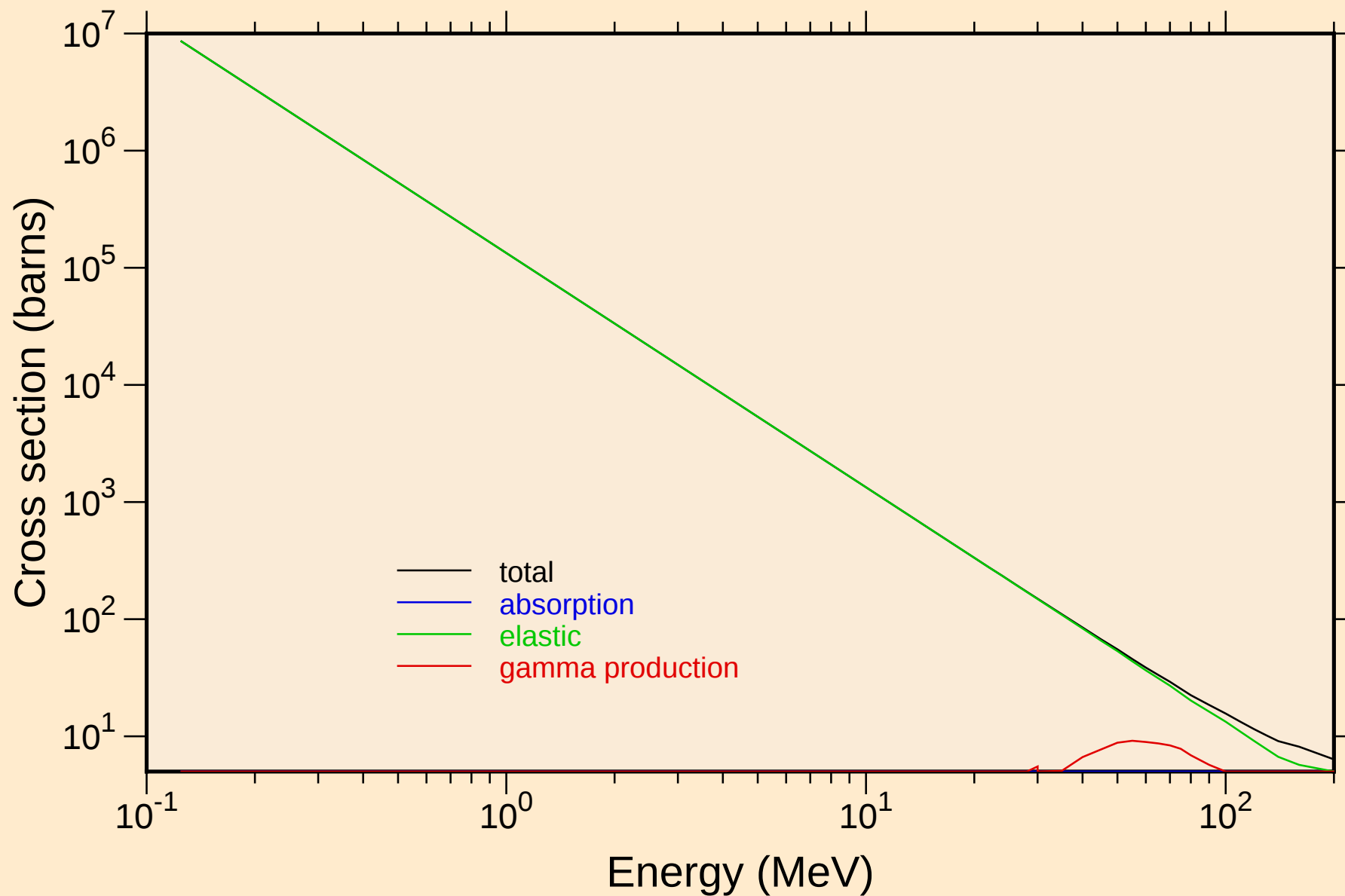


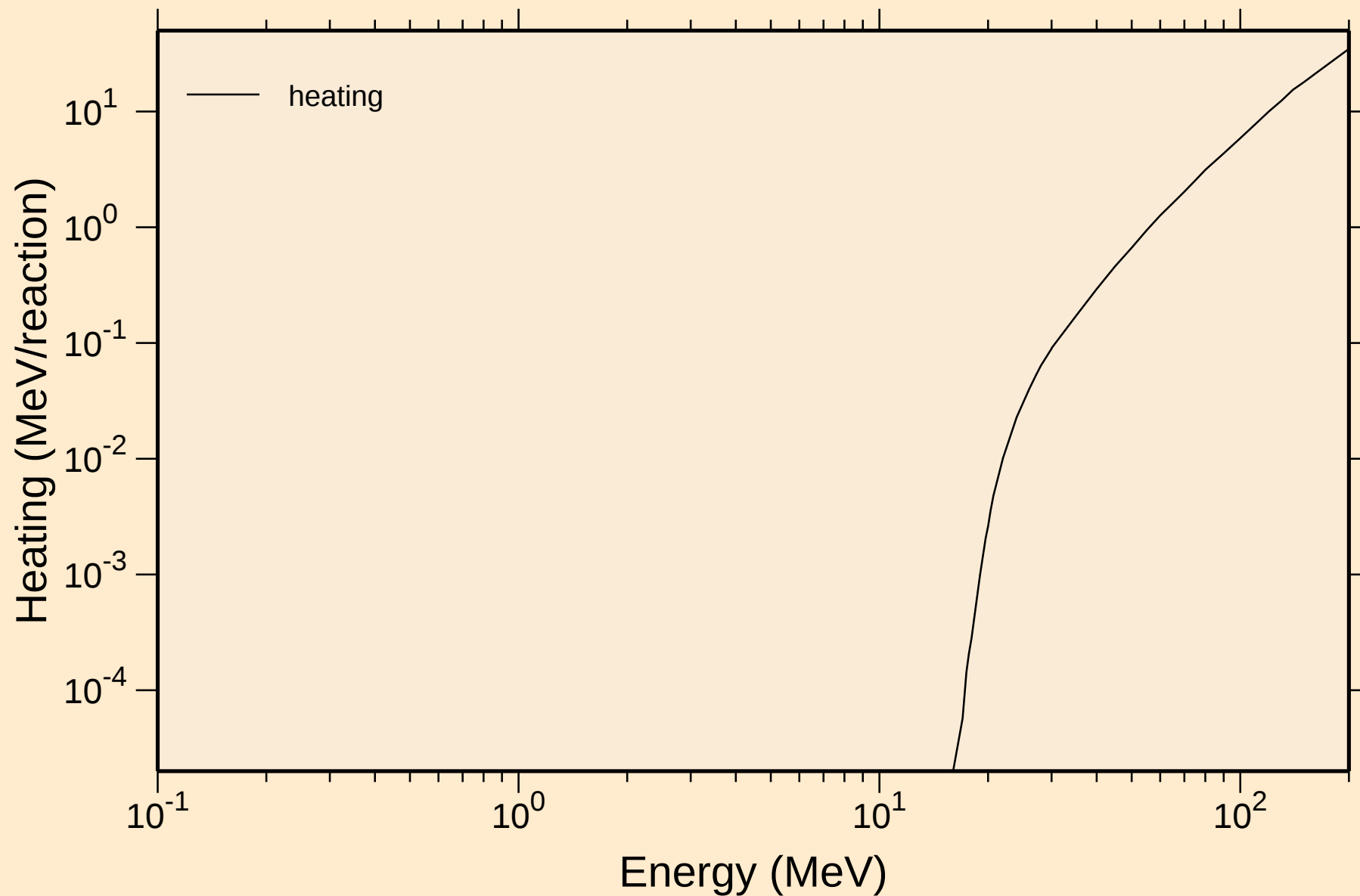
HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Principal cross sections



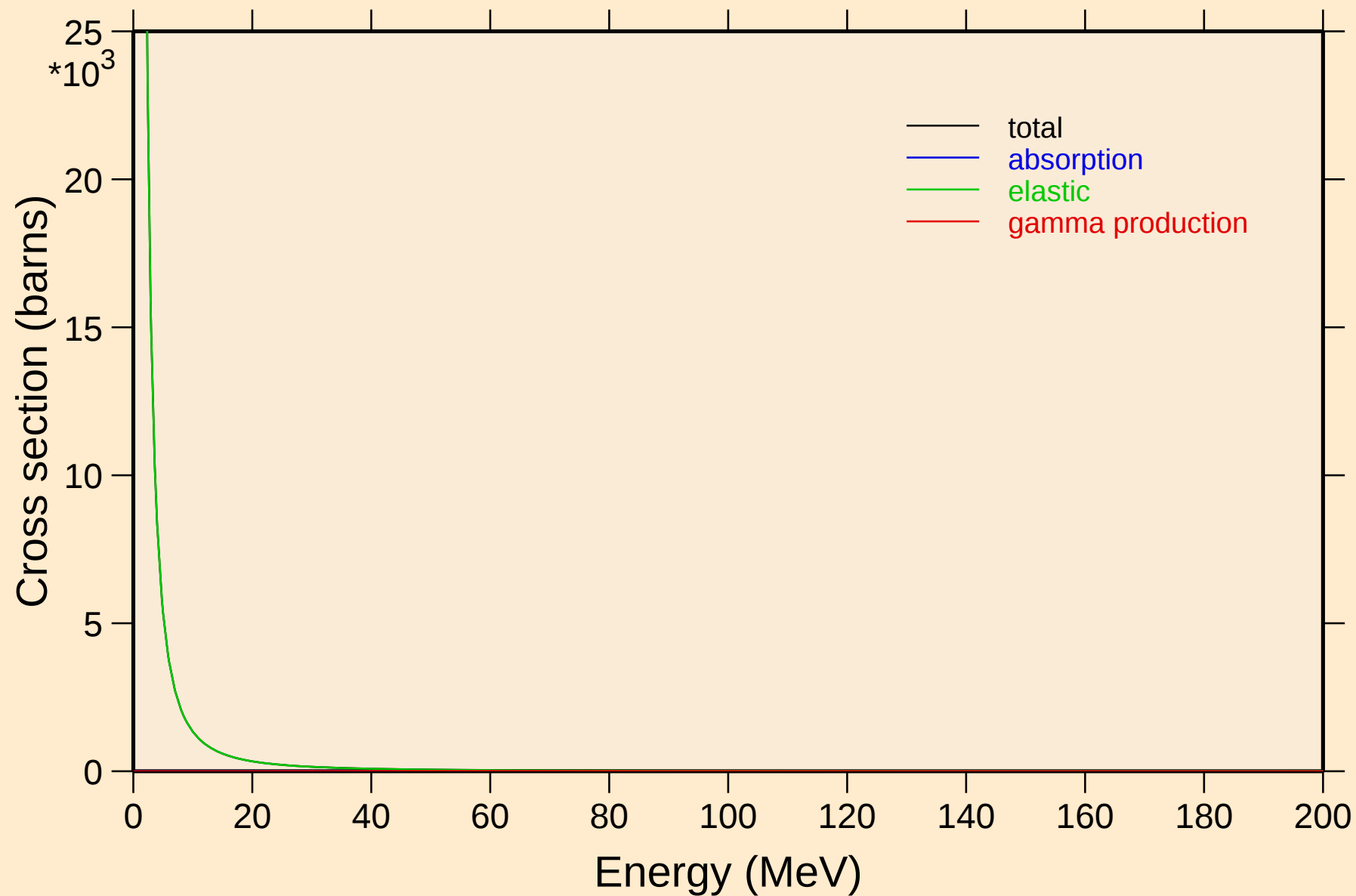
HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Heating



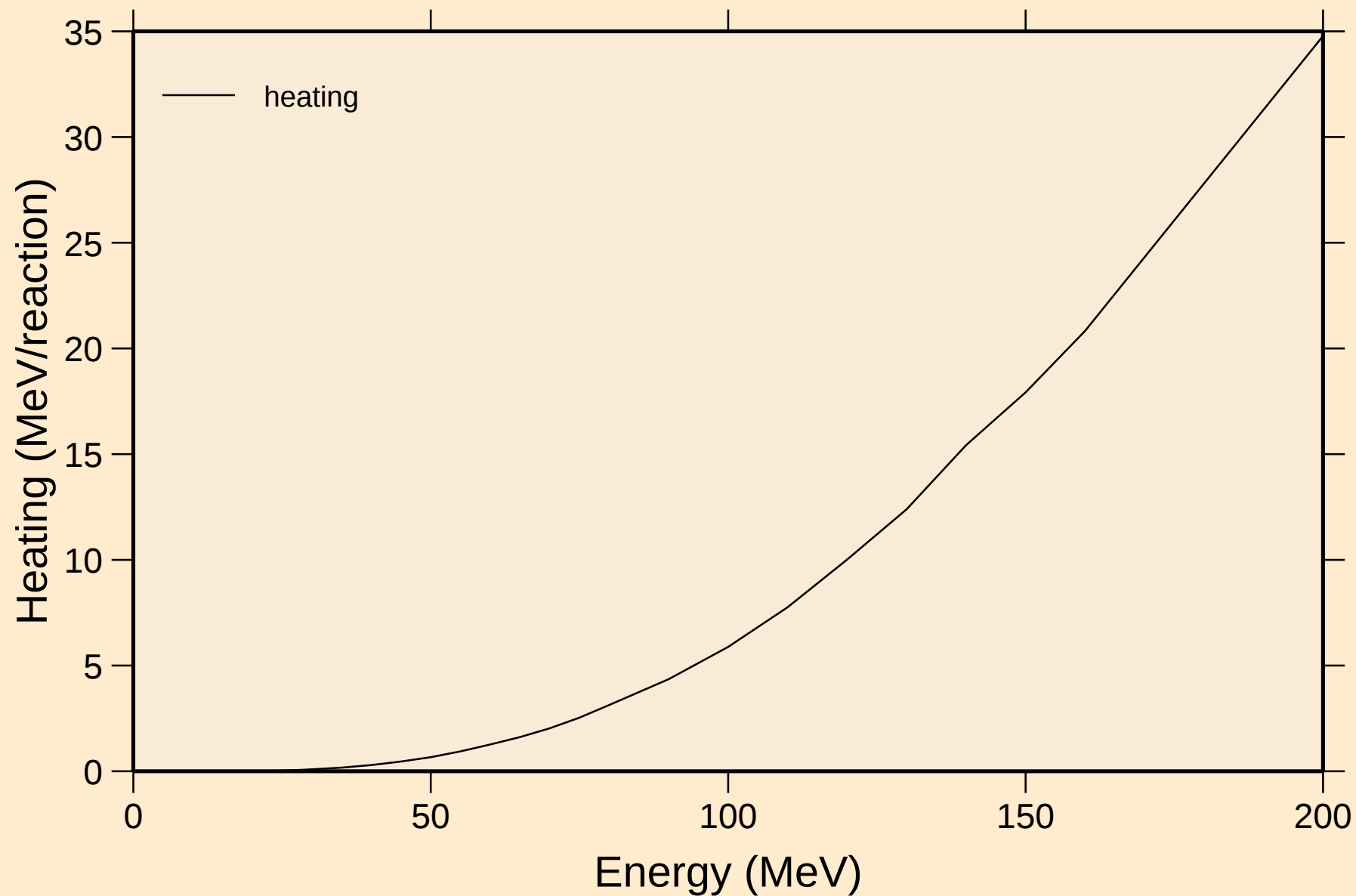
HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Principal cross sections



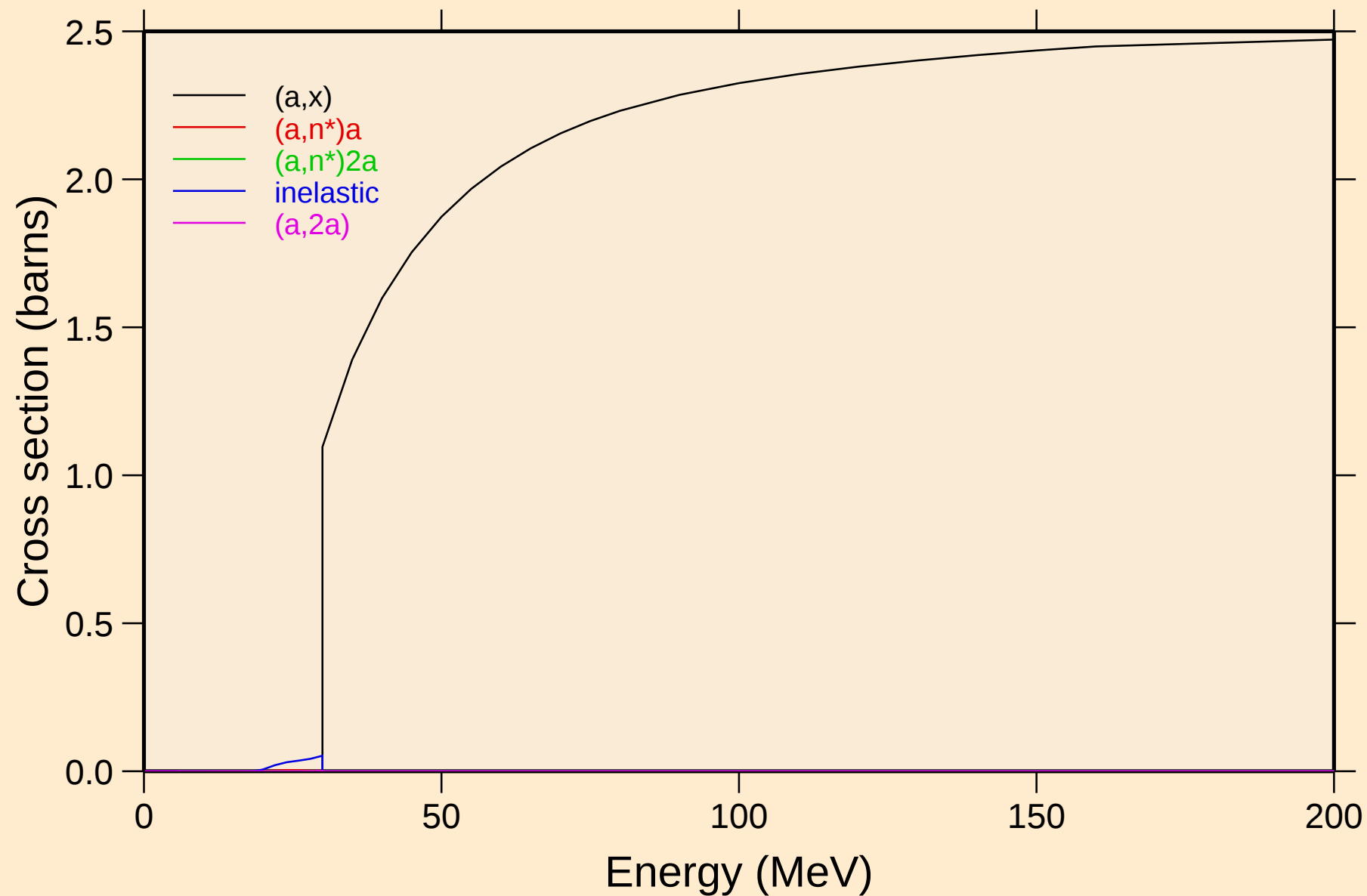
HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Heating



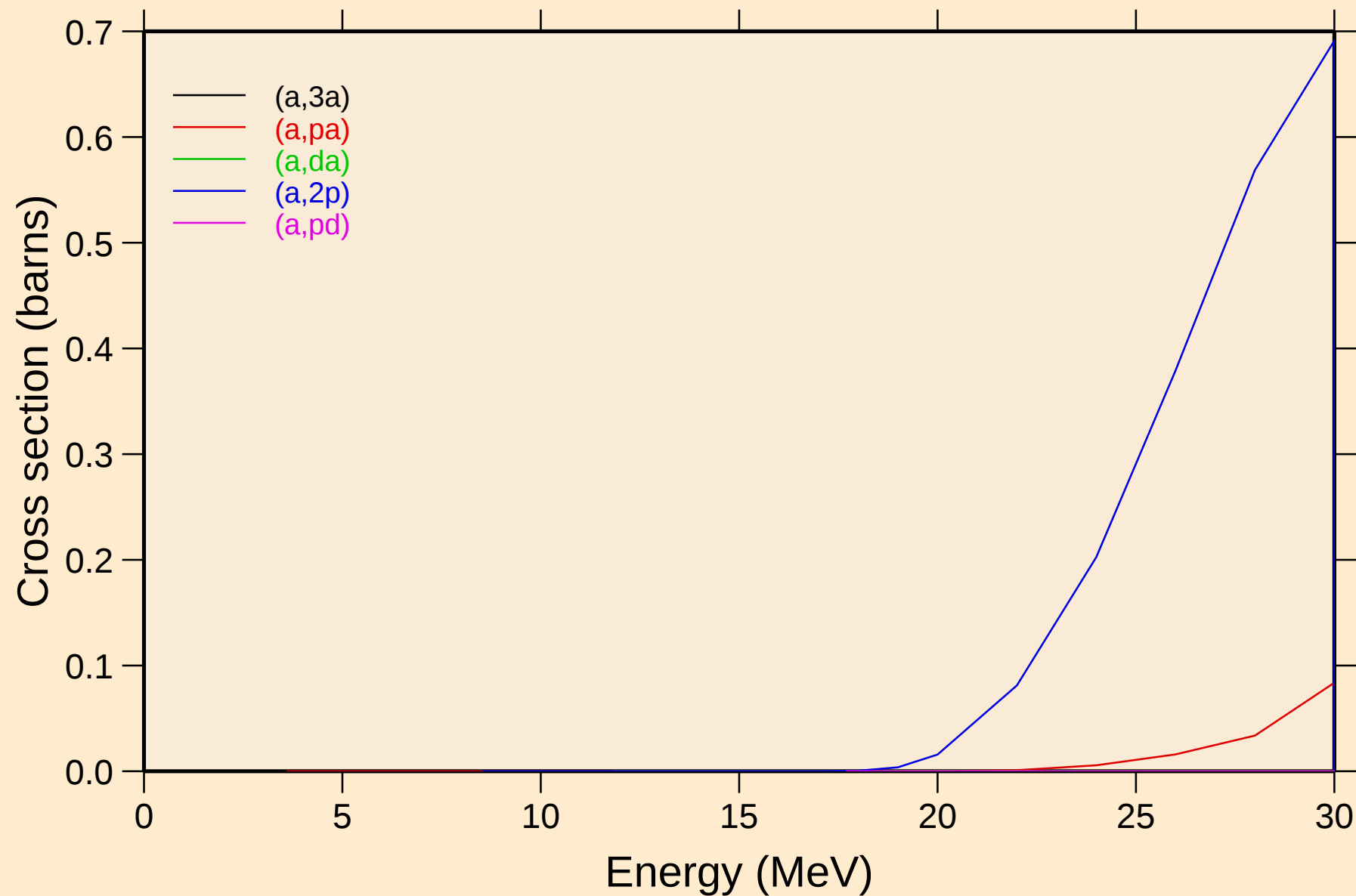
HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Threshold reactions



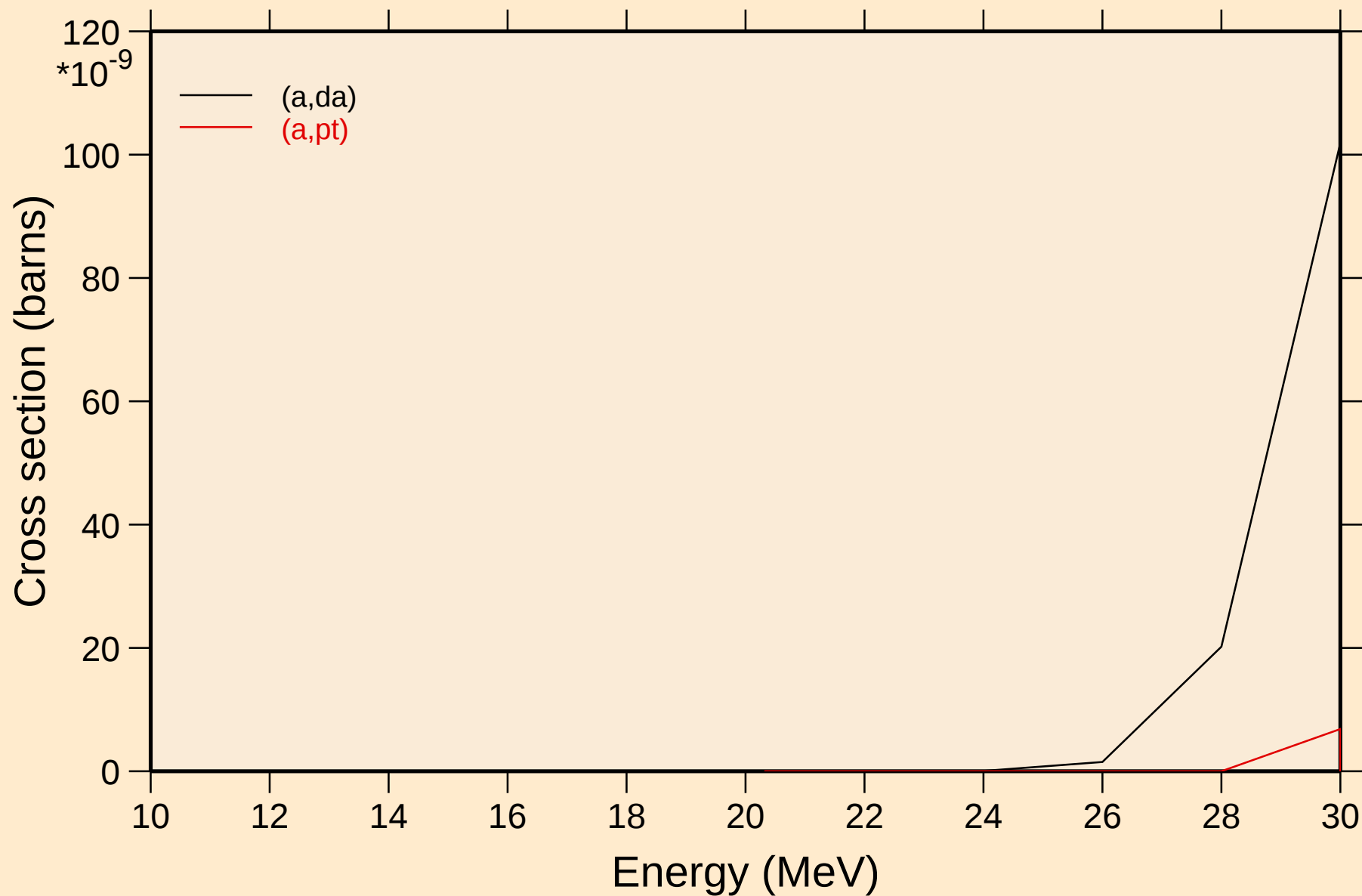
HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Threshold reactions



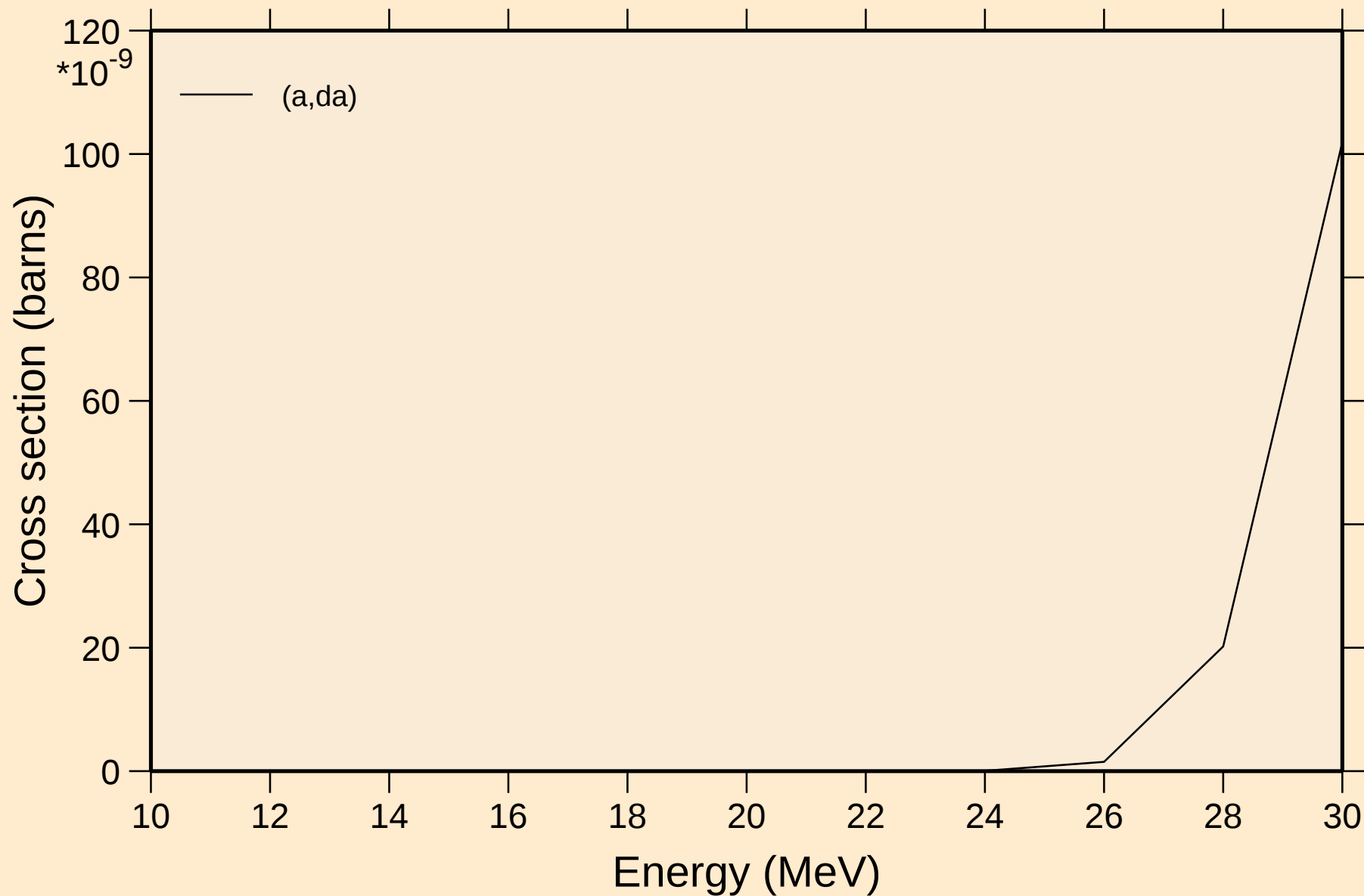
HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Threshold reactions

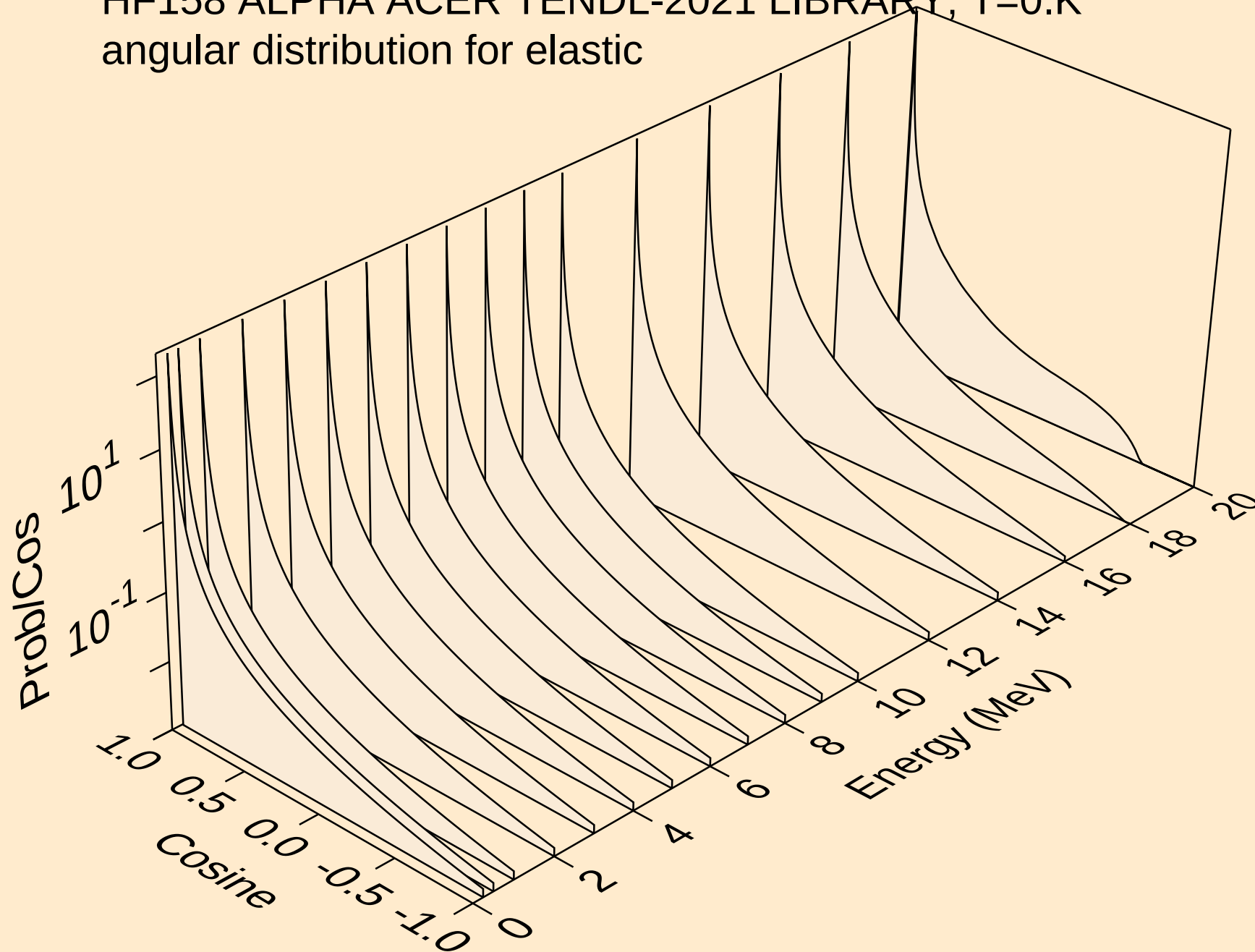


HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

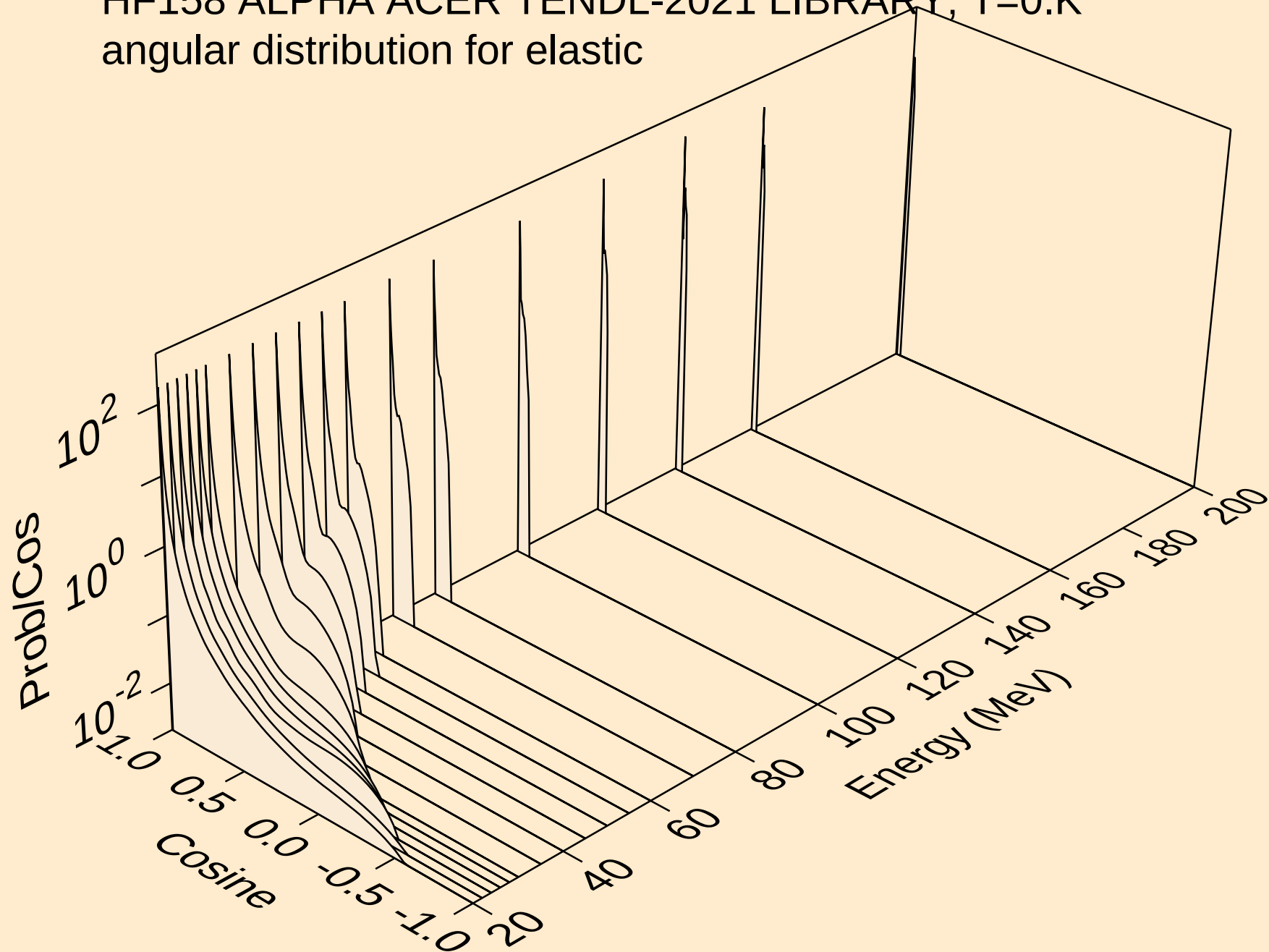
Threshold reactions



HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
angular distribution for elastic

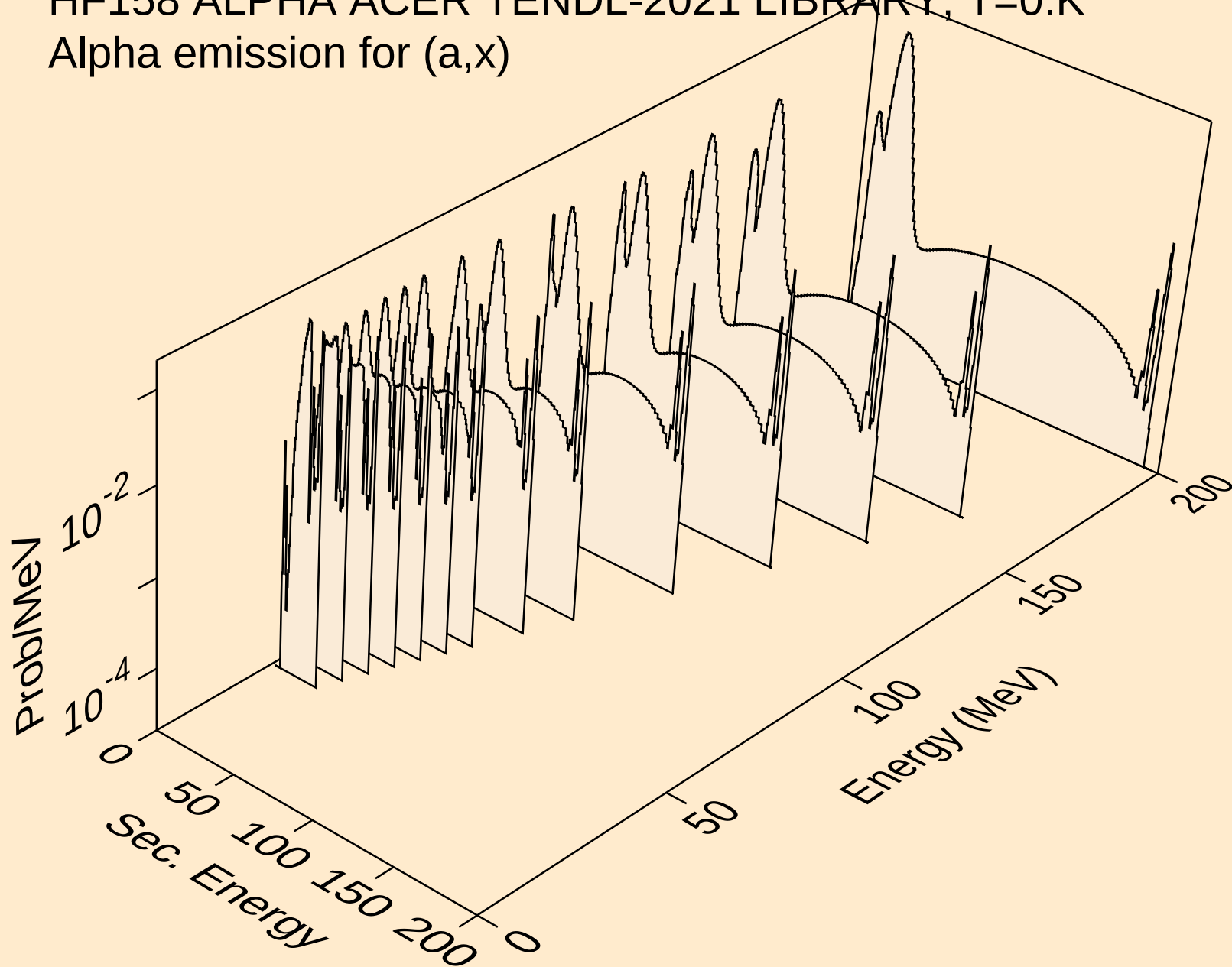


HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
angular distribution for elastic



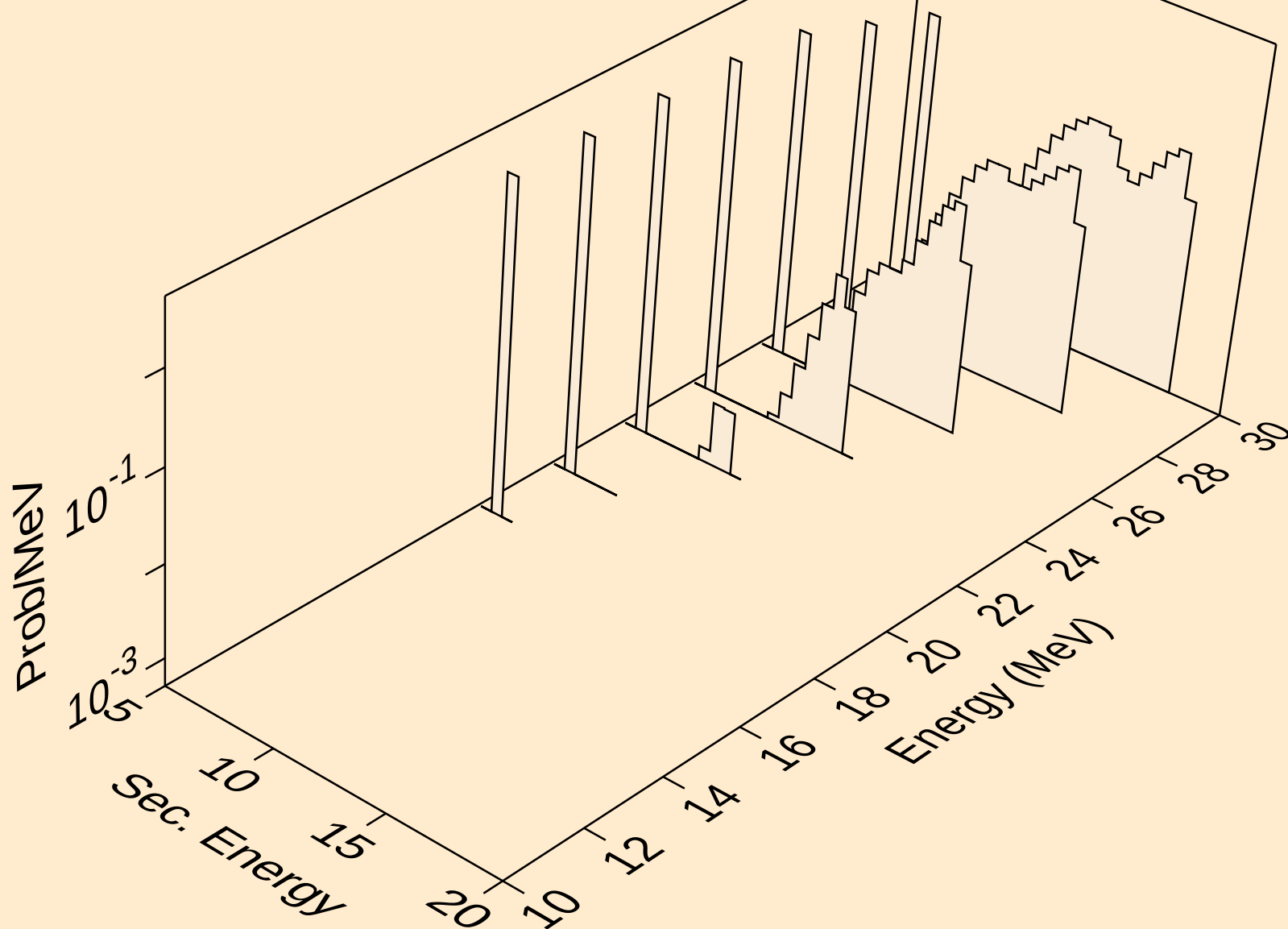
HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Alpha emission for (a,x)



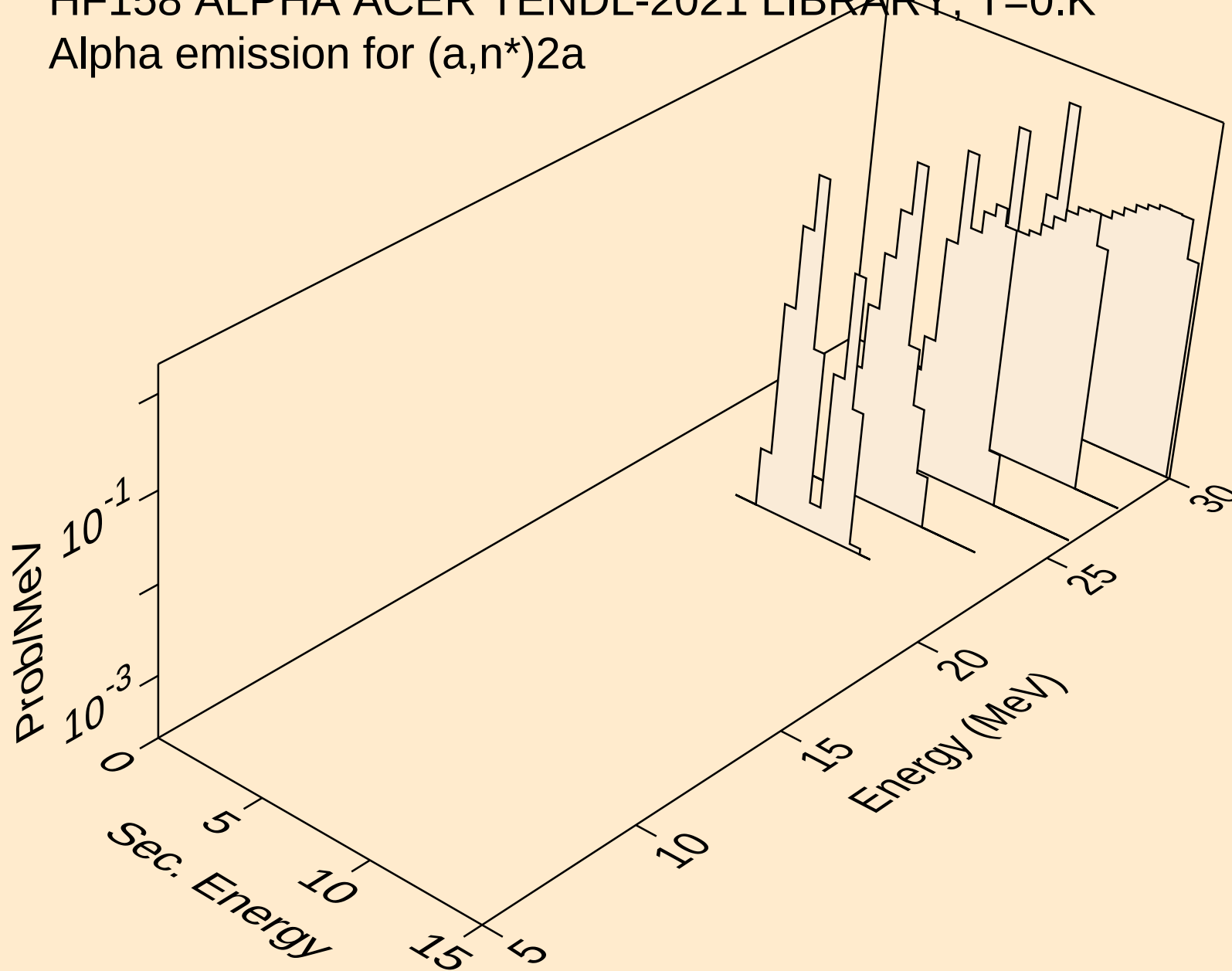
HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Alpha emission for (a,n*)a



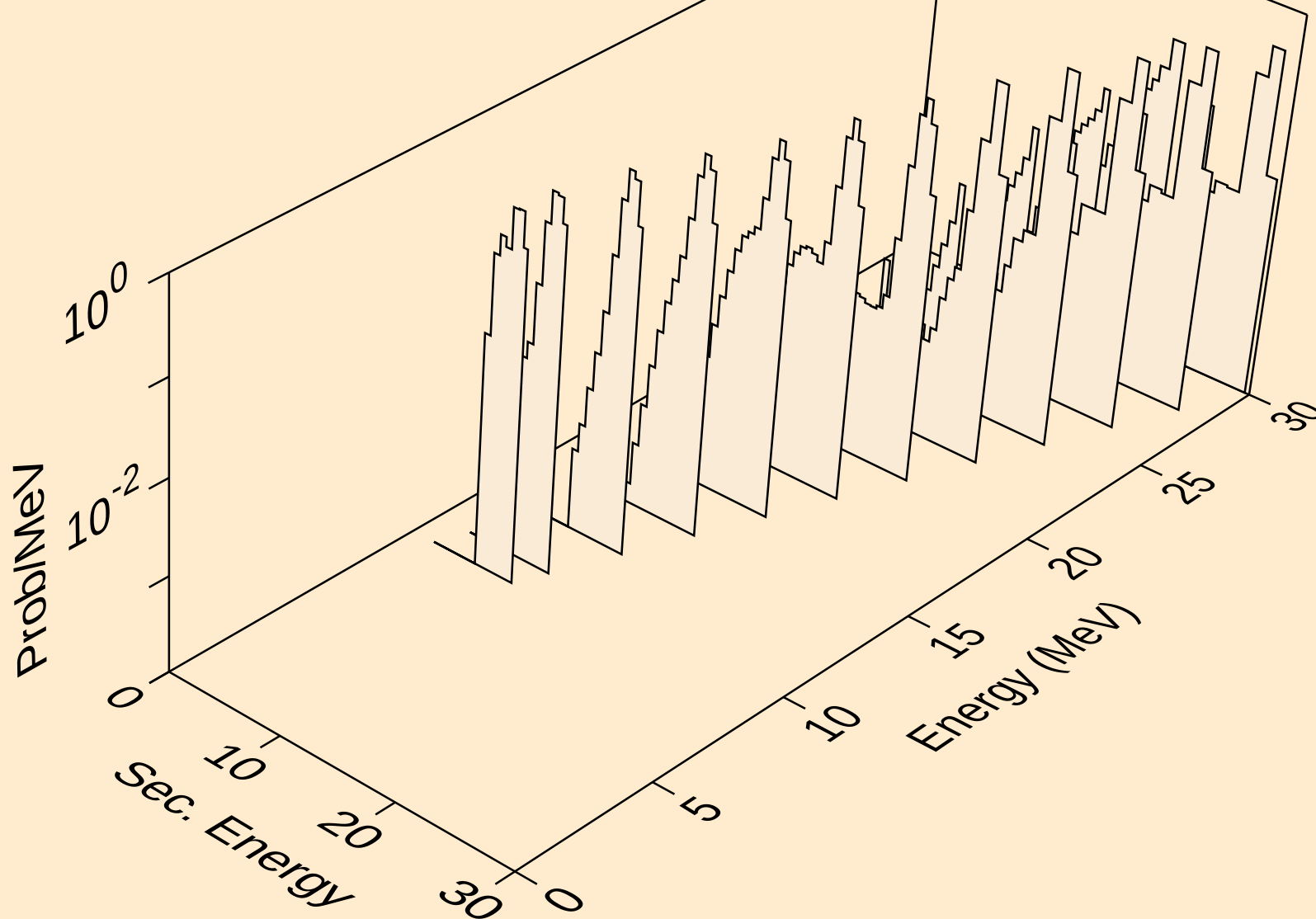
HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Alpha emission for (a,n*)2a



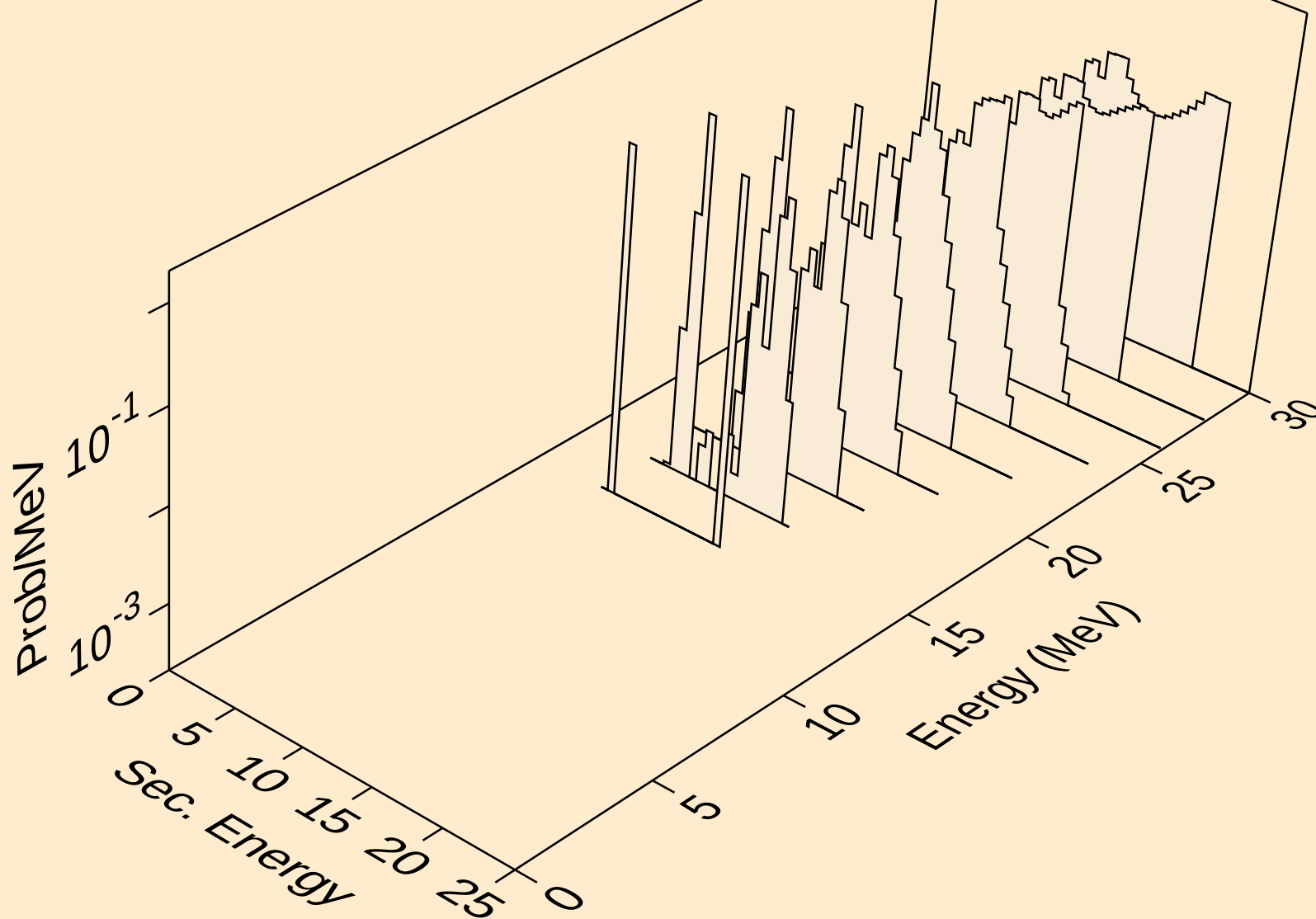
HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Alpha emission for inelastic



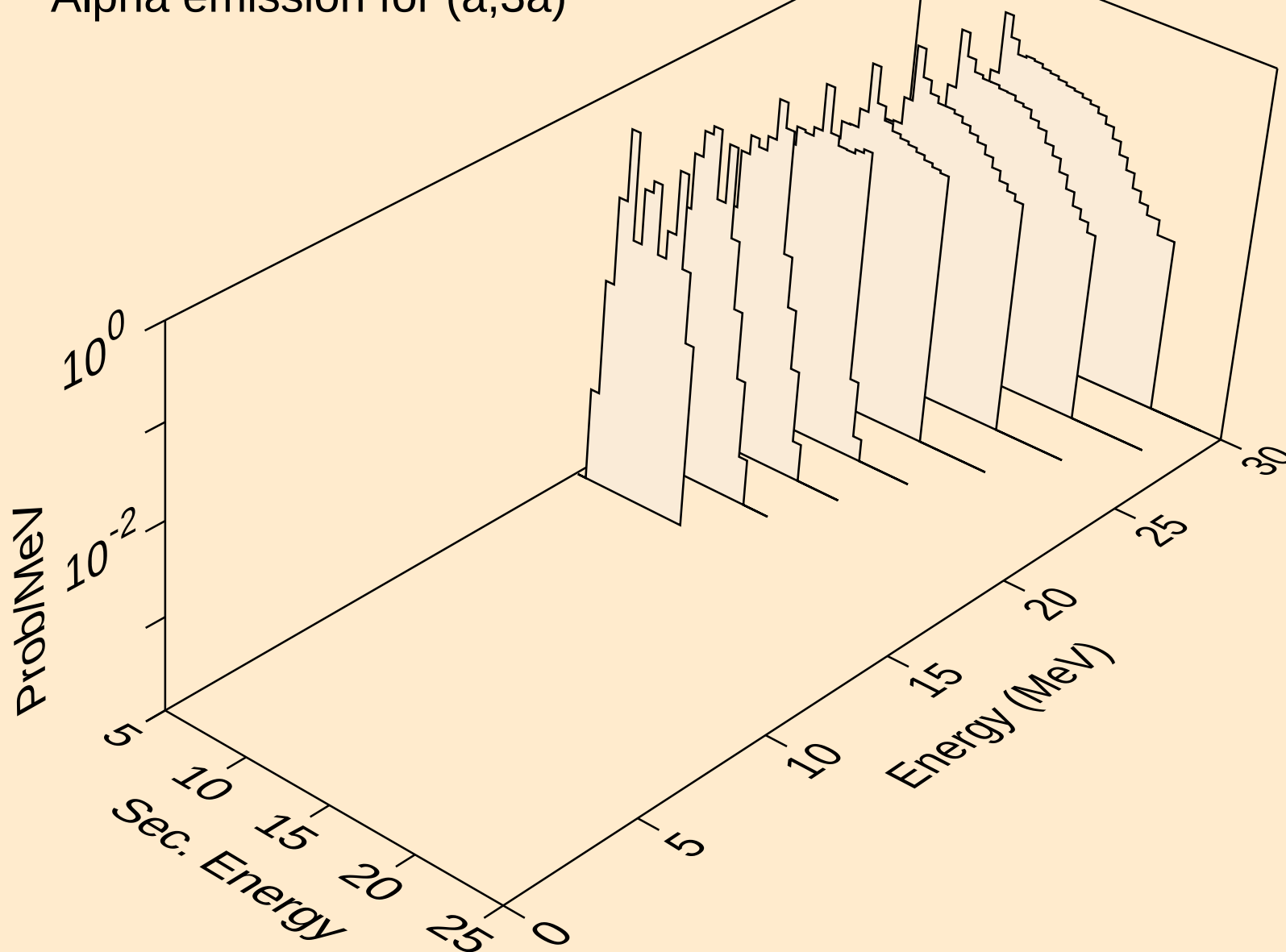
HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Alpha emission for (a,2a)

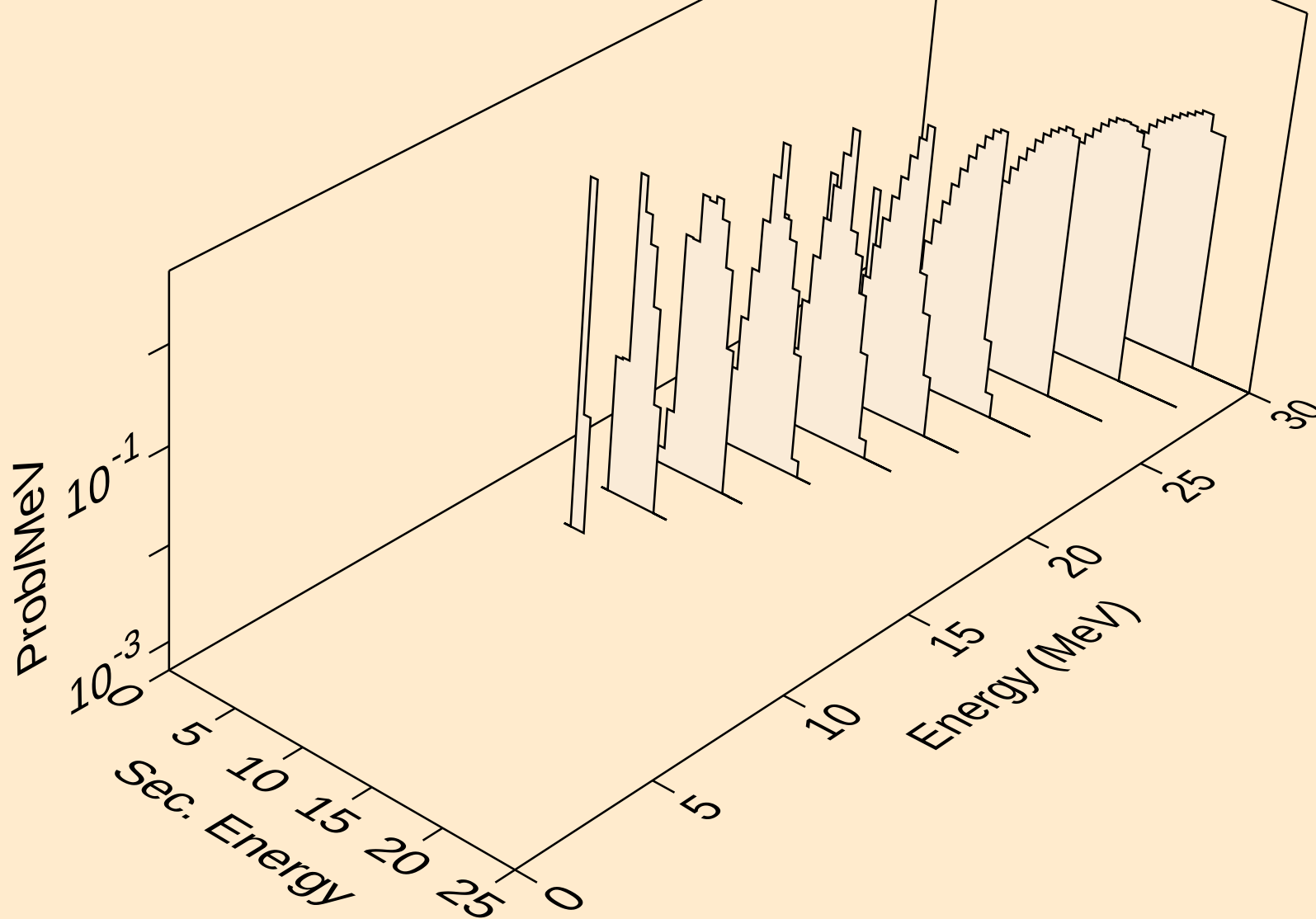


HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Alpha emission for (a,3a)

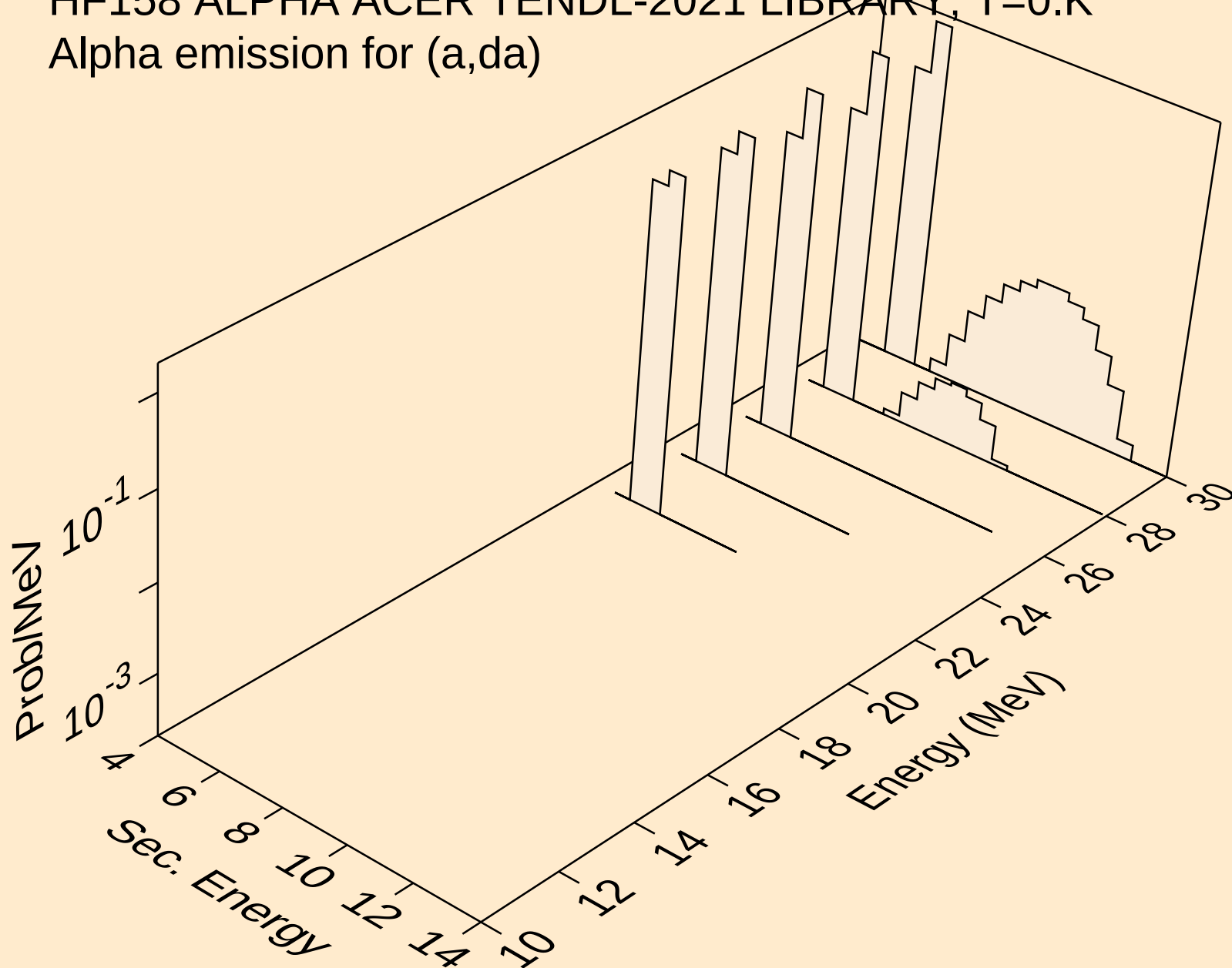


HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Alpha emission for (a,pa)

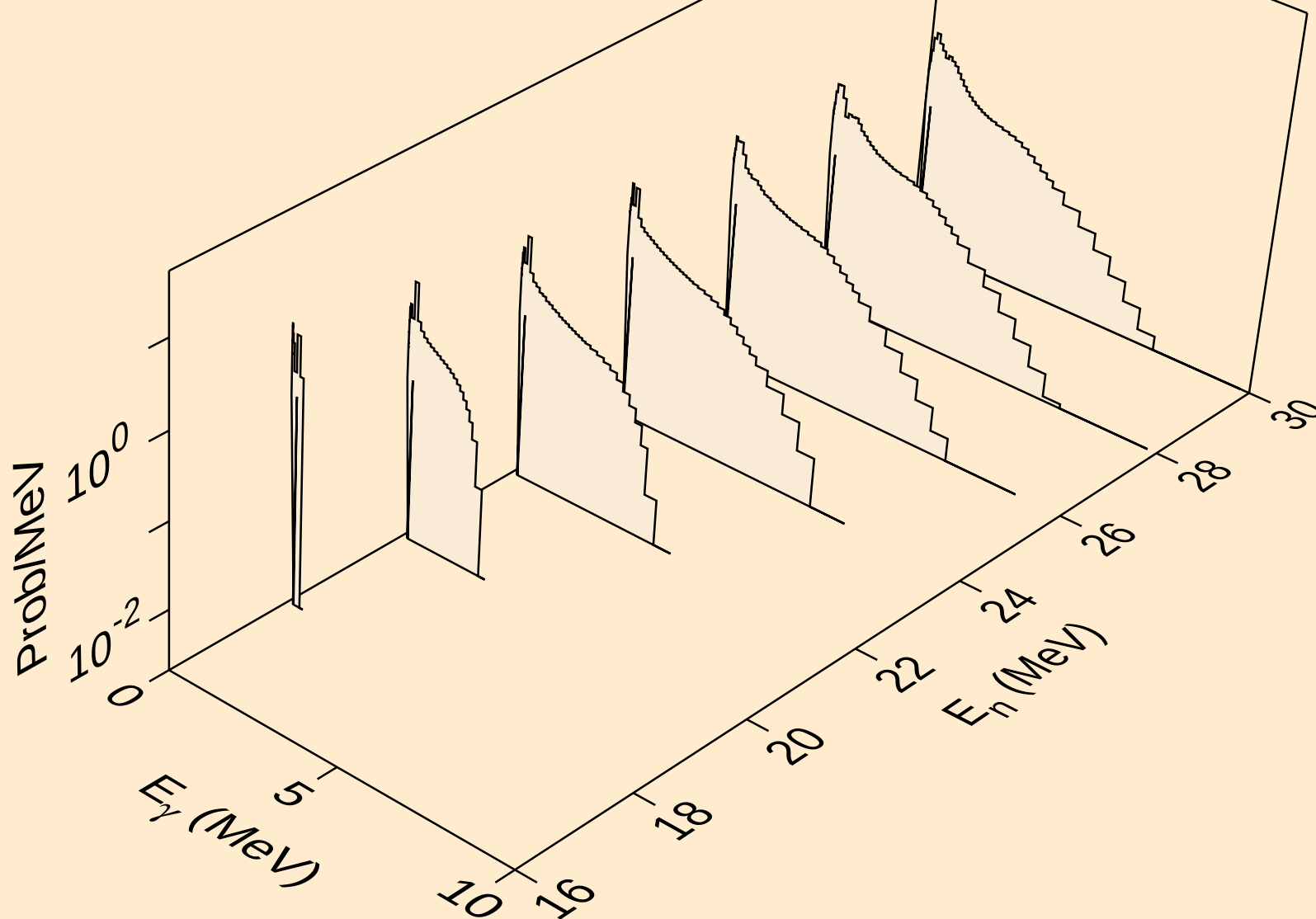


HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Alpha emission for (a,da)

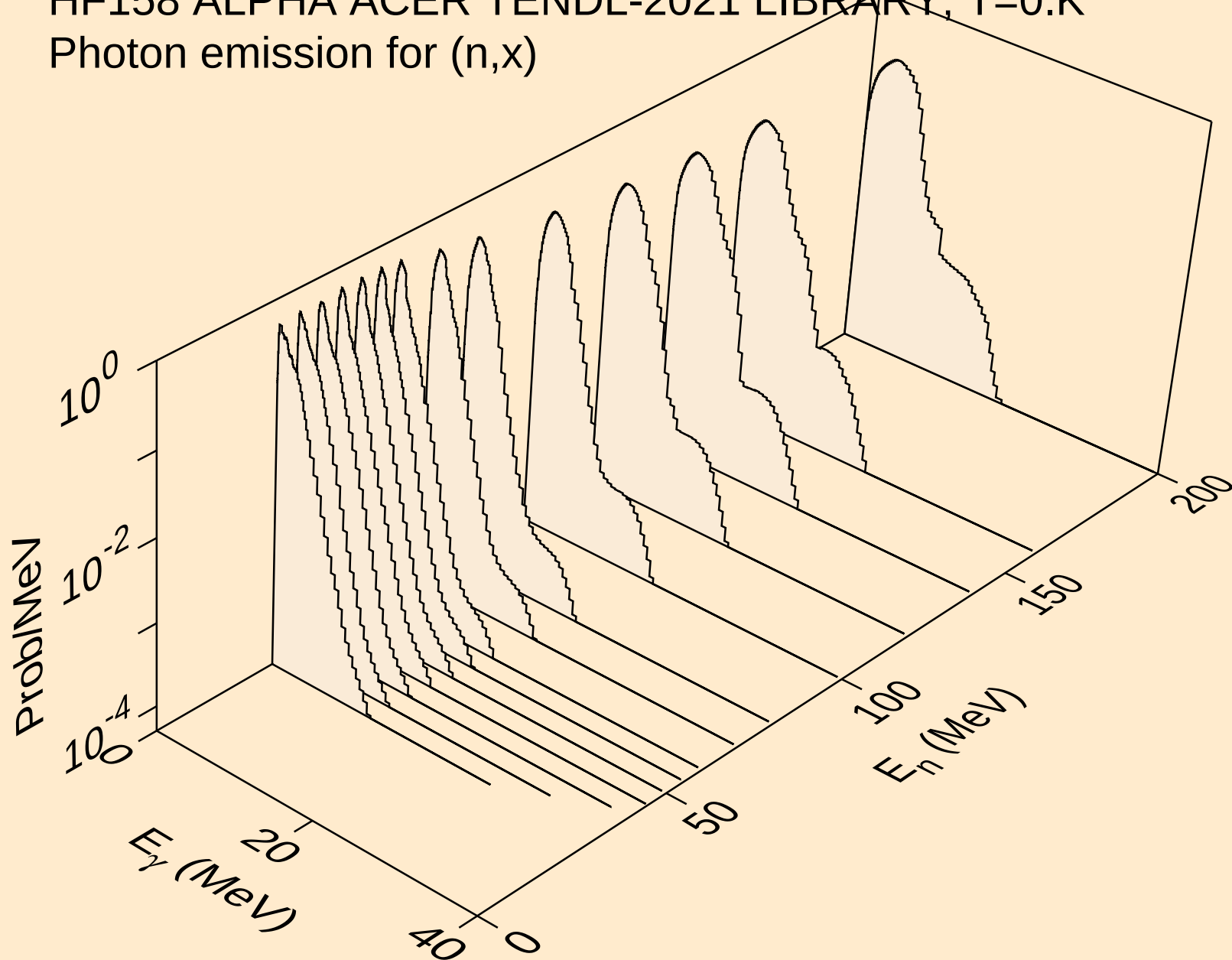


HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (z,n)



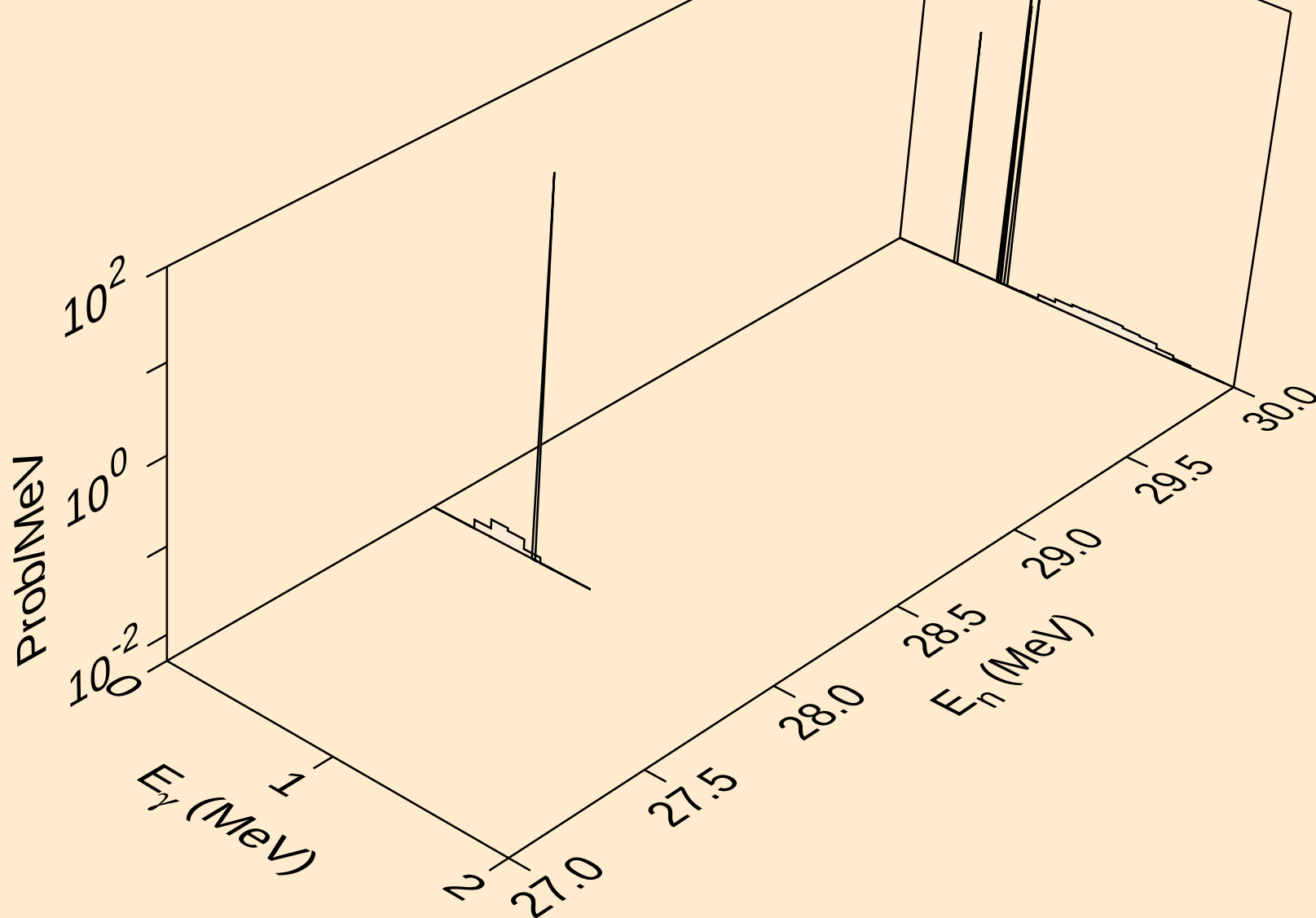
HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,x)



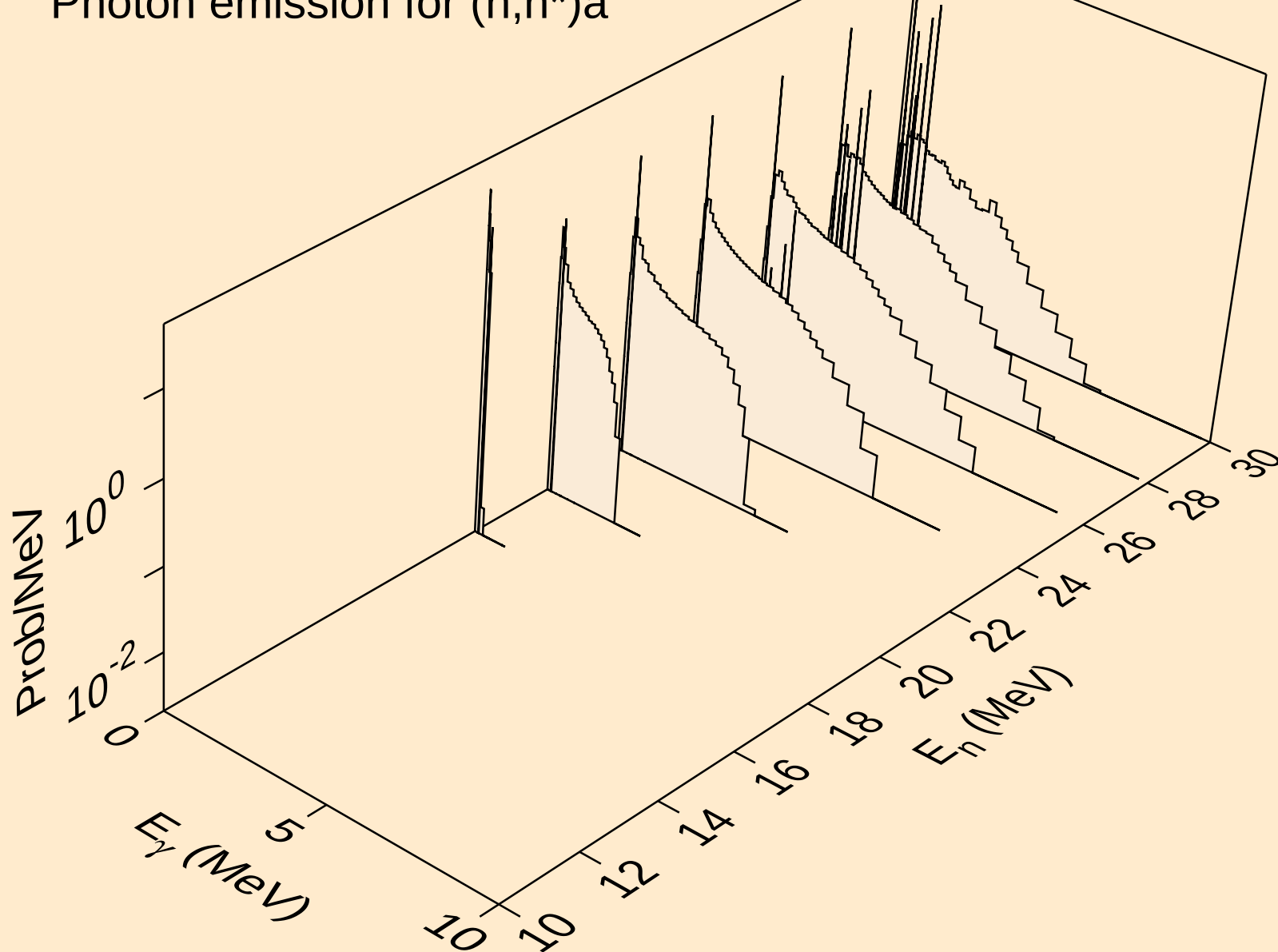
HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,2n)



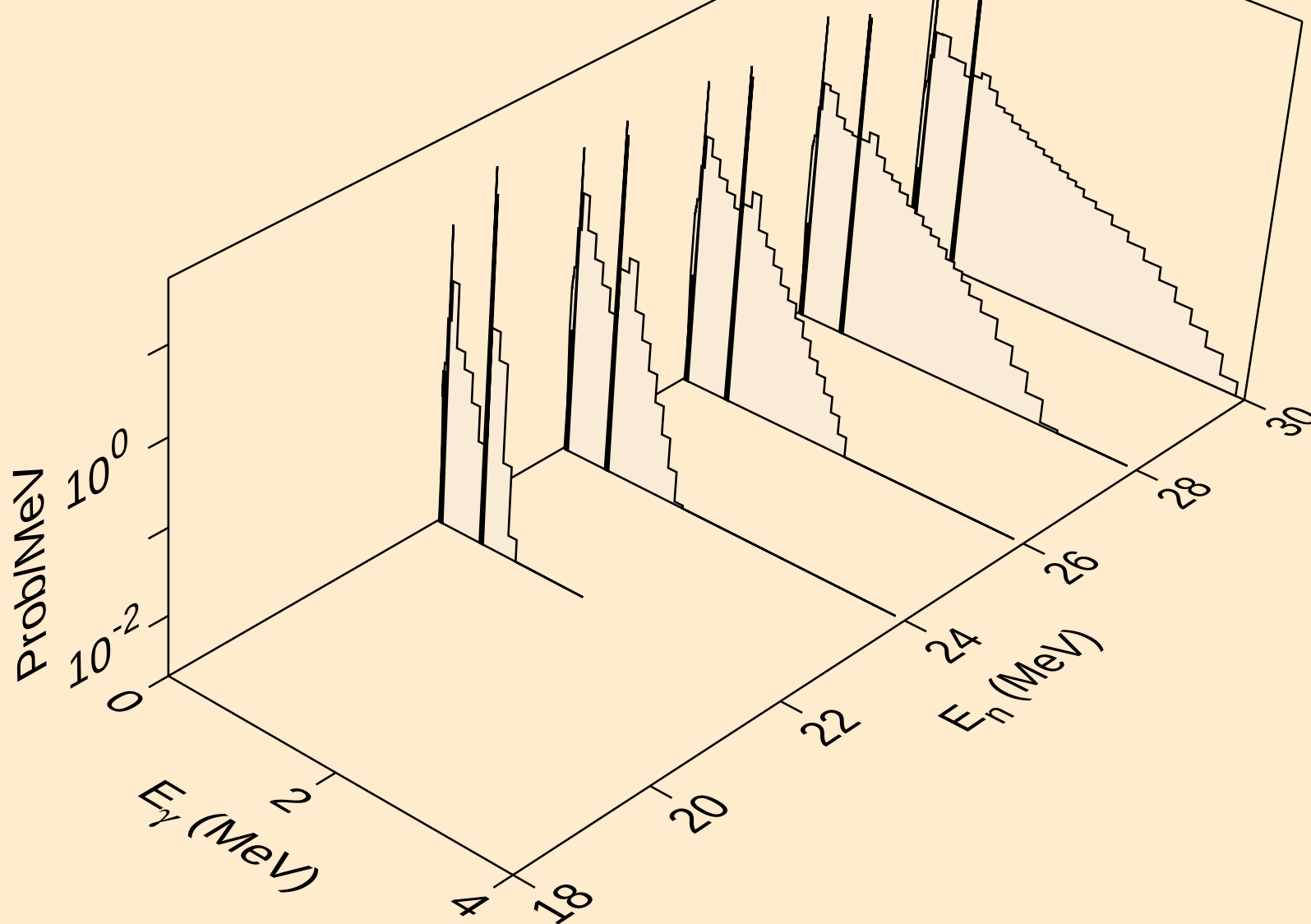
HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,n*)a



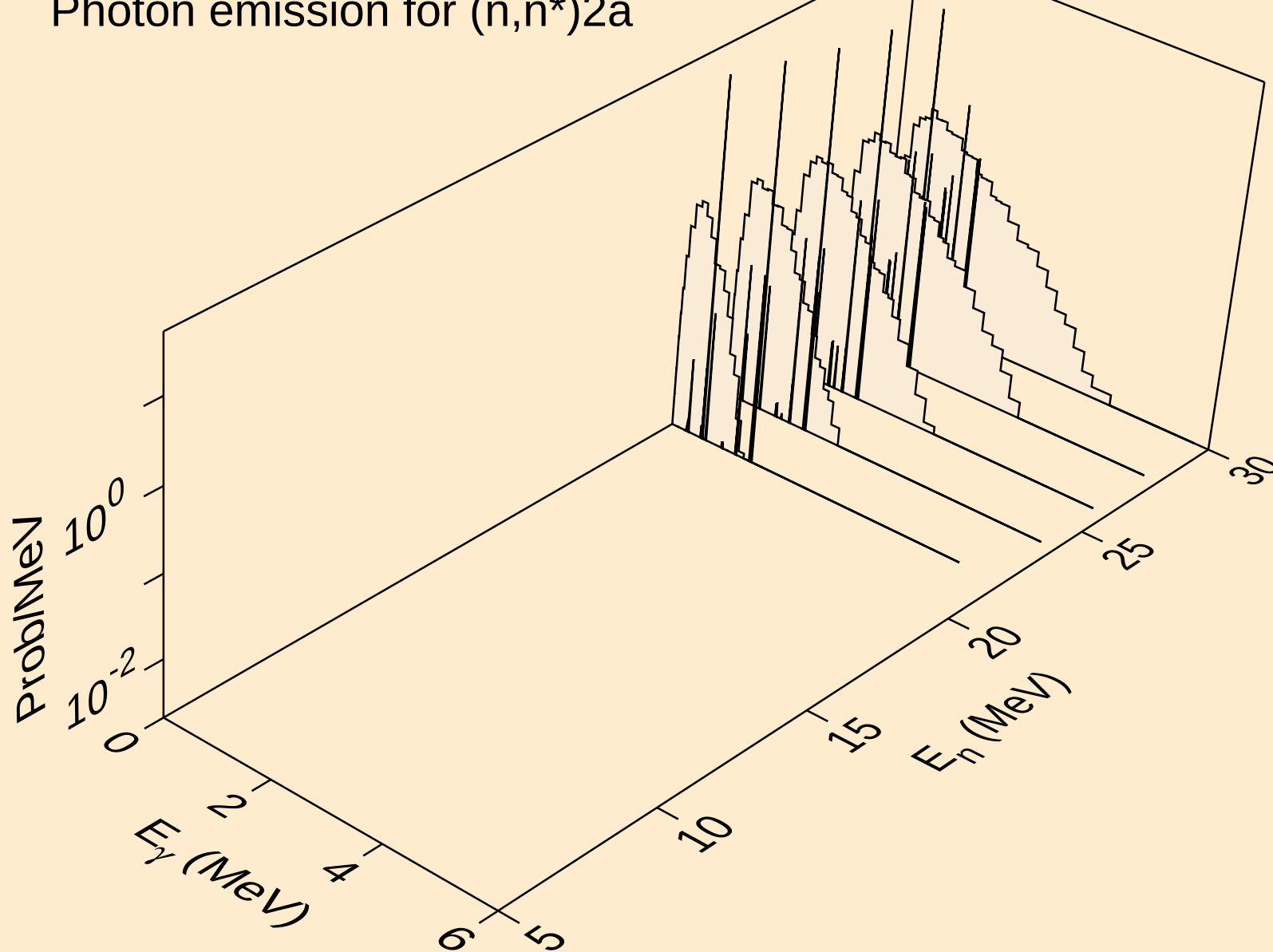
HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,n*)p

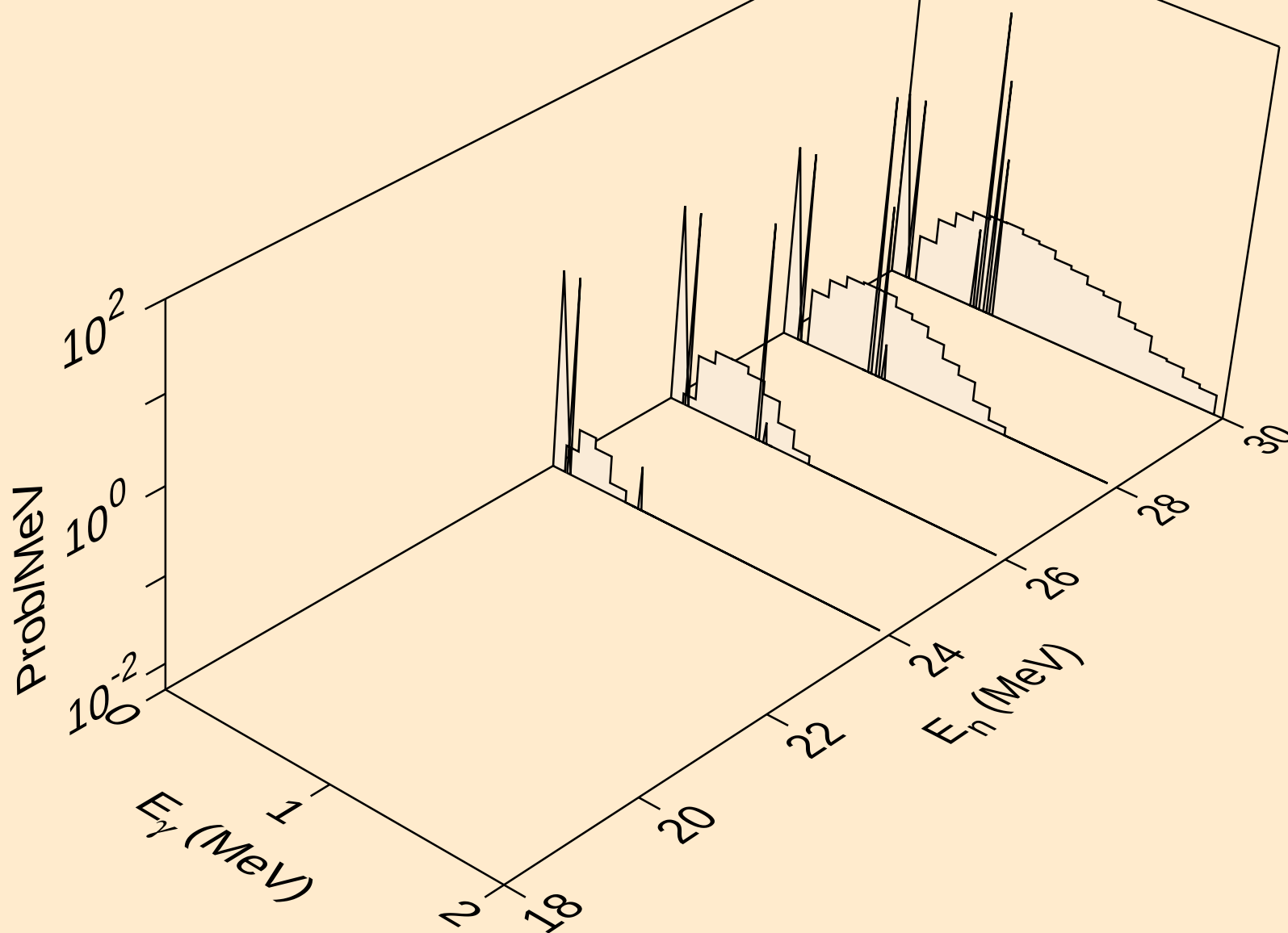


HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

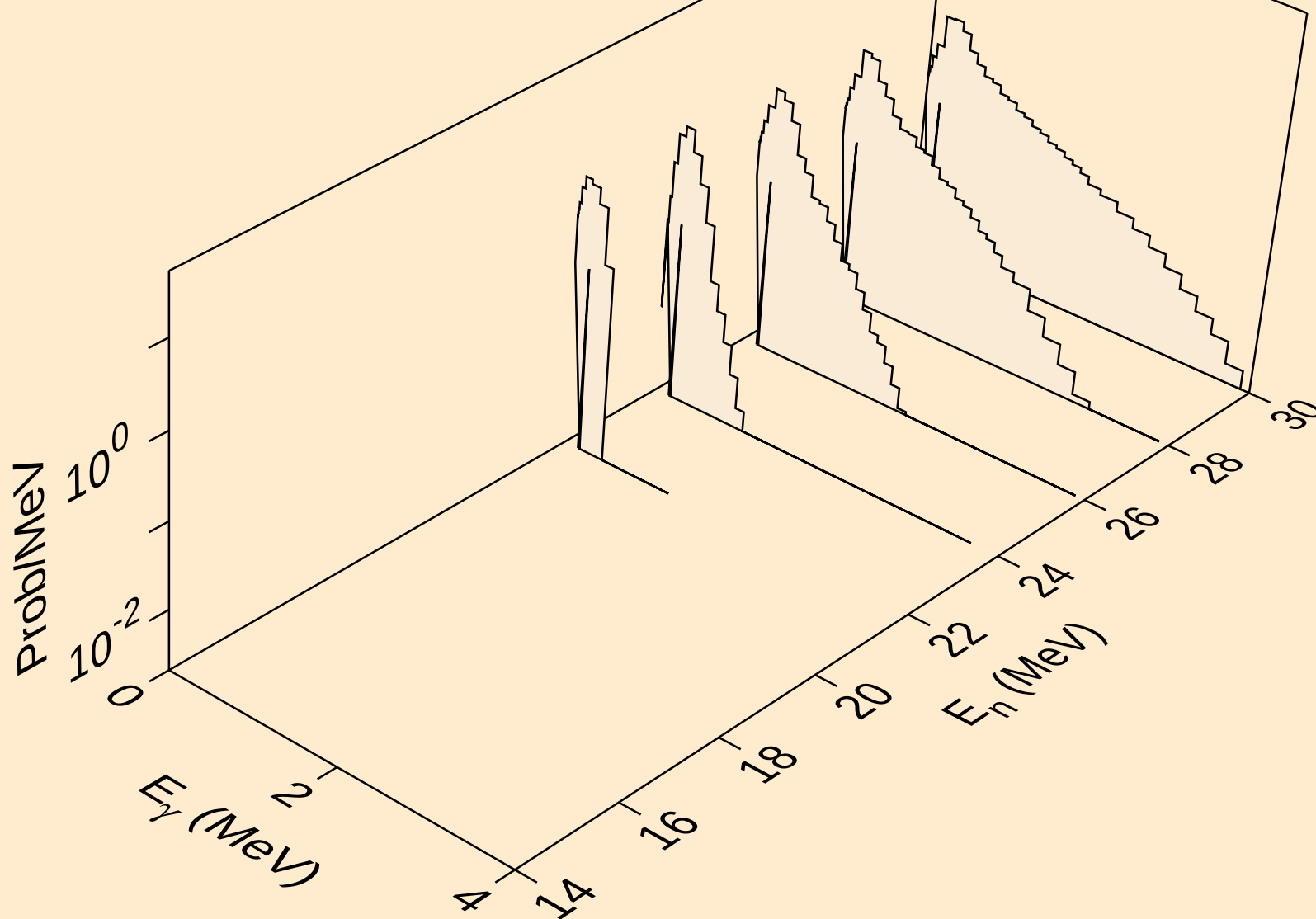
Photon emission for (n,n*)2a



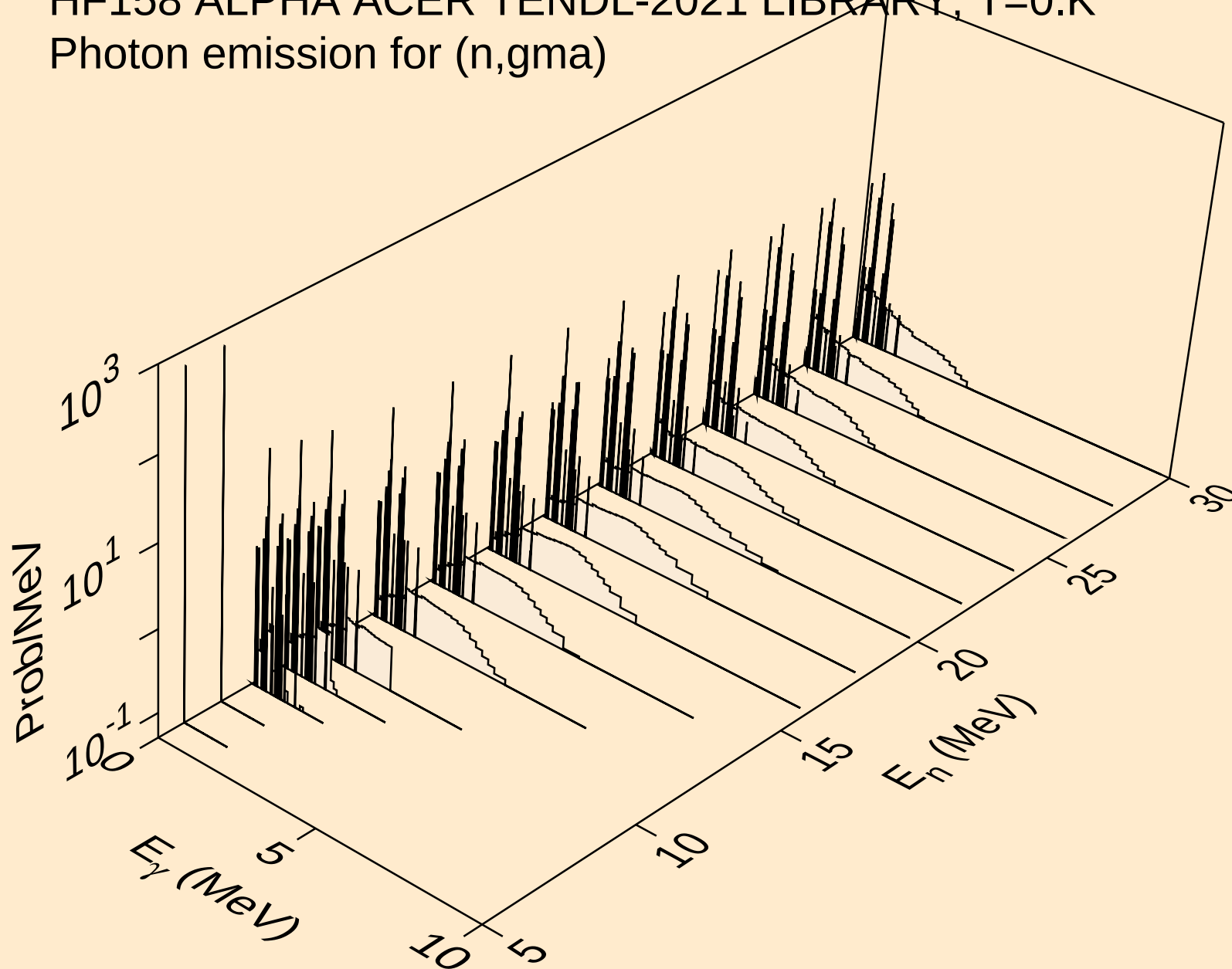
HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2np)



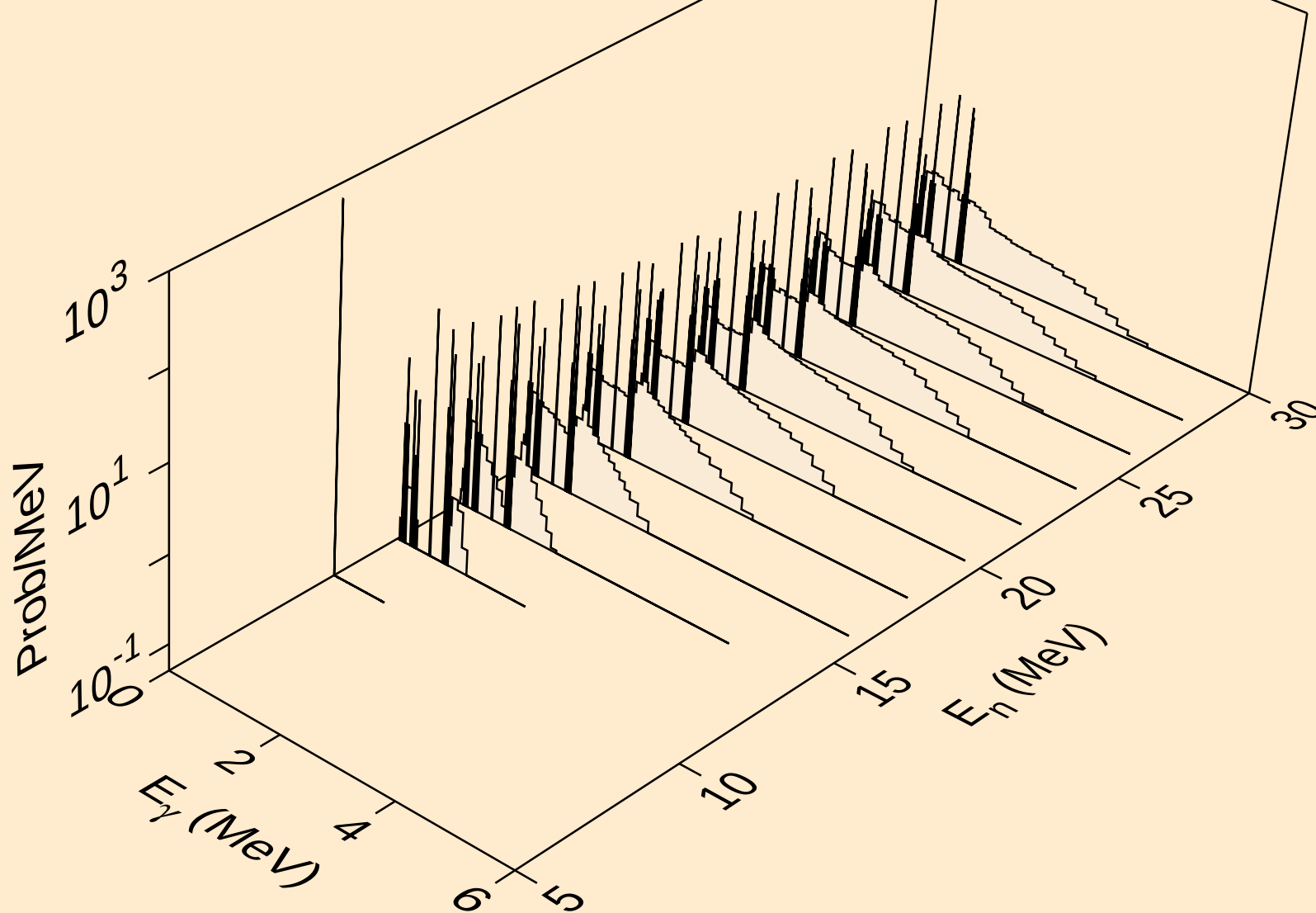
HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,npa)



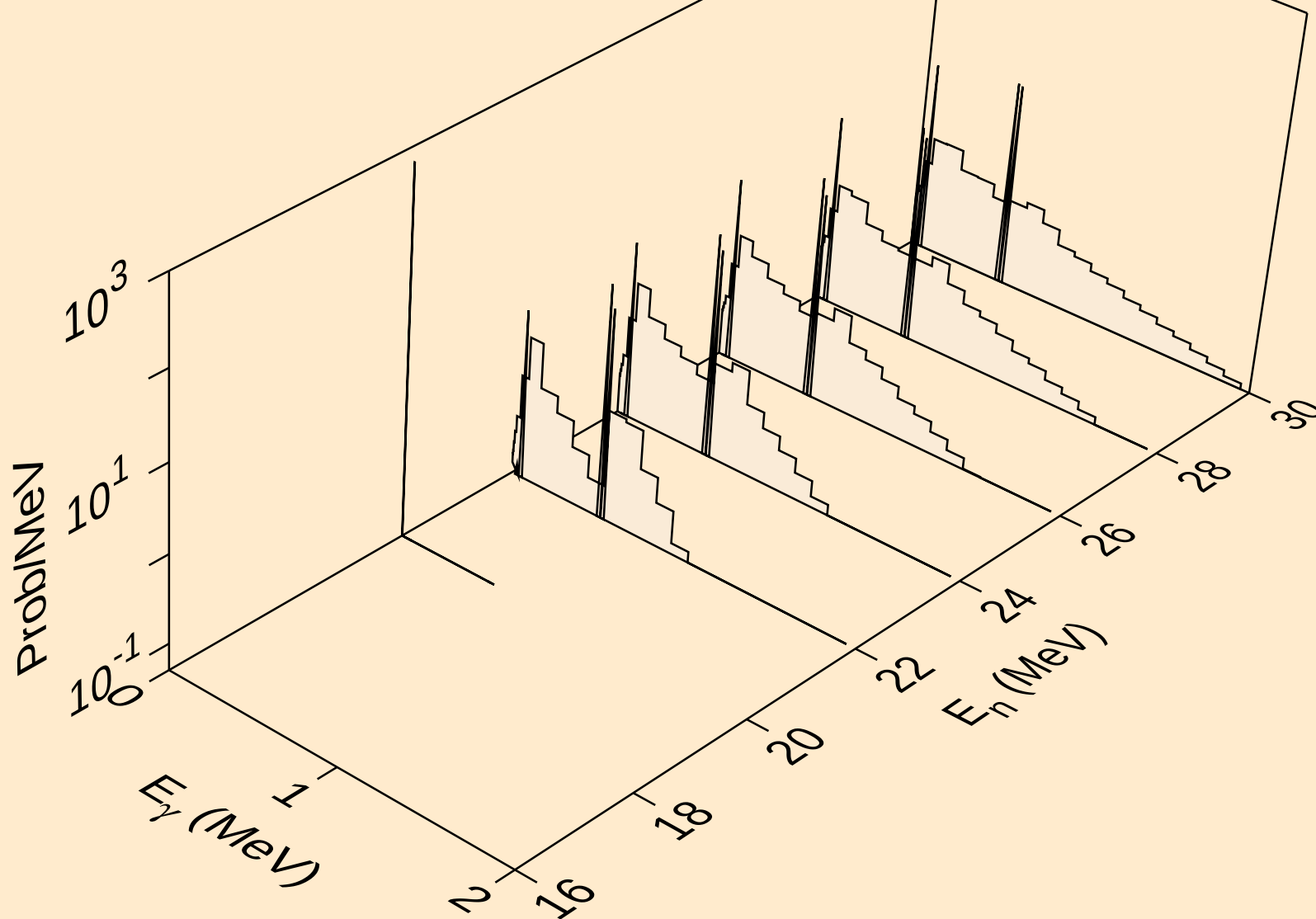
HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,gma)



HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,p)

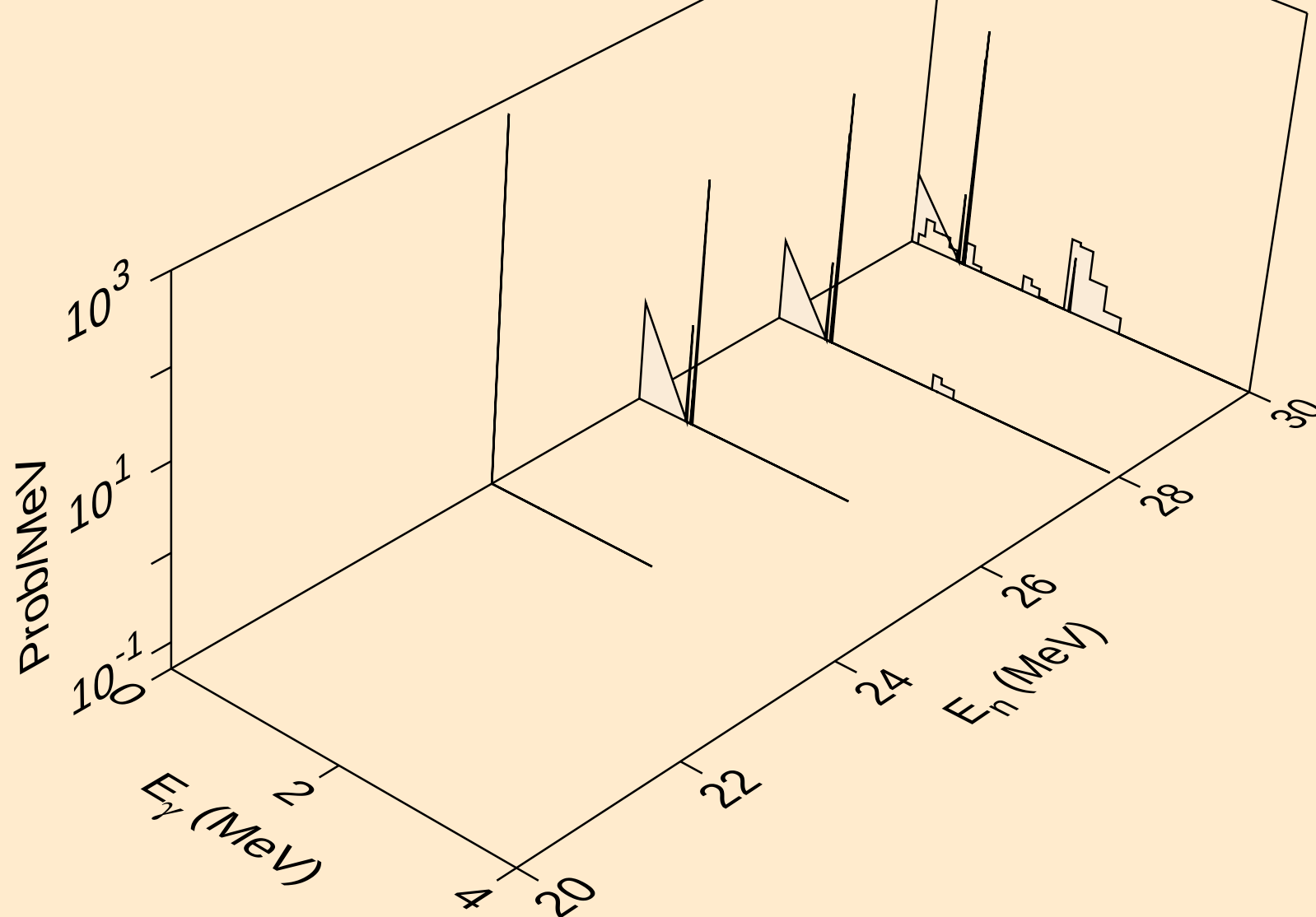


HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,d)

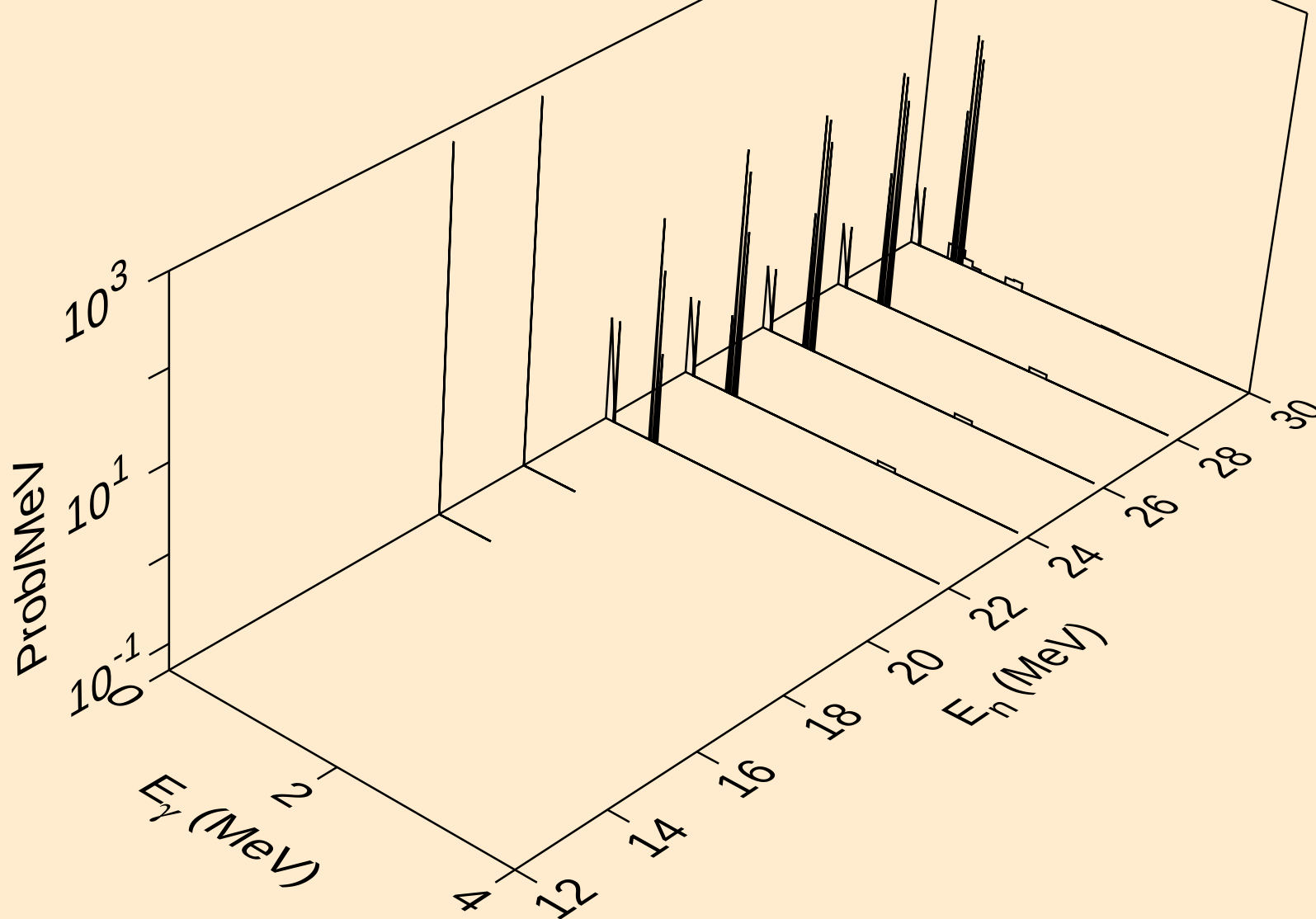


HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

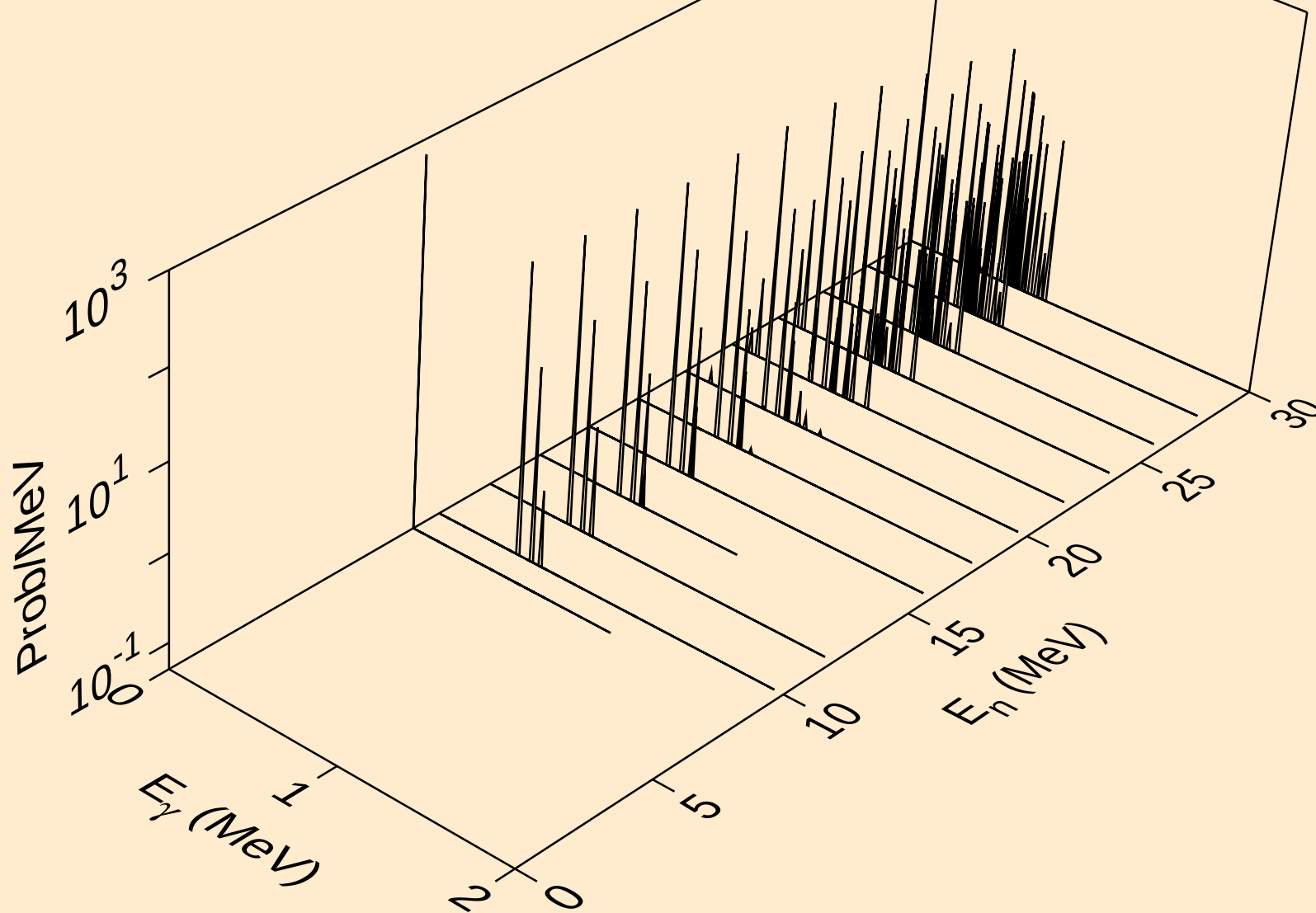
Photon emission for (n,t)



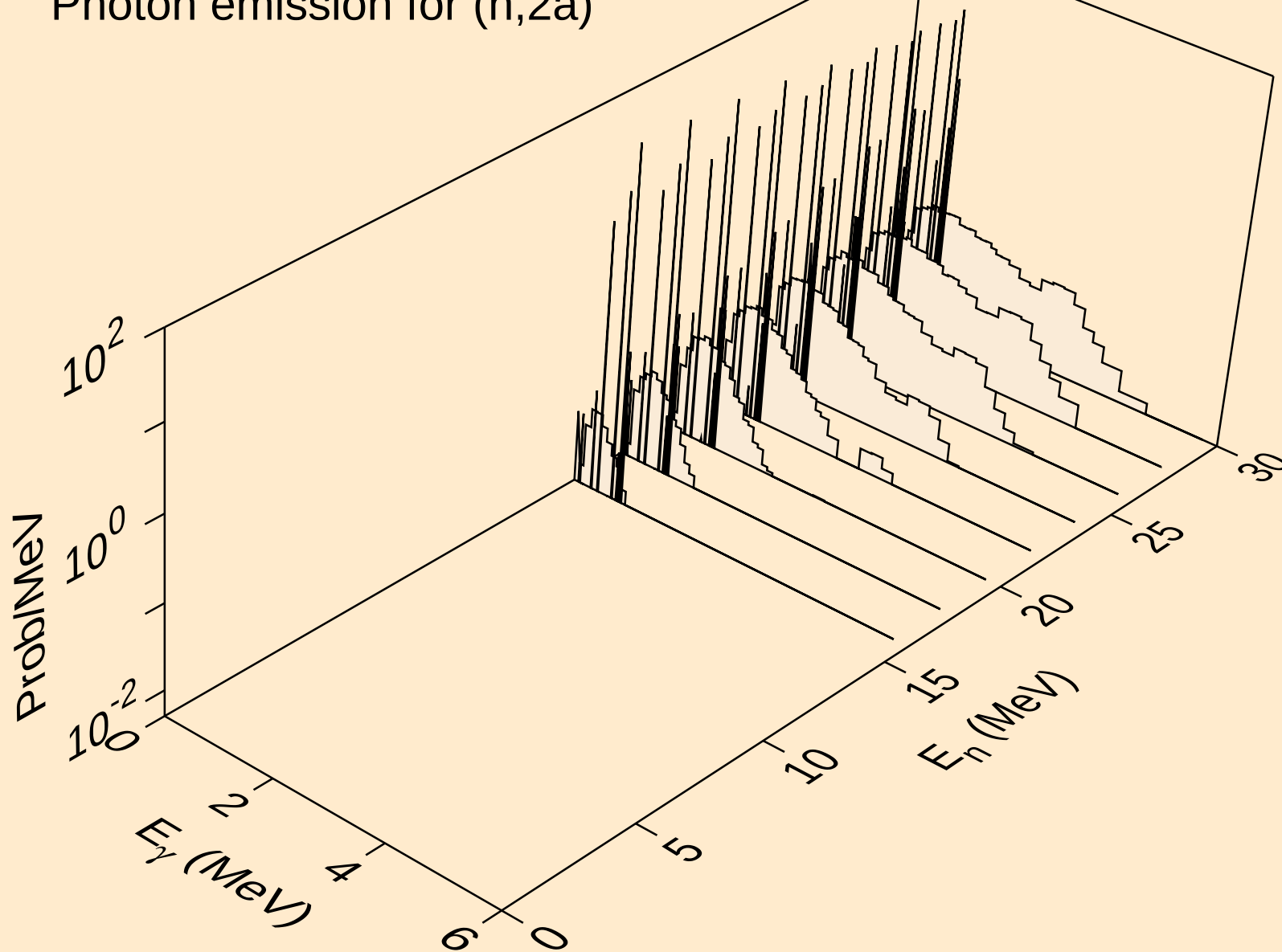
HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,he3)



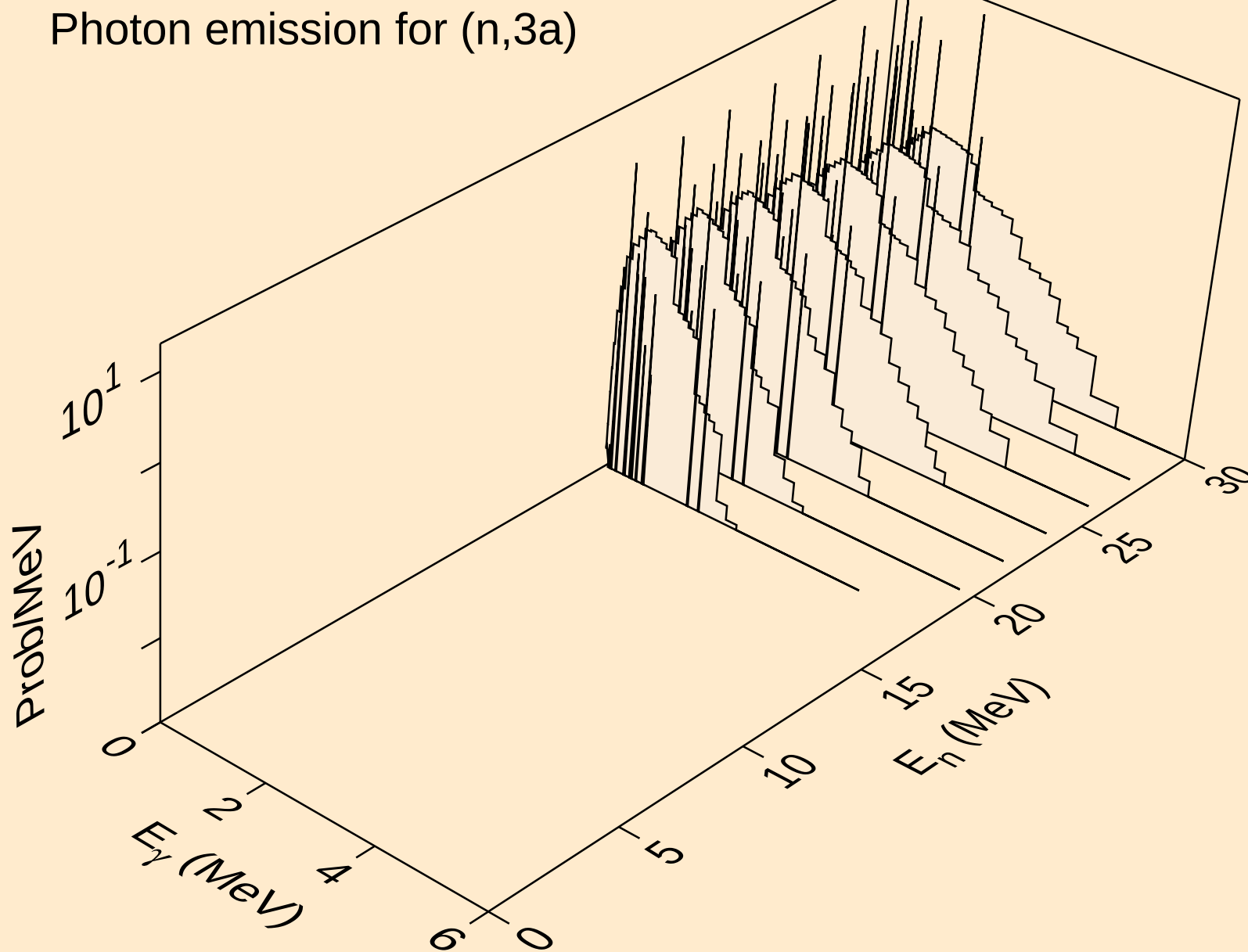
HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for inelastic



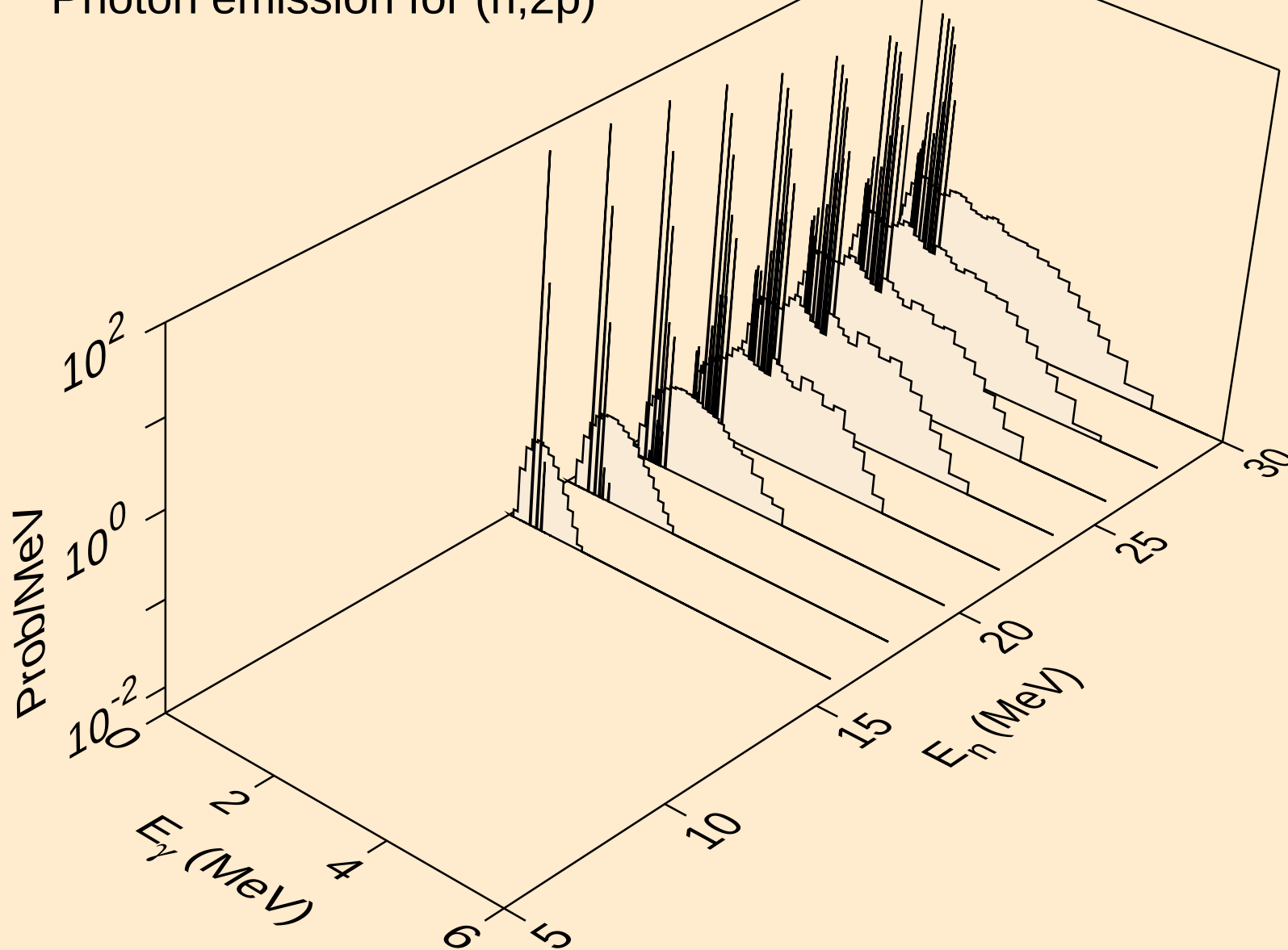
HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2a)



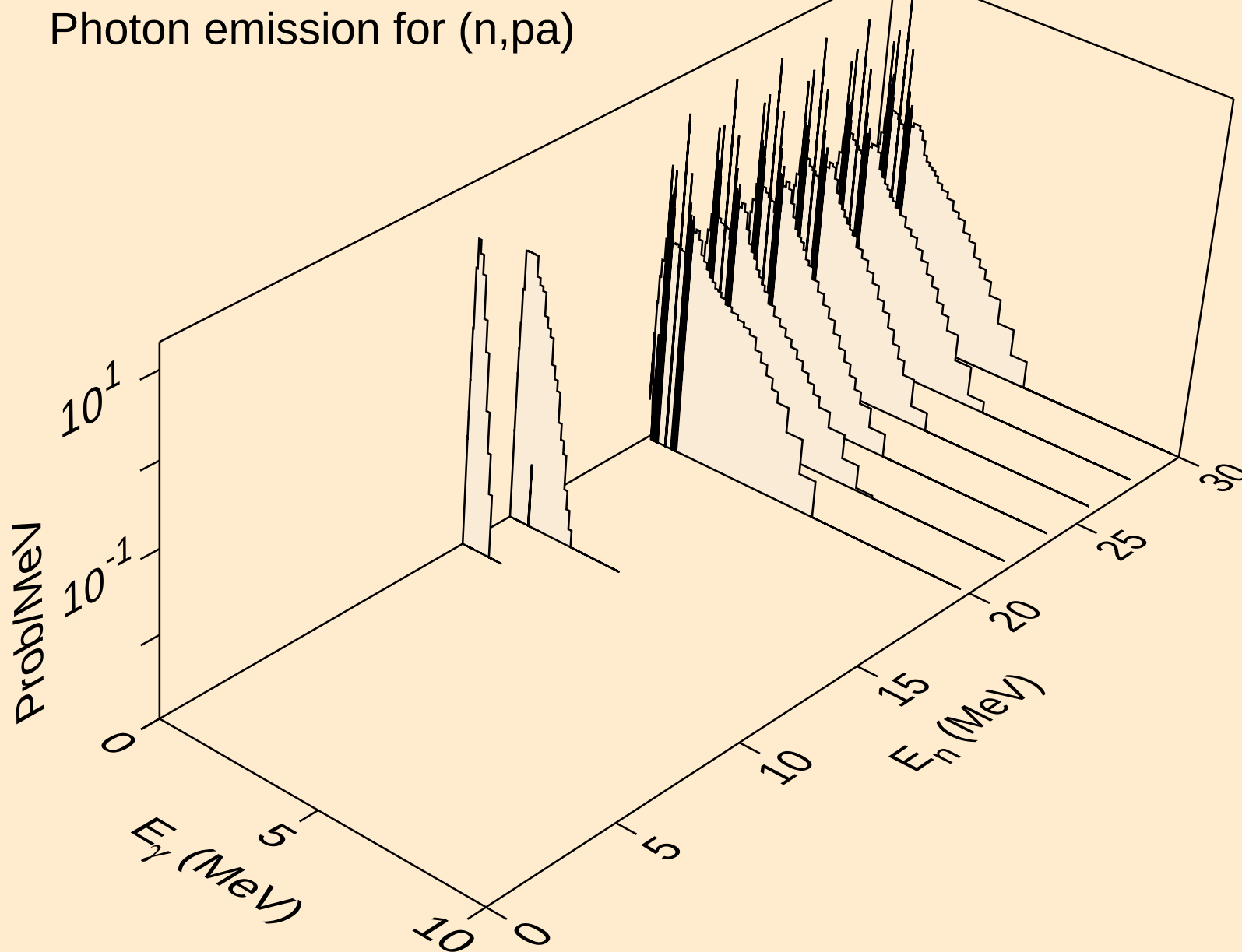
HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,3a)



HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2p)

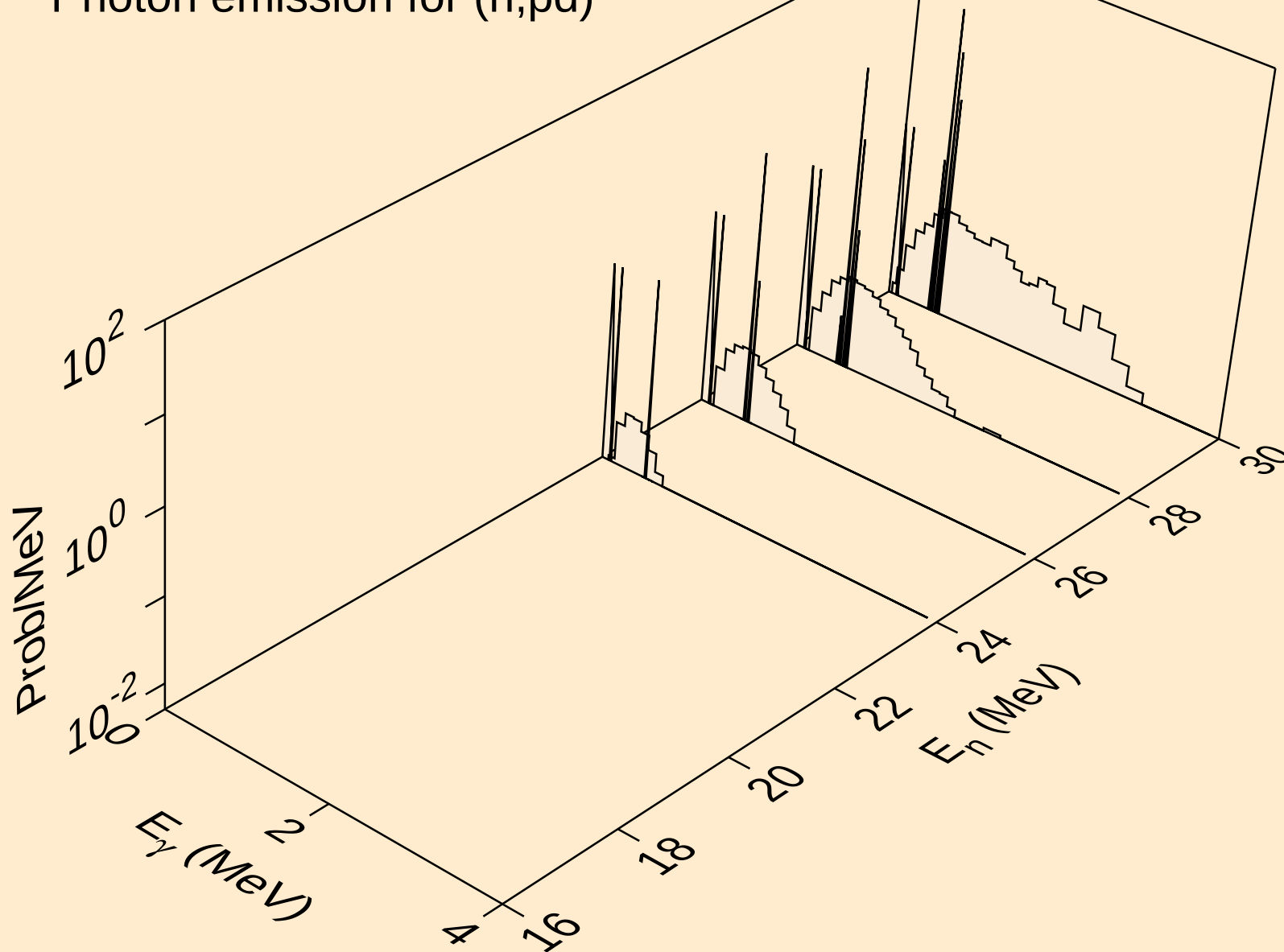


HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,p α)



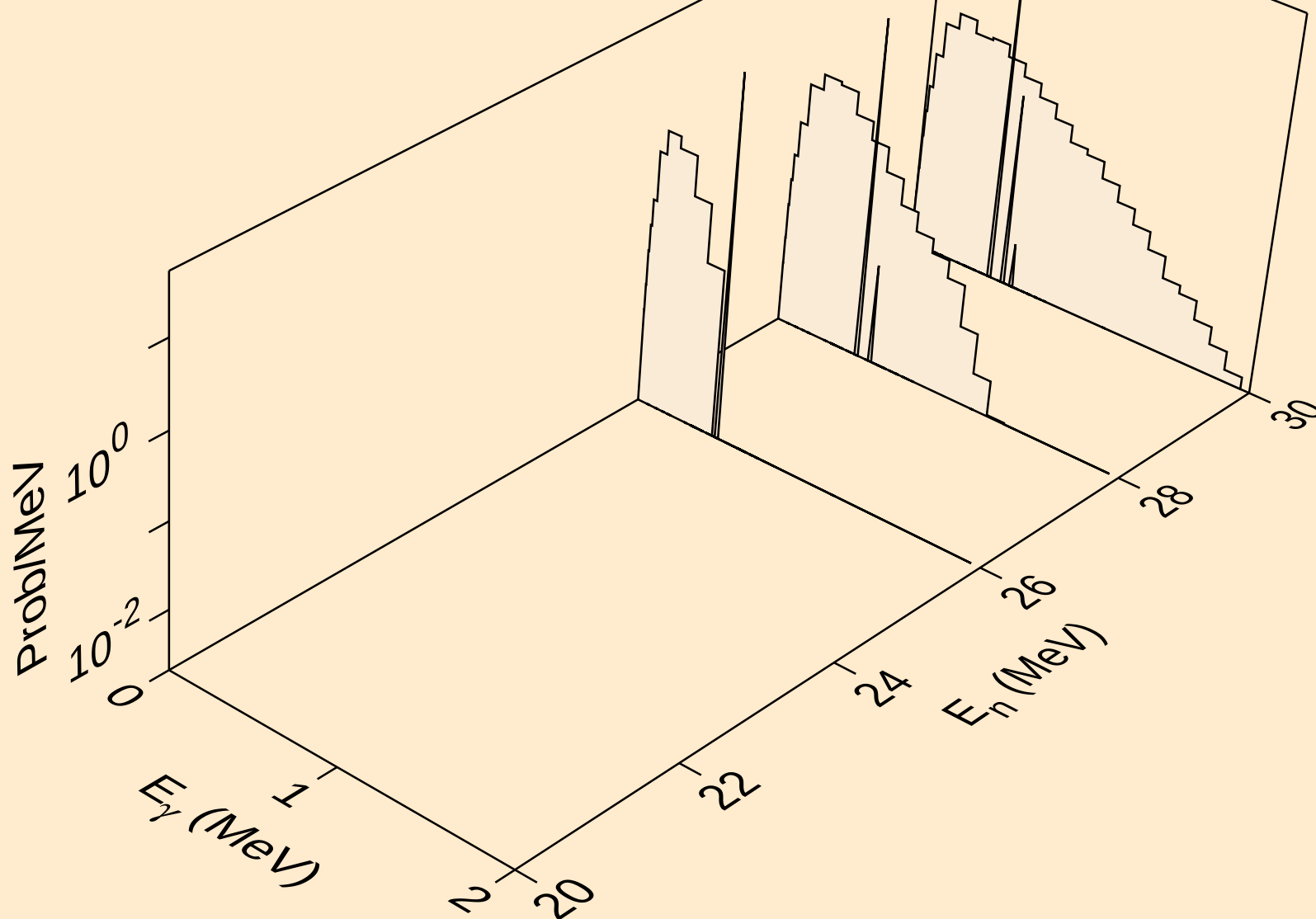
HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,pd)

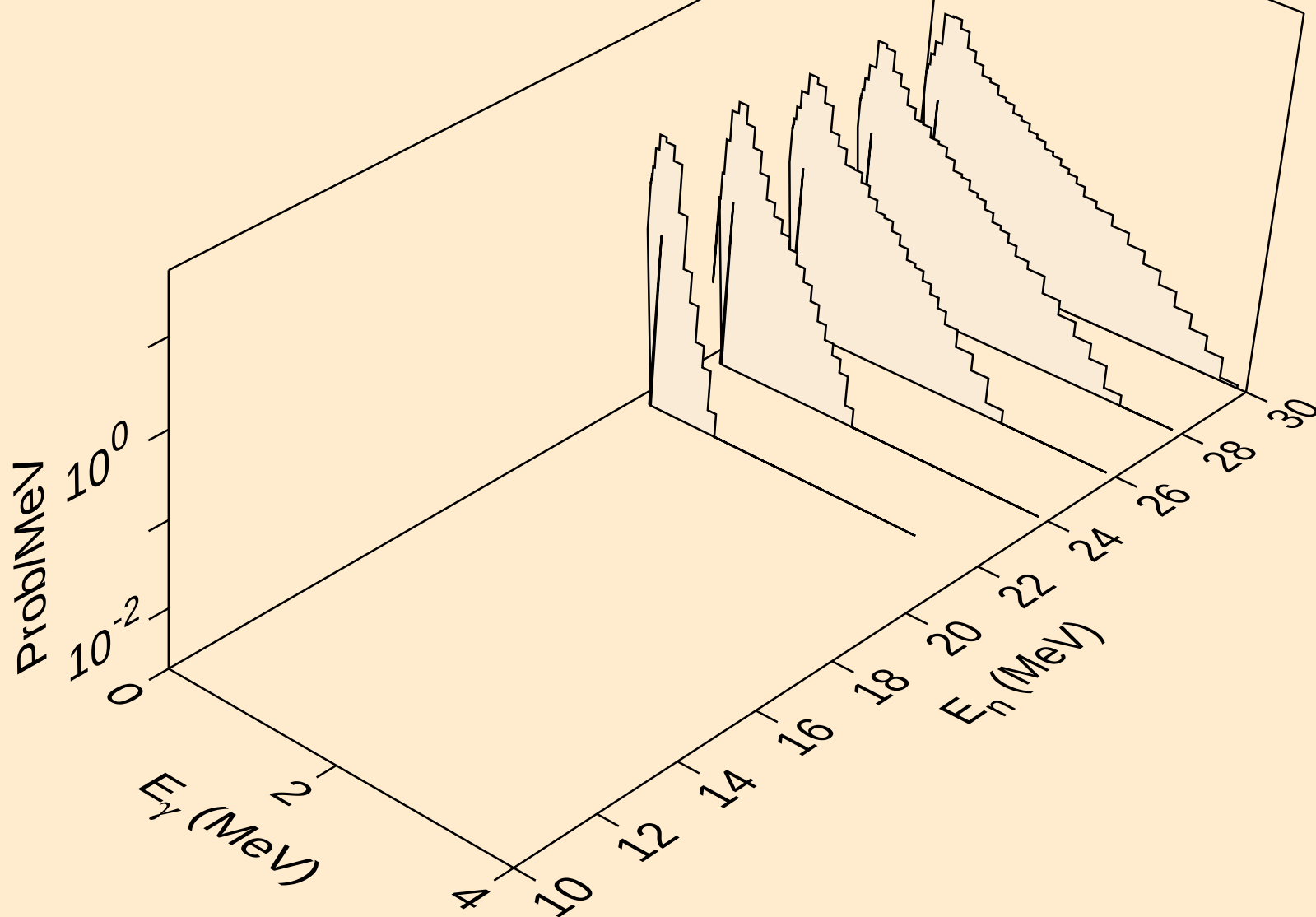


HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,pt)

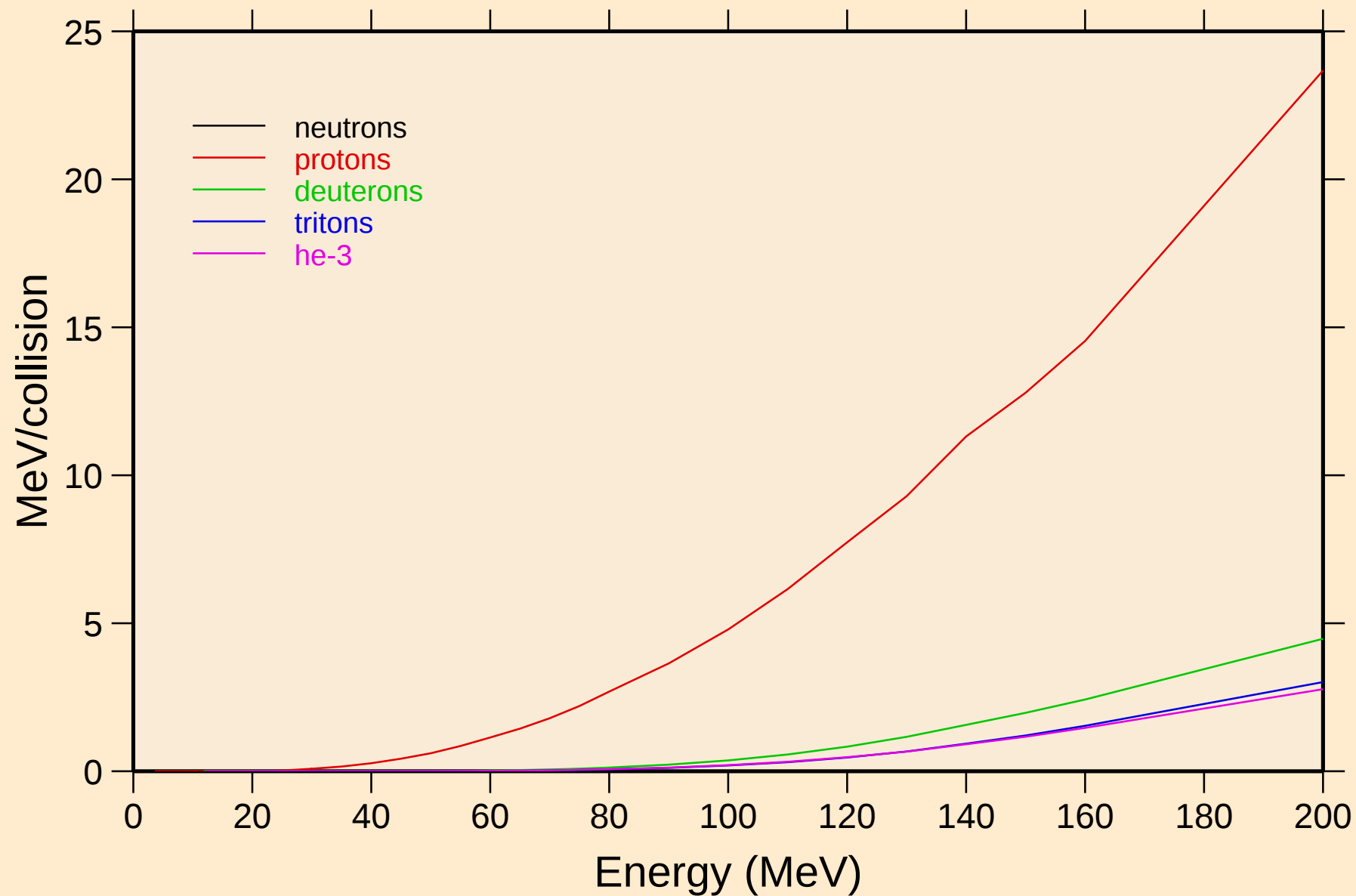


HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,da)



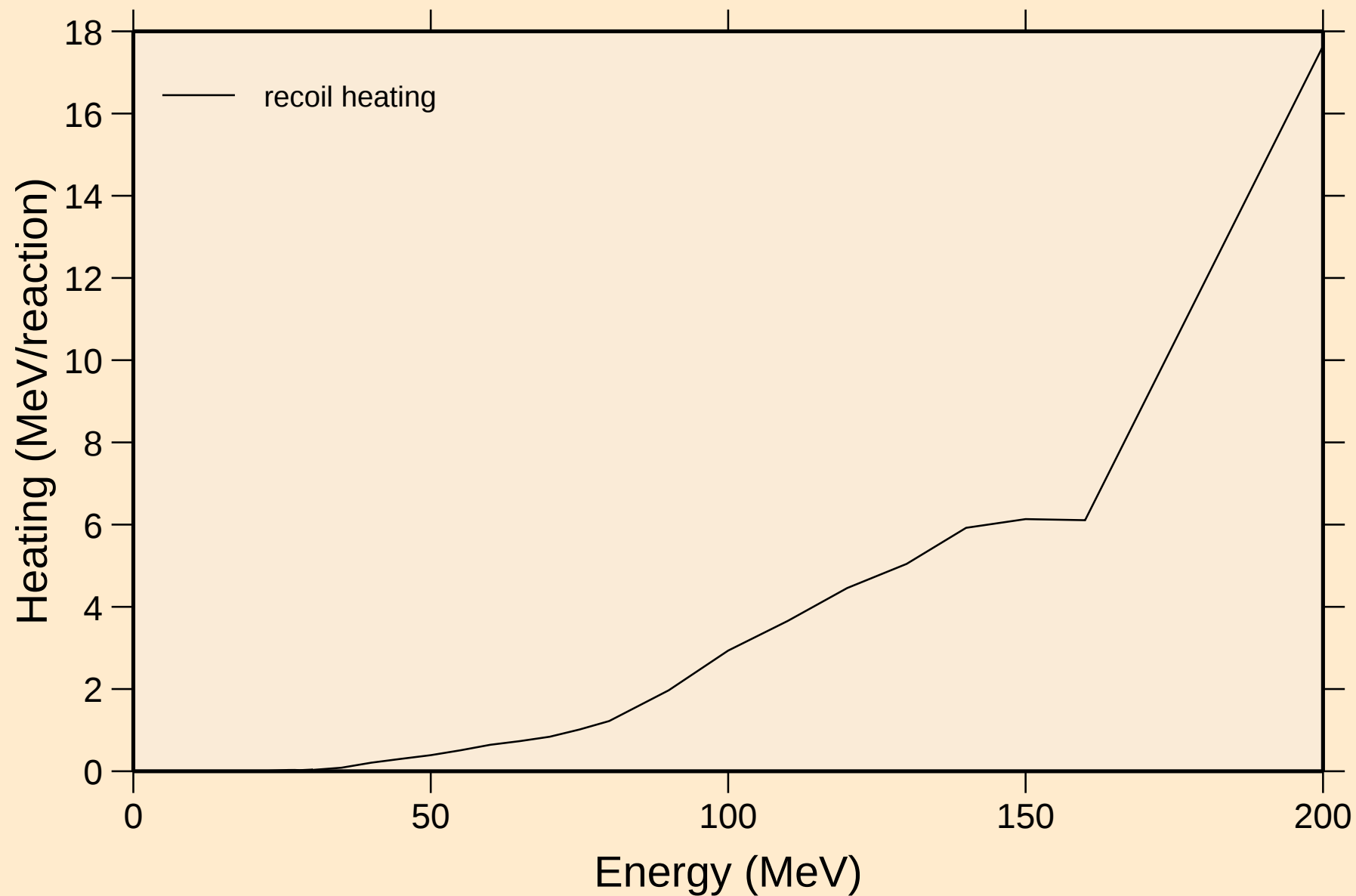
HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Particle heating contributions



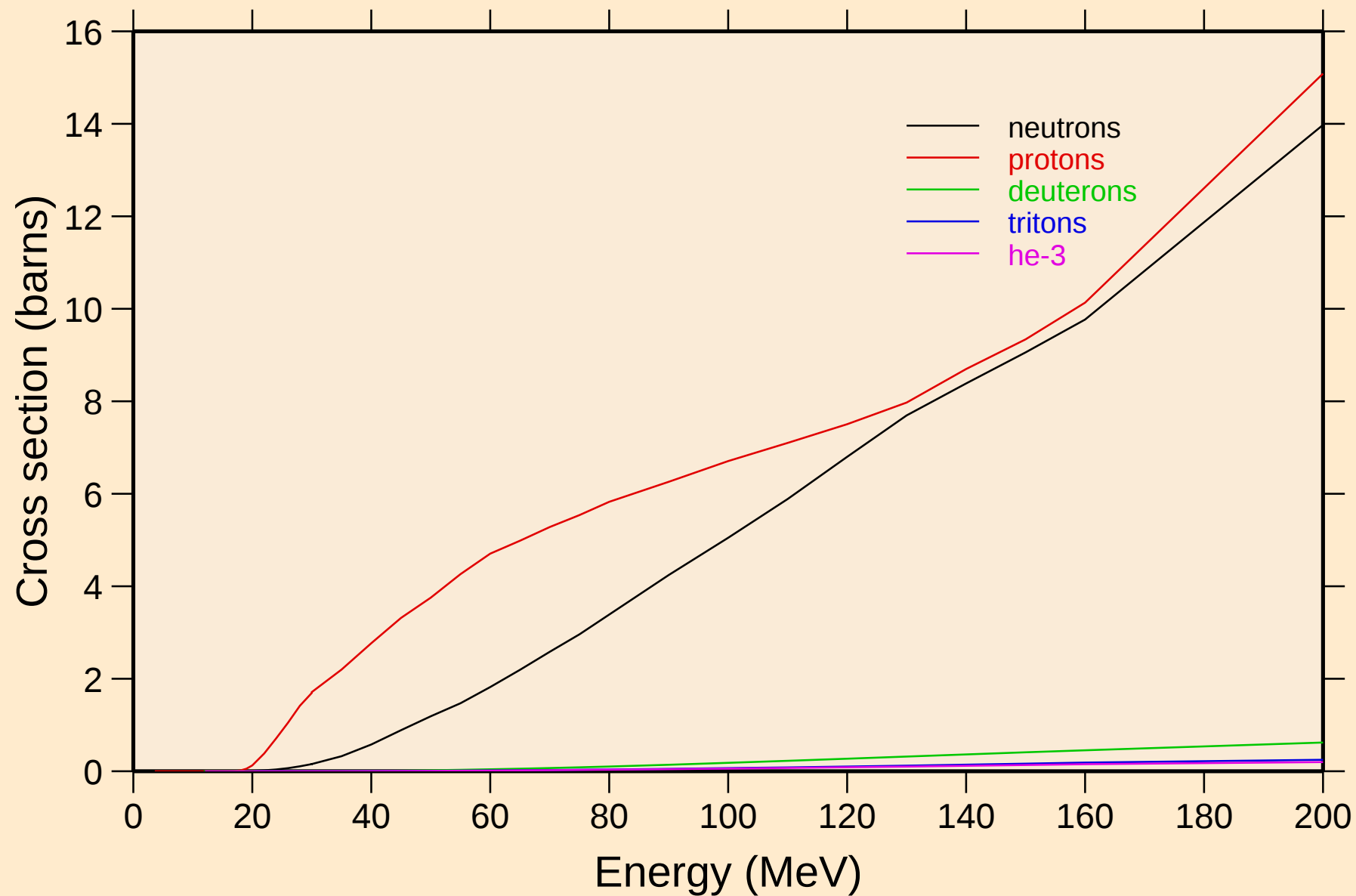
HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Recoil Heating

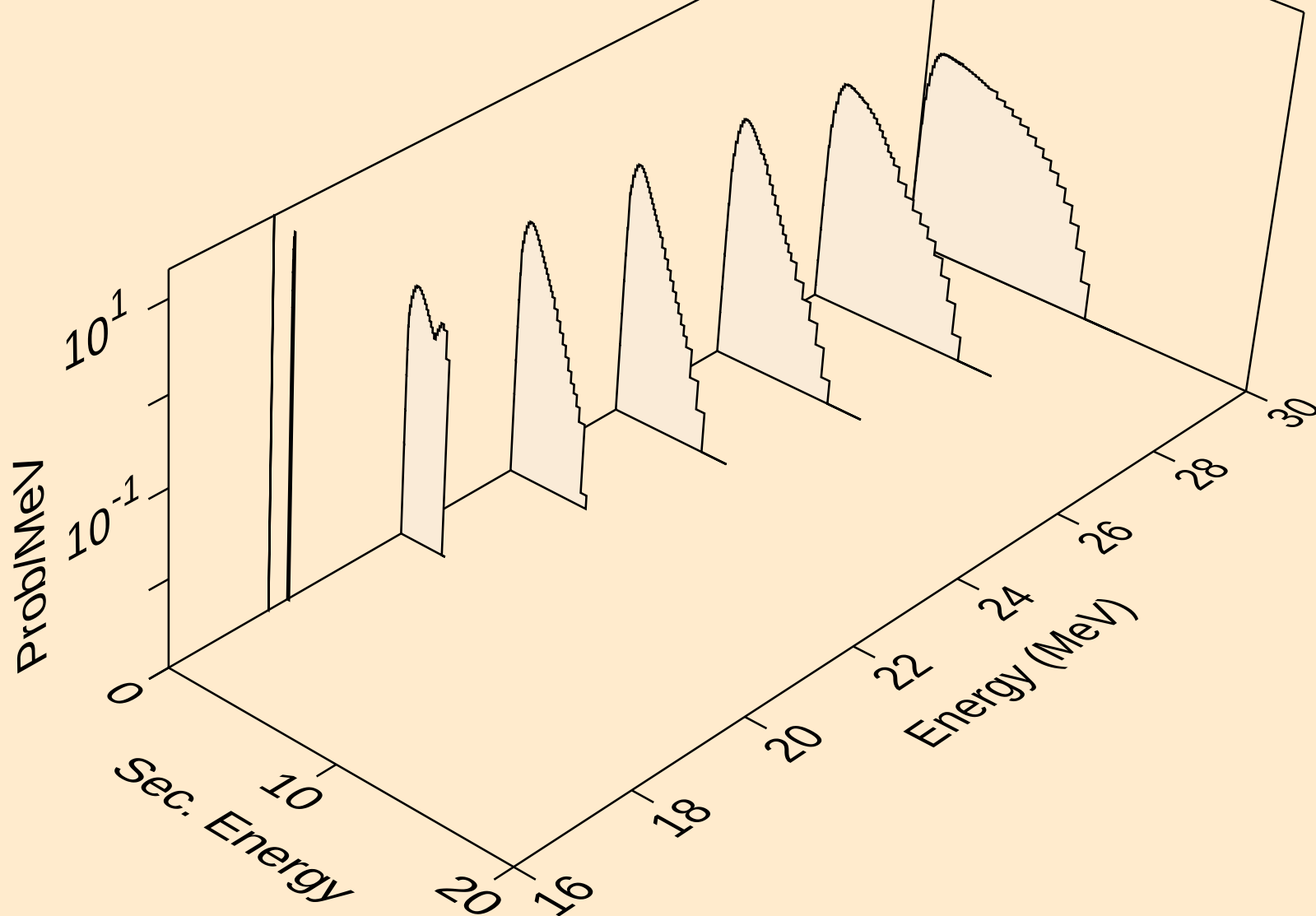


HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

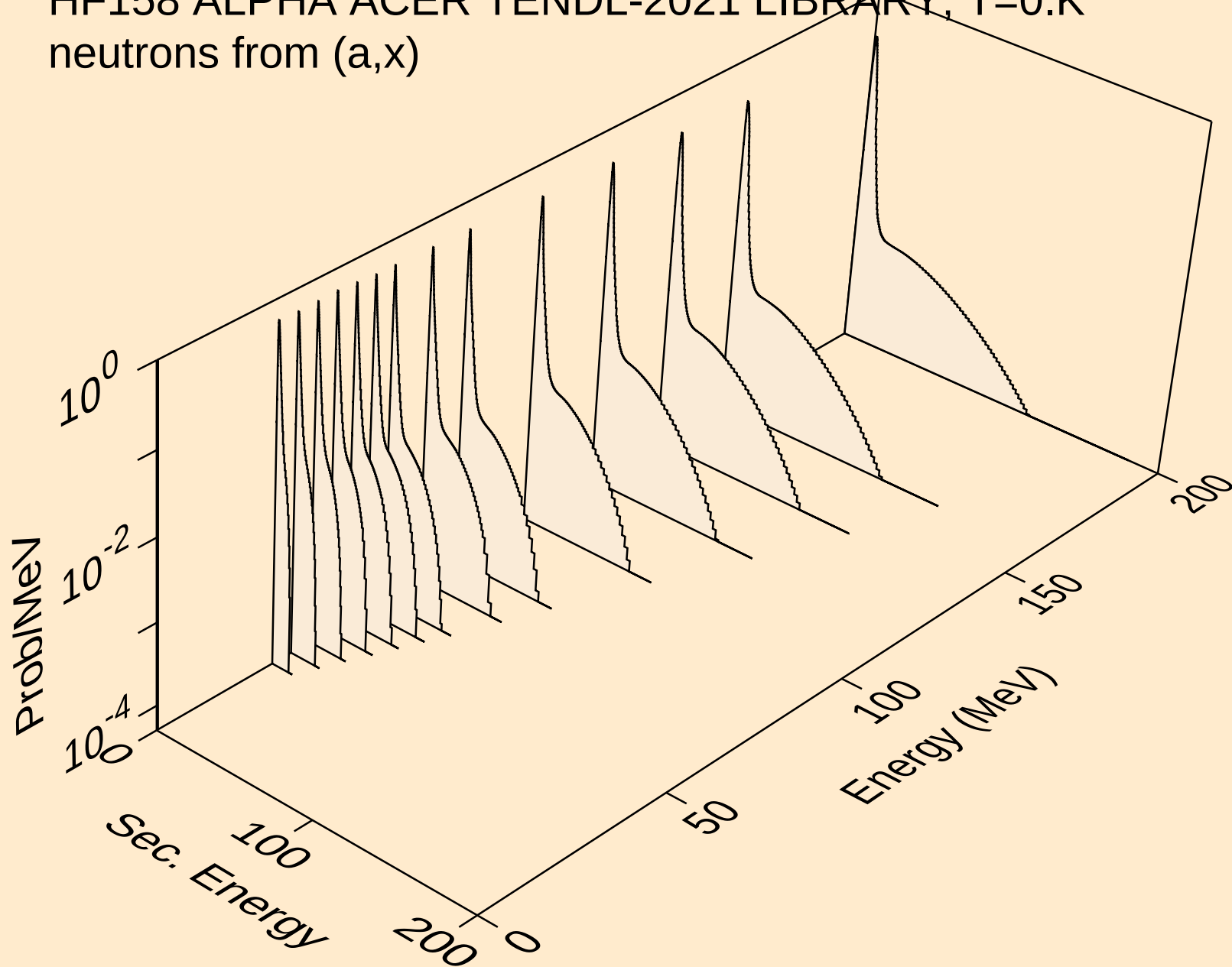
Particle production cross sections



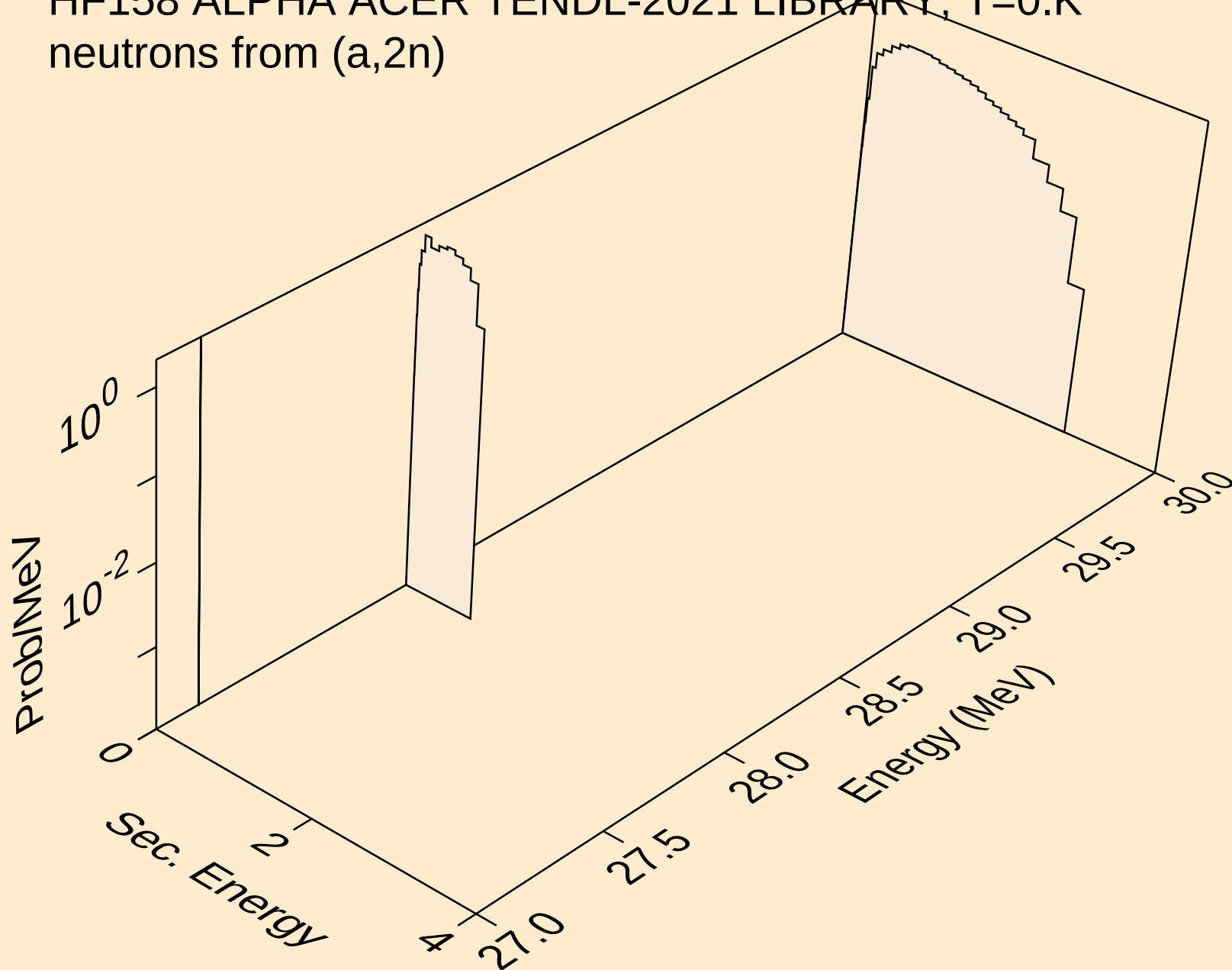
HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,n)



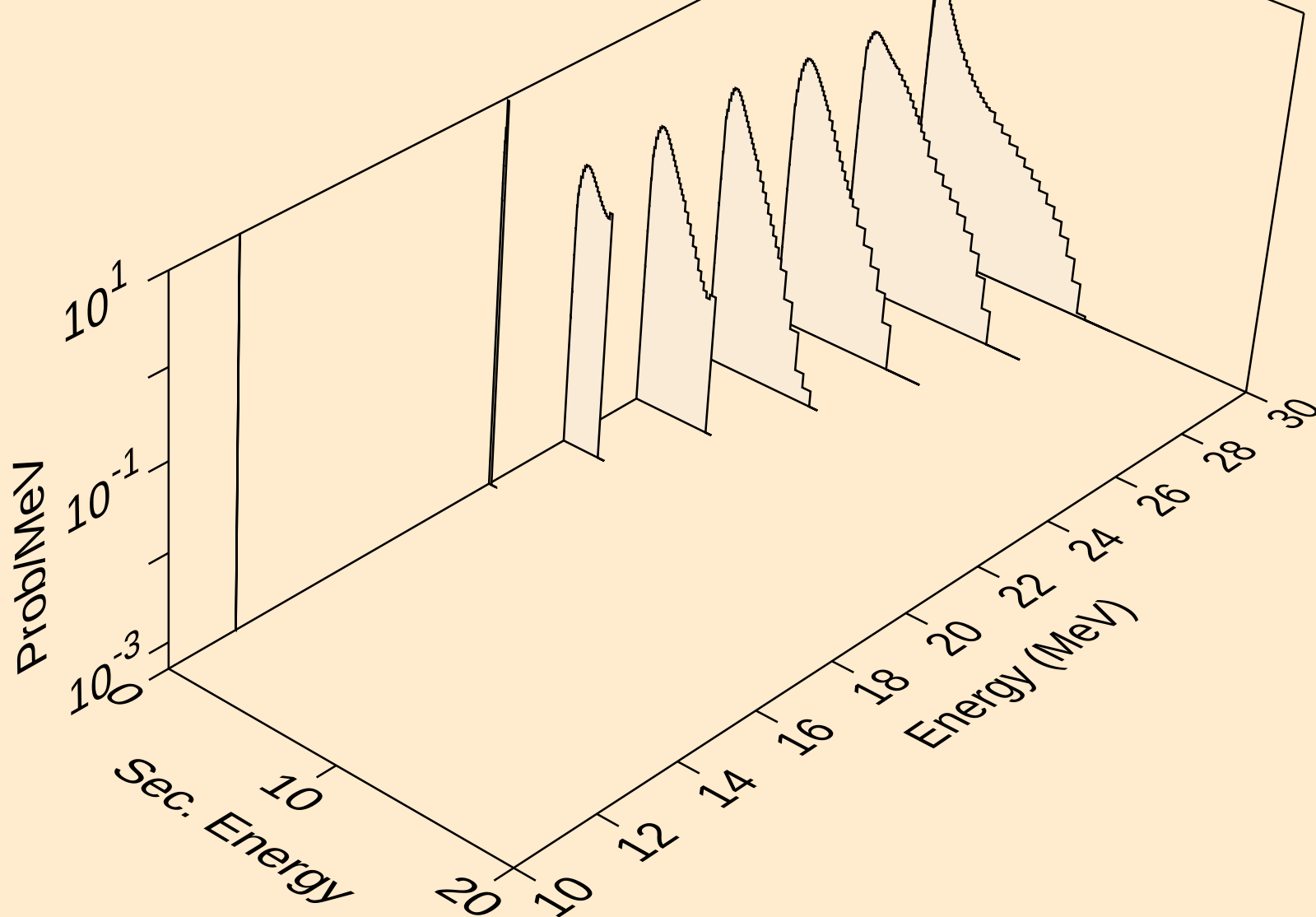
HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,x)



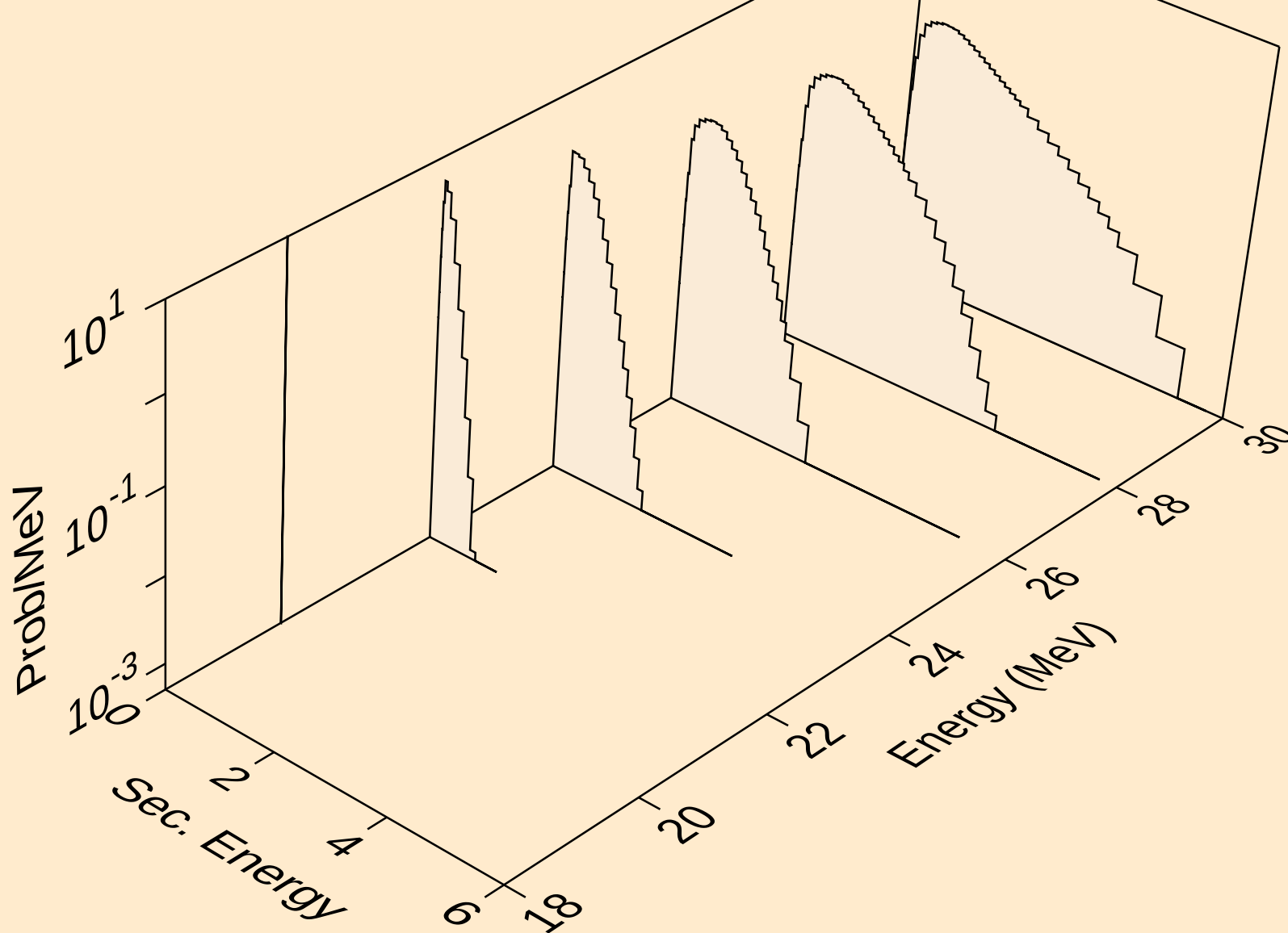
HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,2n)



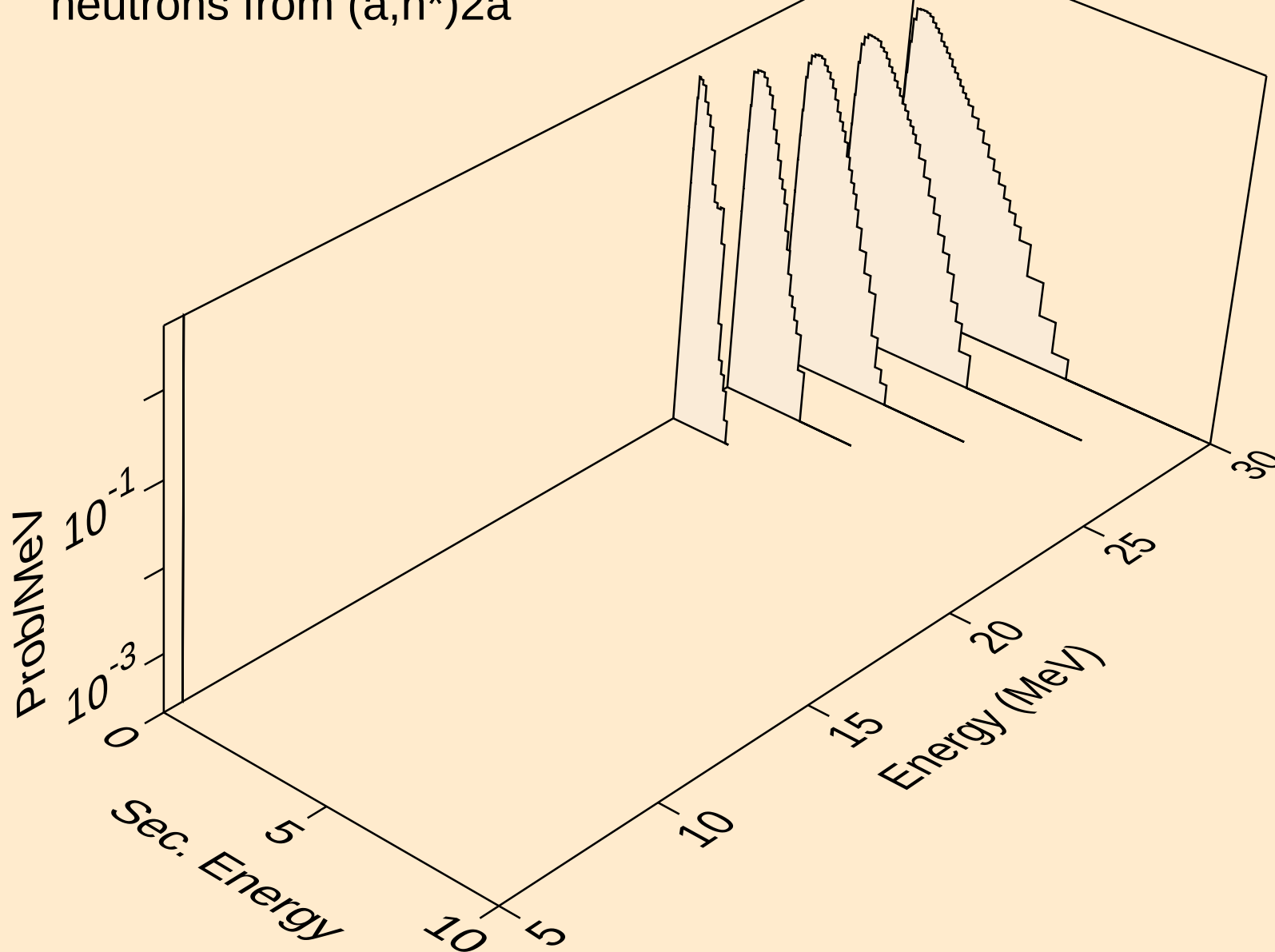
HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,n*)a



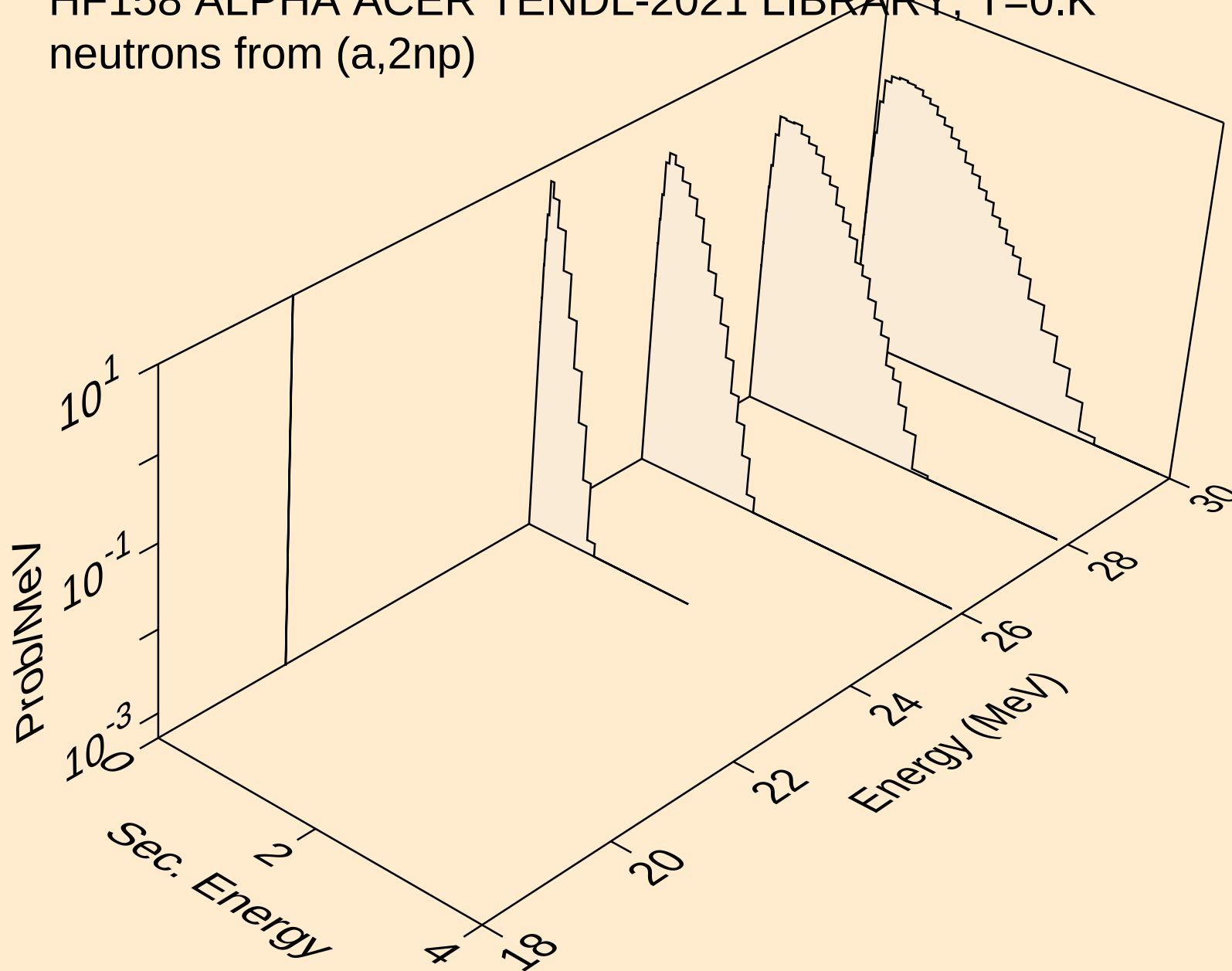
HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,n*)p



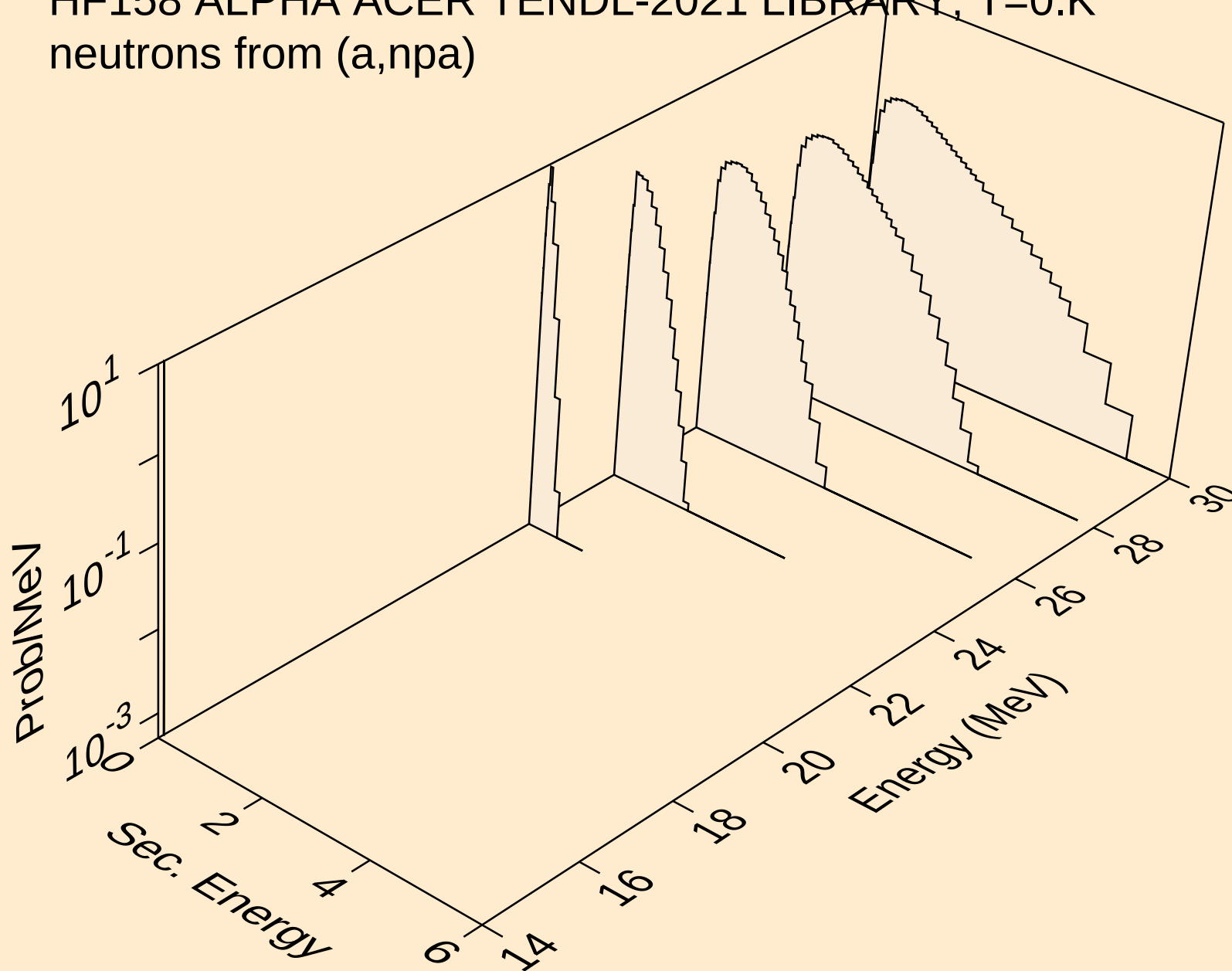
HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,n*)2a



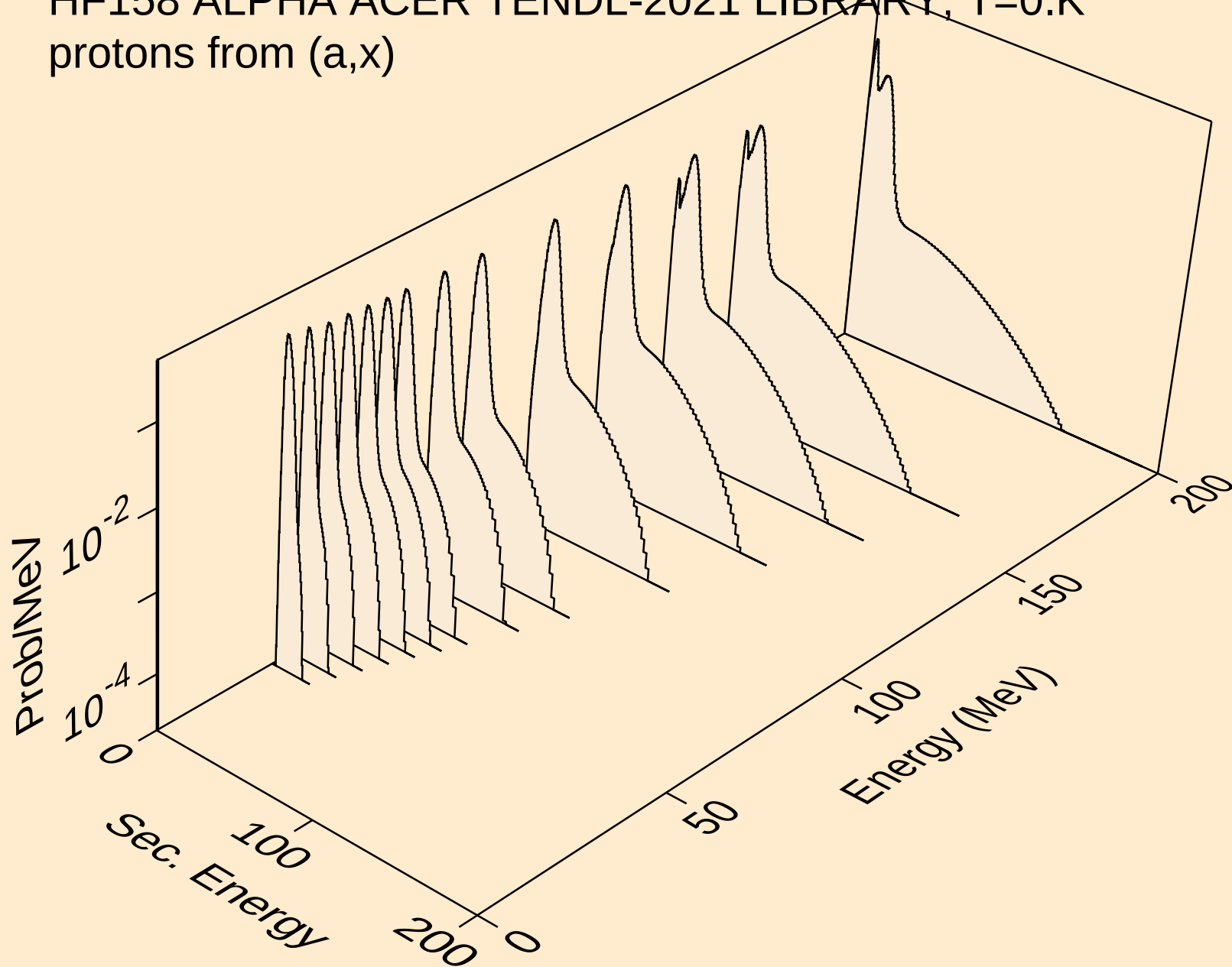
HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,2np)



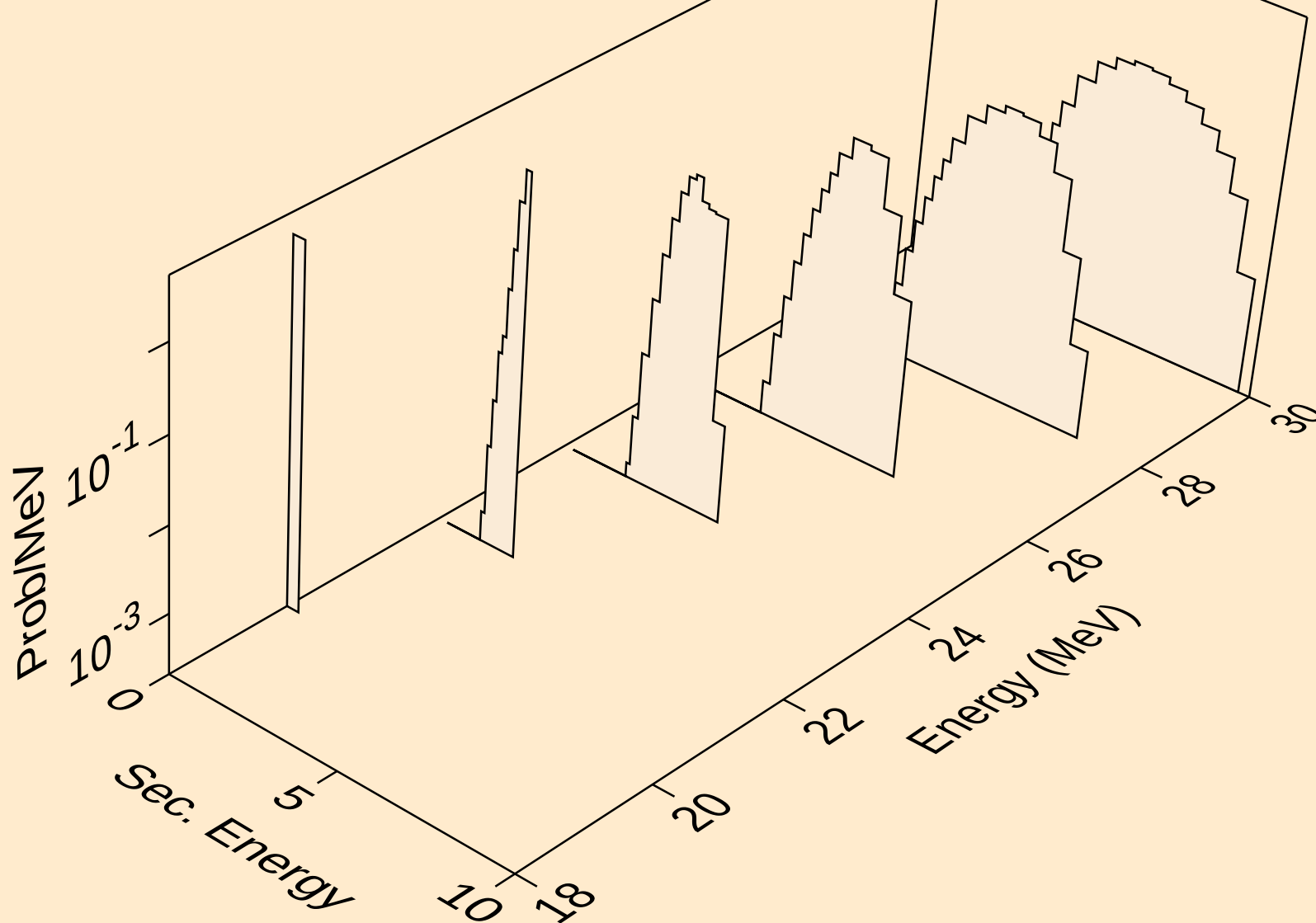
HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,npa)



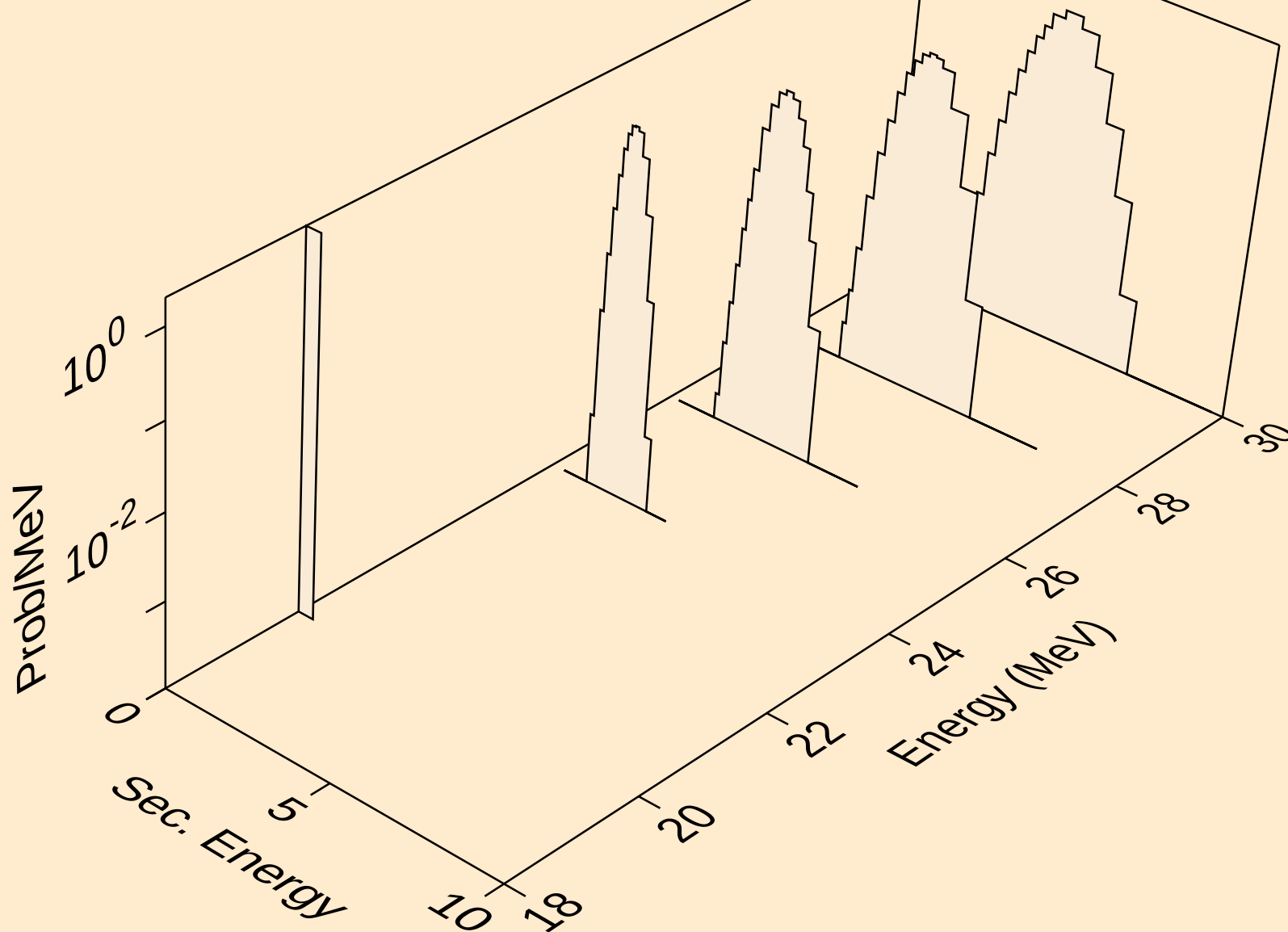
HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
protons from (a,x)



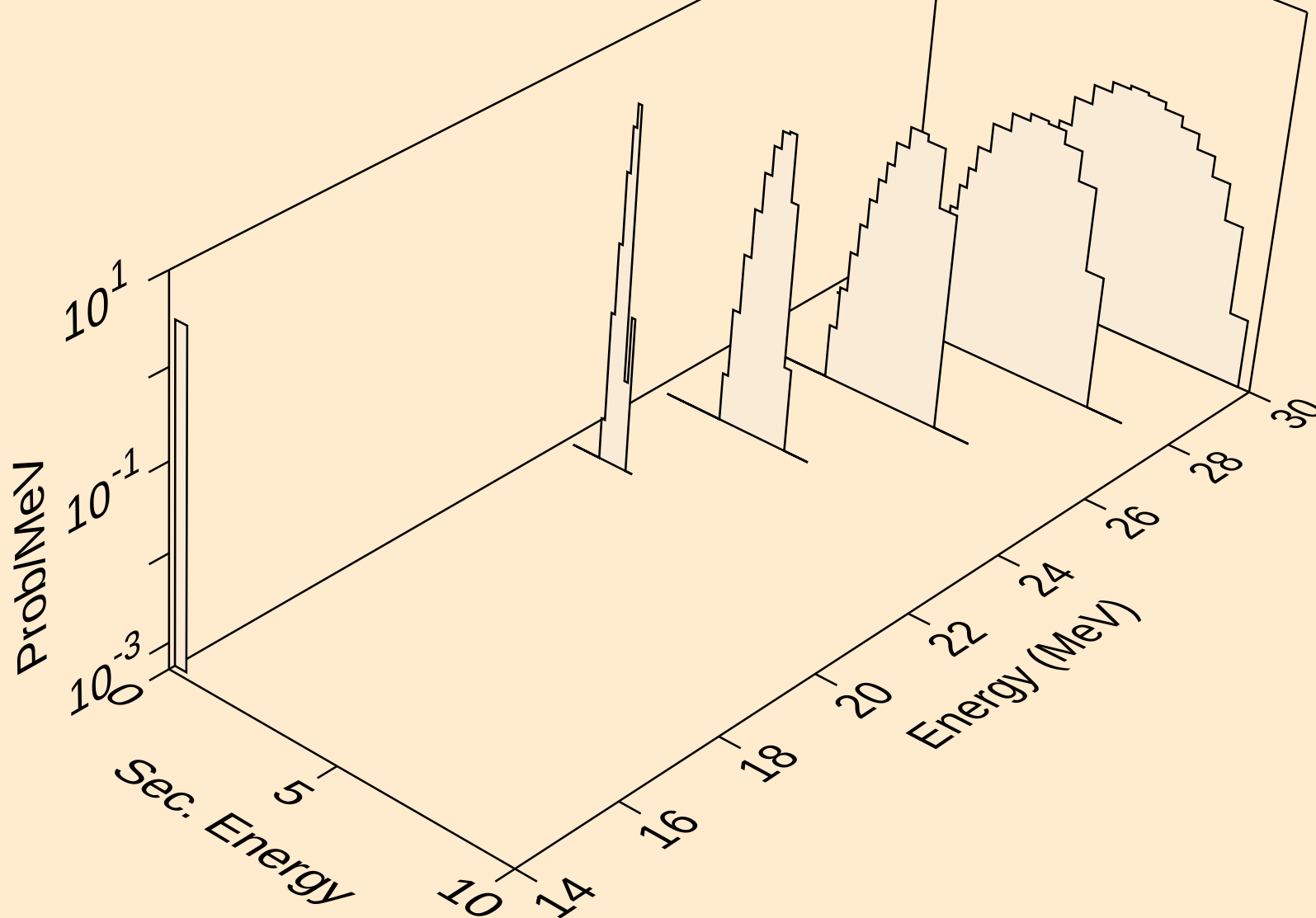
HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
protons from (a,n*)p



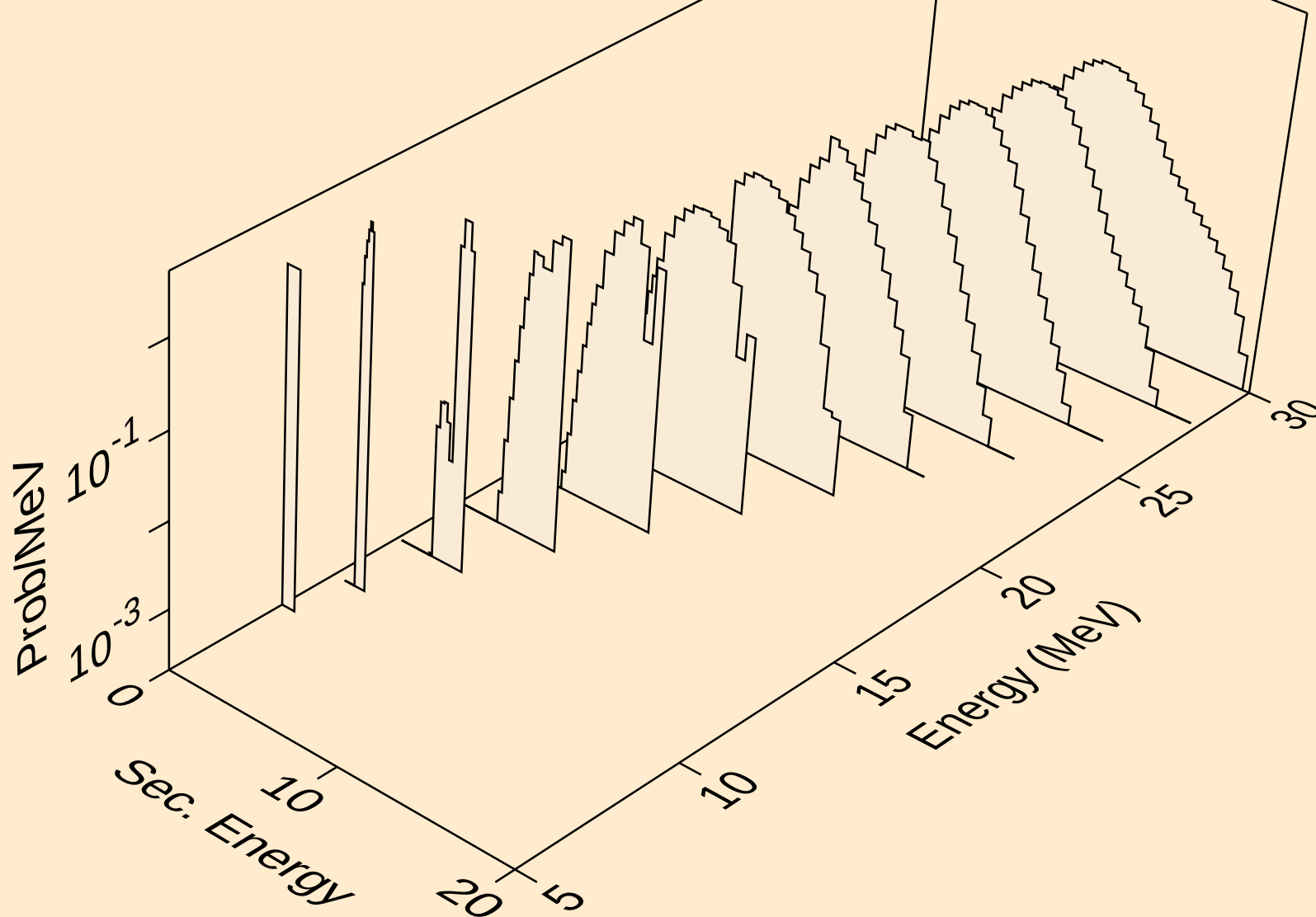
HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
protons from (a,2np)



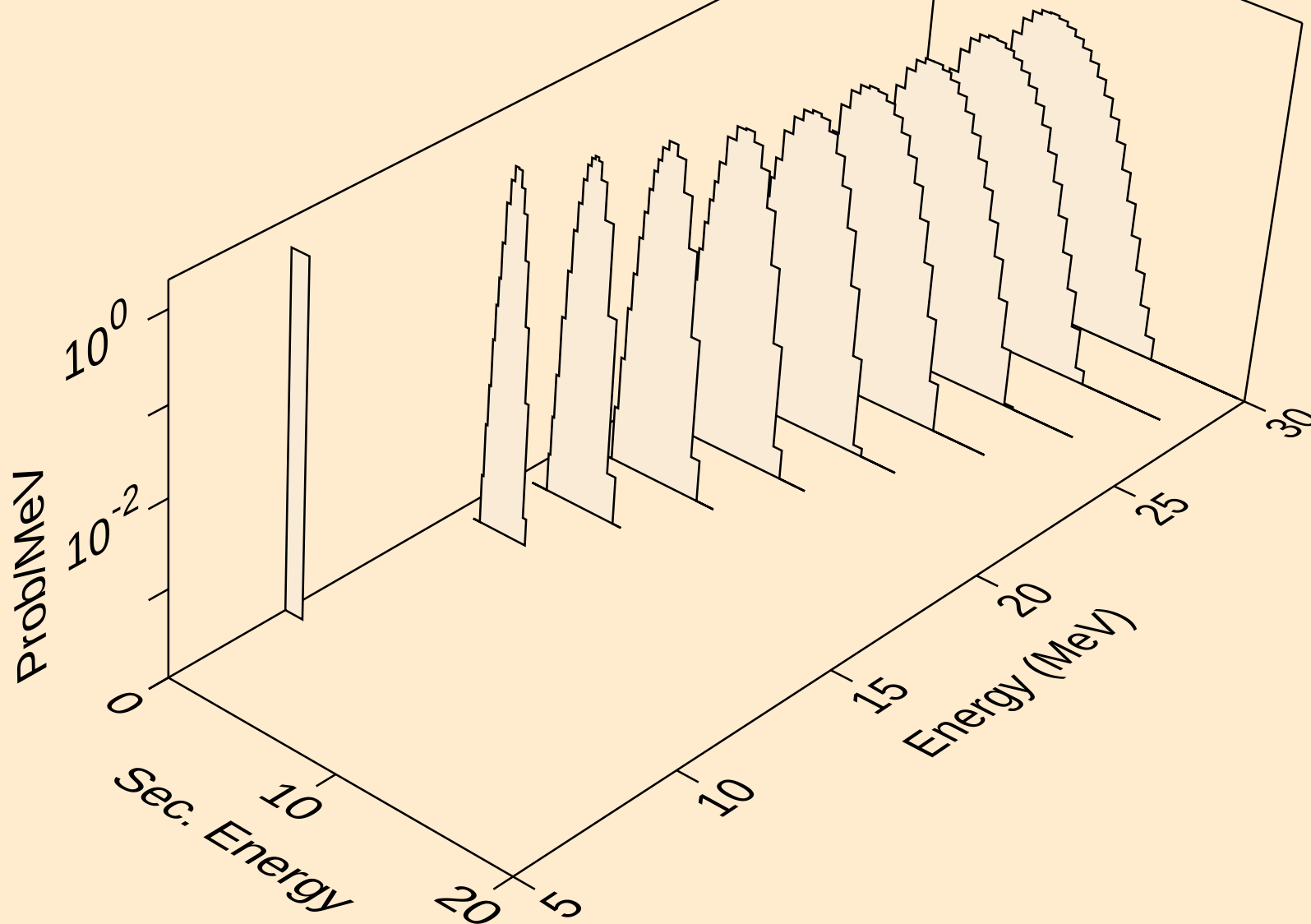
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protons from (a,npa)



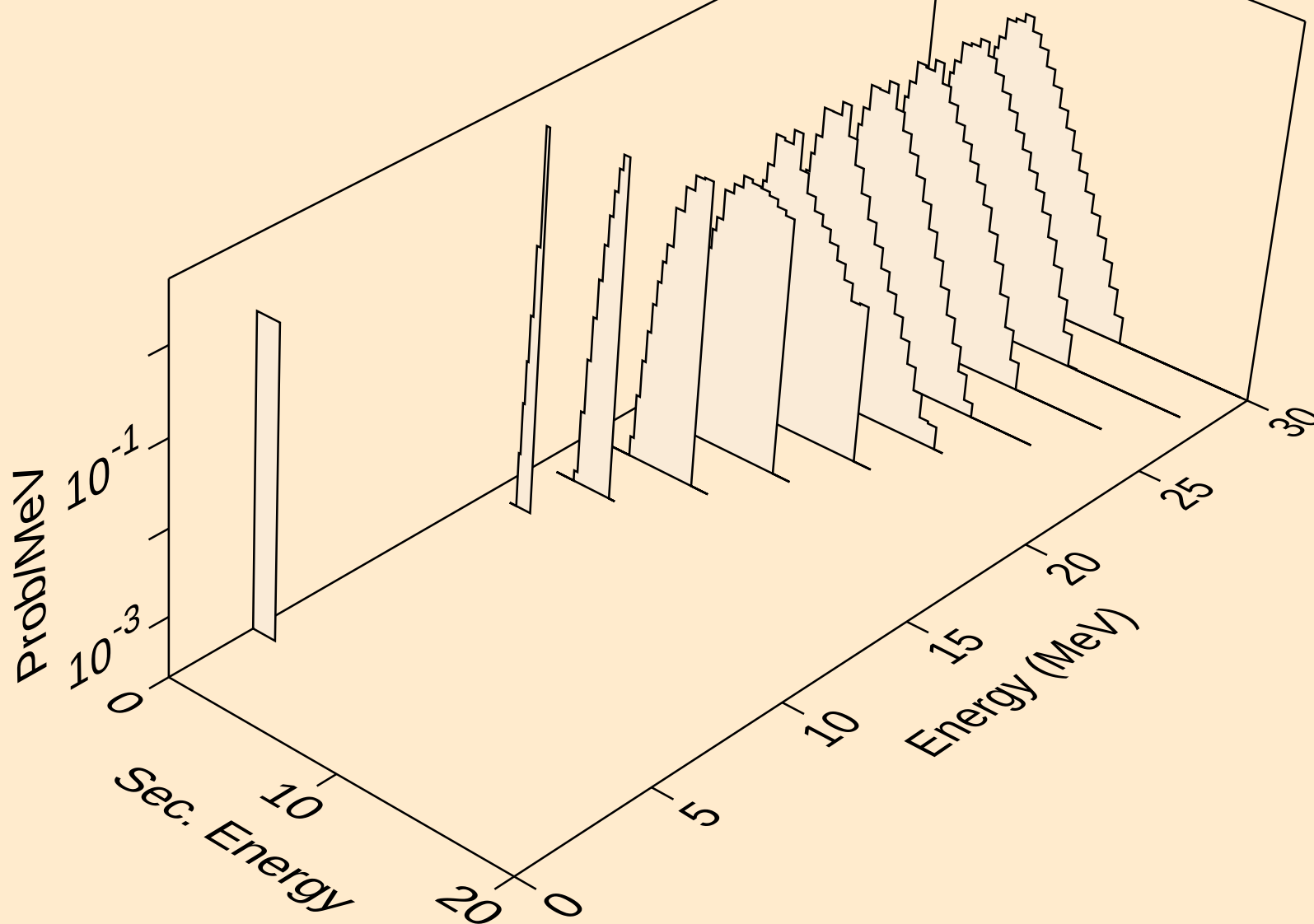
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protons from (a,p)



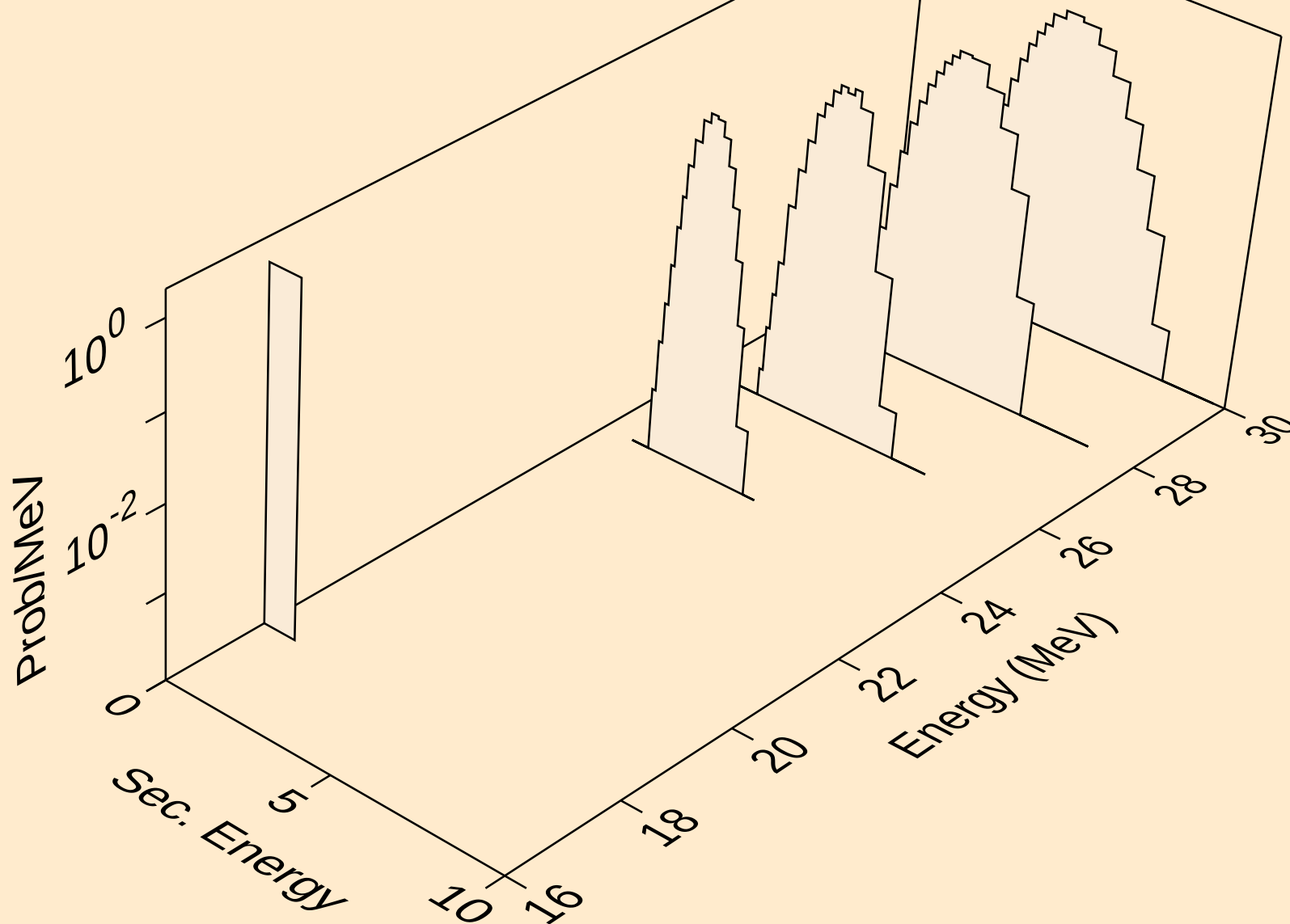
HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
protons from (a,2p)



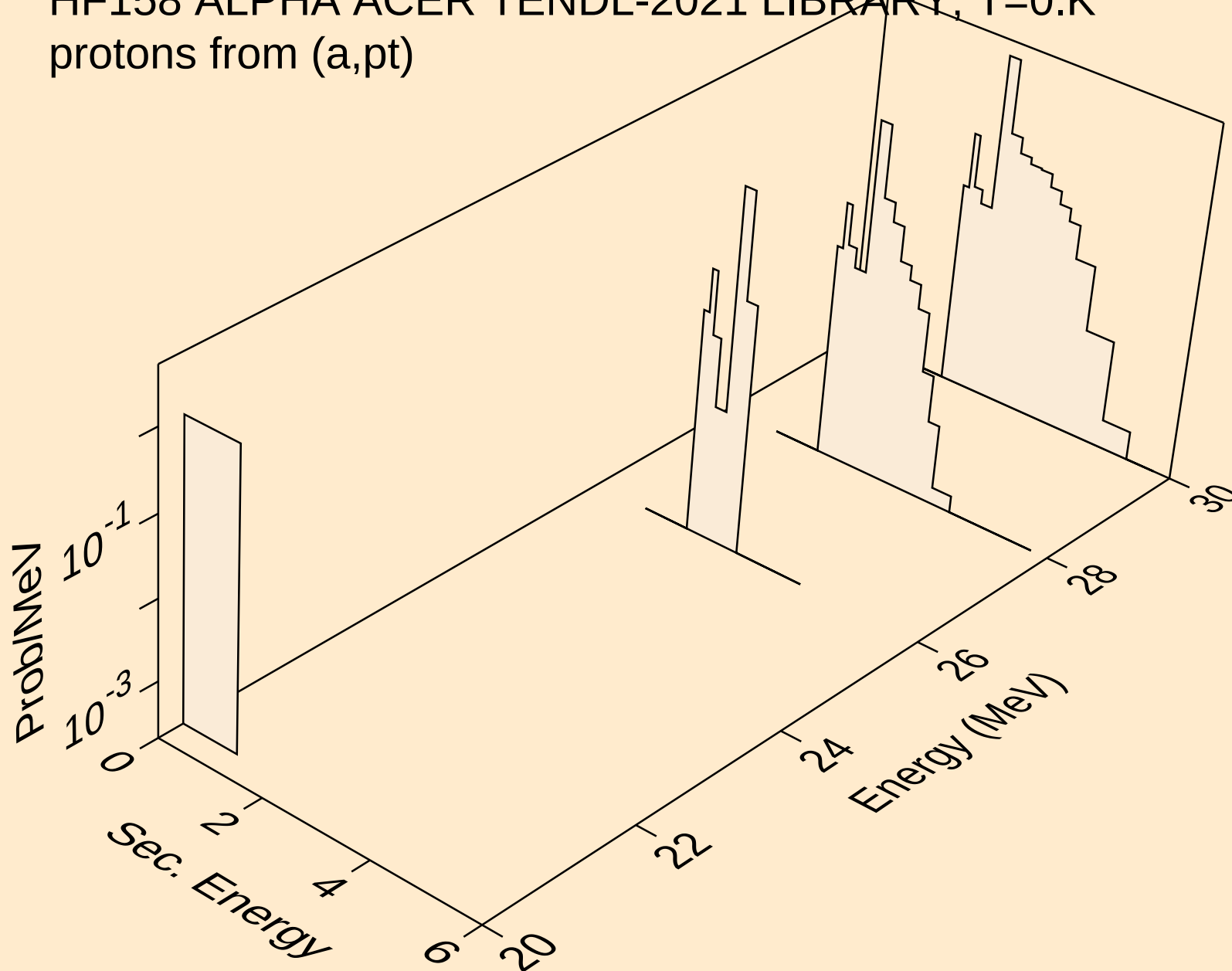
HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
protons from (a,pa)



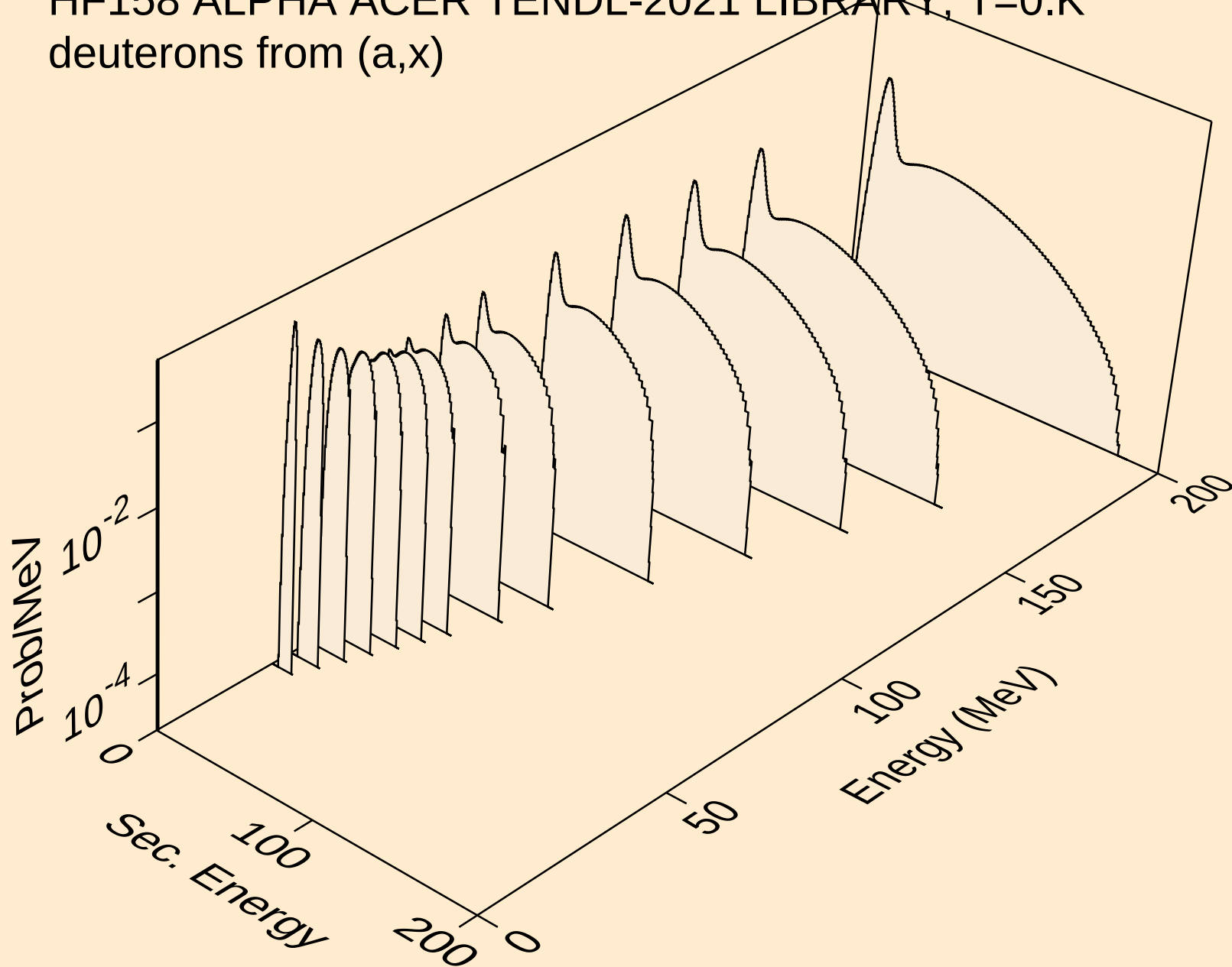
HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
protons from (a,pd)



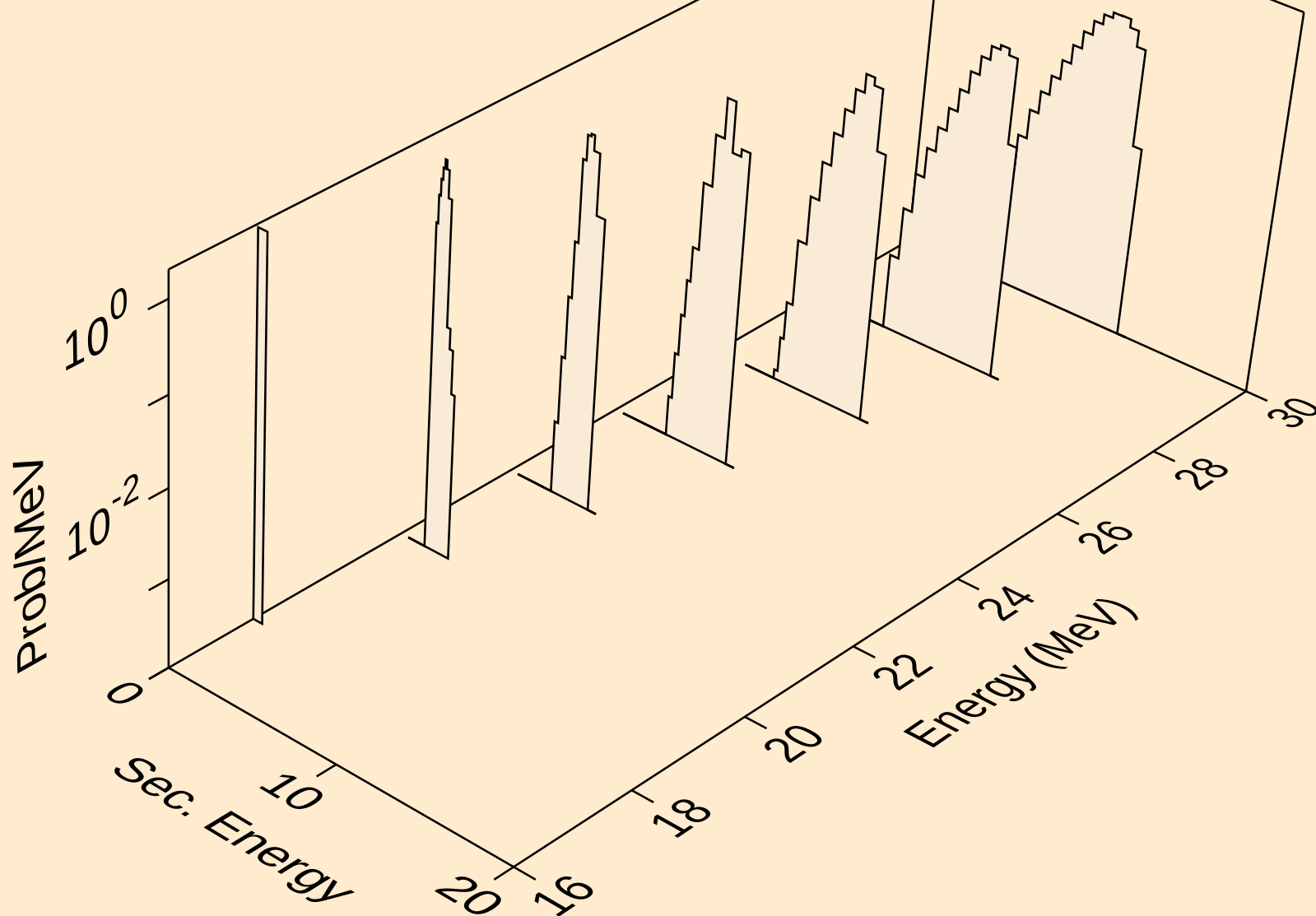
HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
protons from (a,pt)



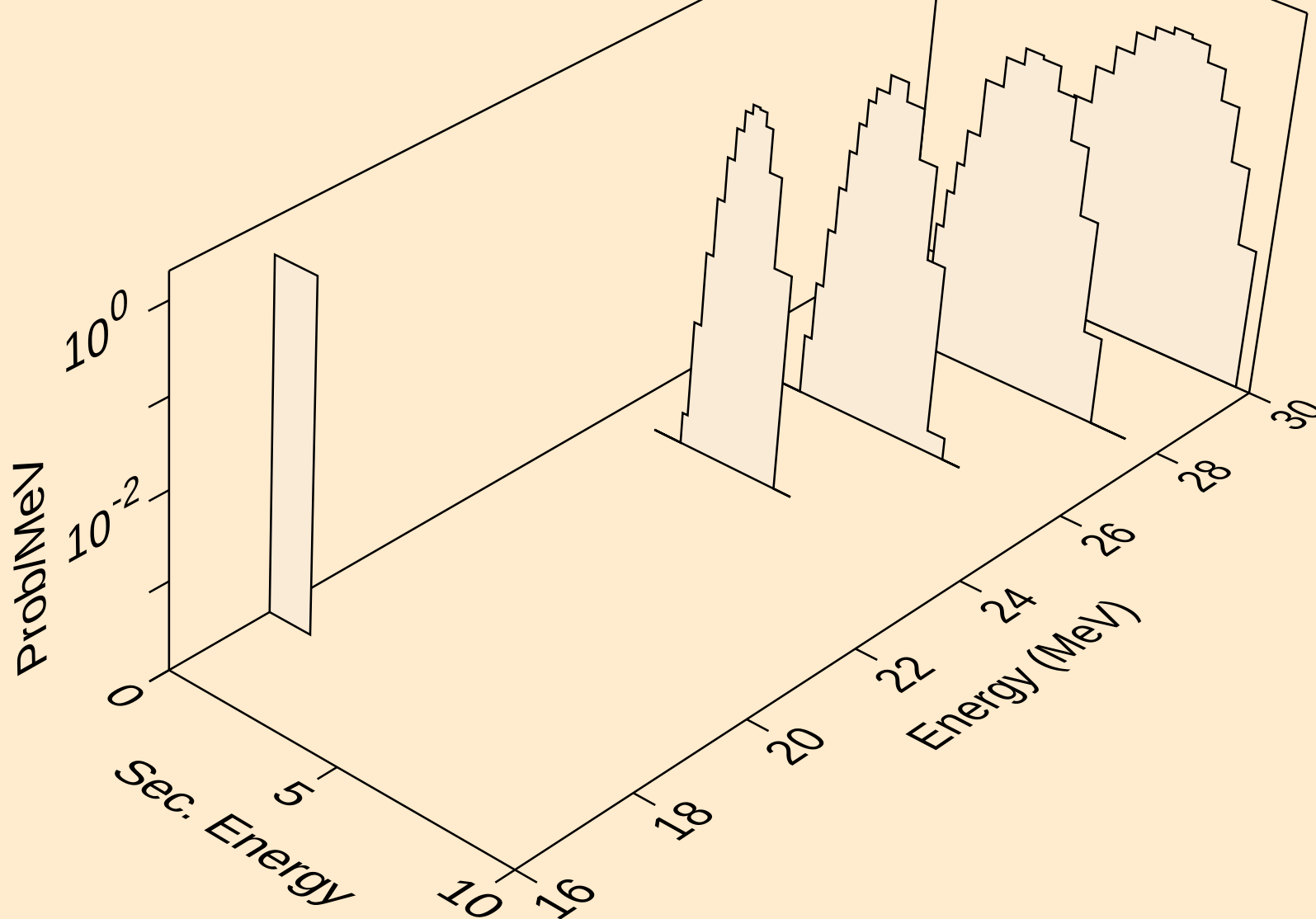
HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
deuterons from (a,x)



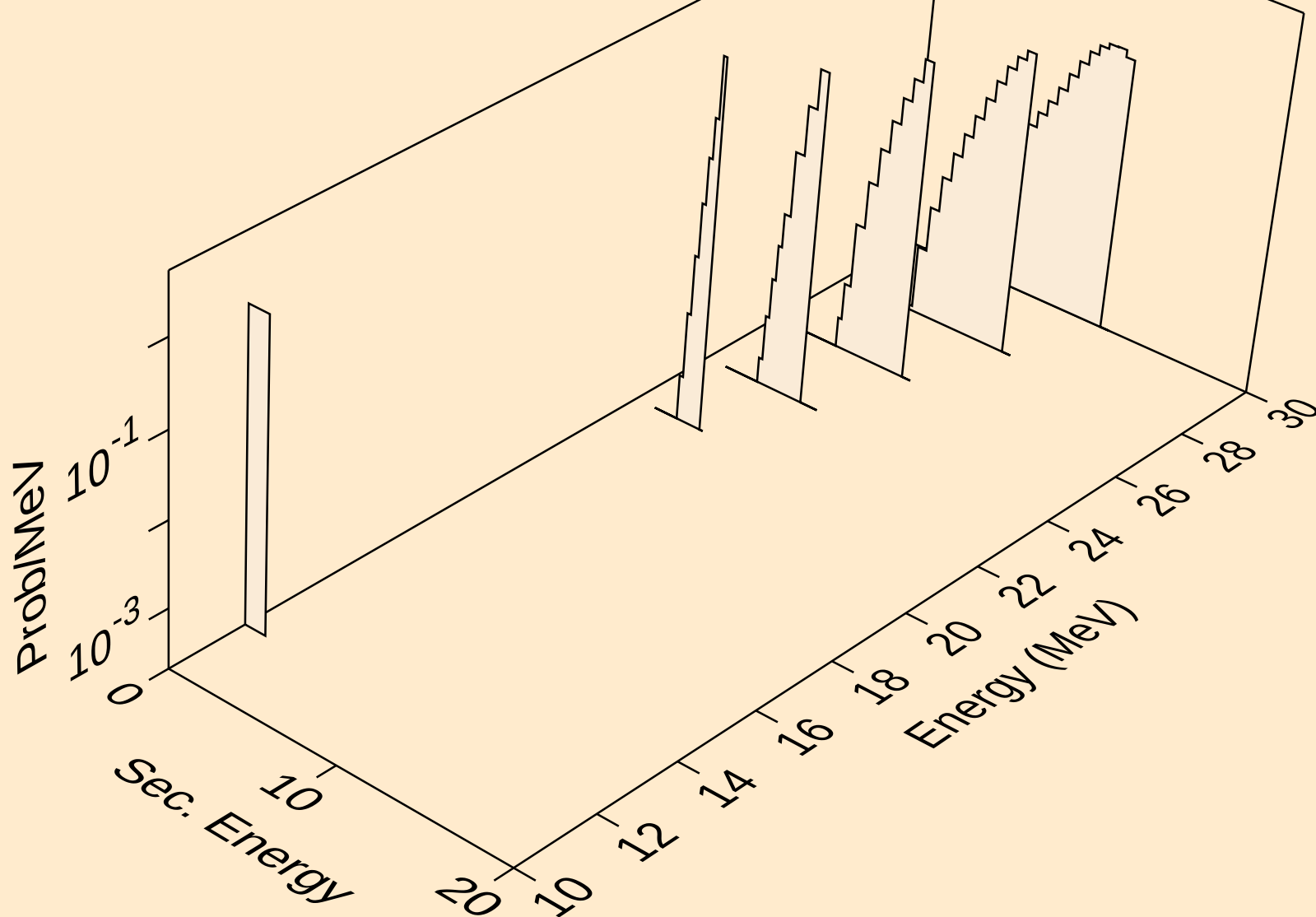
HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
deuterons from (a,d)



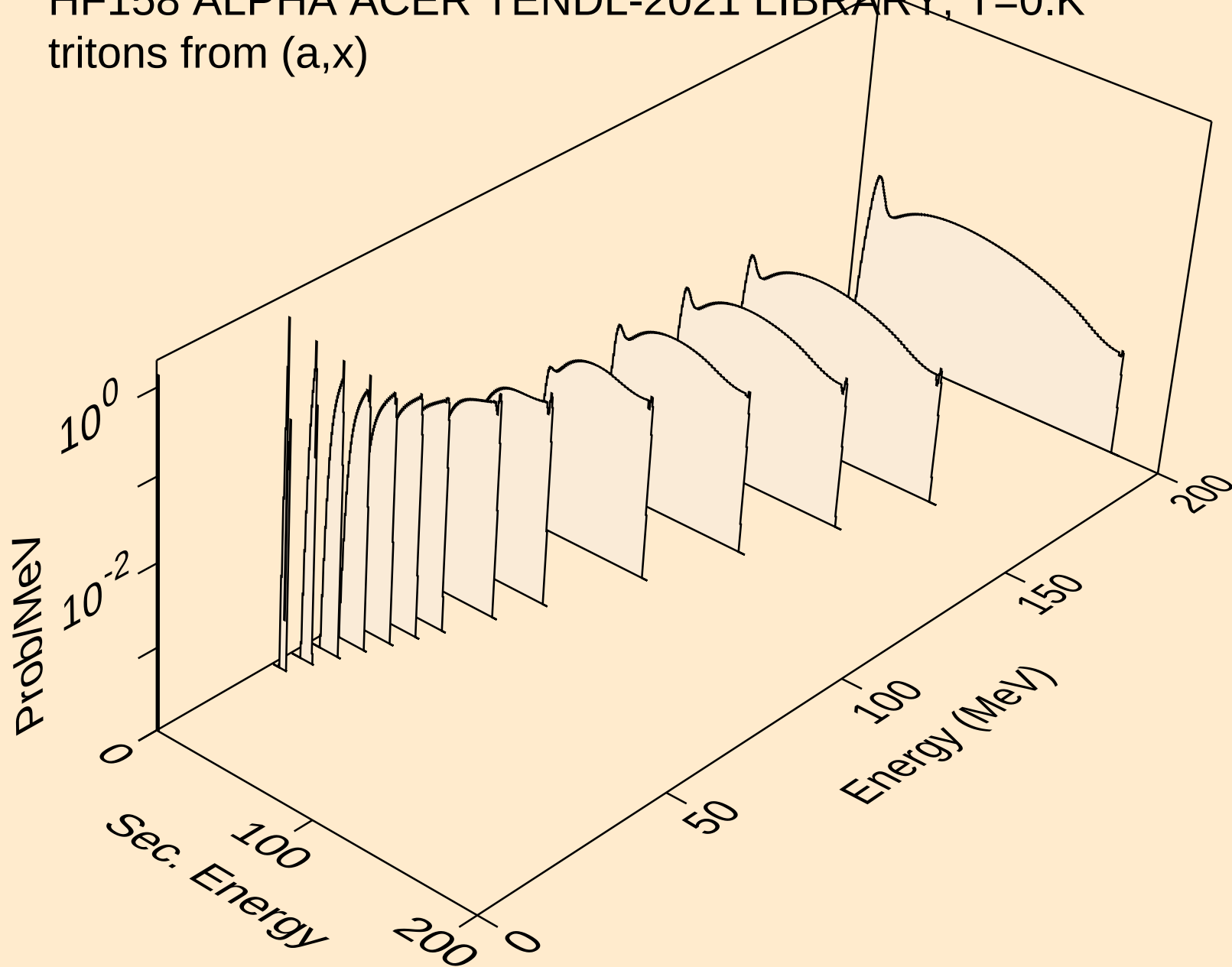
HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
deuterons from (a,pd)



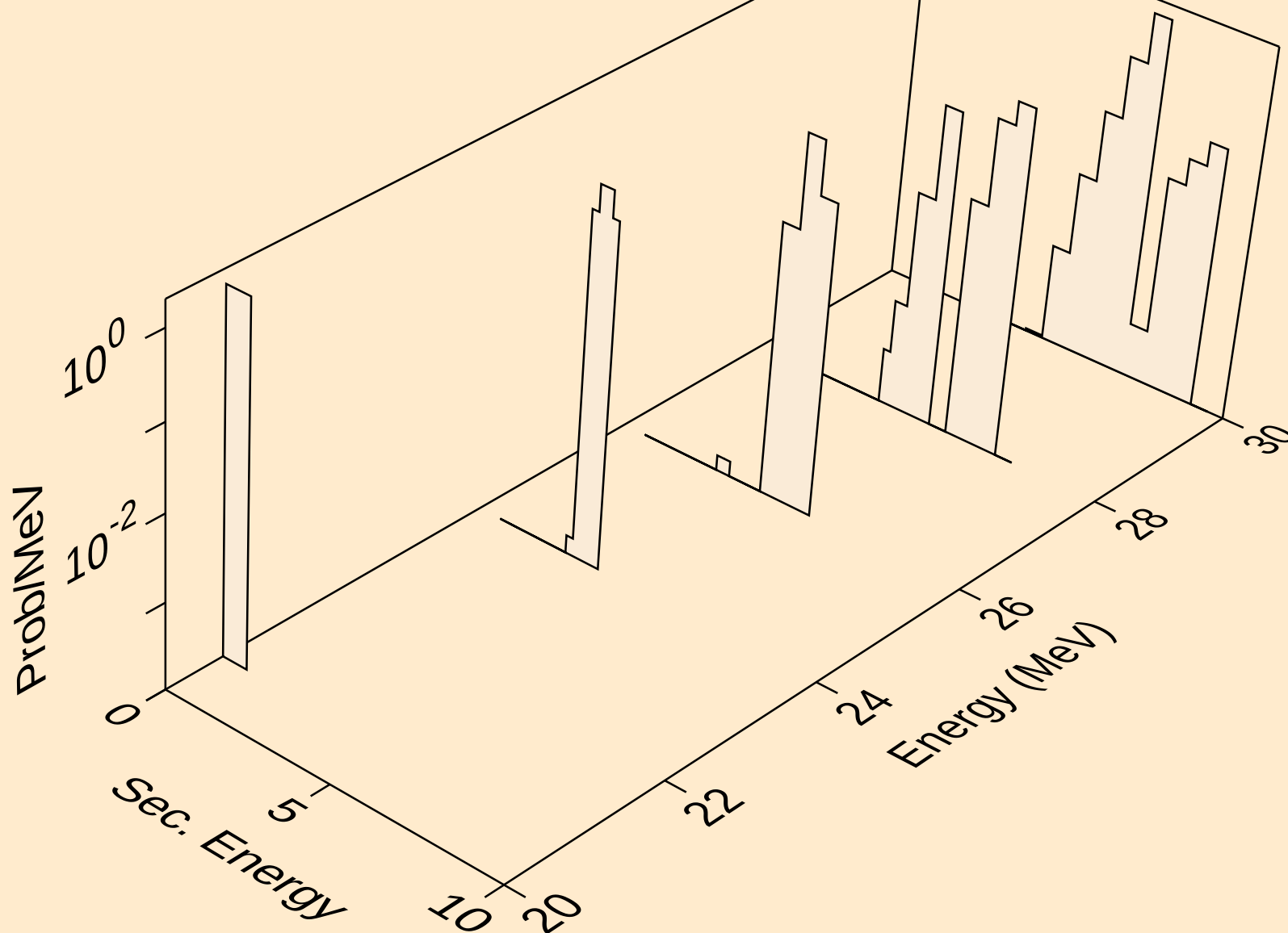
HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
deuterons from (a,da)



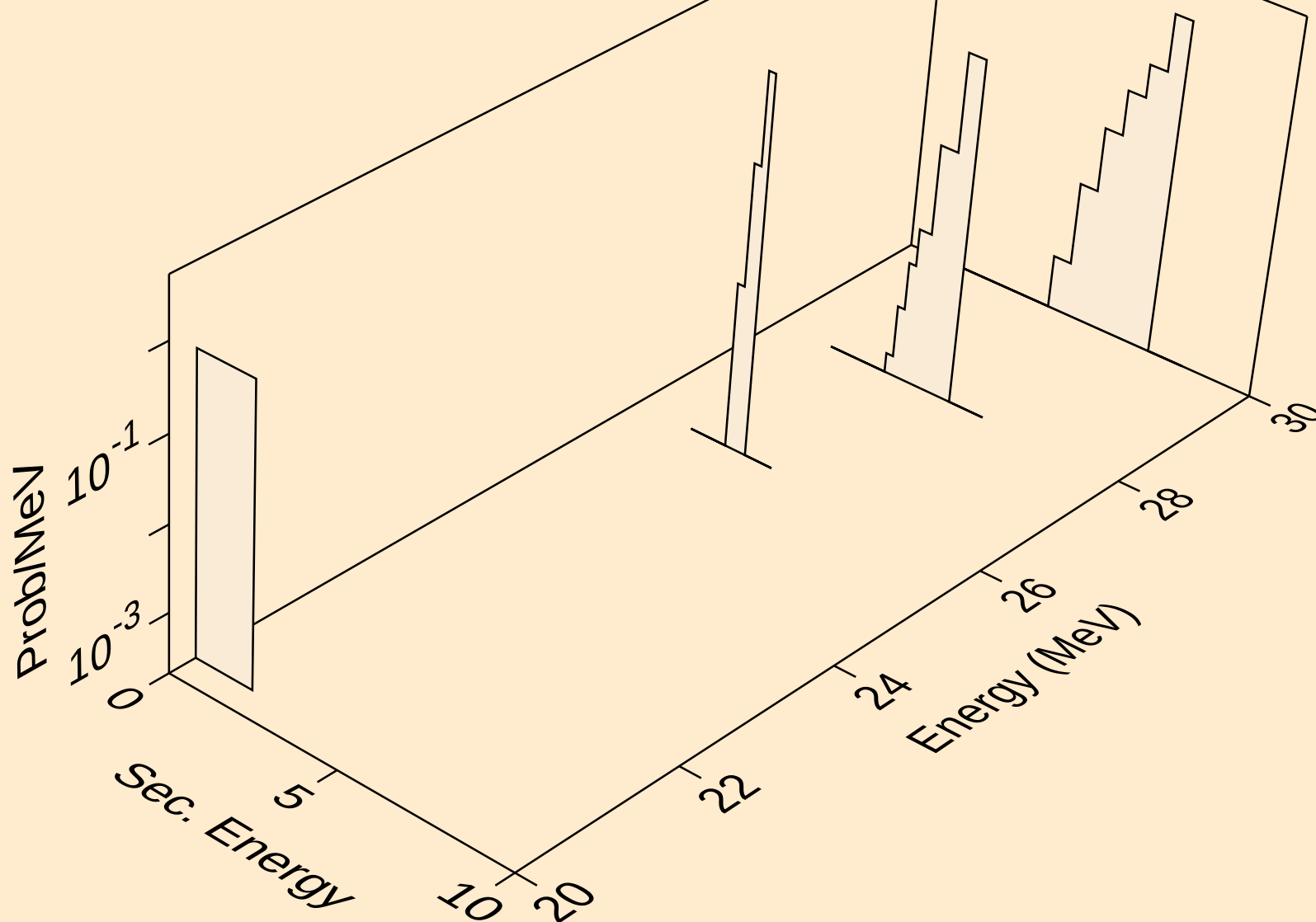
HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
tritons from (a,x)



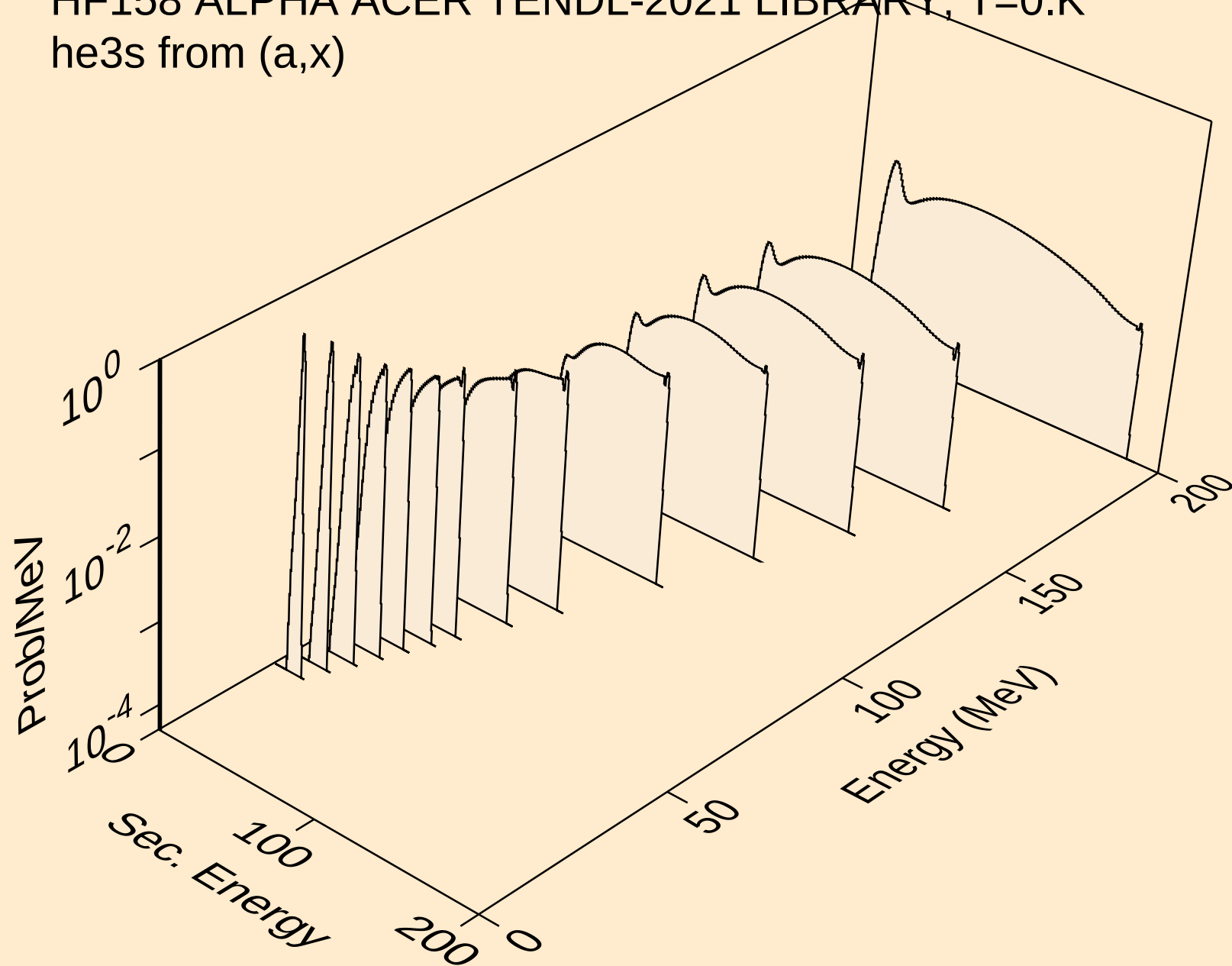
HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
tritons from (a,t)



HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
tritons from (a,pt)



HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
he3s from (a,x)



HF158 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
he3s from (a,he3)

