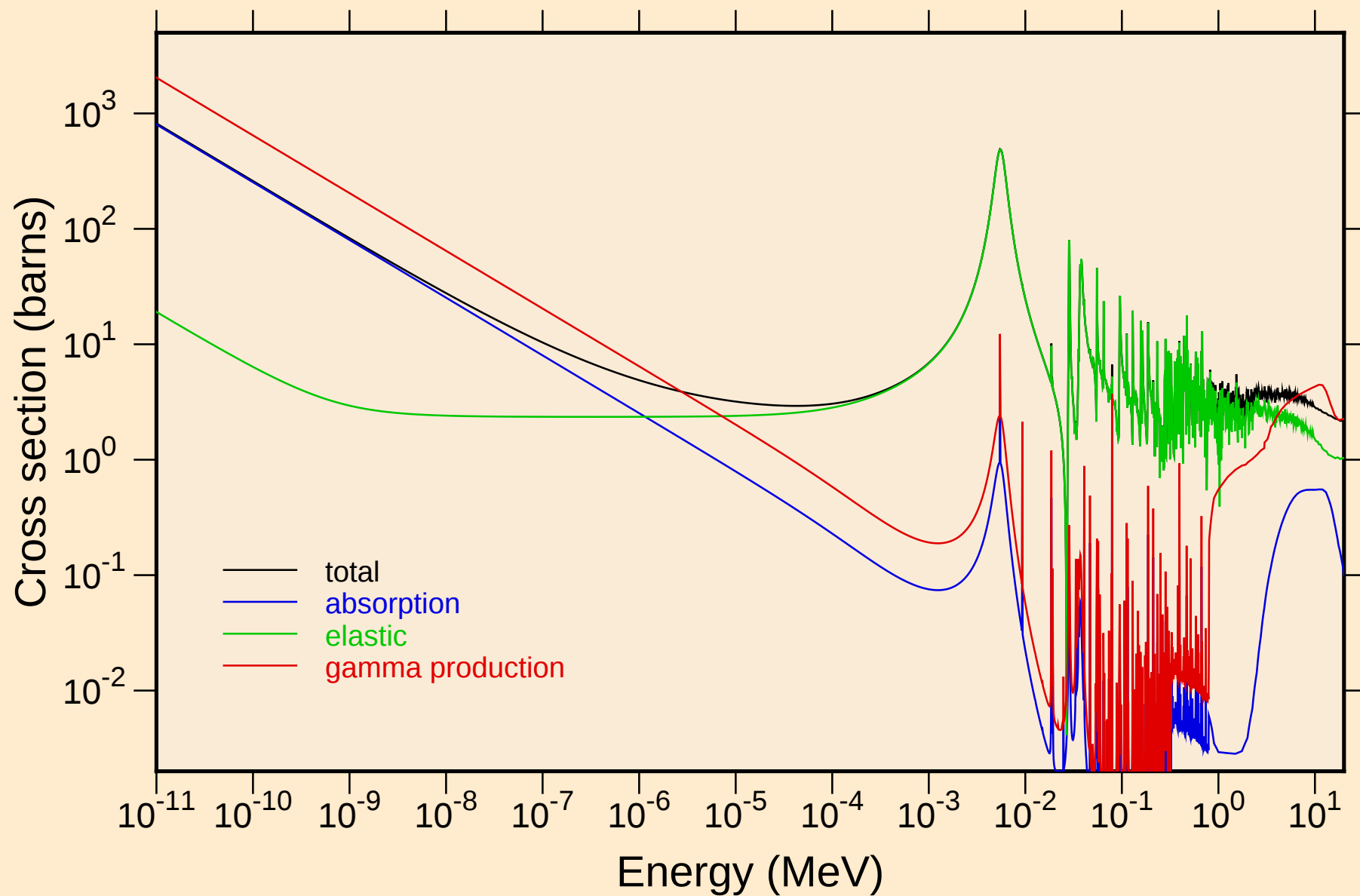
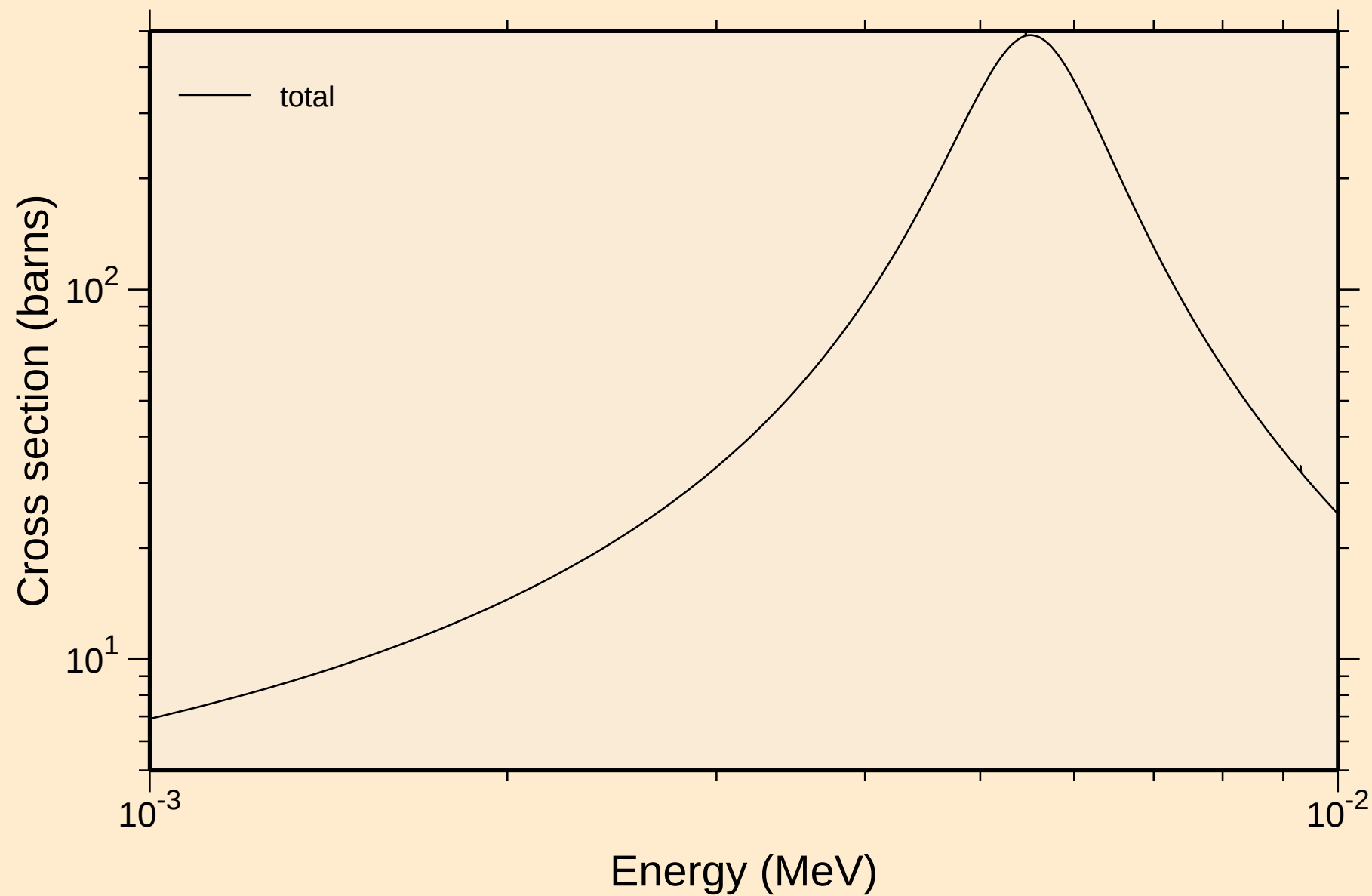


JEFF-3.1 CR-50

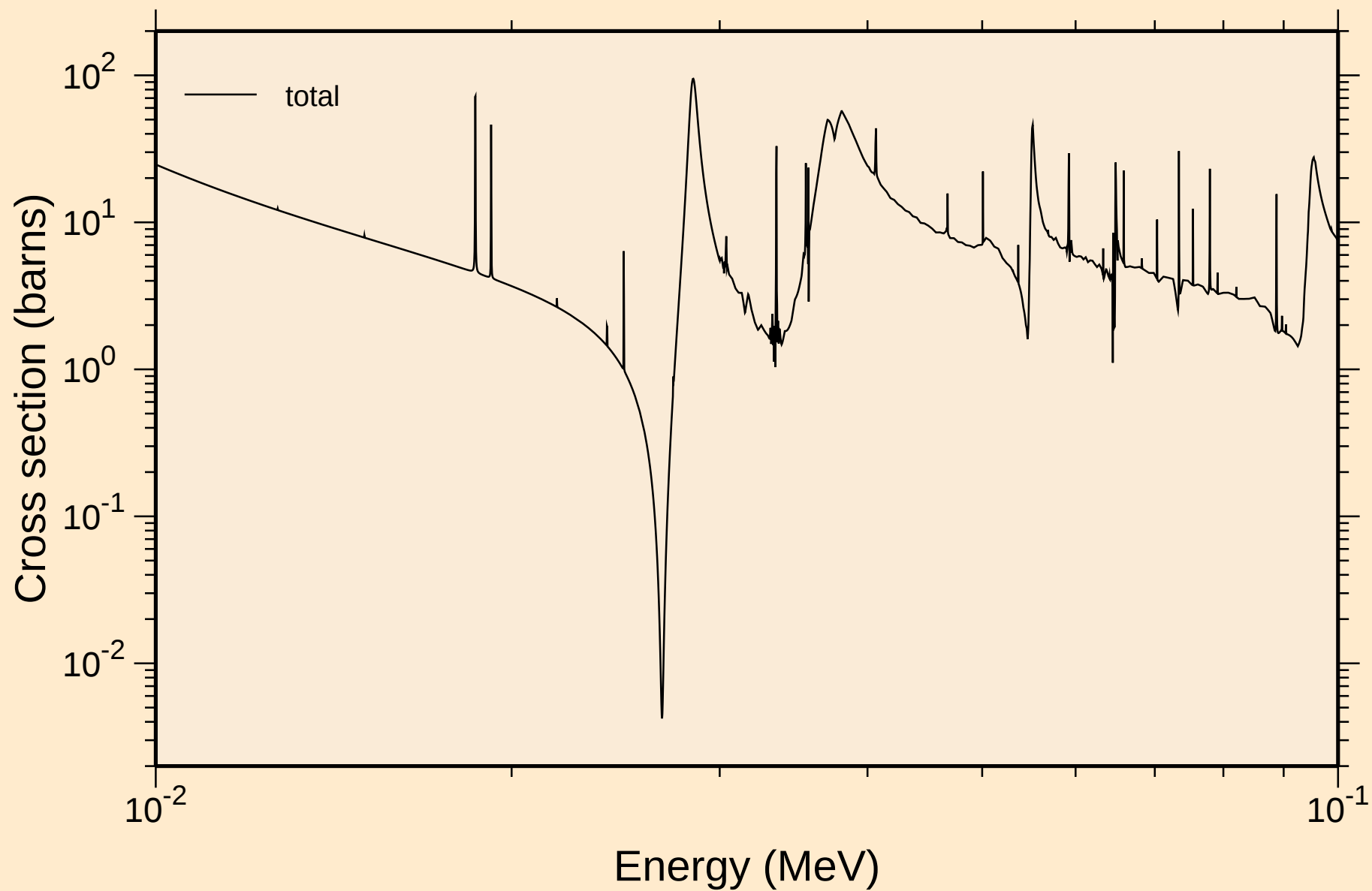
Principal cross sections



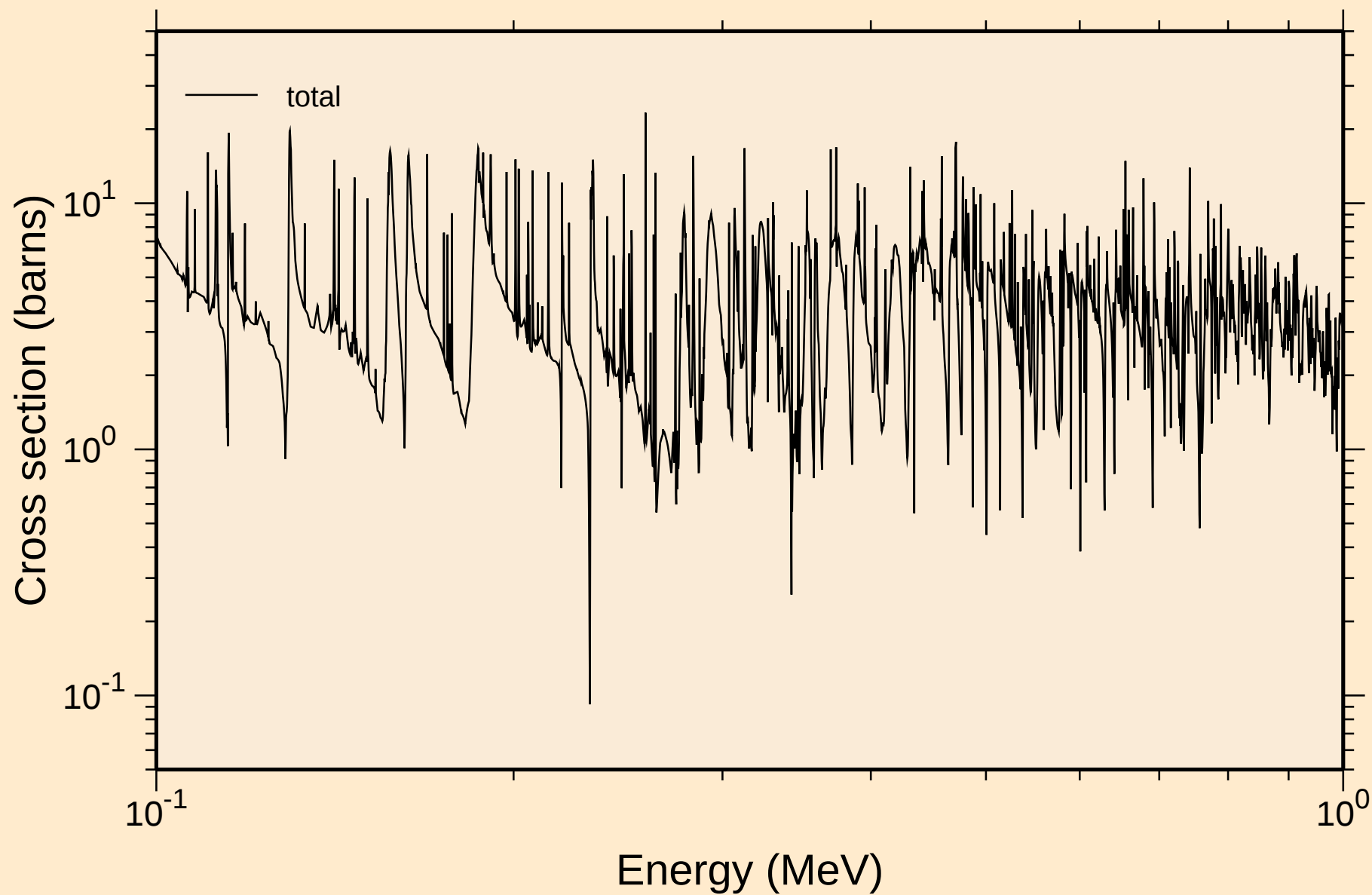
JEFF-3.1 CR-50 resonance total cross section



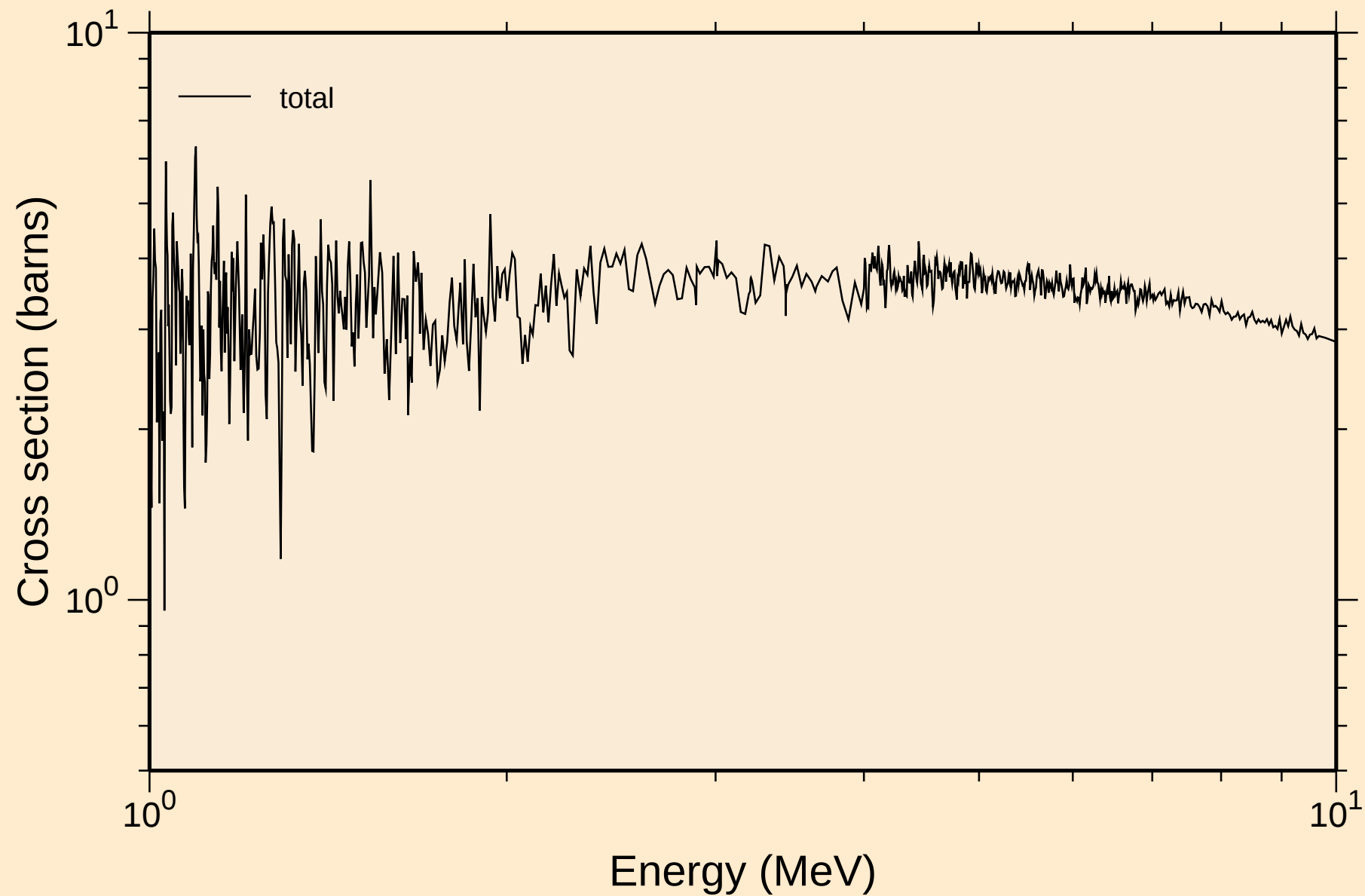
JEFF-3.1 CR-50 resonance total cross section



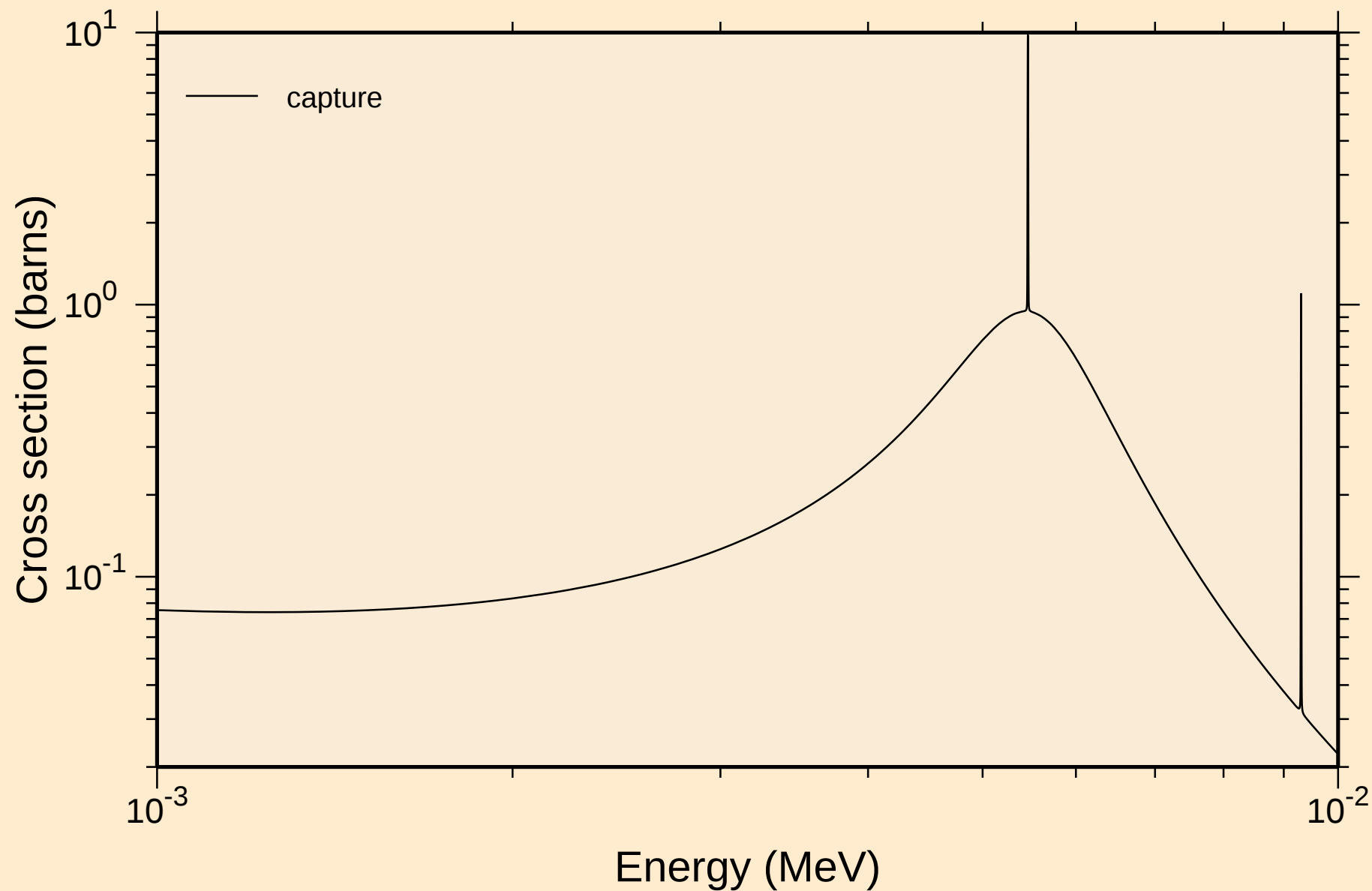
JEFF-3.1 CR-50 resonance total cross section



JEFF-3.1 CR-50 resonance total cross section

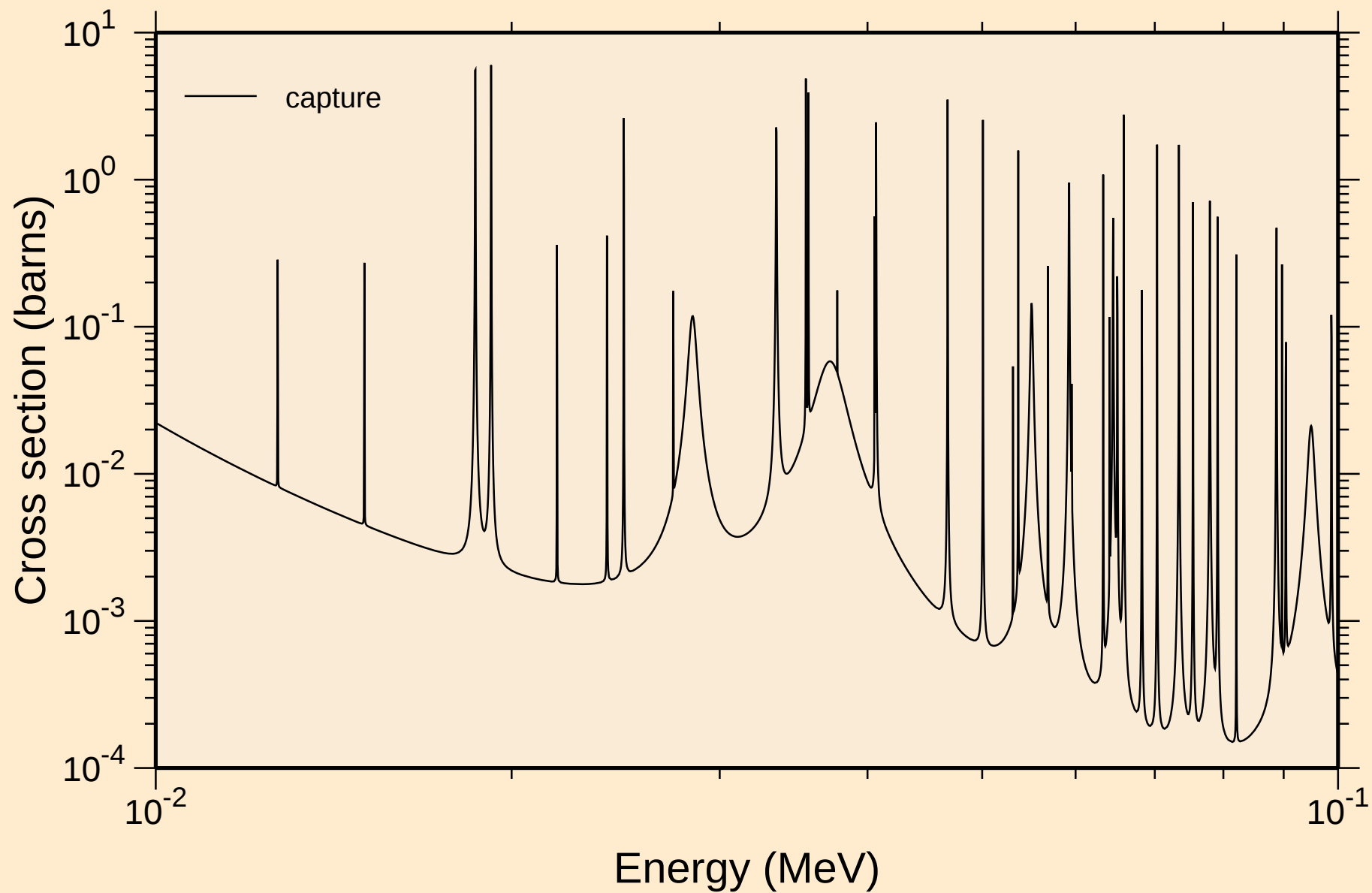


JEFF-3.1 CR-50 resonance absorption cross sections

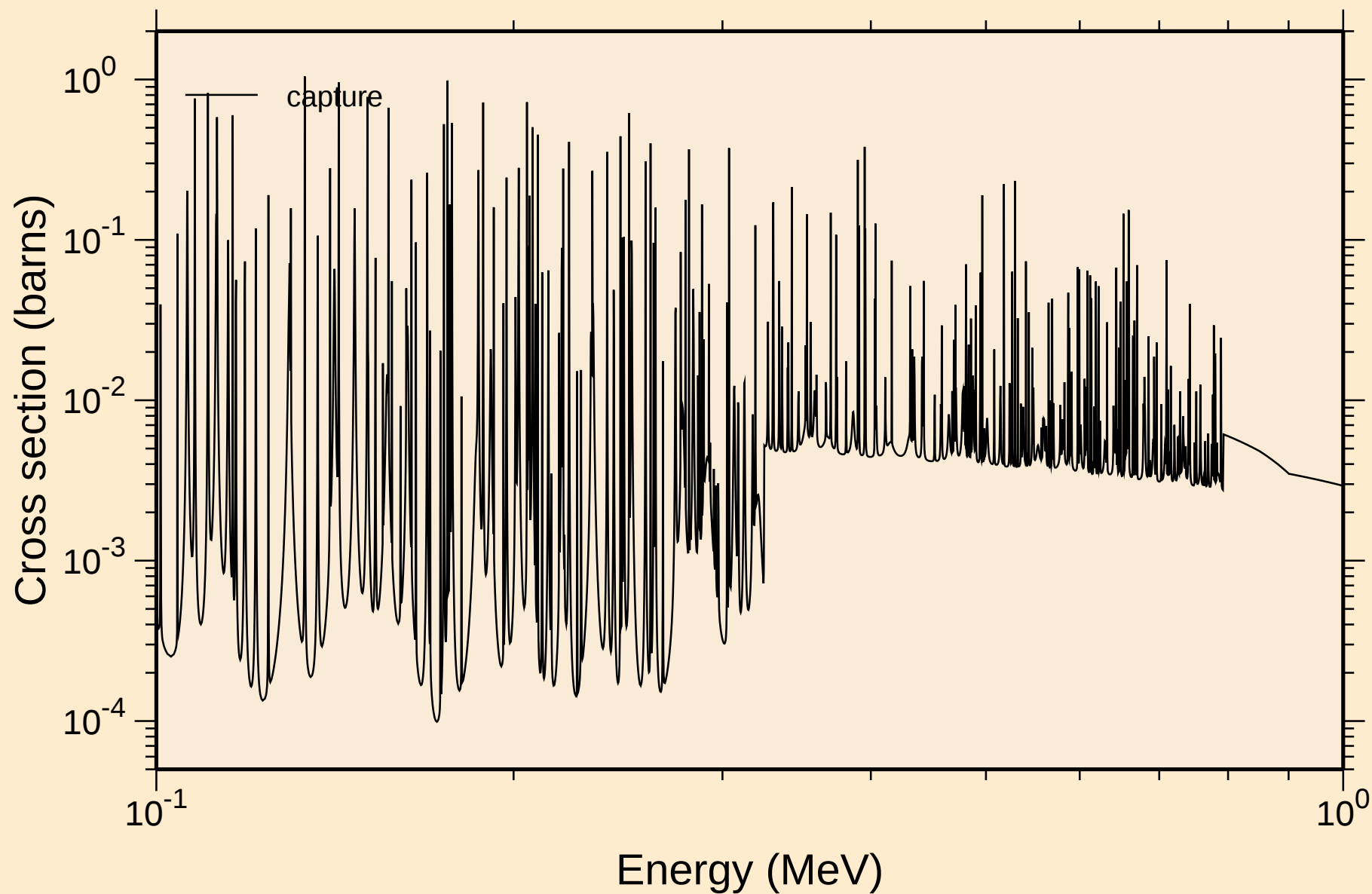


JEFF-3.1 CR-50

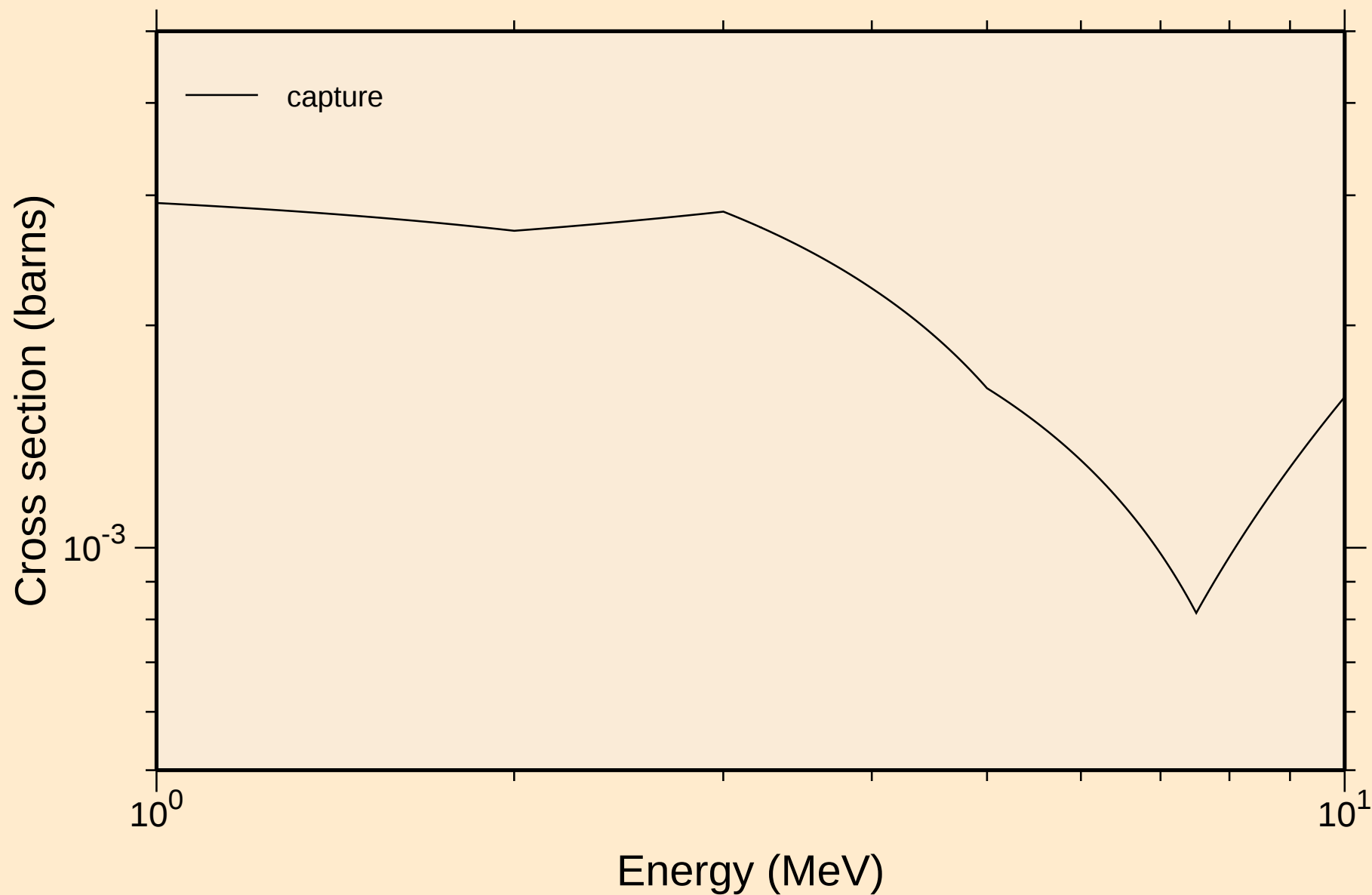
resonance absorption cross sections



JEFF-3.1 CR-50 resonance absorption cross sections

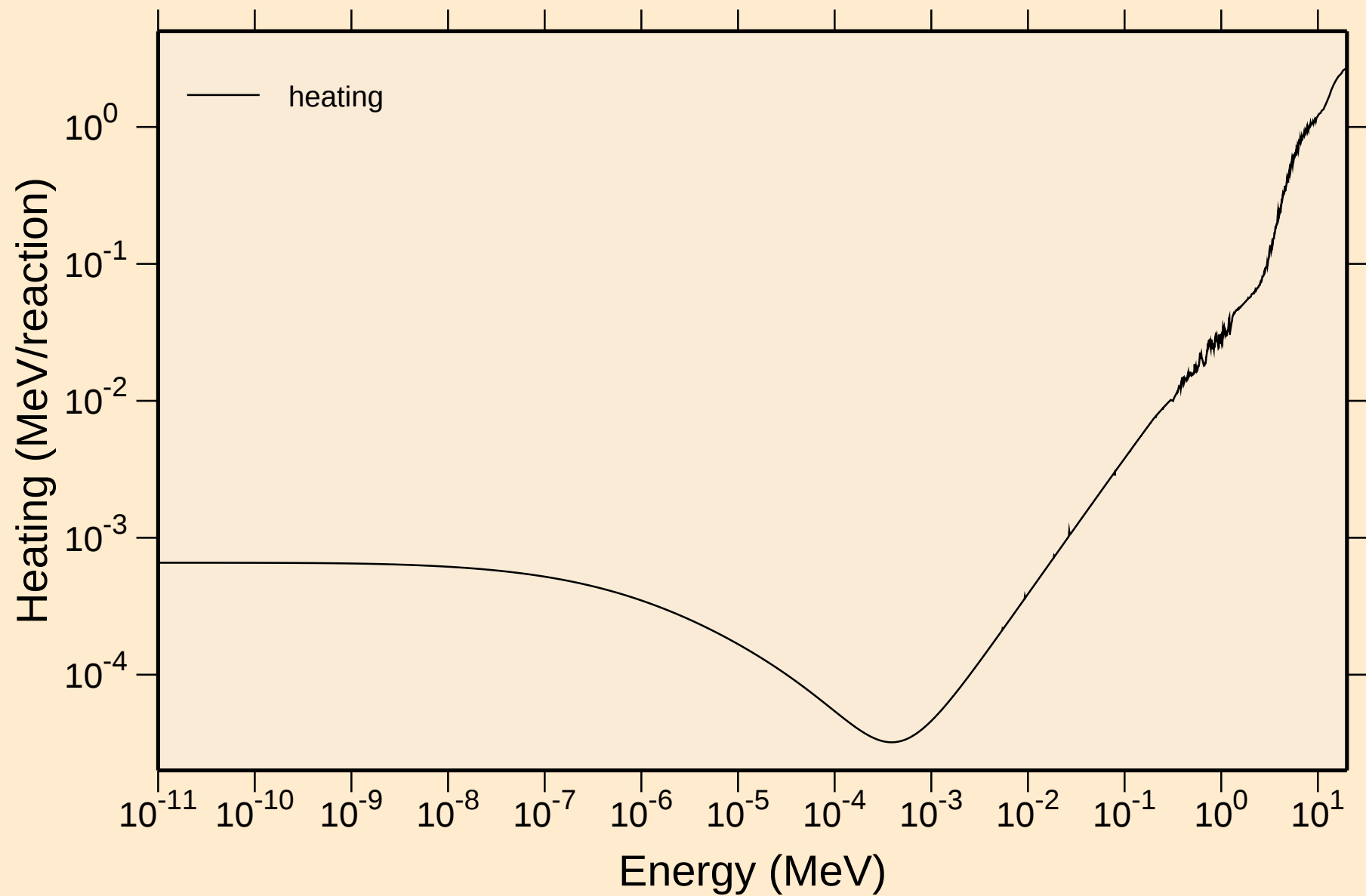


JEFF-3.1 CR-50 resonance absorption cross sections

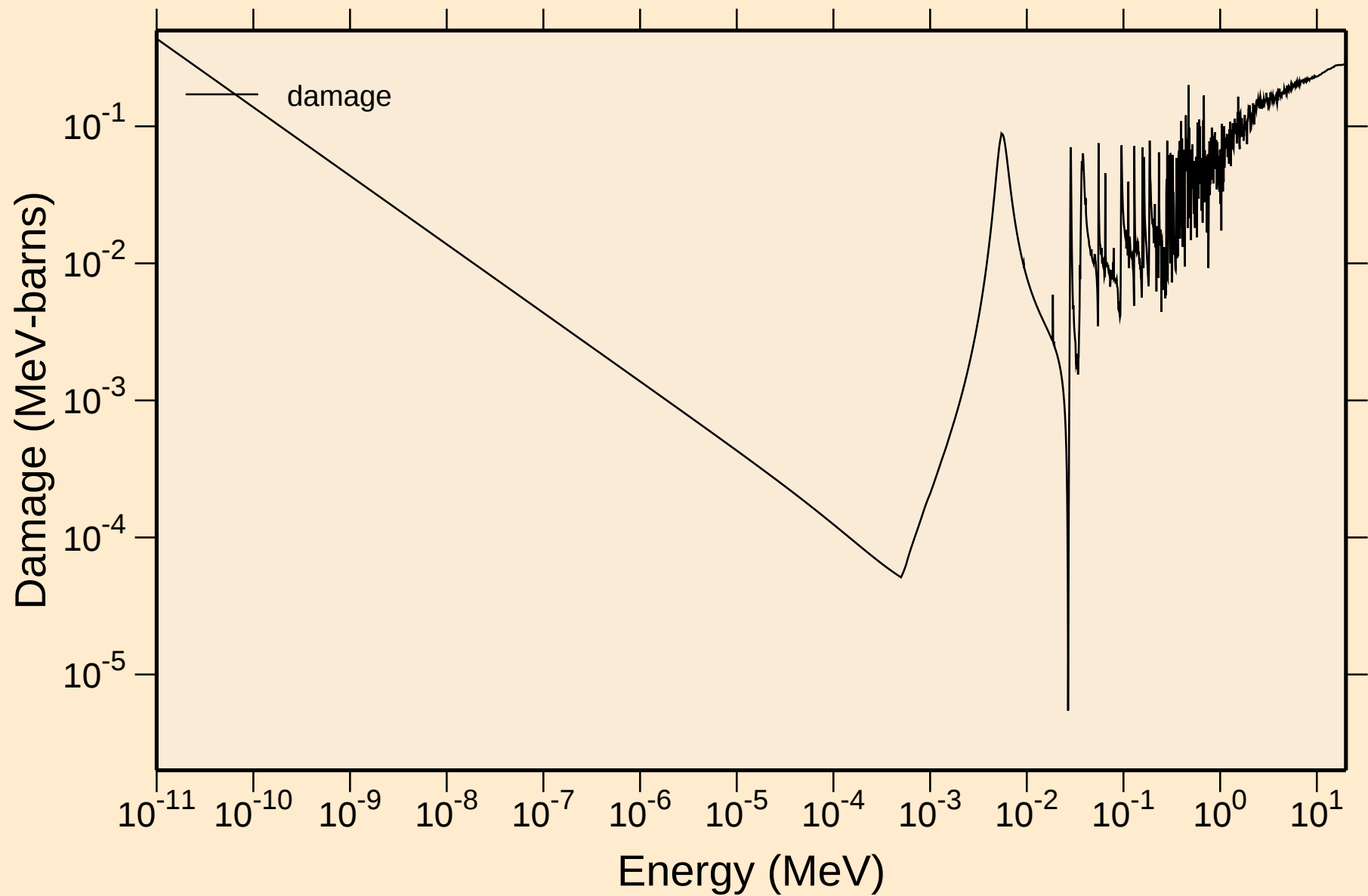


JEFF-3.1 CR-50

Heating

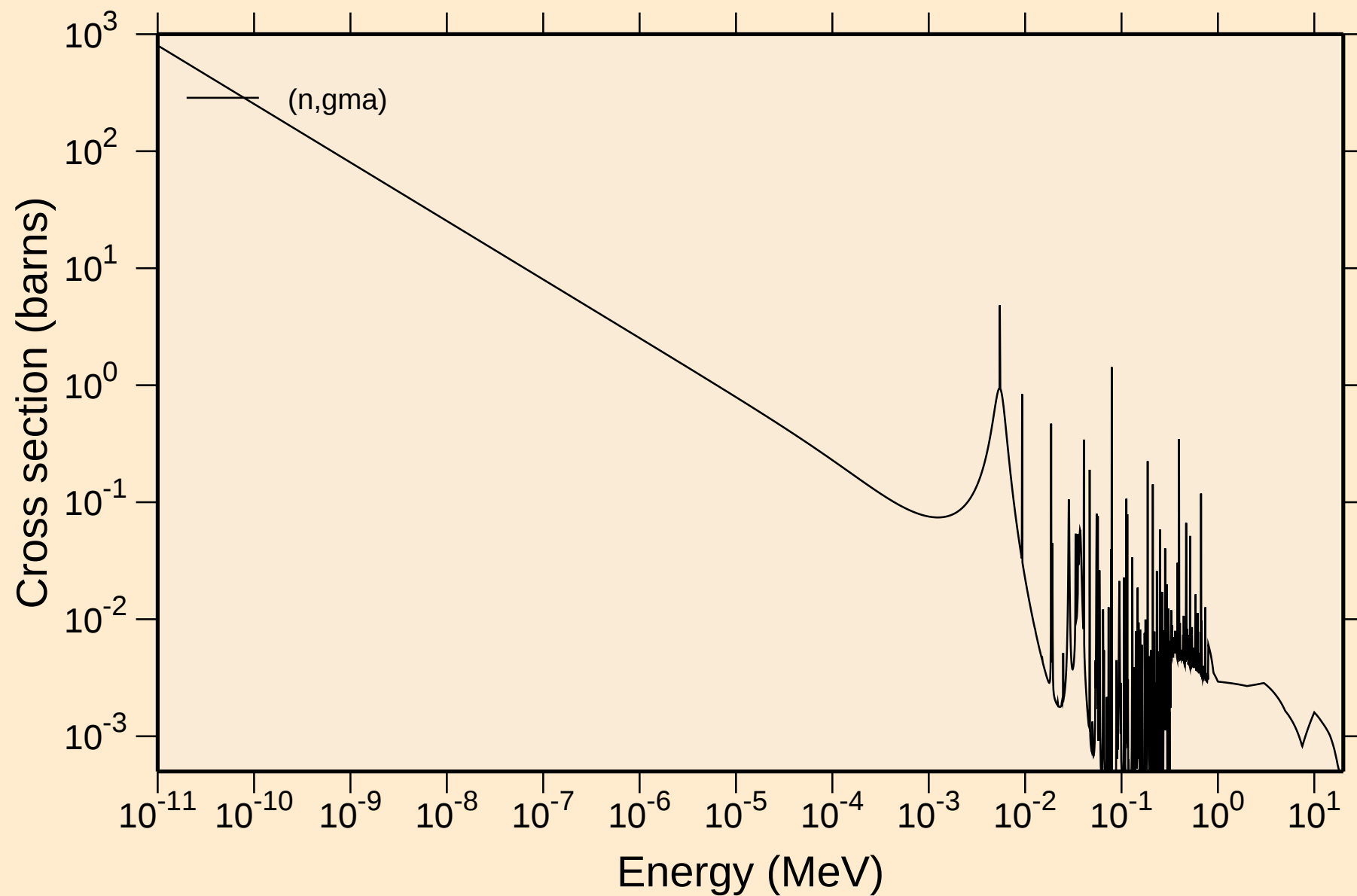


JEFF-3.1 CR-50 Damage



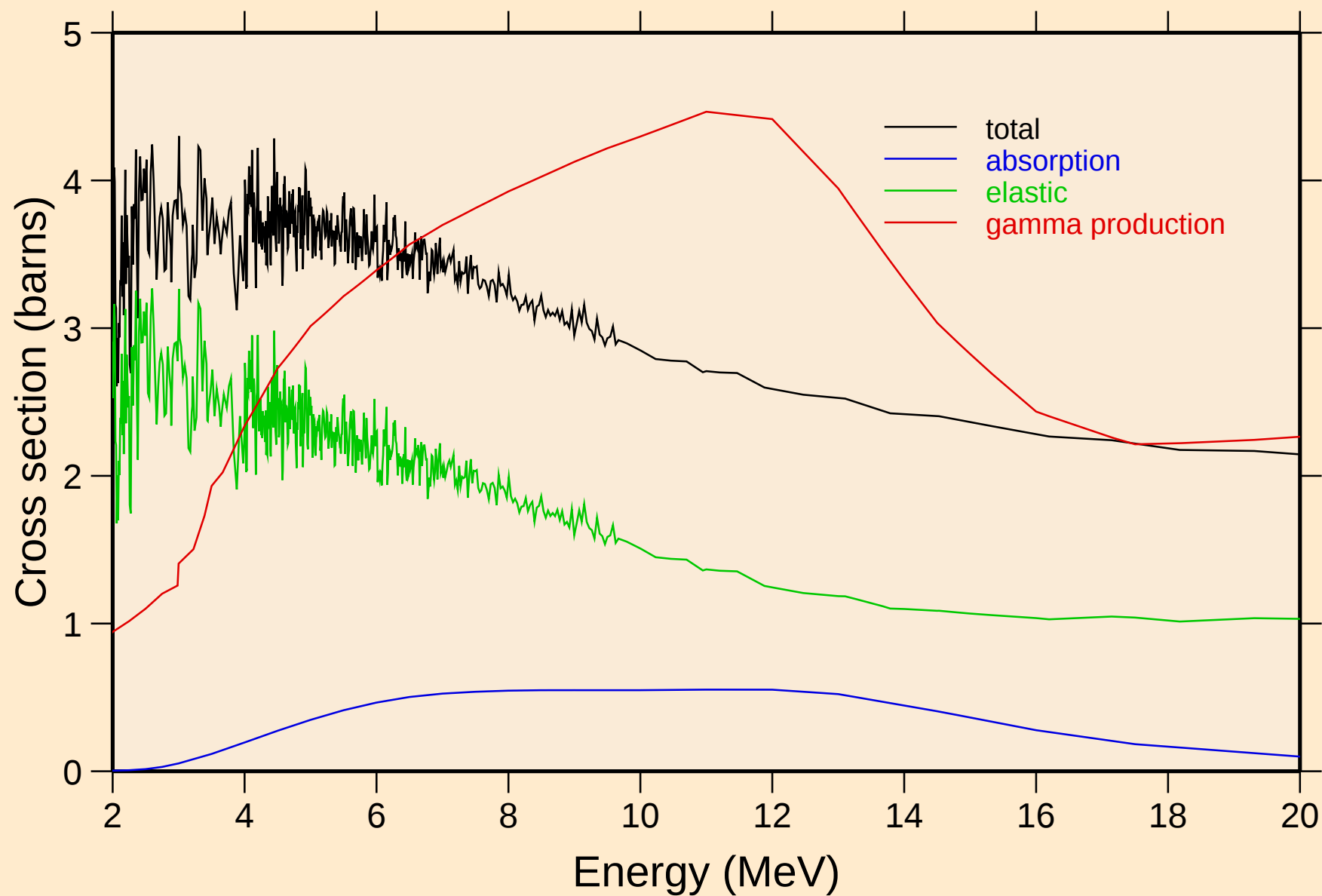
JEFF-3.1 CR-50

Non-threshold reactions



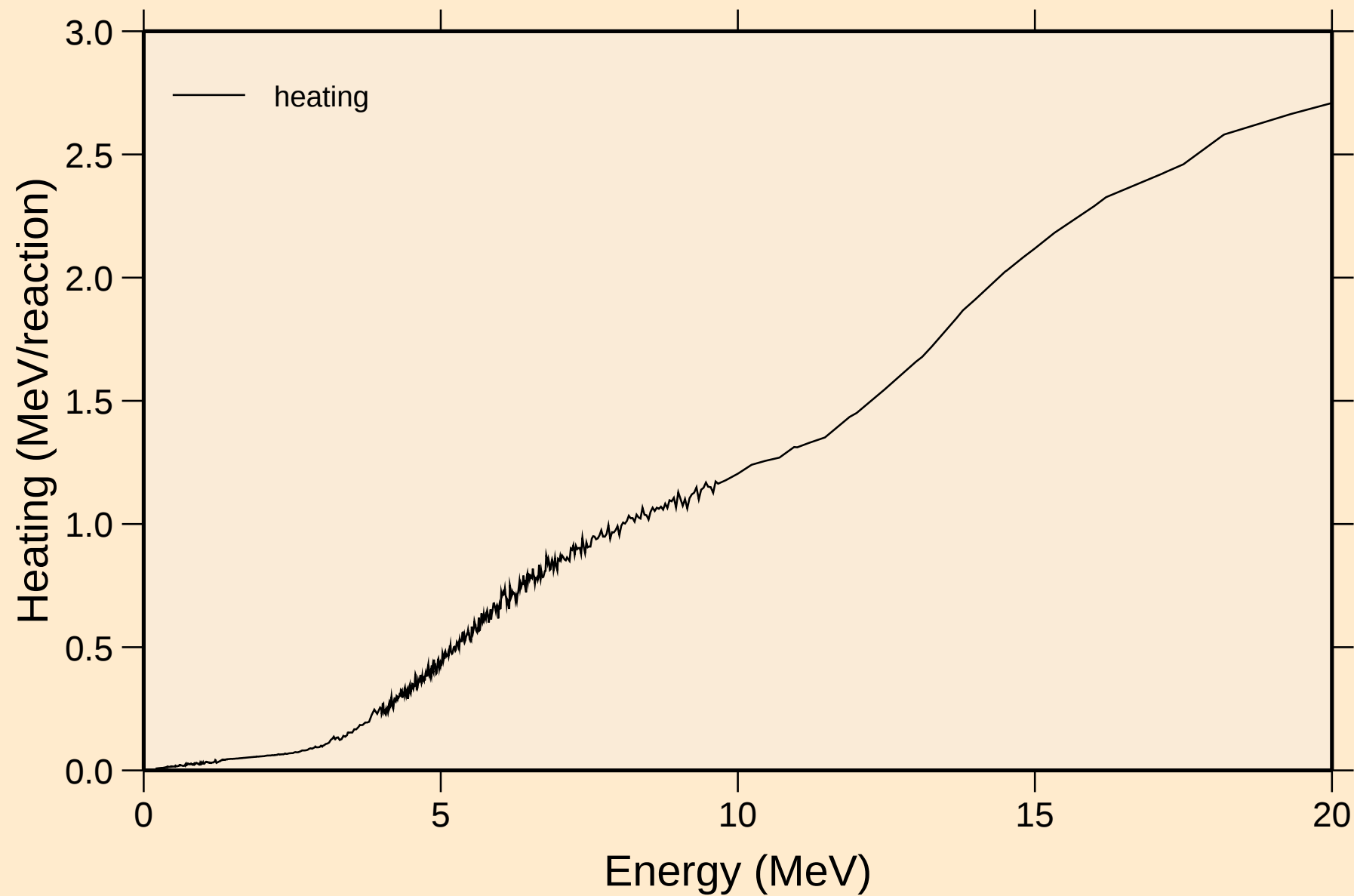
JEFF-3.1 CR-50

Principal cross sections

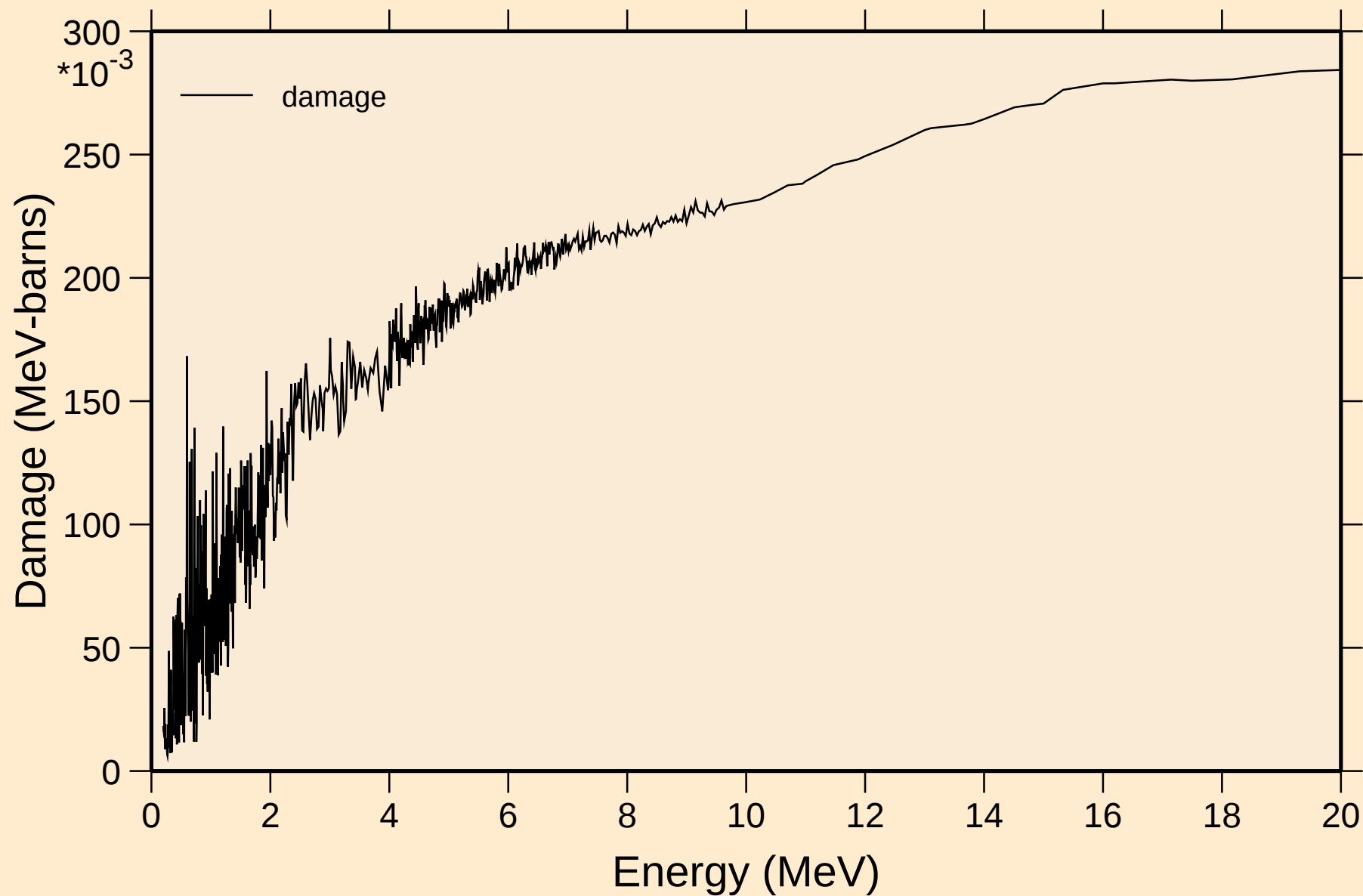


JEFF-3.1 CR-50

Heating

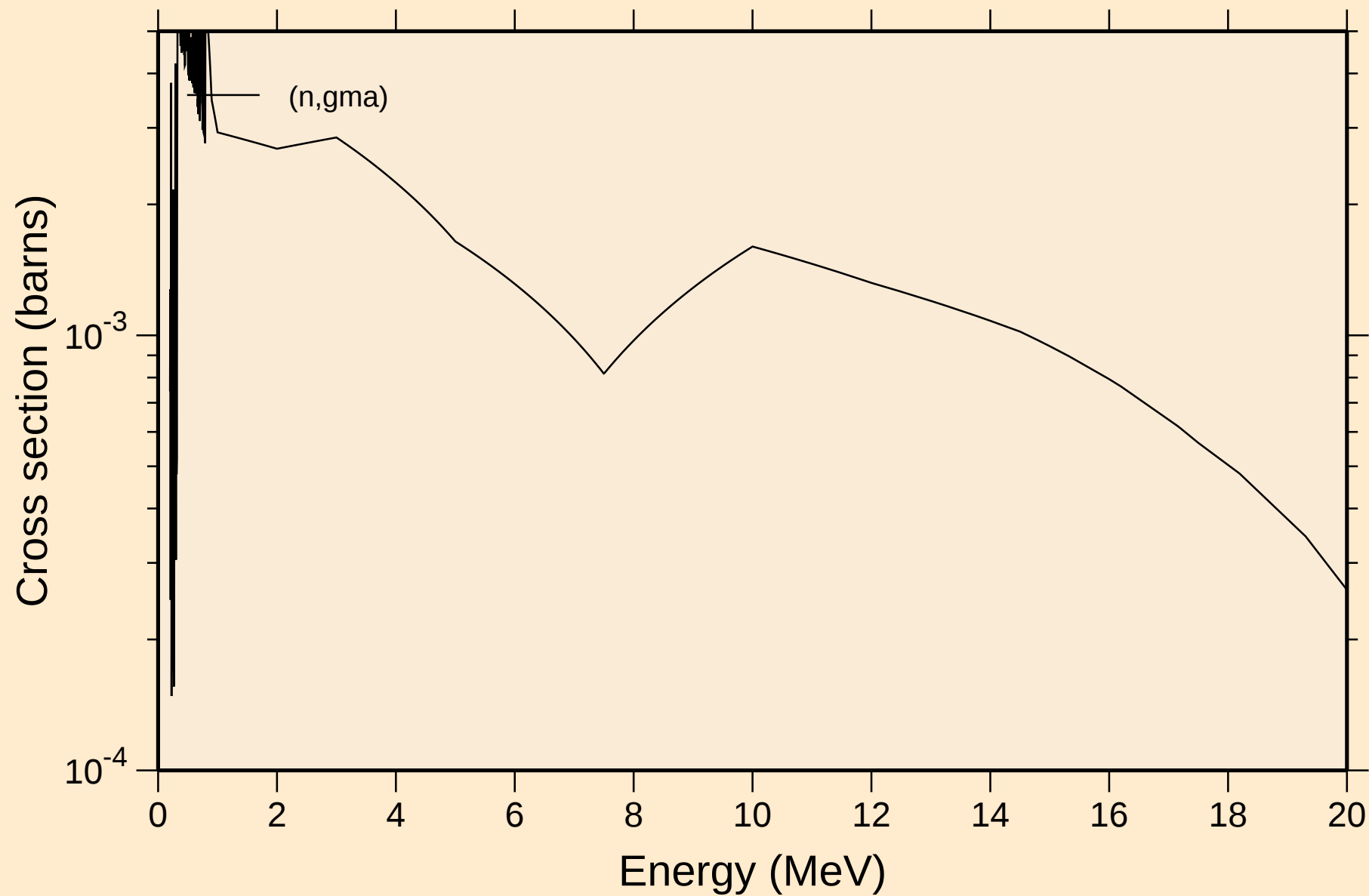


JEFF-3.1 CR-50 Damage



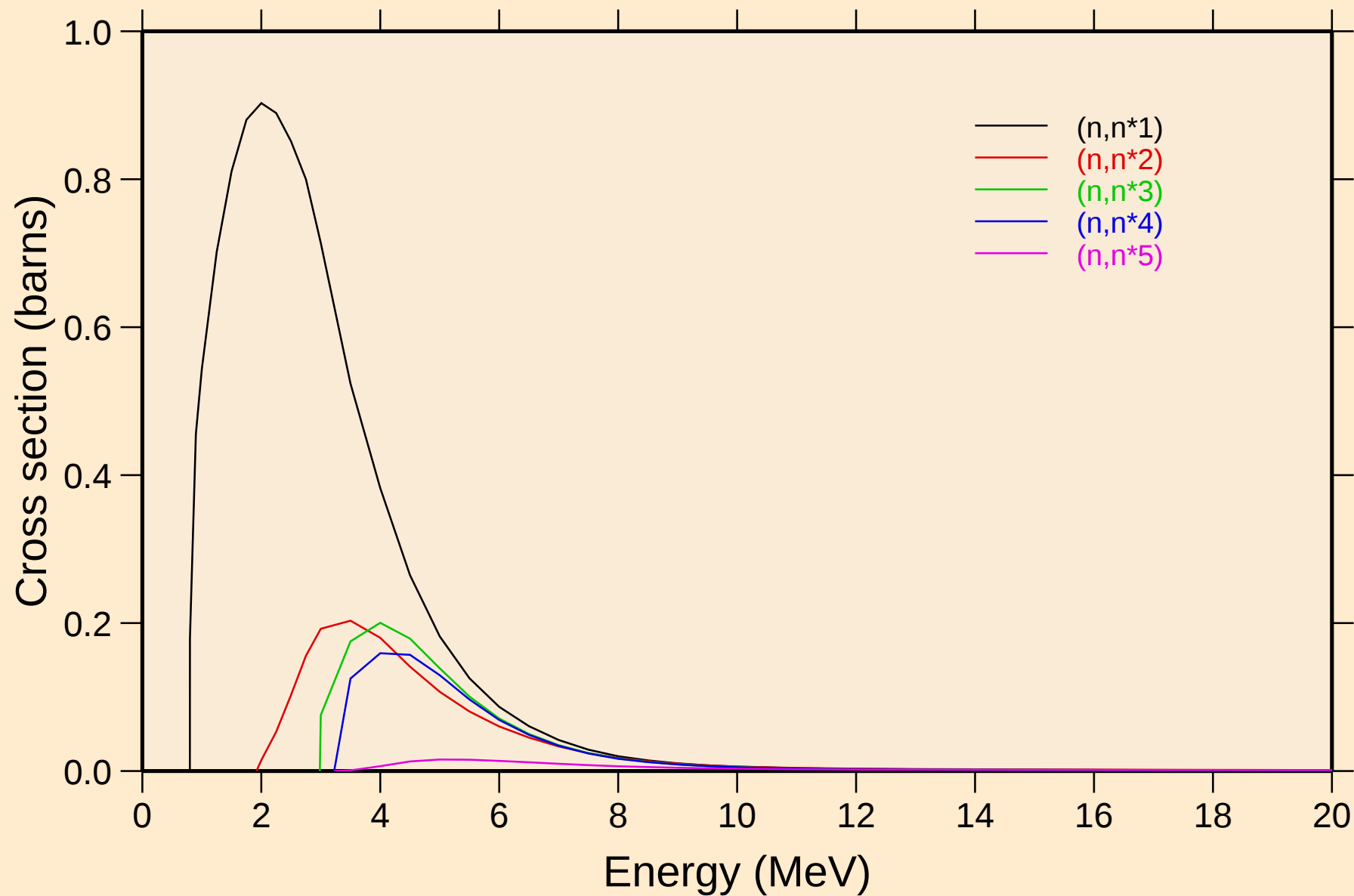
JEFF-3.1 CR-50

Non-threshold reactions



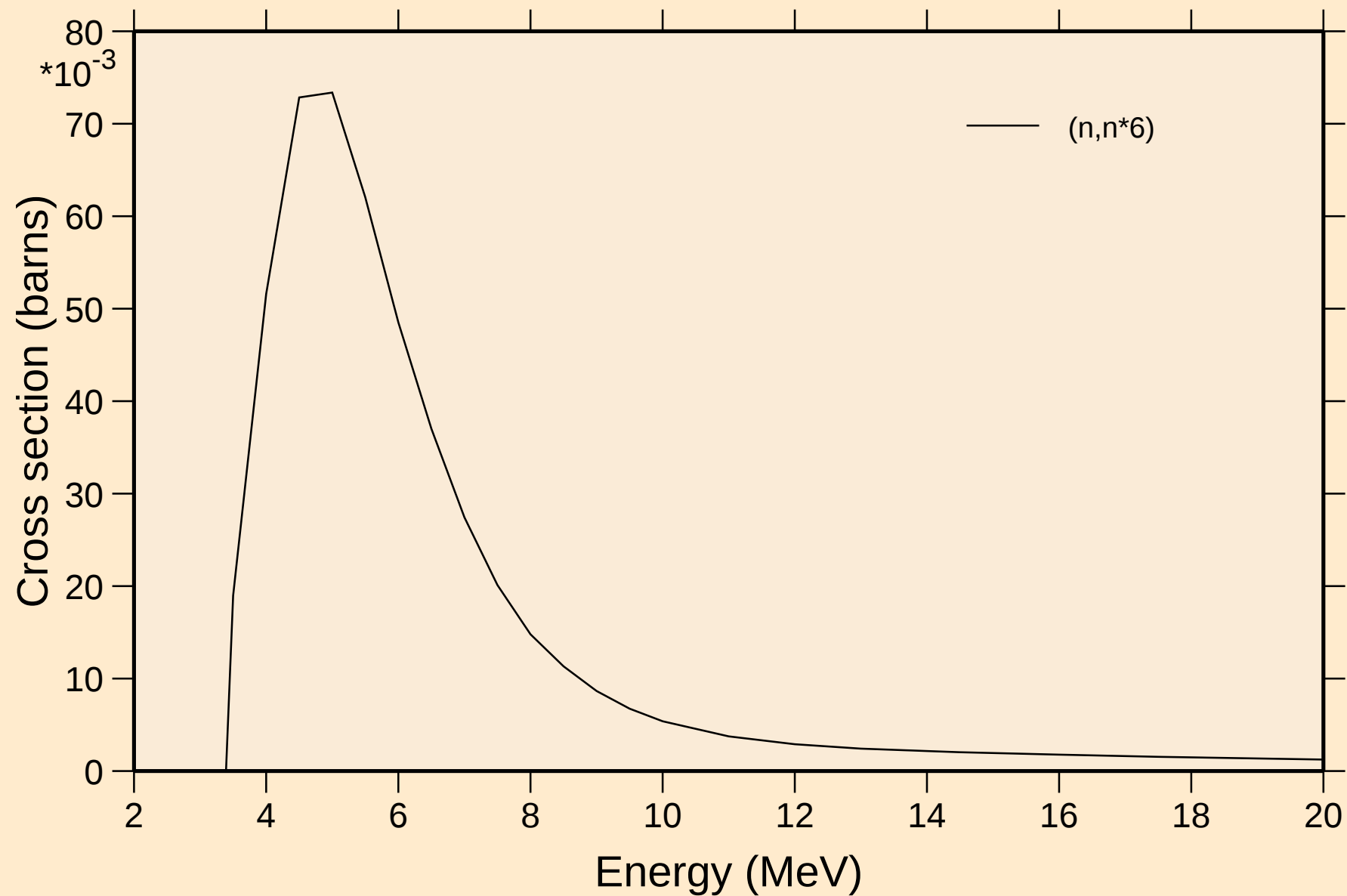
JEFF-3.1 CR-50

Inelastic levels



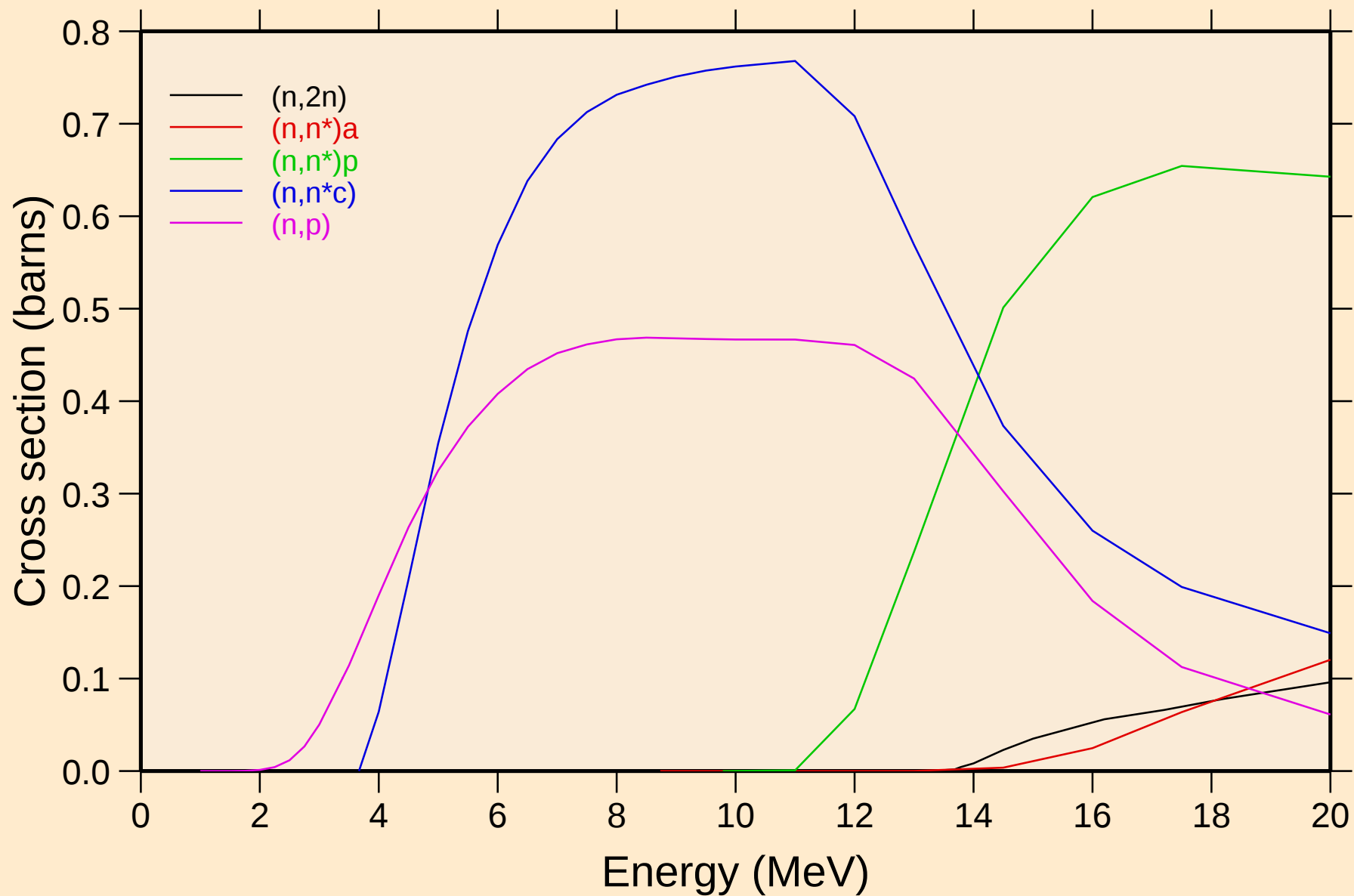
JEFF-3.1 CR-50

Inelastic levels



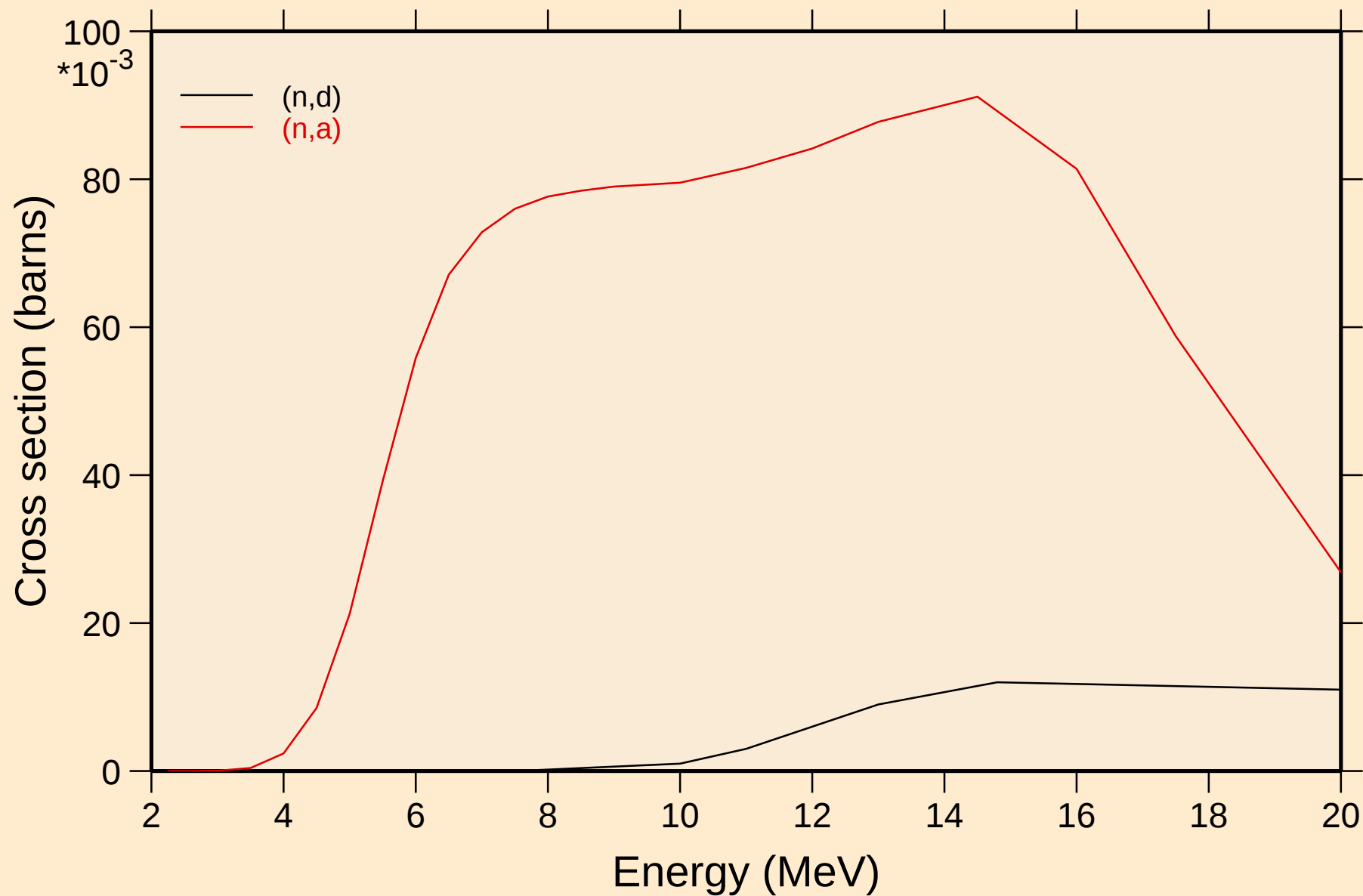
JEFF-3.1 CR-50

Threshold reactions



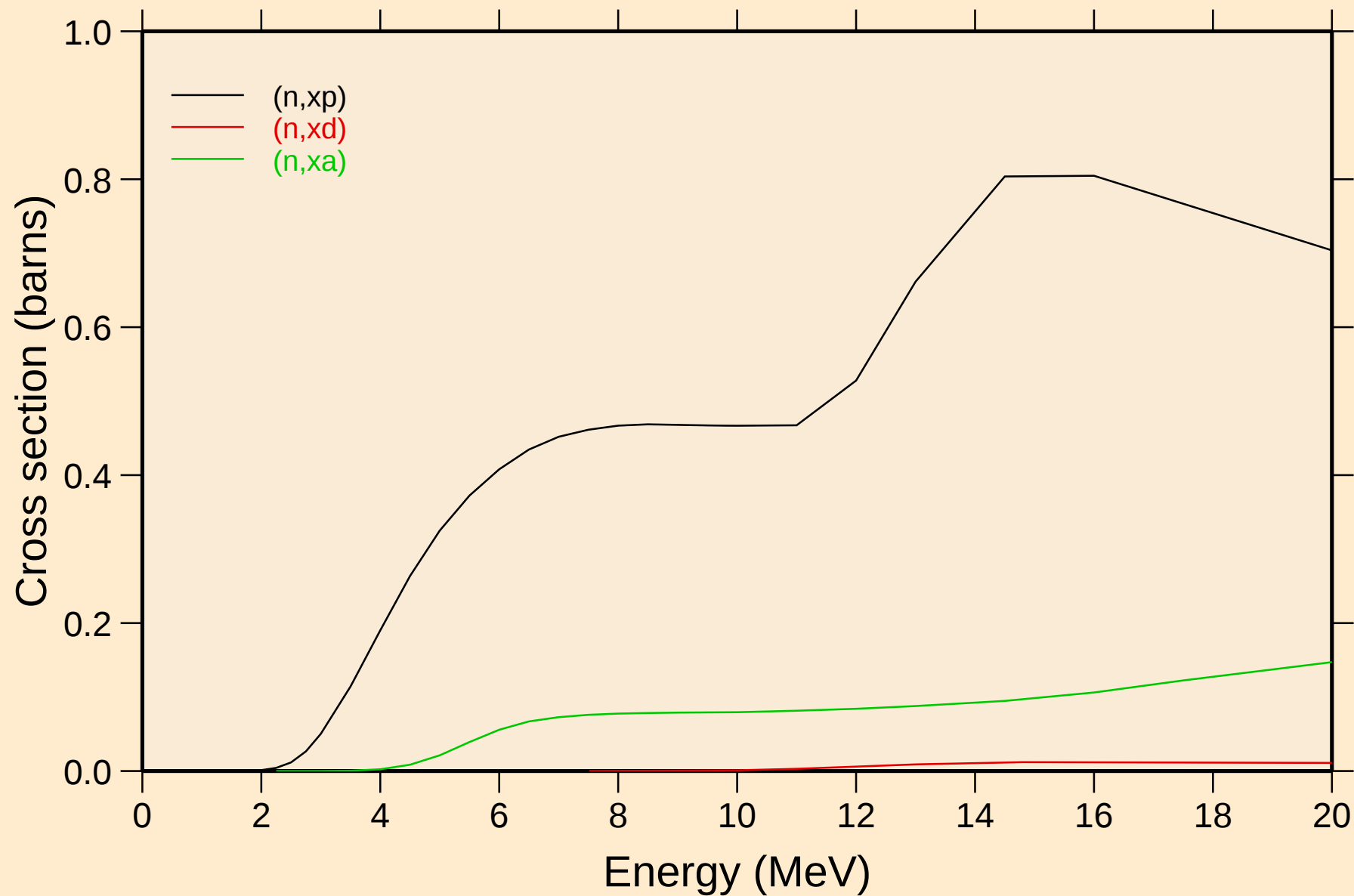
JEFF-3.1 CR-50

Threshold reactions

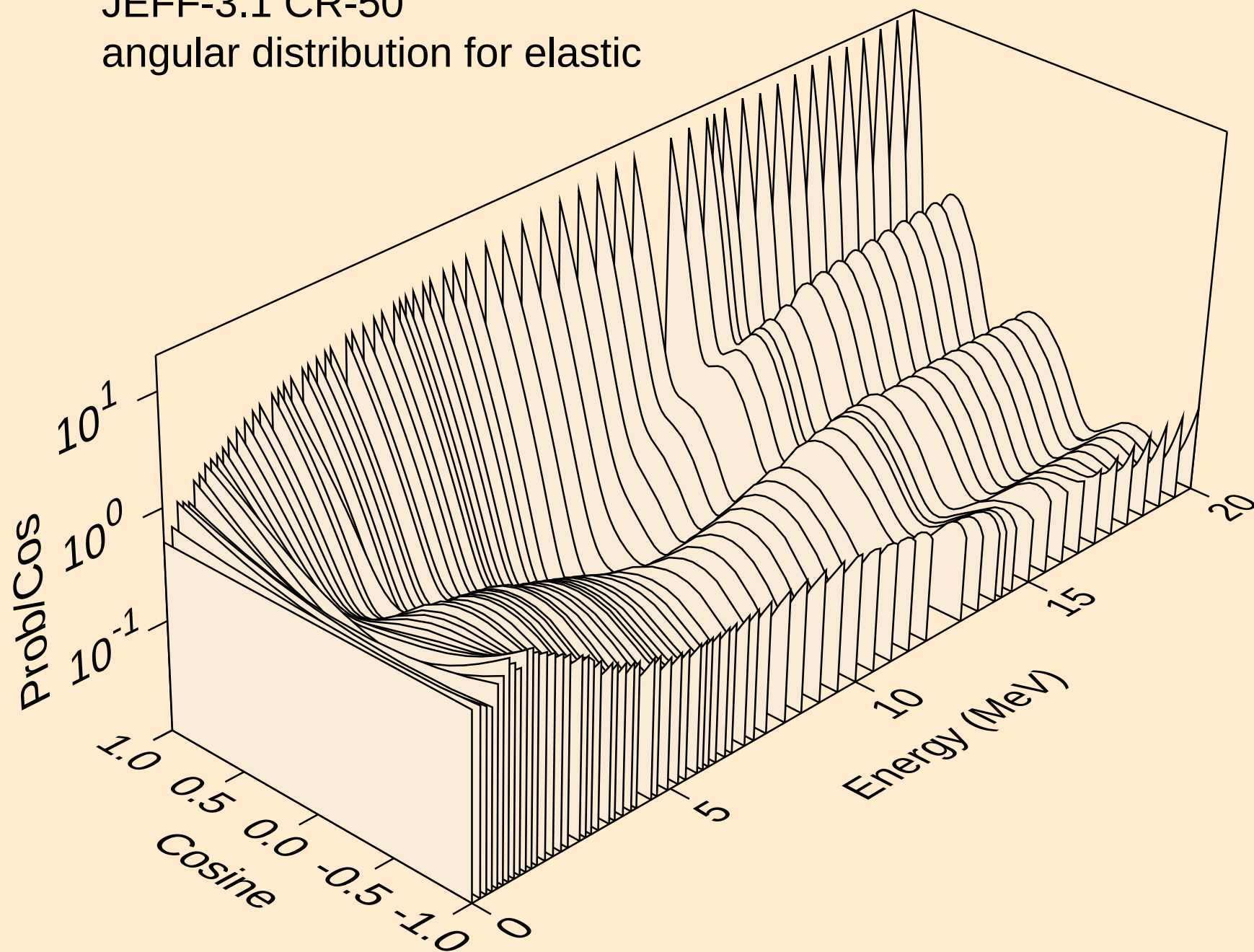


JEFF-3.1 CR-50

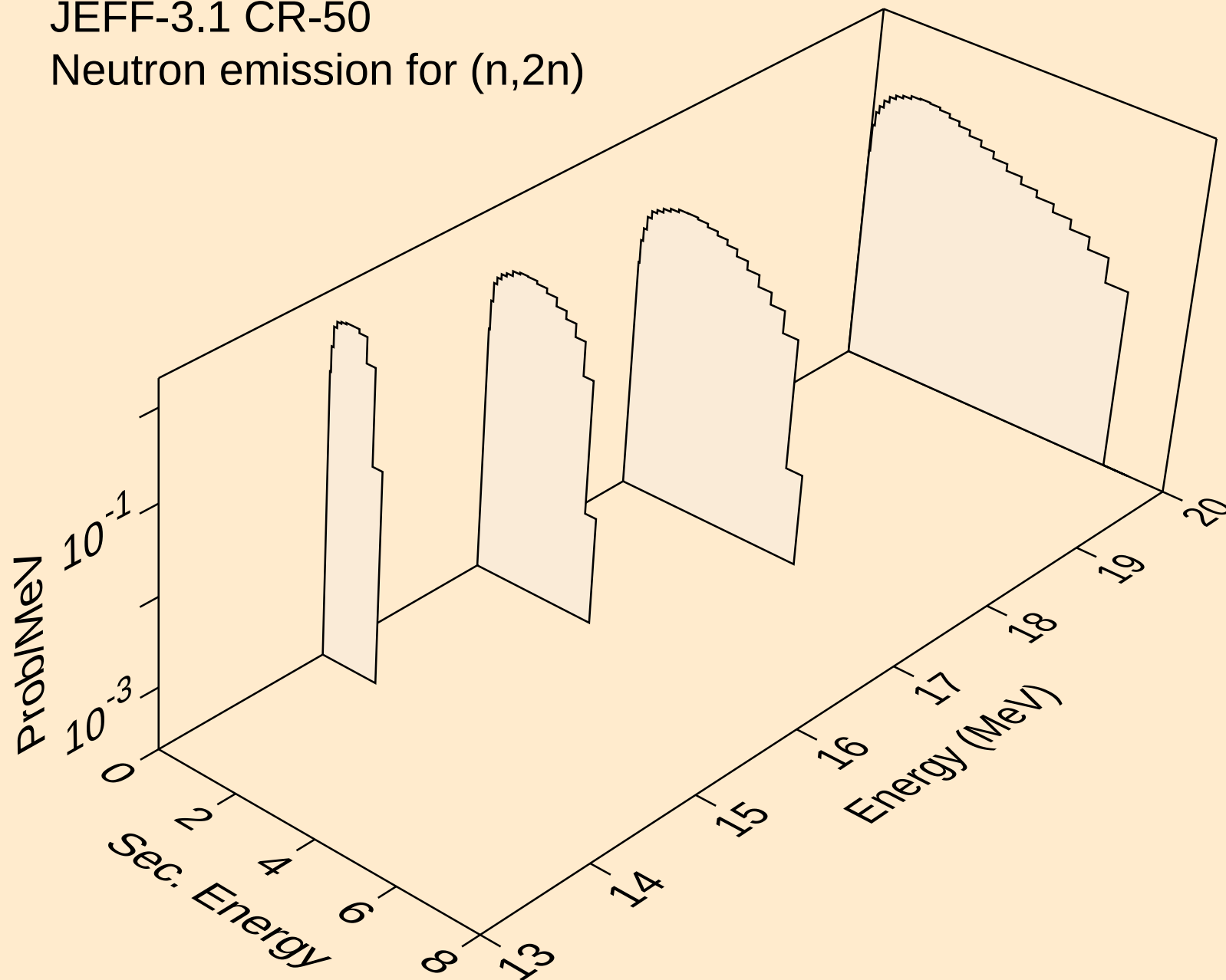
Threshold reactions



JEFF-3.1 CR-50
angular distribution for elastic

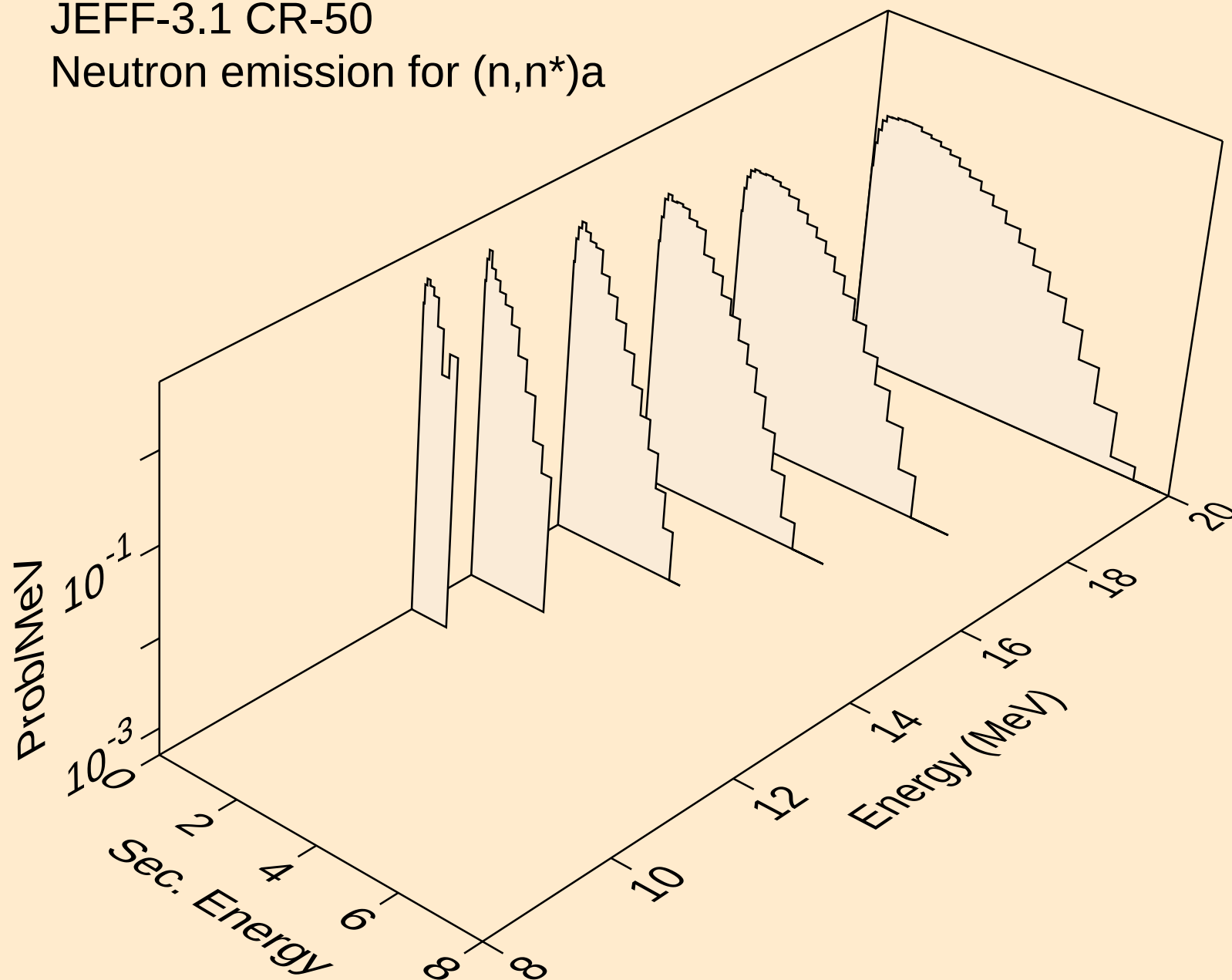


JEFF-3.1 CR-50
Neutron emission for (n,2n)



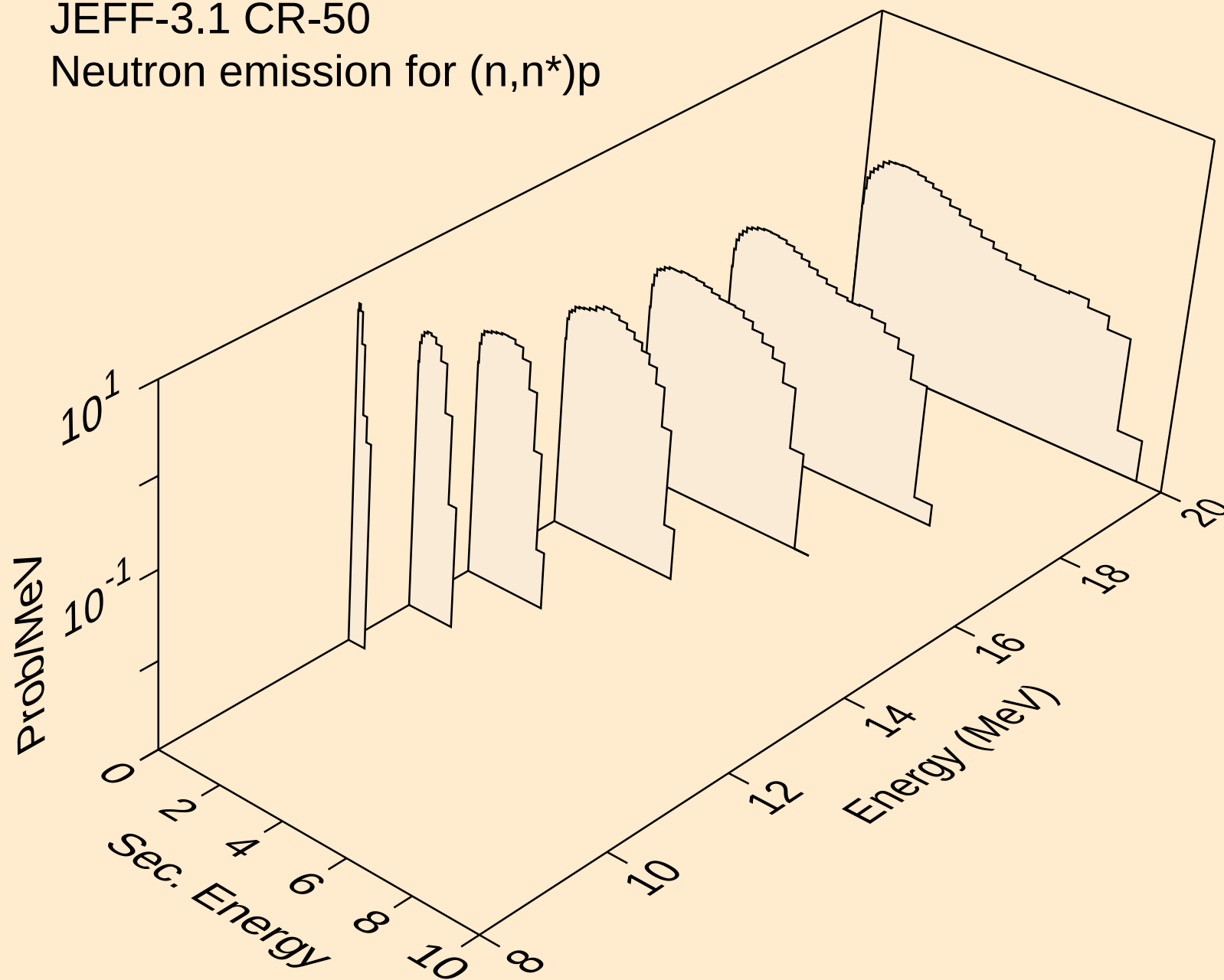
JEFF-3.1 CR-50

Neutron emission for (n,n*)a

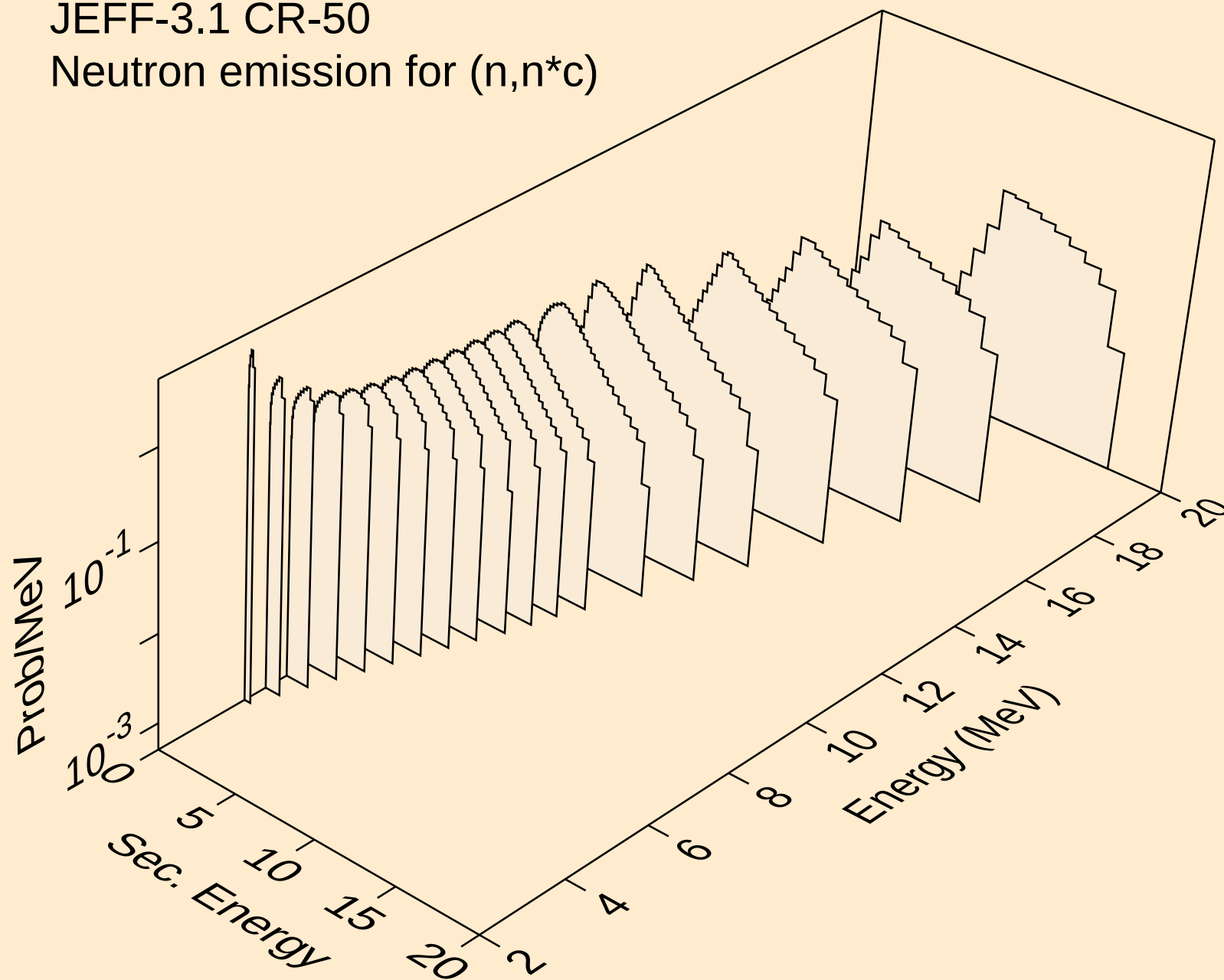


JEFF-3.1 CR-50

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

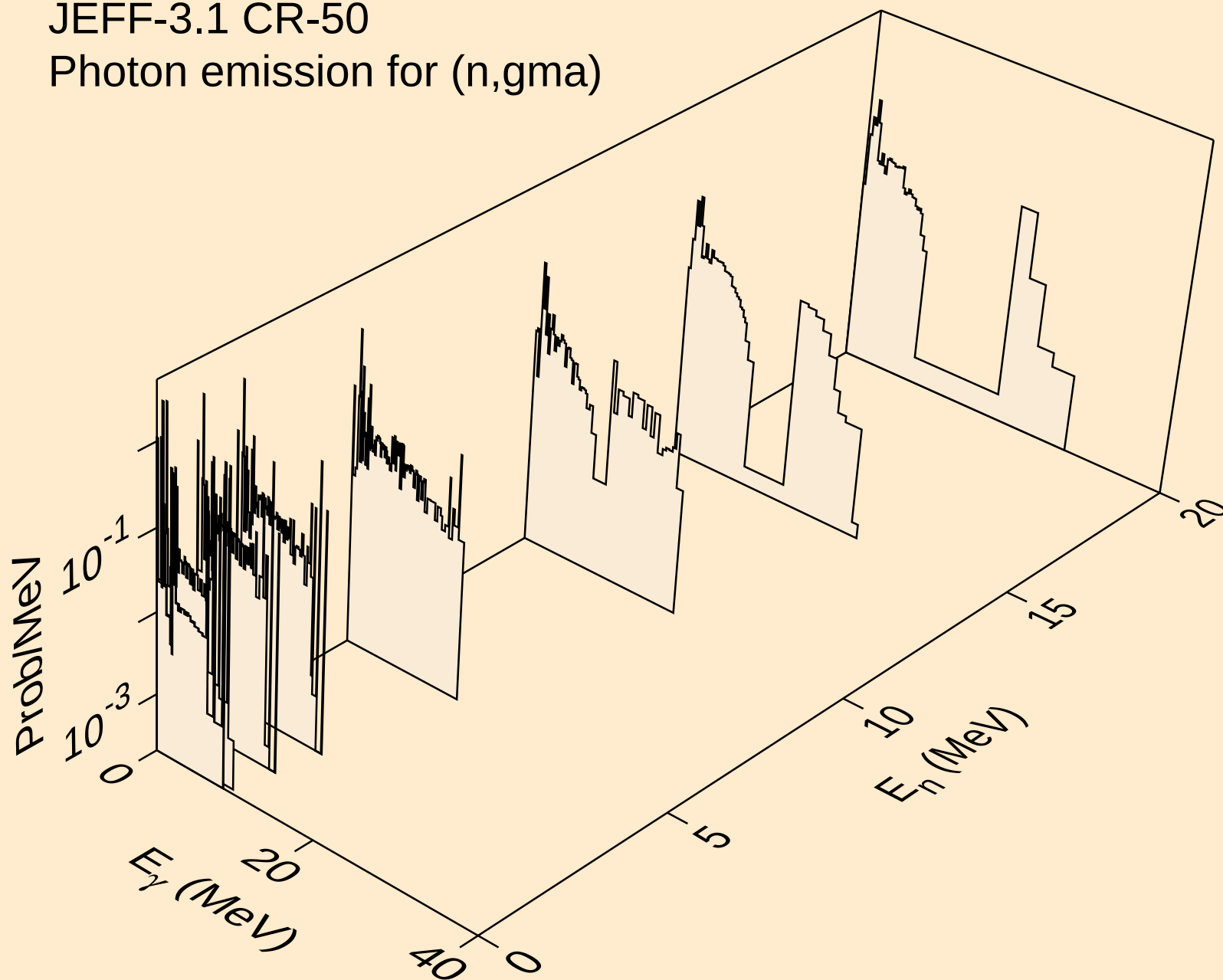


JEFF-3.1 CR-50
Neutron emission for (n,n*c)



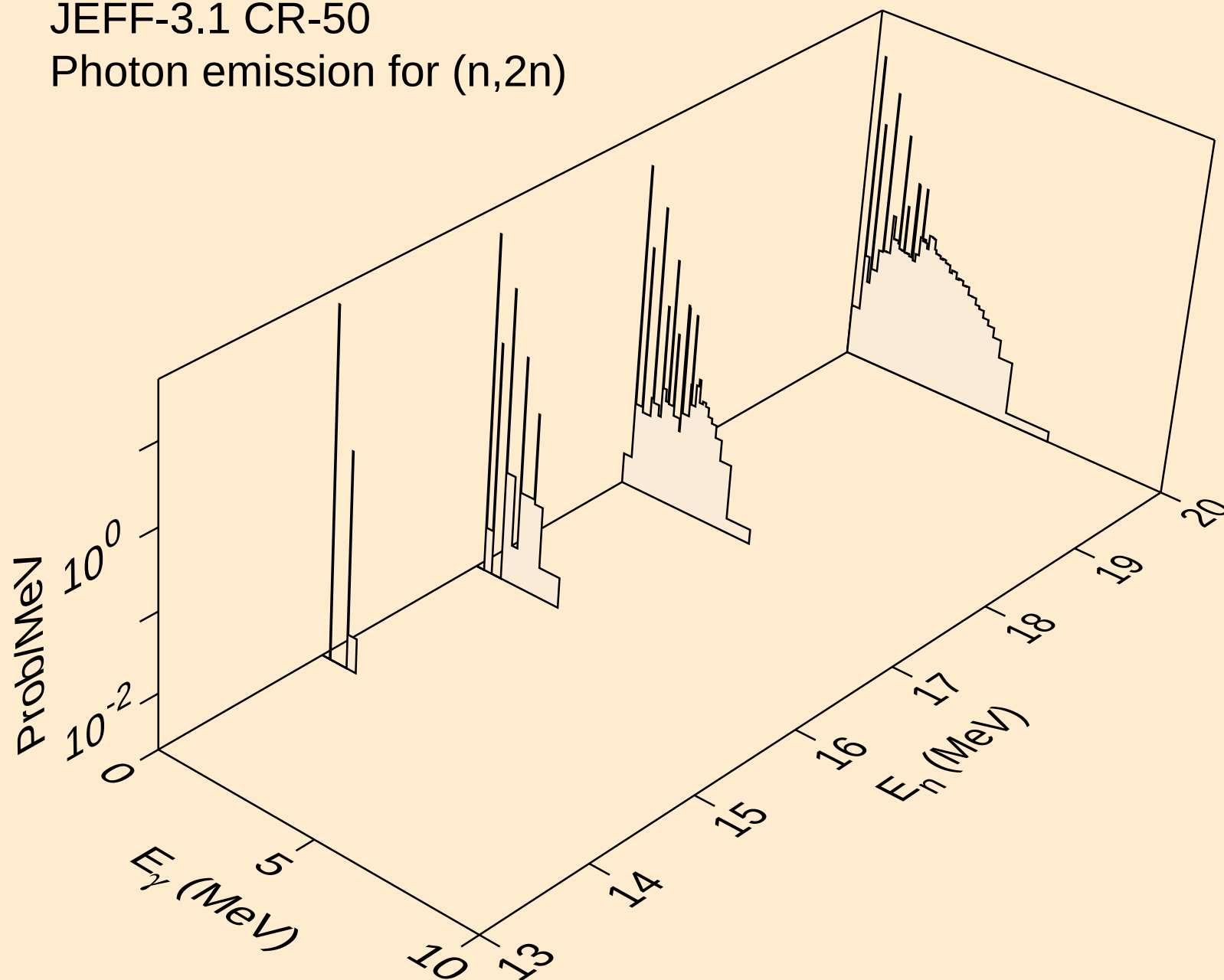
JEFF-3.1 CR-50

Photon emission for (n,gma)



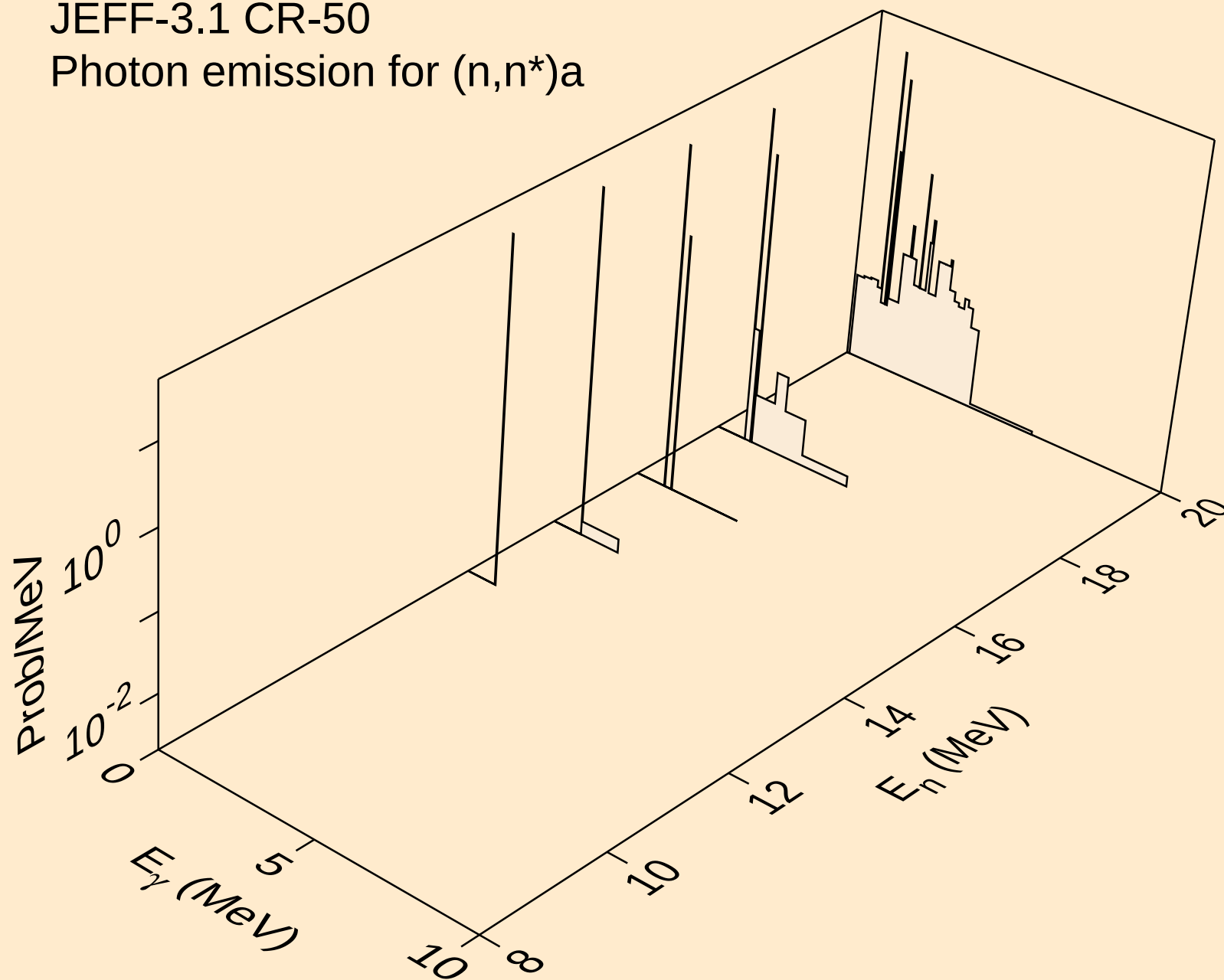
JEFF-3.1 CR-50

Photon emission for (n,2n)



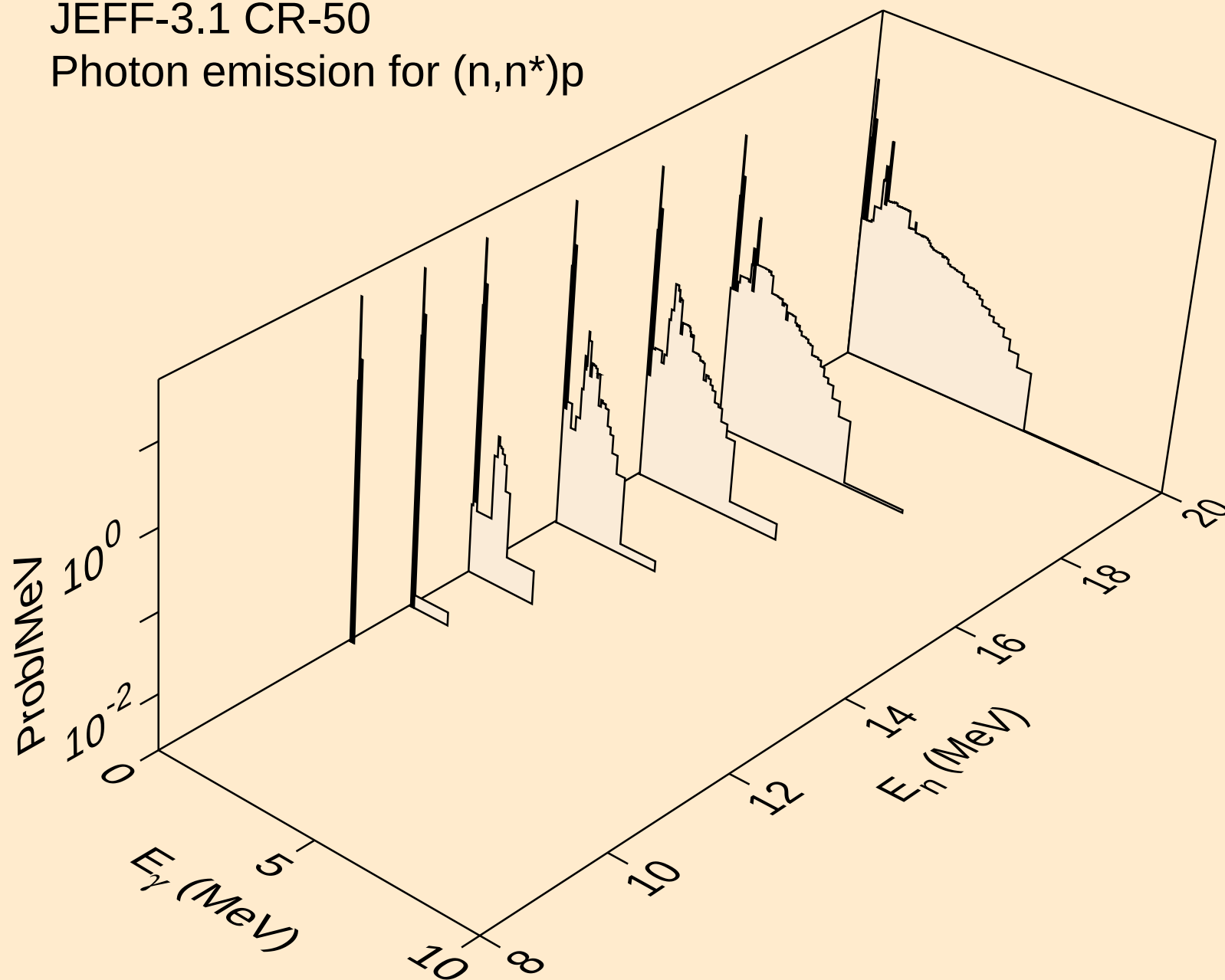
JEFF-3.1 CR-50

Photon emission for (n,n*)a



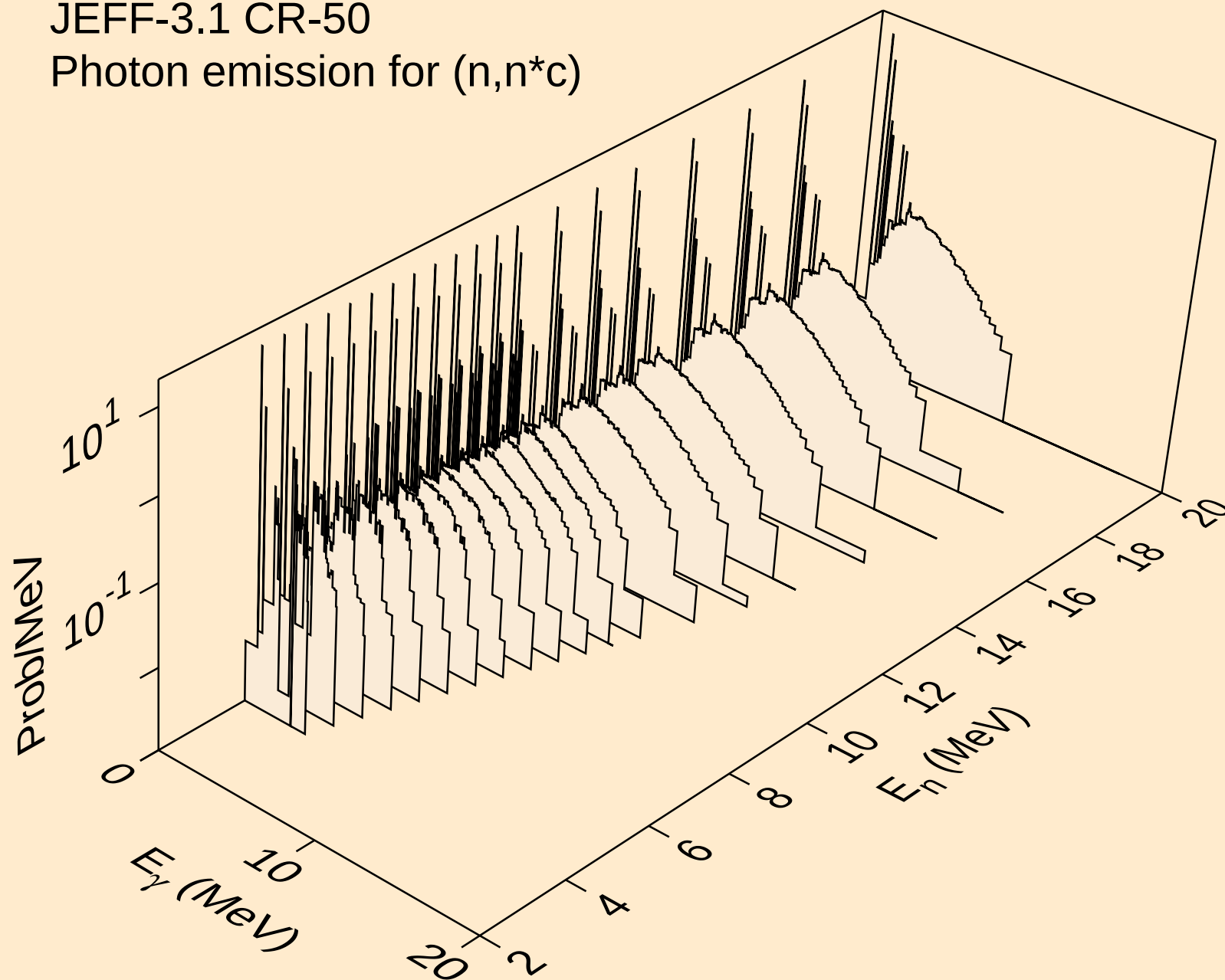
JEFF-3.1 CR-50

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



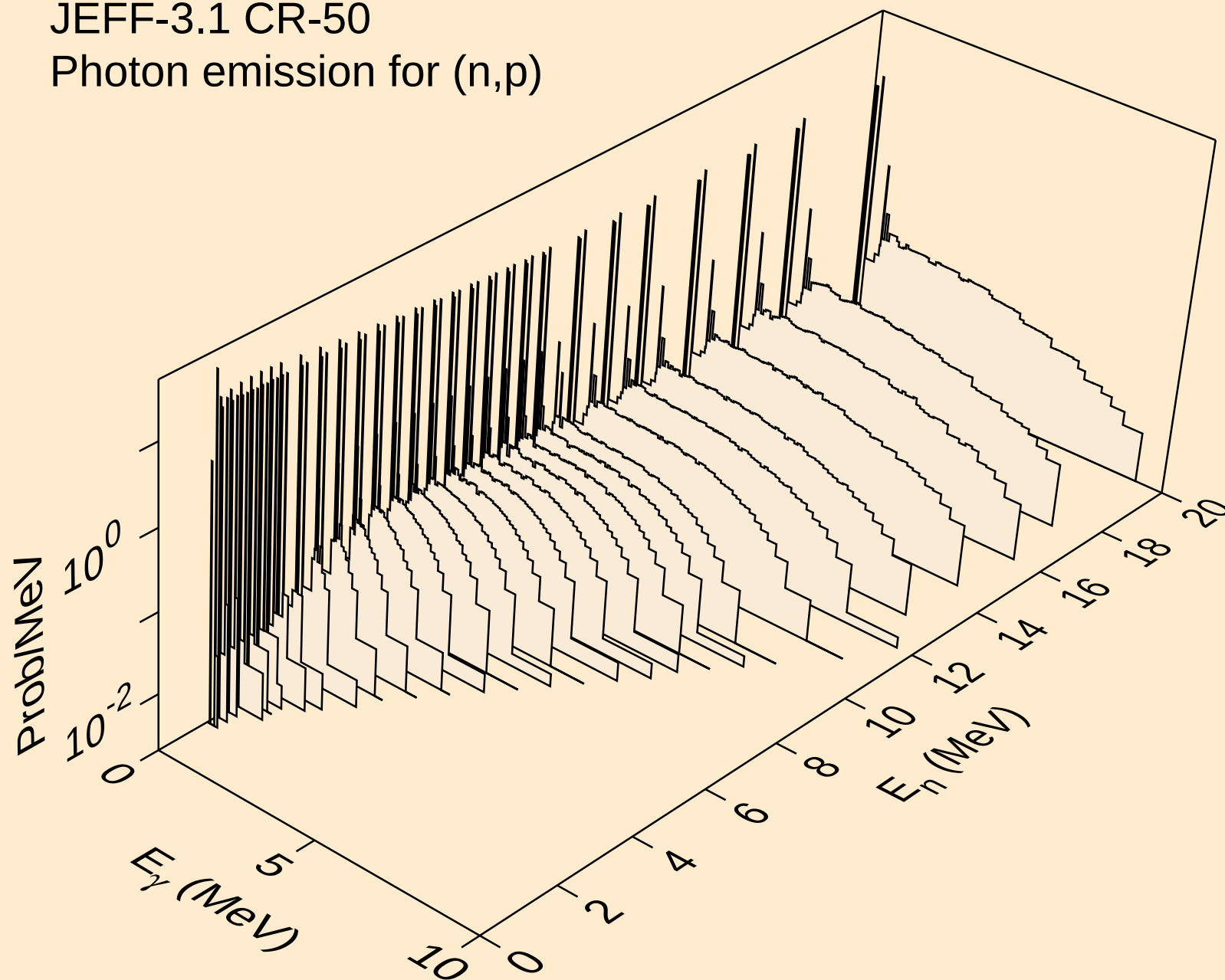
JEFF-3.1 CR-50

Photon emission for (n,n*c)



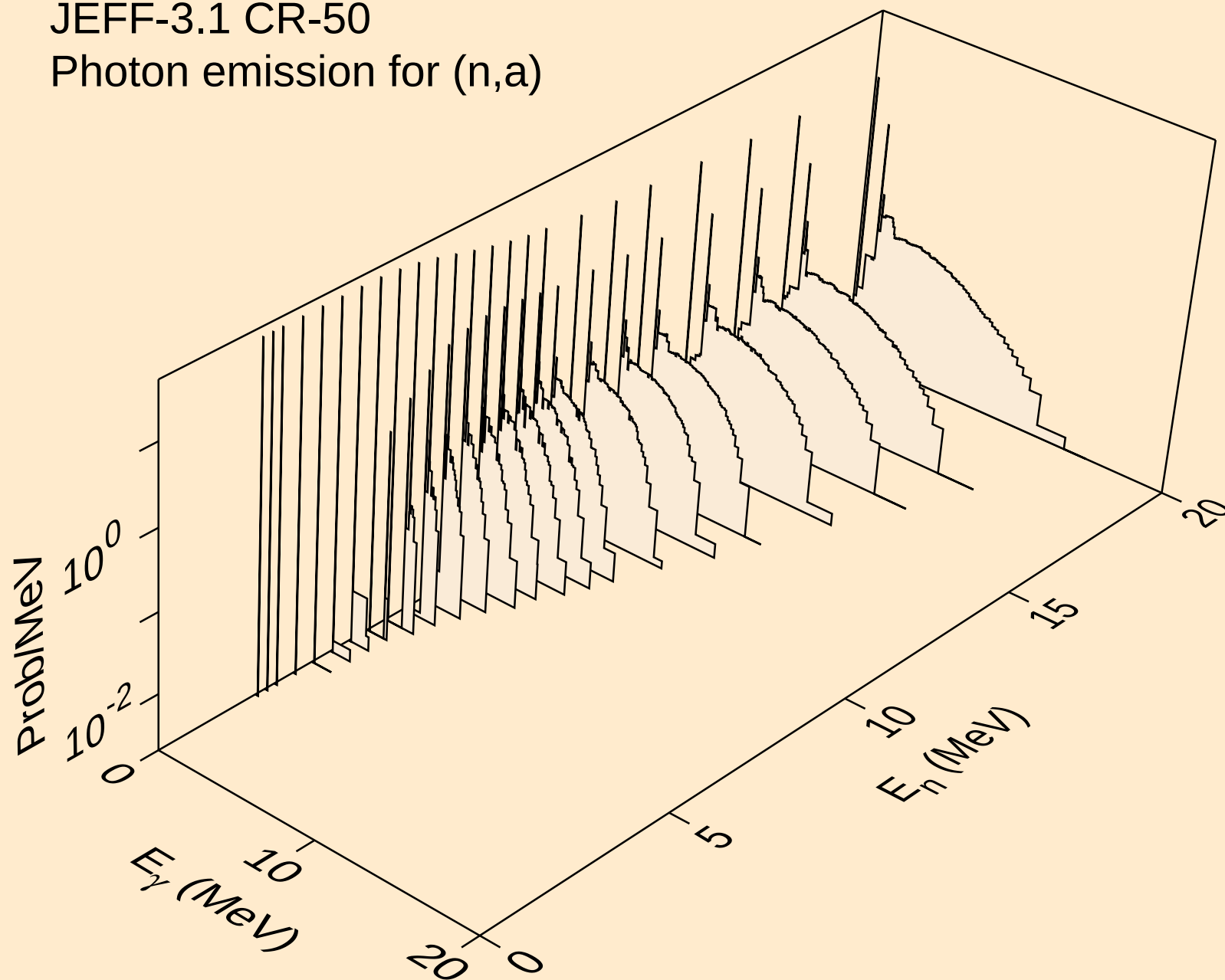
JEFF-3.1 CR-50

Photon emission for (n,p)

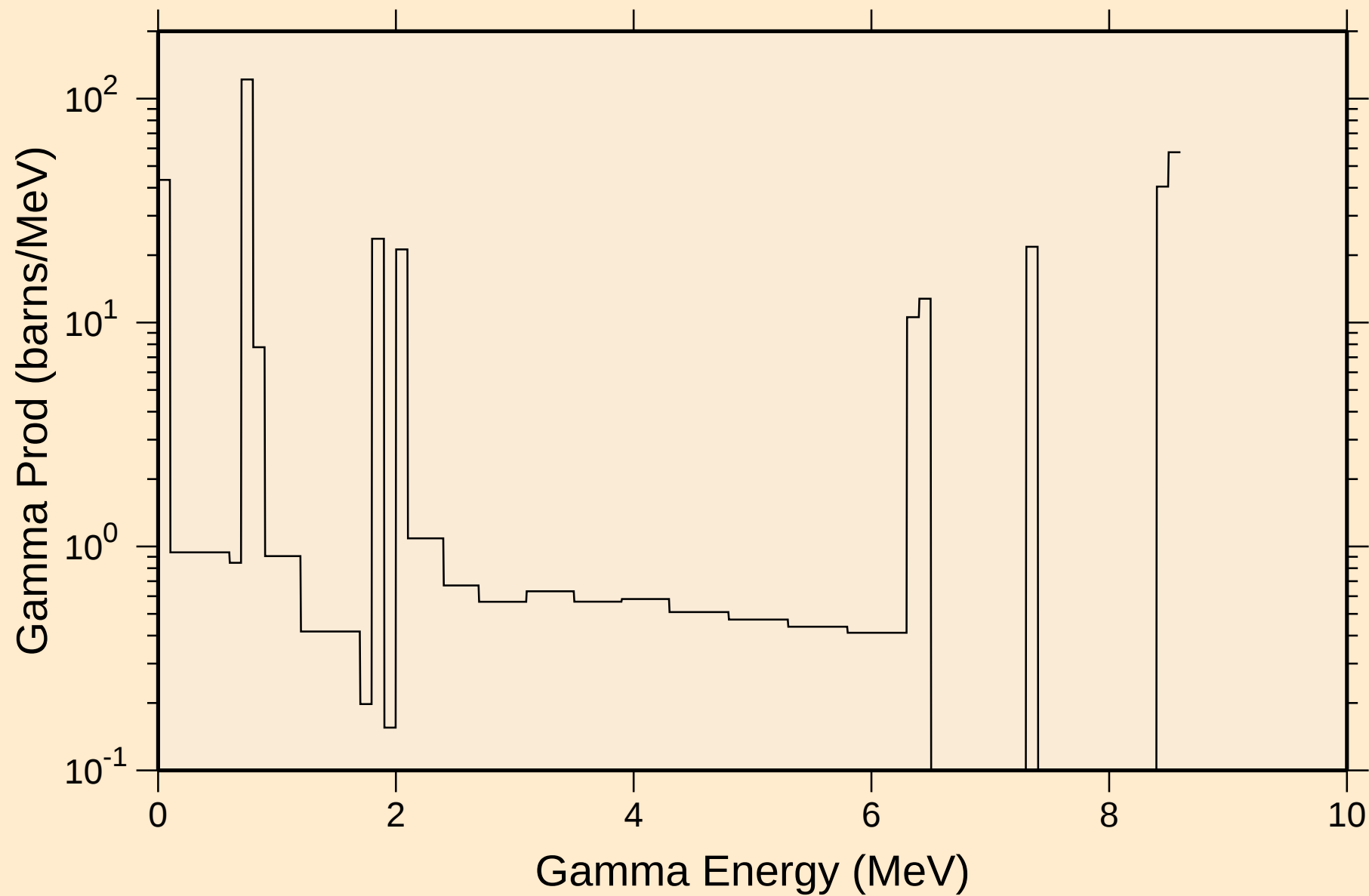


JEFF-3.1 CR-50

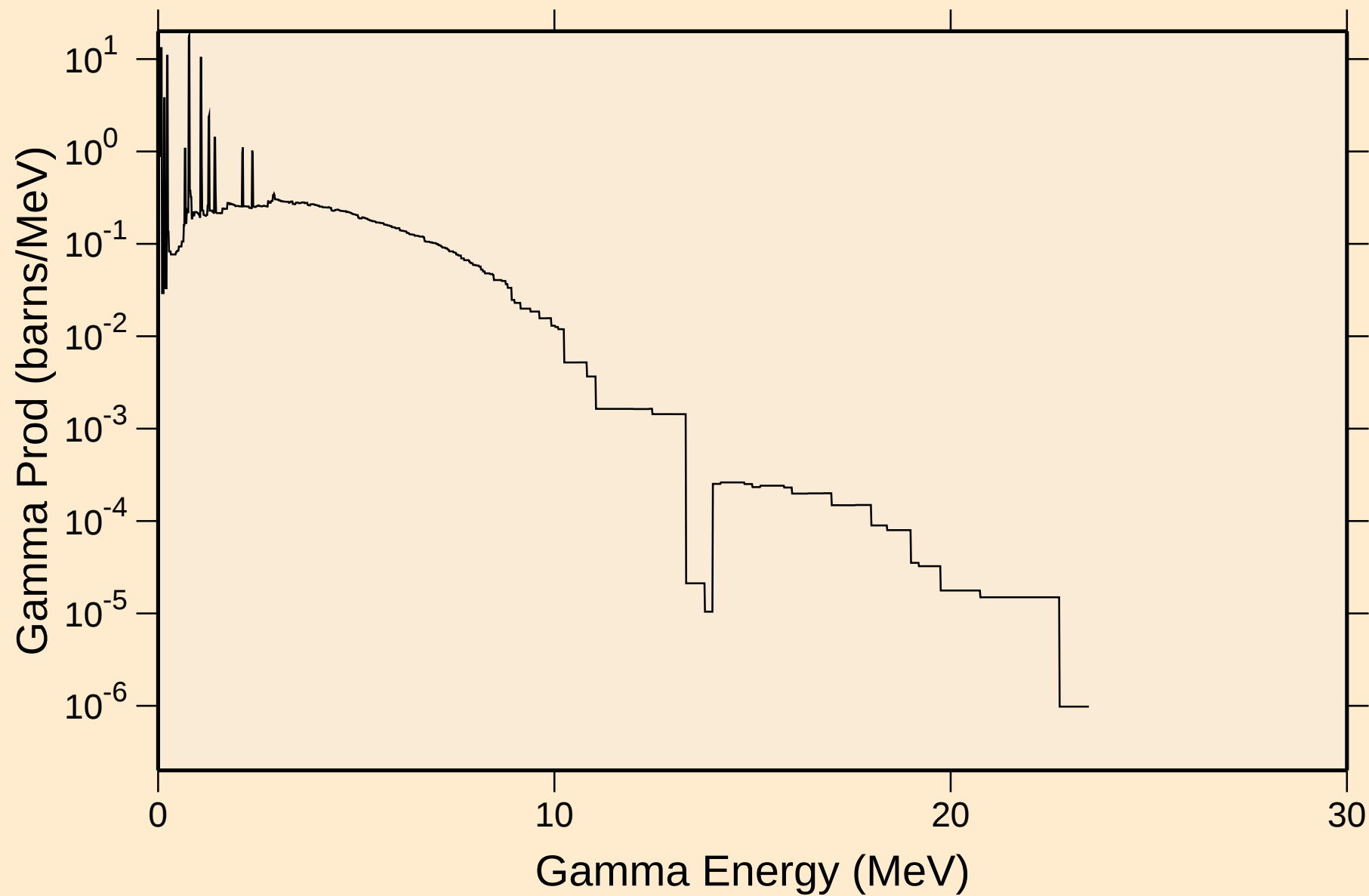
Photon emission for (n,a)



JEFF-3.1 CR-50
thermal capture photon spectrum

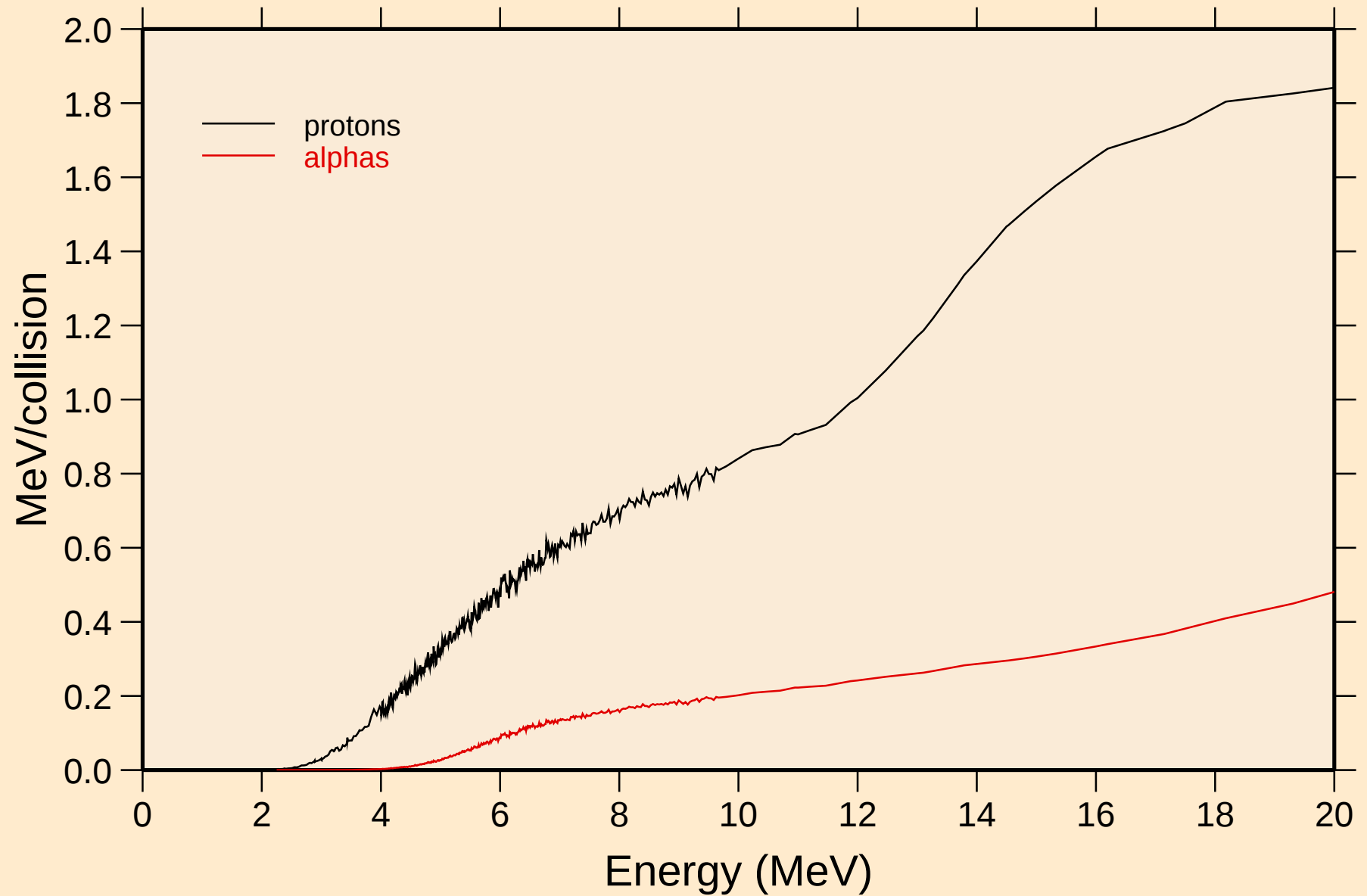


JEFF-3.1 CR-50
14 MeV photon spectrum

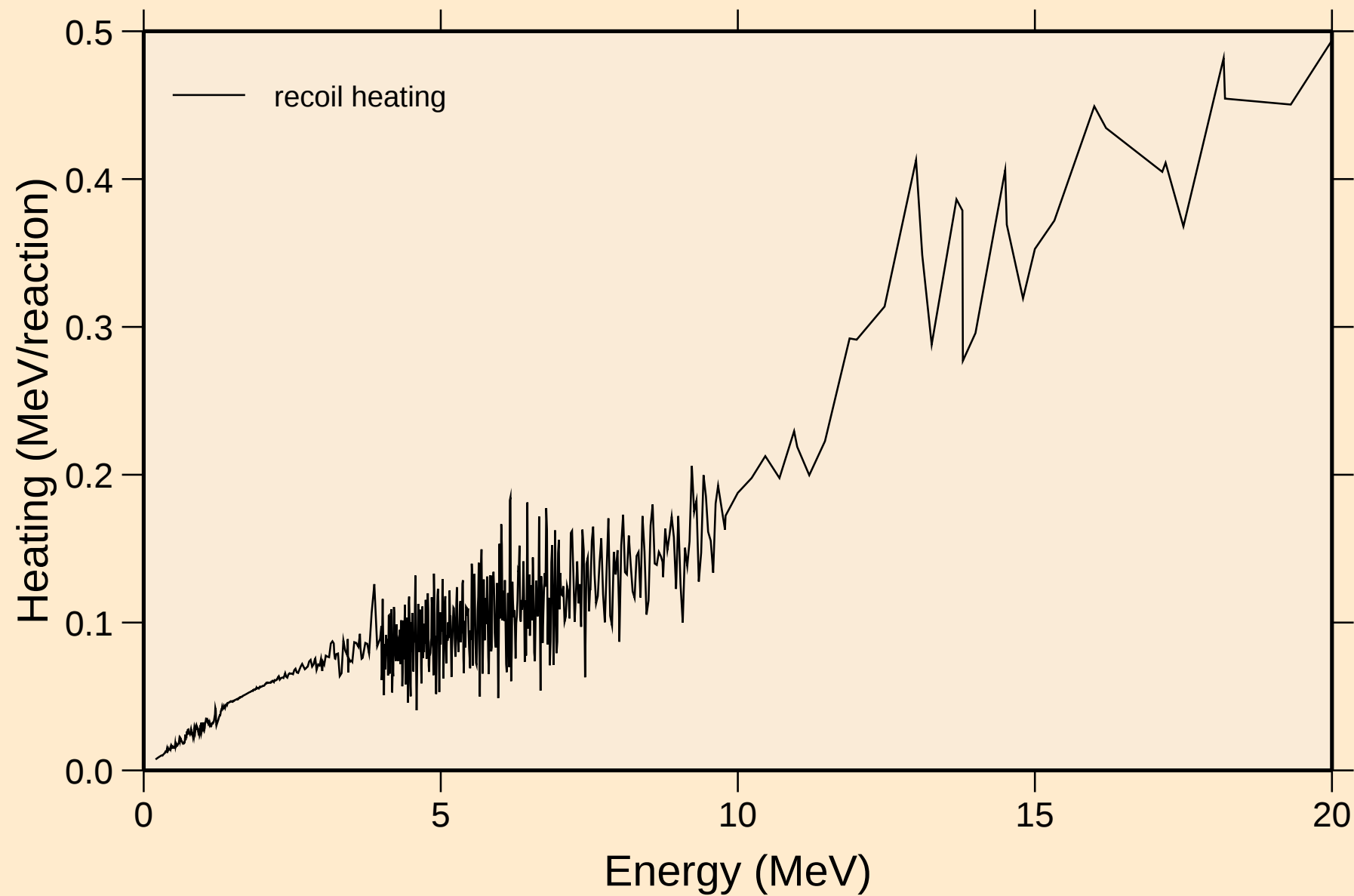


JEFF-3.1 CR-50

Particle heating contributions

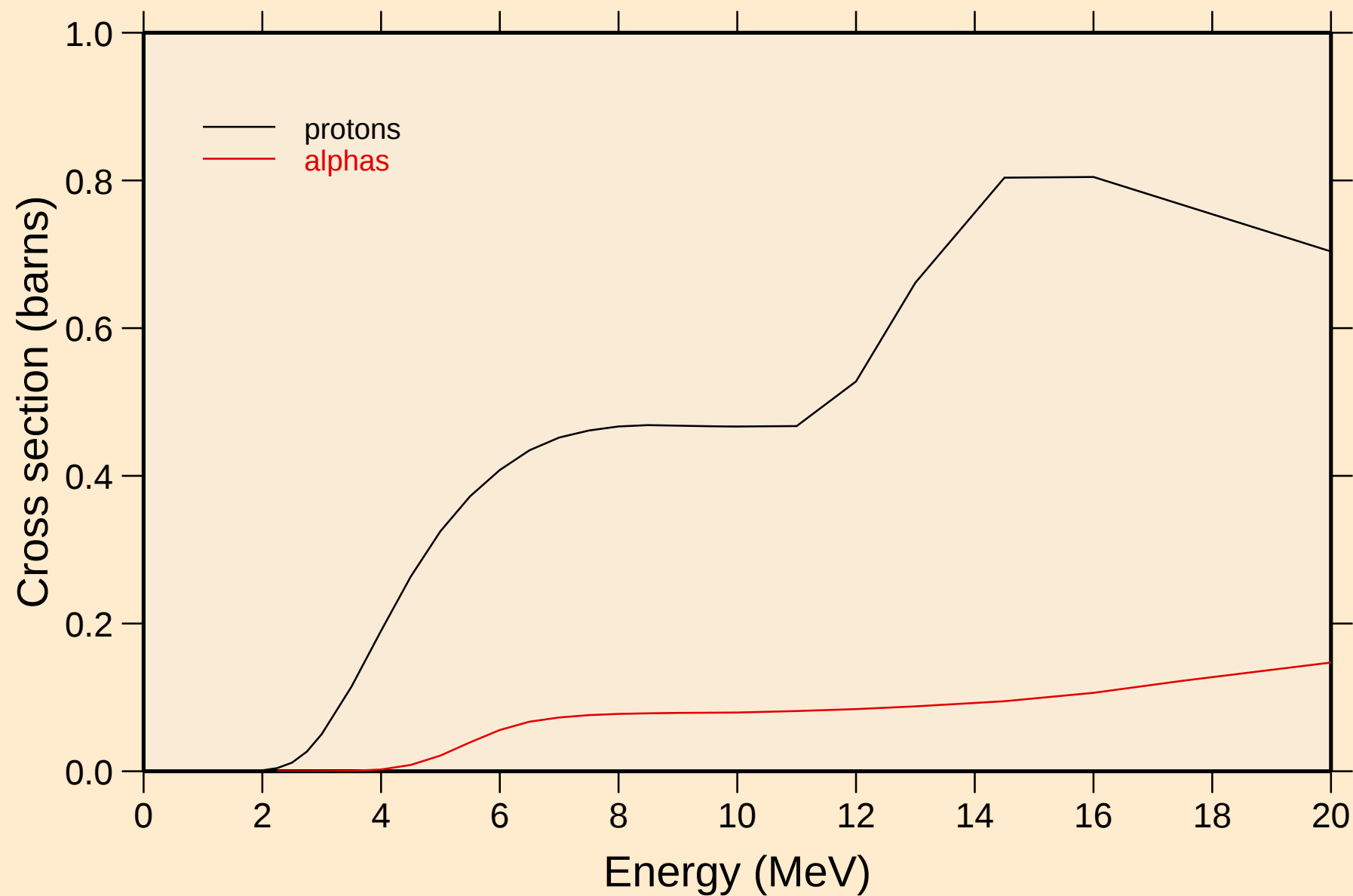


JEFF-3.1 CR-50 Recoil Heating

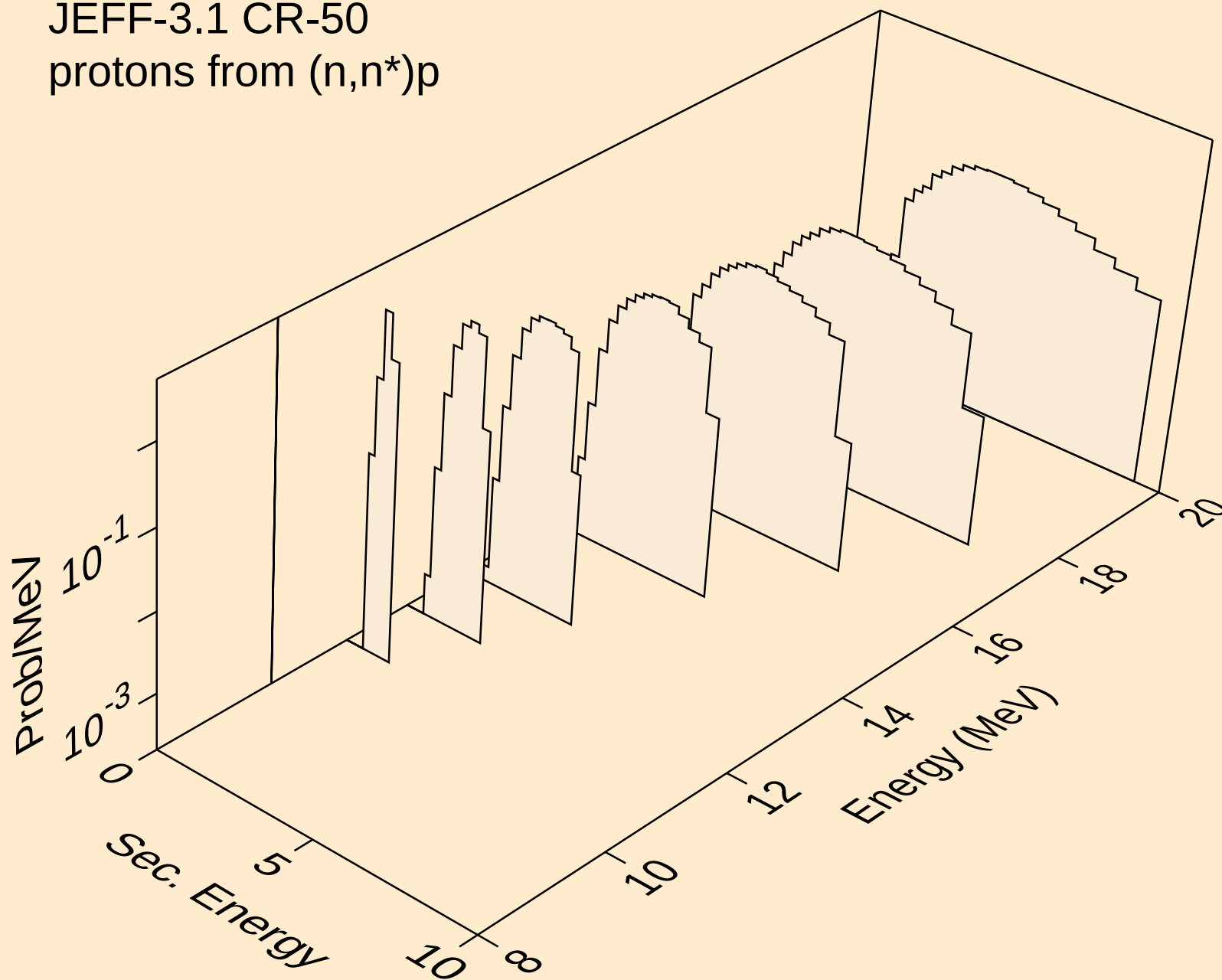


JEFF-3.1 CR-50

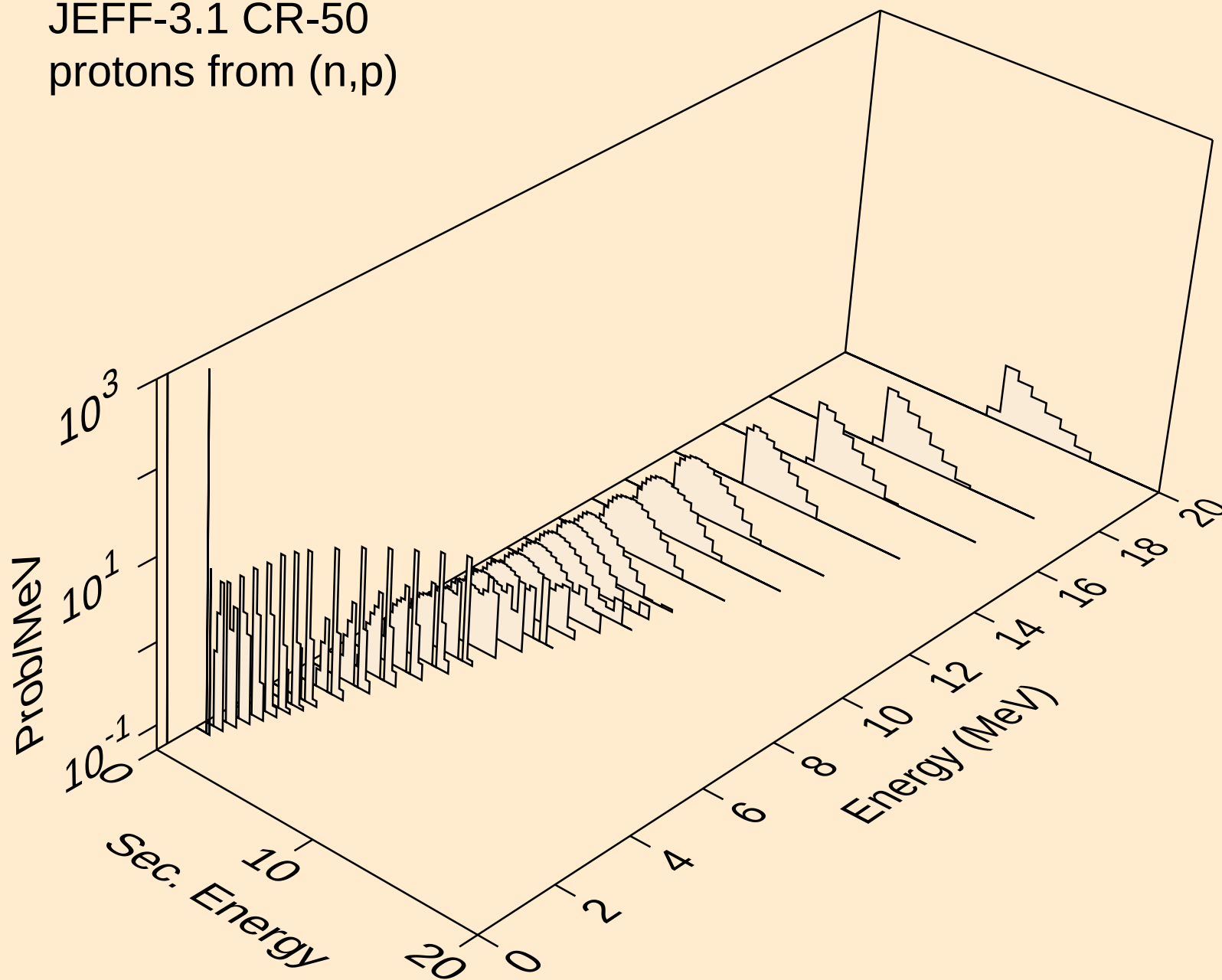
Particle production cross sections



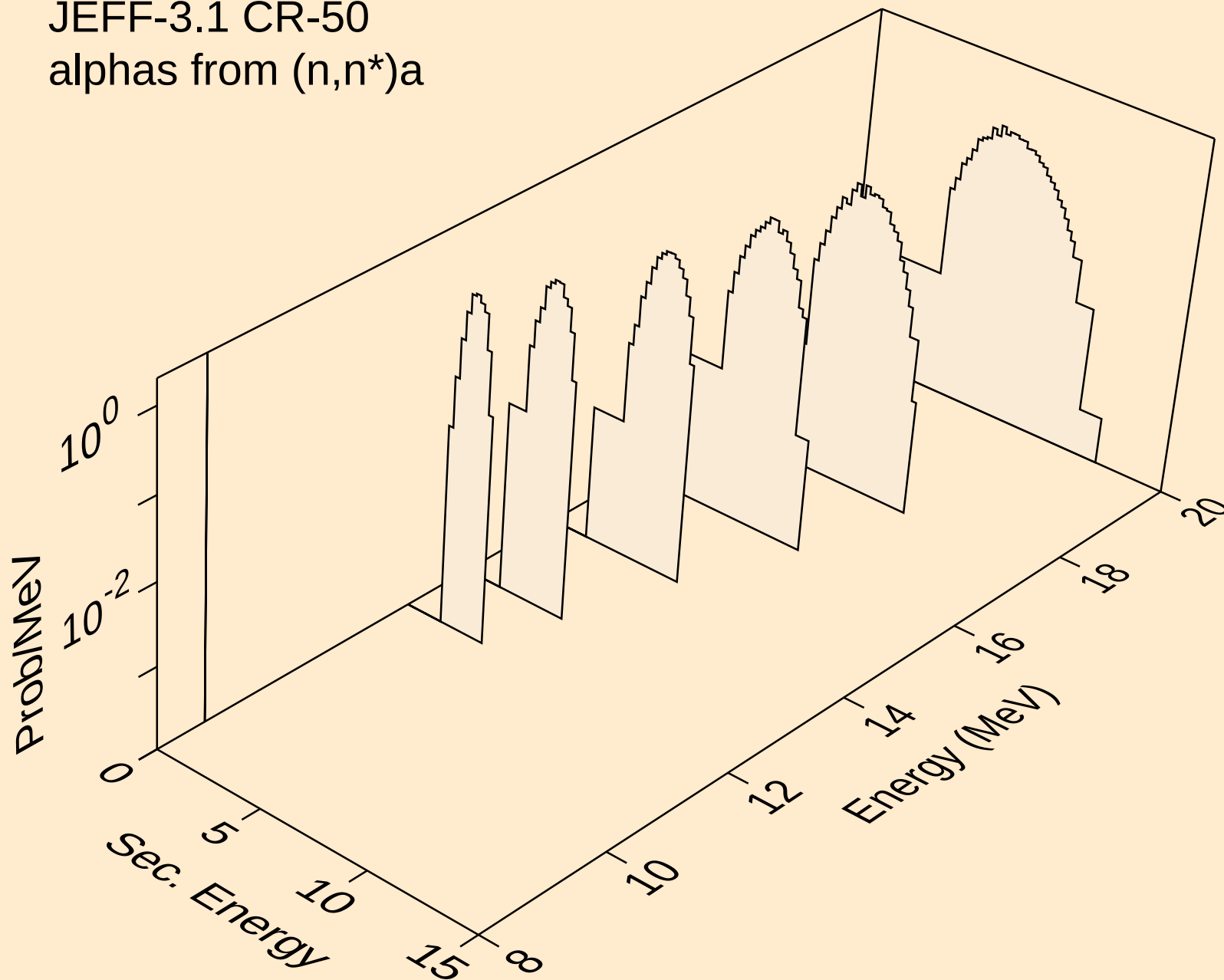
JEFF-3.1 CR-50
protons from (n,n*)p



JEFF-3.1 CR-50
protons from (n,p)



JEFF-3.1 CR-50
alphas from (n,n*)a



JEFF-3.1 CR-50
alphas from (n,a)

