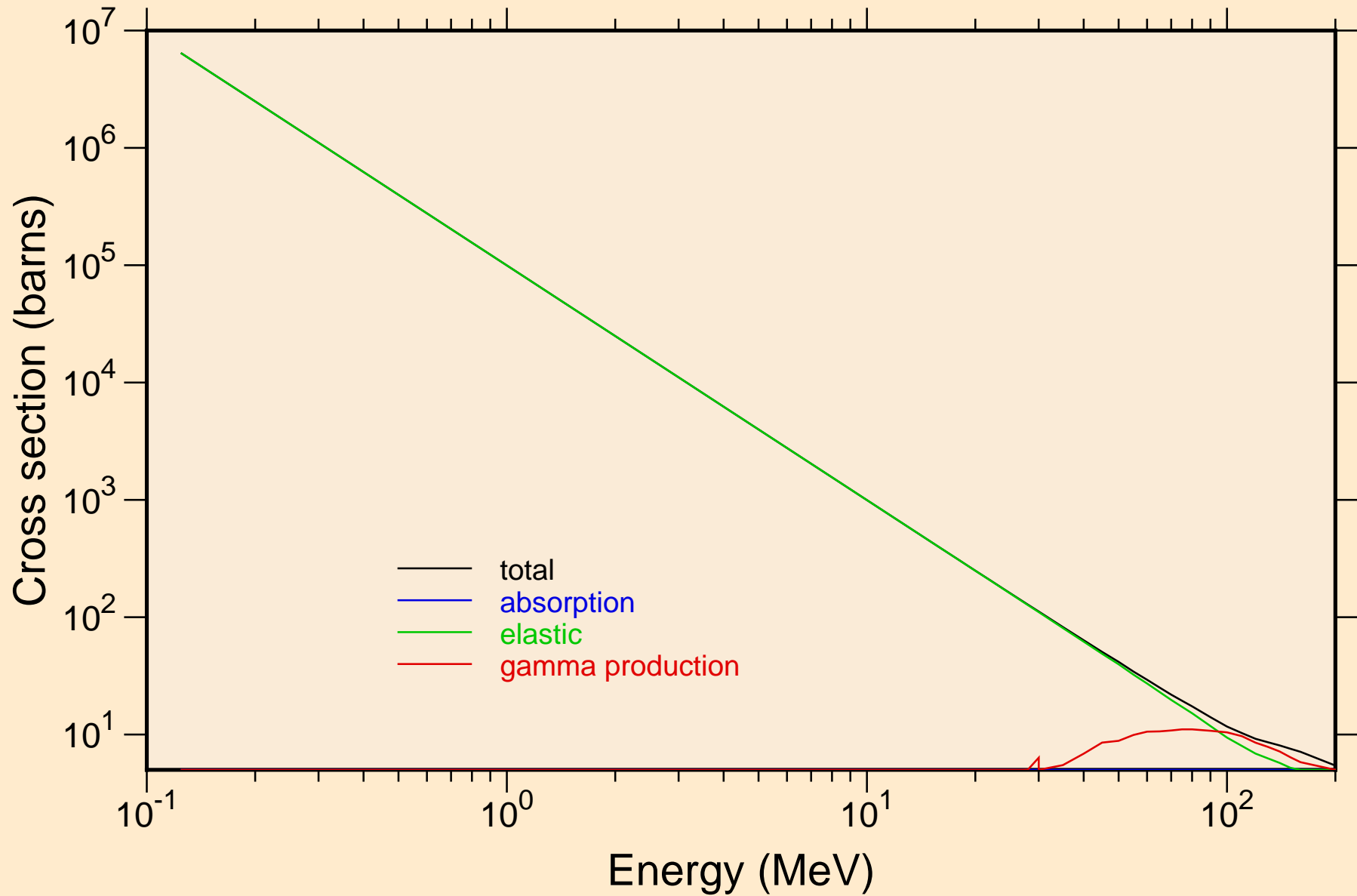


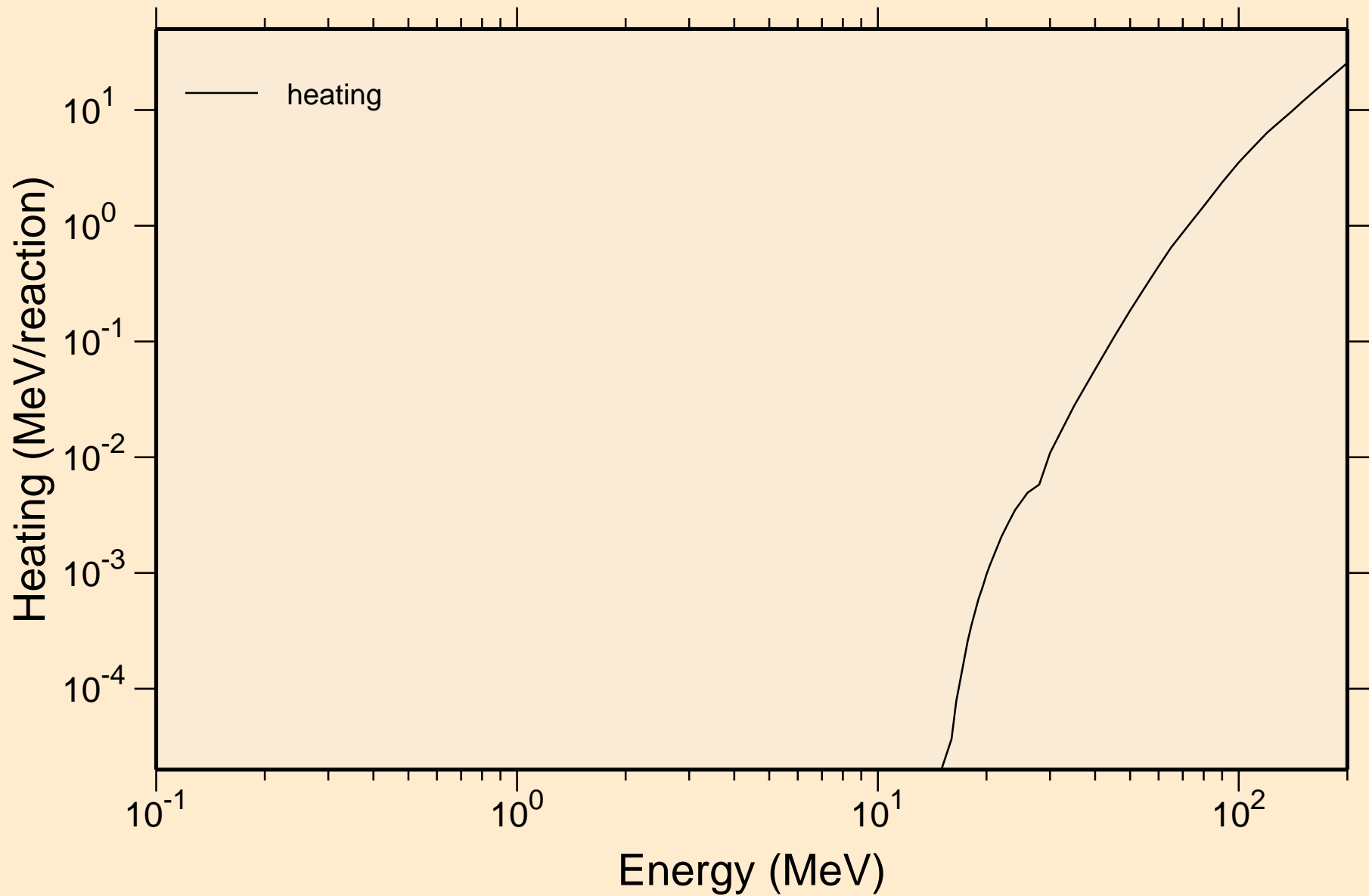
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



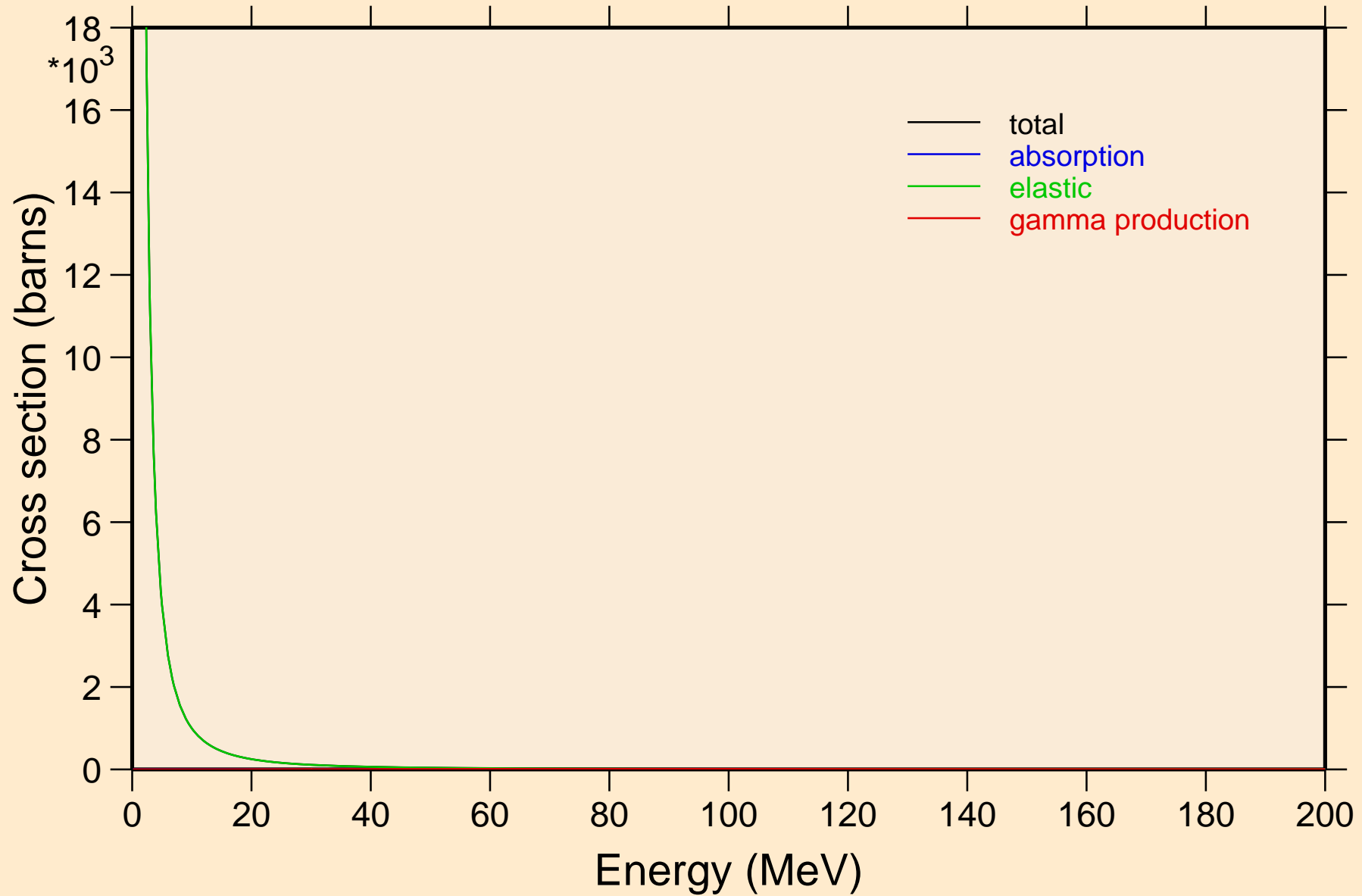
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



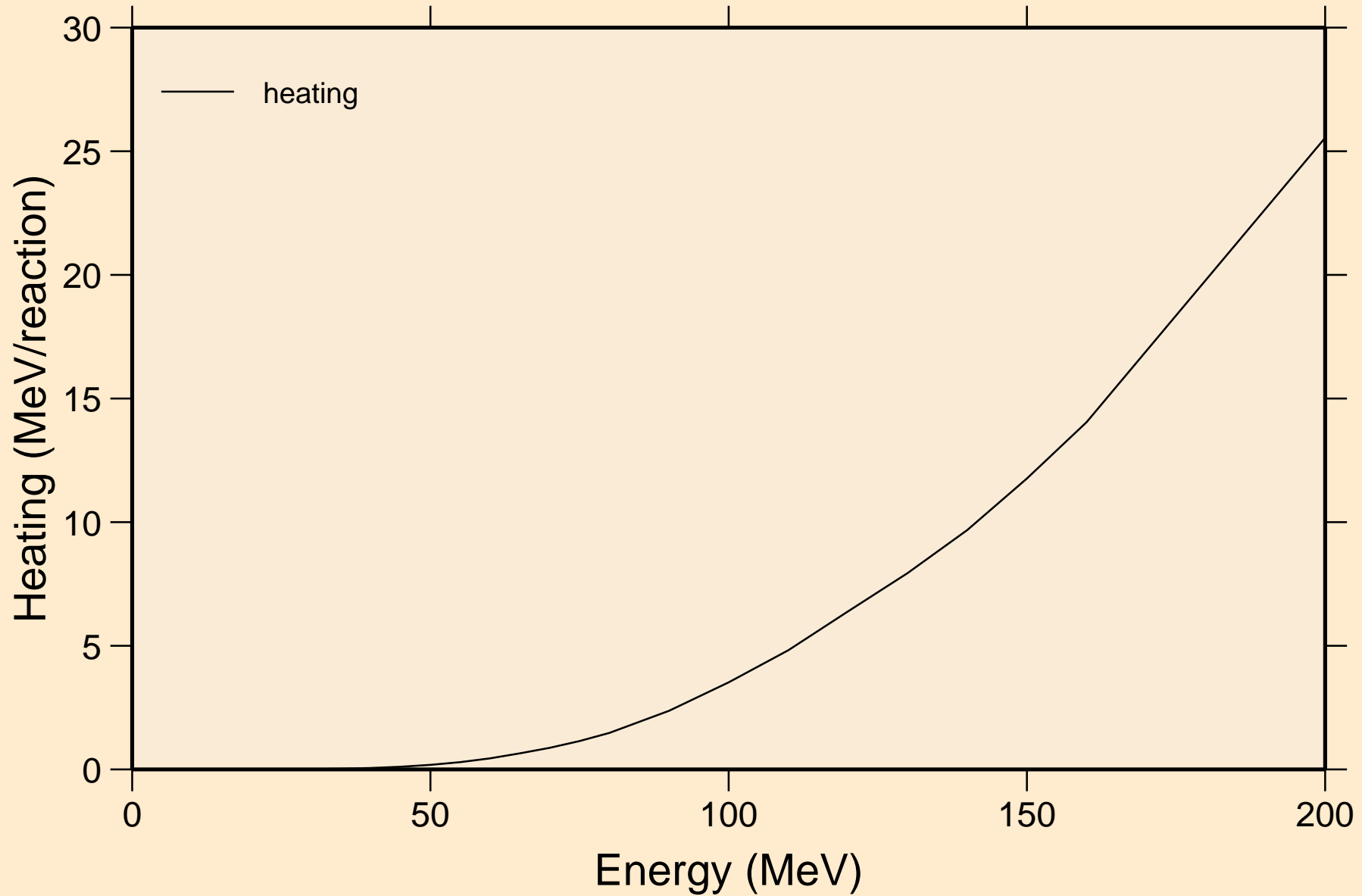
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections

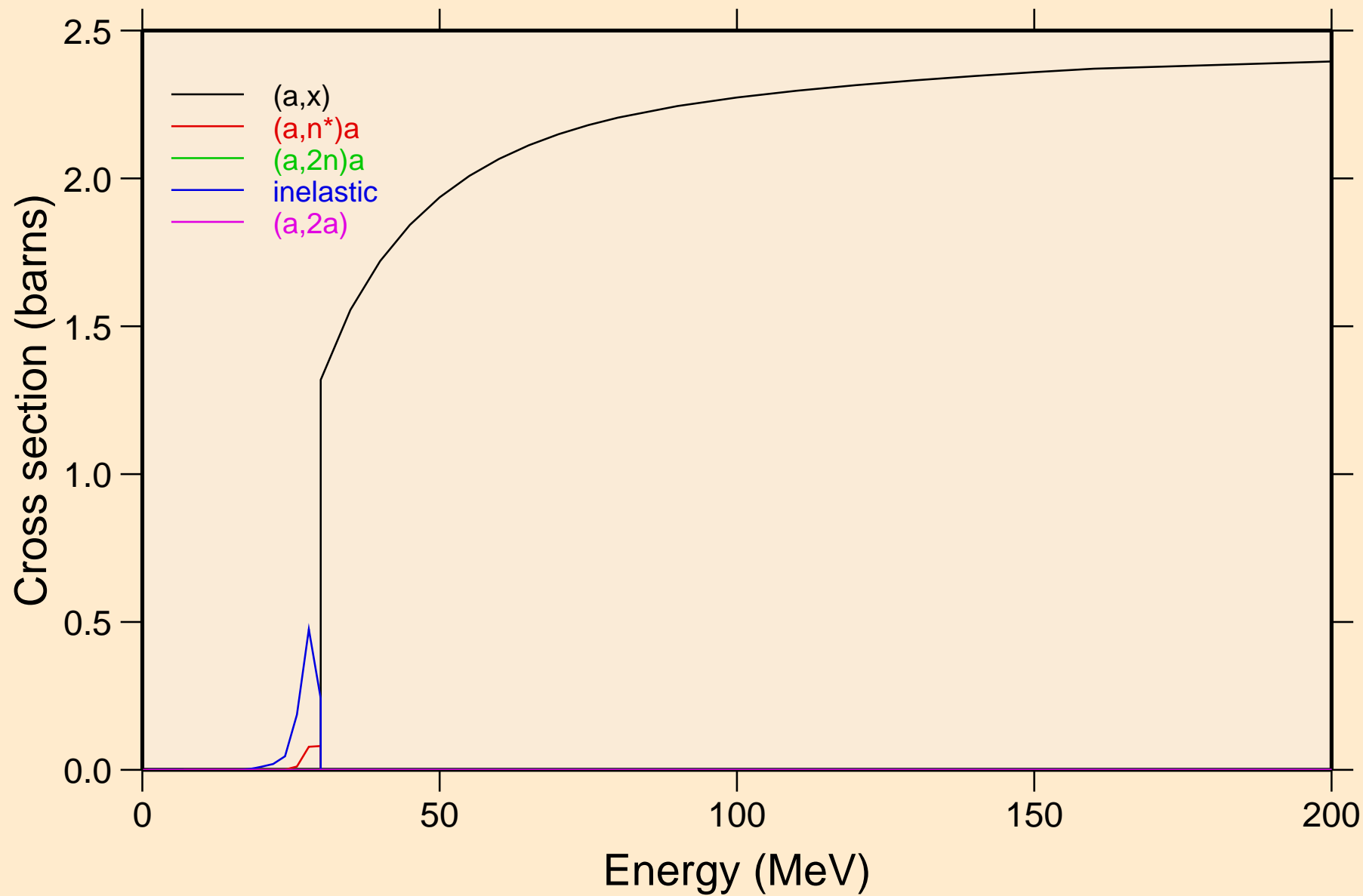


SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

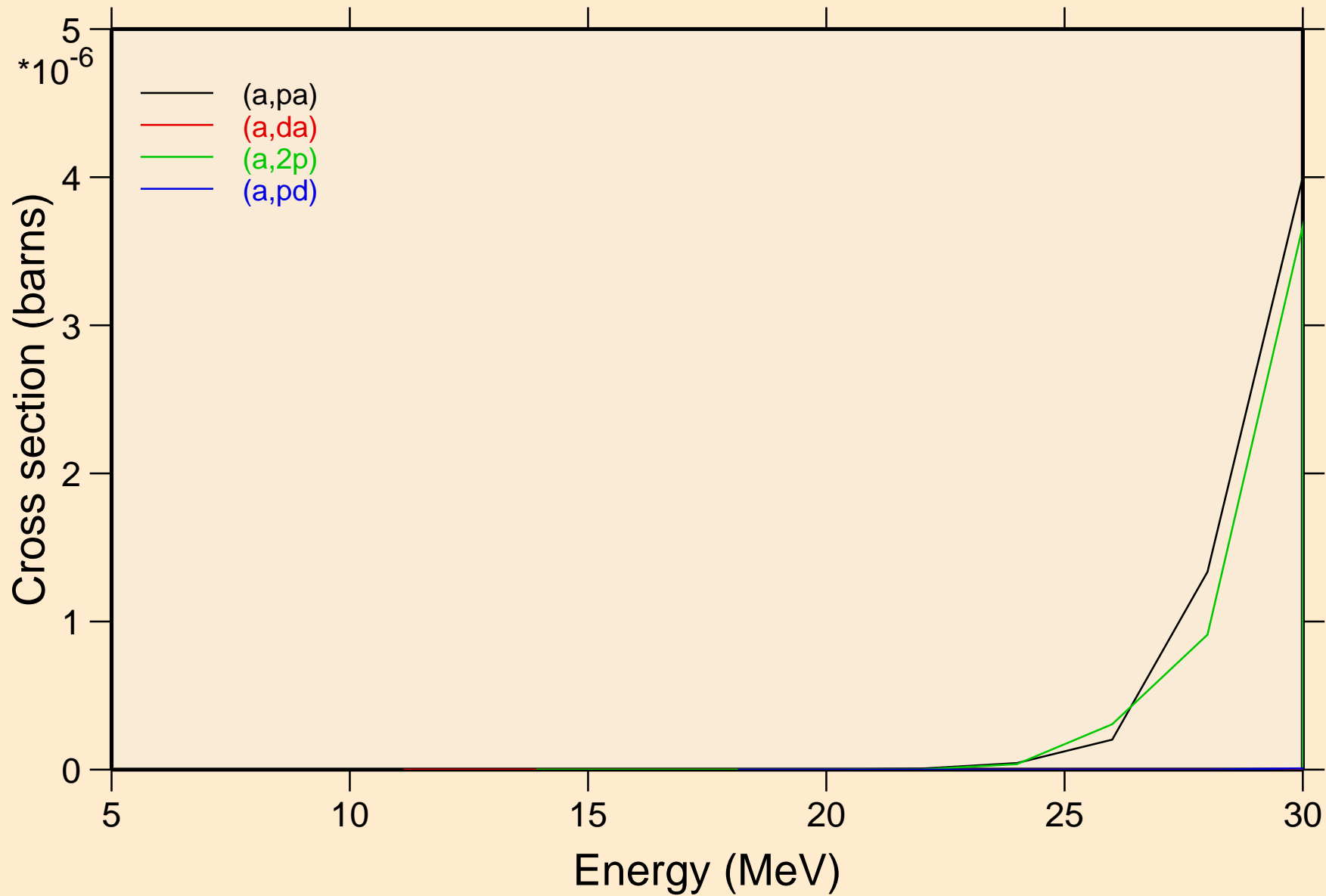
Heating



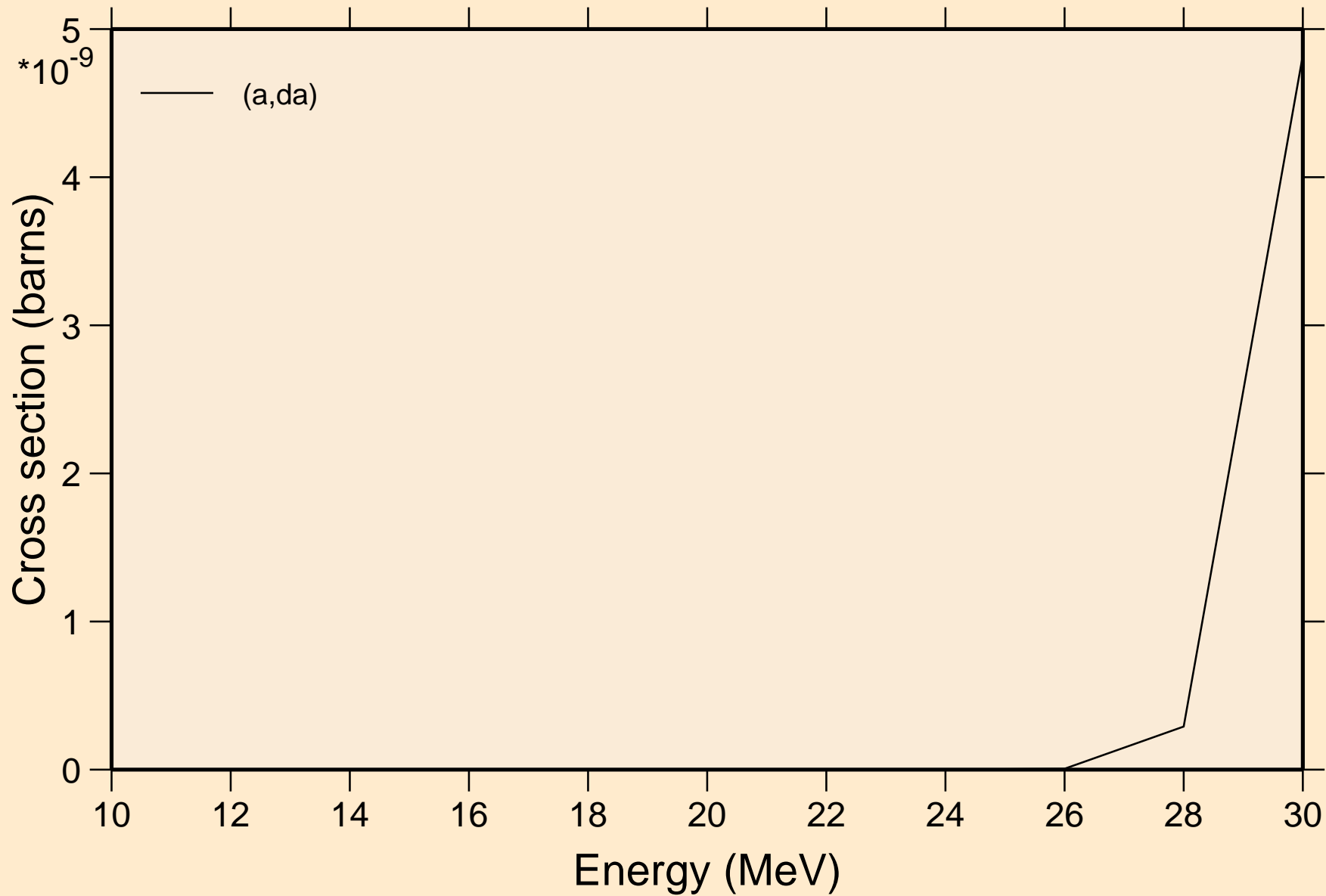
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



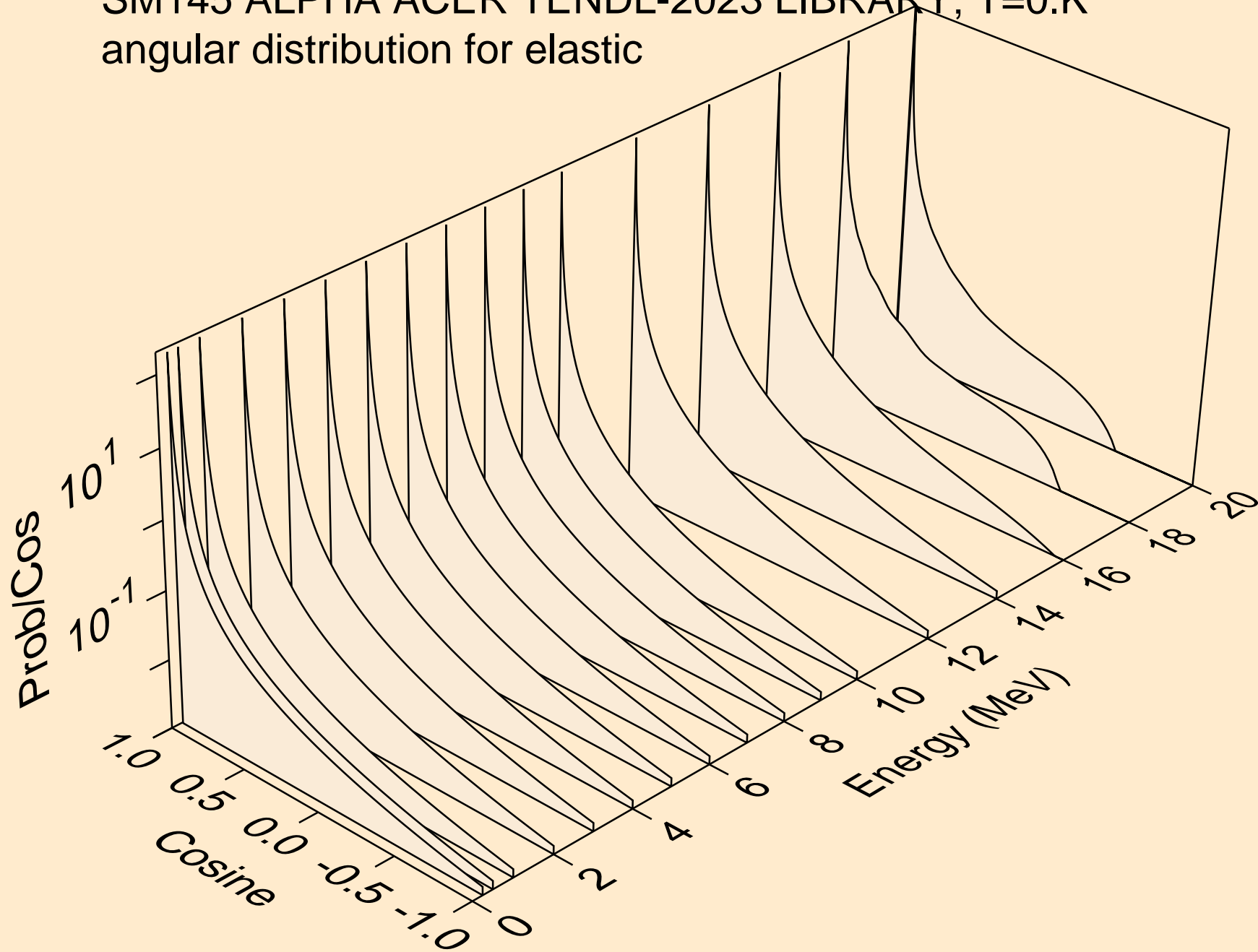
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



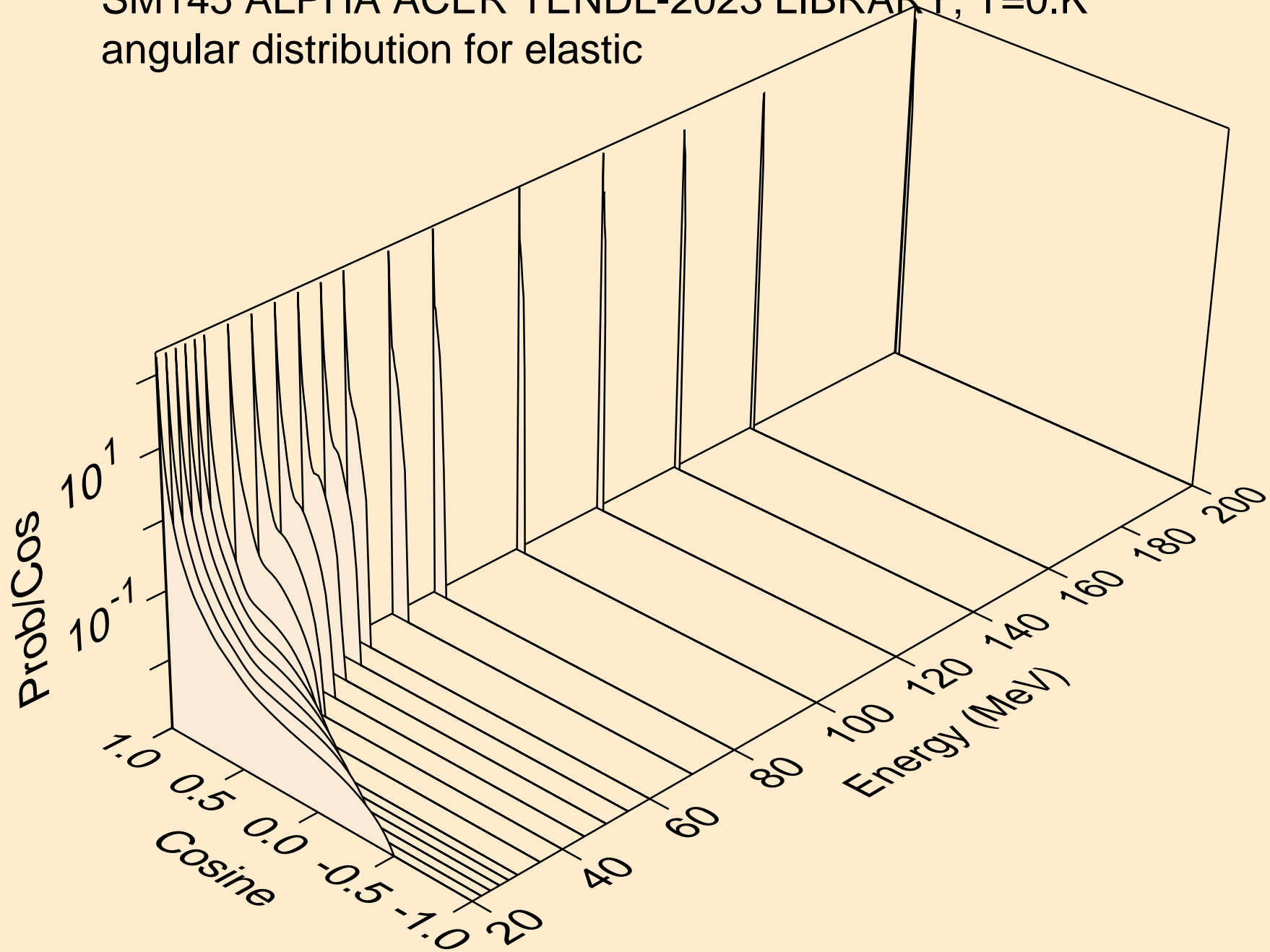
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Threshold reactions



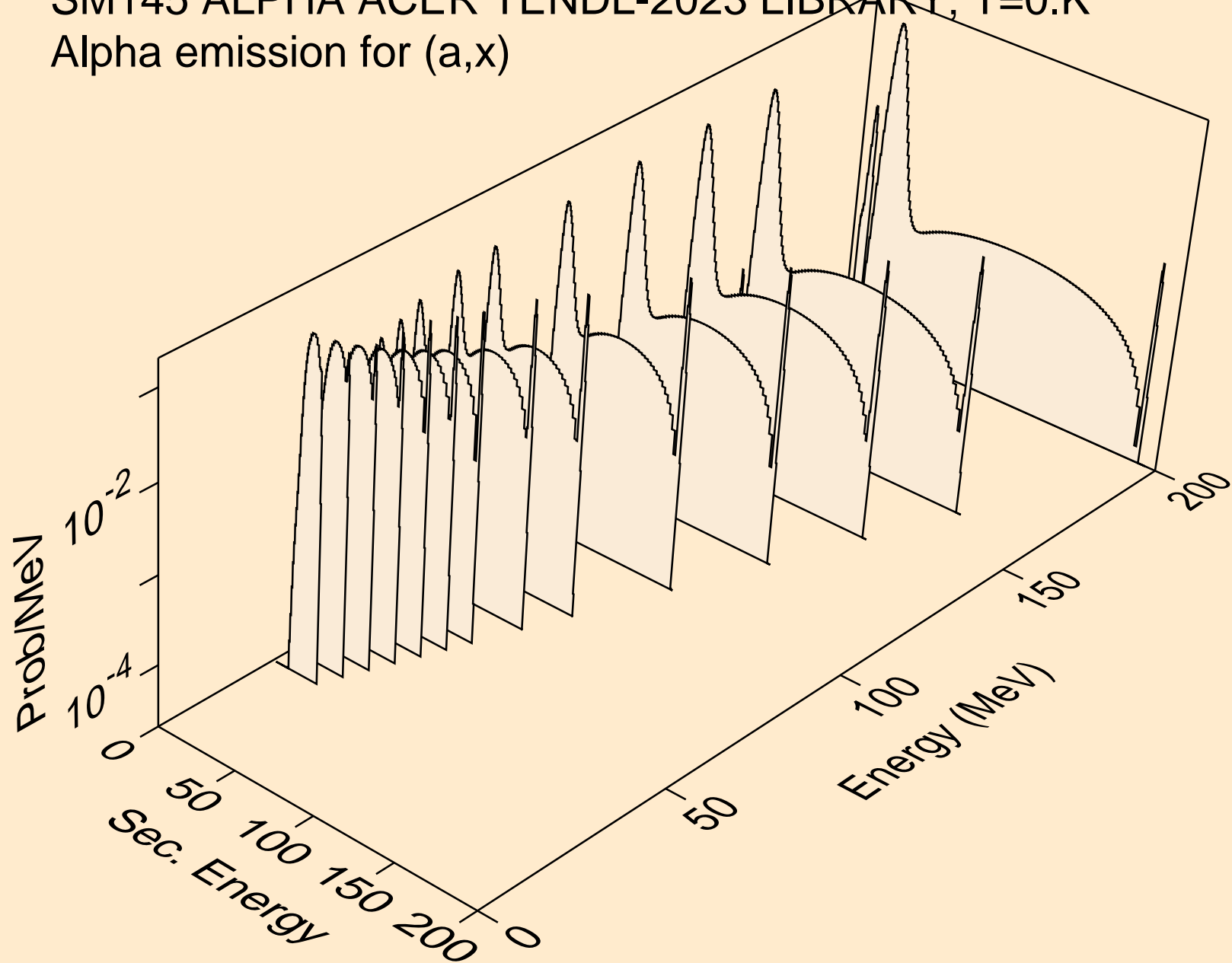
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



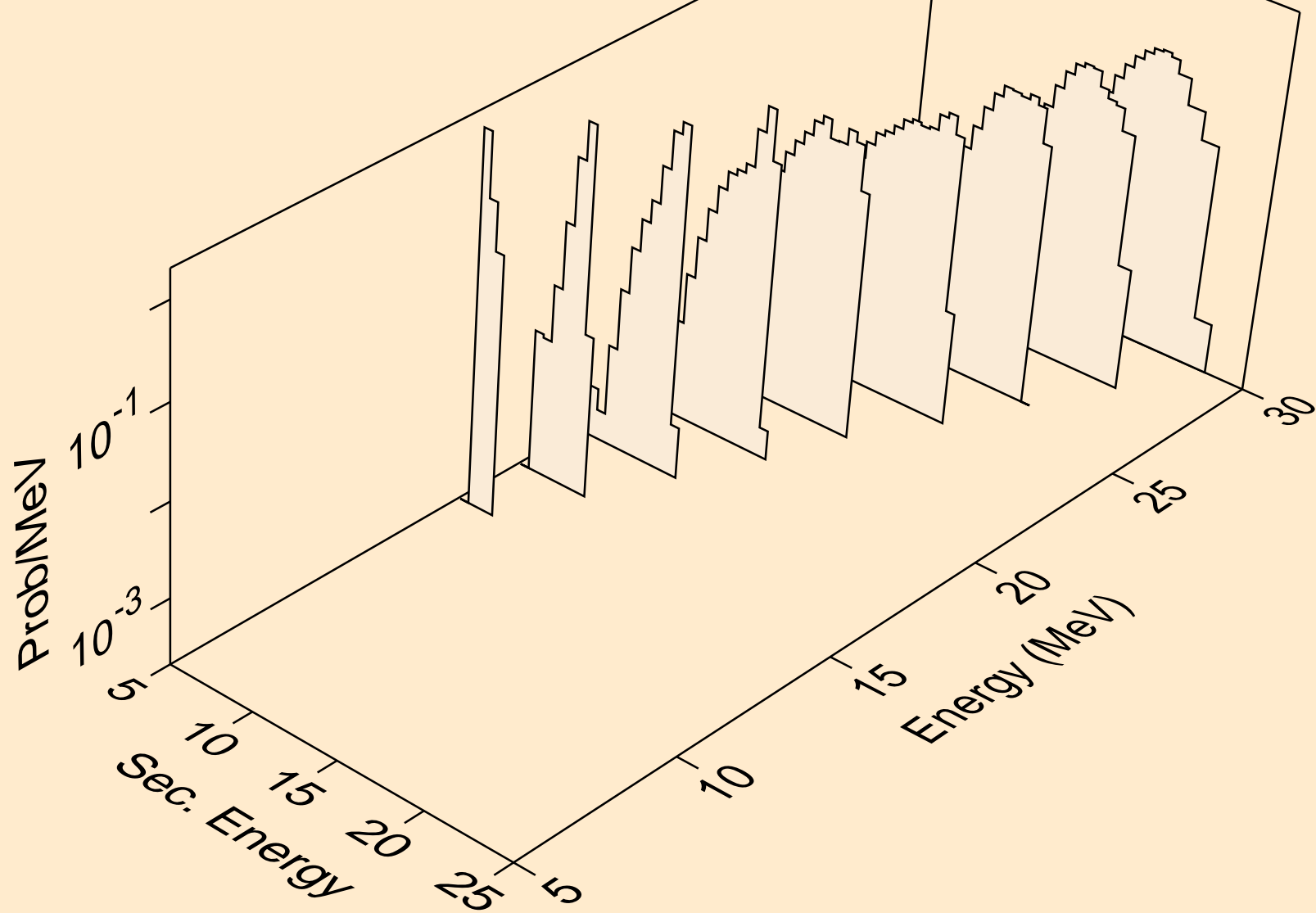
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



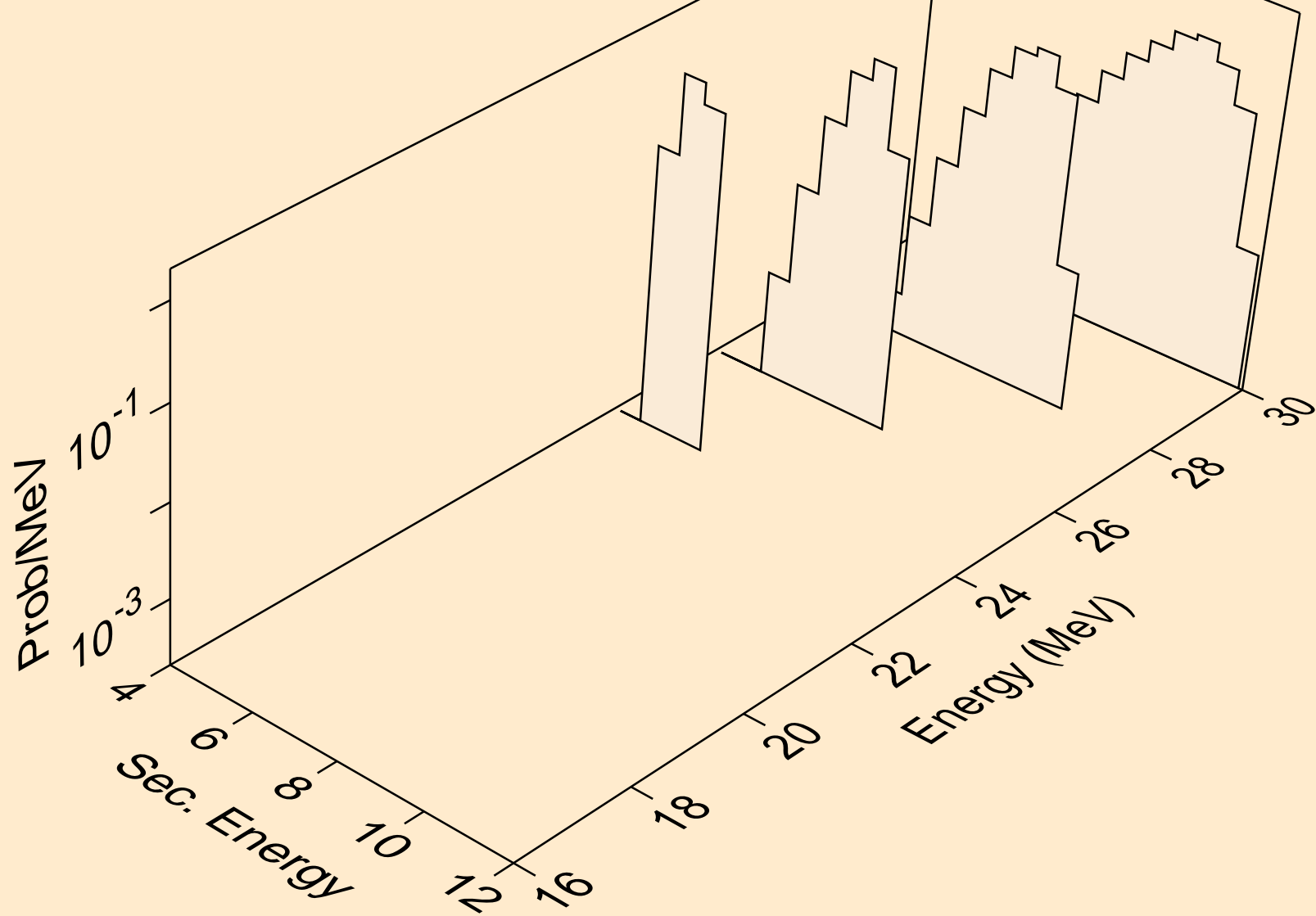
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Alpha emission for (a,x)



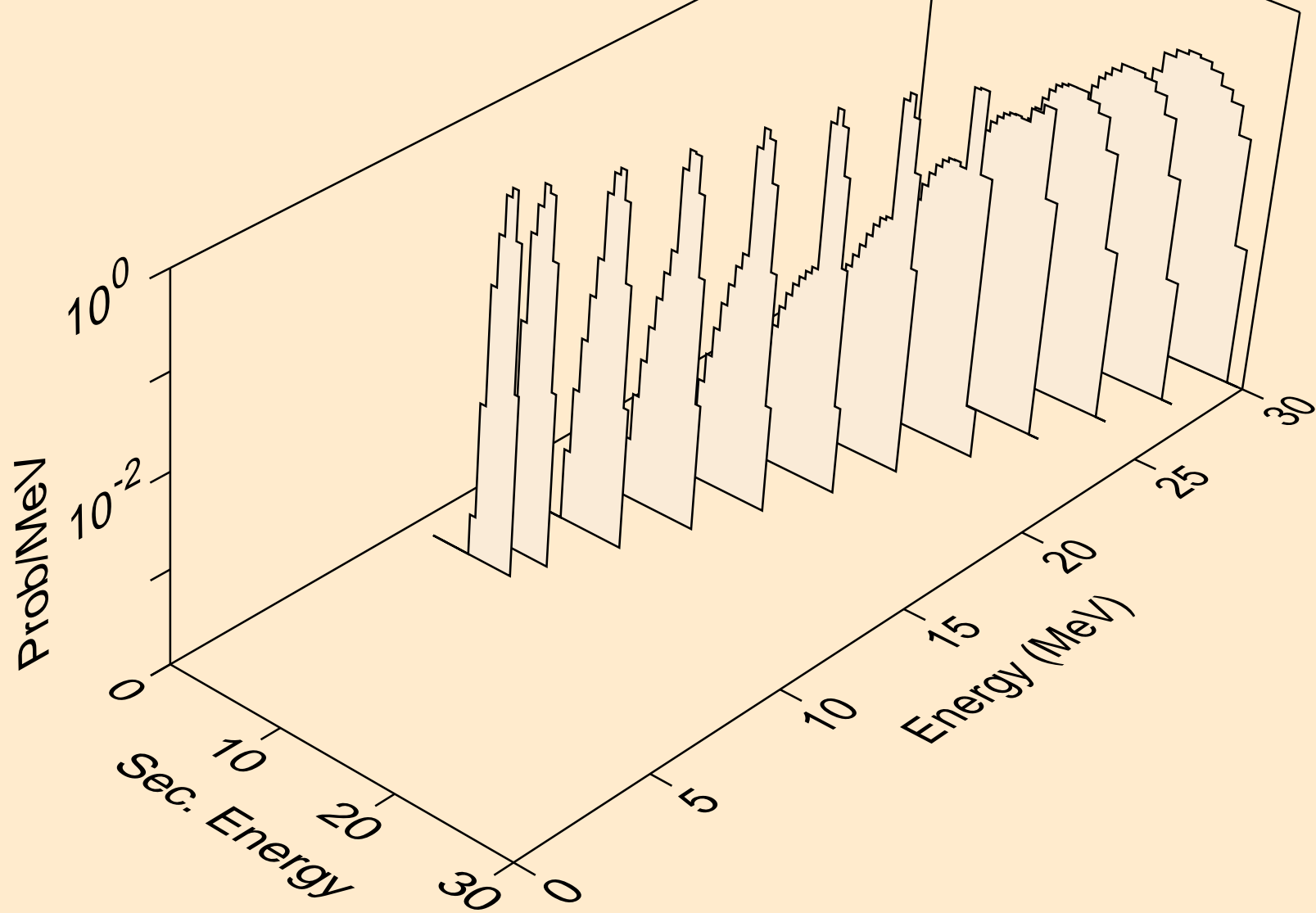
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Alpha emission for (a,n*)a



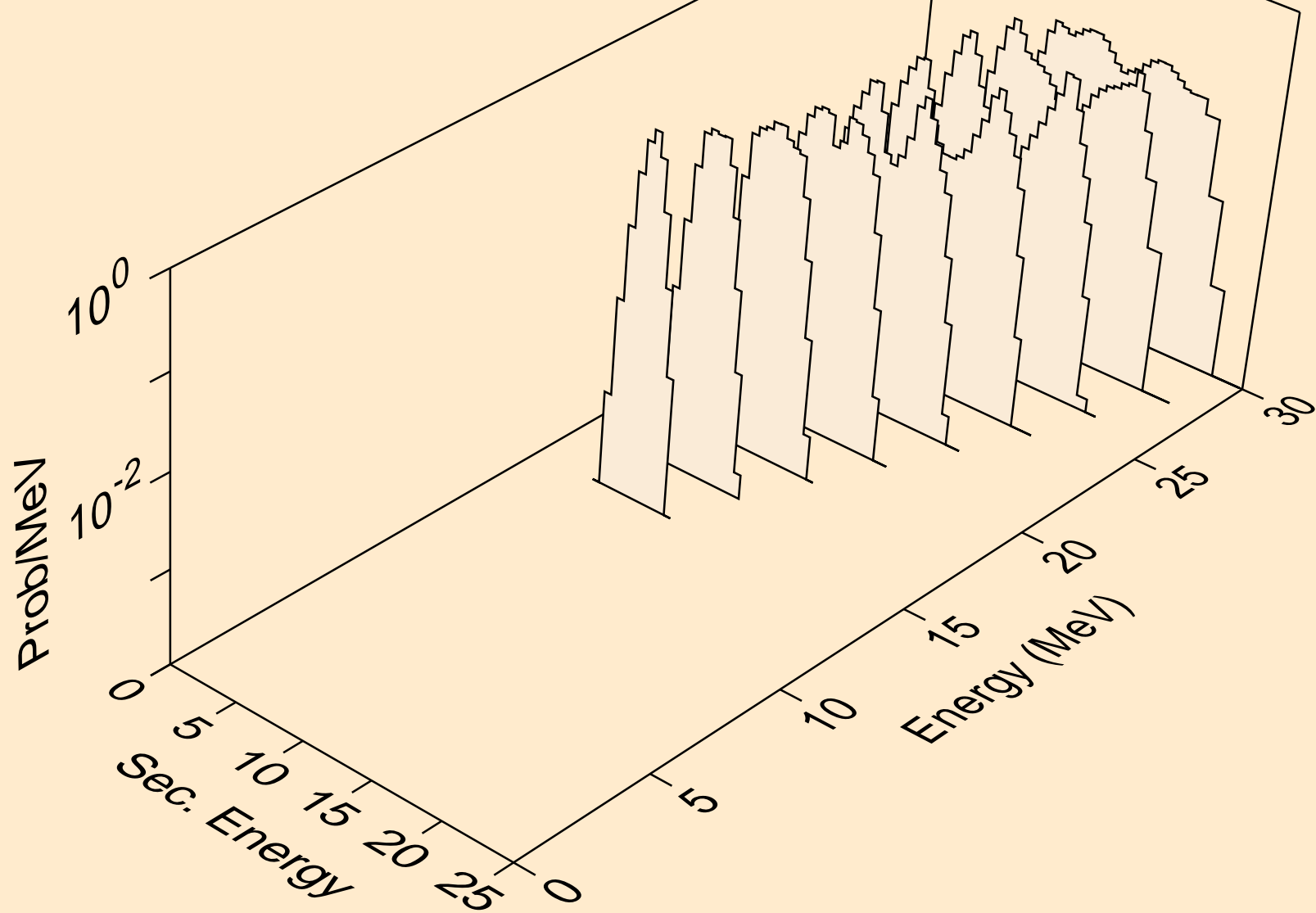
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Alpha emission for (a,2n)a



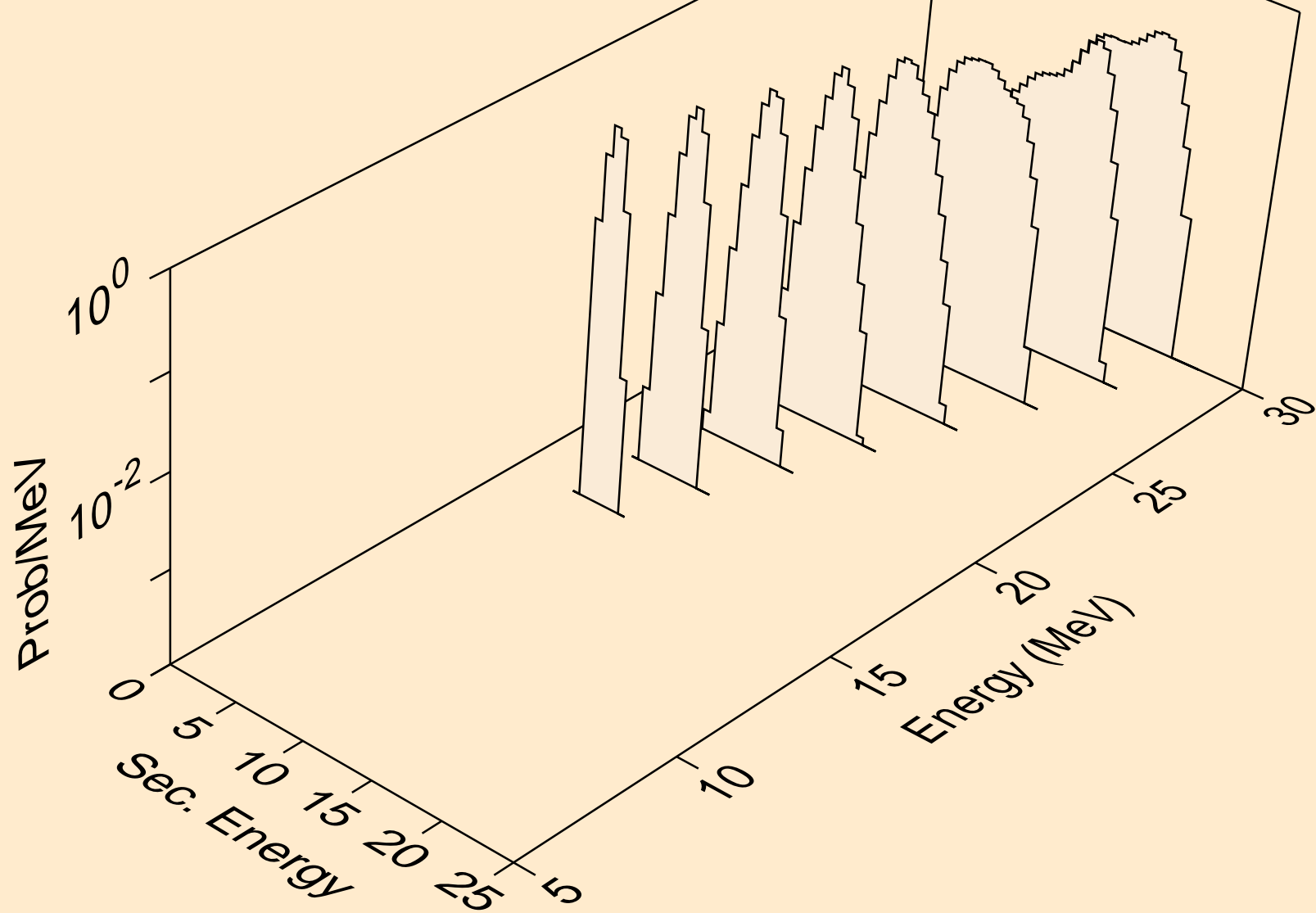
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Alpha emission for inelastic



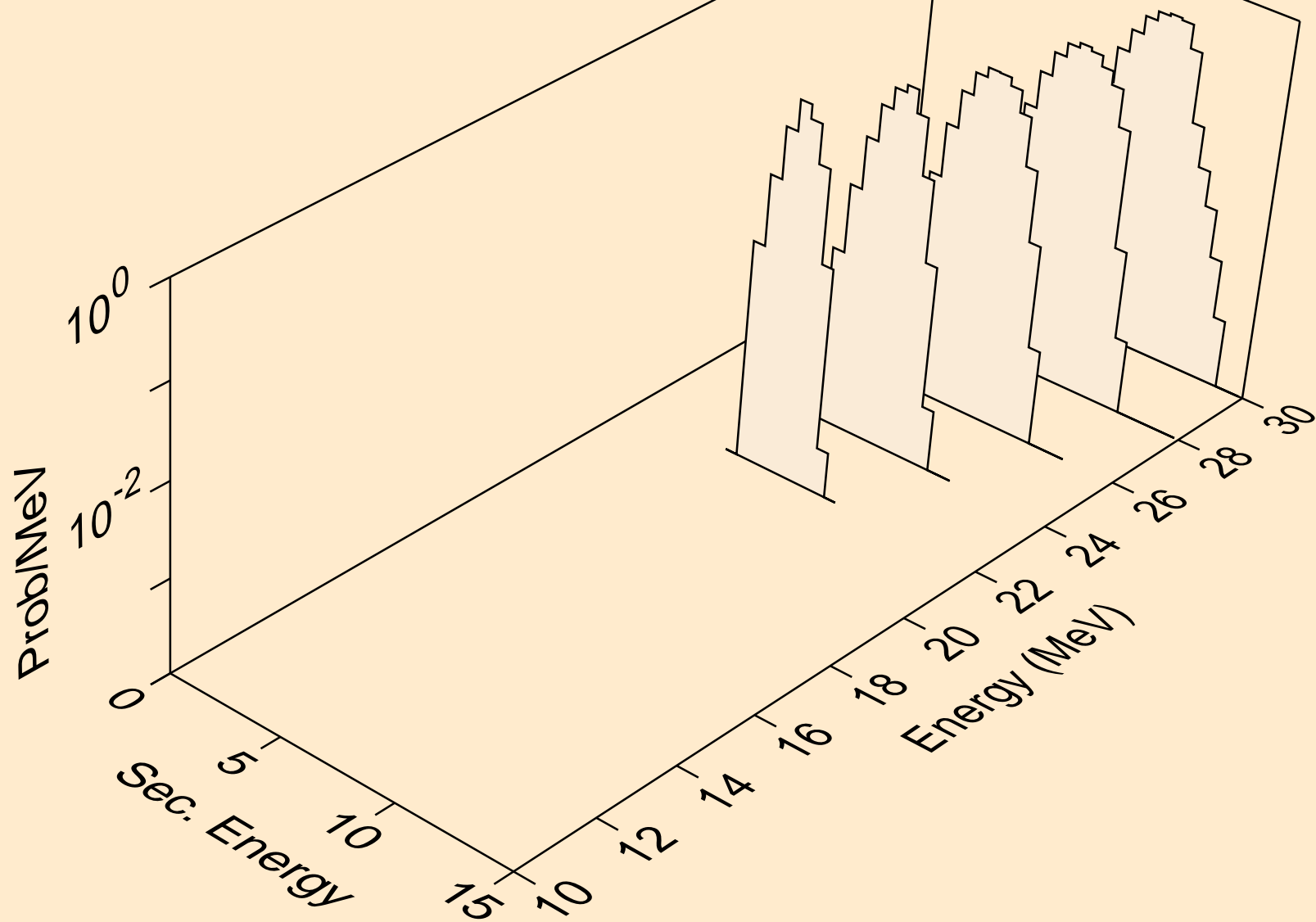
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Alpha emission for (a,2a)



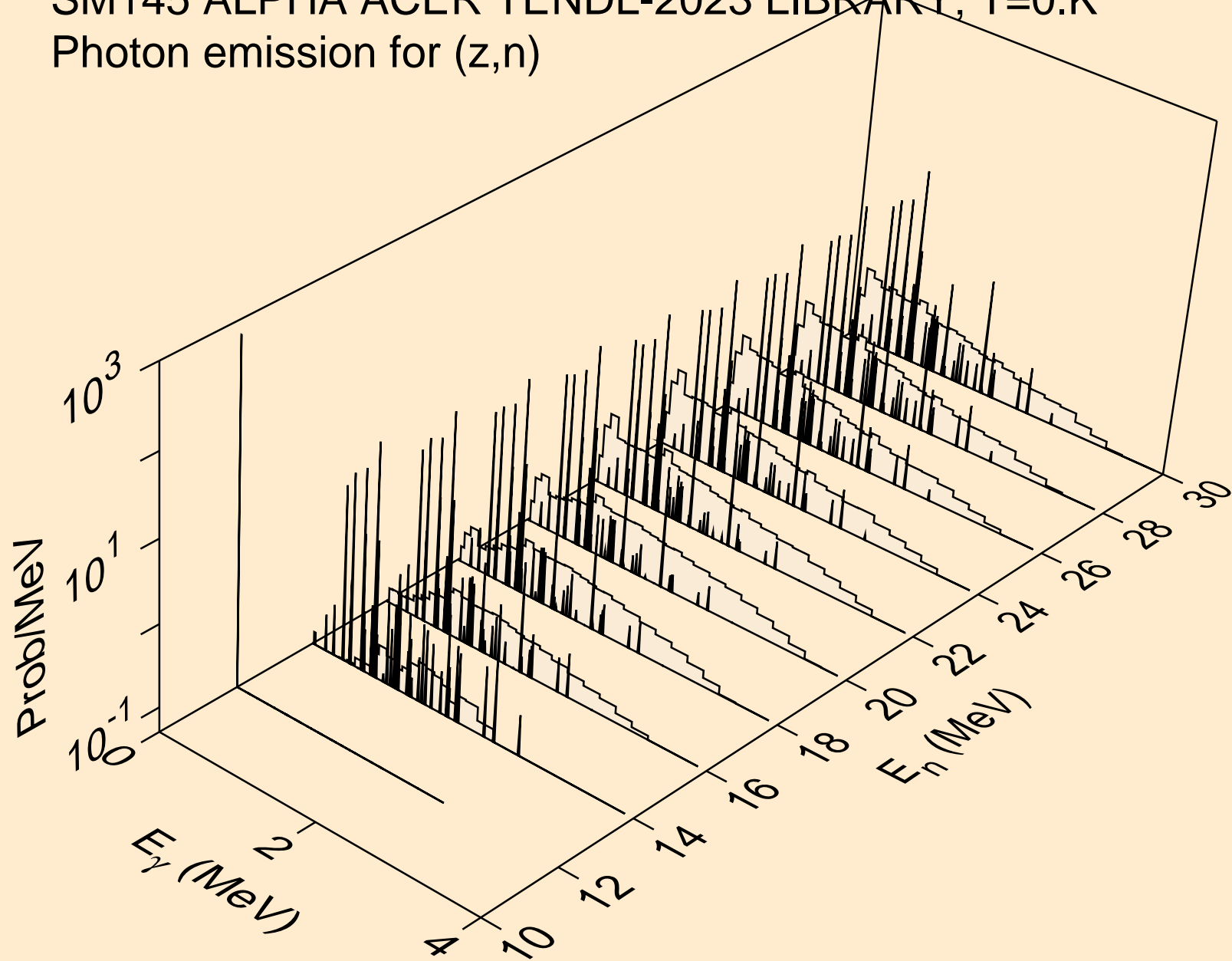
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Alpha emission for (a,pa)



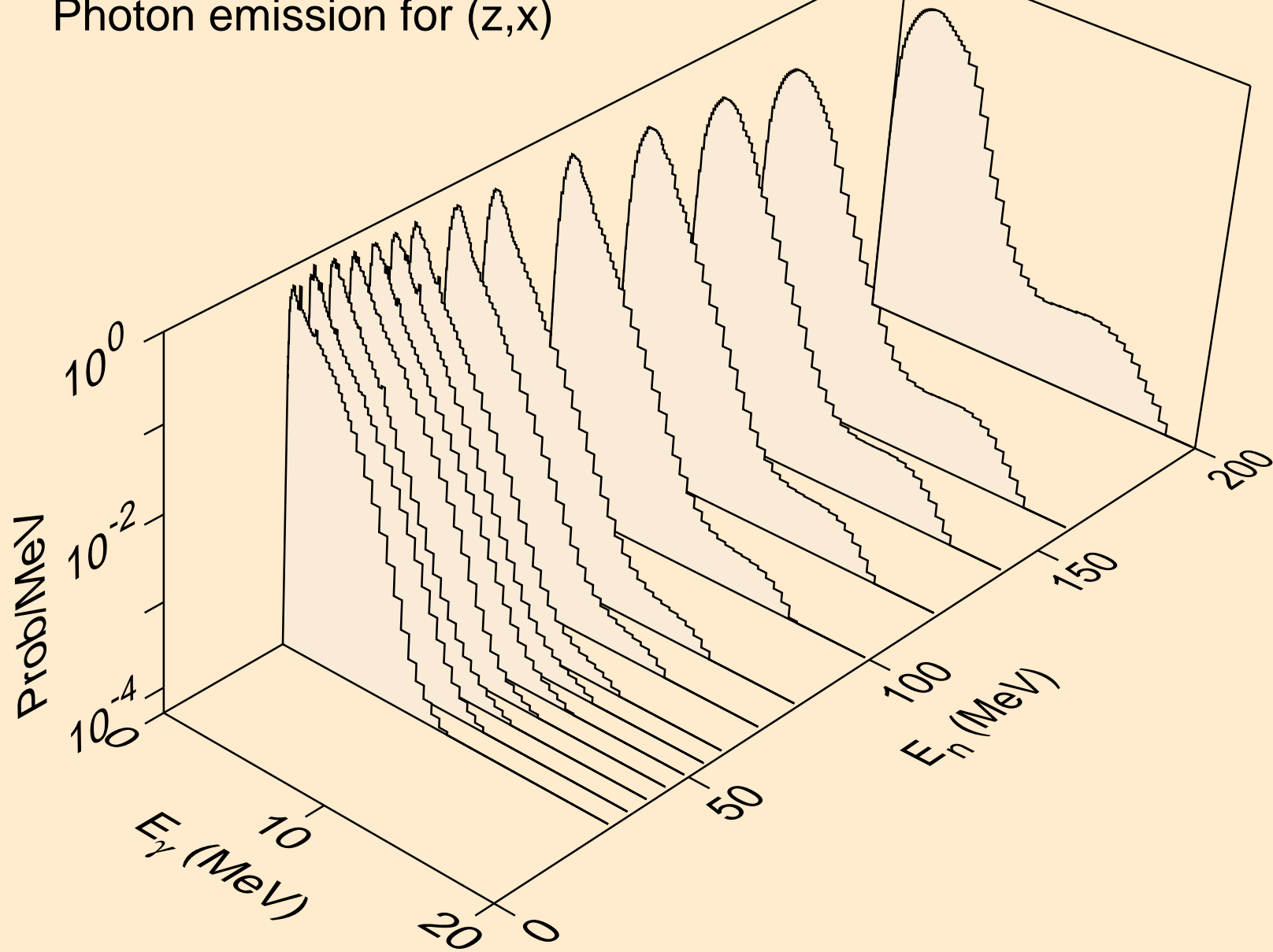
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Alpha emission for (a,da)



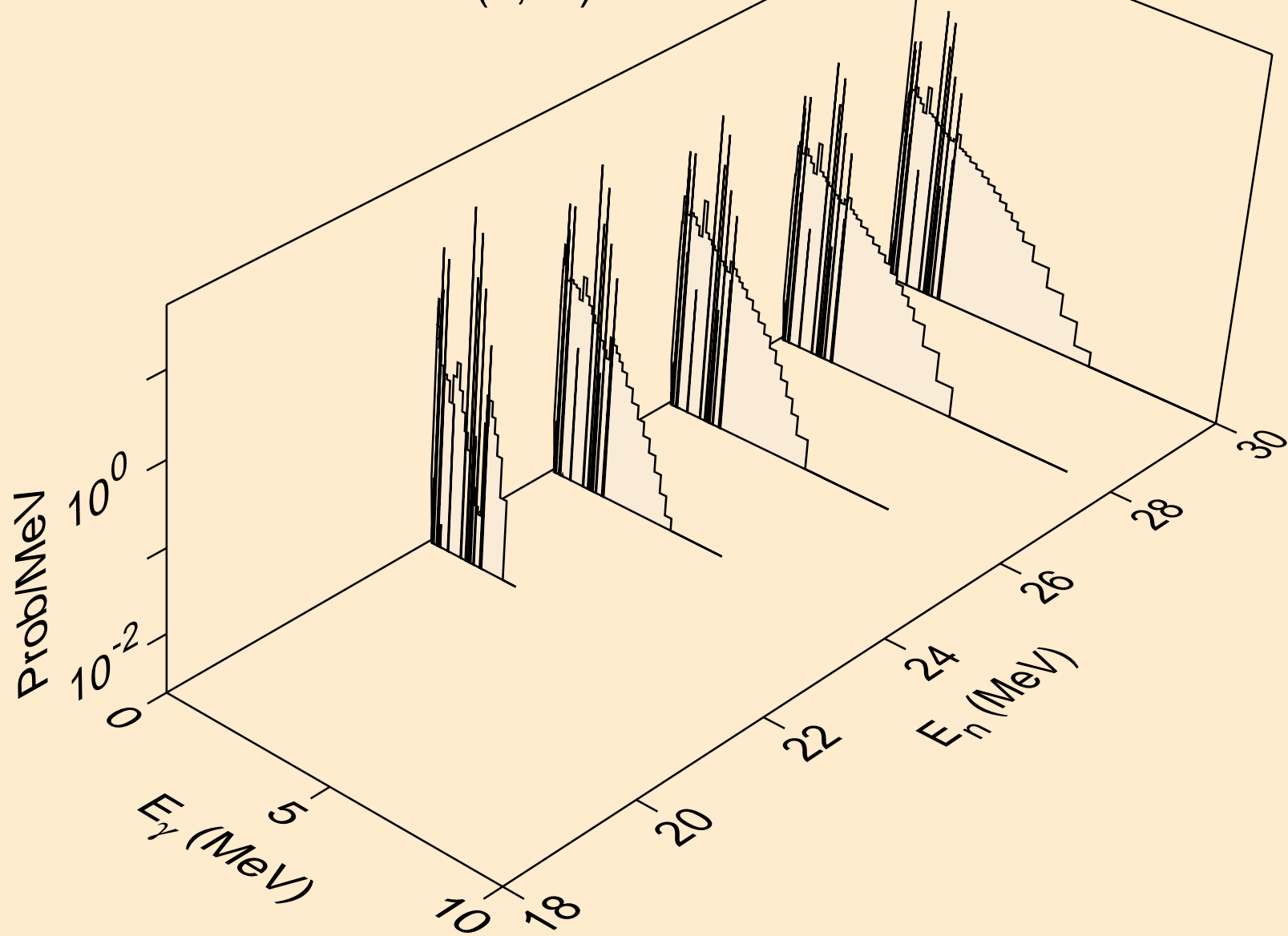
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (z,n)



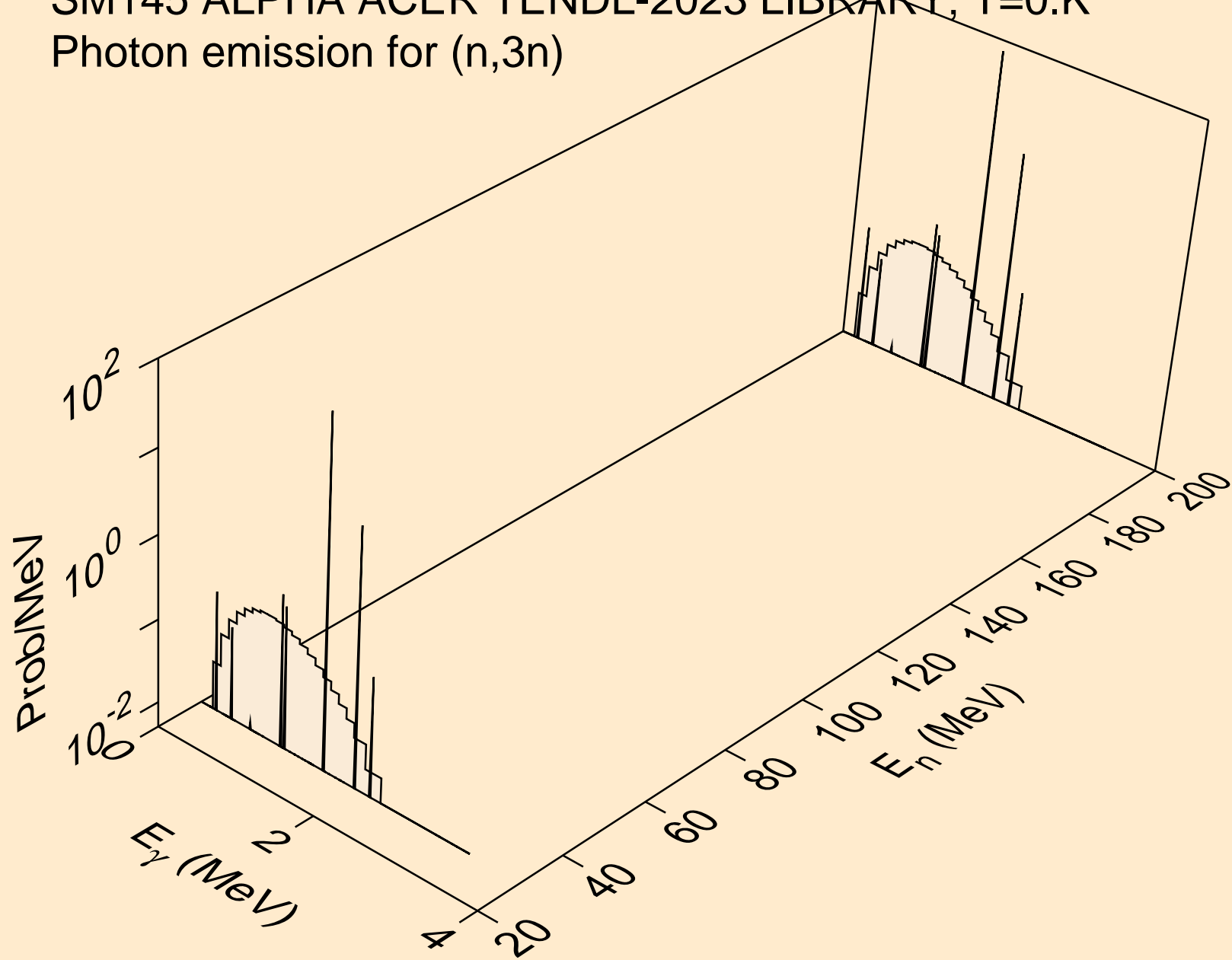
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (z,x)



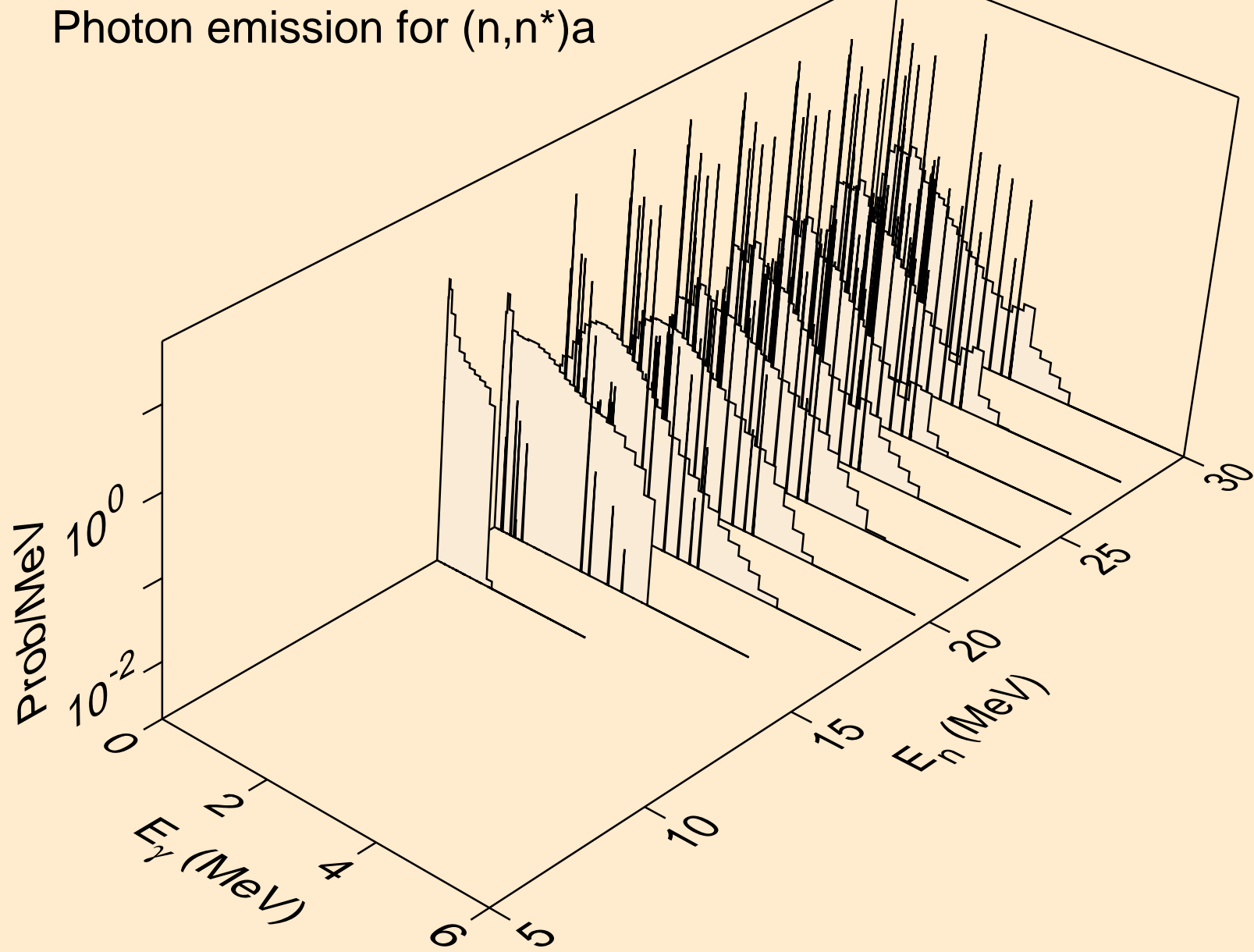
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)



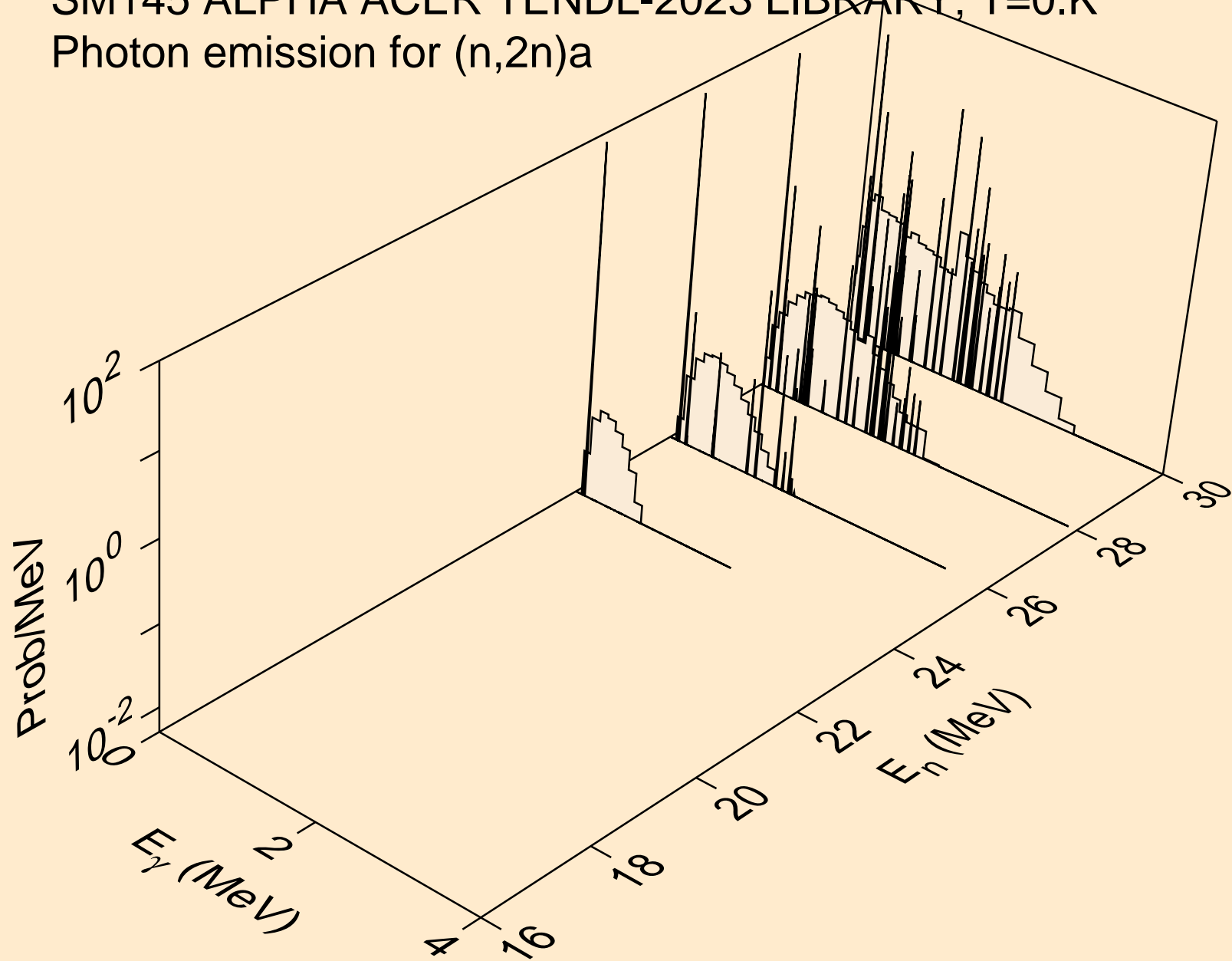
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)



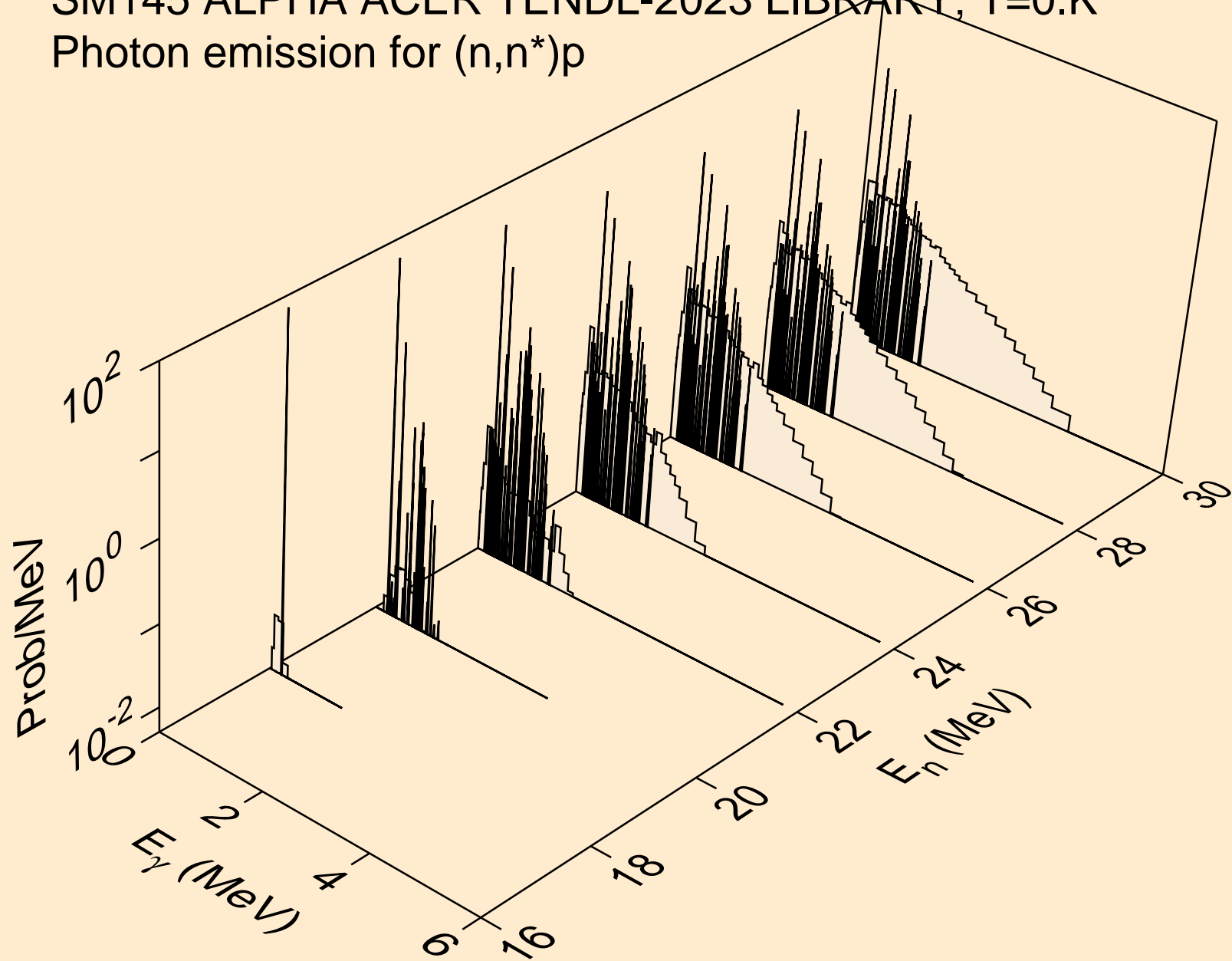
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)a



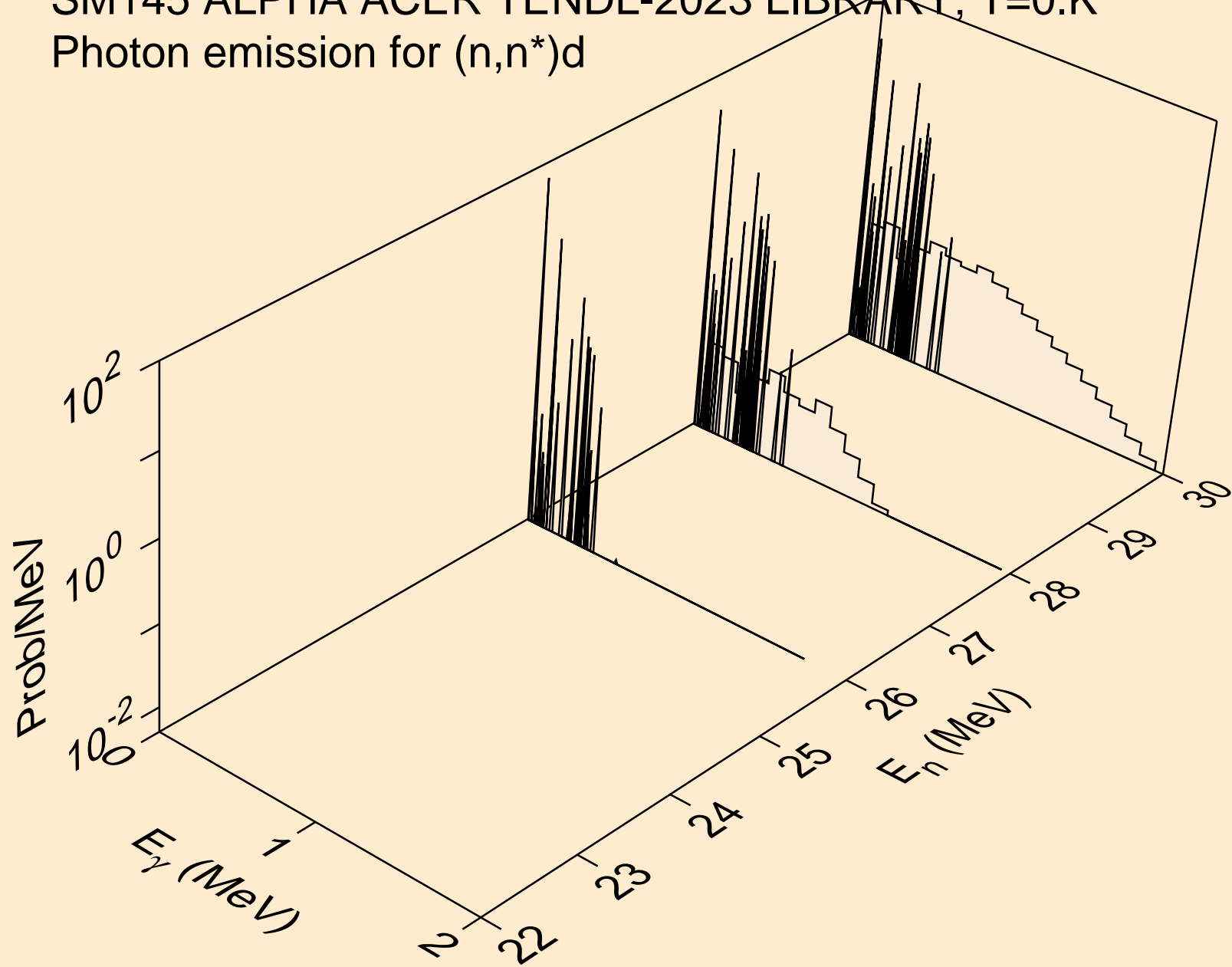
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)a



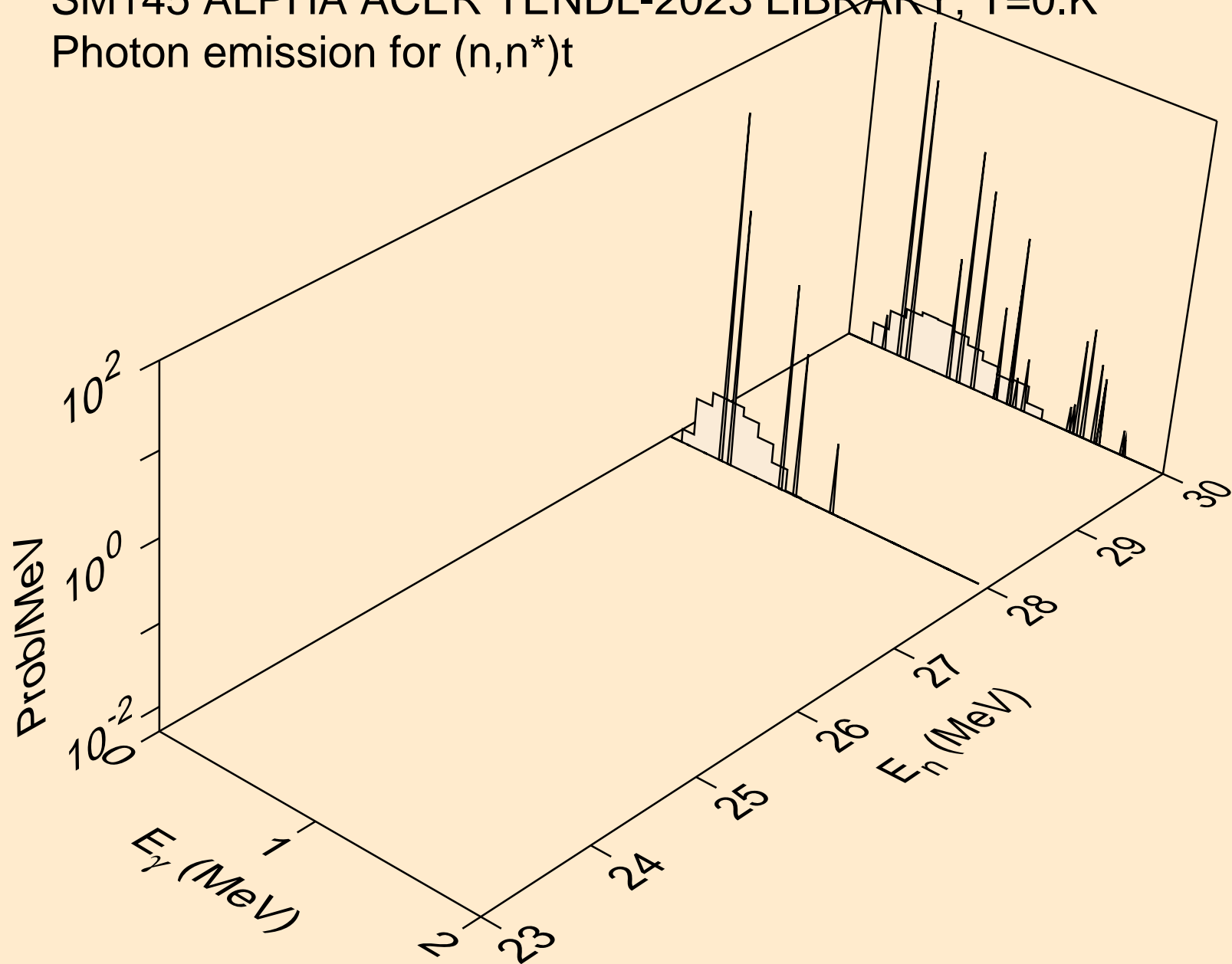
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)p



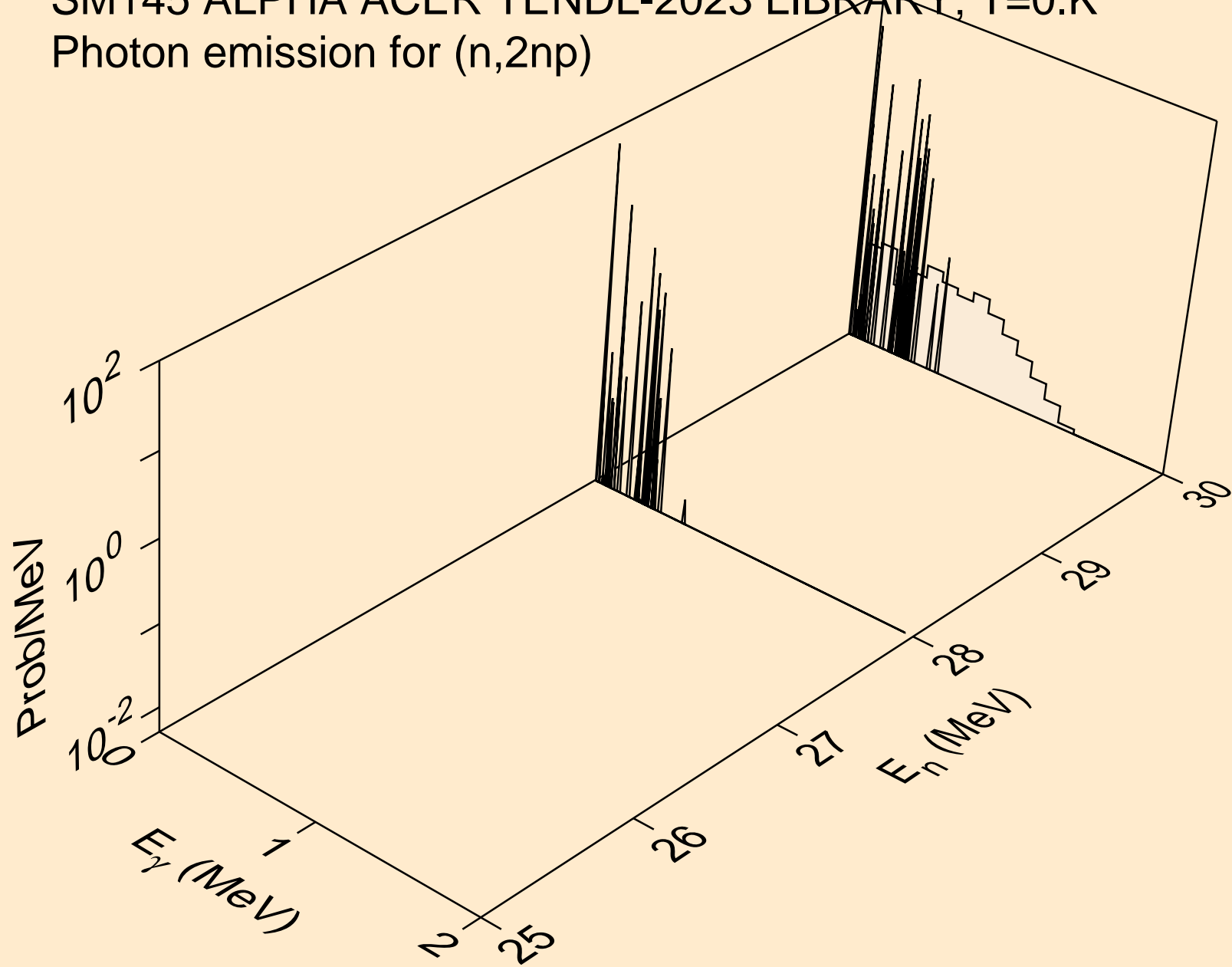
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)d



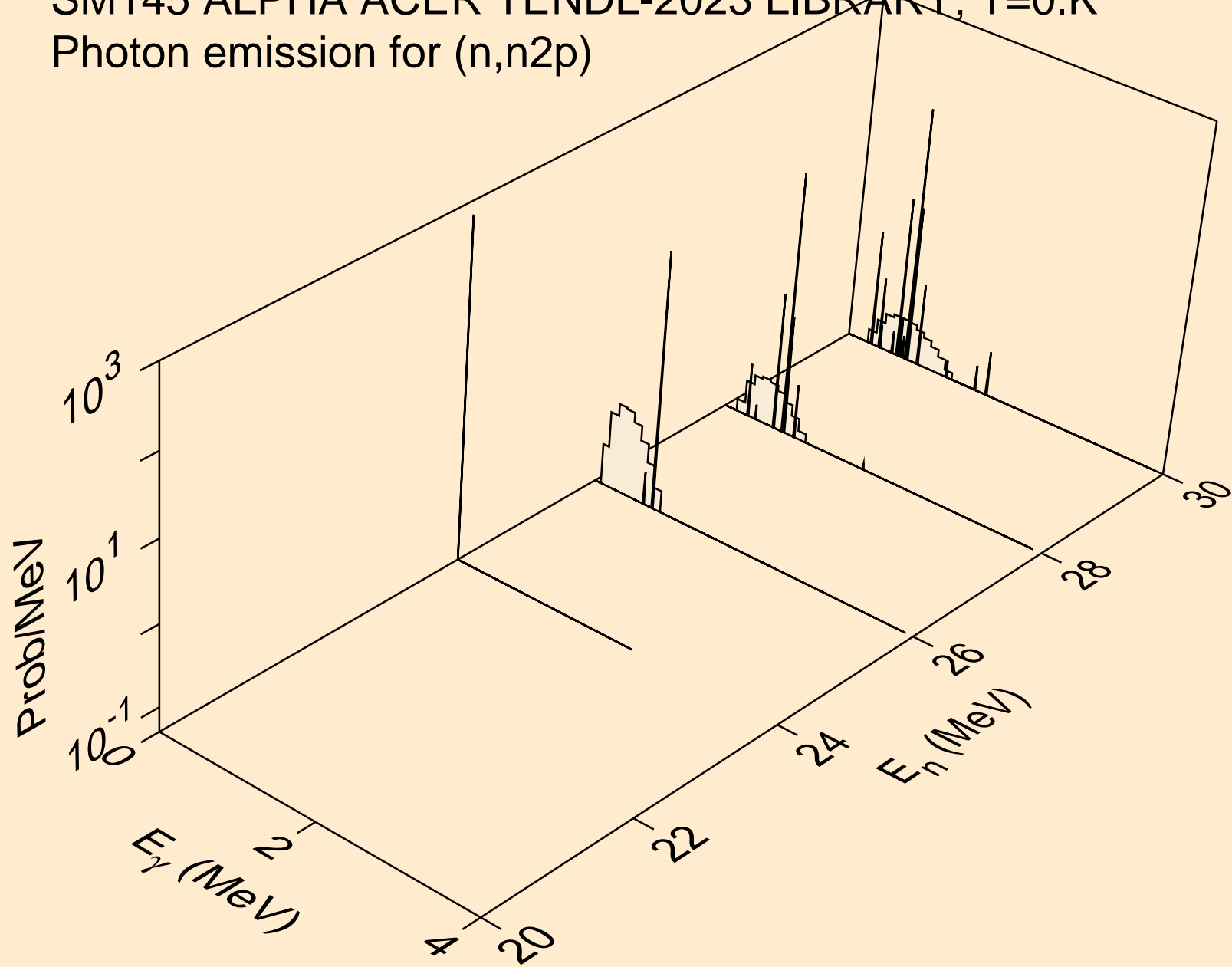
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n*)t



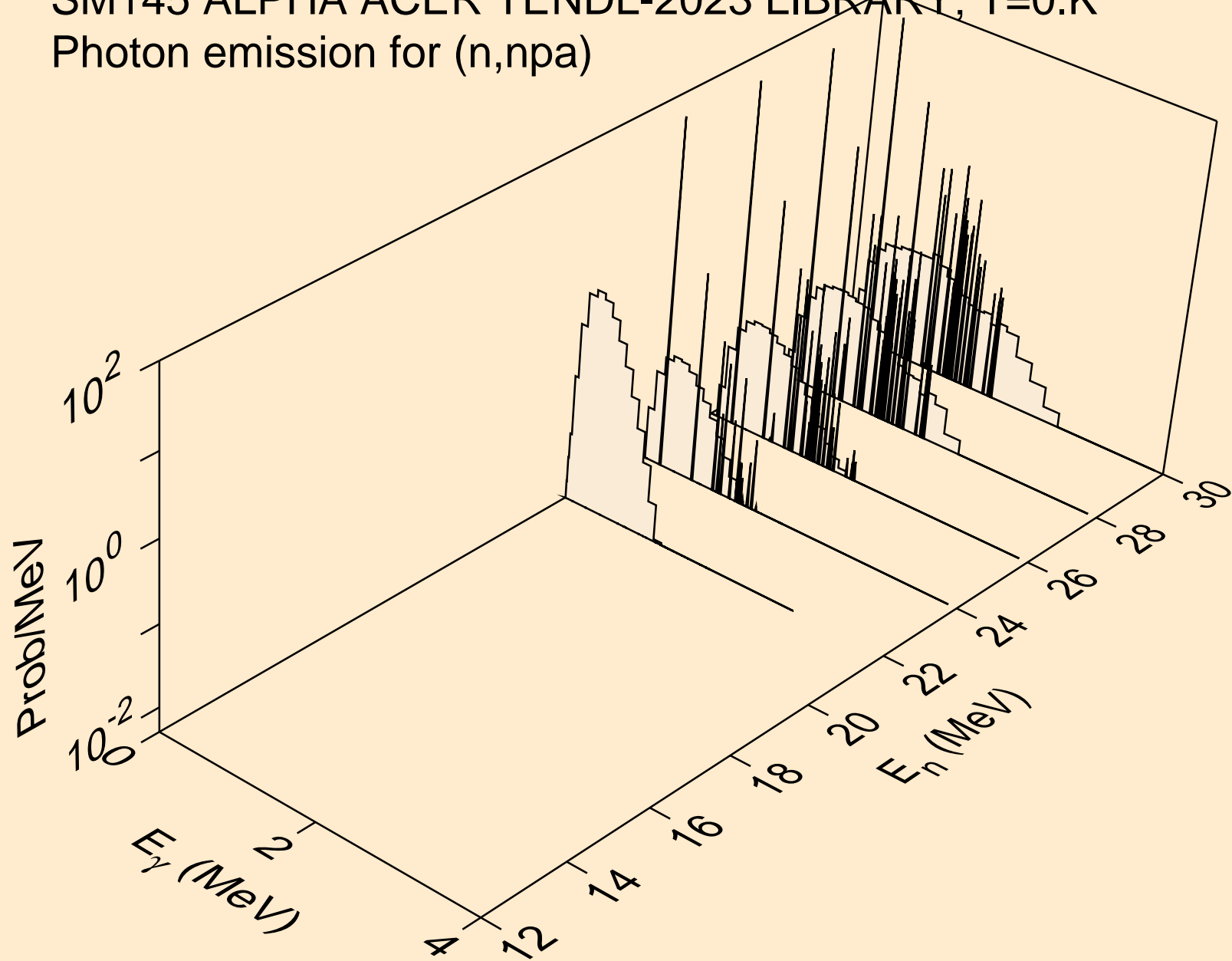
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2np)



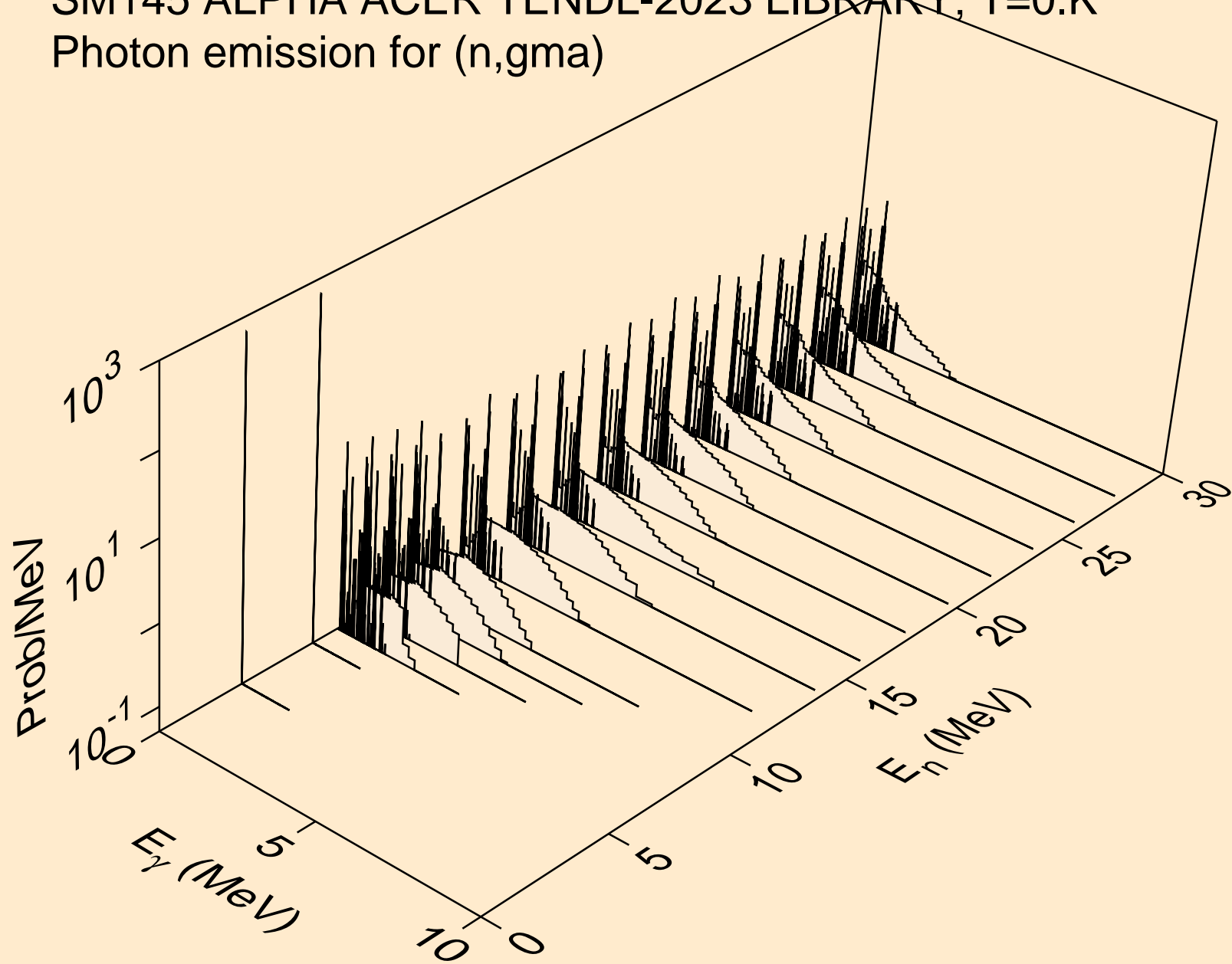
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,n2p)



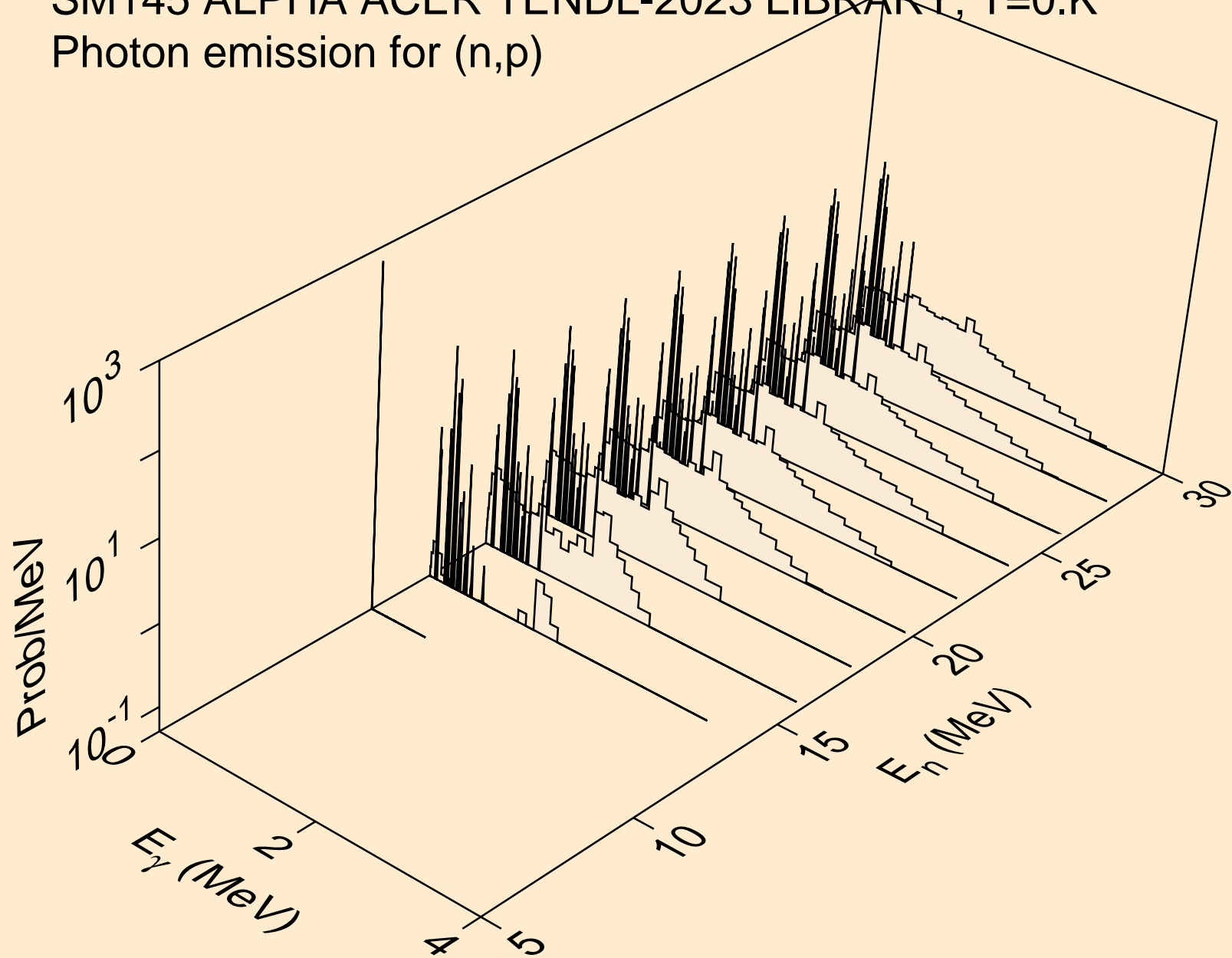
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,npa)



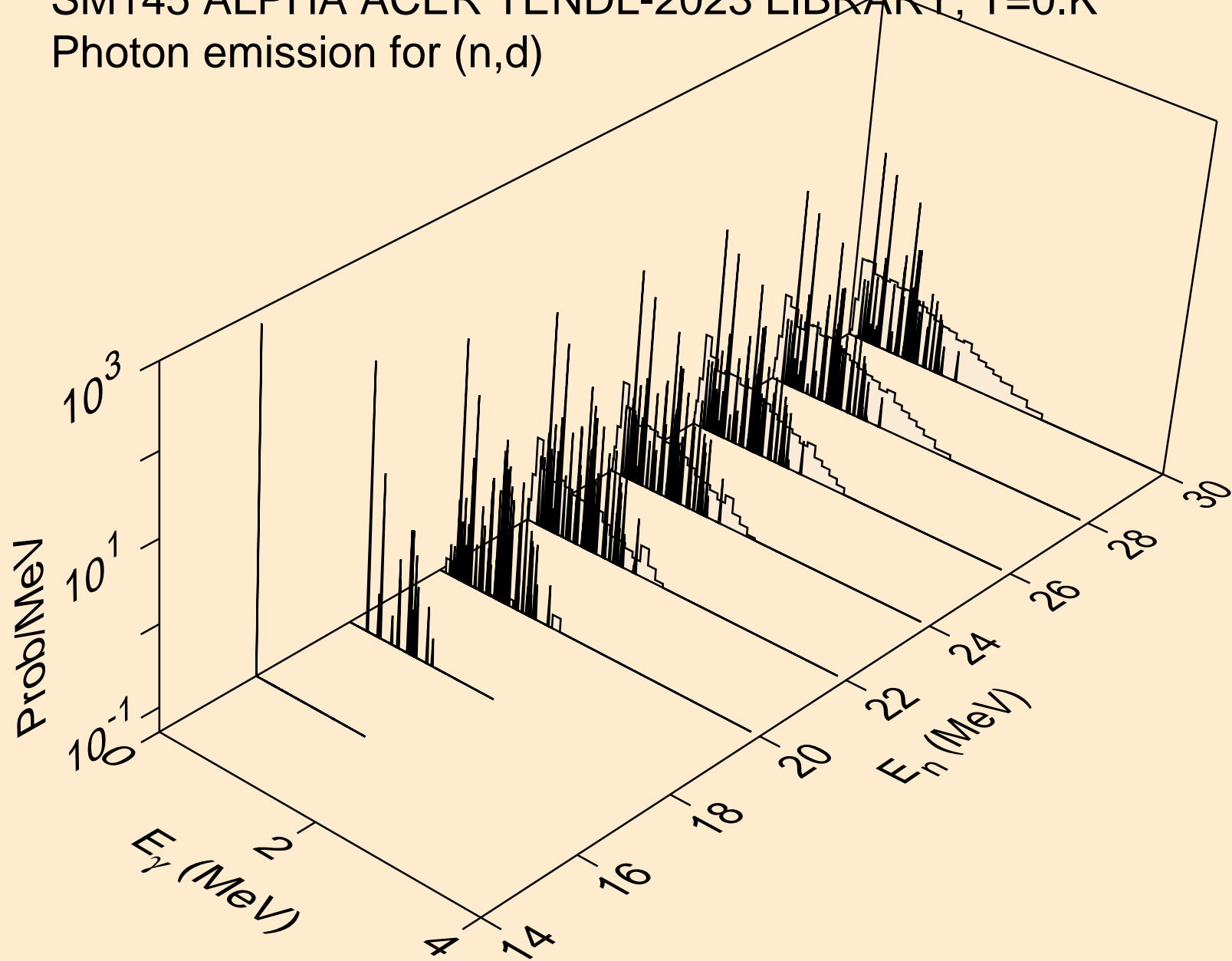
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



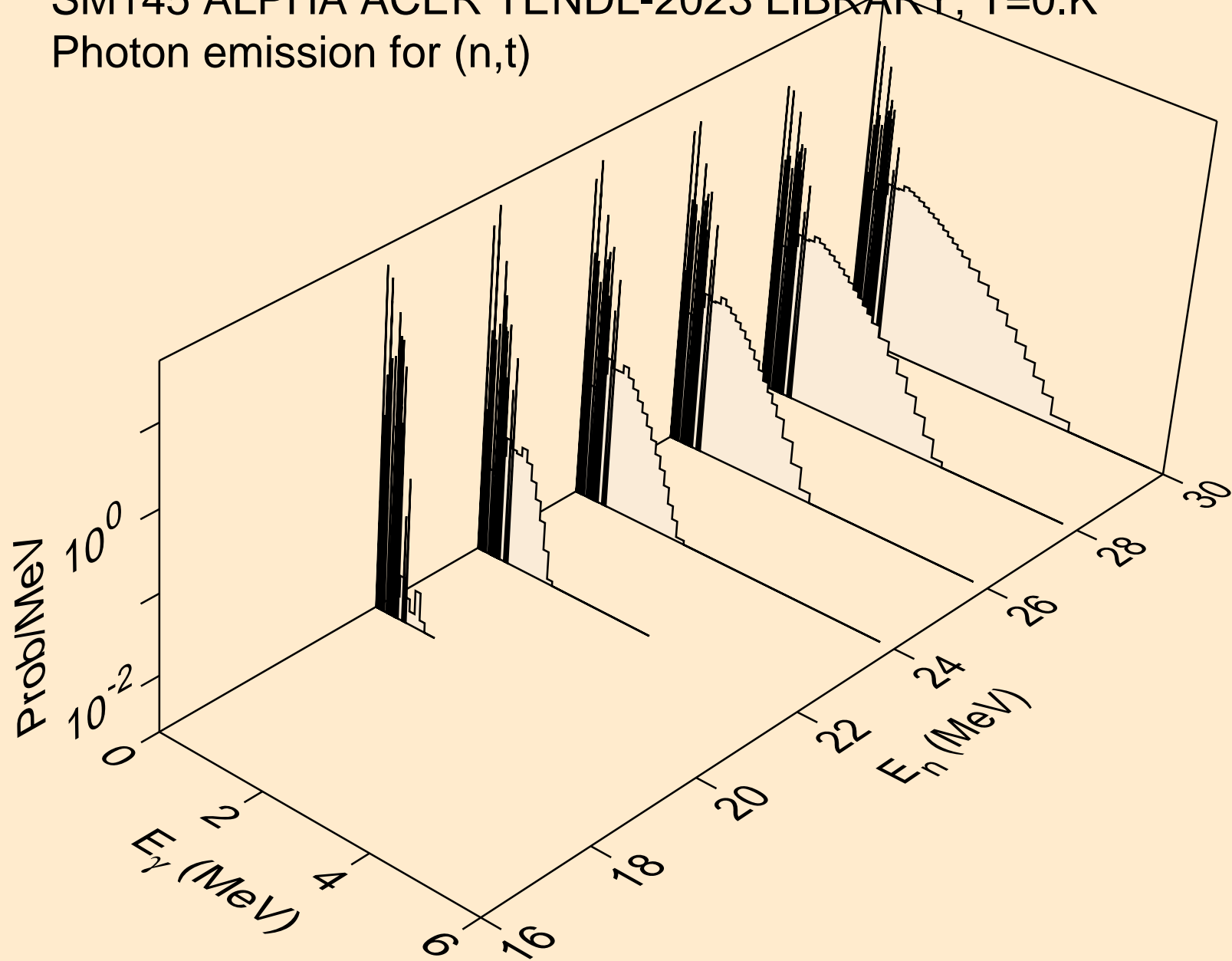
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p)



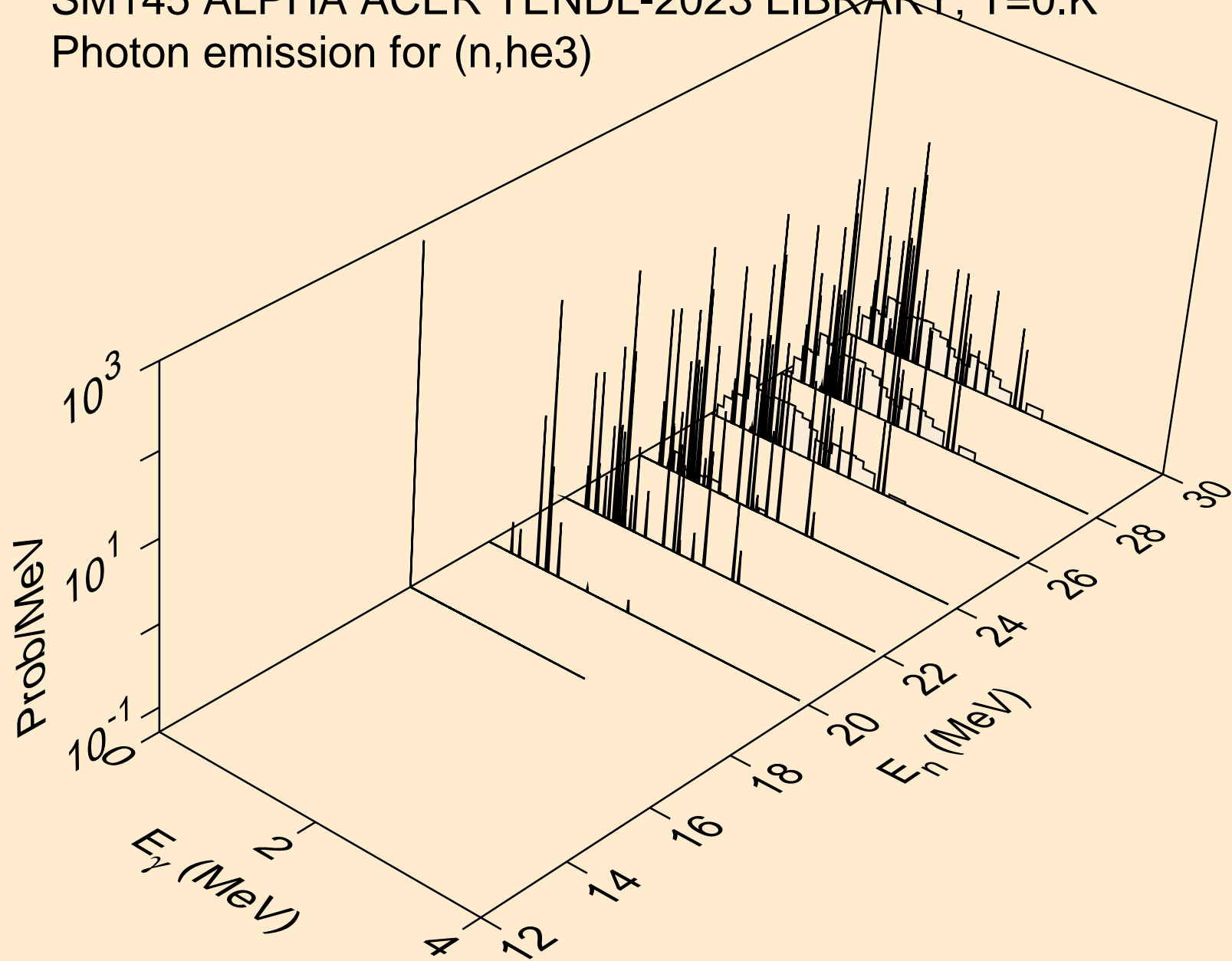
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



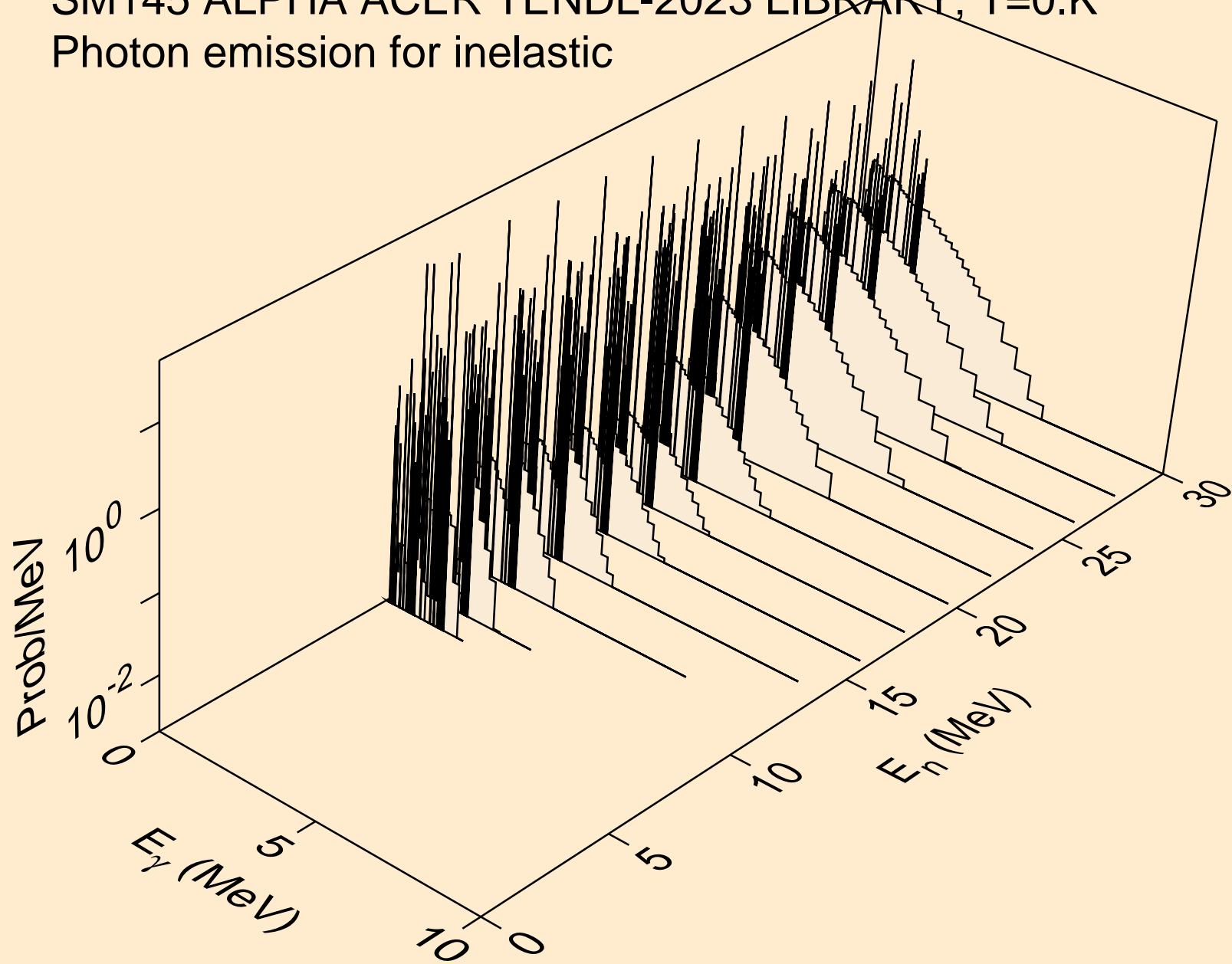
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



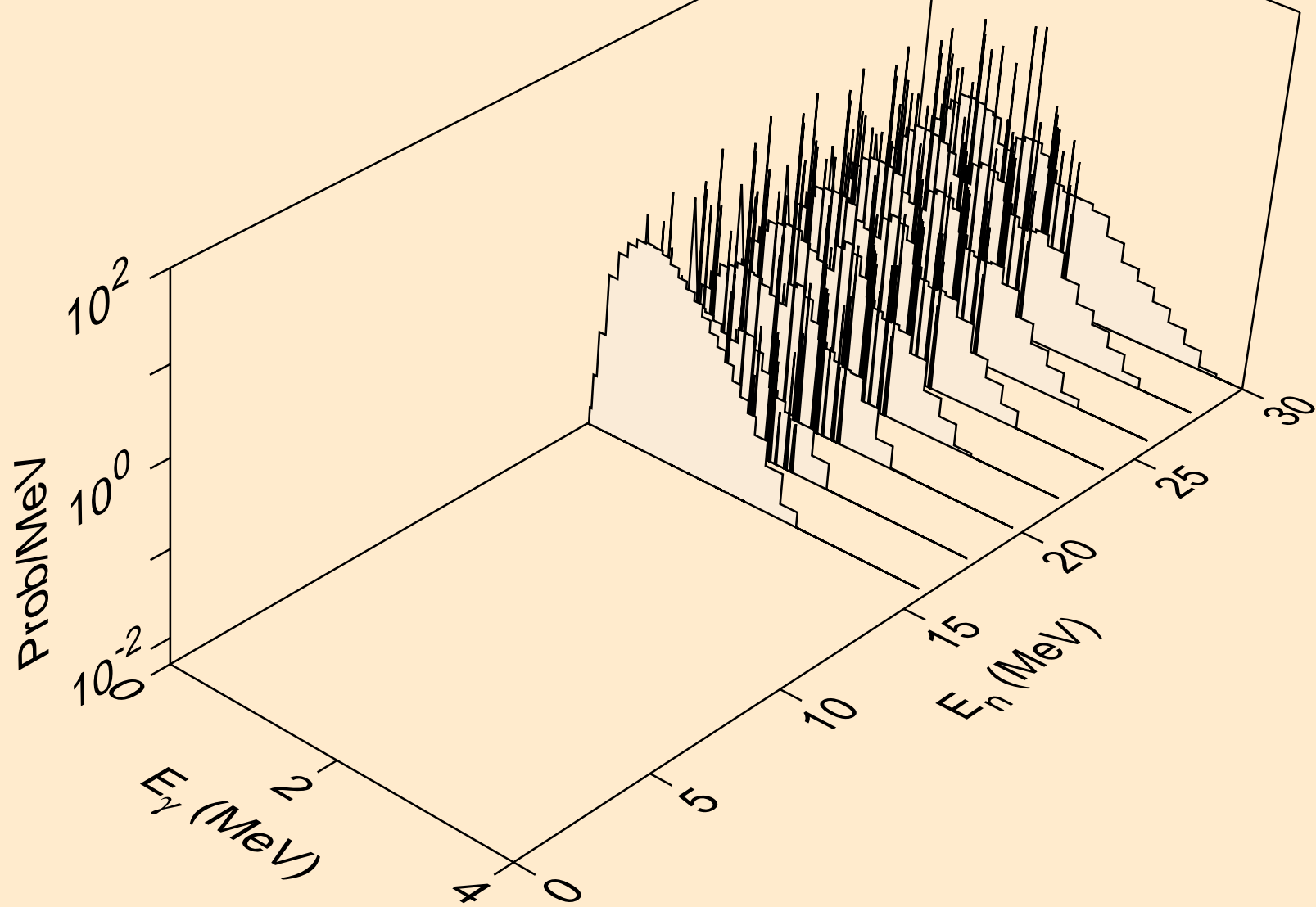
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,he3)



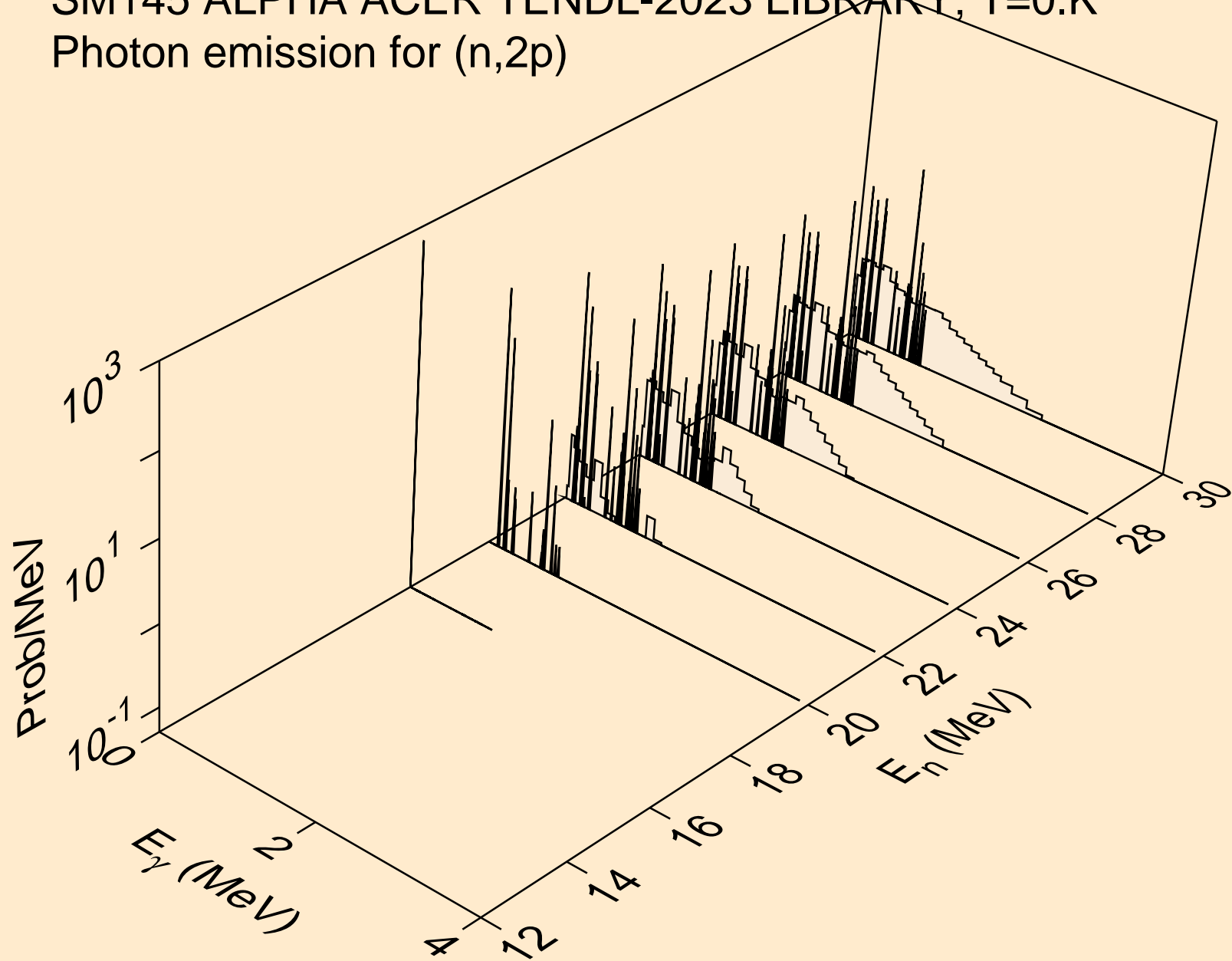
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for inelastic



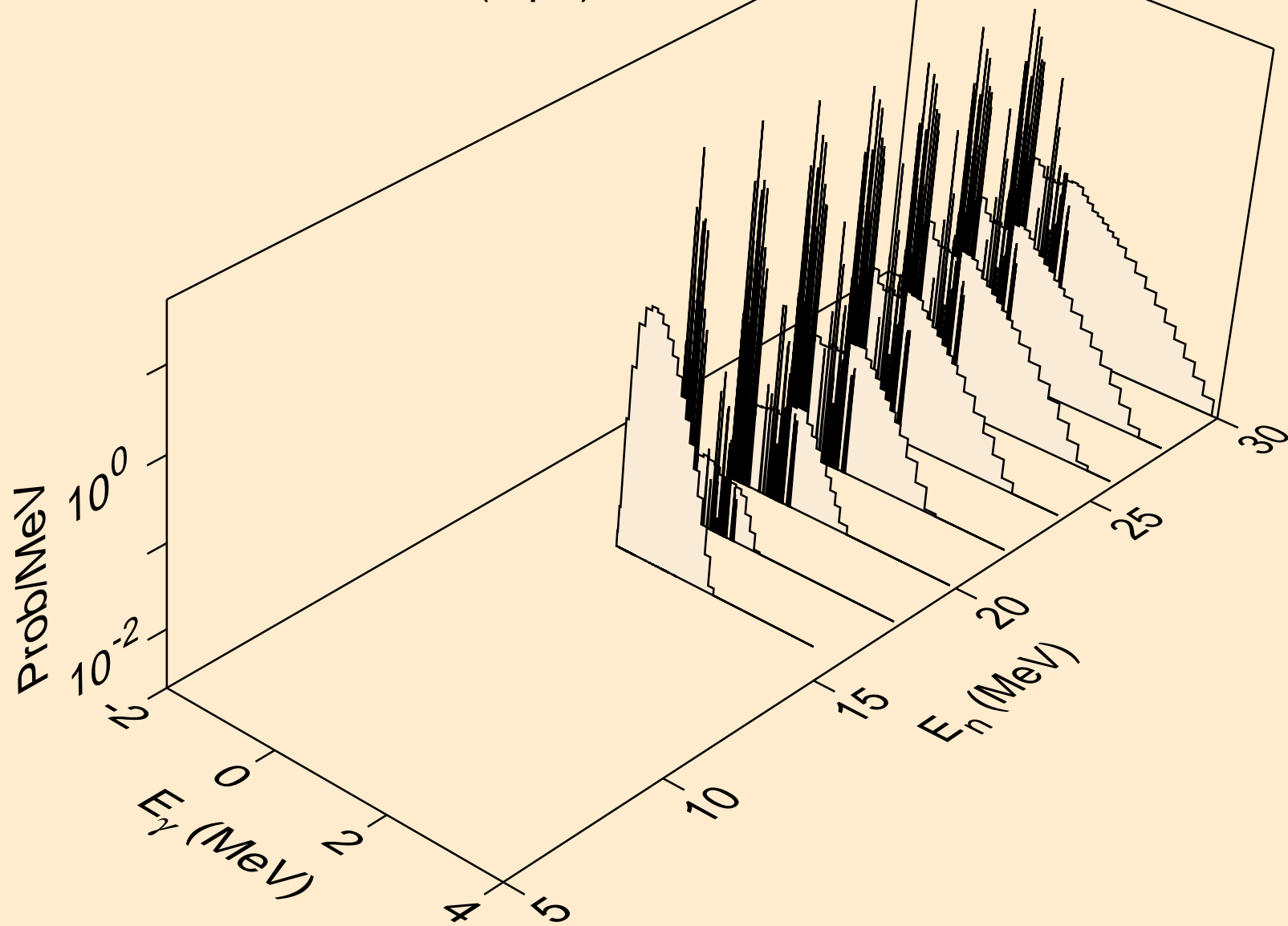
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2a)



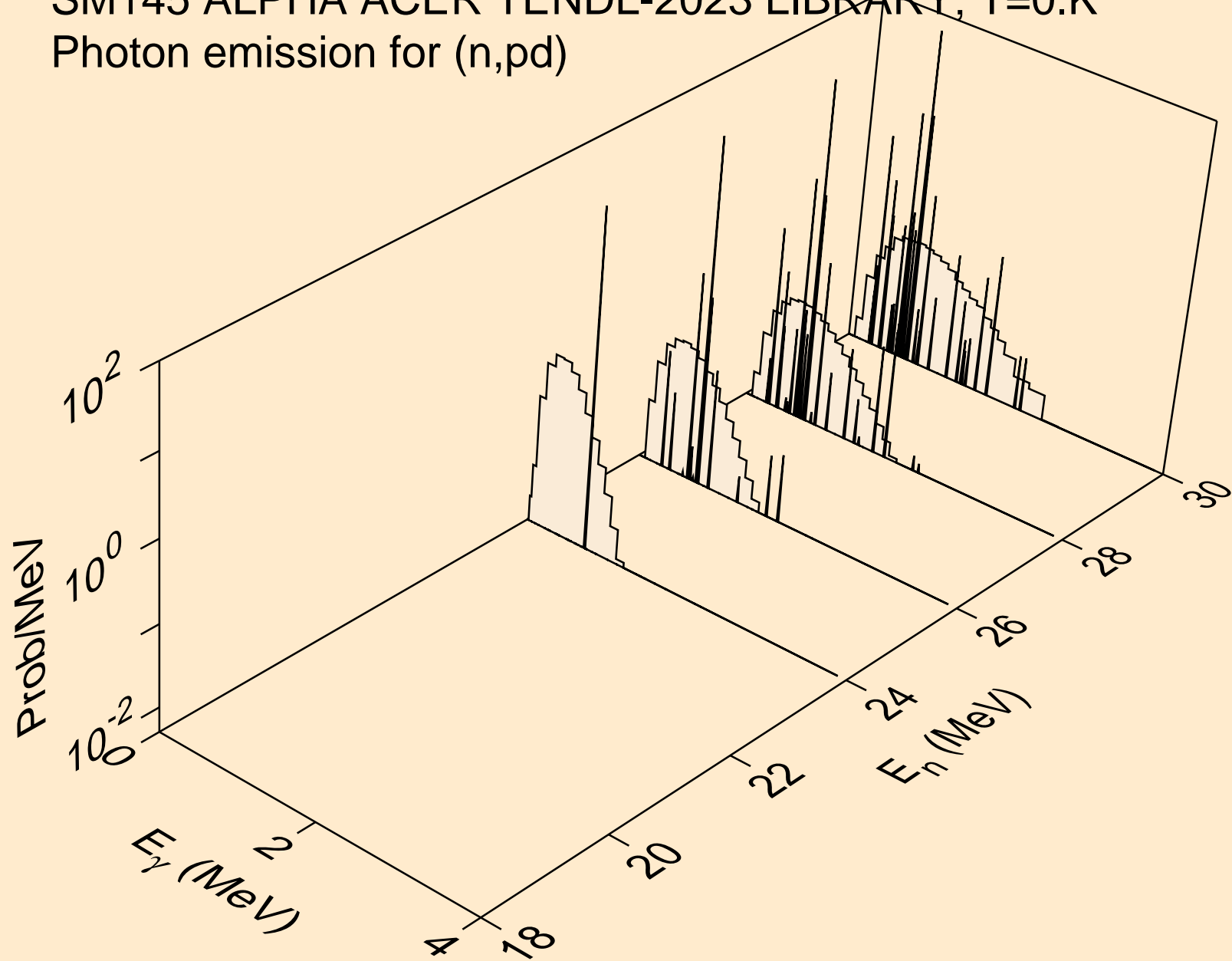
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2p)



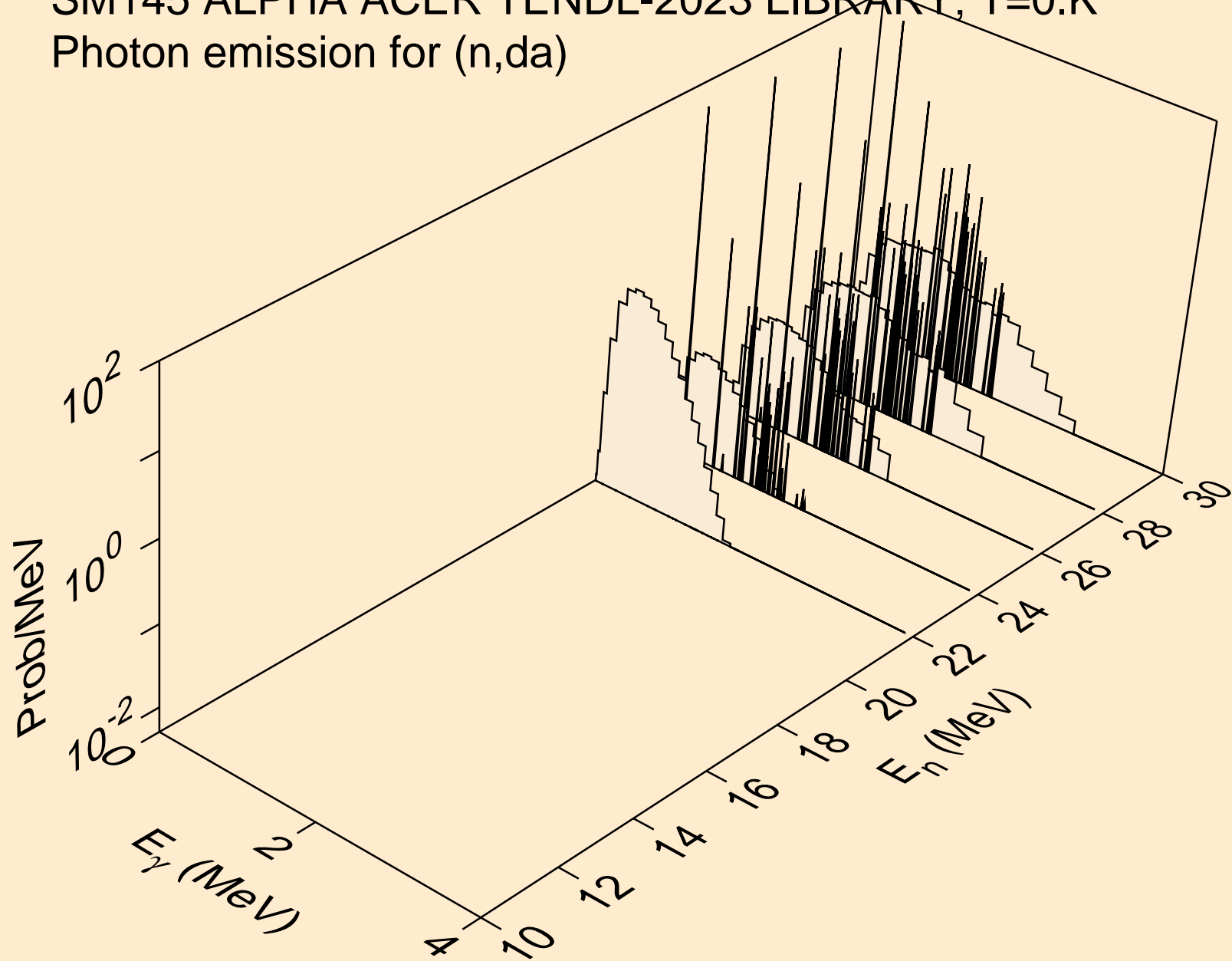
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pa)



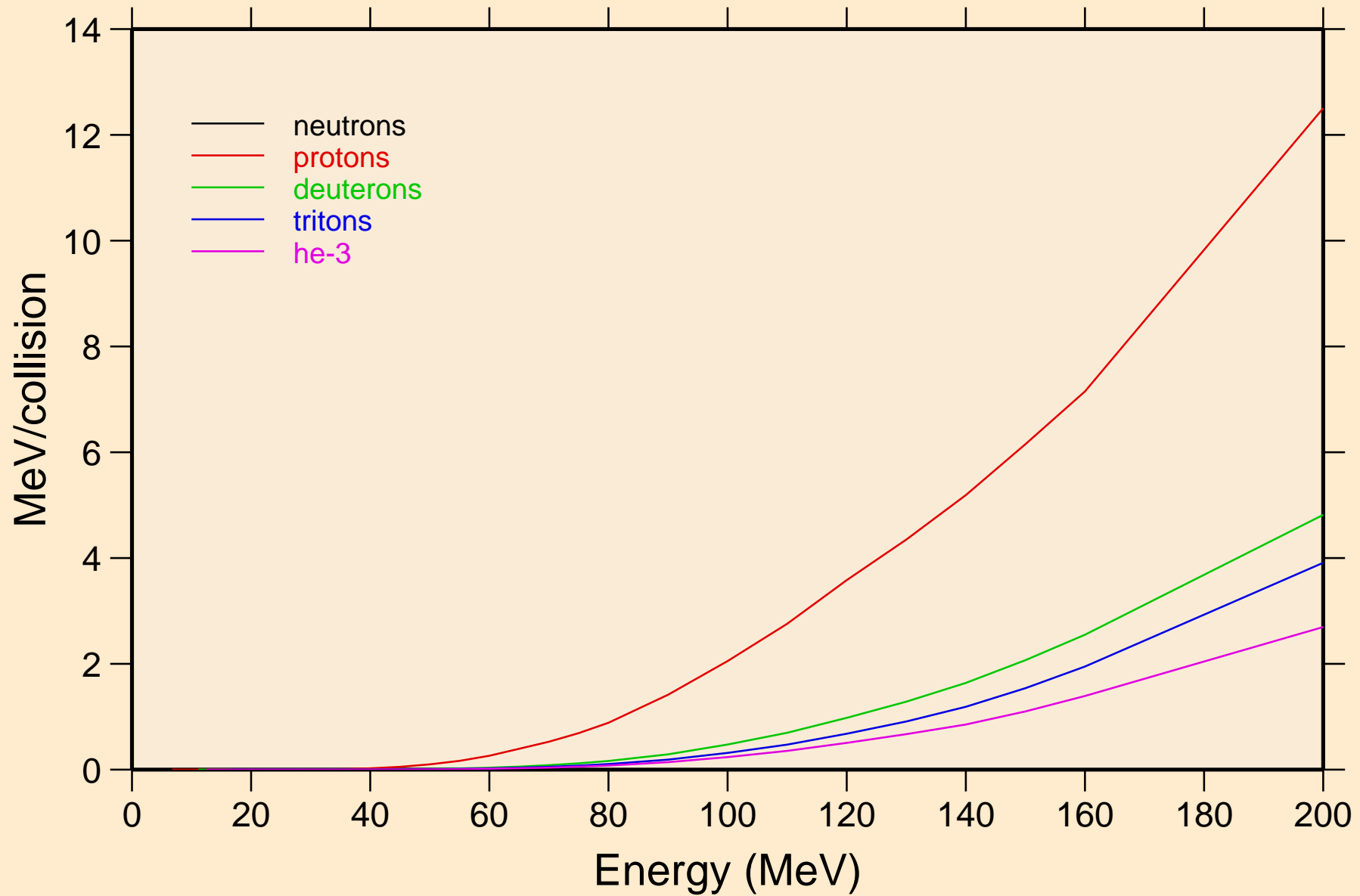
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pd)



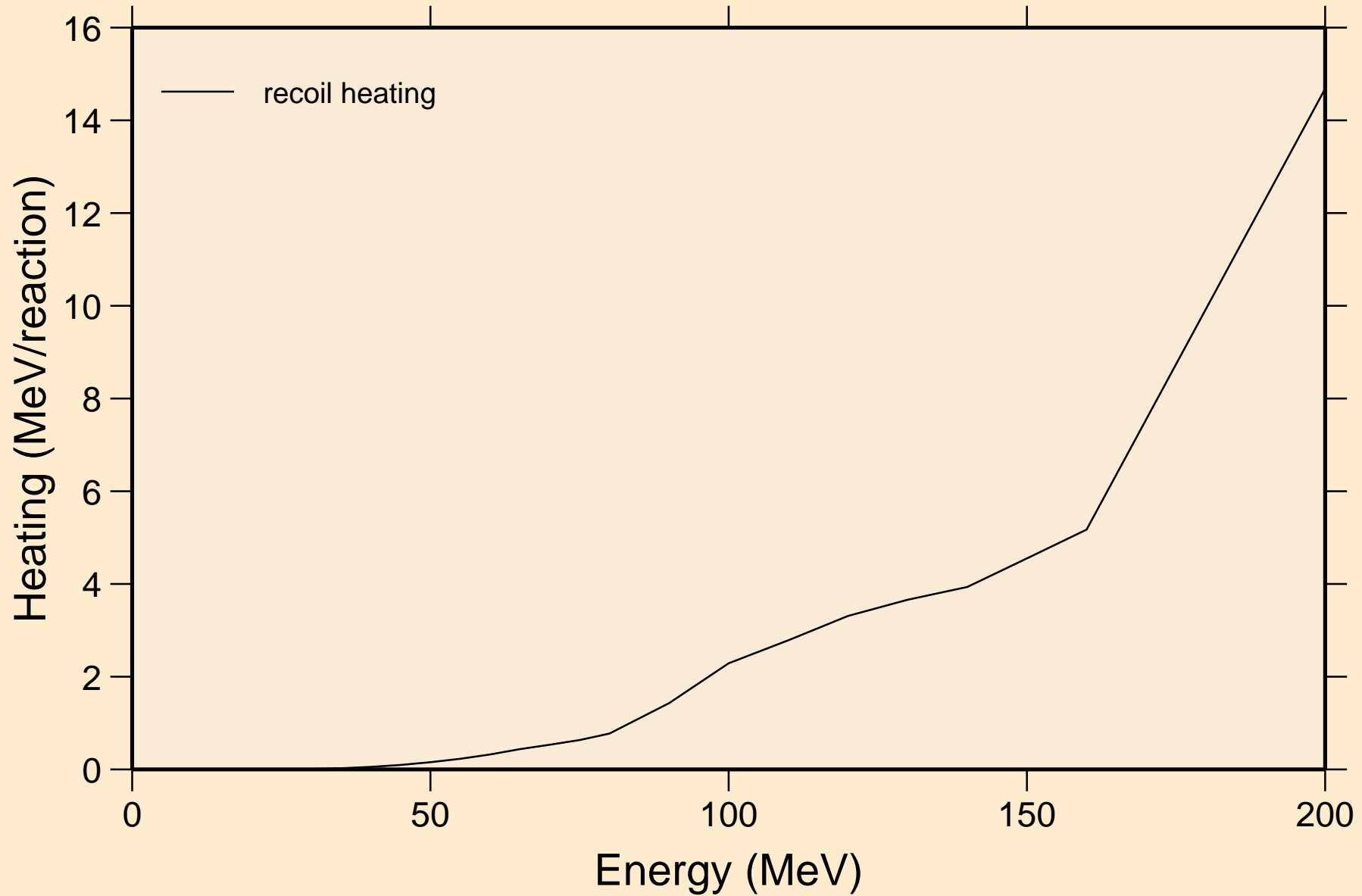
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,da)



SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Particle heating contributions

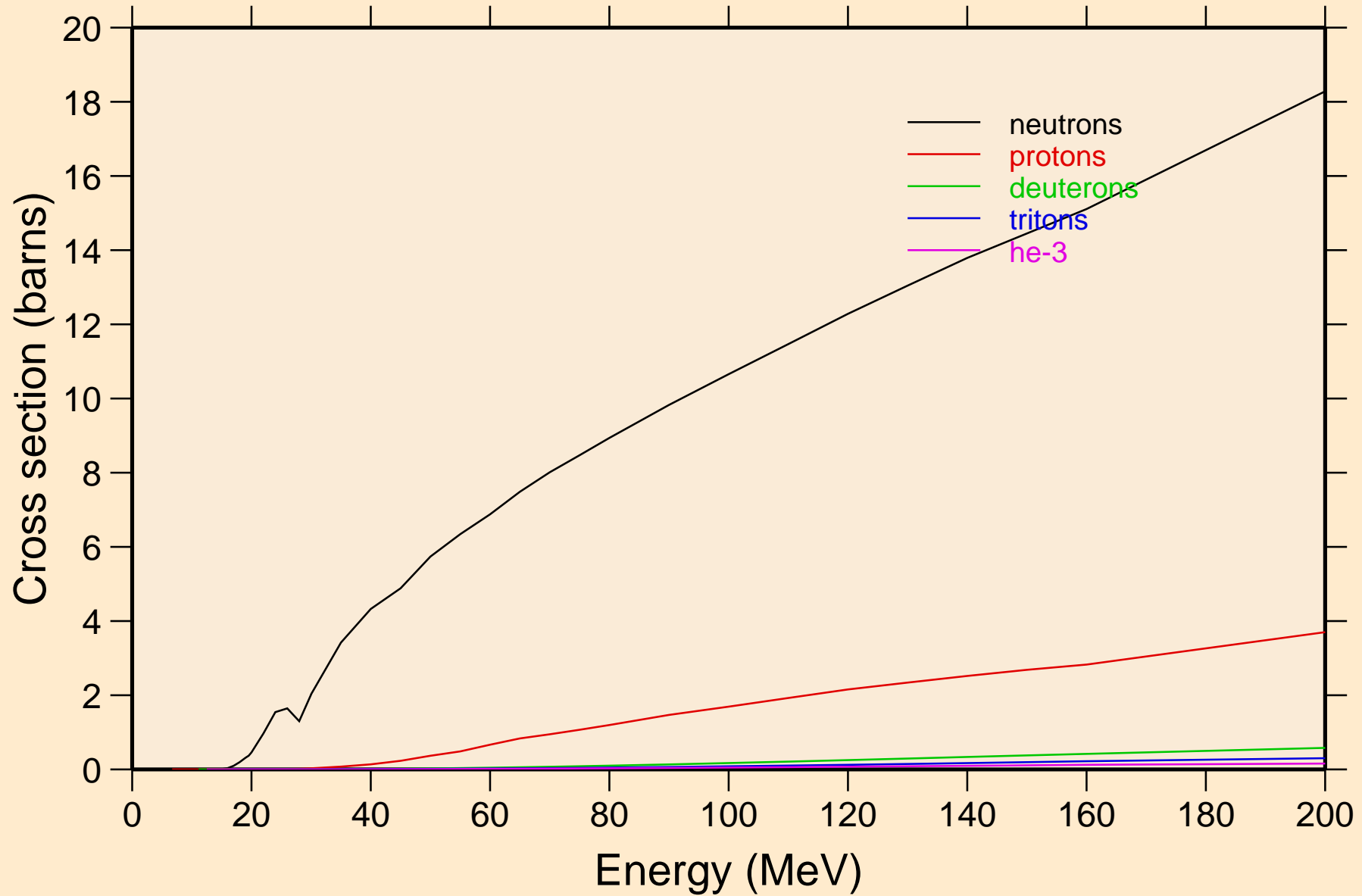


SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Recoil Heating

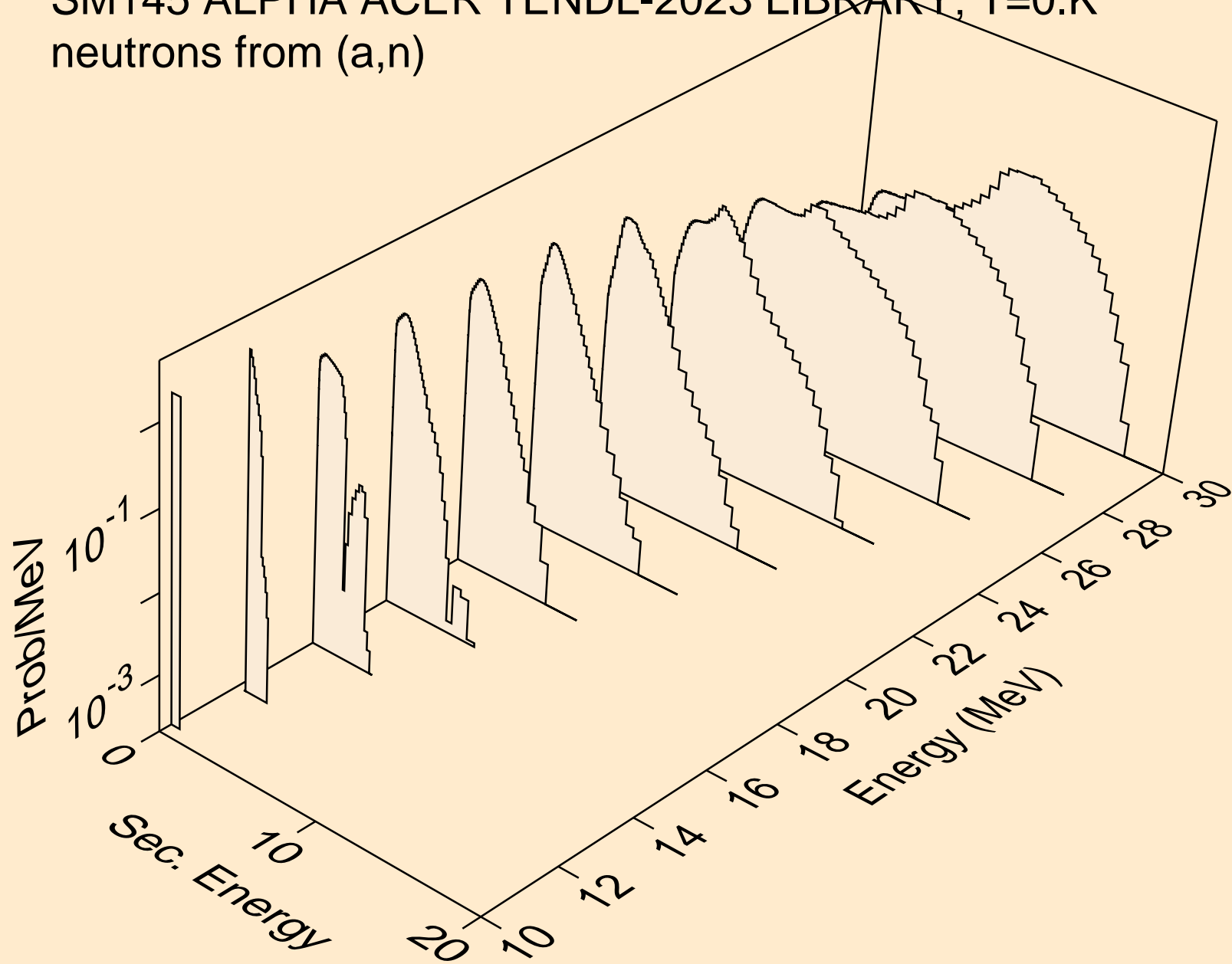


SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K

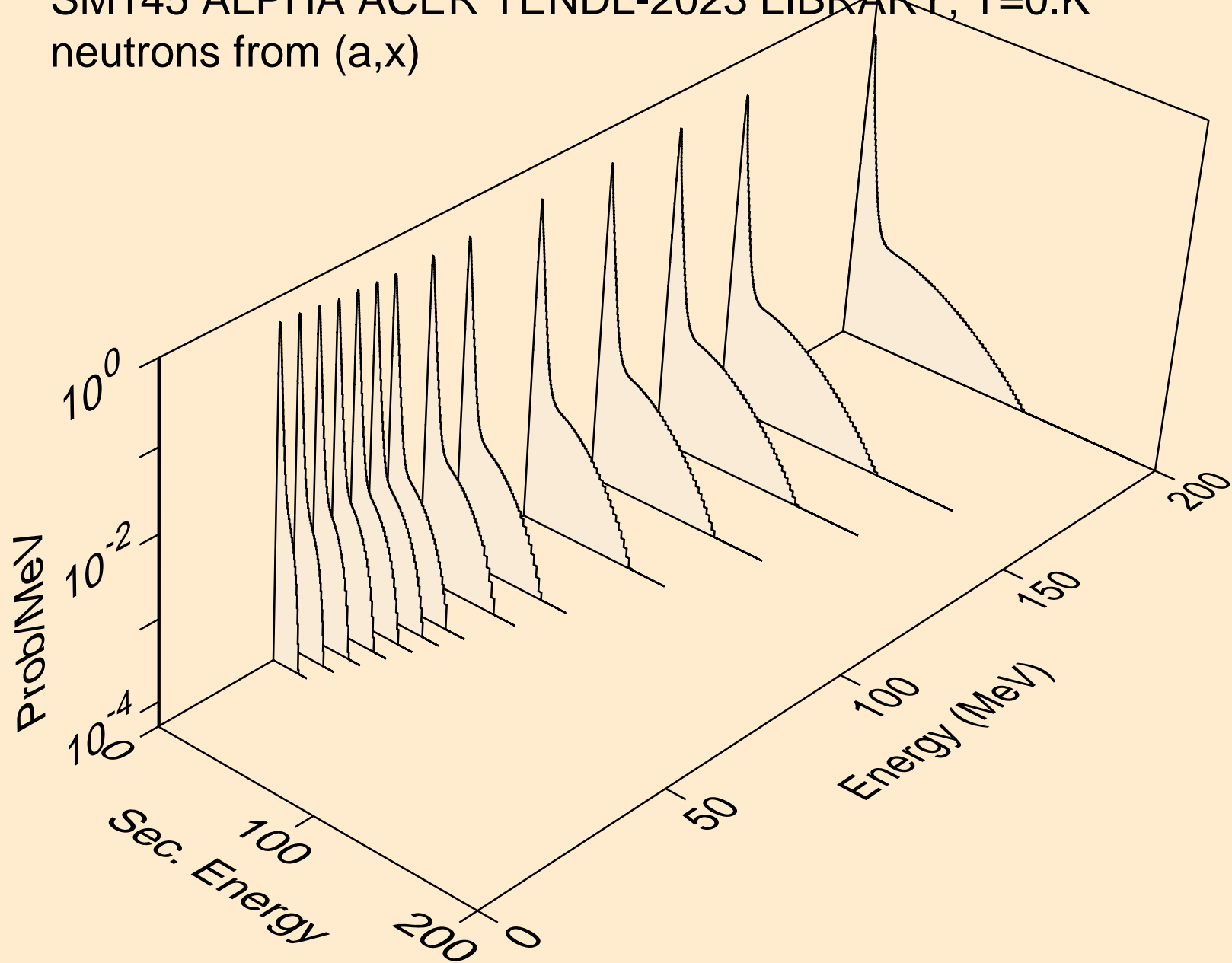
Particle production cross sections



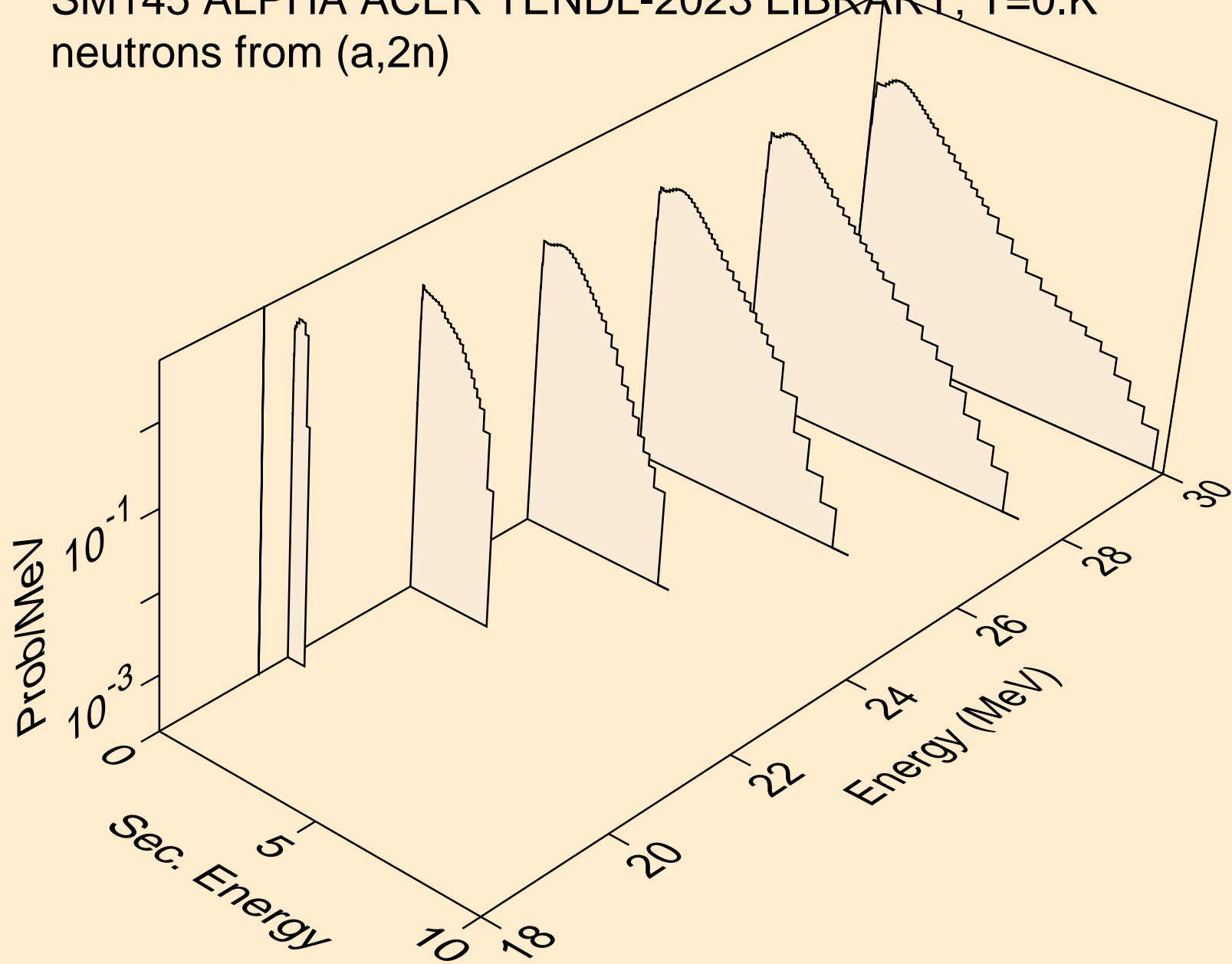
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n)



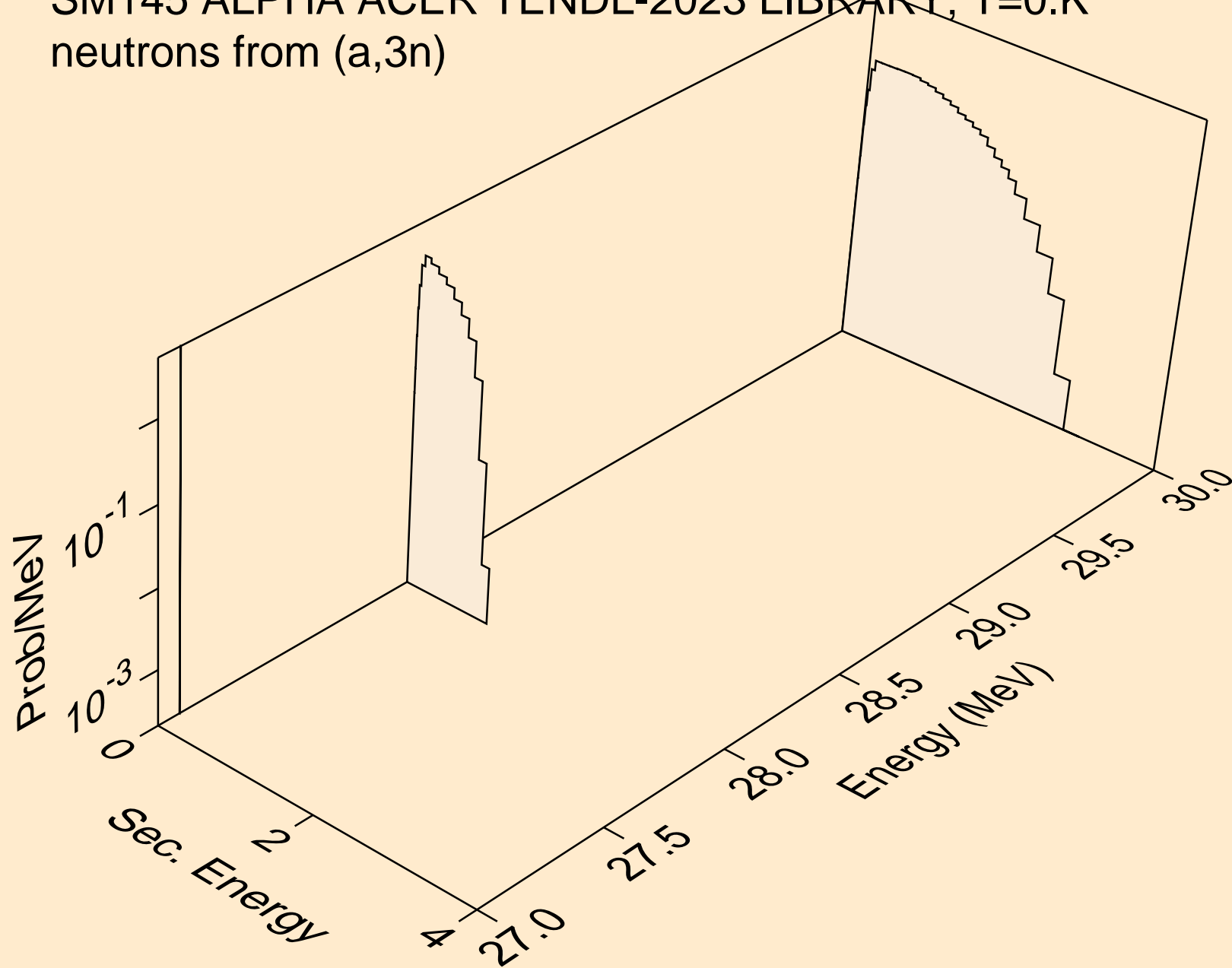
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,x)



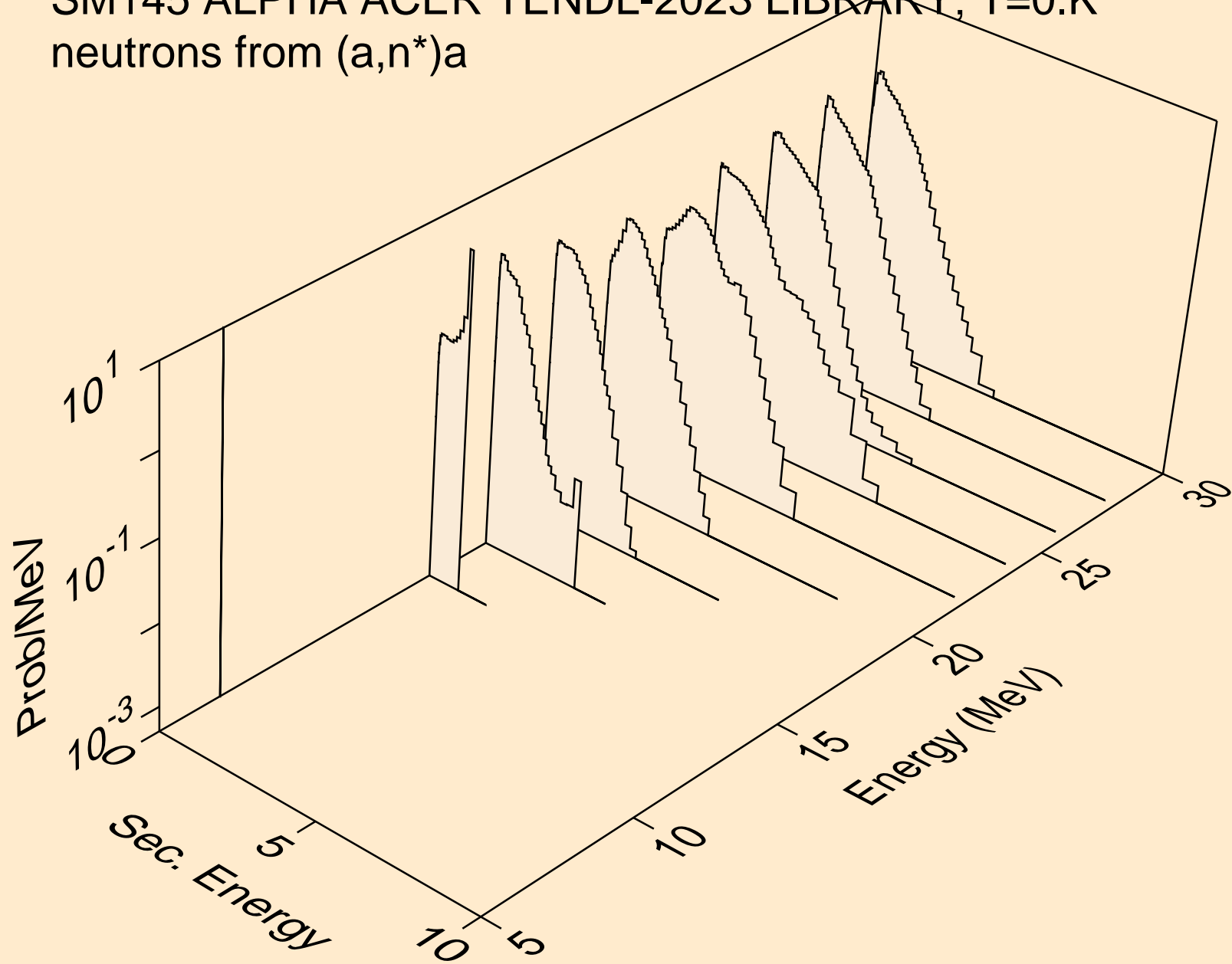
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,2n)



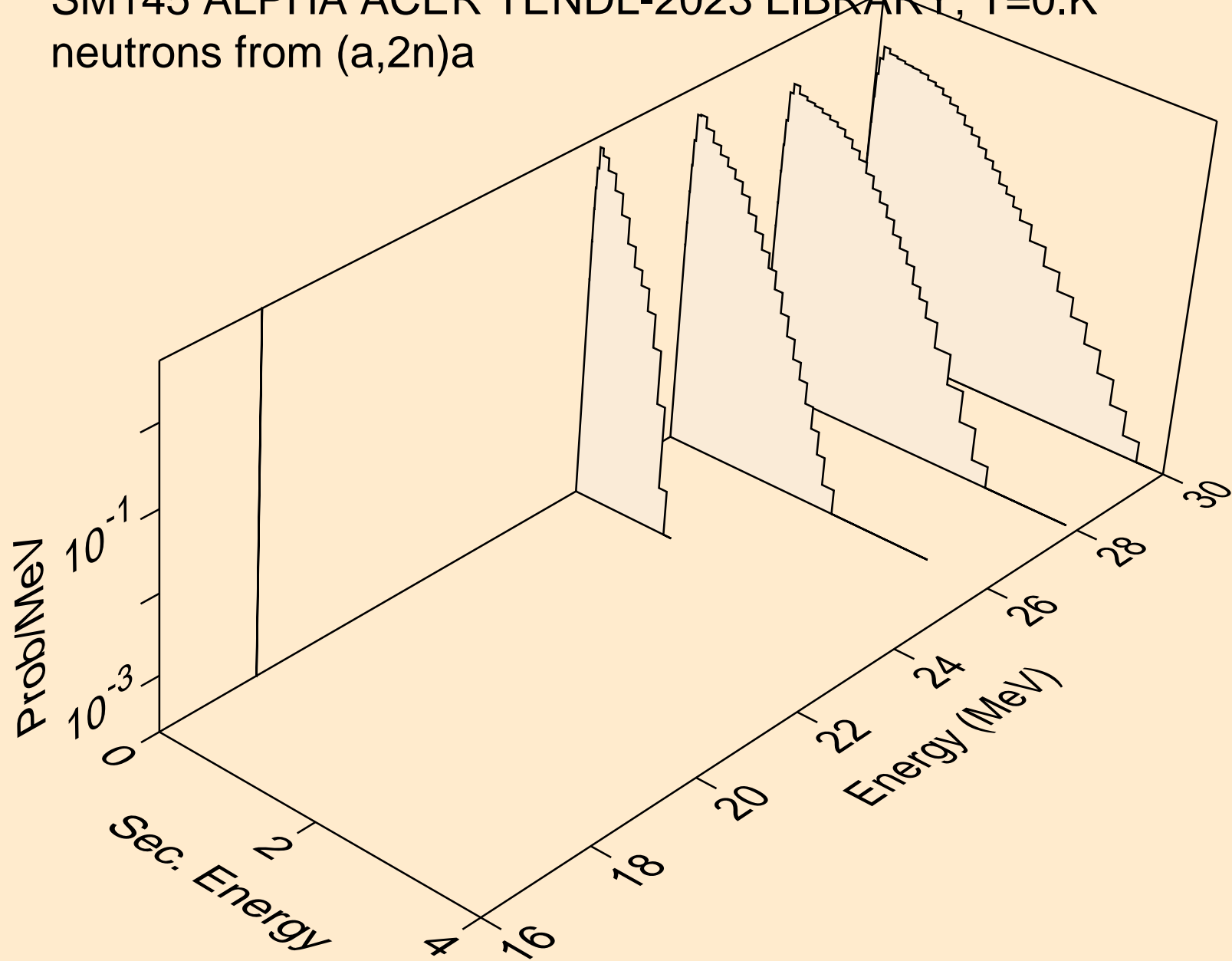
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,3n)



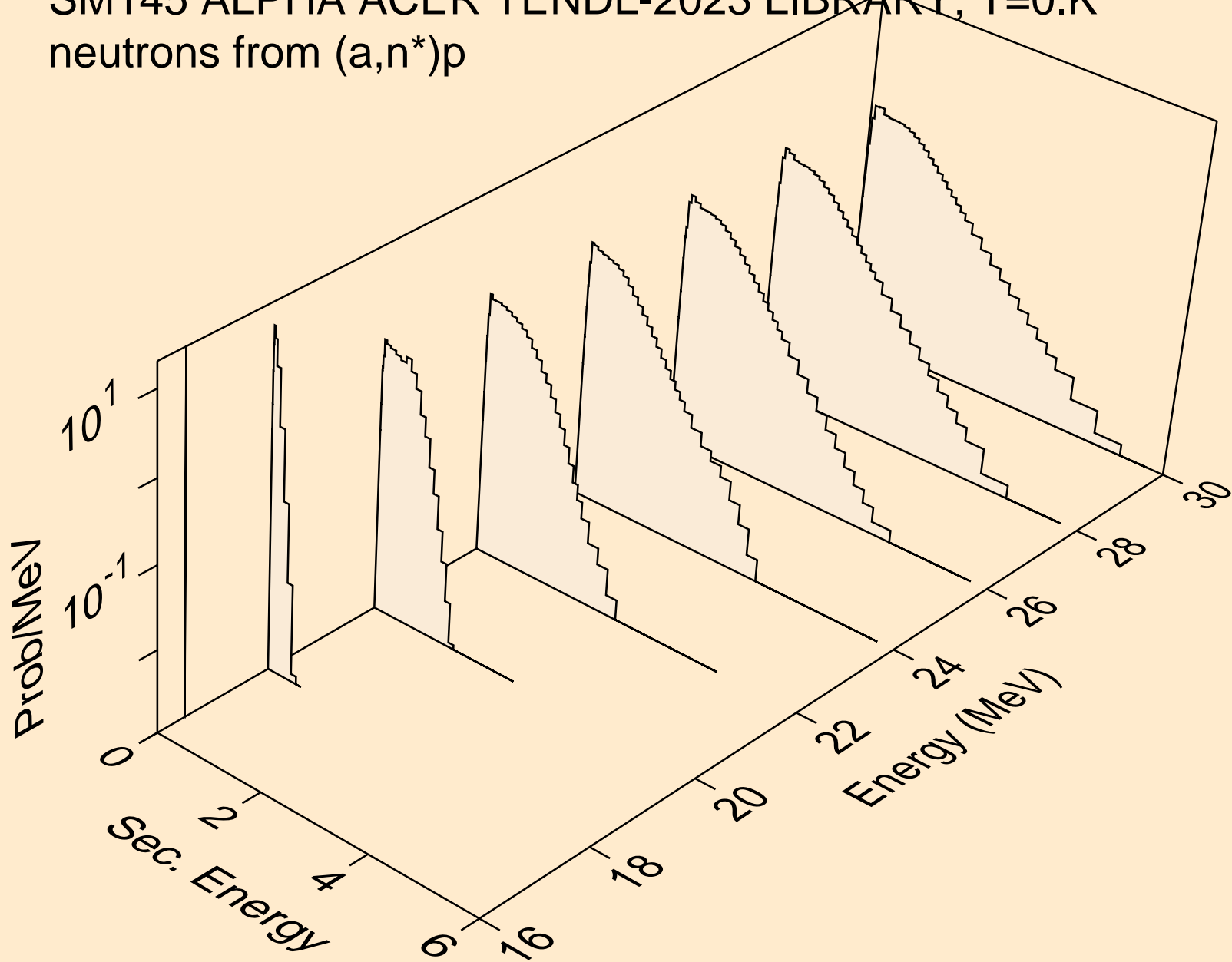
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n*)a



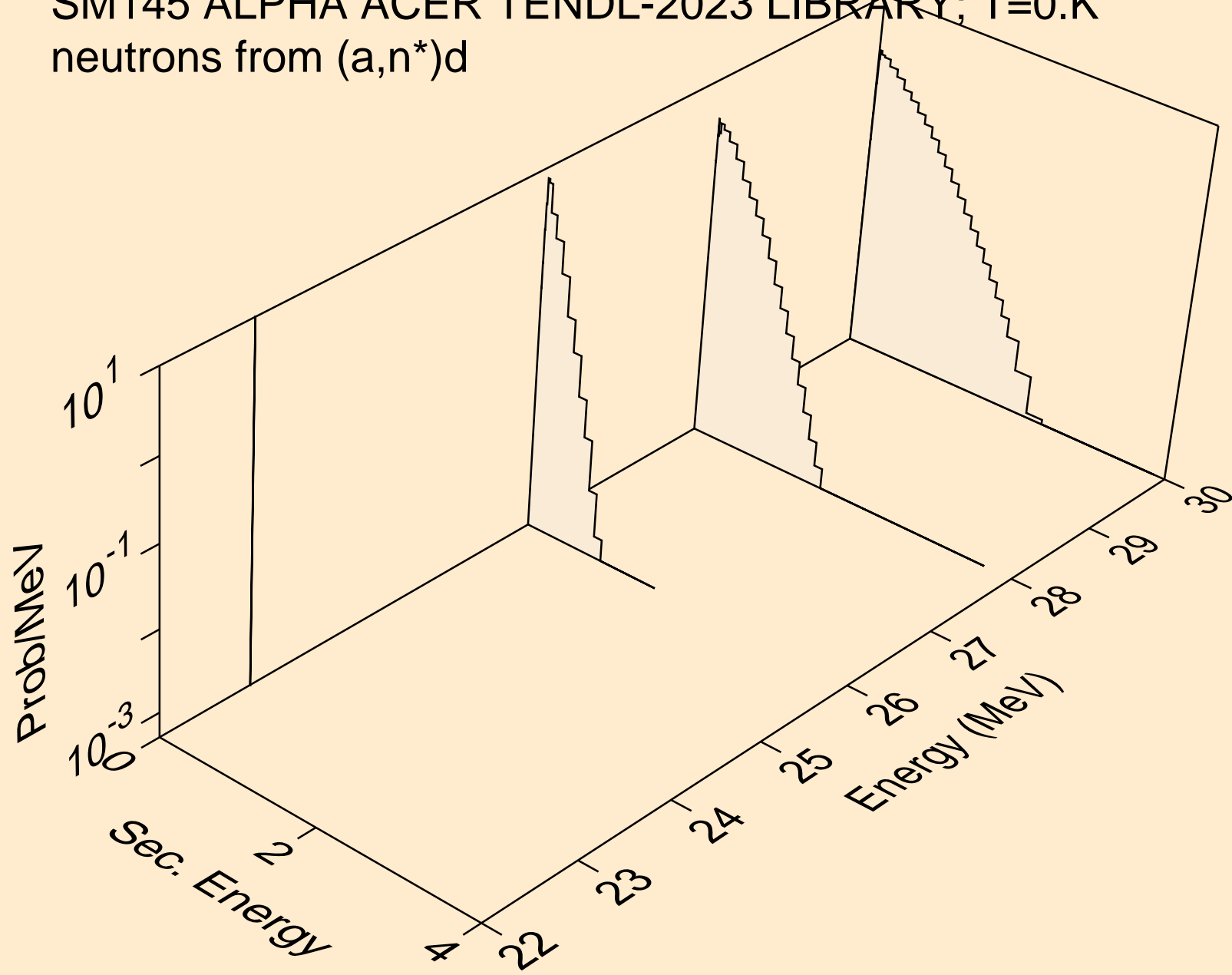
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,2n)a



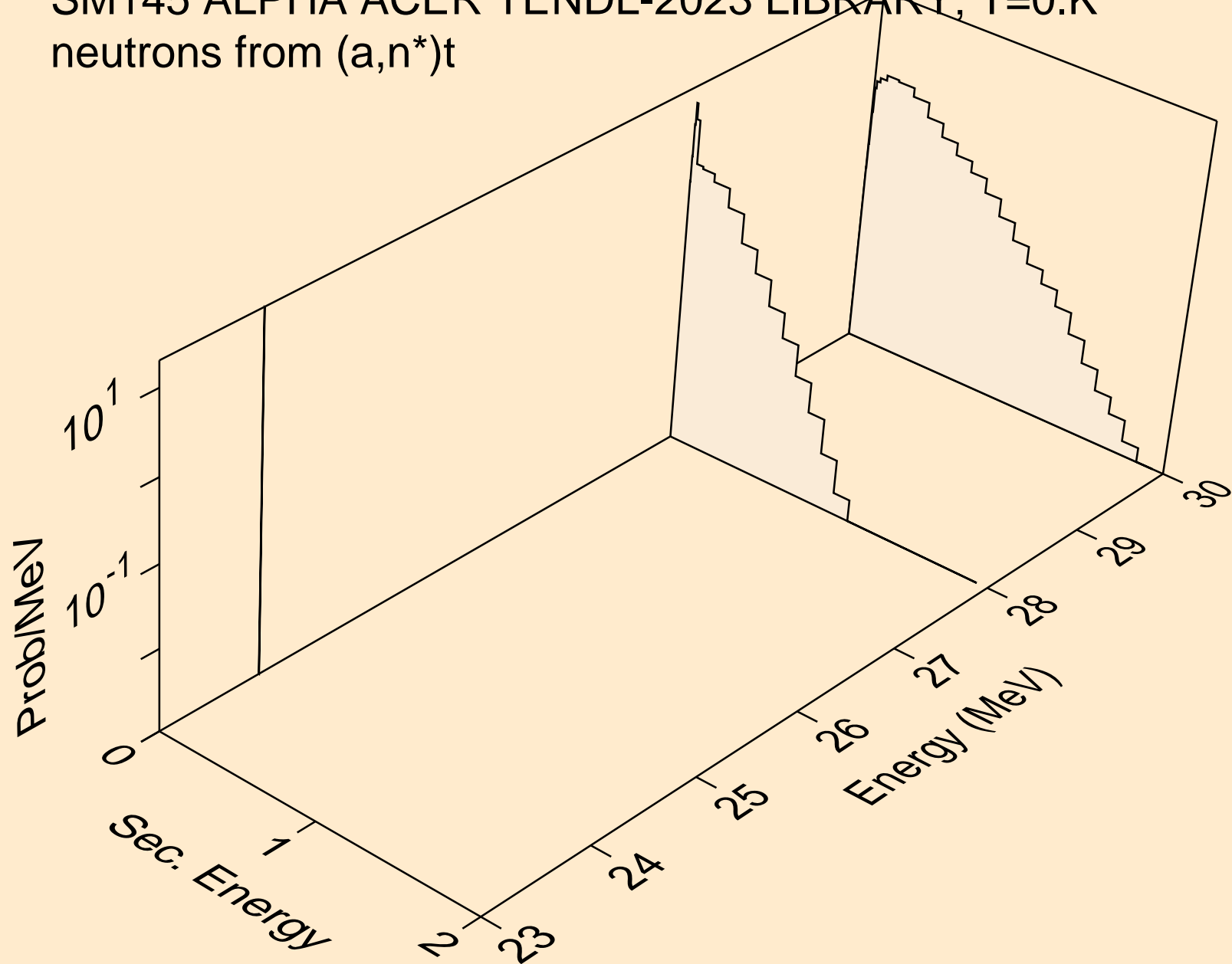
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n*)p



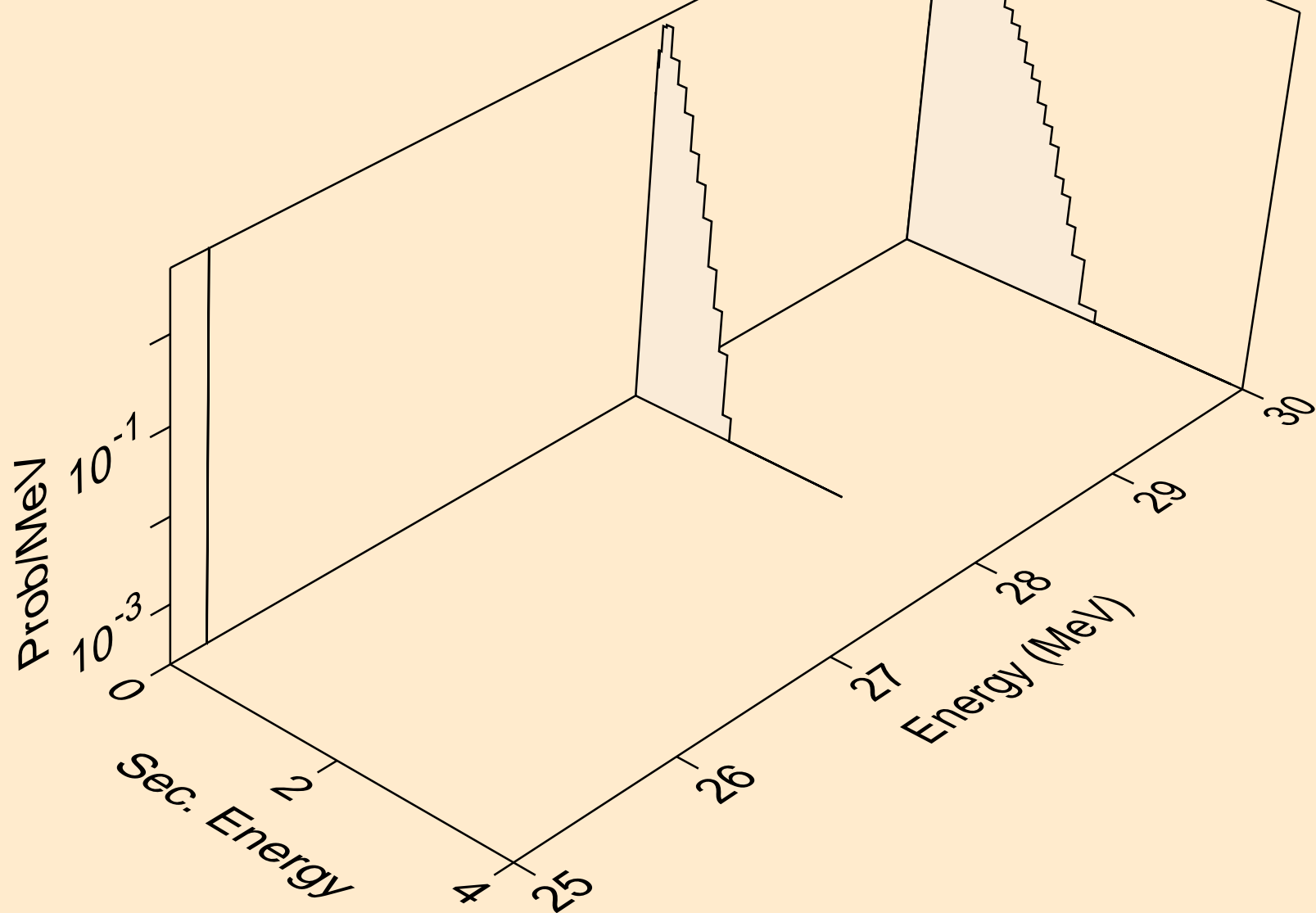
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n*)d



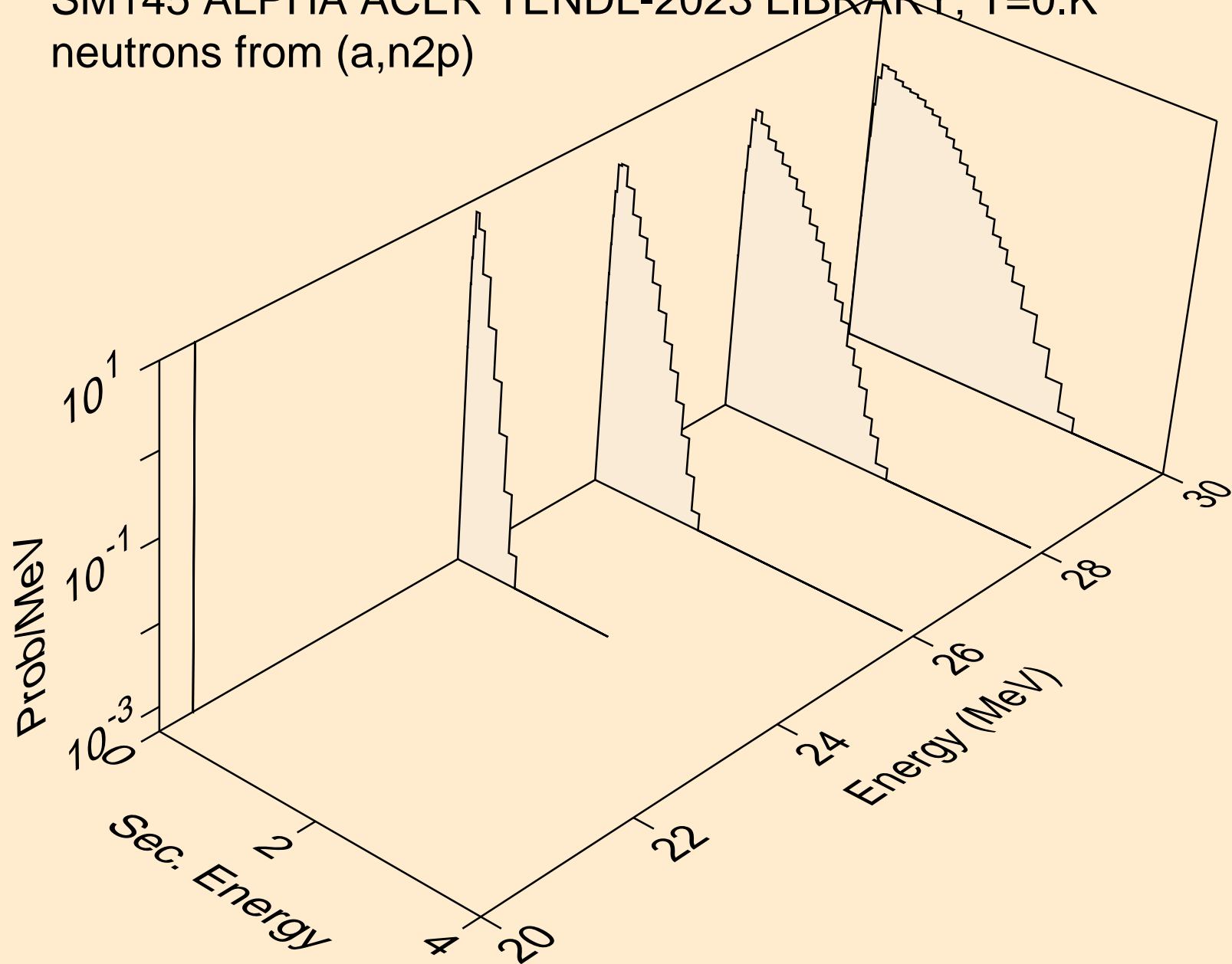
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n*)t



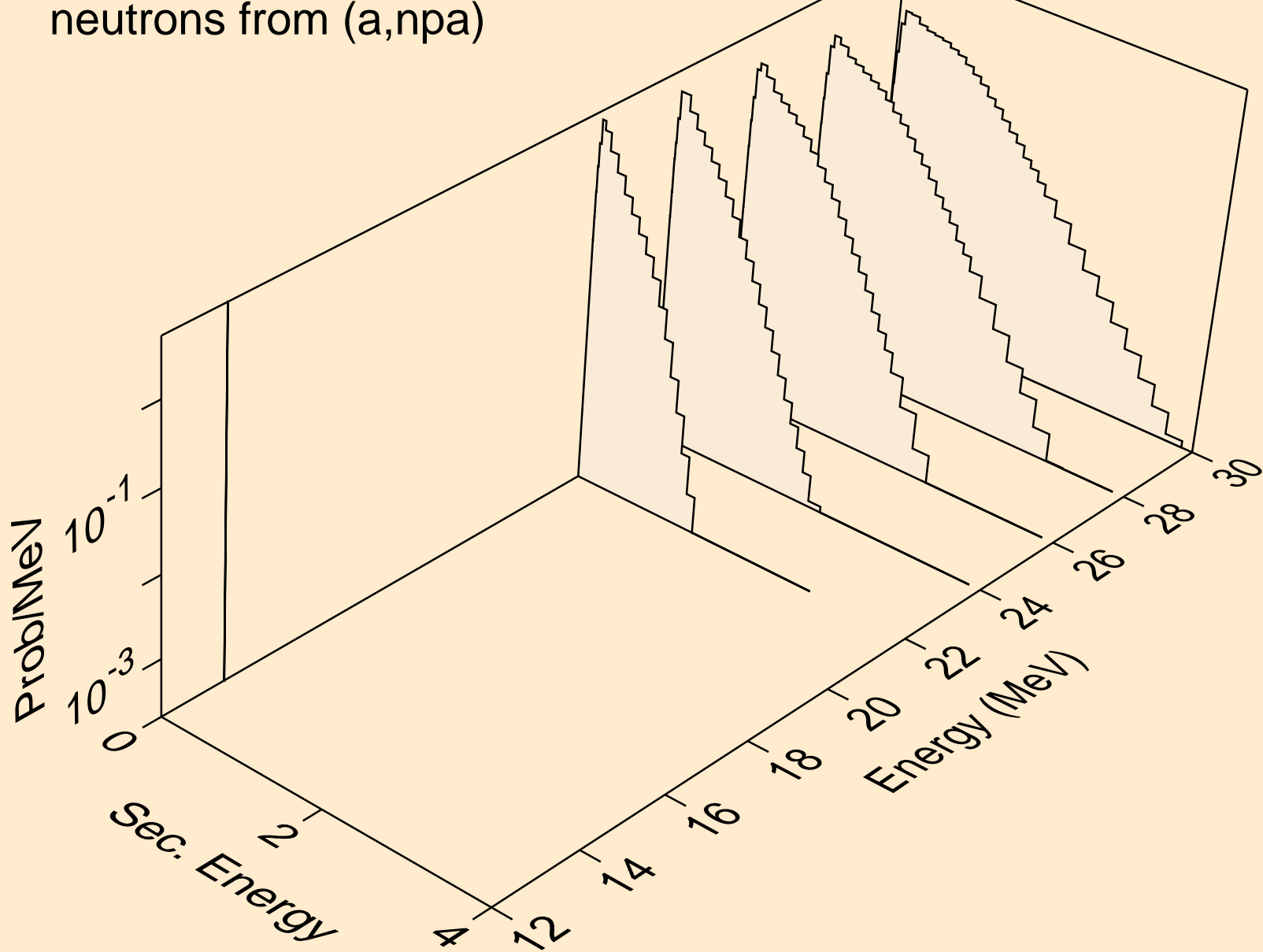
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,2np)



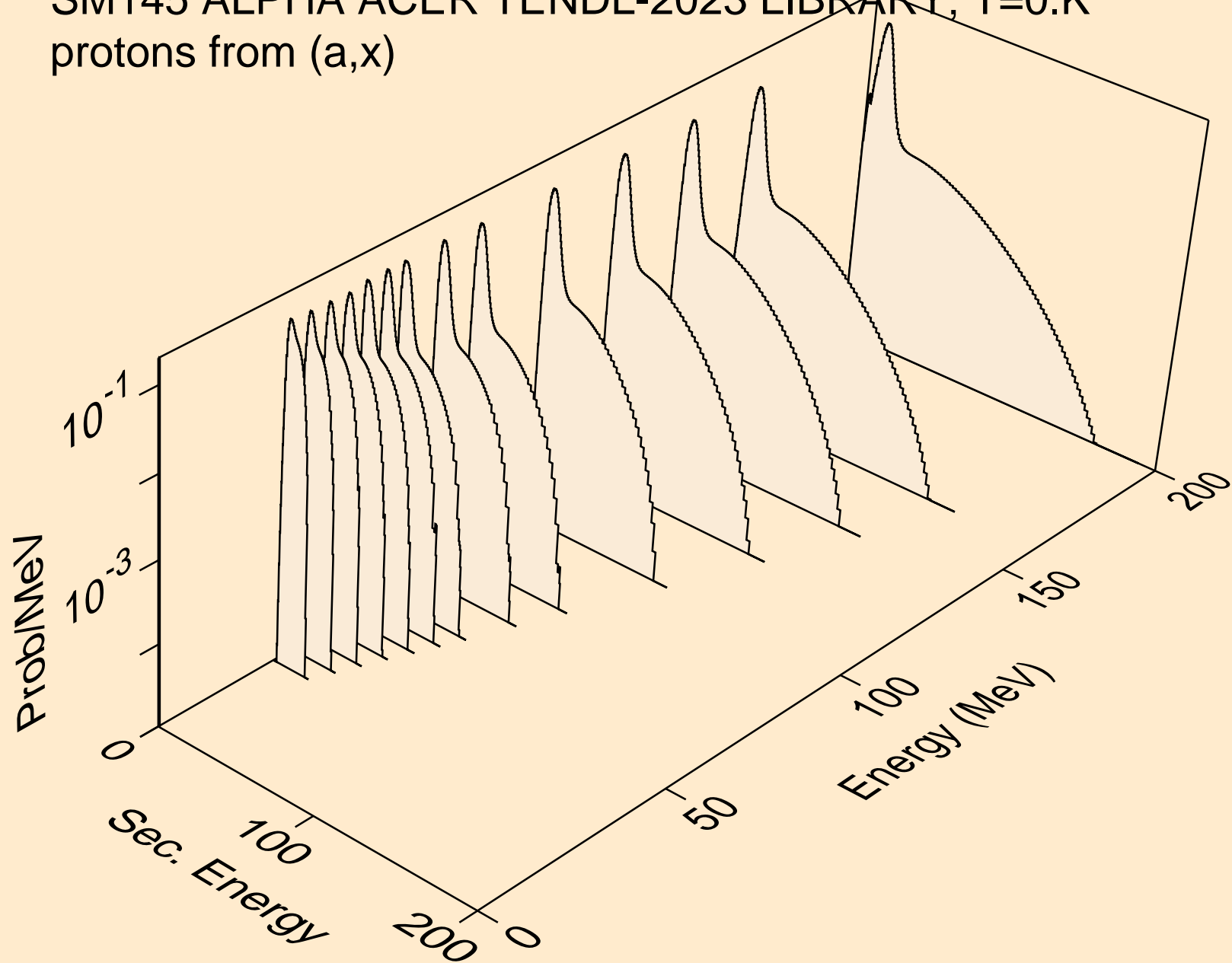
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n2p)



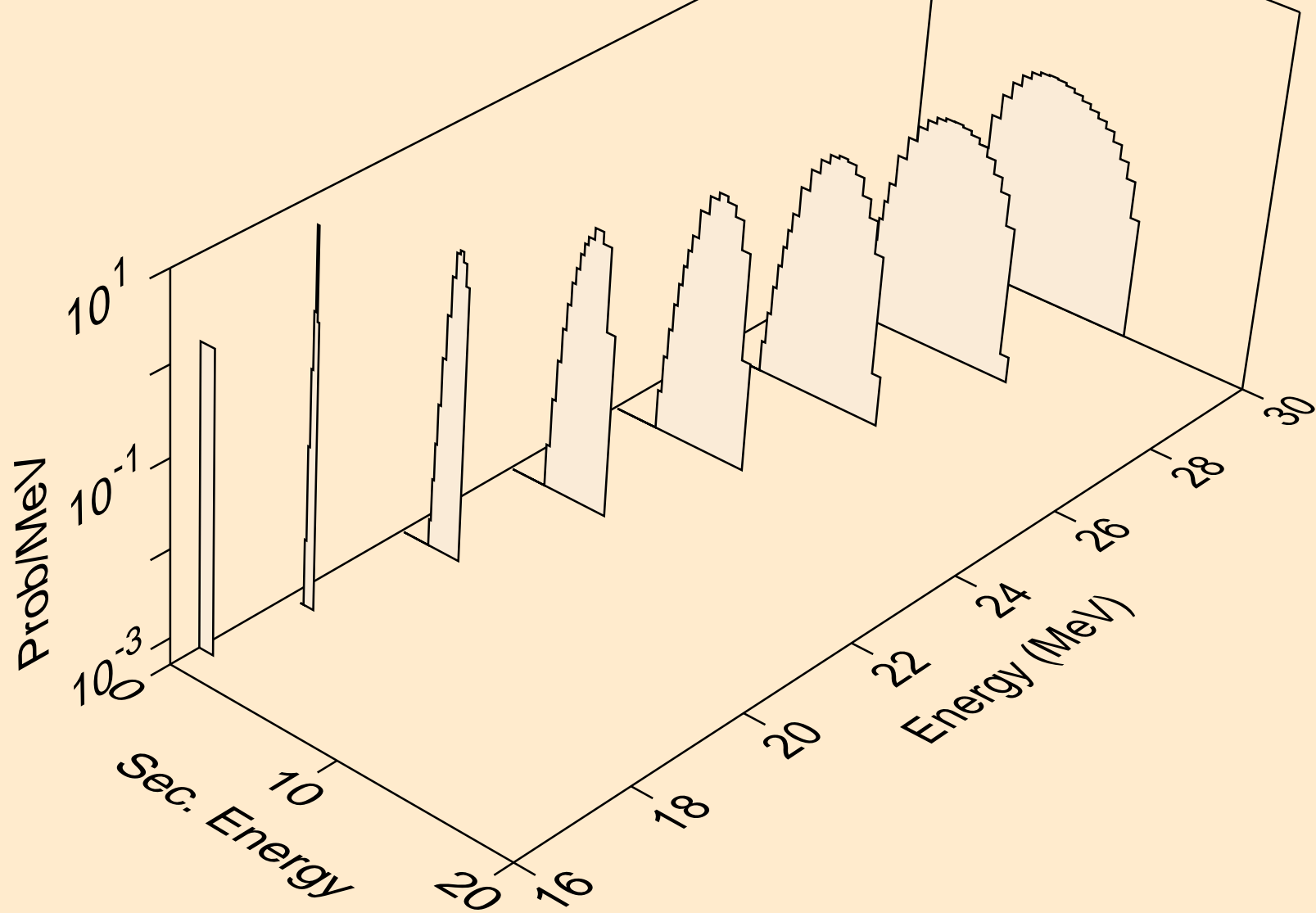
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,npa)



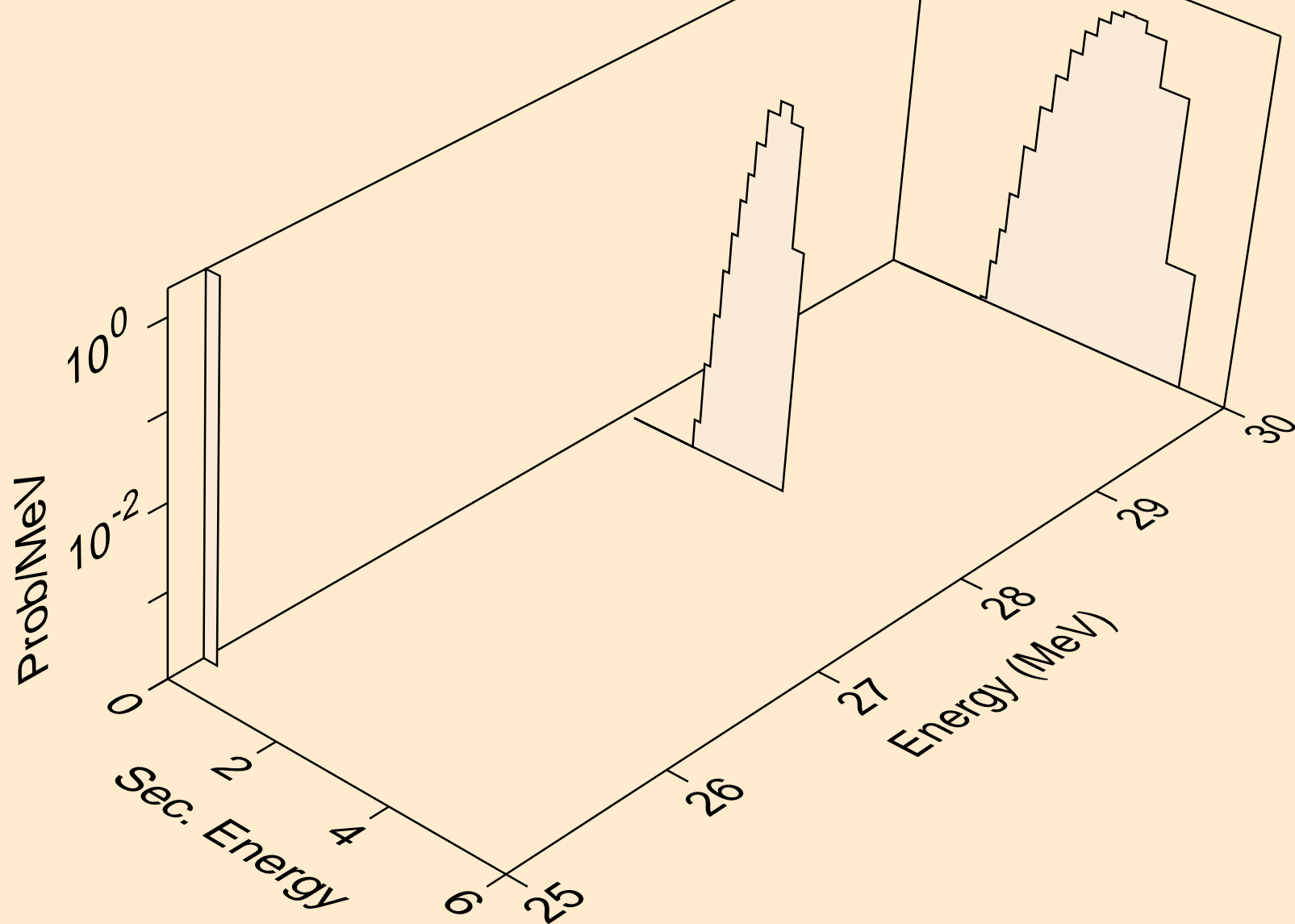
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
protons from (a,x)



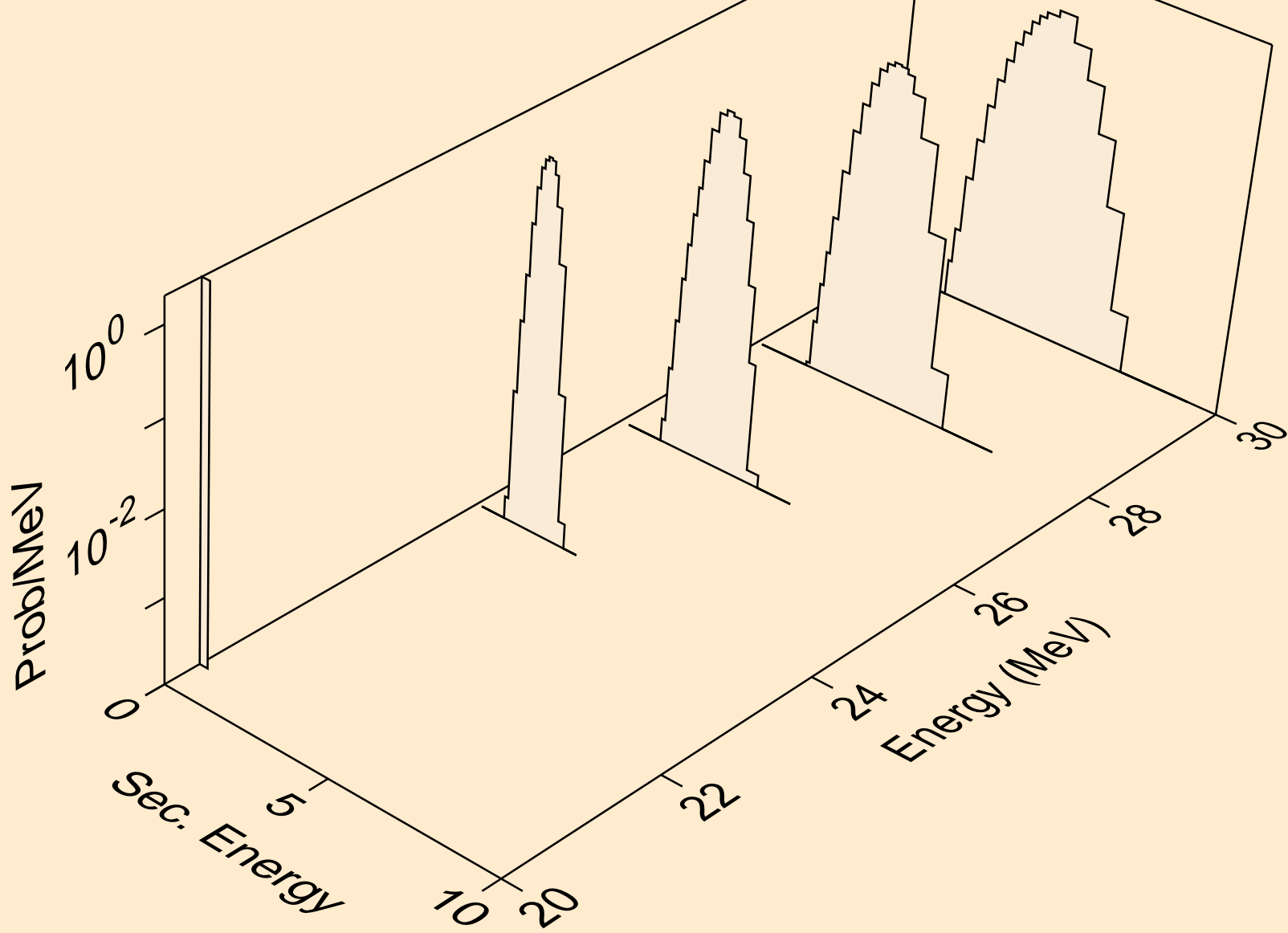
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
protons from (a,n*)p



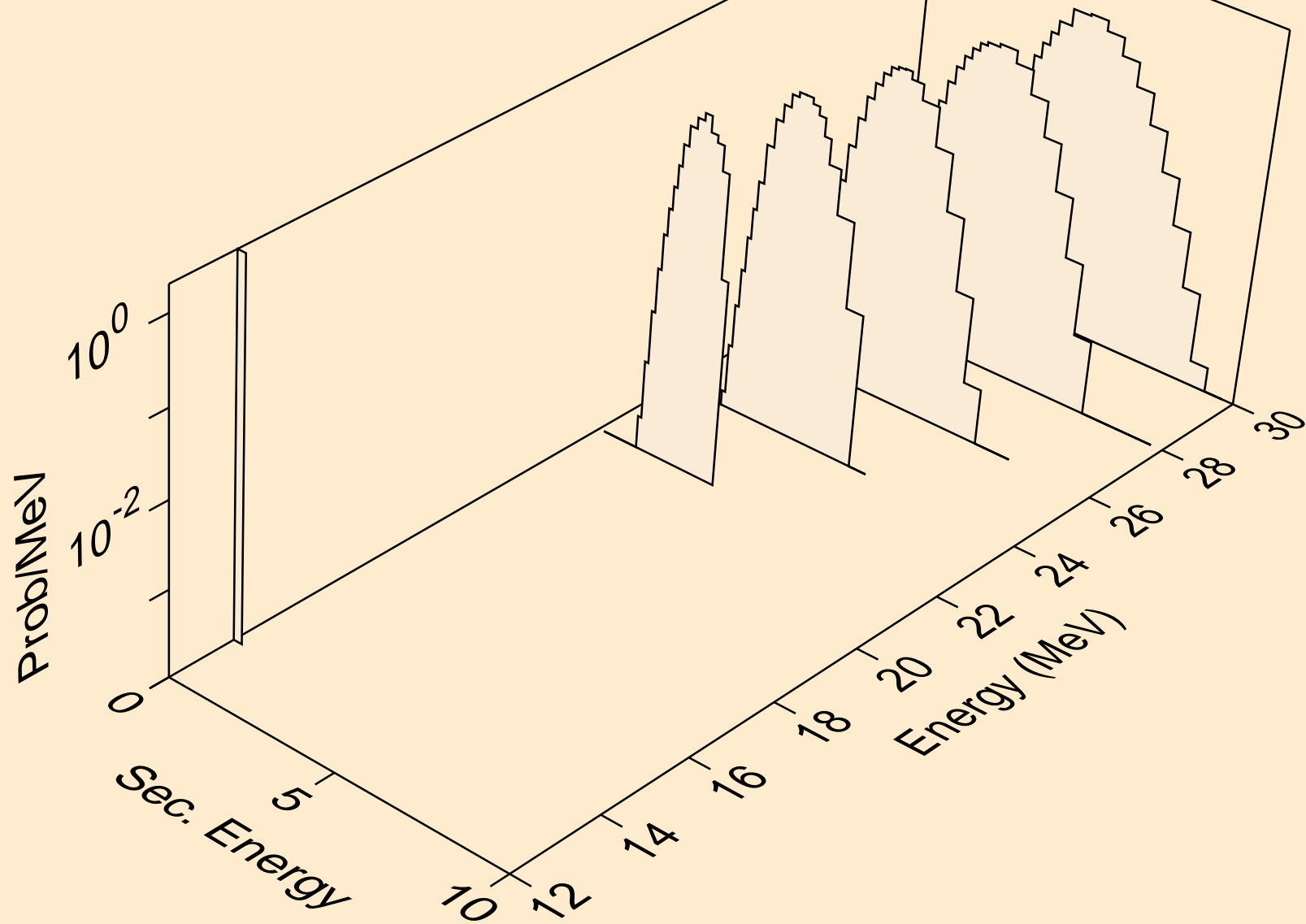
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
protons from (a,2np)



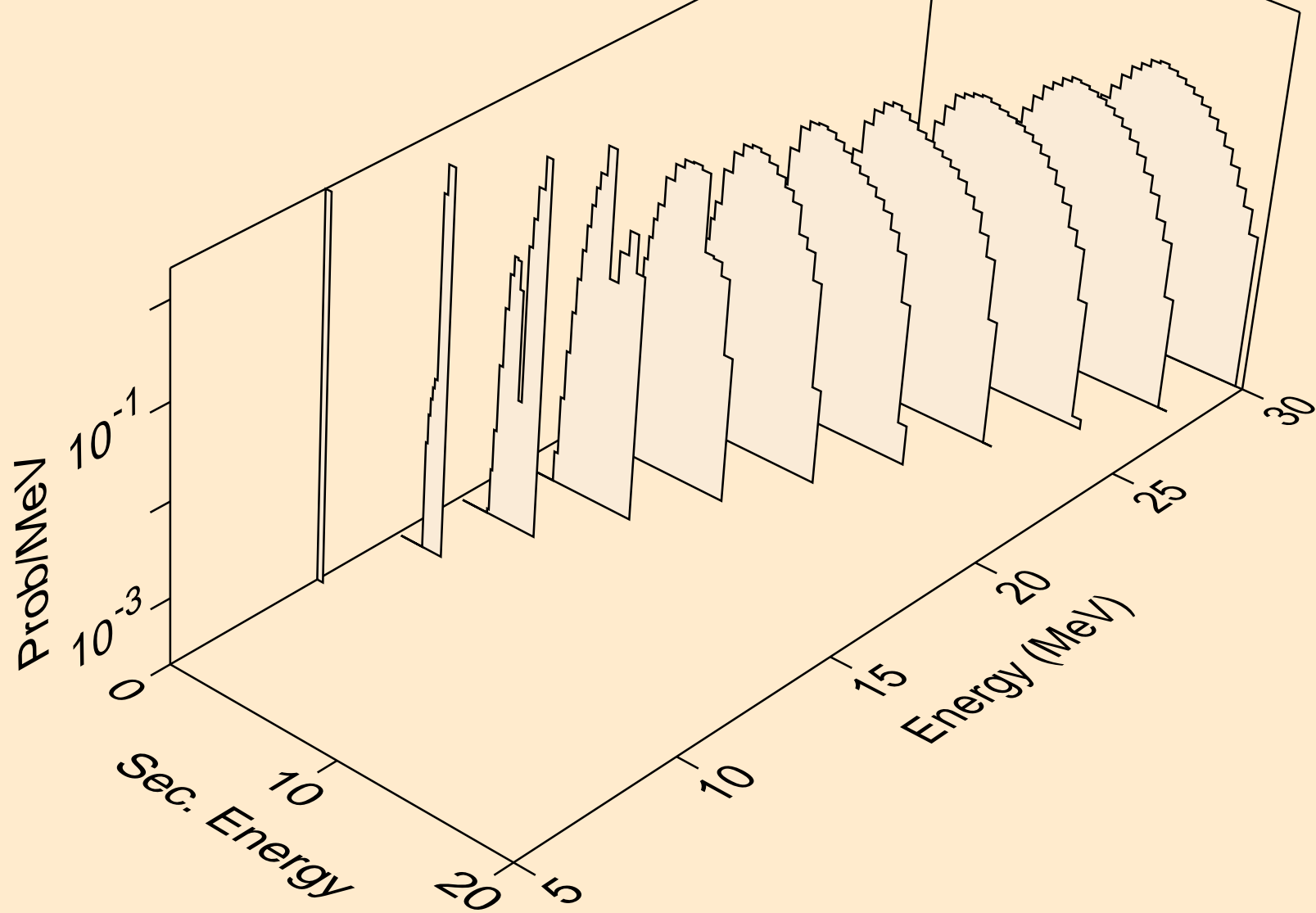
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
protons from (a,n2p)



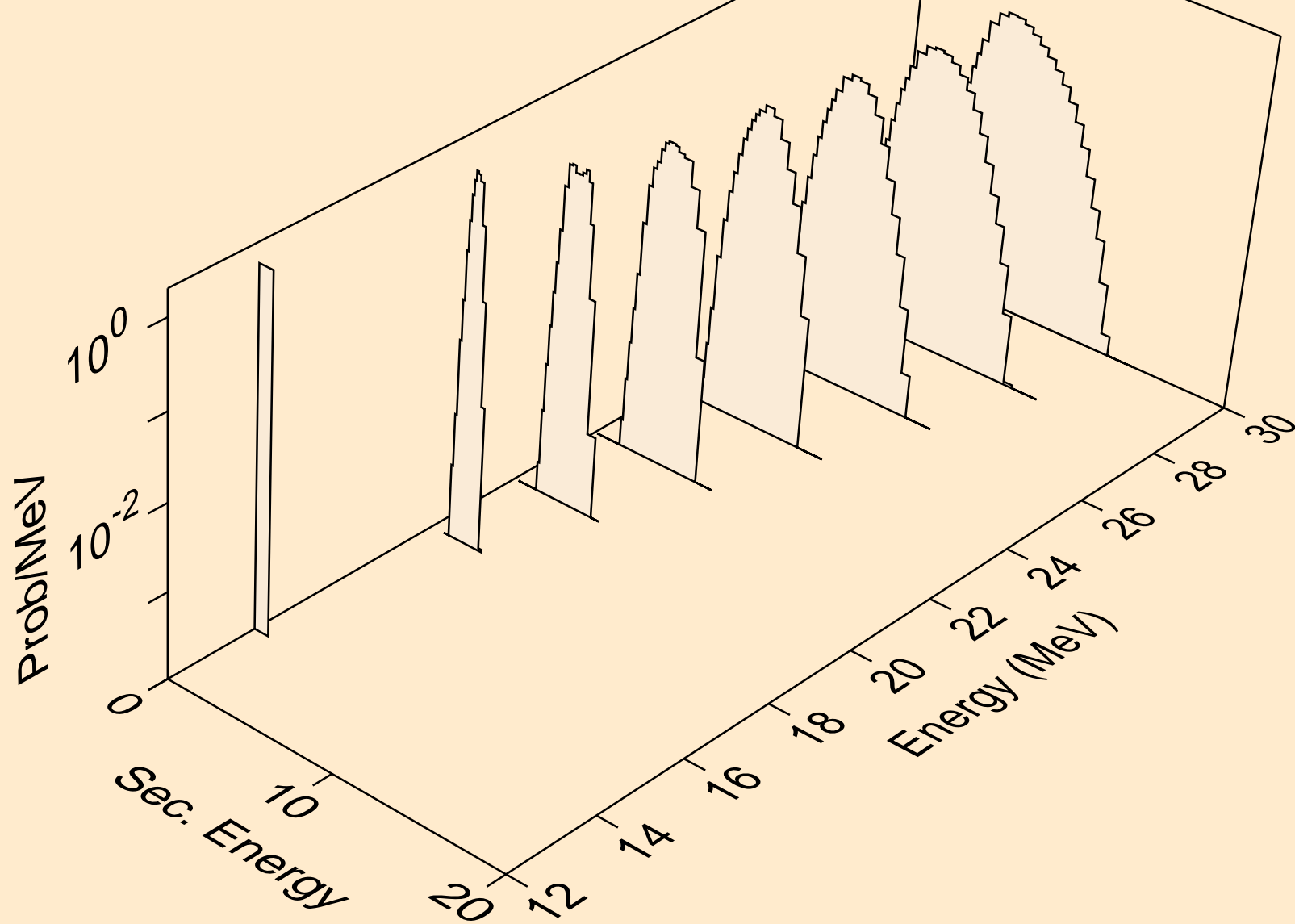
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
protons from (a,npa)



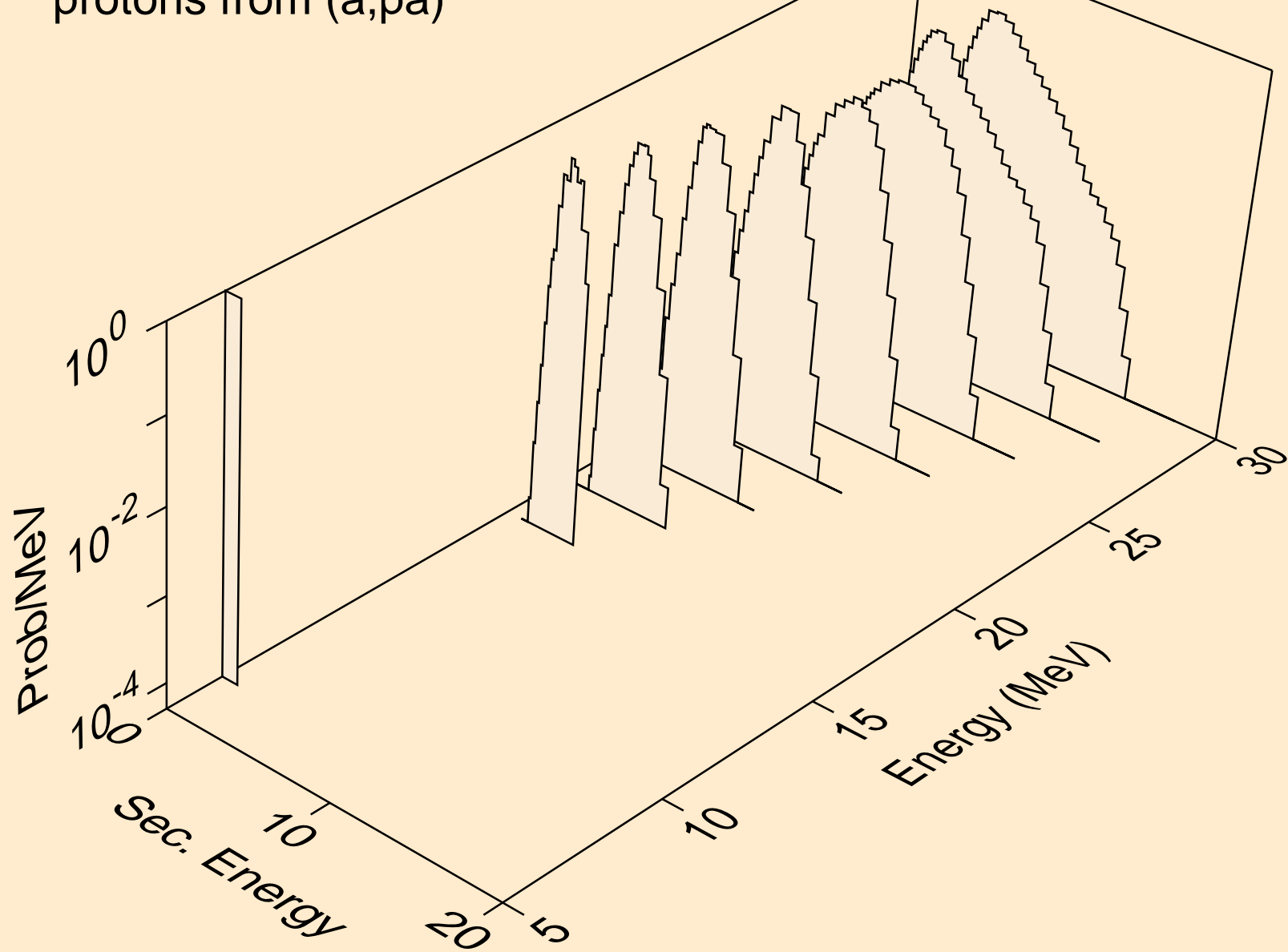
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
protons from (a,p)



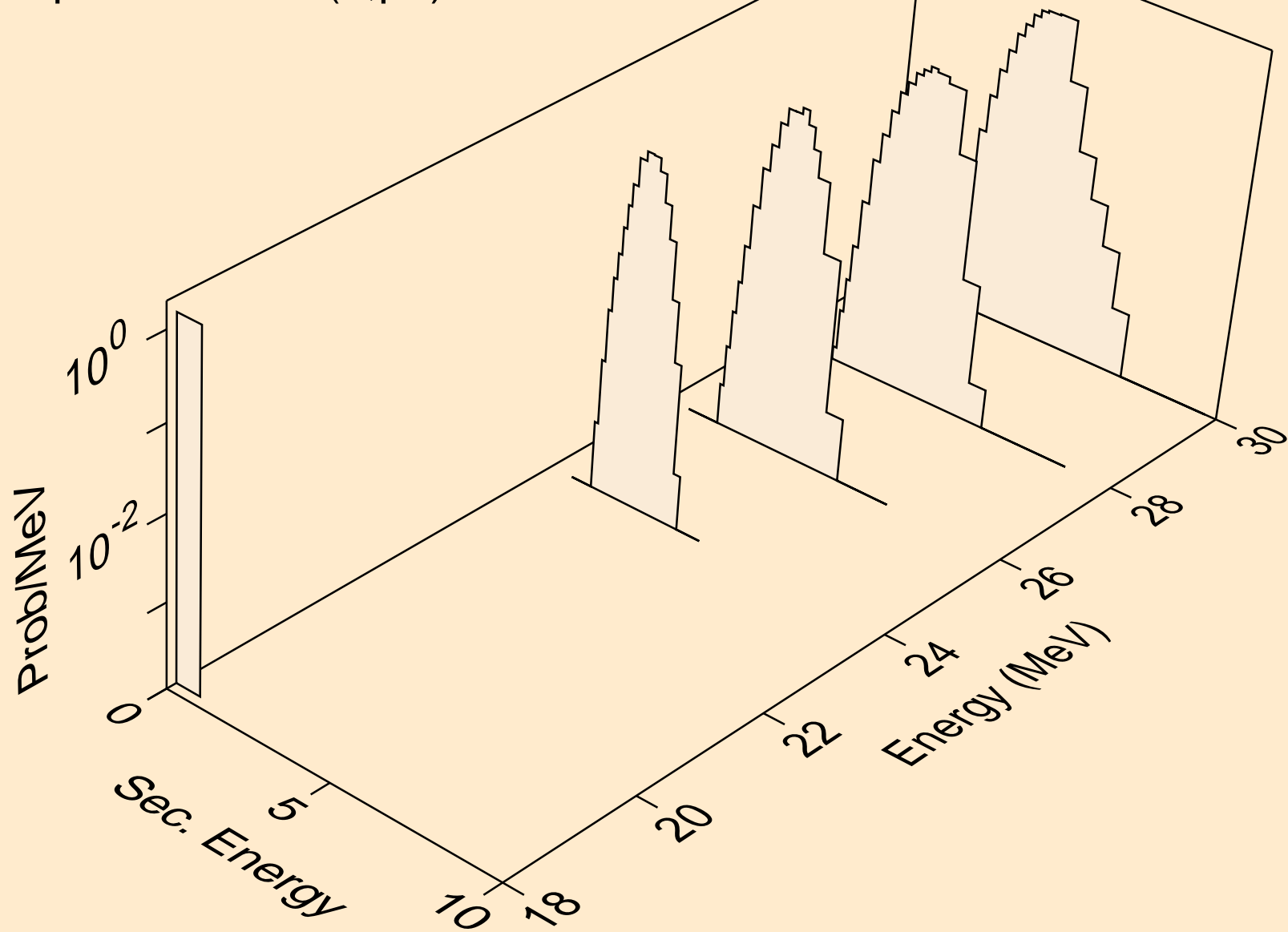
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
protons from (a,2p)



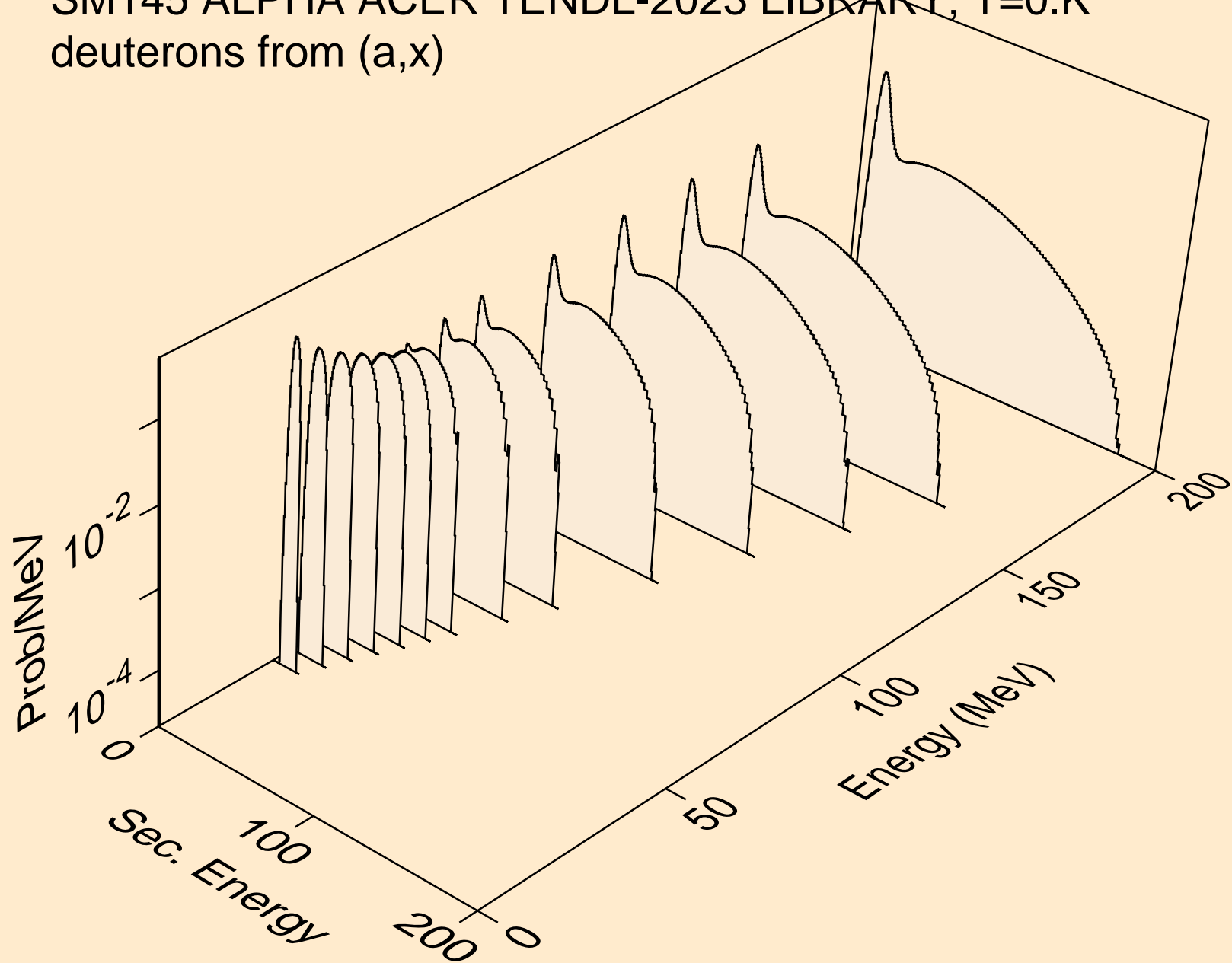
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
protons from (a,pa)



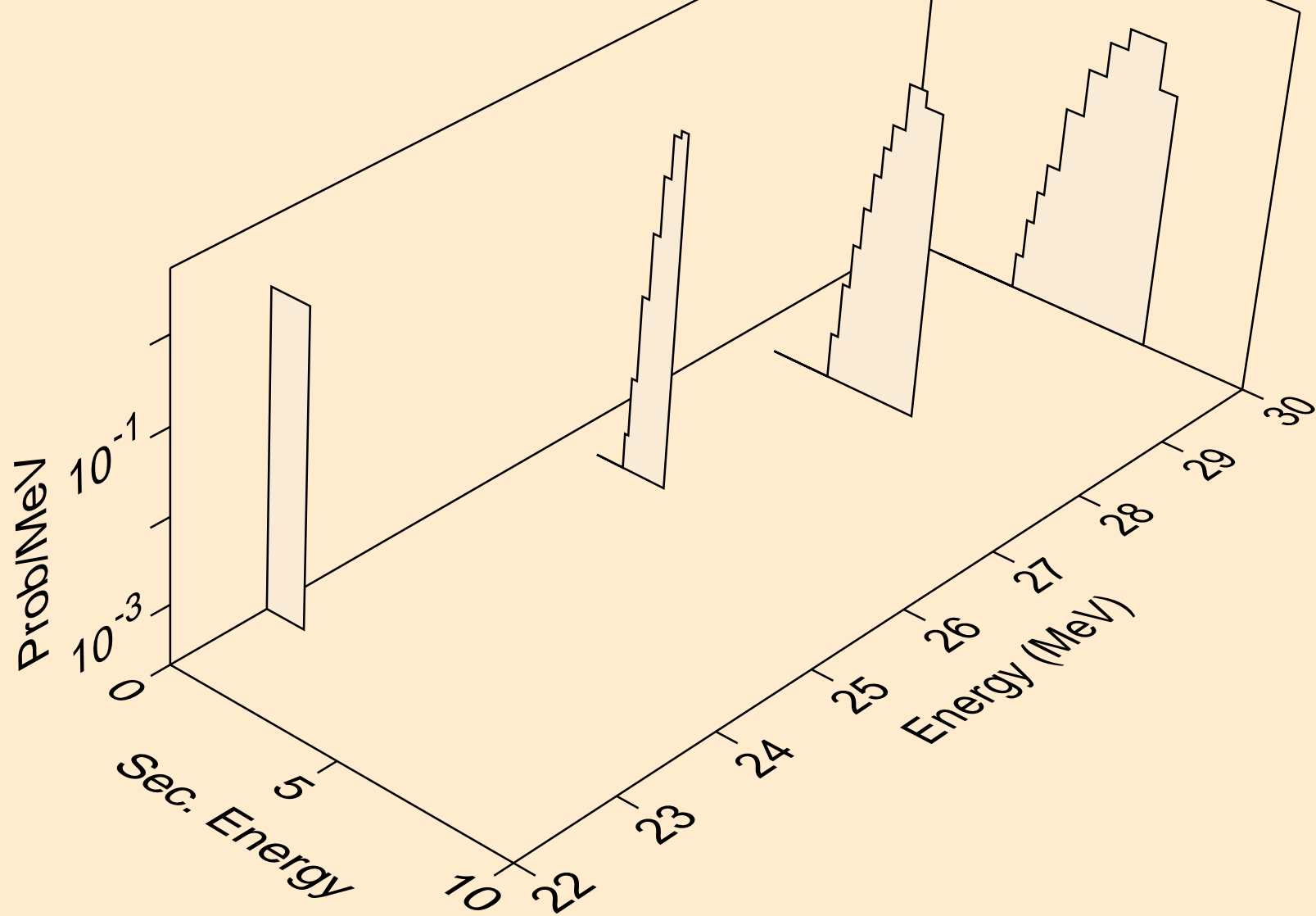
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
protons from (a,pd)



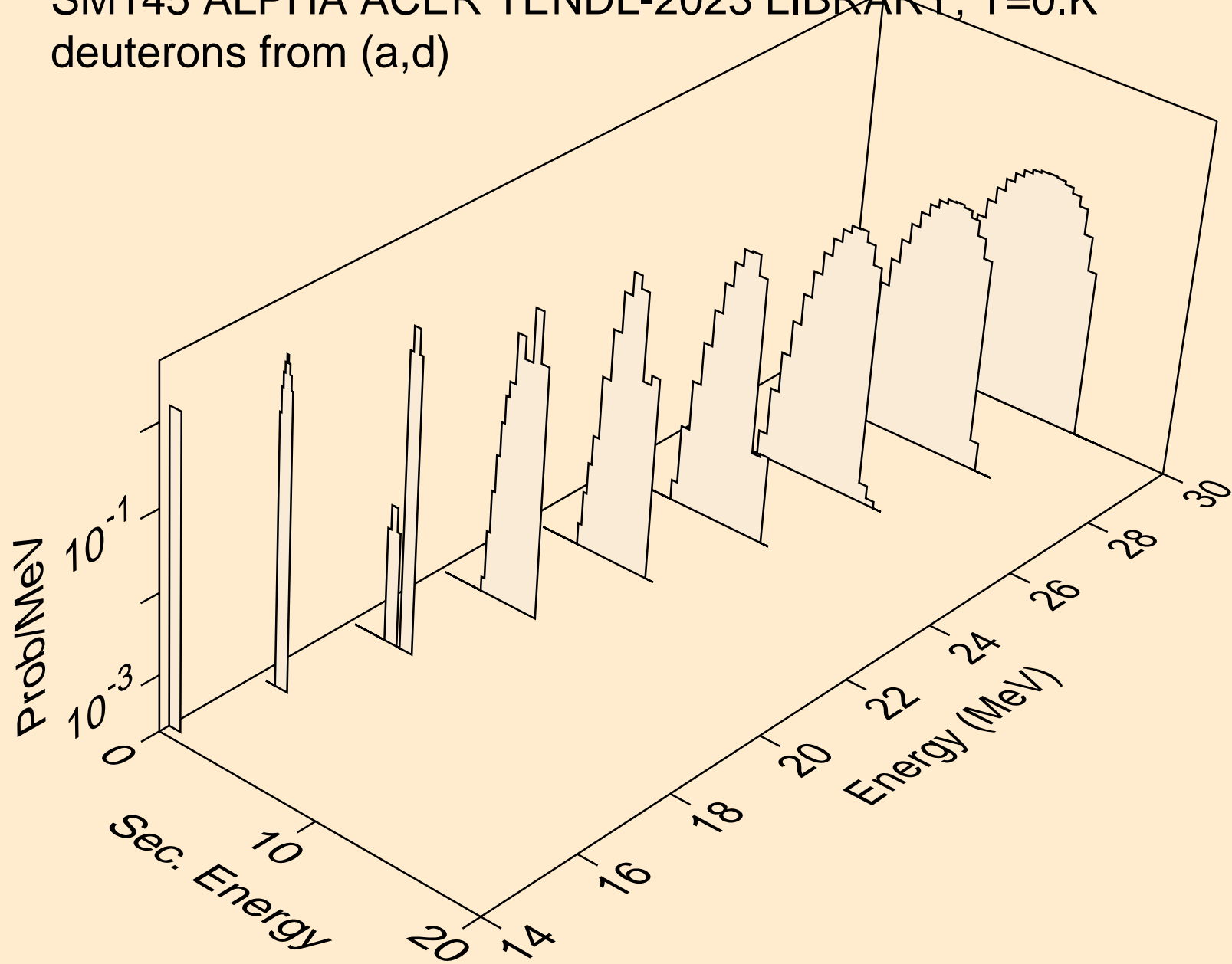
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (a,x)



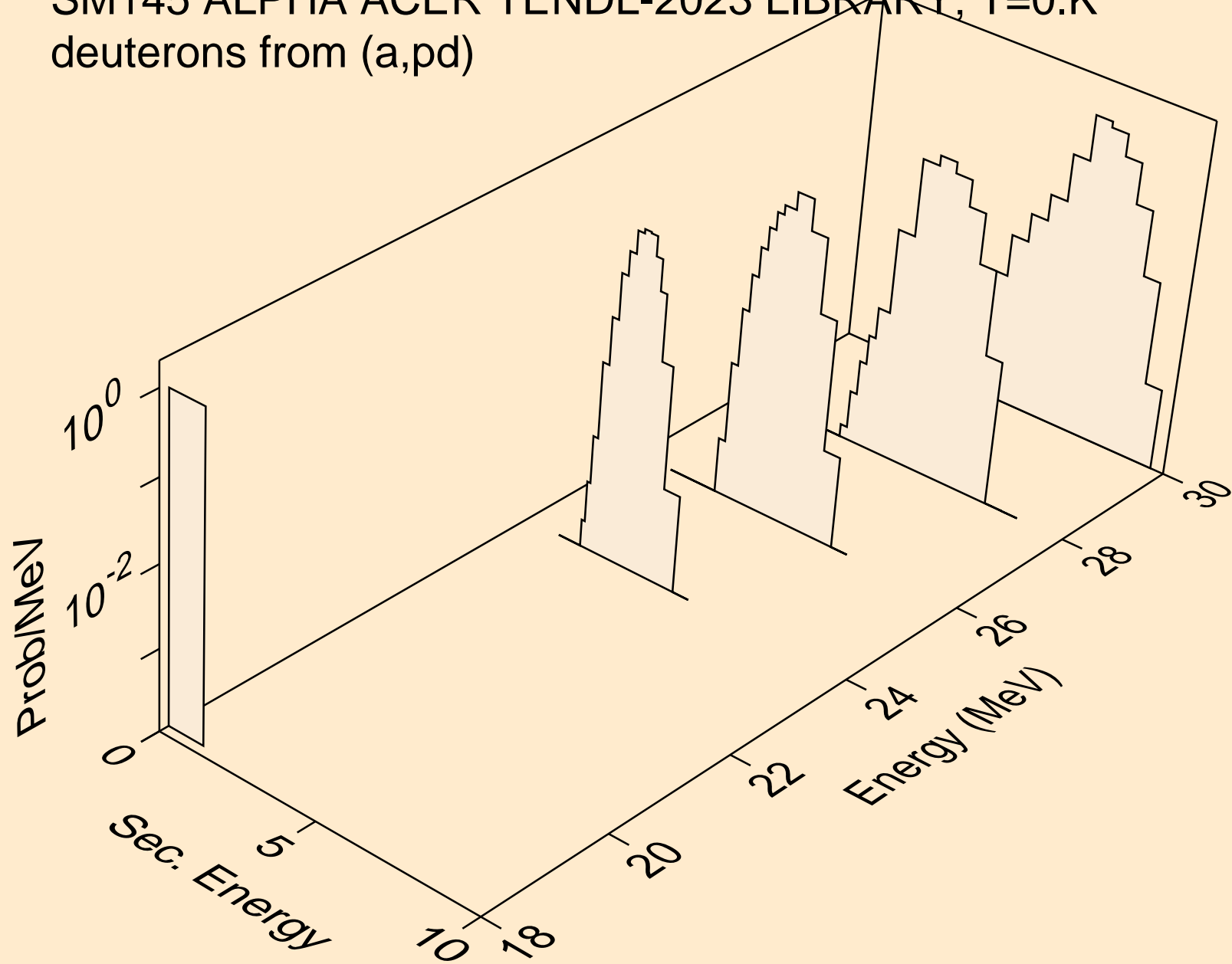
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (a,n*)d



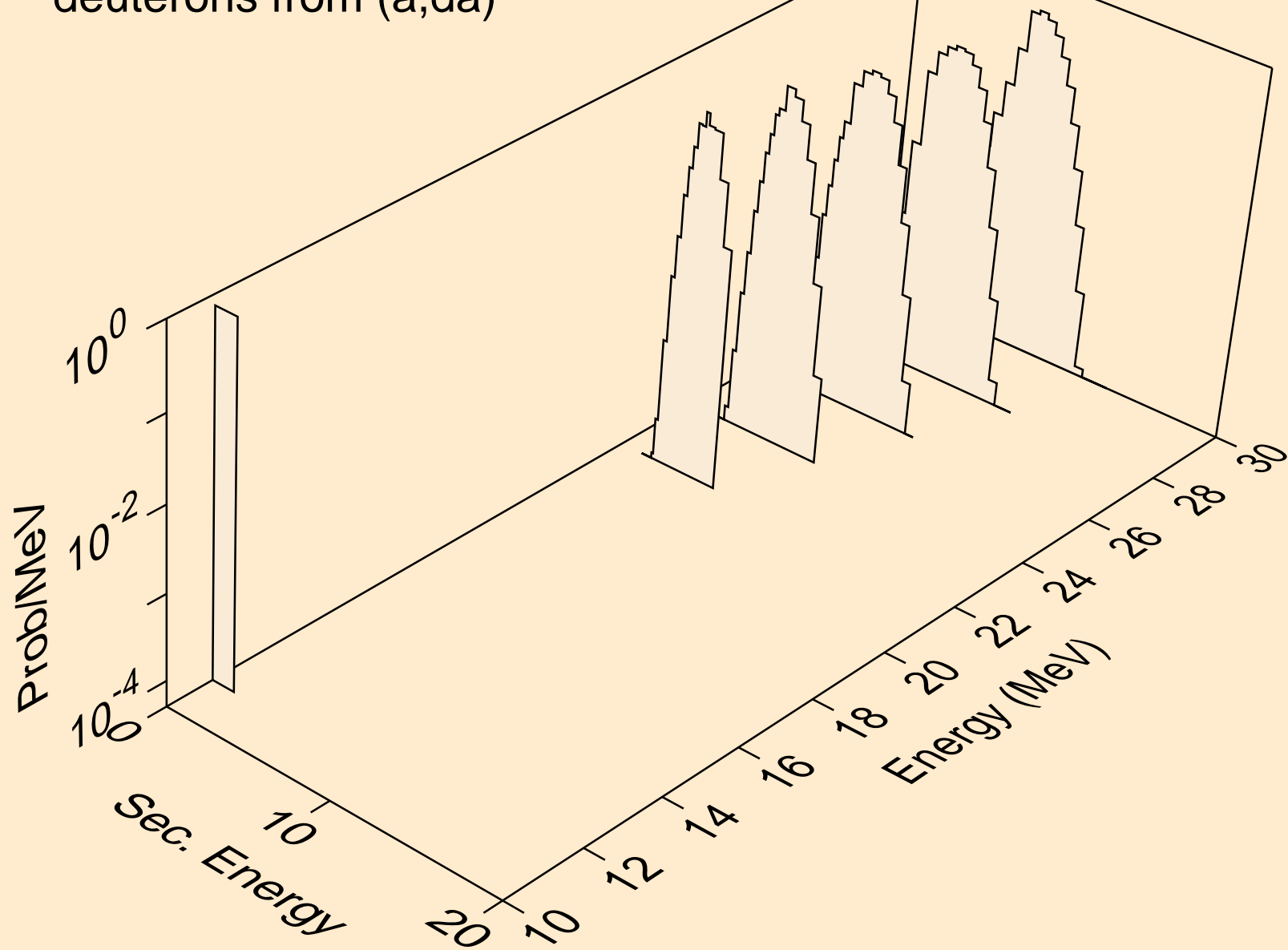
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (a,d)



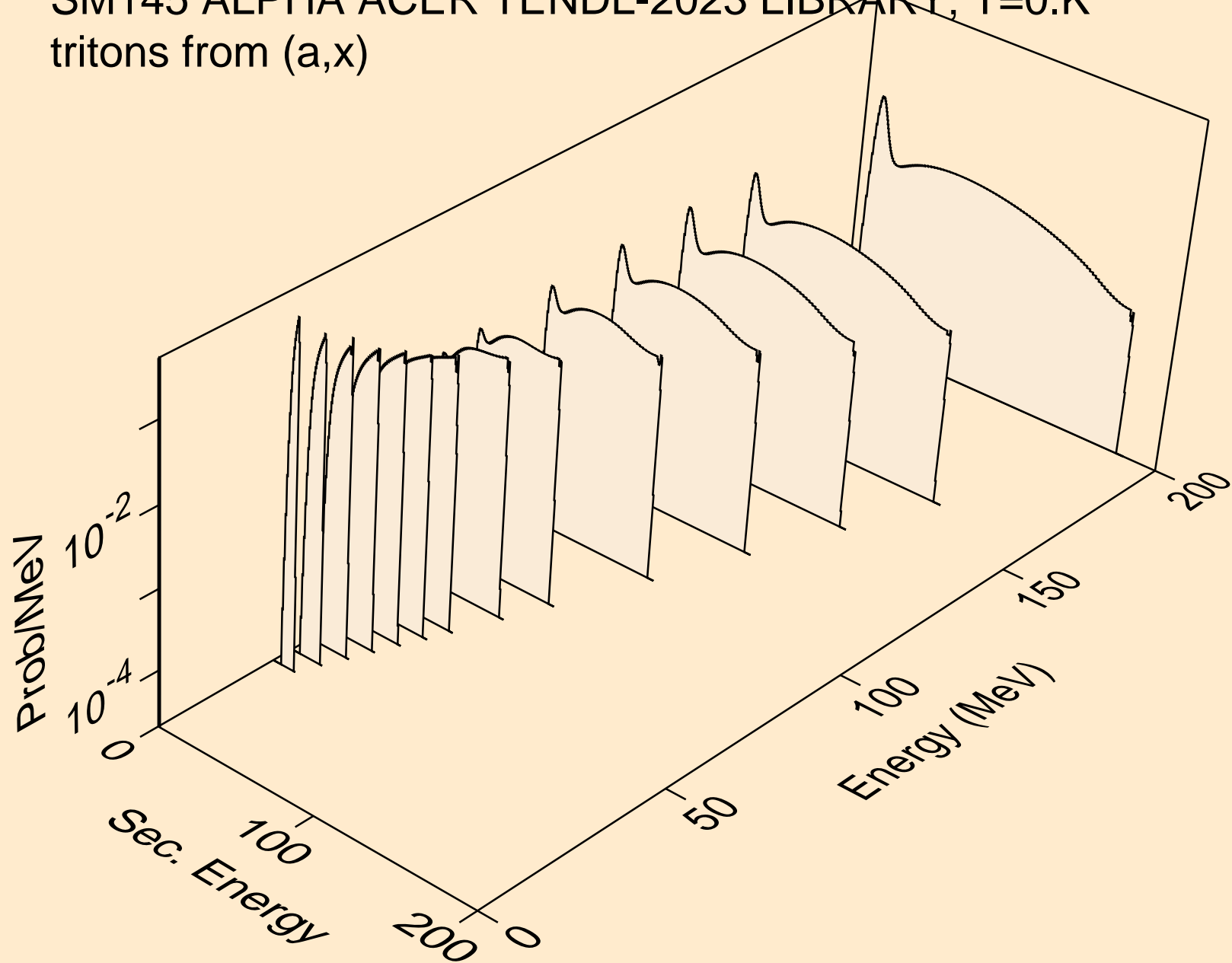
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (a,pd)



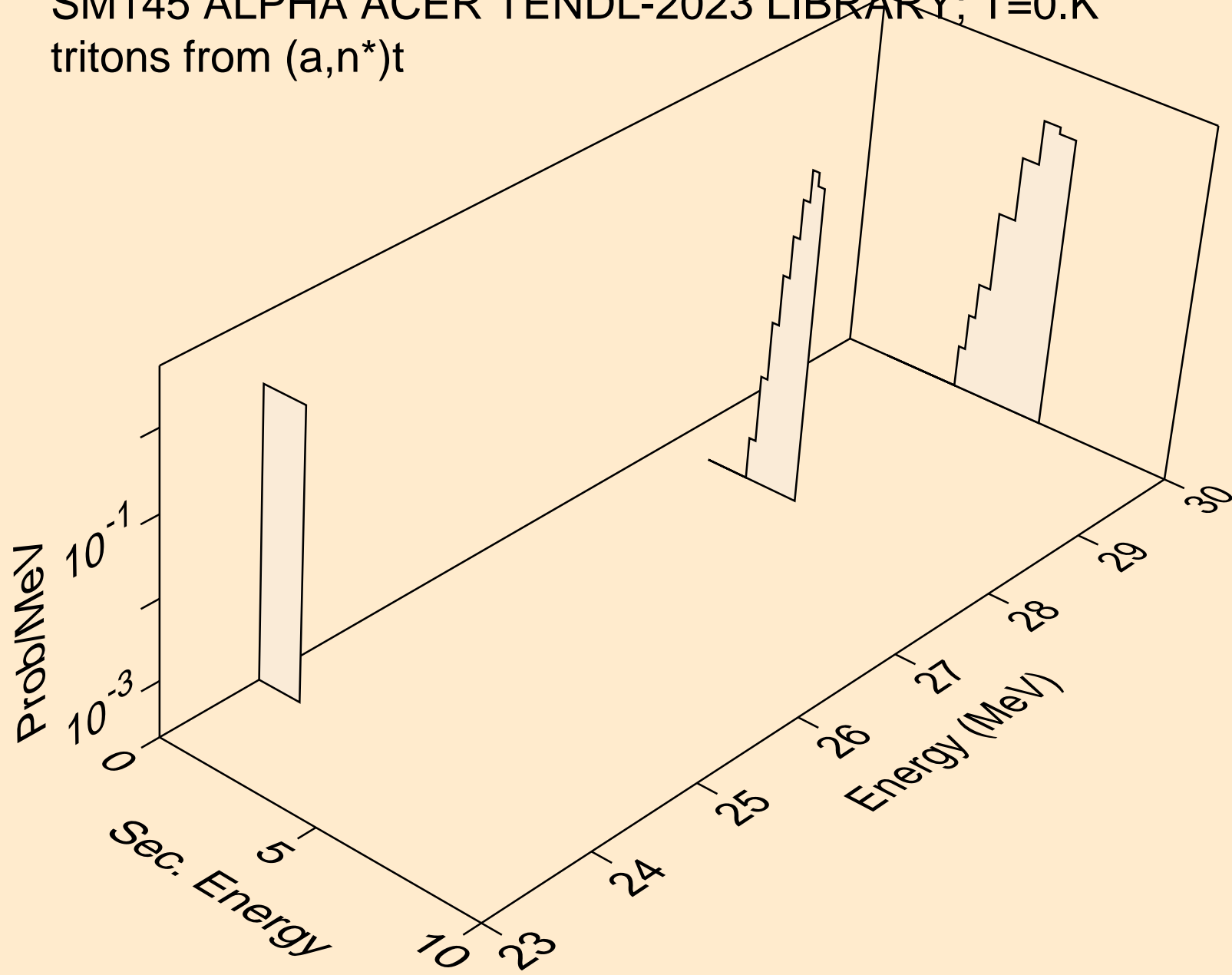
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (a,da)



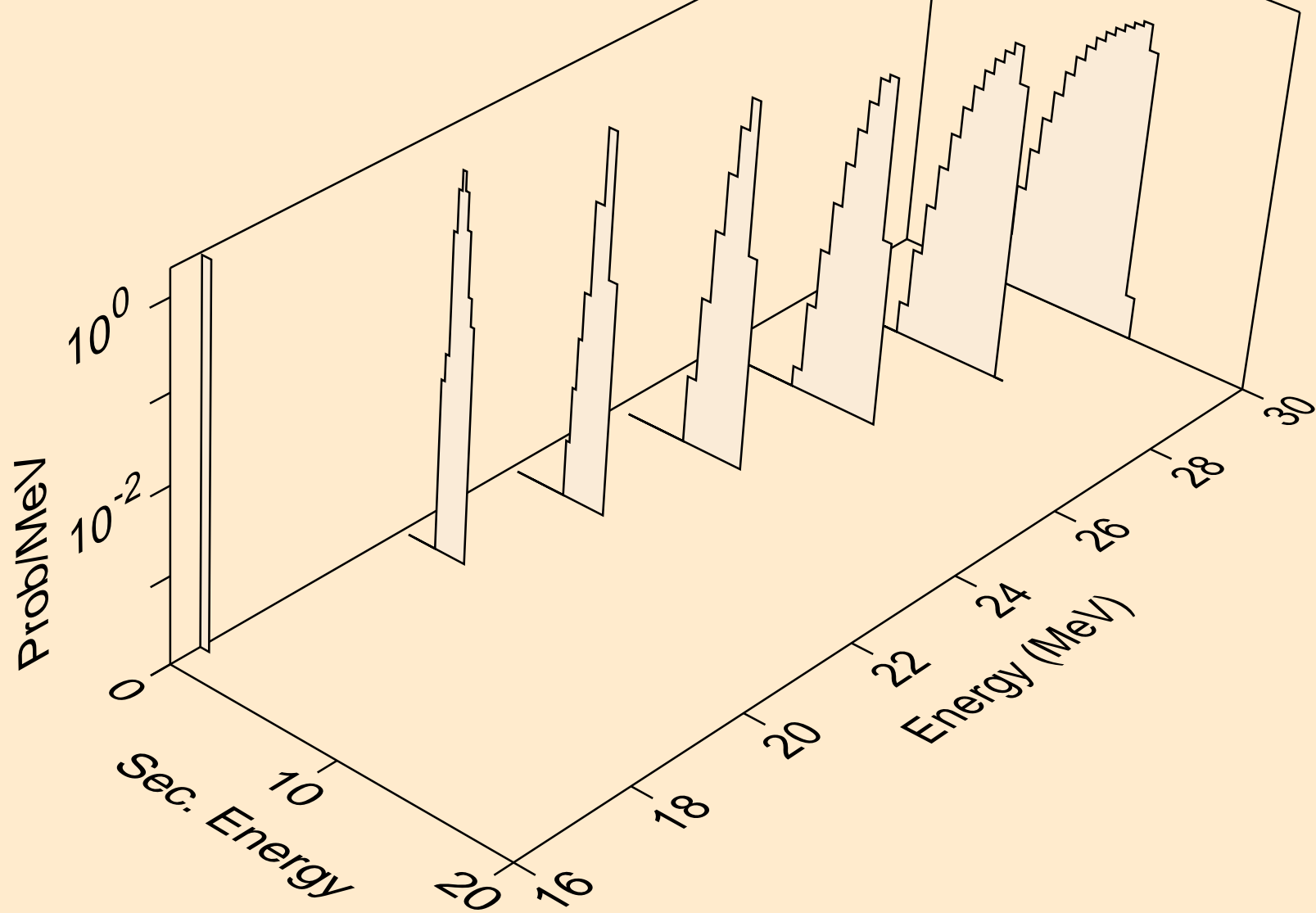
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
tritons from (a,x)



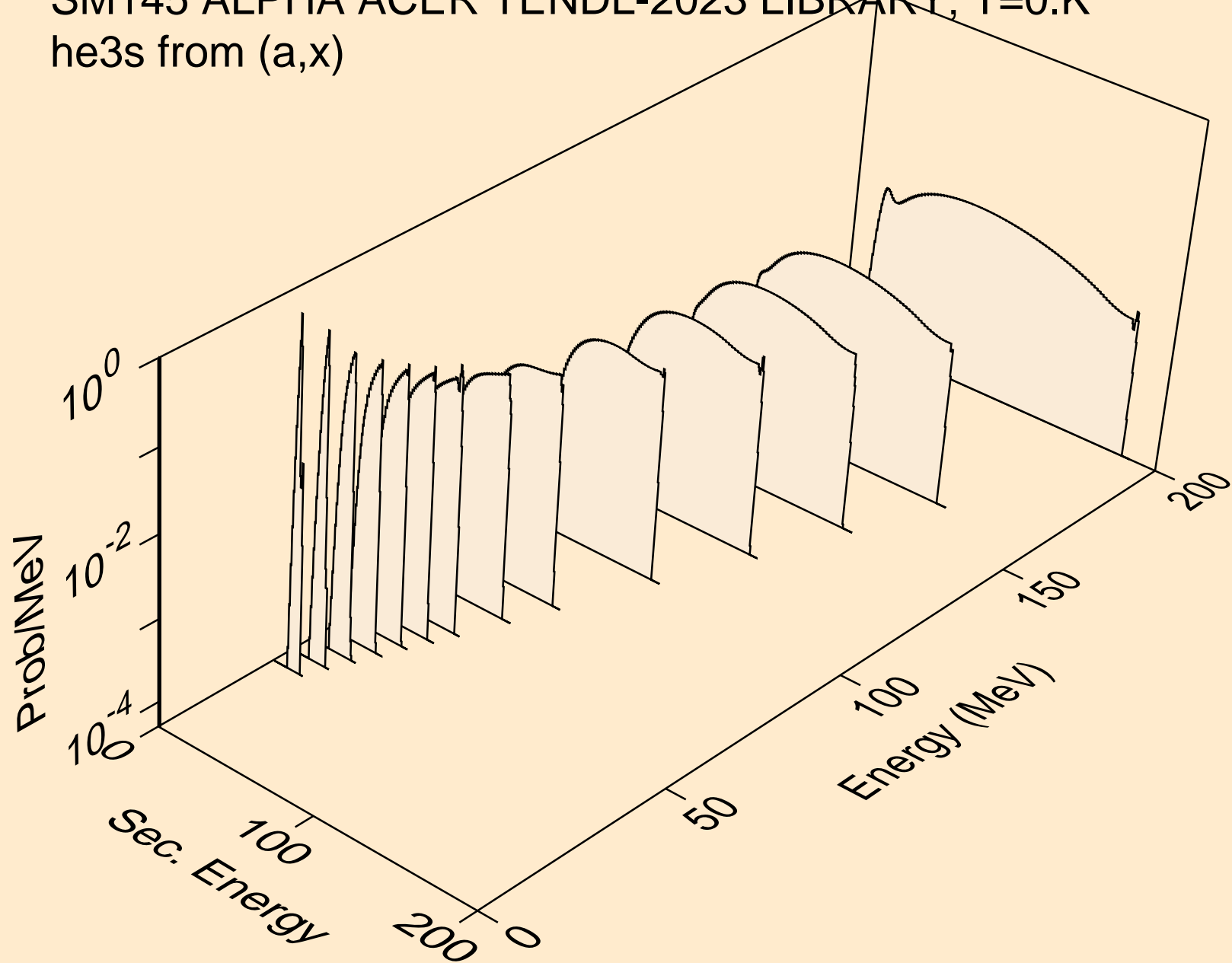
SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
tritons from (a,n*)t



SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
tritons from (a,t)



SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
he3s from (a,x)



SM145 ALPHA ACER TENDL-2023 LIBRARY; T=0.K
he3s from (a,he3)

