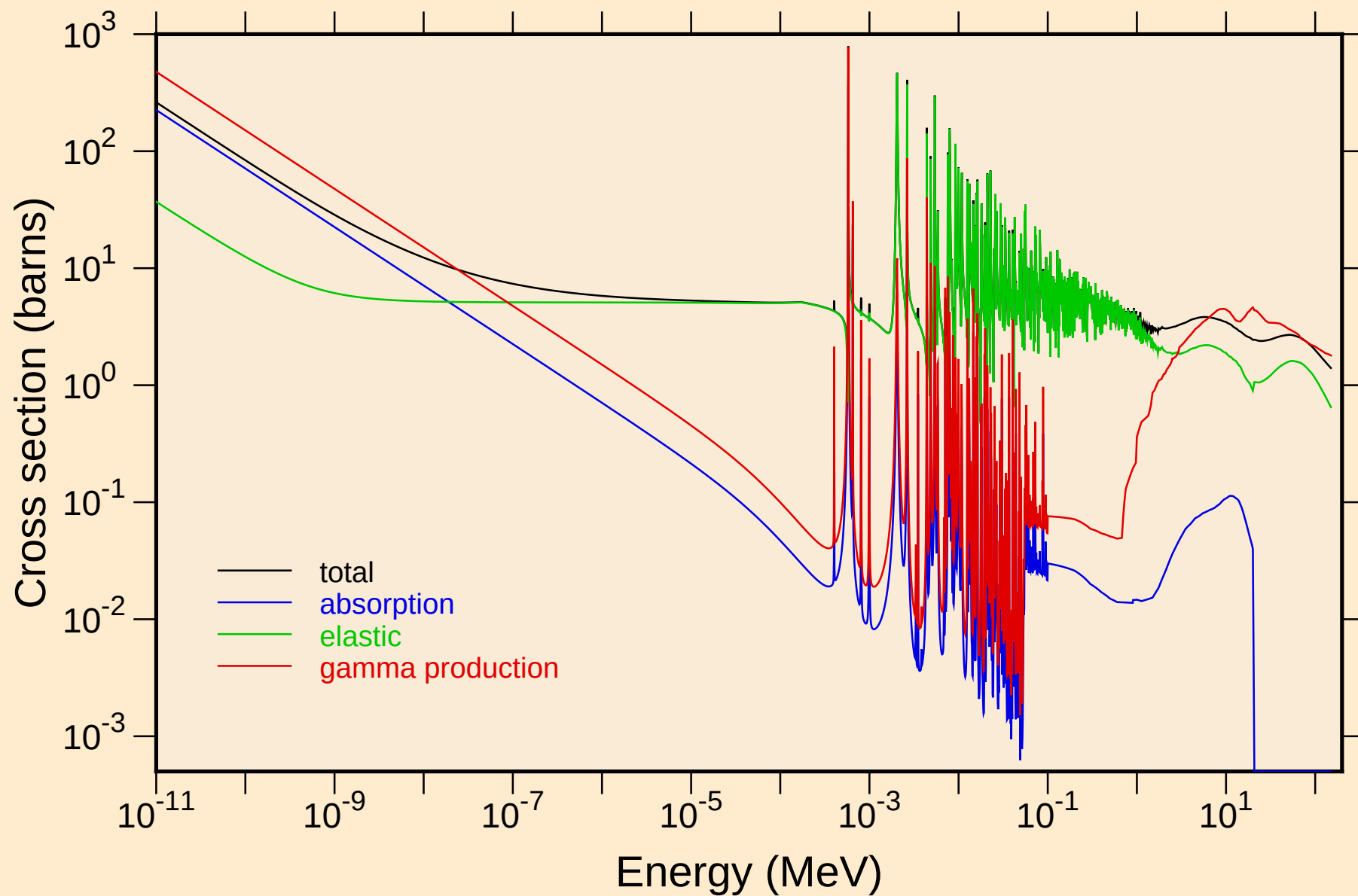
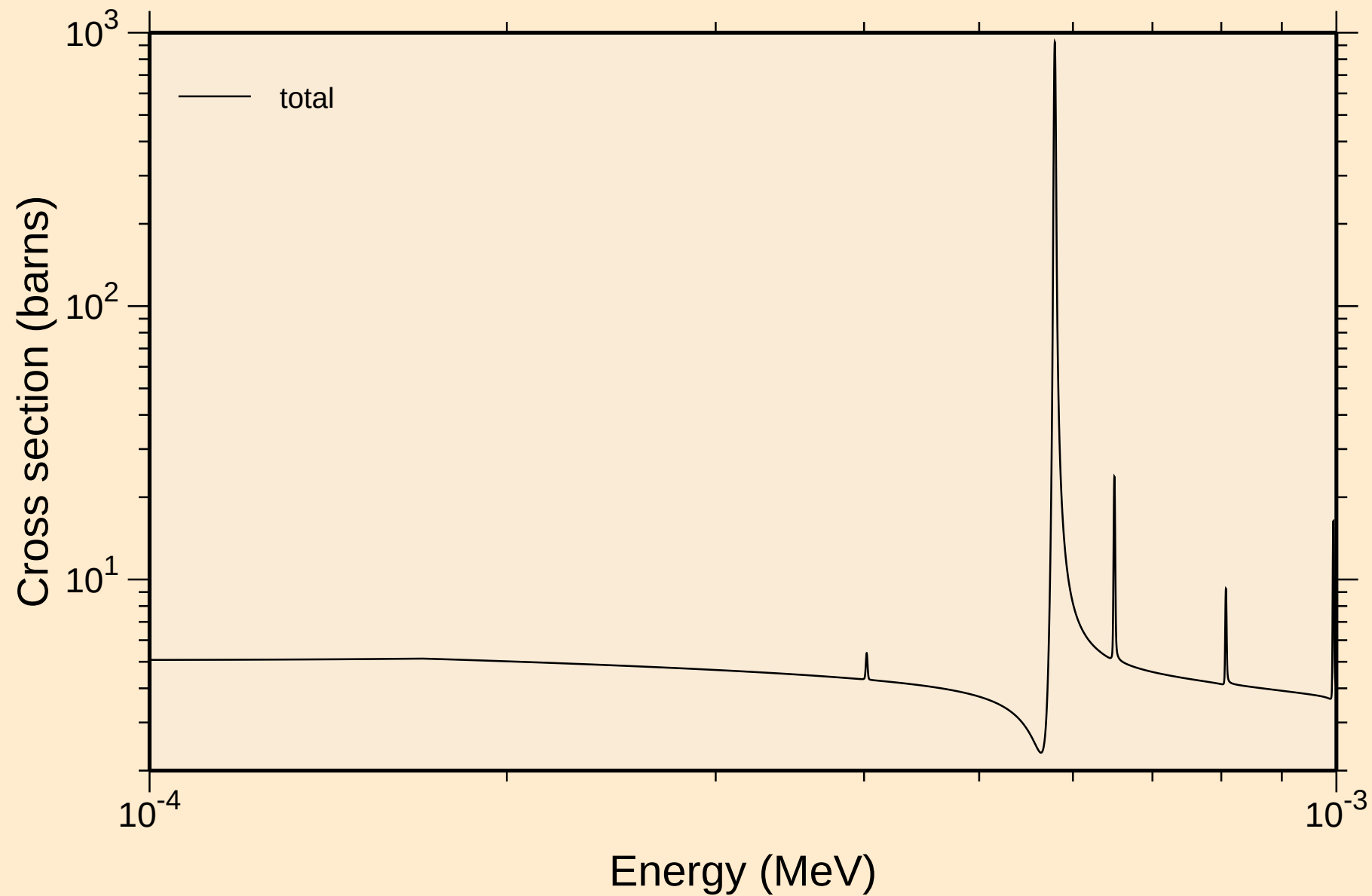


JEFF-3.1 CU-63

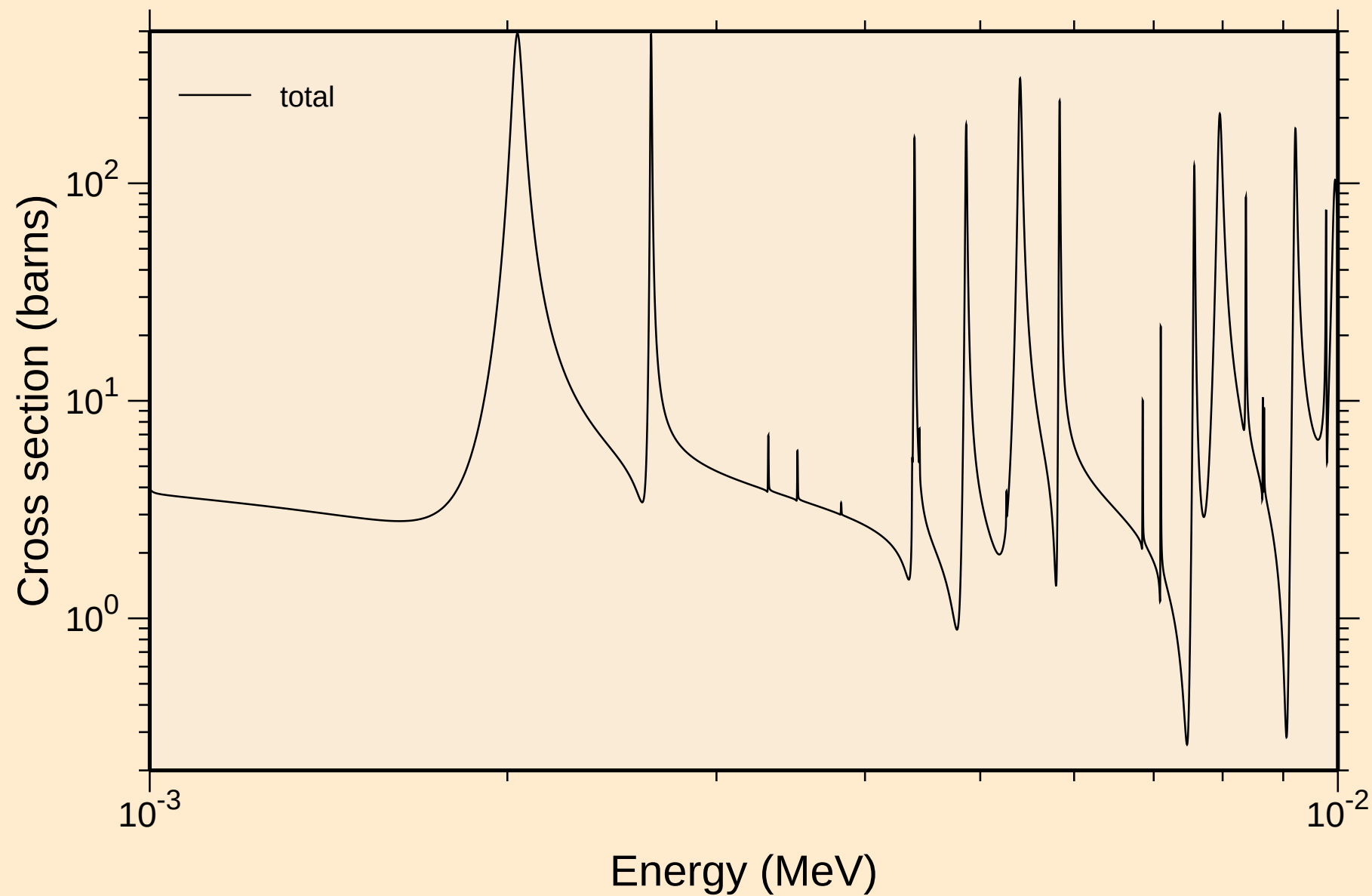
Principal cross sections



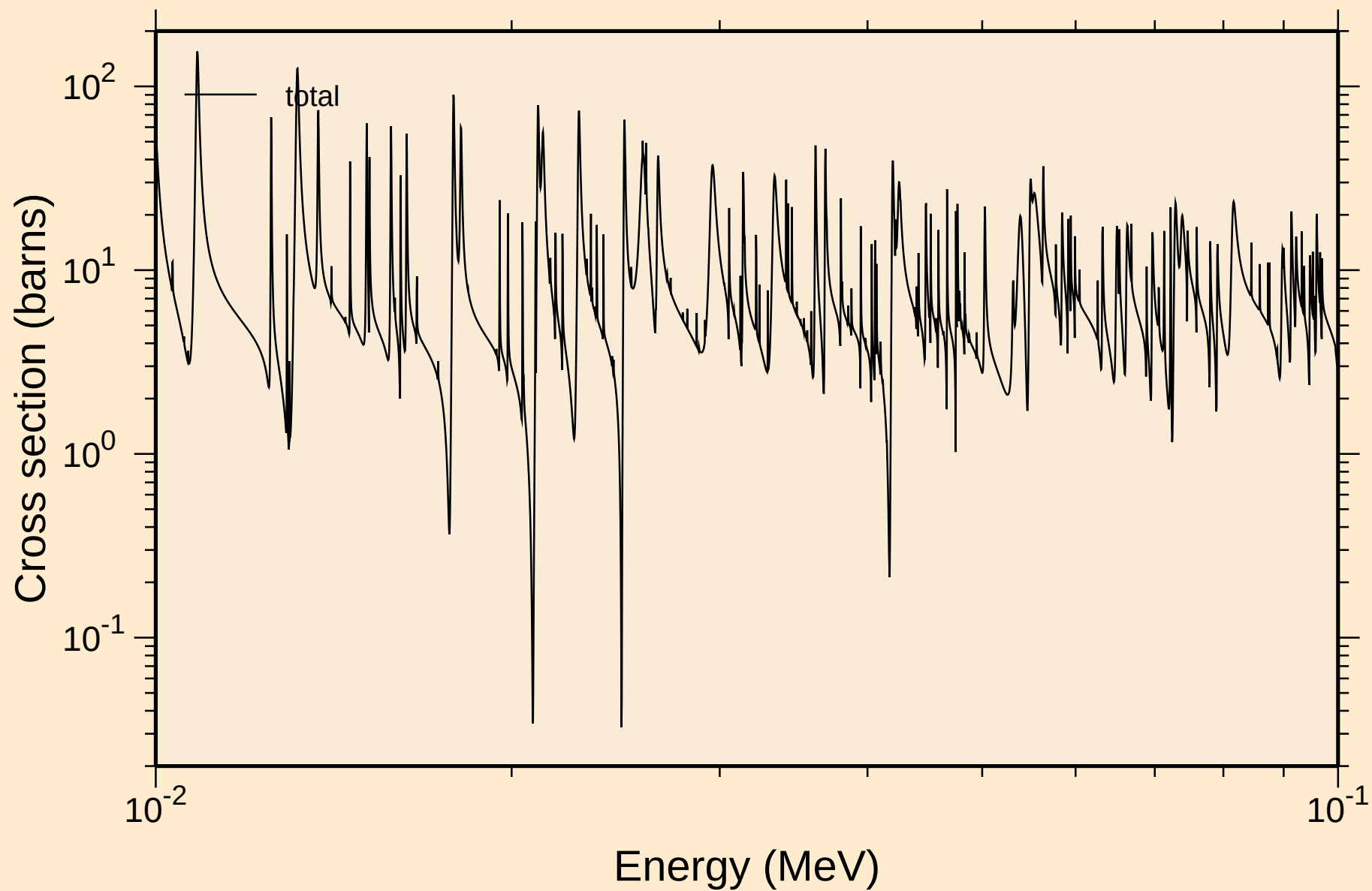
JEFF-3.1 CU-63
resonance total cross section



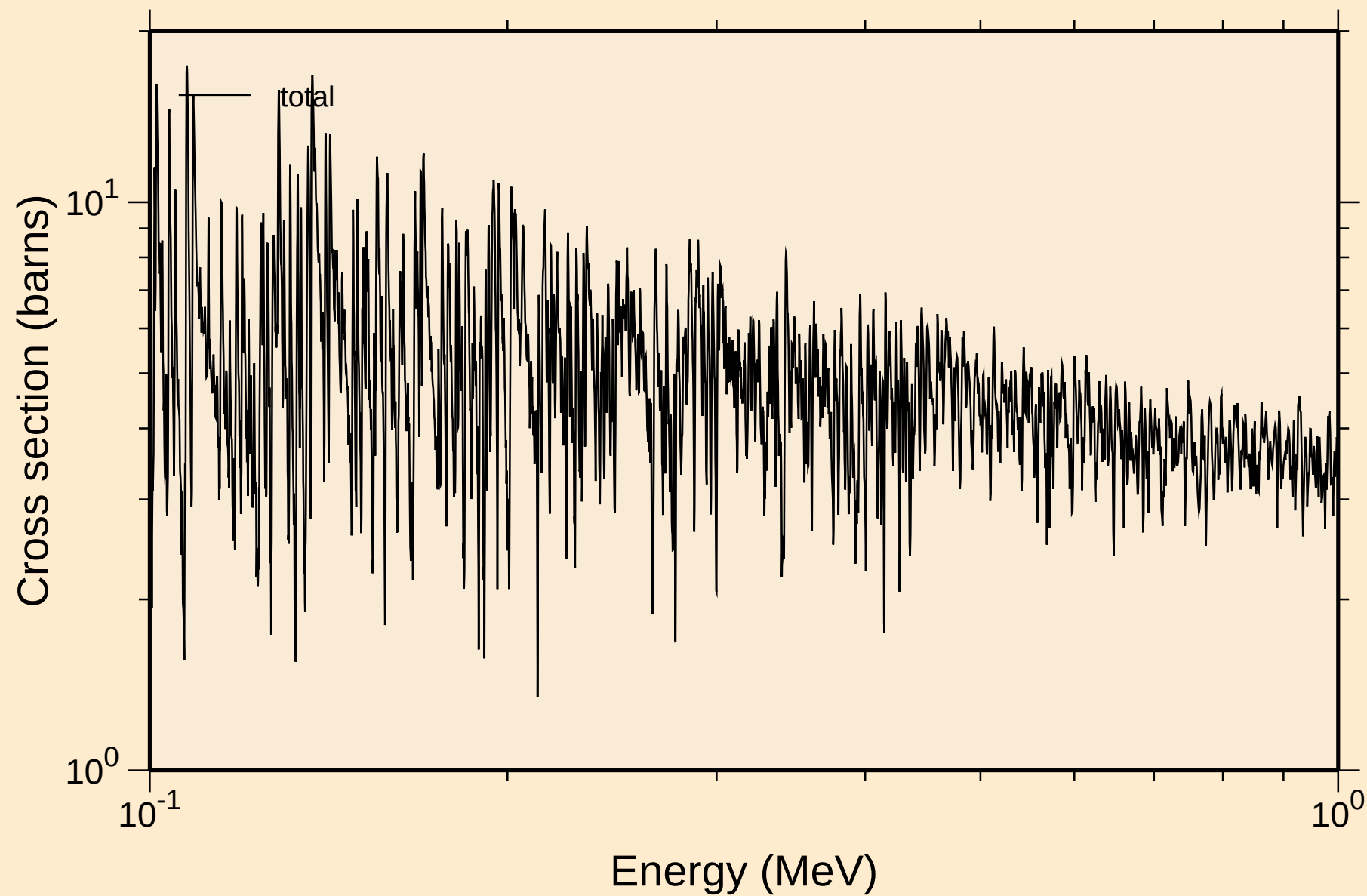
JEFF-3.1 CU-63 resonance total cross section



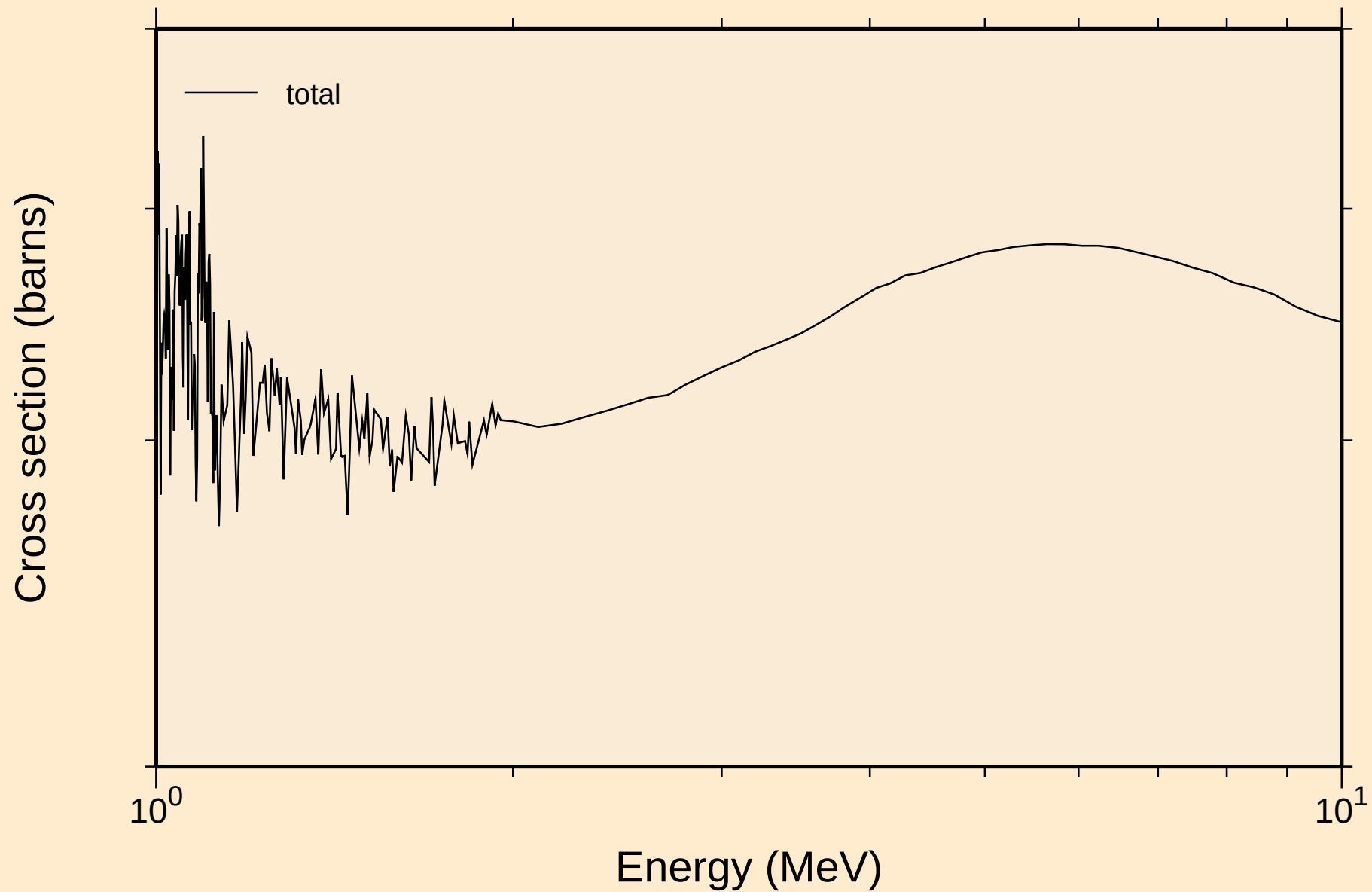
JEFF-3.1 CU-63
resonance total cross section



JEFF-3.1 CU-63
resonance total cross section

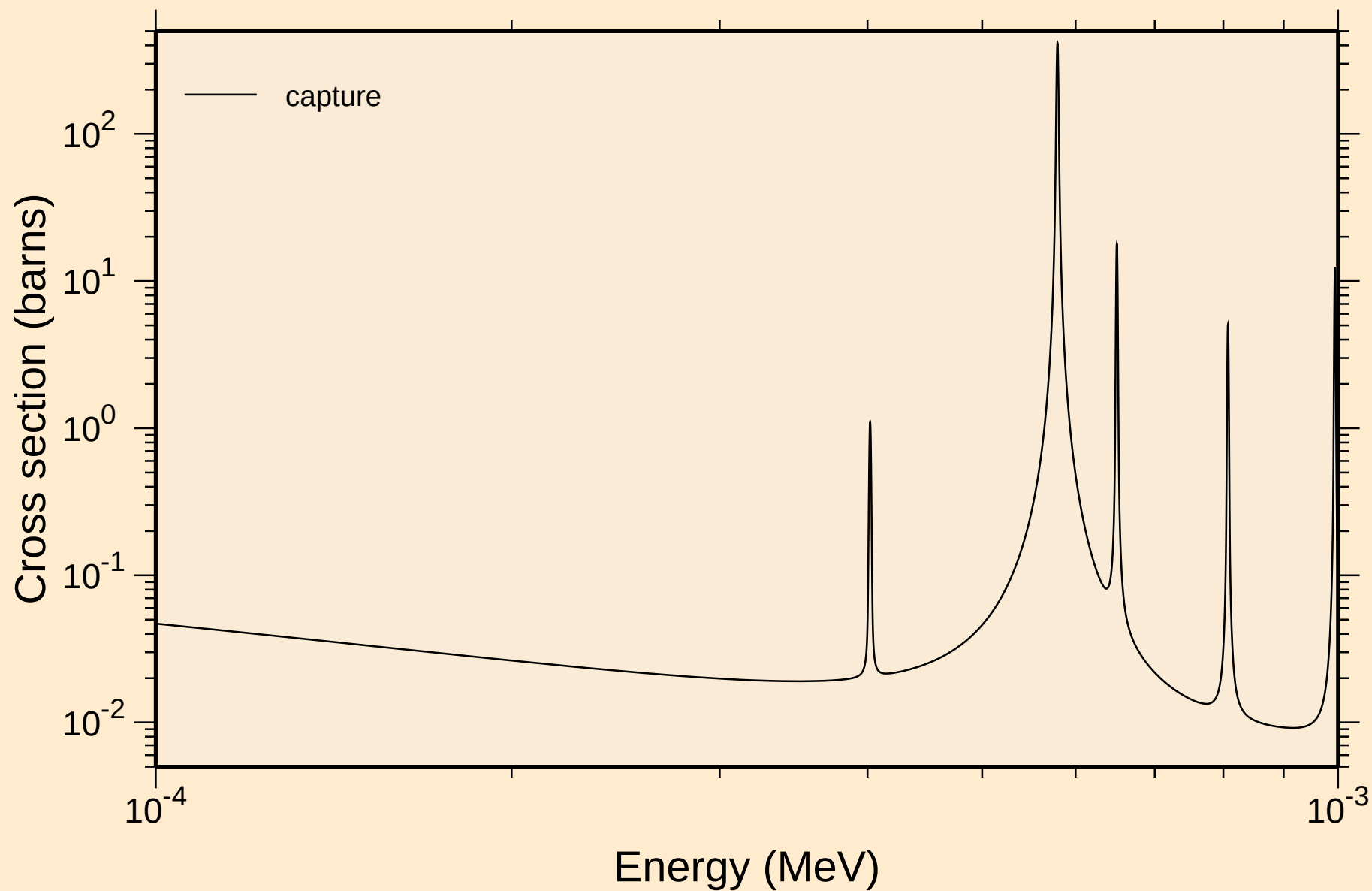


JEFF-3.1 CU-63
resonance total cross section



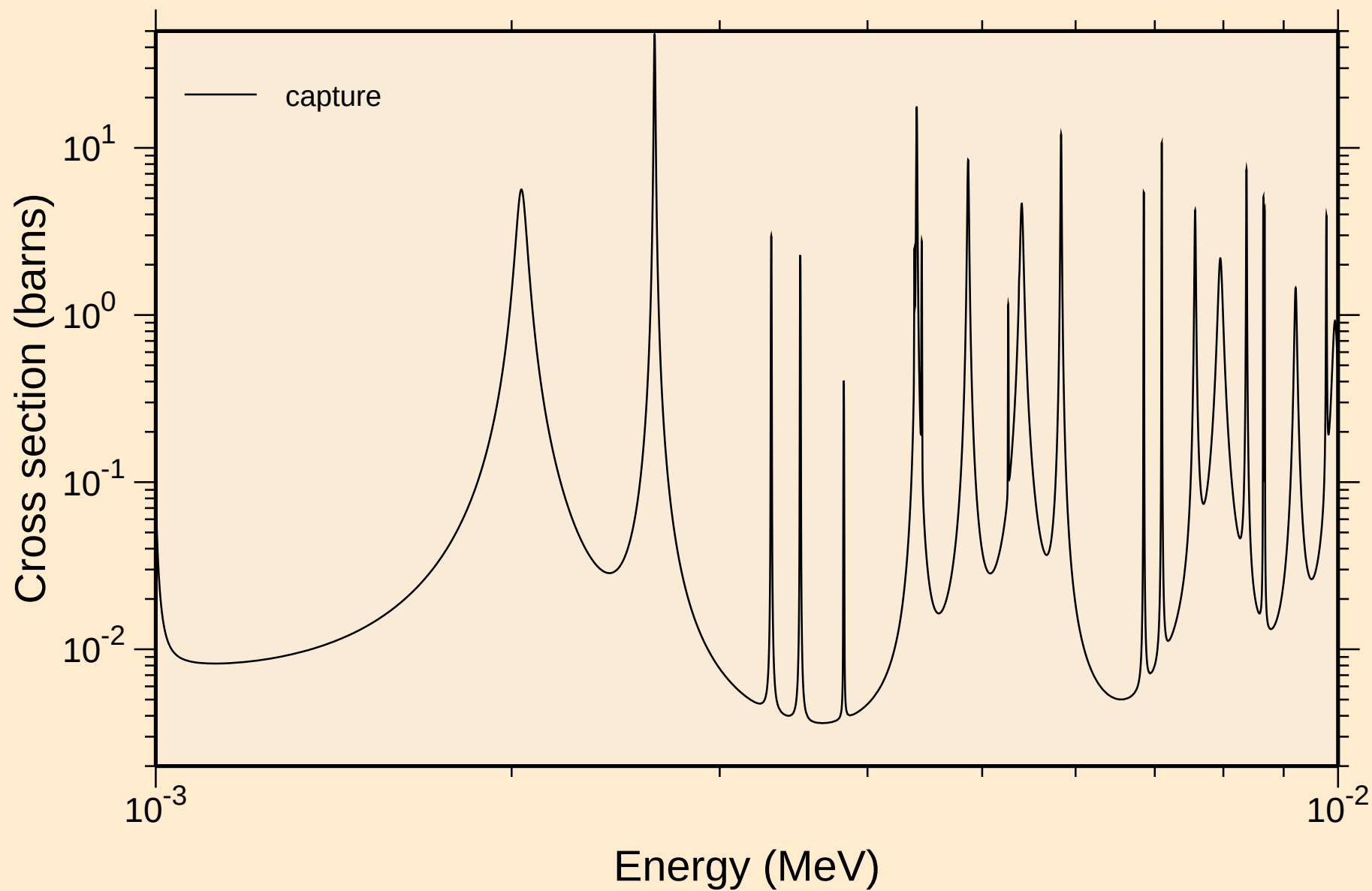
JEFF-3.1 CU-63

resonance absorption cross sections



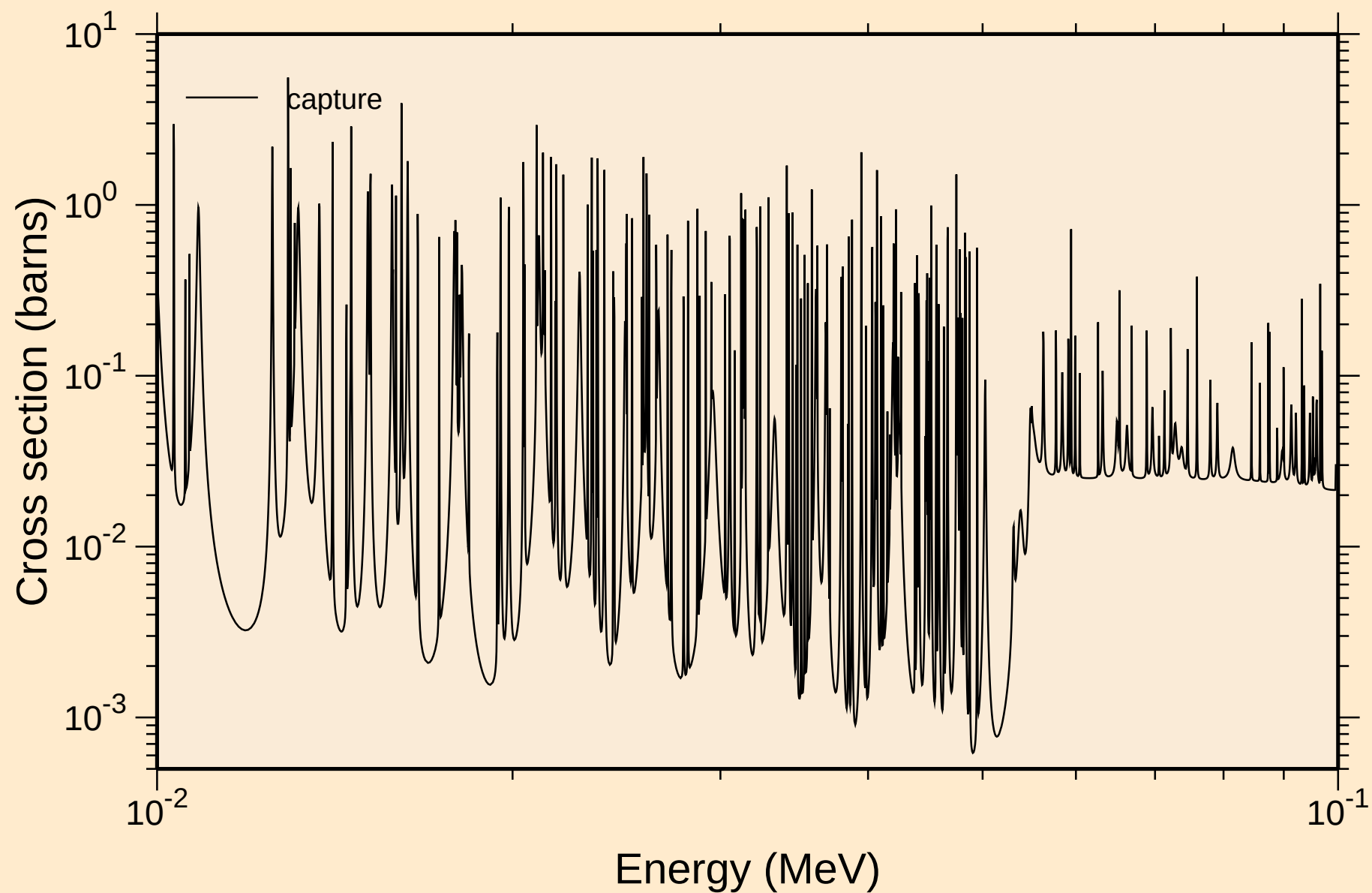
JEFF-3.1 CU-63

resonance absorption cross sections

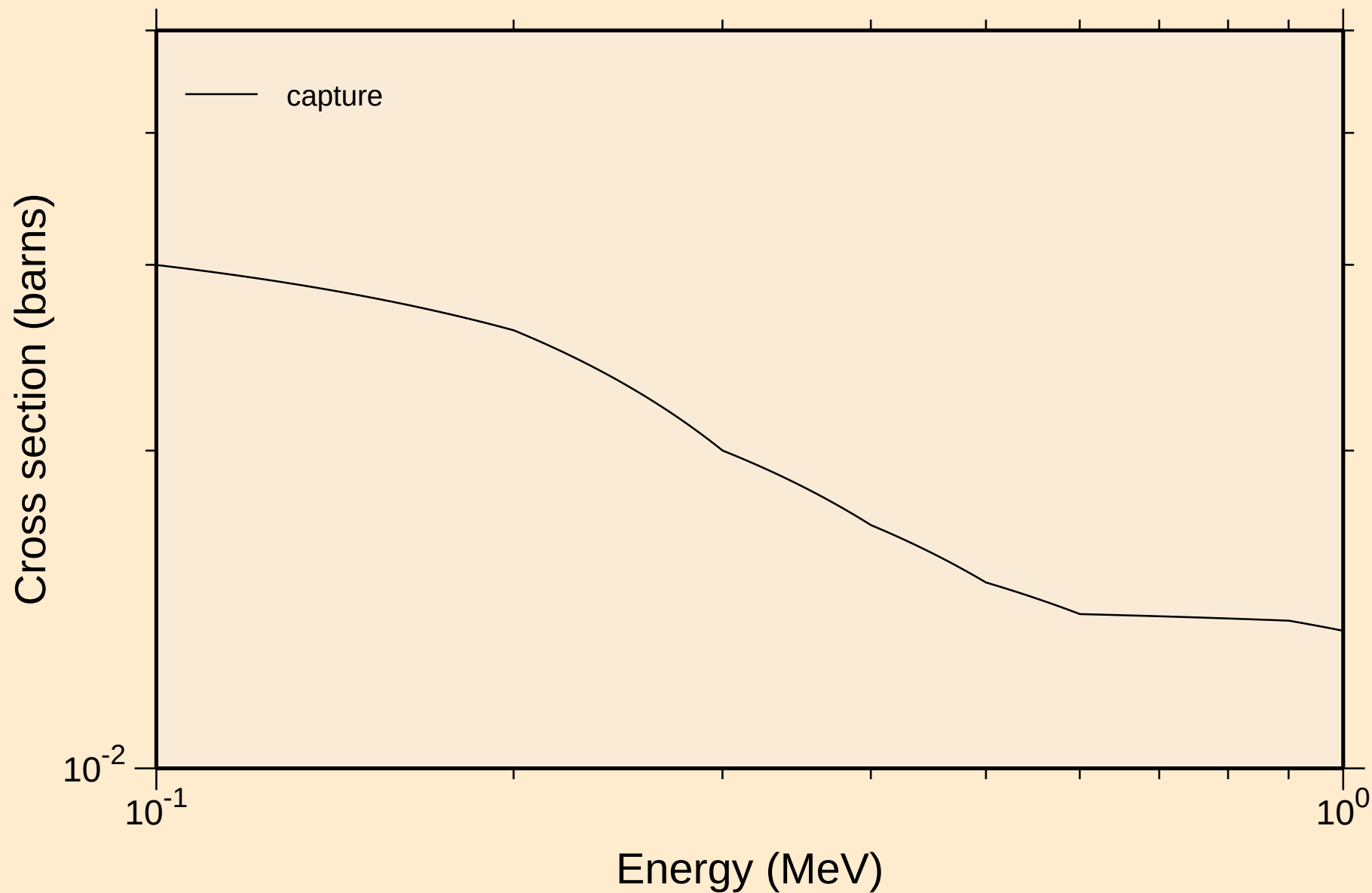


JEFF-3.1 CU-63

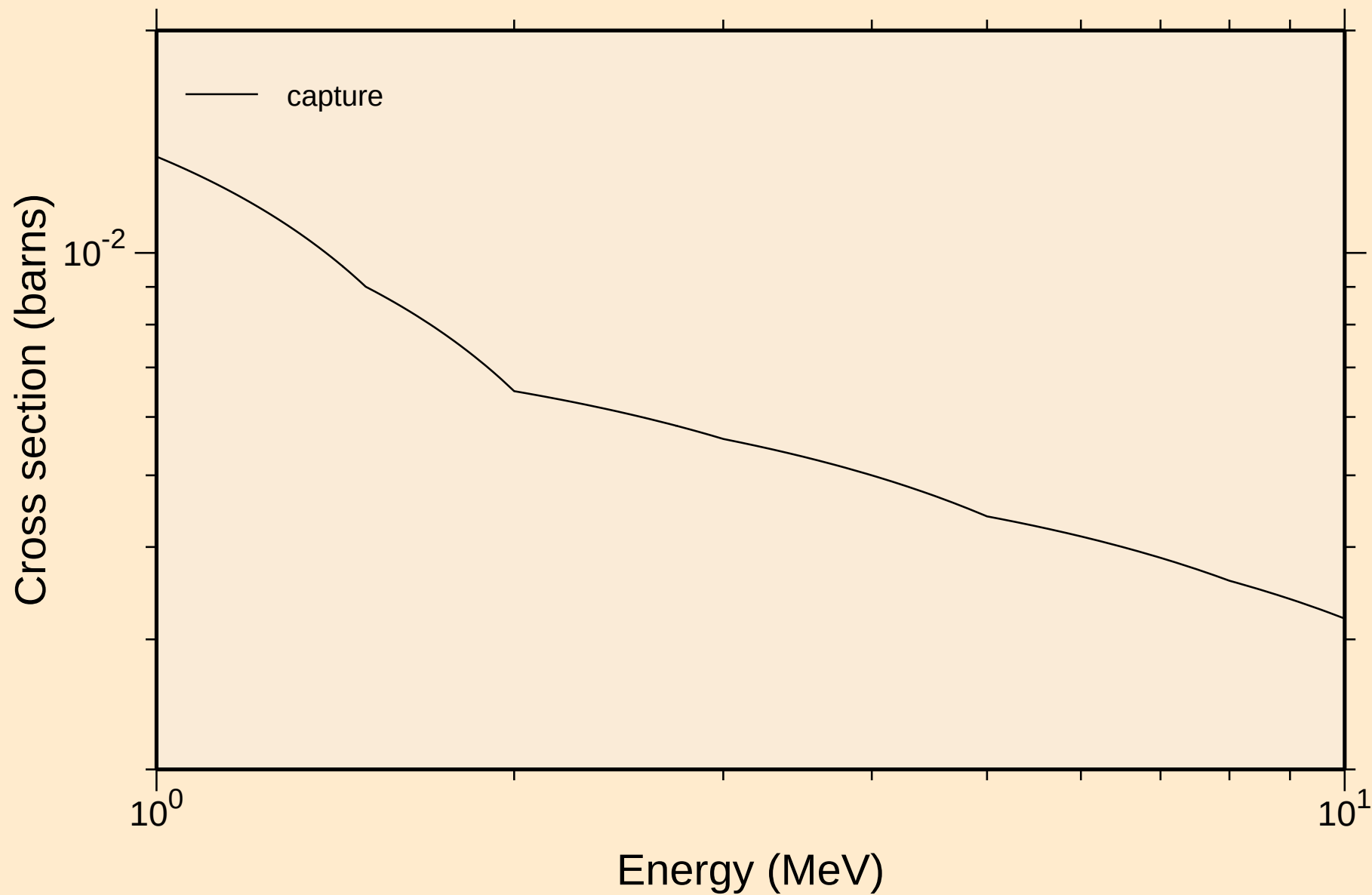
resonance absorption cross sections



JEFF-3.1 CU-63 resonance absorption cross sections

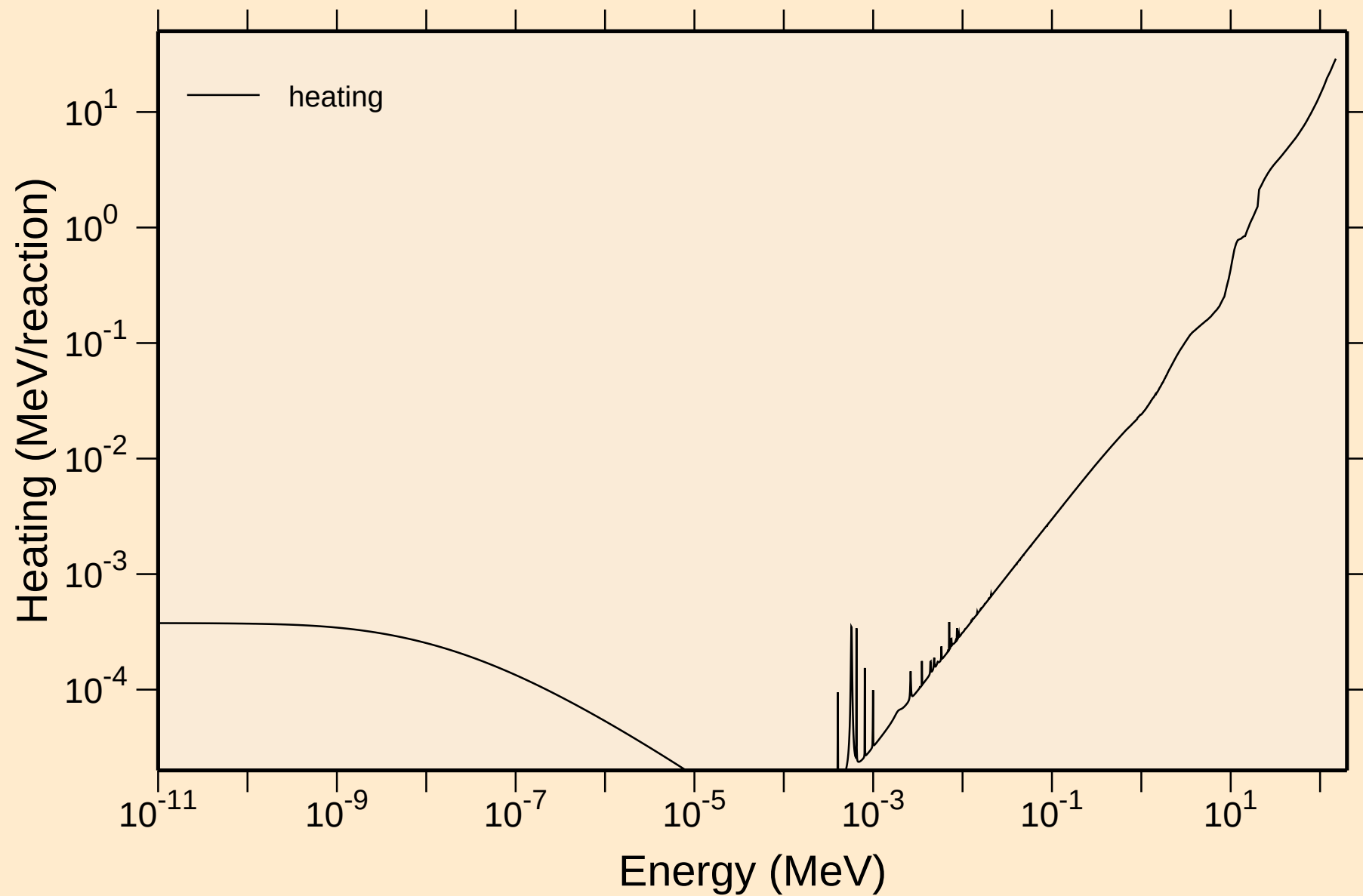


JEFF-3.1 CU-63 resonance absorption cross sections



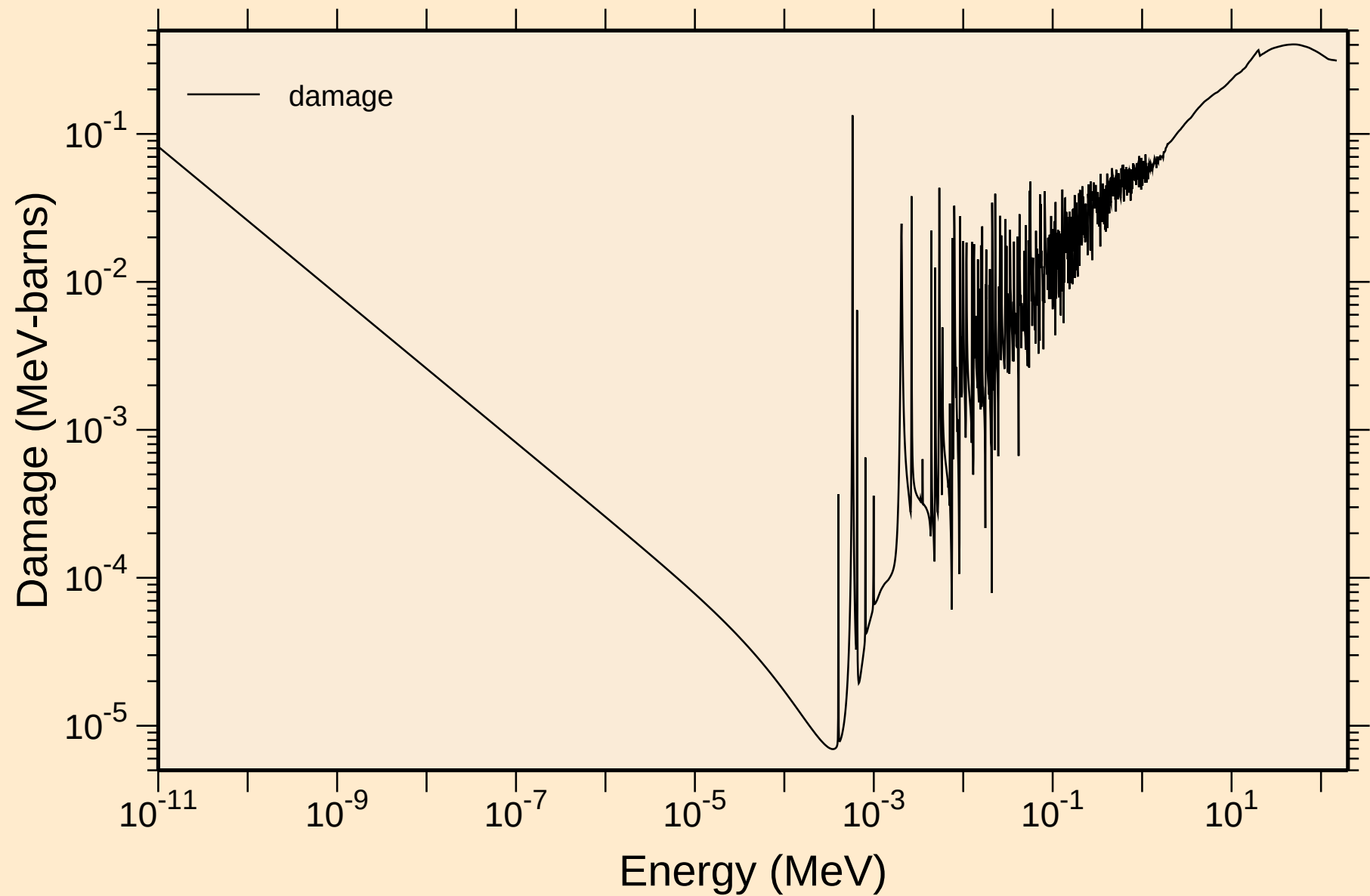
JEFF-3.1 CU-63

Heating



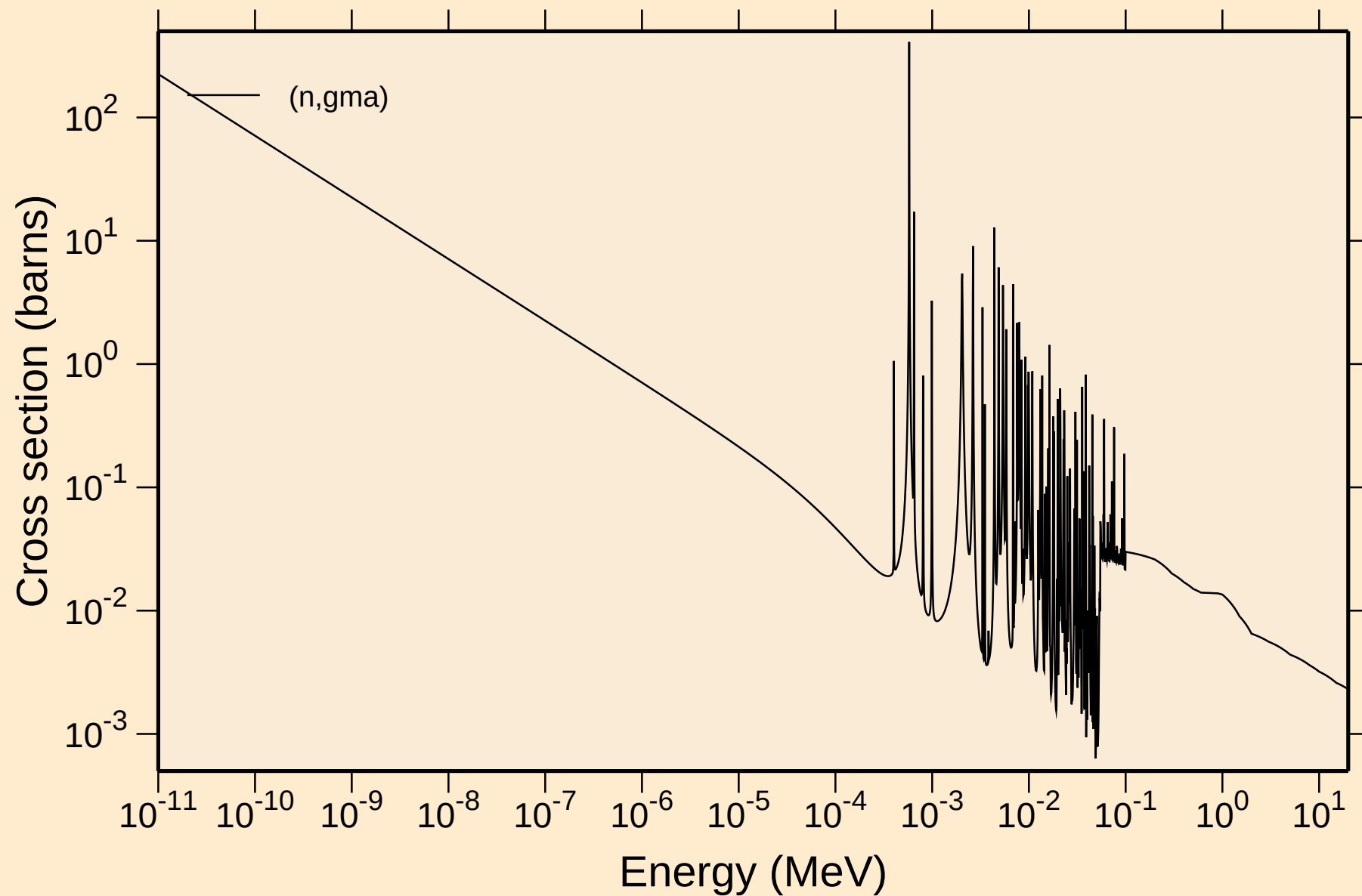
JEFF-3.1 CU-63

Damage



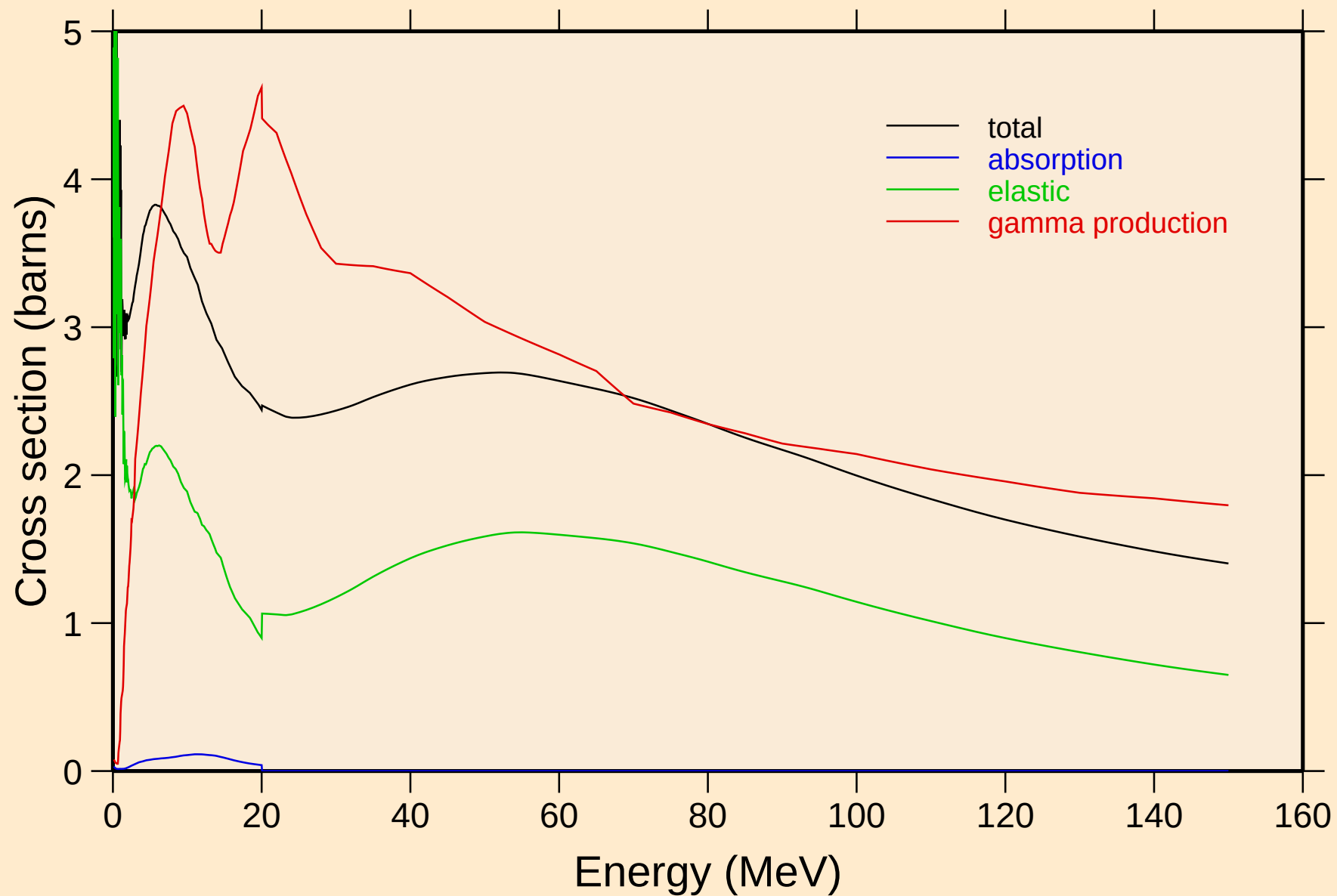
JEFF-3.1 CU-63

Non-threshold reactions



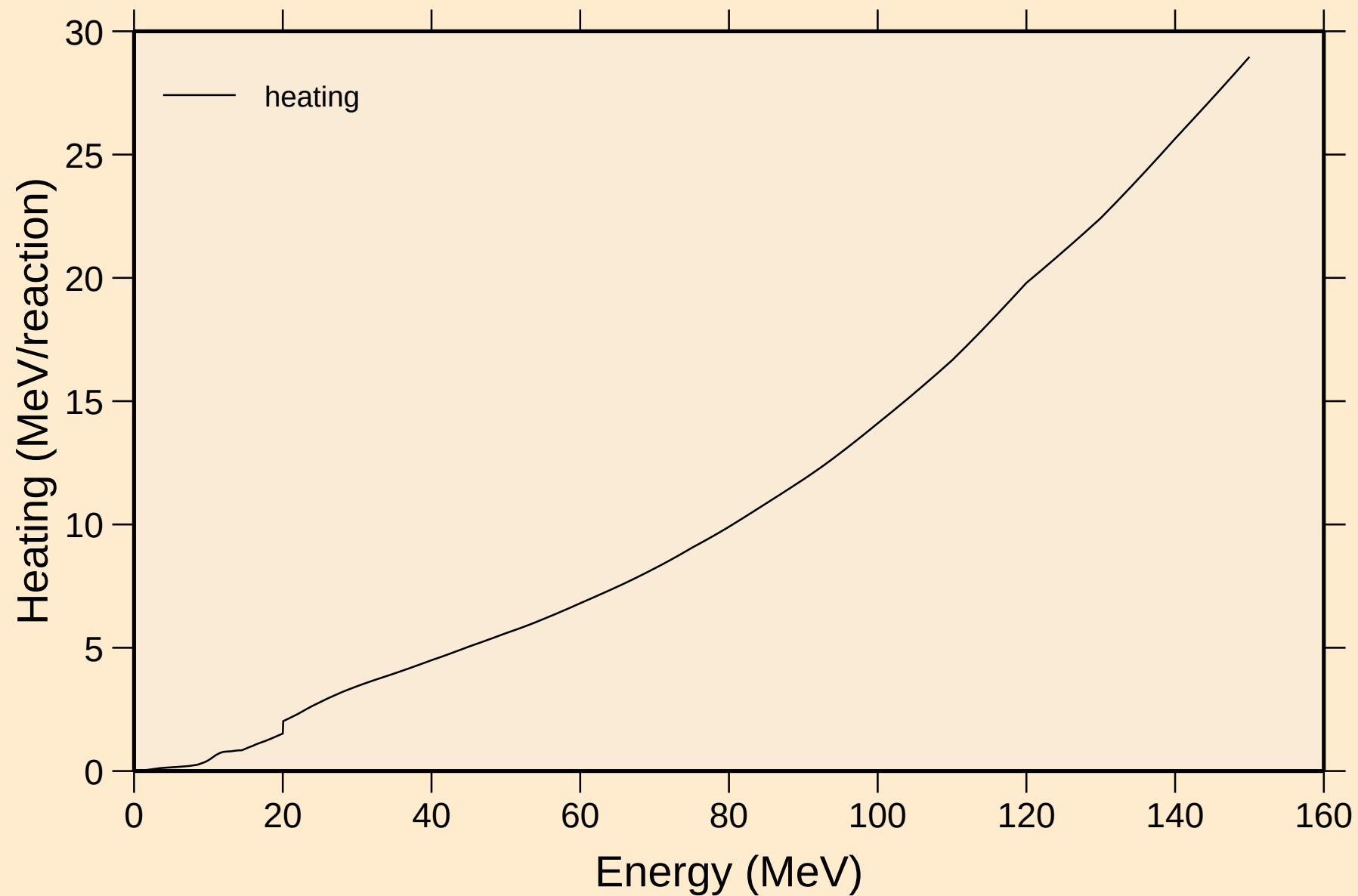
JEFF-3.1 CU-63

Principal cross sections



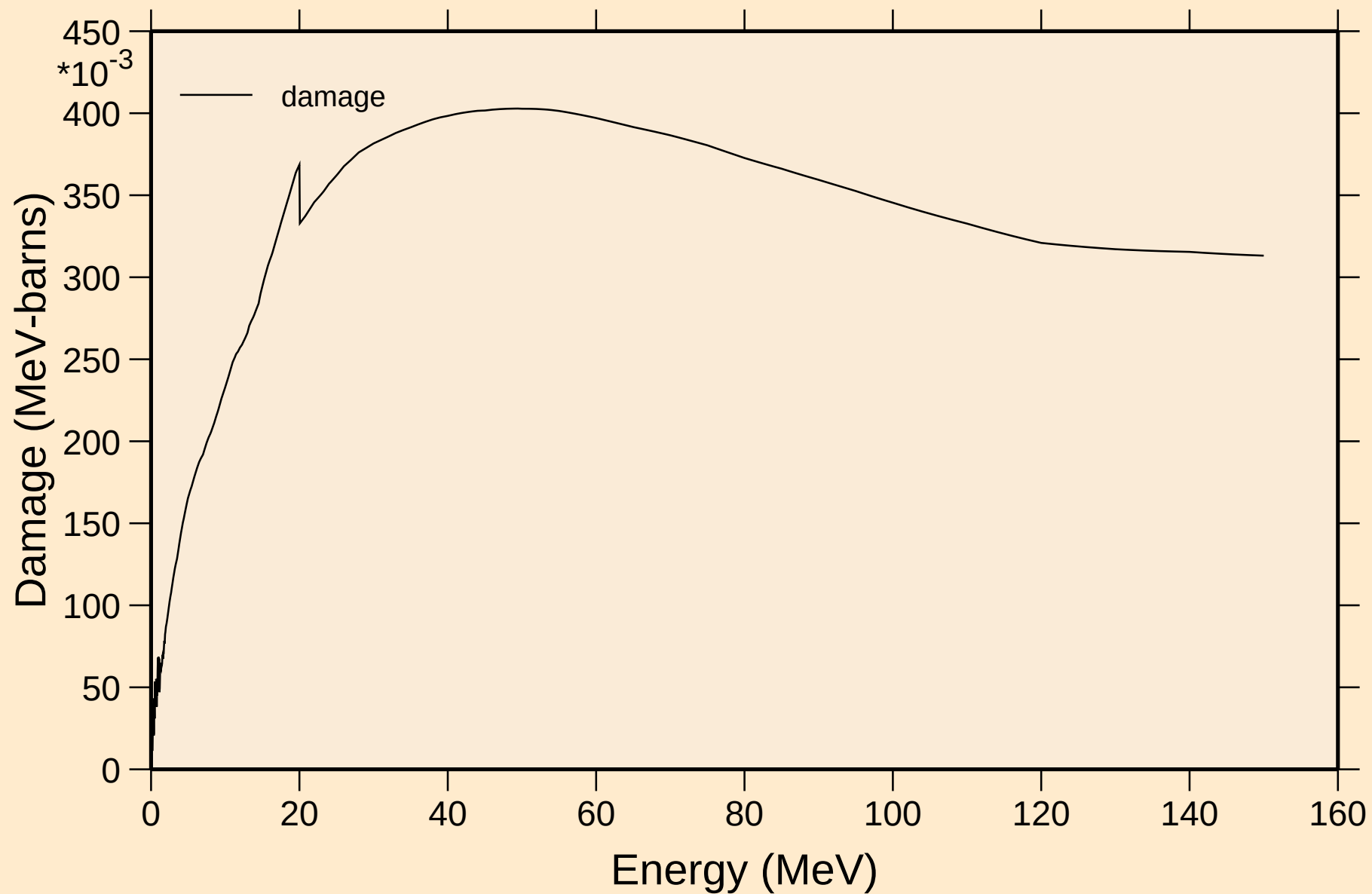
JEFF-3.1 CU-63

Heating



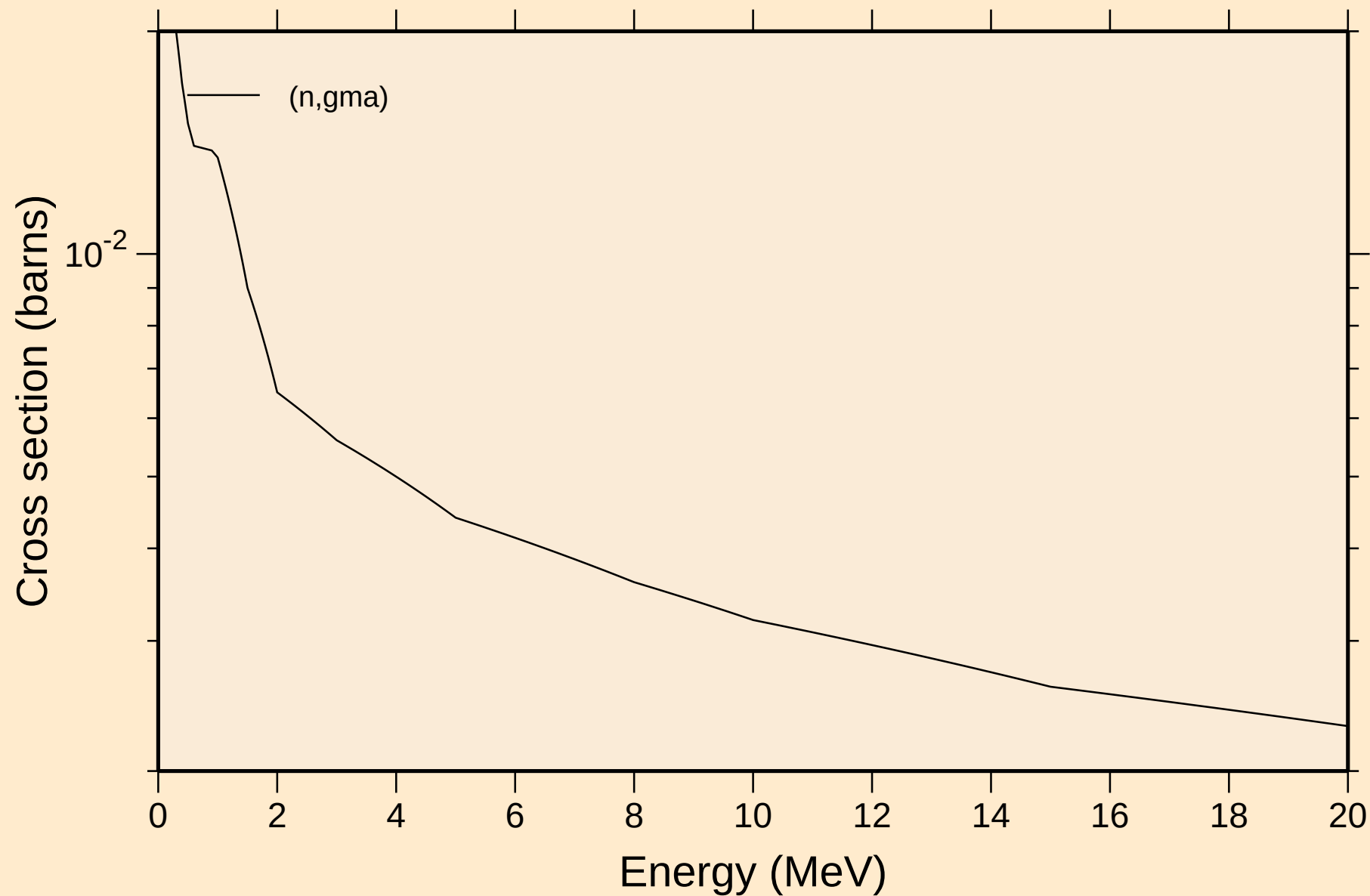
JEFF-3.1 CU-63

Damage



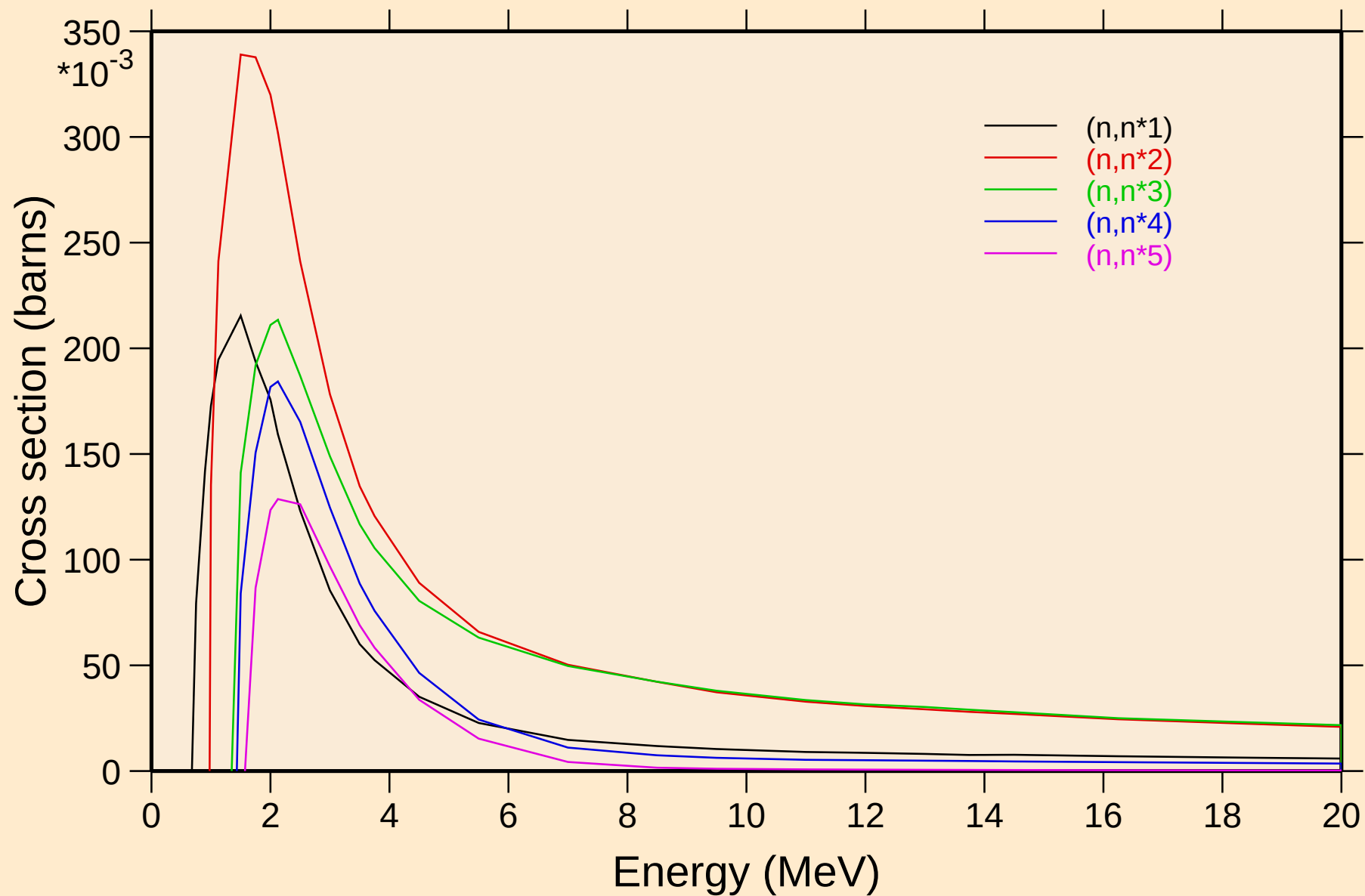
JEFF-3.1 CU-63

Non-threshold reactions



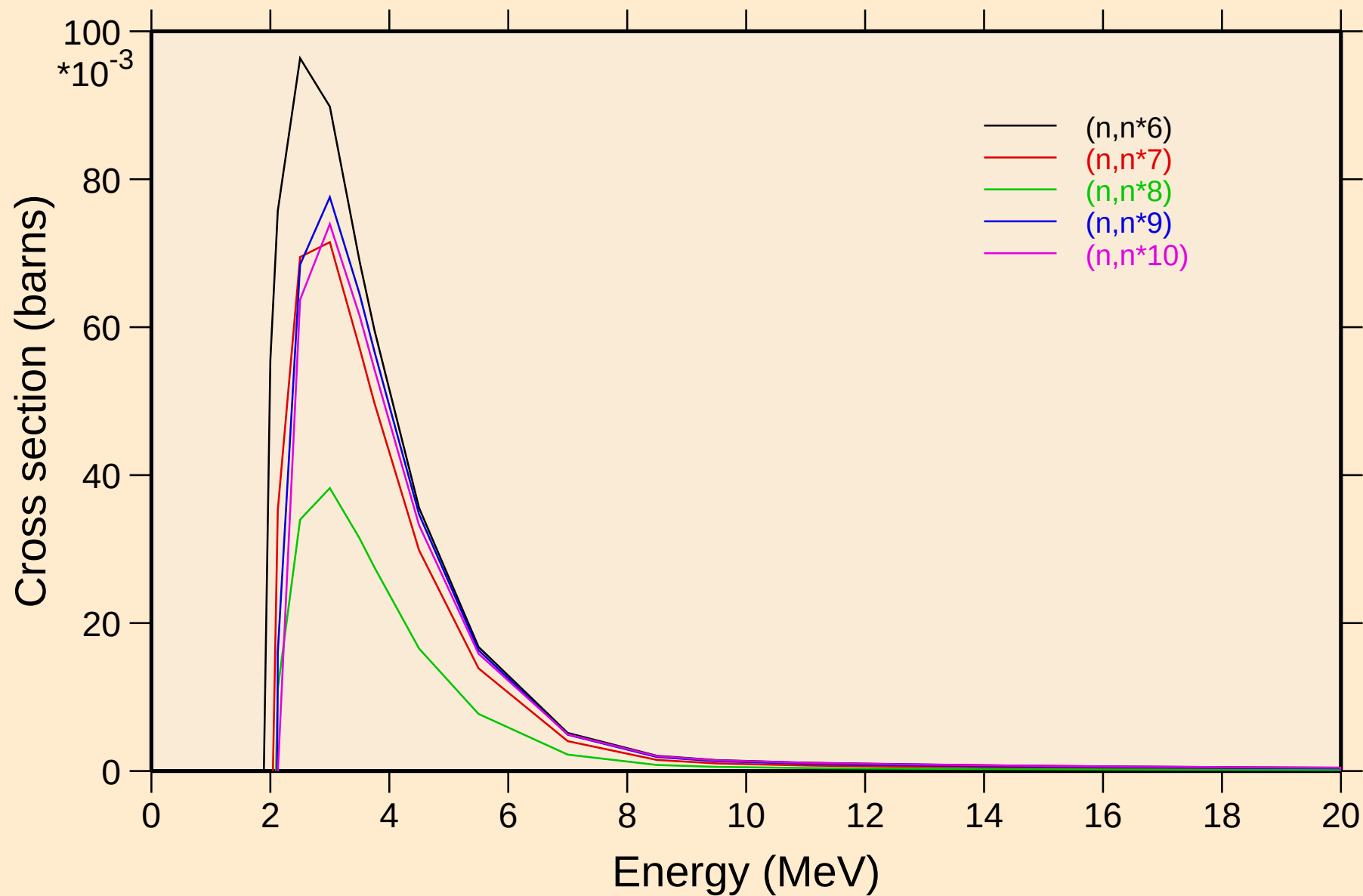
JEFF-3.1 CU-63

Inelastic levels



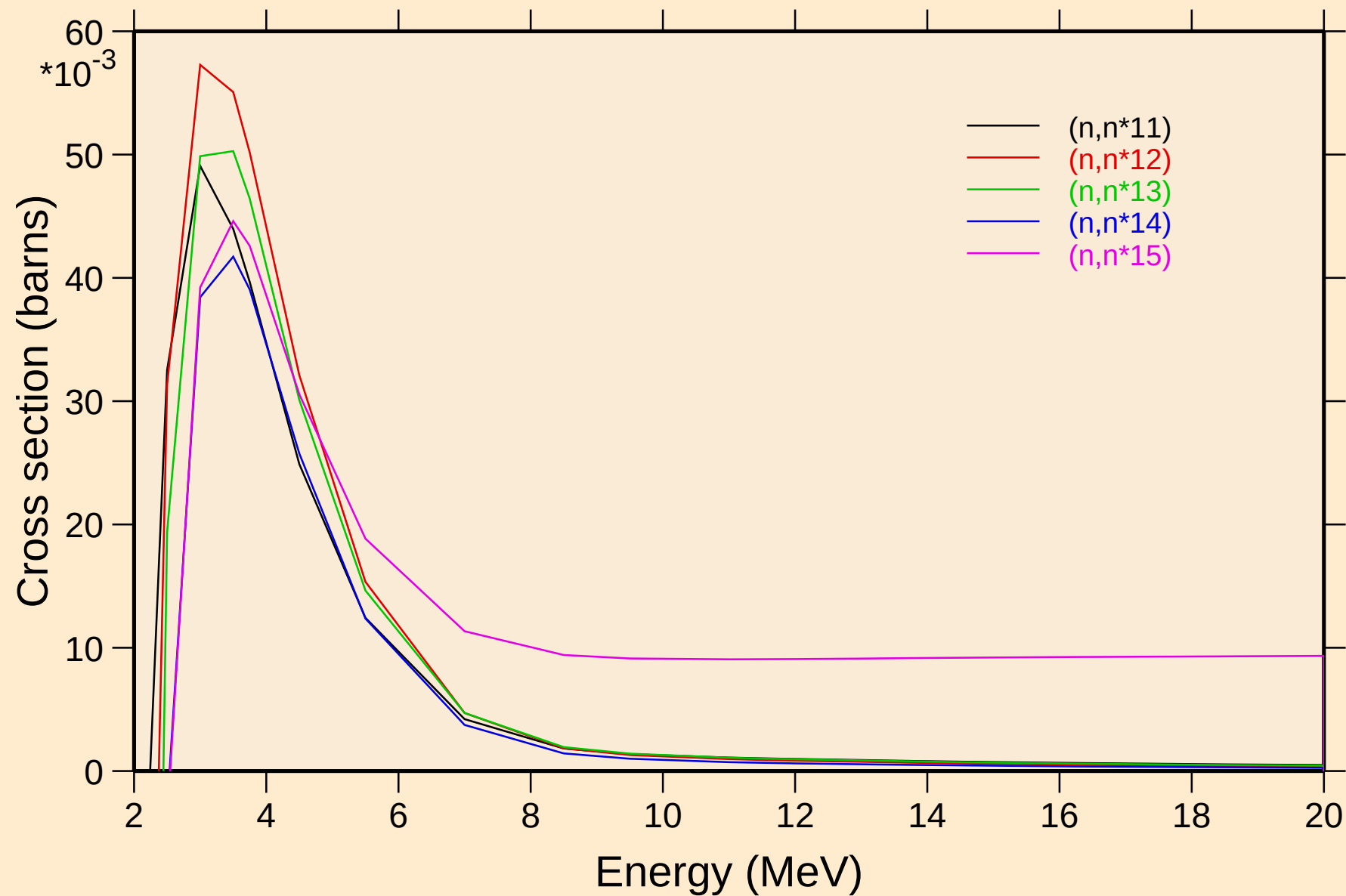
JEFF-3.1 CU-63

Inelastic levels



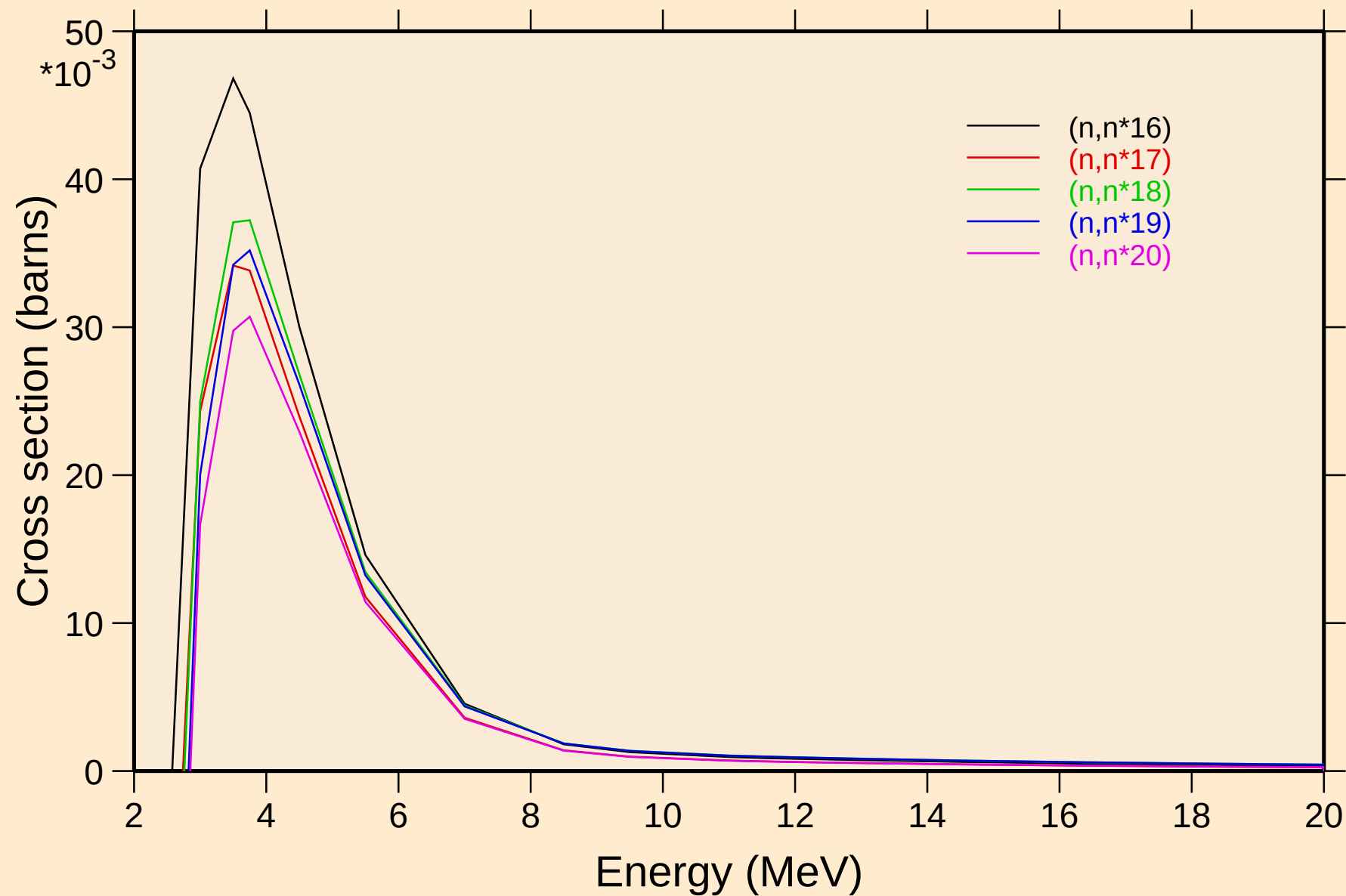
JEFF-3.1 CU-63

Inelastic levels



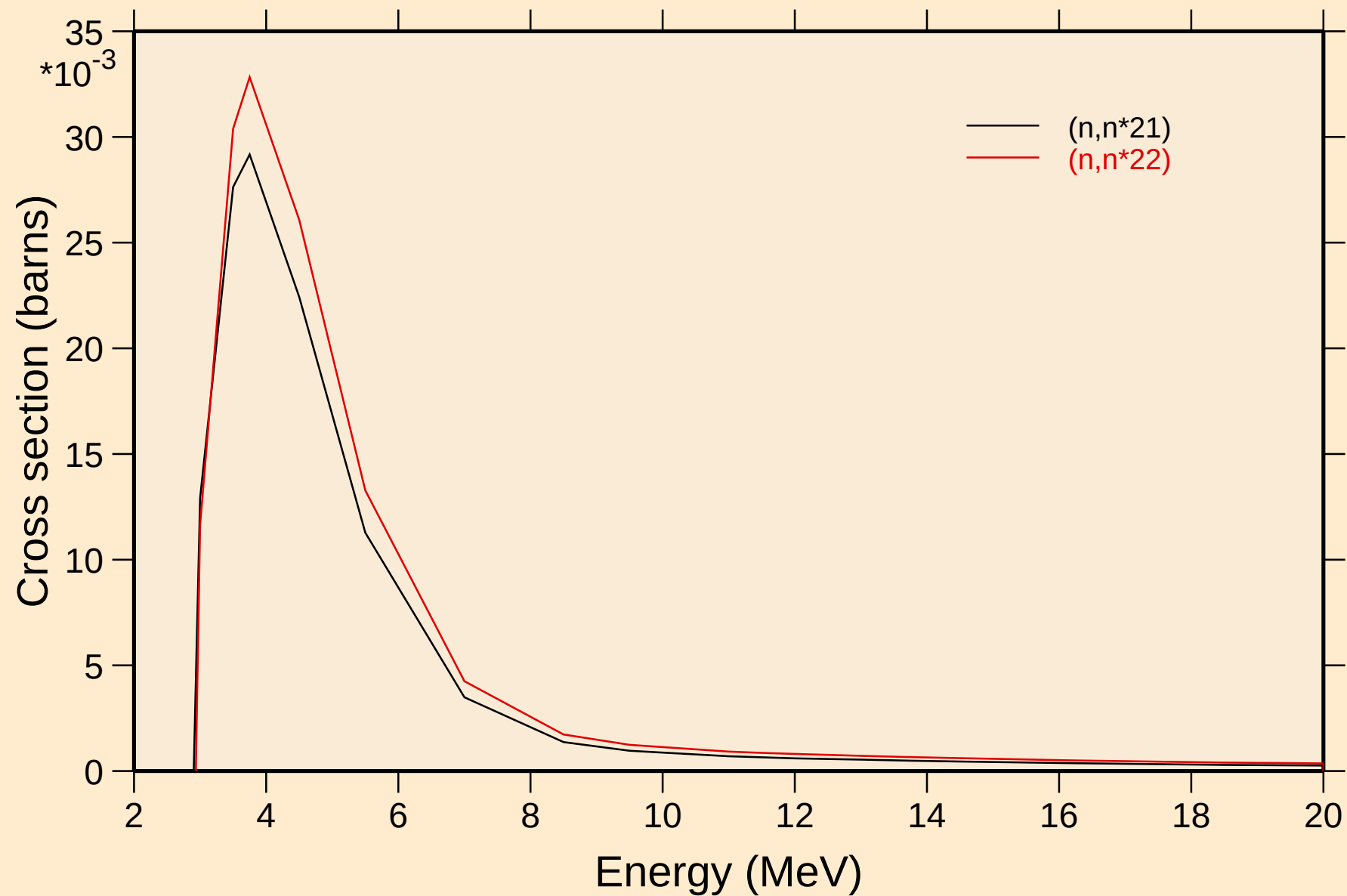
JEFF-3.1 CU-63

Inelastic levels



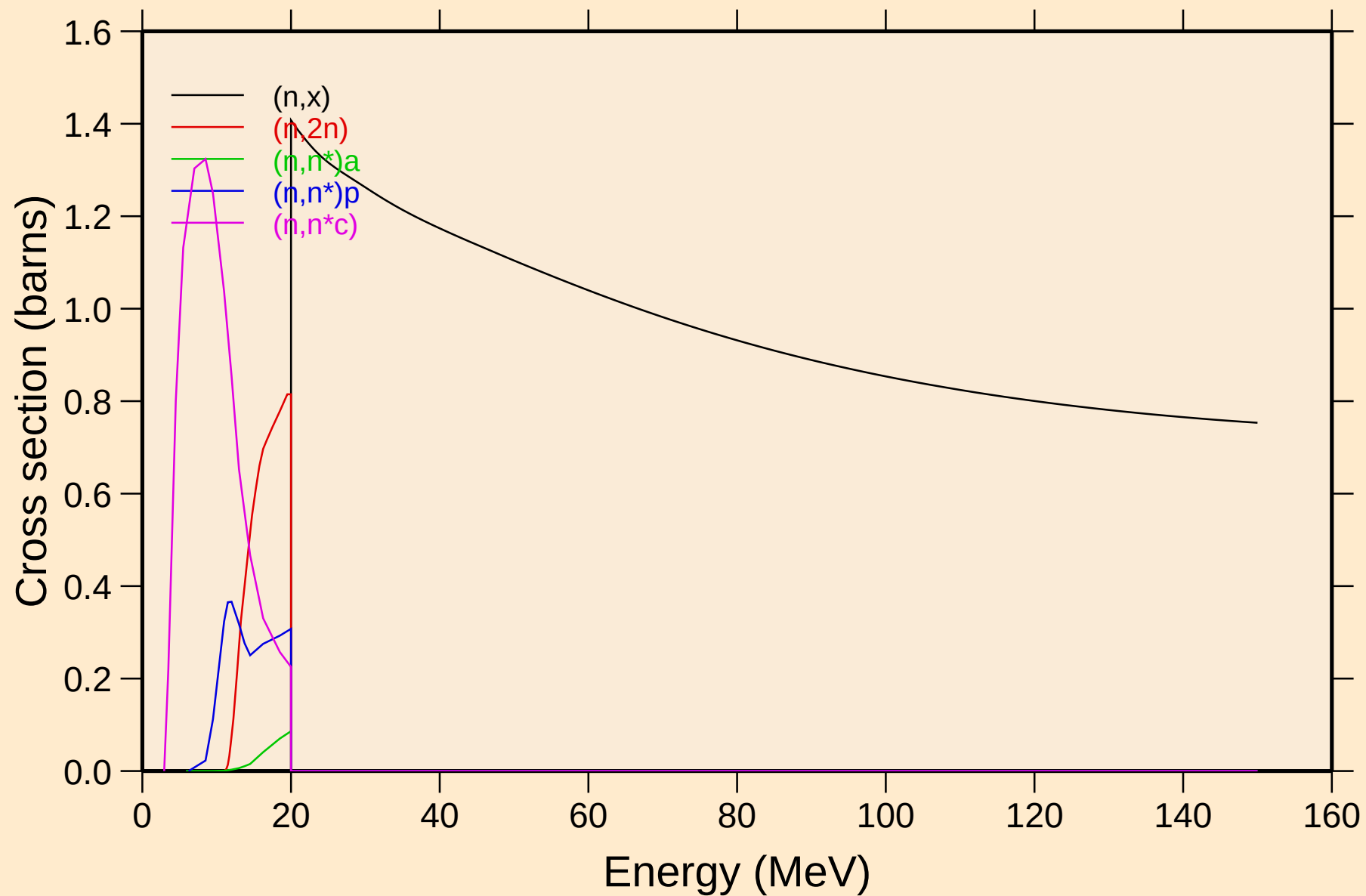
JEFF-3.1 CU-63

Inelastic levels



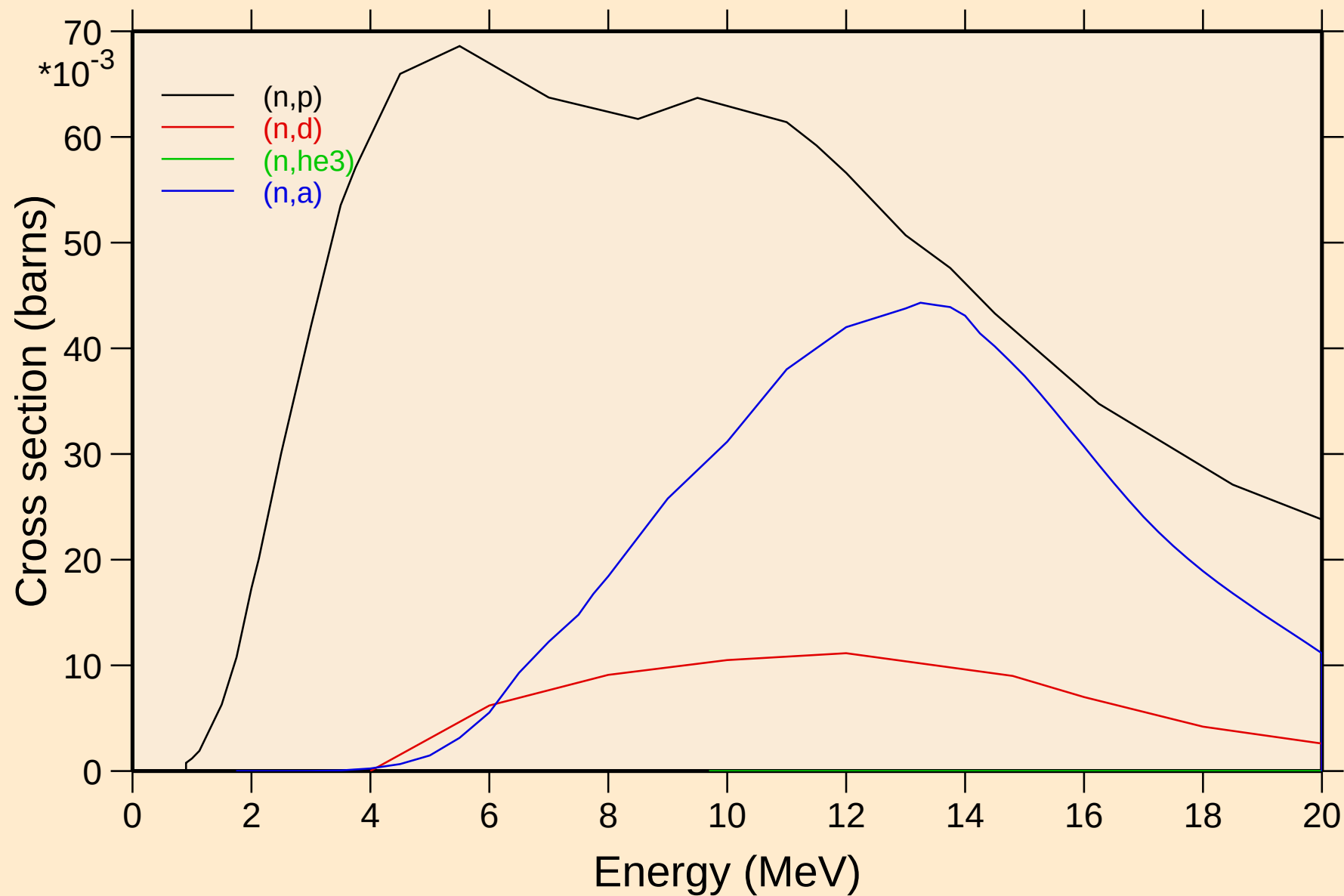
JEFF-3.1 CU-63

Threshold reactions



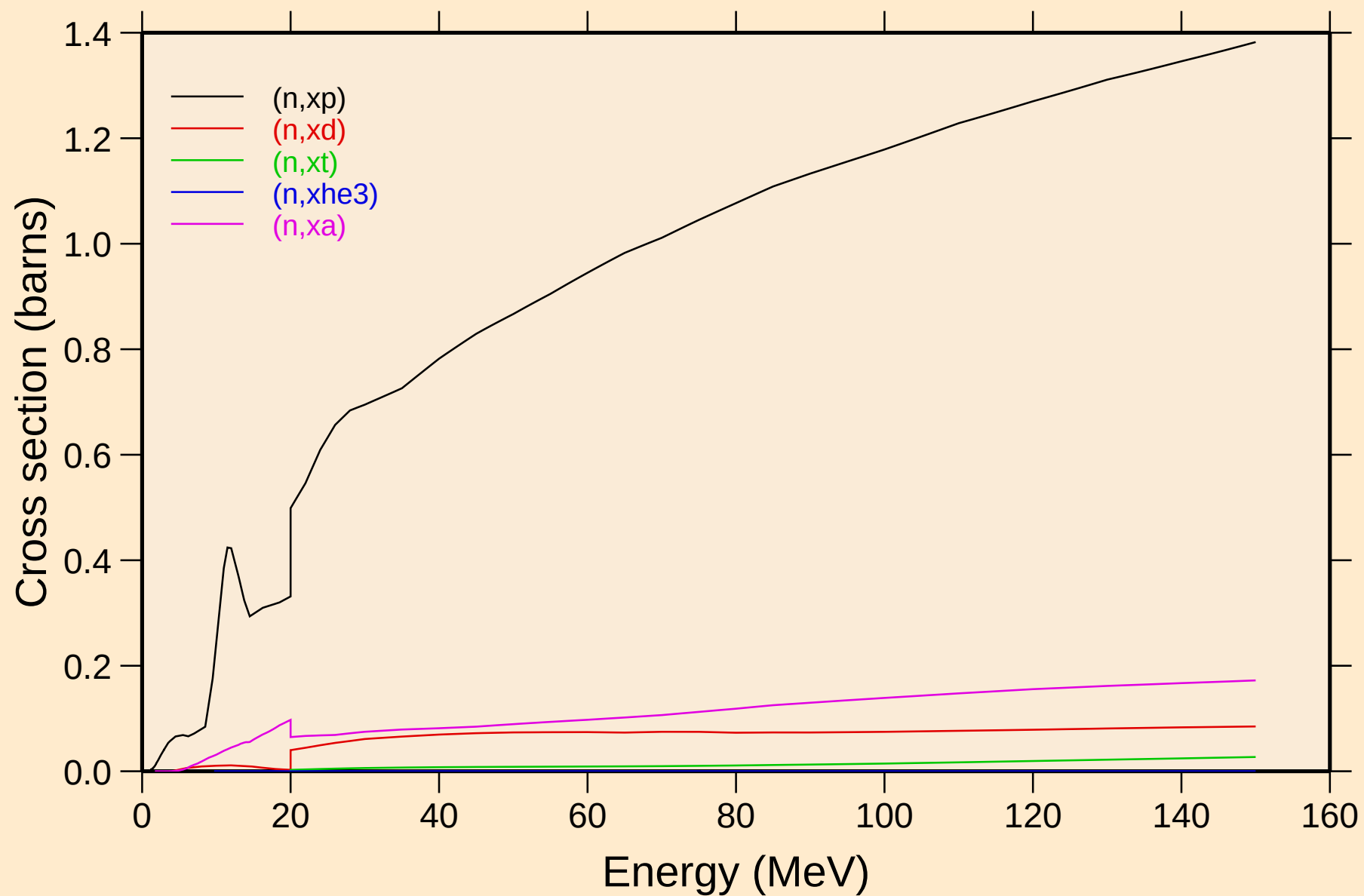
JEFF-3.1 CU-63

Threshold reactions

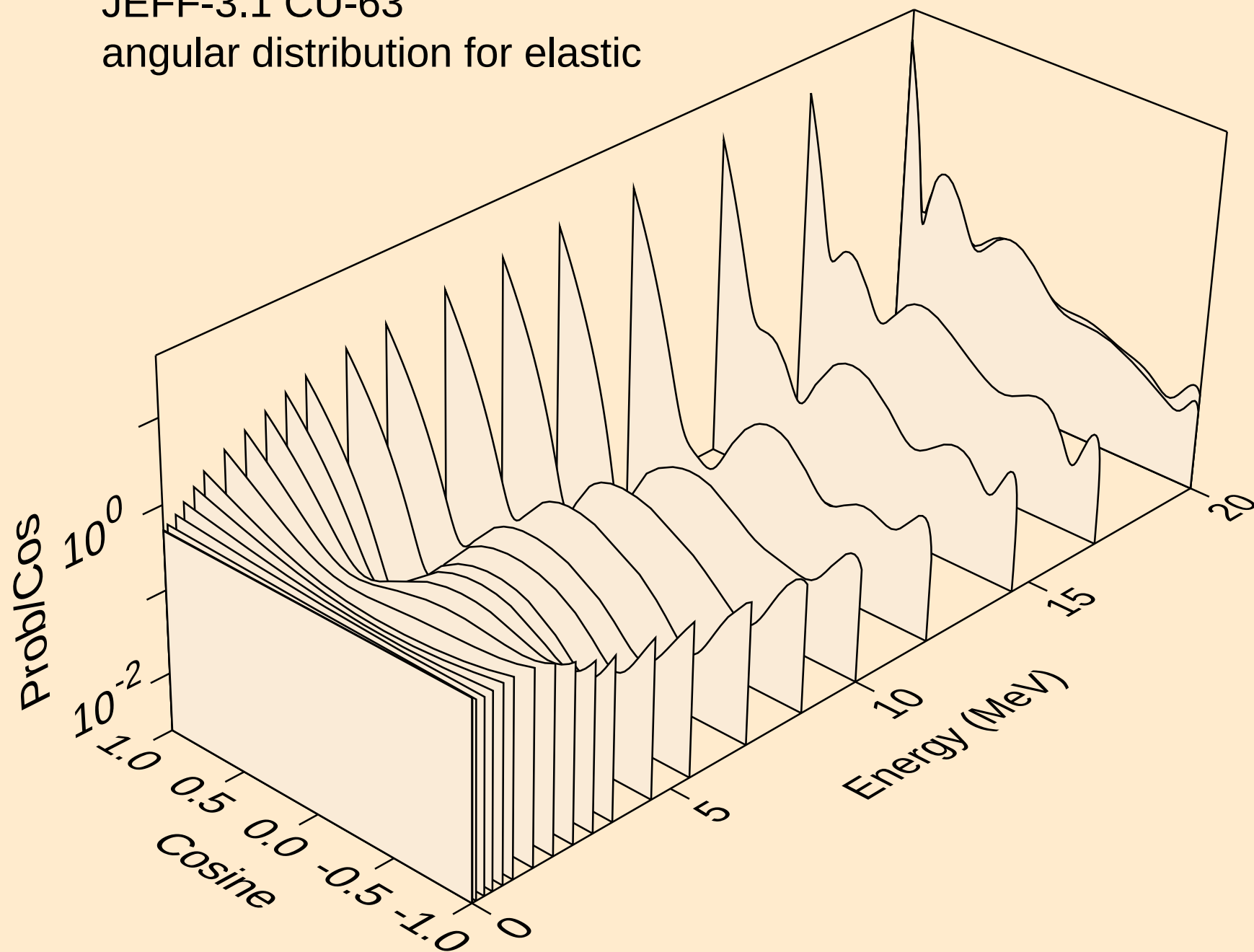


JEFF-3.1 CU-63

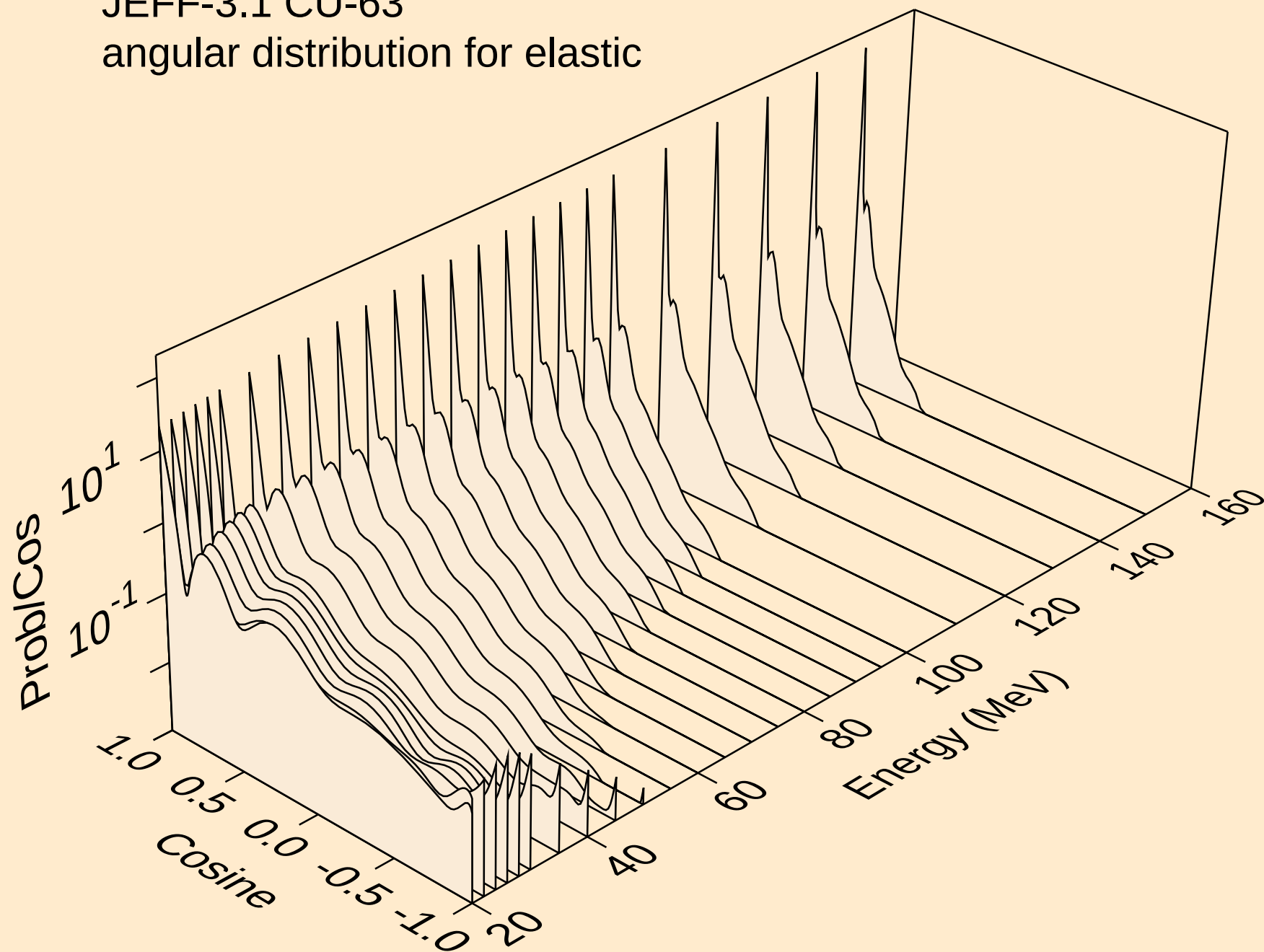
Threshold reactions



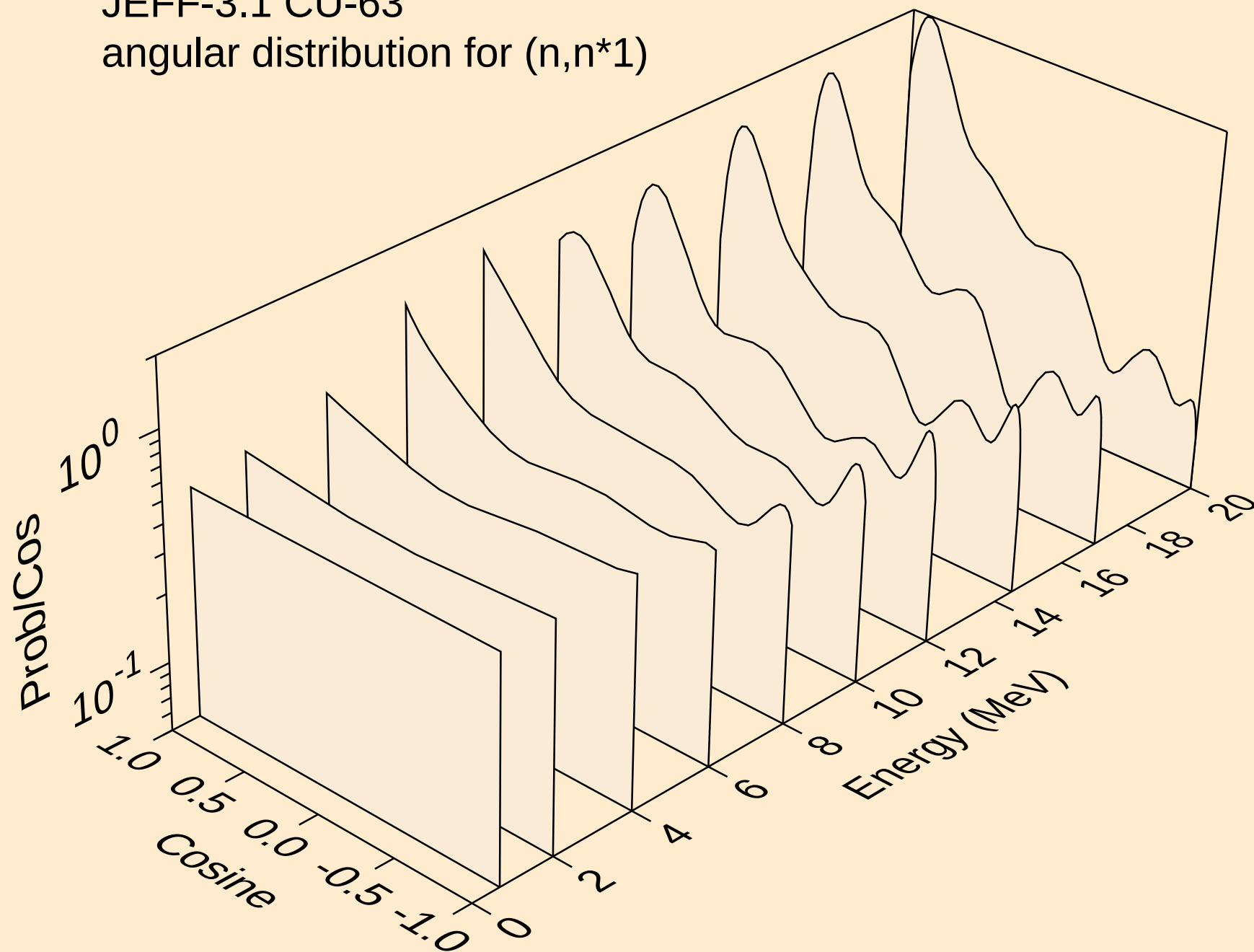
JEFF-3.1 CU-63
angular distribution for elastic



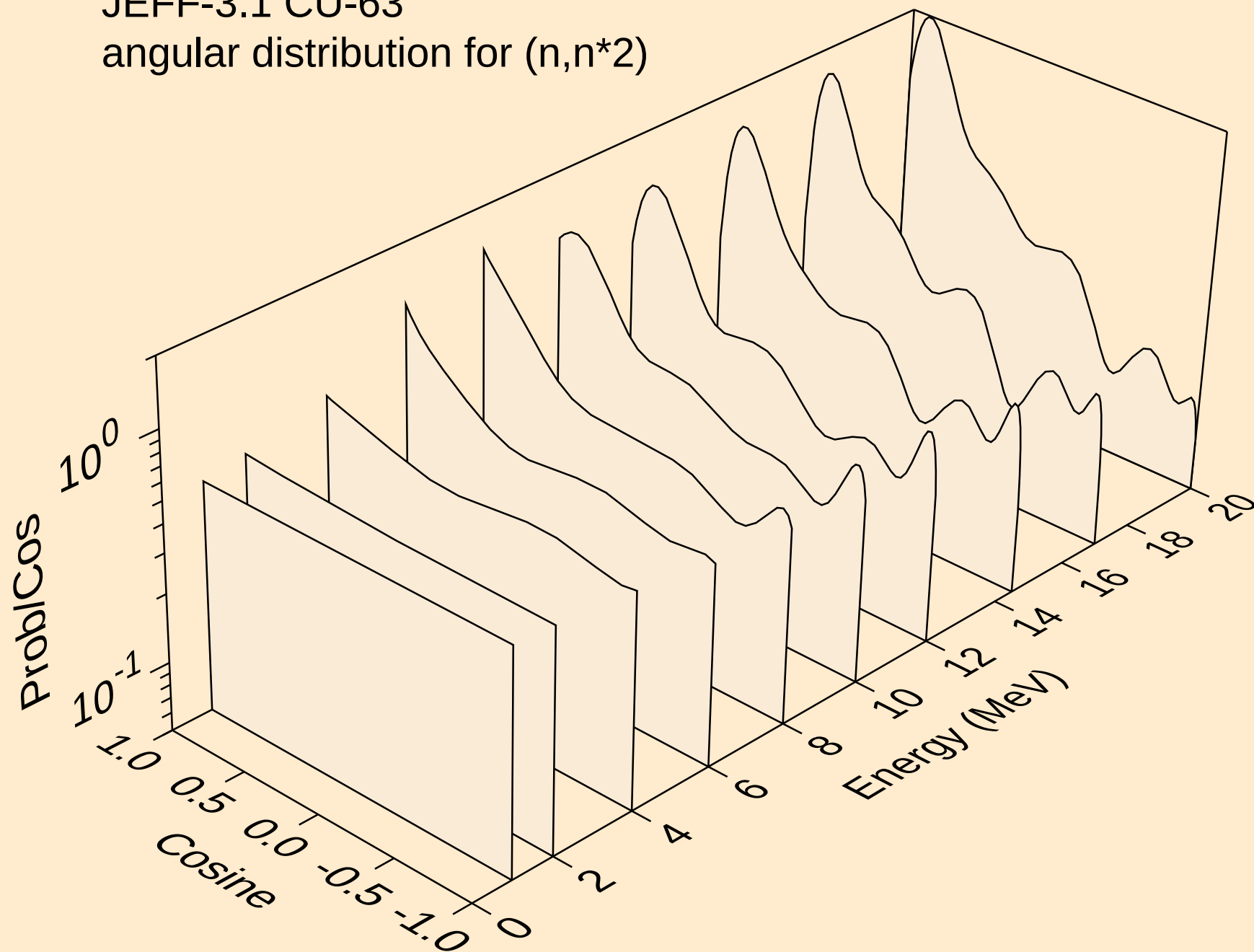
JEFF-3.1 CU-63
angular distribution for elastic



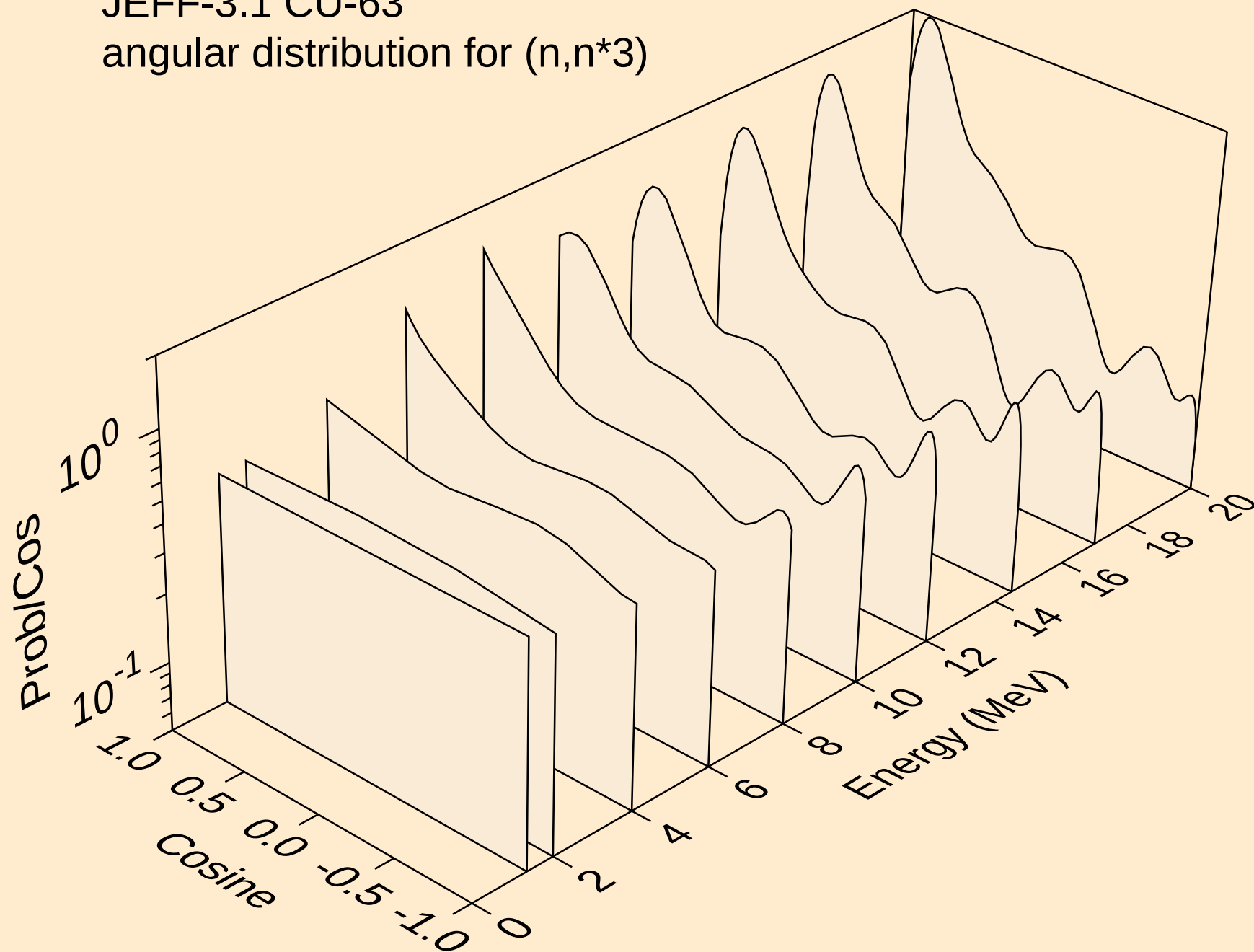
JEFF-3.1 CU-63
angular distribution for (n,n*1)



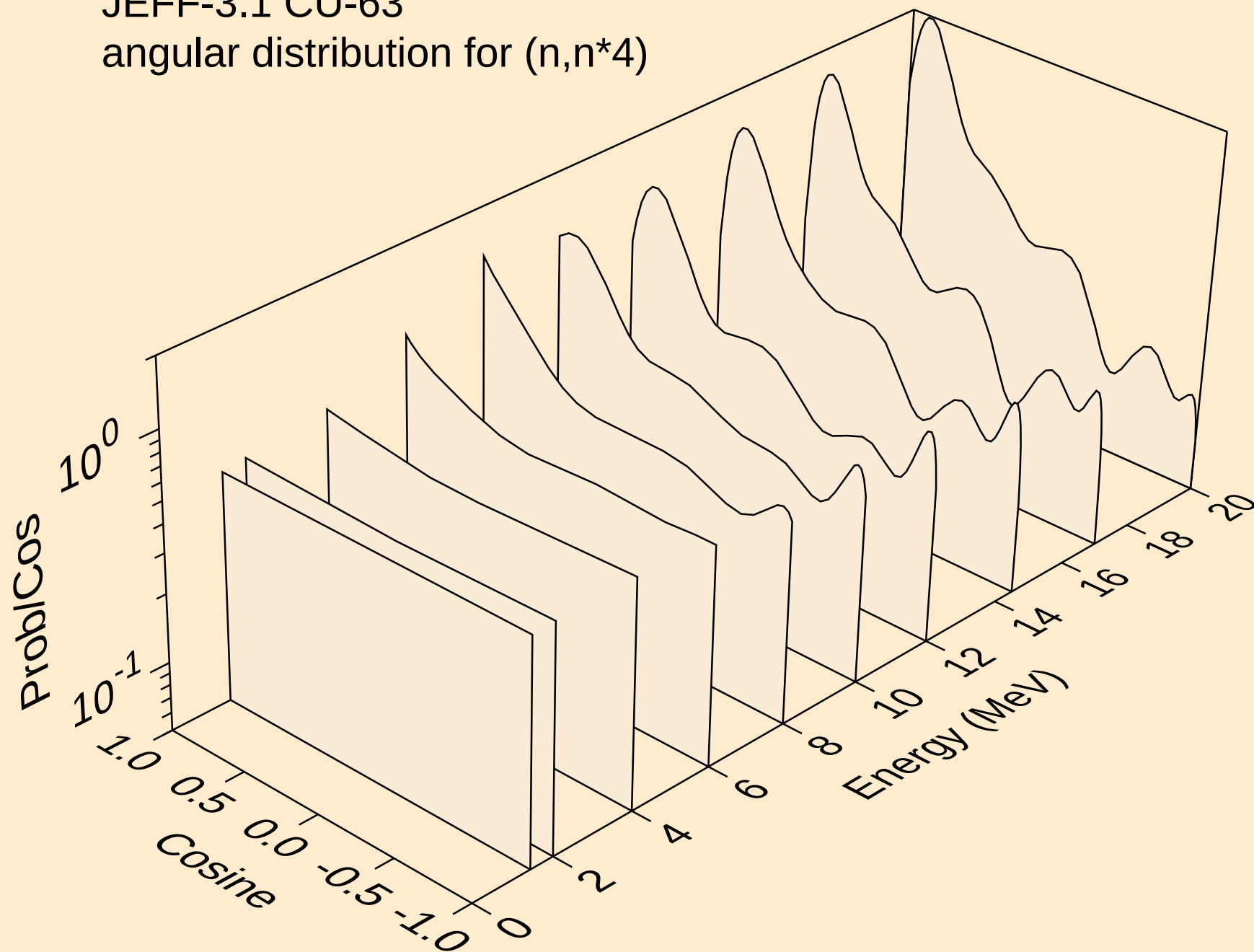
JEFF-3.1 CU-63
angular distribution for (n,n*2)



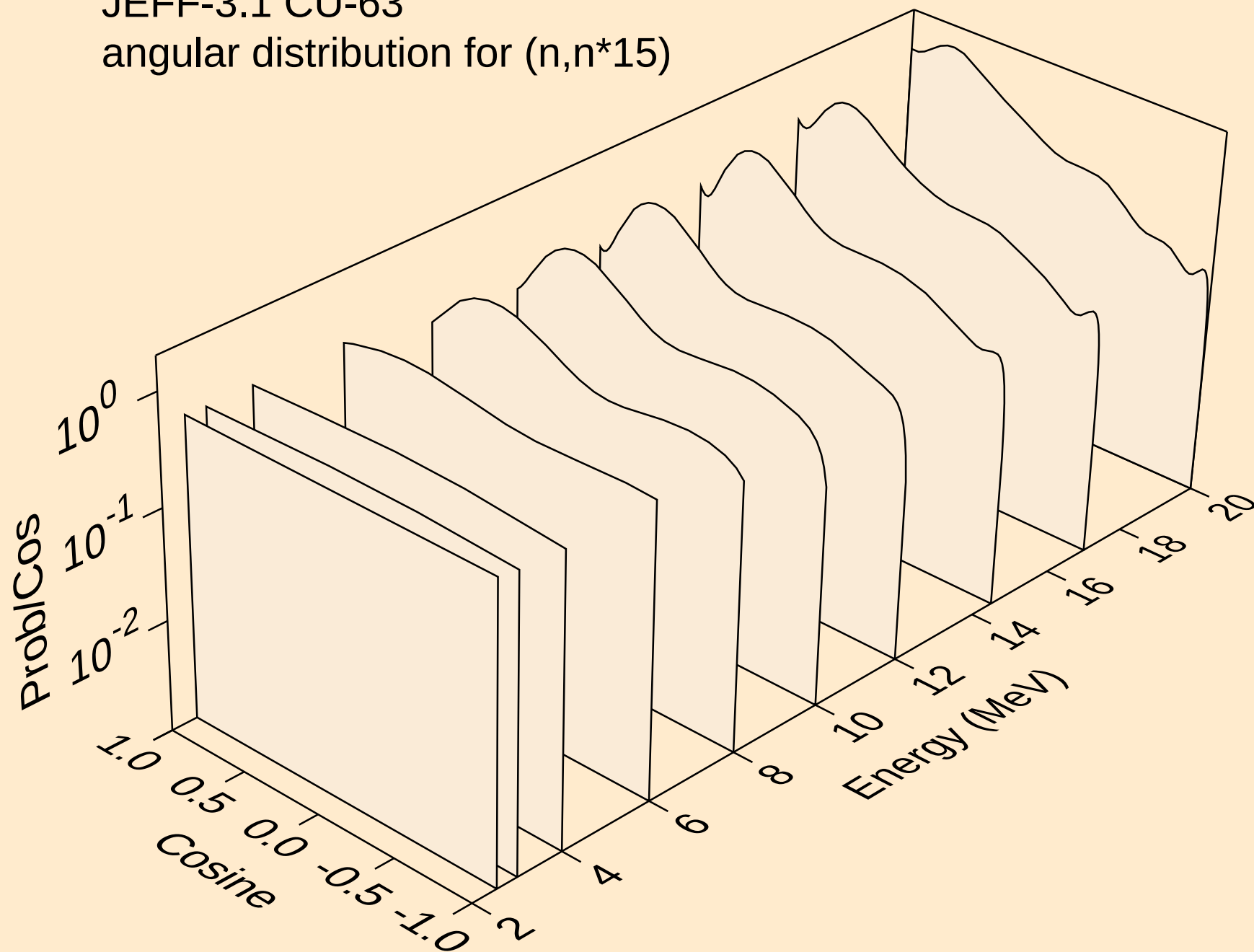
JEFF-3.1 CU-63
angular distribution for (n,n*3)



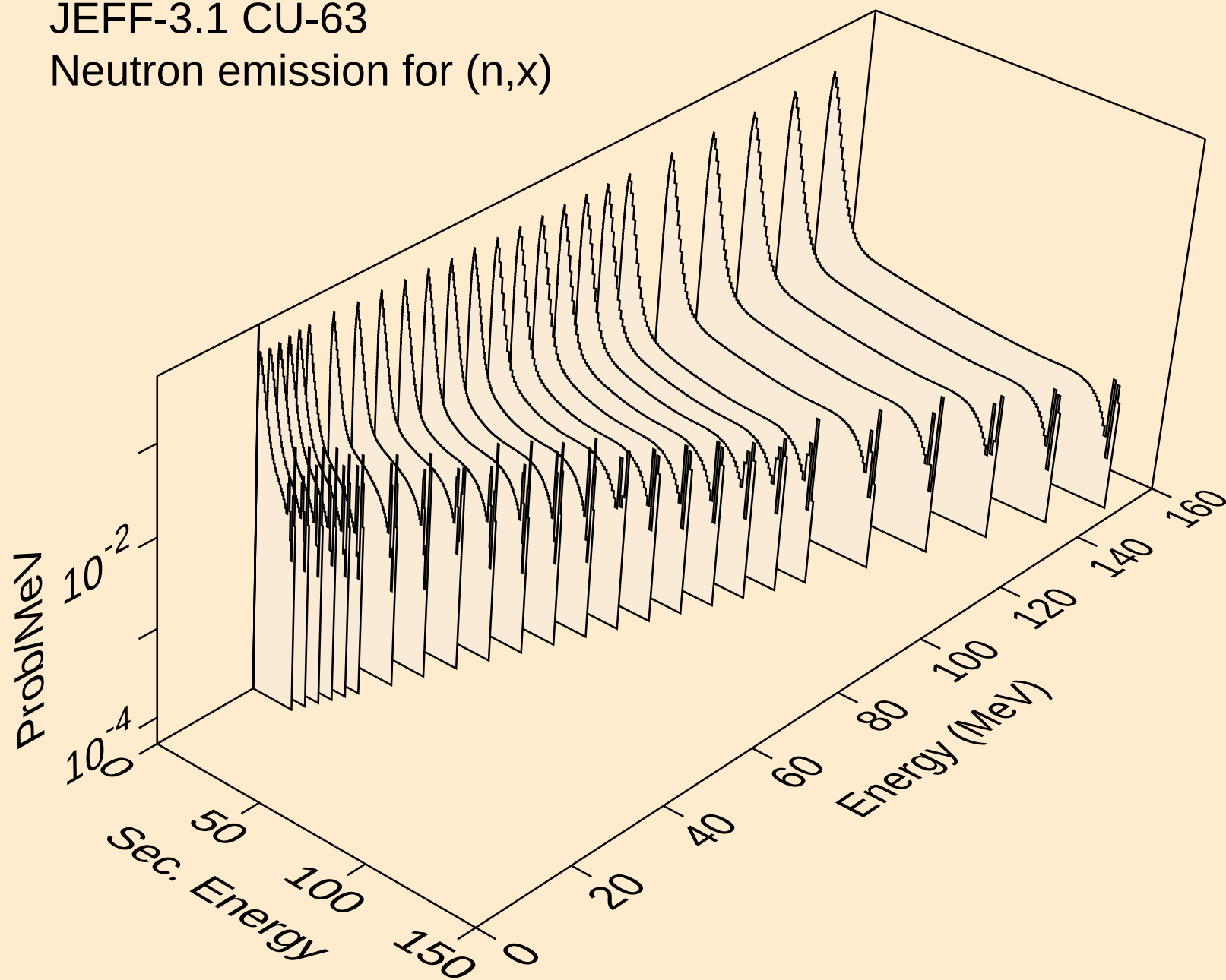
JEFF-3.1 CU-63
angular distribution for (n,n*4)



JEFF-3.1 CU-63
angular distribution for (n,n*15)

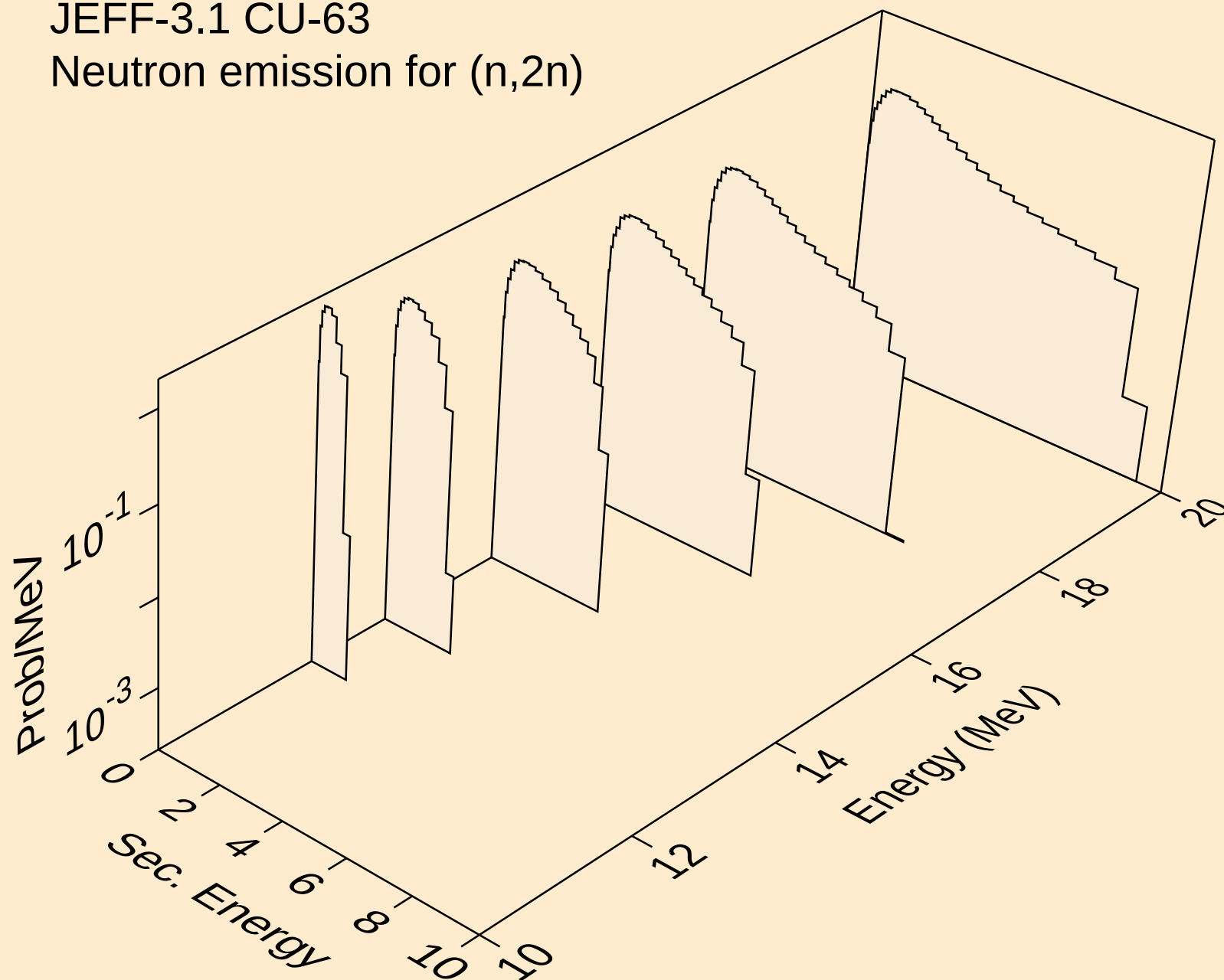


JEFF-3.1 CU-63
Neutron emission for (n,x)



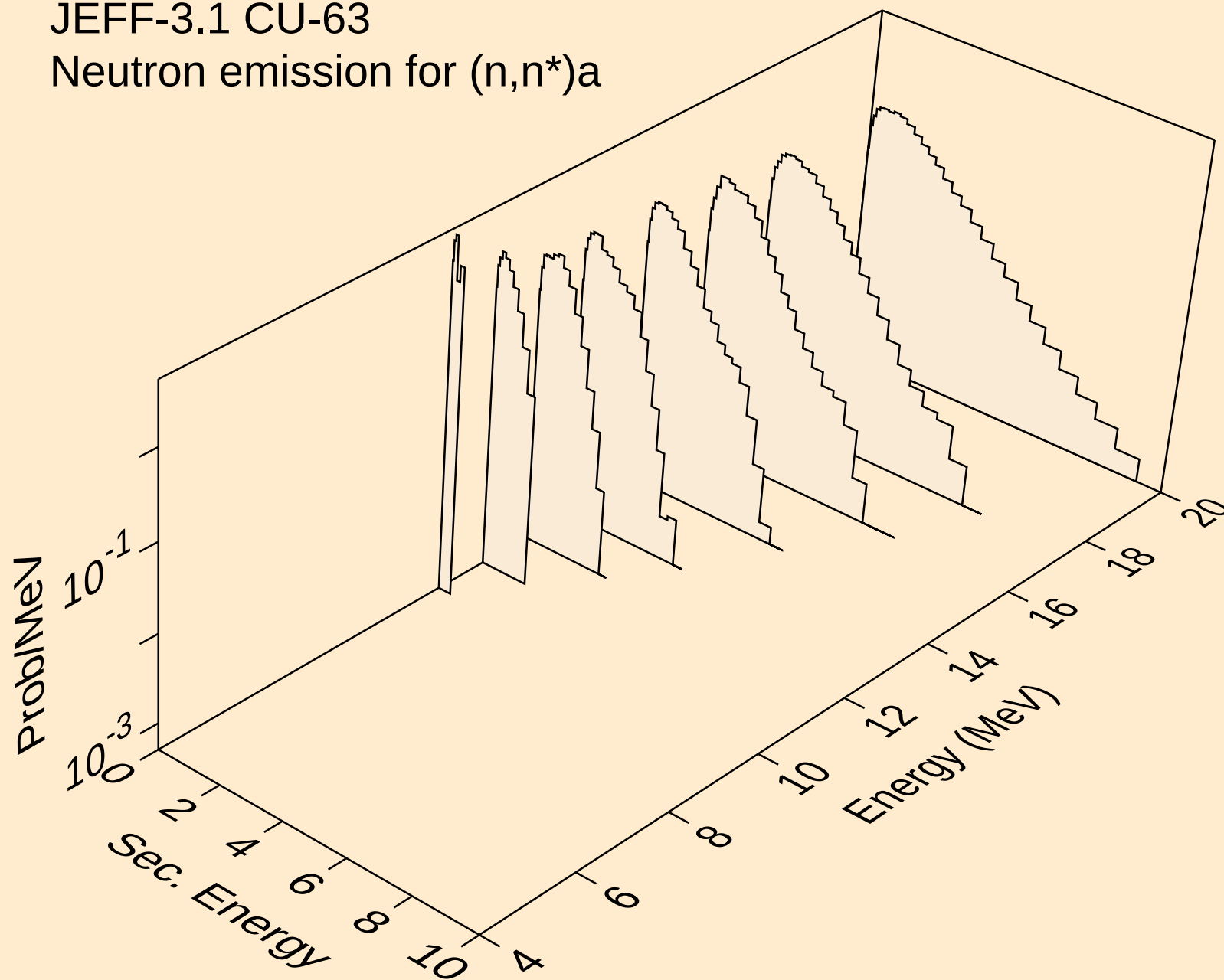
JEFF-3.1 CU-63

Neutron emission for (n,2n)



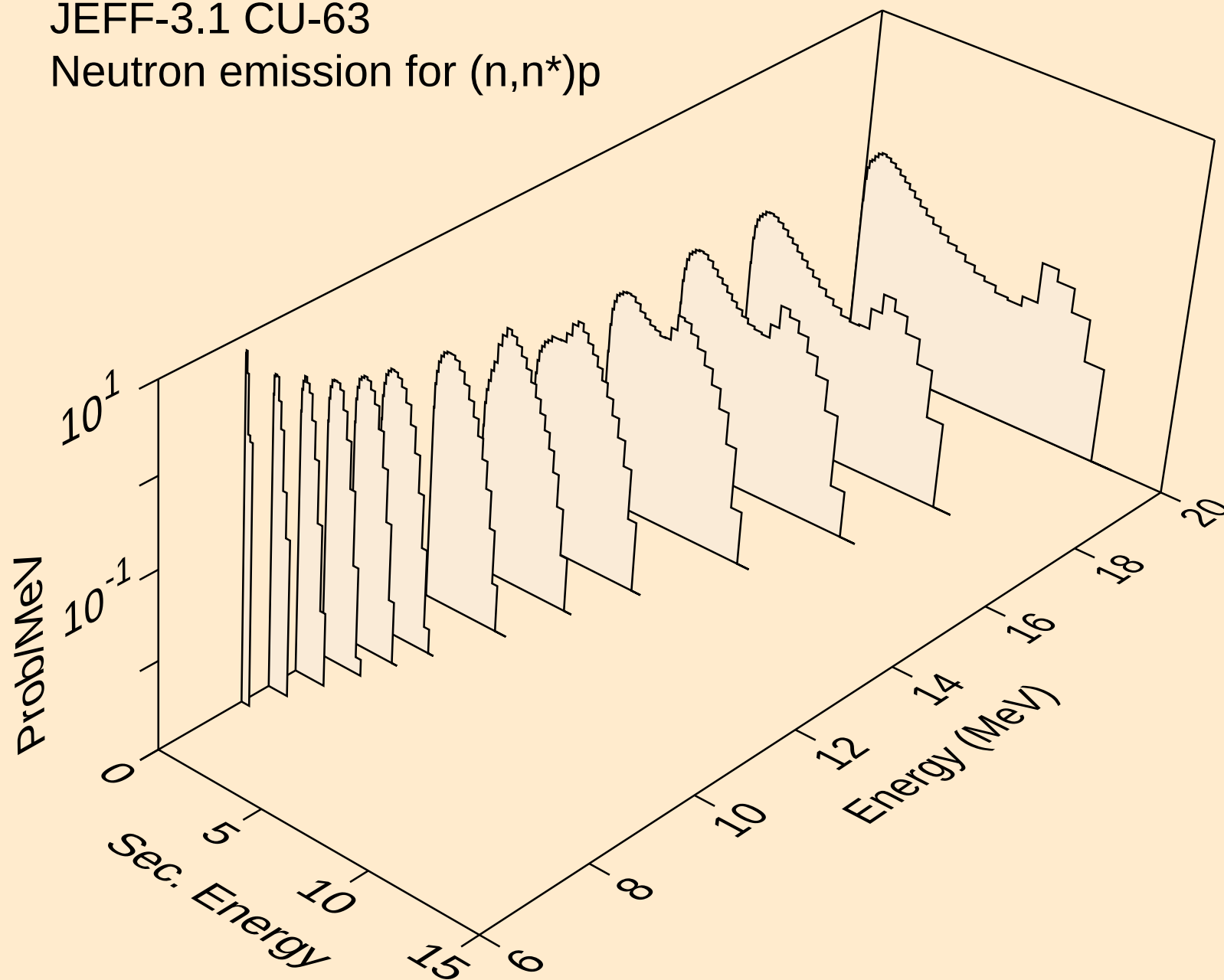
JEFF-3.1 CU-63

Neutron emission for (n,n*)a



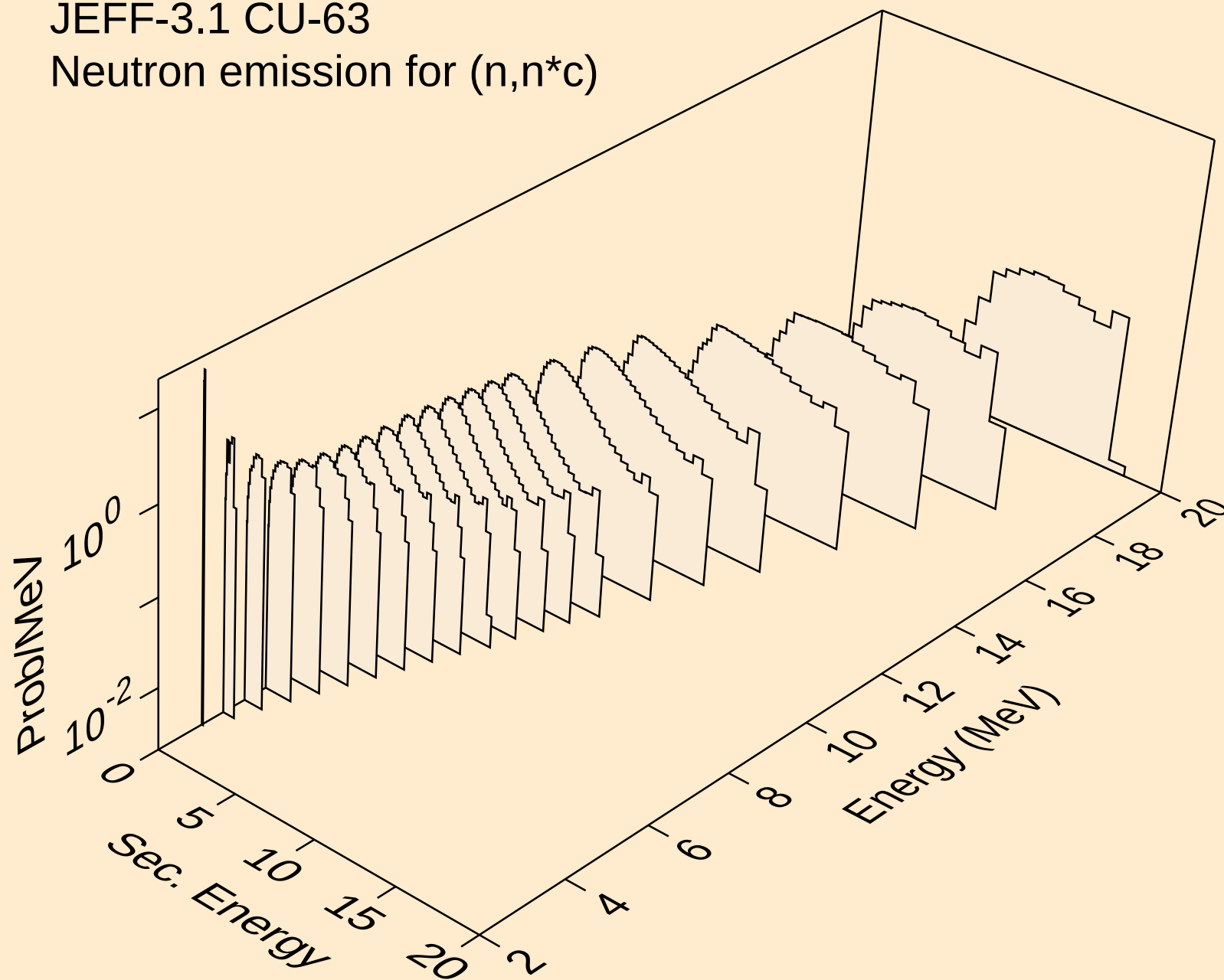
JEFF-3.1 CU-63

Neutron emission for $(n,n^*)p$



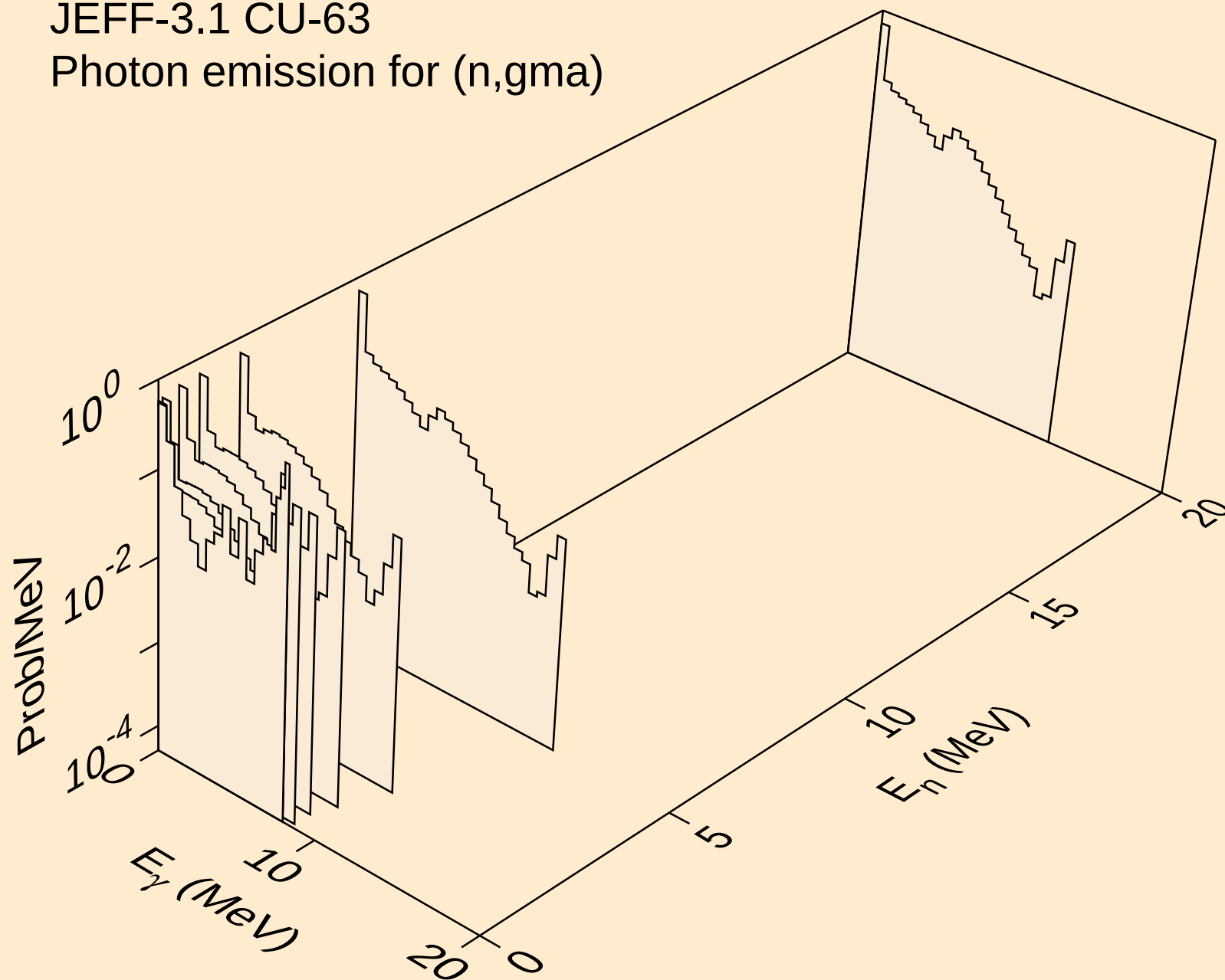
JEFF-3.1 CU-63

Neutron emission for (n,n*c)



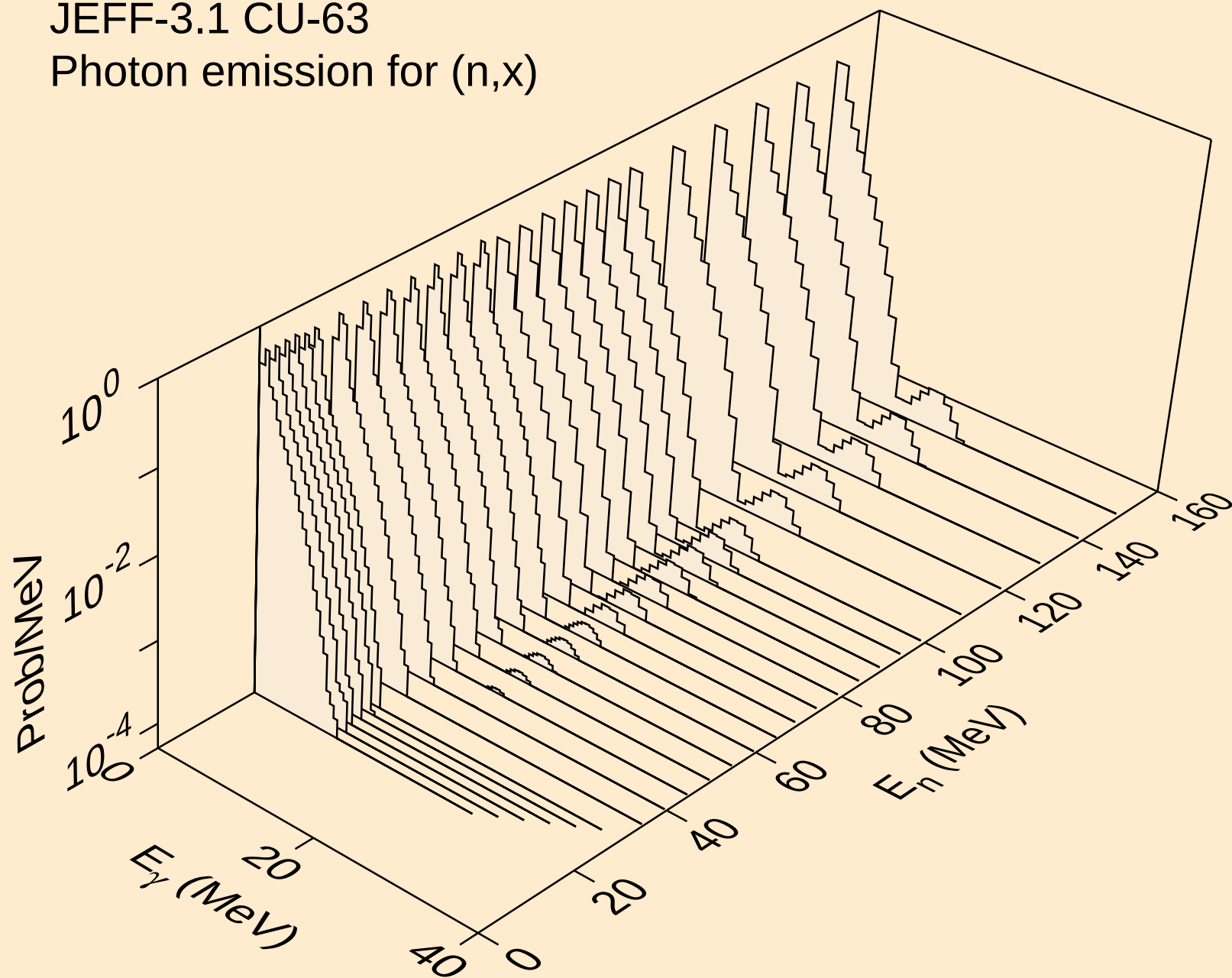
JEFF-3.1 CU-63

Photon emission for (n,gma)



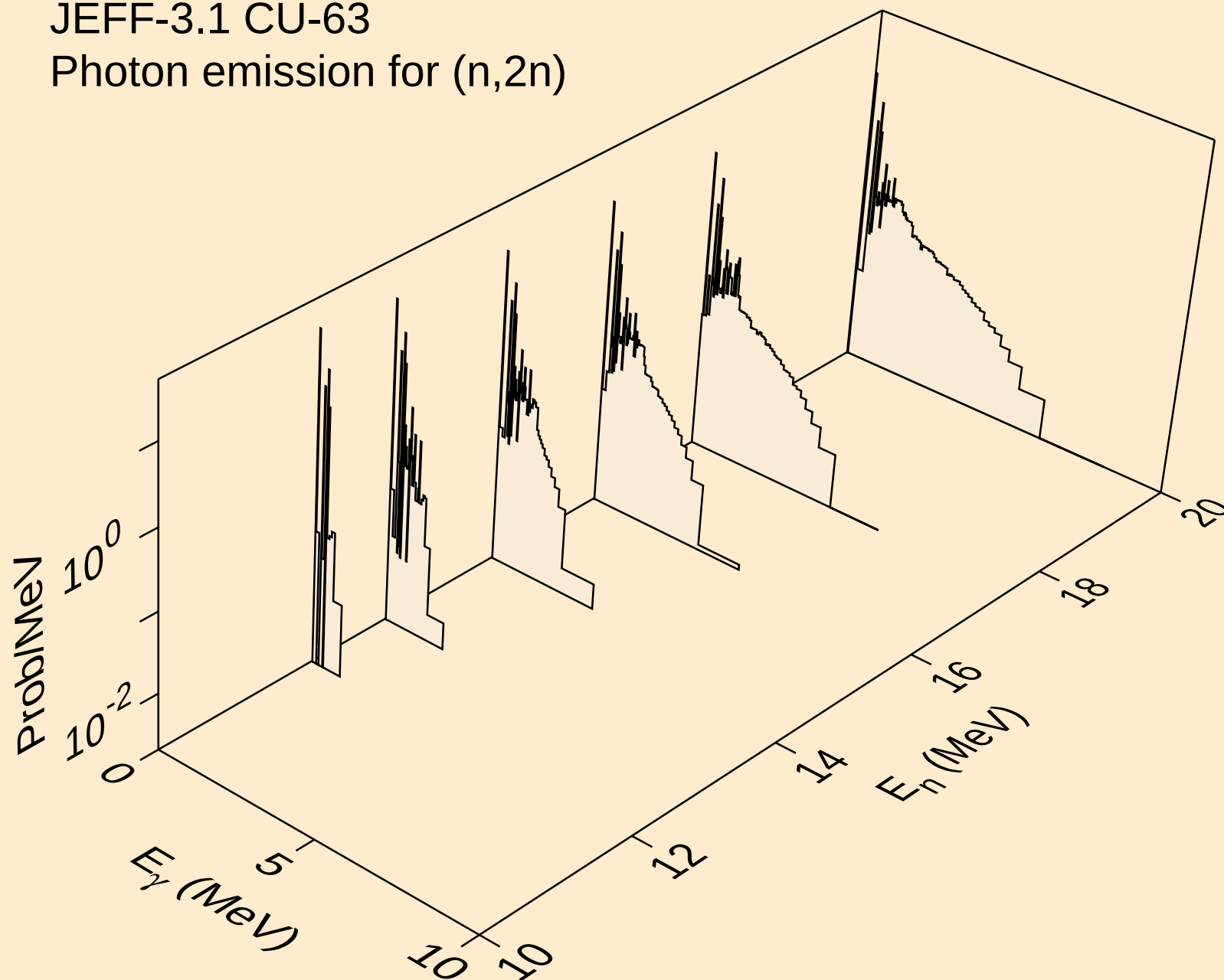
JEFF-3.1 CU-63

Photon emission for (n,x)



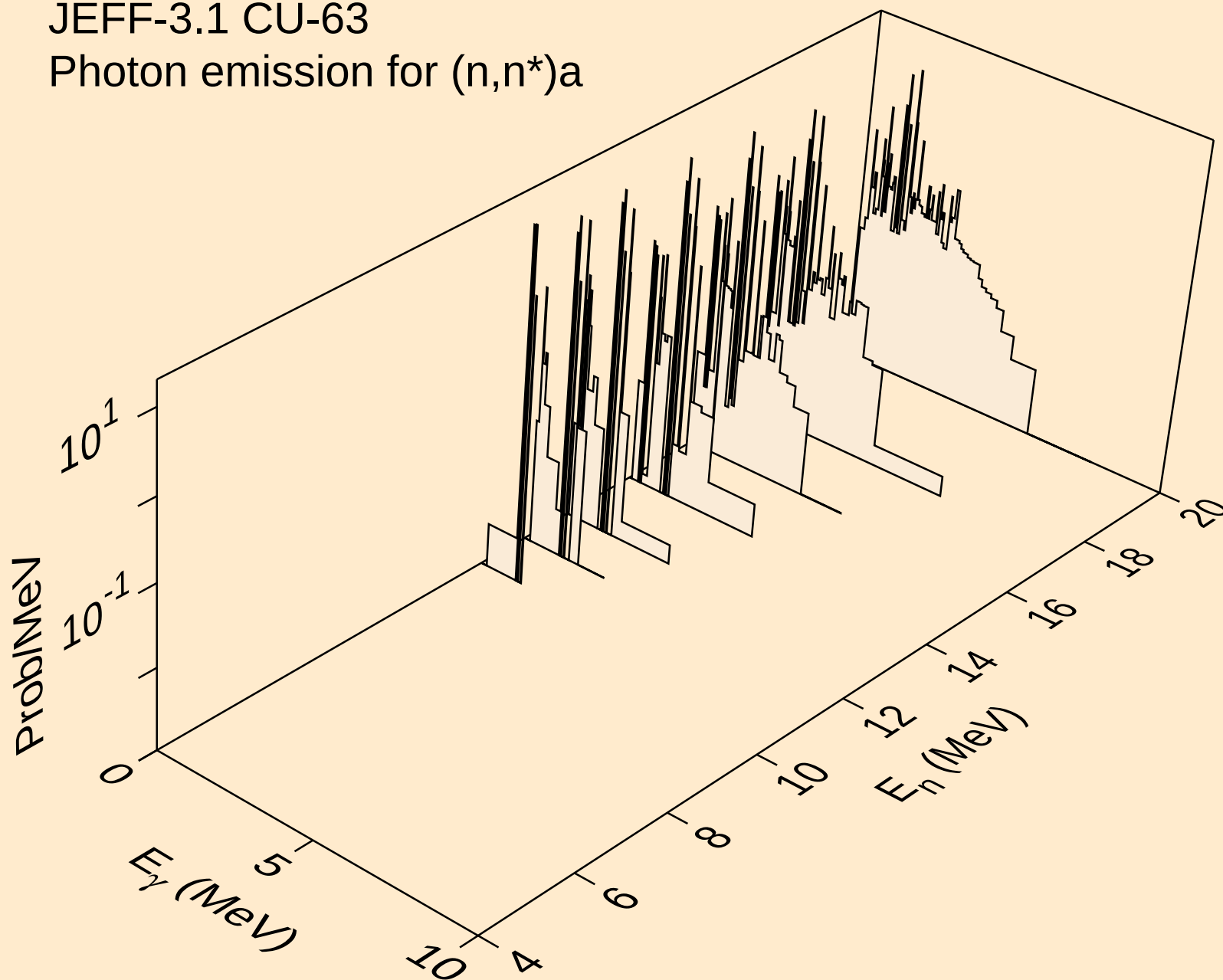
JEFF-3.1 CU-63

Photon emission for (n,2n)



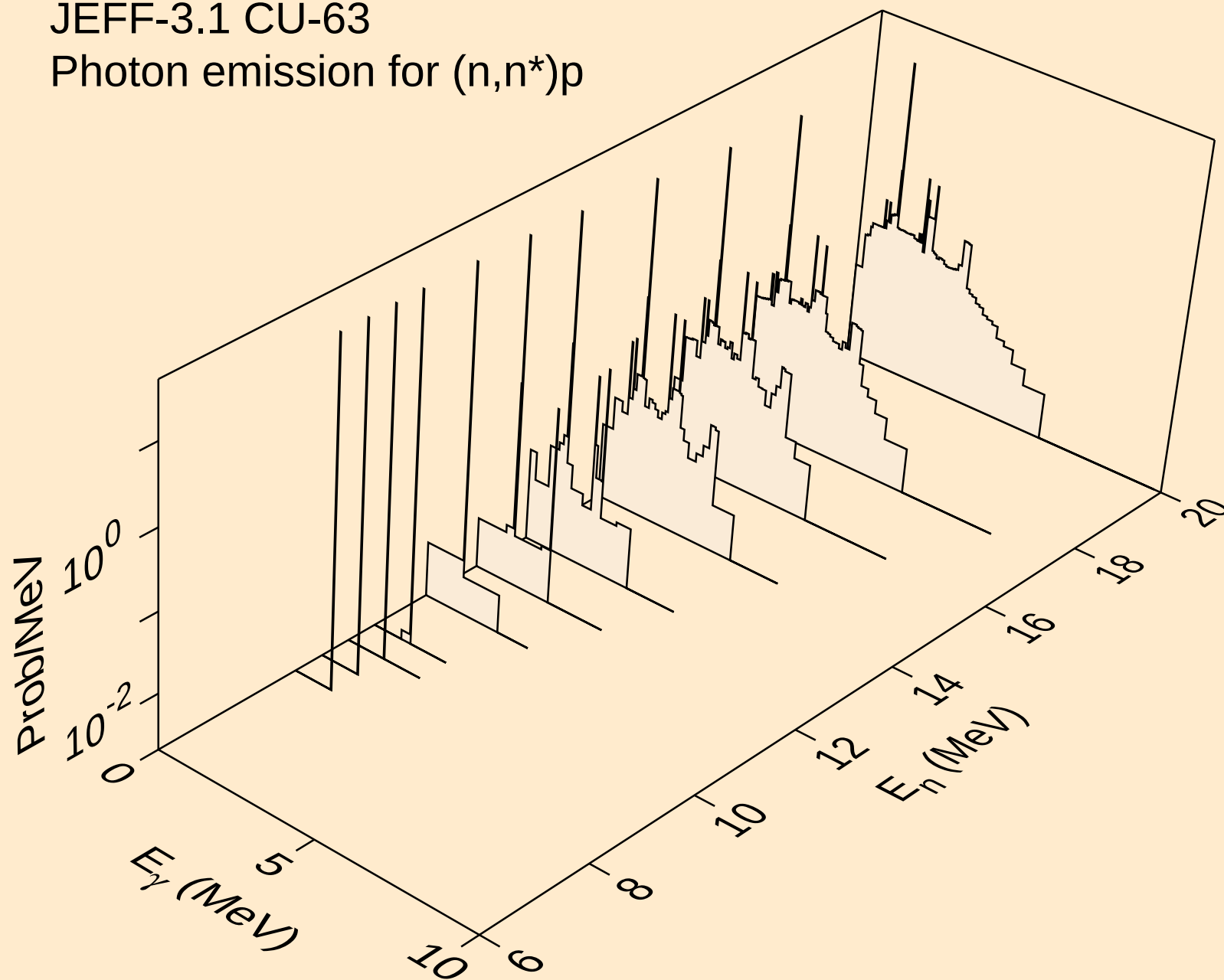
JEFF-3.1 CU-63

Photon emission for (n,n*)a



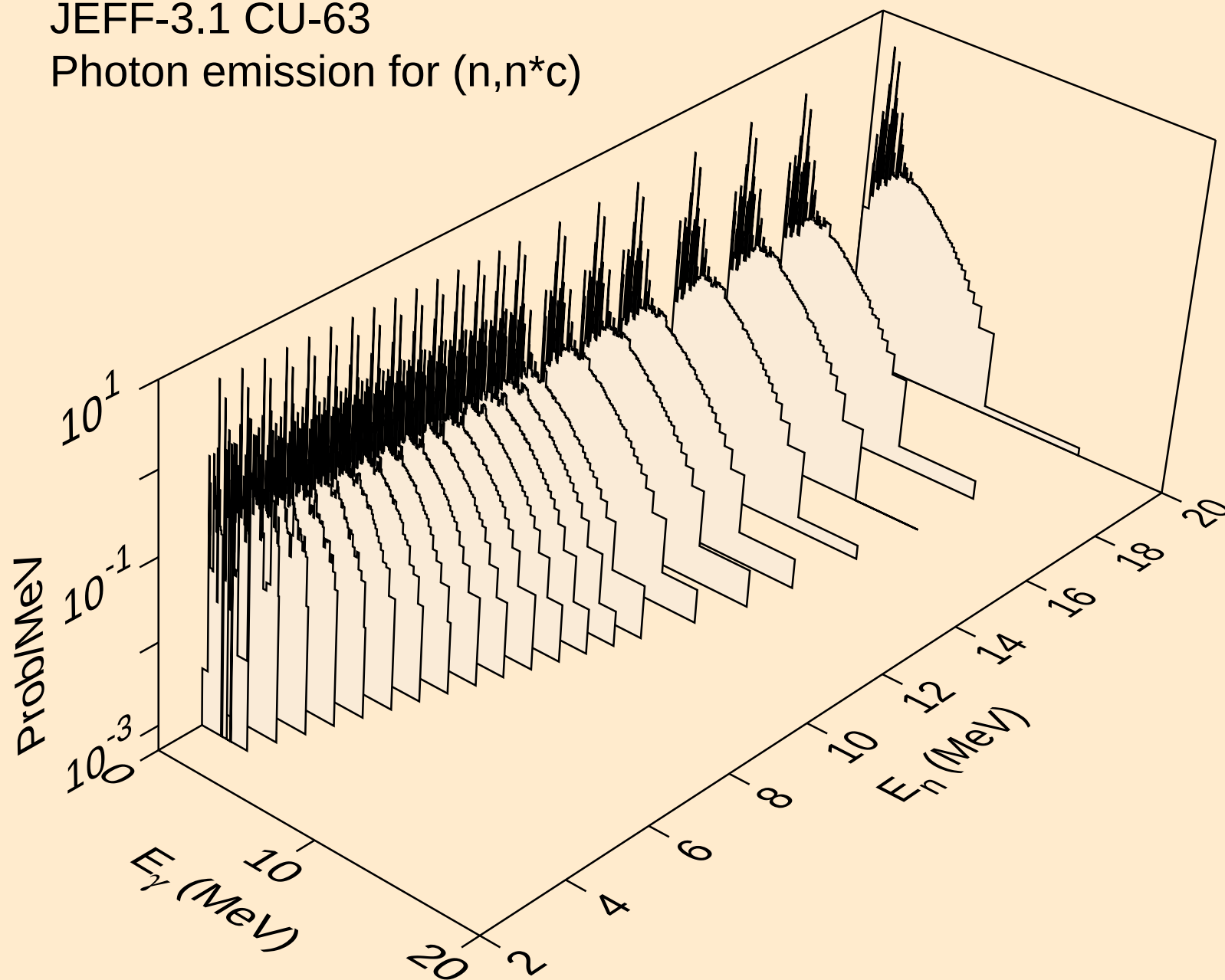
JEFF-3.1 CU-63

Photon emission for (n,n*)p



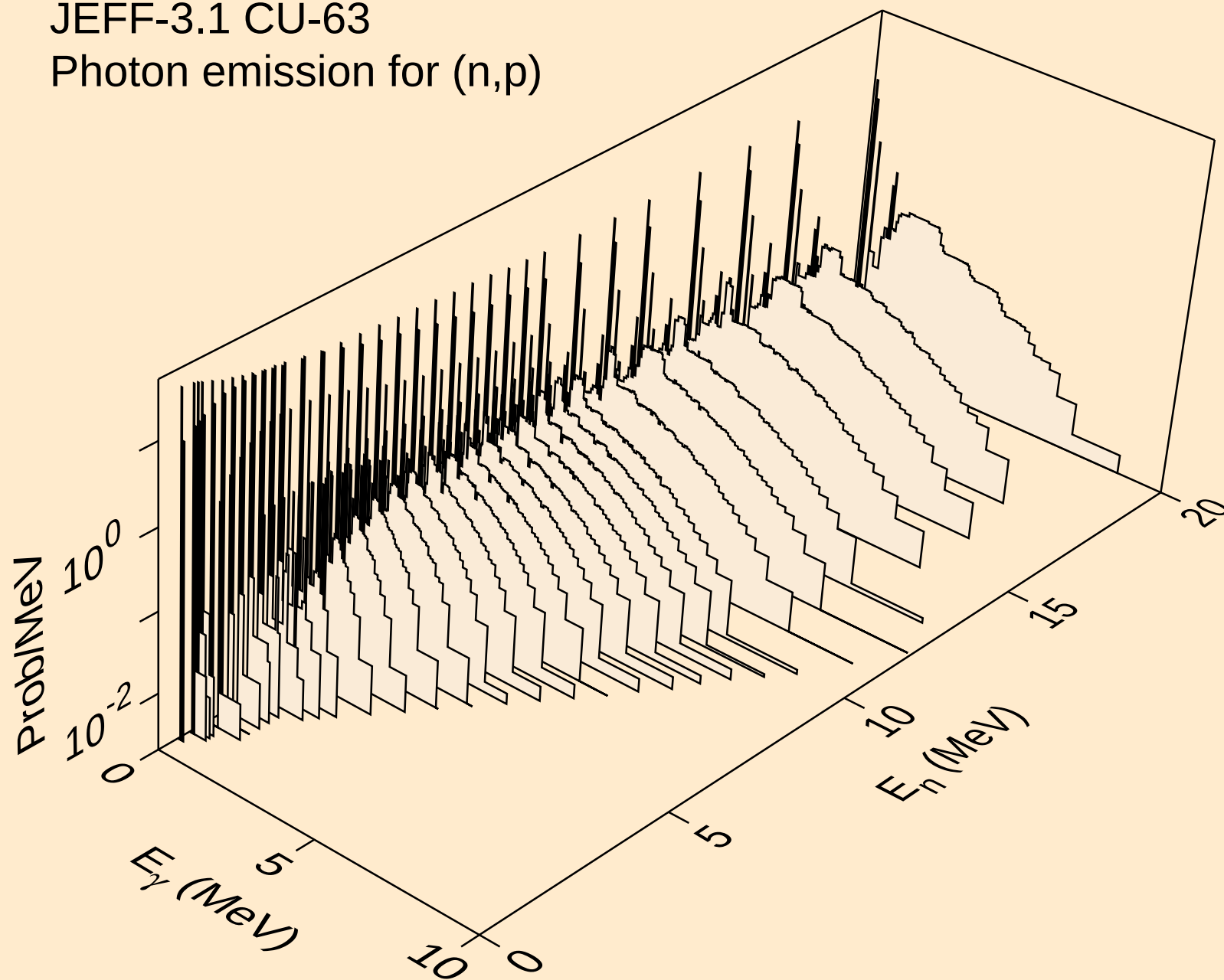
JEFF-3.1 CU-63

Photon emission for (n,n*c)



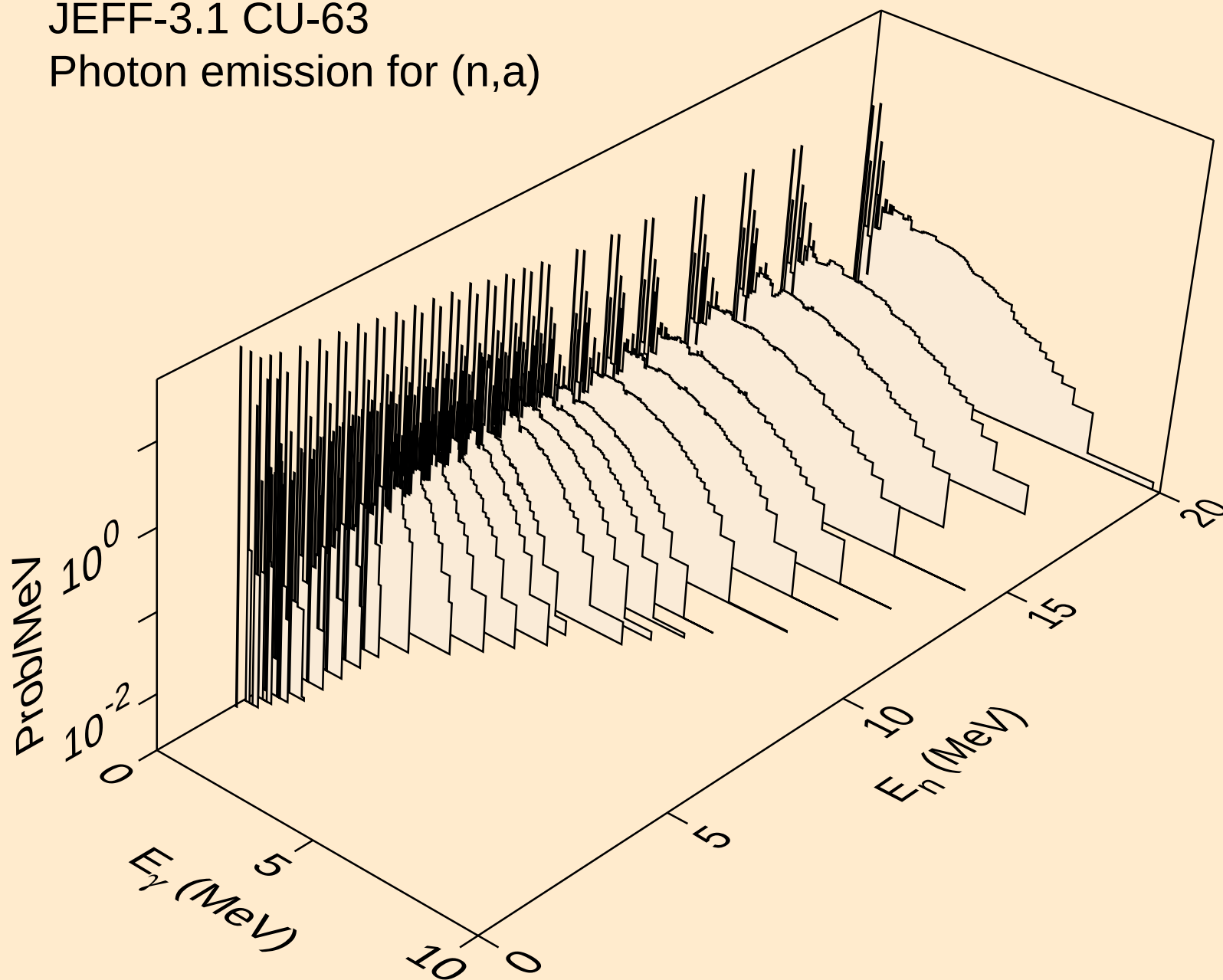
JEFF-3.1 CU-63

Photon emission for (n,p)

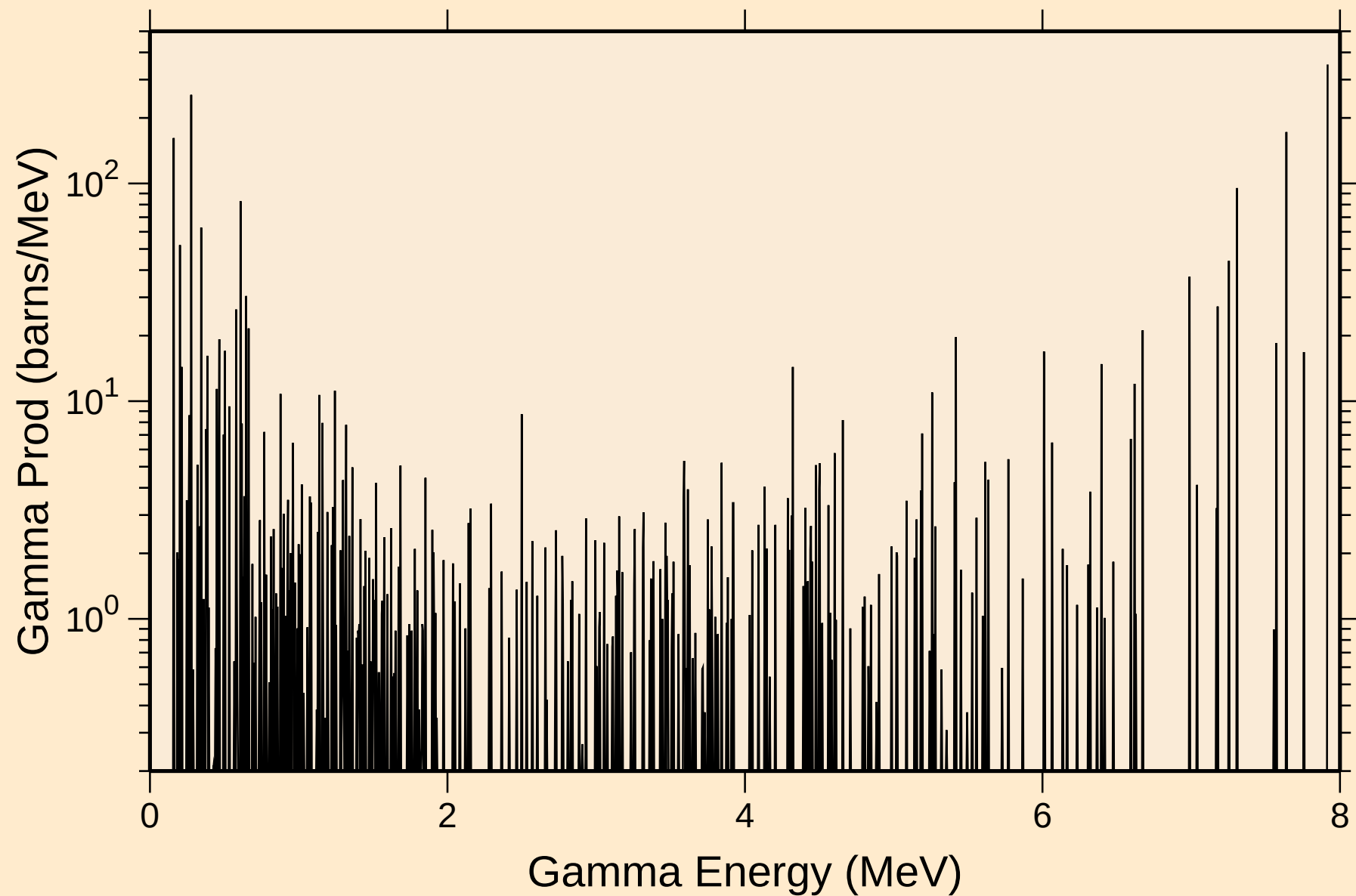


JEFF-3.1 CU-63

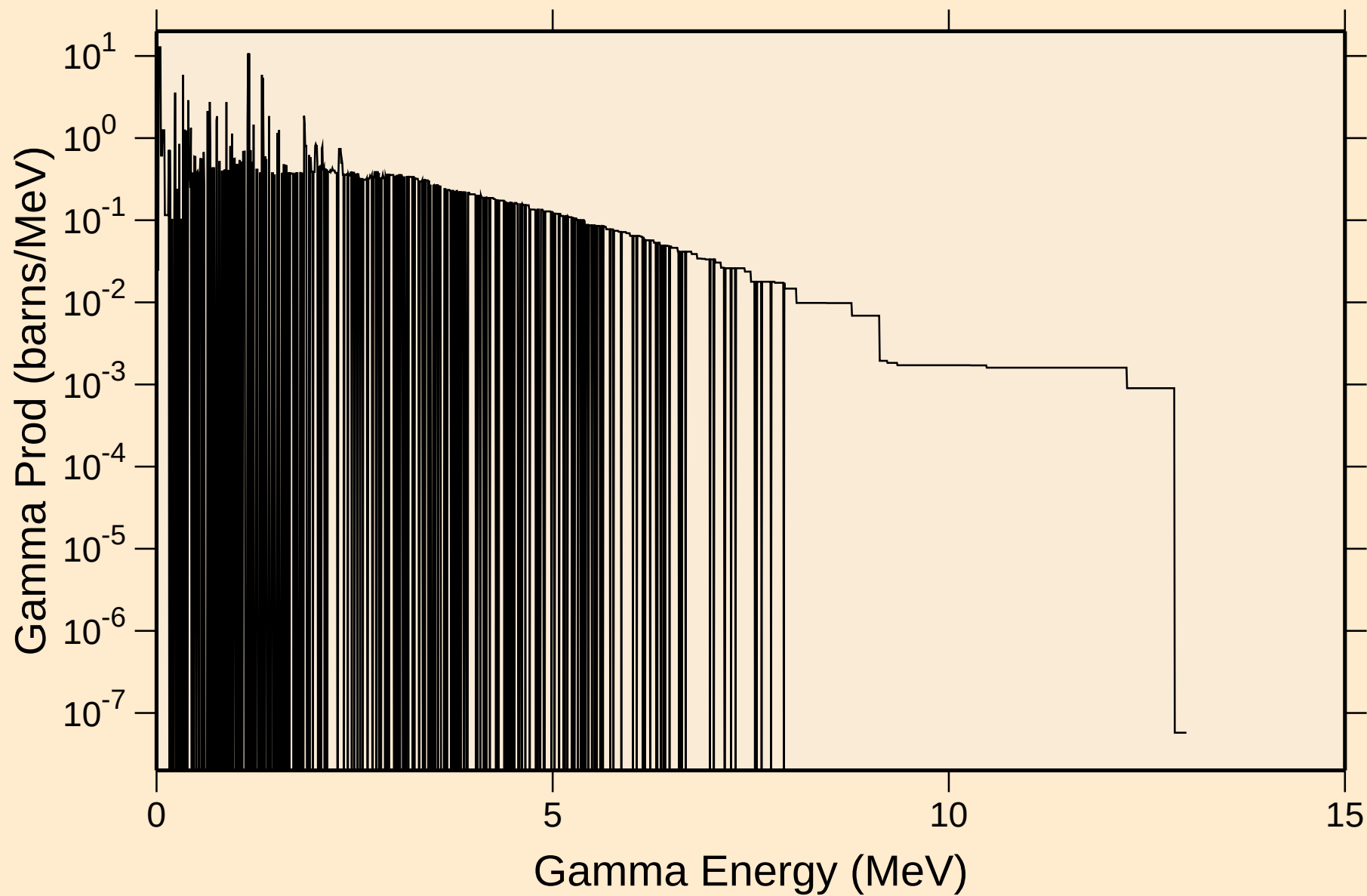
Photon emission for (n,a)



JEFF-3.1 CU-63
thermal capture photon spectrum

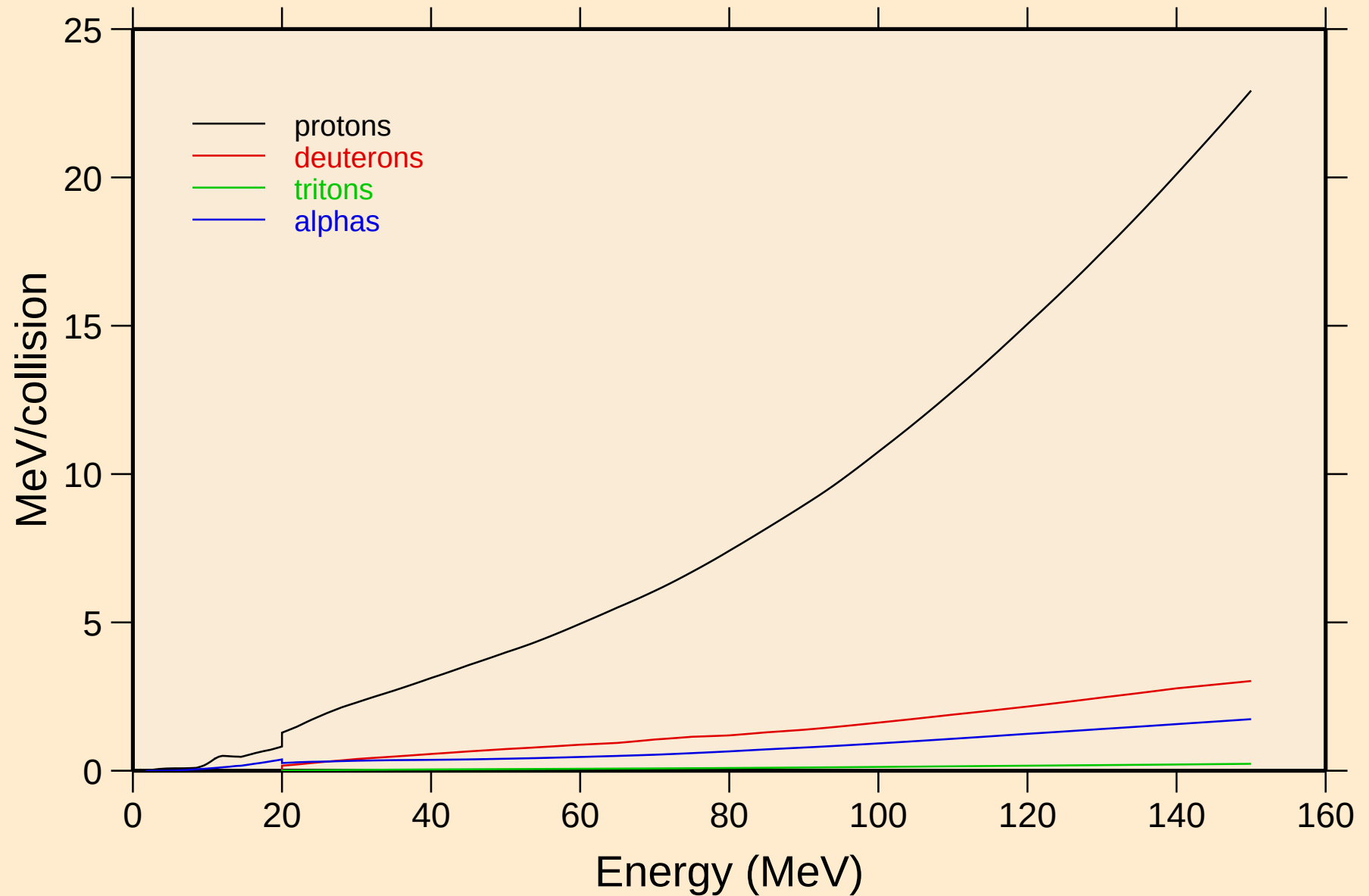


JEFF-3.1 CU-63
14 MeV photon spectrum



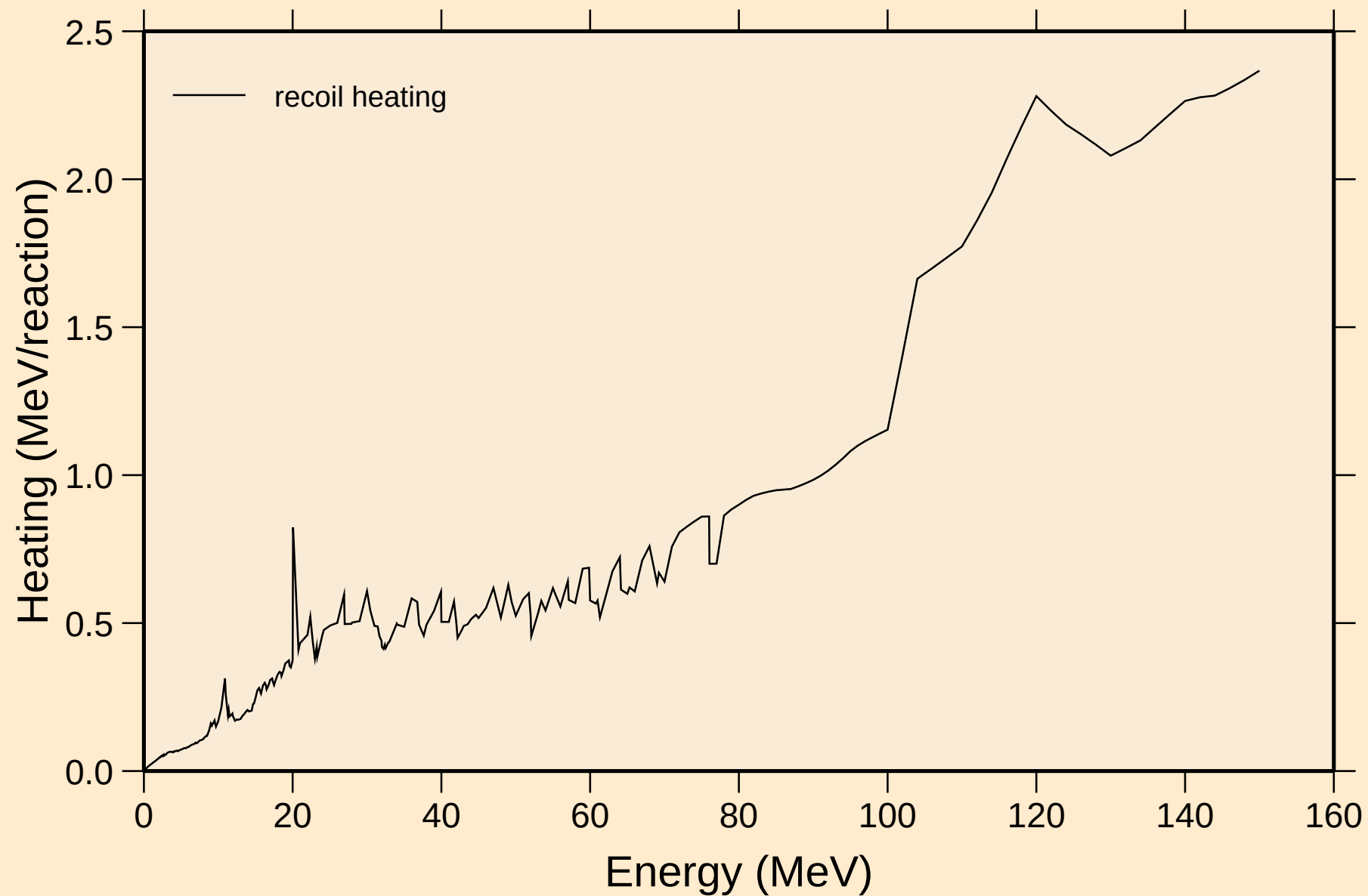
JEFF-3.1 CU-63

Particle heating contributions



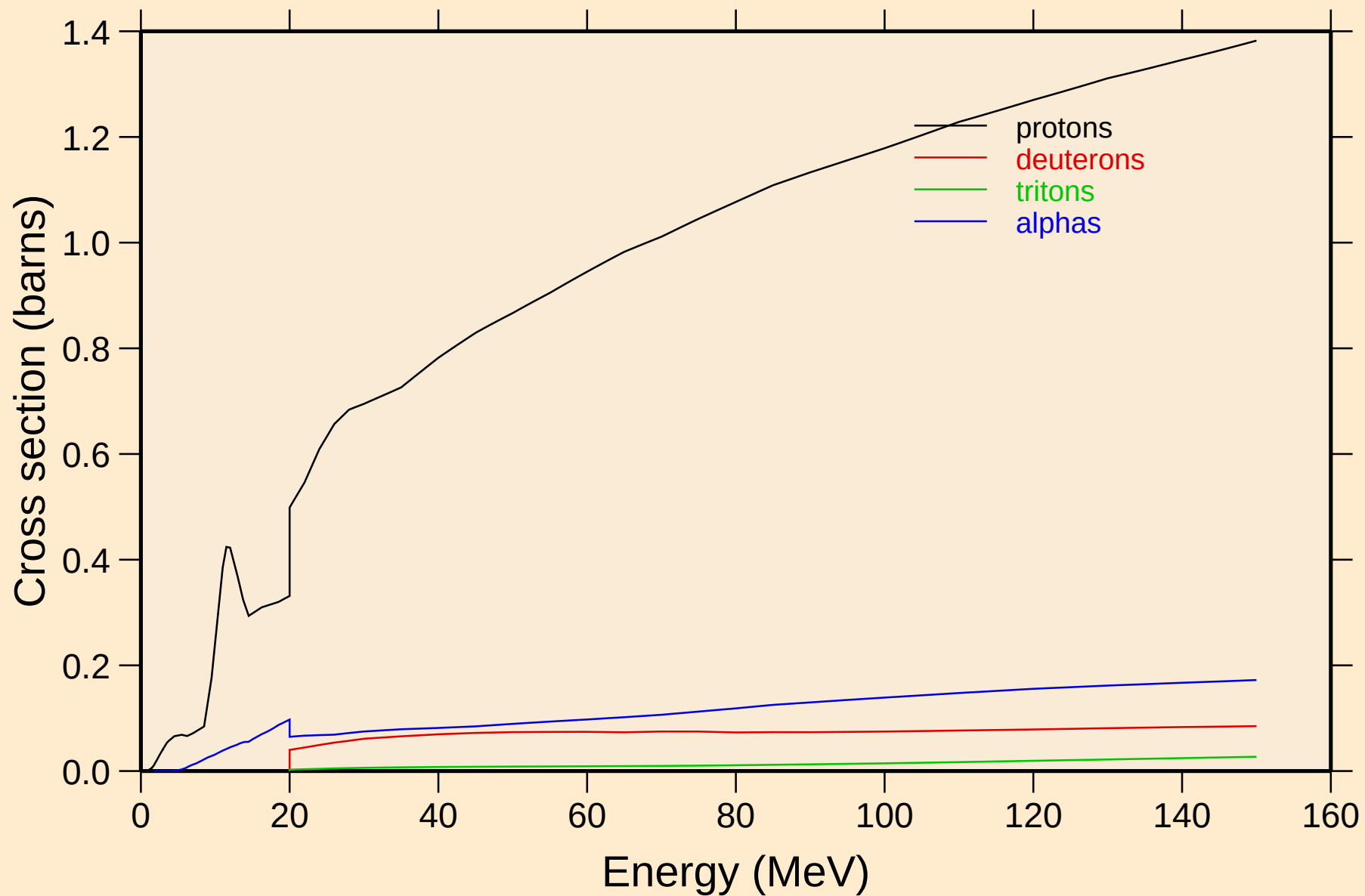
JEFF-3.1 CU-63

Recoil Heating

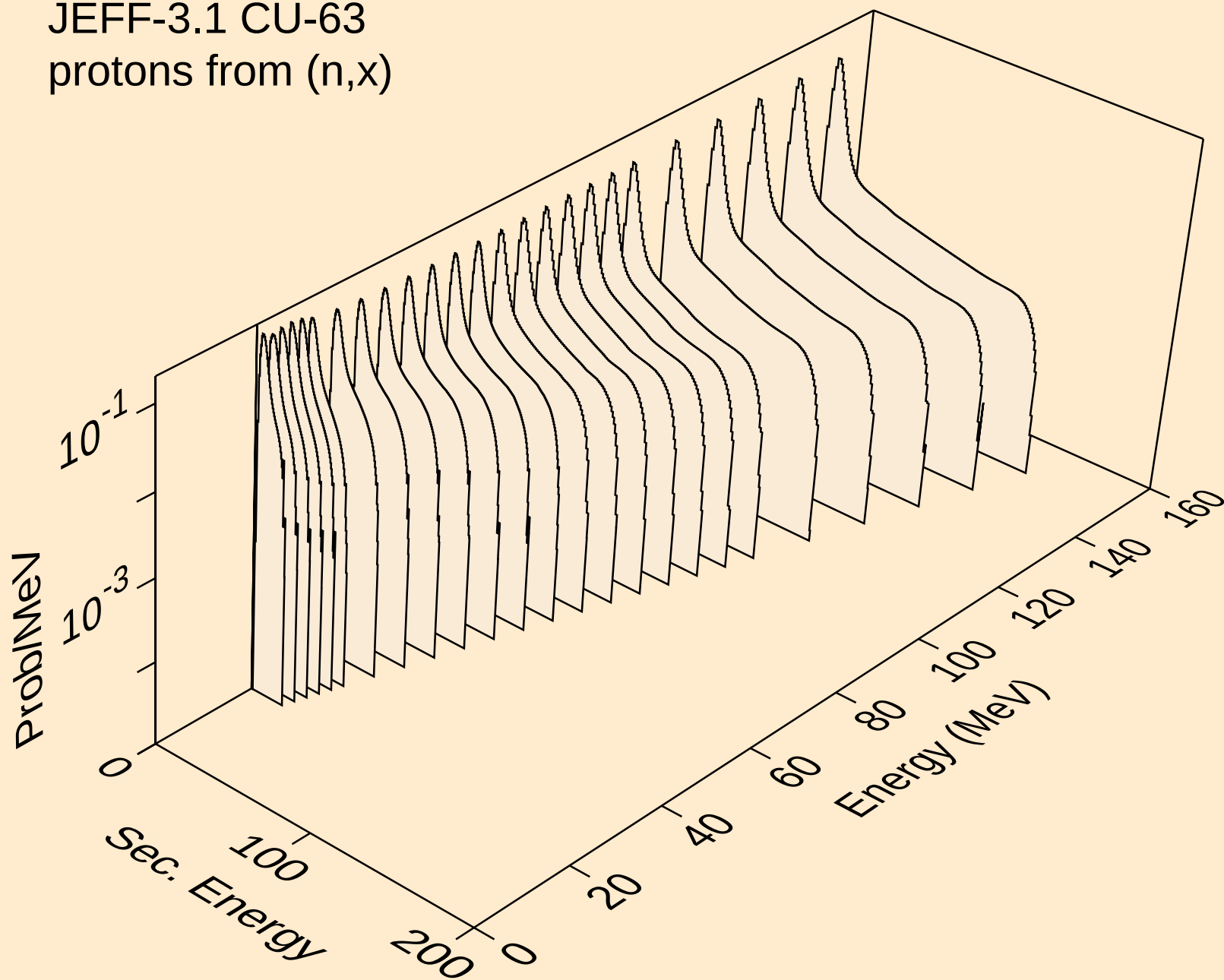


JEFF-3.1 CU-63

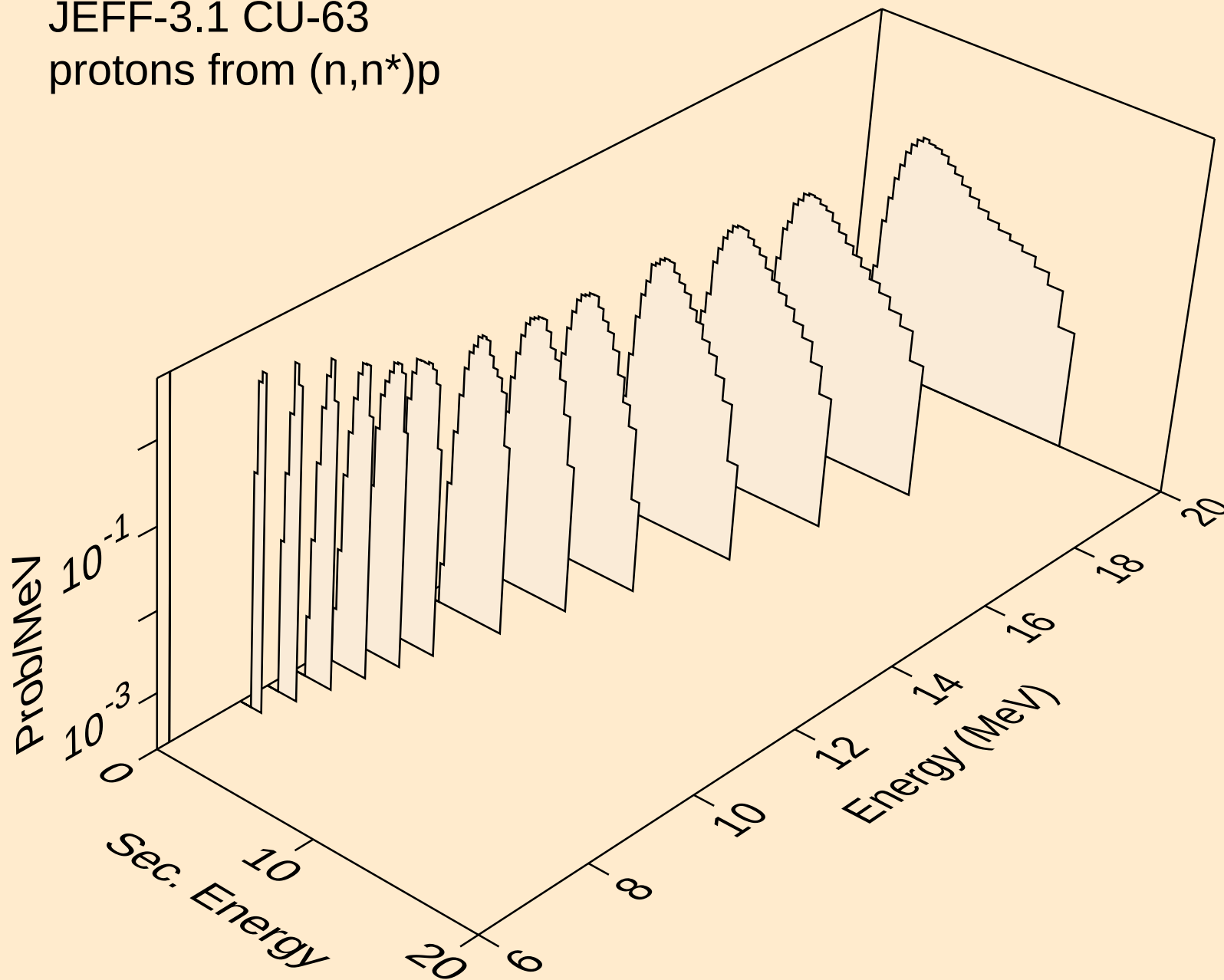
Particle production cross sections



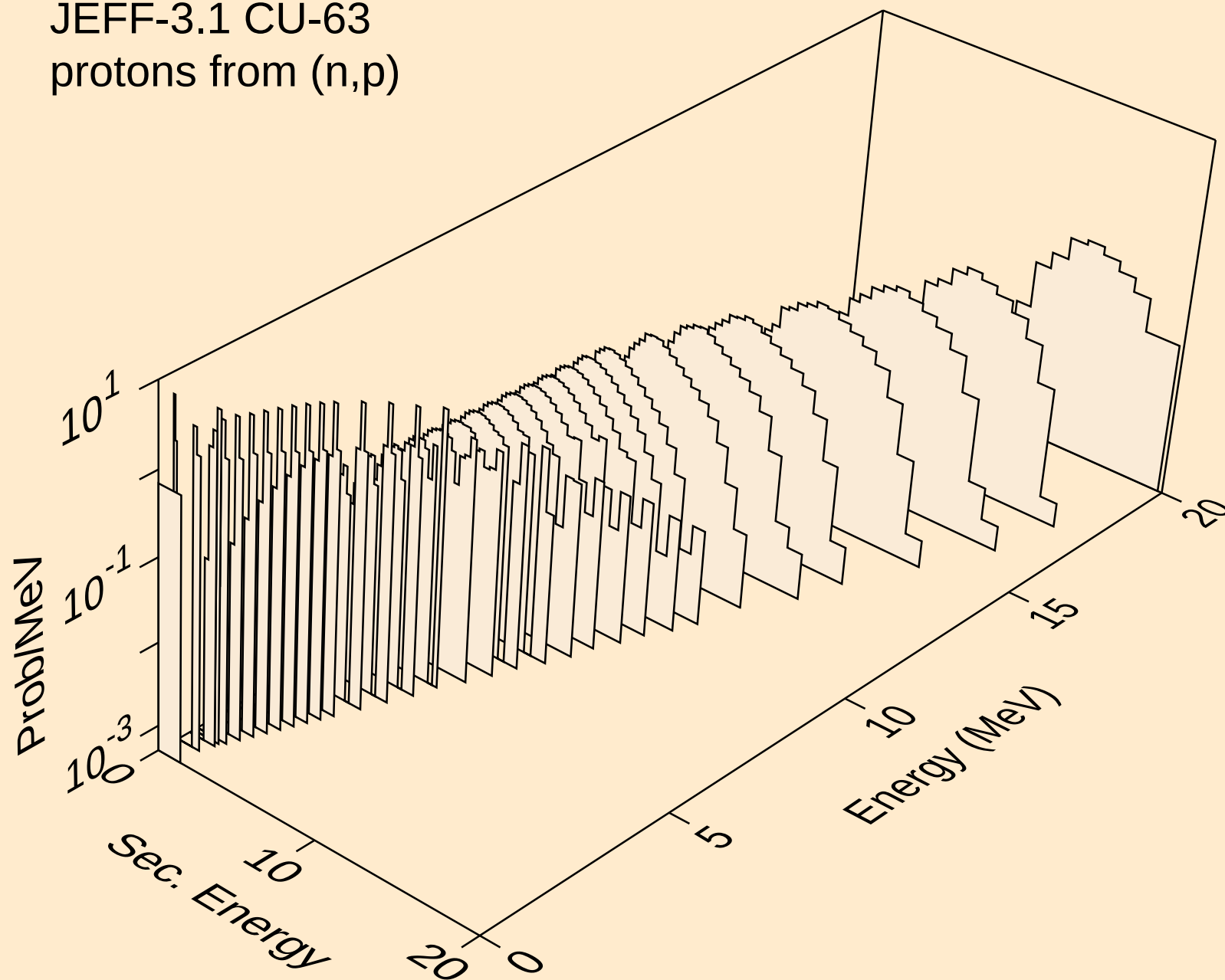
JEFF-3.1 CU-63
protons from (n,x)



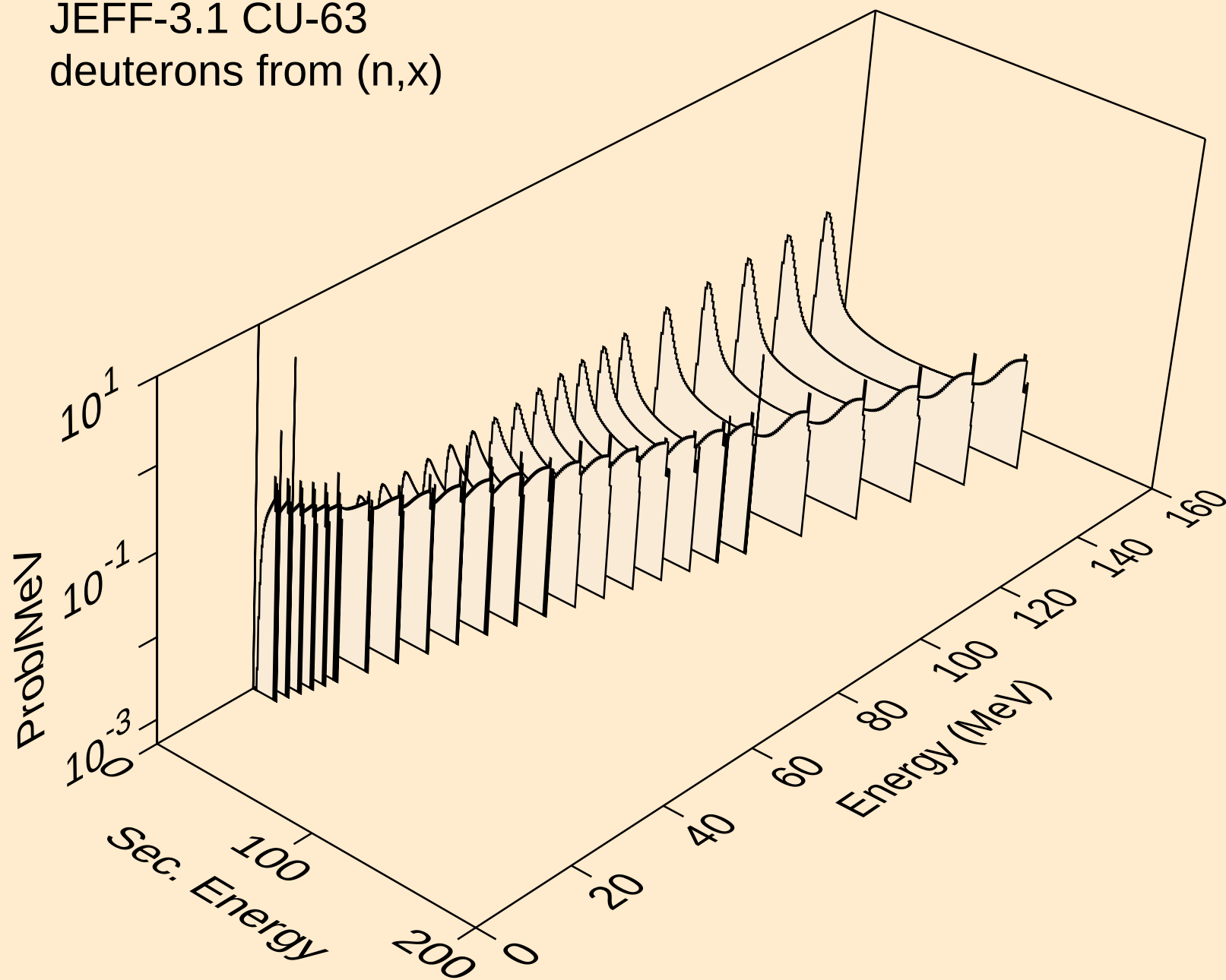
JEFF-3.1 CU-63
protons from (n,n*)p



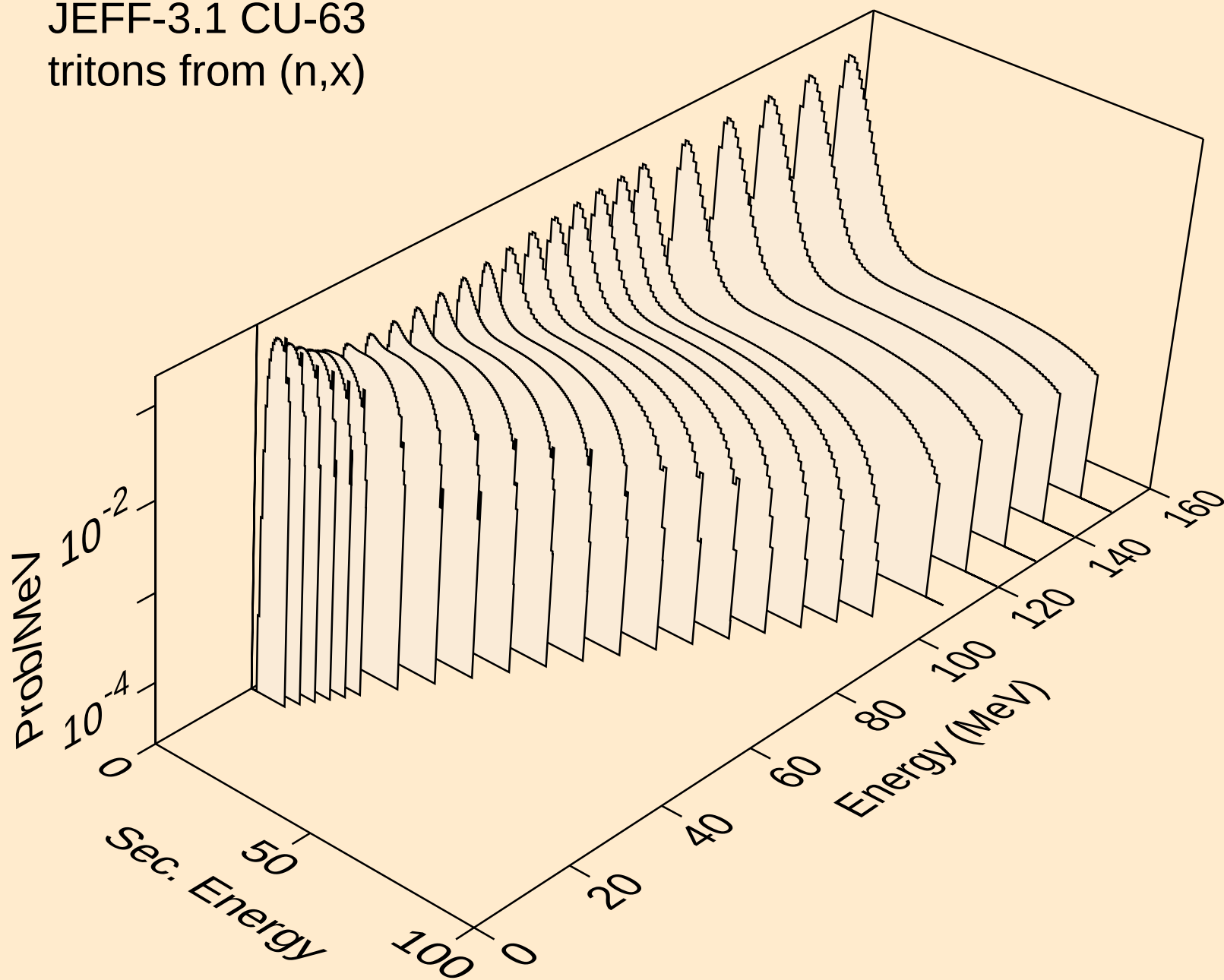
JEFF-3.1 CU-63
protons from (n,p)



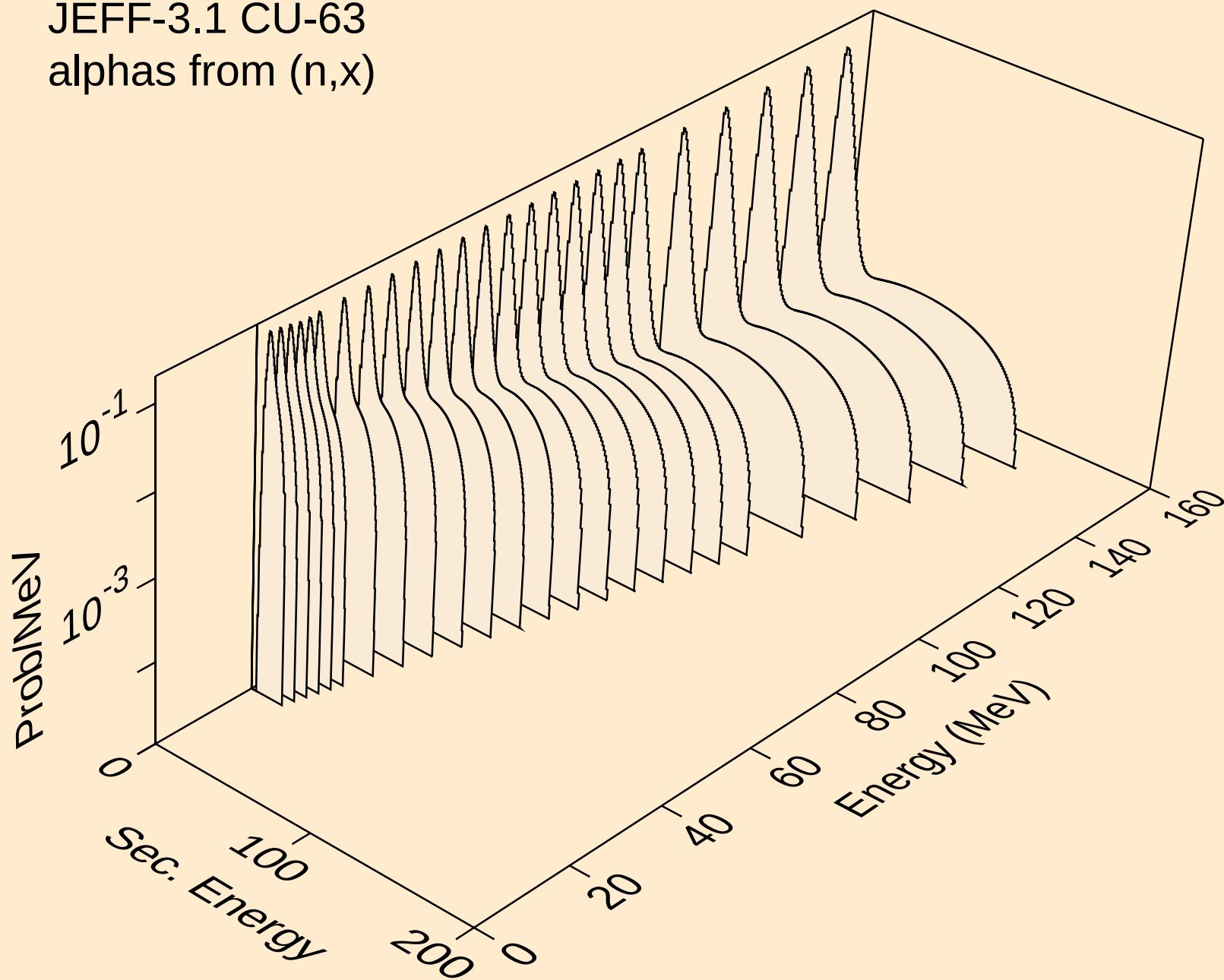
JEFF-3.1 CU-63
deuterons from (n,x)



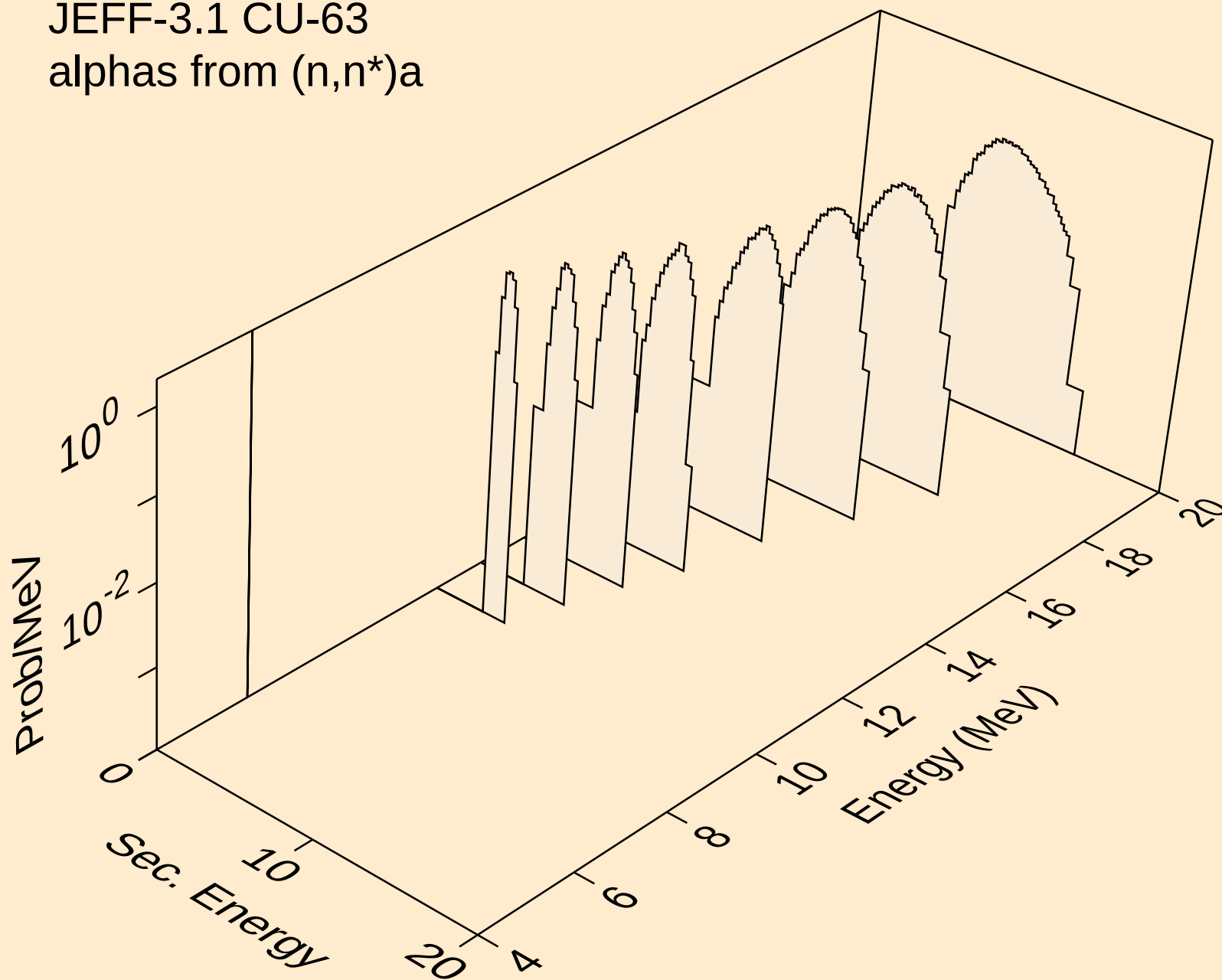
JEFF-3.1 CU-63
tritons from (n,x)



JEFF-3.1 CU-63
alphas from (n,x)



JEFF-3.1 CU-63
alphas from (n,n*)a



JEFF-3.1 CU-63
alphas from (n,a)

