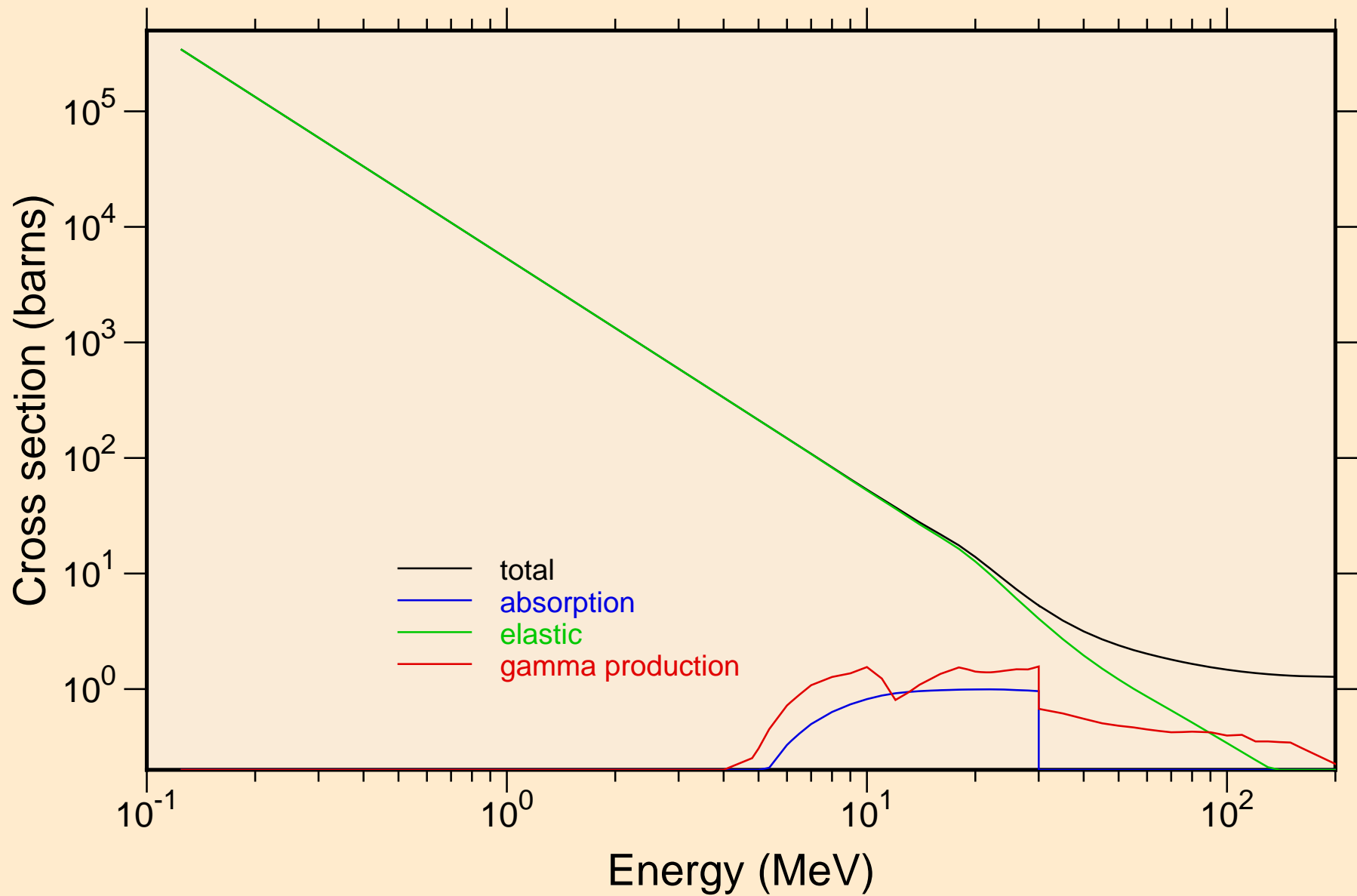
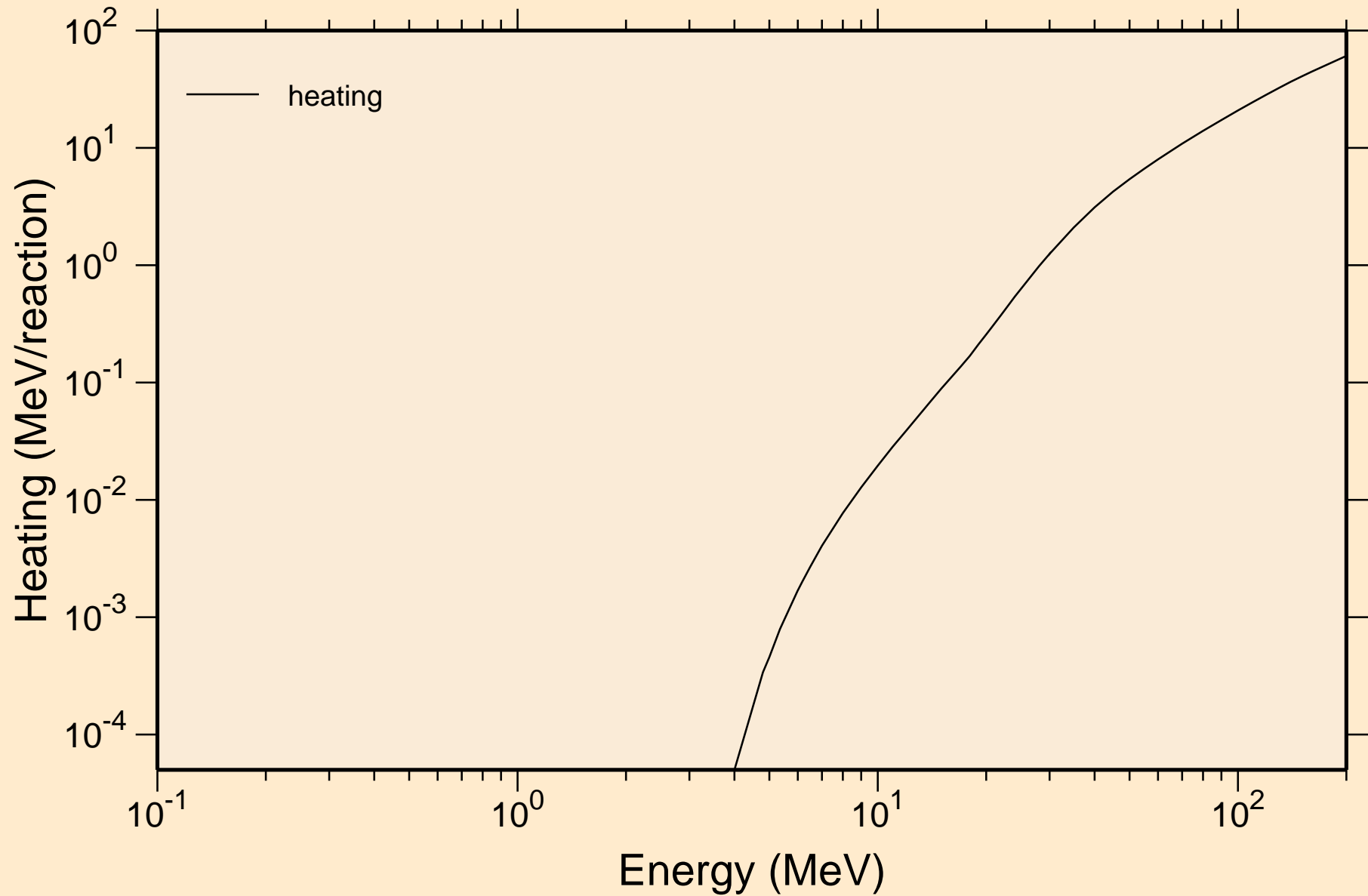


AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Principal cross sections



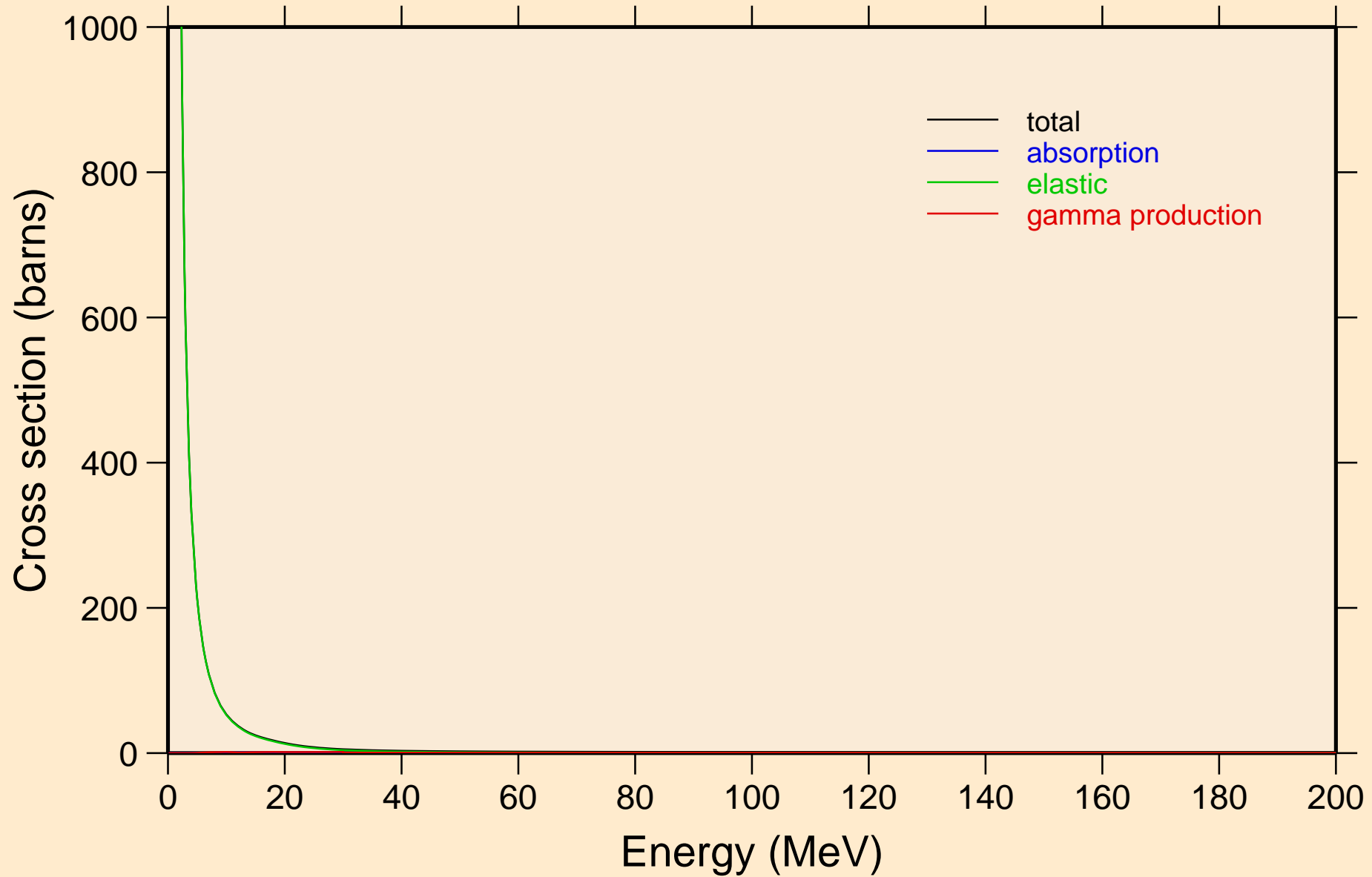
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Heating



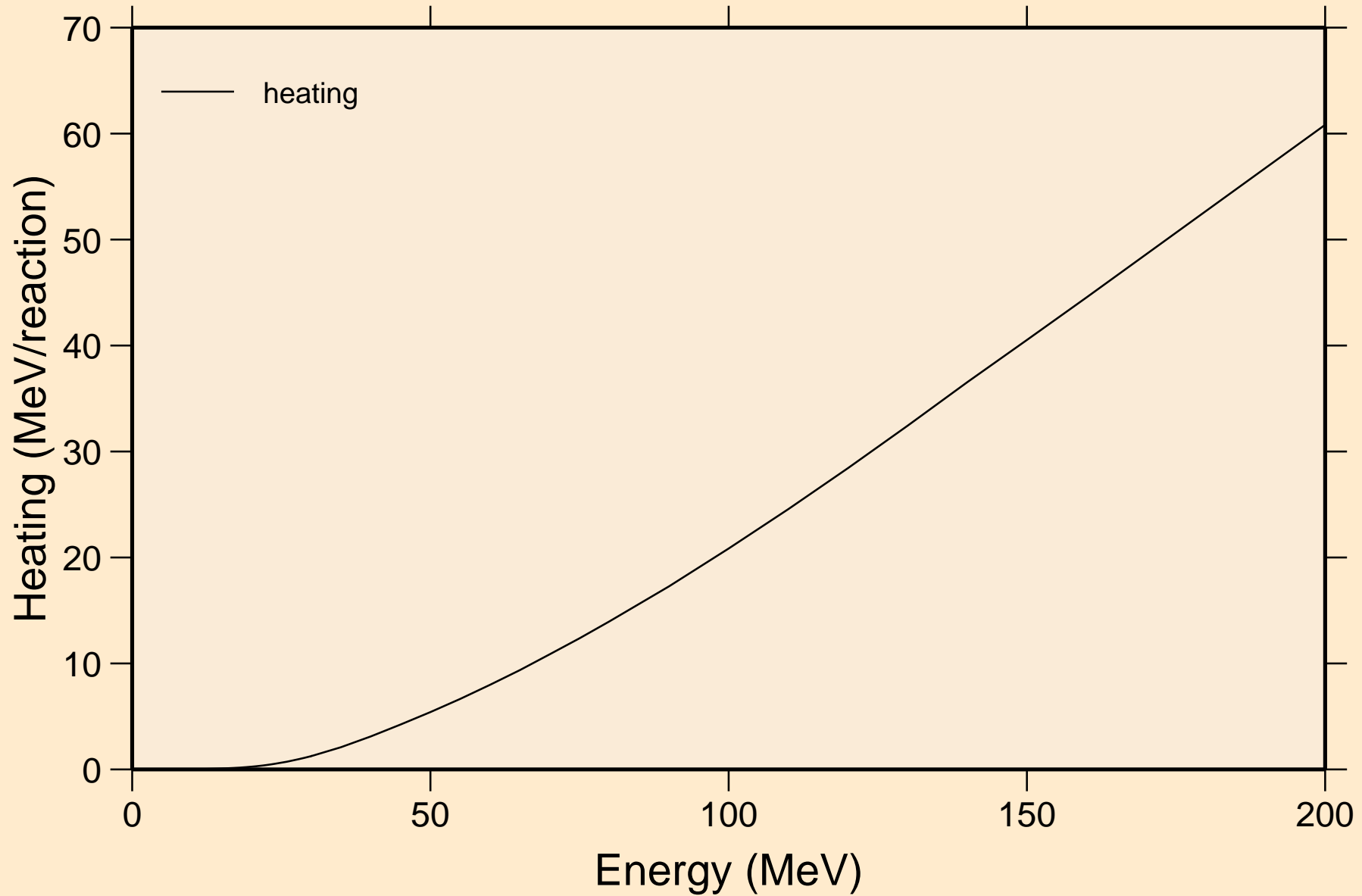
# AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

## Principal cross sections



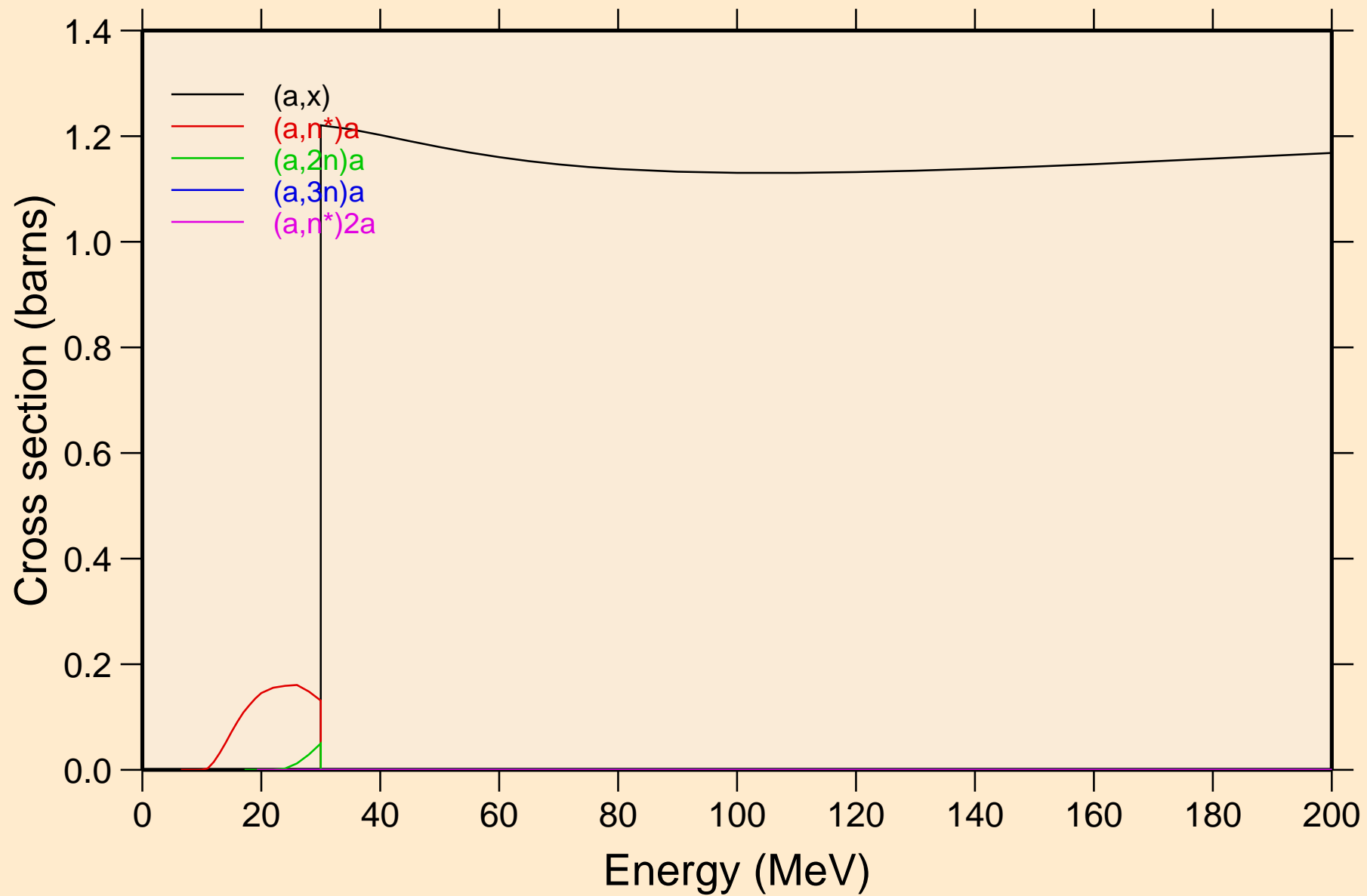
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Heating

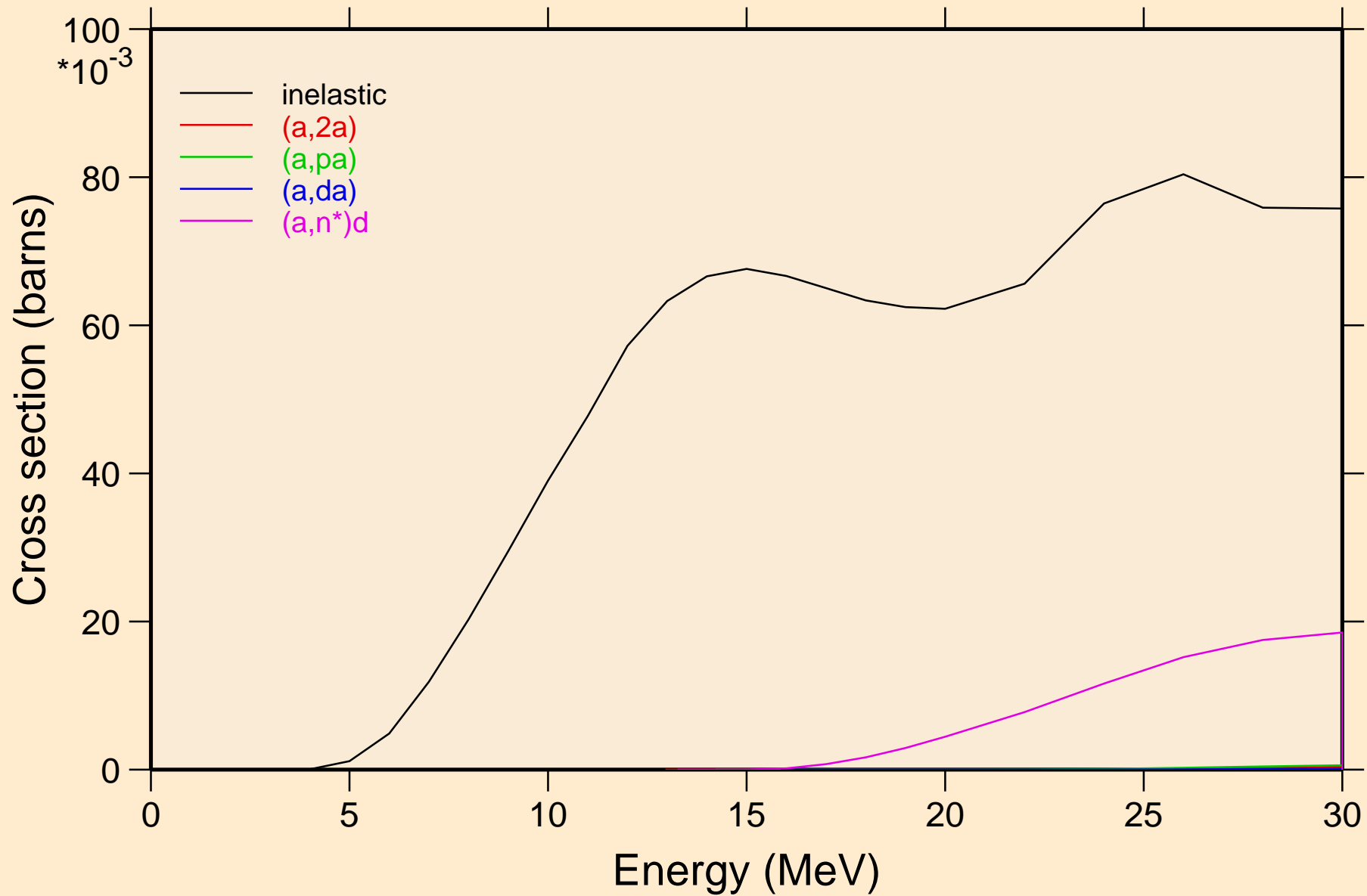


# AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

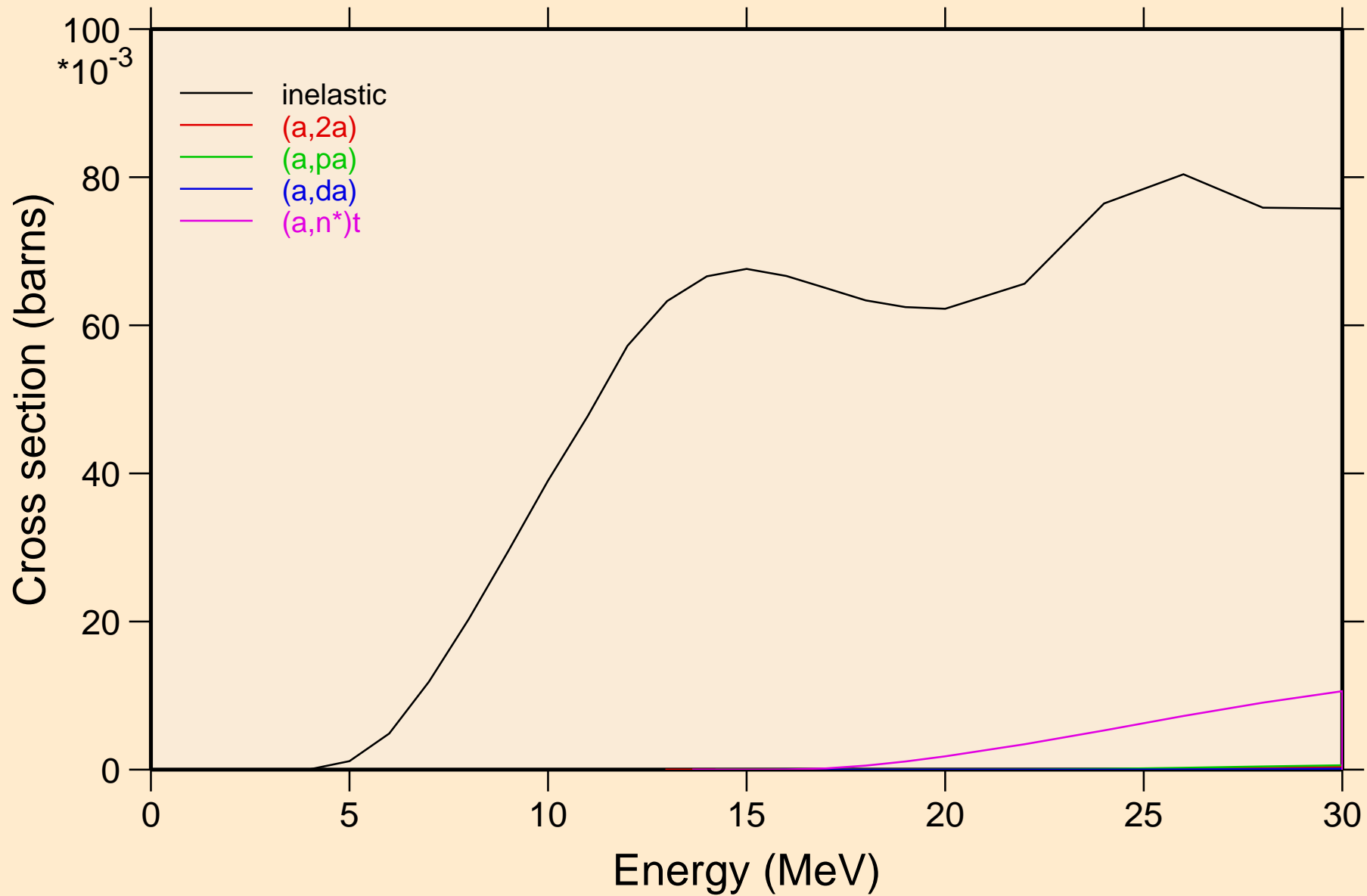
## Threshold reactions



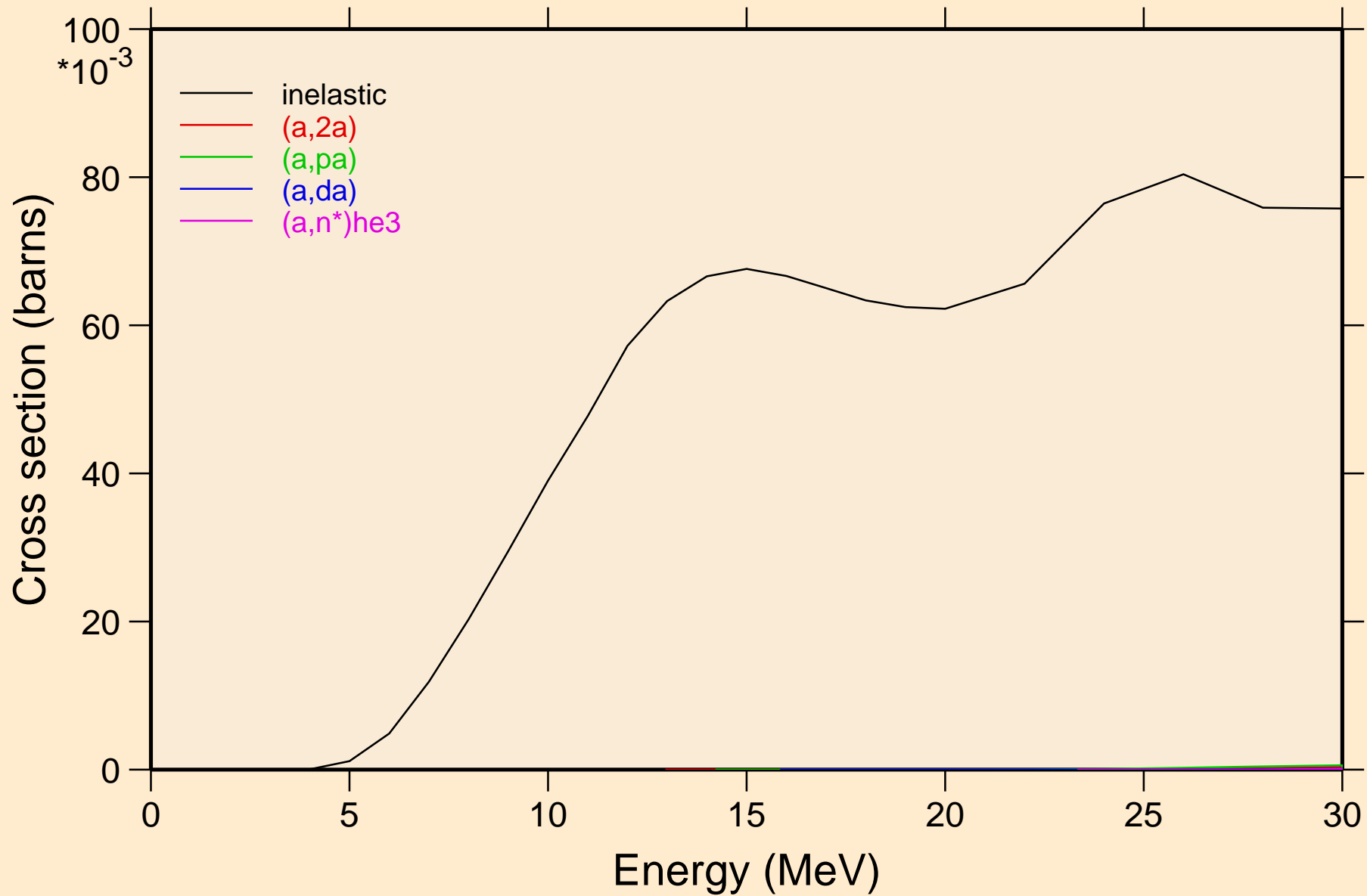
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

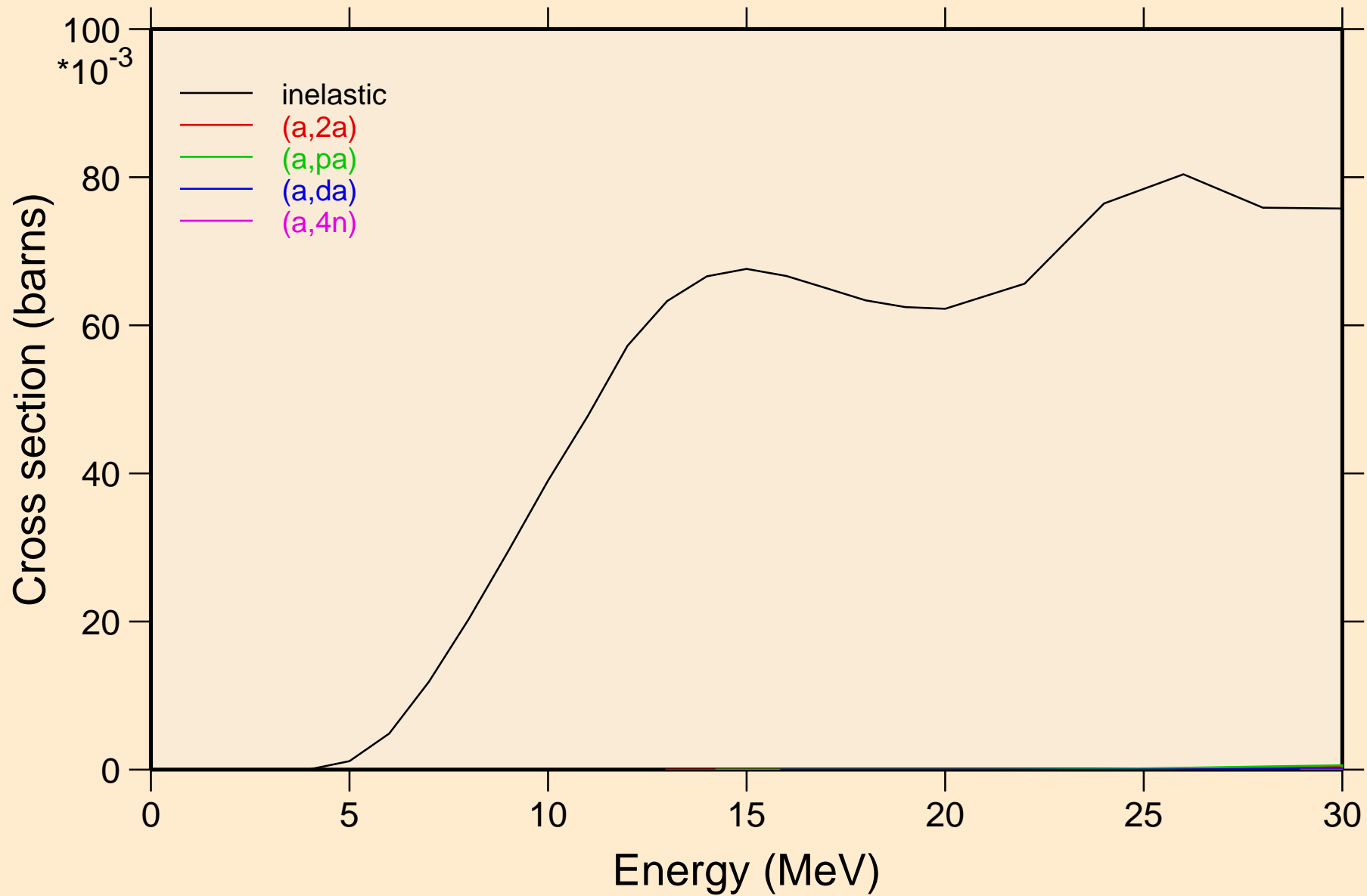


AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

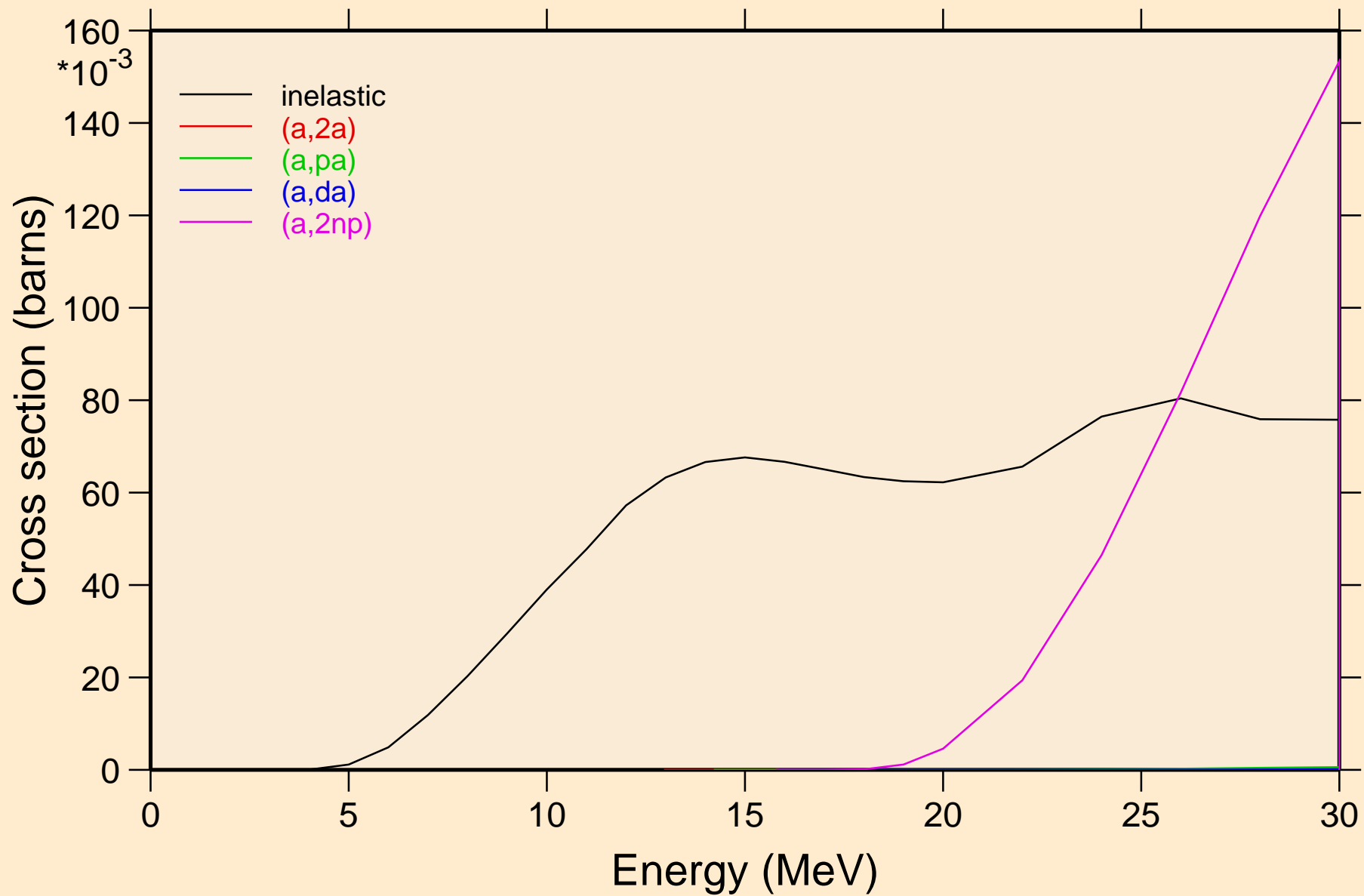




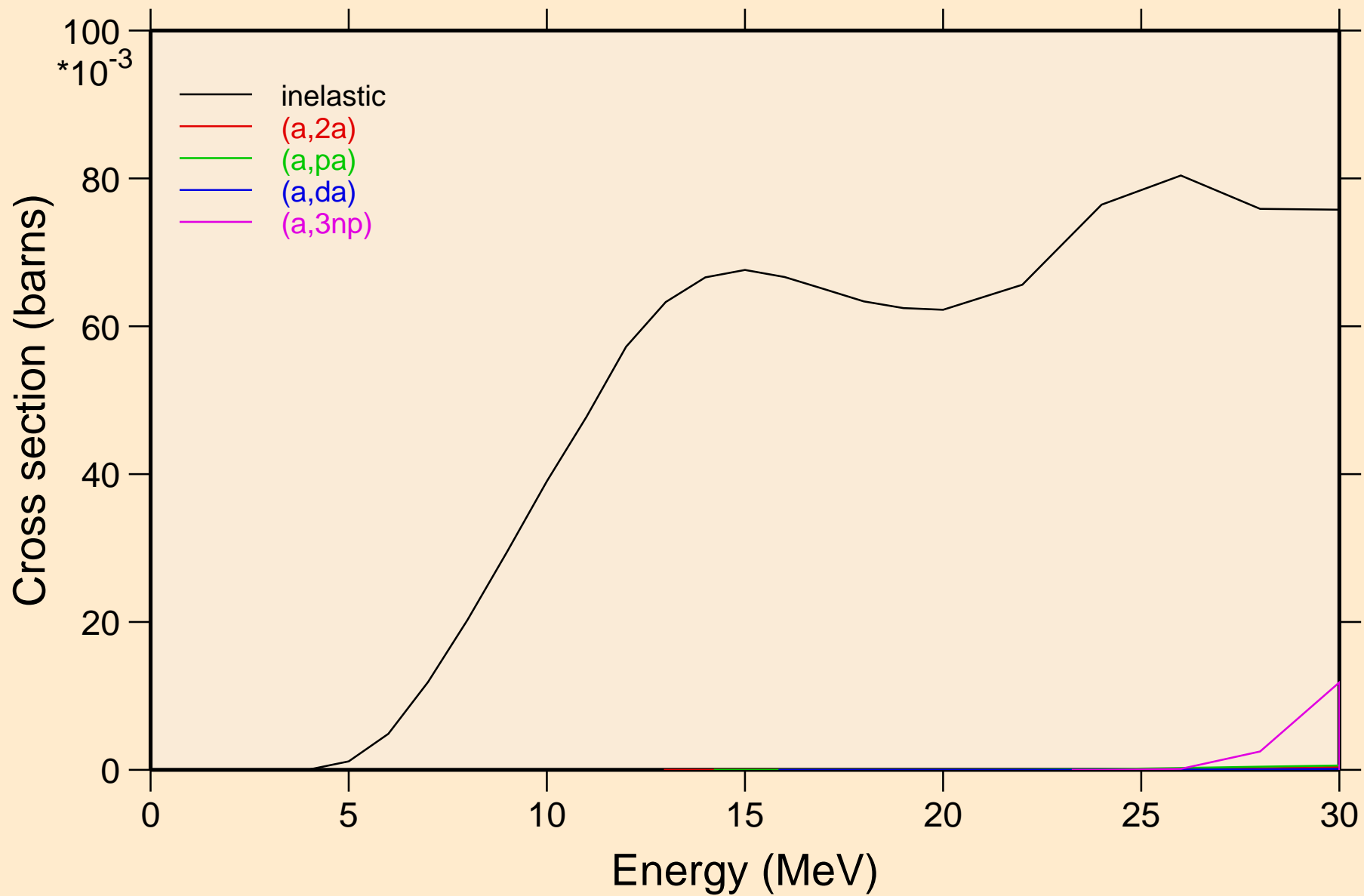
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



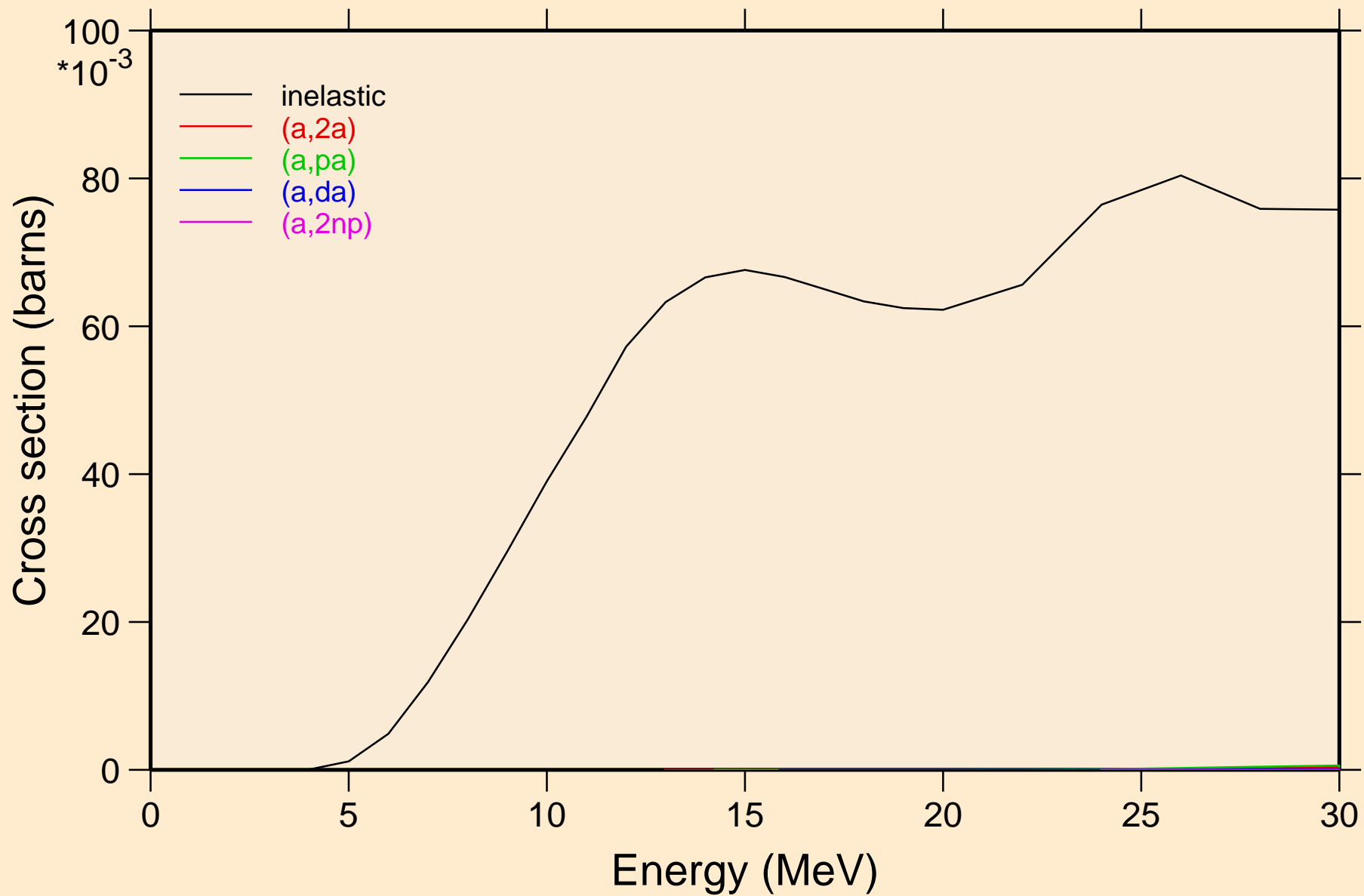
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



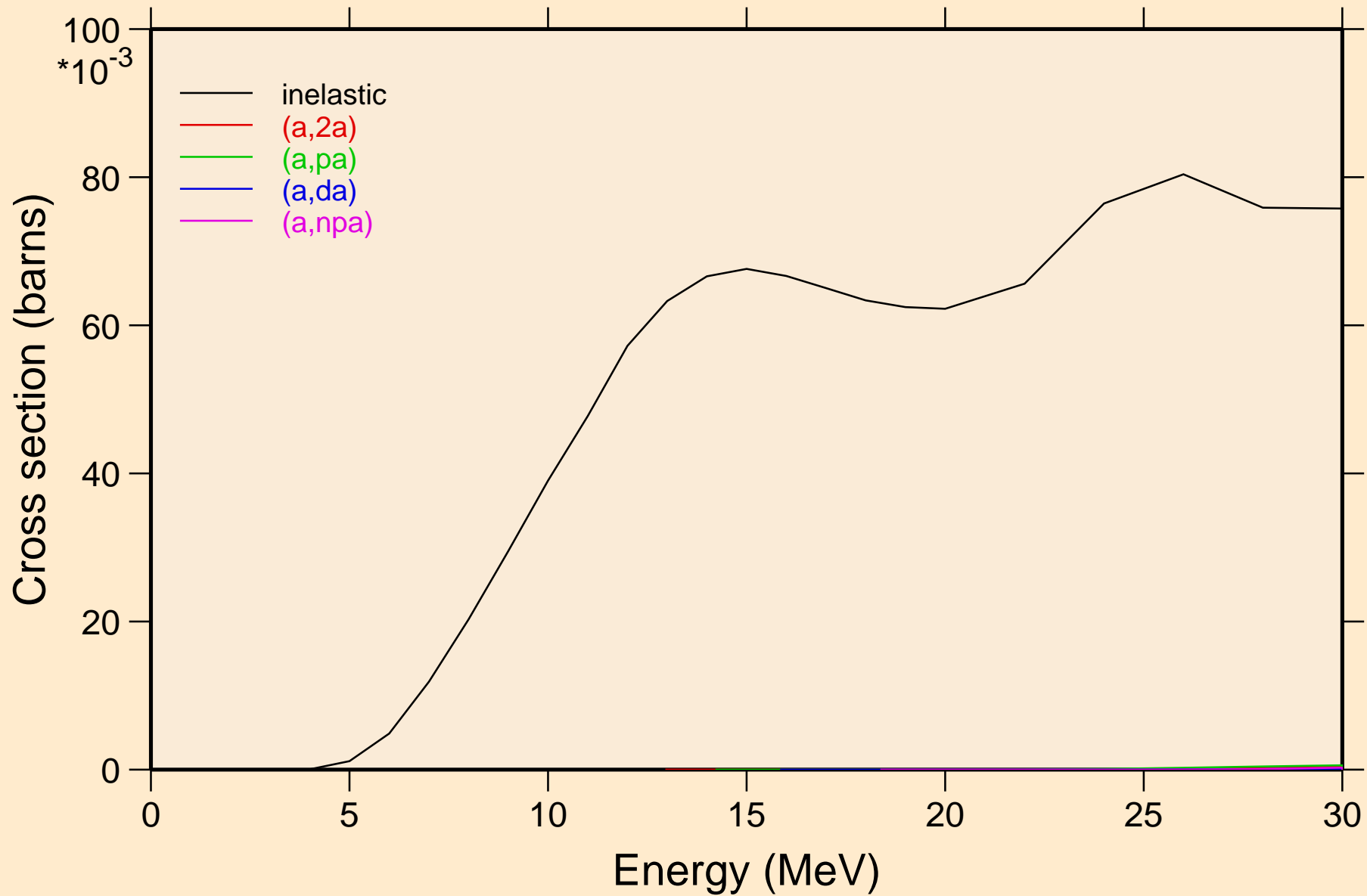
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



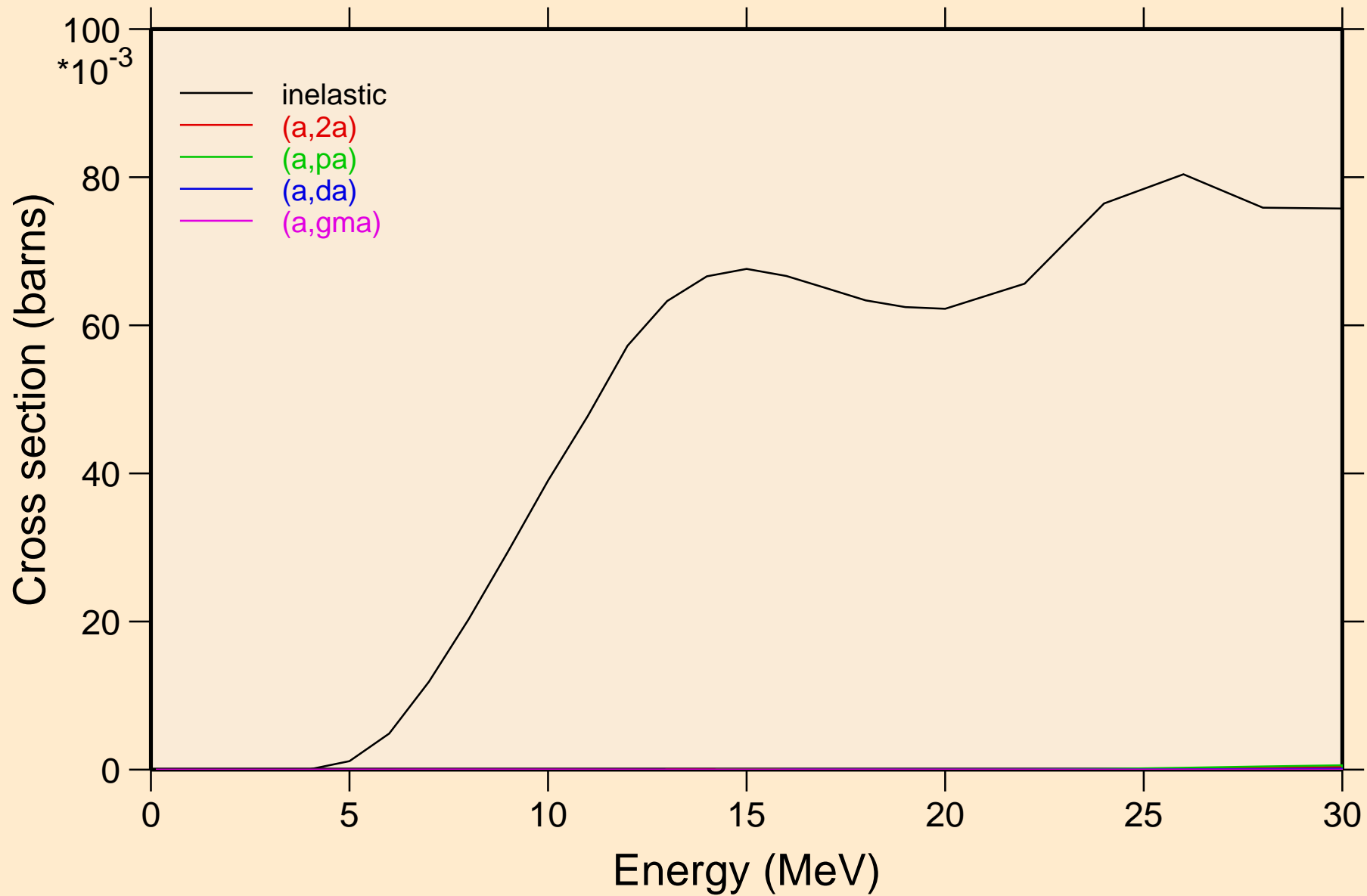
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



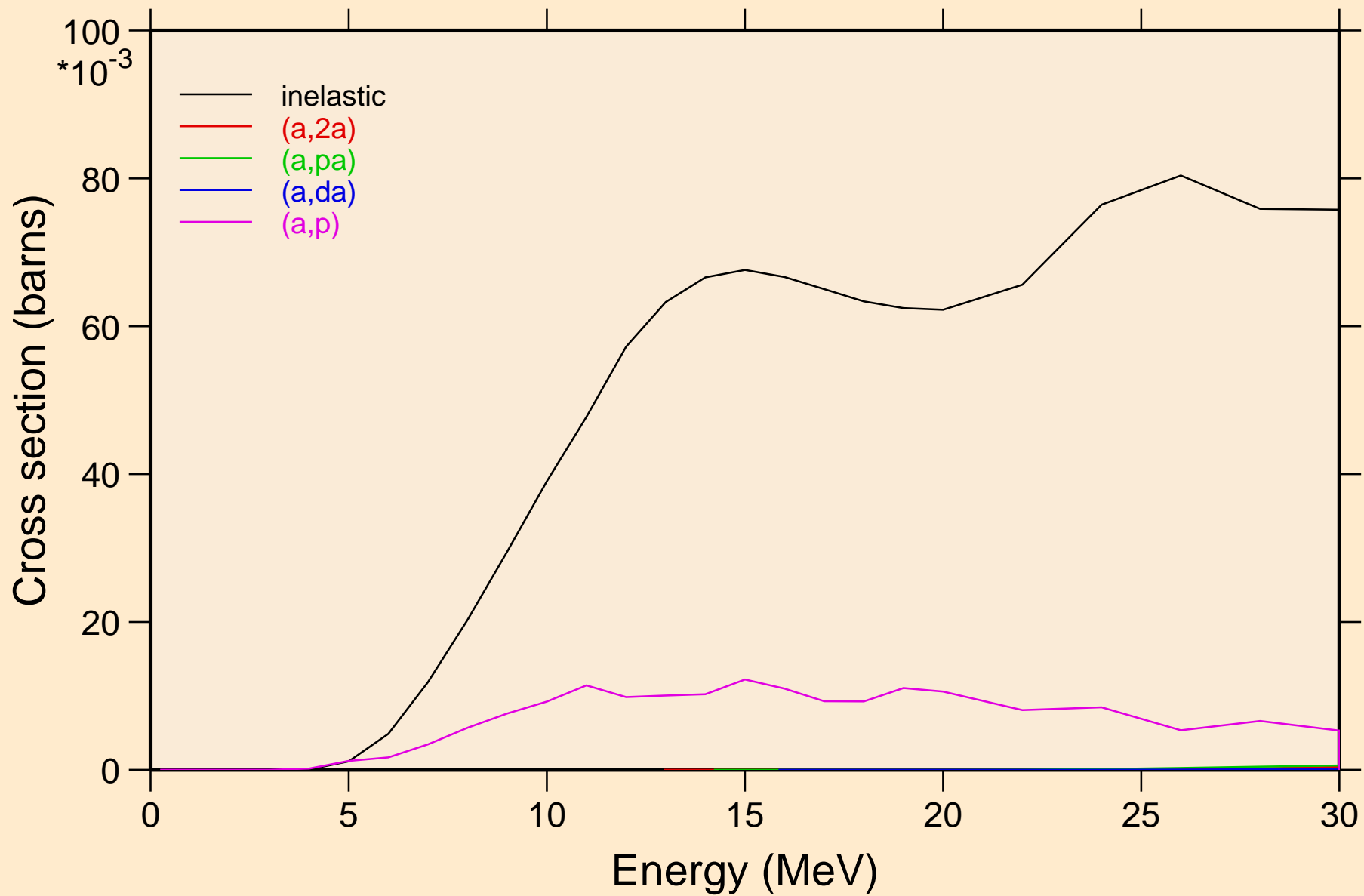
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



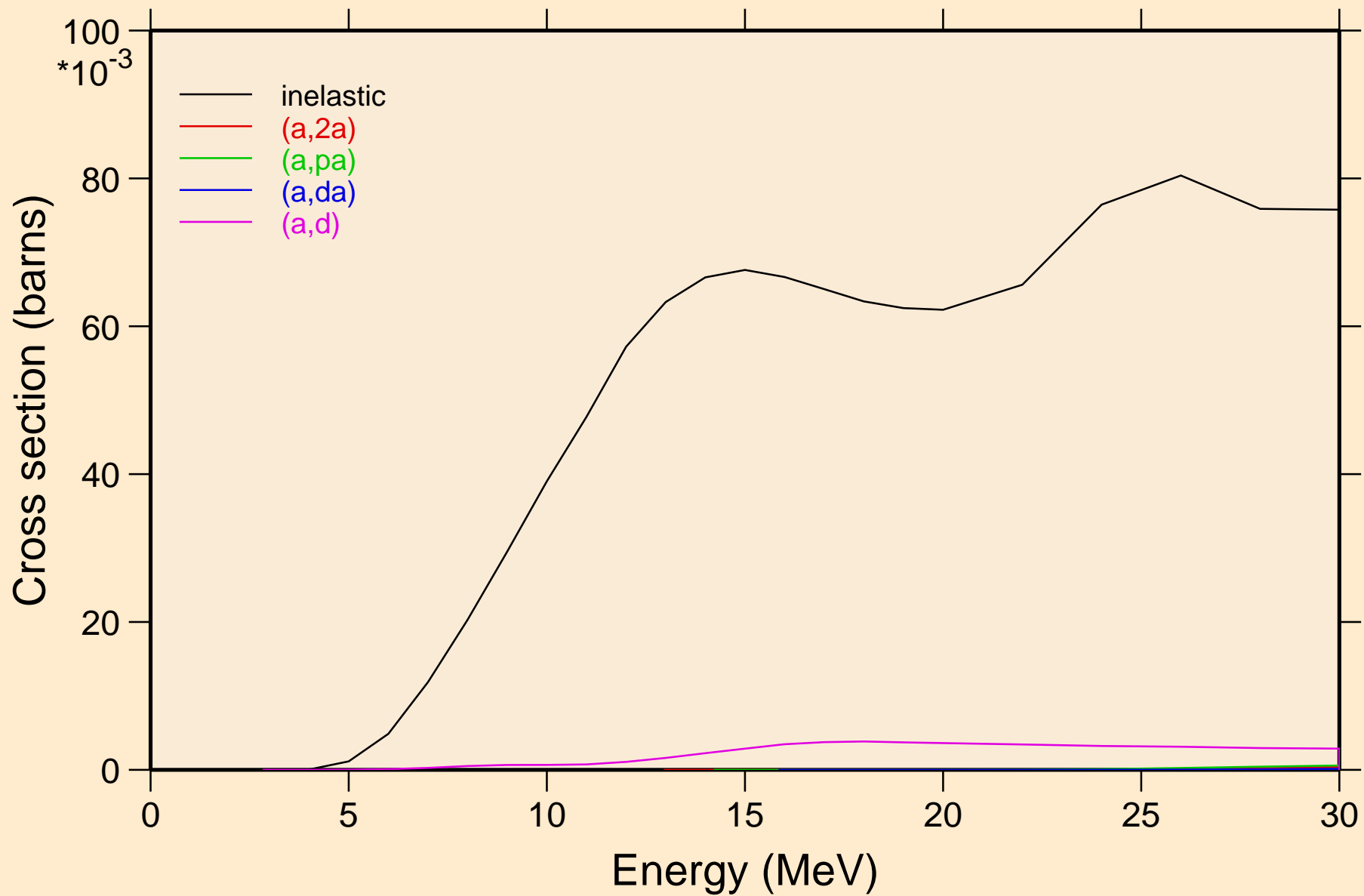
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

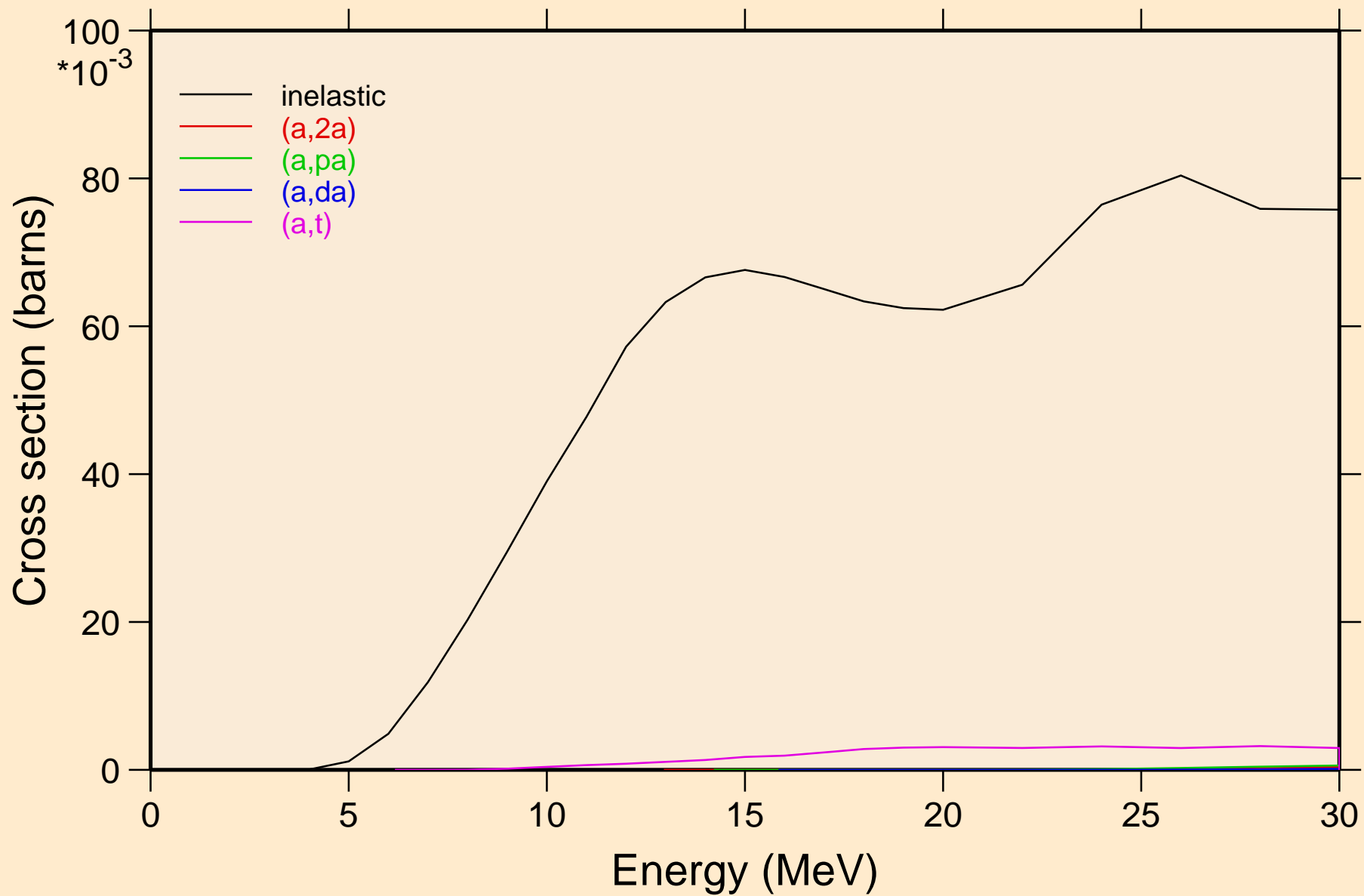


AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions

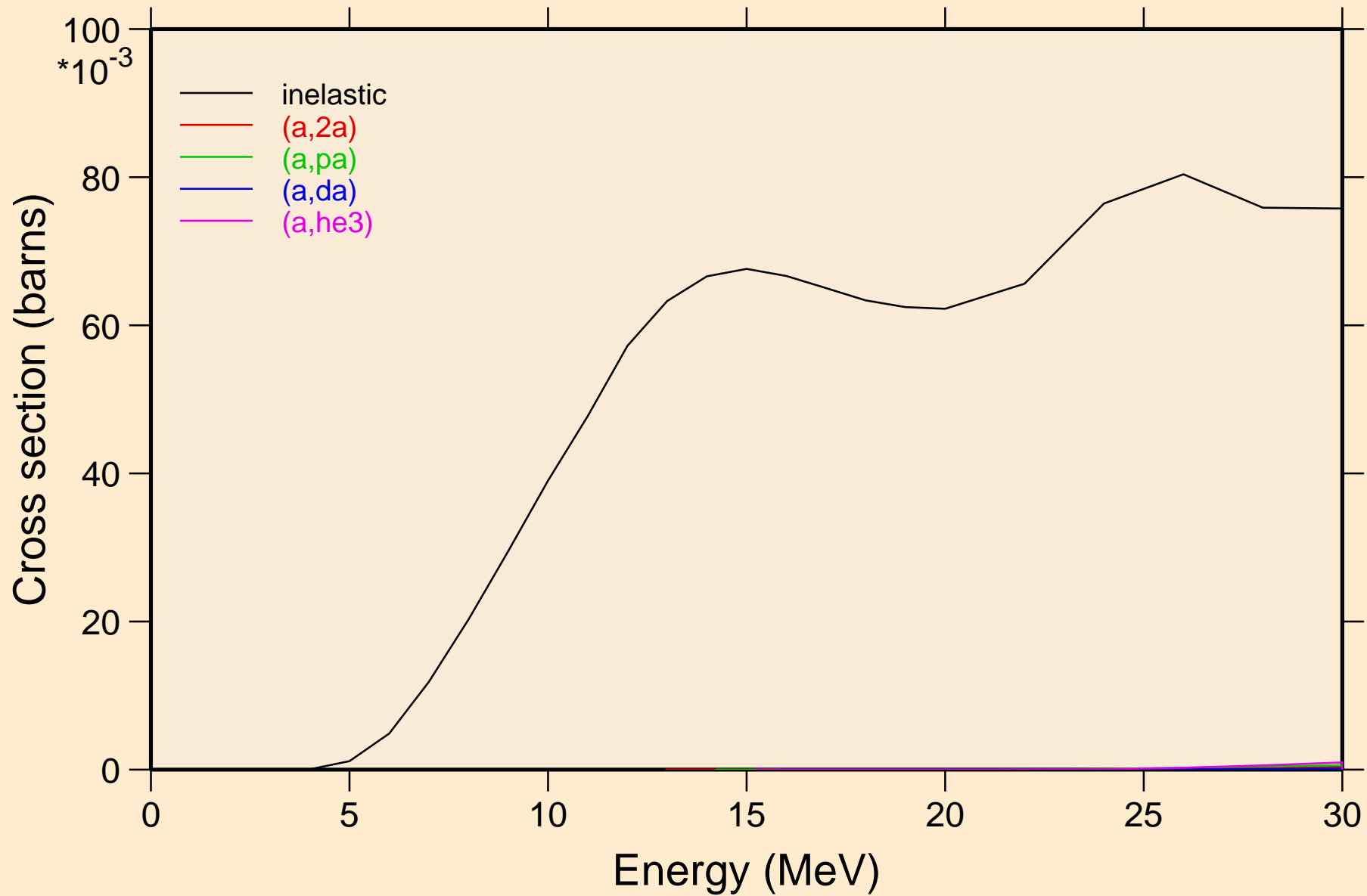




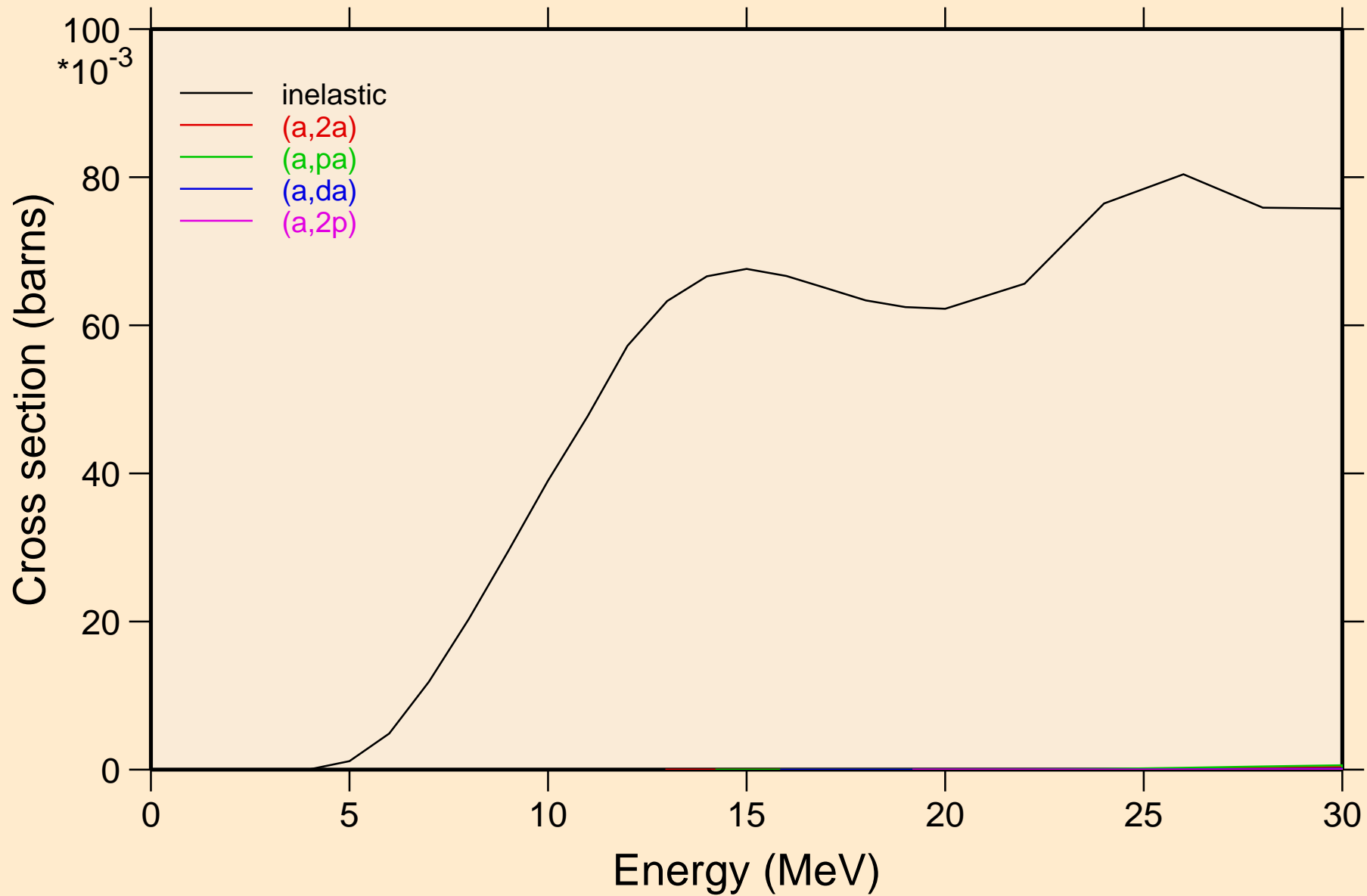
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



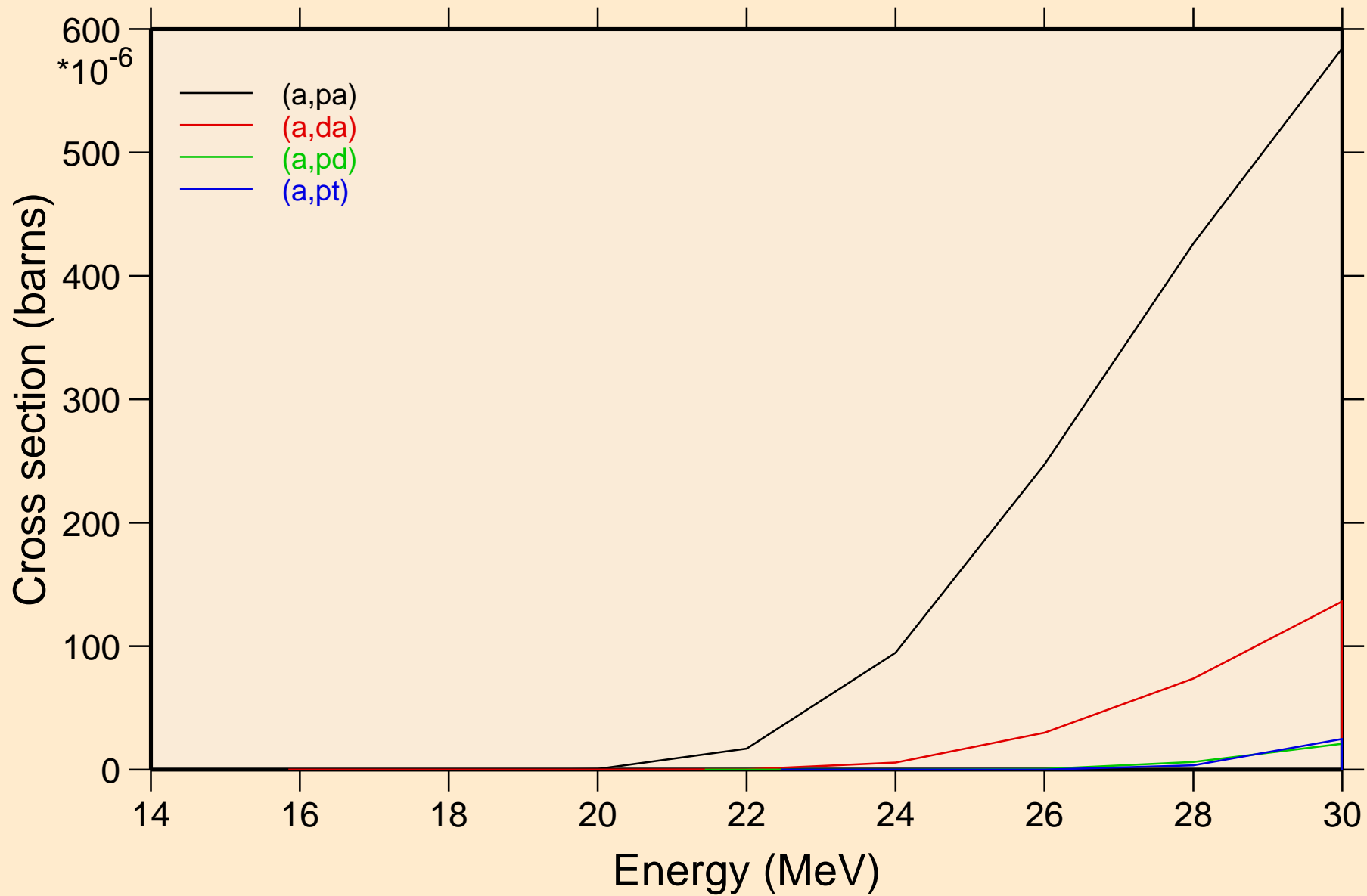
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



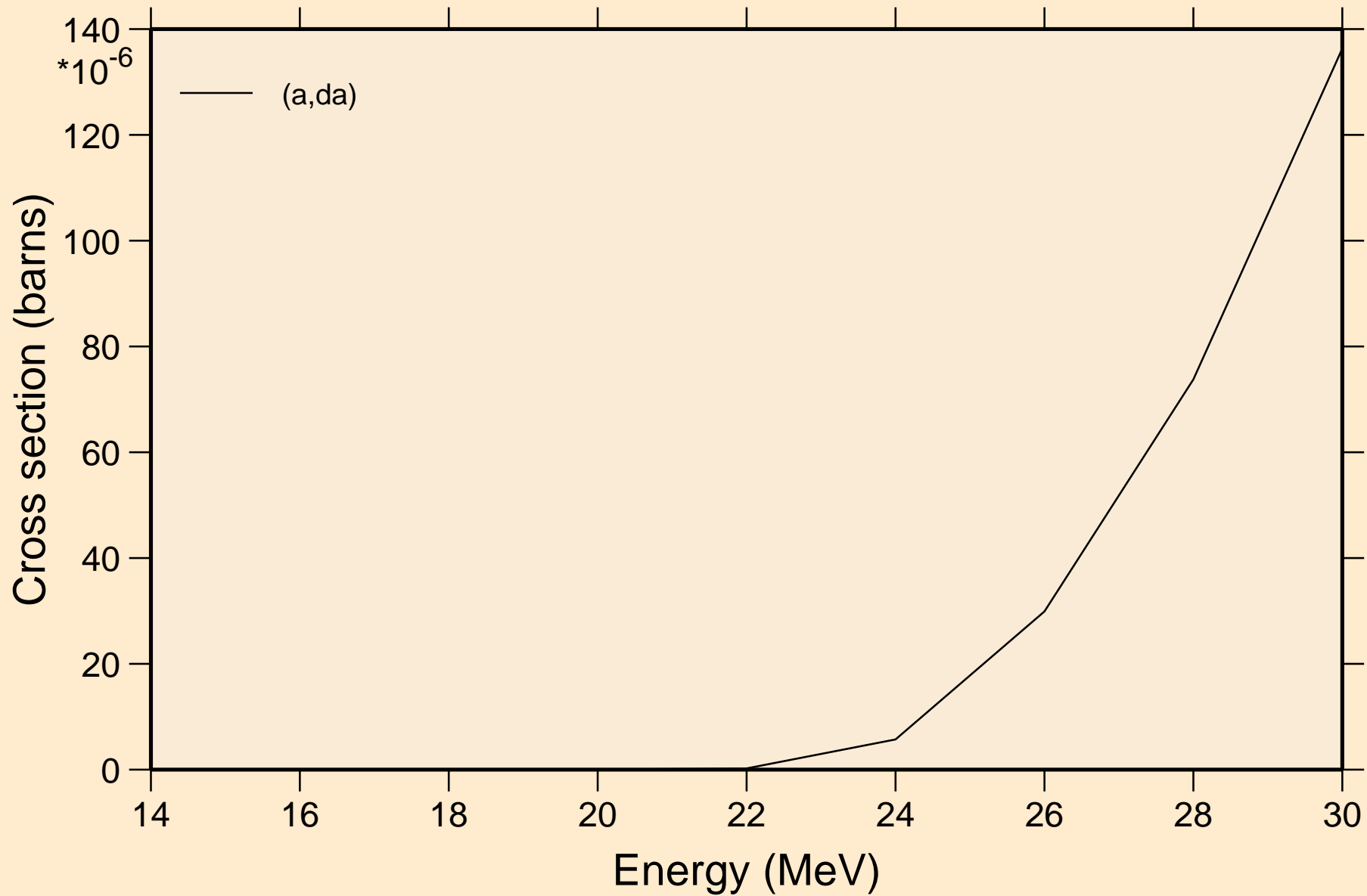
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



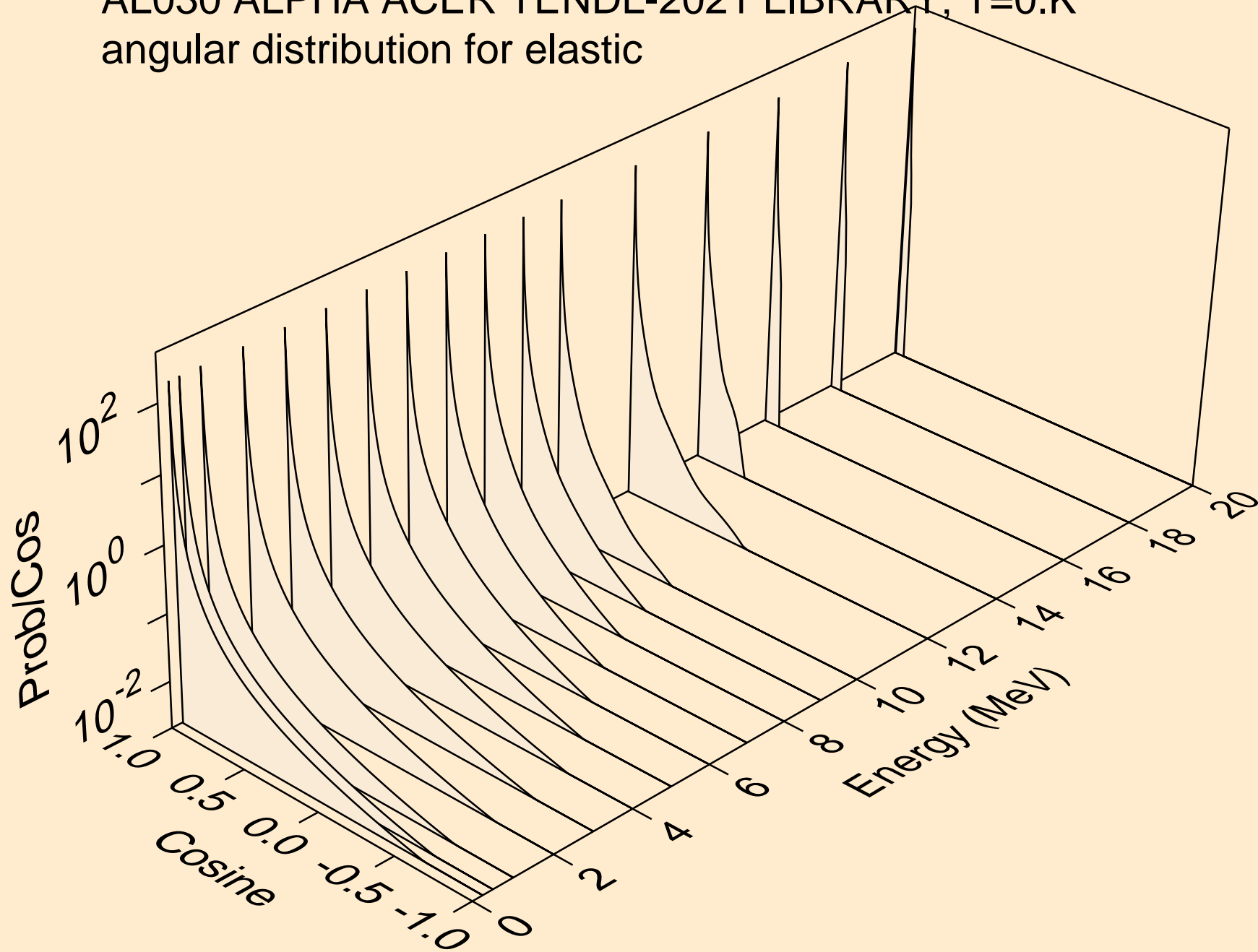
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



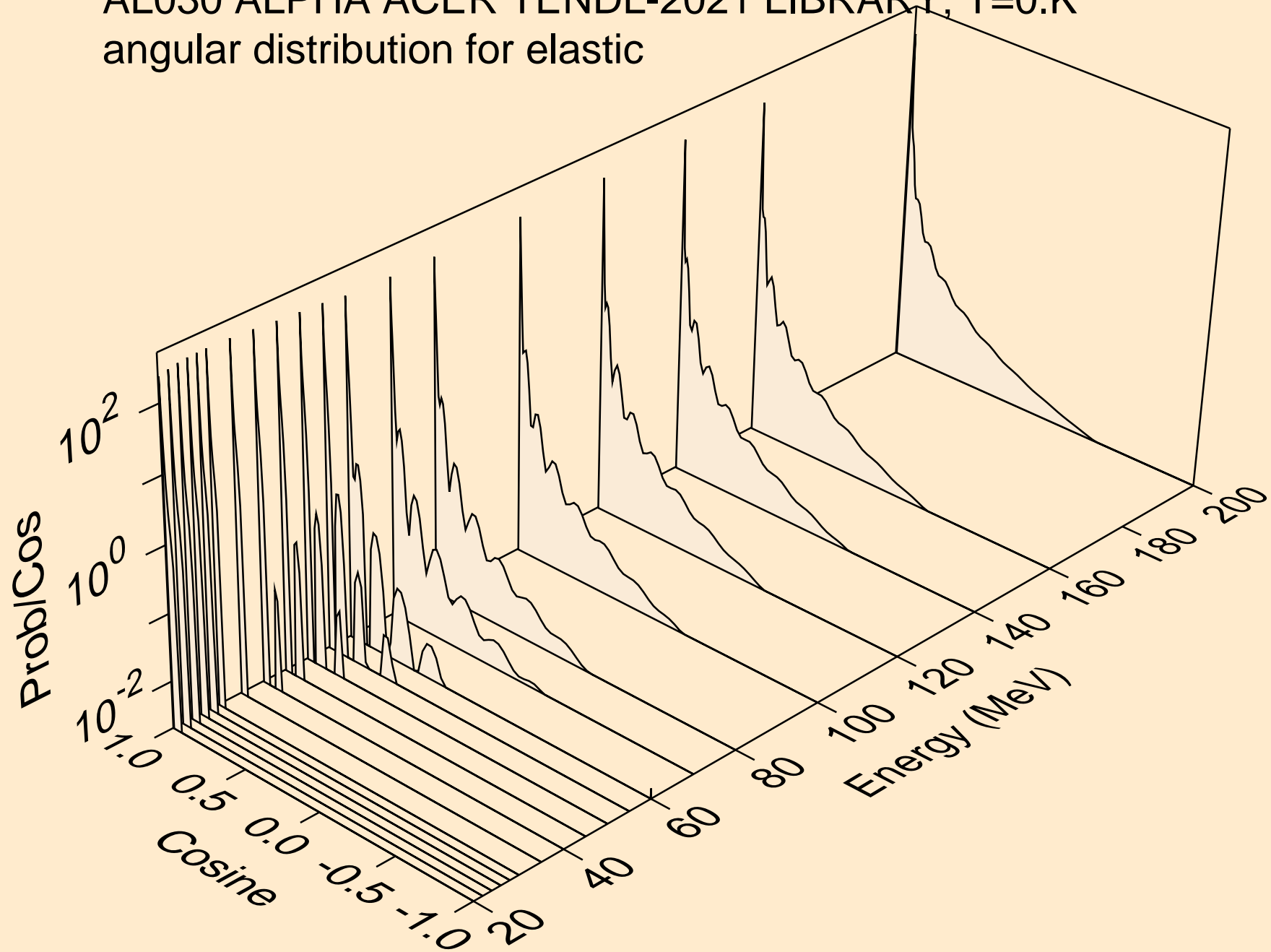
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Threshold reactions



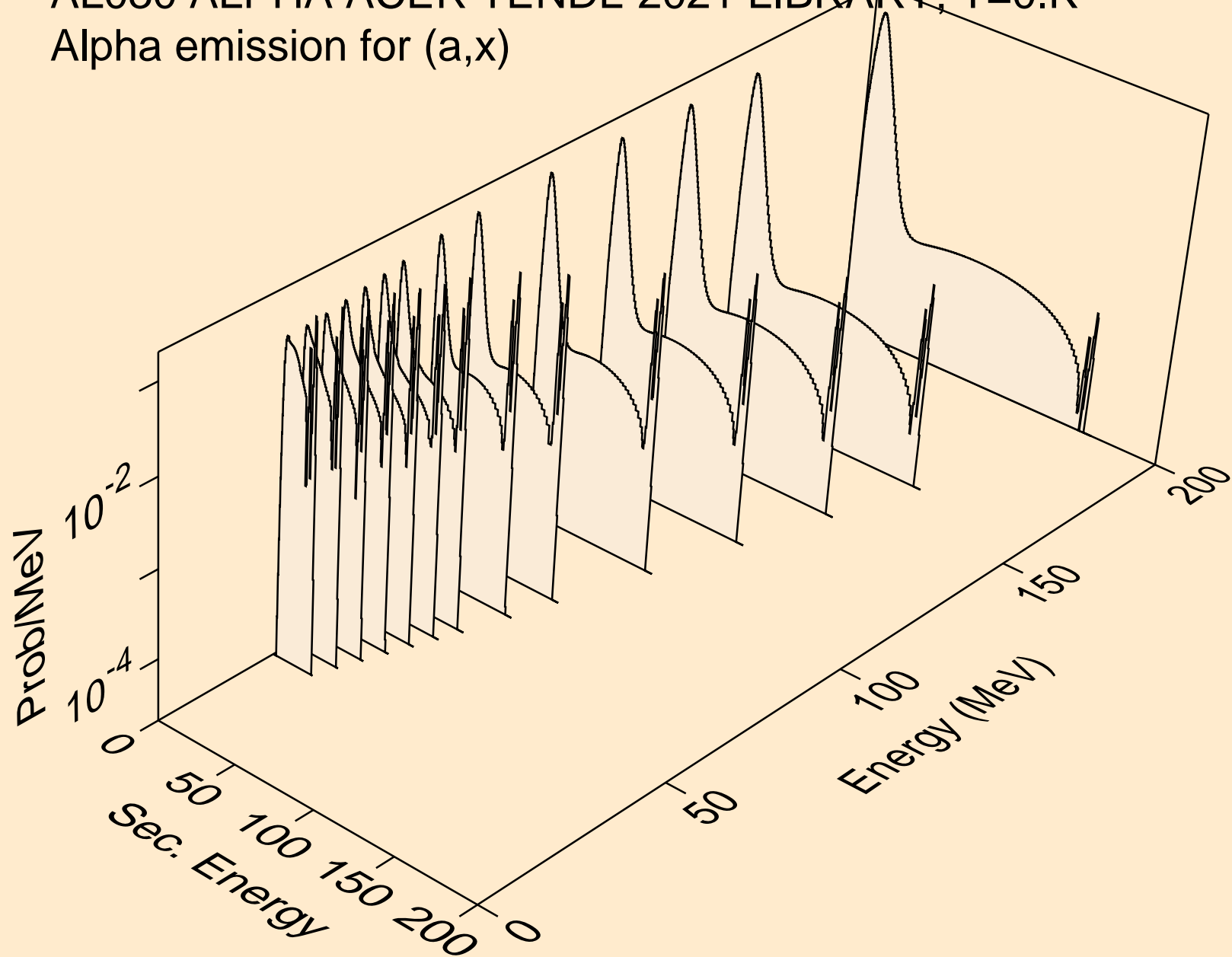
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic



AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
angular distribution for elastic

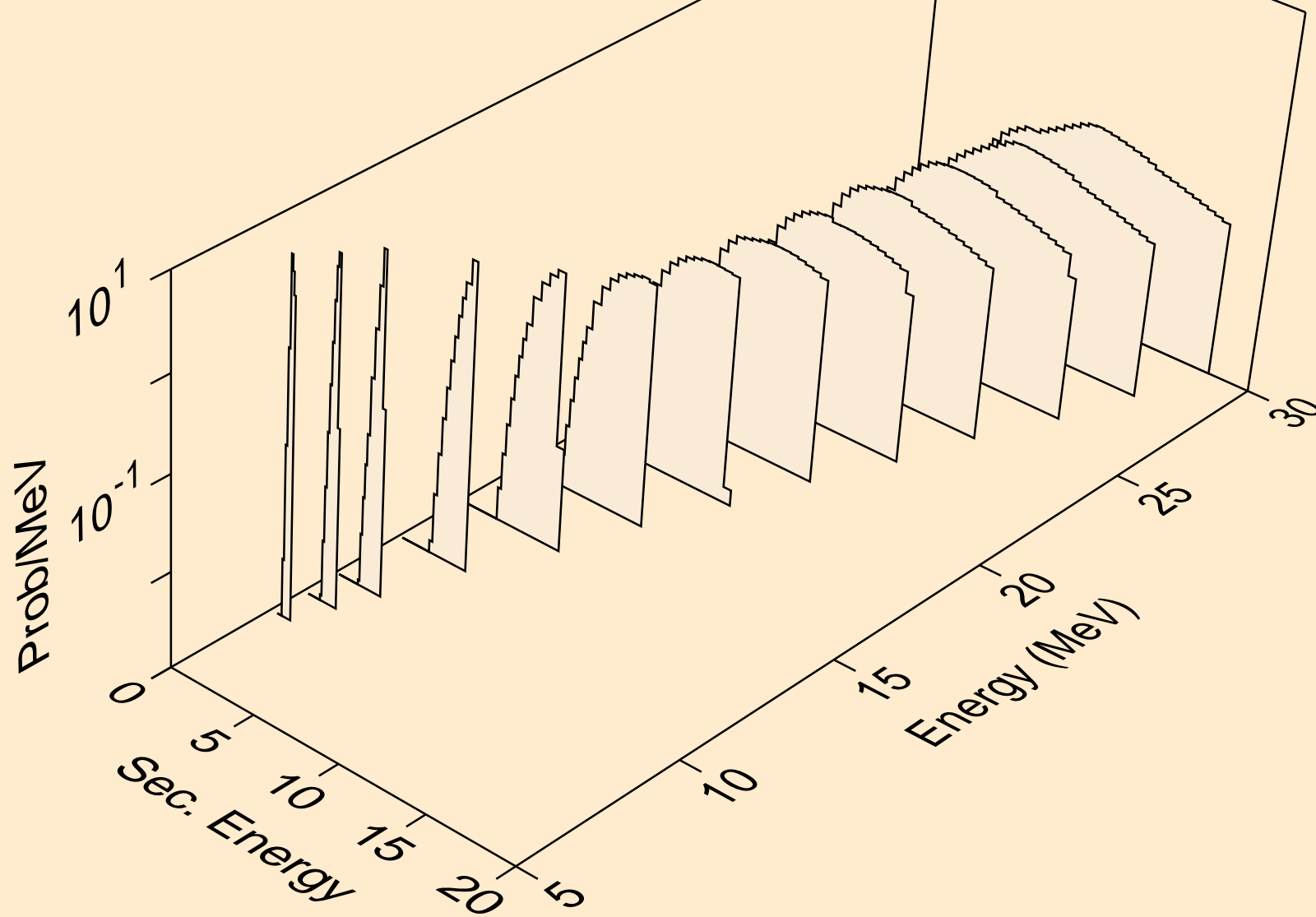


AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,x)

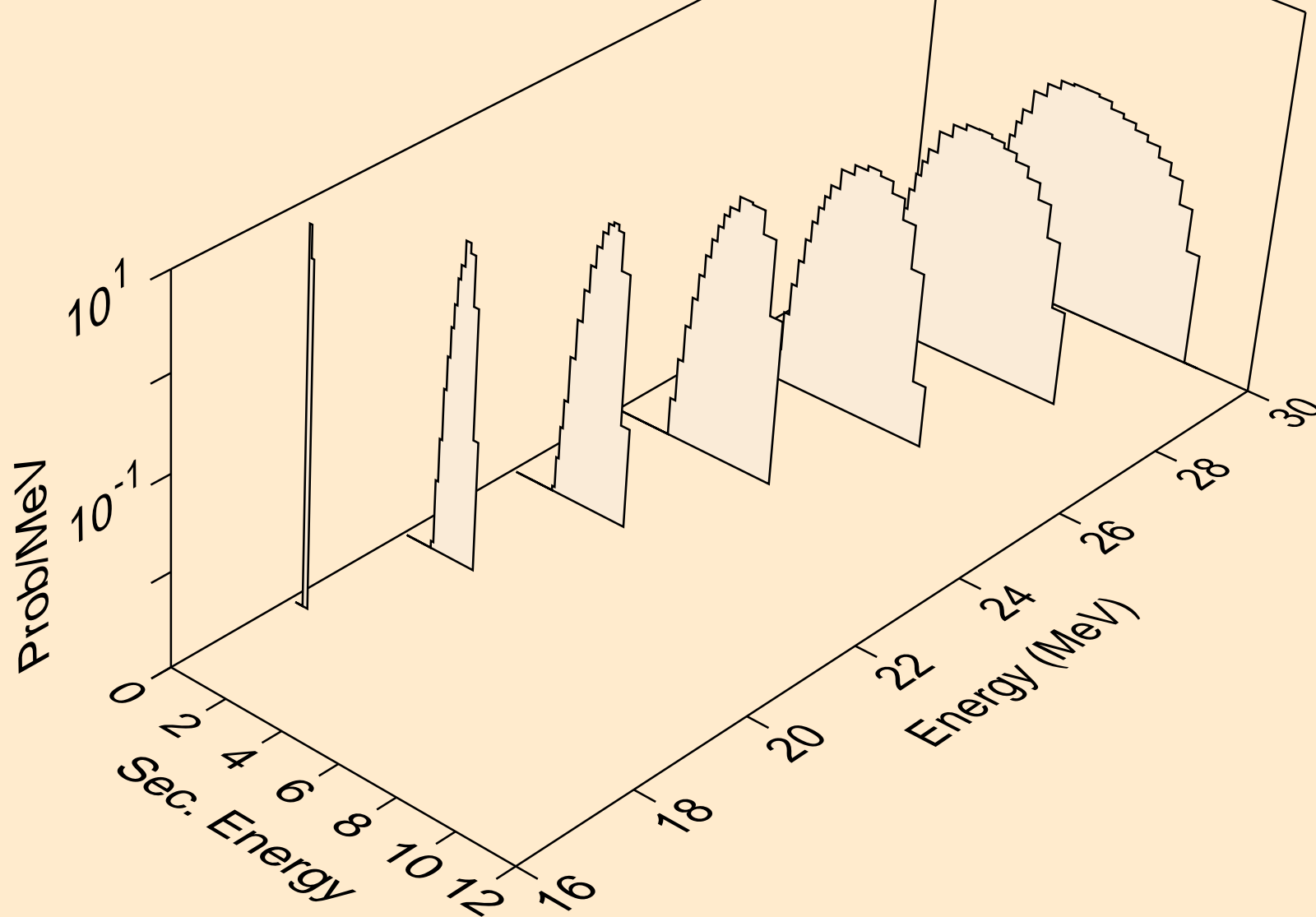




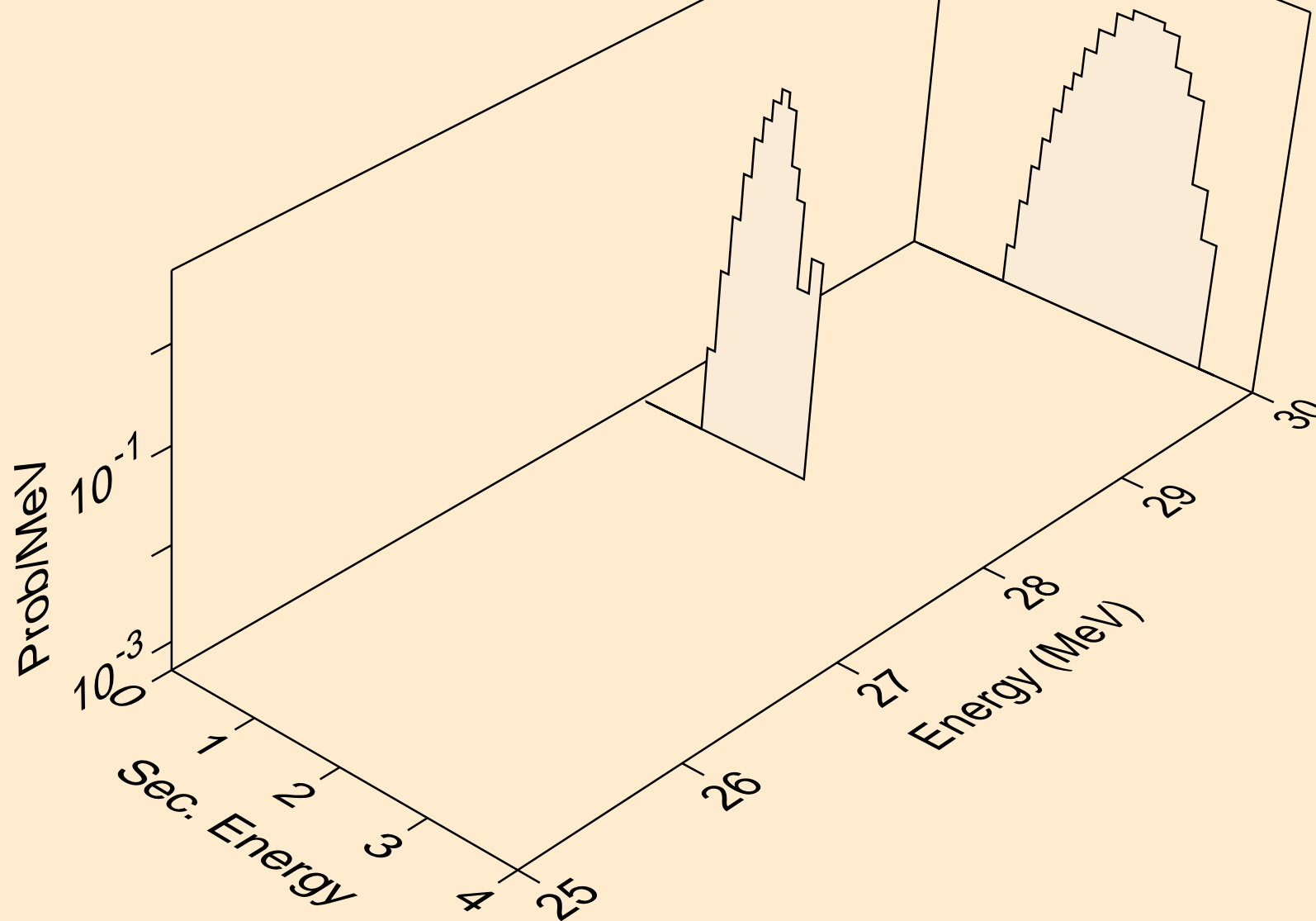
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,2n)a

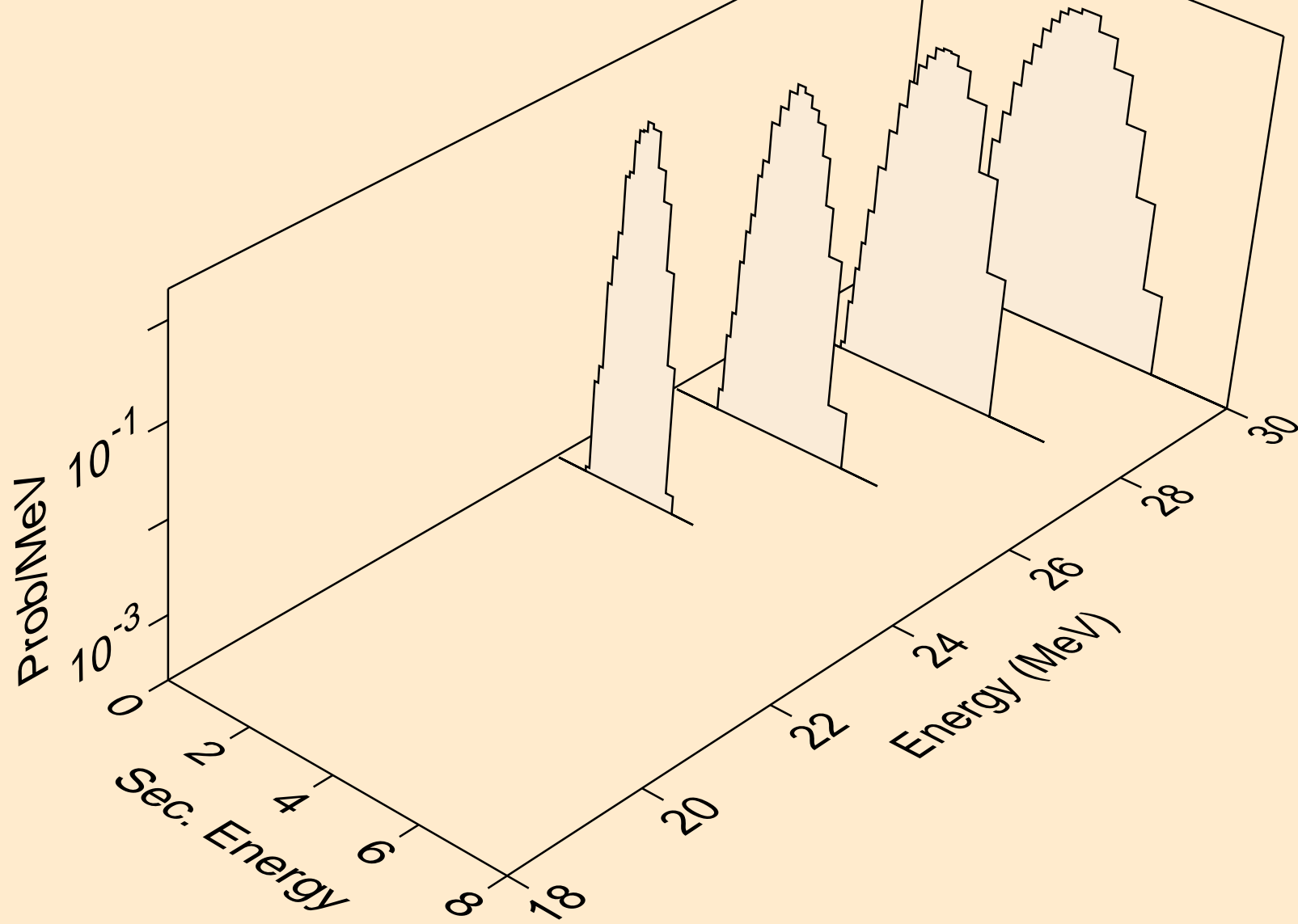


AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,3n)a

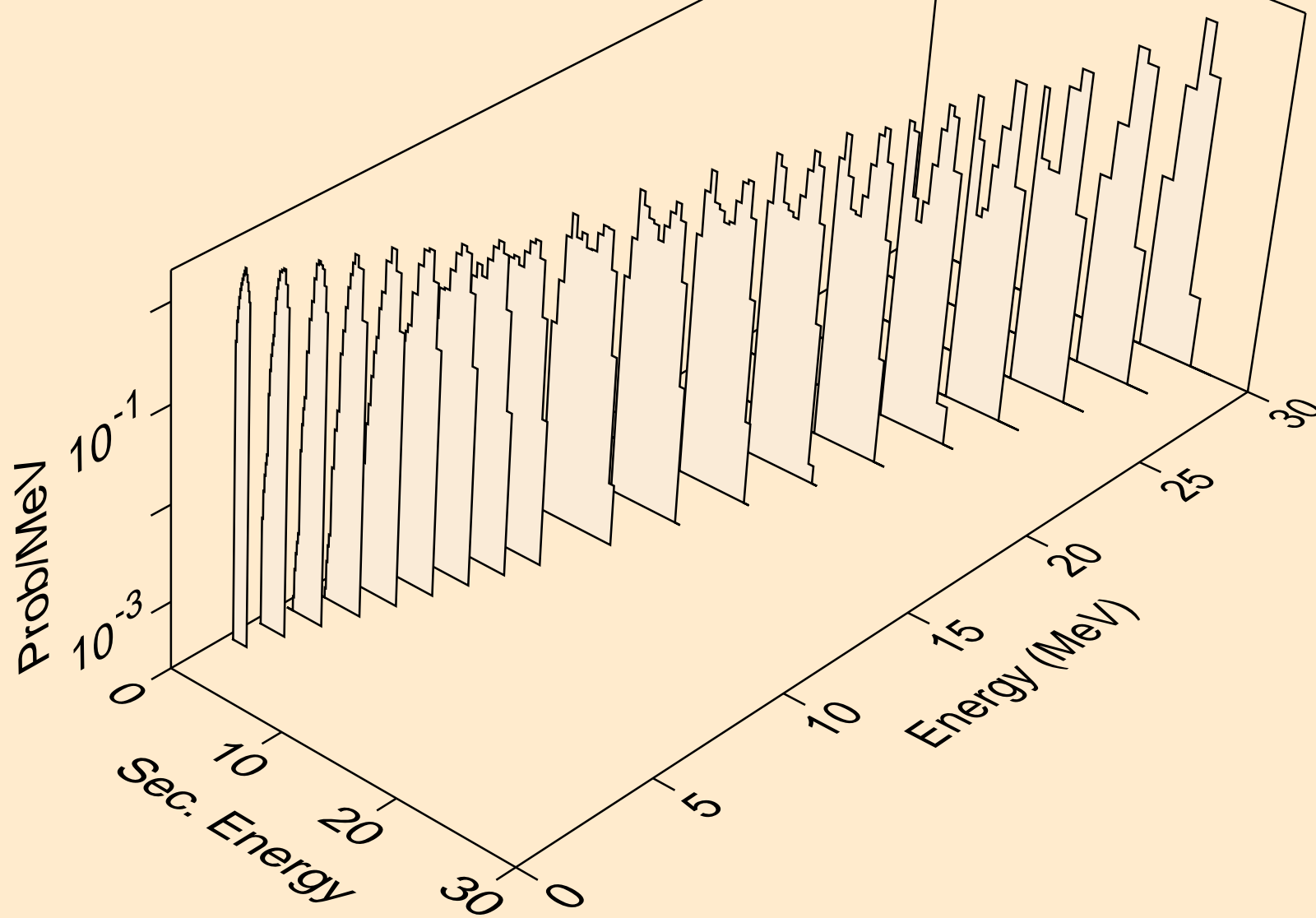


AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

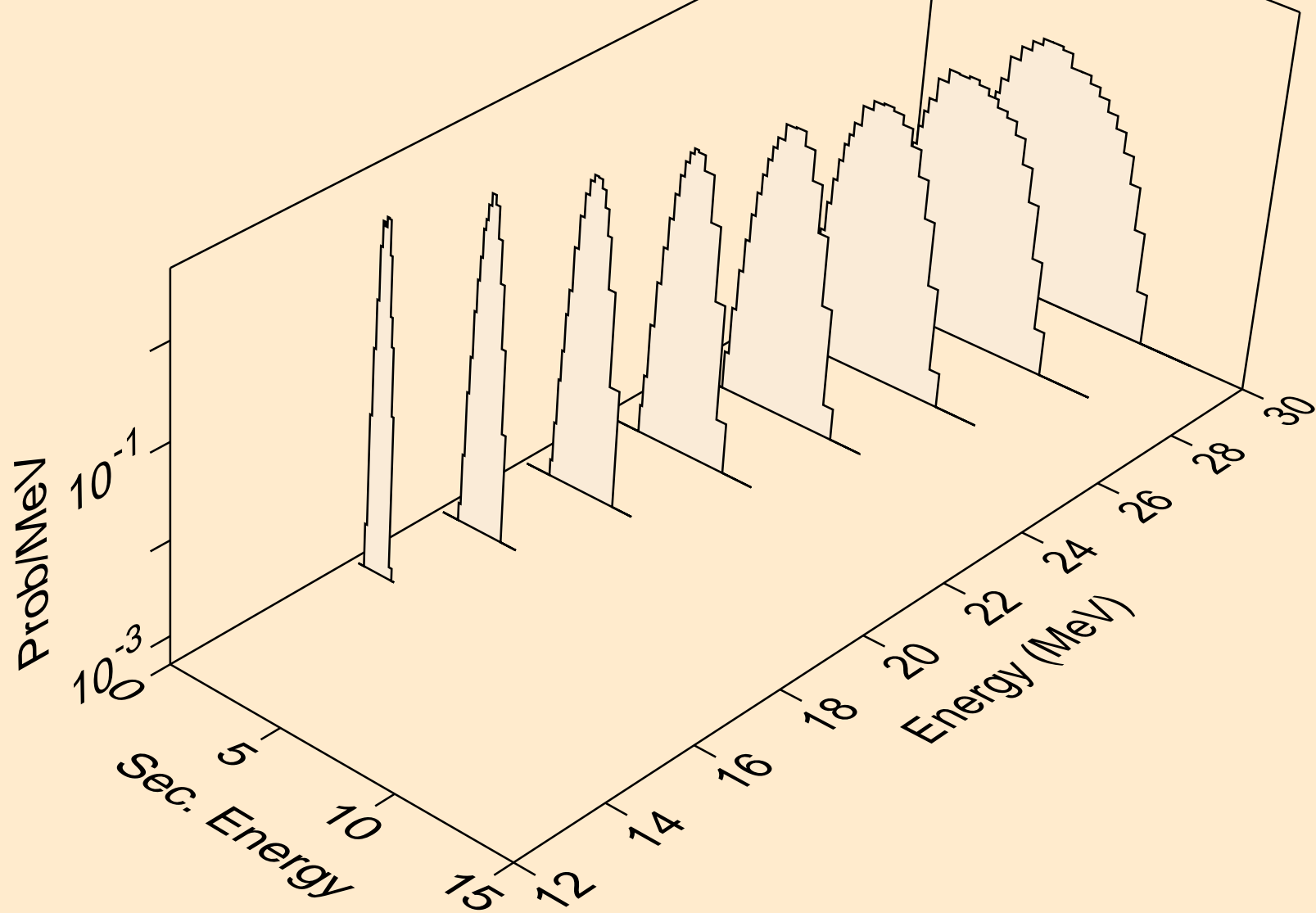
Alpha emission for (a,n\*)2a



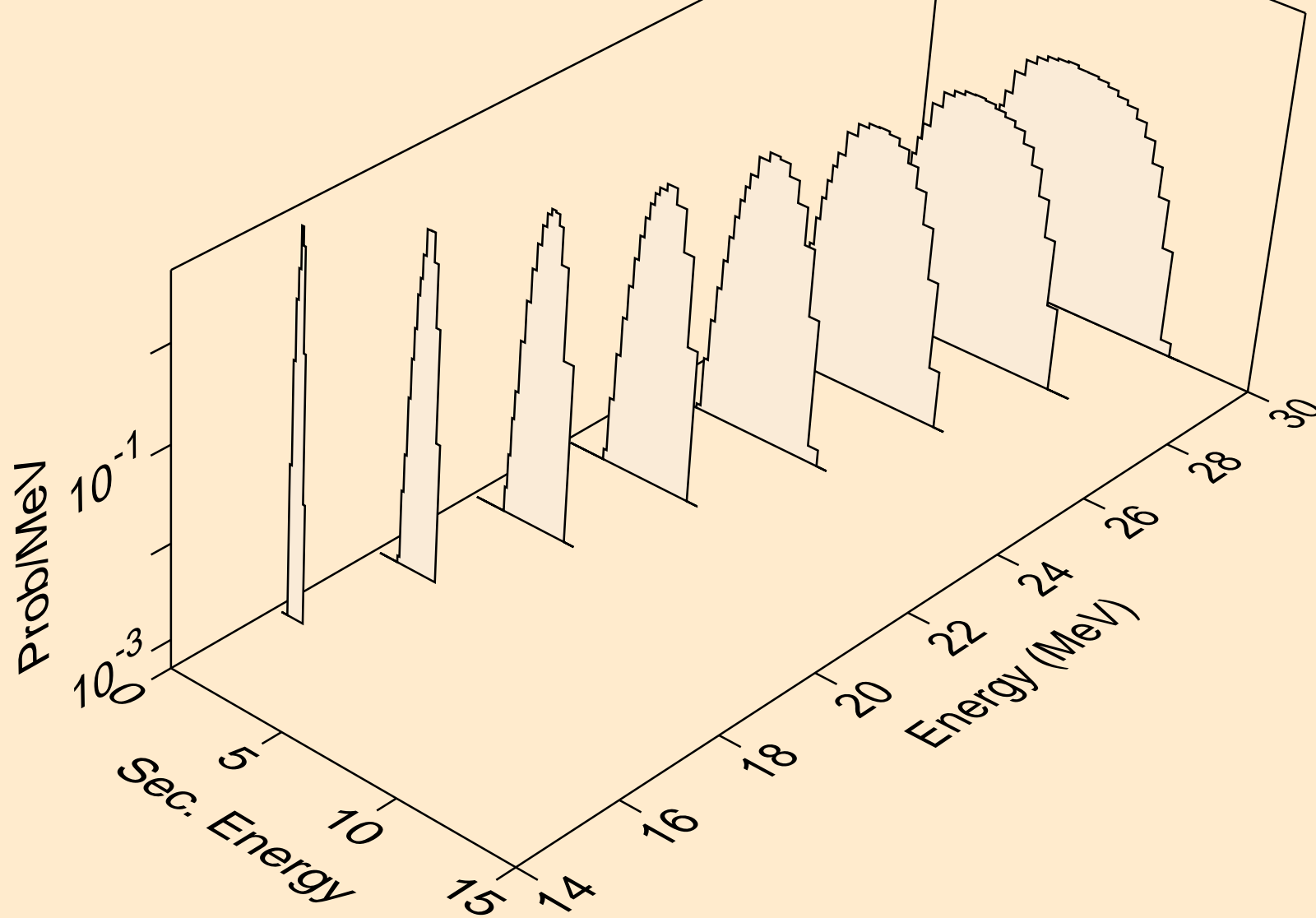
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for inelastic



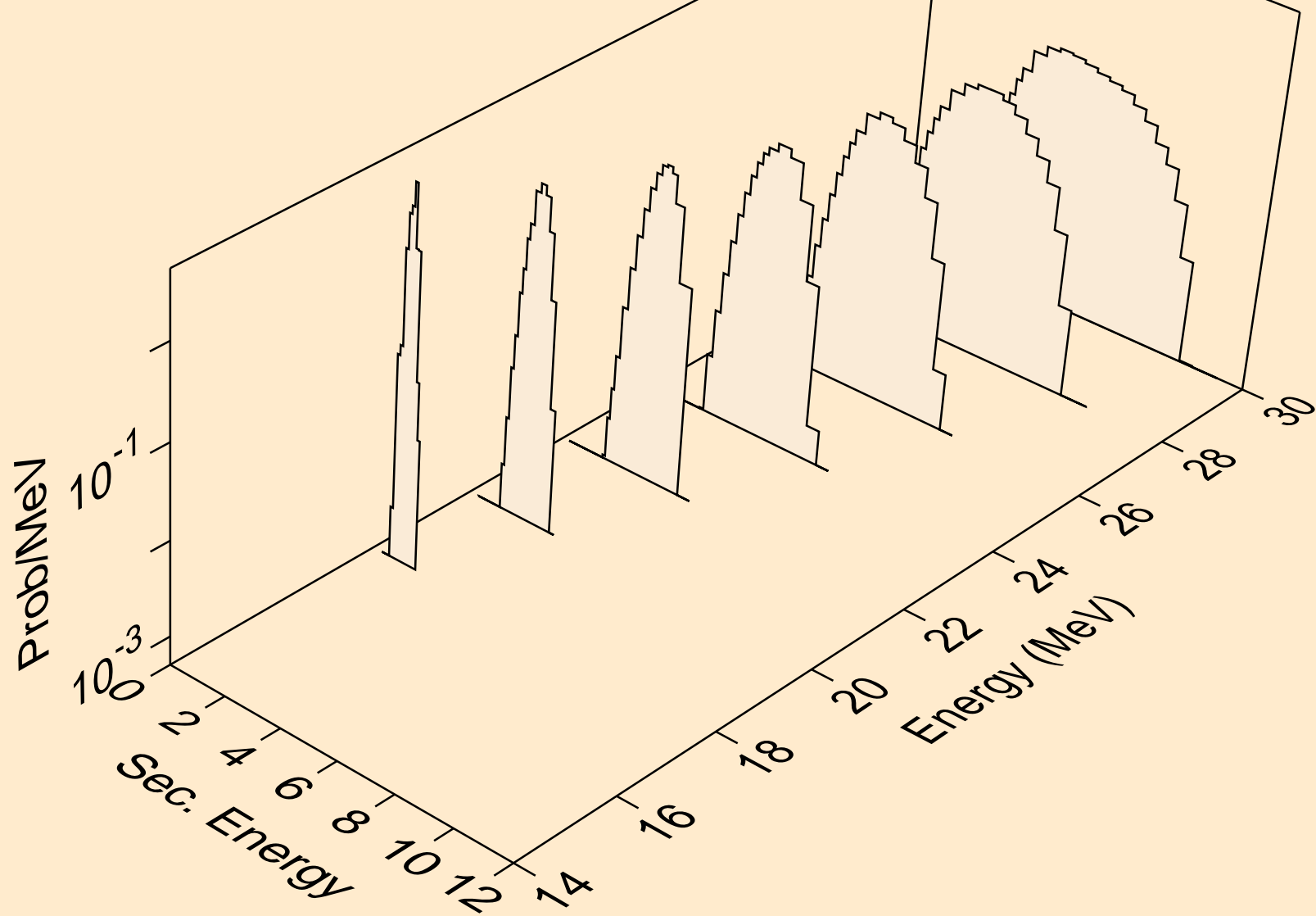
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,2a)



AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,pa)

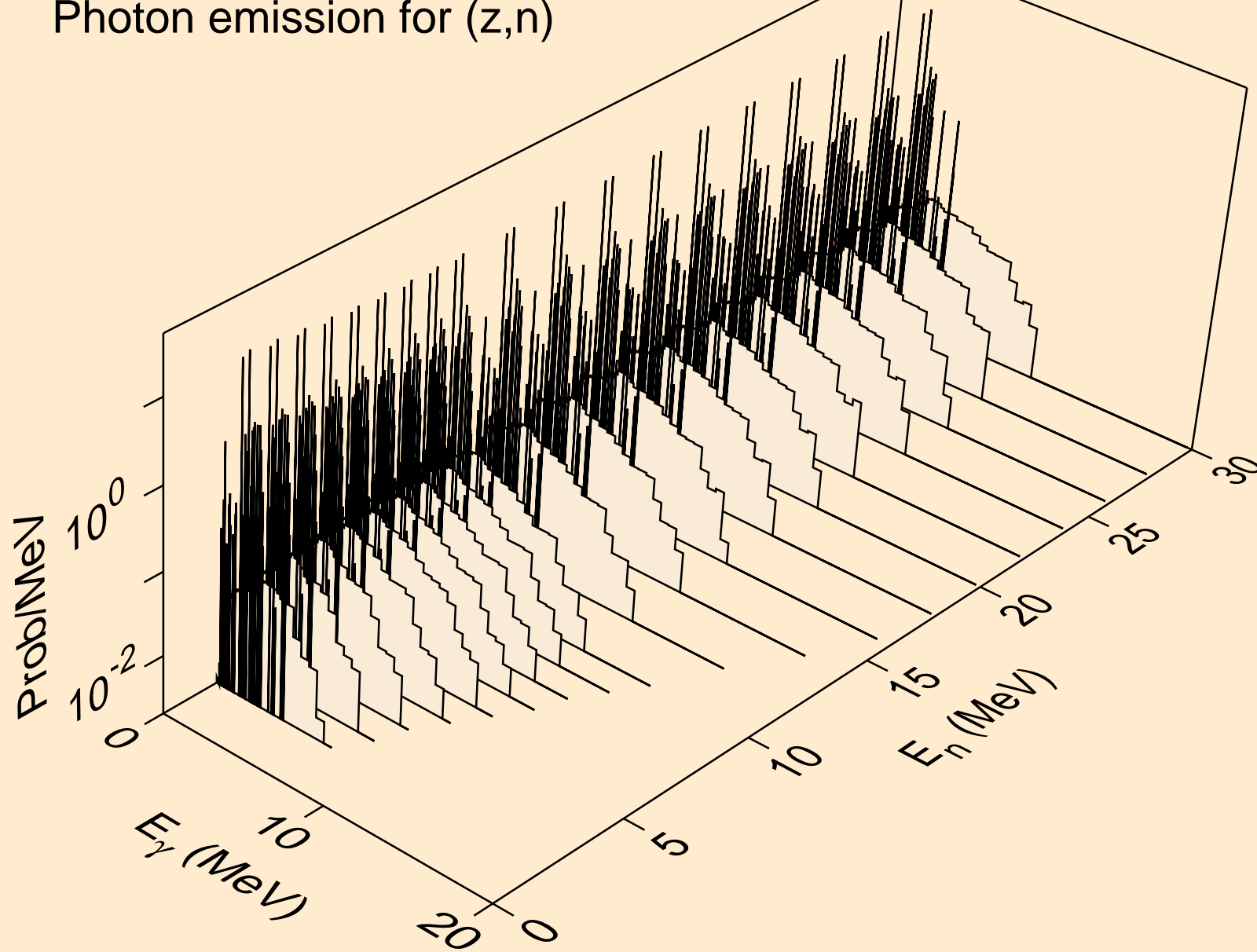


AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Alpha emission for (a,da)

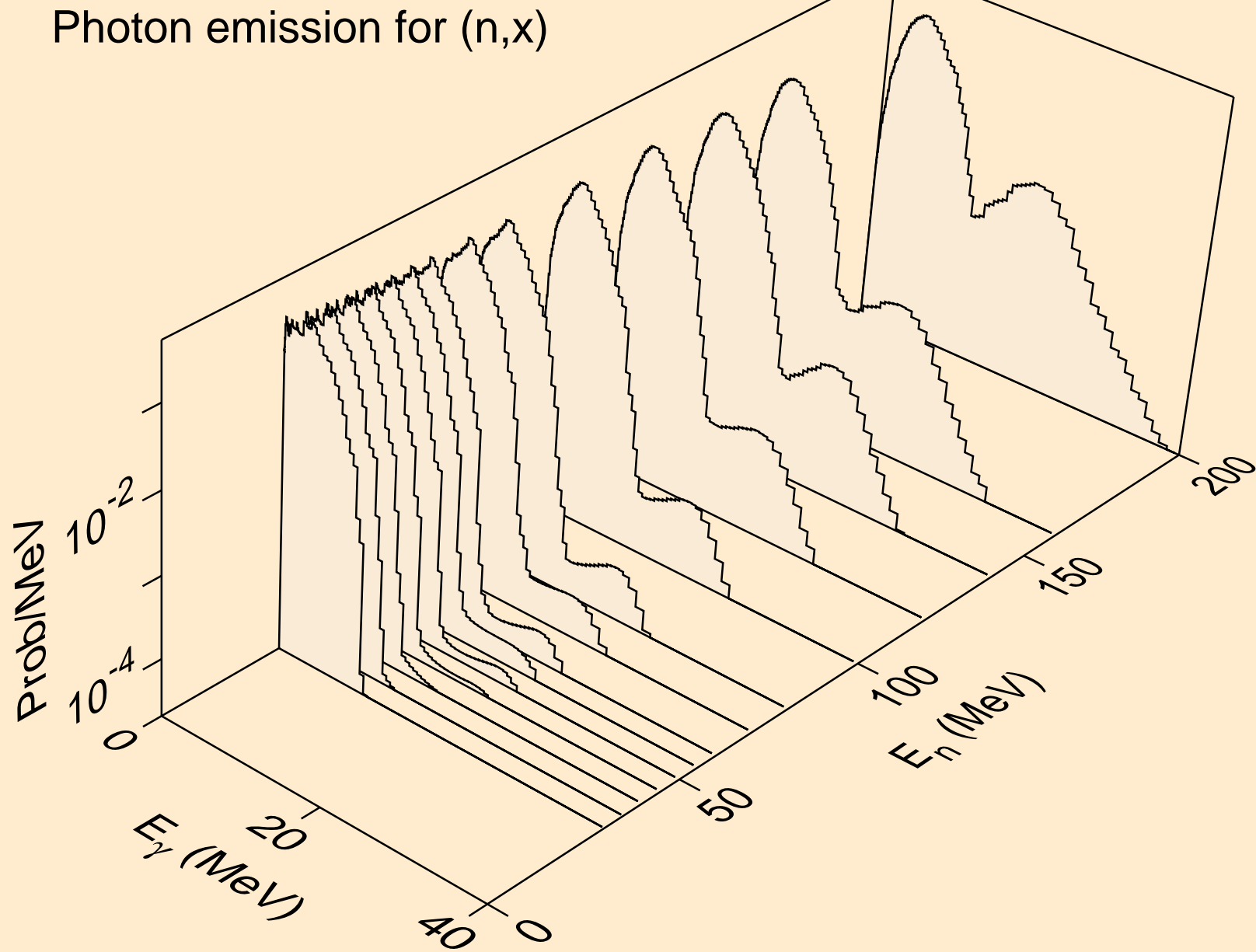




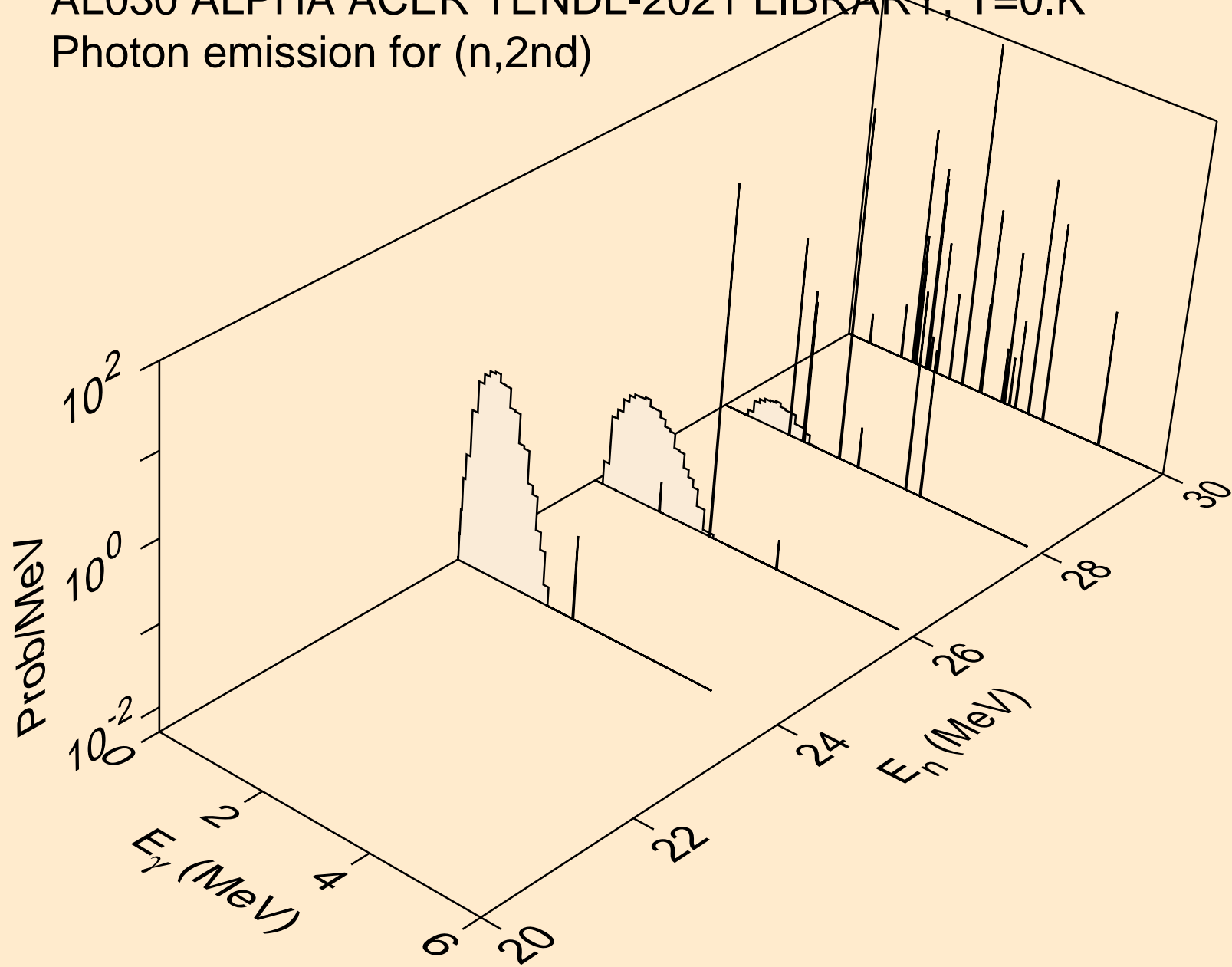
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (z,n)



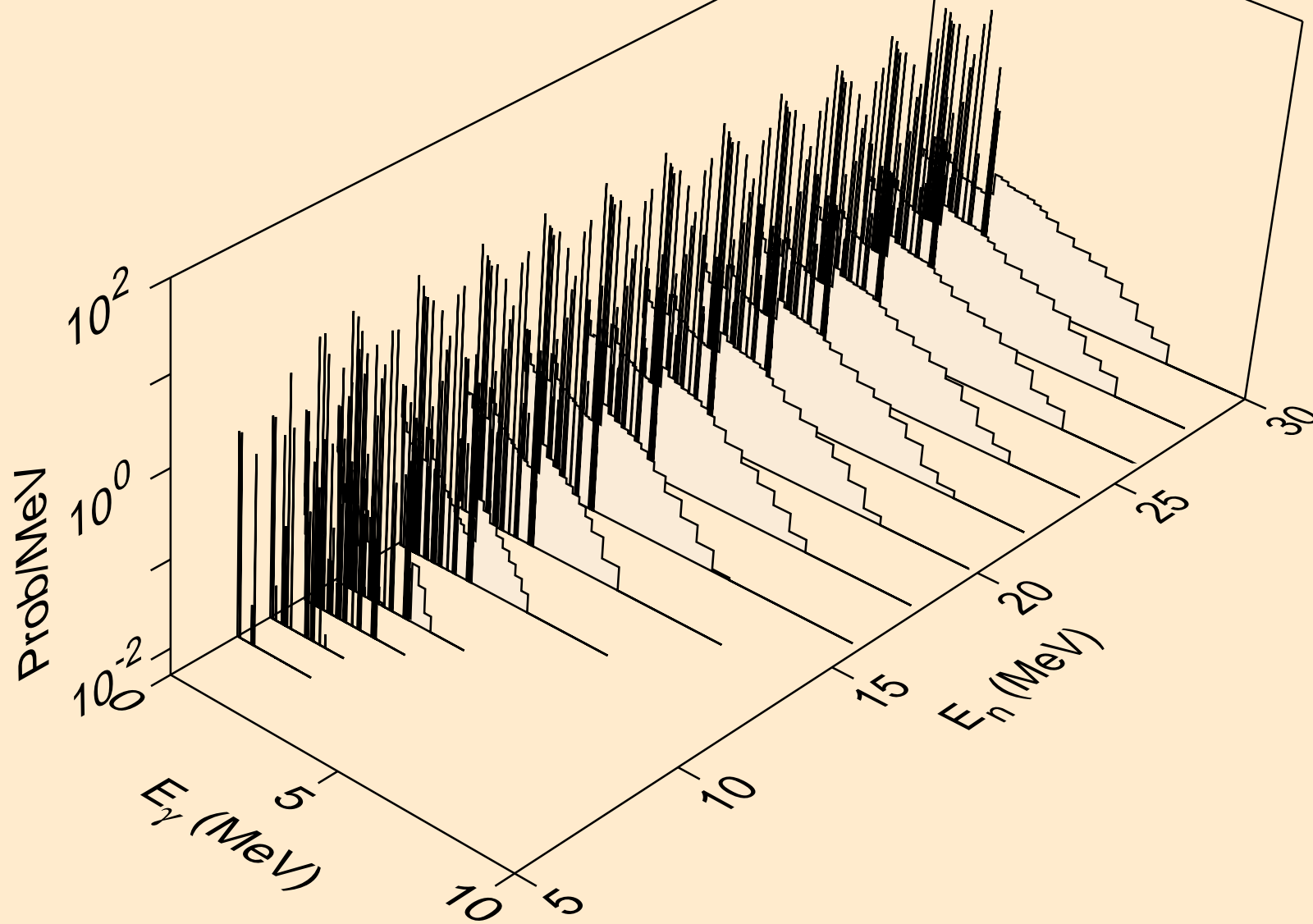
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,x)



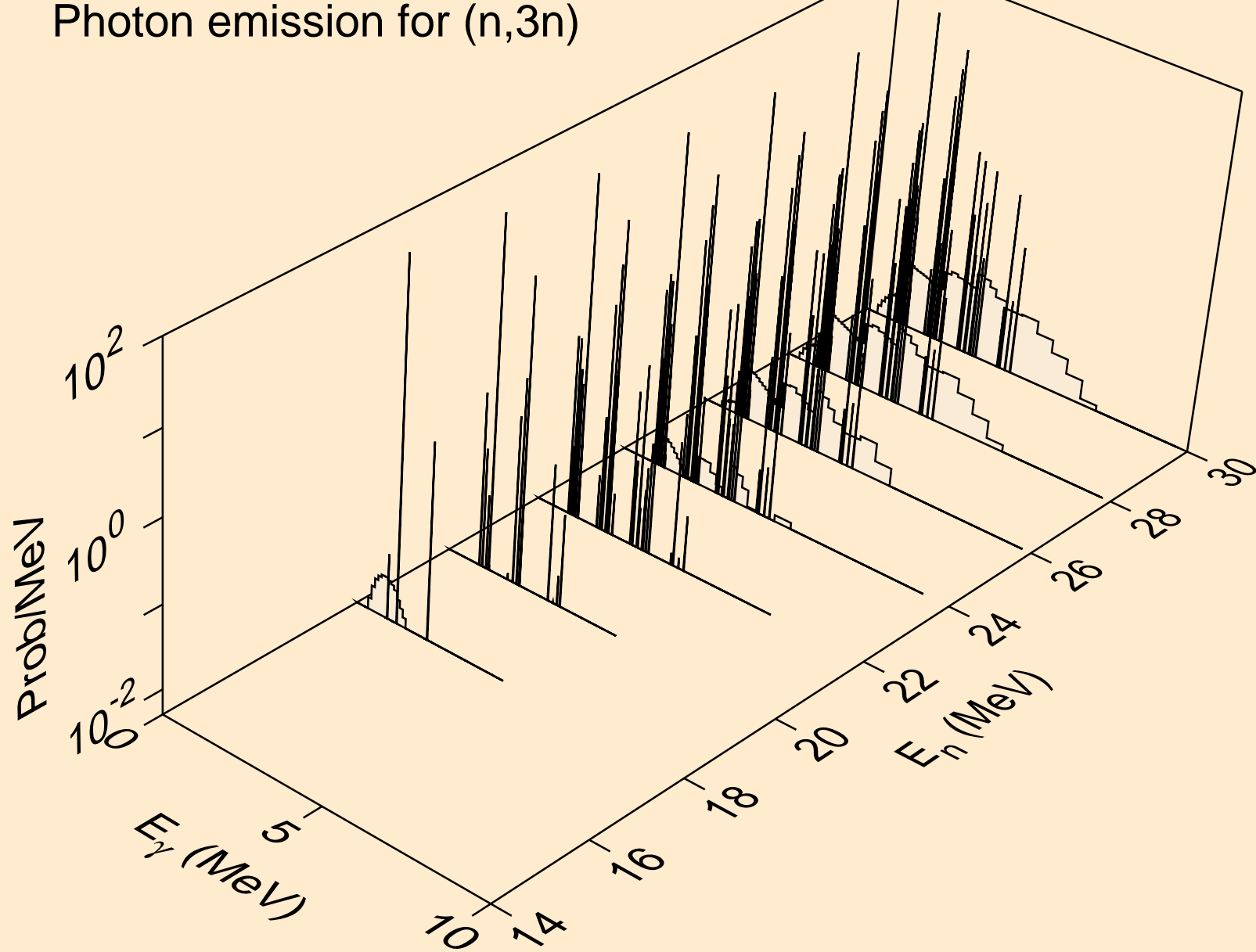
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2nd)



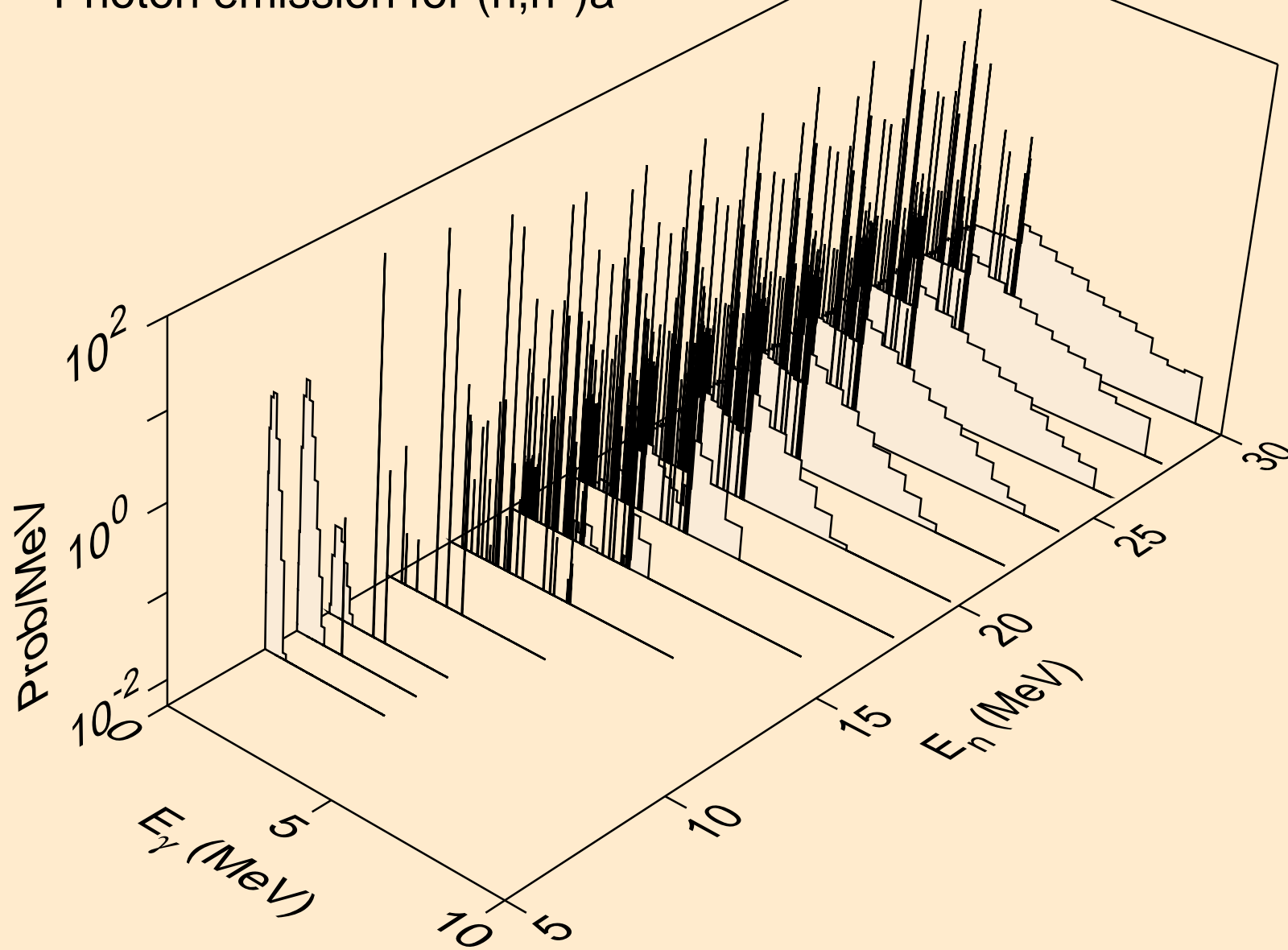
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)



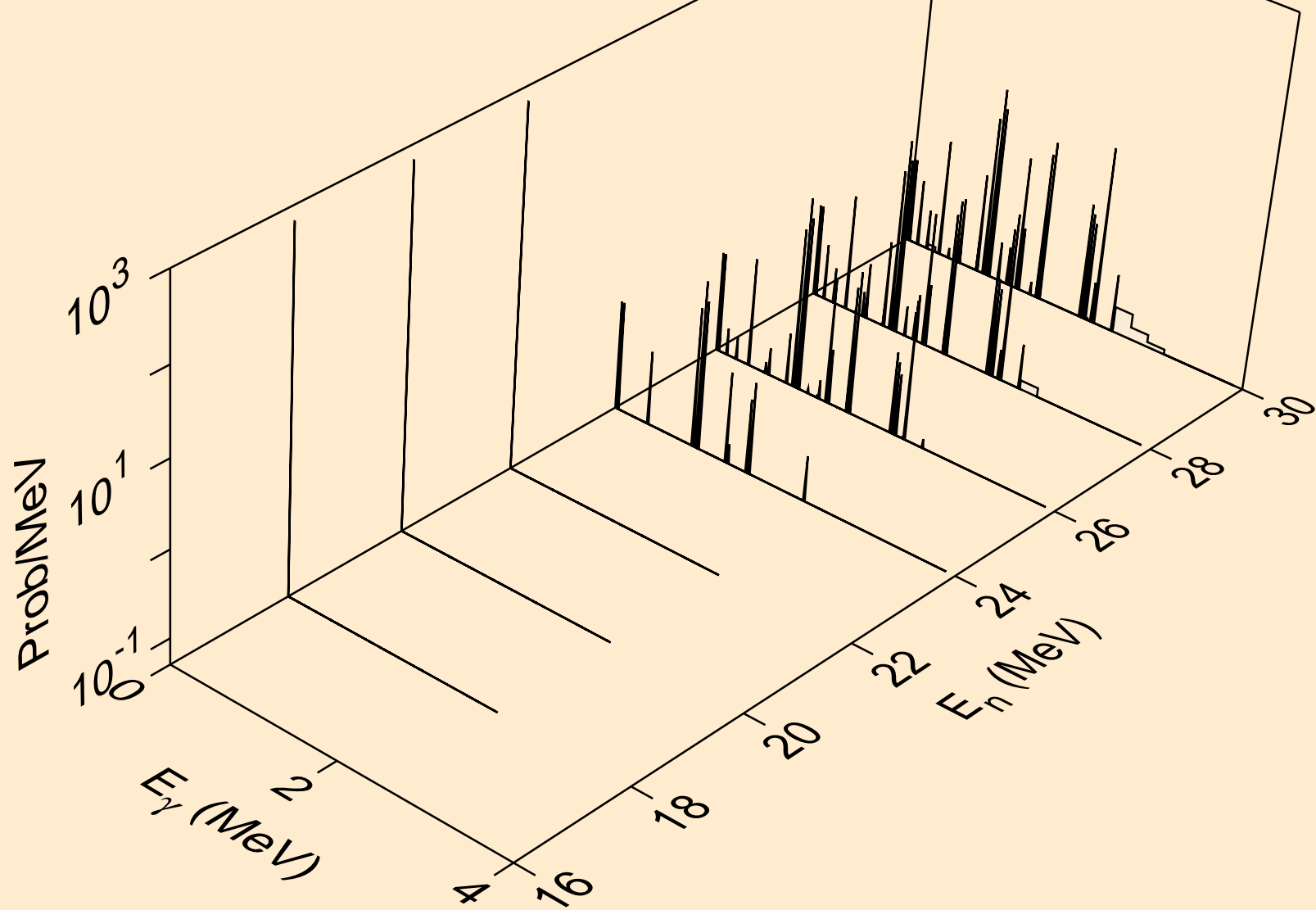
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)



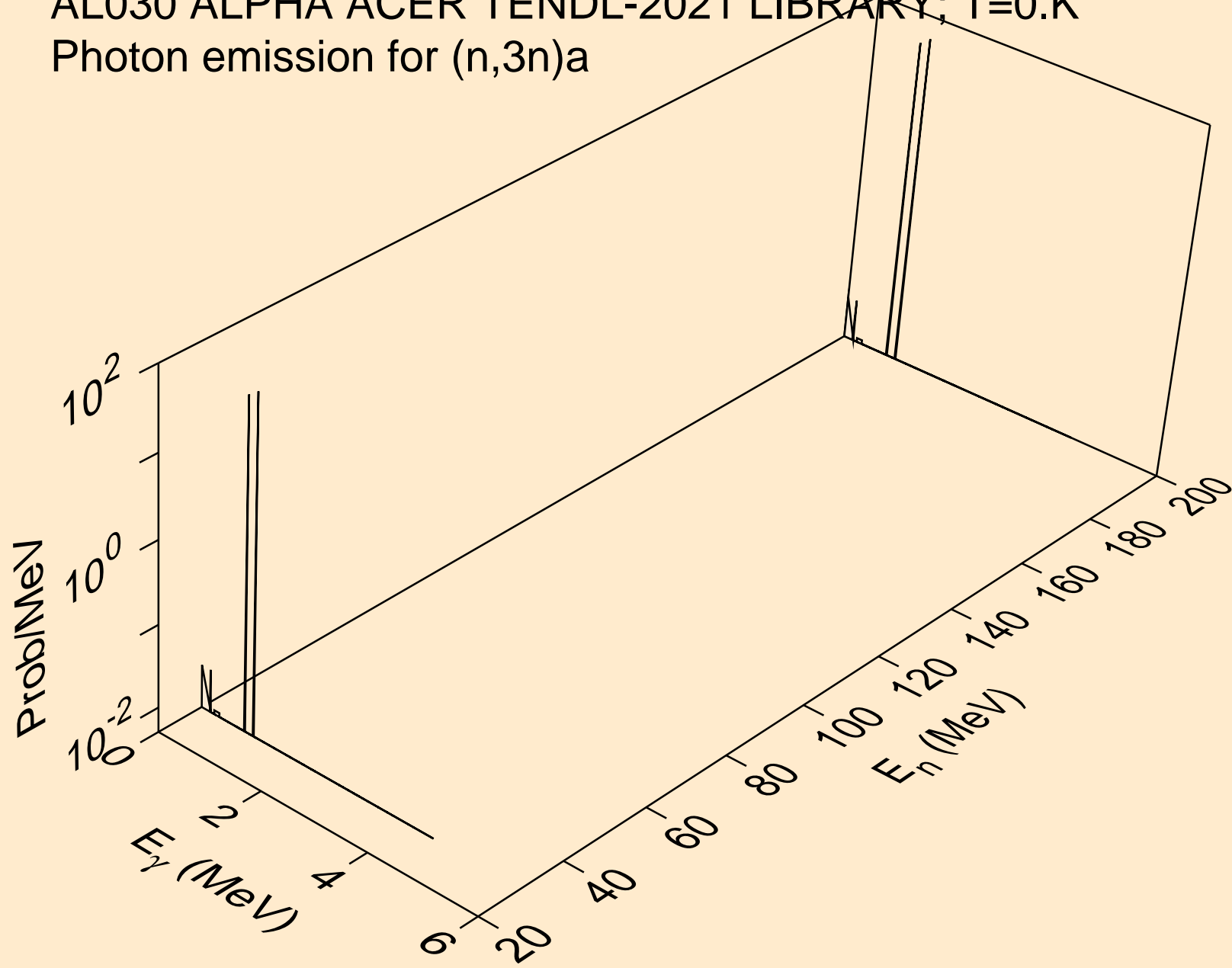
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2n)a

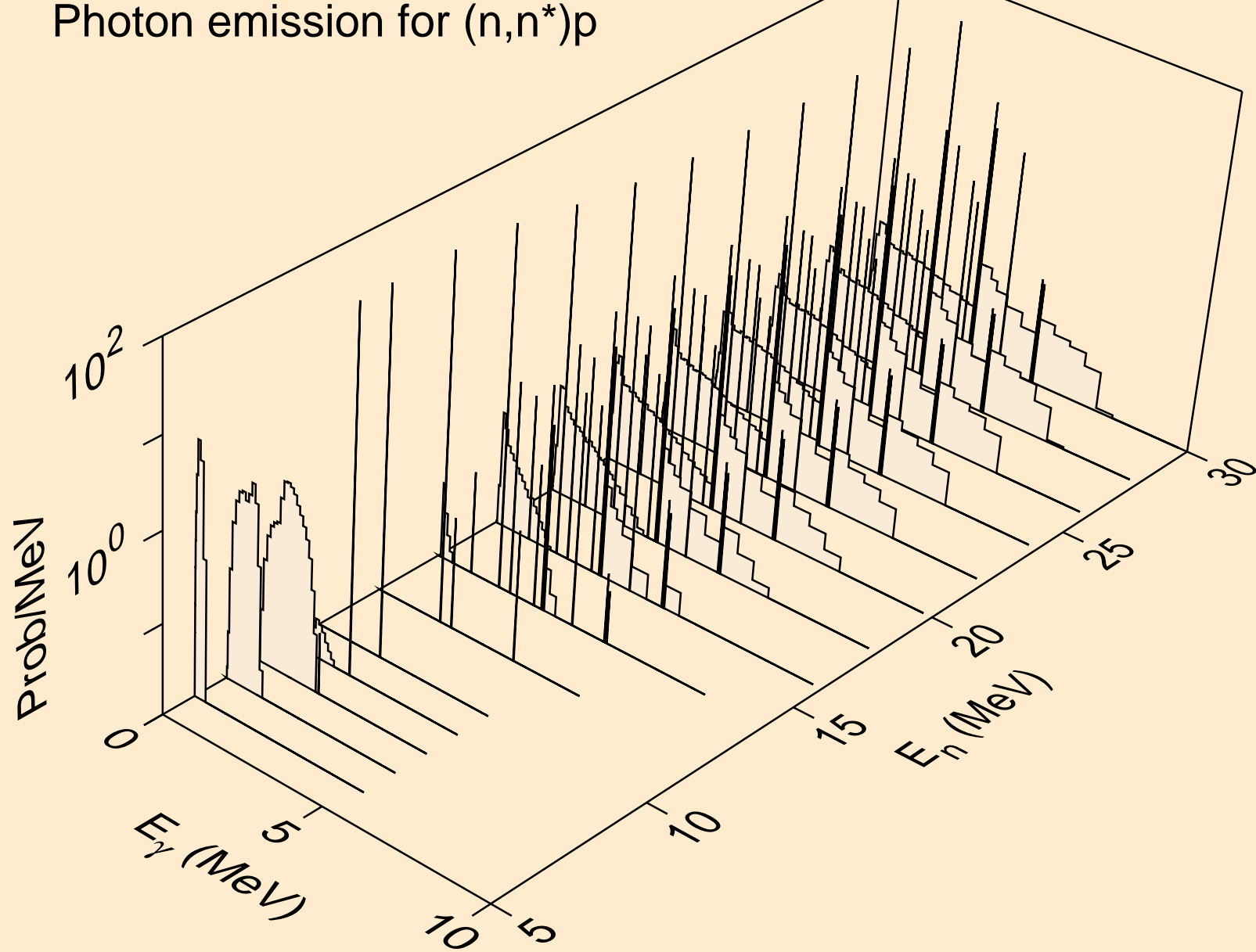


AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3n)a

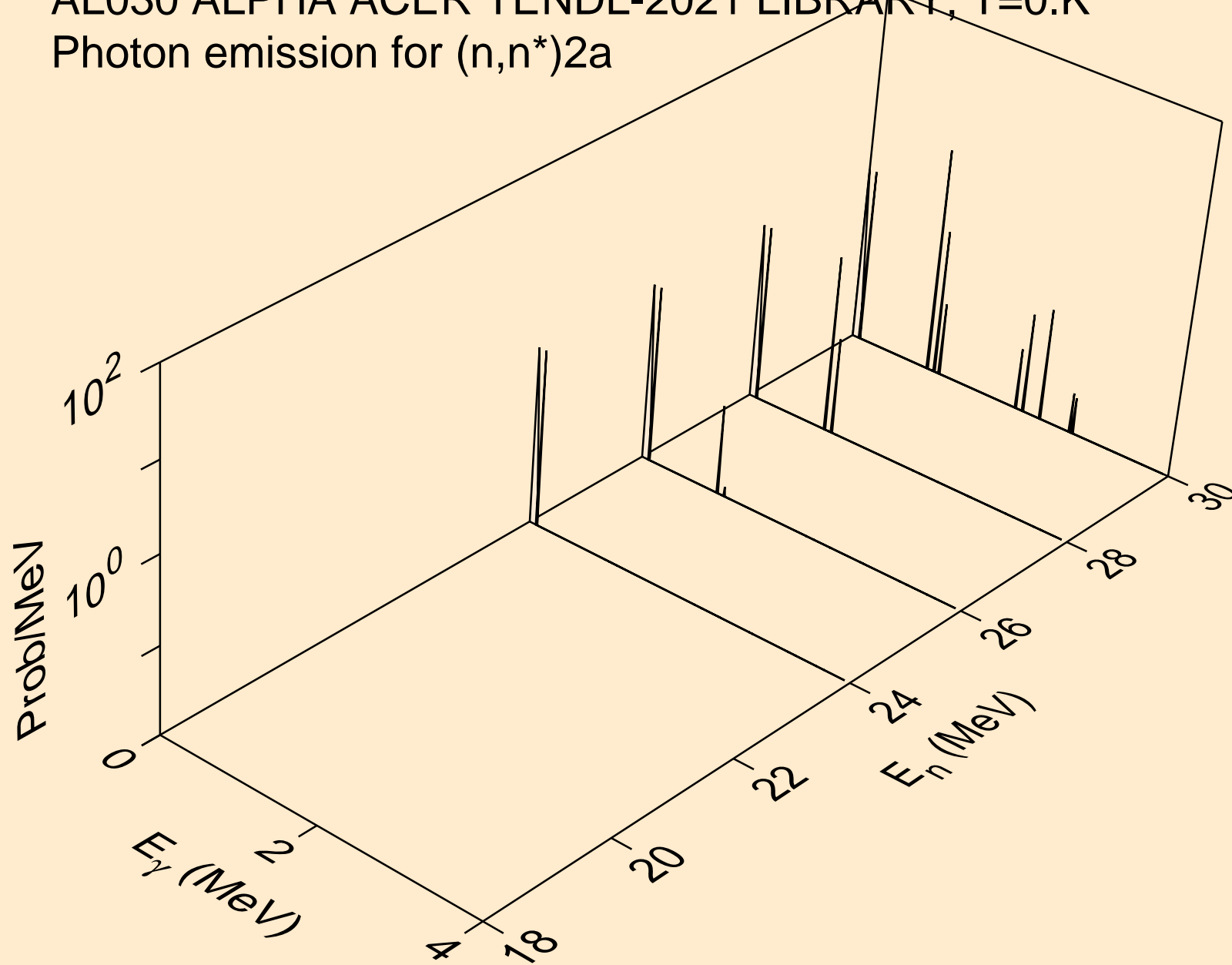




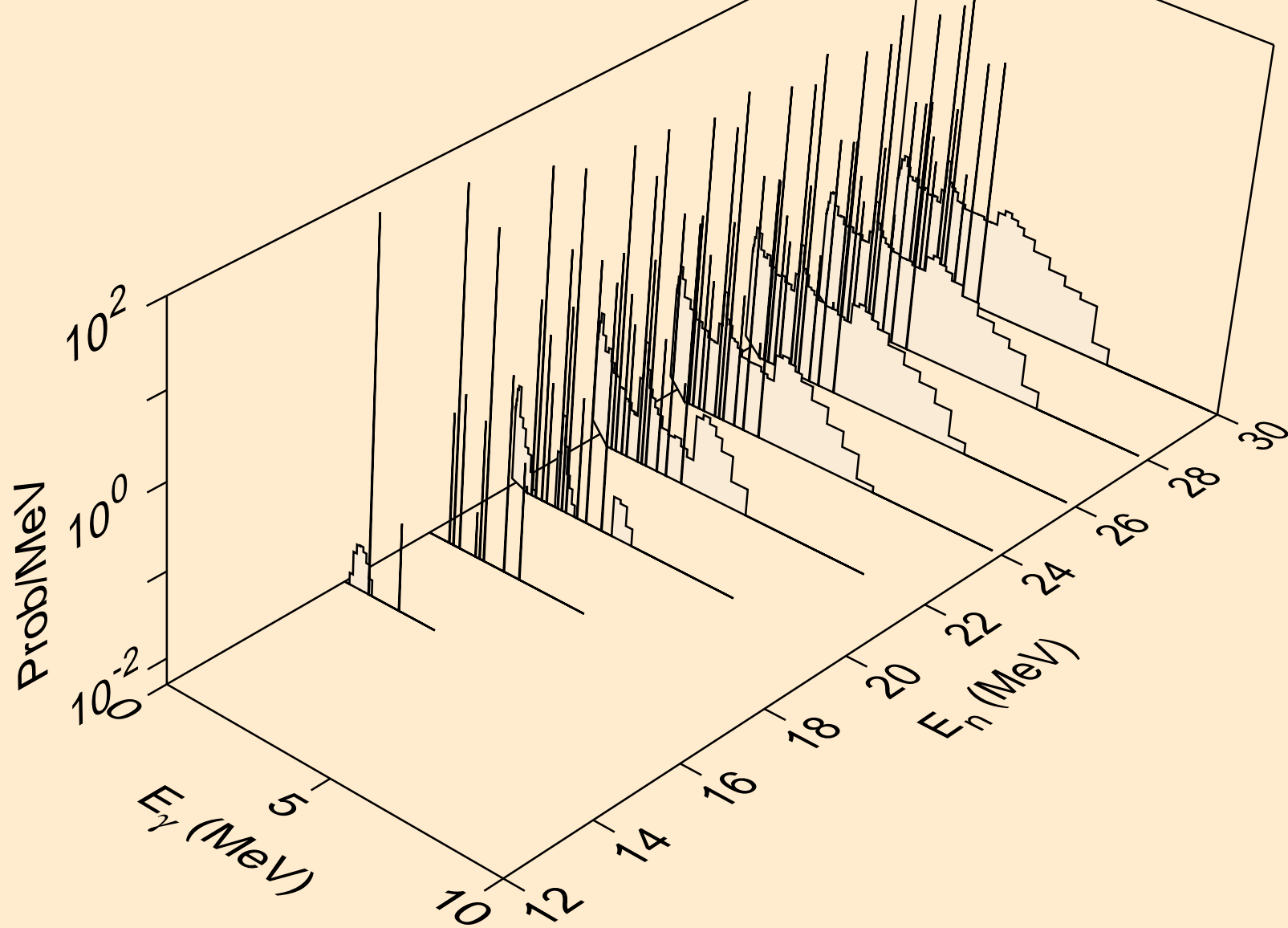
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



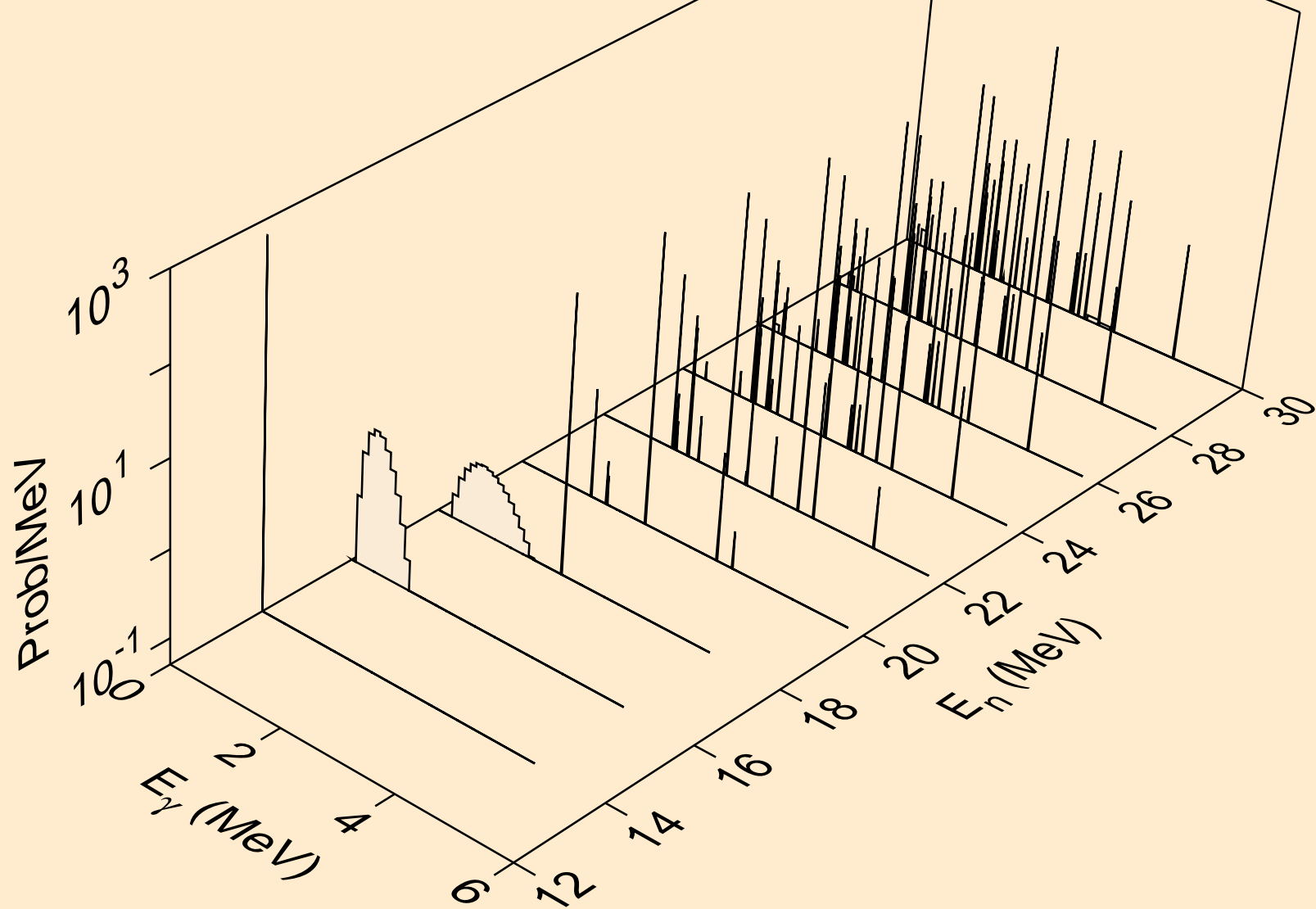
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



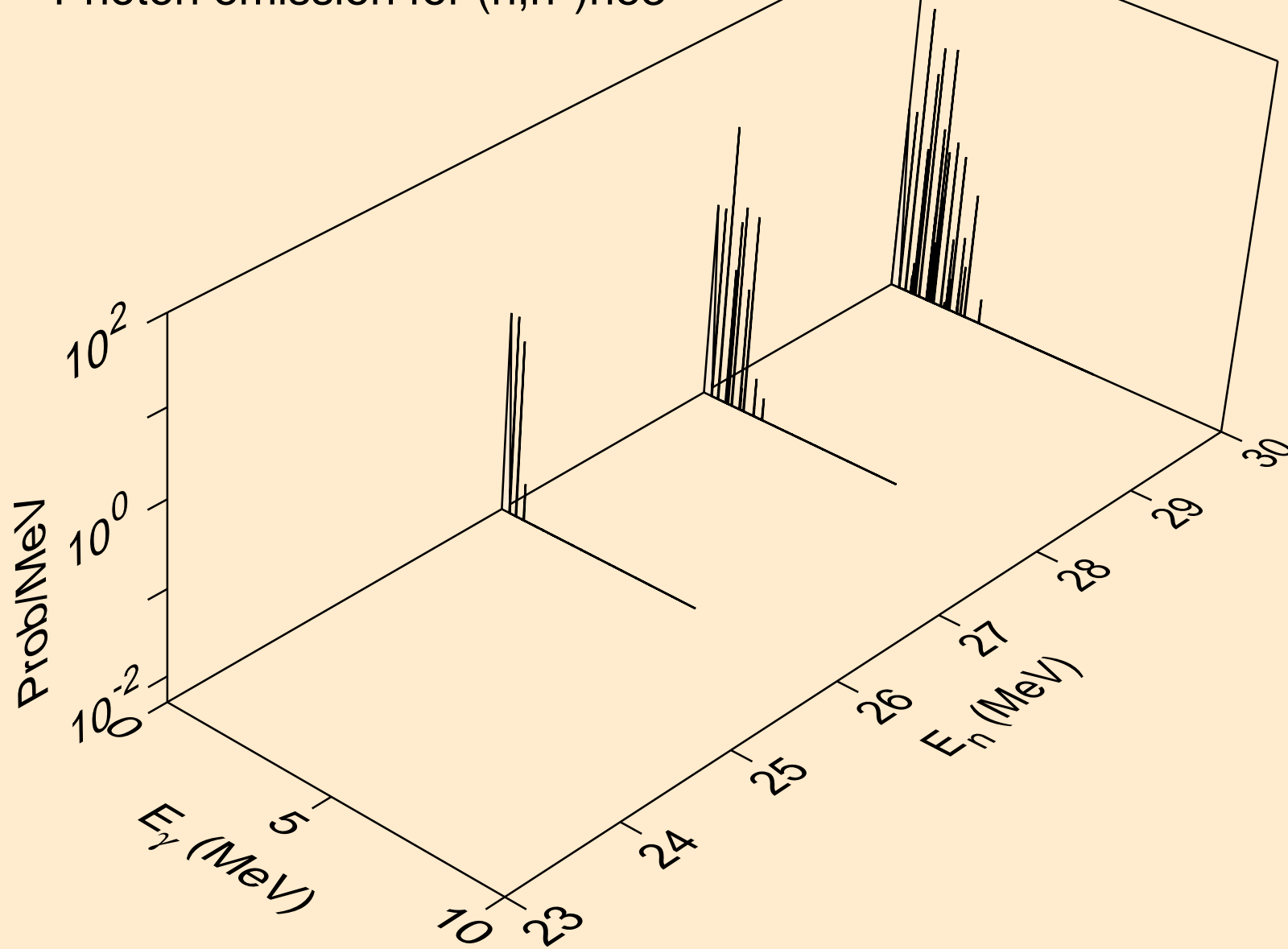
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



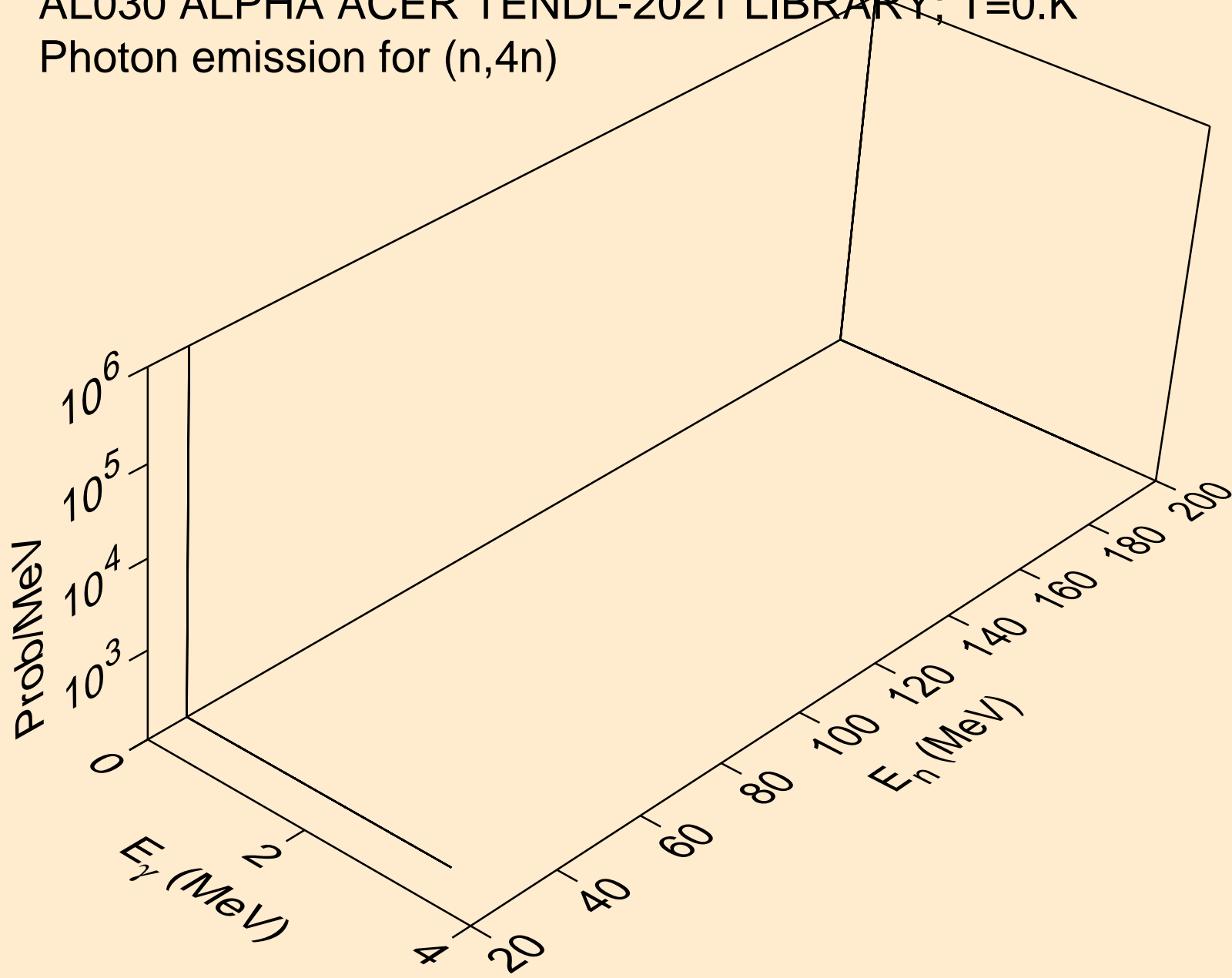
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



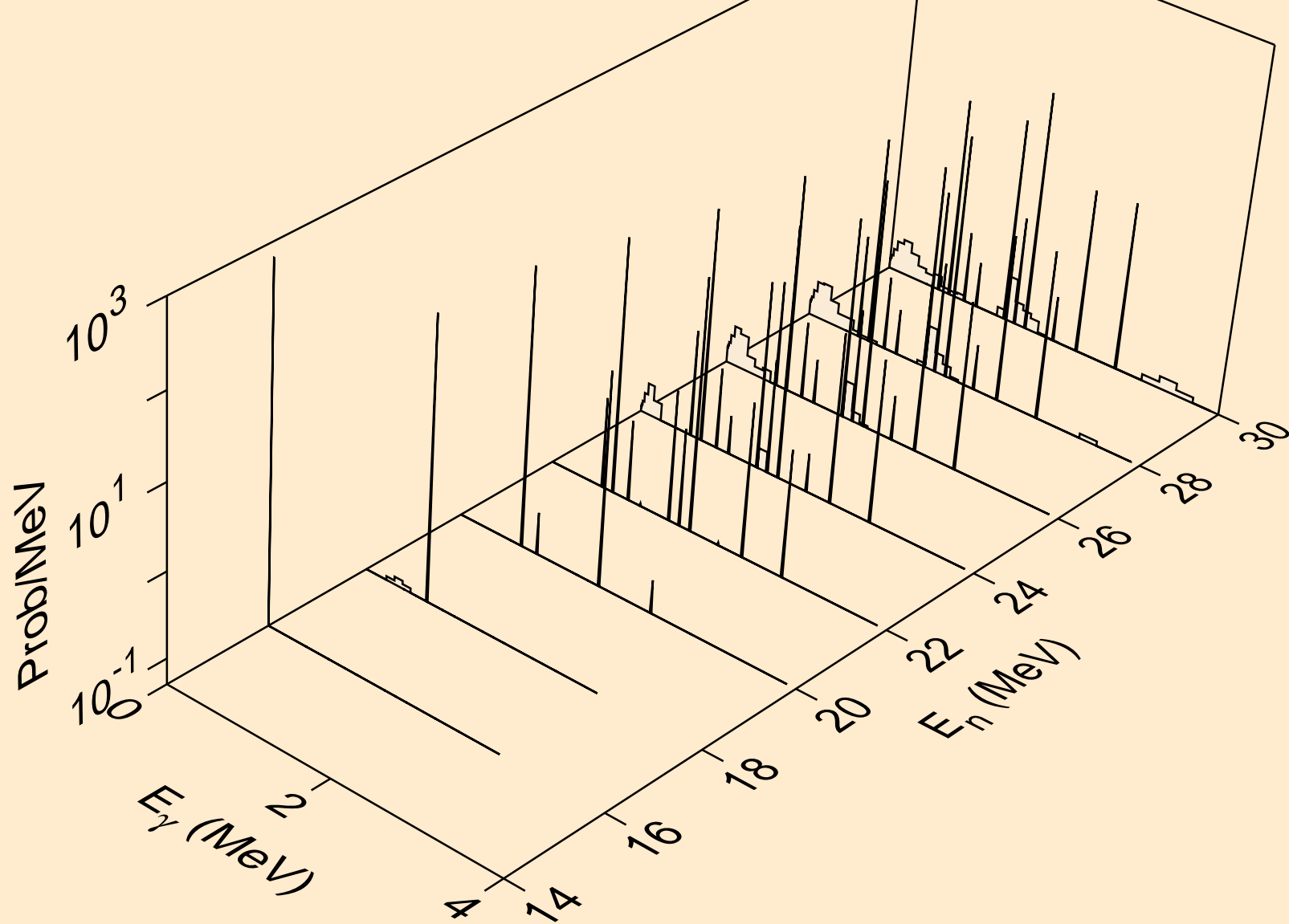
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



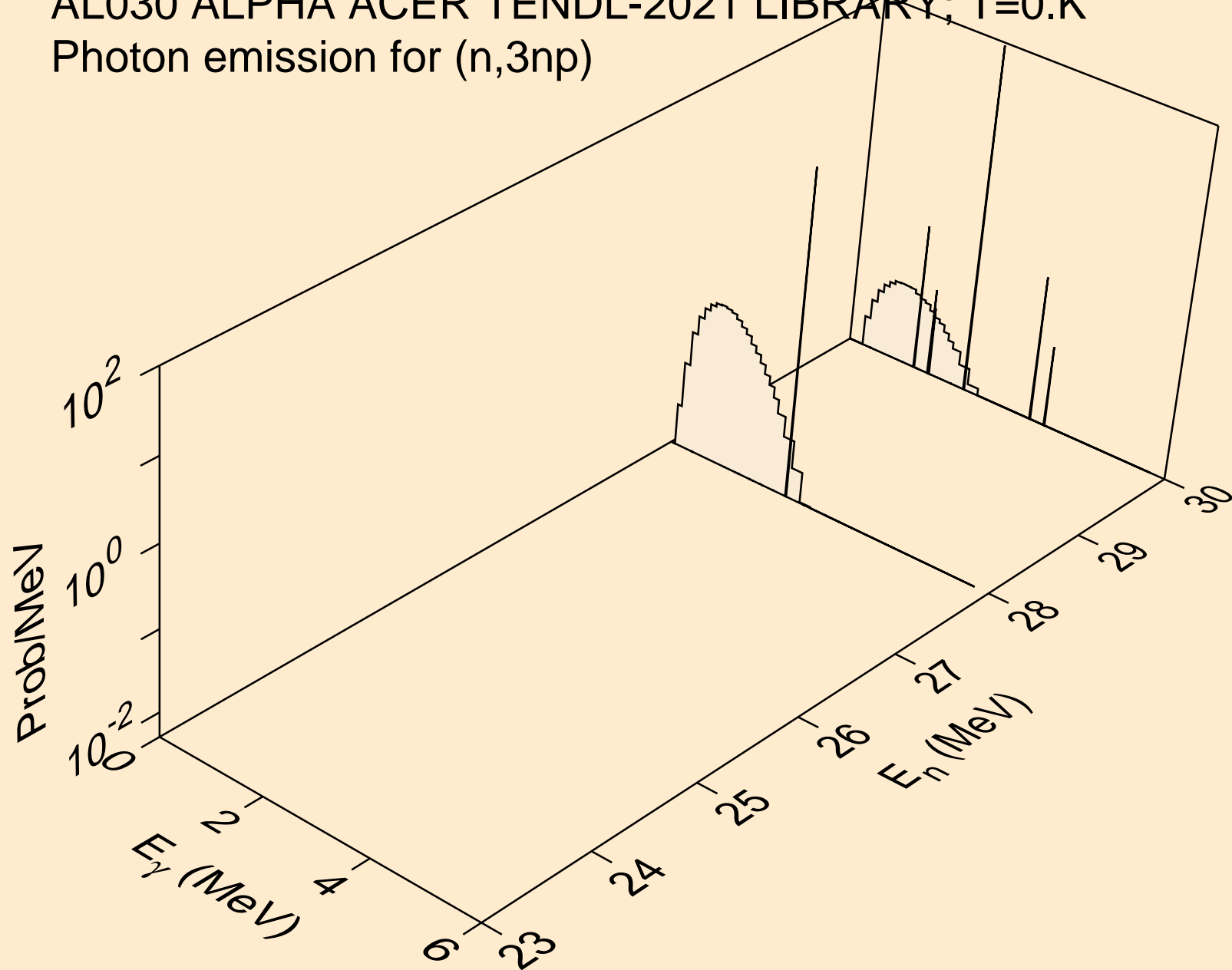
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,4n)



AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)

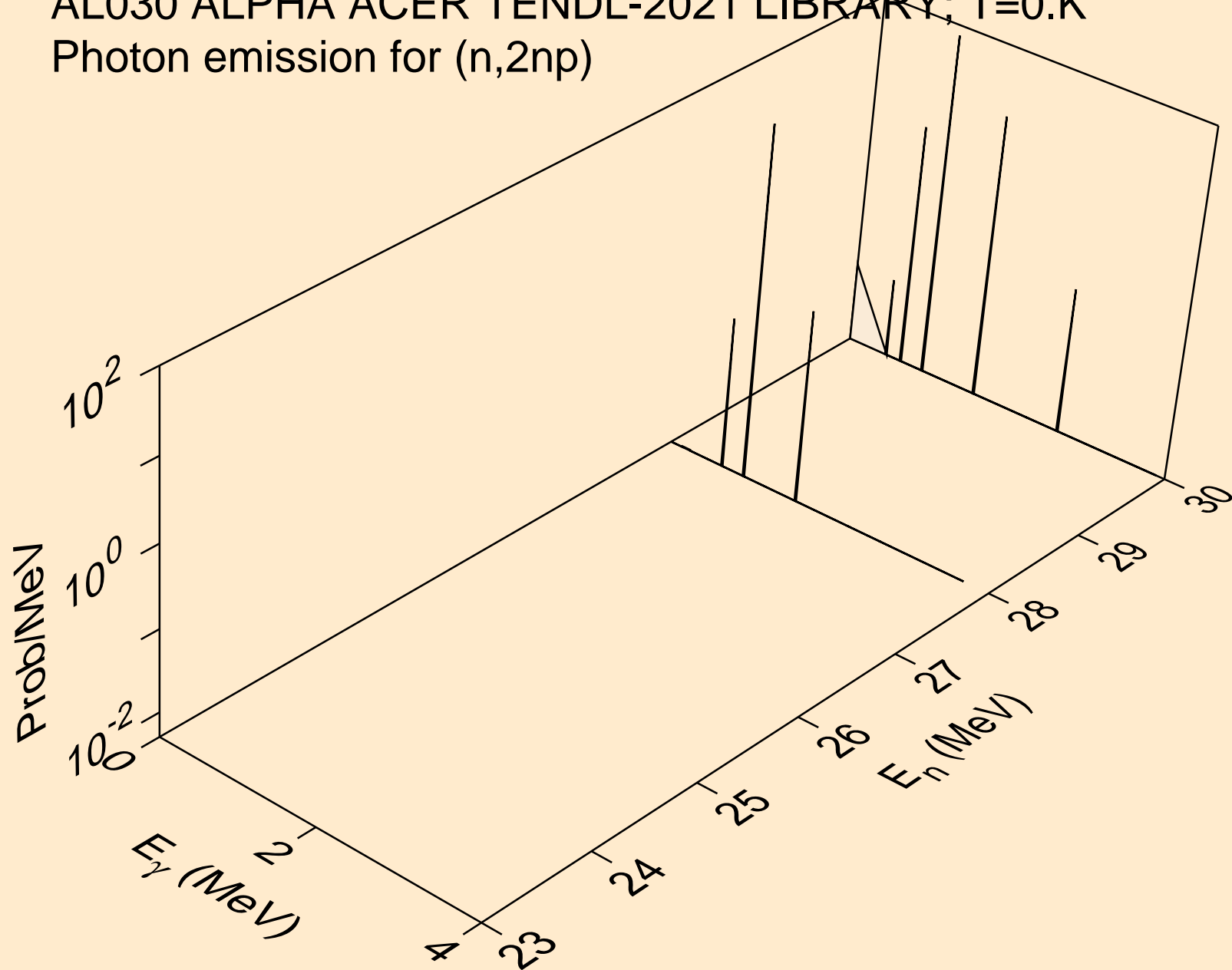


AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,3np)

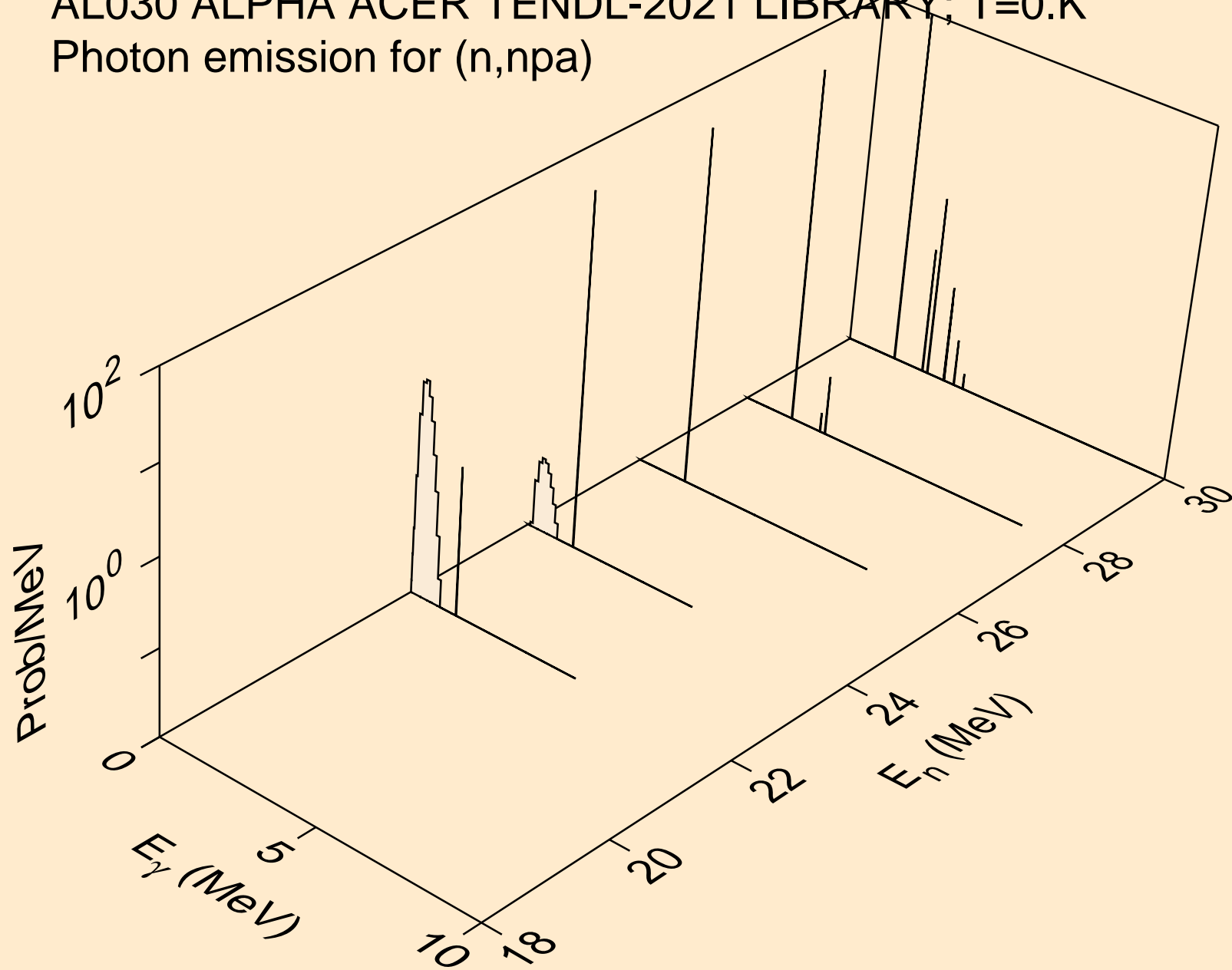




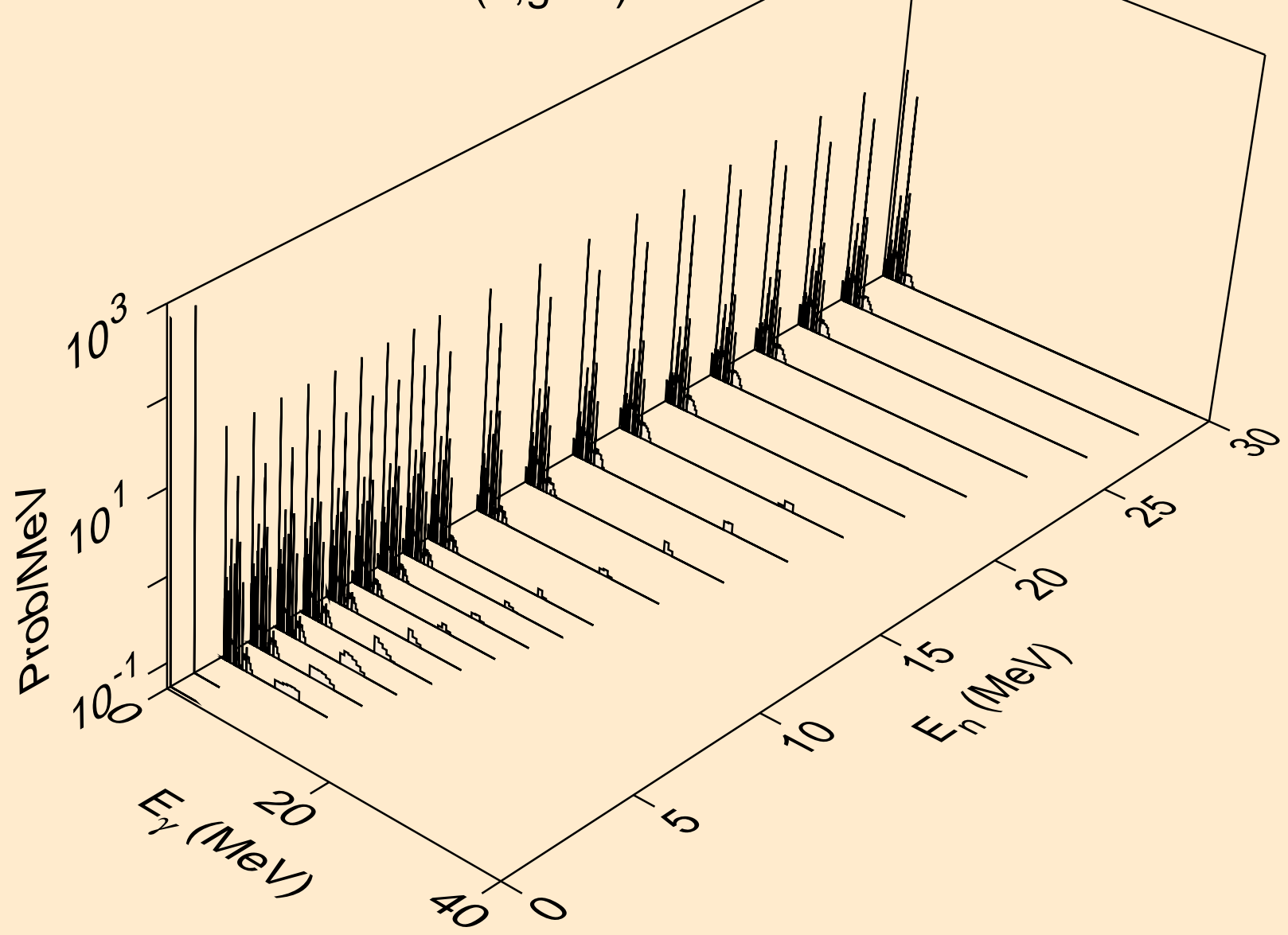
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2np)



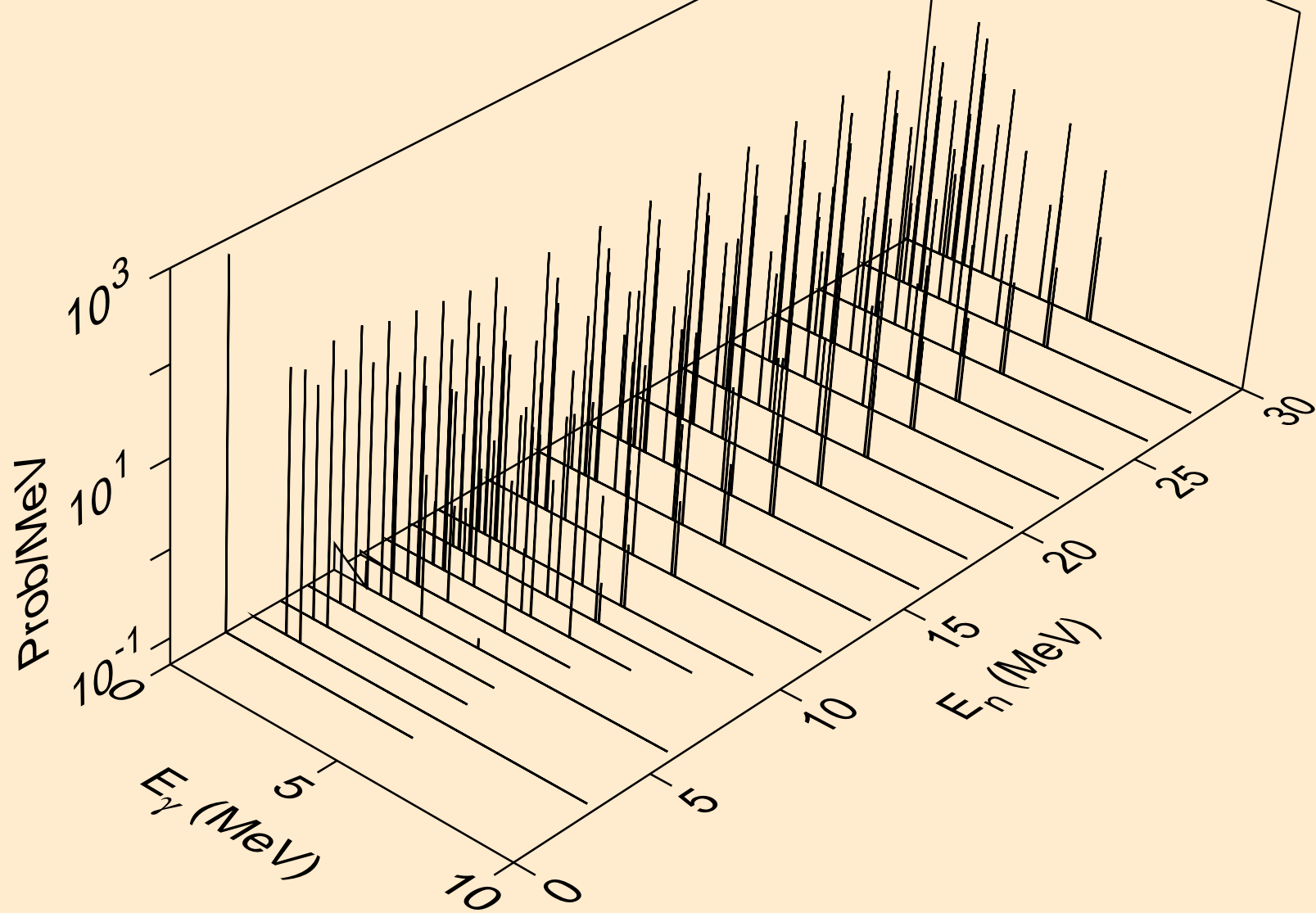
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,npa)



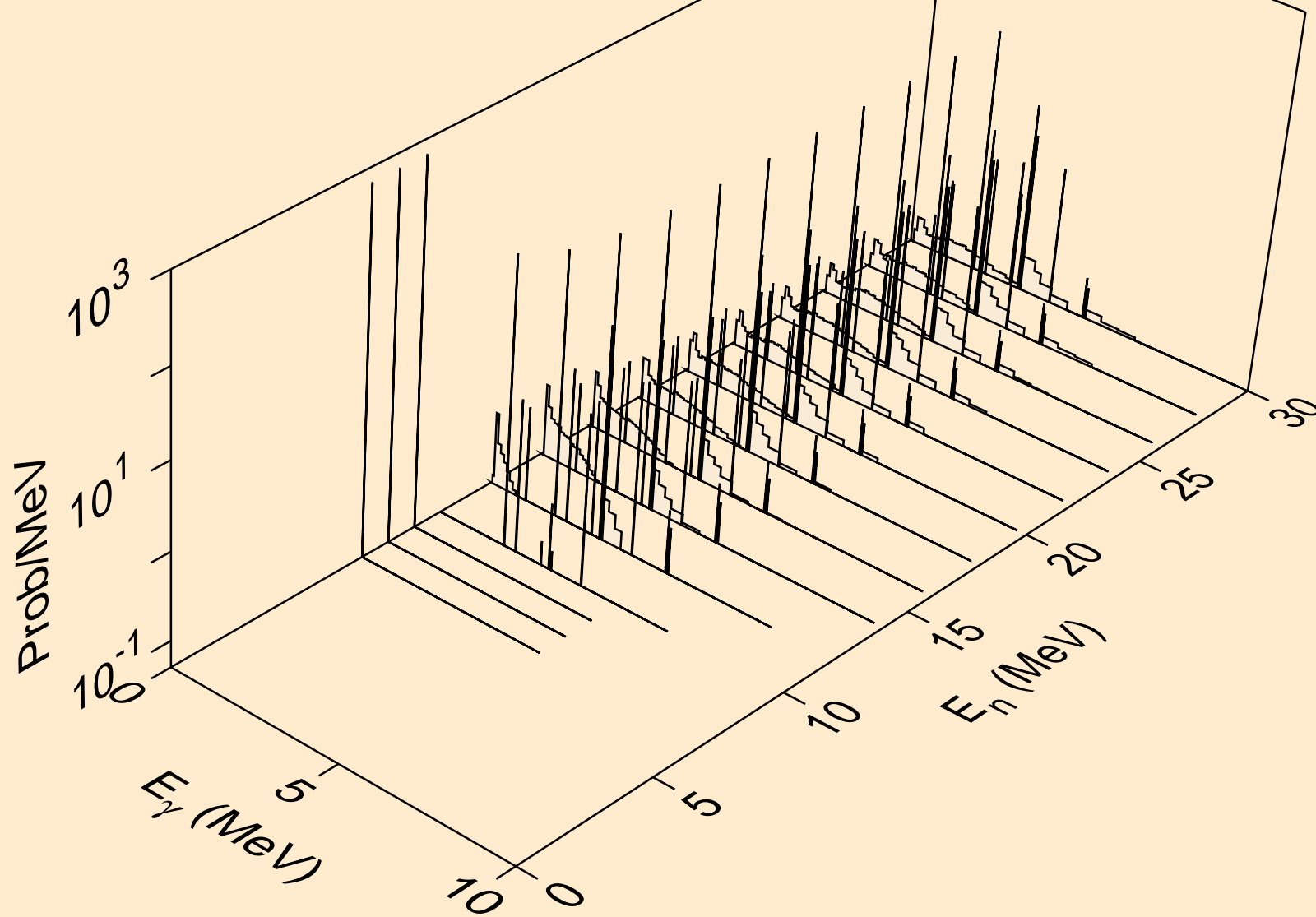
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,gma)



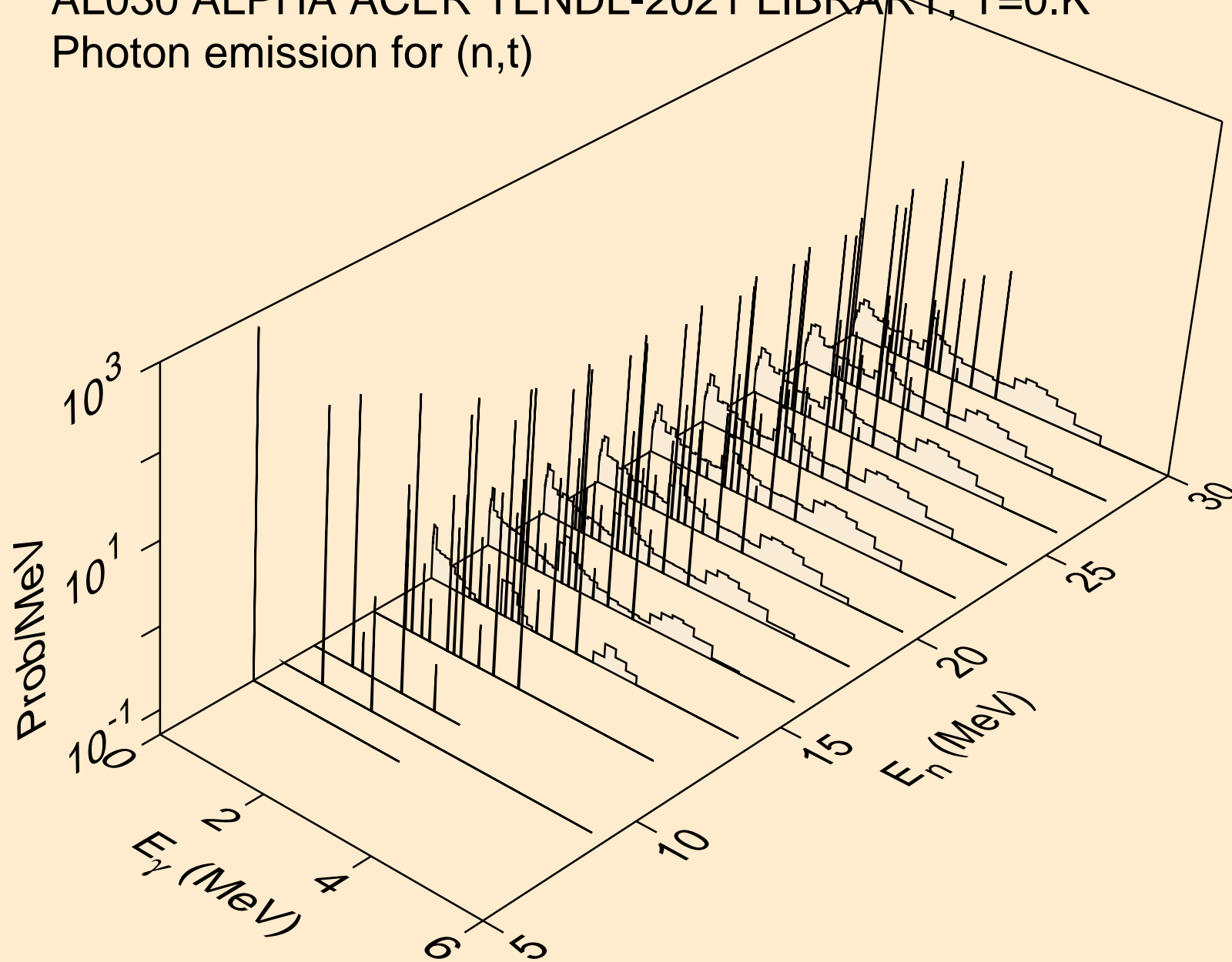
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,p)



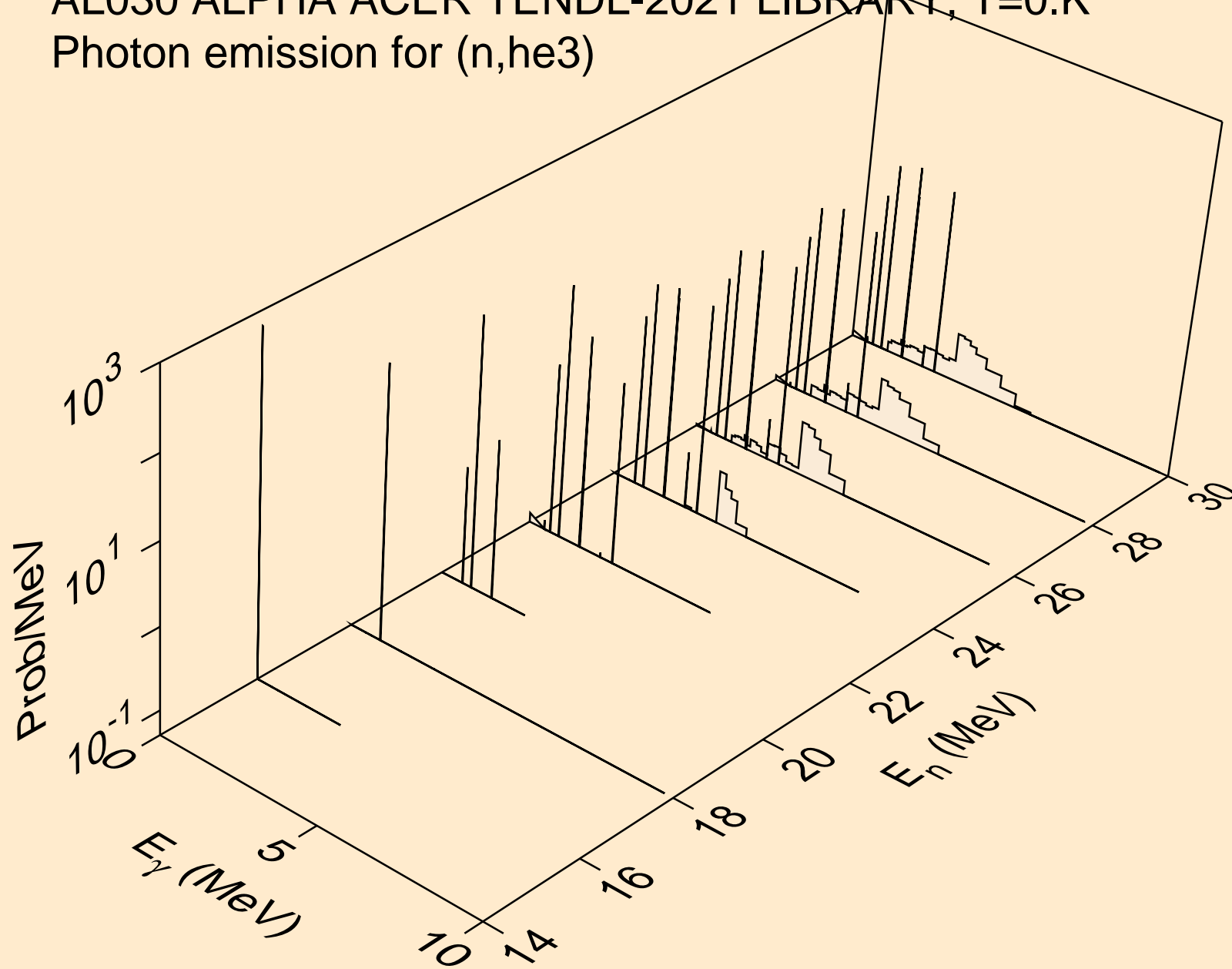
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,d)



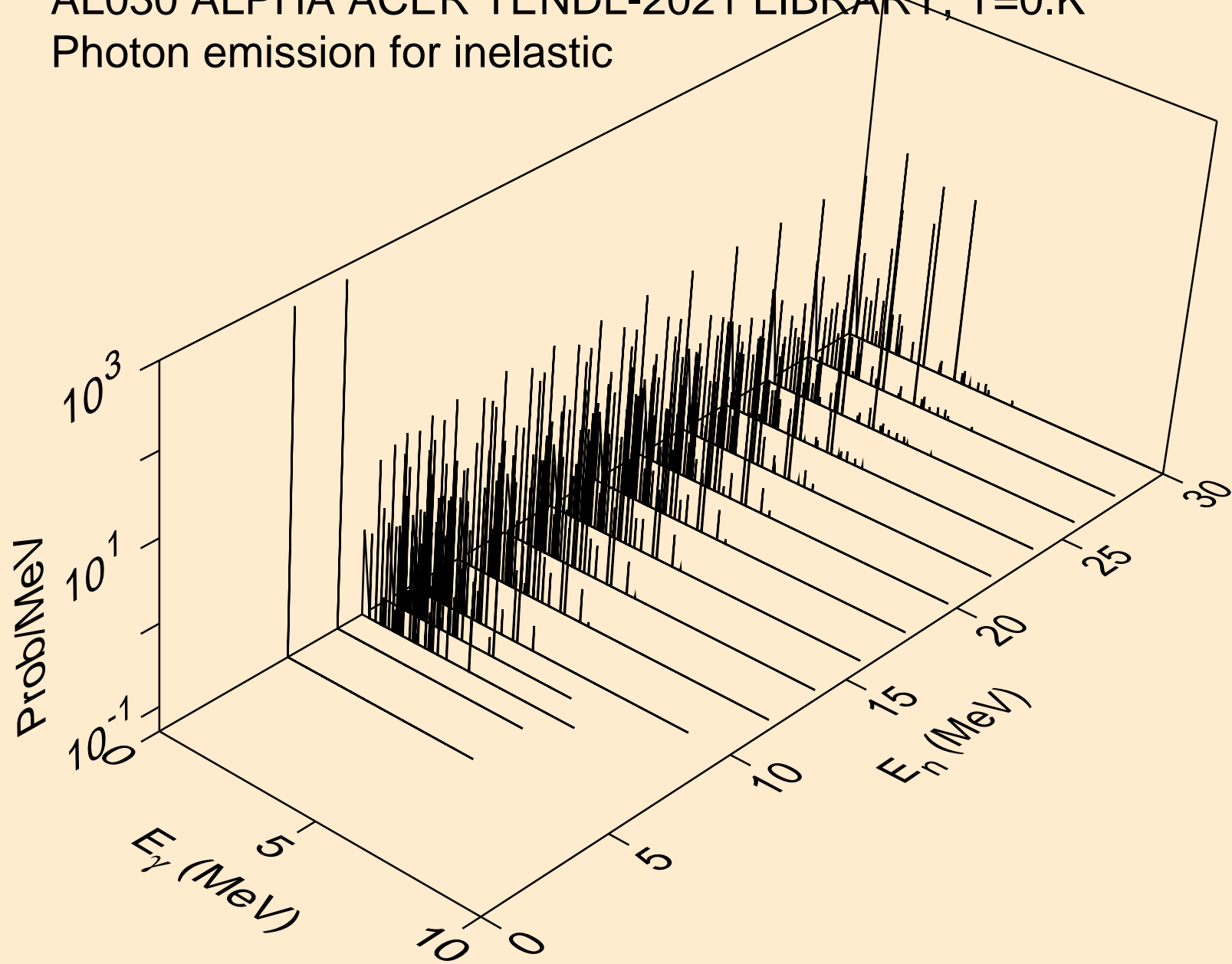
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,t)



AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,he3)

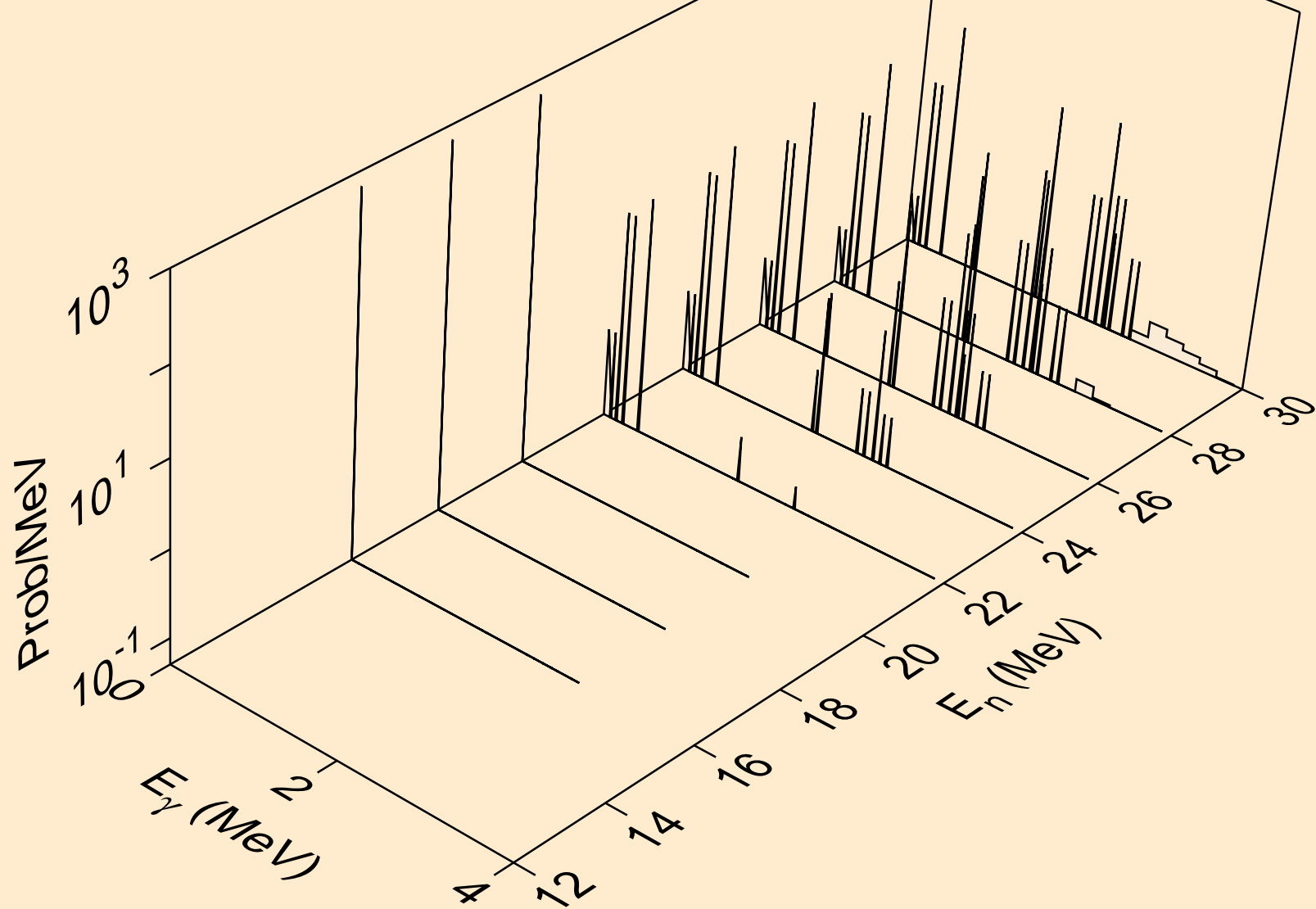


AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for inelastic

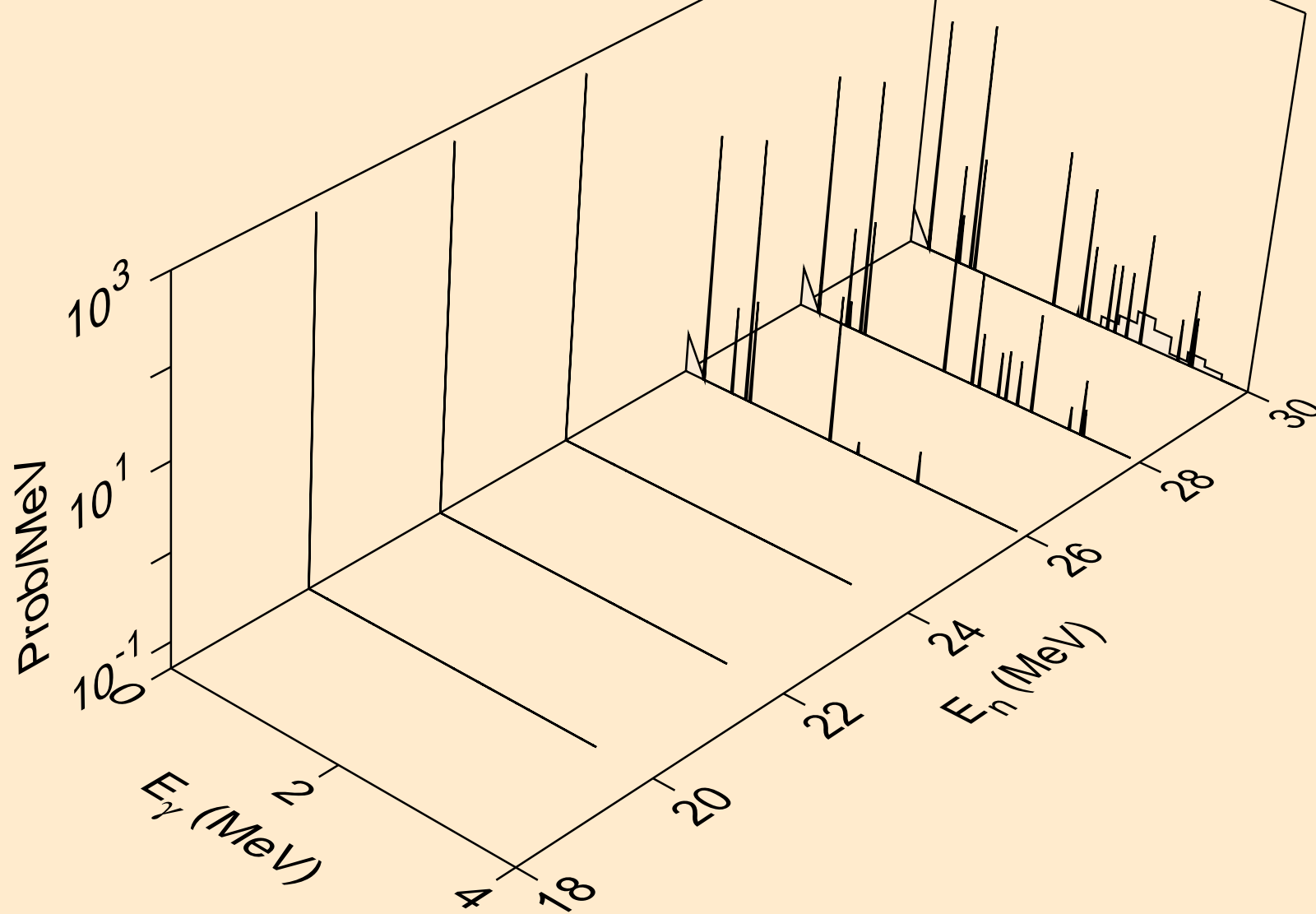




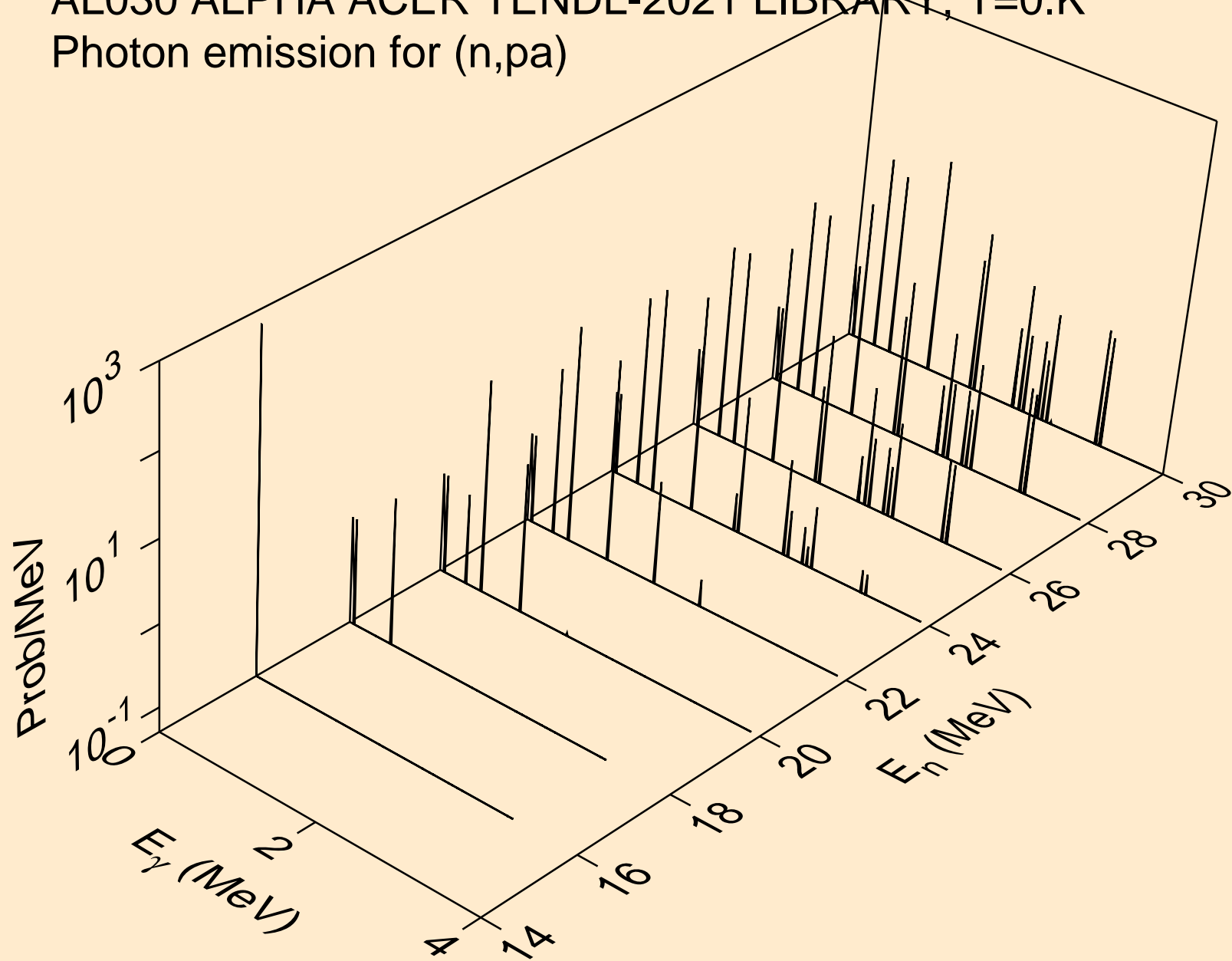
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2a)



AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,2p)

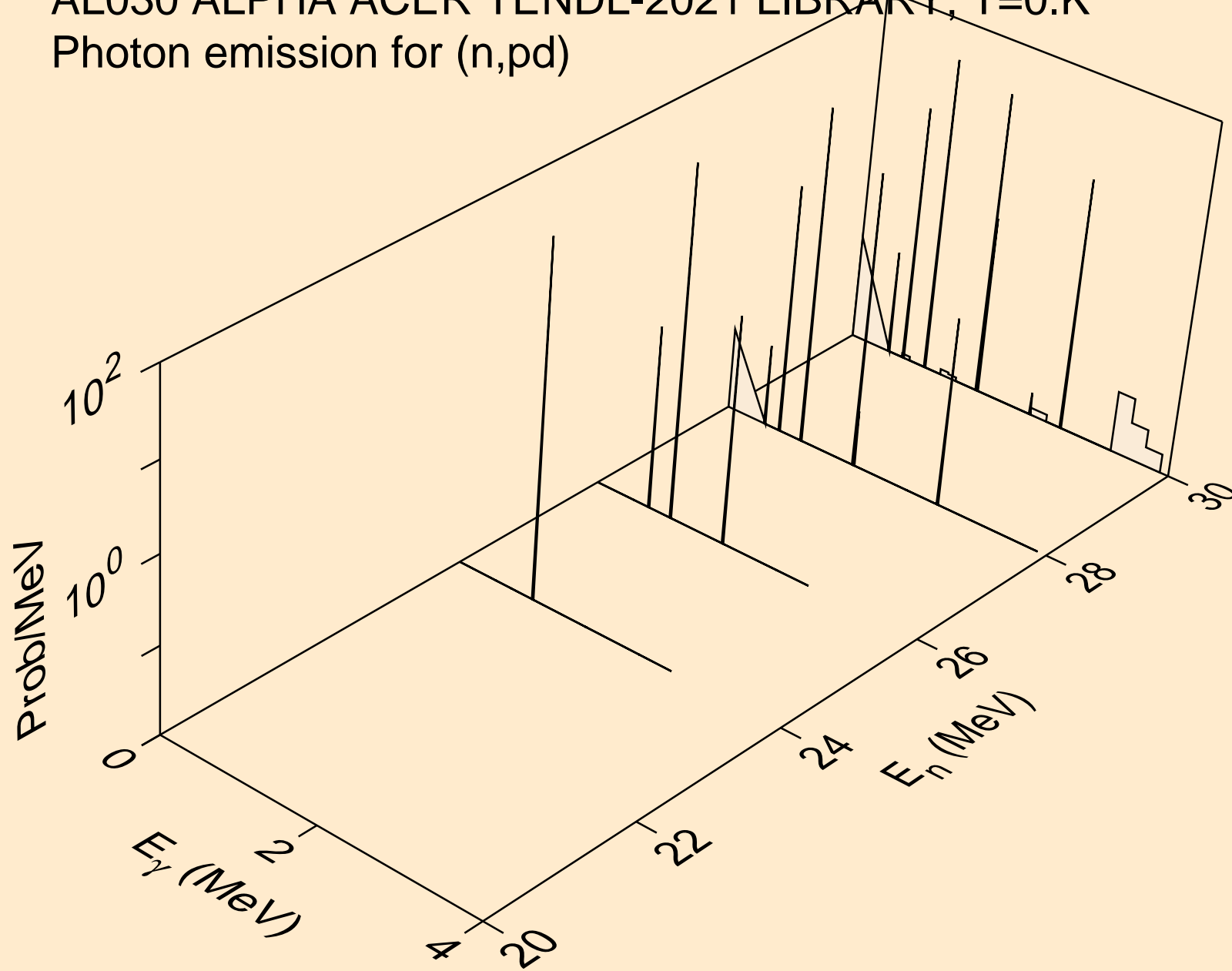


AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pa)

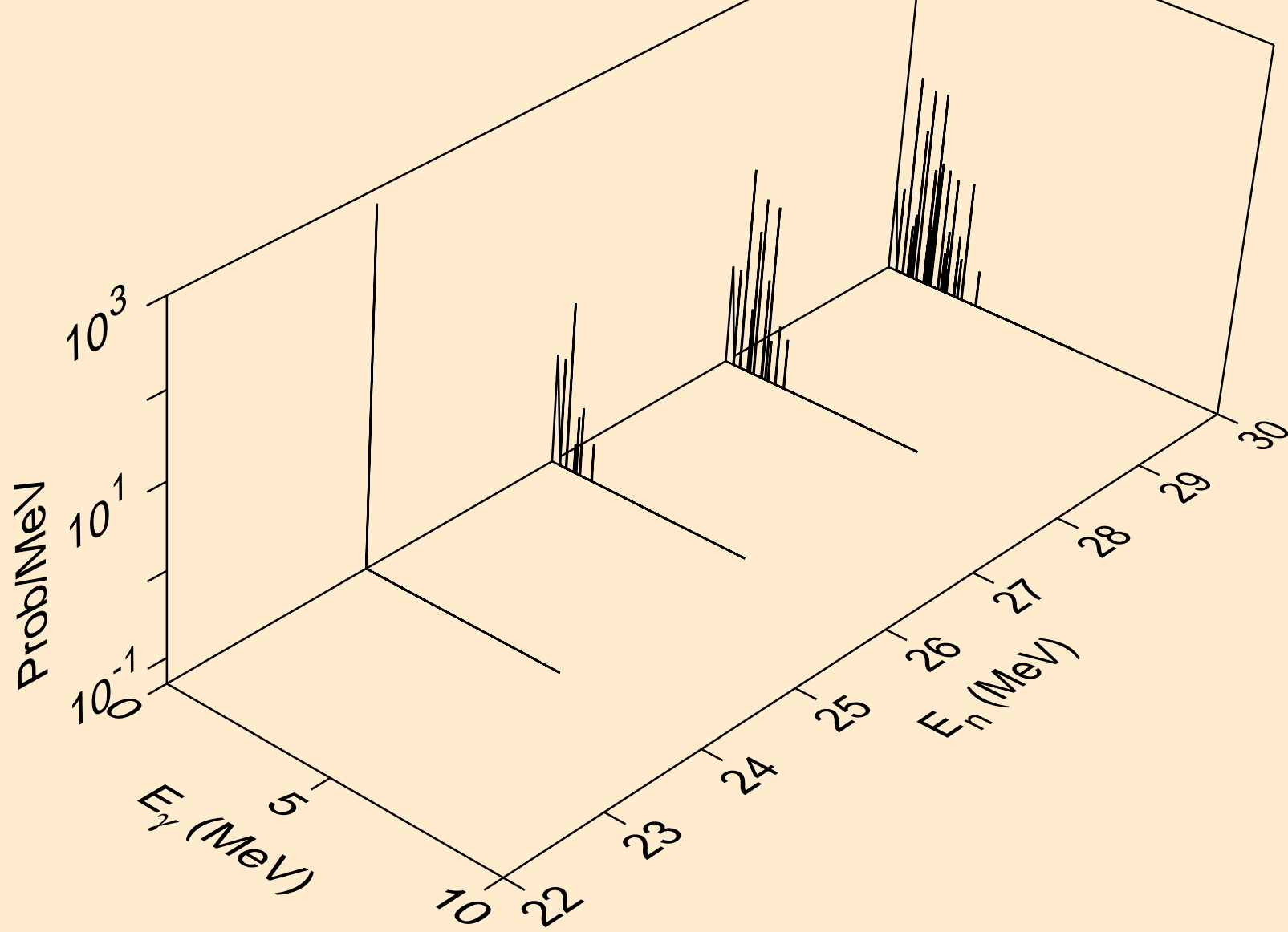


AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

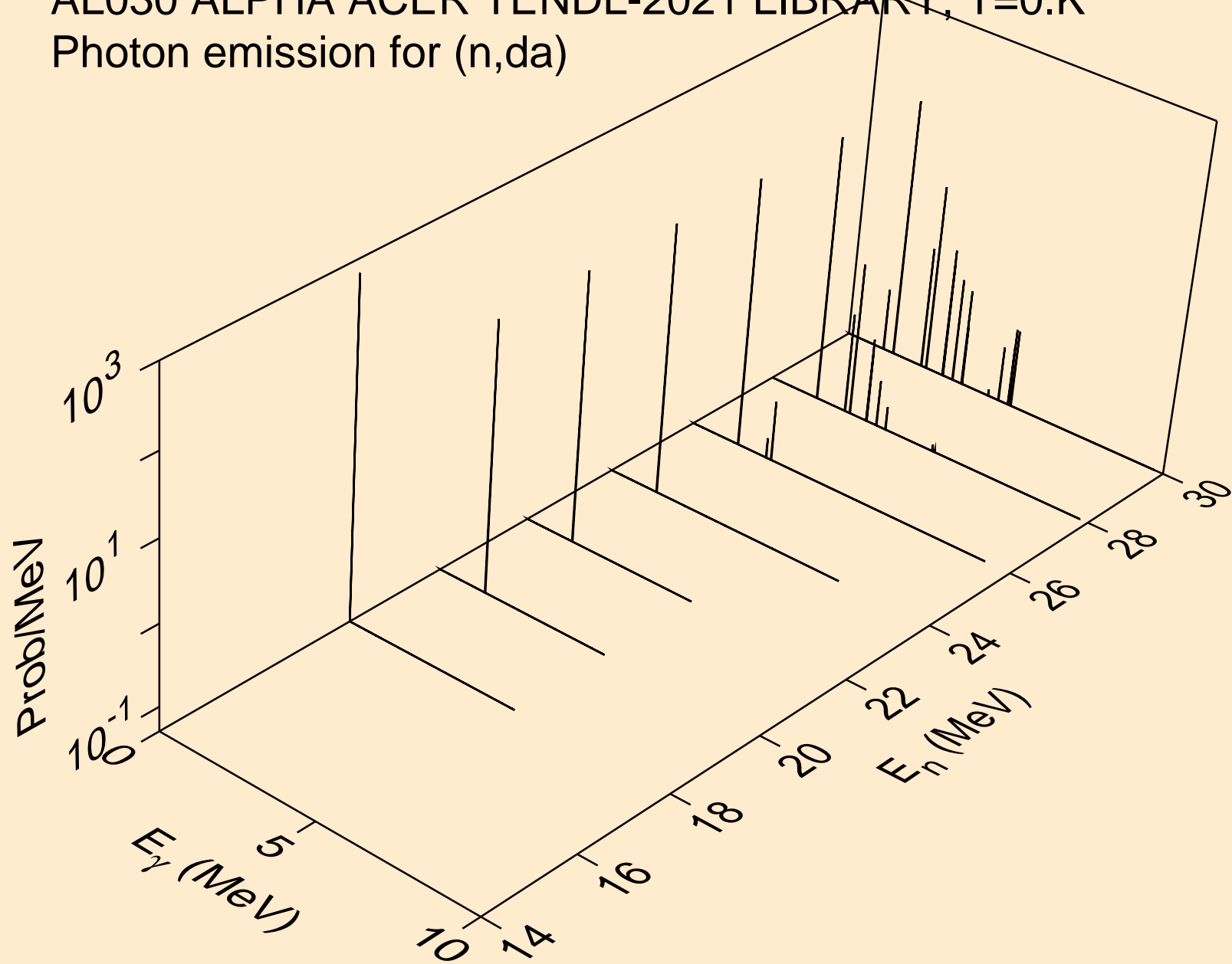
Photon emission for (n,pd)



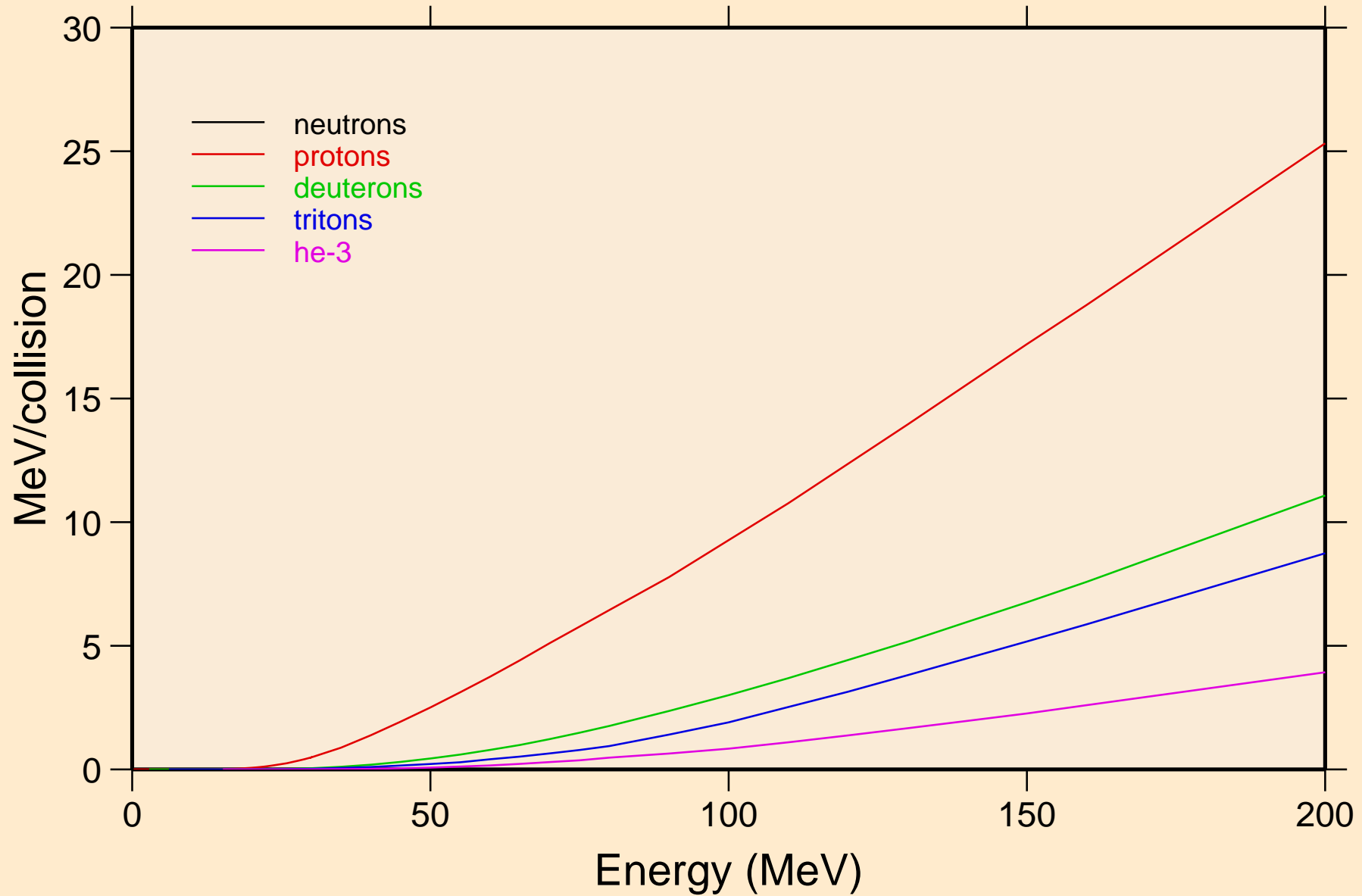
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,pt)



AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Photon emission for (n,da)

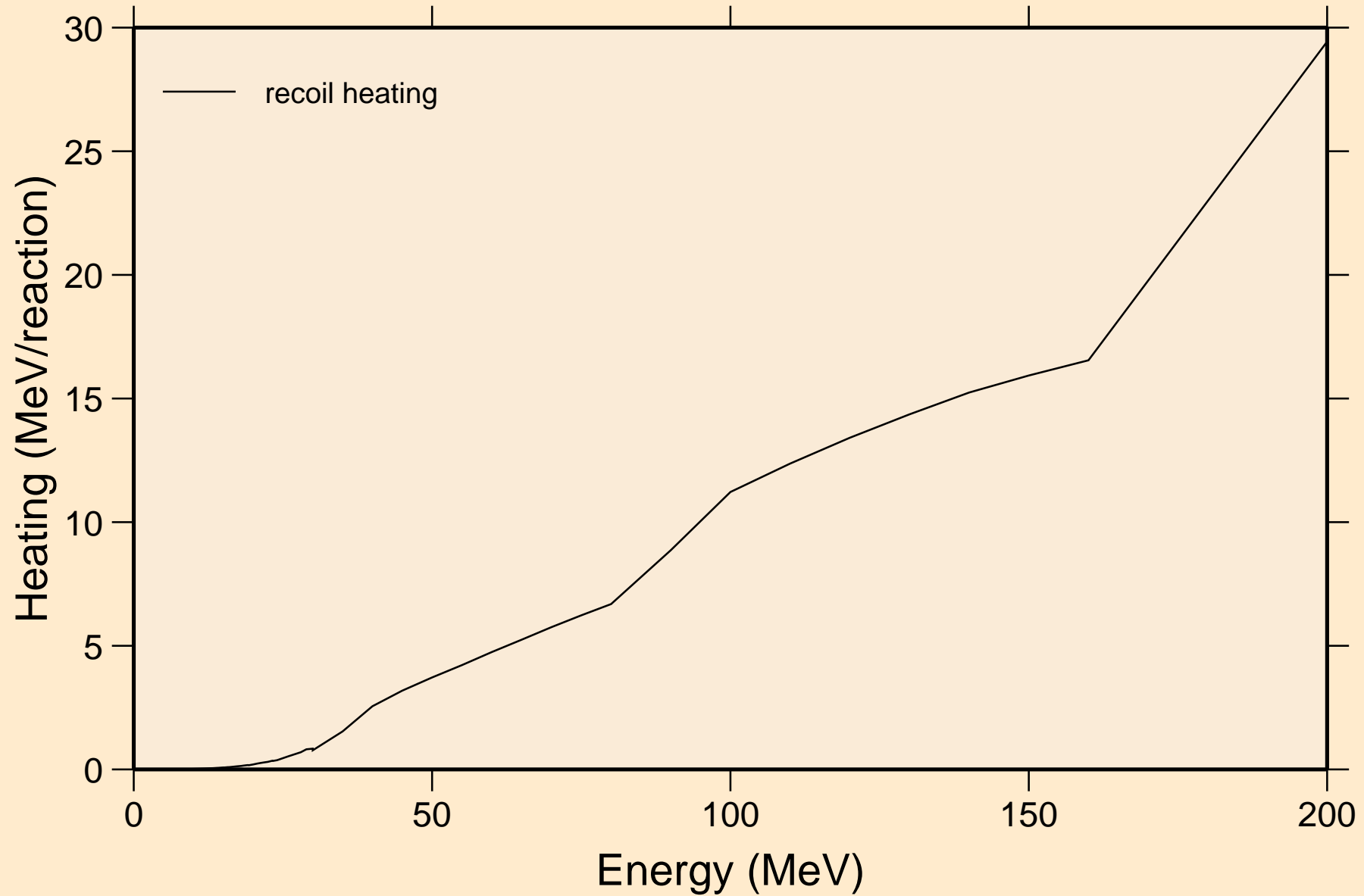


AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Particle heating contributions



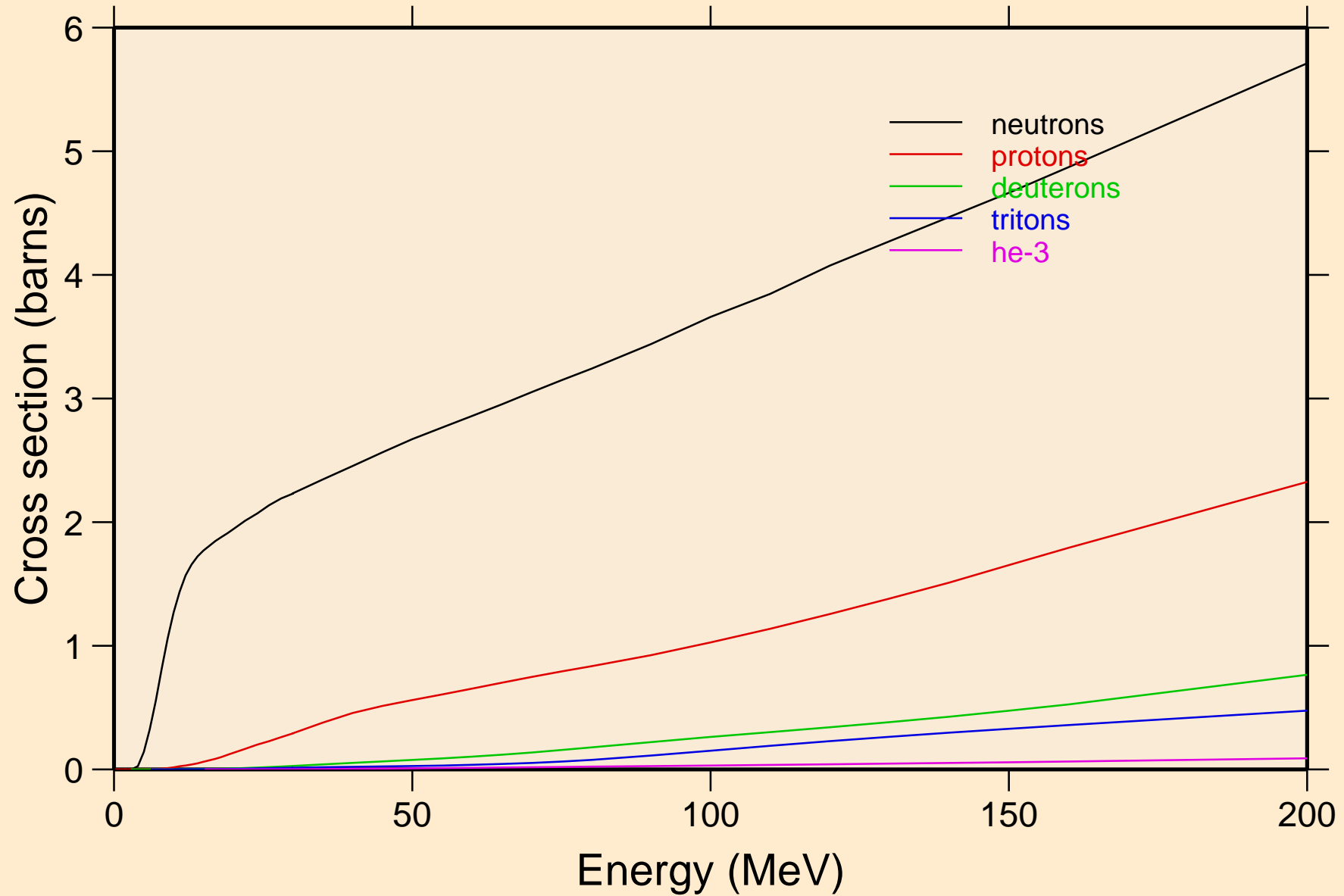
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Recoil Heating

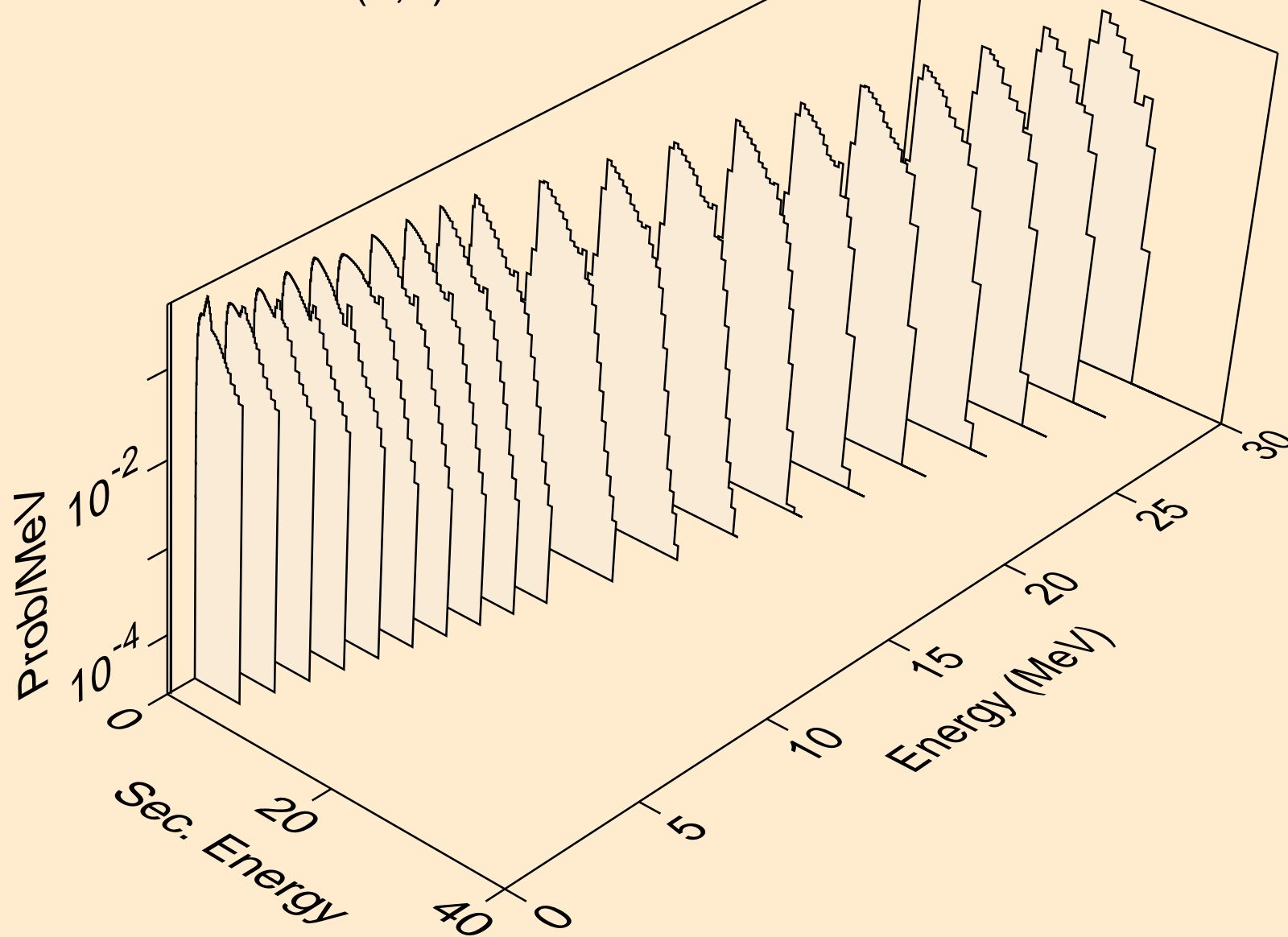




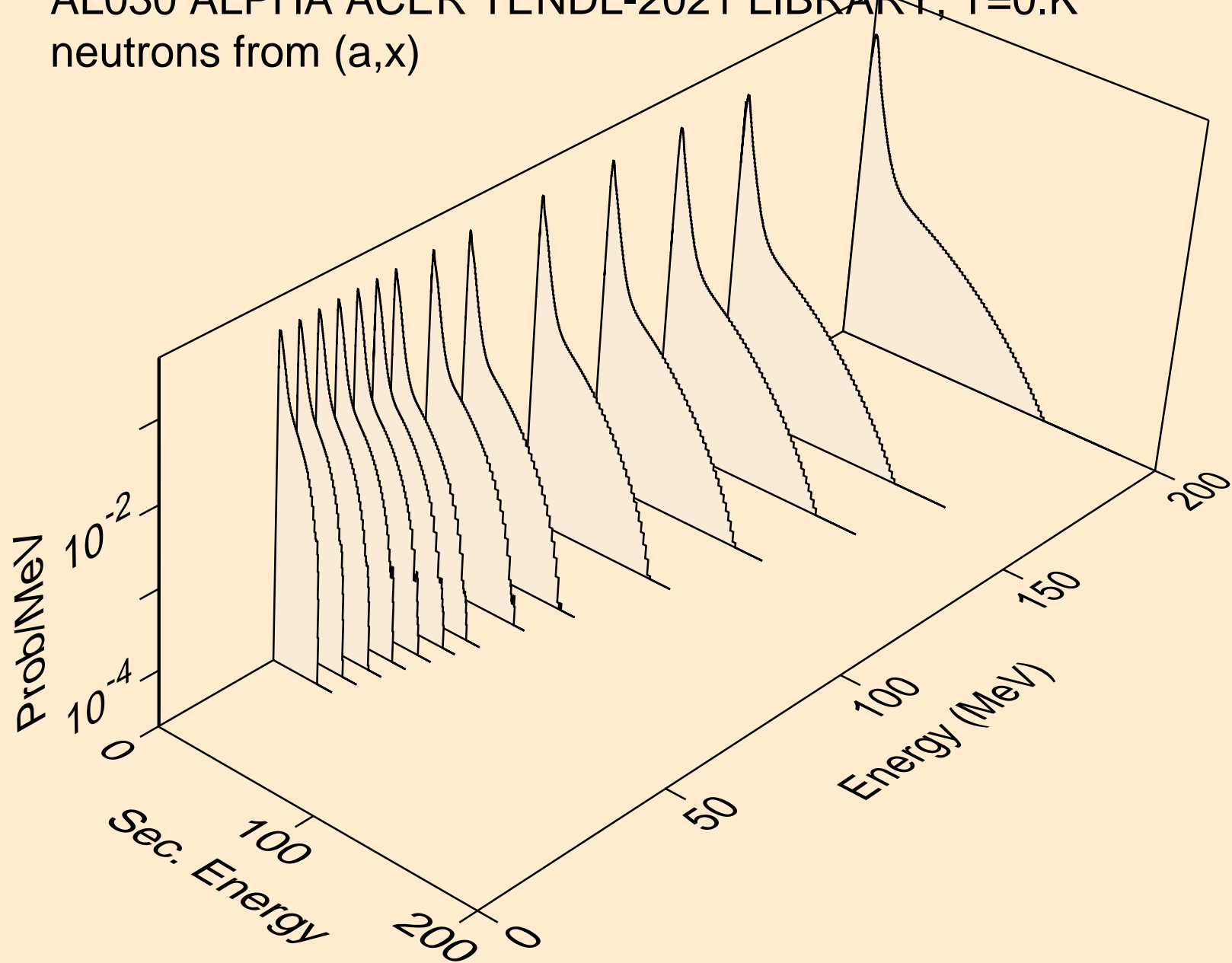
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
Particle production cross sections



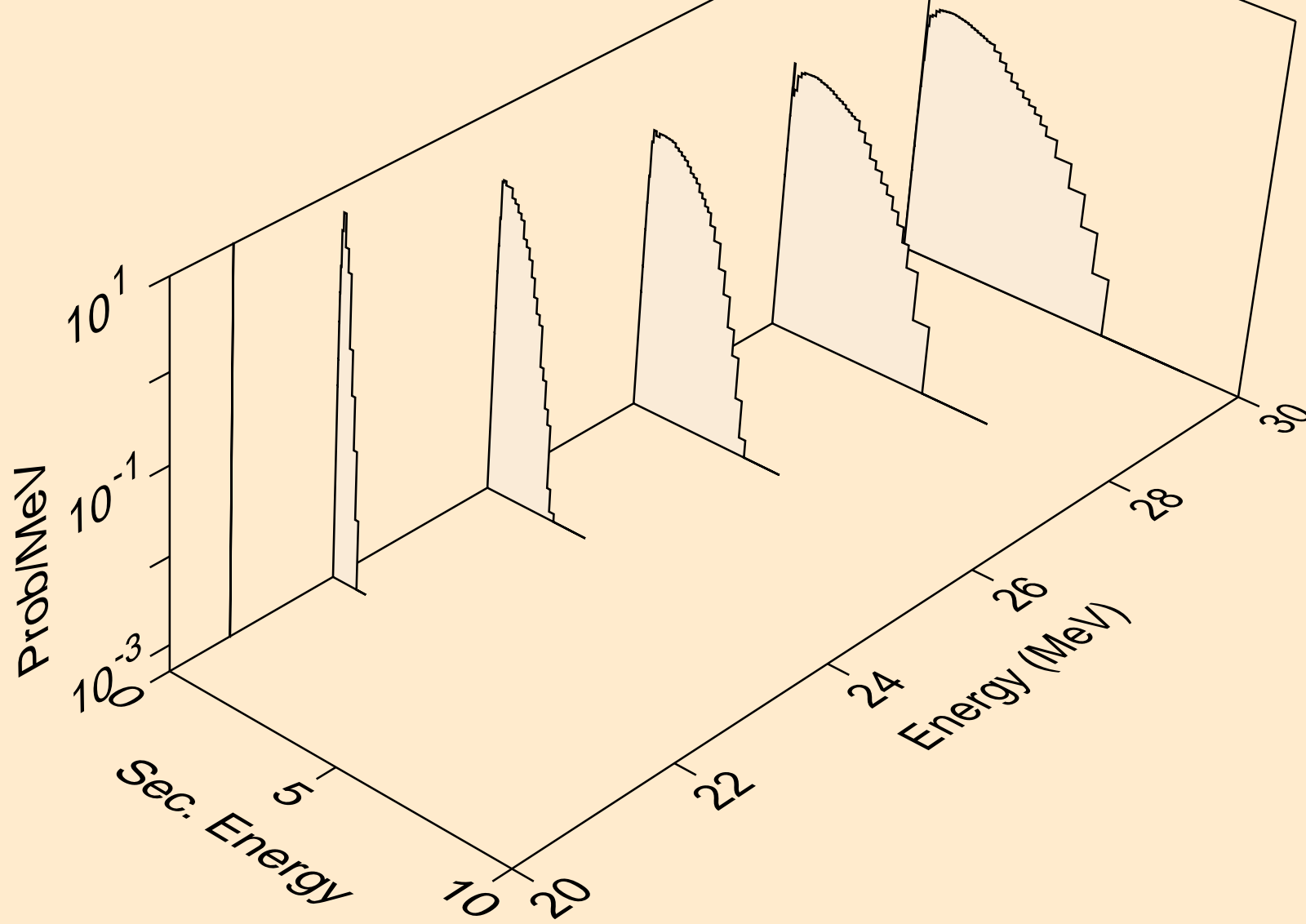
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n)



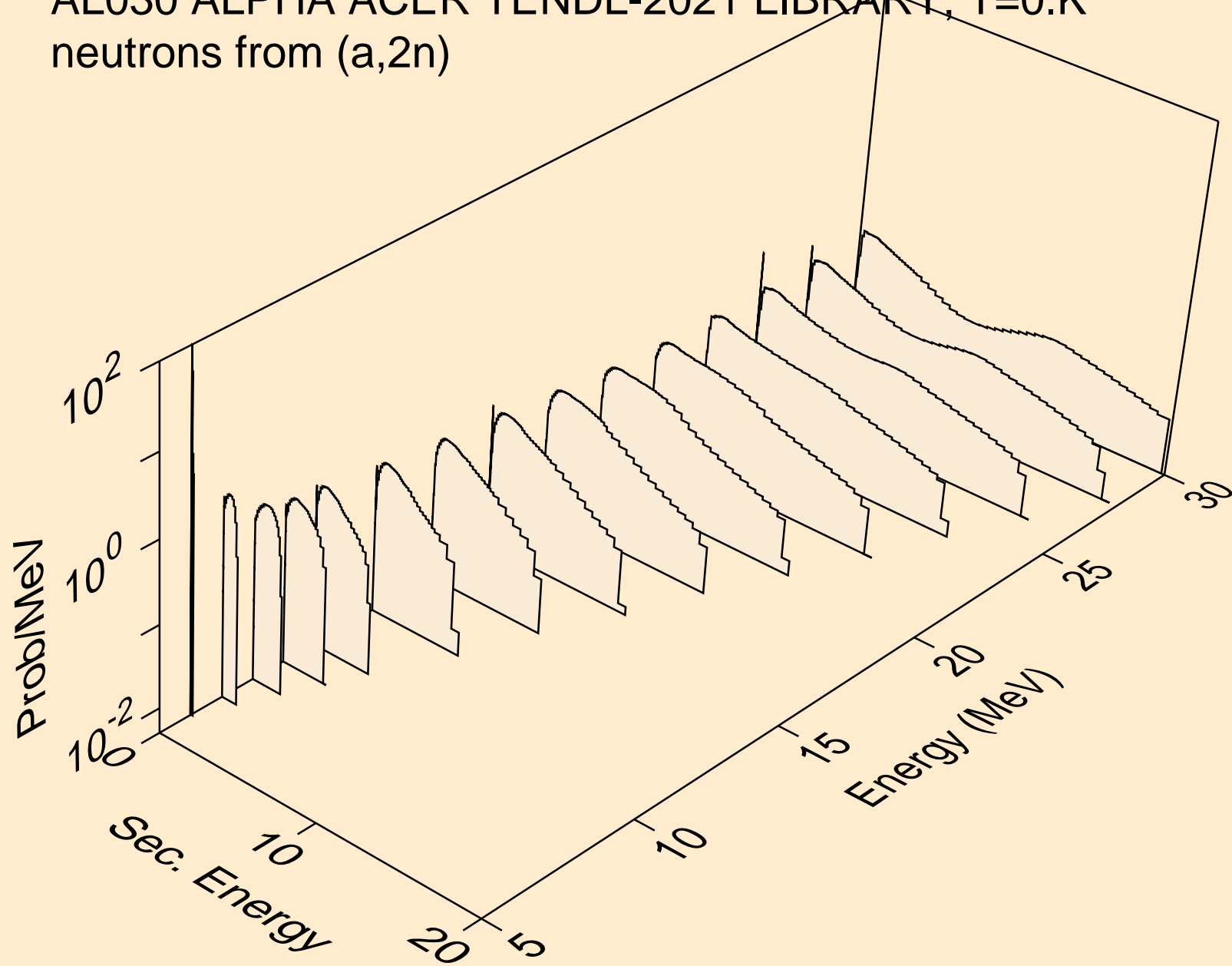
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,x)



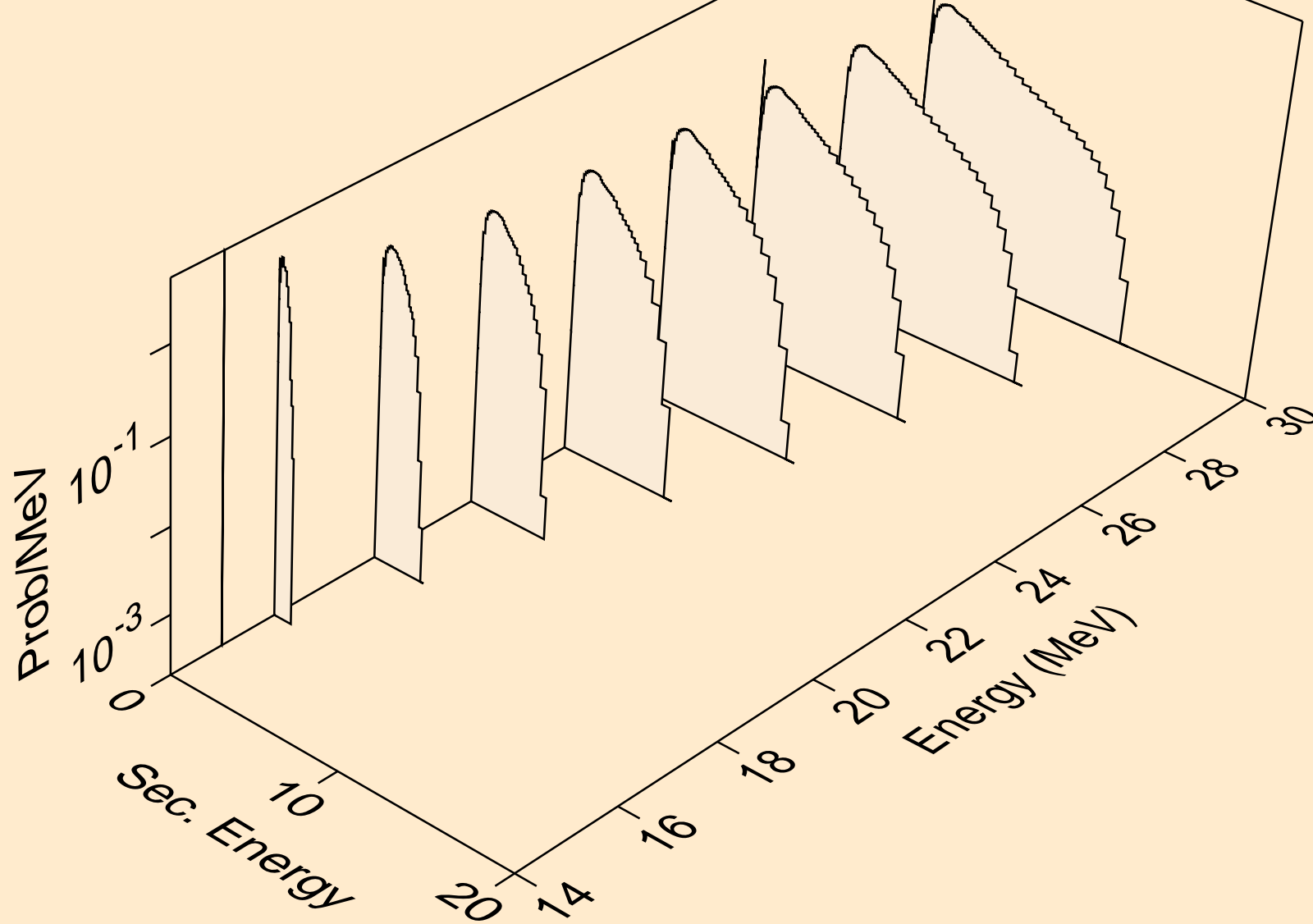
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2nd)



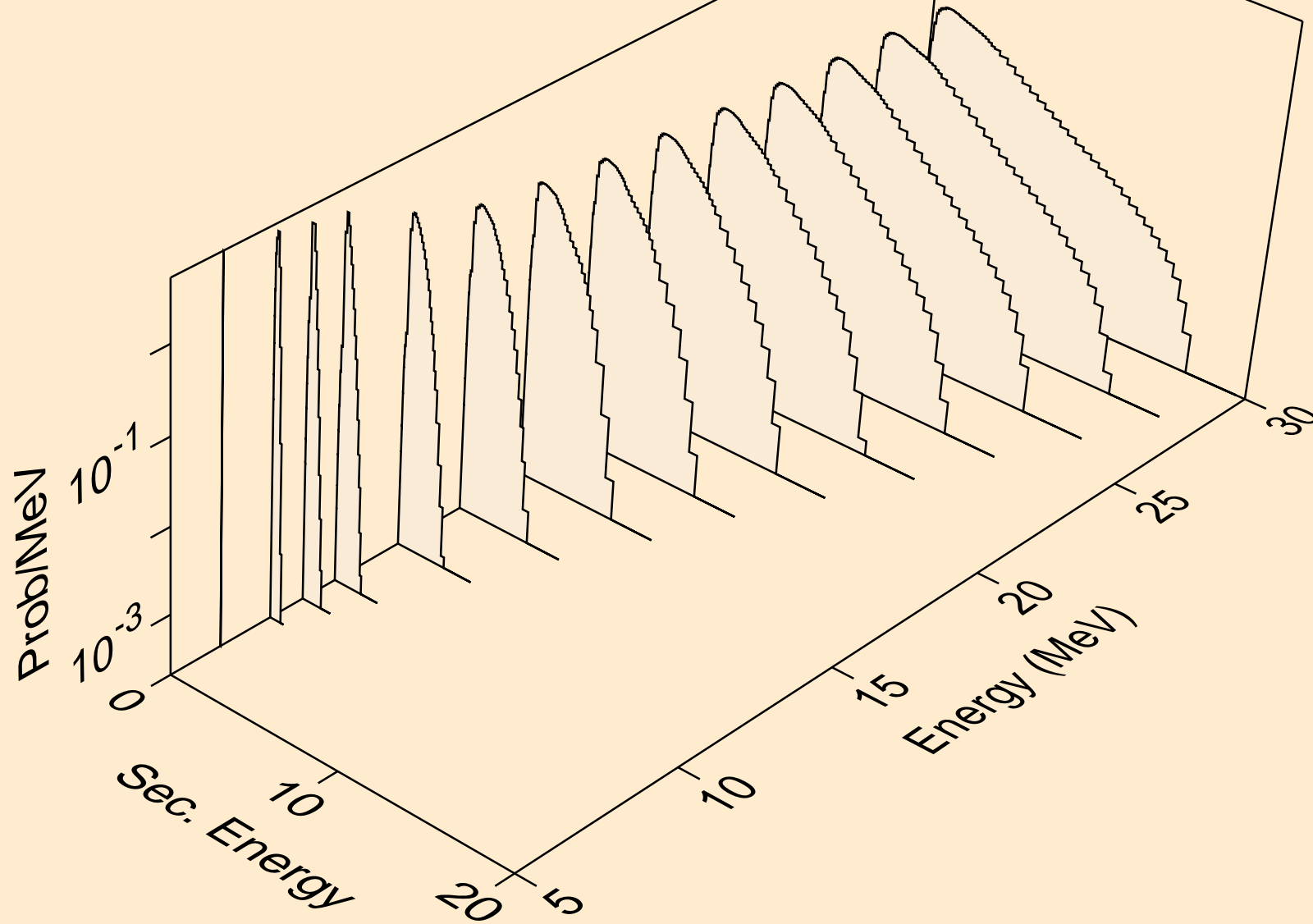
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2n)



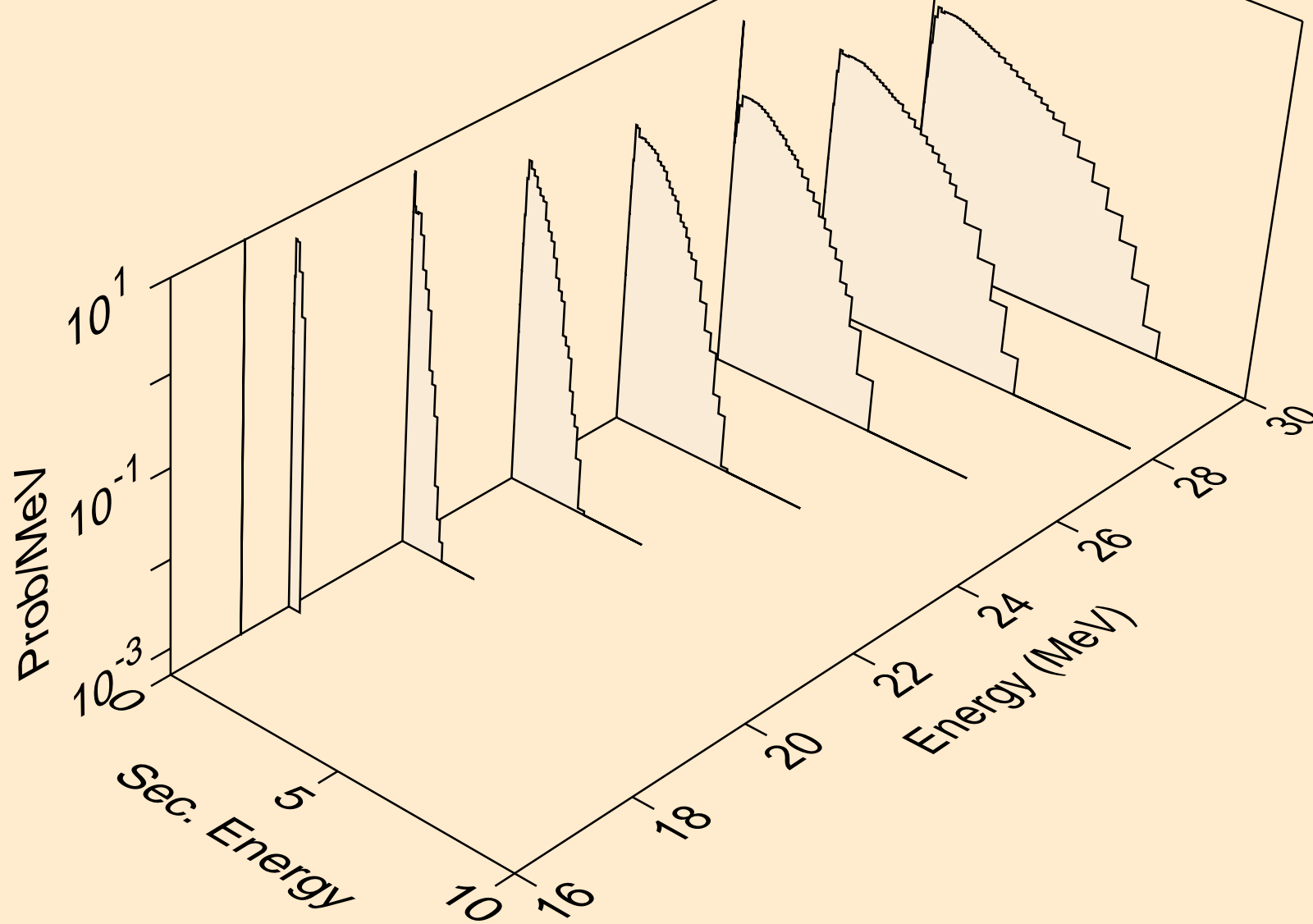
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,3n)



AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)a

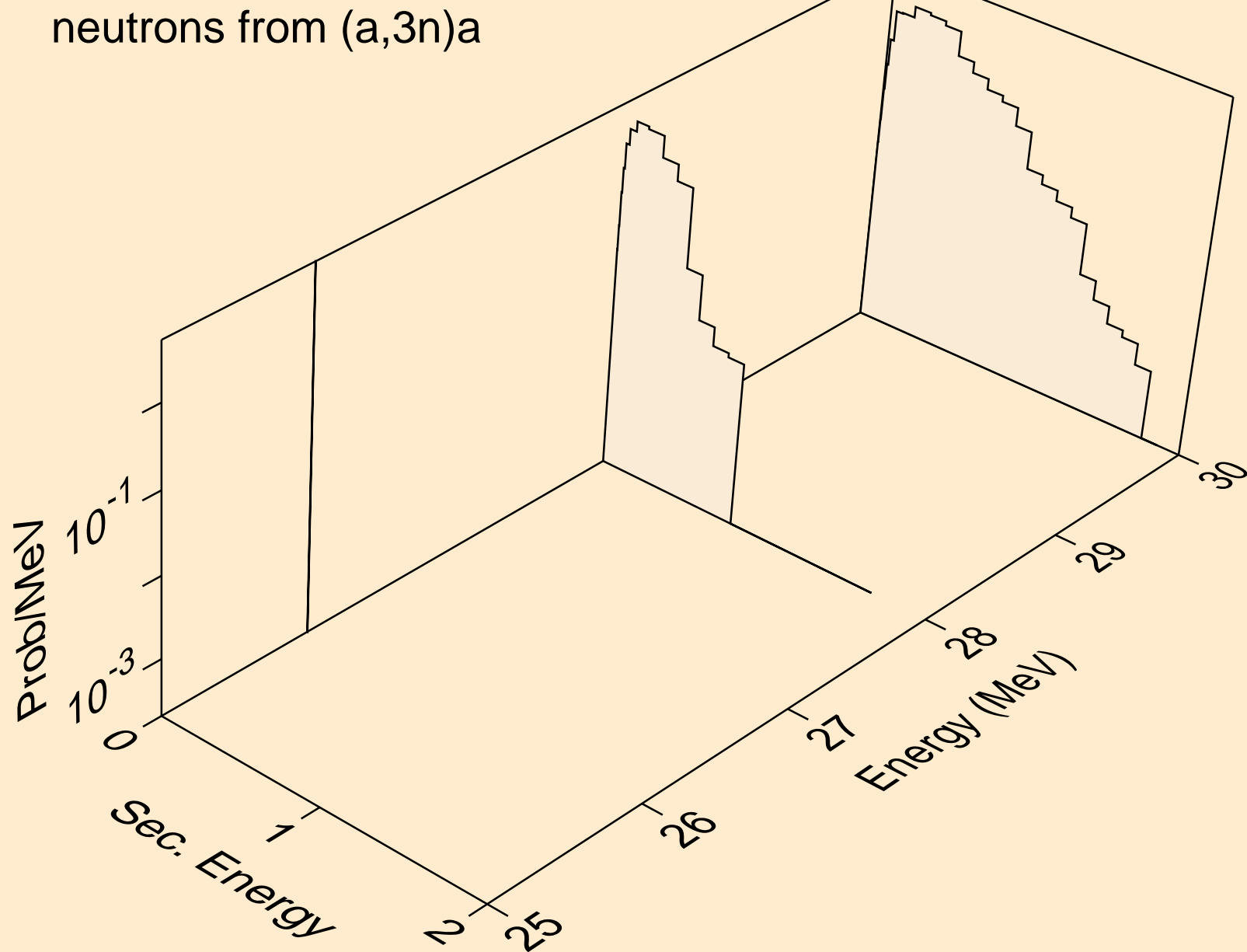


AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2n)a

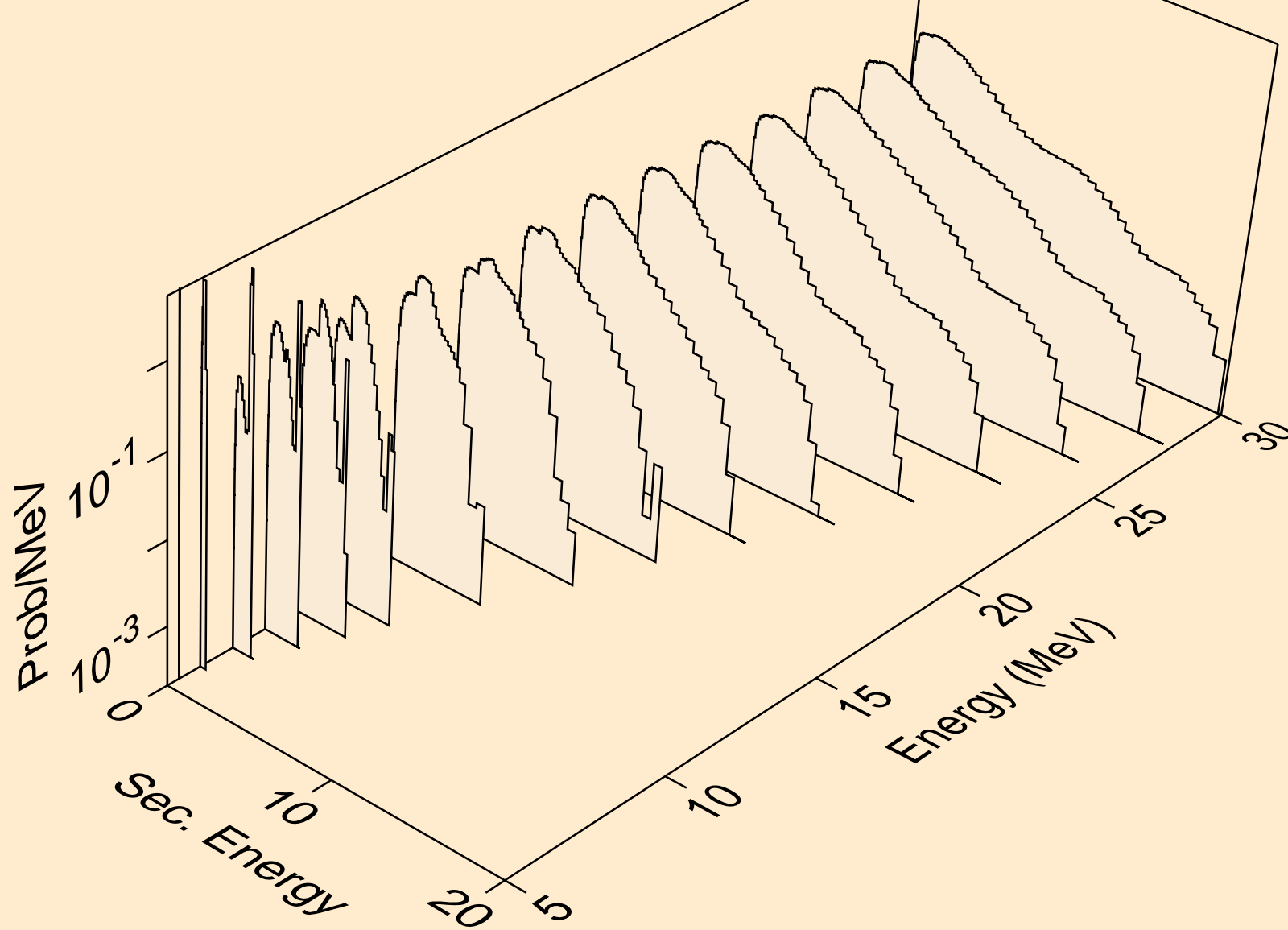




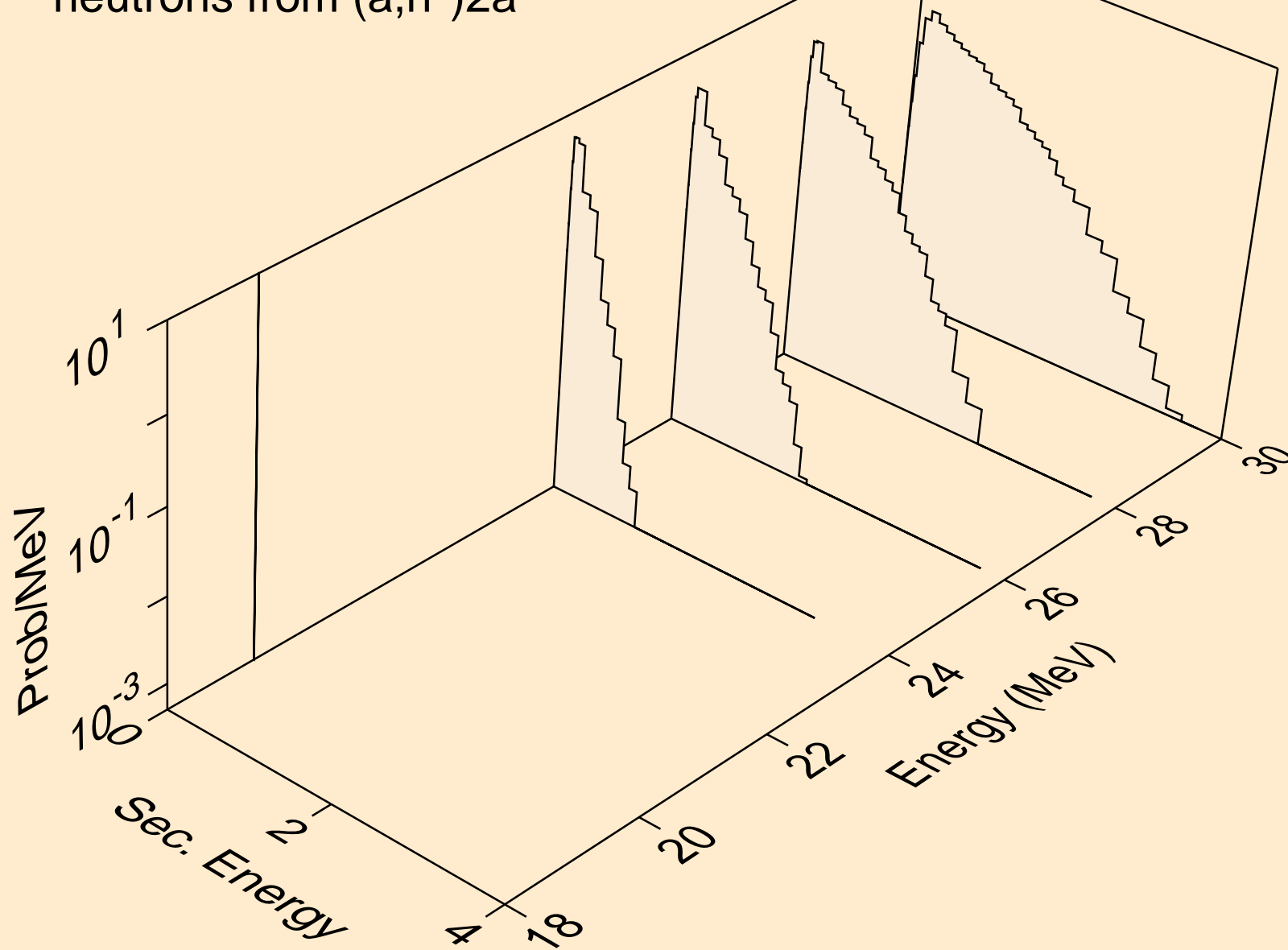
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,3n)a



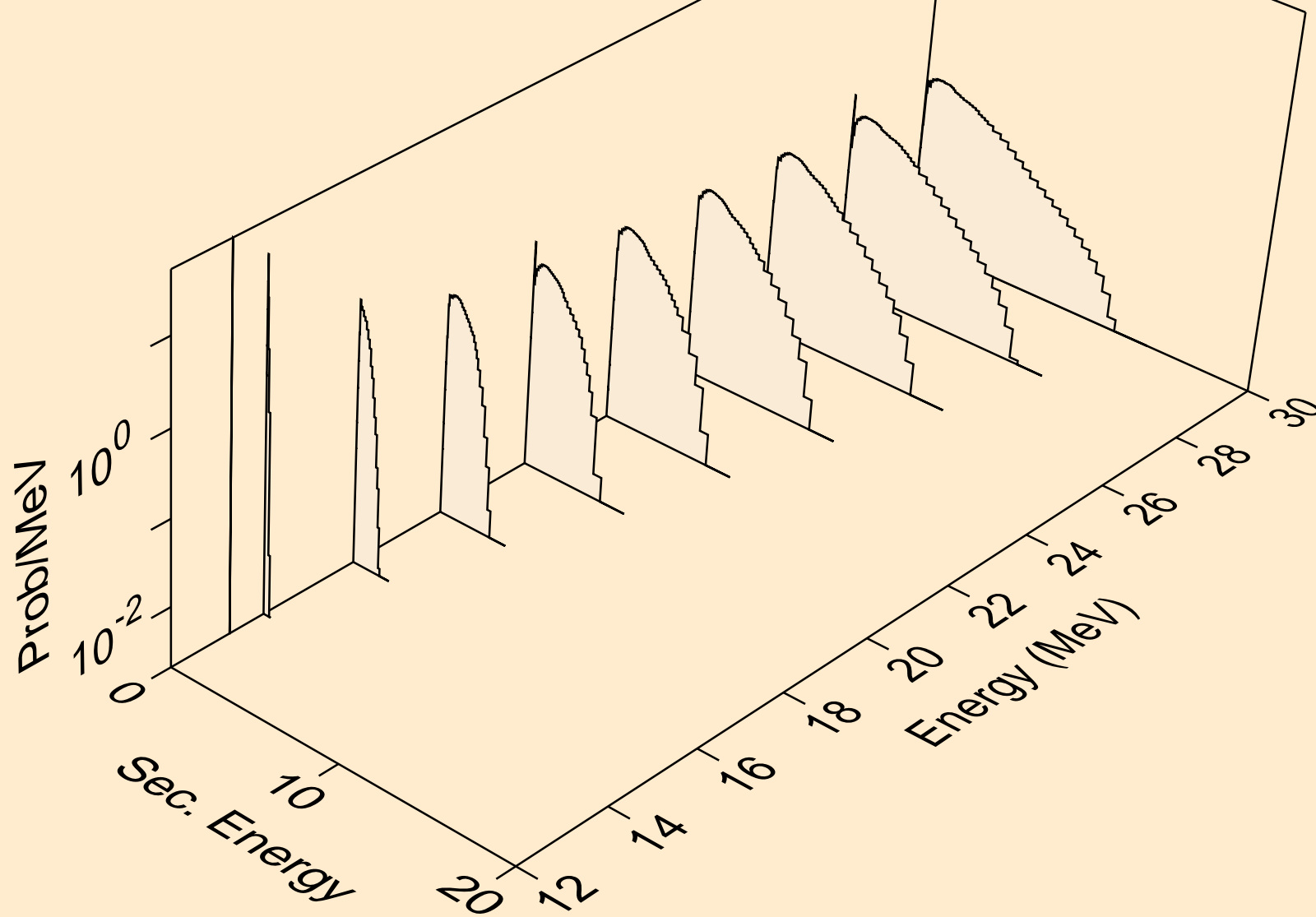
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)p



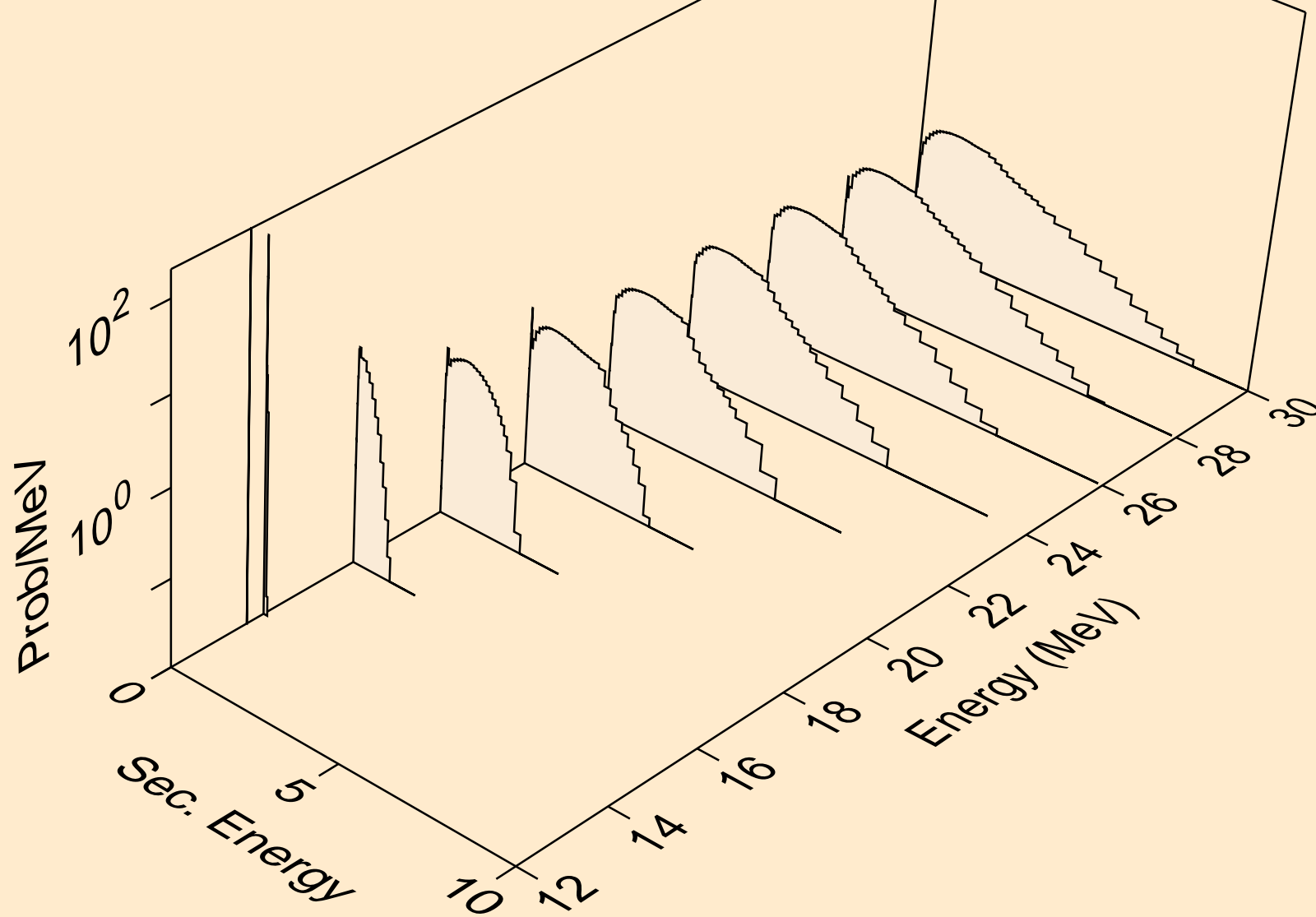
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)2a



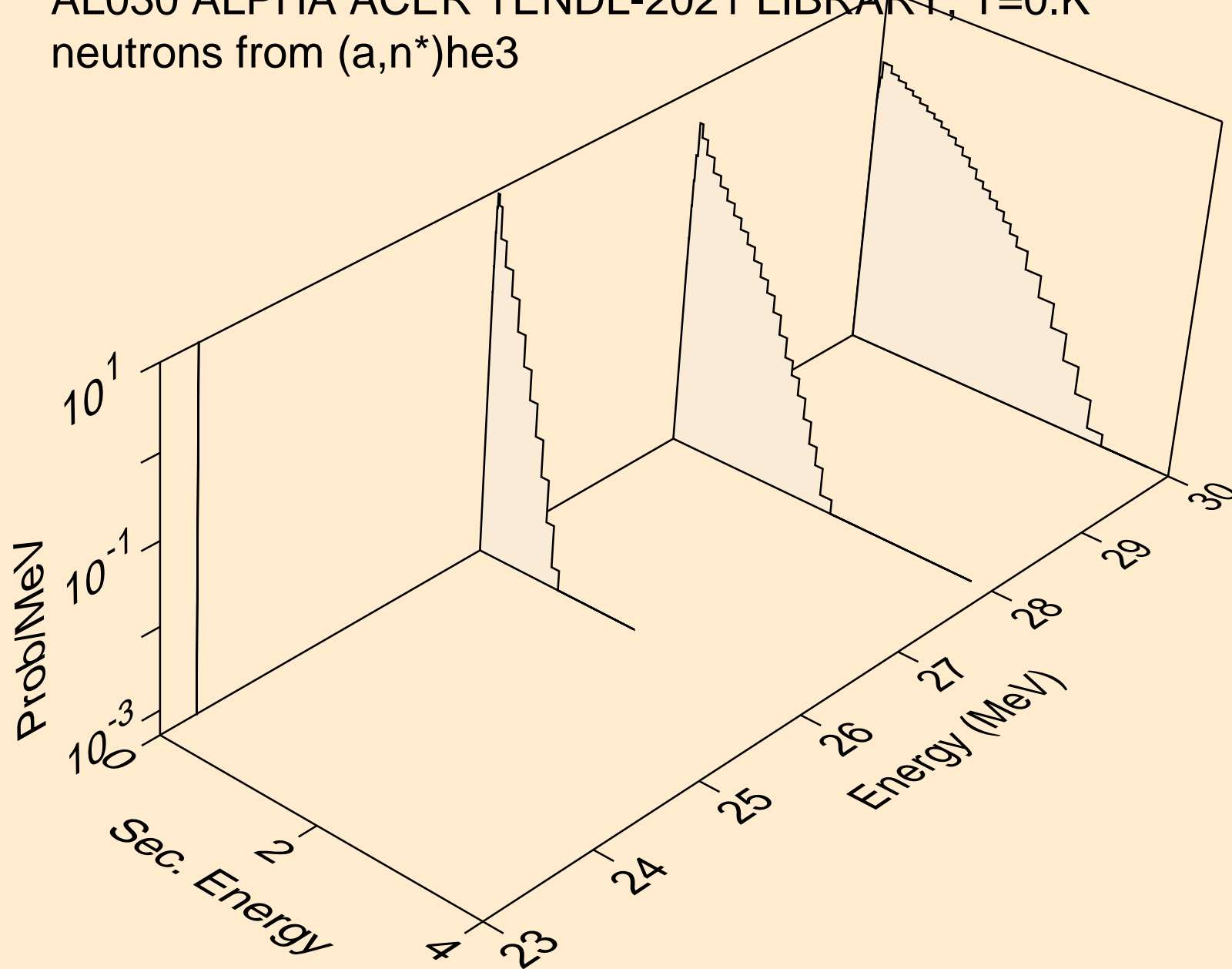
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)d



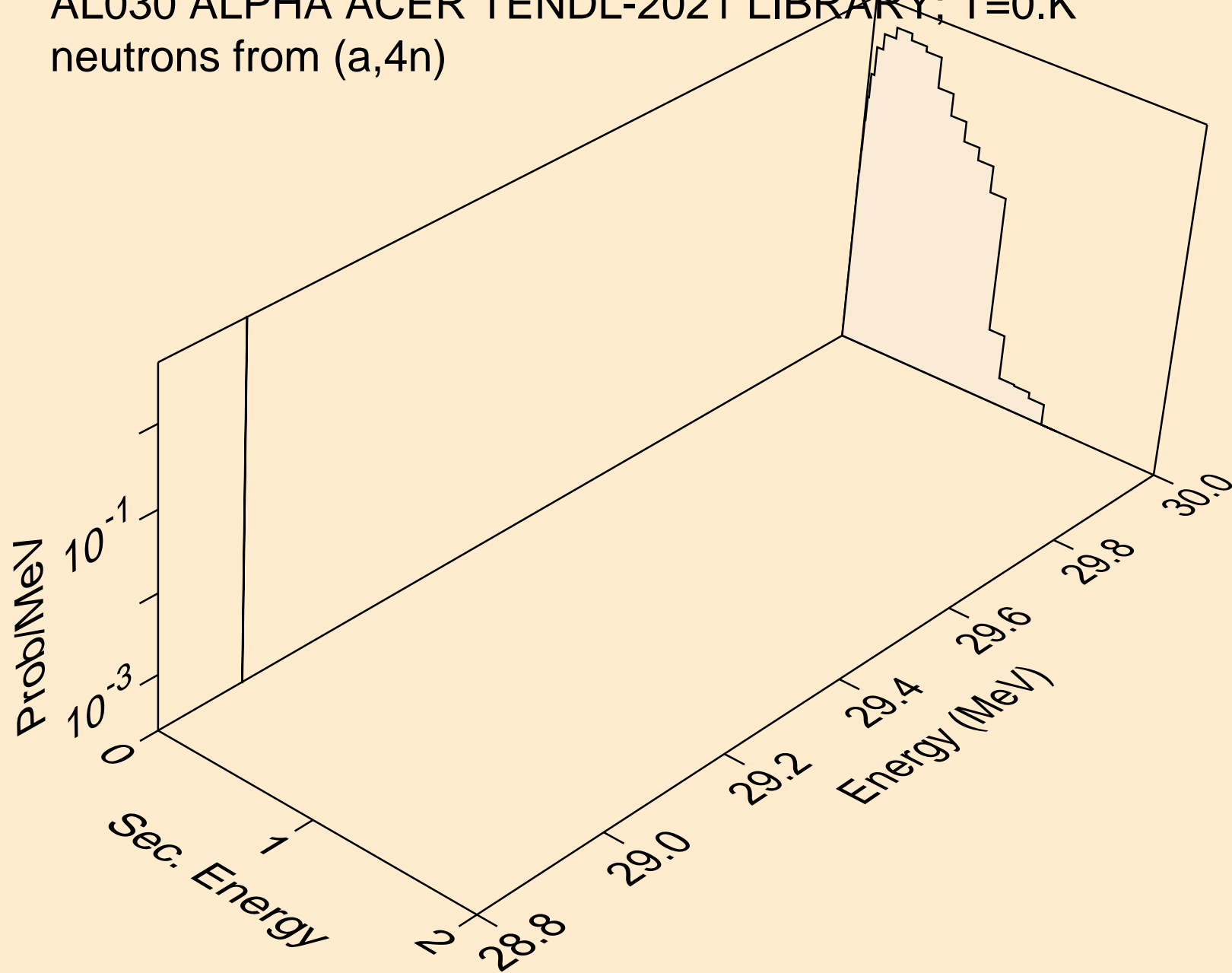
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)t



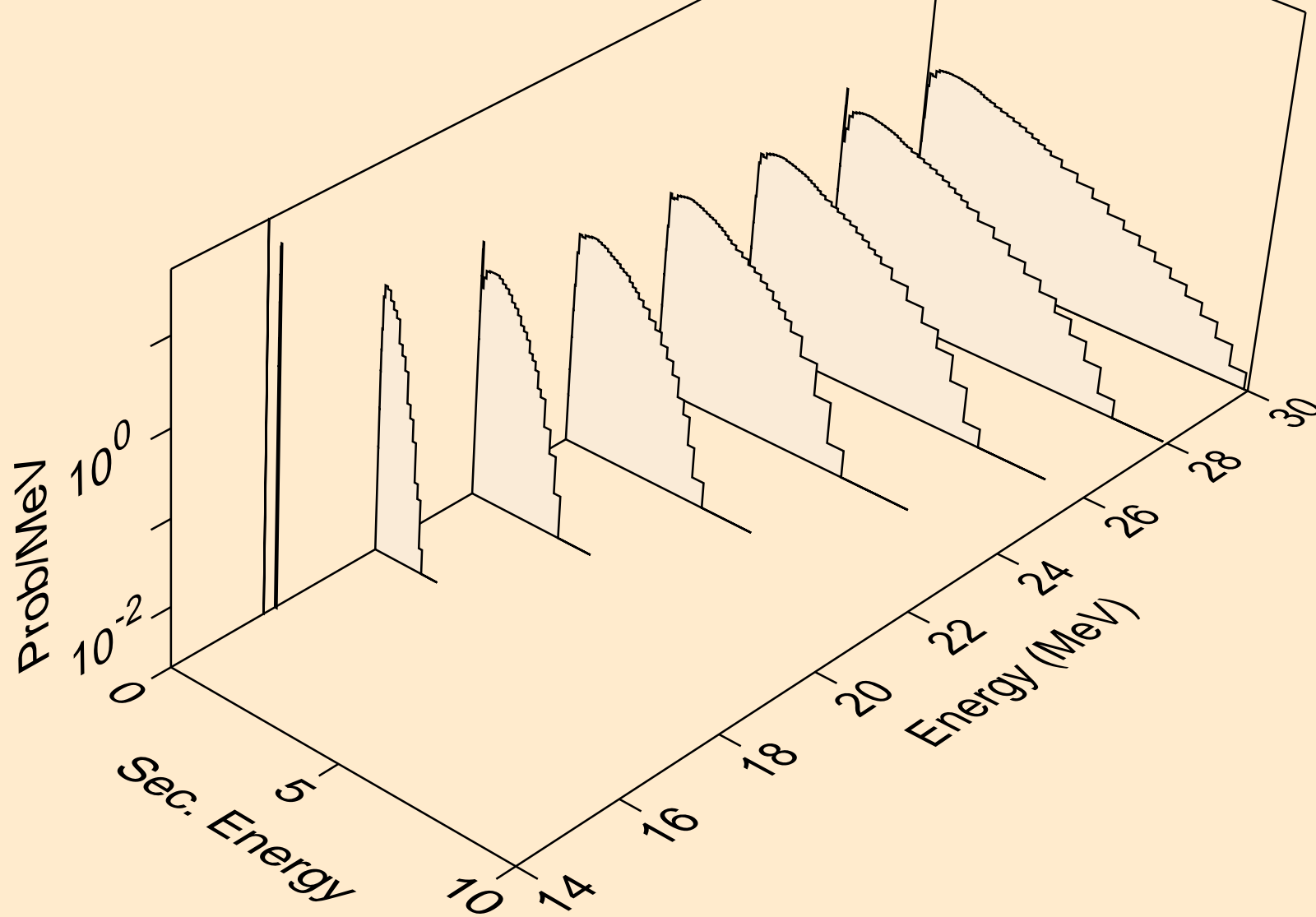
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,n\*)he3



AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,4n)

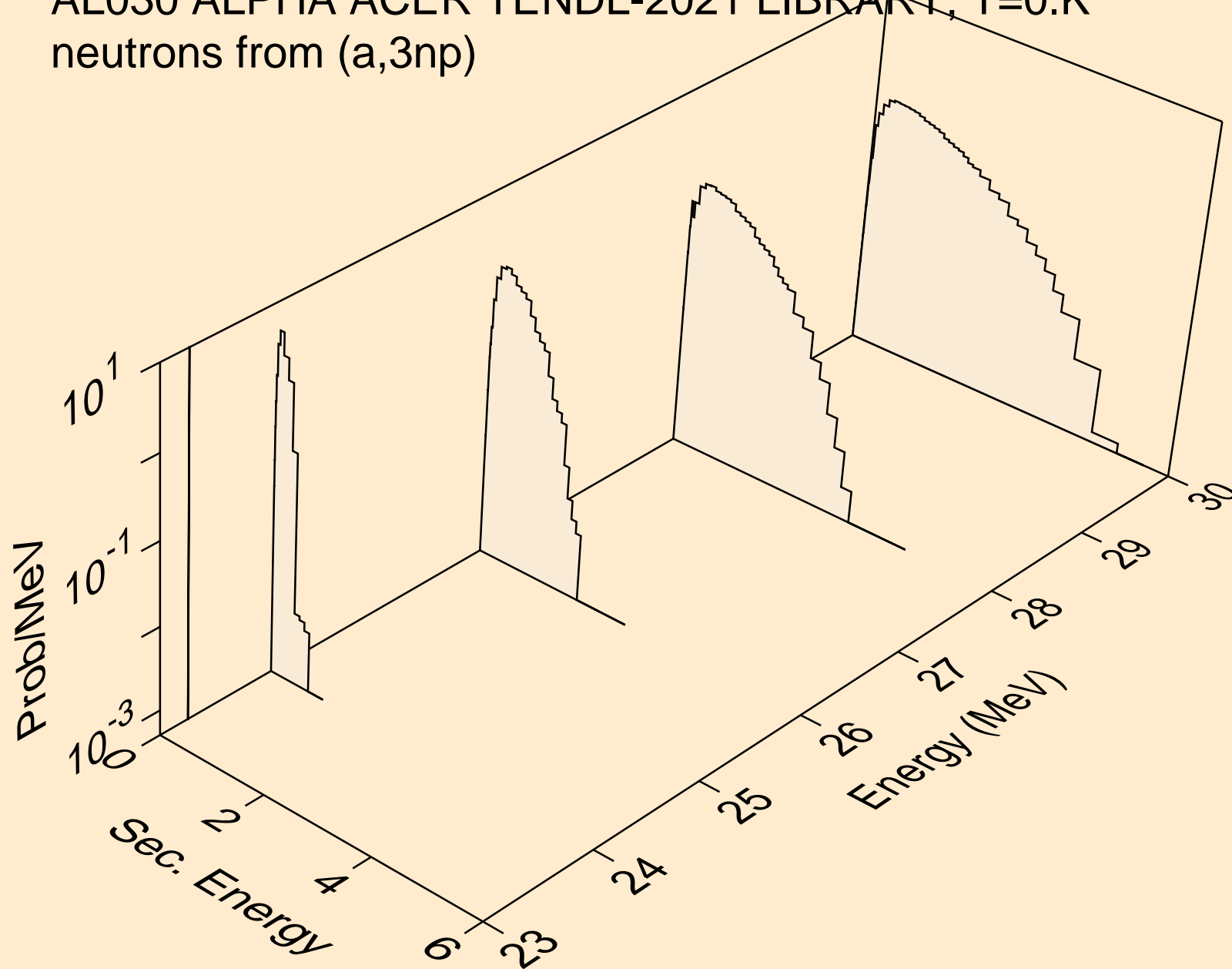


AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2np)

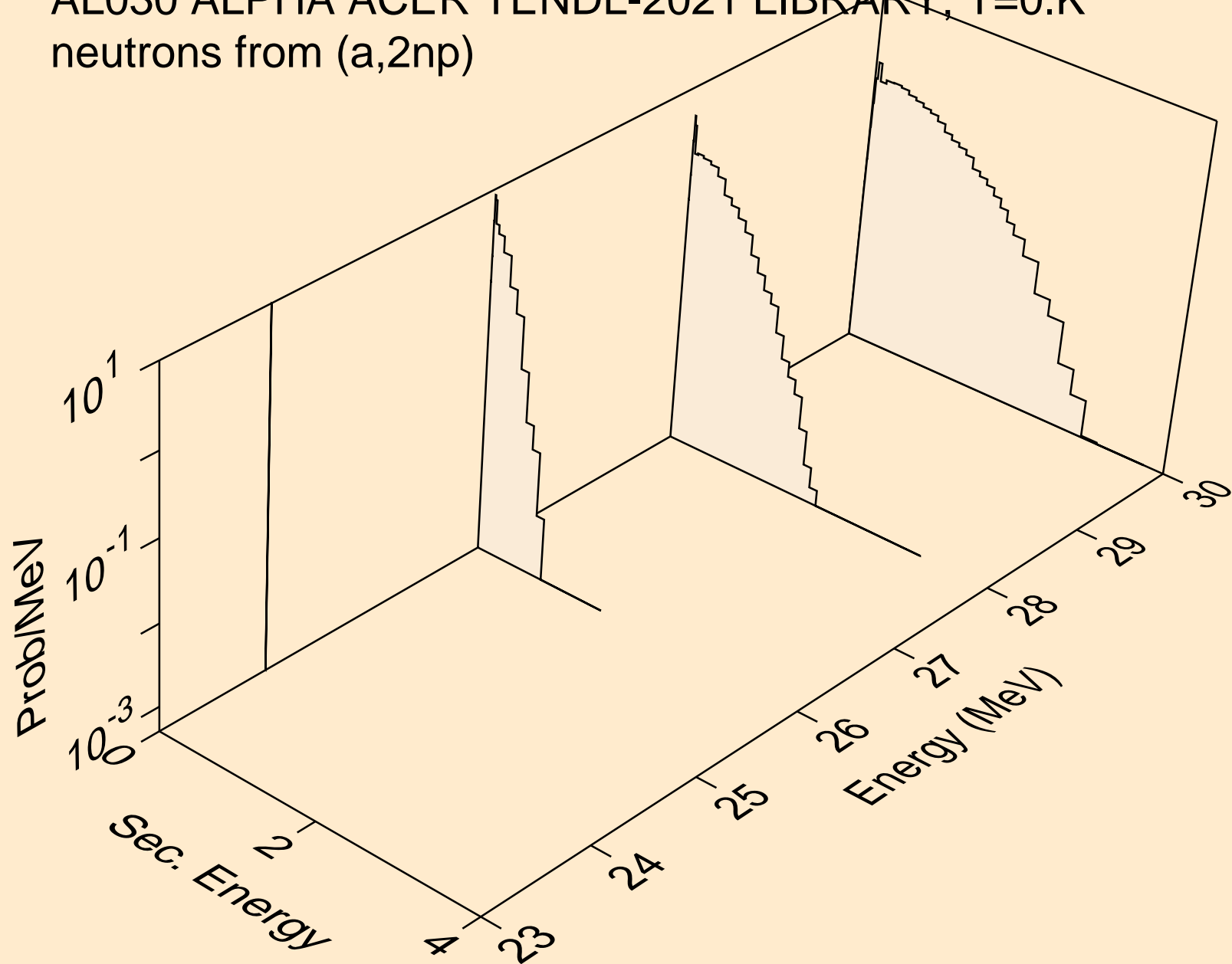




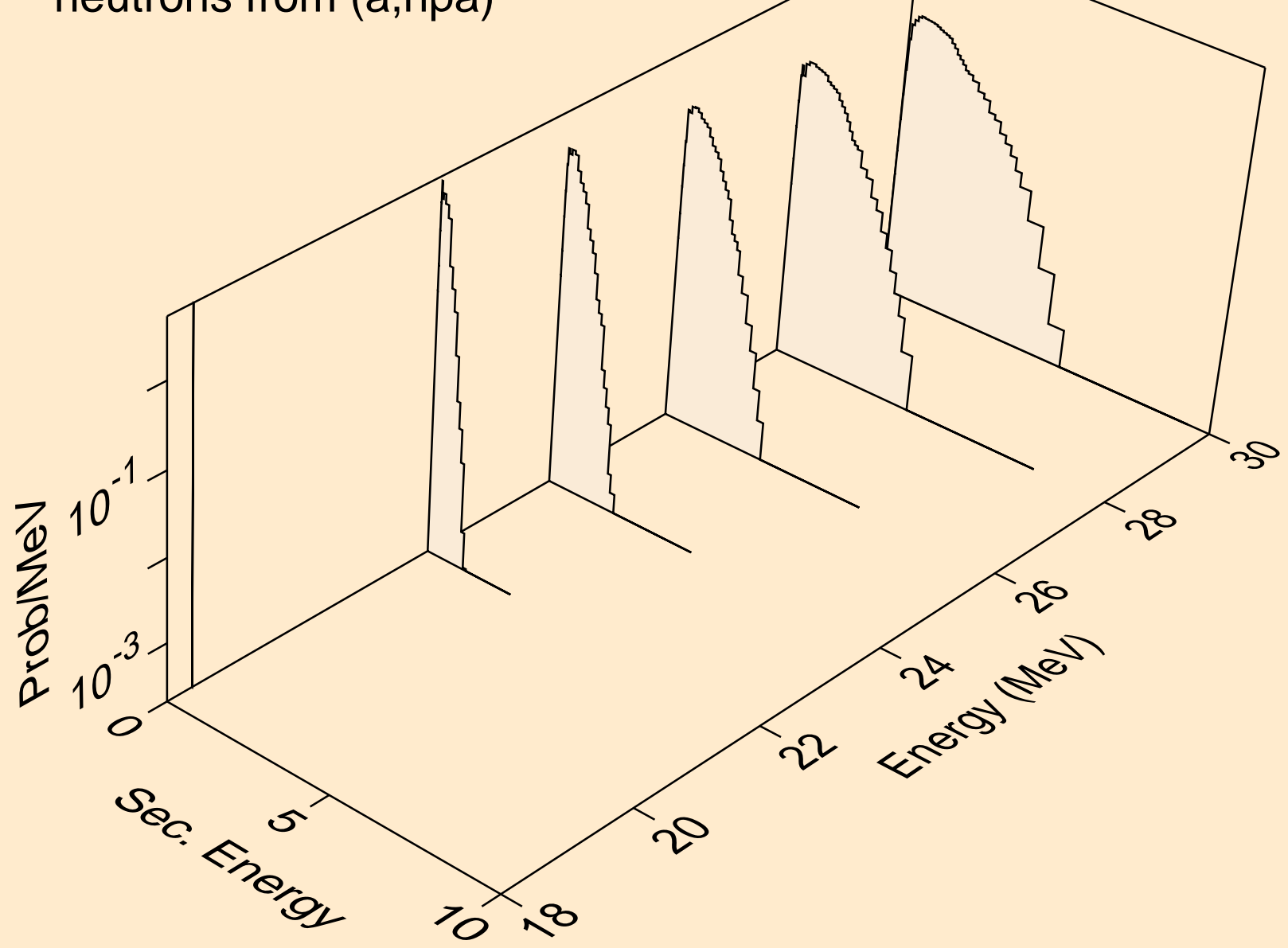
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,3np)



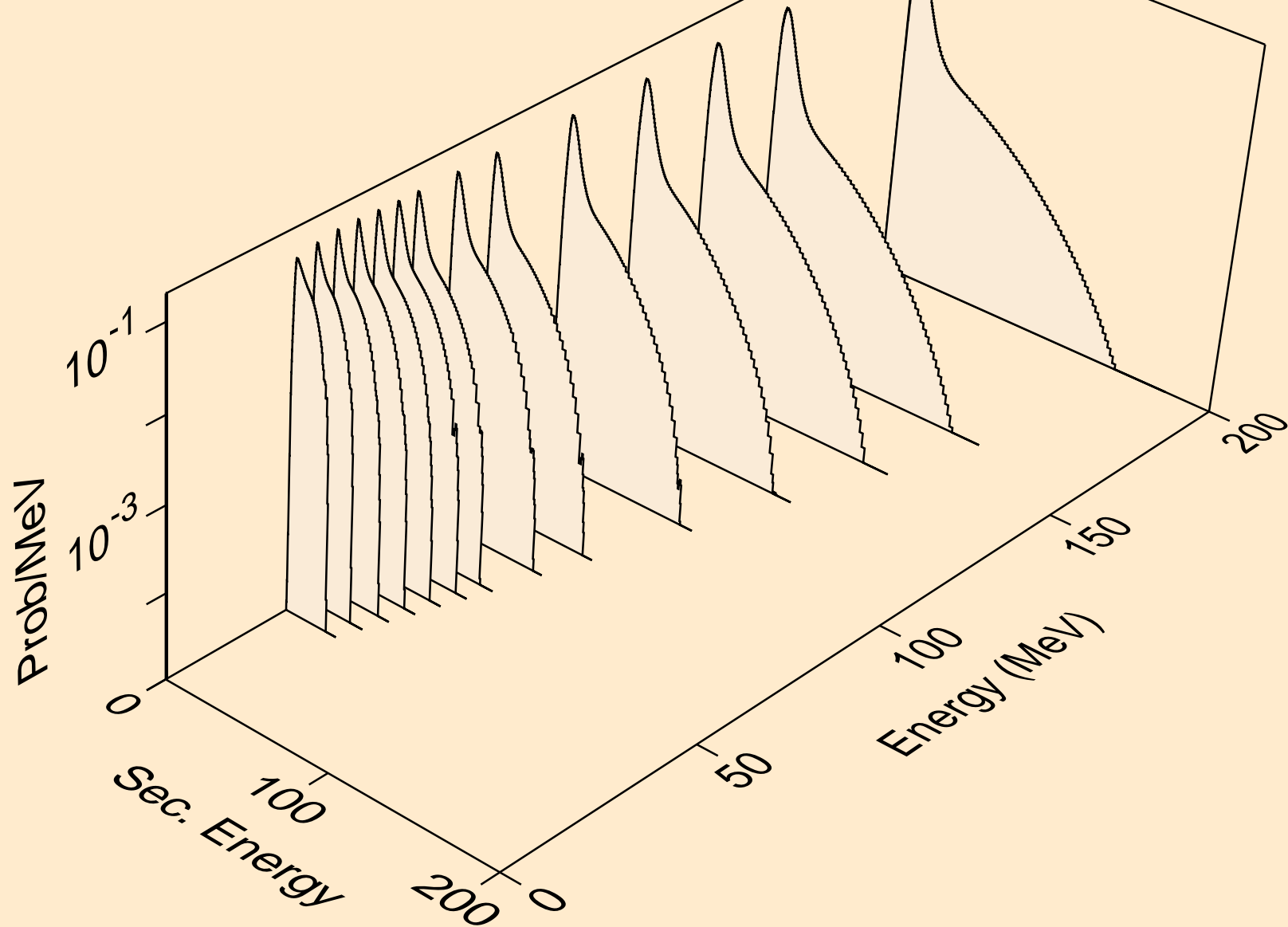
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,2np)



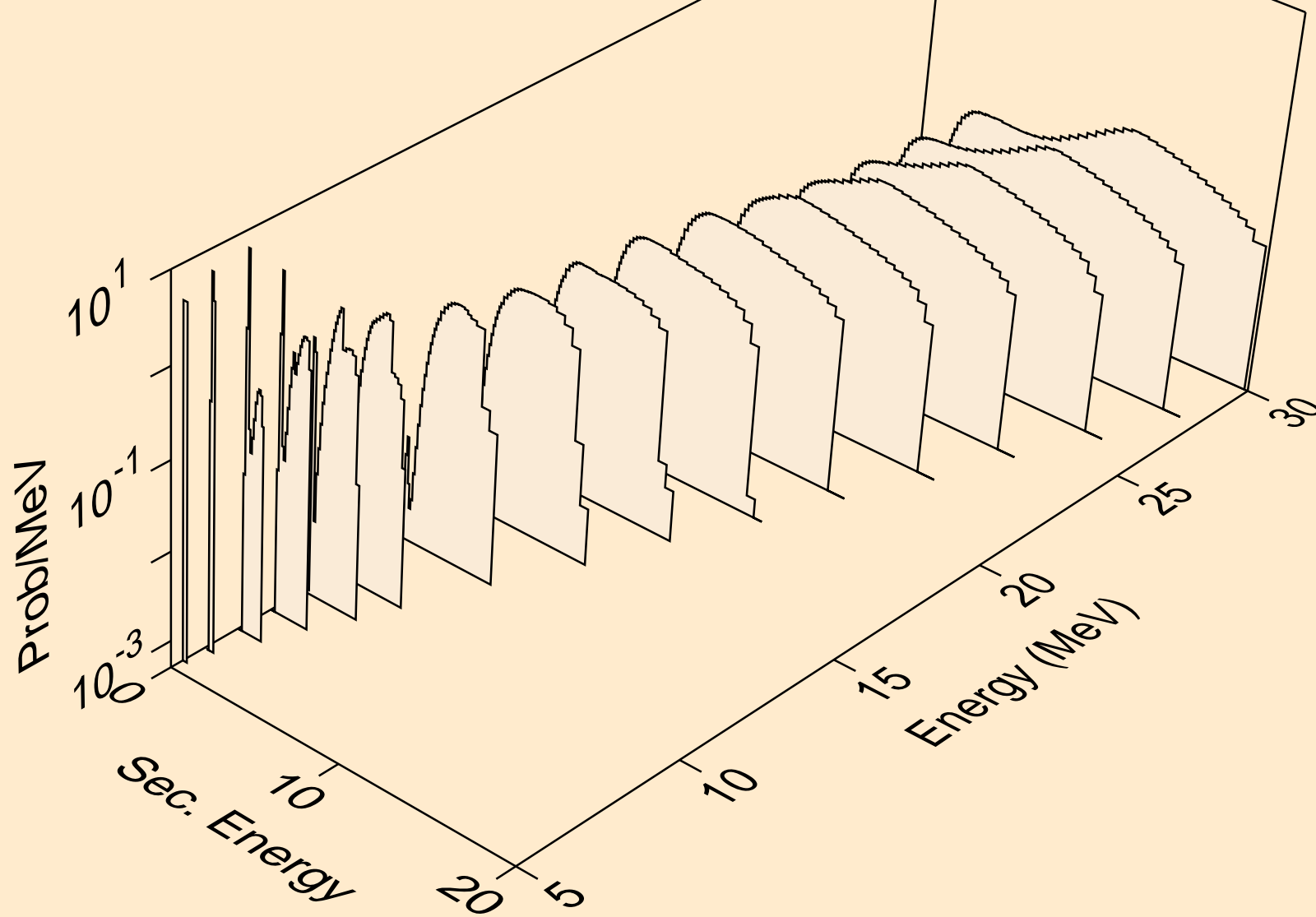
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
neutrons from (a,npa)



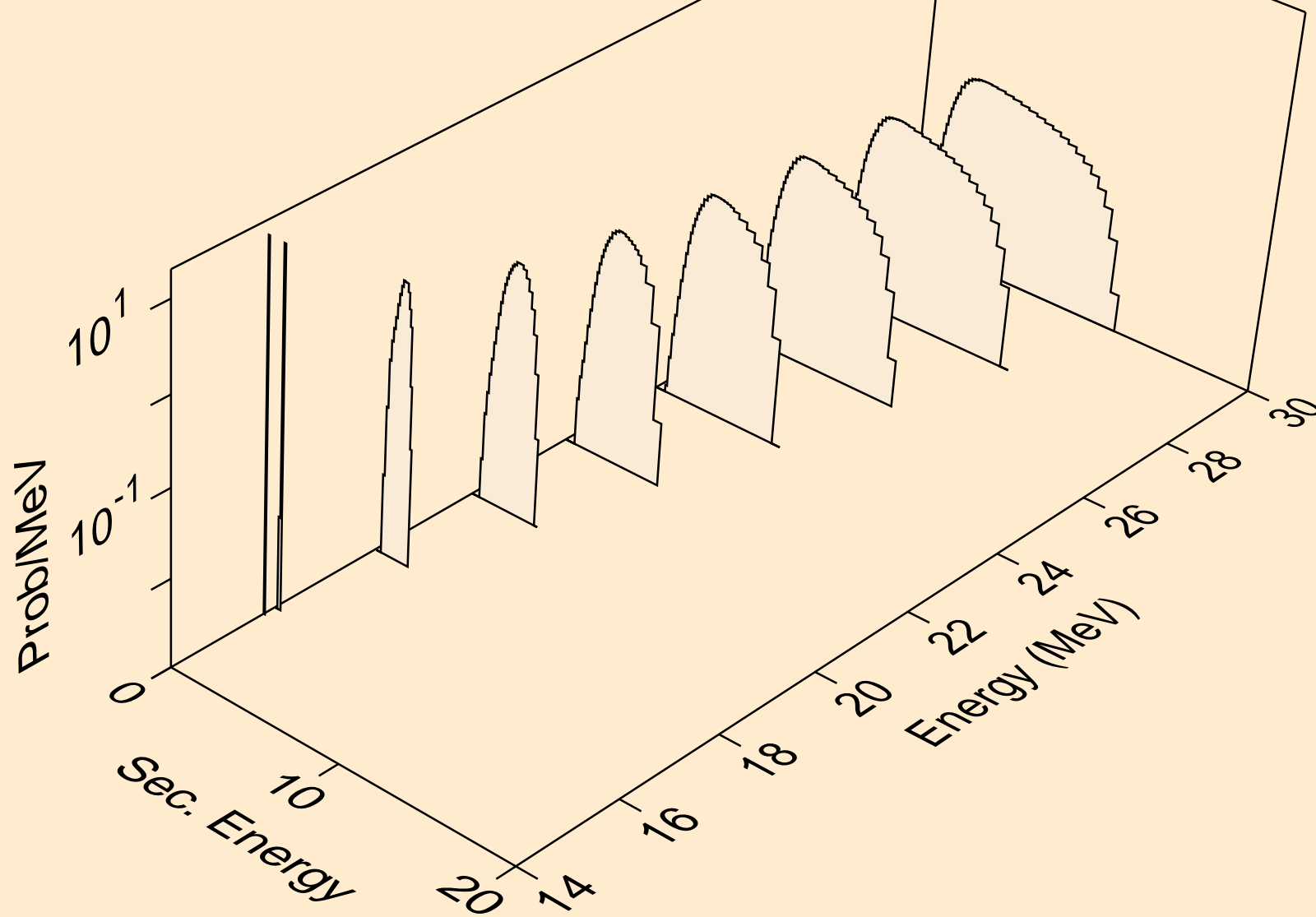
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,x)



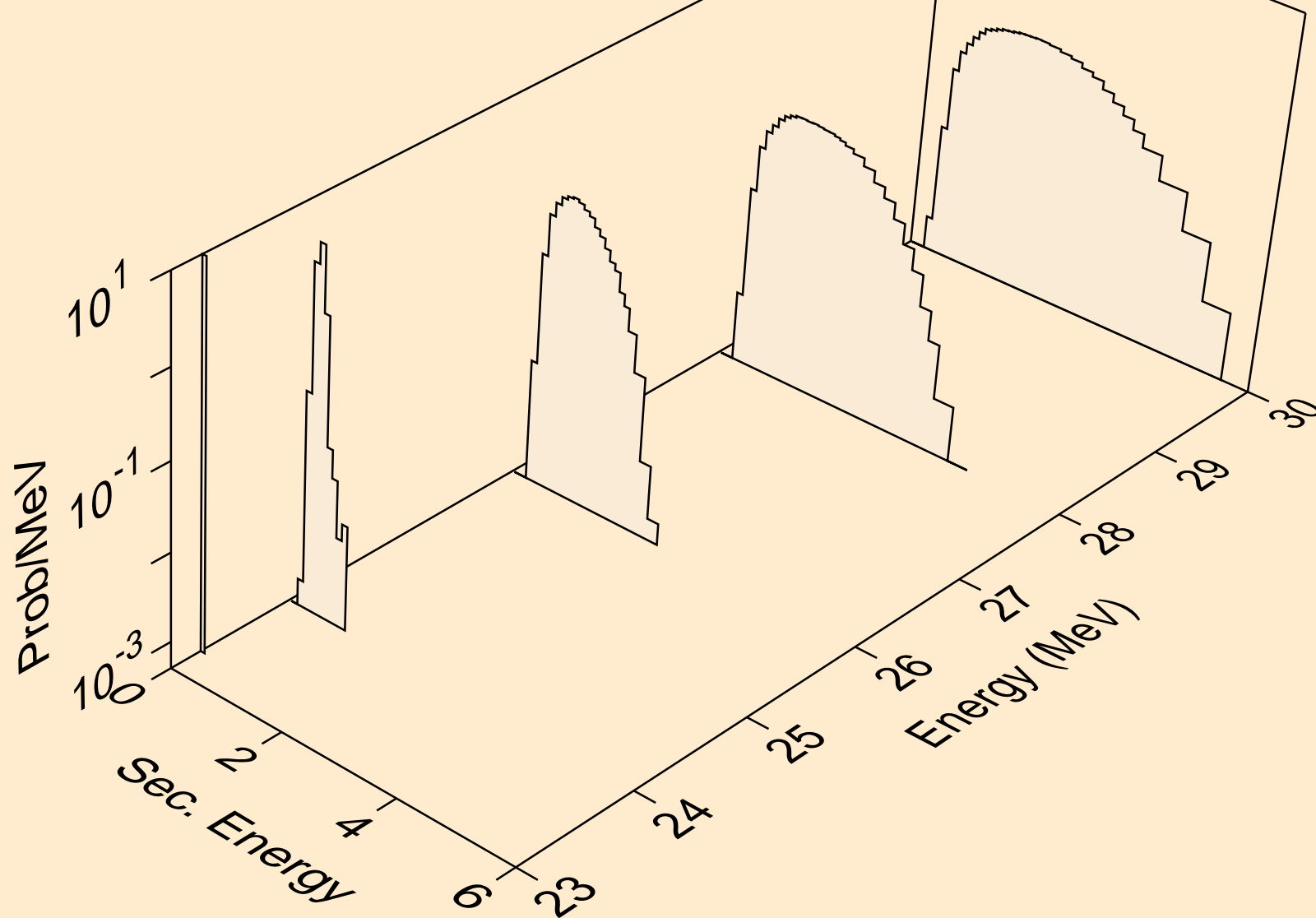
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,n\*)p



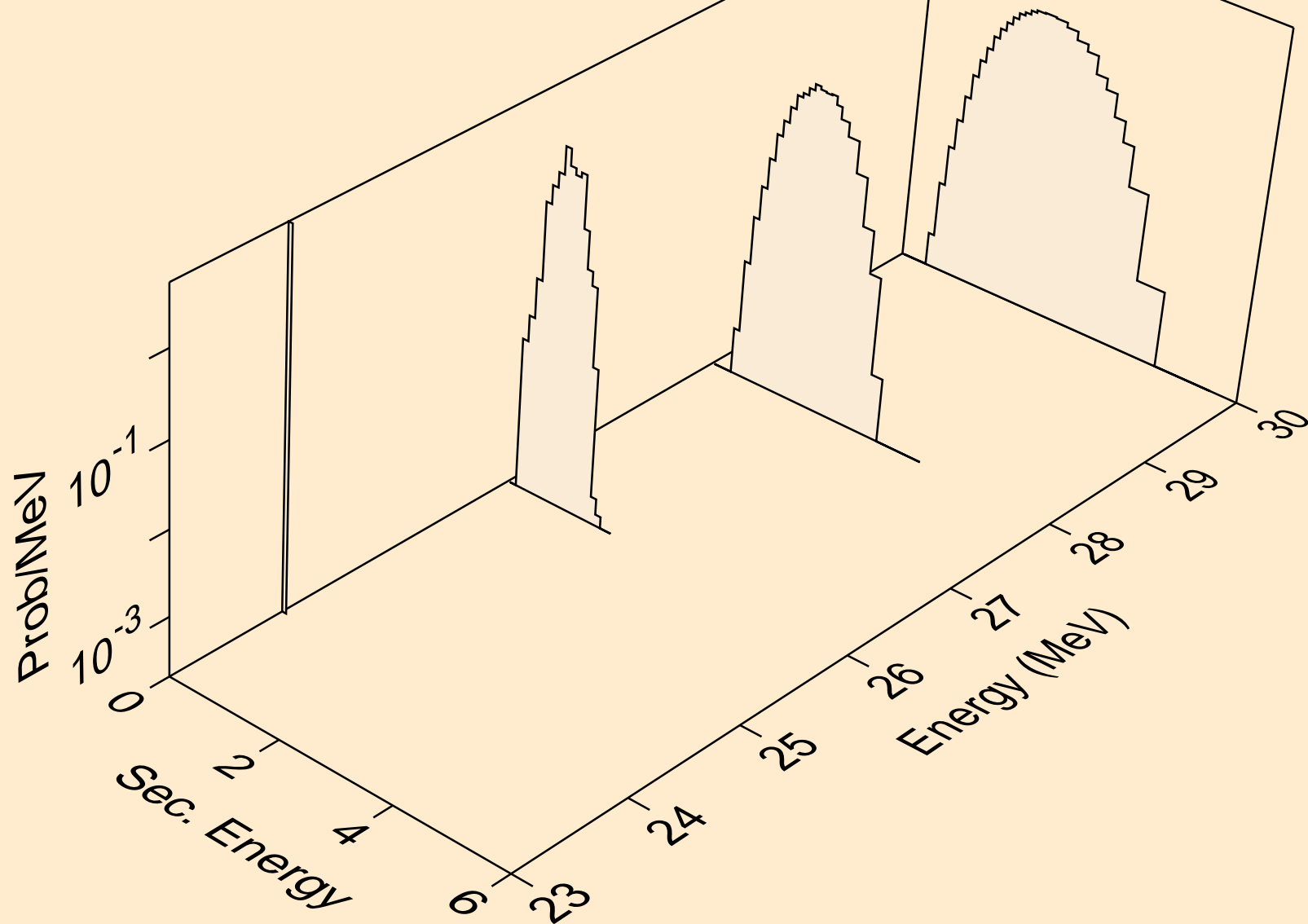
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2np)



AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,3np)

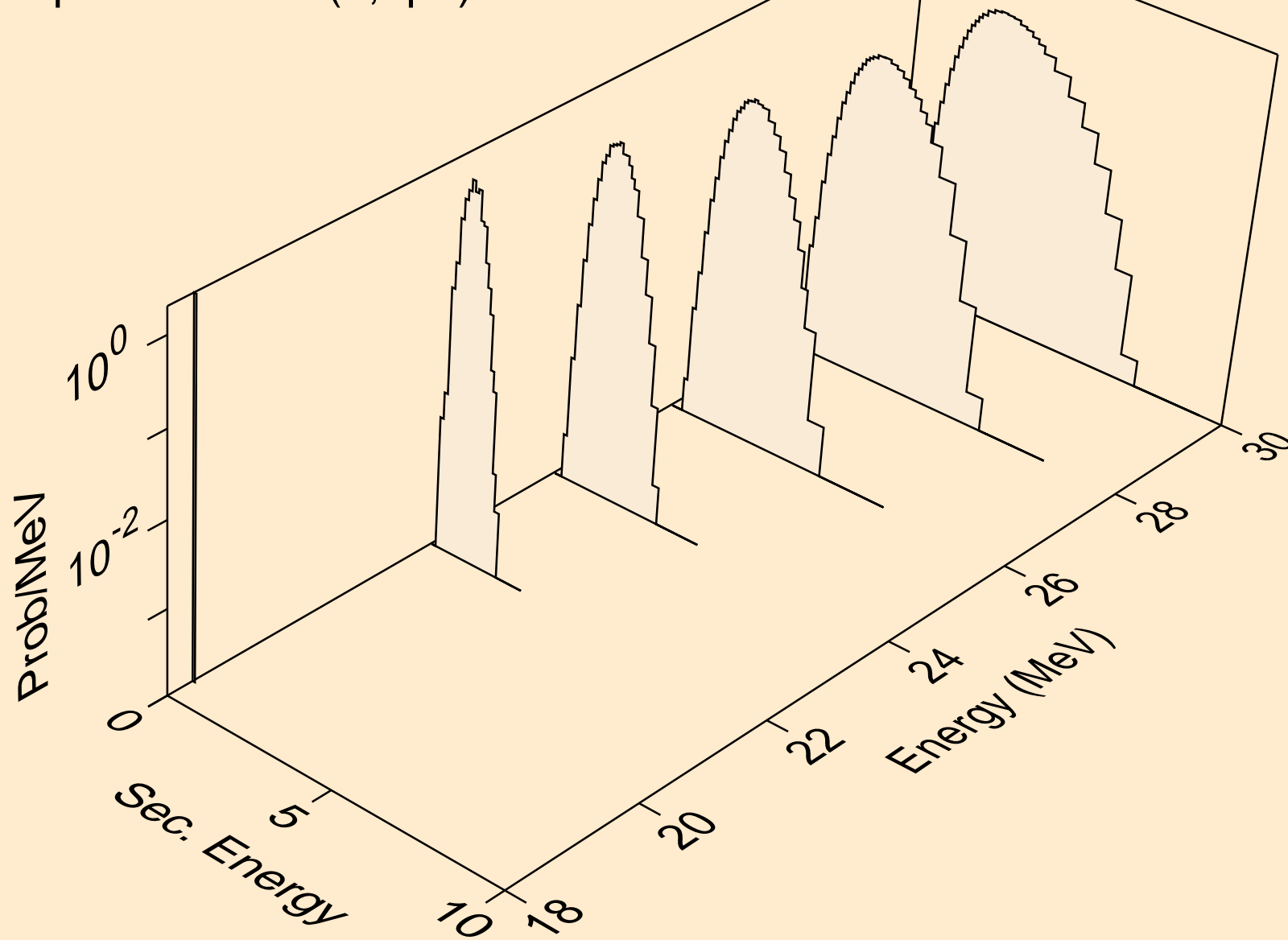


AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2np)

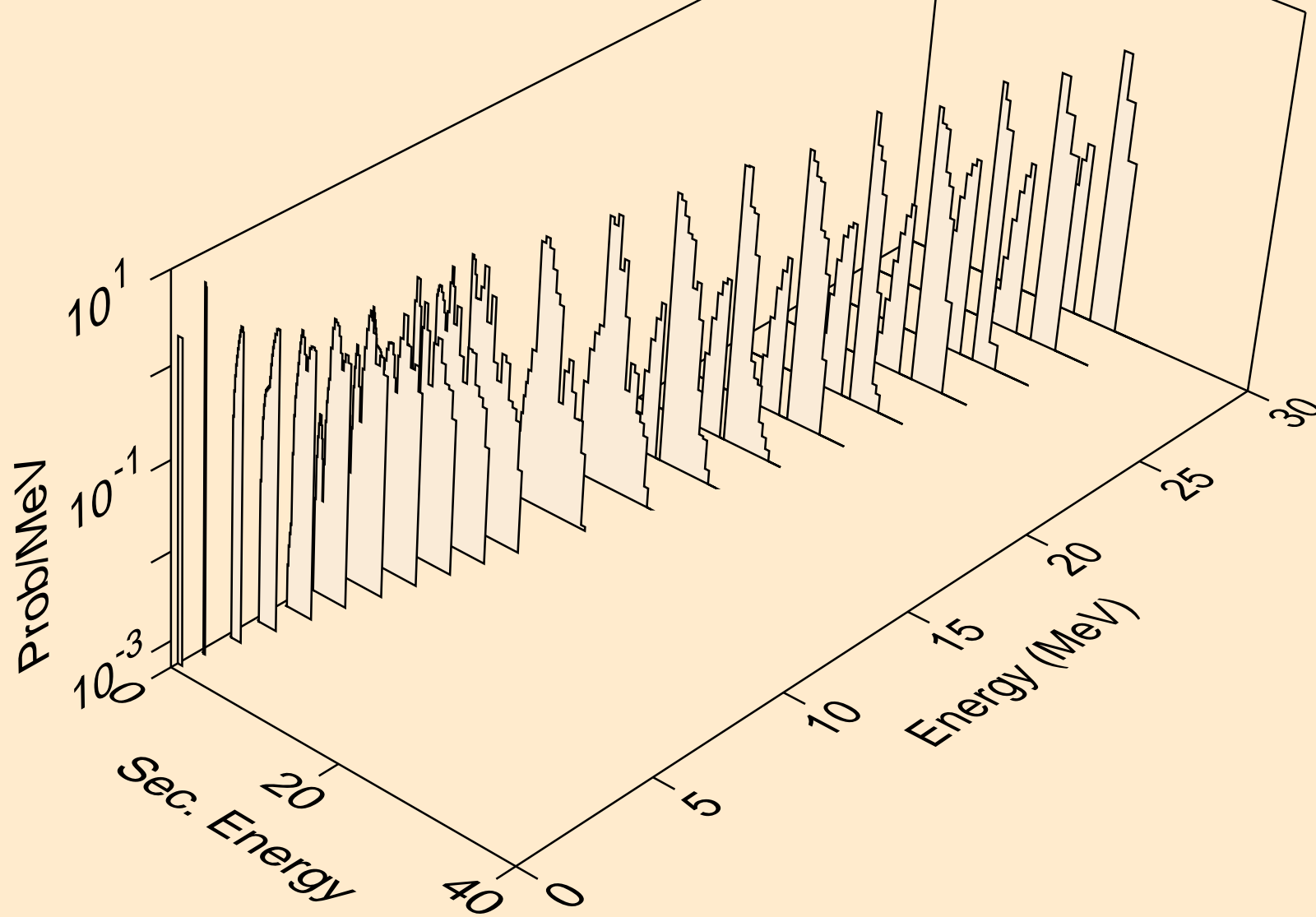




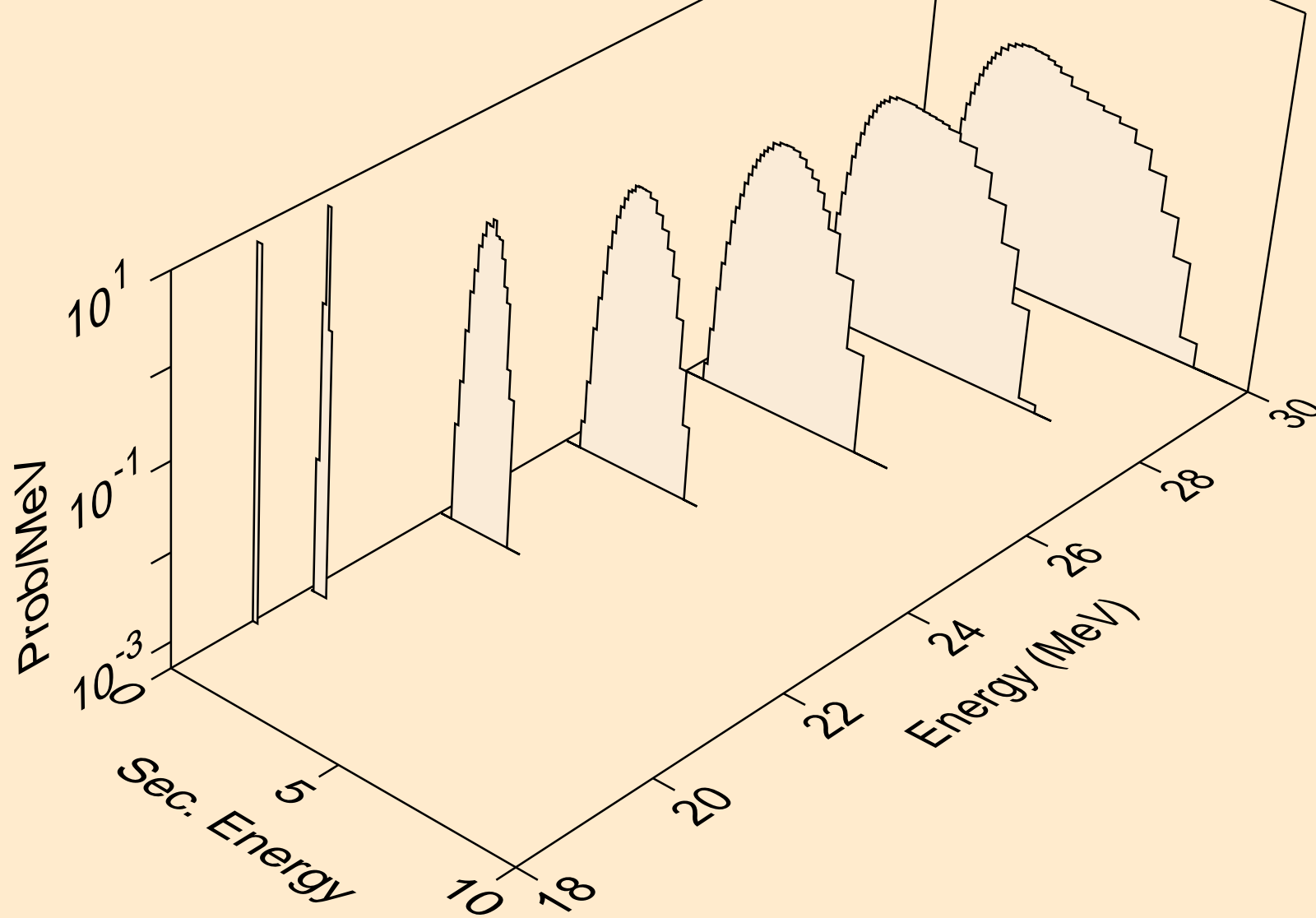
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,npa)



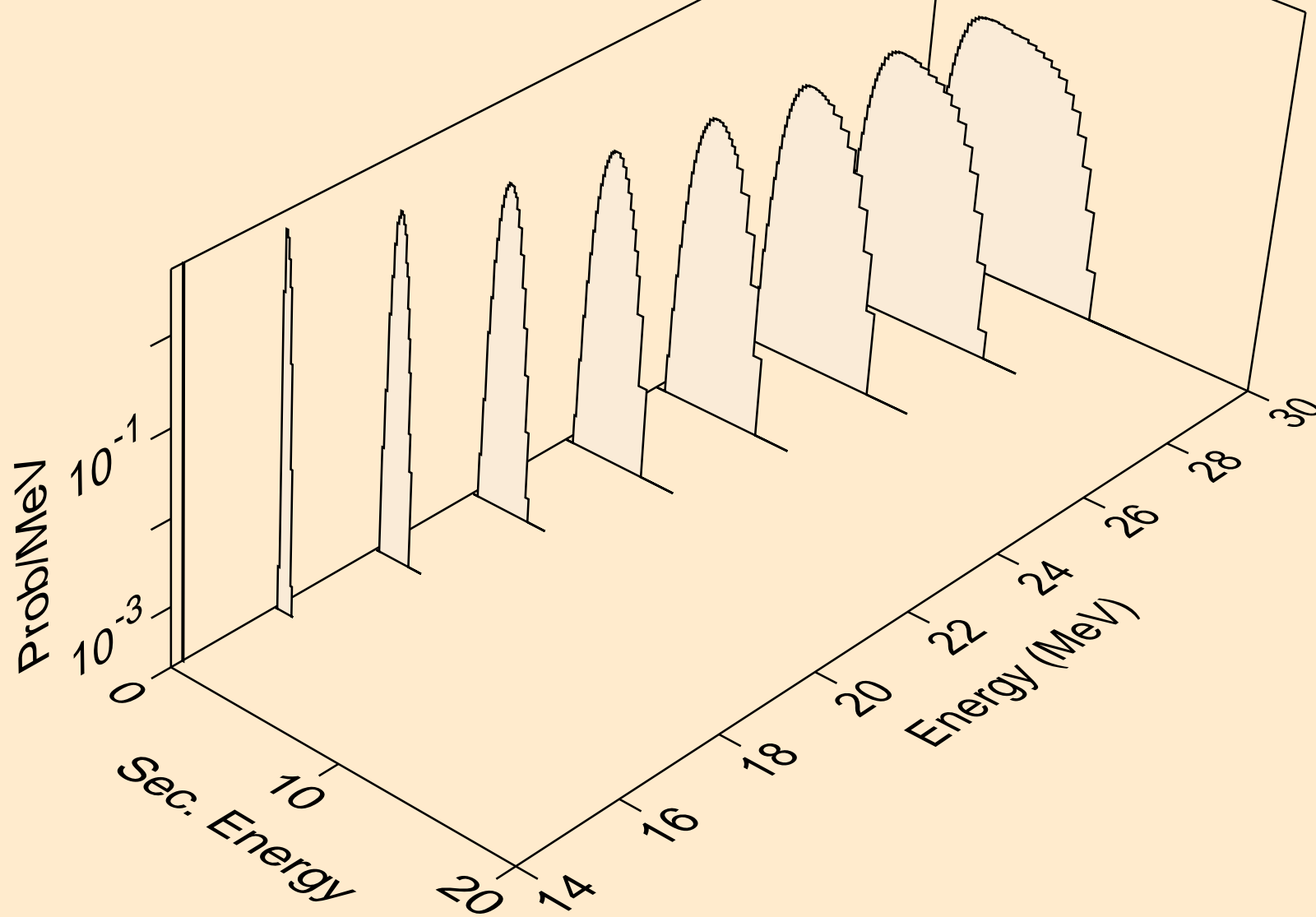
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,p)



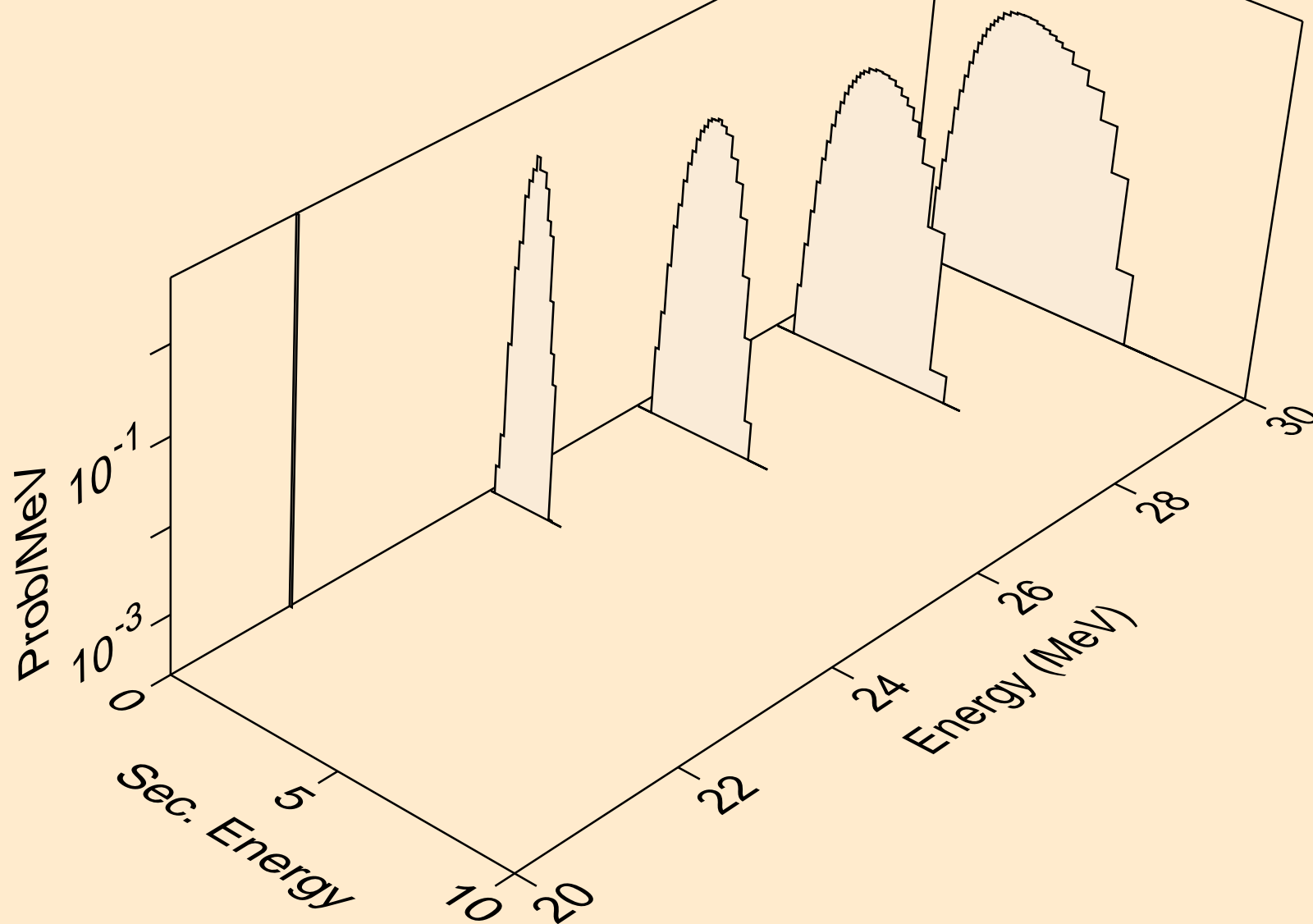
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,2p)



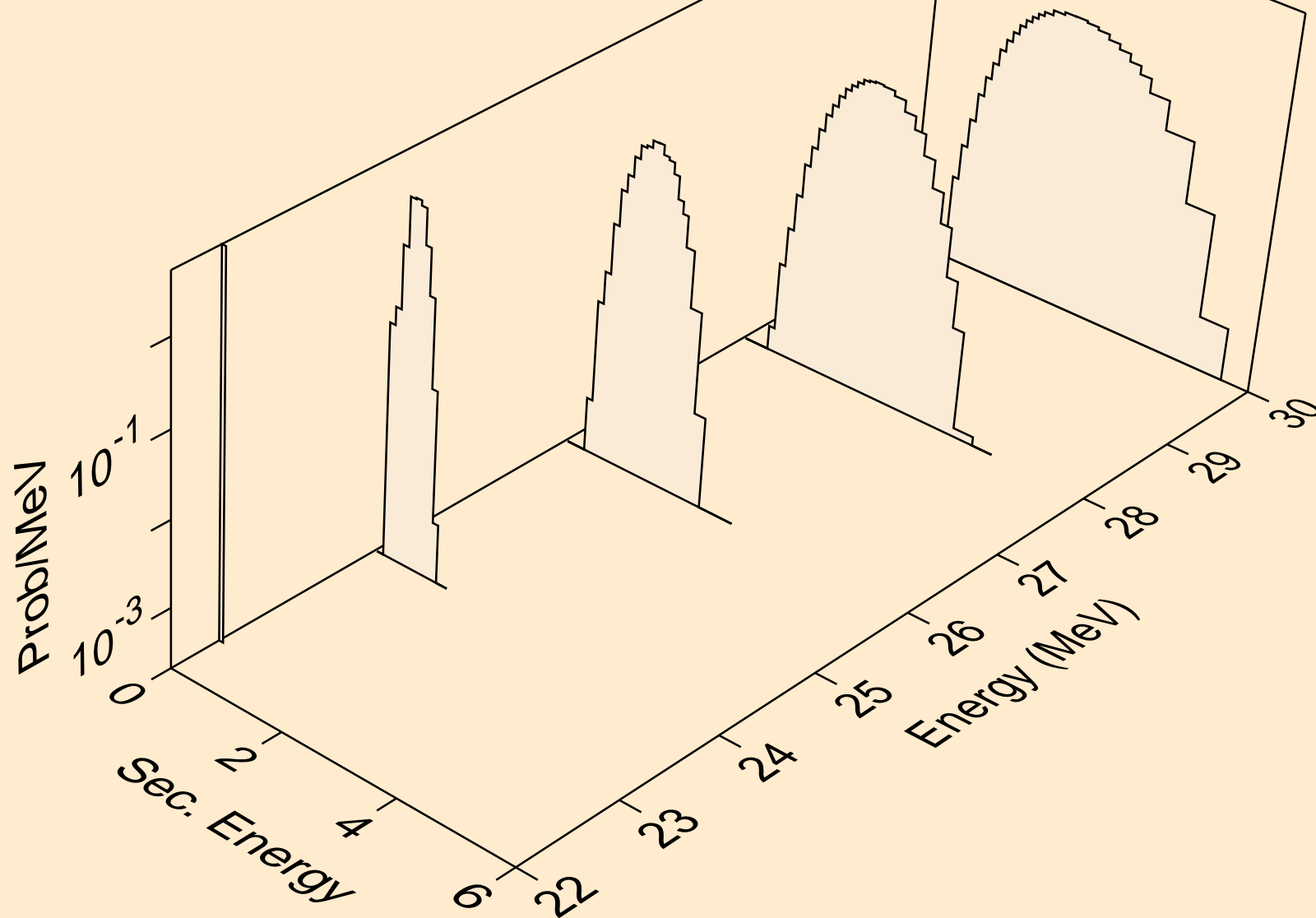
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,pa)



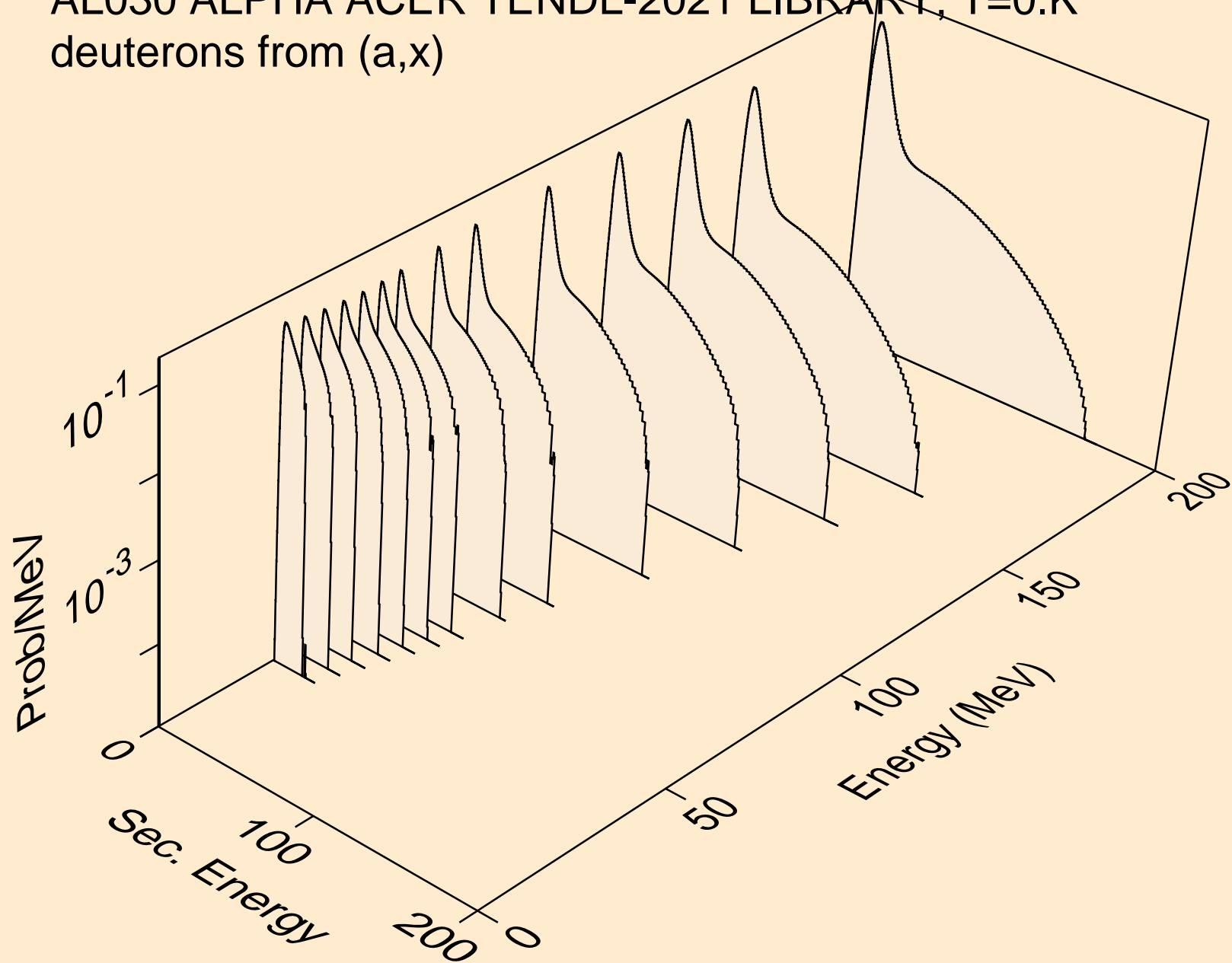
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,pd)



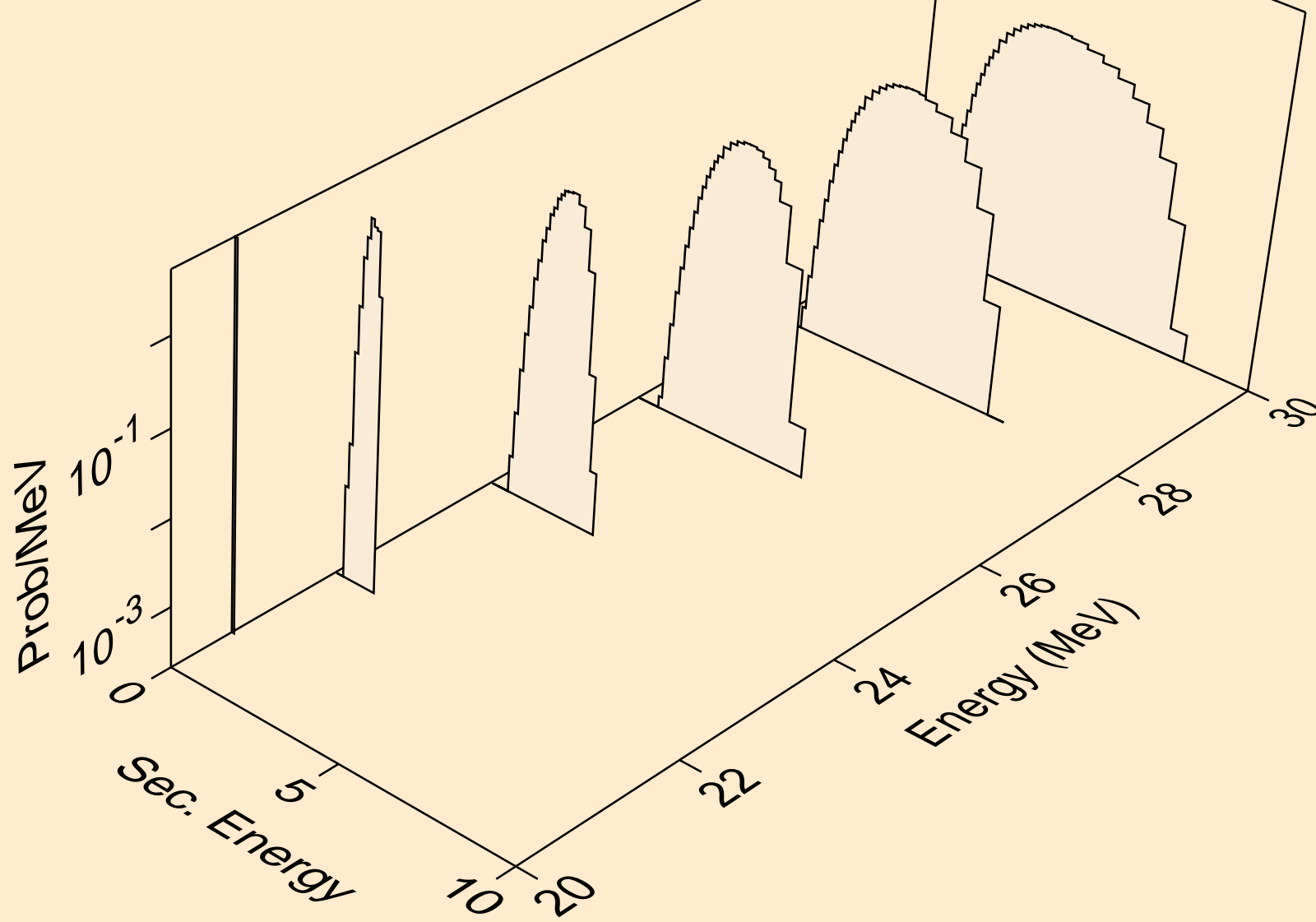
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
protons from (a,pt)



AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,x)

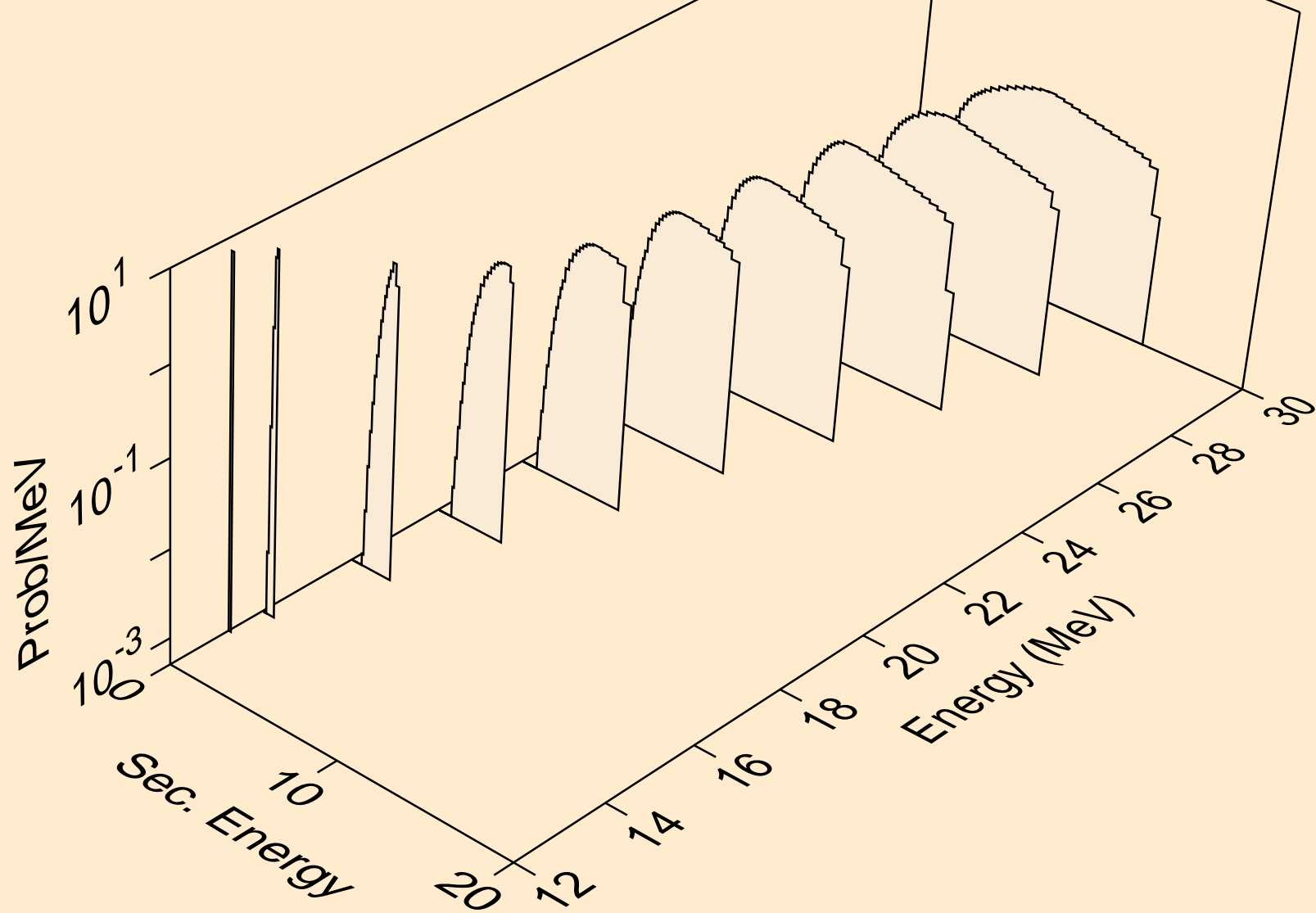


AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,2nd)

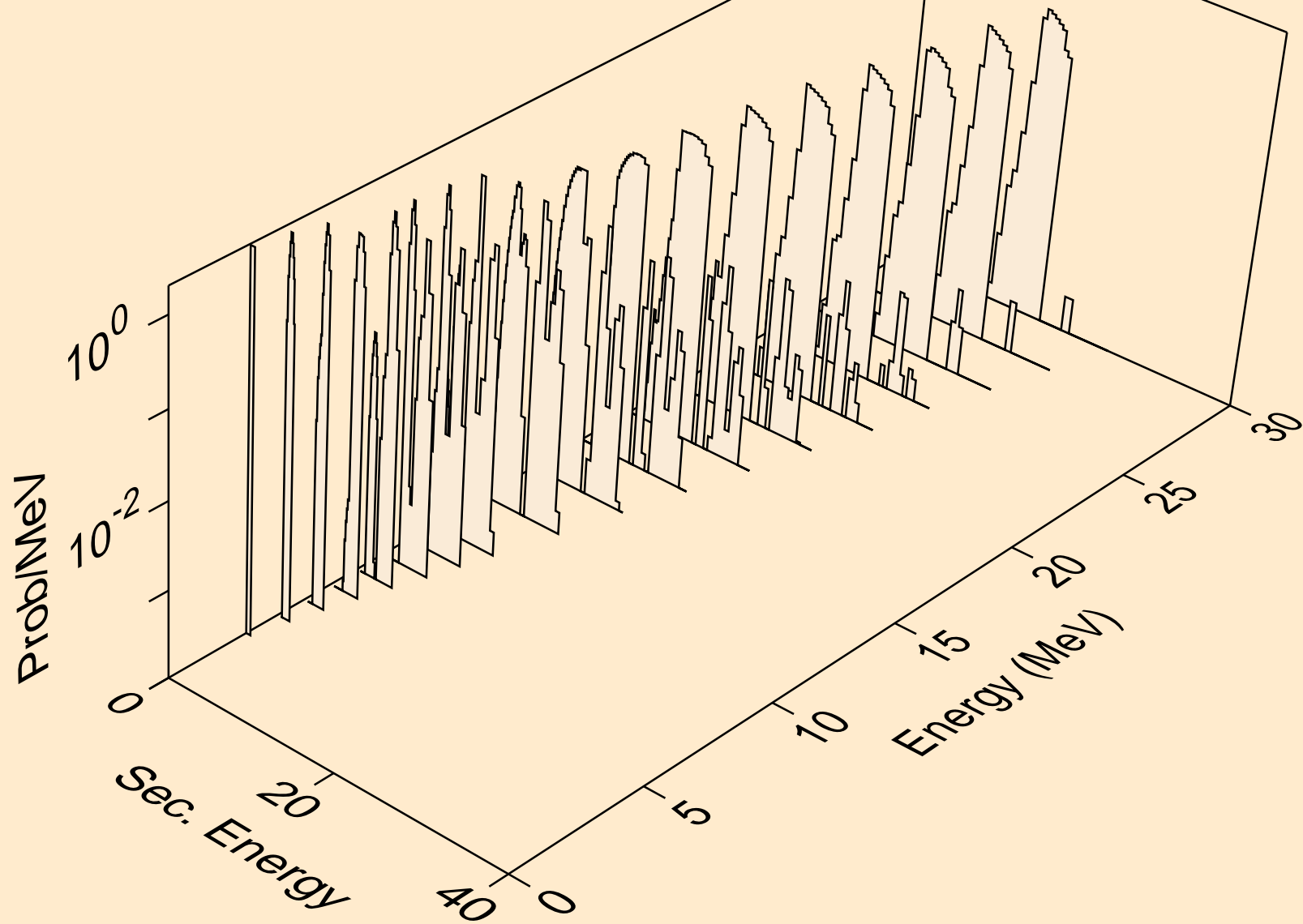




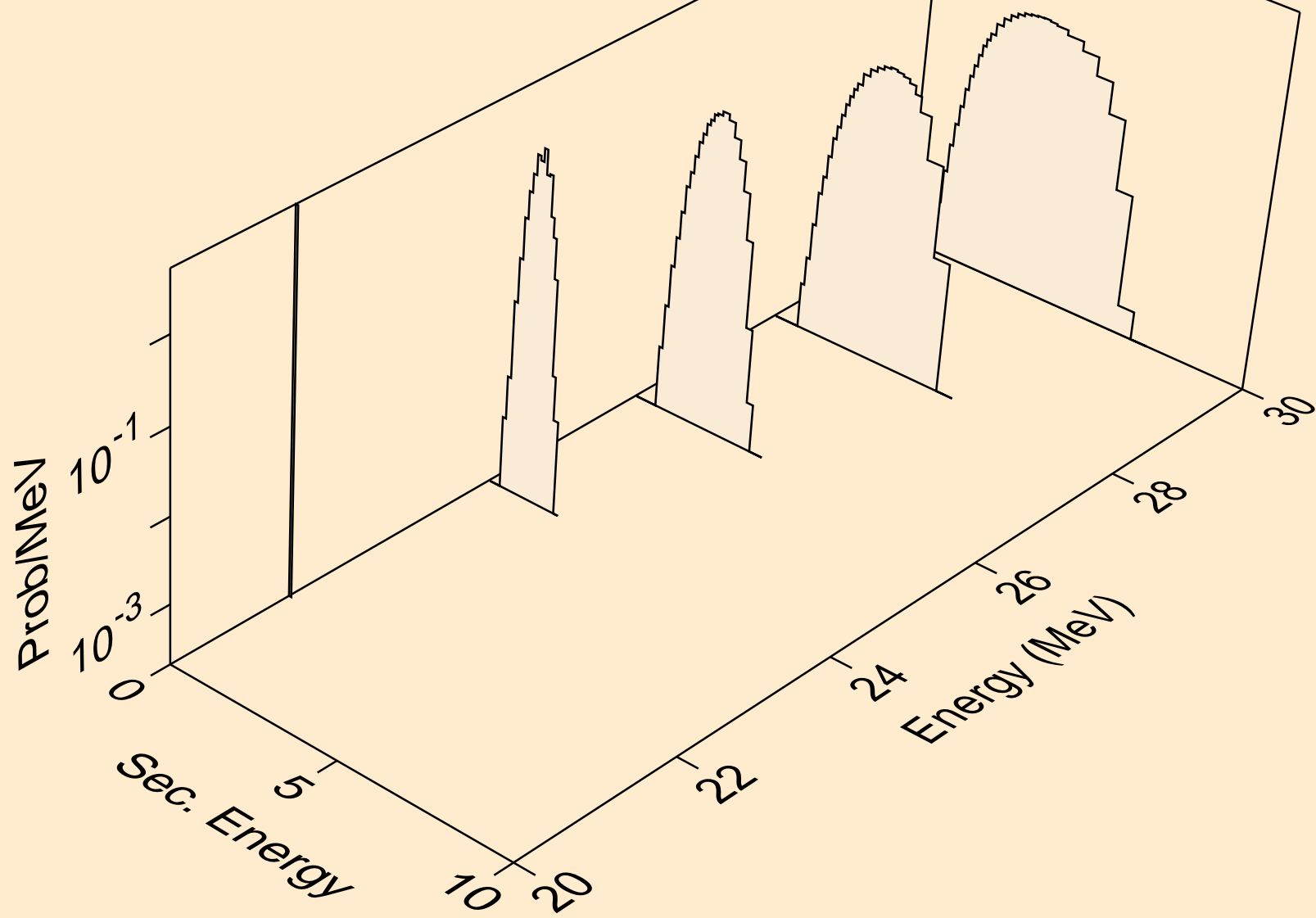
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,n\*)d



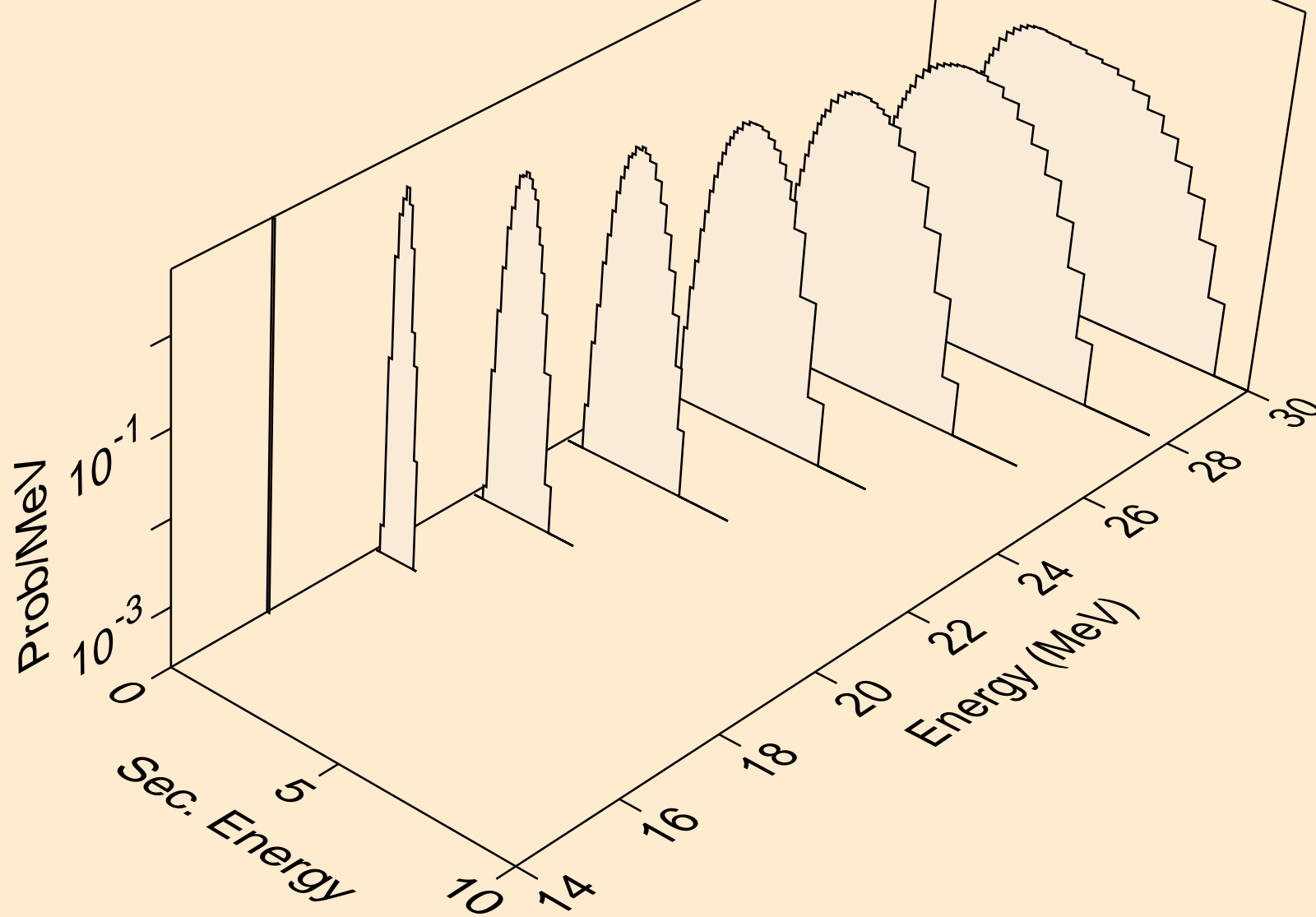
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,d)



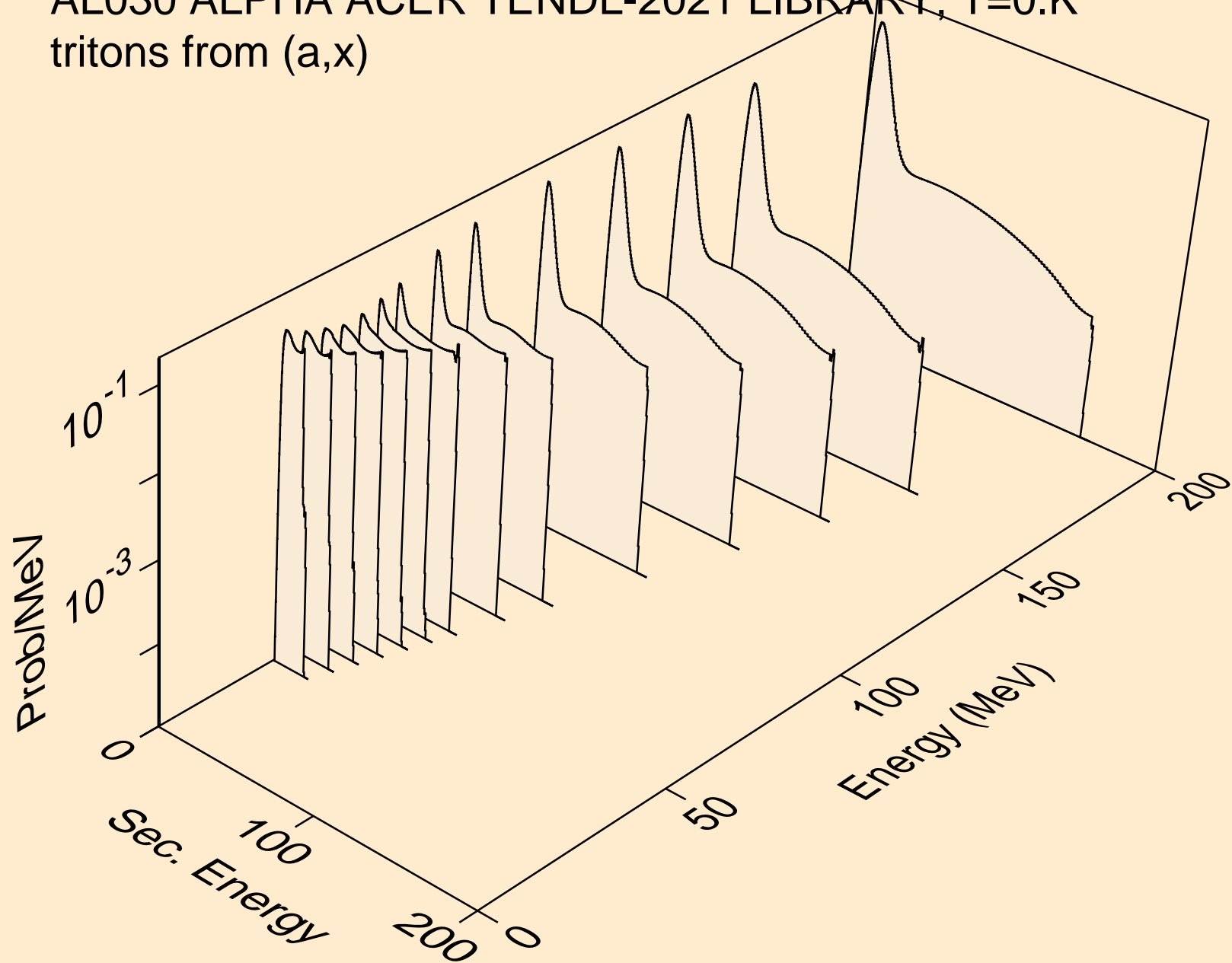
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,pd)



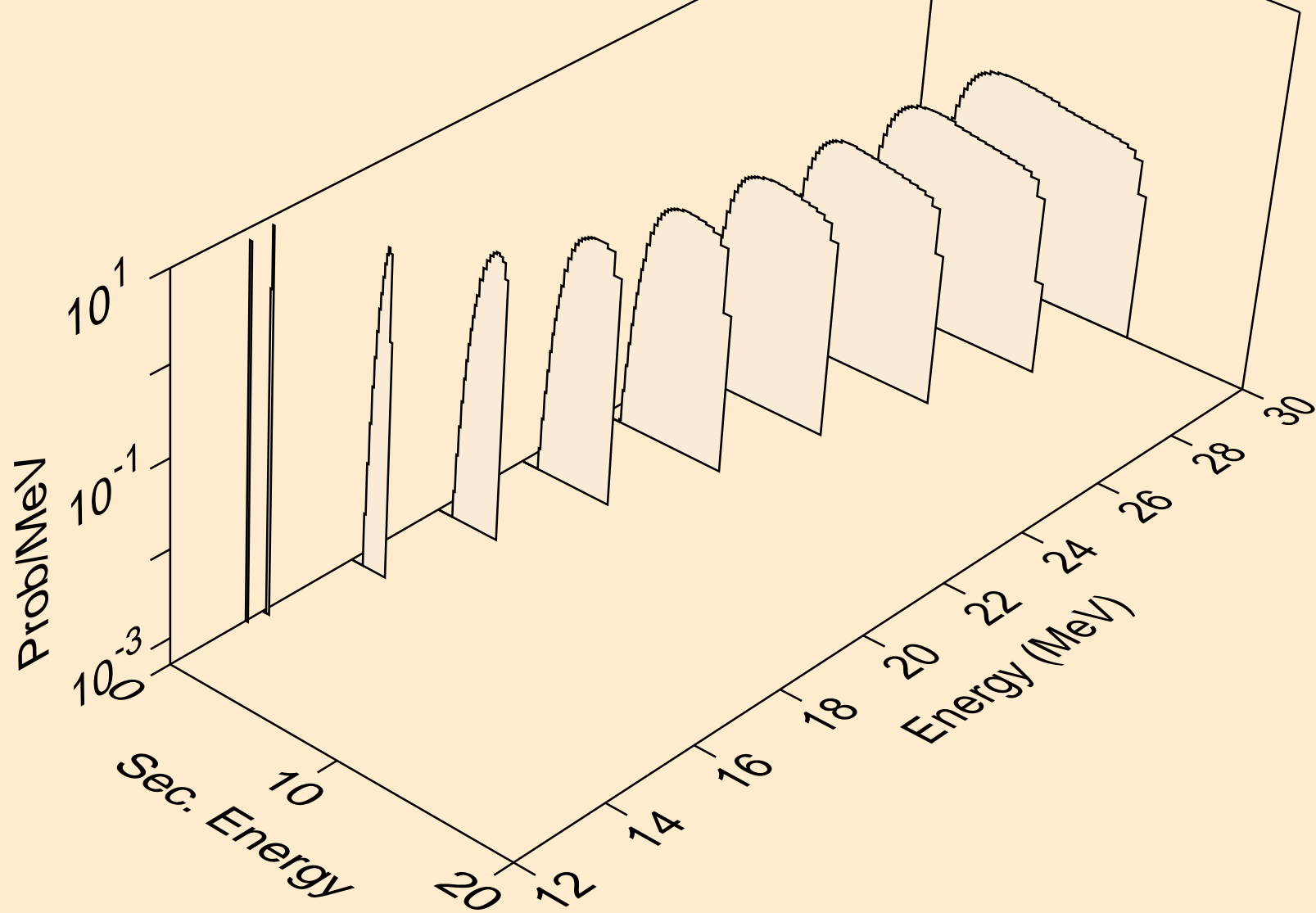
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
deuterons from (a,da)



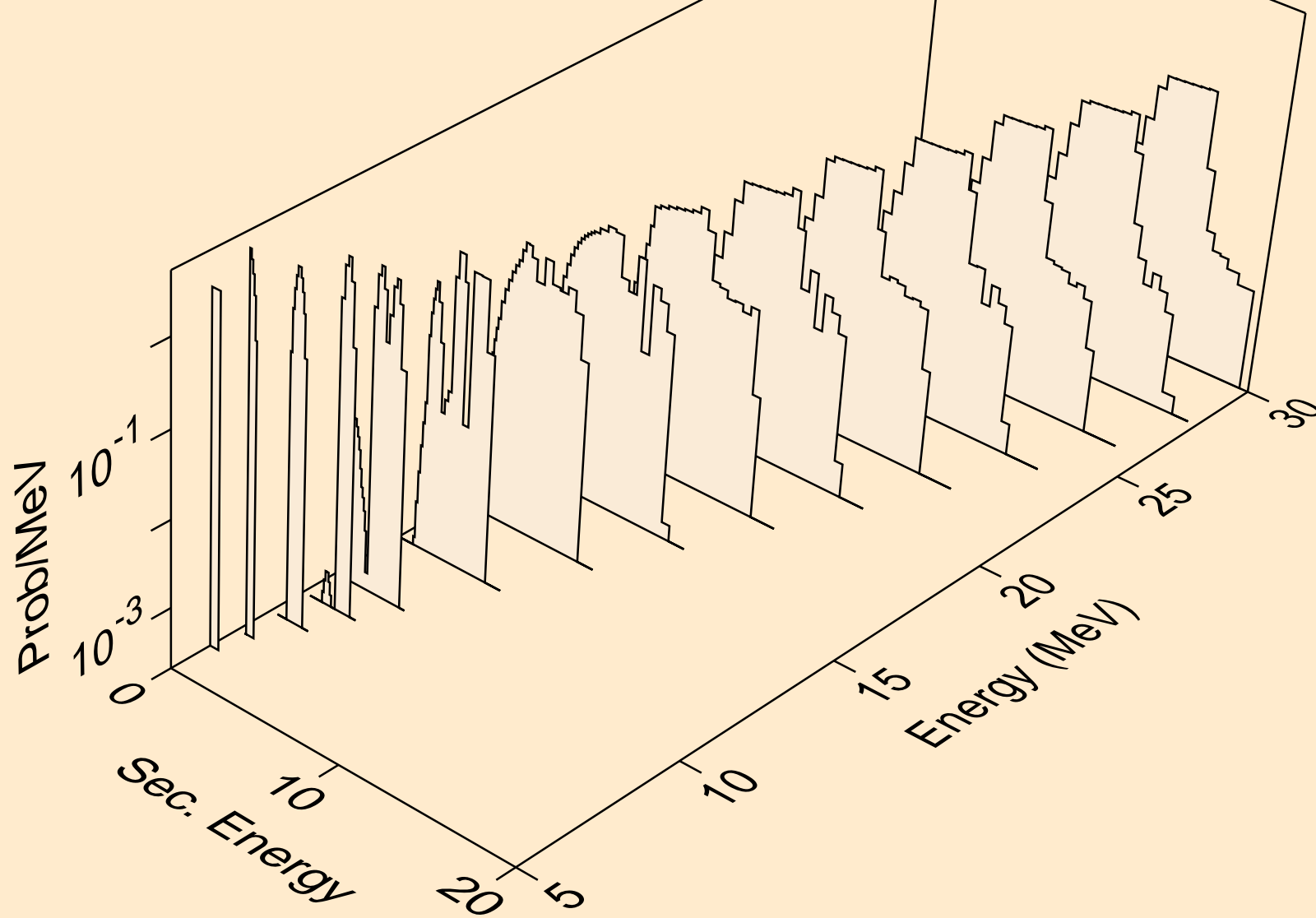
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,x)



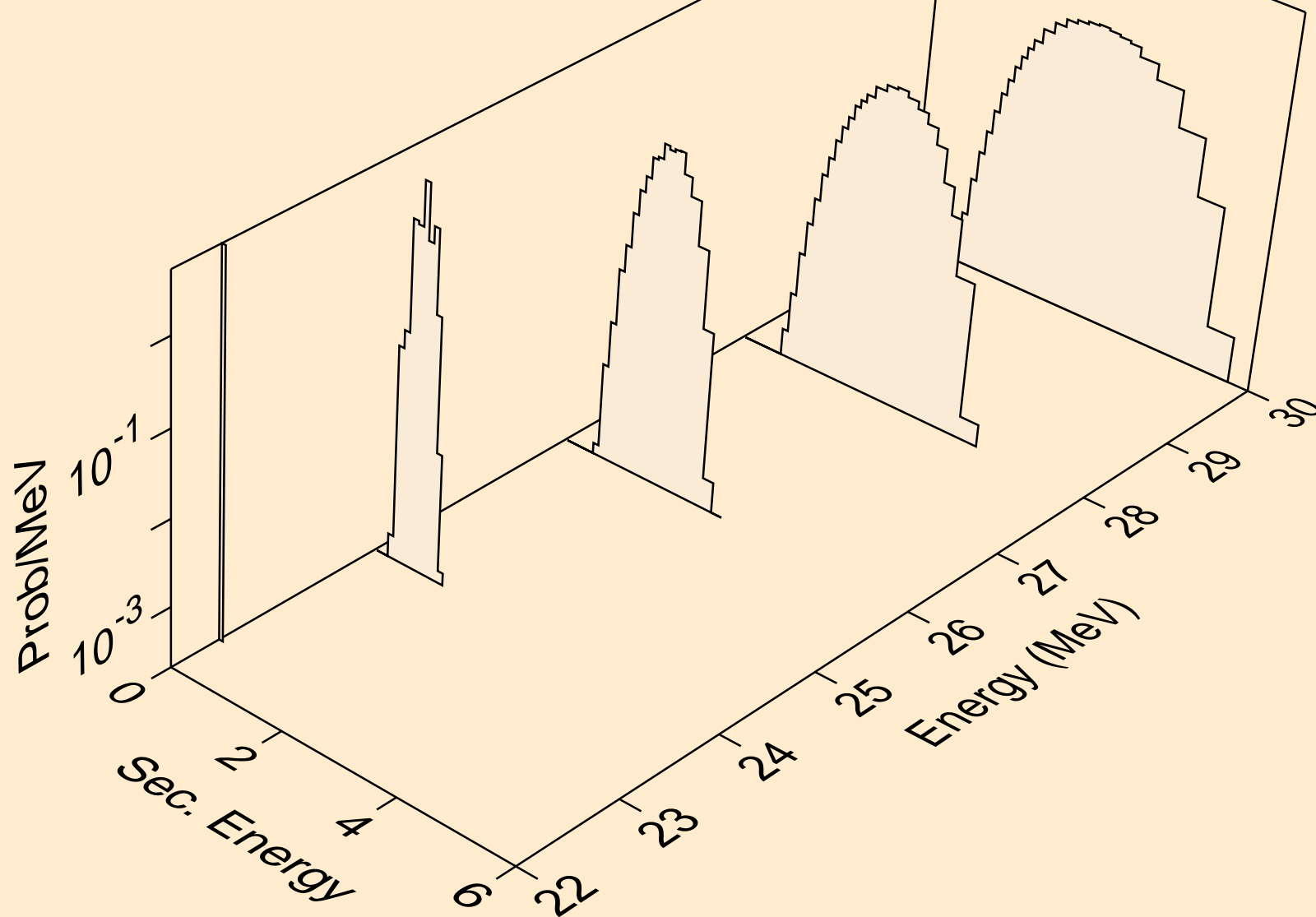
AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,n\*)t



AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,t)

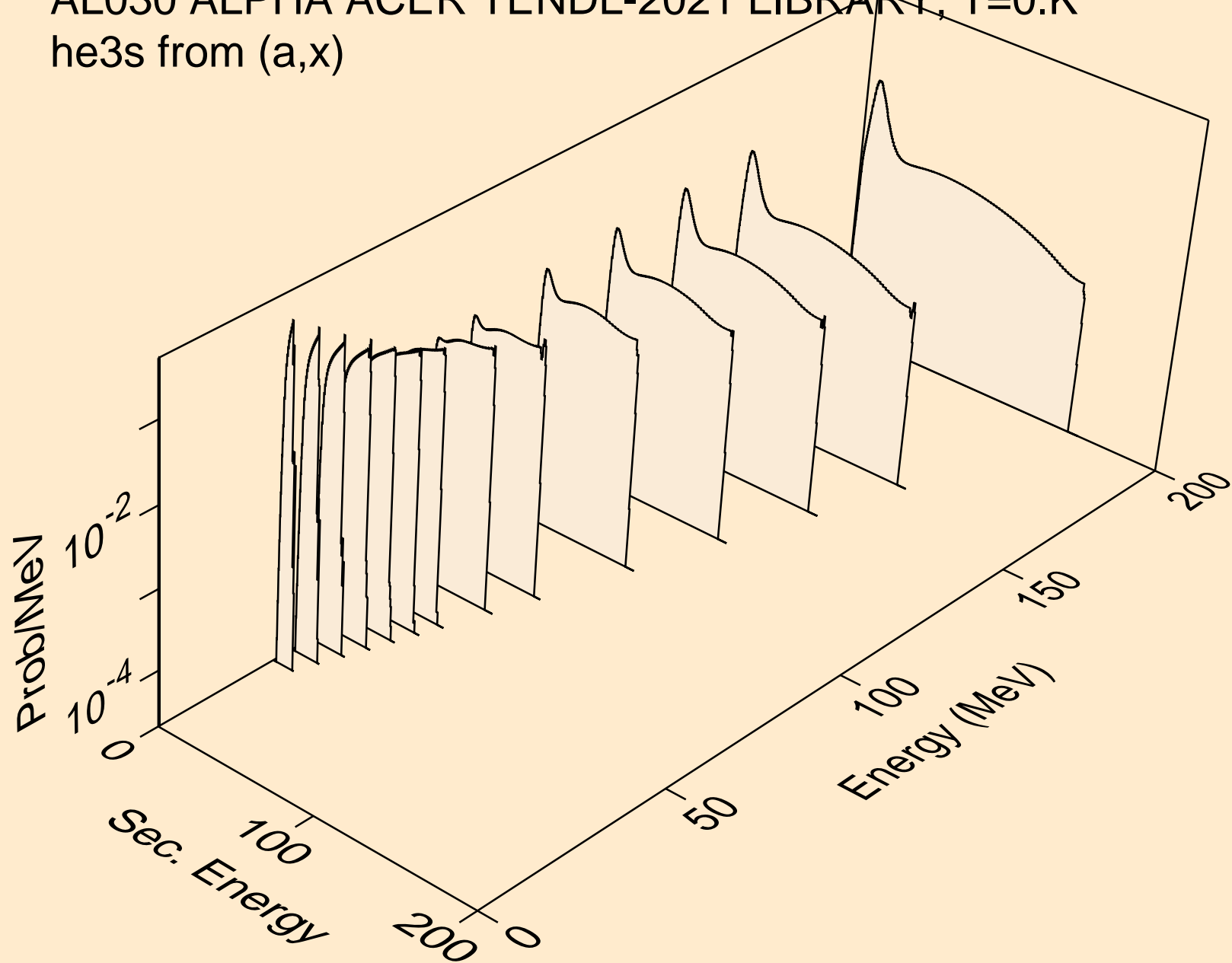


AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
tritons from (a,pt)

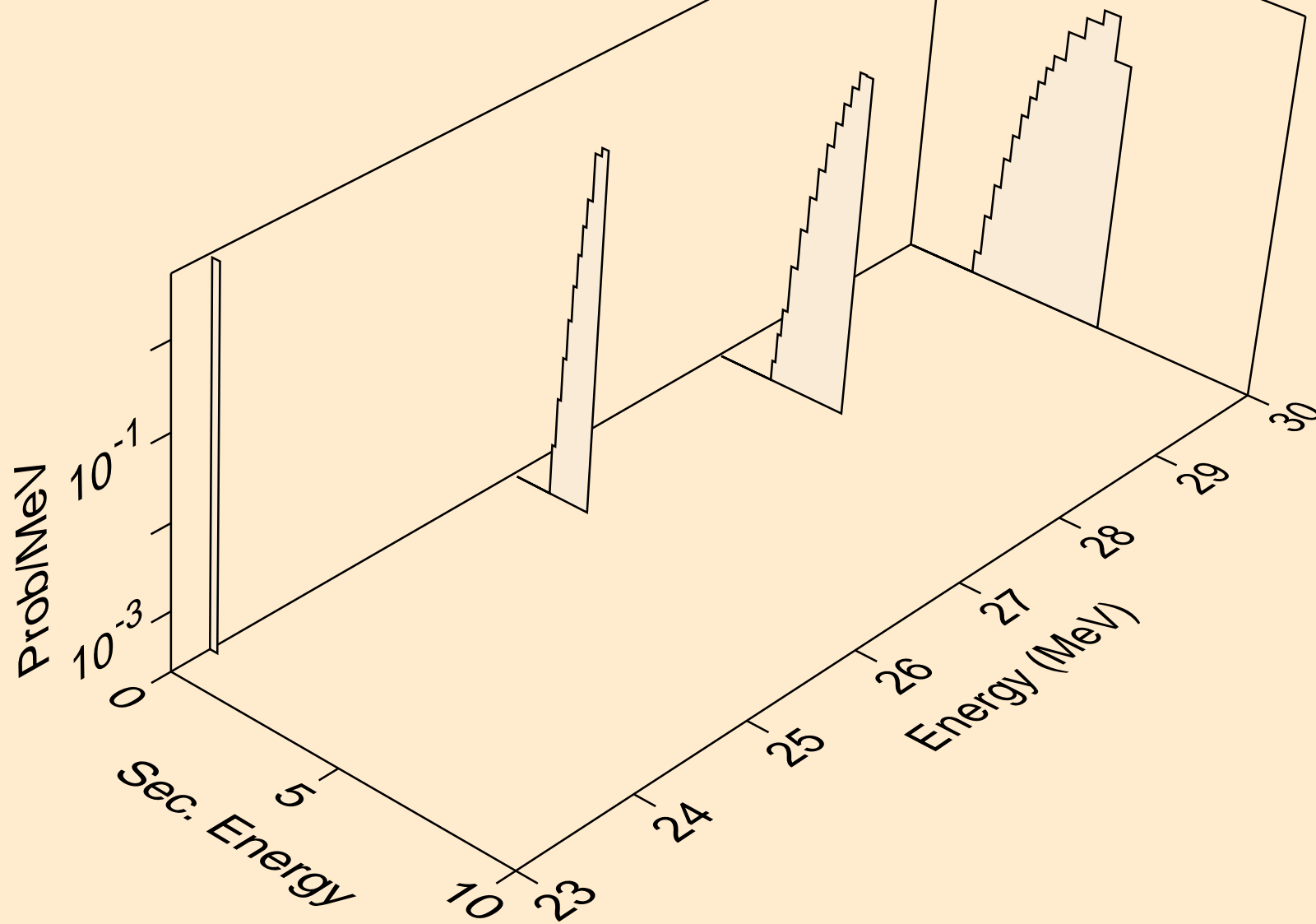




AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,x)



AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,n\*)he3



AL030 ALPHA ACER TENDL-2021 LIBRARY; T=0.K  
he3s from (a,he3)

