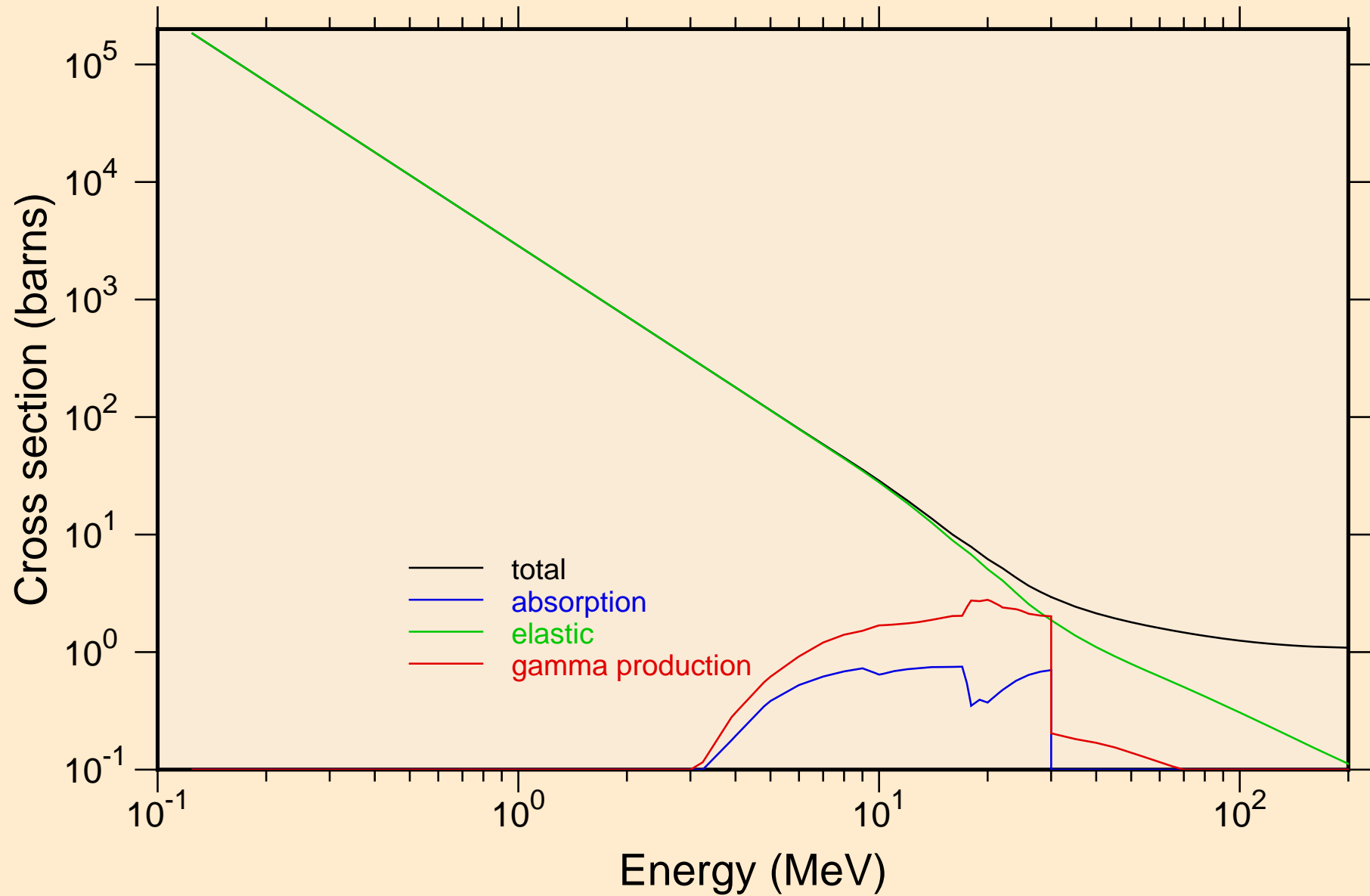
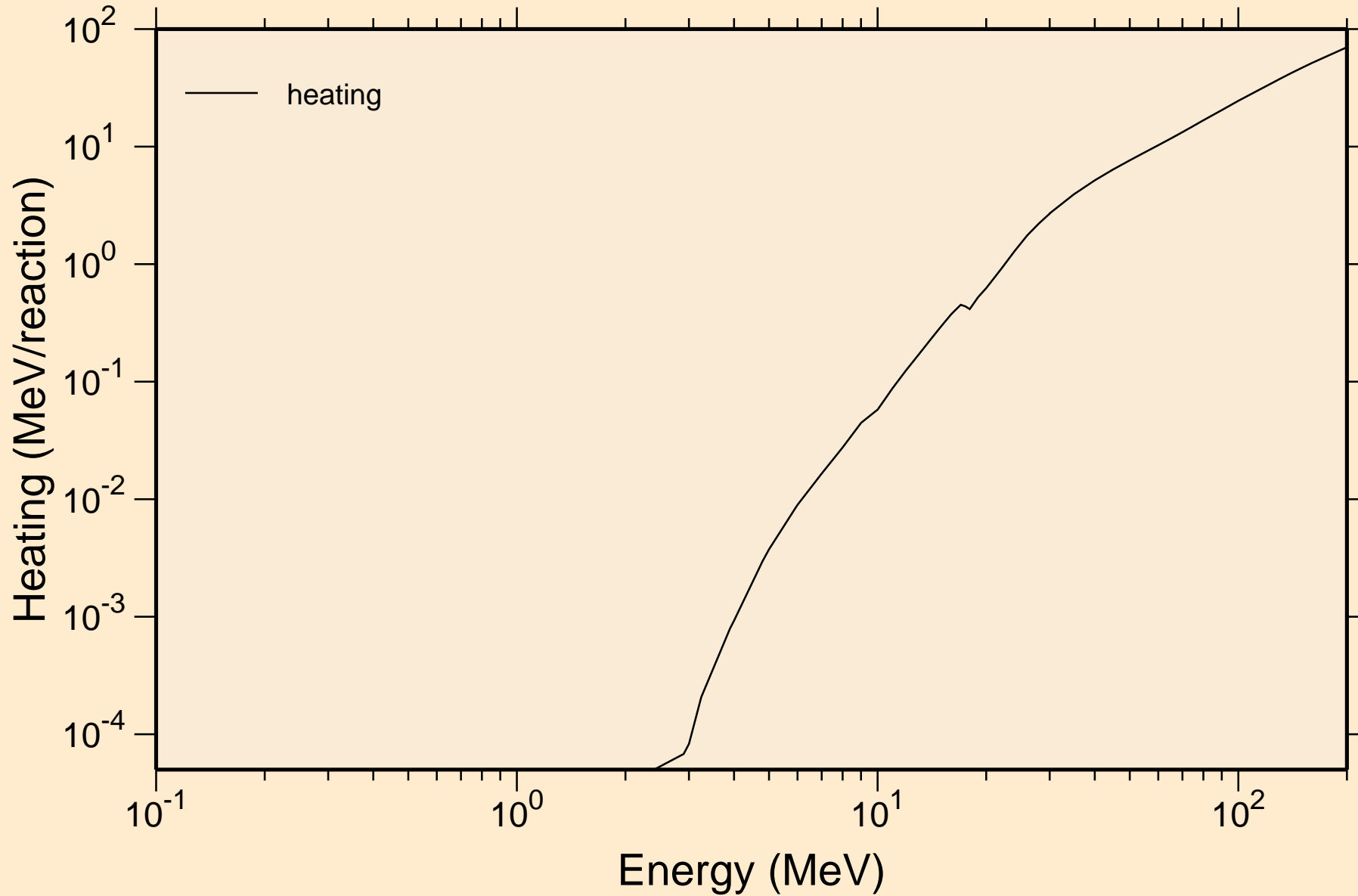


F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



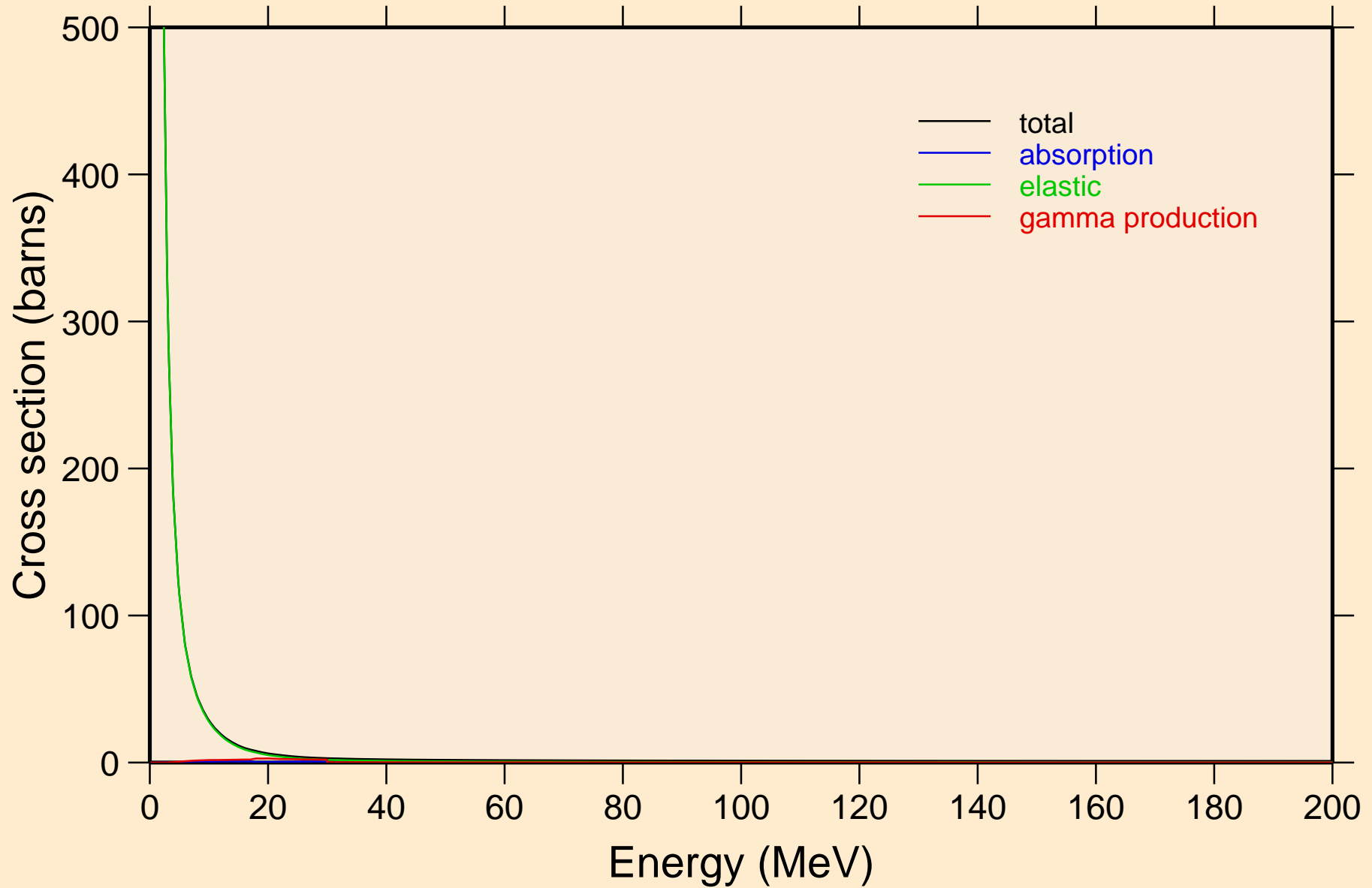
# F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Heating



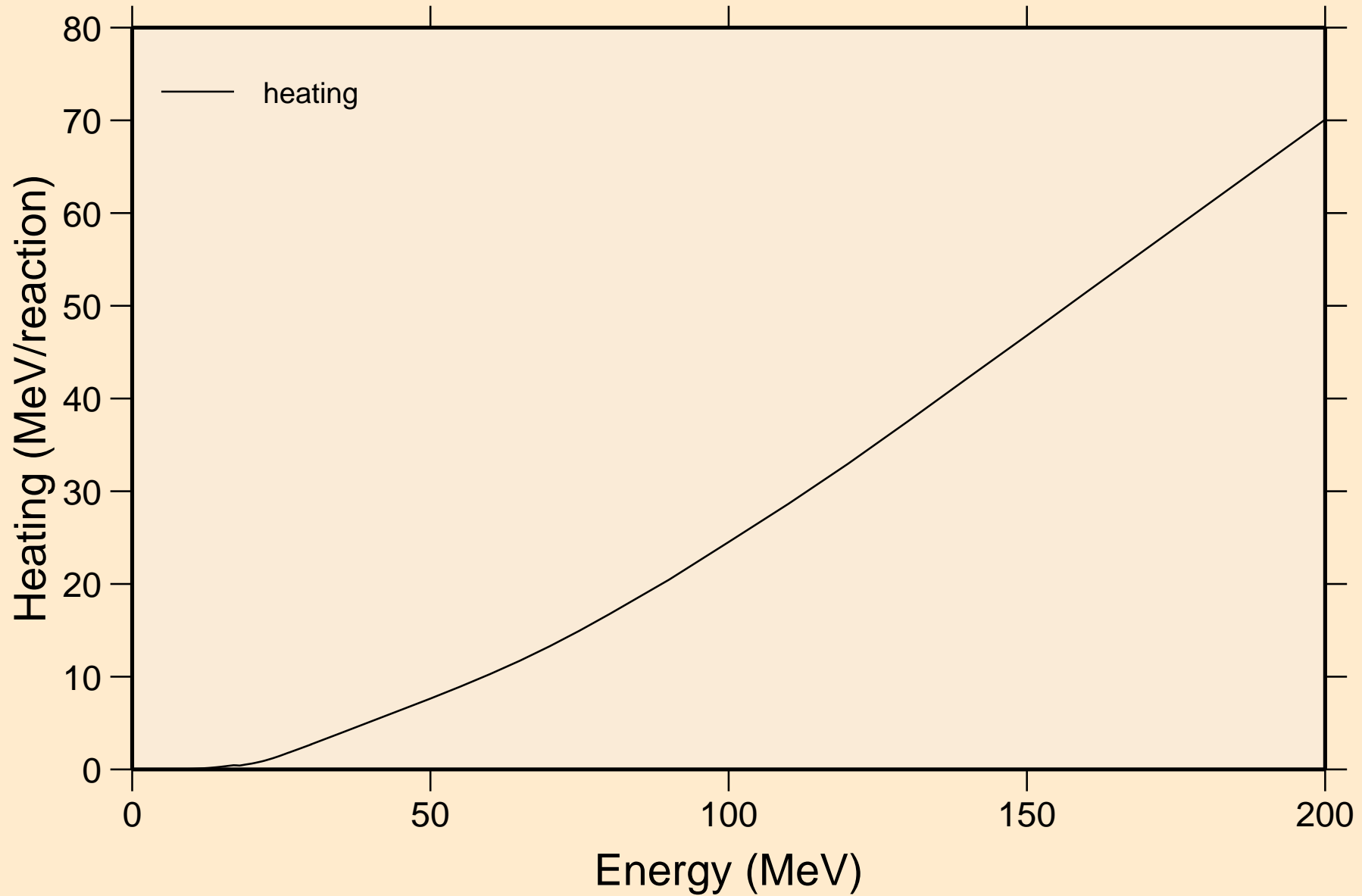
# F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

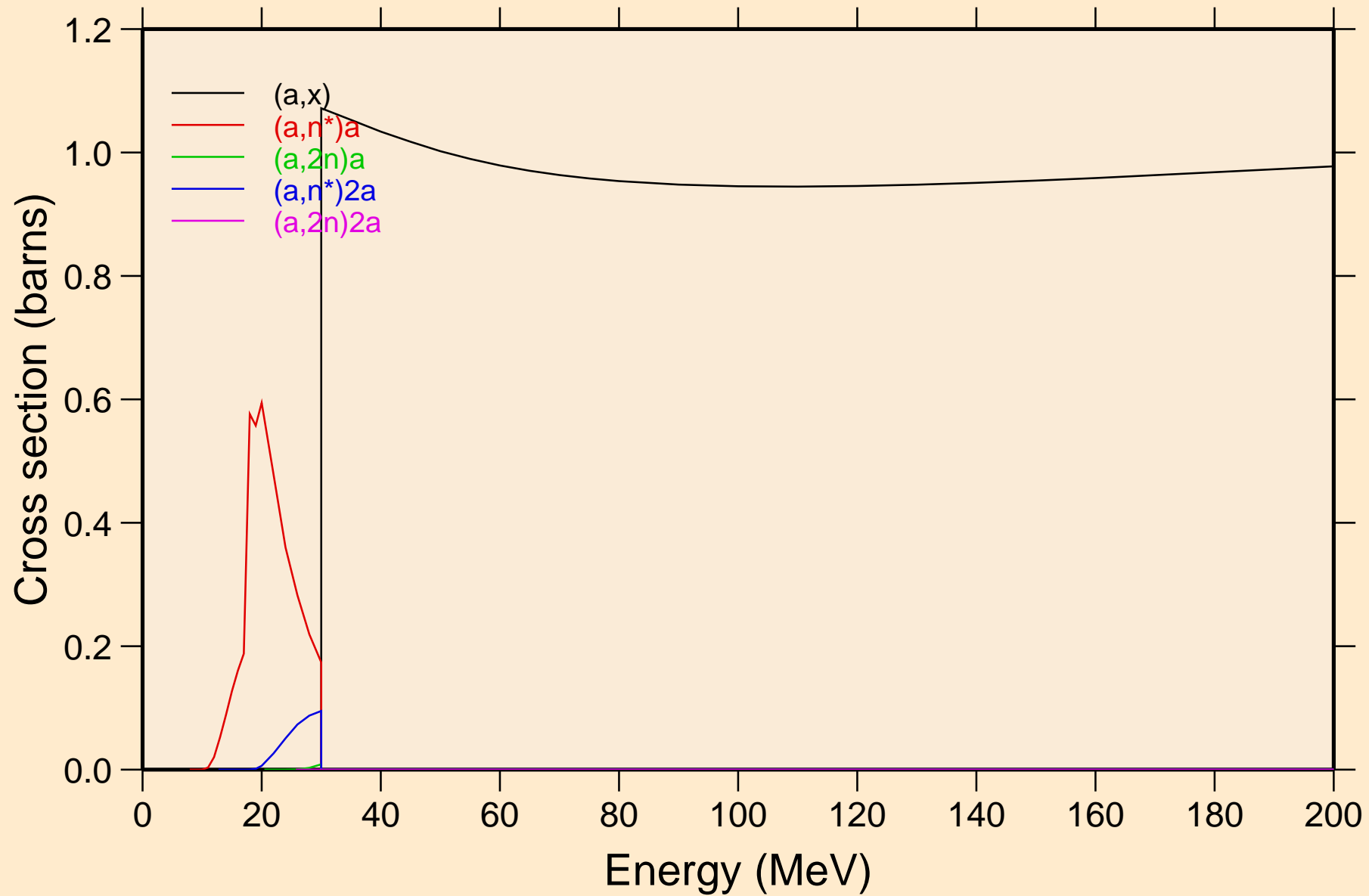


F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating

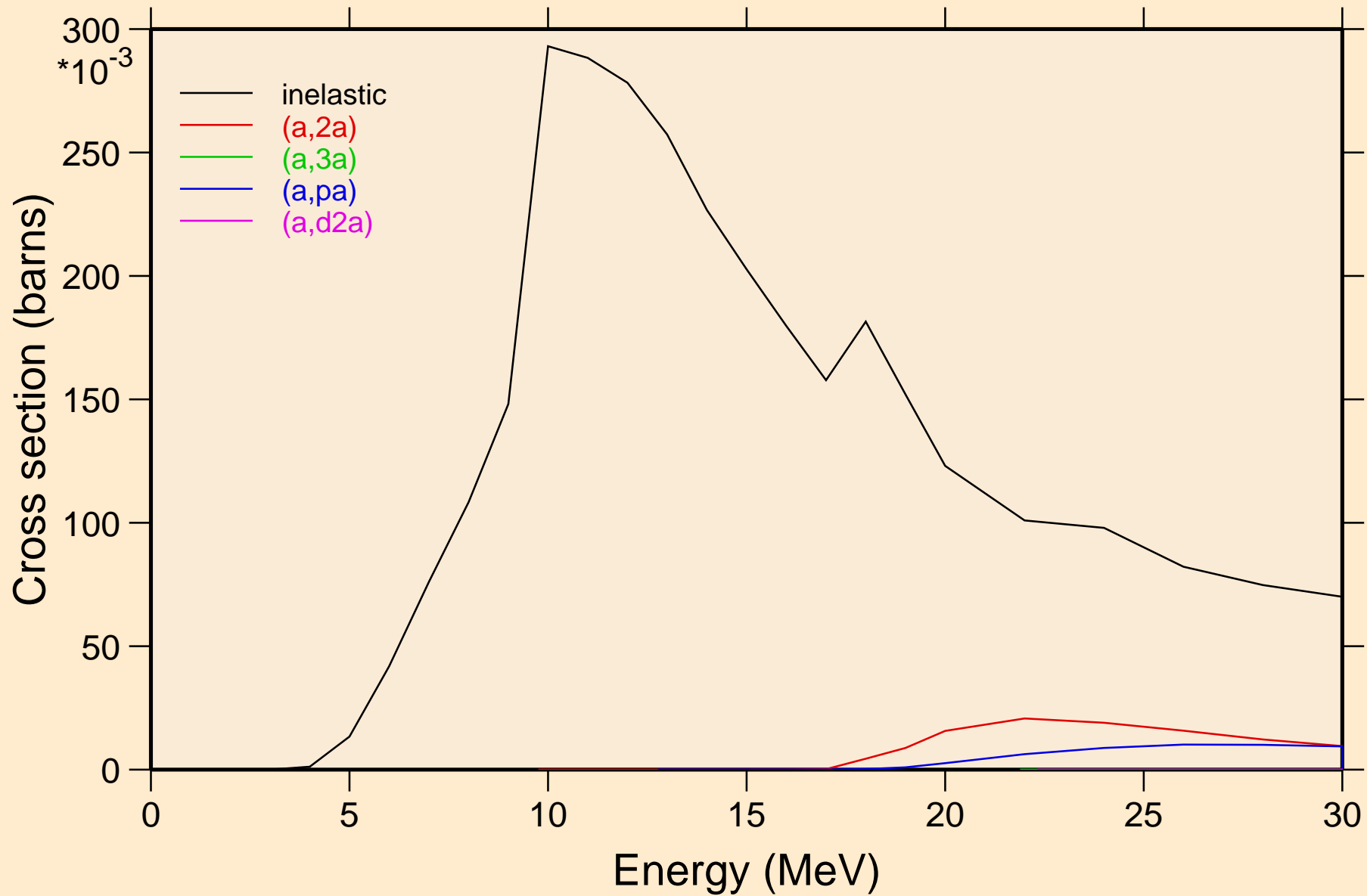


F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

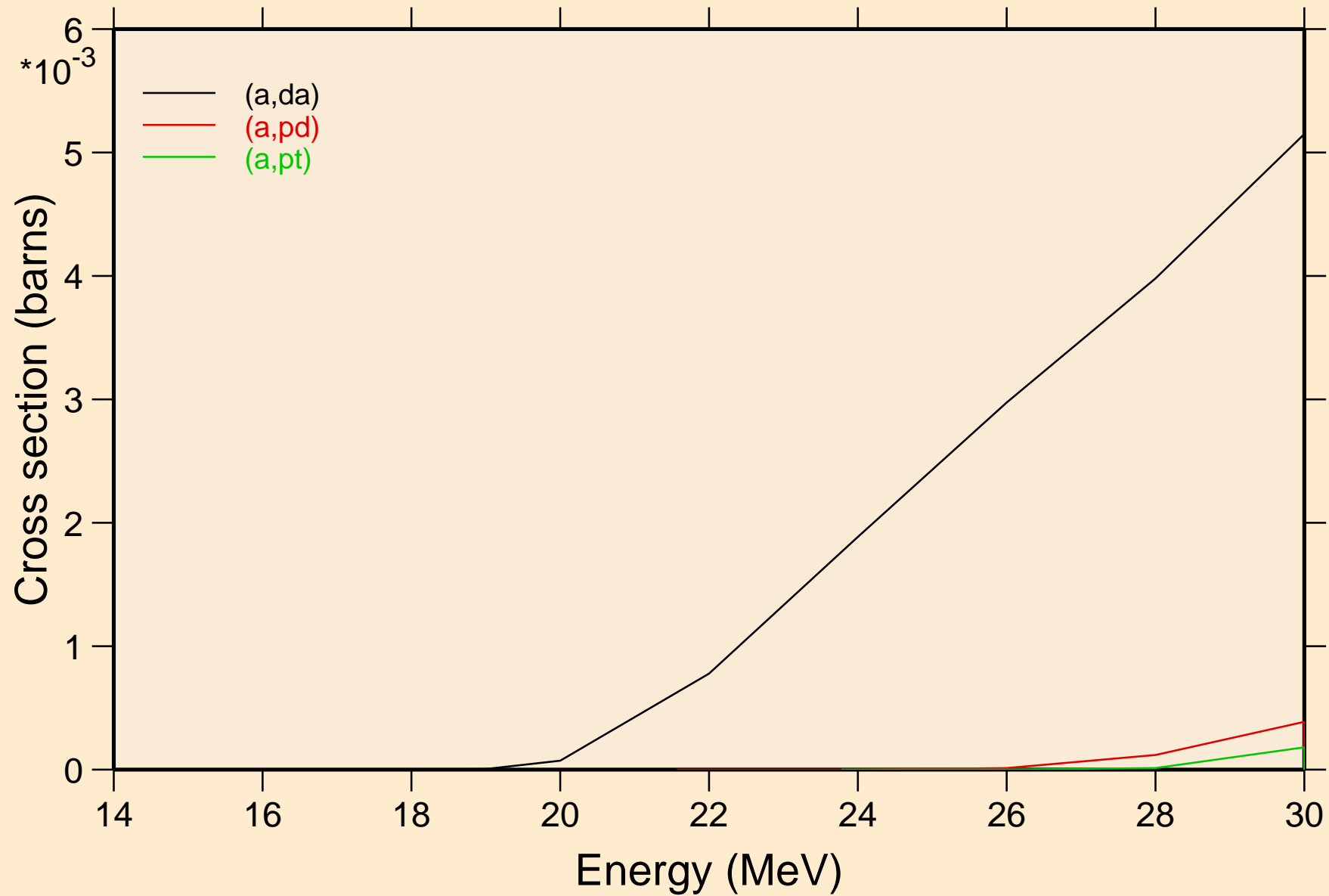


# F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

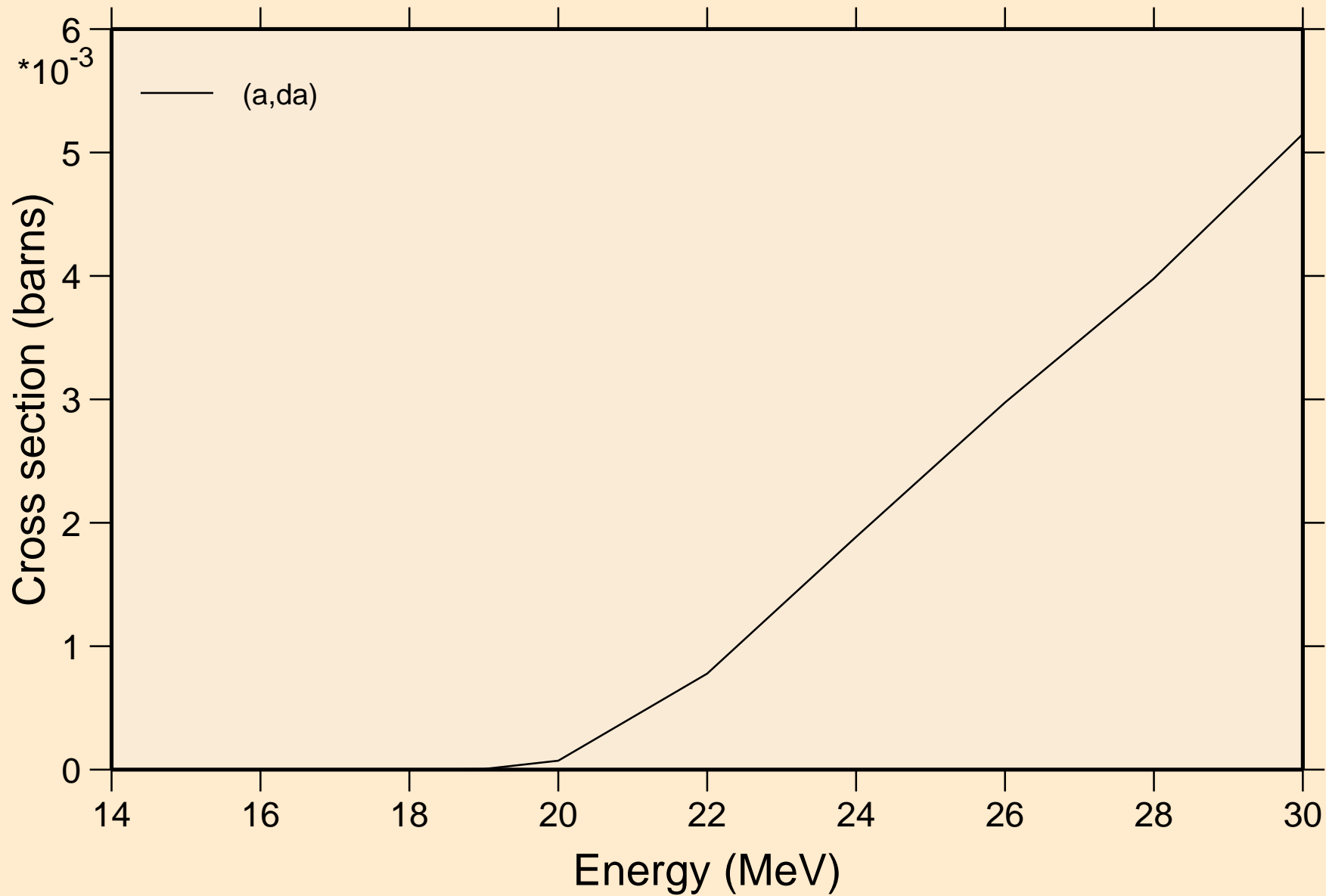
## Threshold reactions



F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

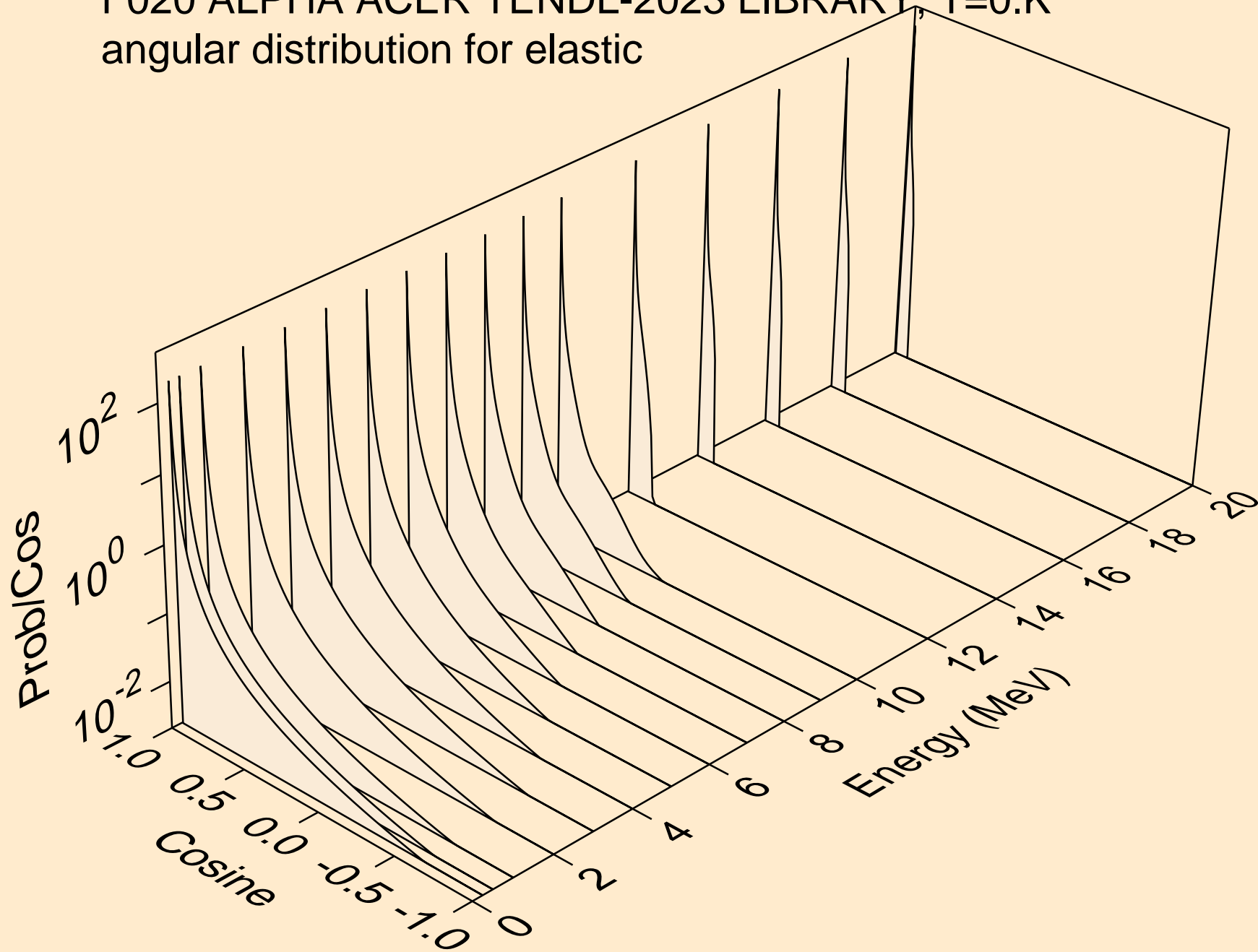


F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions

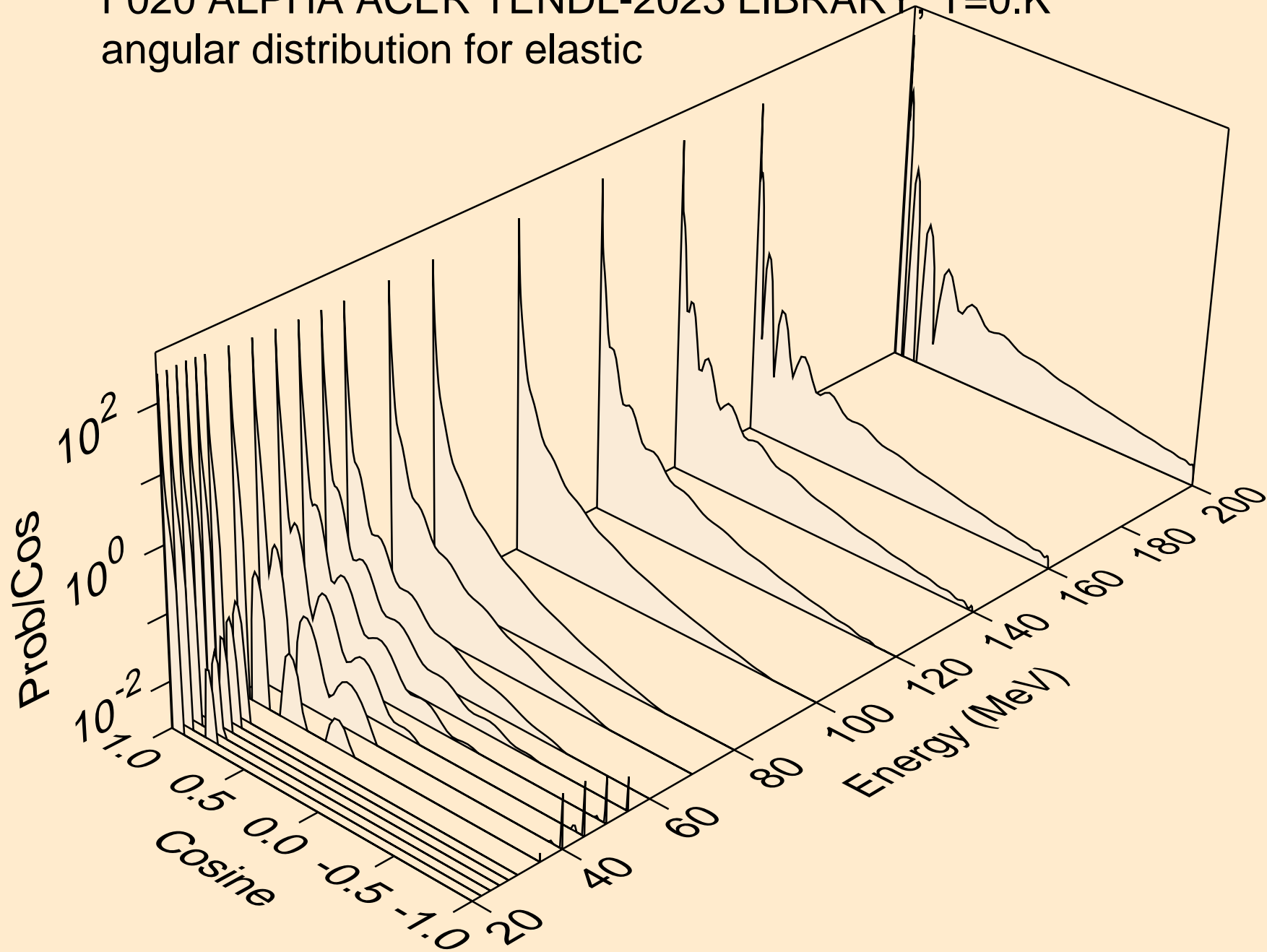




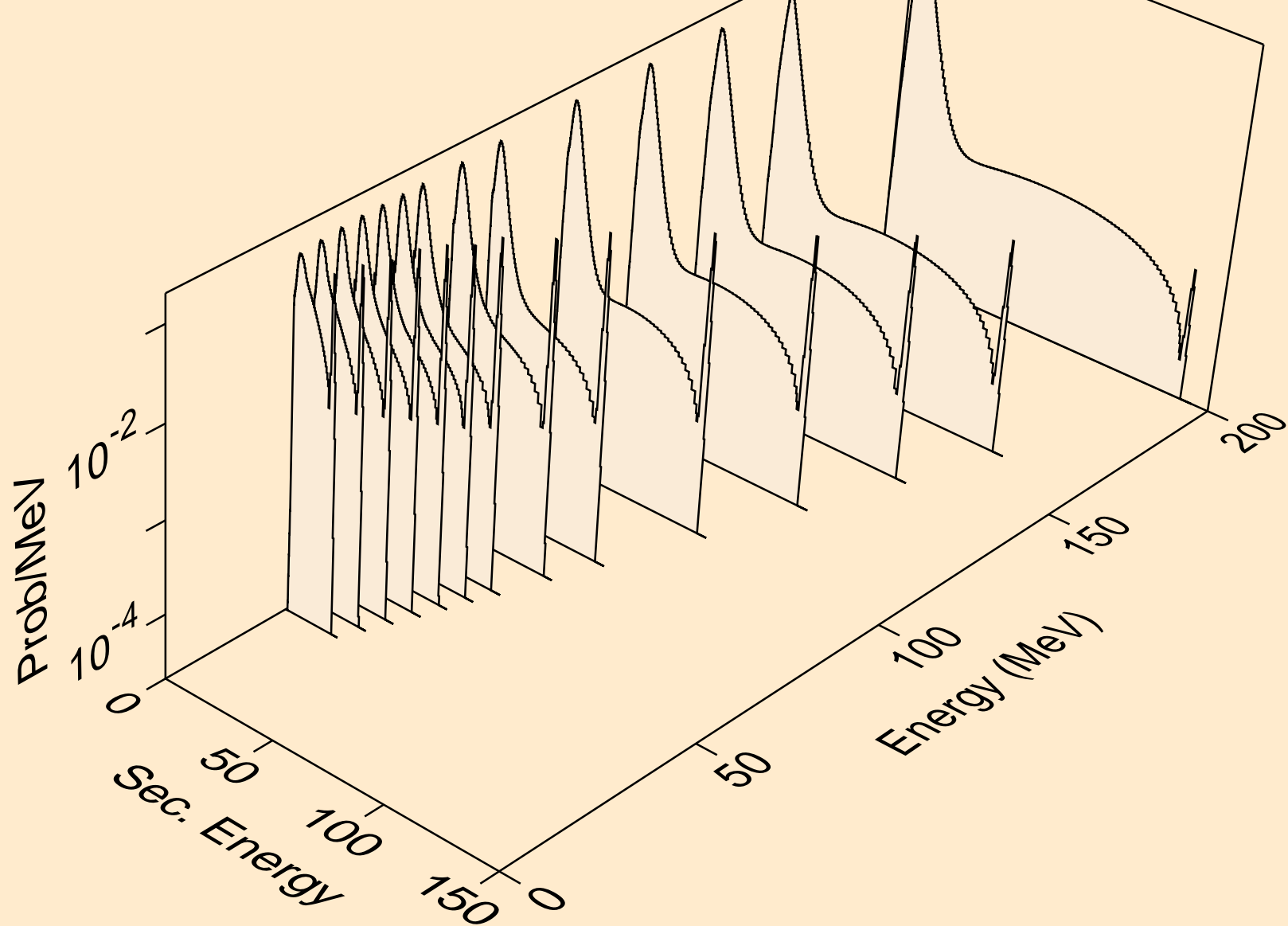
F020 ALPHA ACER TENDL-2023 LIBRARY: T=0.K  
angular distribution for elastic



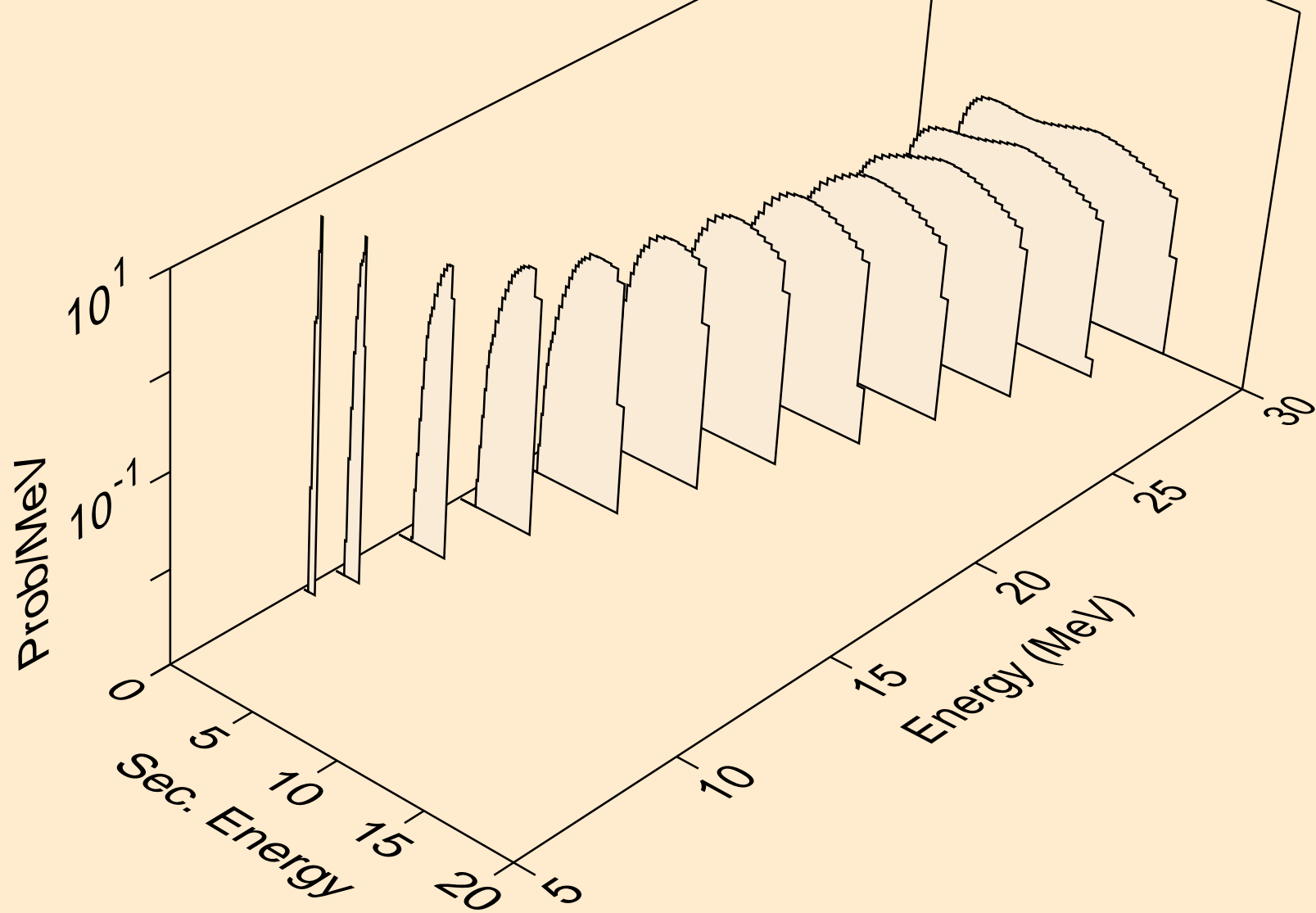
F020 ALPHA ACER TENDL-2023 LIBRARY: T=0.K  
angular distribution for elastic



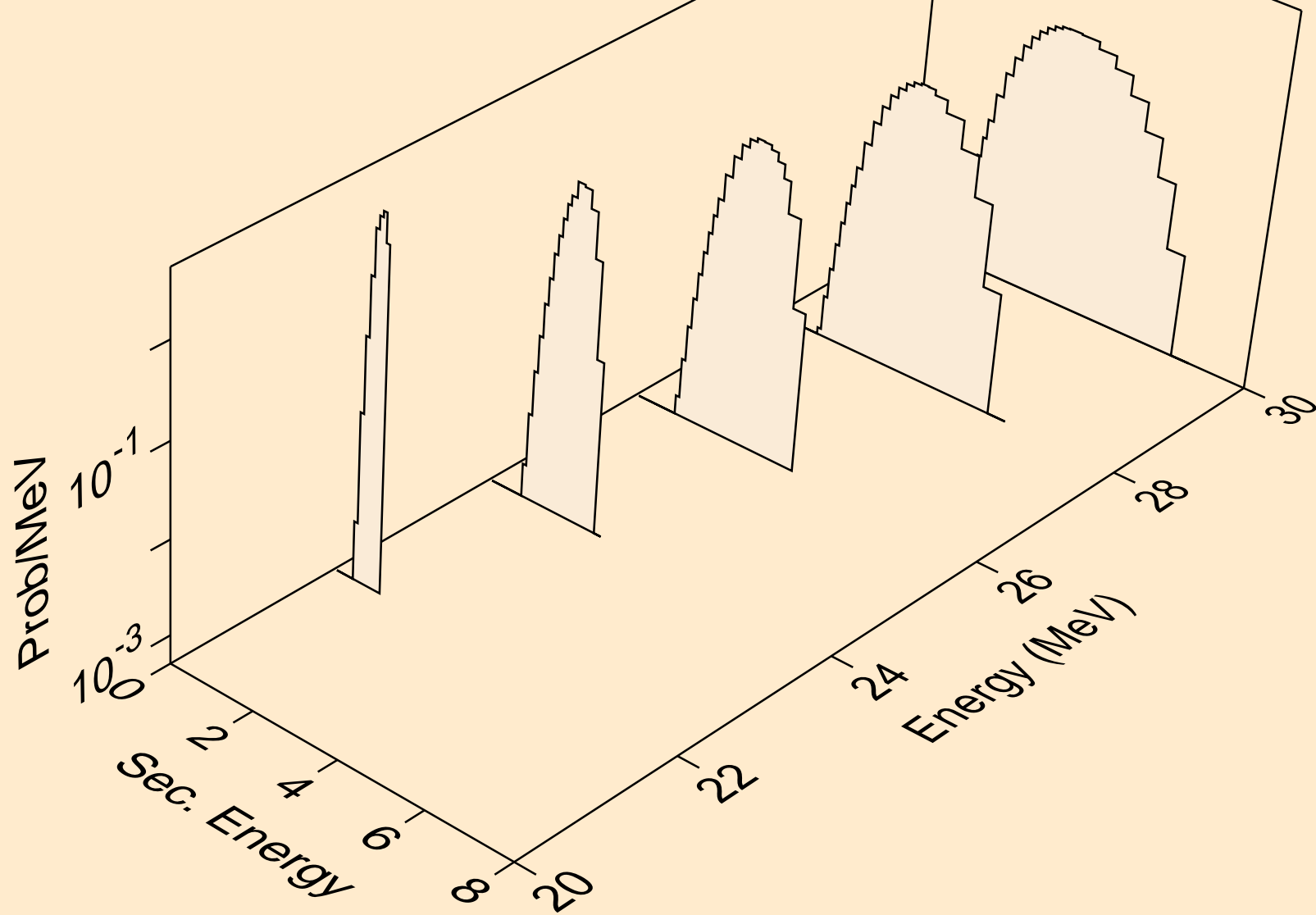
F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,x)



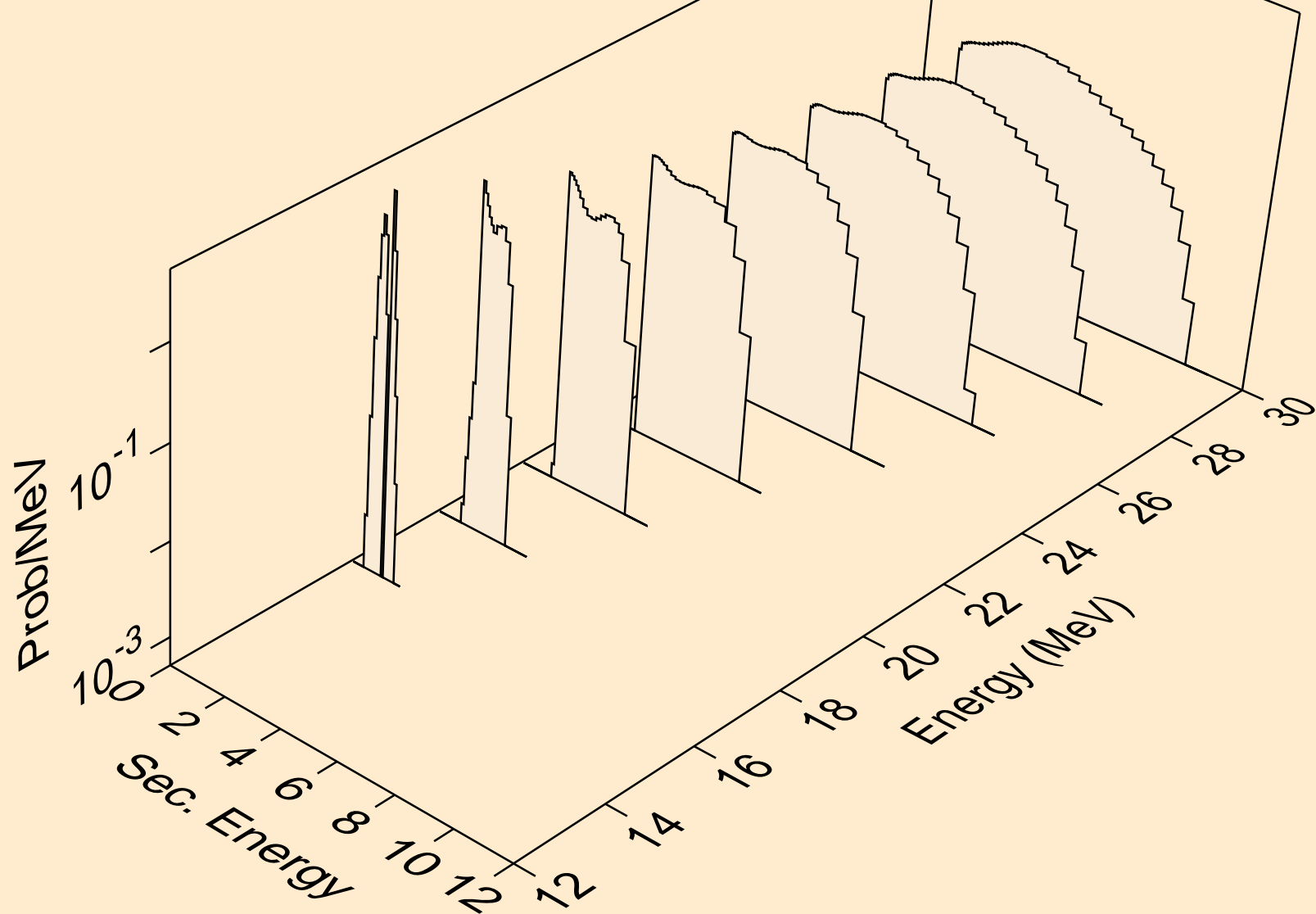
F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2n)a

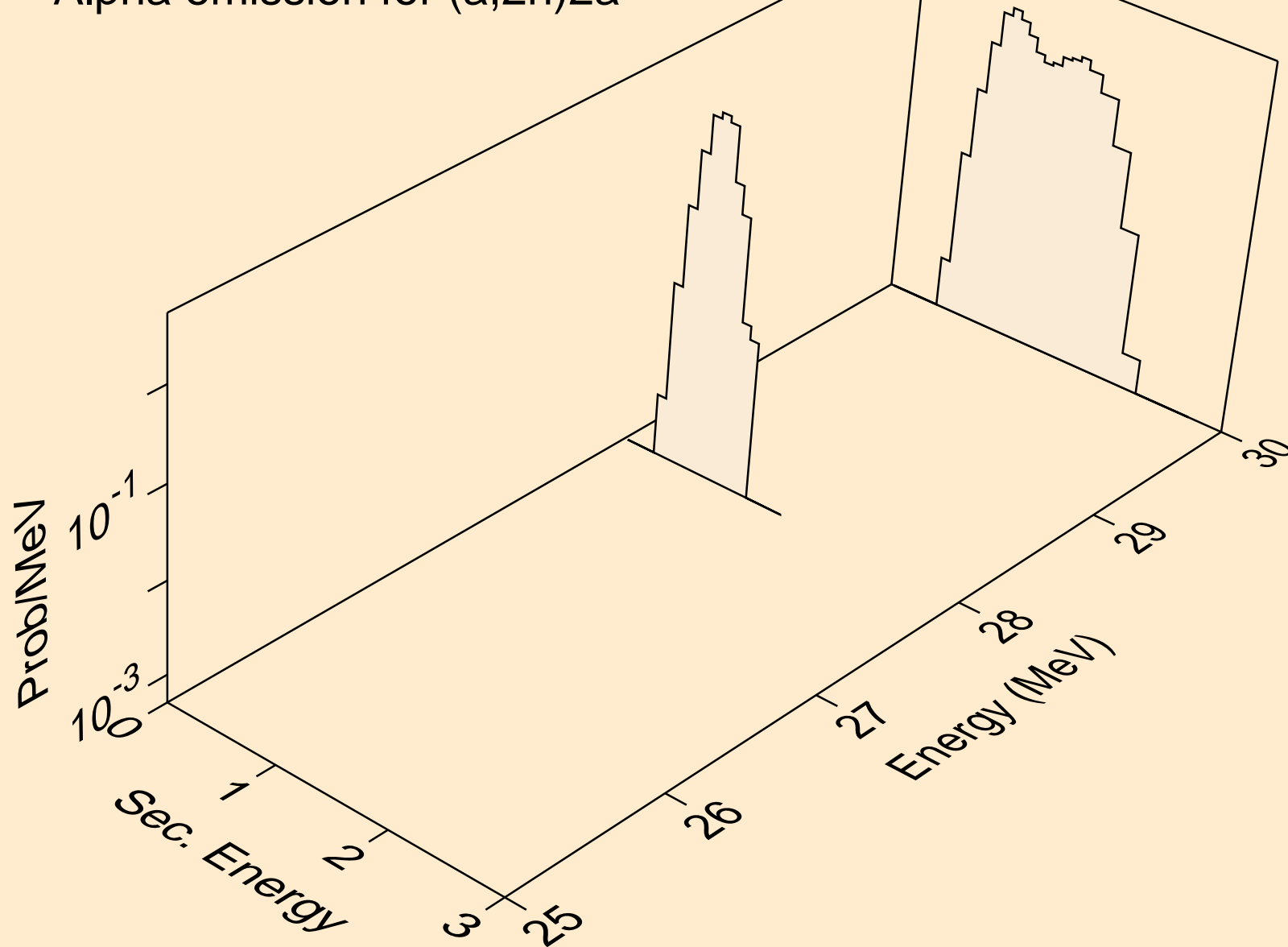


F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)2a

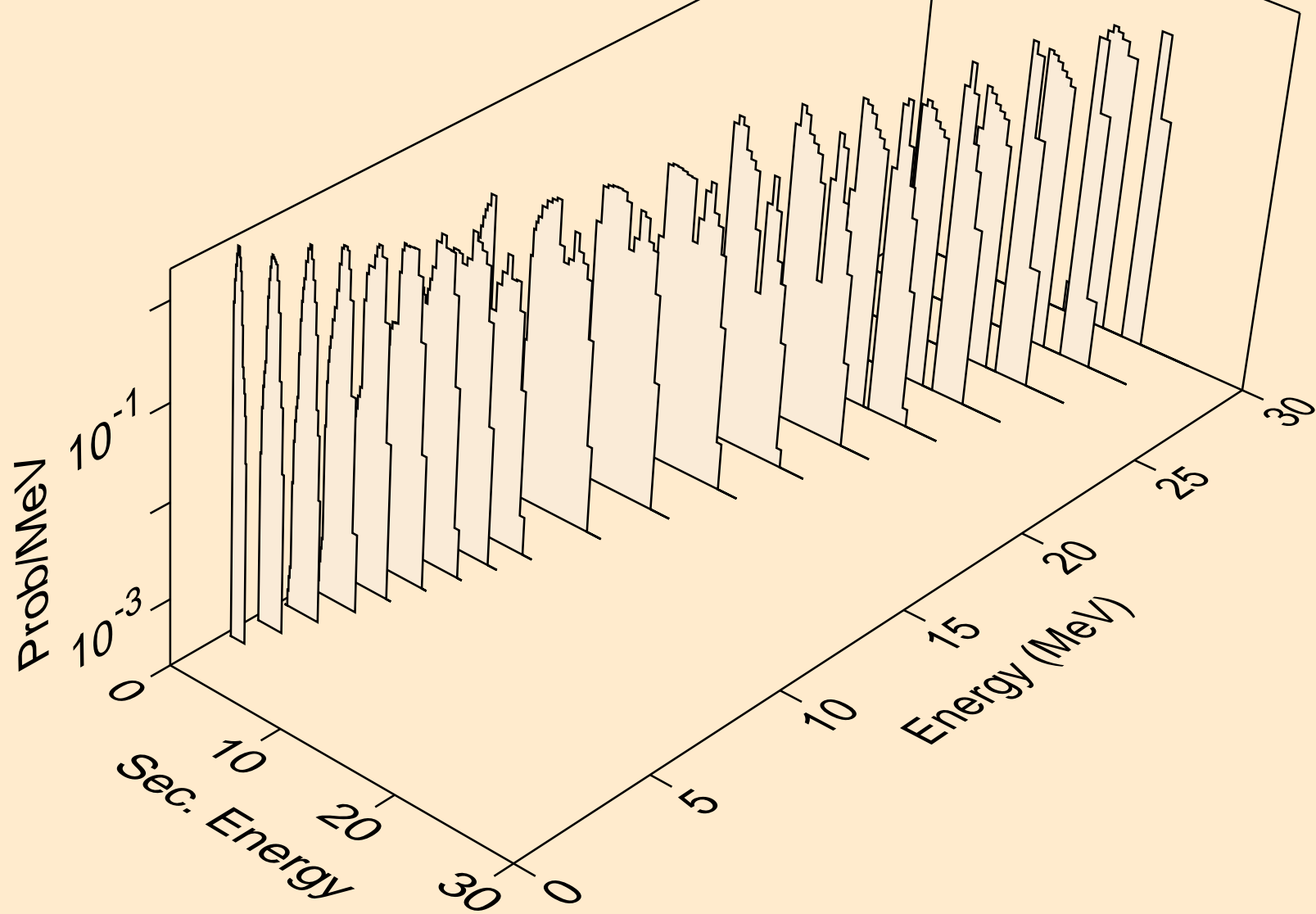


F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,2n)2a

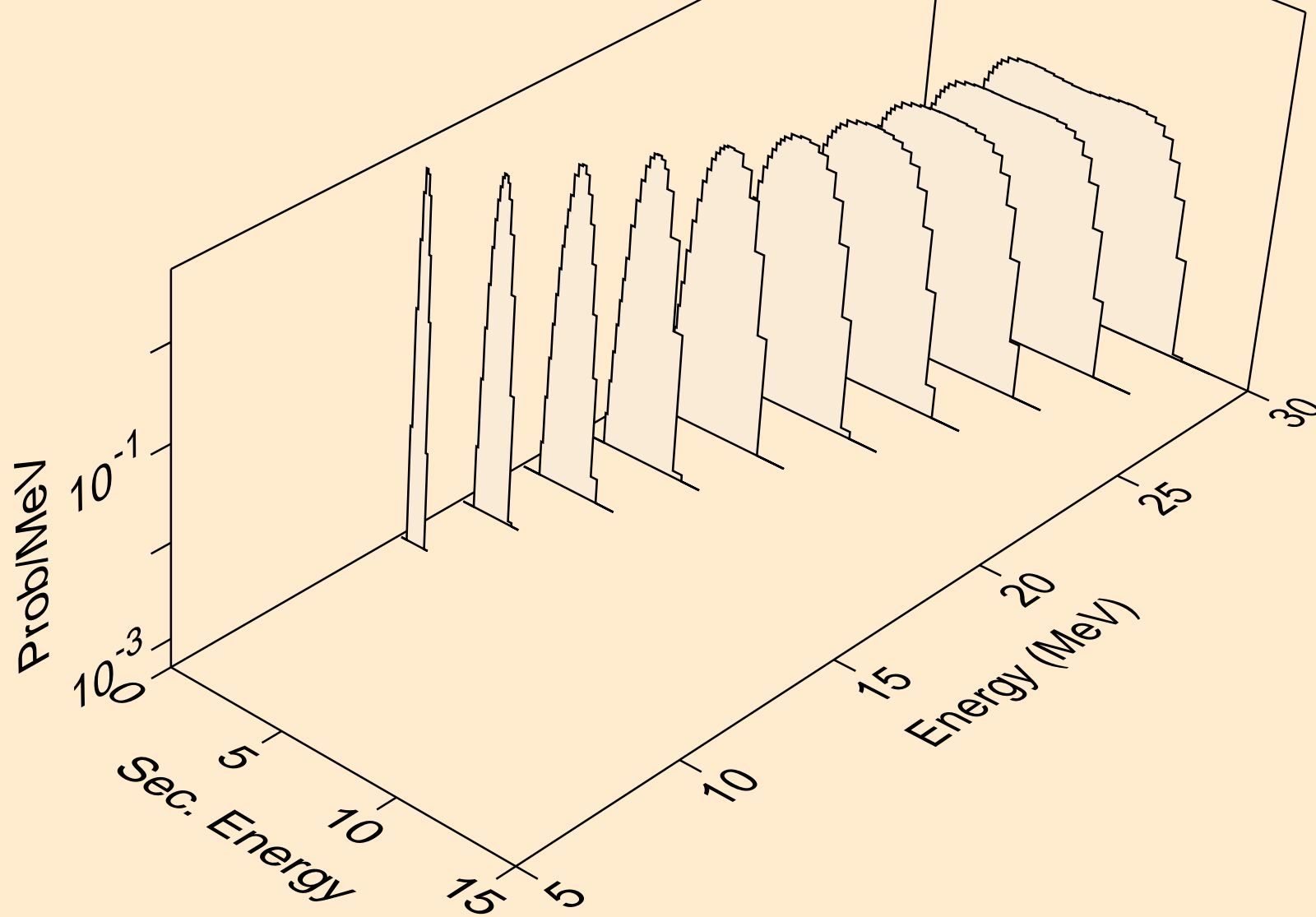


F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic

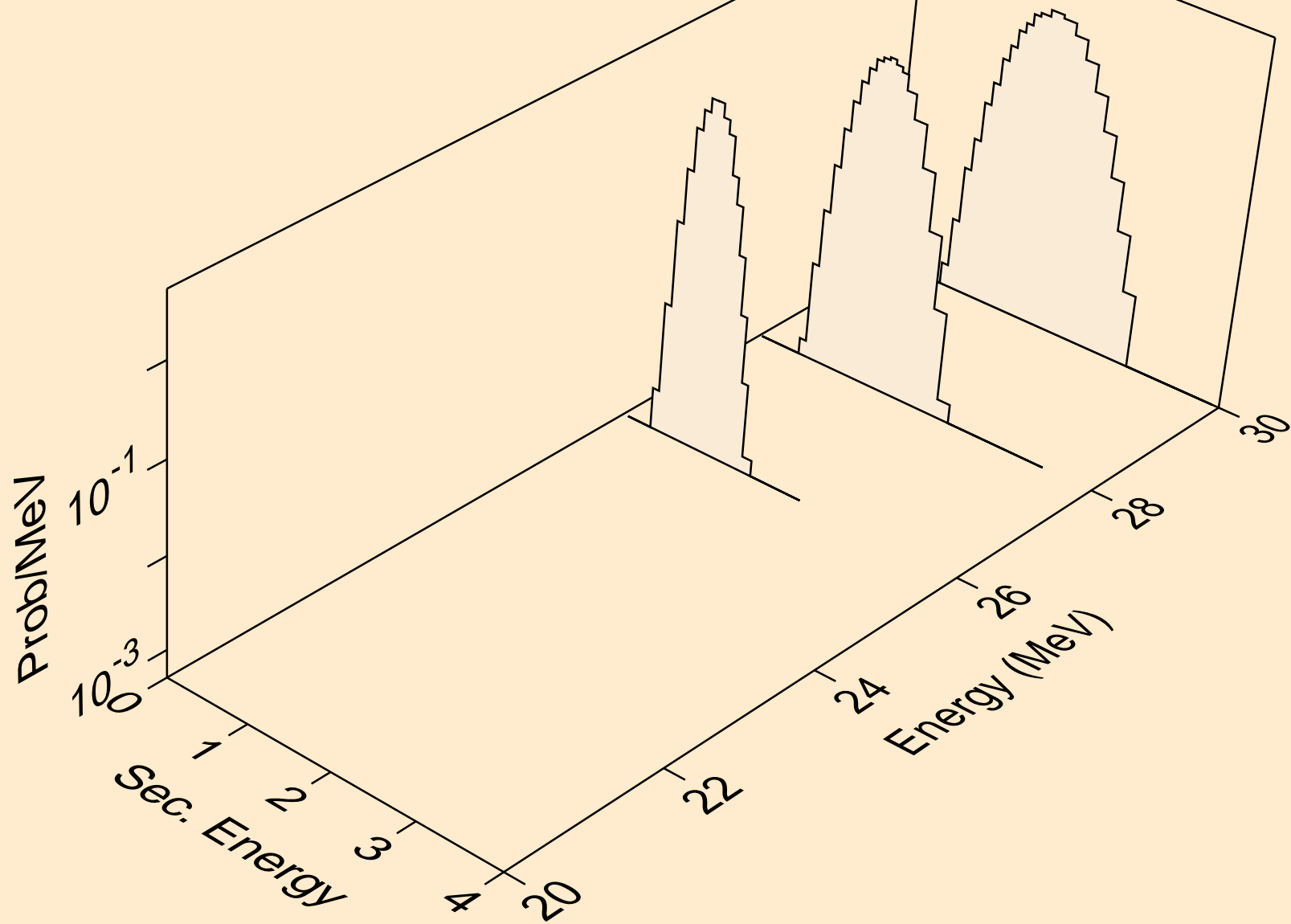




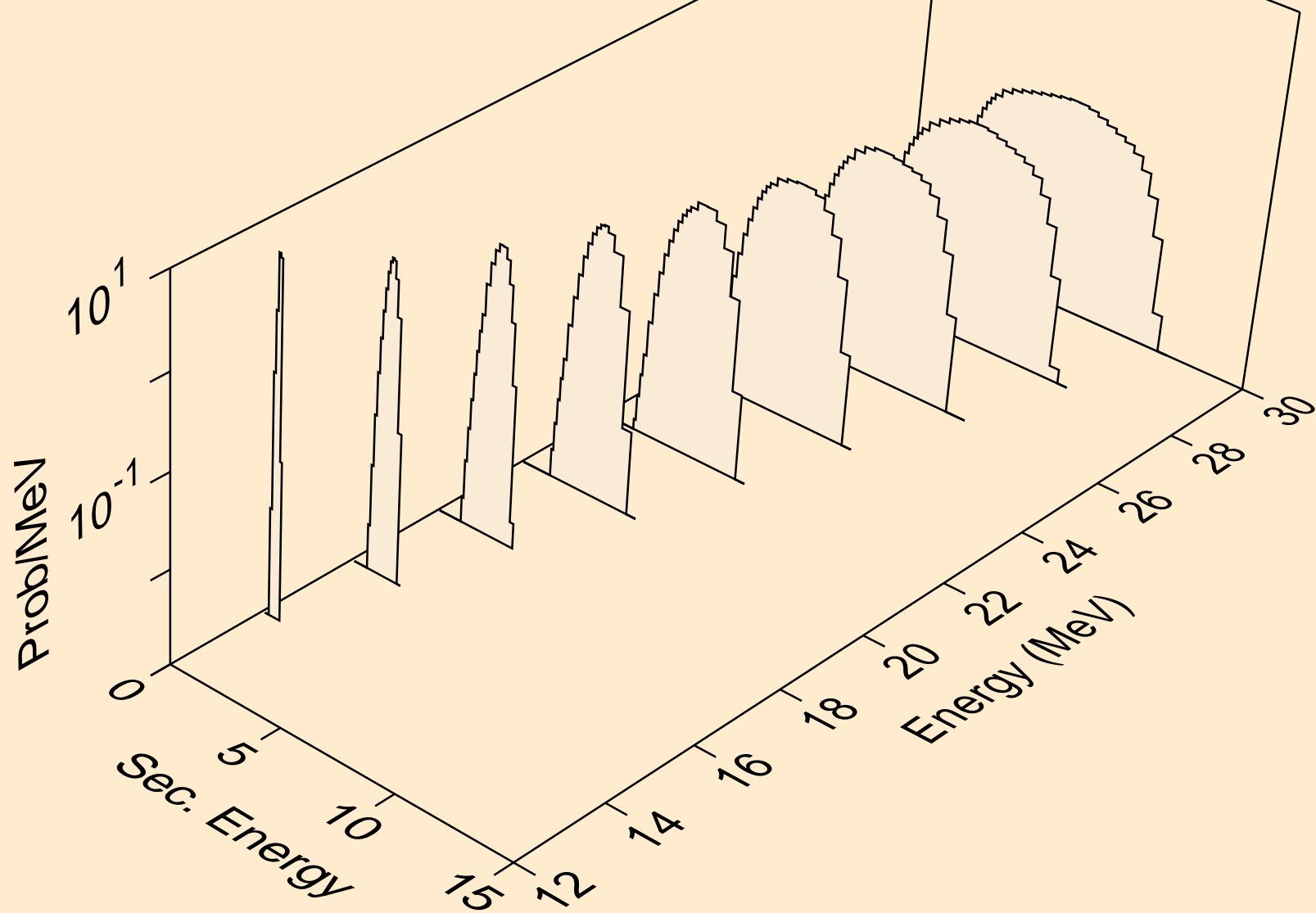
F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2a)



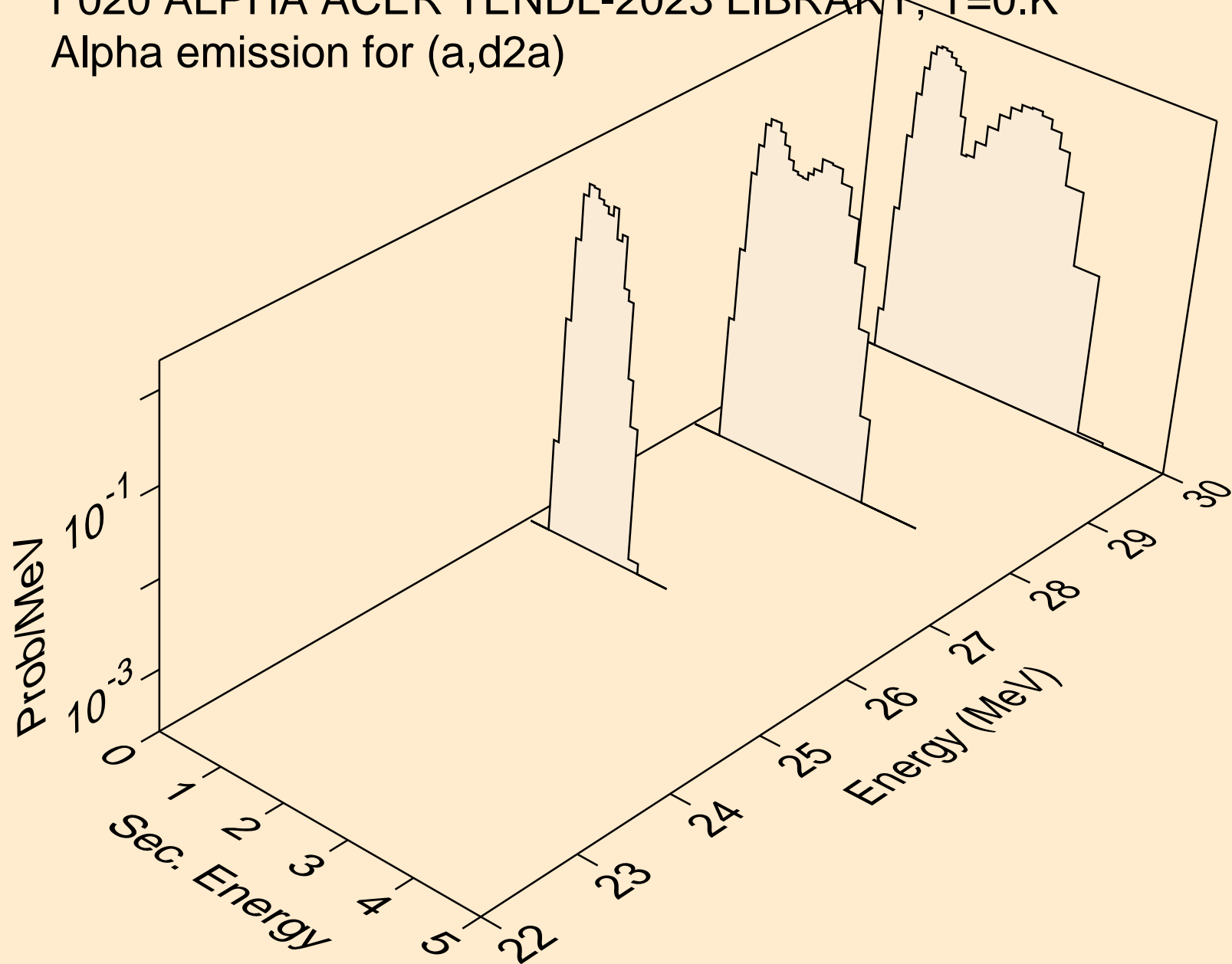
F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,3a)



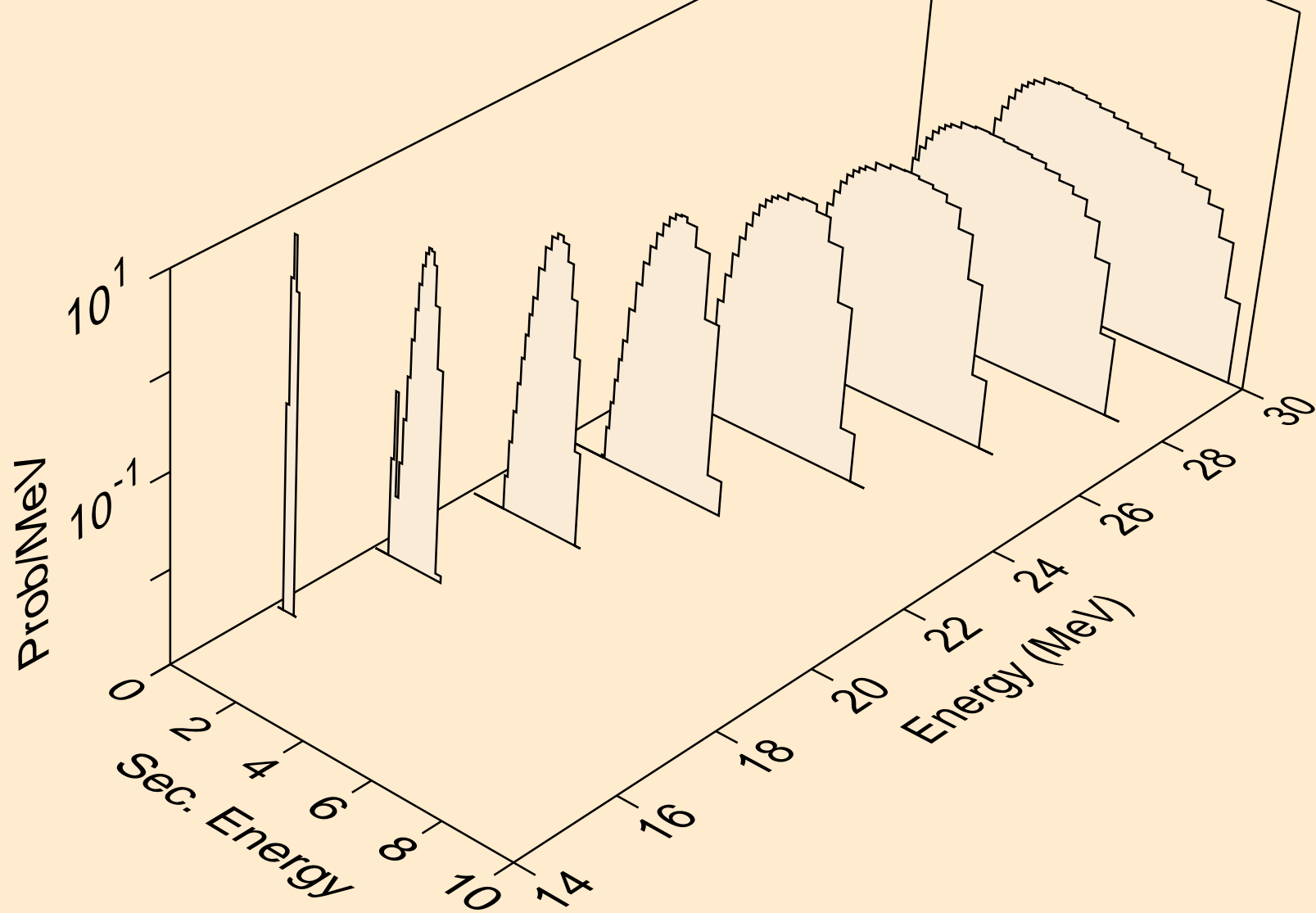
F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,pa)



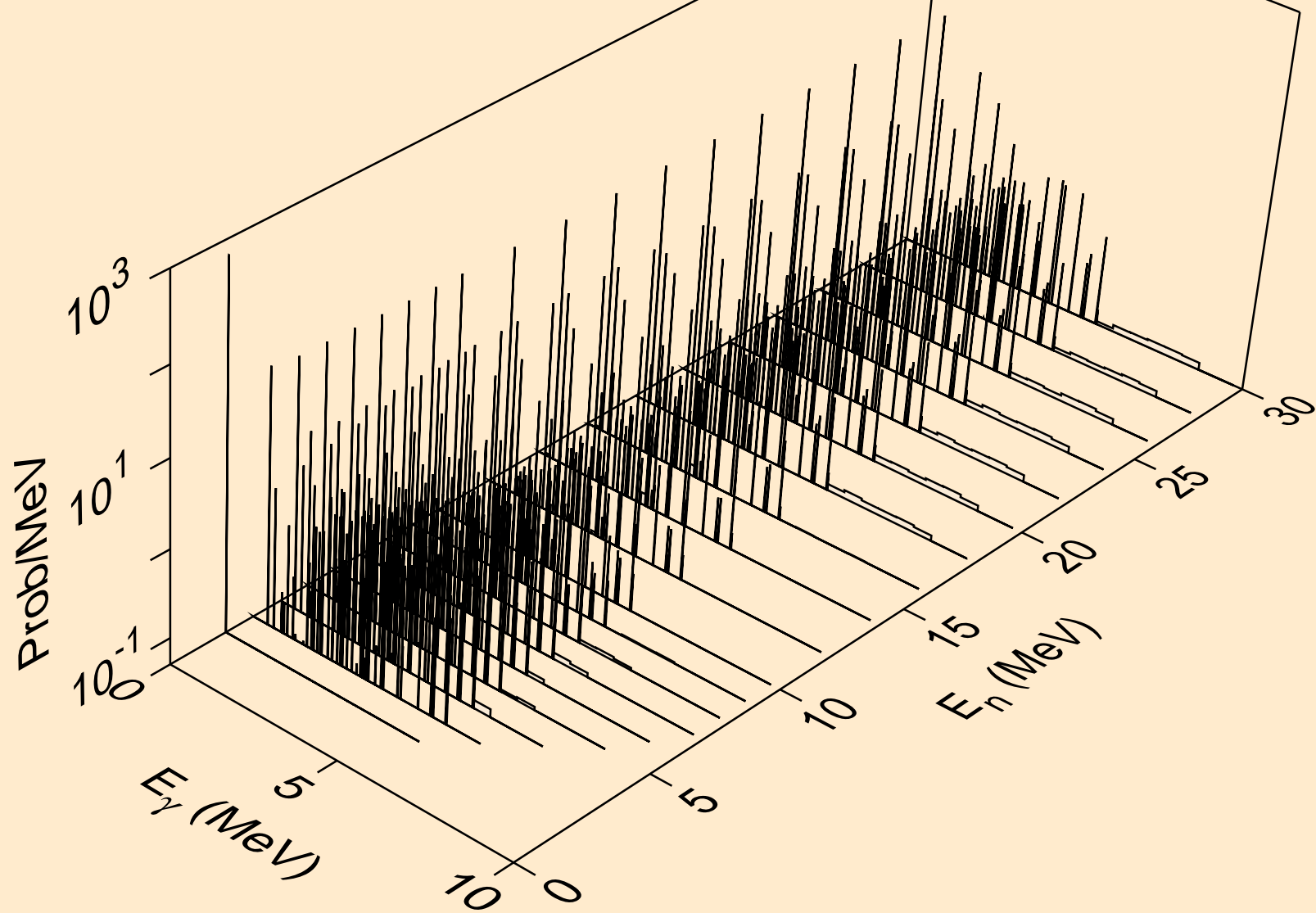
F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,d2a)



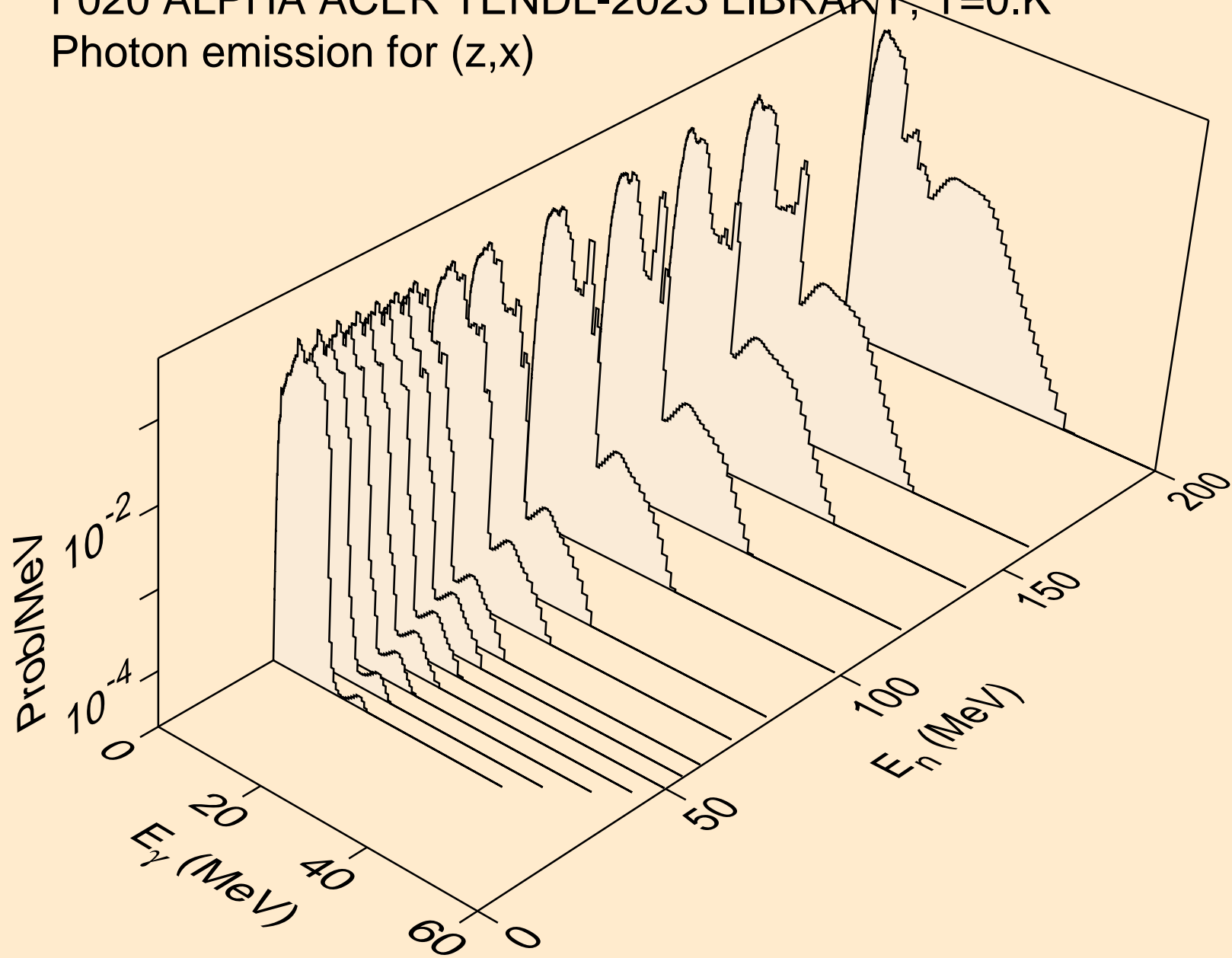
F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,da)



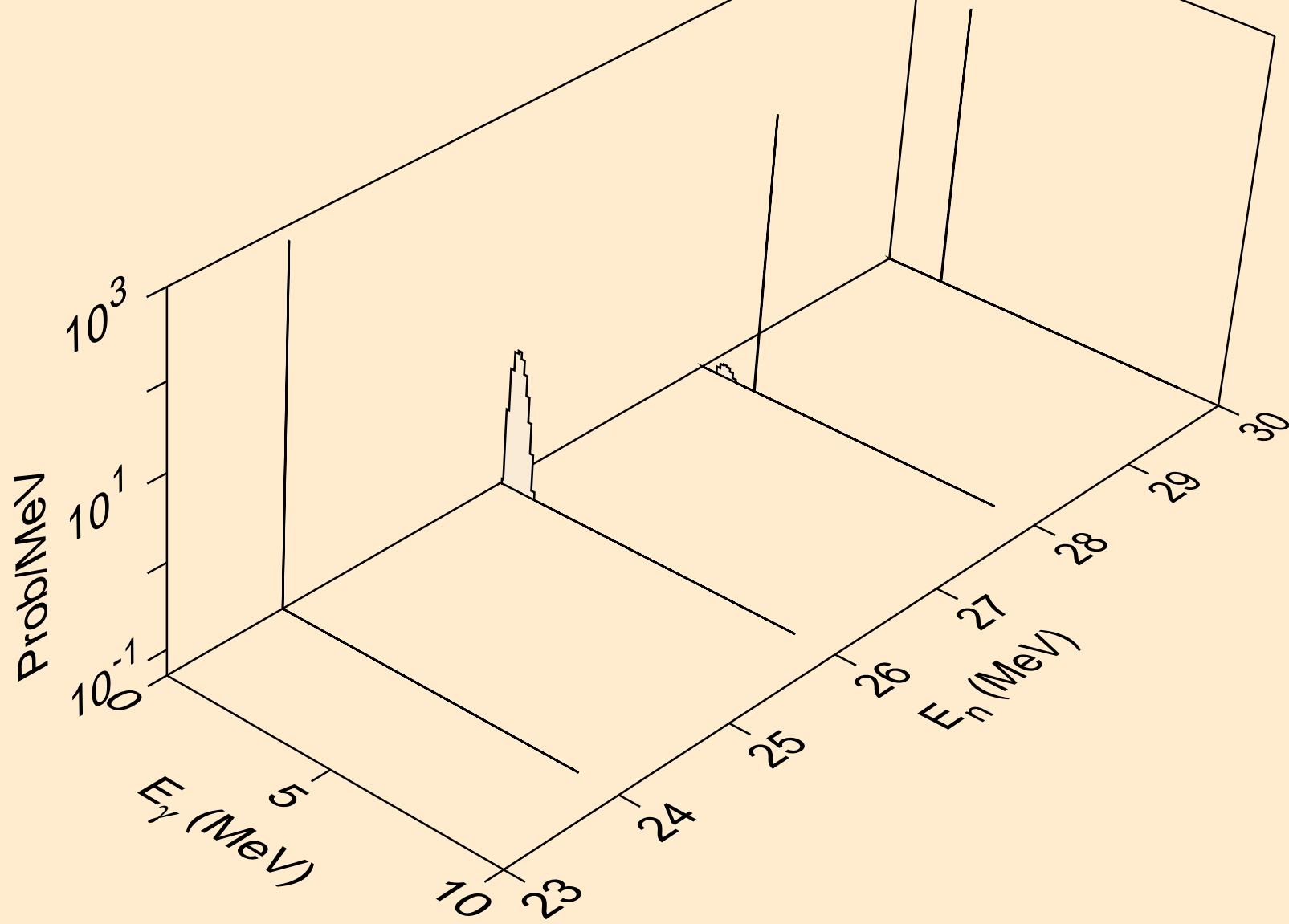
F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)

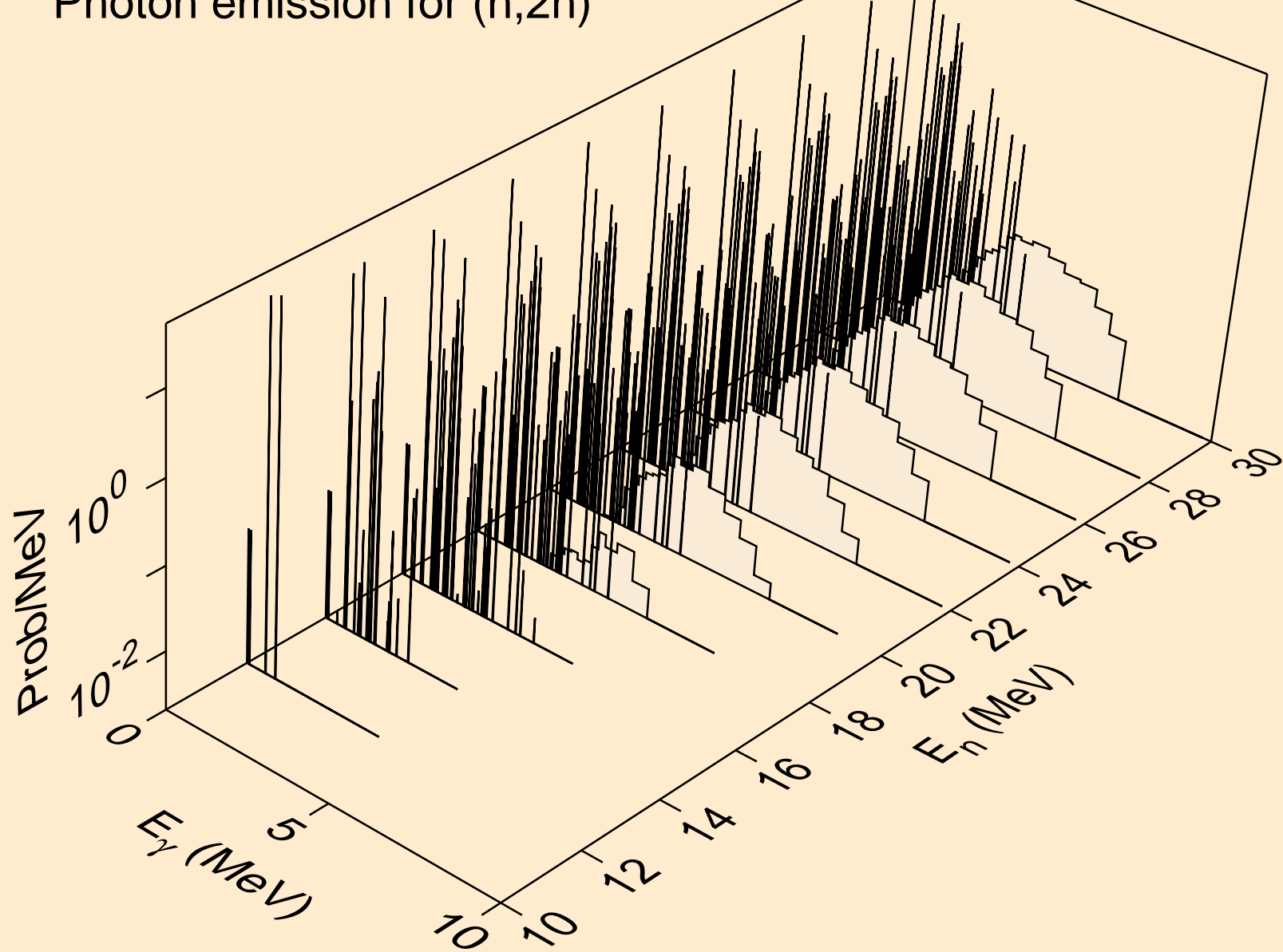


F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)

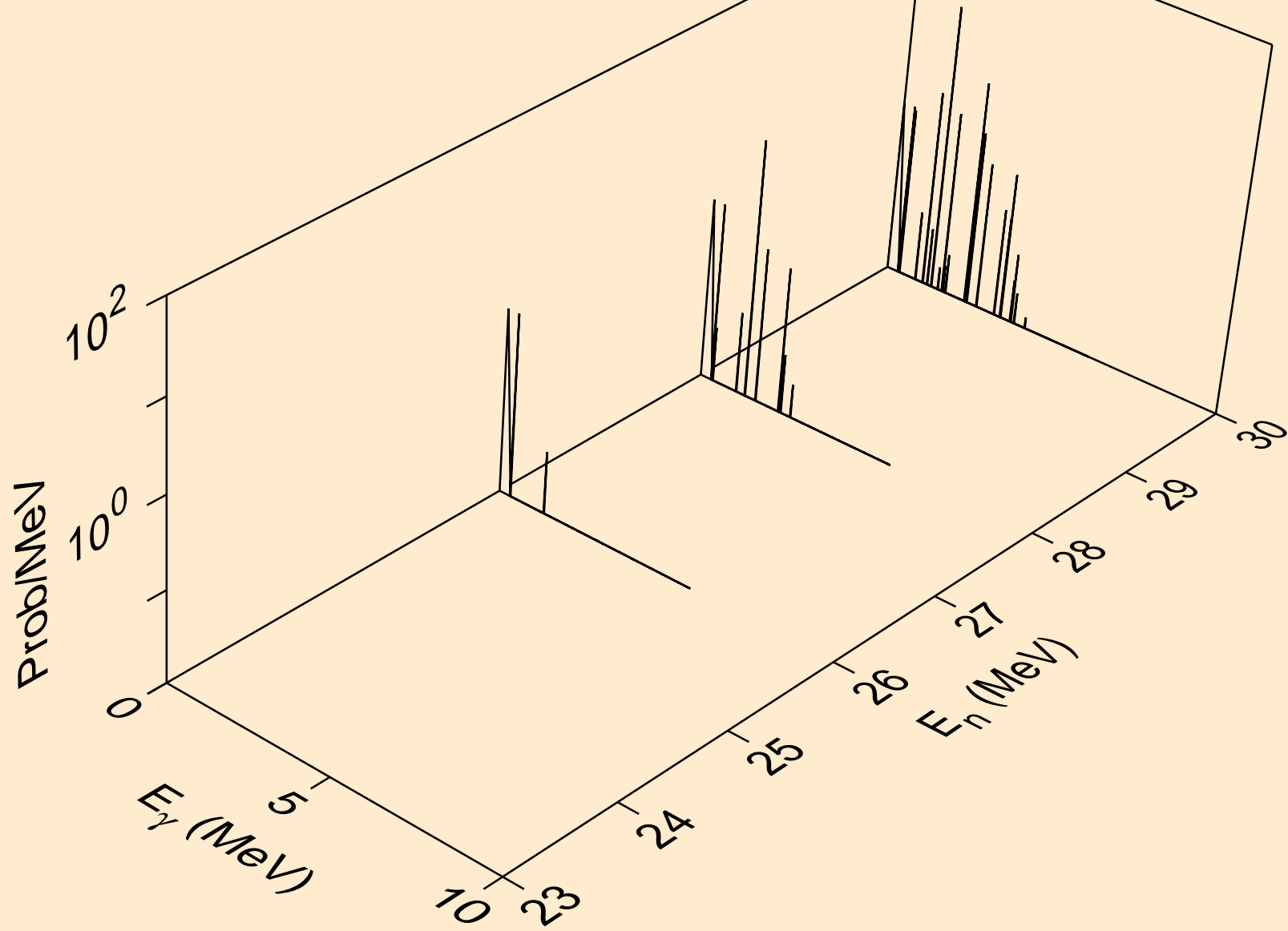




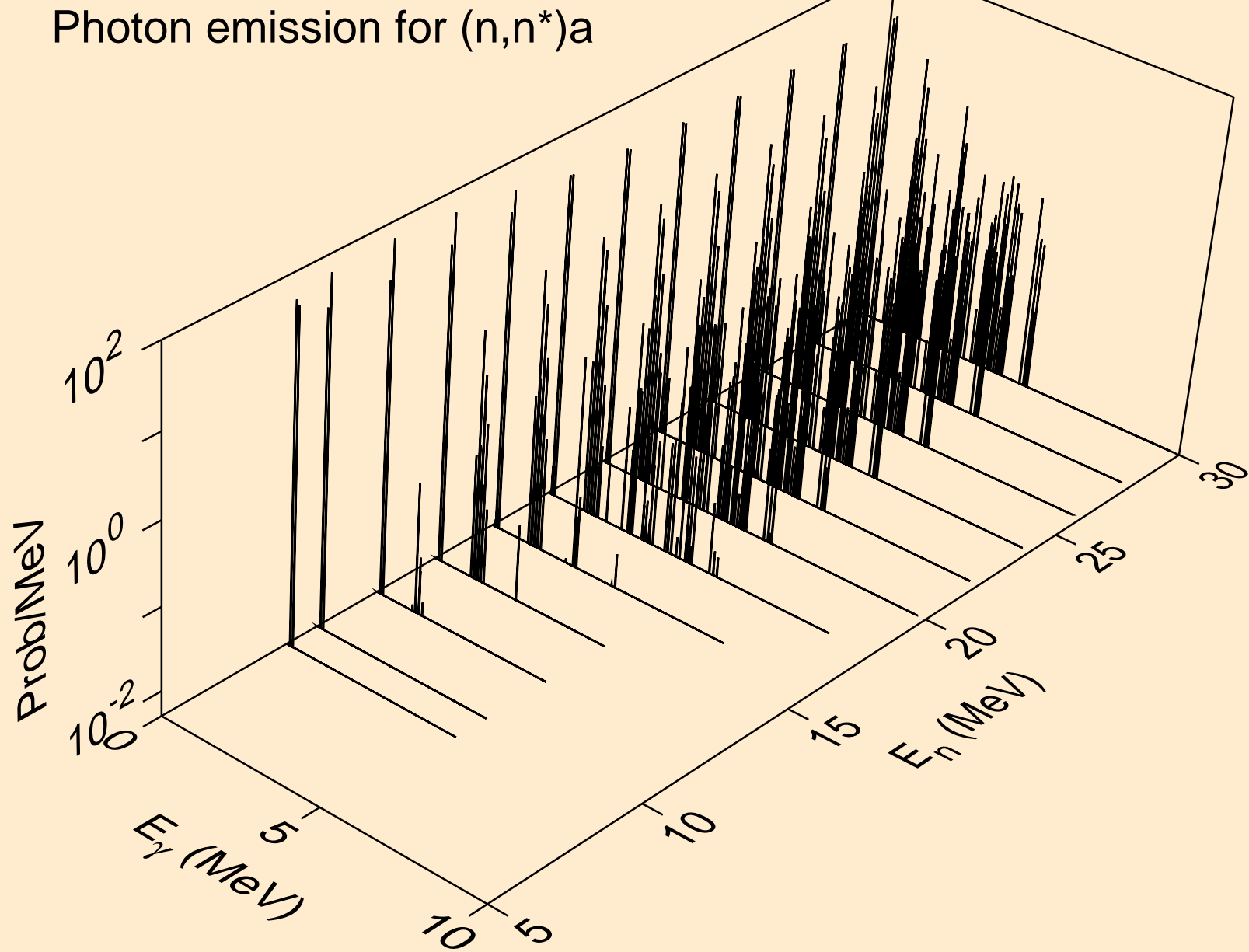
F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



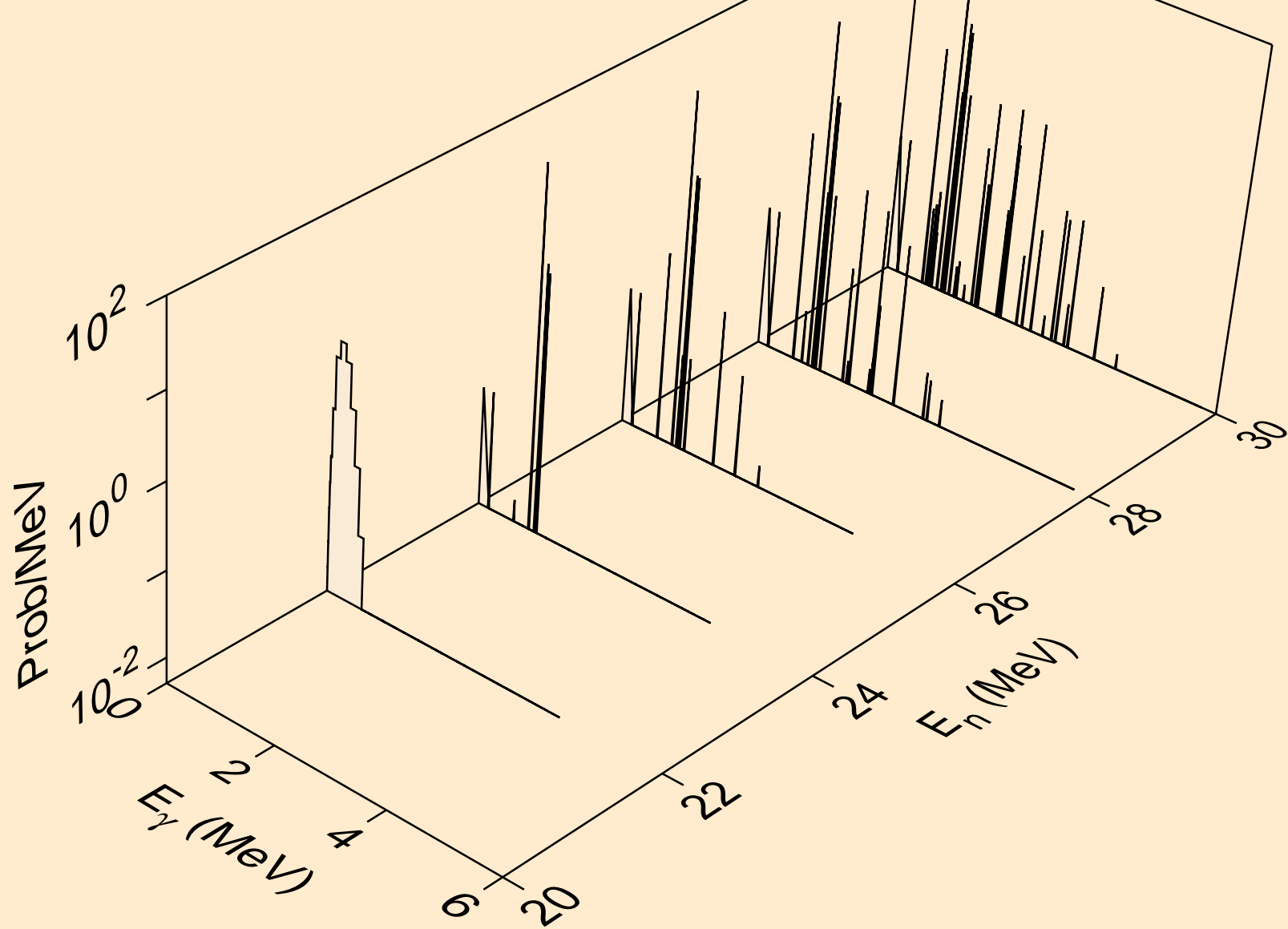
F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



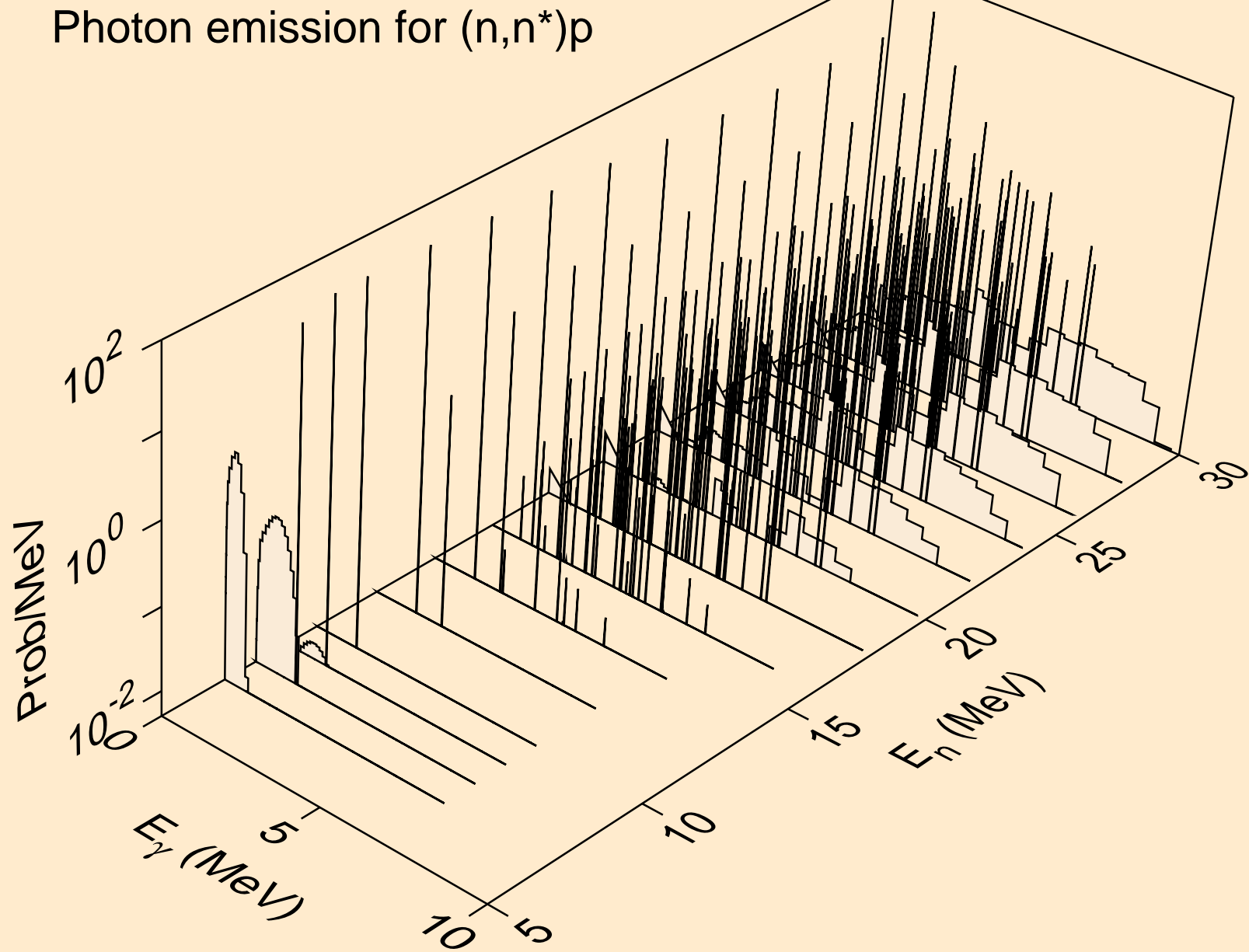
F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



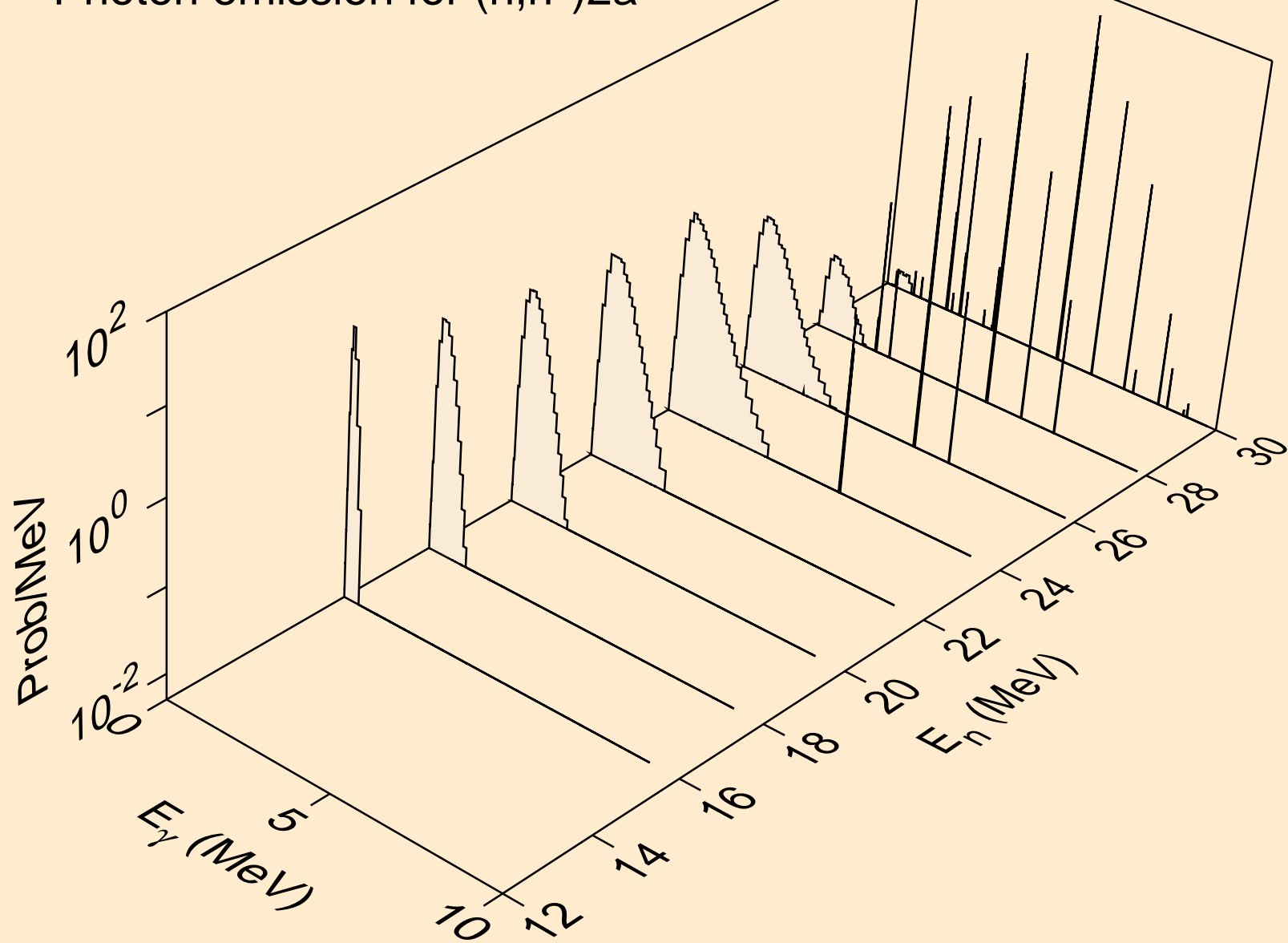
F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



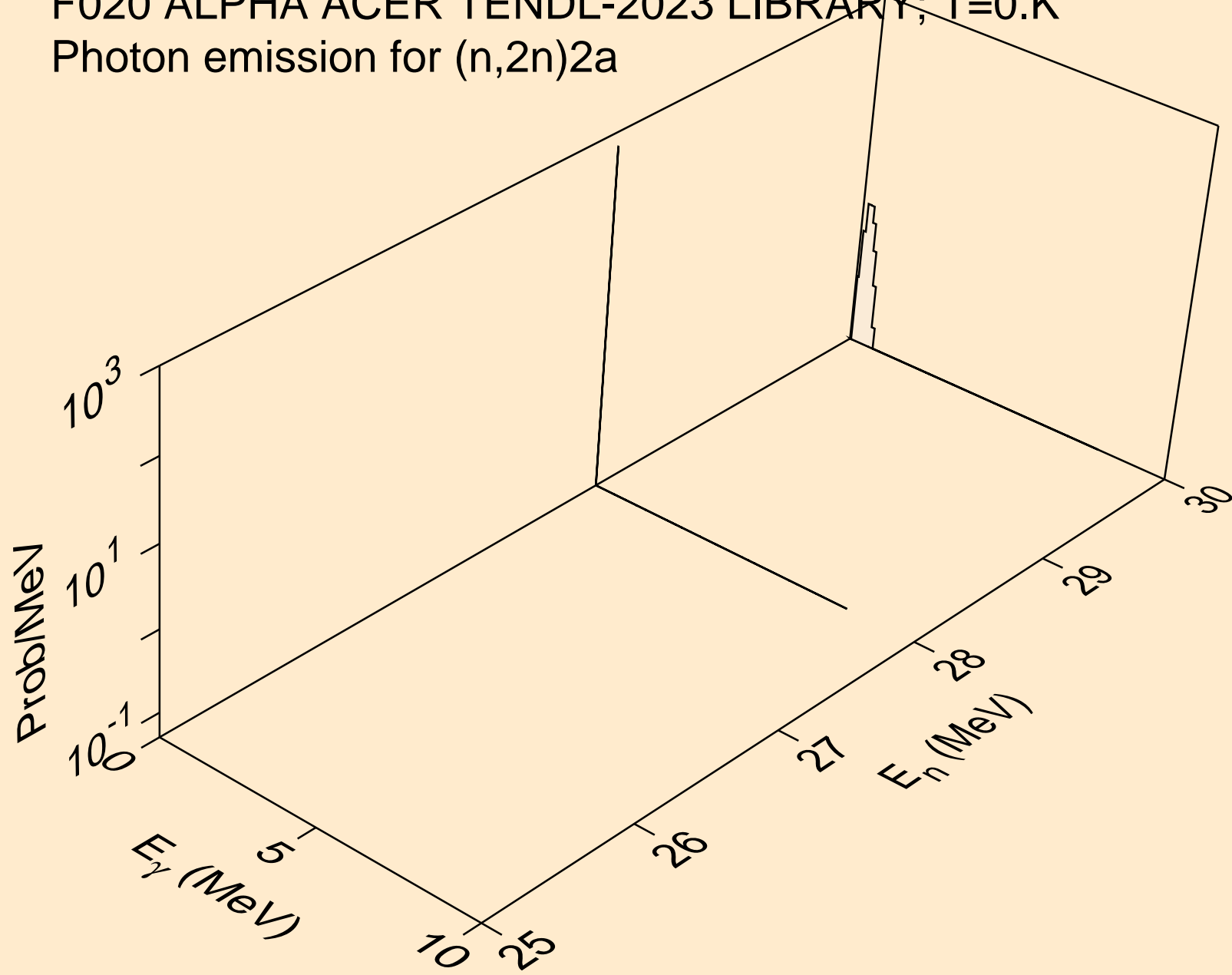
F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



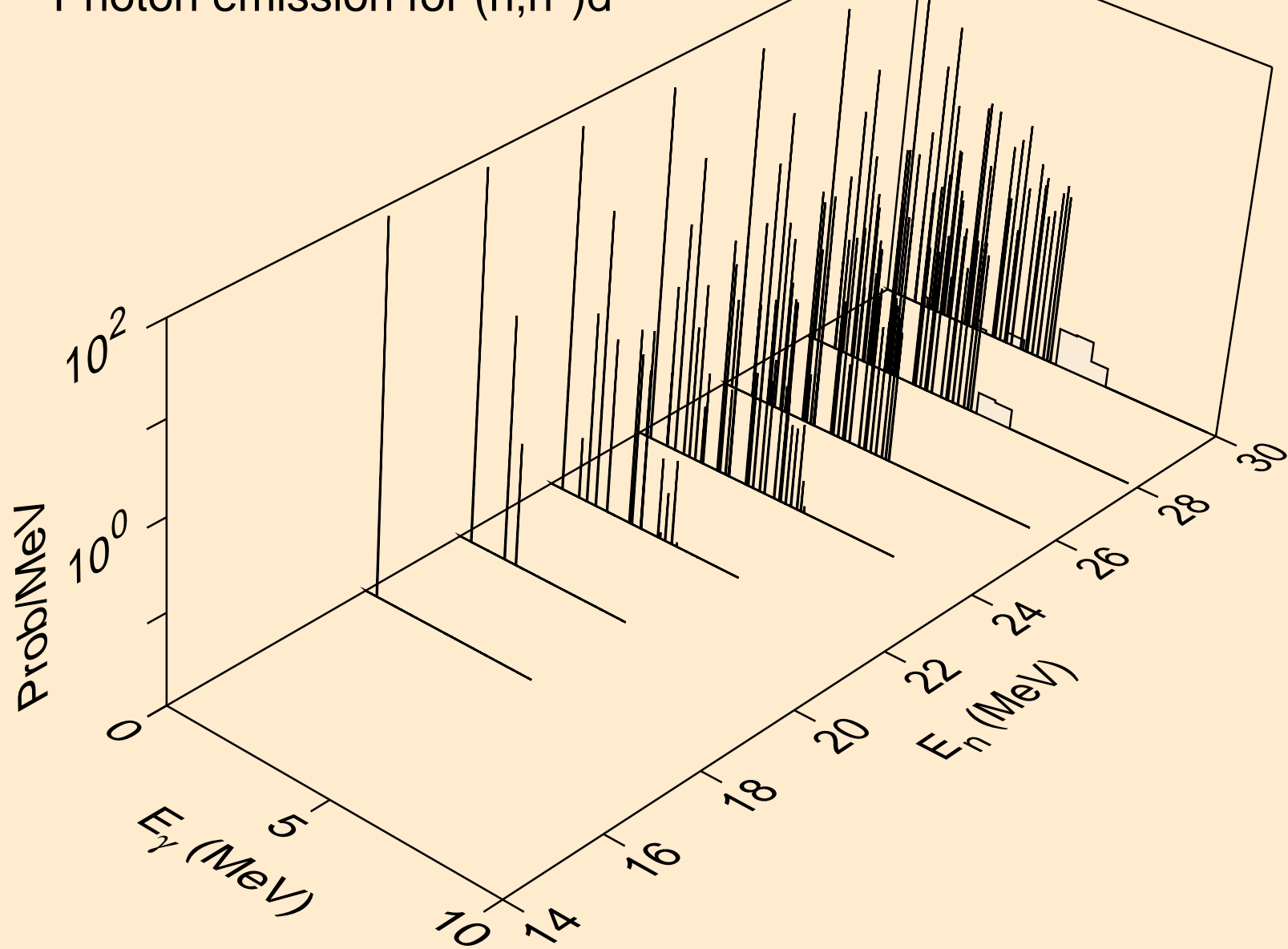
F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)2a

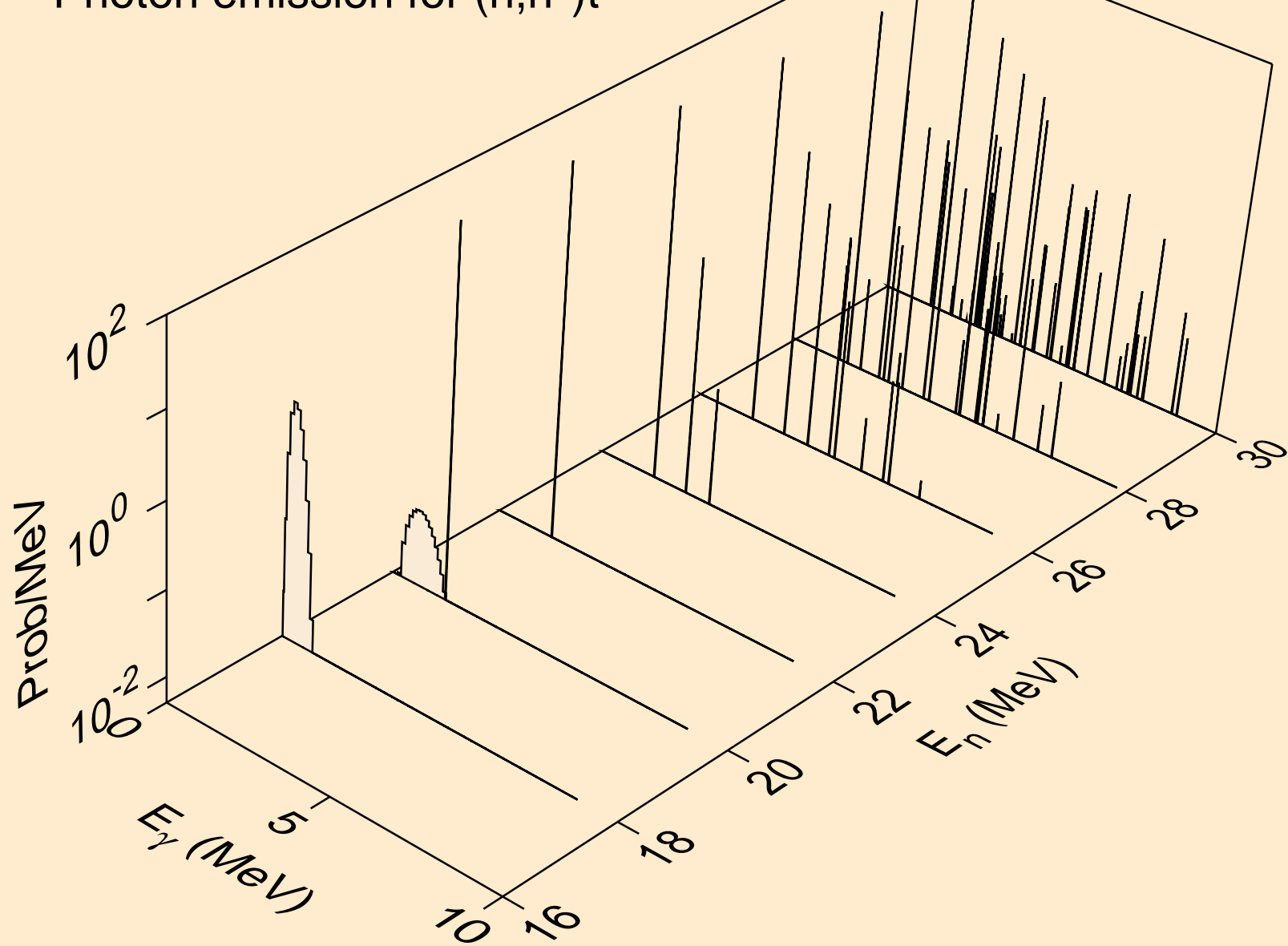


F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d

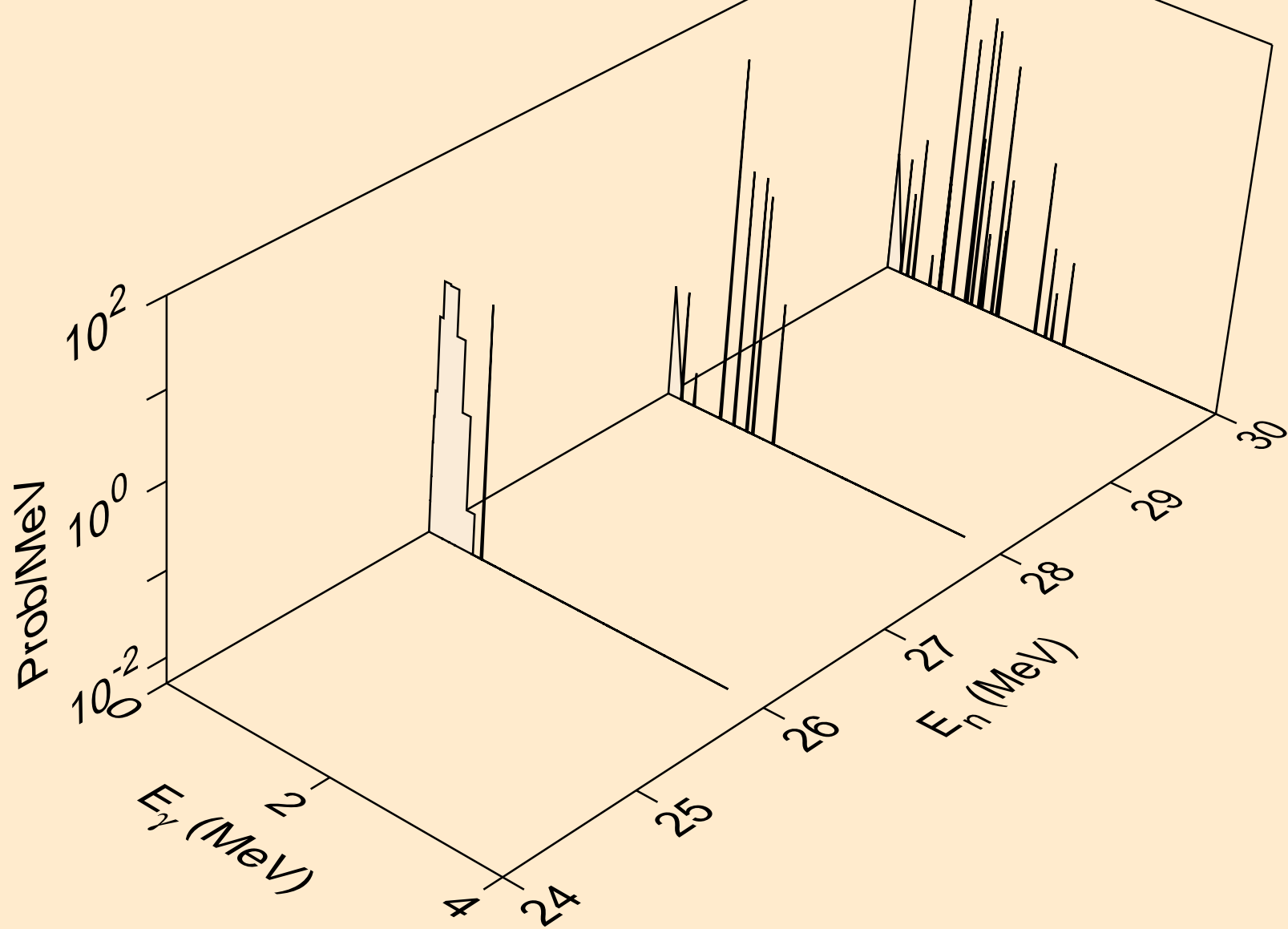




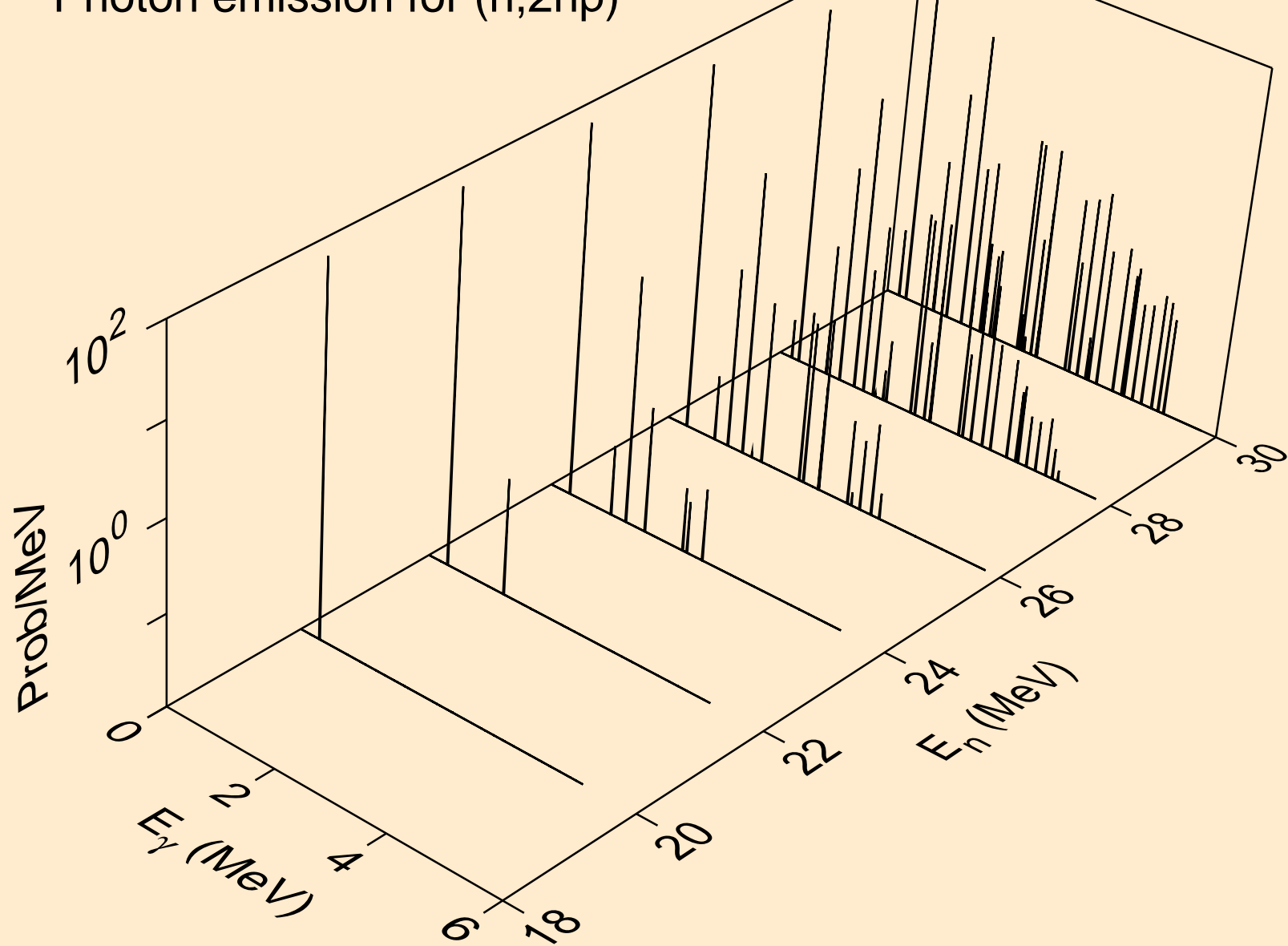
F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



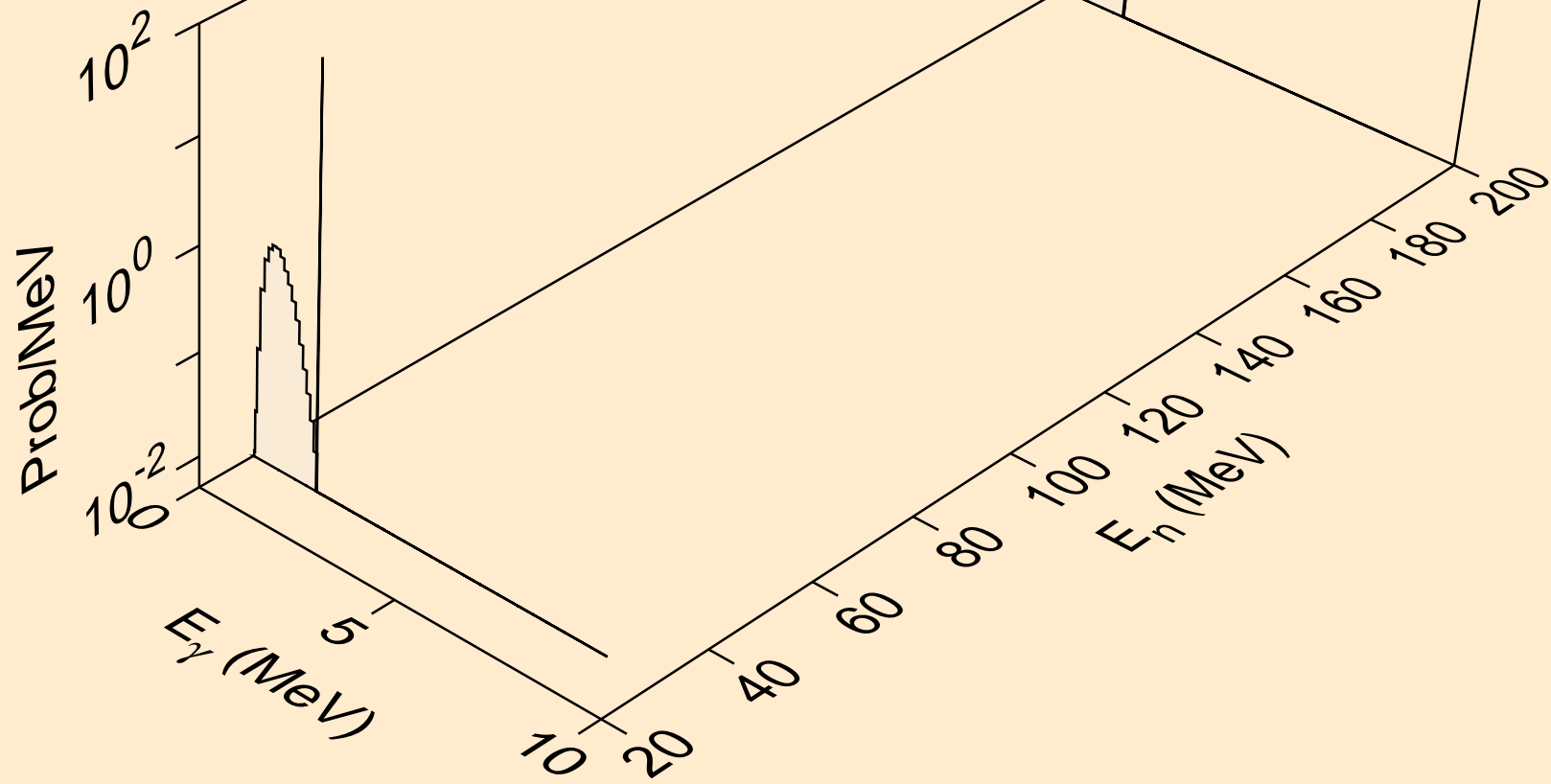
F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



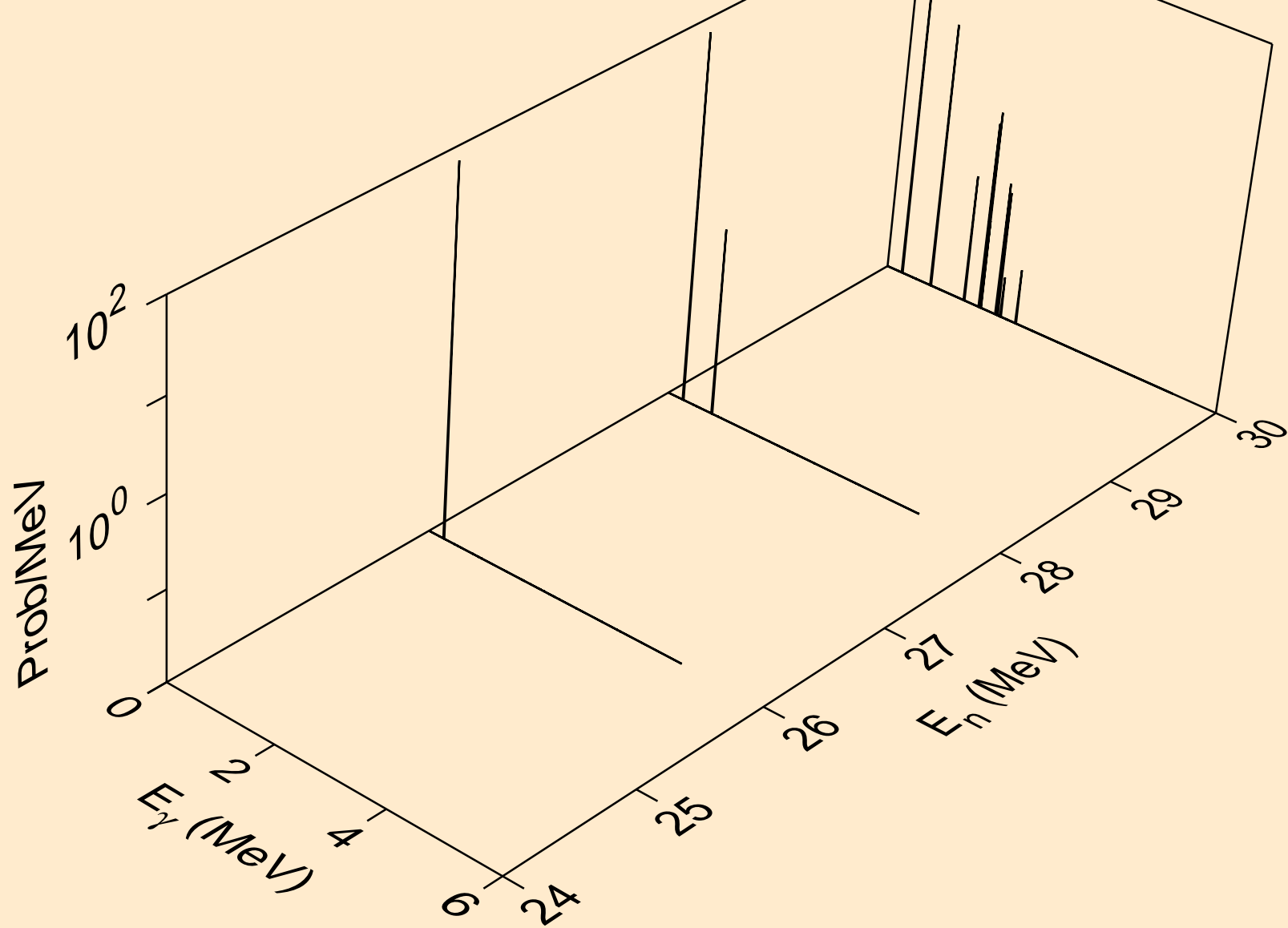
F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2np)



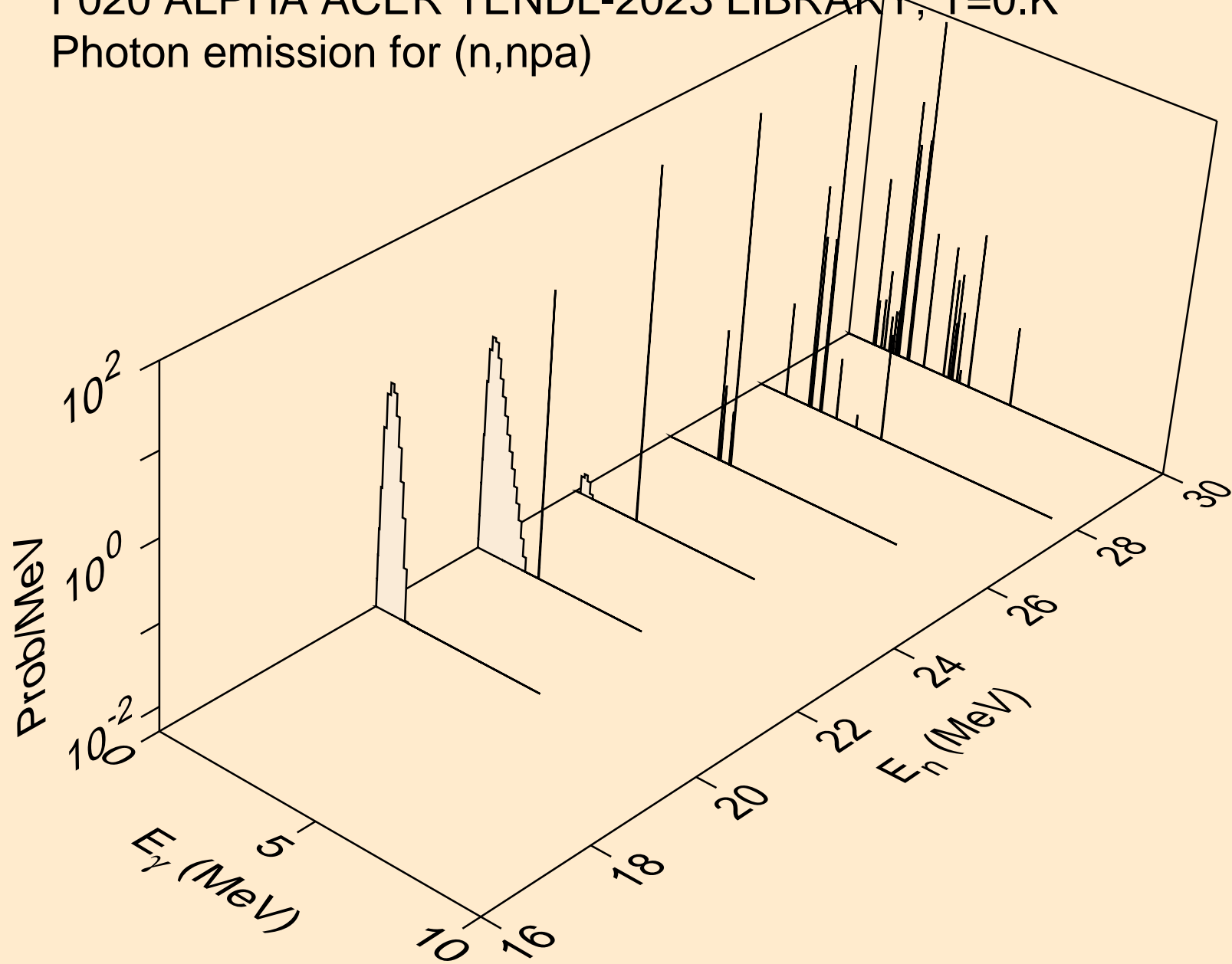
F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



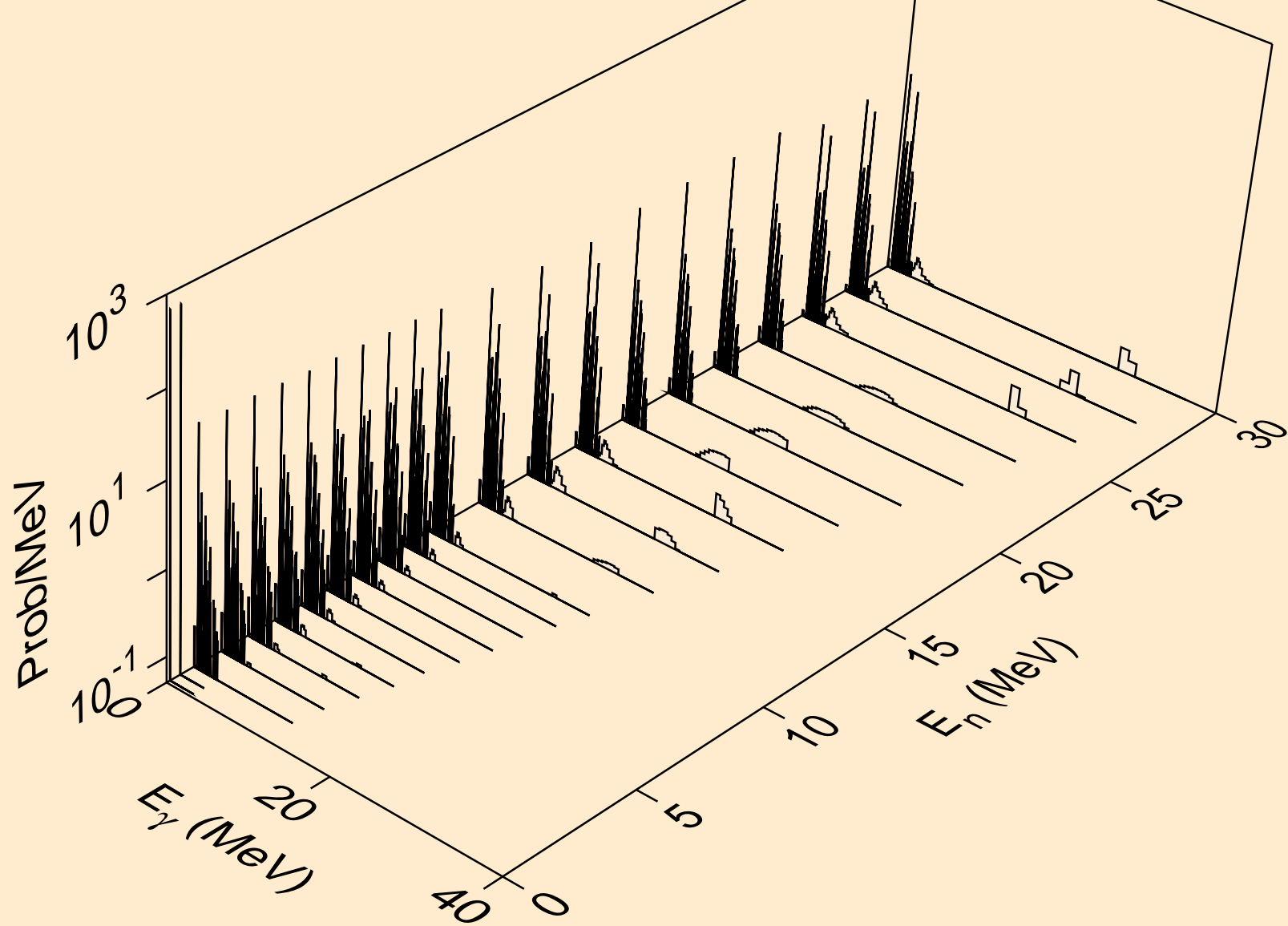
F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



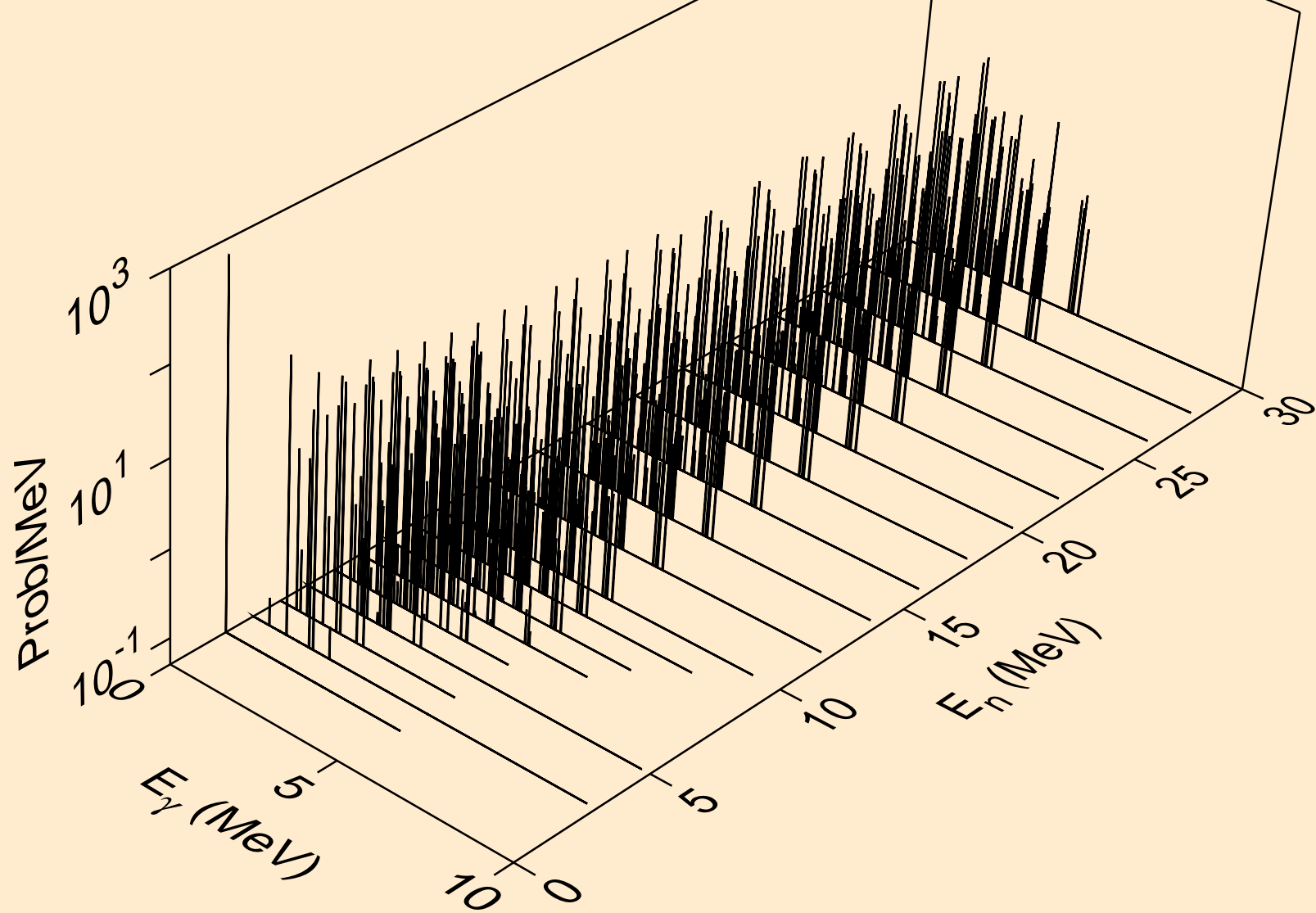
F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)

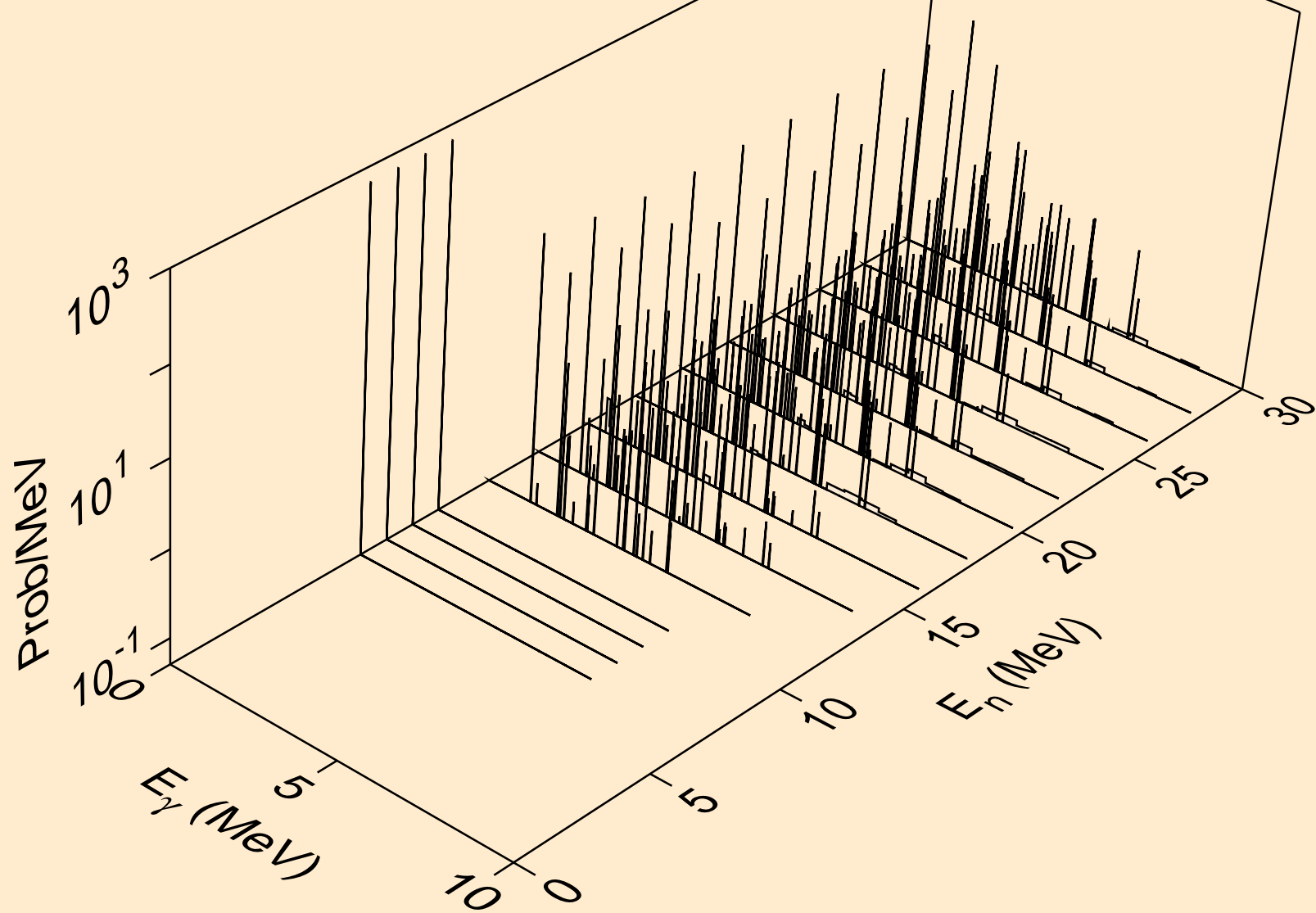


F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)

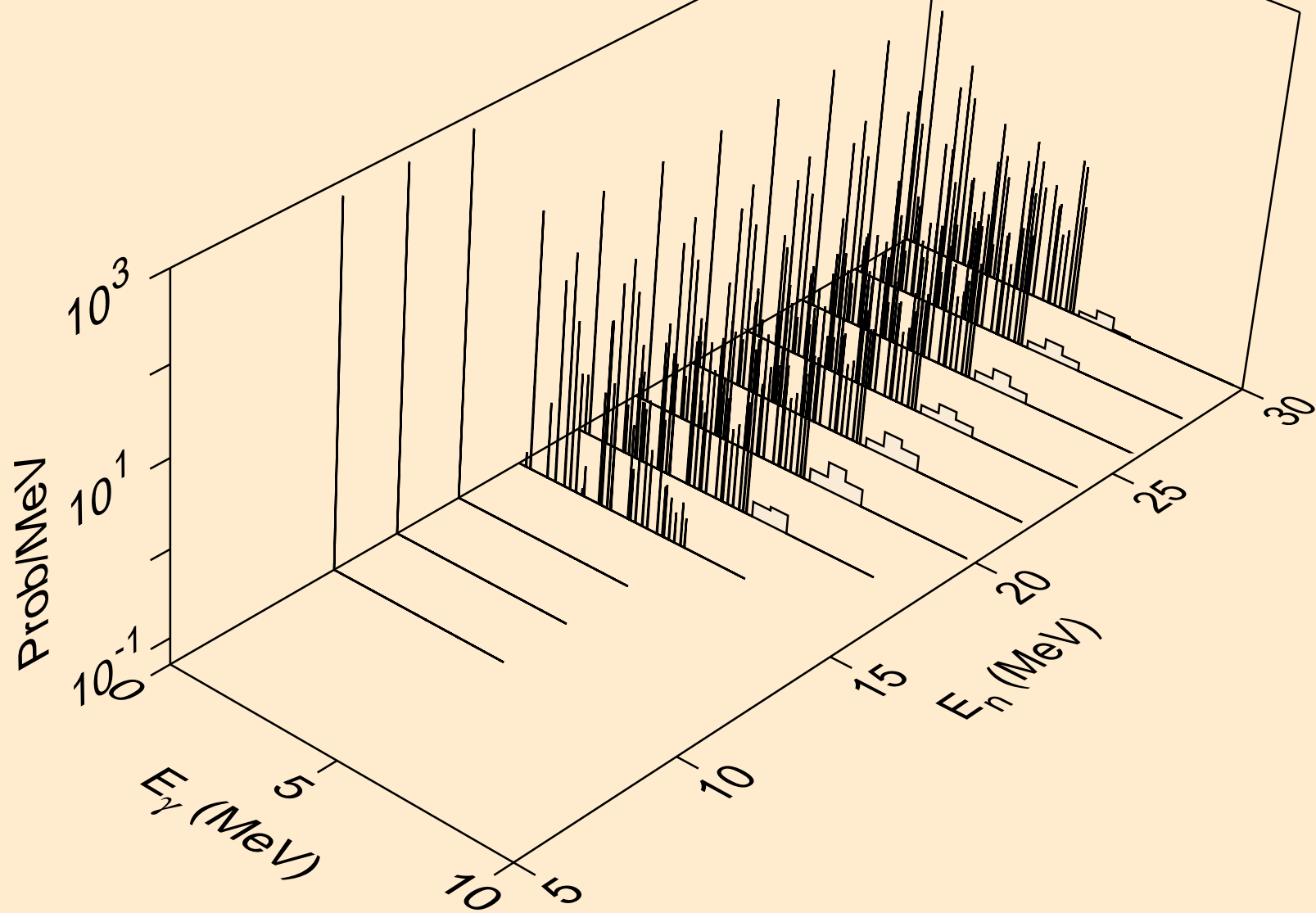




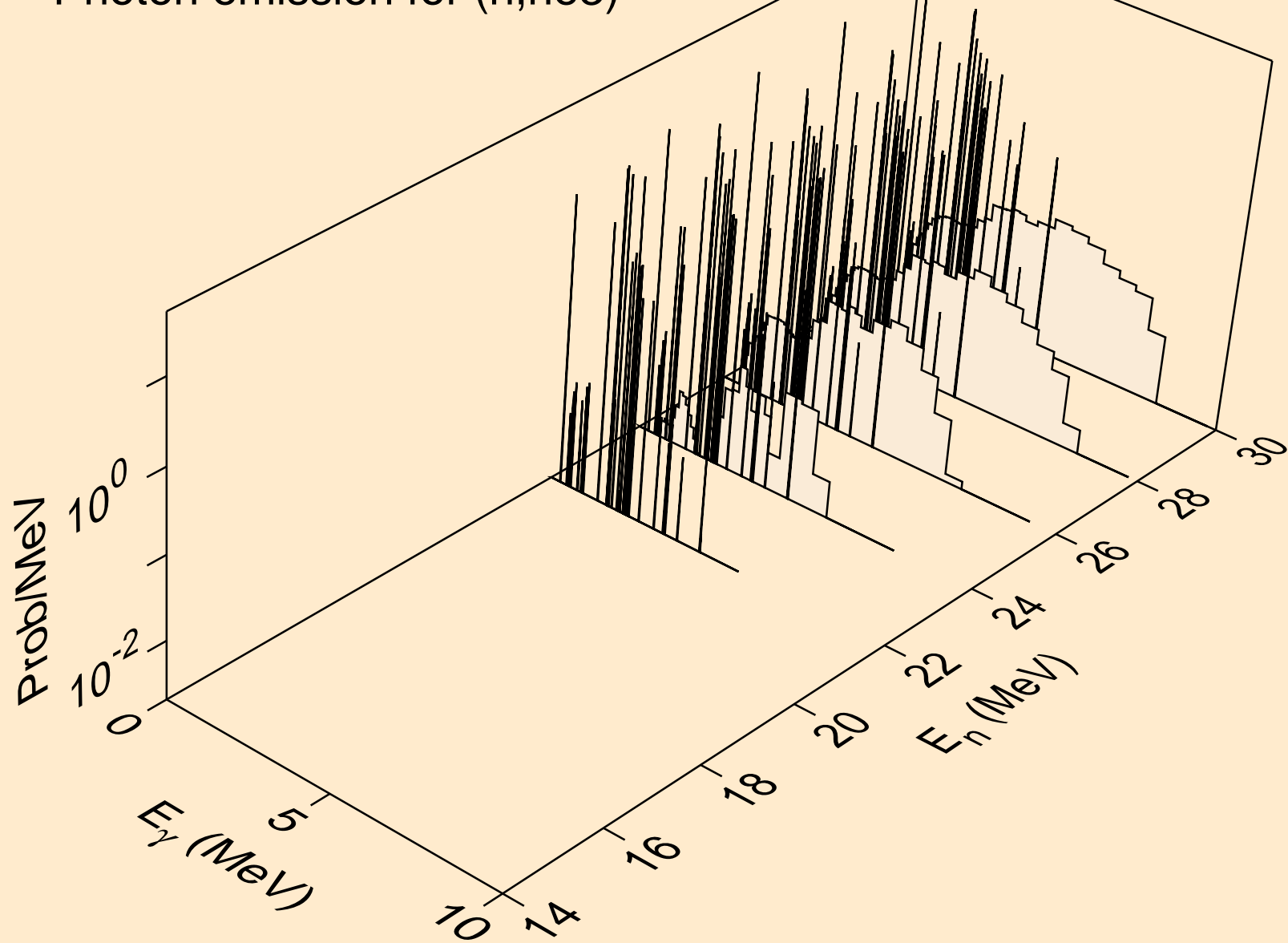
F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



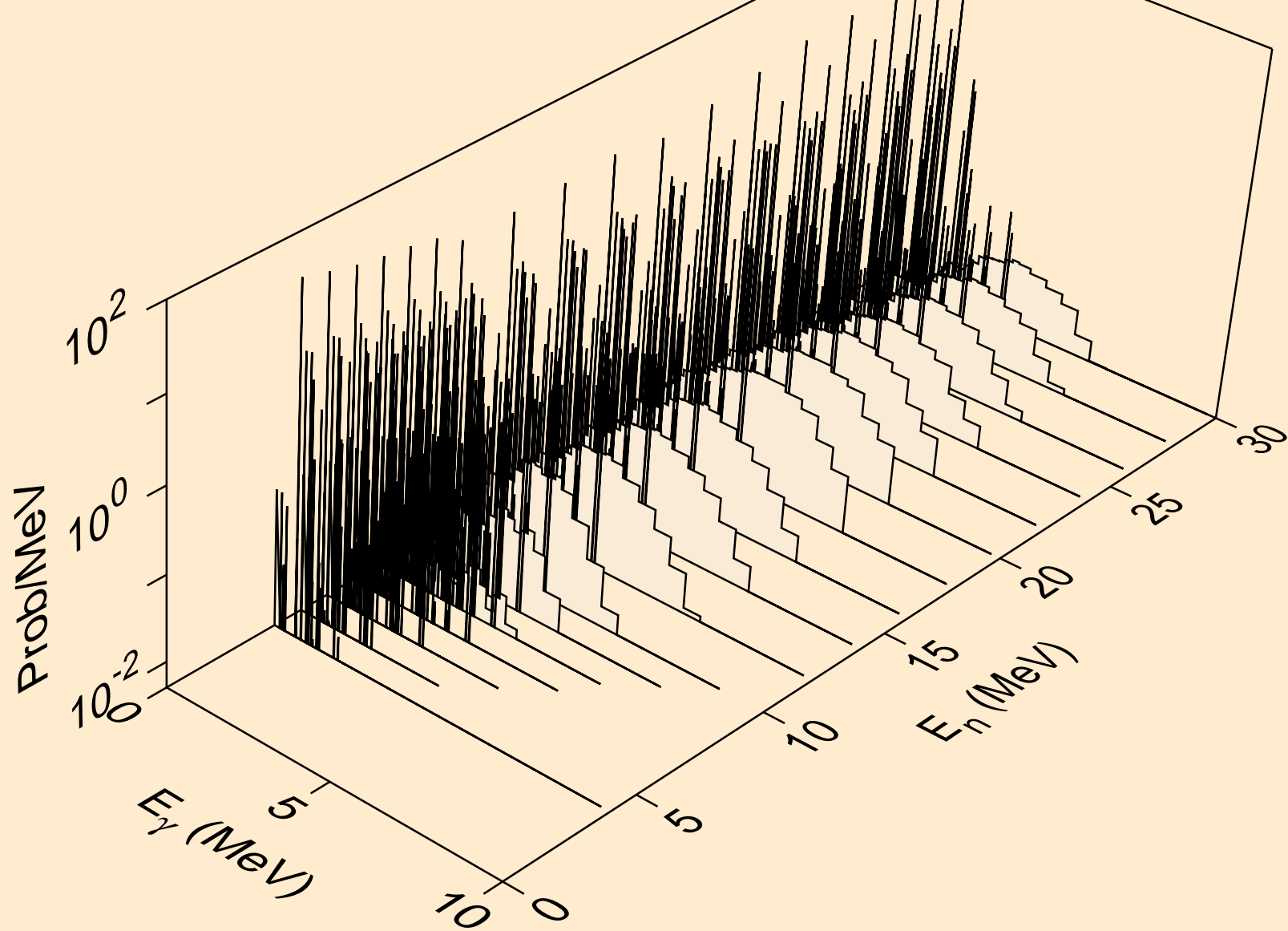
F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



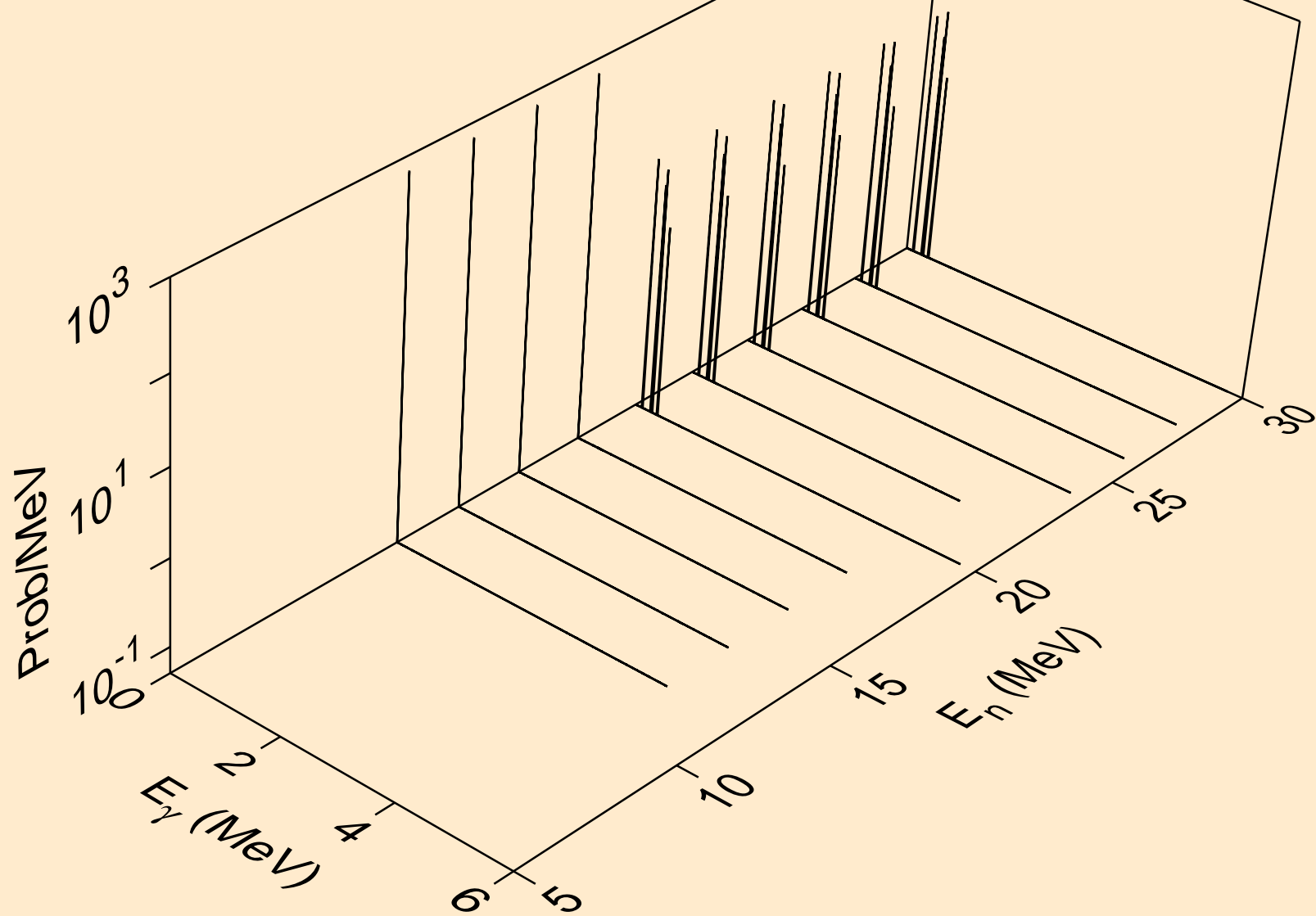
F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



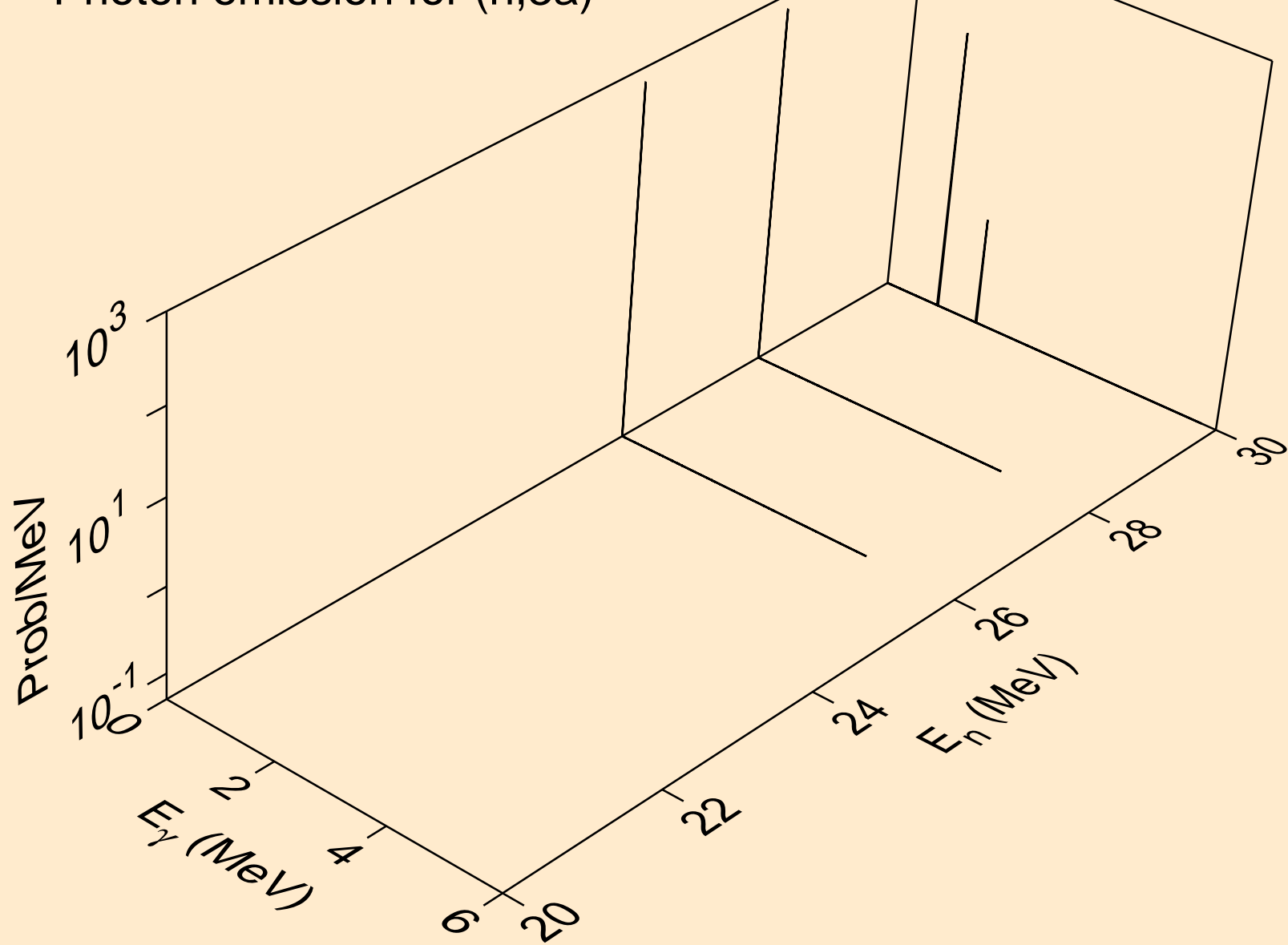
F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



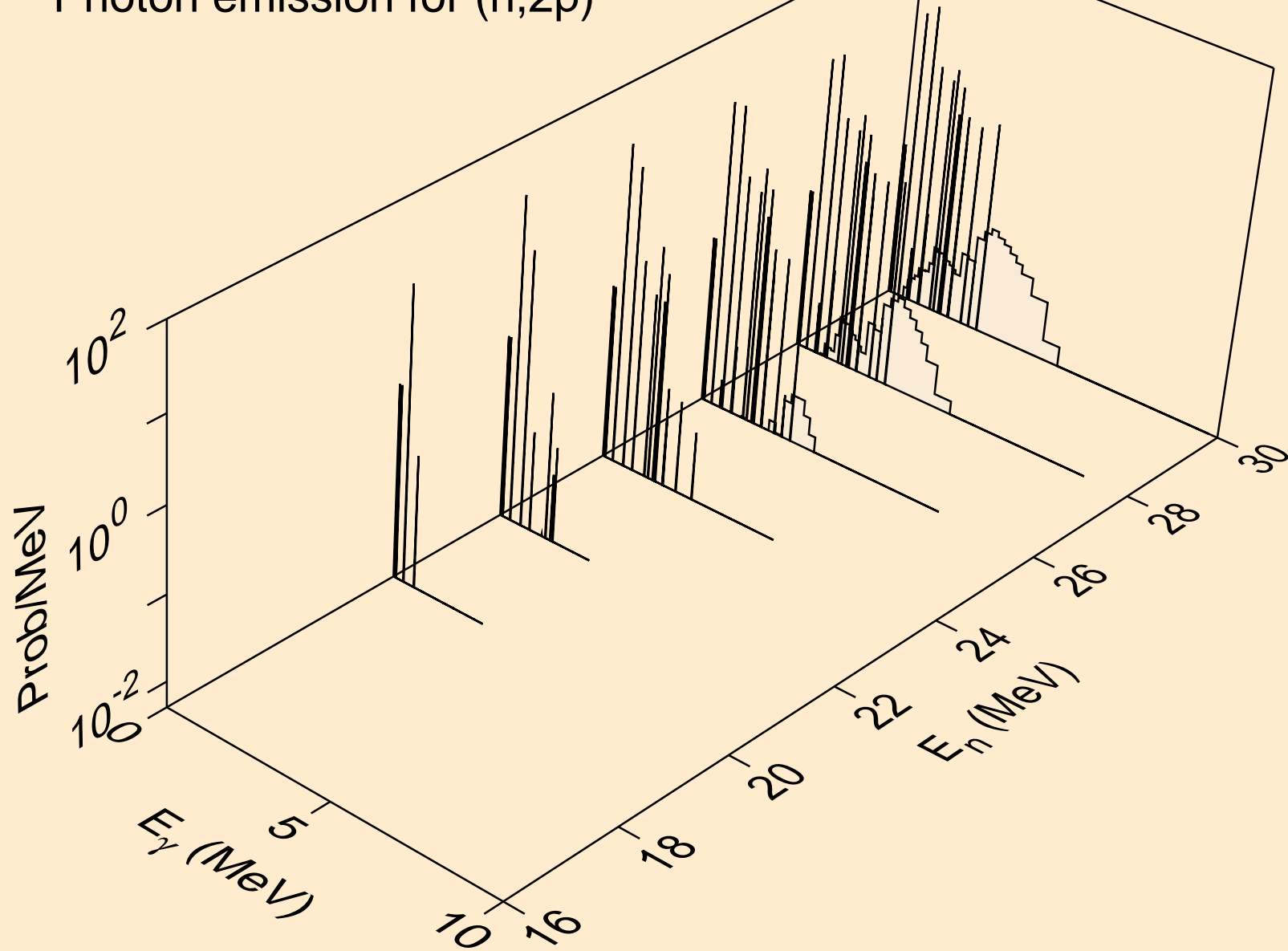
F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



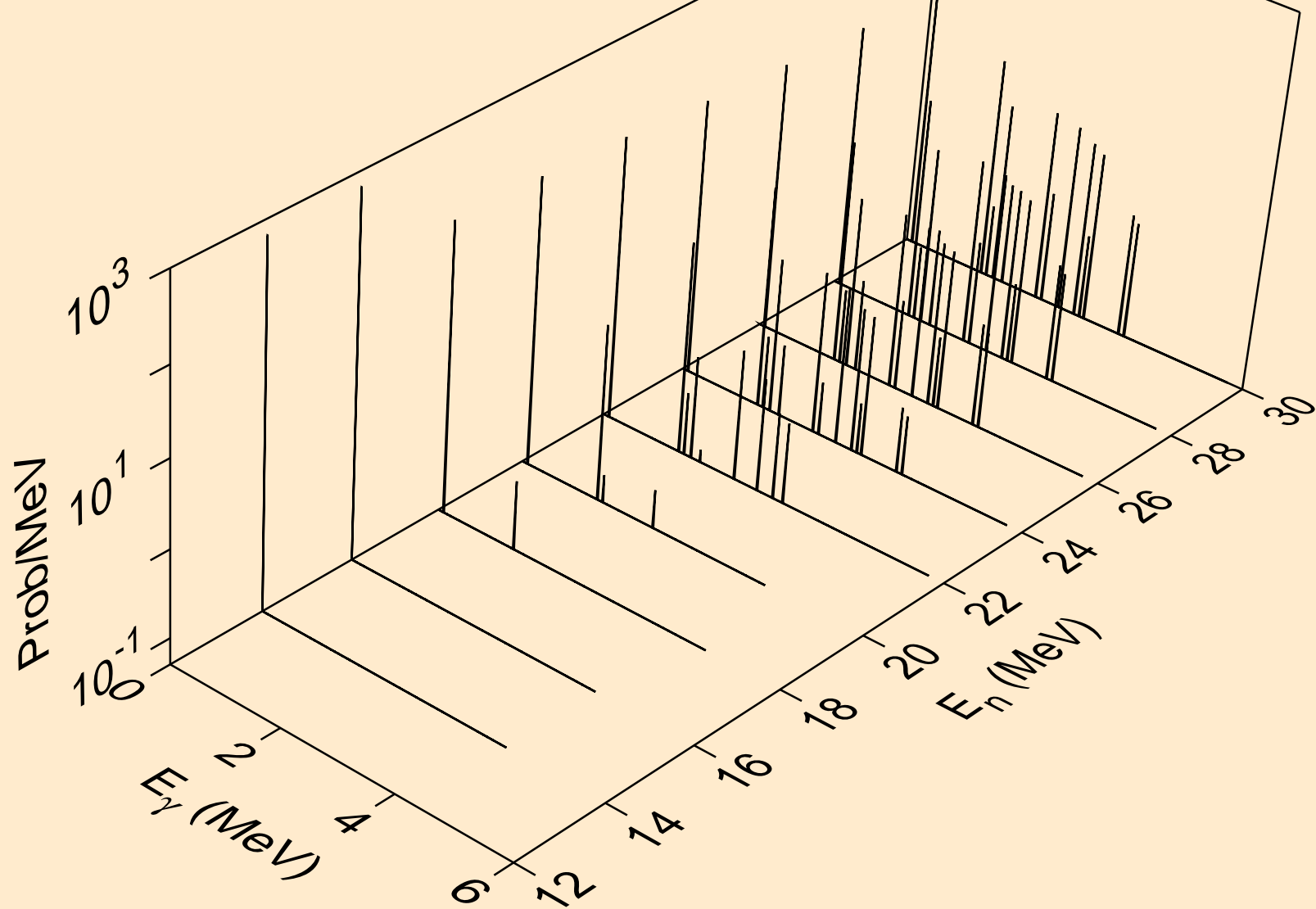
F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3a)



F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)

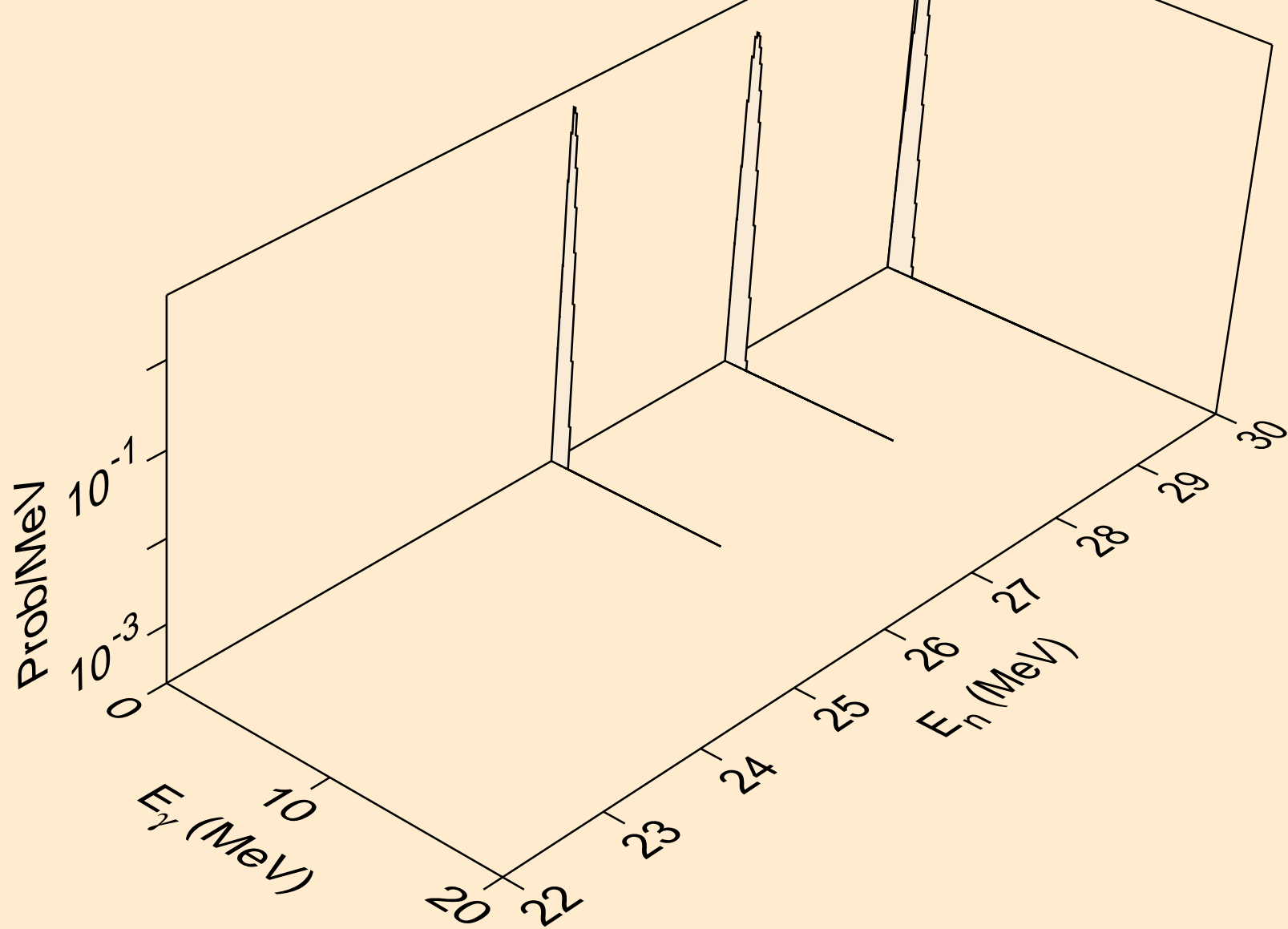


F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)

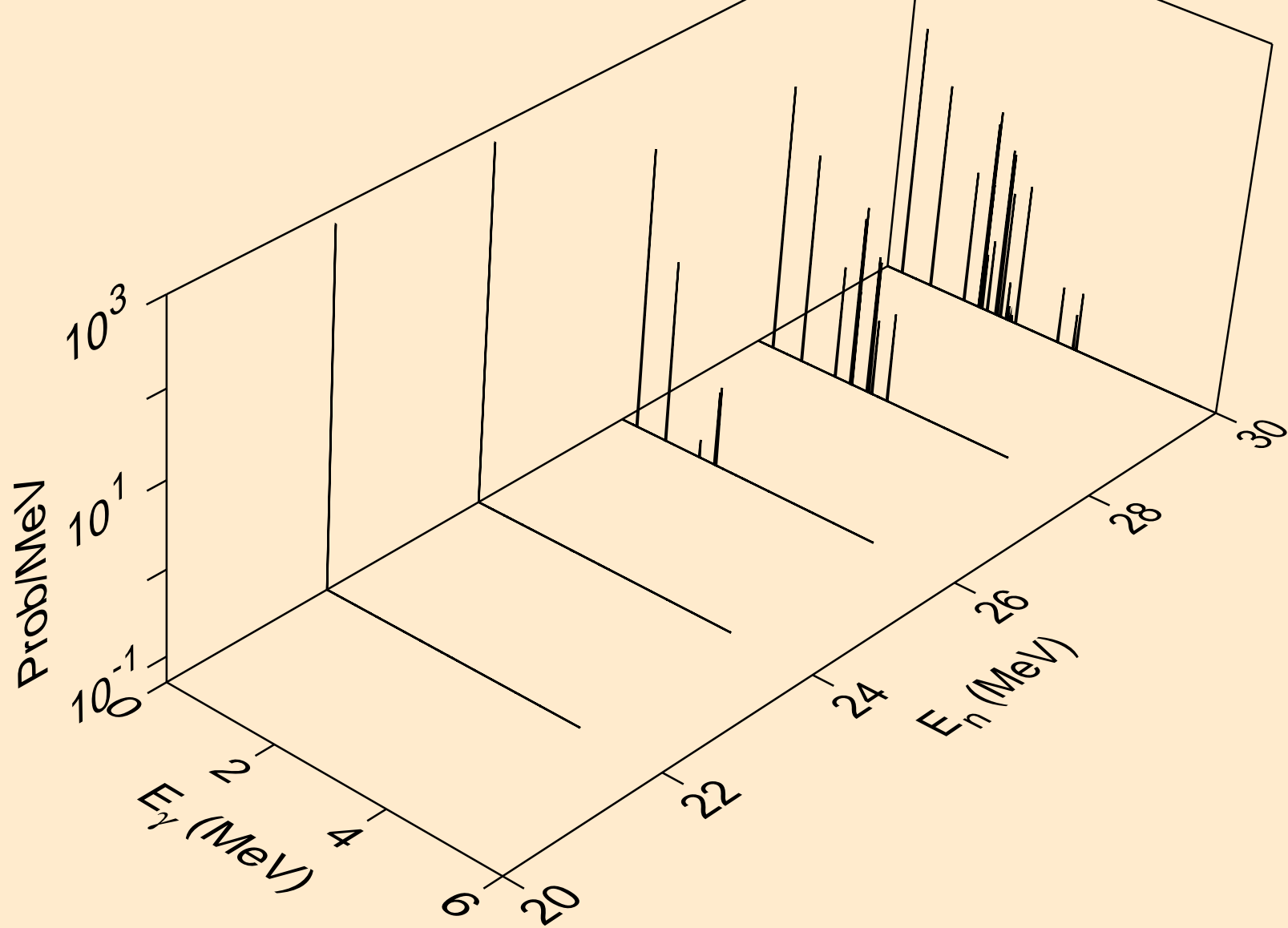




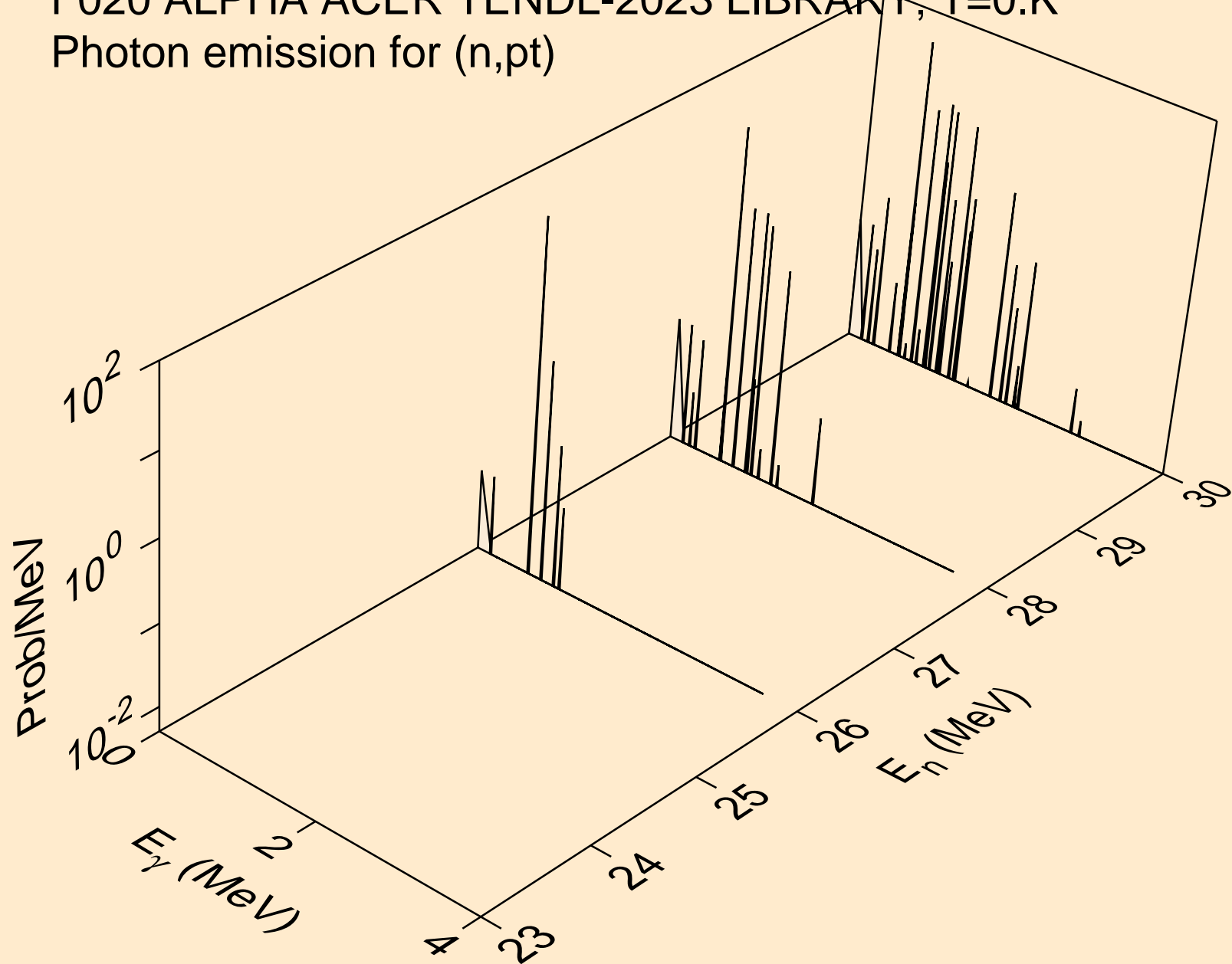
F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d2a)



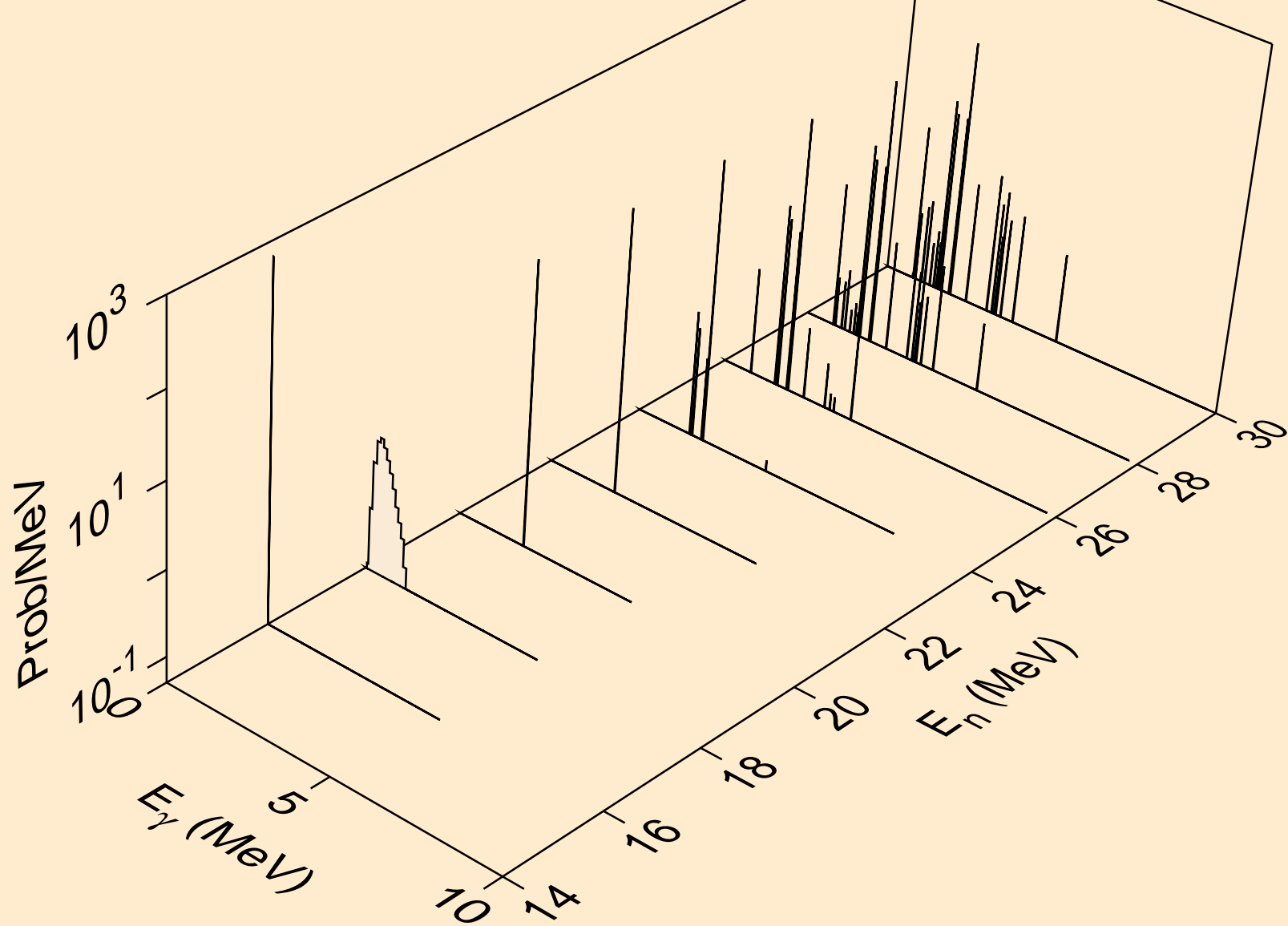
F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



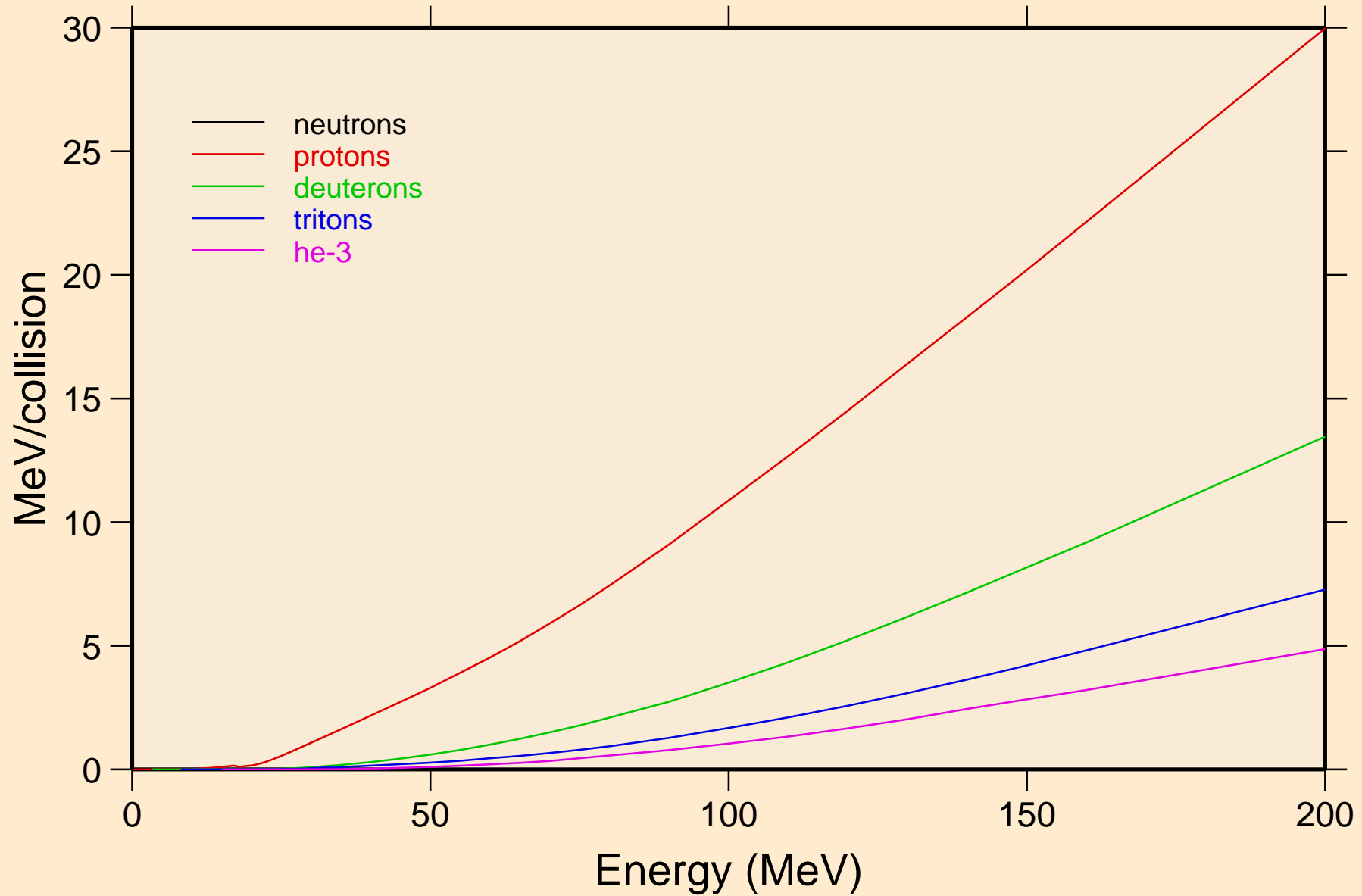
F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



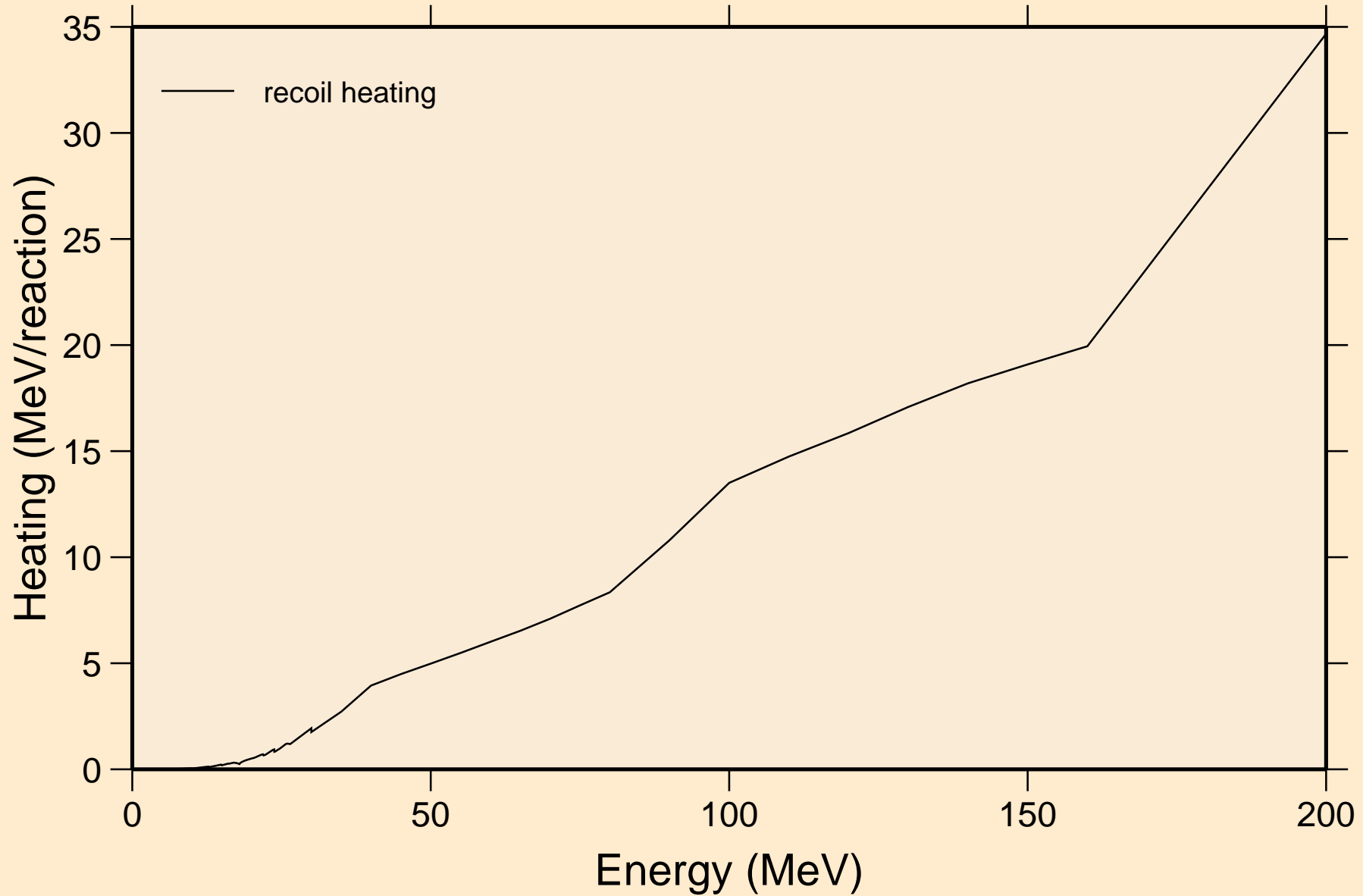
F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



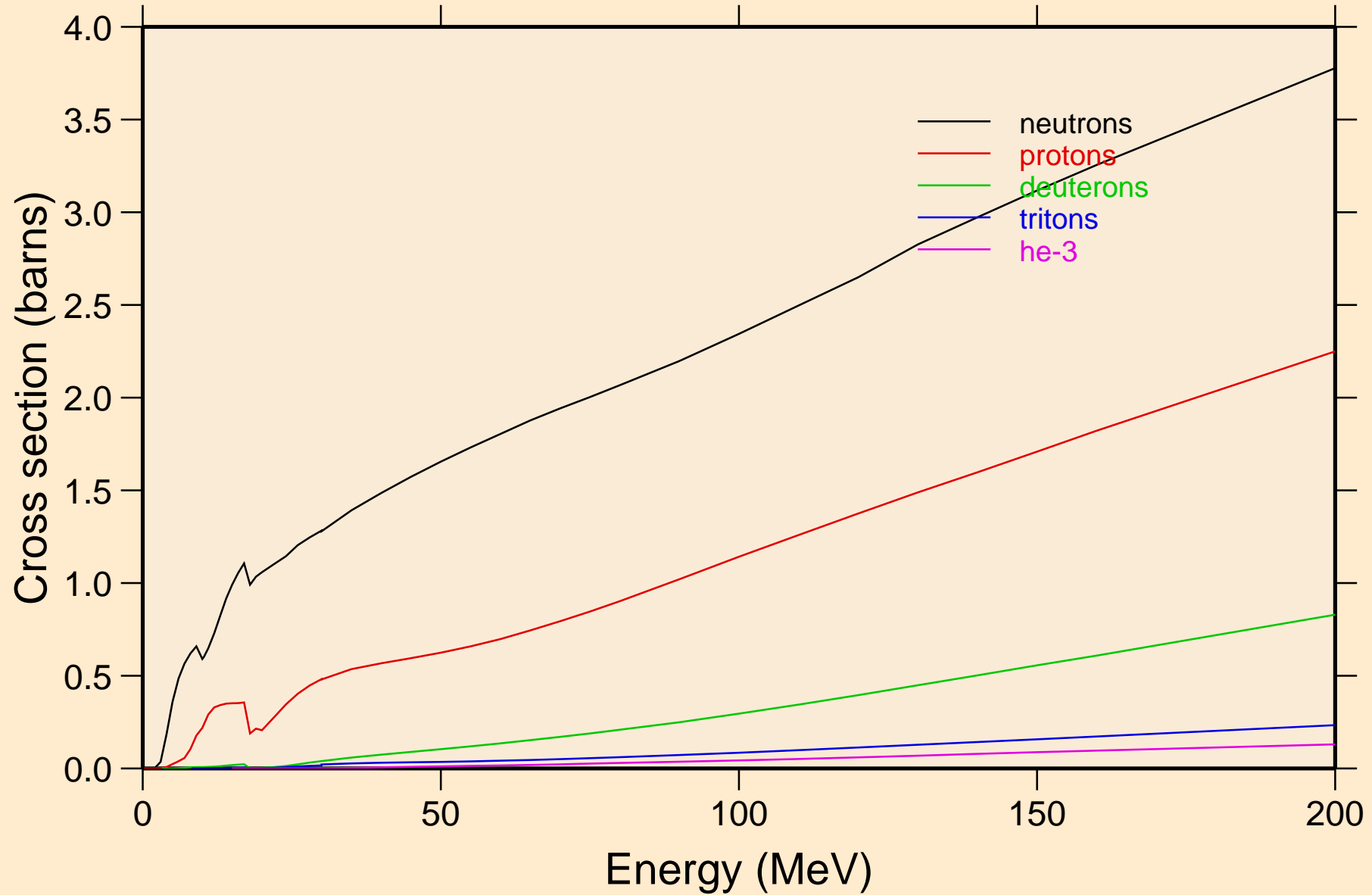
F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



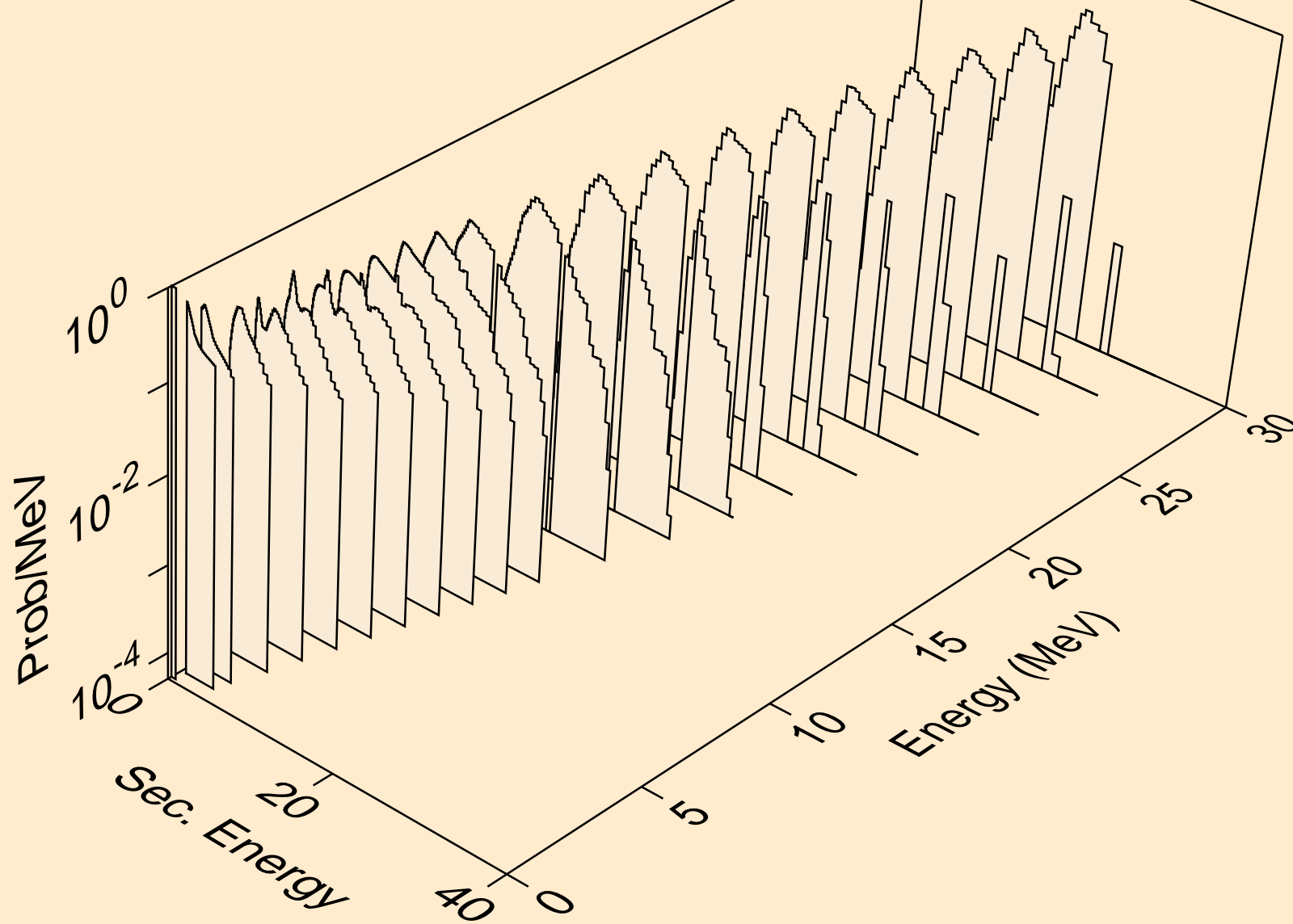
F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections

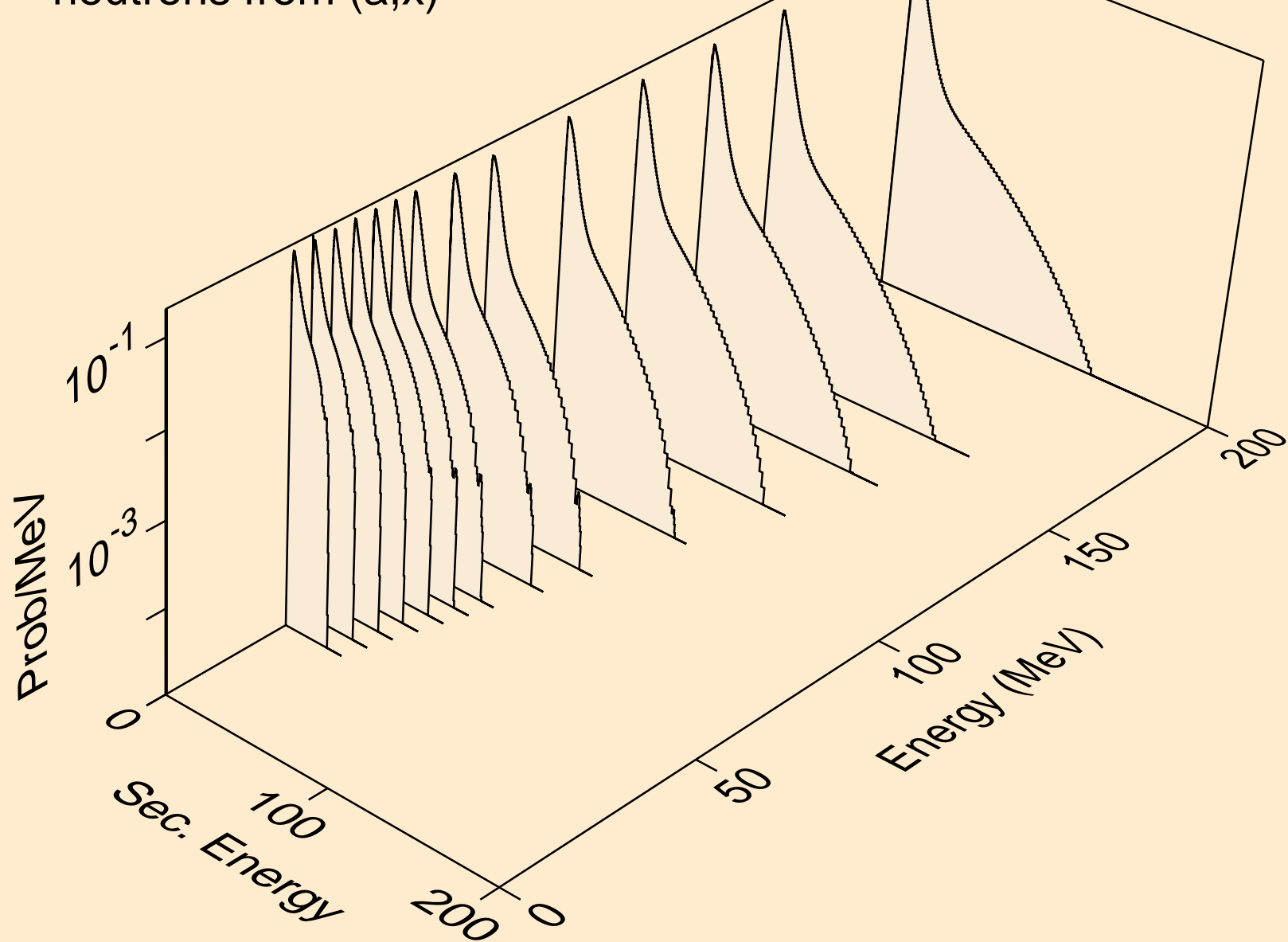


F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)

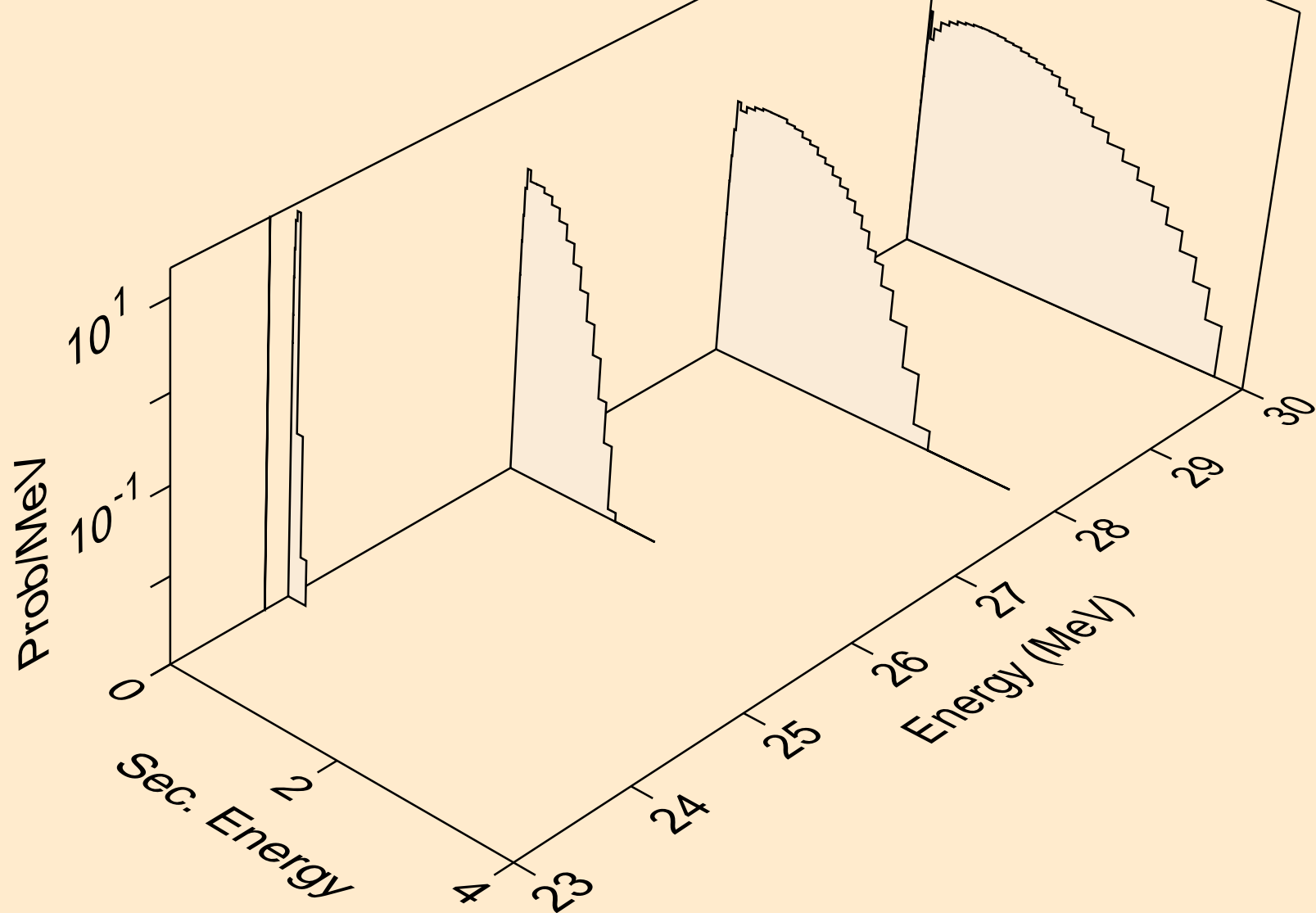




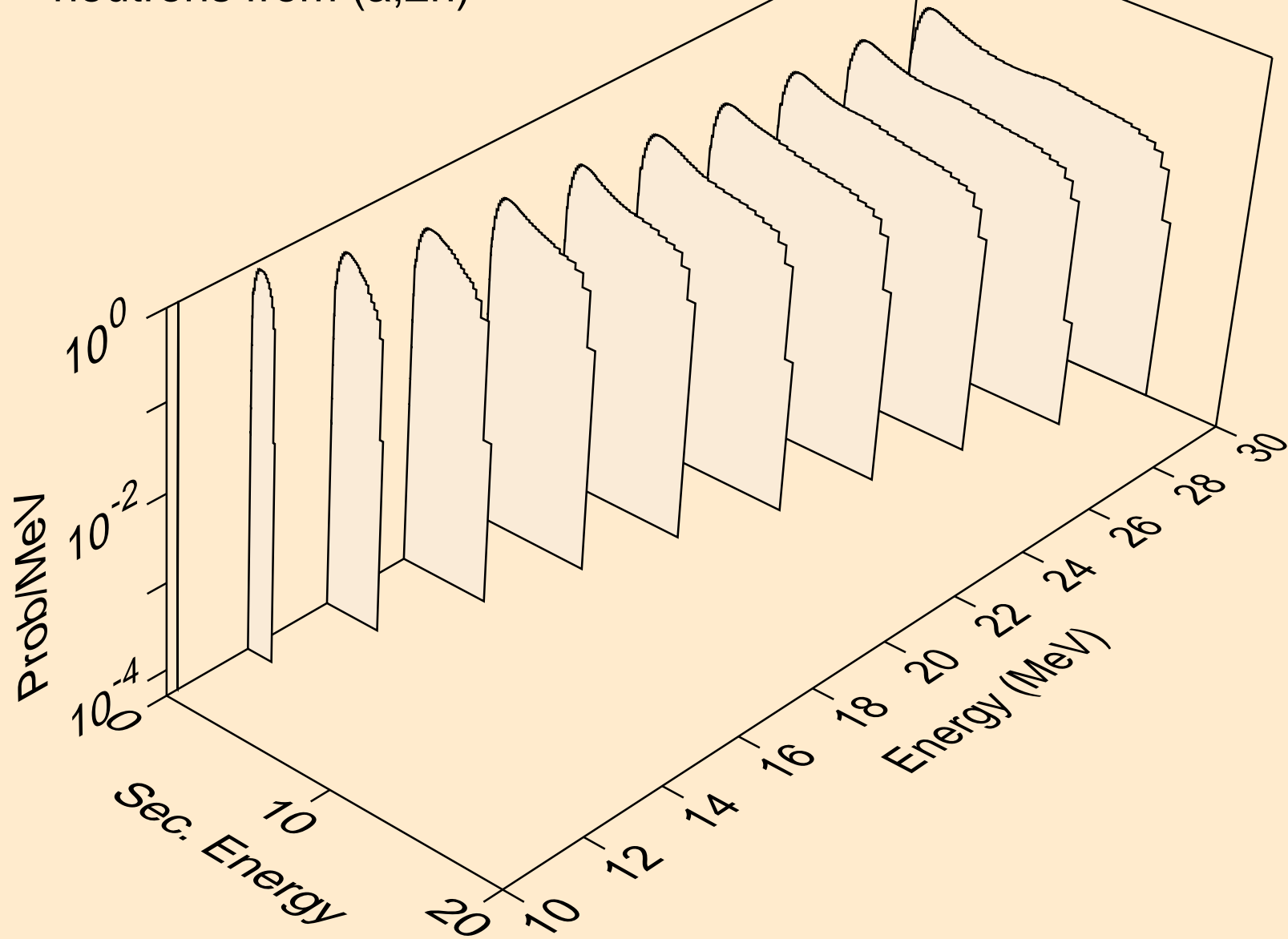
F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)



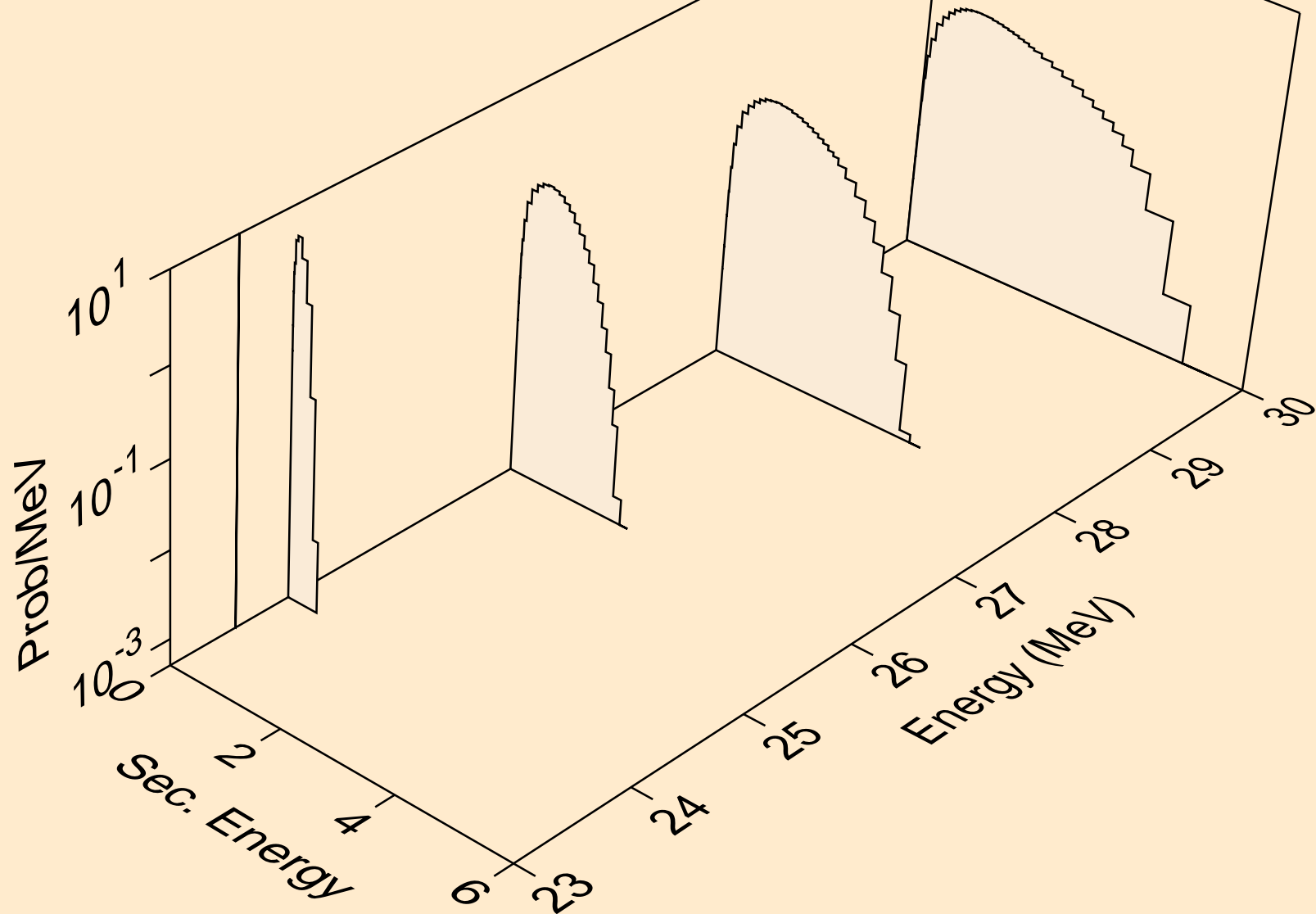
F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2nd)



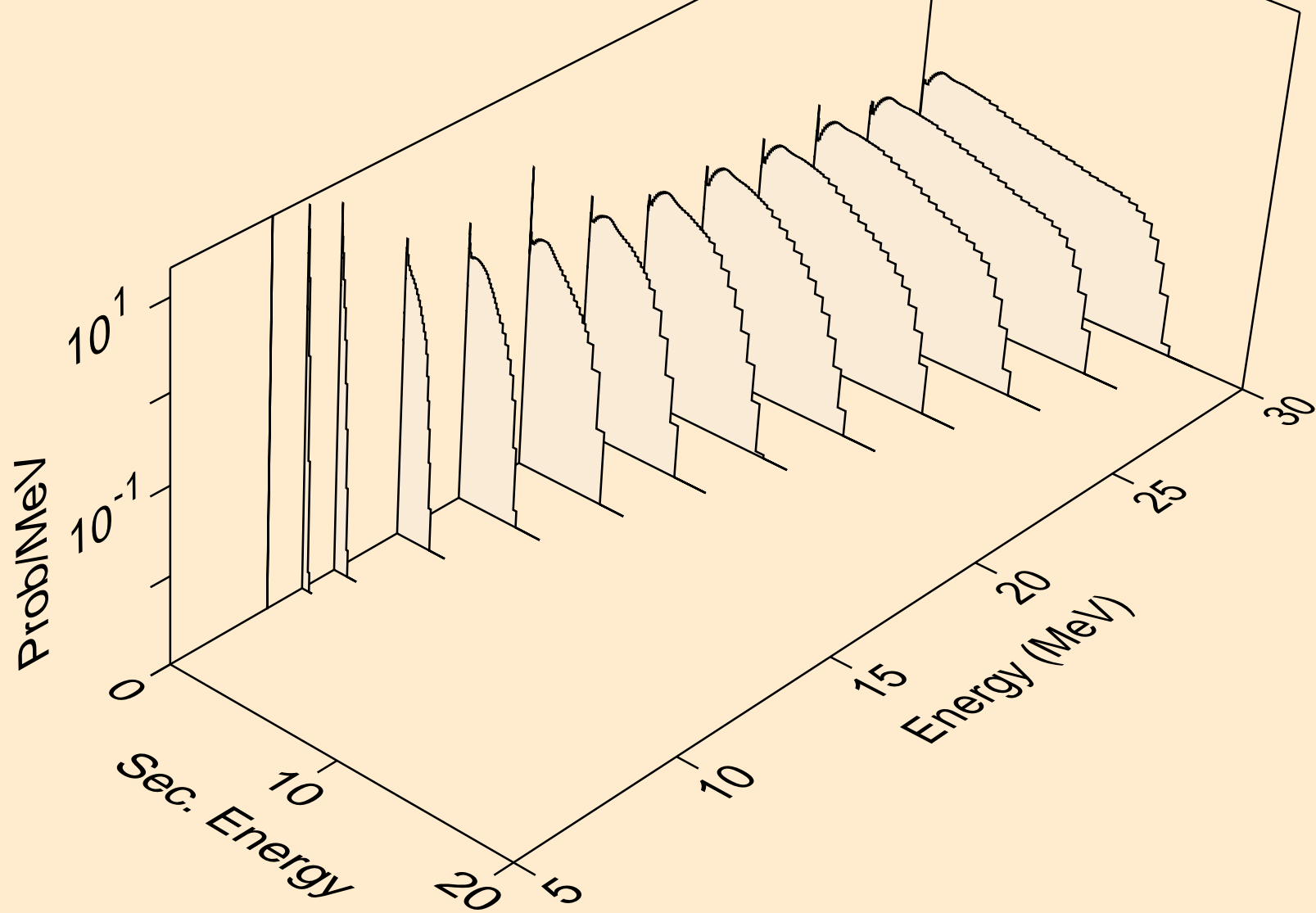
F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)



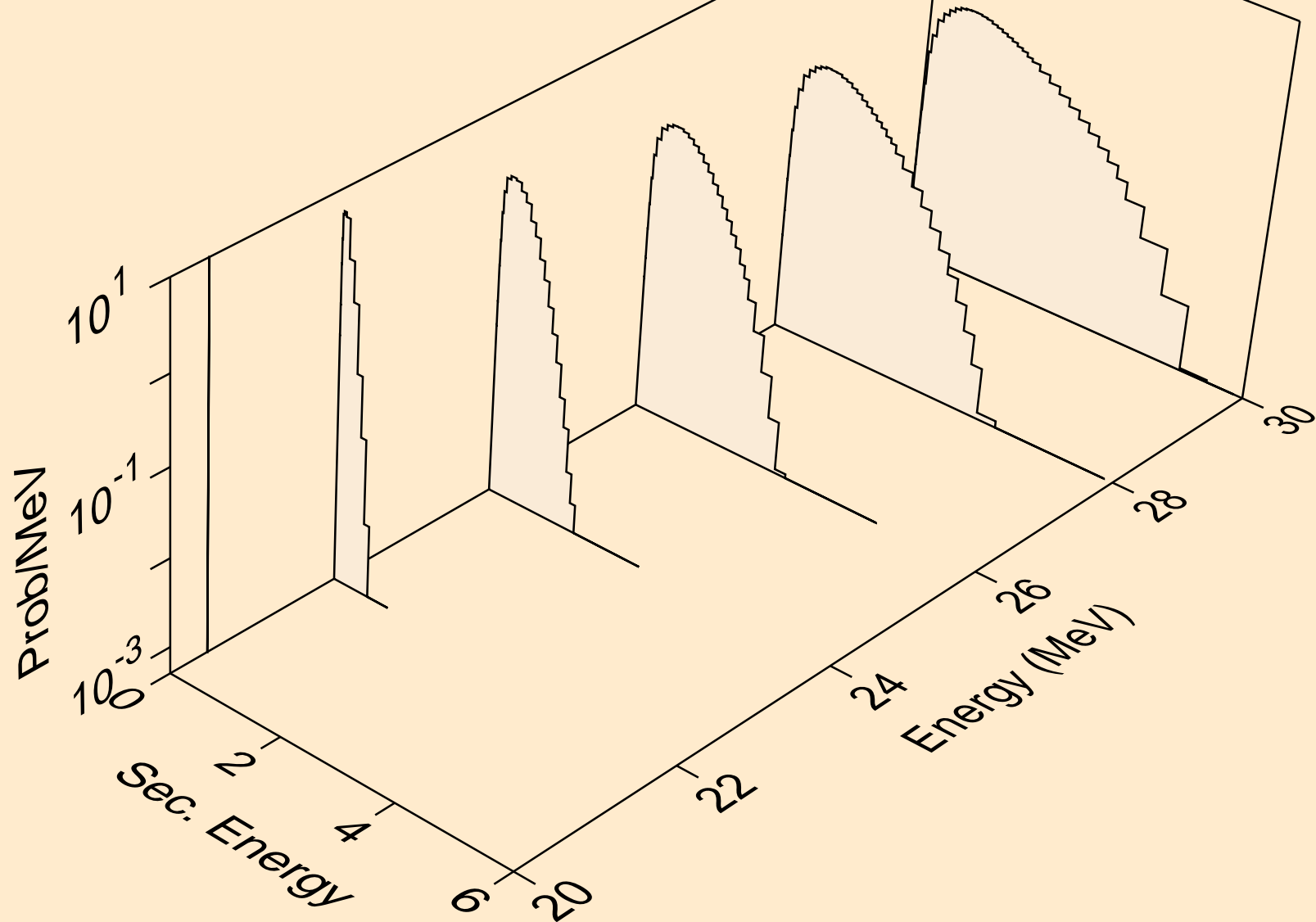
F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3n)



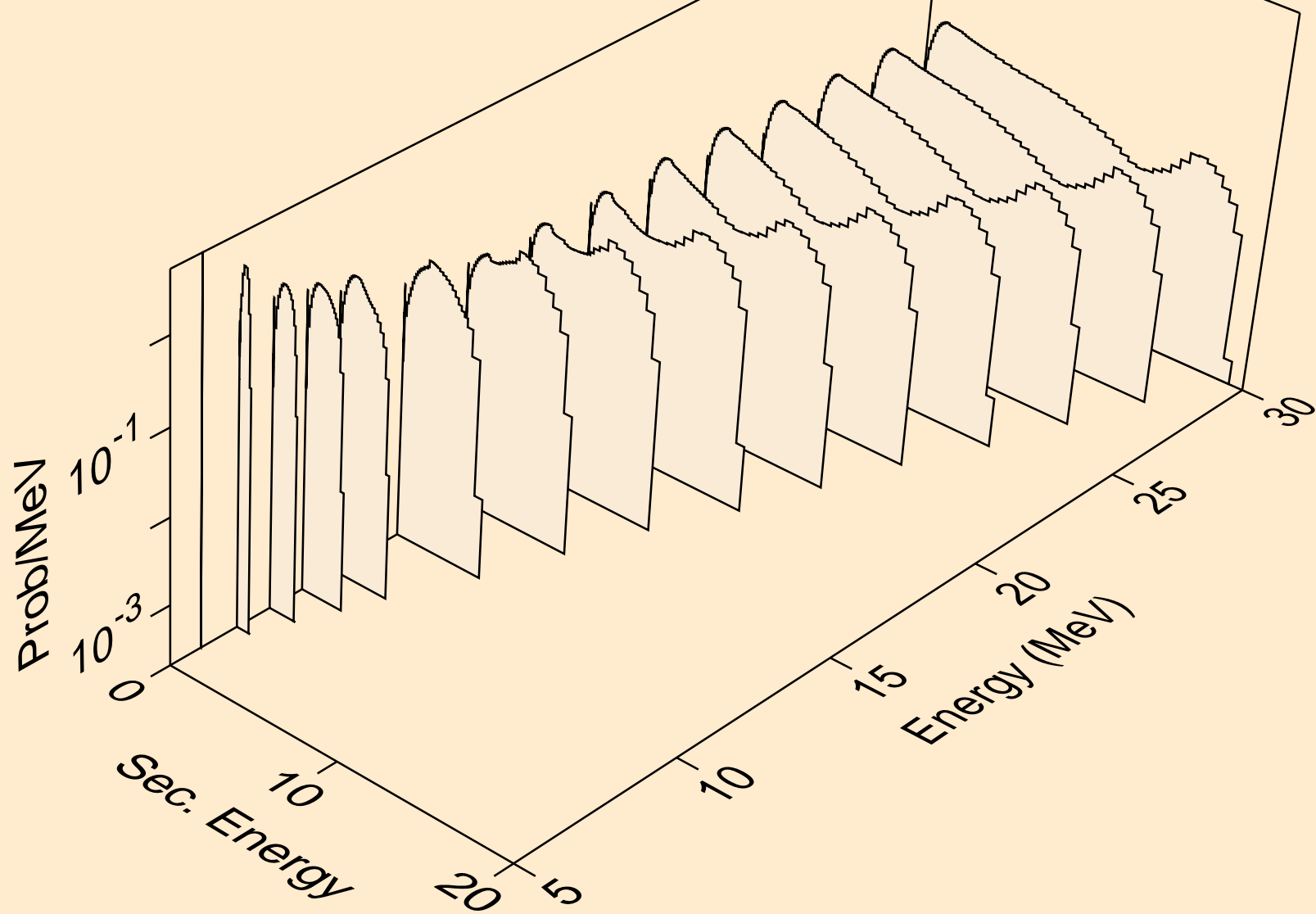
F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a



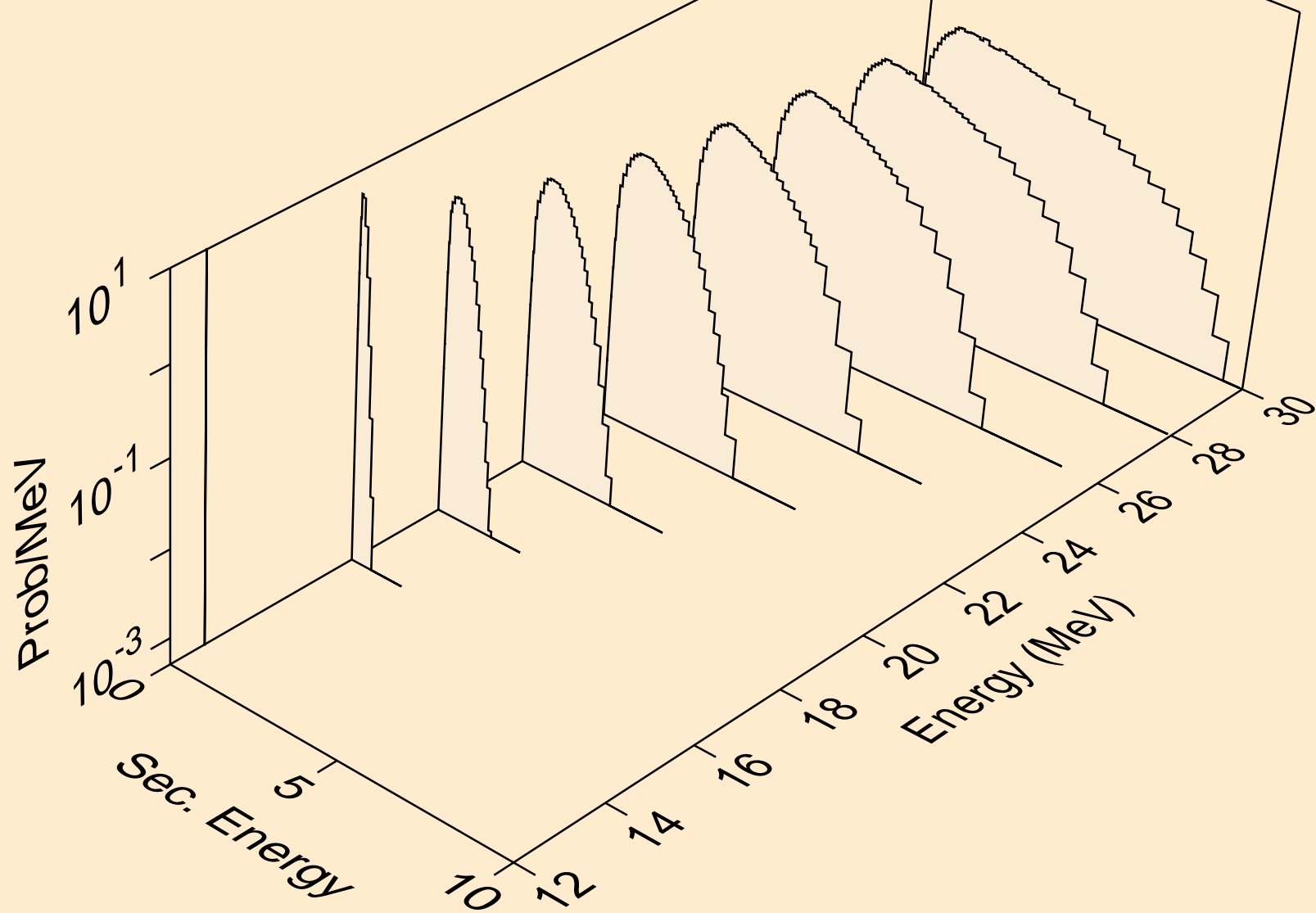
F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)a



F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)p

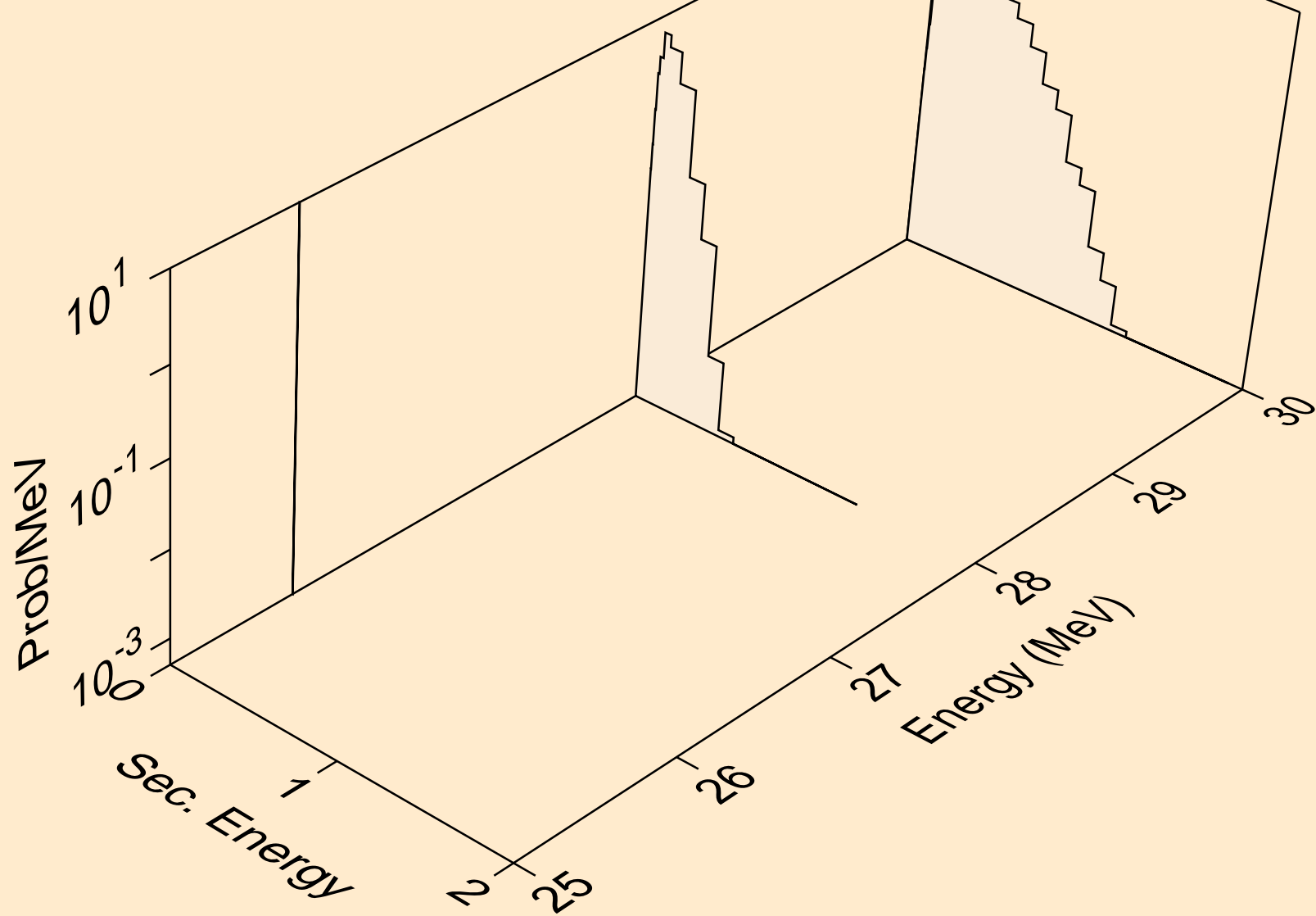


F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)2a

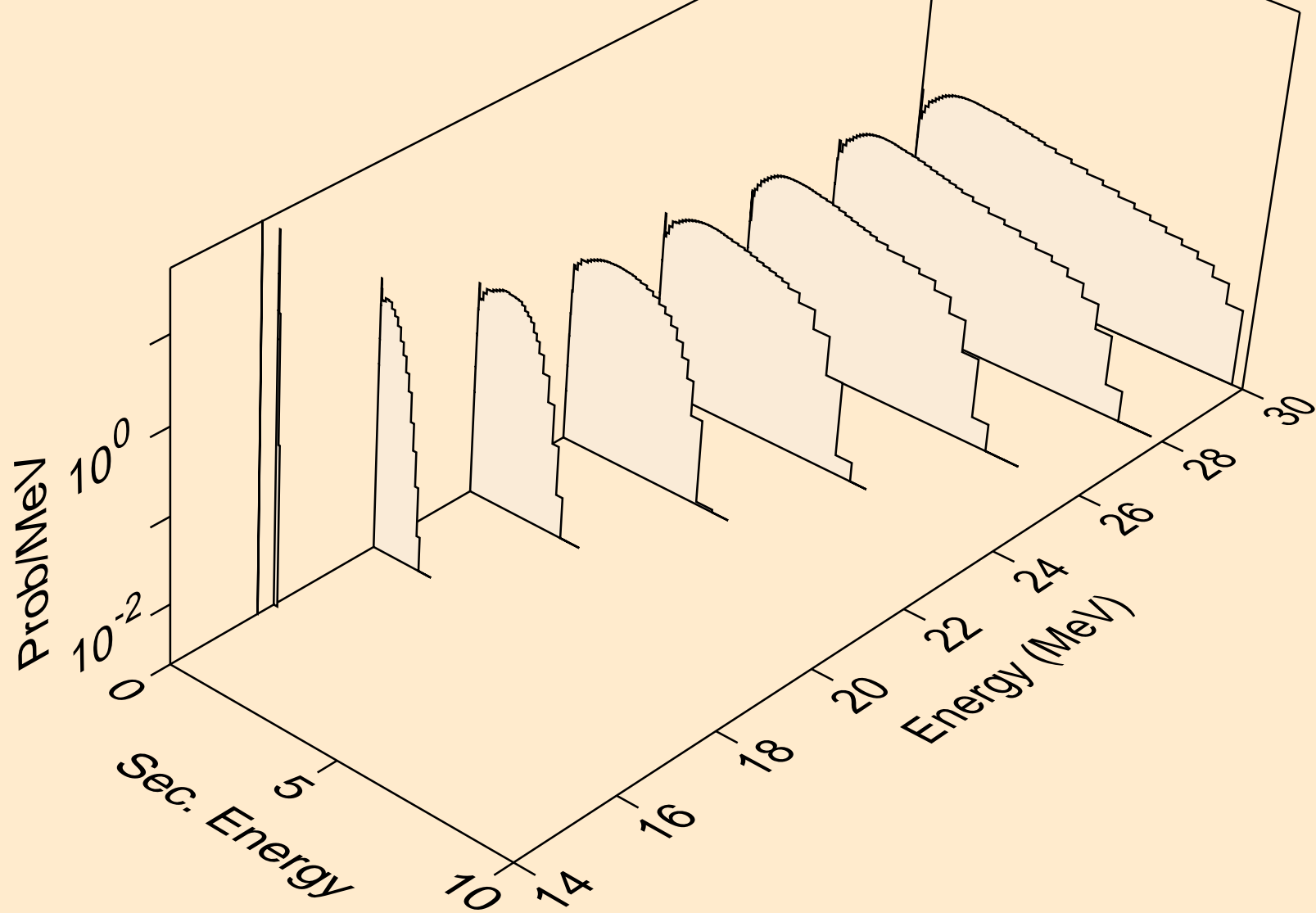




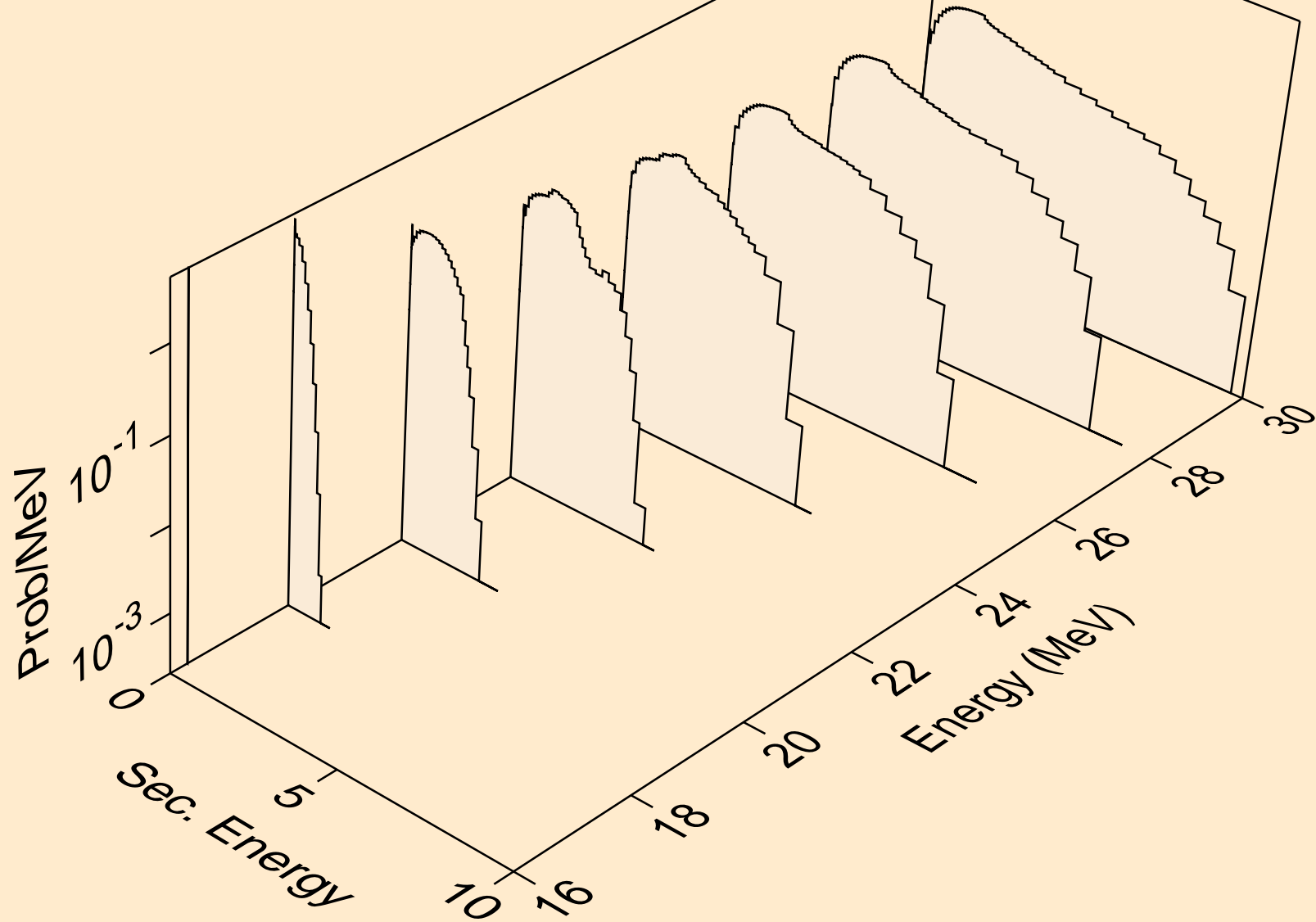
F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)2a



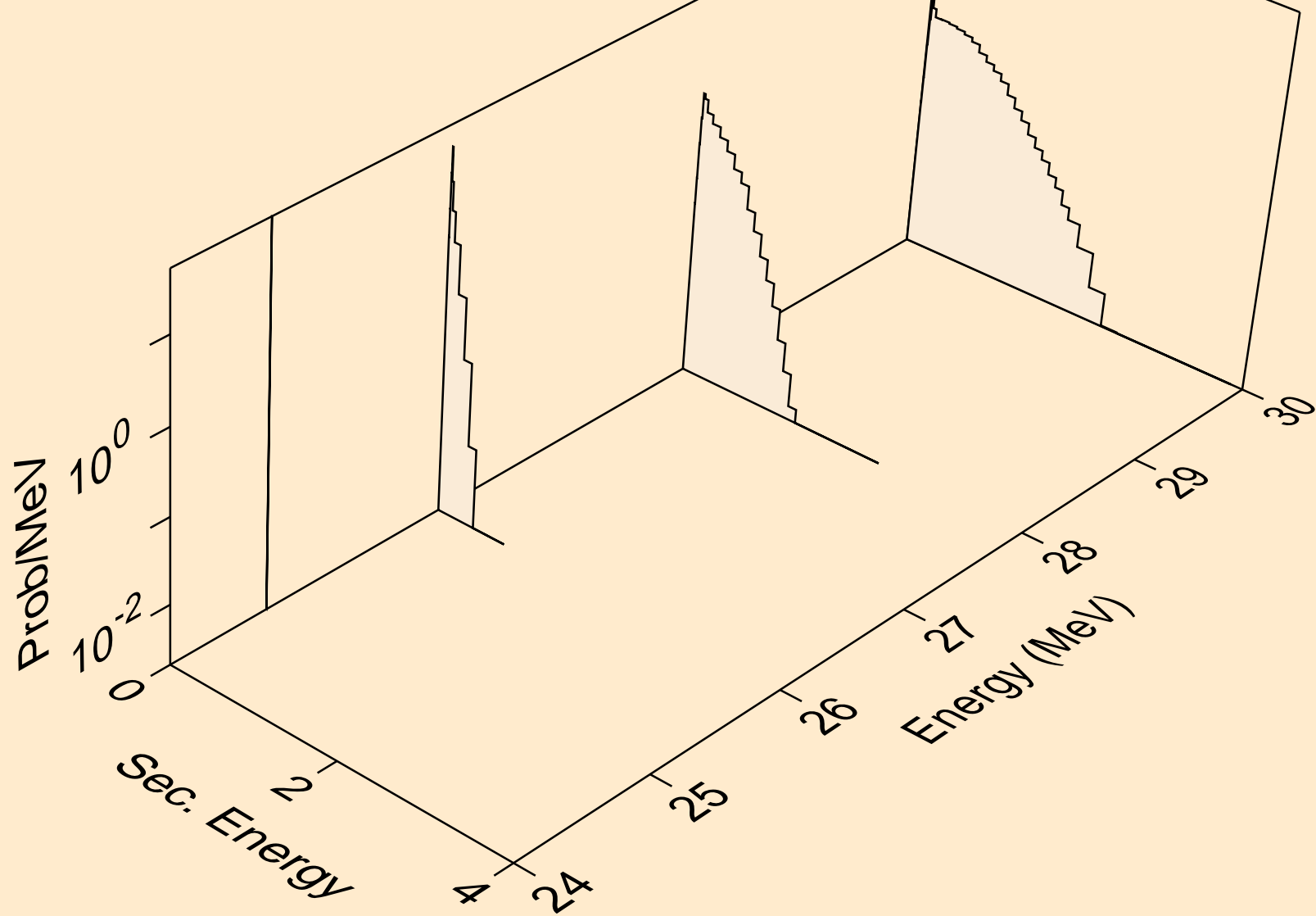
F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)d



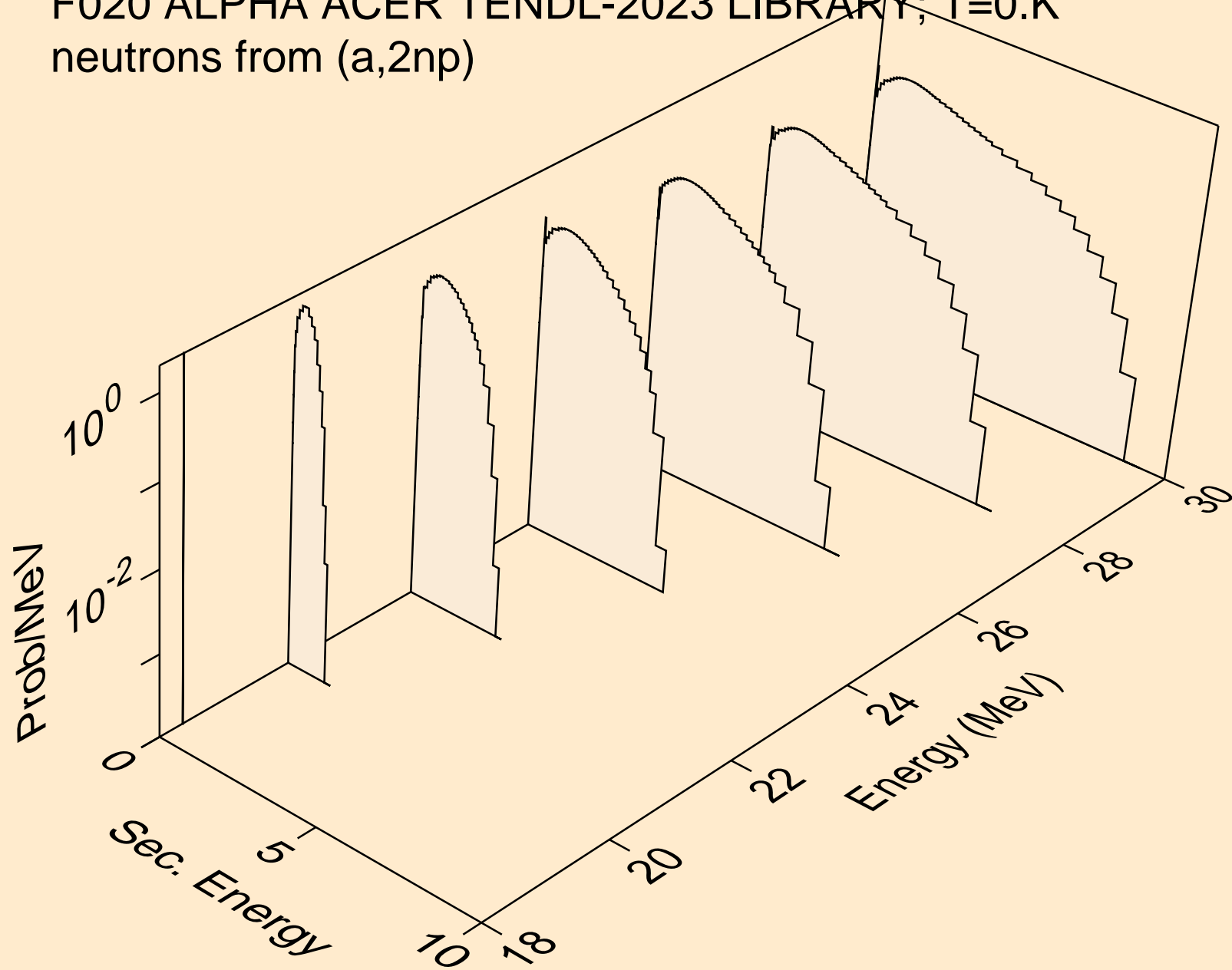
F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)t



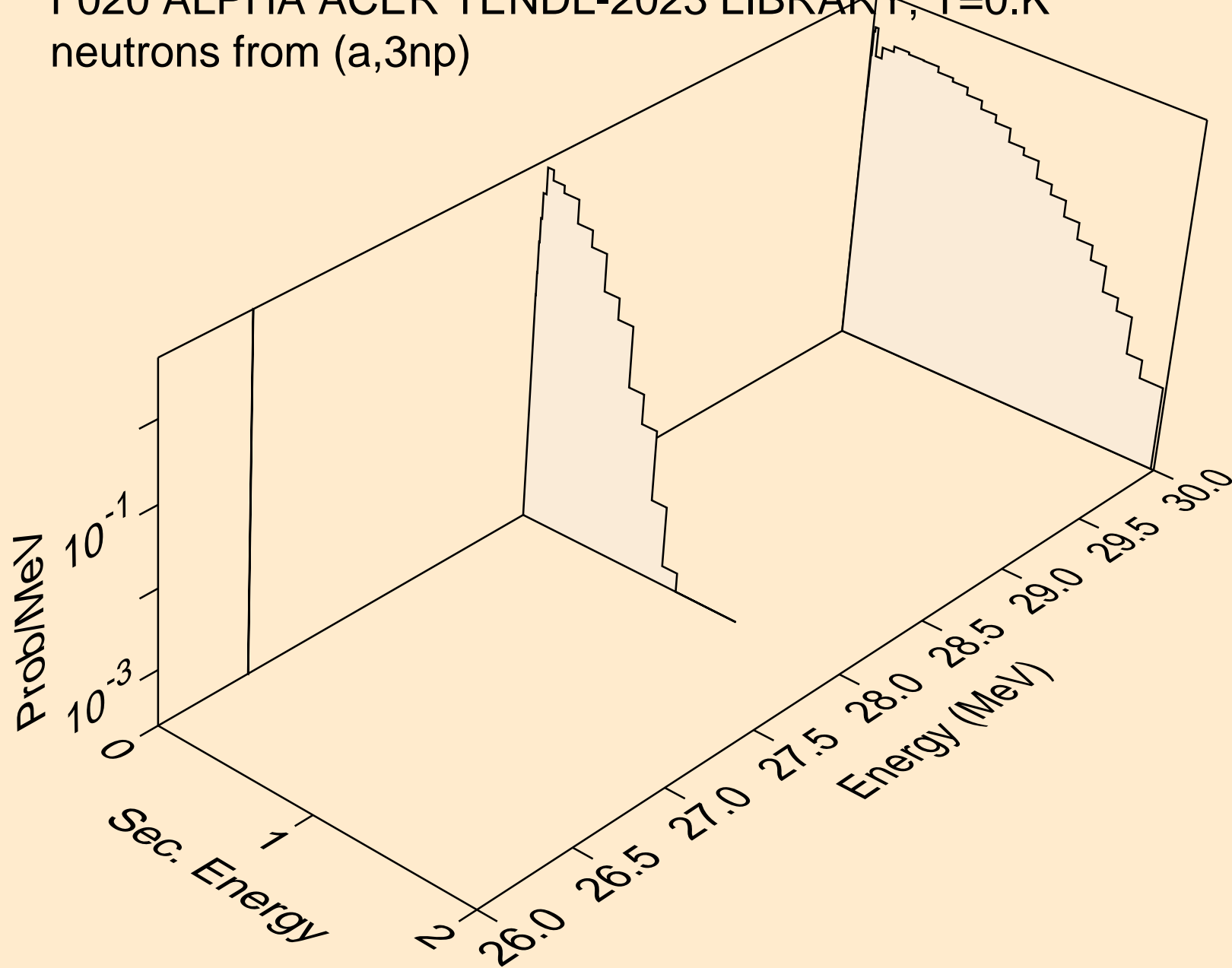
F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)he3



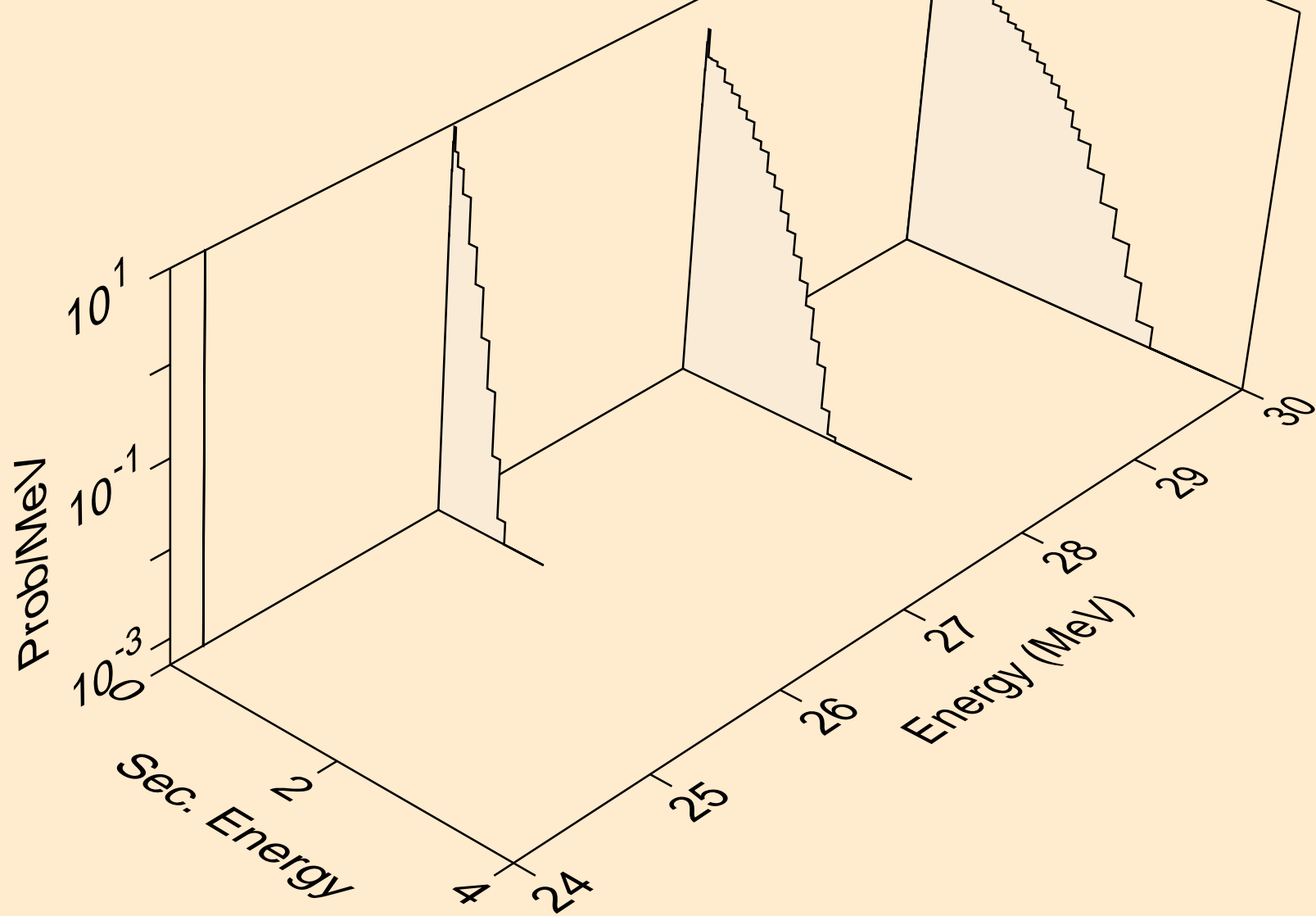
F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2np)



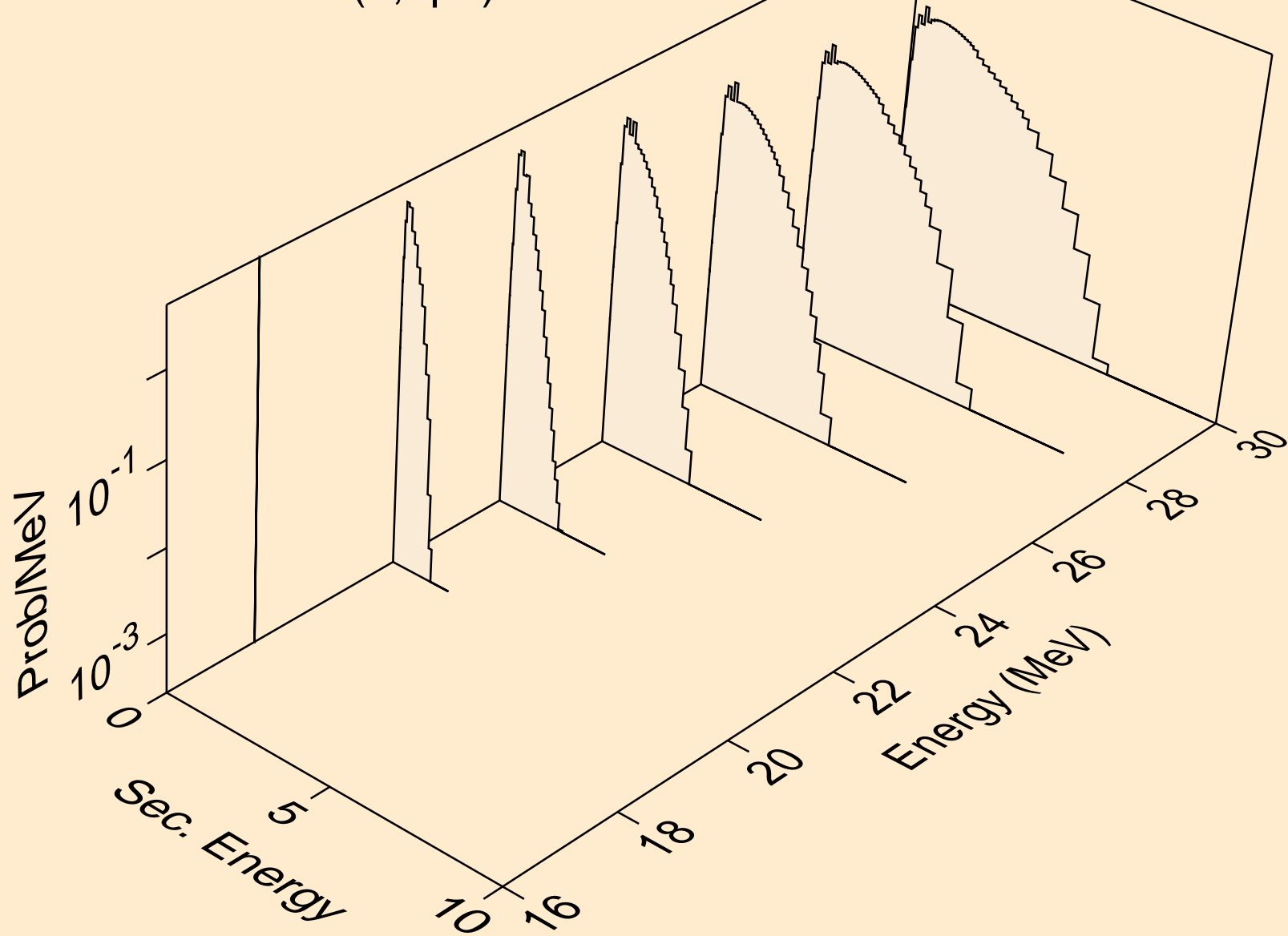
F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3np)



F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n2p)

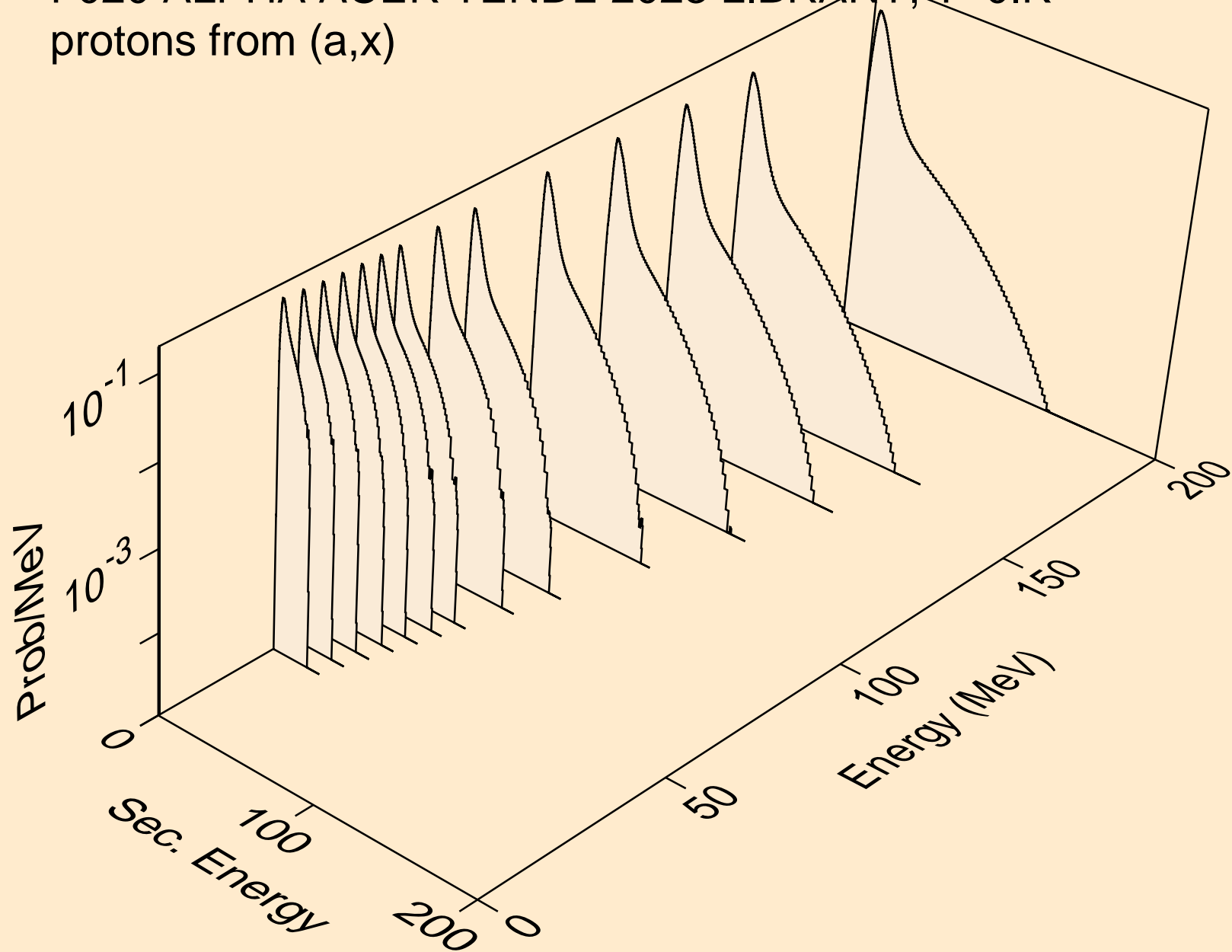


F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,npa)

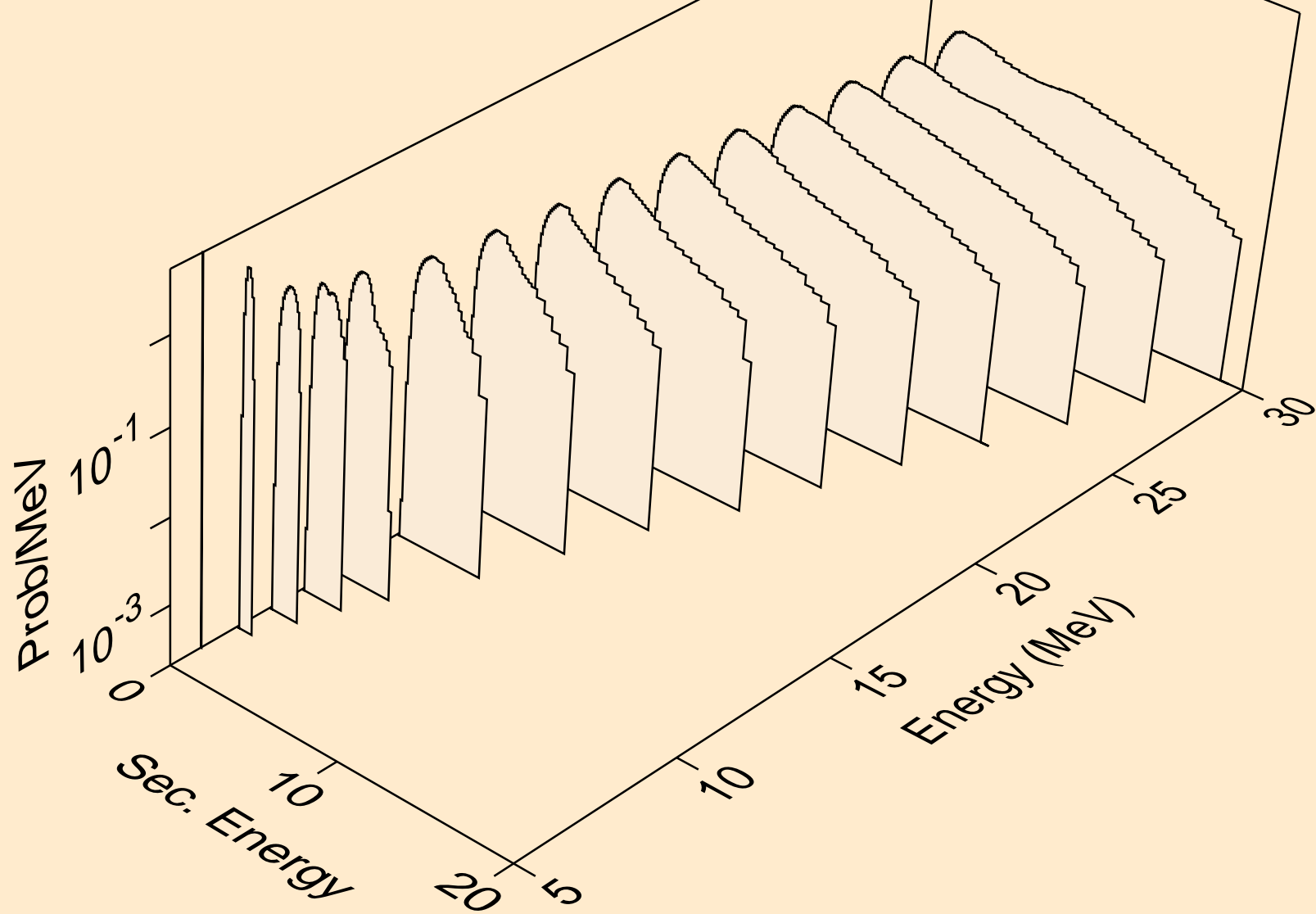




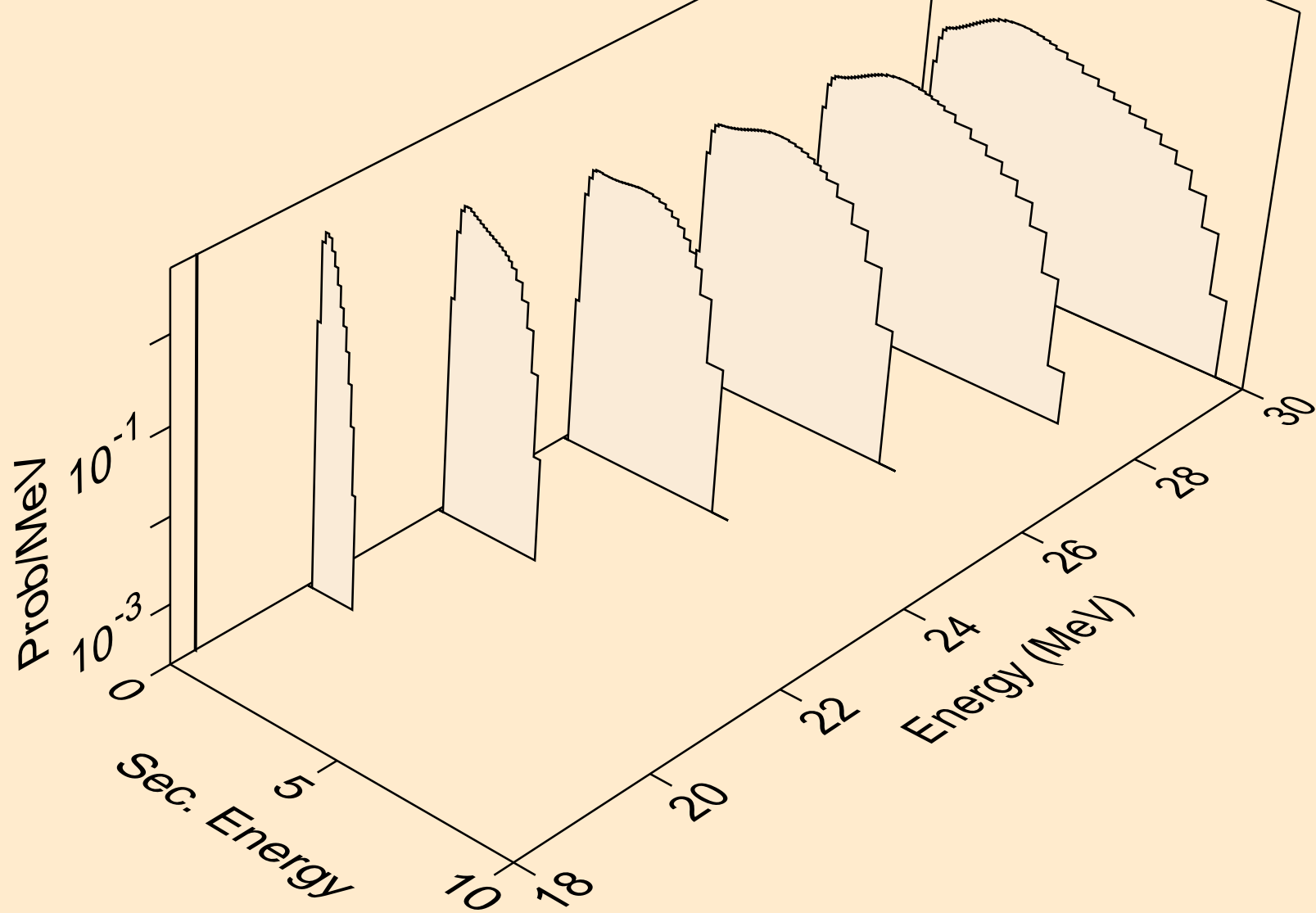
F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,x)



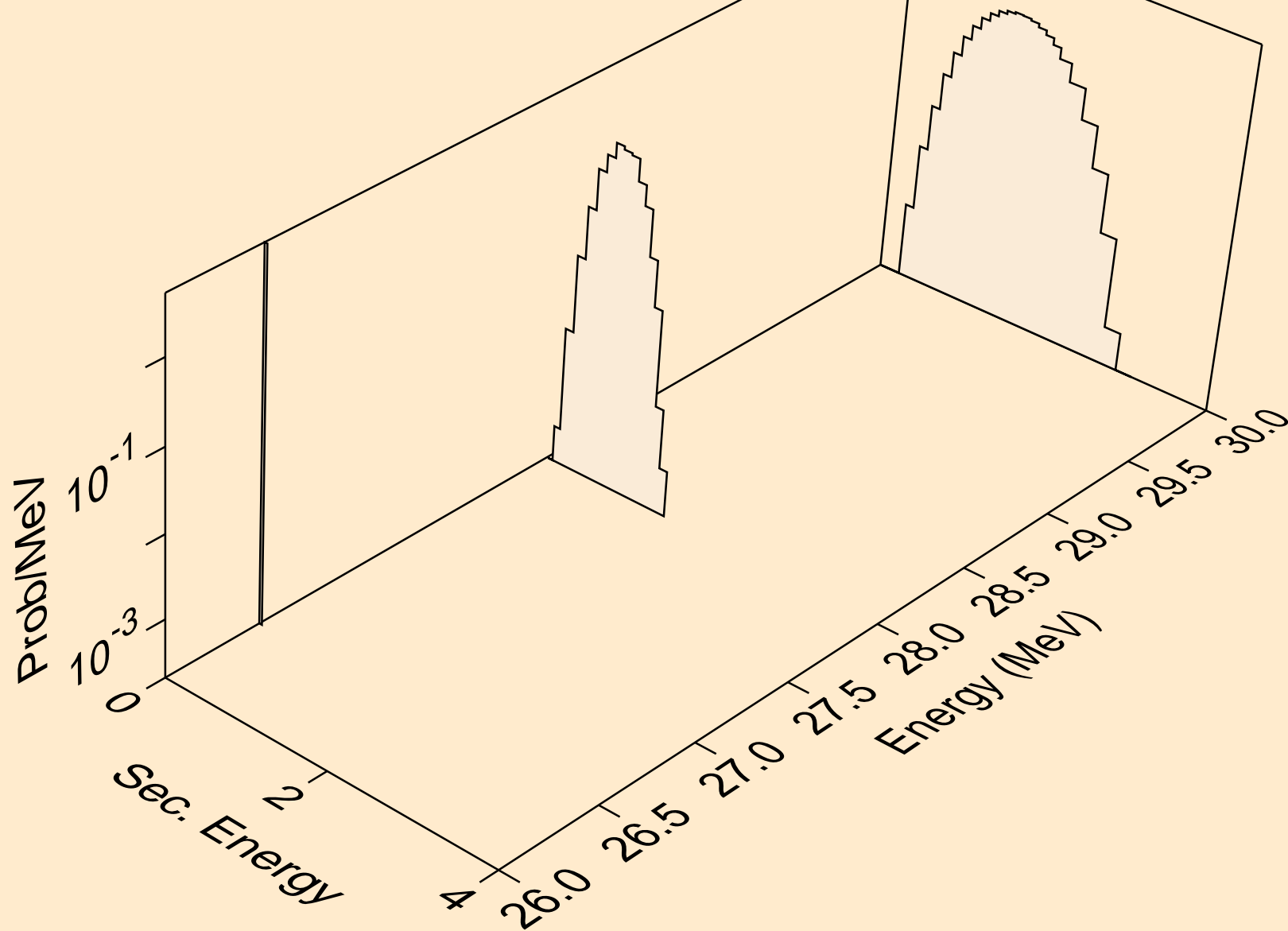
F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n\*)p



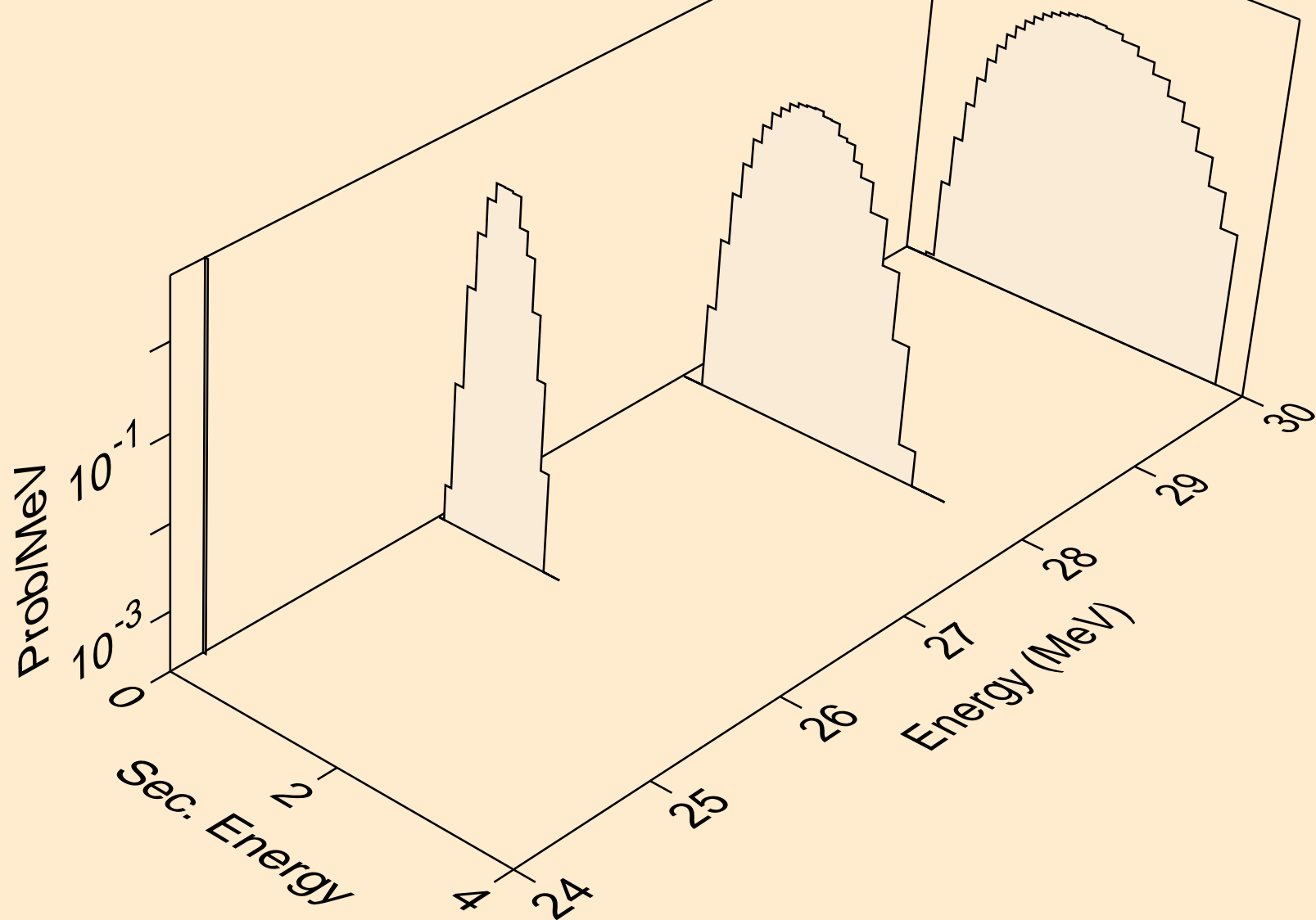
F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2np)



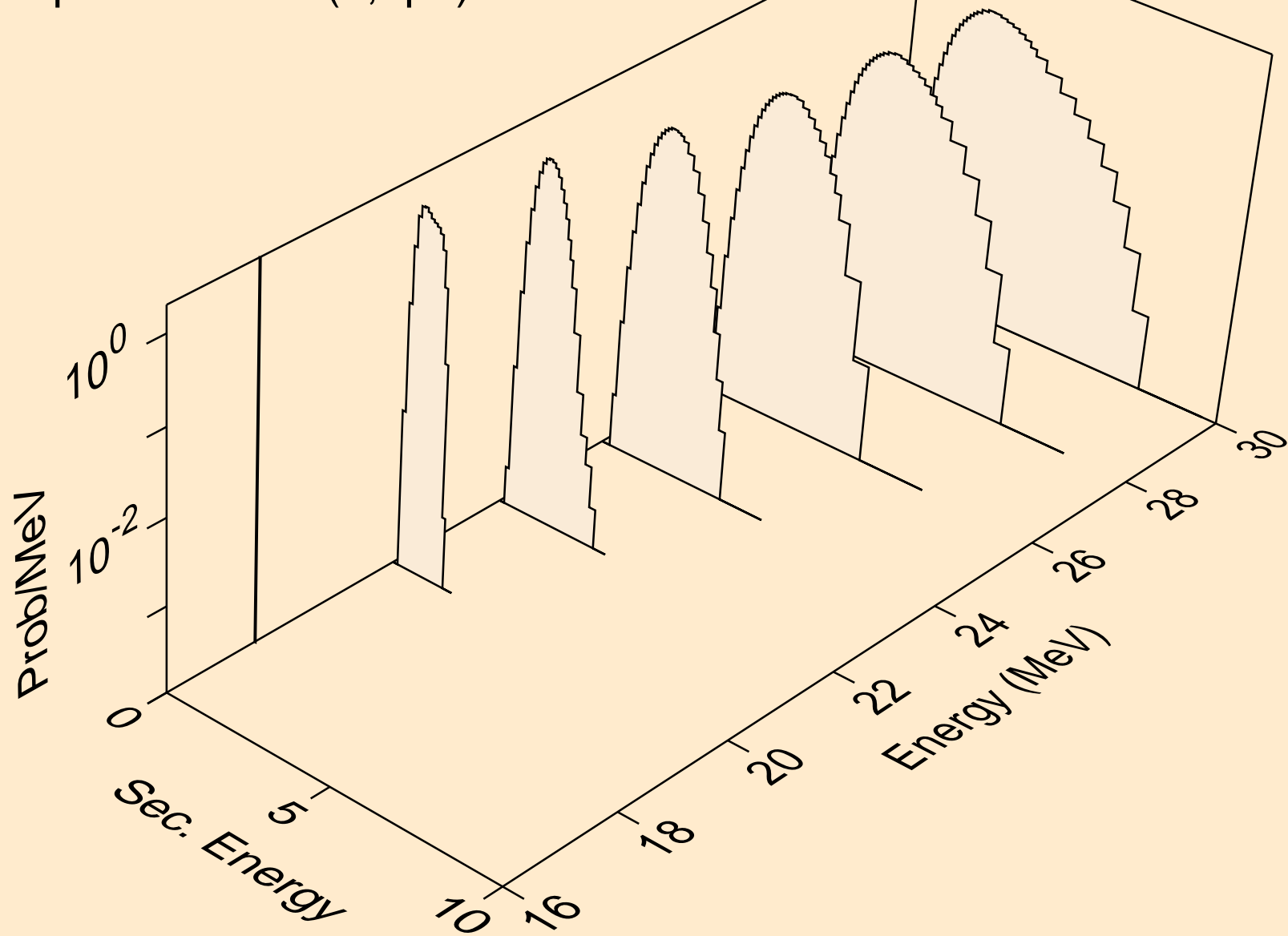
F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,3np)



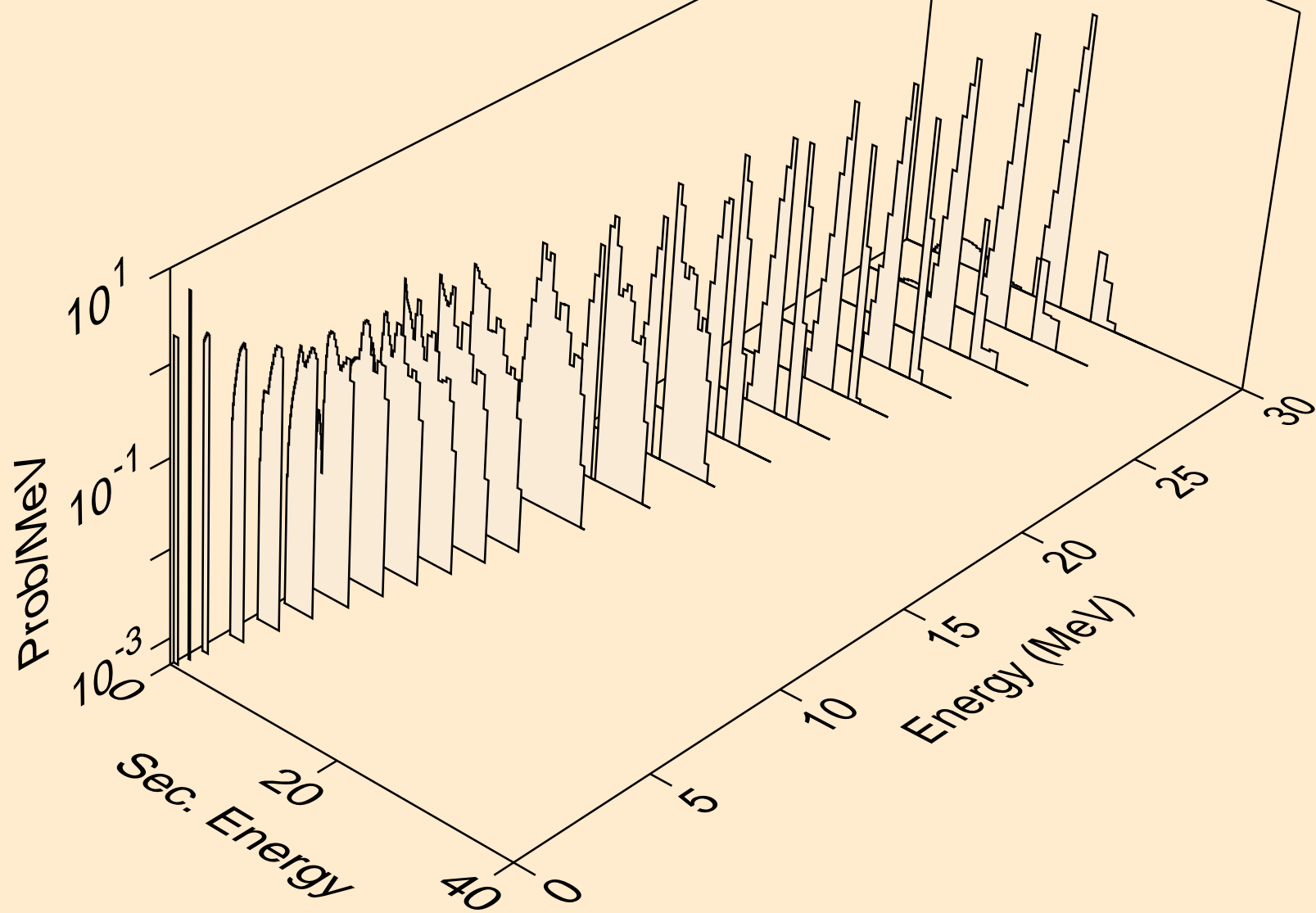
F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n2p)



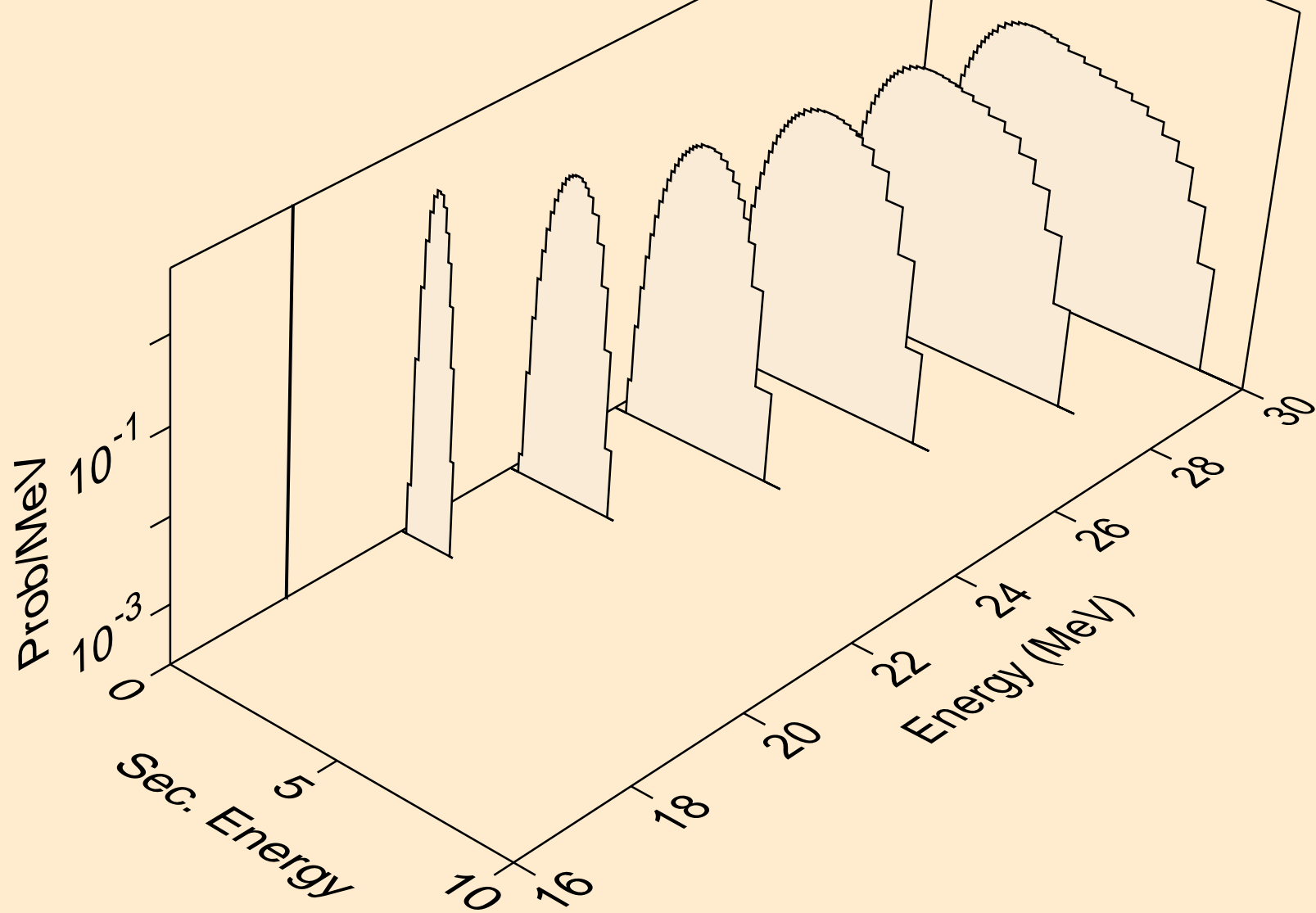
F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,npa)



F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,p)

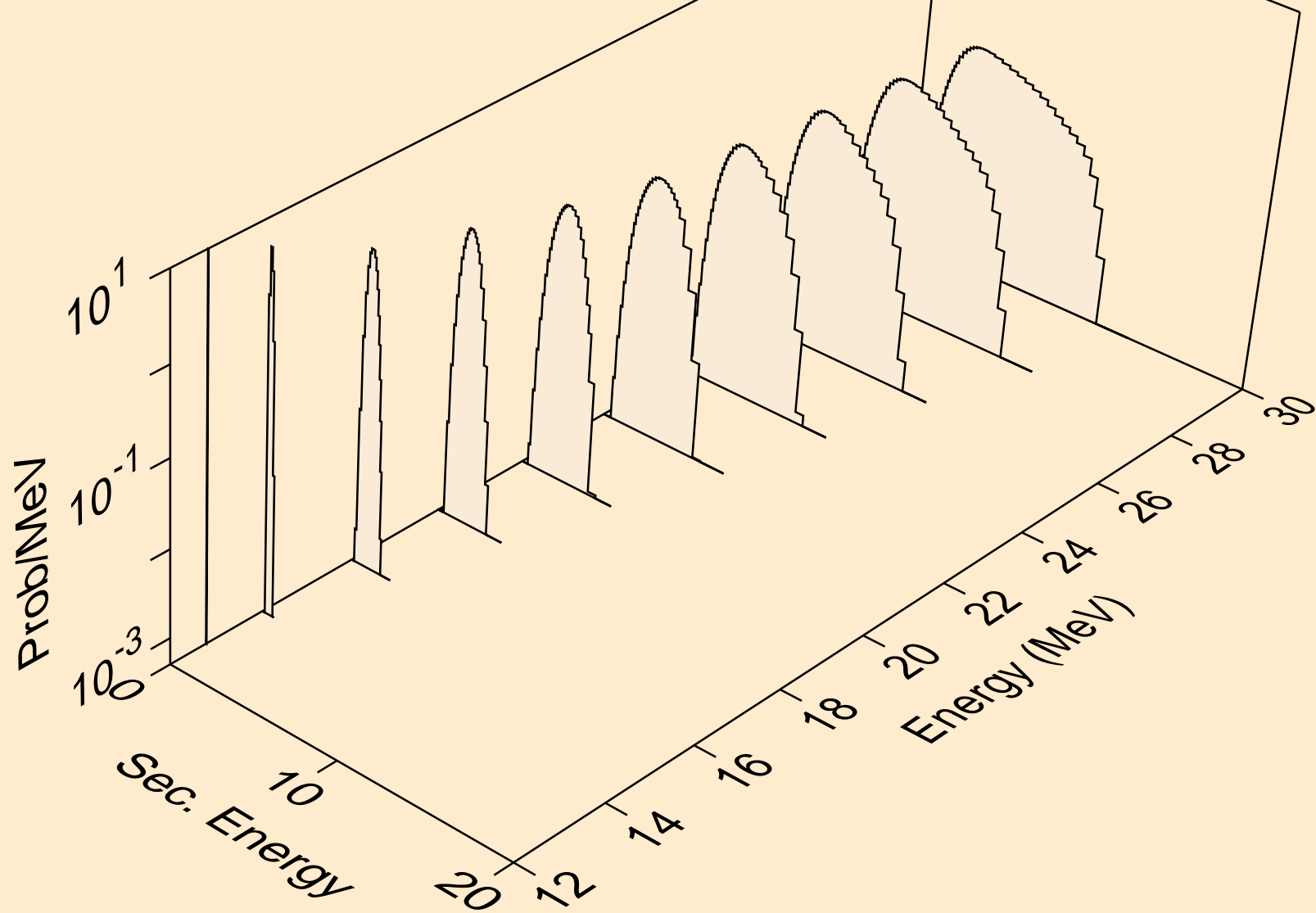


F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2p)

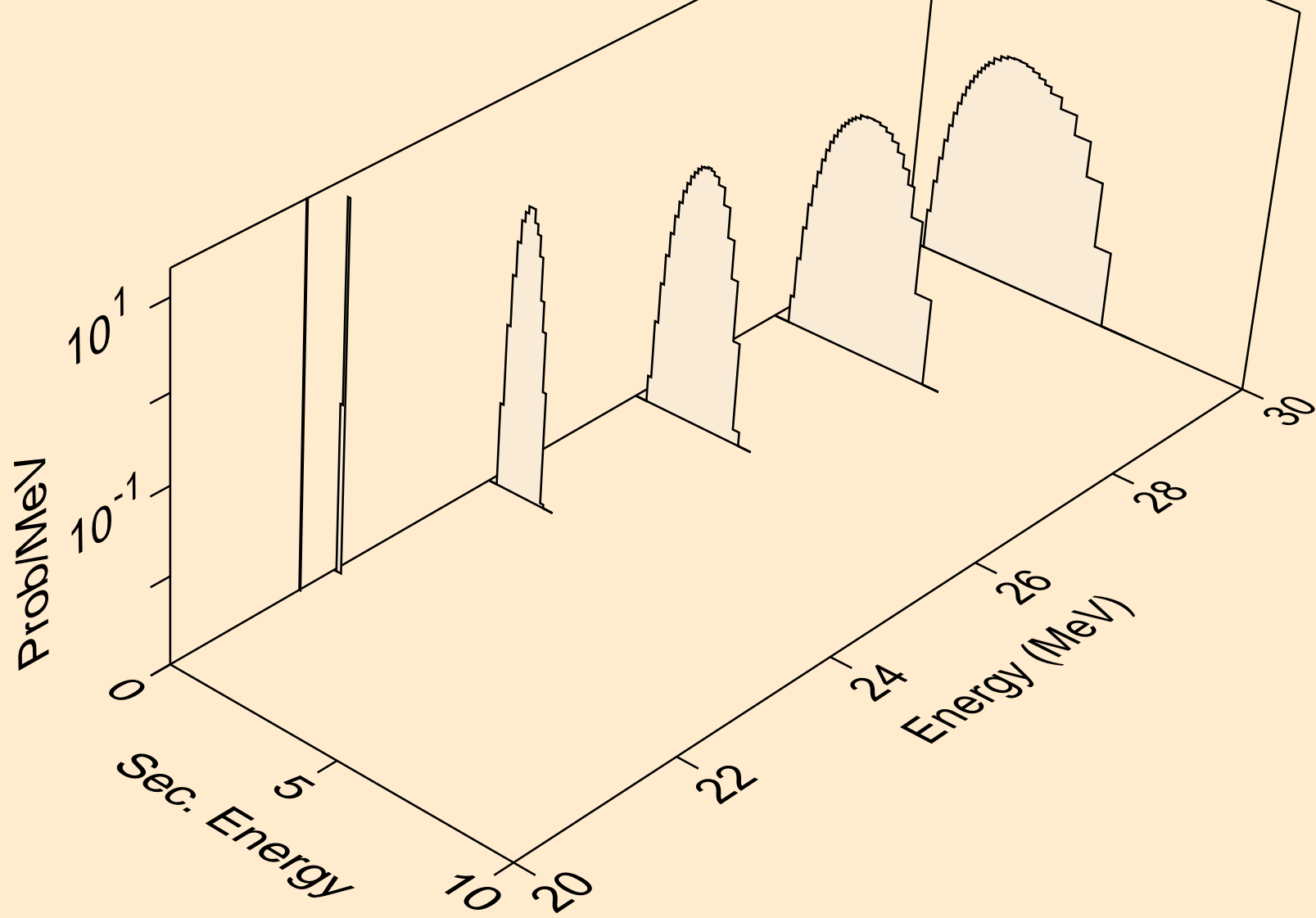




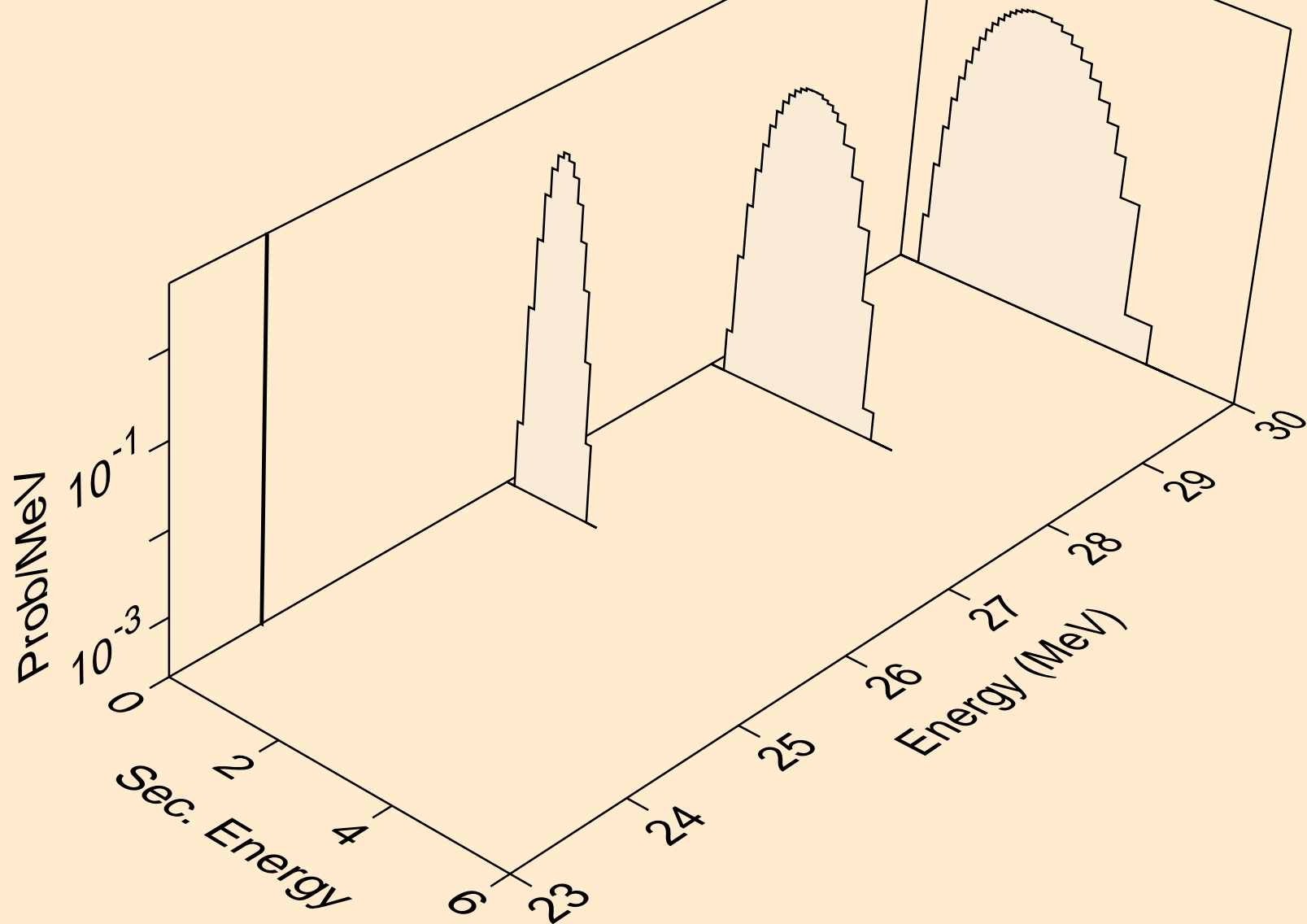
F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pa)



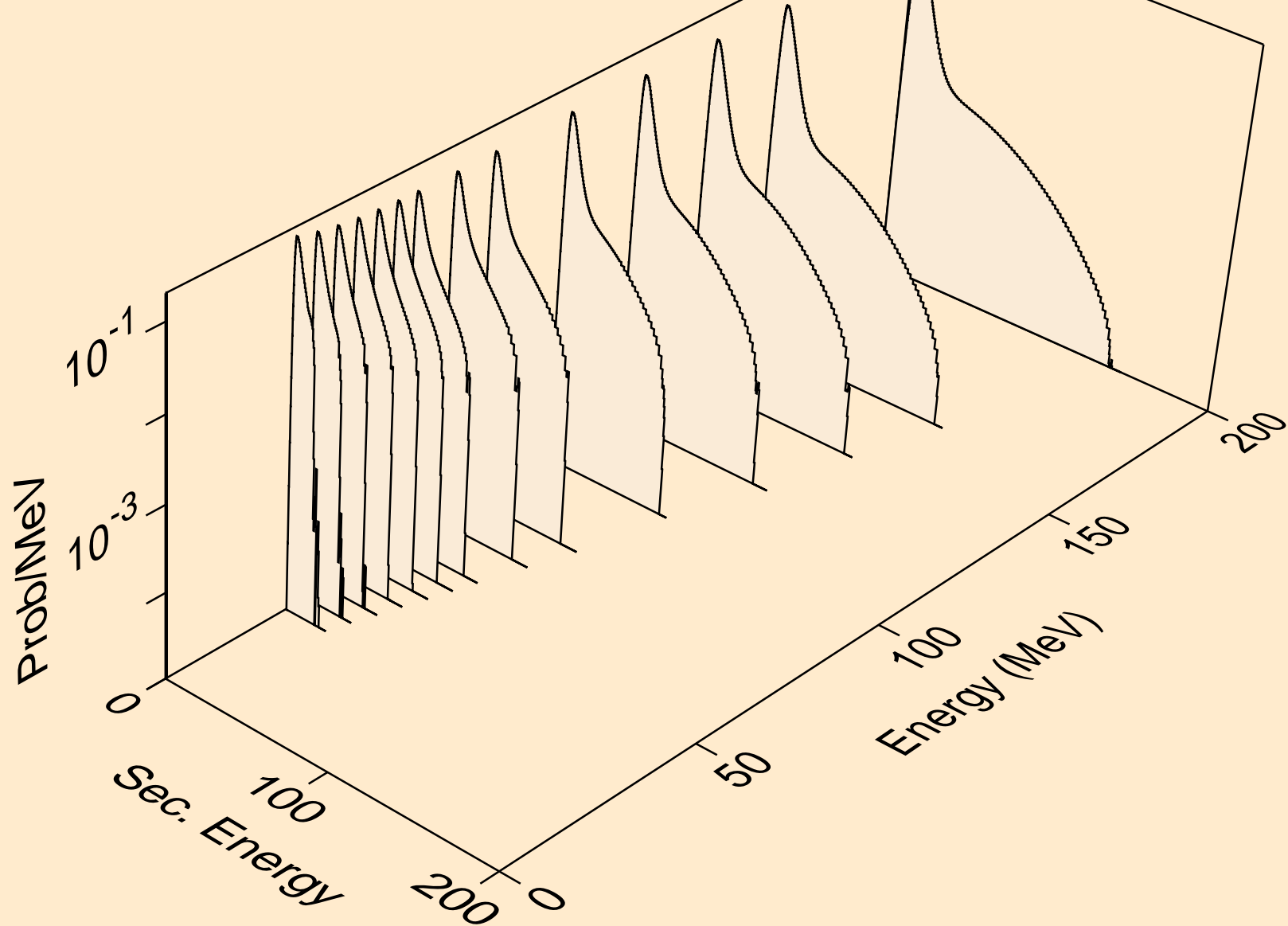
F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pd)



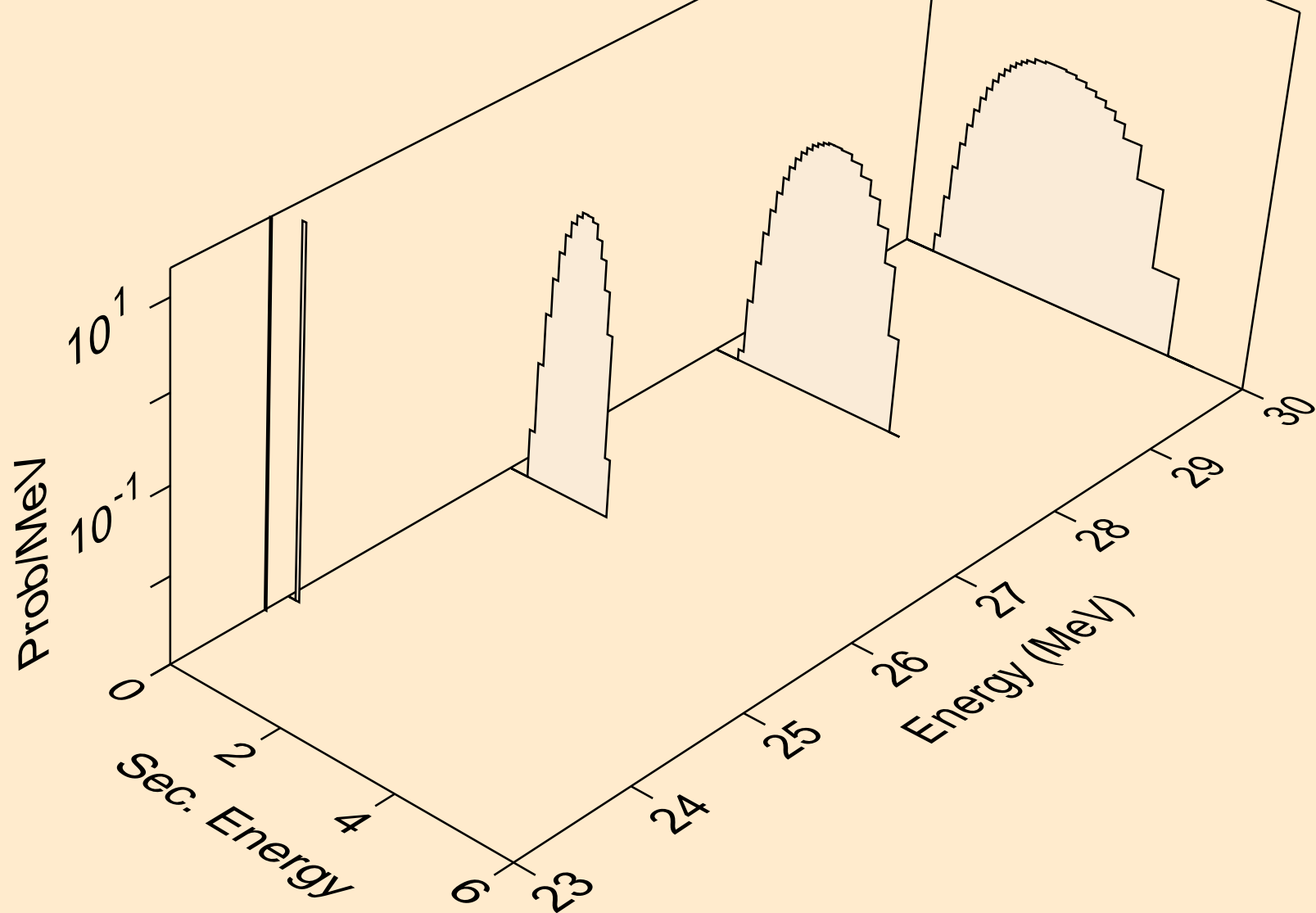
F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pt)



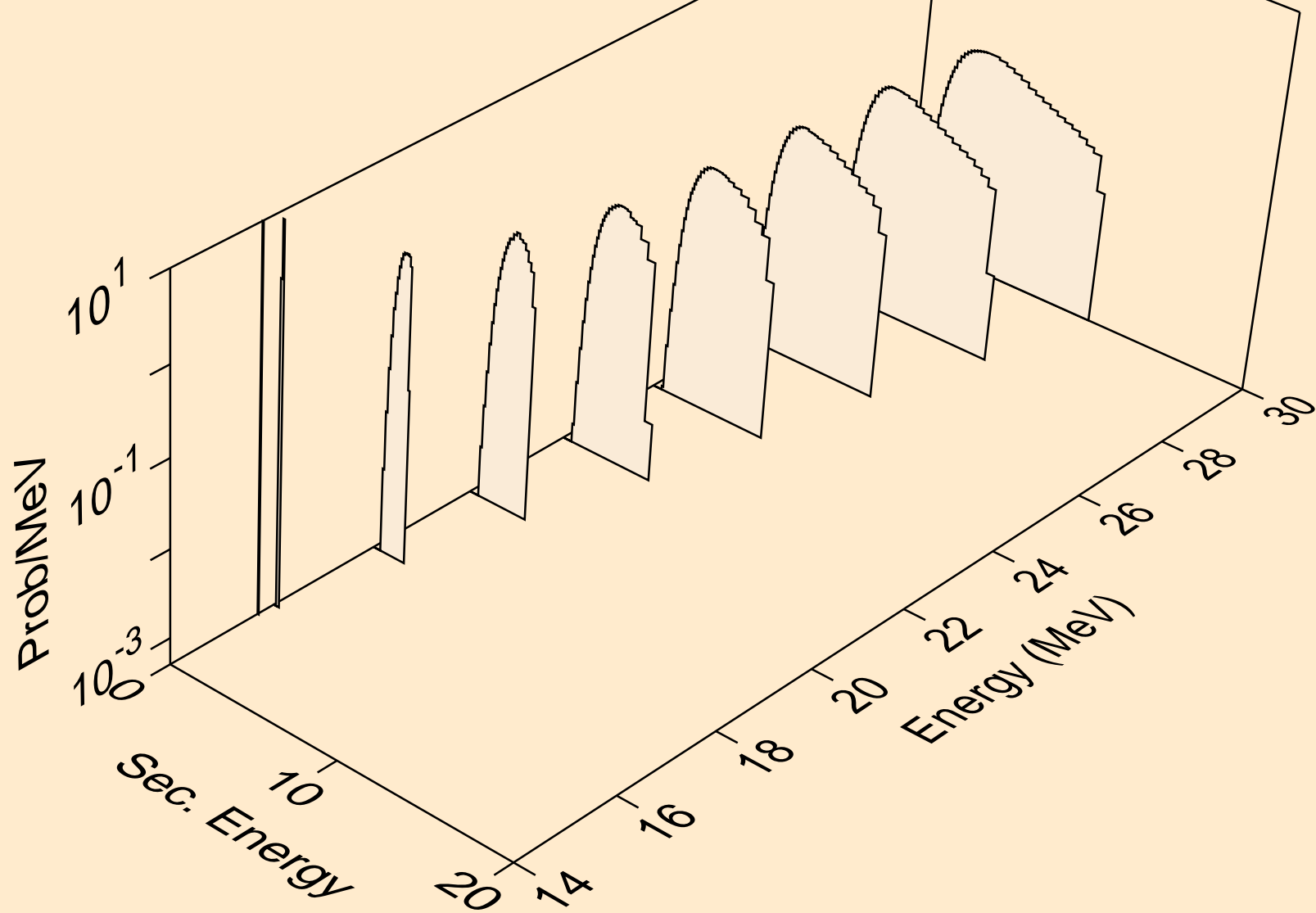
F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)



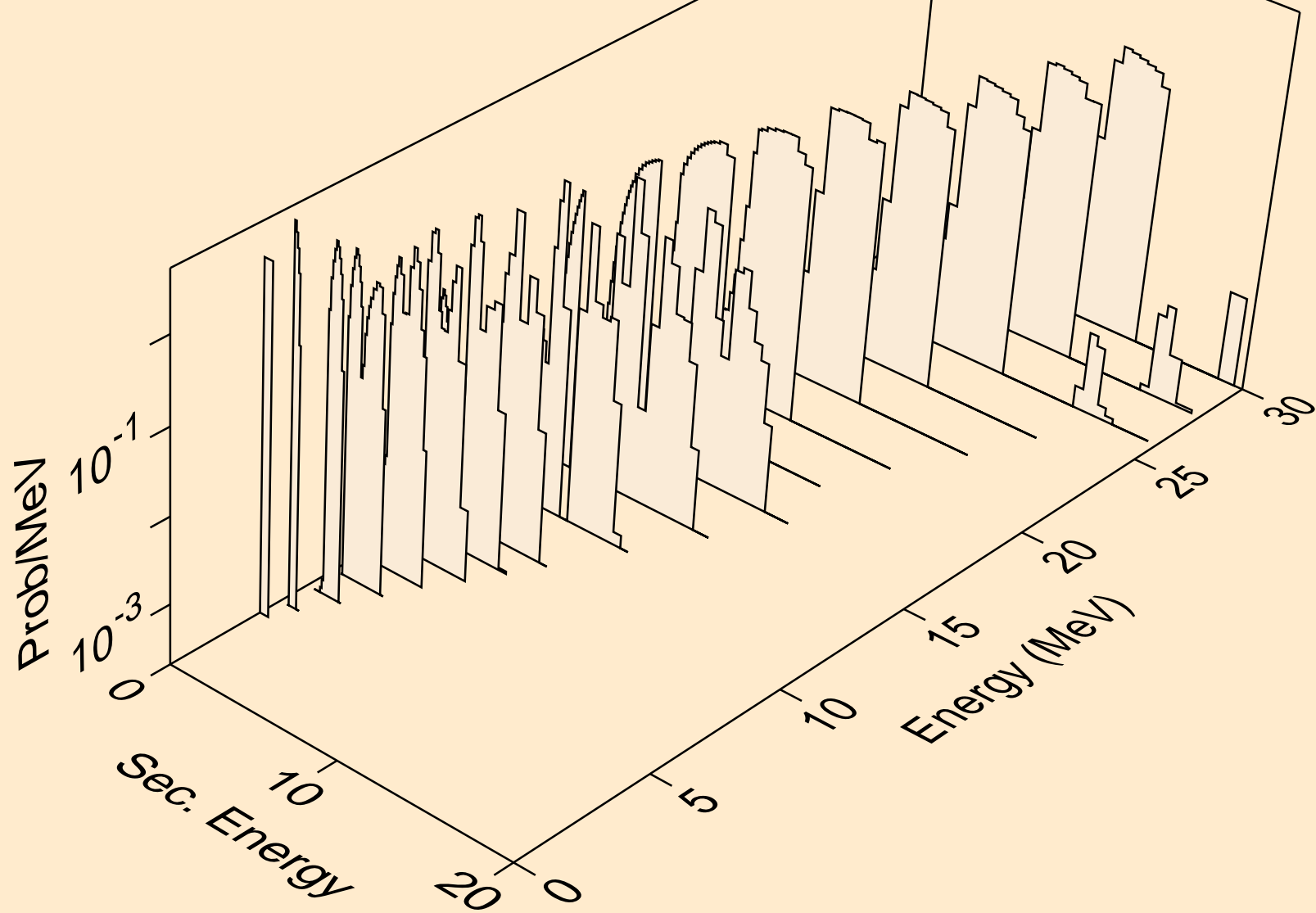
F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,2nd)



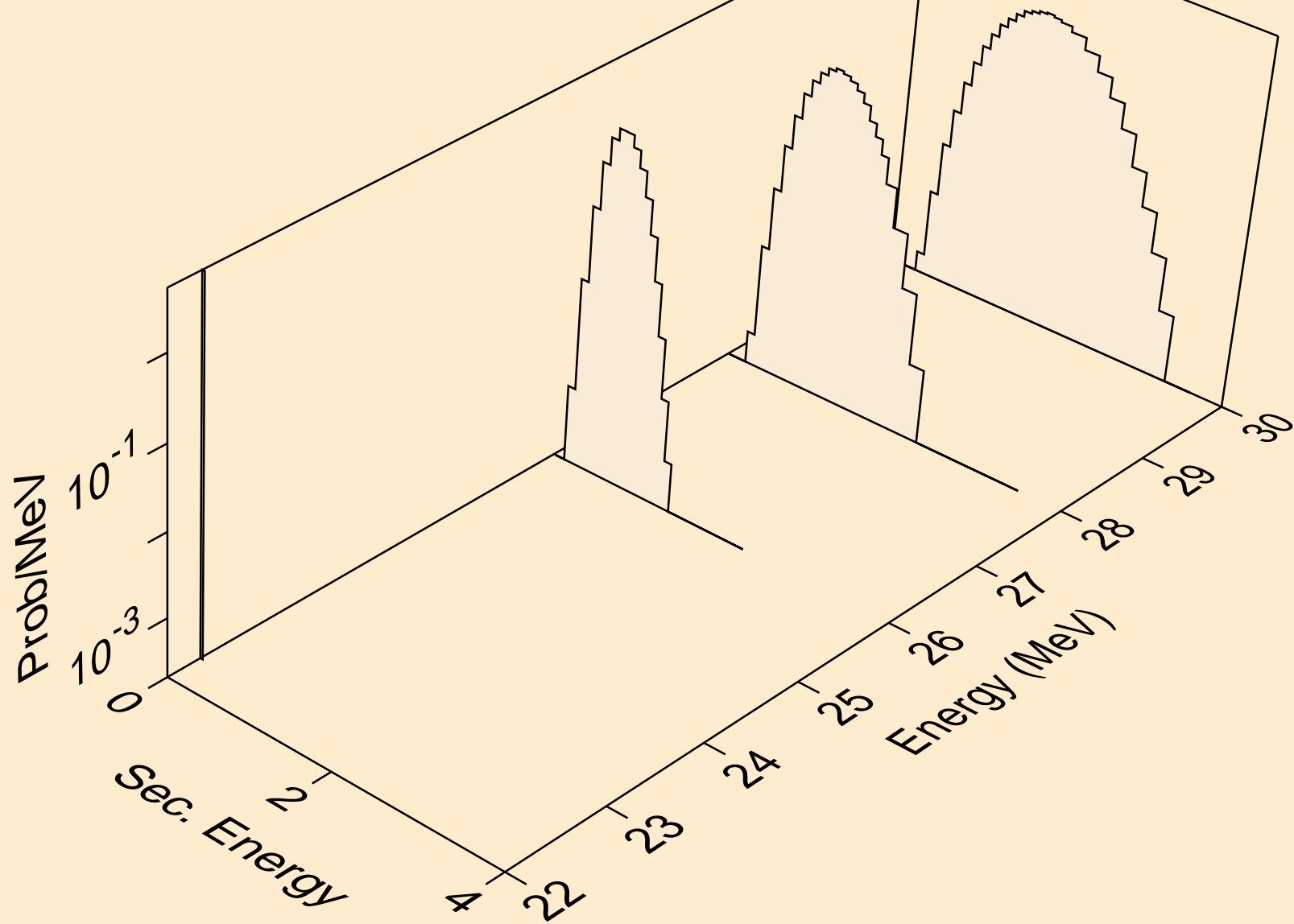
F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,n\*)d



F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,d)

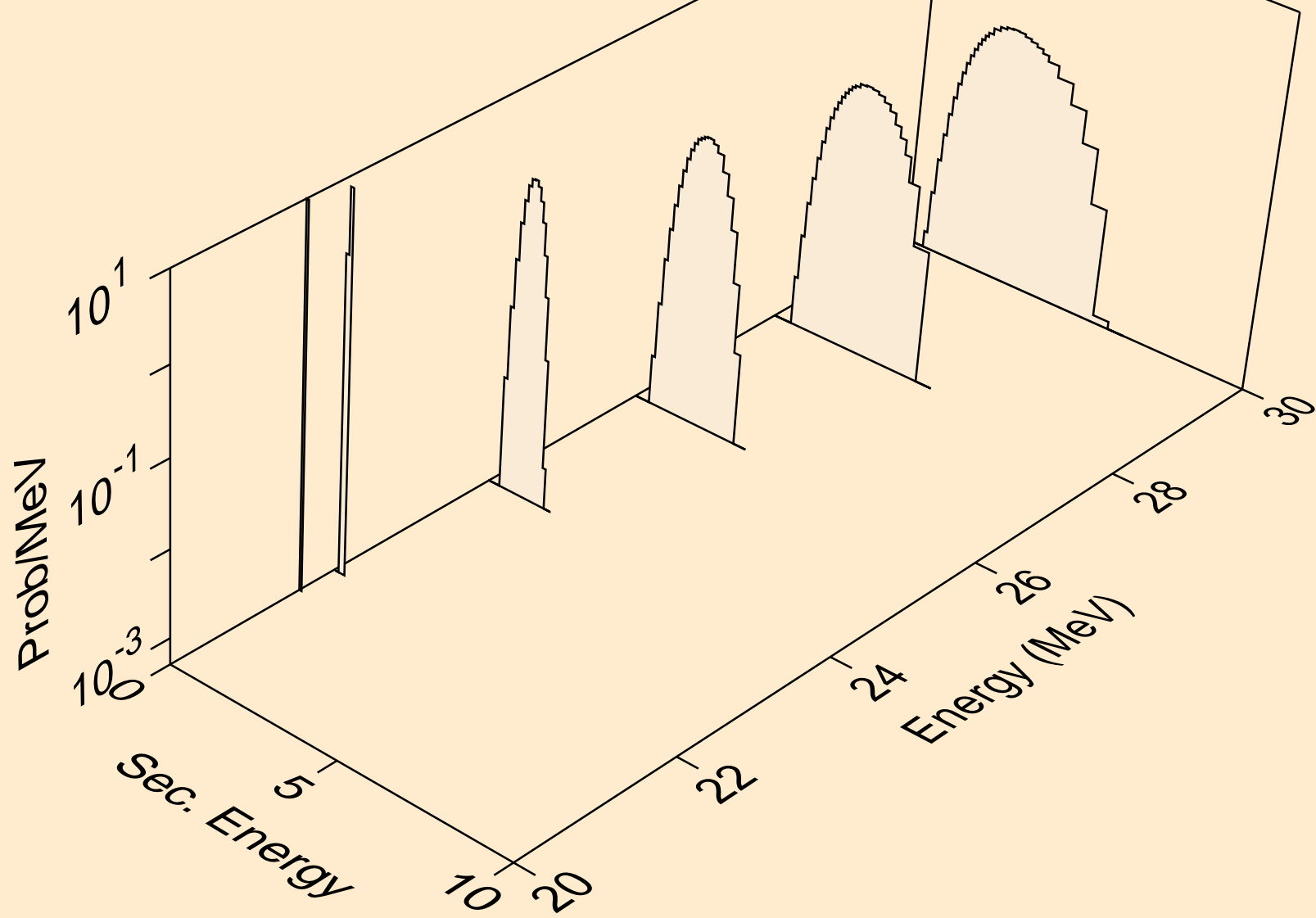


F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,d2a)

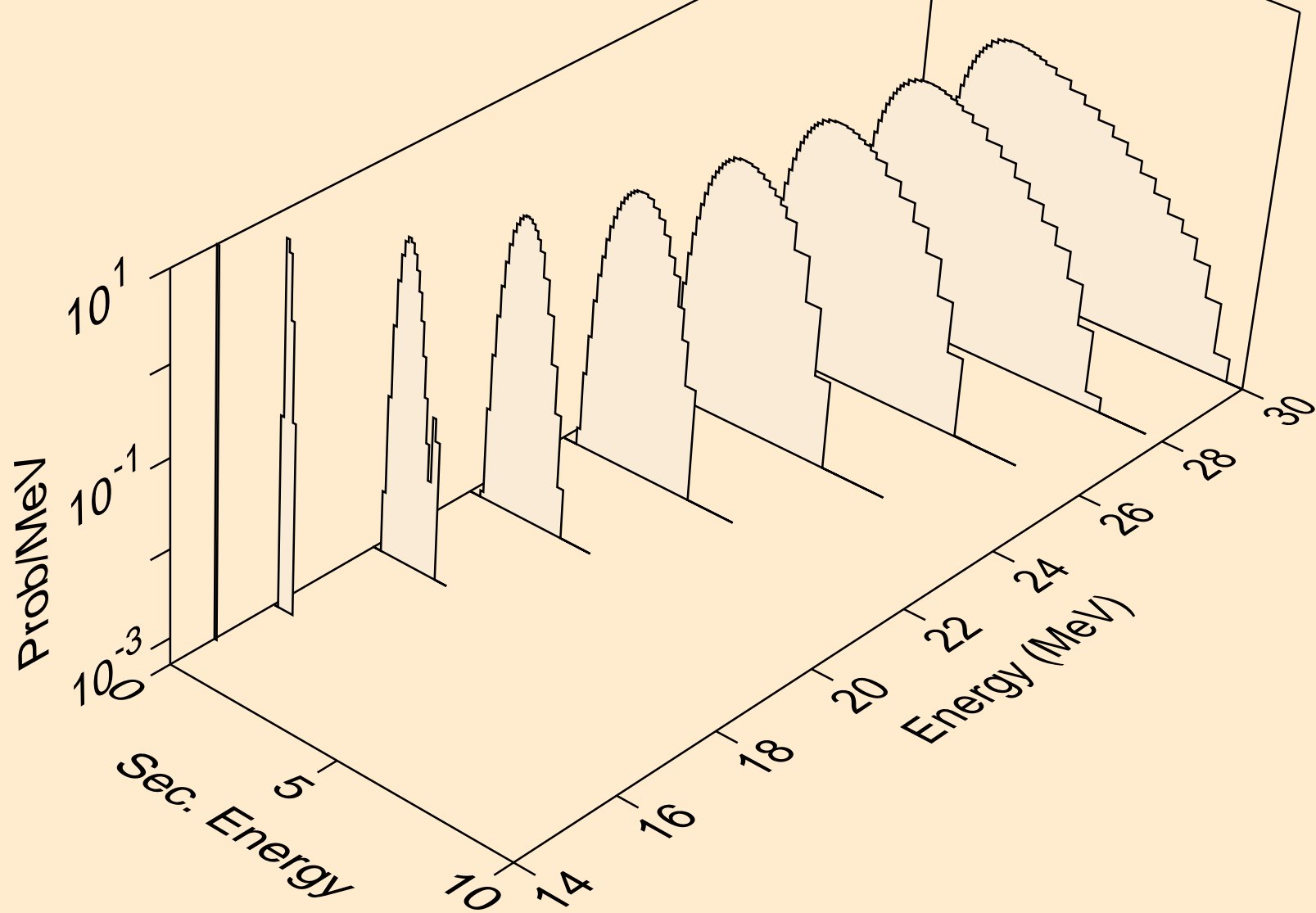




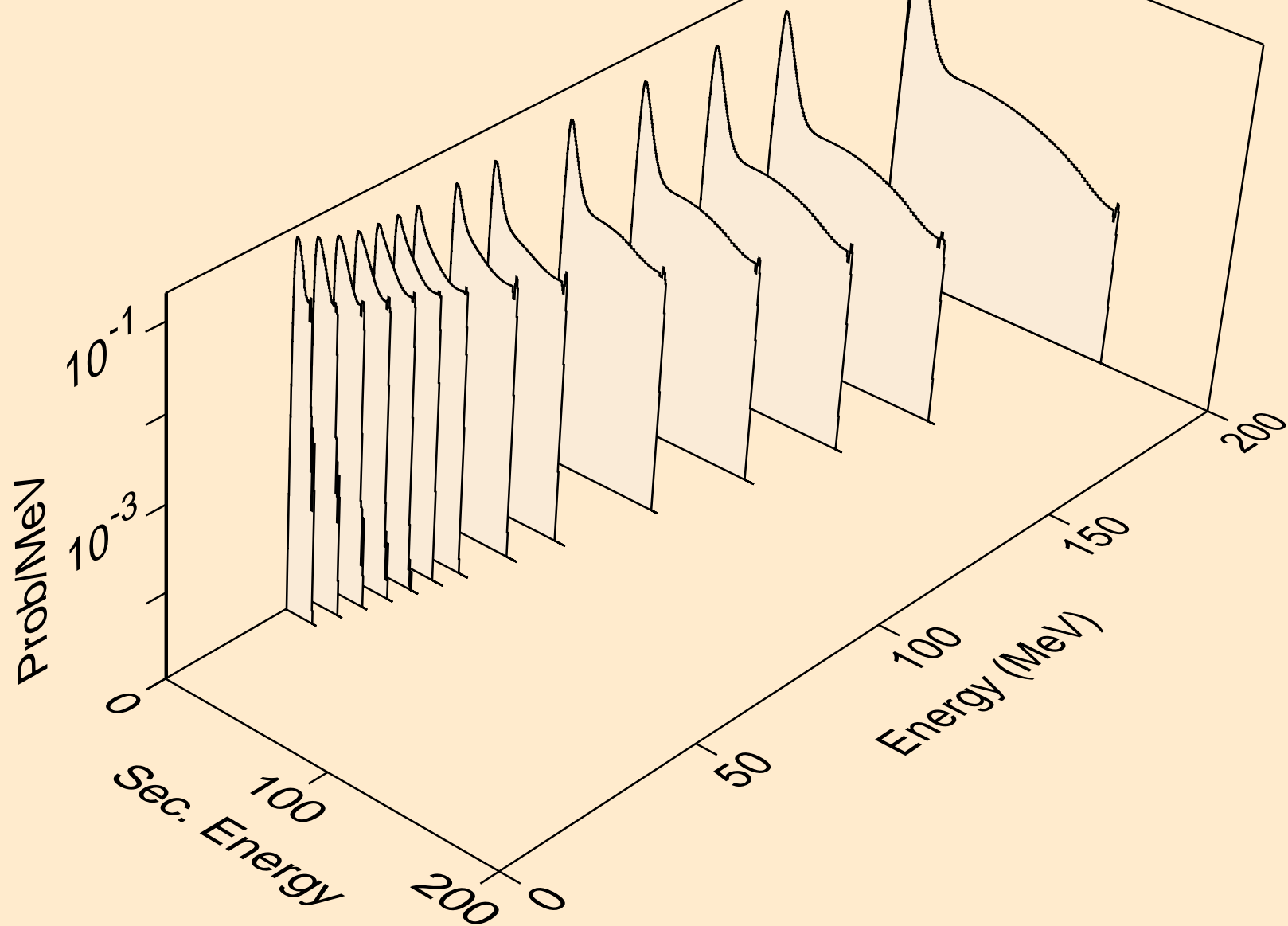
F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,pd)



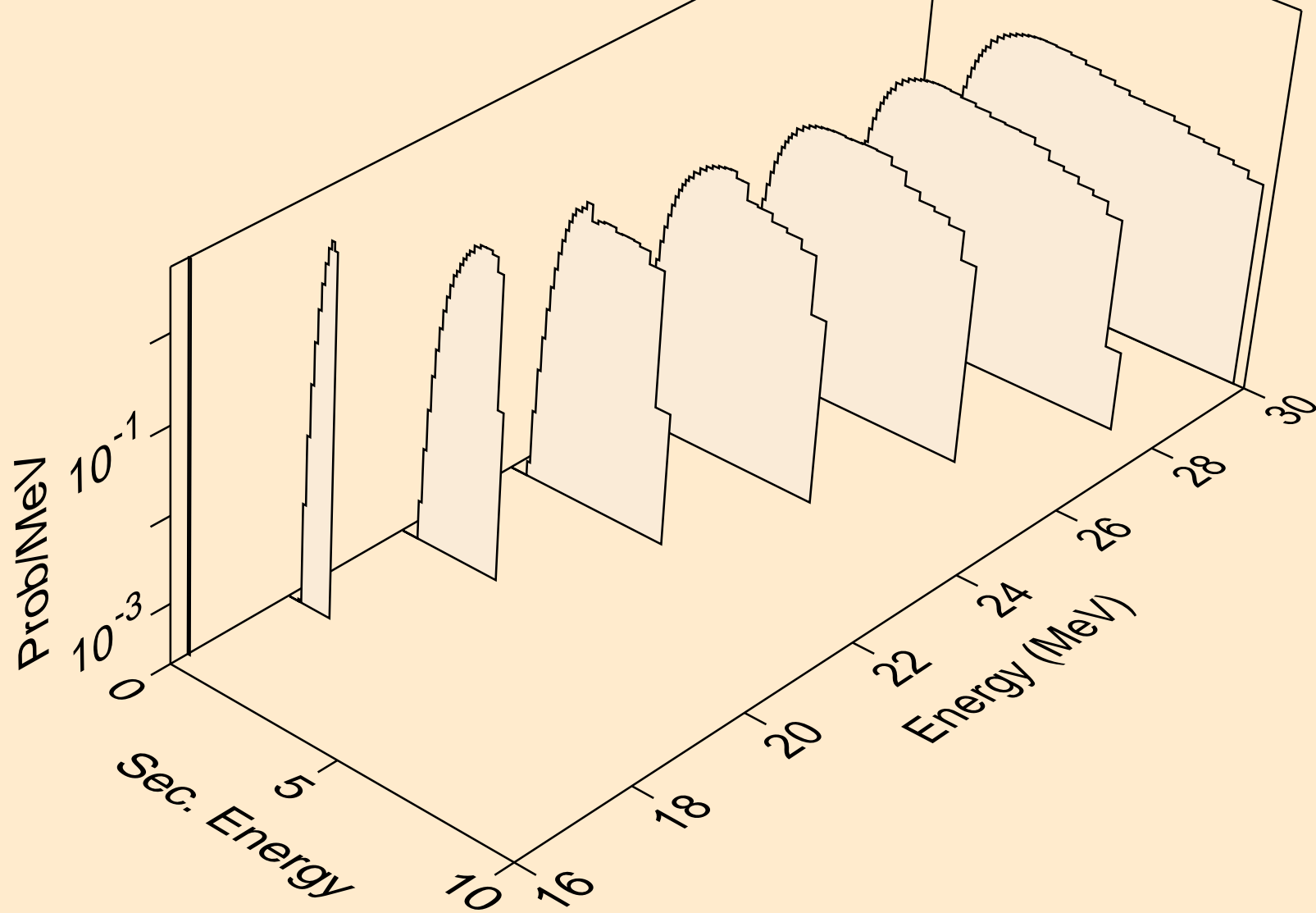
F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,da)



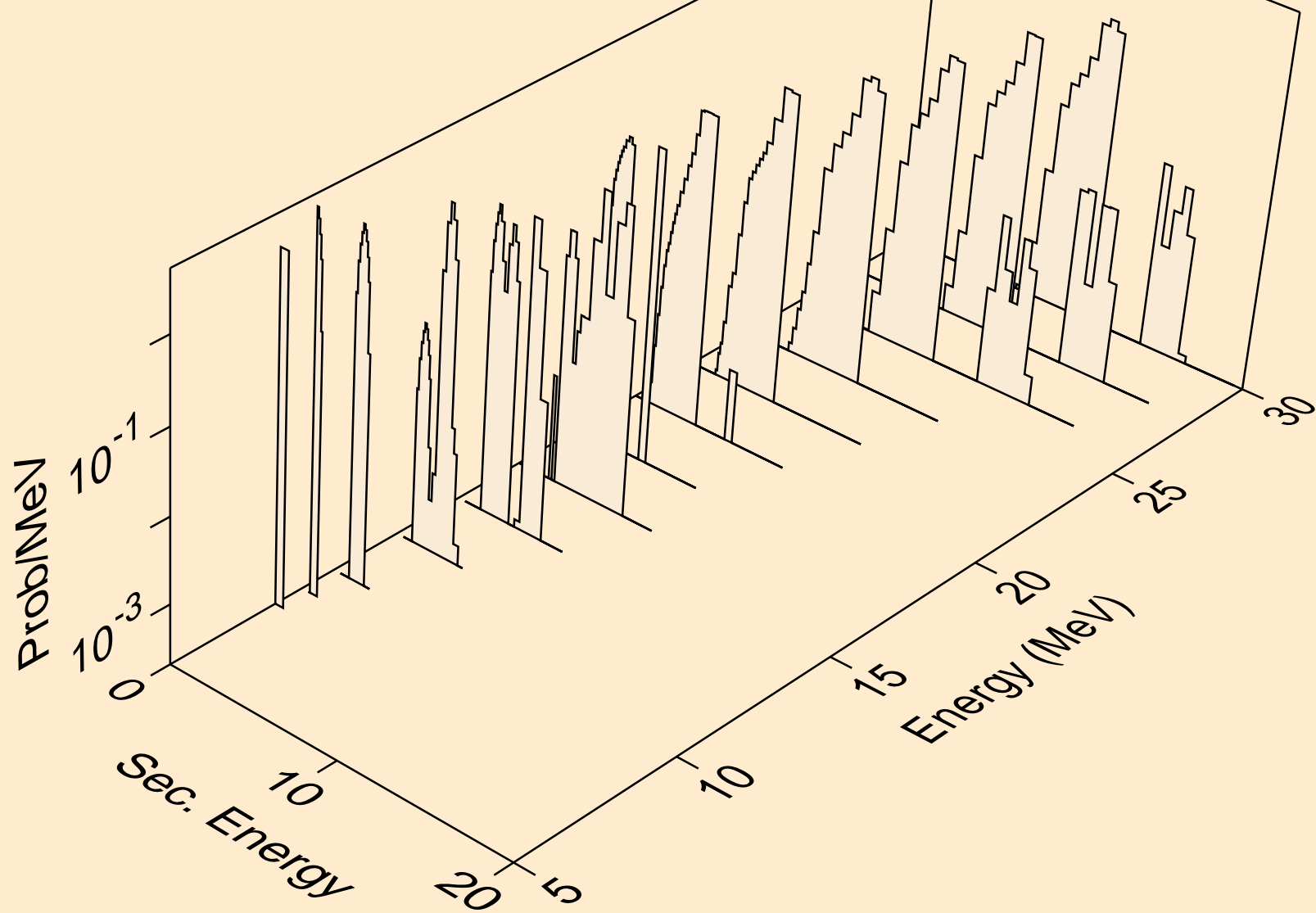
F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)



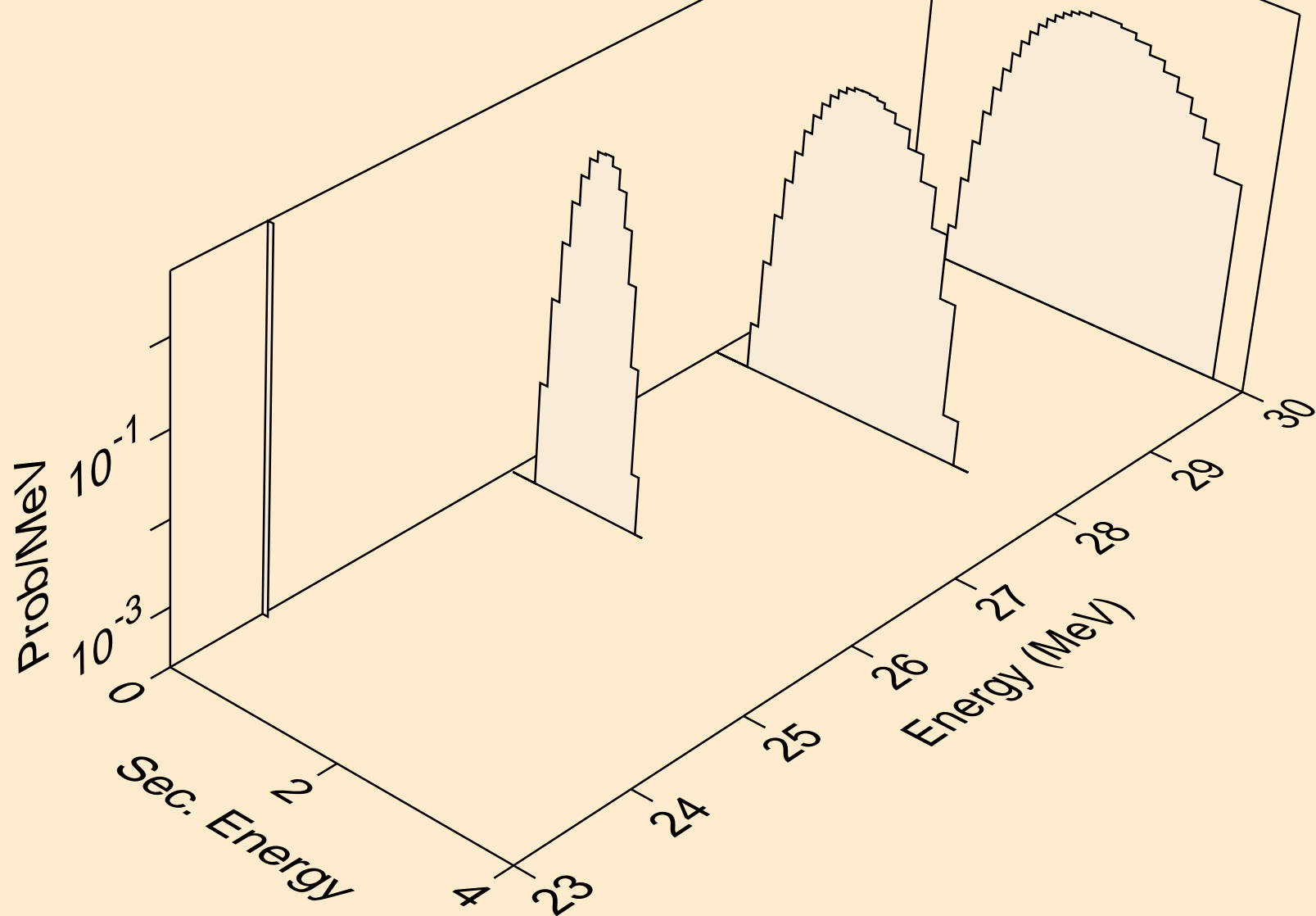
F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,n\*)t



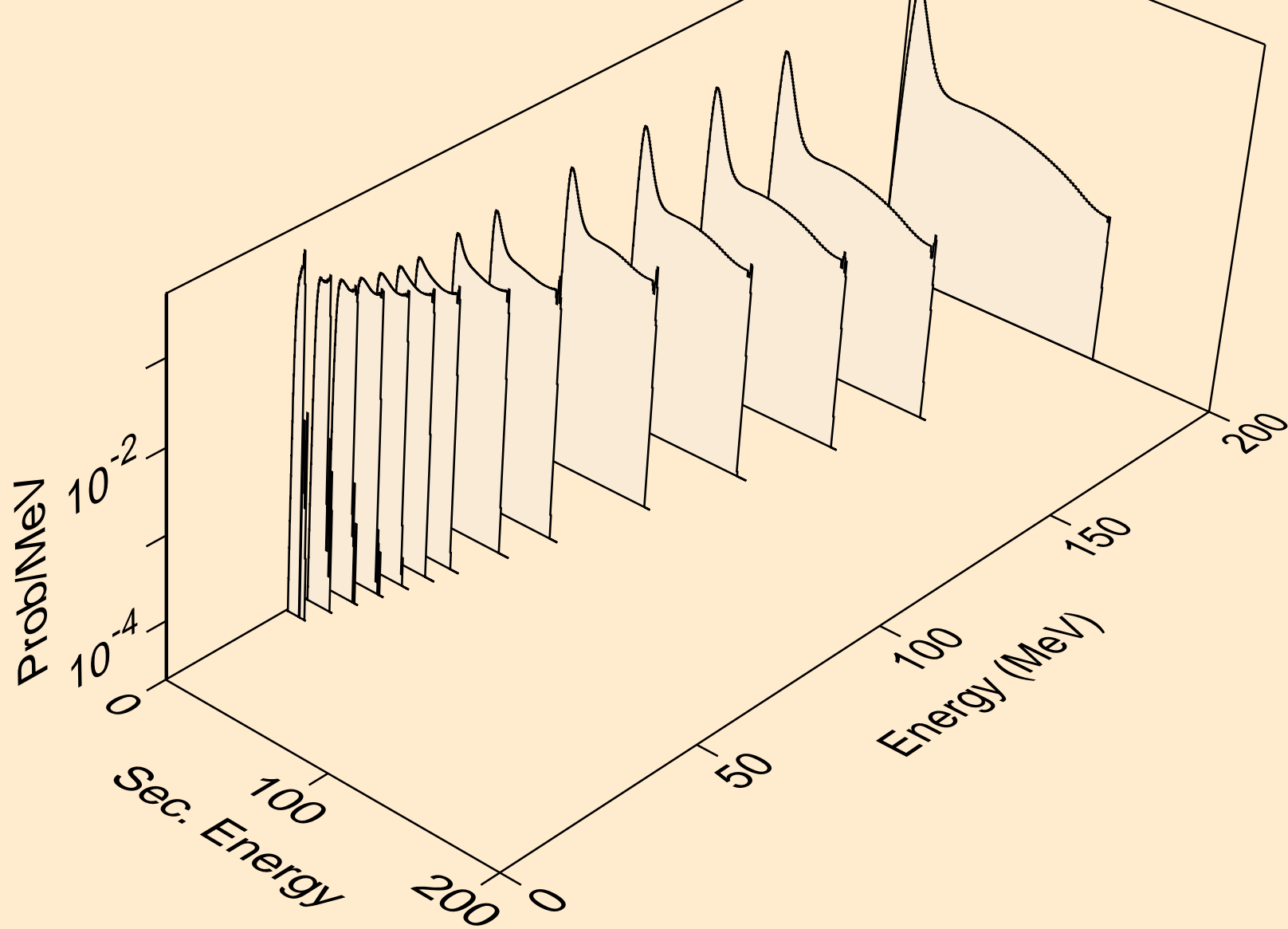
F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)



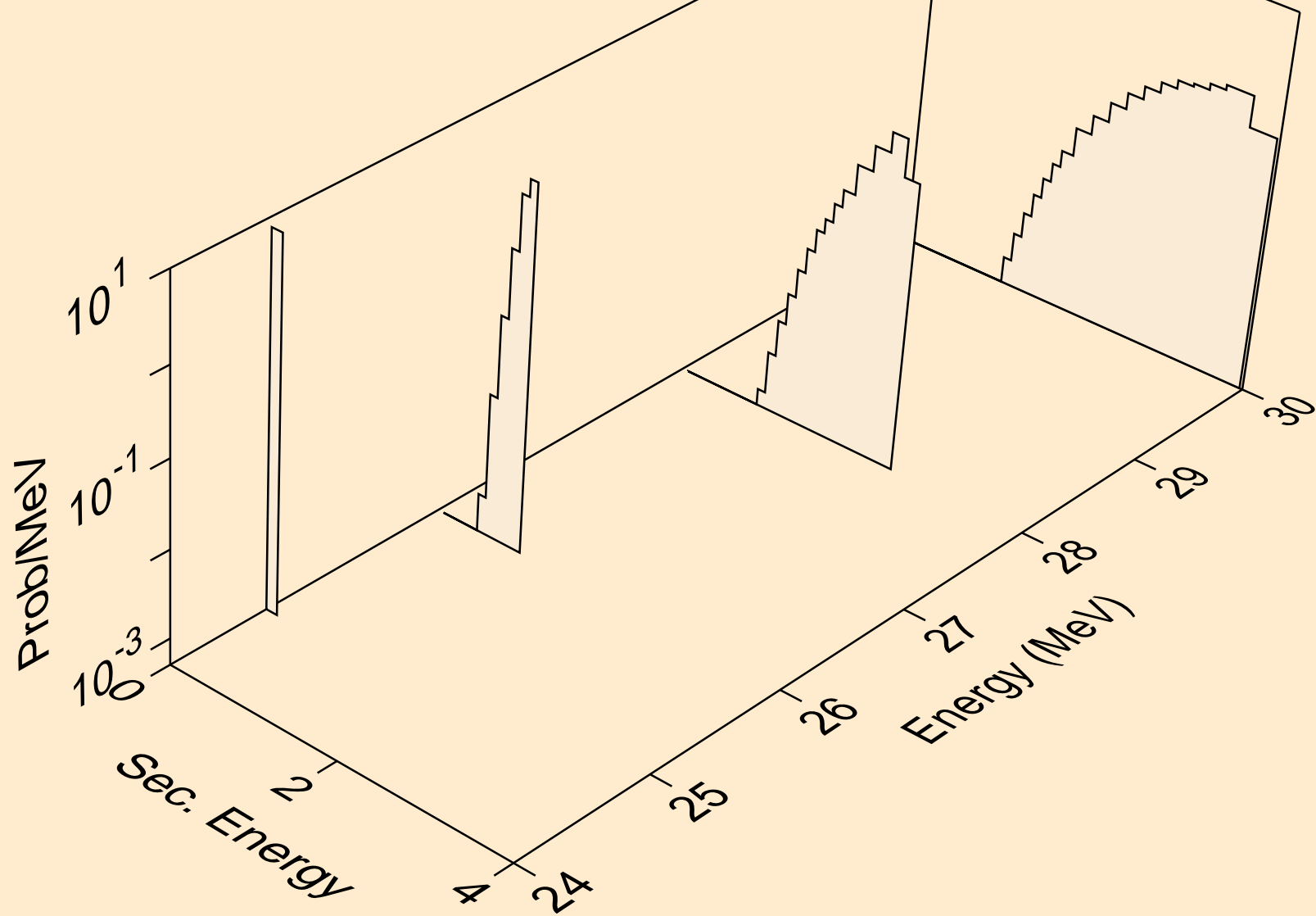
F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,pt)



F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,n\*)he3





F020 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

