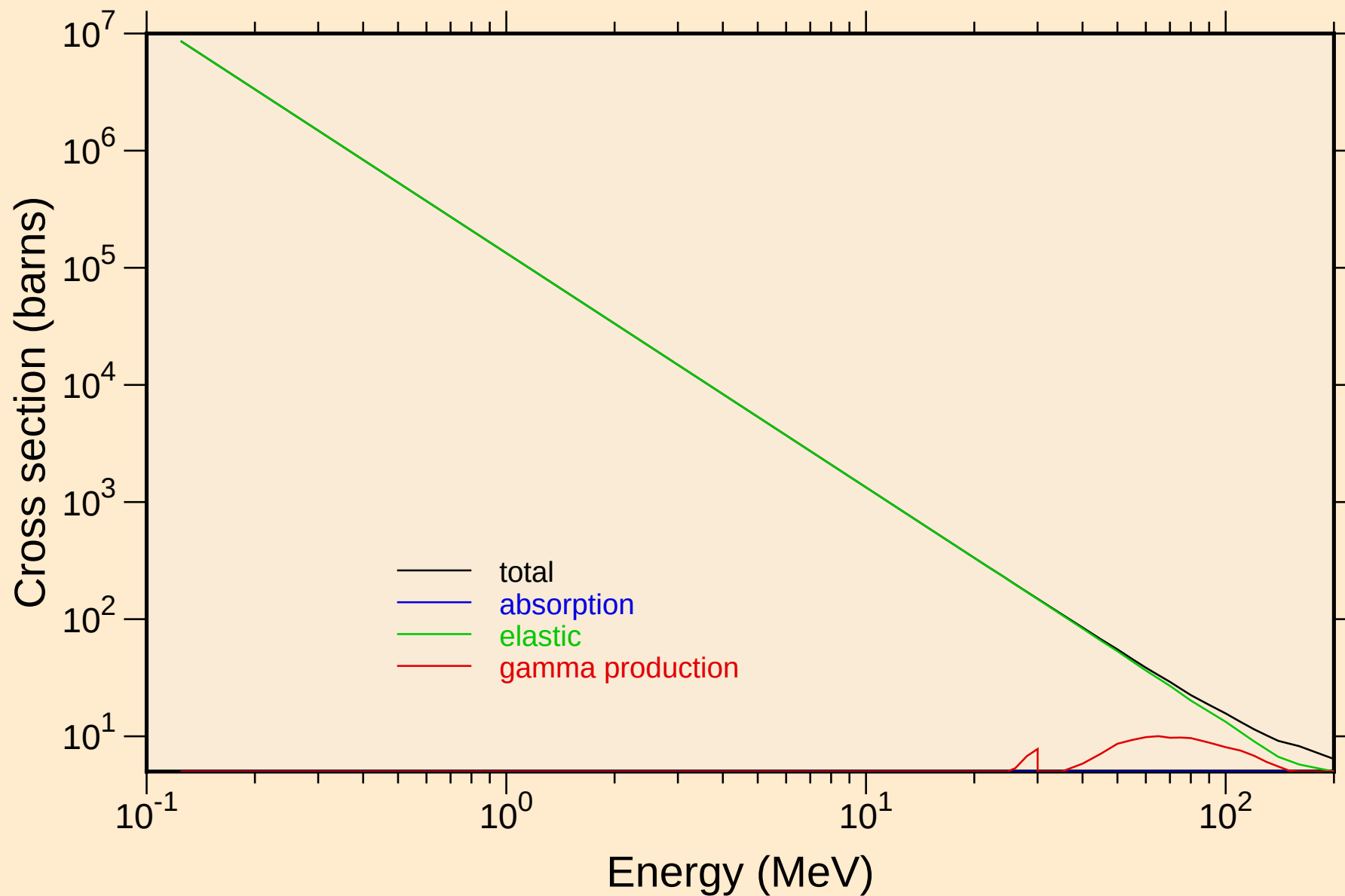


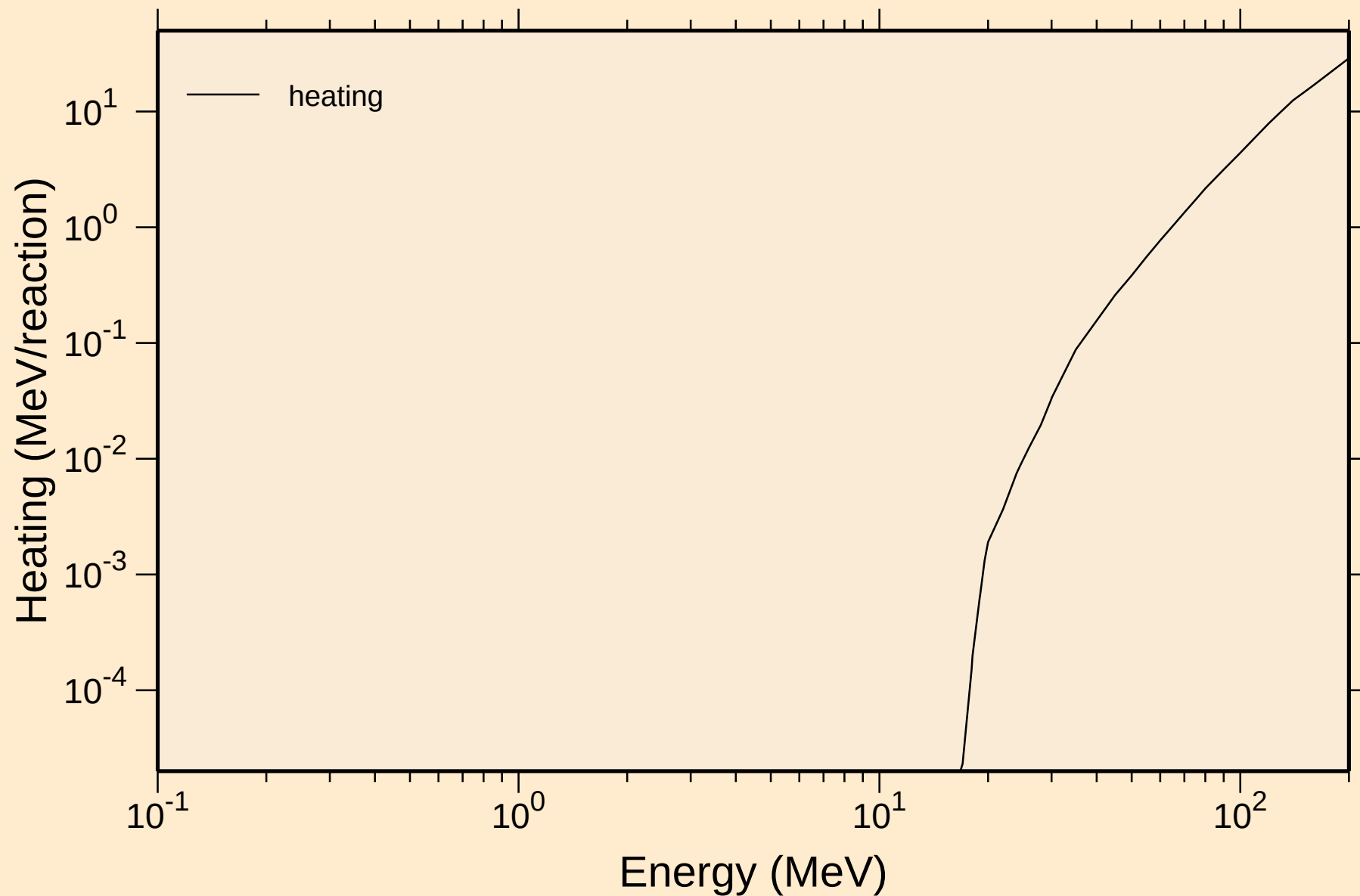
HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections



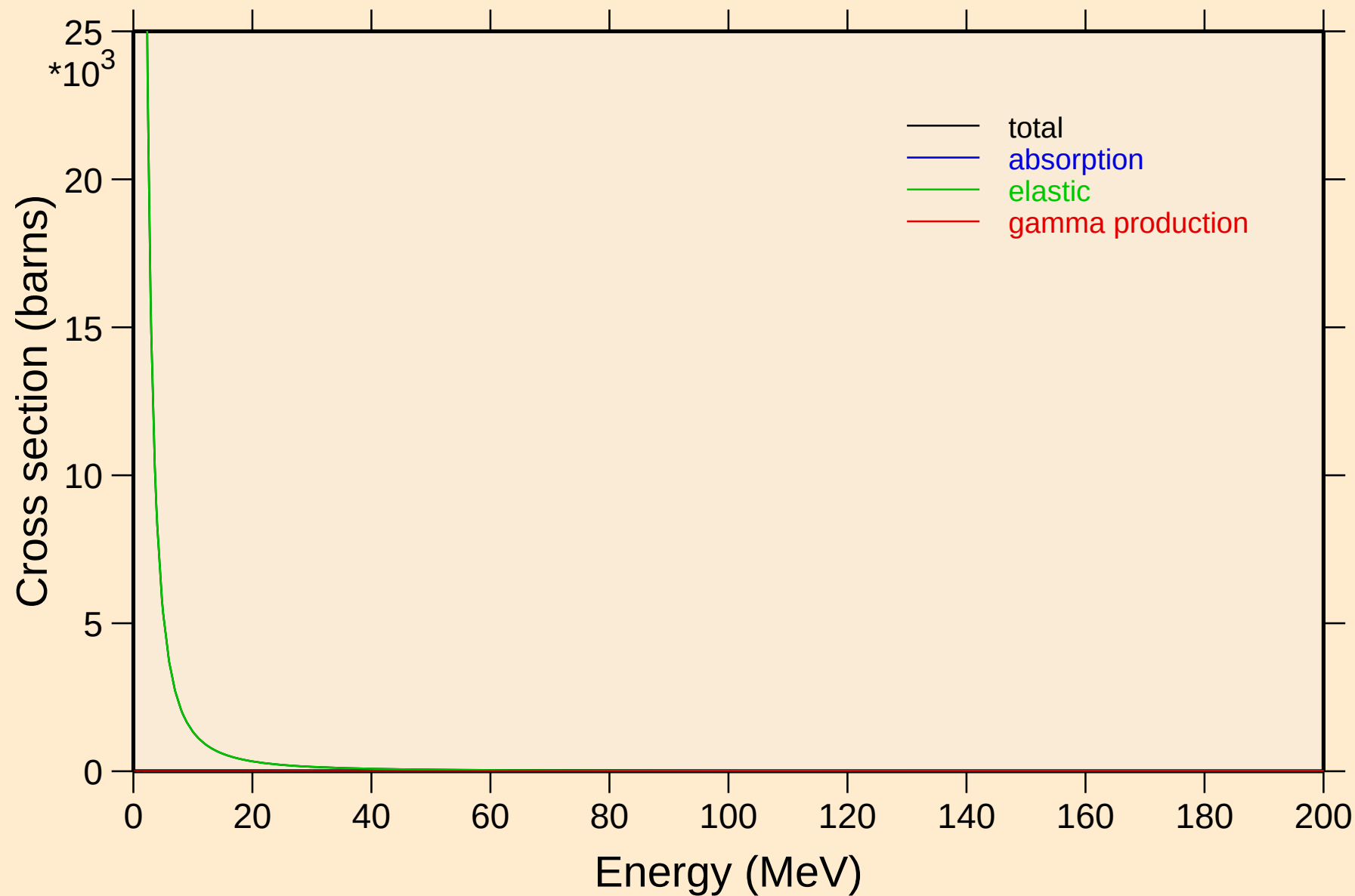
HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Heating



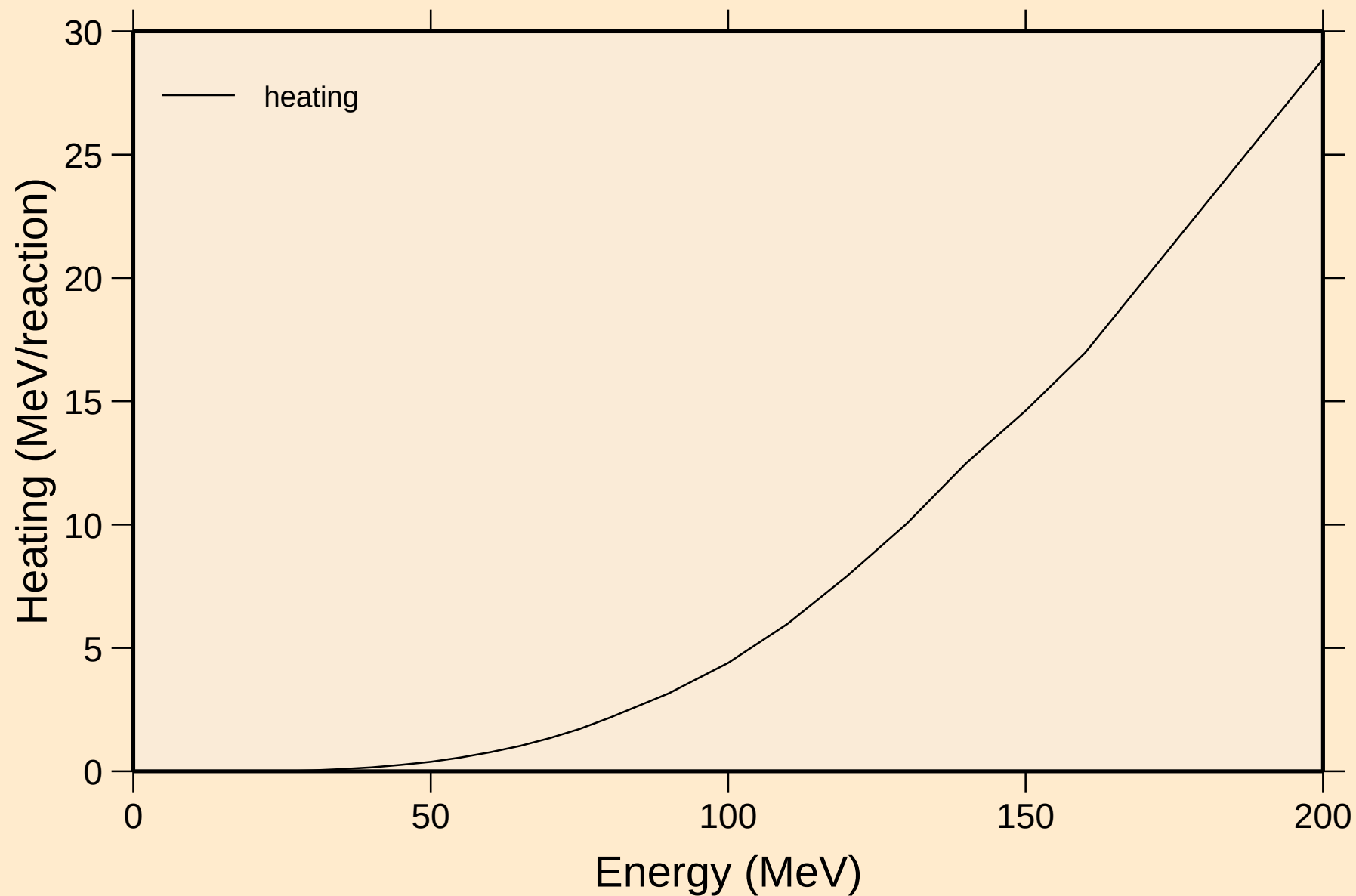
HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Principal cross sections



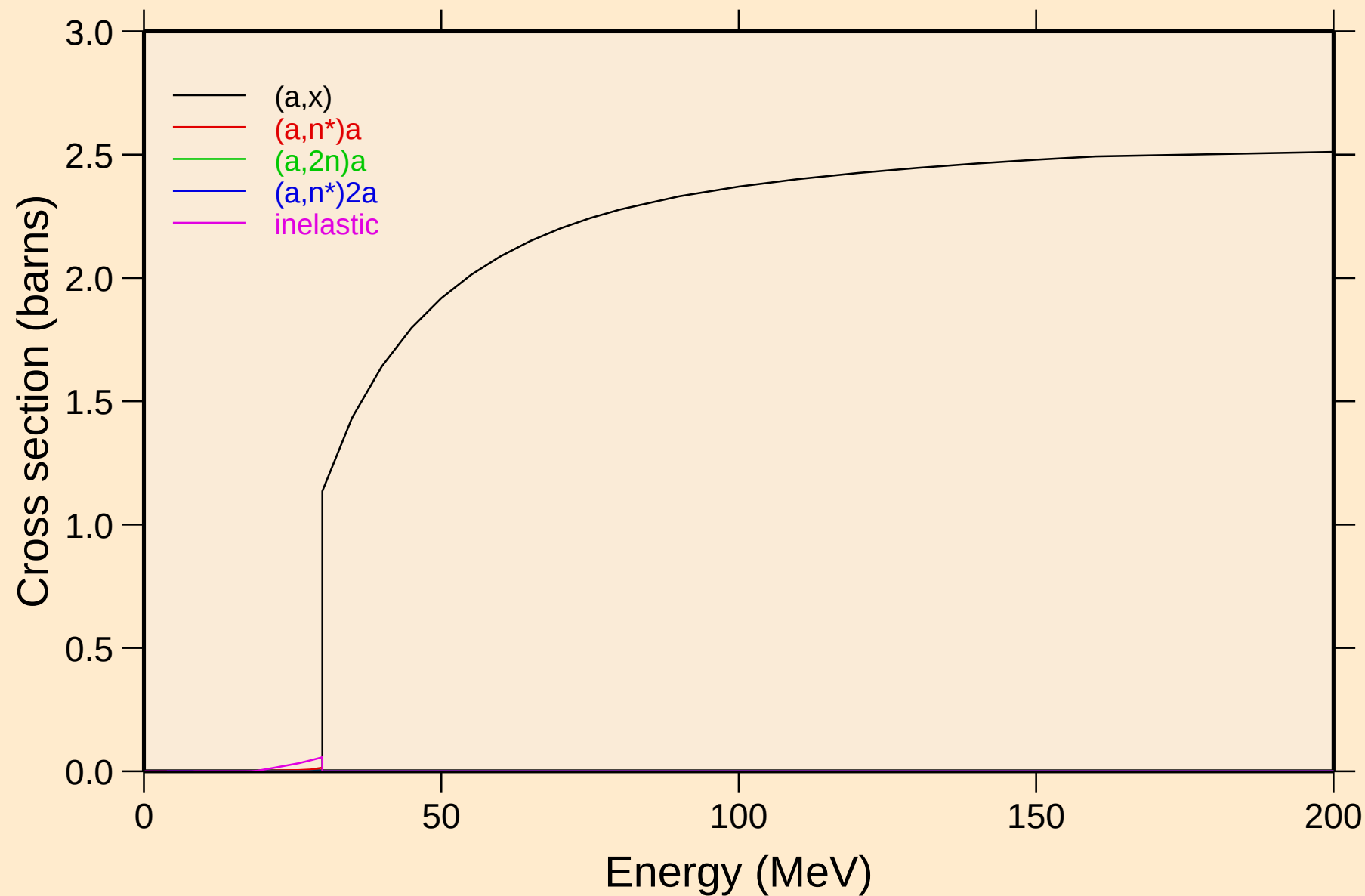
HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Heating



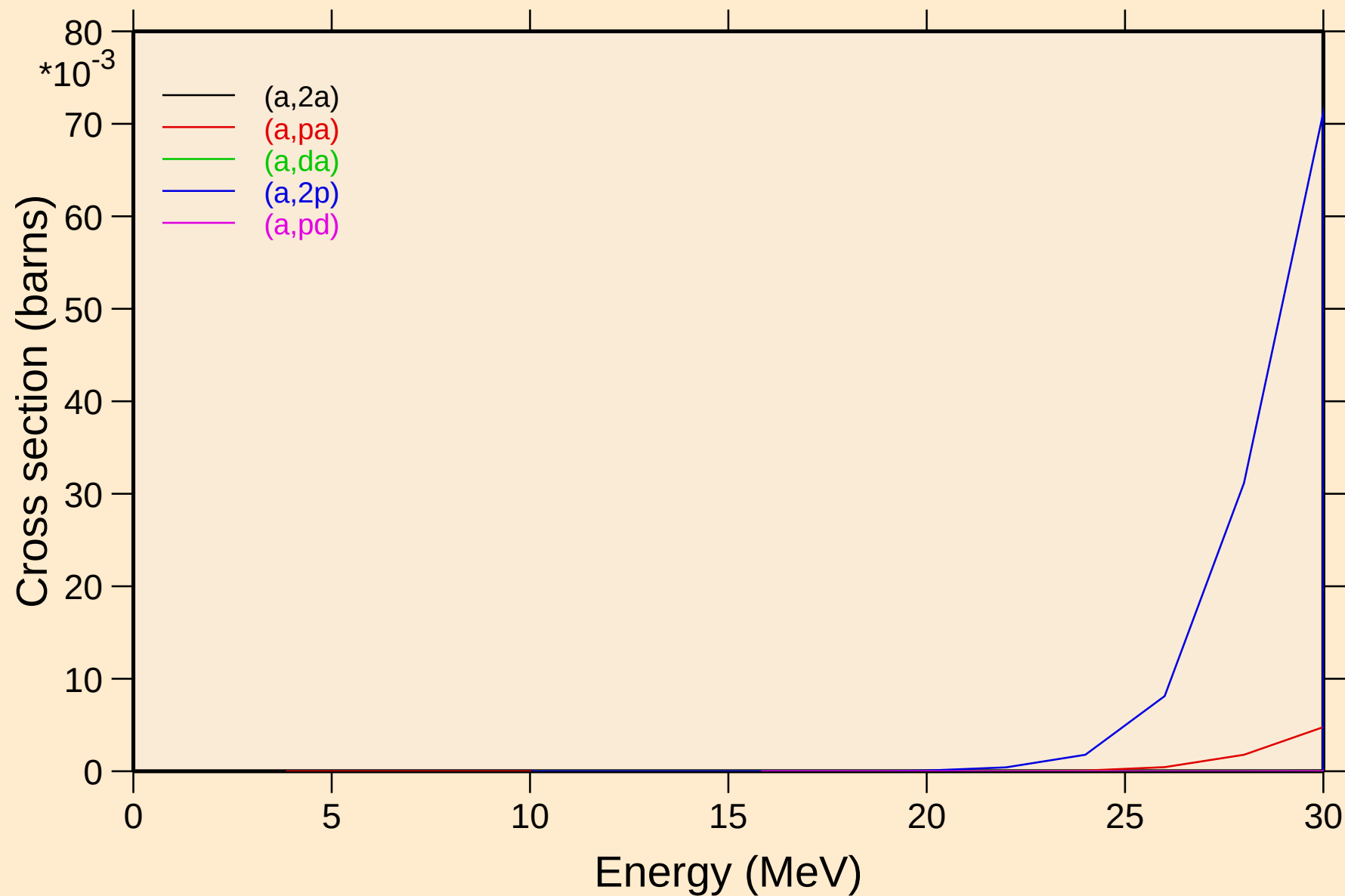
HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions



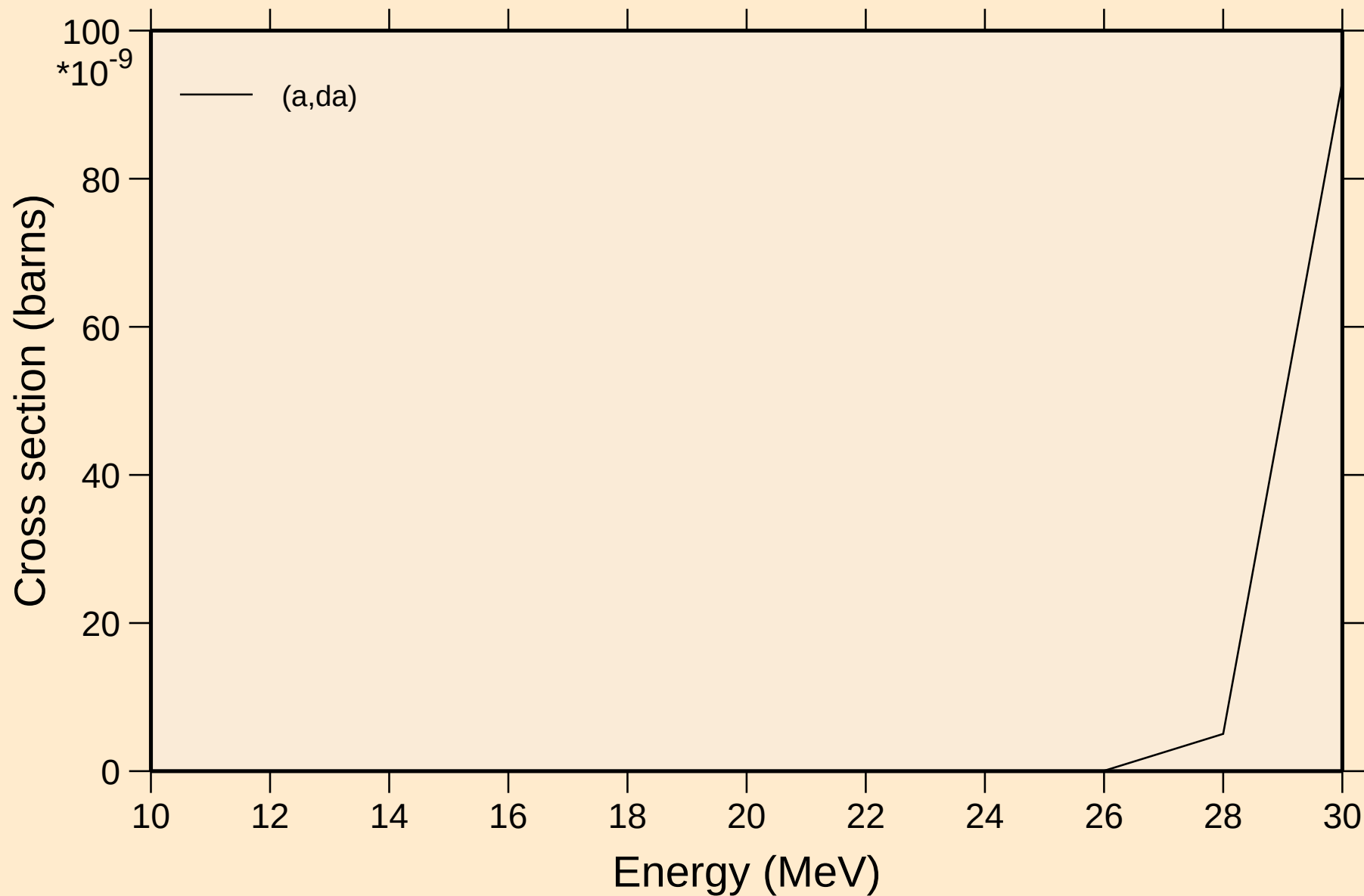
HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Threshold reactions

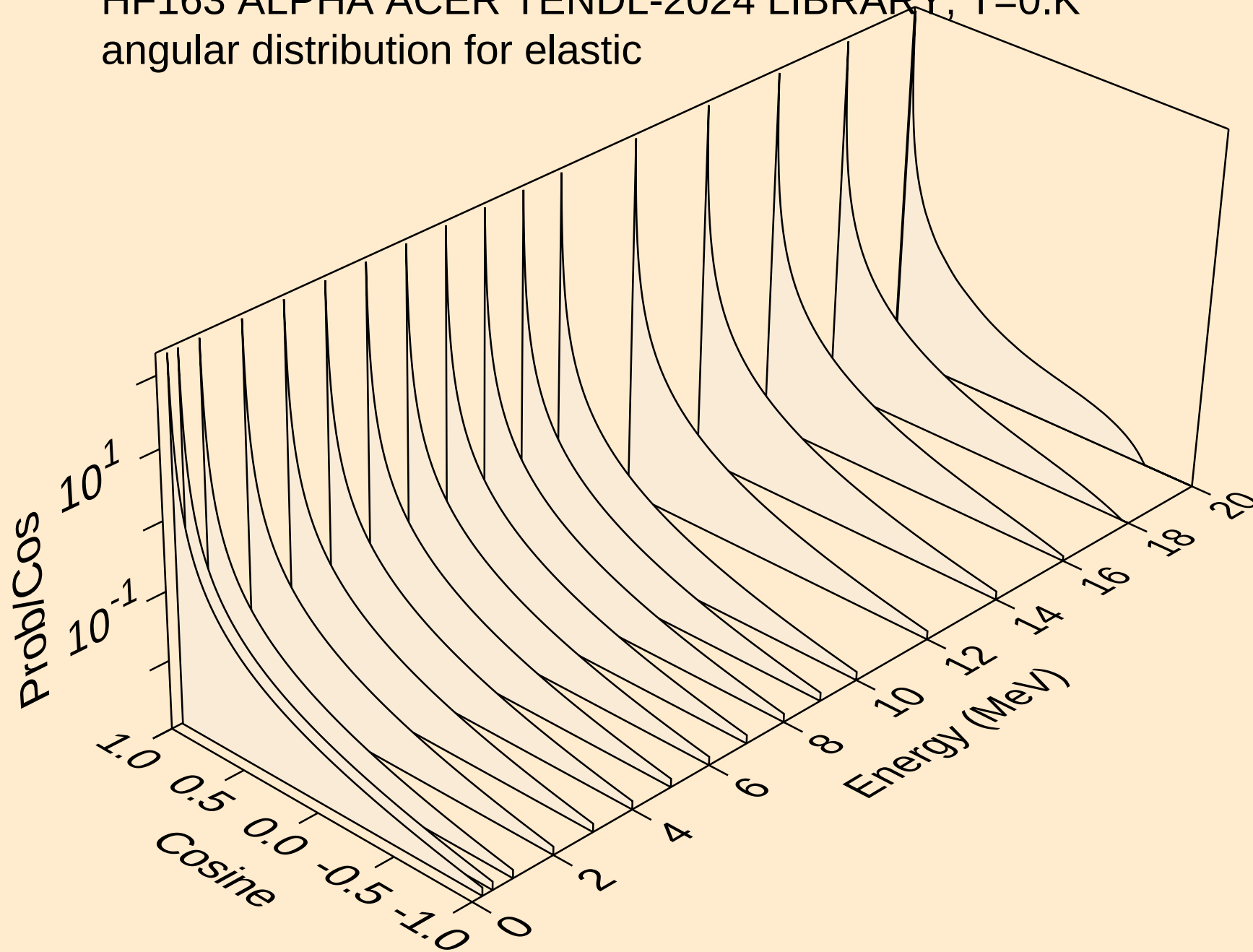


HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

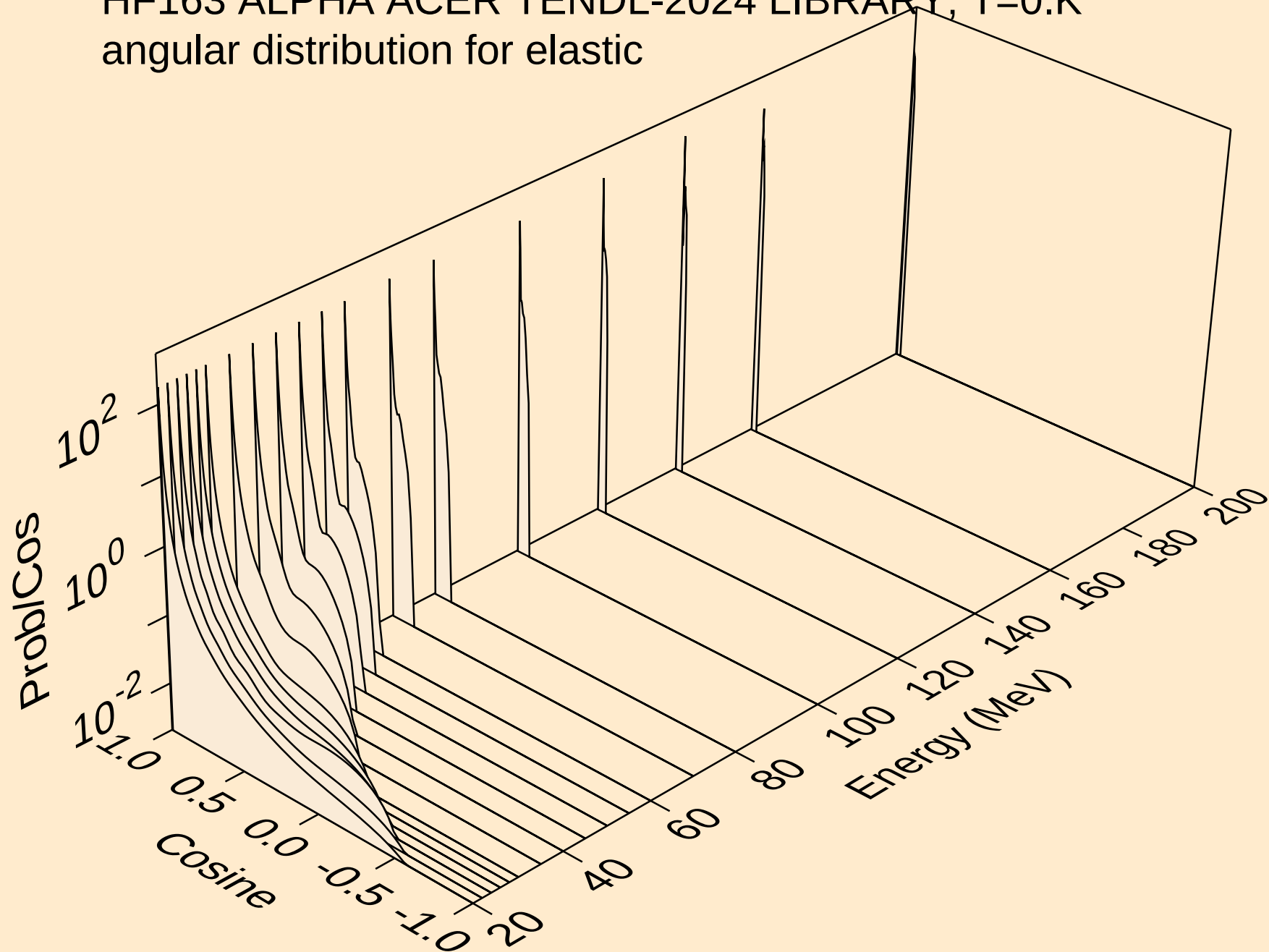
Threshold reactions



HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic

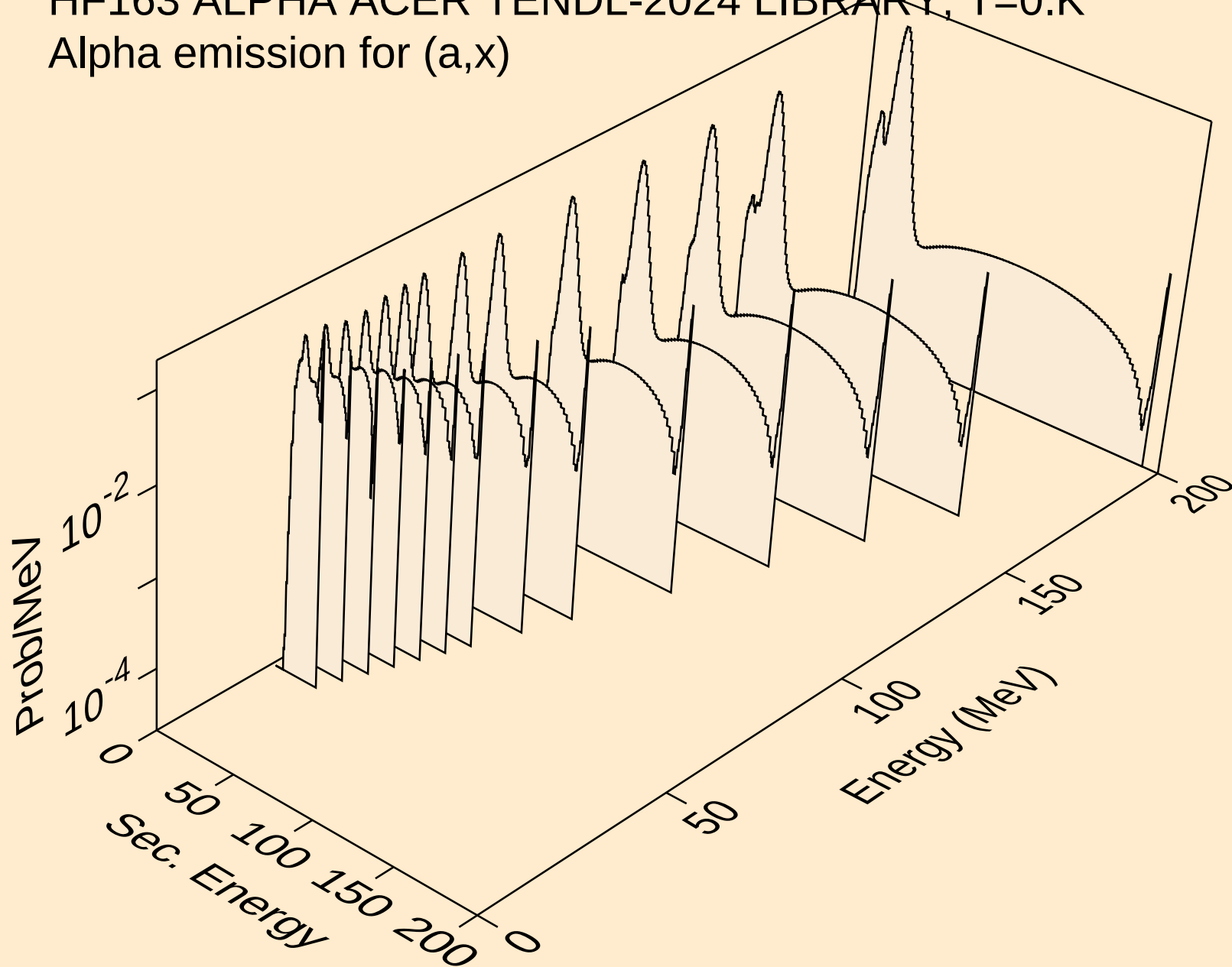


HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
angular distribution for elastic



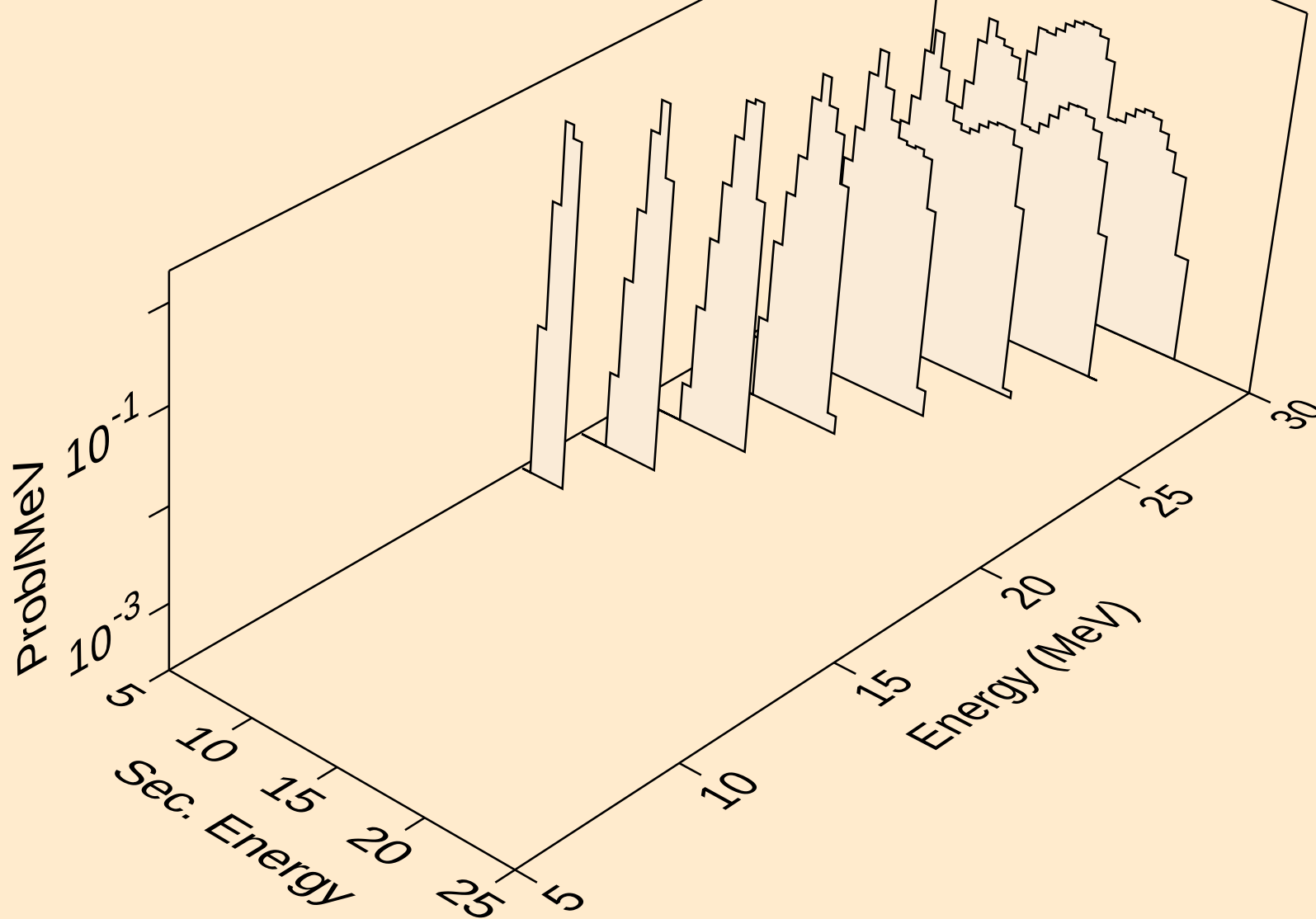
HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,x)



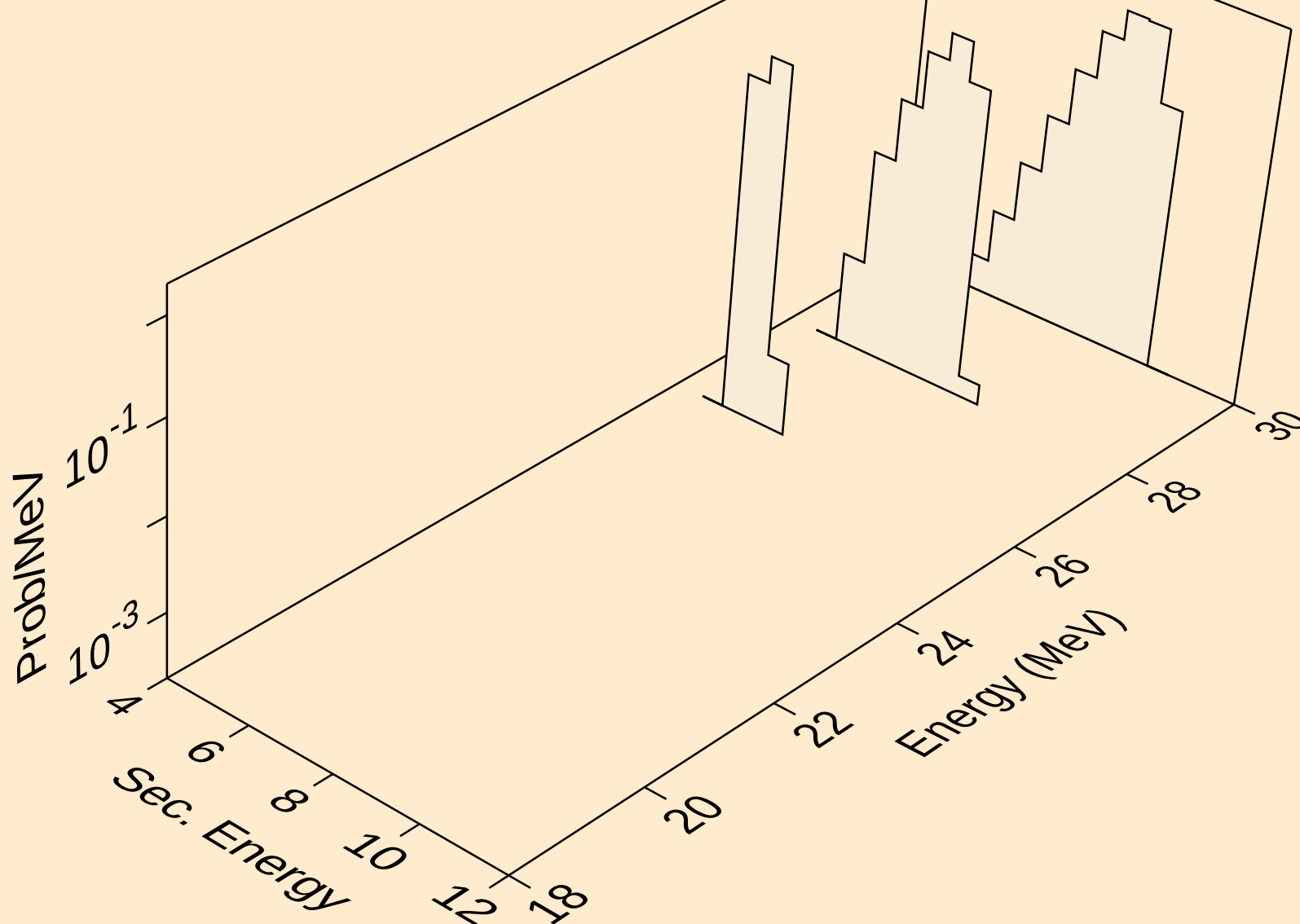
HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,n*)a



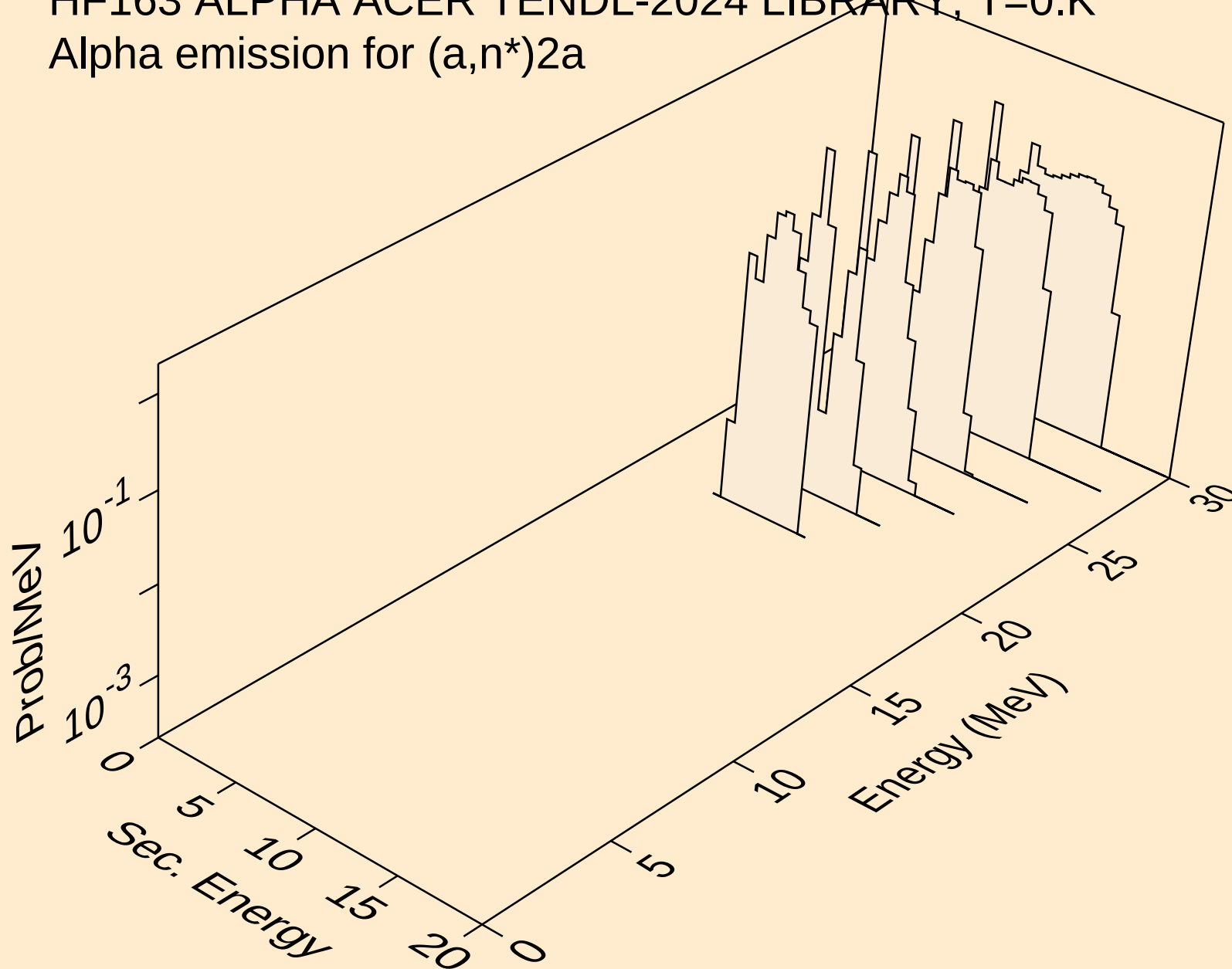
HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,2n)a



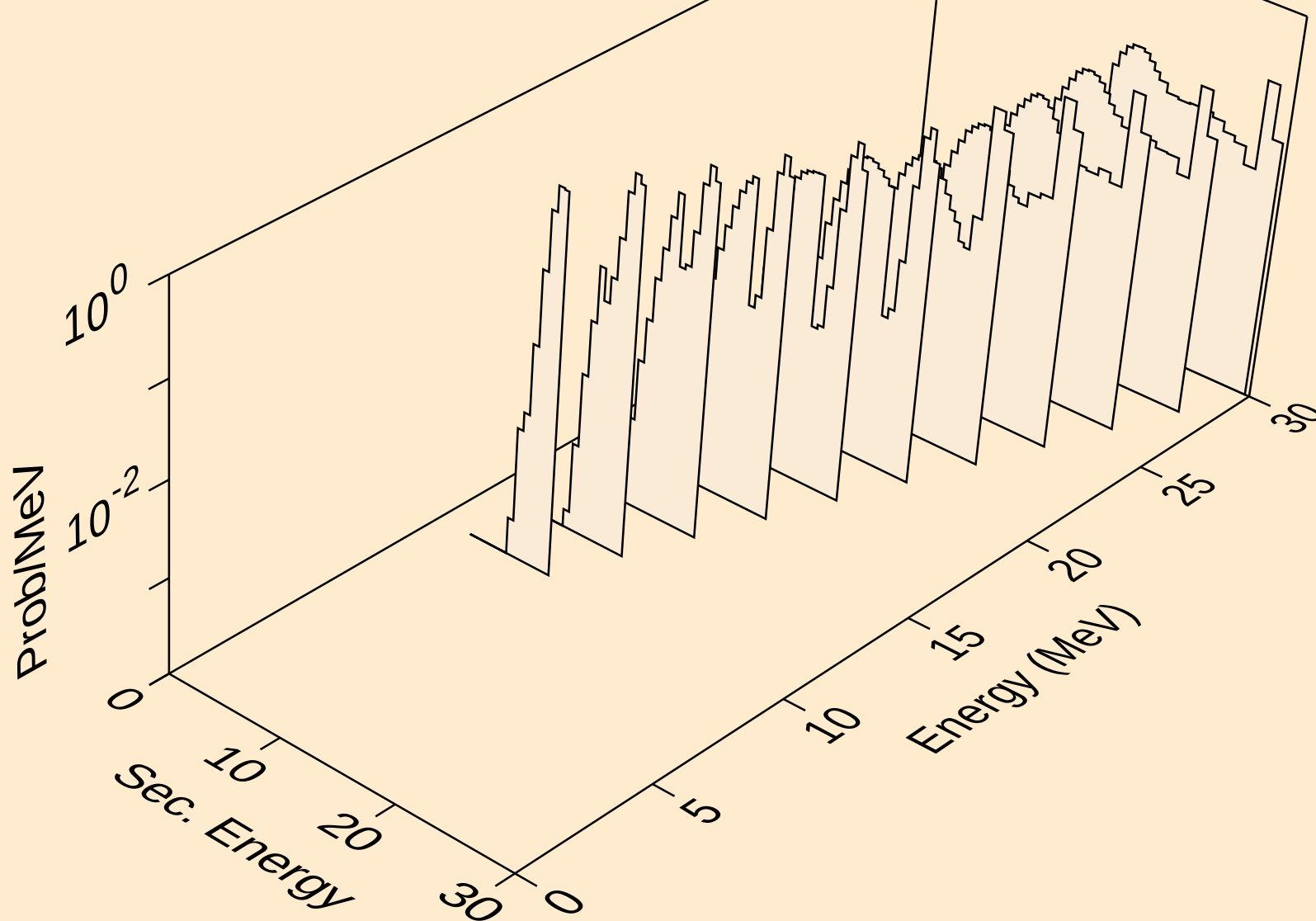
HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,n*)2a

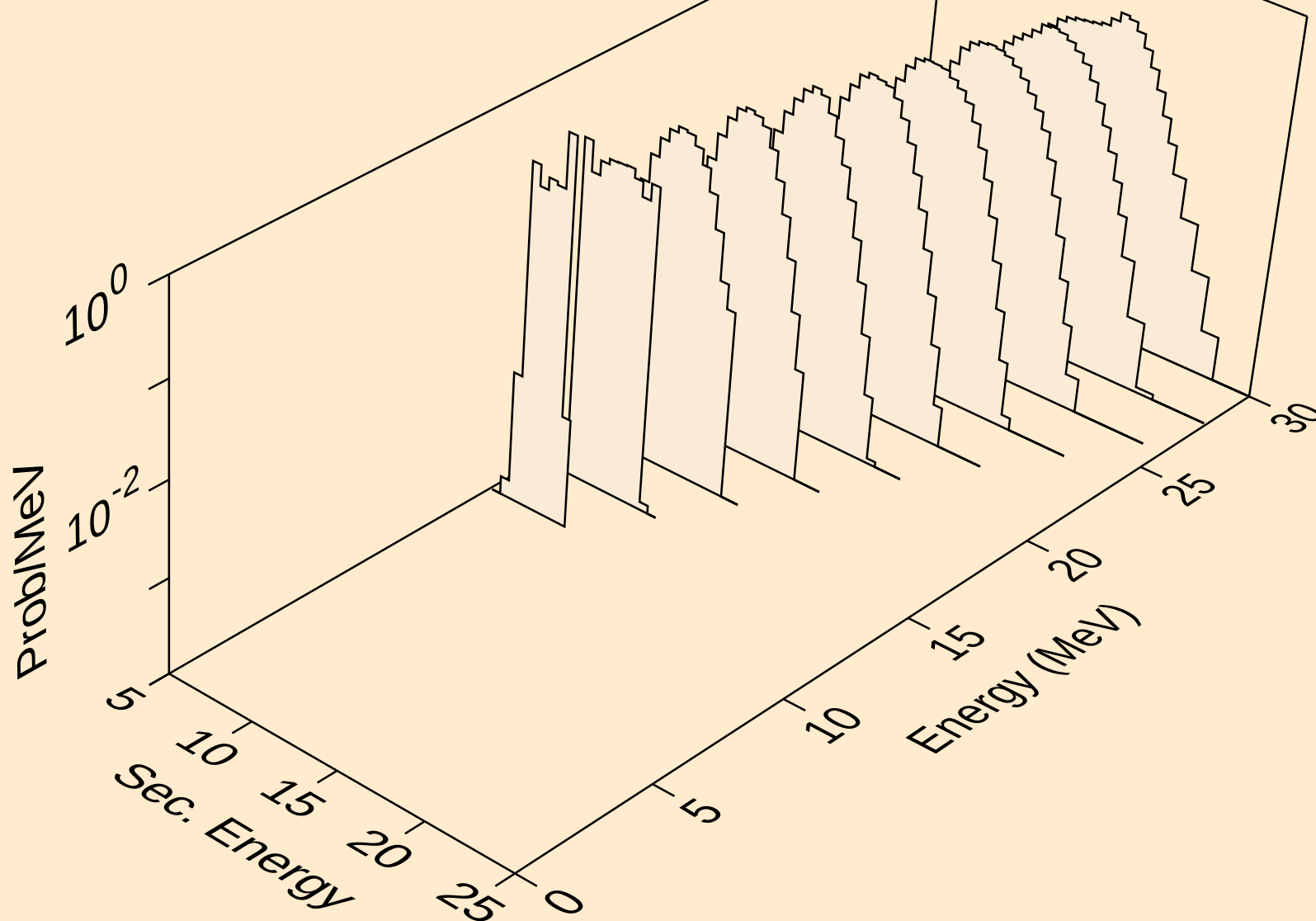


HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for inelastic

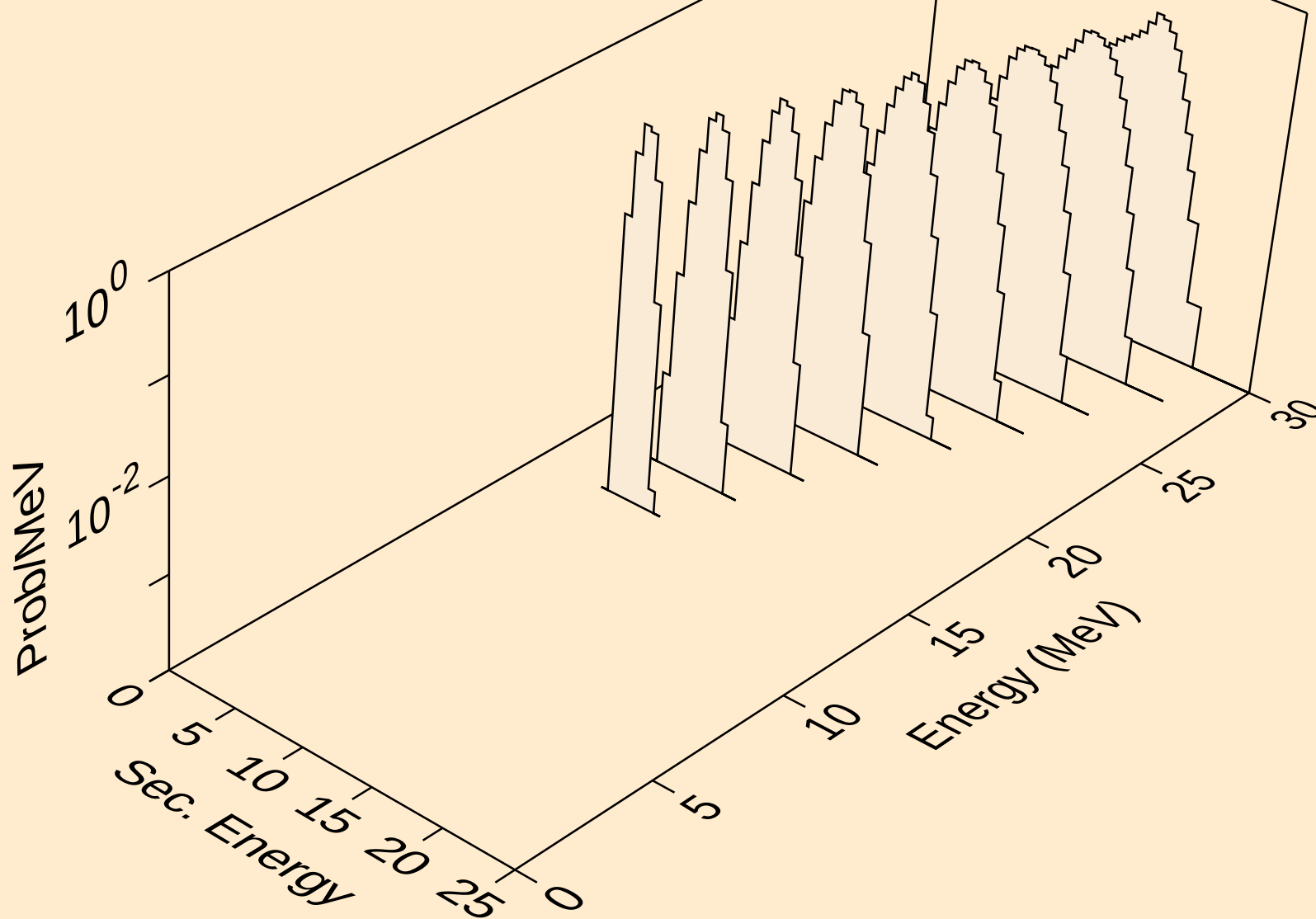


HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Alpha emission for (a,2a)



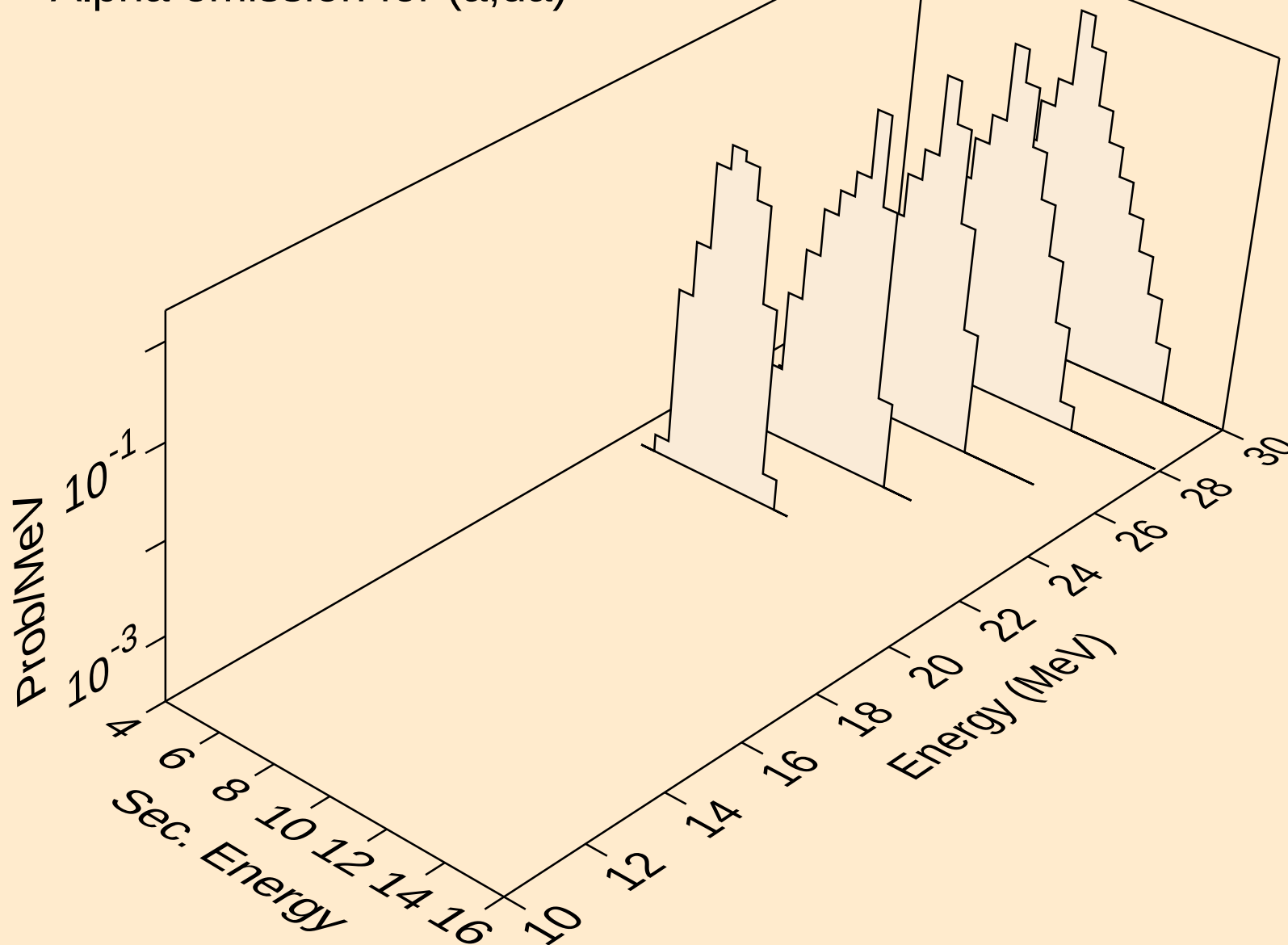
HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,pa)

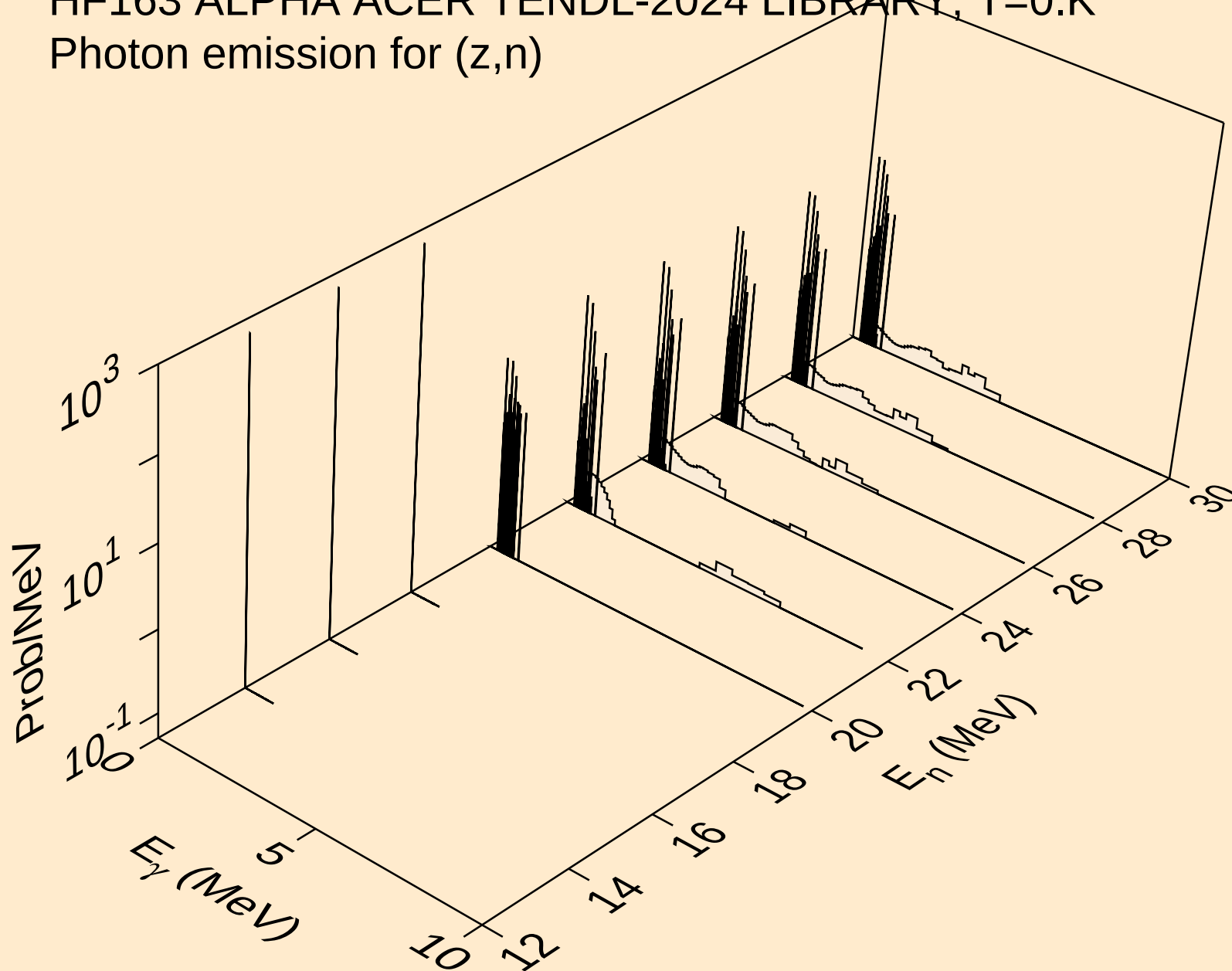


HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Alpha emission for (a,da)

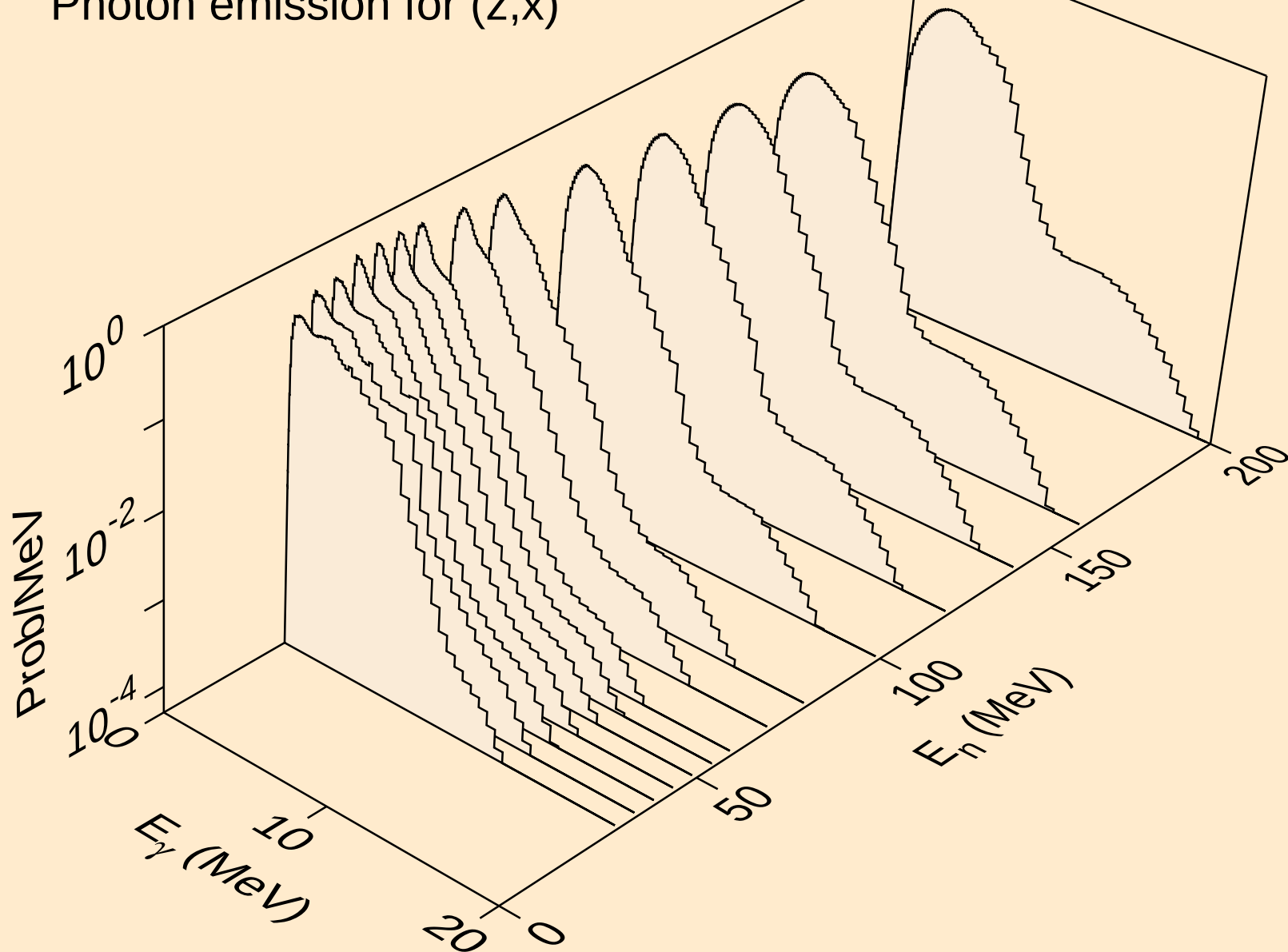


HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (z,n)

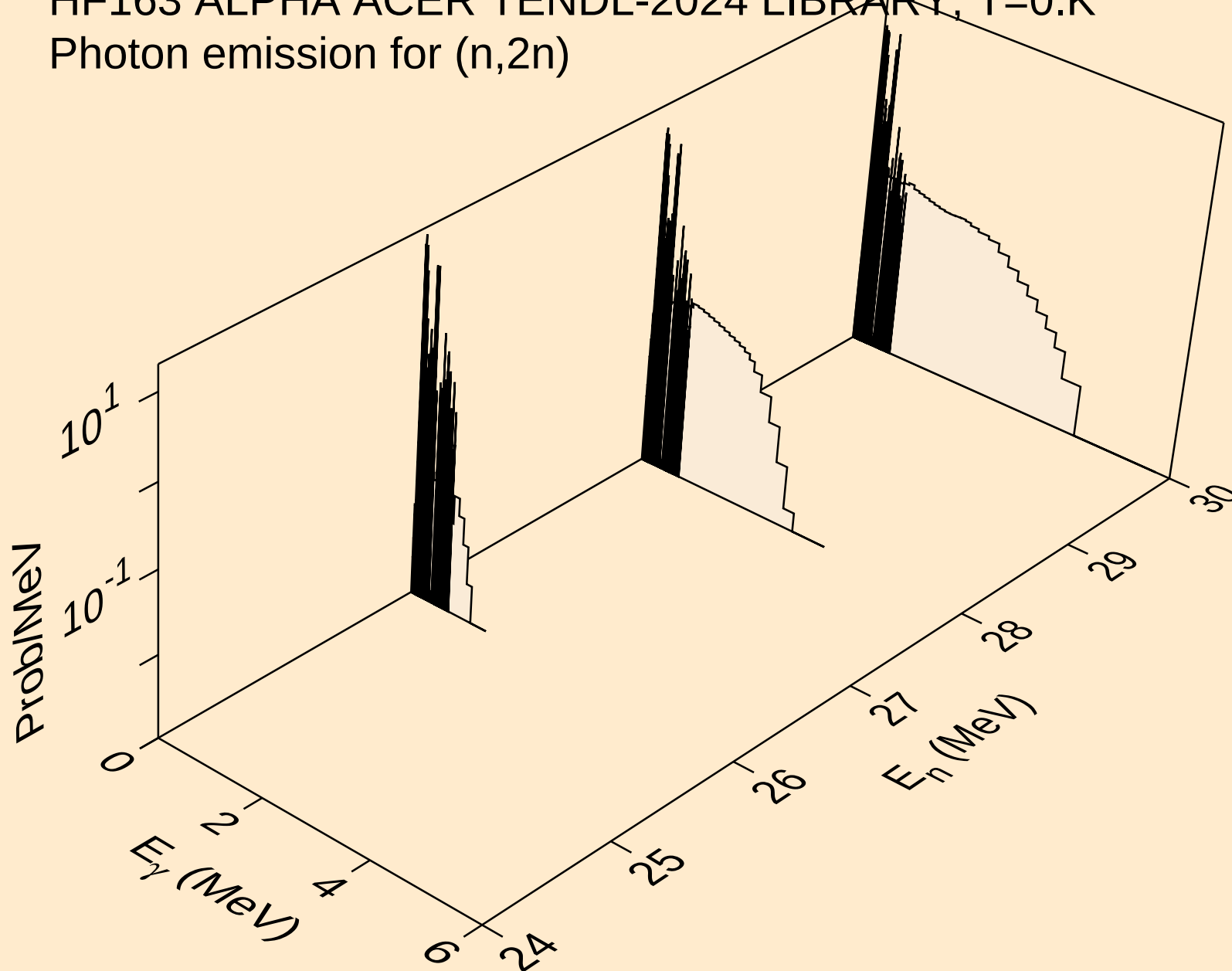


HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (z,x)

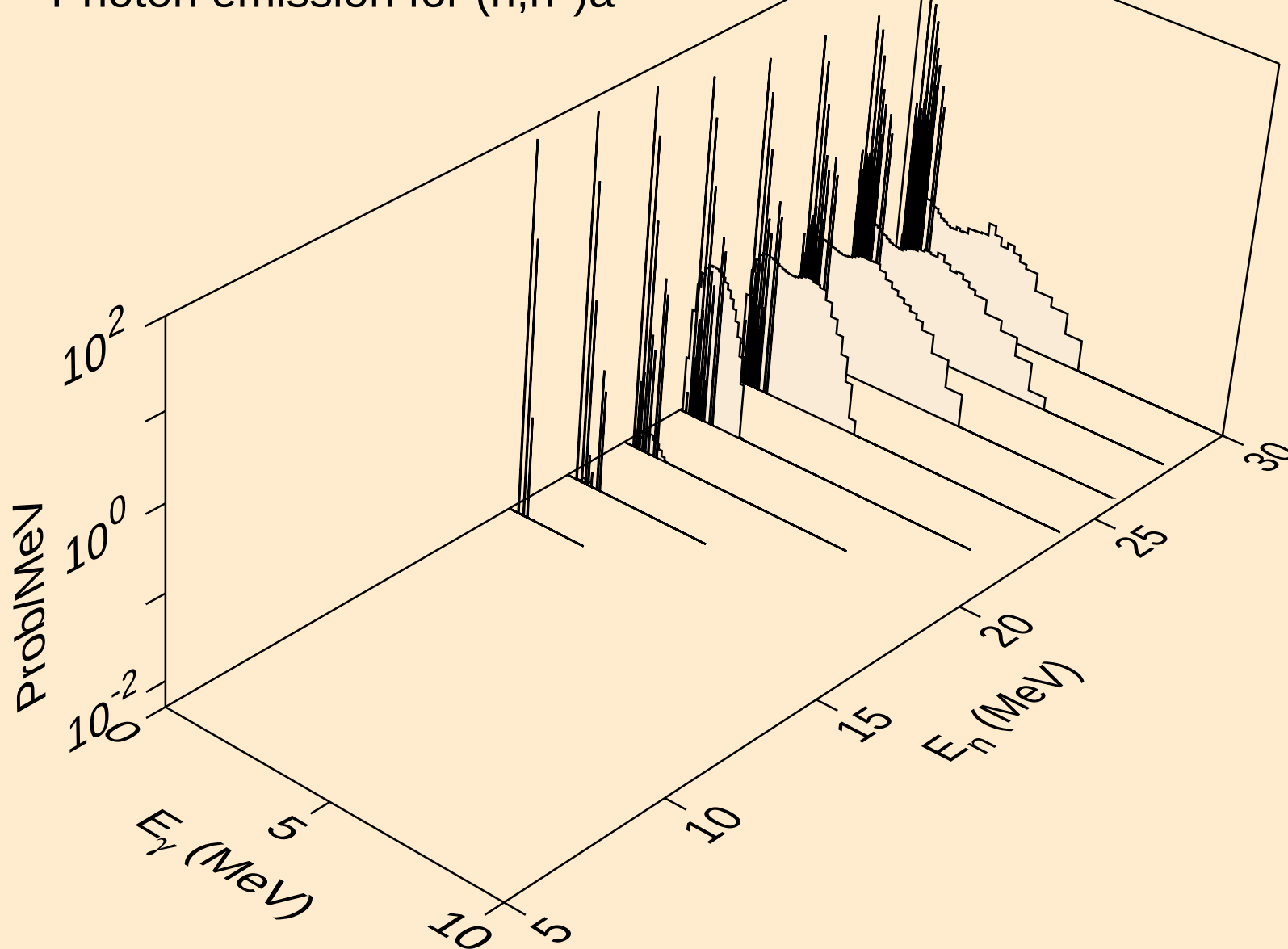


HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2n)



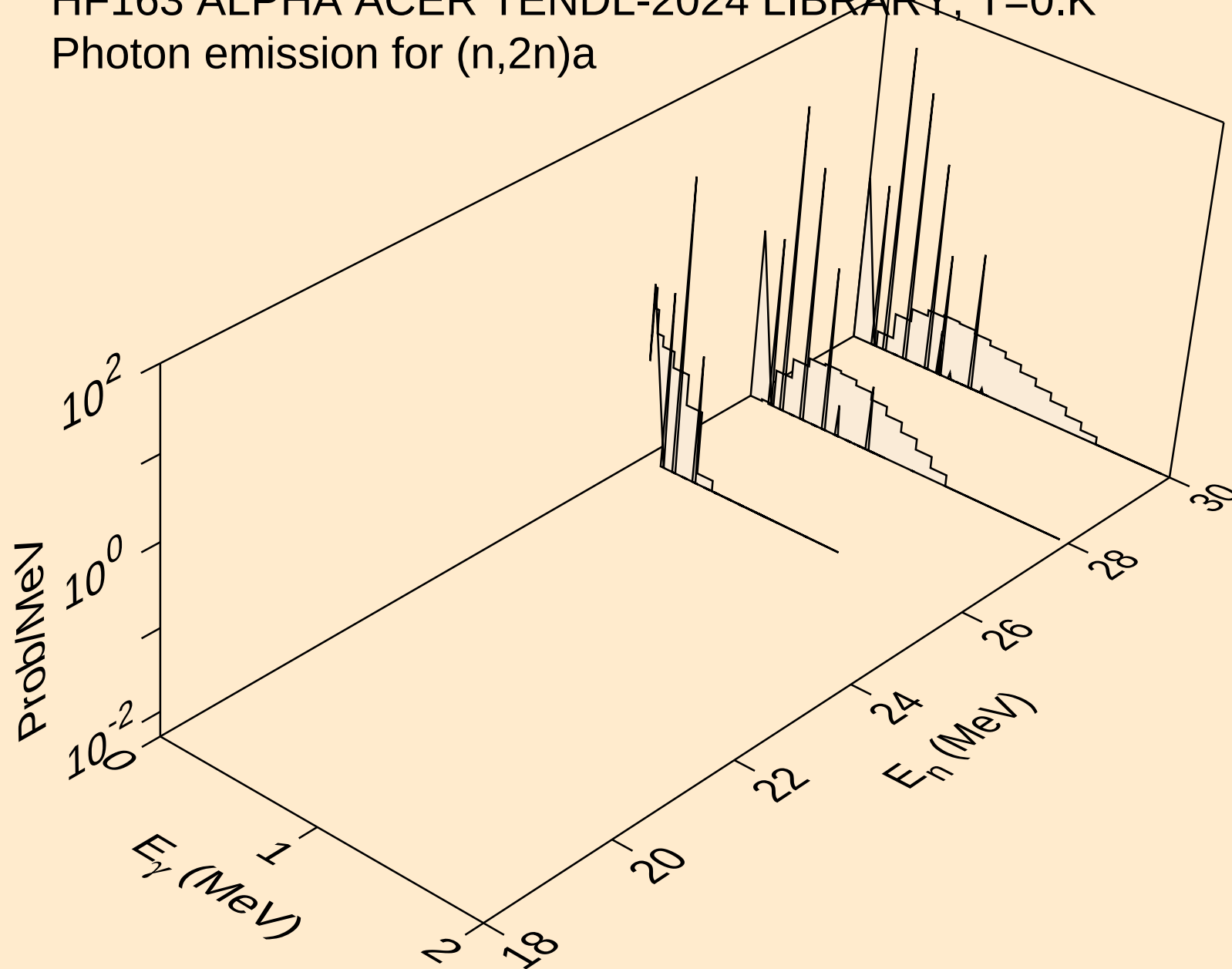
HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n*)a



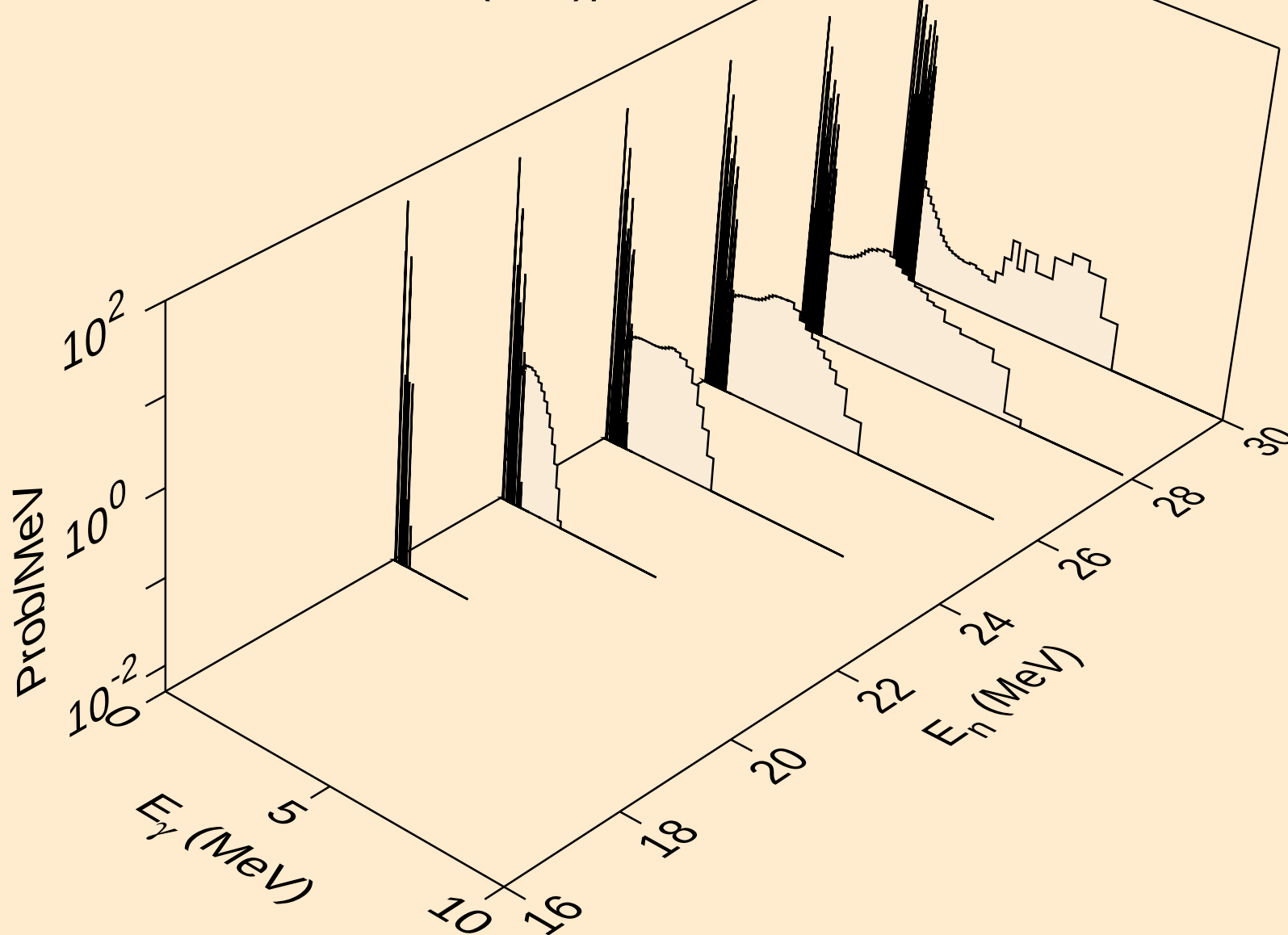
HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,2n) α



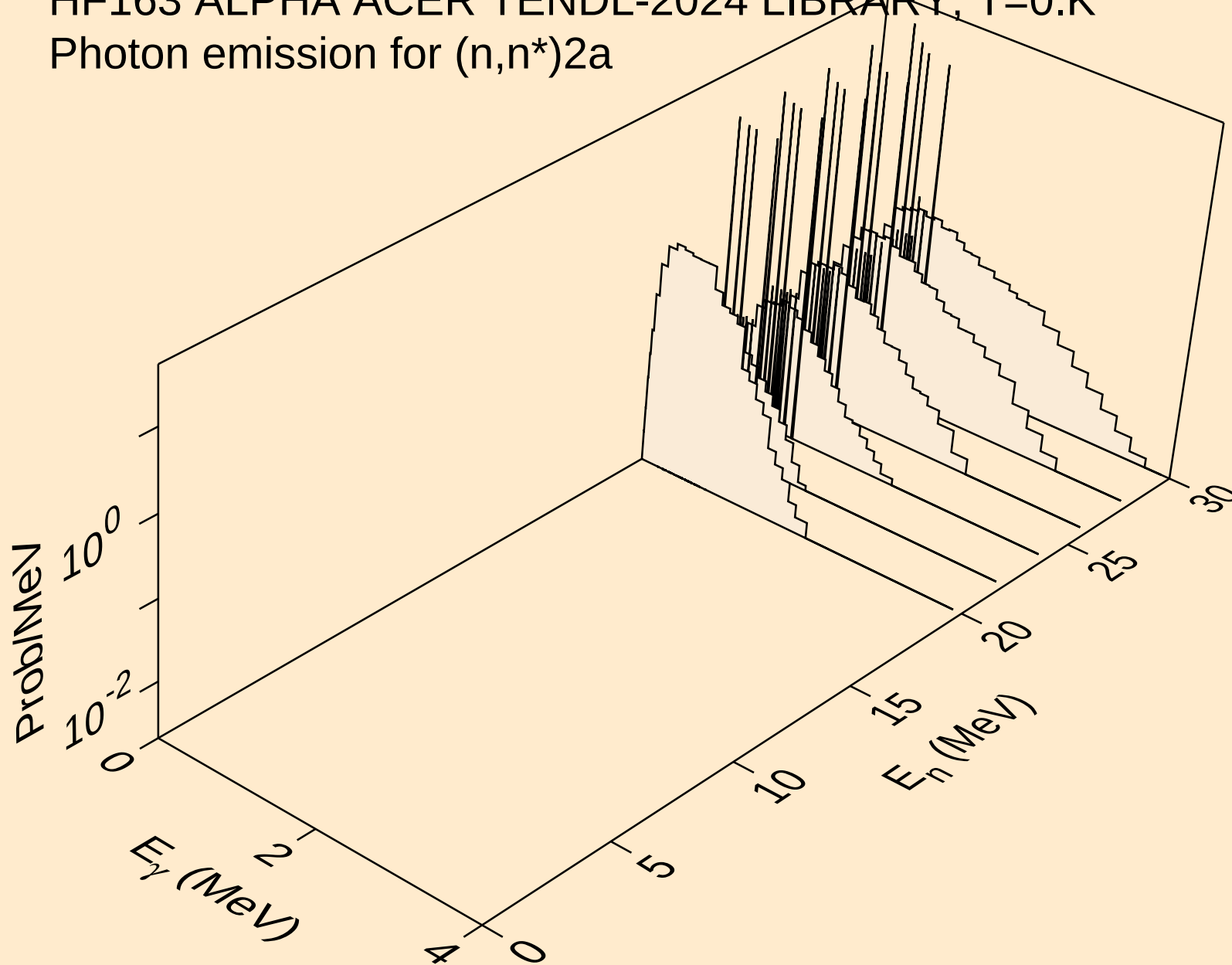
HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Photon emission for (n,n*)p

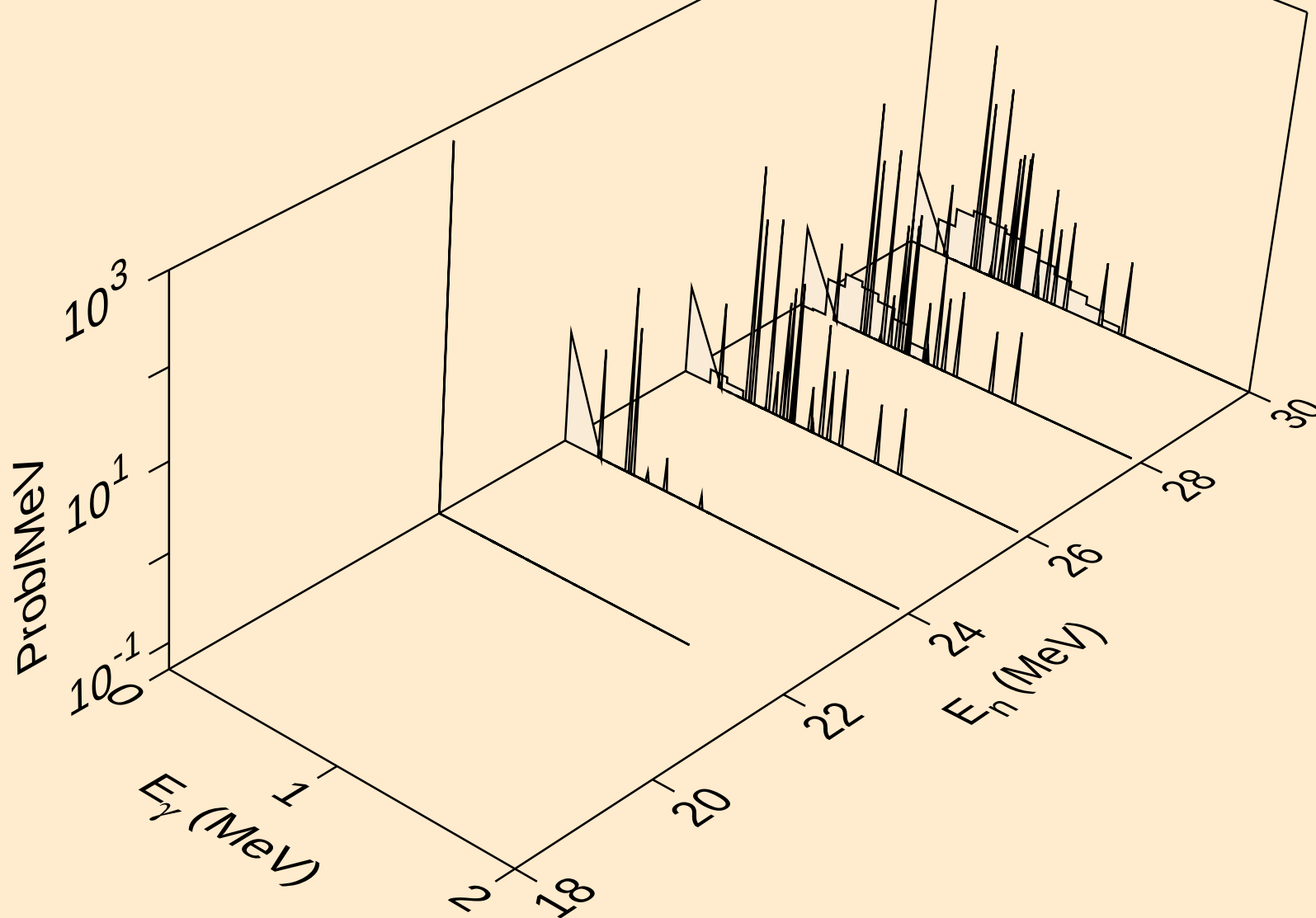


HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

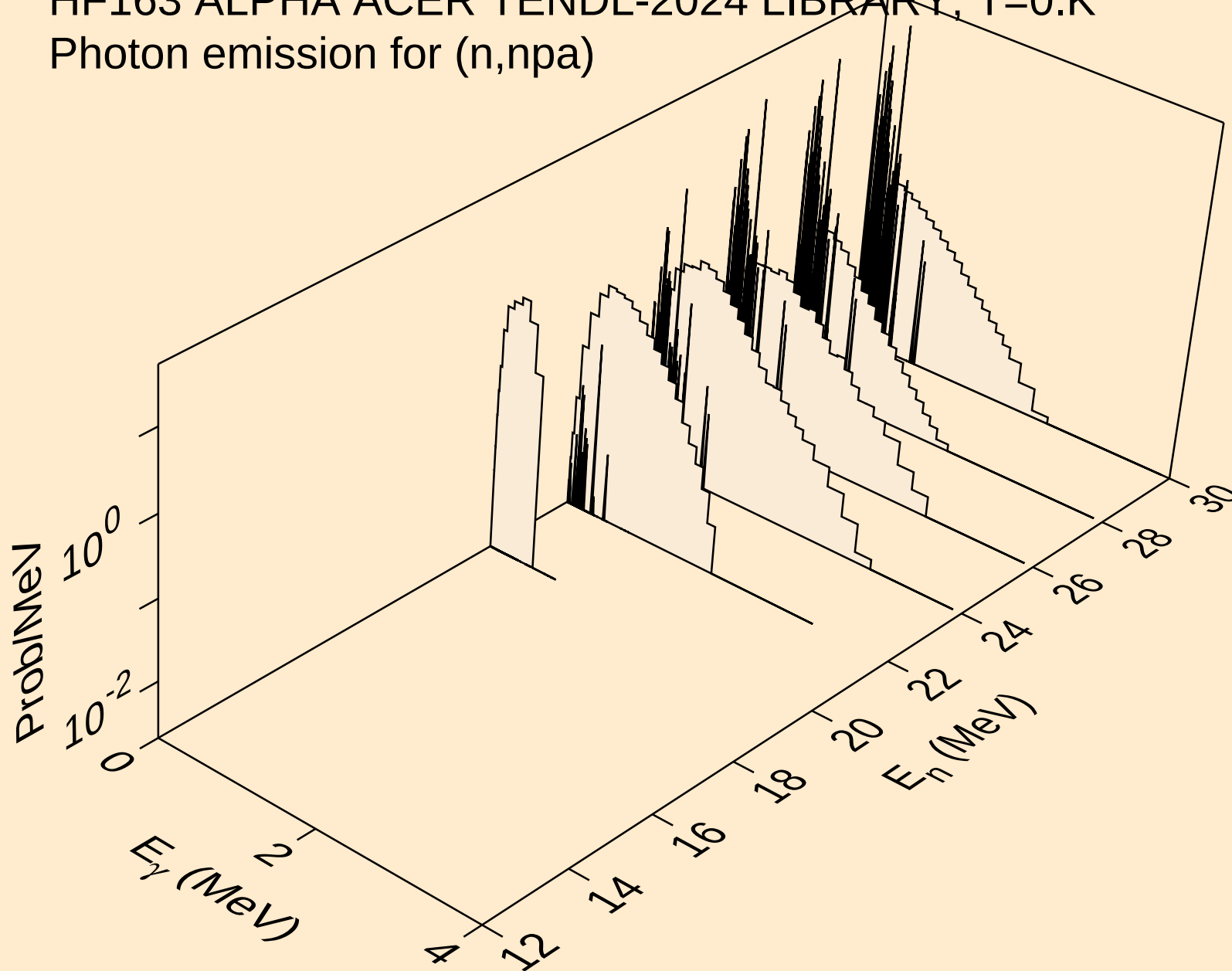
Photon emission for (n,n*)2a



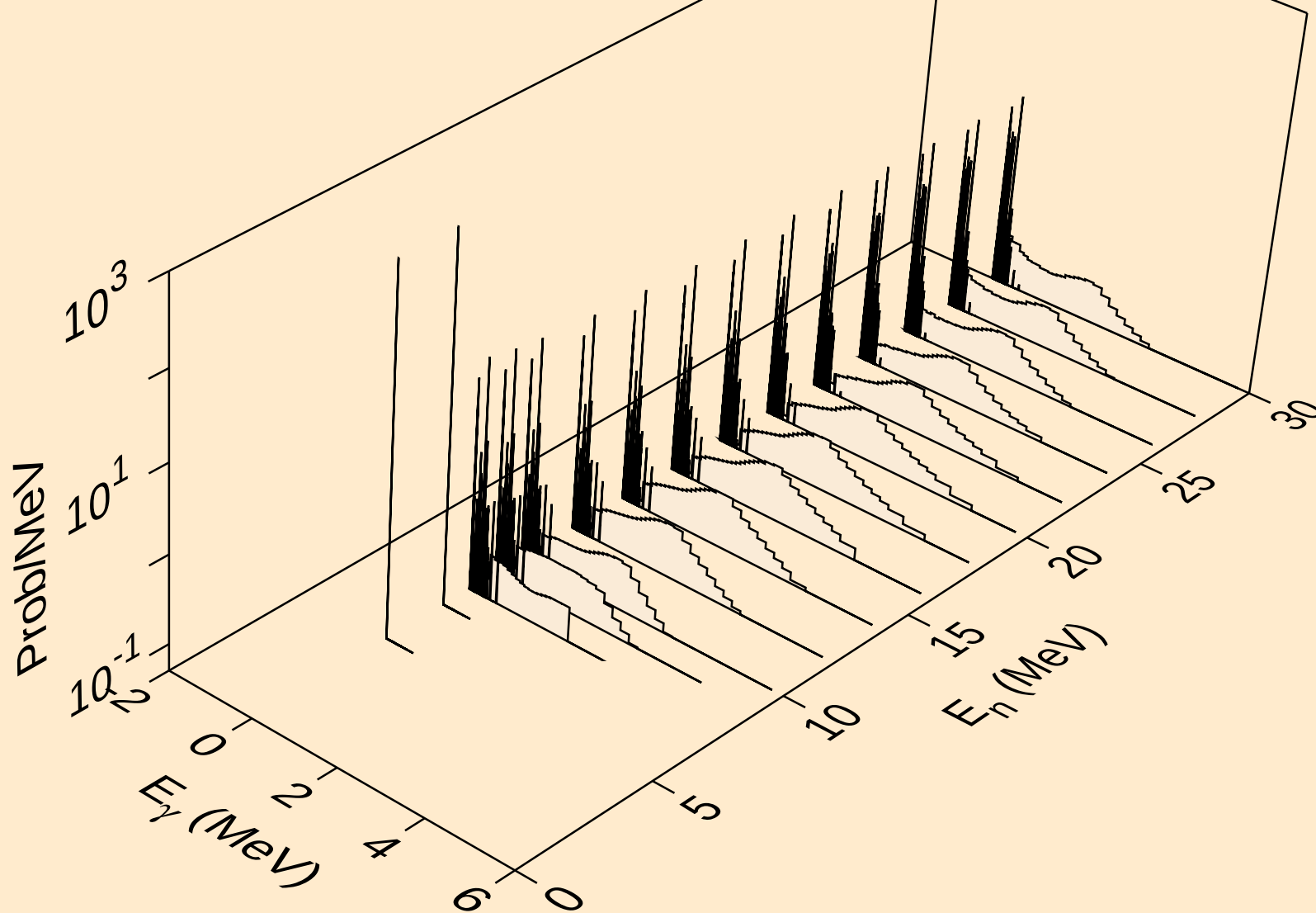
HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,n2p)



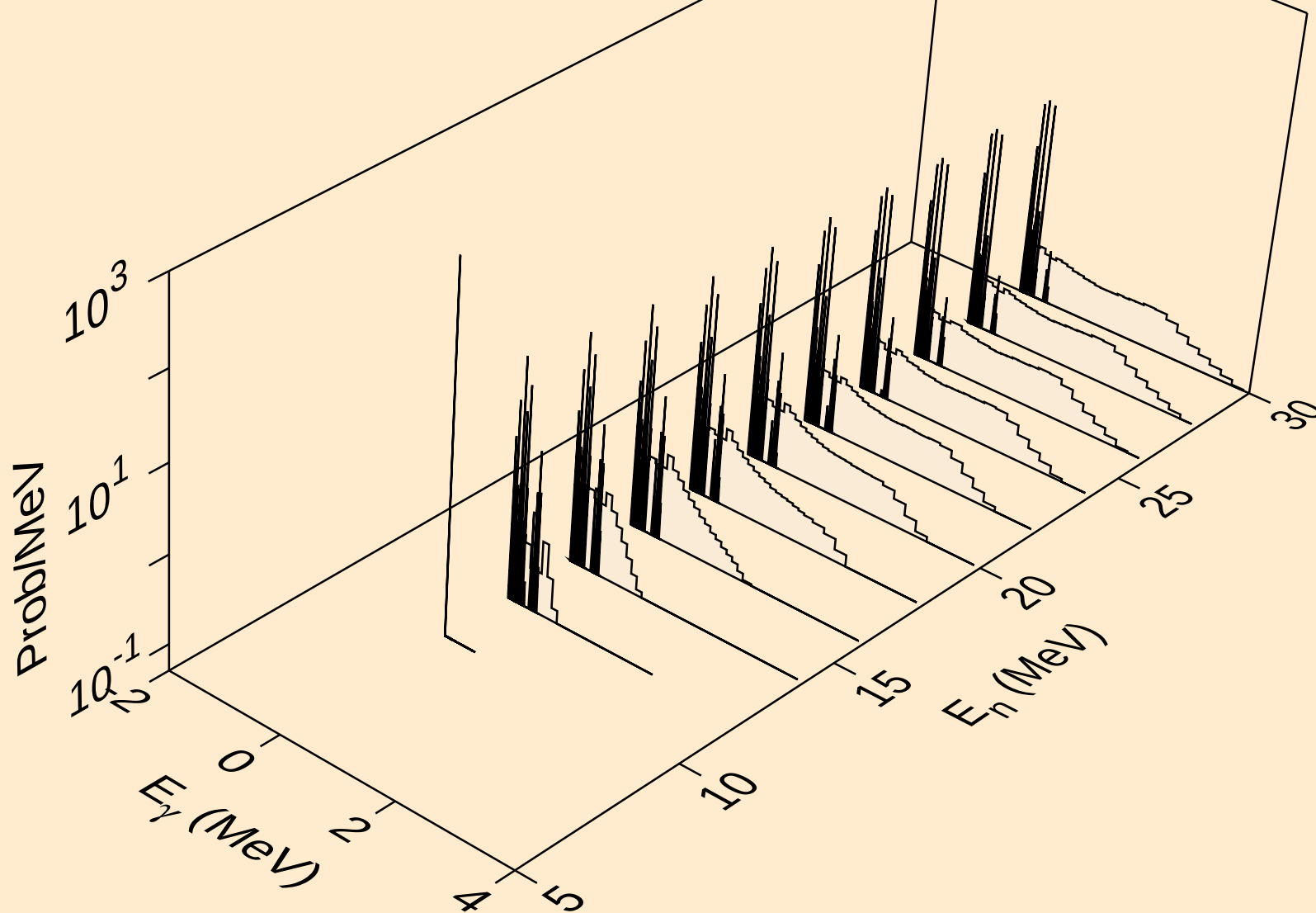
HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,npa)



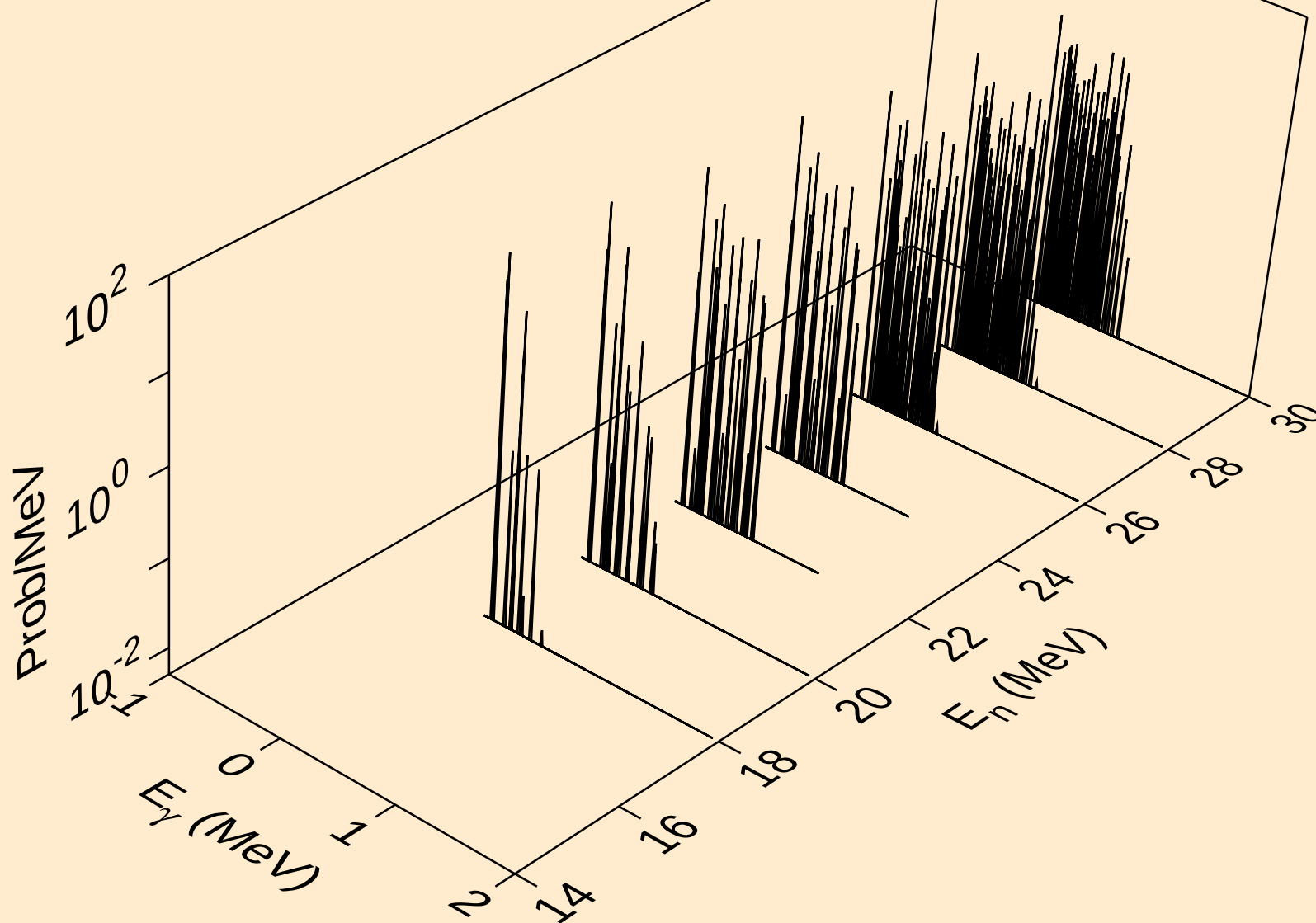
HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,gma)



HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,p)

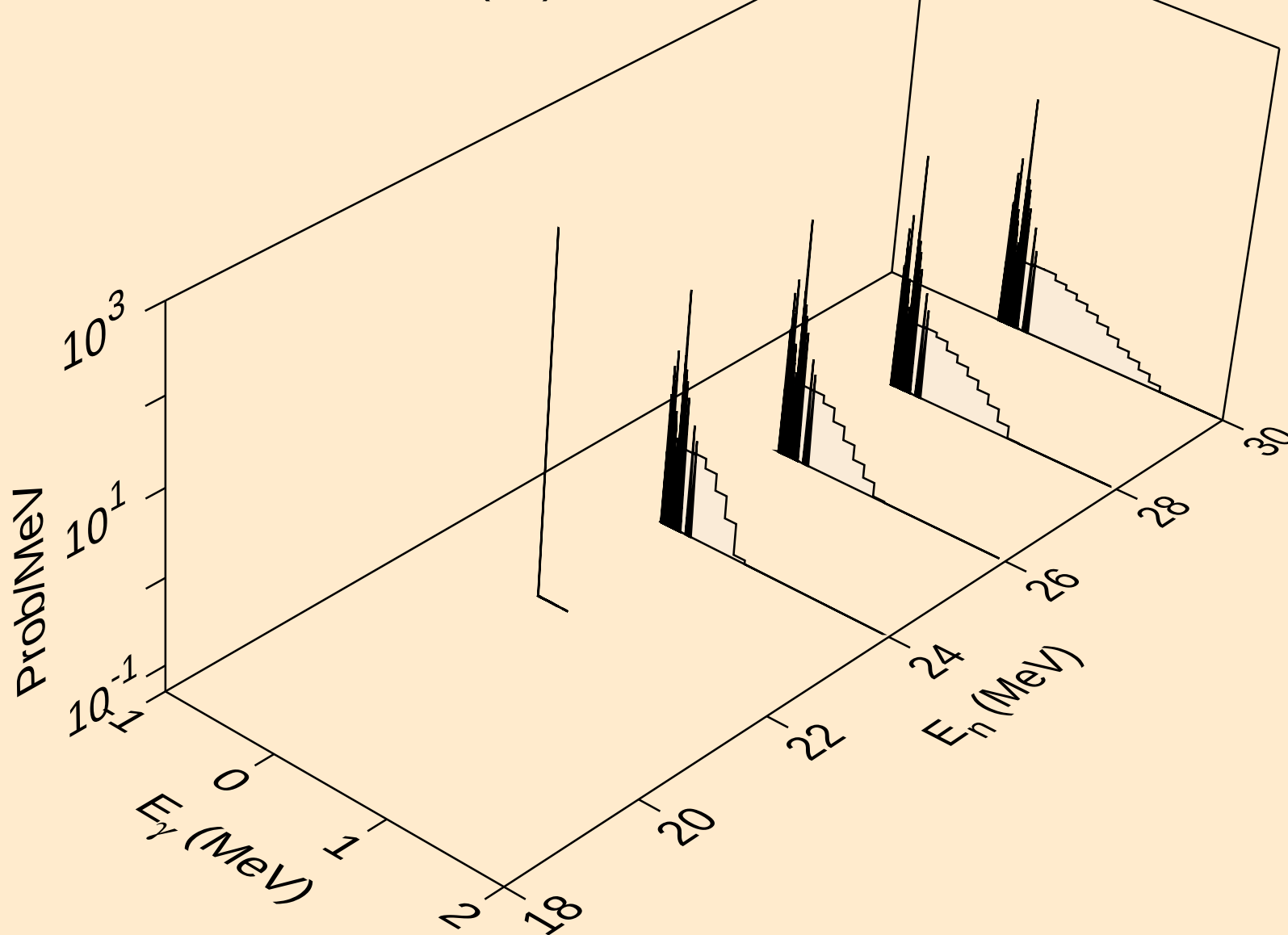


HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,d)

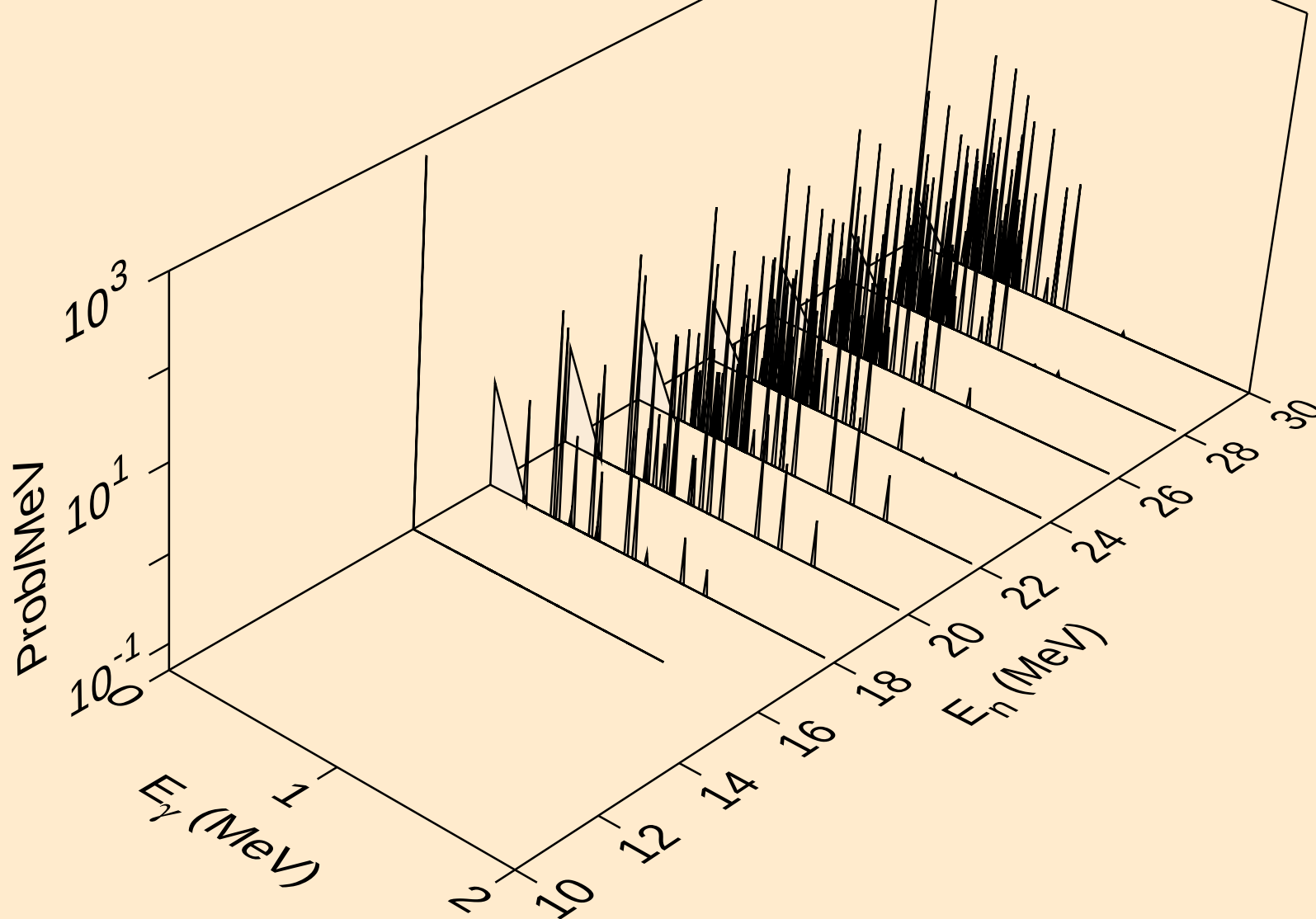


HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

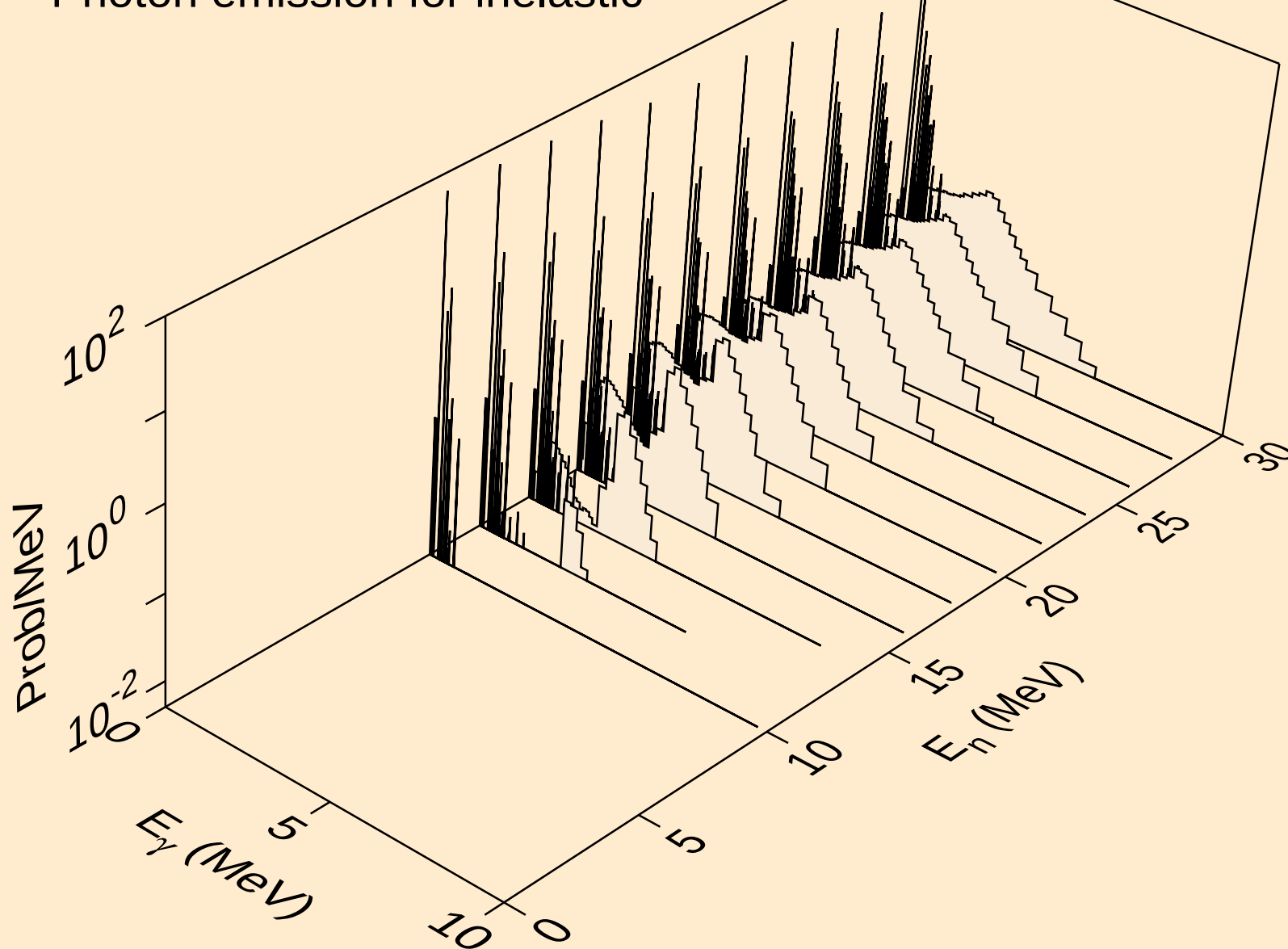
Photon emission for (n,t)



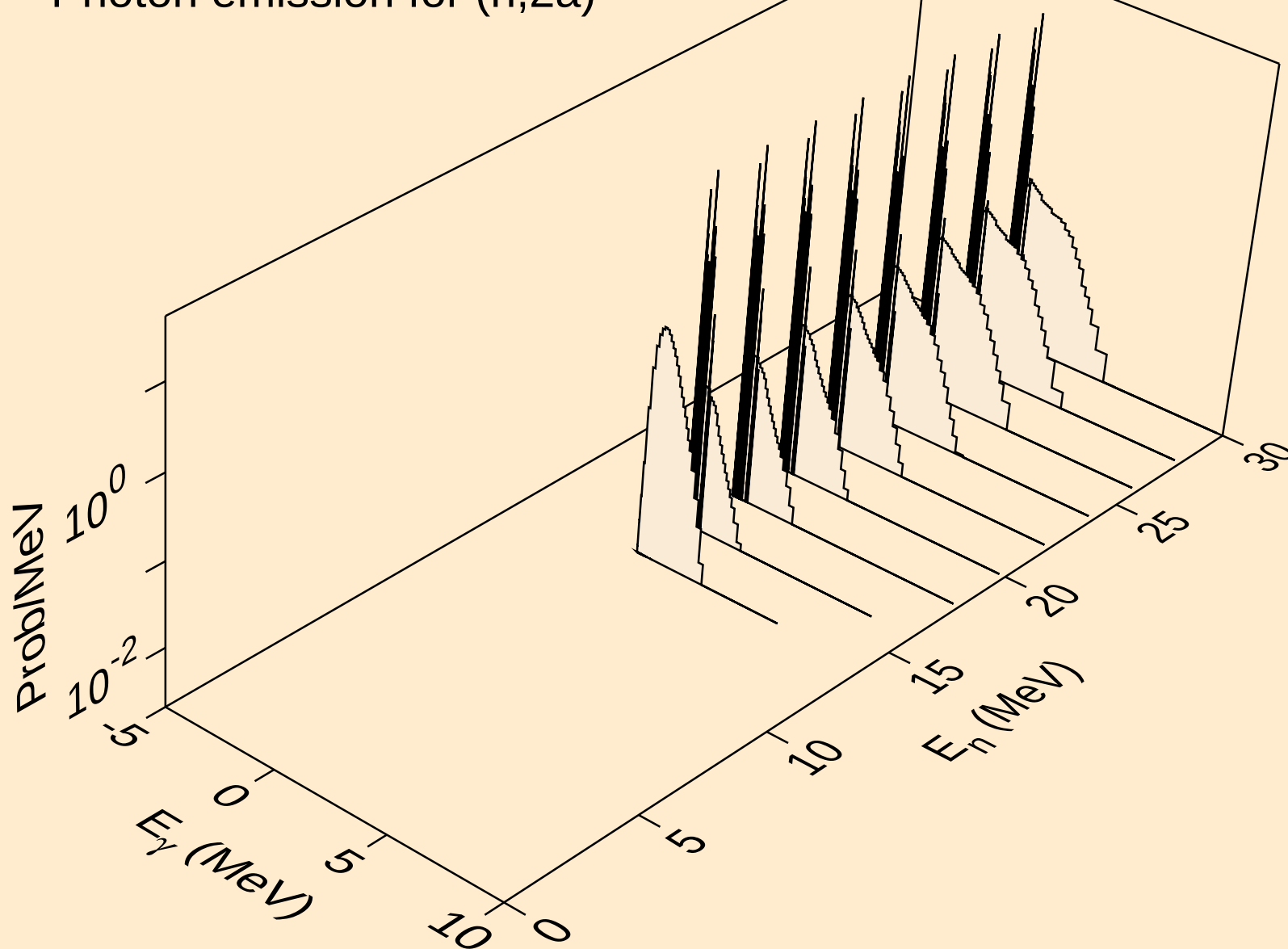
HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,he3)



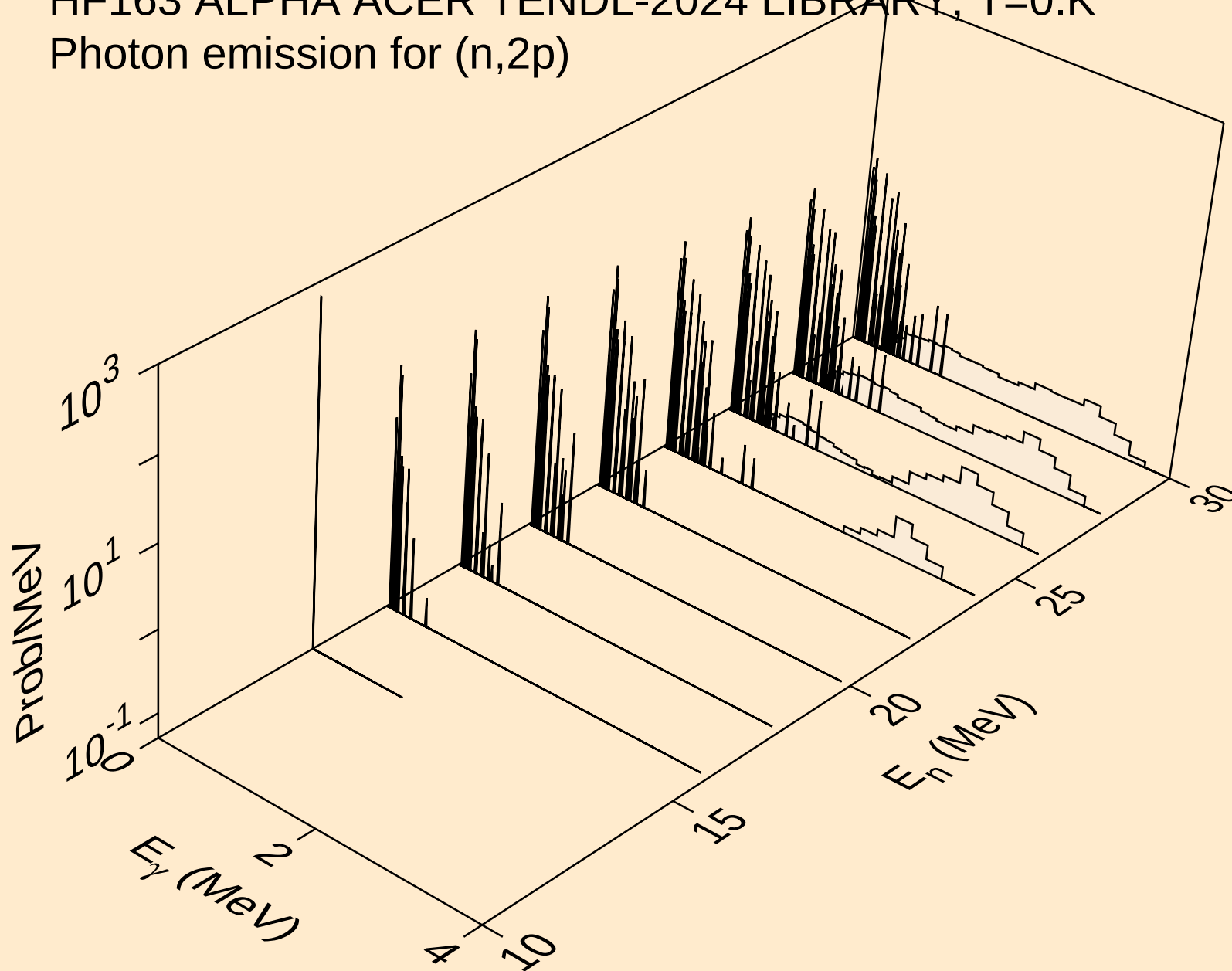
HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for inelastic



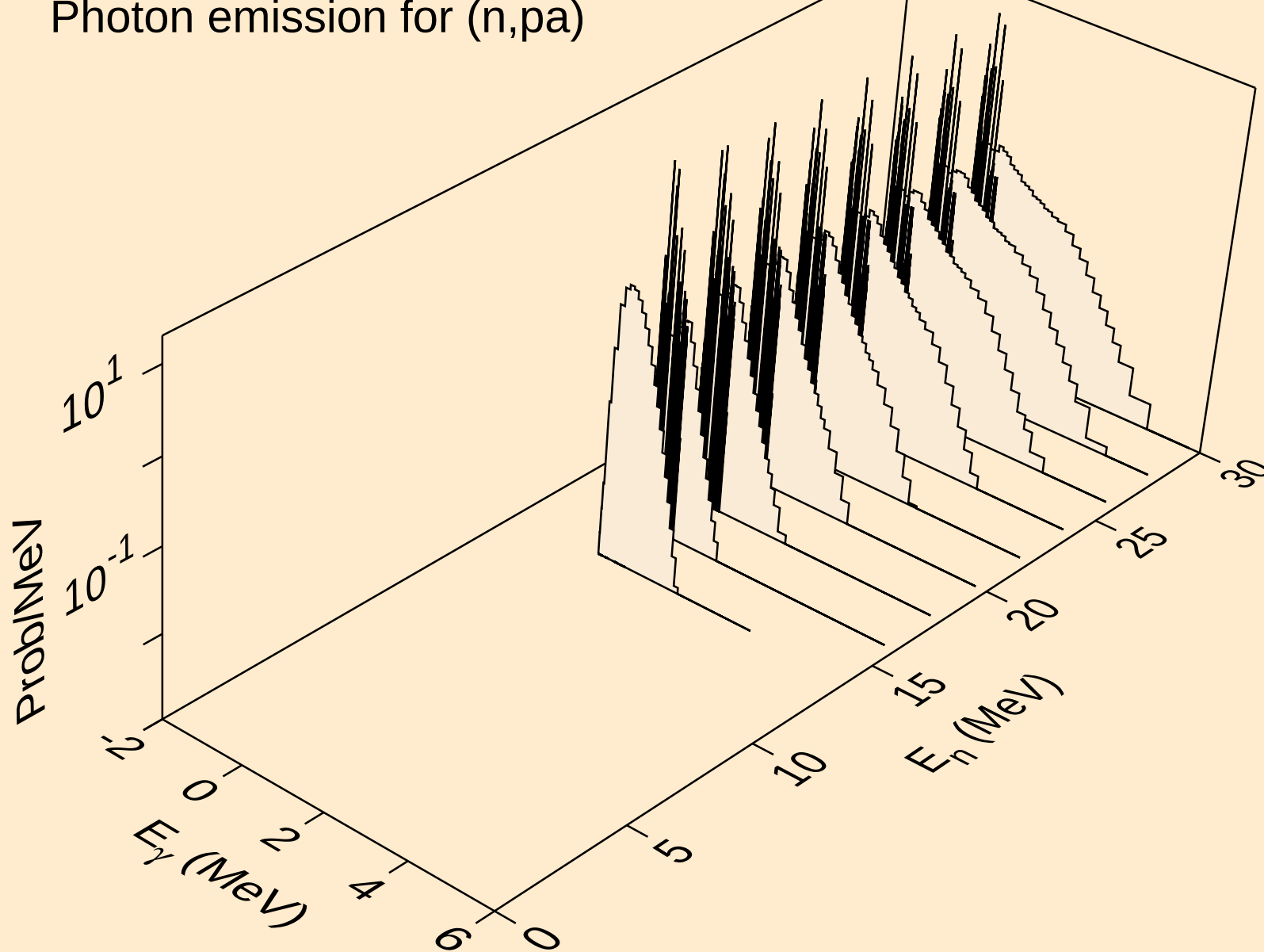
HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2a)



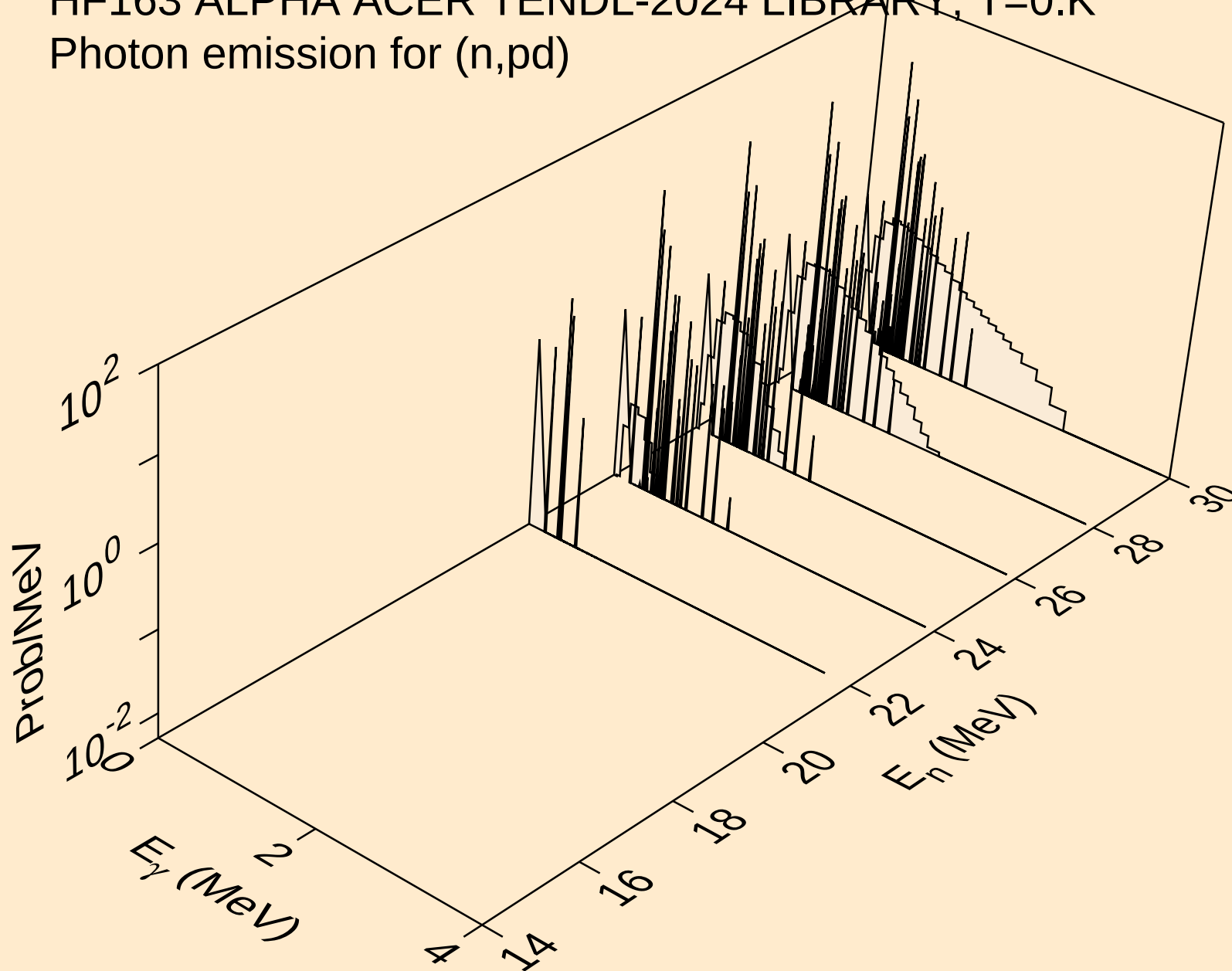
HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,2p)



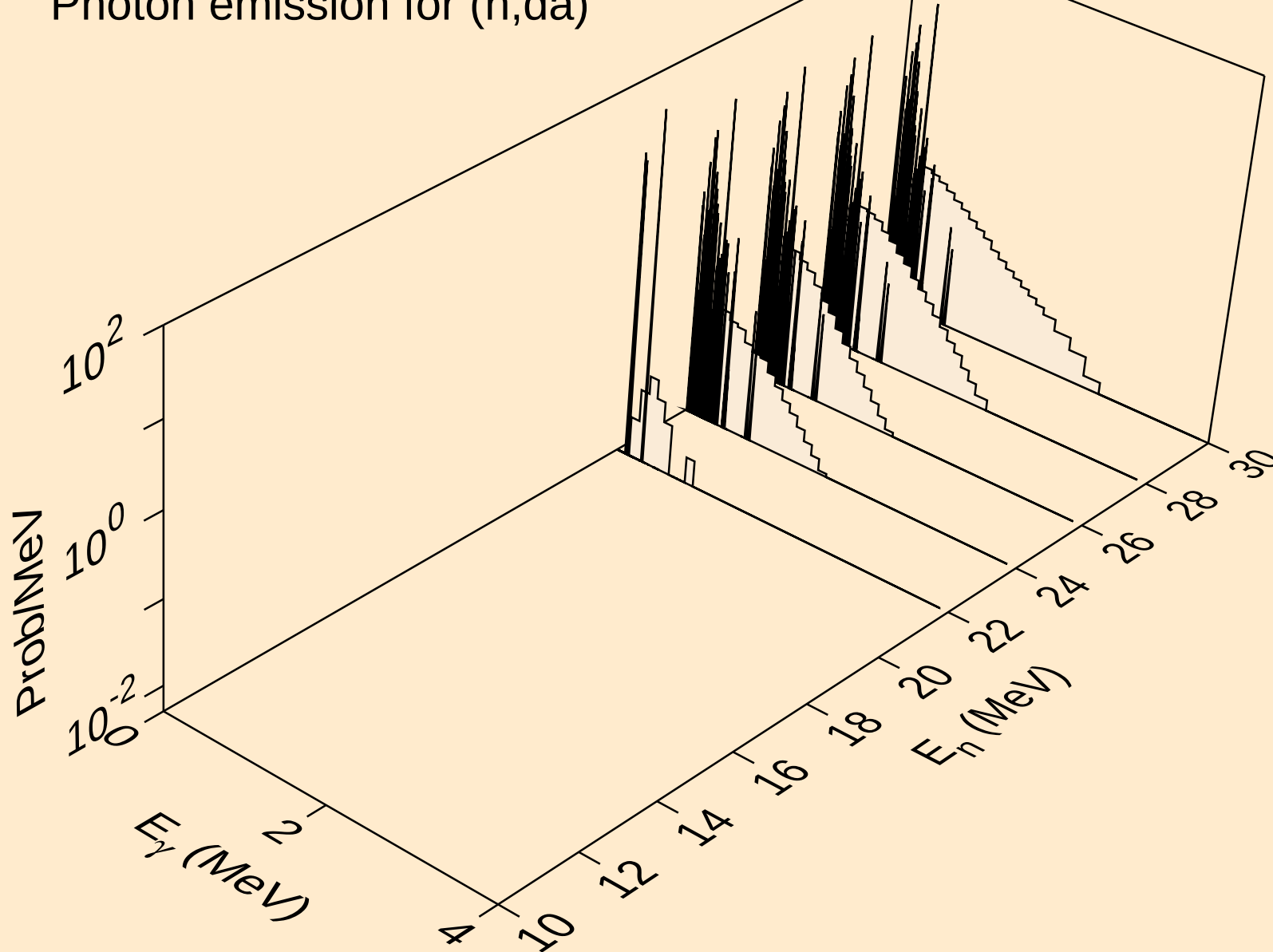
HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pa)



HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,pd)

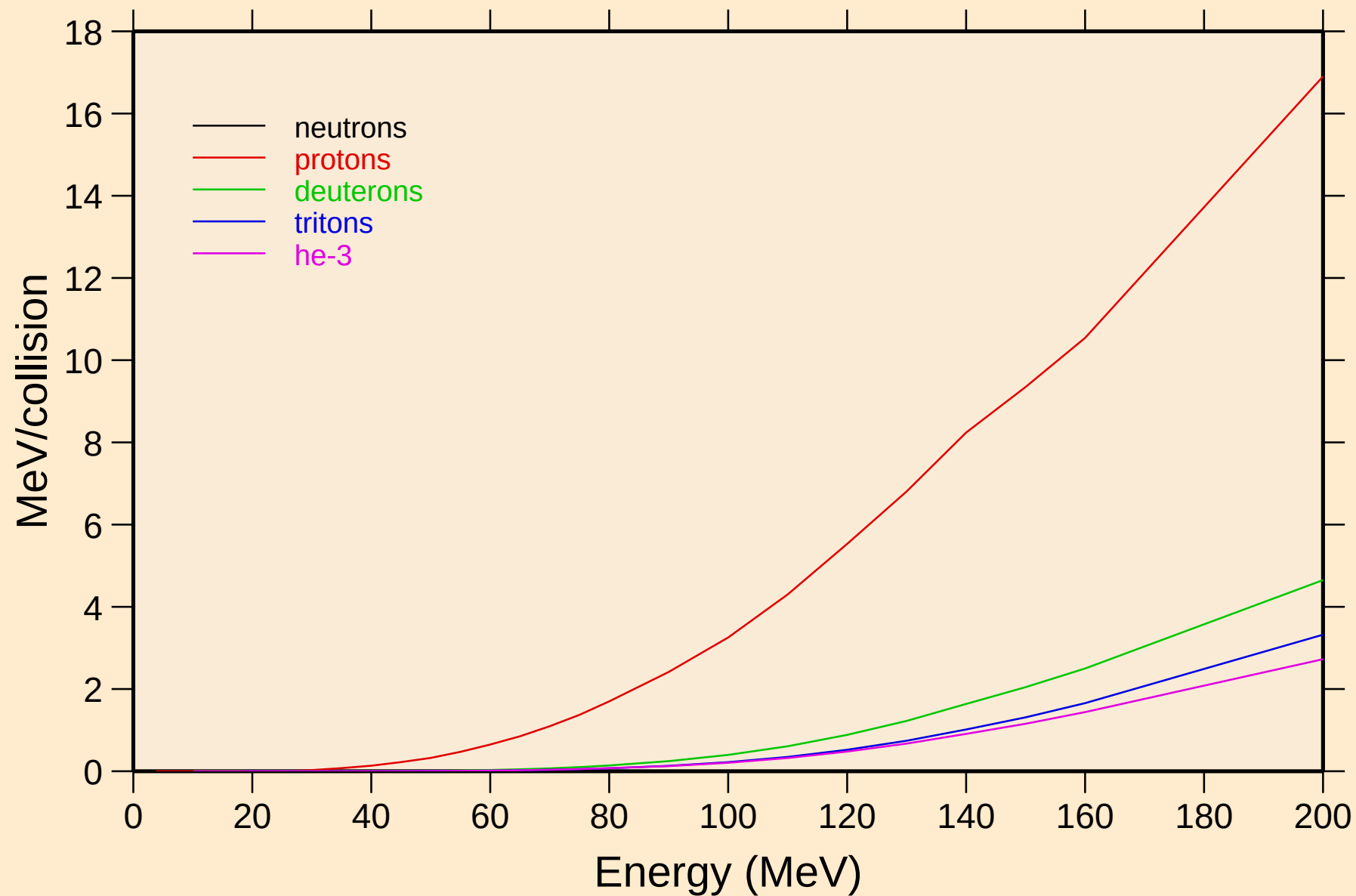


HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
Photon emission for (n,da)



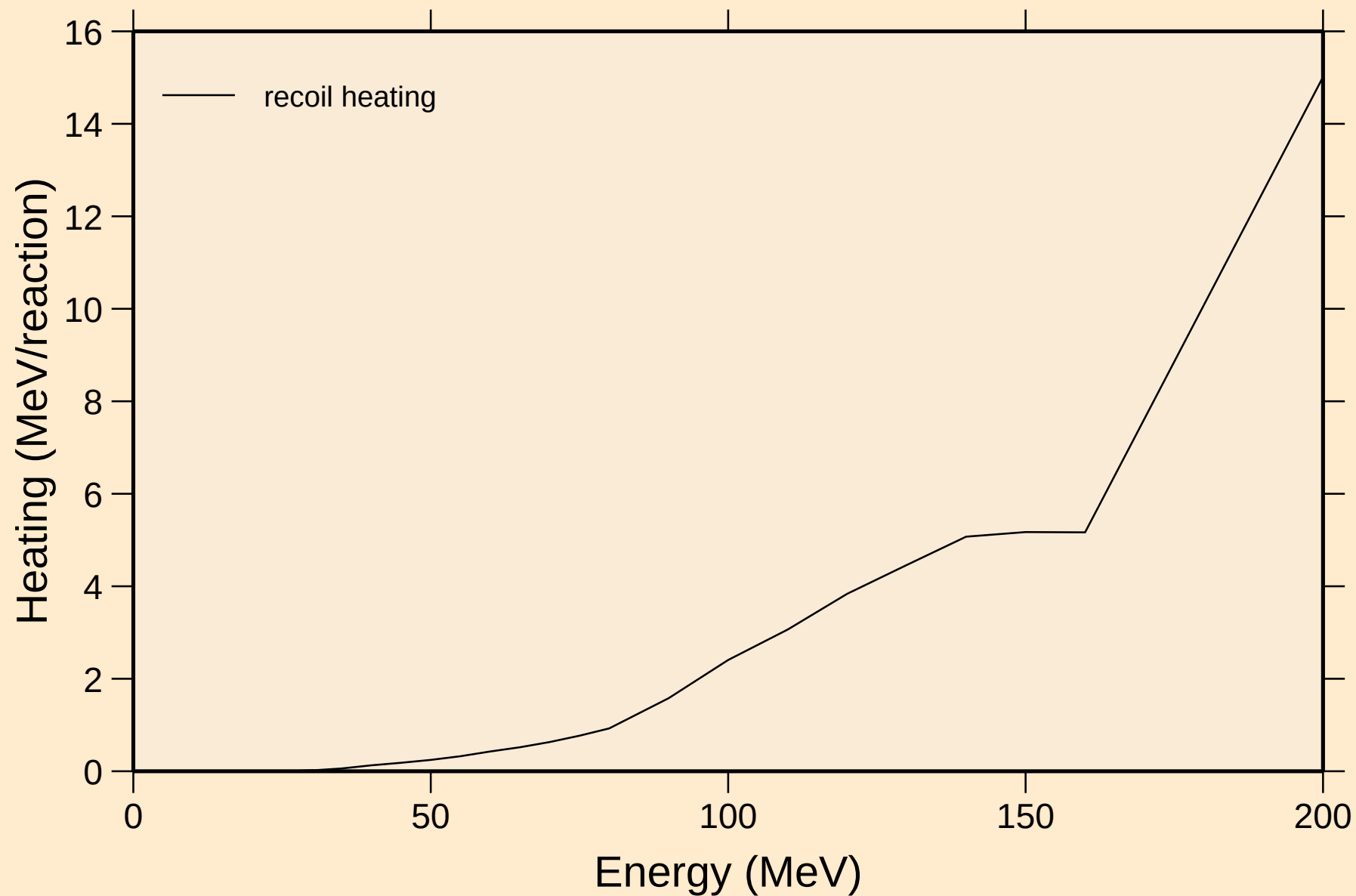
HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Particle heating contributions



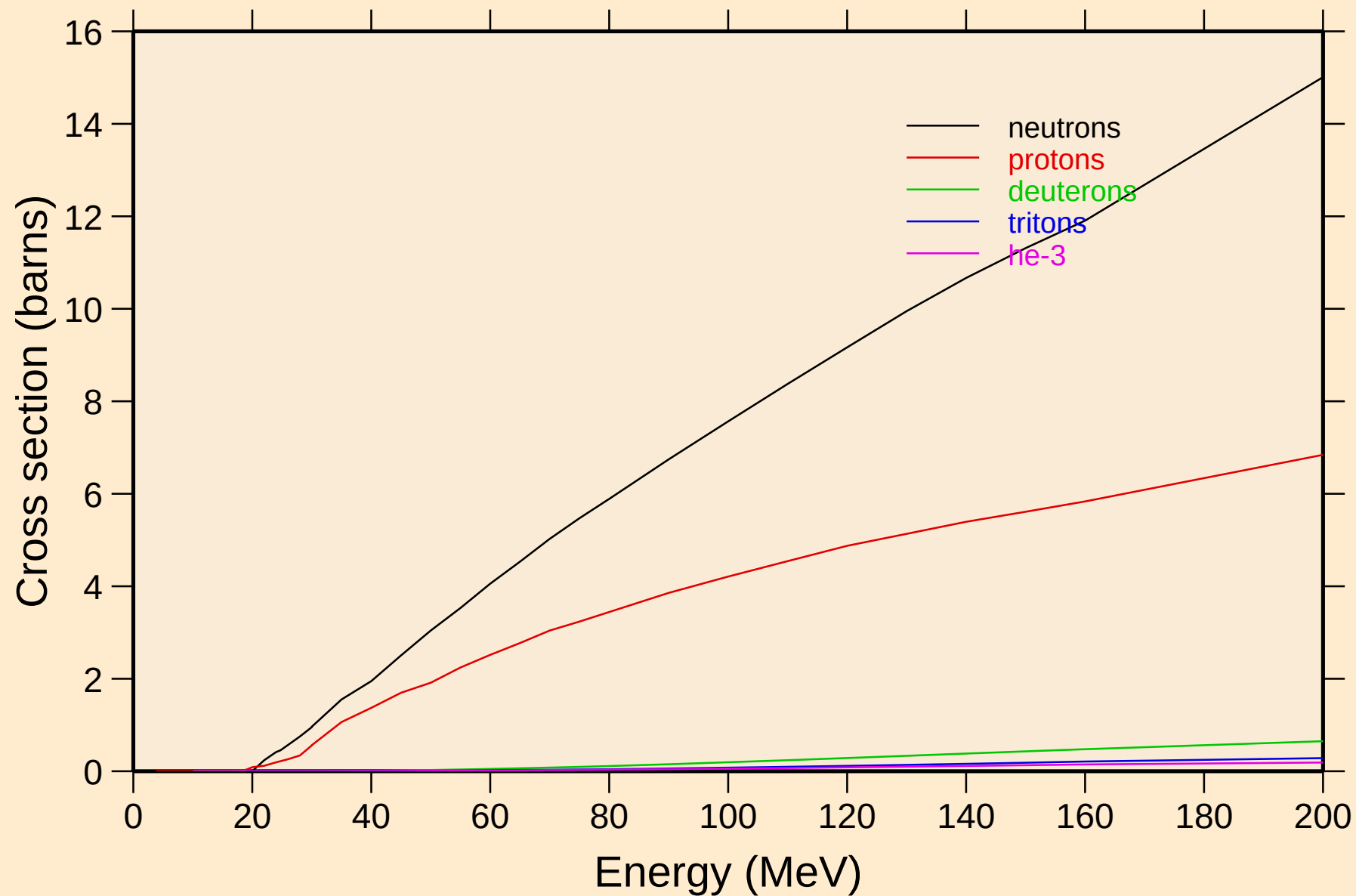
HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

Recoil Heating

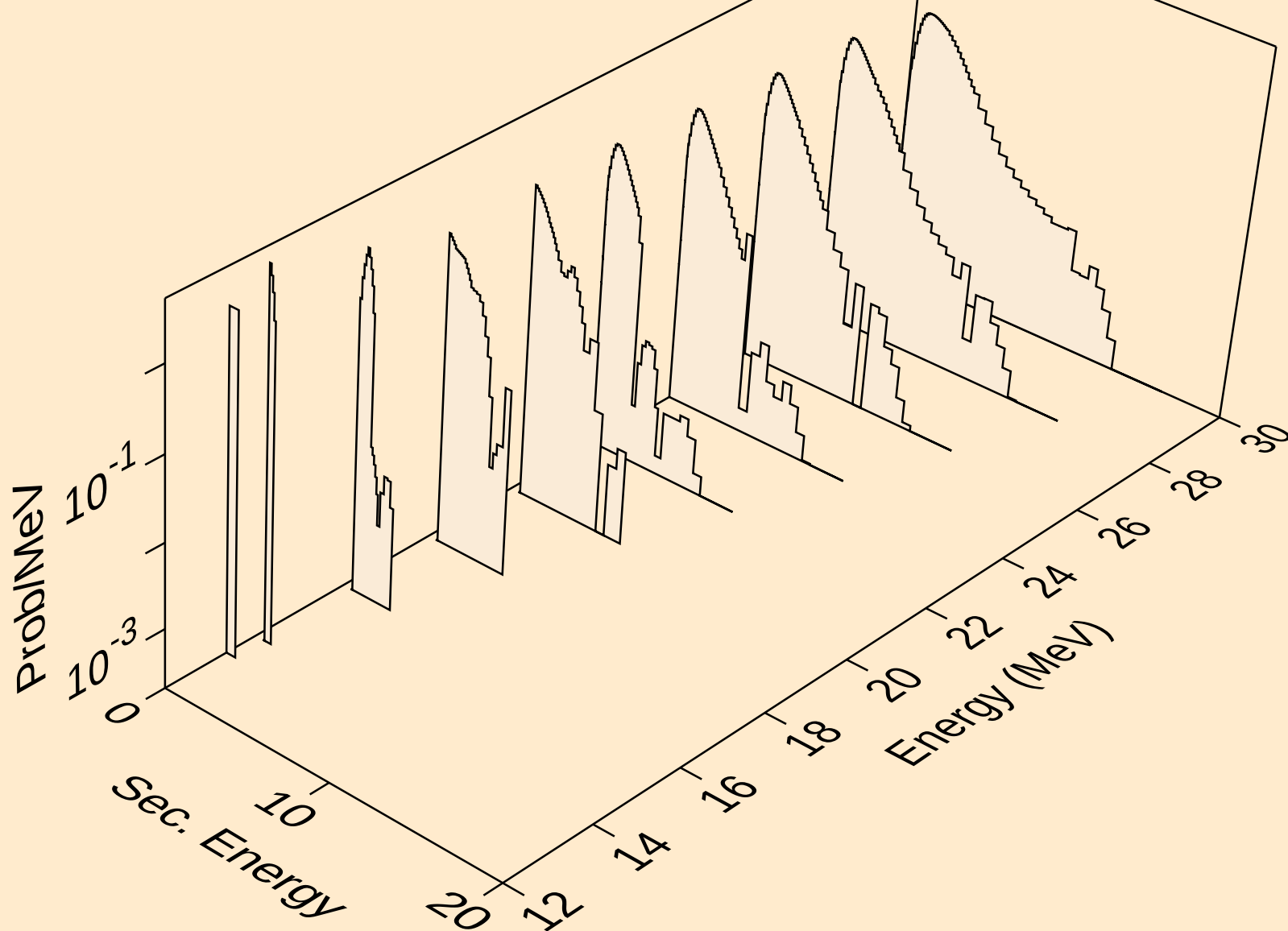


HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K

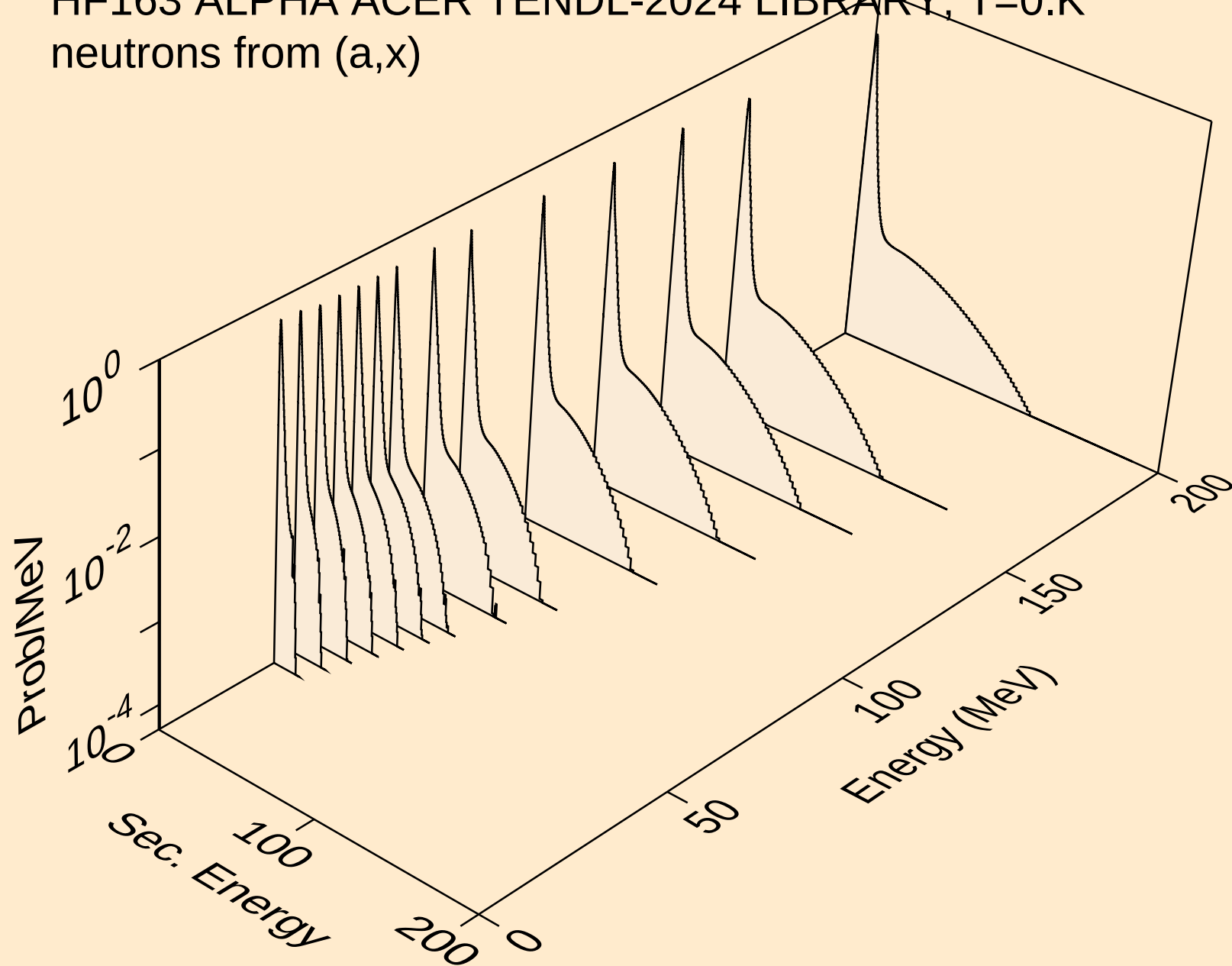
Particle production cross sections



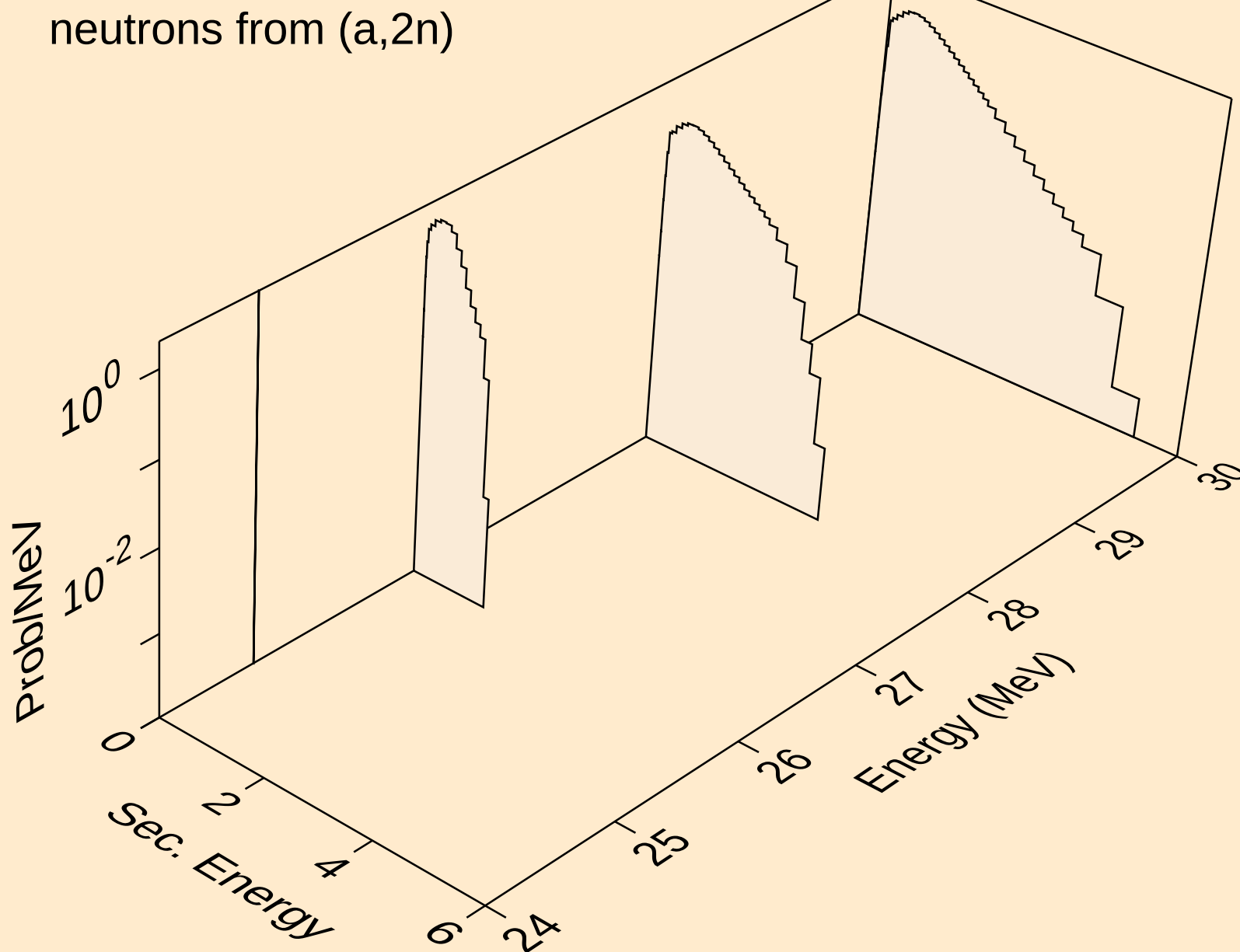
HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,n)



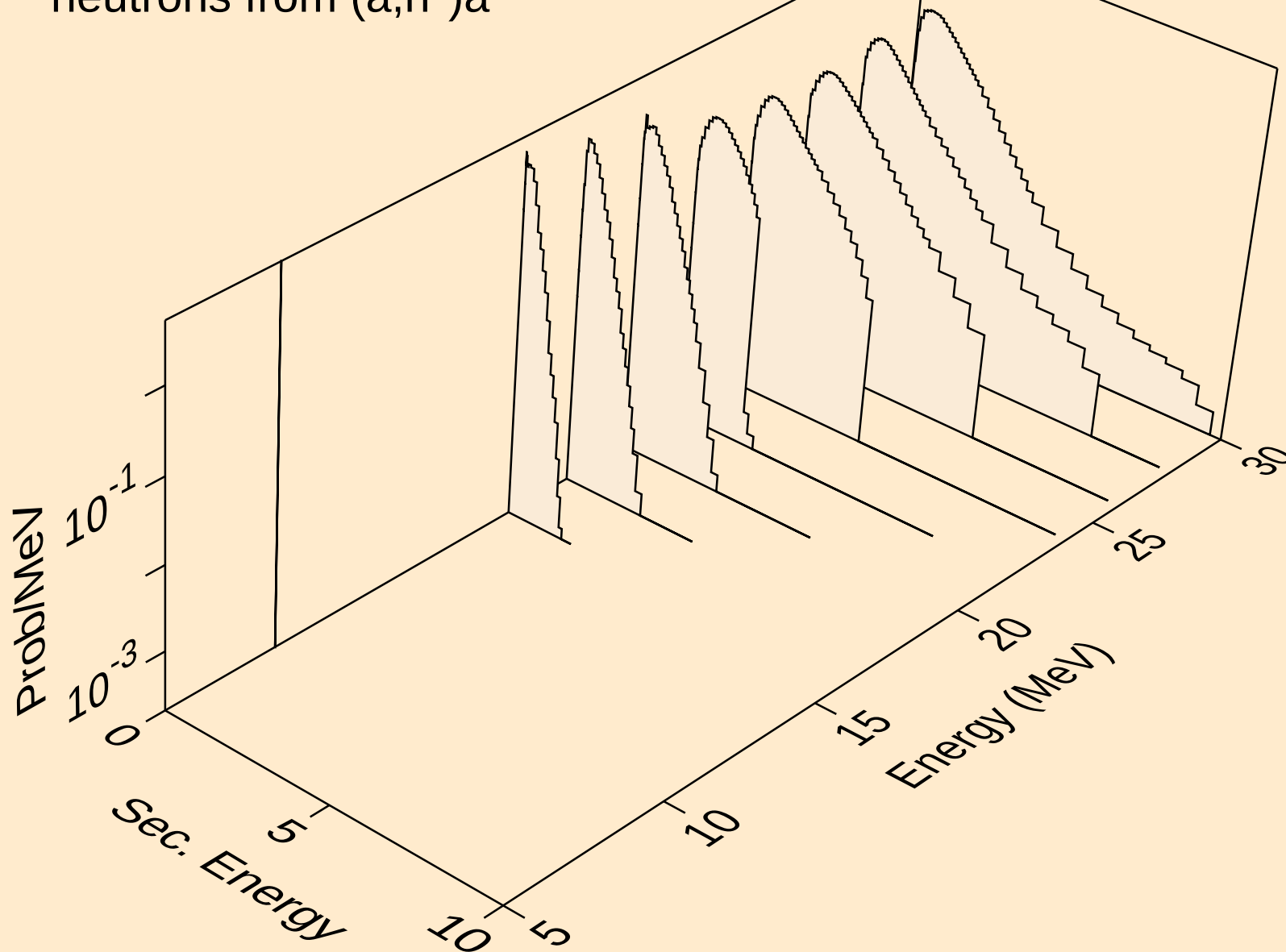
HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,x)



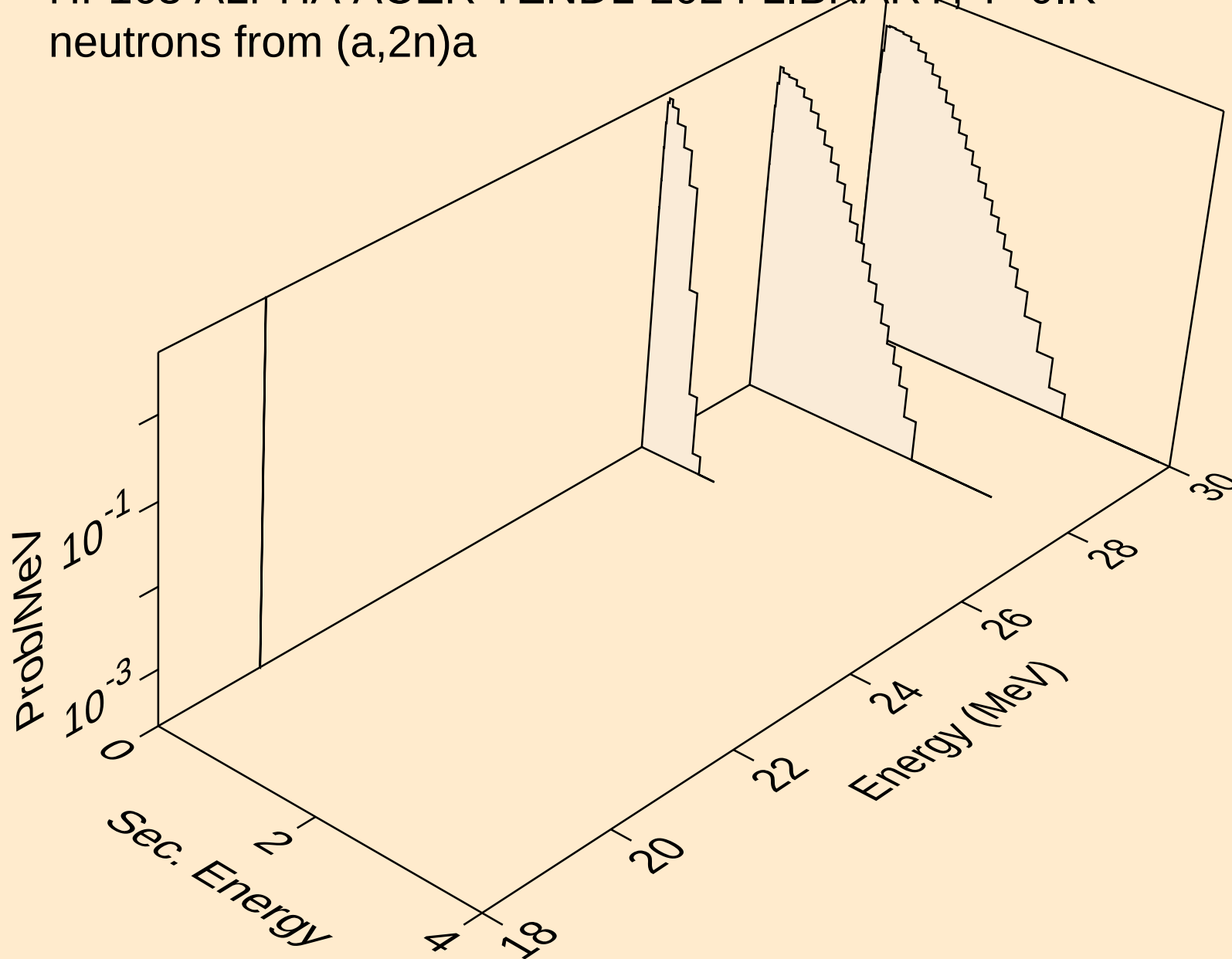
HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,2n)



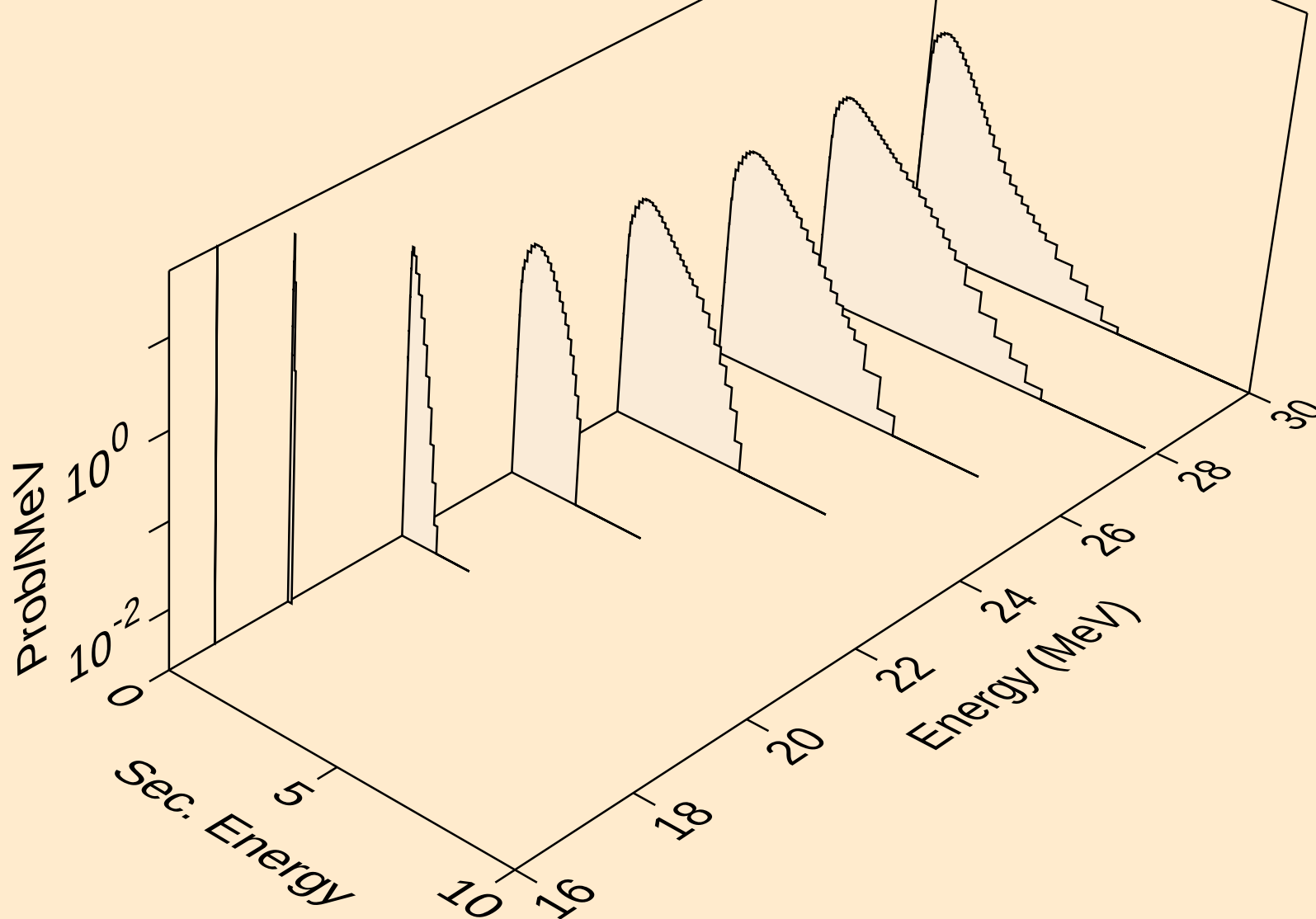
HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,n*)a



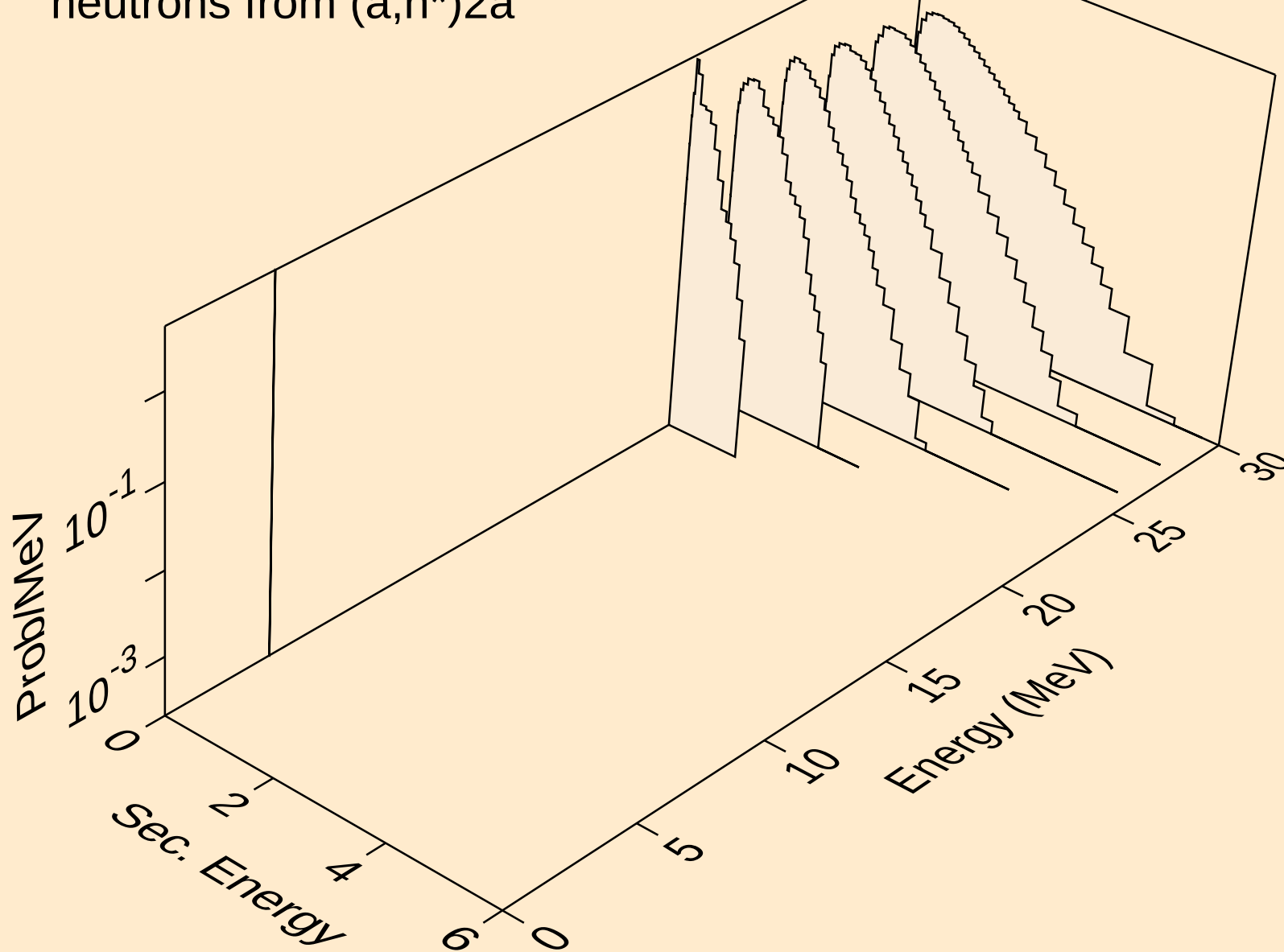
HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,2n)a



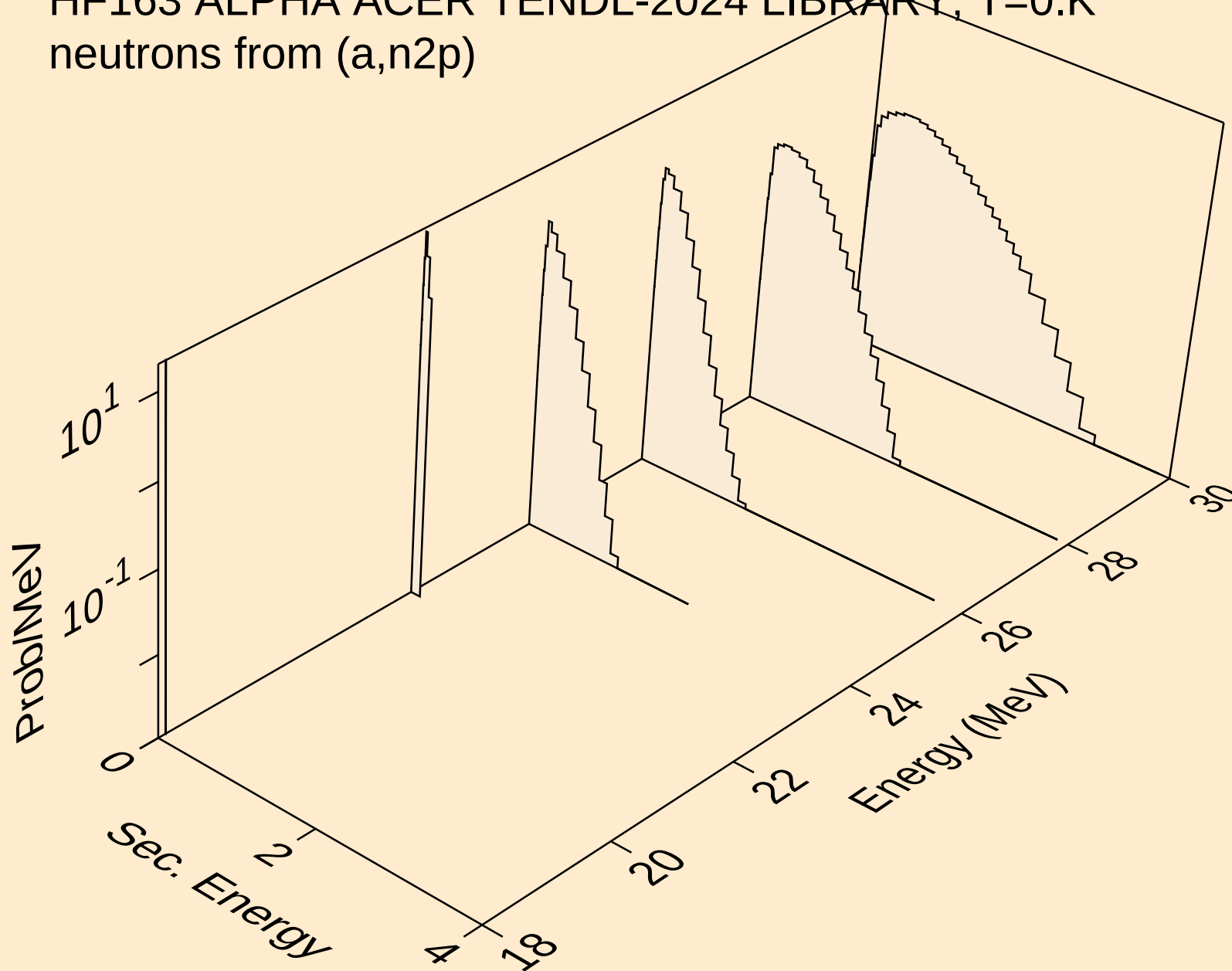
HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,n*)p



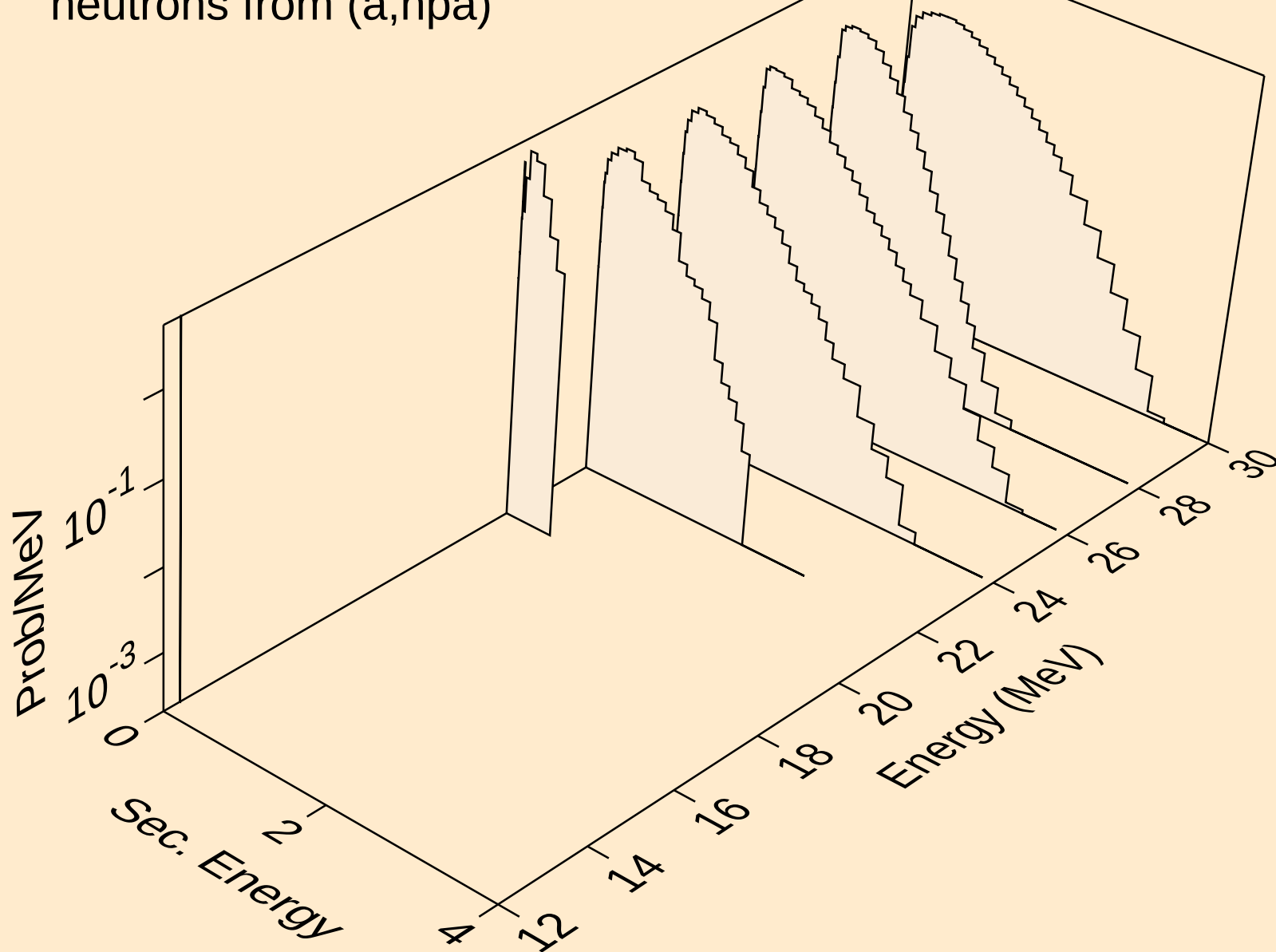
HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,n*)2a



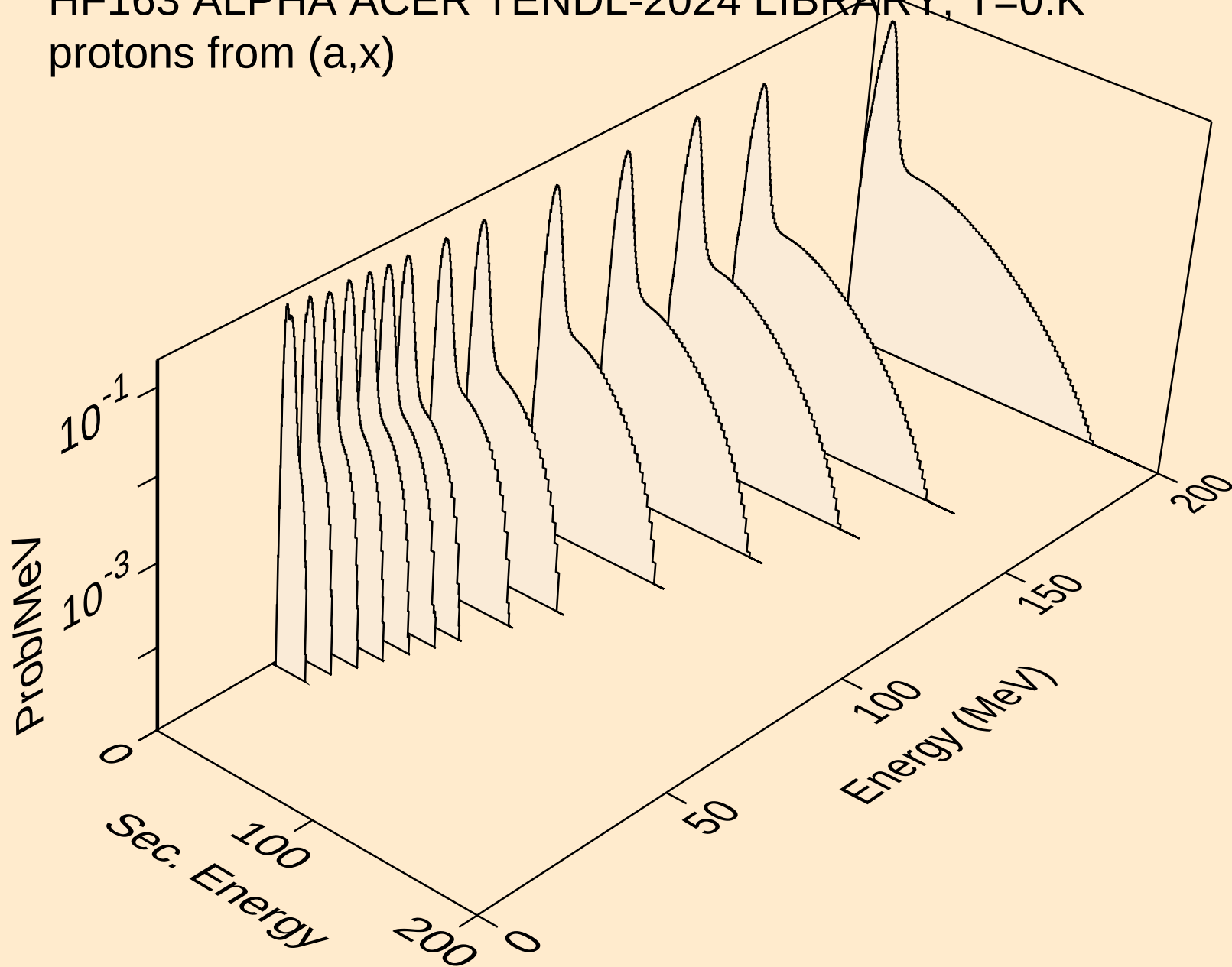
HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,n2p)



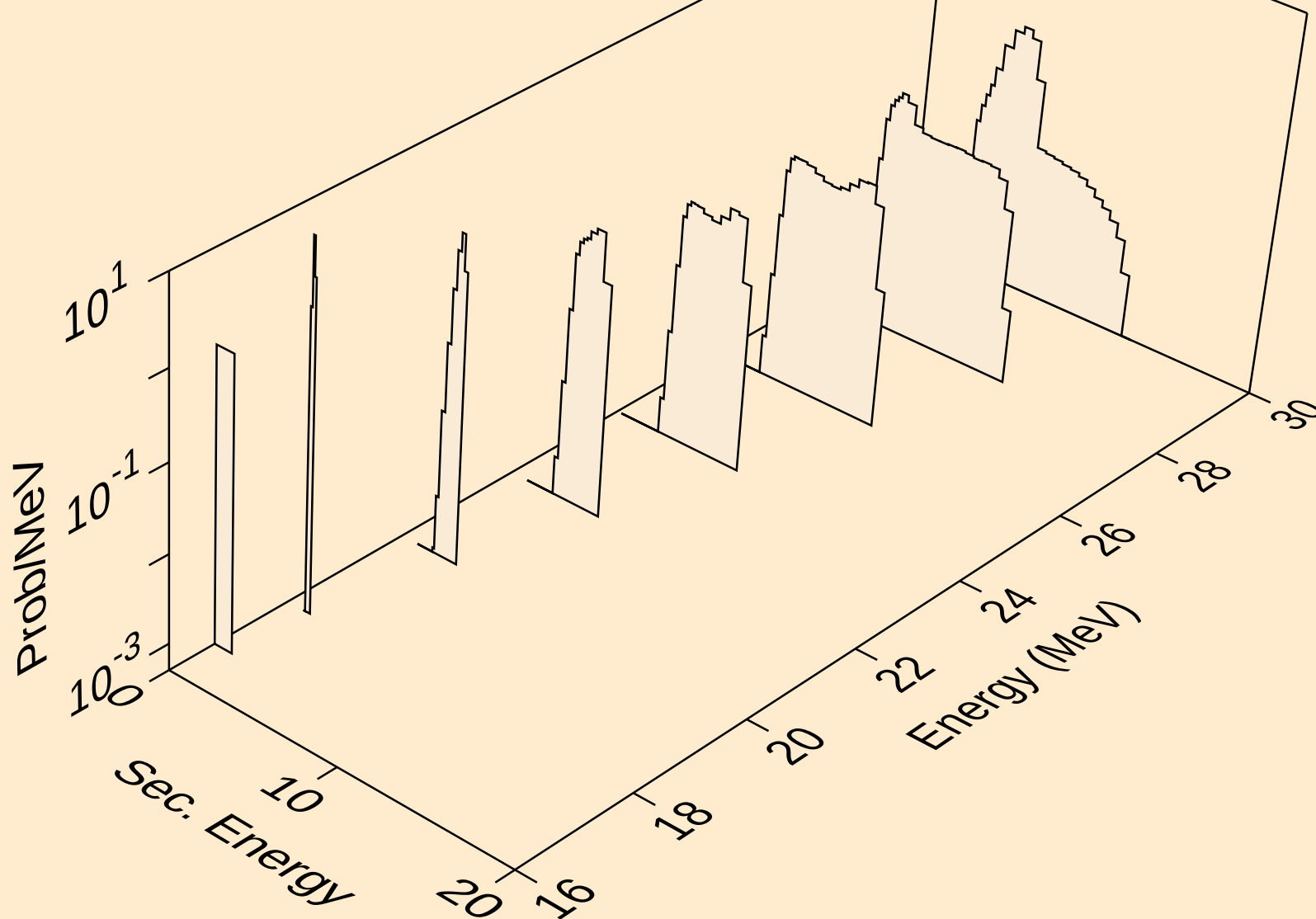
HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
neutrons from (a,npa)



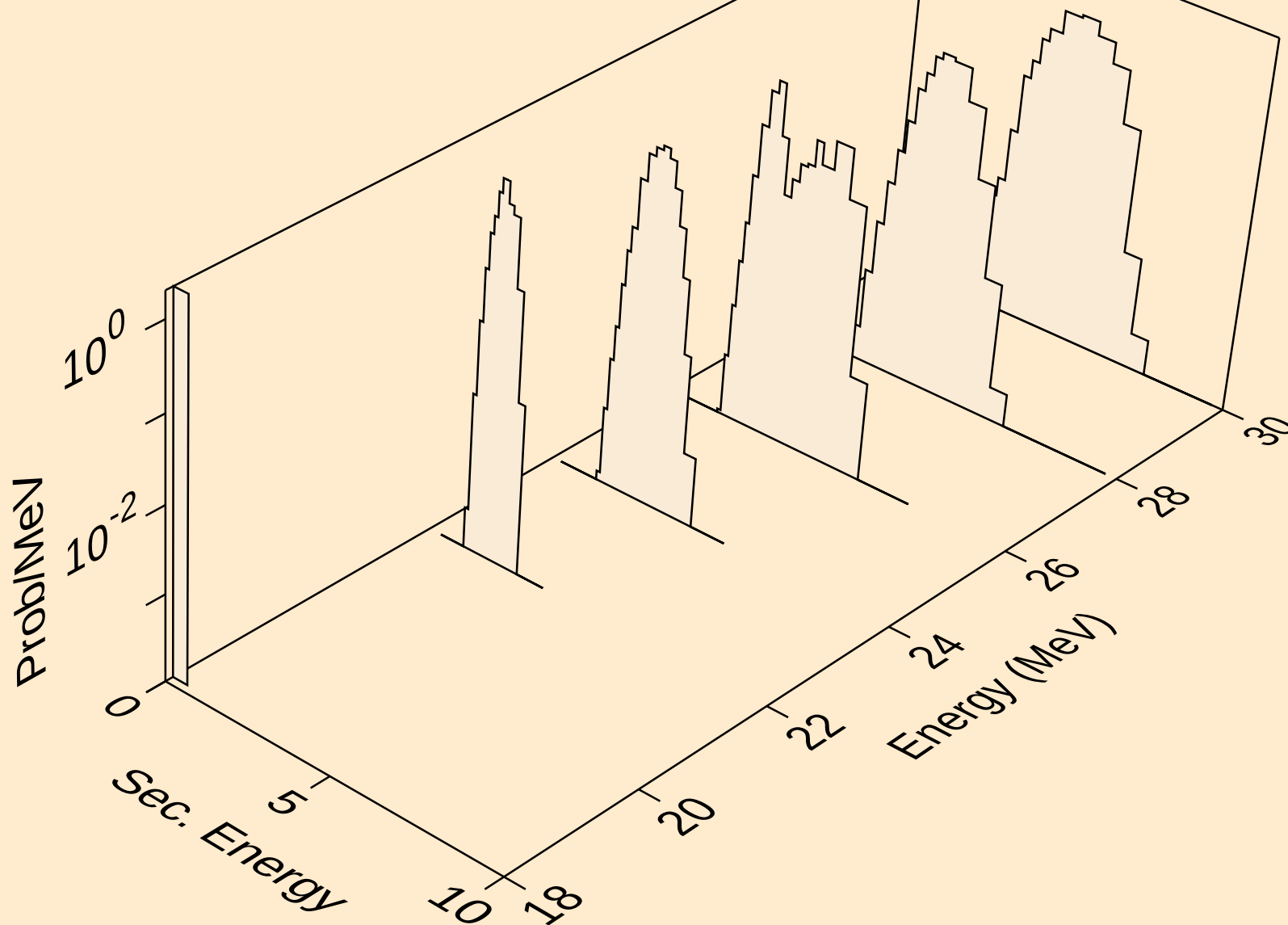
HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
protons from (a,x)



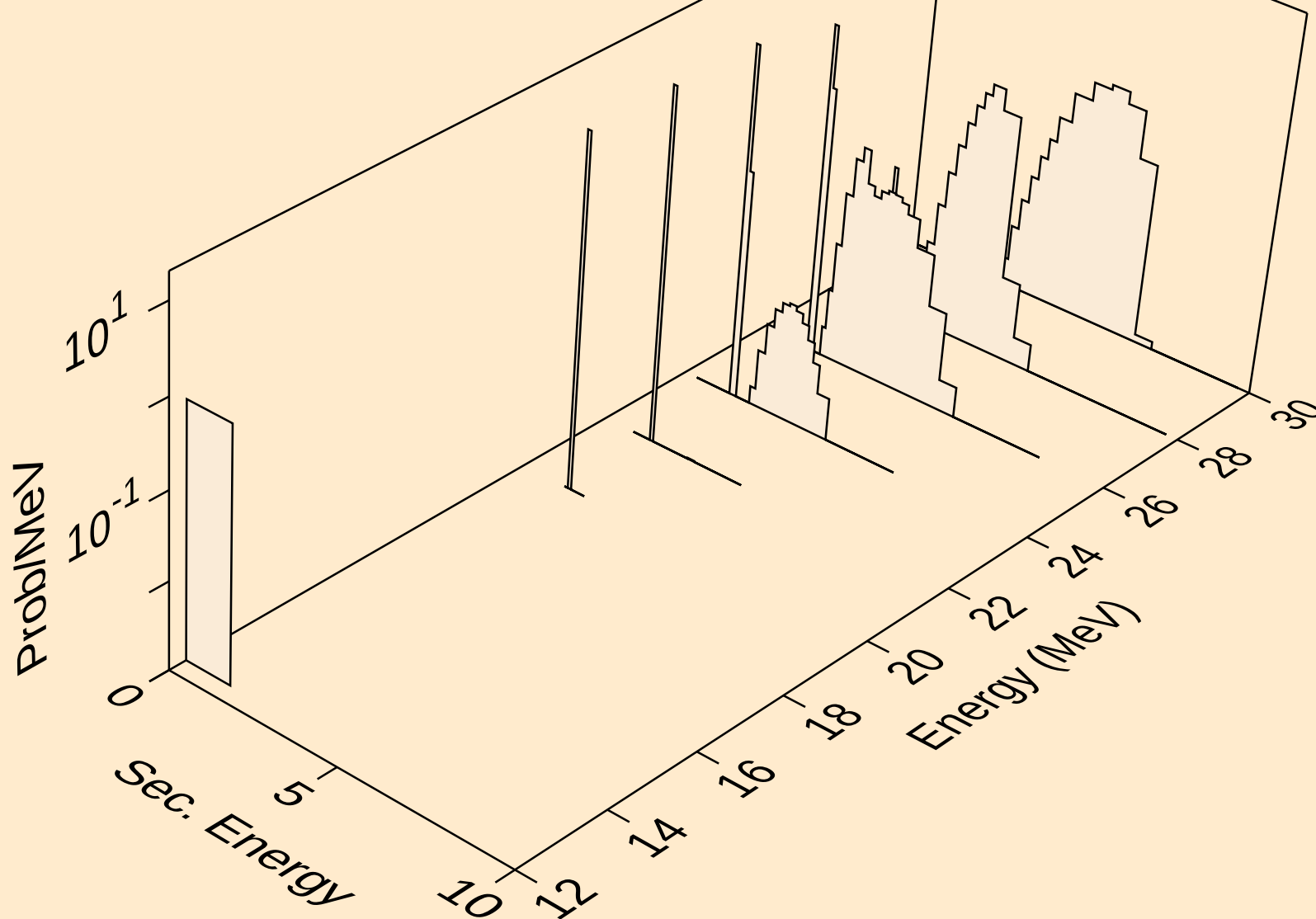
HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
protons from (a,n*)p



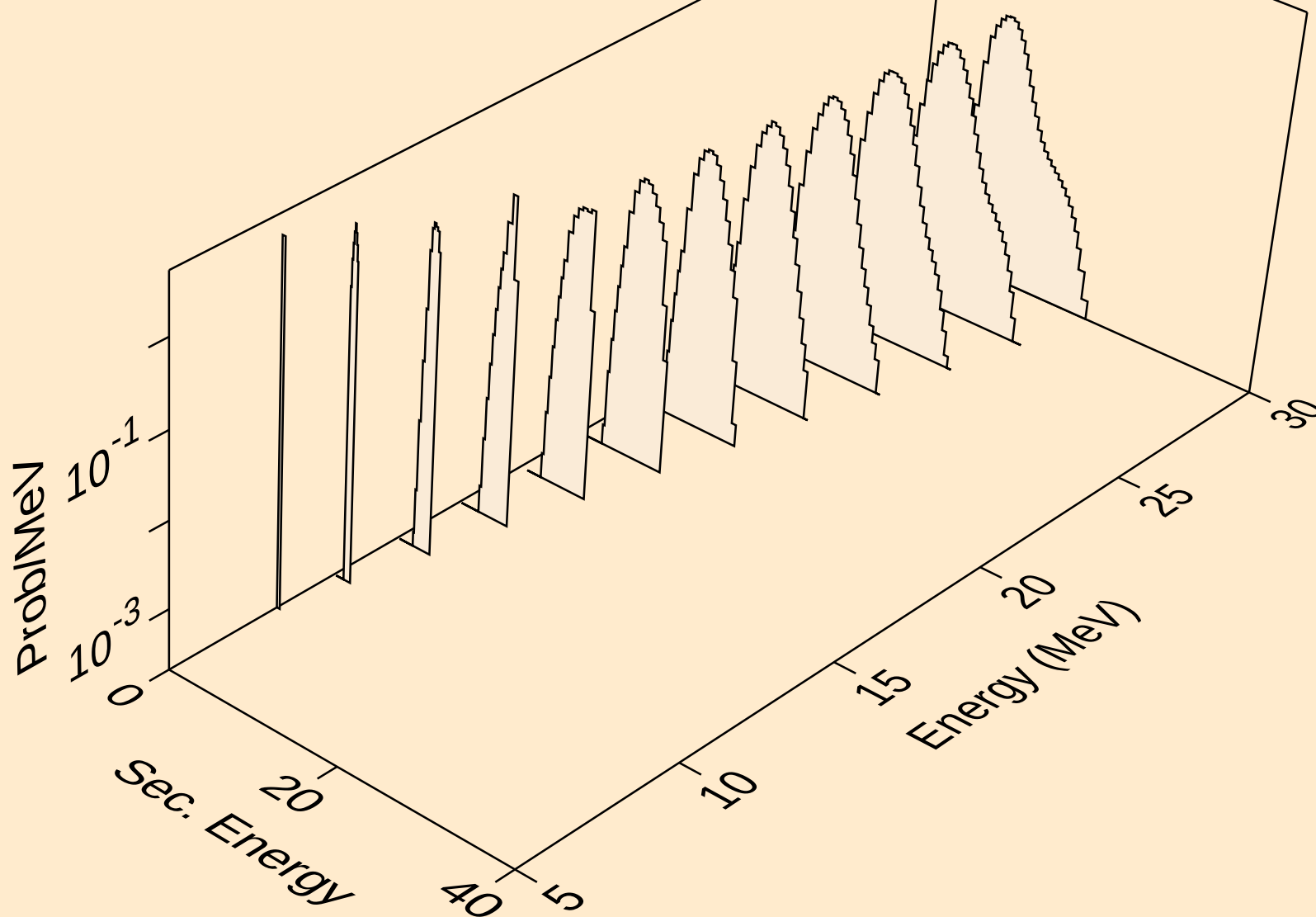
HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
protons from (a,n2p)



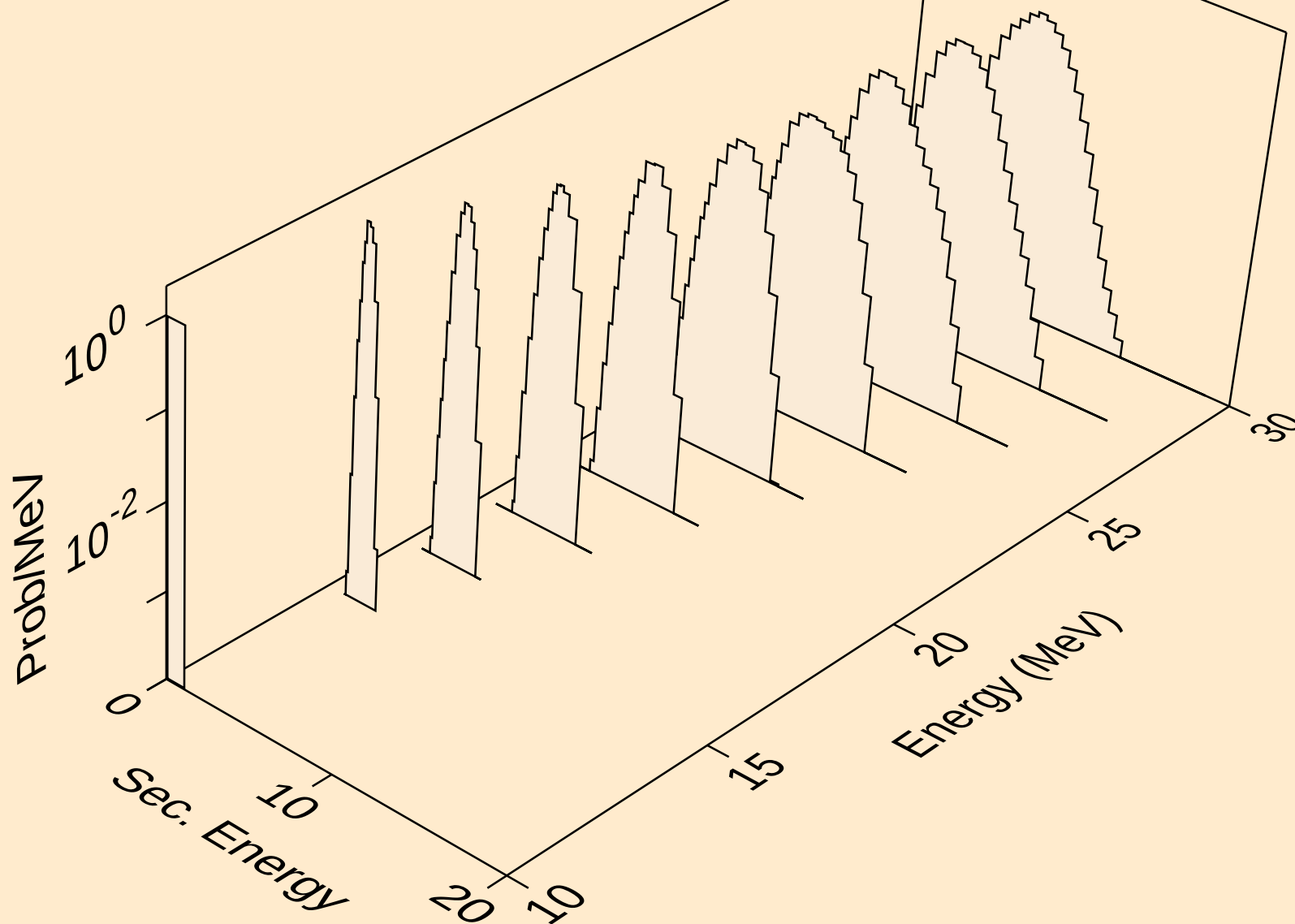
HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
protons from (a,npa)



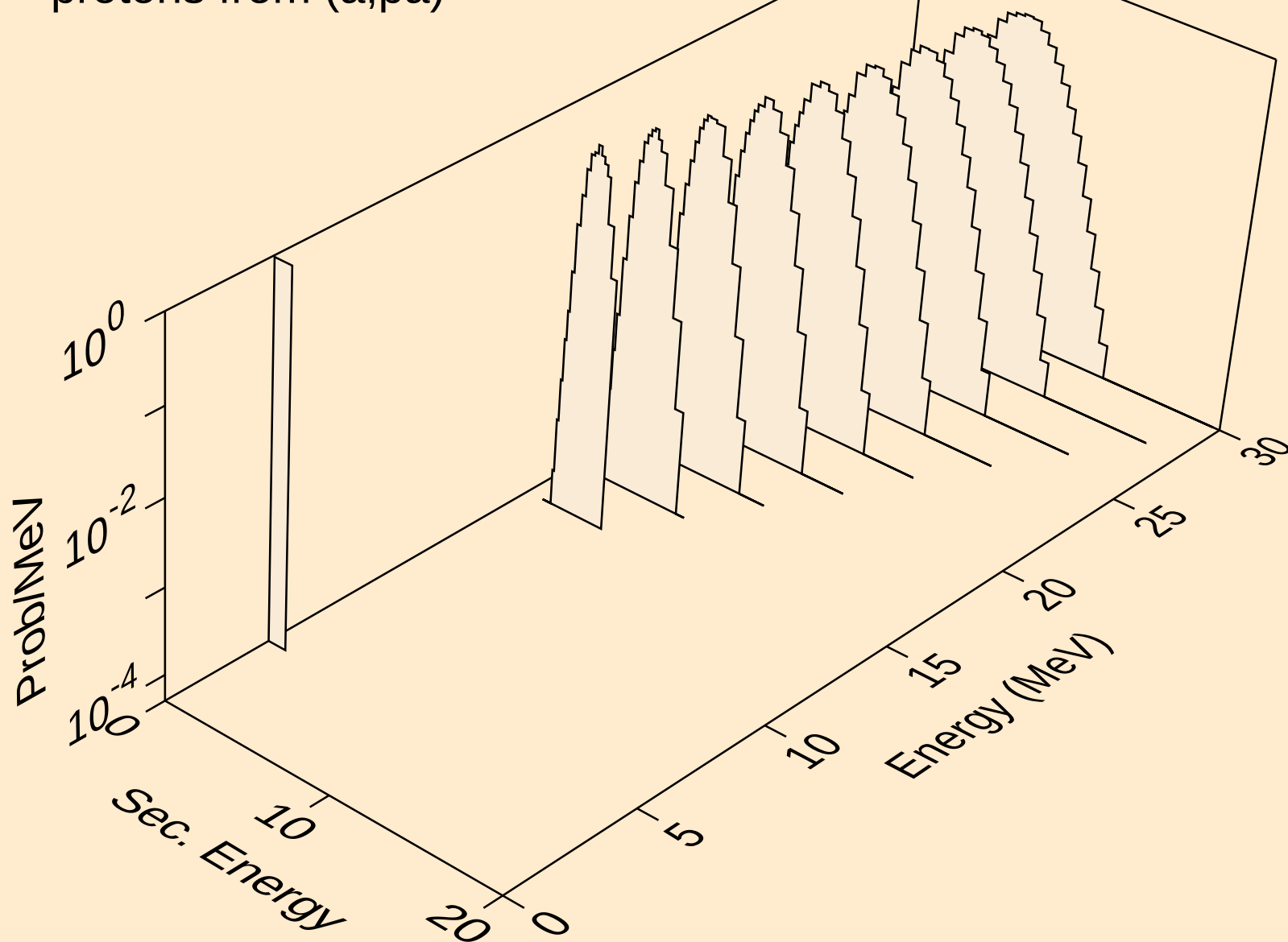
HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
protons from (a,p)



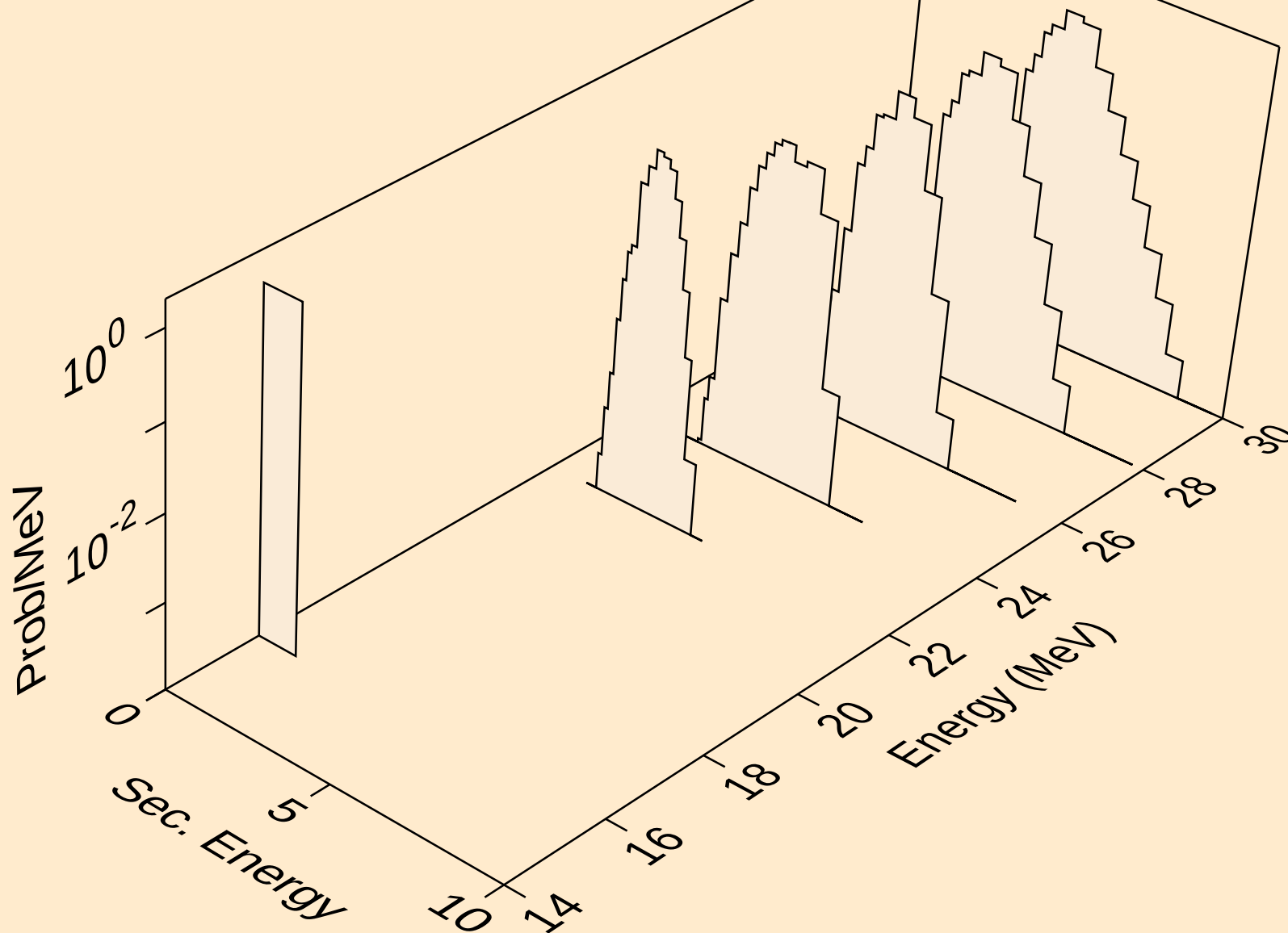
HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
protons from (a,2p)



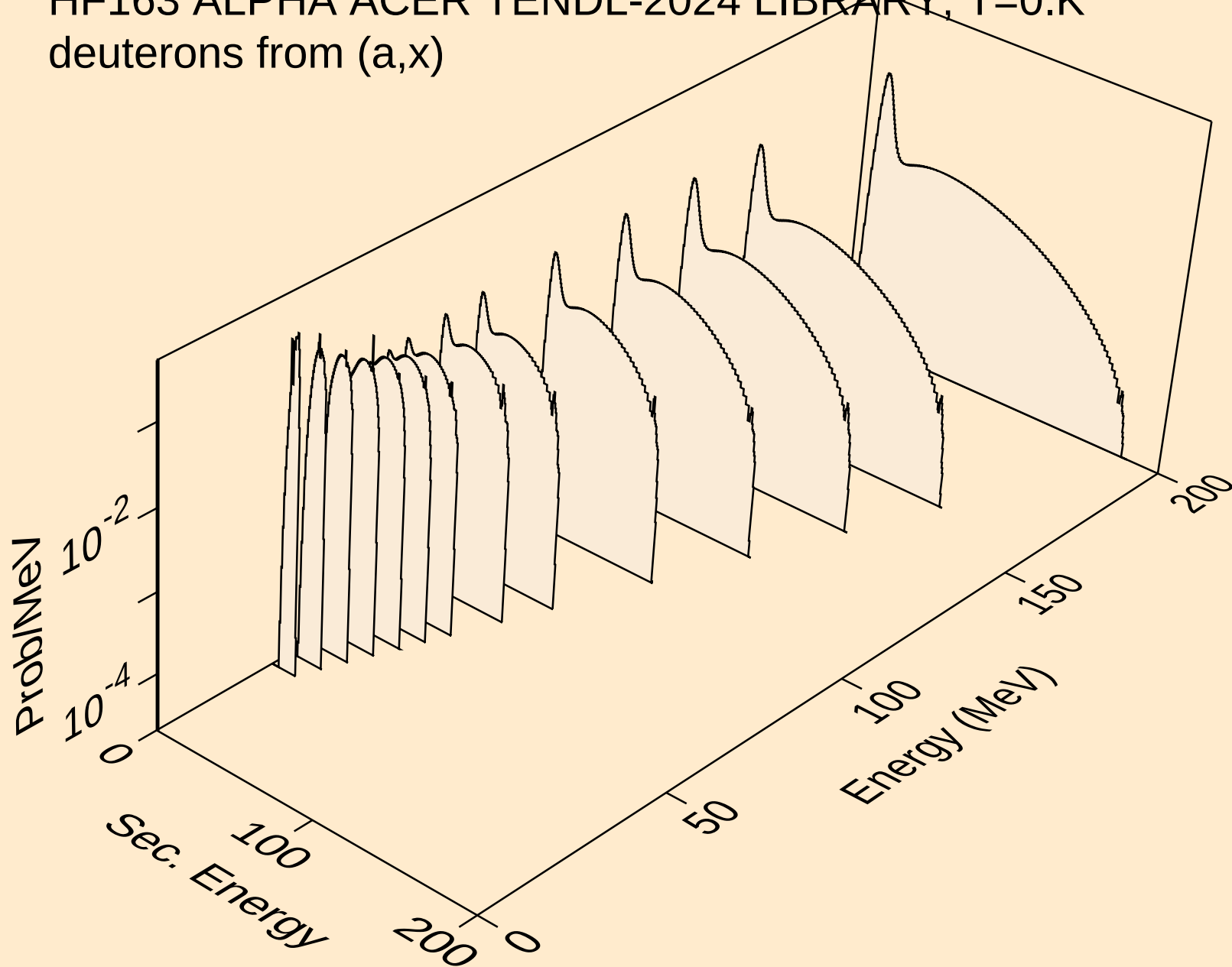
HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
protons from (a,pa)



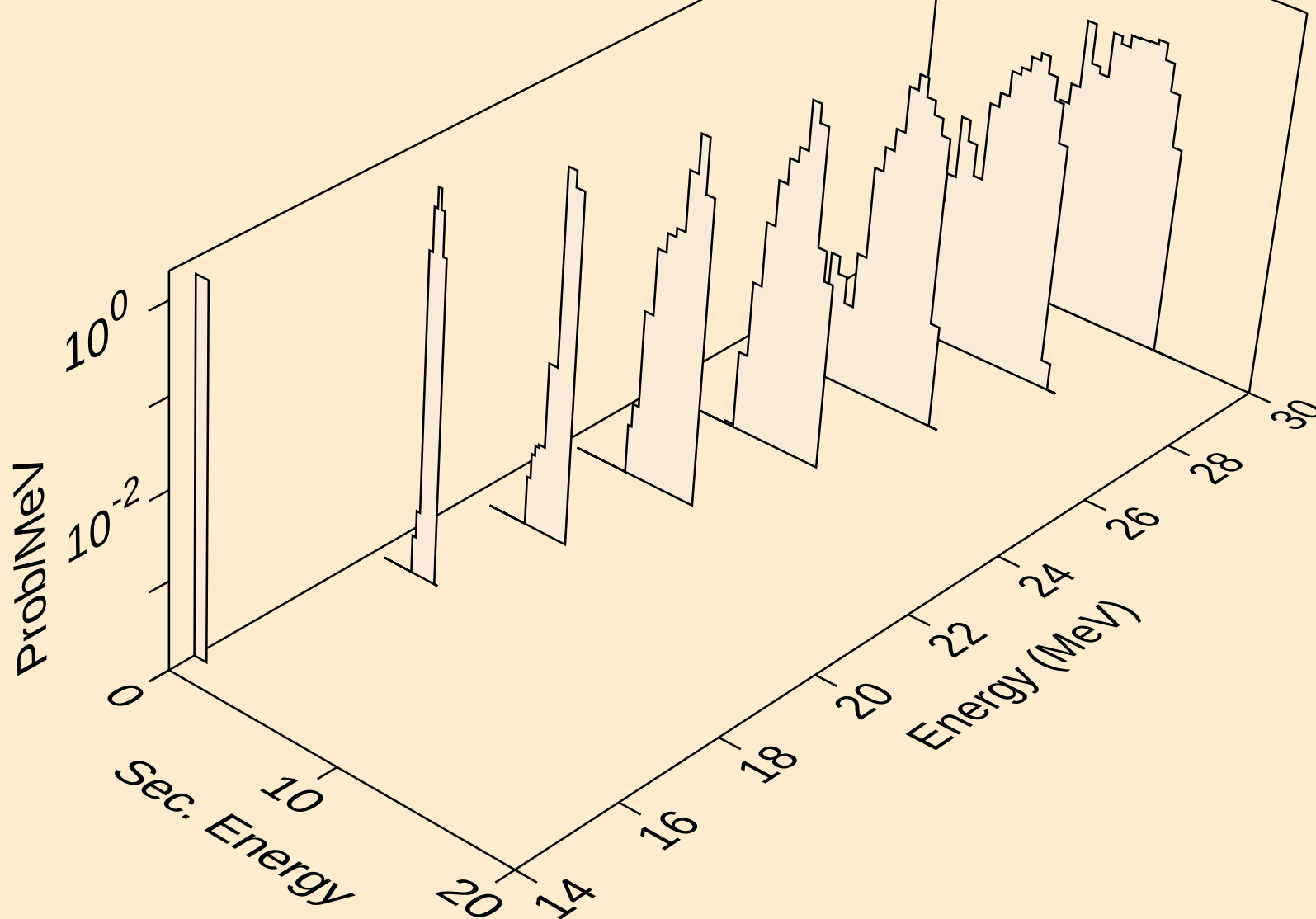
HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
protons from (a,pd)



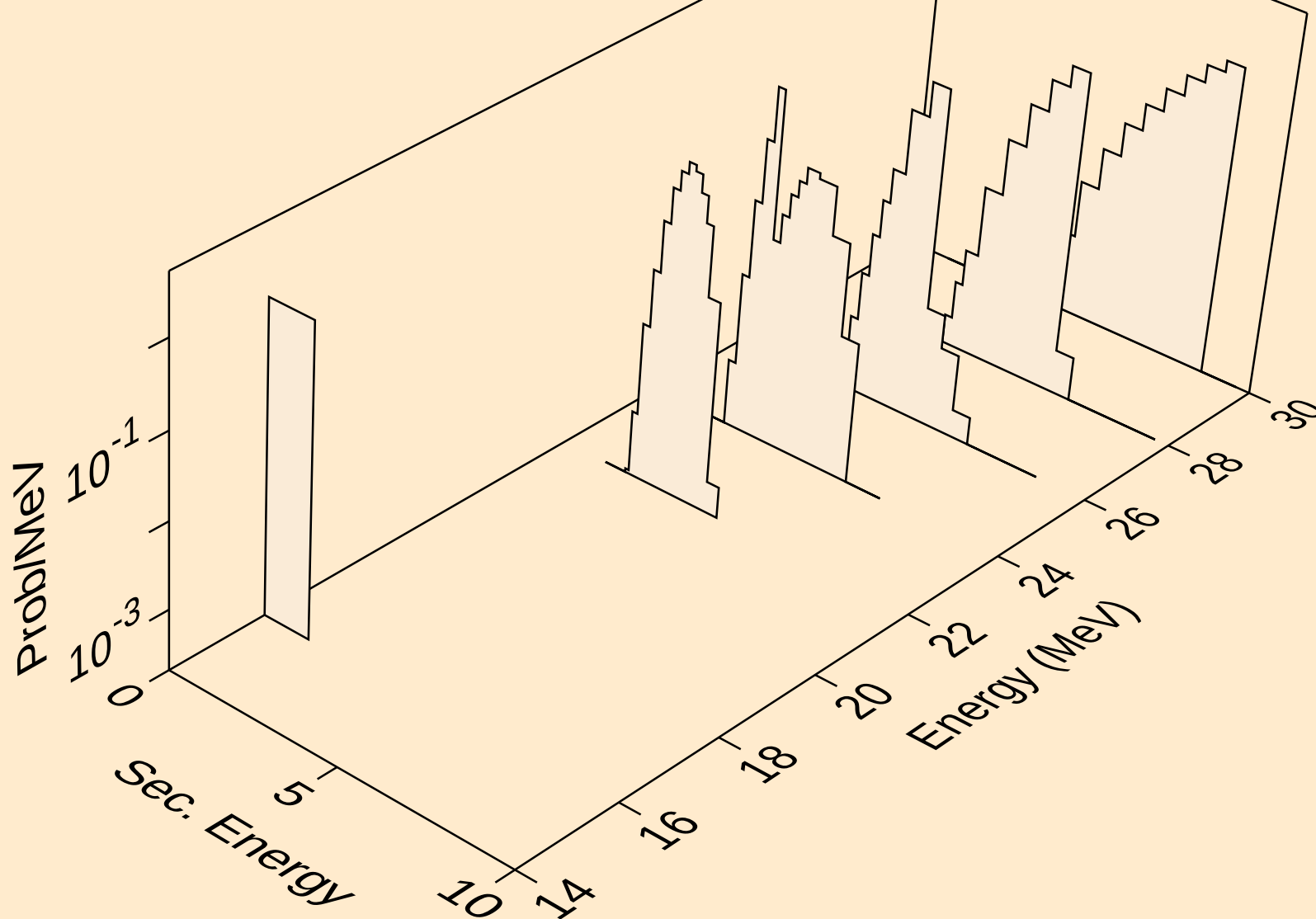
HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (a,x)



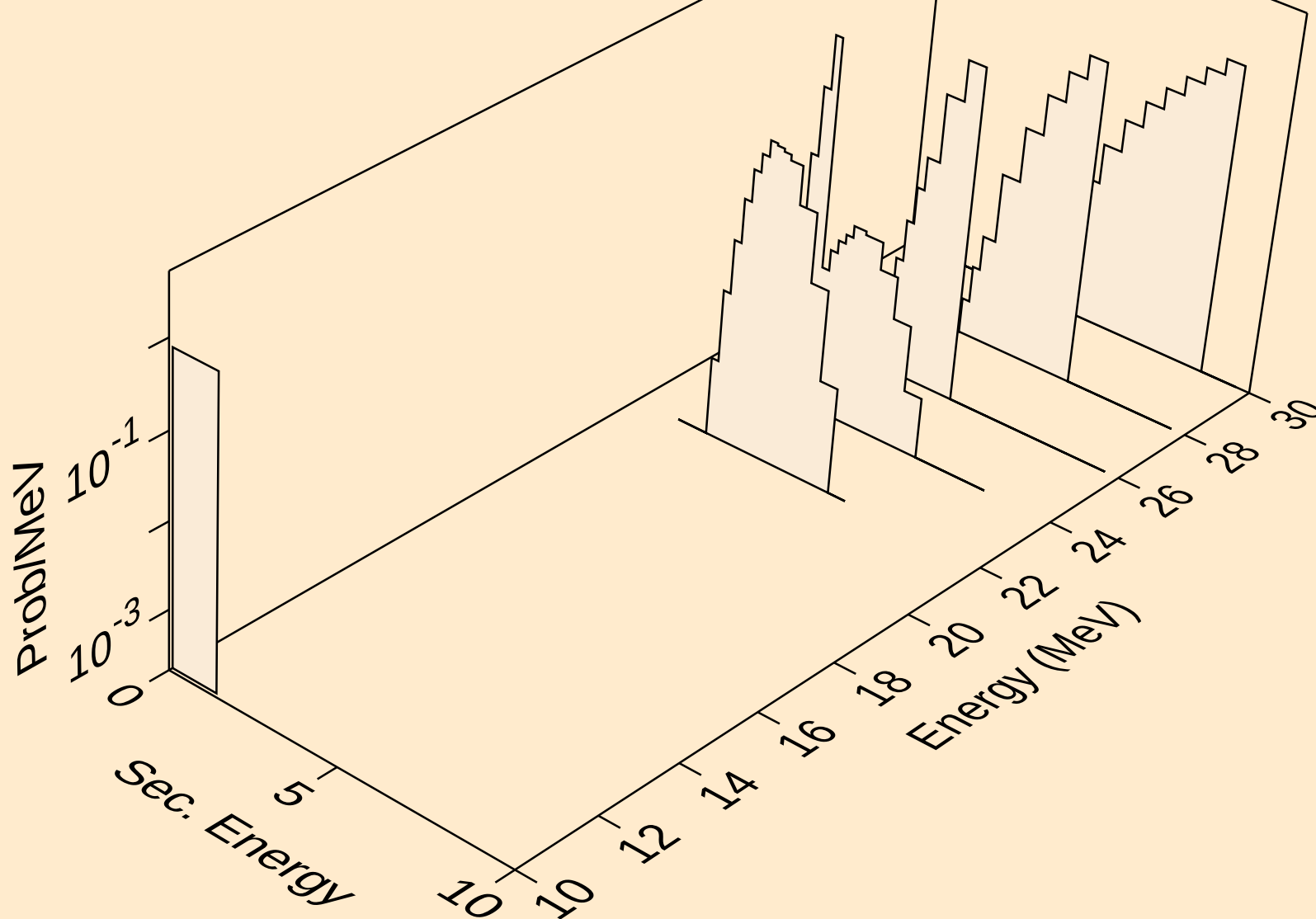
HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (a,d)



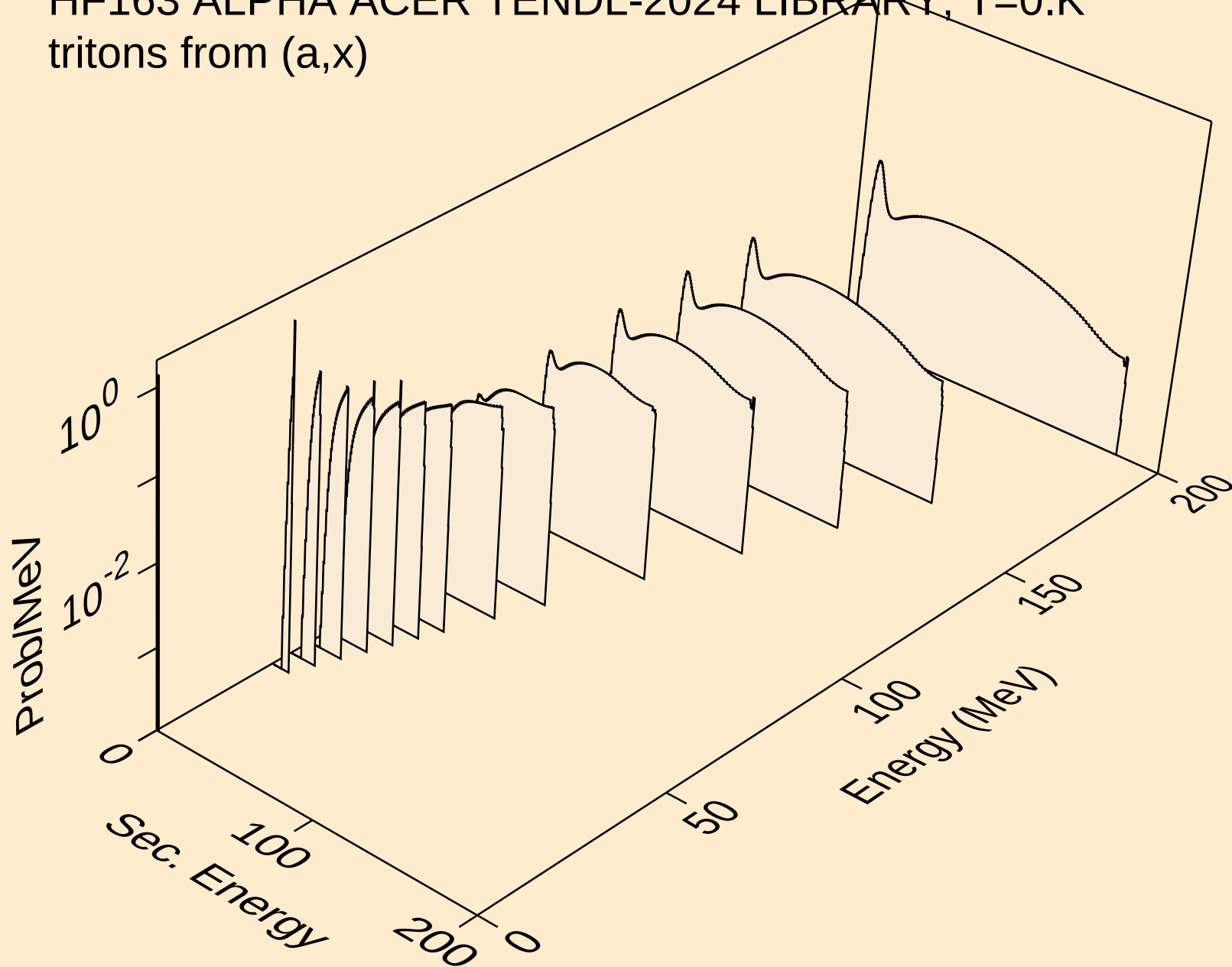
HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (a,pd)



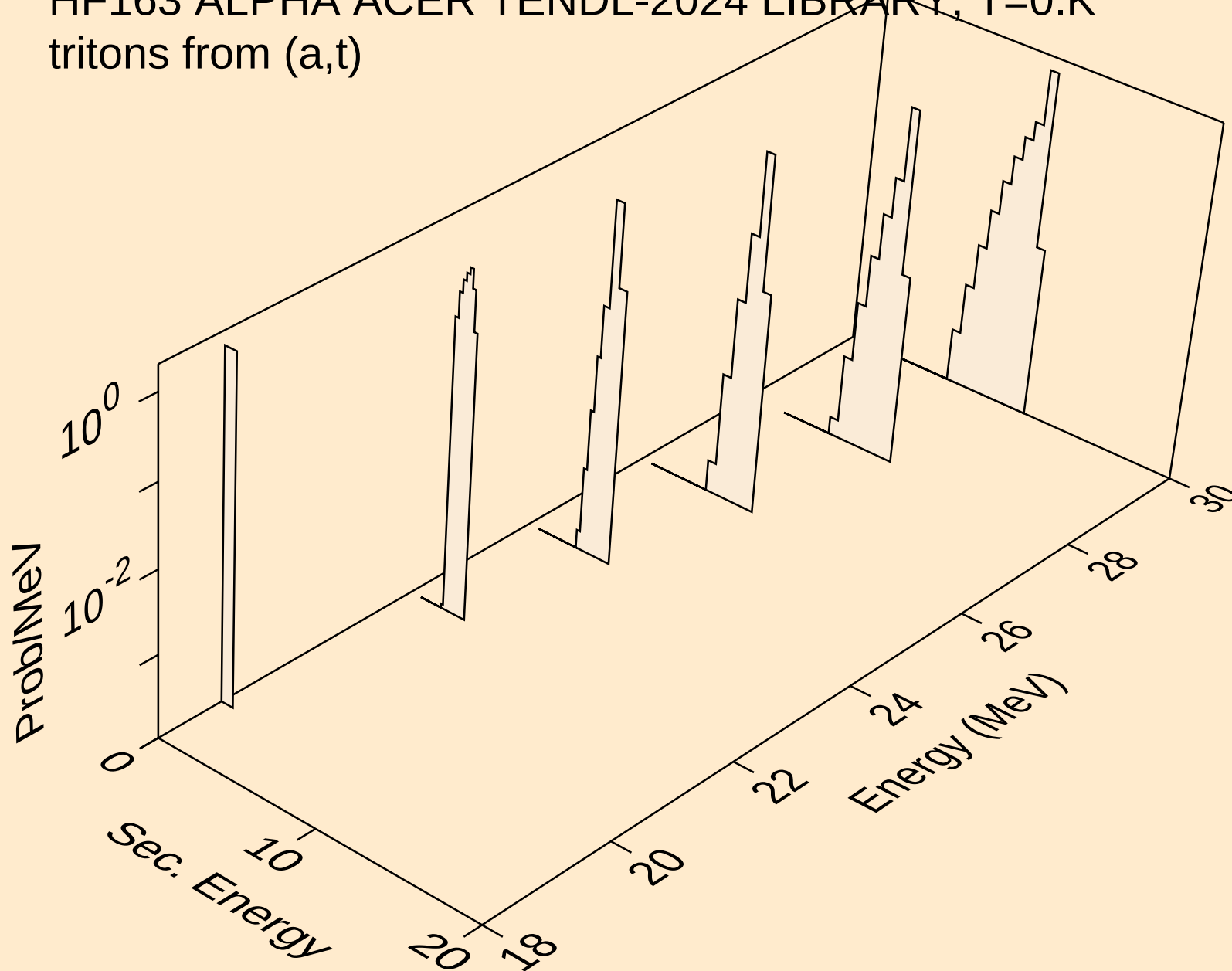
HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
deuterons from (a,da)



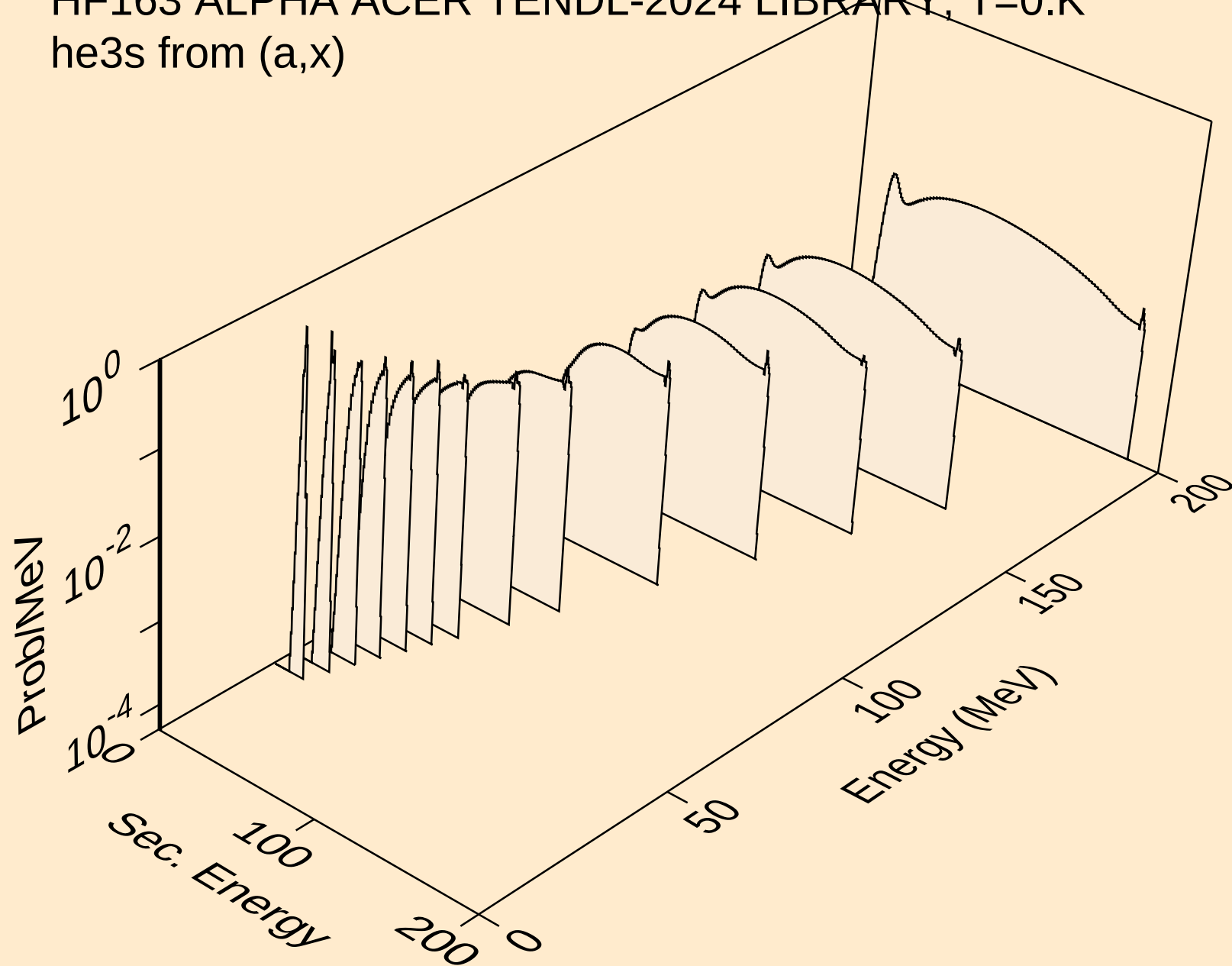
HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
tritons from (a,x)



HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
tritons from (a,t)



HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
he3s from (a,x)



HF163 ALPHA ACER TENDL-2024 LIBRARY; T=0.K
he3s from (a,he3)

