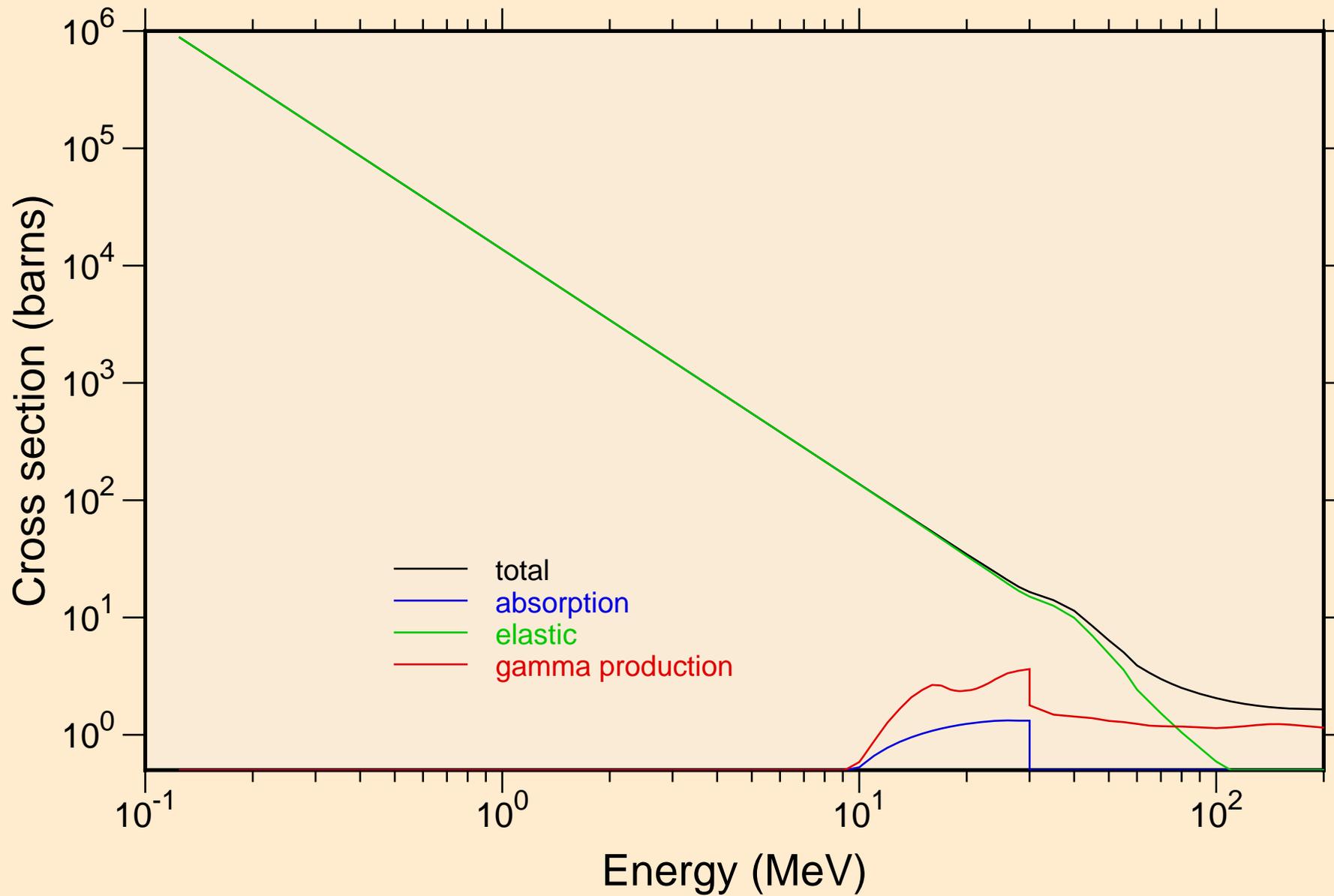
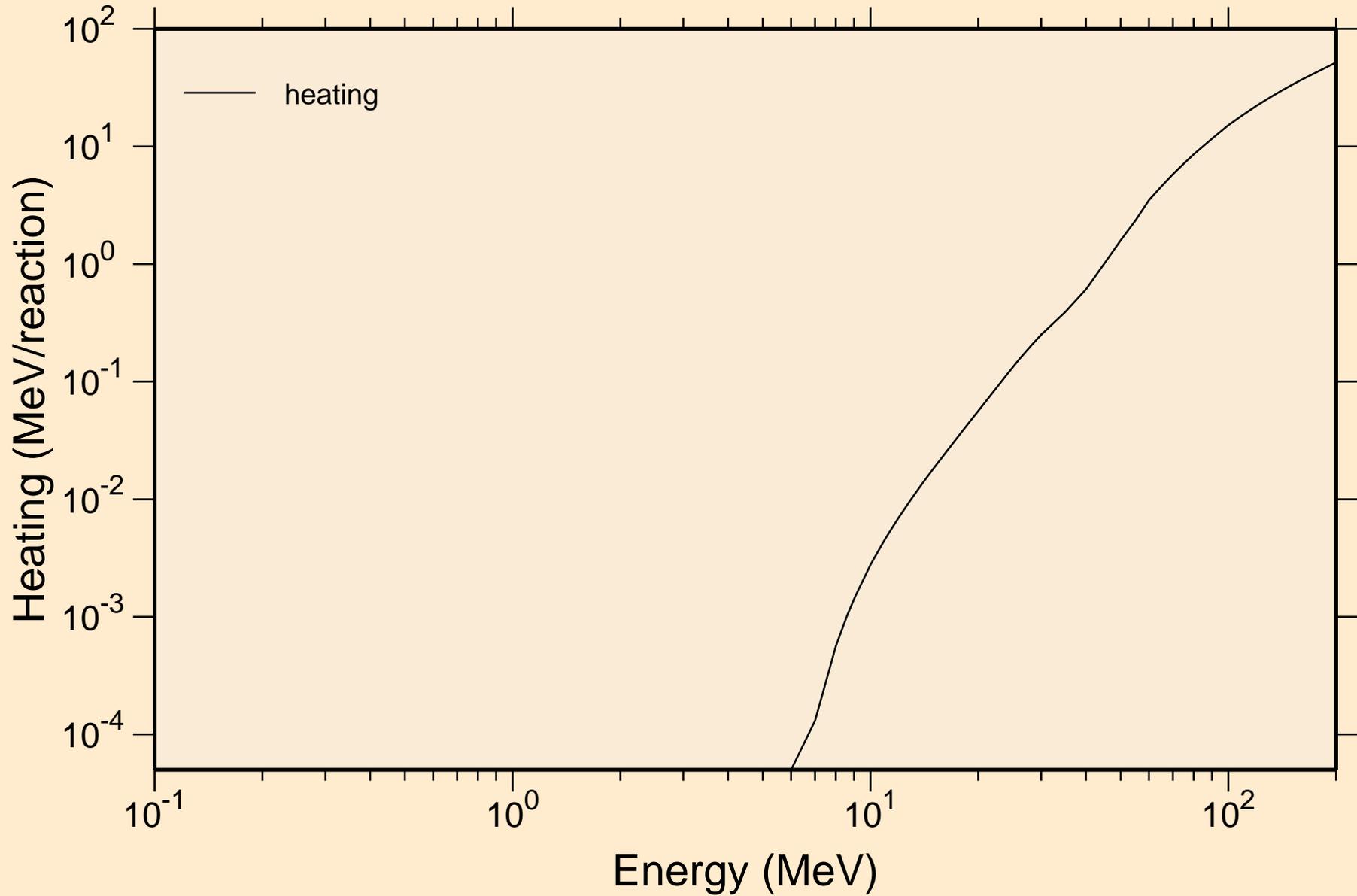


TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Principal cross sections



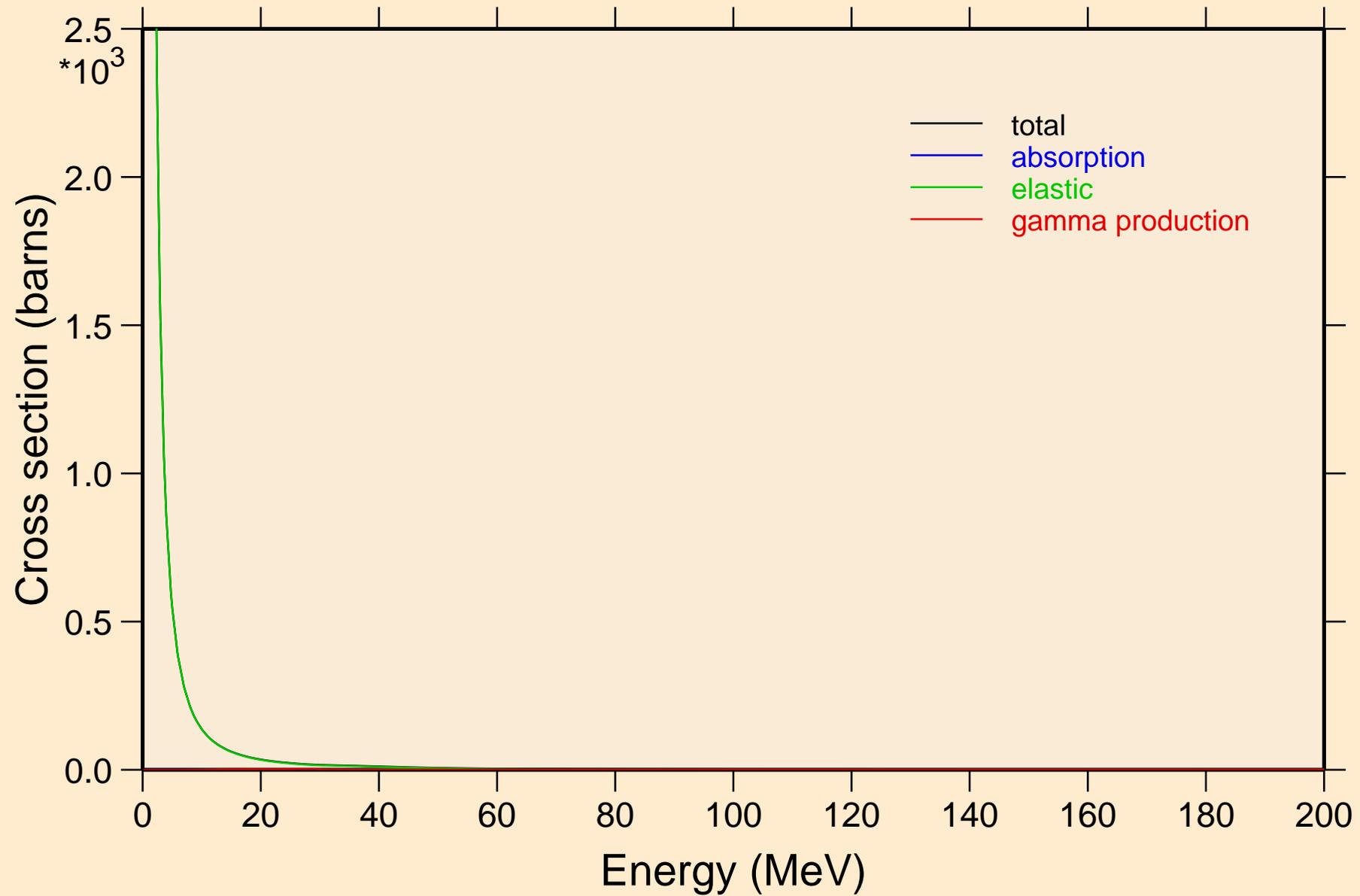
# TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Heating



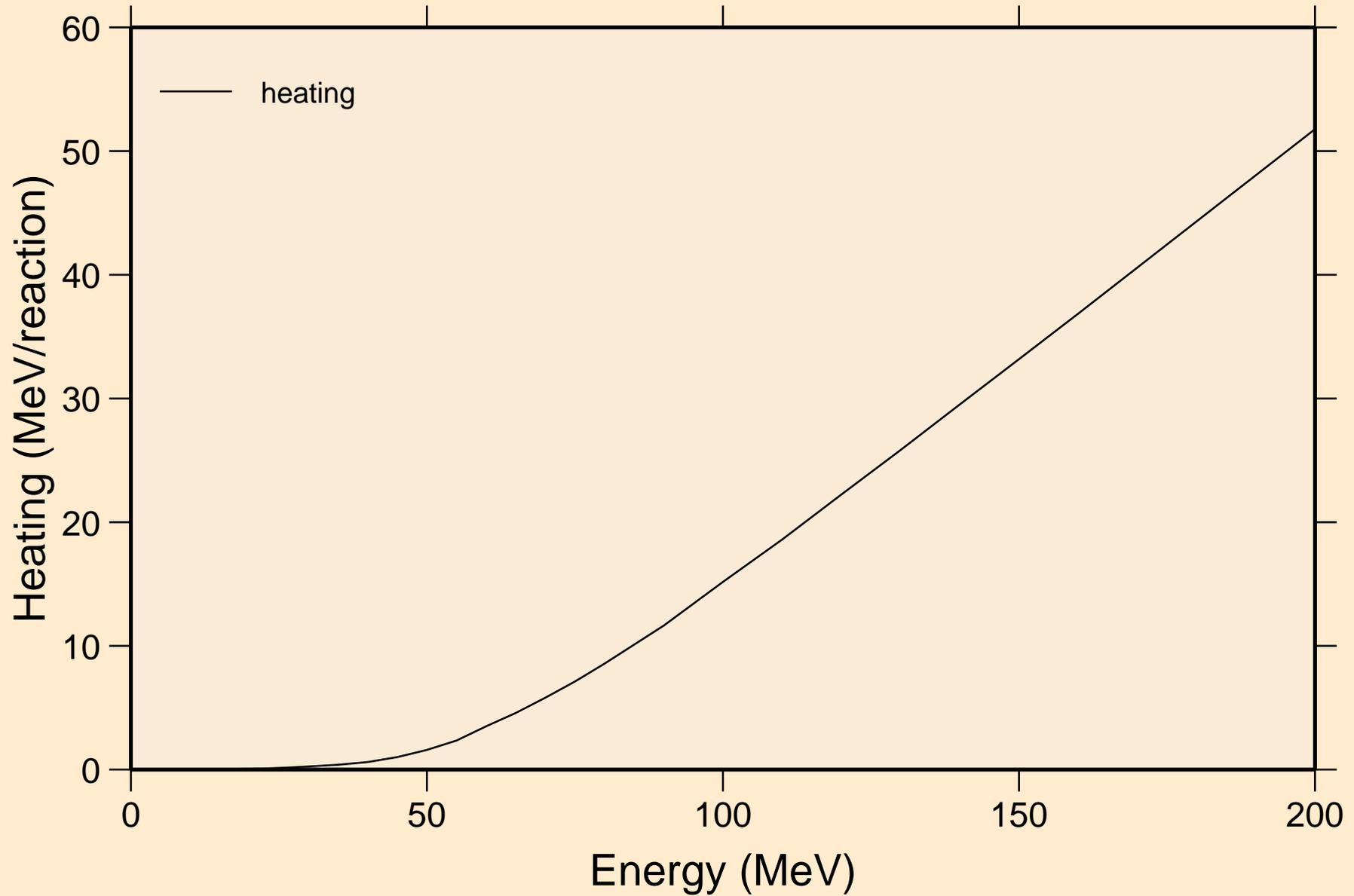
# TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

## Principal cross sections

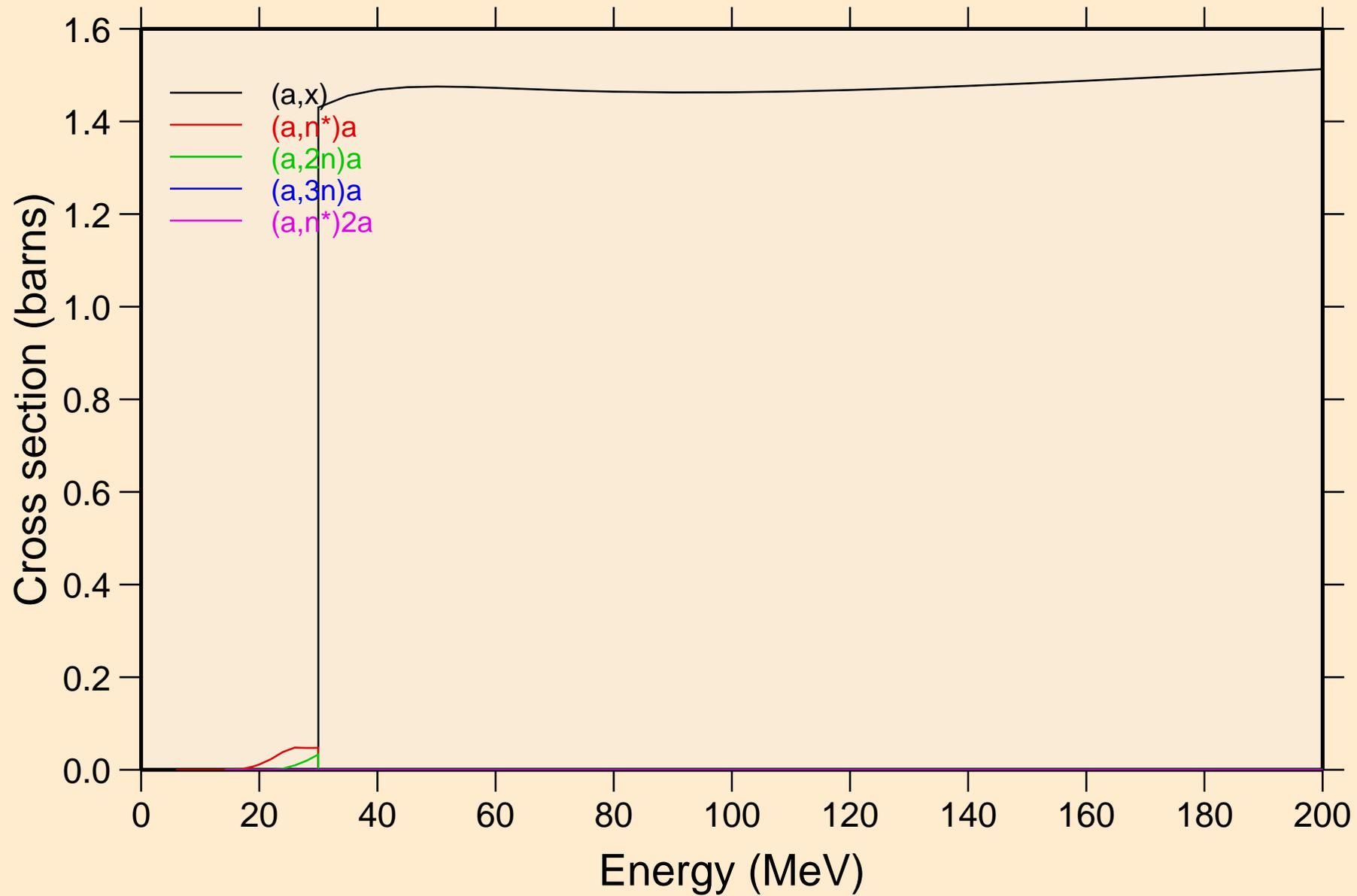


TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

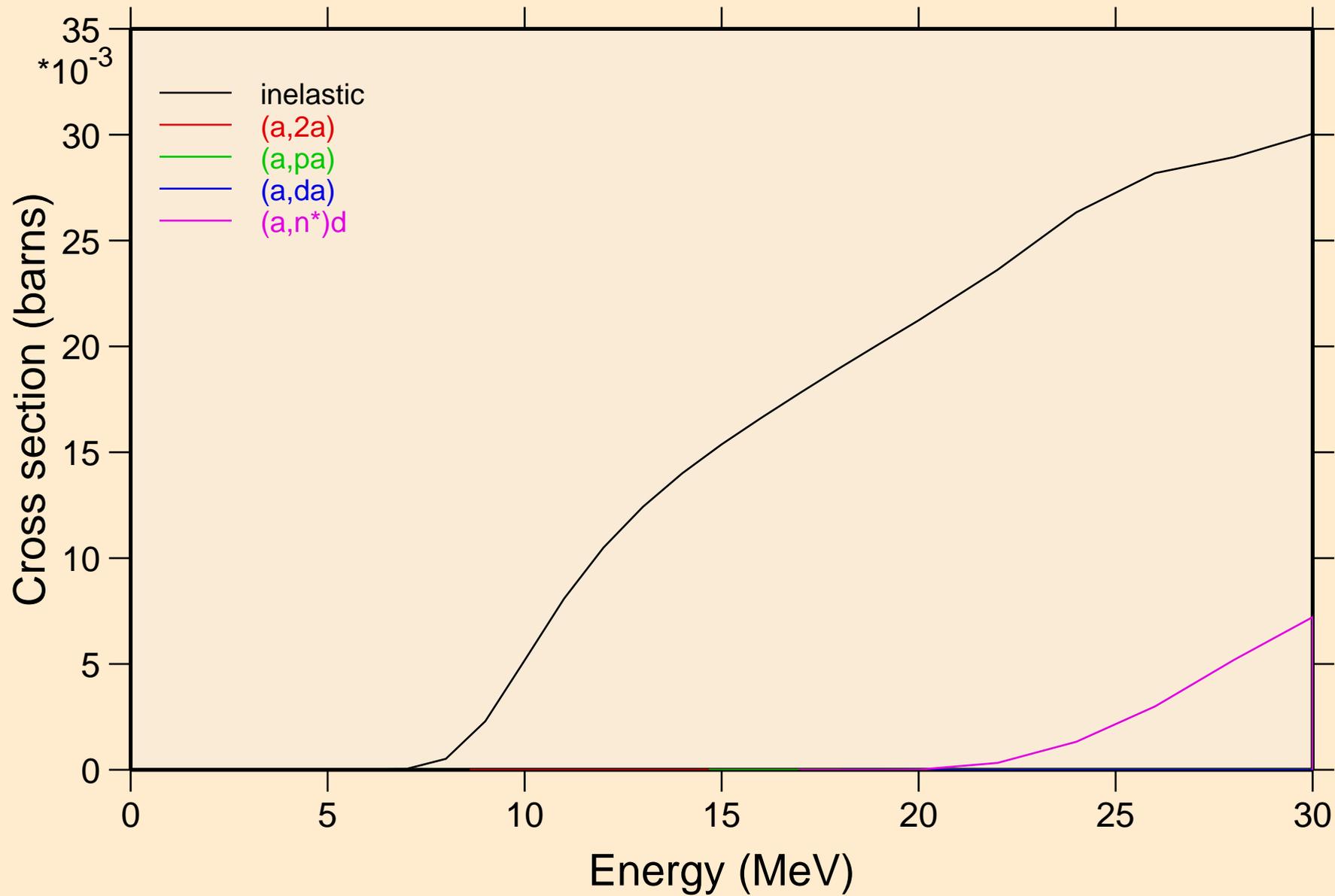
Heating



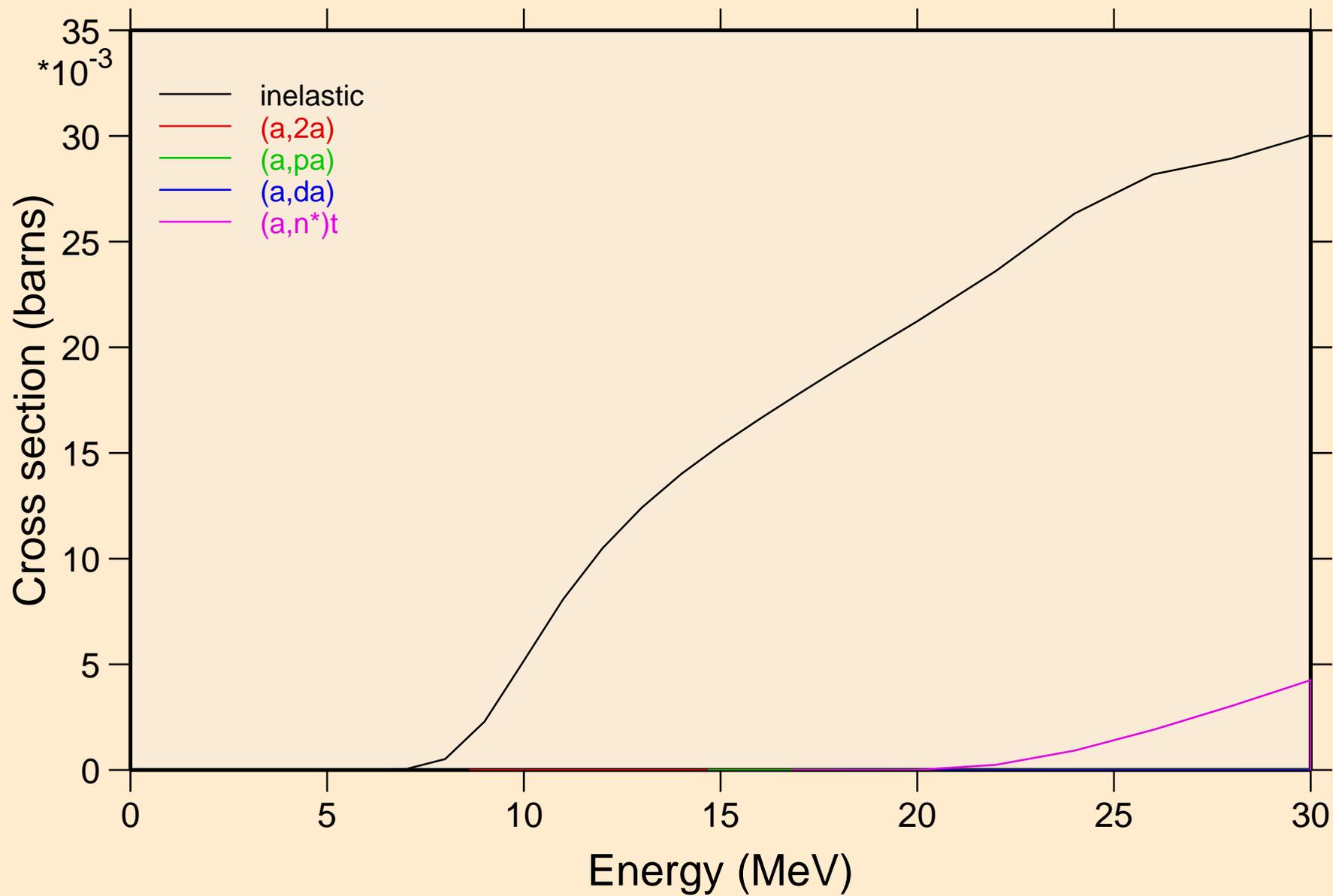
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



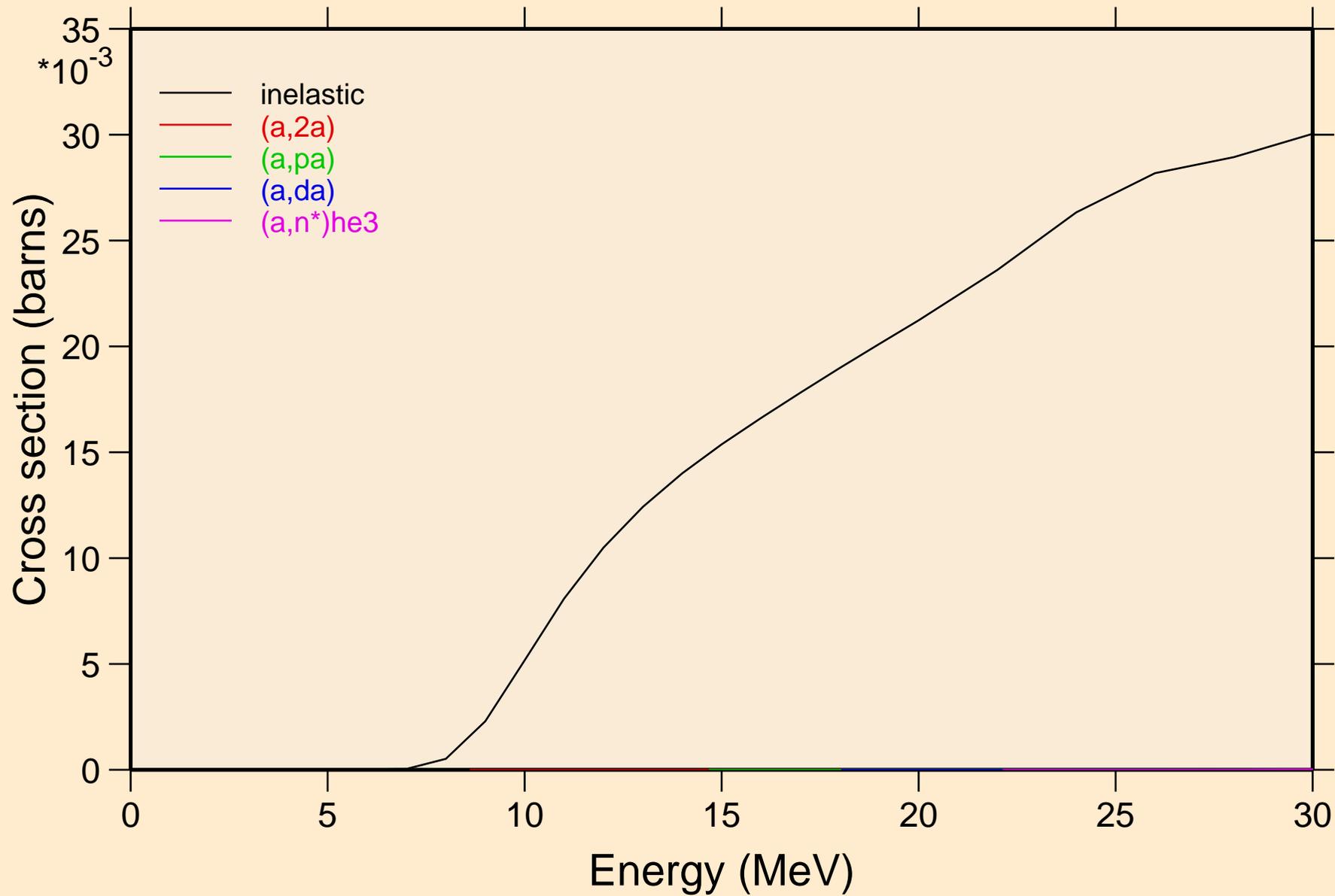
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



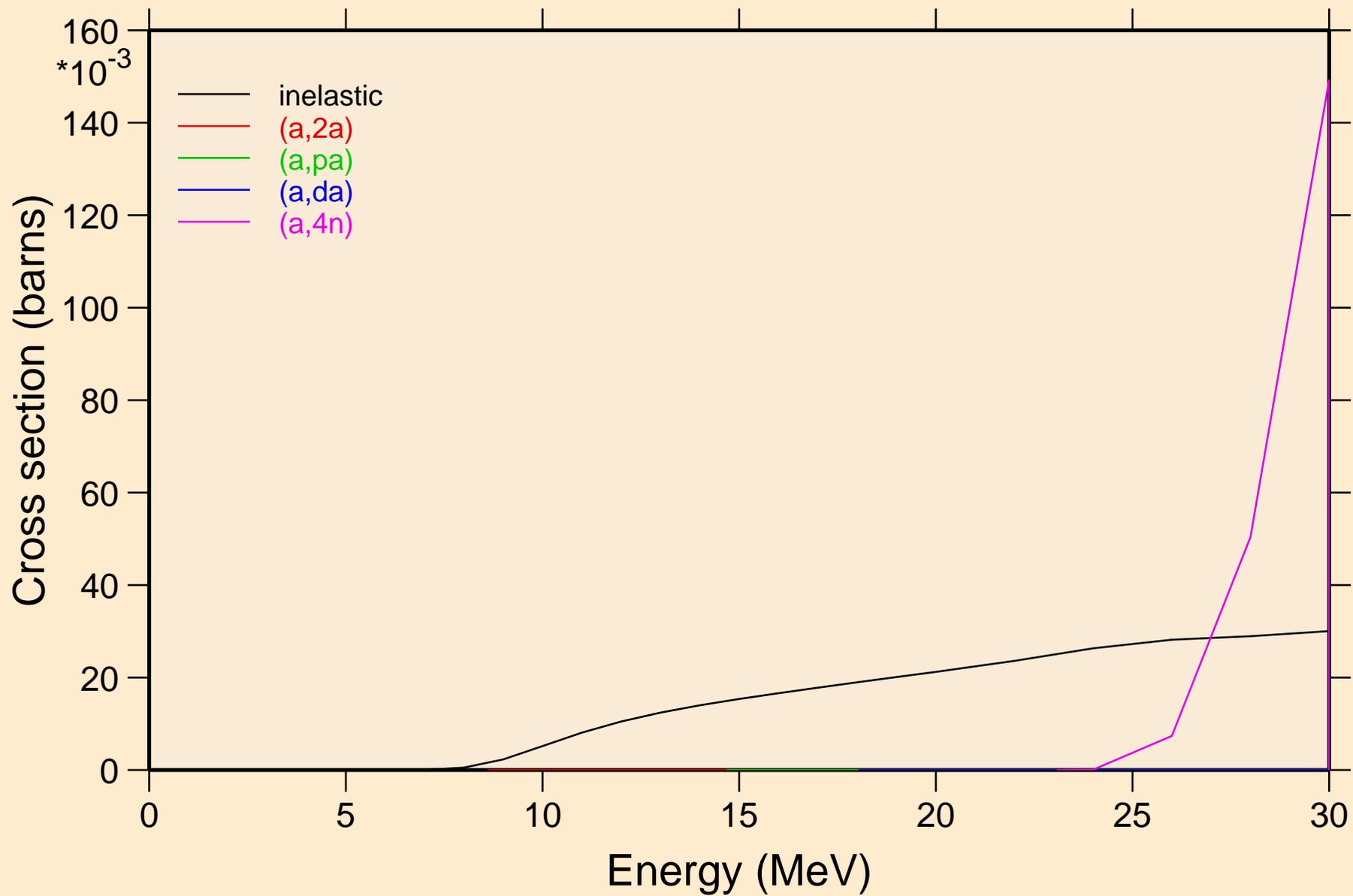
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



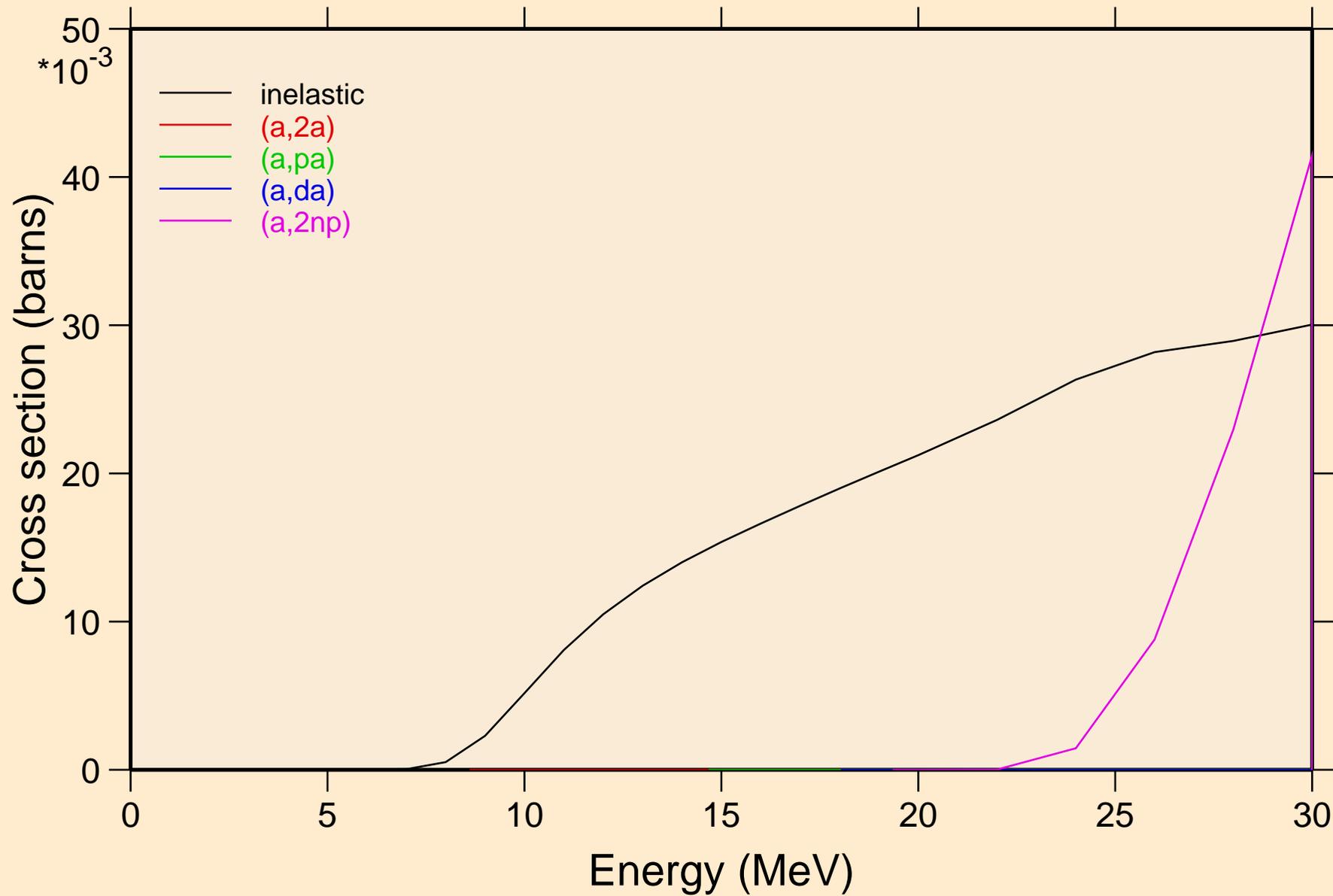
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



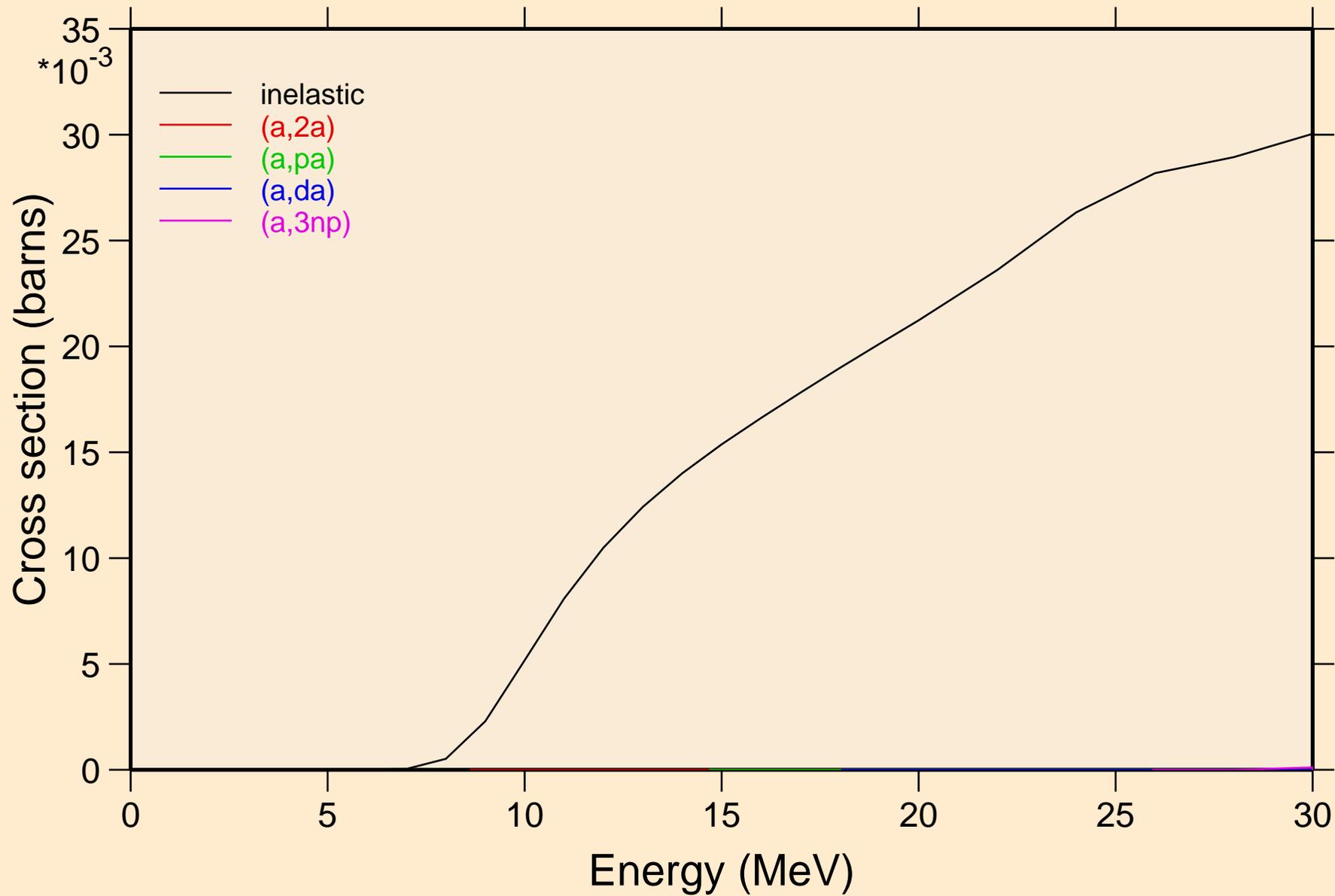
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



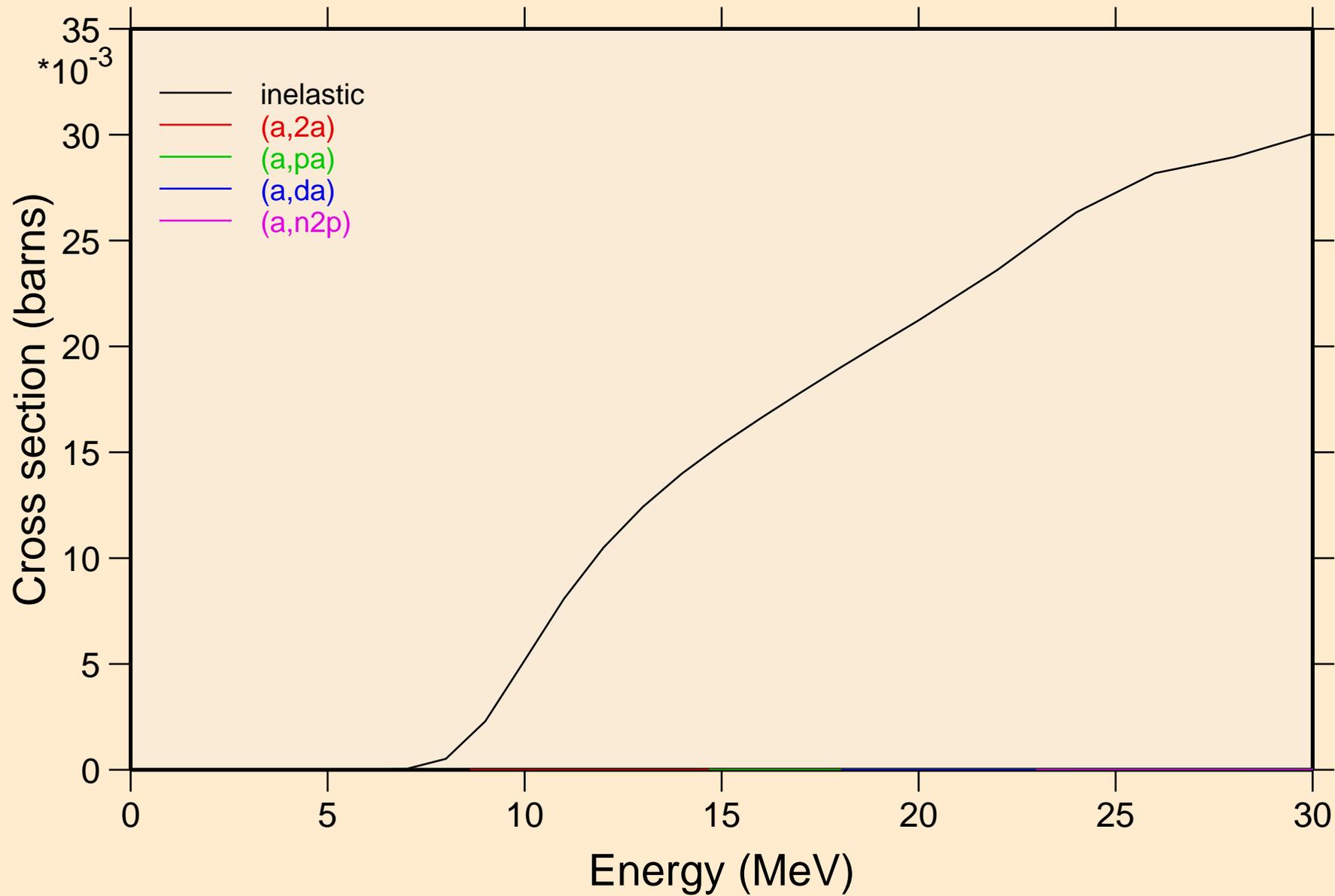
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



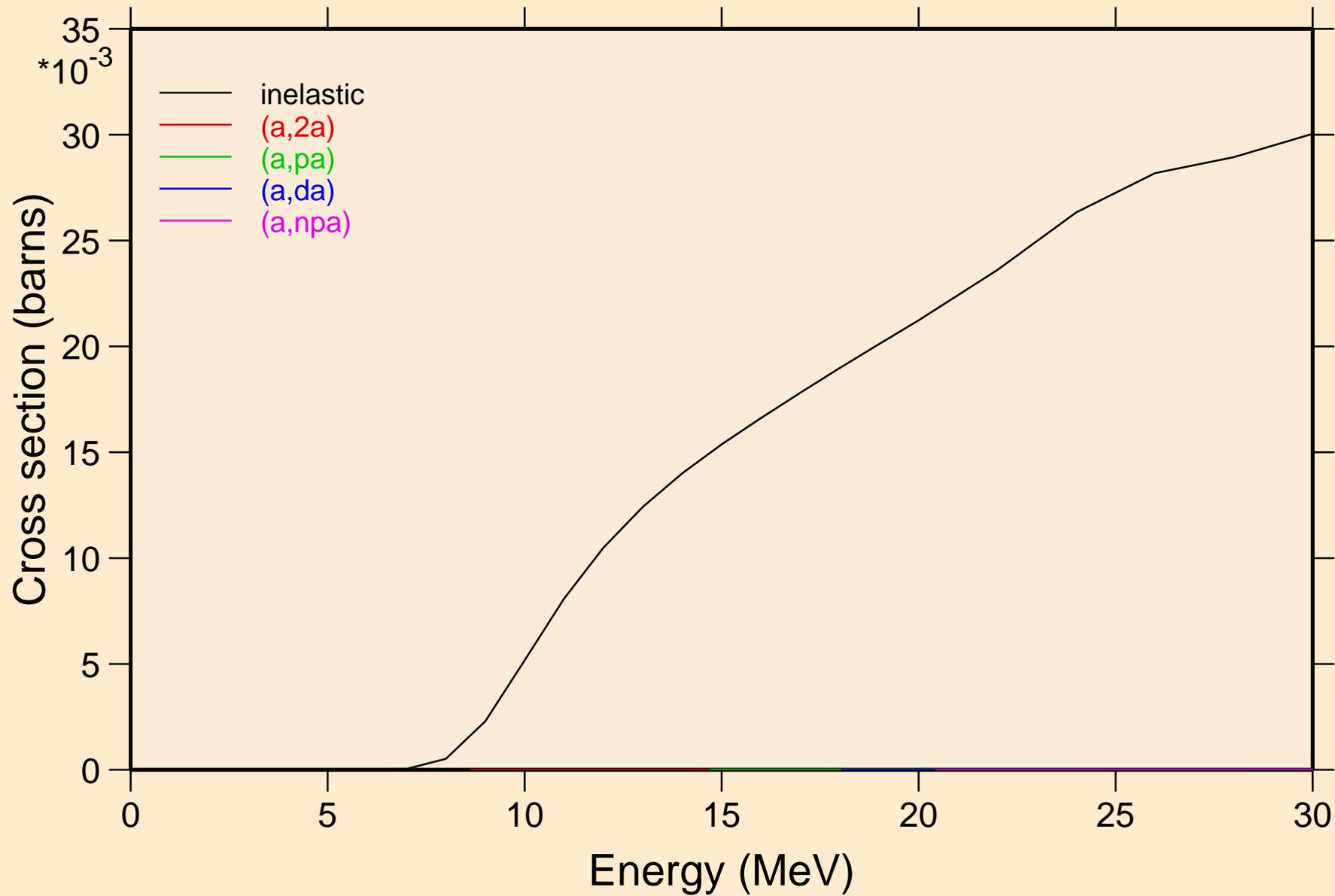
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



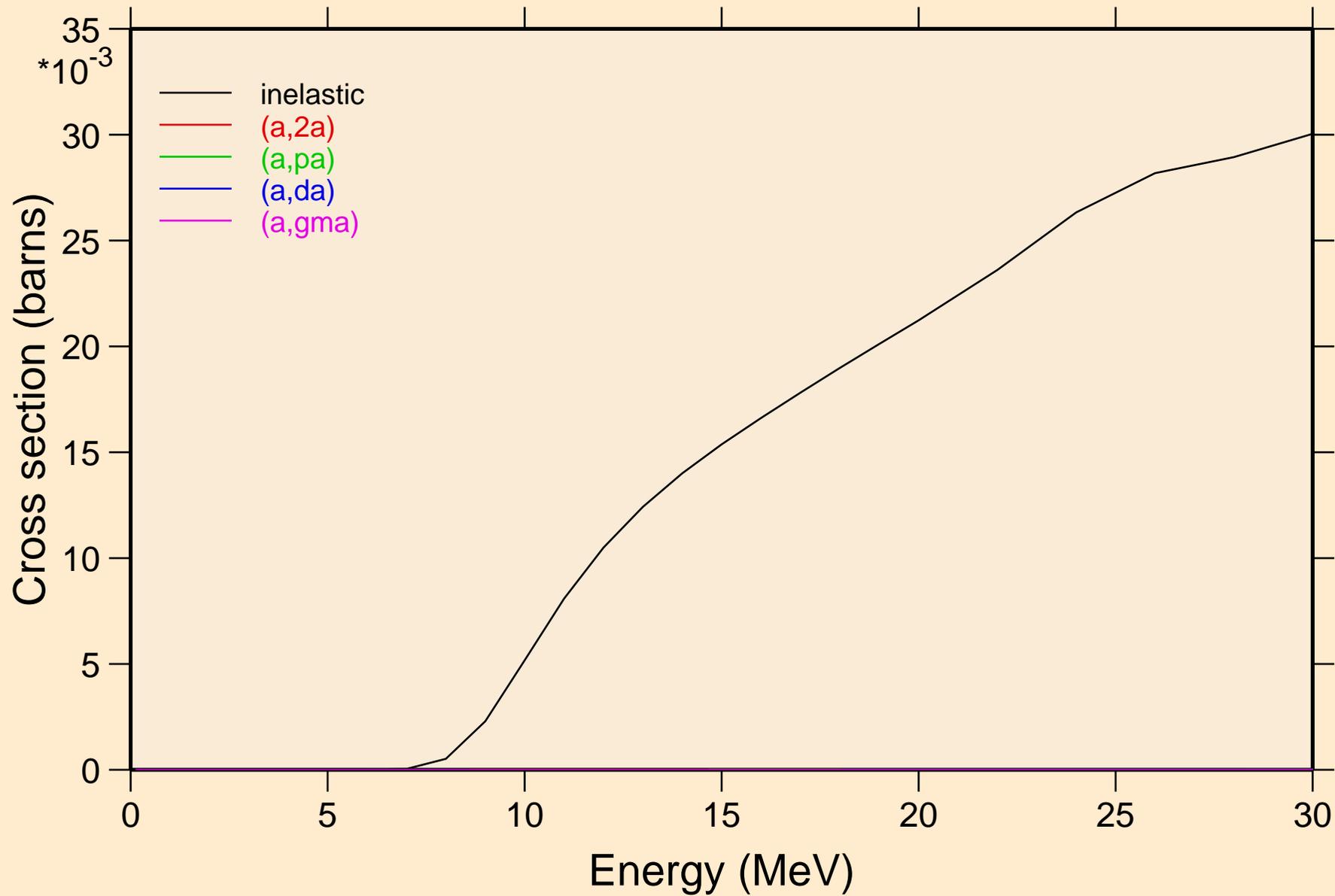
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



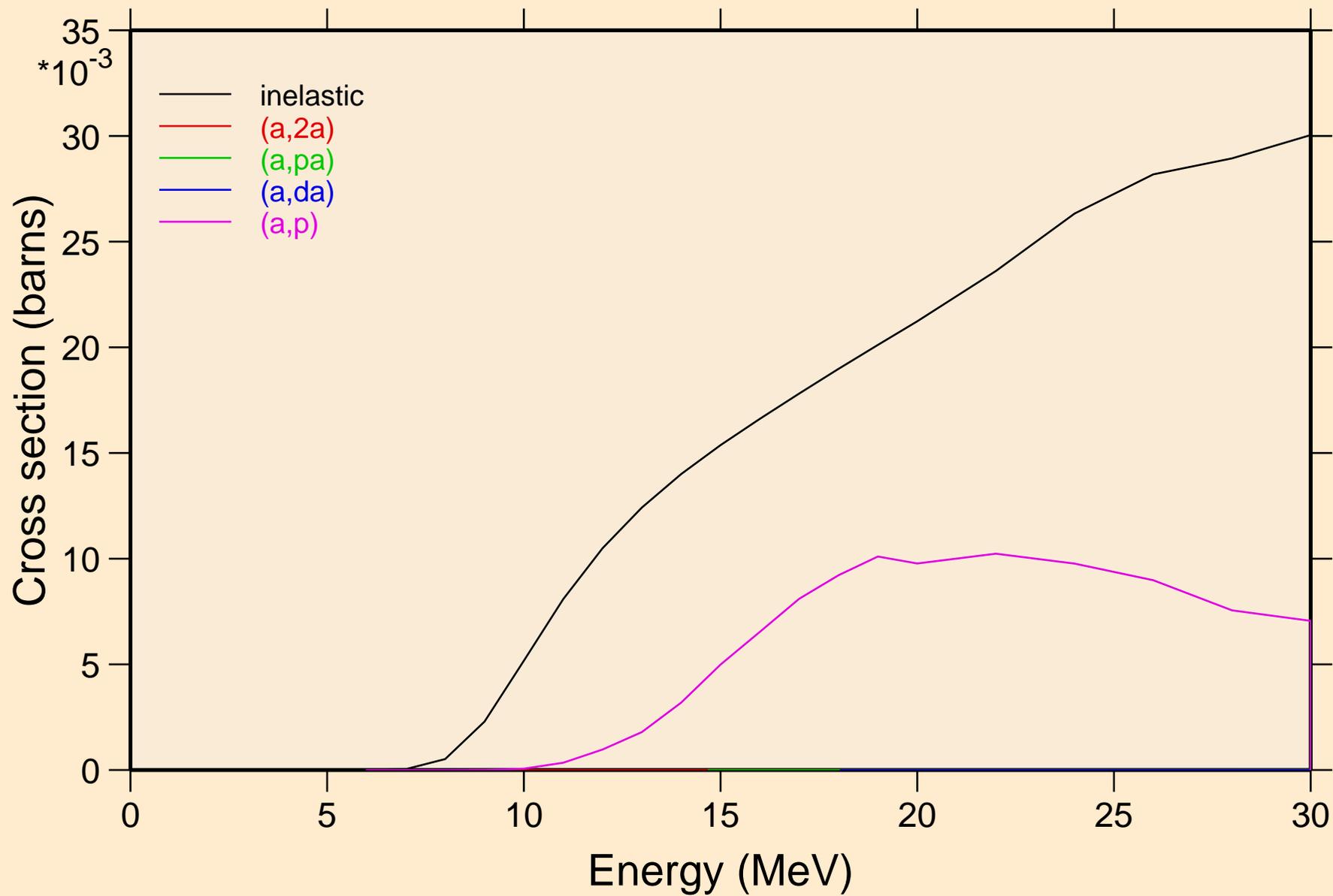
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



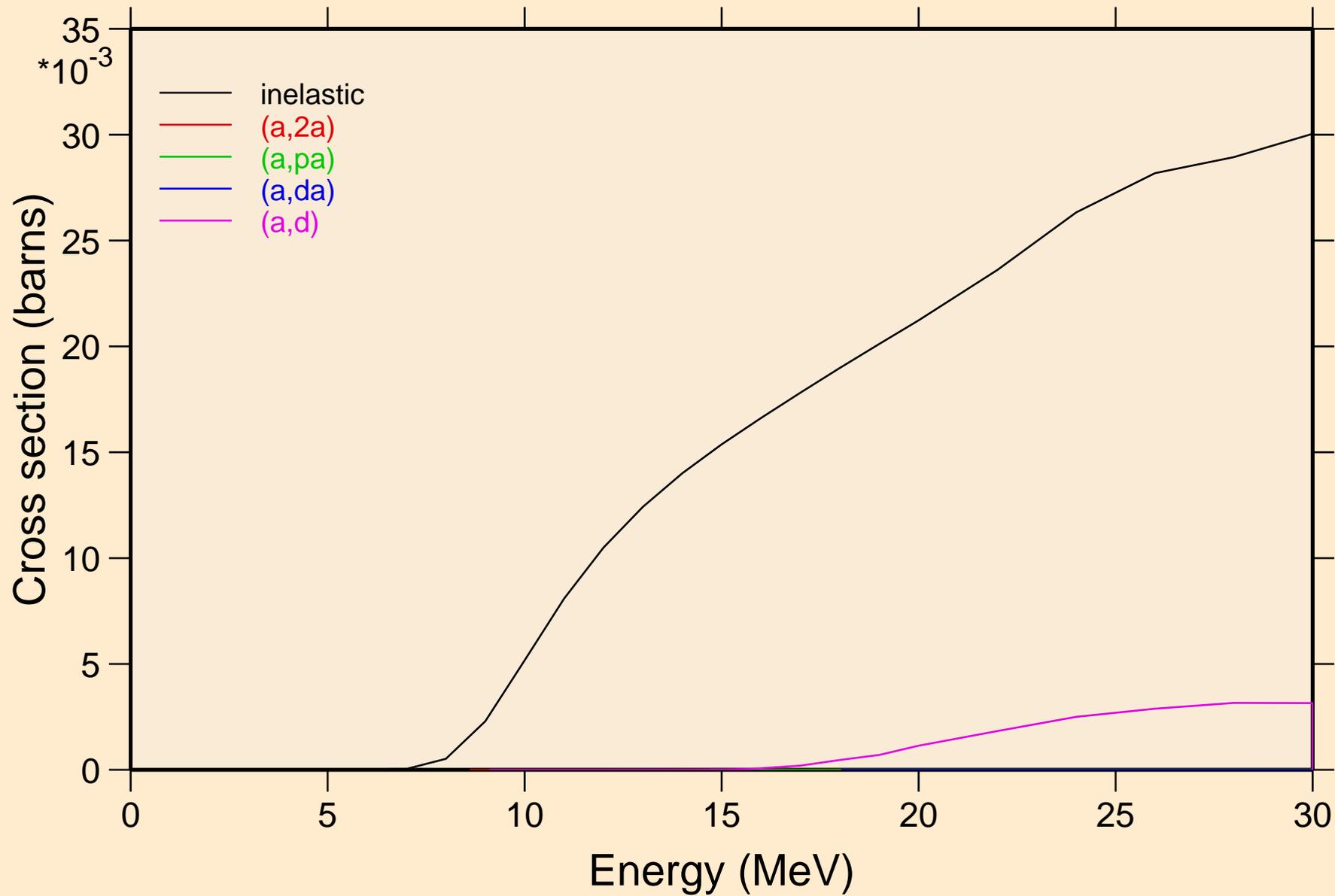
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



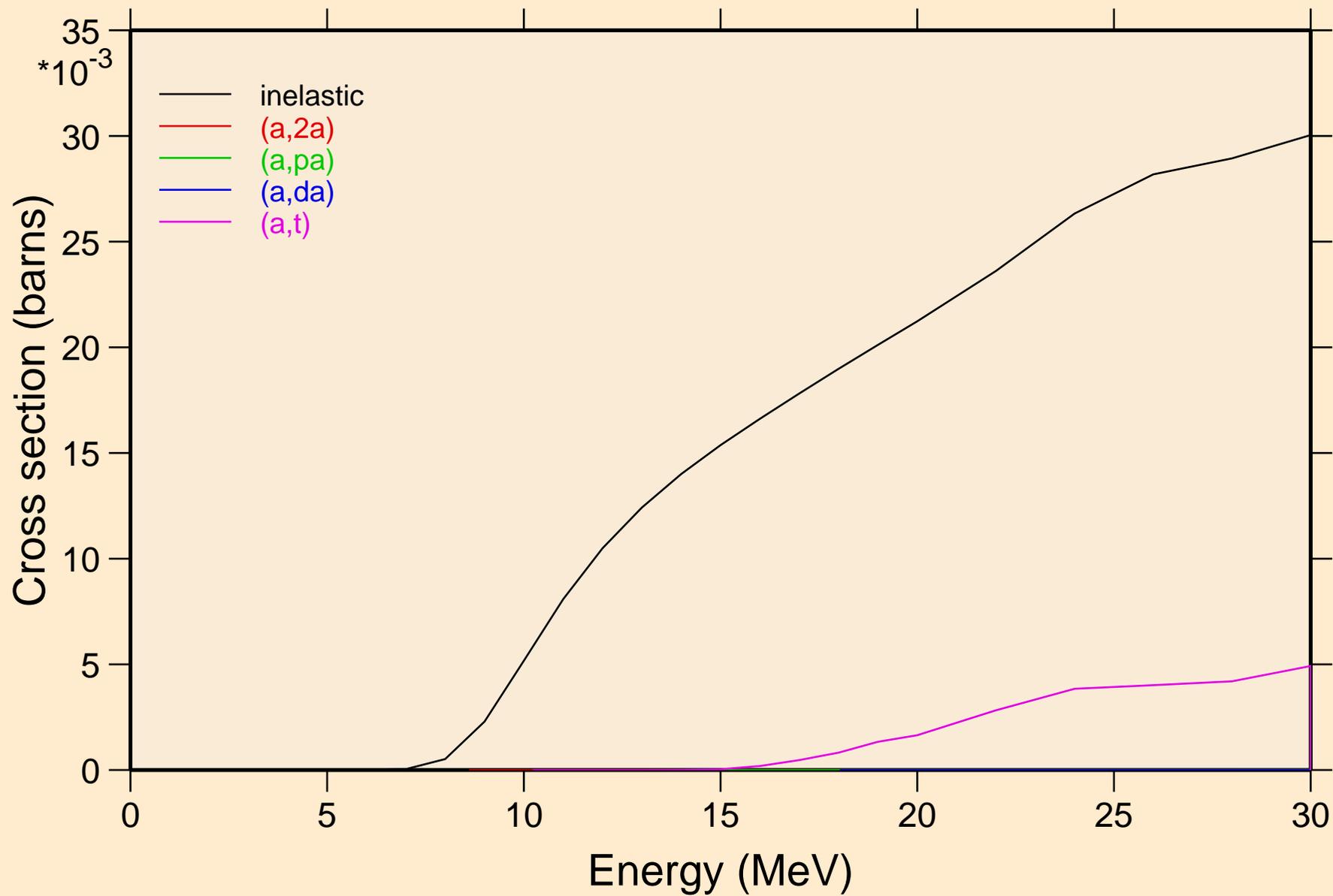
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



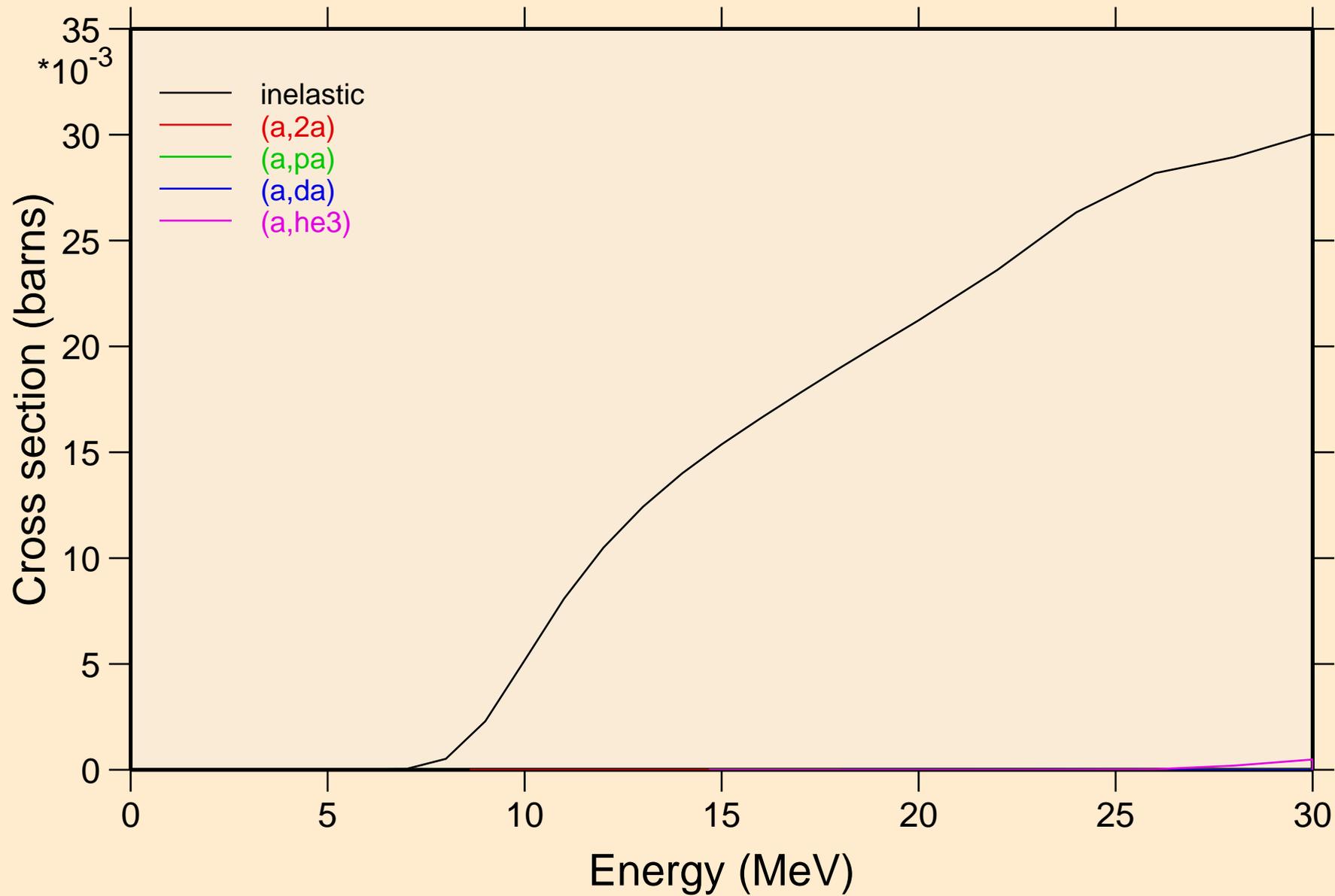
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



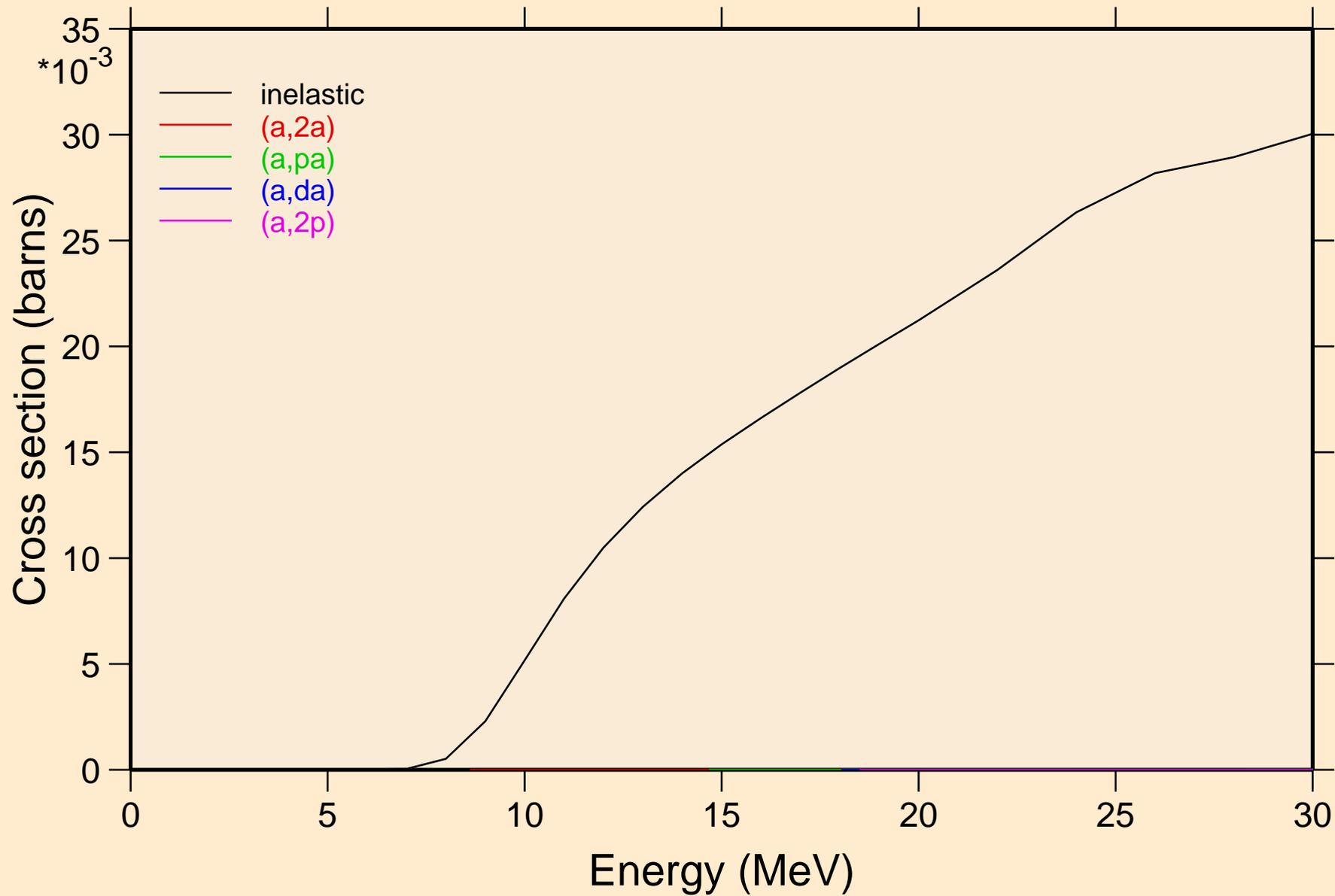
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



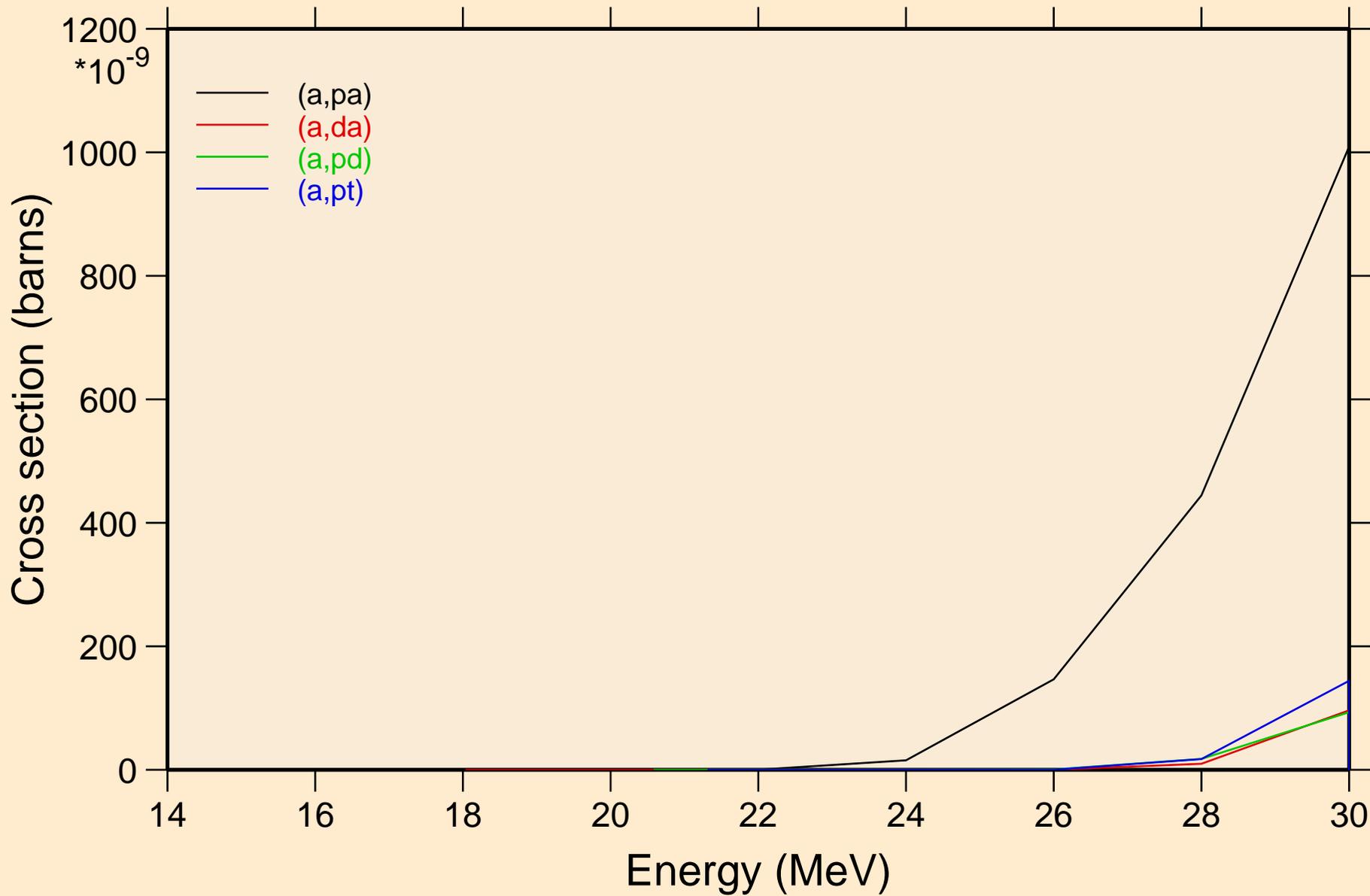
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



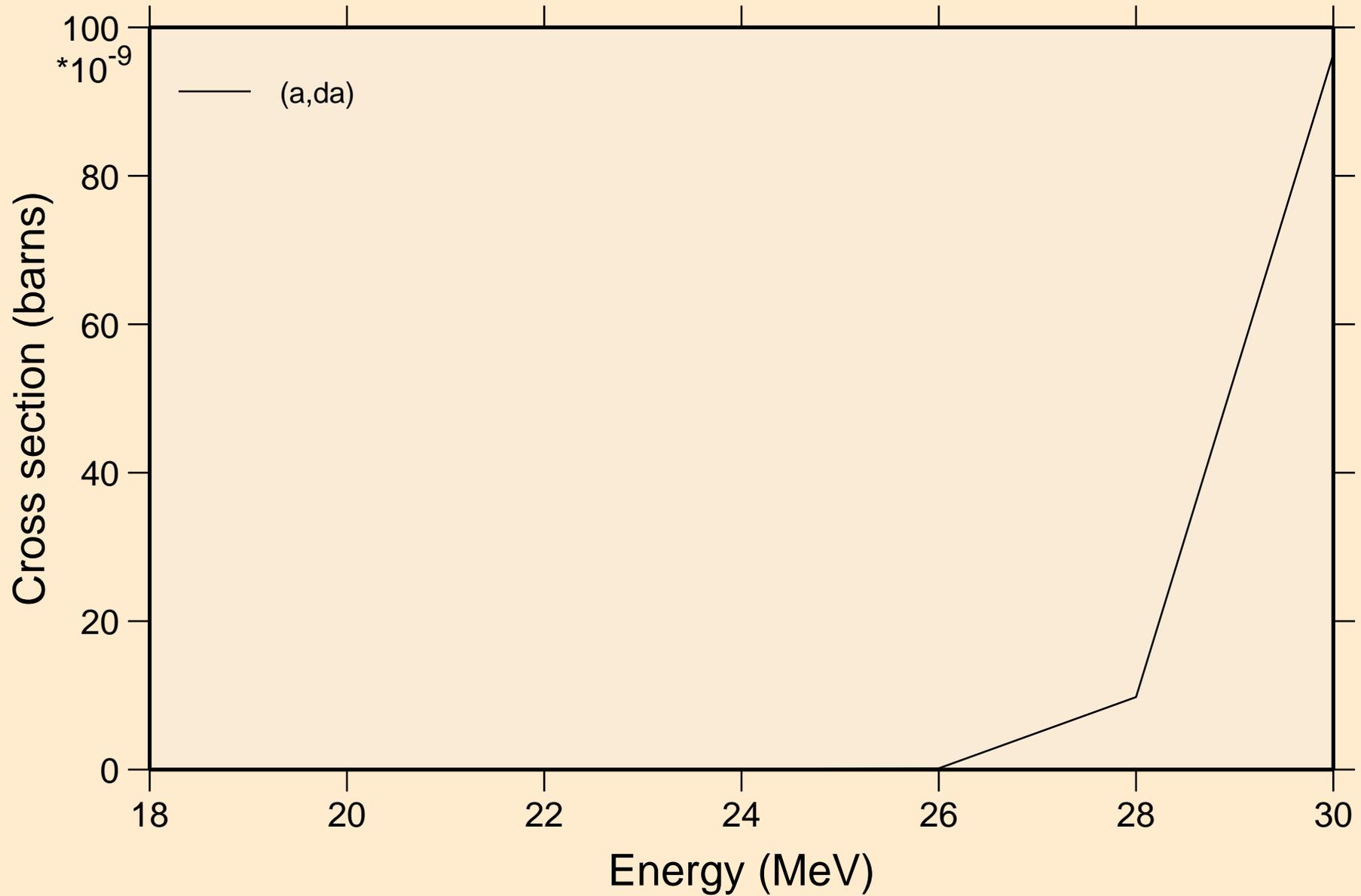
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



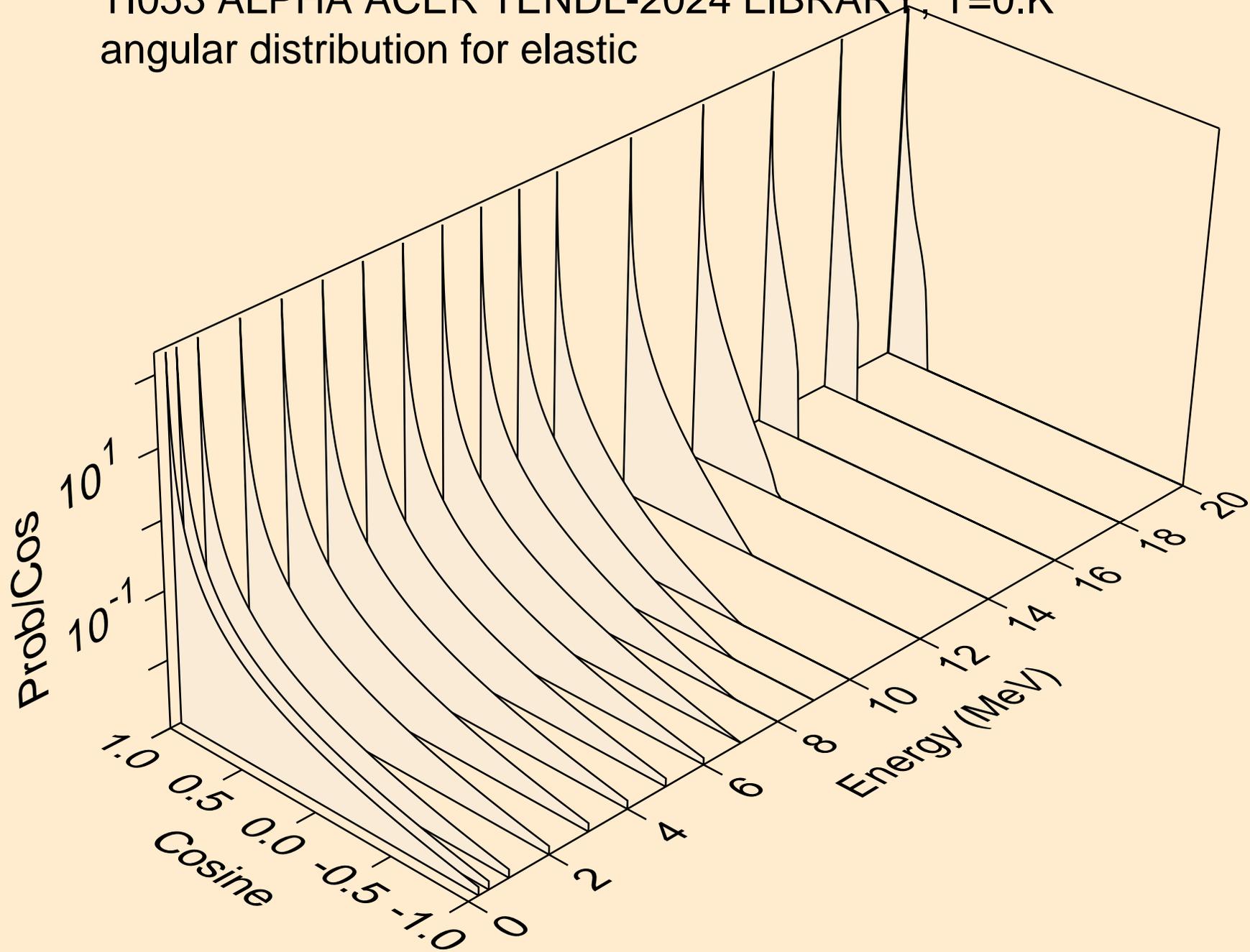
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



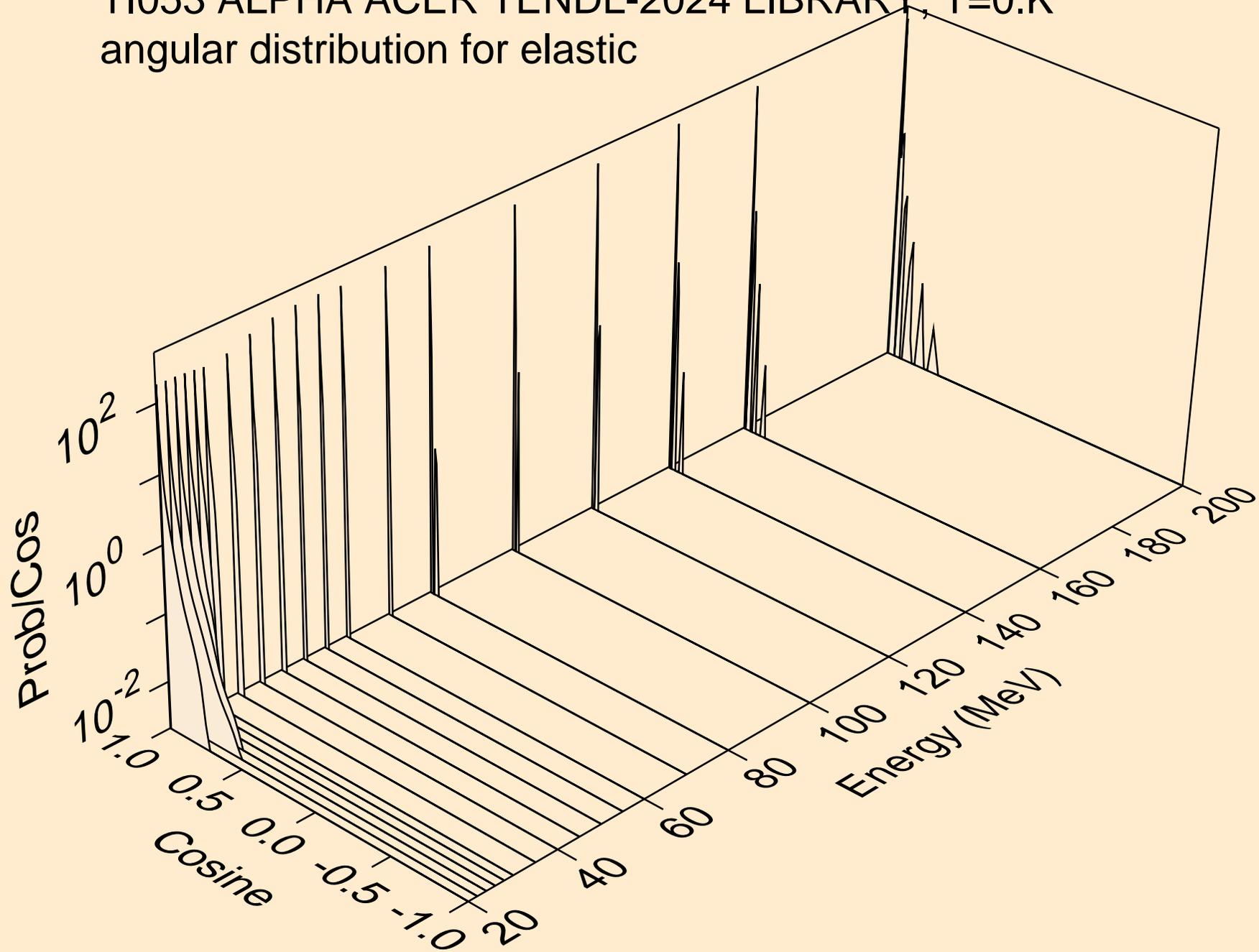
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Threshold reactions



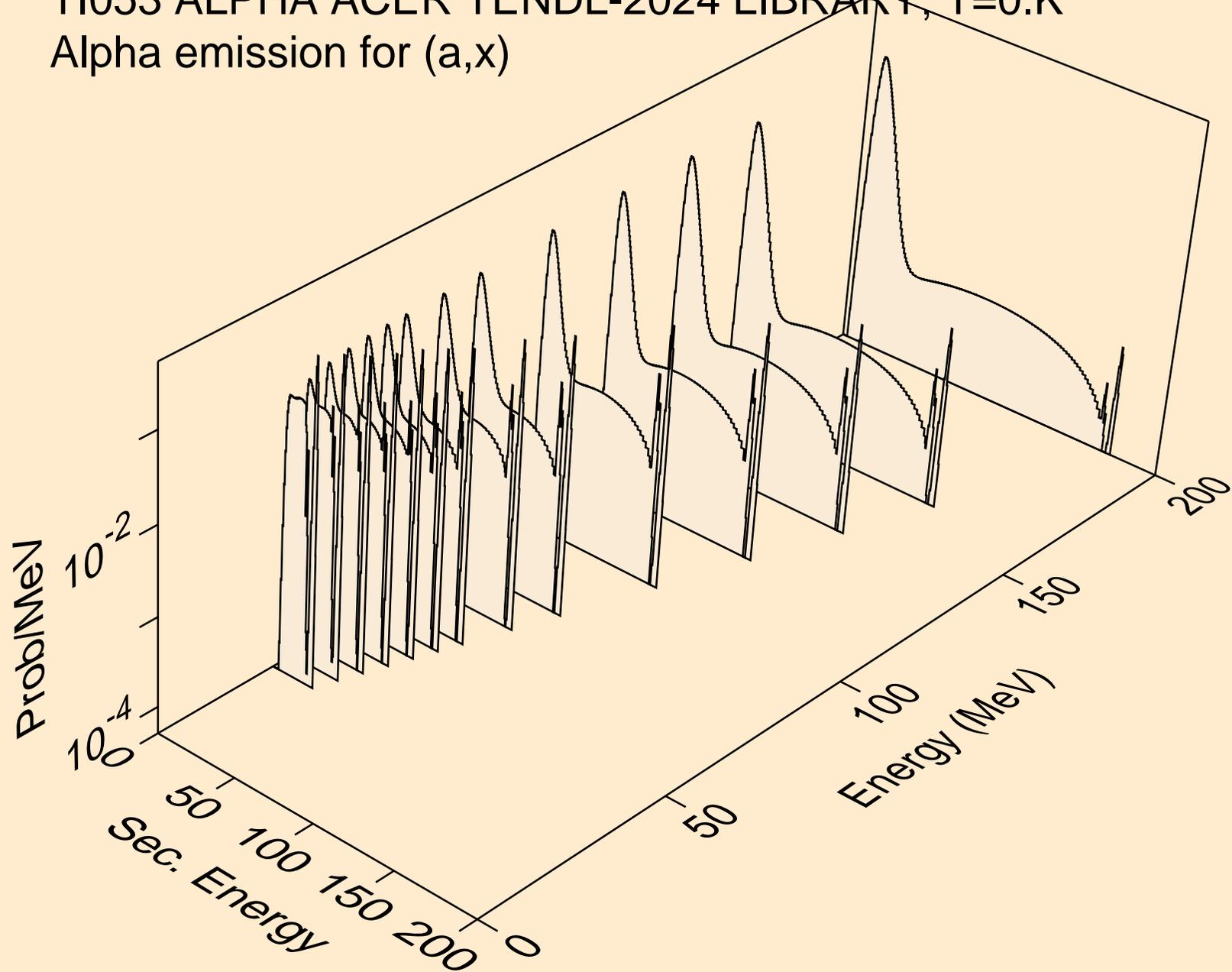
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



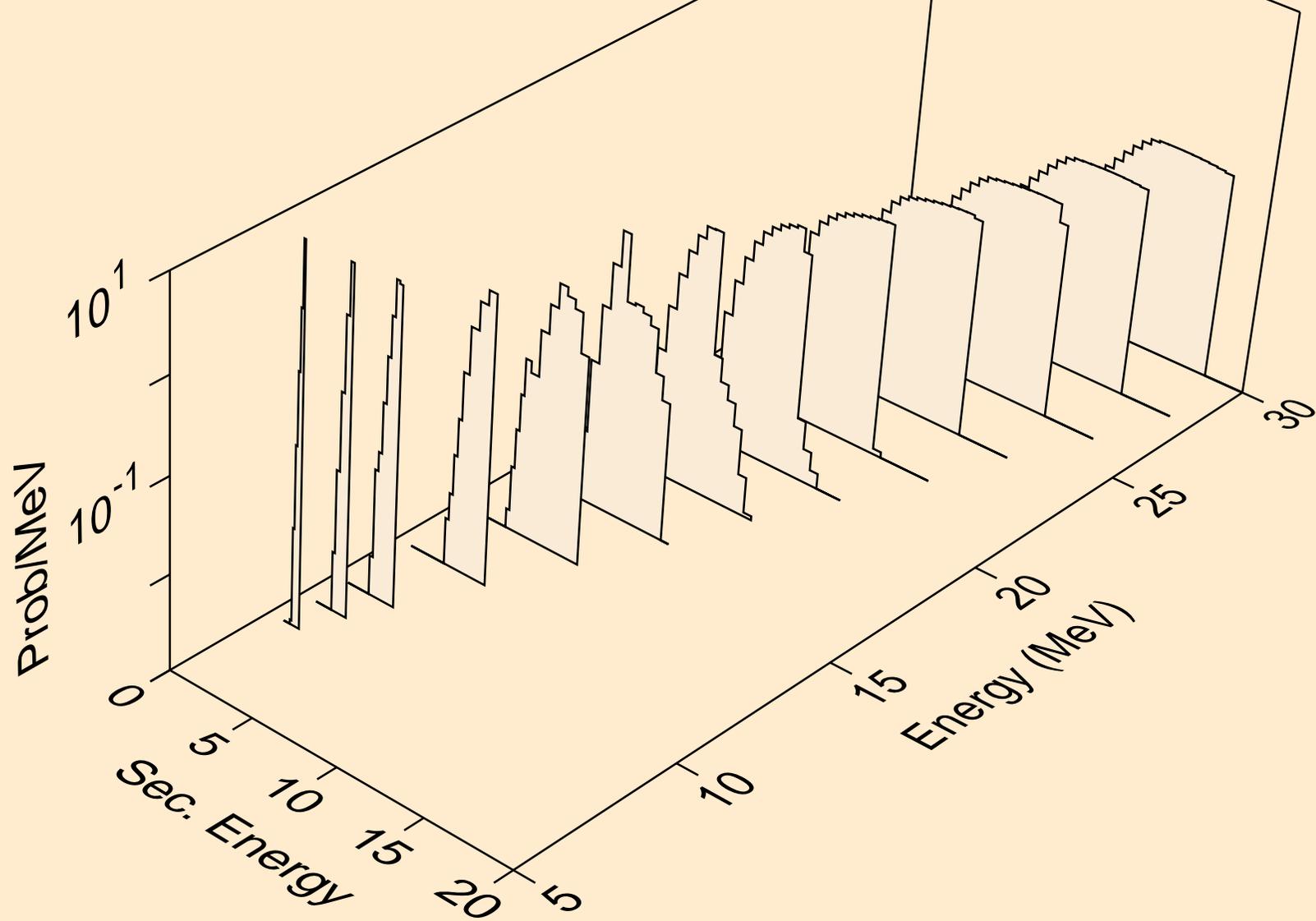
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
angular distribution for elastic



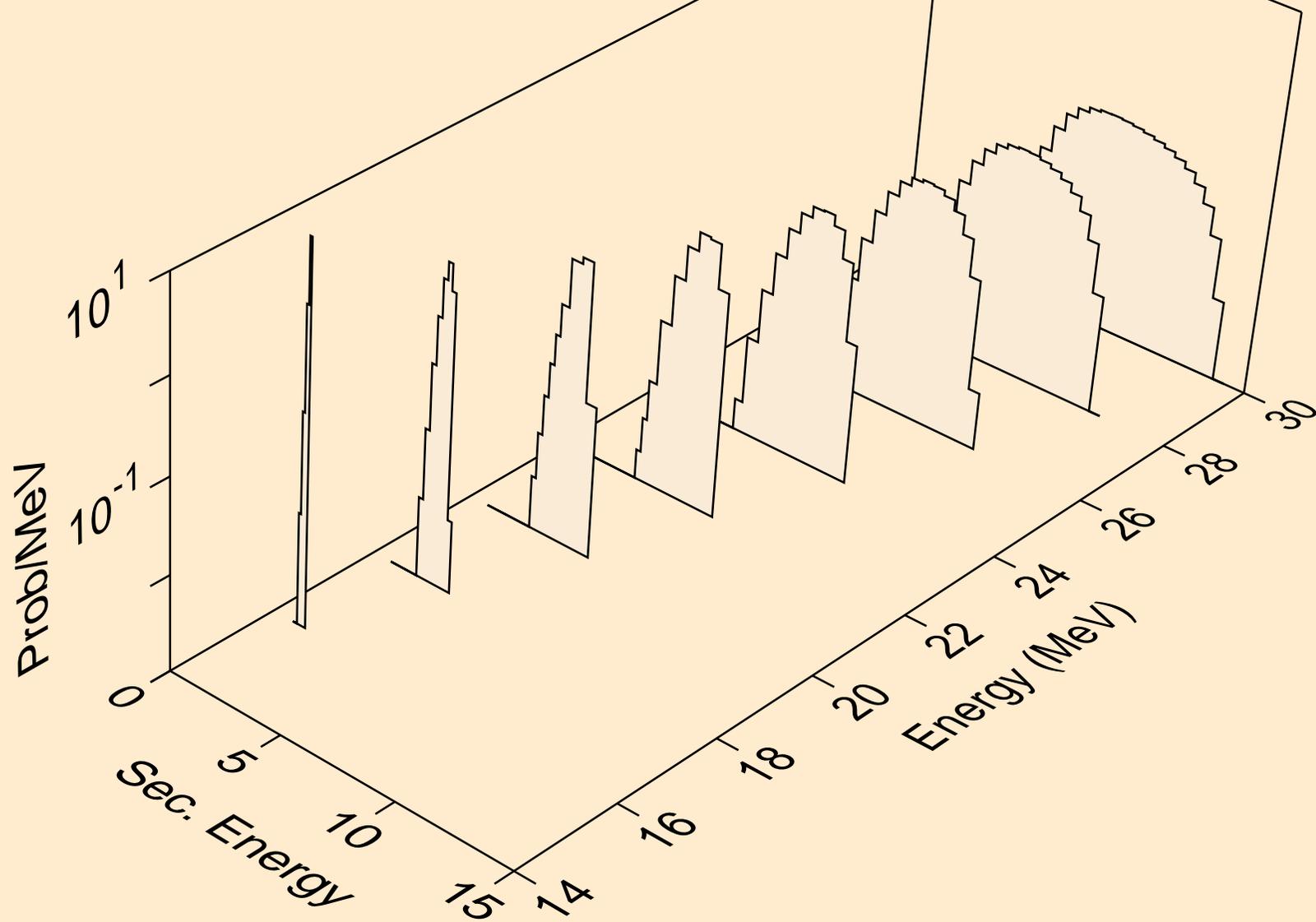
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,x)



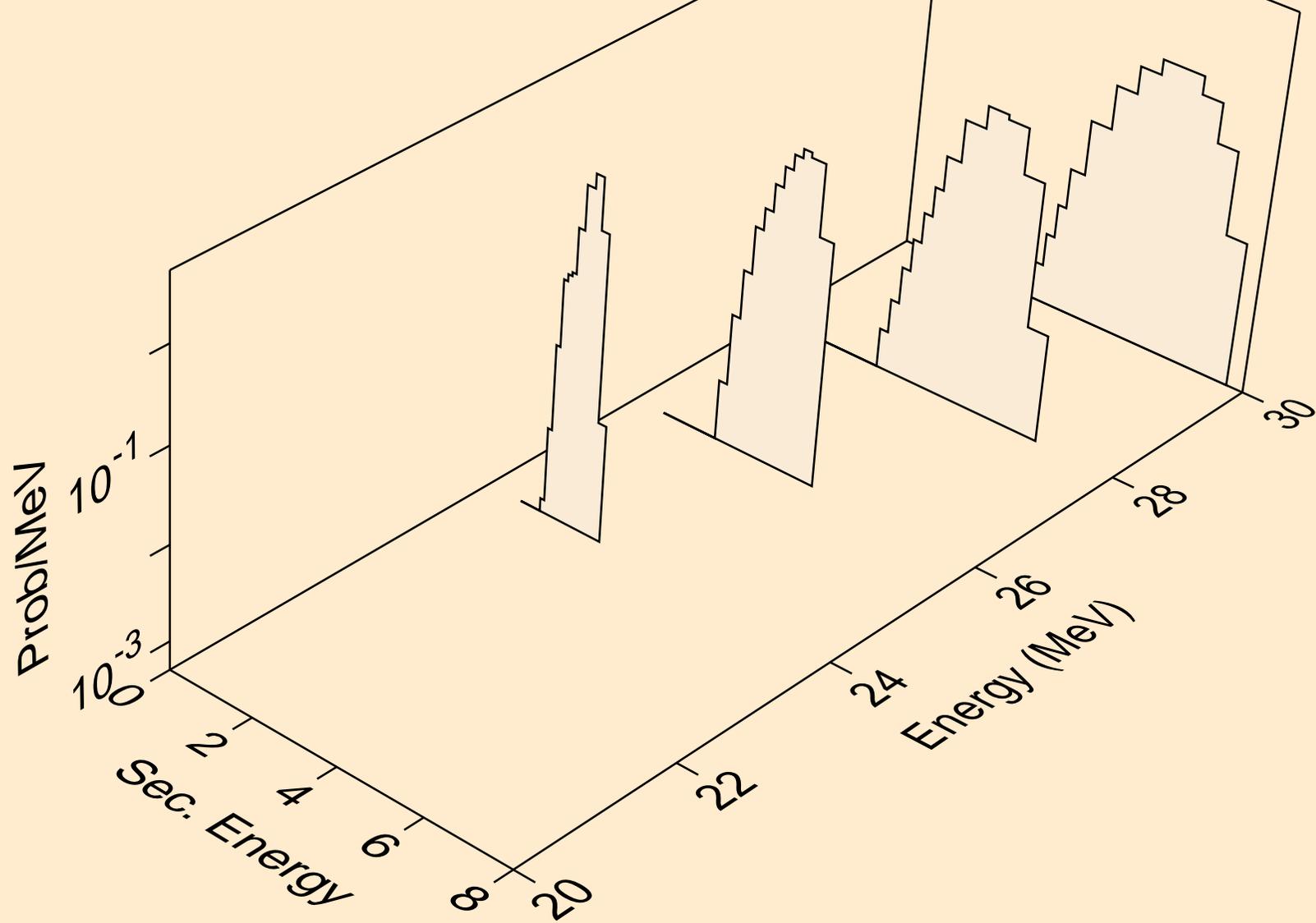
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,n\*)a



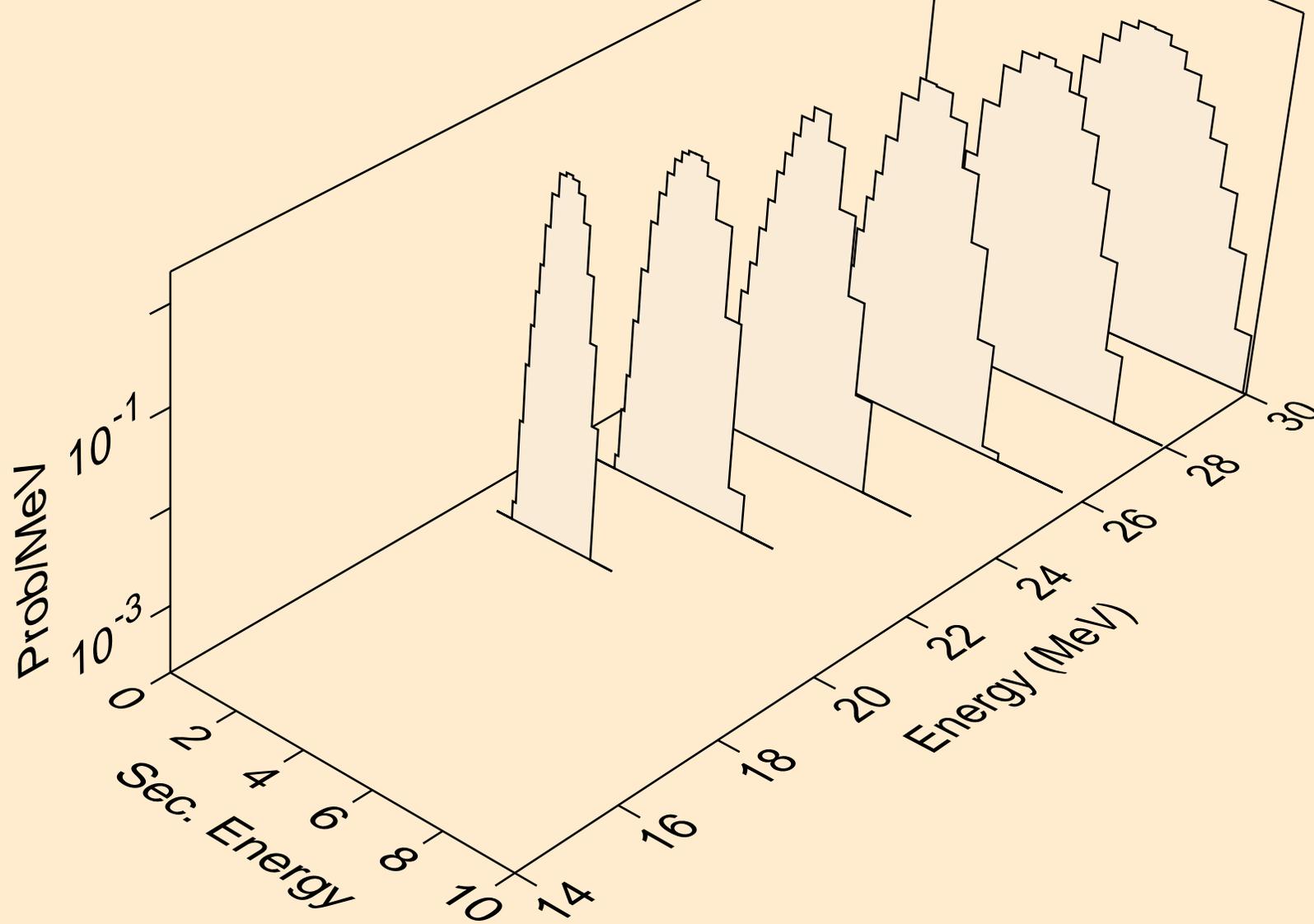
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,2n)a



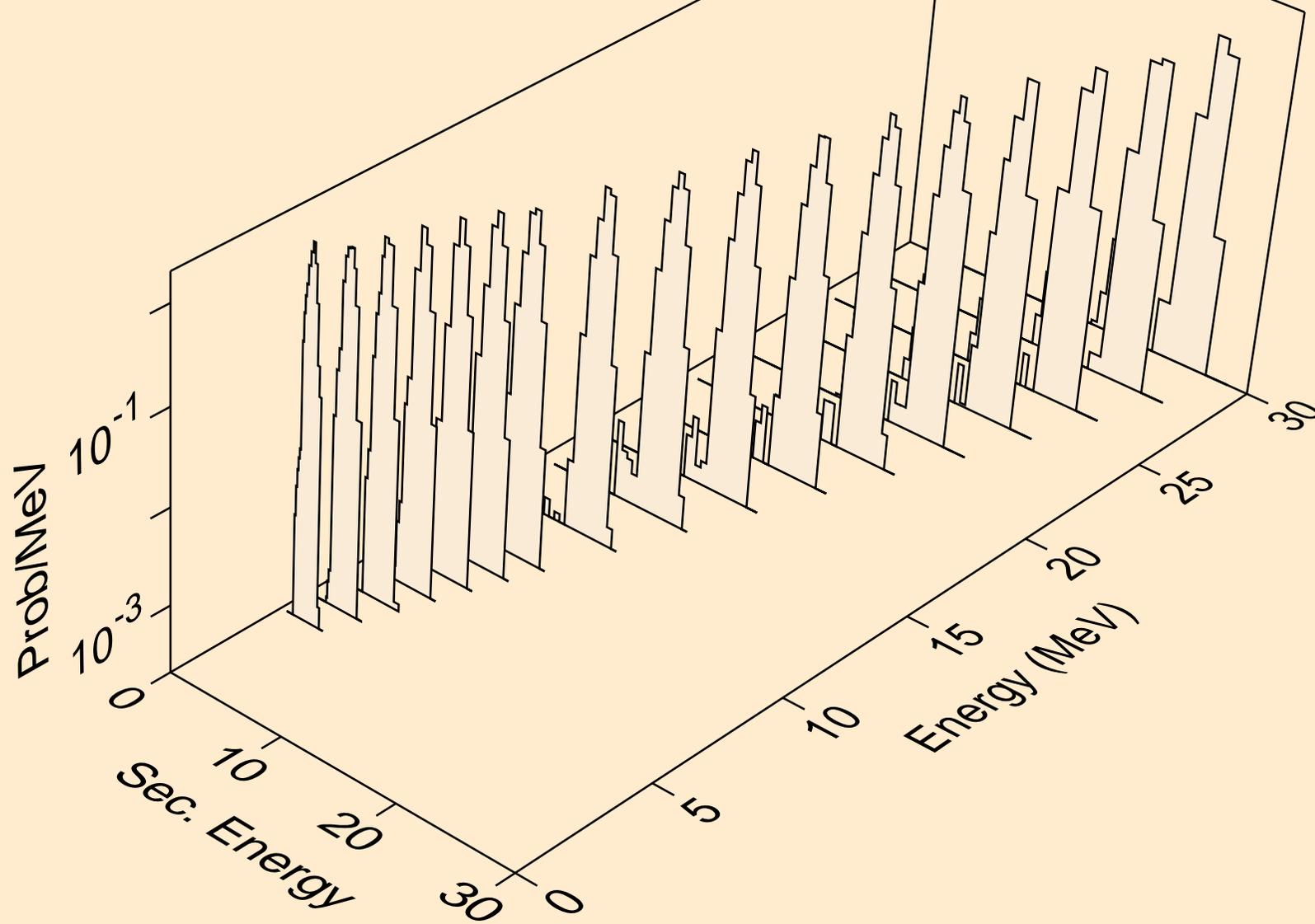
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,3n)a



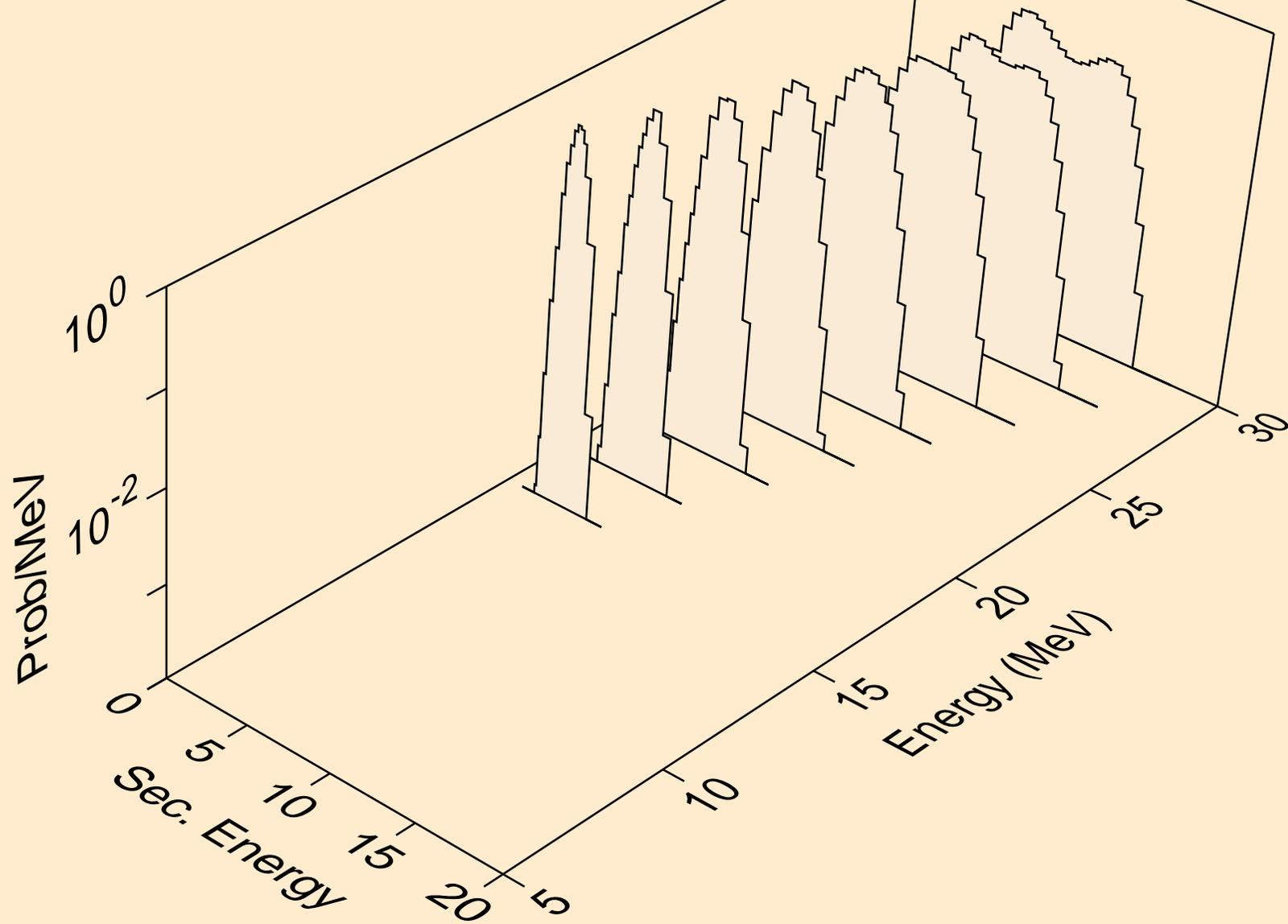
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,n\*)2a



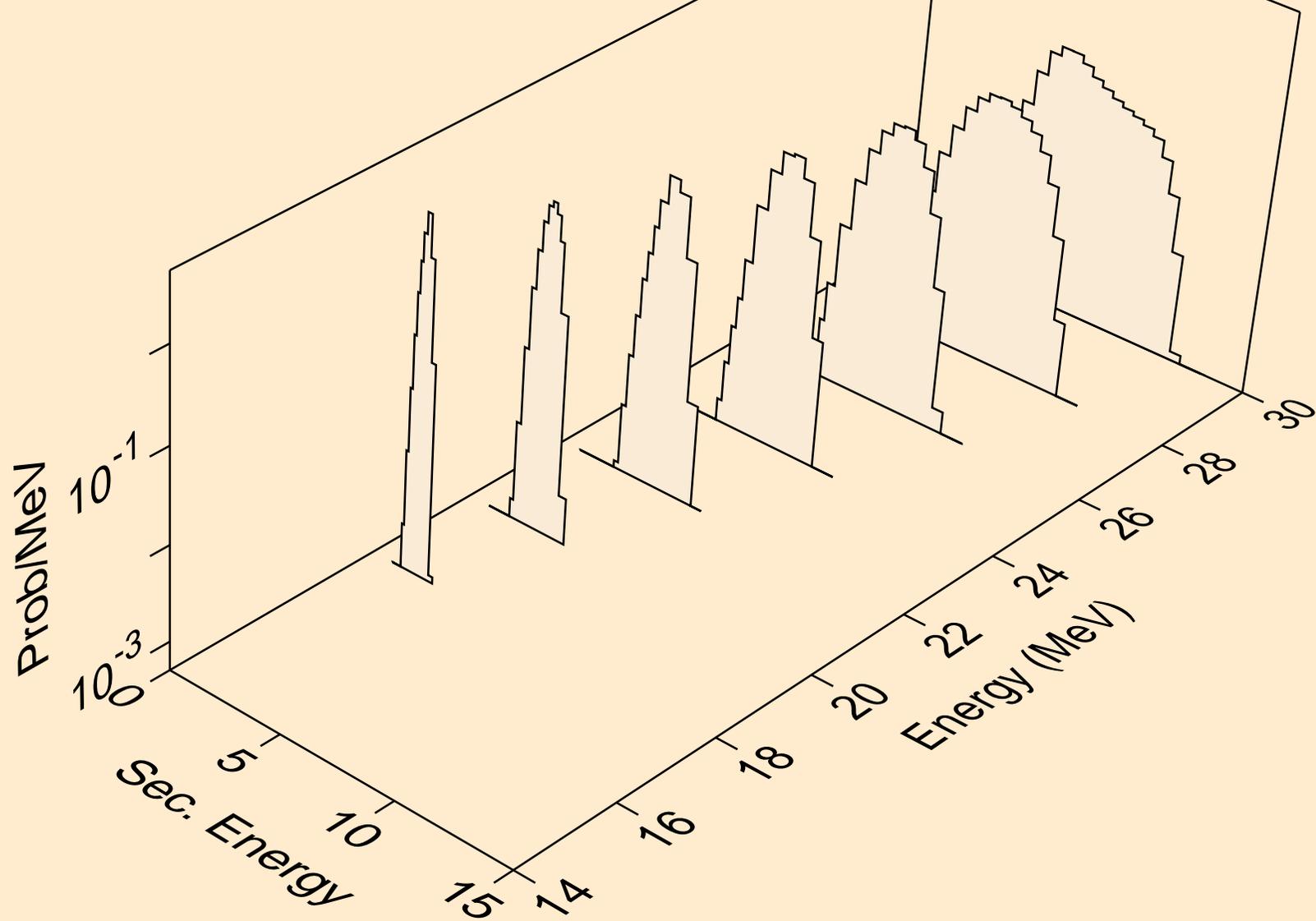
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for inelastic



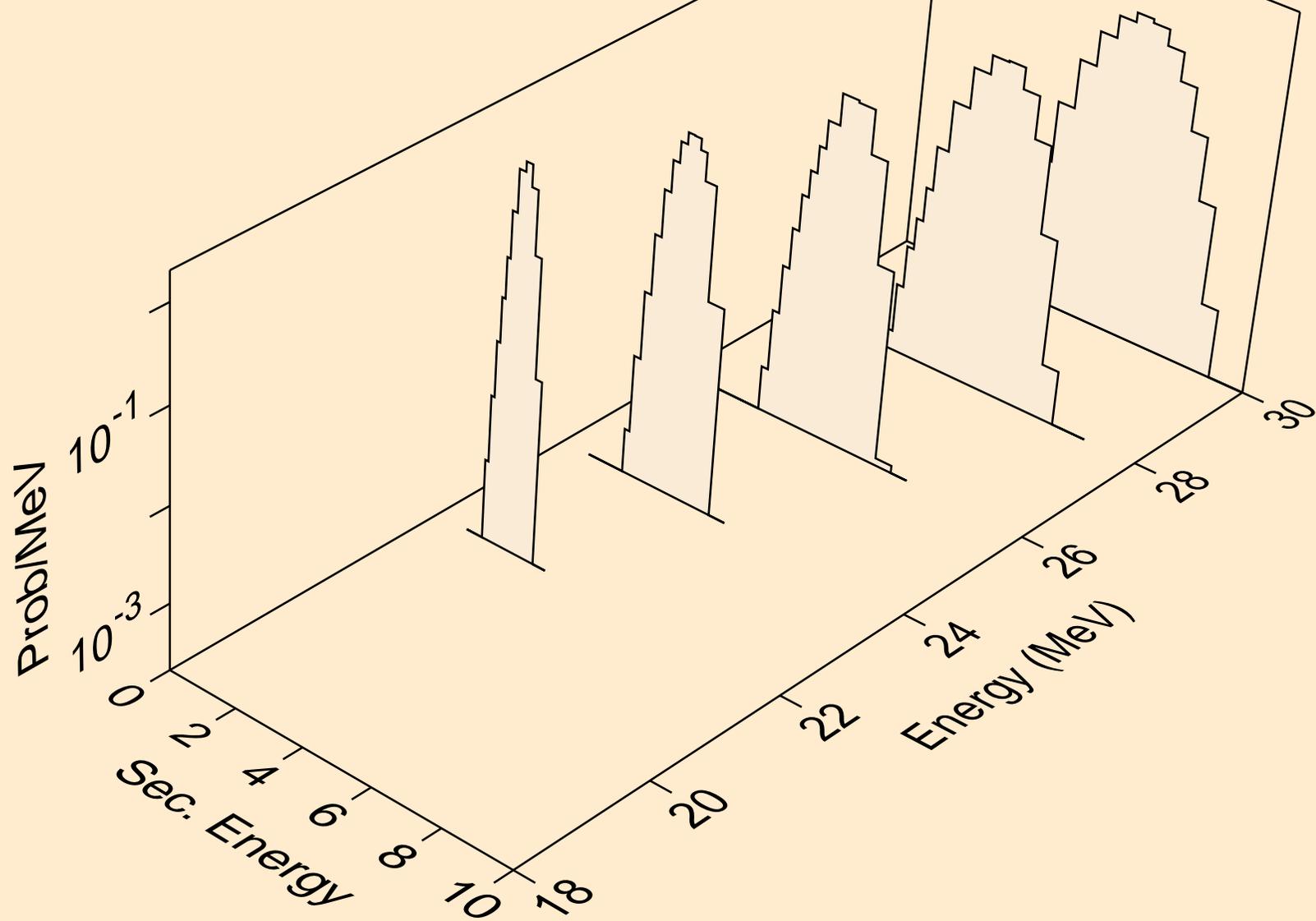
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,2a)



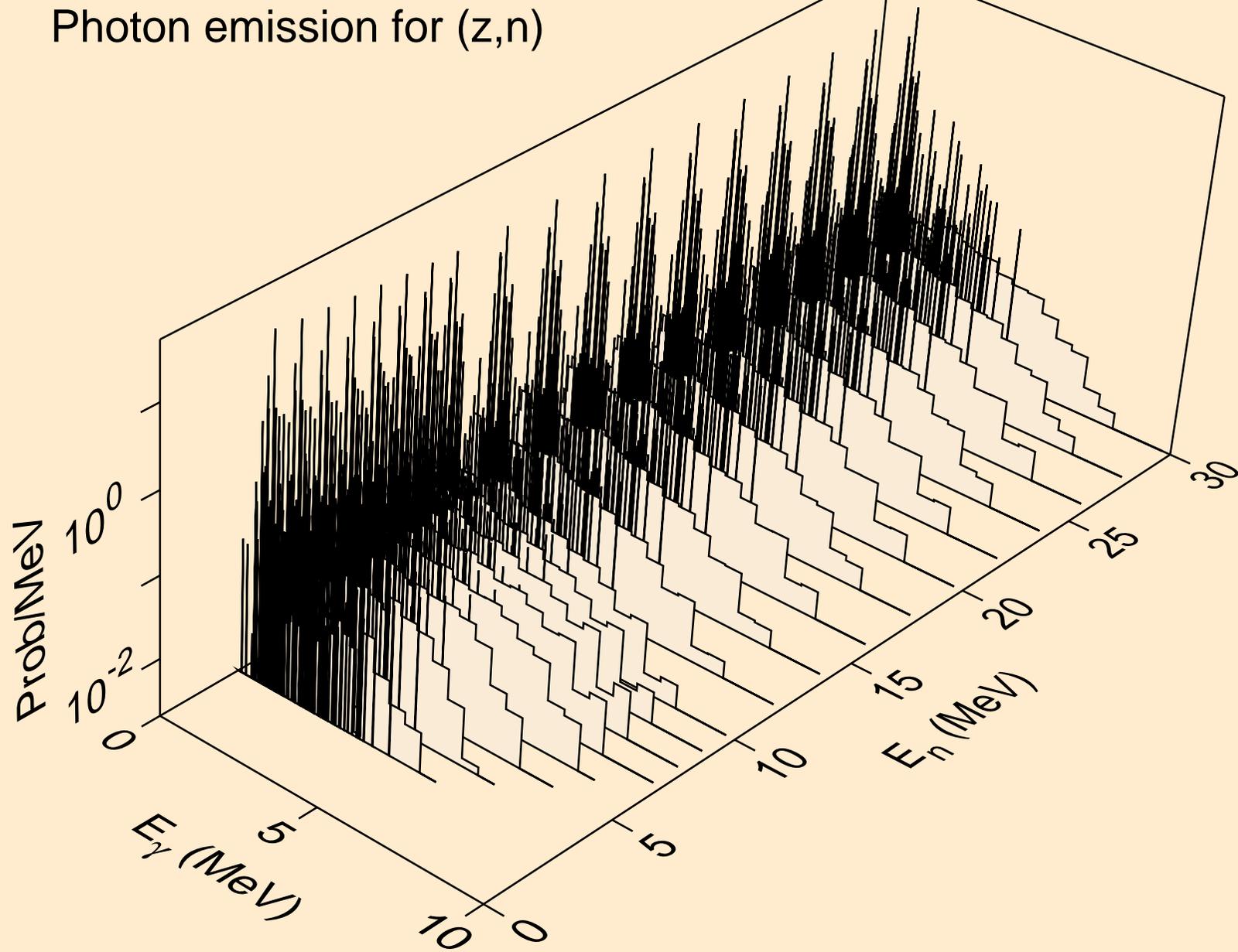
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,pa)



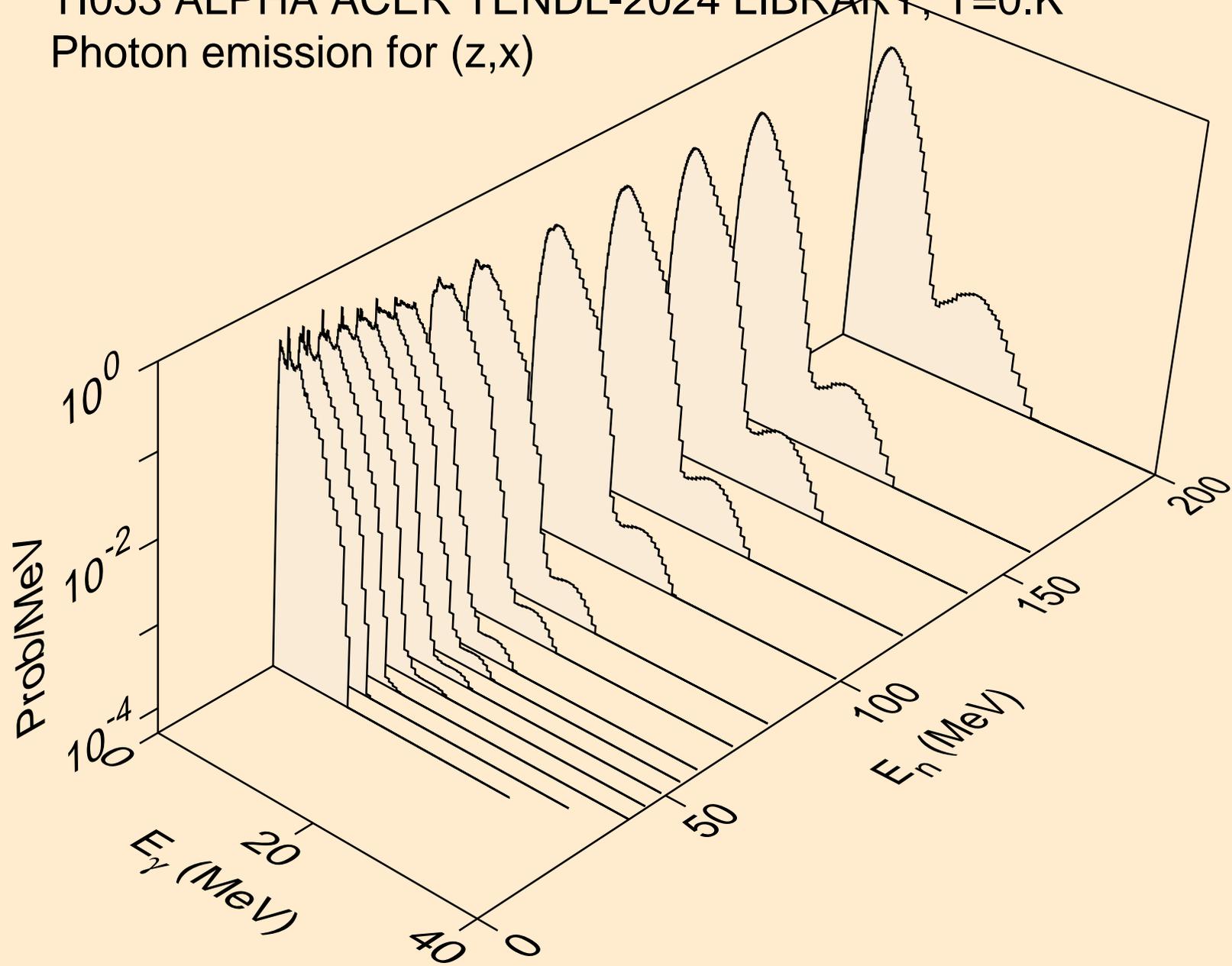
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Alpha emission for (a,da)



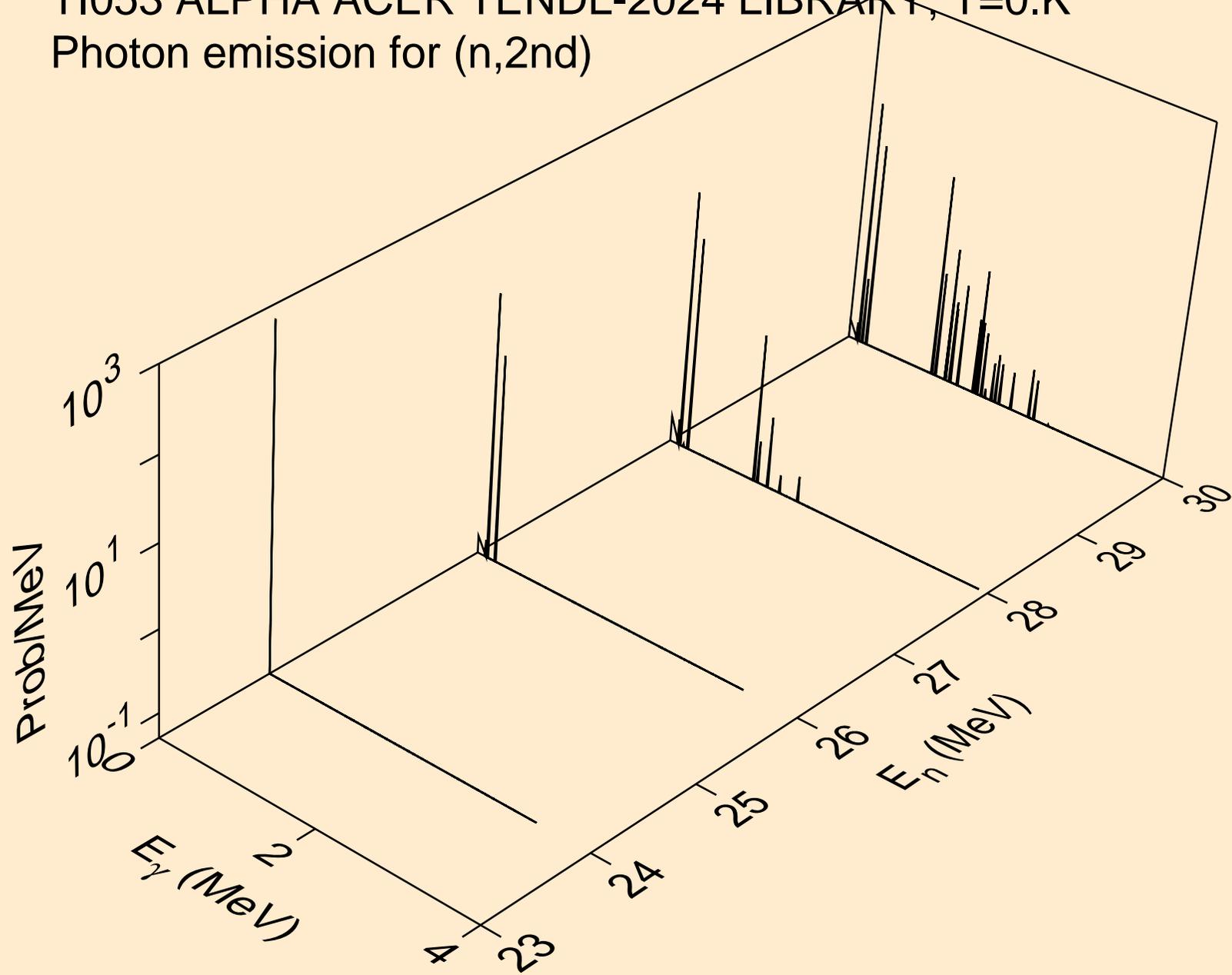
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,n)



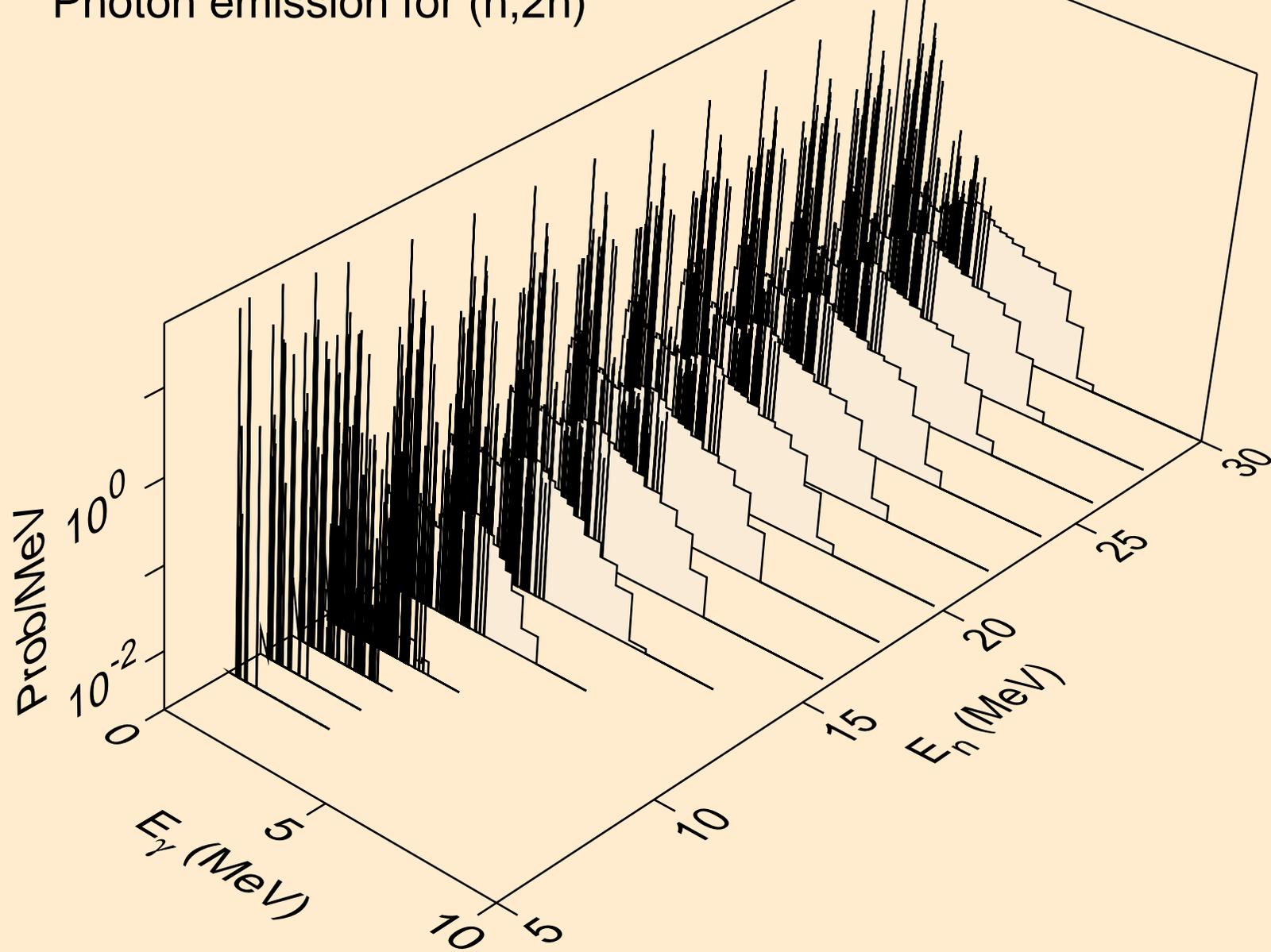
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (z,x)



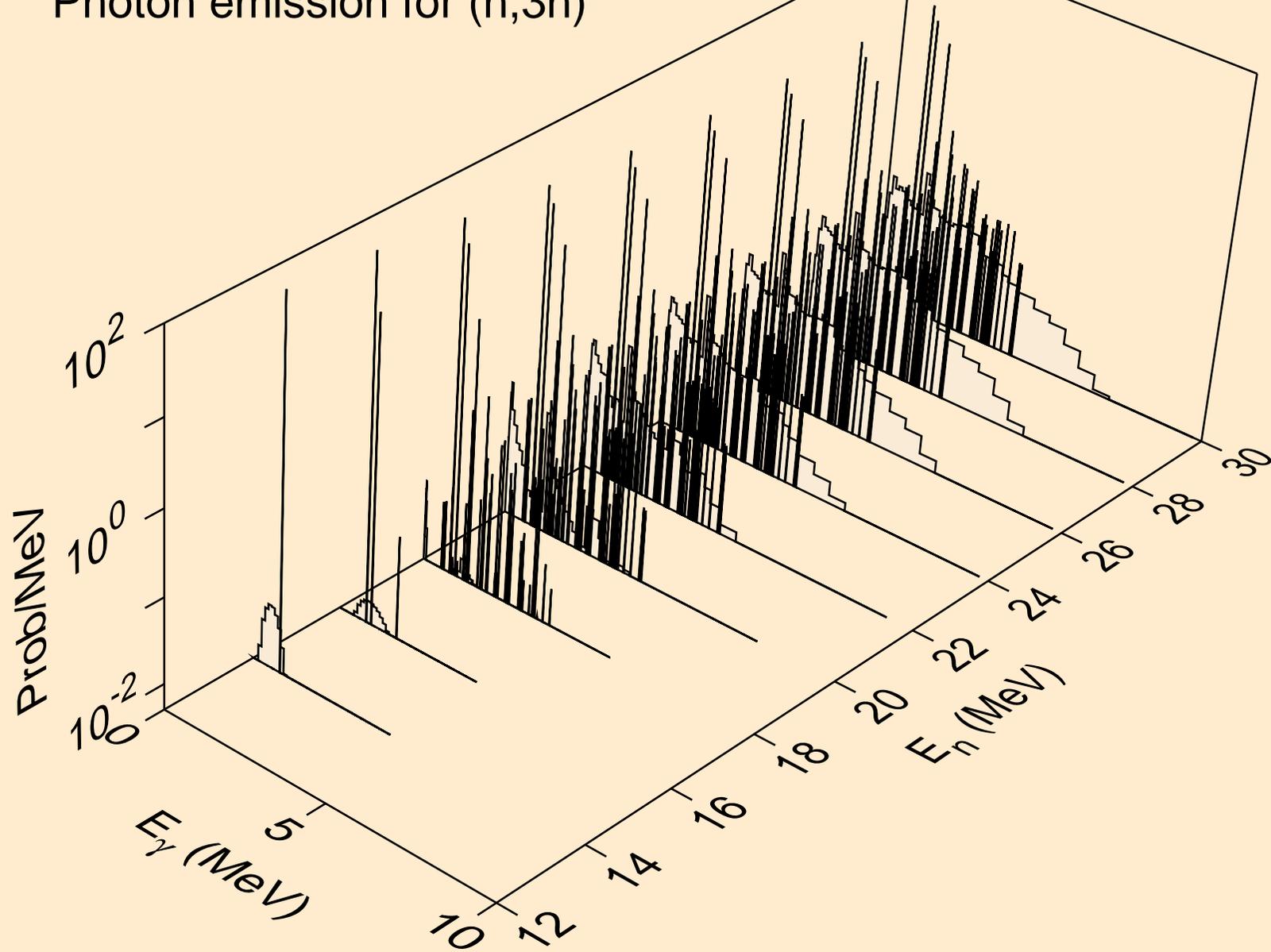
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2nd)



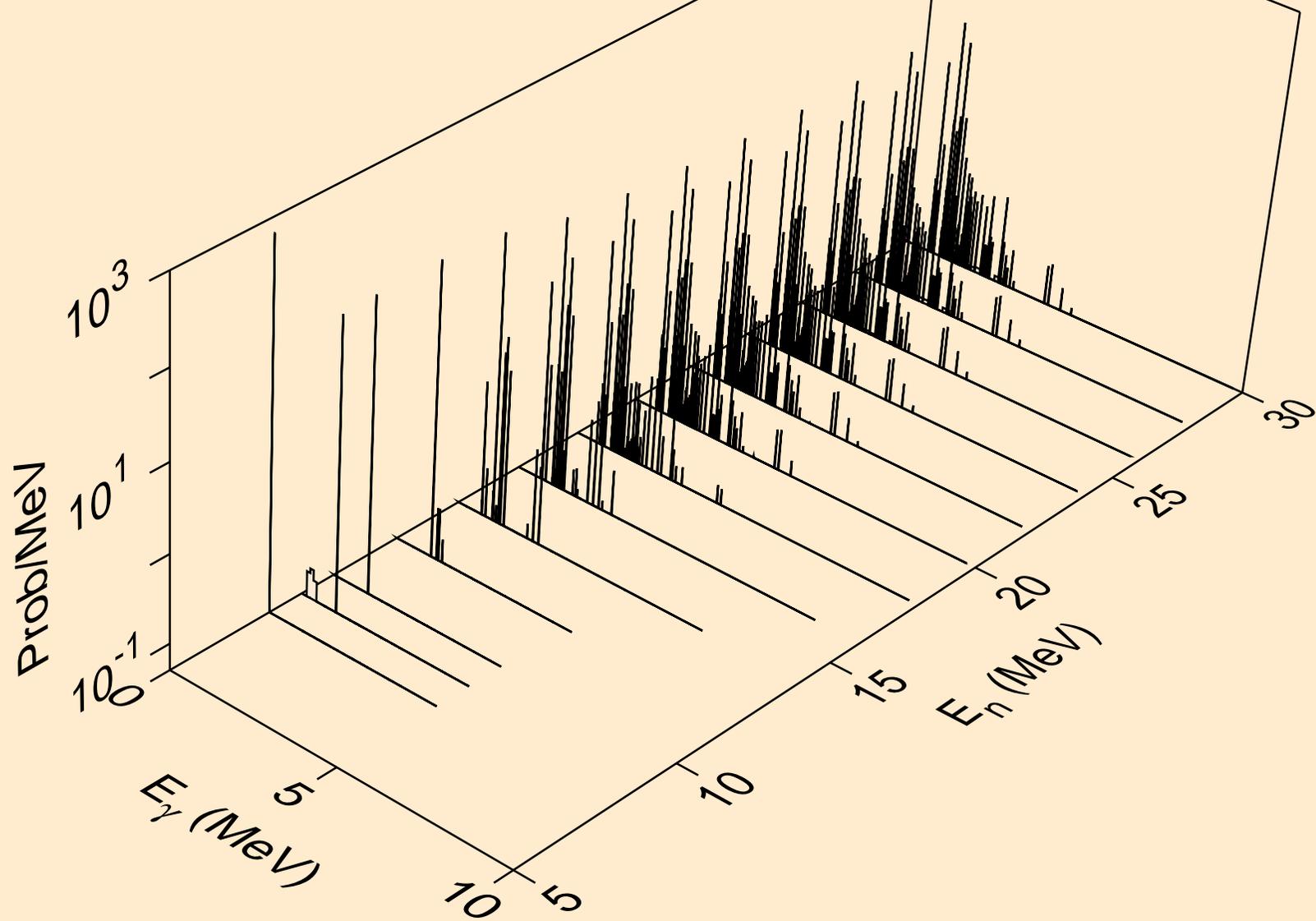
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)



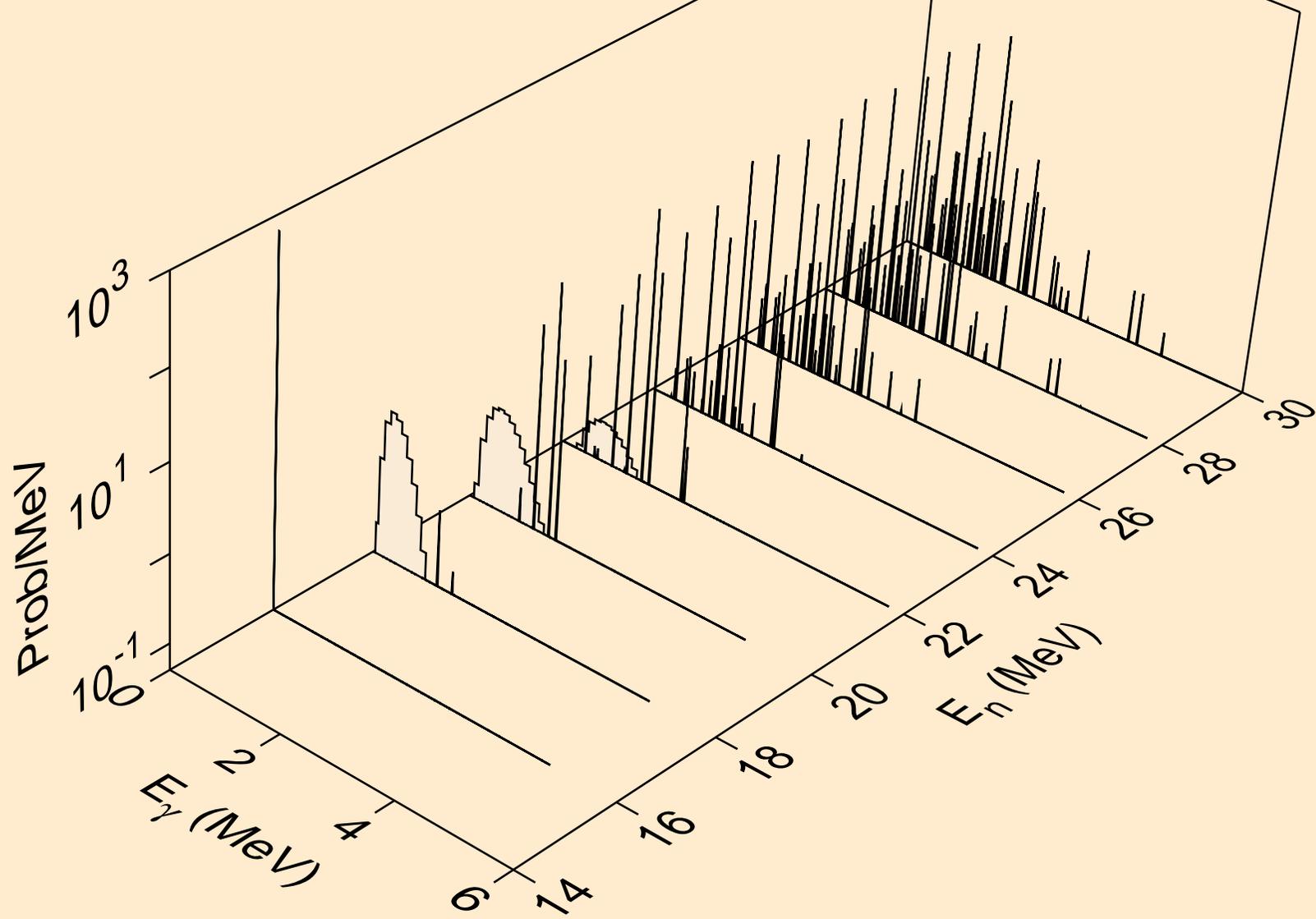
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3n)



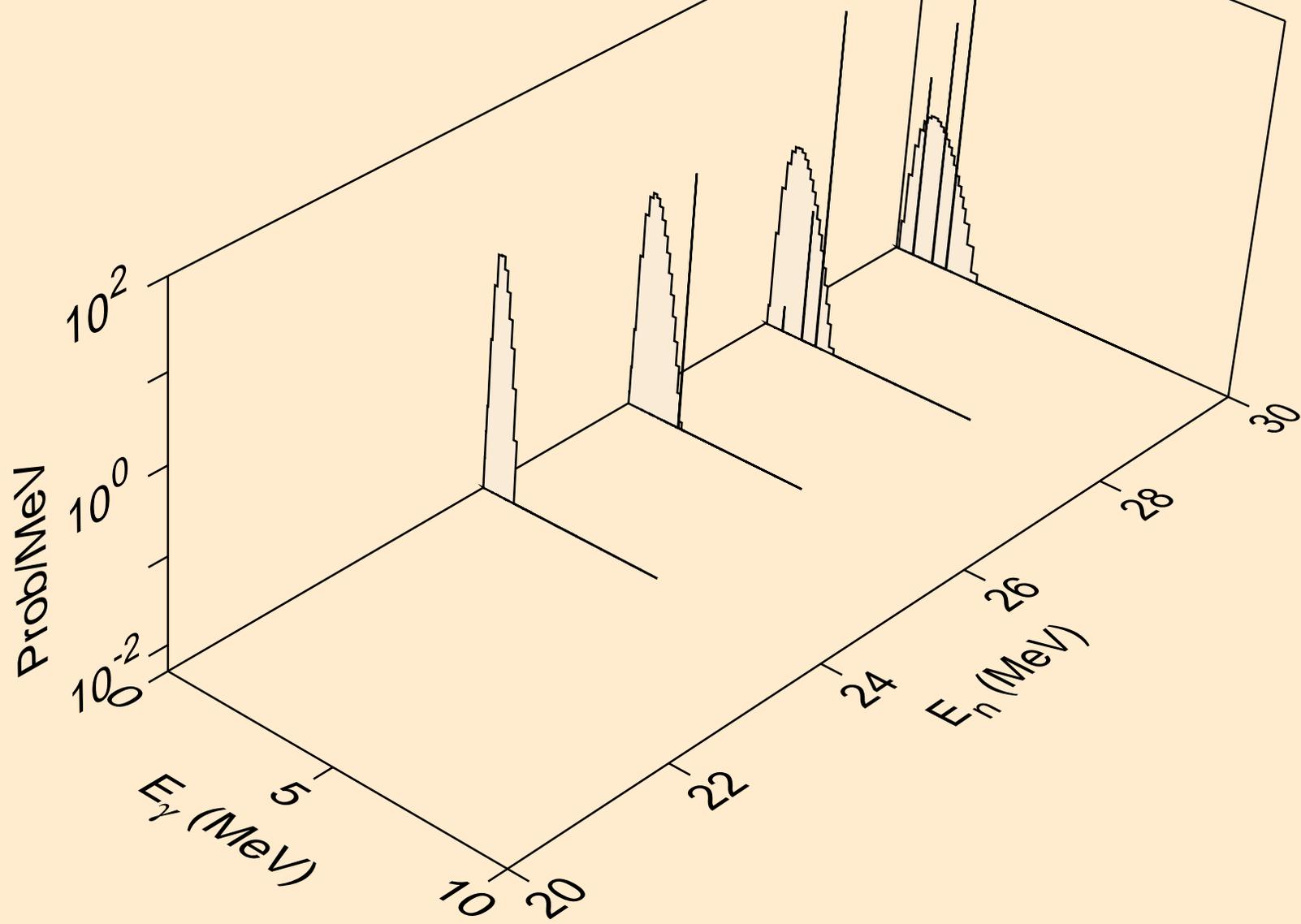
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)a



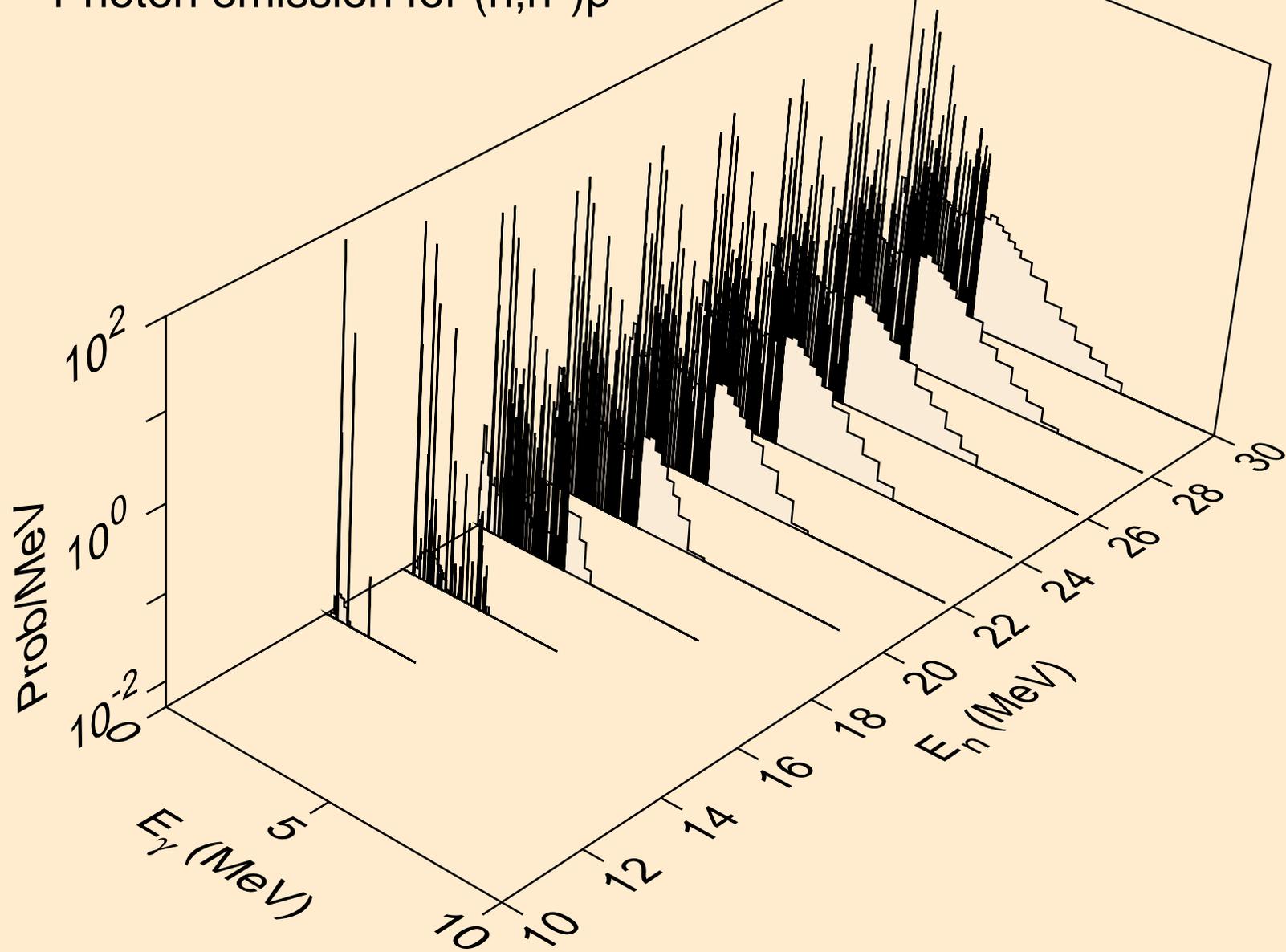
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2n)a



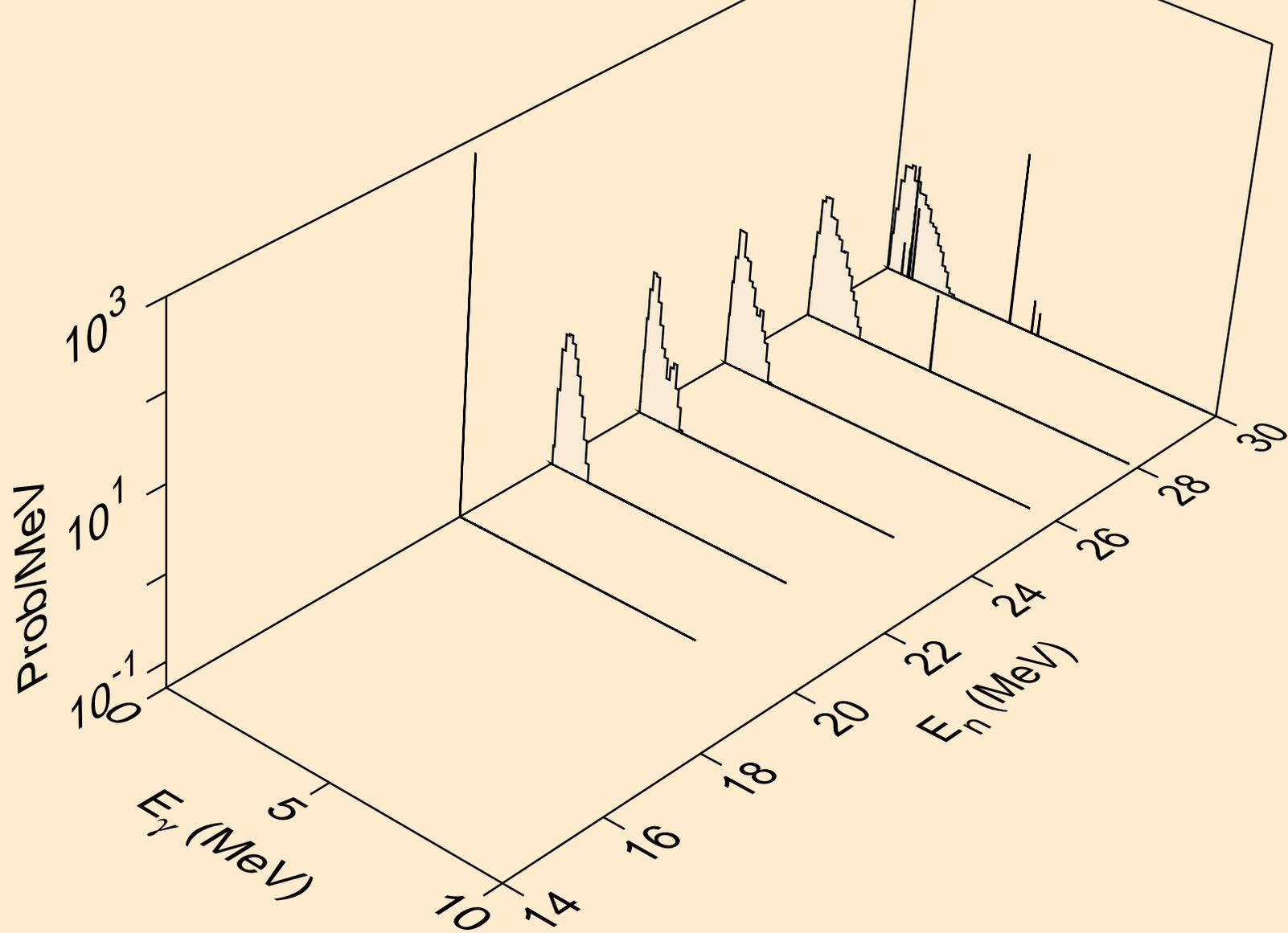
TI053 ALPHA ACER TENDL-2024 LIBRARY: T=0.K  
Photon emission for (n,3n)a



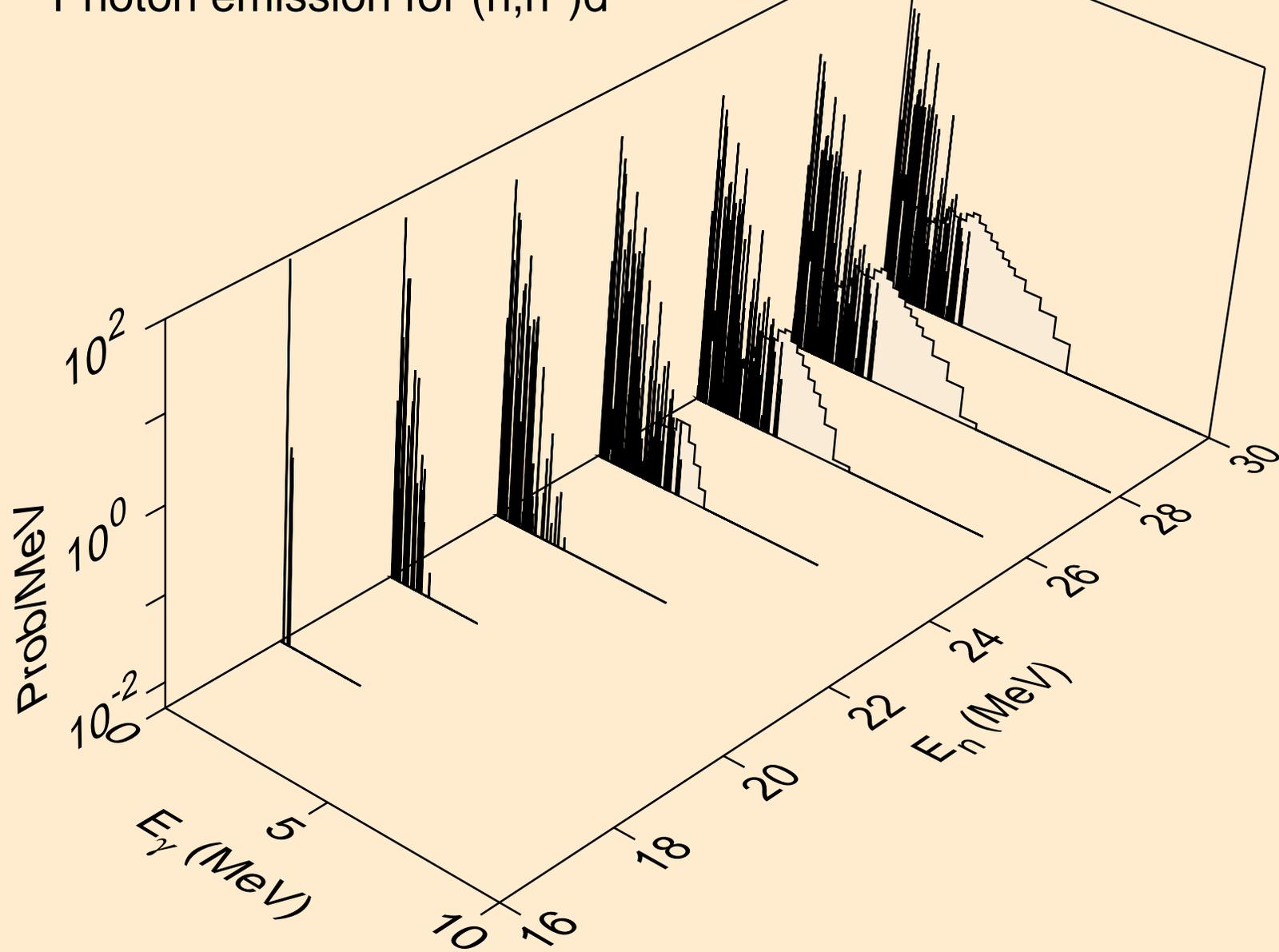
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)p



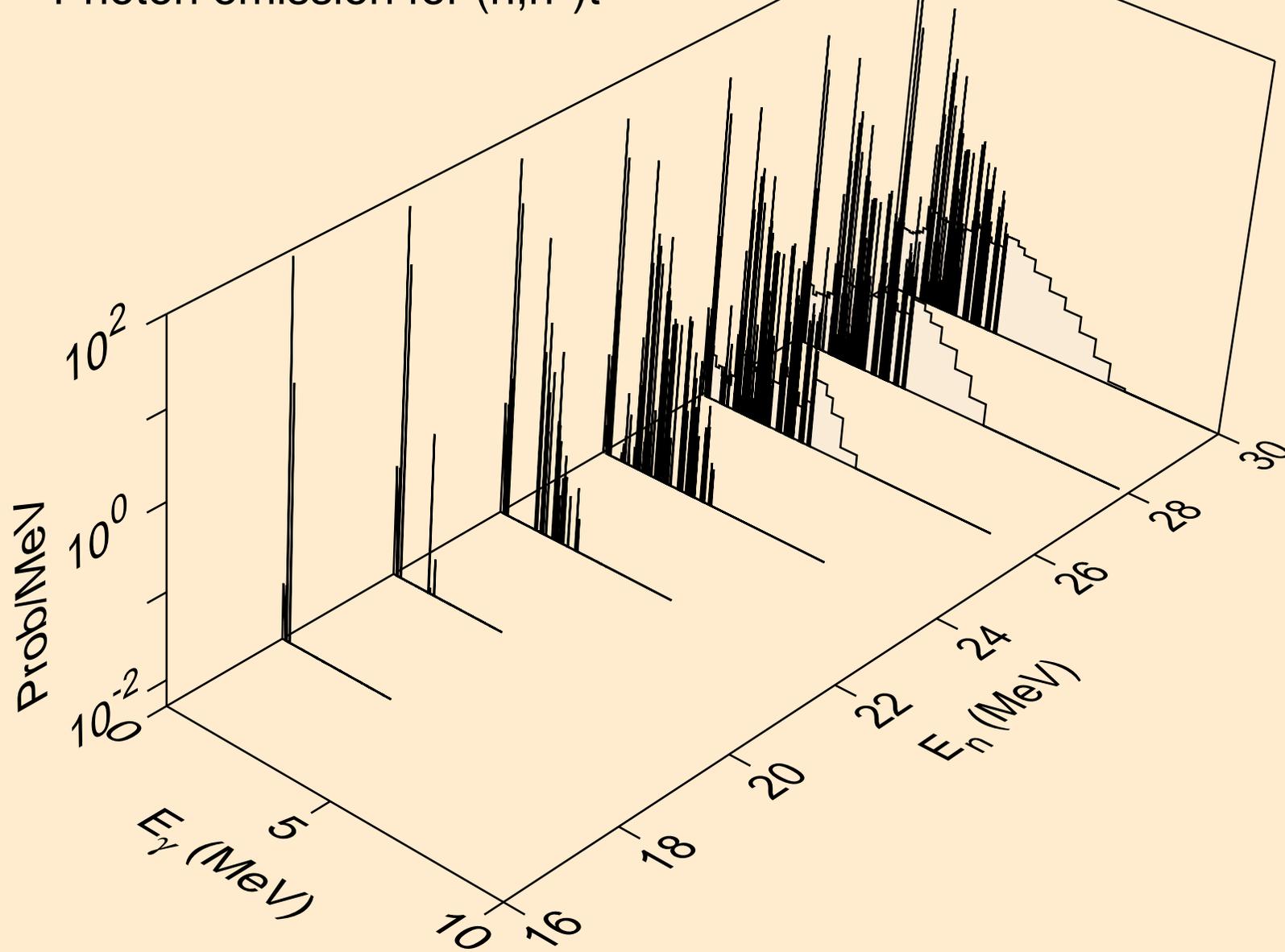
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)2a



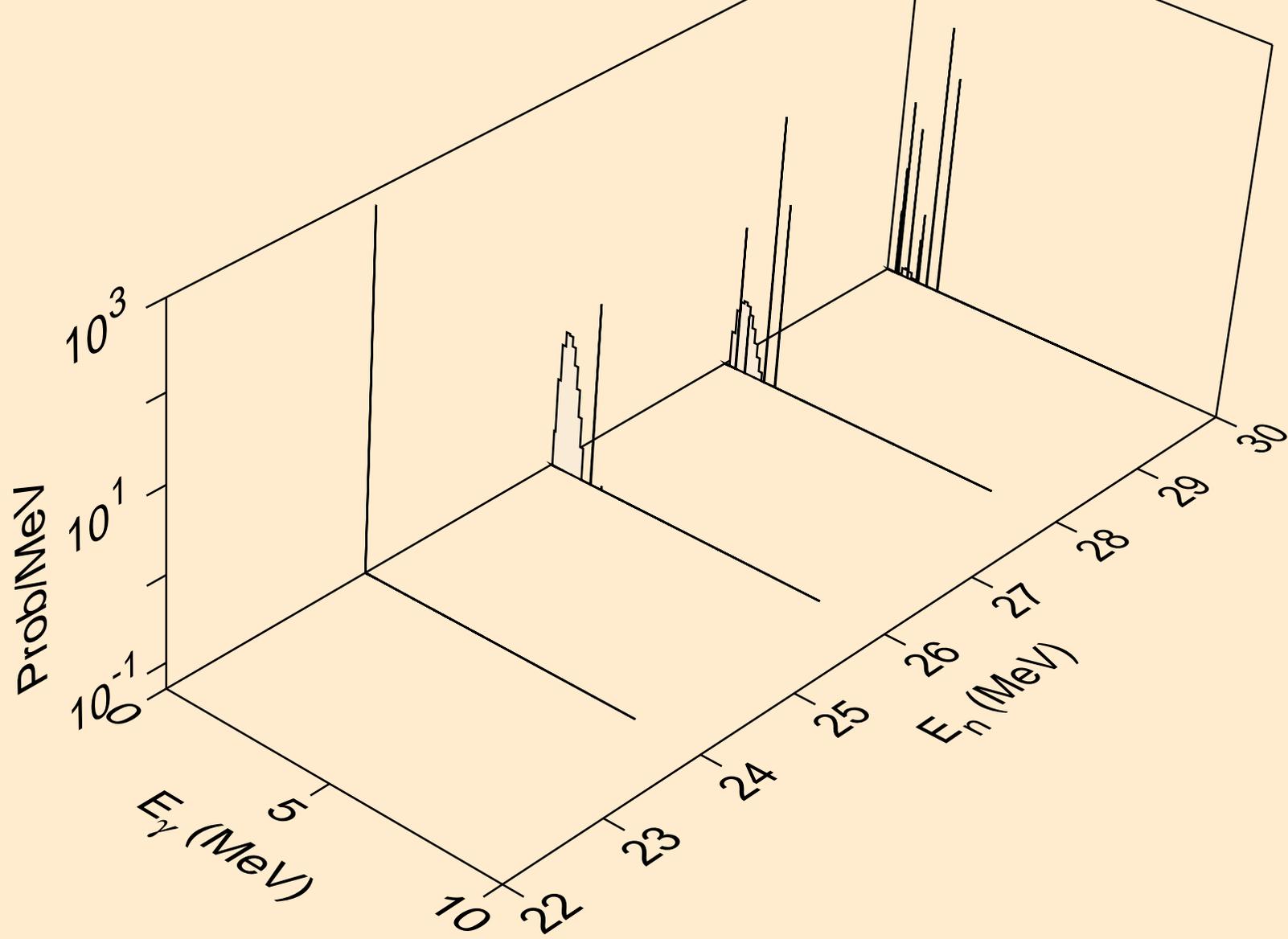
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)d



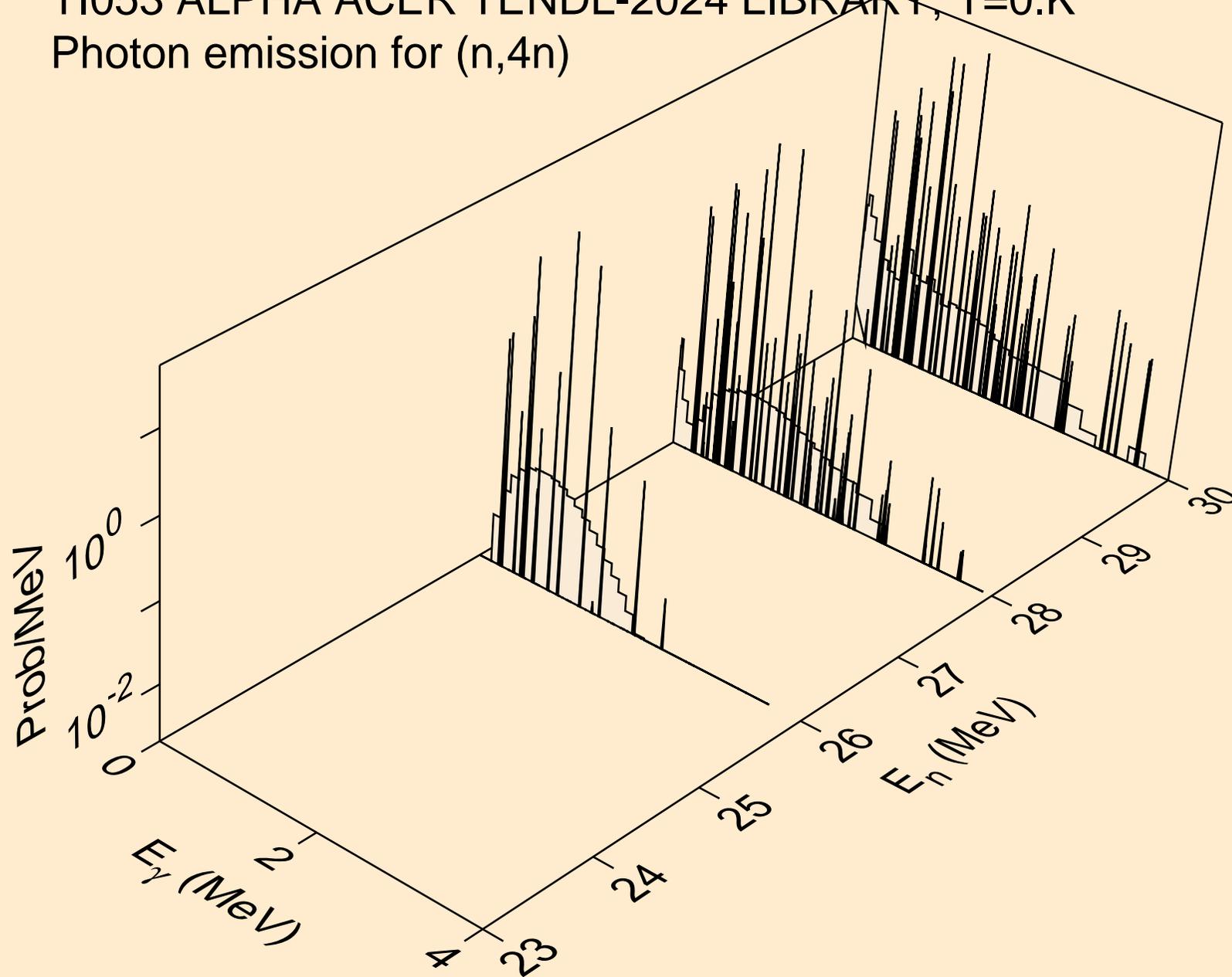
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)t



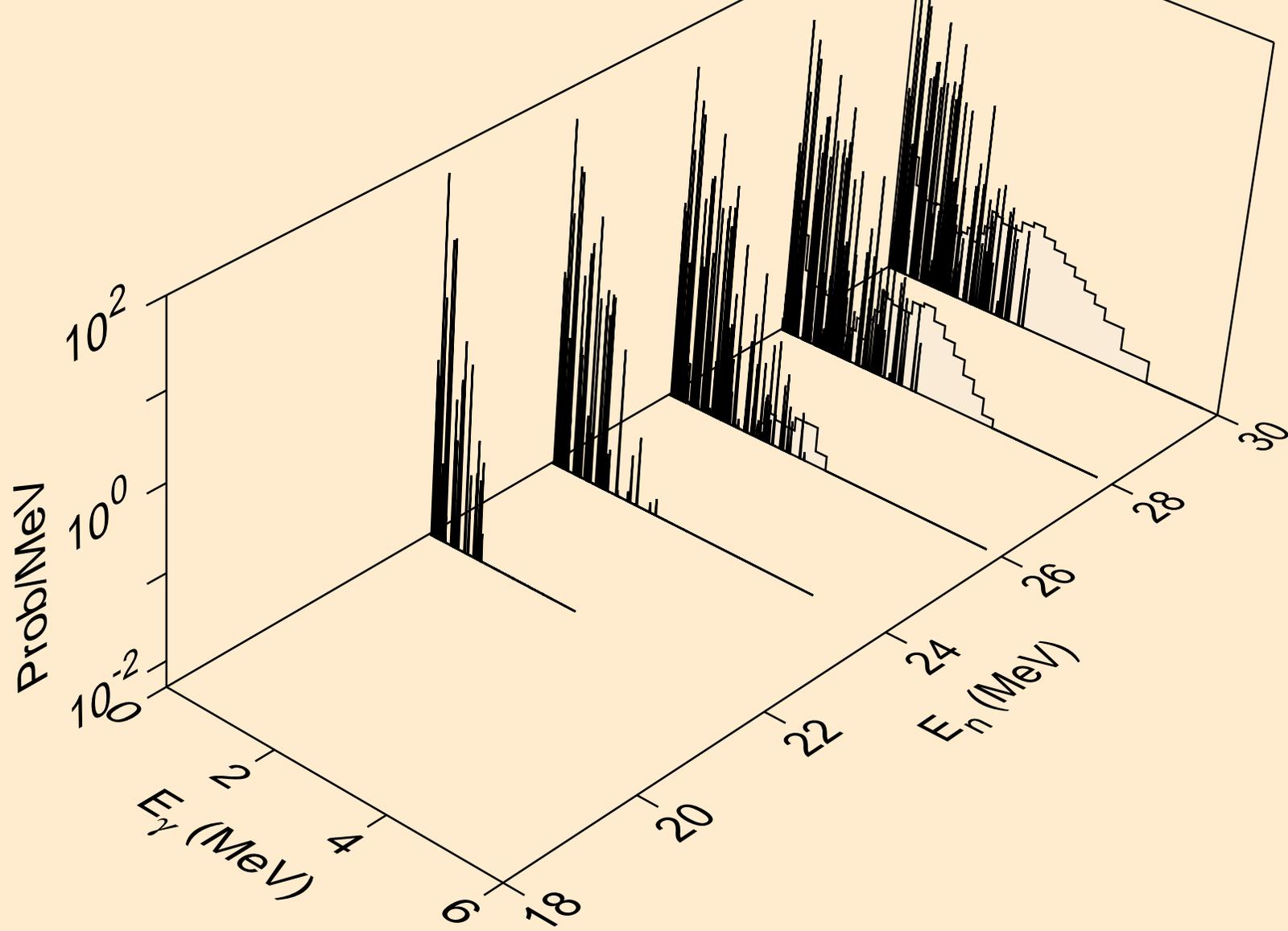
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n\*)he3



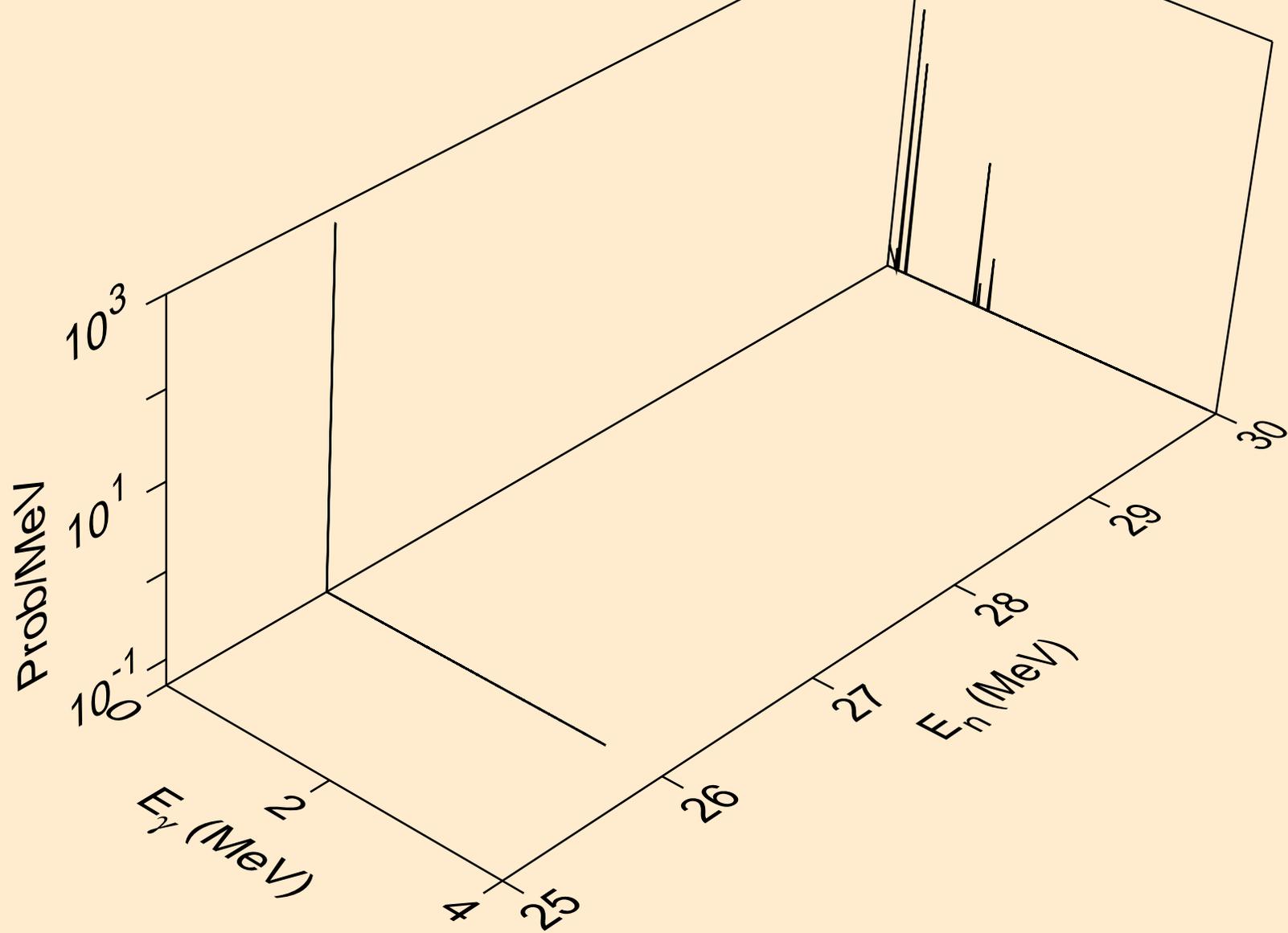
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,4n)



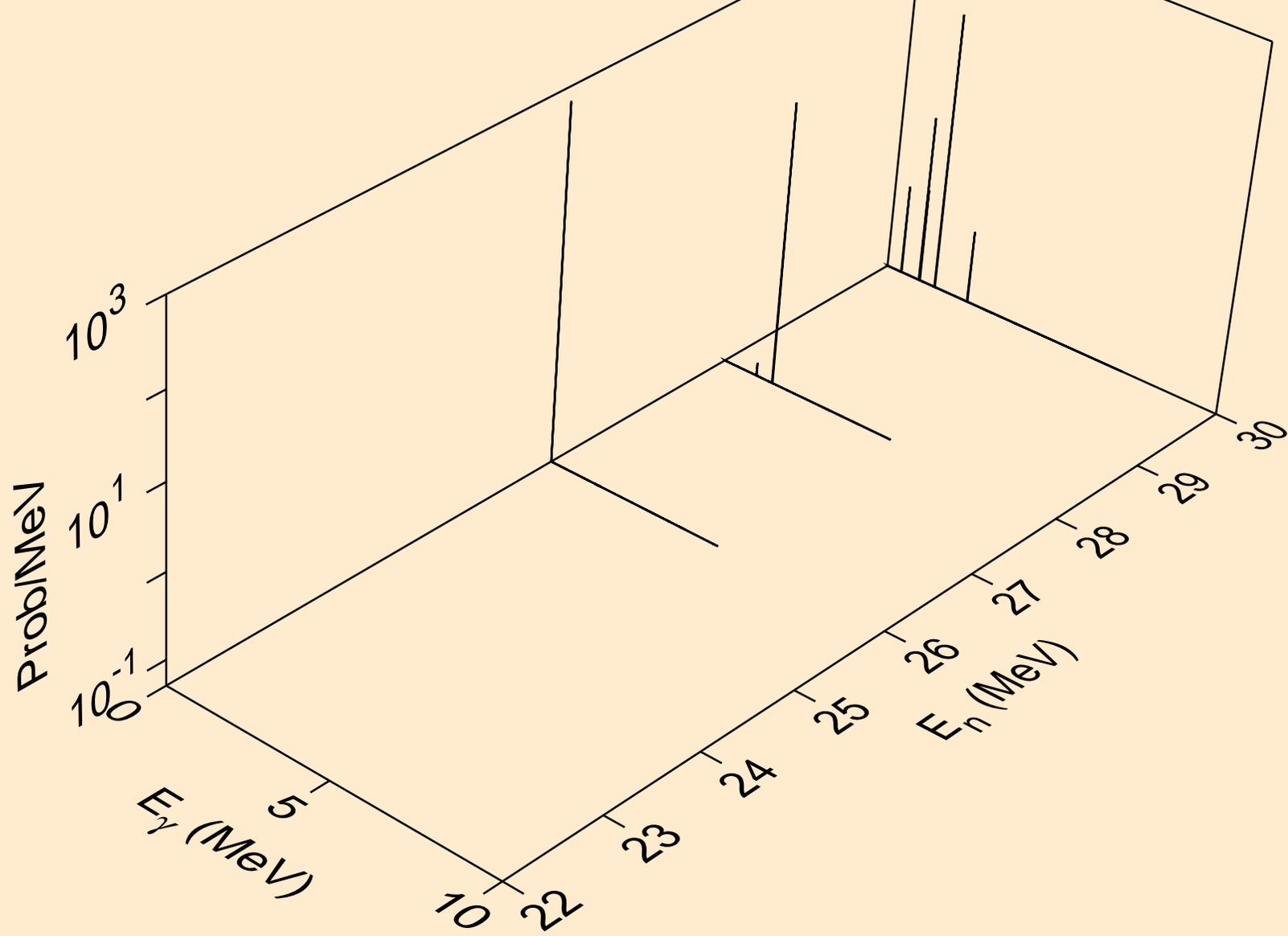
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2np)



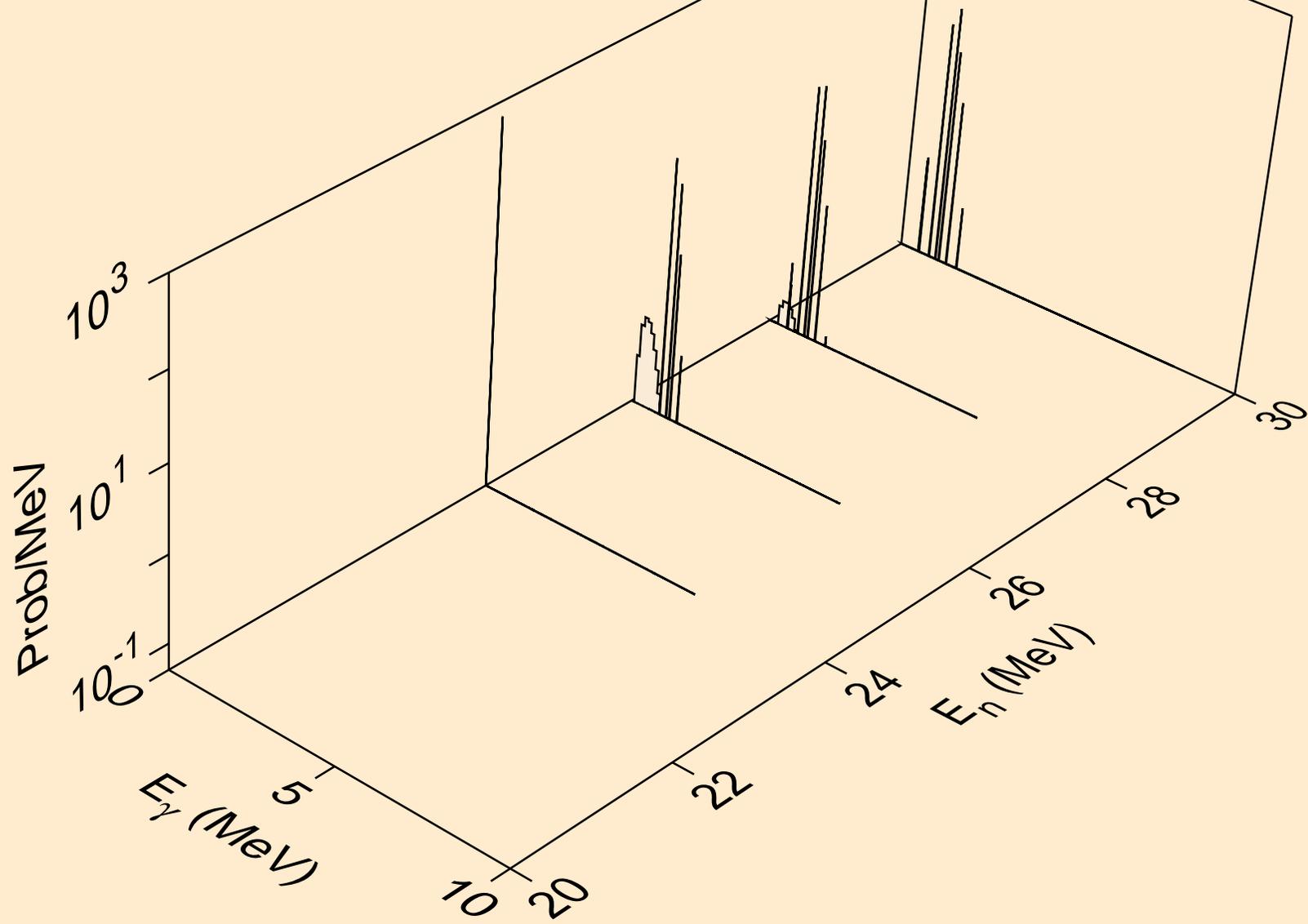
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,3np)



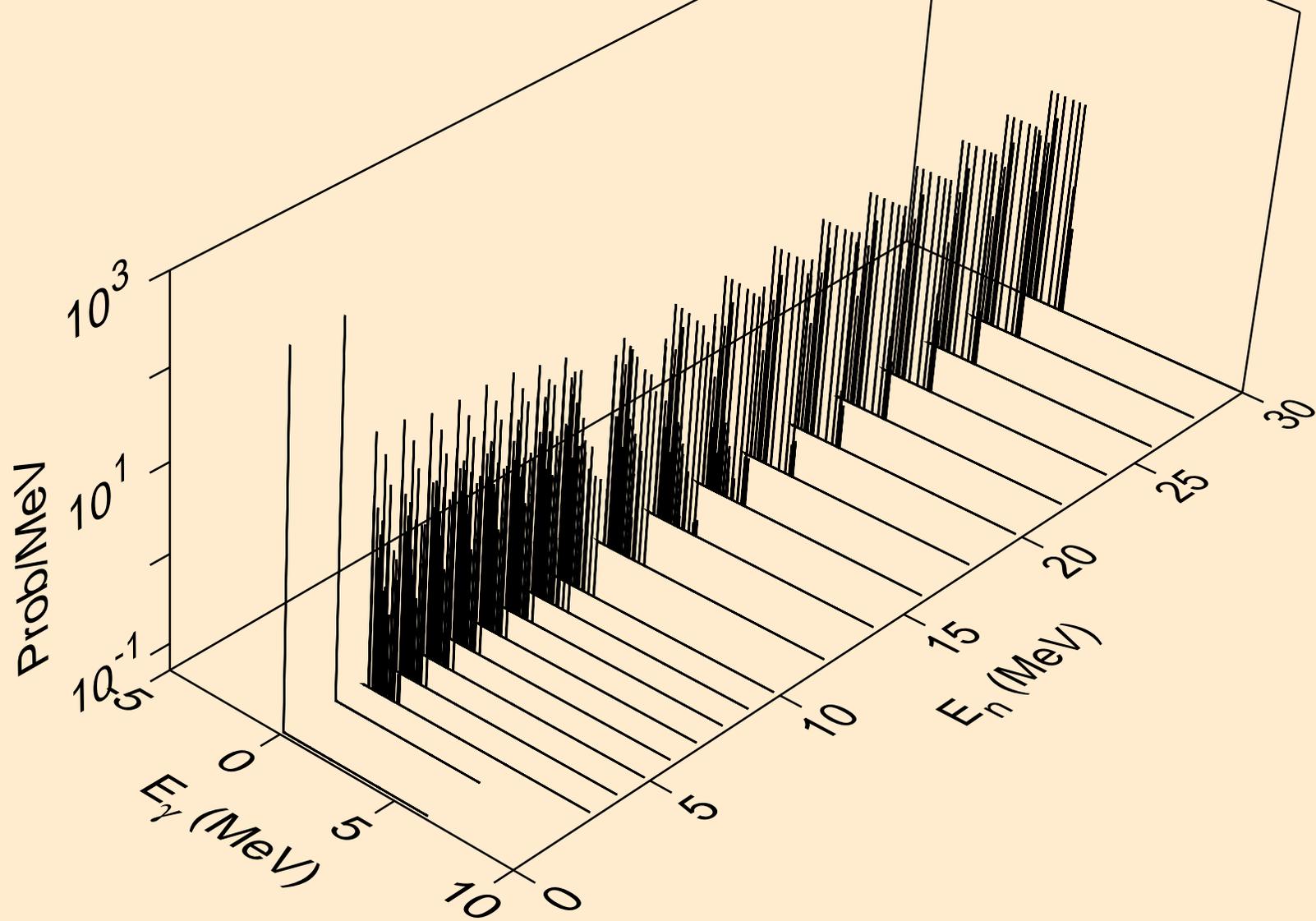
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,n2p)



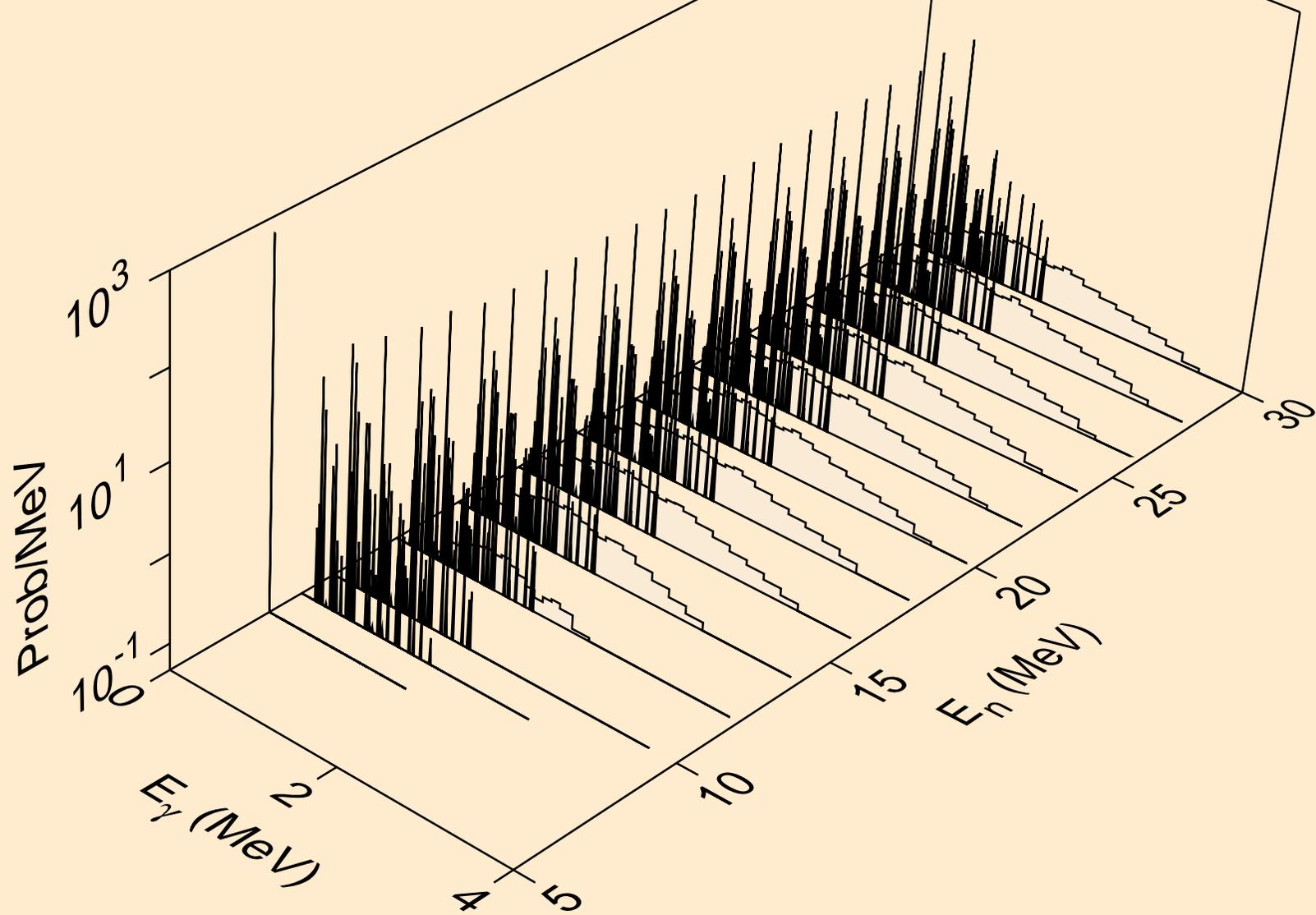
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,npa)



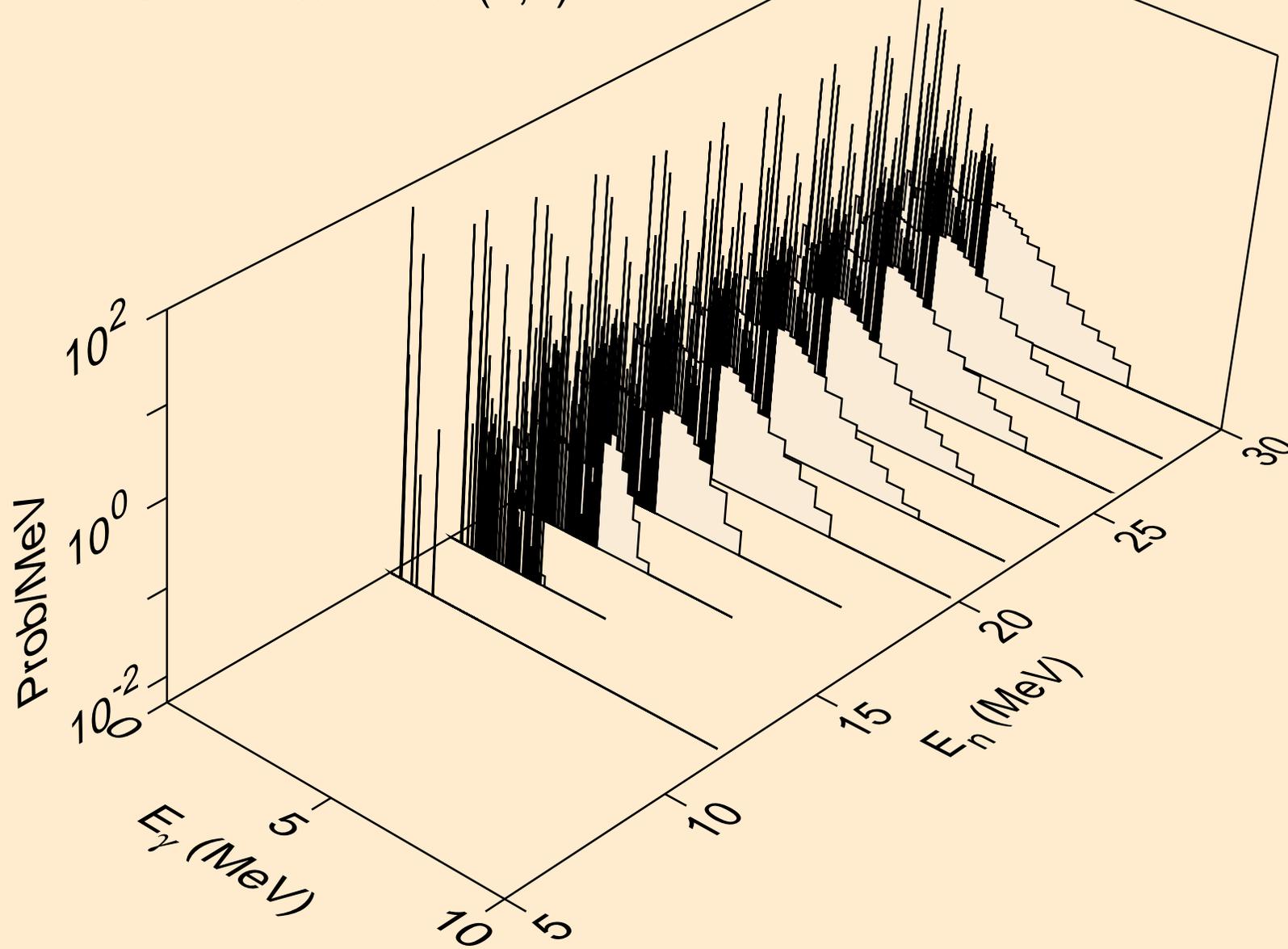
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,gma)



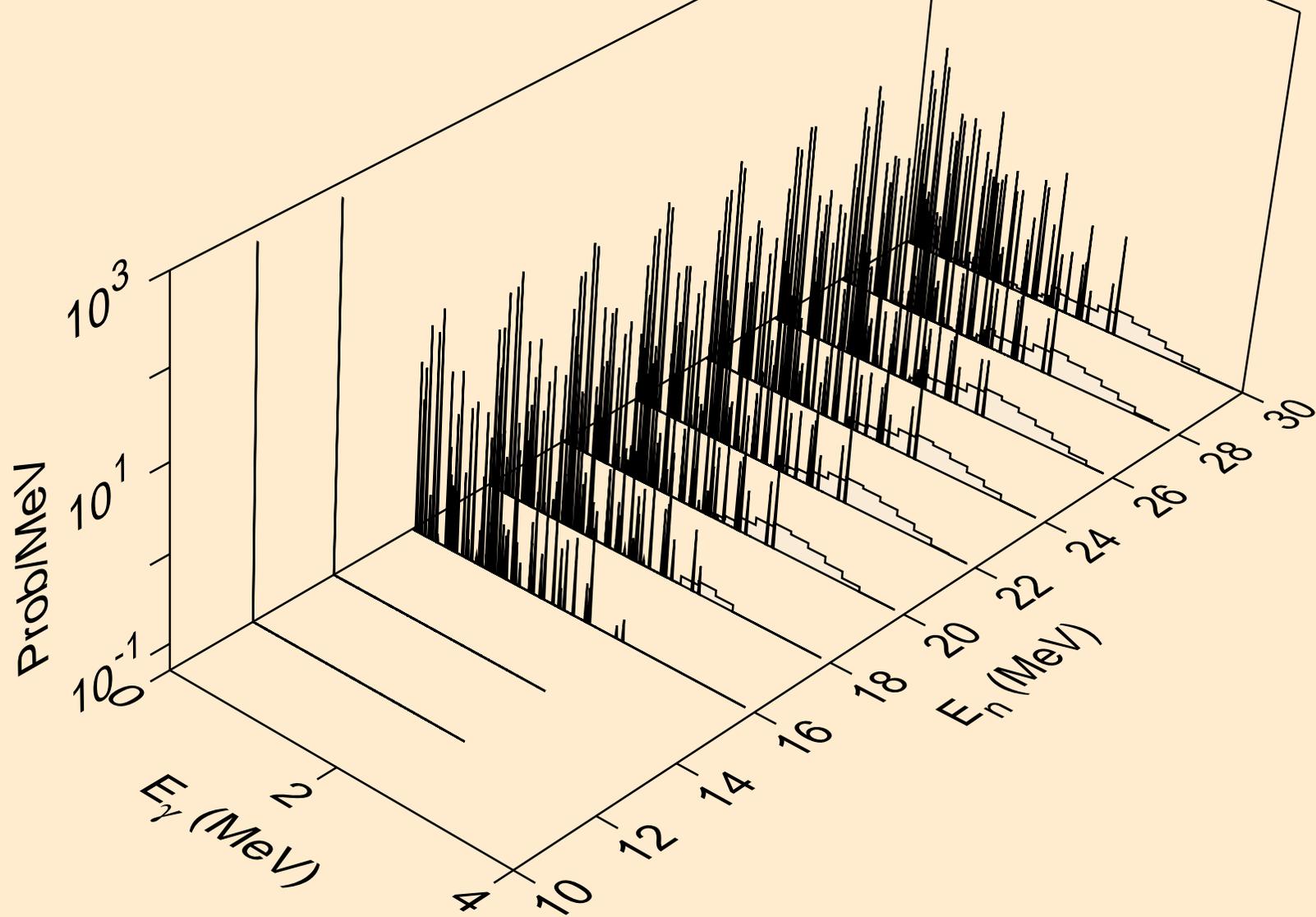
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,p)



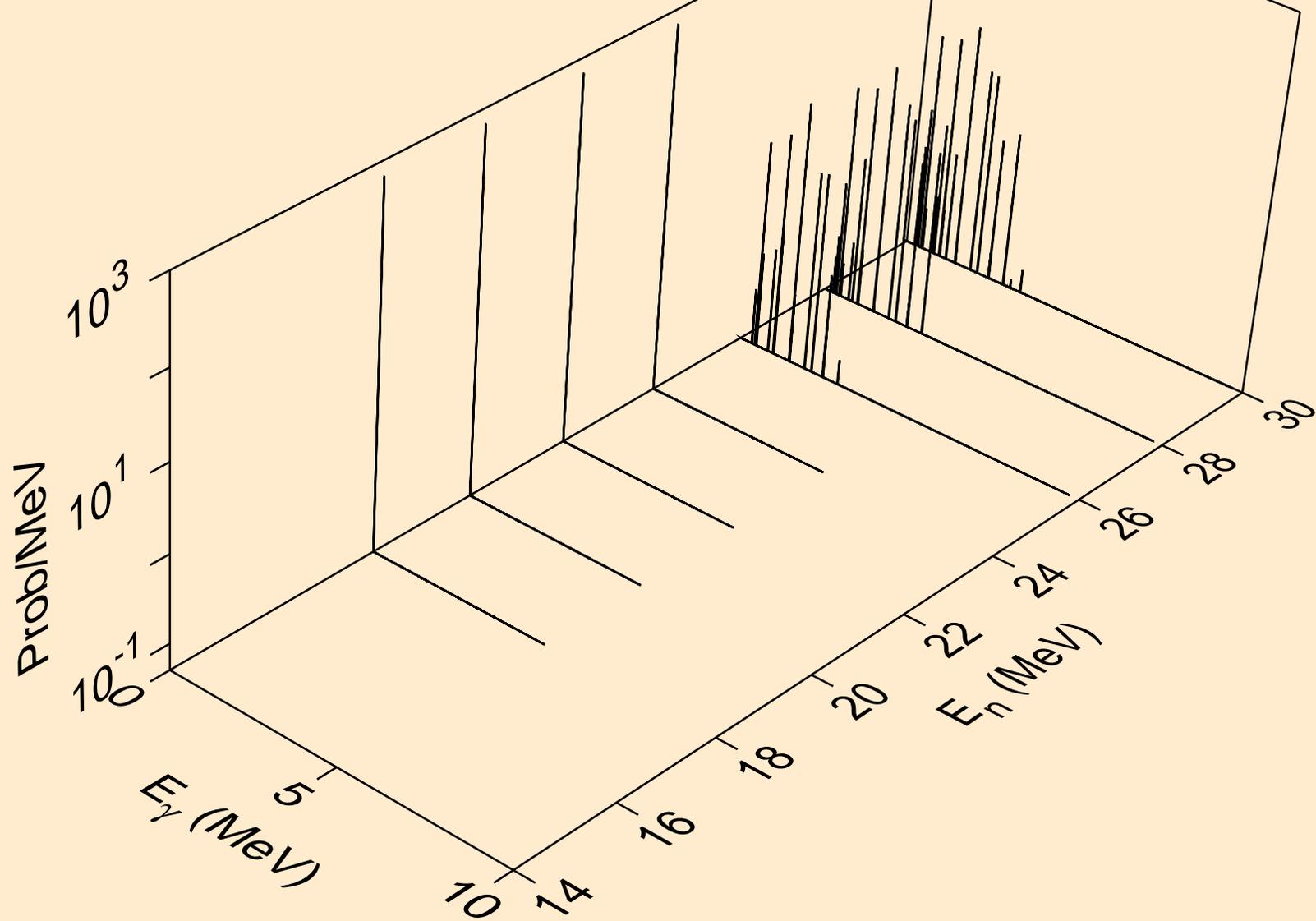
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,d)



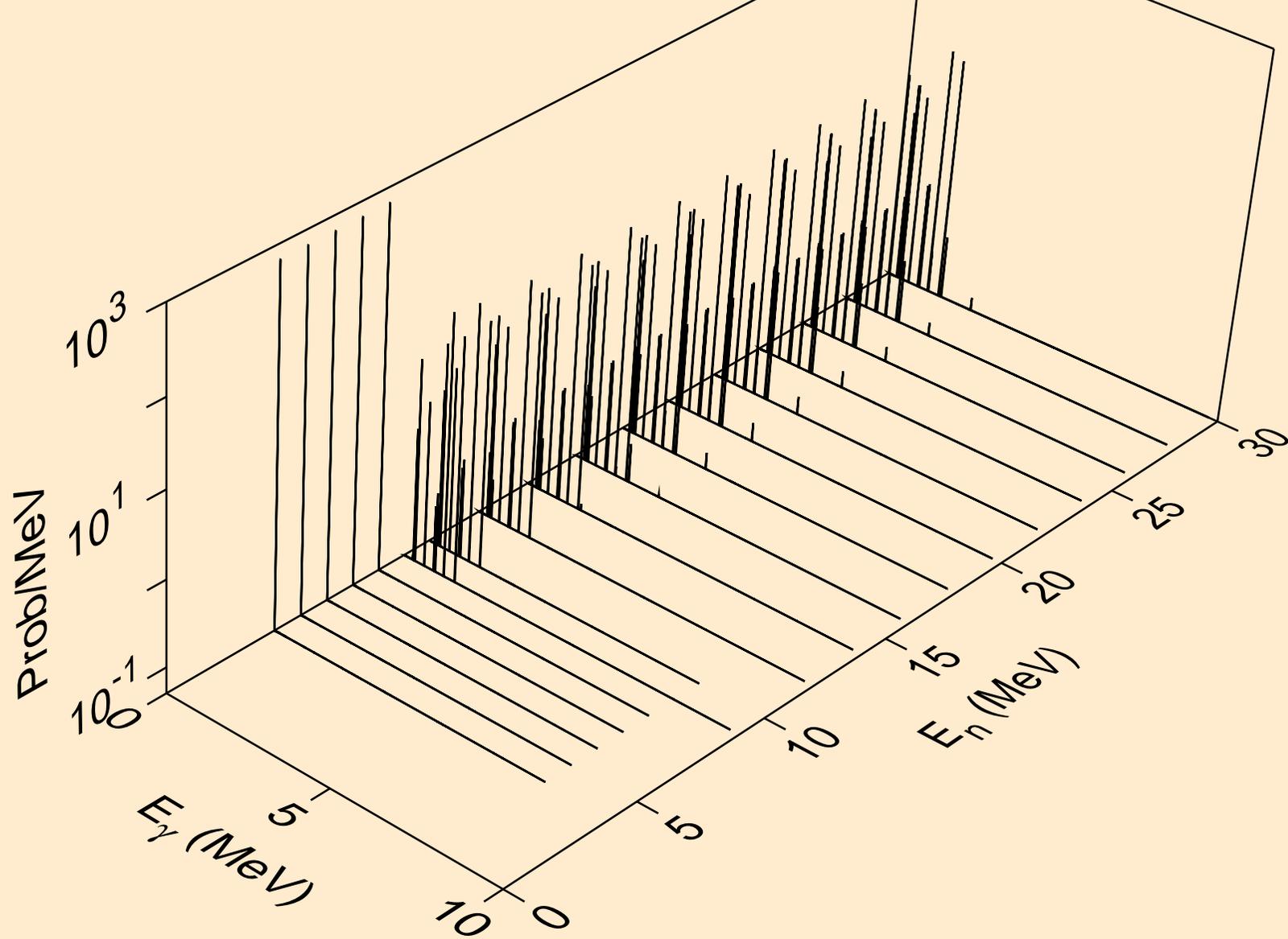
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,t)



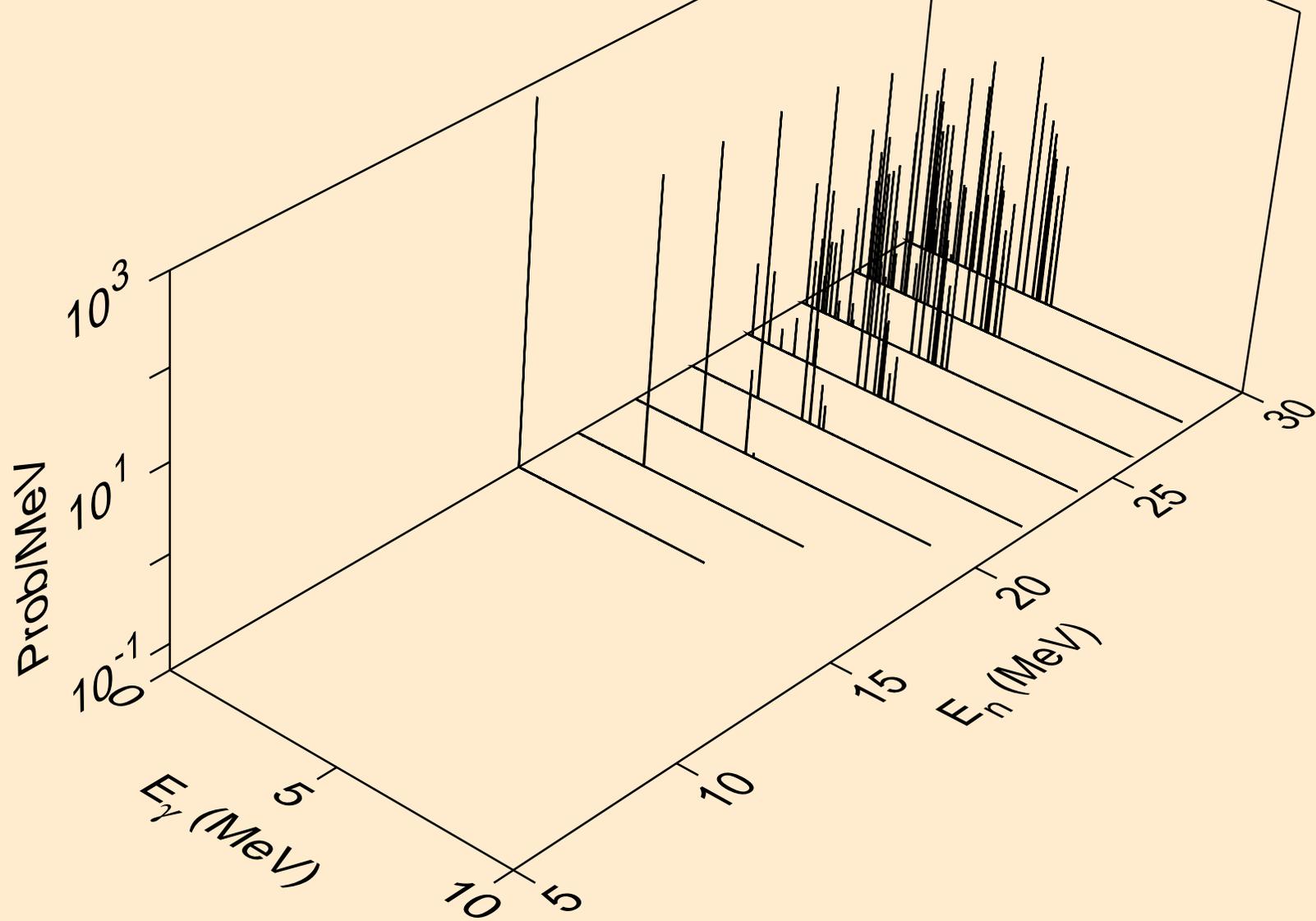
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,he3)



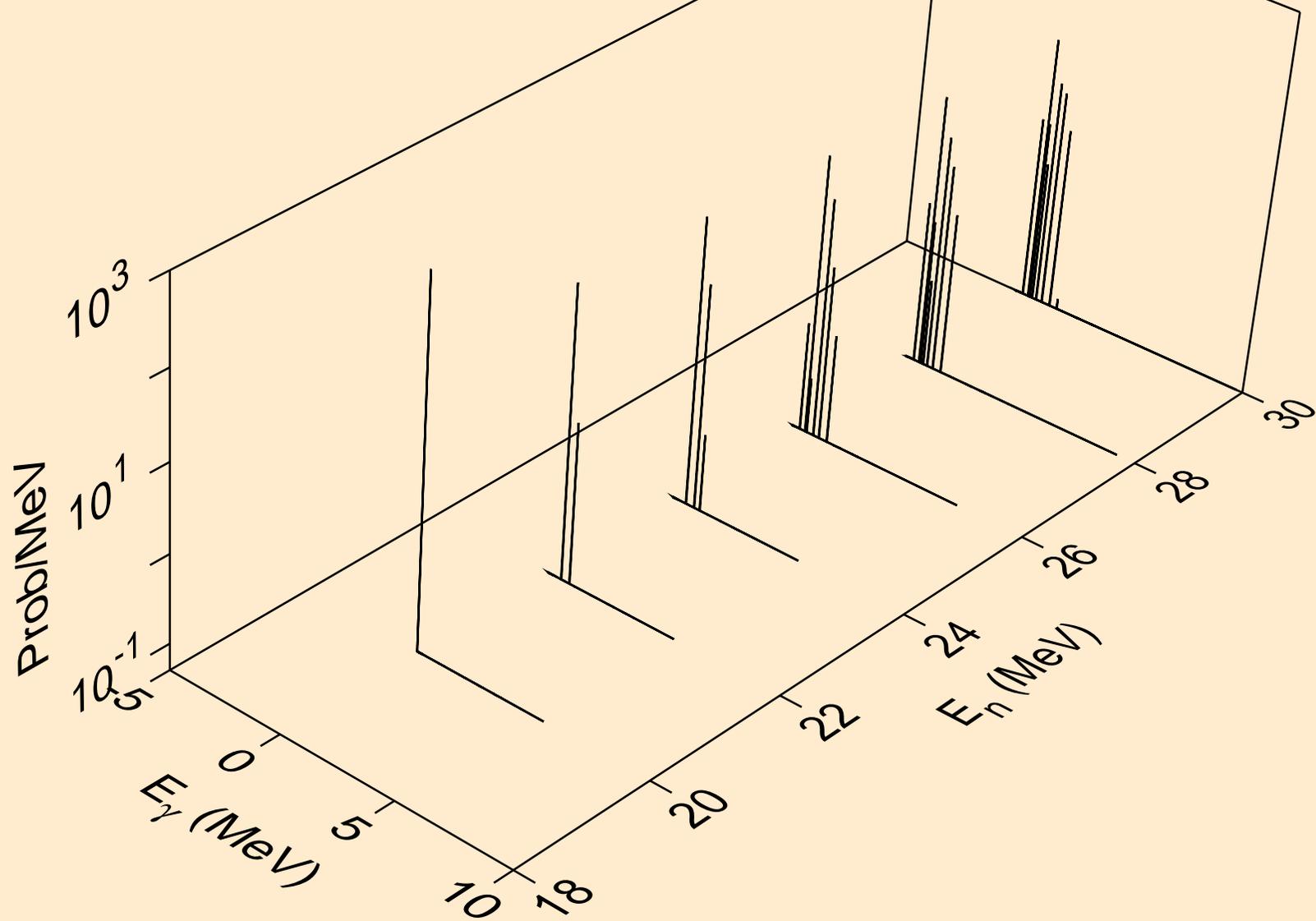
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for inelastic



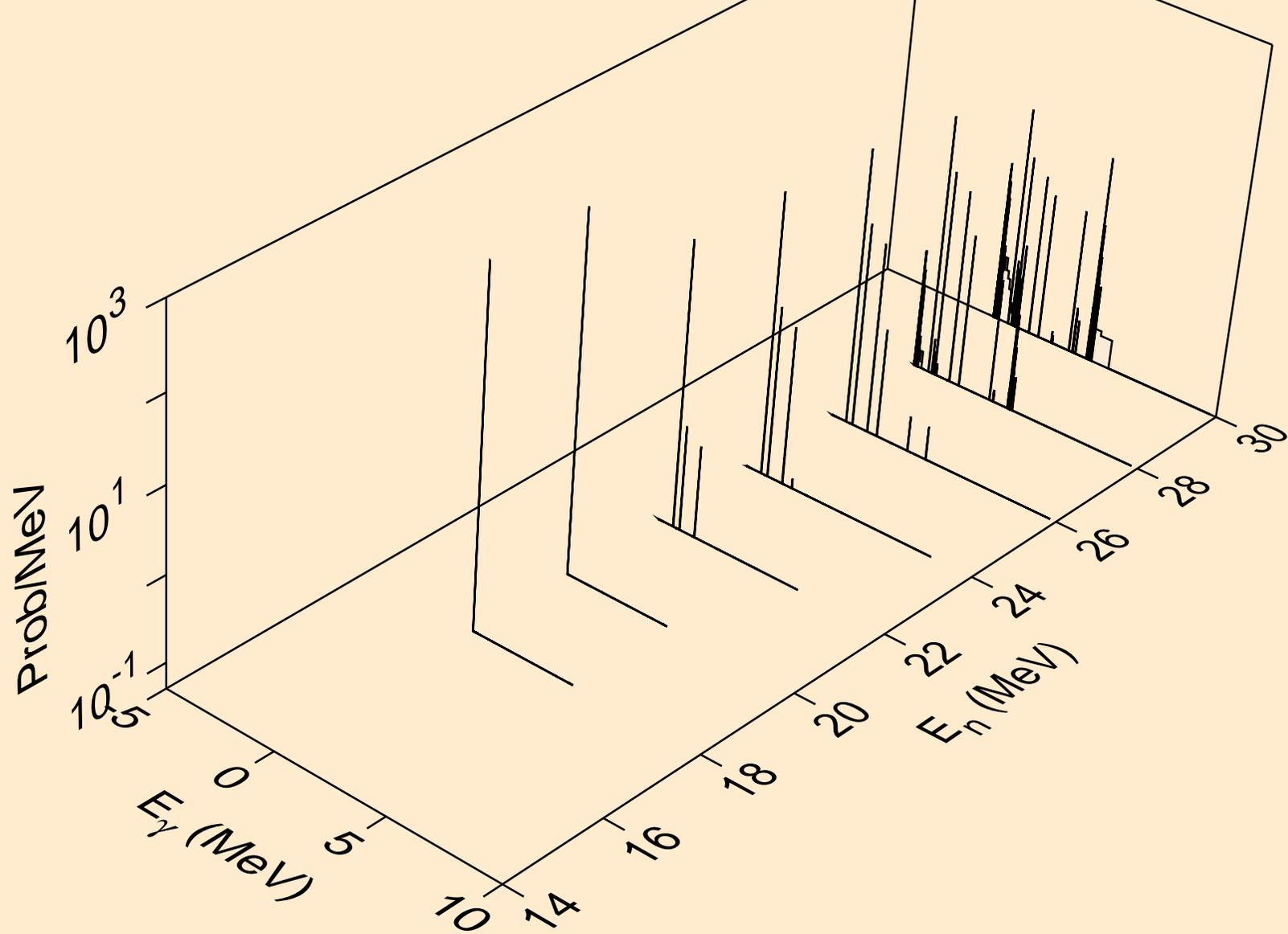
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2a)



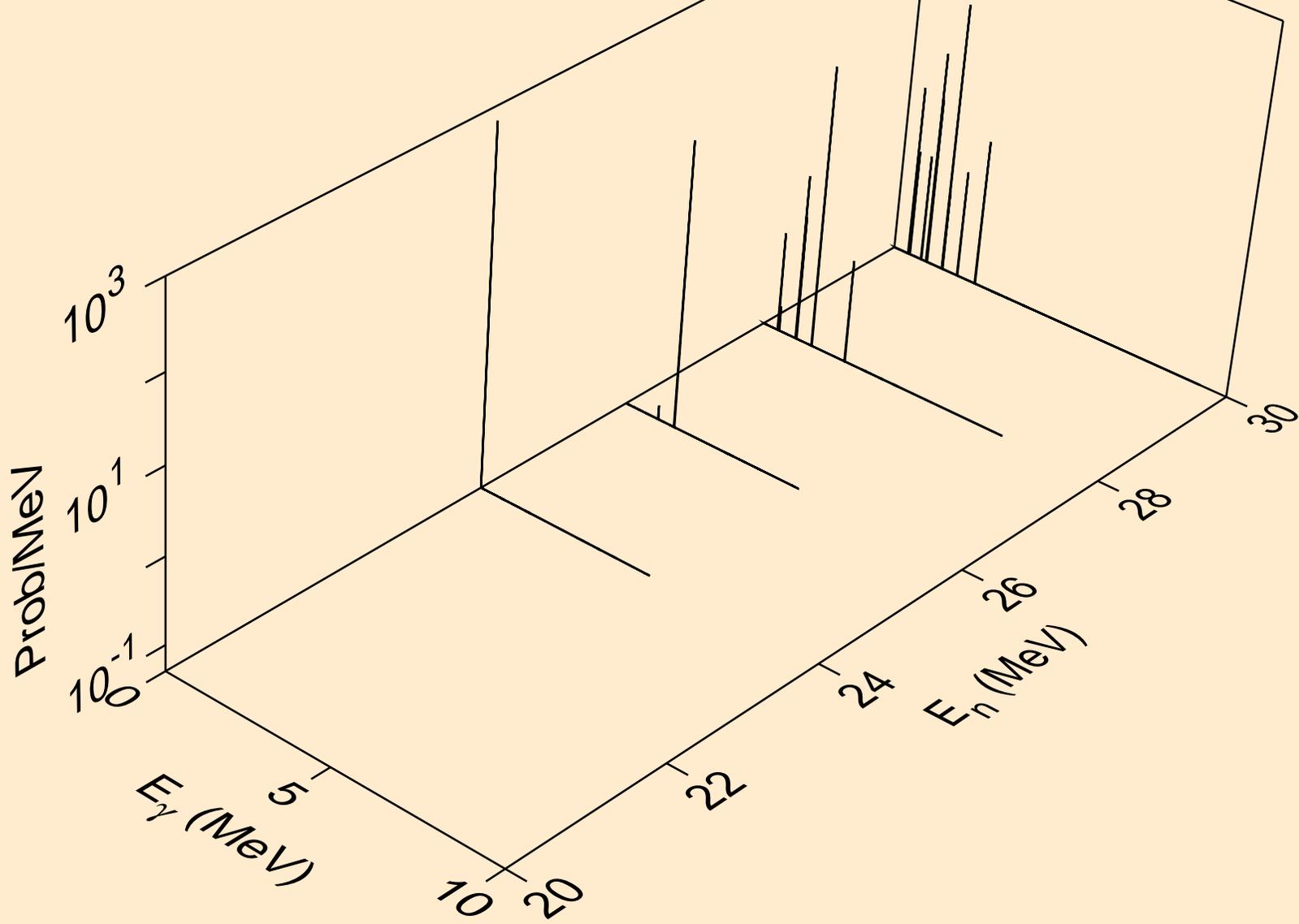
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,2p)



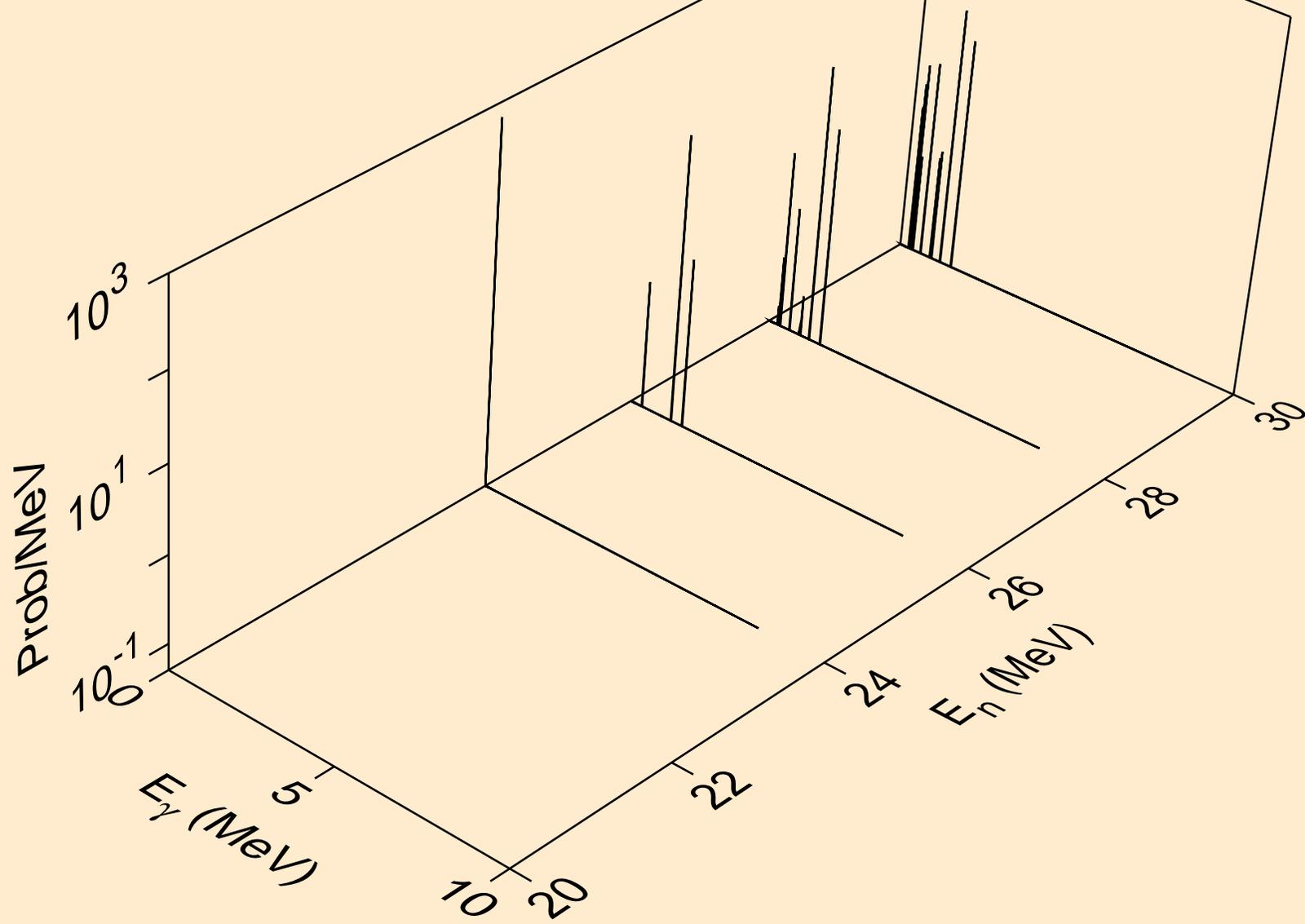
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pa)



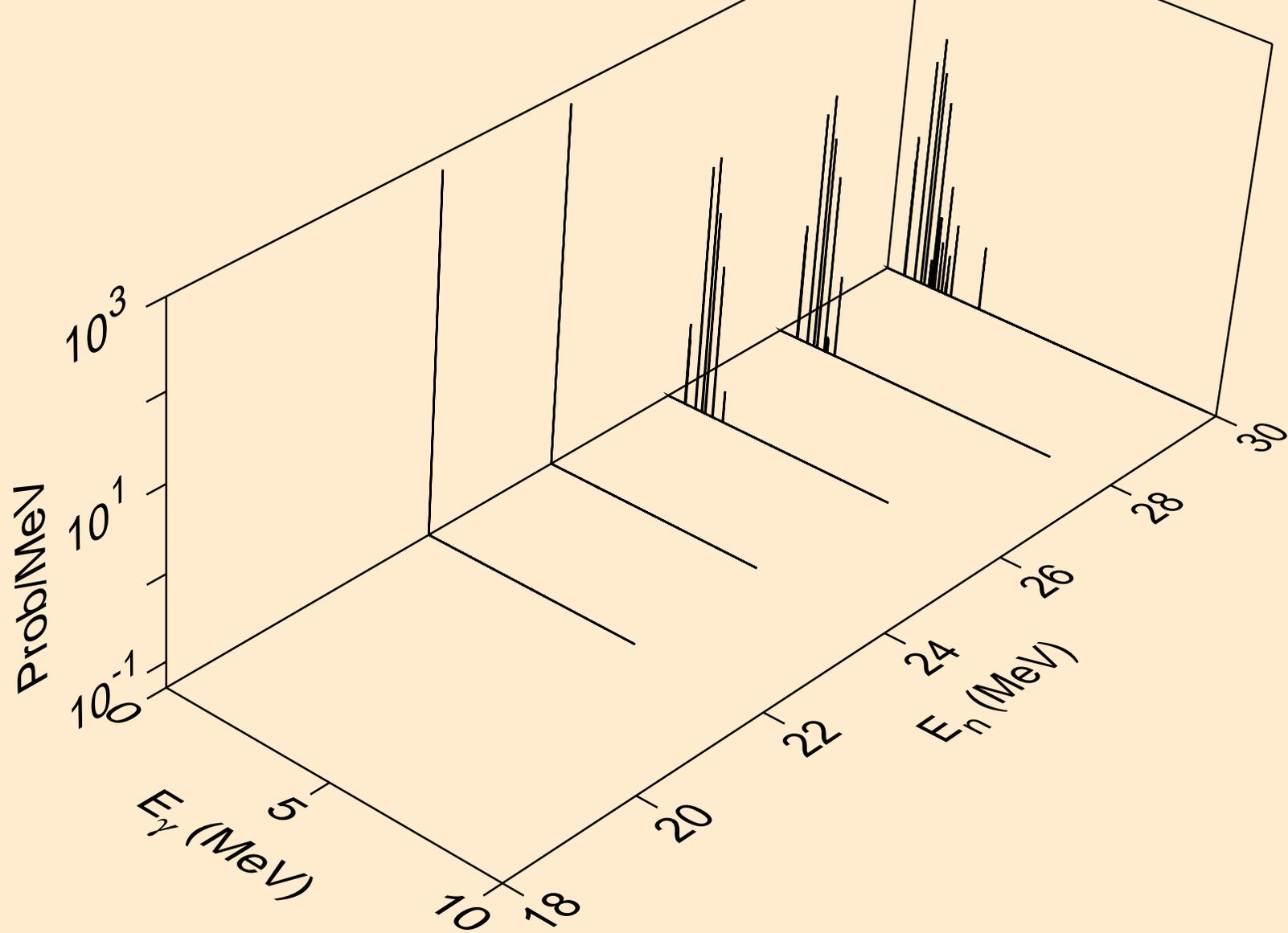
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pd)



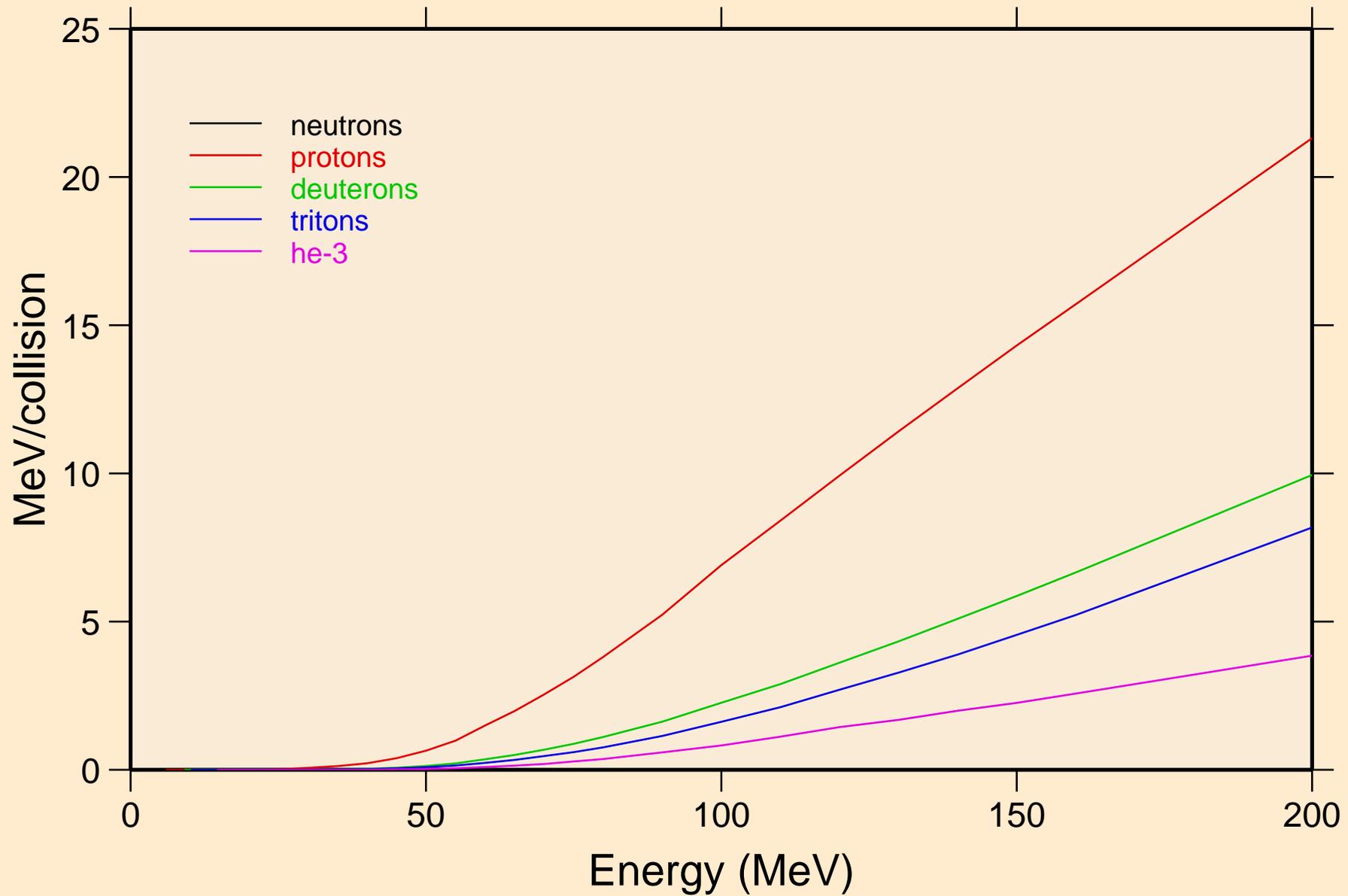
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,pt)



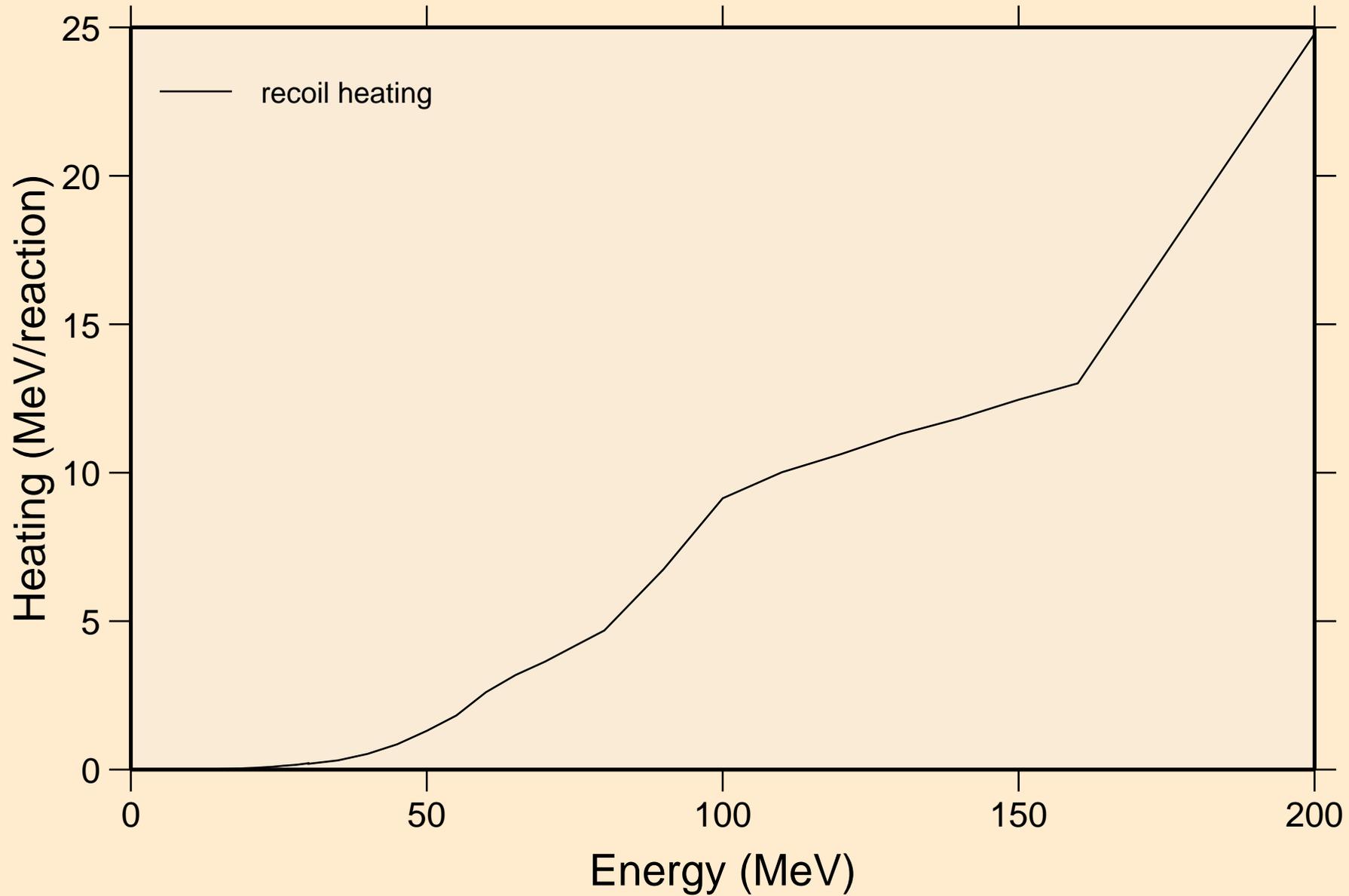
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Photon emission for (n,da)



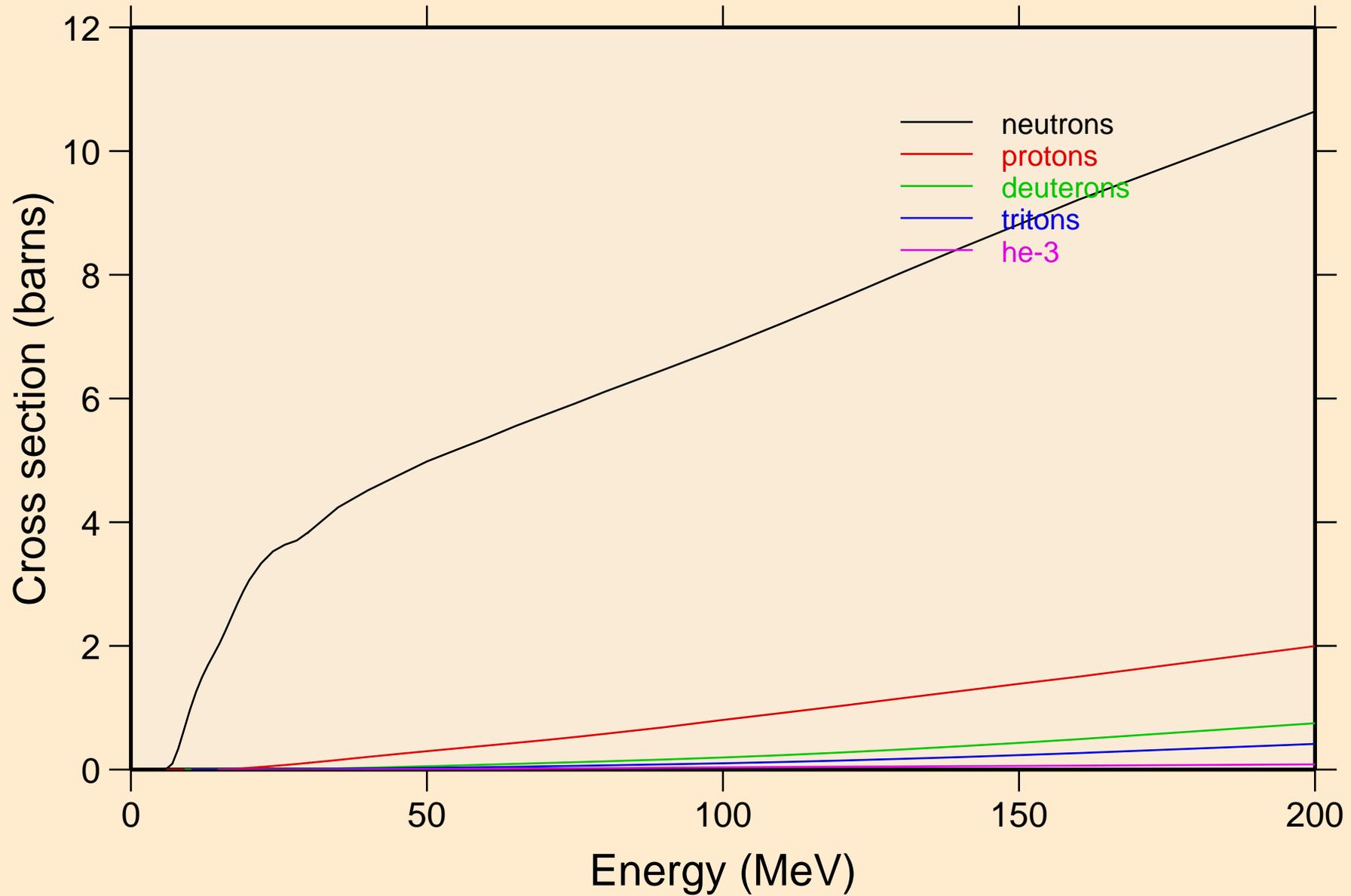
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Particle heating contributions



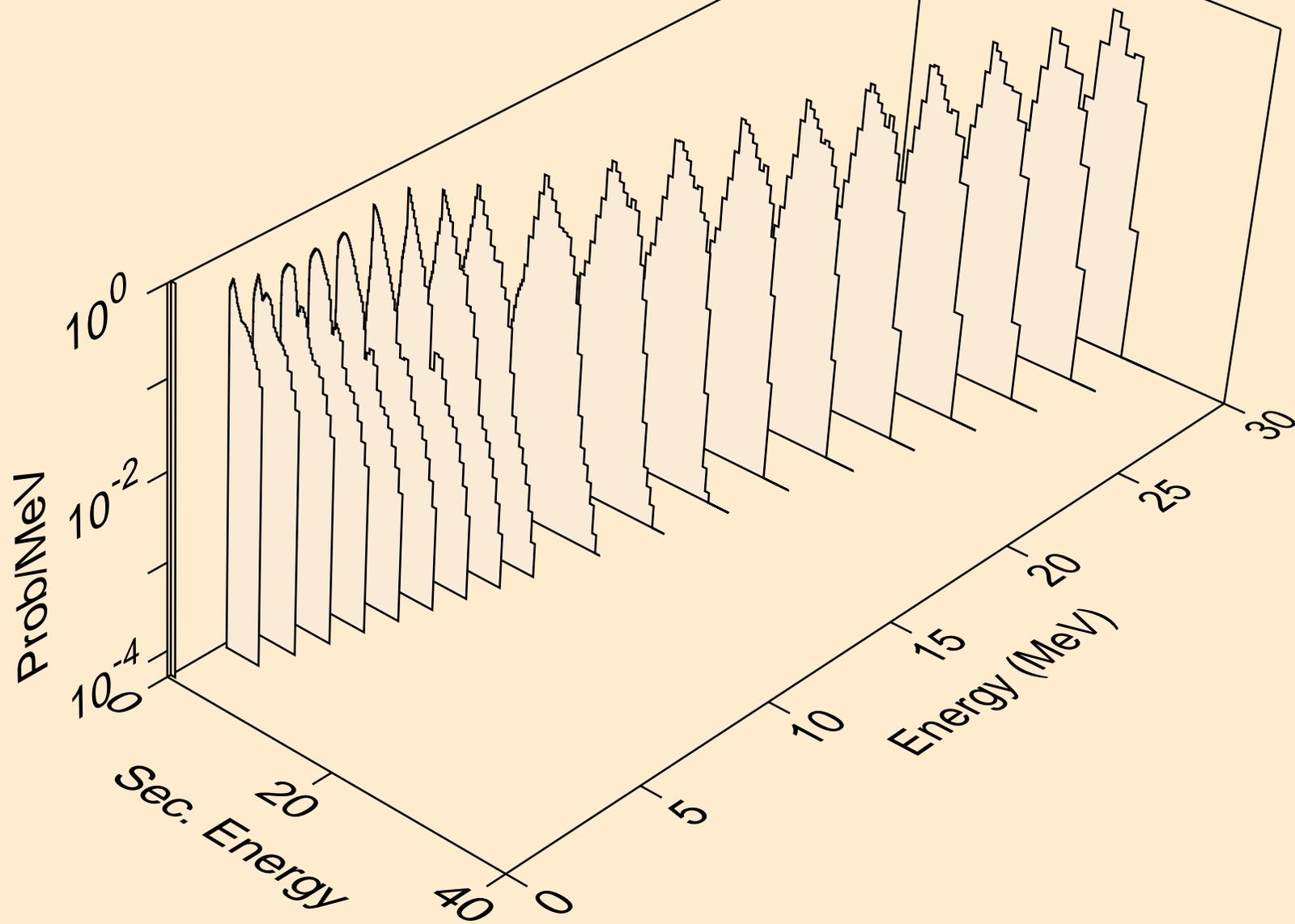
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Recoil Heating



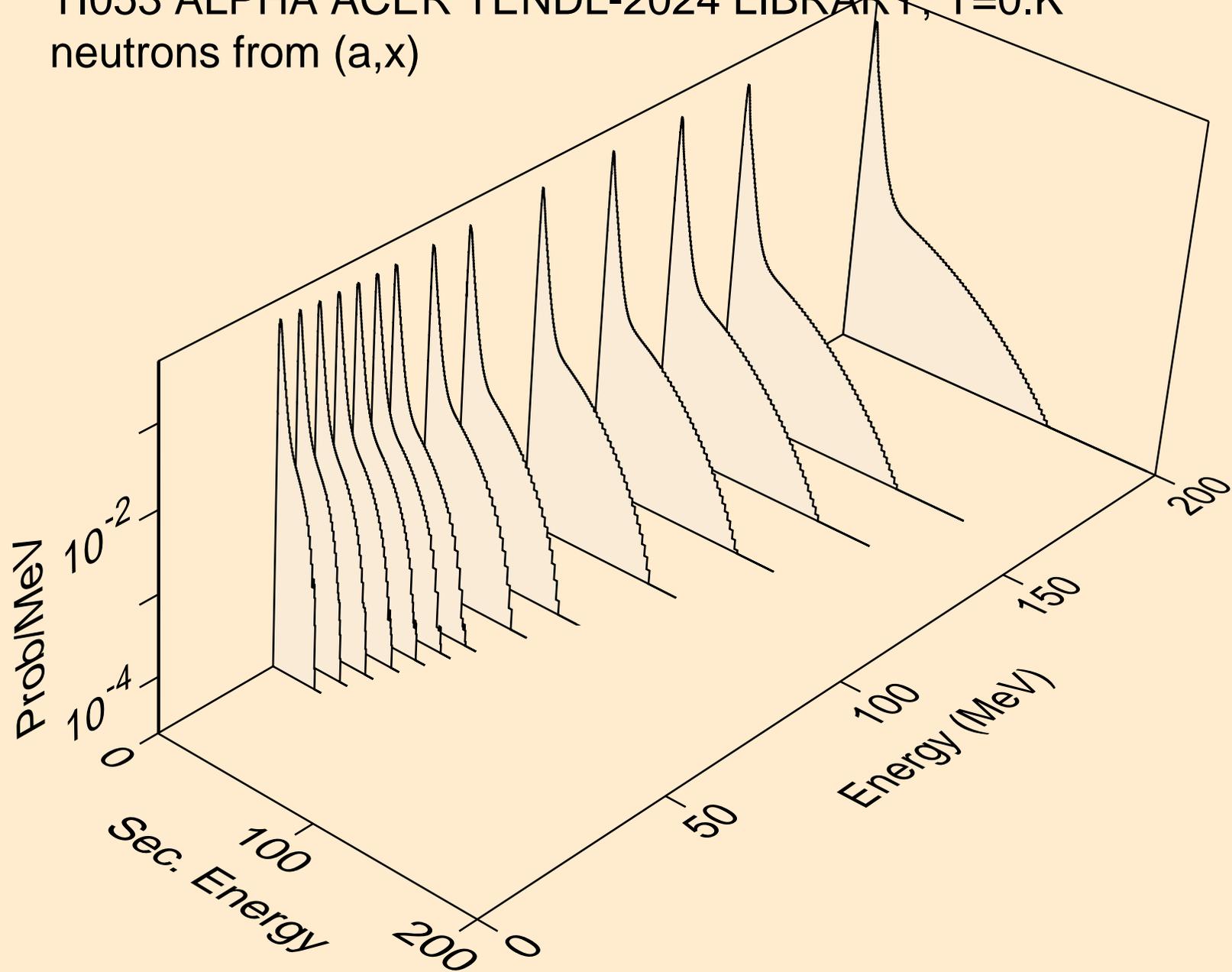
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
Particle production cross sections



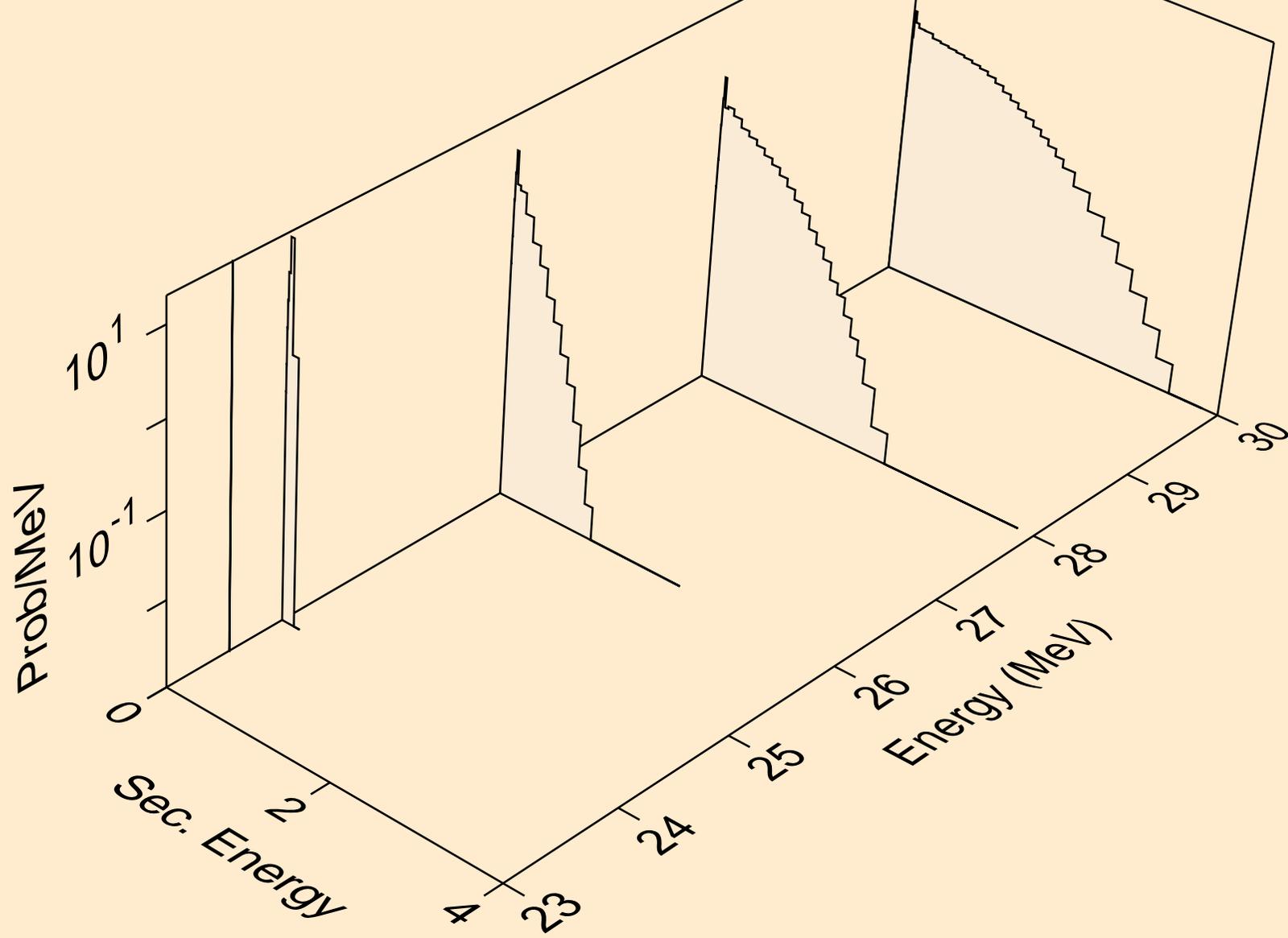
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n)



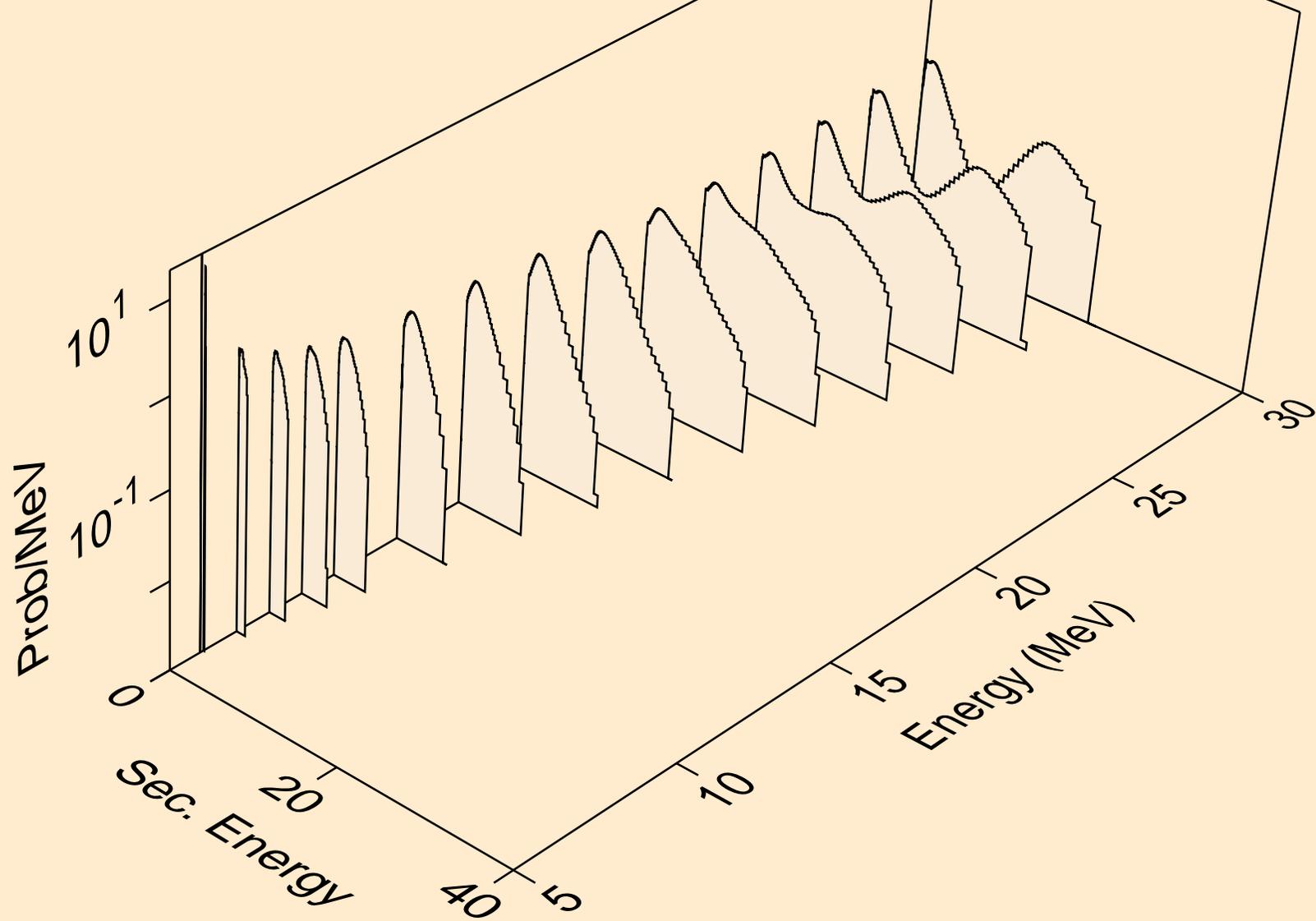
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,x)



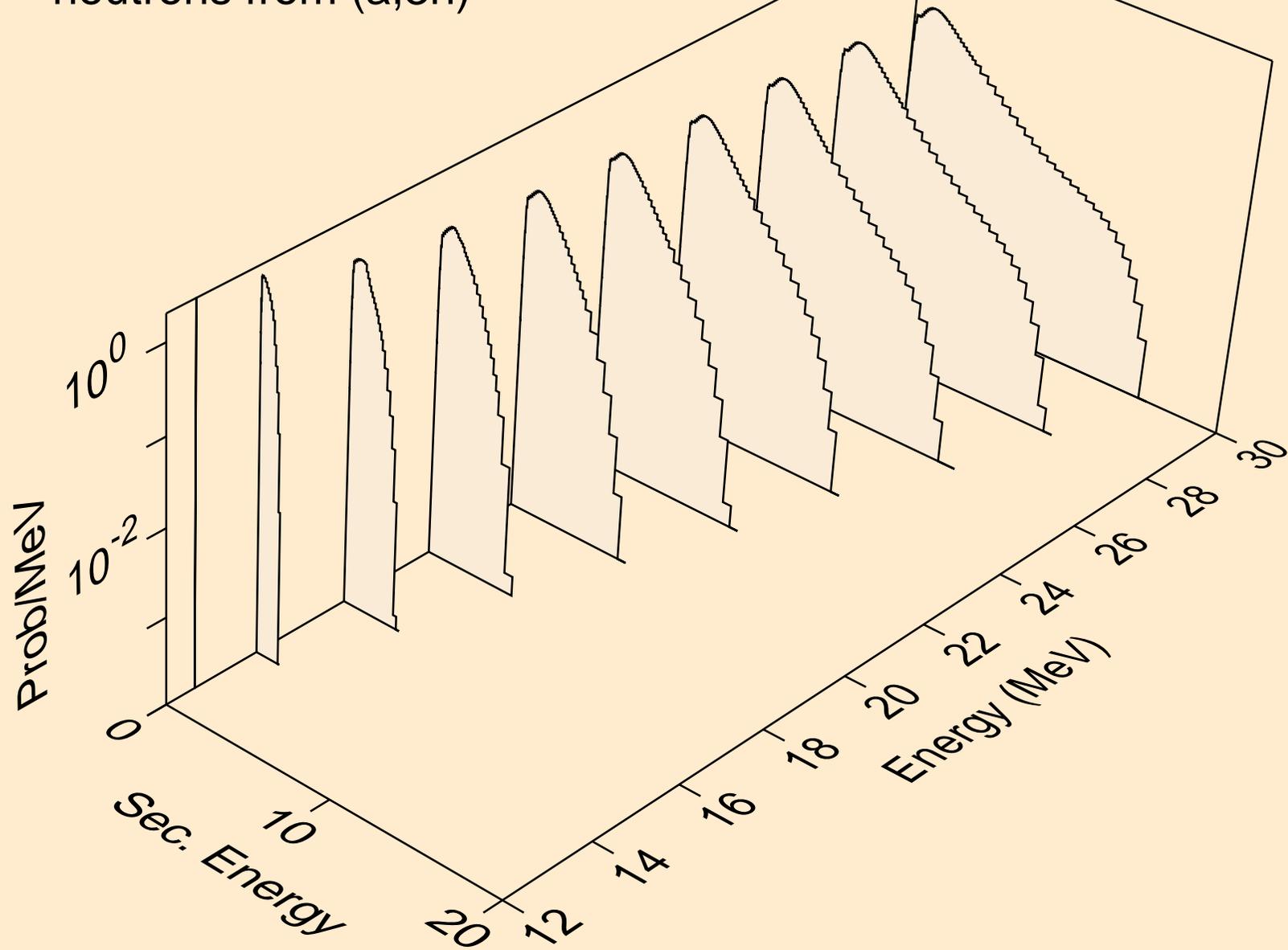
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,2nd)



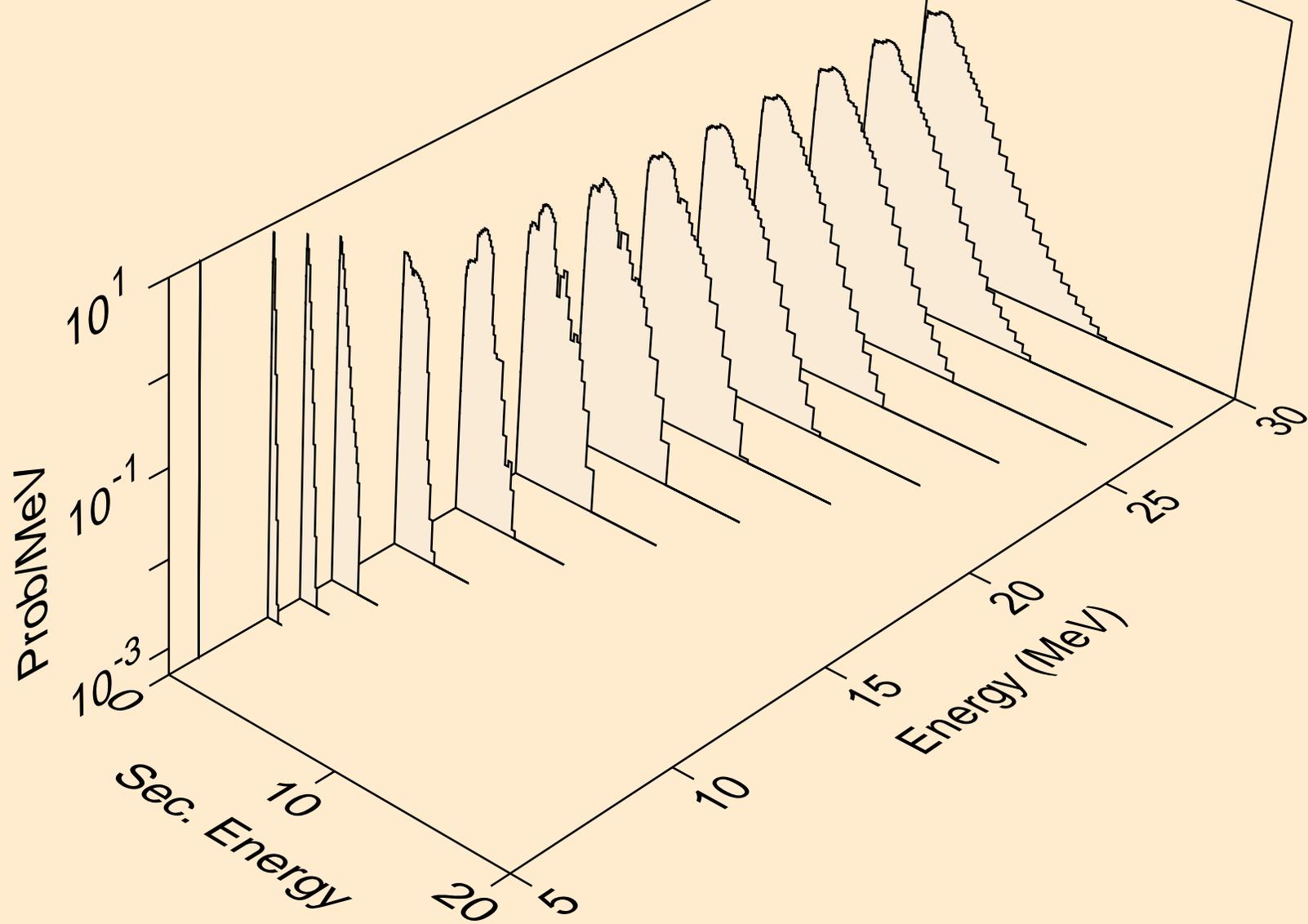
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,2n)



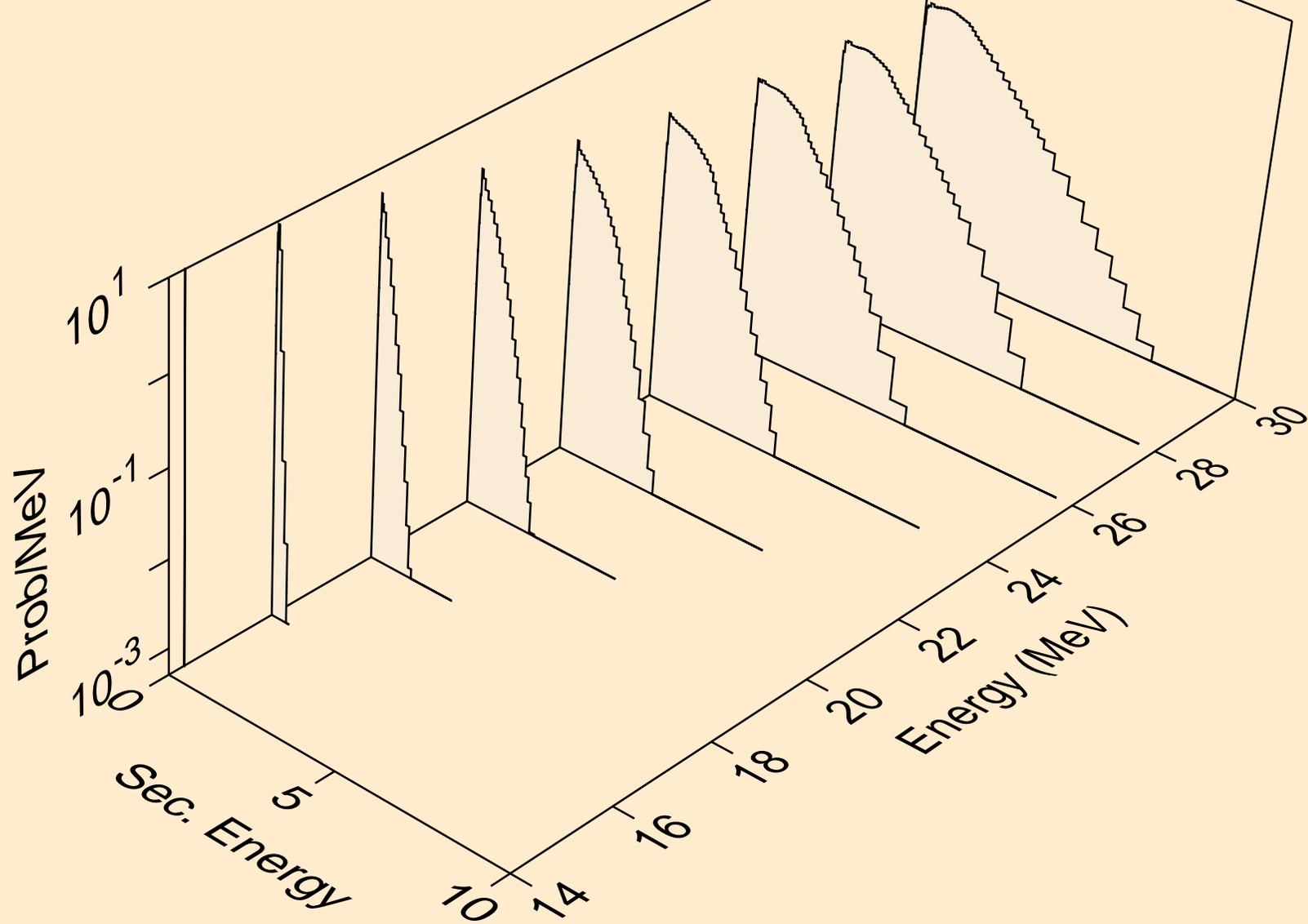
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,3n)



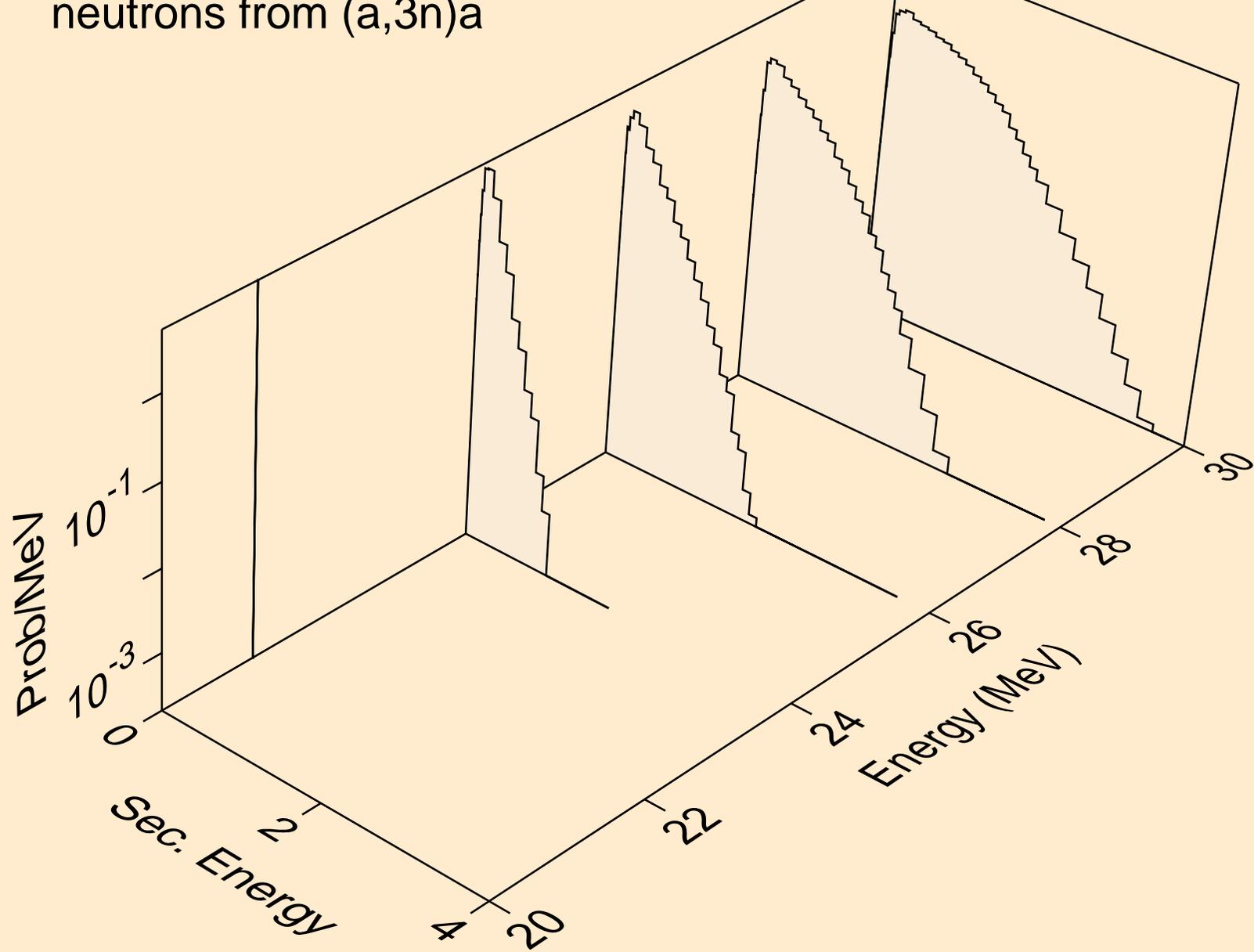
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)a



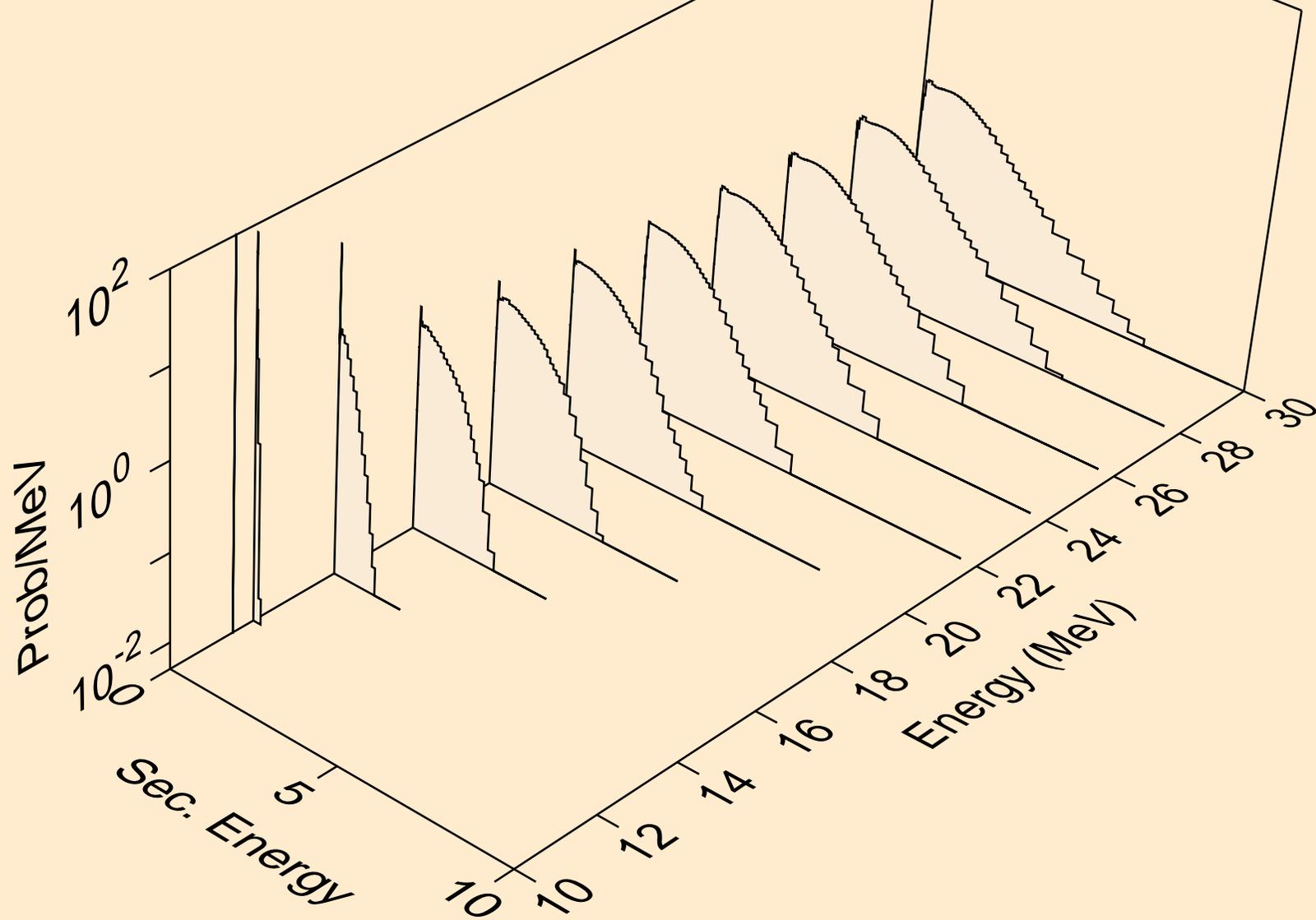
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,2n)a



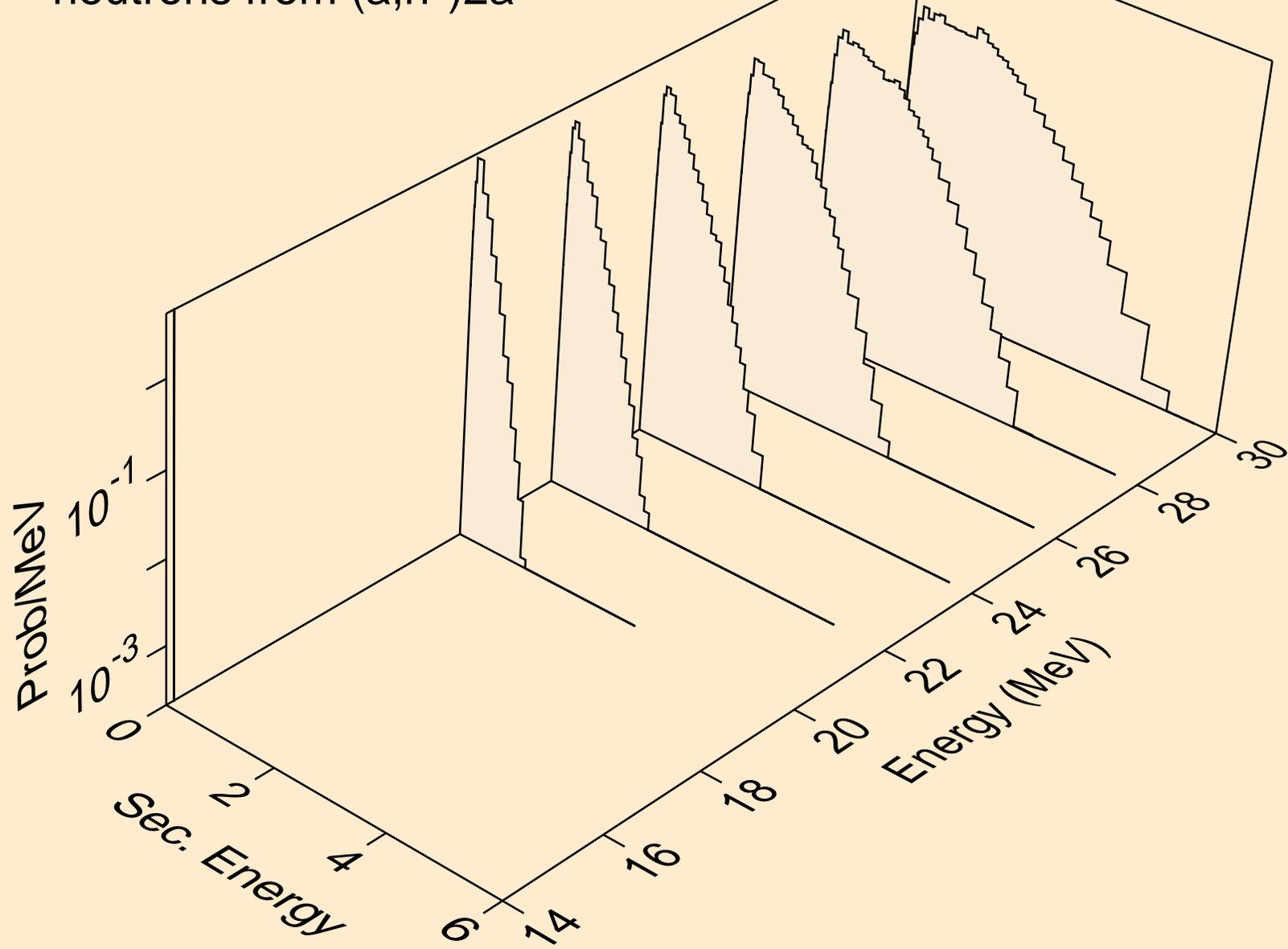
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,3n)a



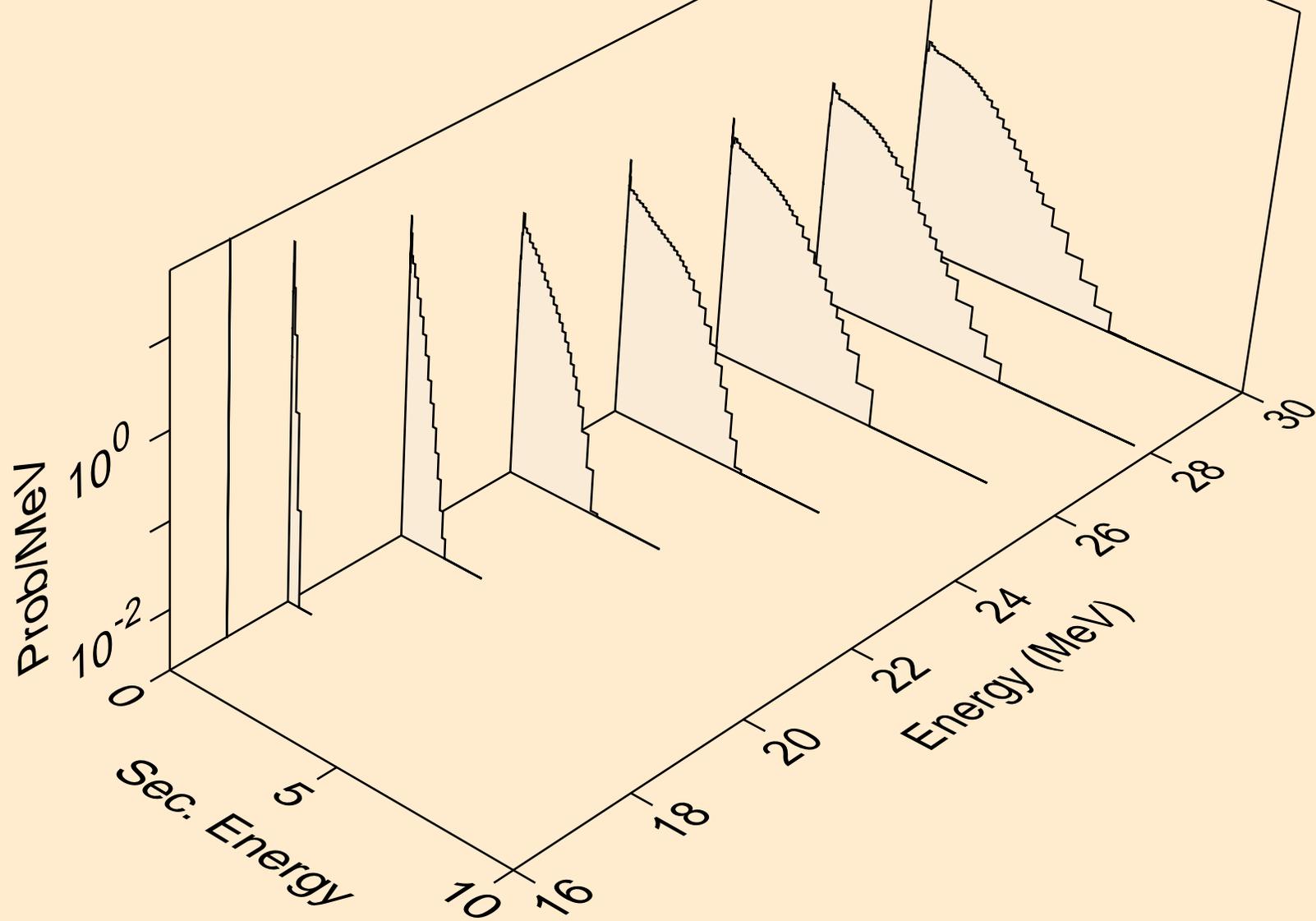
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)p



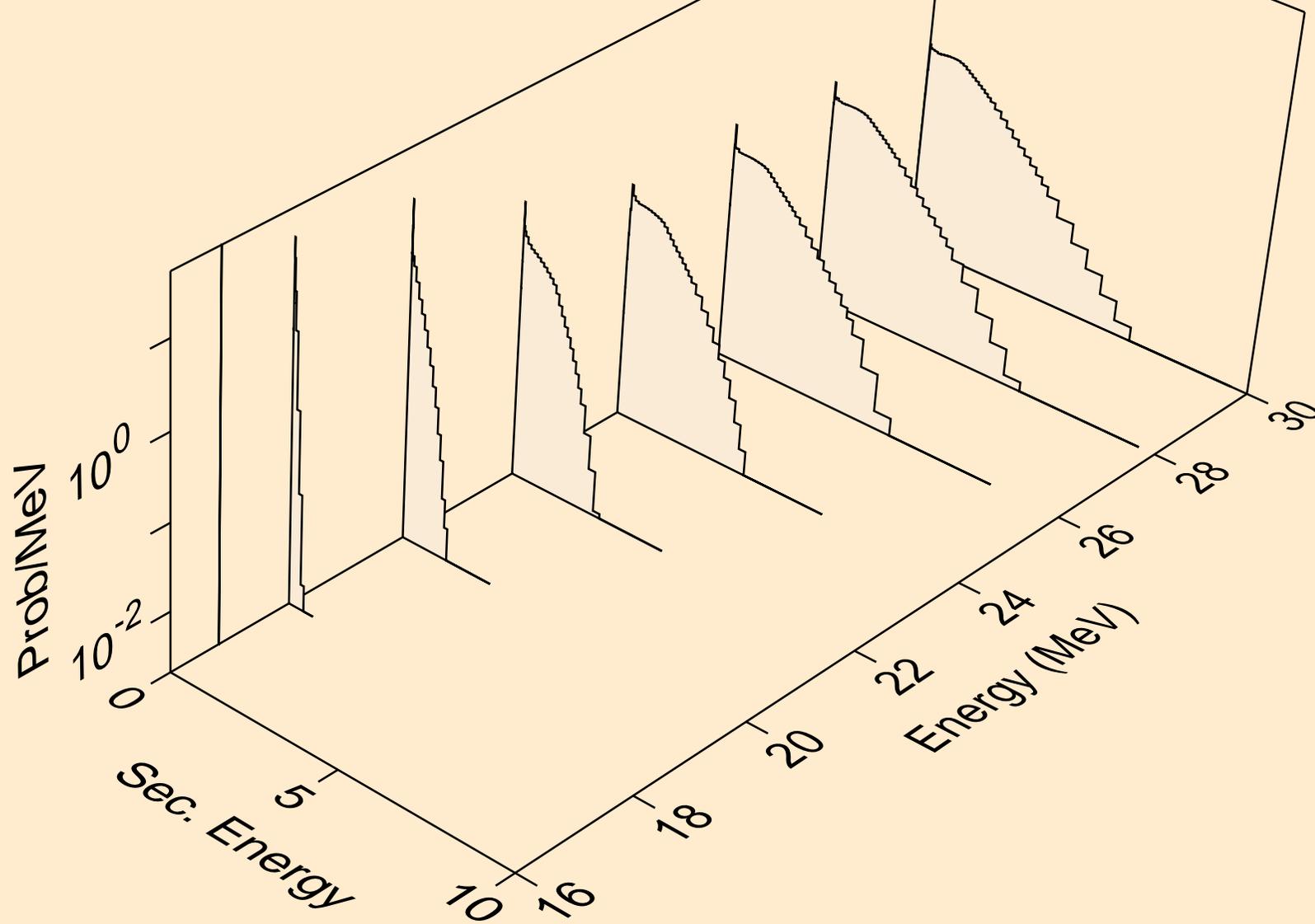
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)2a



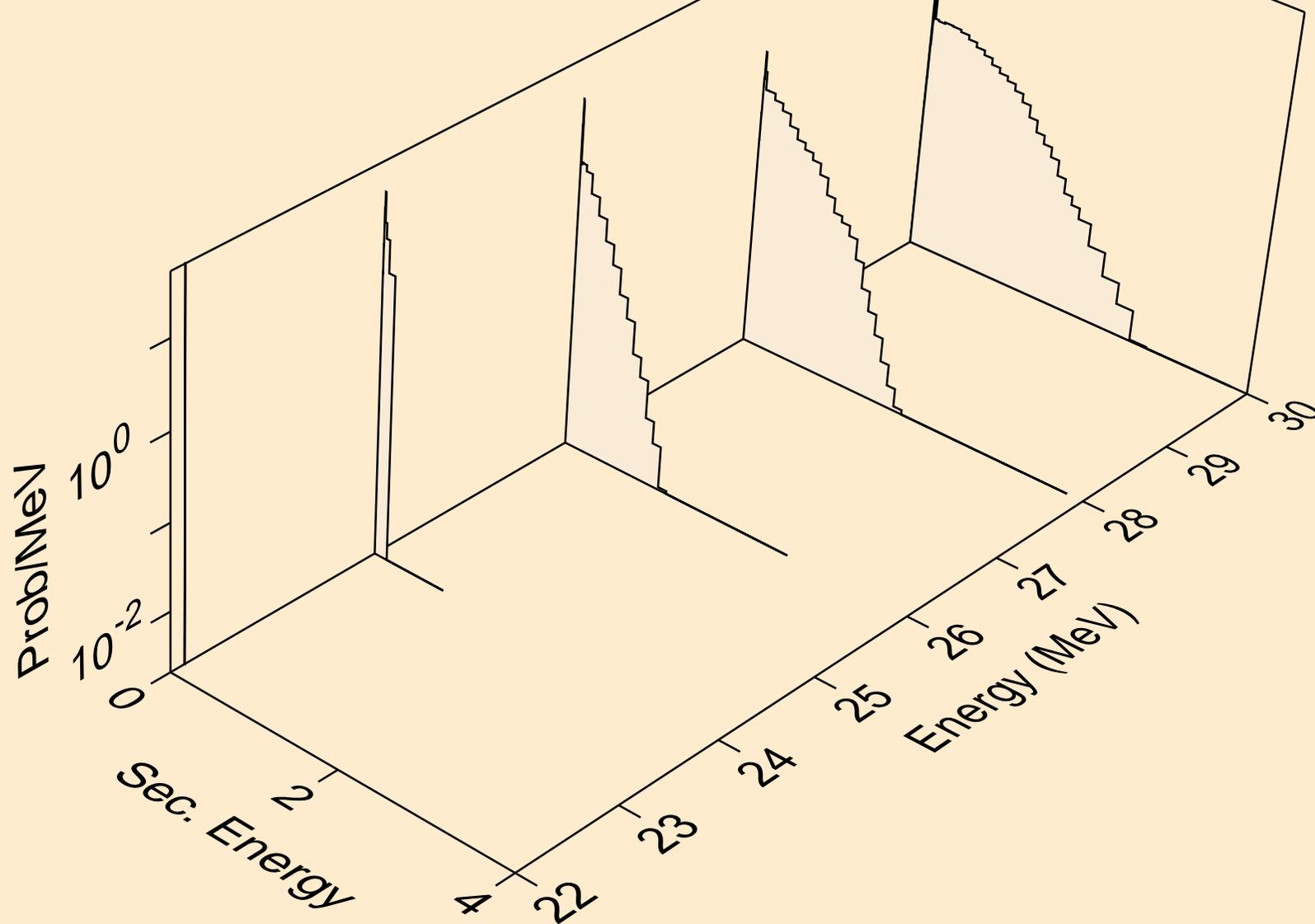
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)d



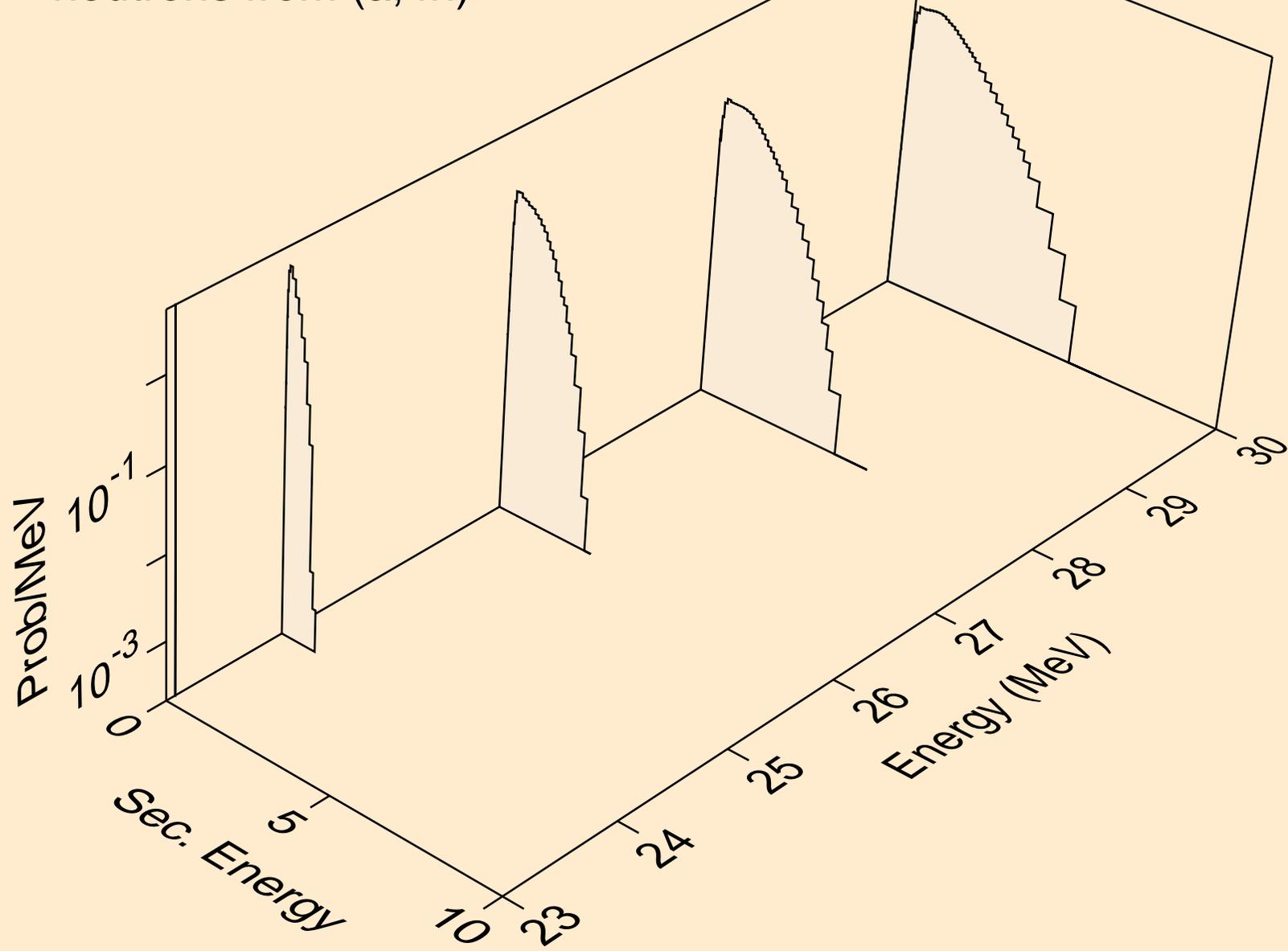
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)t



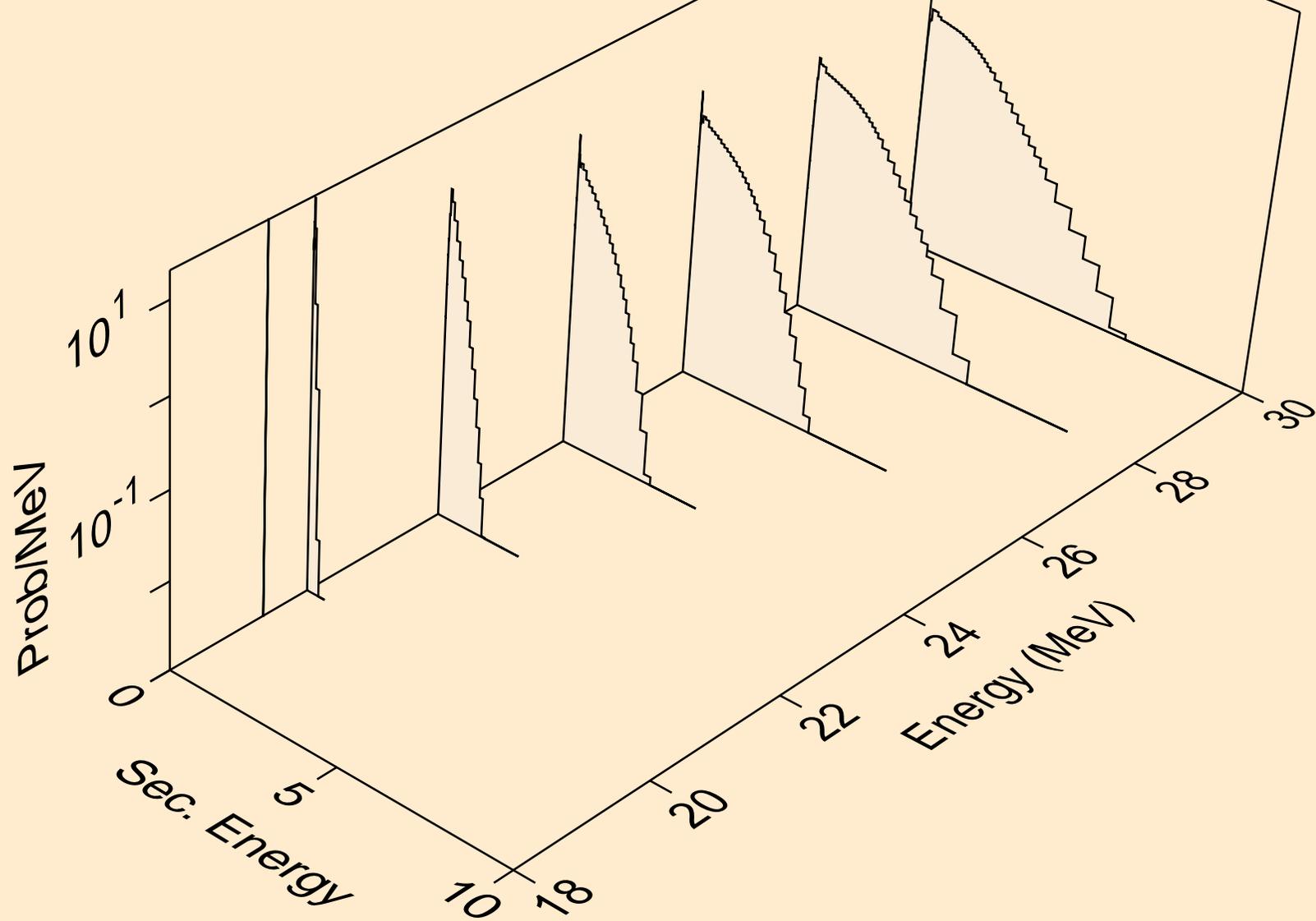
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n\*)he3



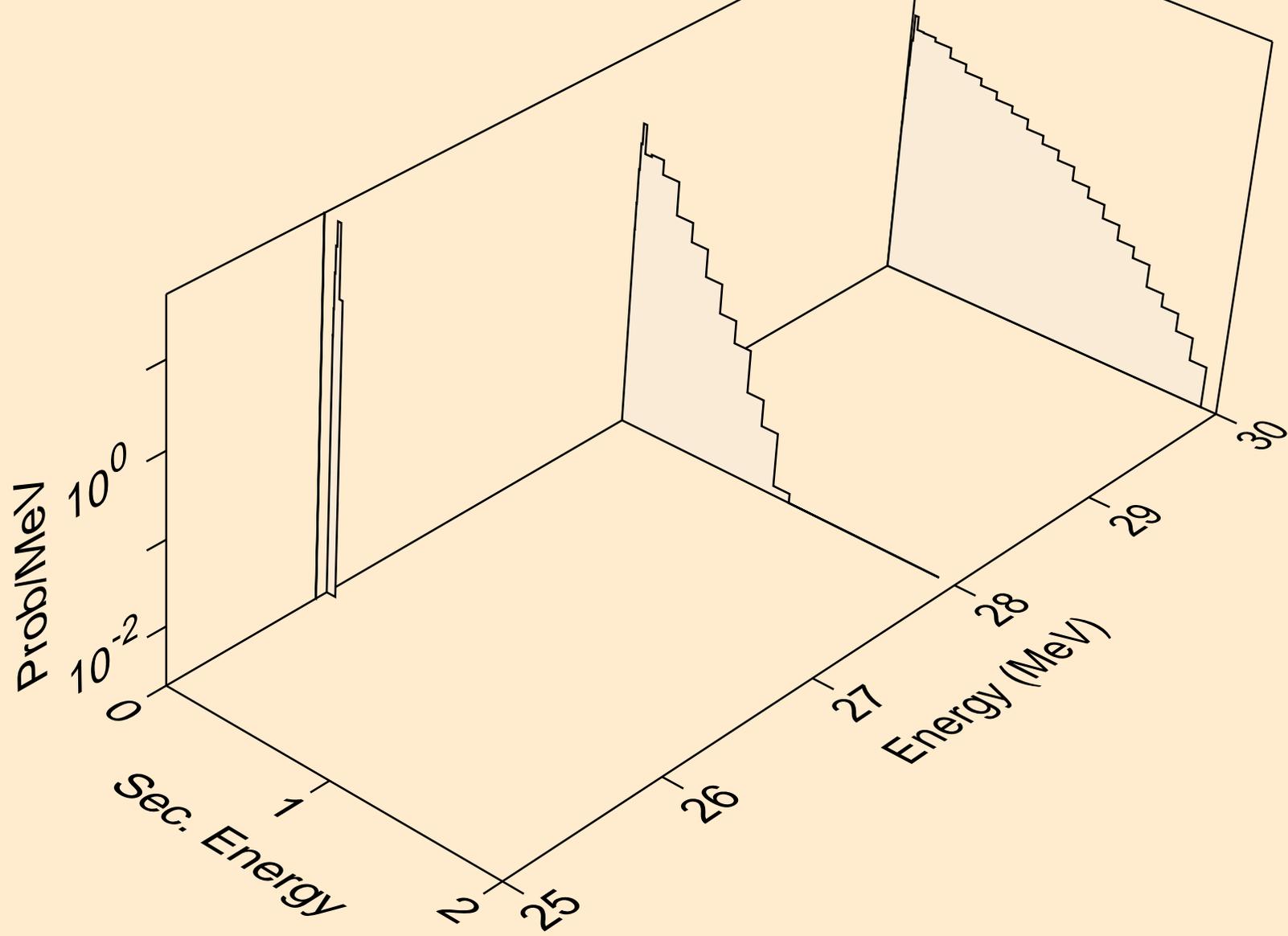
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,4n)



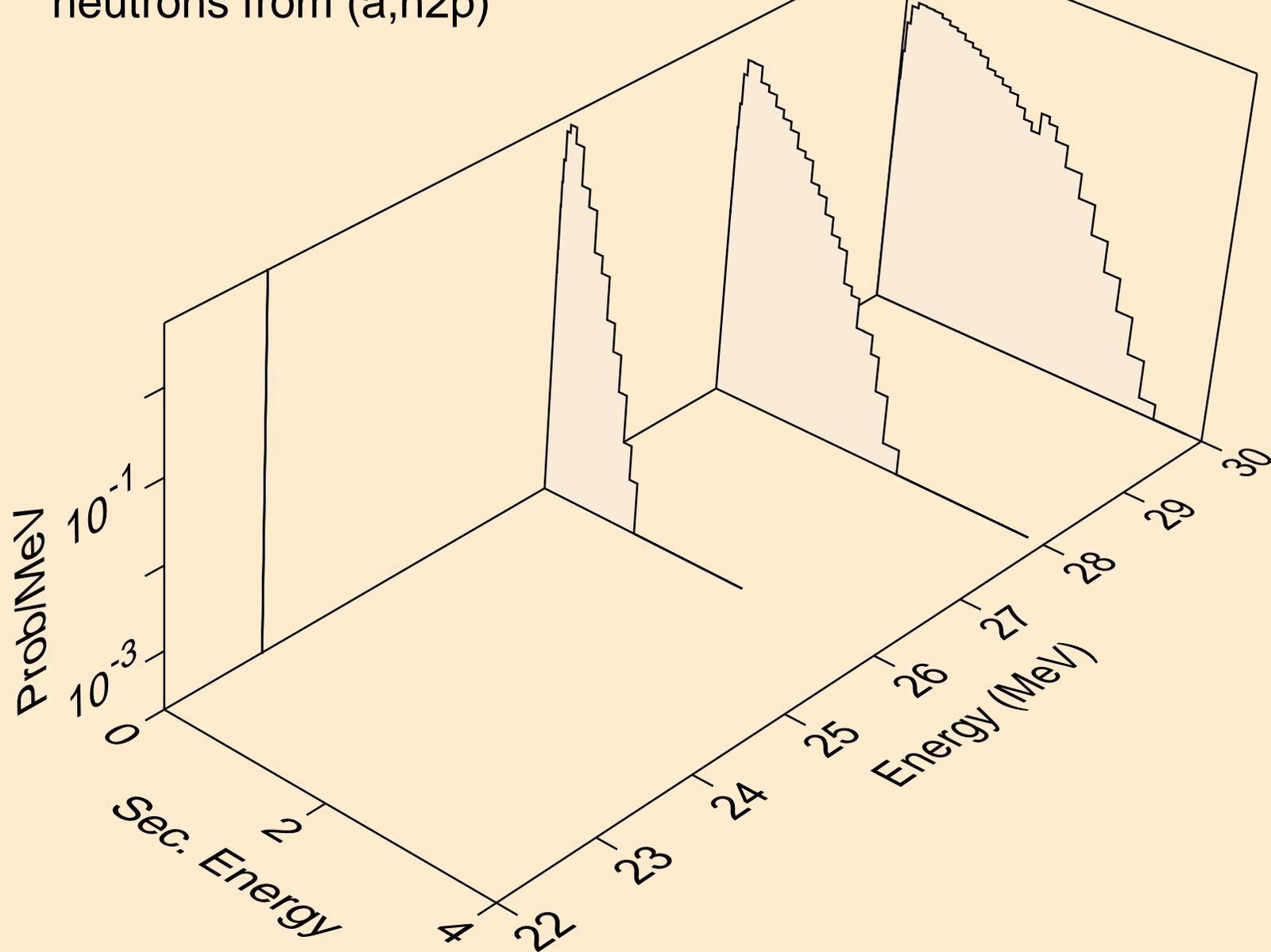
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,2np)



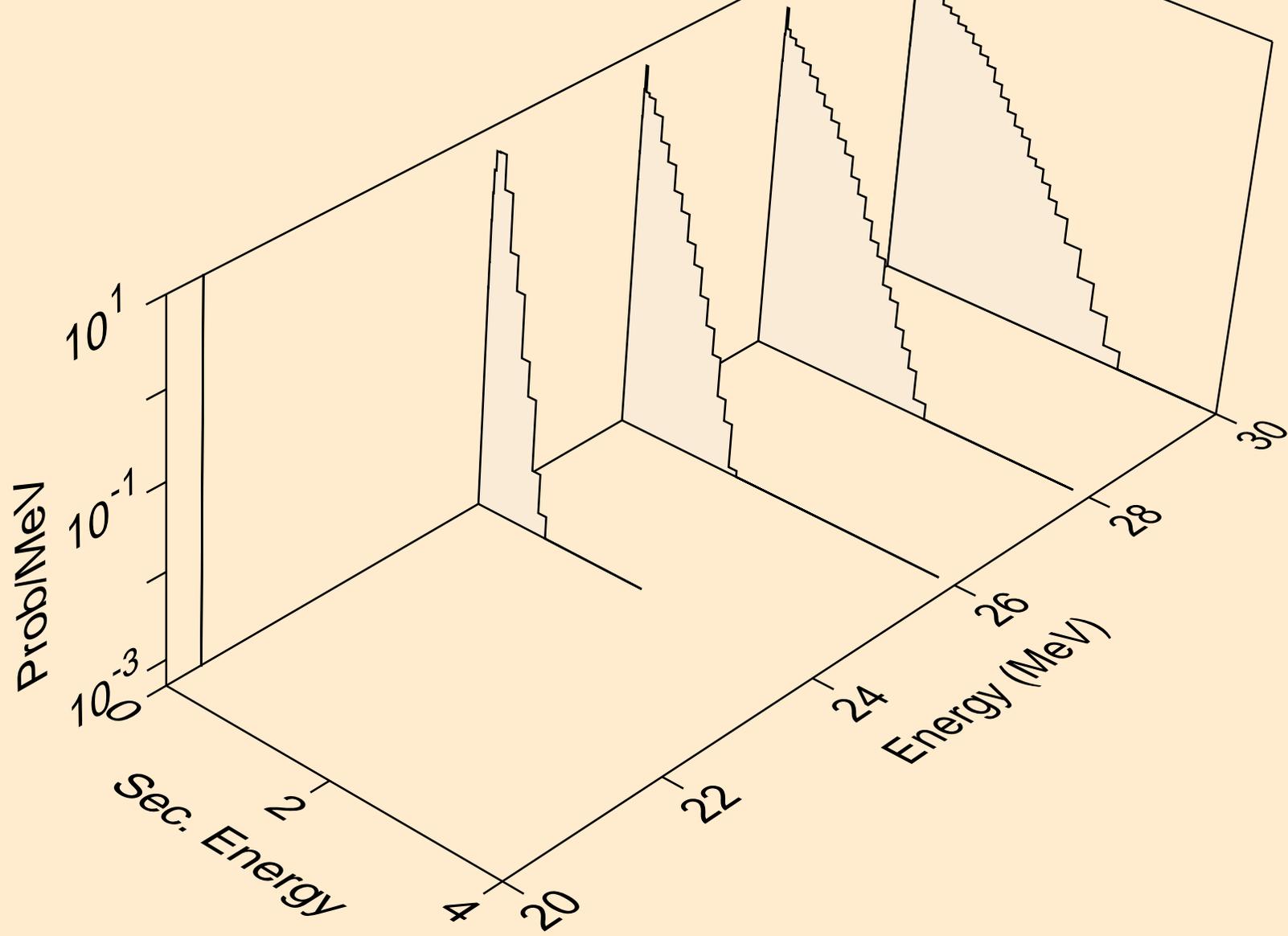
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,3np)



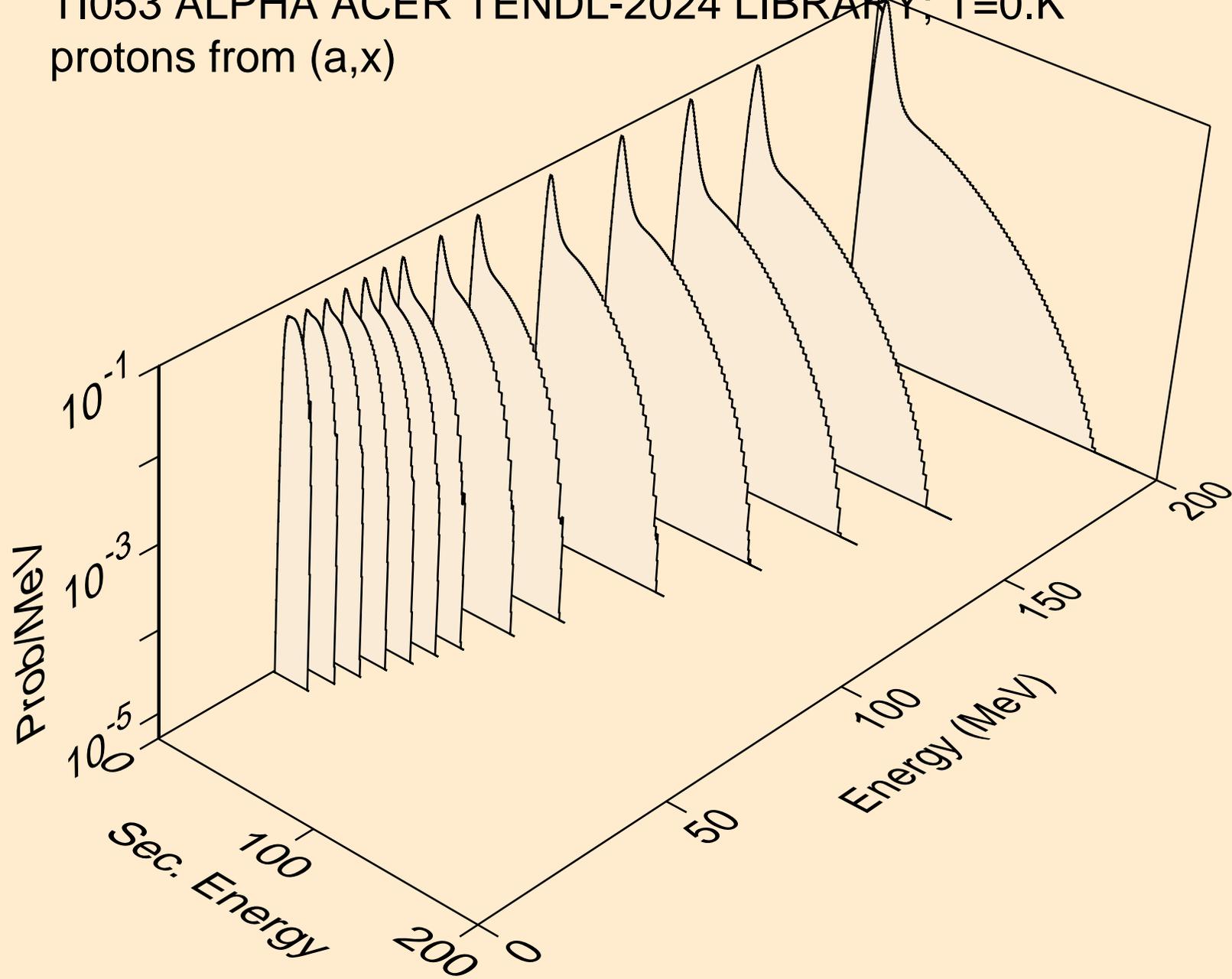
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,n2p)



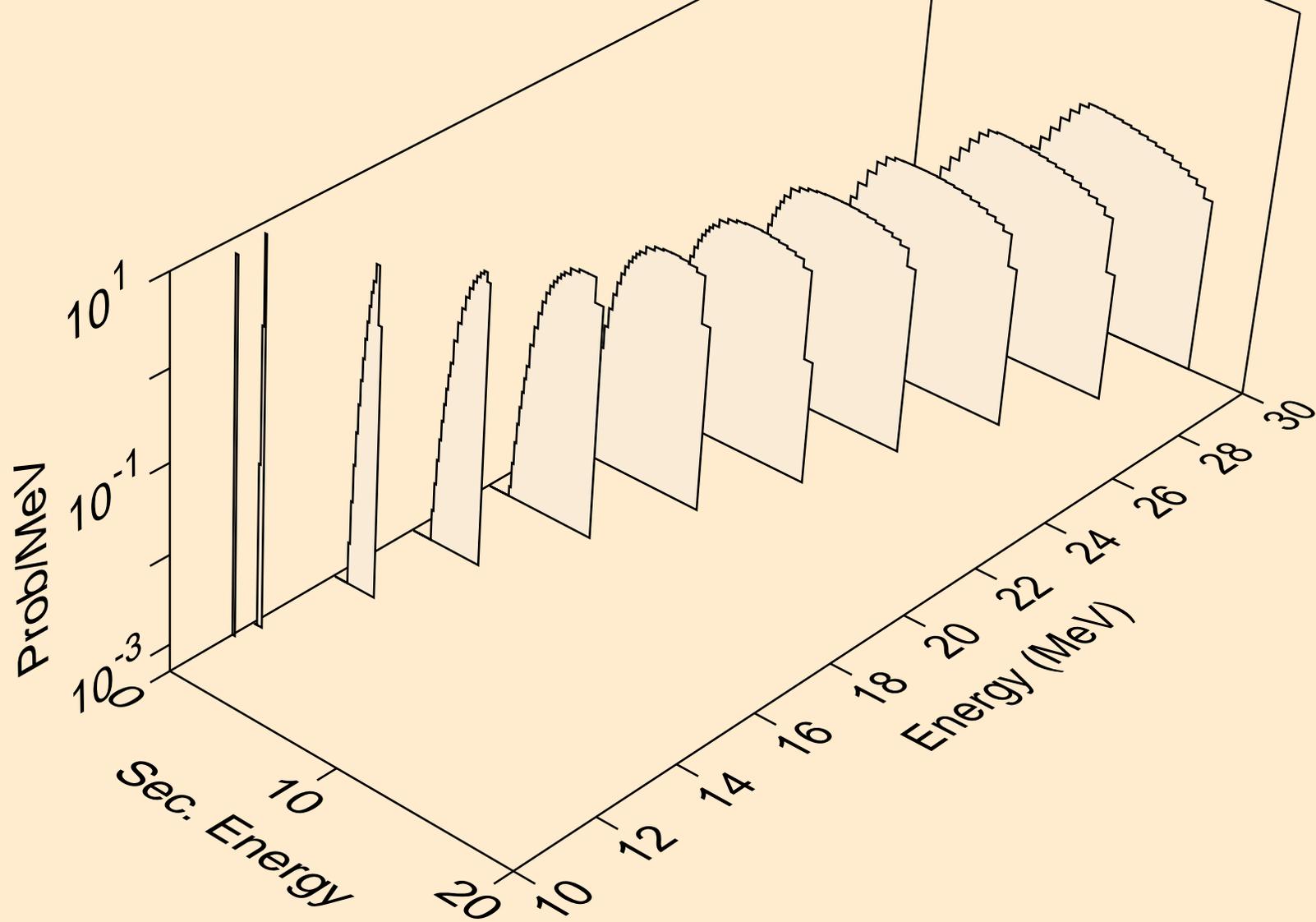
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
neutrons from (a,npa)



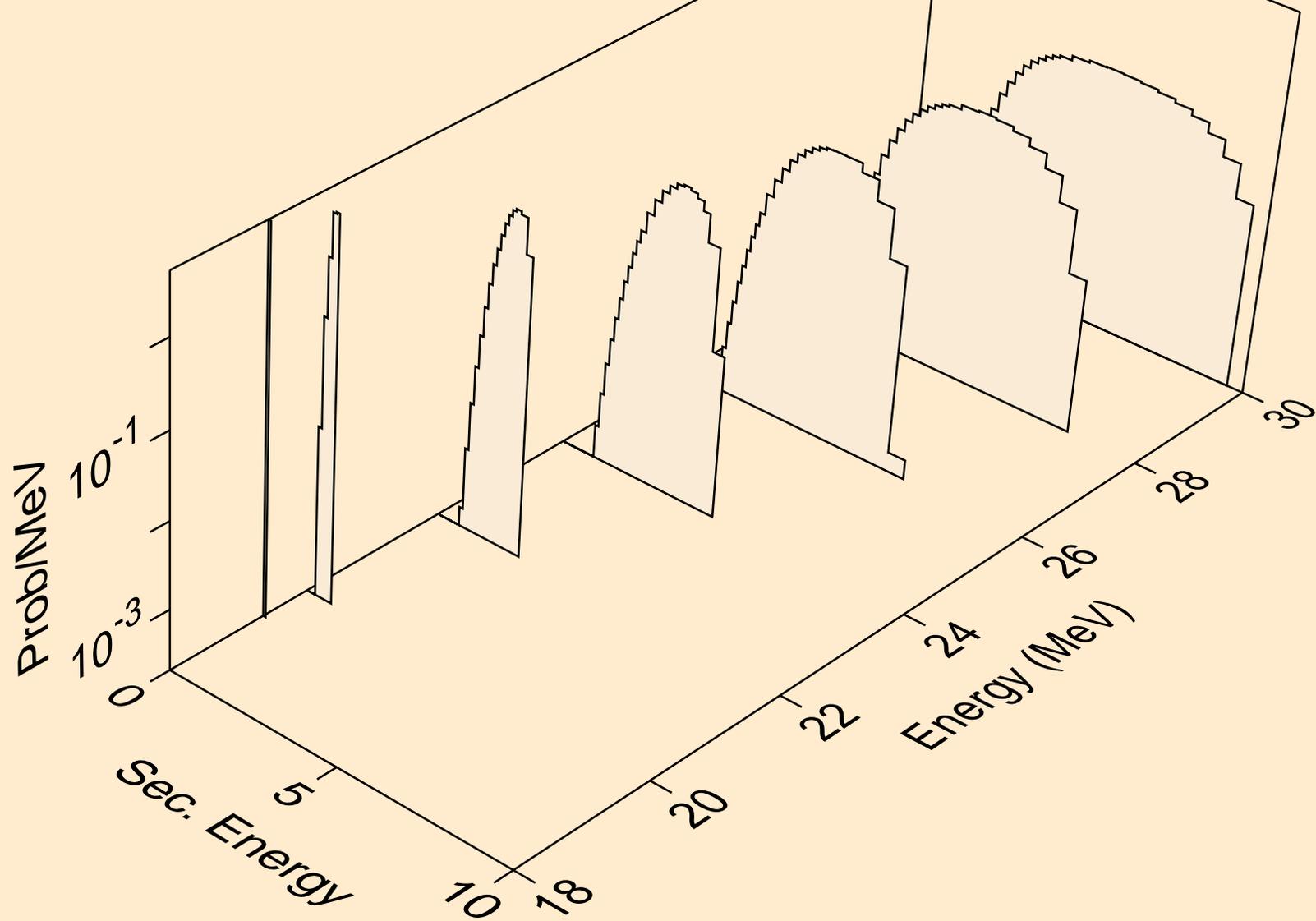
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,x)



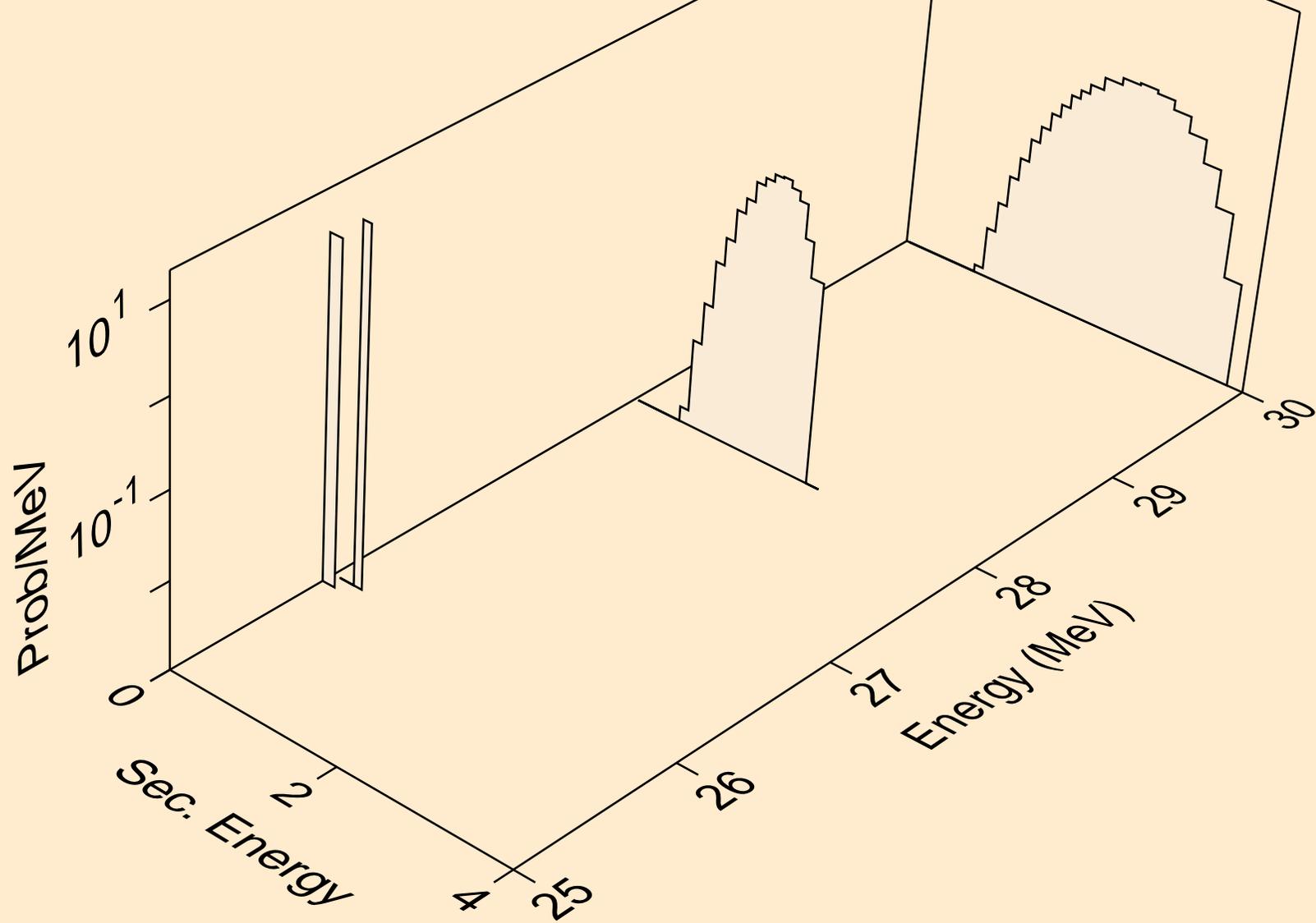
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,n\*)p



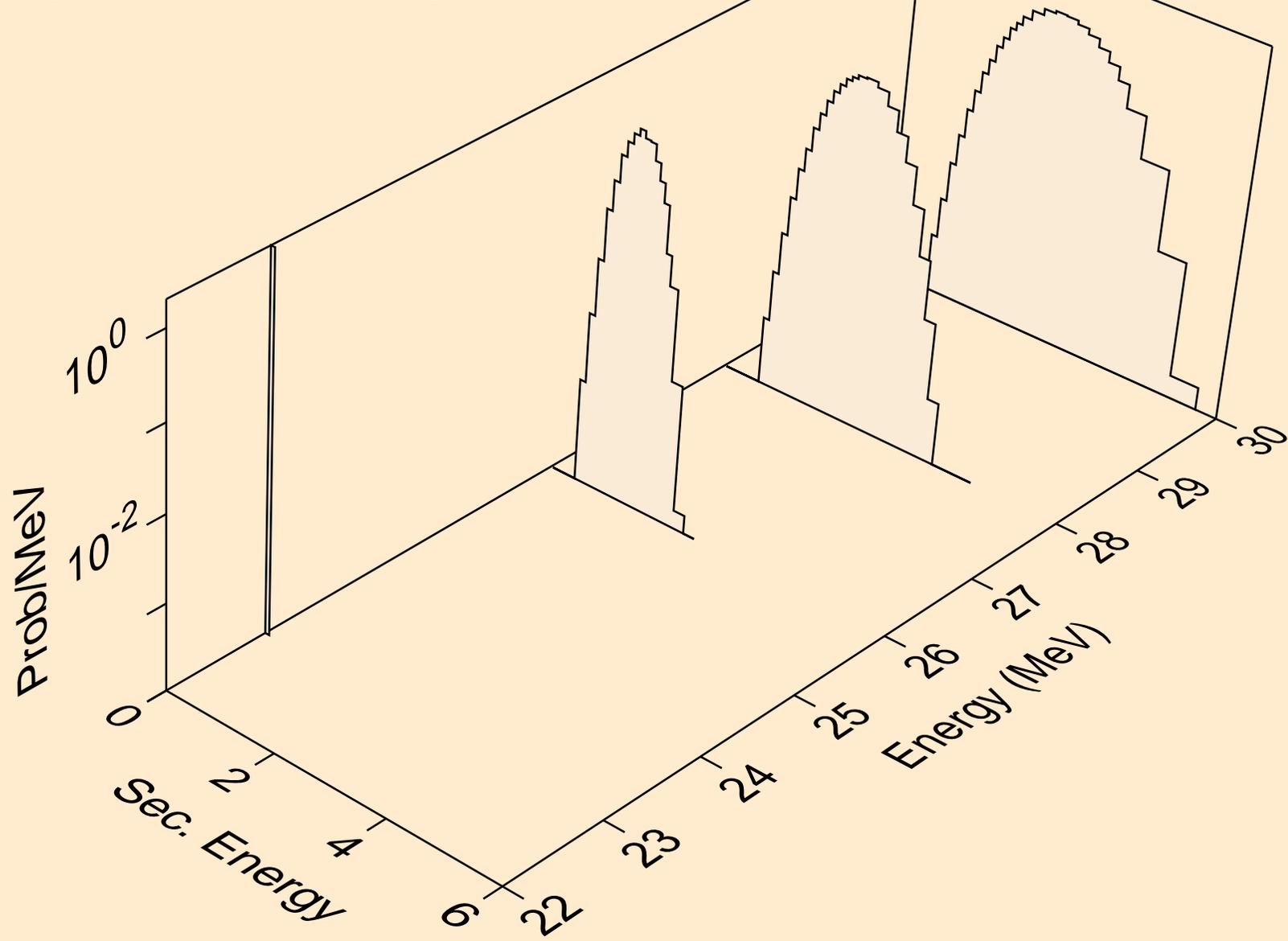
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,2np)



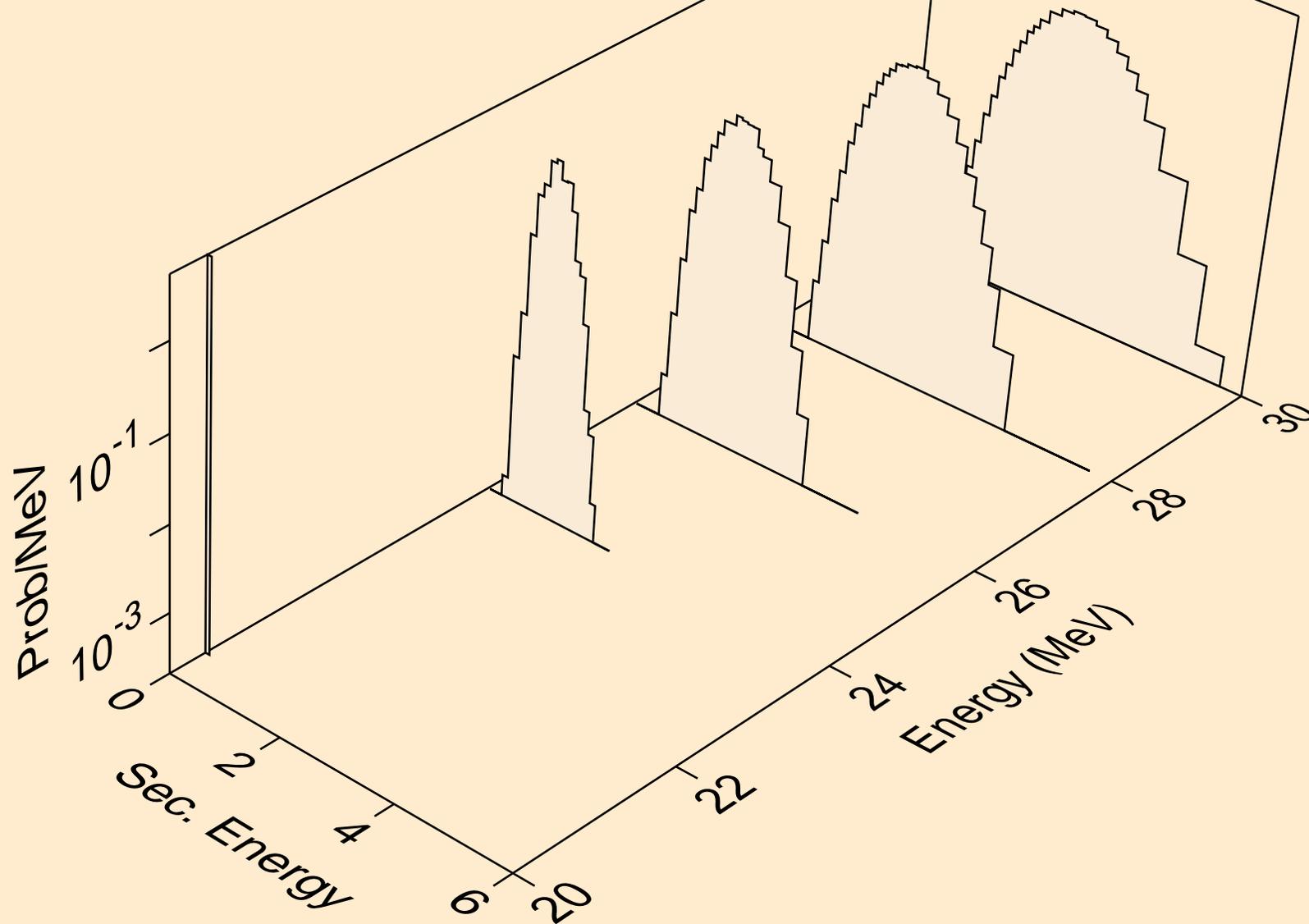
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,3np)



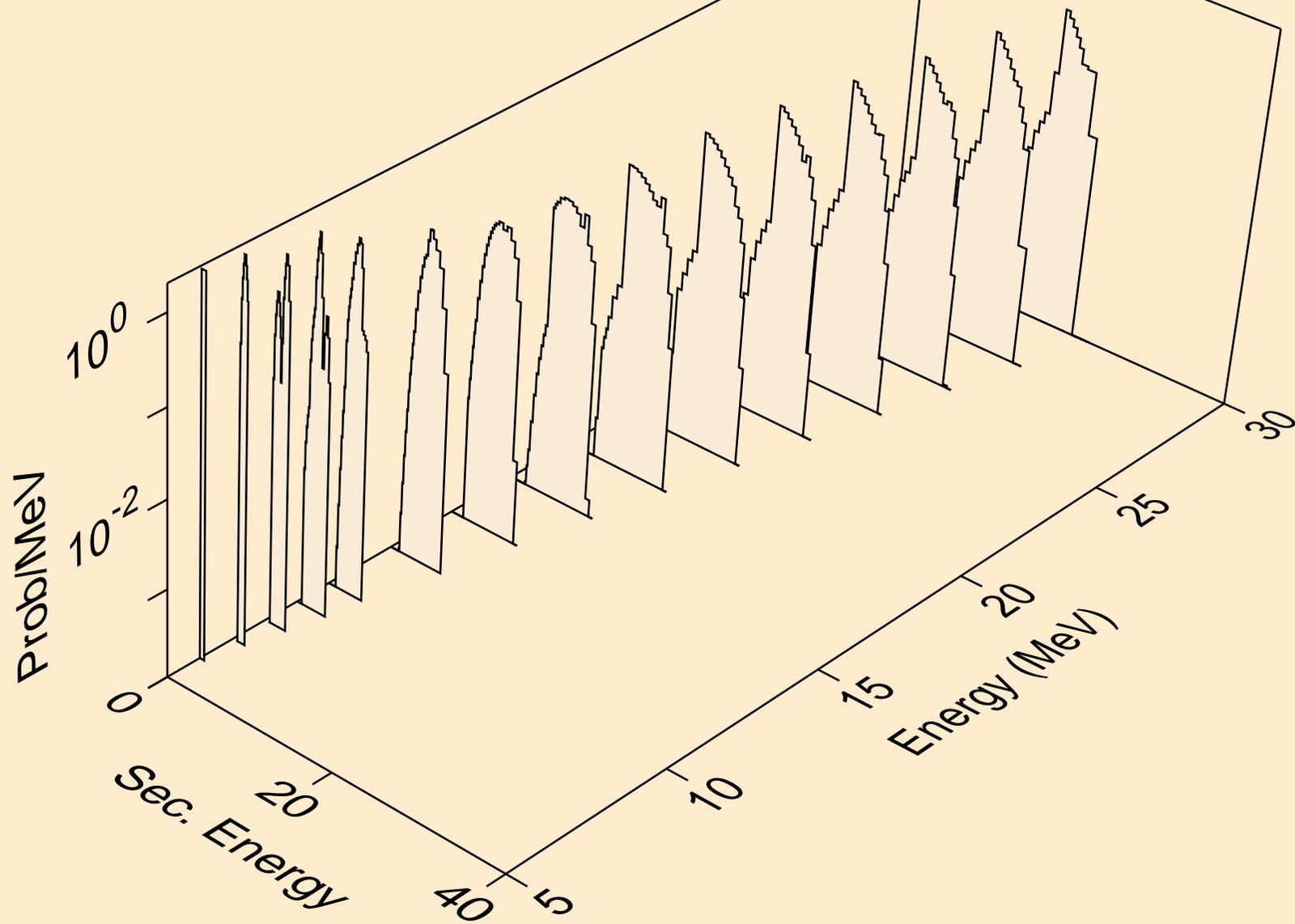
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,n2p)



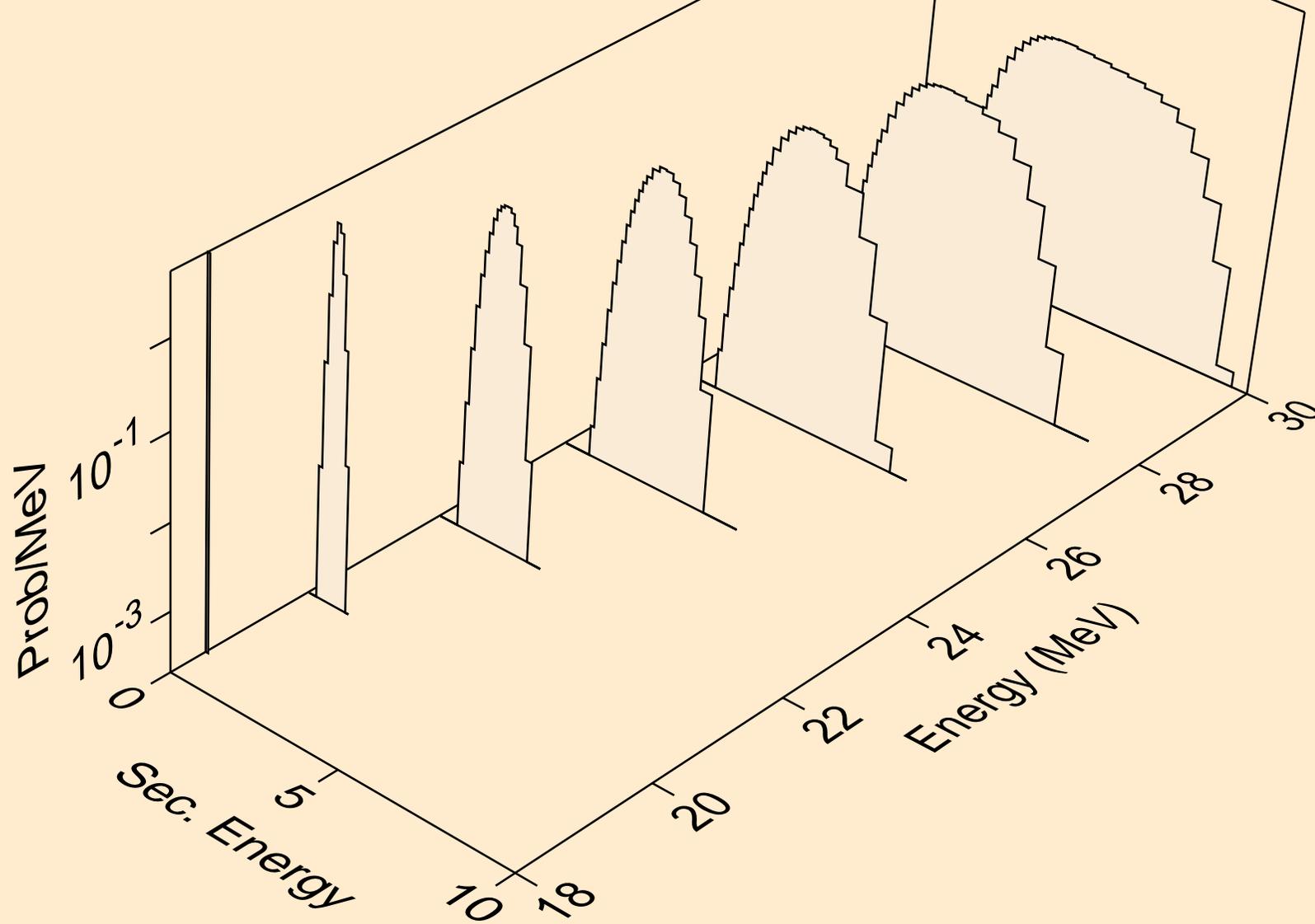
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,npa)



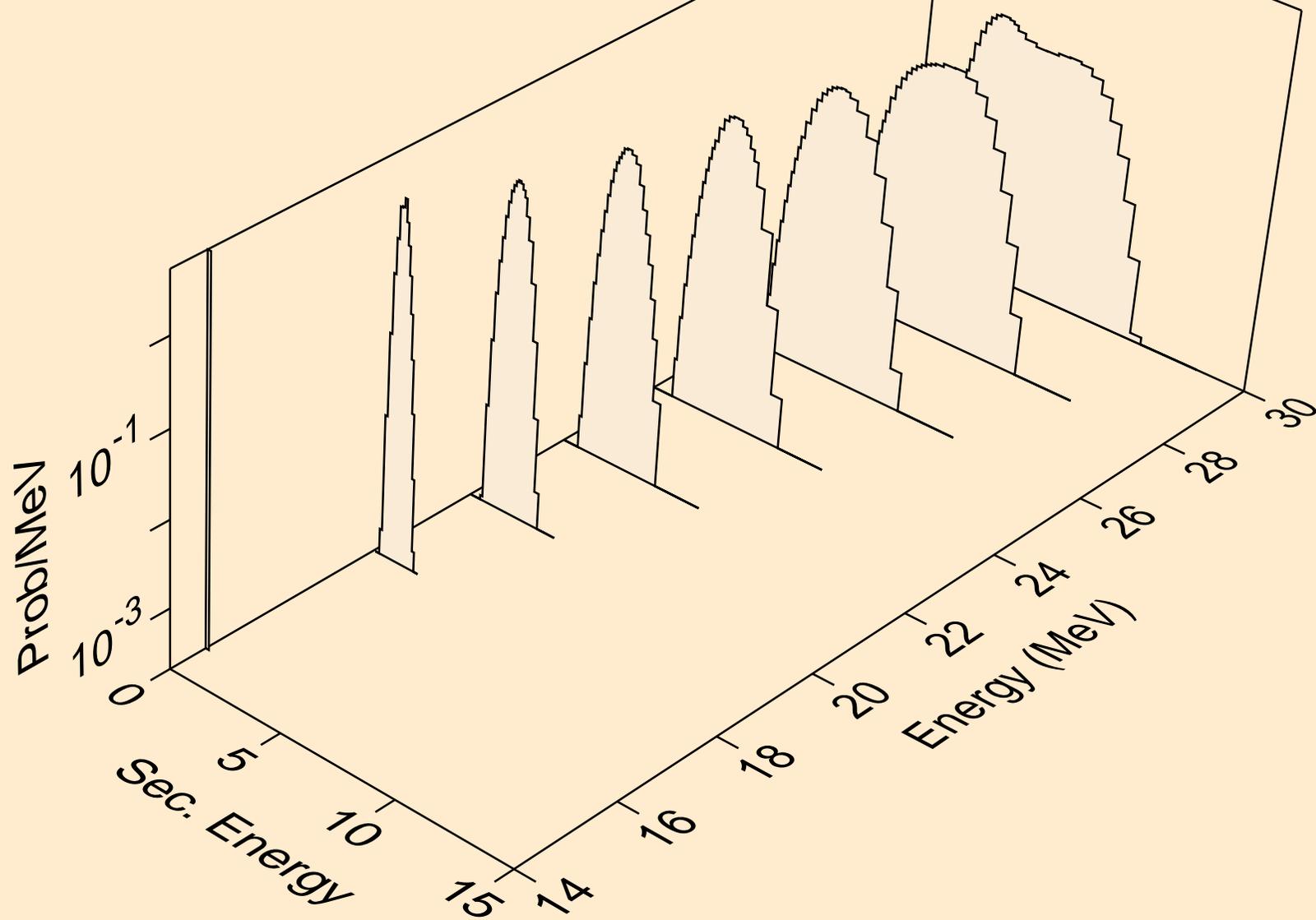
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,p)



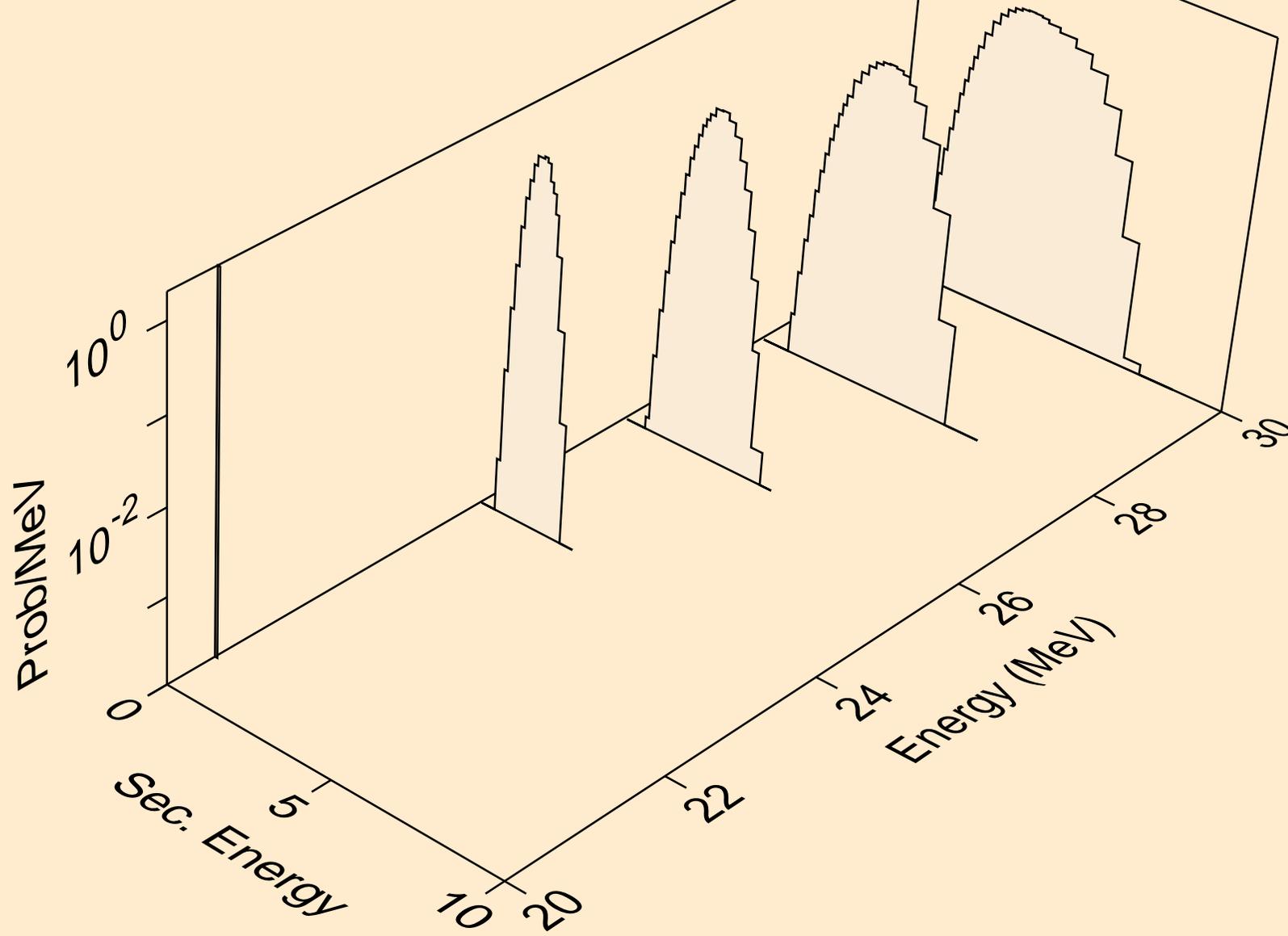
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,2p)



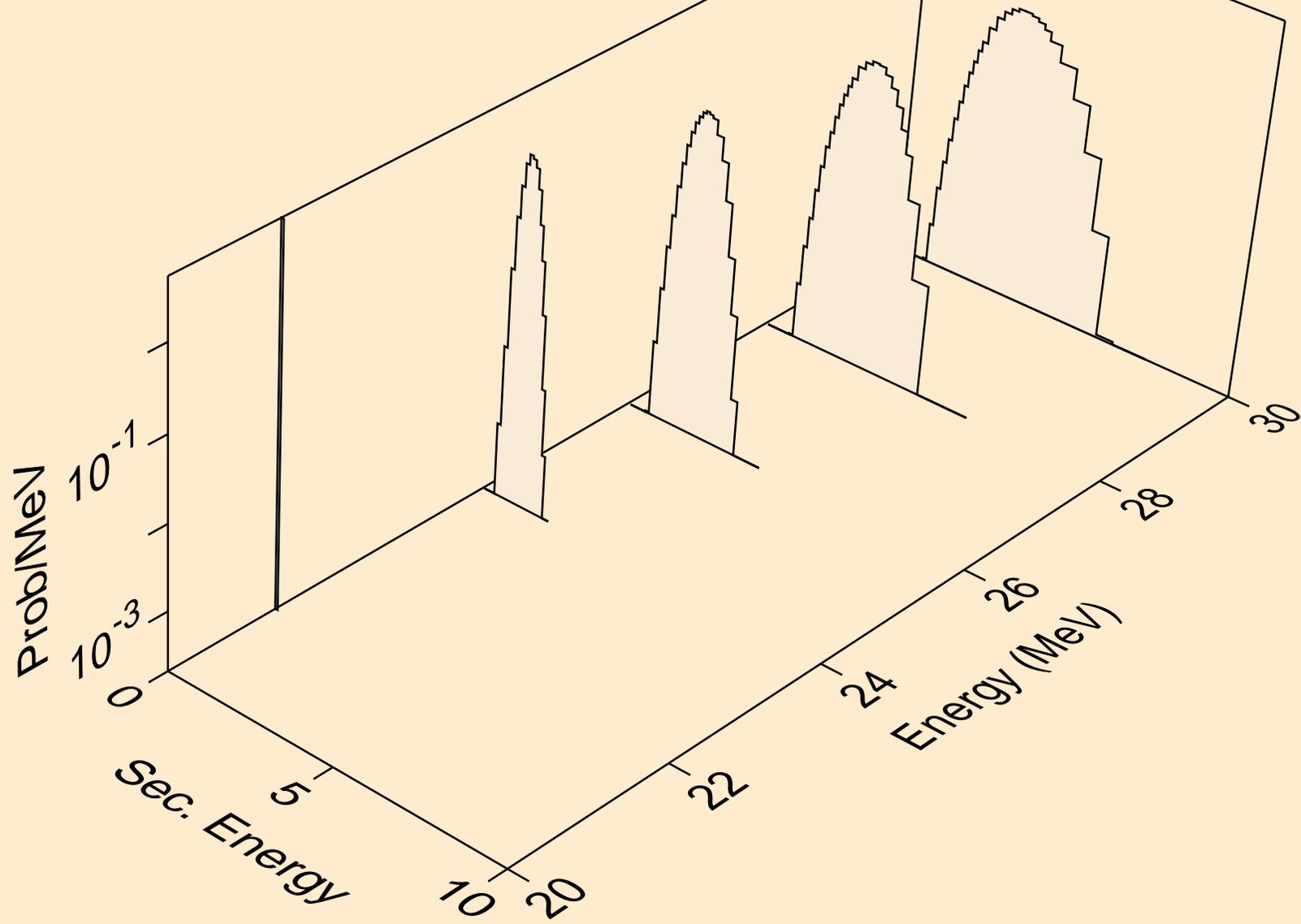
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,pa)



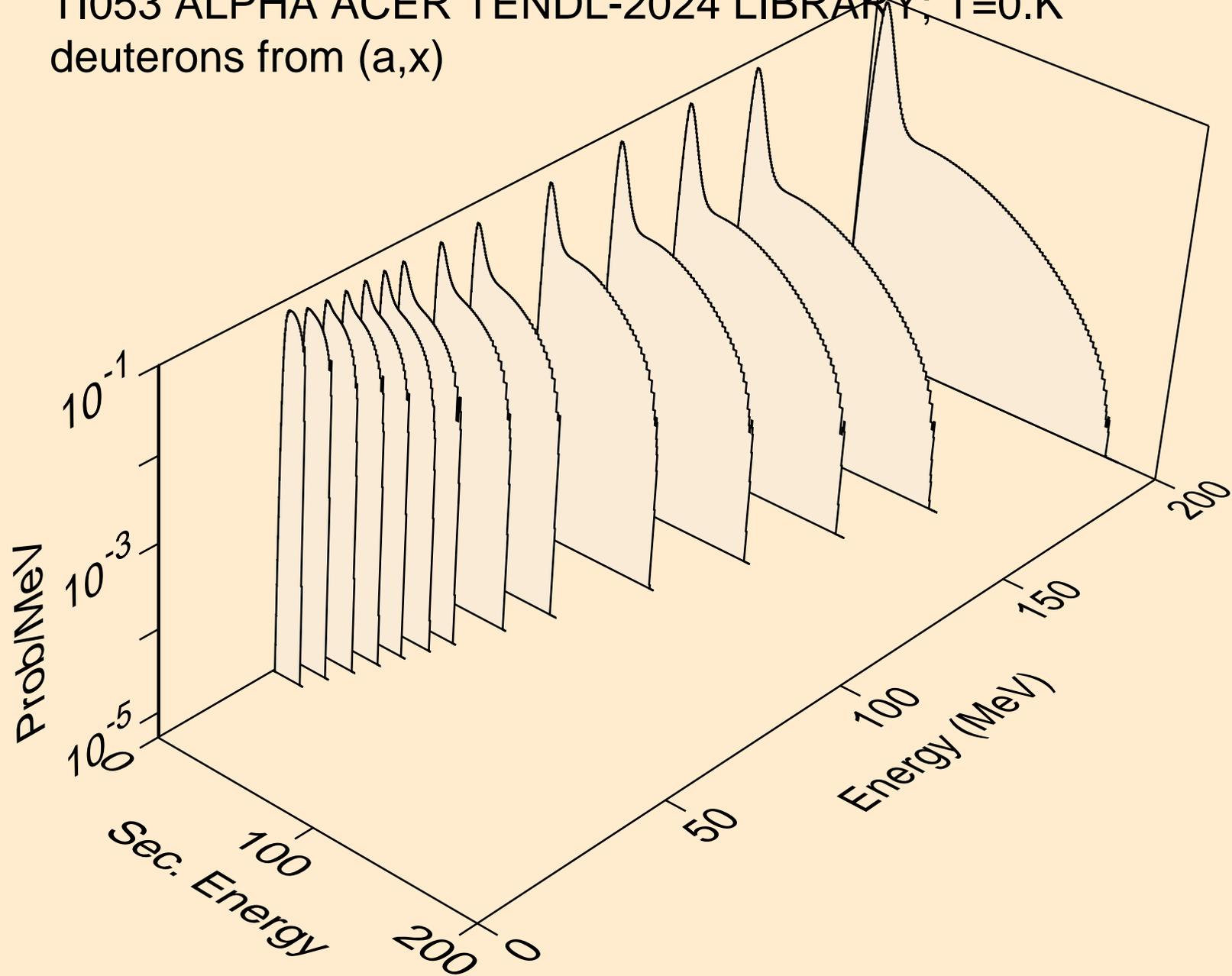
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,pd)



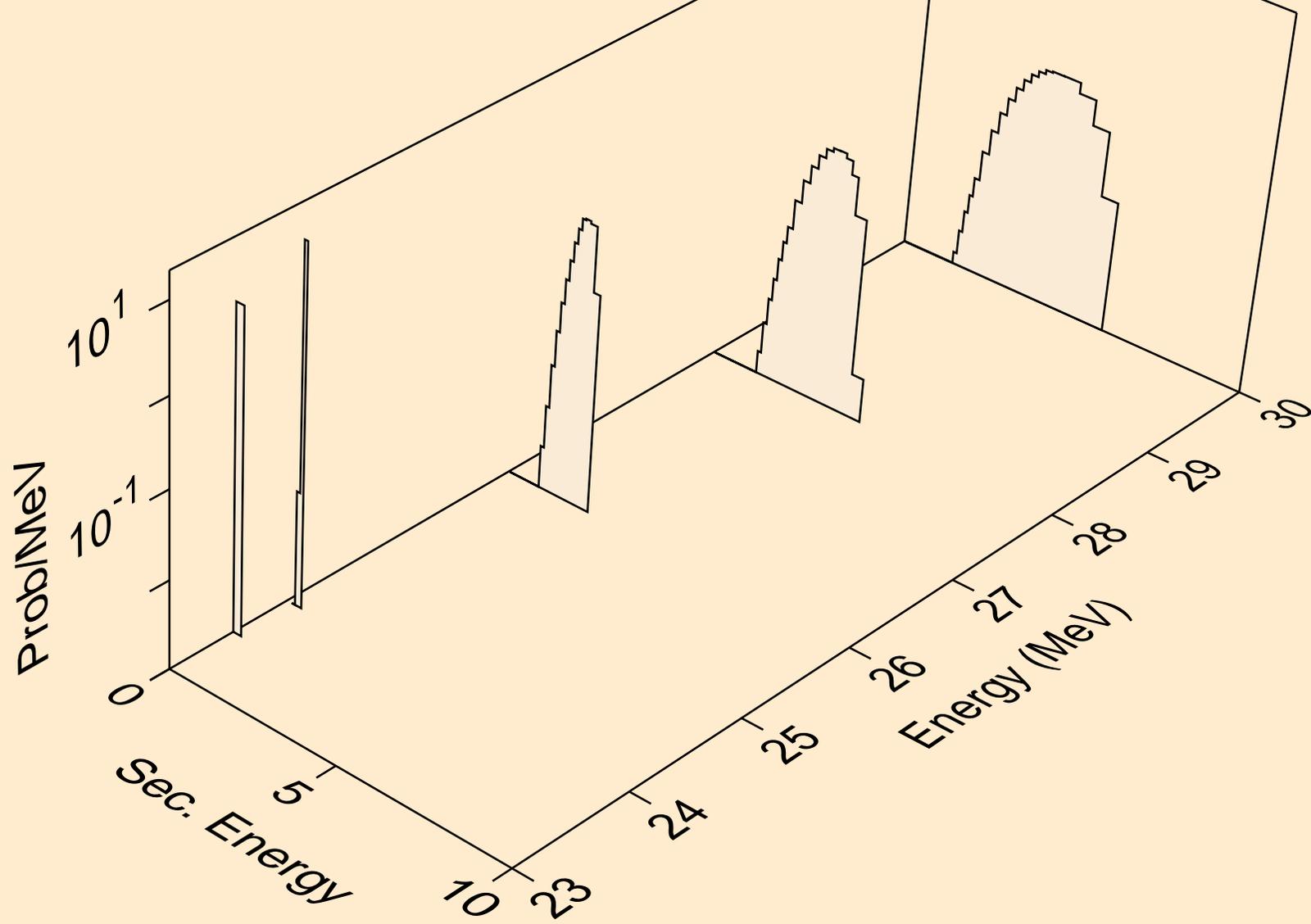
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
protons from (a,pt)



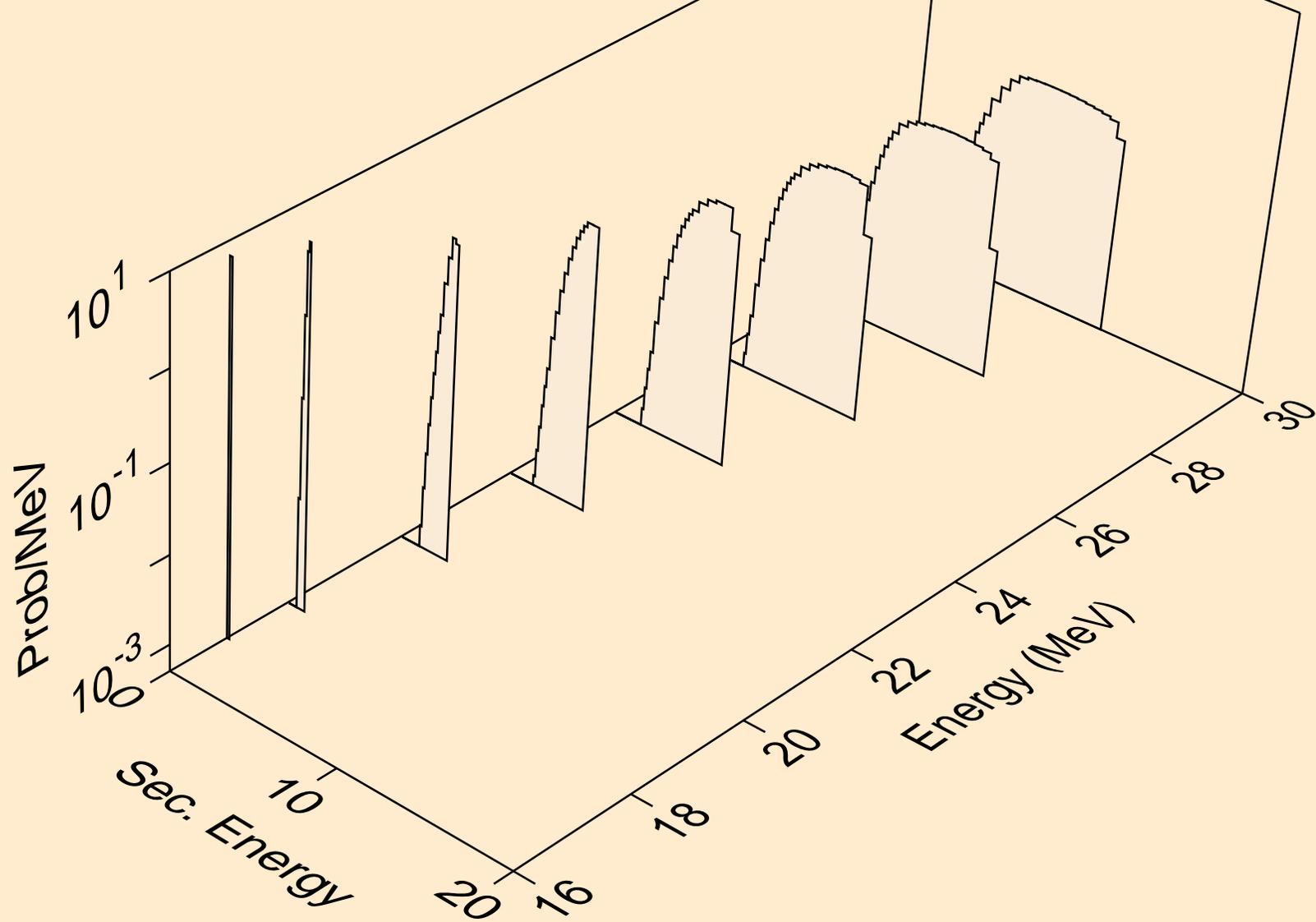
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (a,x)



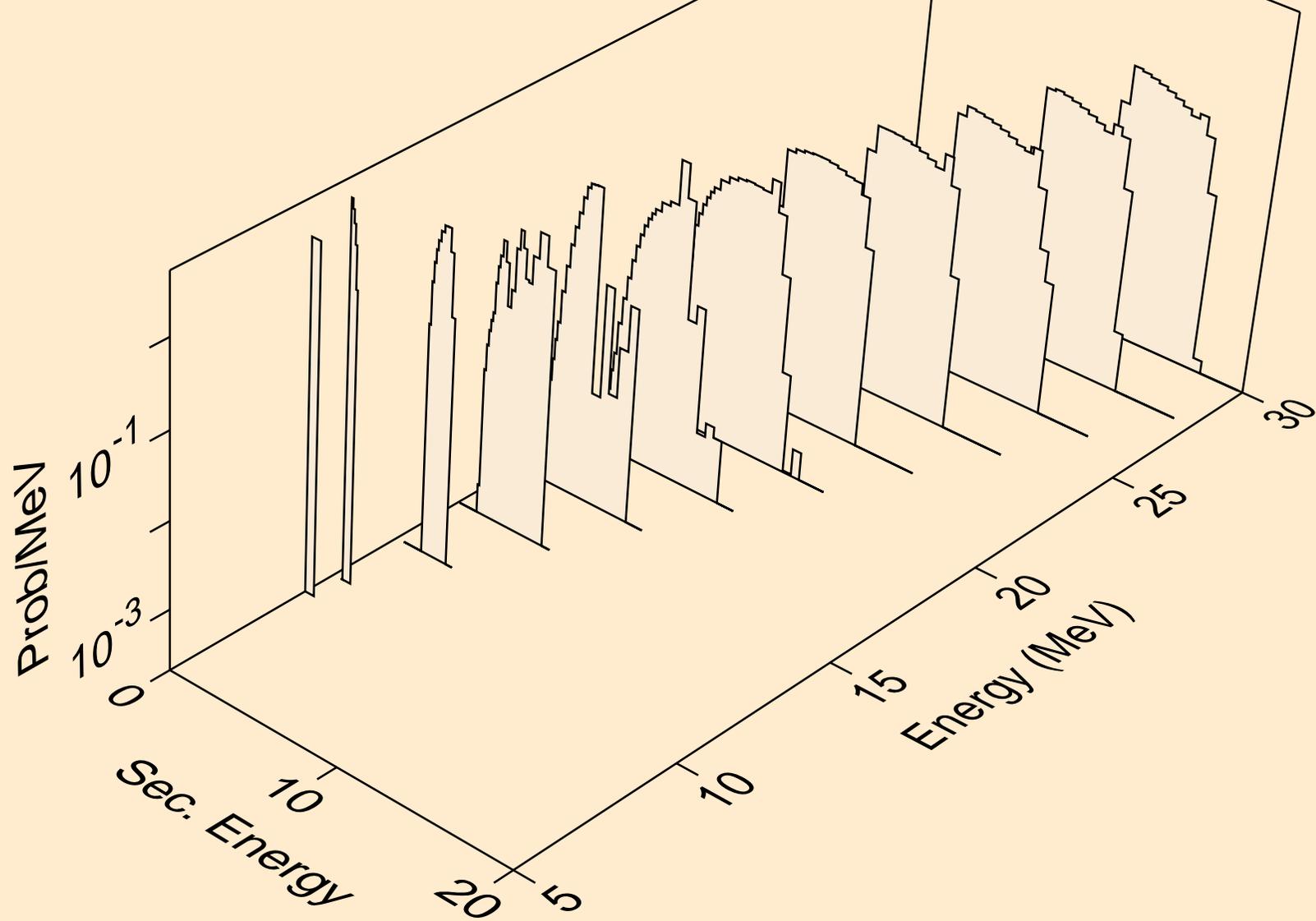
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (a,2nd)



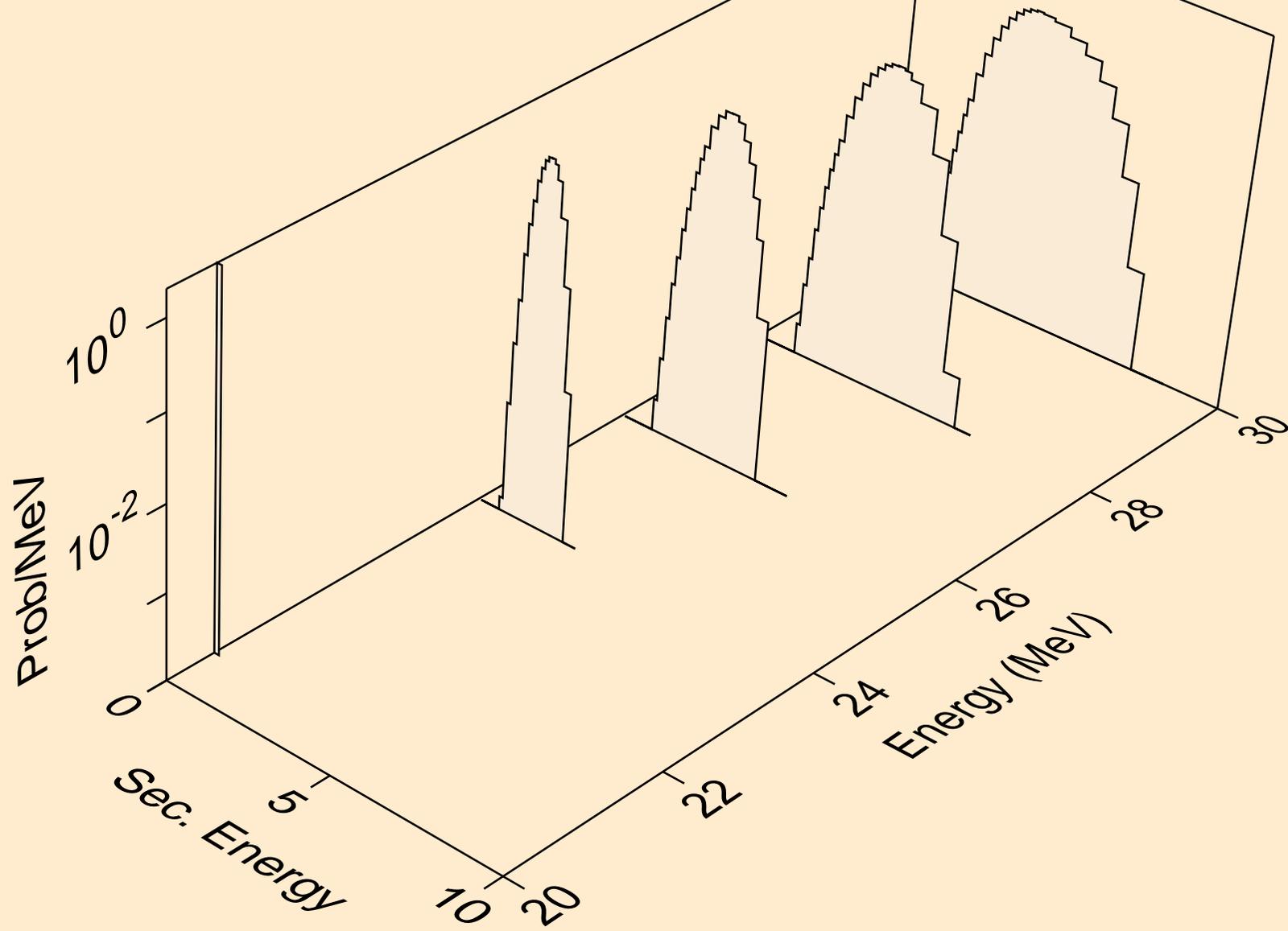
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (a,n\*)d



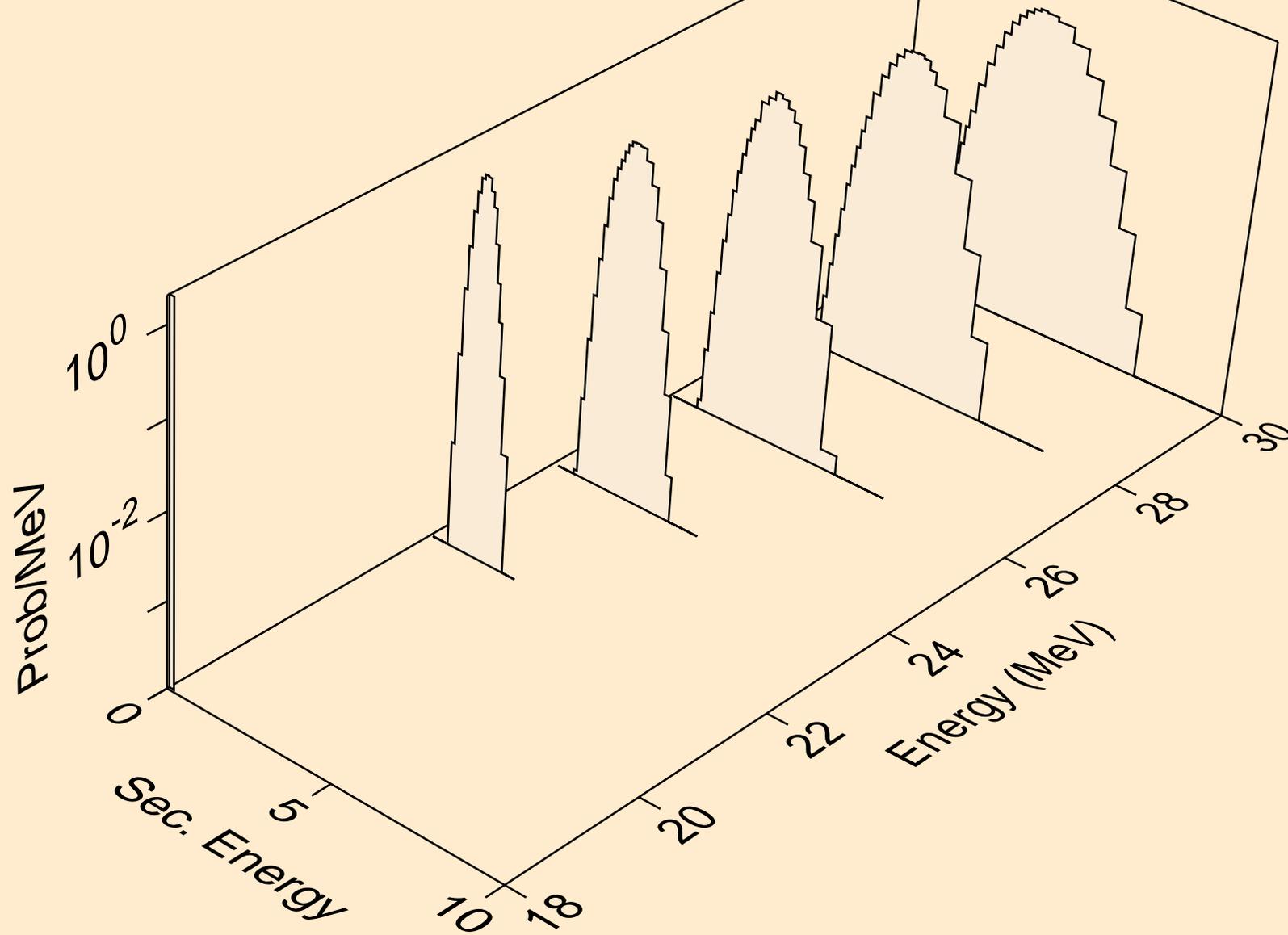
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (a,d)



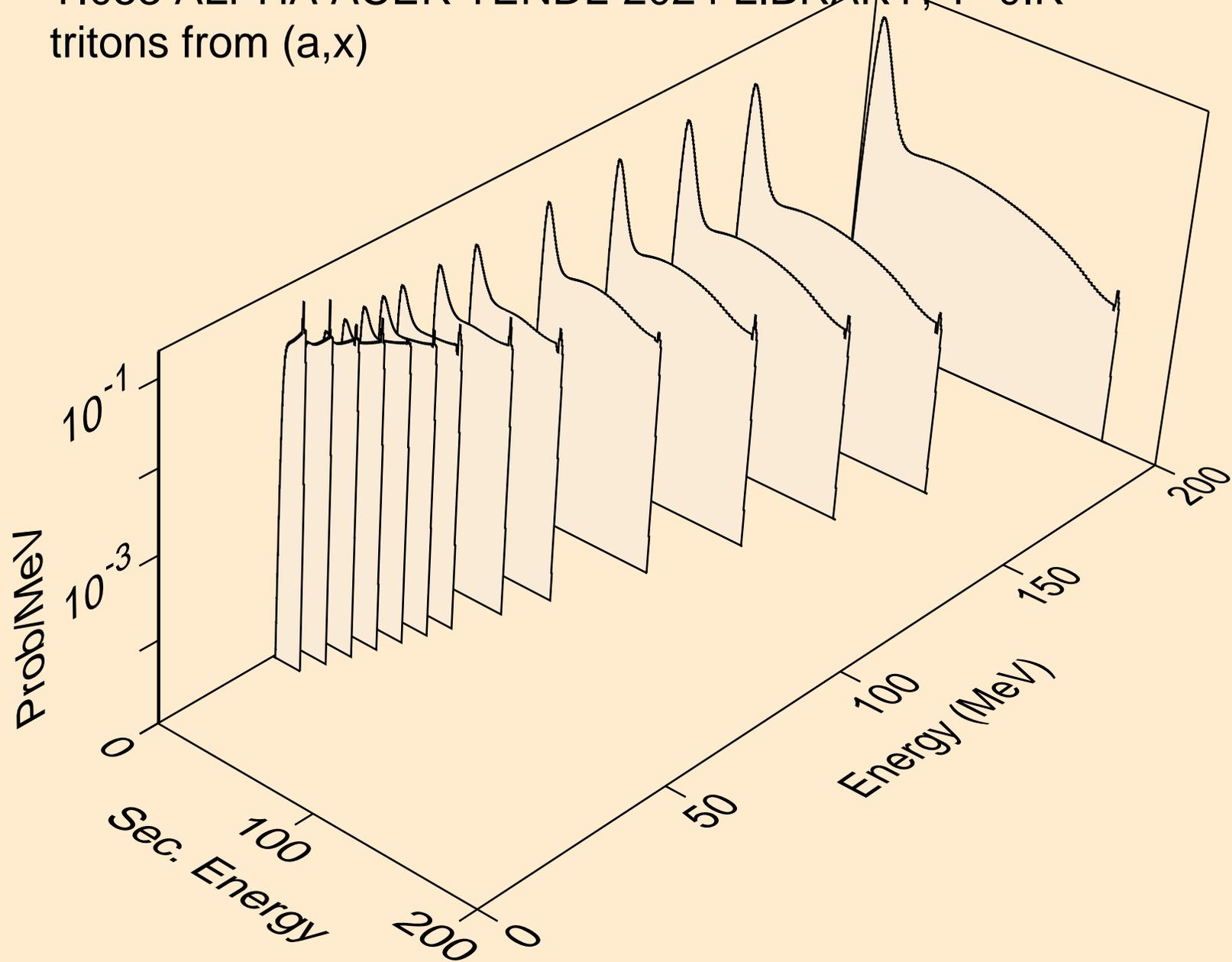
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (a,pd)



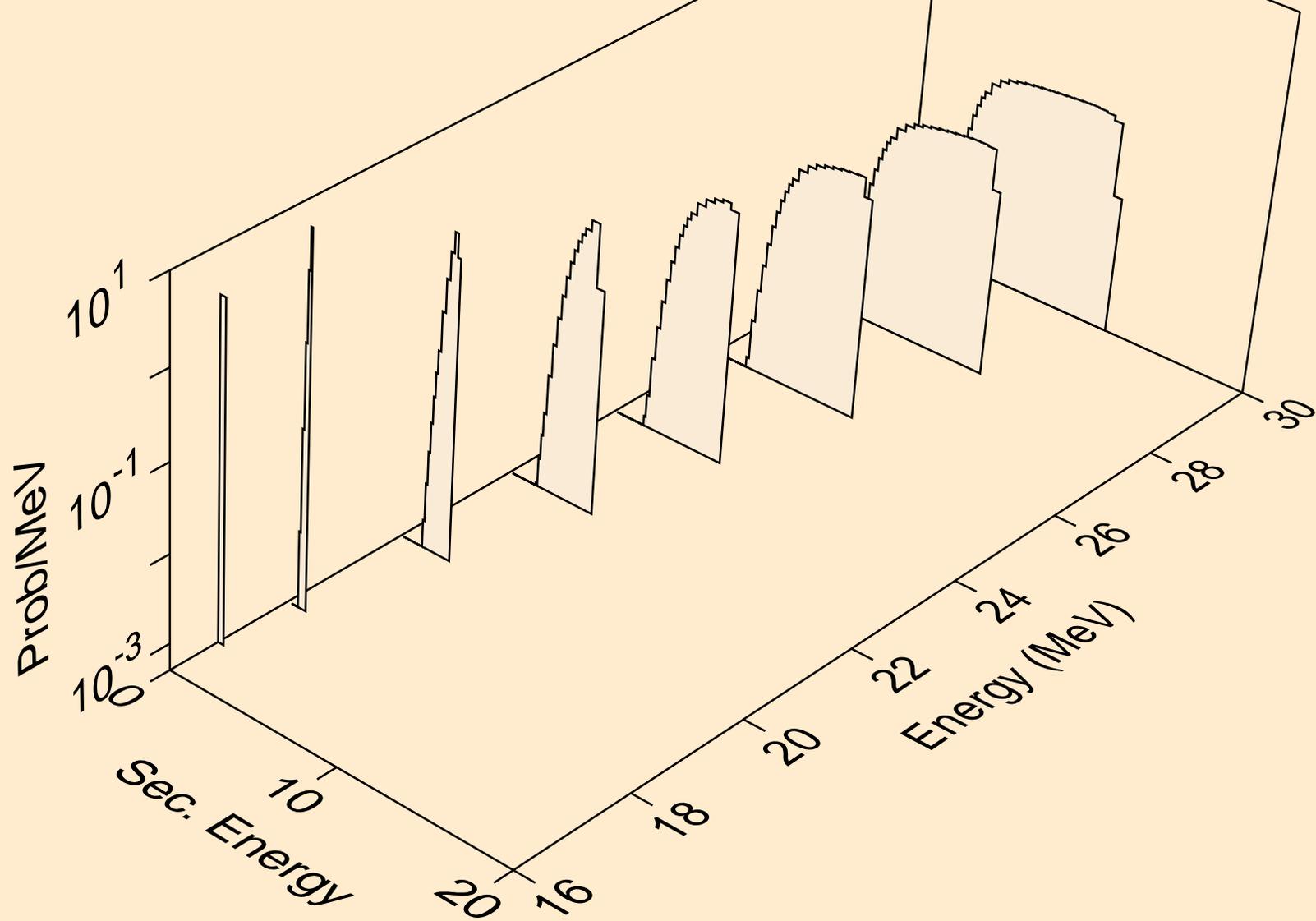
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
deuterons from (a,da)



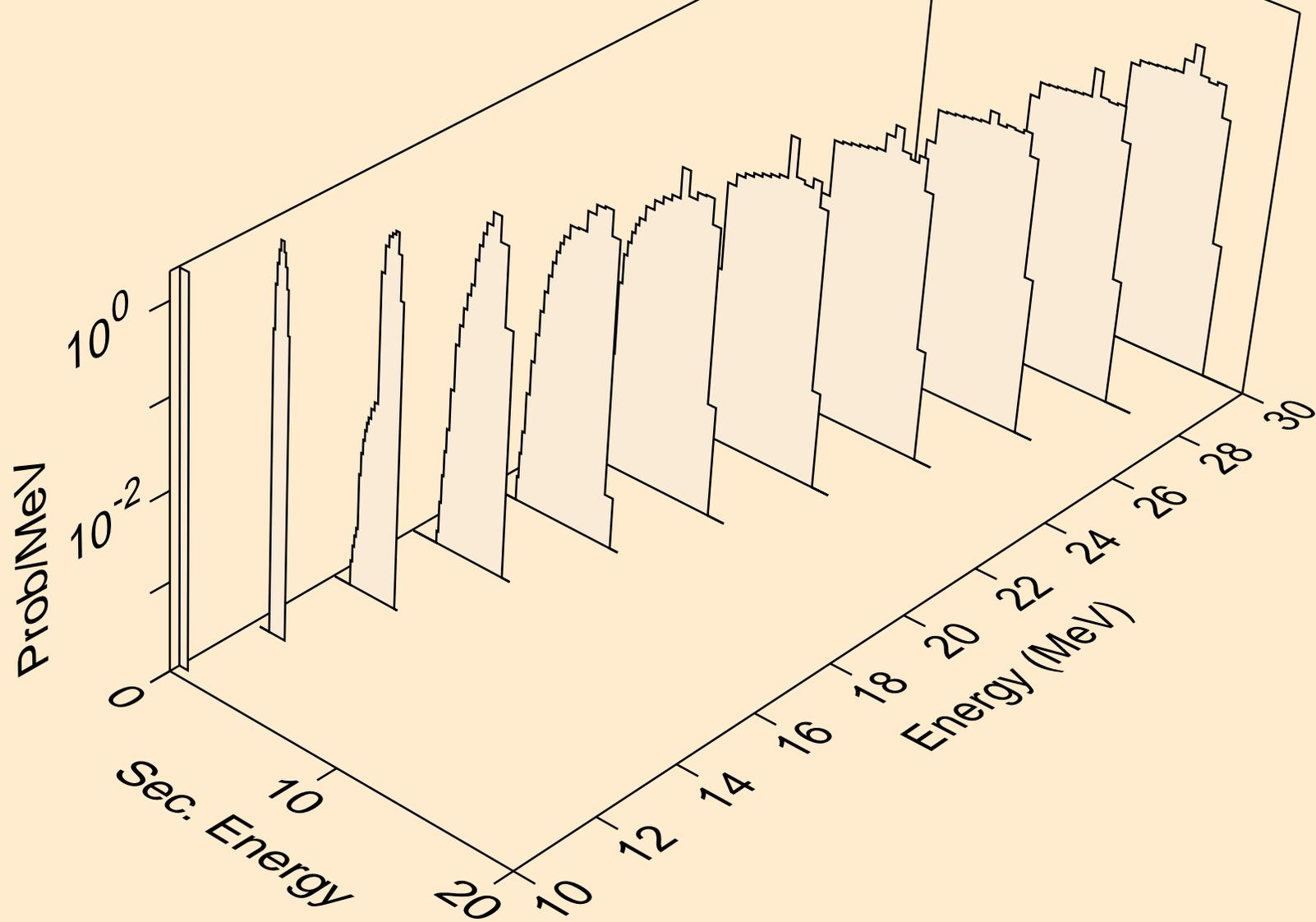
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,x)



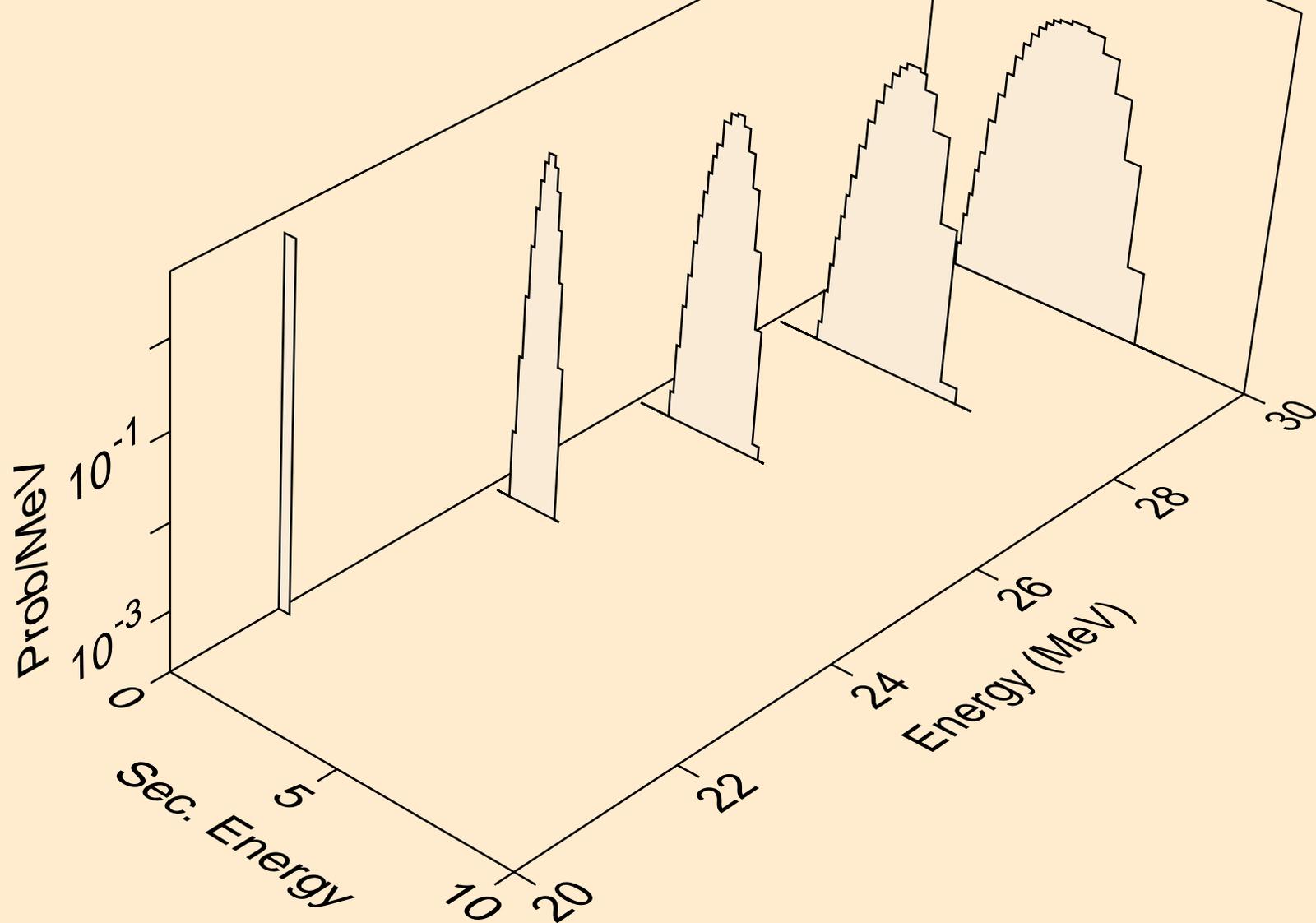
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,n\*)t



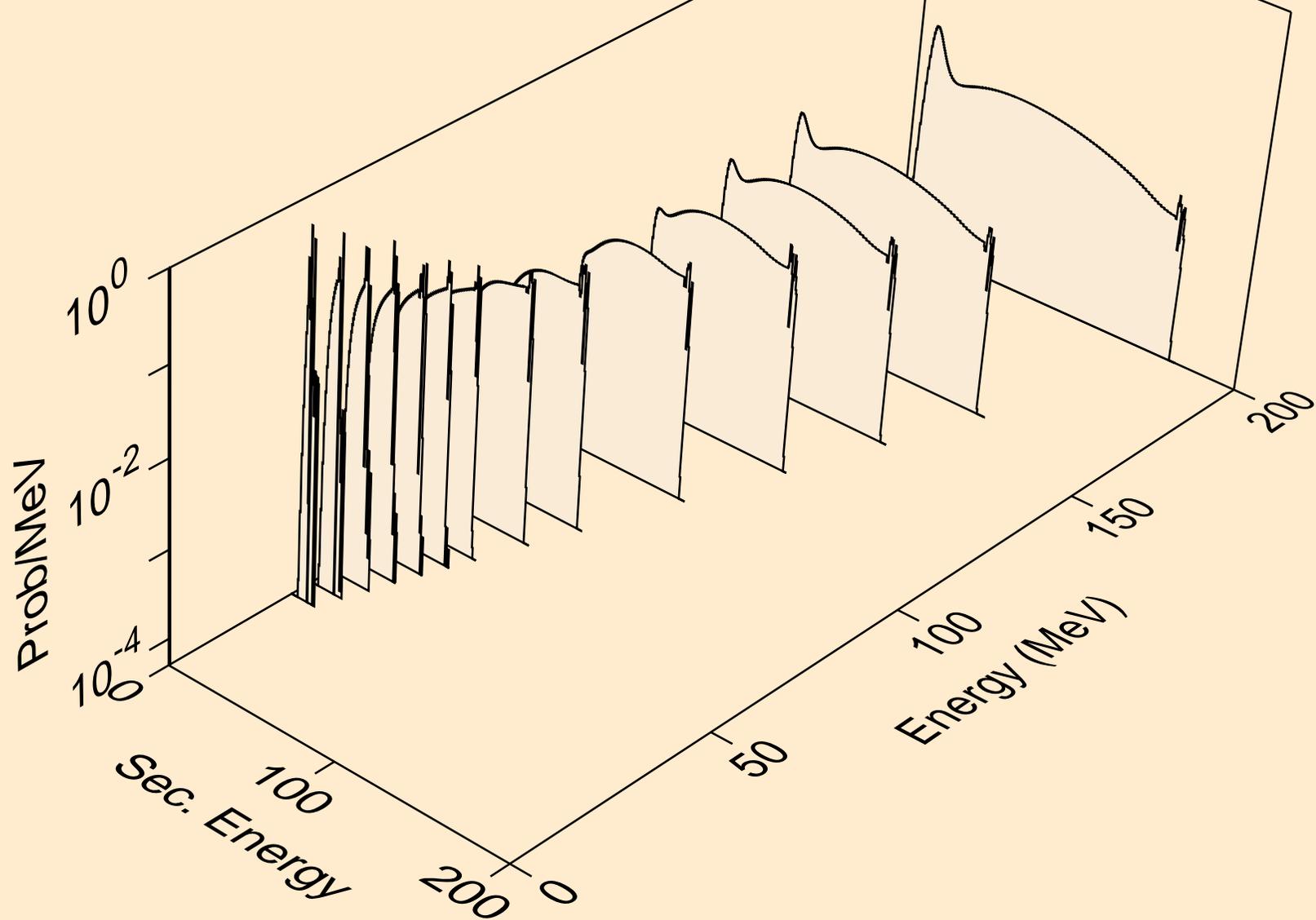
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,t)



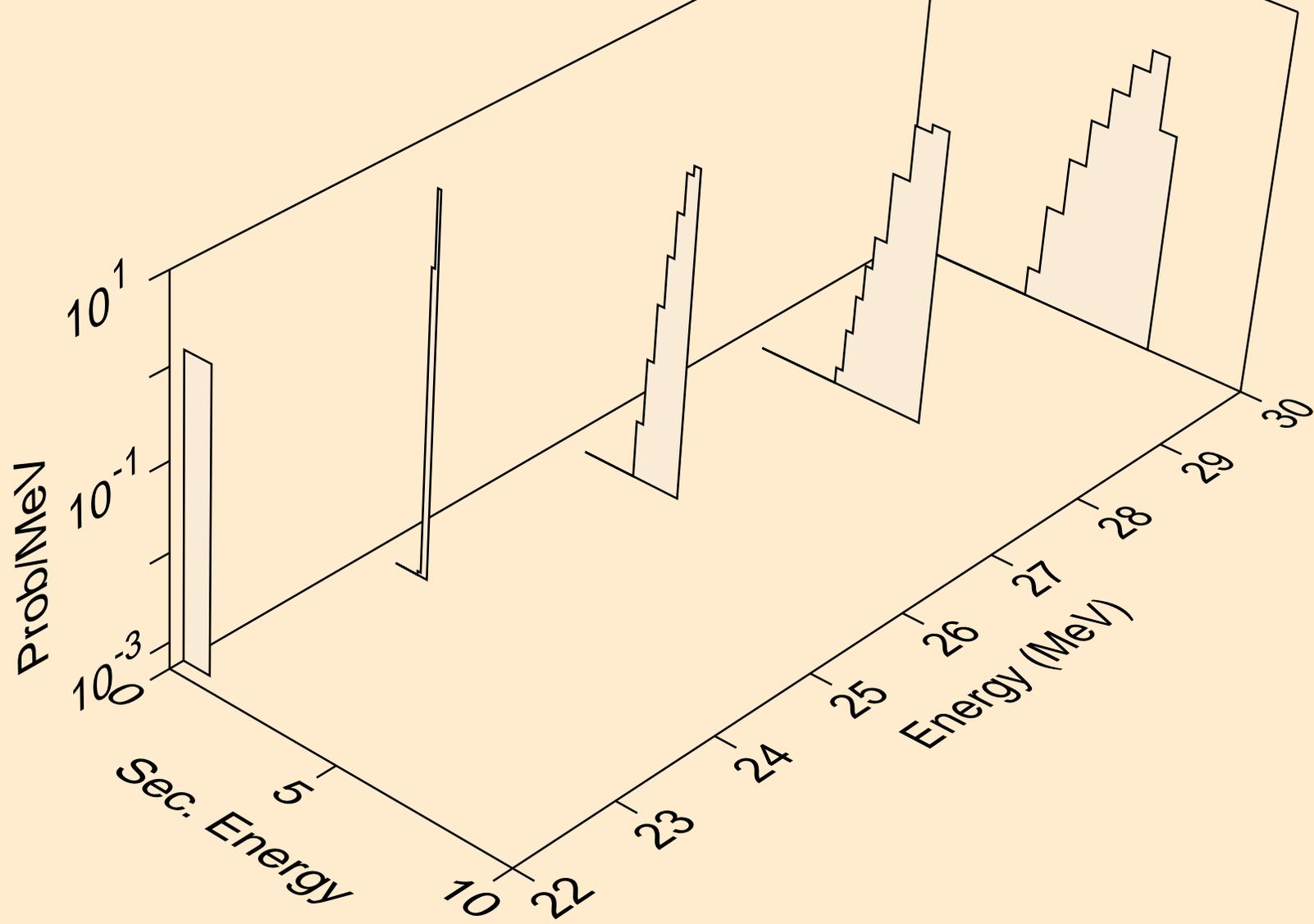
TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
tritons from (a,pt)



TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (a,x)



TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (a,n\*)he3



TI053 ALPHA ACER TENDL-2024 LIBRARY; T=0.K  
he3s from (a,he3)

