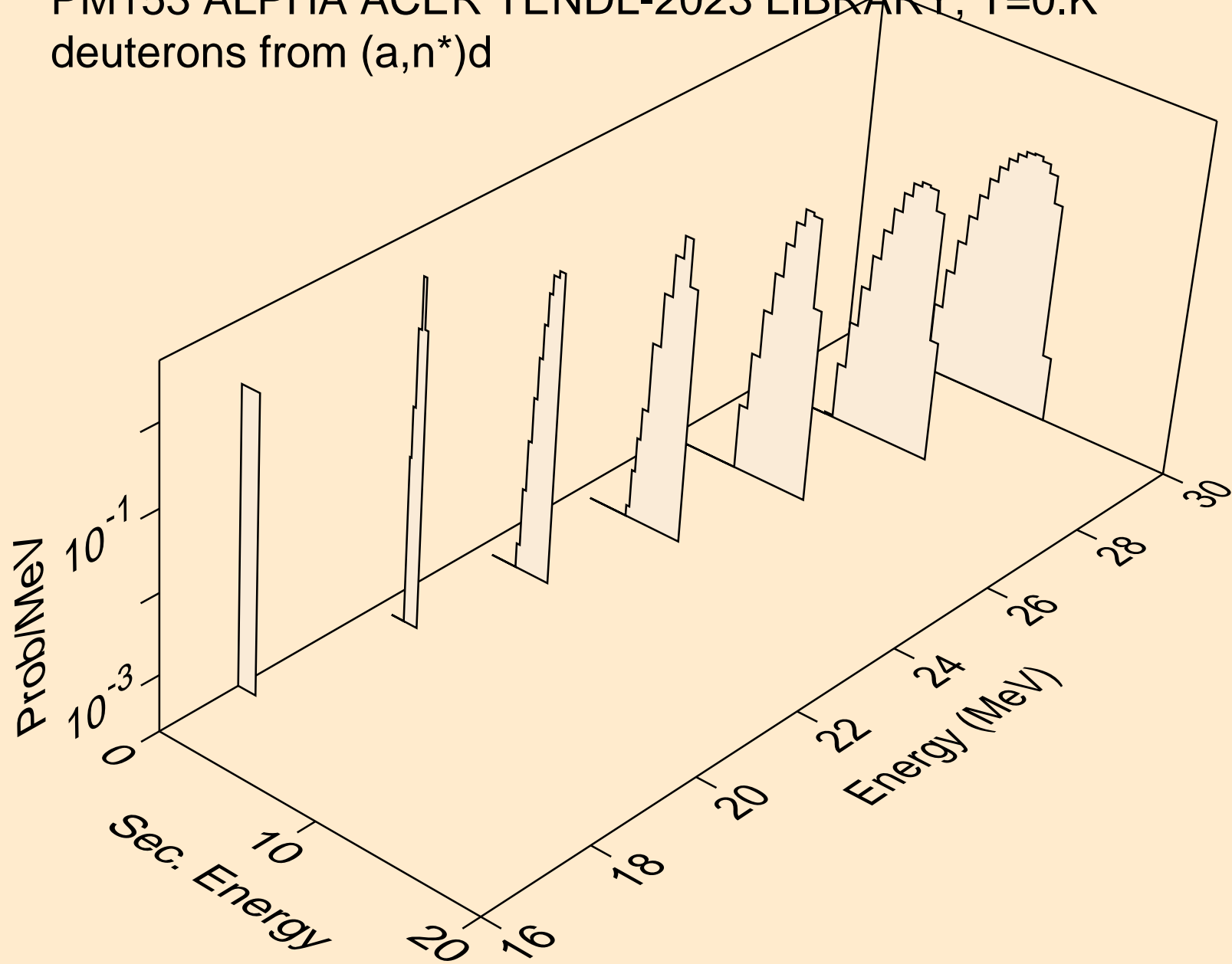
PM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,p)



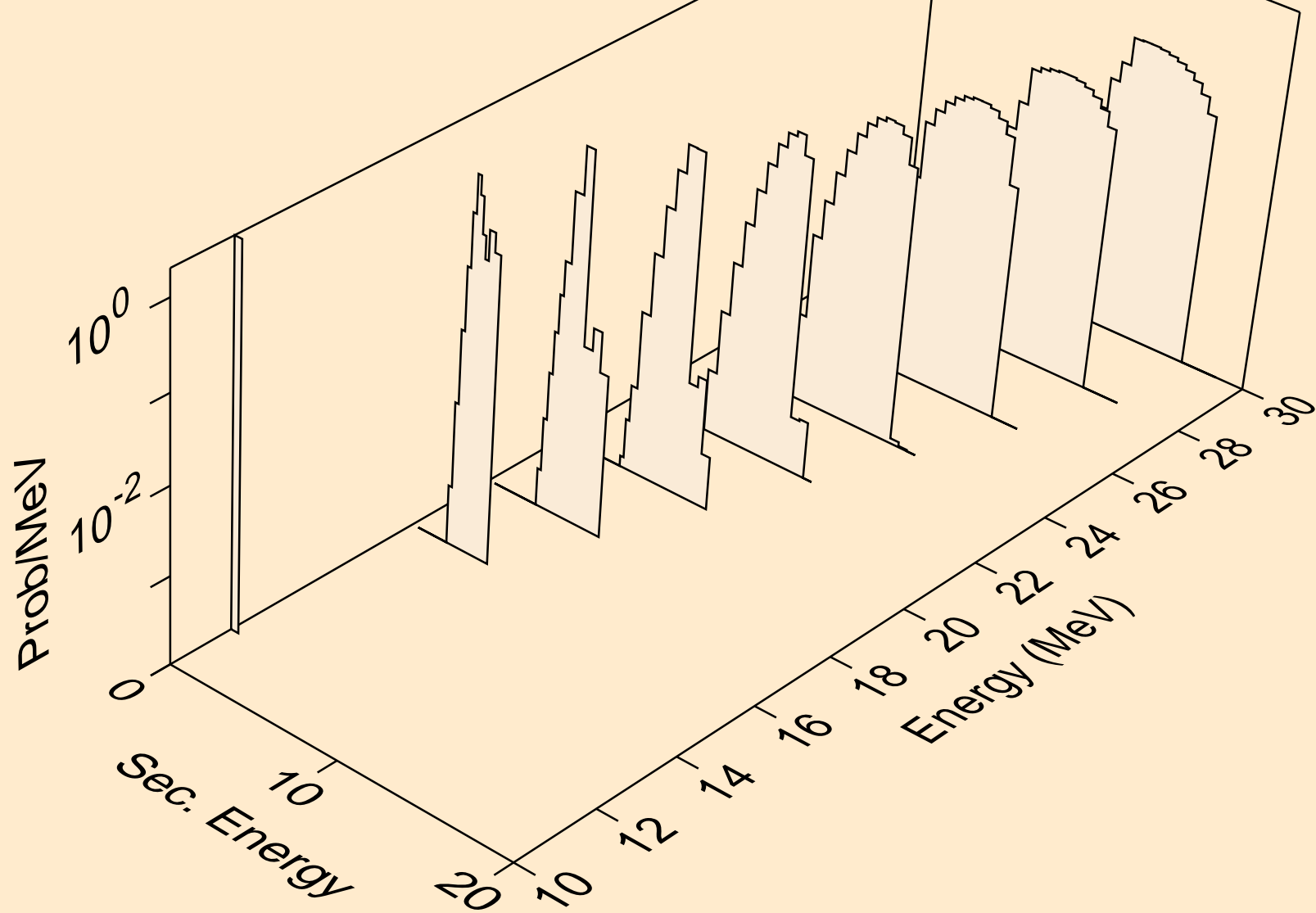
PM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)



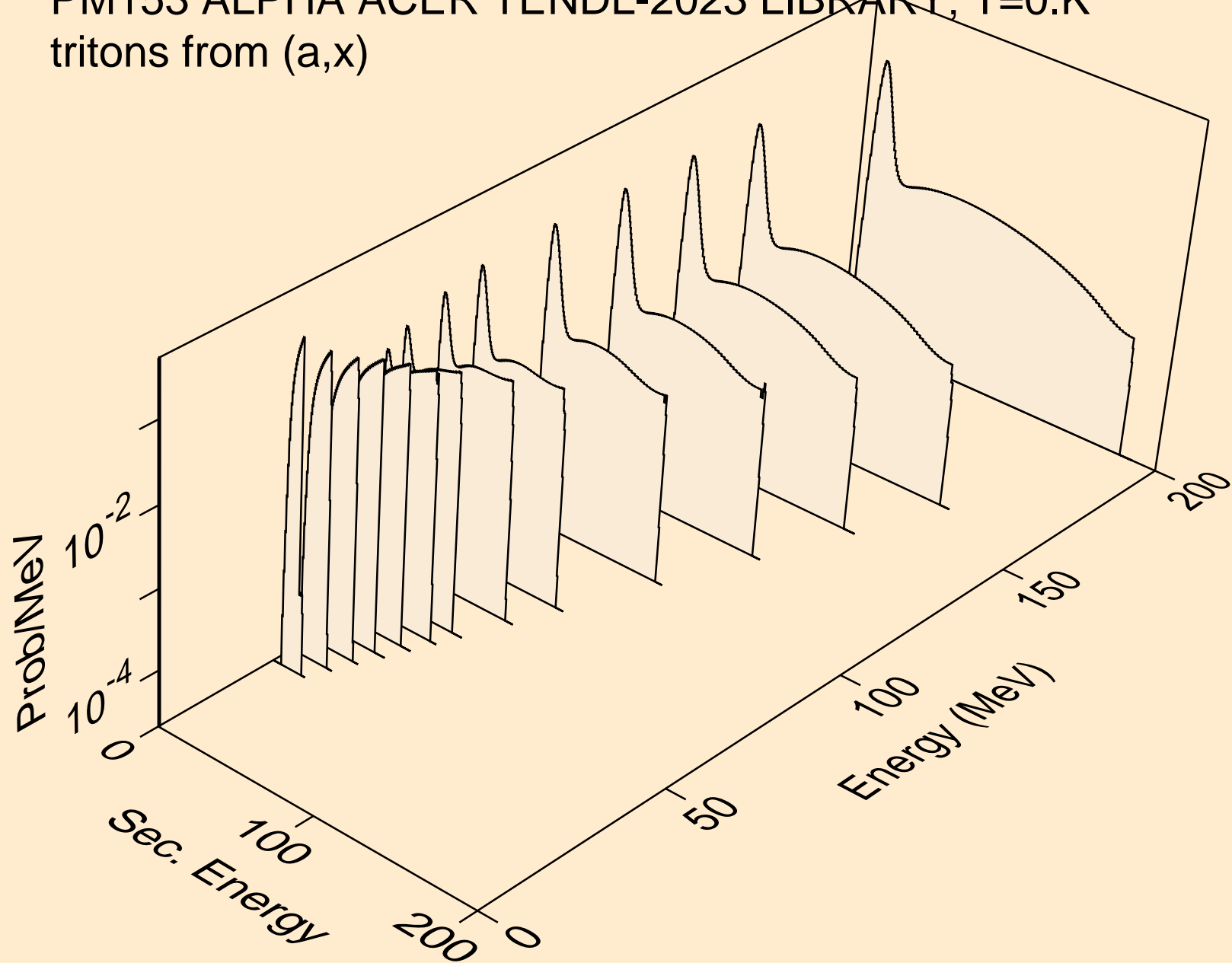
PM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,n\*)d



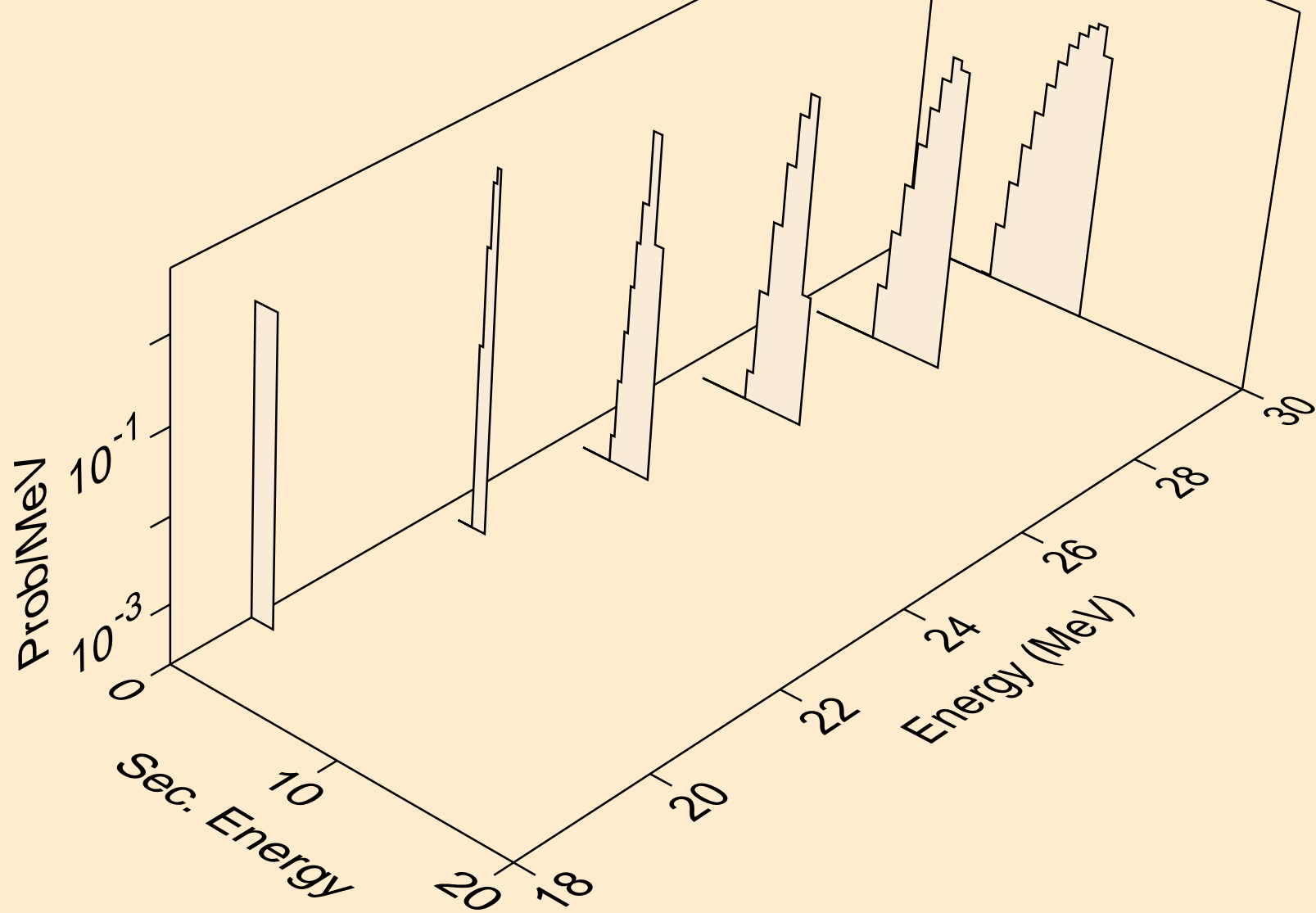
PM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,d)



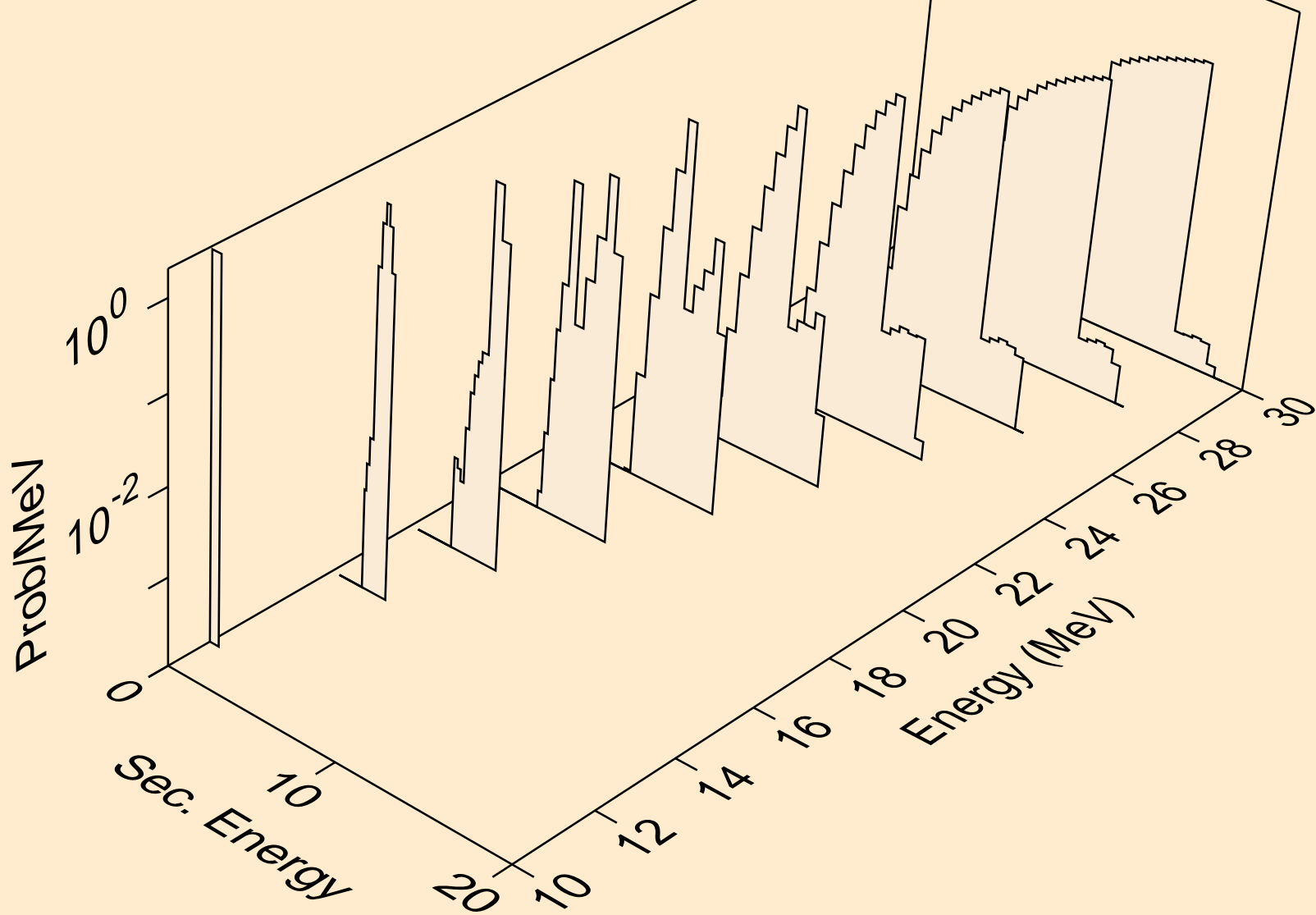
PM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)



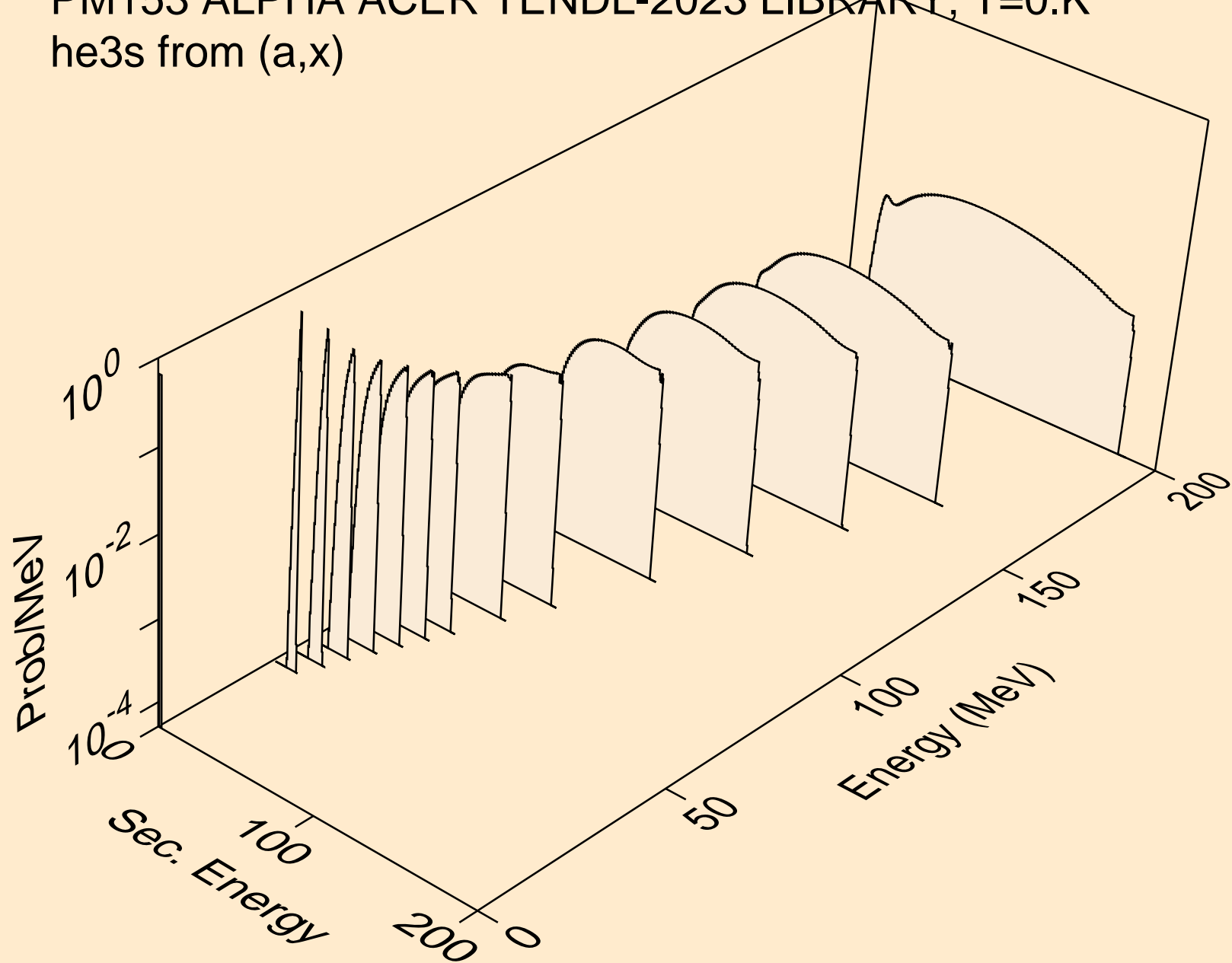
PM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,n\*)t



PM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)



PM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



PM153 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

