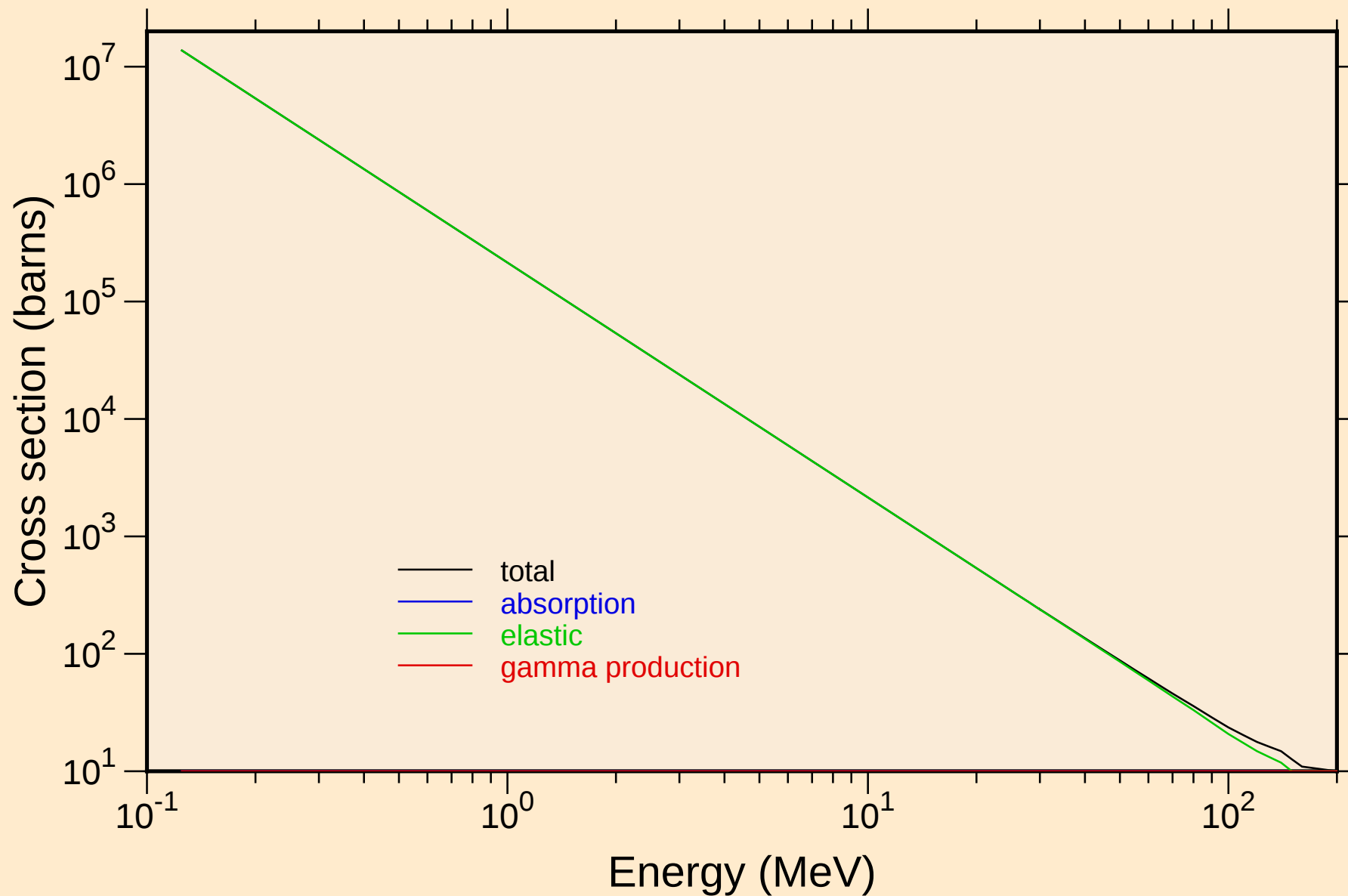


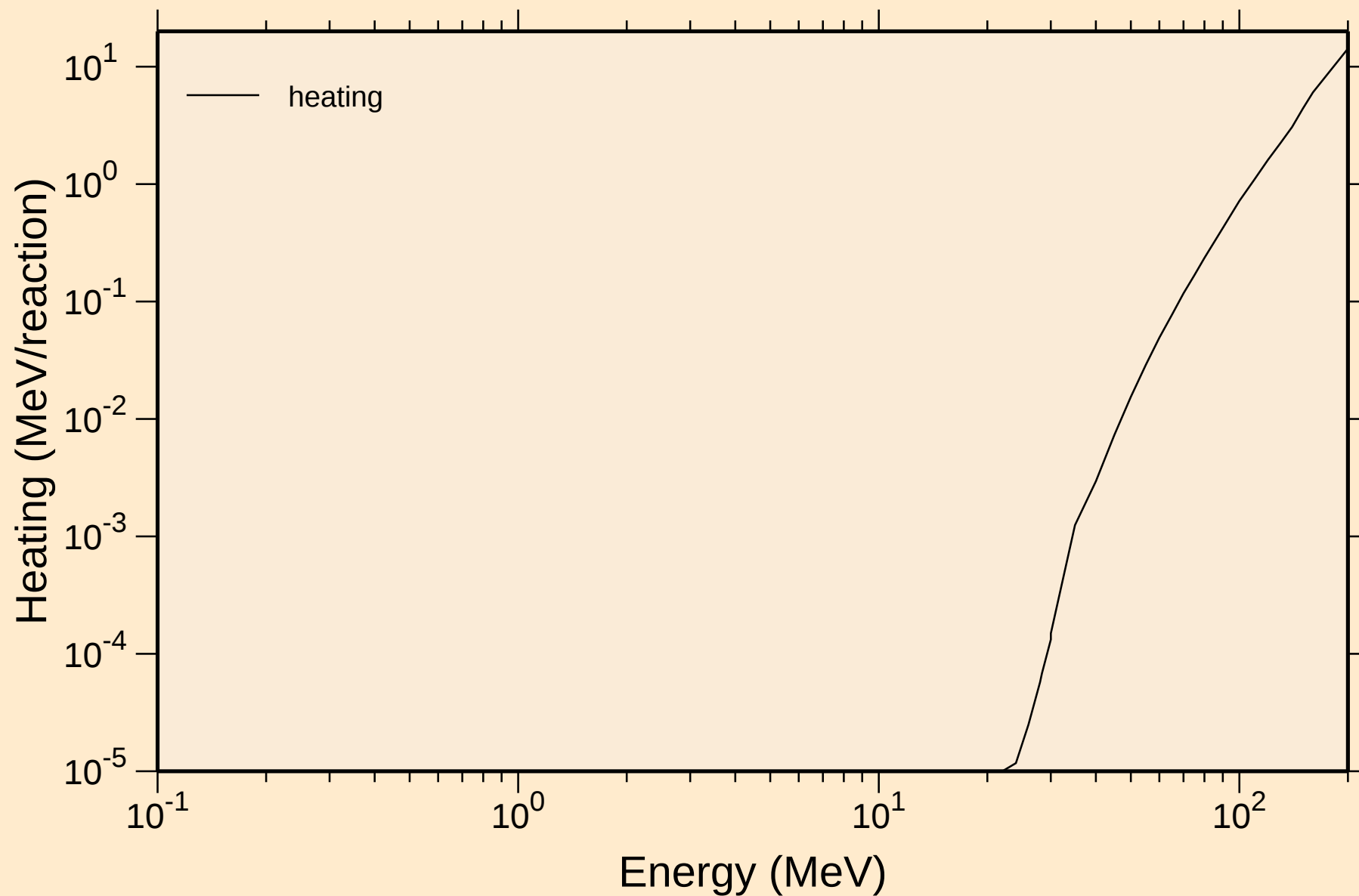
U239 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Principal cross sections



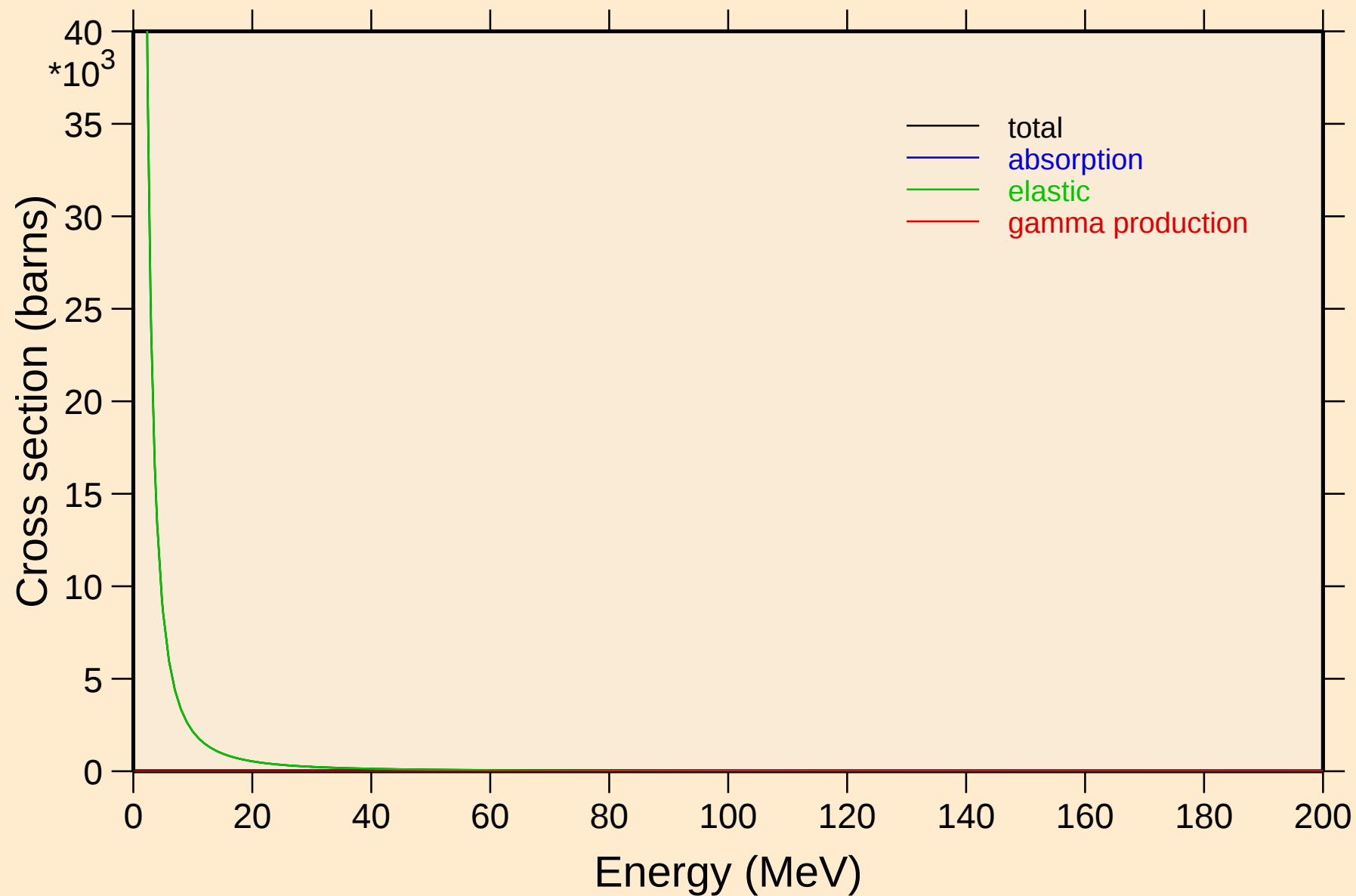
U239 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Heating



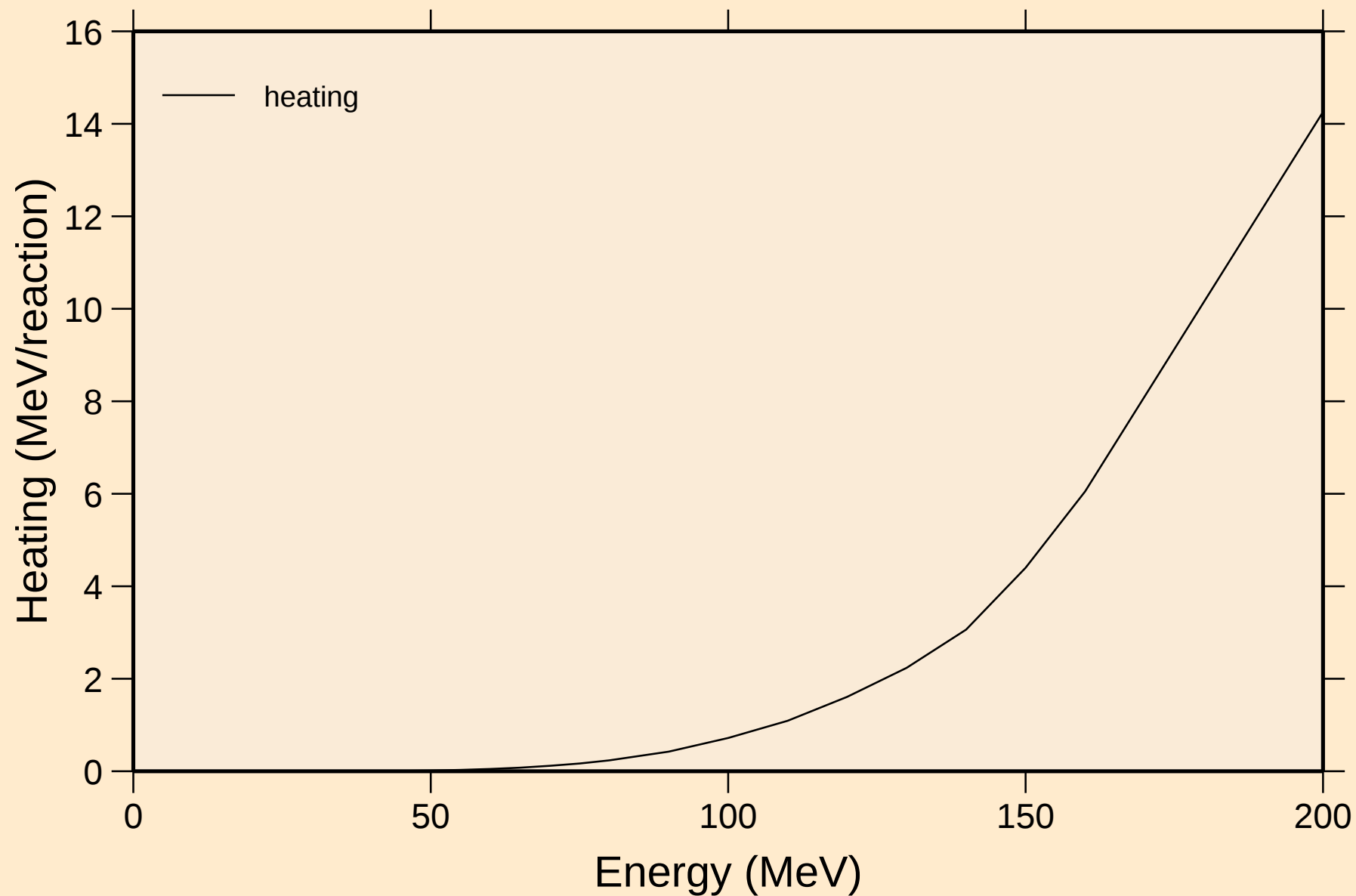
U239 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Principal cross sections



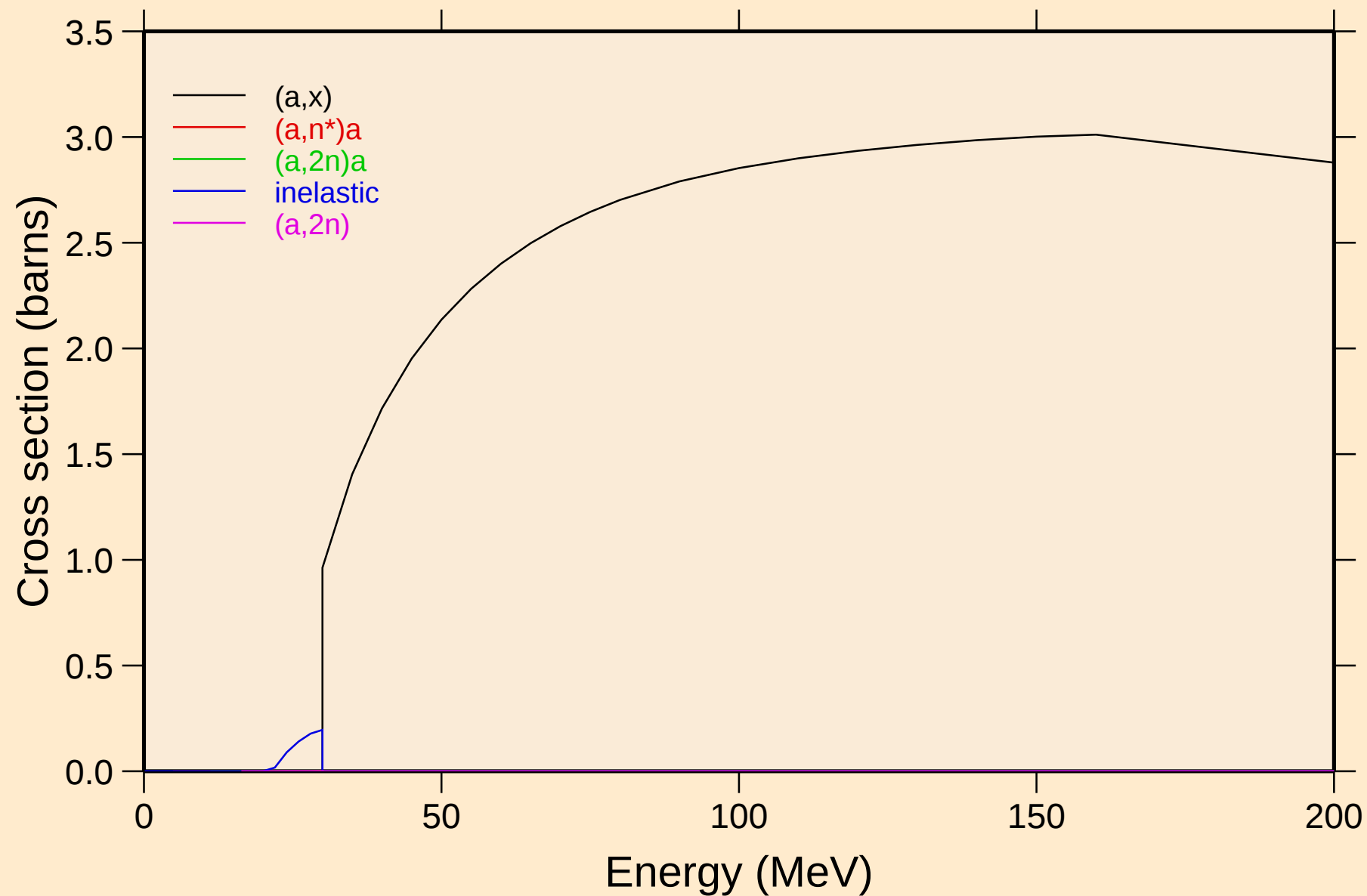
U239 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Heating



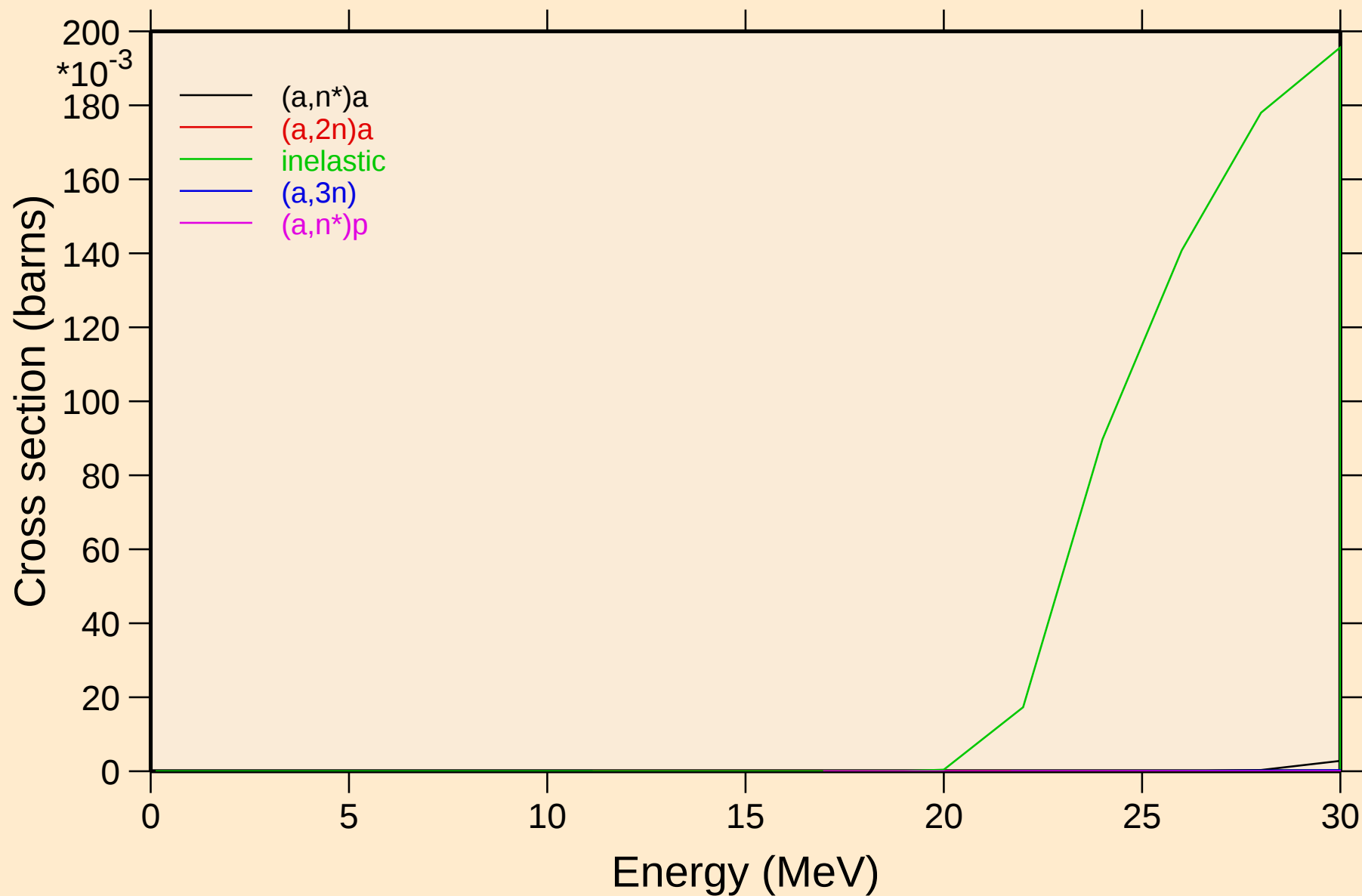
U239 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Threshold reactions



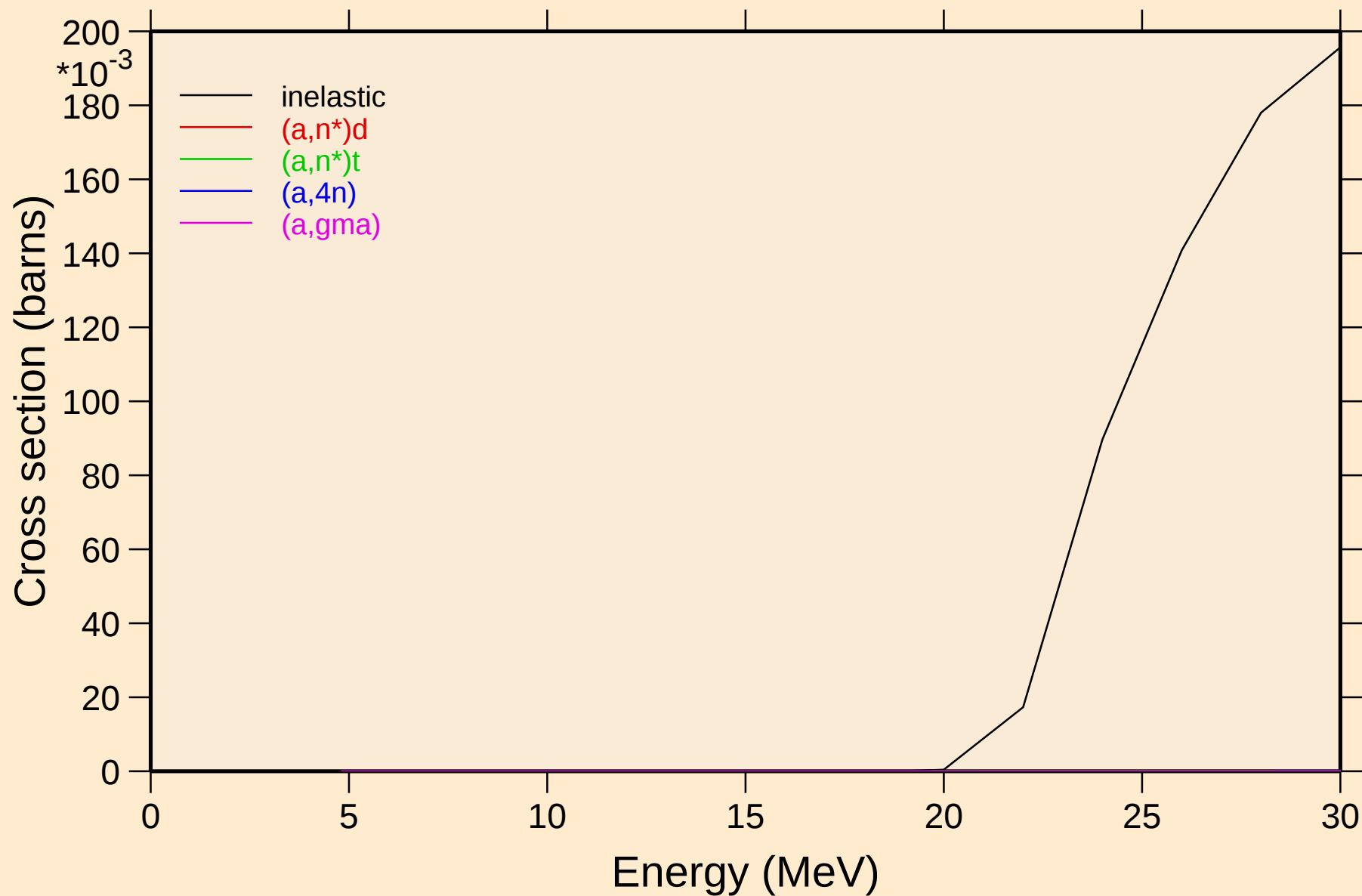
U239 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Threshold reactions



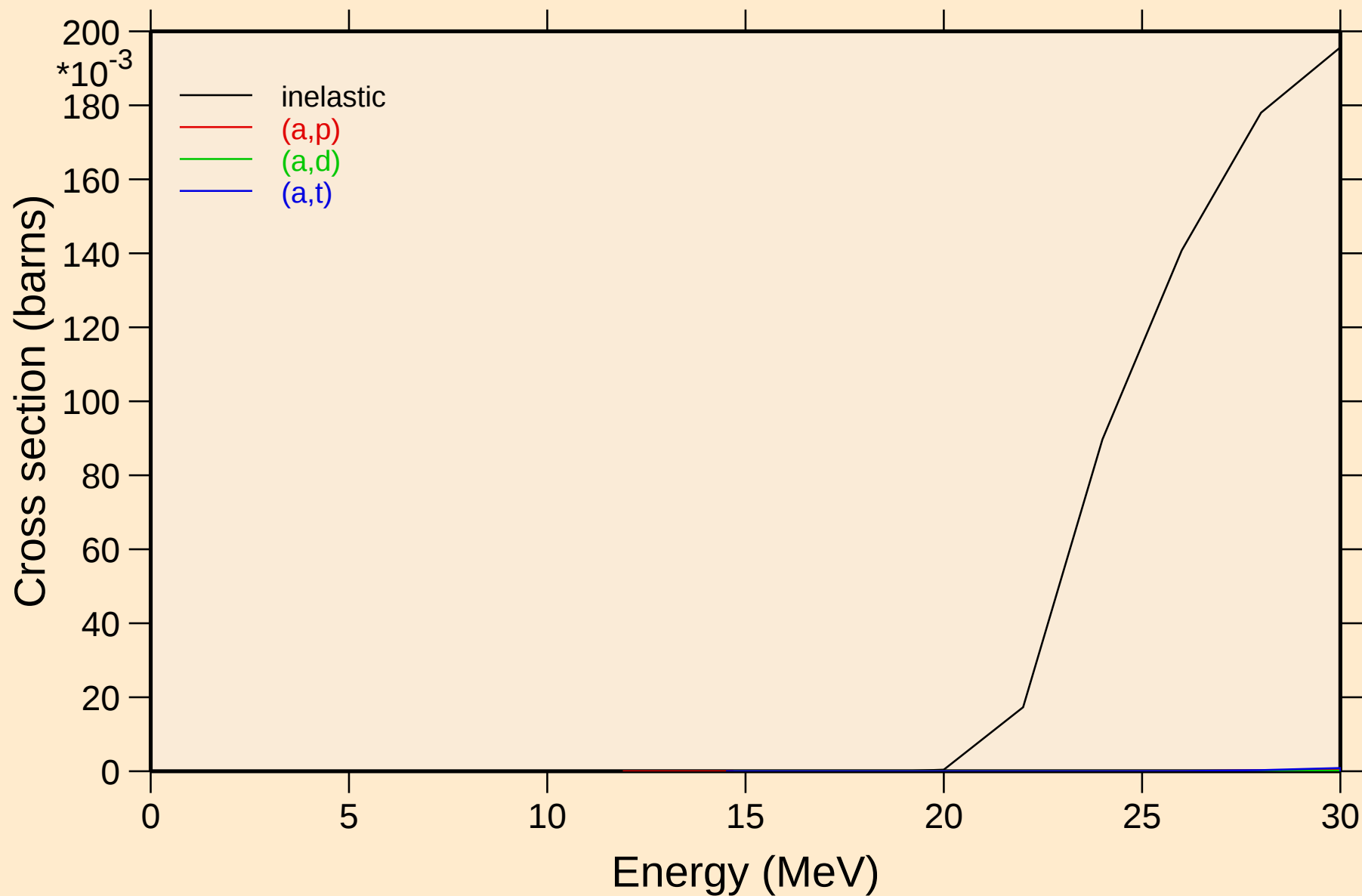
U239 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Threshold reactions



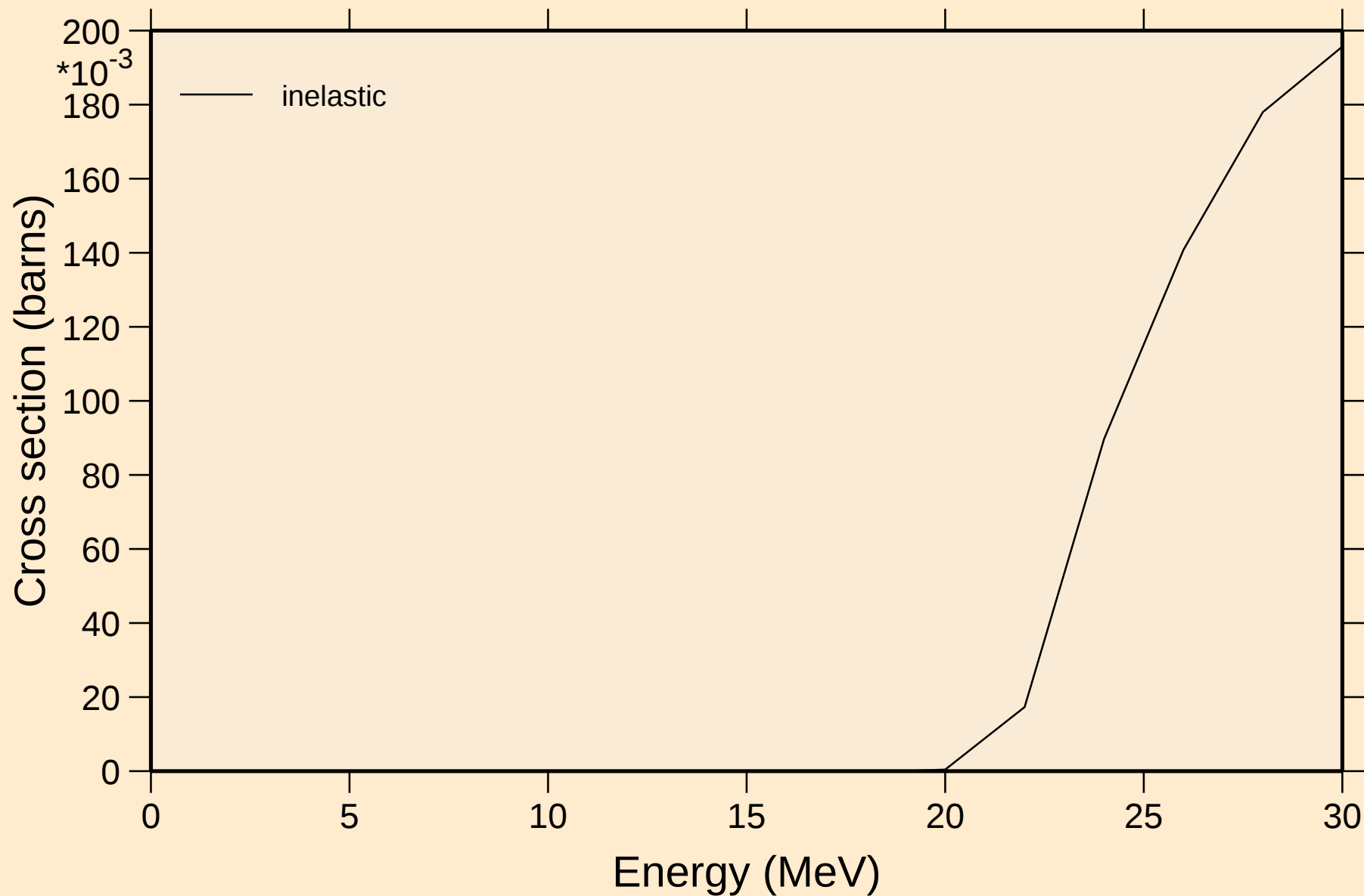
U239 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Threshold reactions

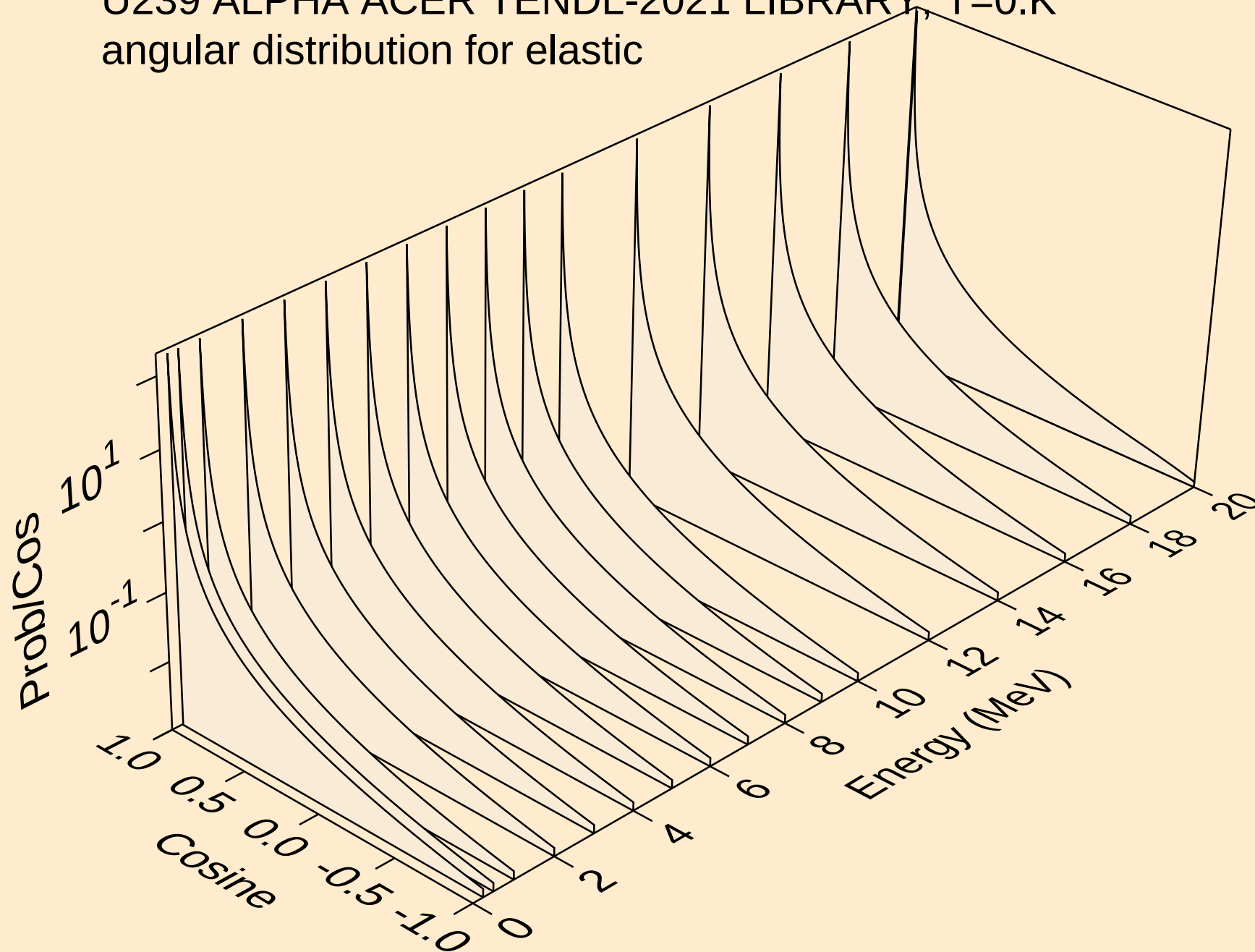


U239 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

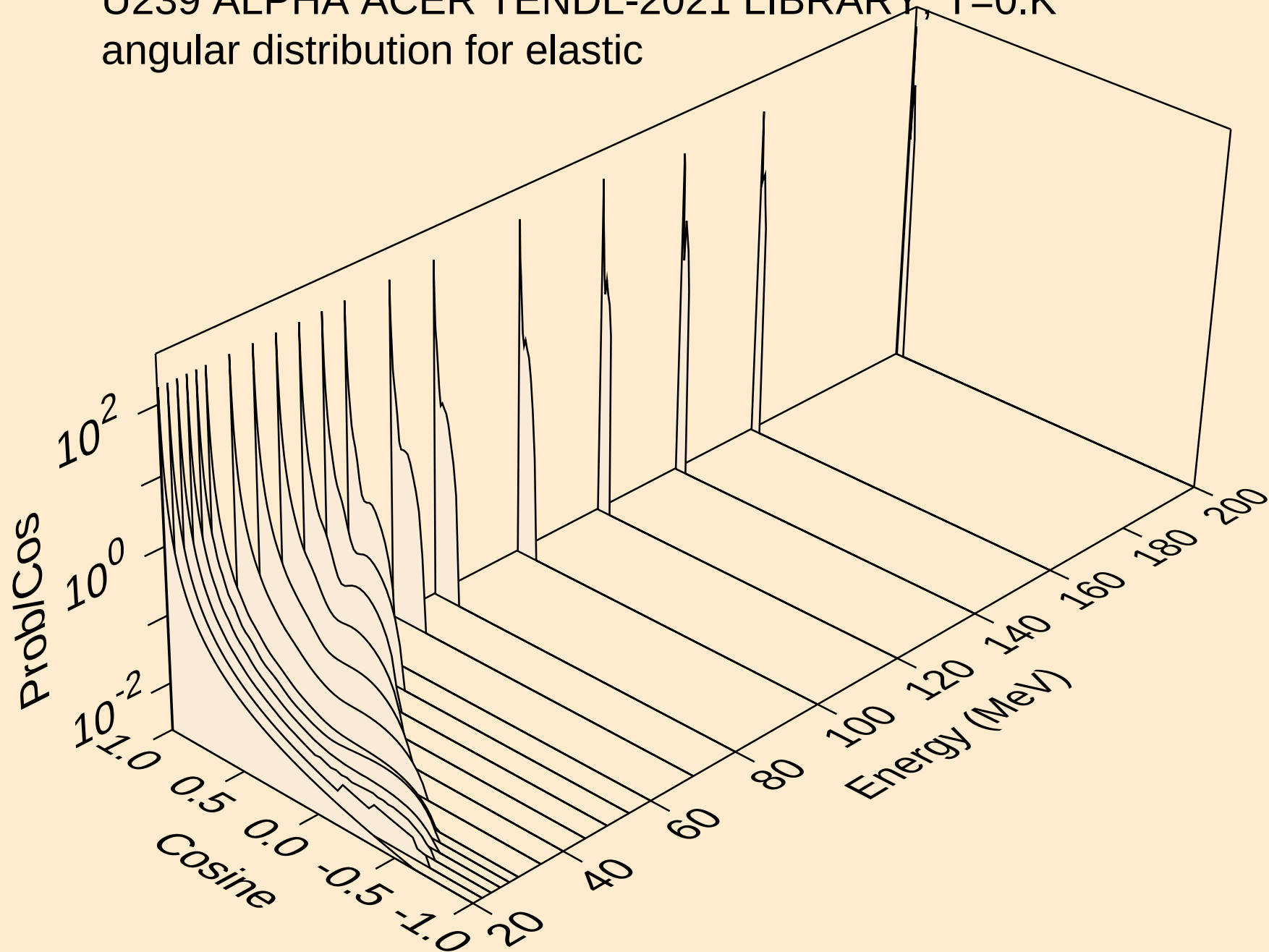
Threshold reactions



U239 ALPHA ACER TENDL-2021 LIBRARY: T=0.K
angular distribution for elastic

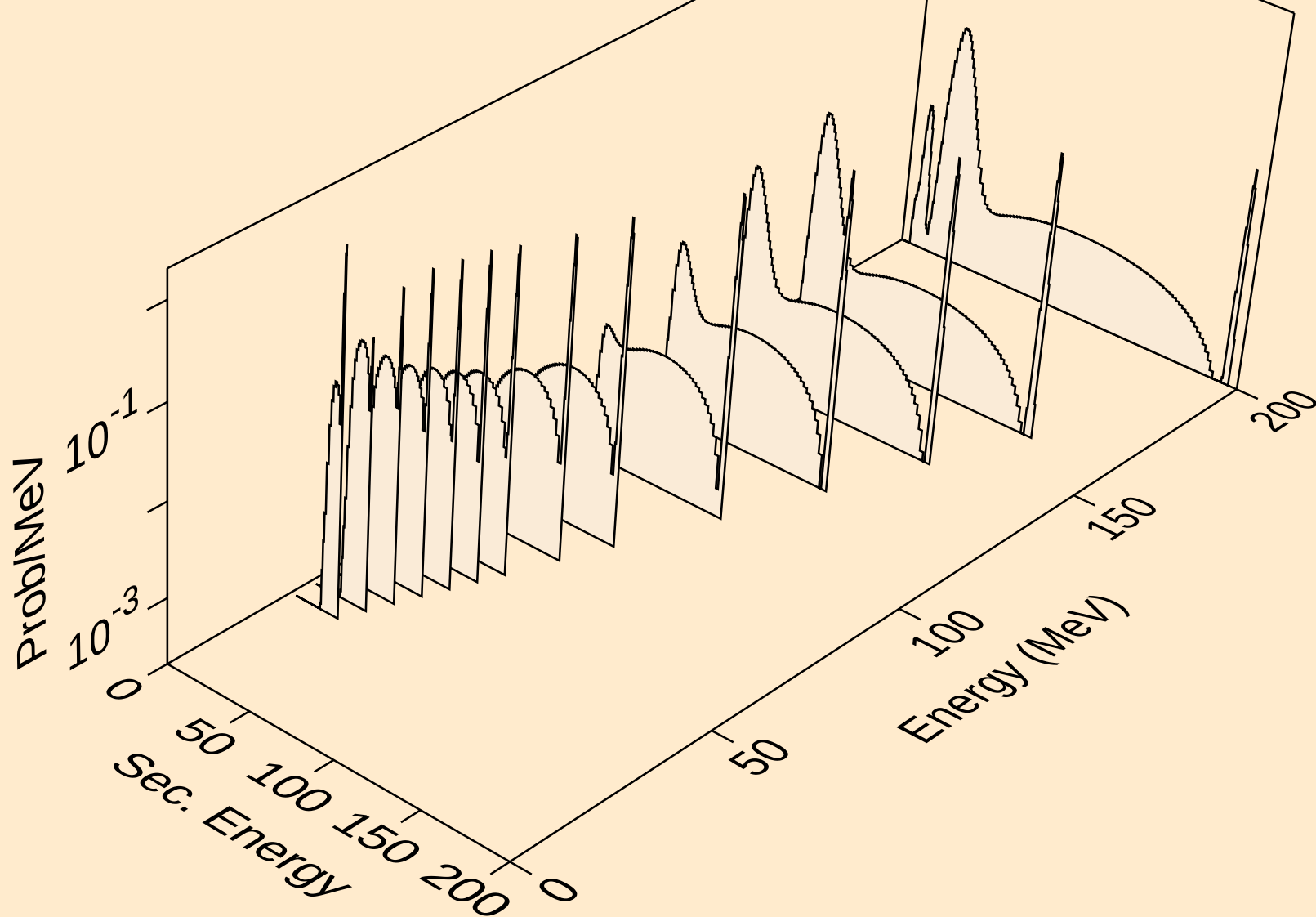


U239 ALPHA ACER TENDL-2021 LIBRARY: T=0.K
angular distribution for elastic



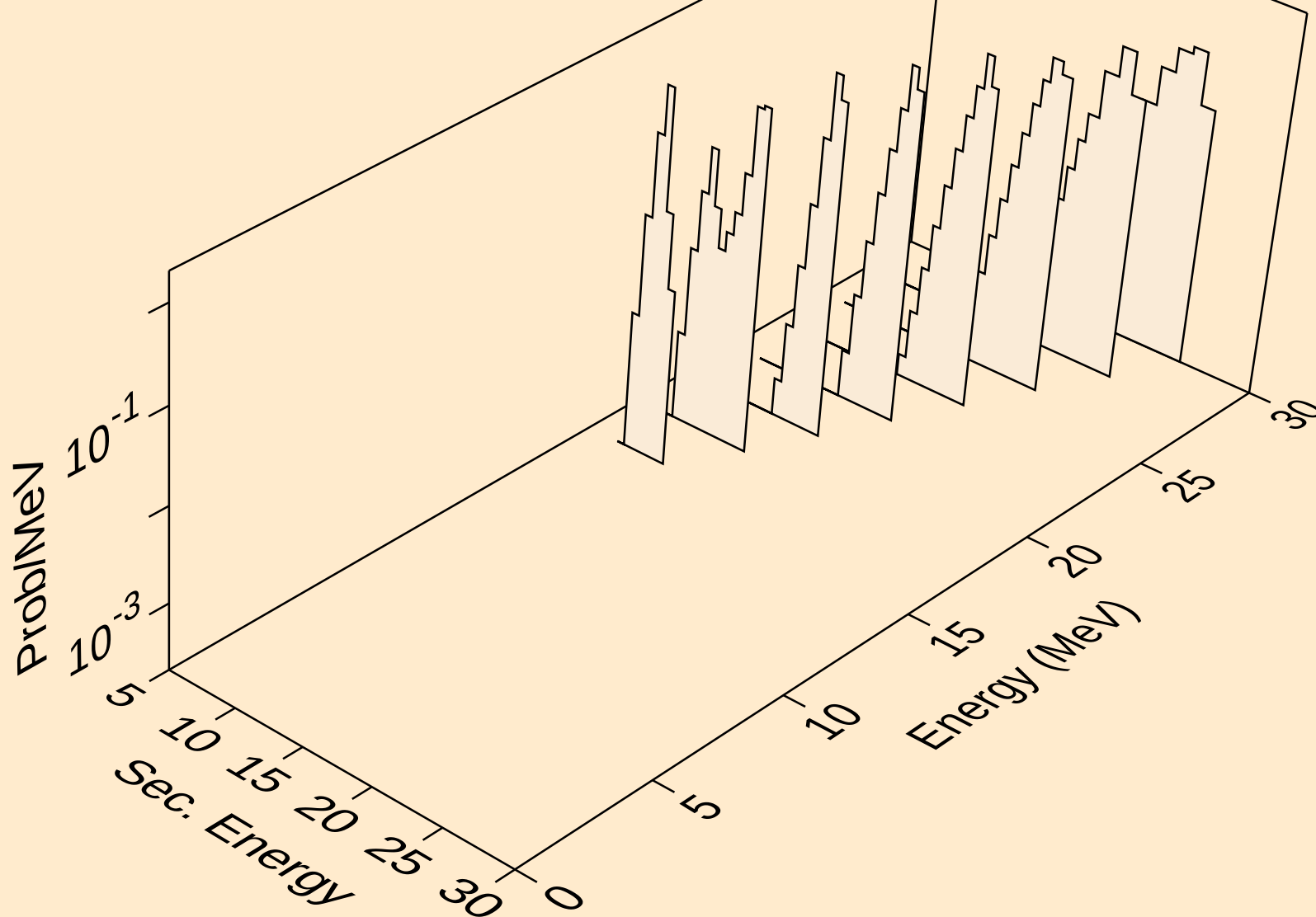
U239 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Alpha emission for (a,x)



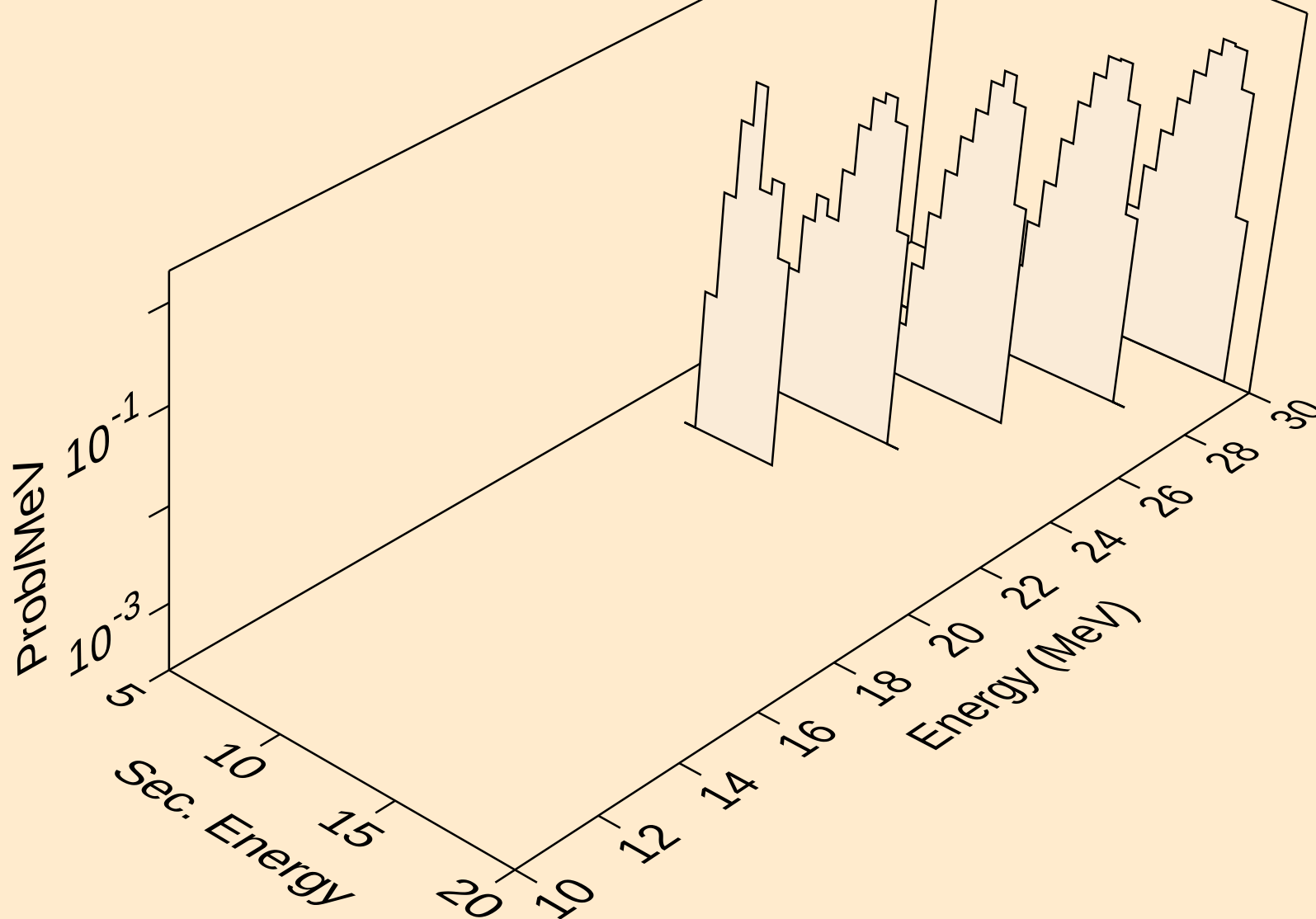
U239 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Alpha emission for (a,n*)a



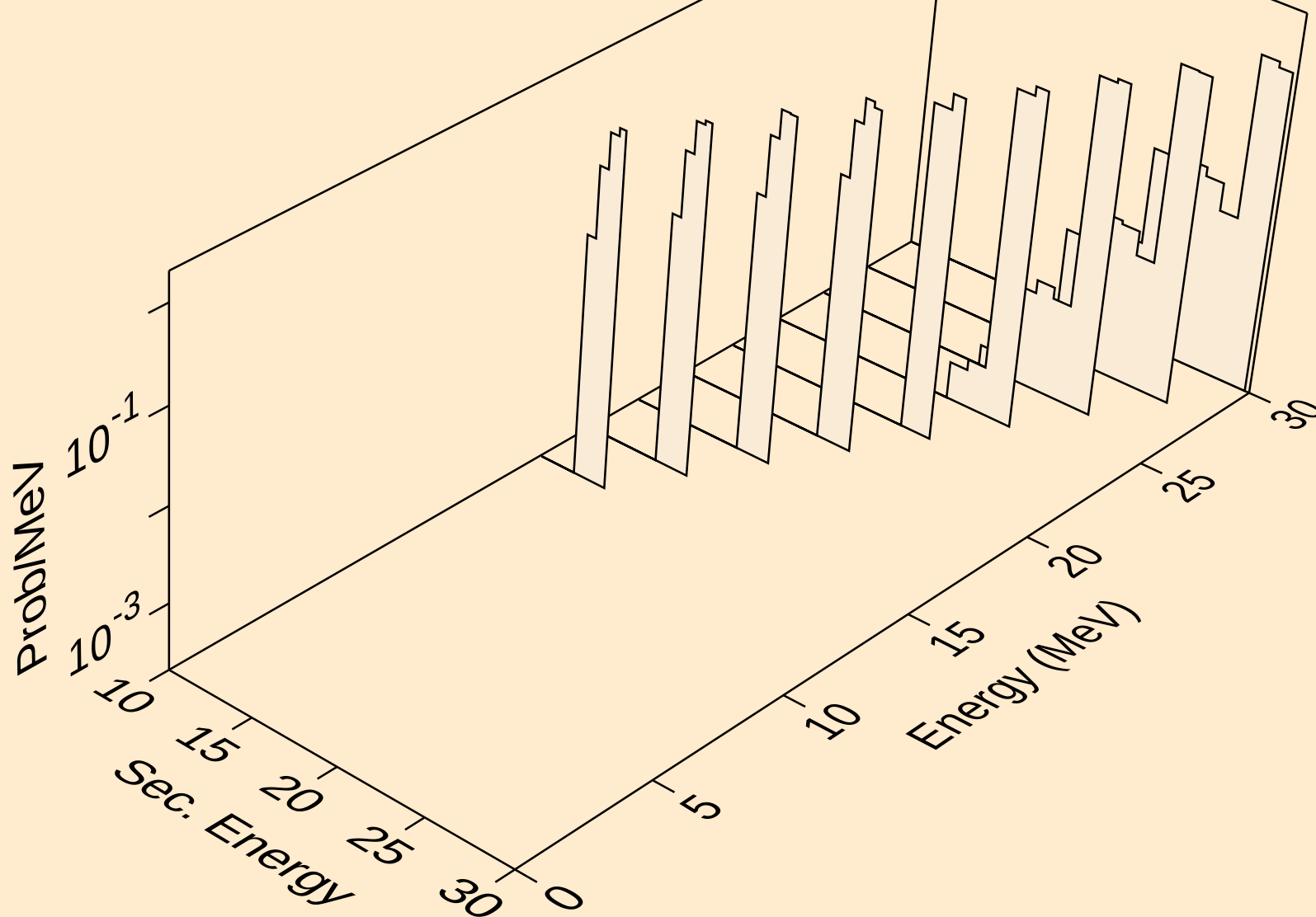
U239 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Alpha emission for (a,2n)a

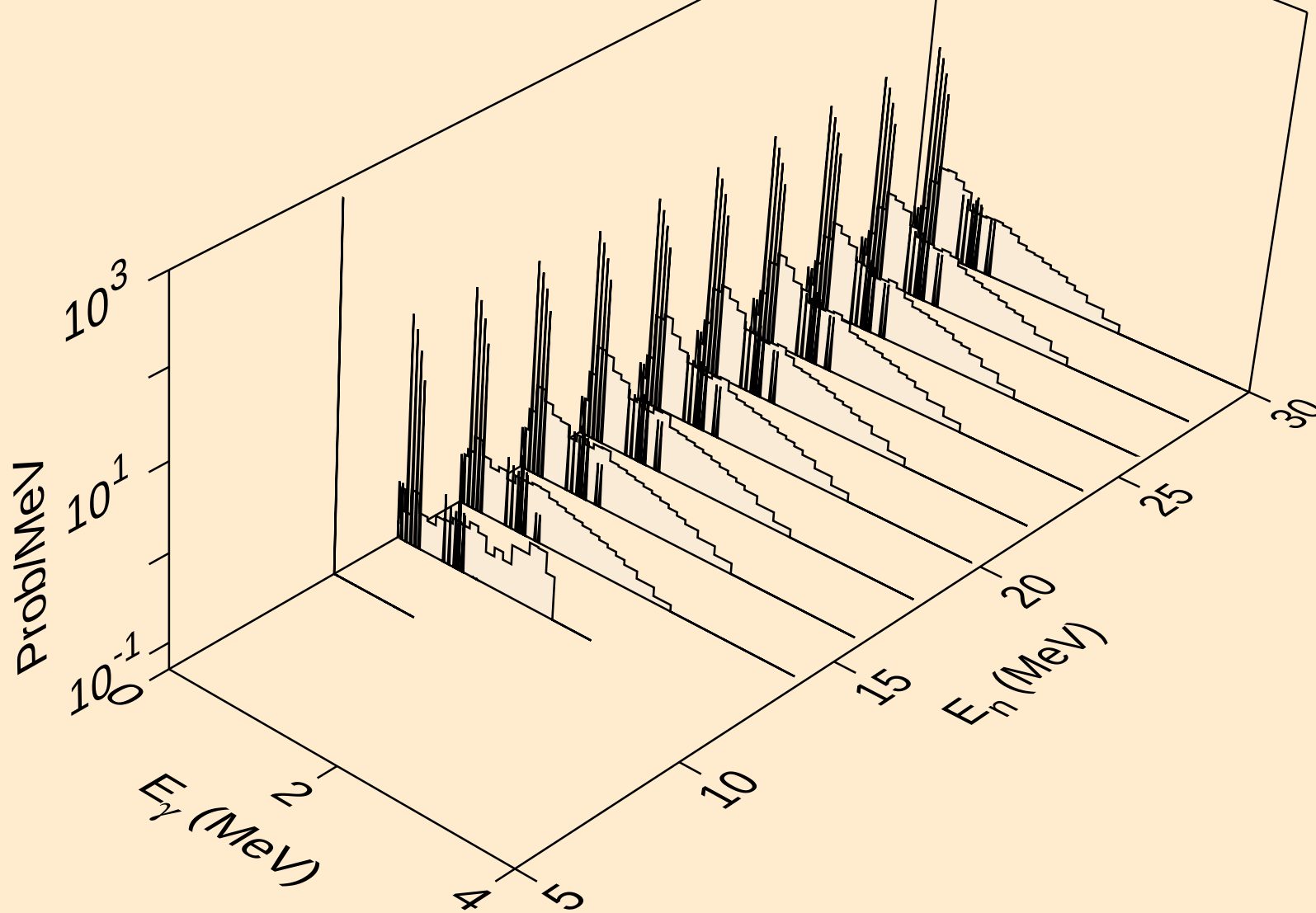


U239 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

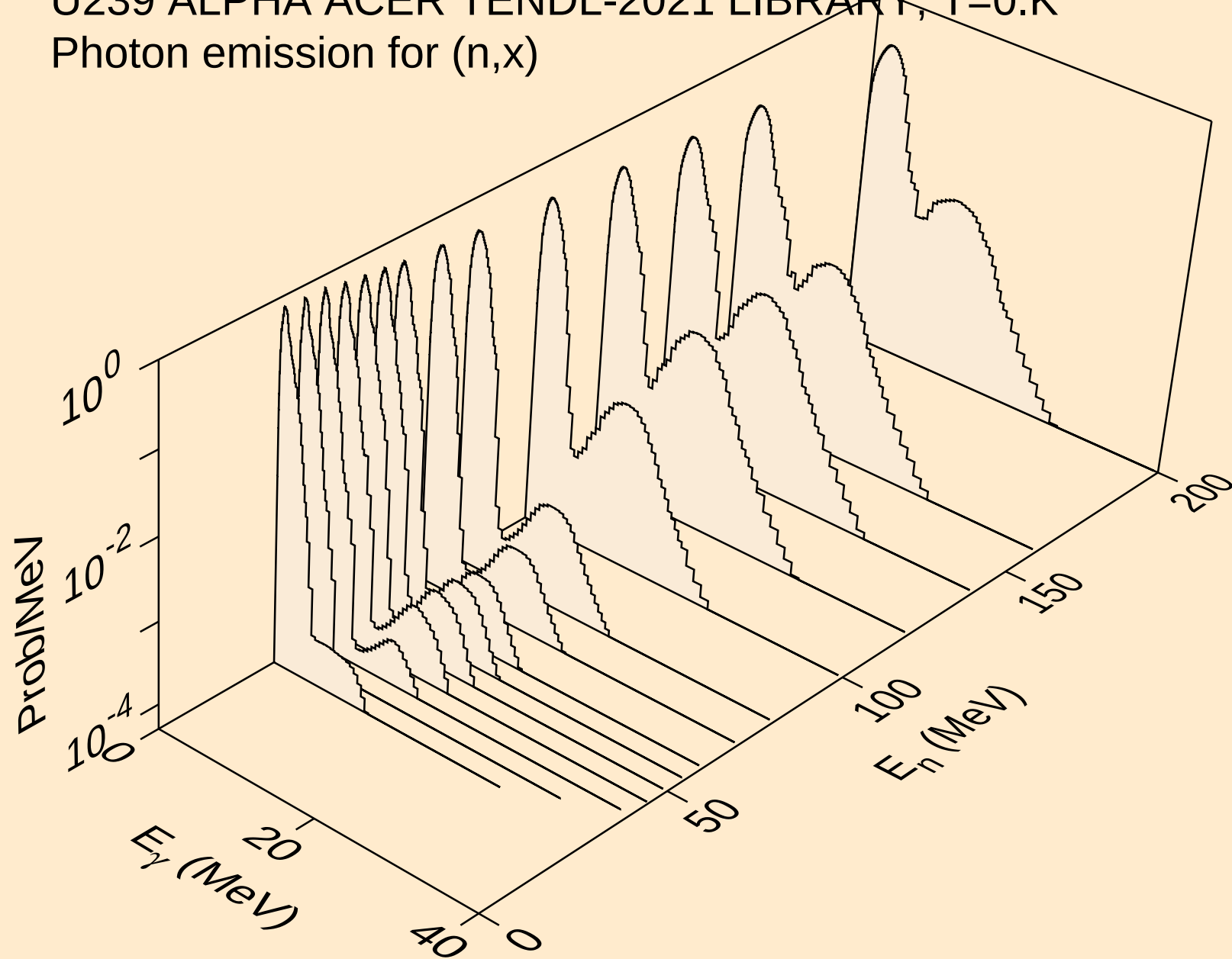
Alpha emission for inelastic



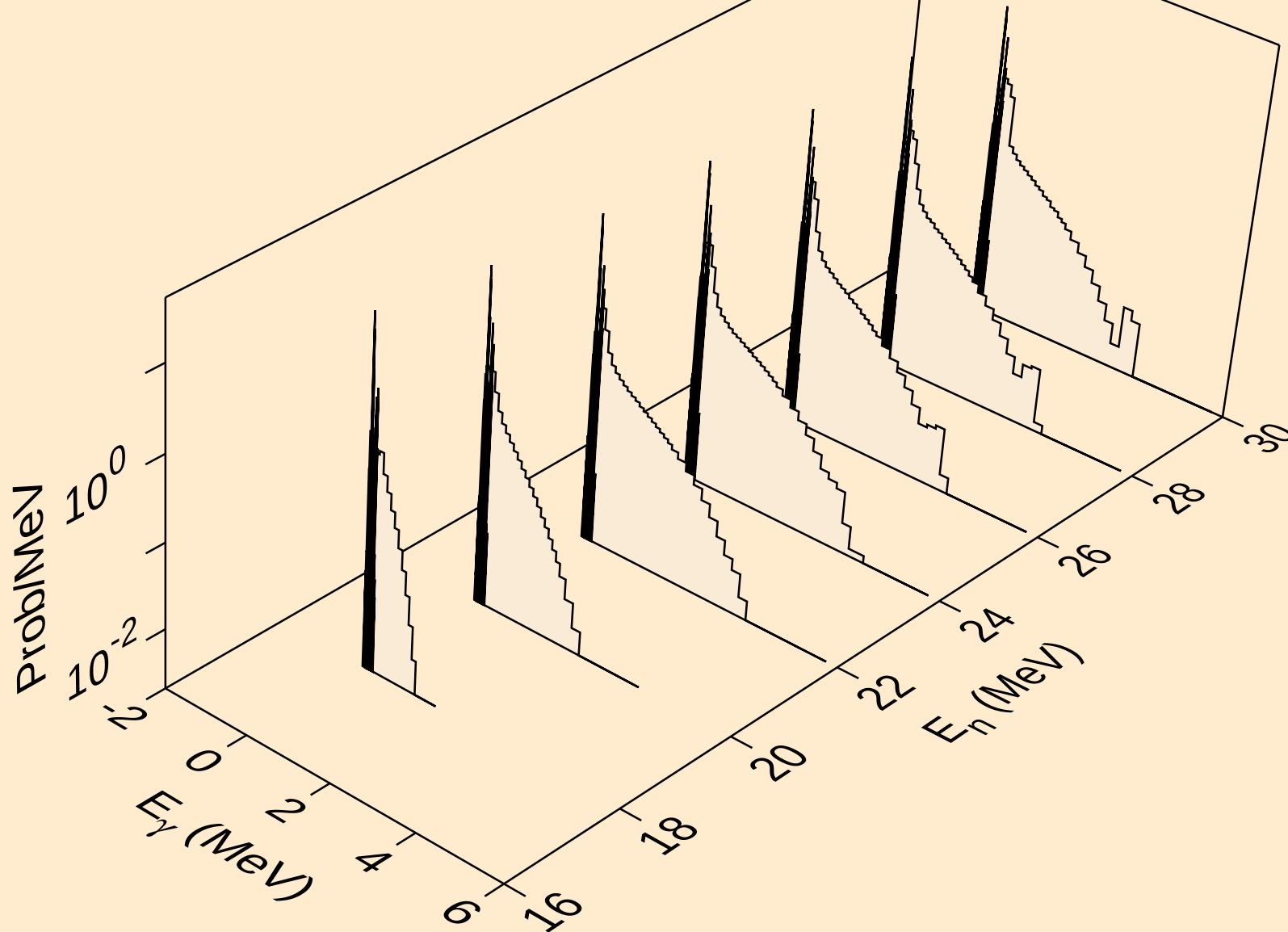
U239 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (z,n)



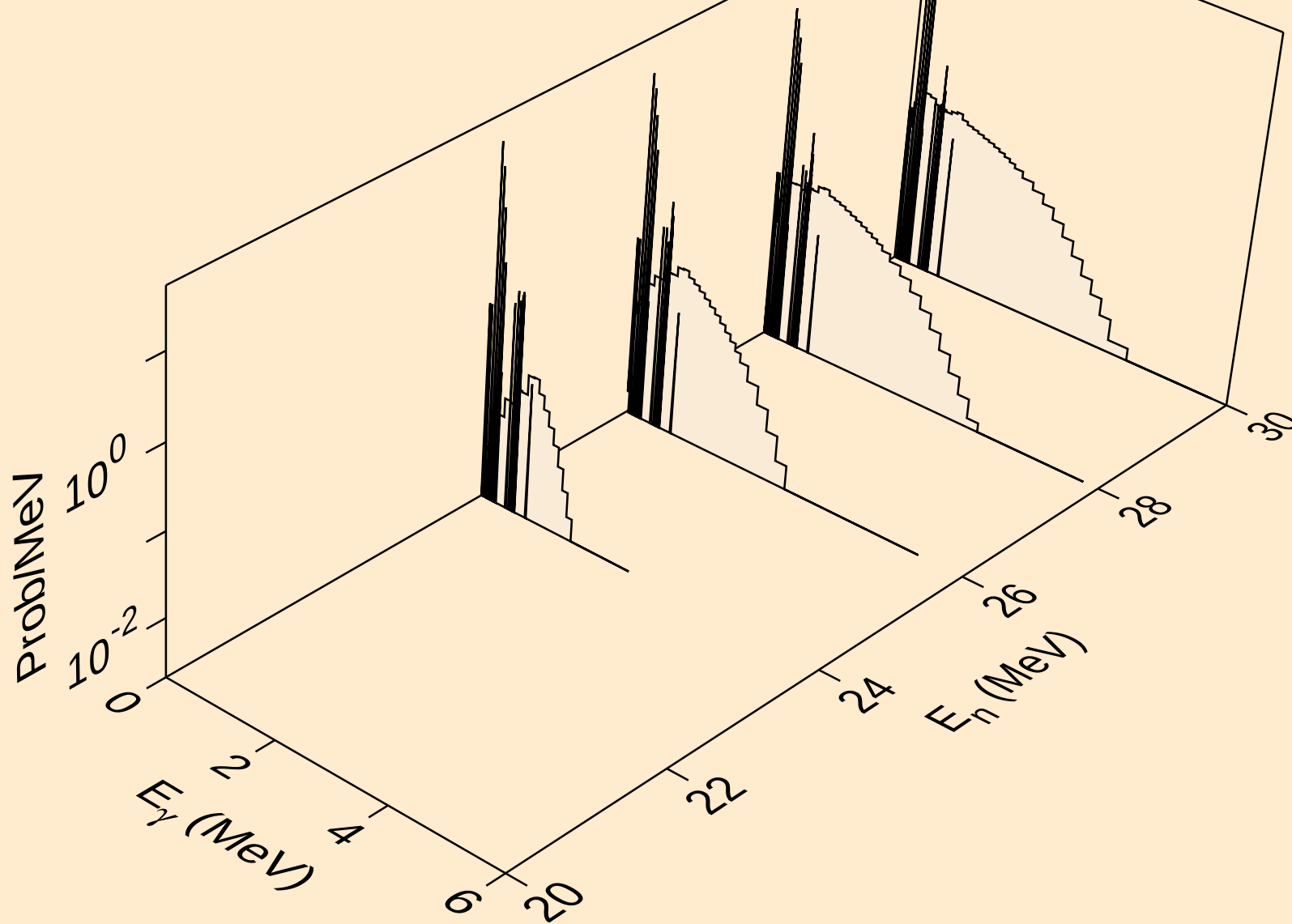
U239 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,x)



U239 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,2n)

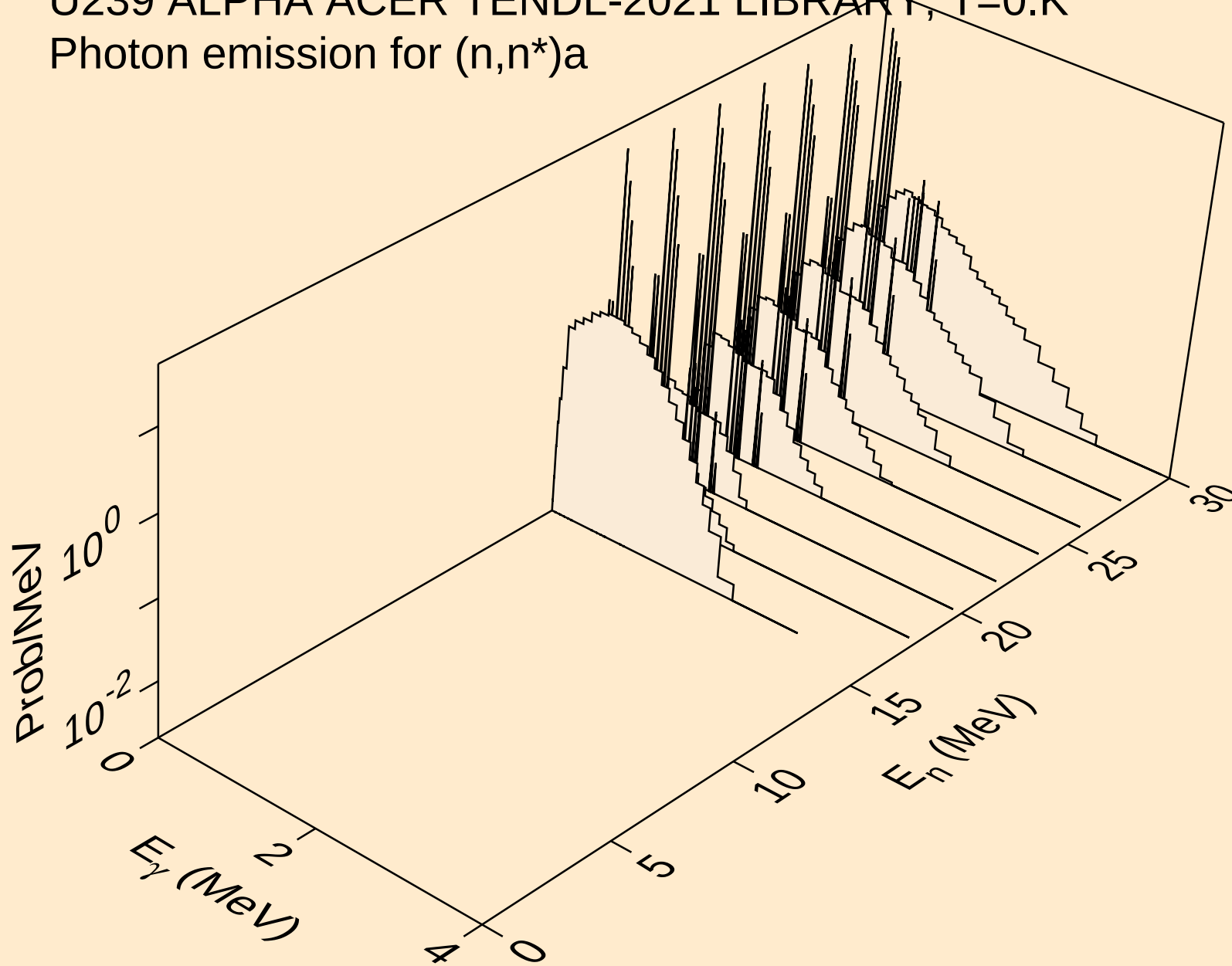


U239 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,3n)



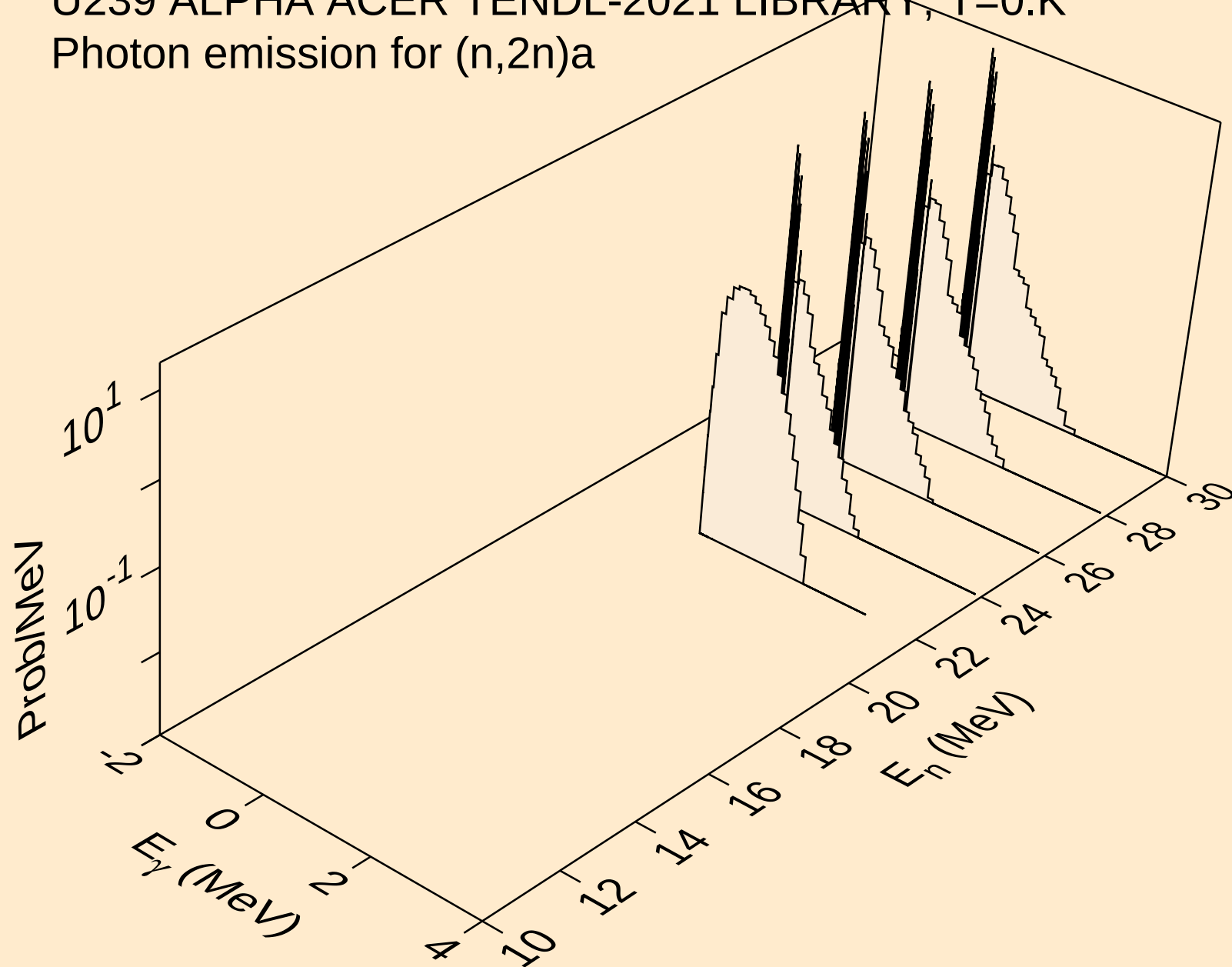
U239 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,n*)a



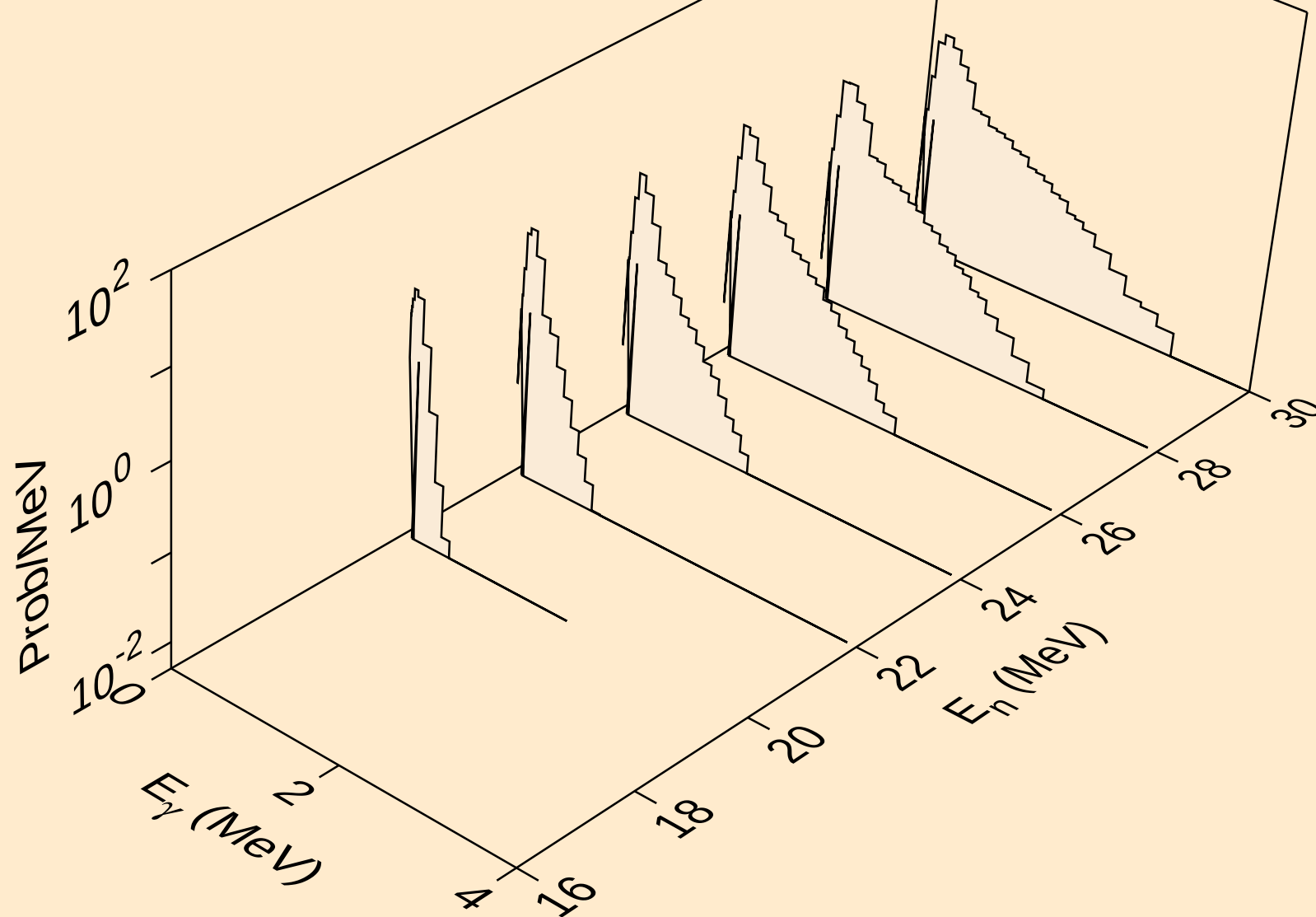
U239 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,2n) α



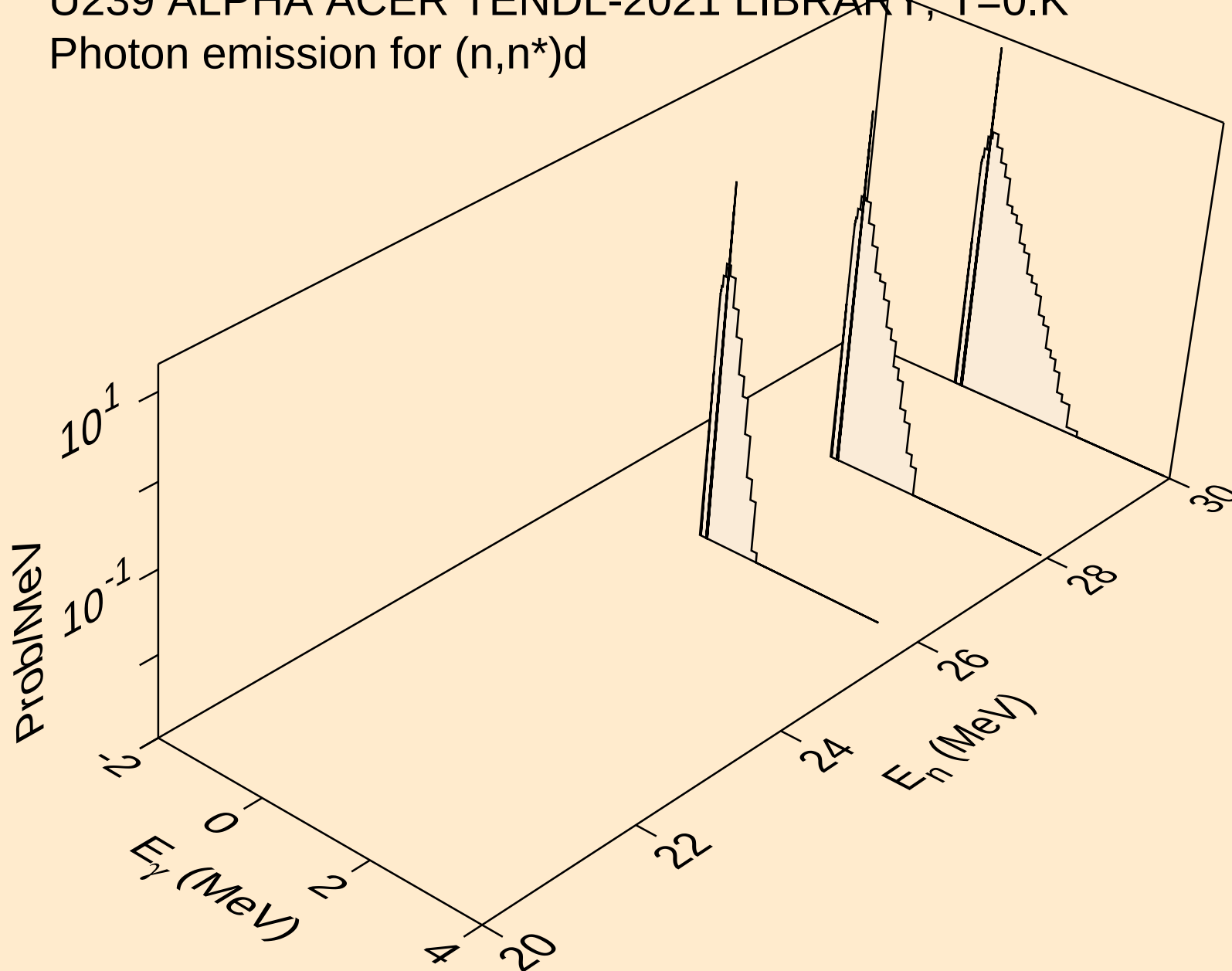
U239 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,n*)p



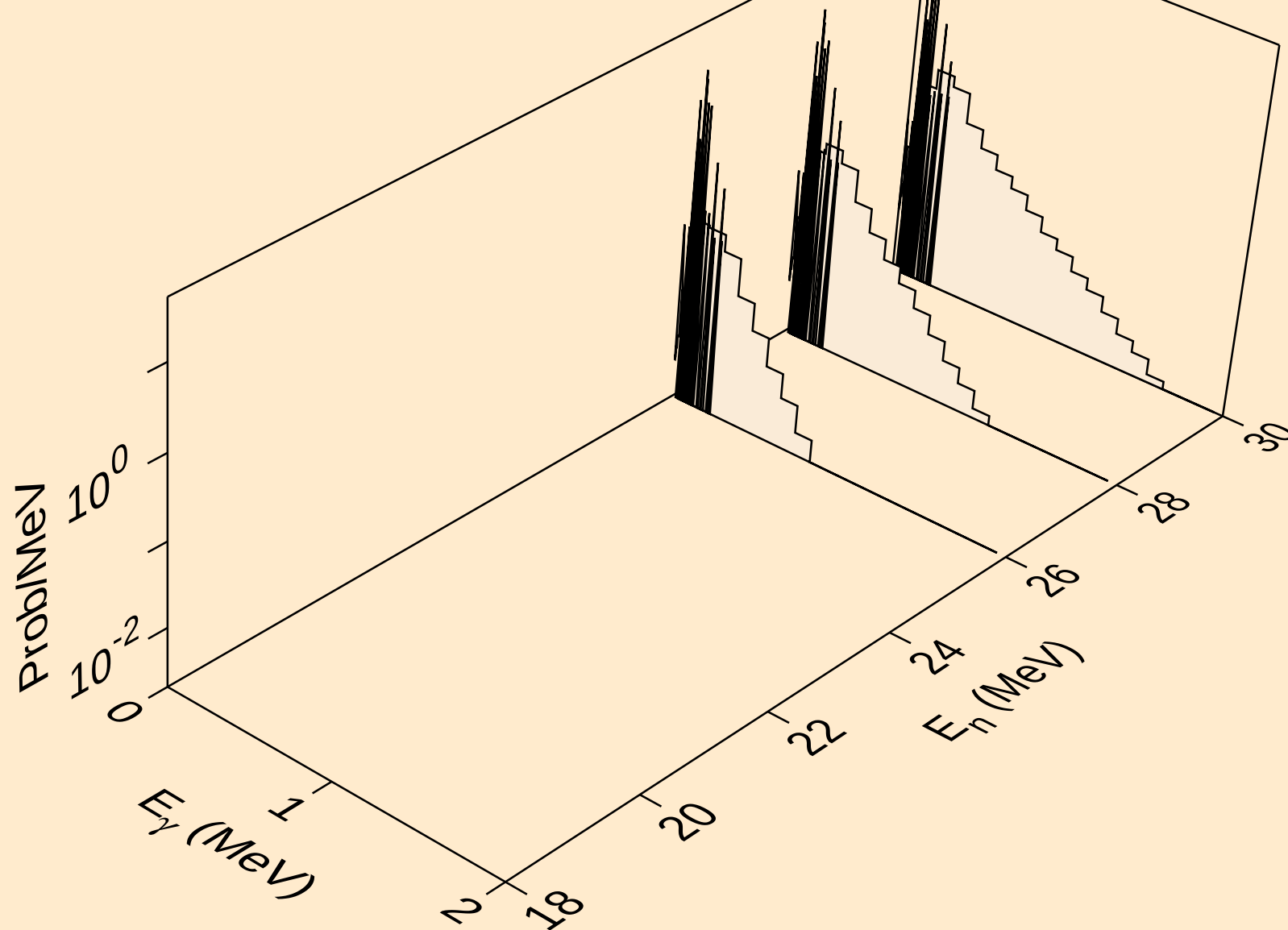
U239 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,n*)d

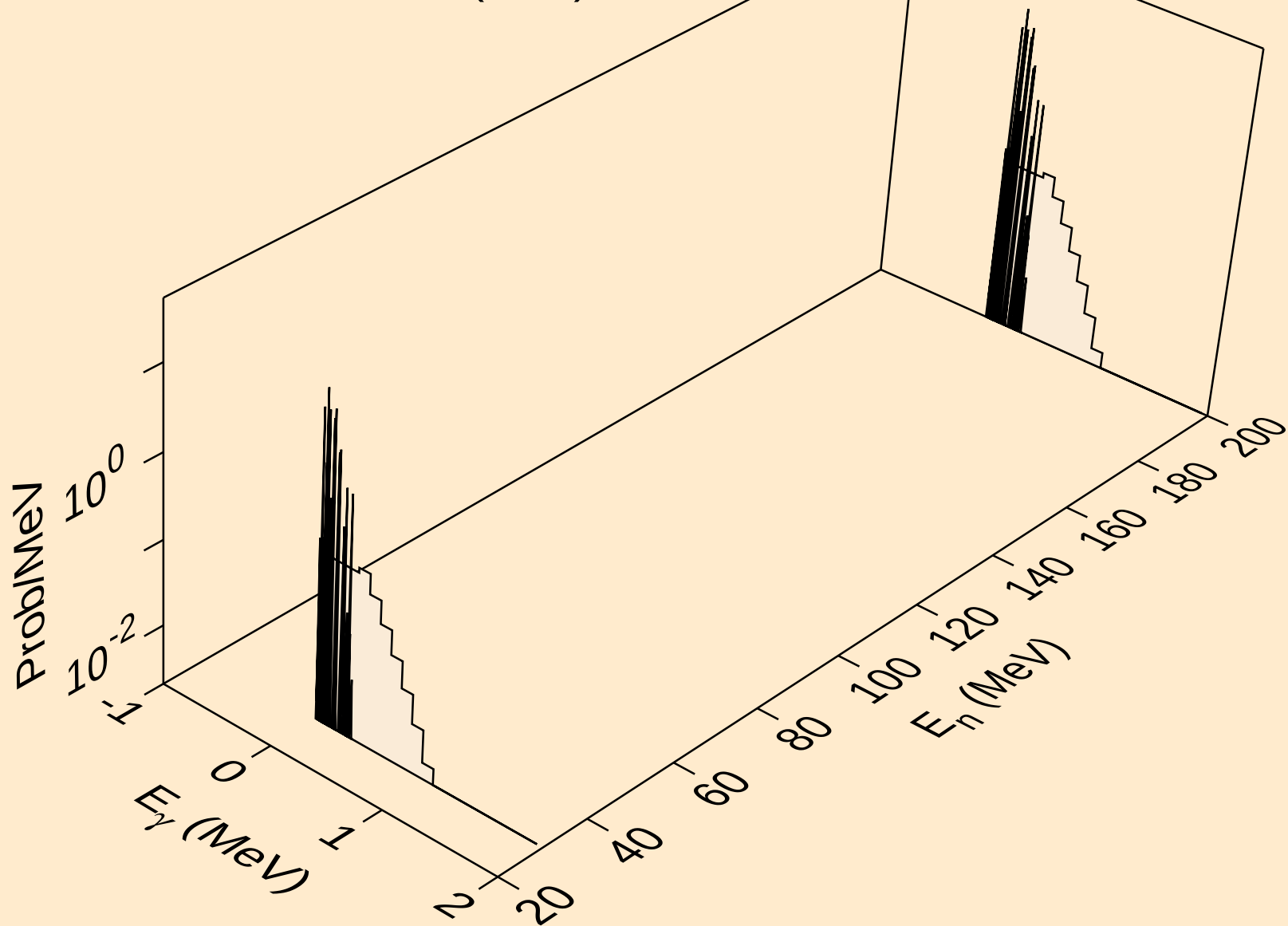


U239 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

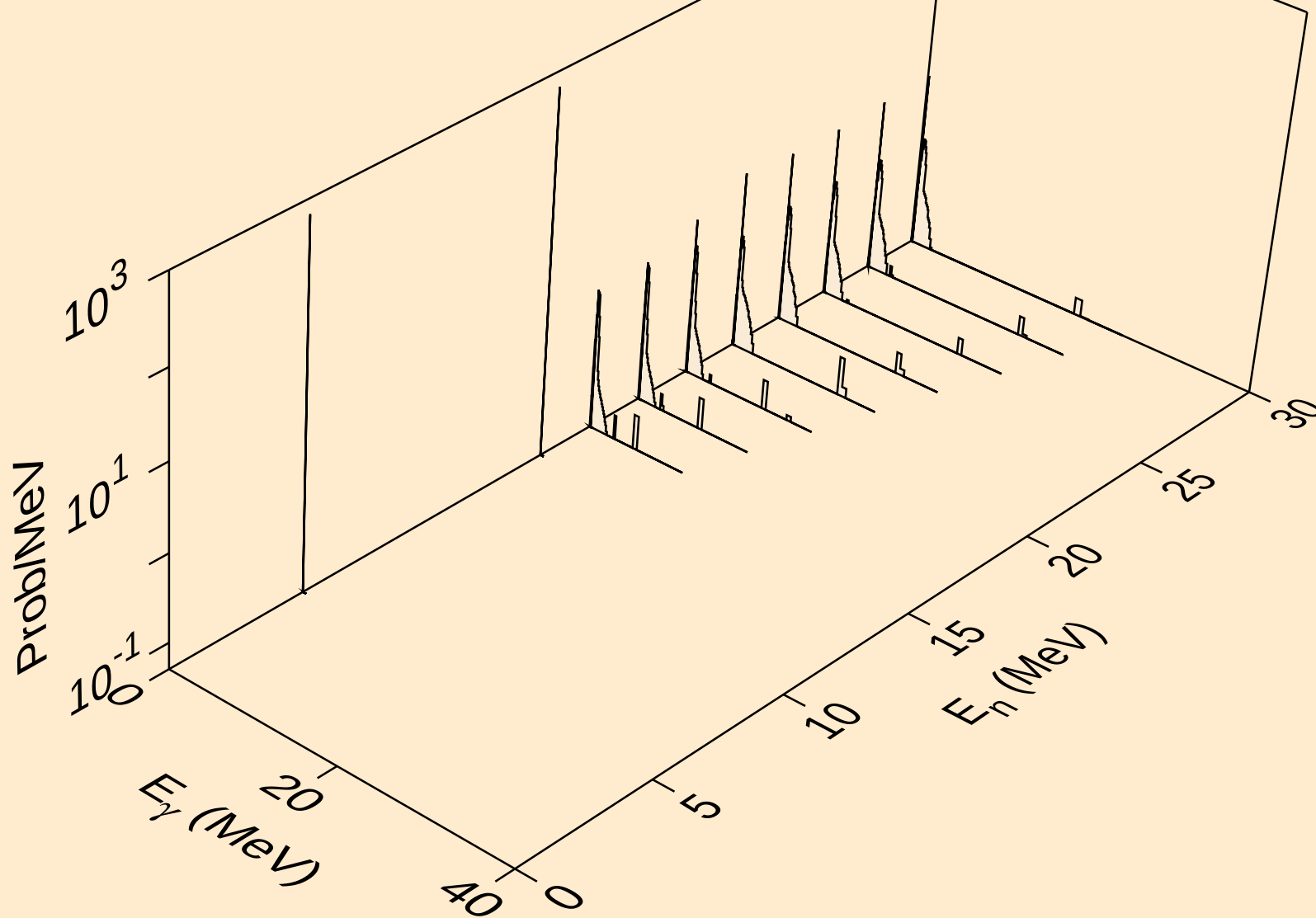
Photon emission for (n,n*)t



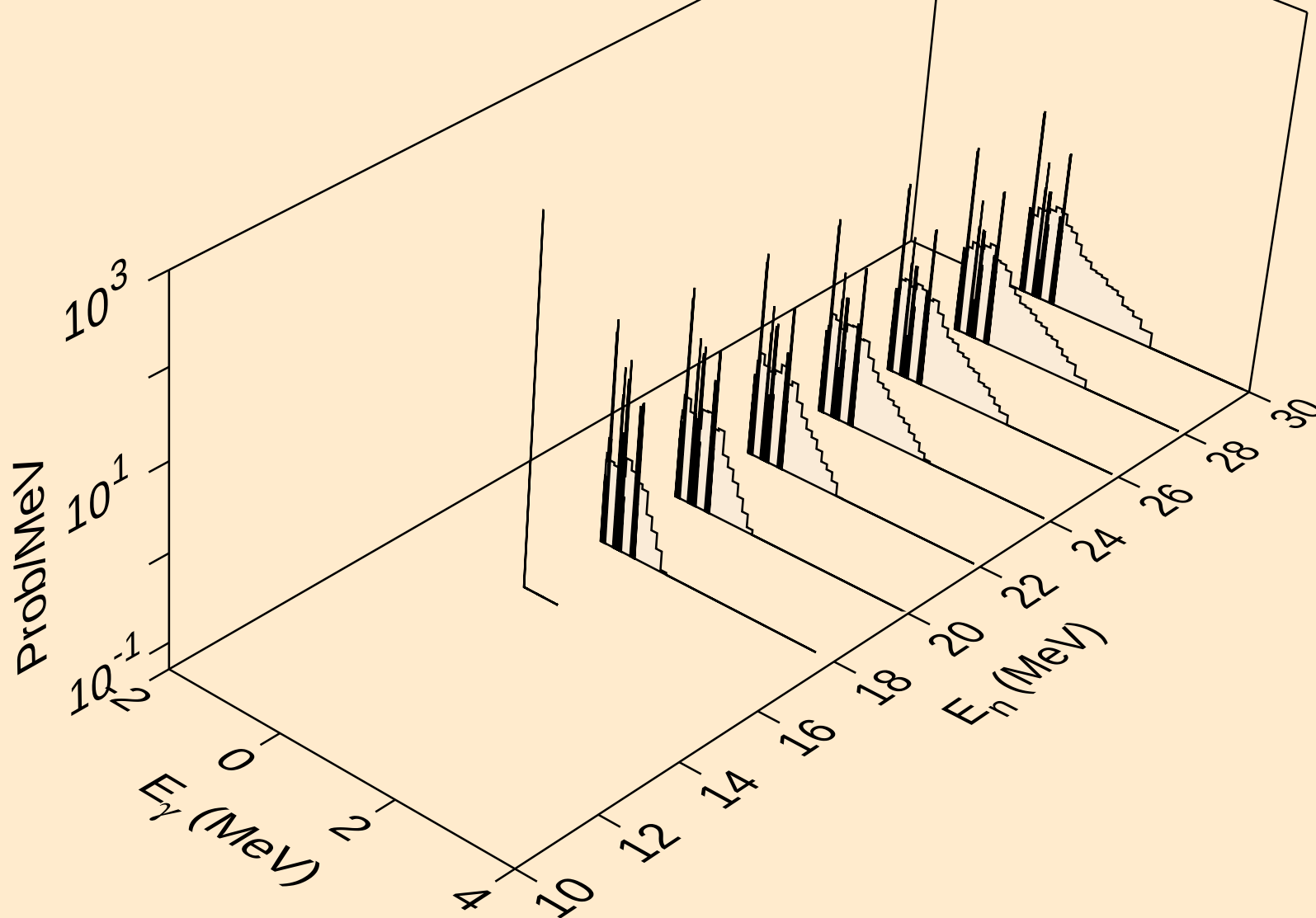
U239 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,4n)



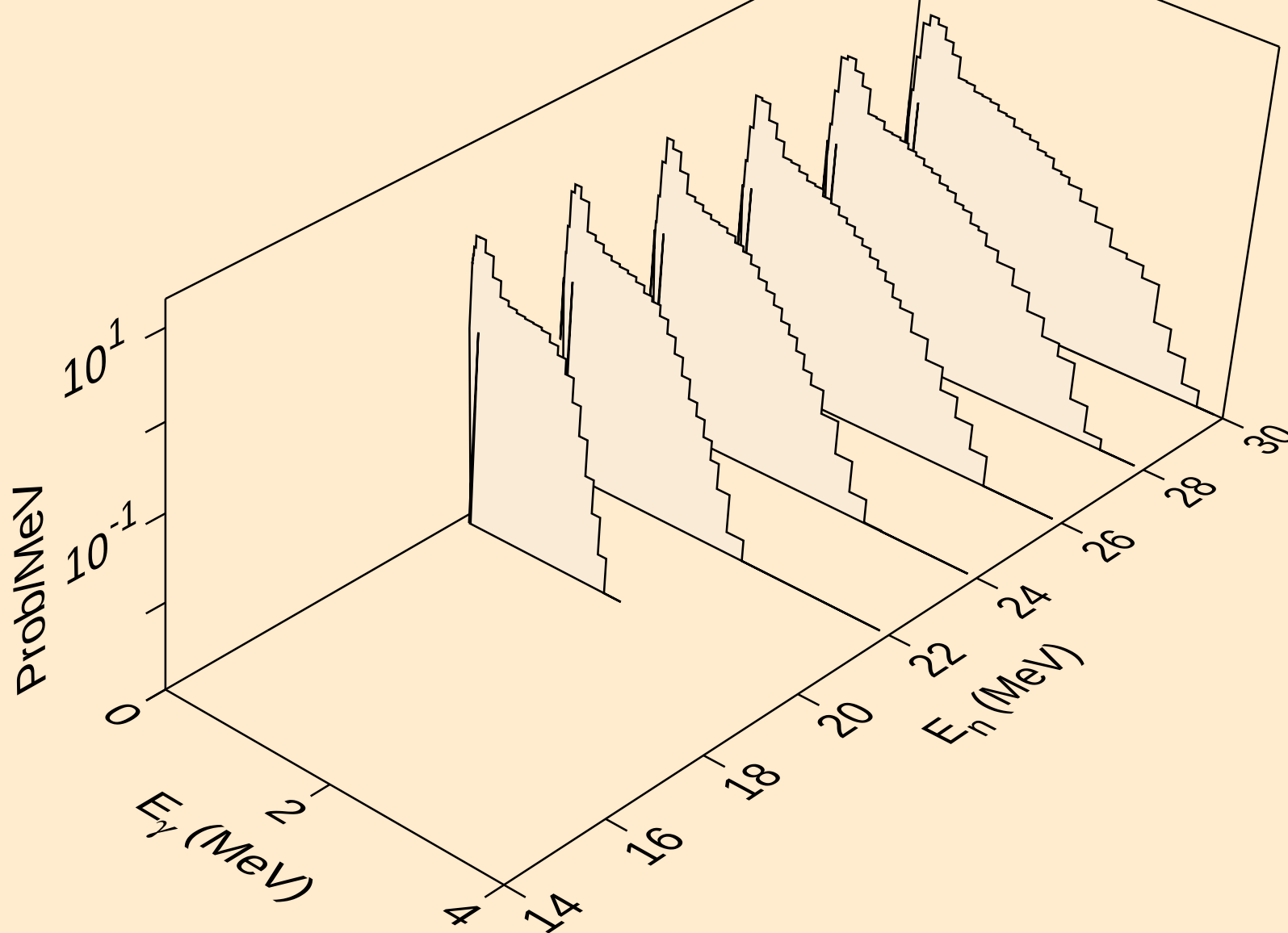
U239 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,gma)



U239 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,p)

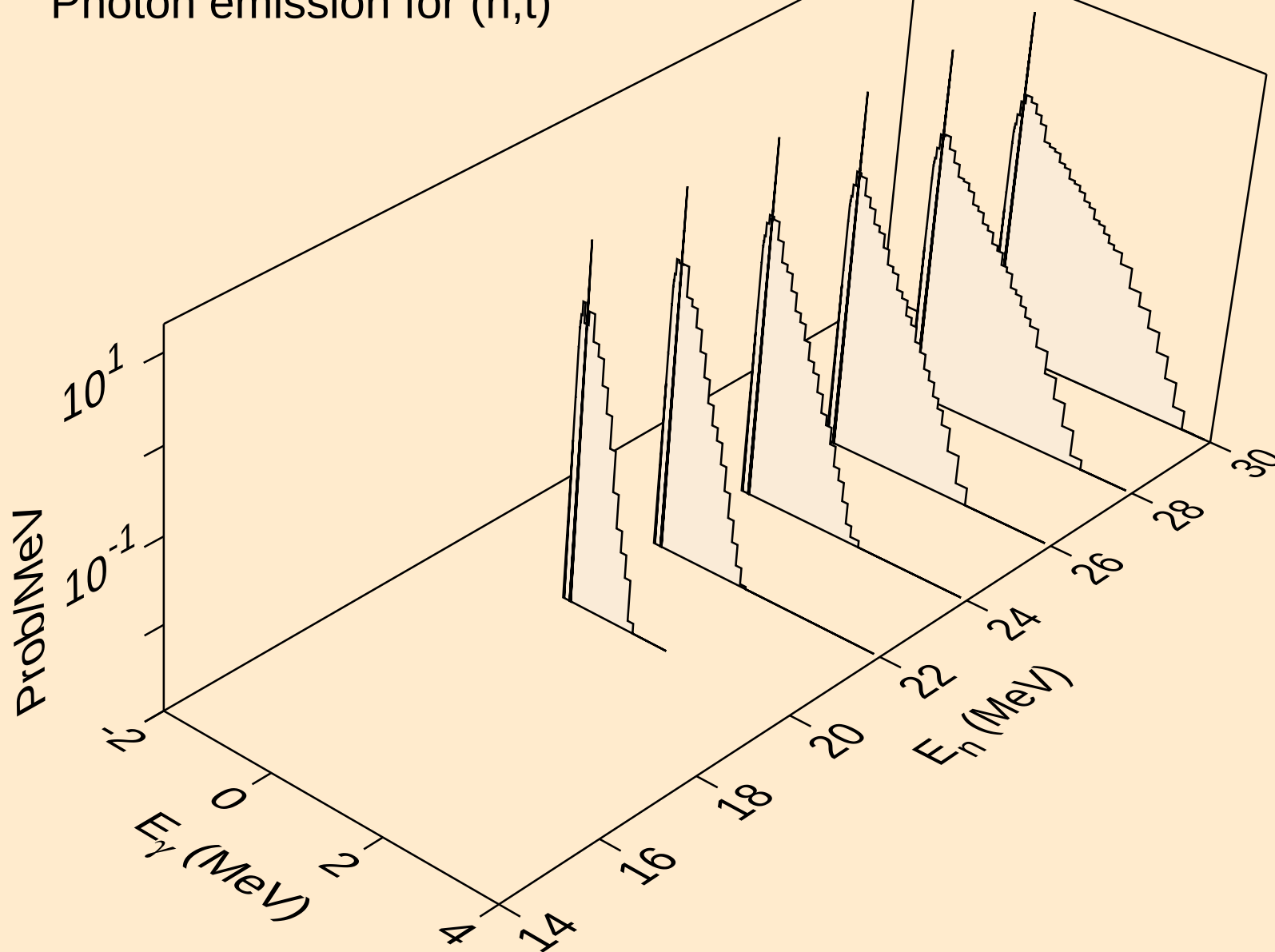


U239 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for (n,d)

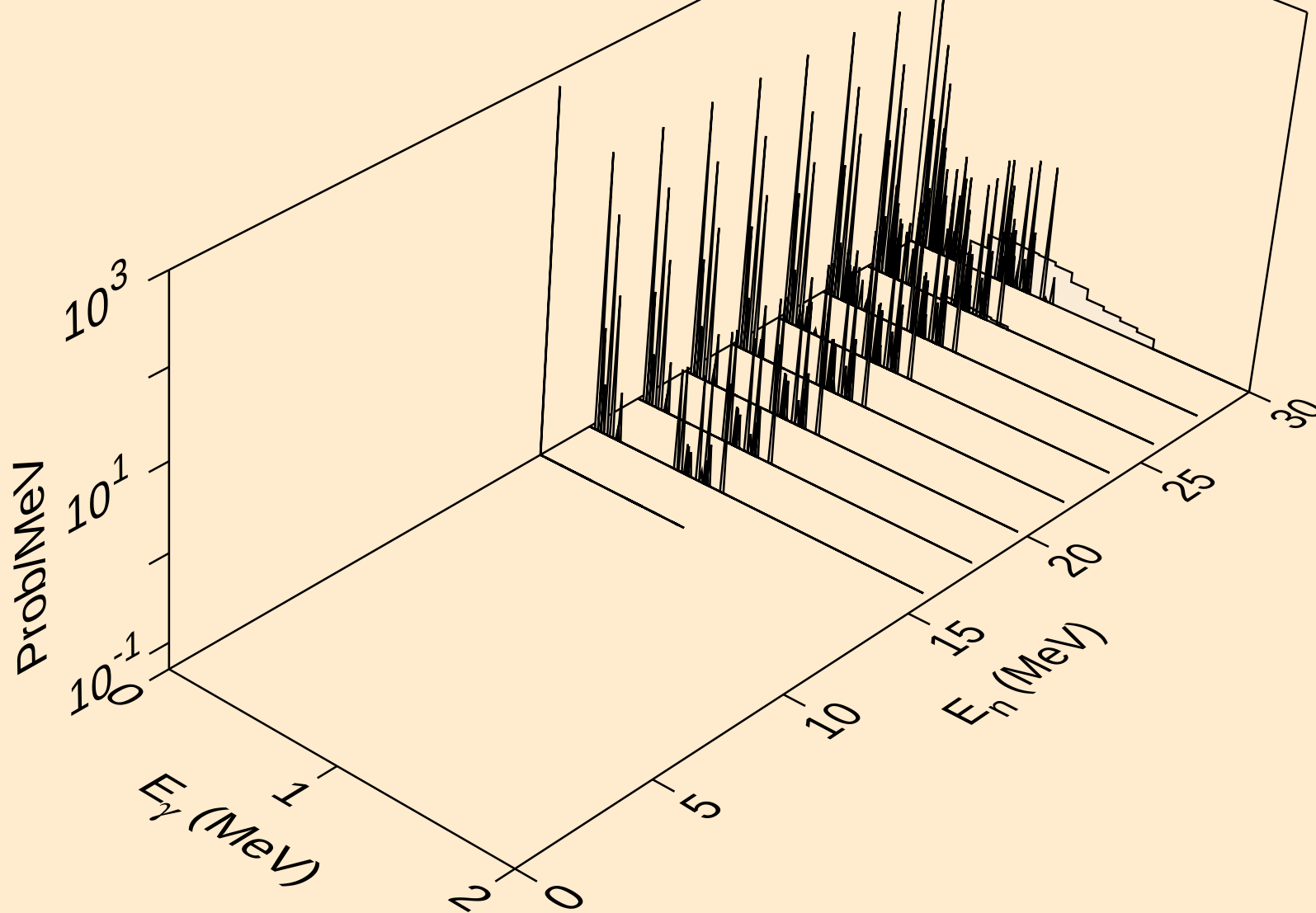


U239 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Photon emission for (n,t)

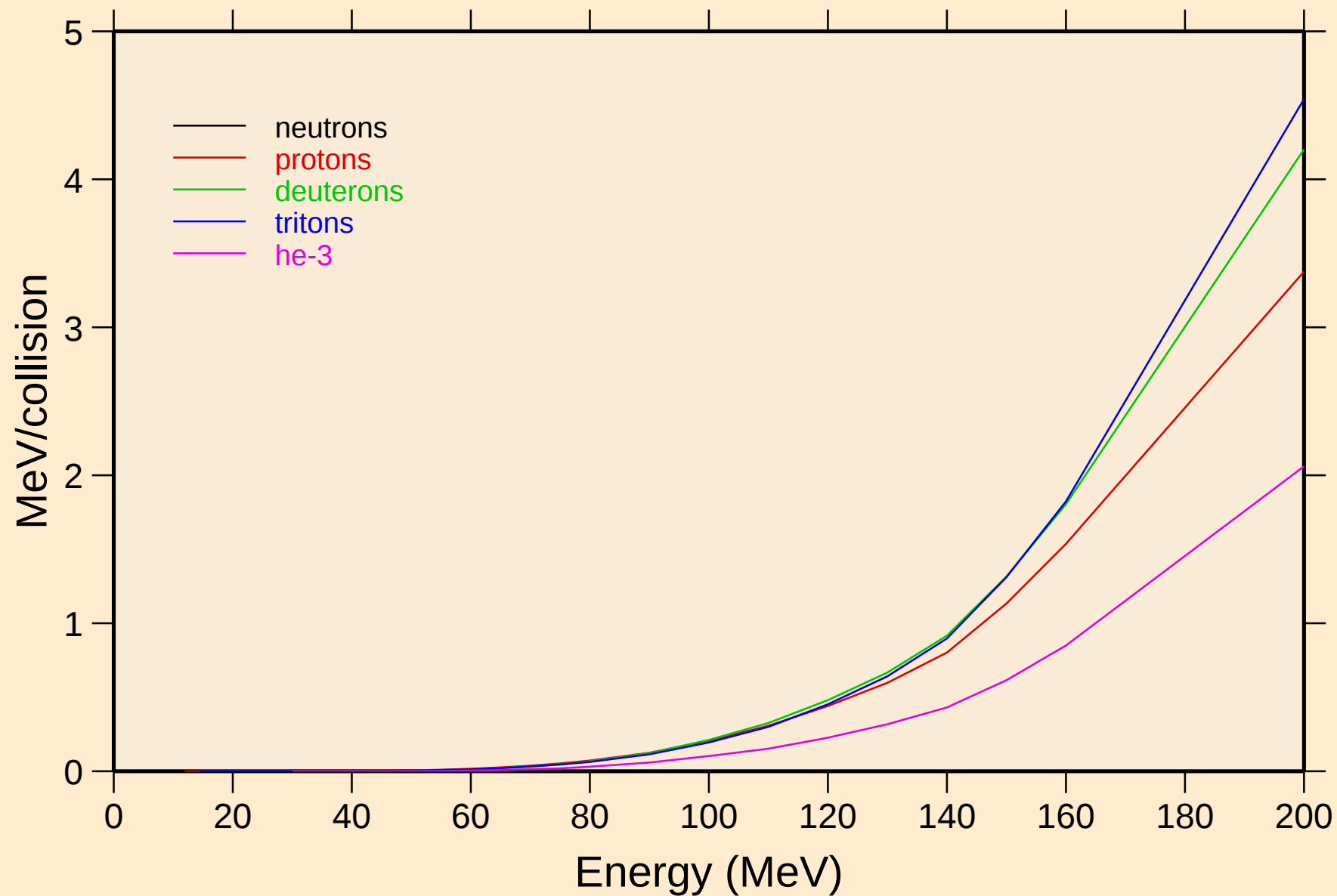


U239 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
Photon emission for inelastic



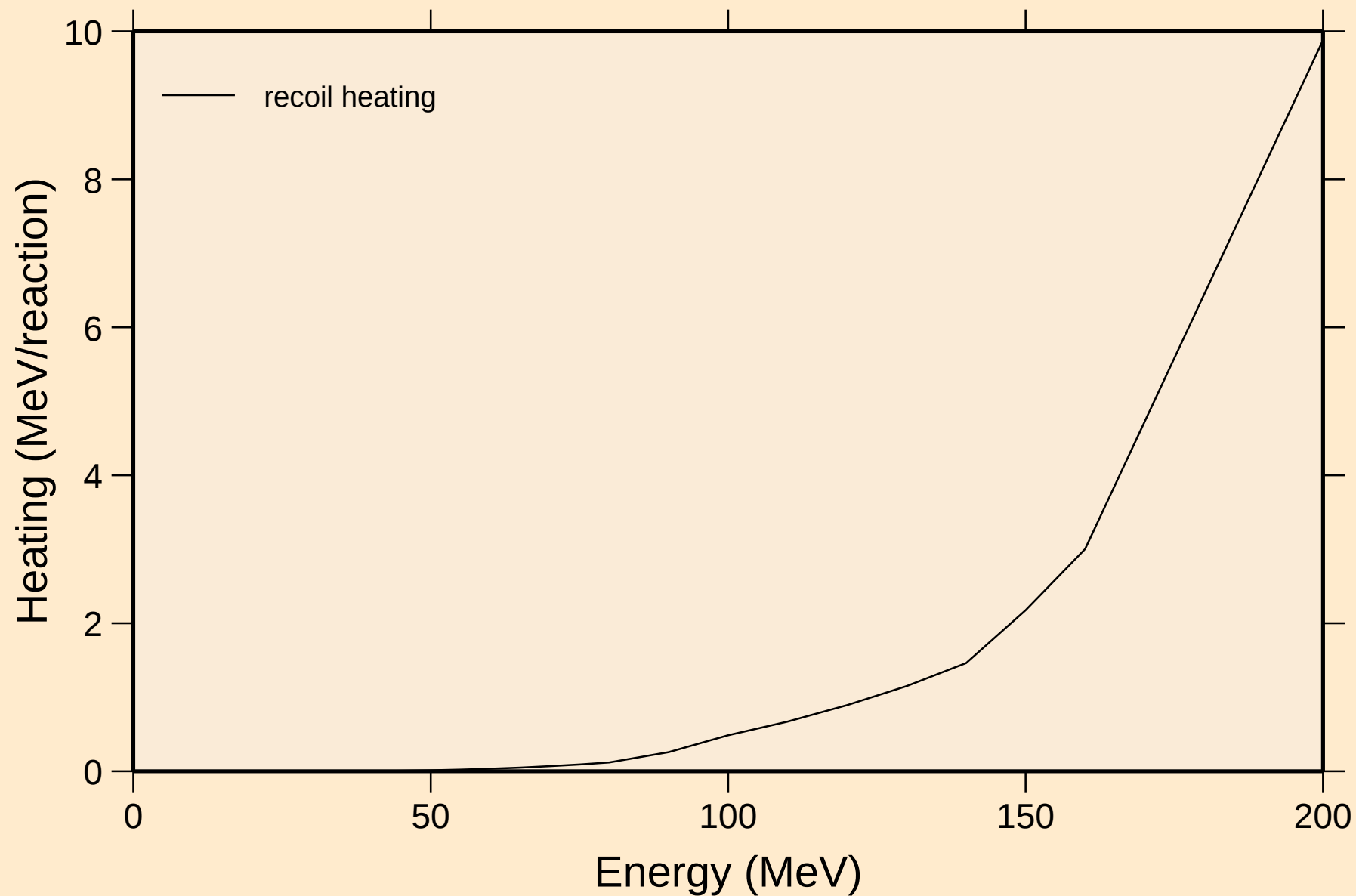
U239 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Particle heating contributions



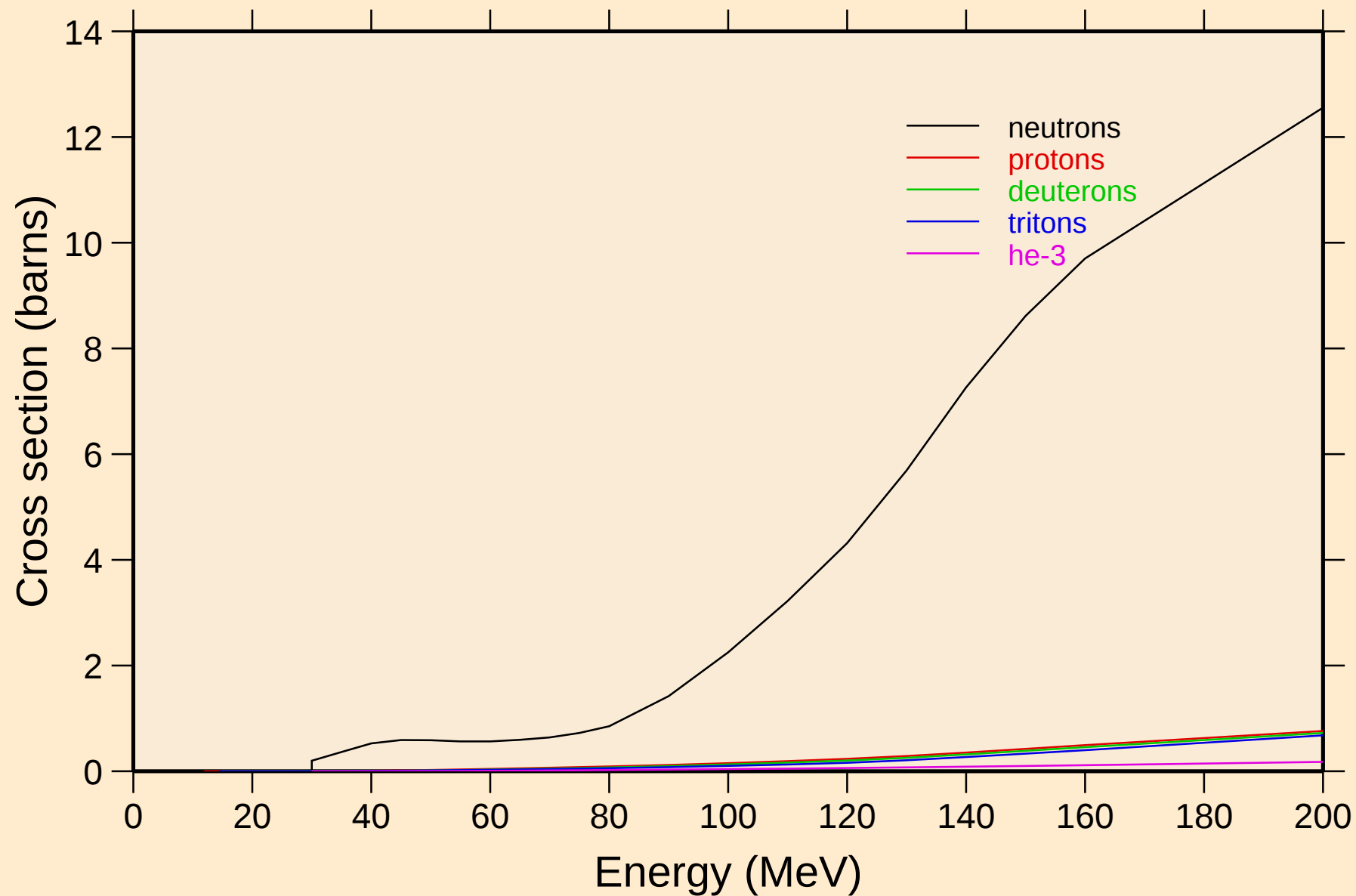
U239 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

Recoil Heating

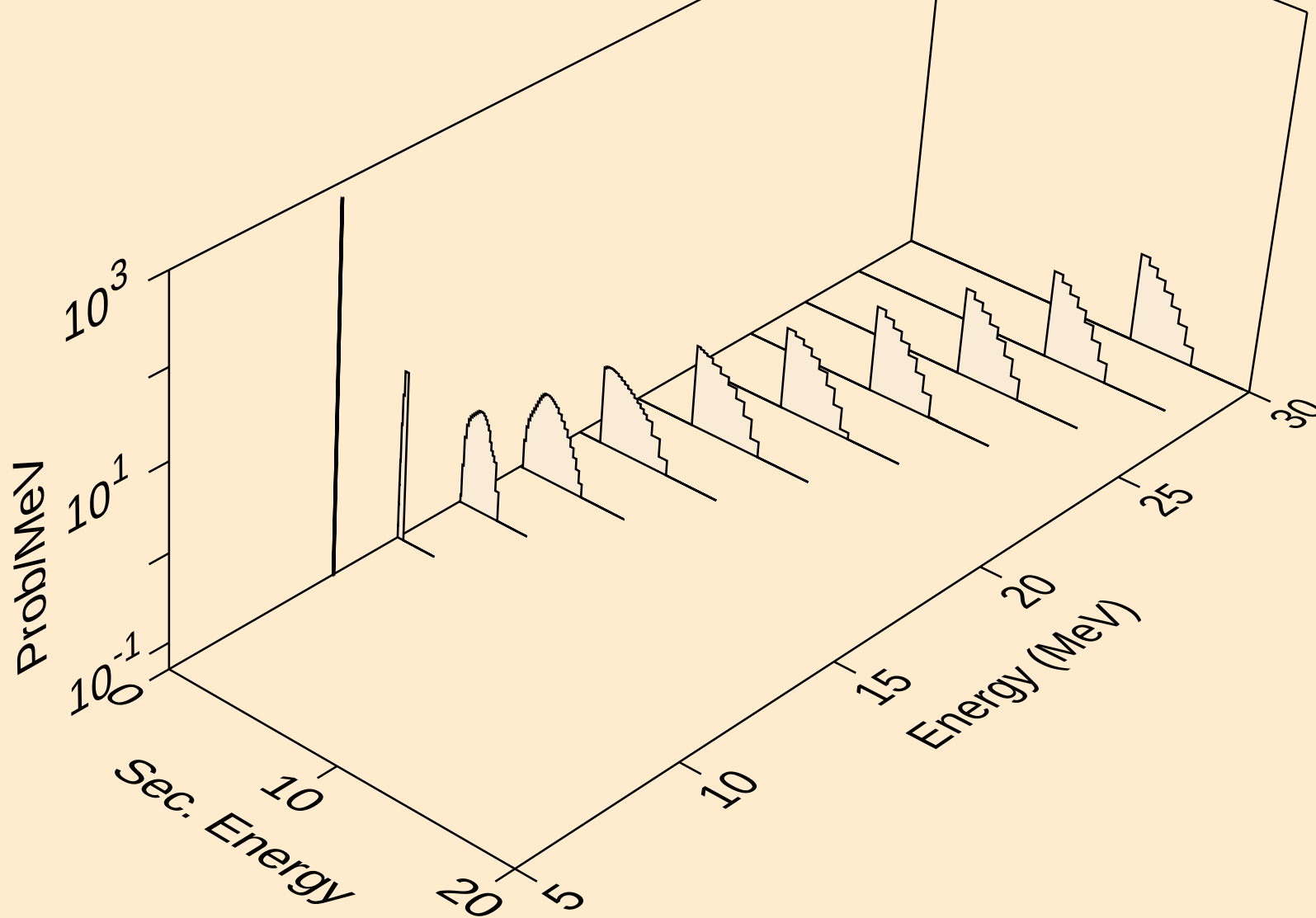


U239 ALPHA ACER TENDL-2021 LIBRARY; T=0.K

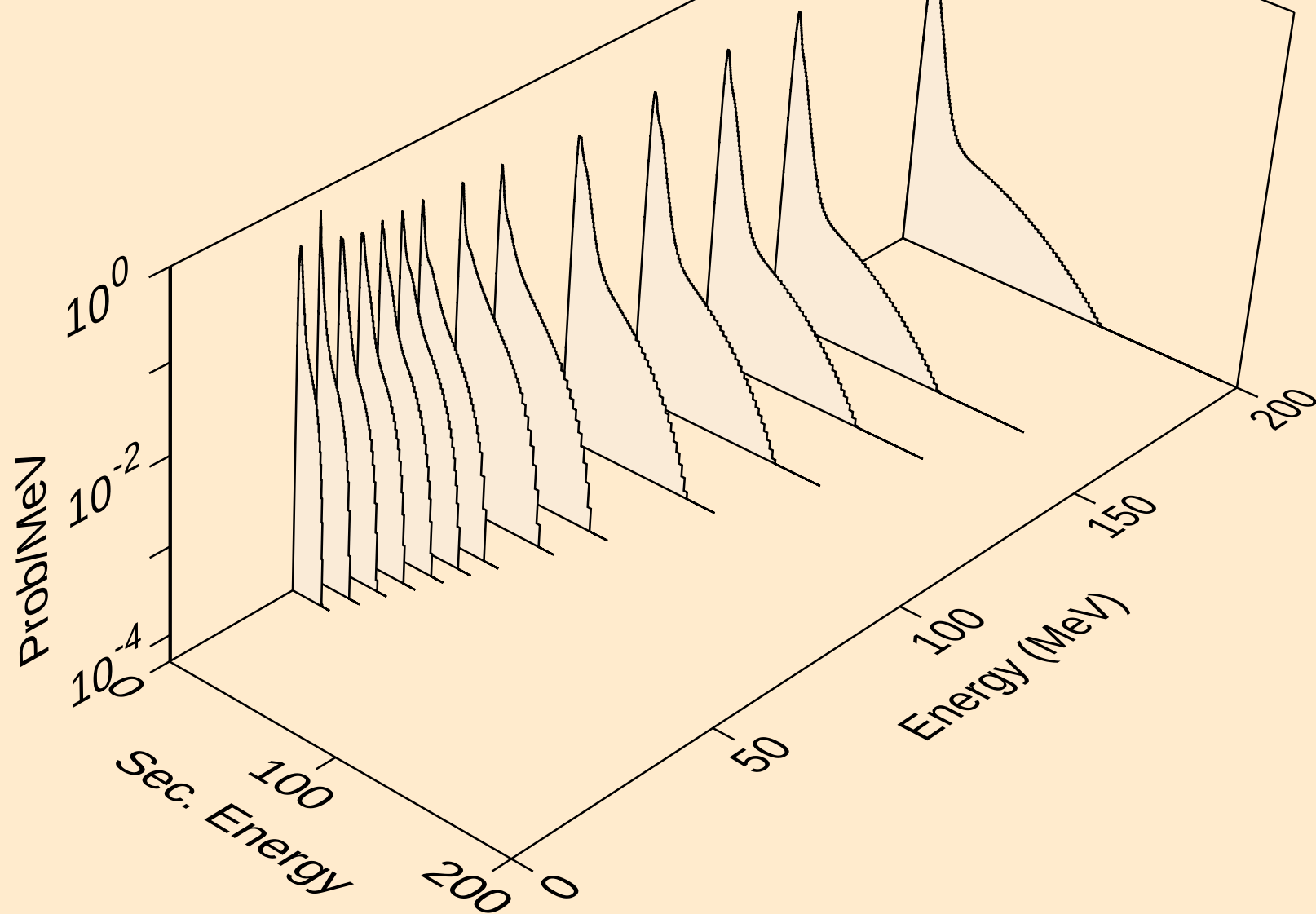
Particle production cross sections



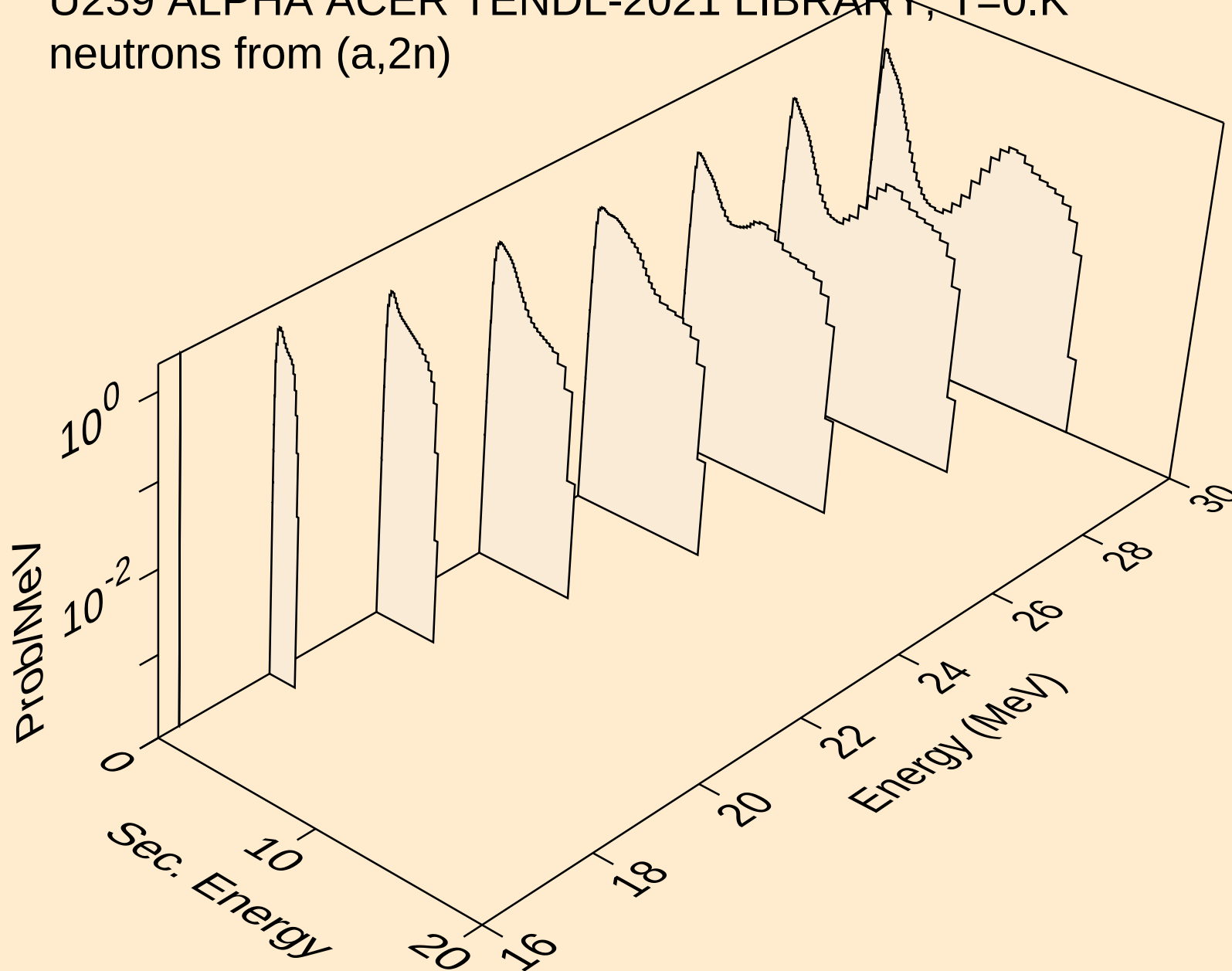
U239 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,n)



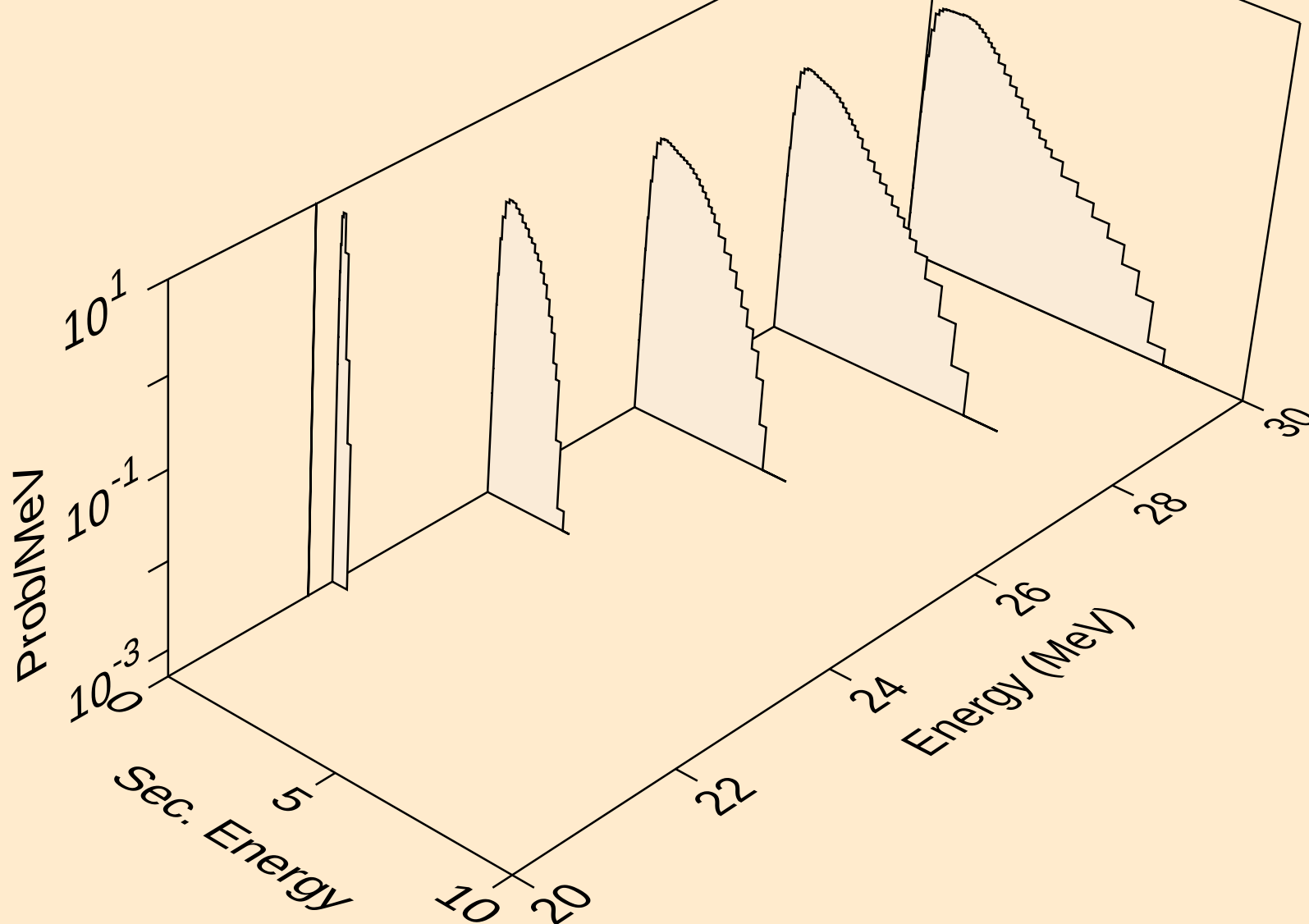
U239 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,x)



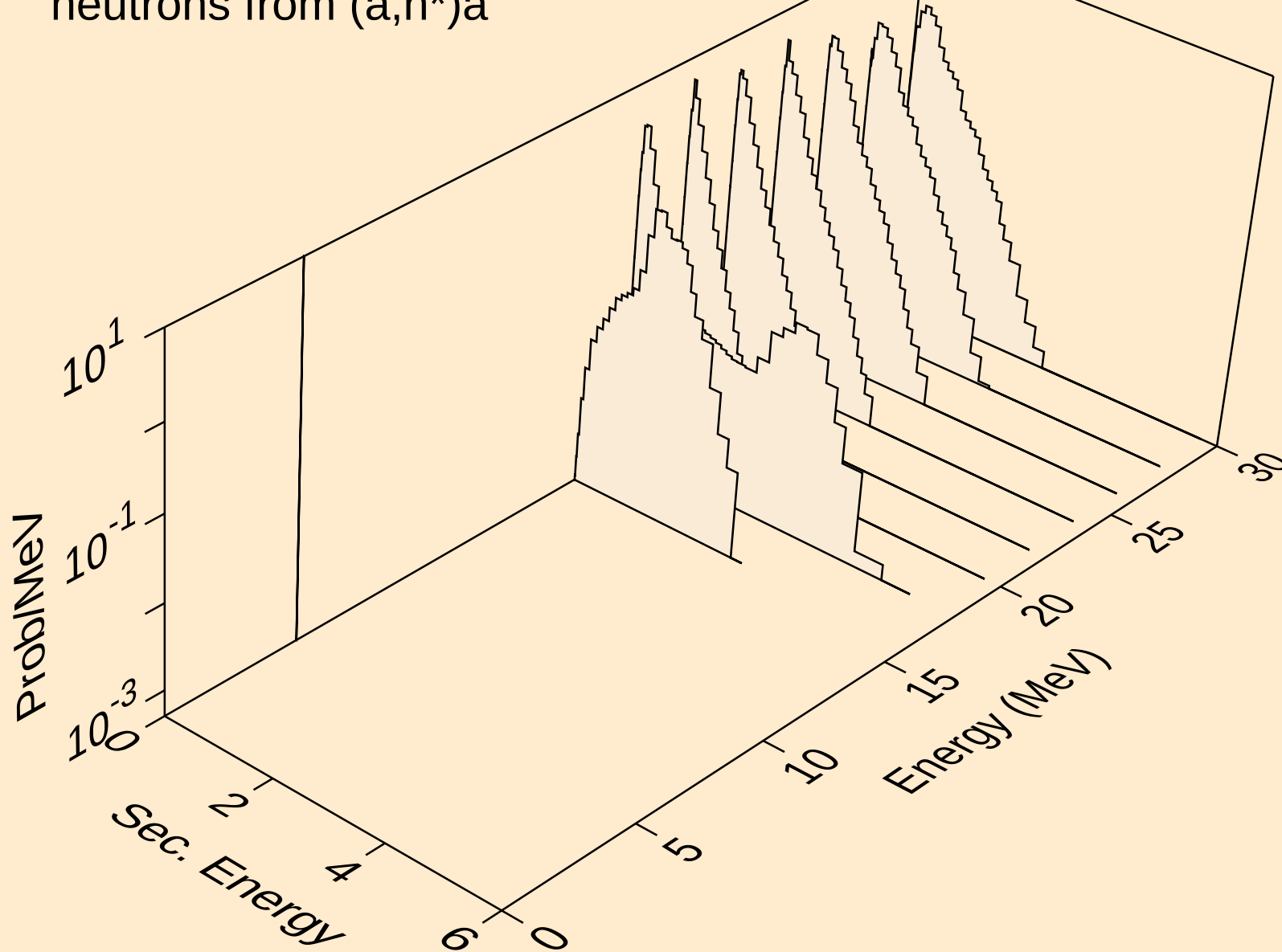
U239 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,2n)



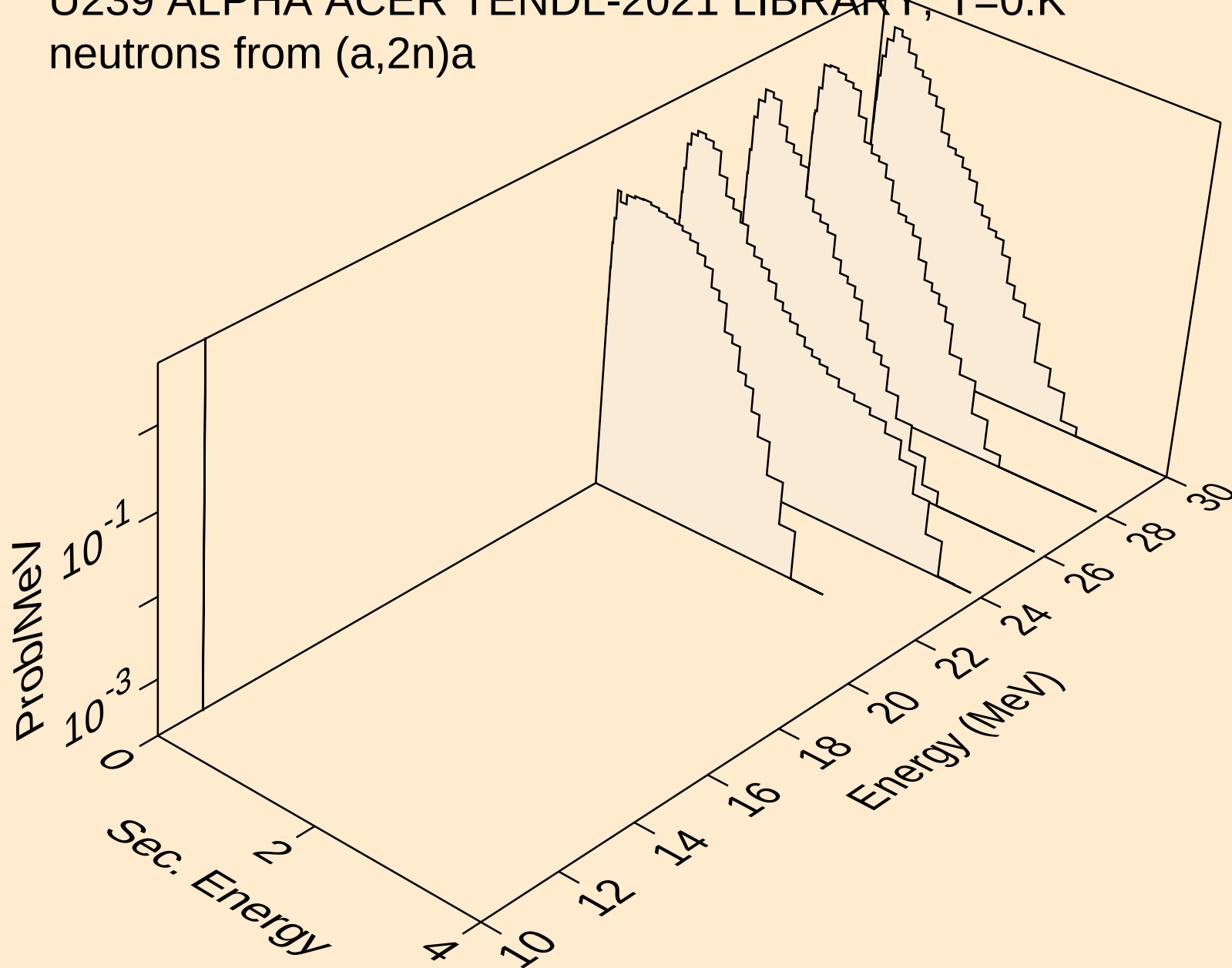
U239 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,3n)



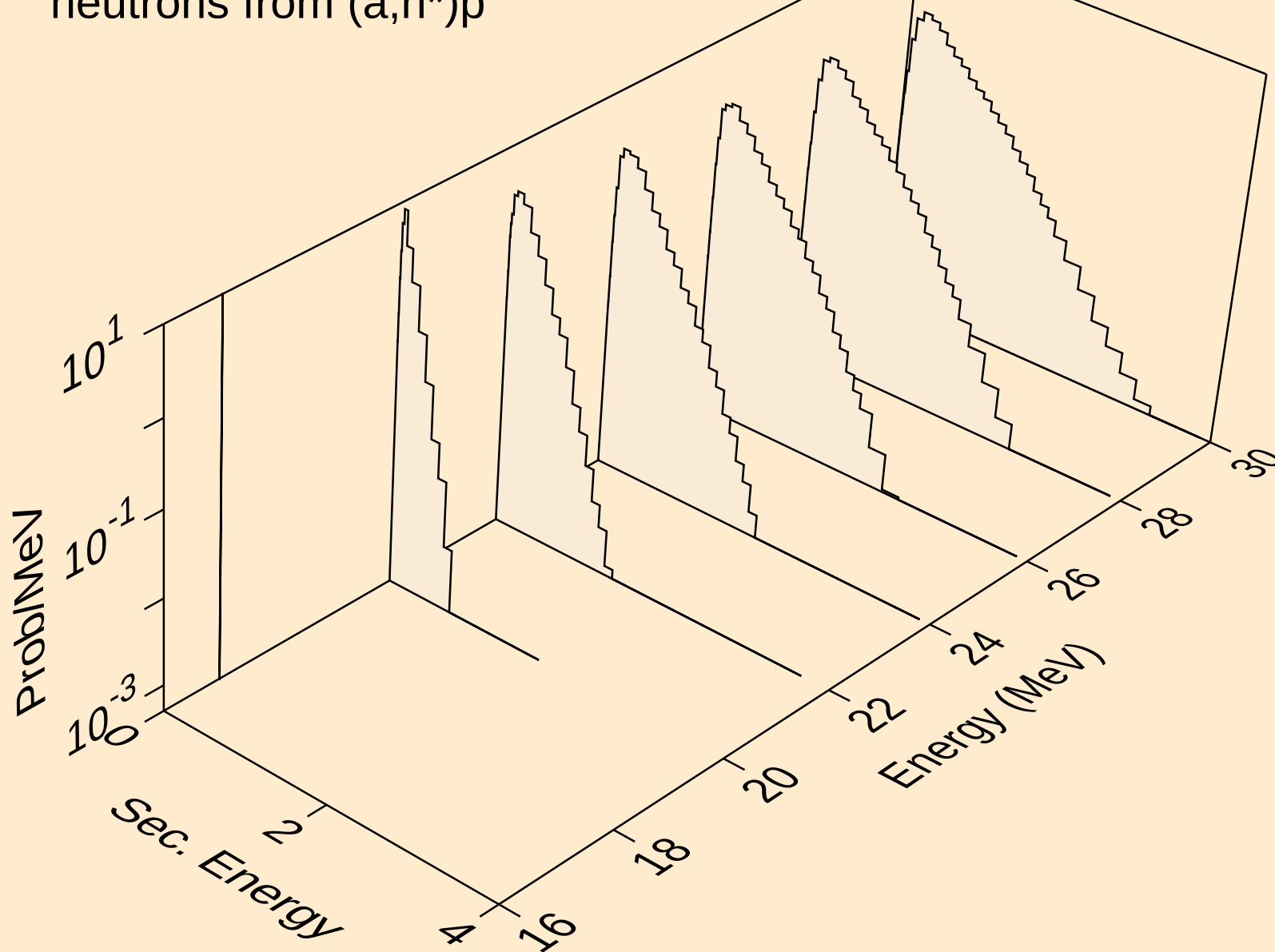
U239 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,n*)a



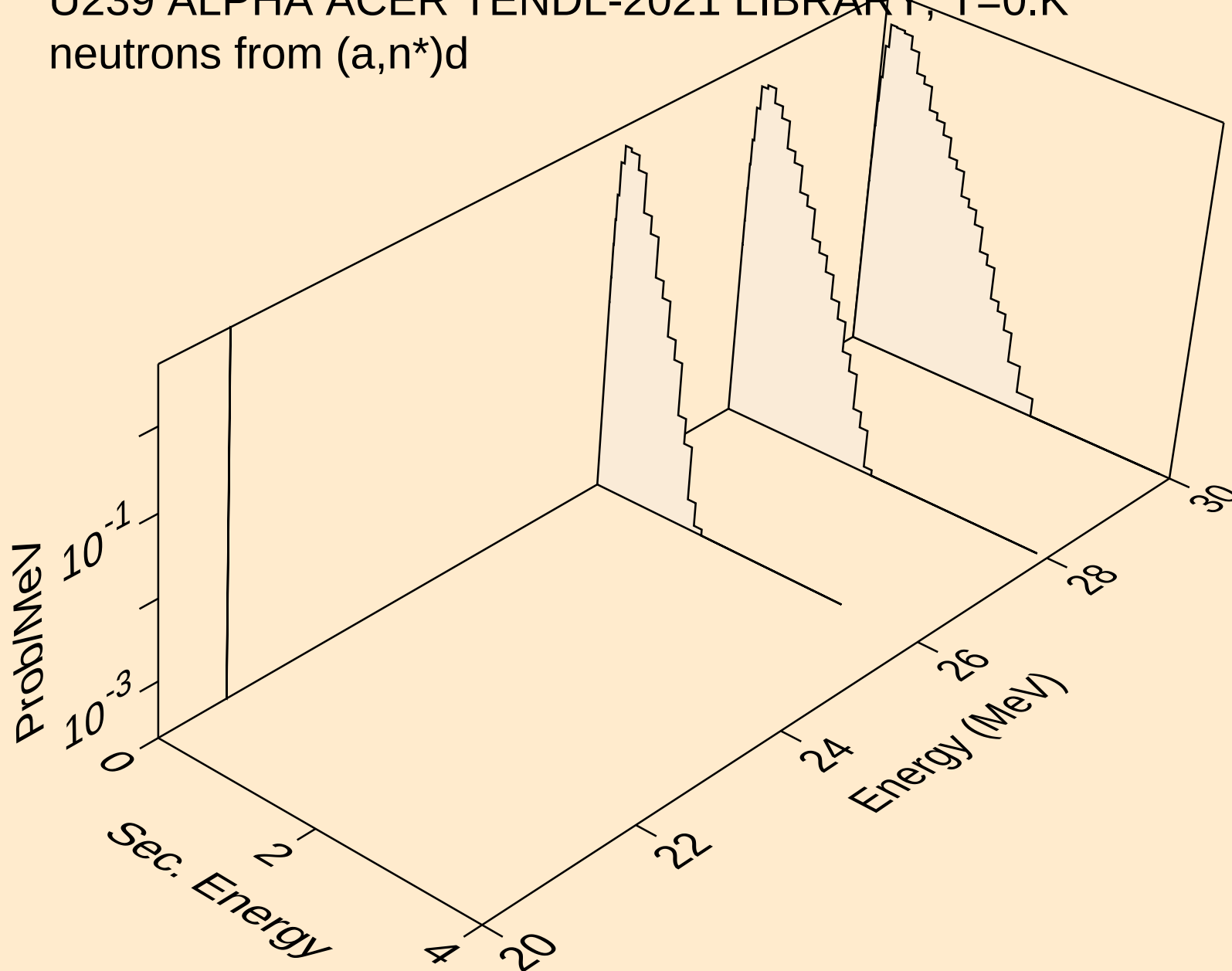
U239 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,2n)a



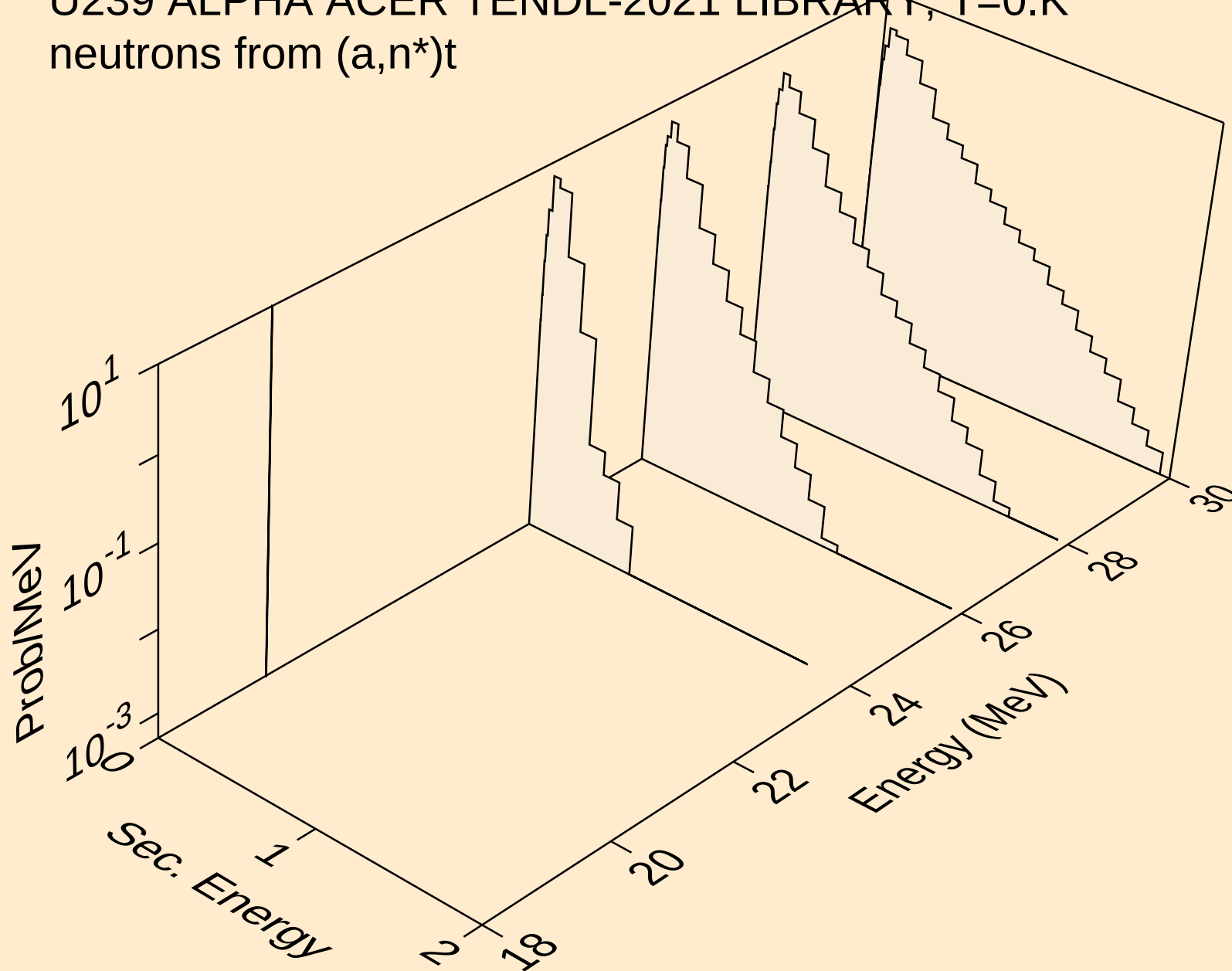
U239 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,n*)p



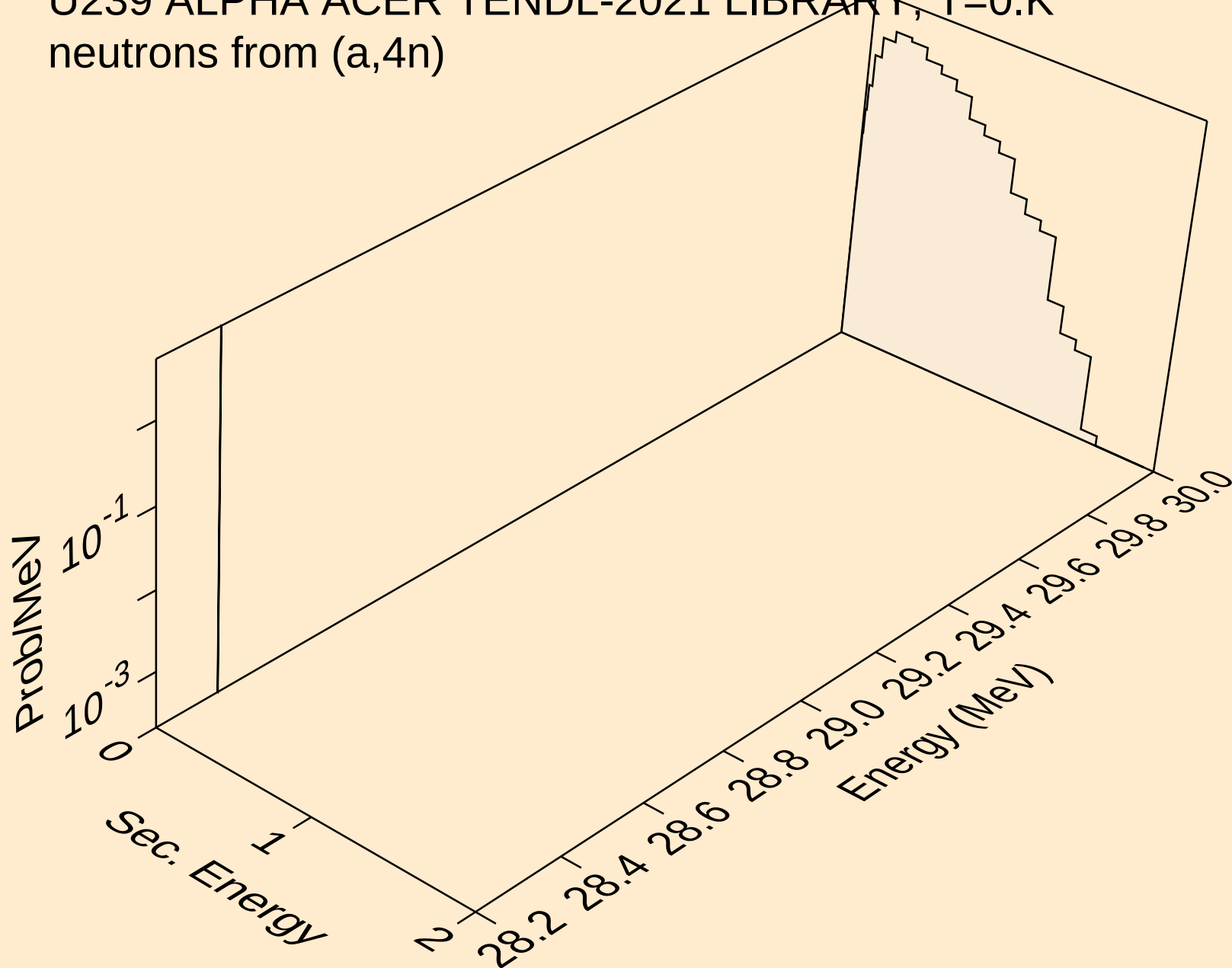
U239 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,n*)d



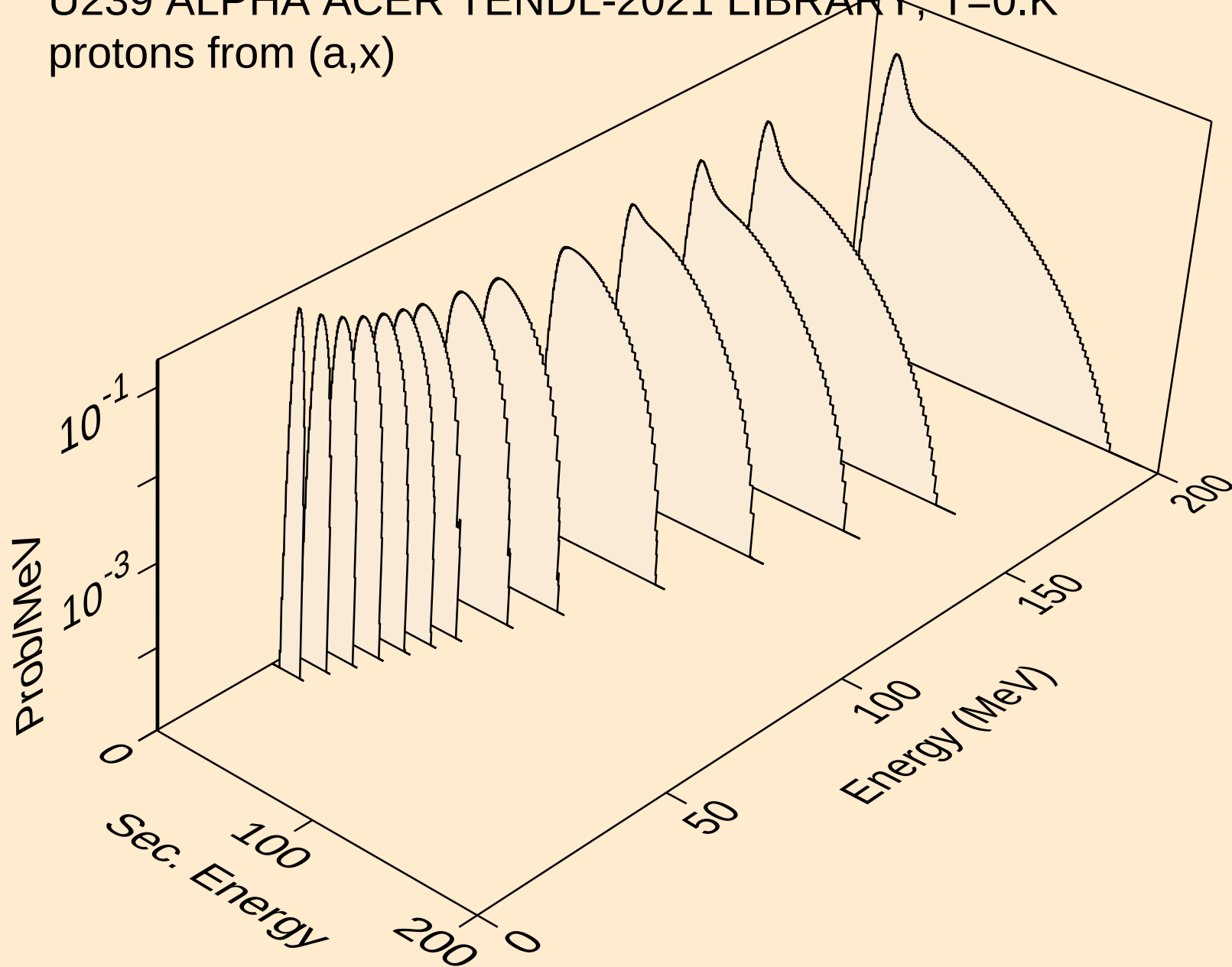
U239 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,n*)t



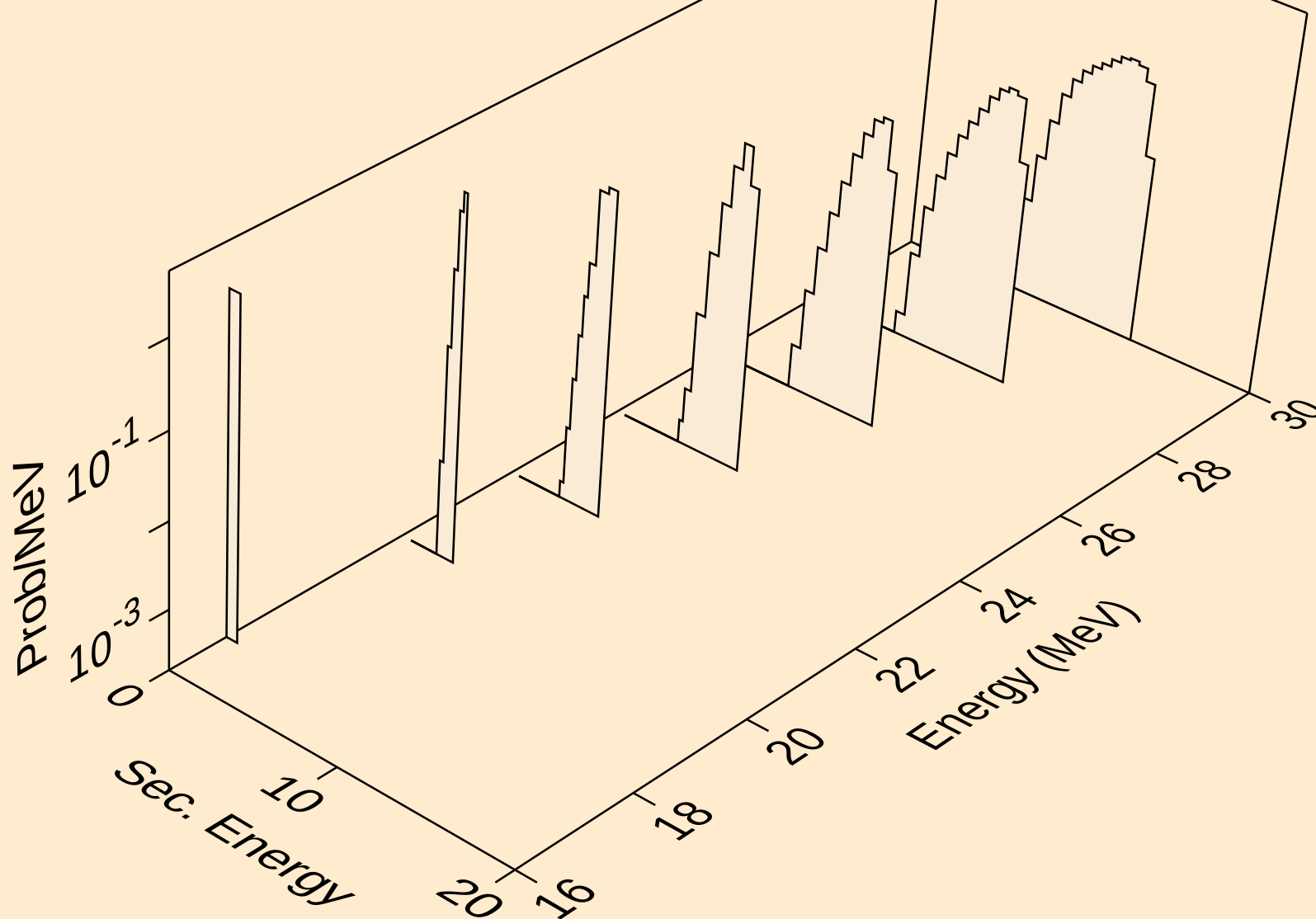
U239 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
neutrons from (a,4n)



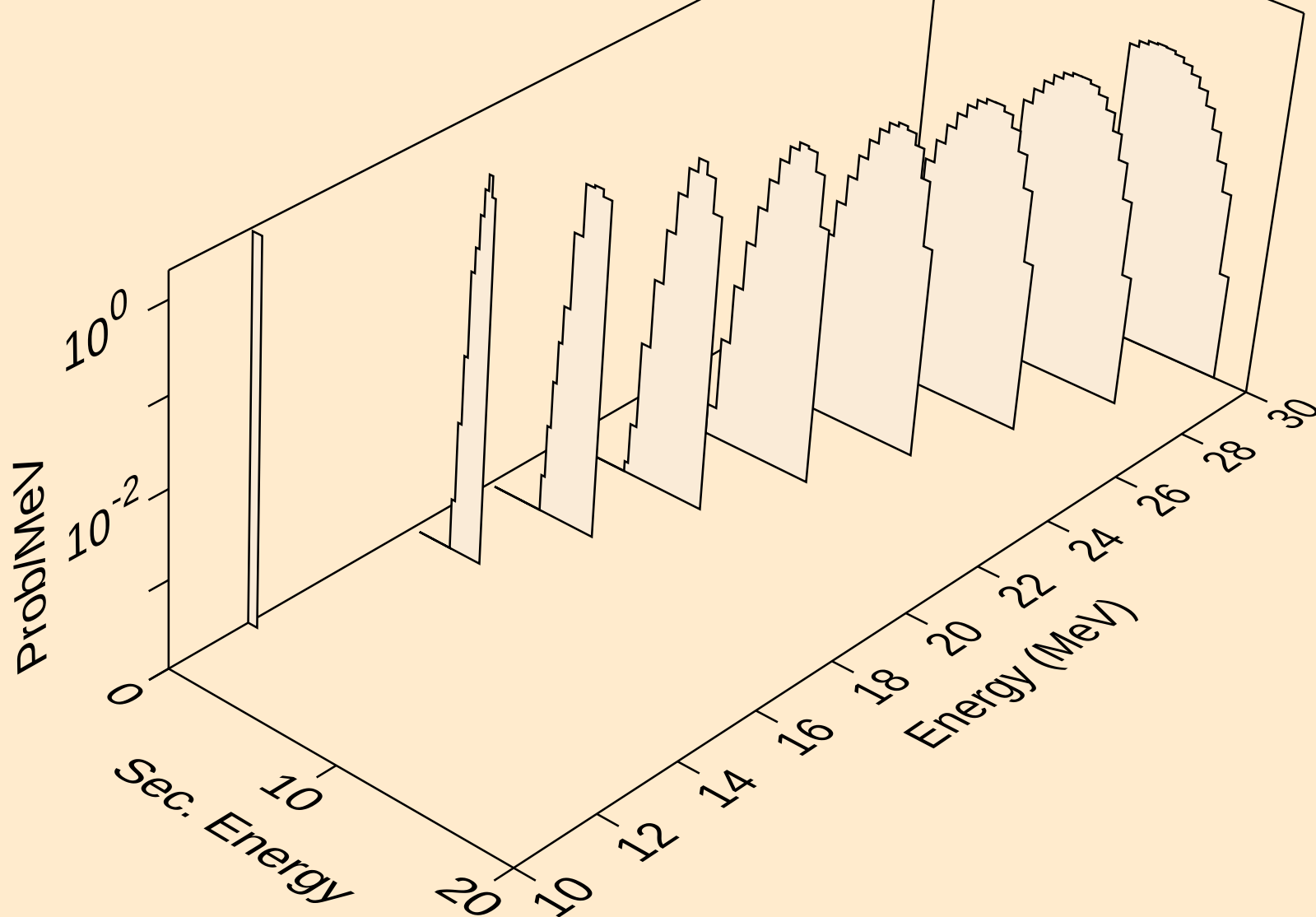
U239 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
protons from (a,x)



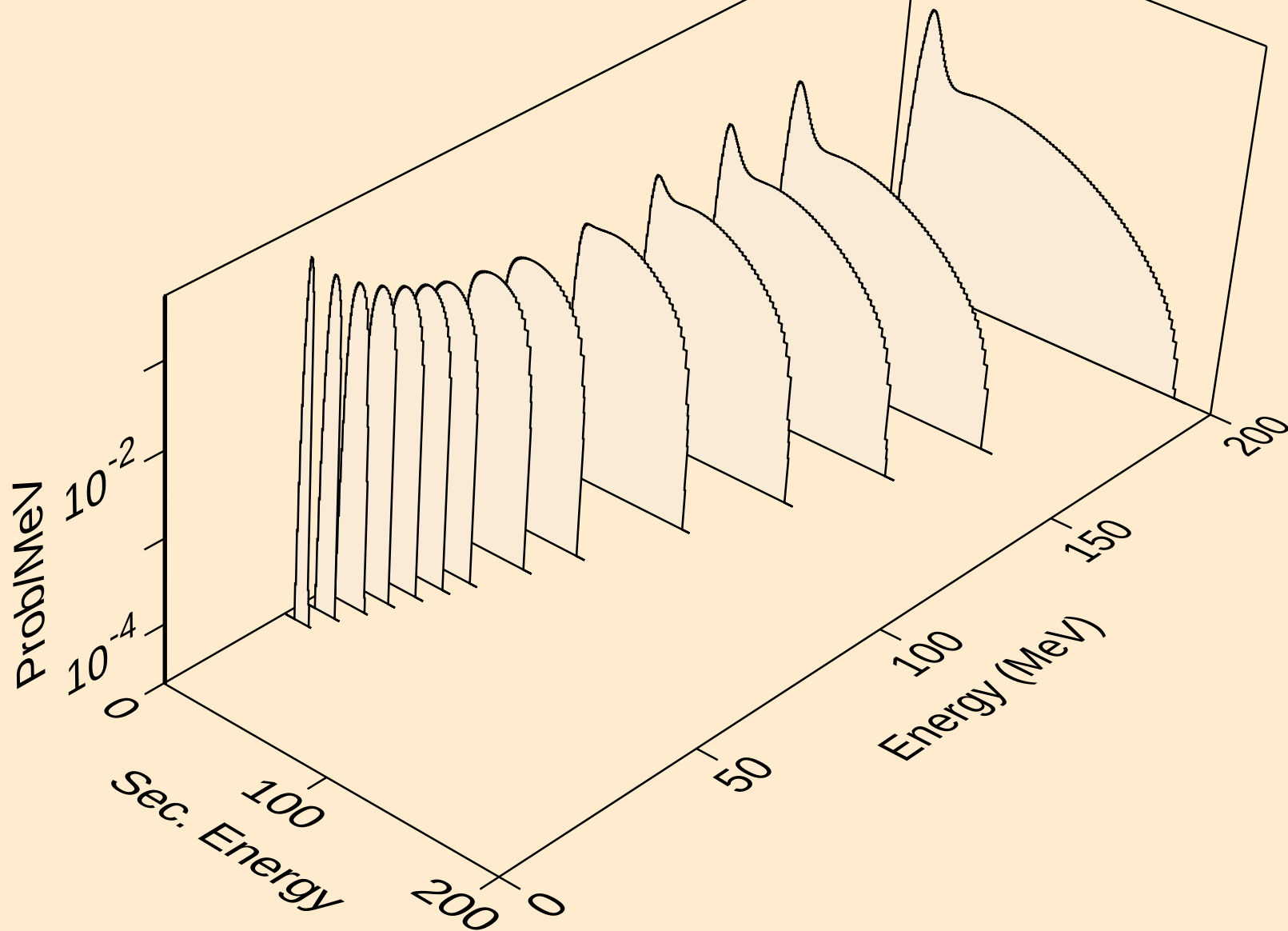
U239 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
protons from (a,n*)p



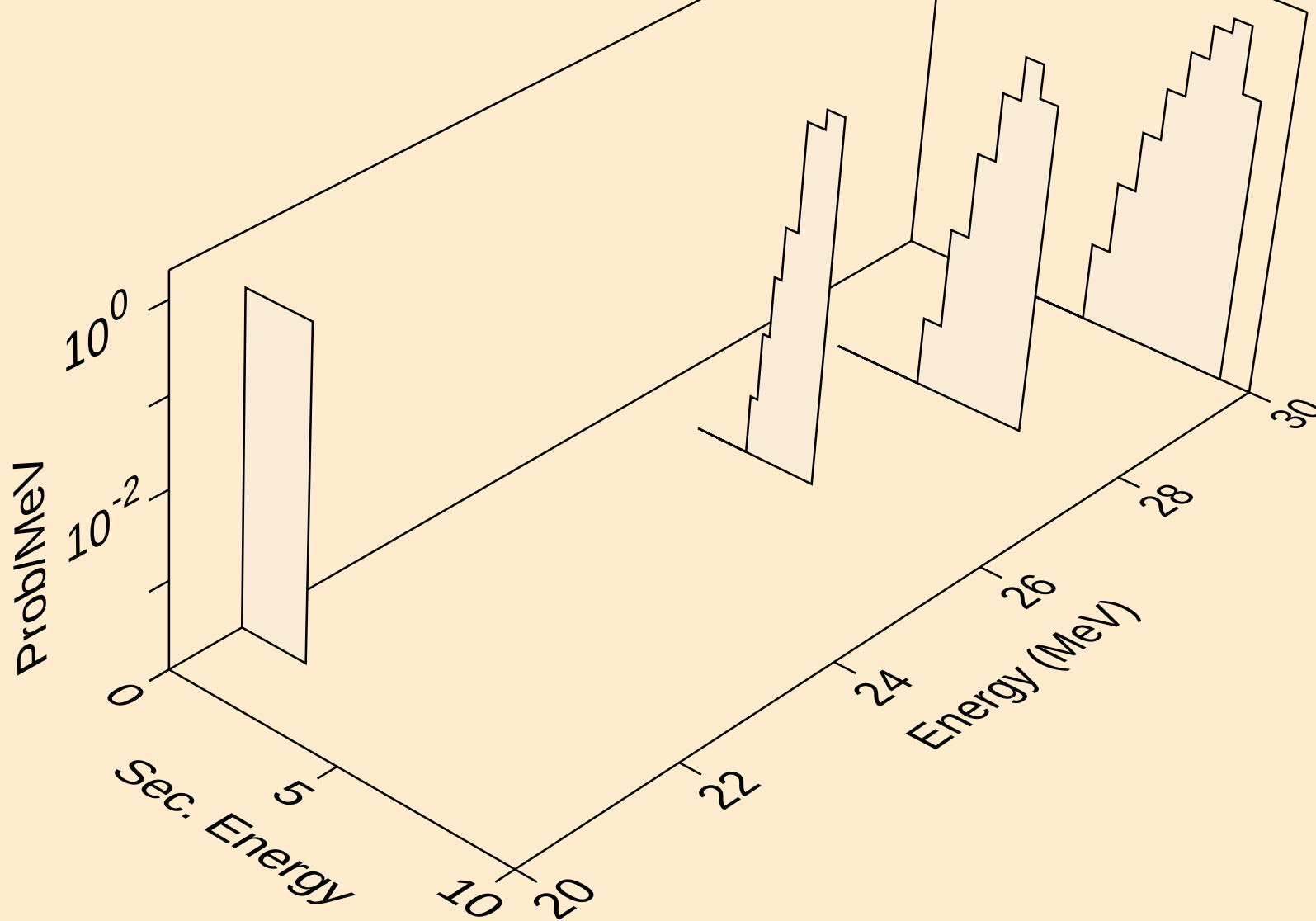
U239 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
protons from (a,p)



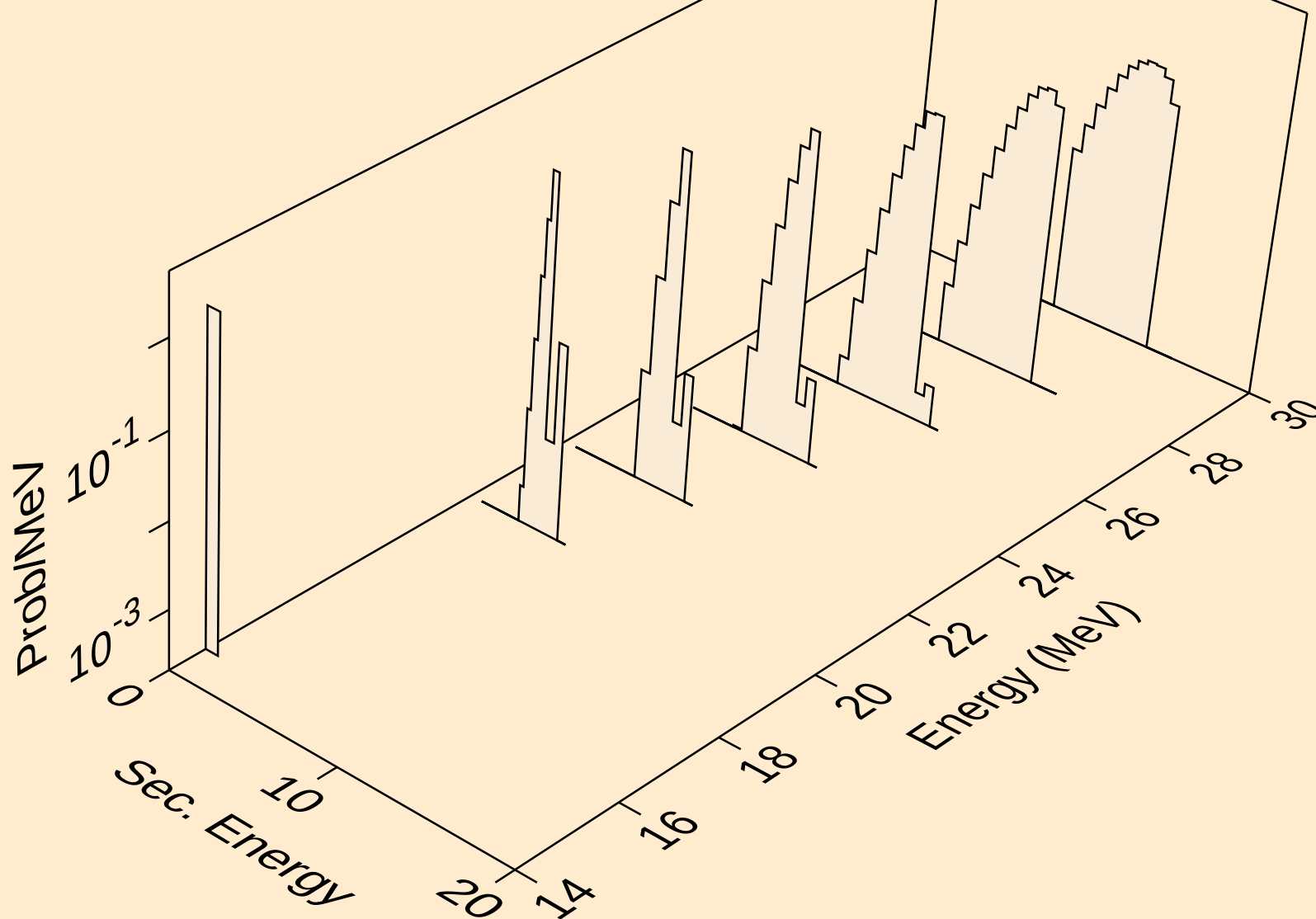
U239 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
deuterons from (a,x)



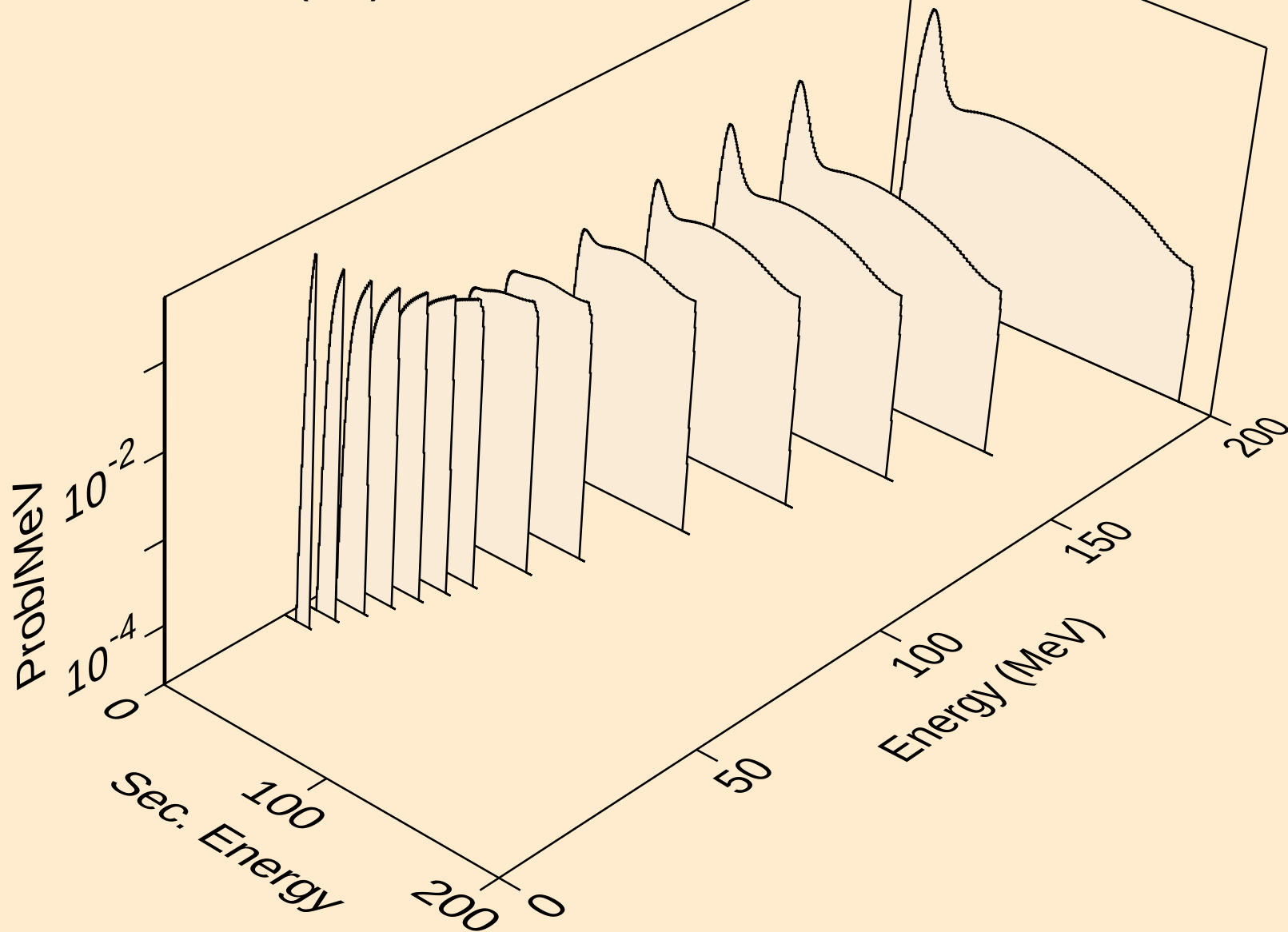
U239 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
deuterons from (a,n*)d



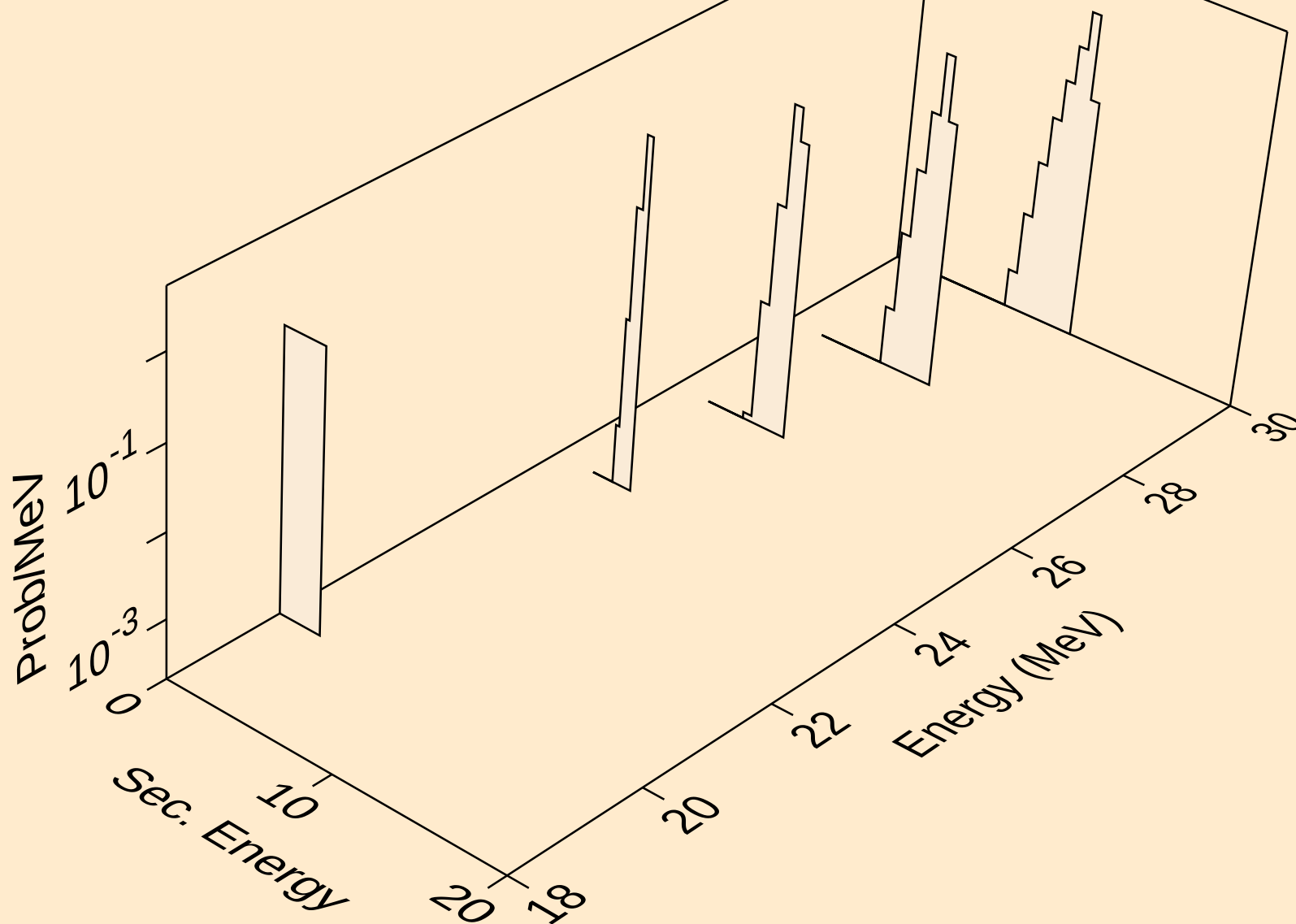
U239 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
deuterons from (a,d)



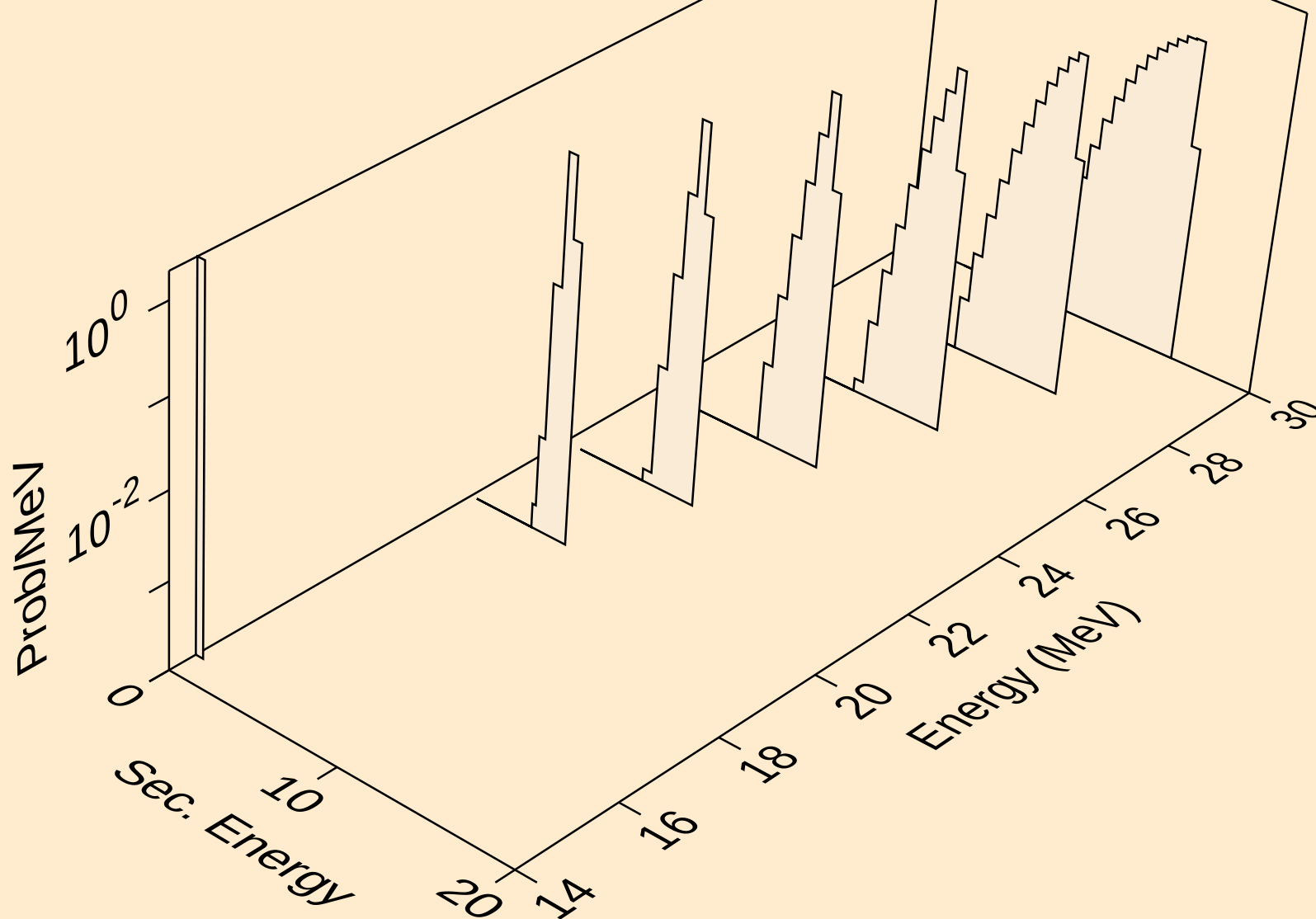
U239 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
tritons from (a,x)



U239 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
tritons from (a,n*)t



U239 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
tritons from (a,t)



U239 ALPHA ACER TENDL-2021 LIBRARY; T=0.K
he3s from (a,x)

