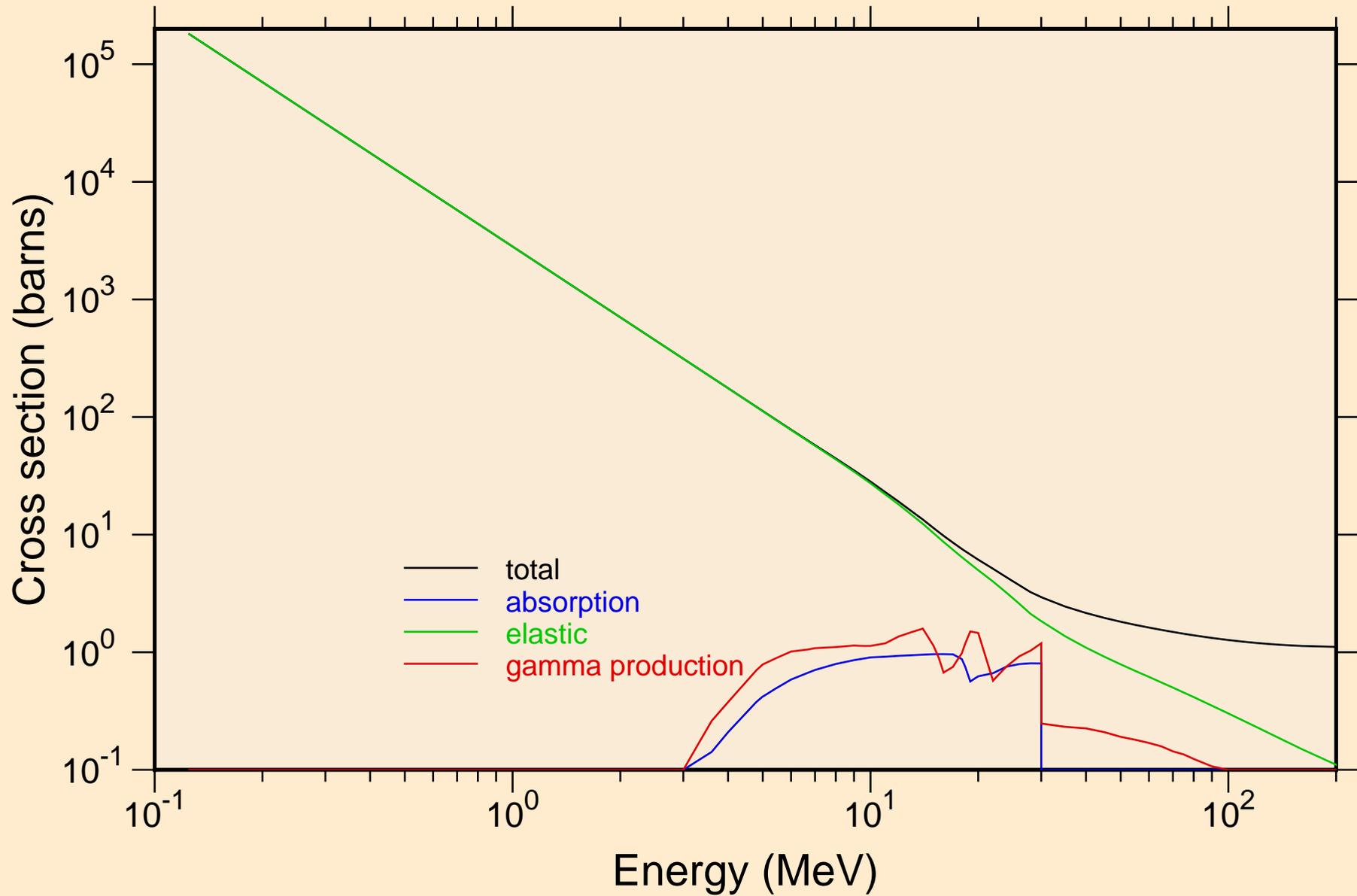
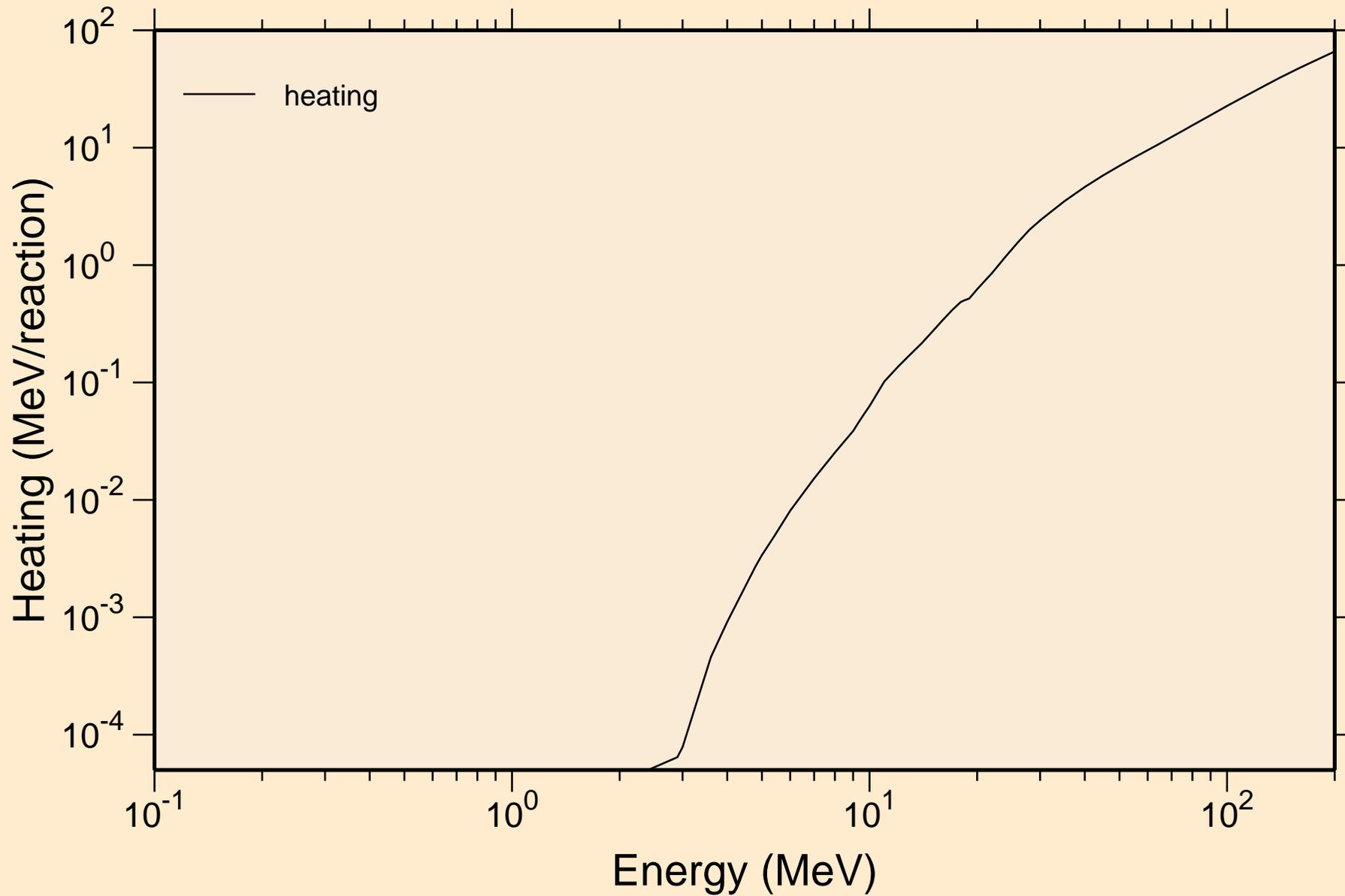


F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Principal cross sections



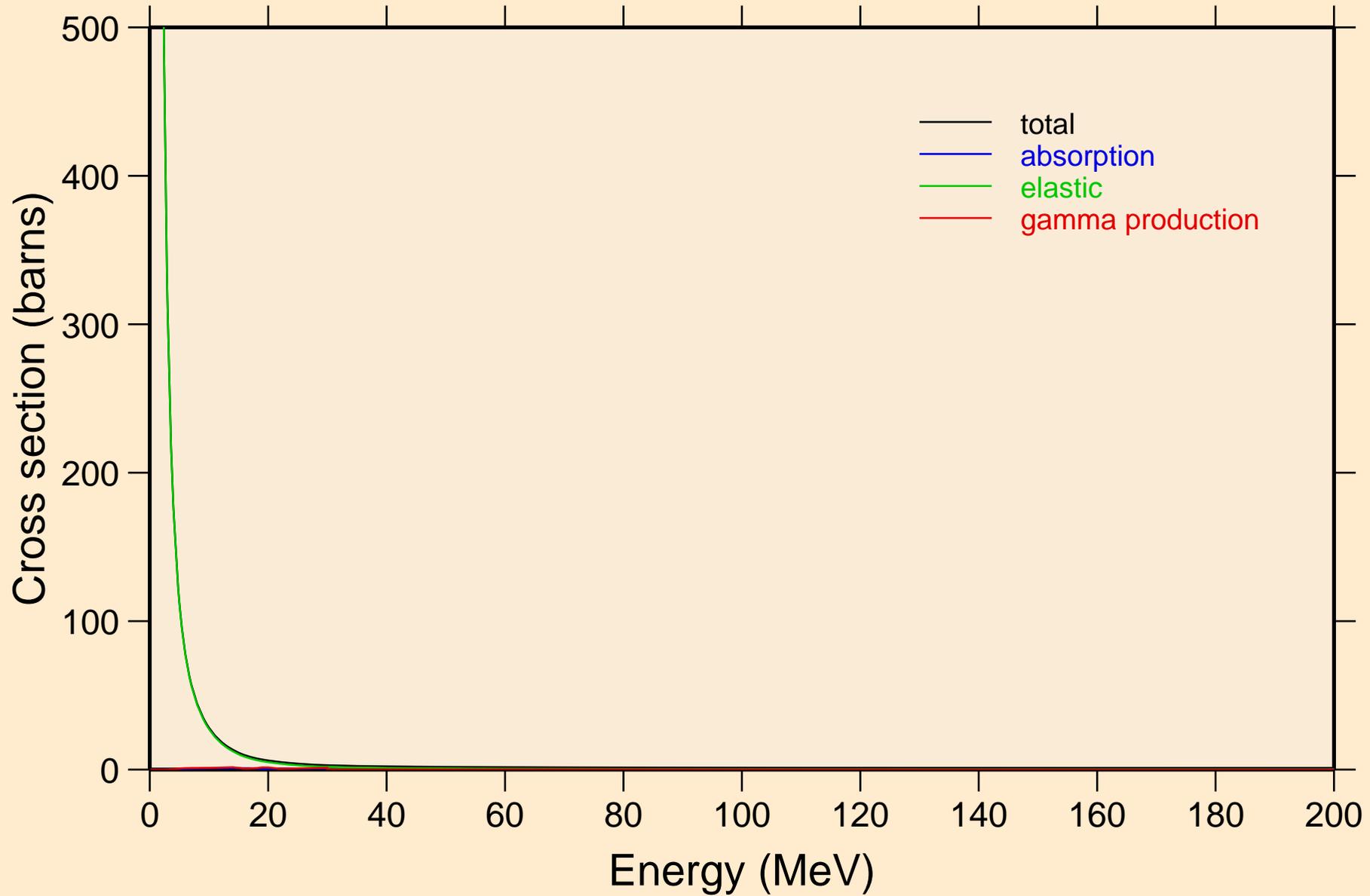
# F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Heating



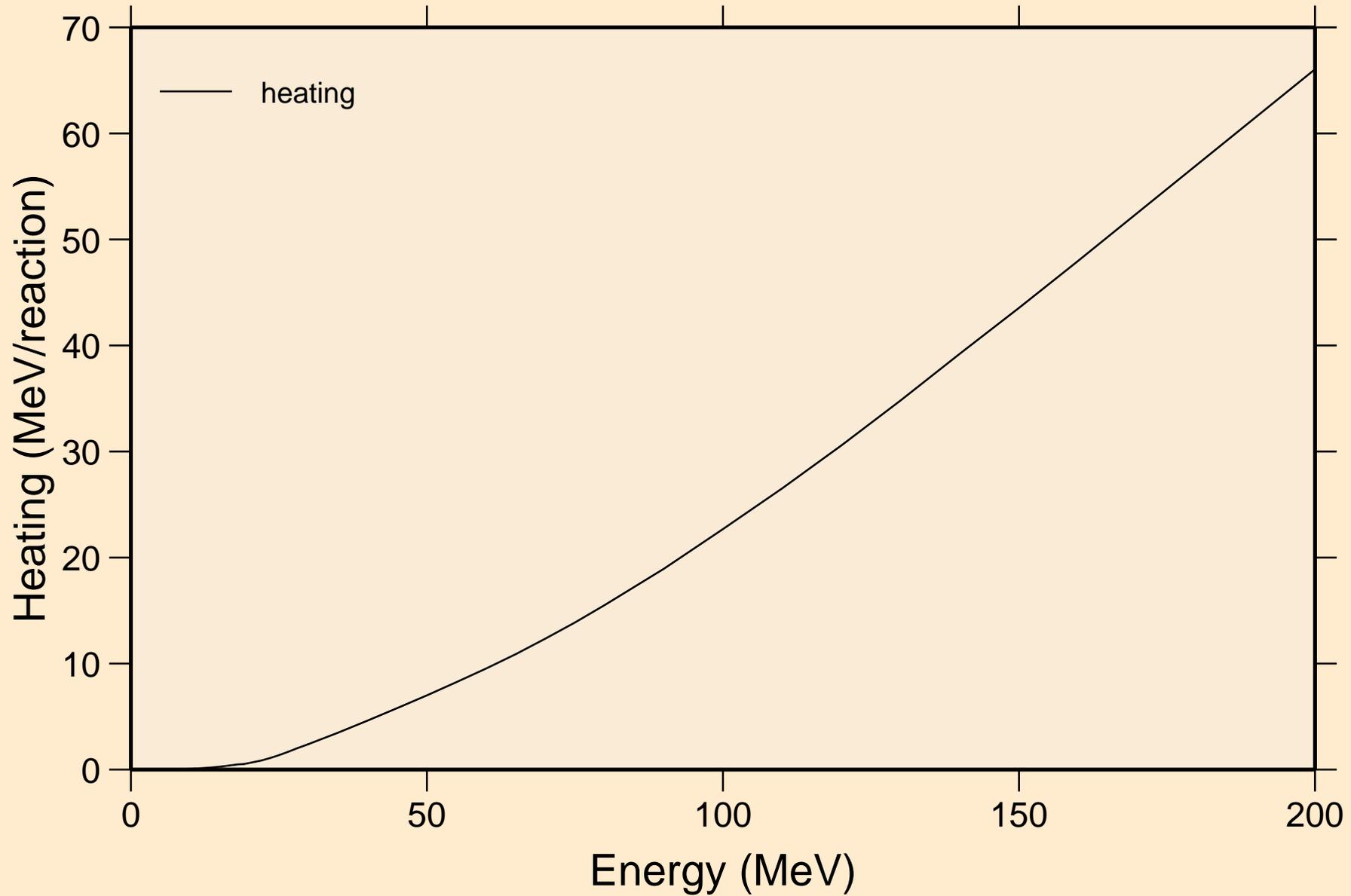
# F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

## Principal cross sections

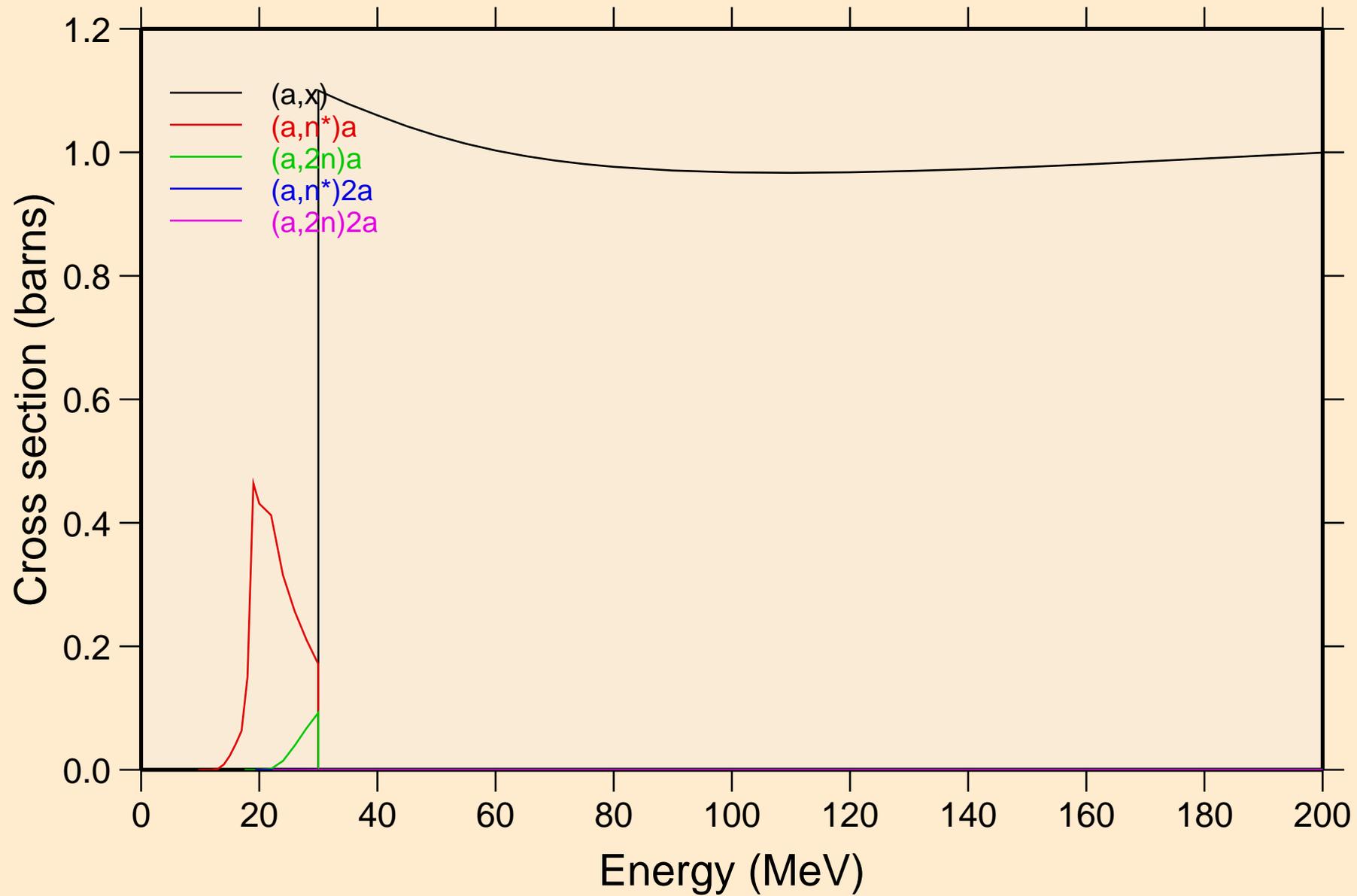


F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

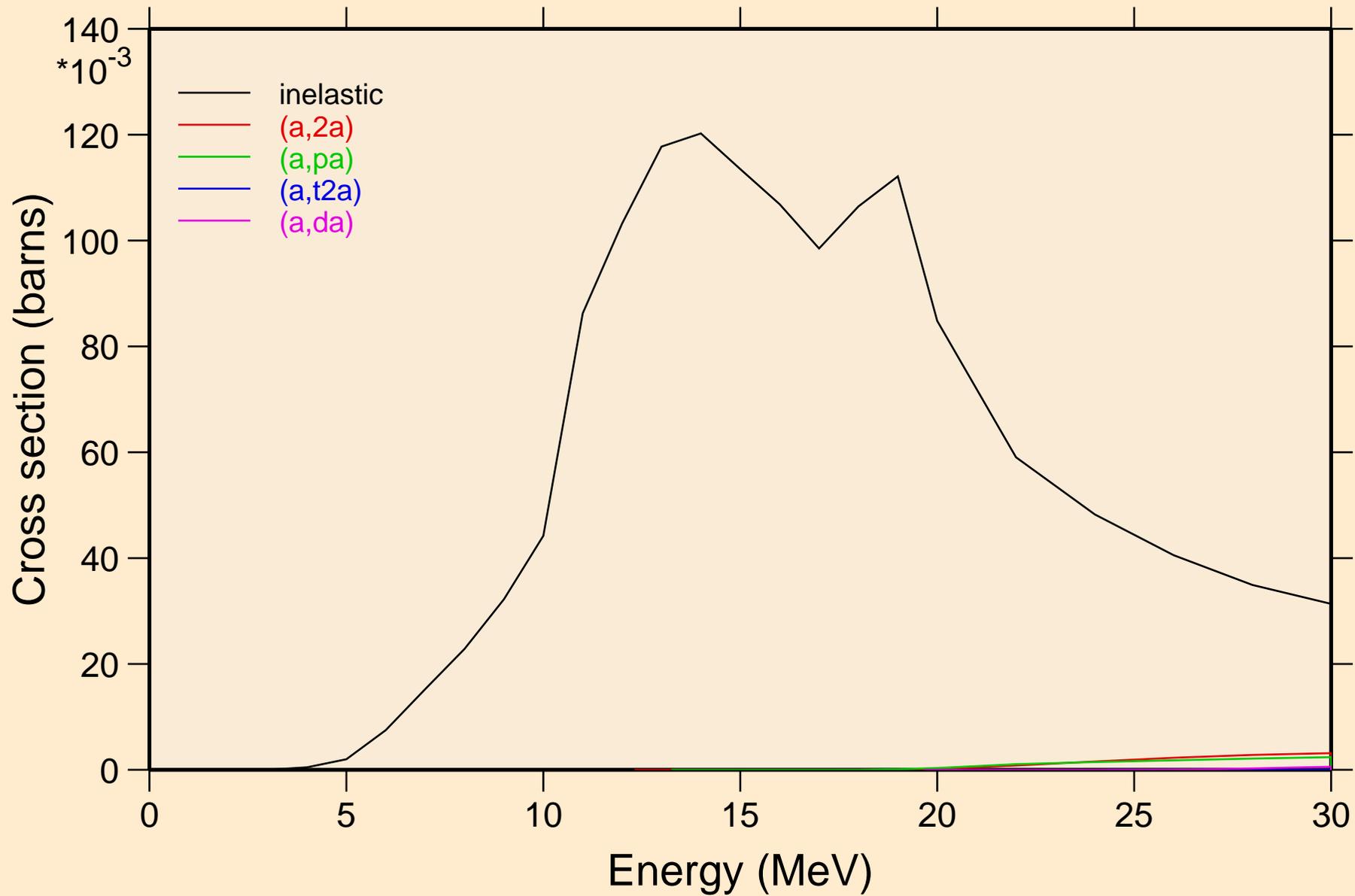
Heating



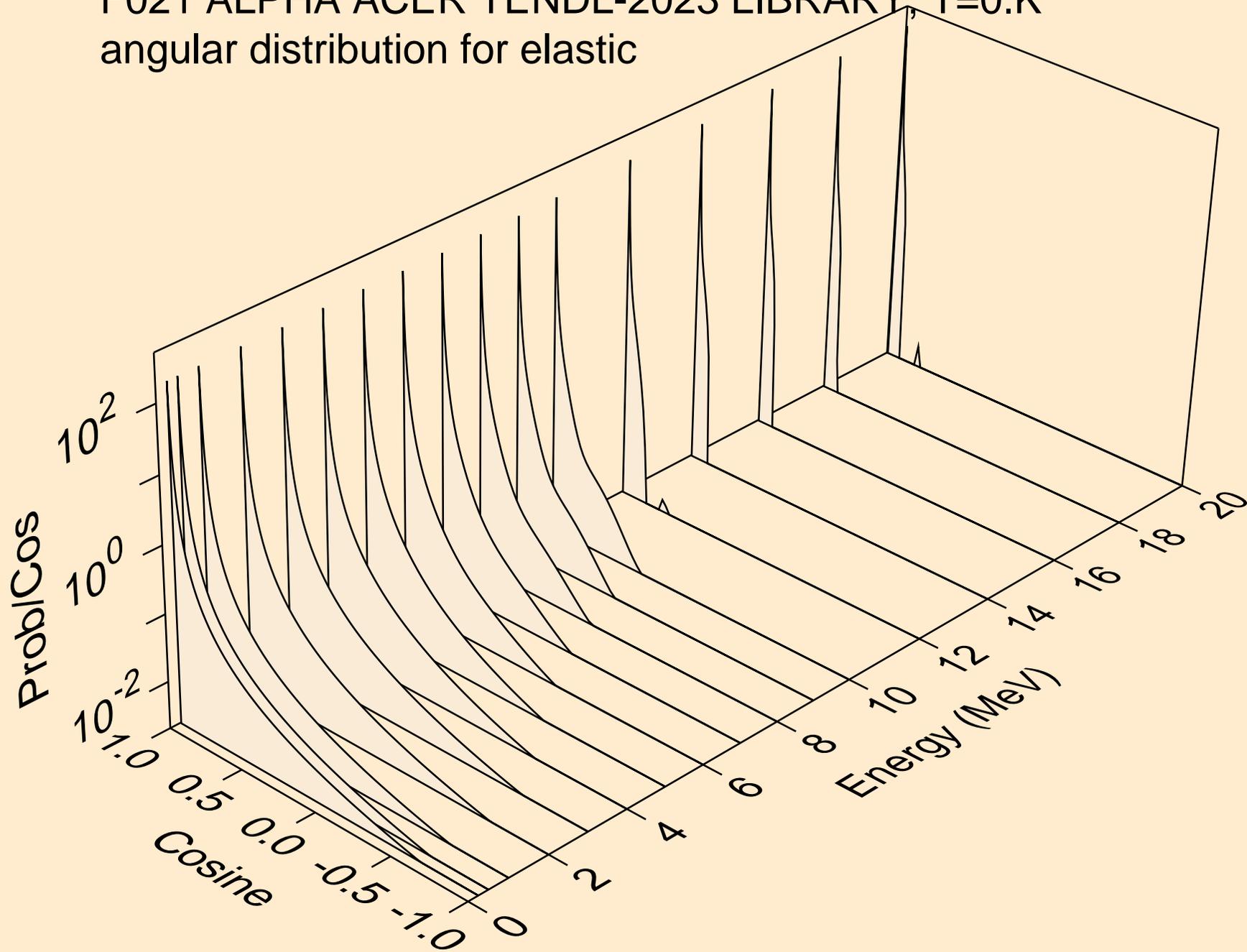
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



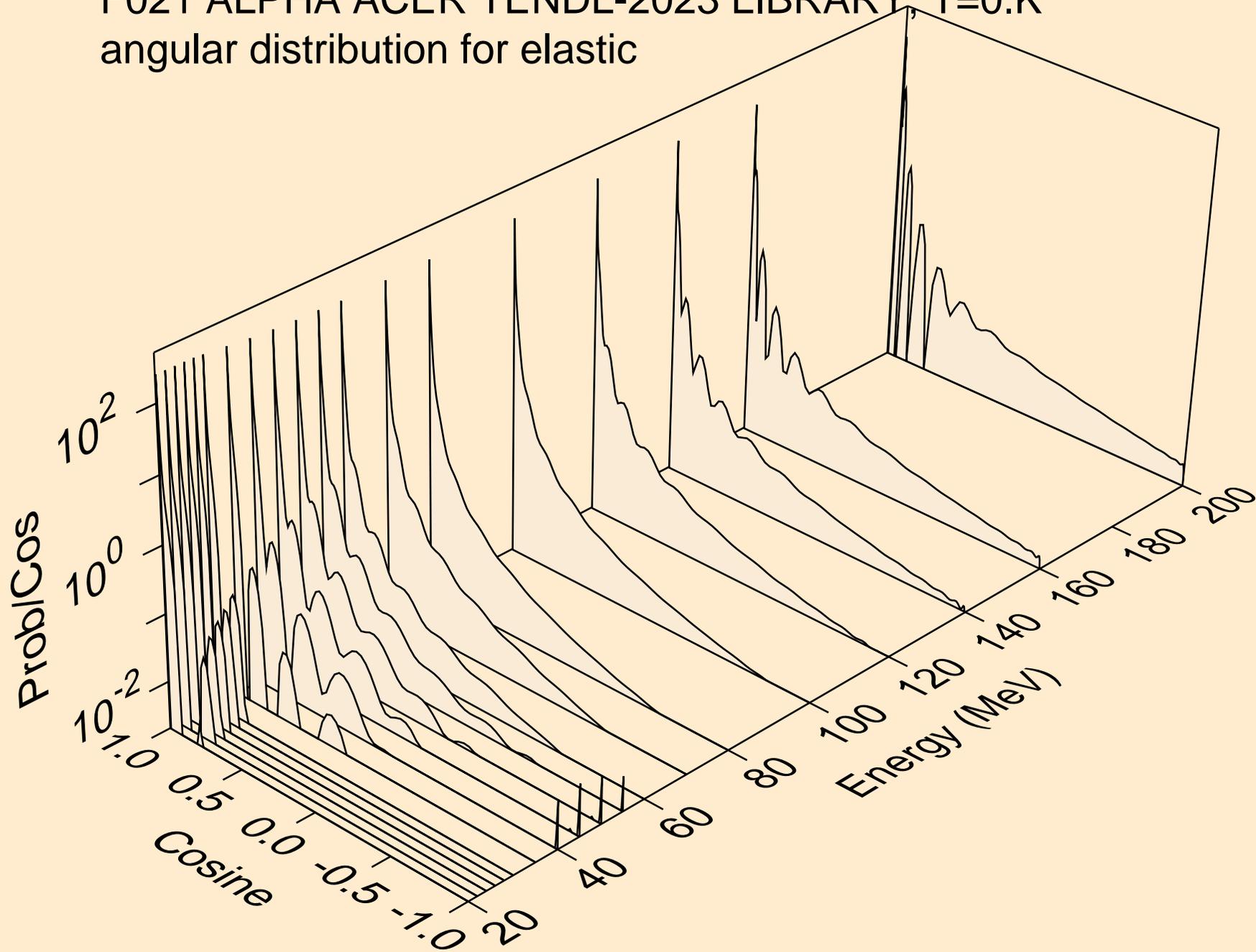
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Threshold reactions



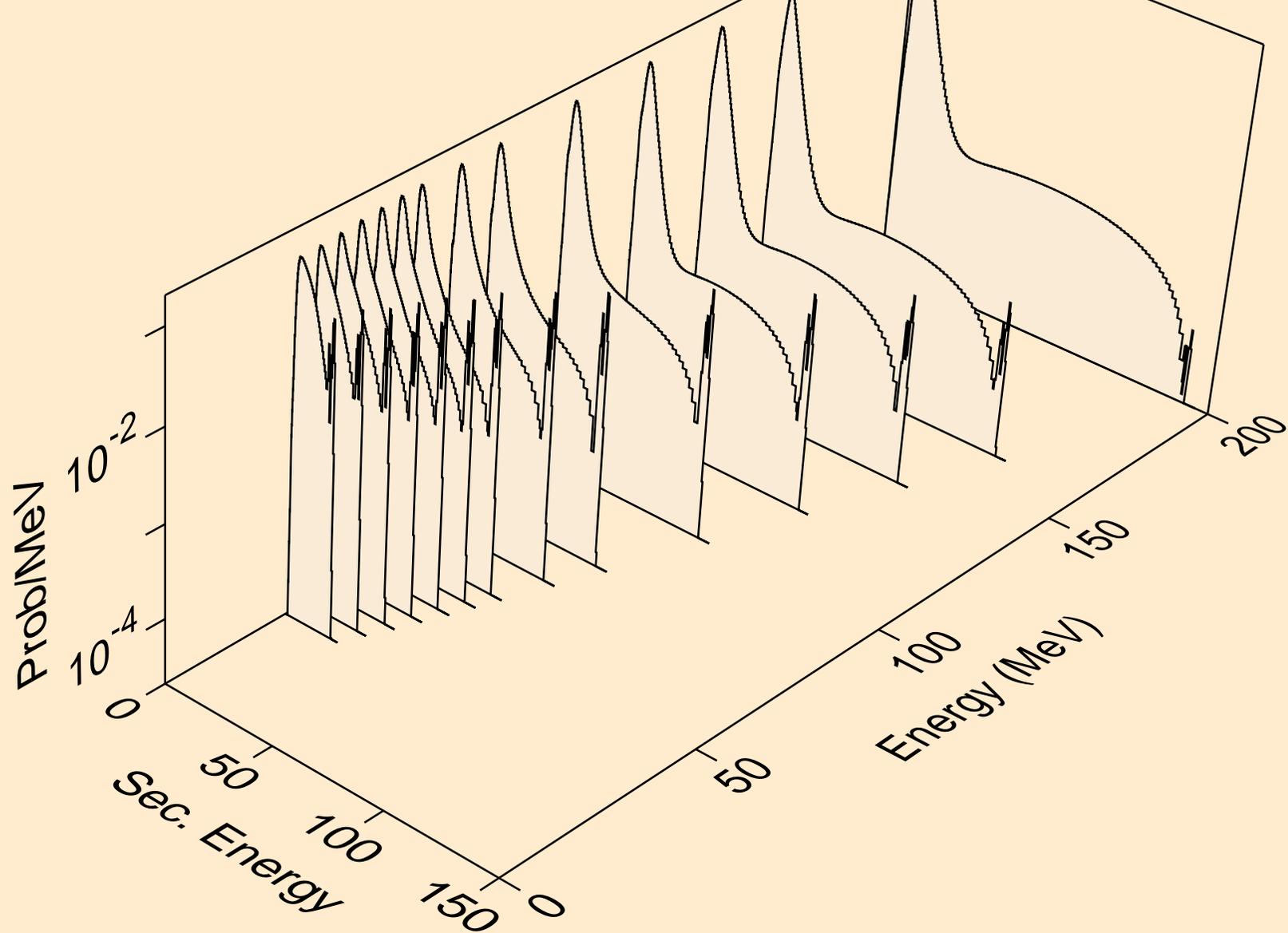
F021 ALPHA ACER TENDL-2023 LIBRARY: T=0.K  
angular distribution for elastic



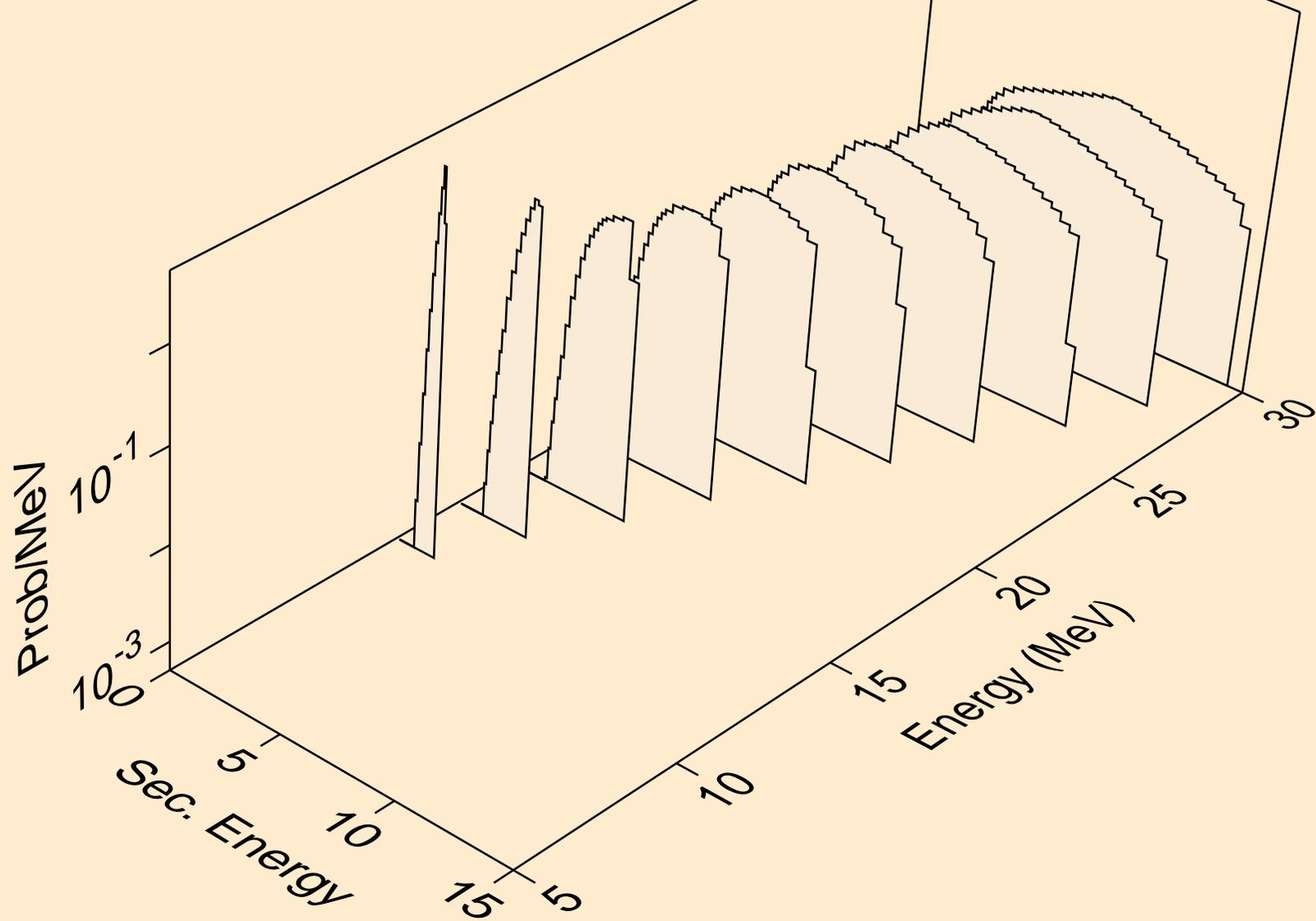
F021 ALPHA ACER TENDL-2023 LIBRARY: T=0.K  
angular distribution for elastic



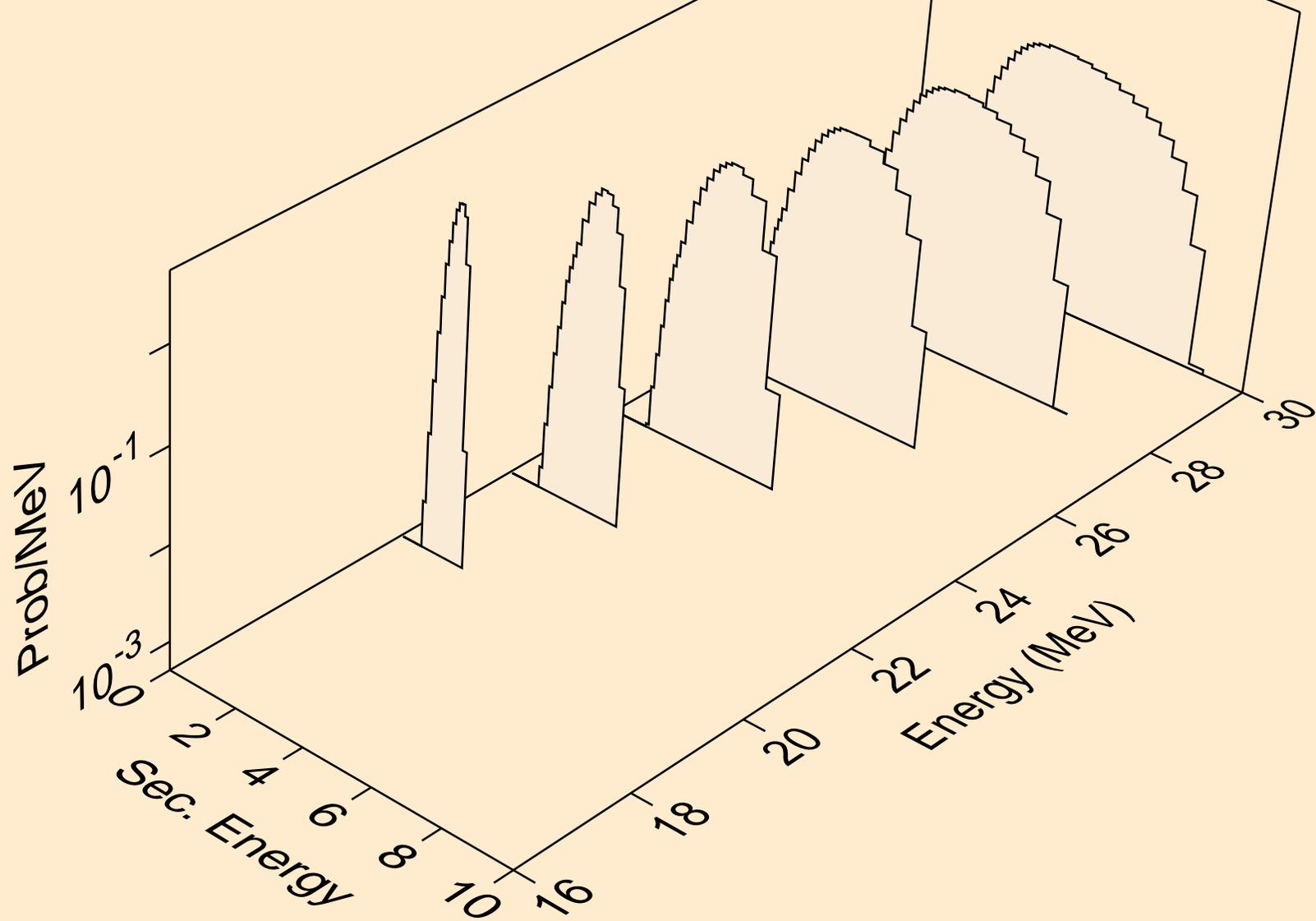
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,x)



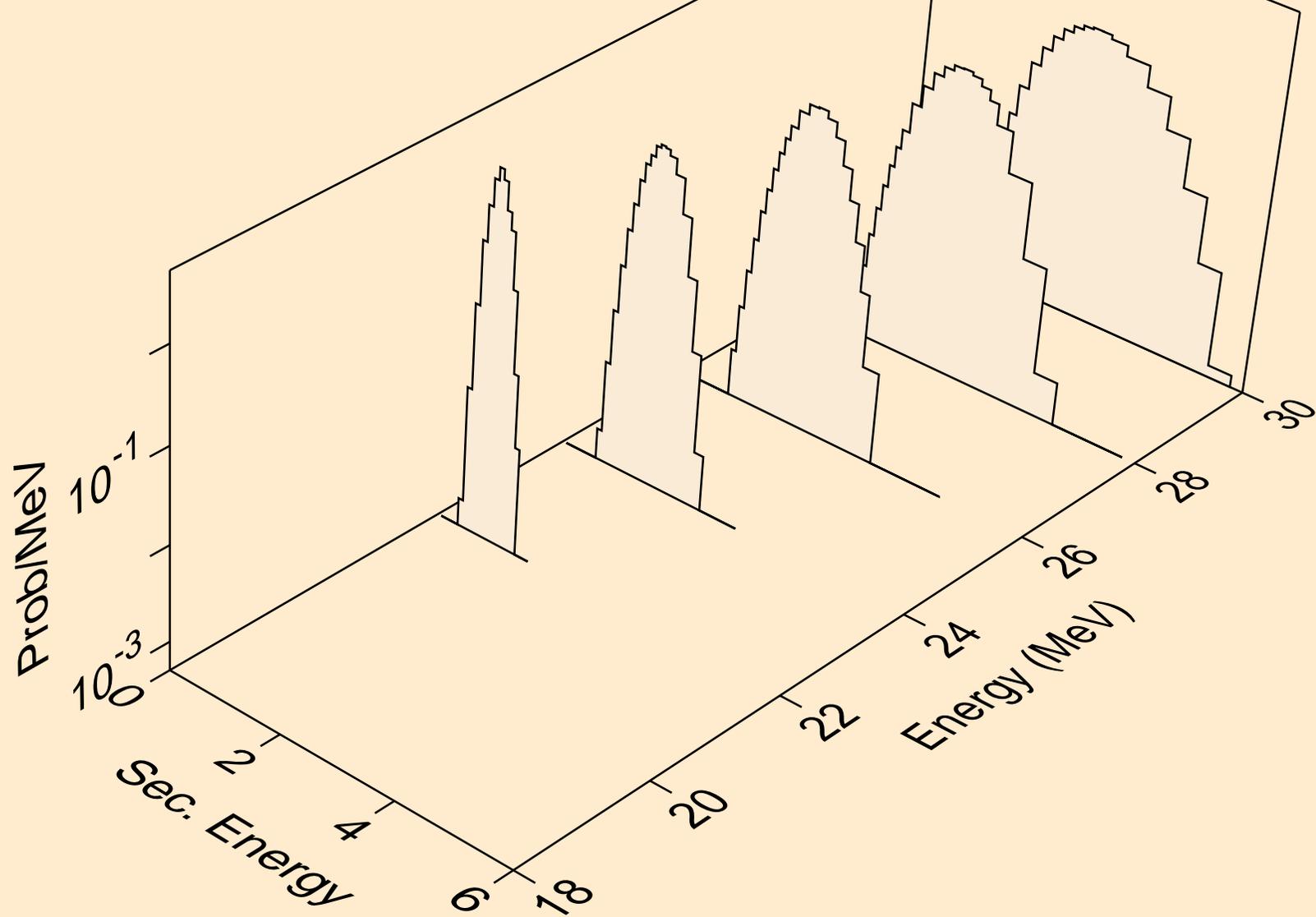
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



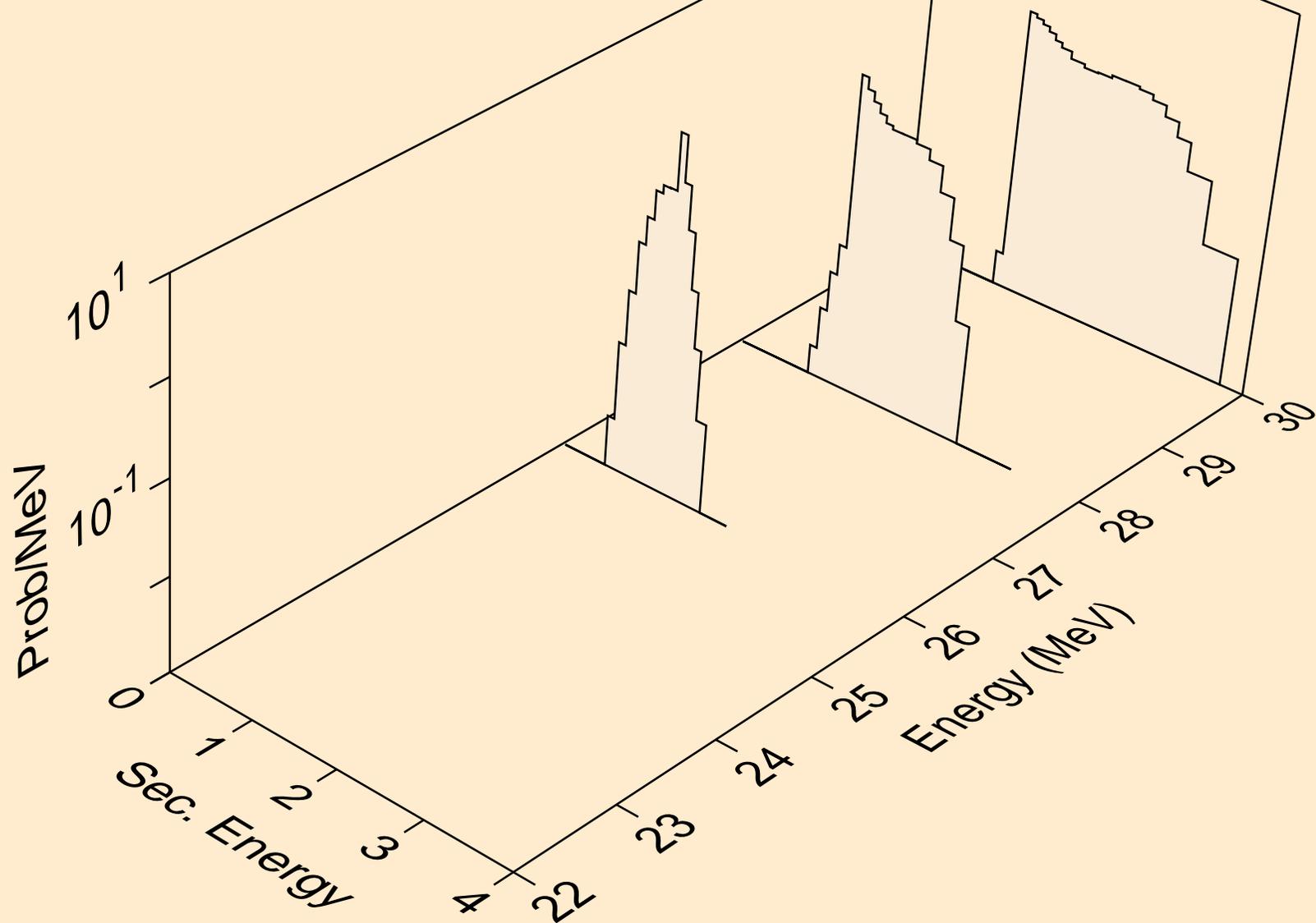
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



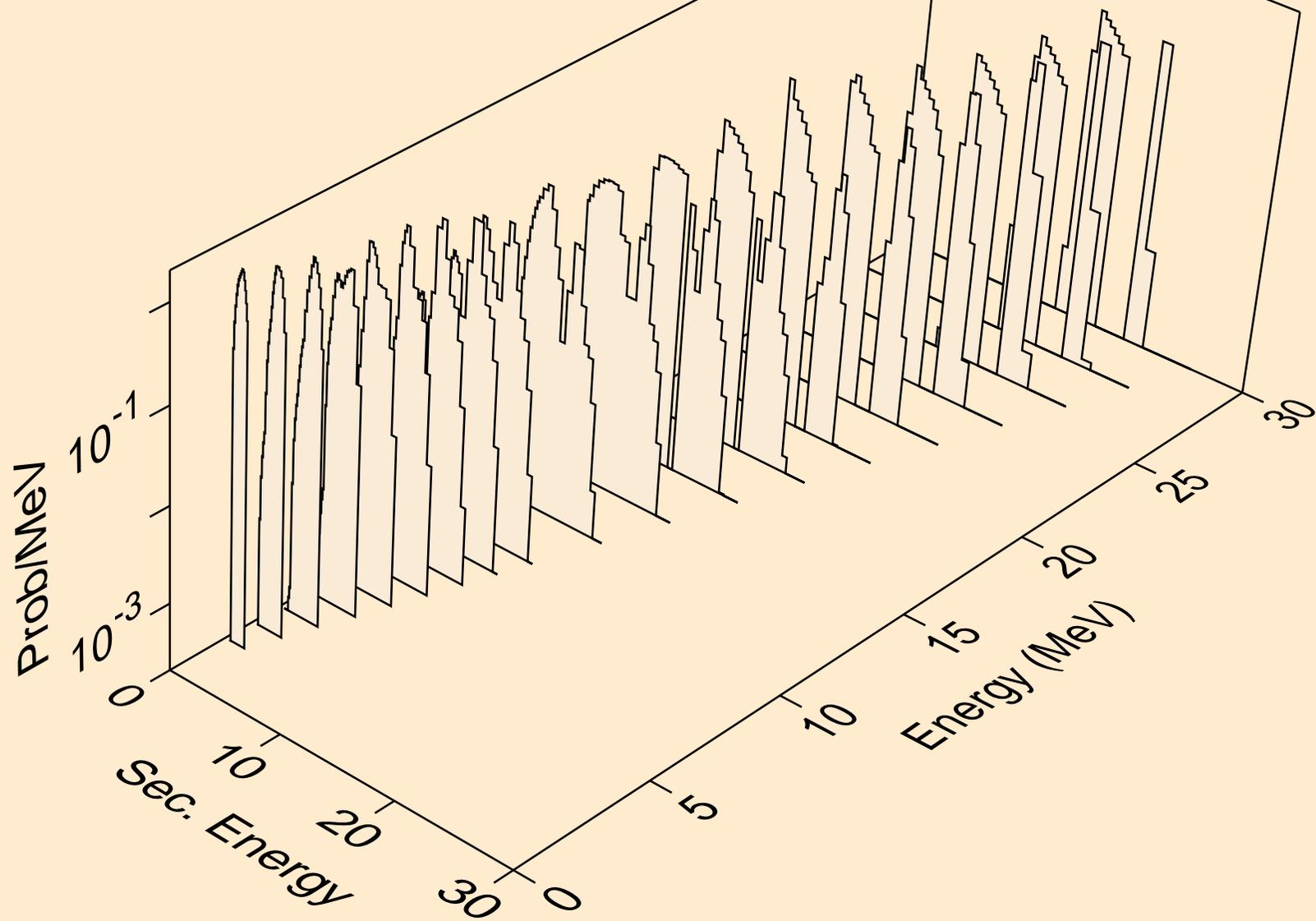
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,n\*)2a



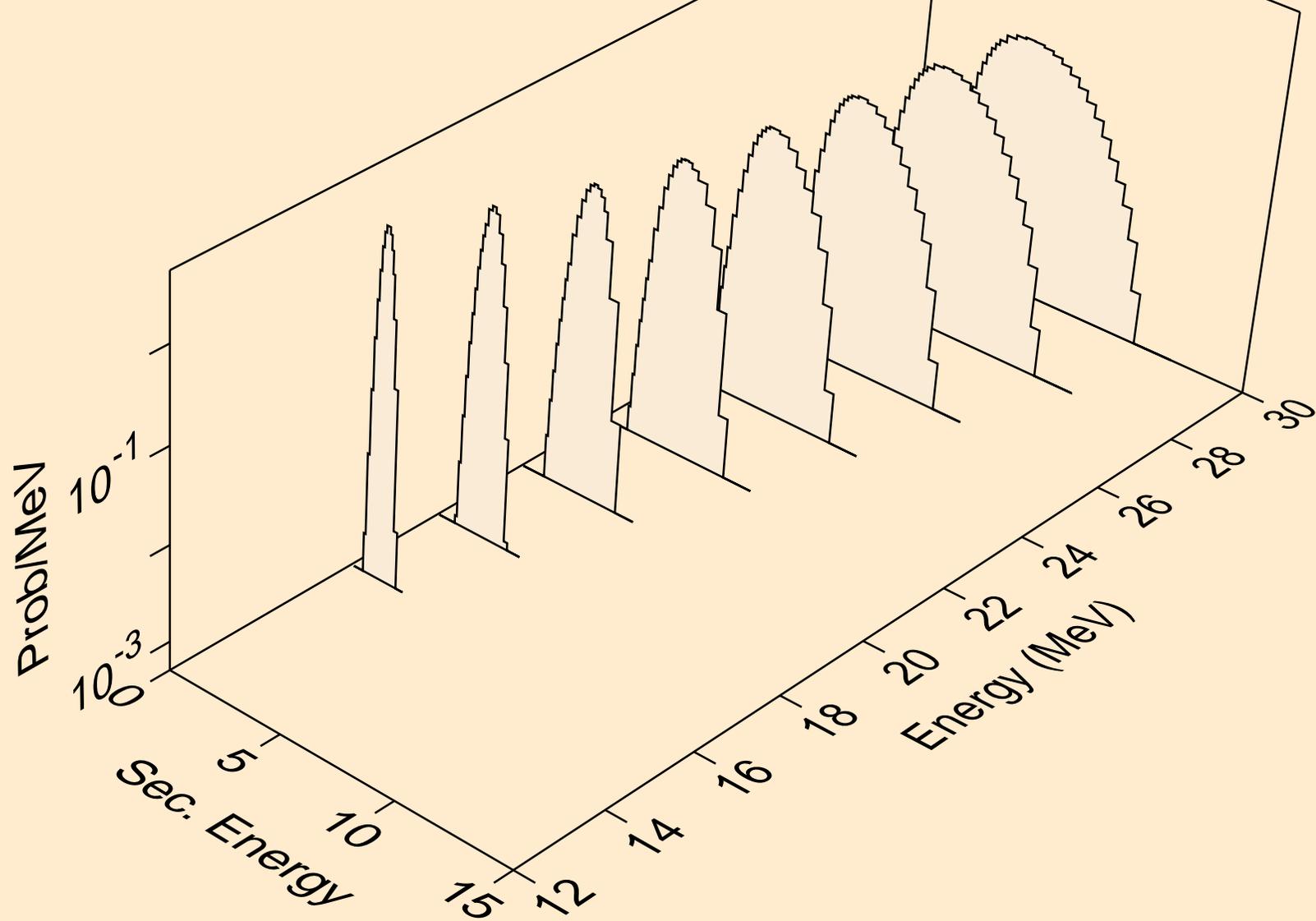
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2n)2a



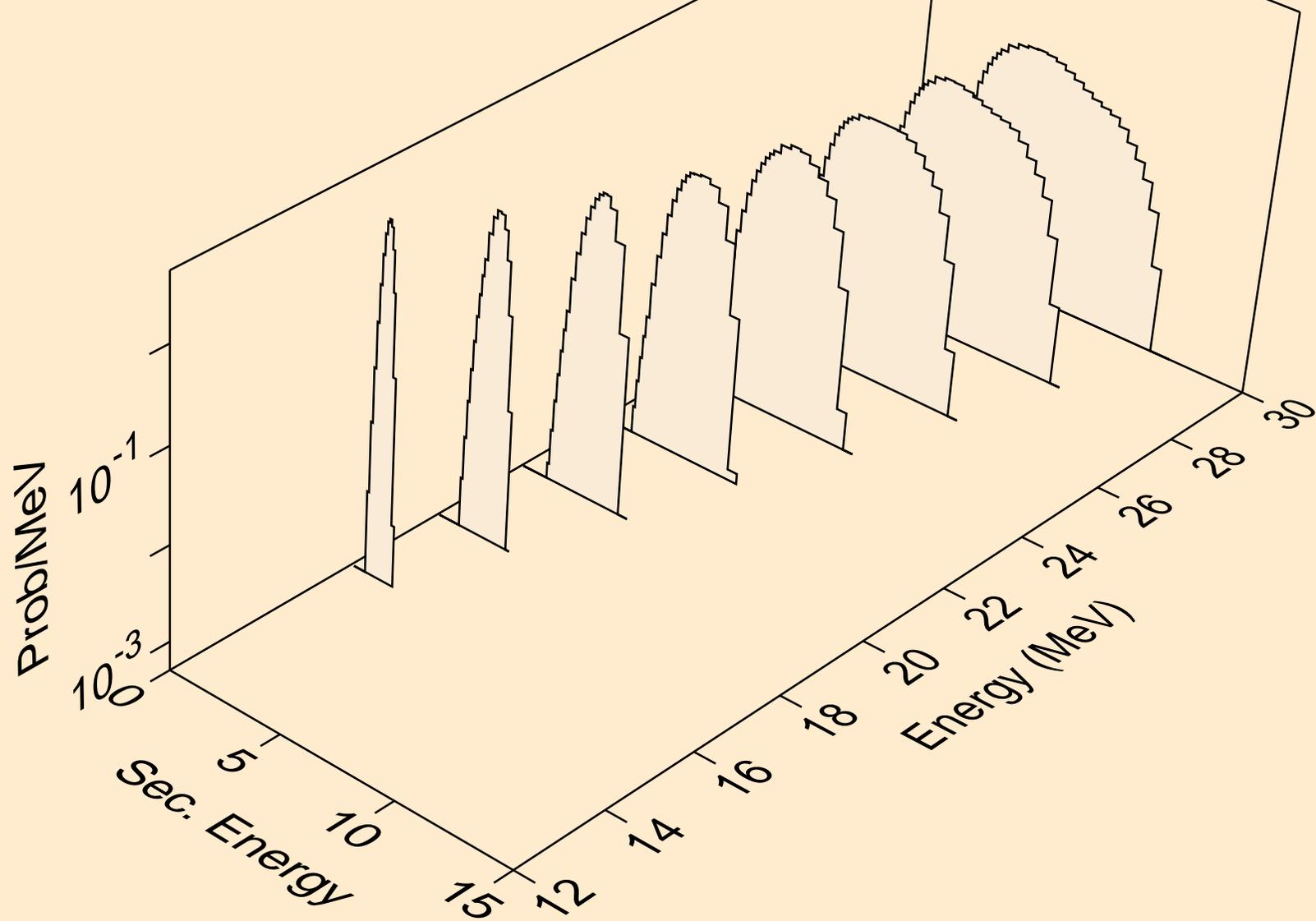
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for inelastic



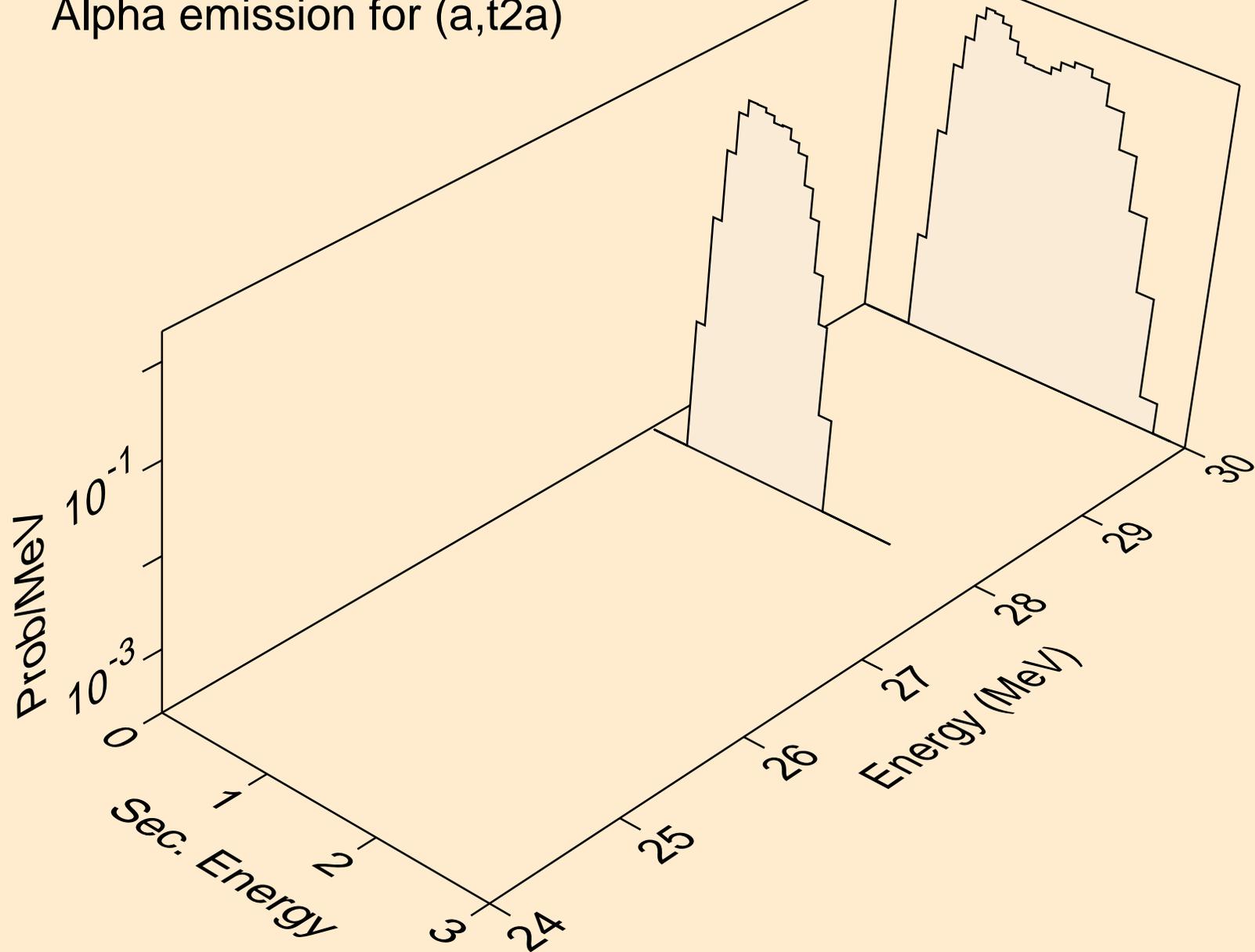
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,2a)



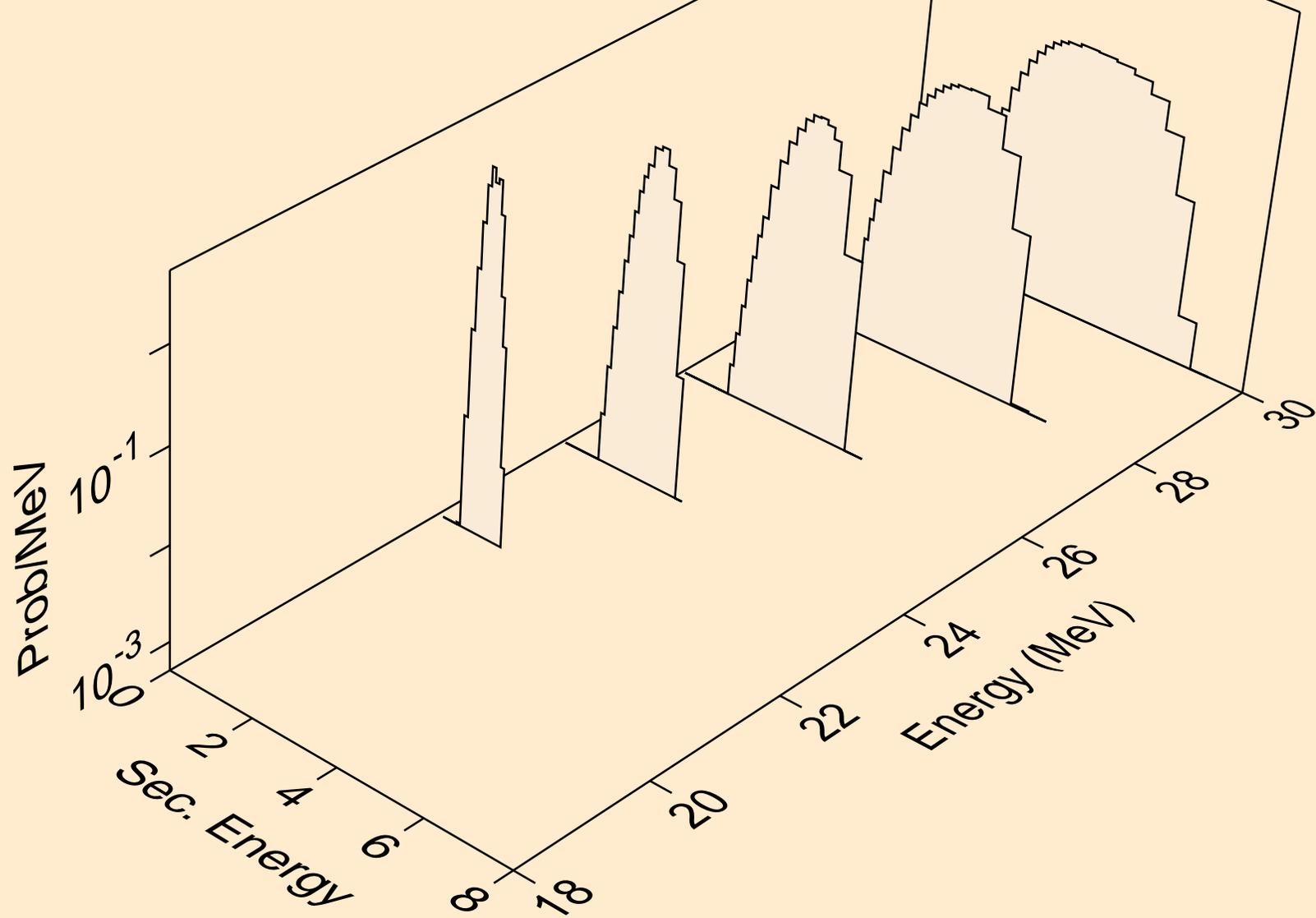
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,pa)



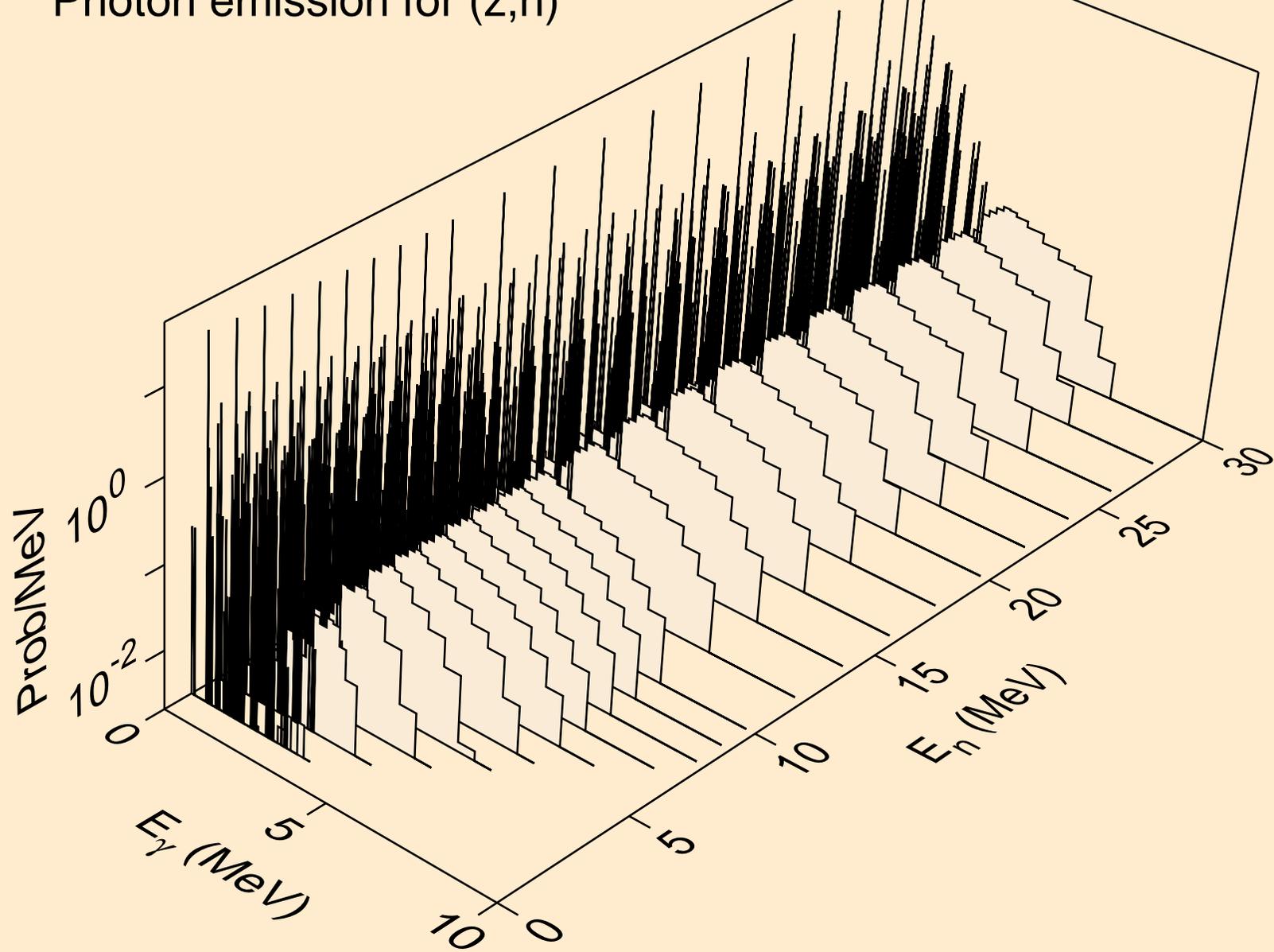
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,t2a)



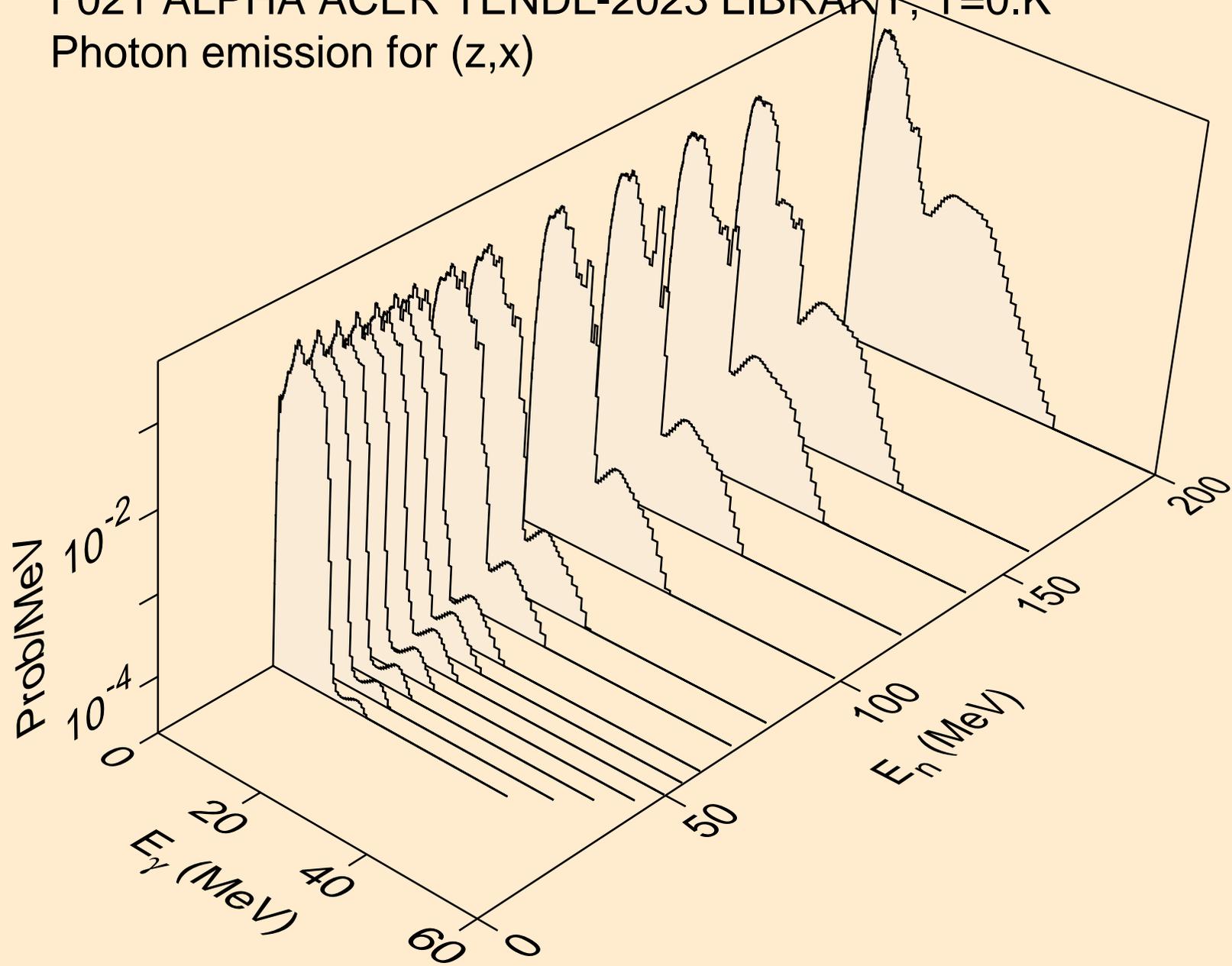
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Alpha emission for (a,da)



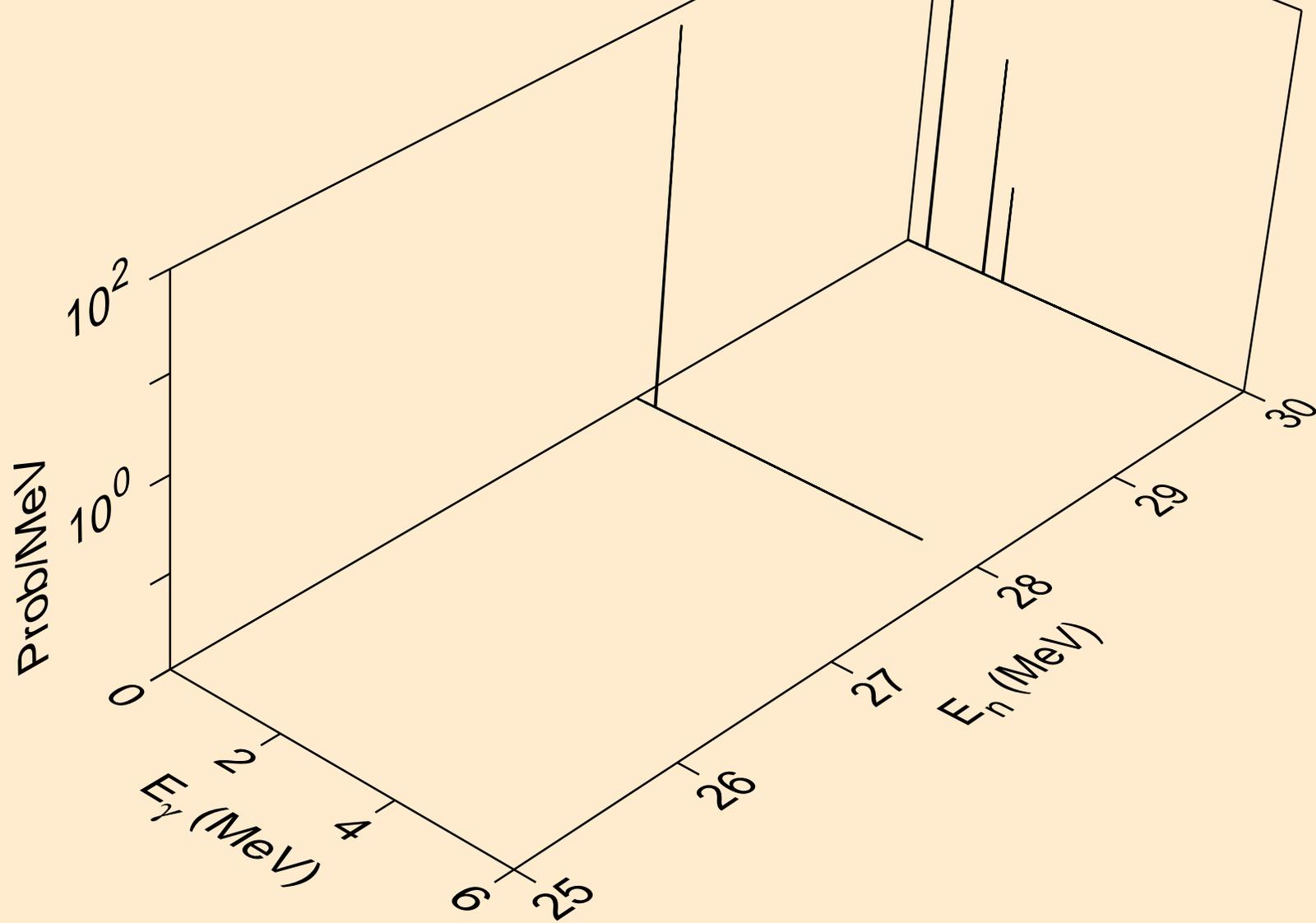
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,n)



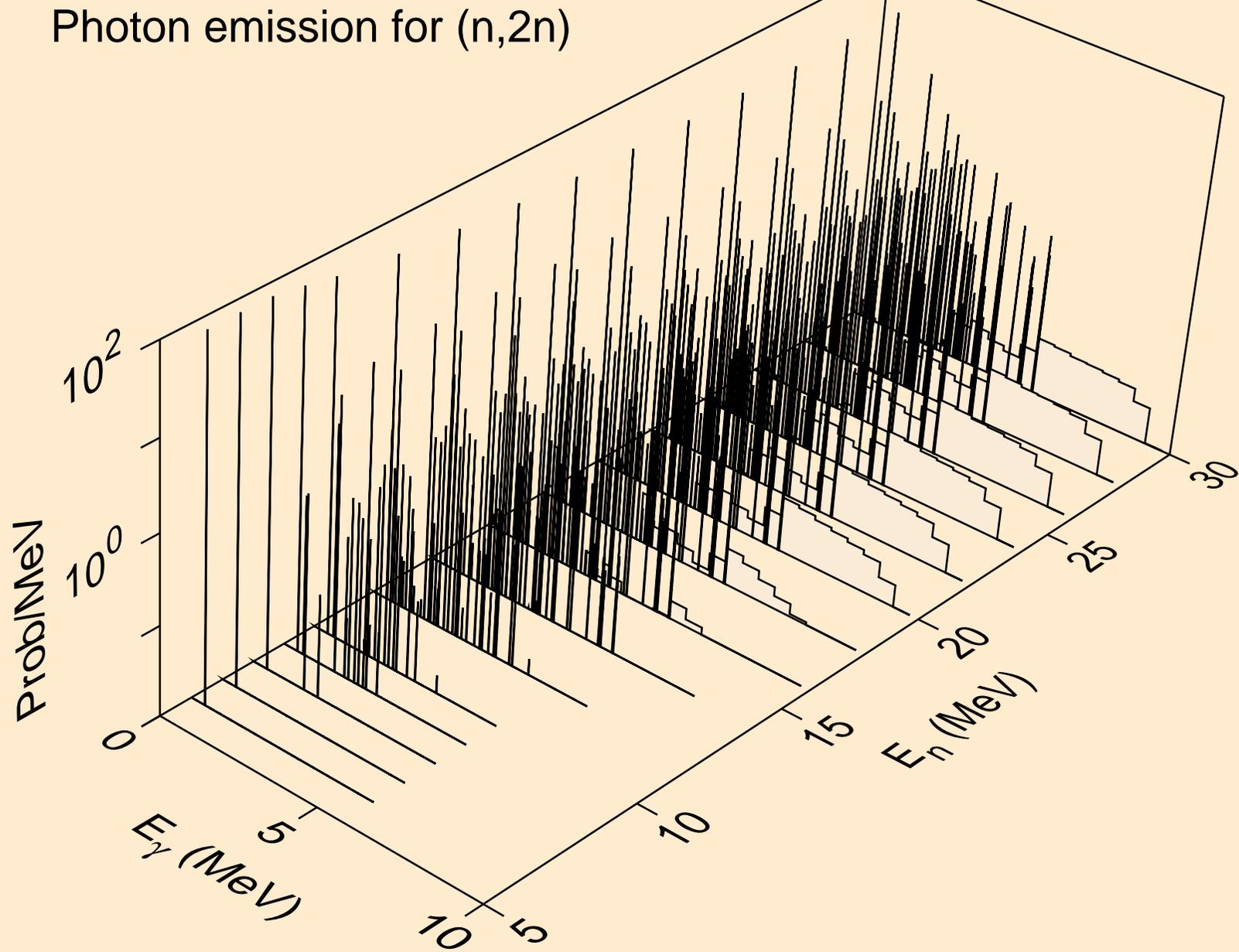
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (z,x)



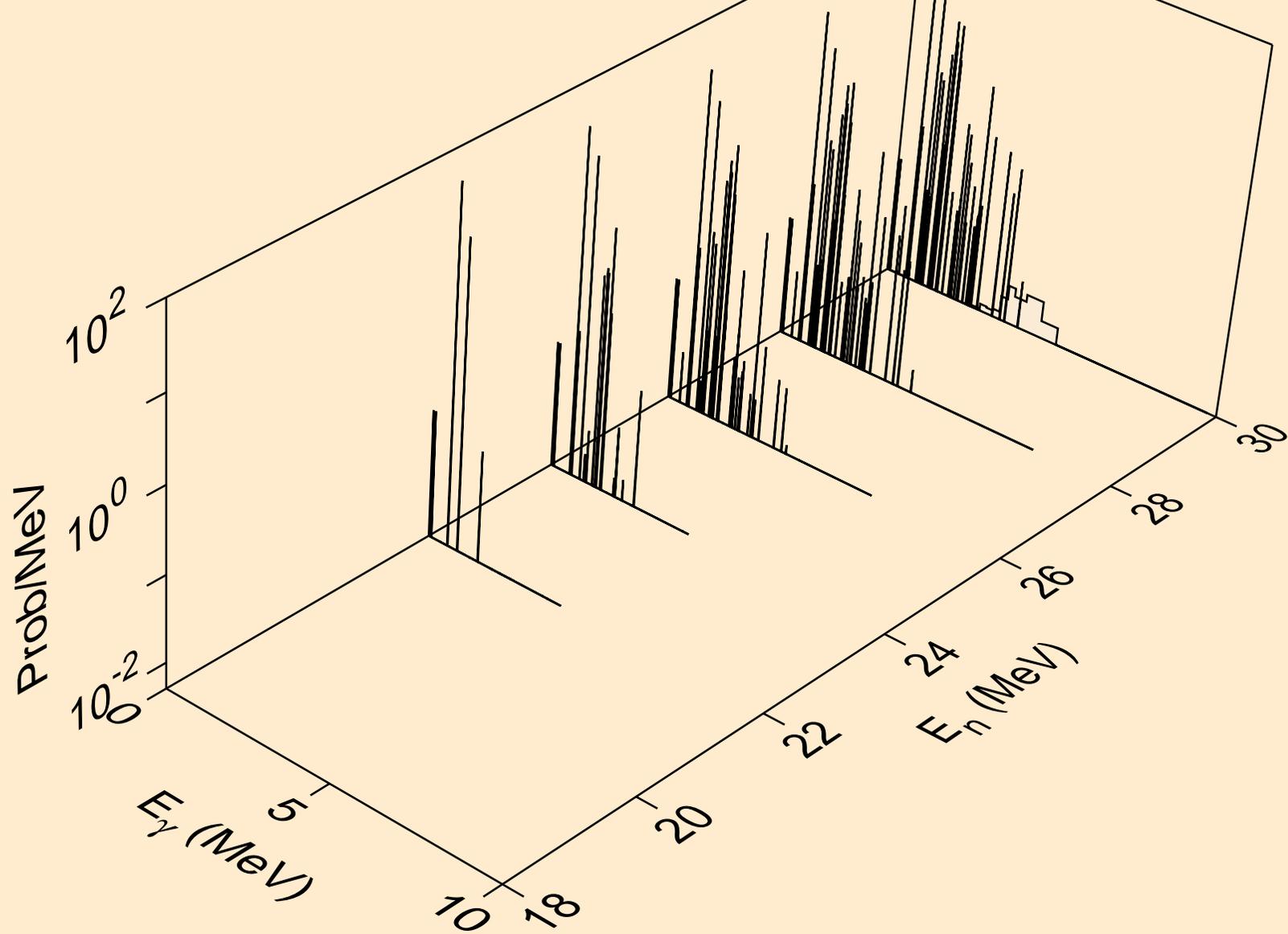
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2nd)



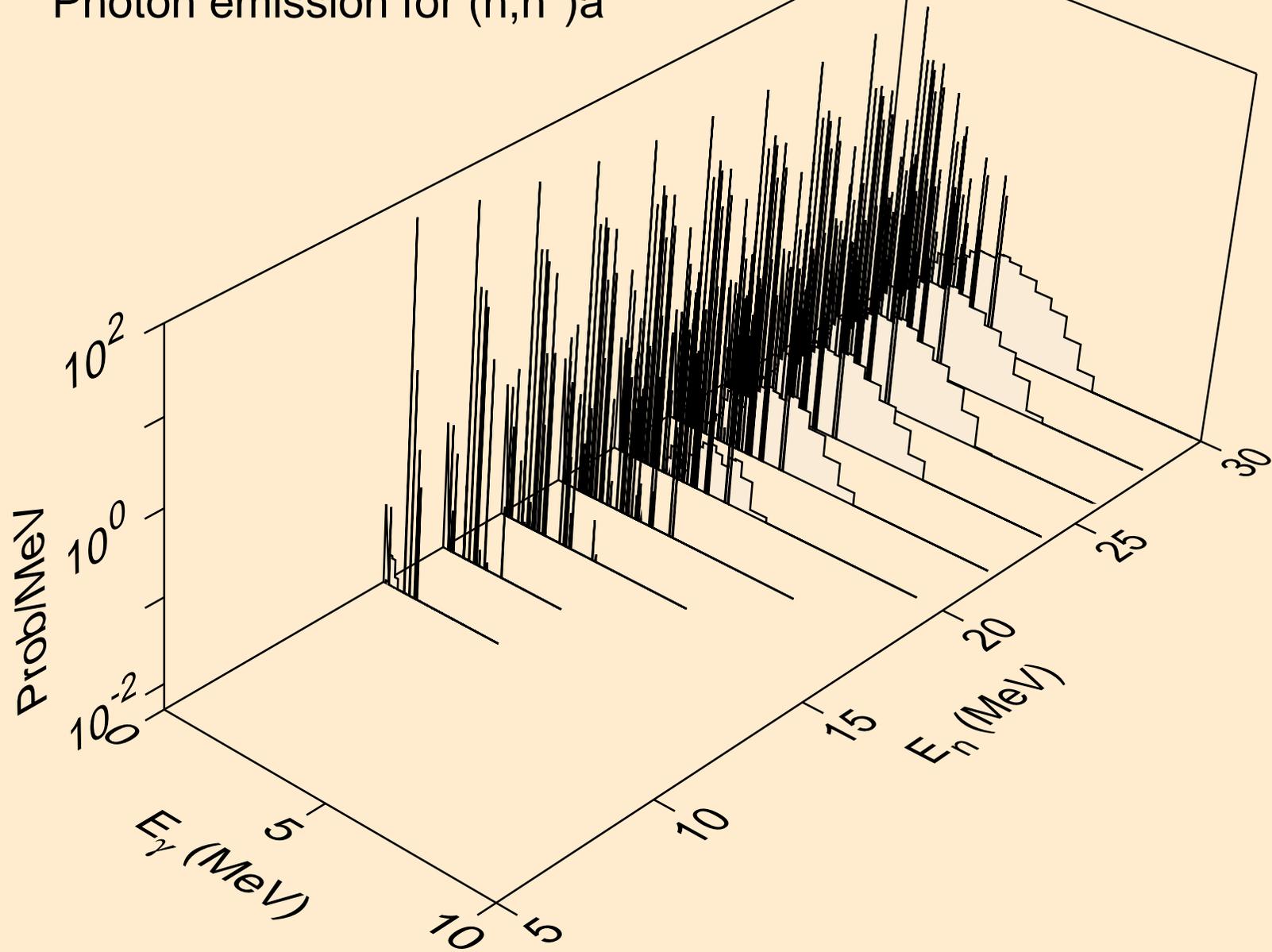
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)



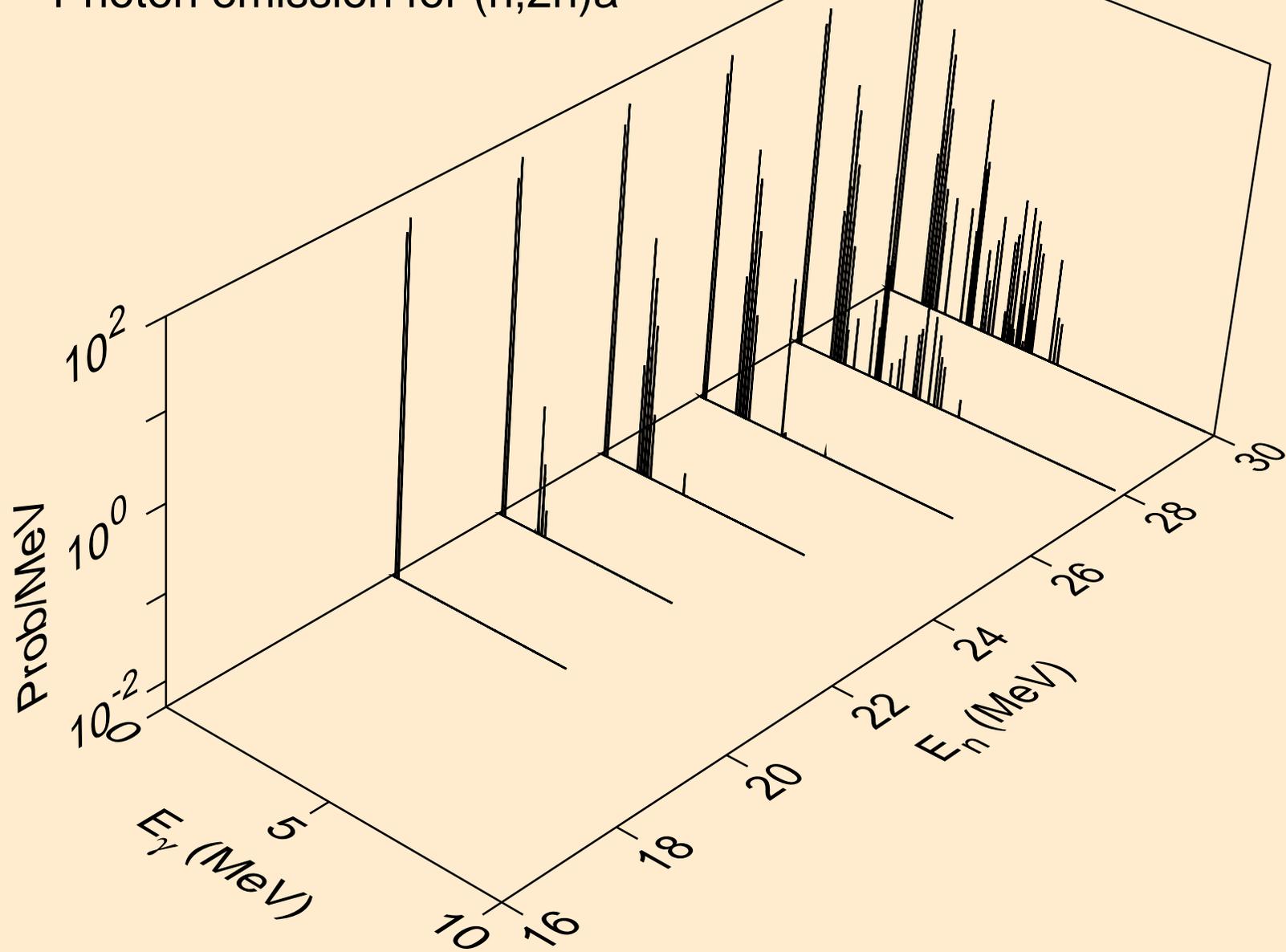
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3n)



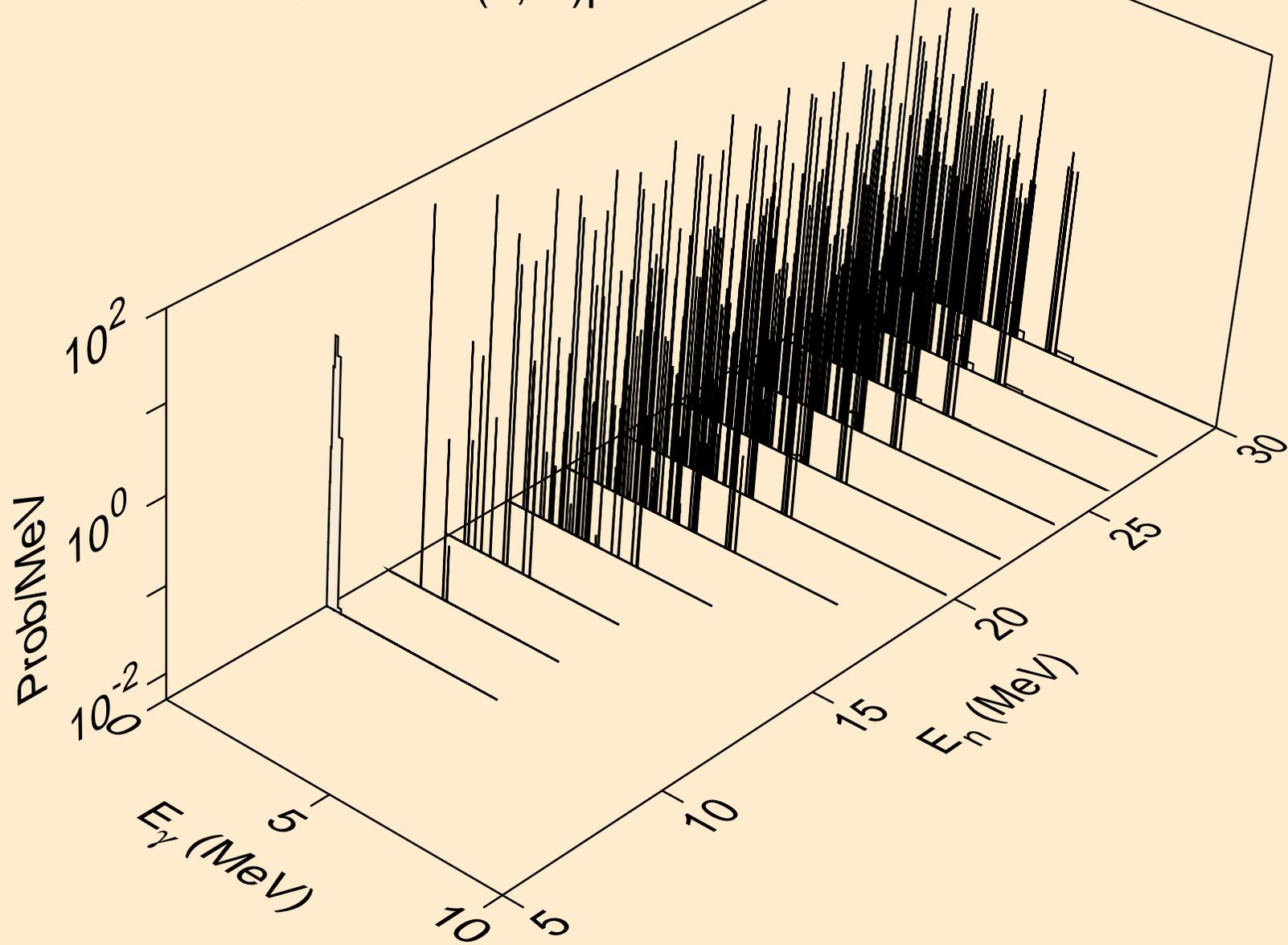
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



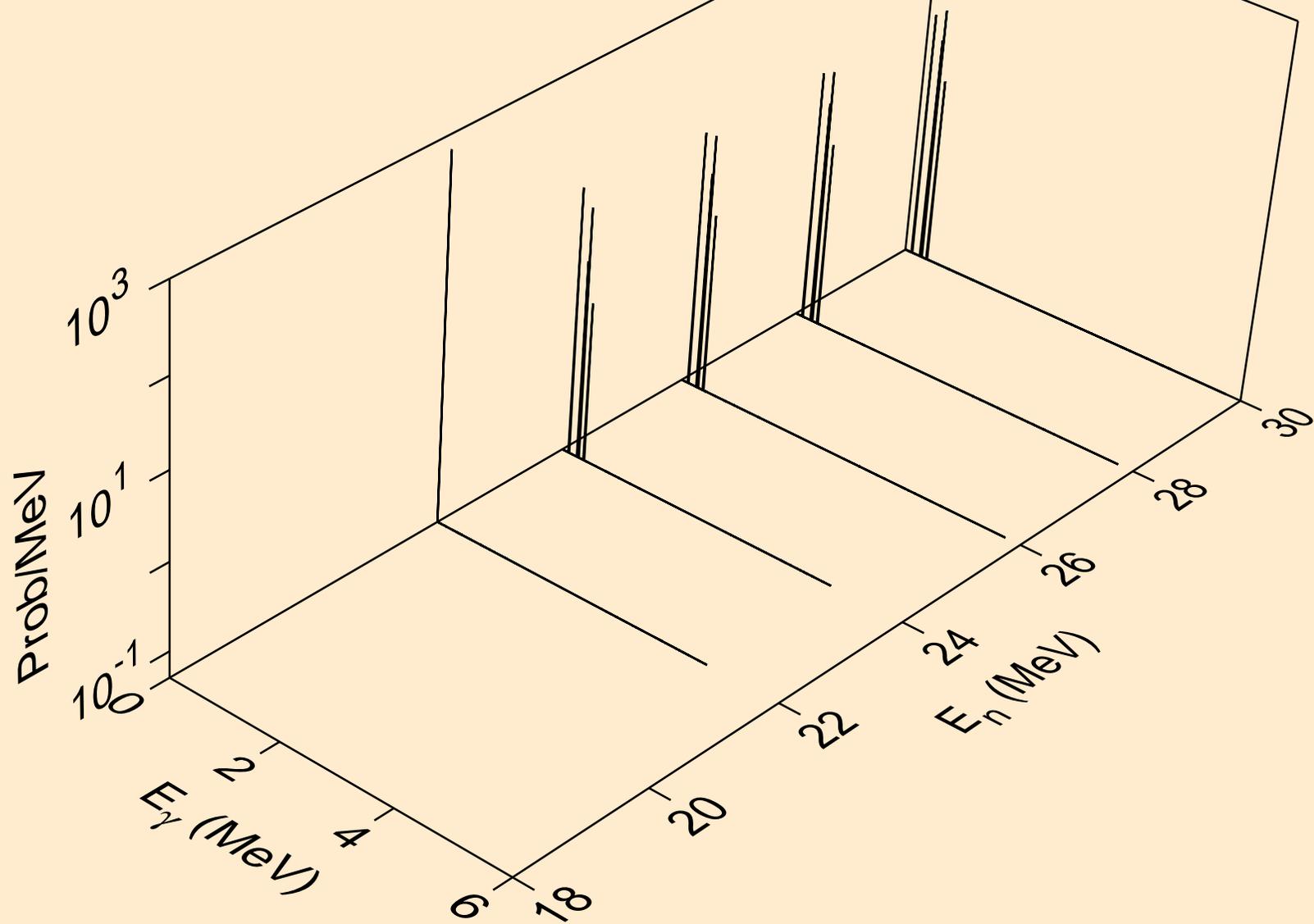
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)a



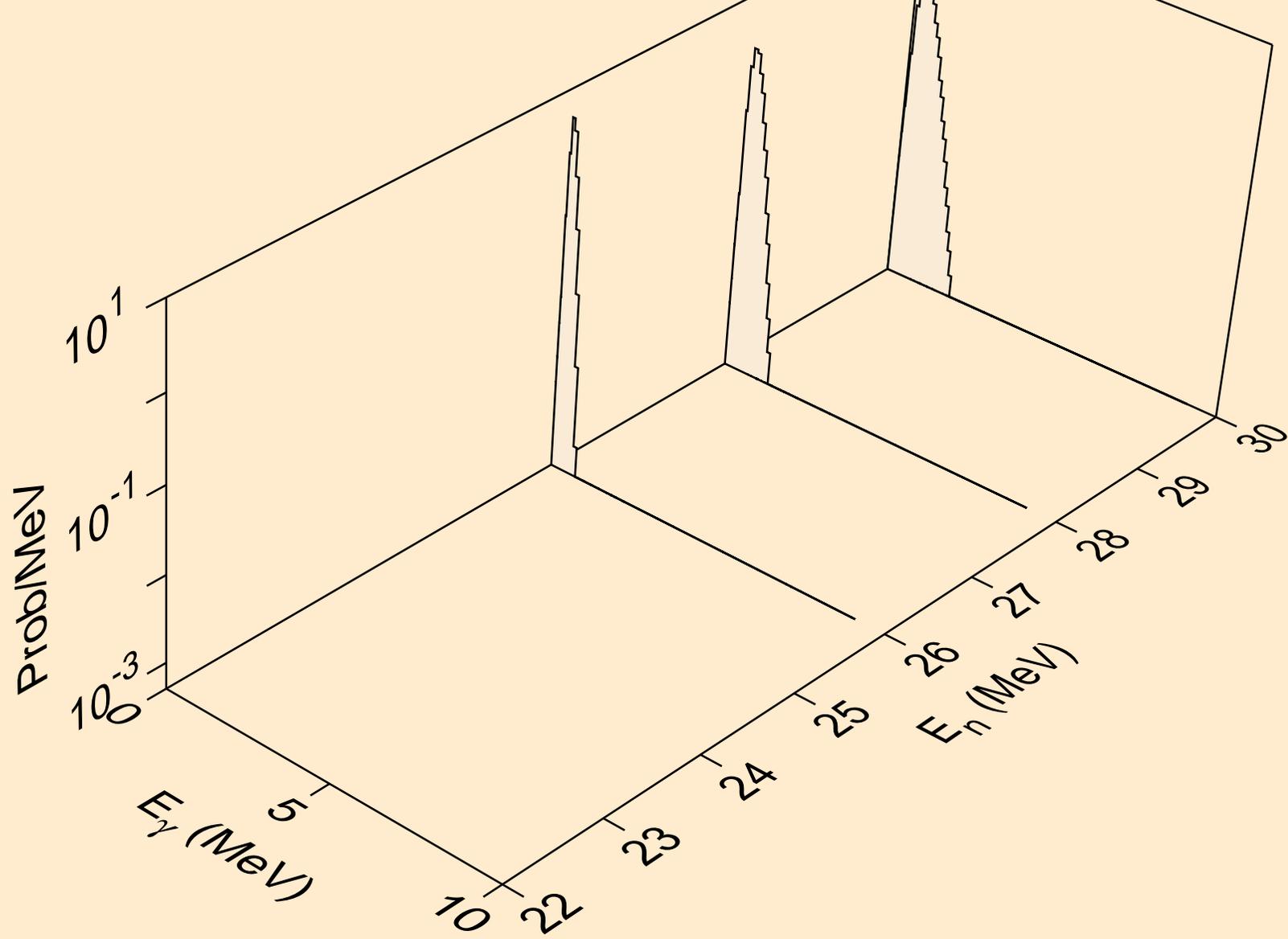
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



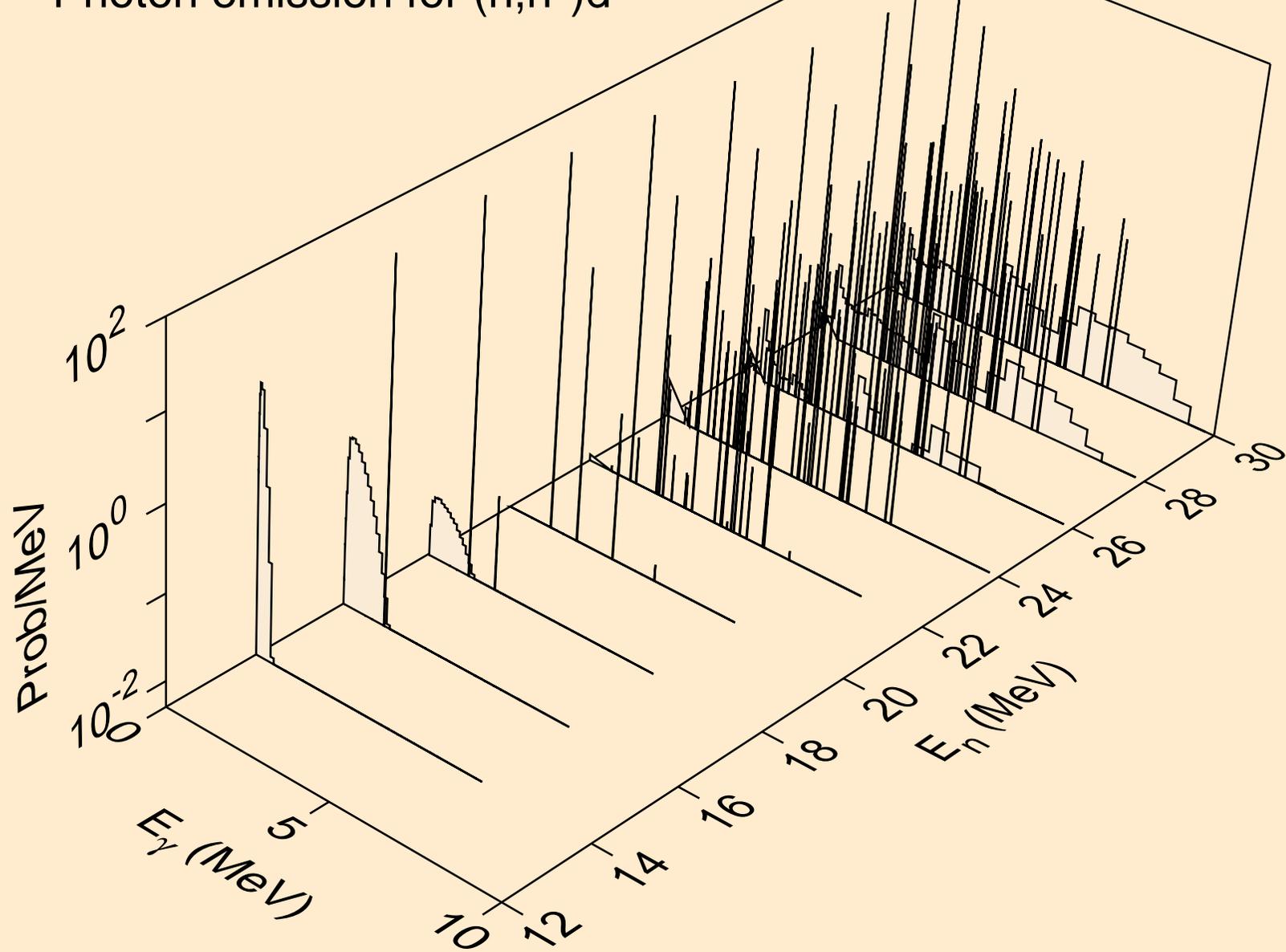
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



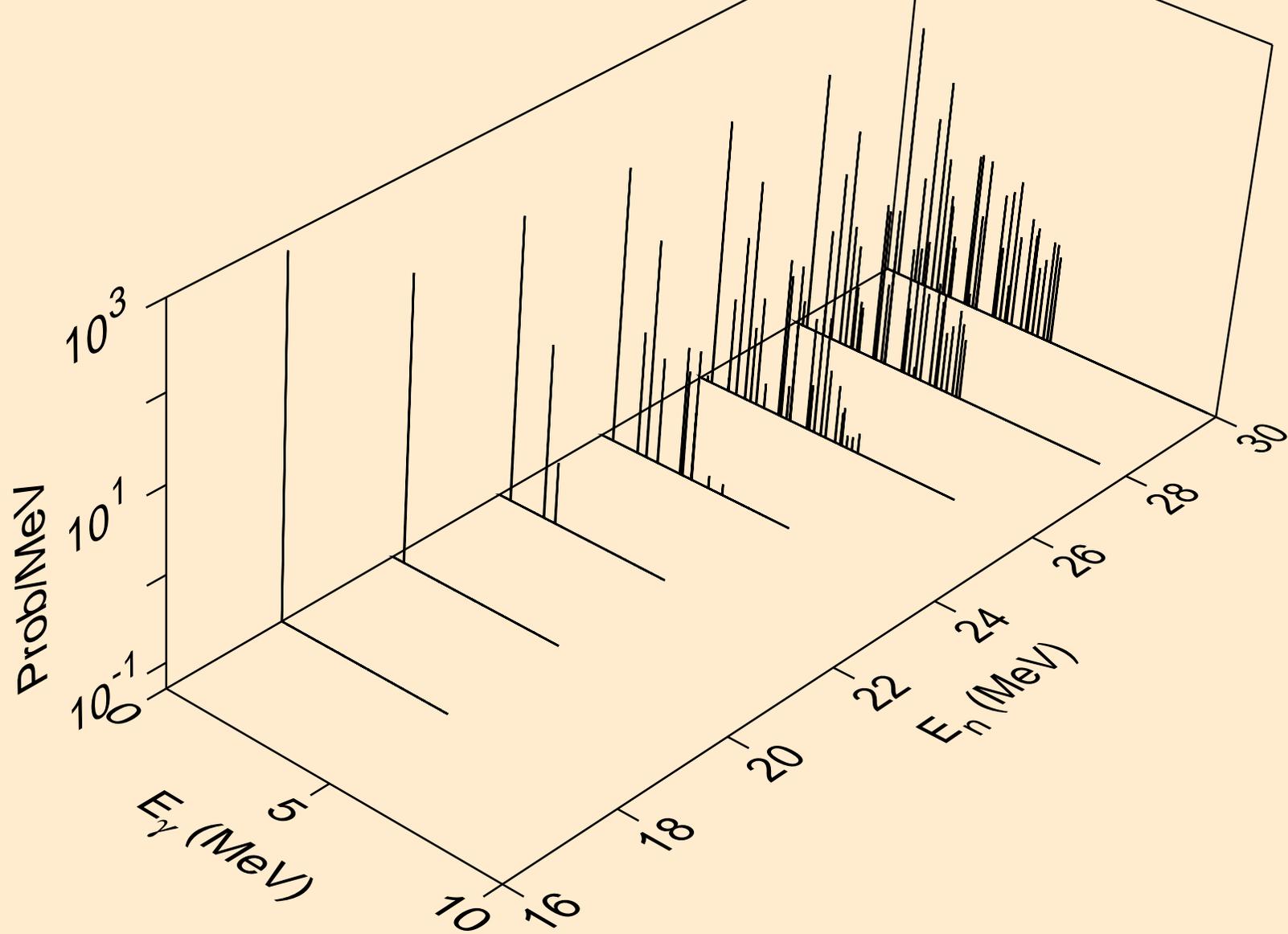
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2n)2a



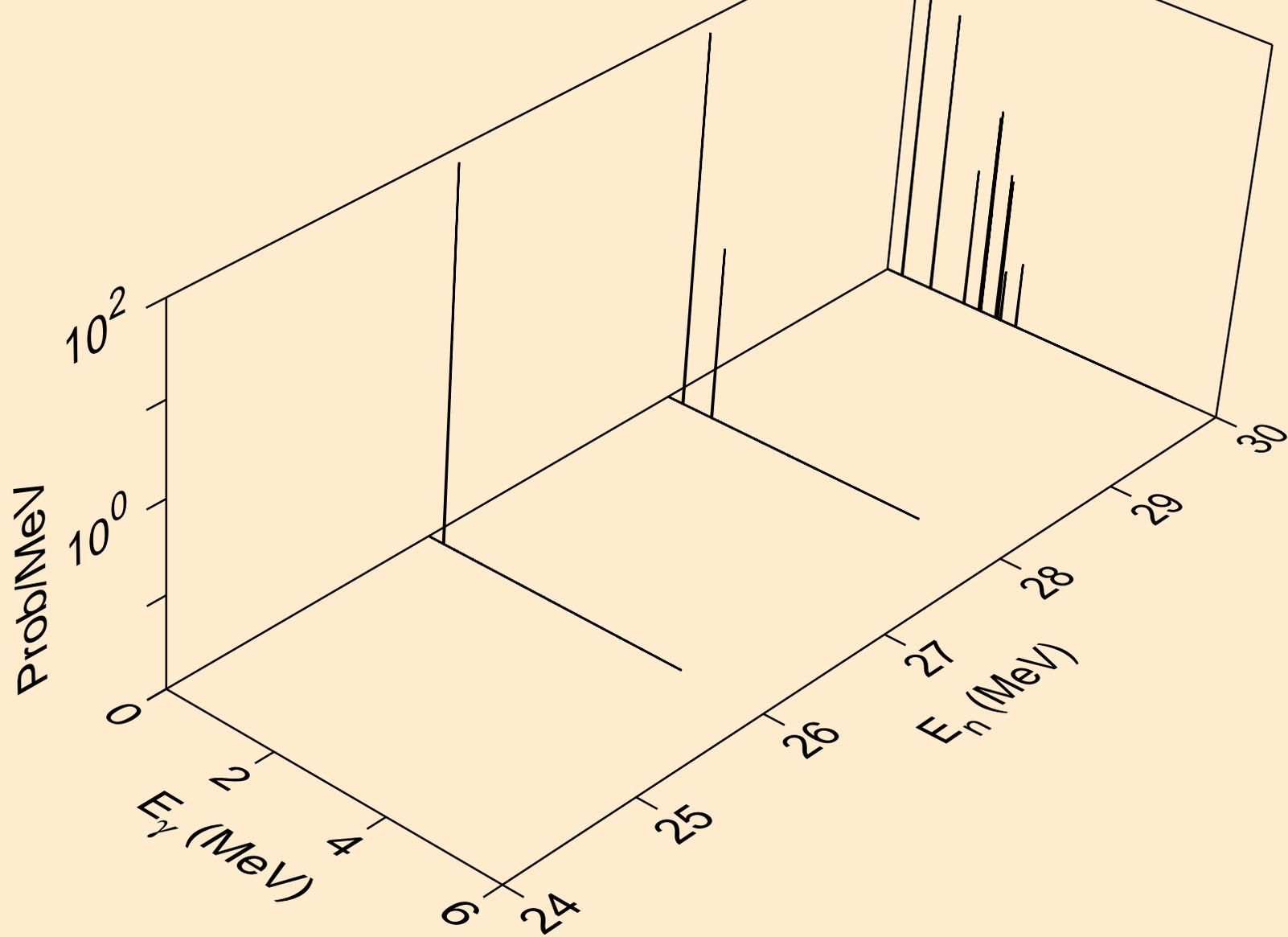
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



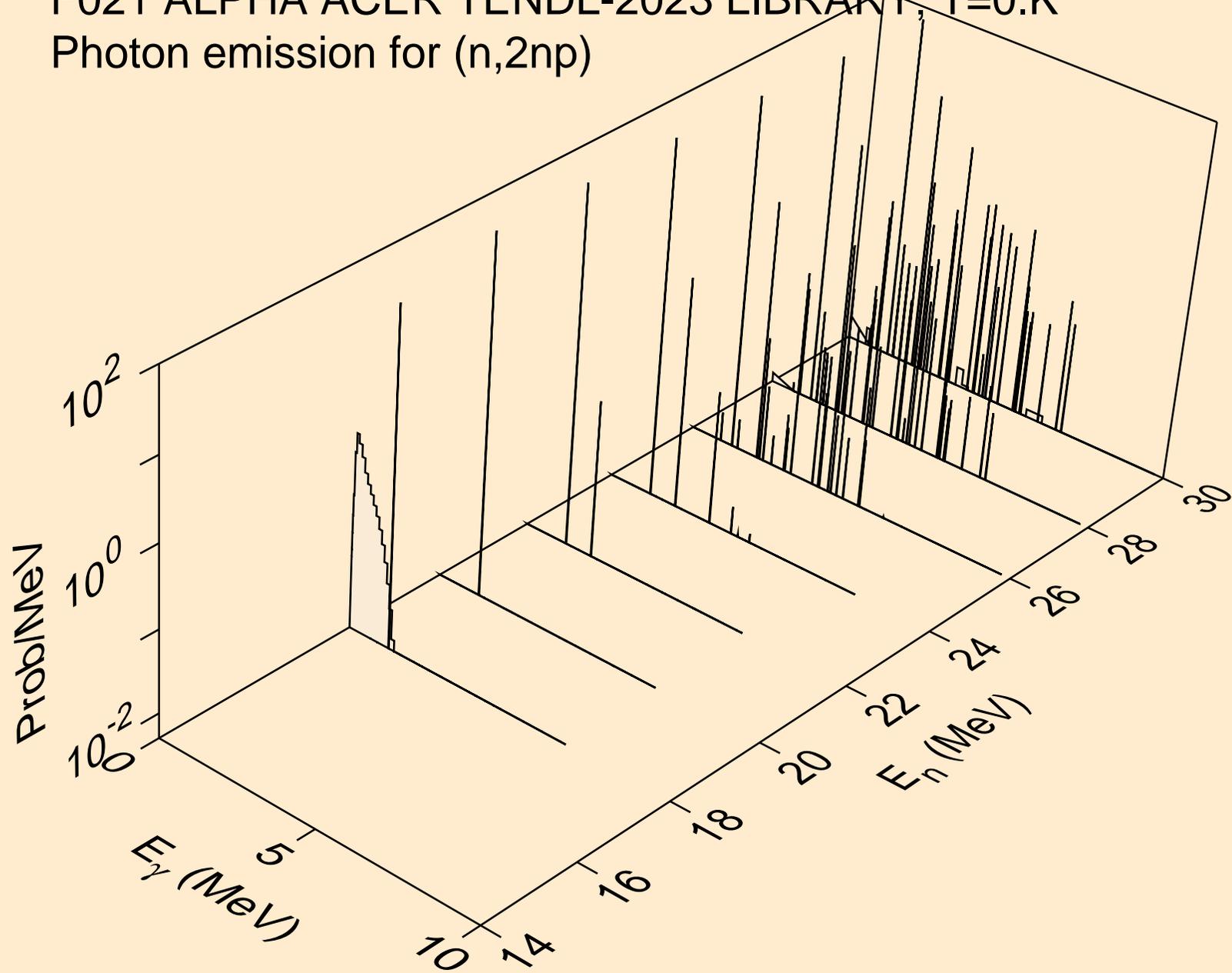
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



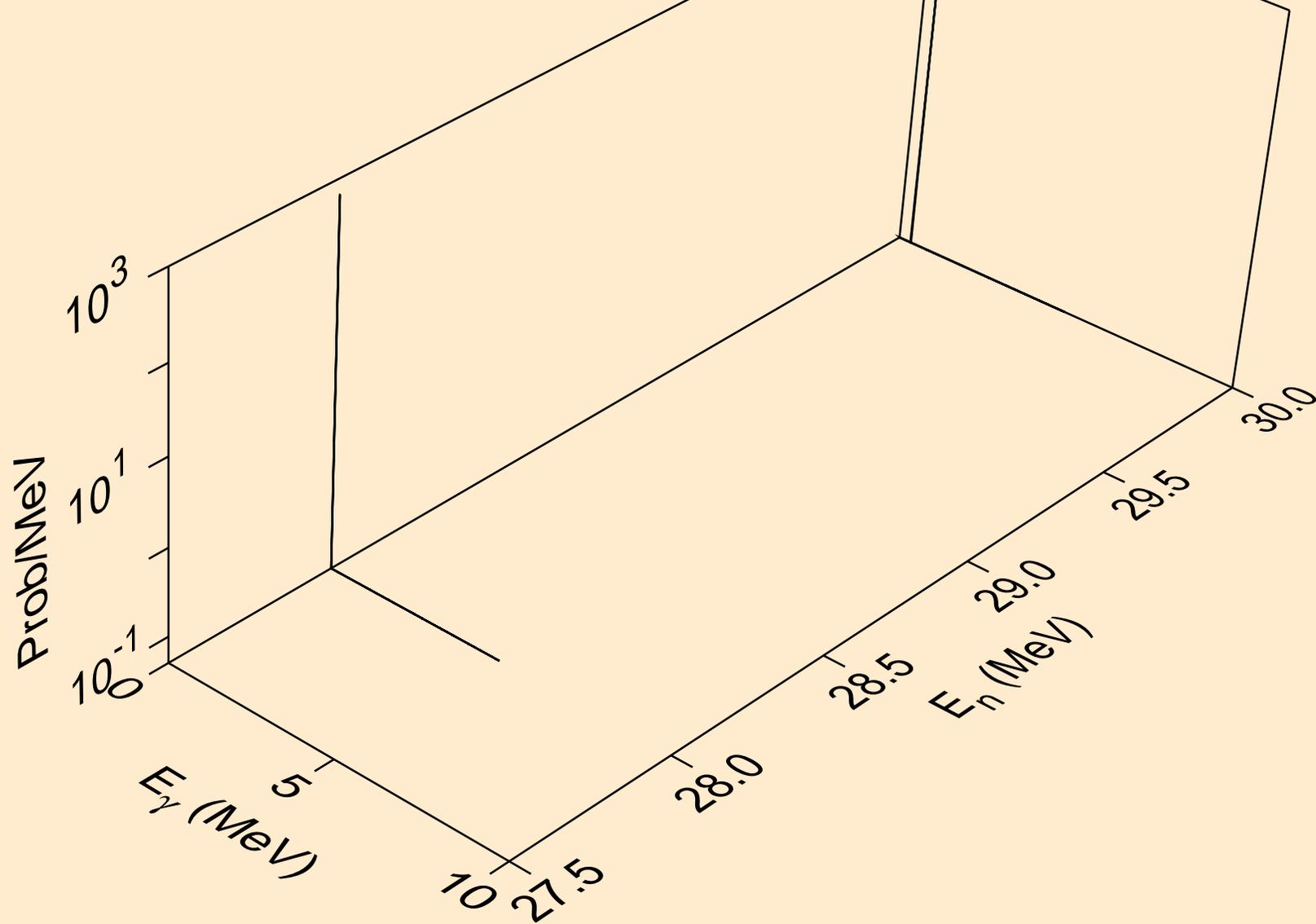
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



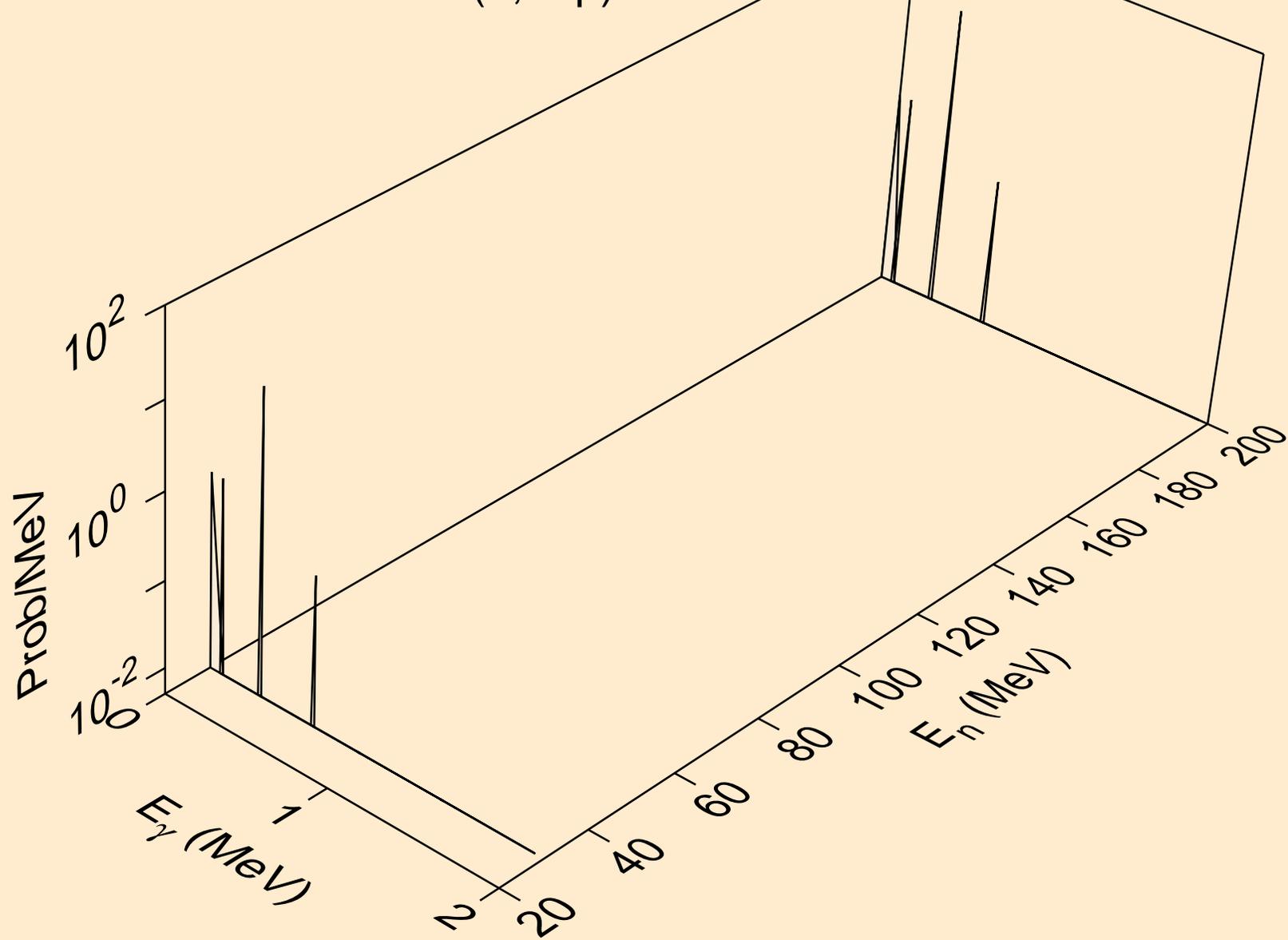
F021 ALPHA ACER TENDL-2023 LIBRARY: T=0.K  
Photon emission for (n,2np)



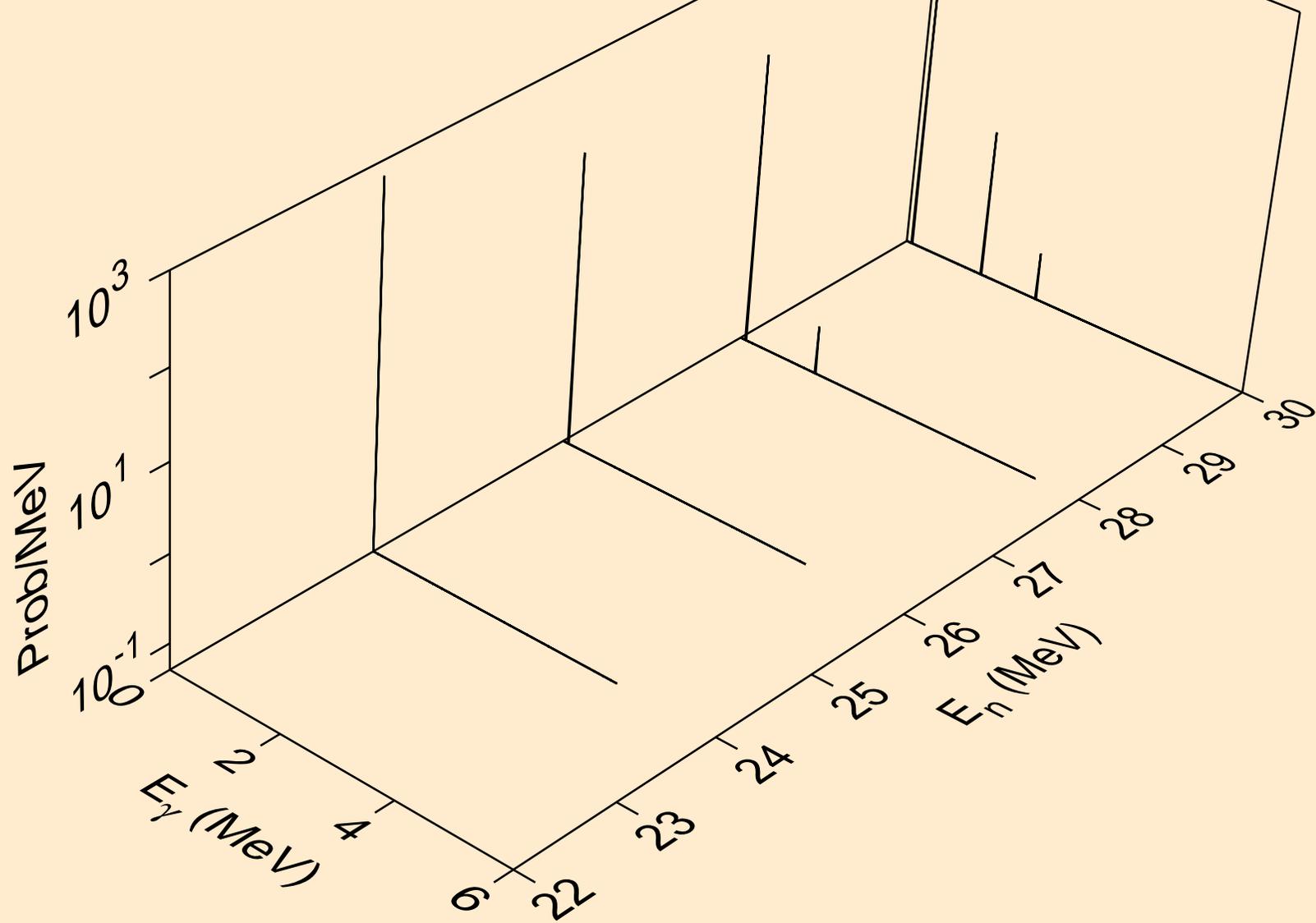
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,3np)



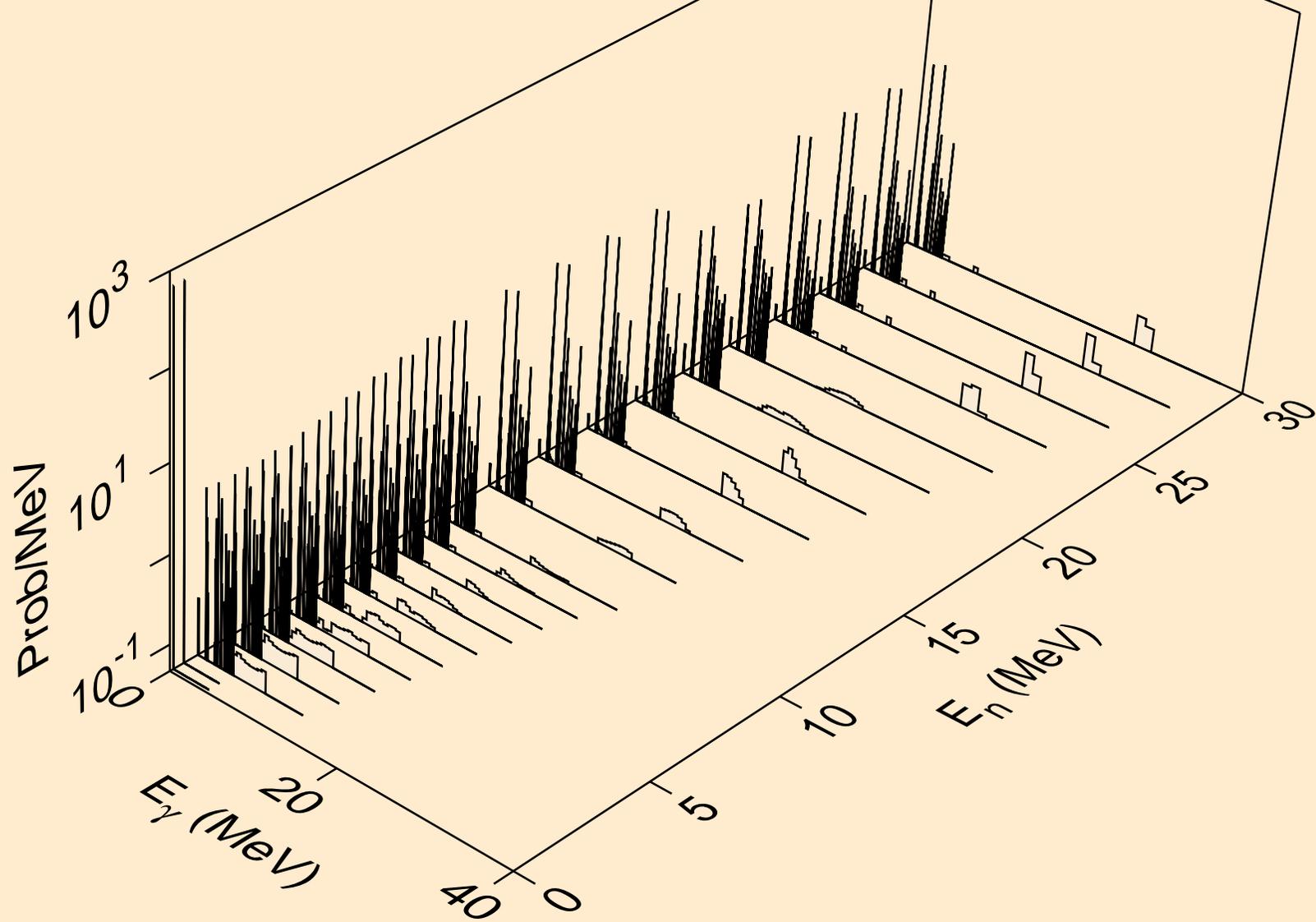
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,n2p)



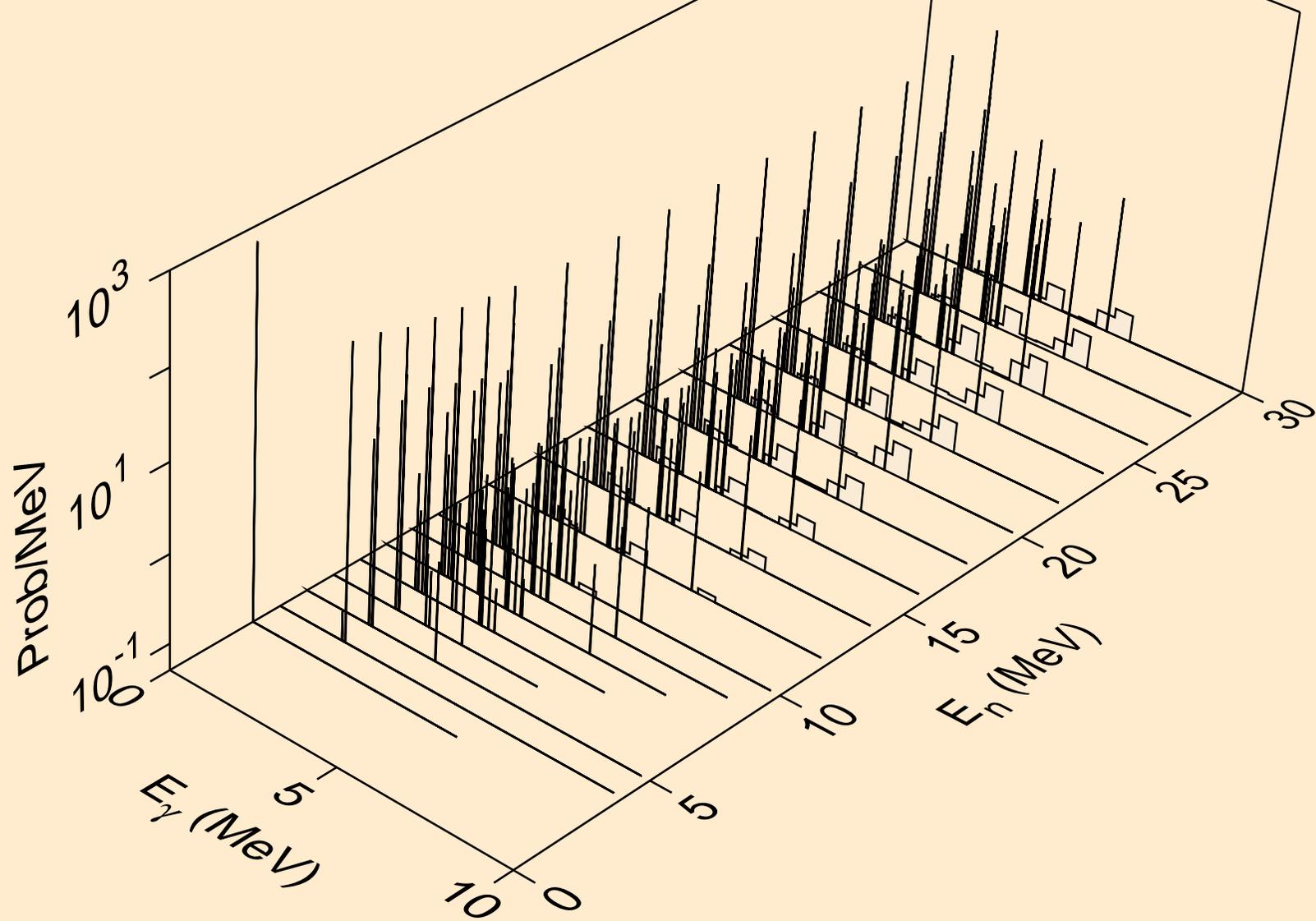
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,npa)



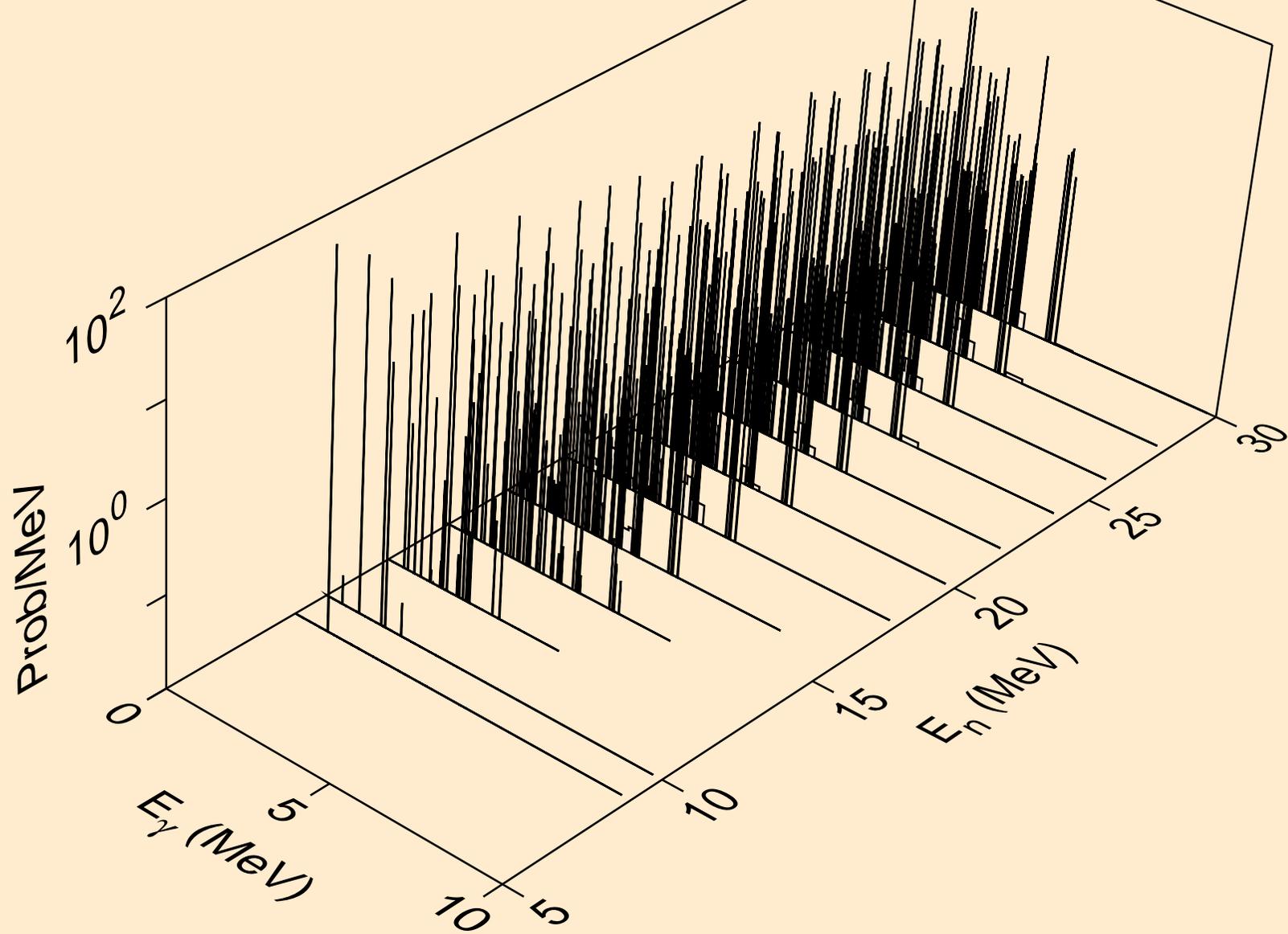
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,gma)



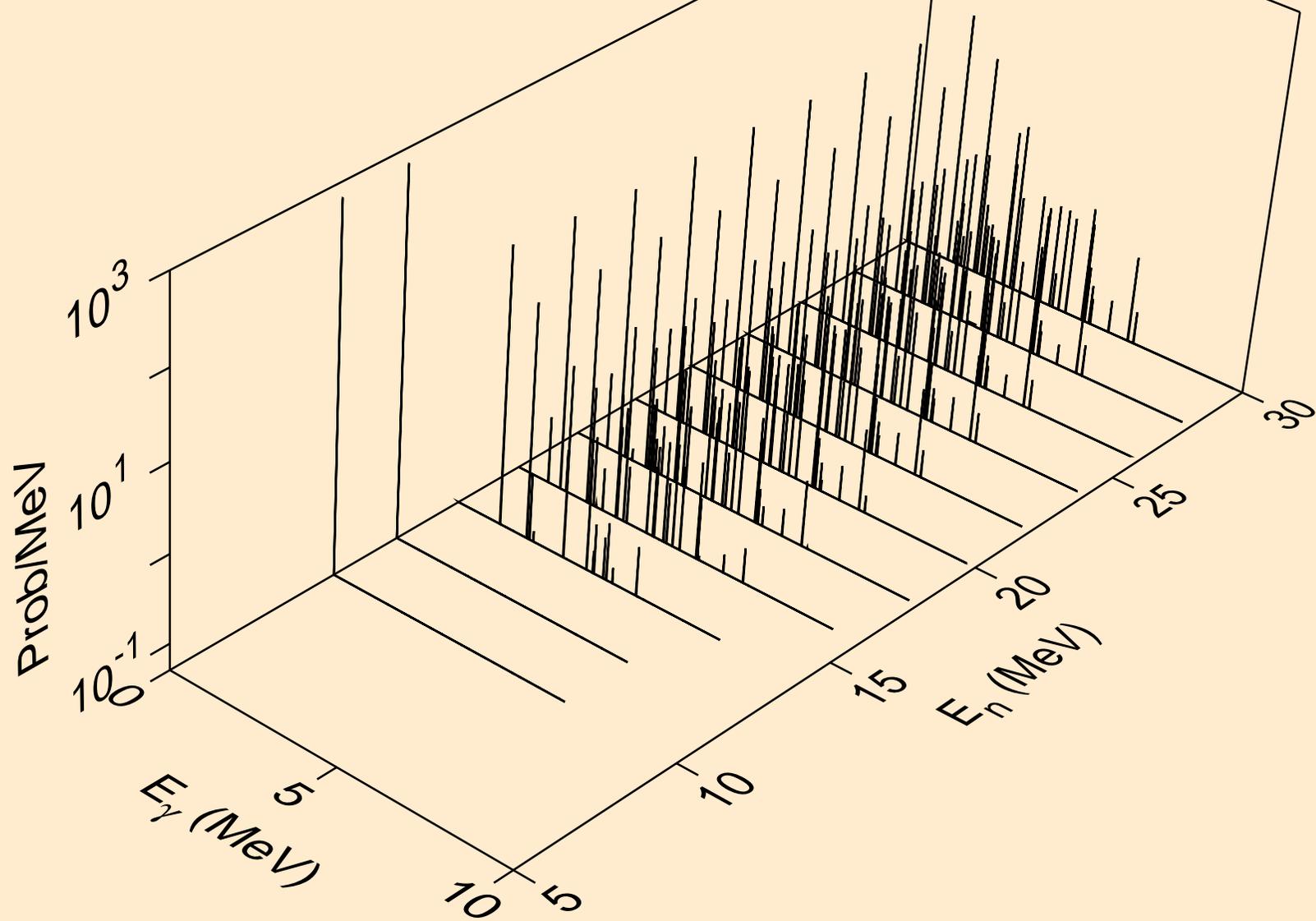
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,p)



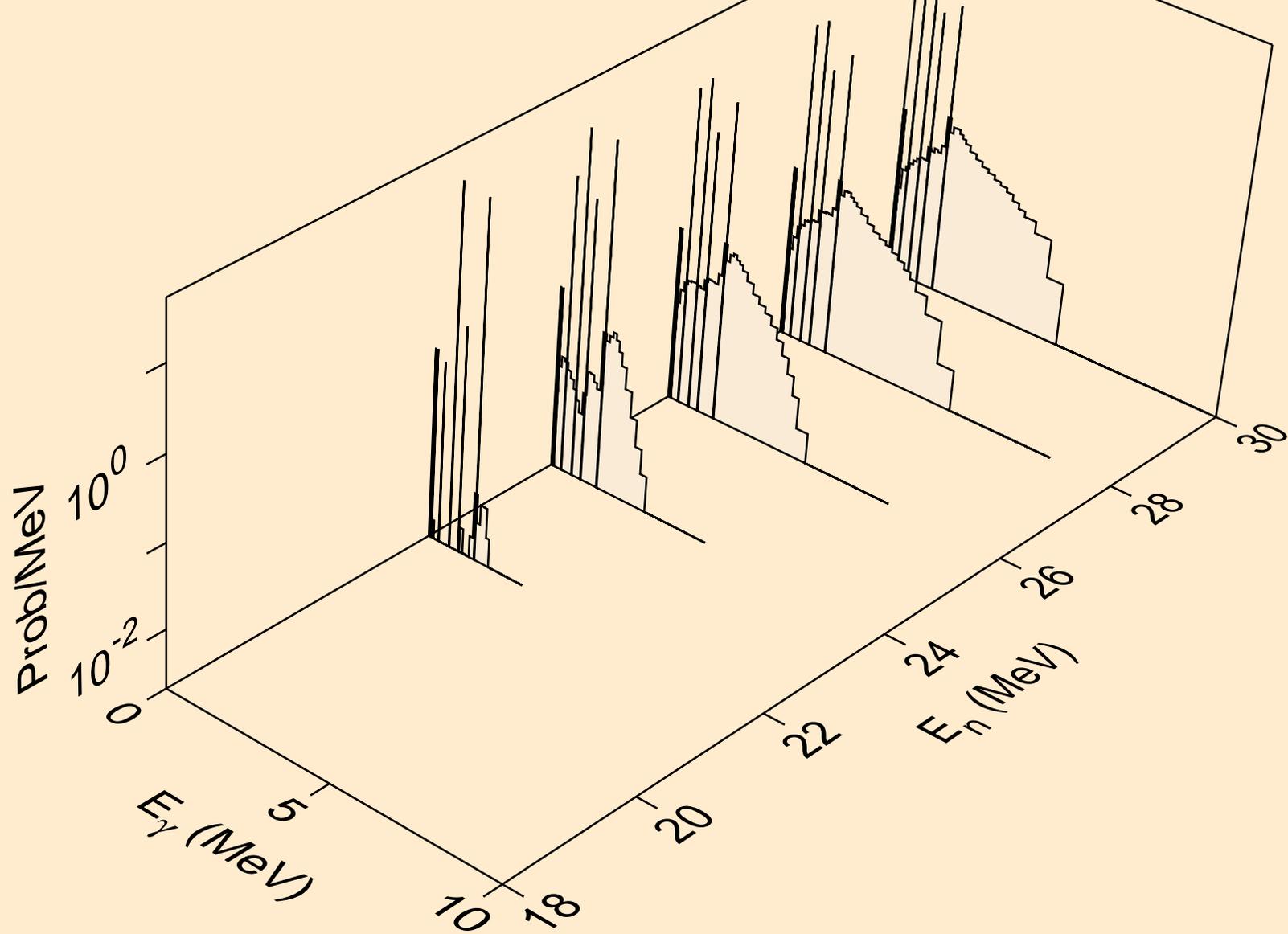
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,d)



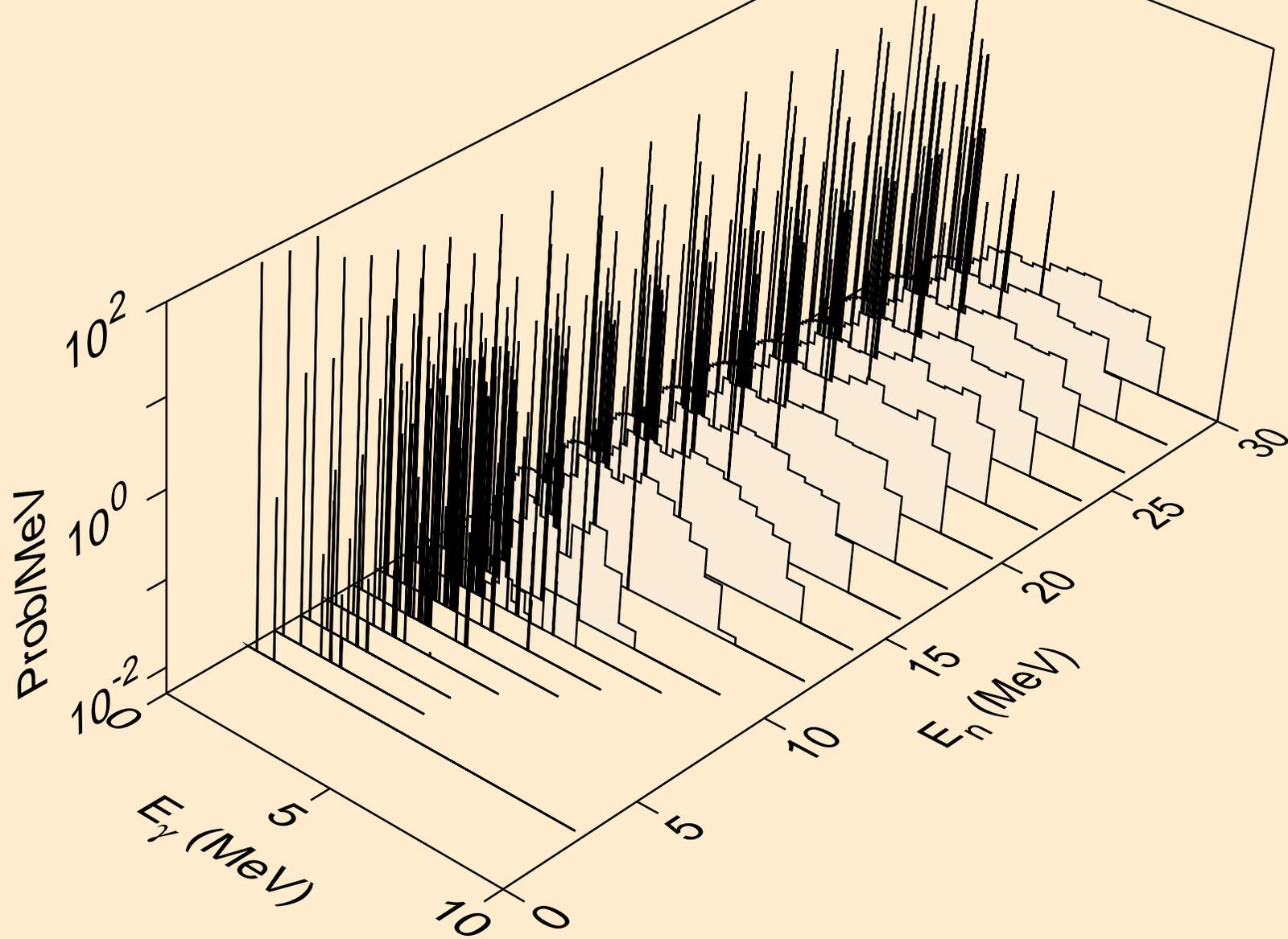
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t)



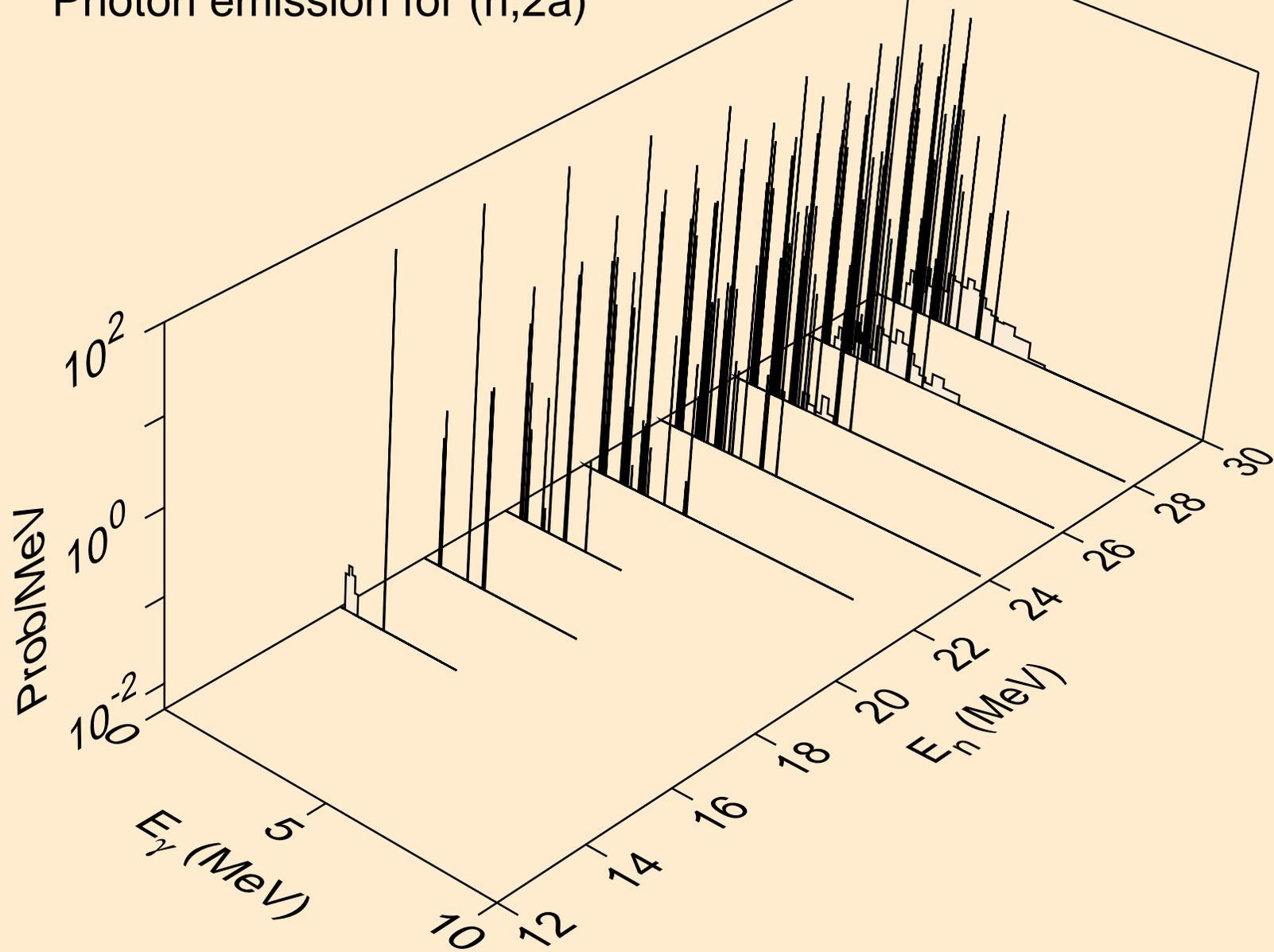
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,he3)



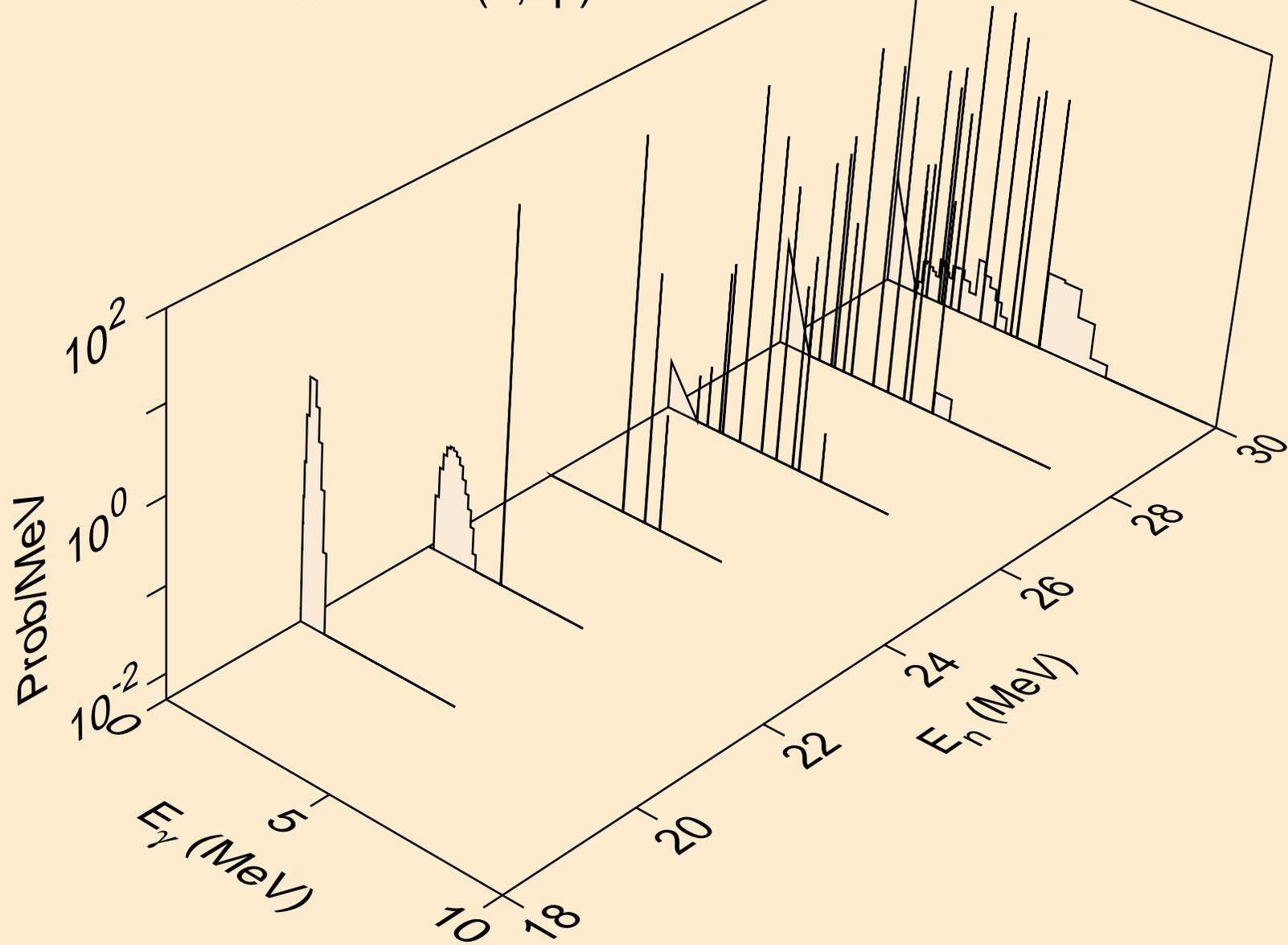
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for inelastic



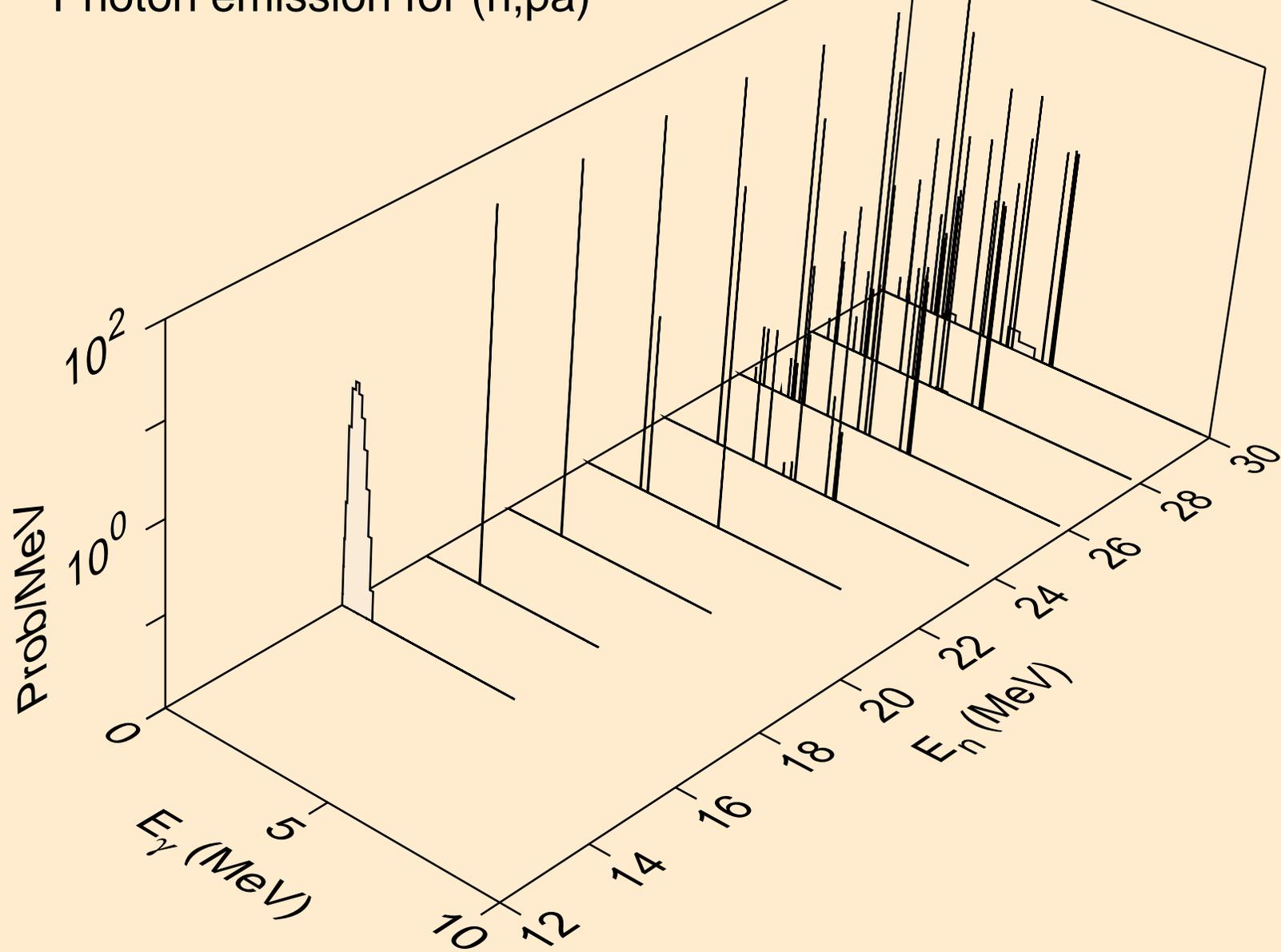
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2a)



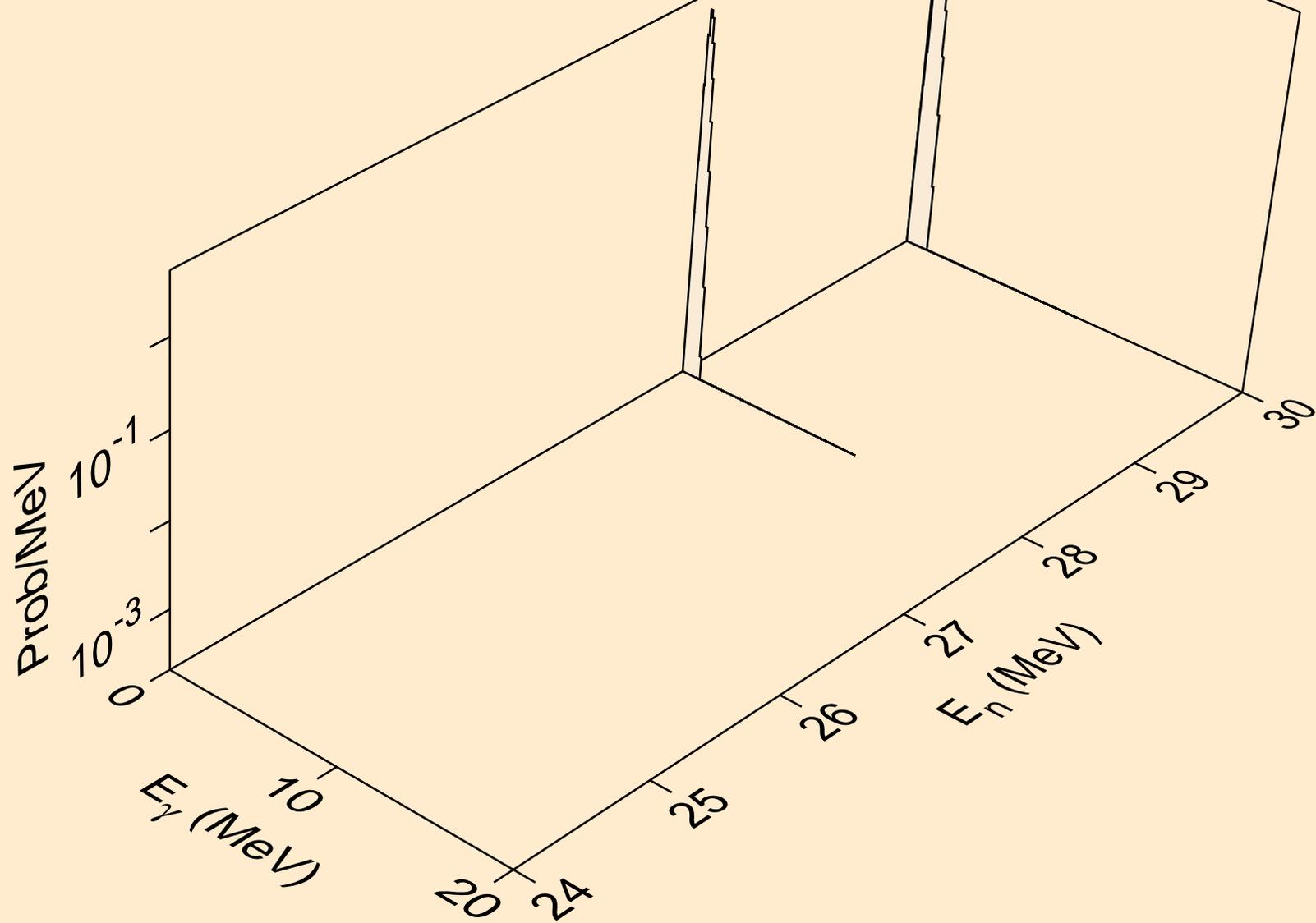
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,2p)



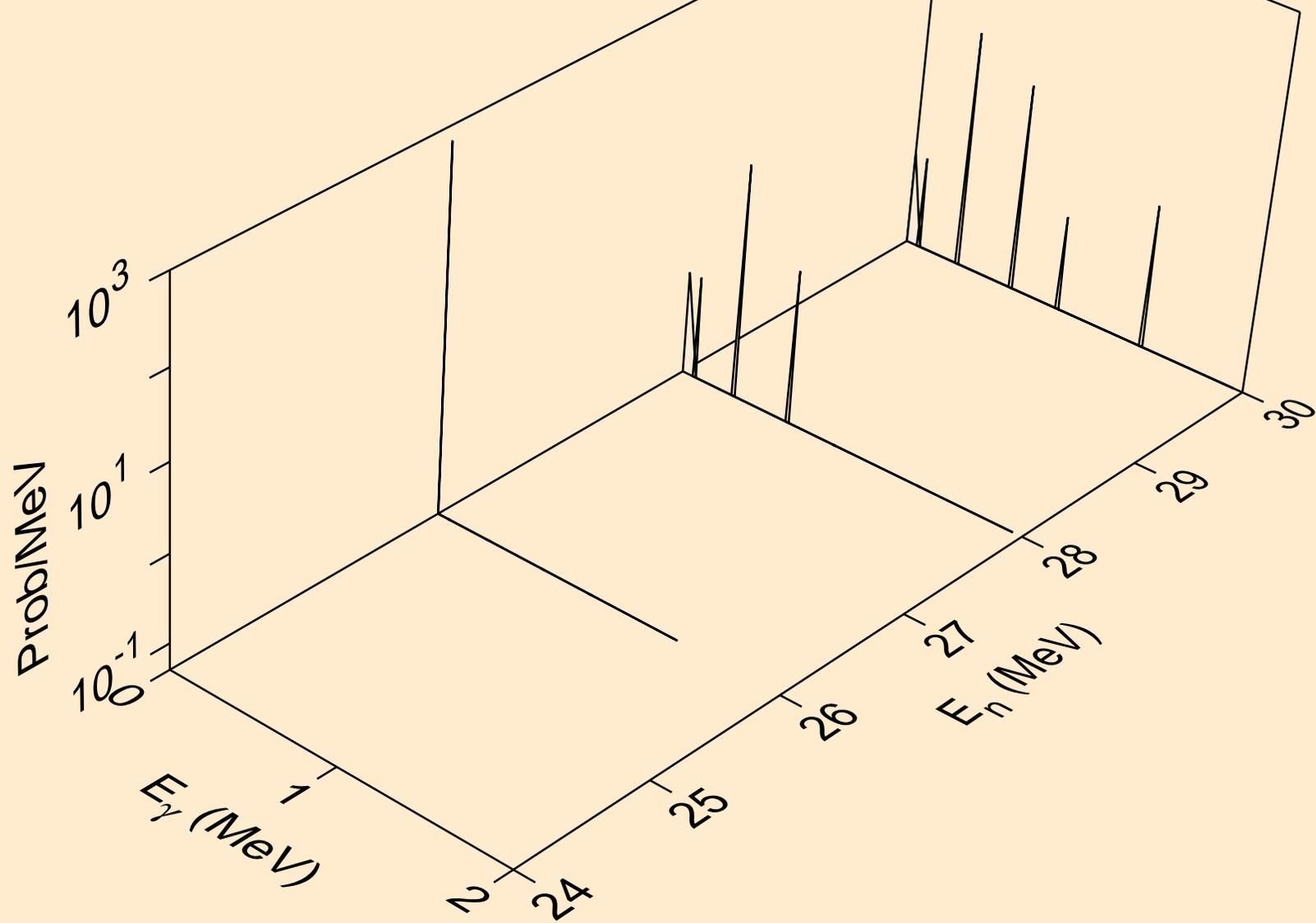
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pa)



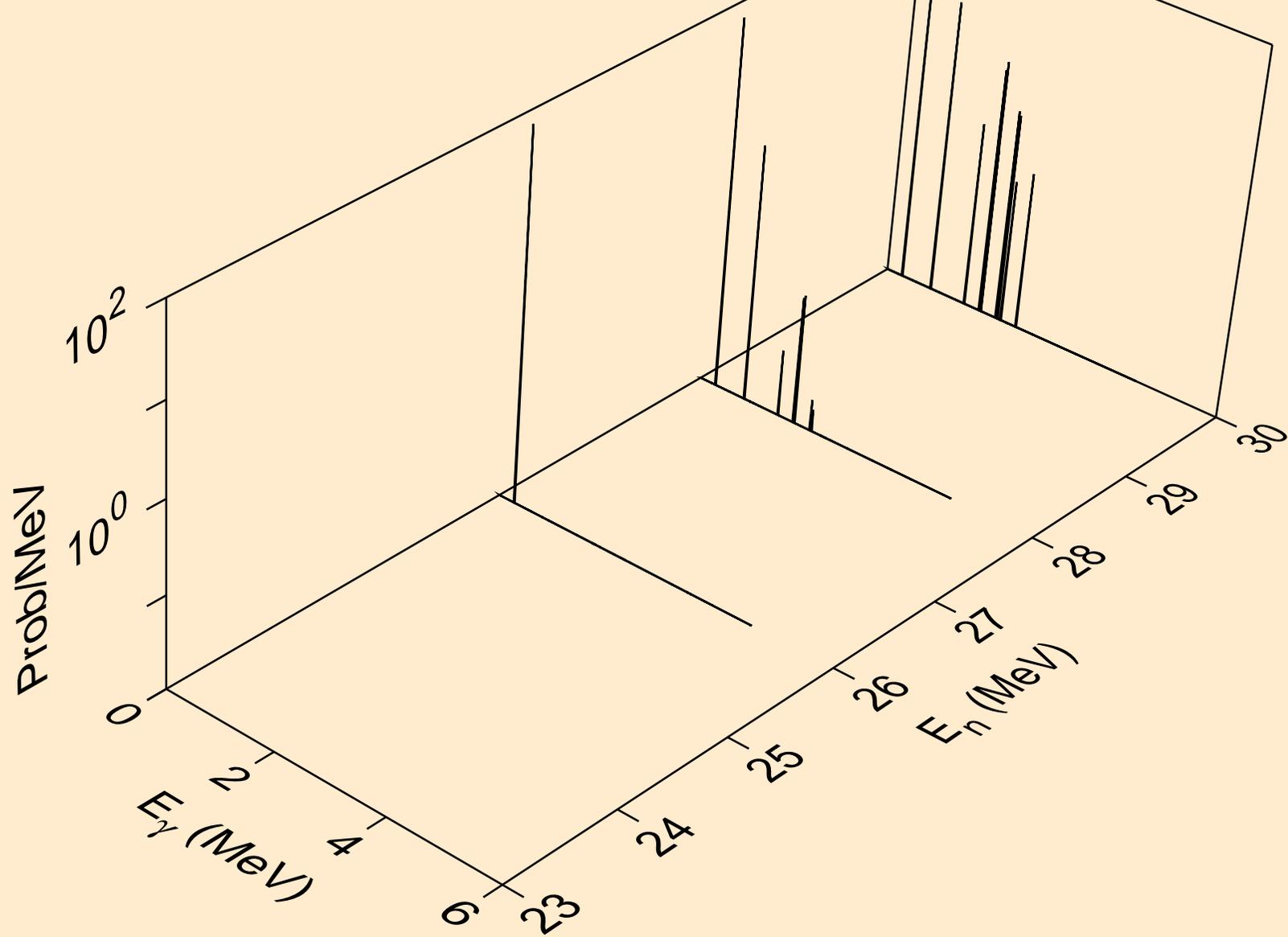
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,t2a)



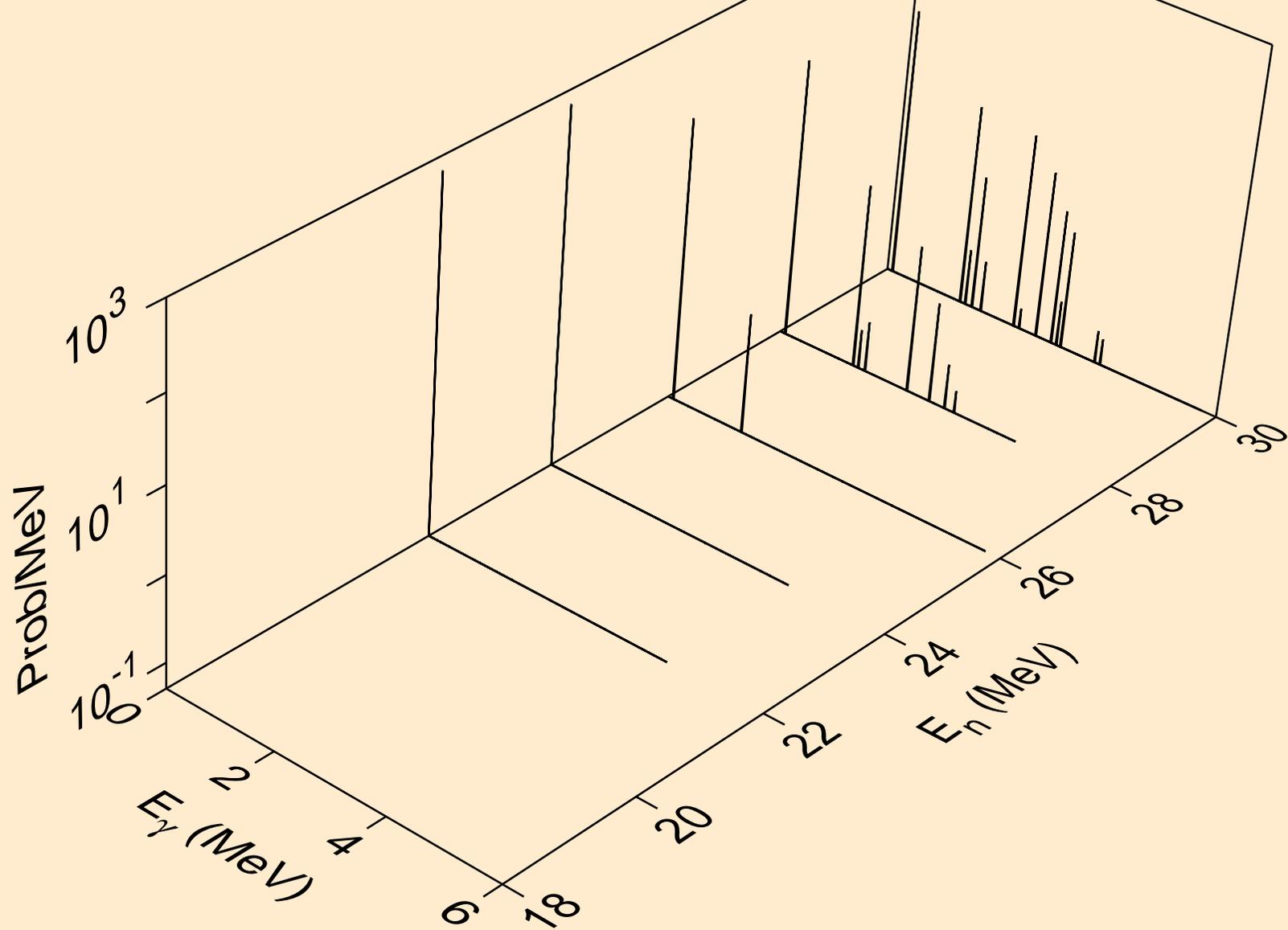
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pd)



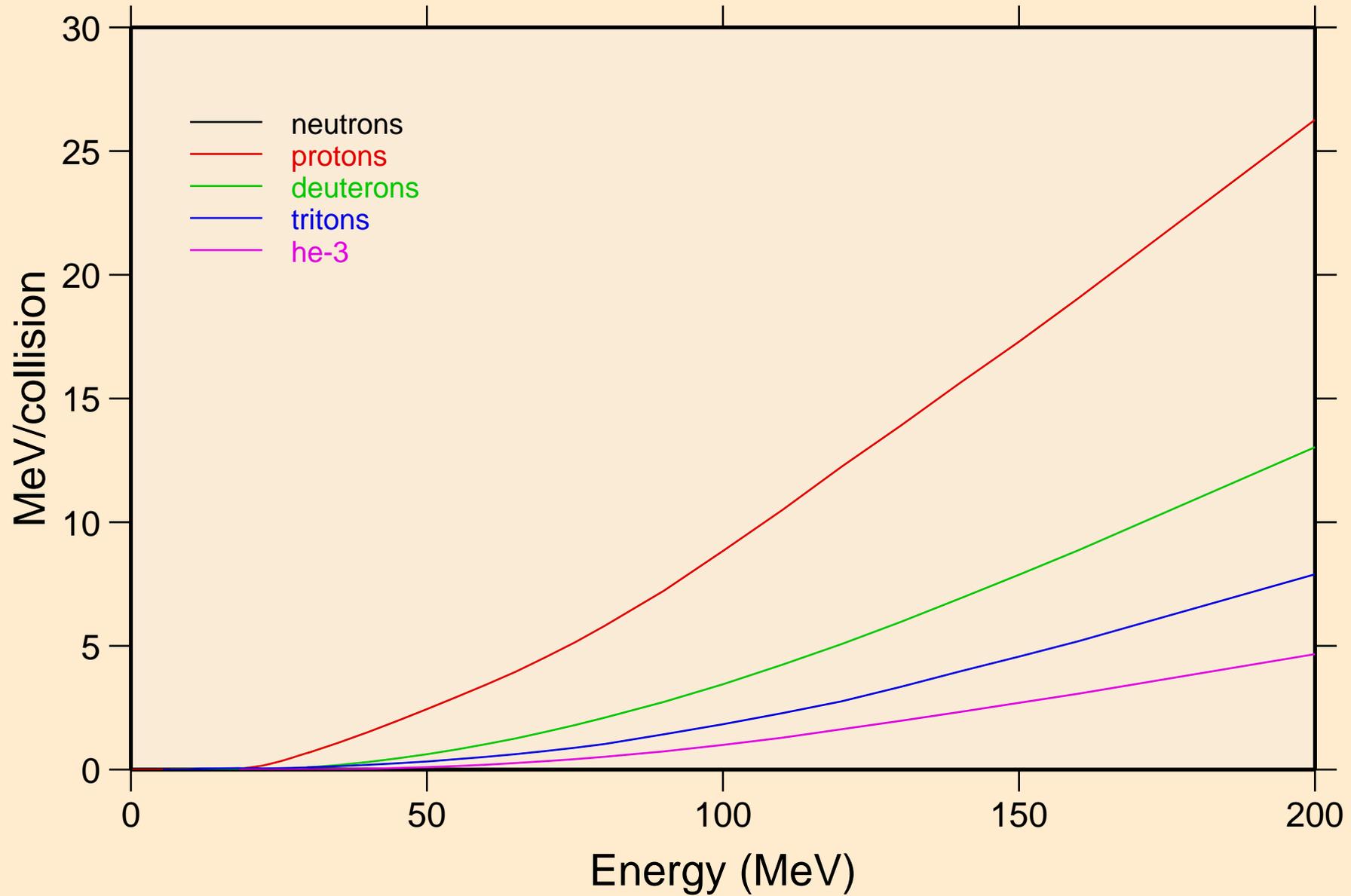
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,pt)



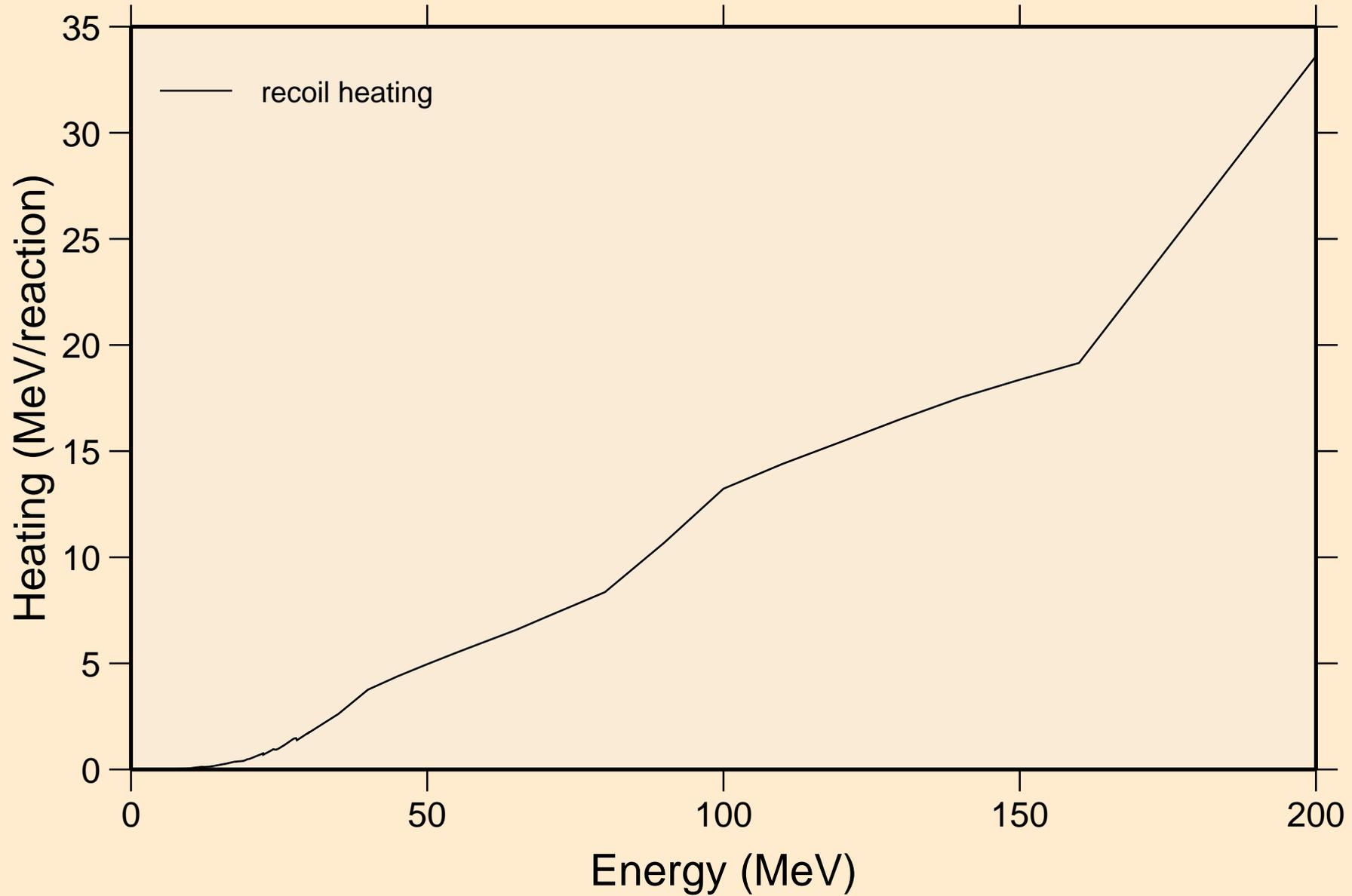
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Photon emission for (n,da)



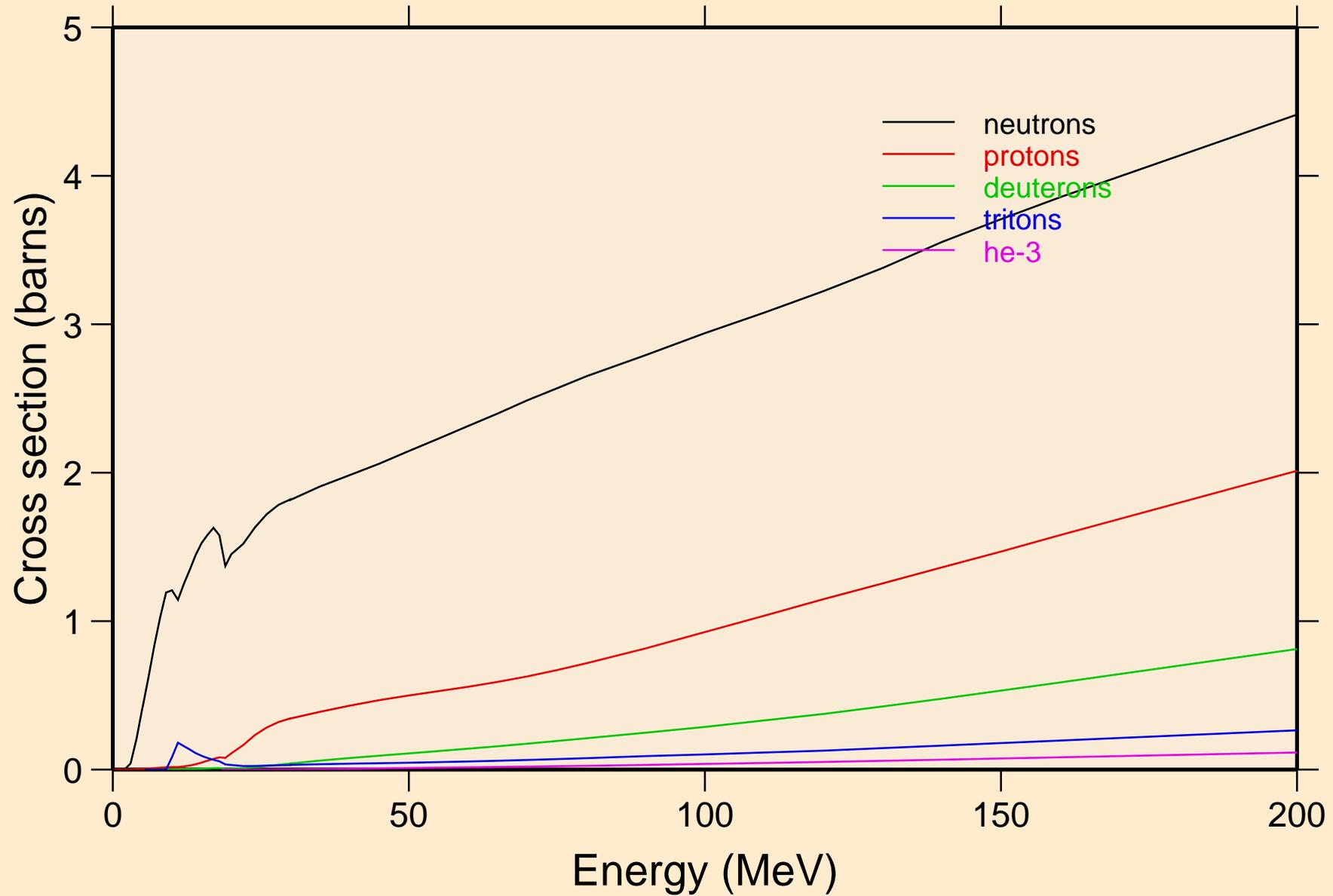
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle heating contributions



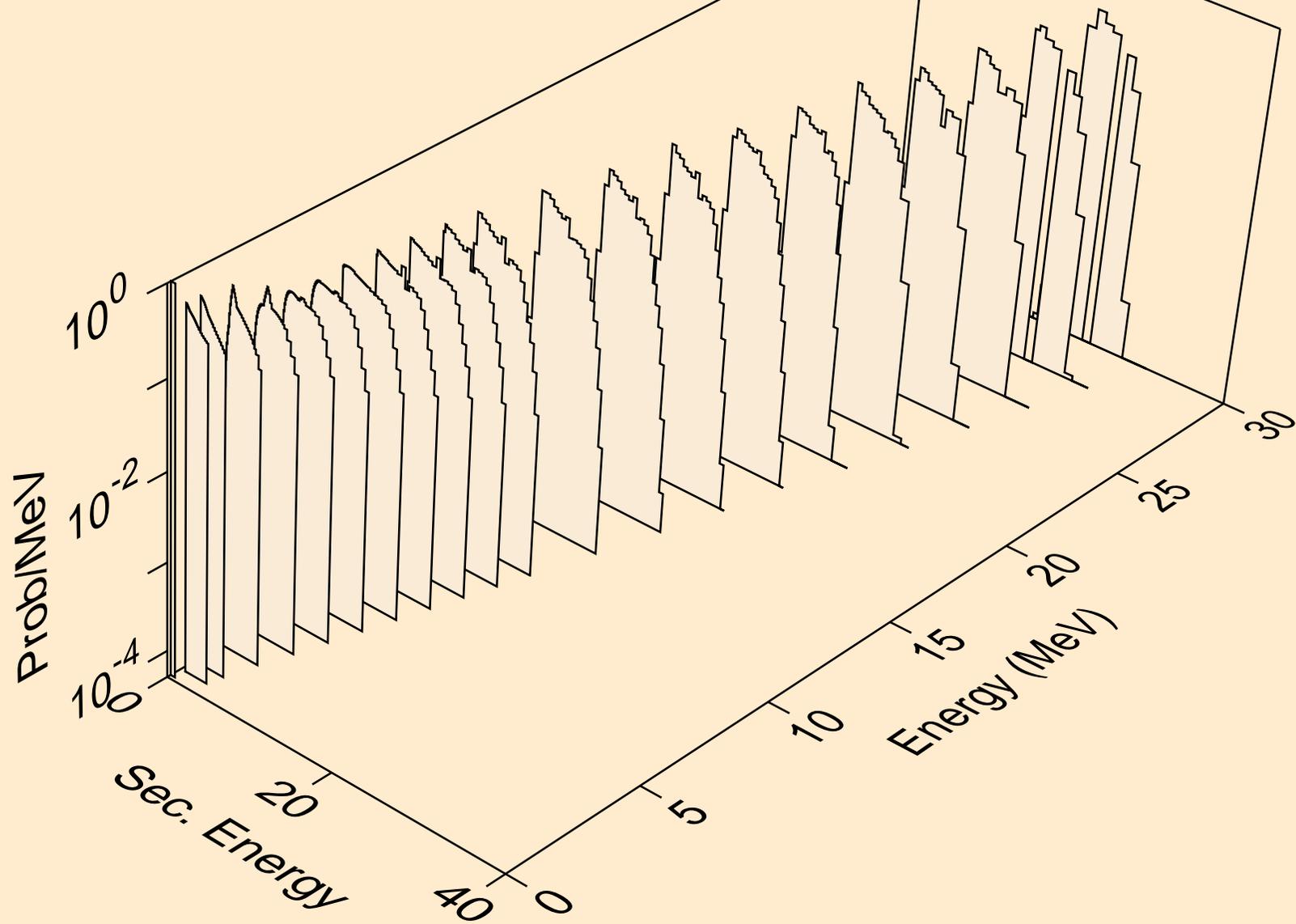
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Recoil Heating



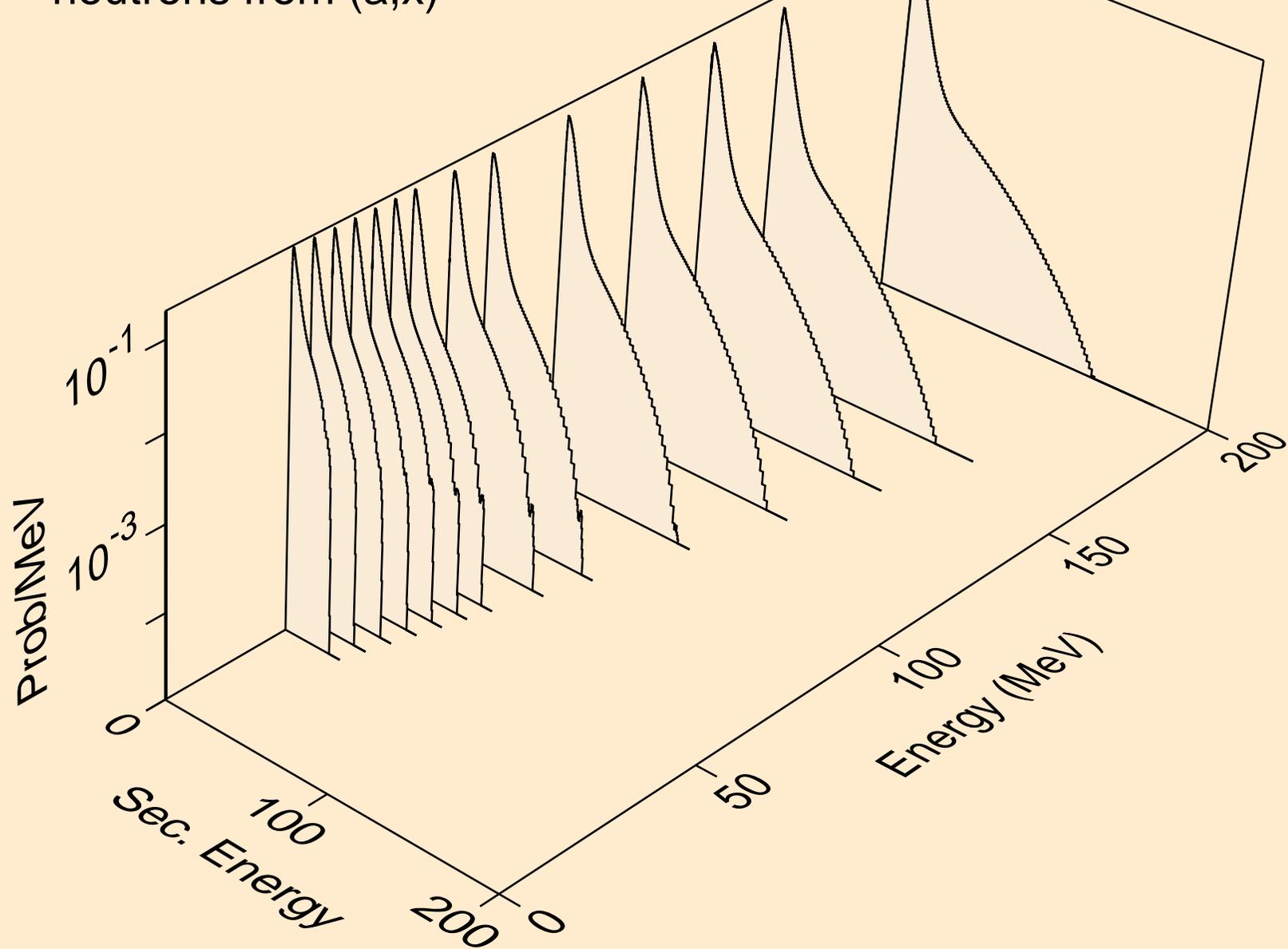
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
Particle production cross sections



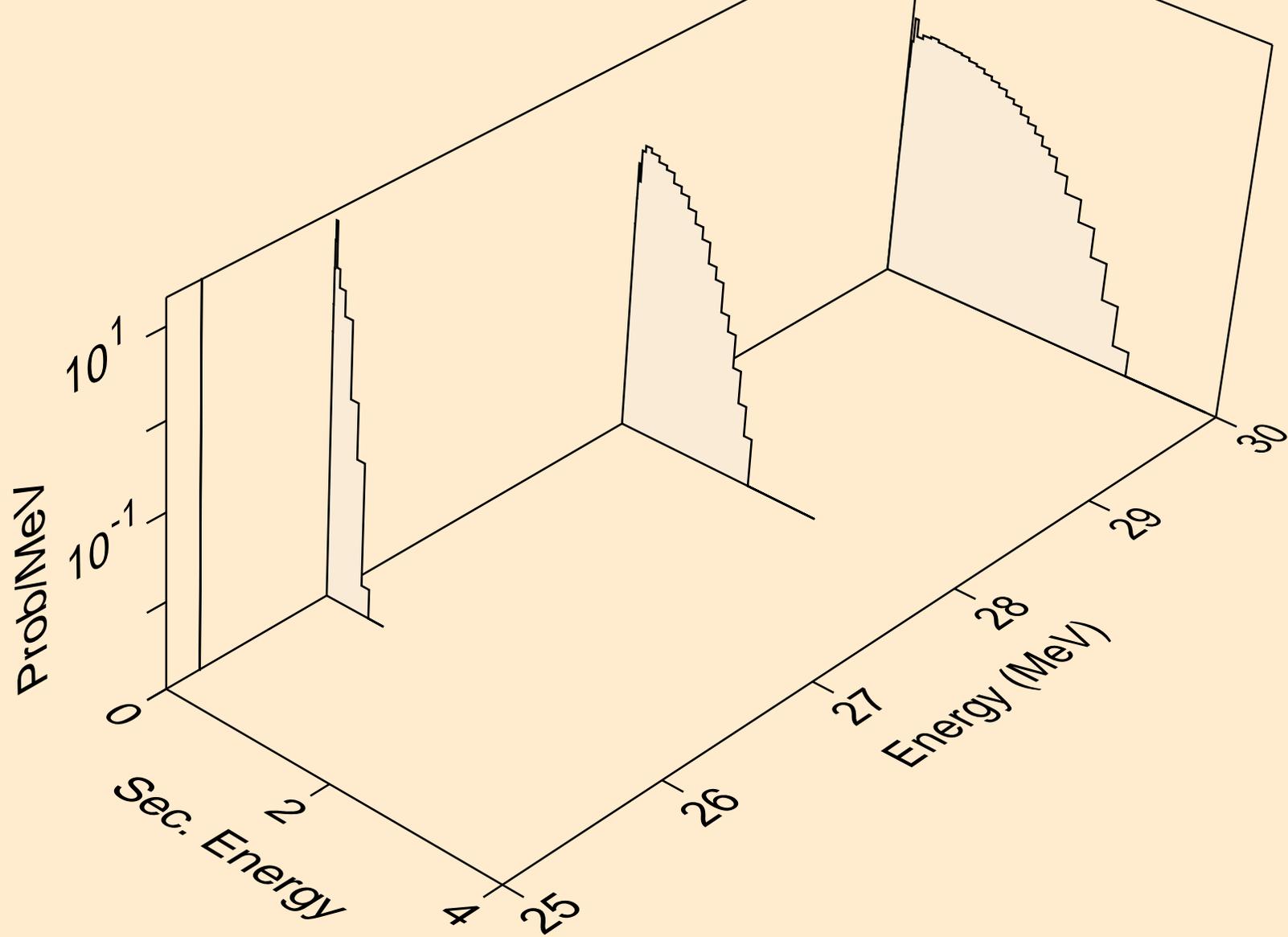
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n)



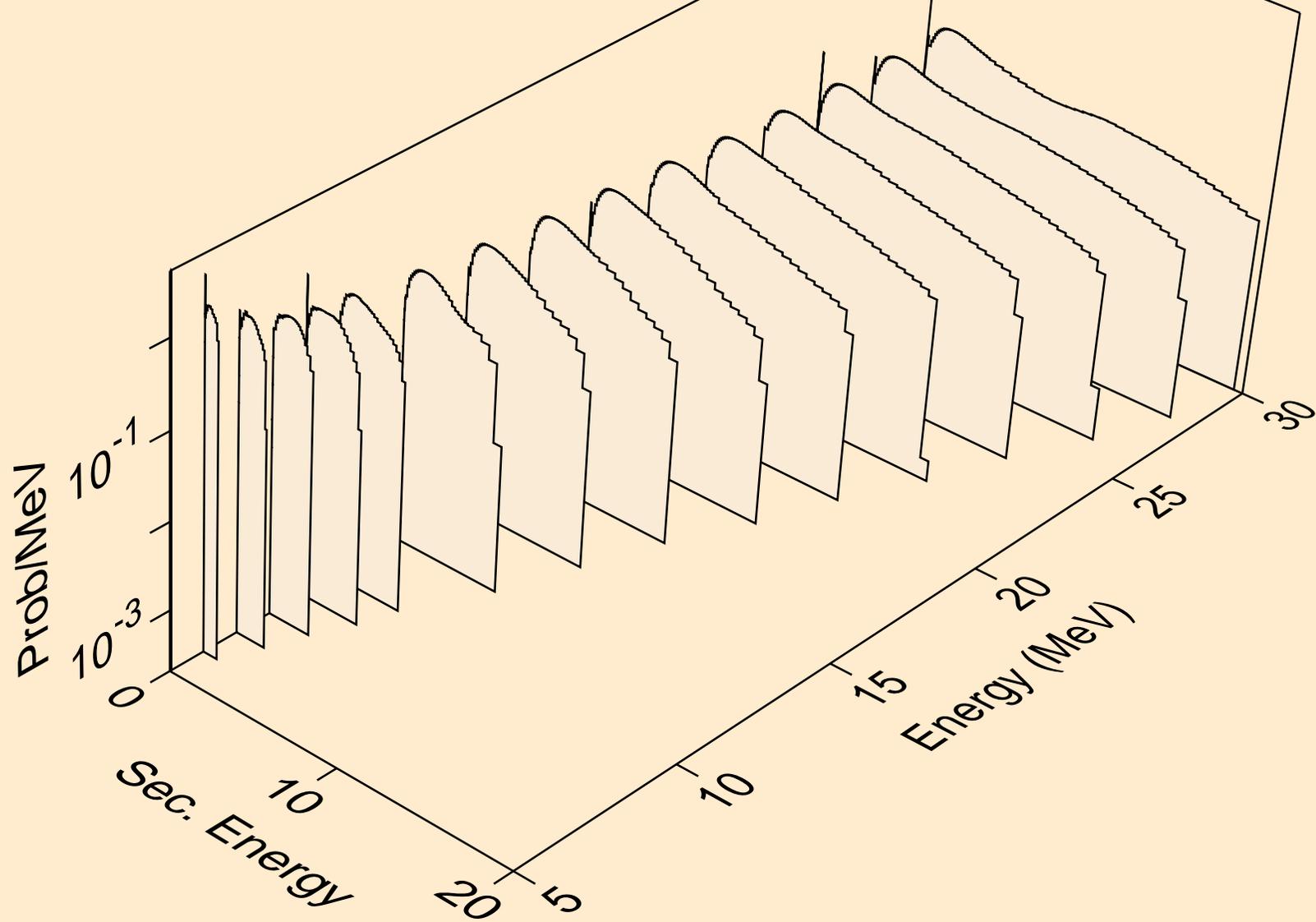
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,x)



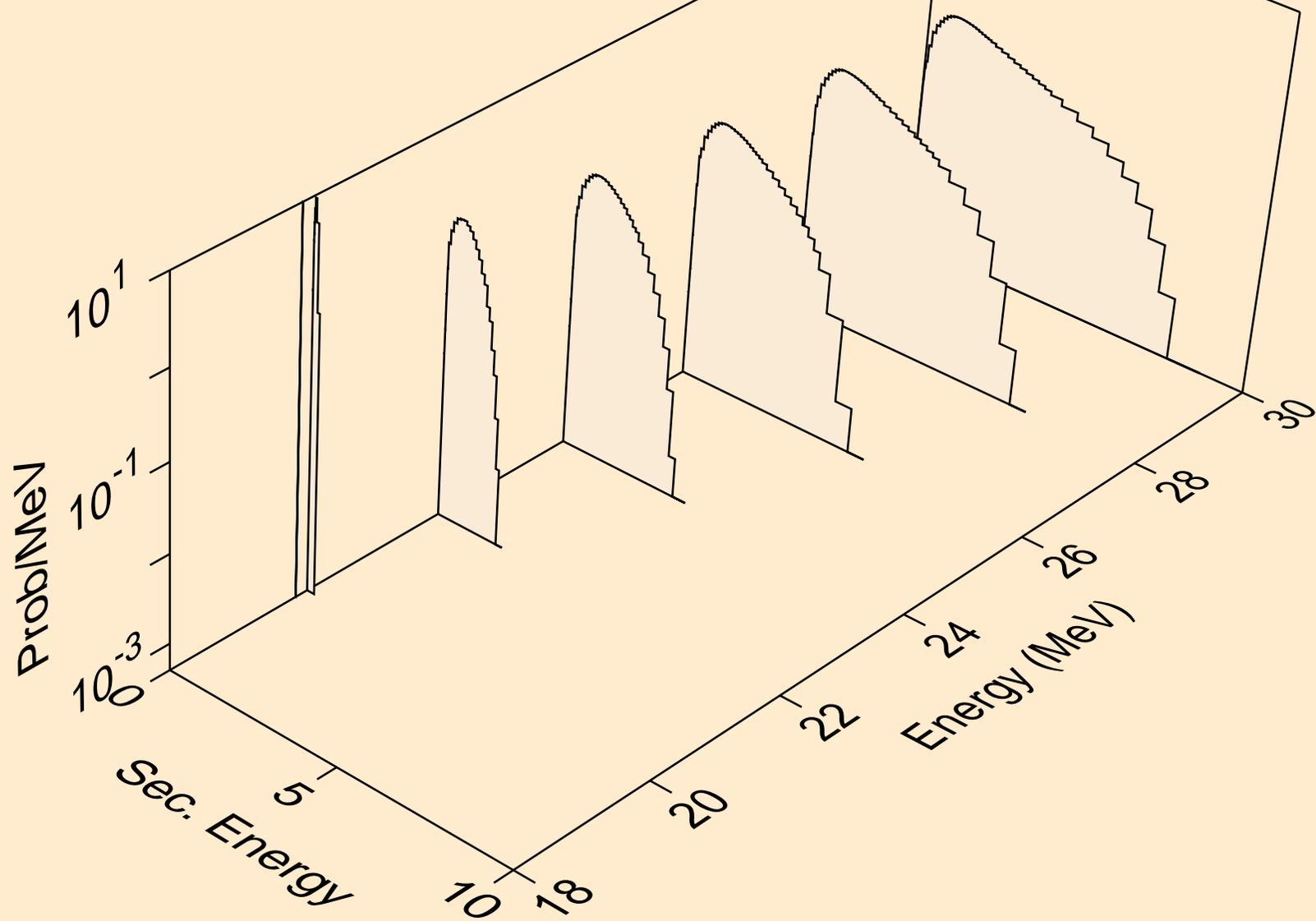
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2nd)



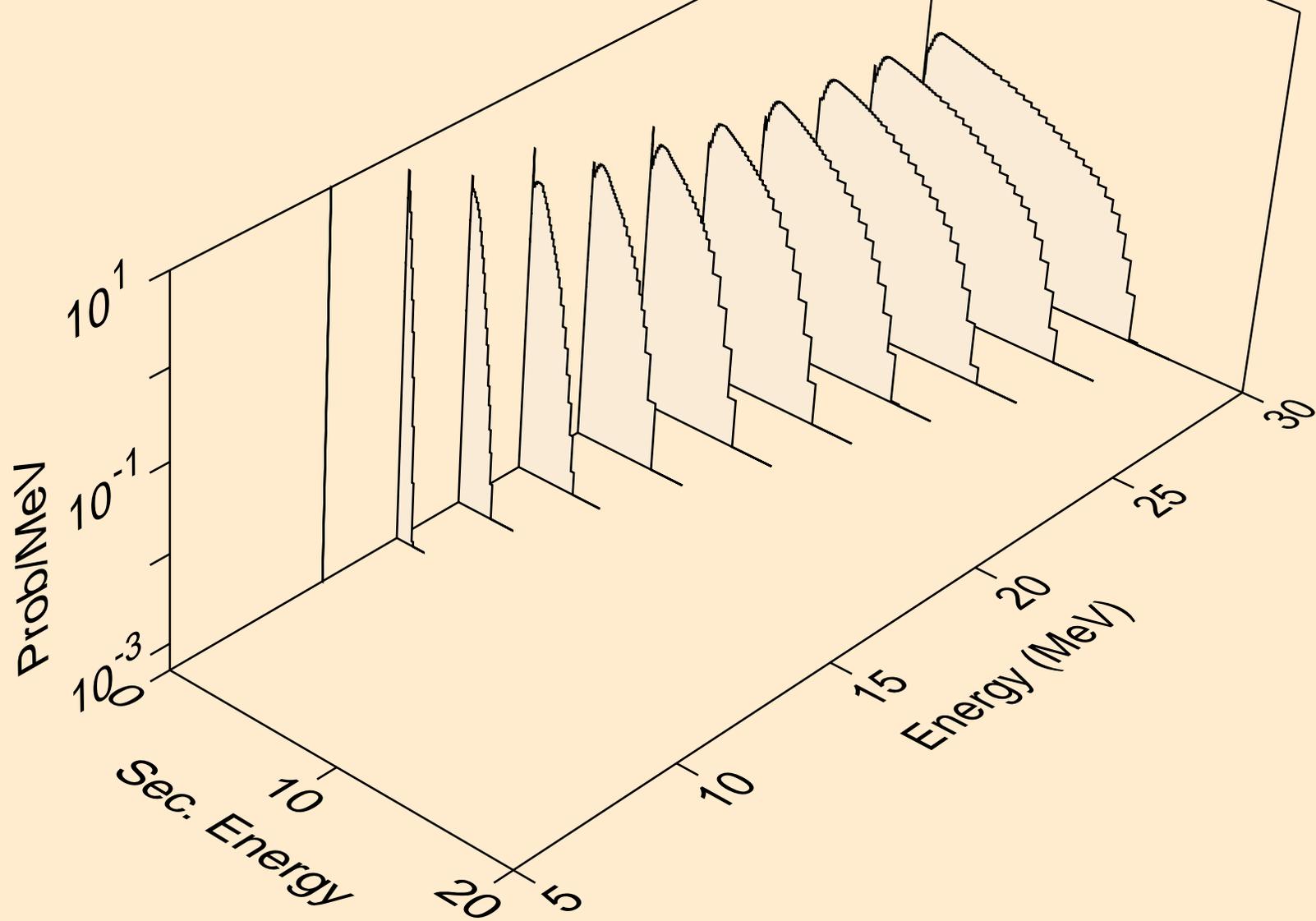
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)



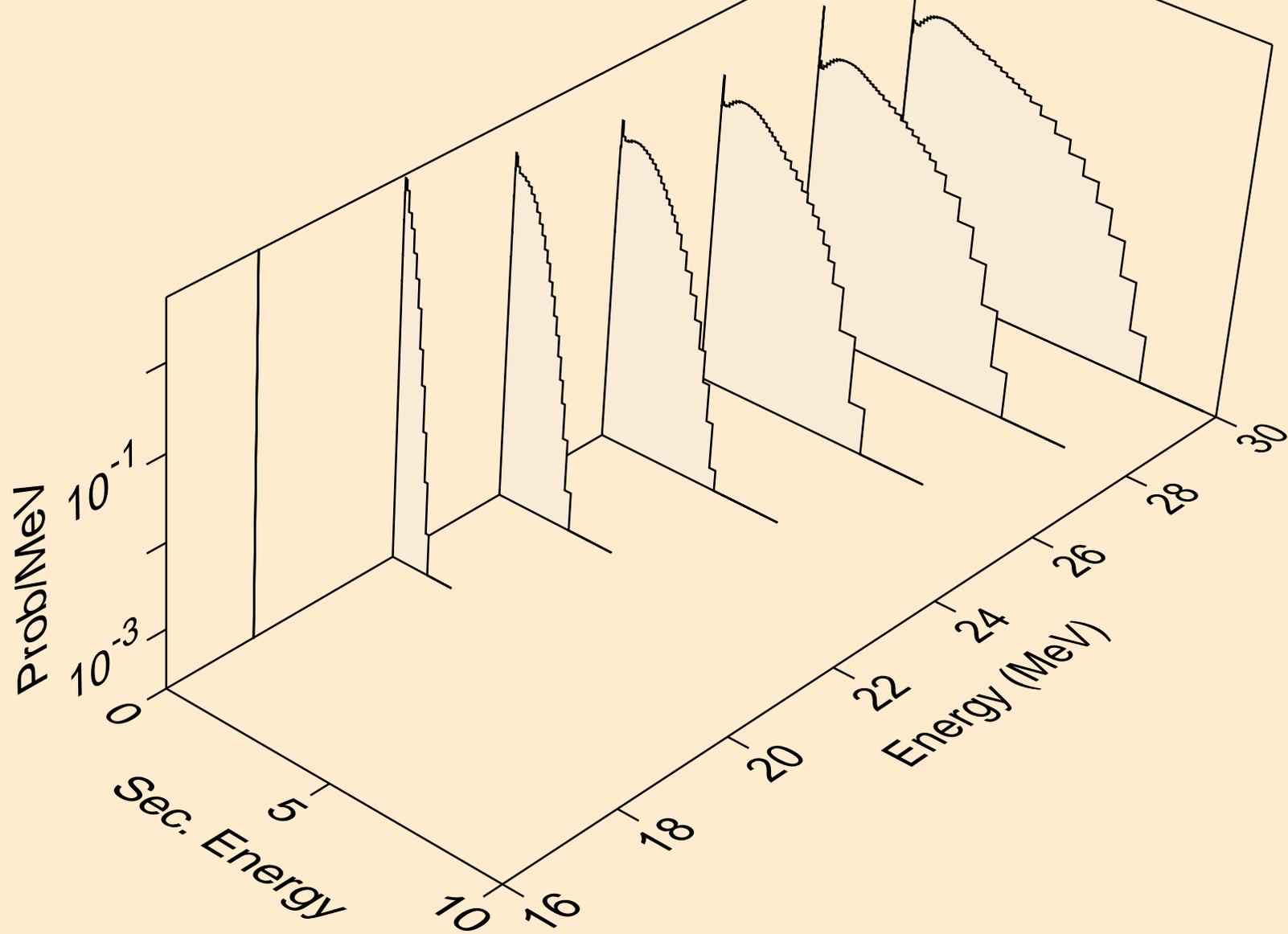
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3n)



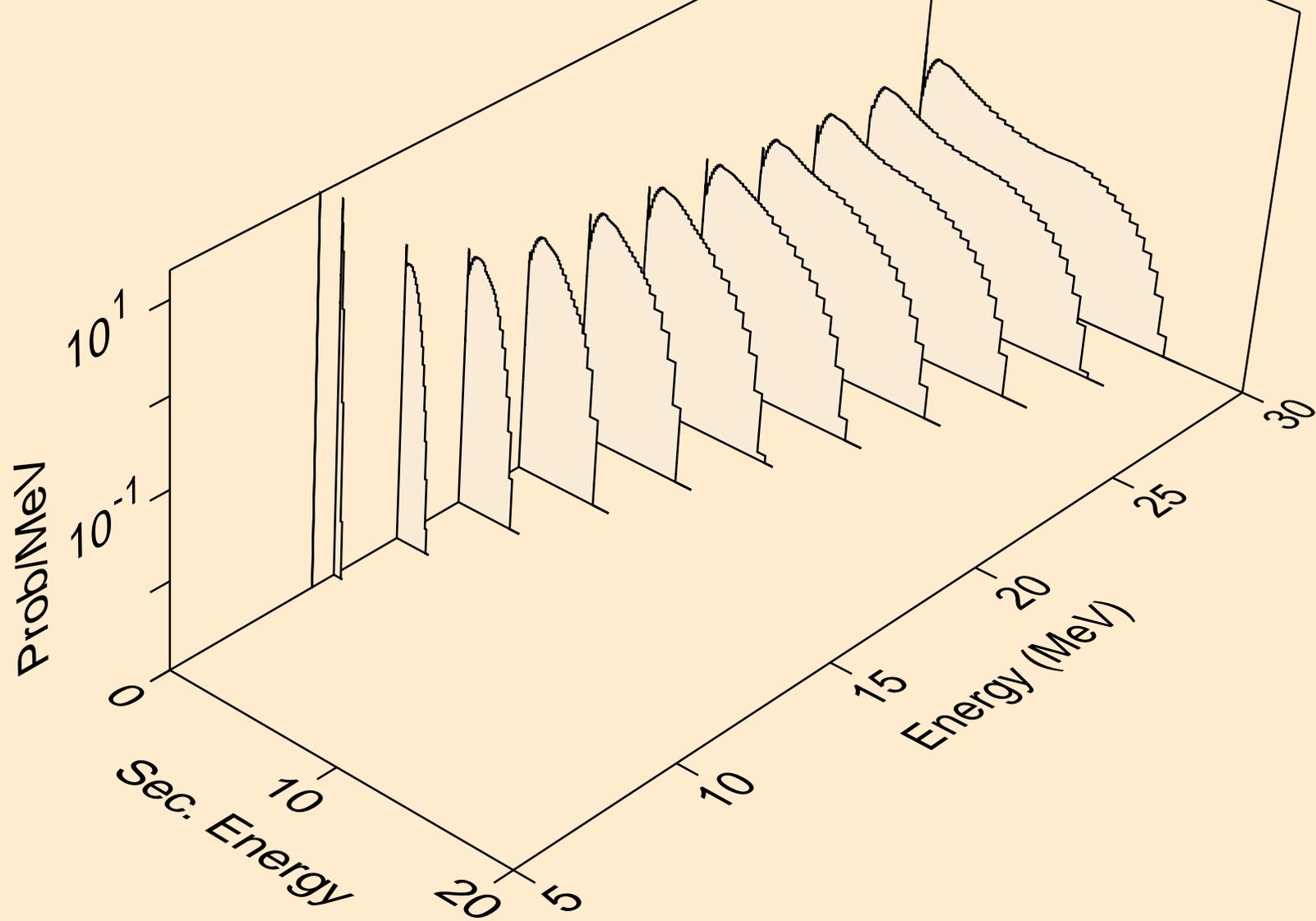
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)a



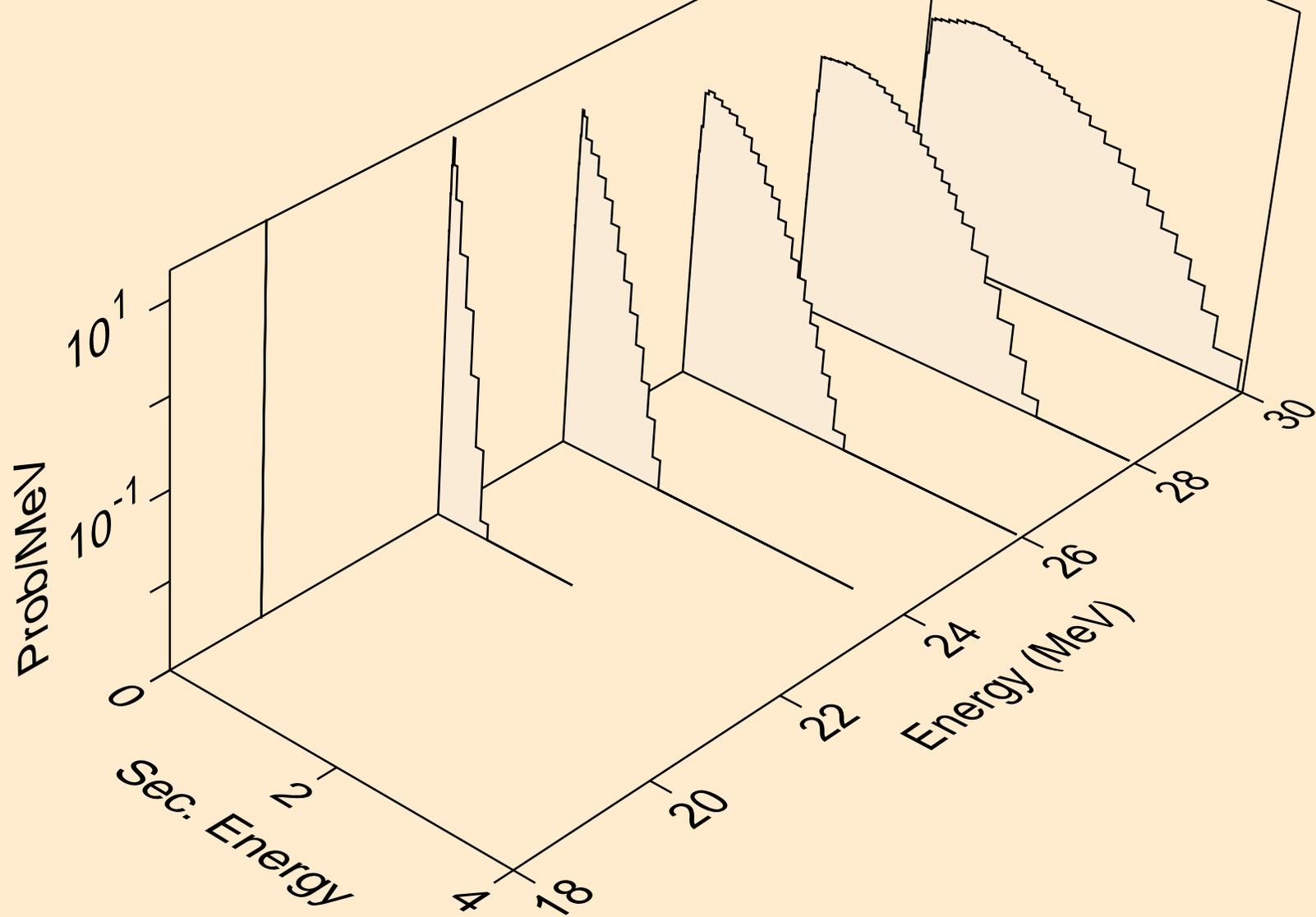
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)a



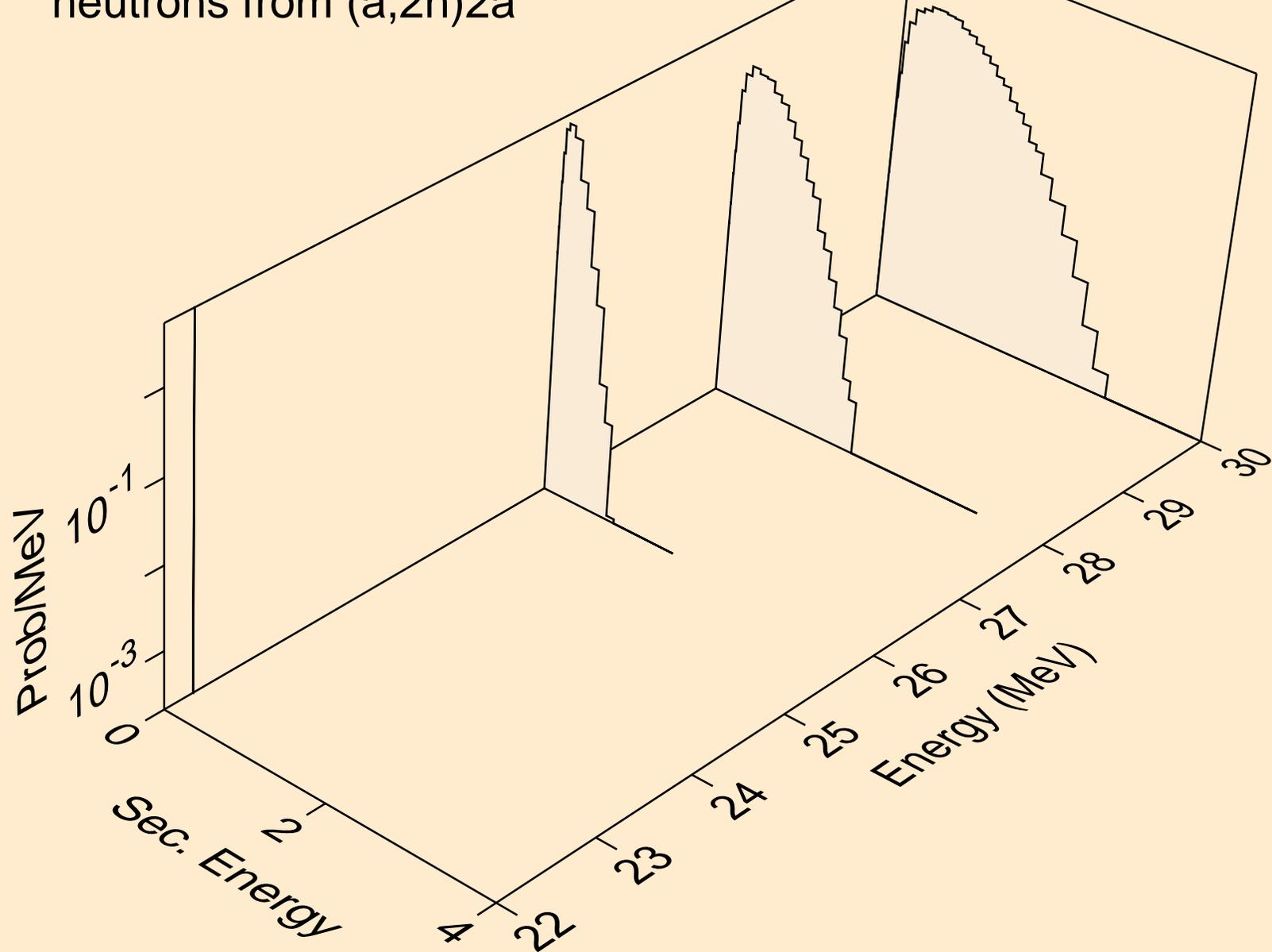
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)p



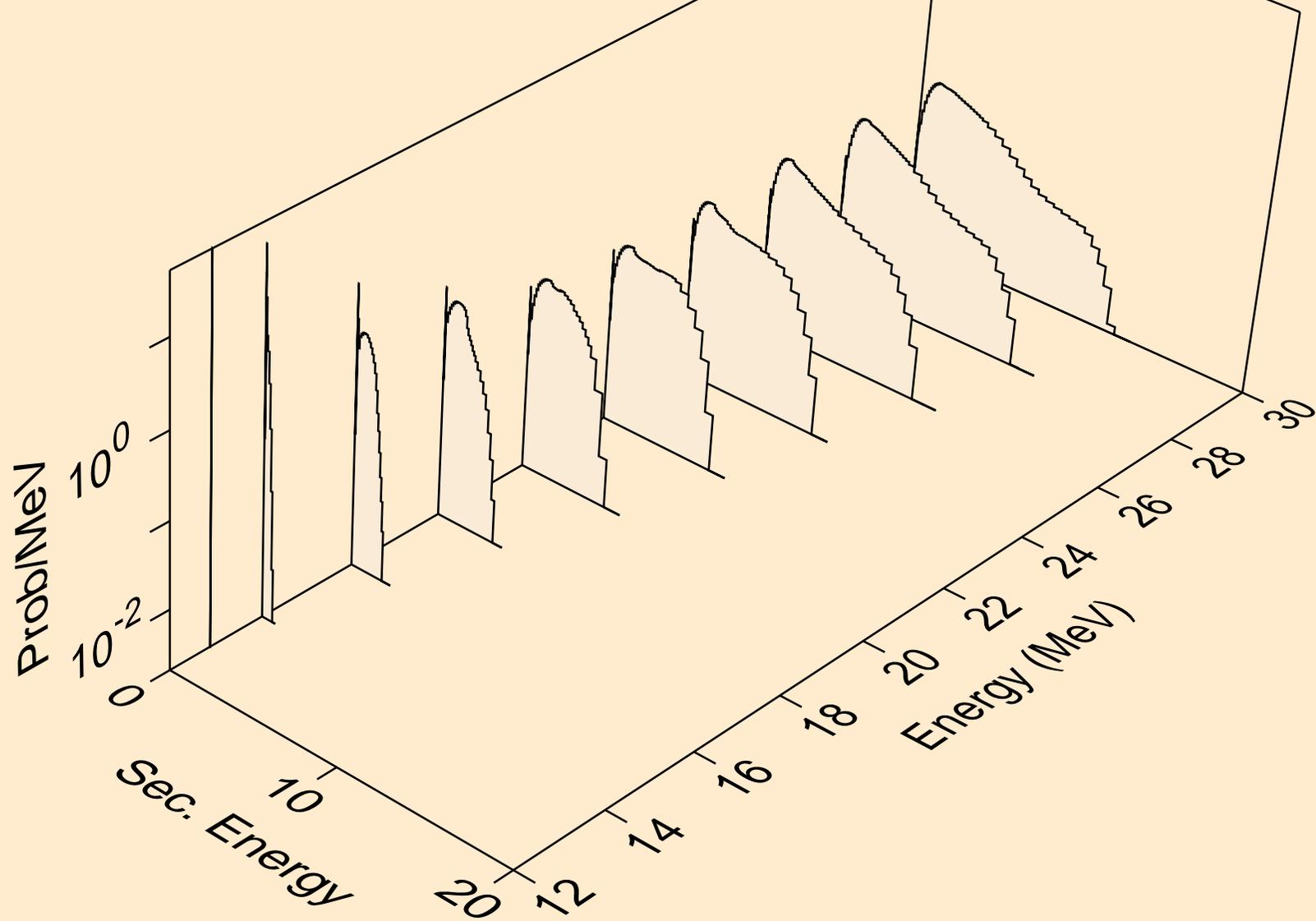
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)2a



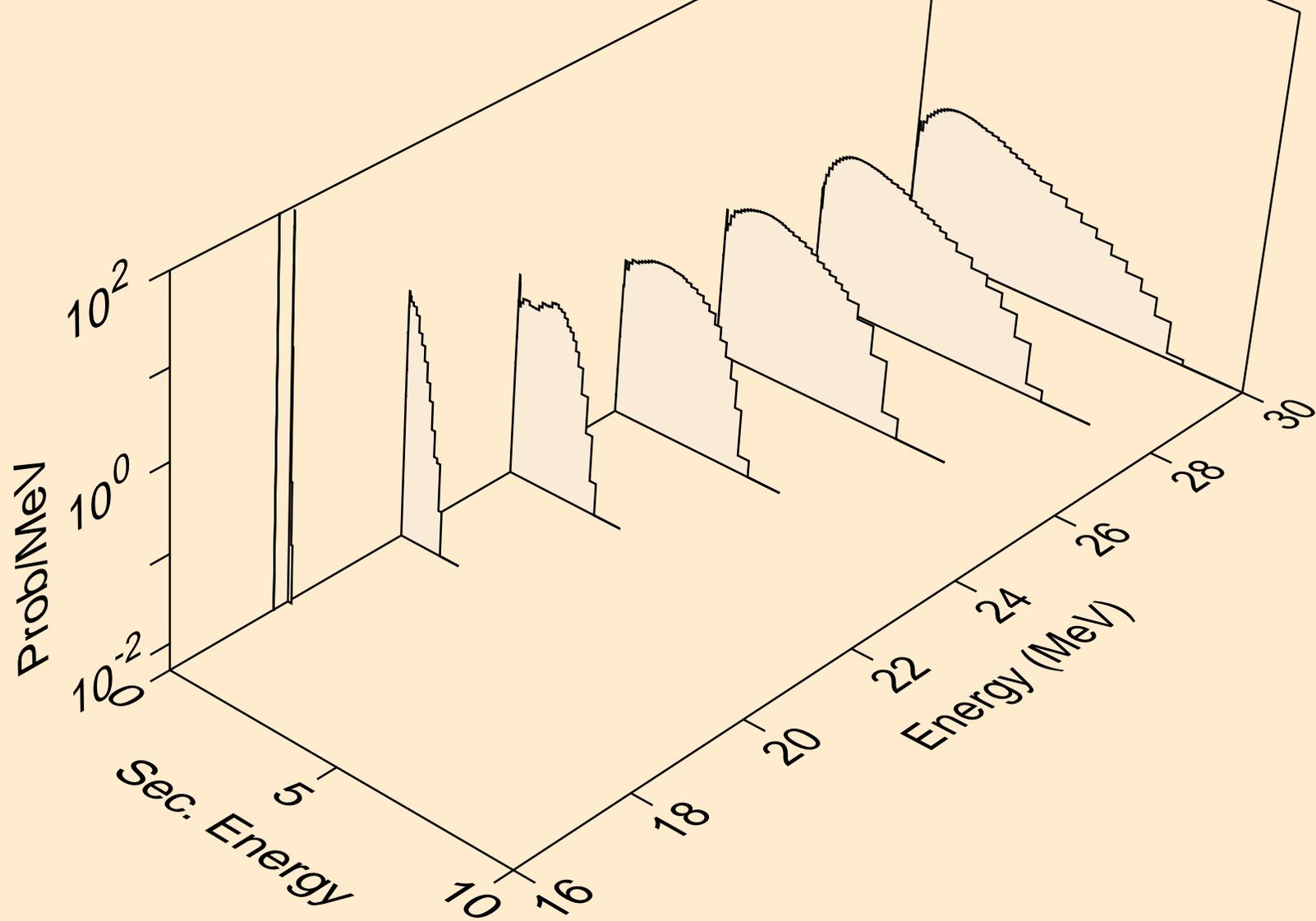
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2n)2a



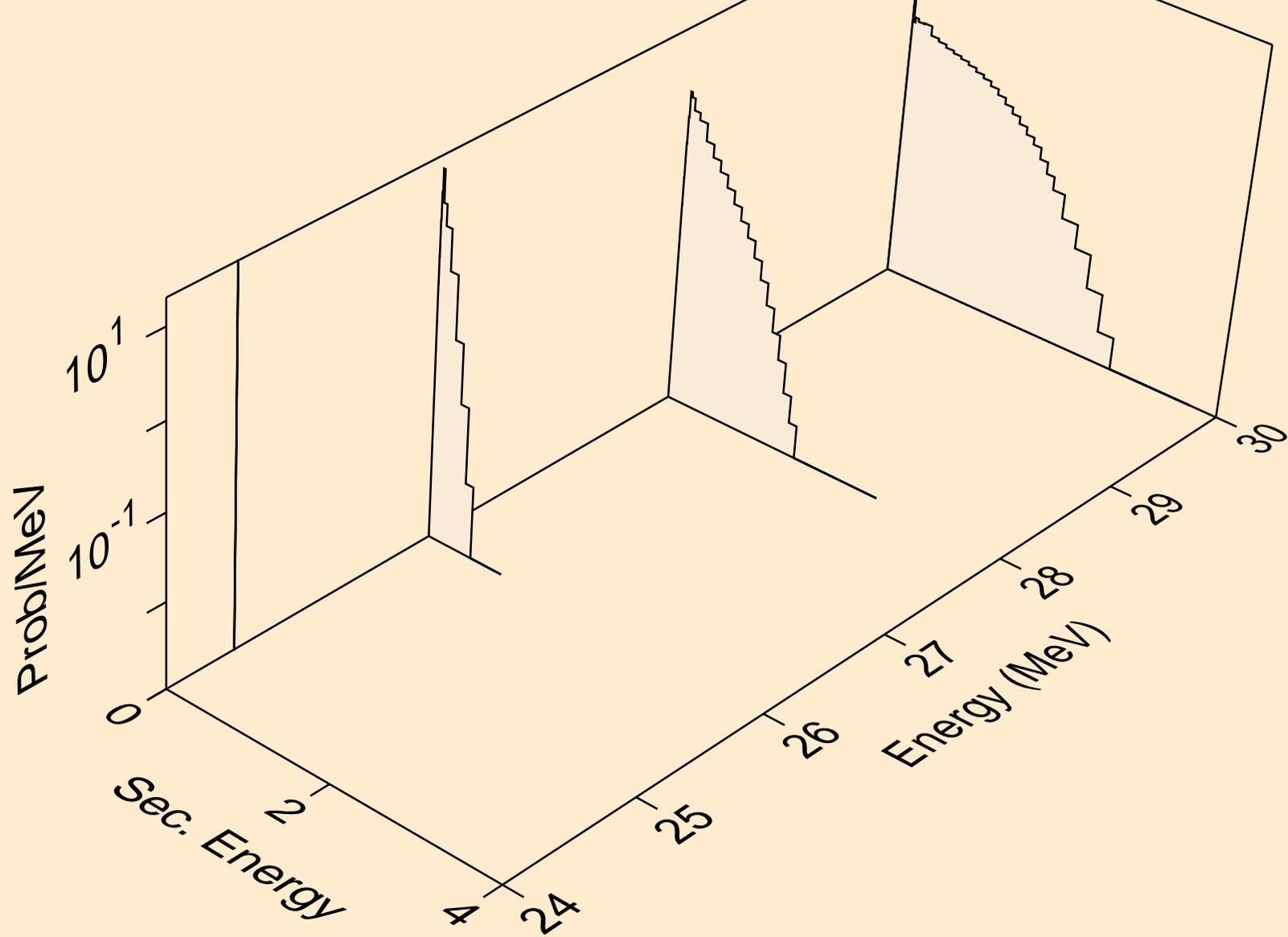
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)d



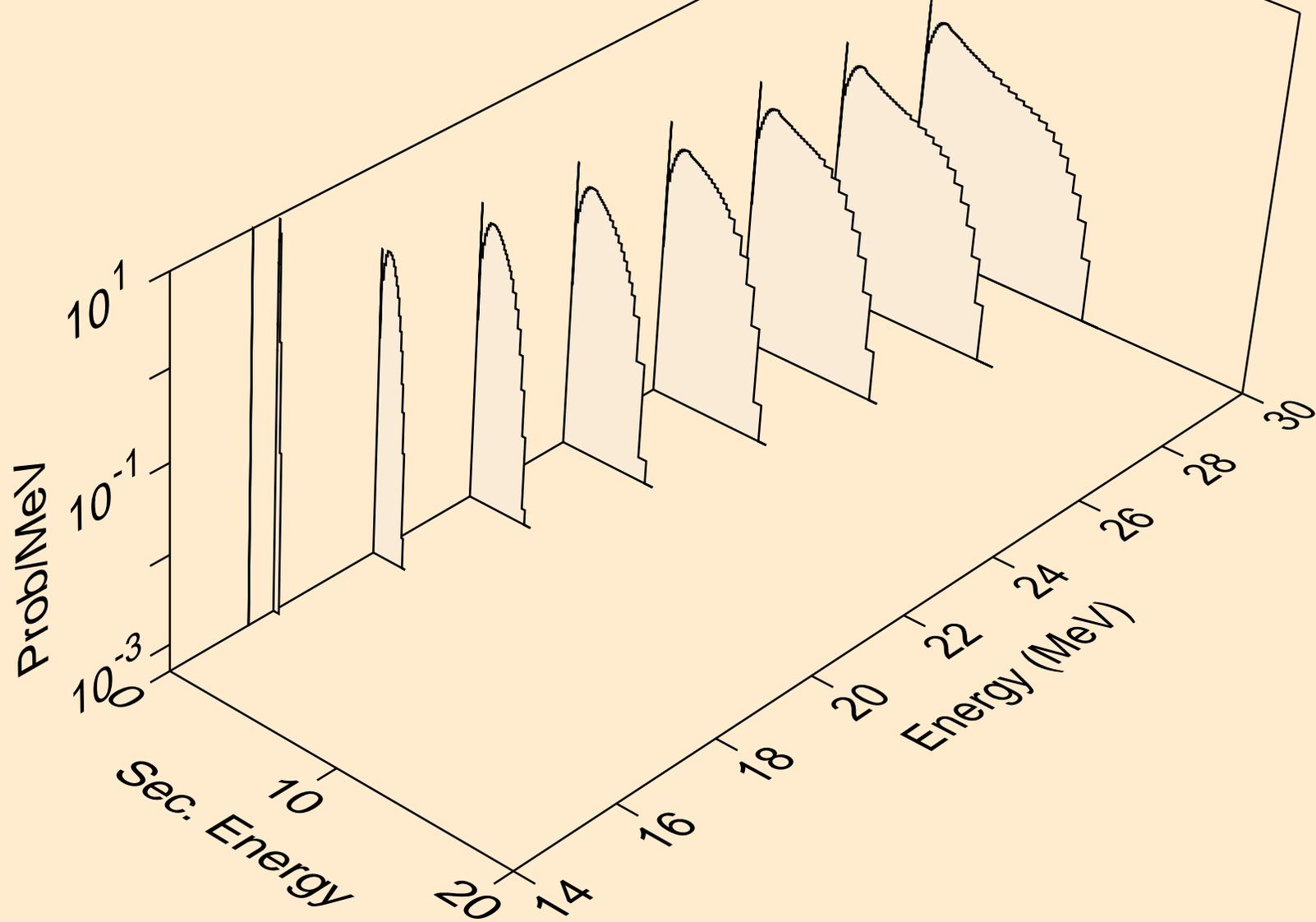
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)t



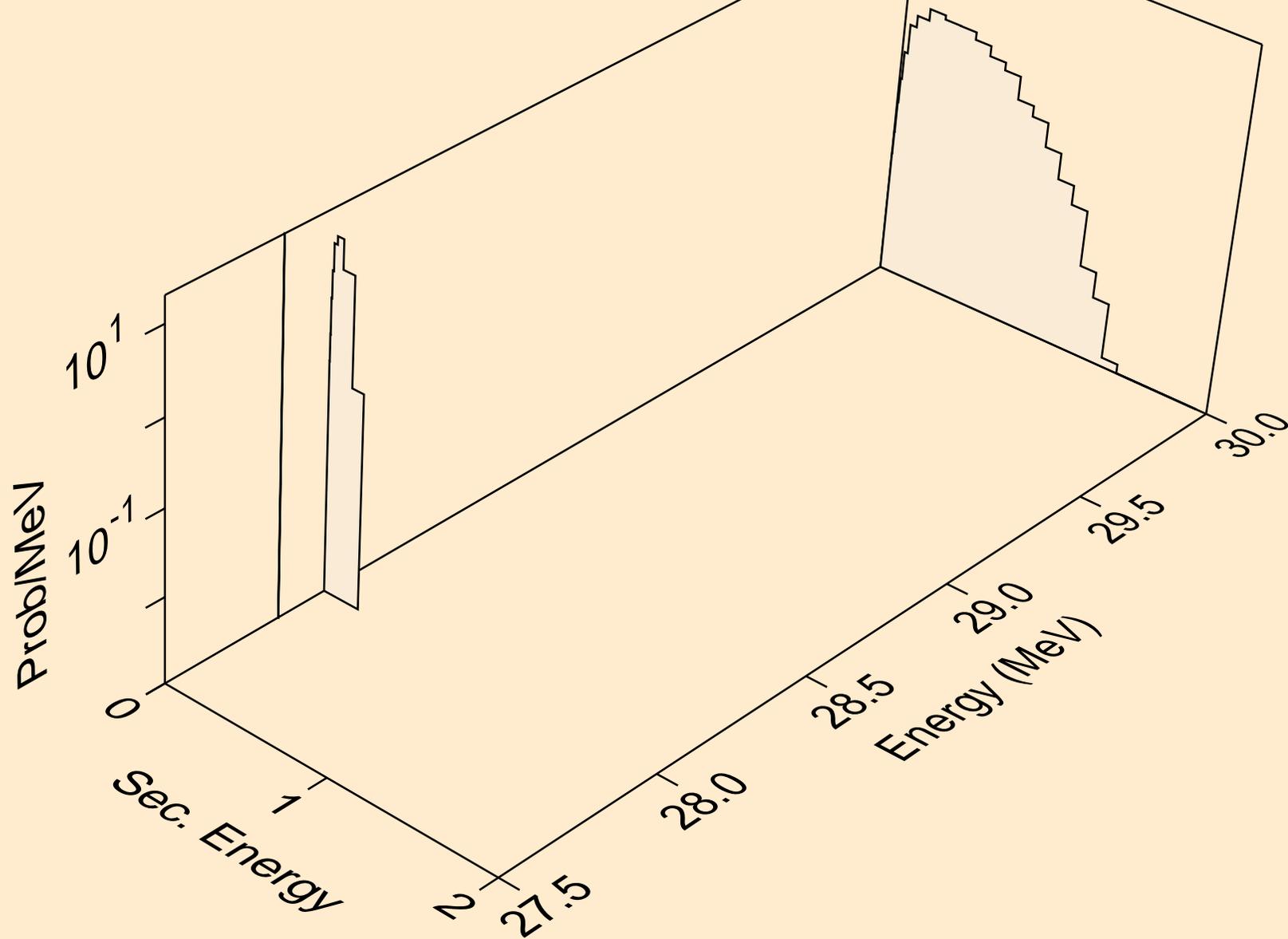
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n\*)he3



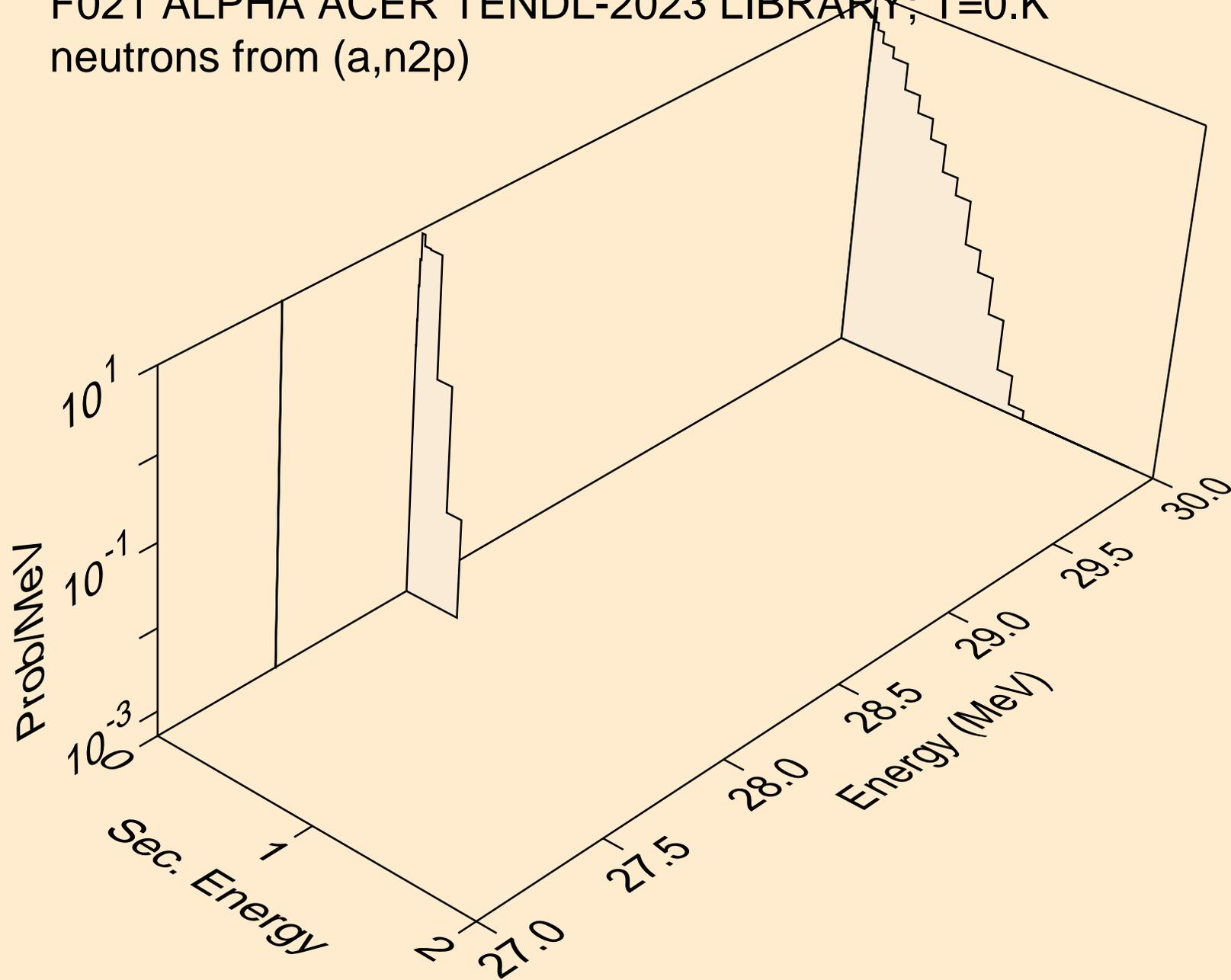
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,2np)



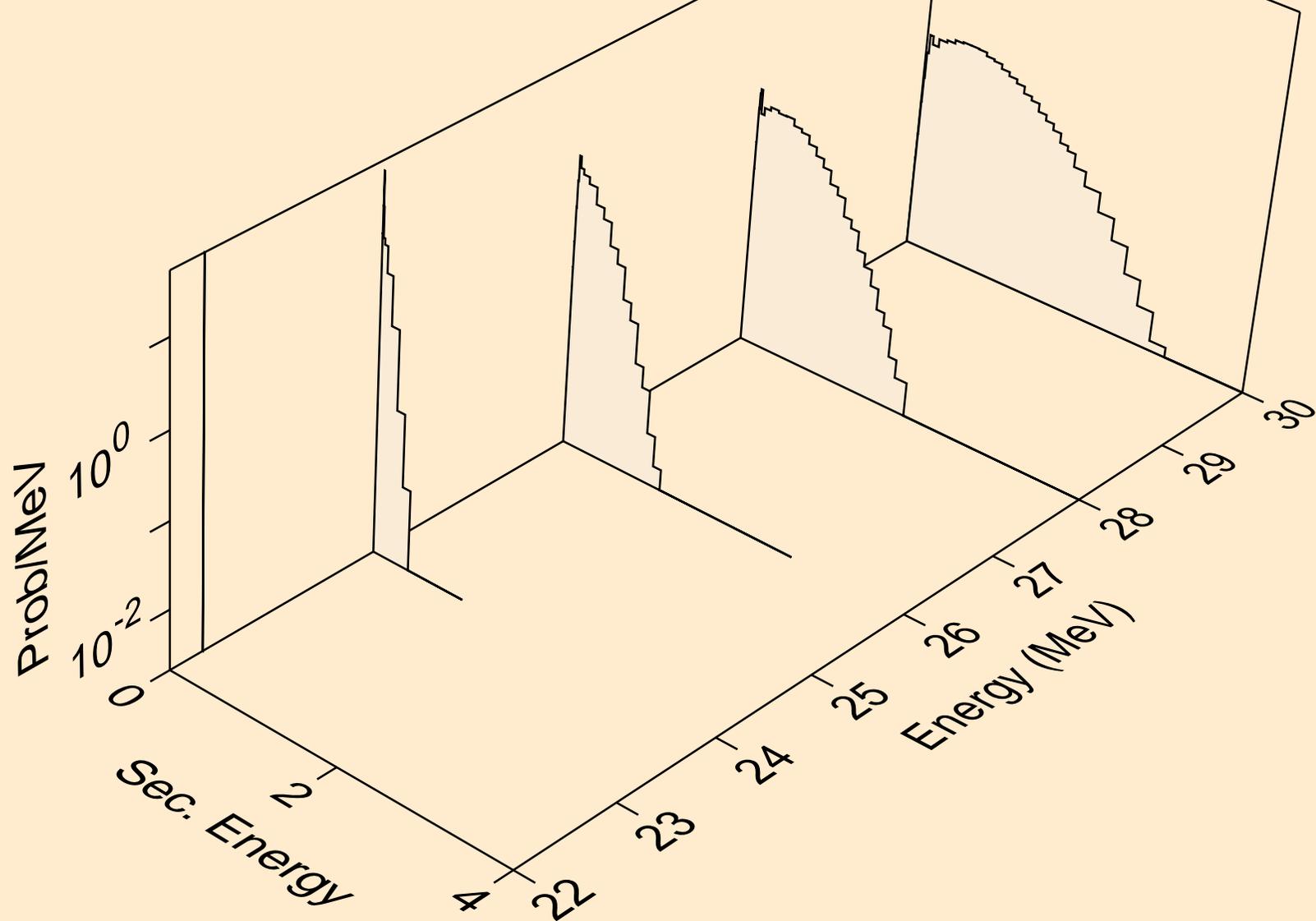
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,3np)



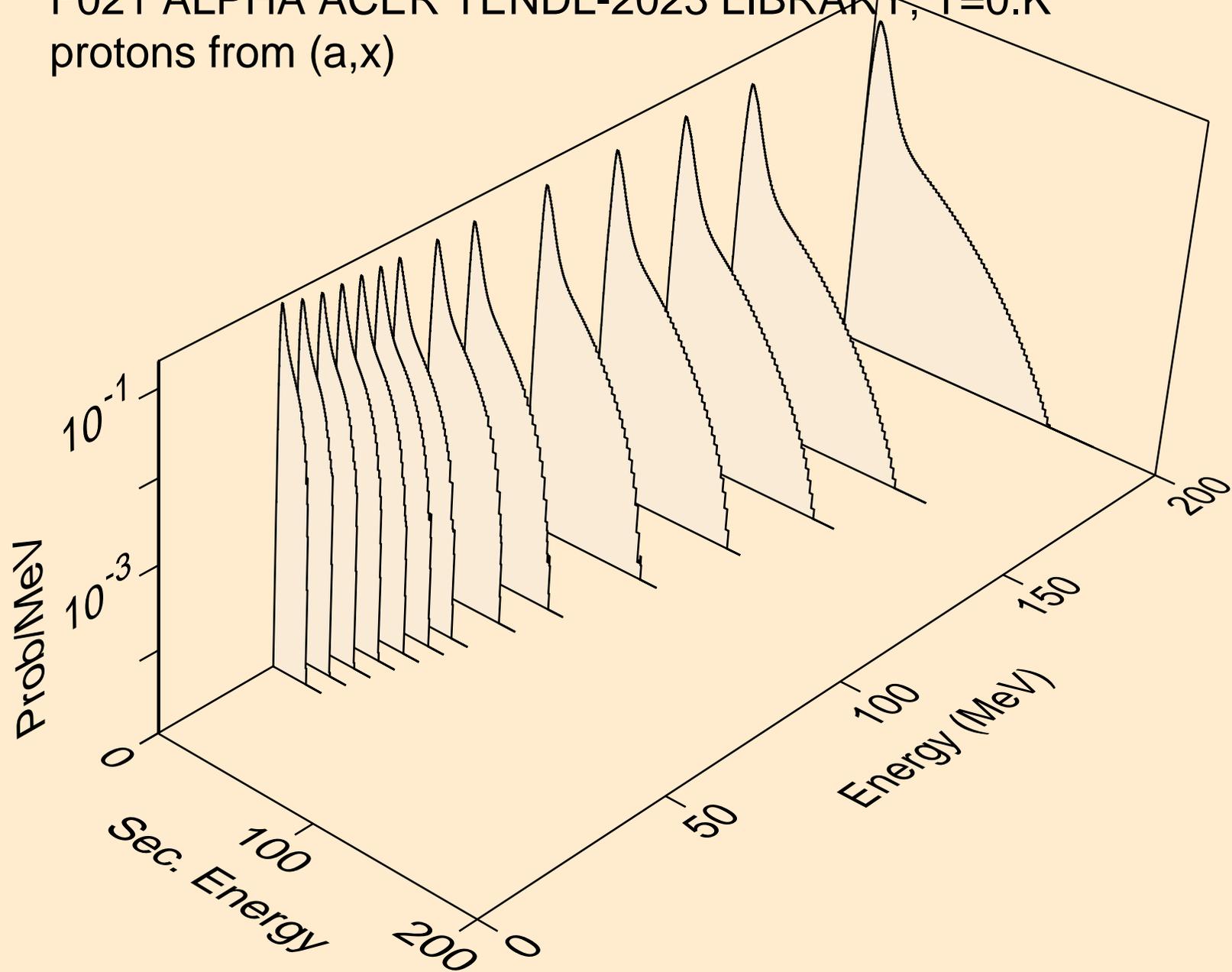
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,n2p)



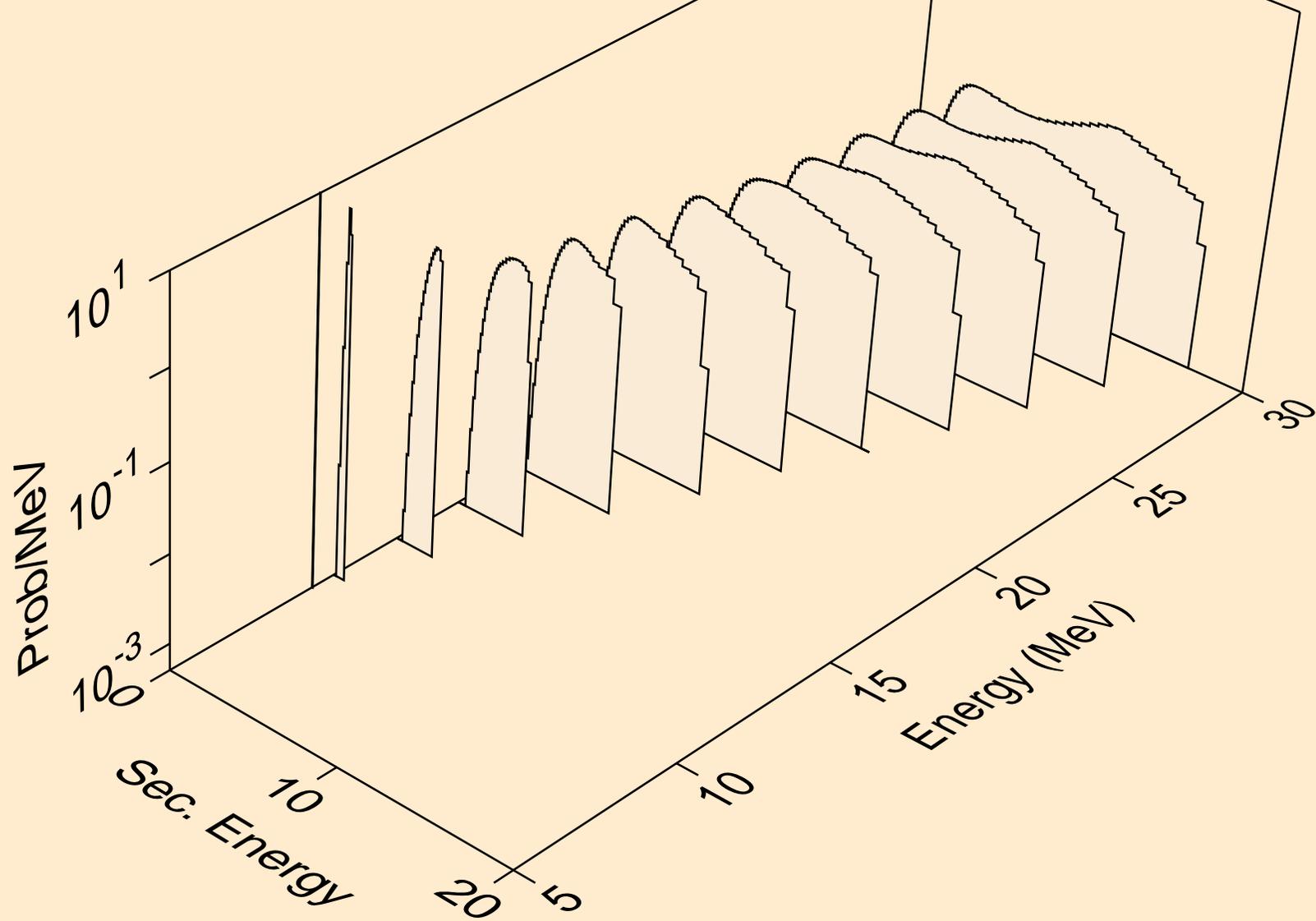
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
neutrons from (a,npa)



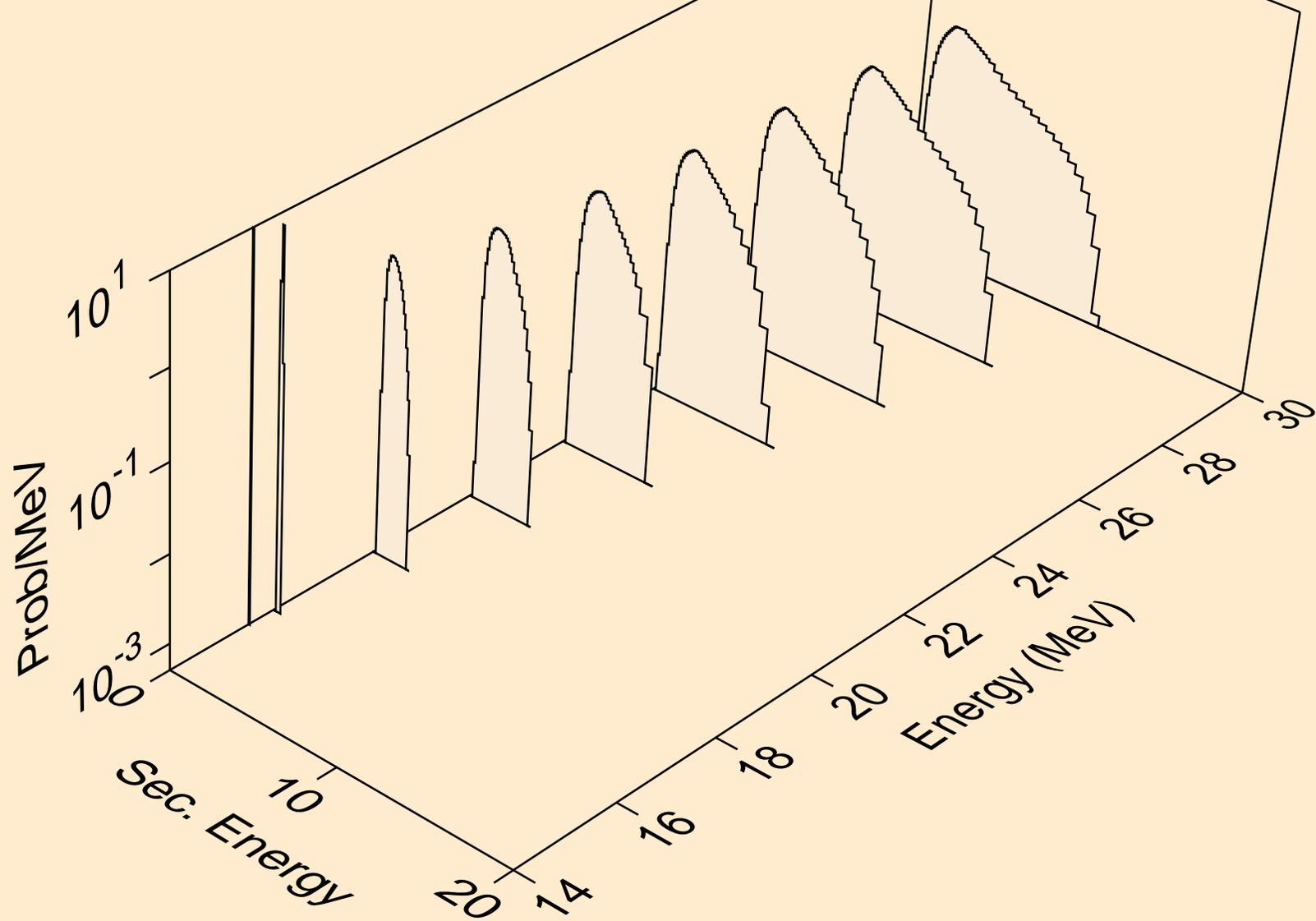
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,x)



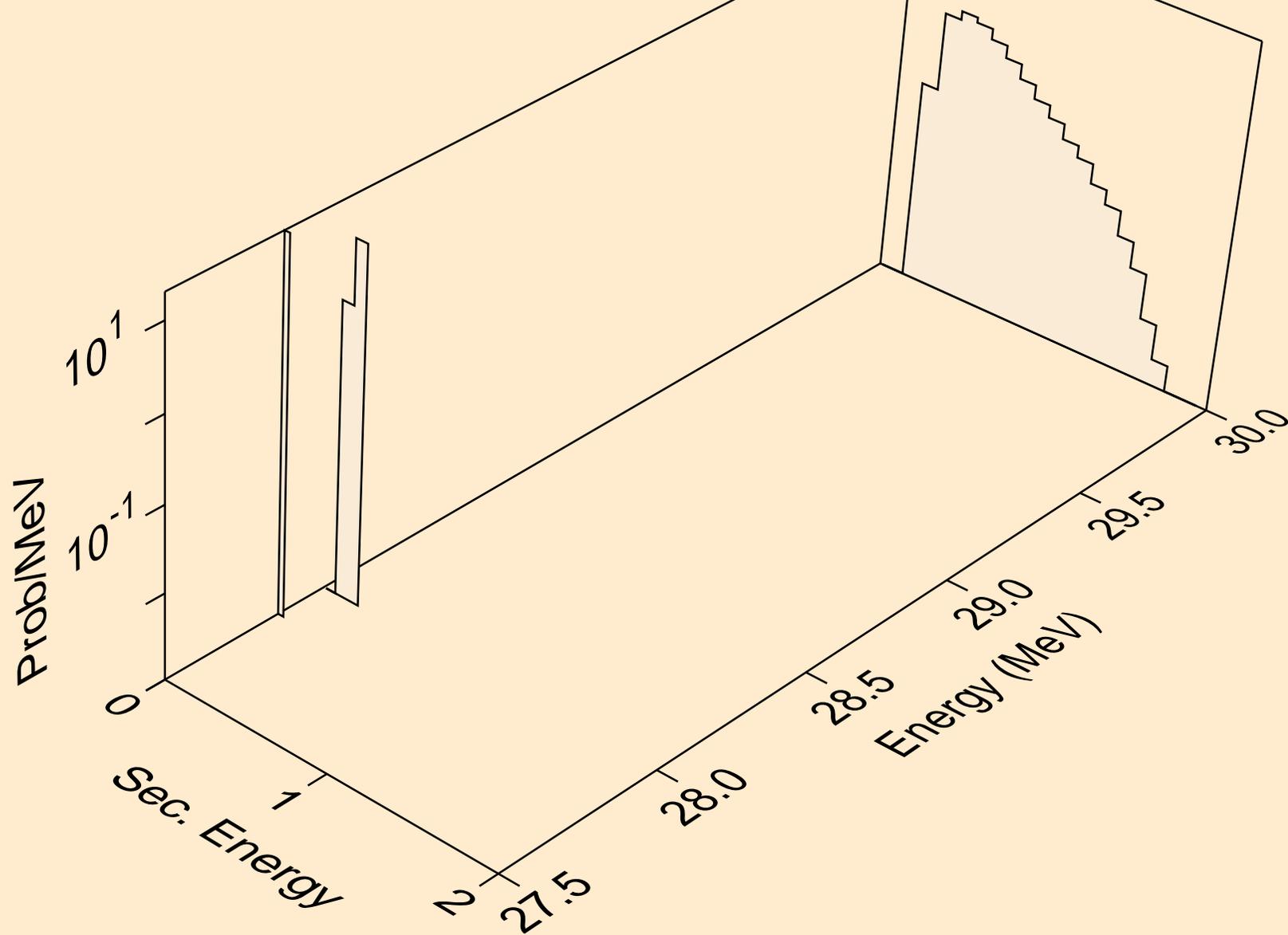
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n\*)p



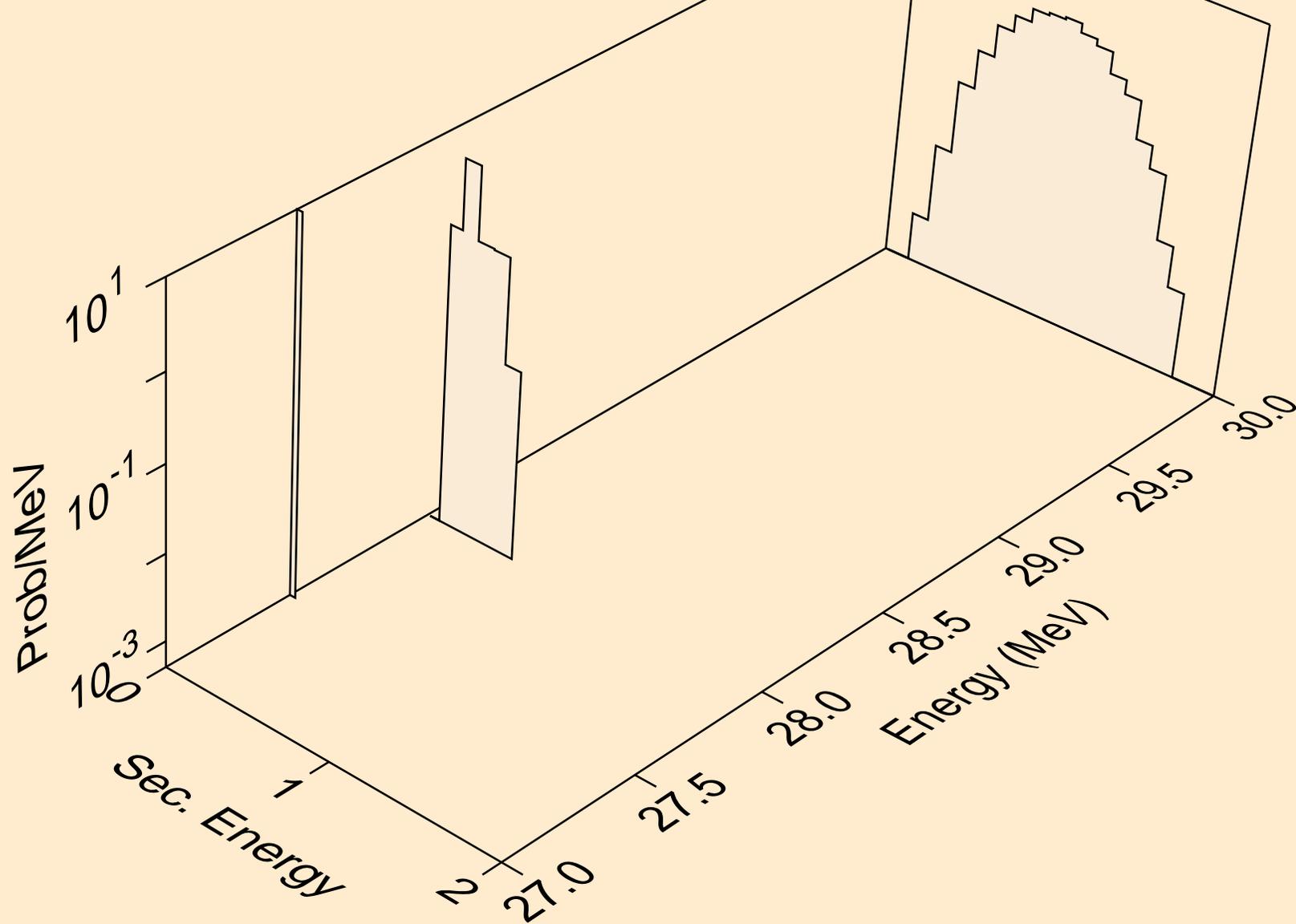
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2np)



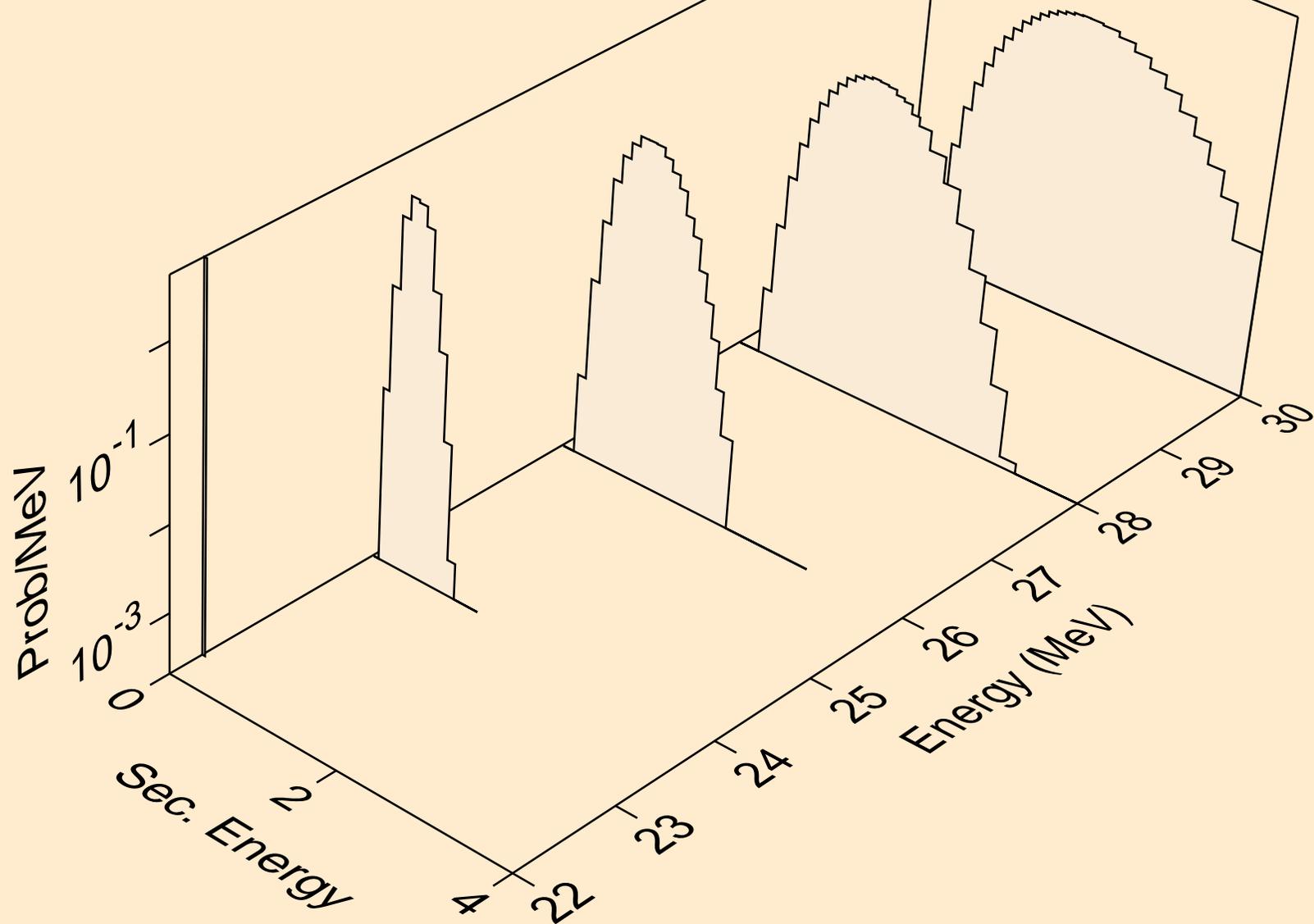
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,3np)



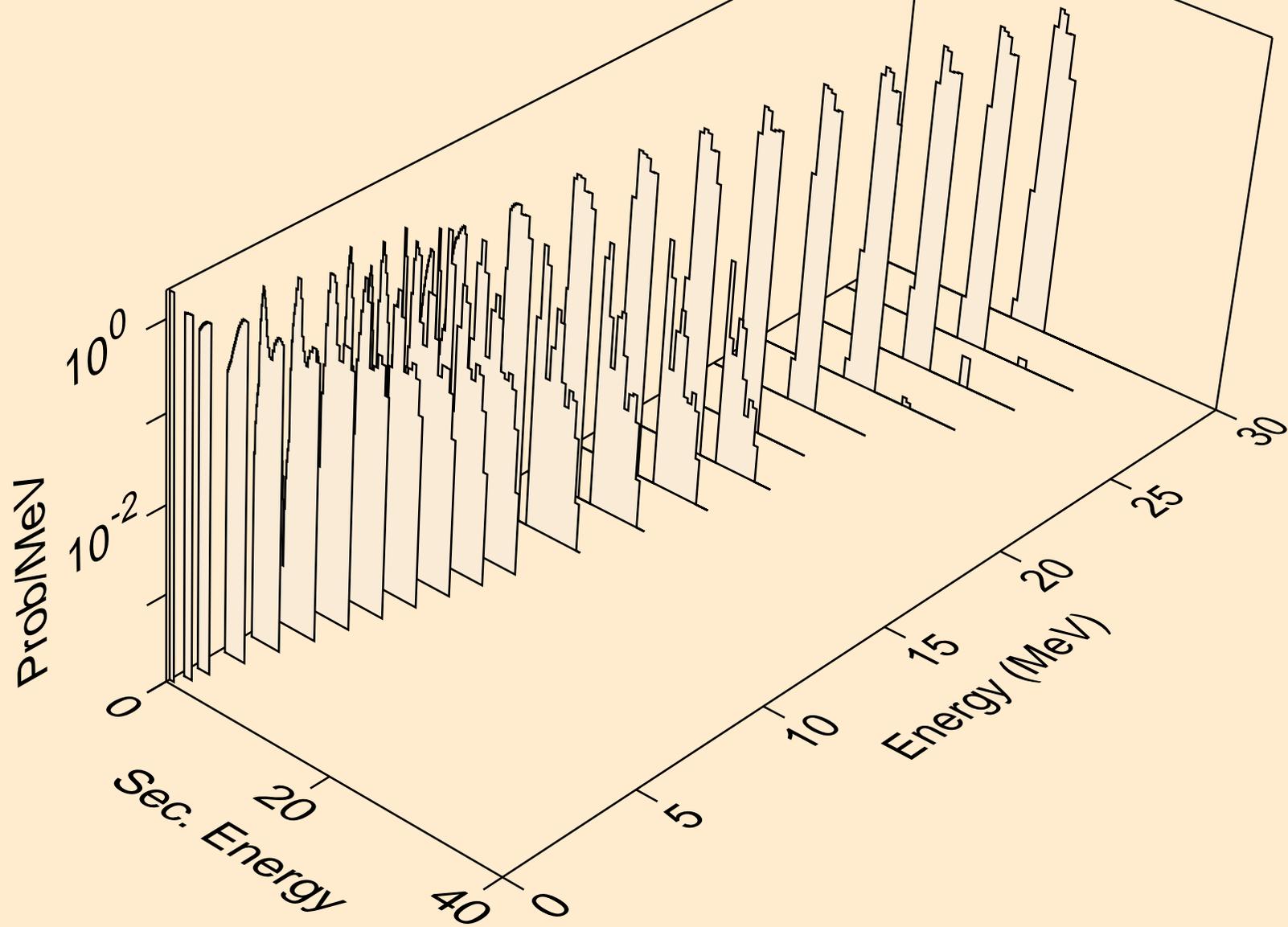
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,n2p)



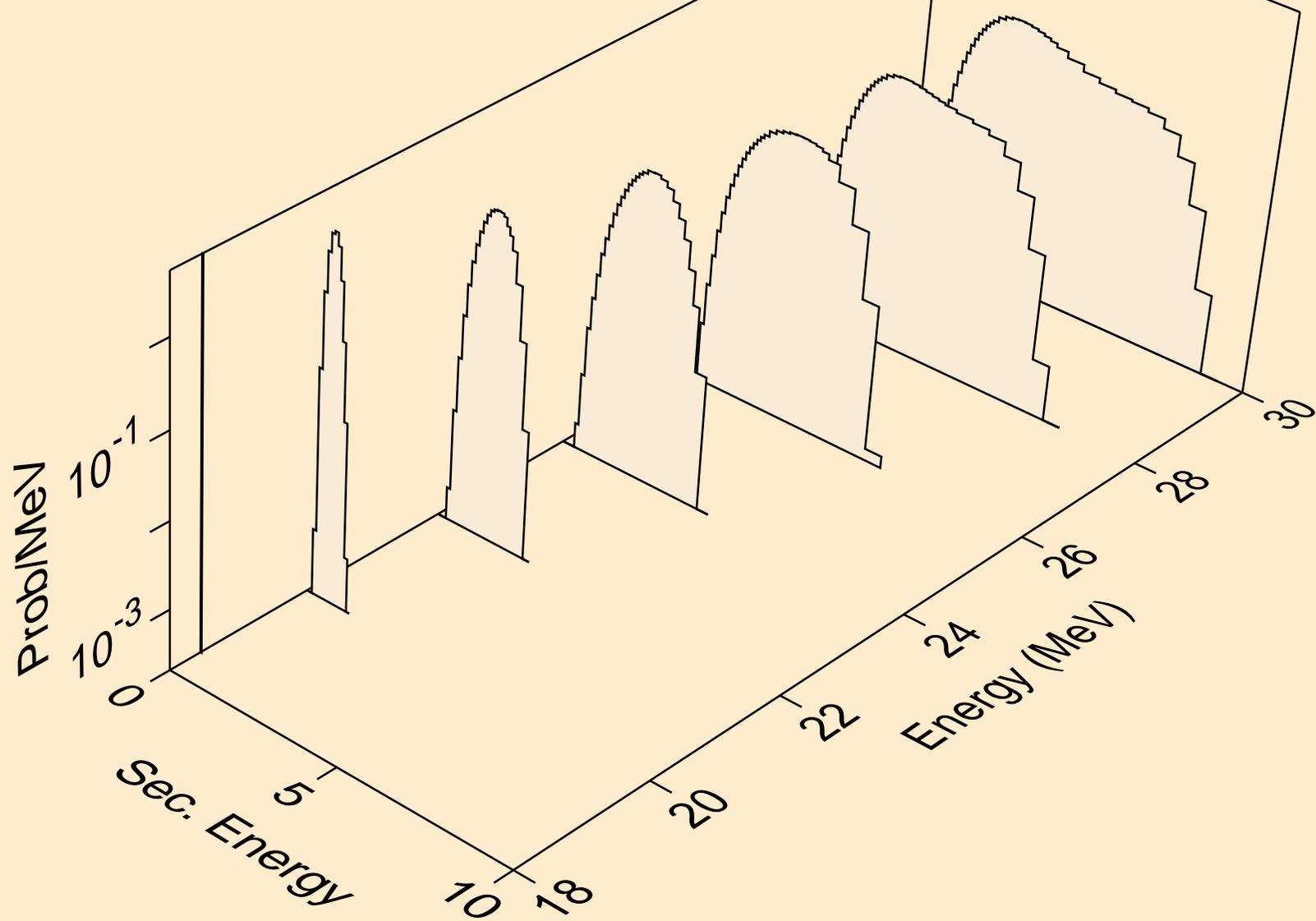
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,npa)



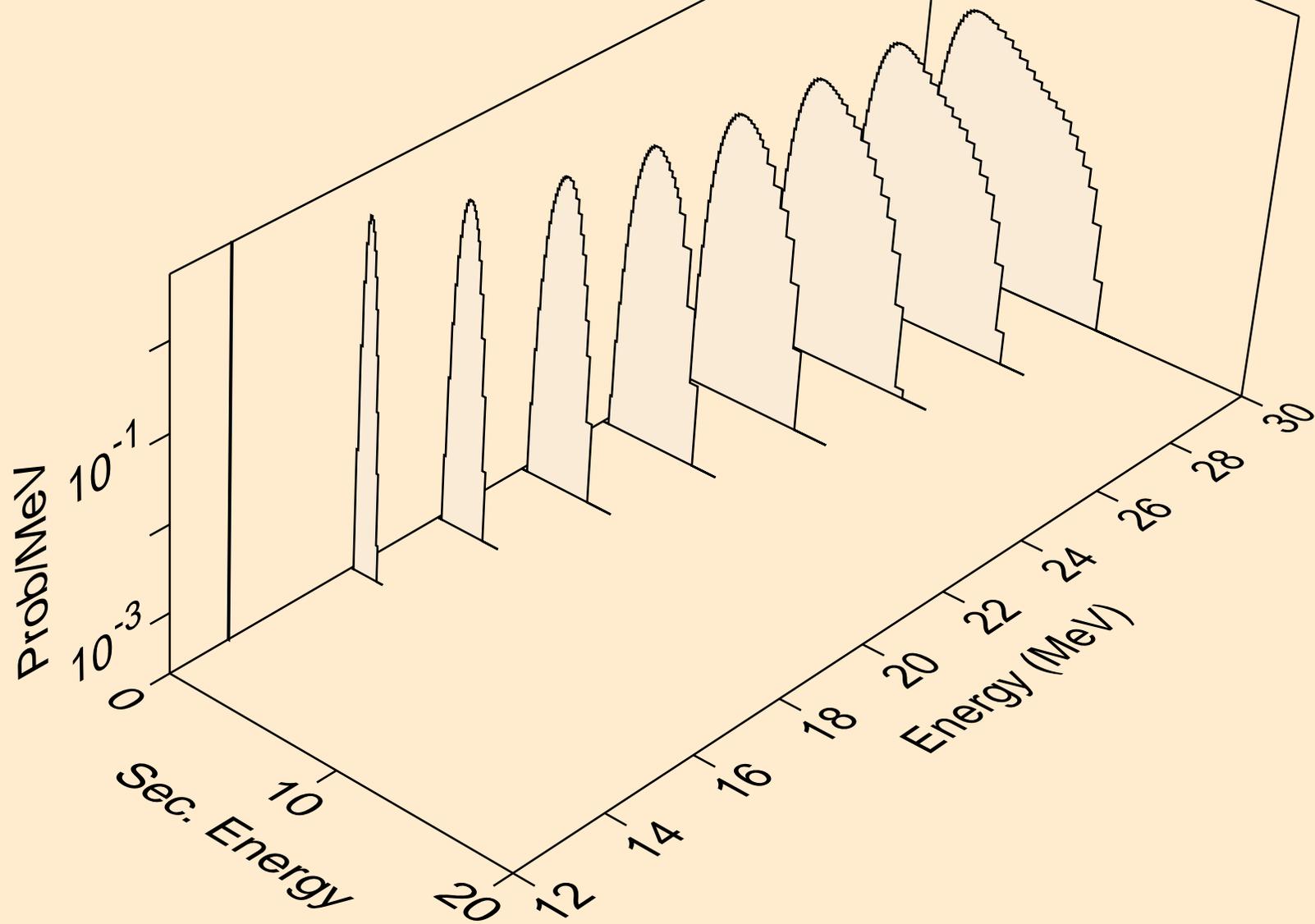
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,p)



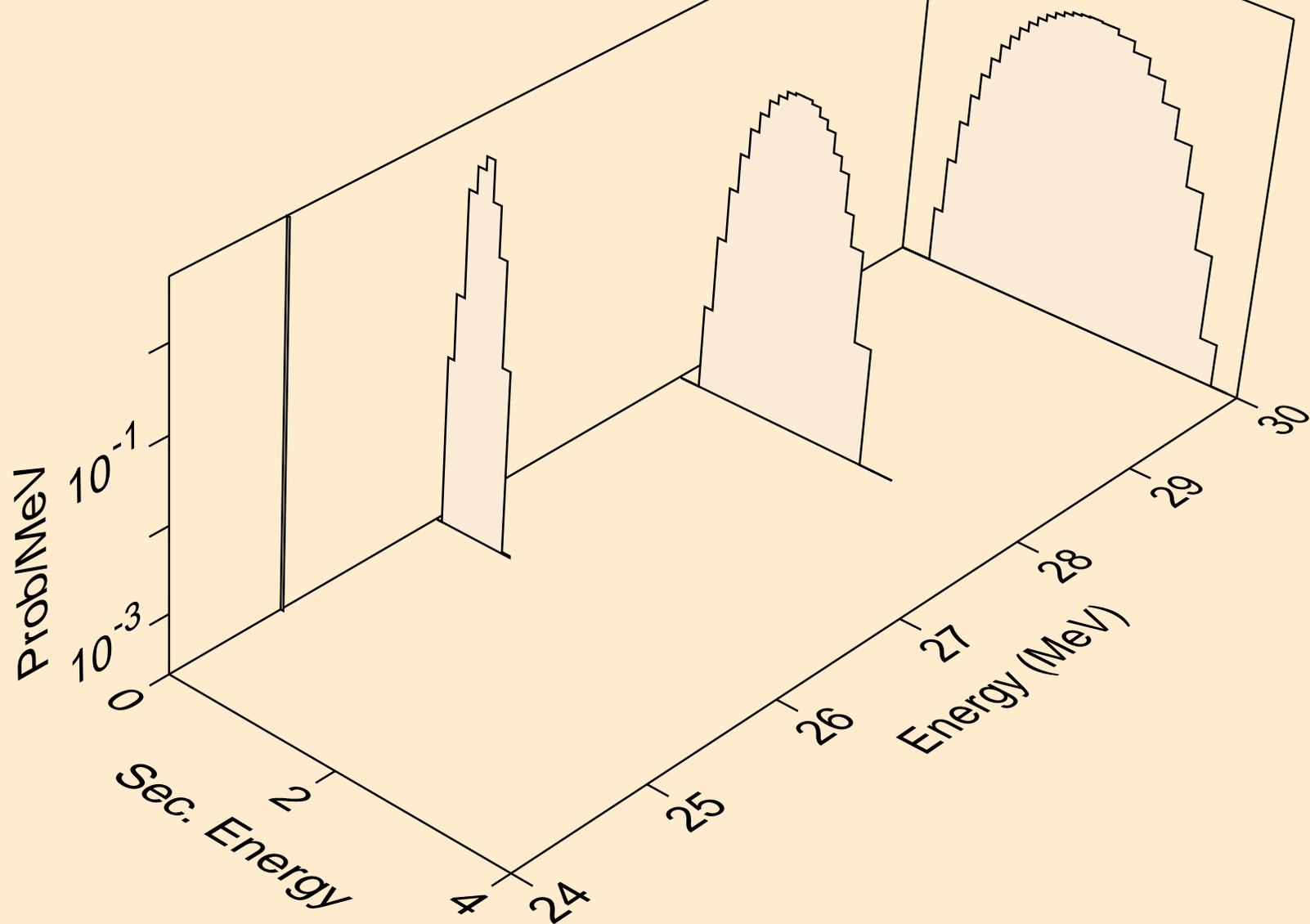
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,2p)



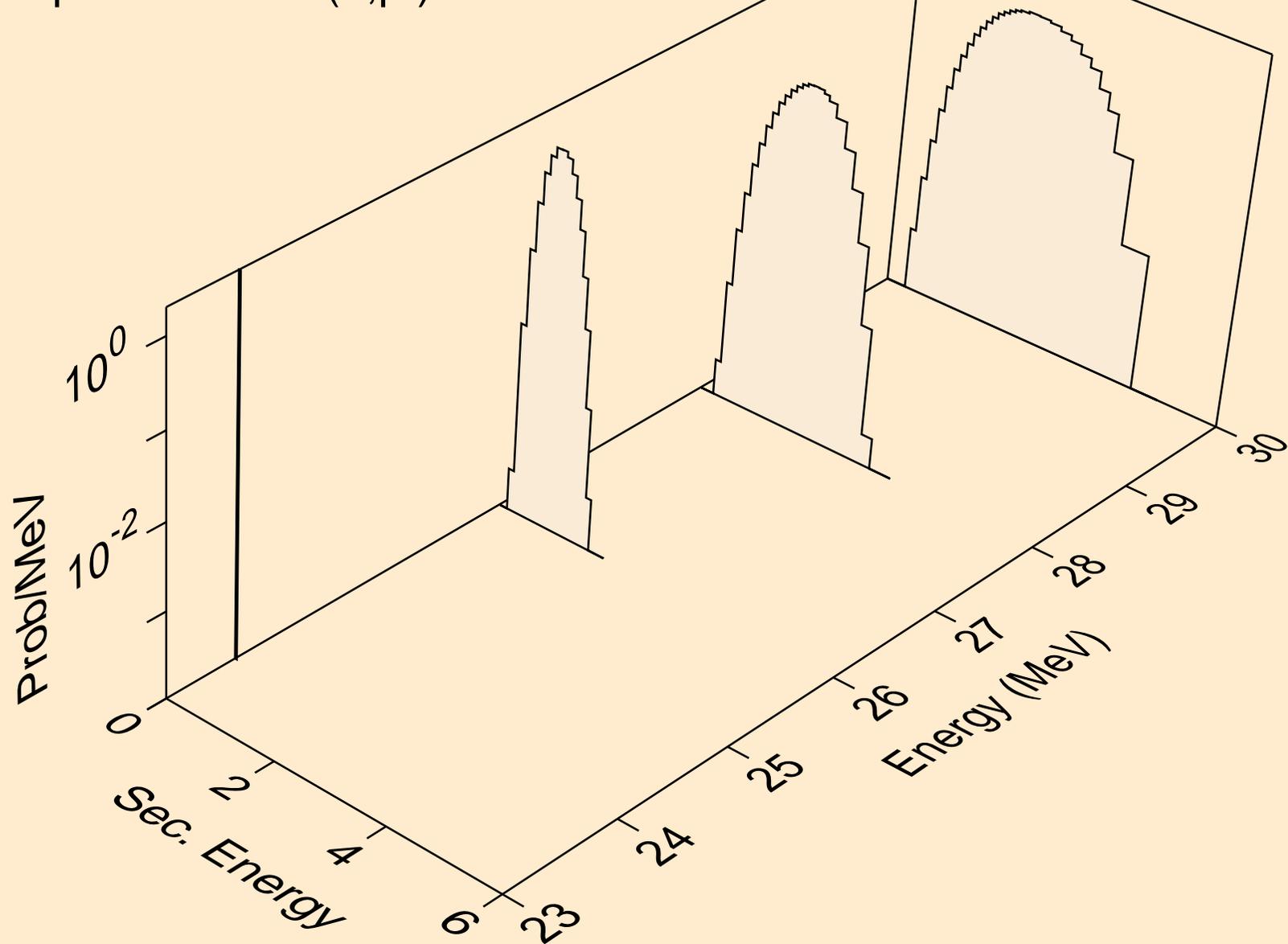
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pa)



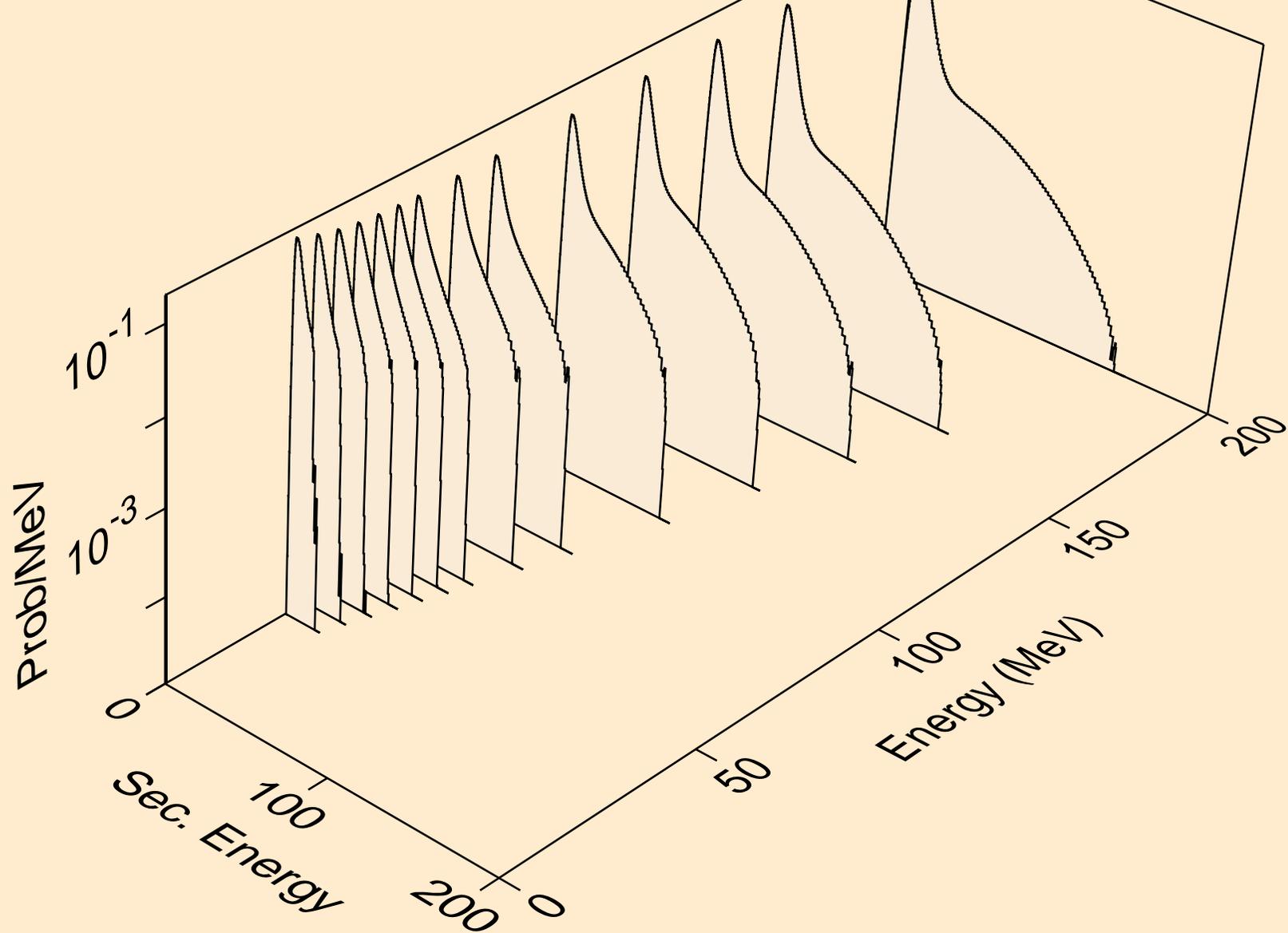
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pd)



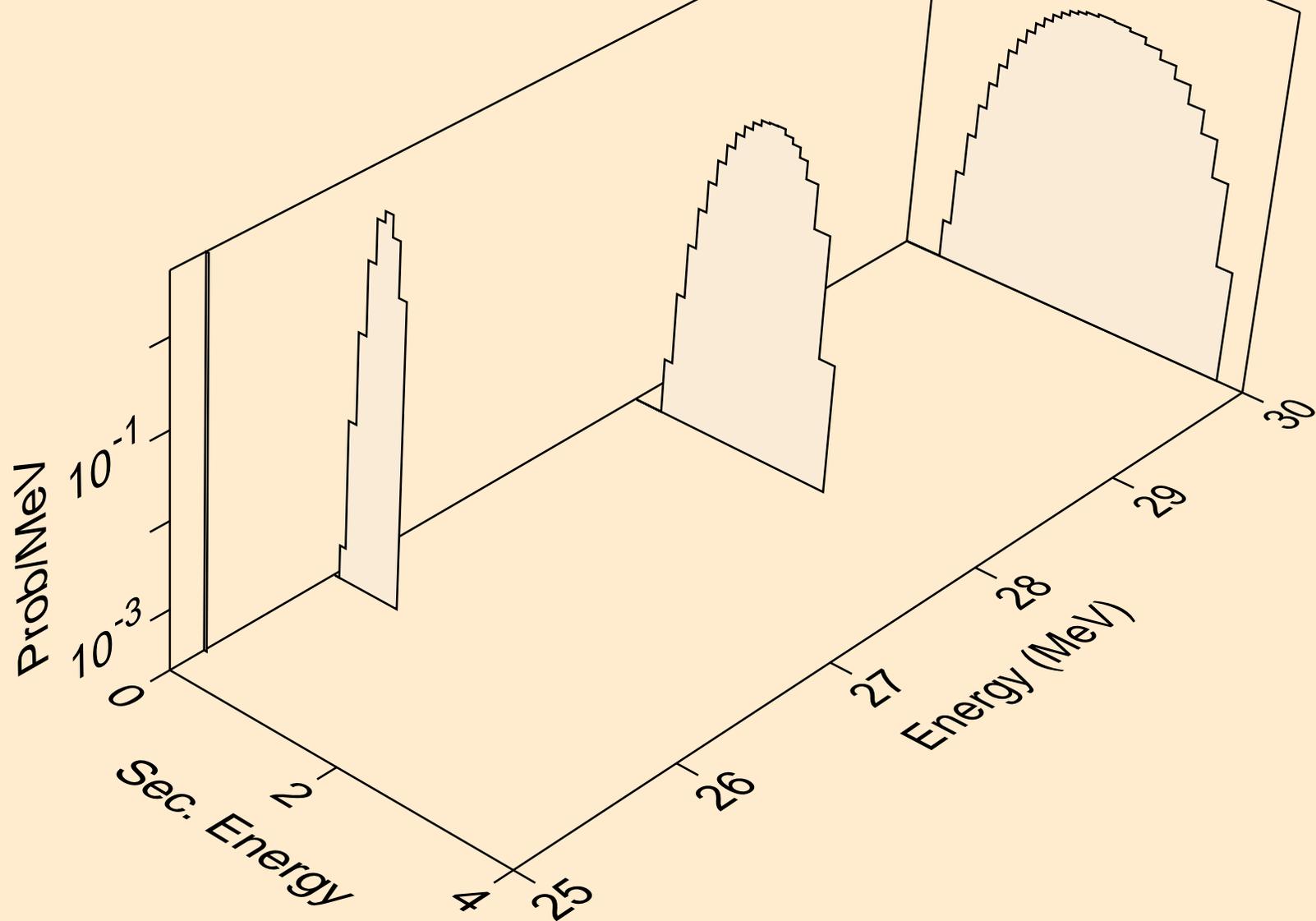
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
protons from (a,pt)



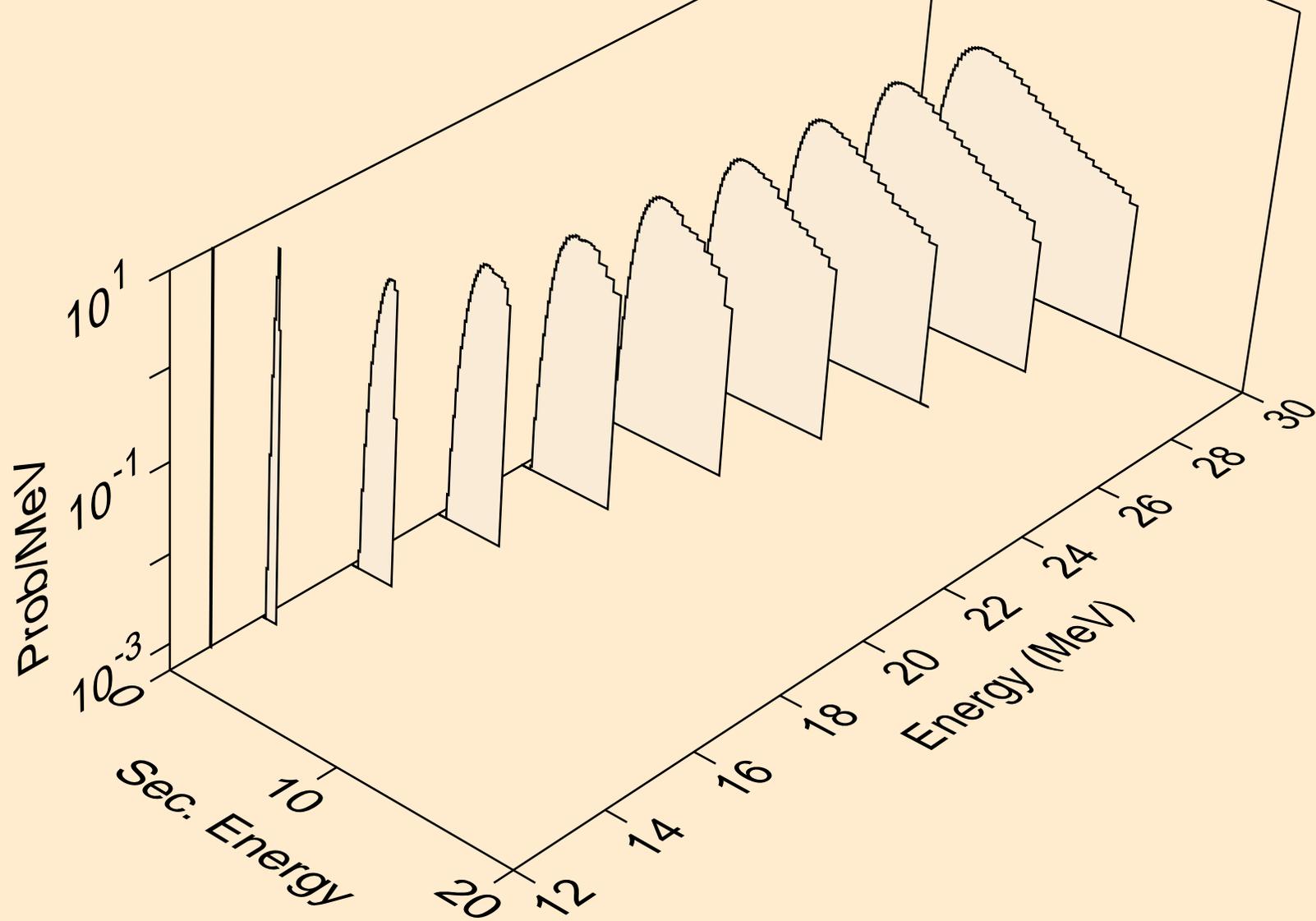
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,x)



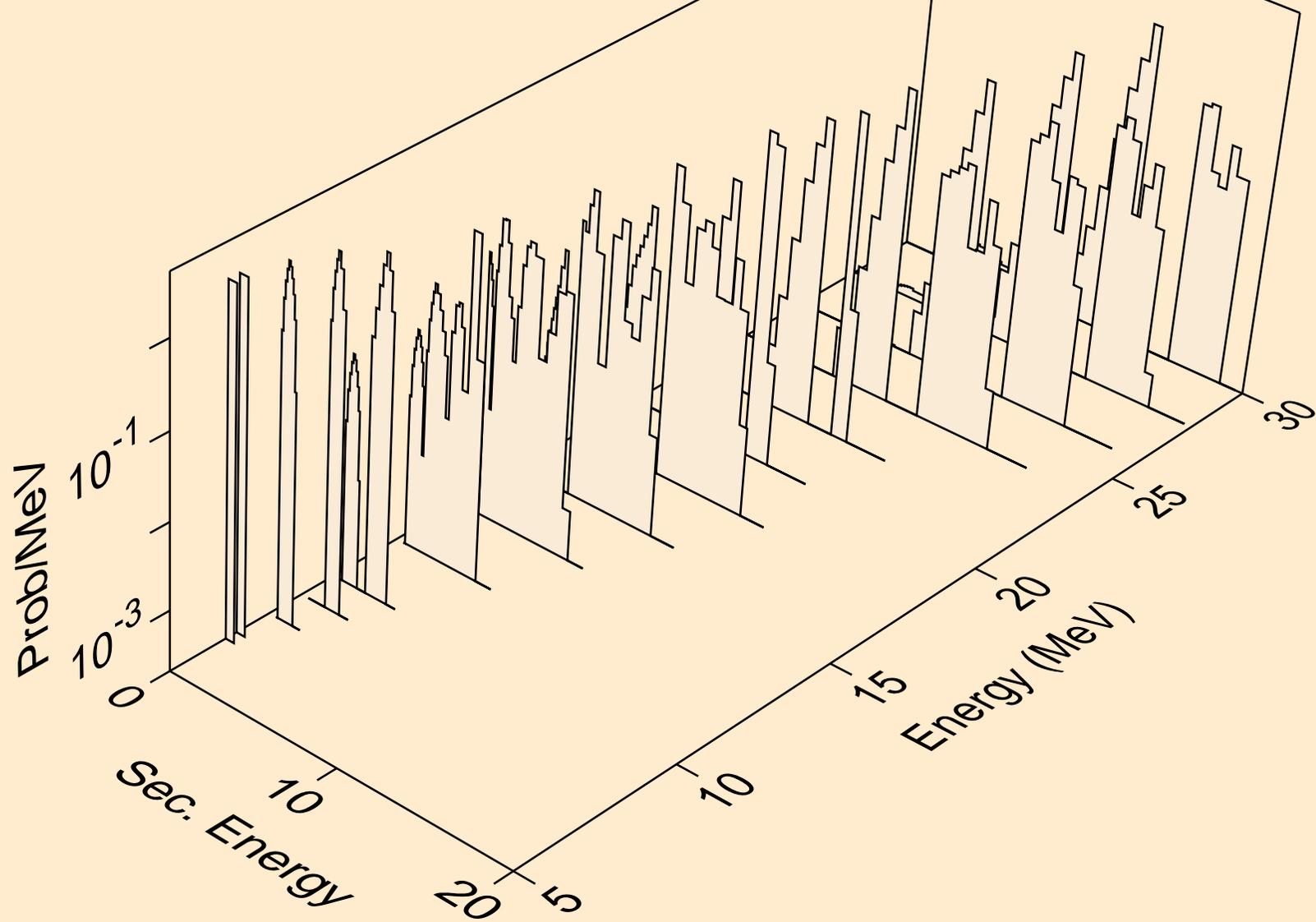
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,2nd)



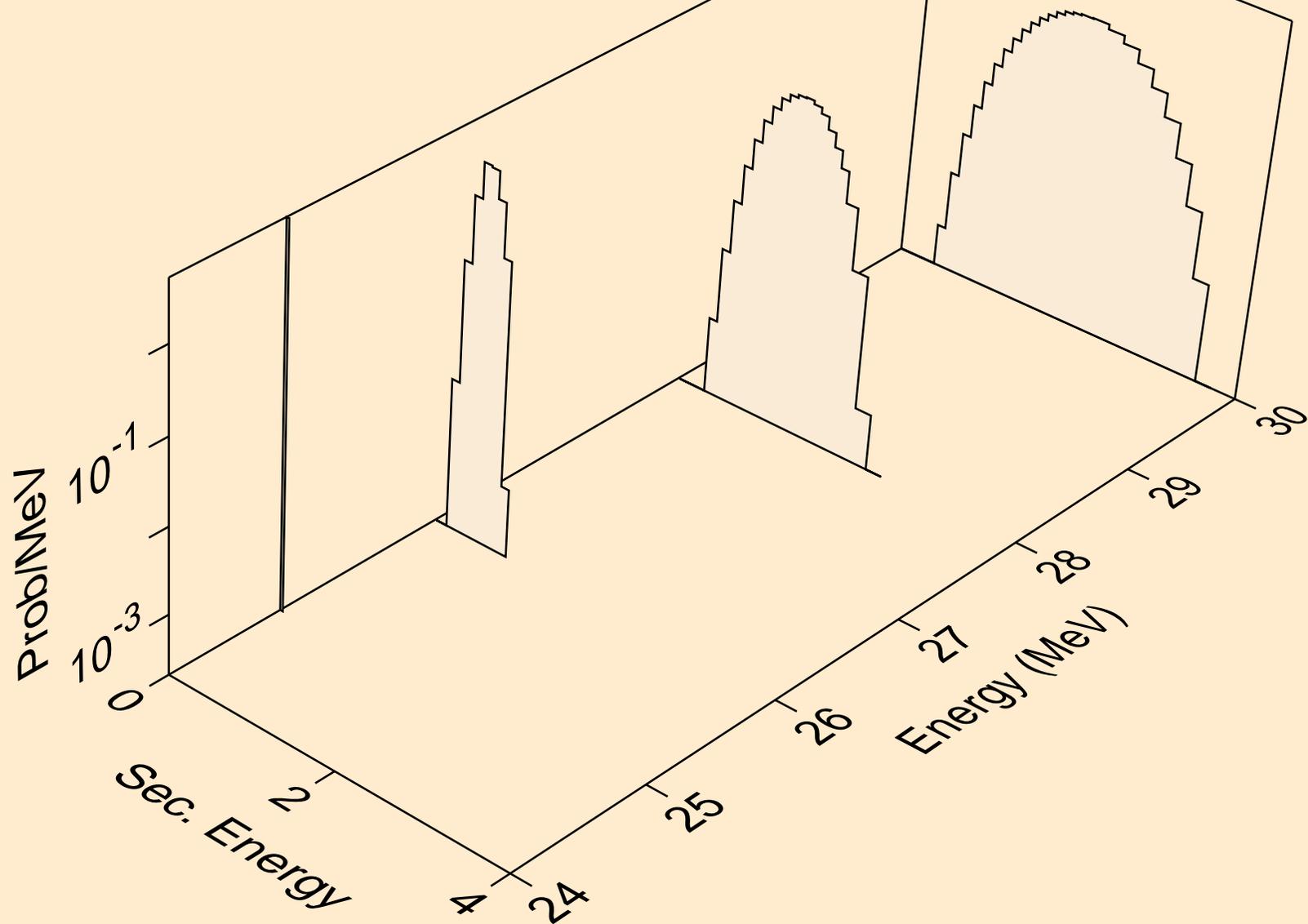
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,n\*)d



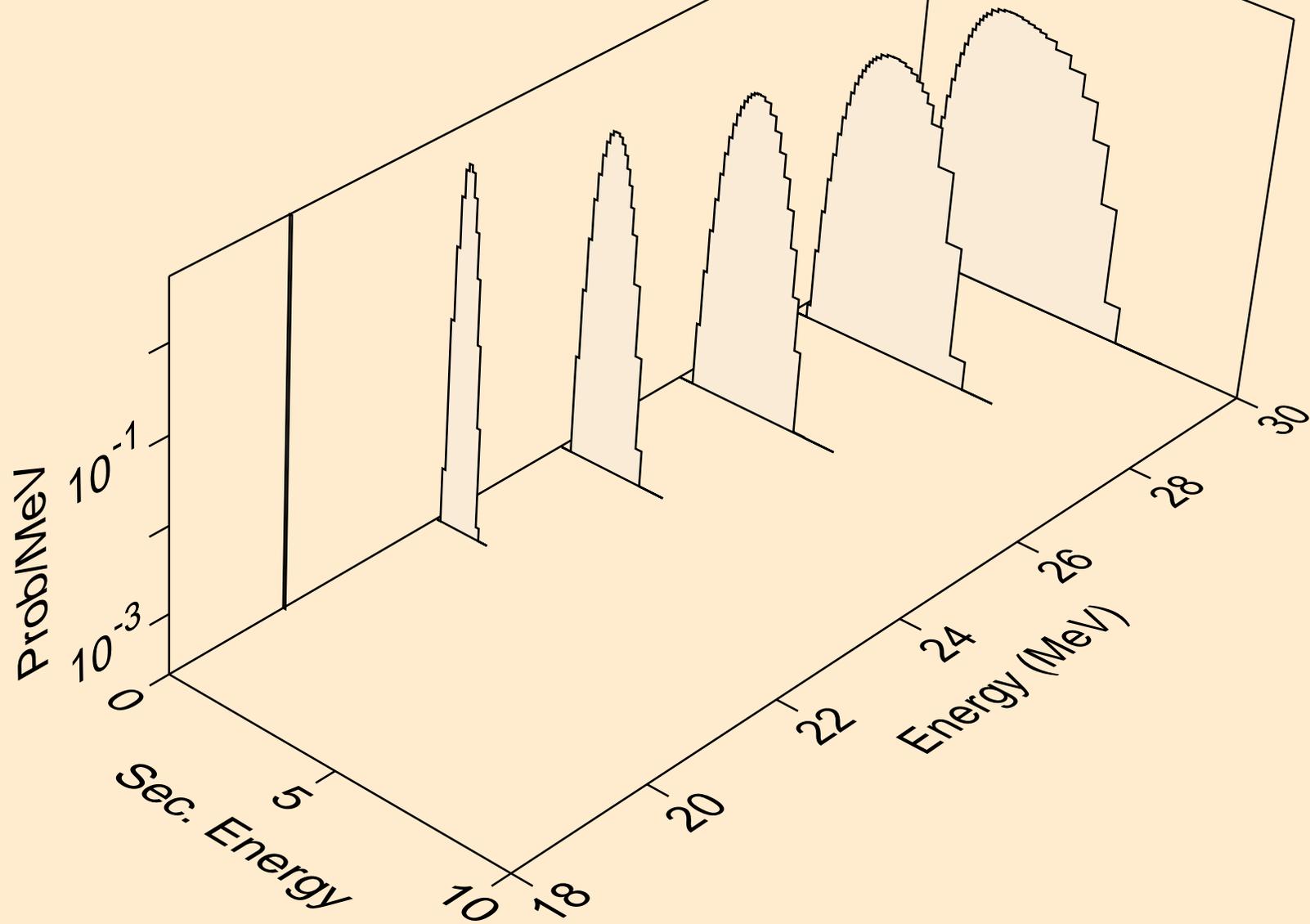
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,d)



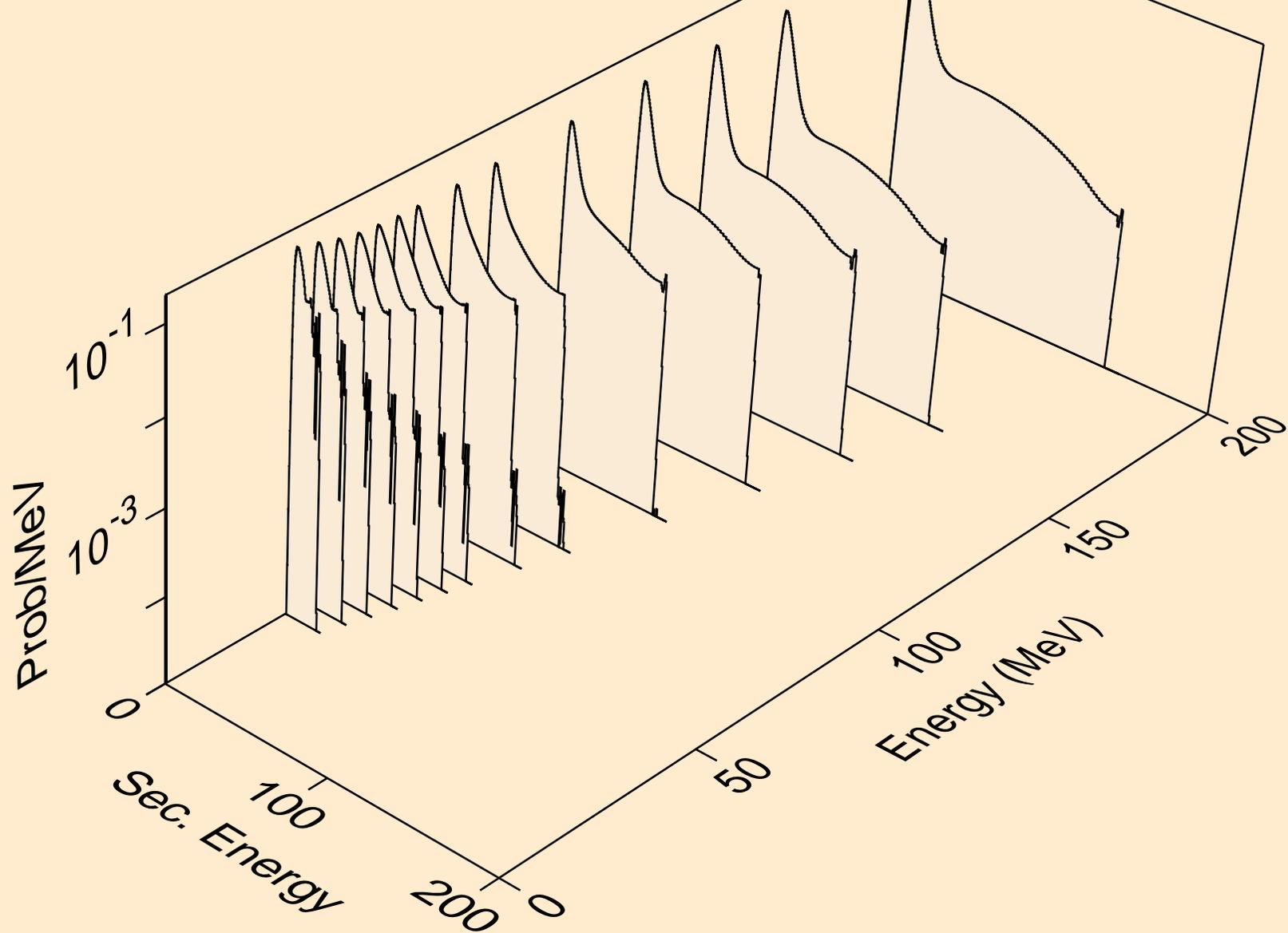
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,pd)



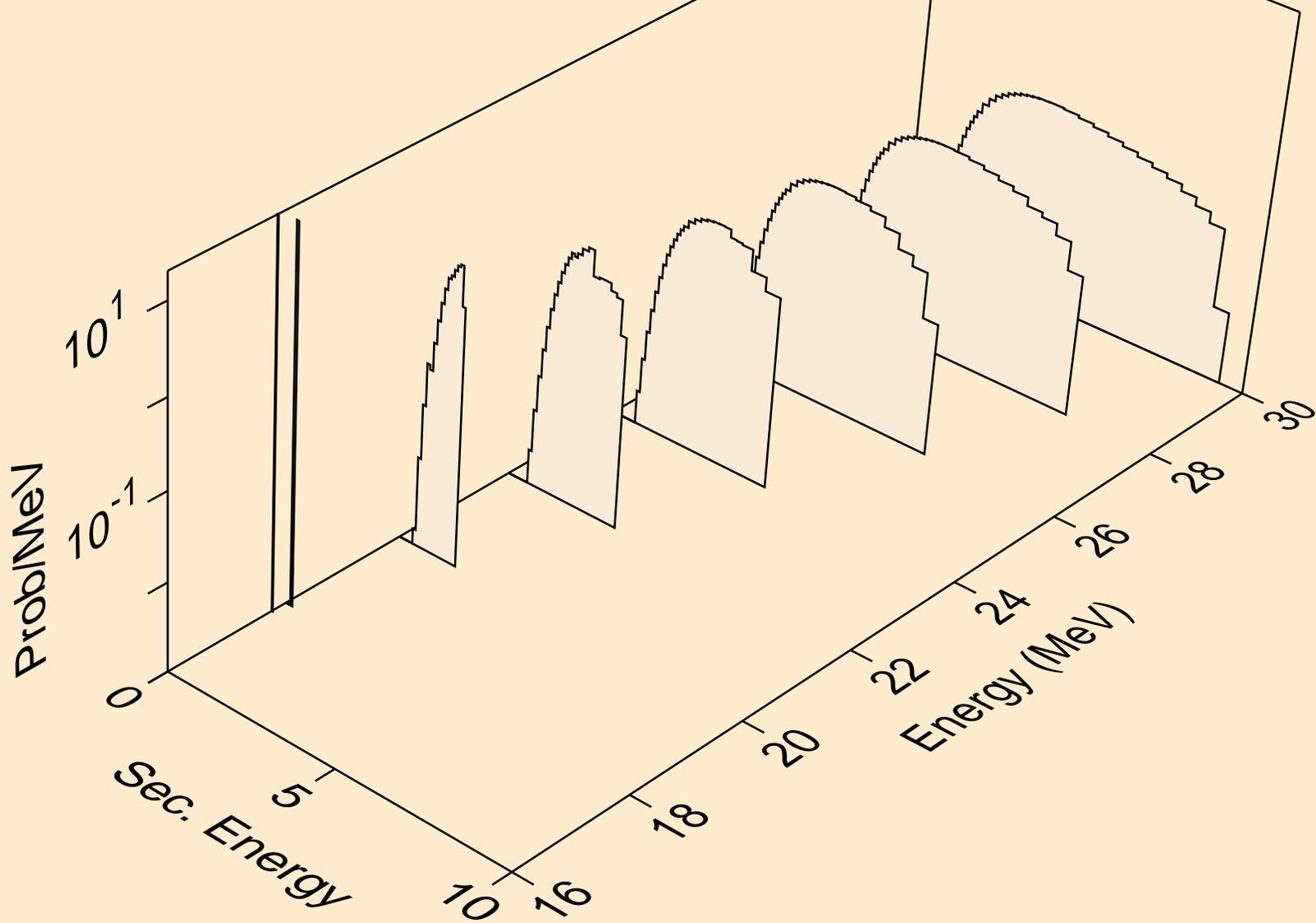
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
deuterons from (a,da)



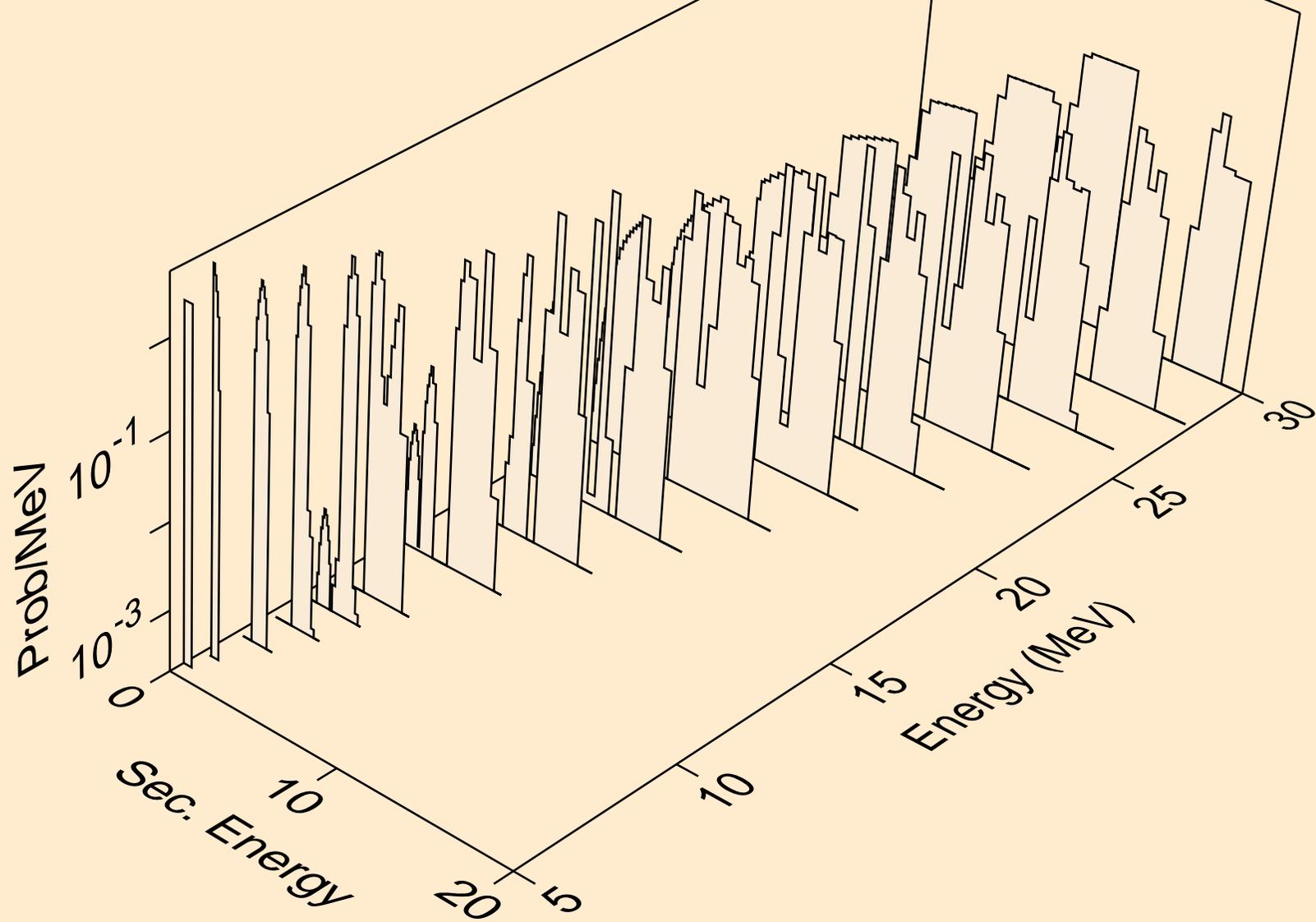
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,x)



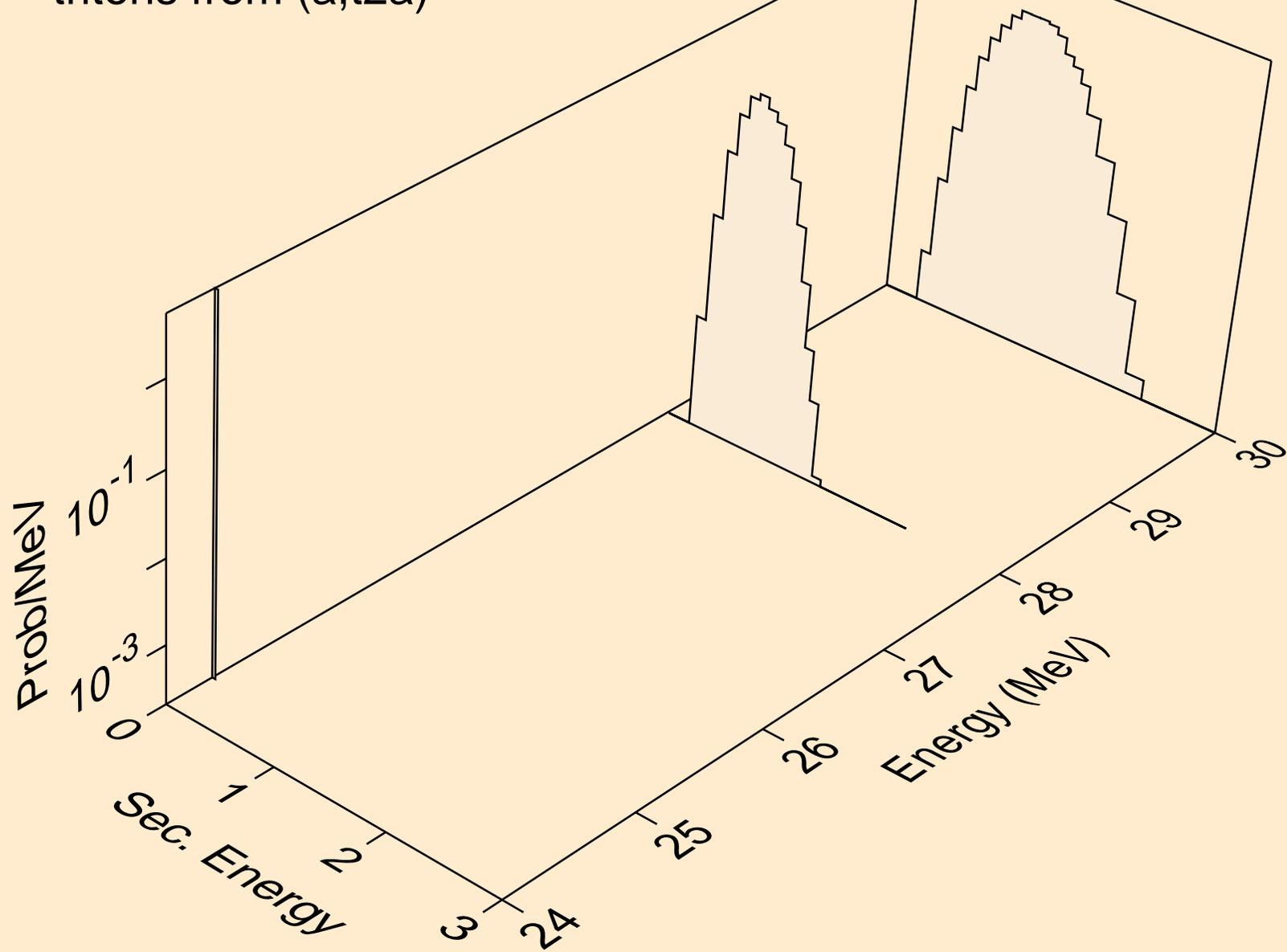
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,n\*)t



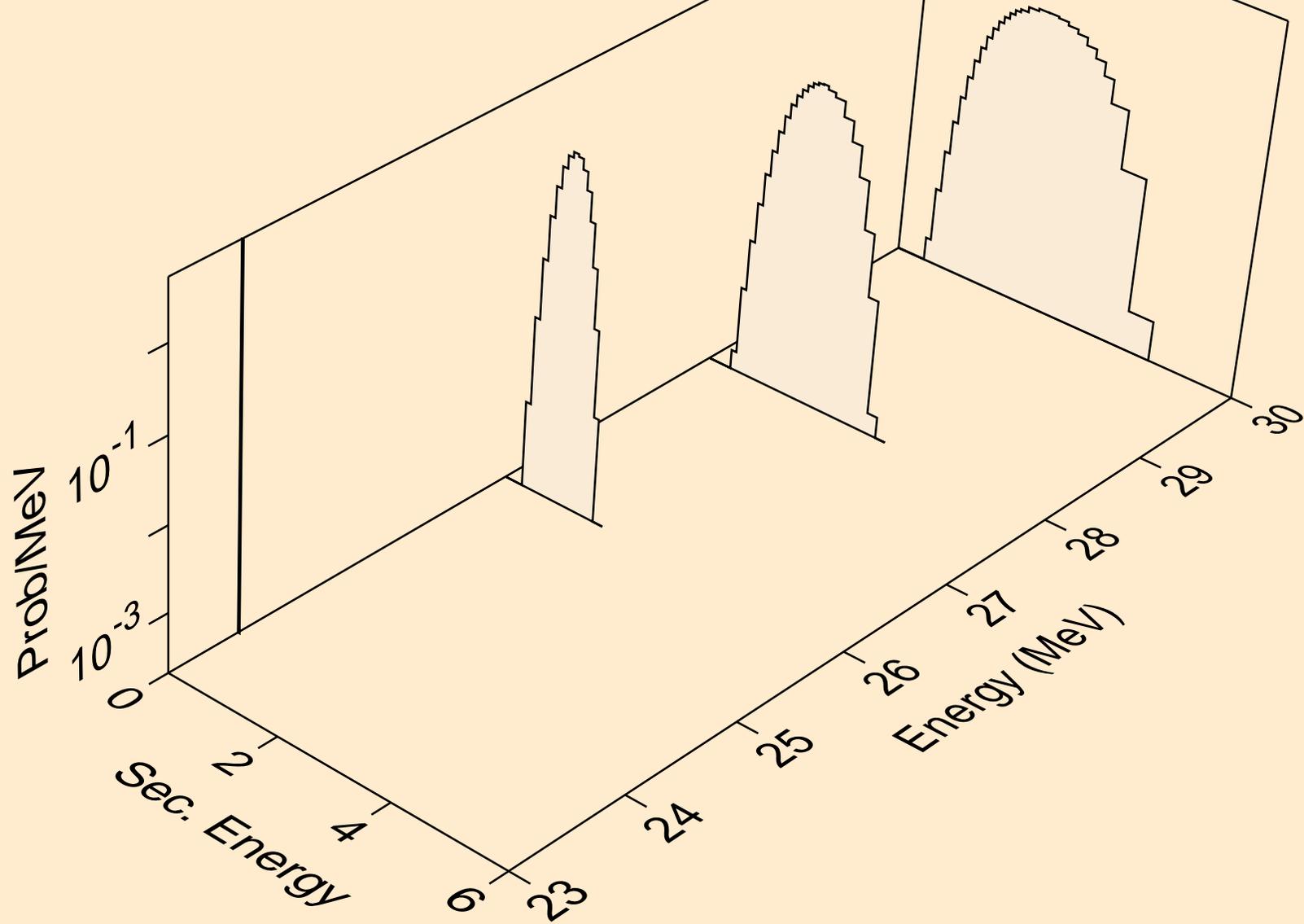
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t)



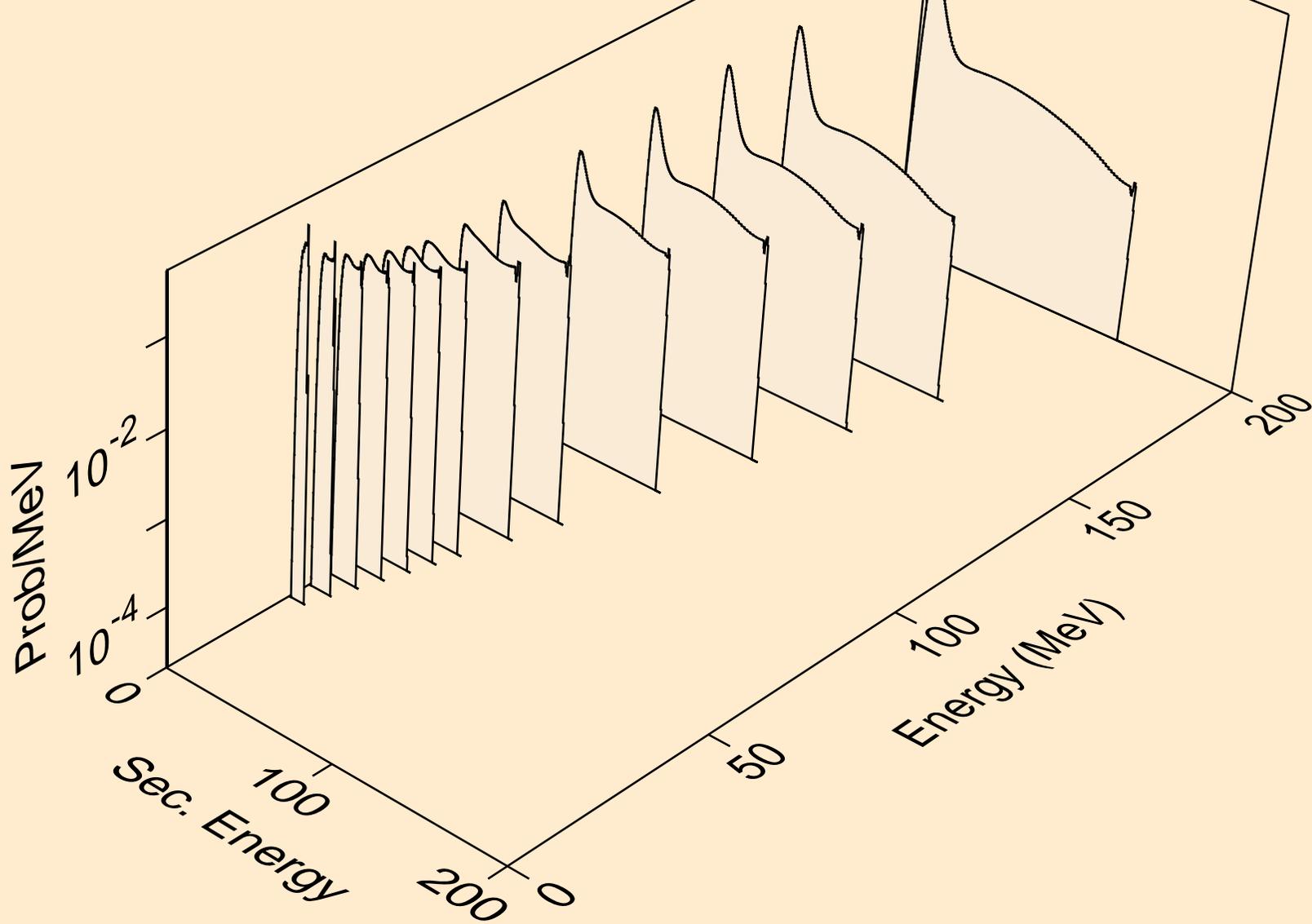
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,t2a)



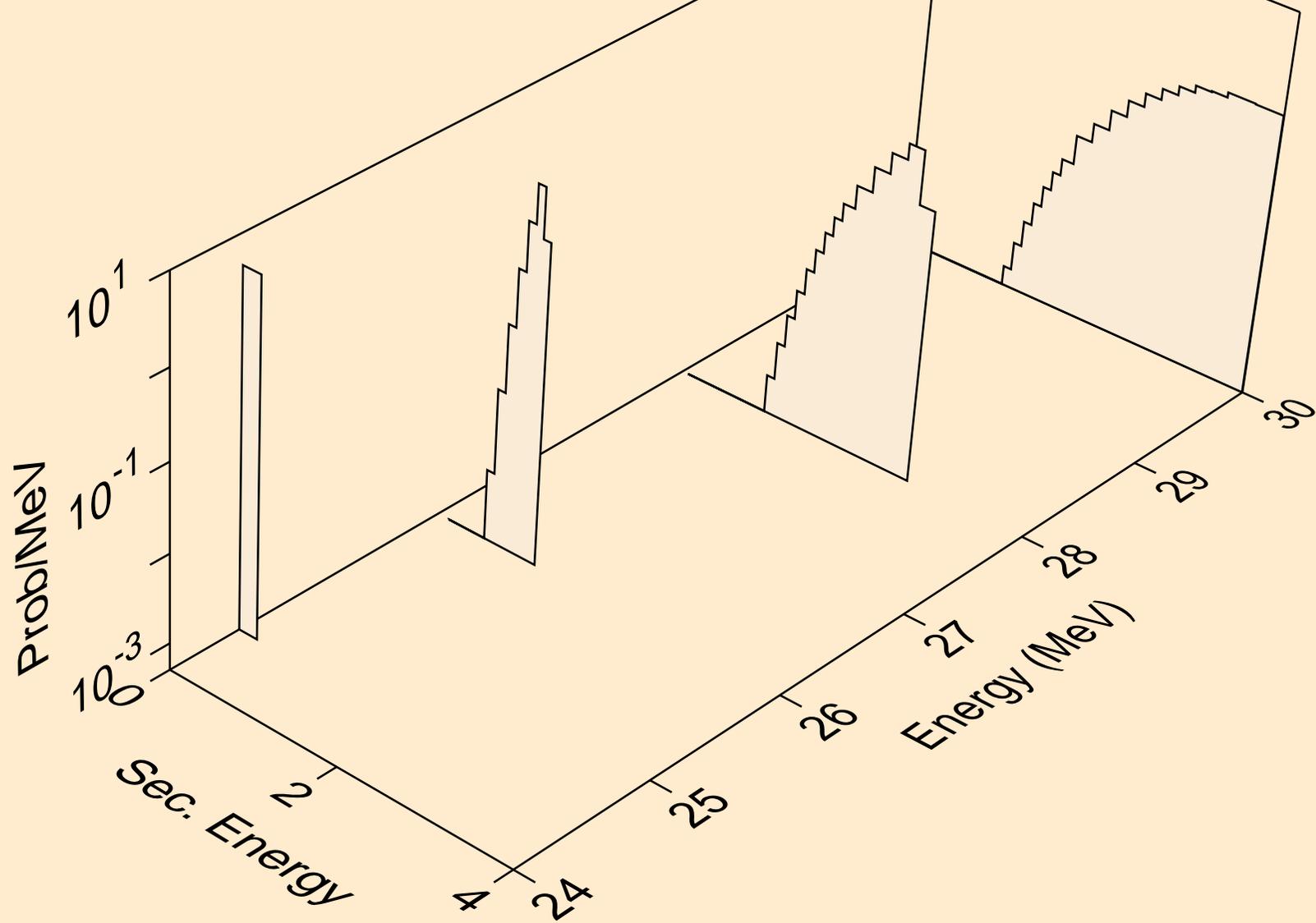
F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
tritons from (a,pt)



F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,x)



F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,n\*)he3



F021 ALPHA ACER TENDL-2023 LIBRARY; T=0.K  
he3s from (a,he3)

