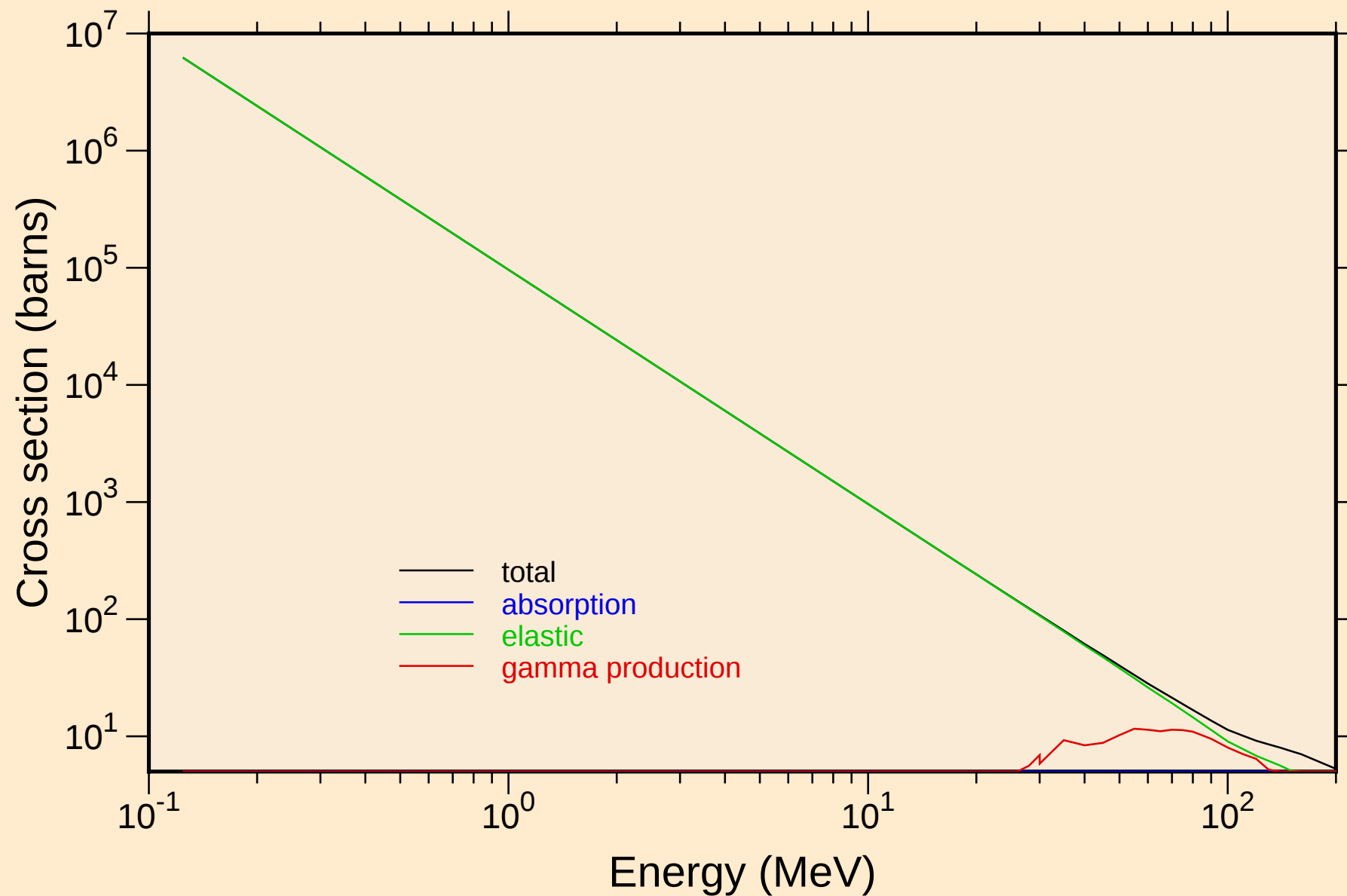


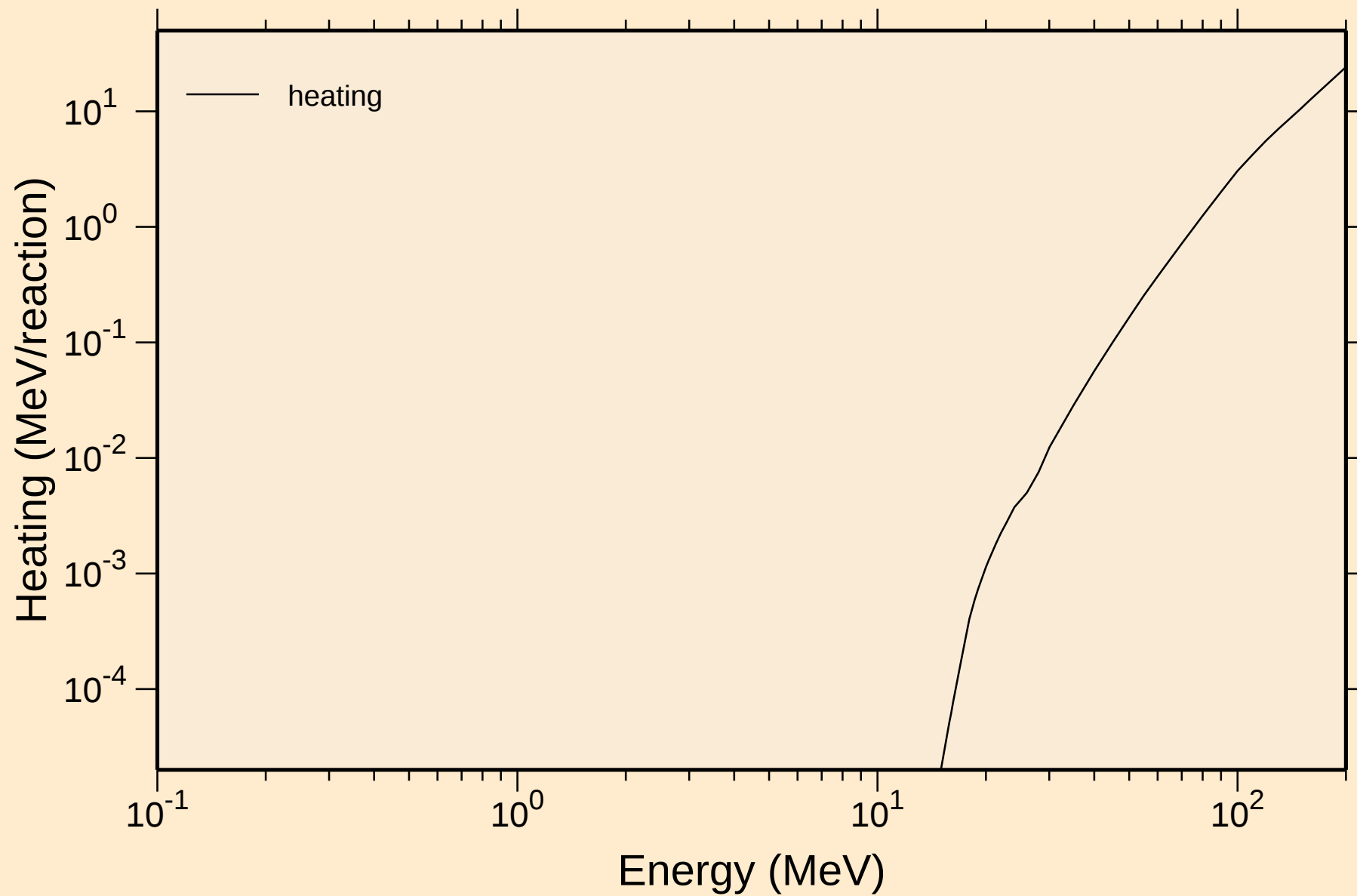
PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Principal cross sections



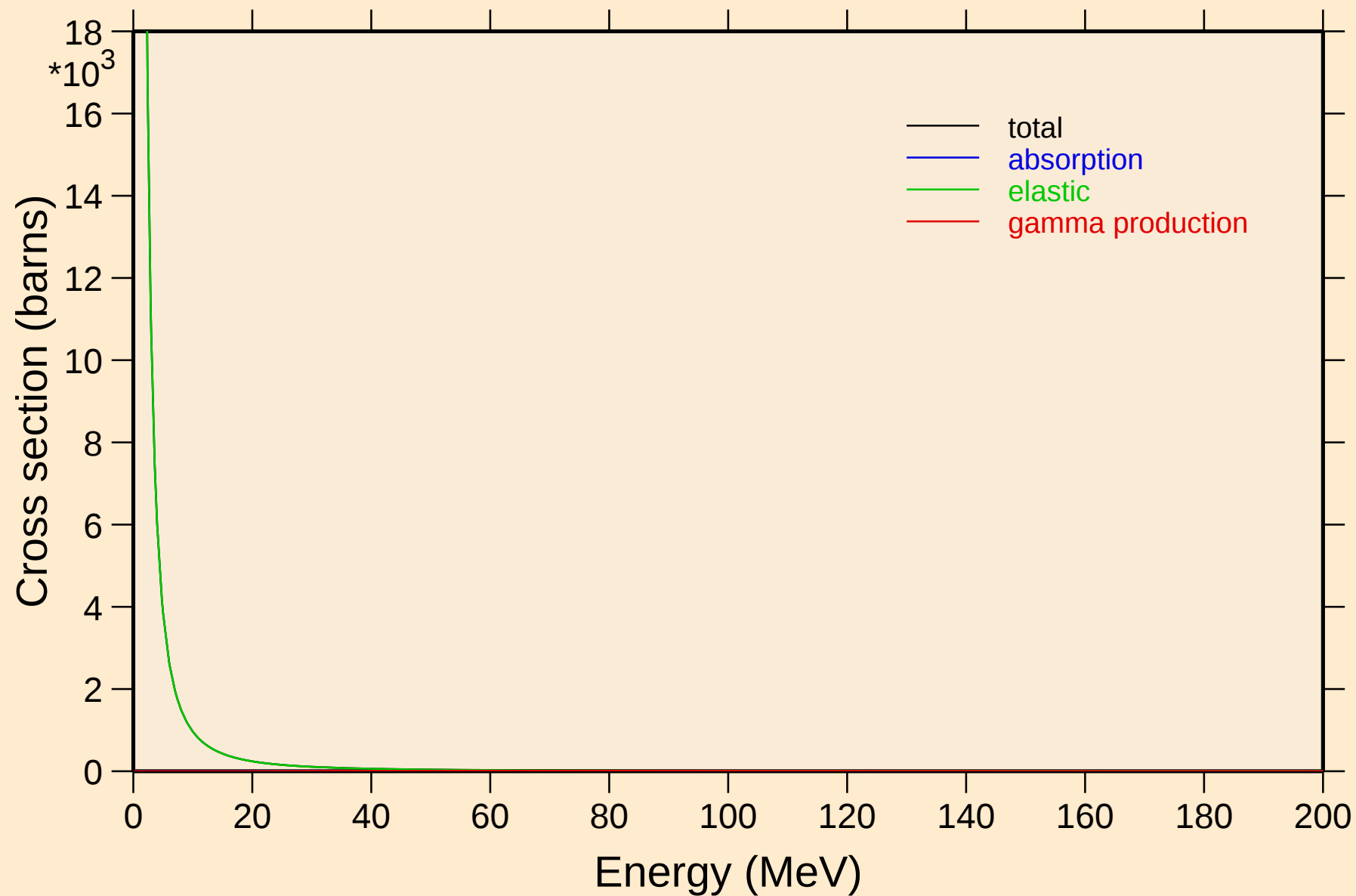
PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Heating



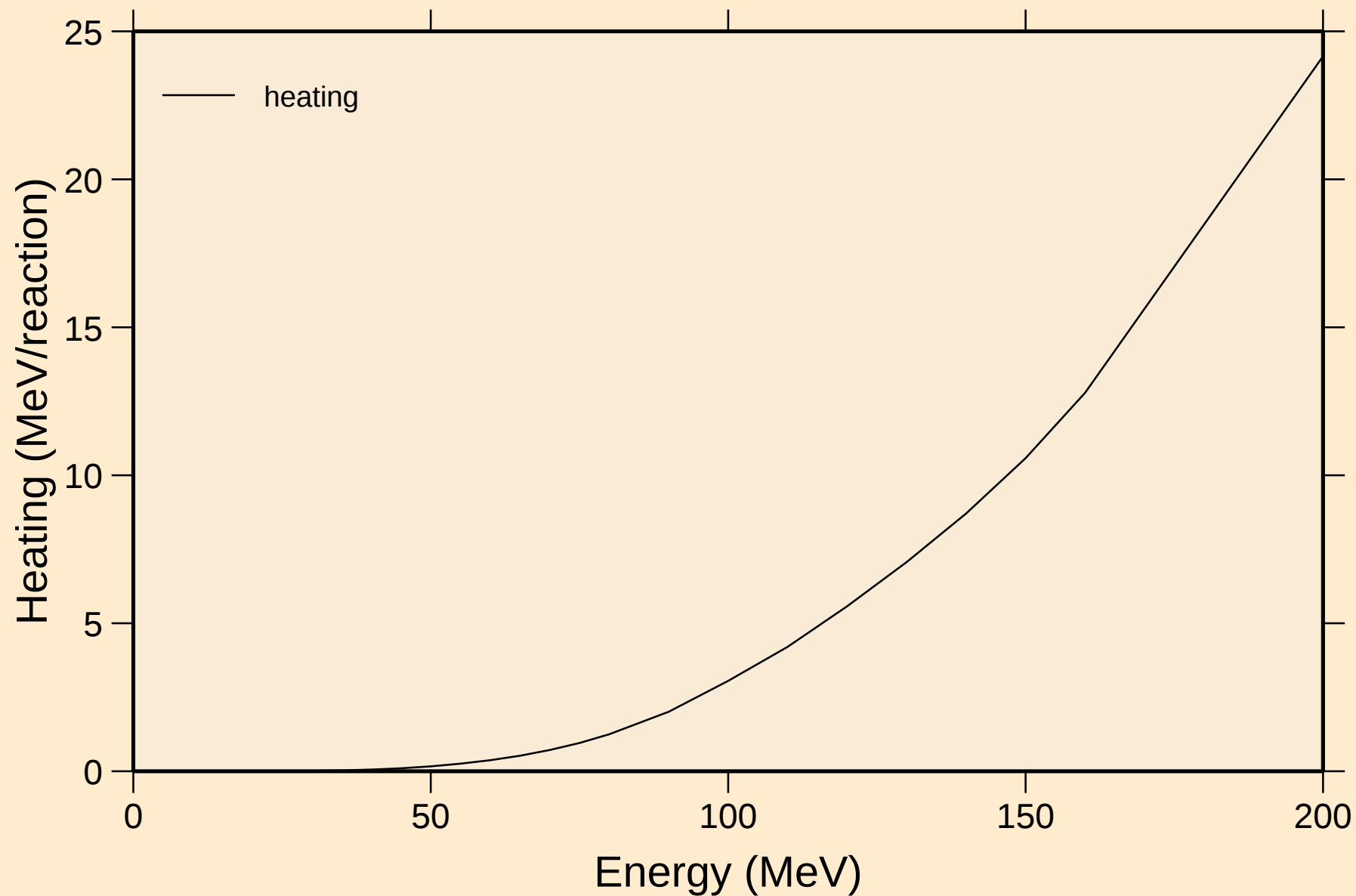
PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Principal cross sections



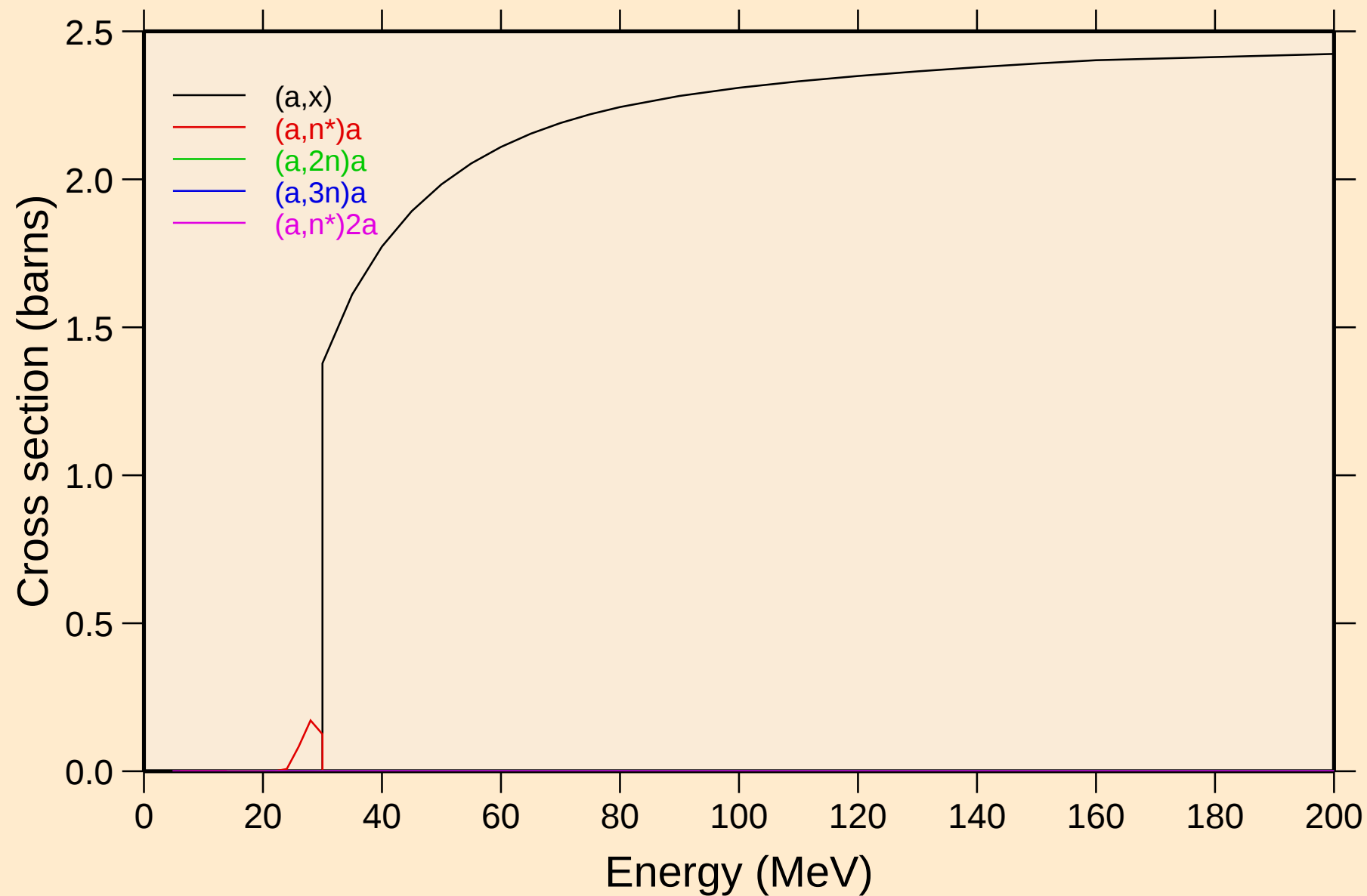
PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Heating



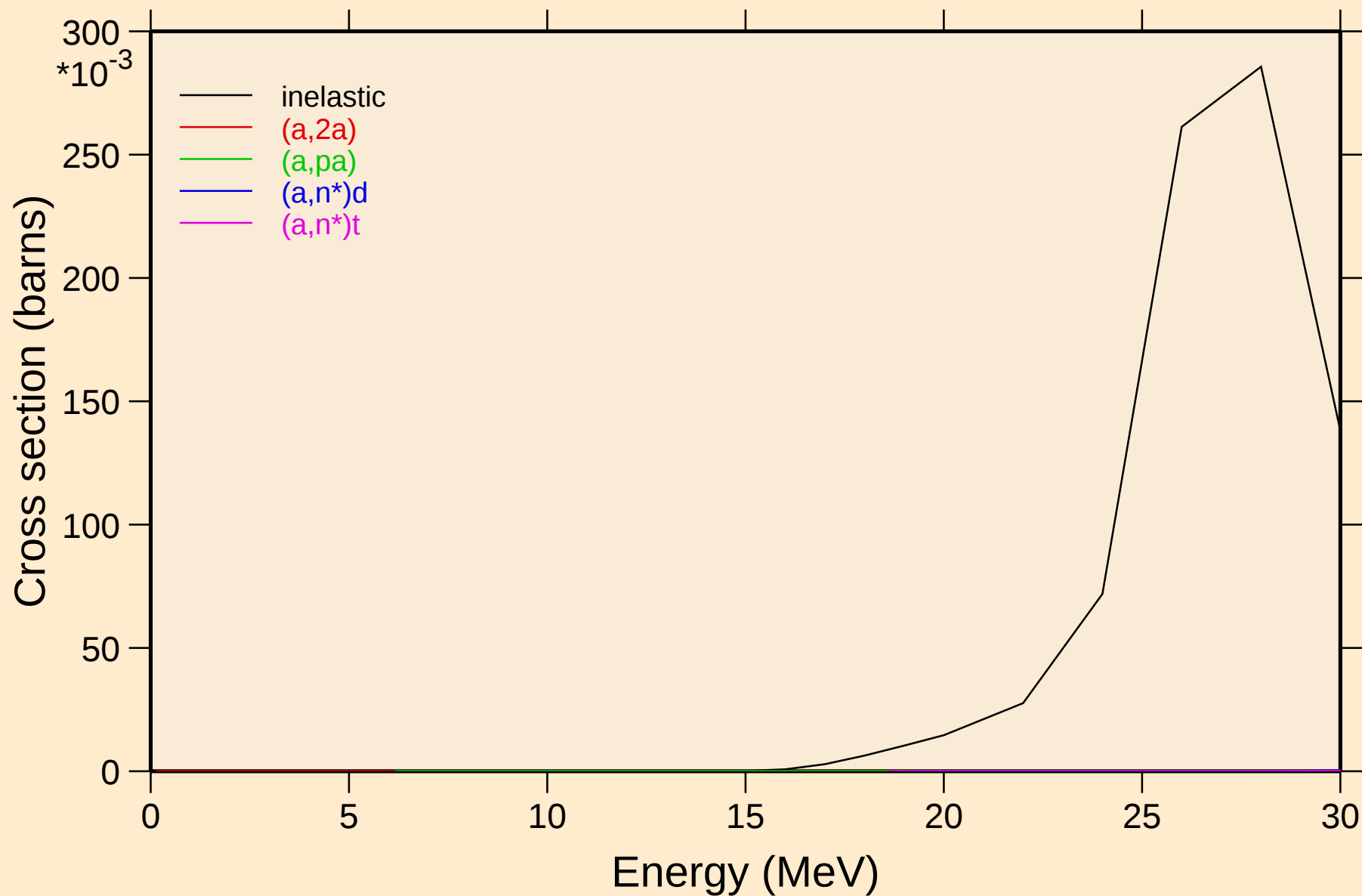
PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Threshold reactions



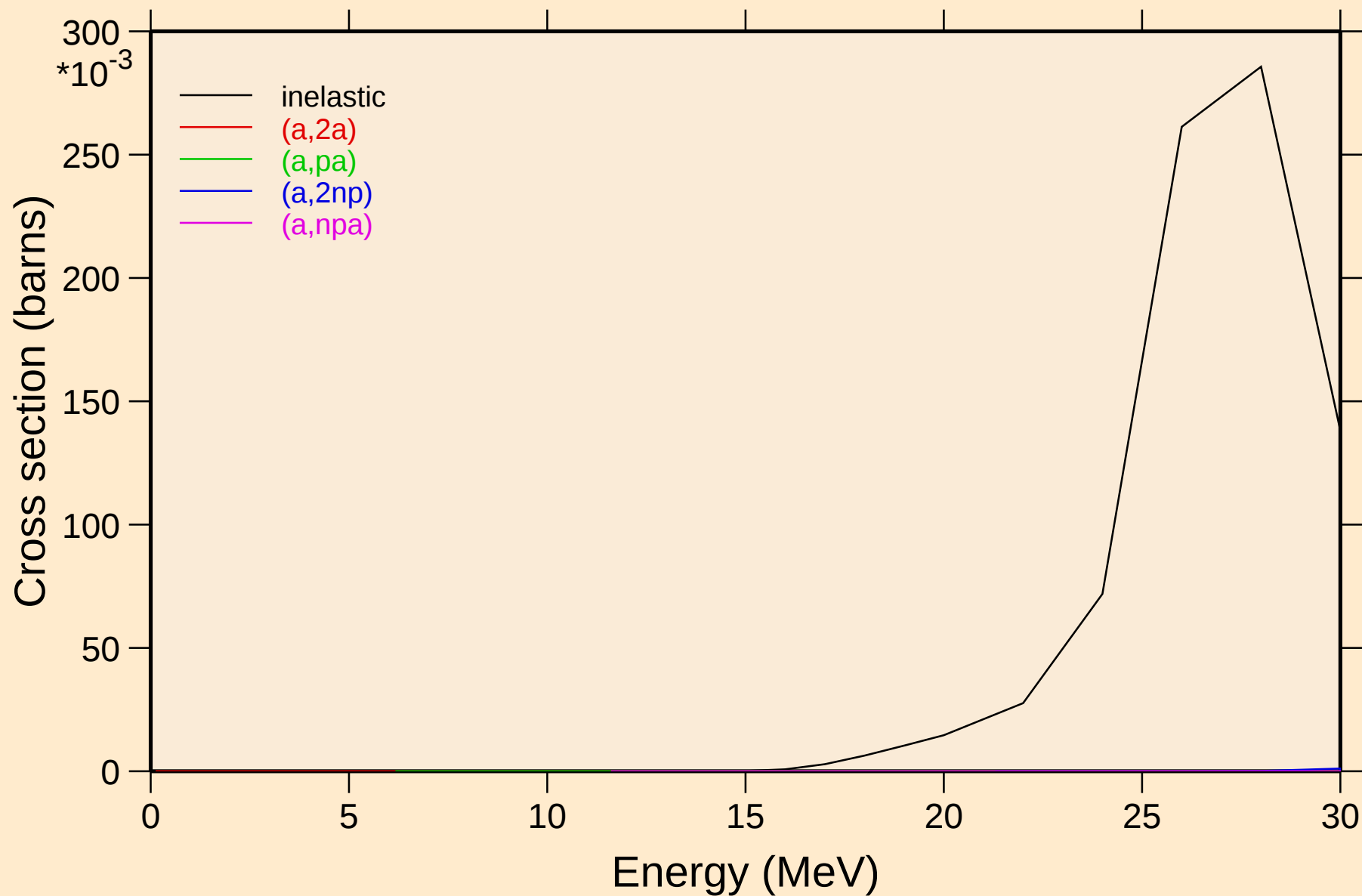
PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Threshold reactions



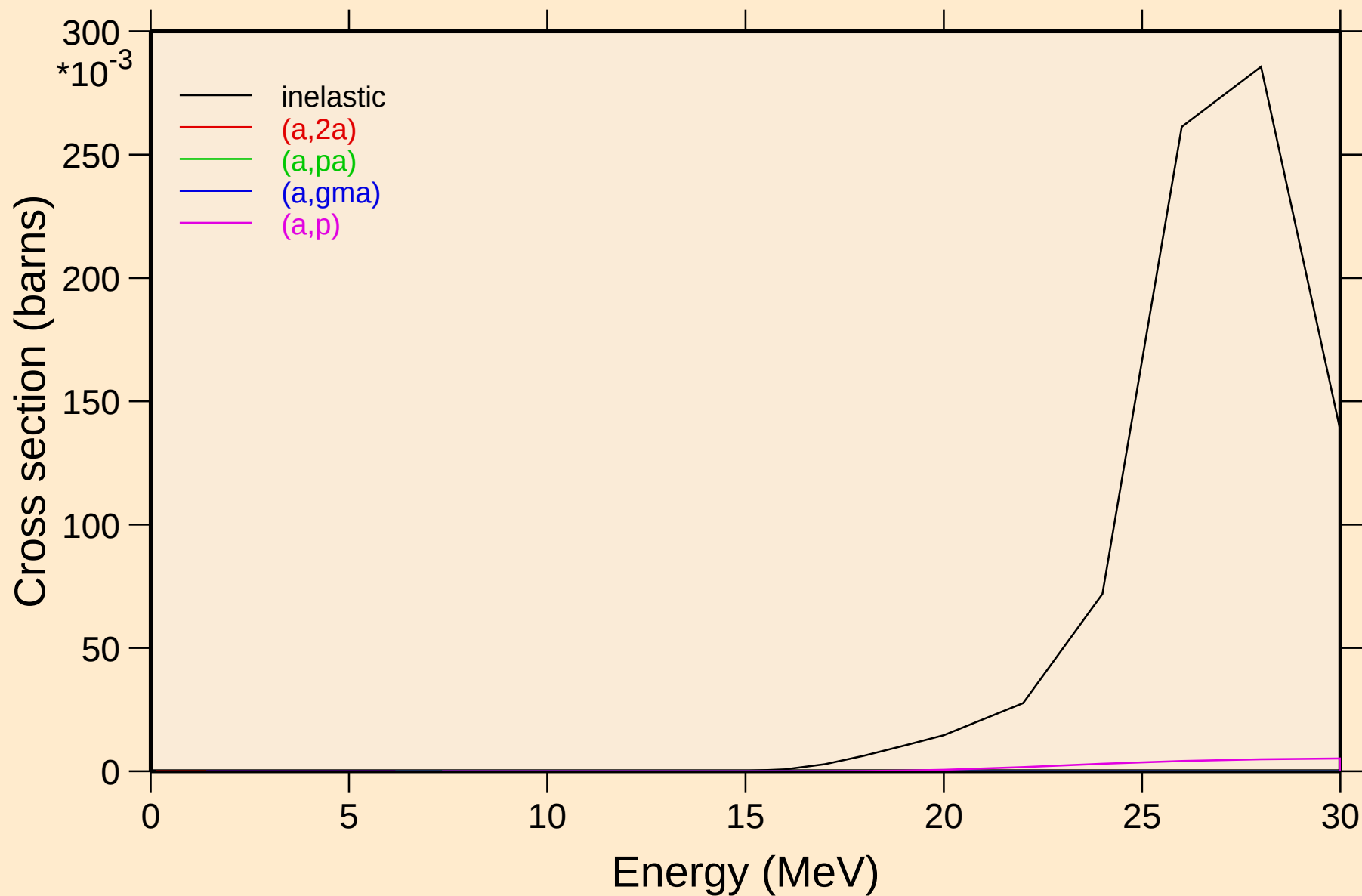
PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Threshold reactions



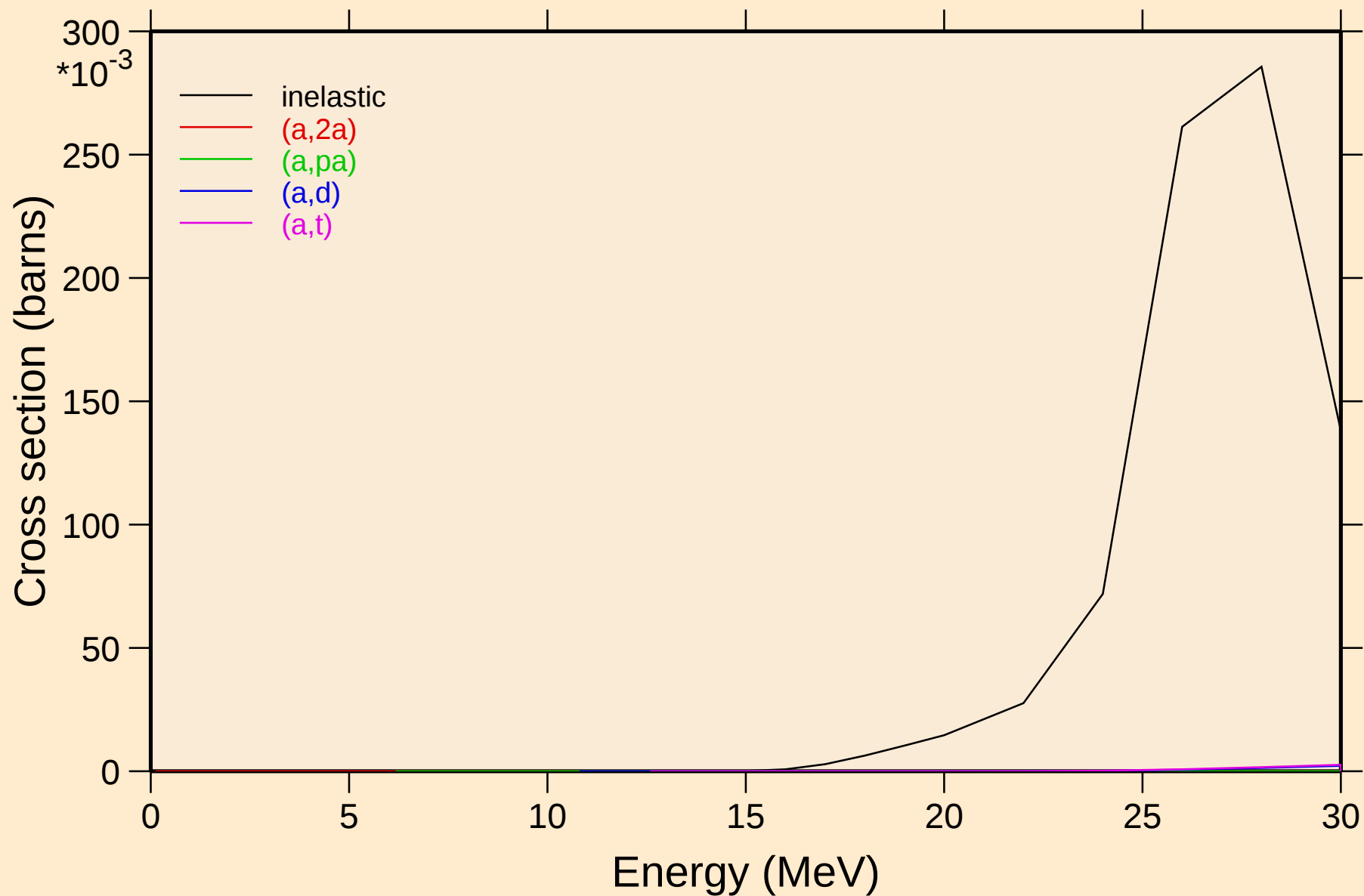
PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Threshold reactions



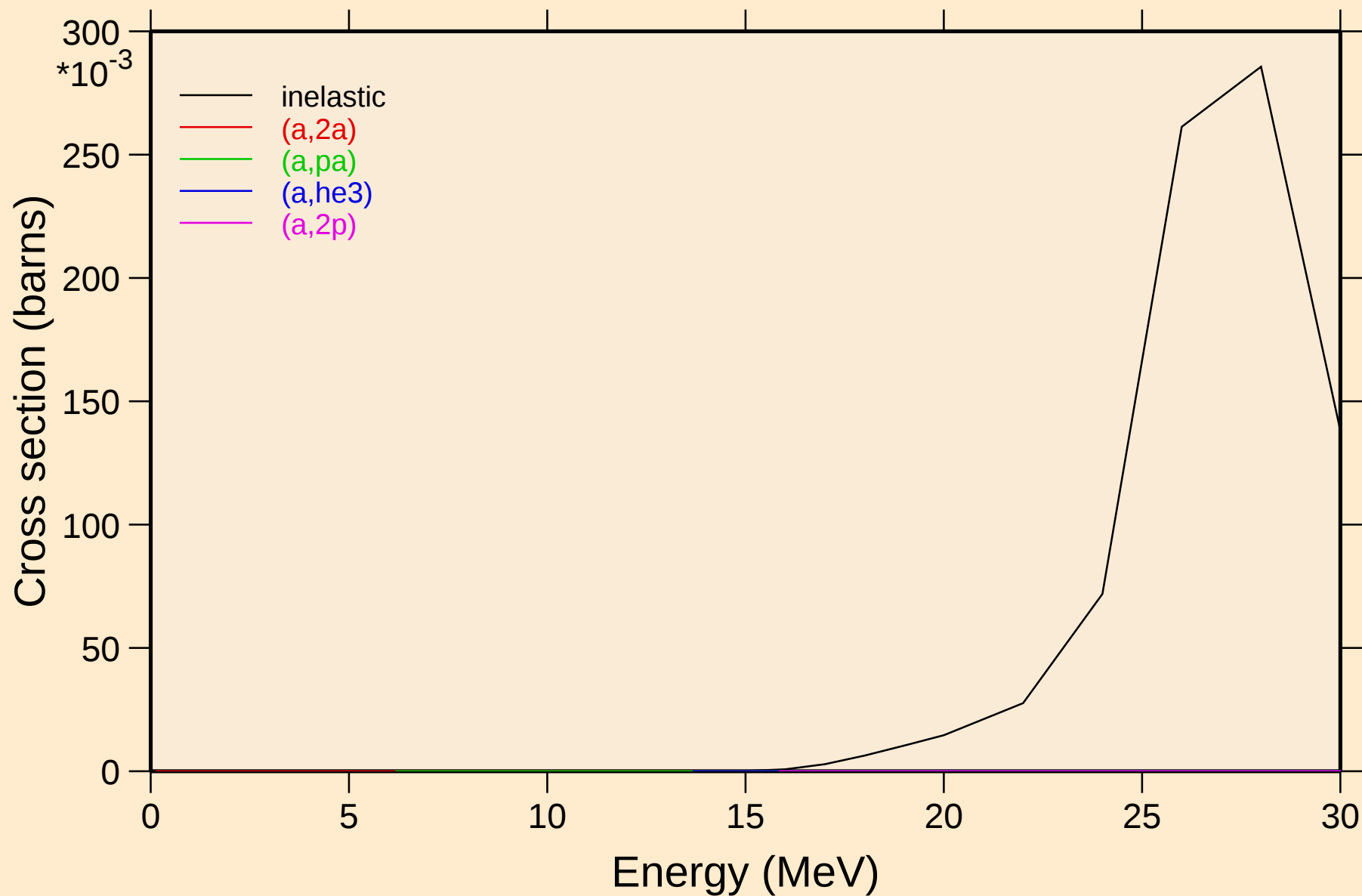
PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Threshold reactions



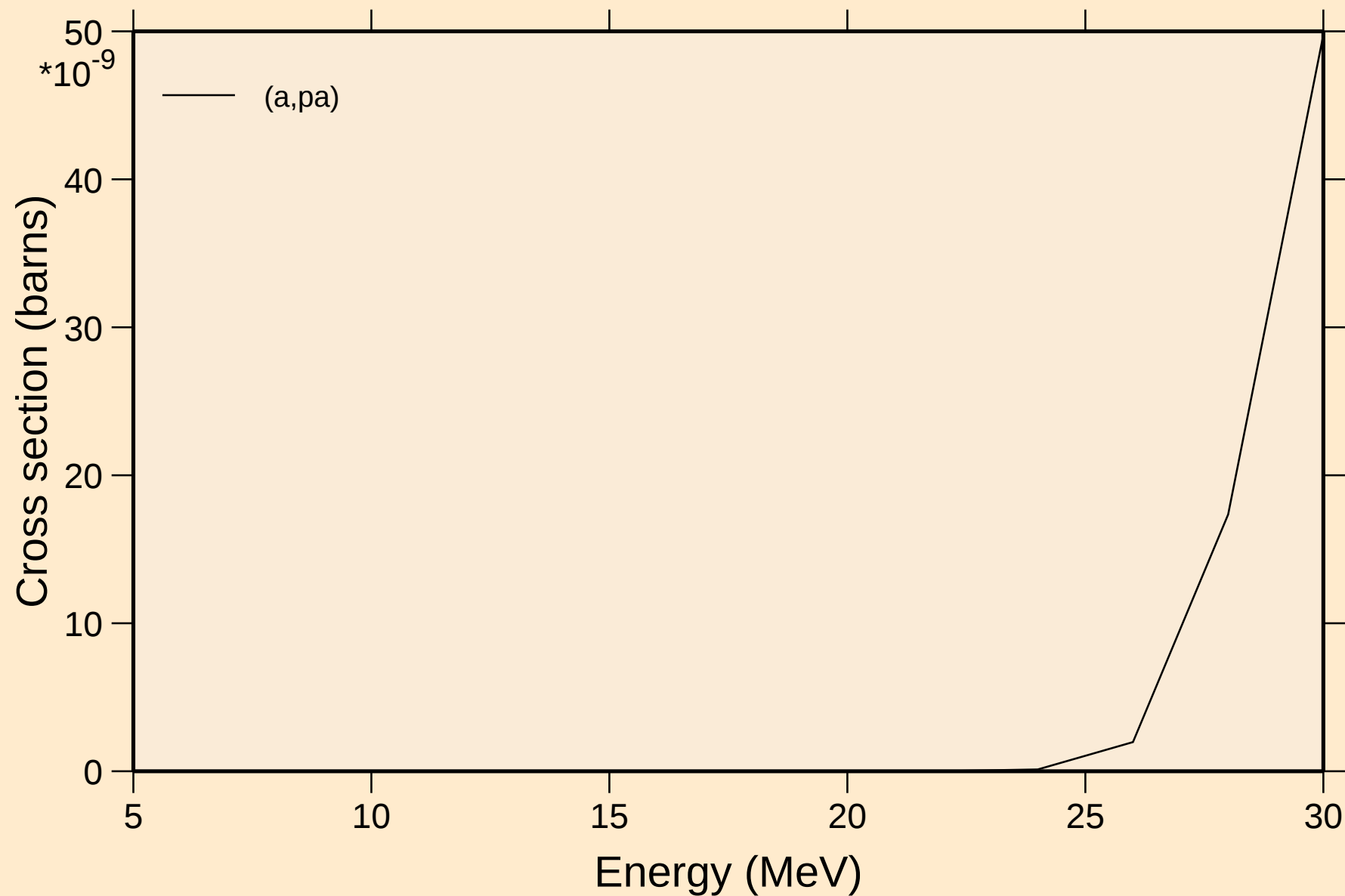
PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Threshold reactions

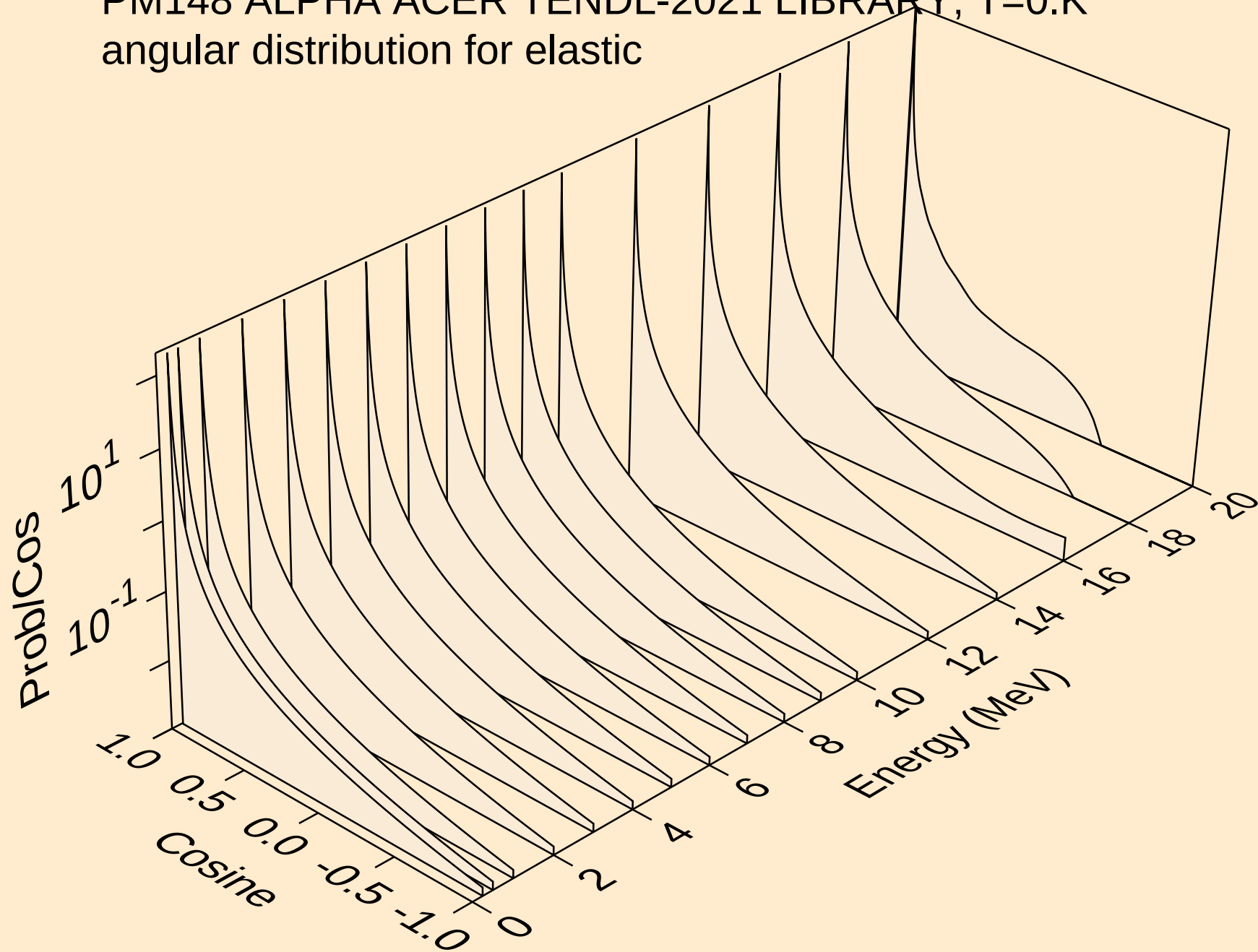


PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

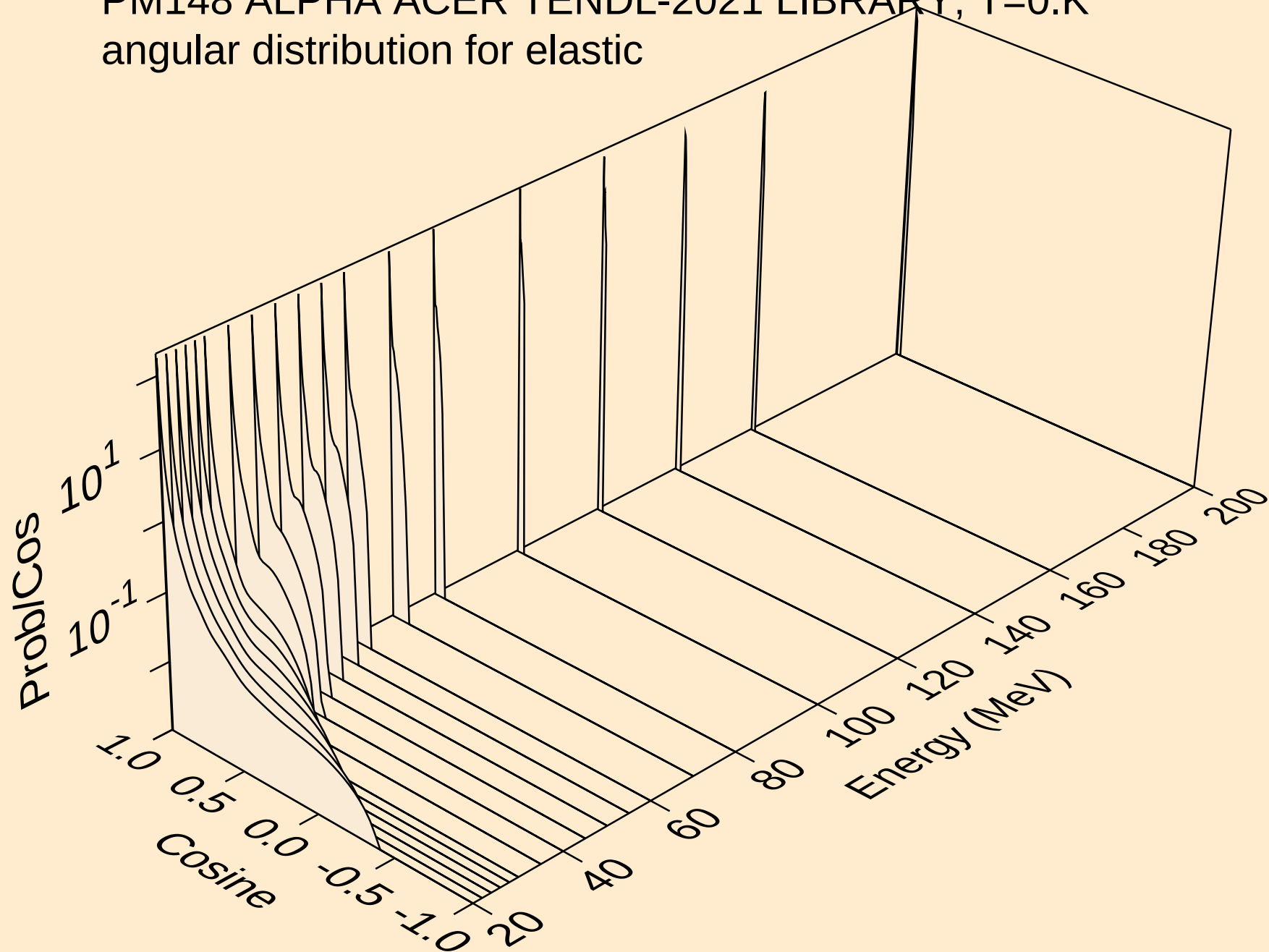
Threshold reactions



PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
angular distribution for elastic

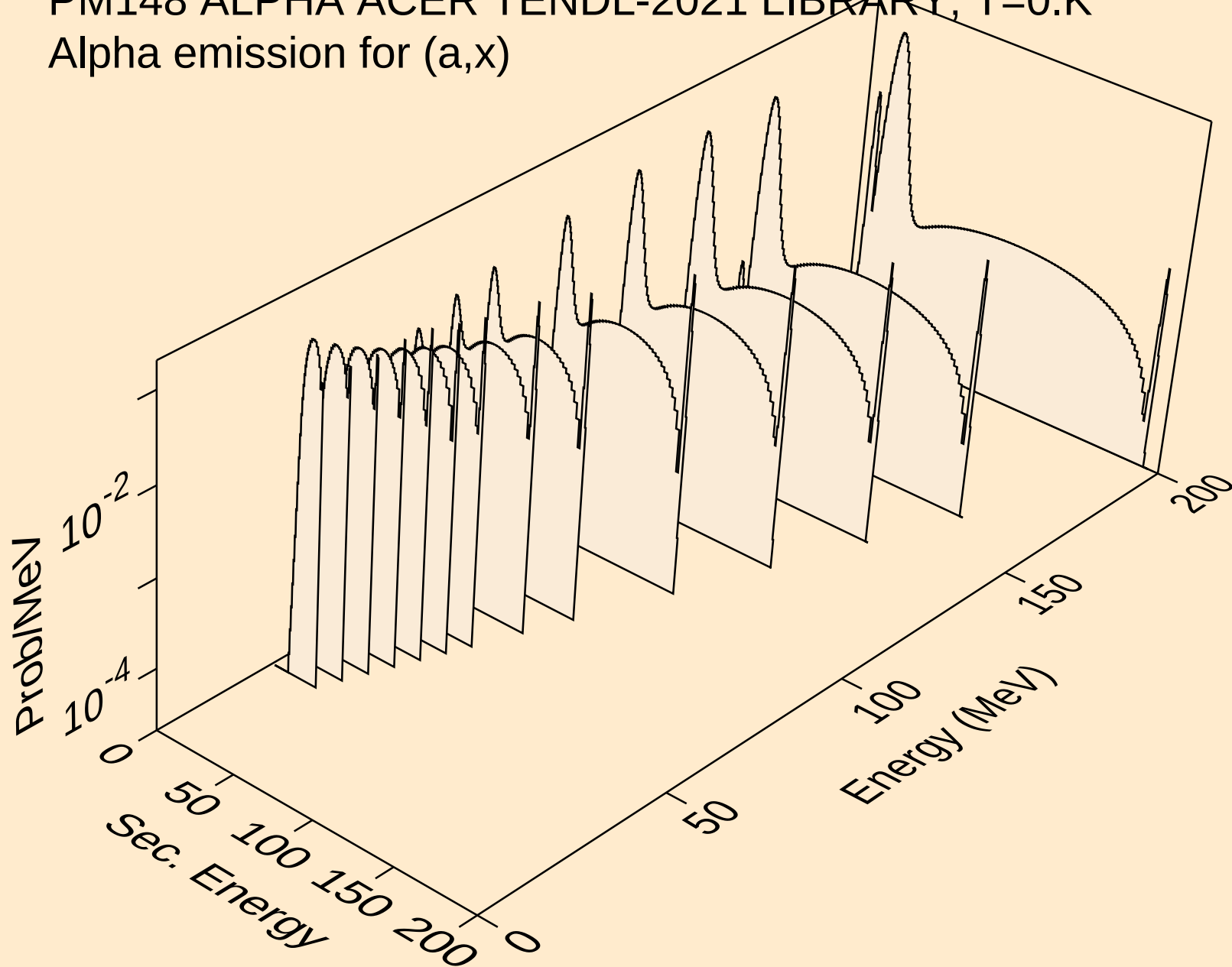


PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
angular distribution for elastic

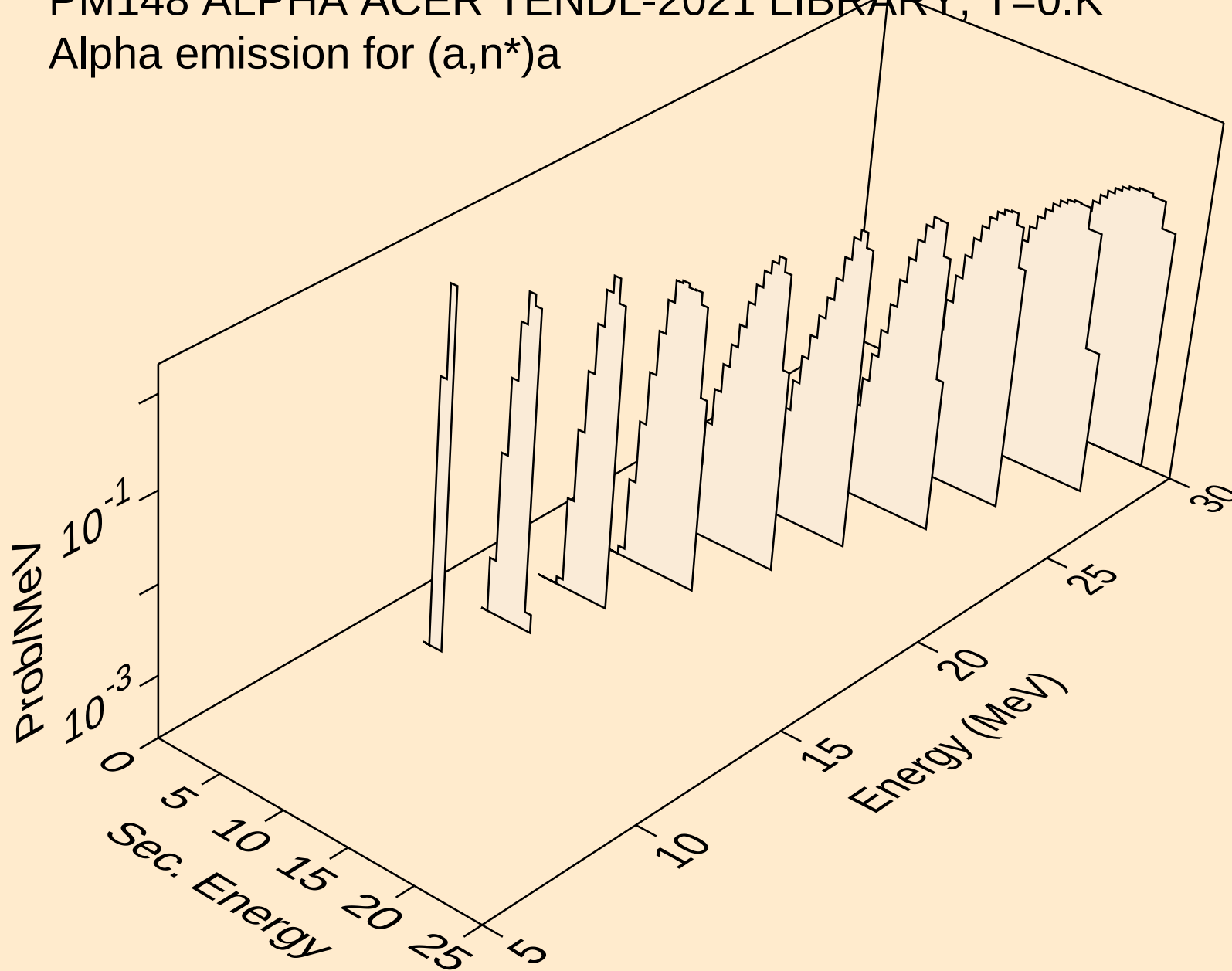


PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Alpha emission for (a,x)

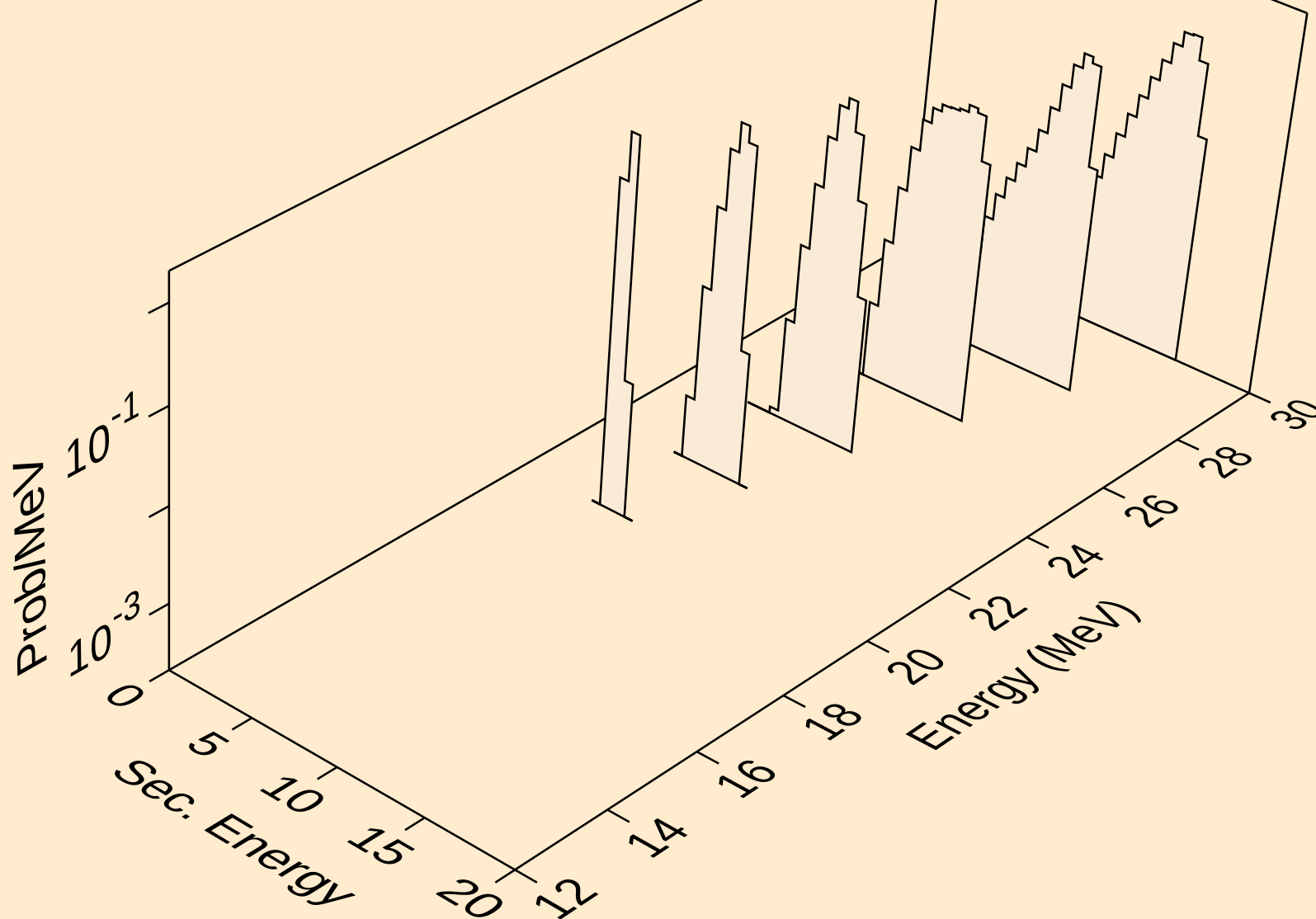


PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Alpha emission for (a,n*)a



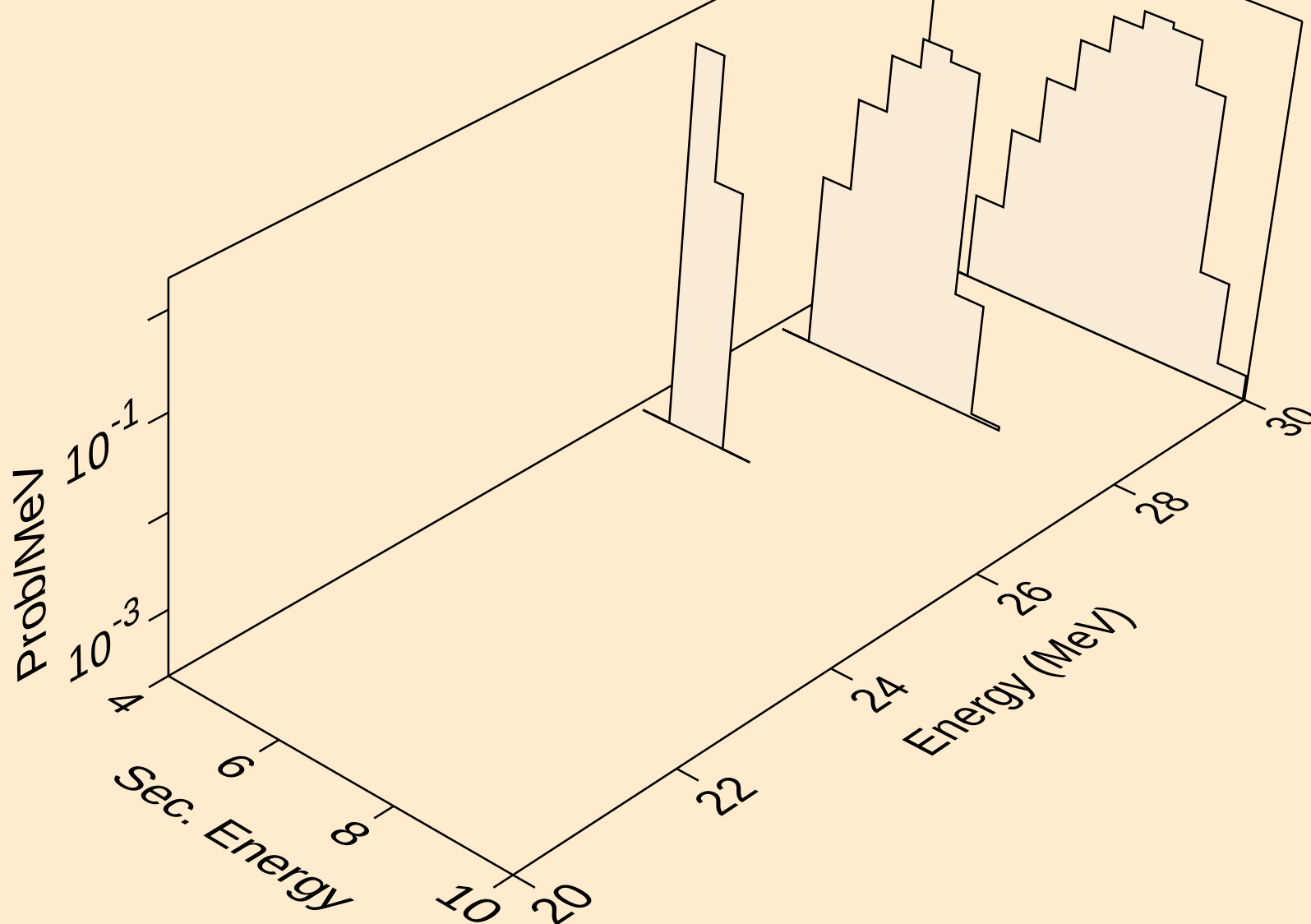
PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Alpha emission for (a,2n)a



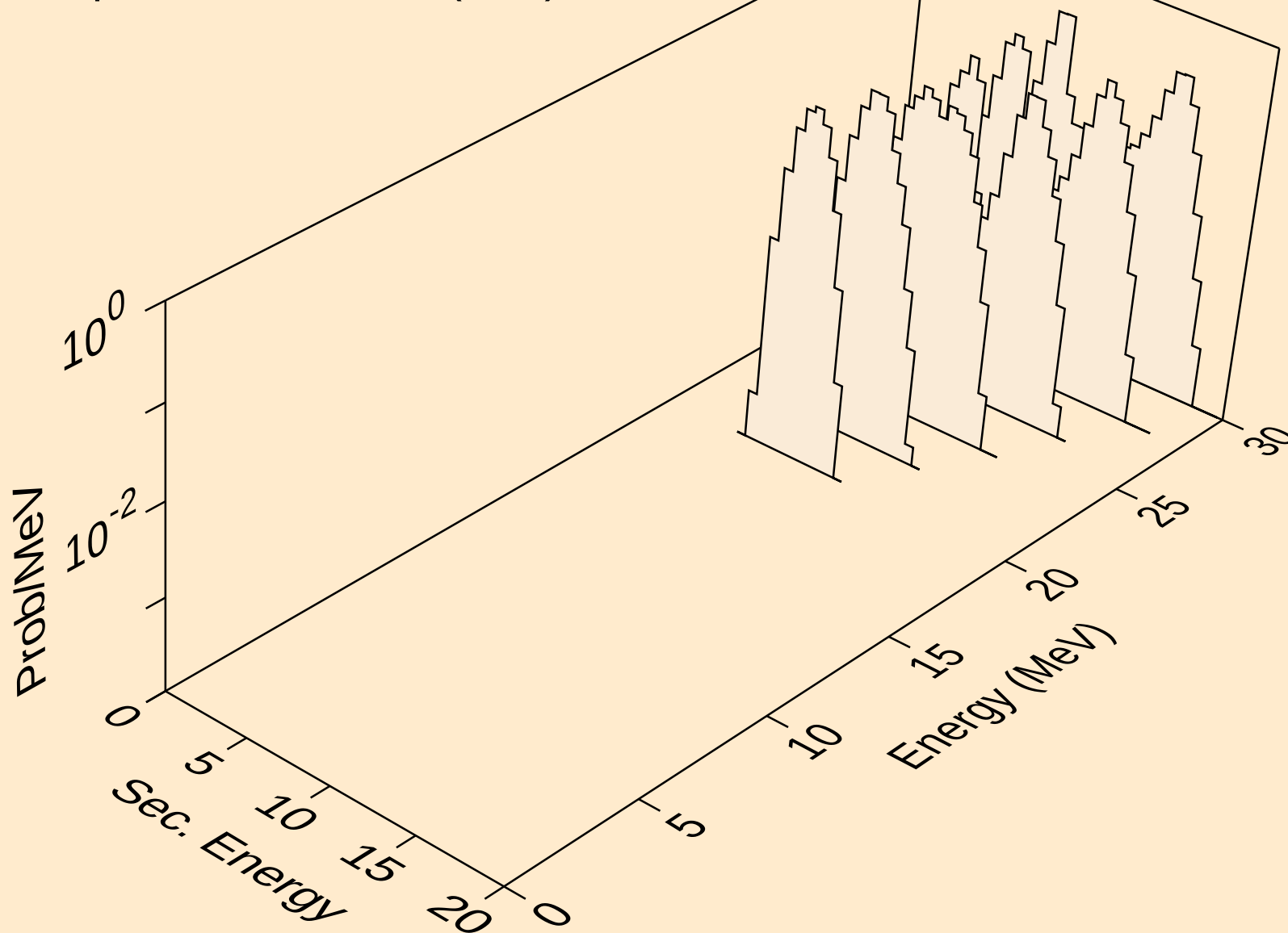
PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Alpha emission for (a,3n)a

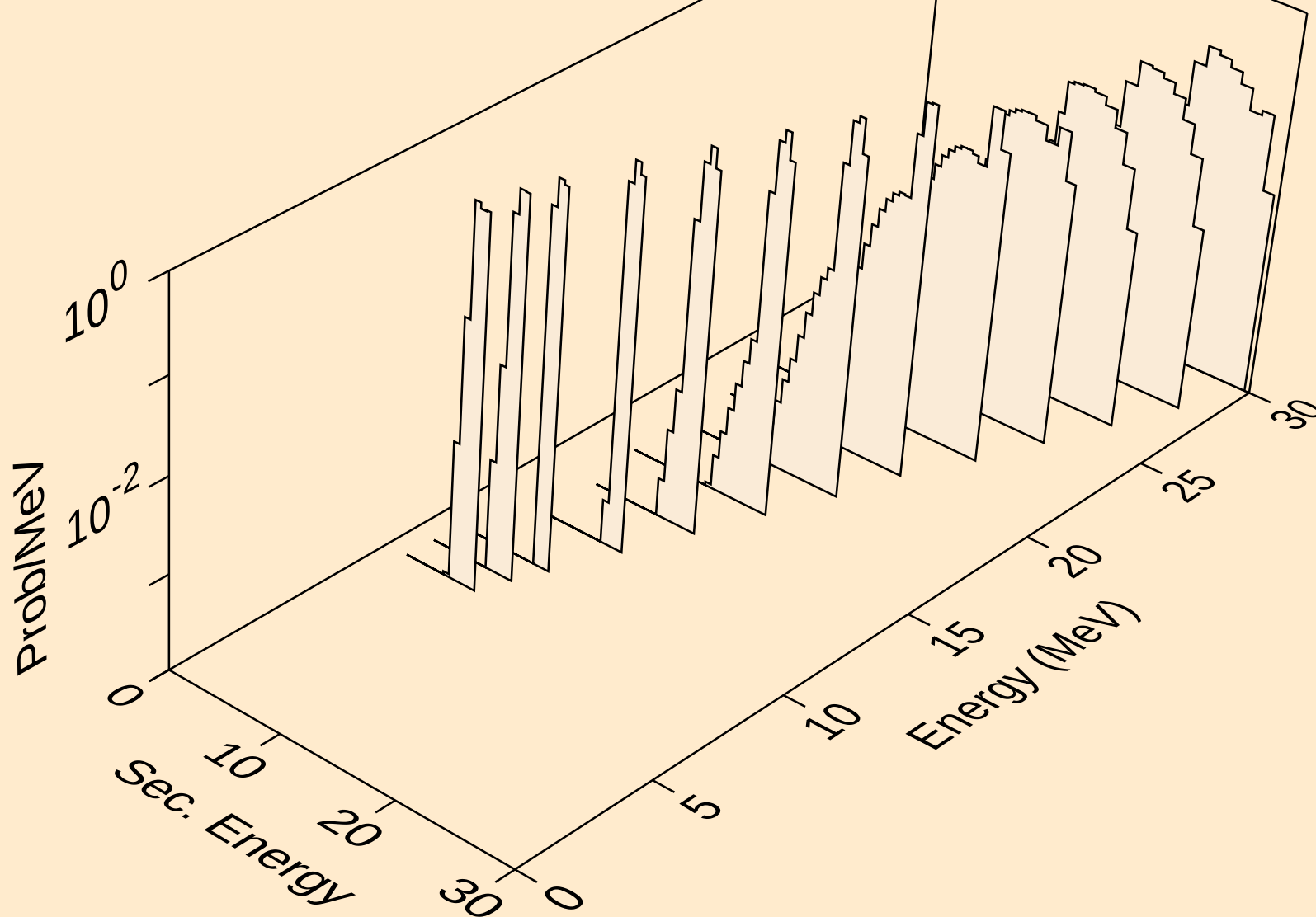


PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

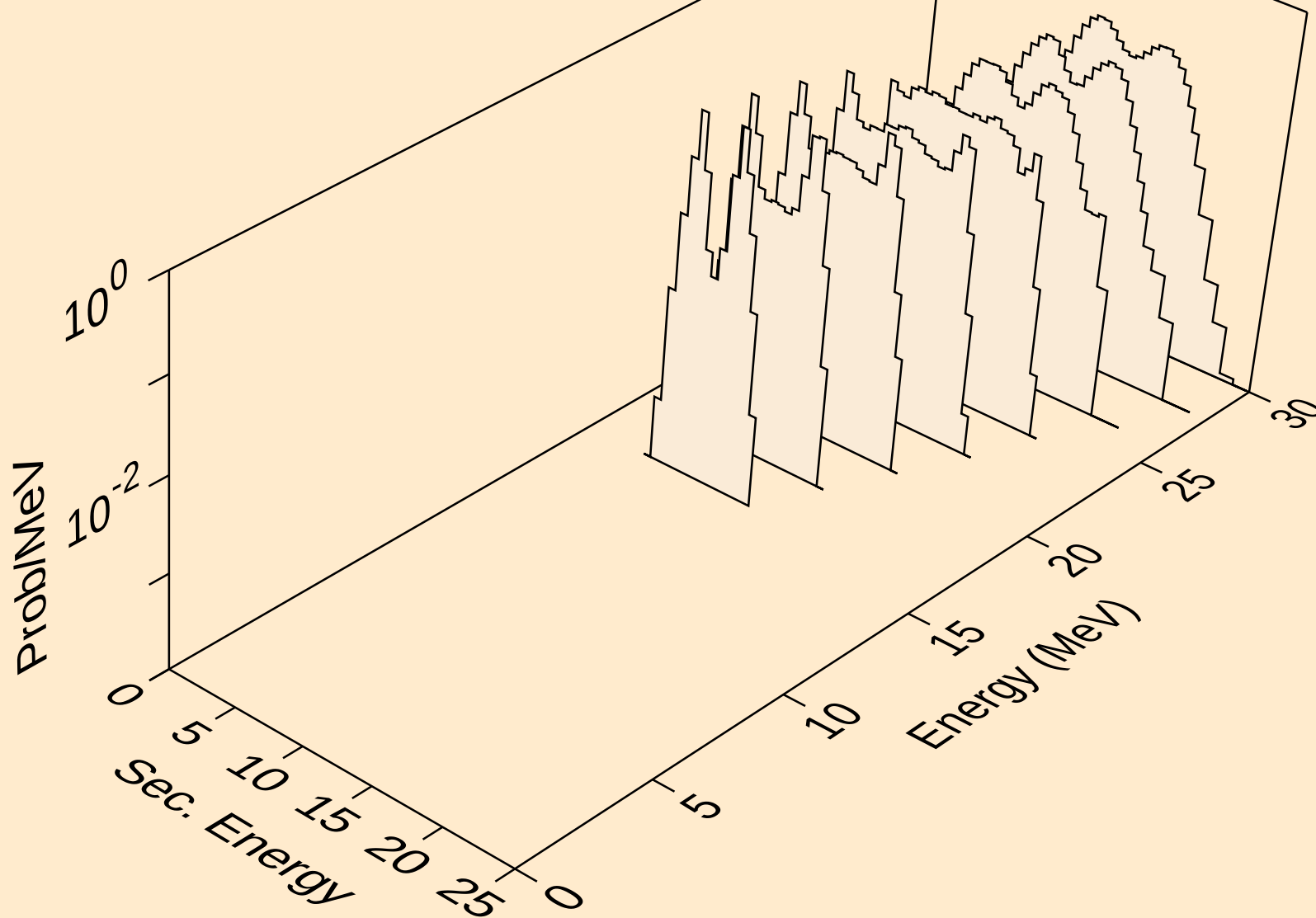
Alpha emission for (a,n*)2a



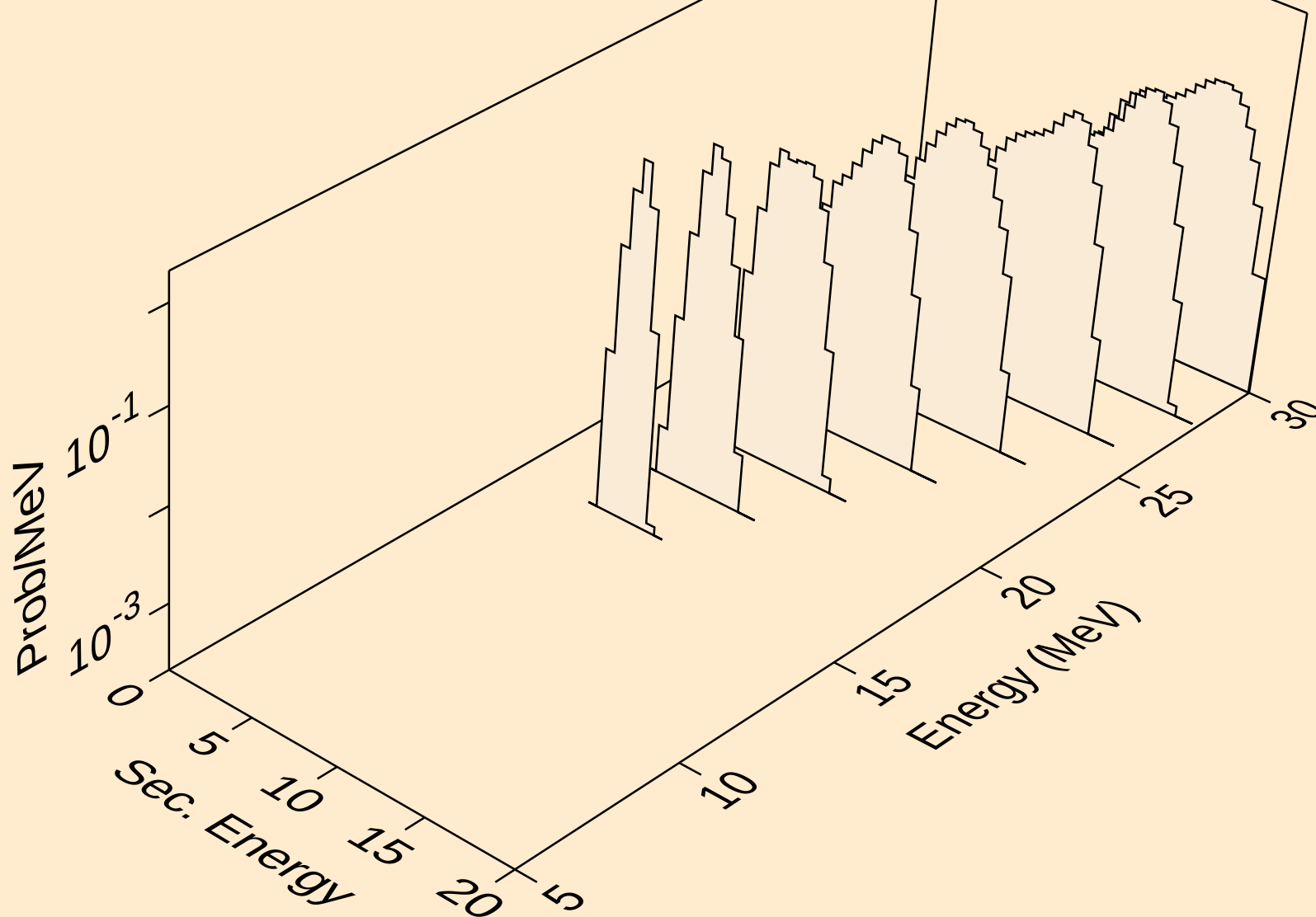
PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Alpha emission for inelastic



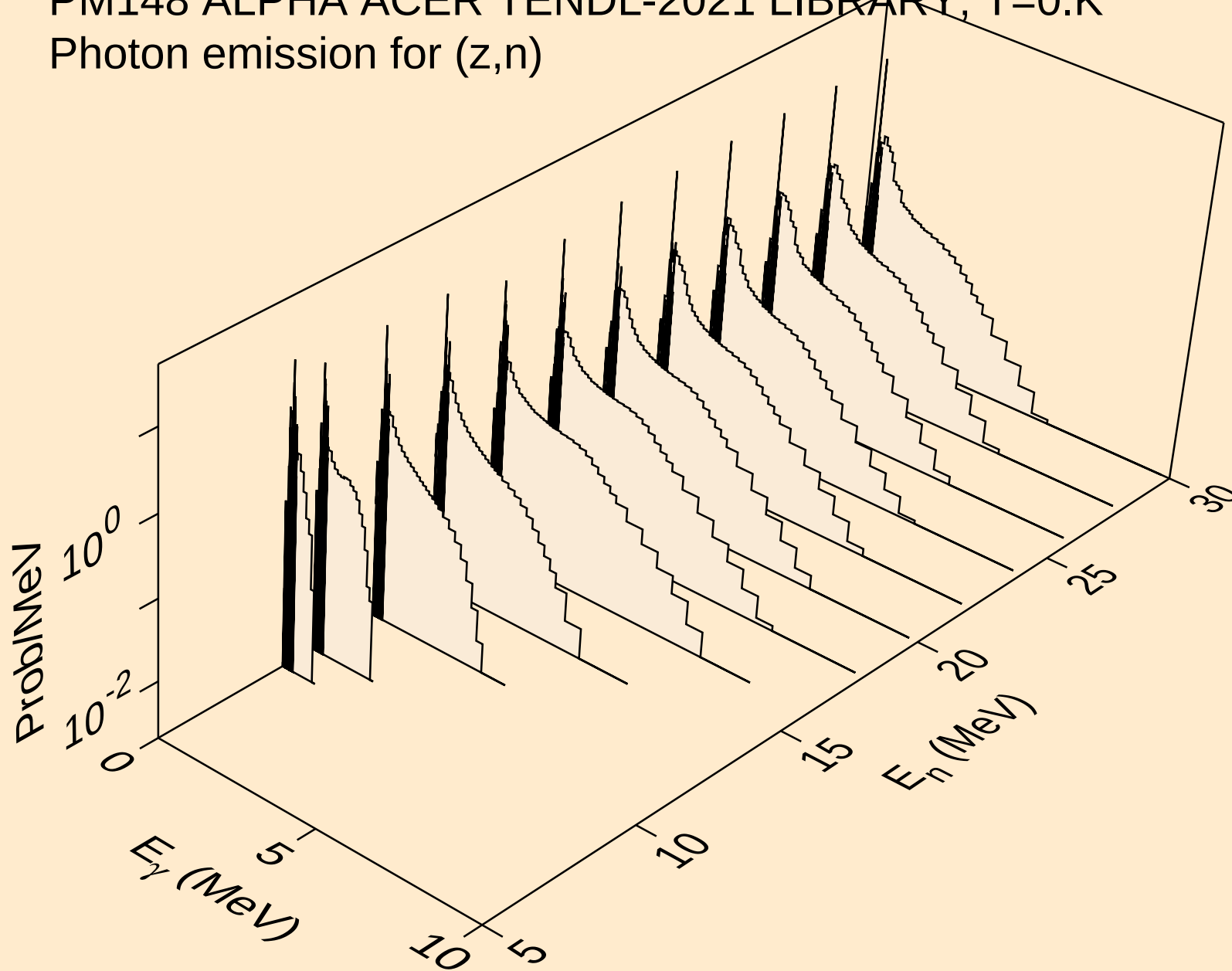
PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Alpha emission for (a,2a)



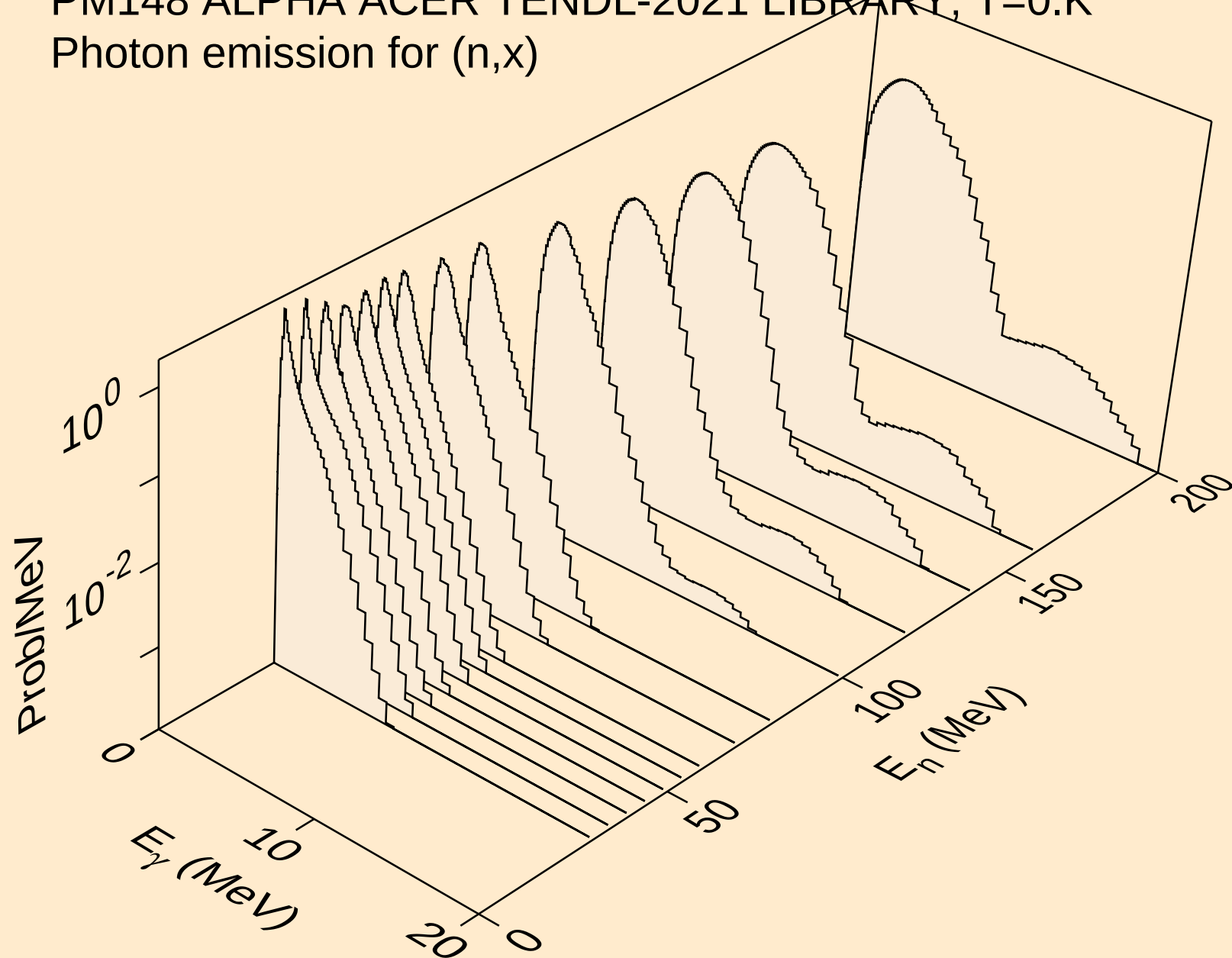
PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Alpha emission for (a,pa)



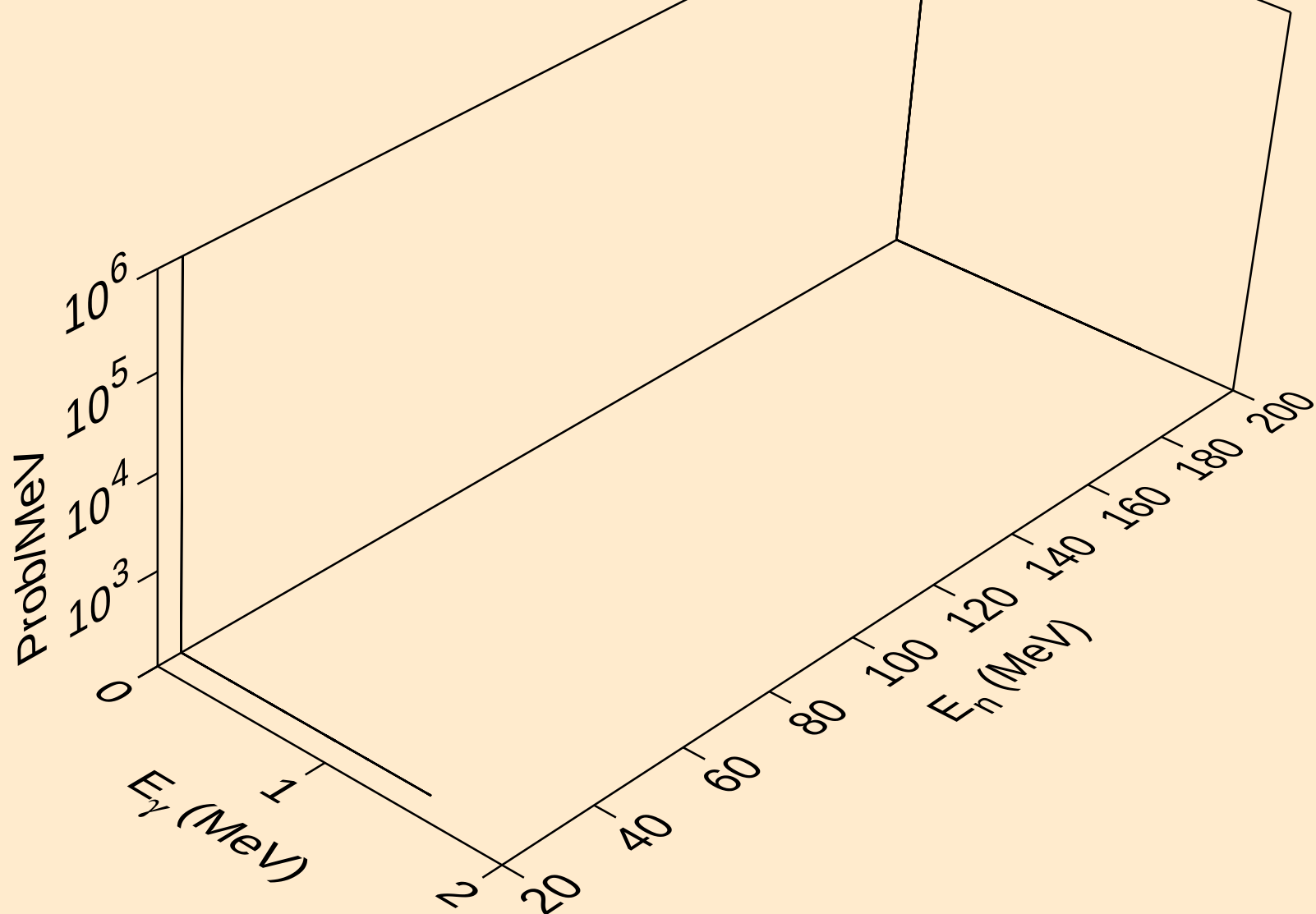
PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (z,n)



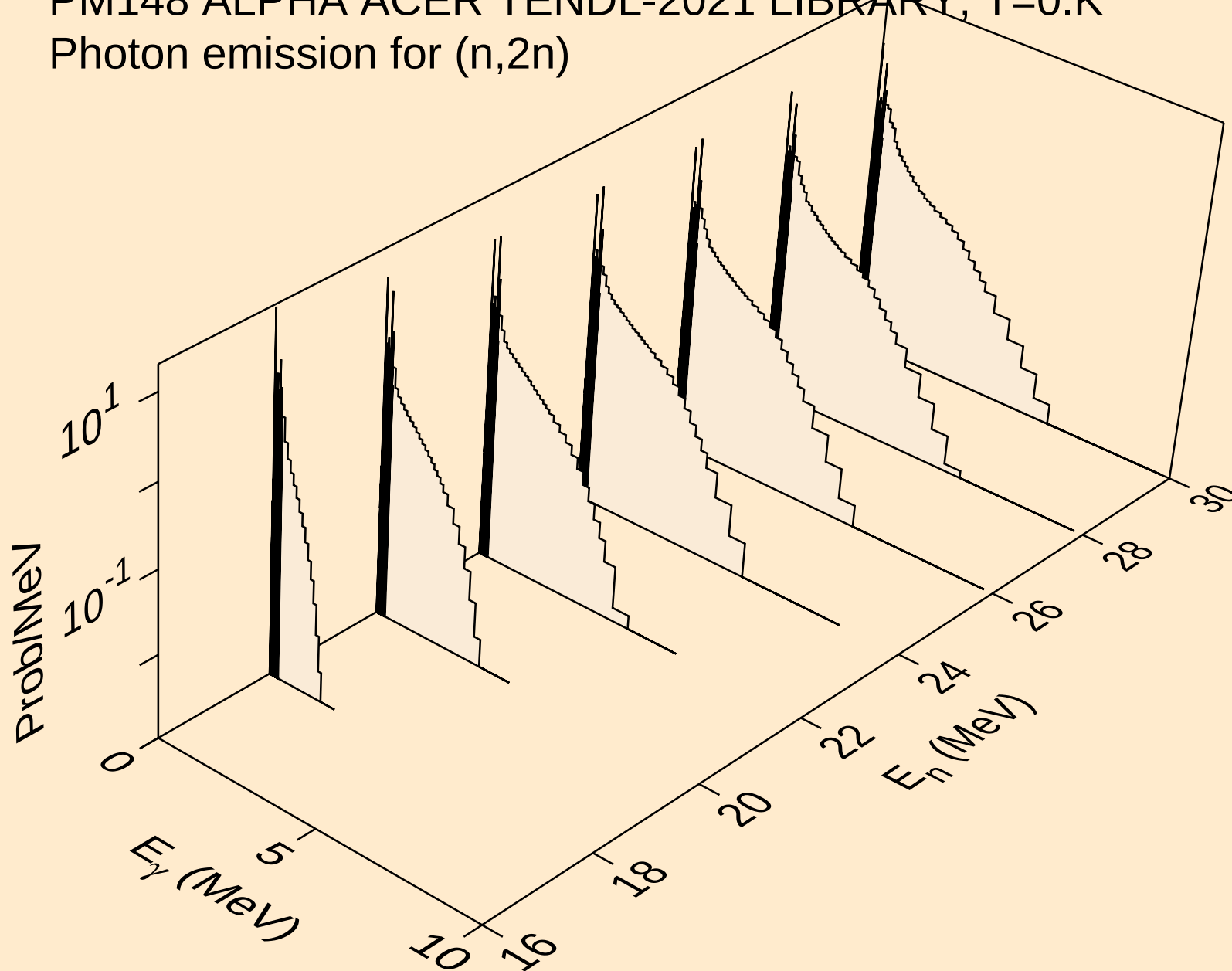
PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,x)



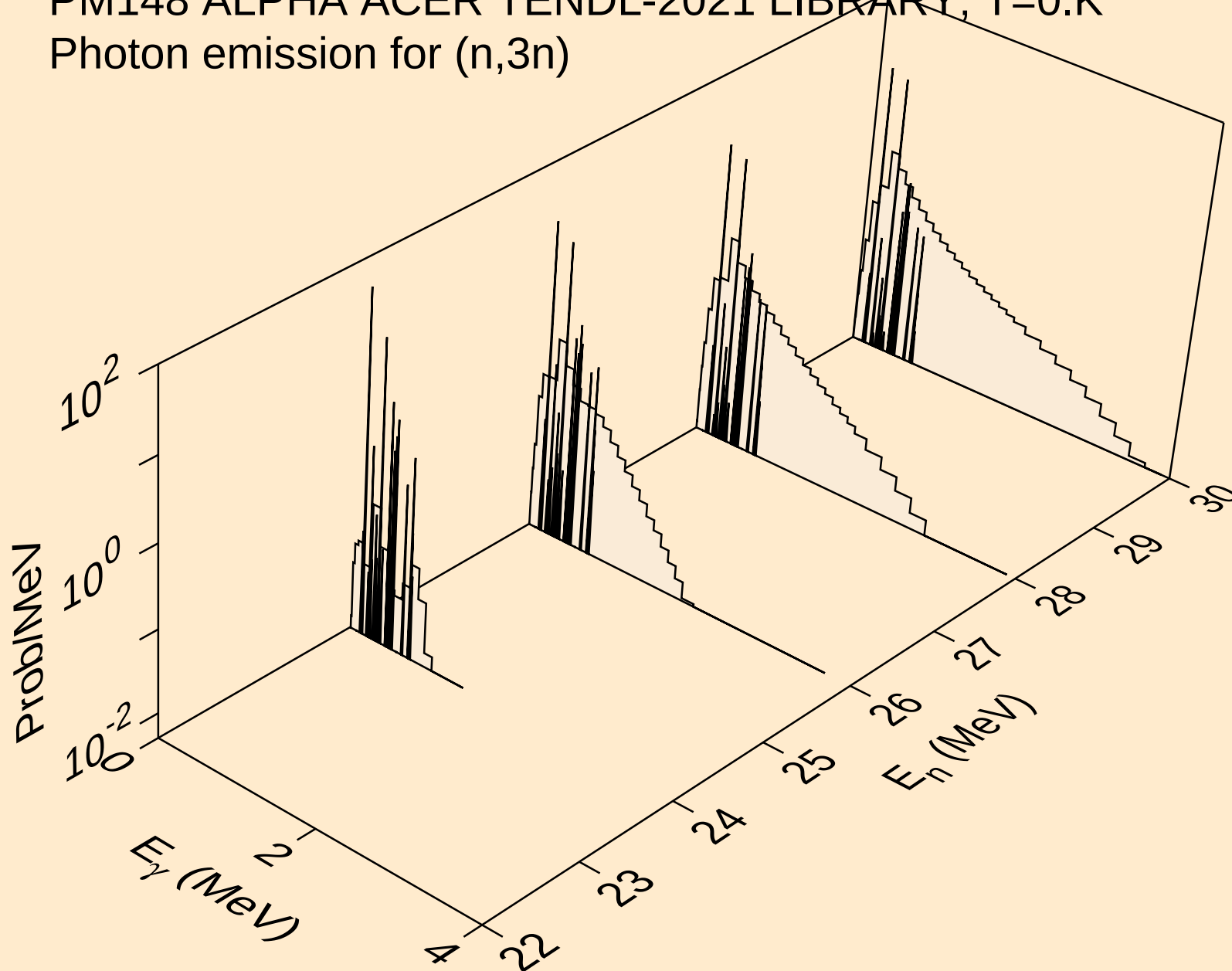
PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2nd)



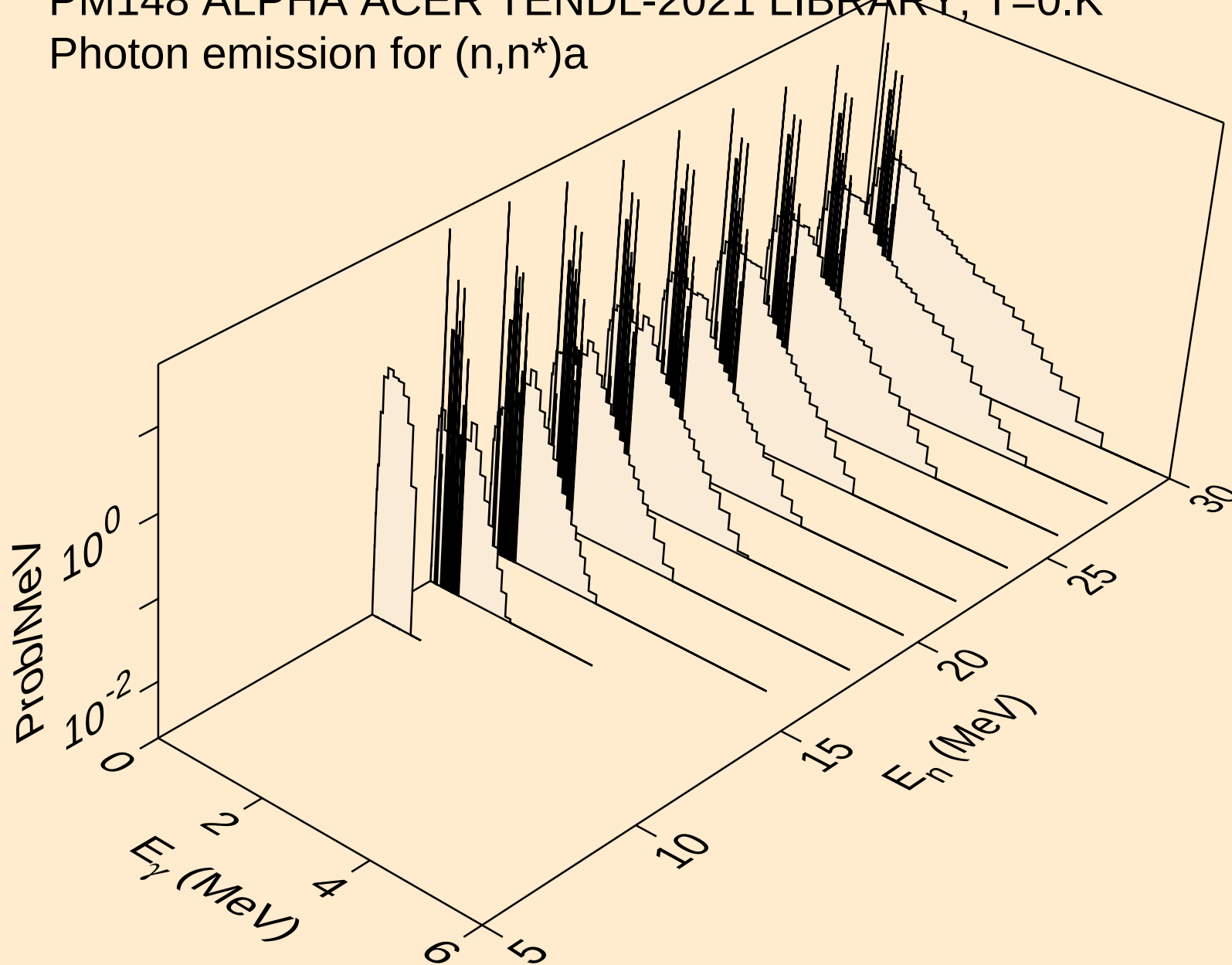
PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2n)



PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,3n)

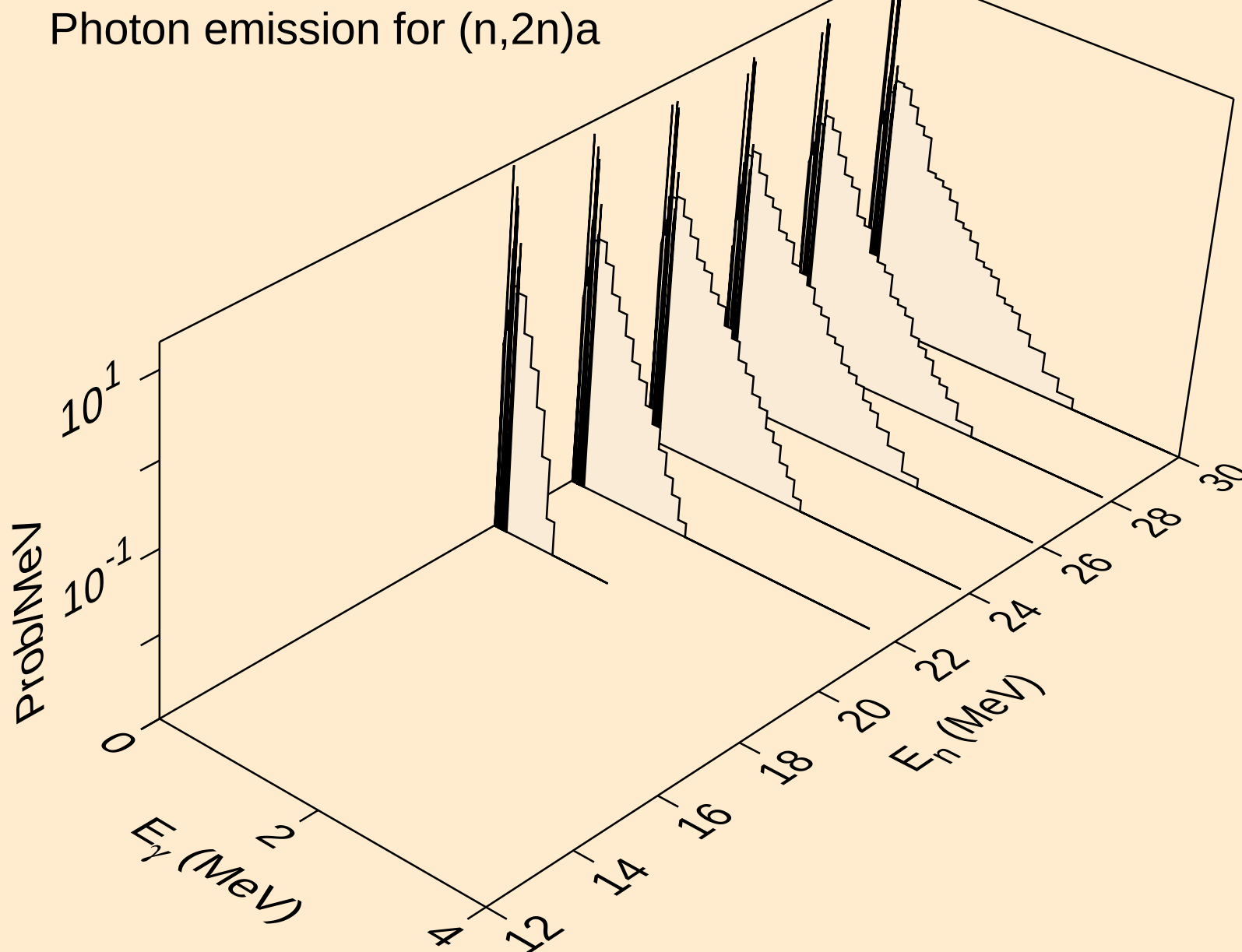


PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,n*)a

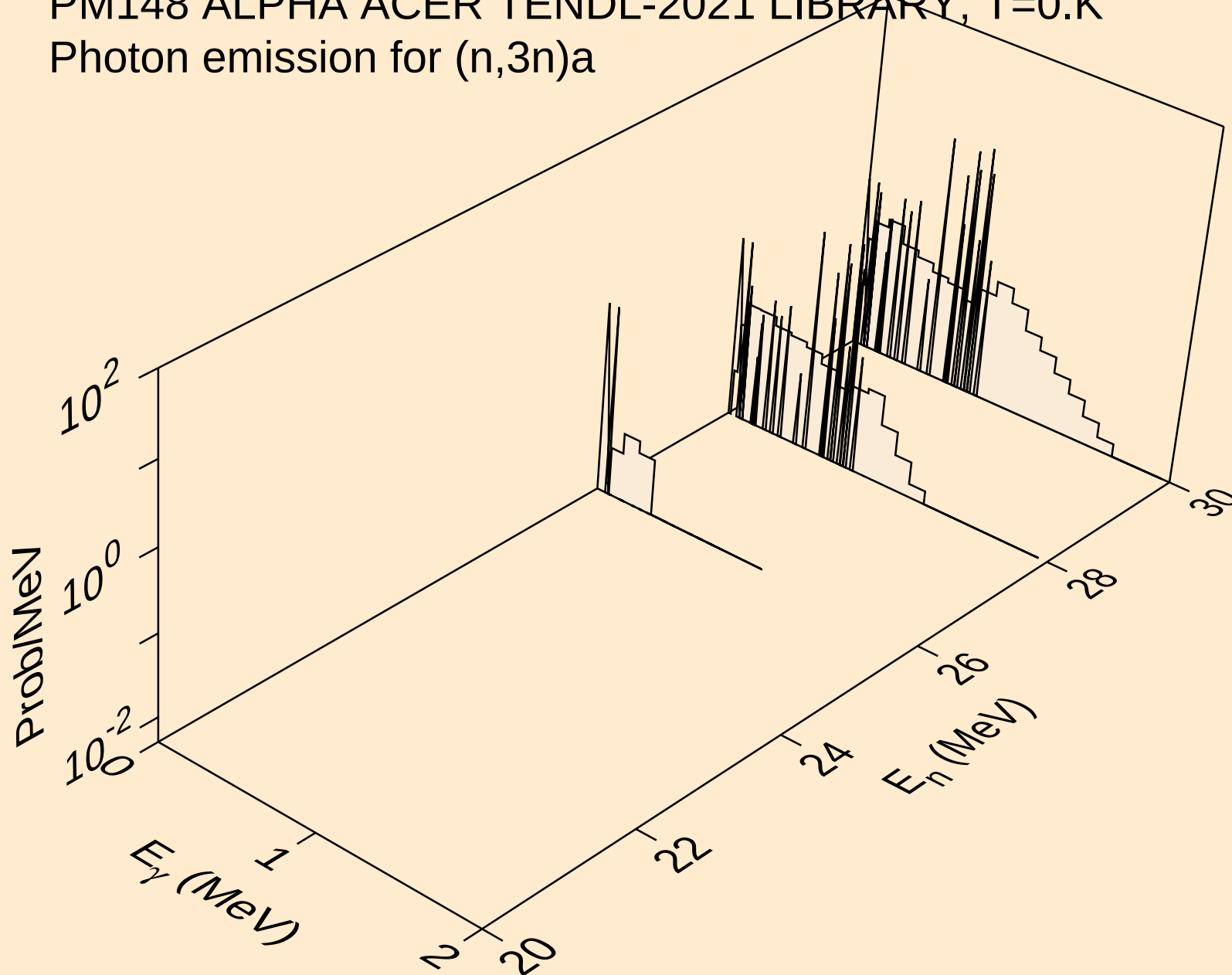


PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

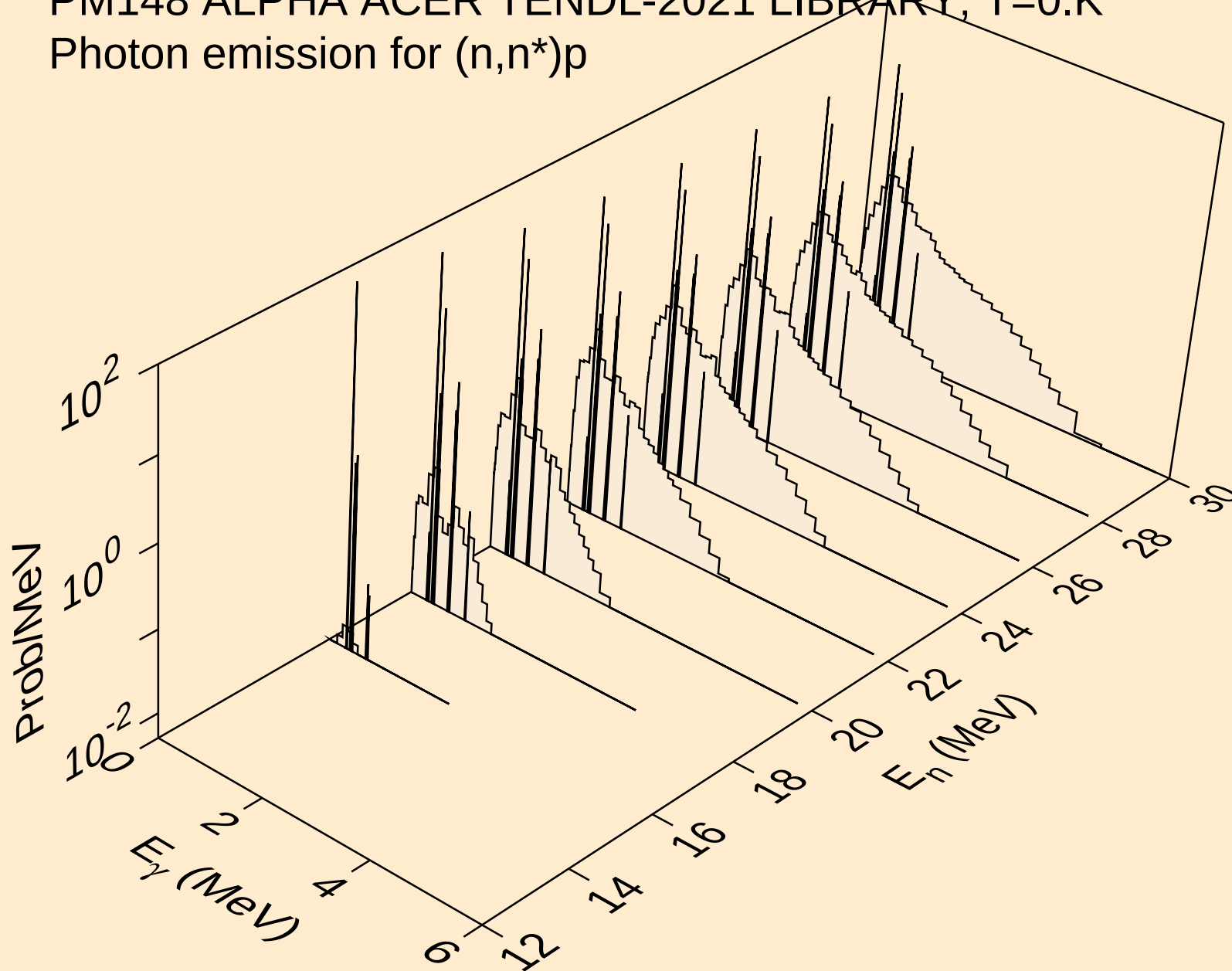
Photon emission for (n,2n) α



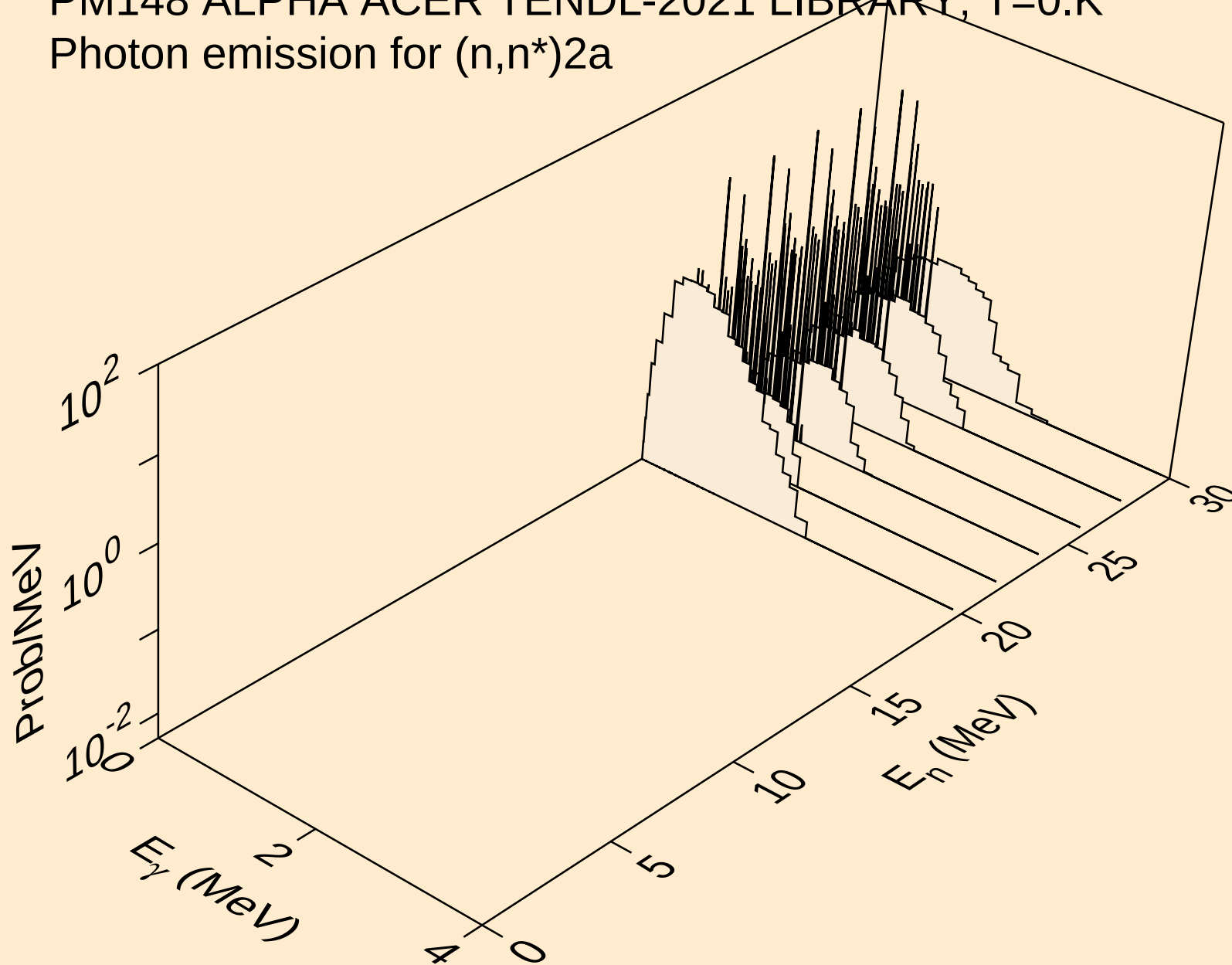
PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,3n) α



PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,n*)p

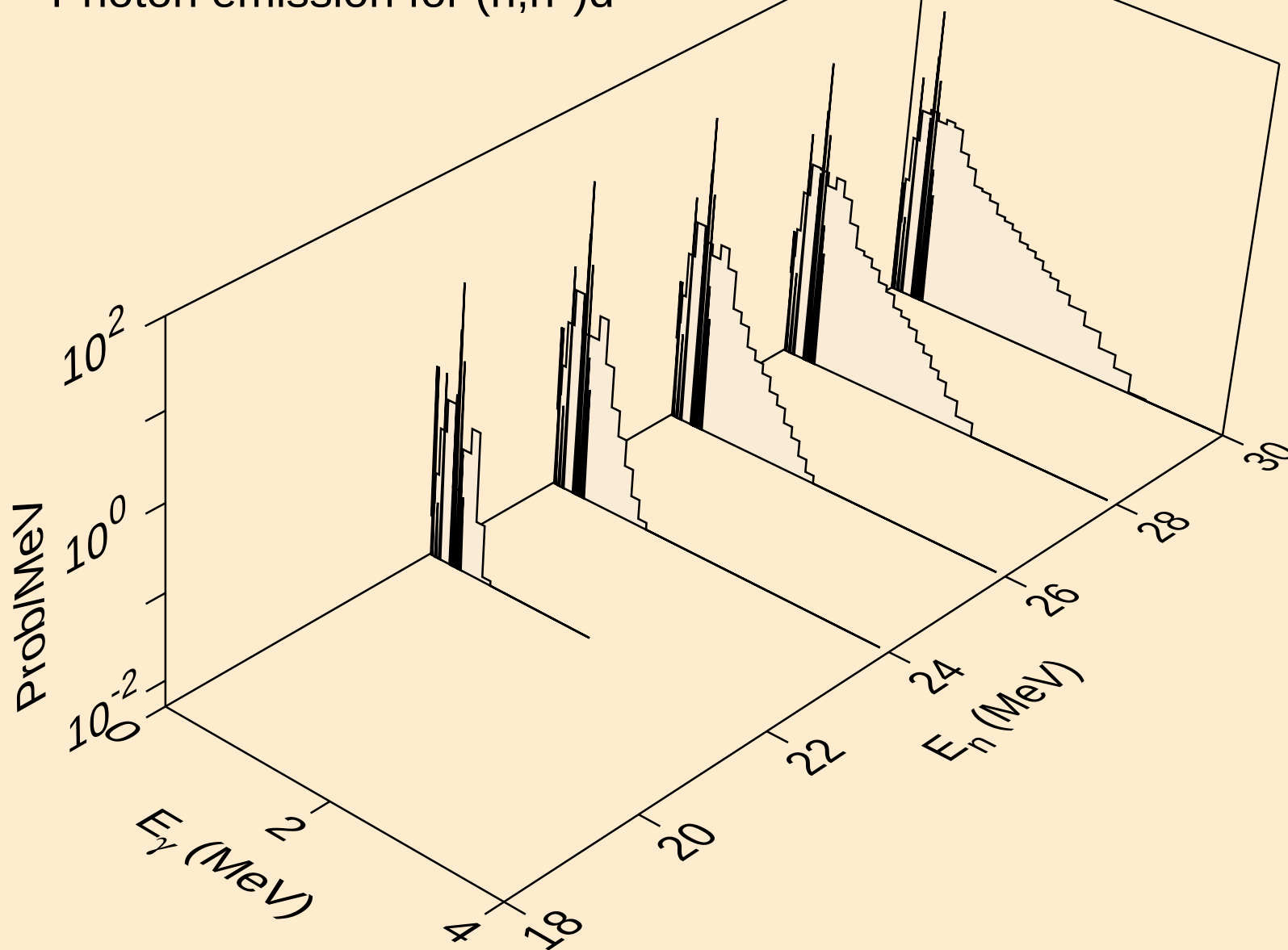


PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,n*)2a



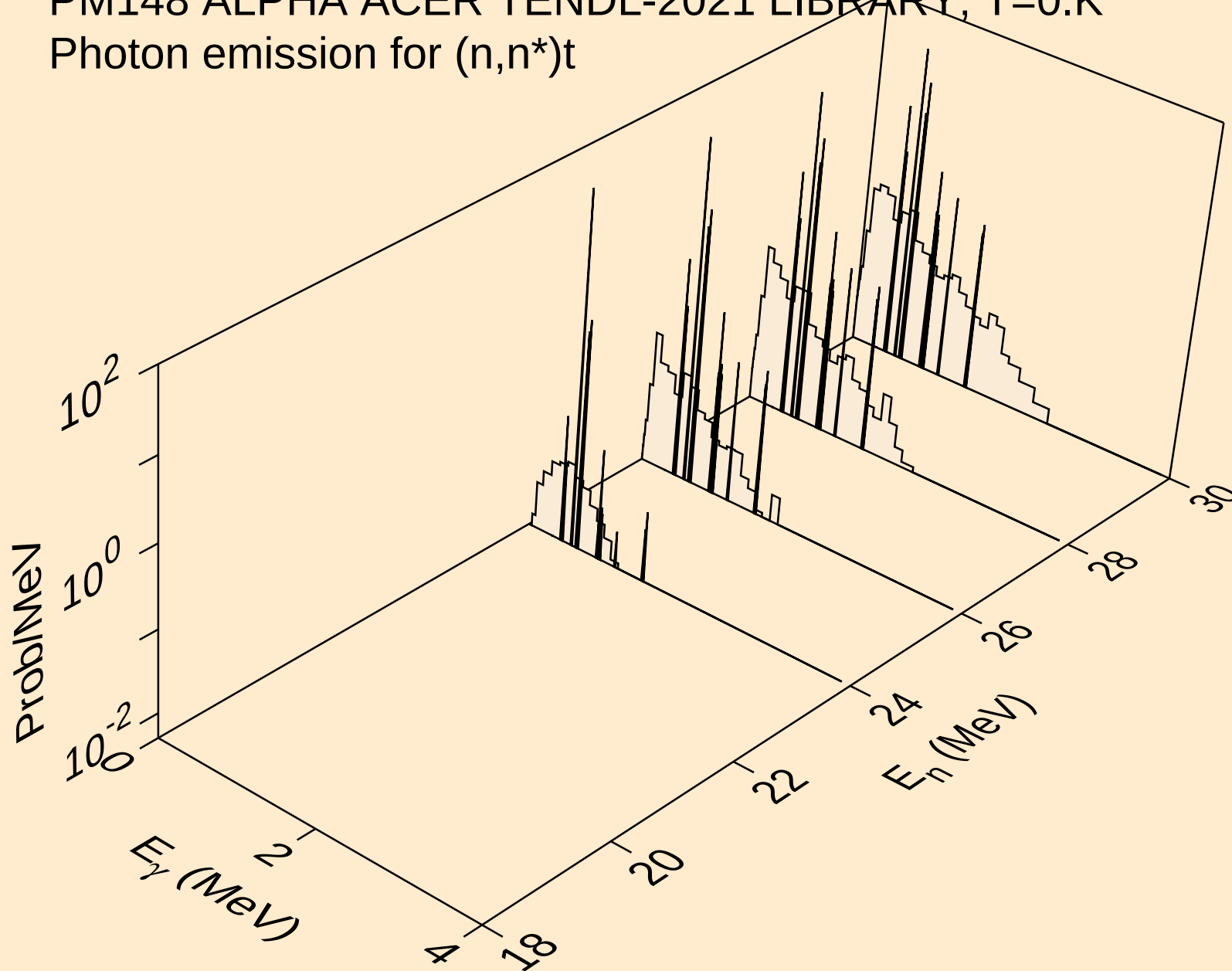
PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,n*)d

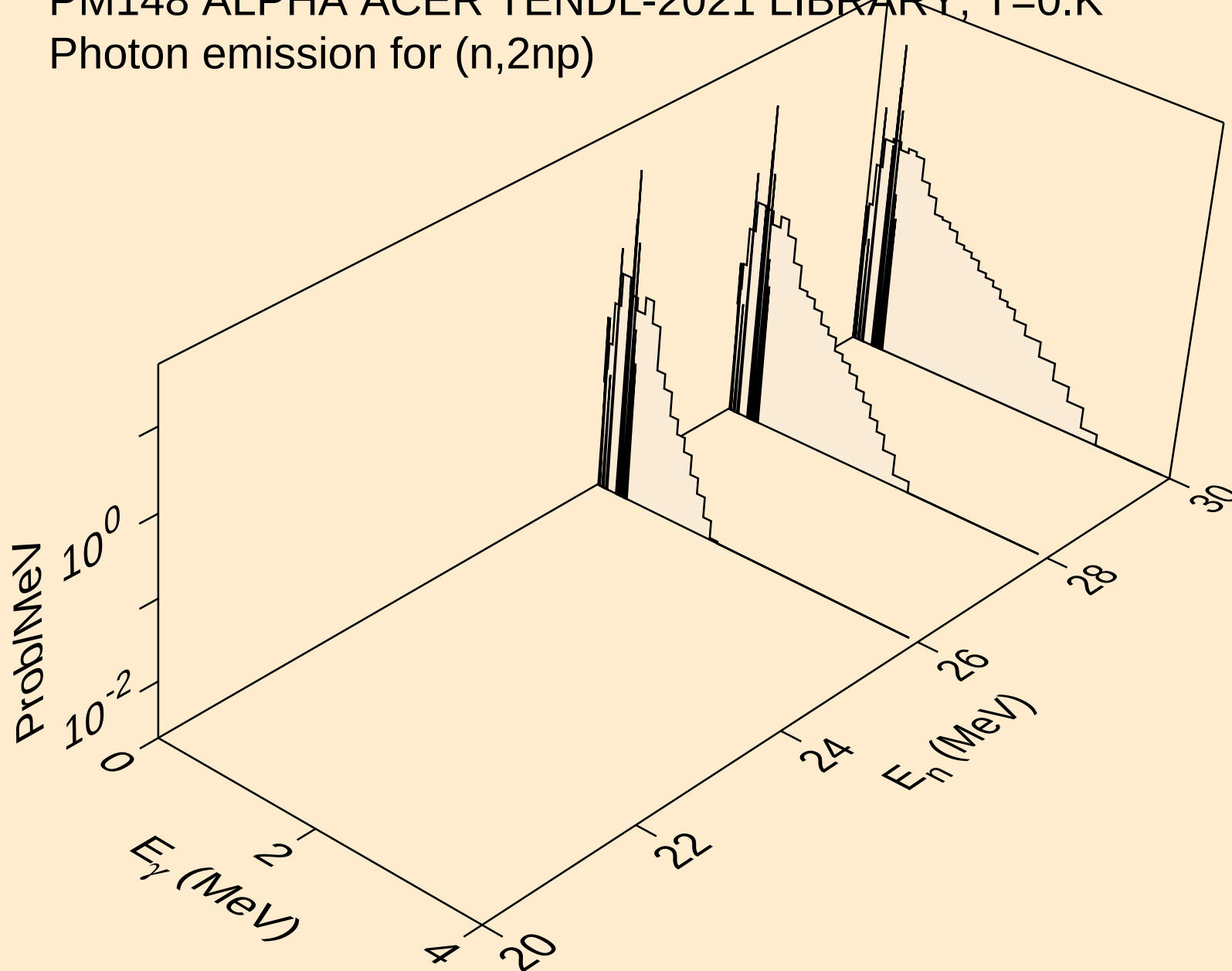


PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

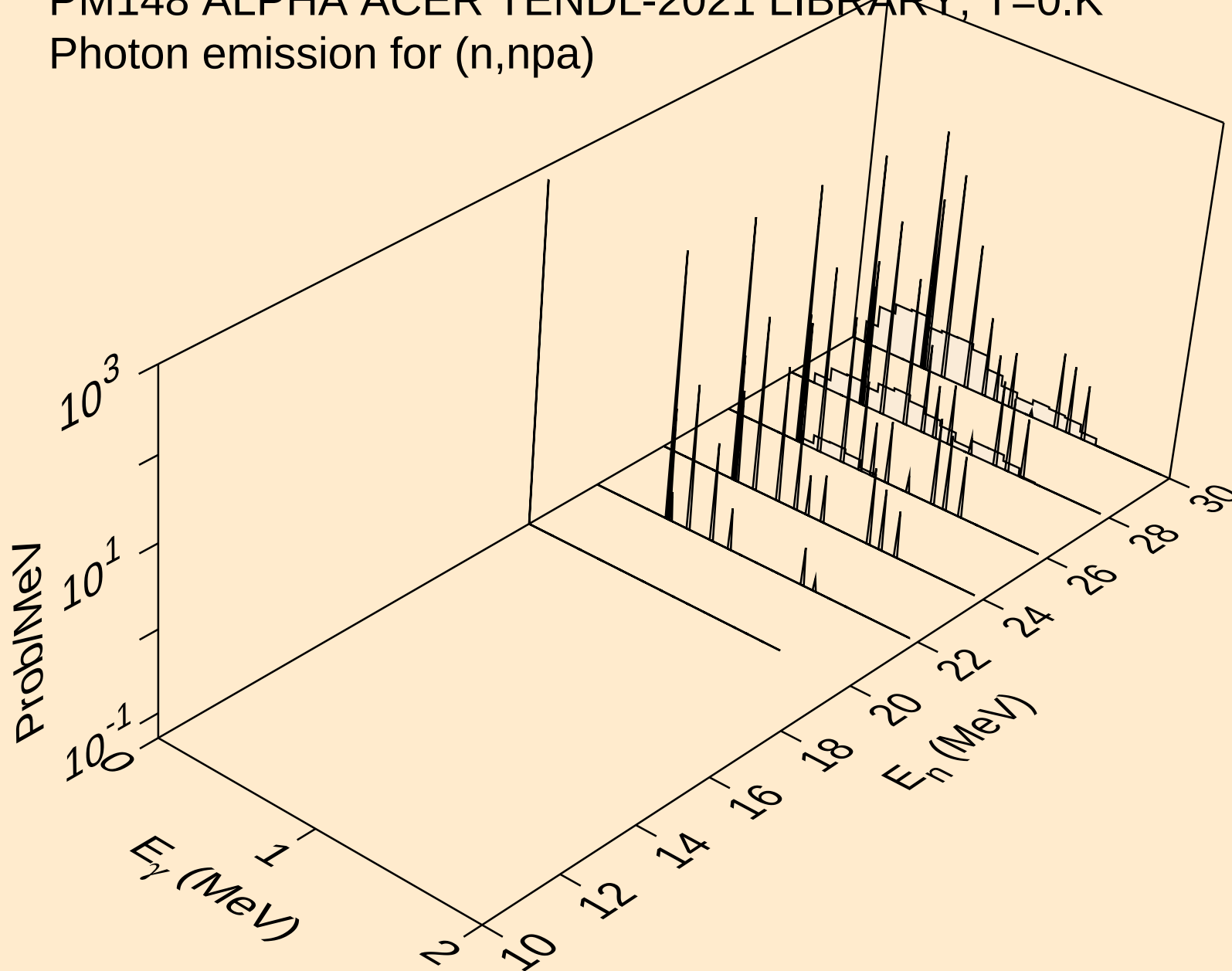
Photon emission for (n,n*)t



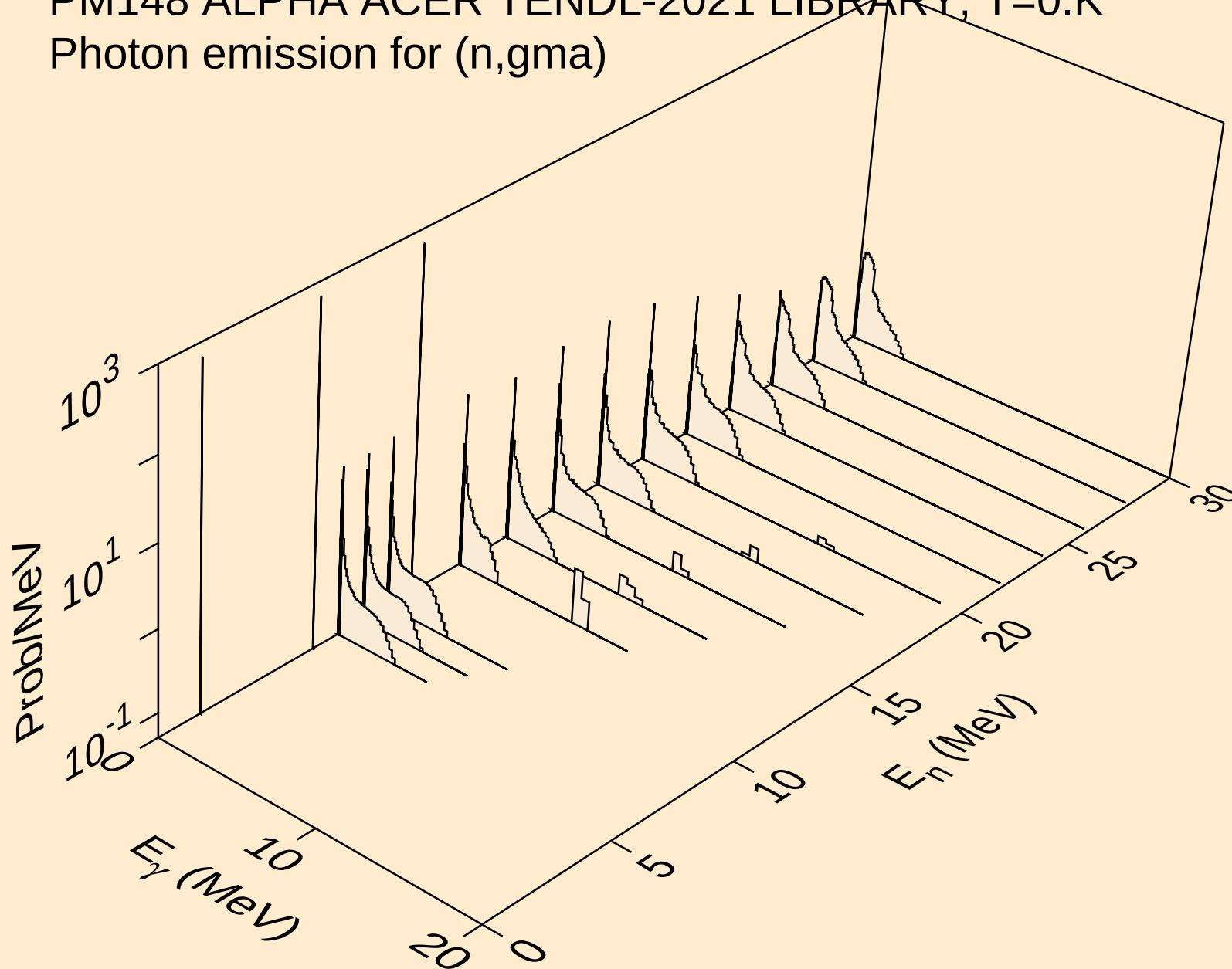
PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2np)



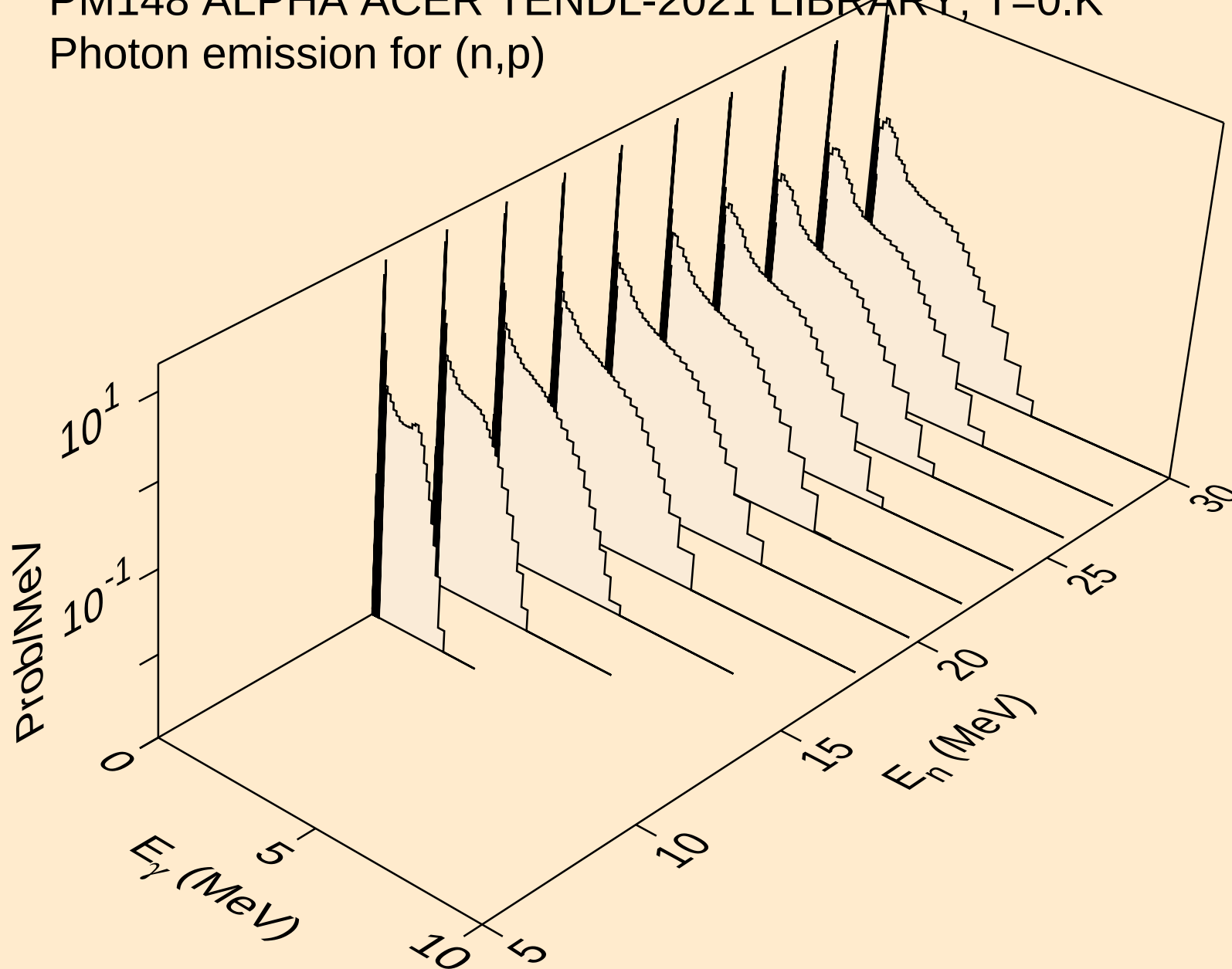
PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,npa)



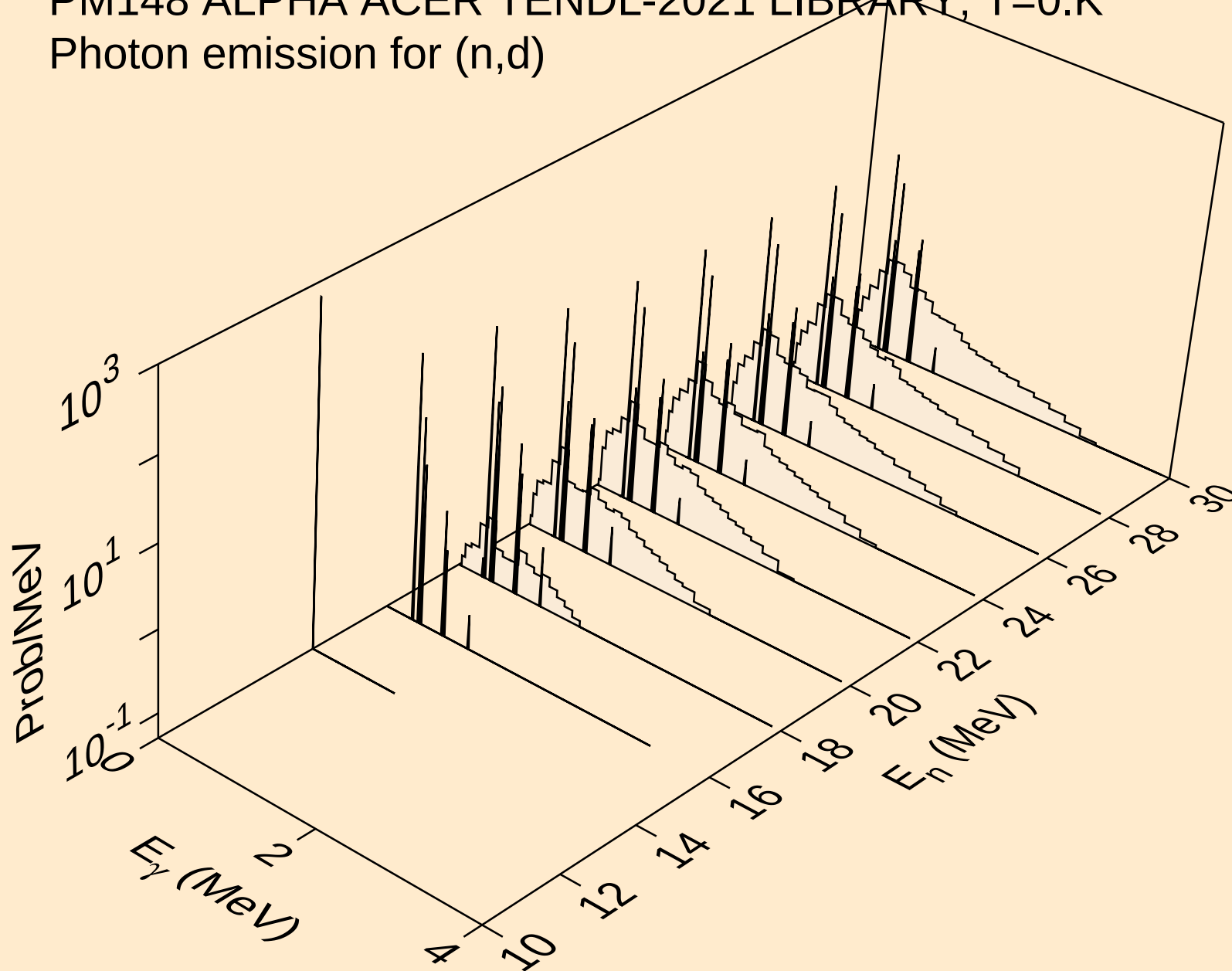
PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,gma)



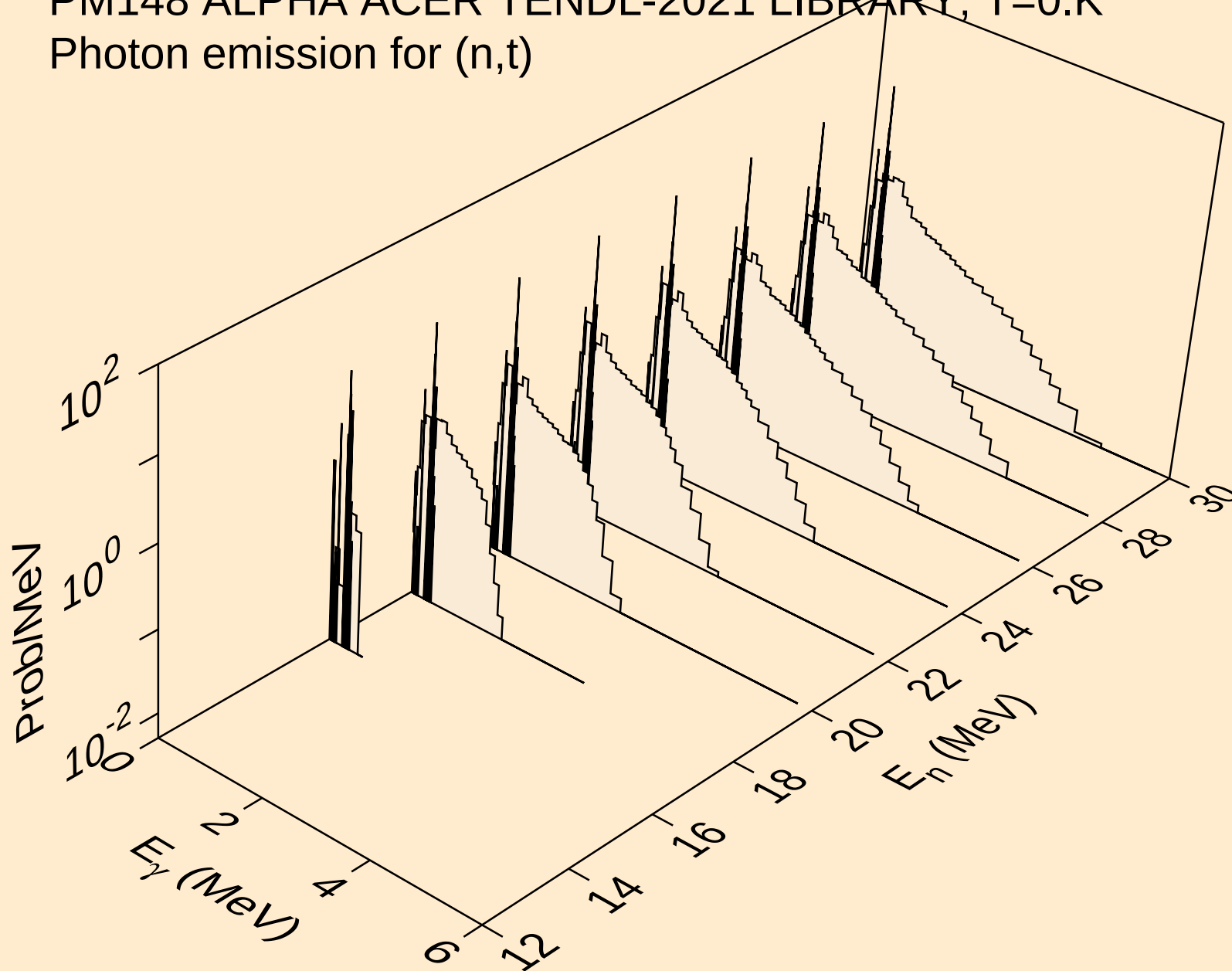
PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,p)



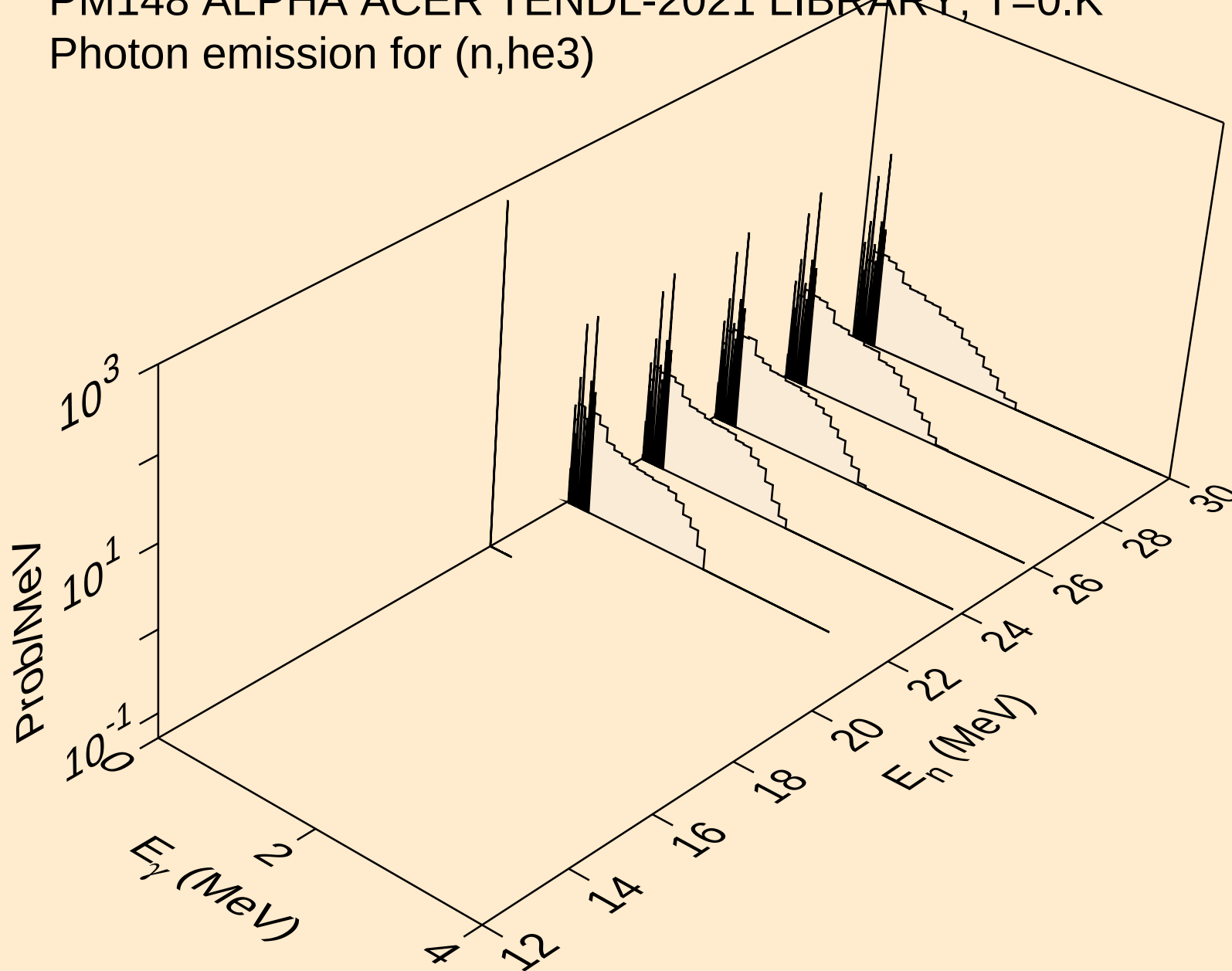
PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,d)



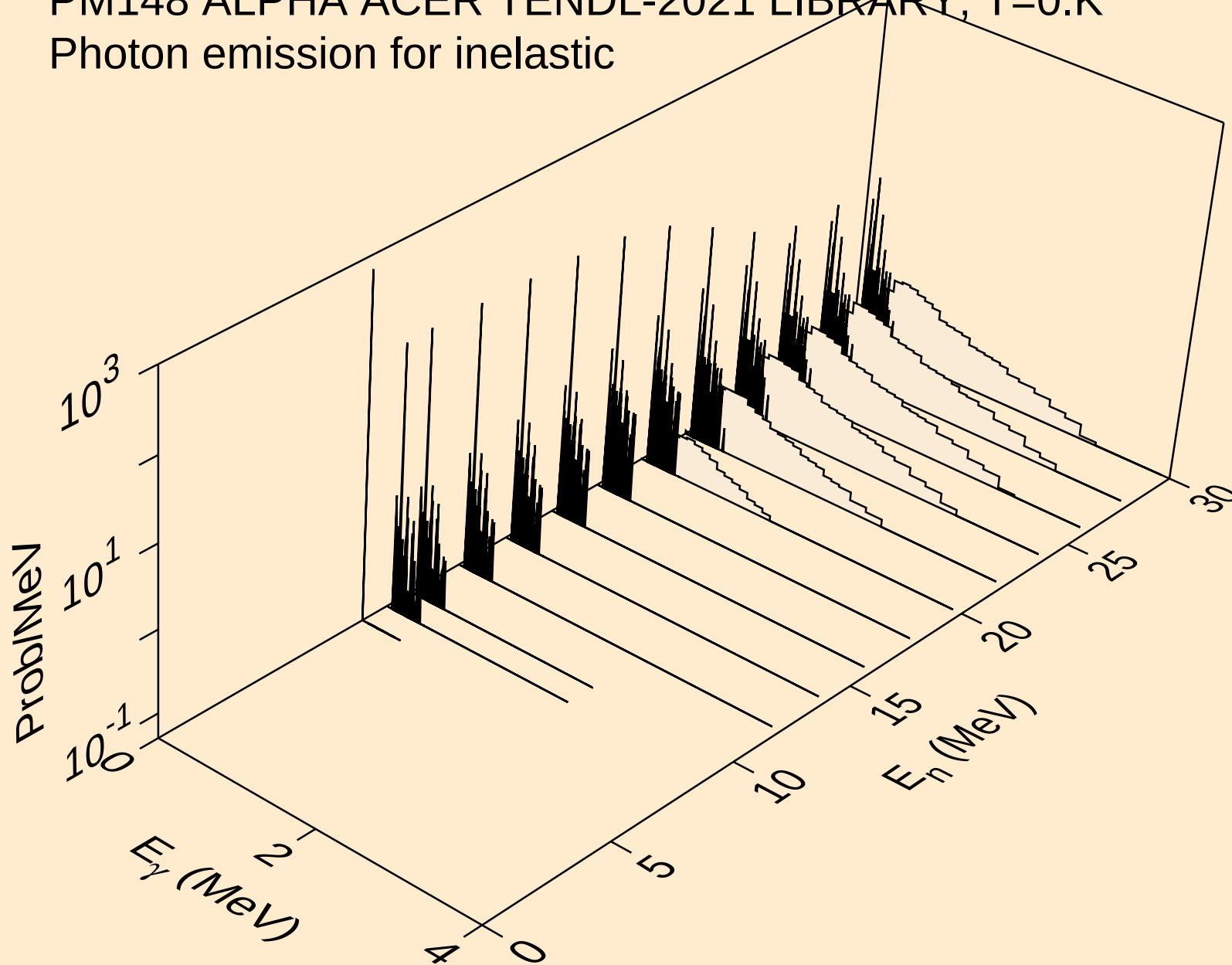
PM148 ALPHA ACER TENDL-2021 LIBRARY; $T=0.K$
Photon emission for (n,t)



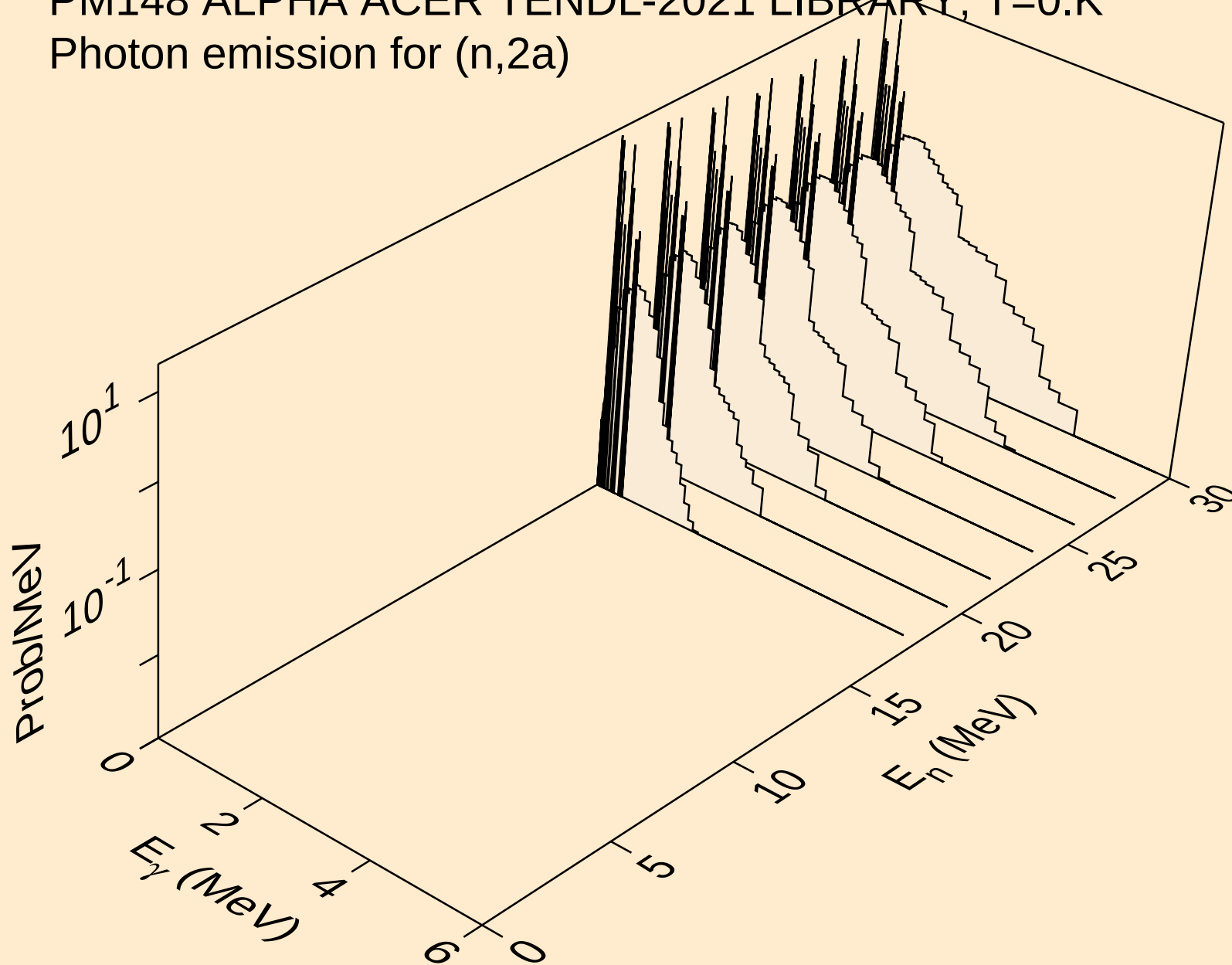
PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,he3)



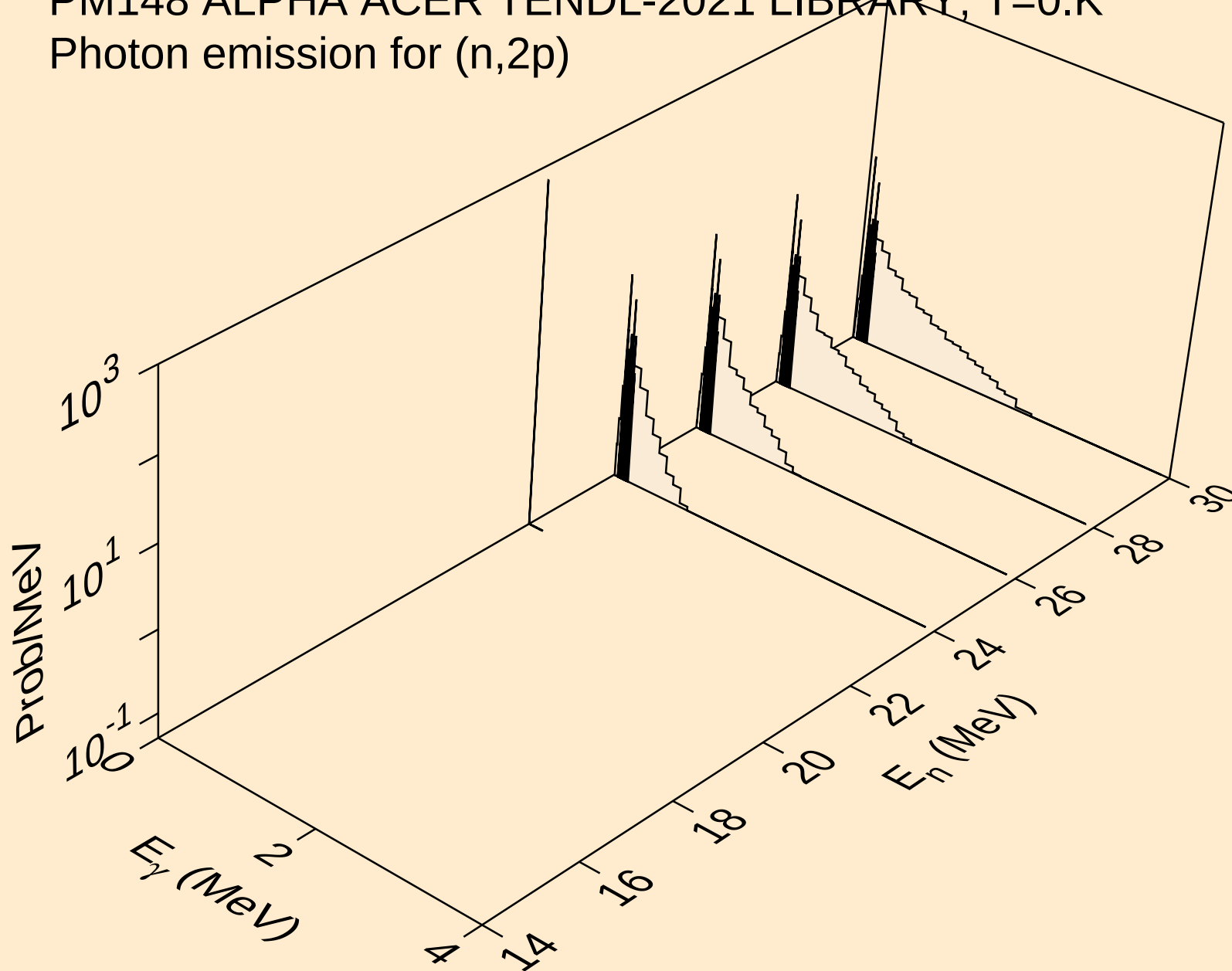
PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for inelastic



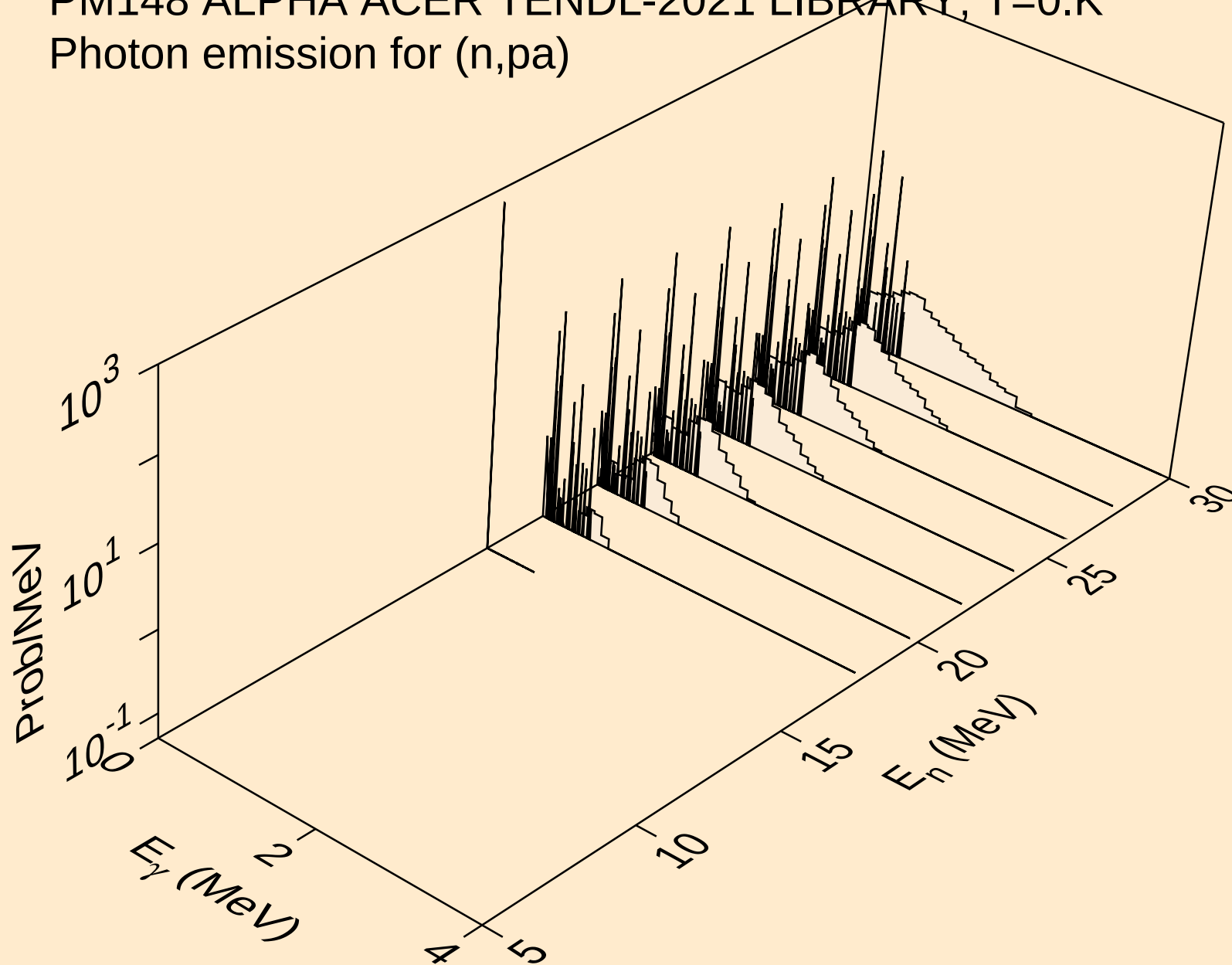
PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2a)



PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2p)

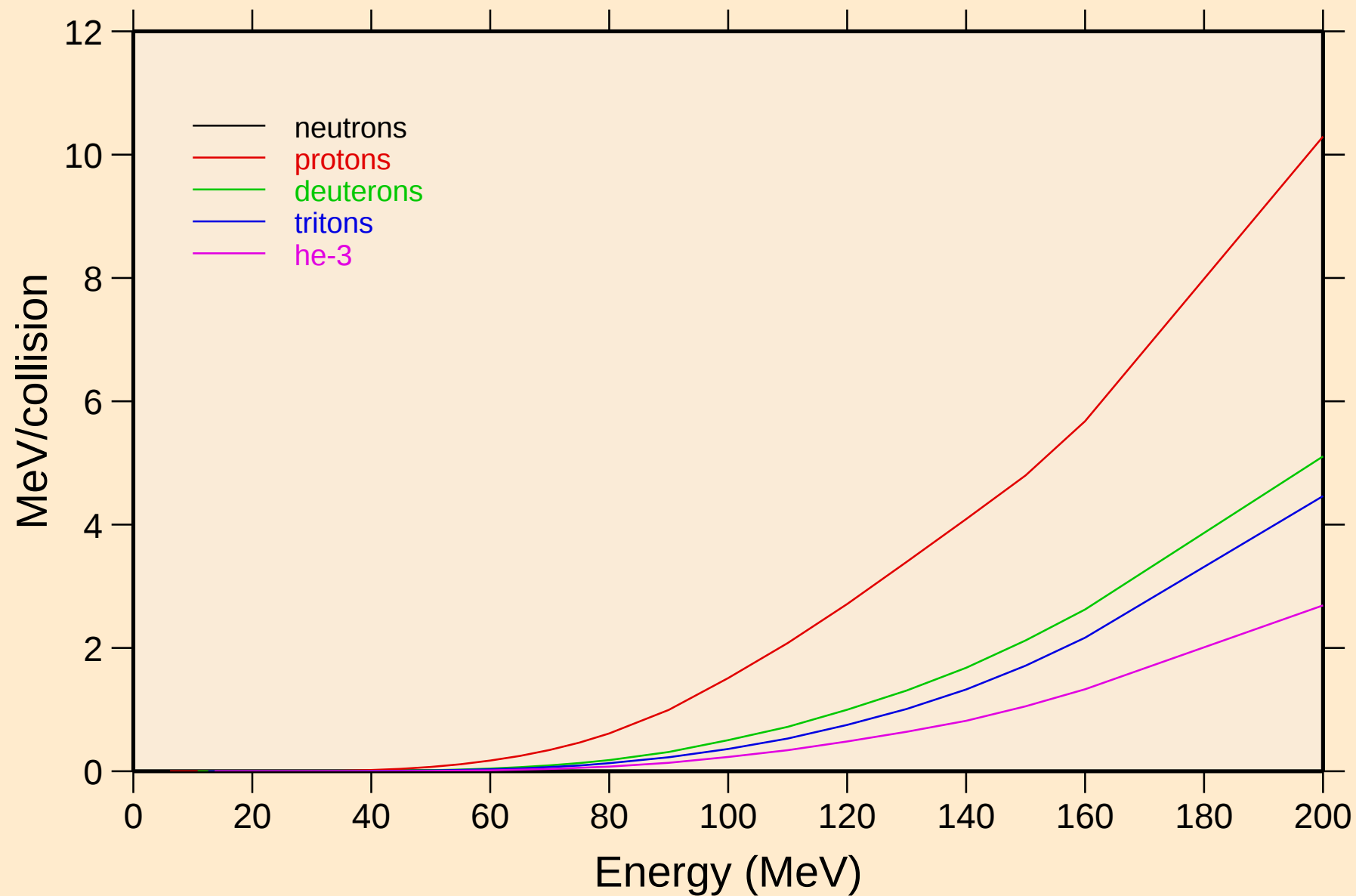


PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,pa)



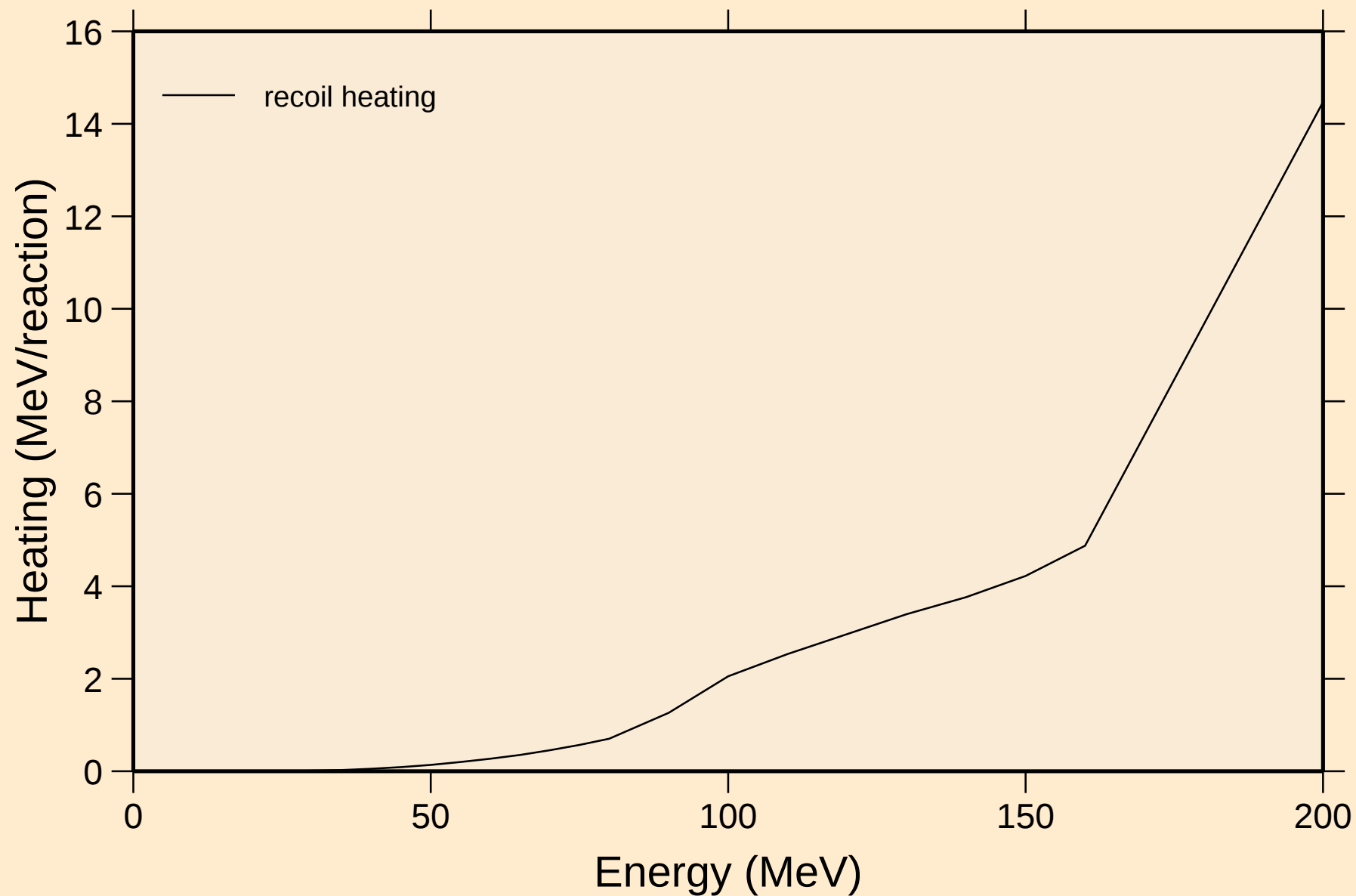
PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Particle heating contributions



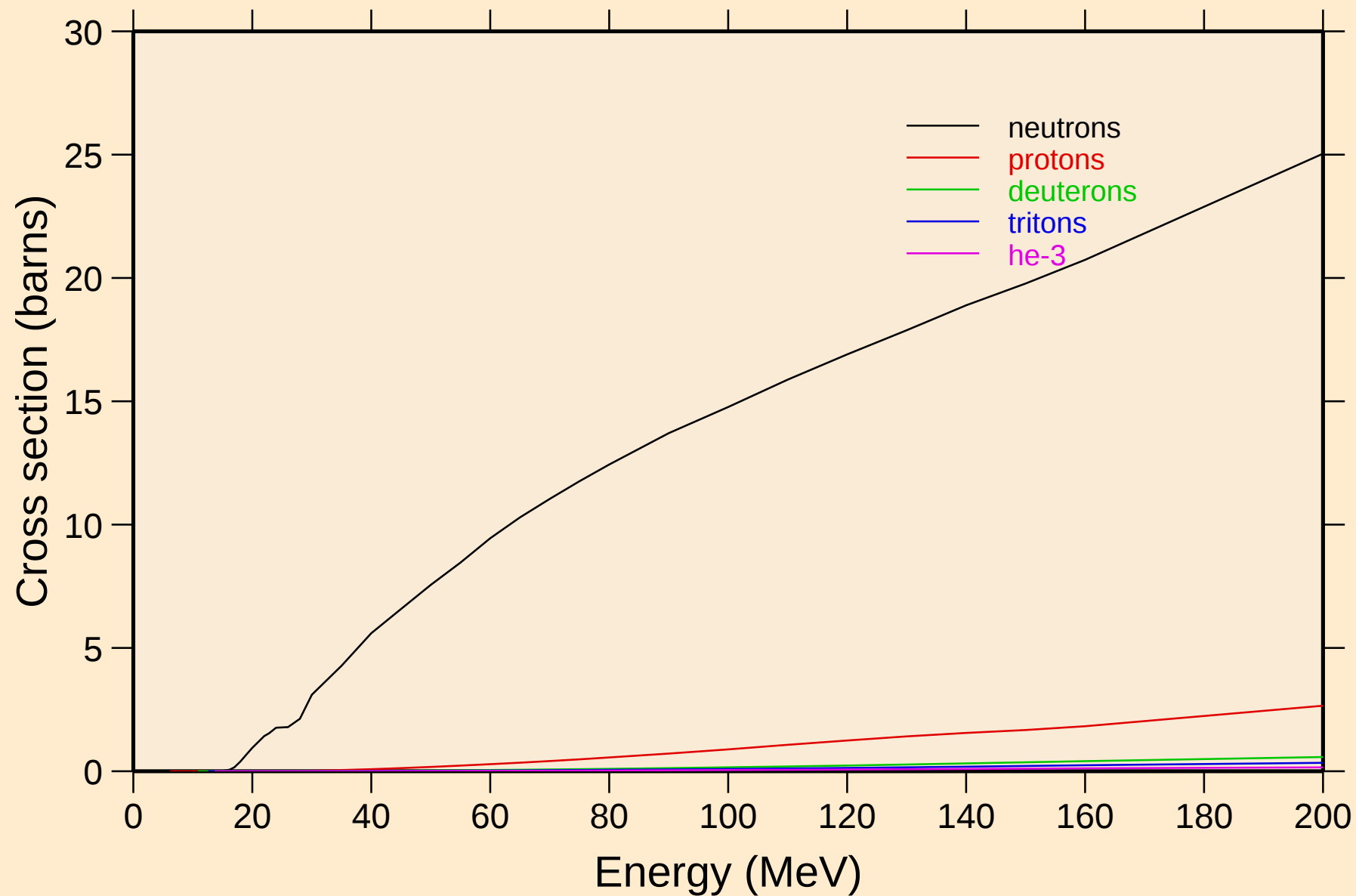
PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Recoil Heating

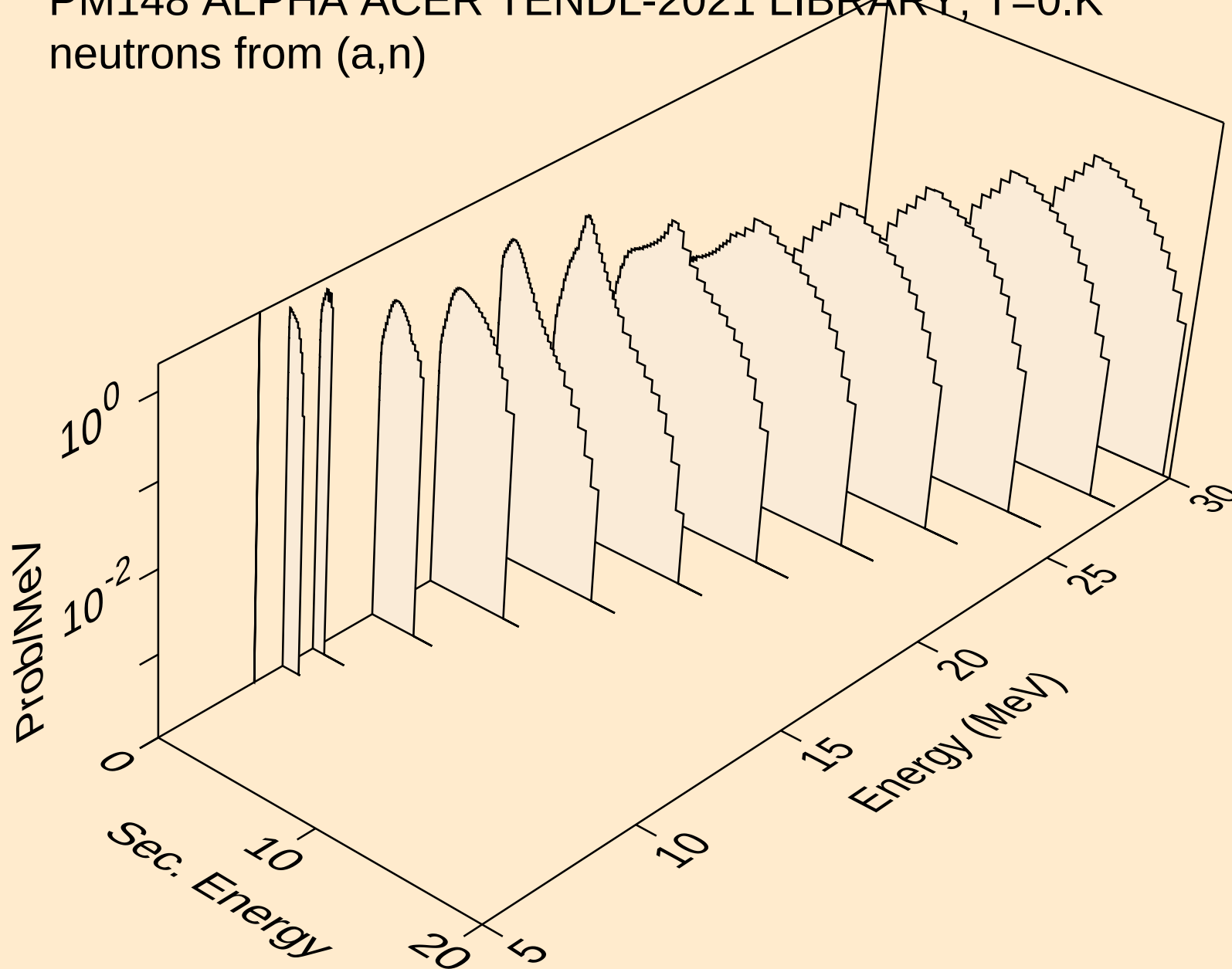


PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

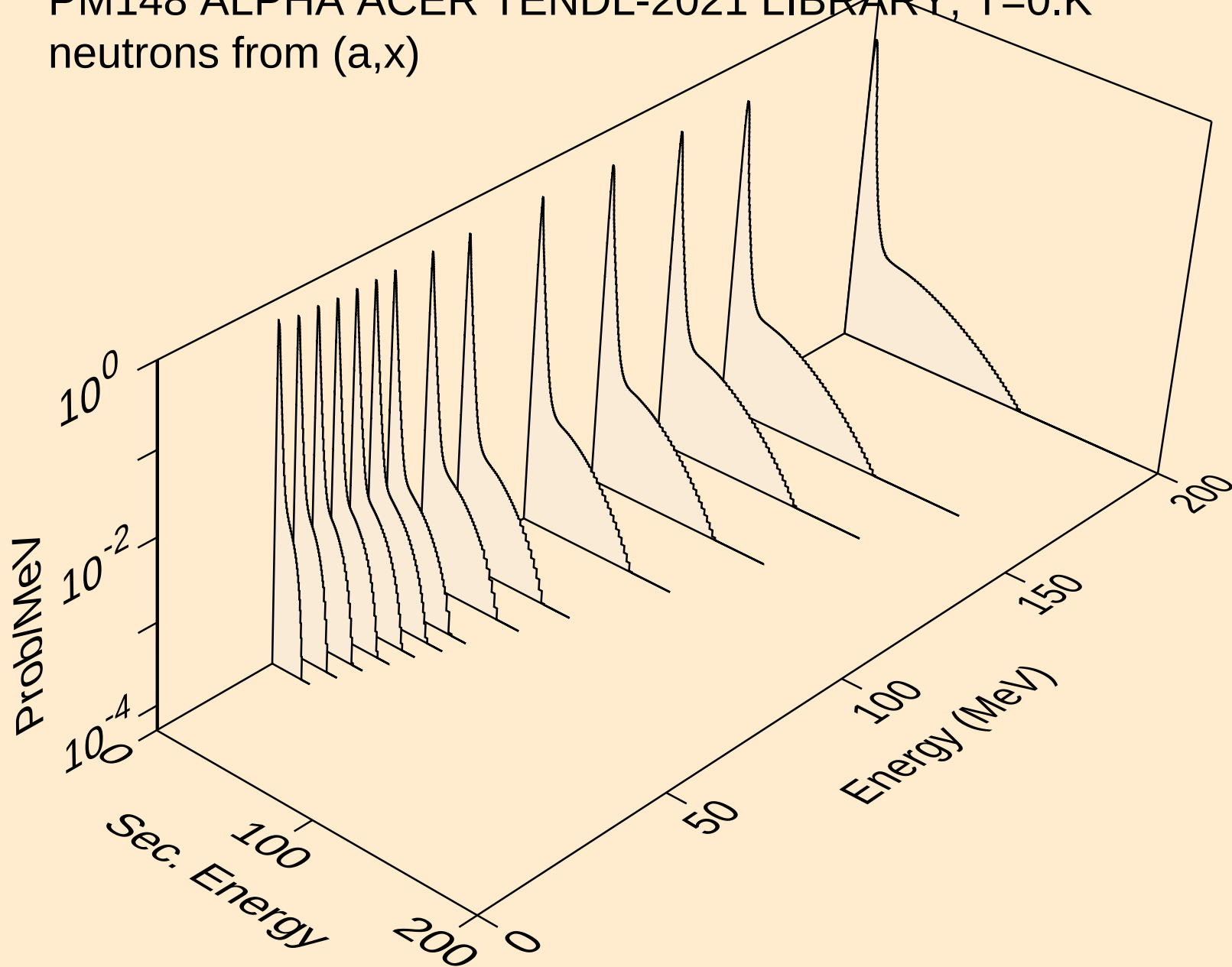
Particle production cross sections



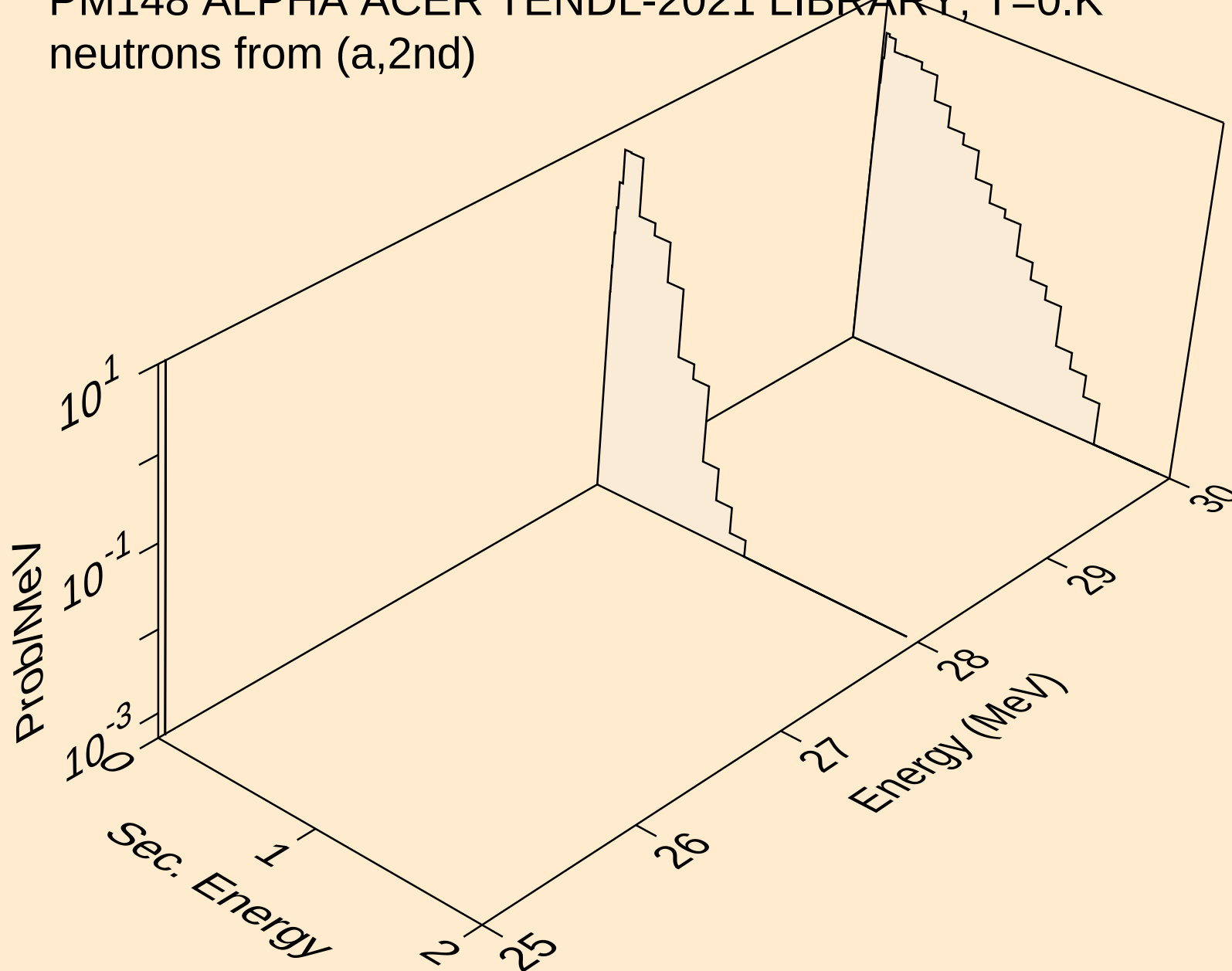
PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,n)



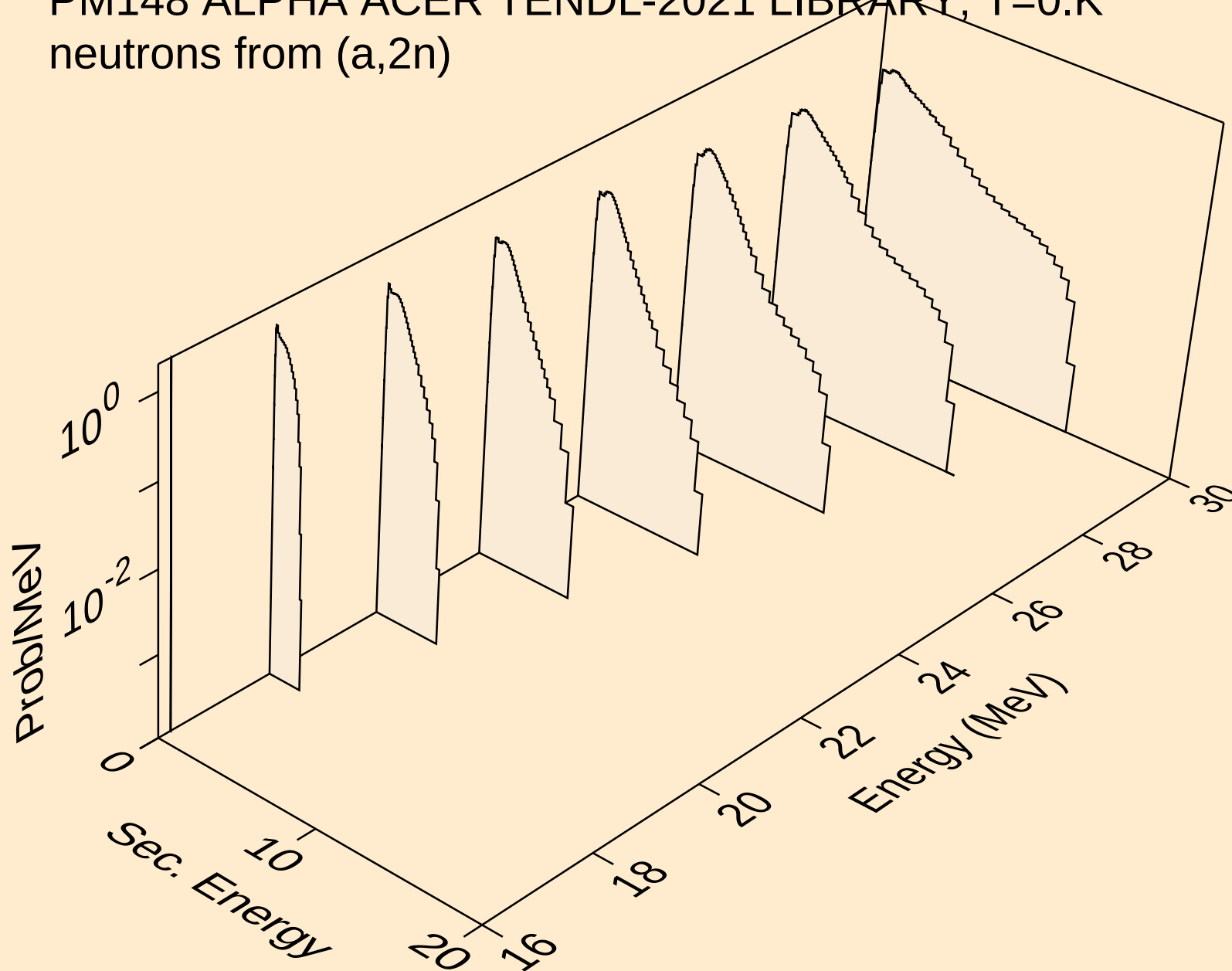
PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,x)



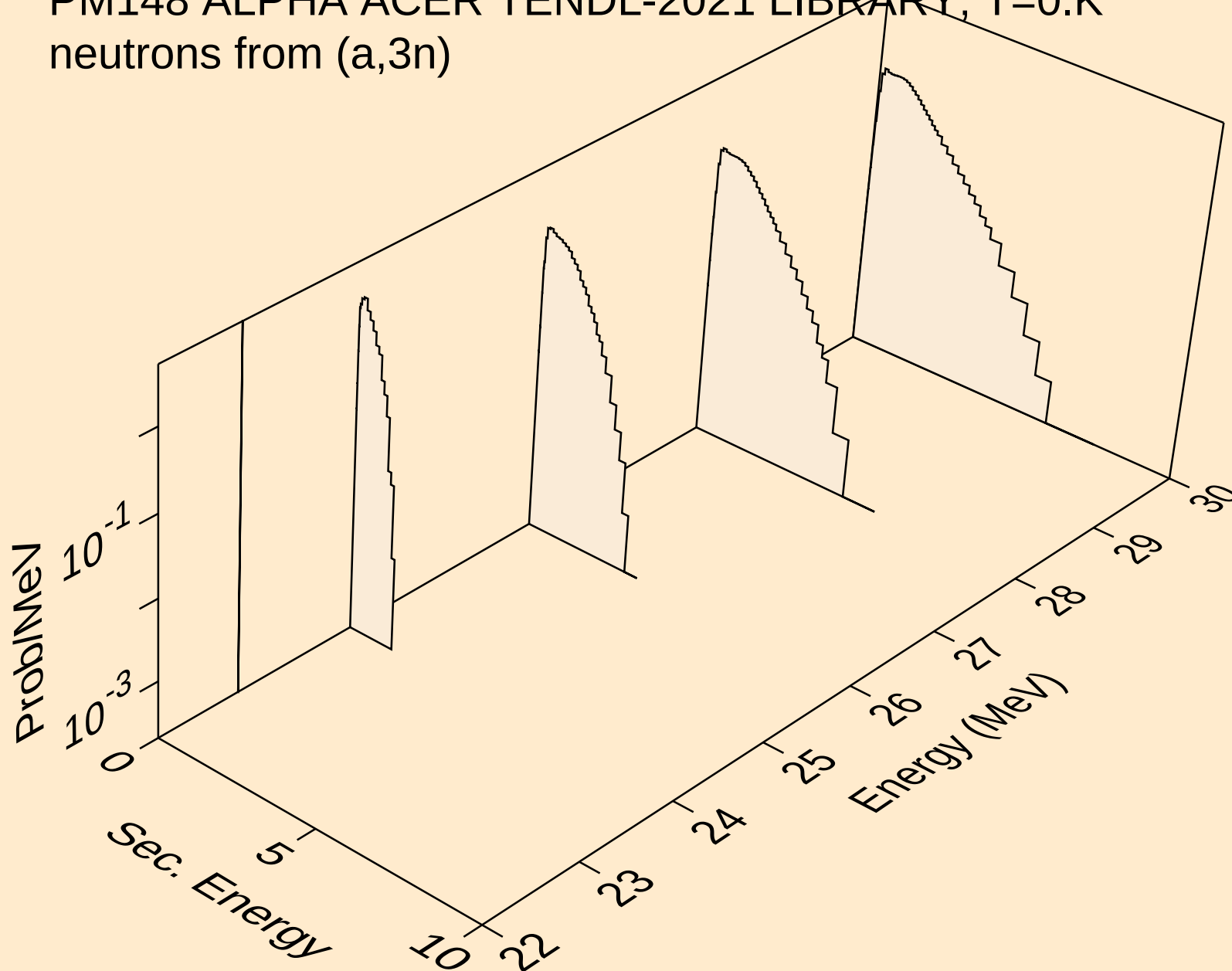
PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,2nd)



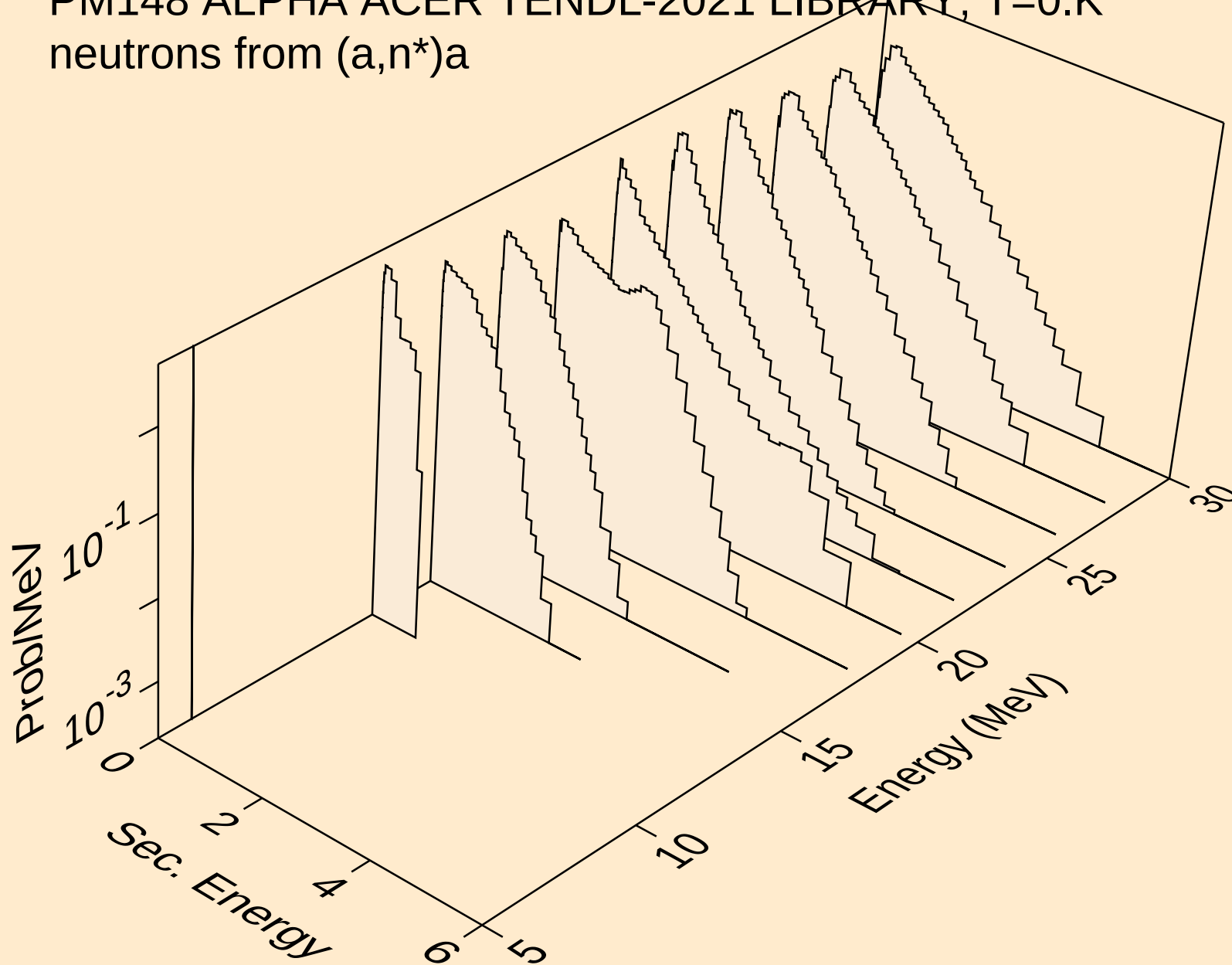
PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,2n)



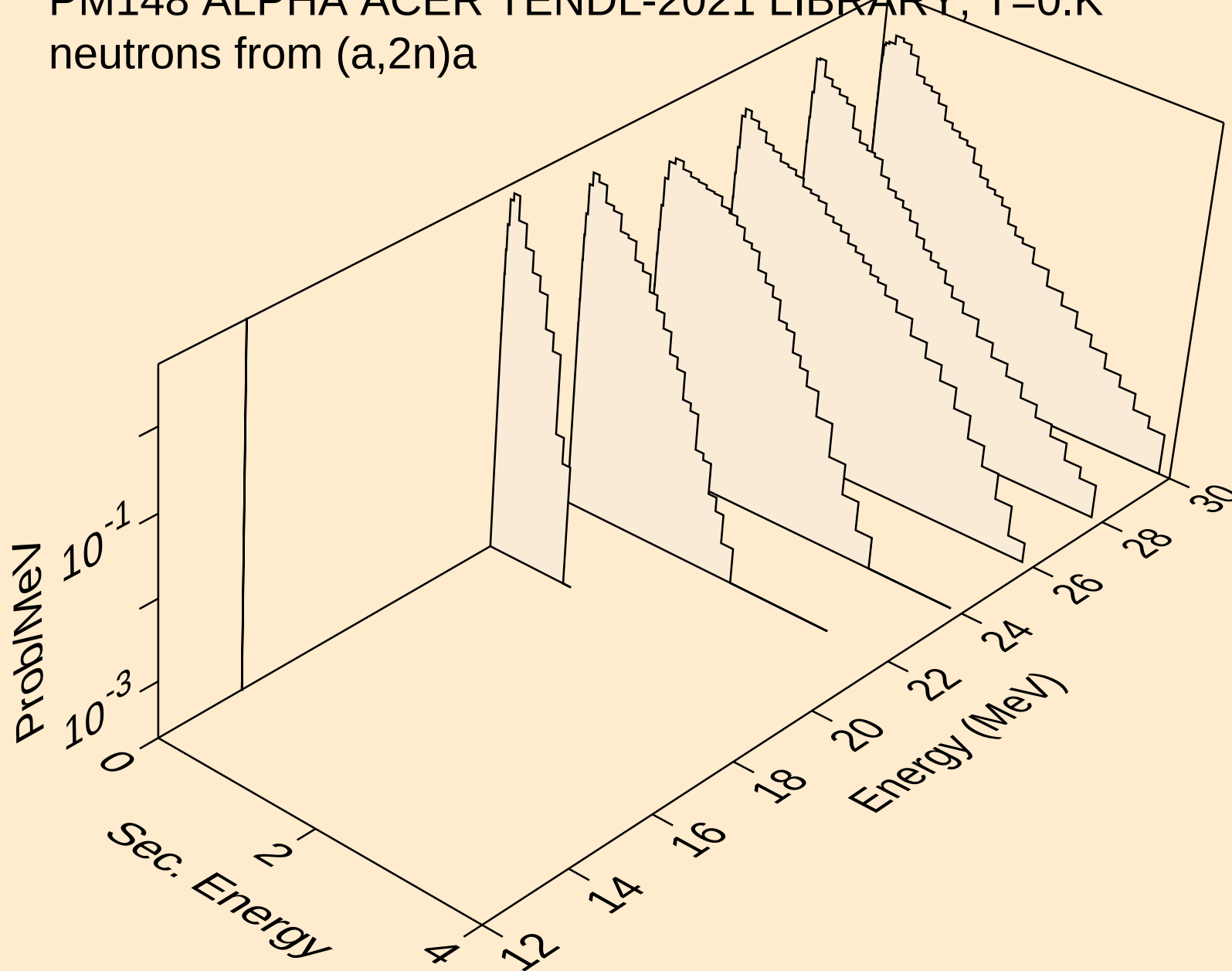
PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,3n)



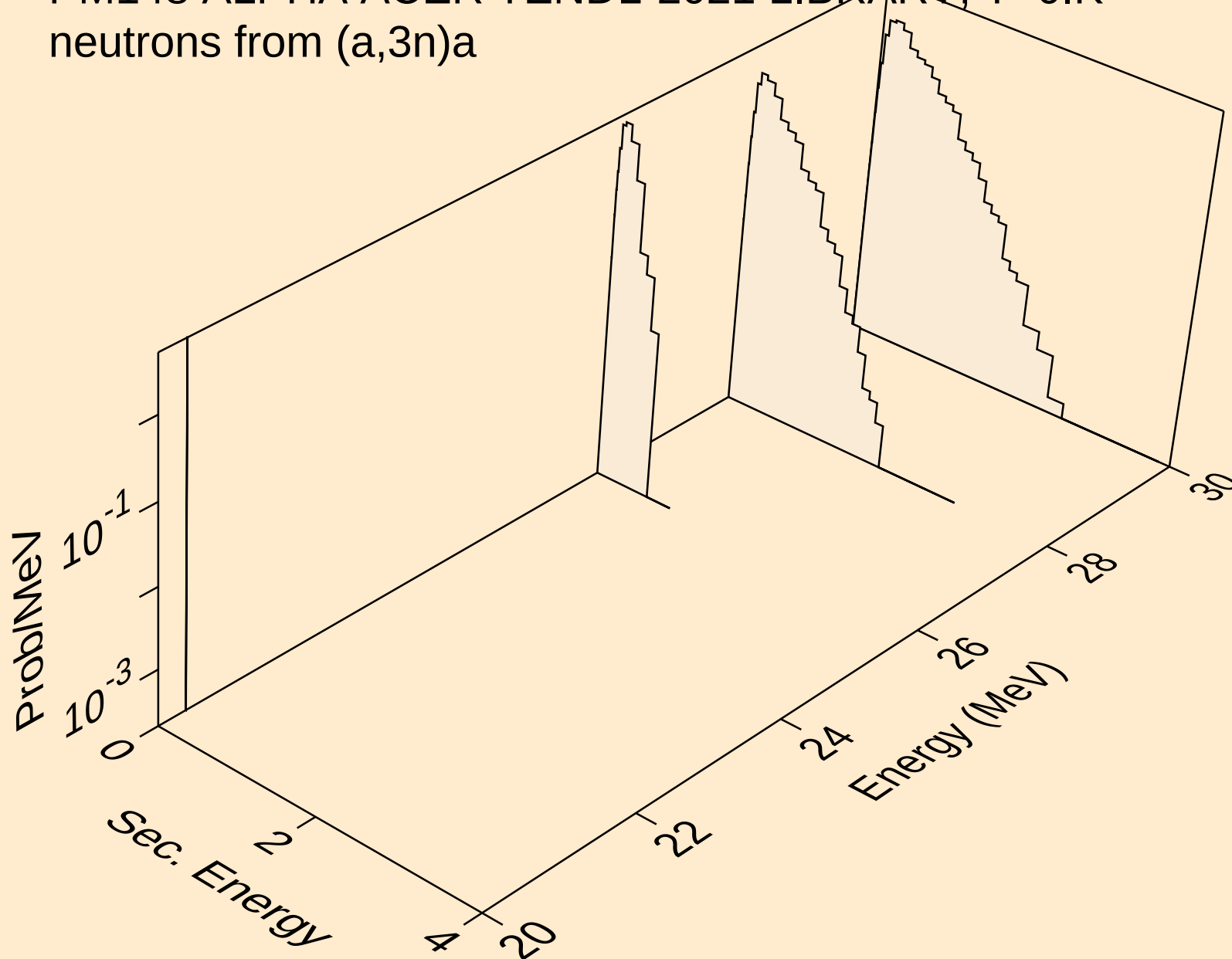
PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,n*)a



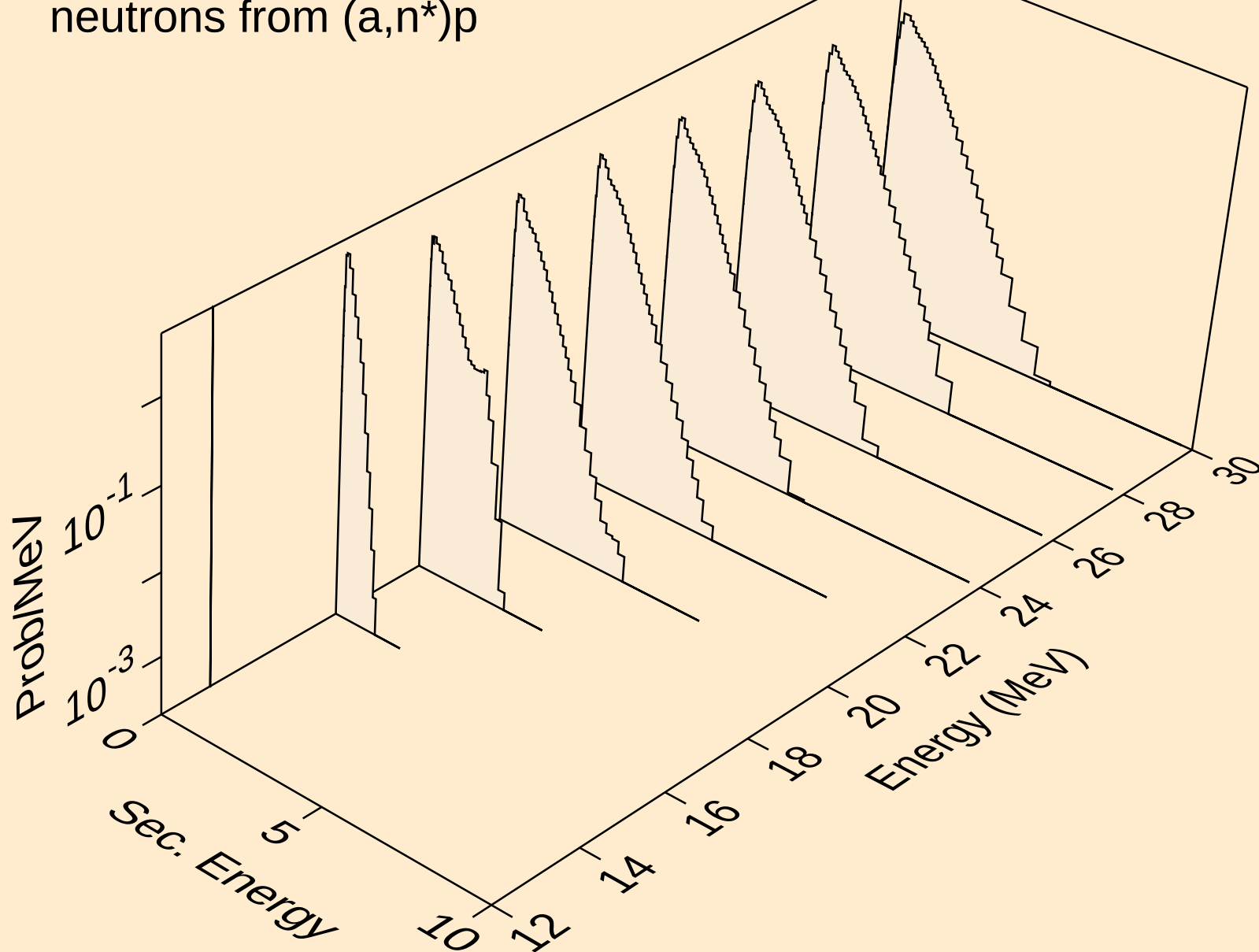
PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,2n)a



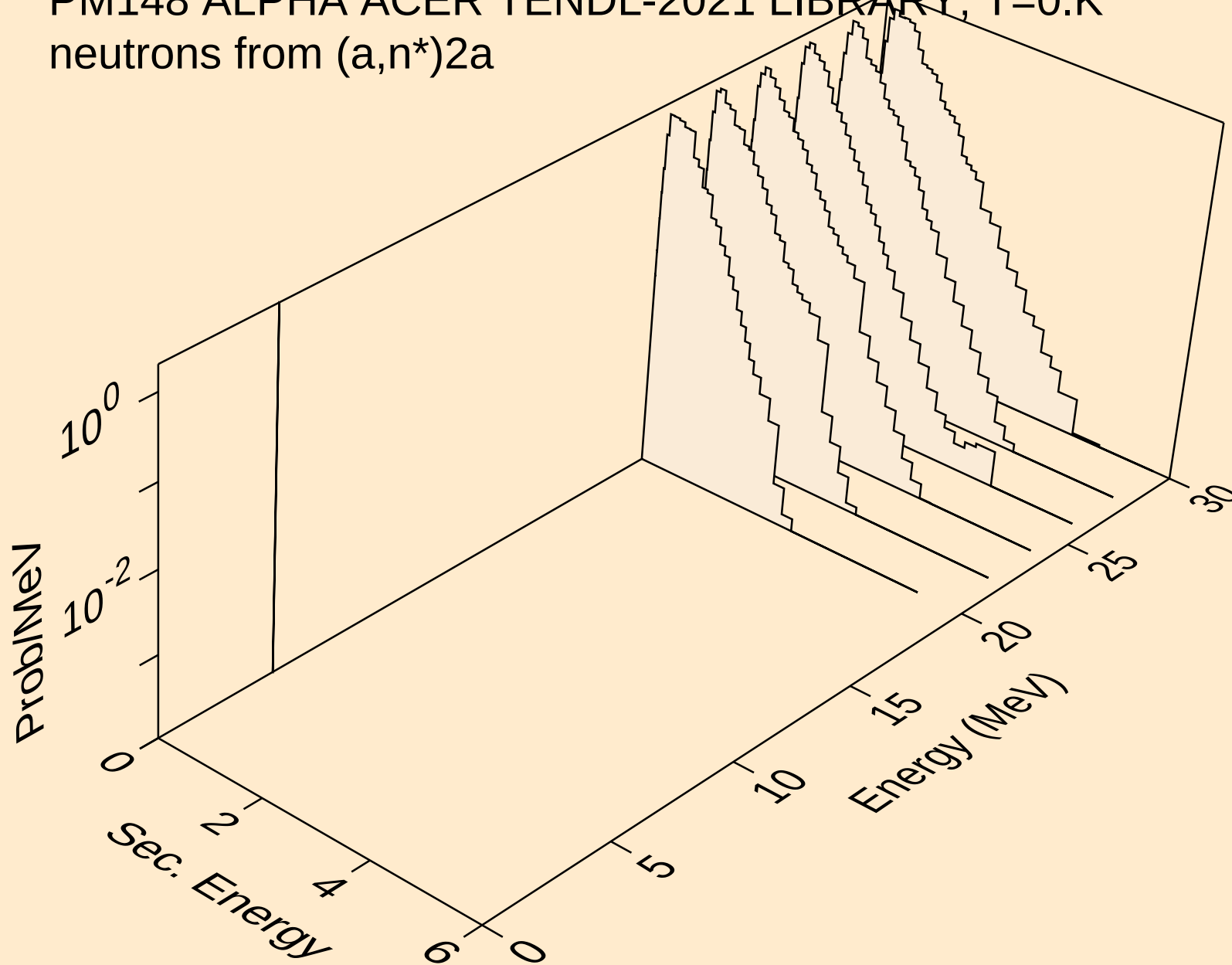
PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,3n)a



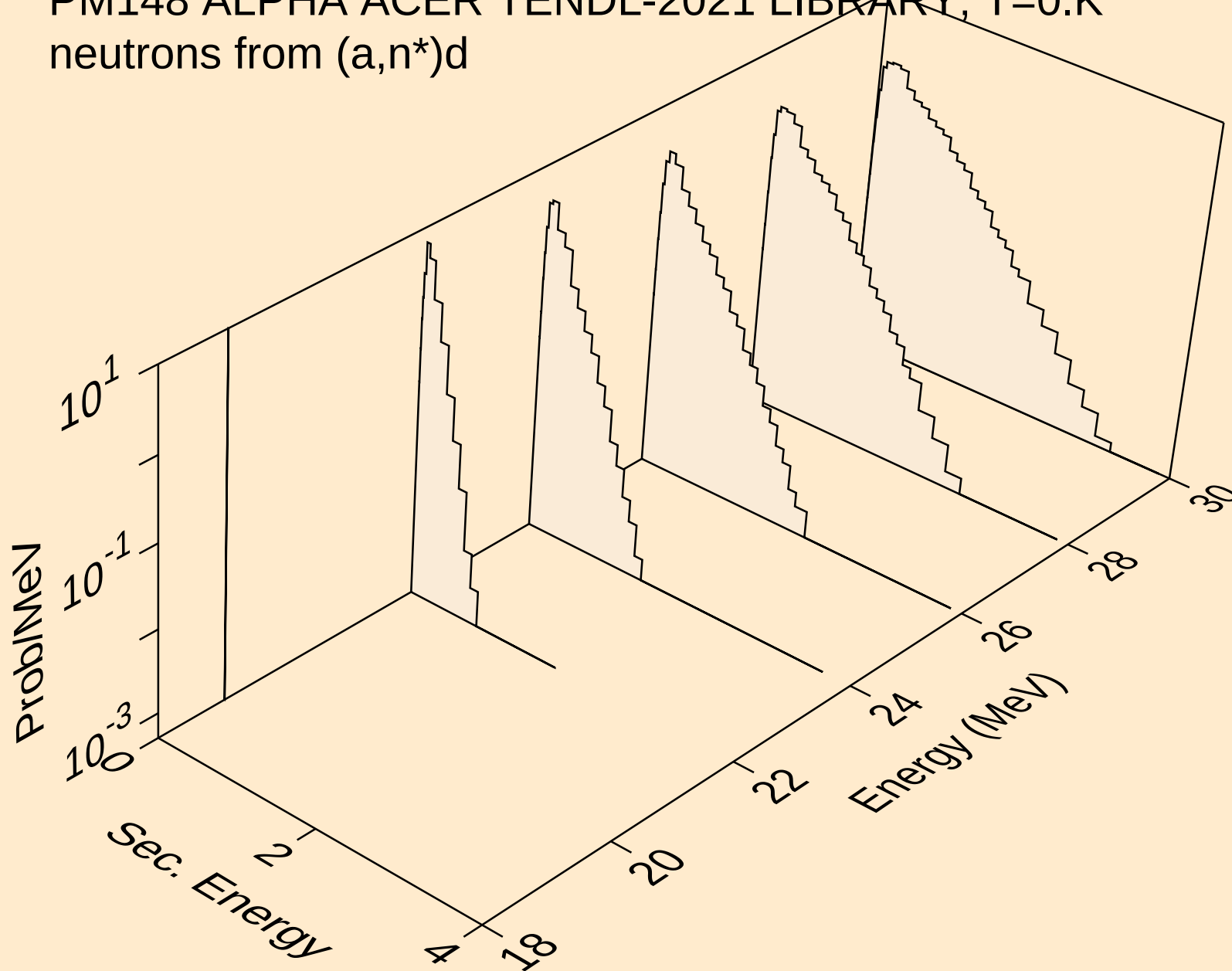
PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,n*)p



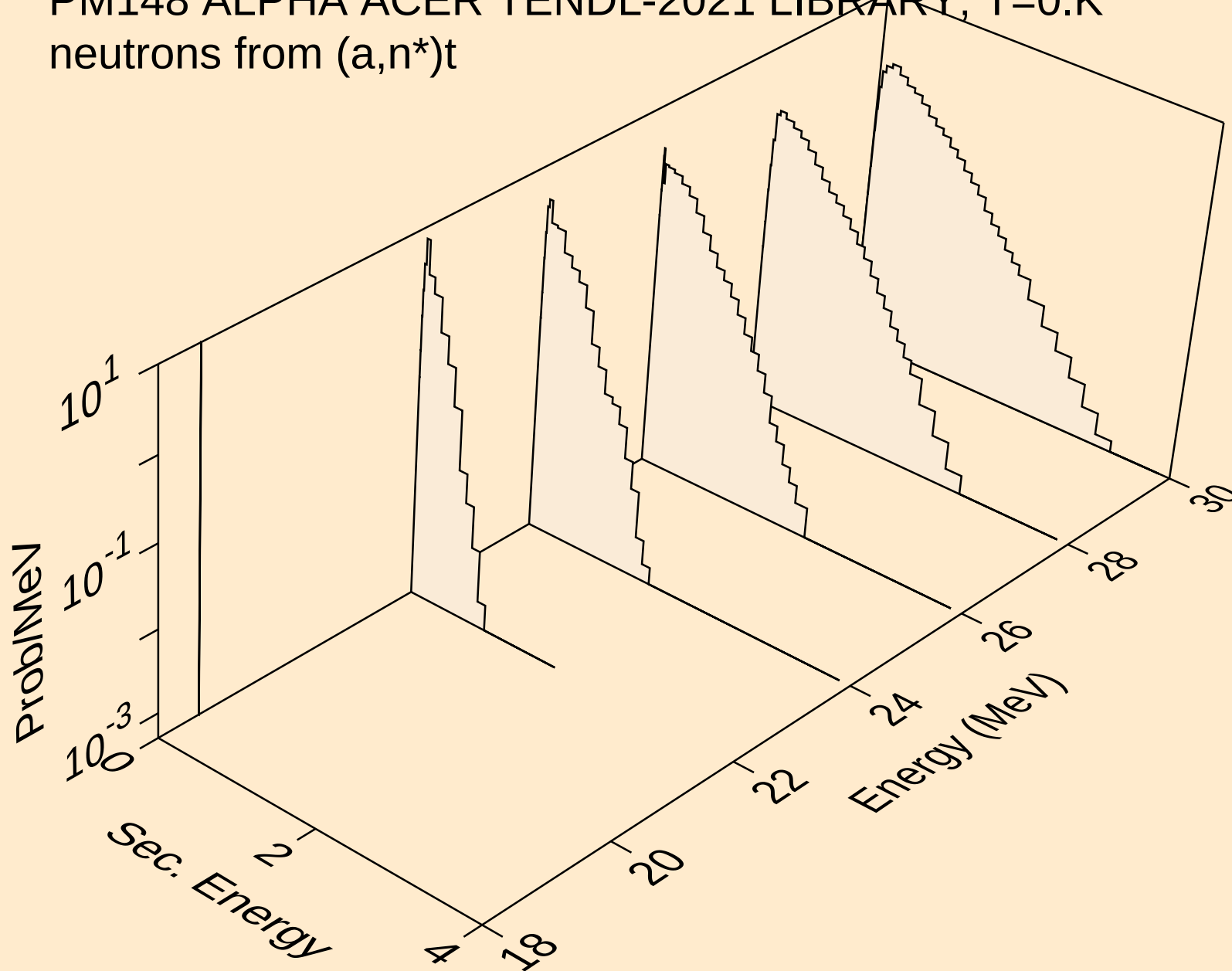
PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,n*)2a



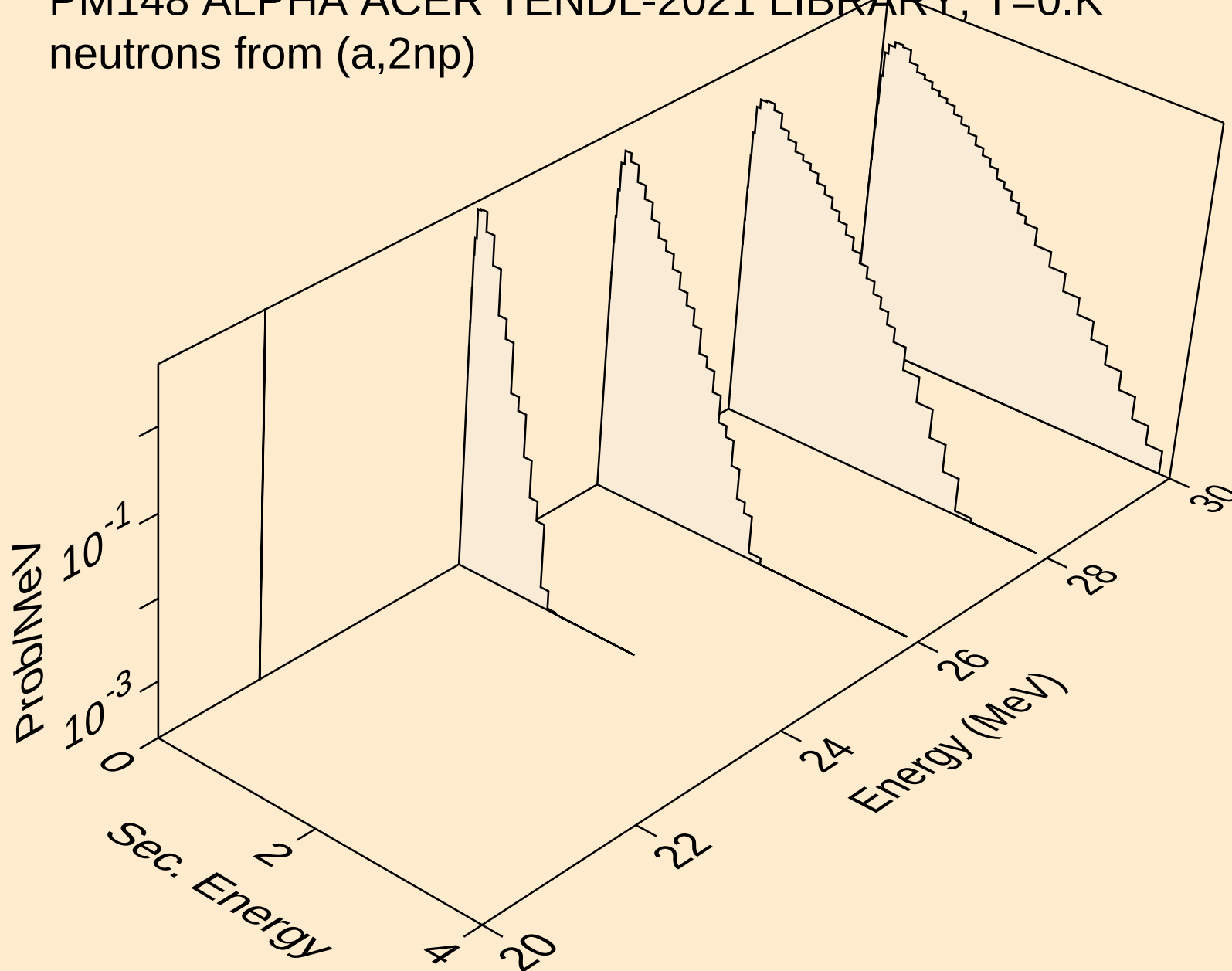
PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,n*)d



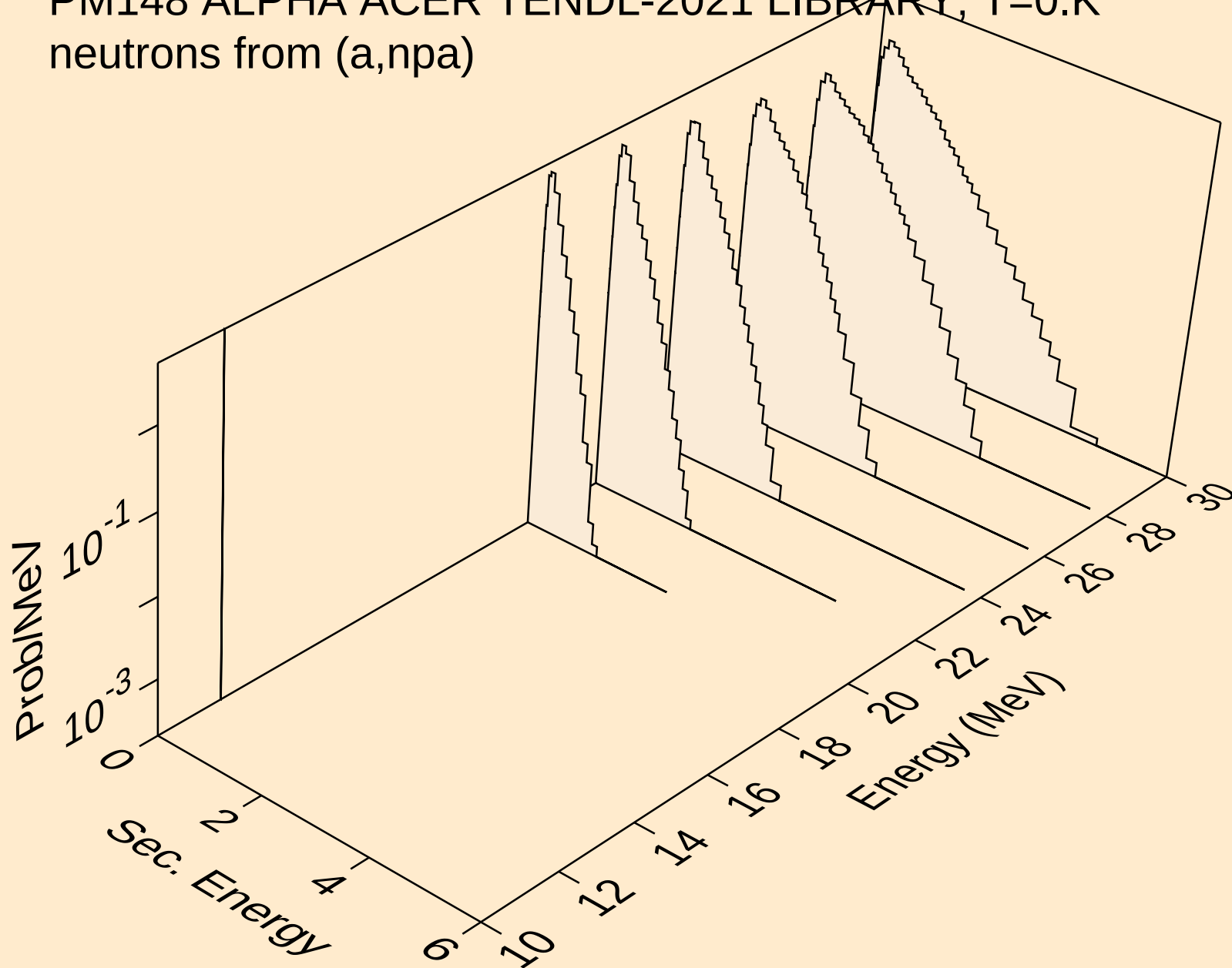
PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,n*)t



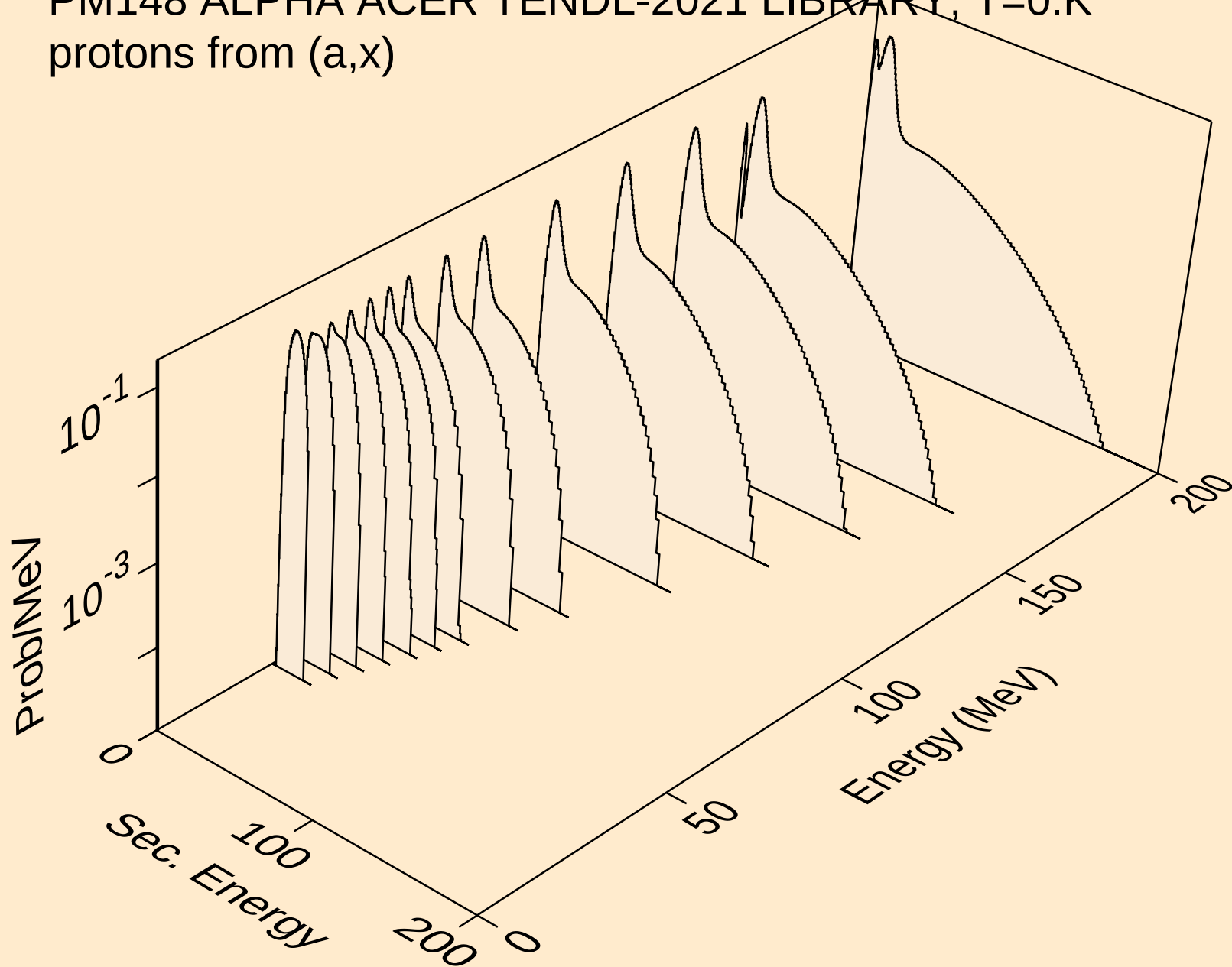
PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,2np)



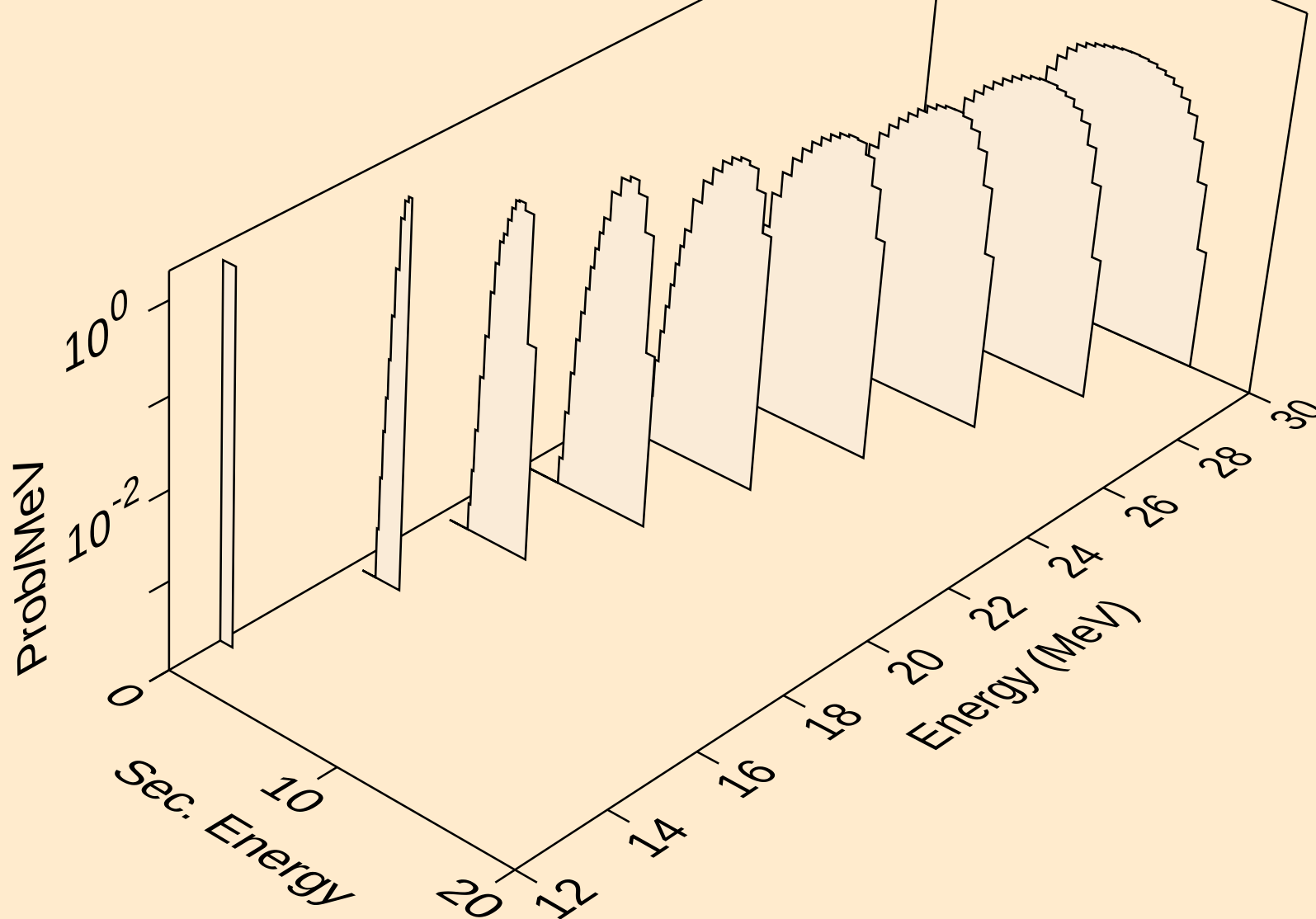
PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,npa)



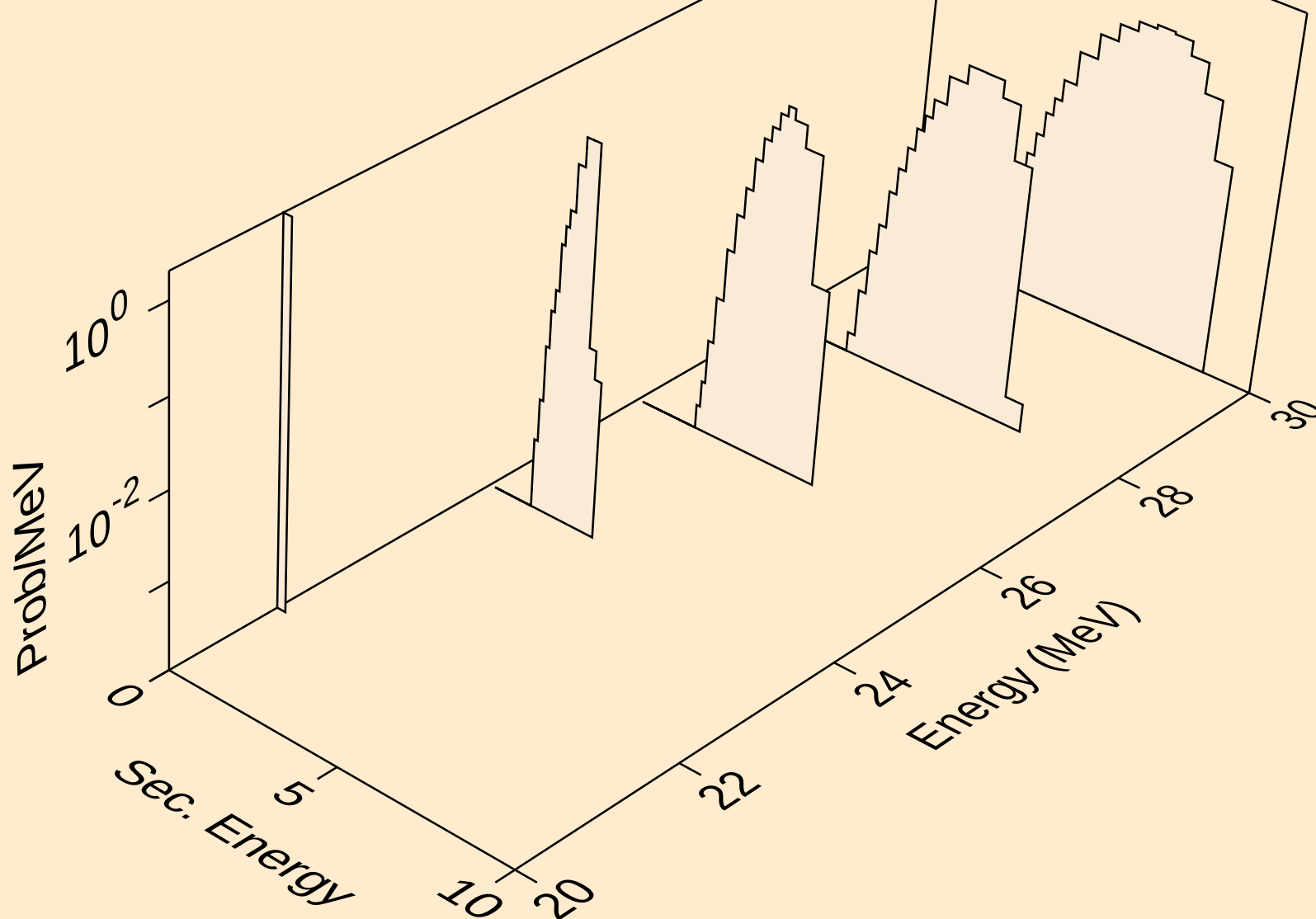
PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
protons from (a,x)



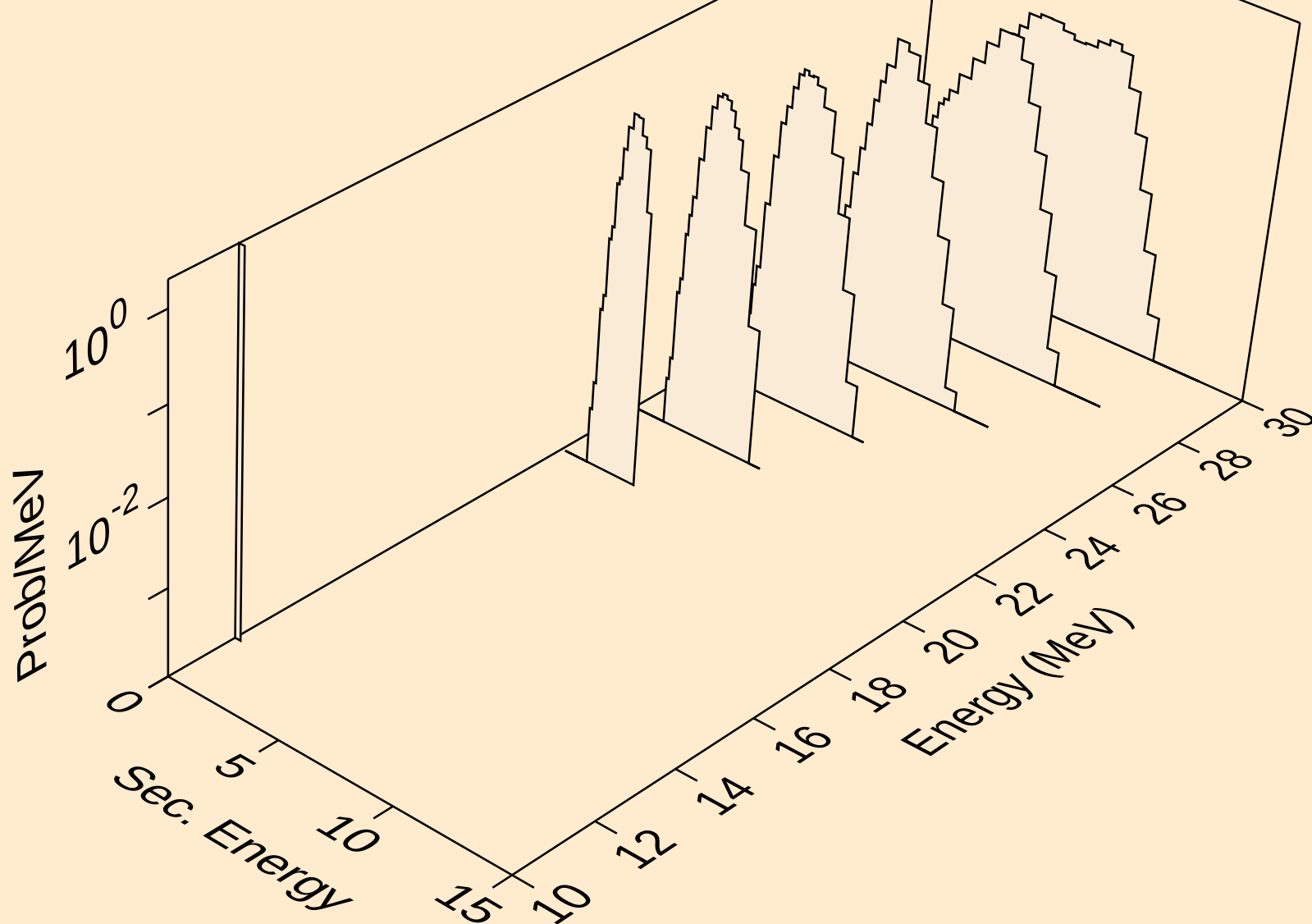
PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
protons from (a,n*)p



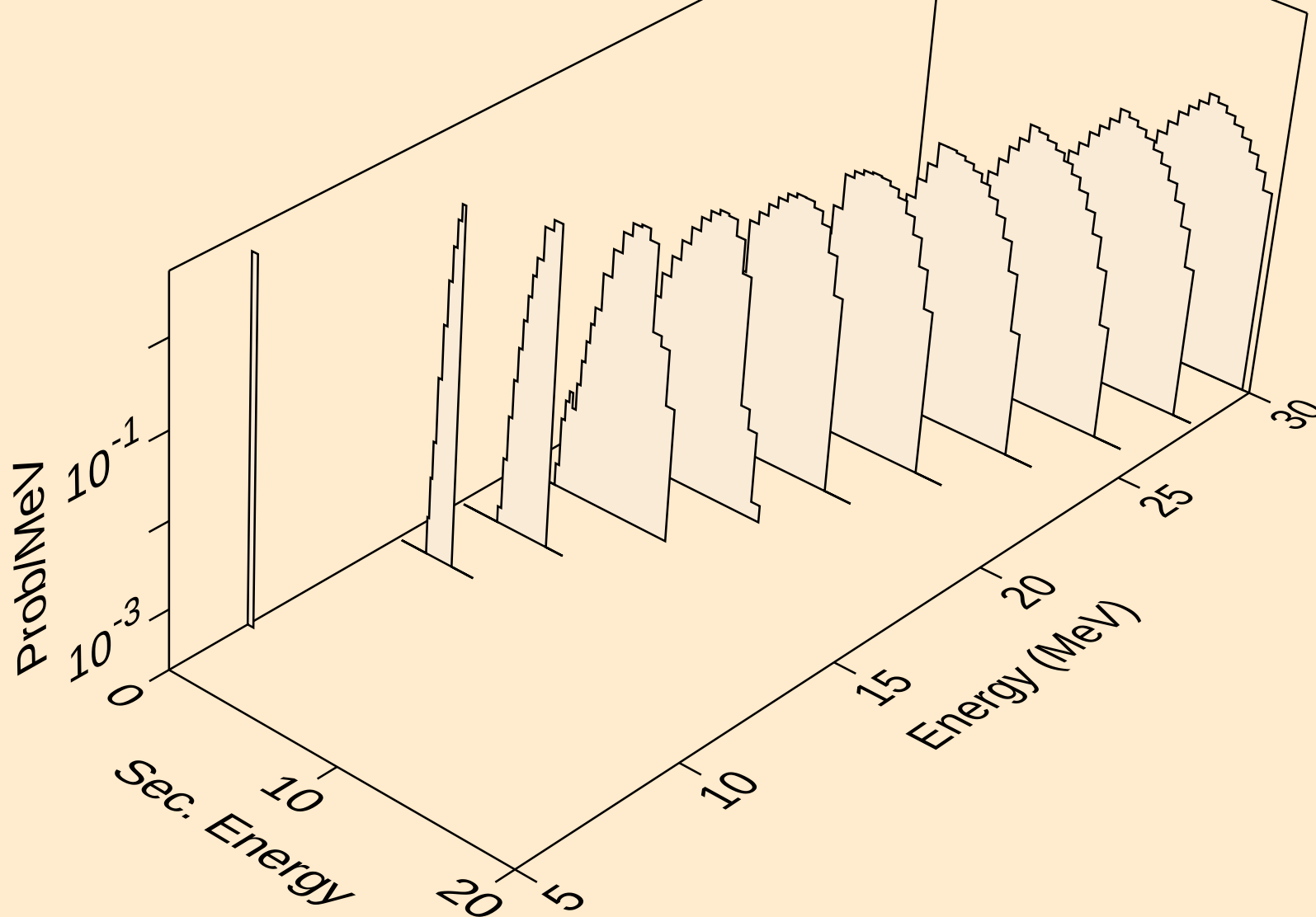
PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
protons from (a,2np)



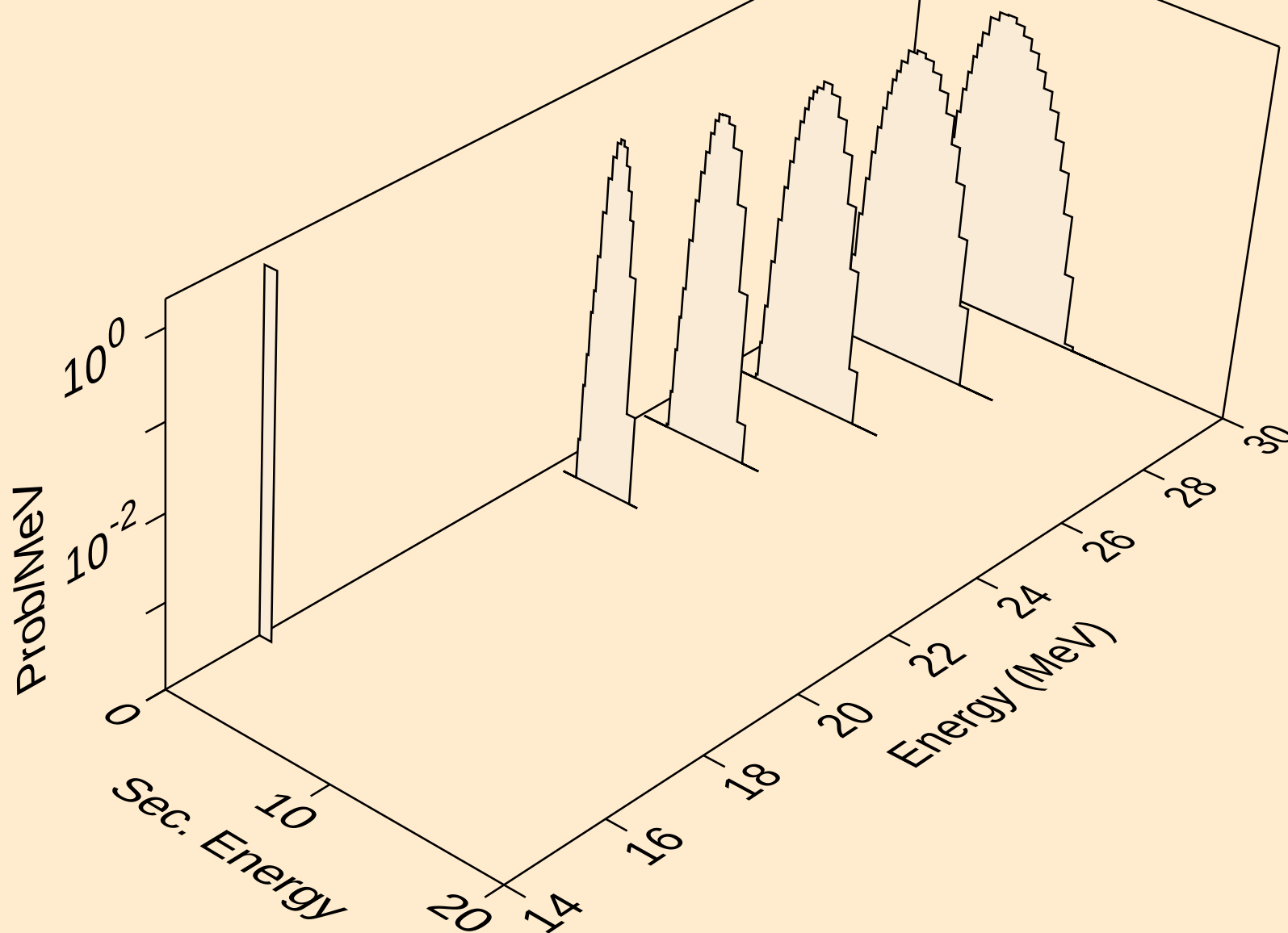
PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
protons from (a,npa)



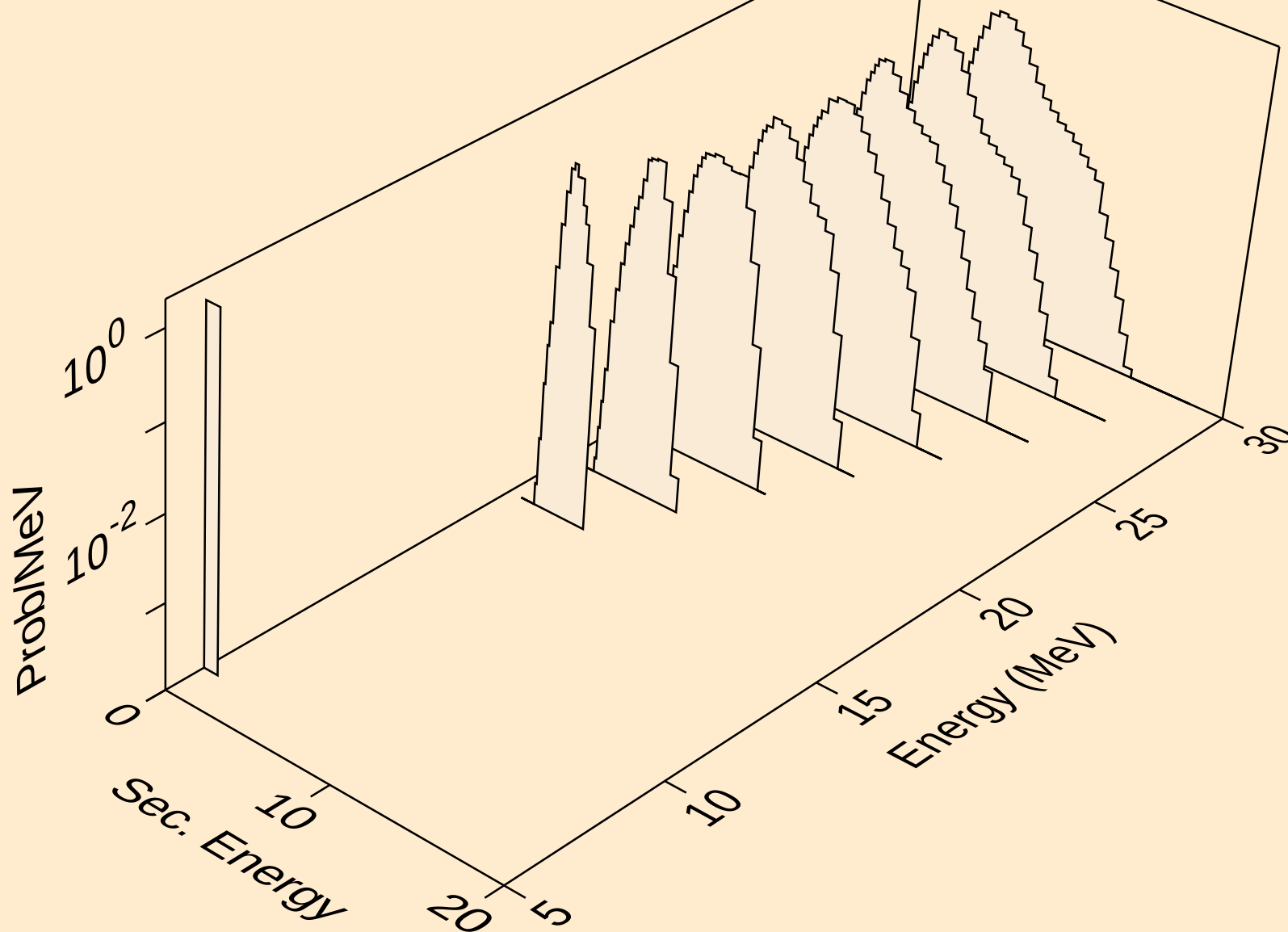
PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
protons from (a,p)



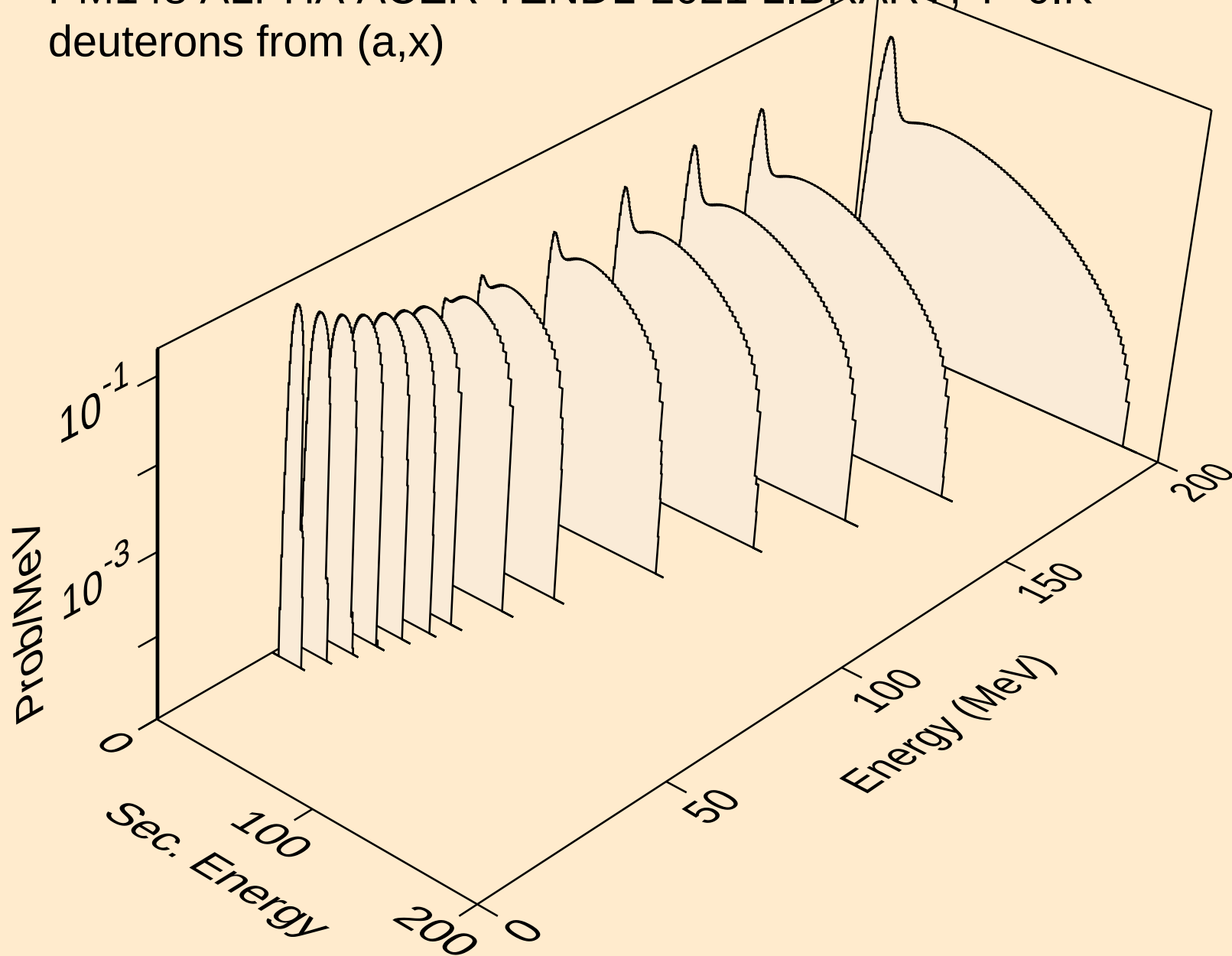
PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
protons from (a,2p)



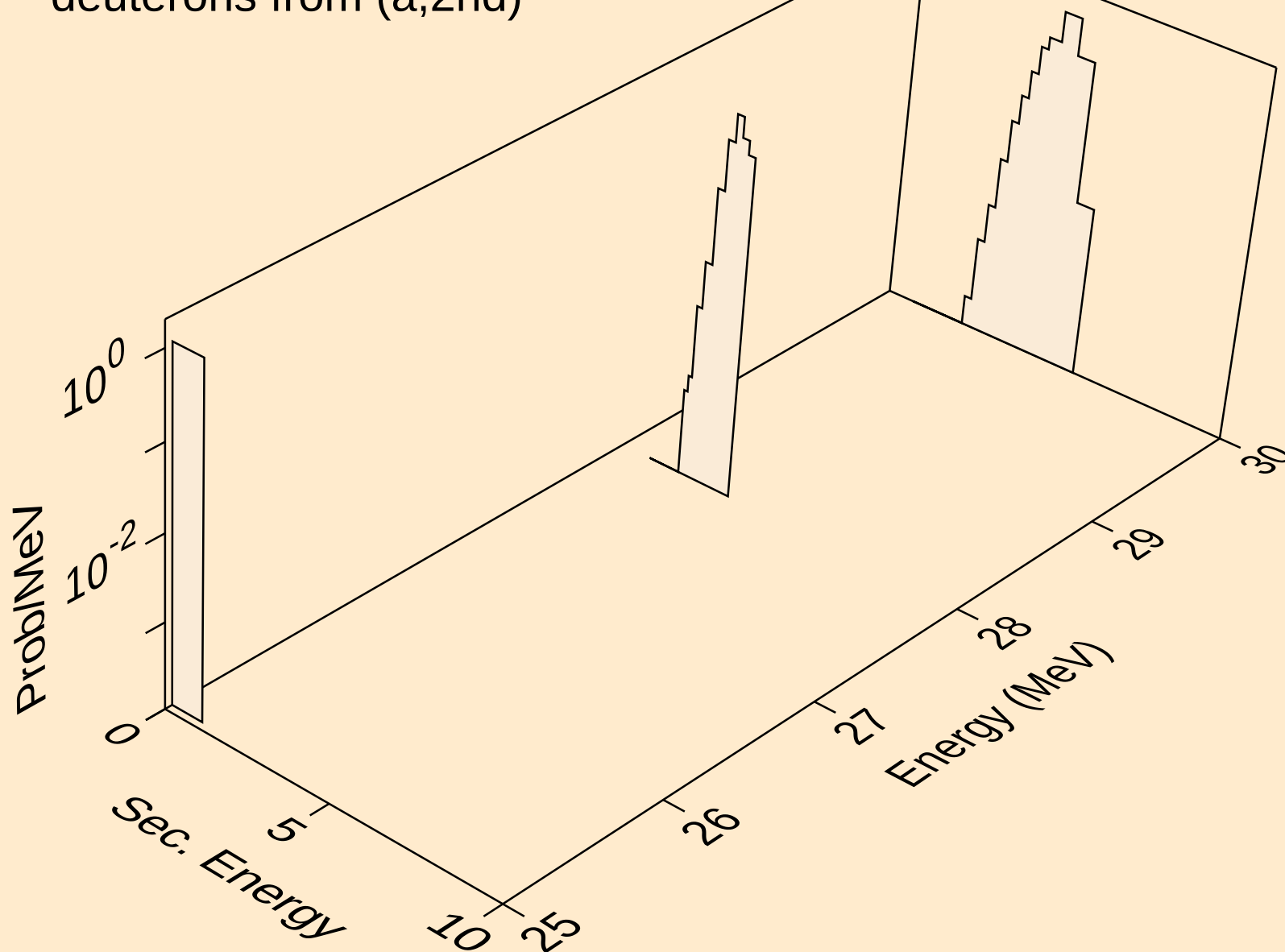
PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
protons from (a,pa)



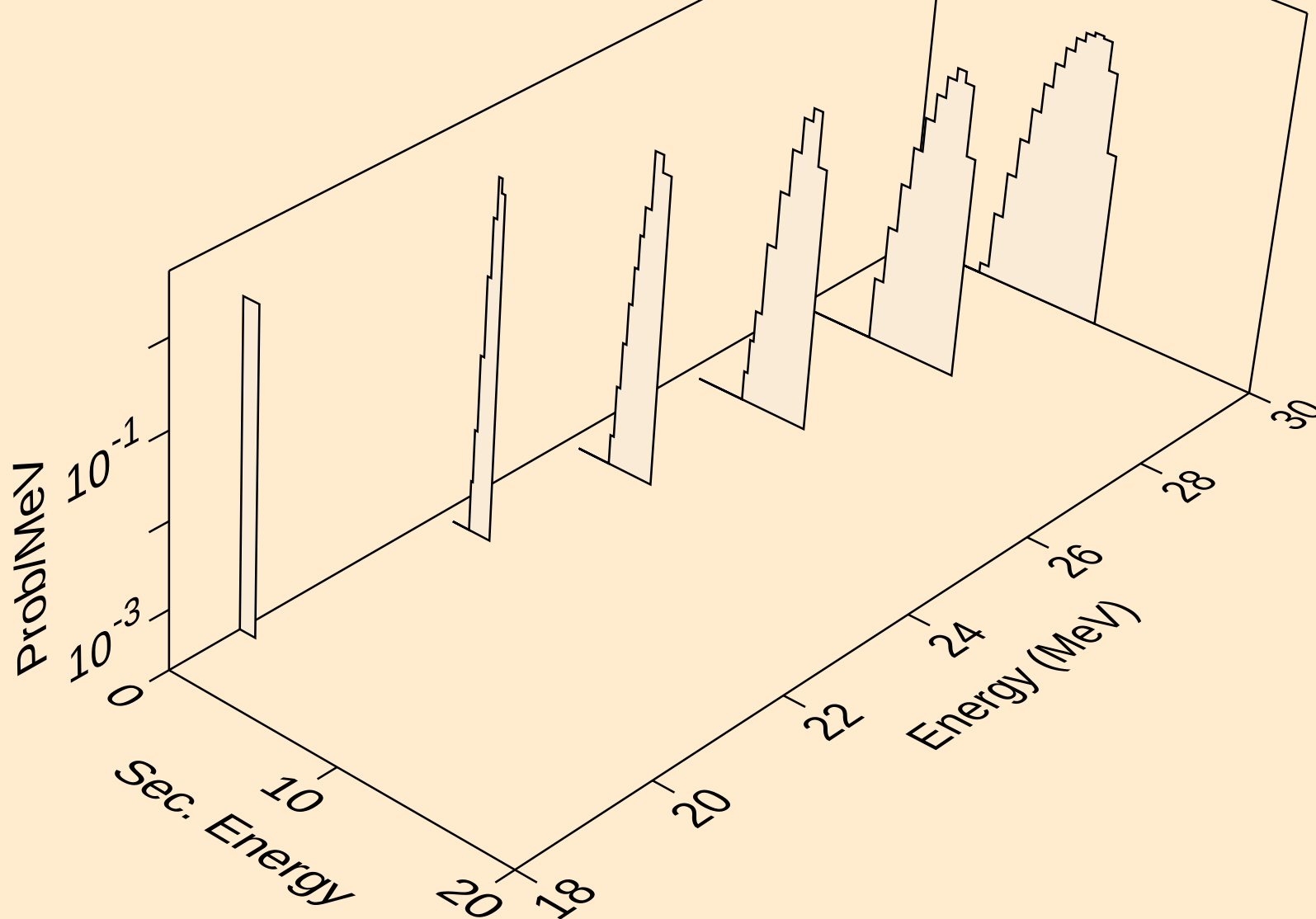
PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
deuterons from (a,x)



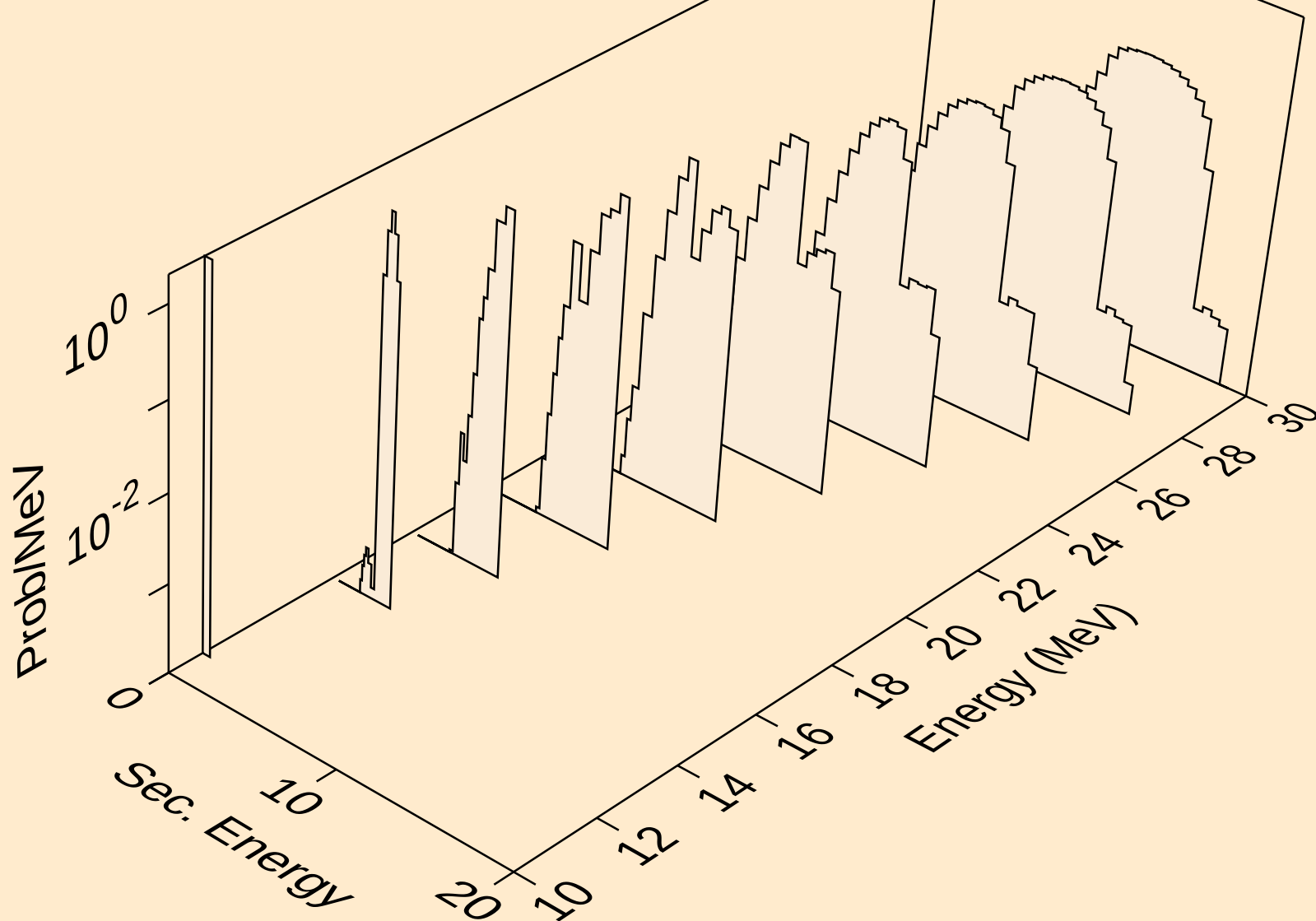
PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
deuterons from (a,2nd)



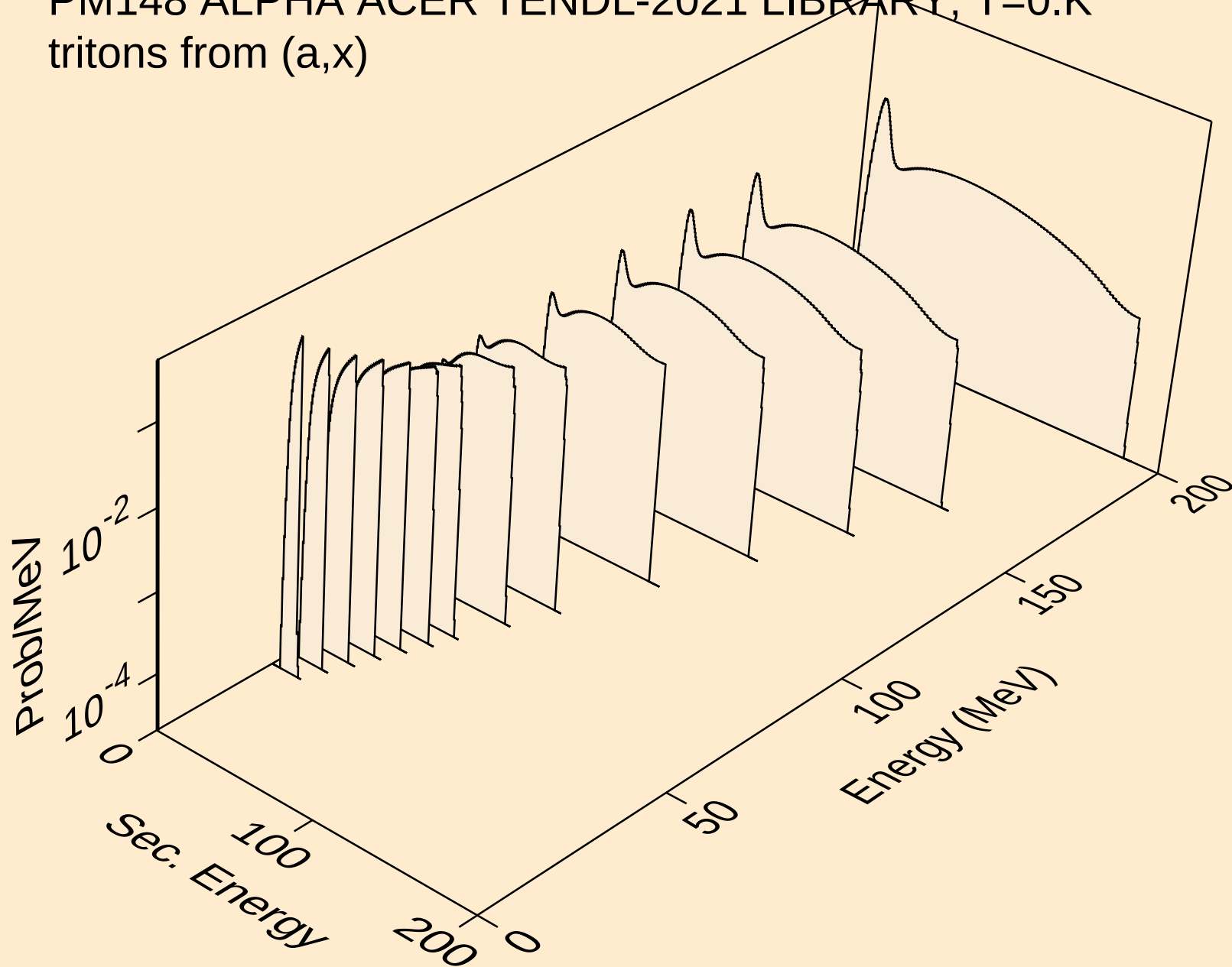
PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
deuterons from (a,n*)d



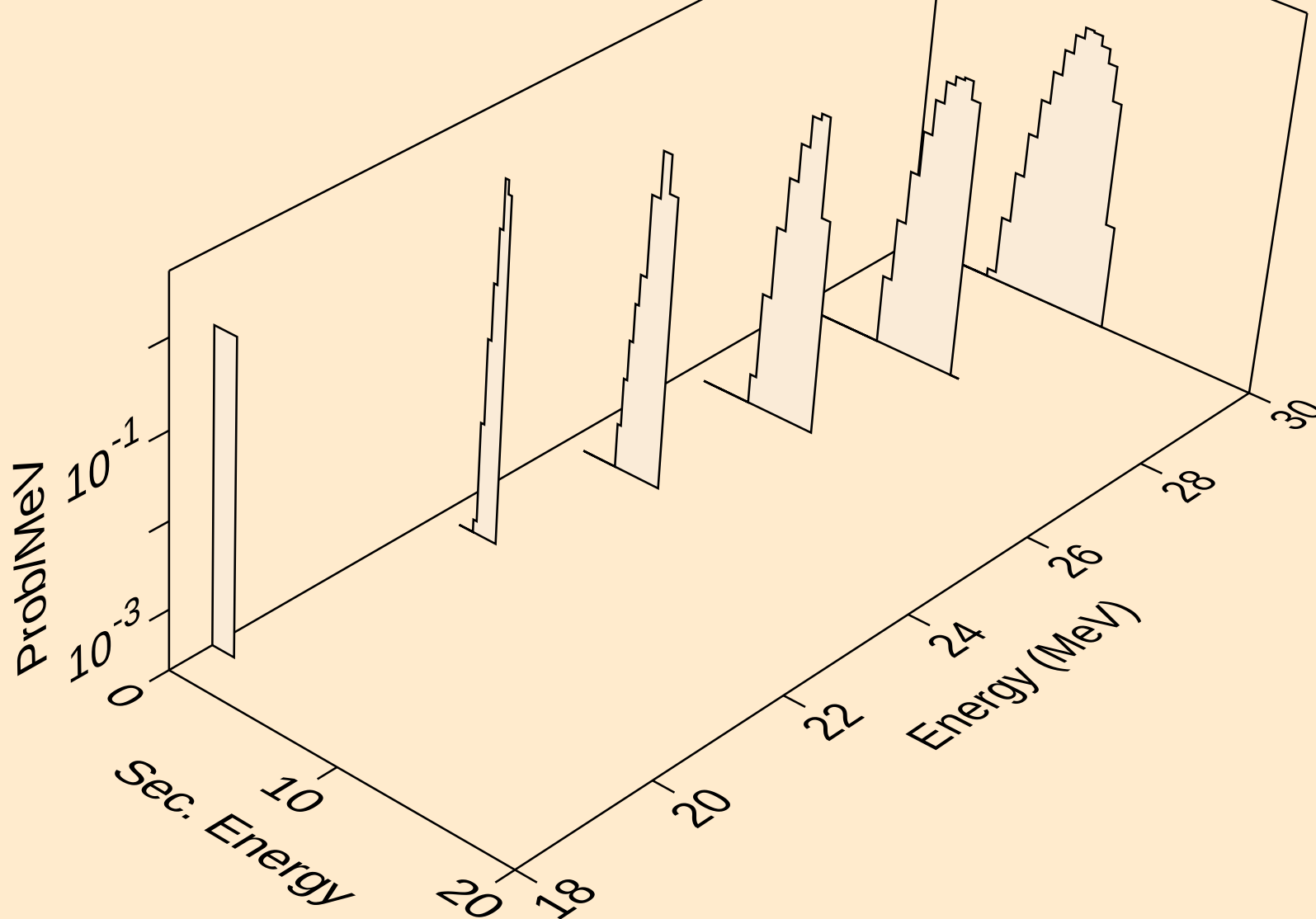
PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
deuterons from (a,d)



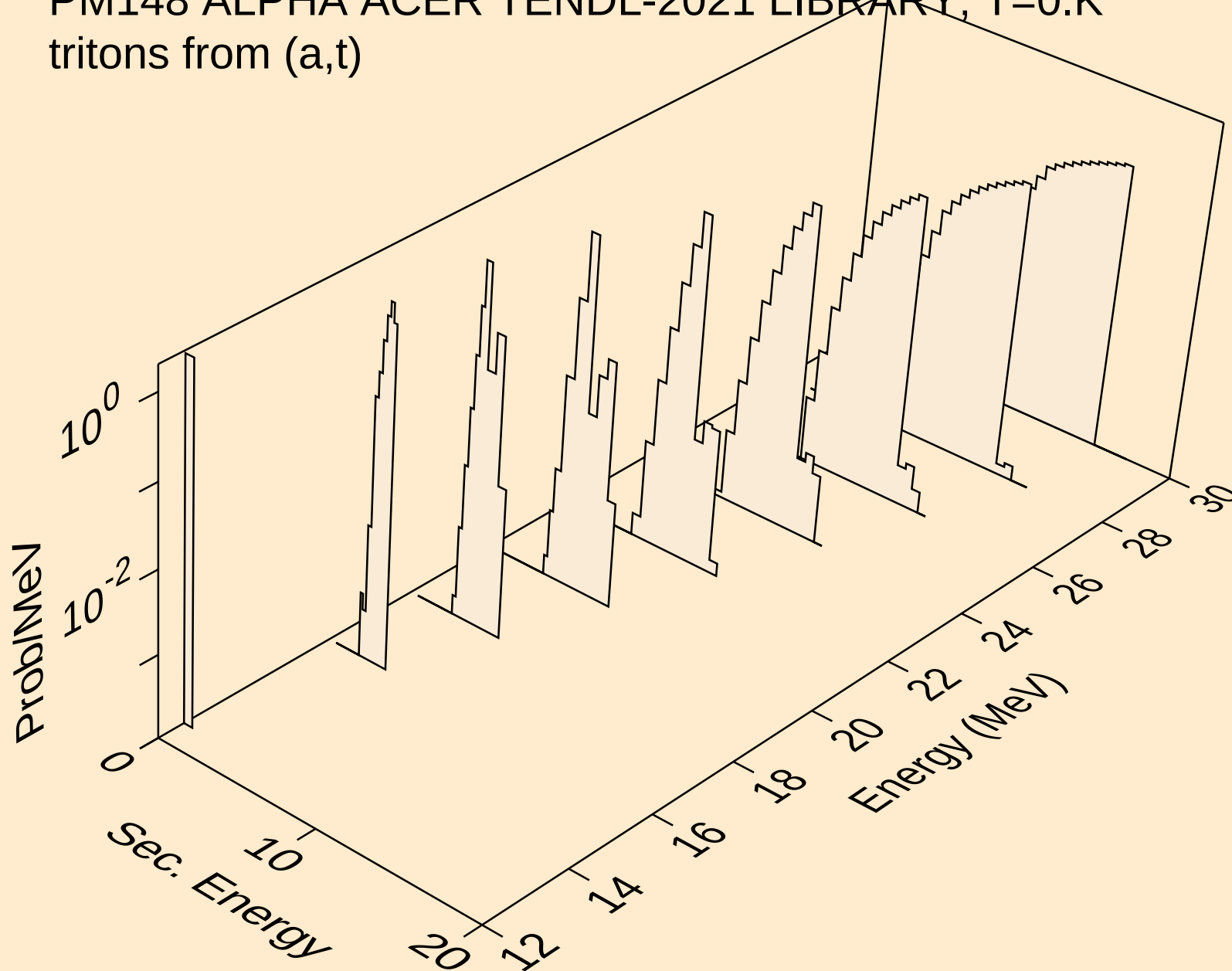
PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
tritons from (a,x)



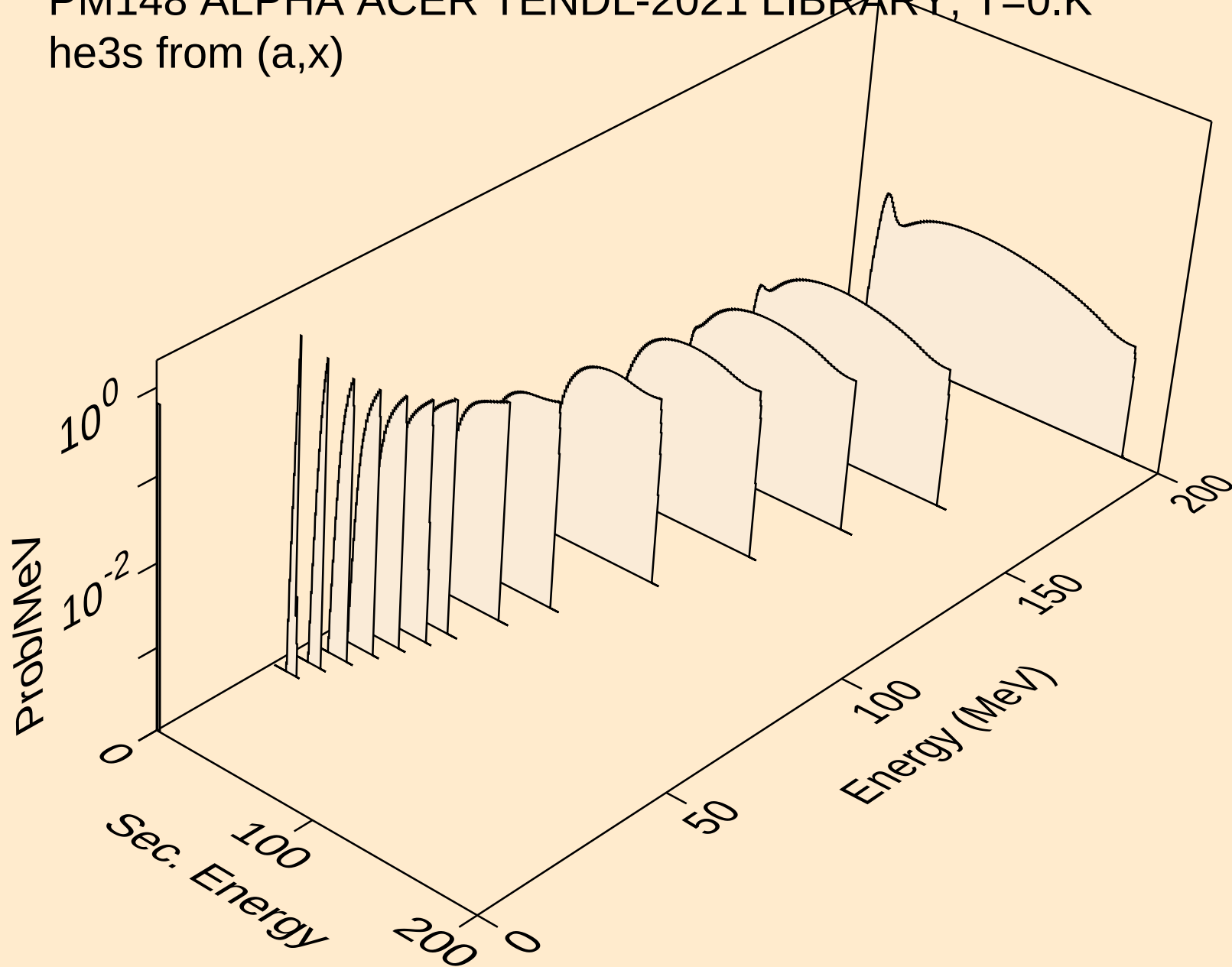
PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
tritons from (a,n*)t



PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
tritons from (a,t)



PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
he3s from (a,x)



PM148 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
he3s from (a,he3)

