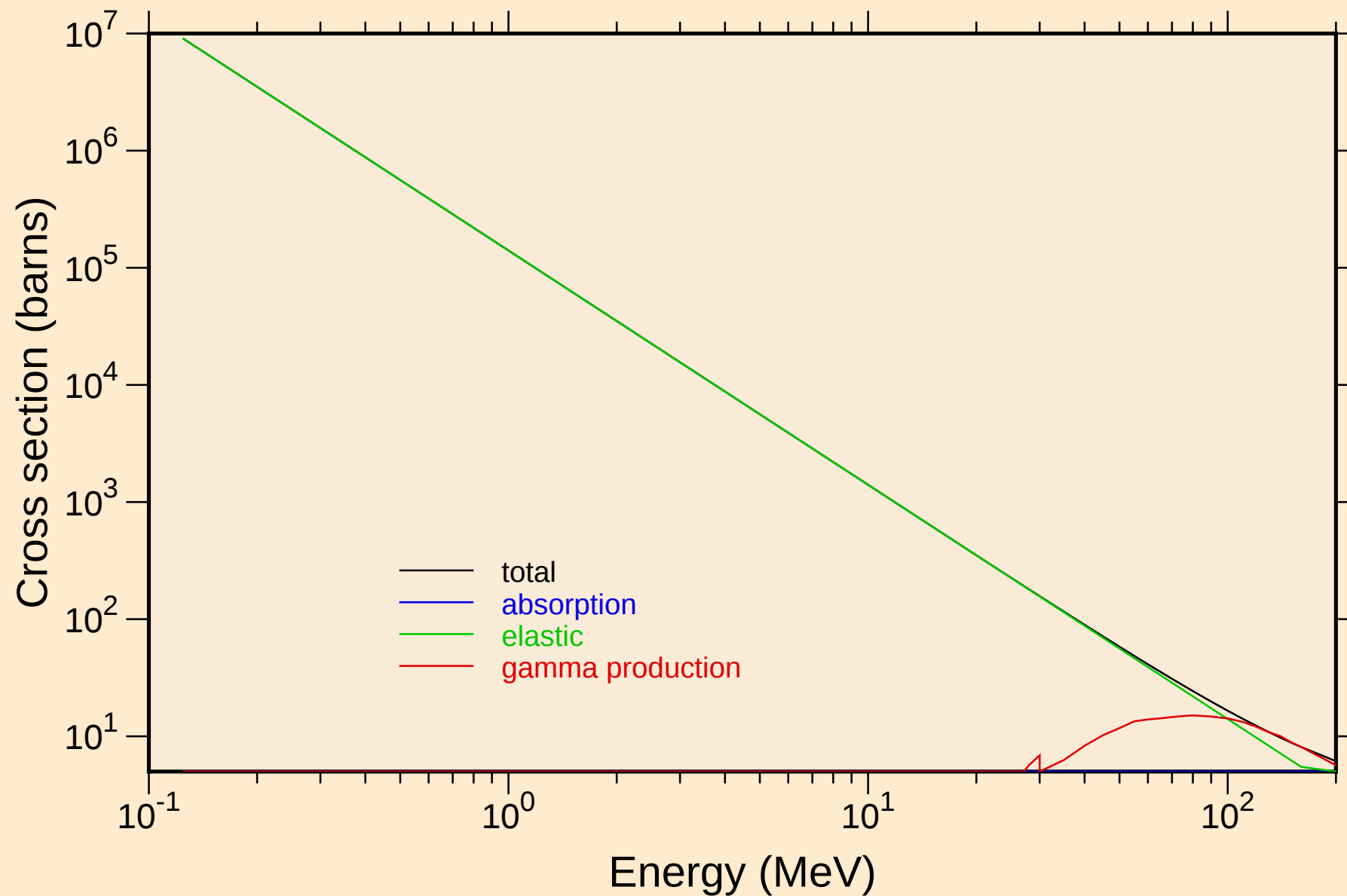


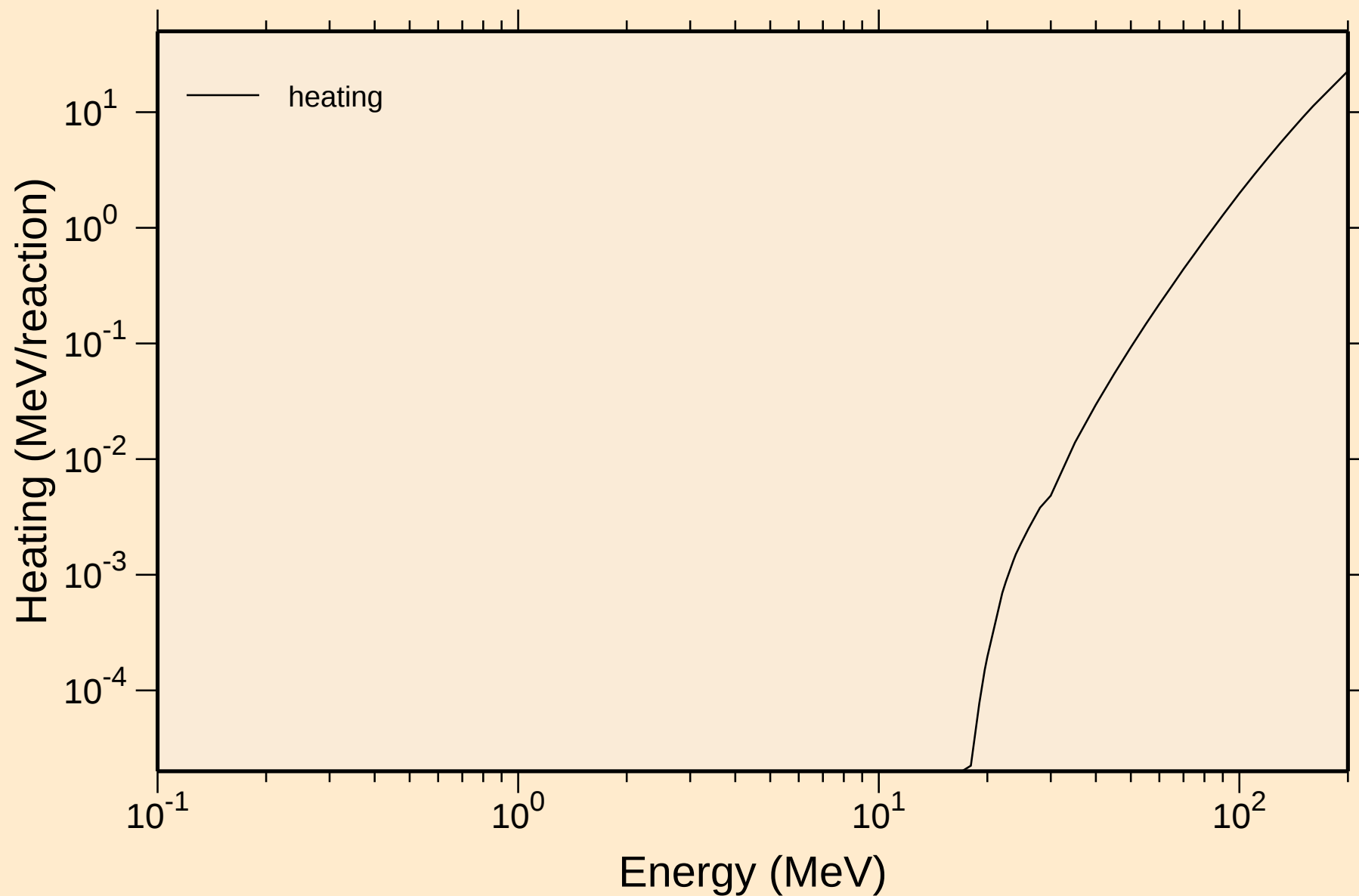
W179M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



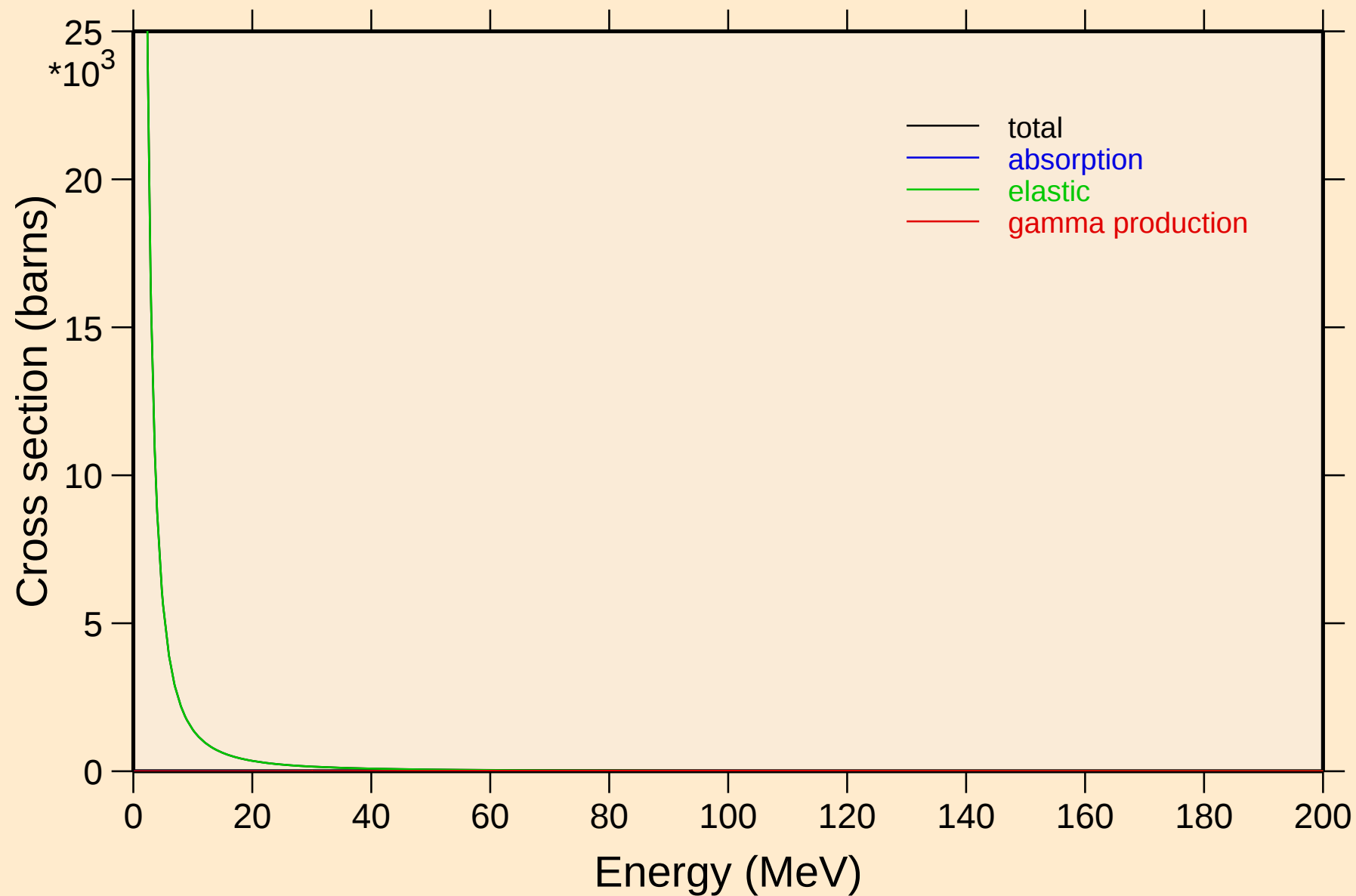
W179M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



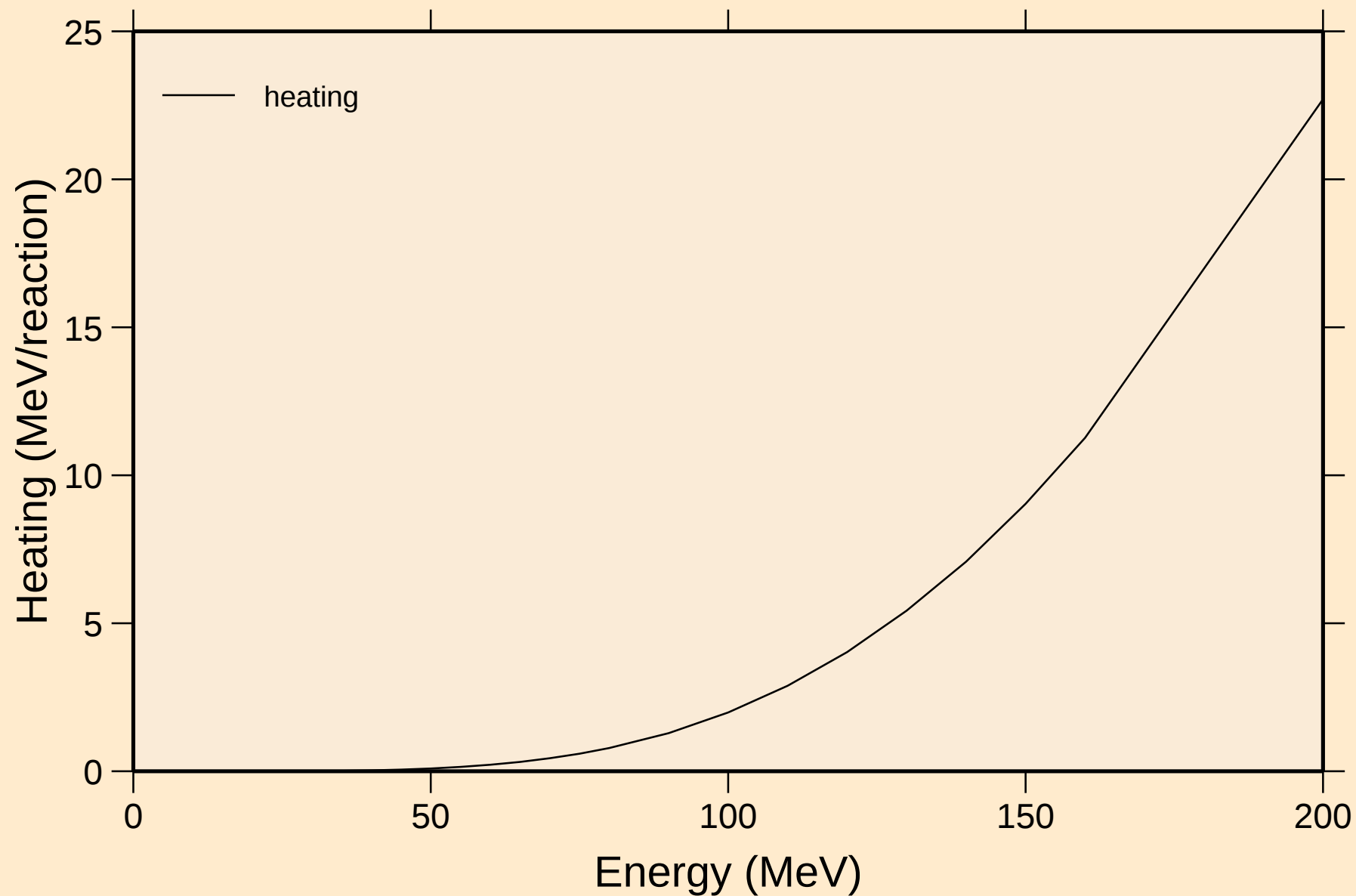
W179M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Principal cross sections



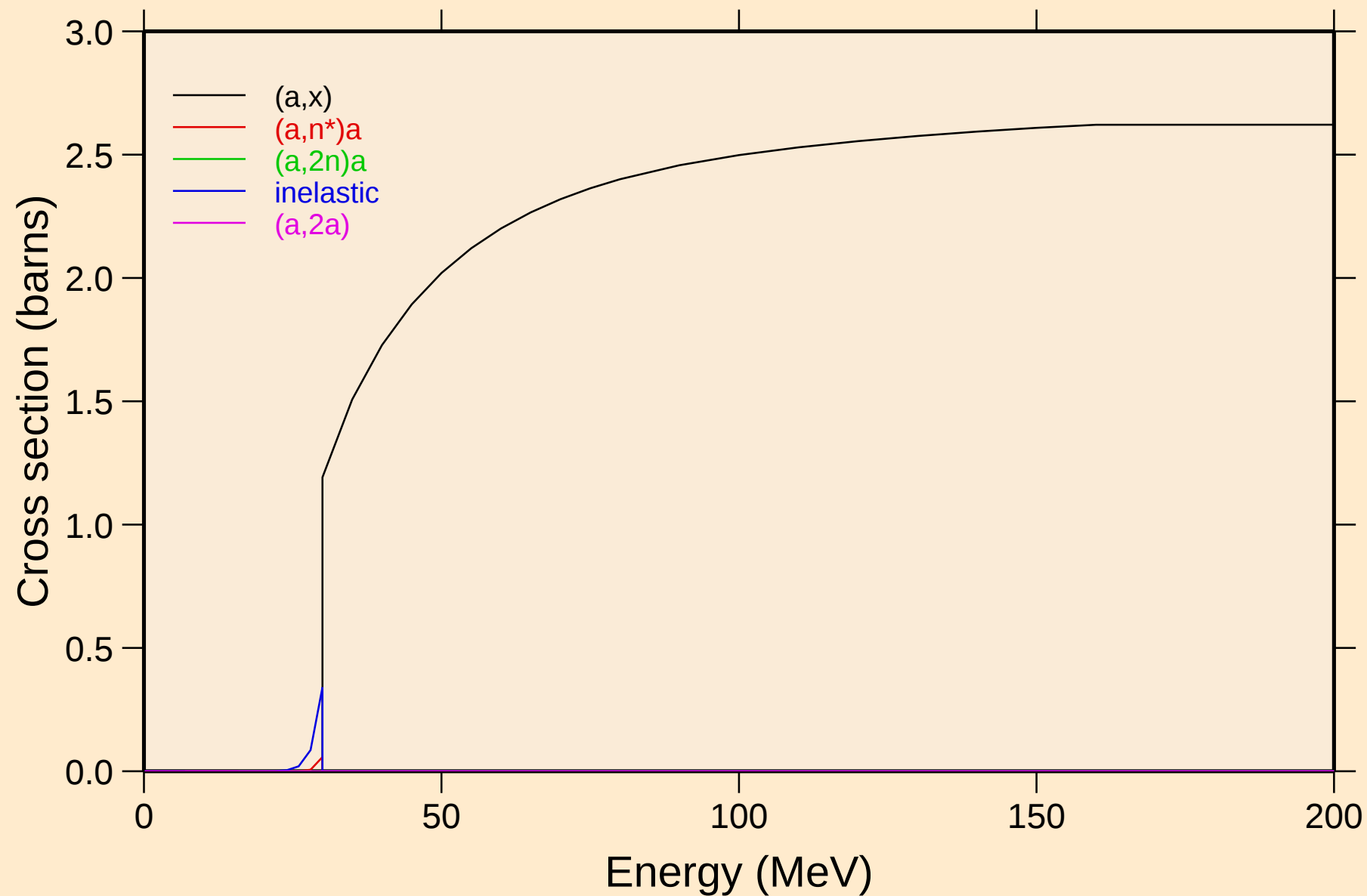
W179M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Heating



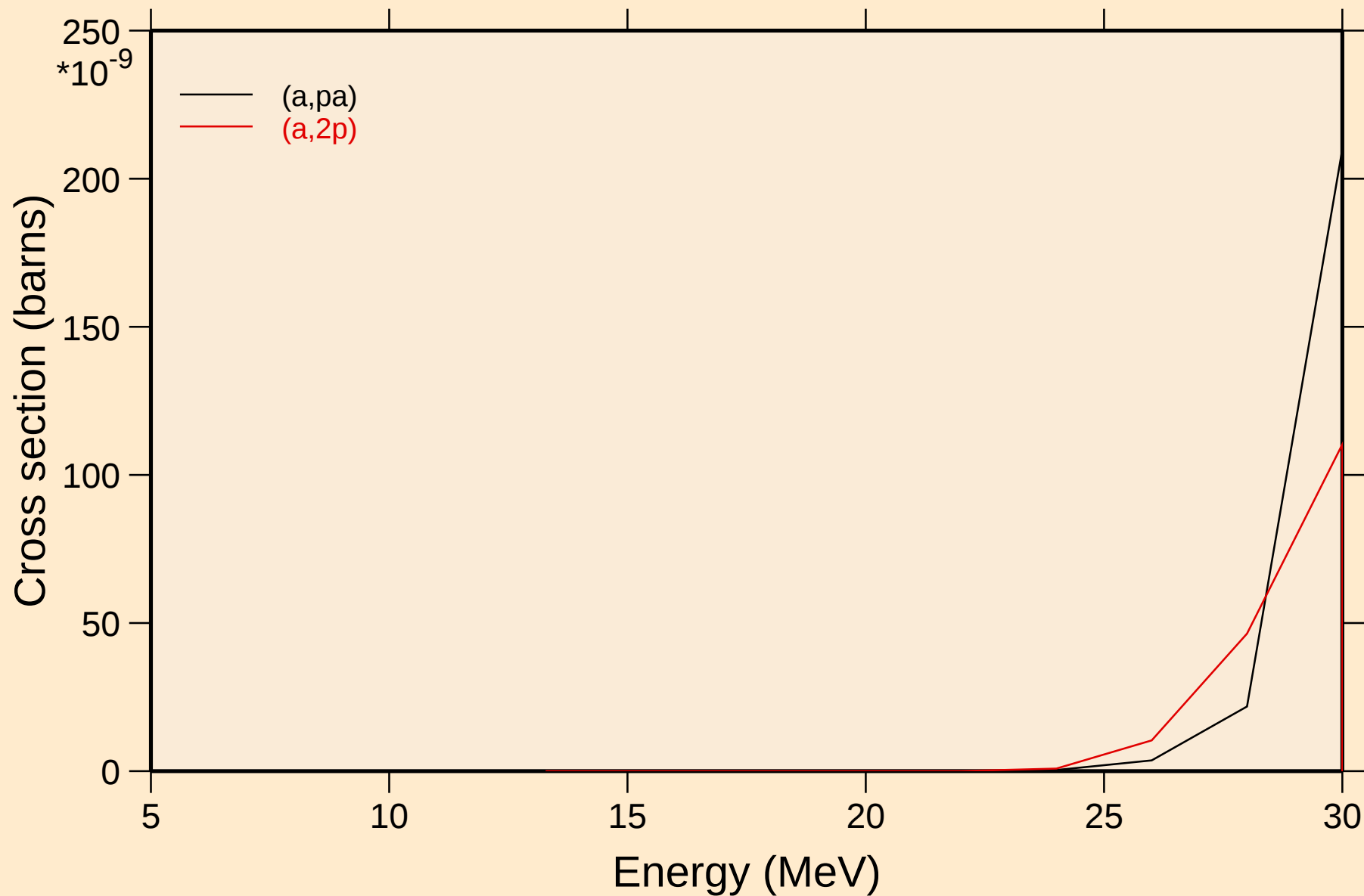
W179M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions



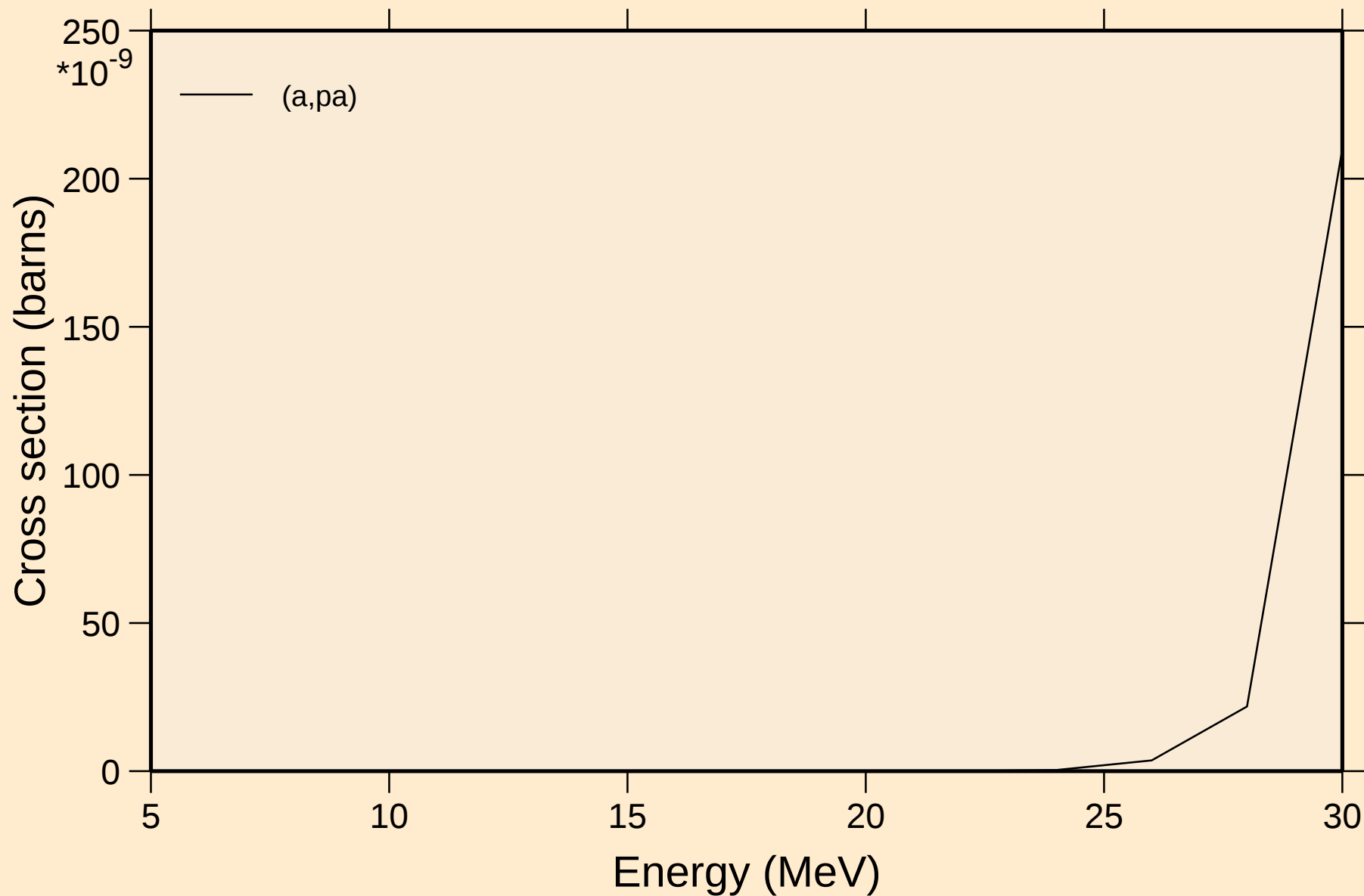
W179M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Threshold reactions

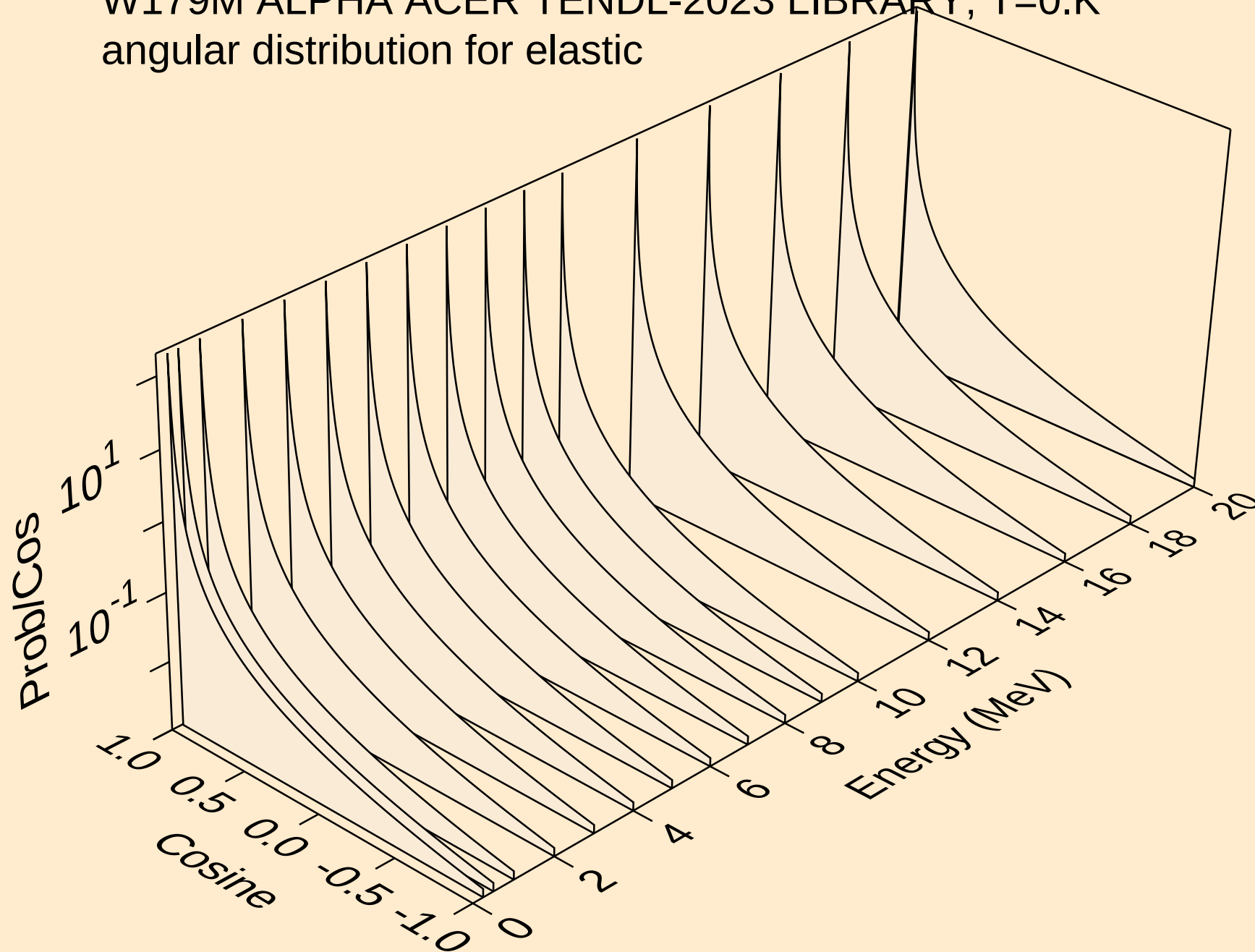


W179M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

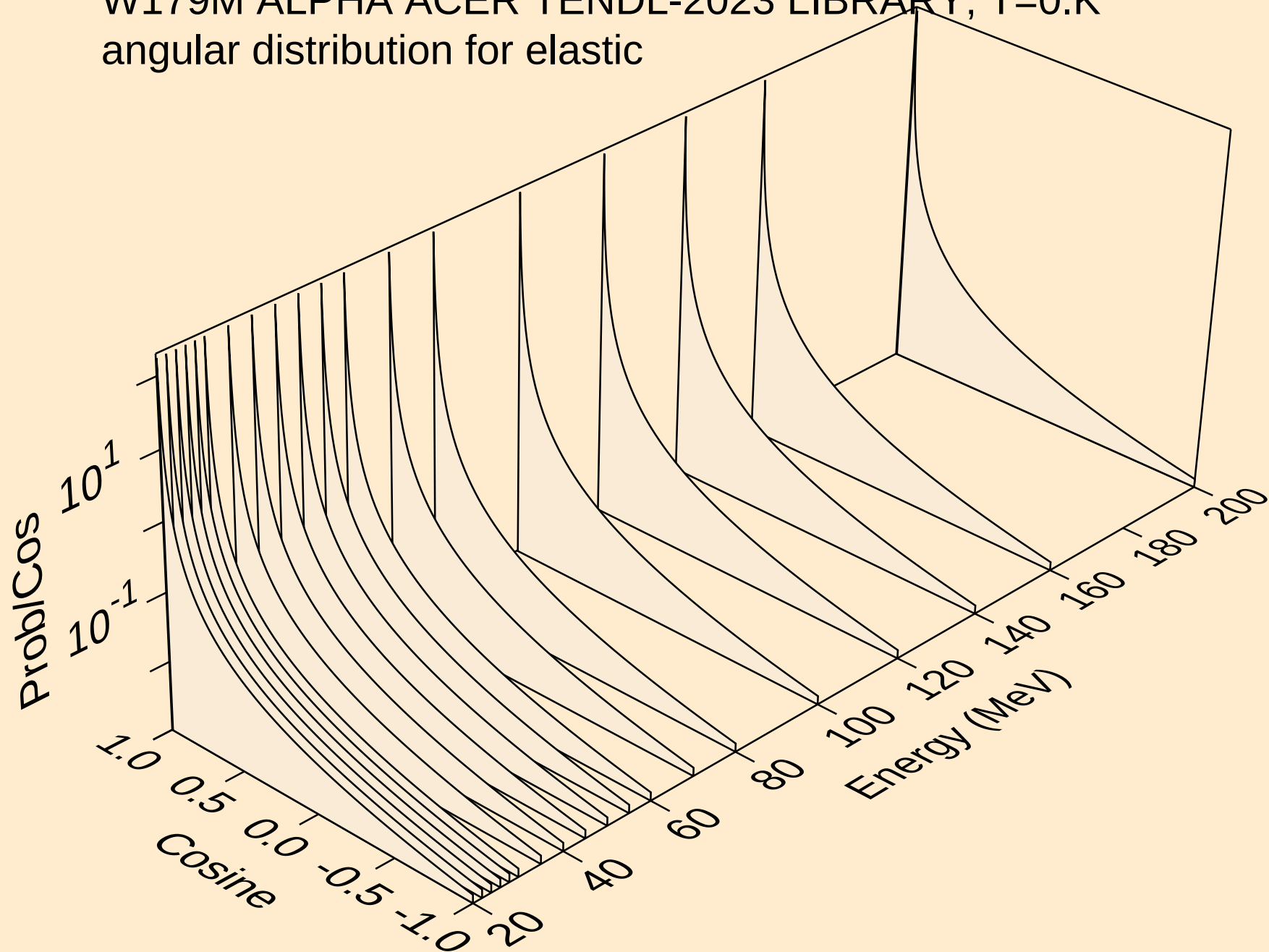
Threshold reactions



W179M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic

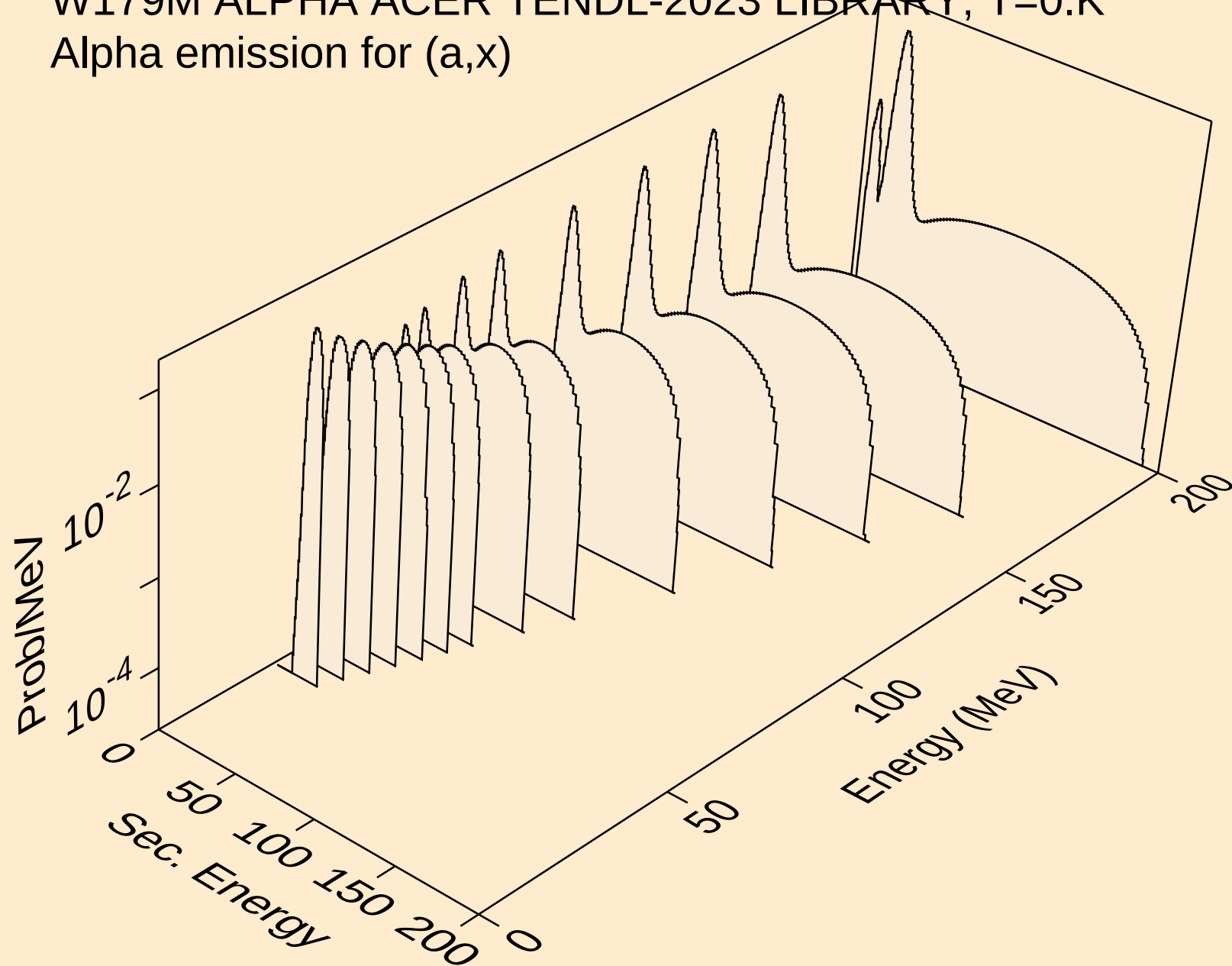


W179M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
angular distribution for elastic



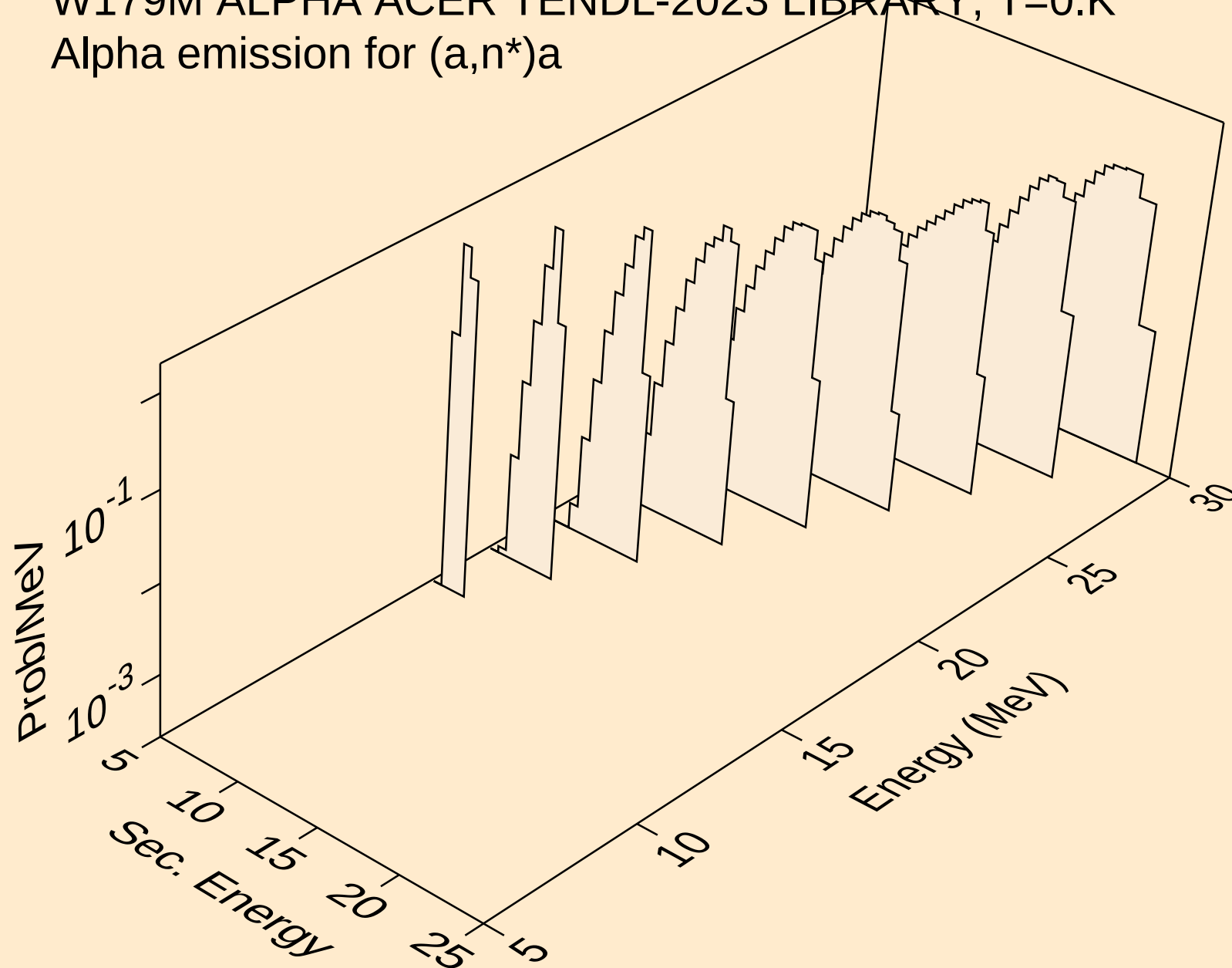
W179M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,x)



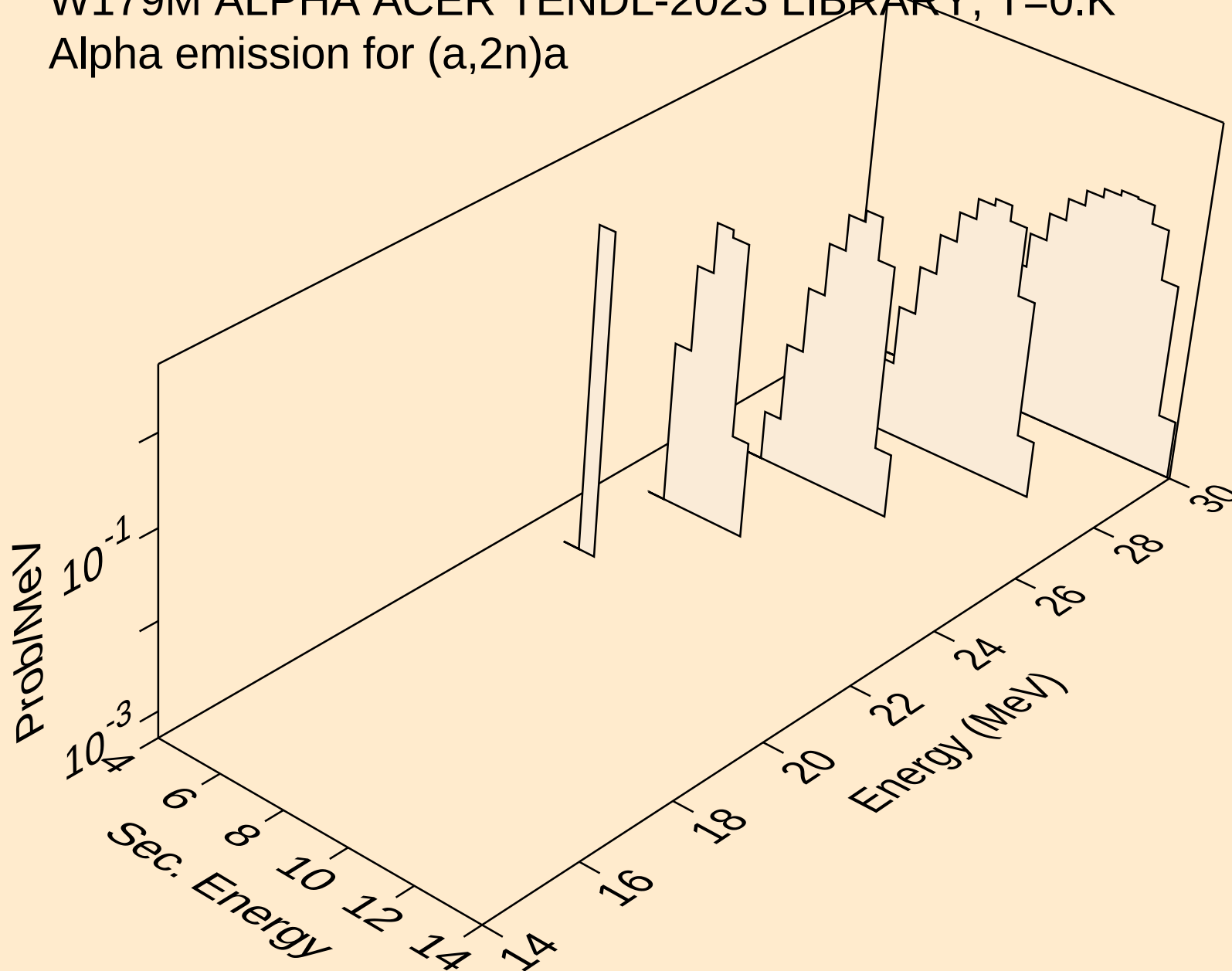
W179M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,n*)a



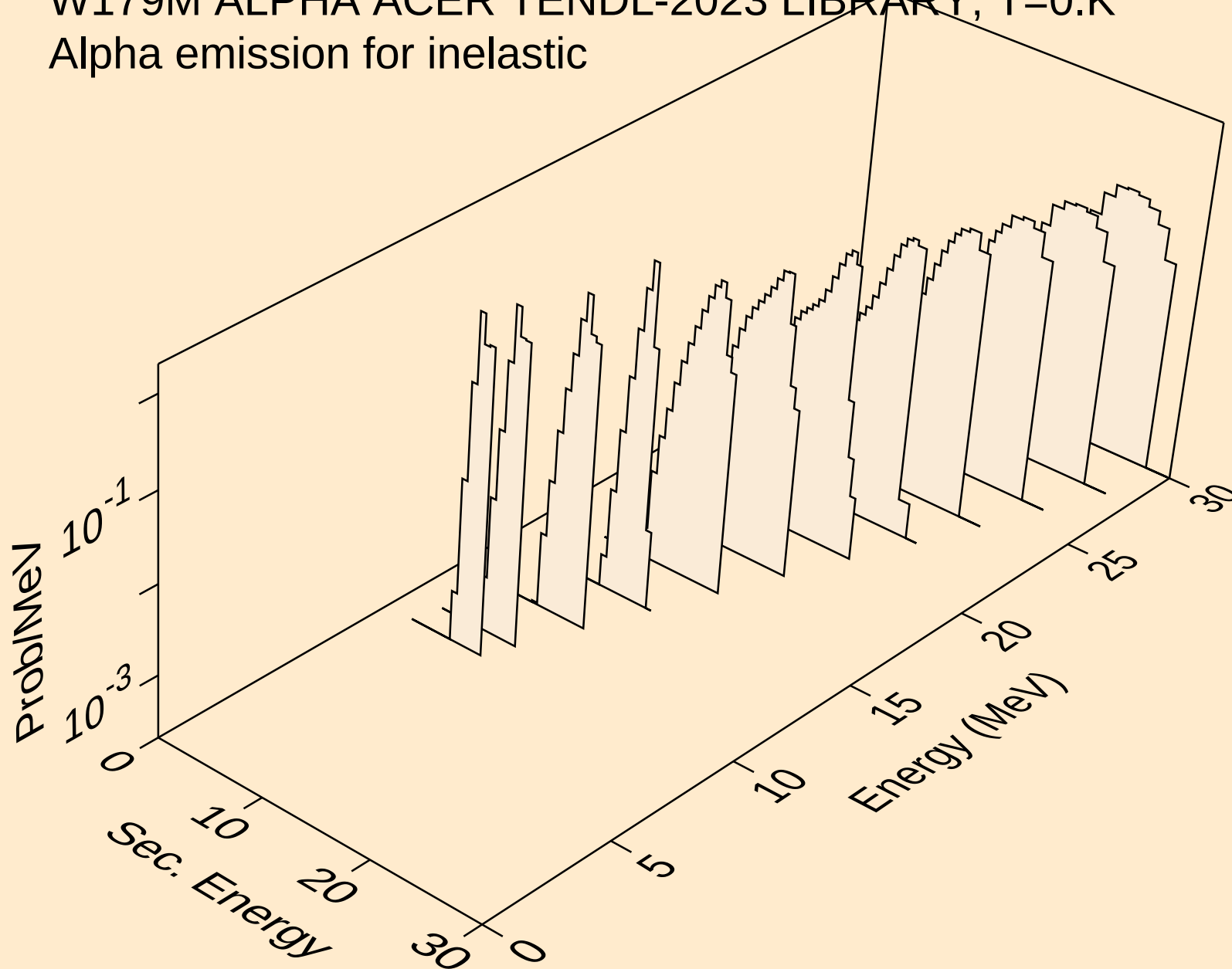
W179M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for (a,2n)a



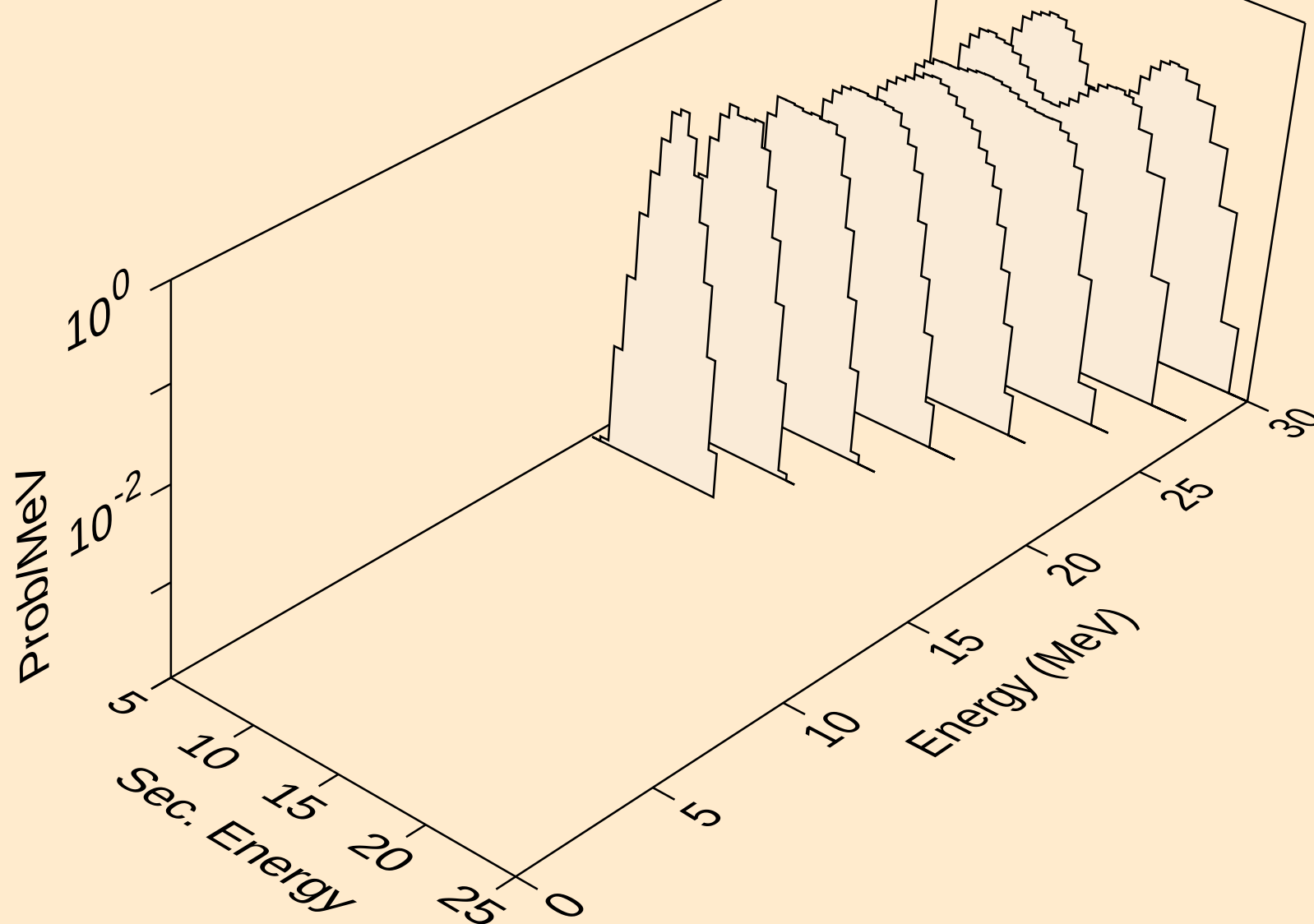
W179M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Alpha emission for inelastic

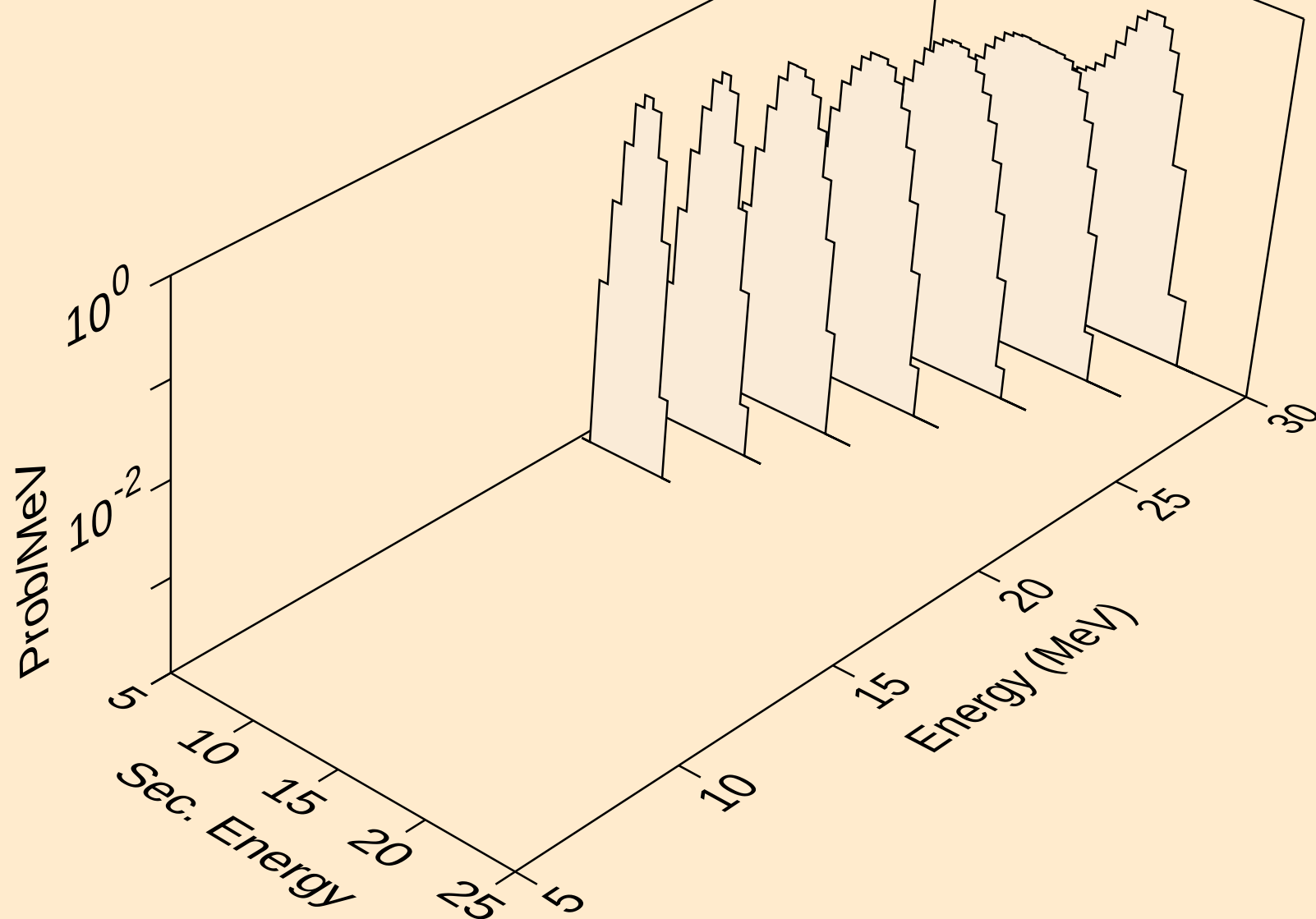


W179M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

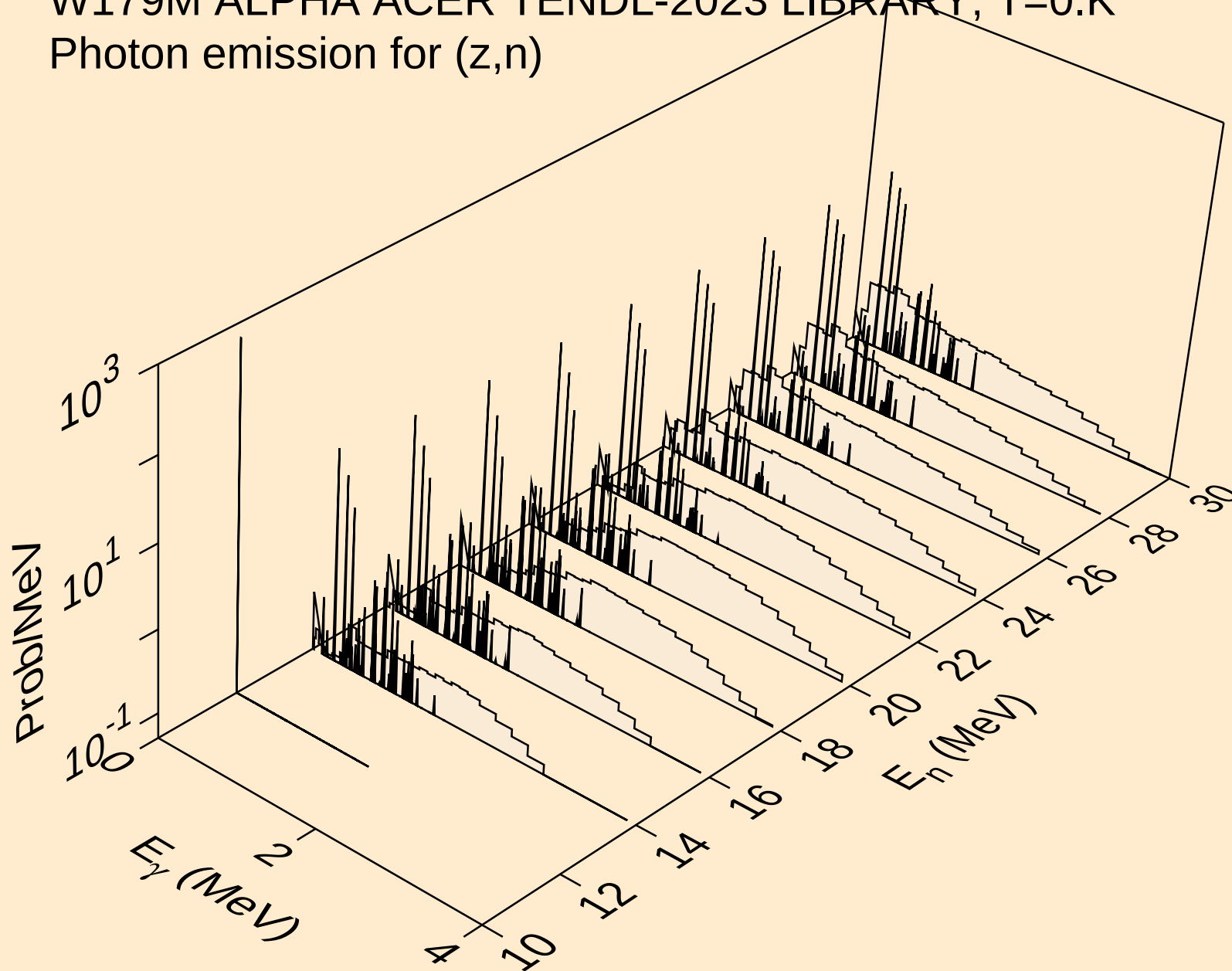
Alpha emission for (a,2a)



W179M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Alpha emission for (a,pa)

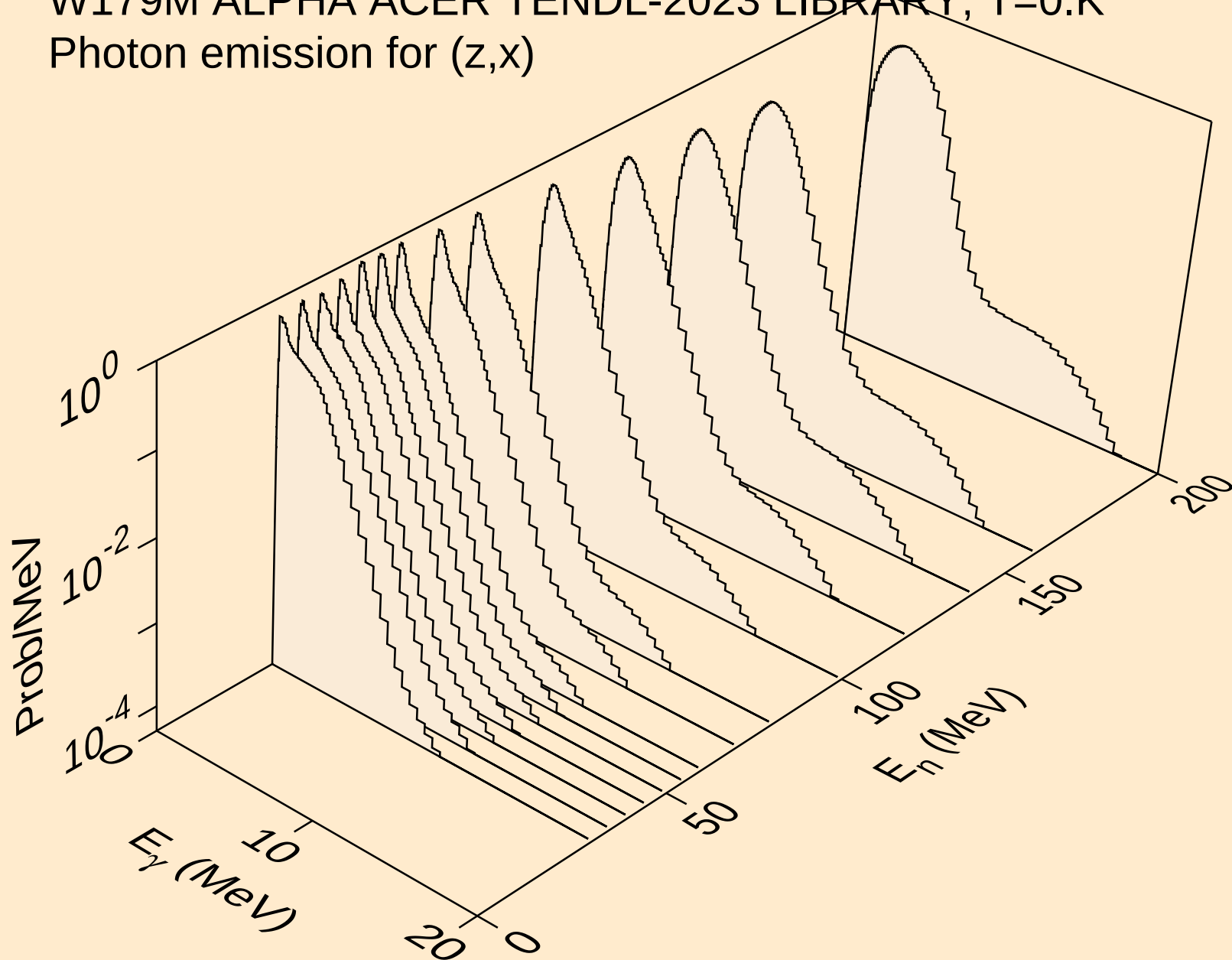


W179M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (z,n)

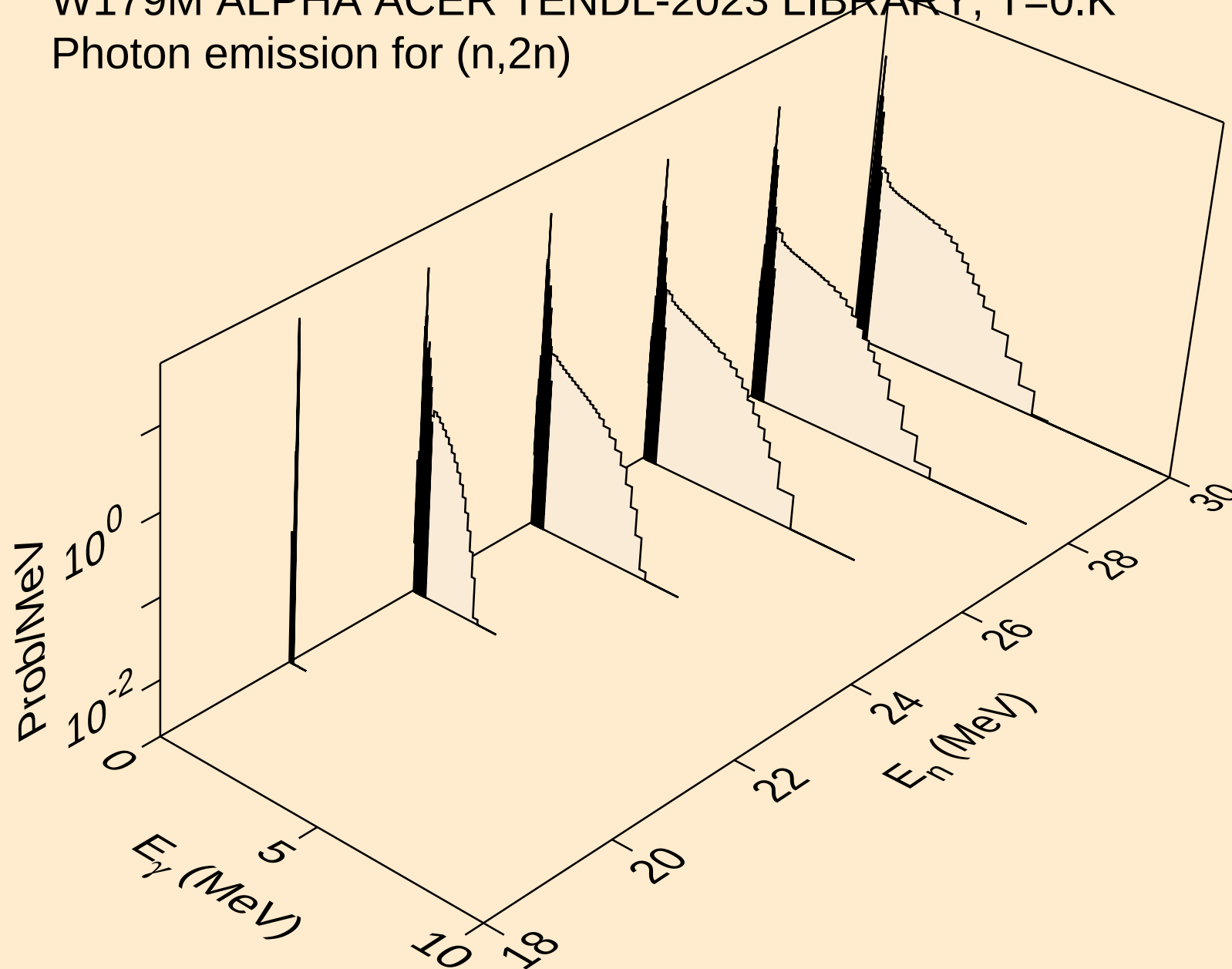


W179M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

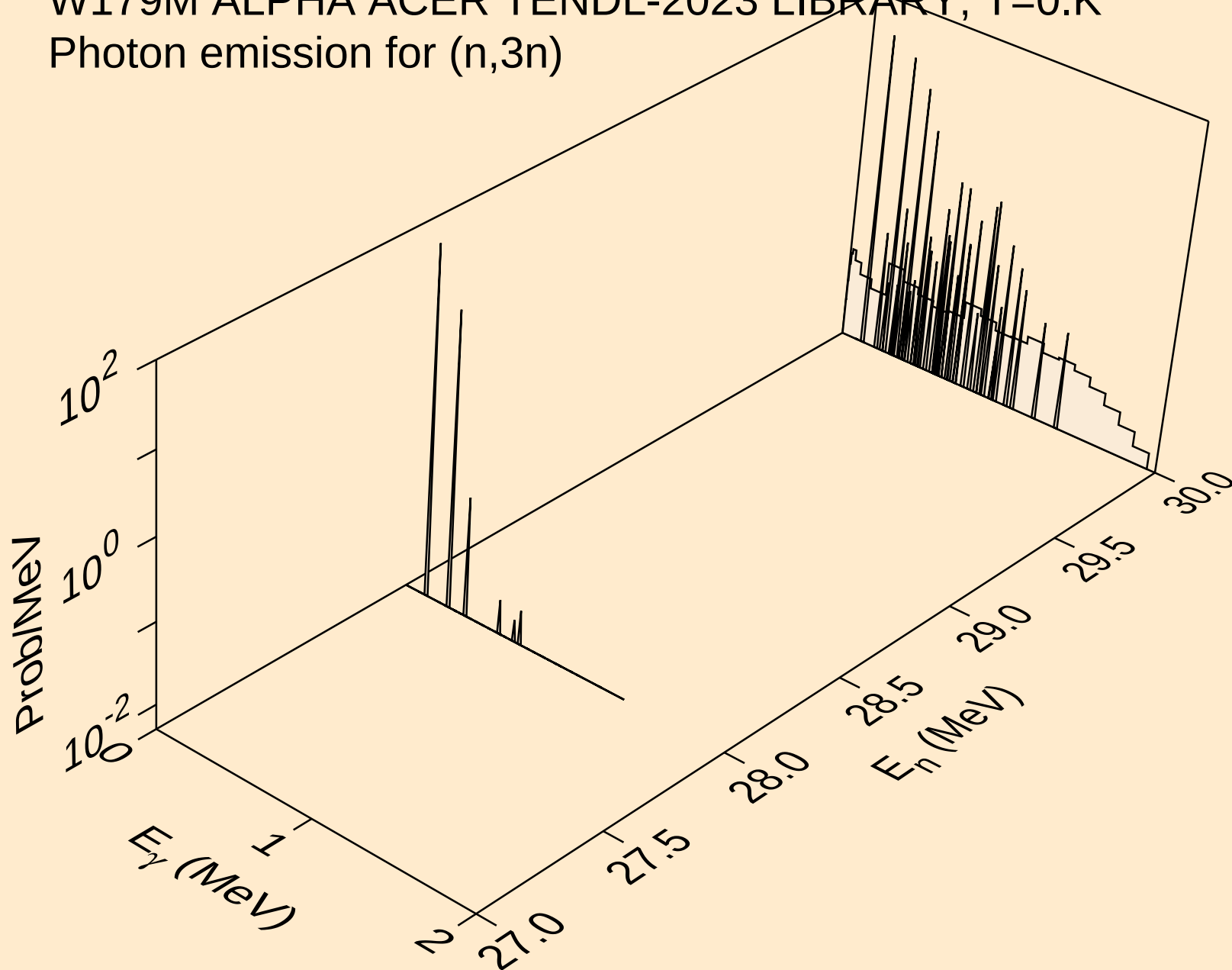
Photon emission for (z,x)



W179M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2n)

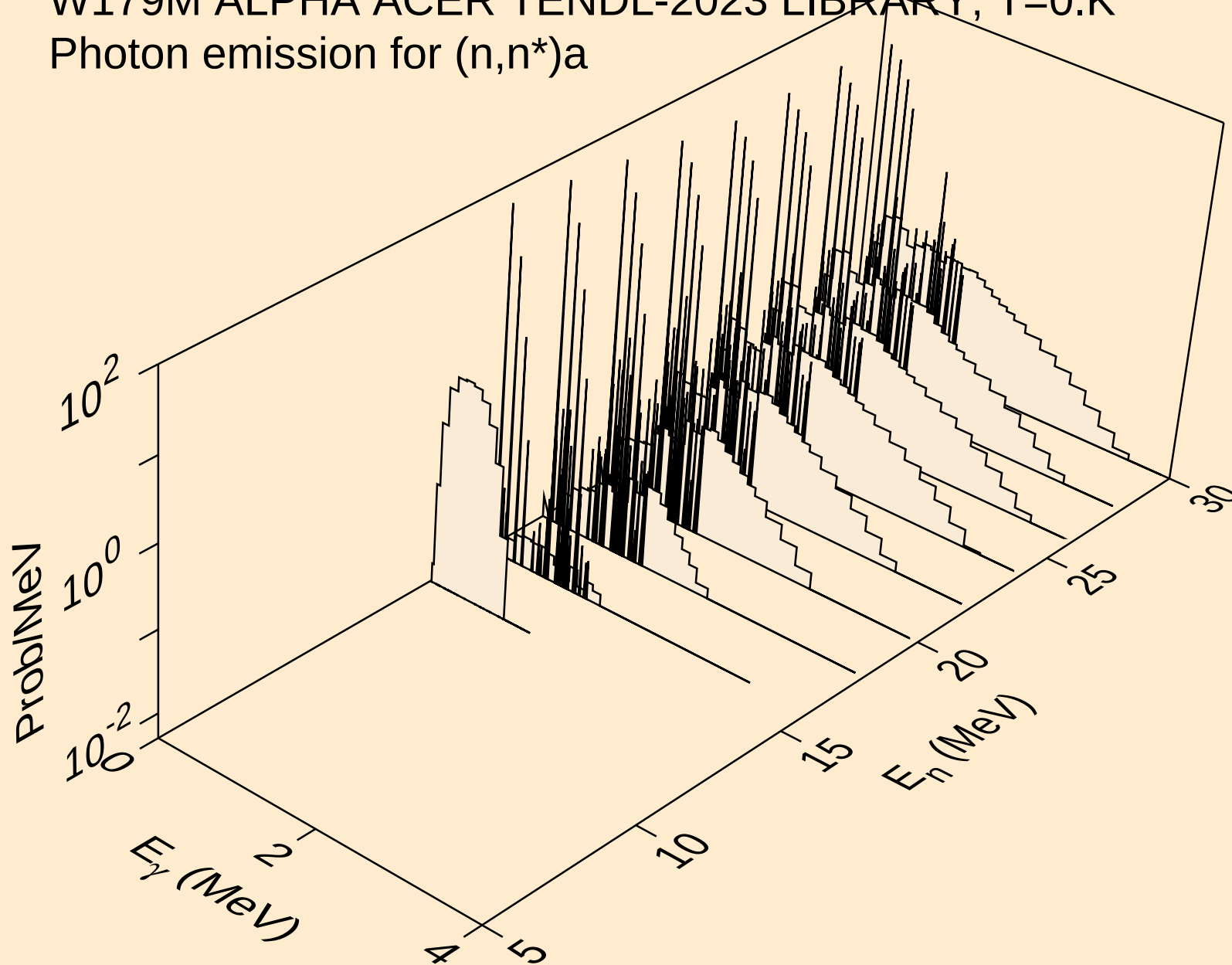


W179M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,3n)



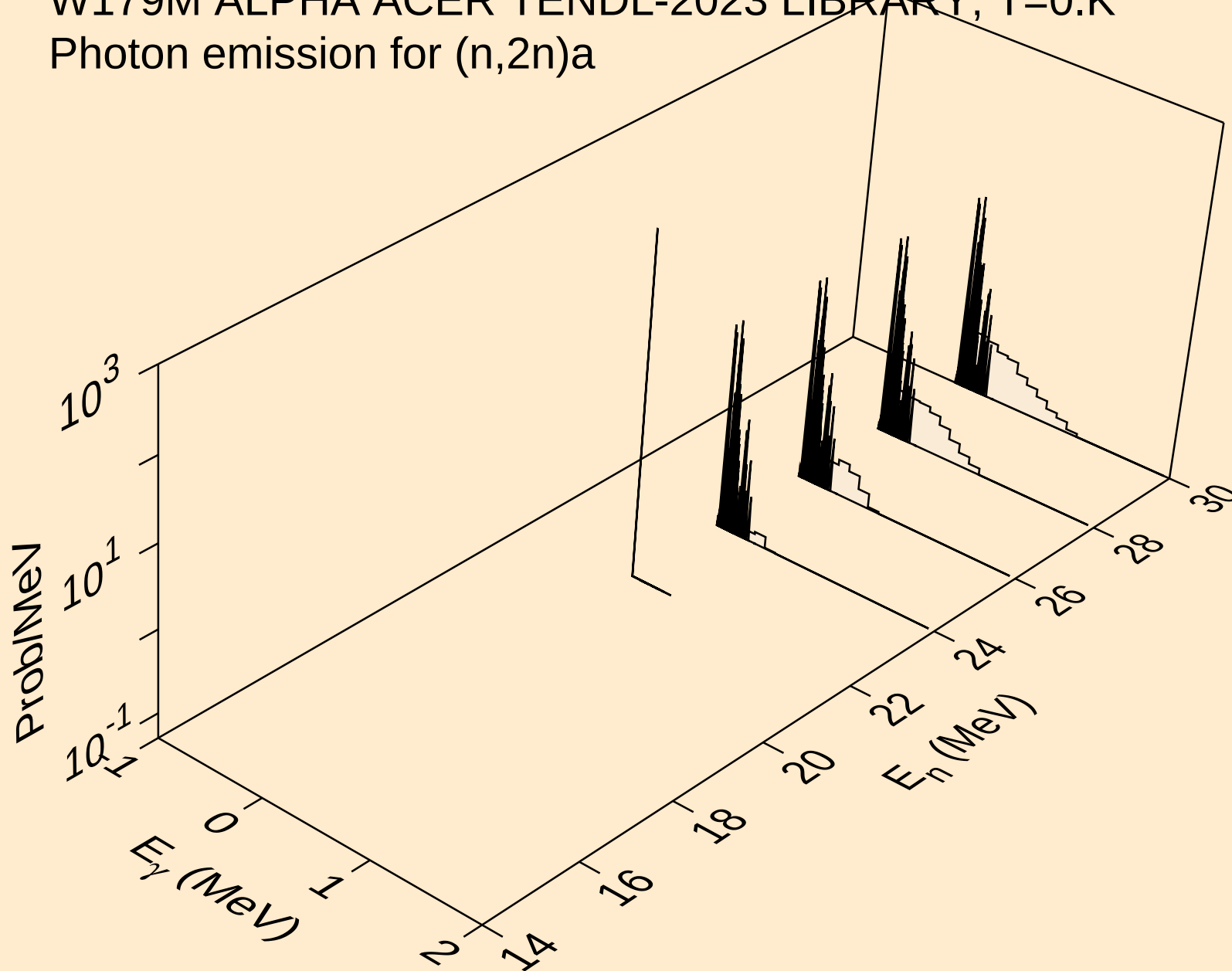
W179M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)a



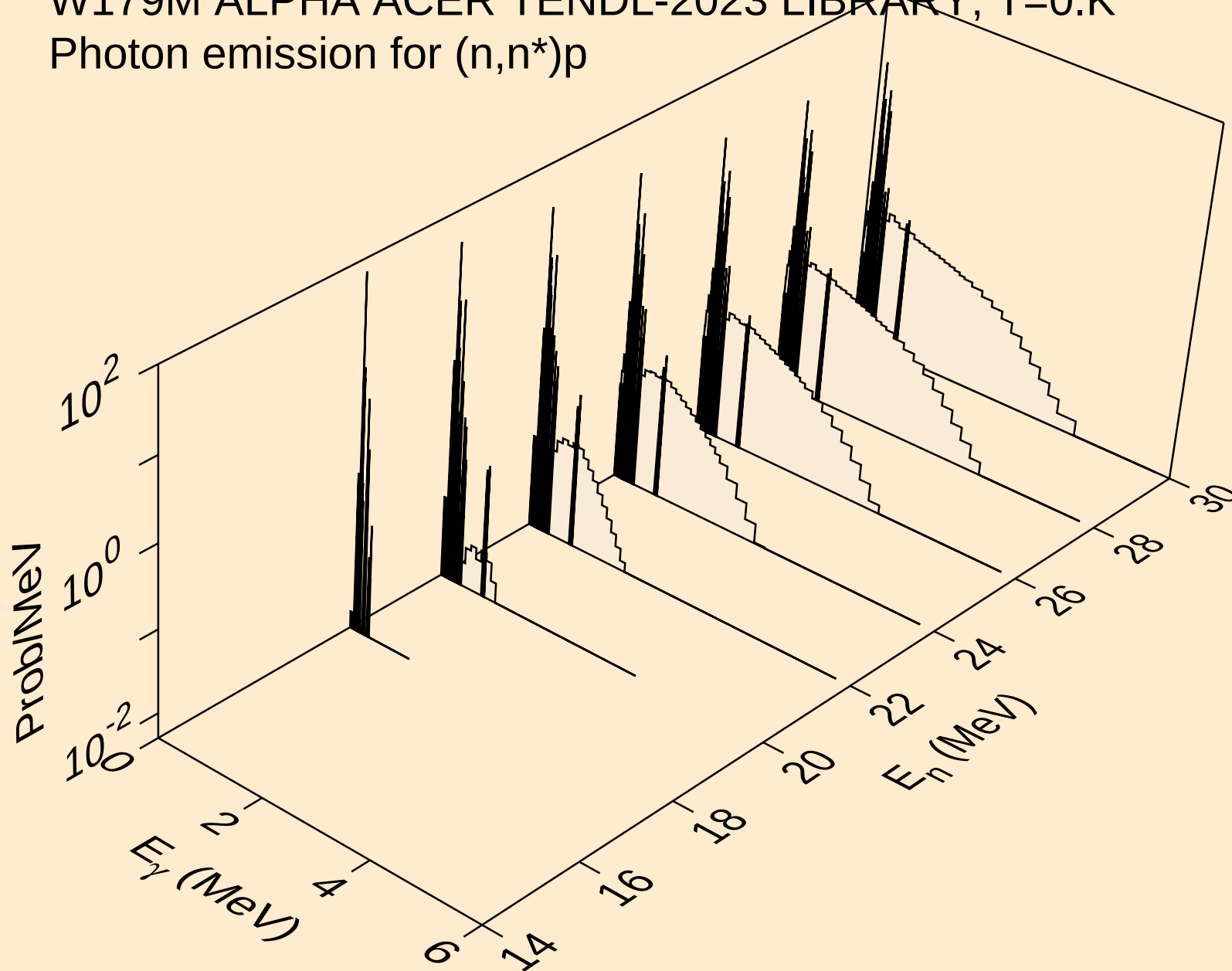
W179M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,2n) α



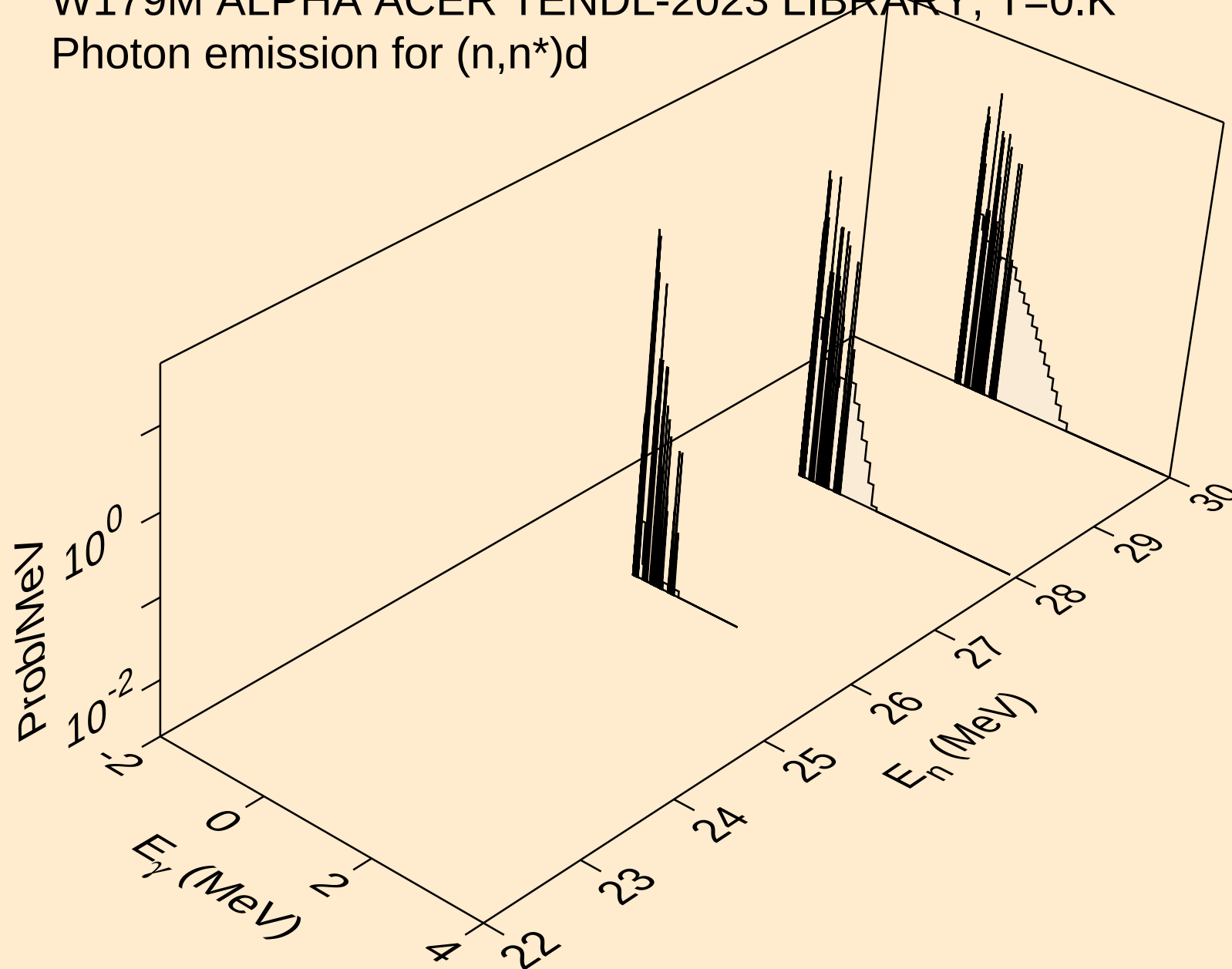
W179M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)p



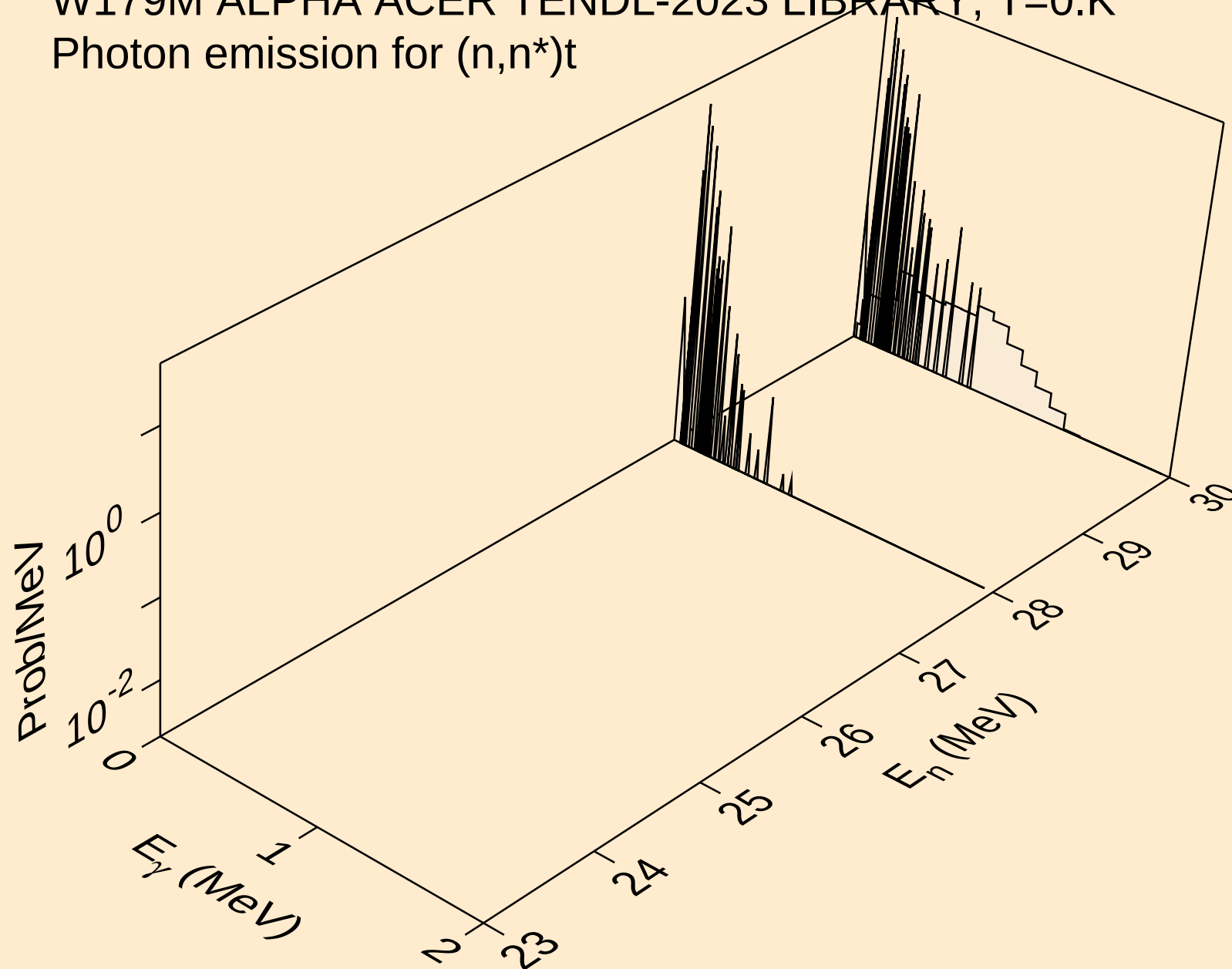
W179M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Photon emission for (n,n*)d

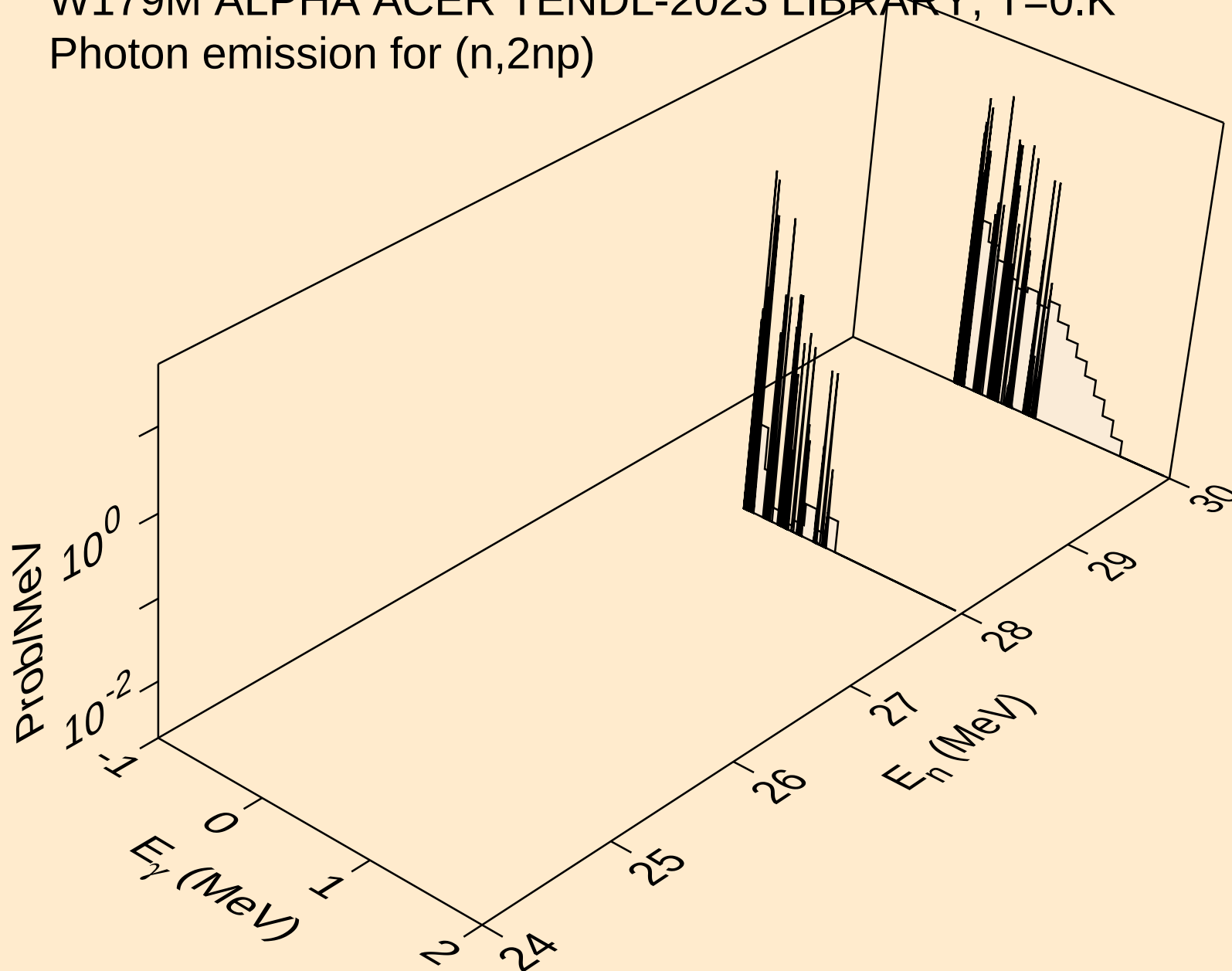


W179M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

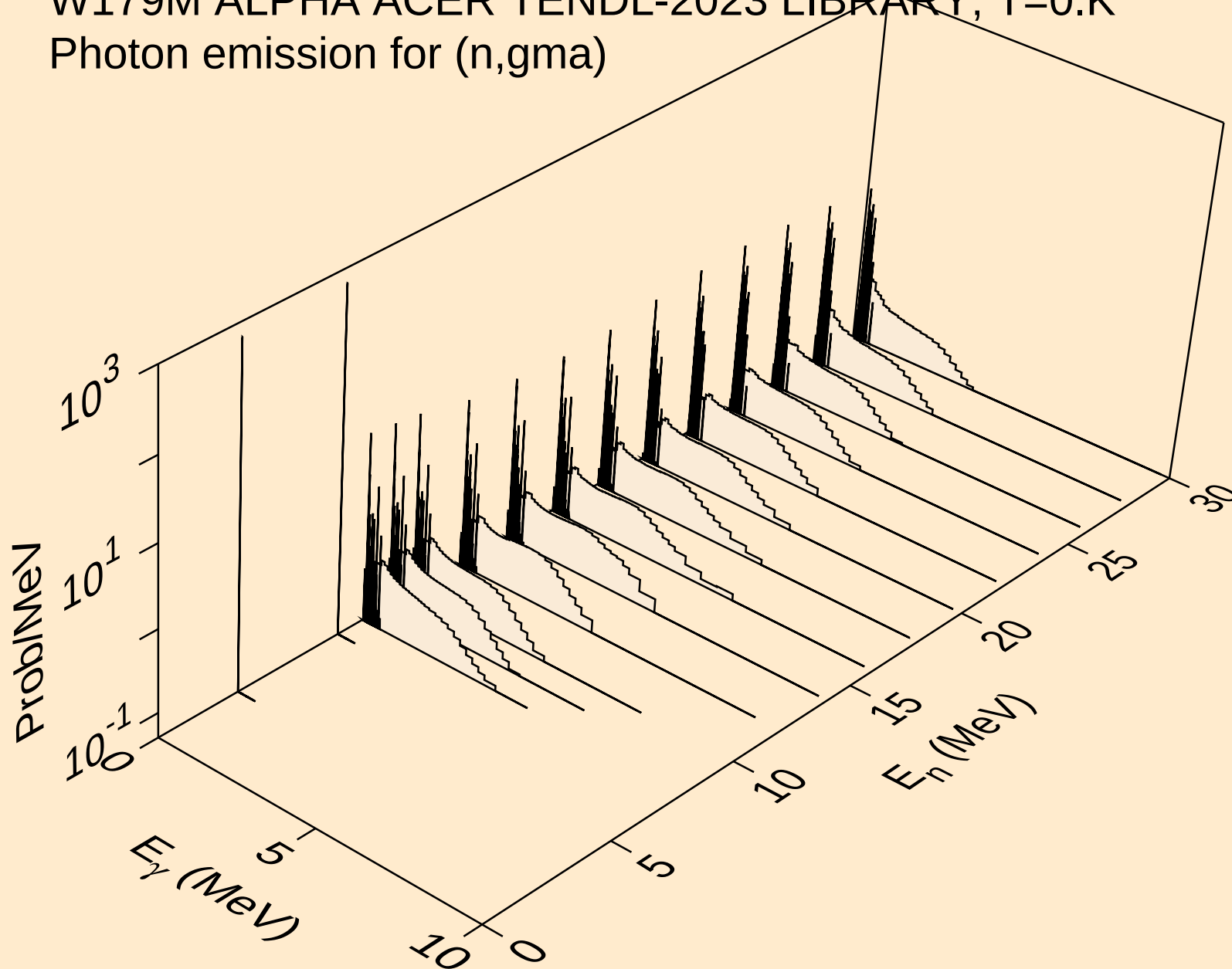
Photon emission for (n,n*)t



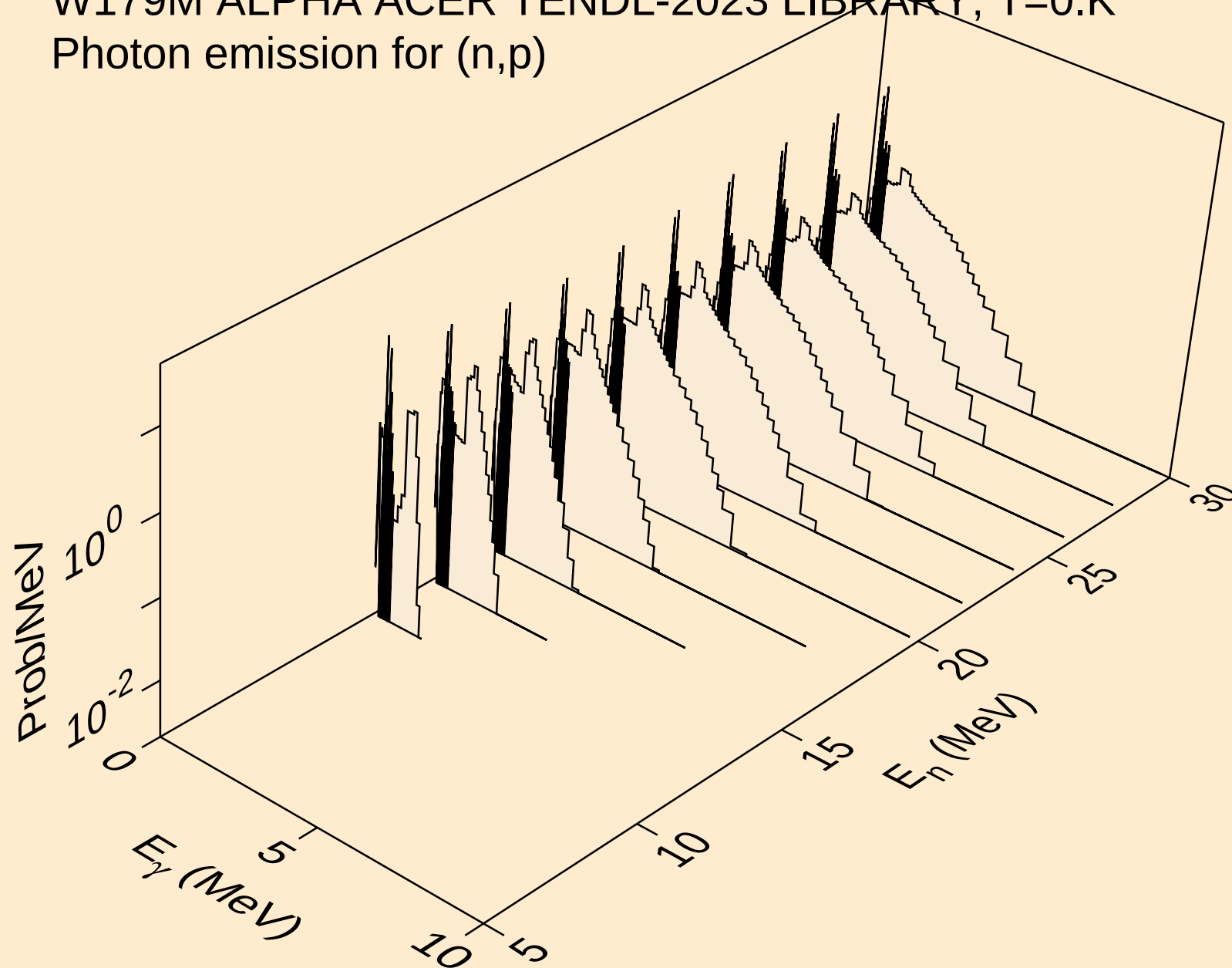
W179M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2np)



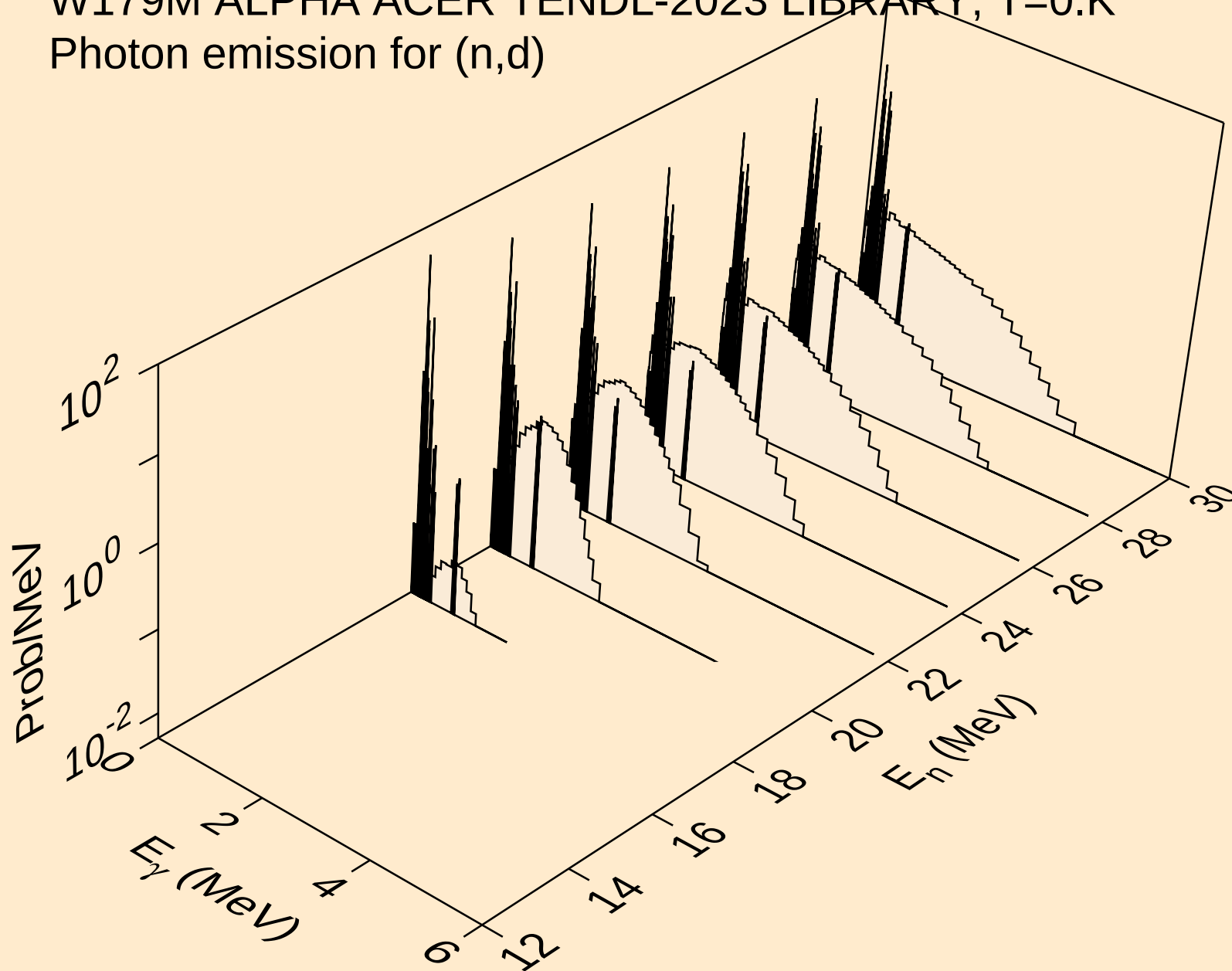
W179M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,gma)



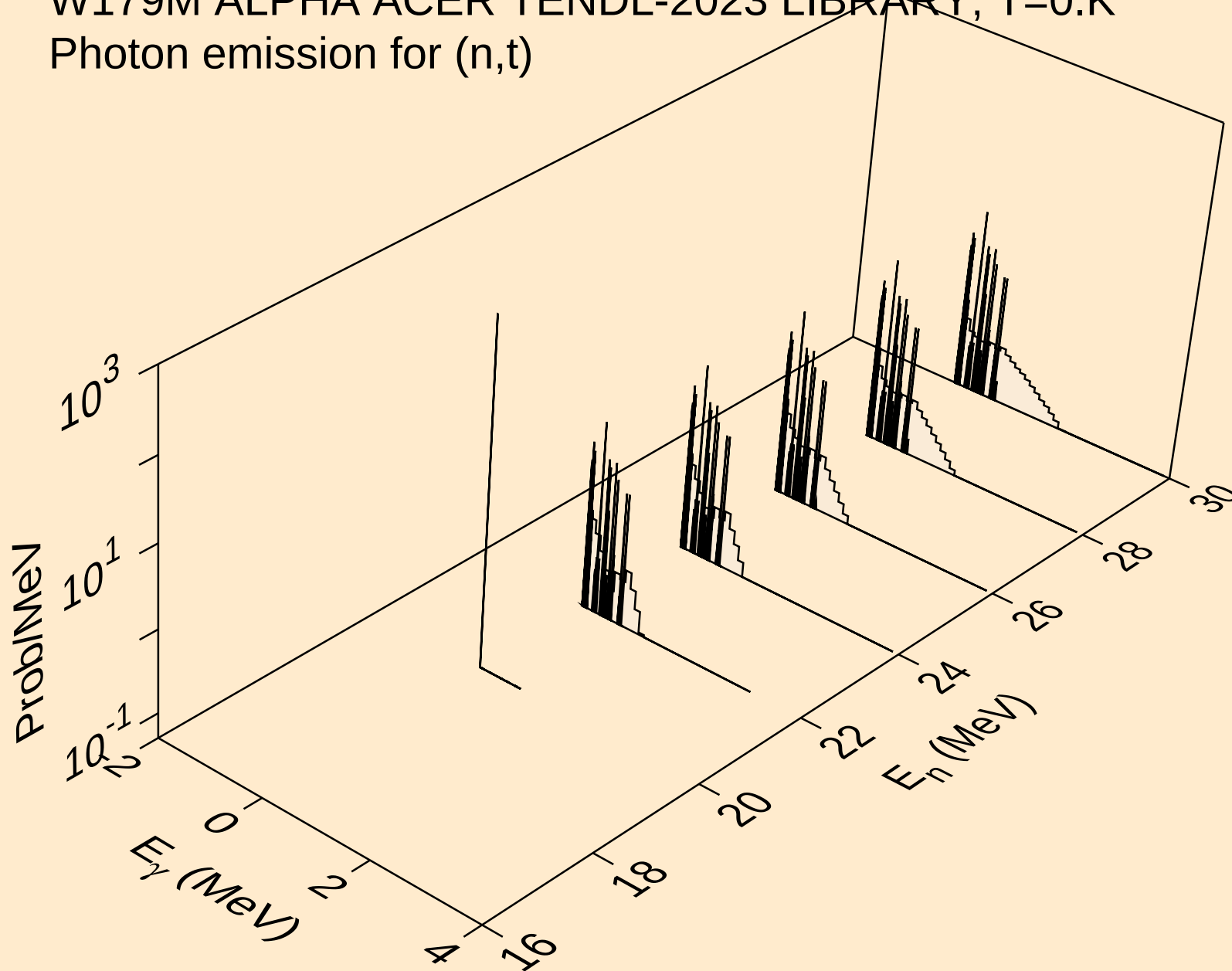
W179M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,p)



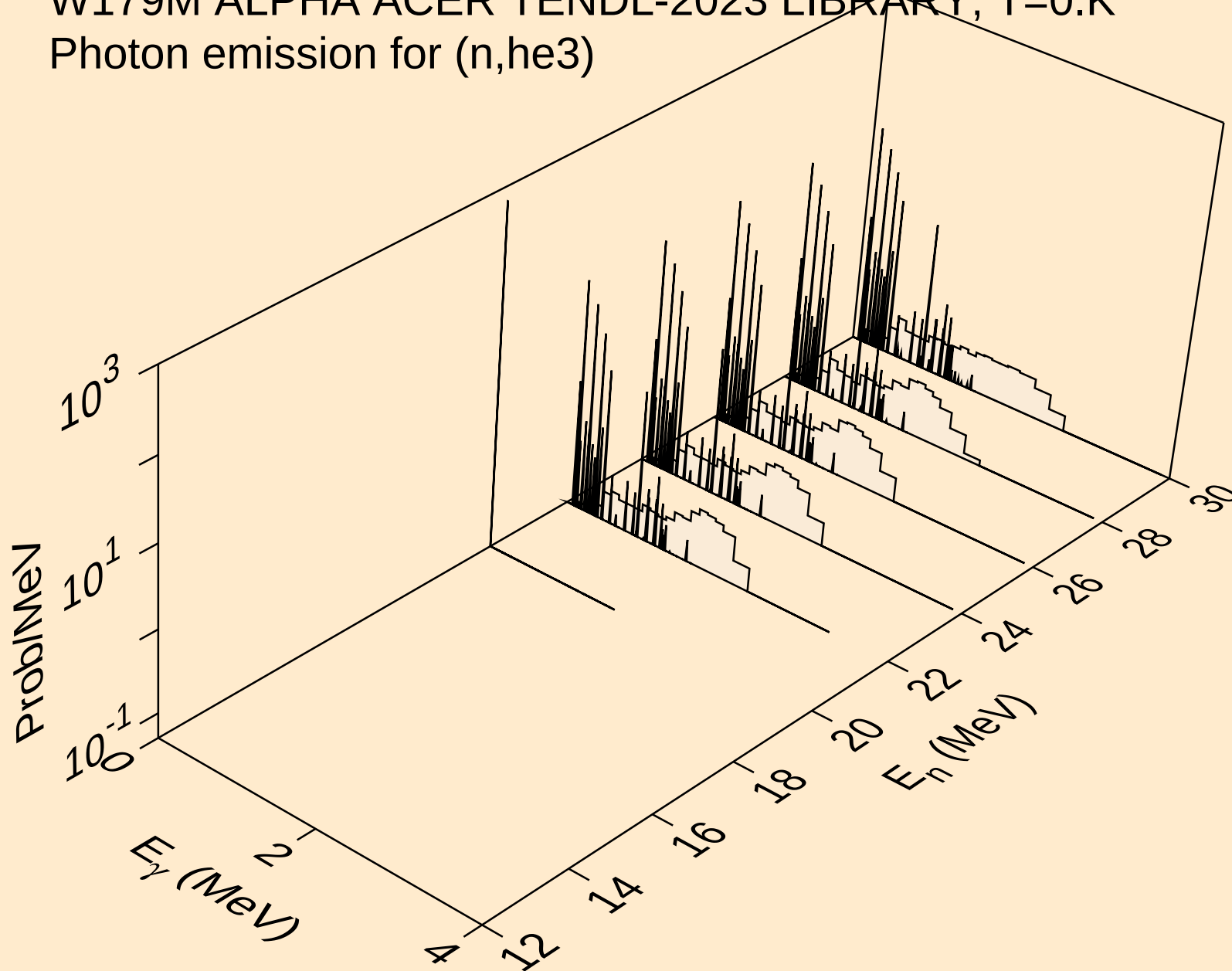
W179M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,d)



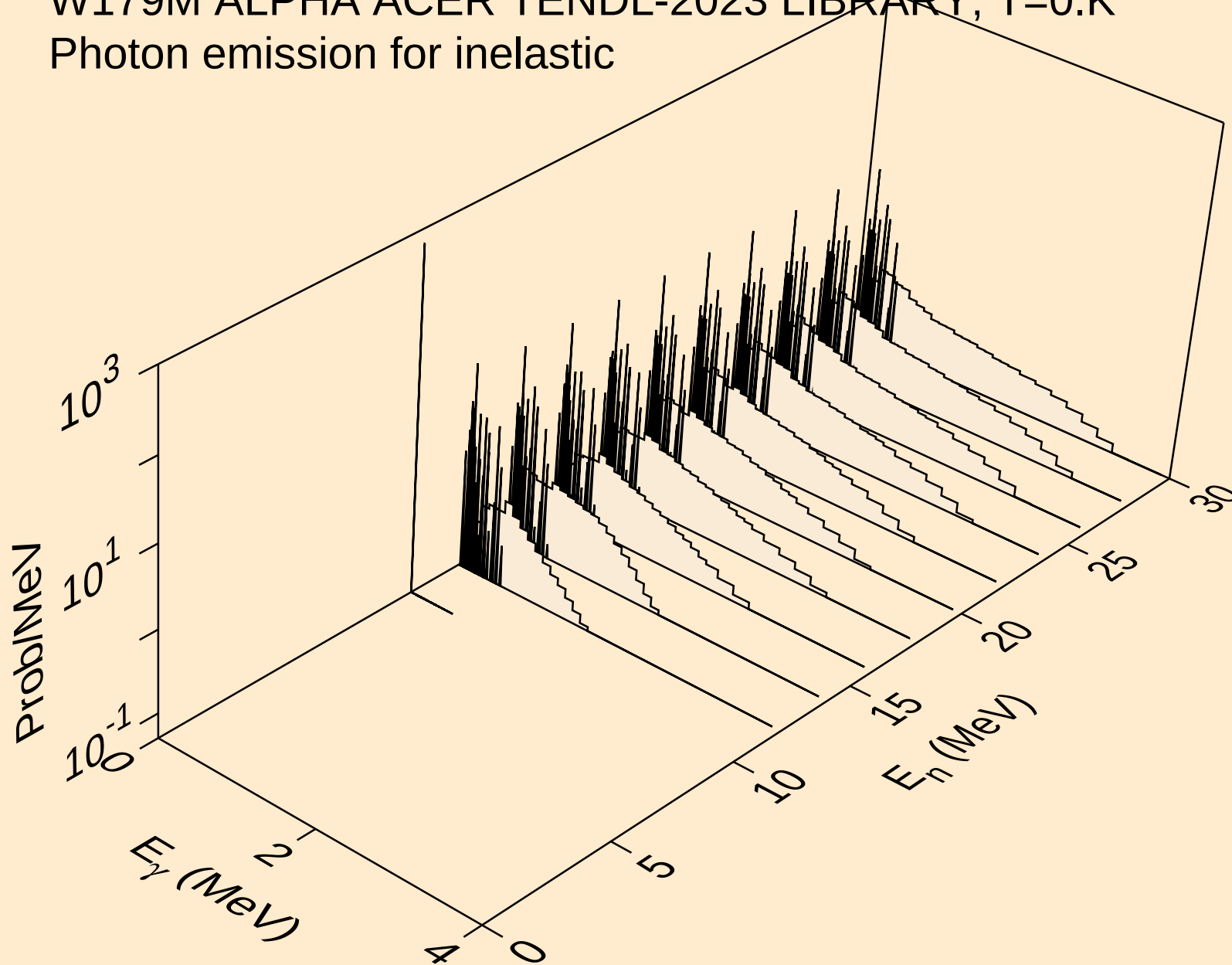
W179M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,t)



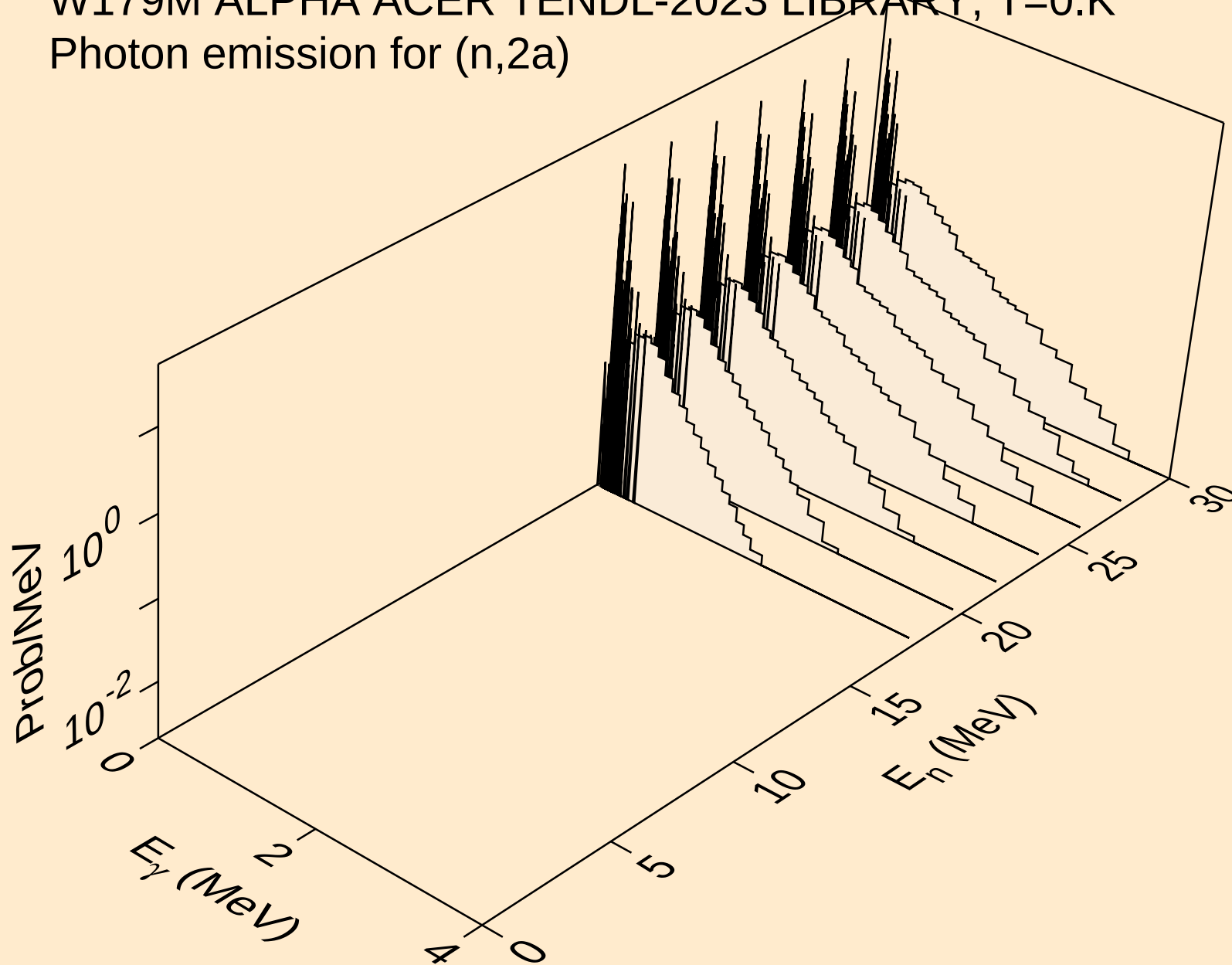
W179M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,he3)



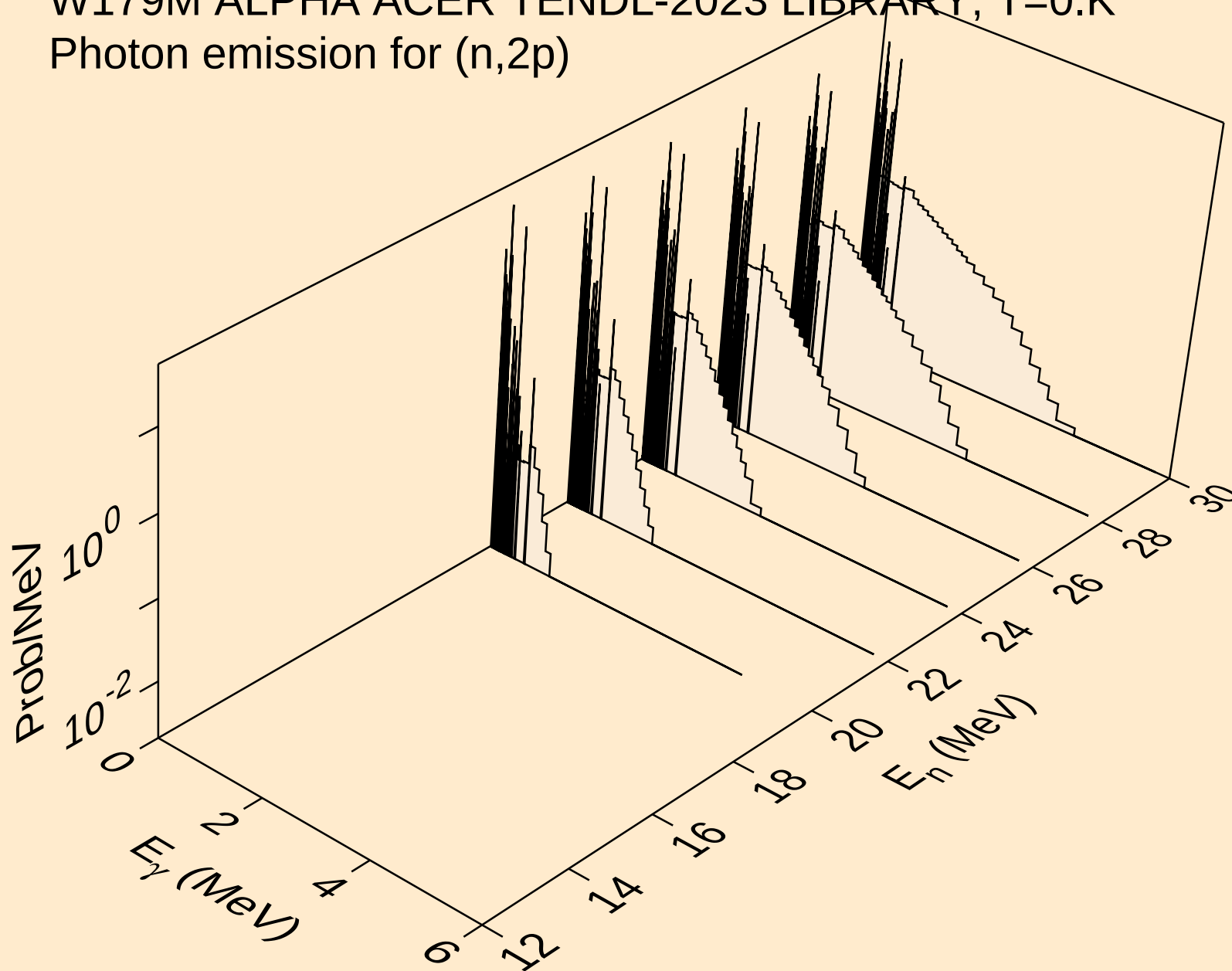
W179M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for inelastic



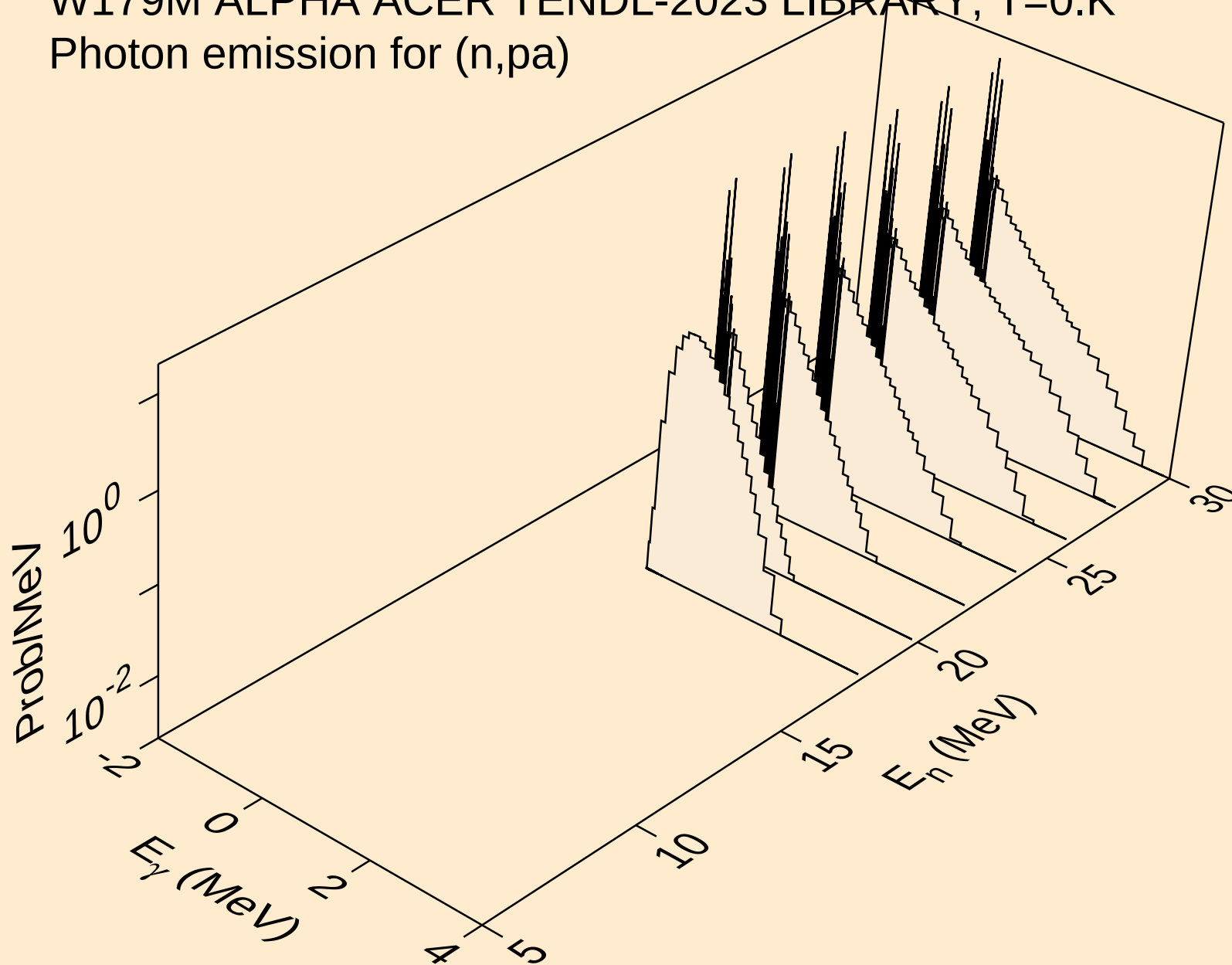
W179M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2a)



W179M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,2p)

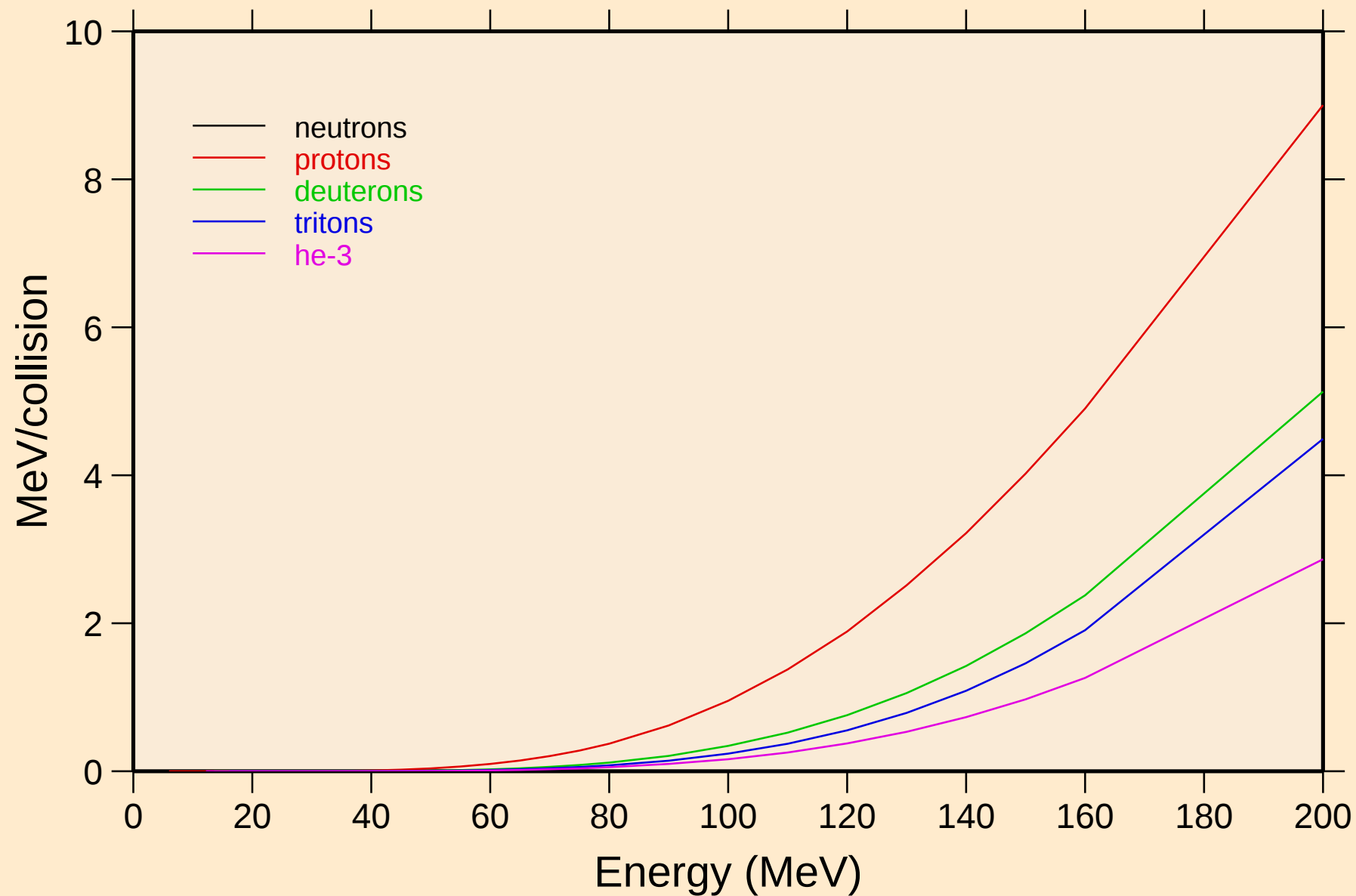


W179M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
Photon emission for (n,pa)



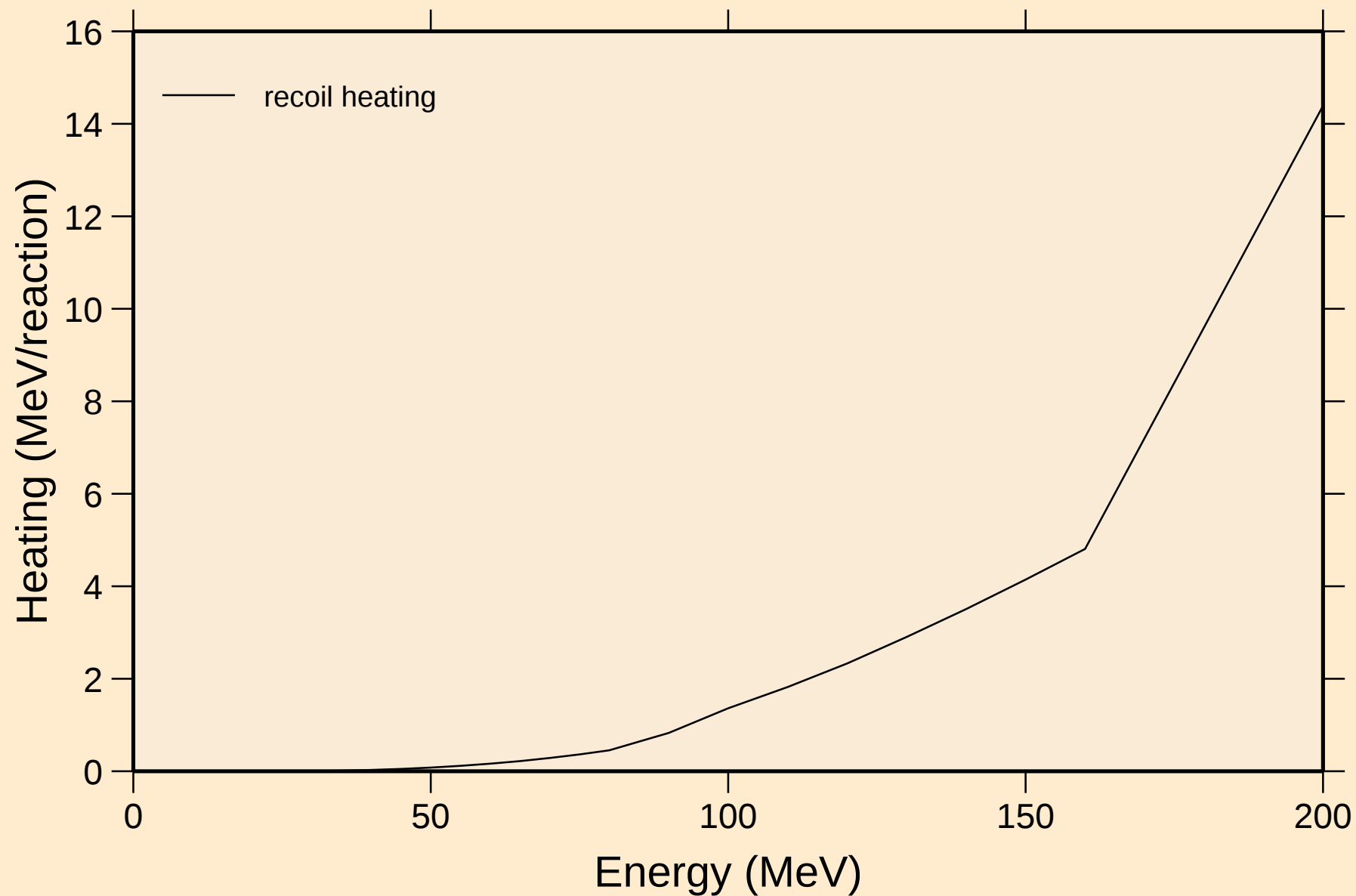
W179M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Particle heating contributions



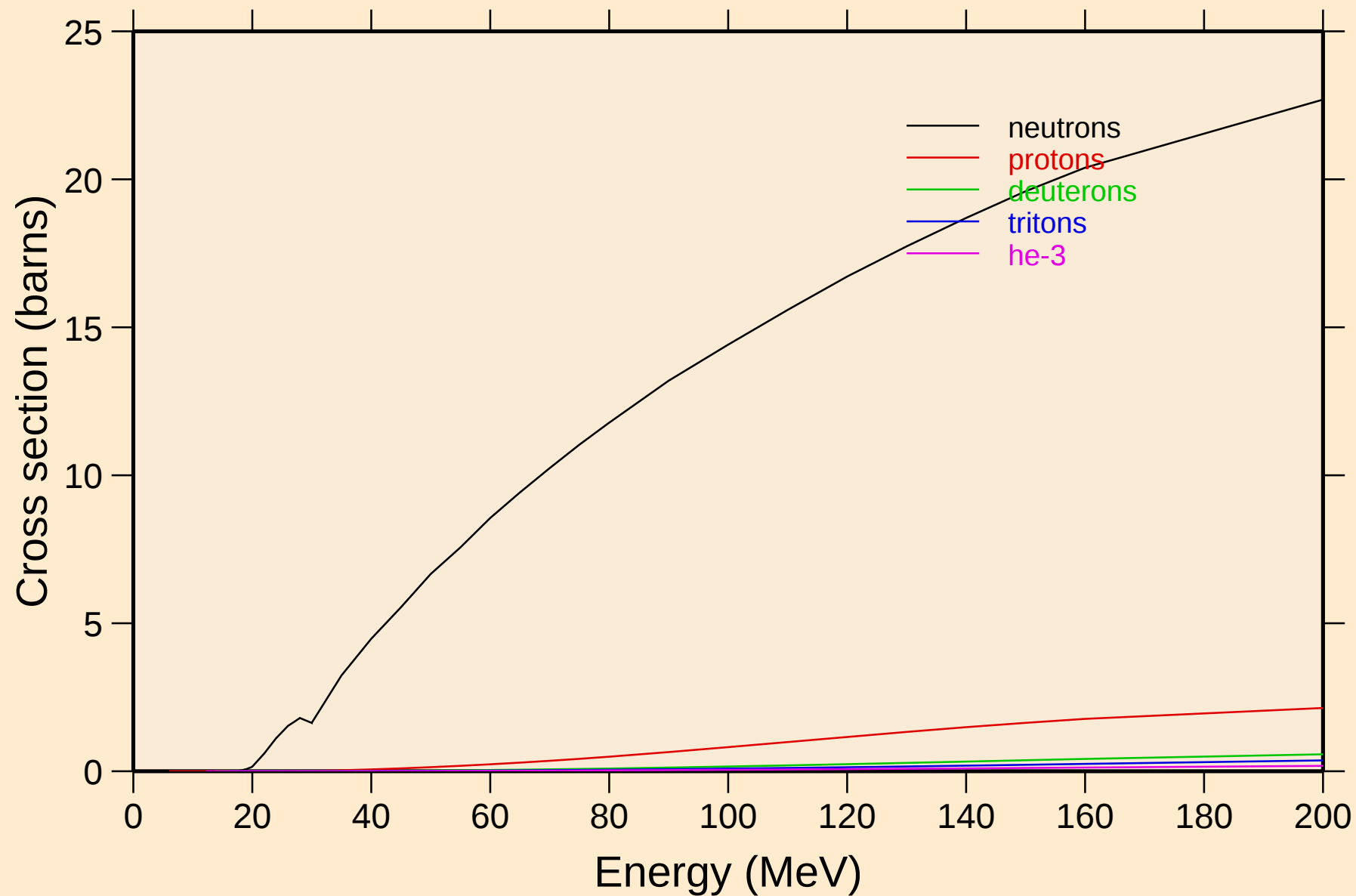
W179M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

Recoil Heating

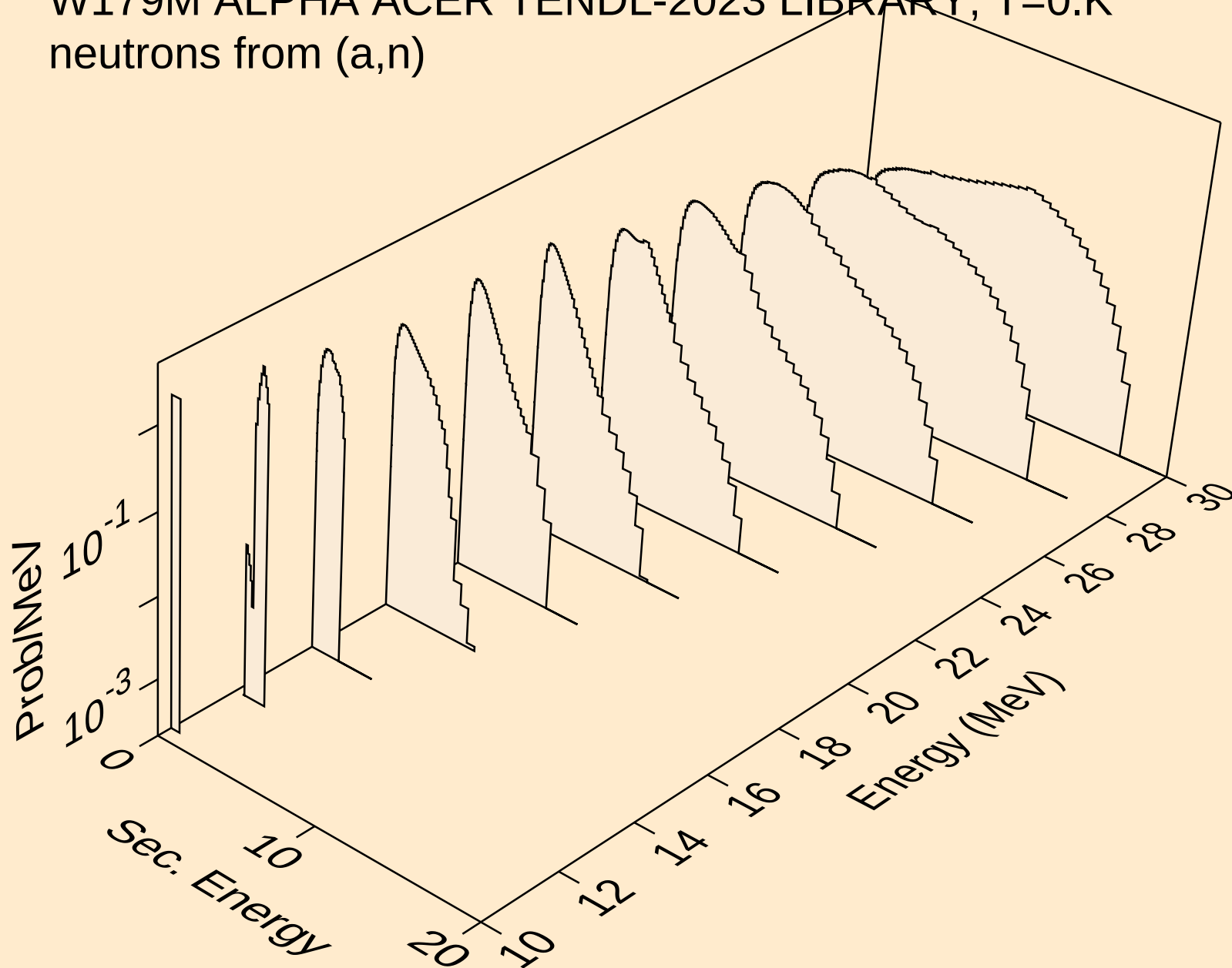


W179M ALPHA ACER TENDL-2023 LIBRARY; T=0.K

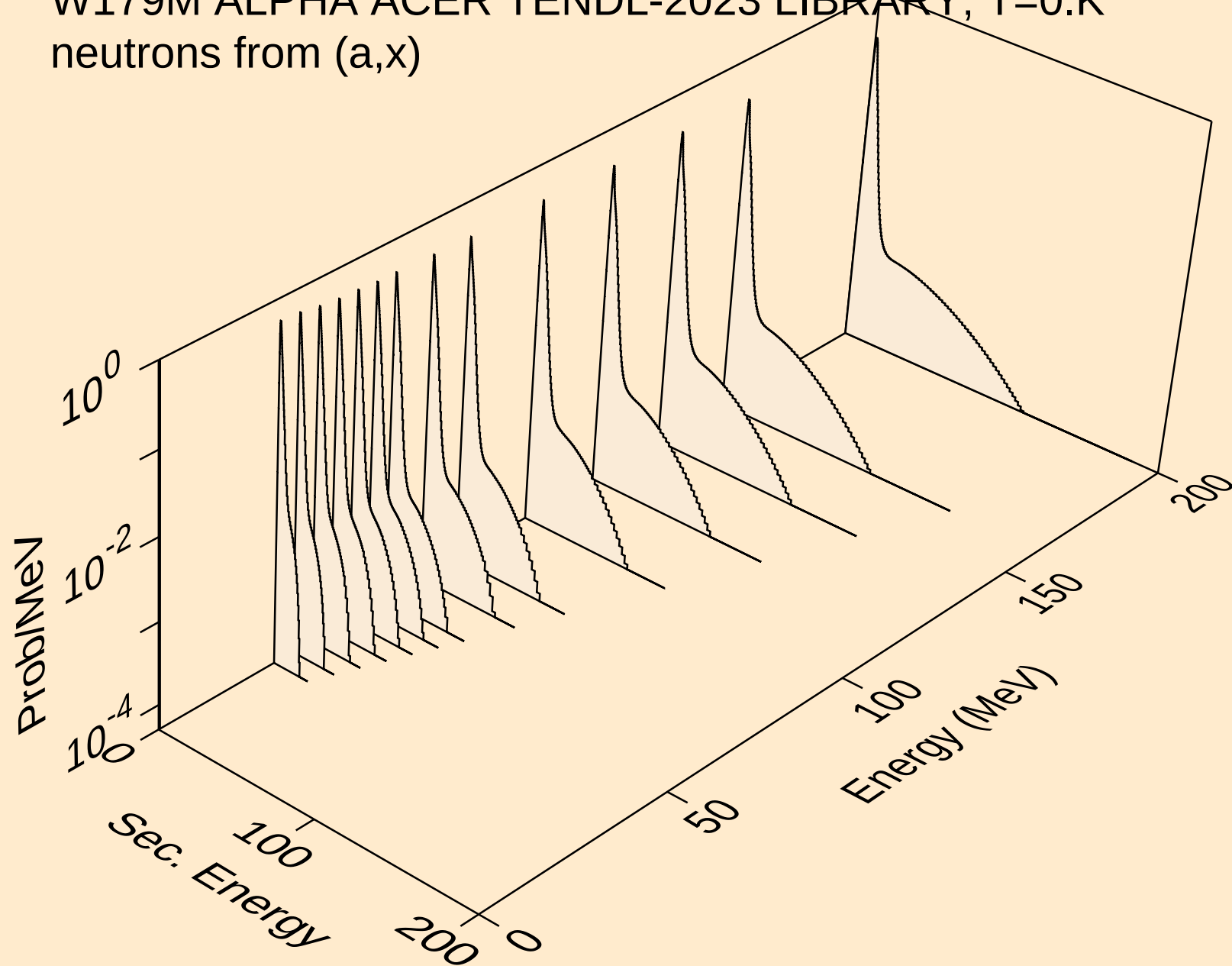
Particle production cross sections



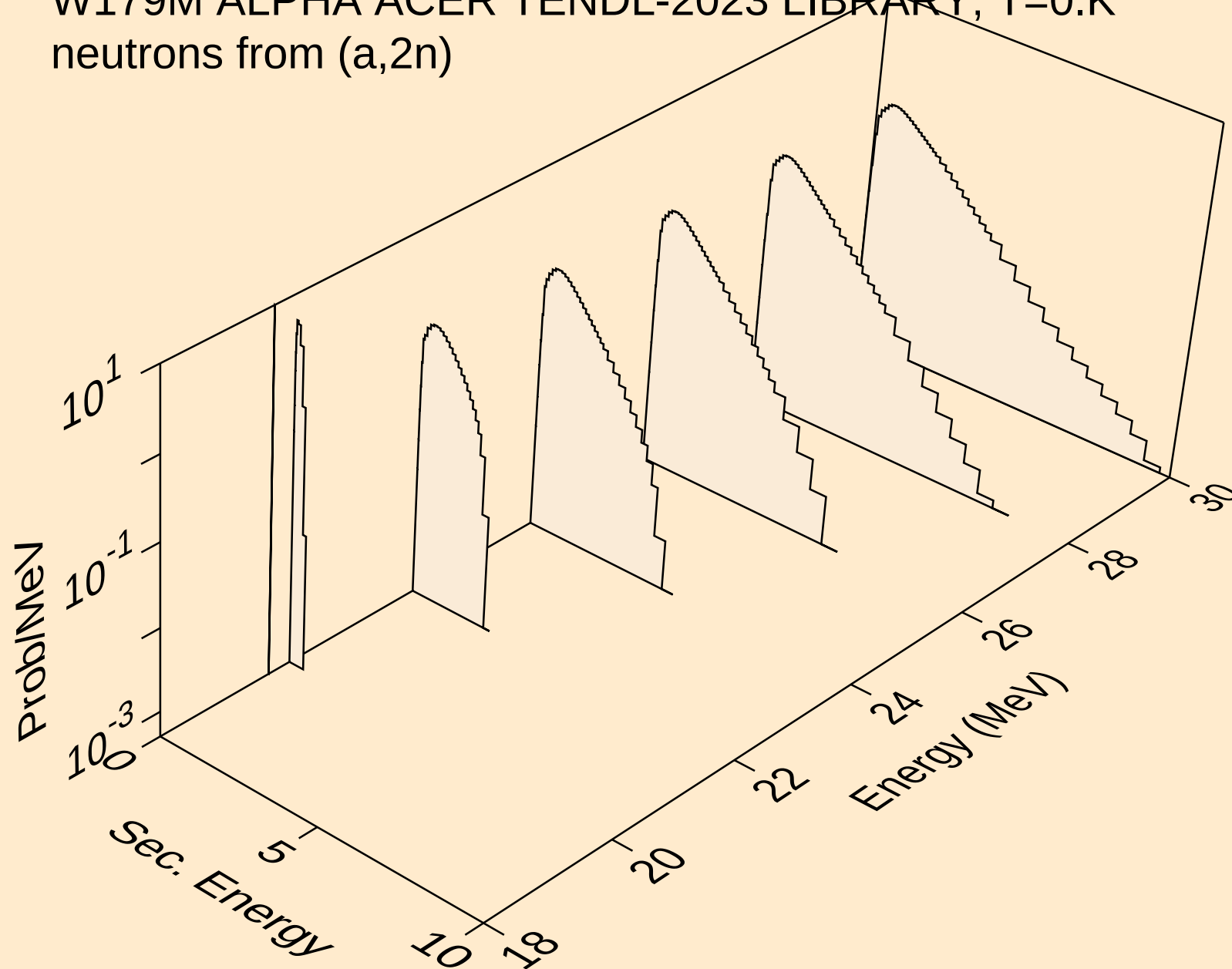
W179M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n)



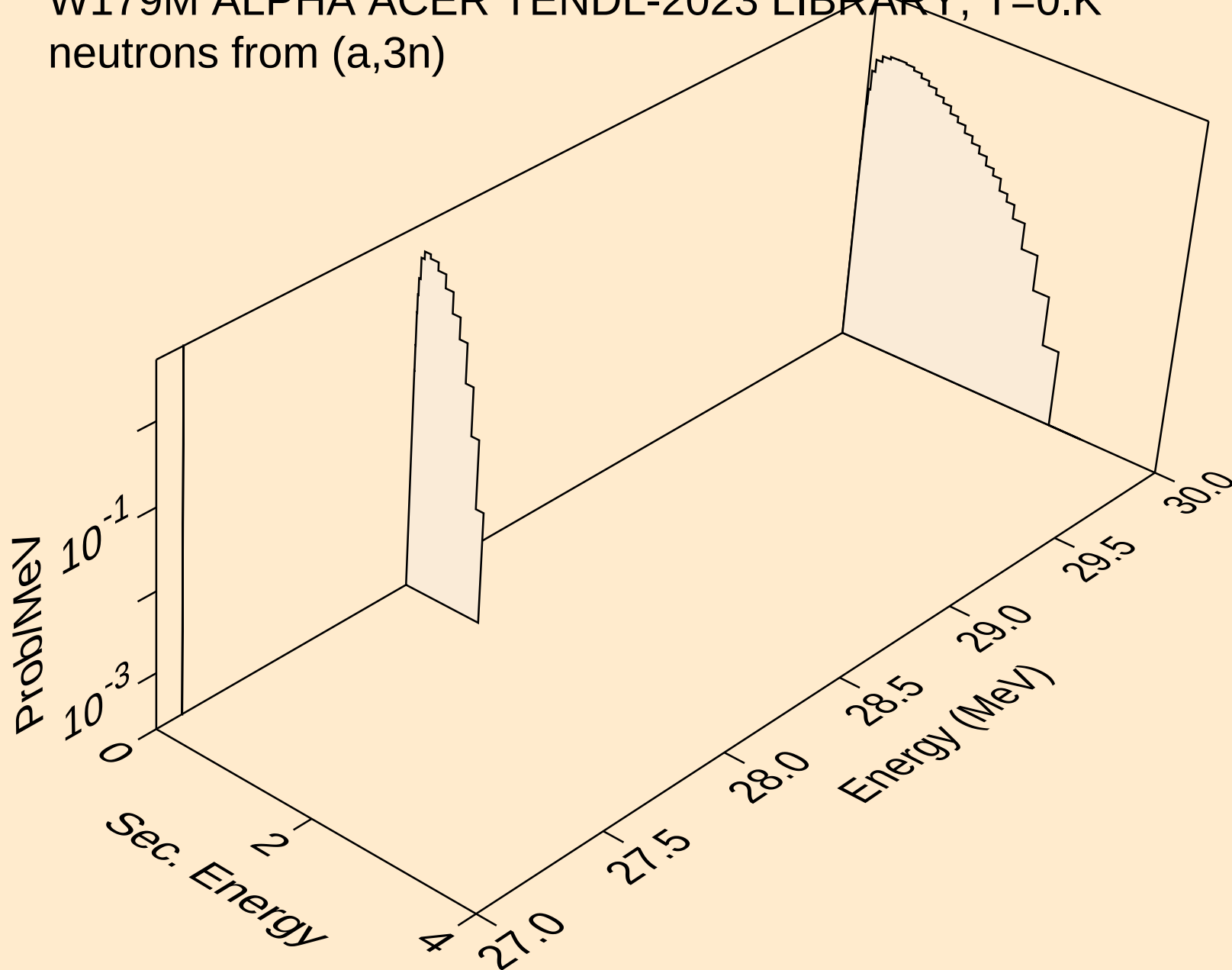
W179M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,x)



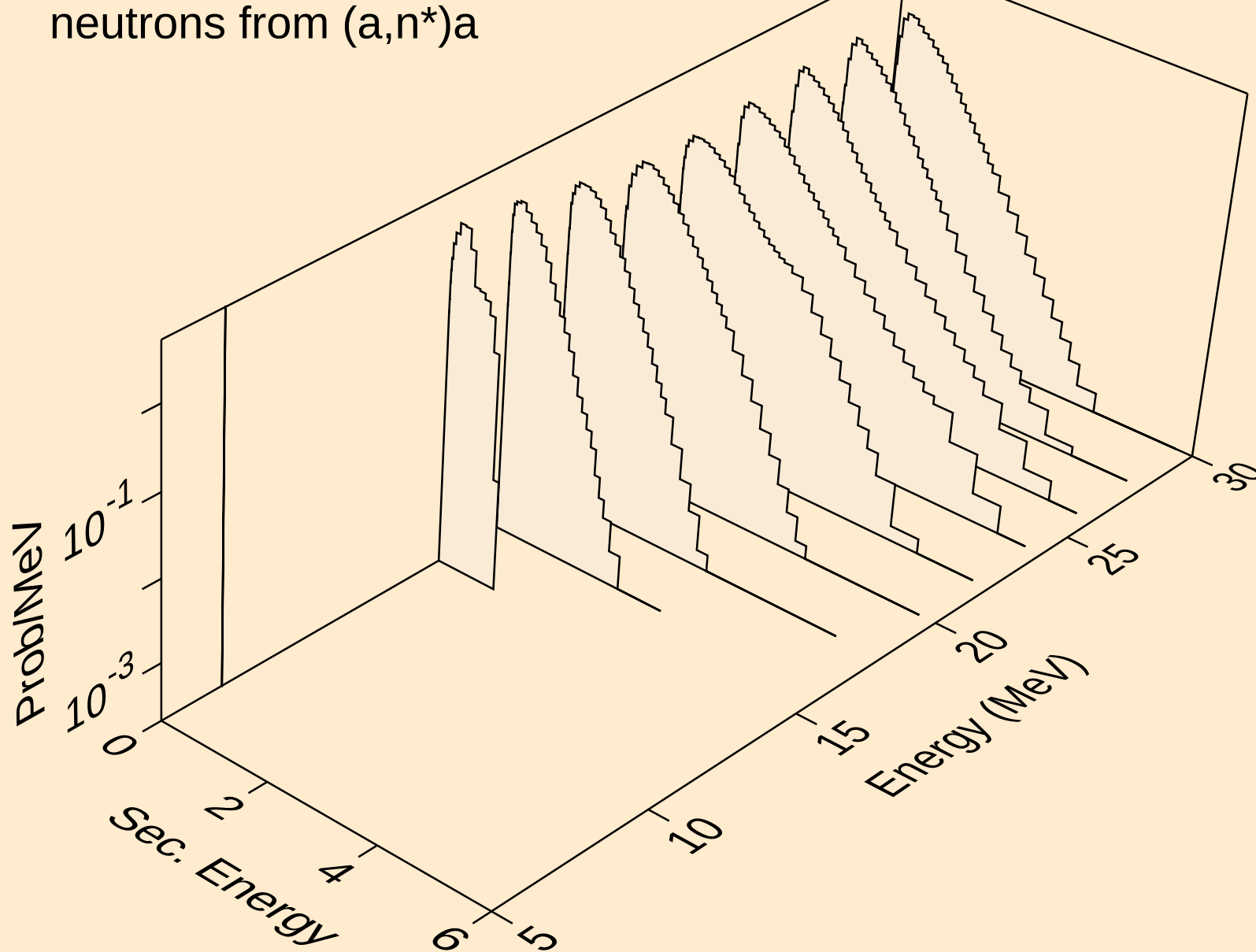
W179M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,2n)



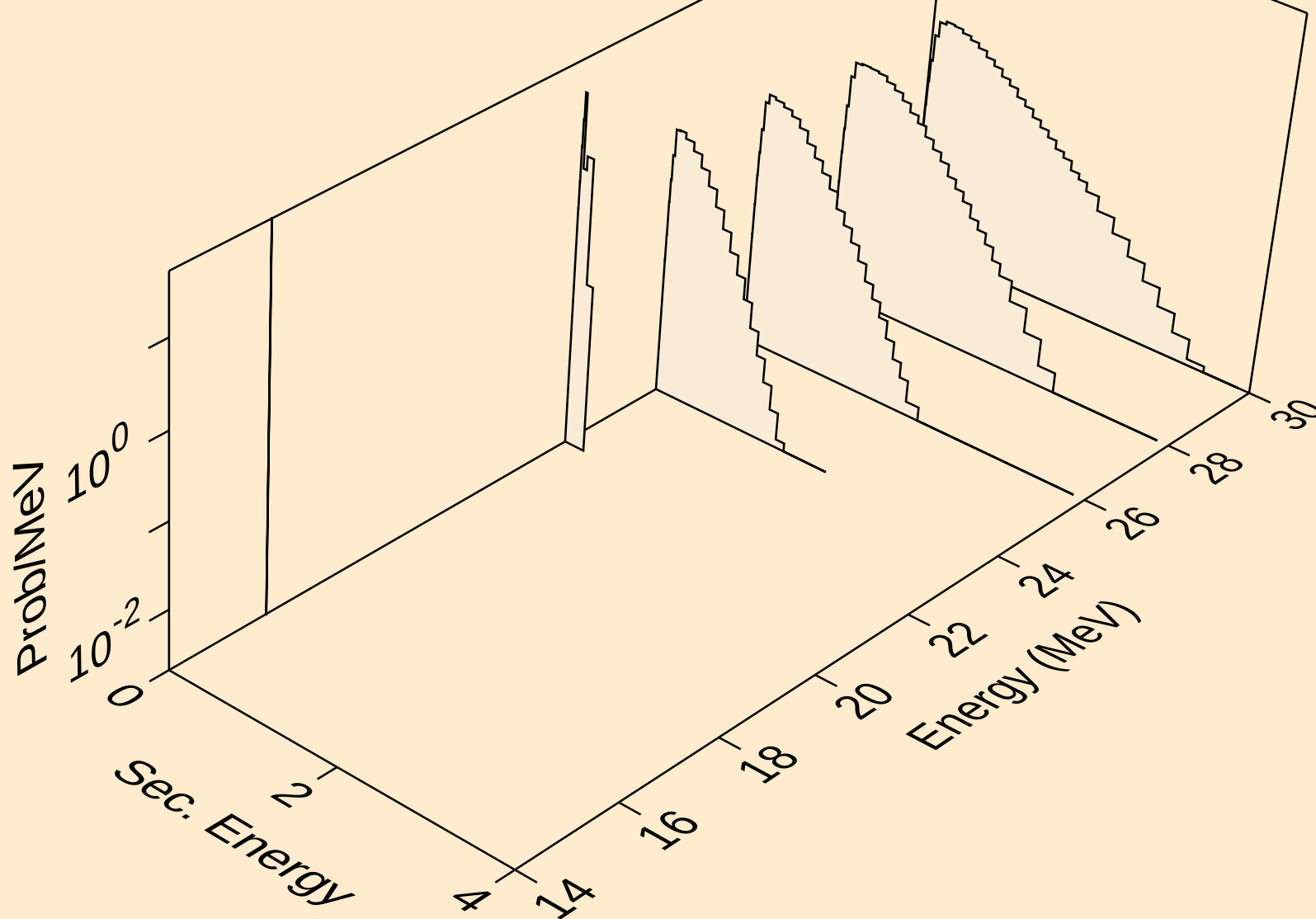
W179M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,3n)



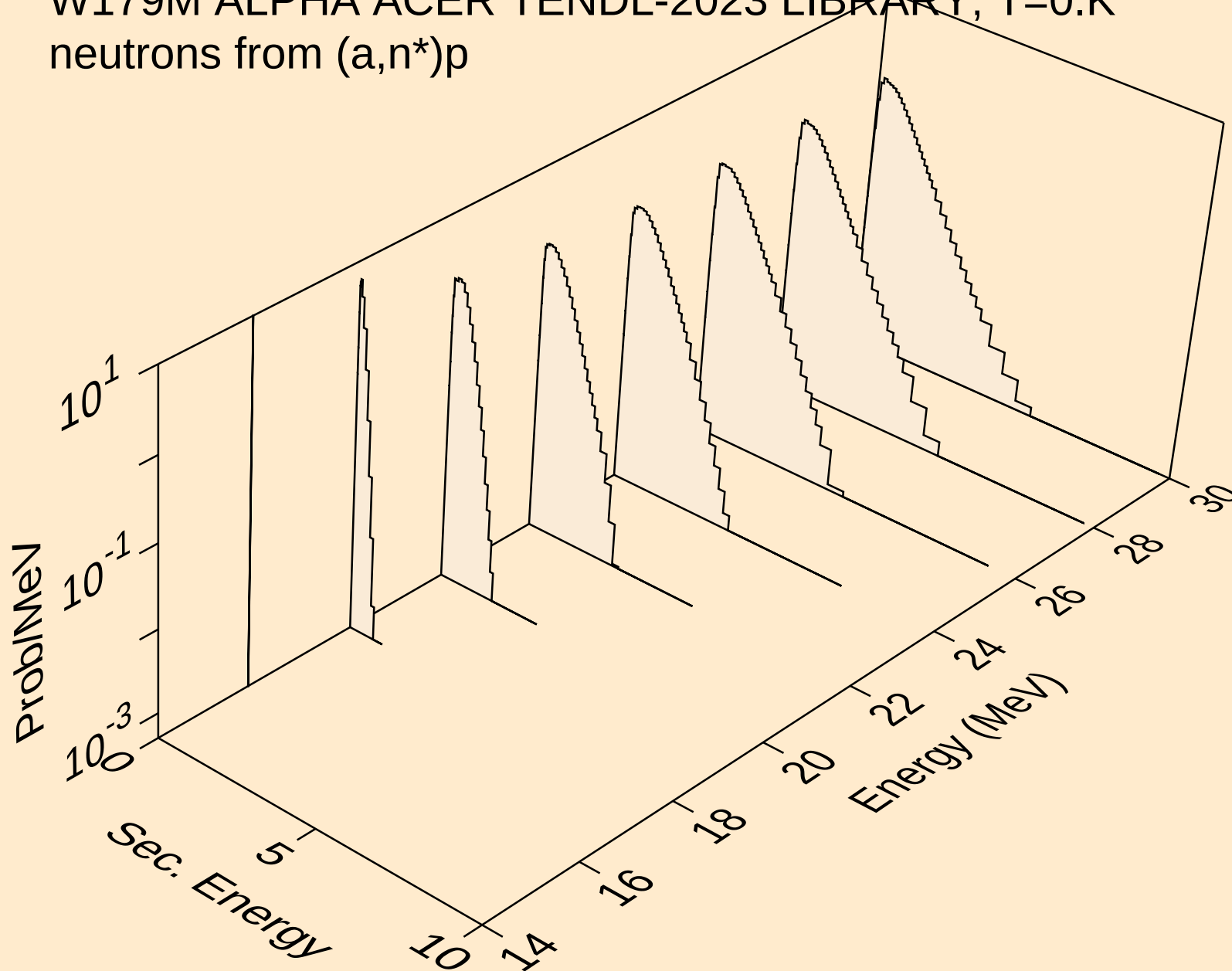
W179M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n*)a



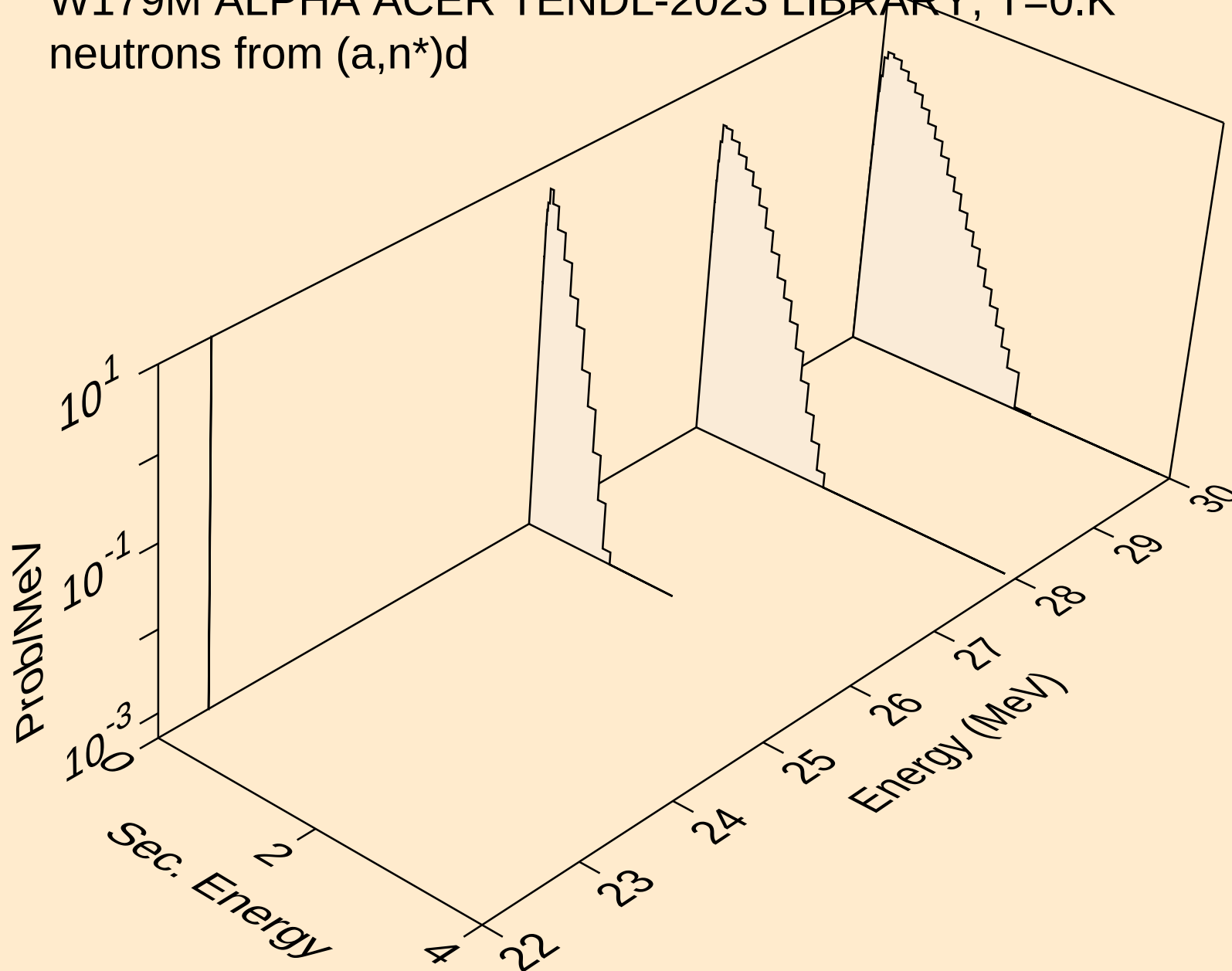
W179M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,2n)a



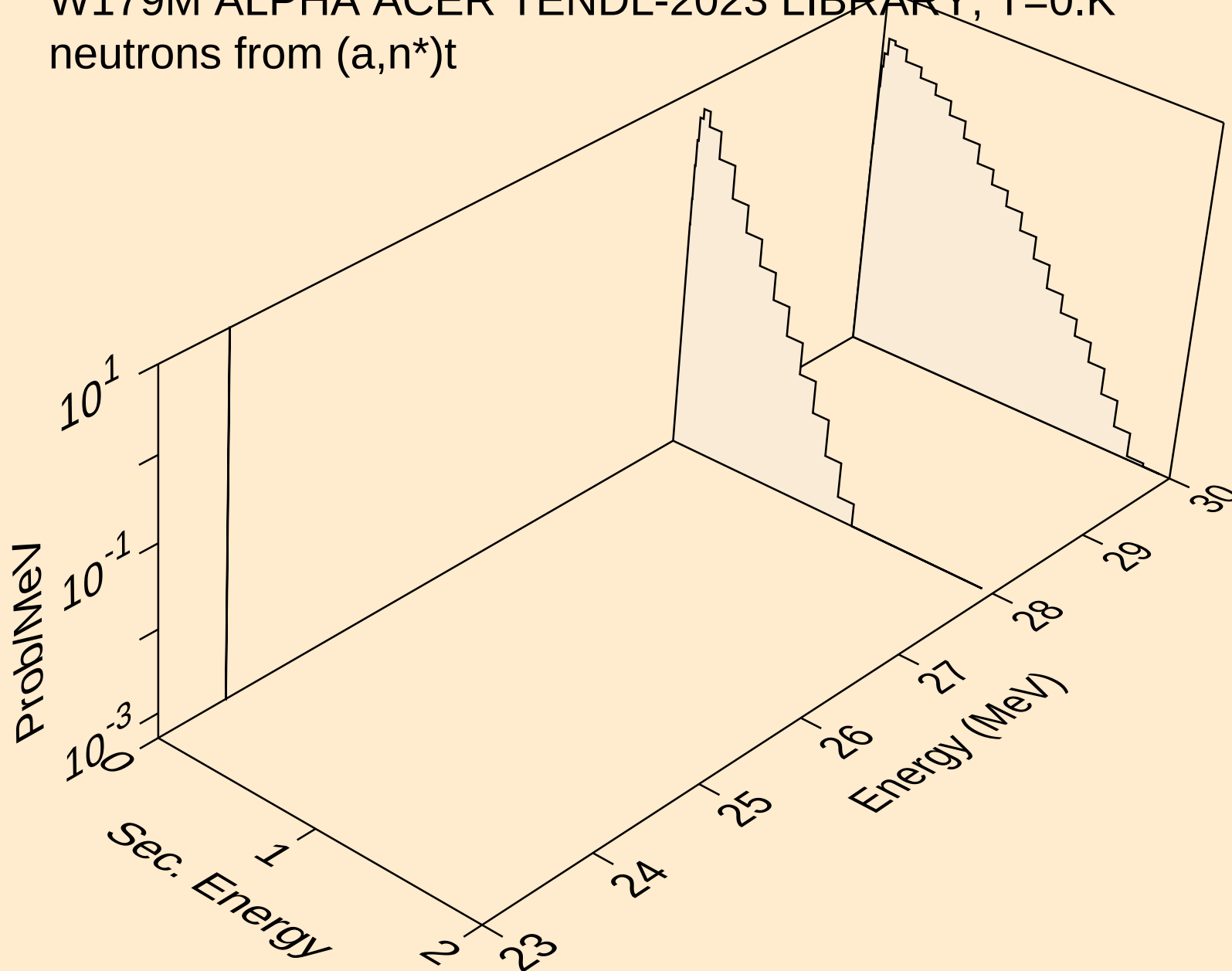
W179M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n*)p



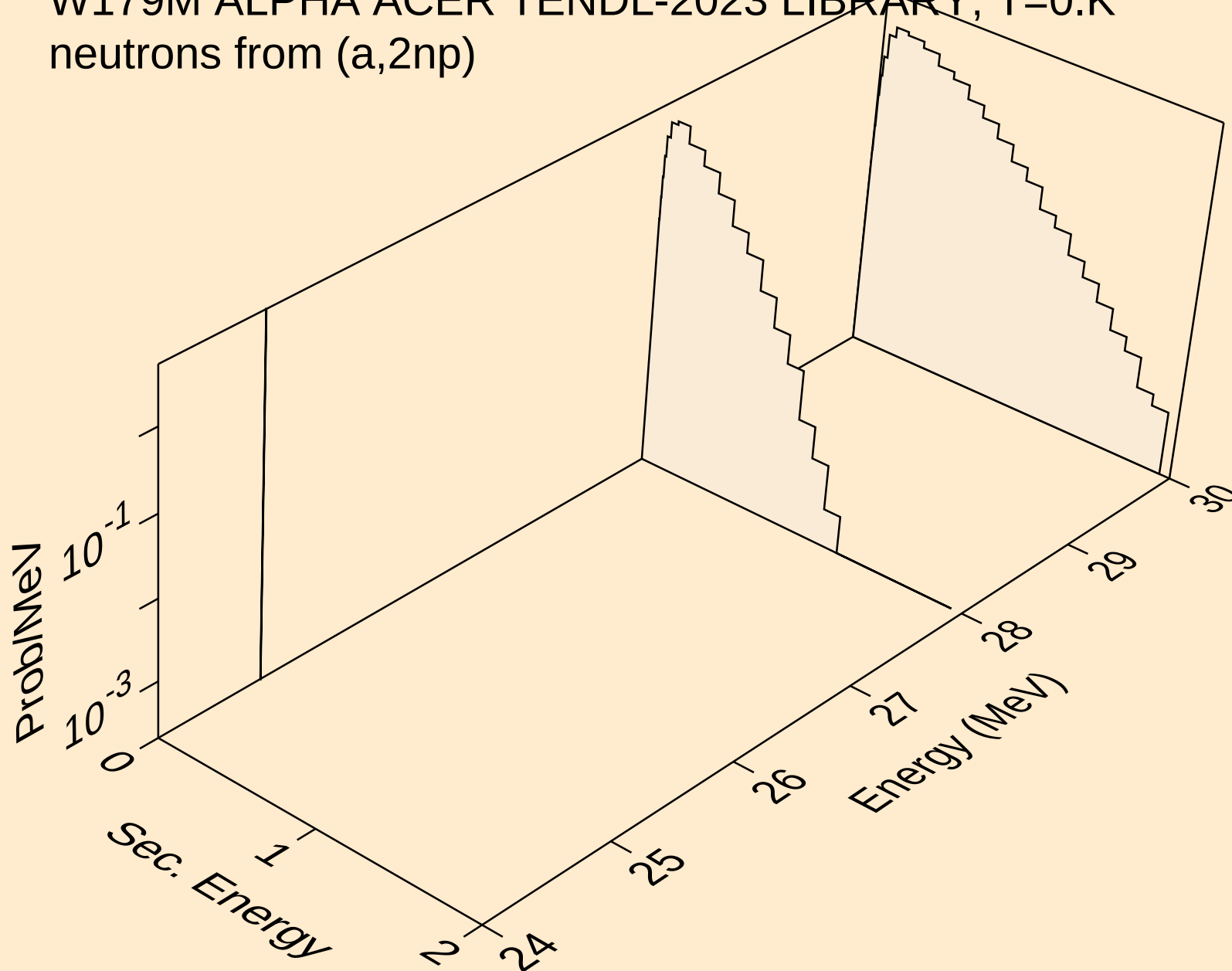
W179M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n*)d



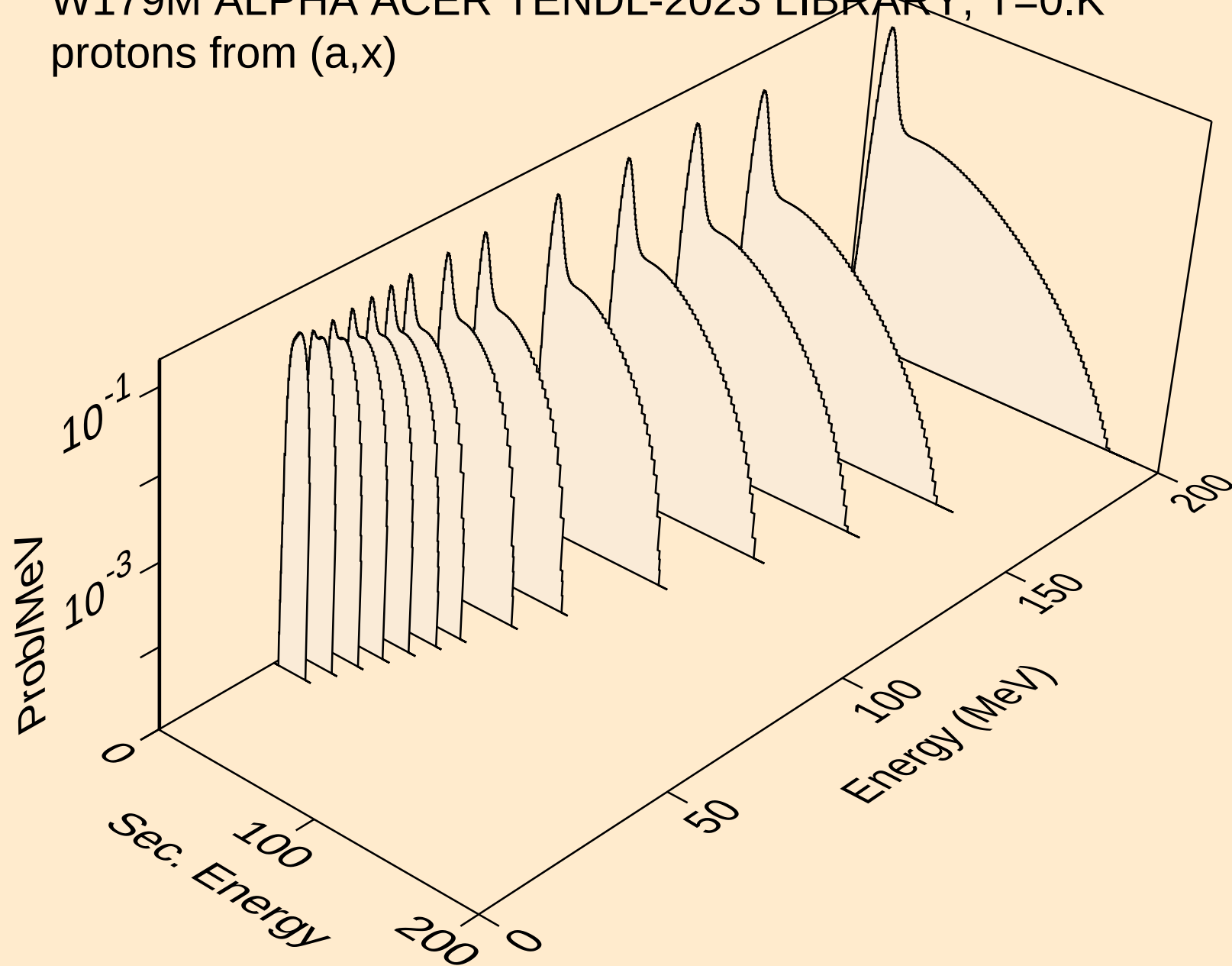
W179M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,n*)t



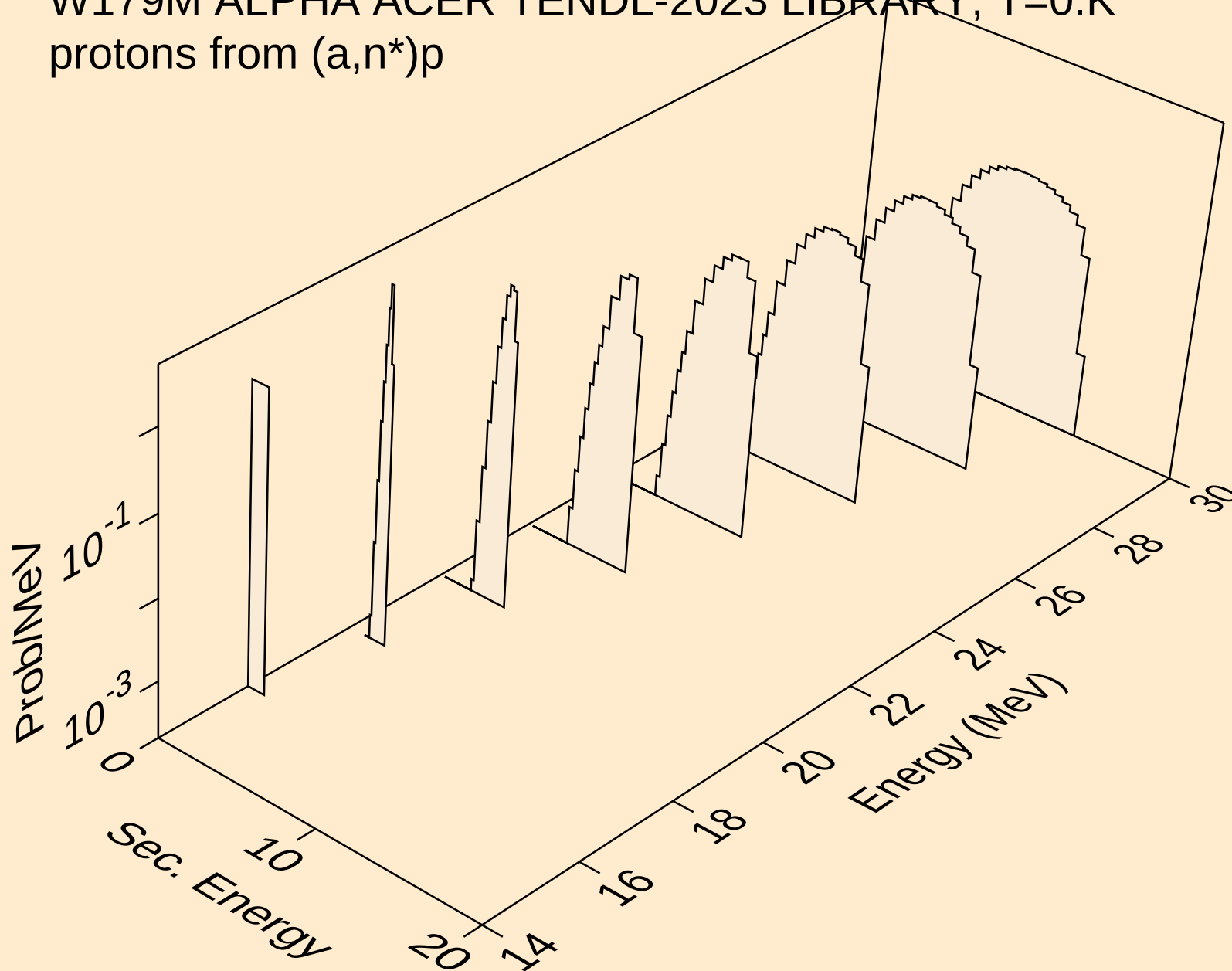
W179M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
neutrons from (a,2np)



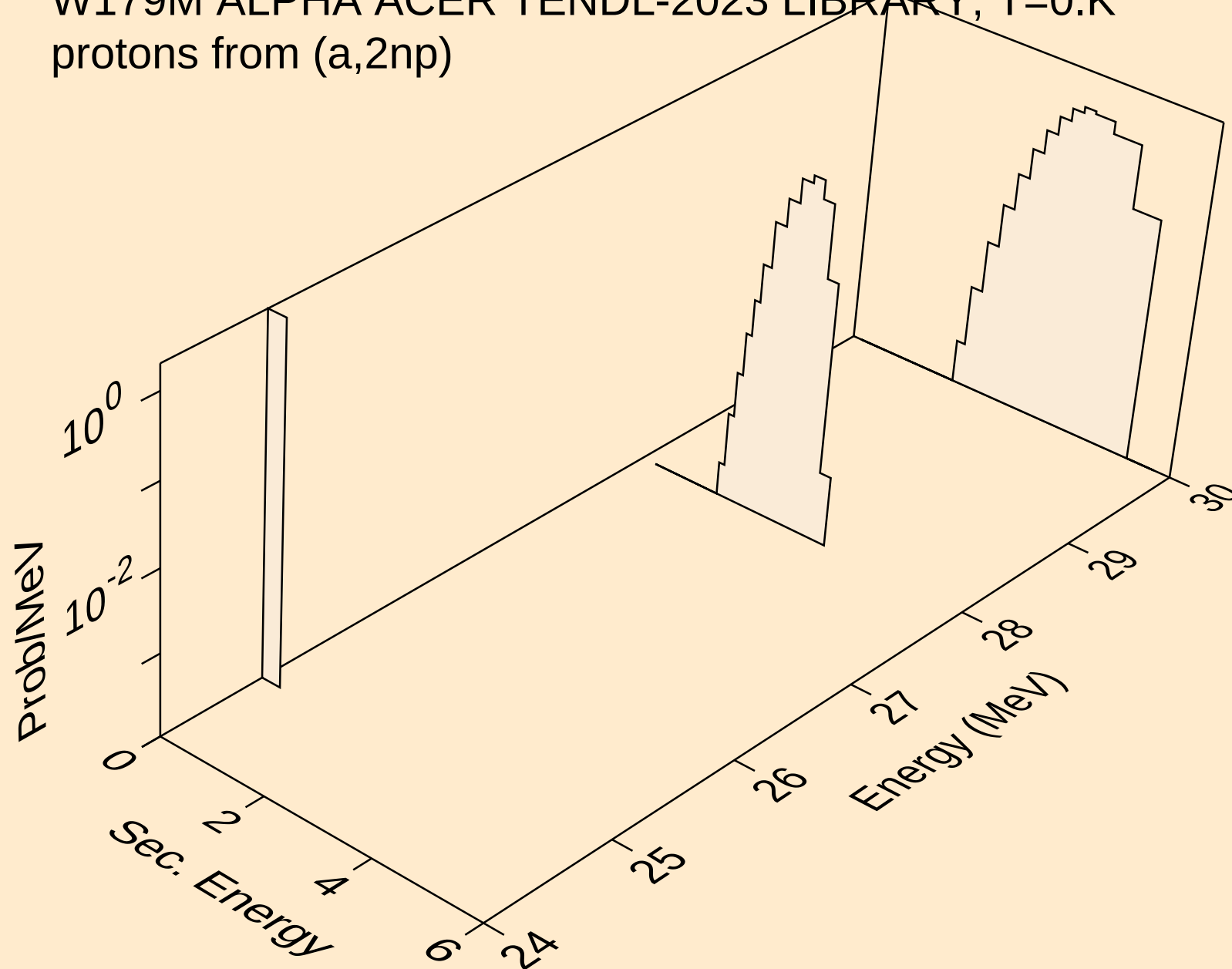
W179M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
protons from (a,x)



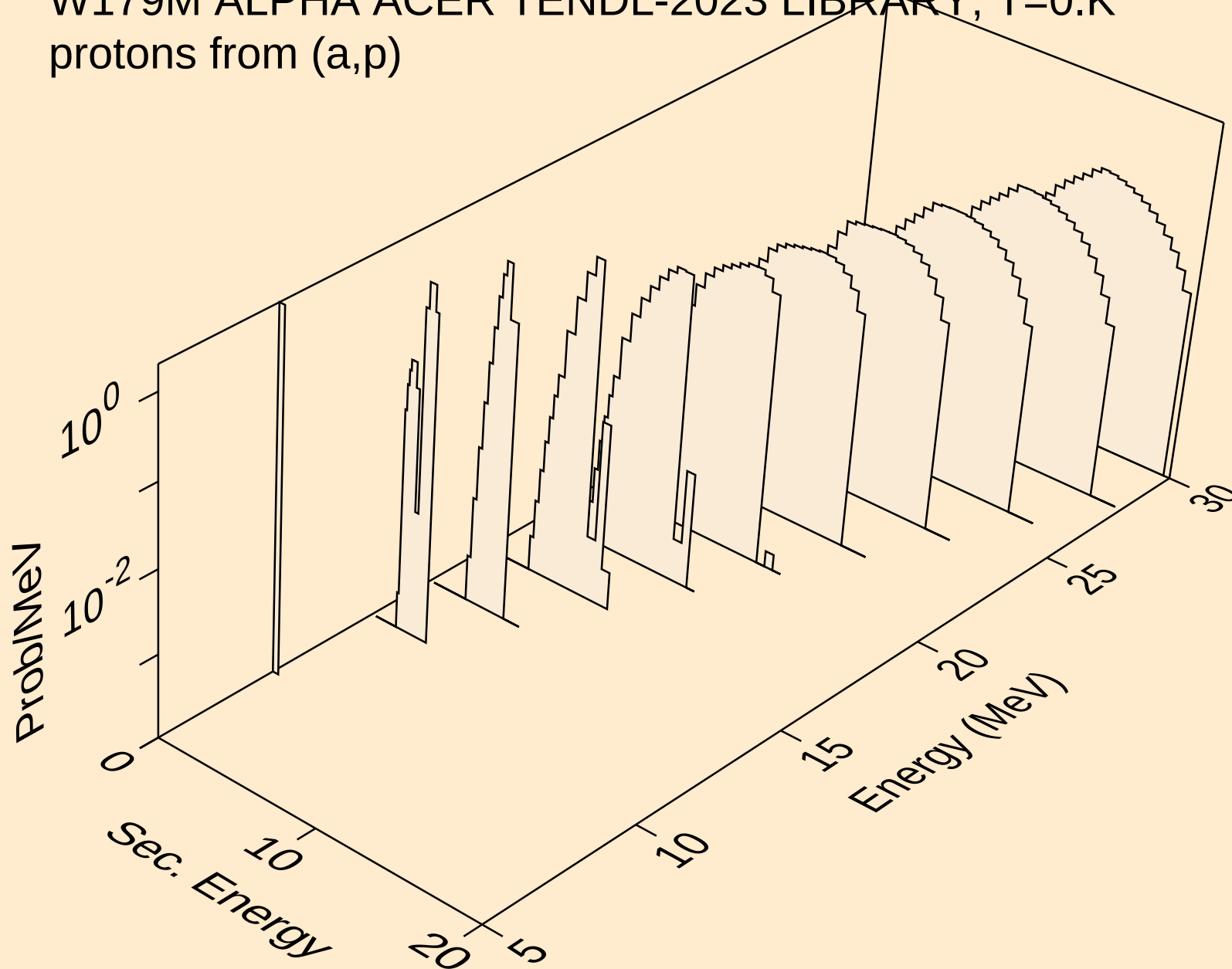
W179M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
protons from (a,n*)p



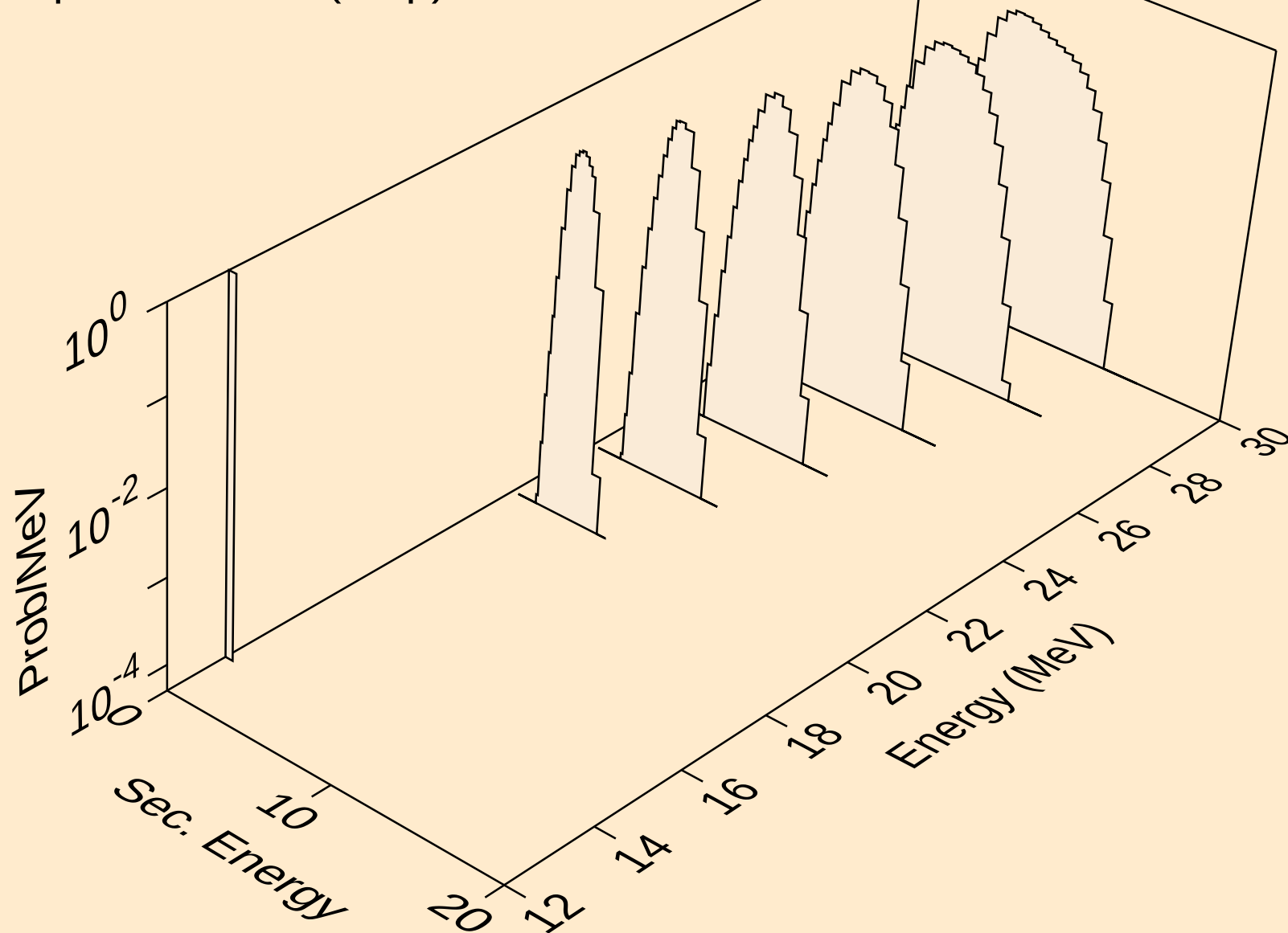
W179M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
protons from (a,2np)



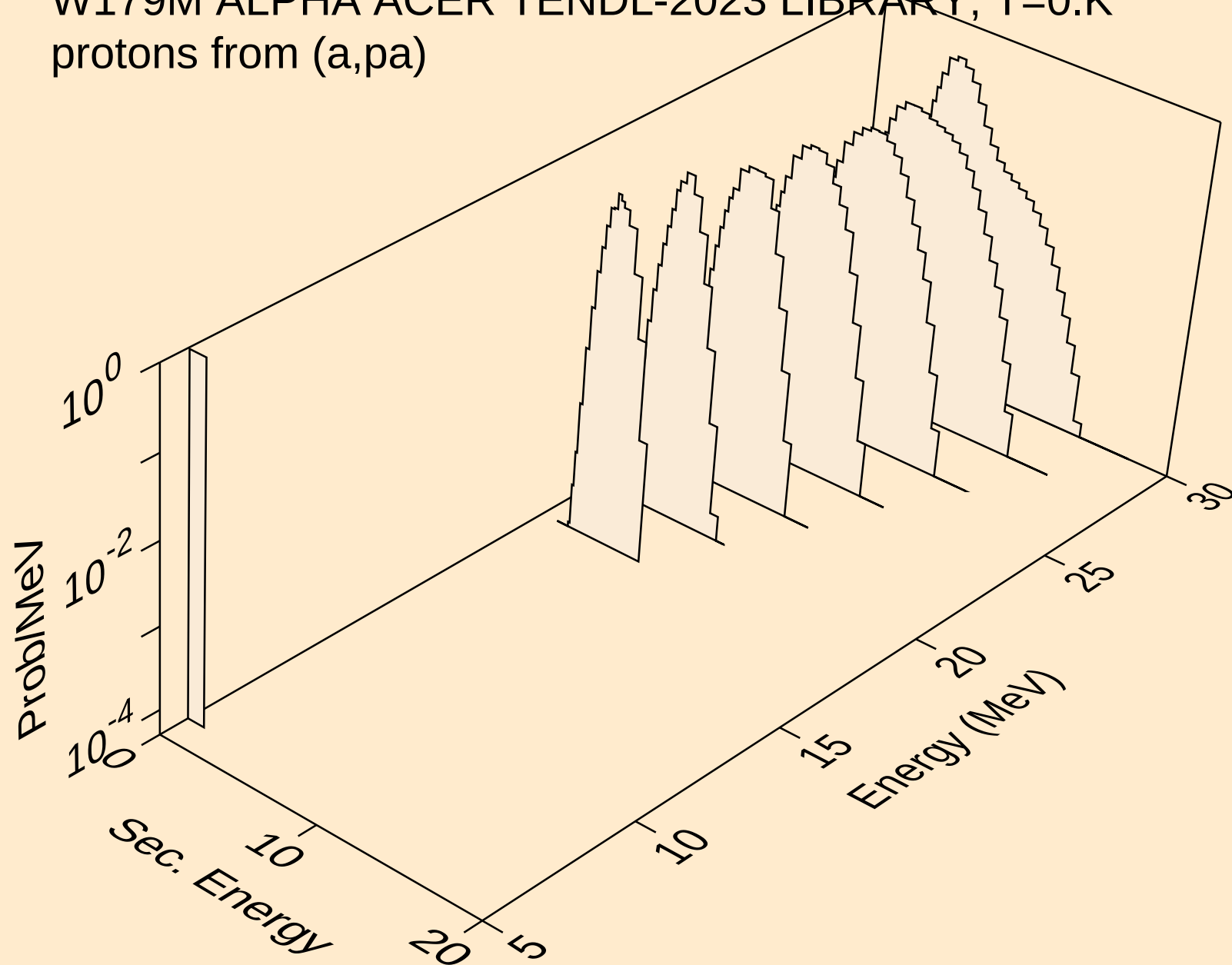
W179M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
protons from (a,p)



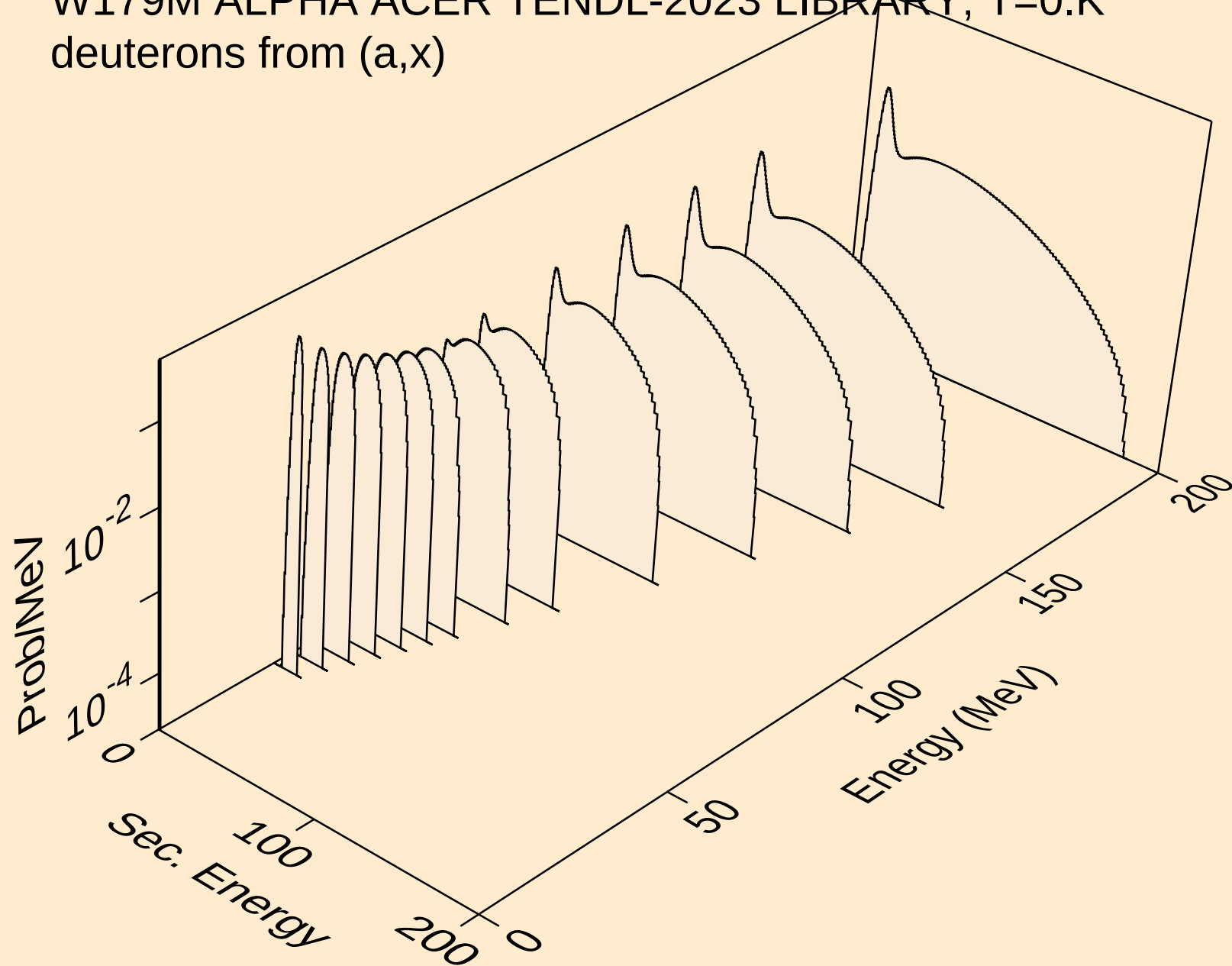
W179M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
protons from (a,2p)



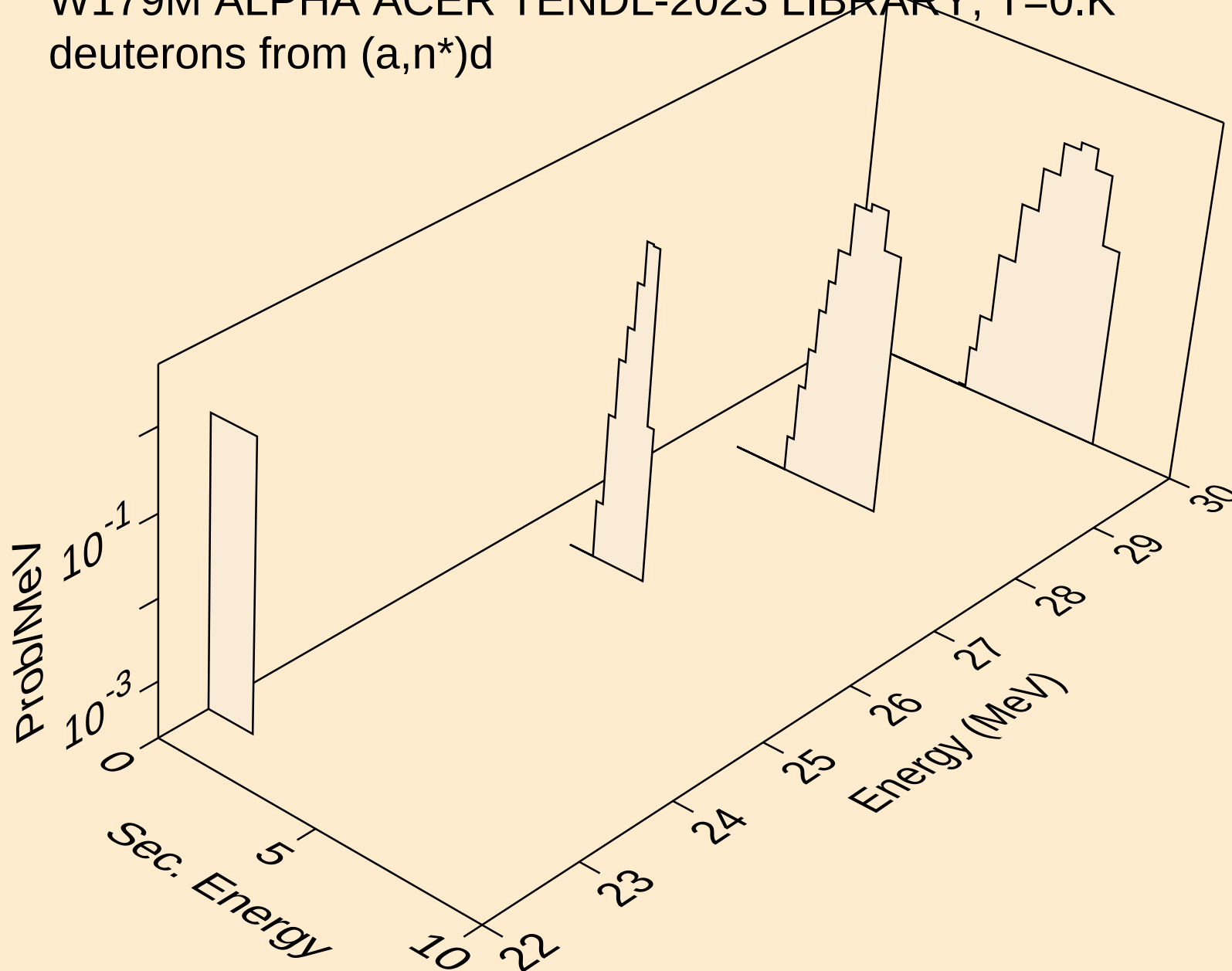
W179M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
protons from (a,pa)



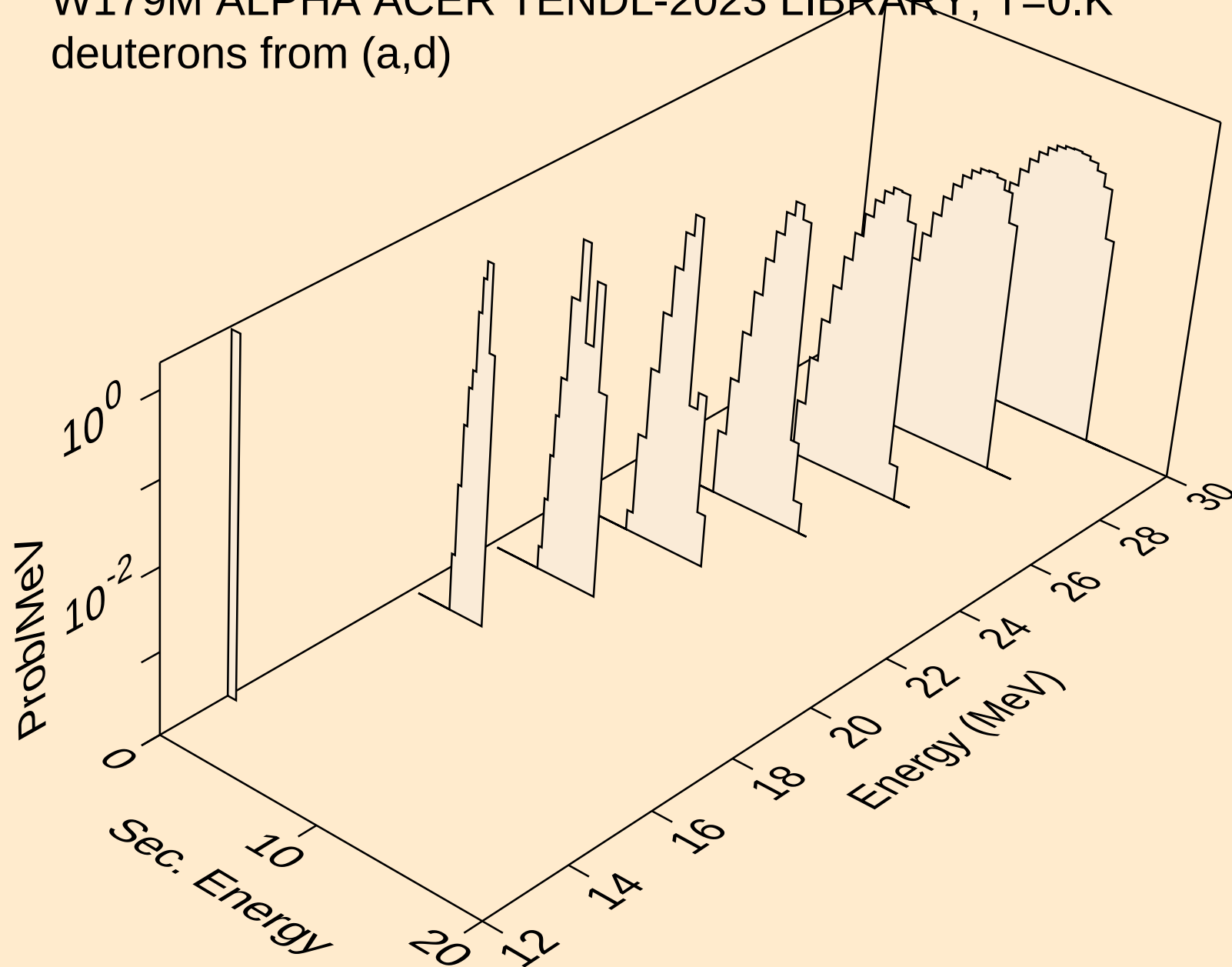
W179M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (a,x)



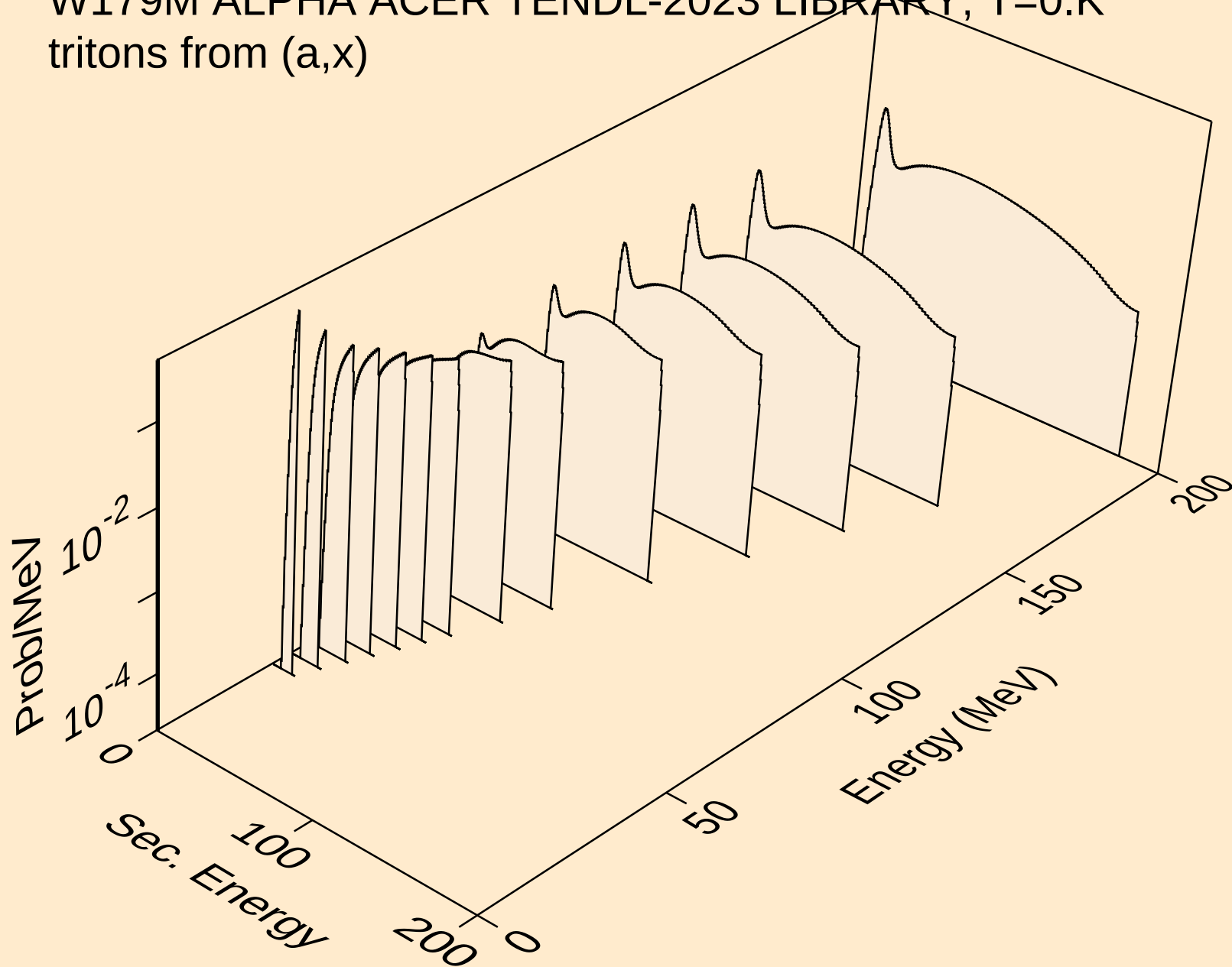
W179M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (a,n*)d



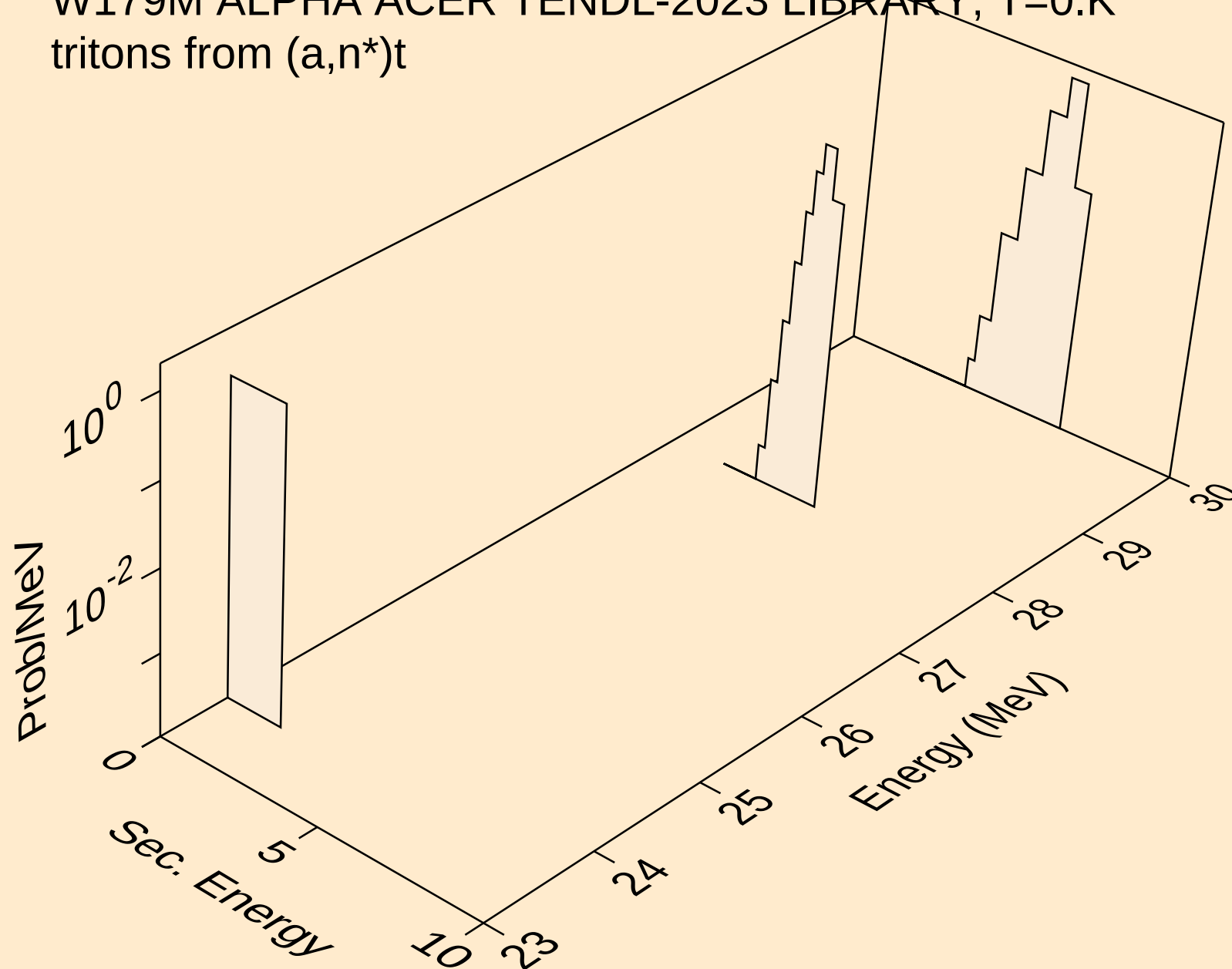
W179M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
deuterons from (a,d)



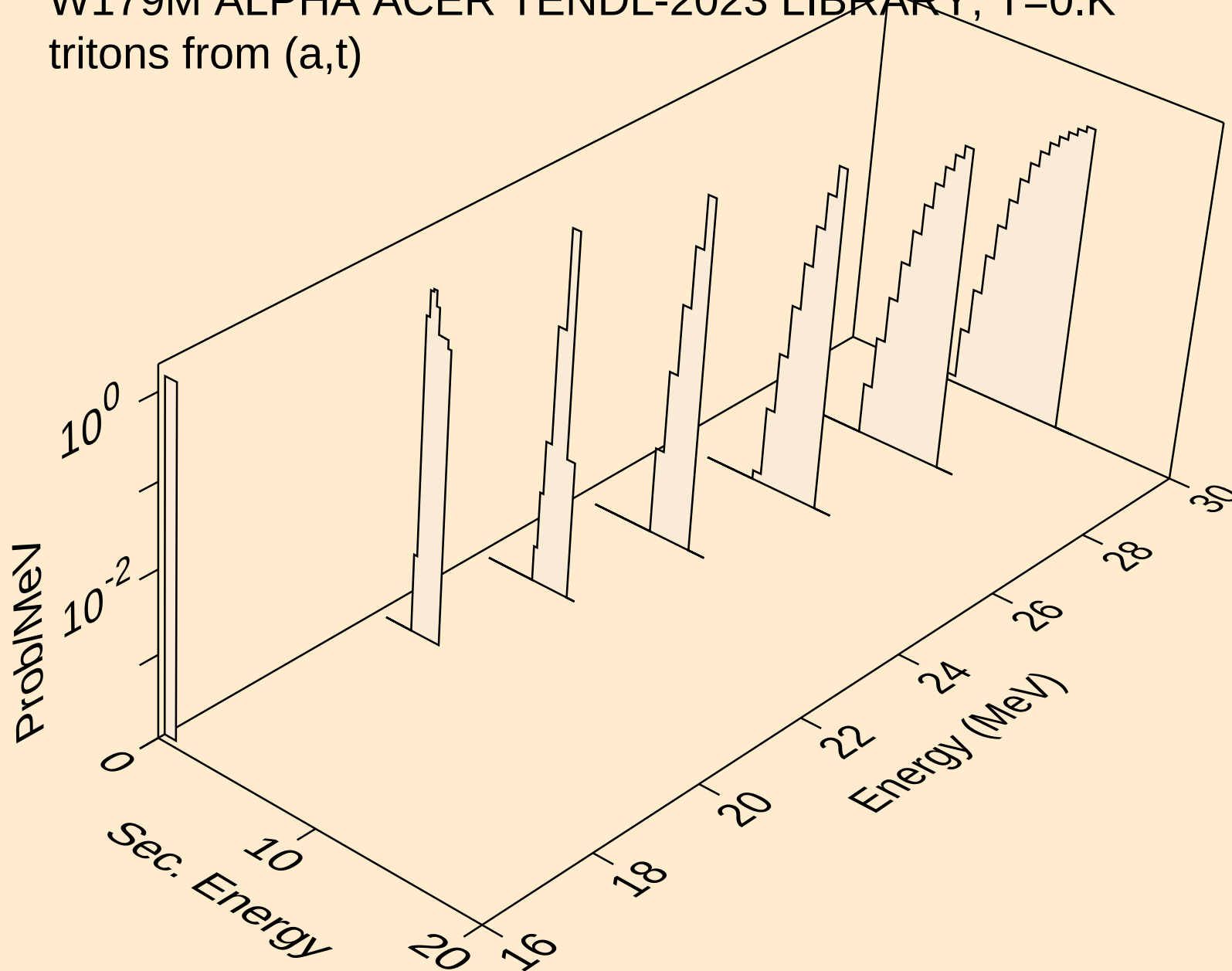
W179M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
tritons from (a,x)



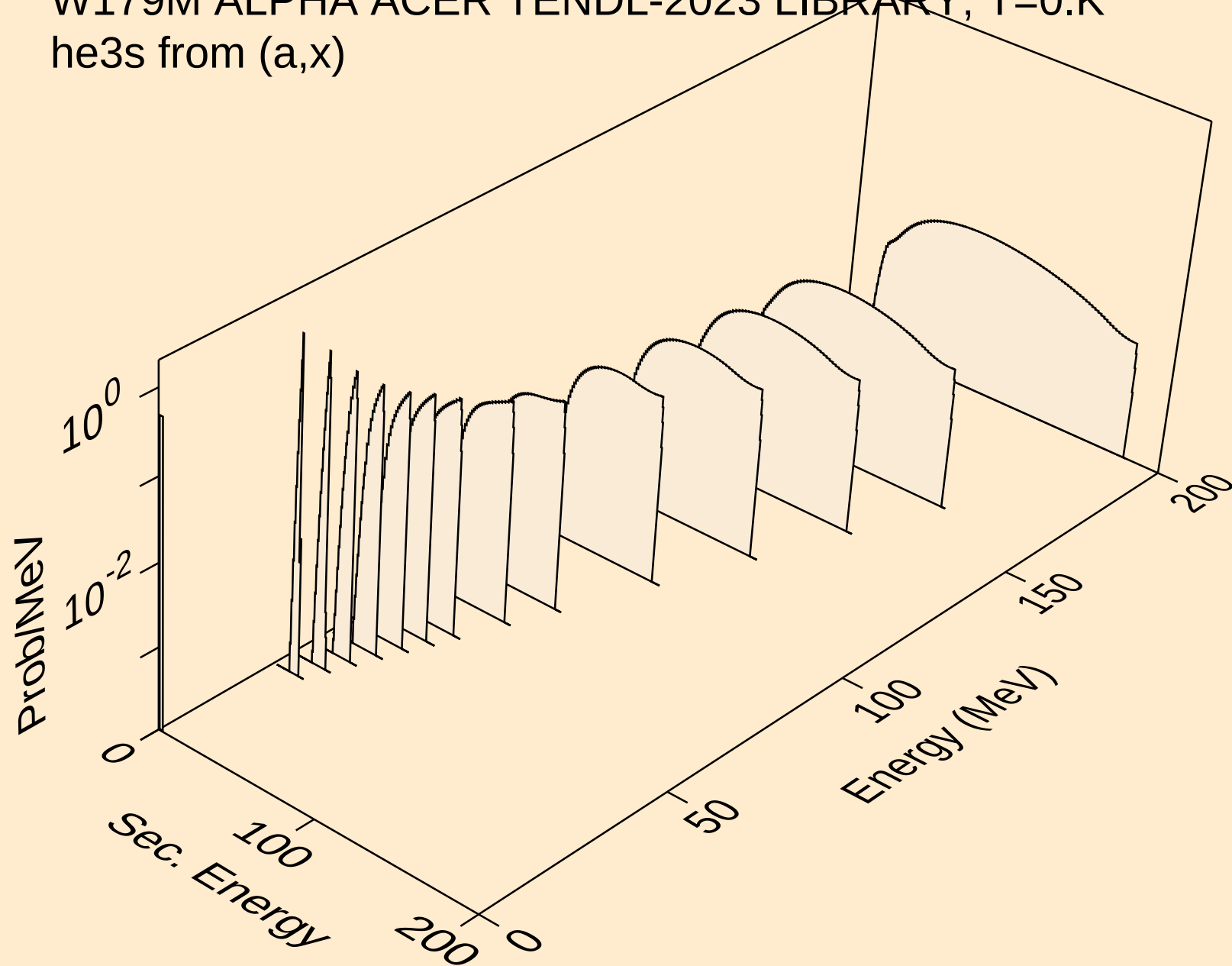
W179M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
tritons from (a,n*)t



W179M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
tritons from (a,t)



W179M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
he3s from (a,x)



W179M ALPHA ACER TENDL-2023 LIBRARY; T=0.K
he3s from (a,he3)

