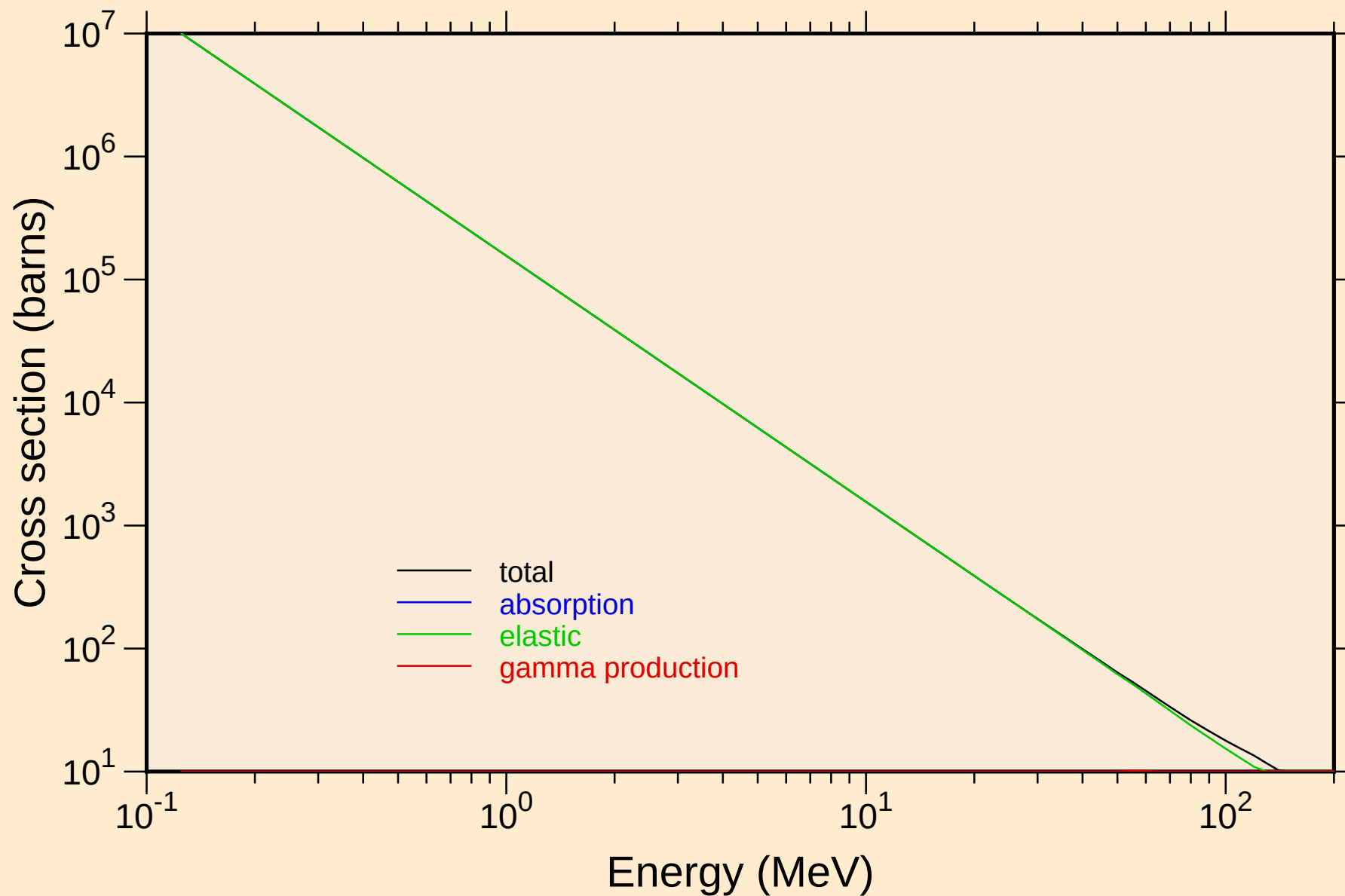


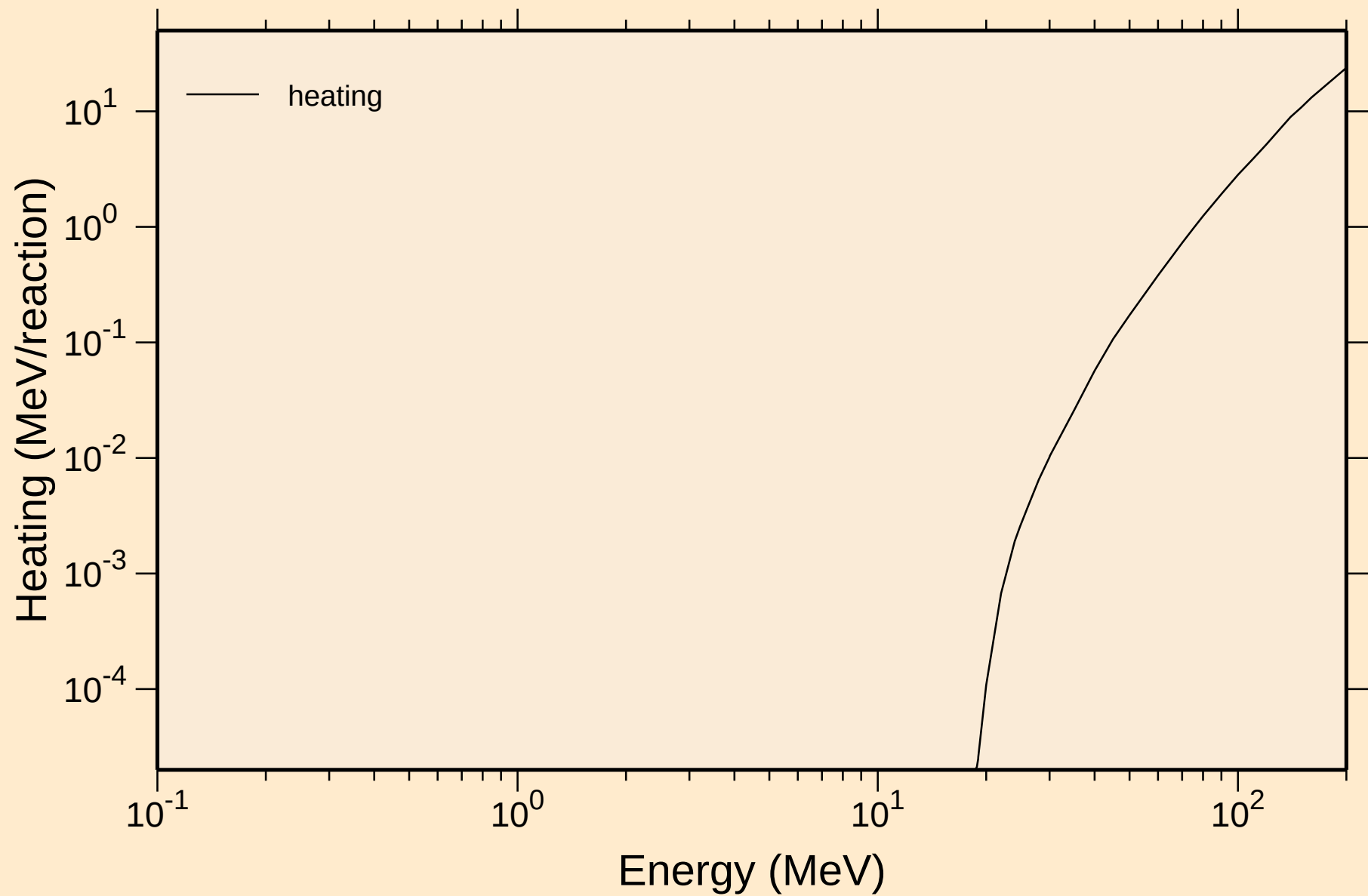
PT181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Principal cross sections



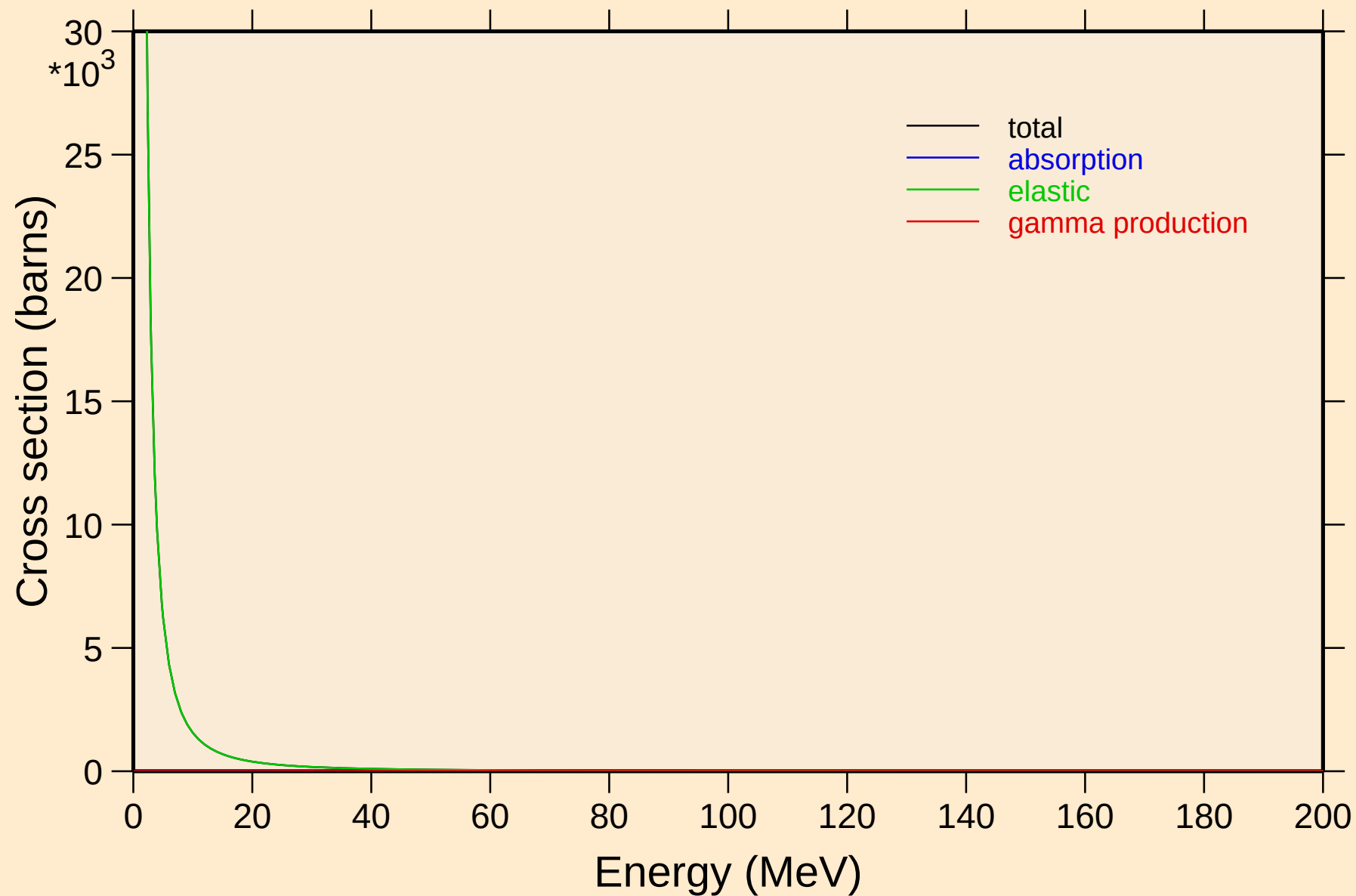
PT181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Heating



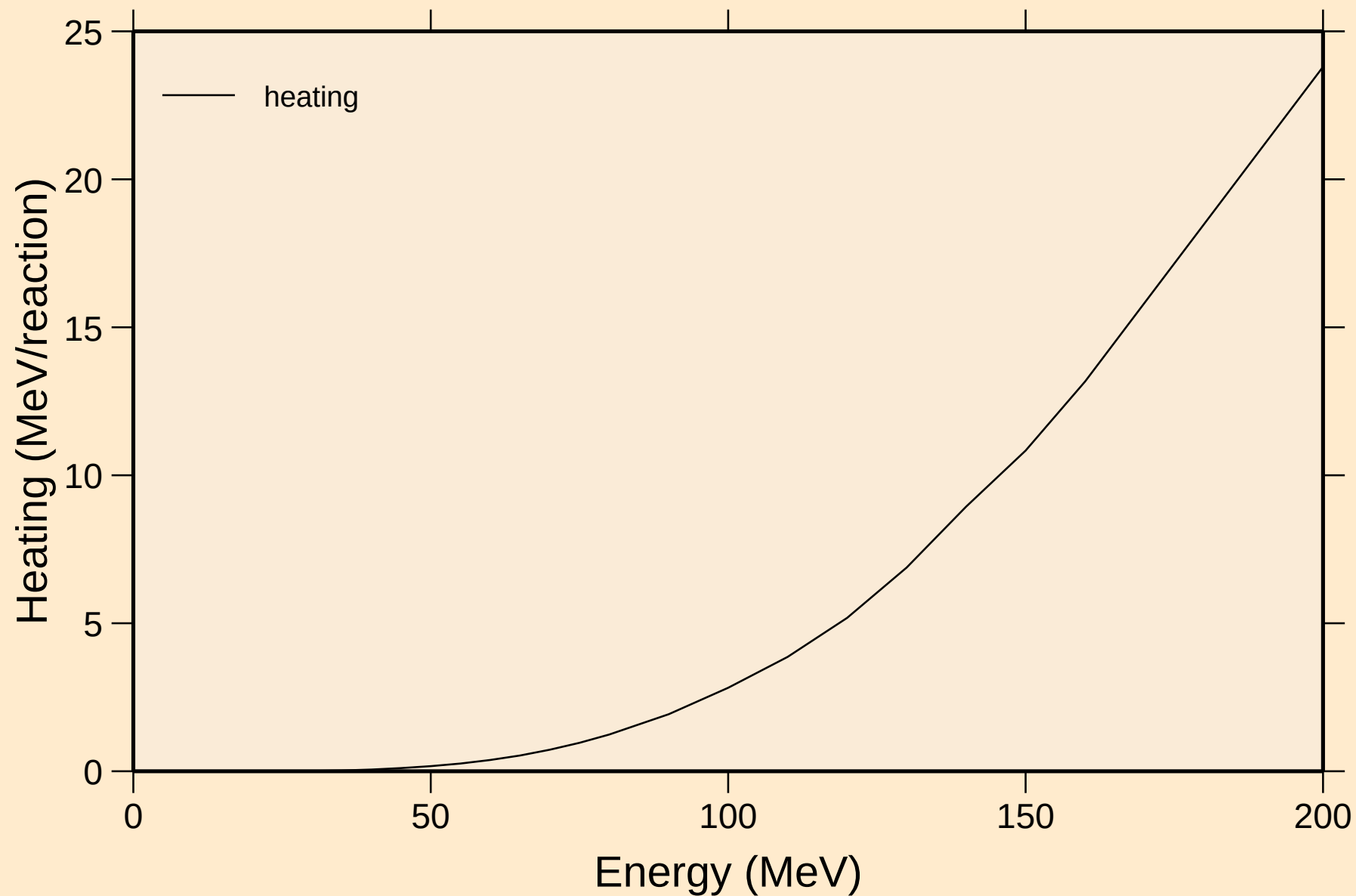
PT181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Principal cross sections



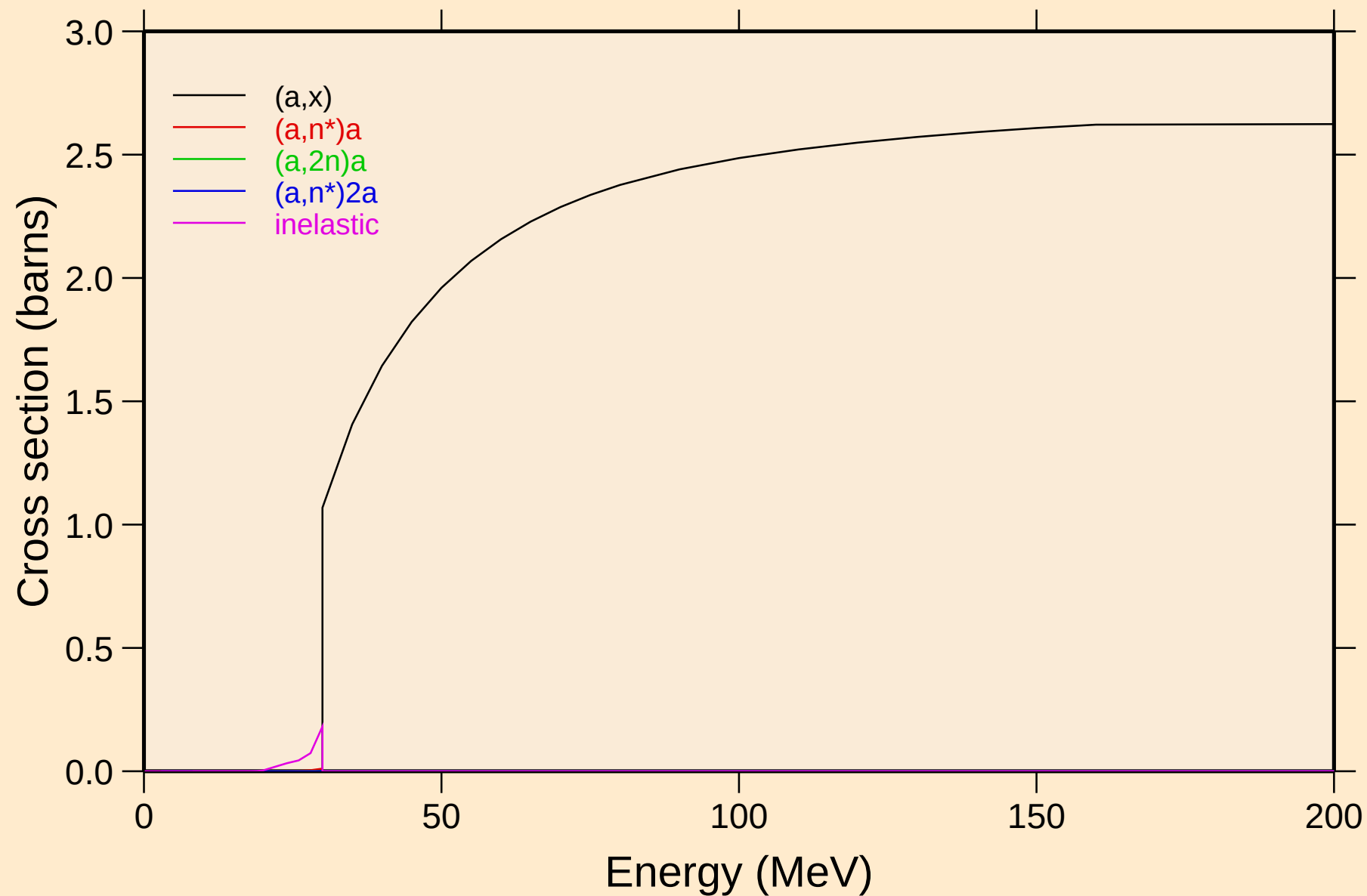
PT181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Heating



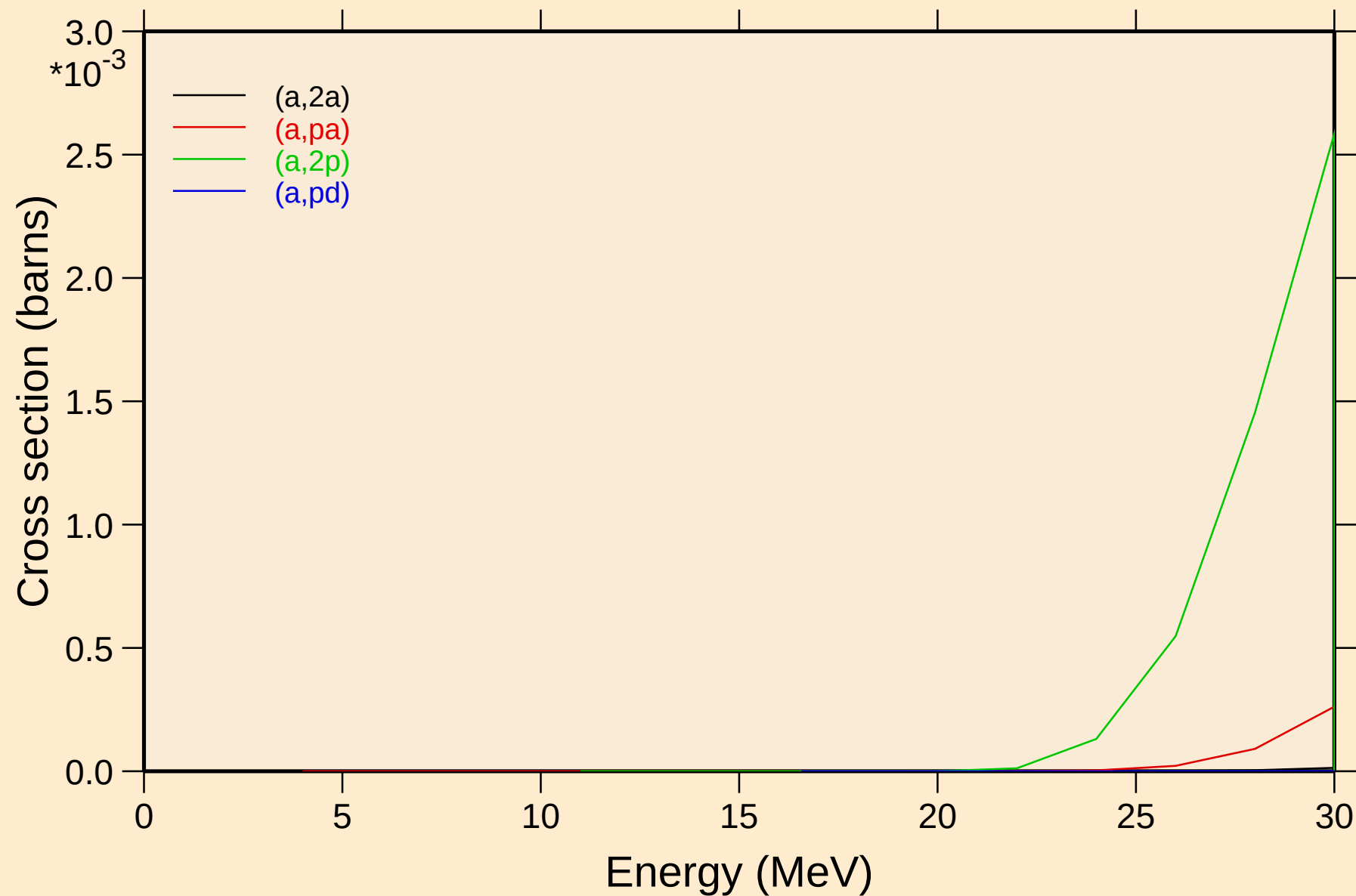
PT181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Threshold reactions

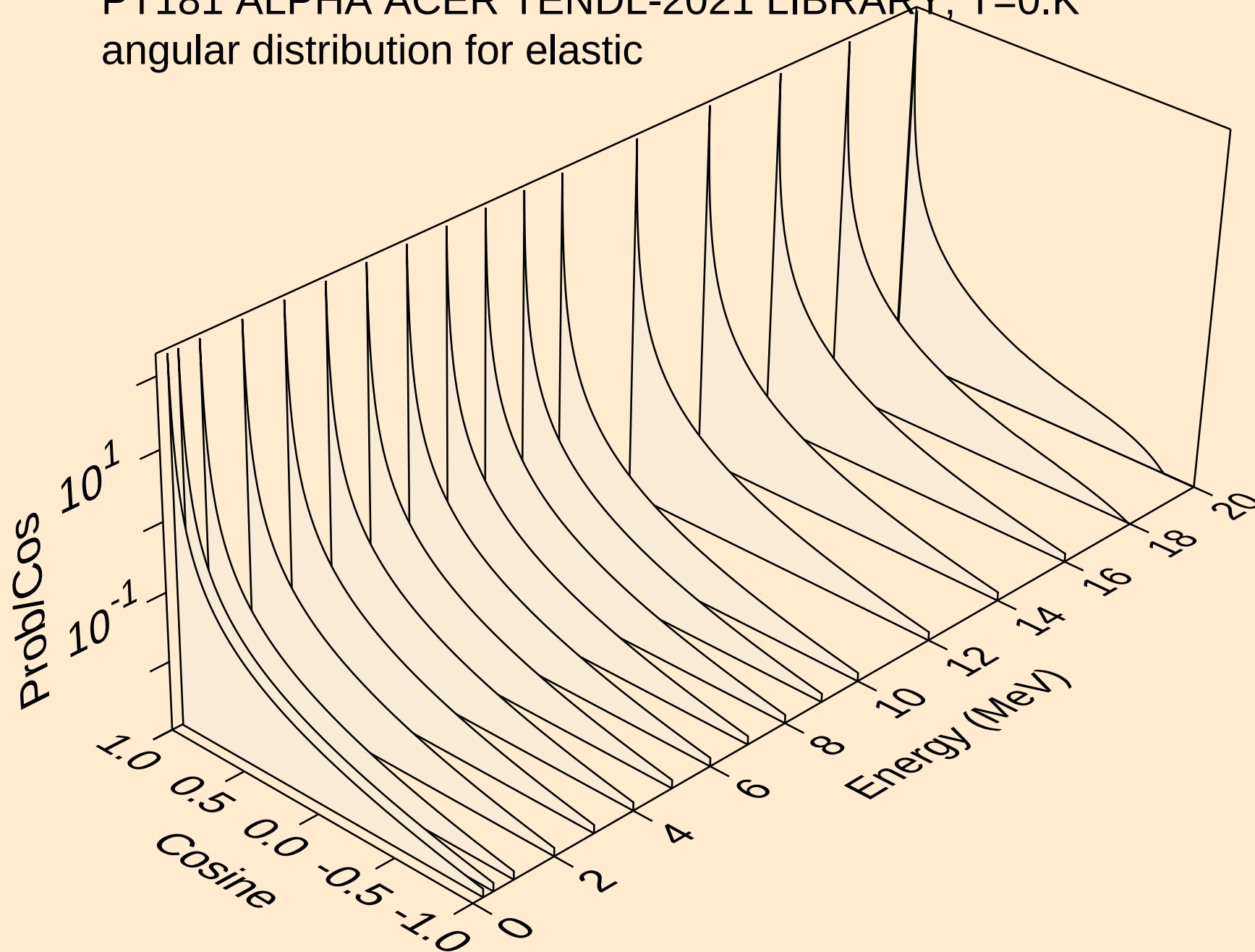


PT181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

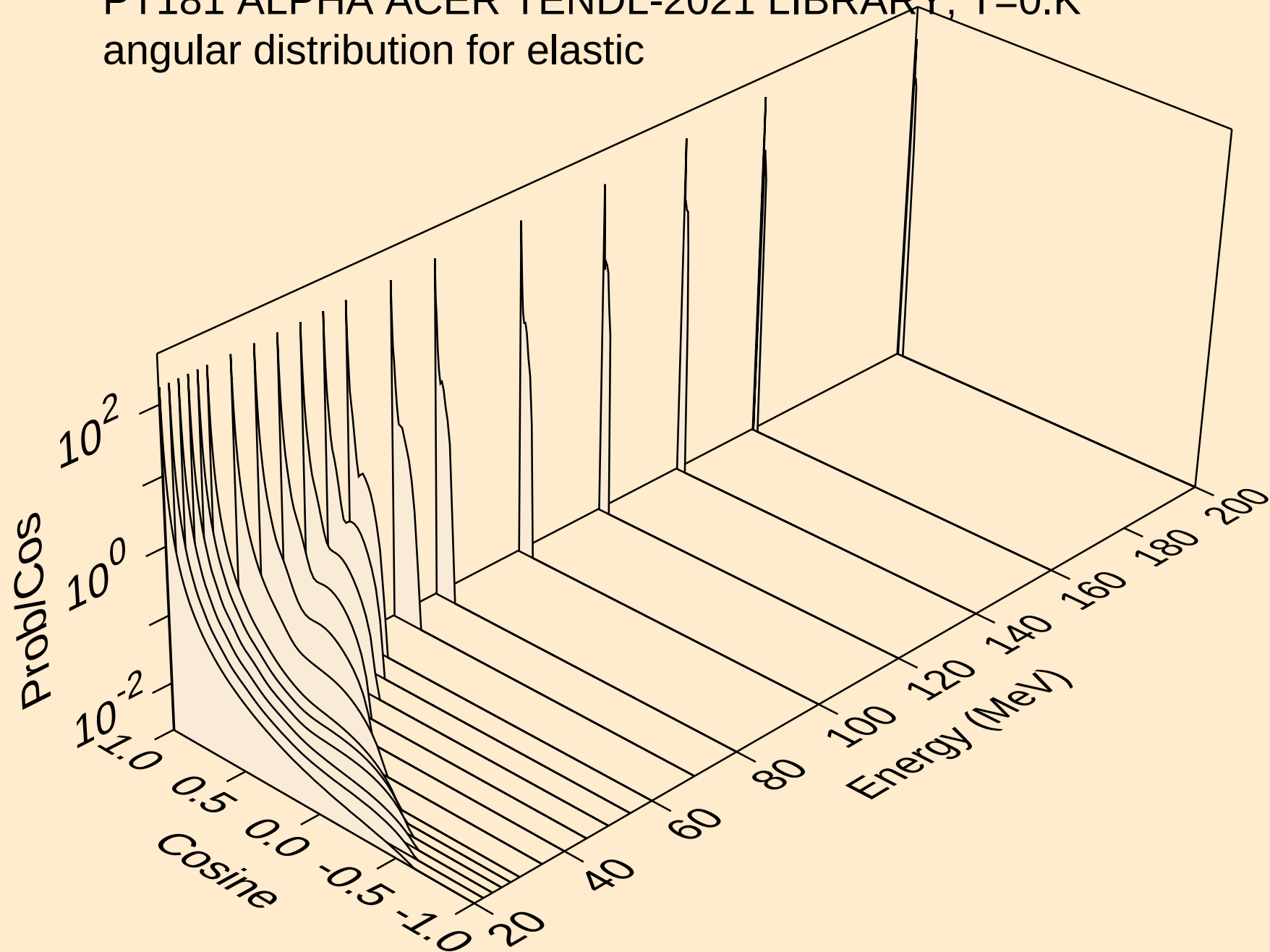
Threshold reactions



PT181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
angular distribution for elastic

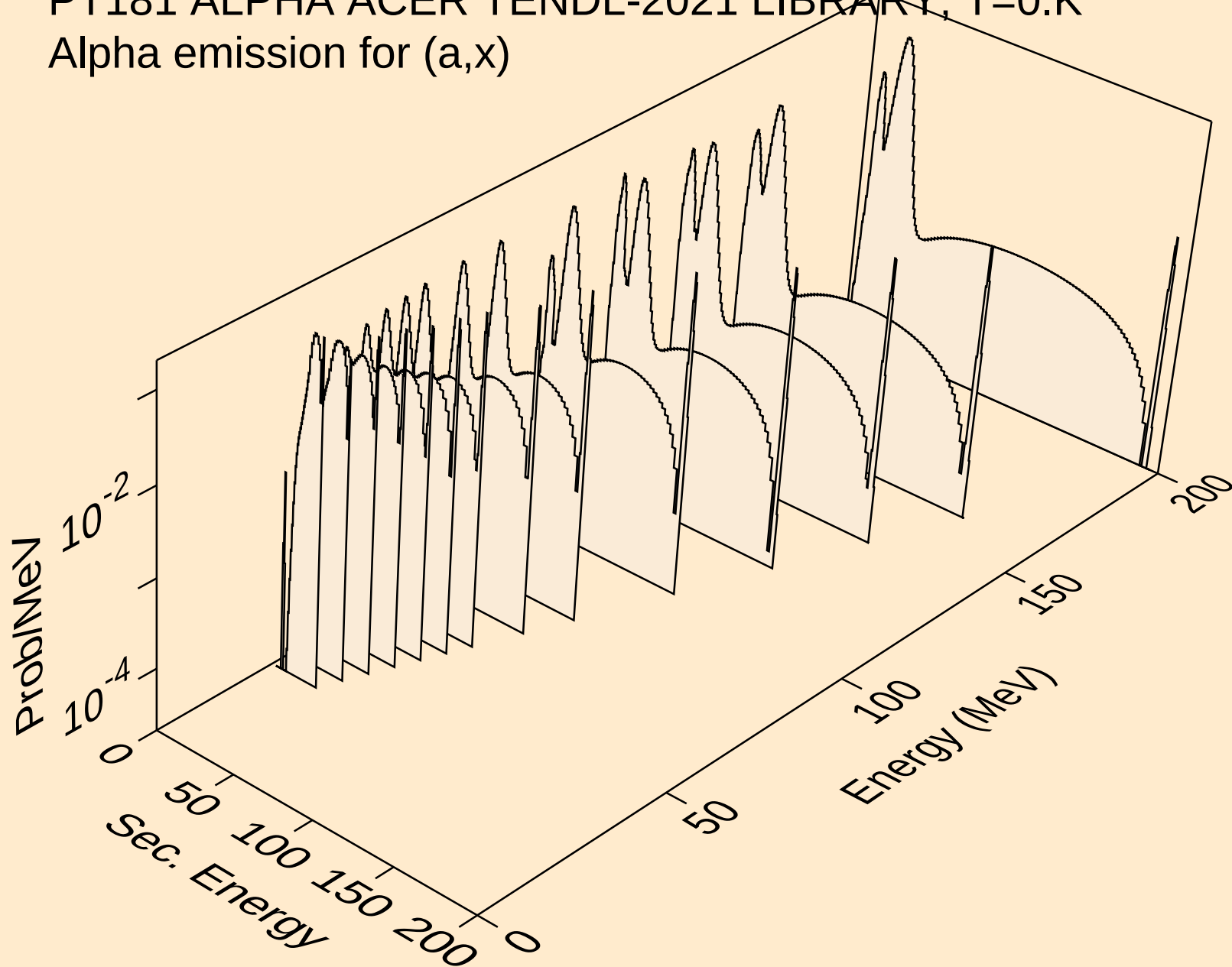


PT181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
angular distribution for elastic



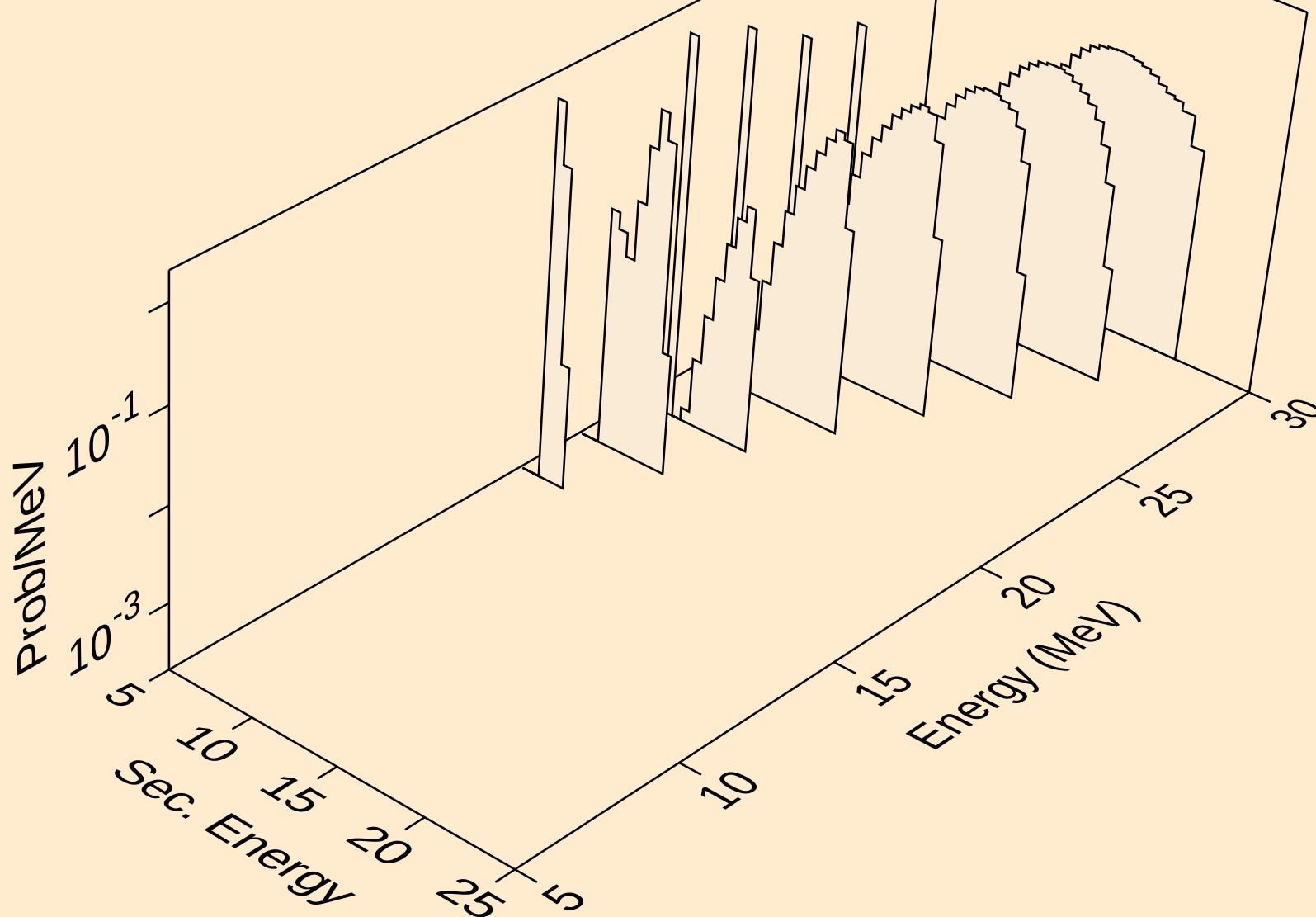
PT181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Alpha emission for (a,x)



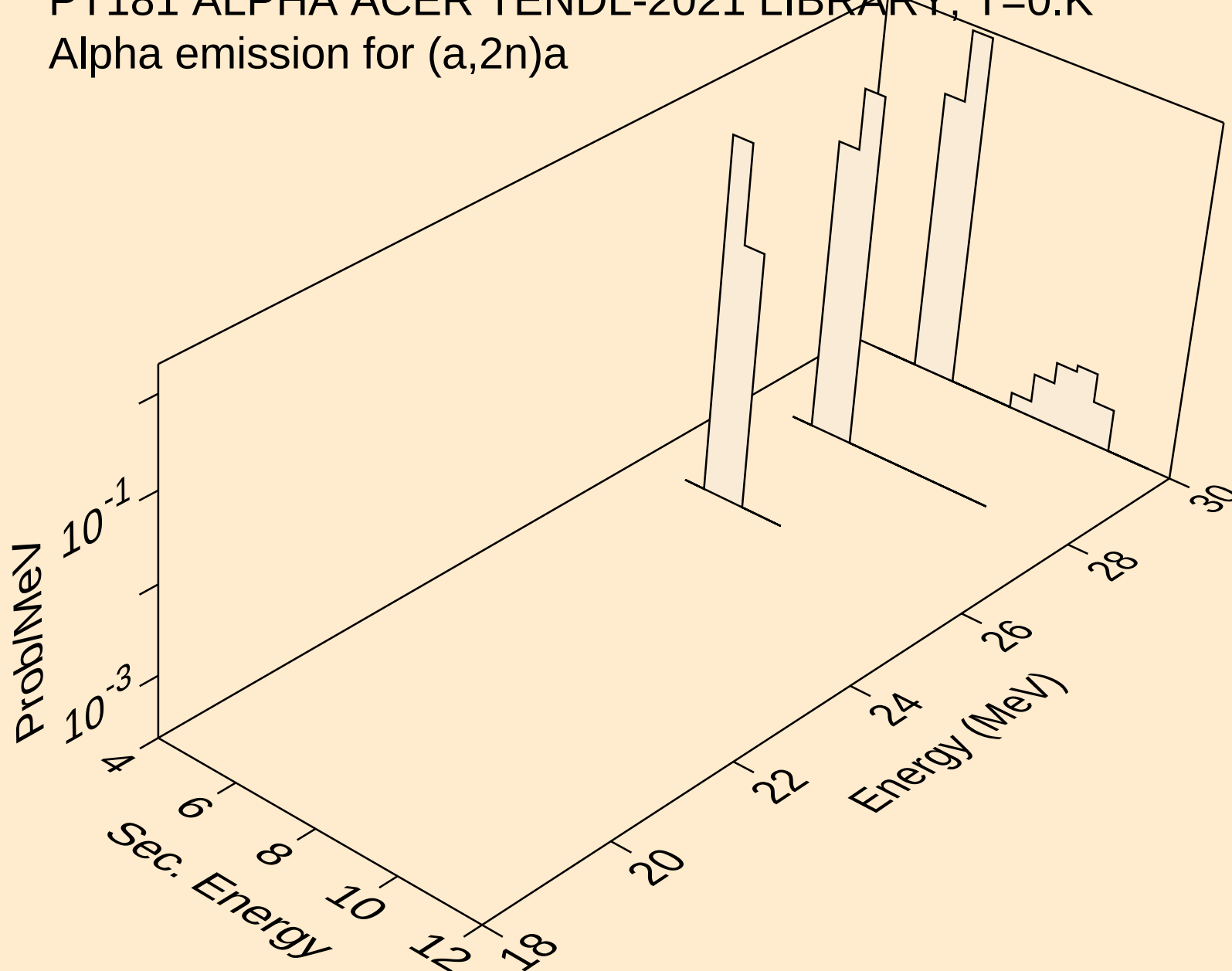
PT181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Alpha emission for (a,n*)a



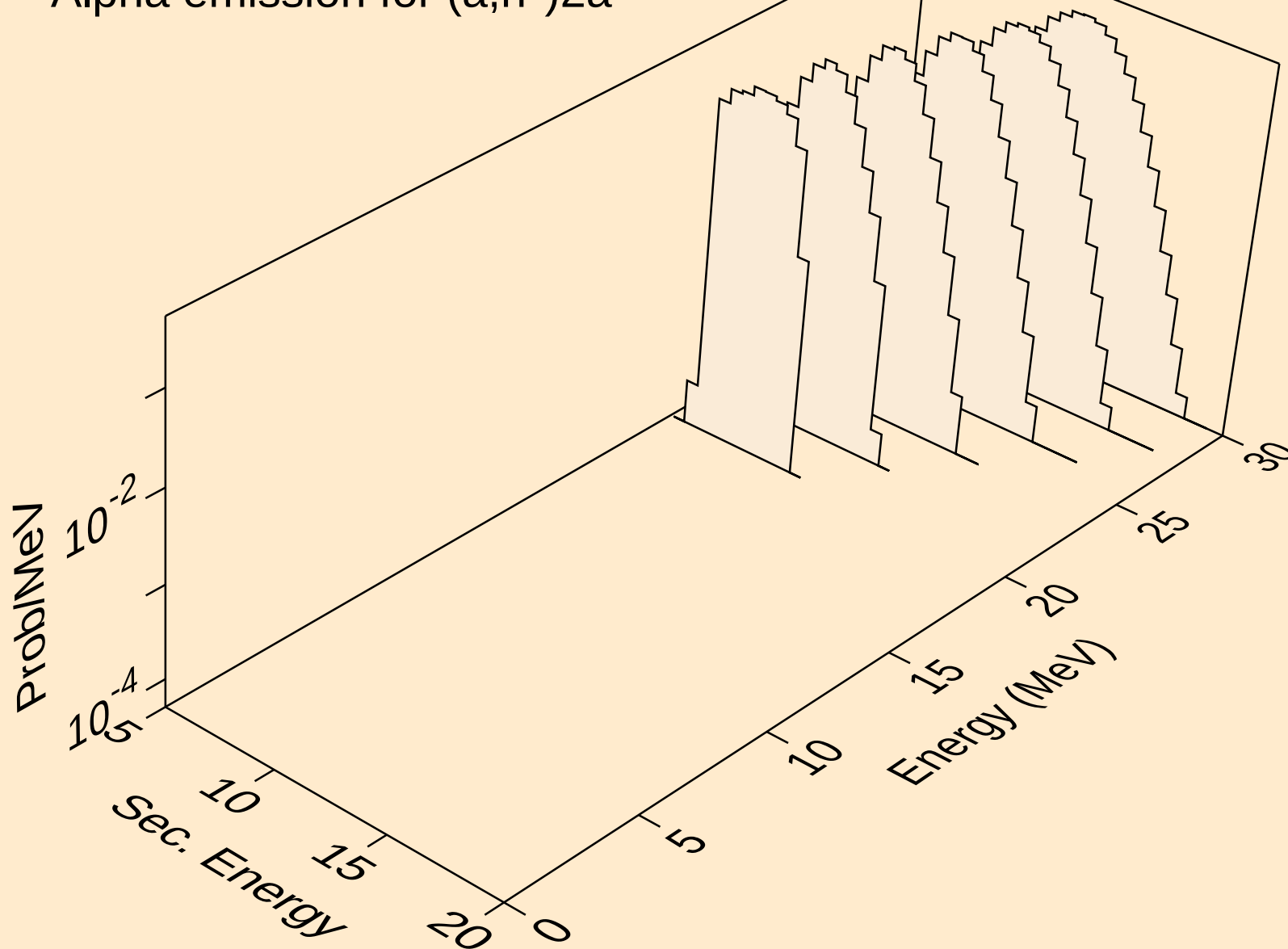
PT181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Alpha emission for (a,2n)a



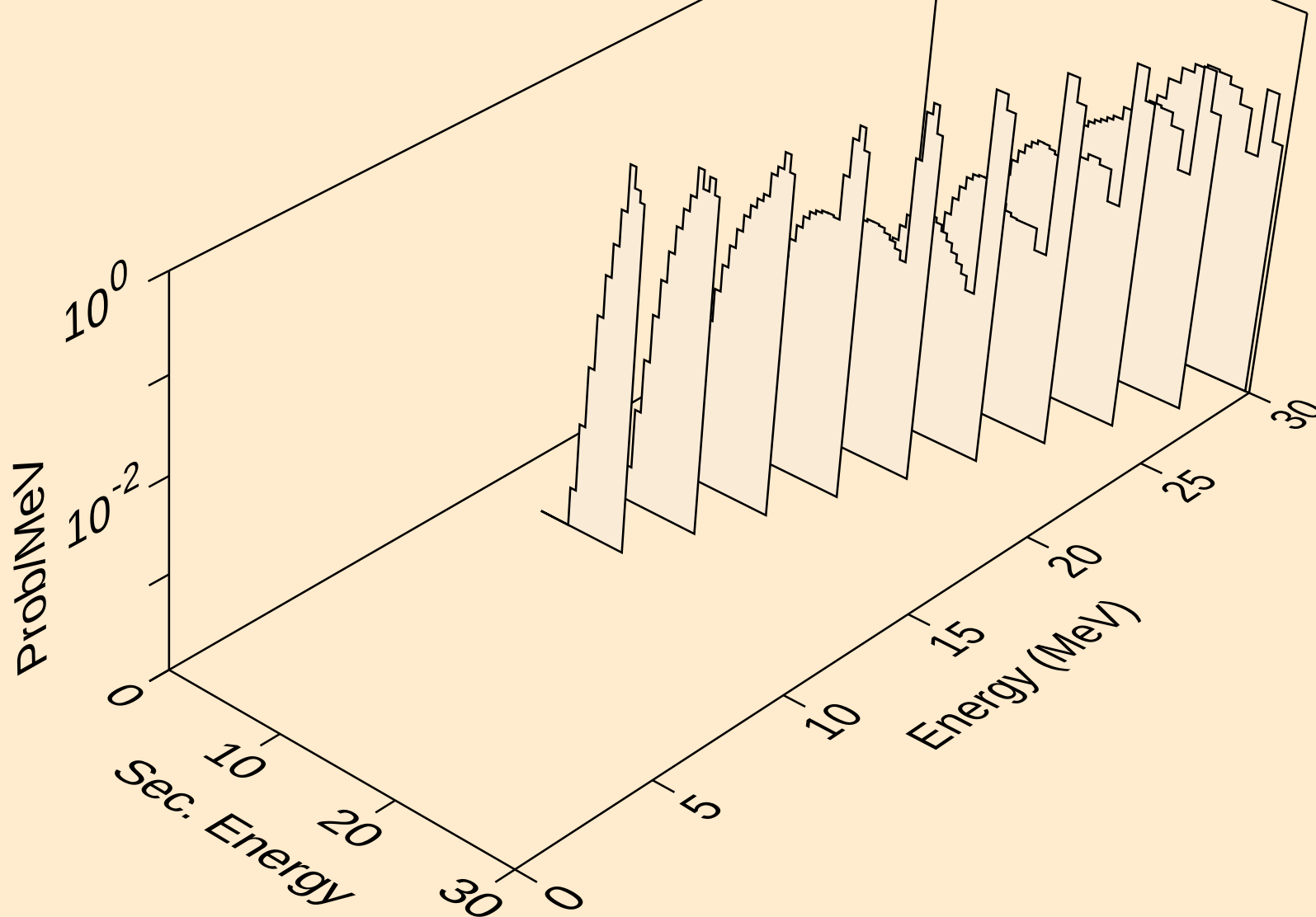
PT181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Alpha emission for (a,n*)2a



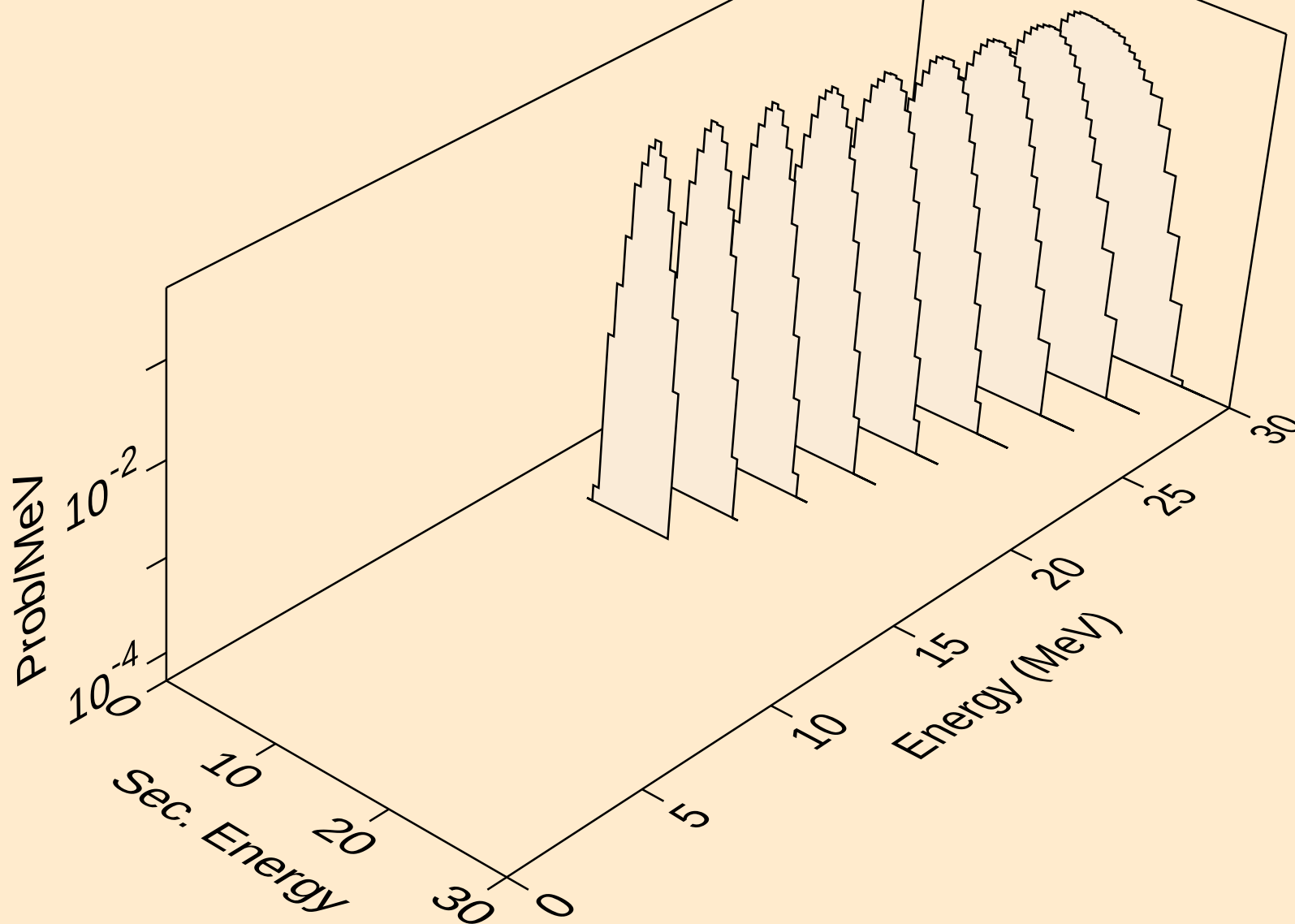
PT181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Alpha emission for inelastic

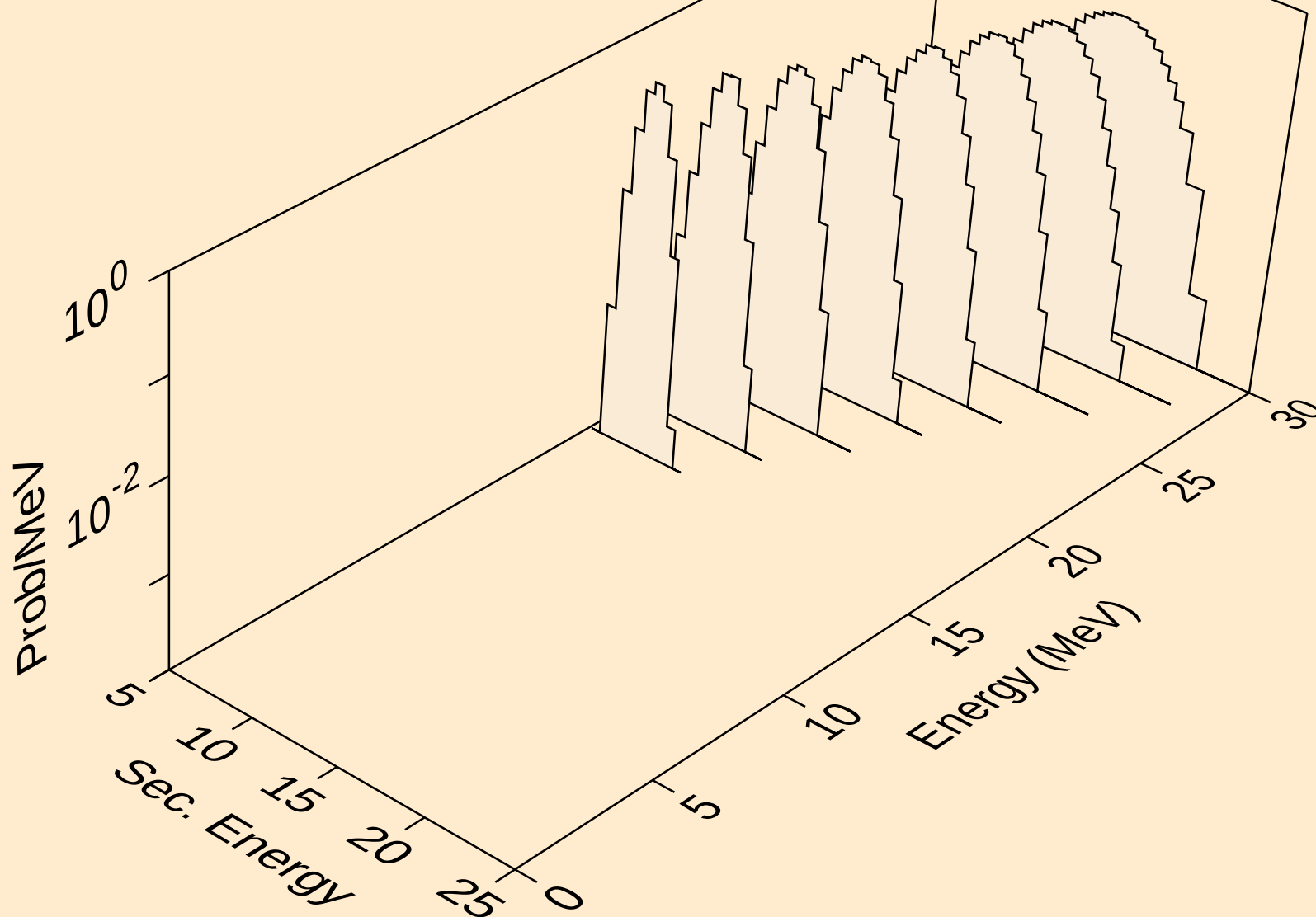


PT181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

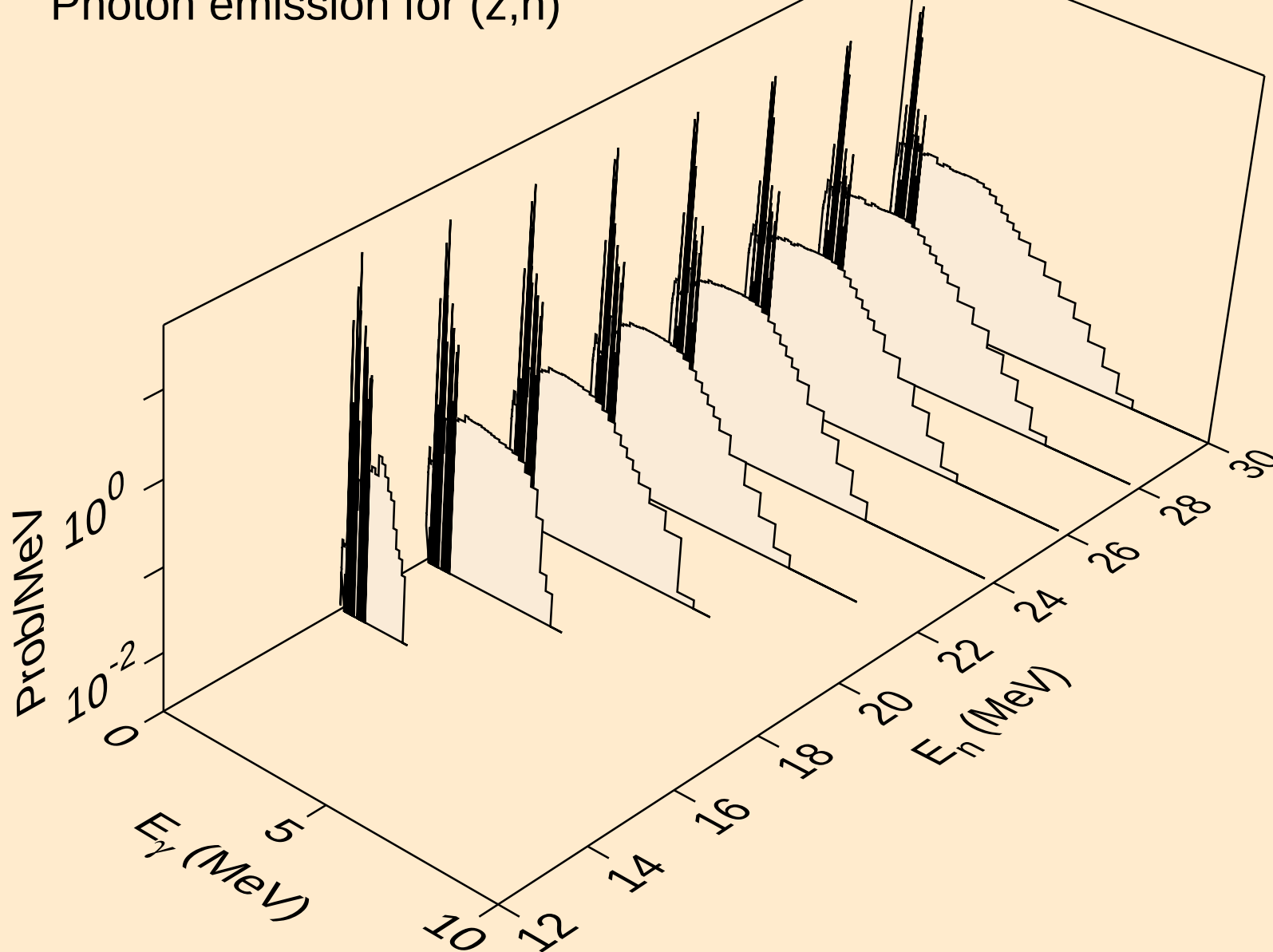
Alpha emission for (a,2a)



PT181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Alpha emission for (a,pa)

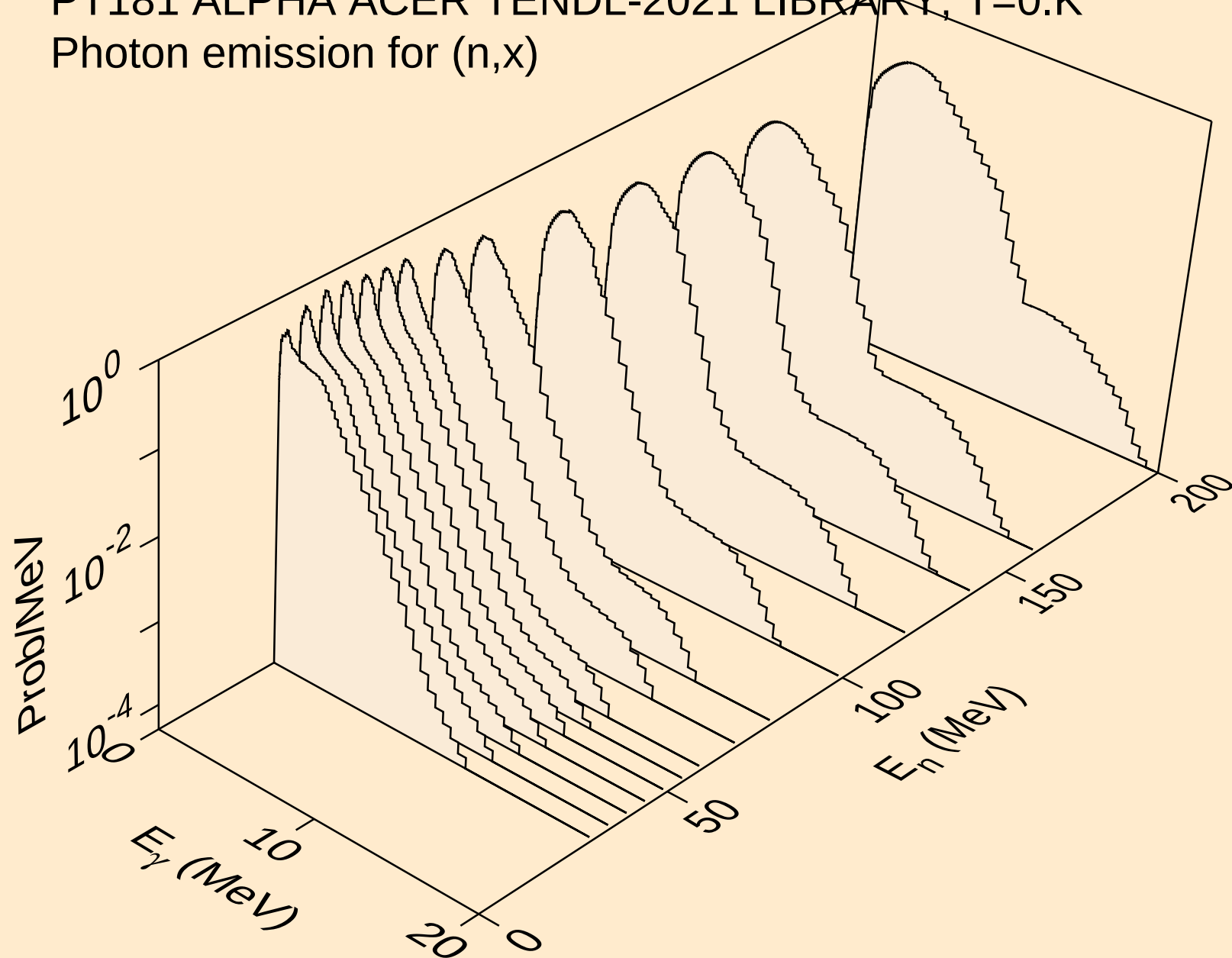


PT181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (z,n)

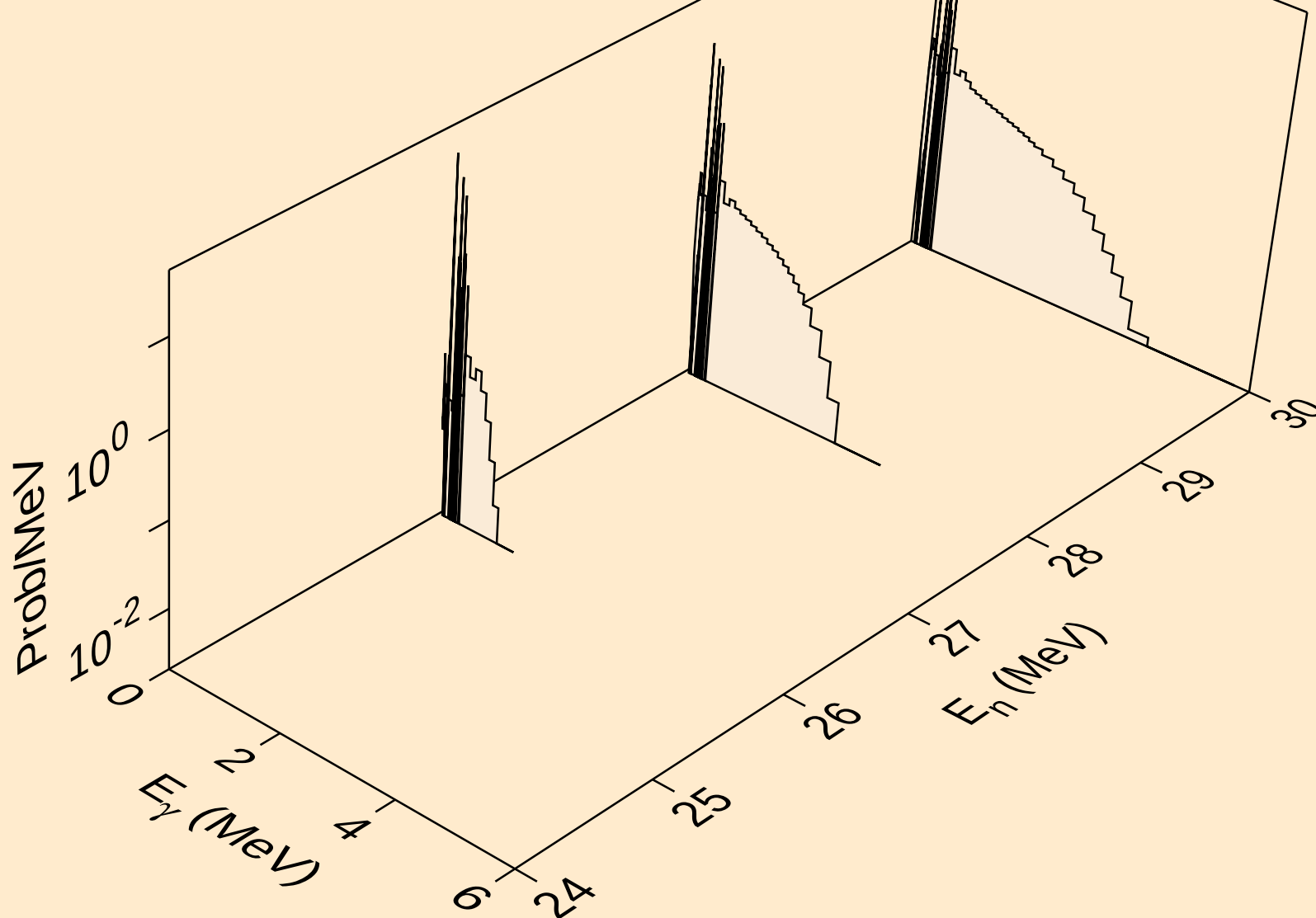


PT181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,x)

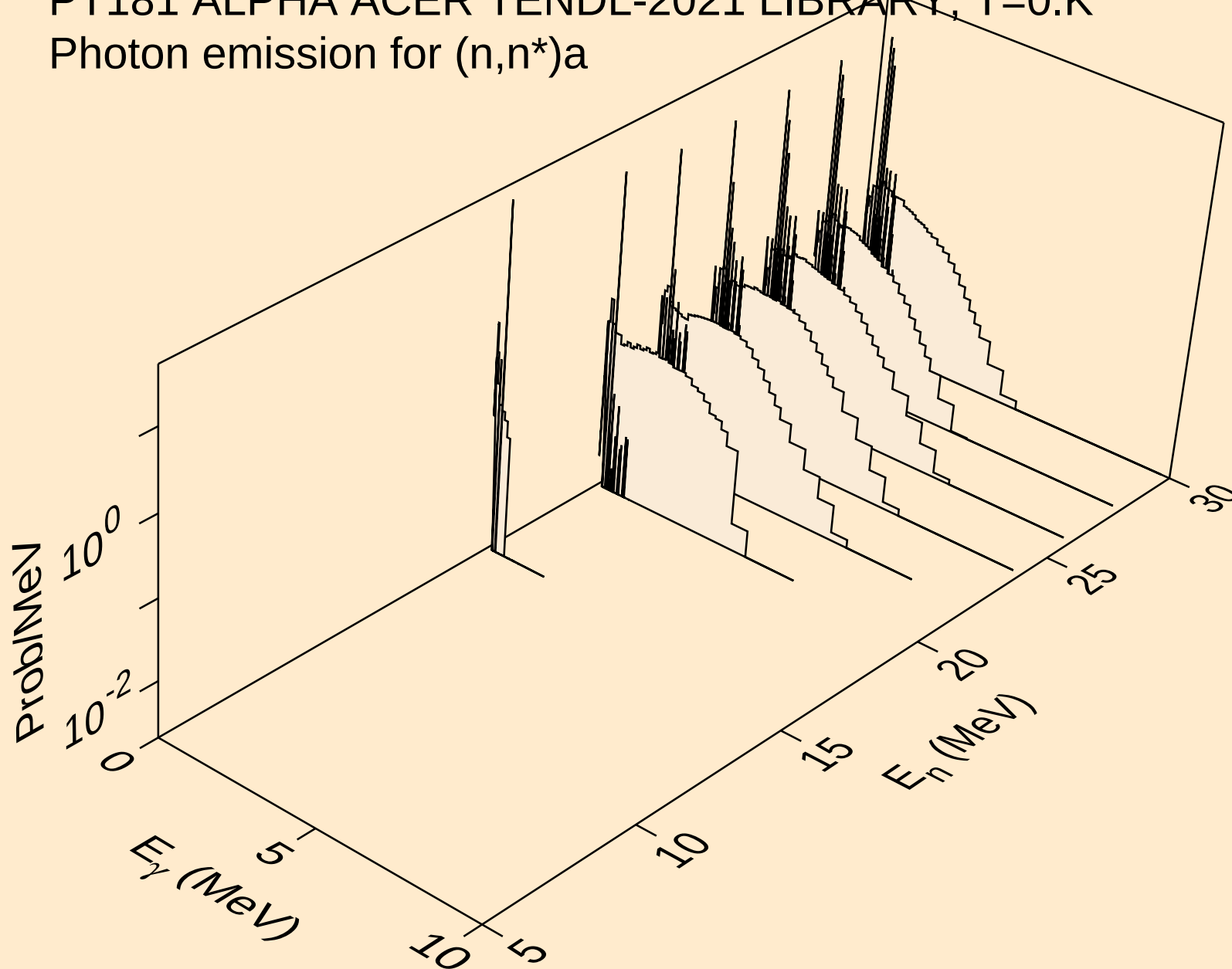


PT181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2n)



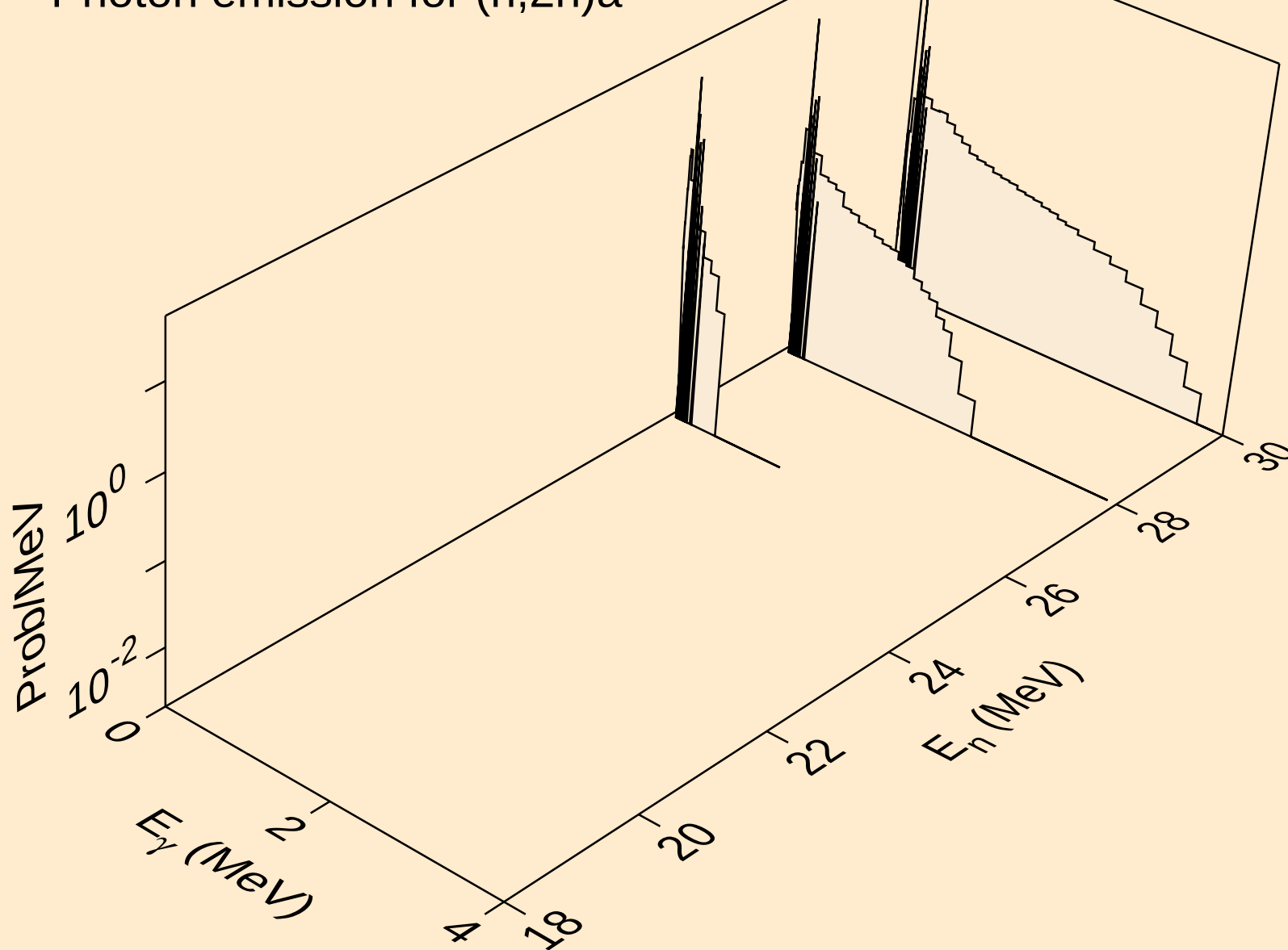
PT181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,n*)a



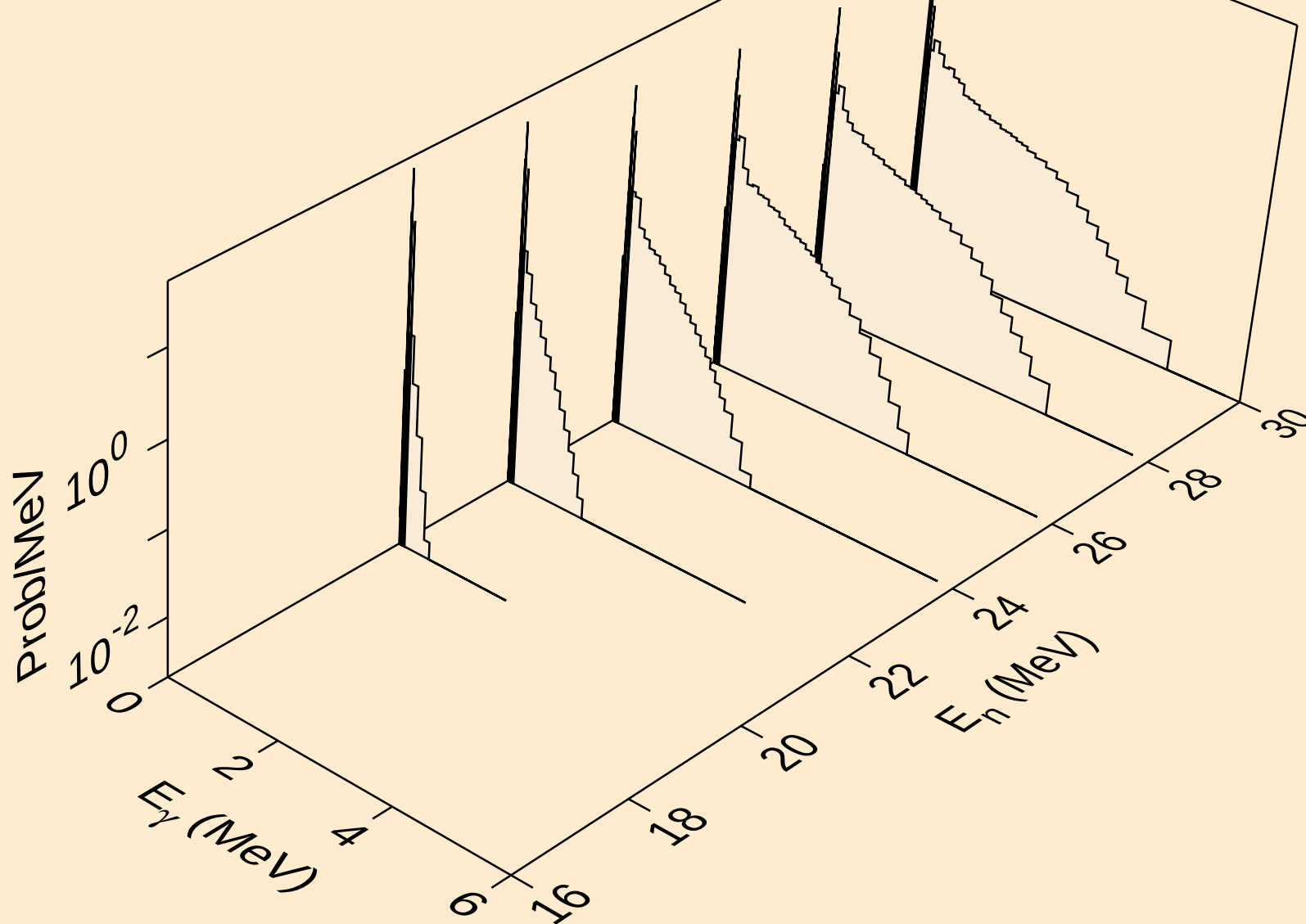
PT181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,2n) α



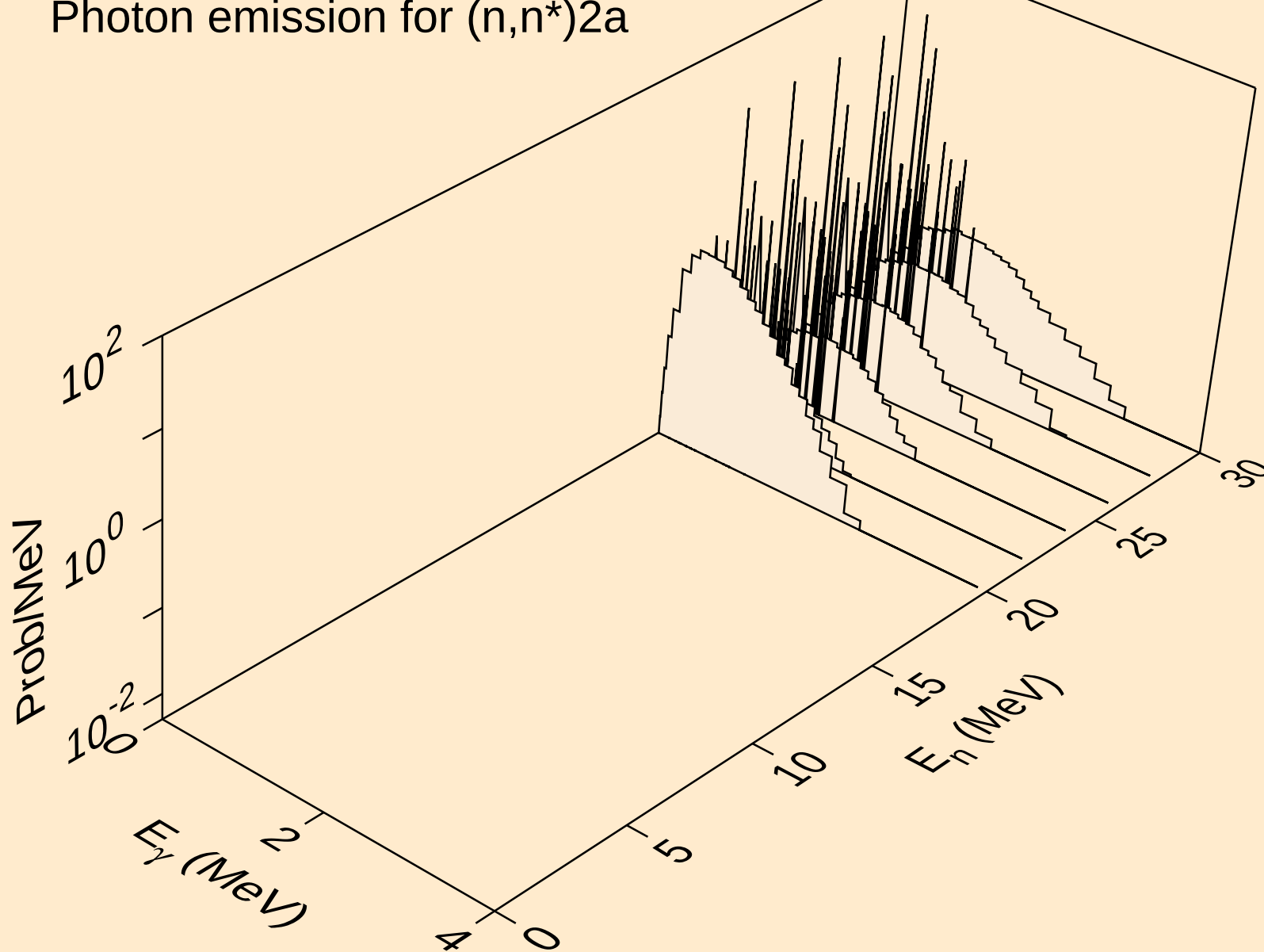
PT181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,n*)p

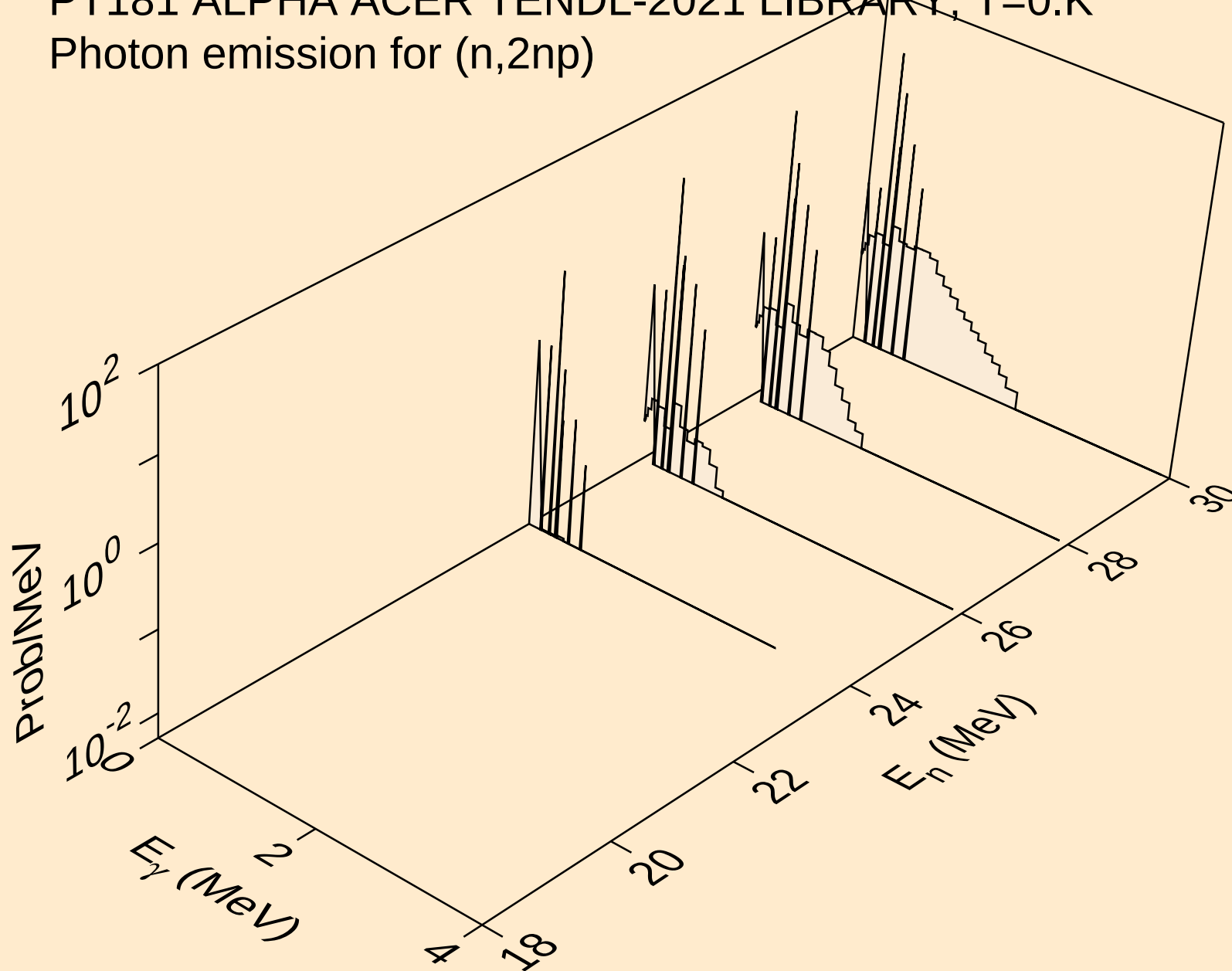


PT181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

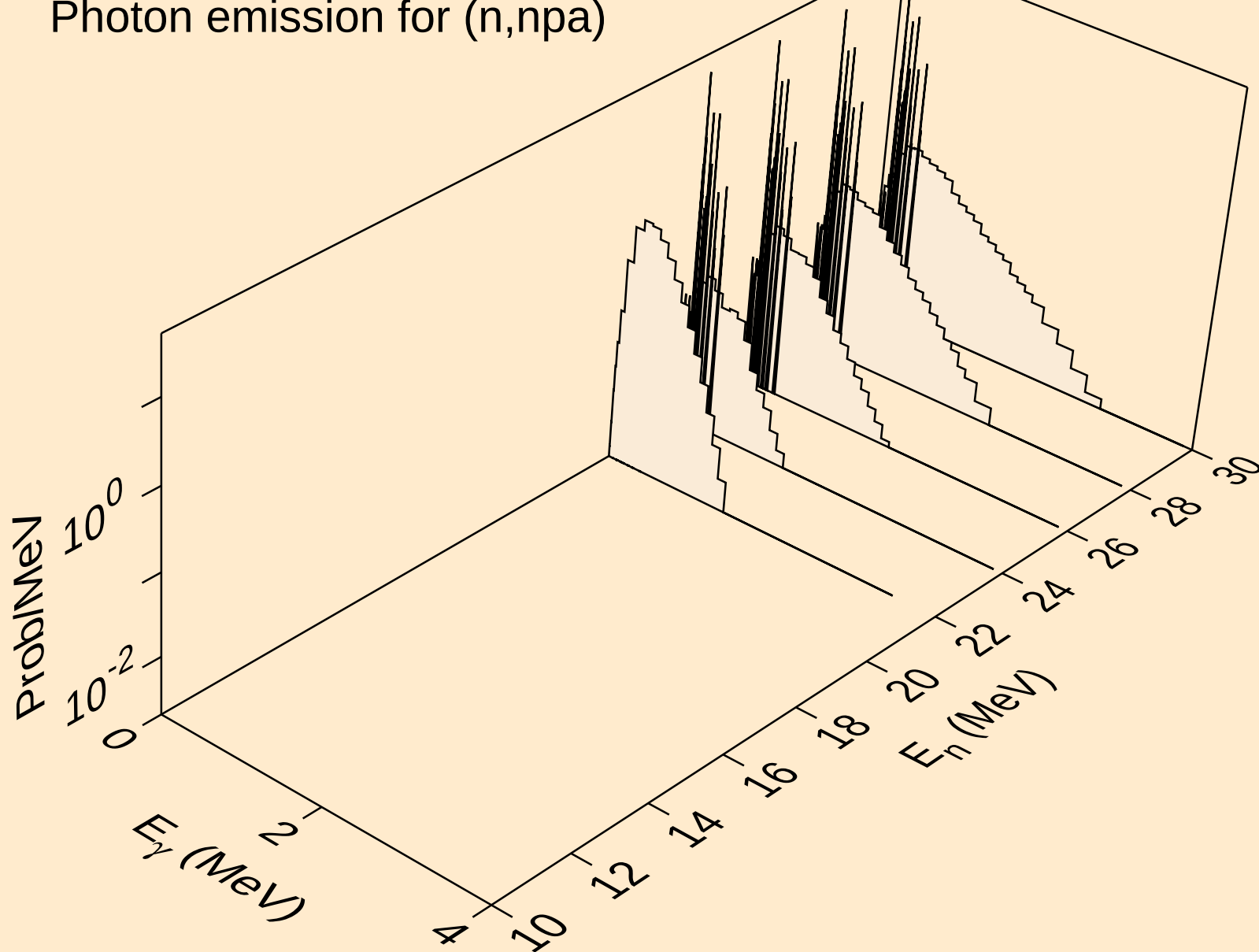
Photon emission for (n,n*)2a



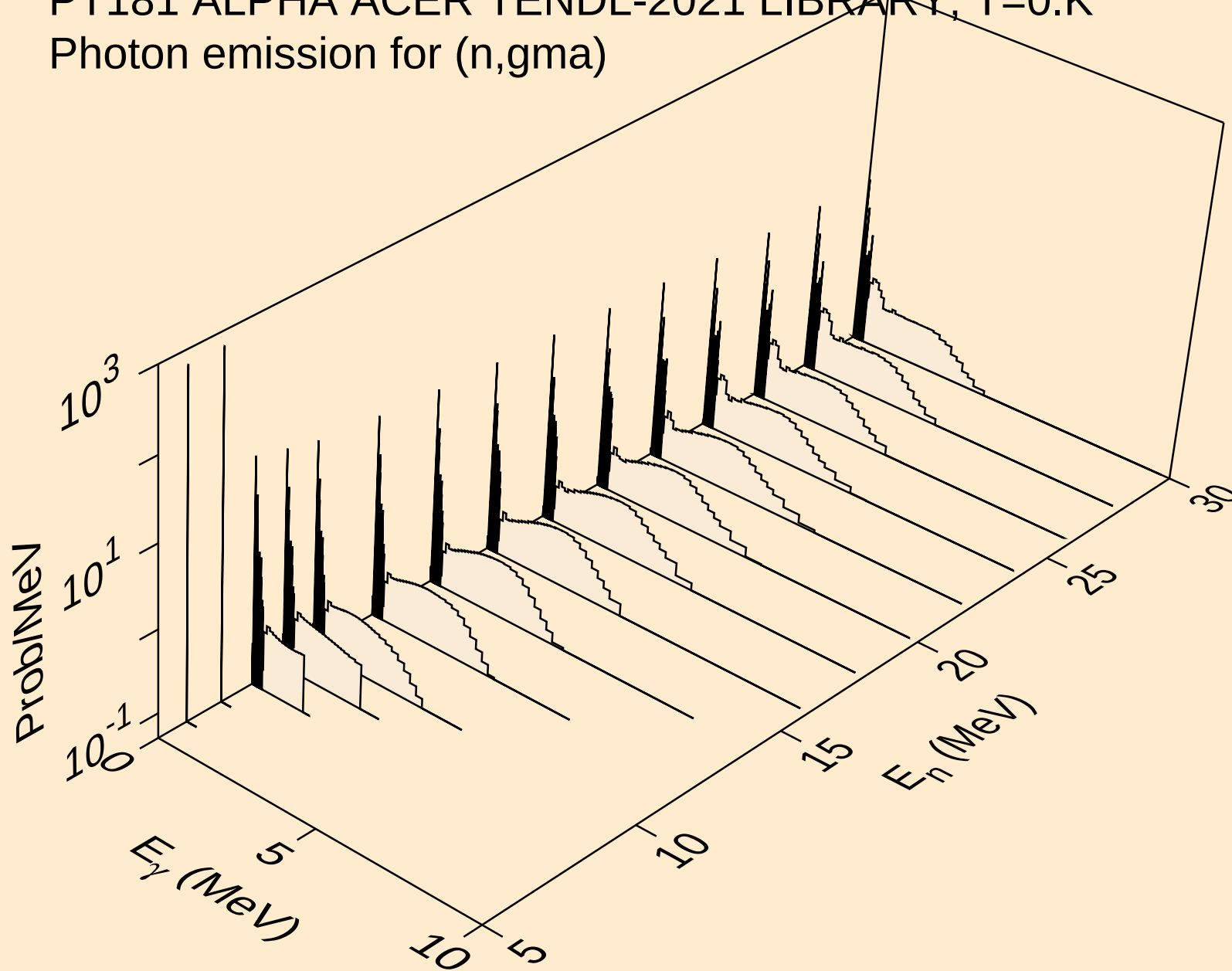
PT181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2np)



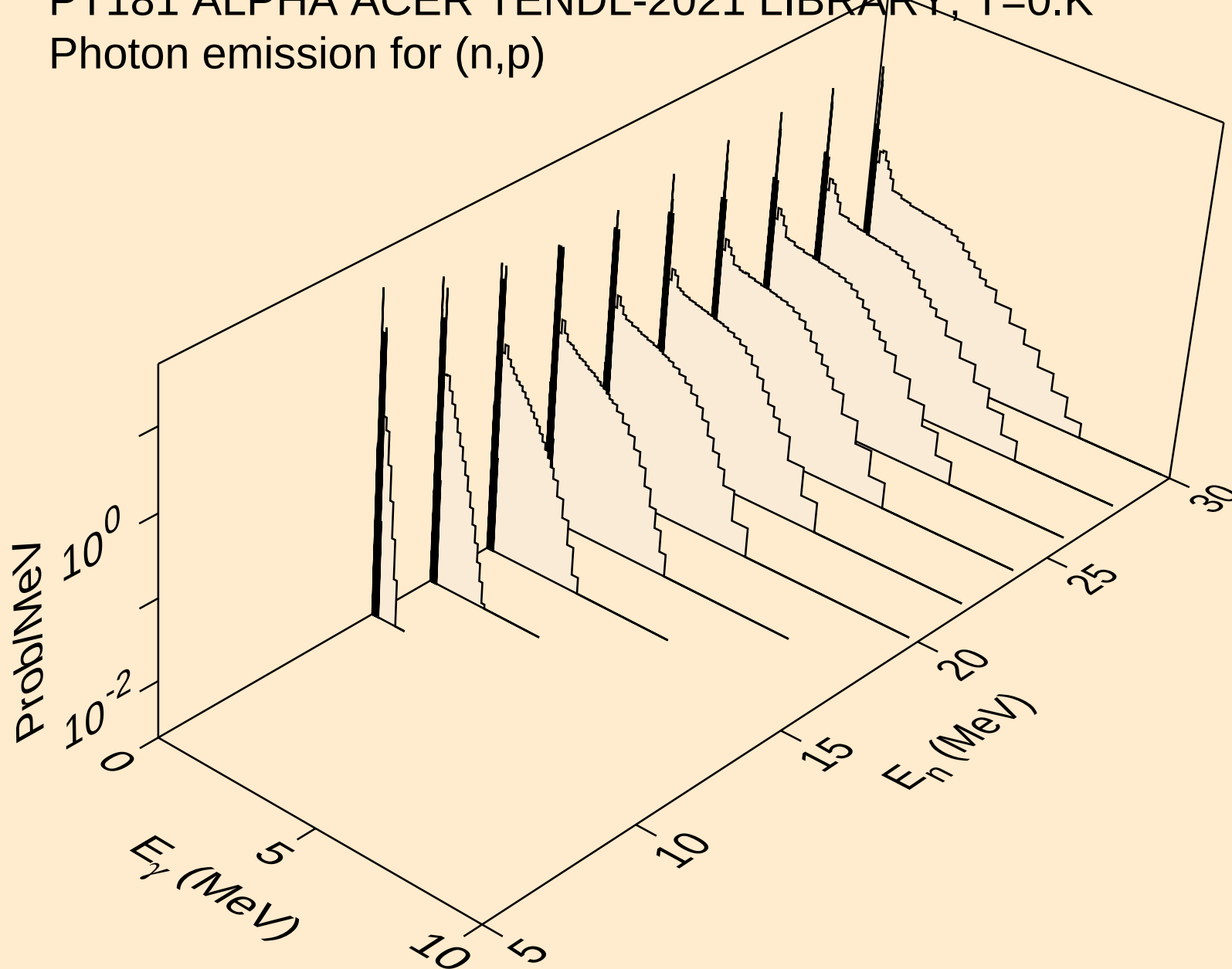
PT181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,npa)



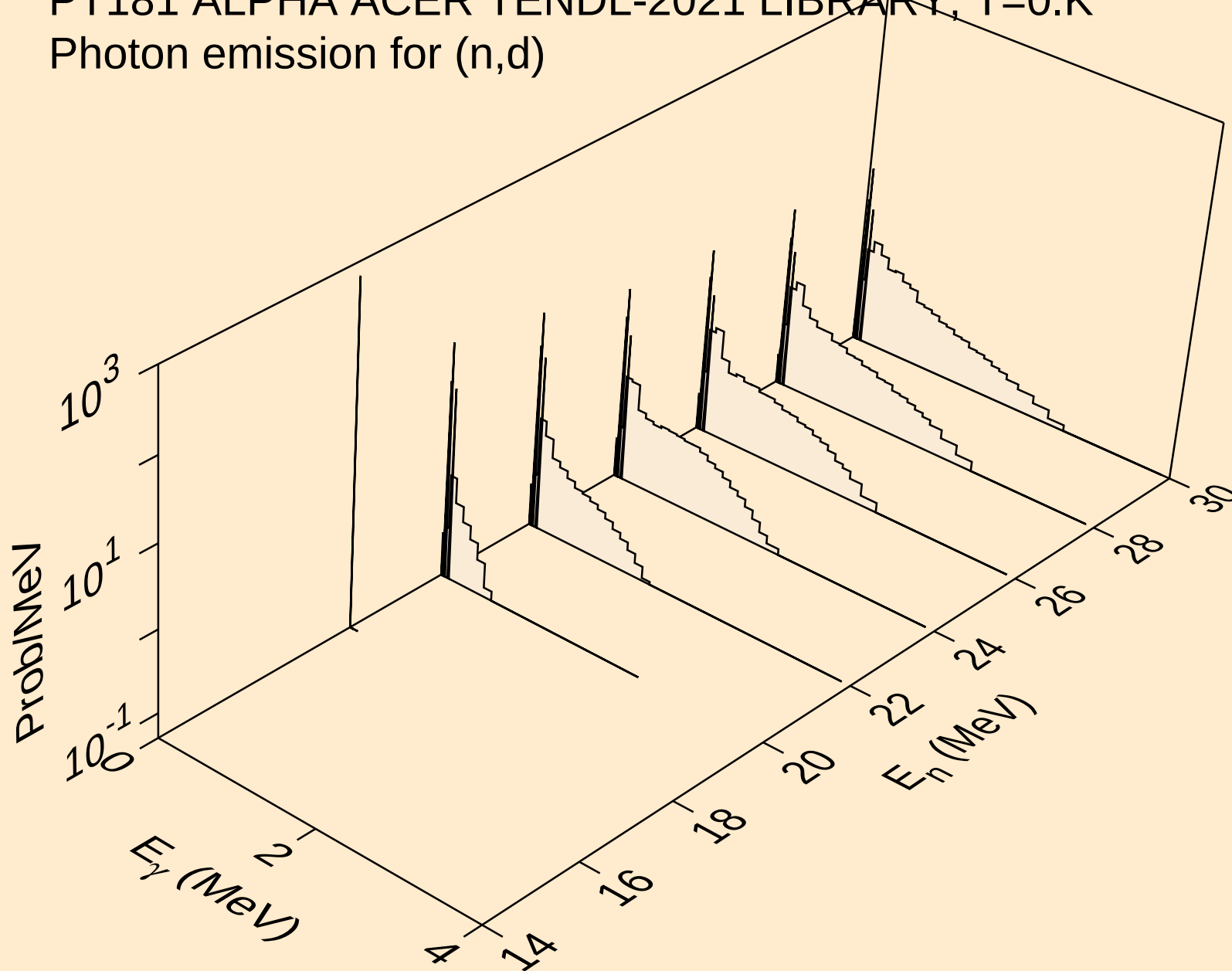
PT181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,gma)



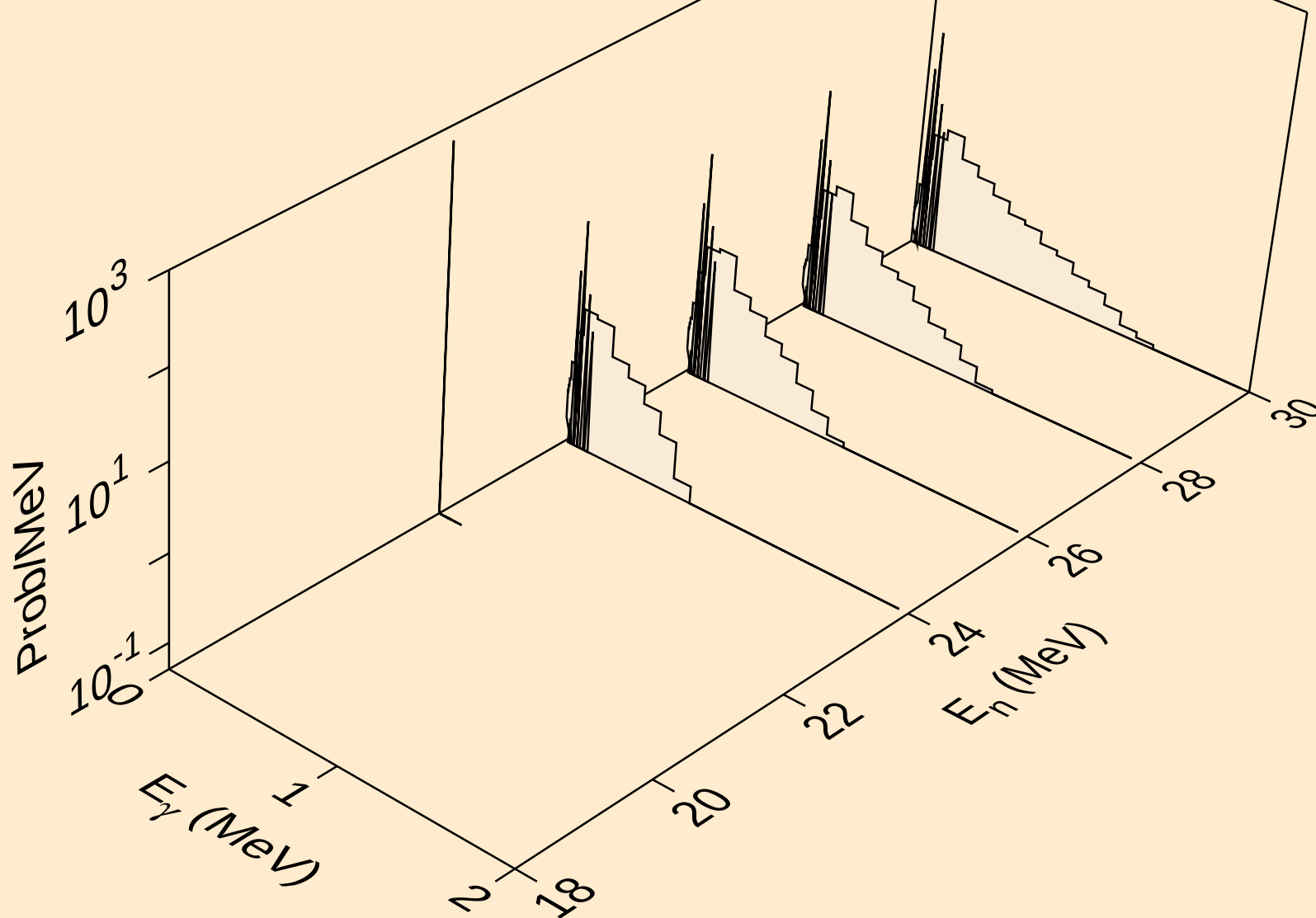
PT181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,p)



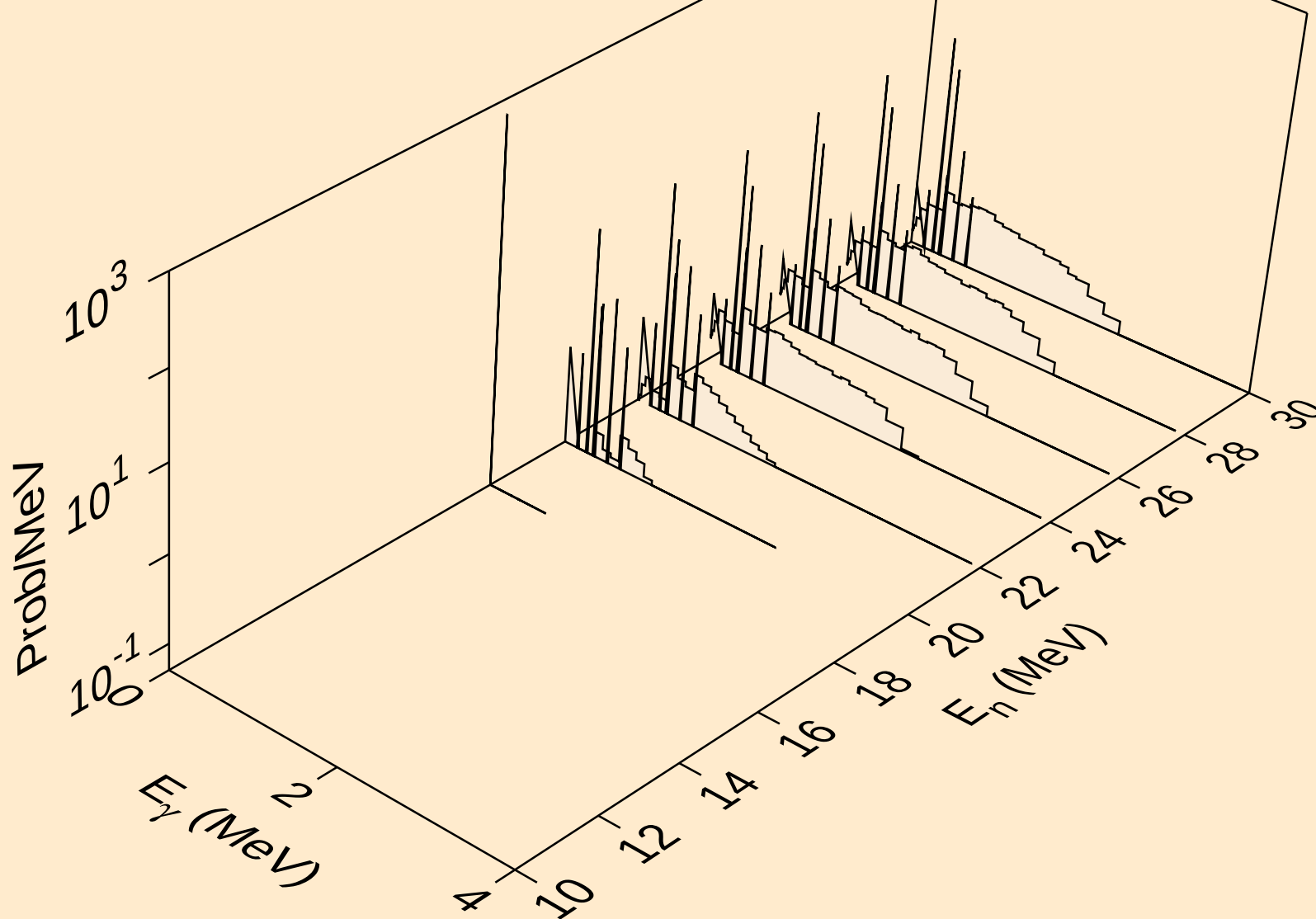
PT181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,d)



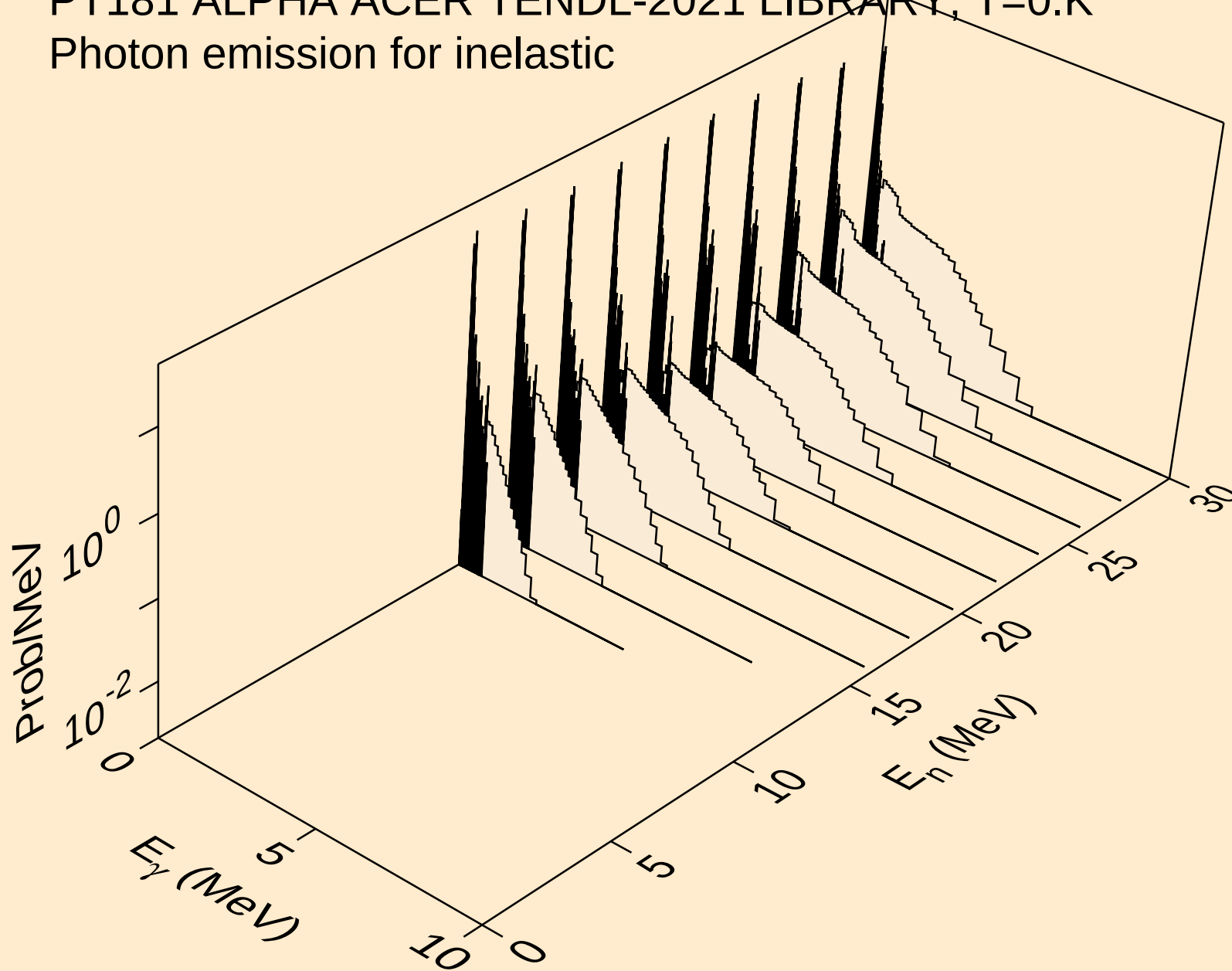
PT181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,t)



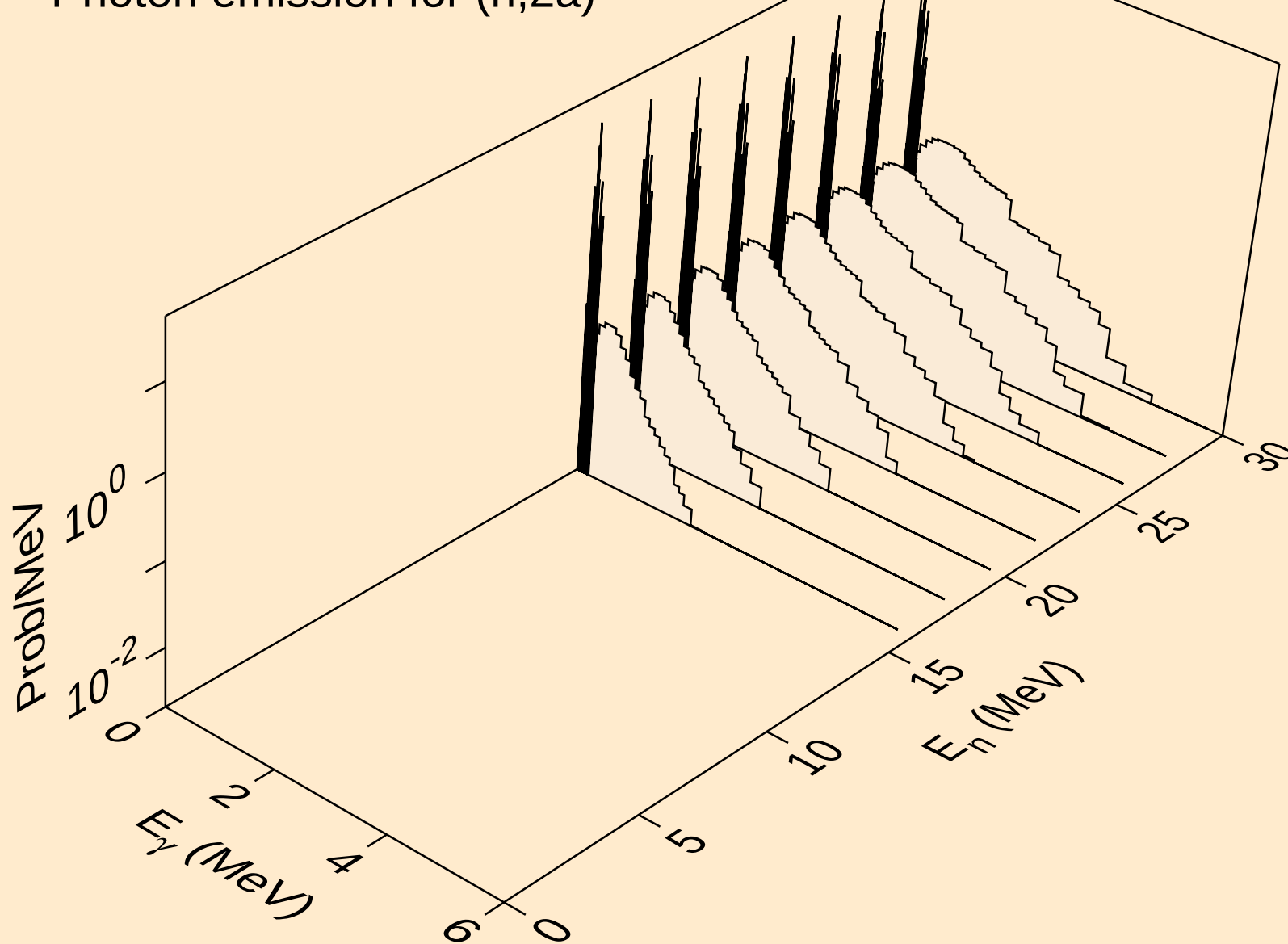
PT181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,he3)



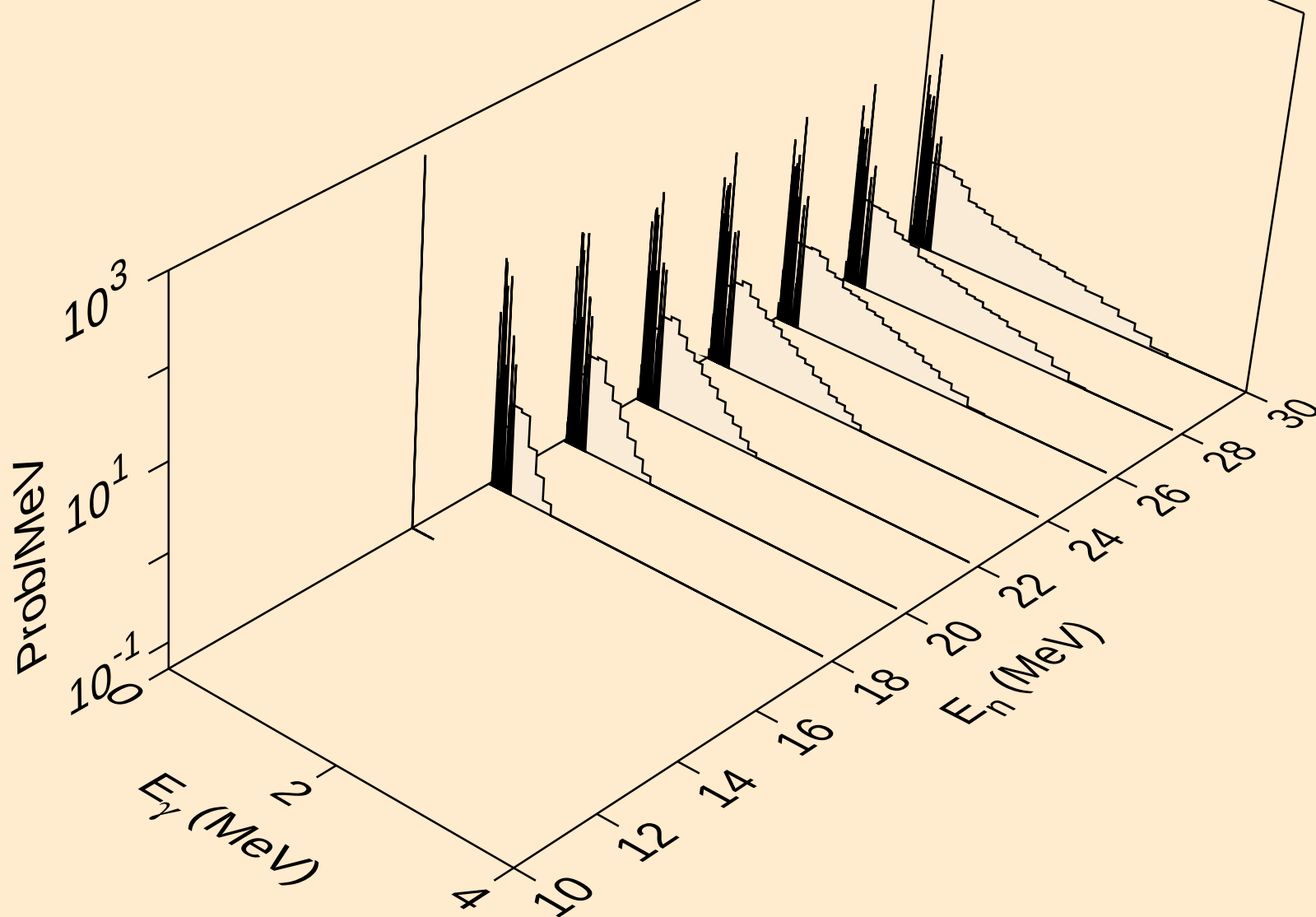
PT181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for inelastic



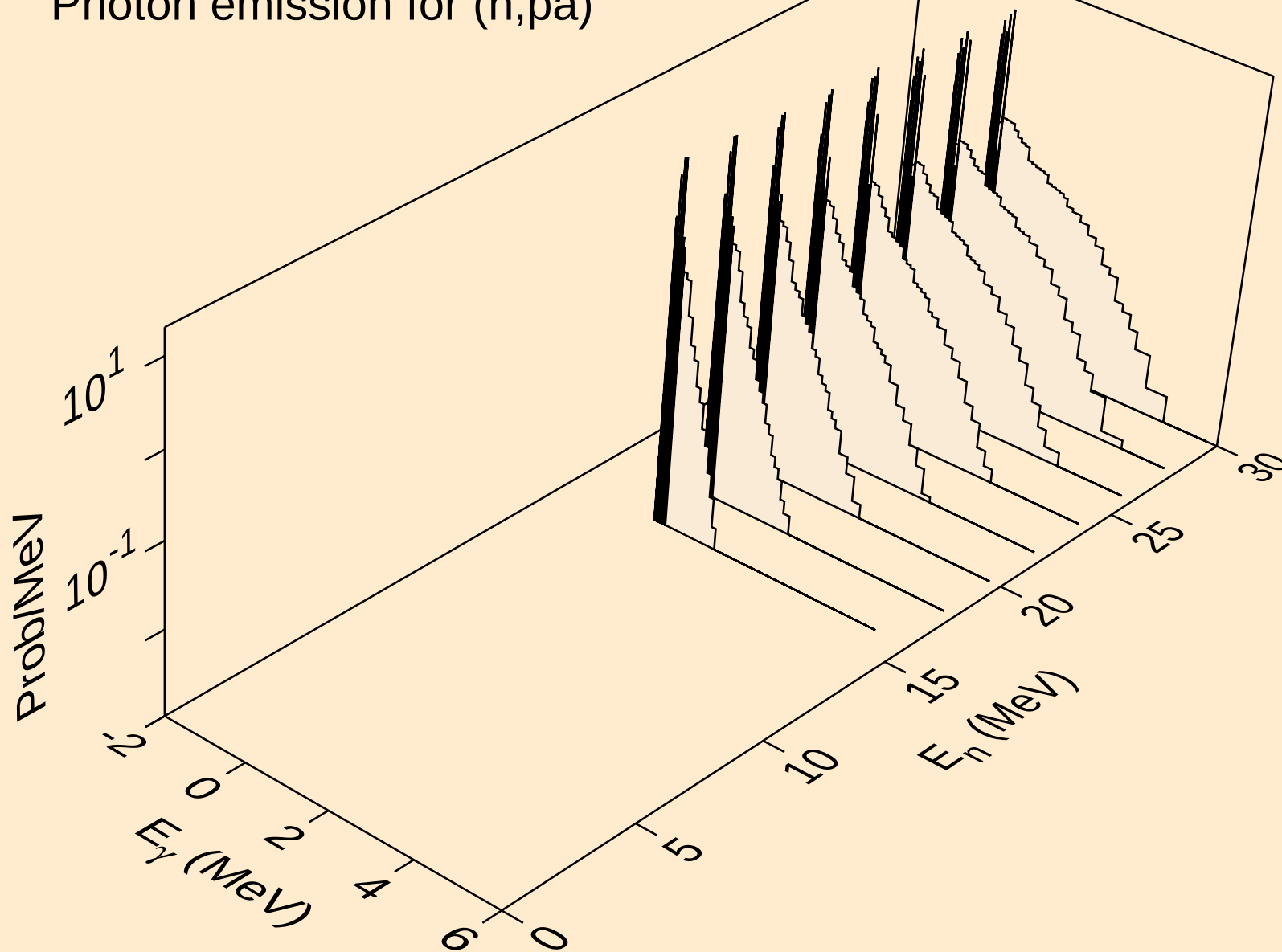
PT181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2a)



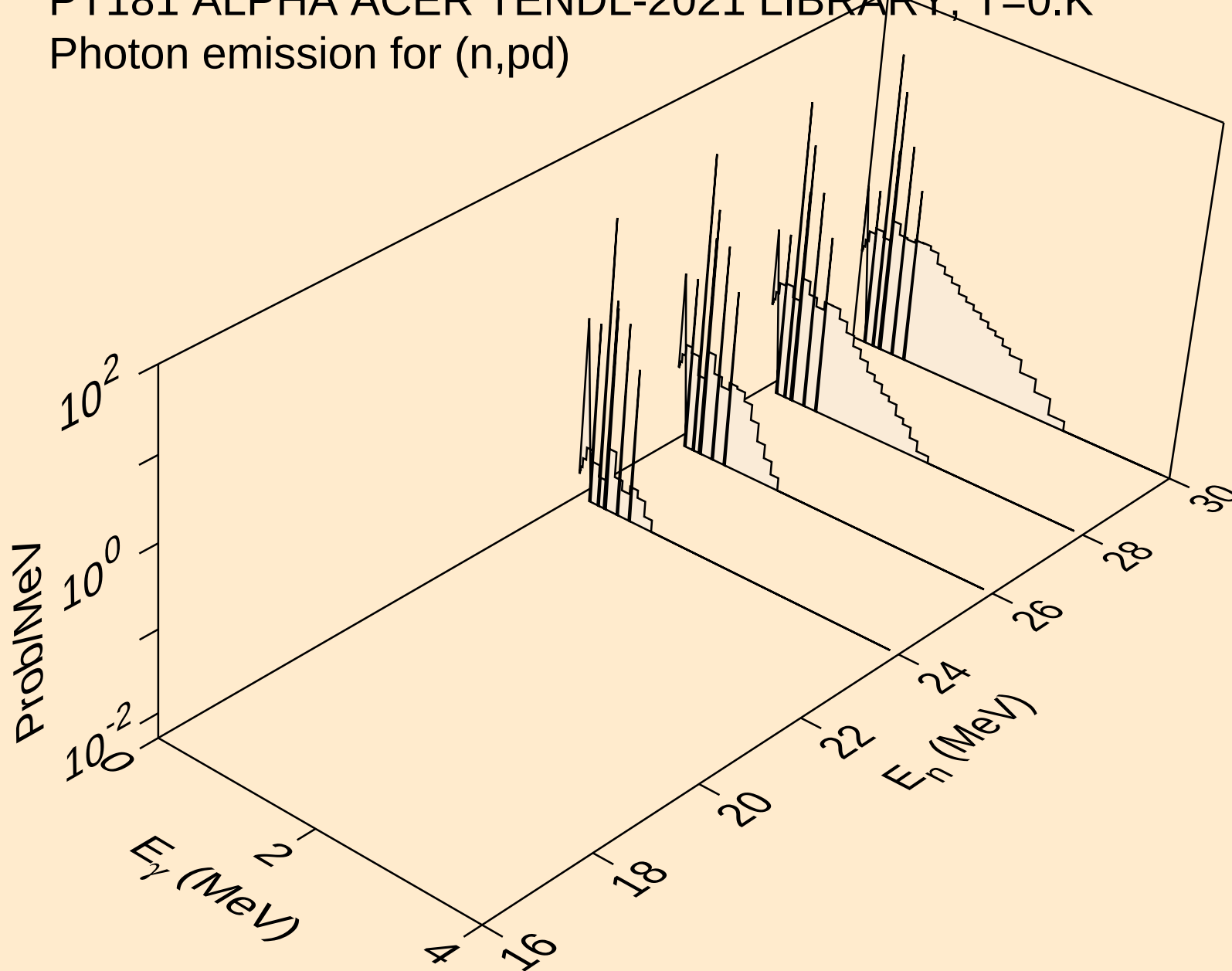
PT181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2p)



PT181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,pa)

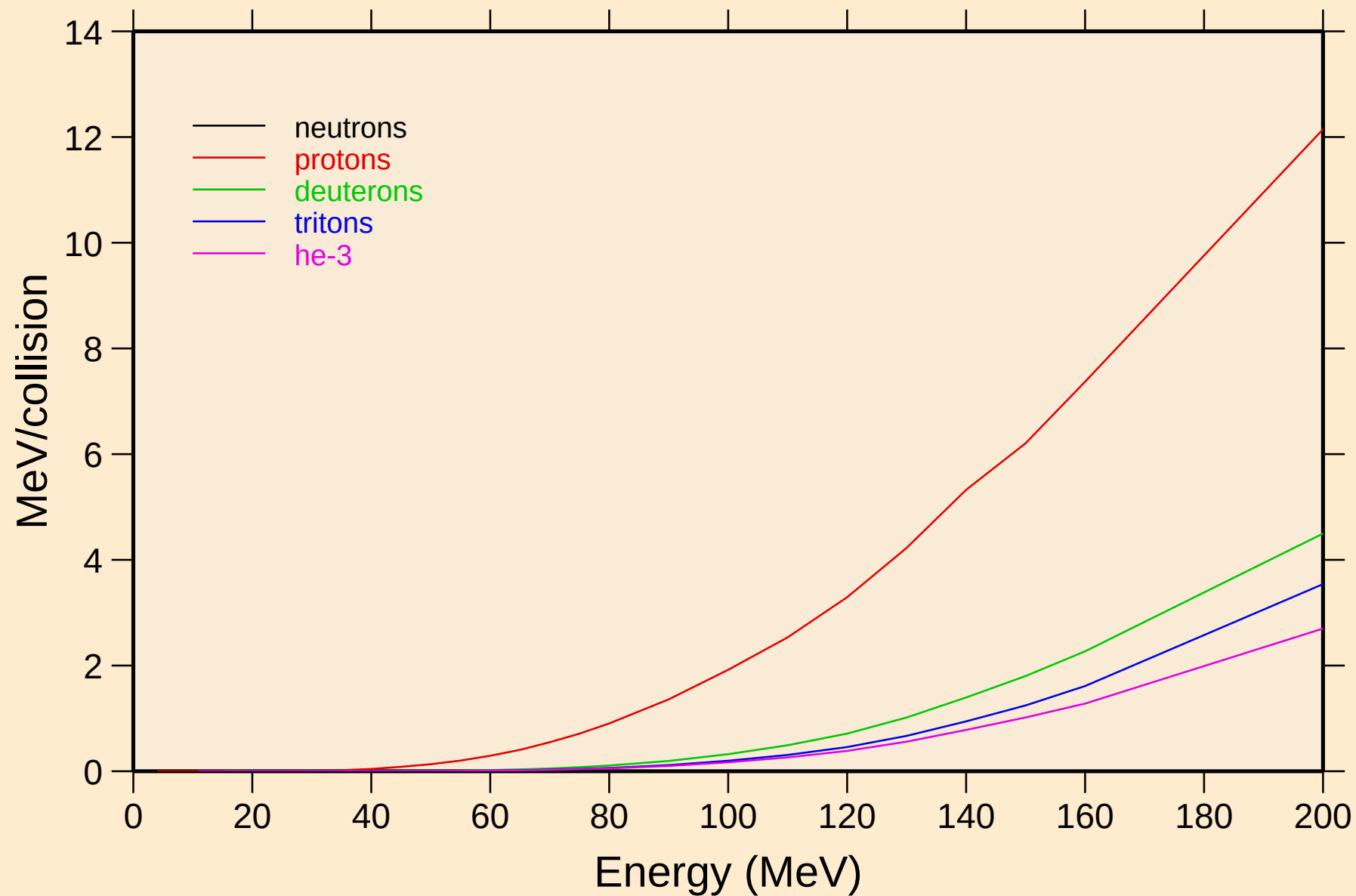


PT181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,pd)



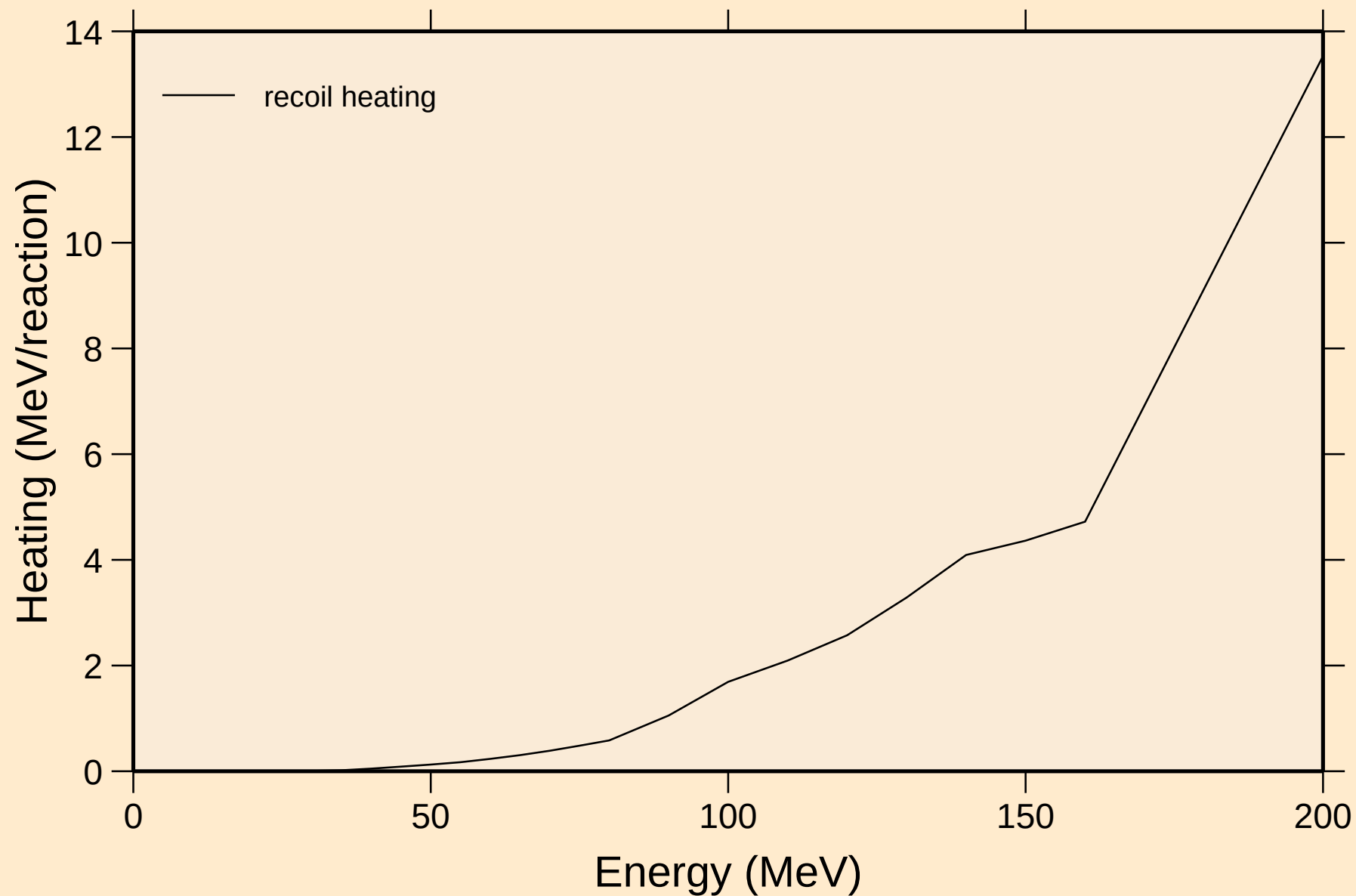
PT181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Particle heating contributions



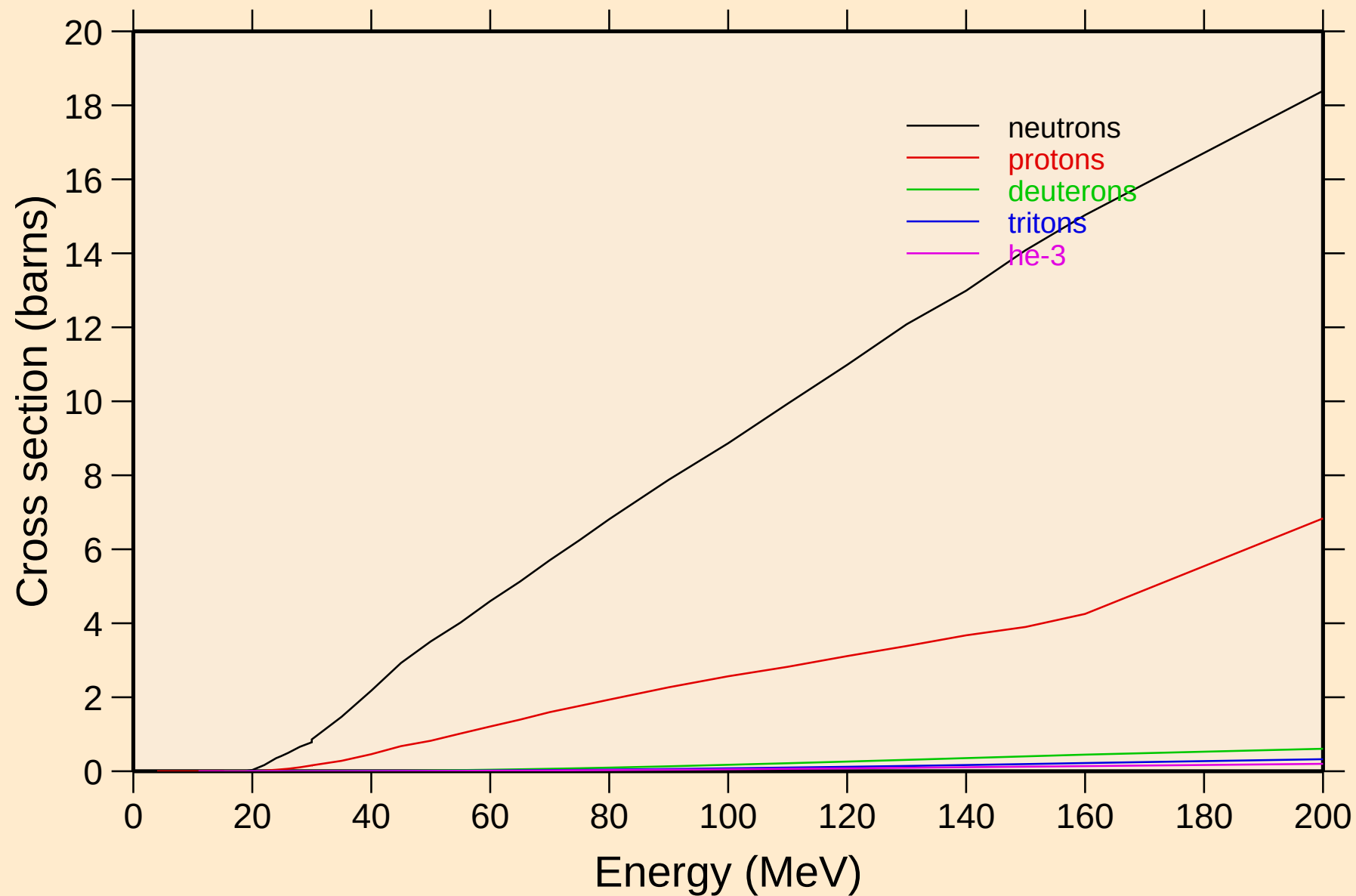
PT181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Recoil Heating

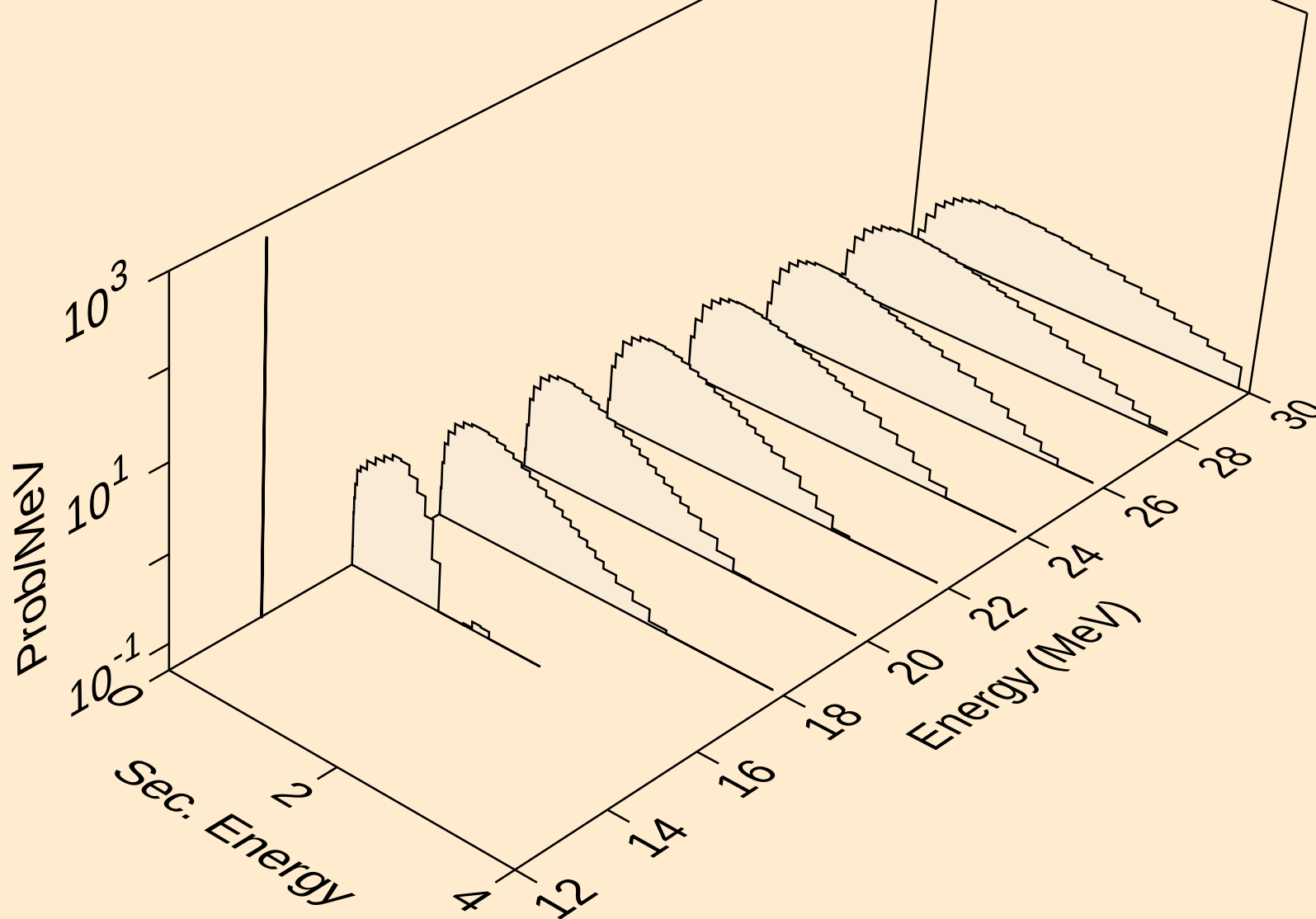


PT181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

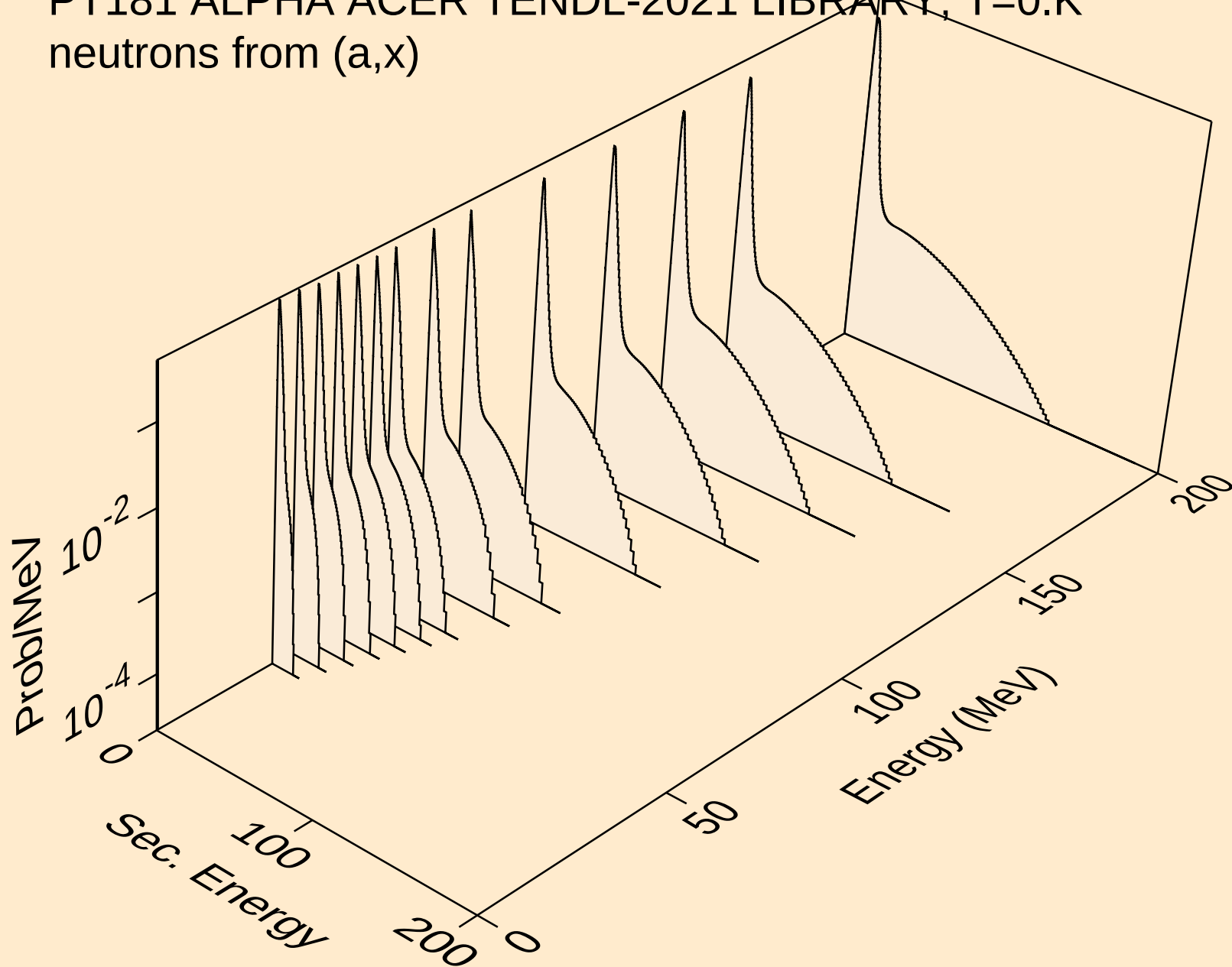
Particle production cross sections



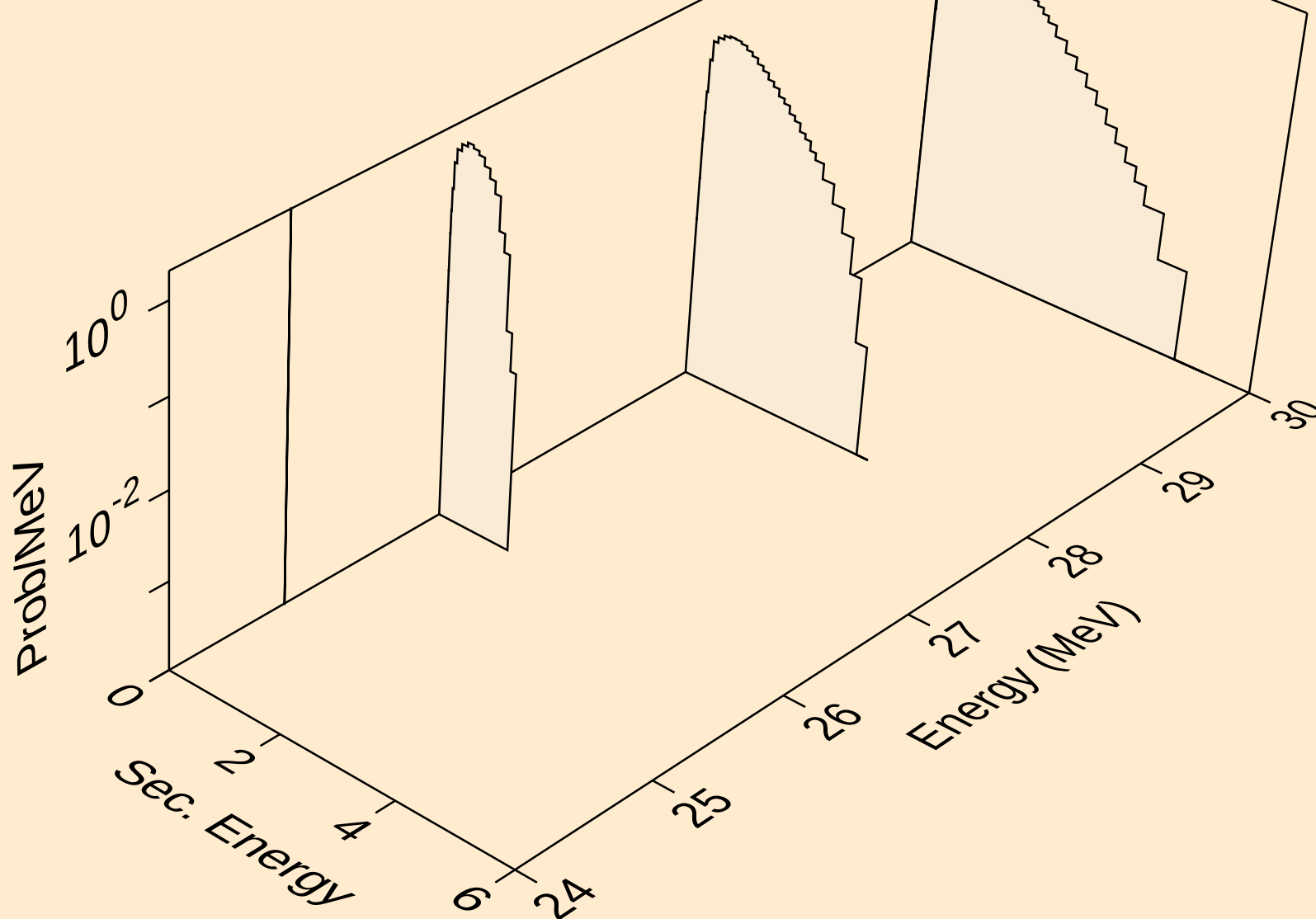
PT181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,n)



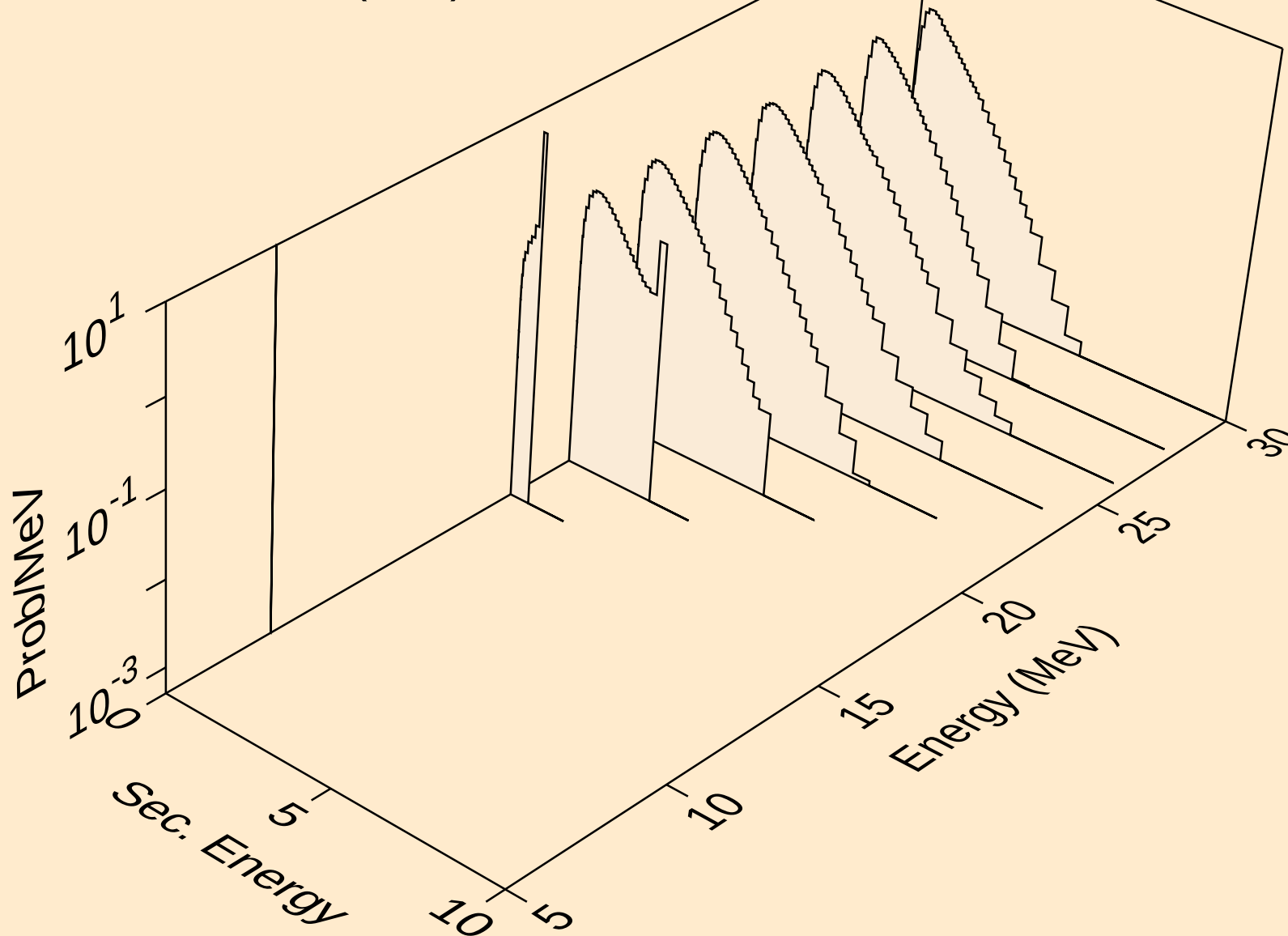
PT181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,x)



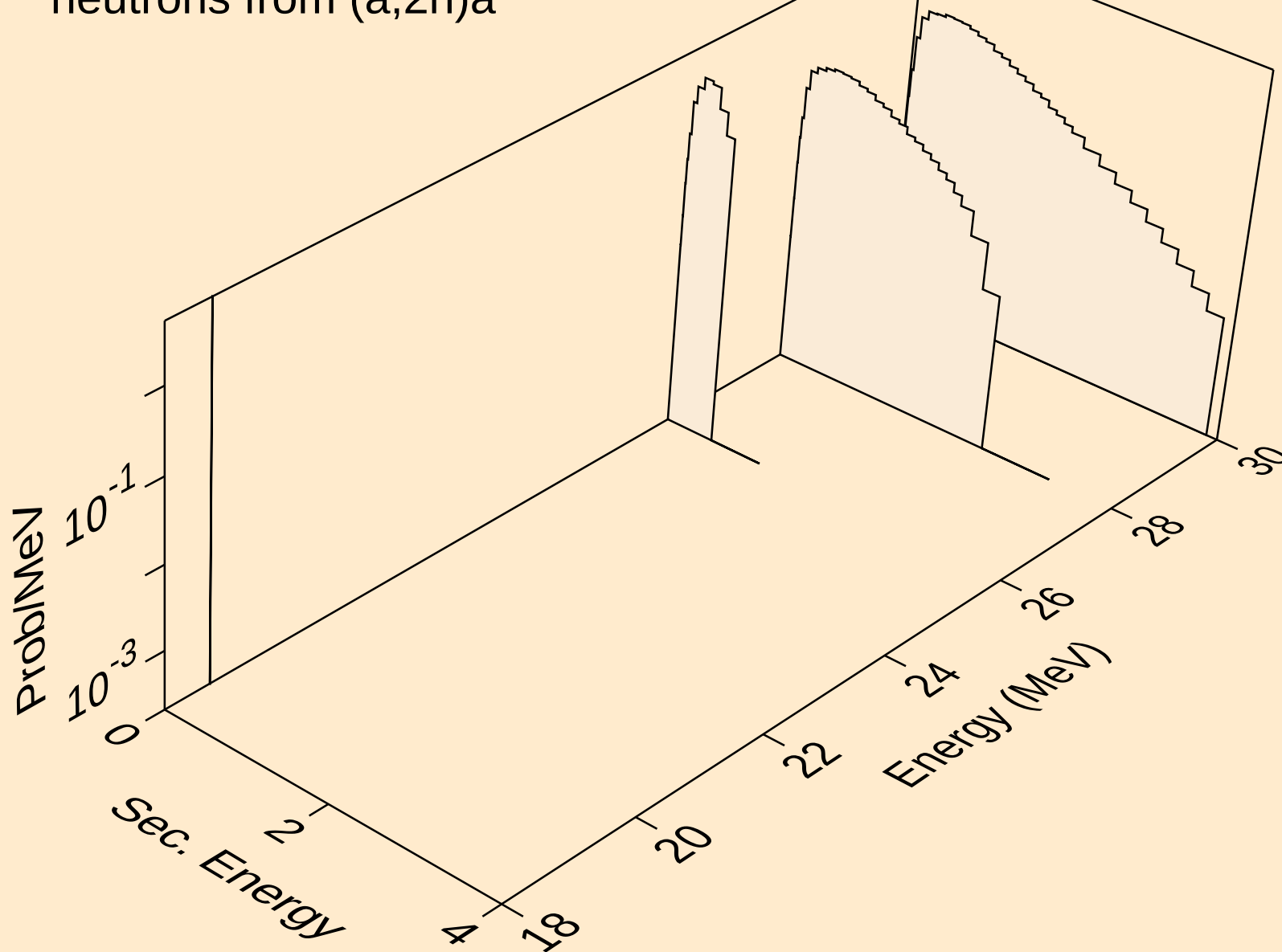
PT181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,2n)



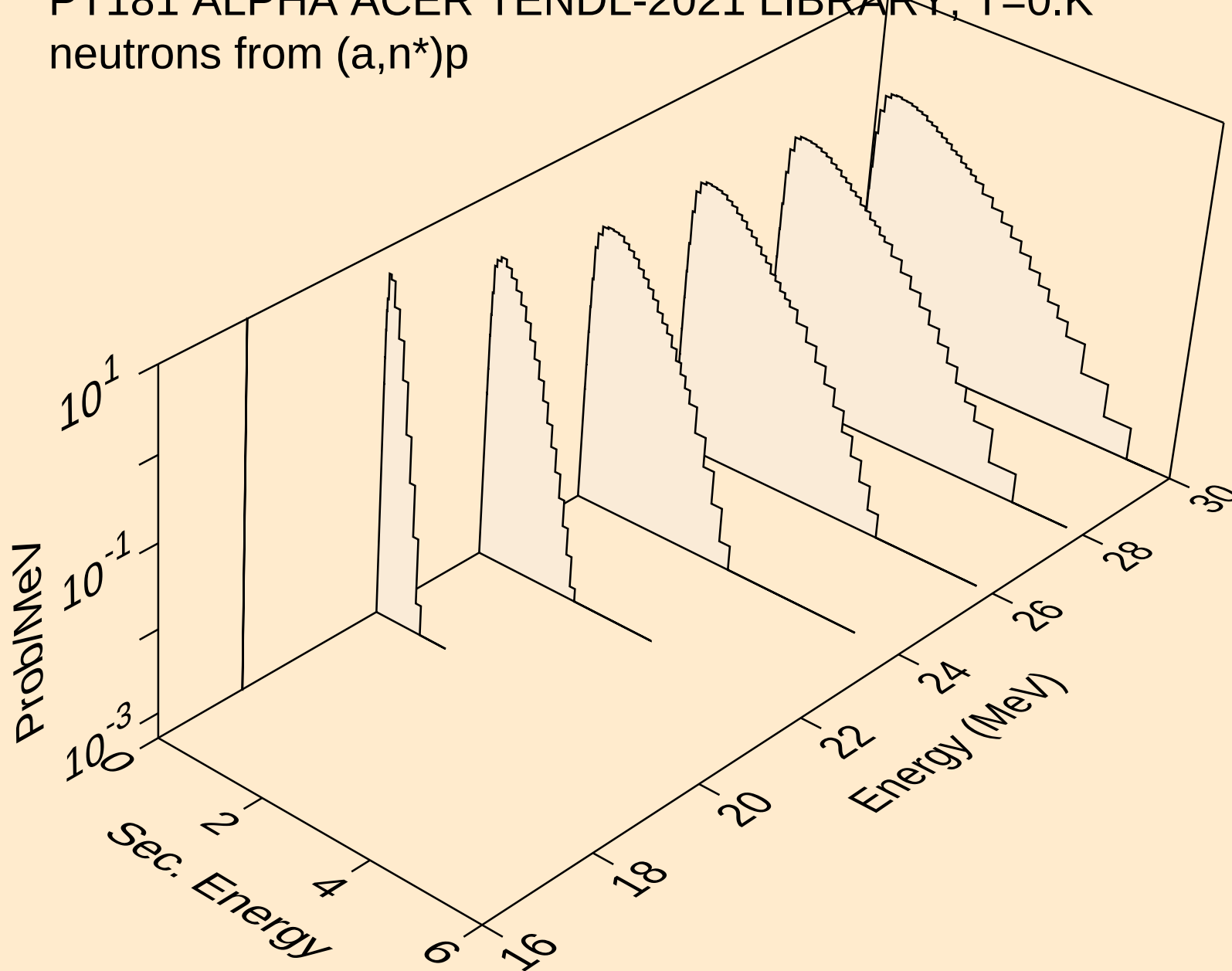
PT181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,n*)a



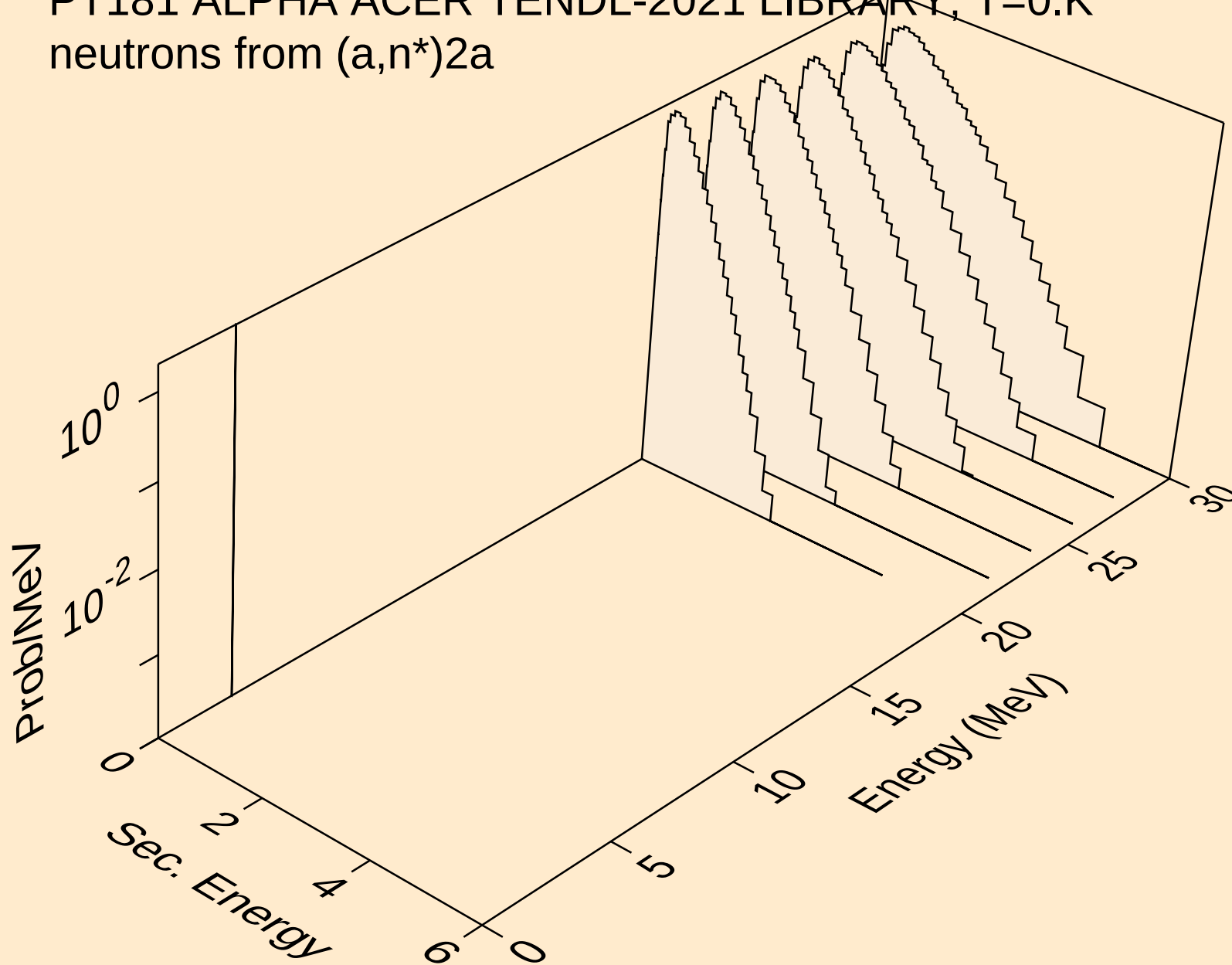
PT181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,2n)a



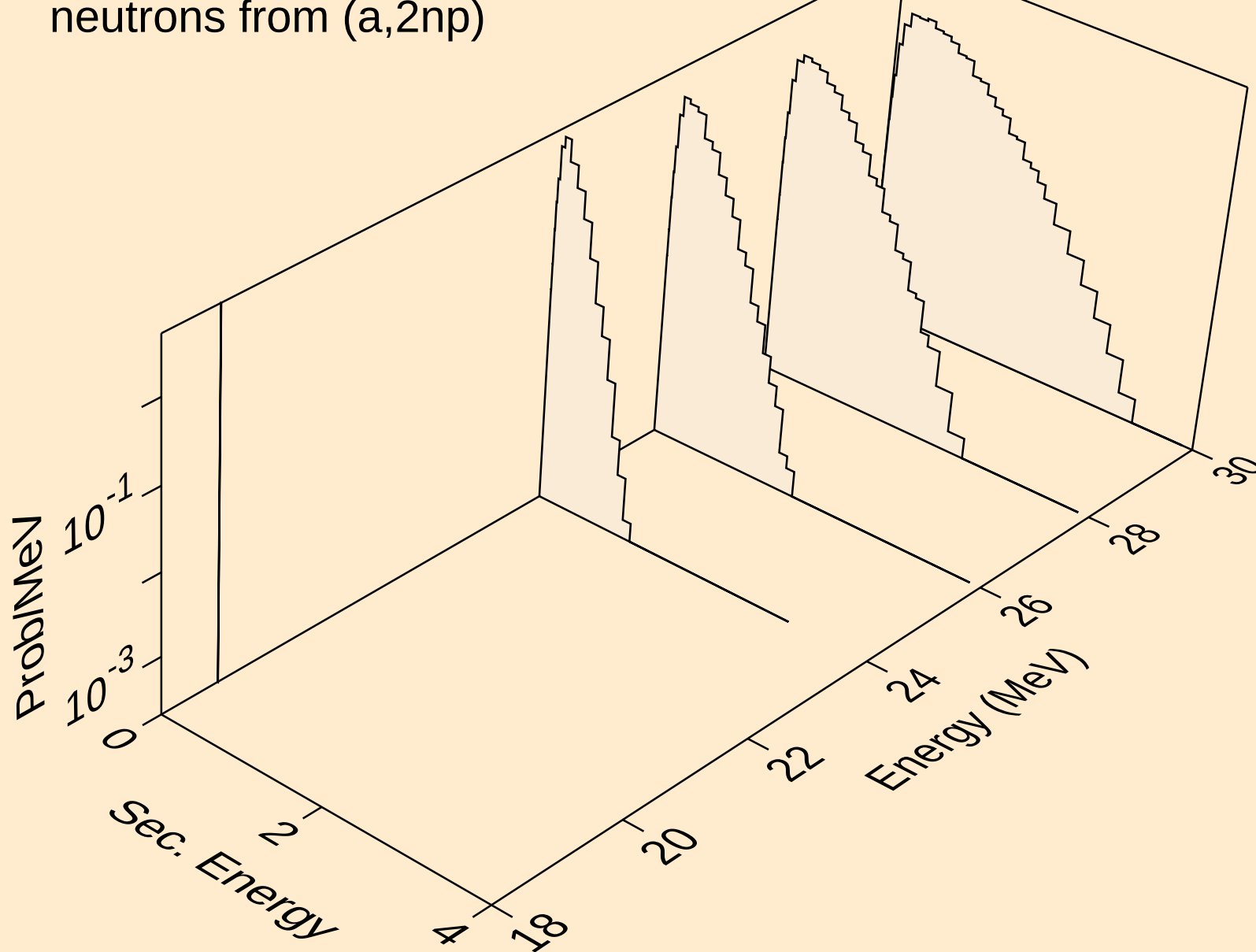
PT181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,n*)p



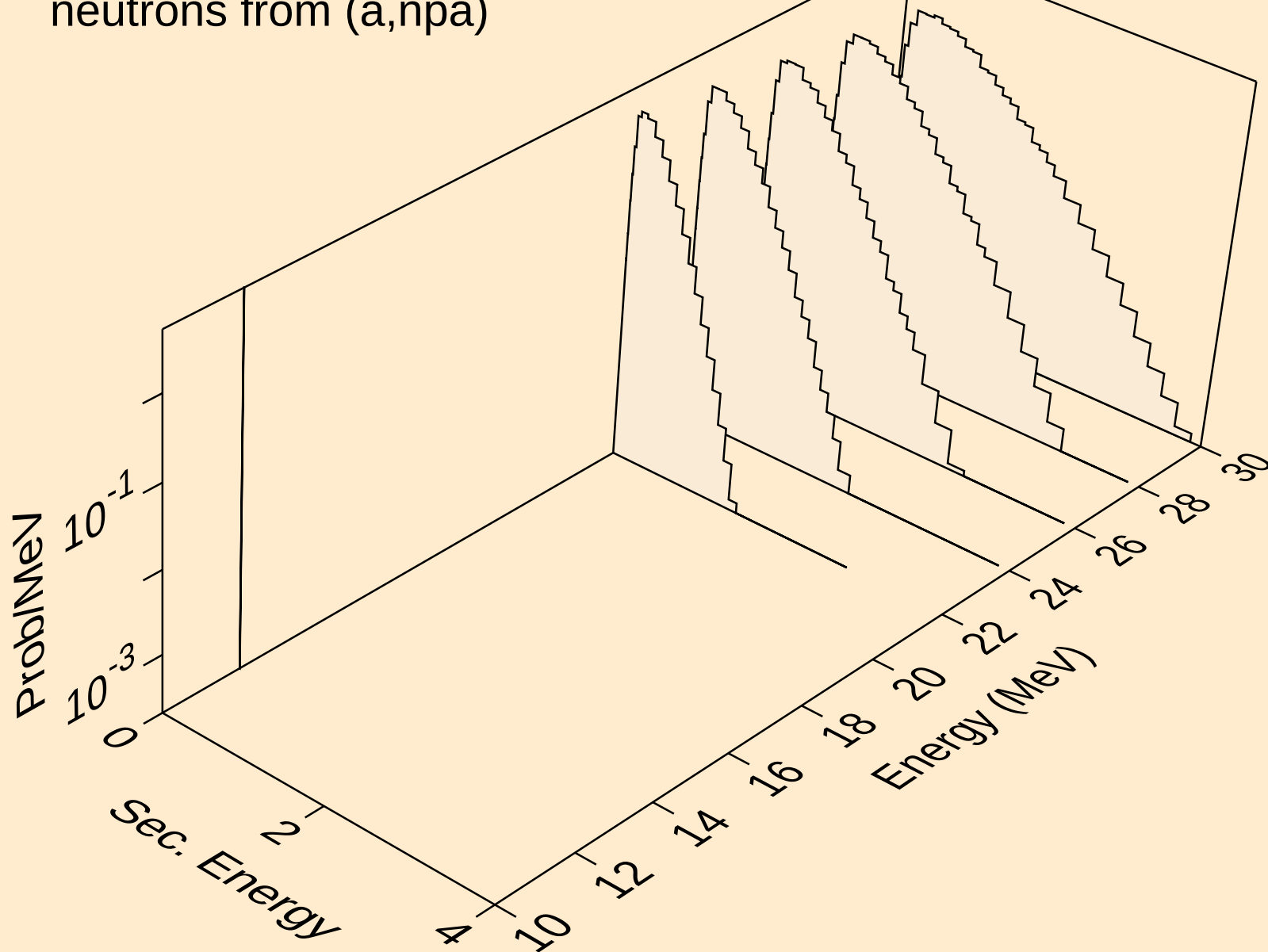
PT181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,n*)2a



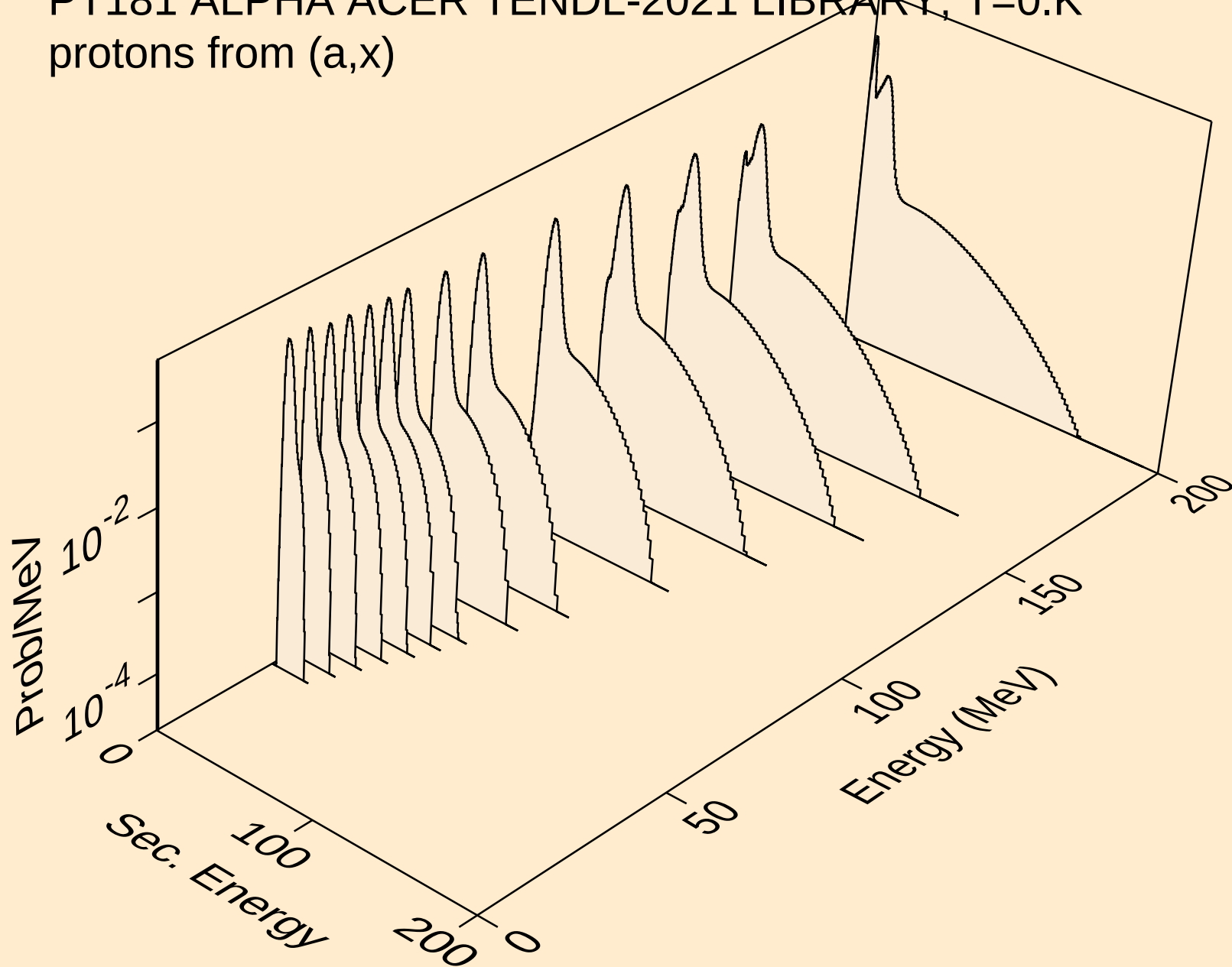
PT181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,2np)



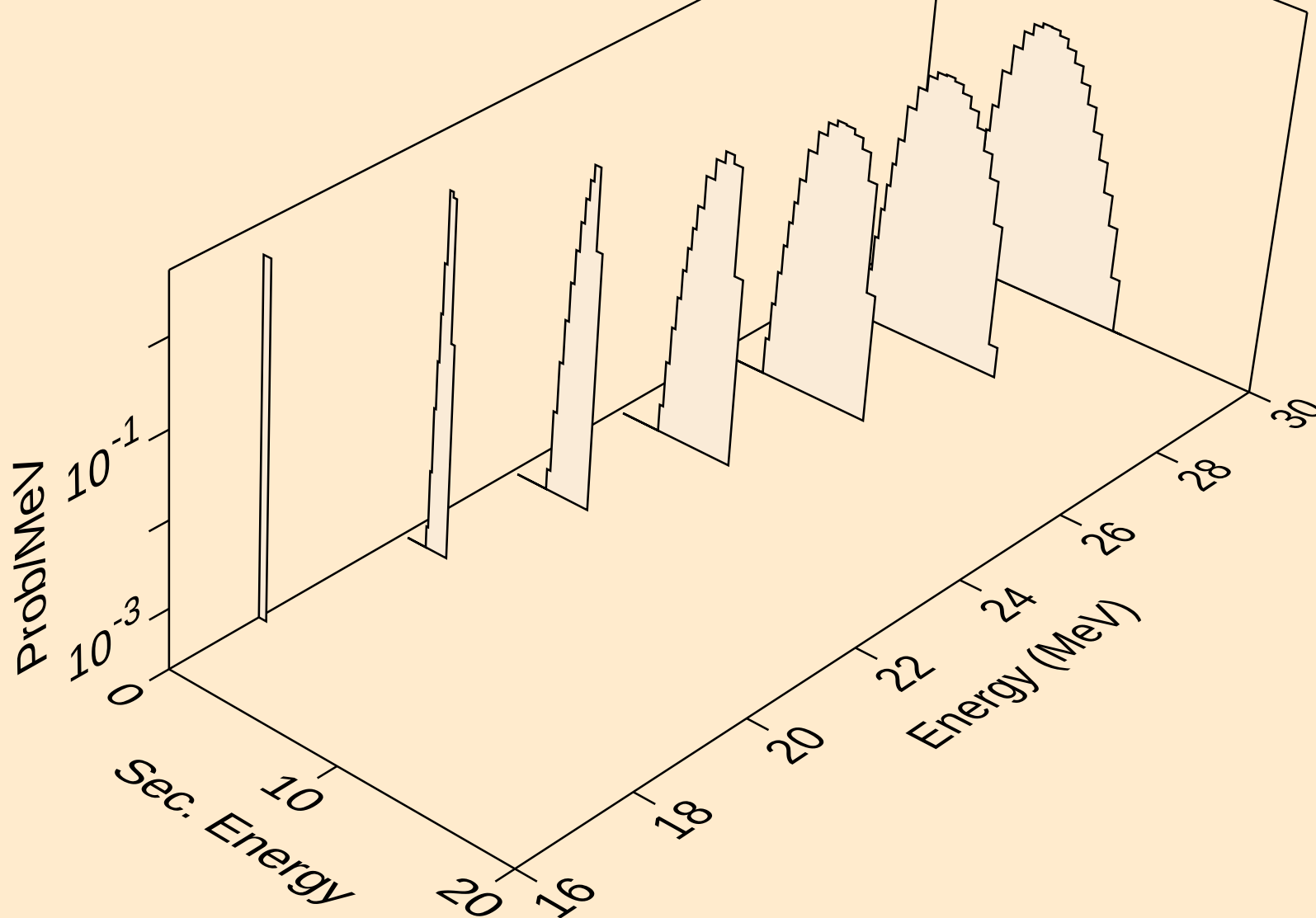
PT181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,npa)



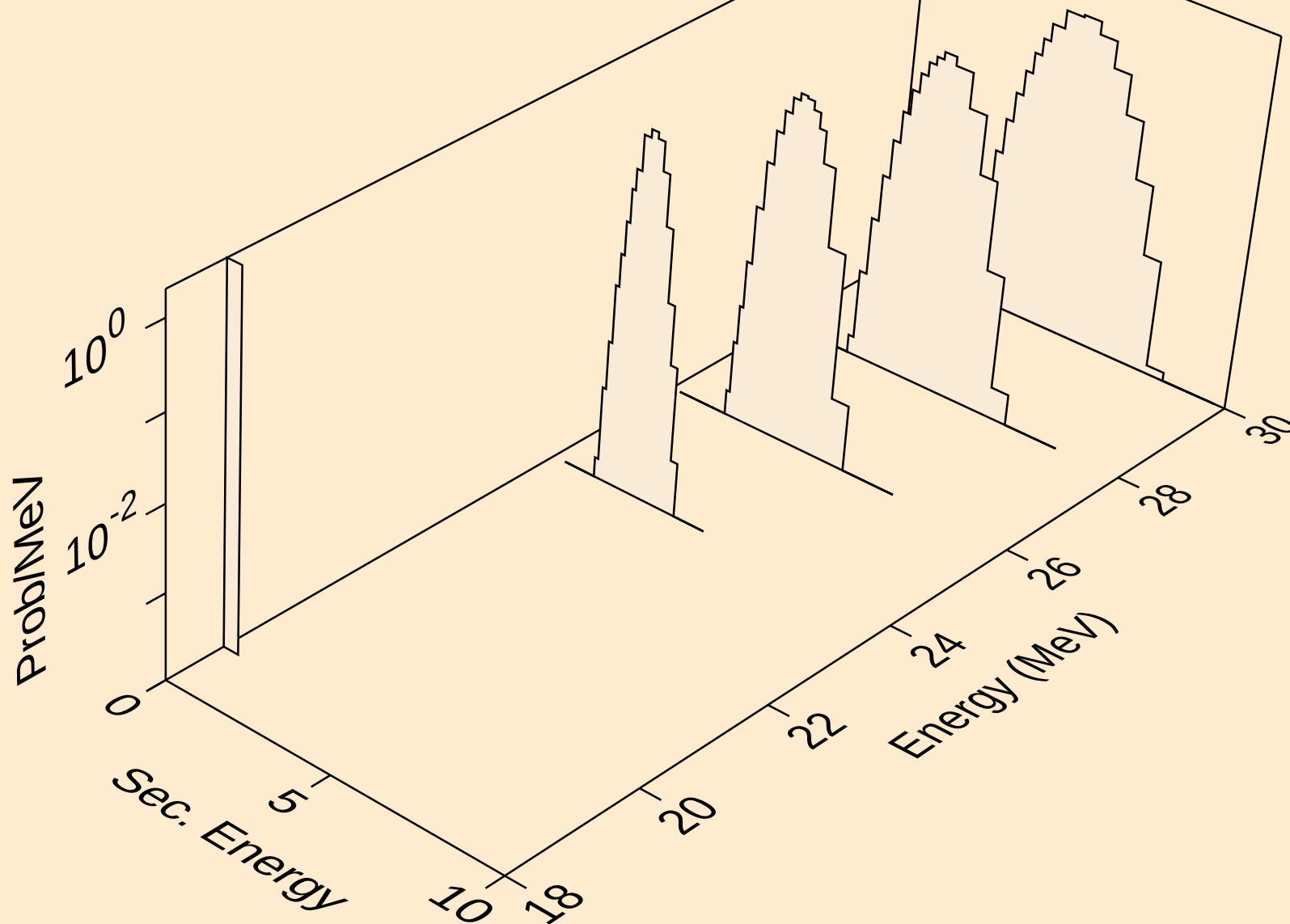
PT181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
protons from (a,x)



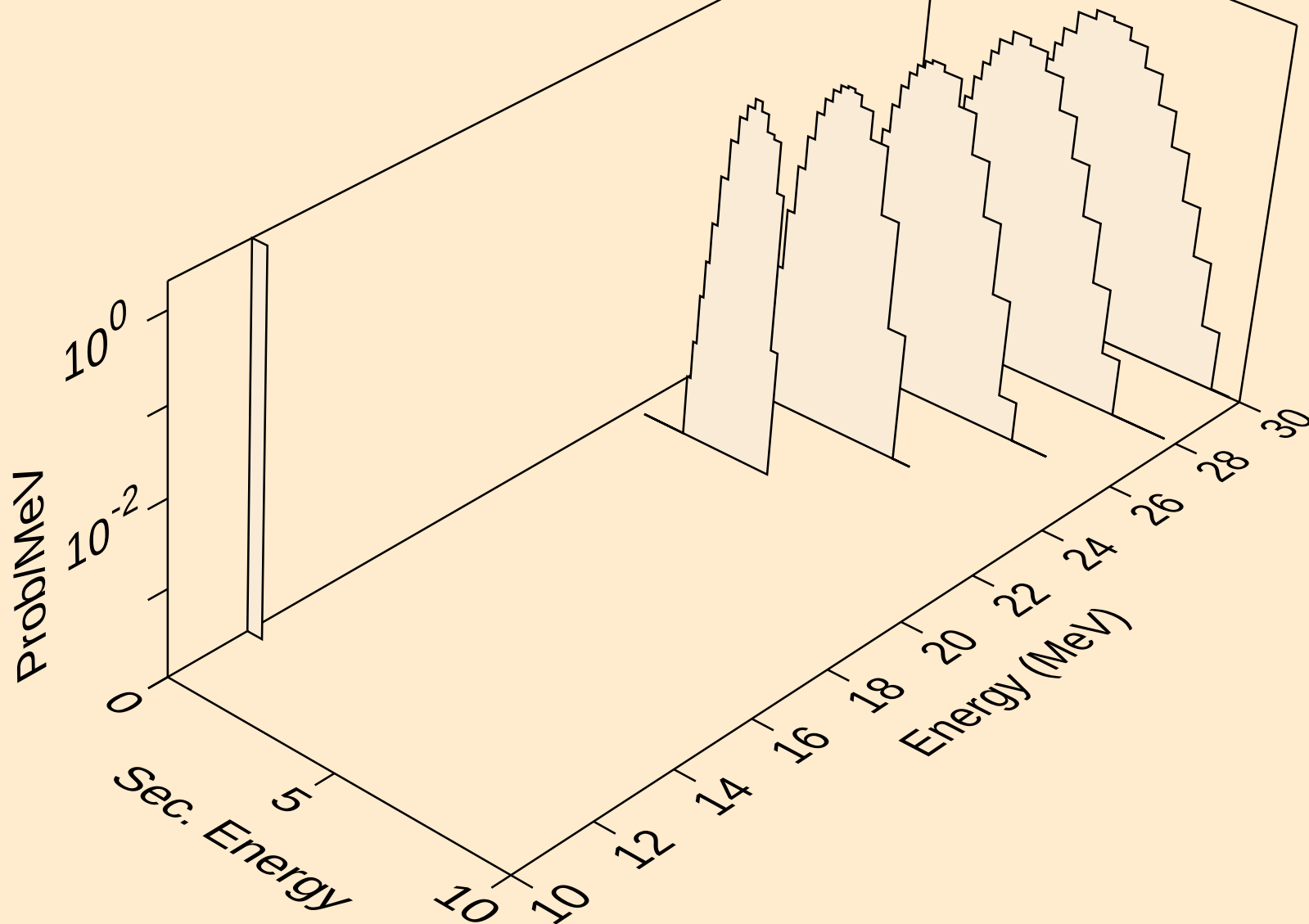
PT181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
protons from (a,n*)p



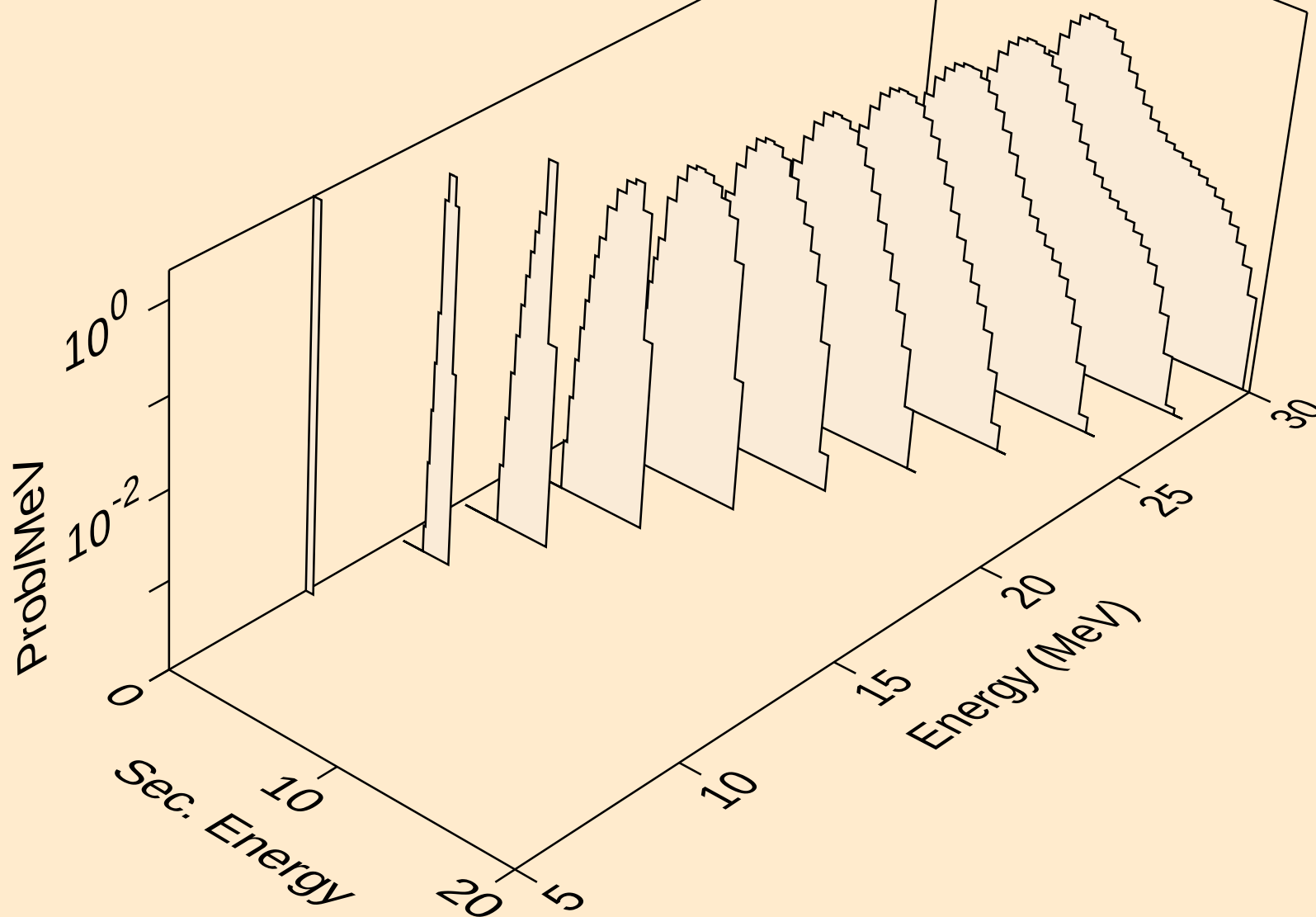
PT181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
protons from (a,2np)



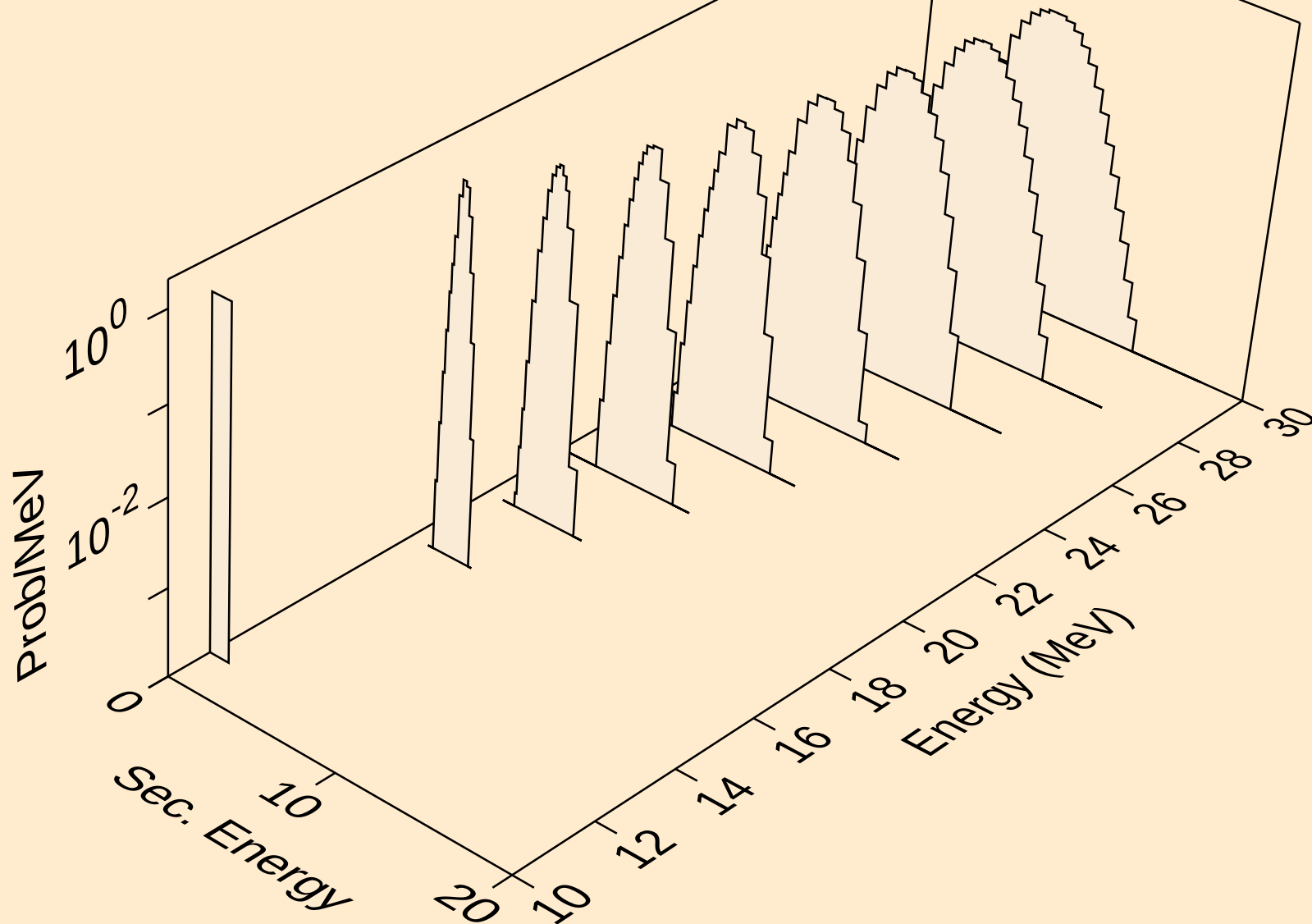
PT181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
protons from (a,npa)



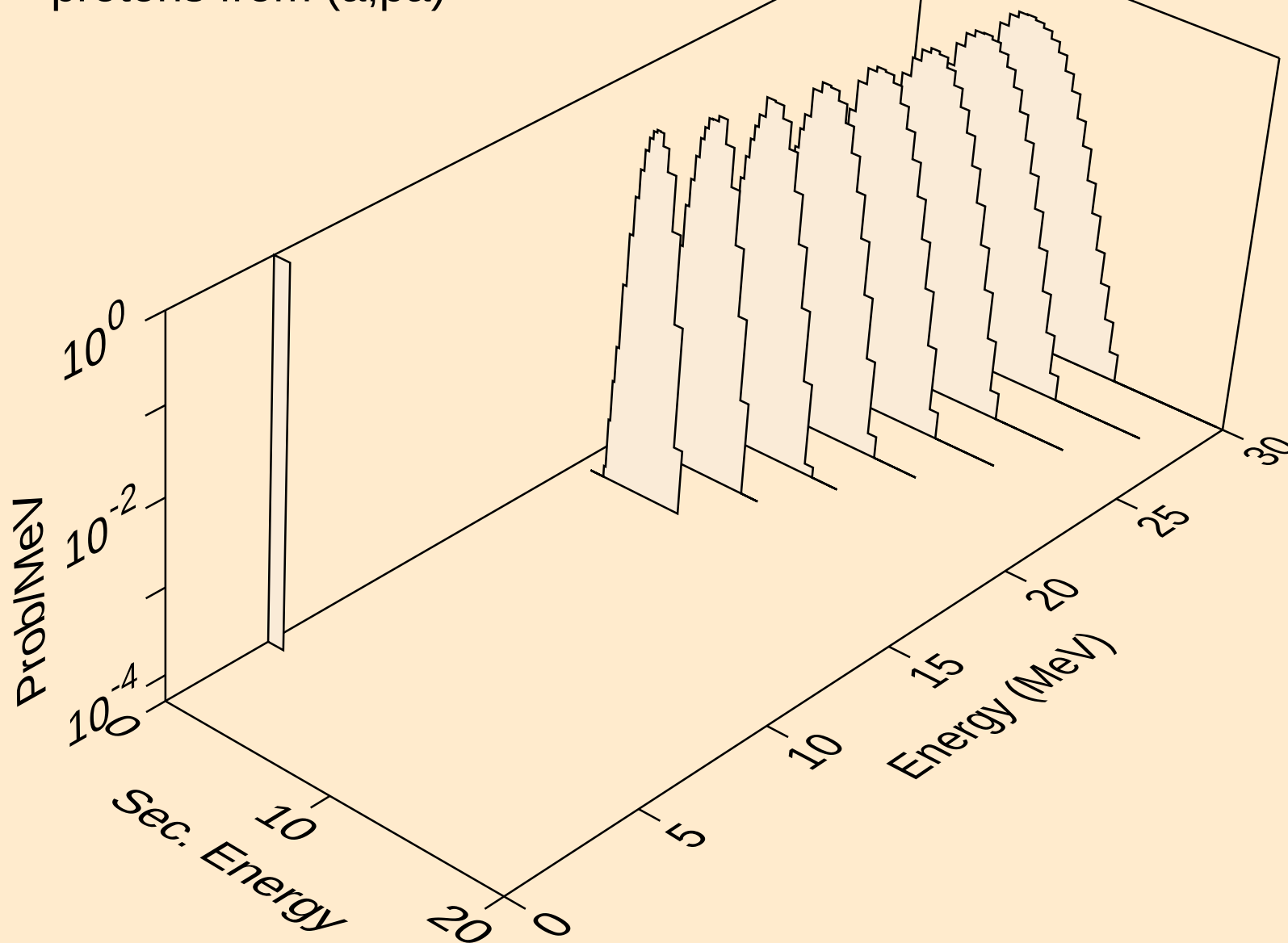
PT181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
protons from (a,p)



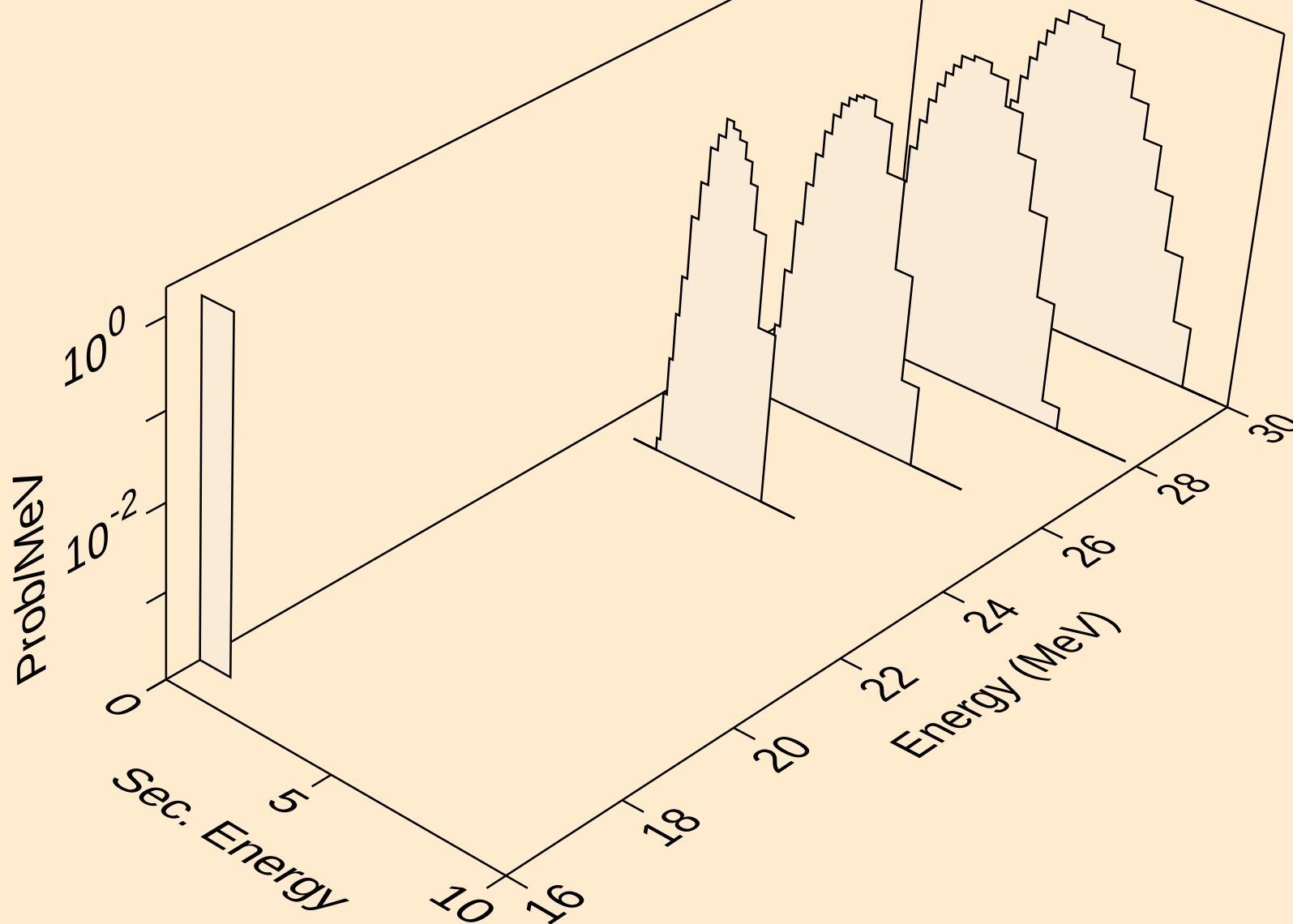
PT181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
protons from (a,2p)



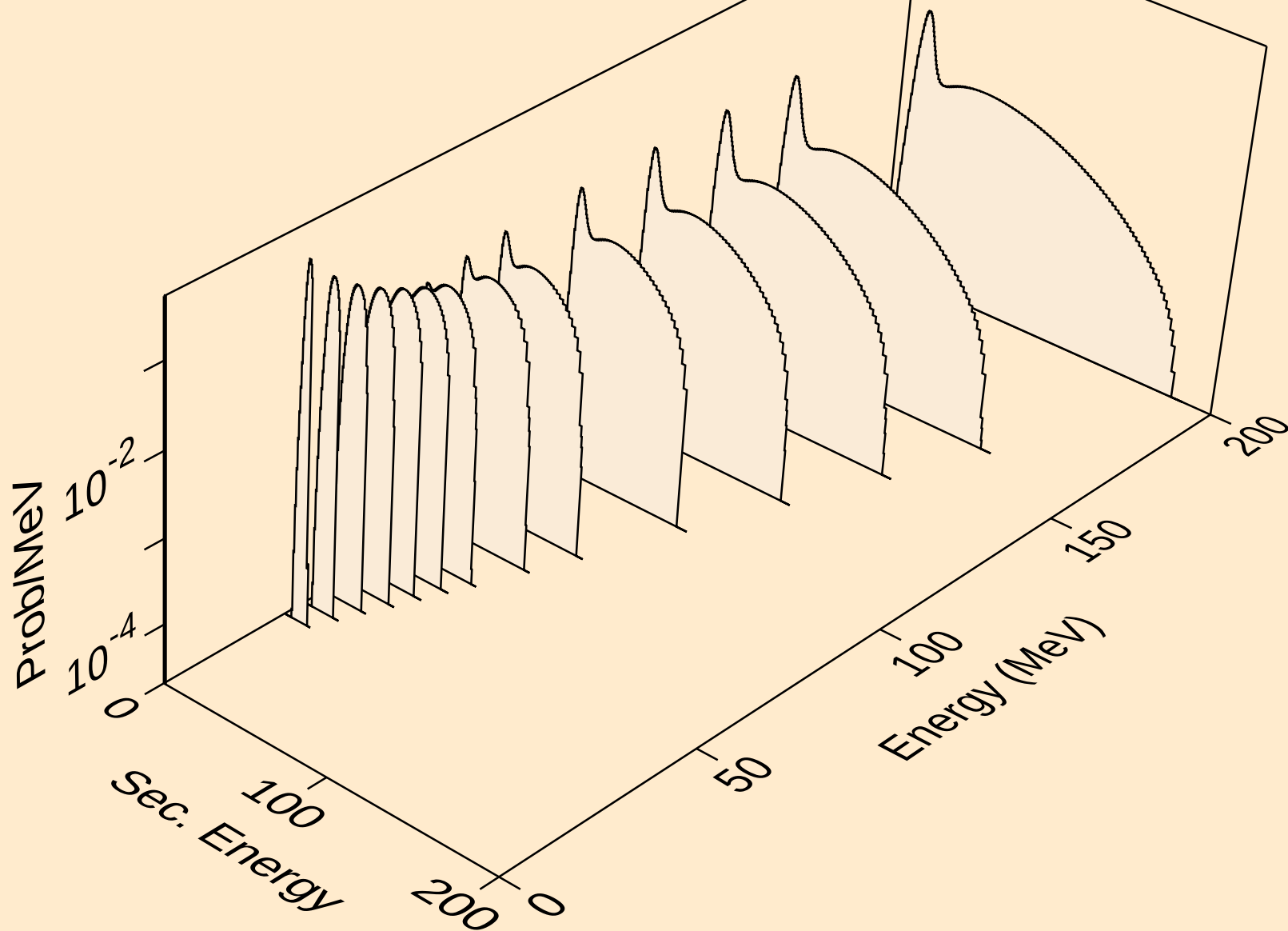
PT181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
protons from (a,pa)



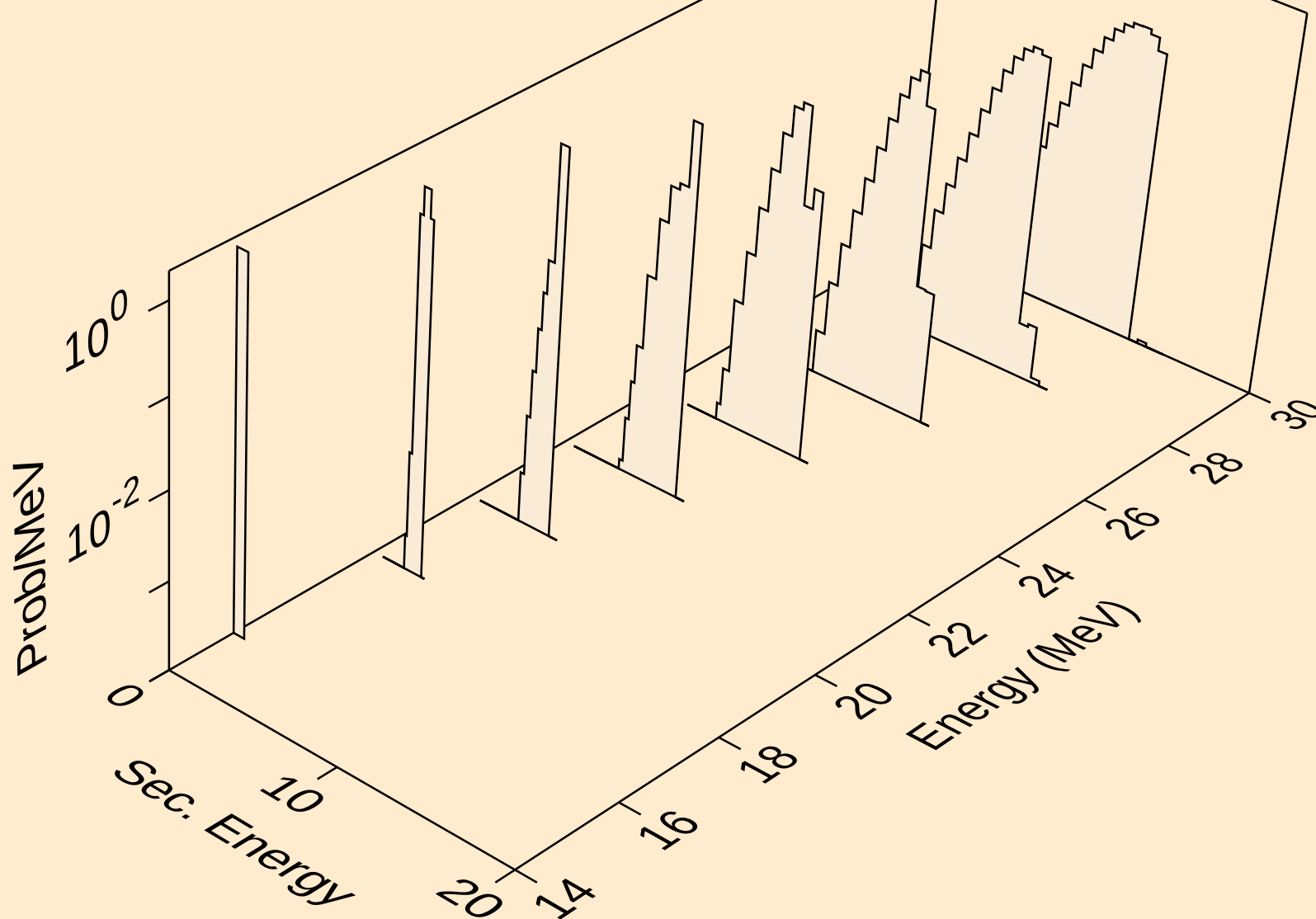
PT181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
protons from (a,pd)



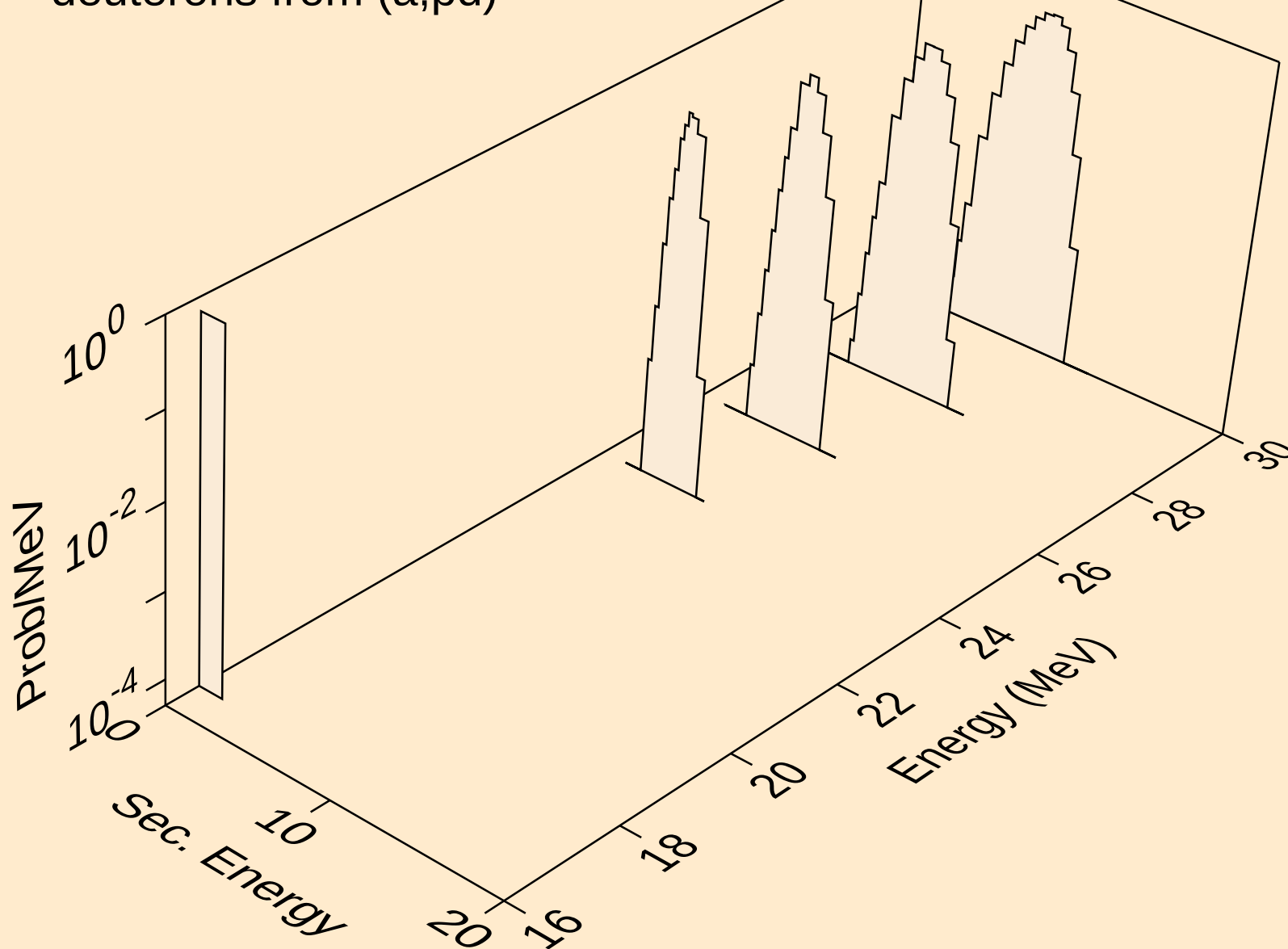
PT181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
deuterons from (a,x)



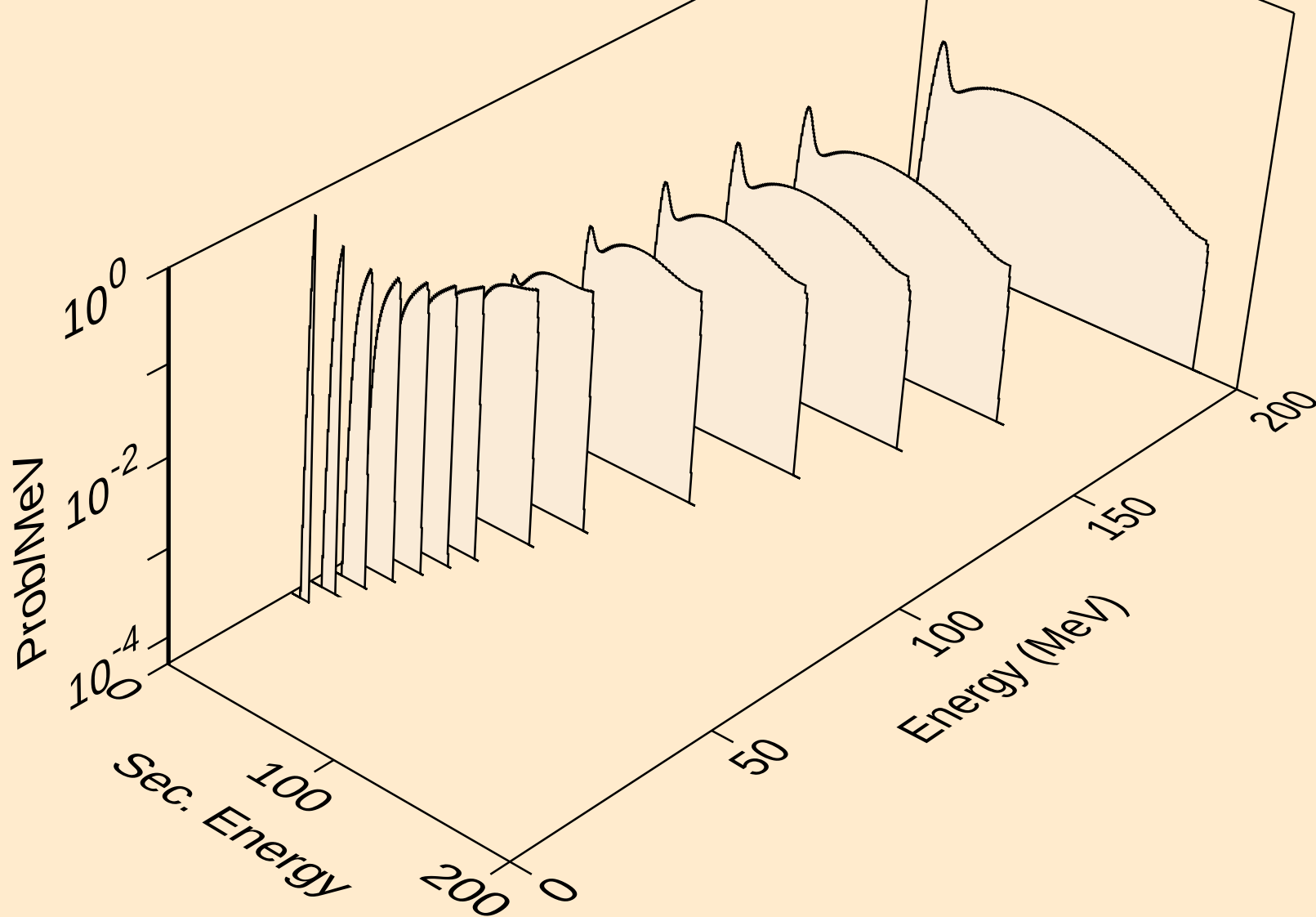
PT181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
deuterons from (a,d)



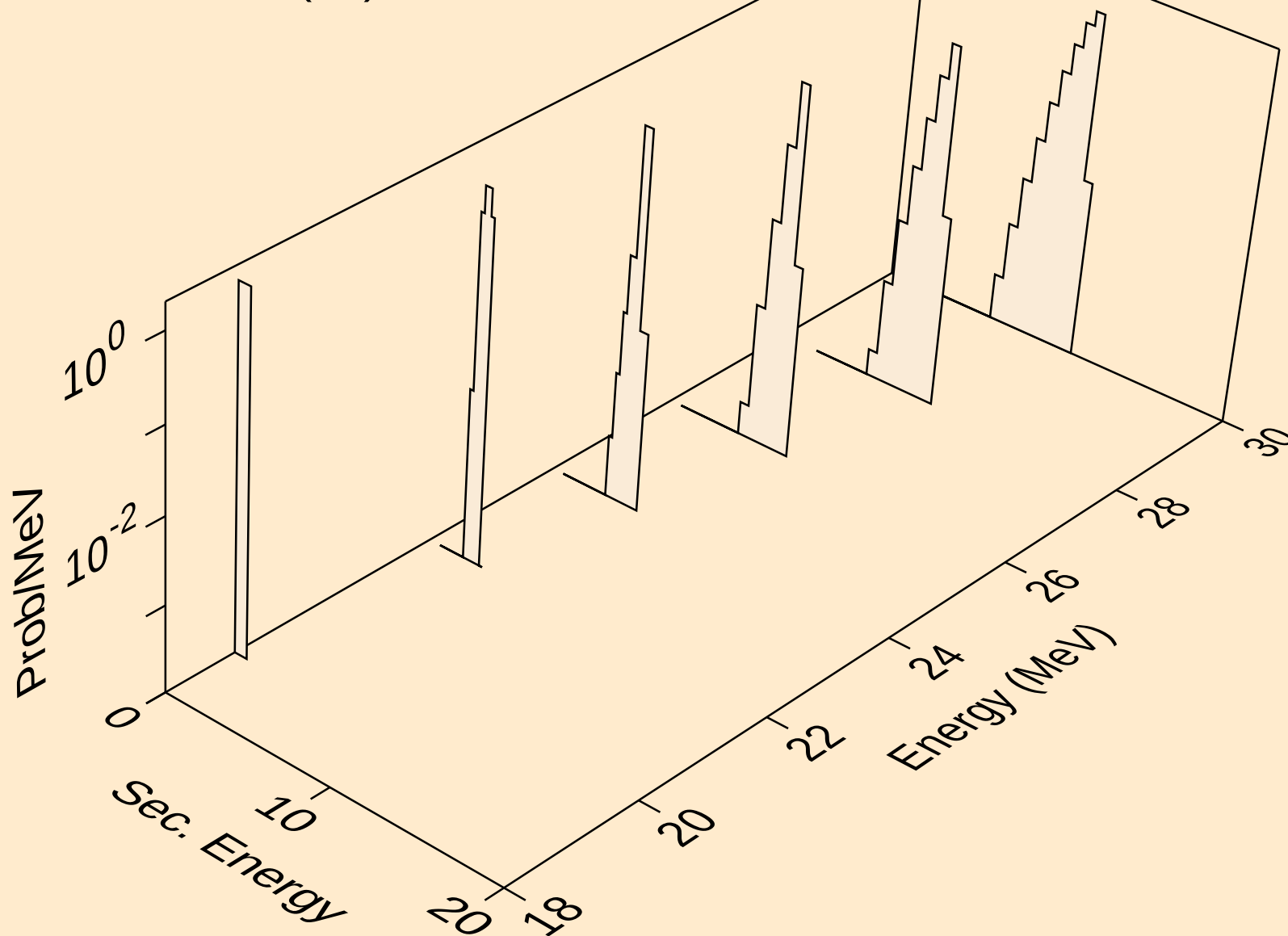
PT181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
deuterons from (a,pd)



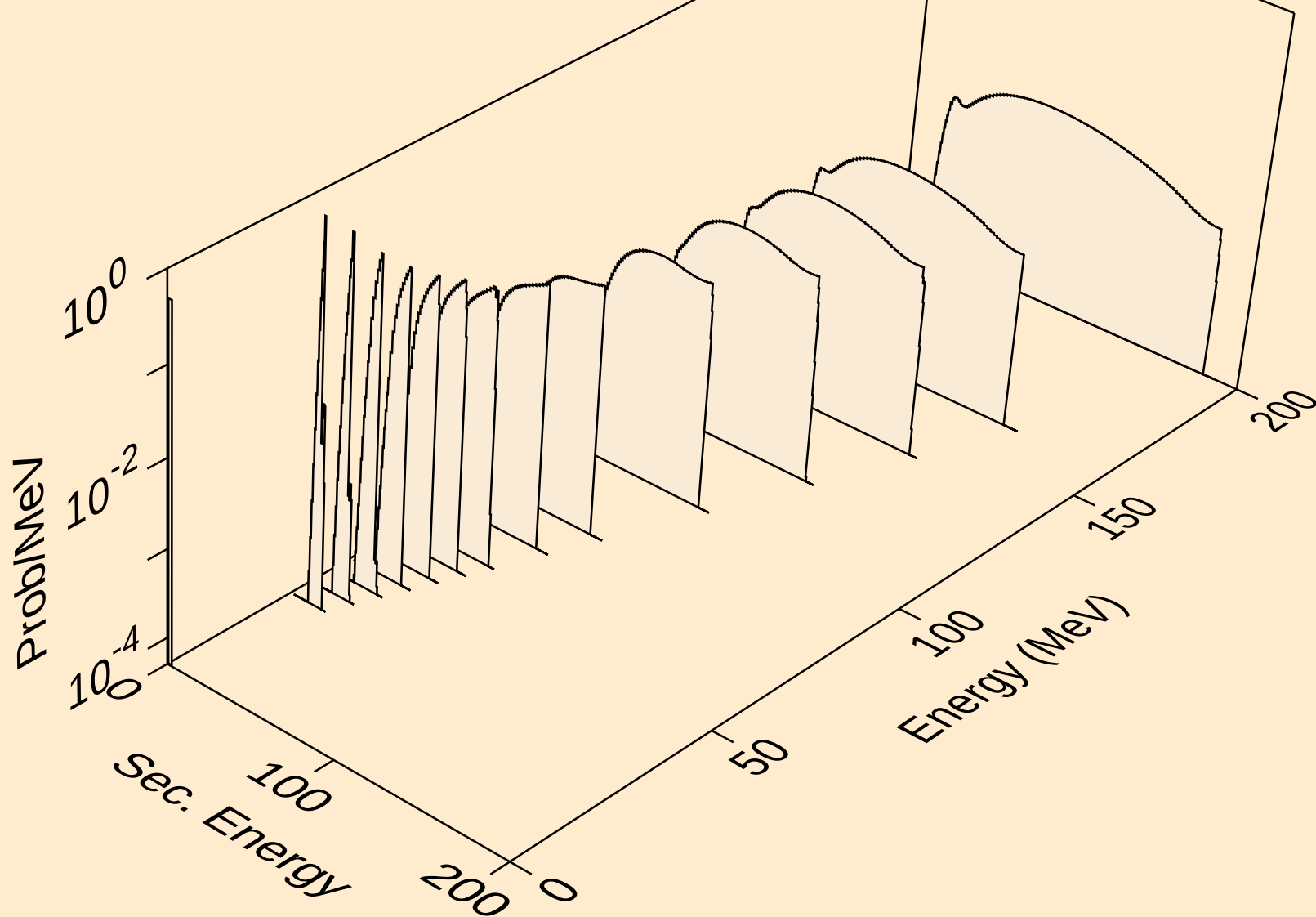
PT181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
tritons from (a,x)



PT181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
tritons from (a,t)



PT181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
he3s from (a,x)



PT181 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
he3s from (a,he3)

