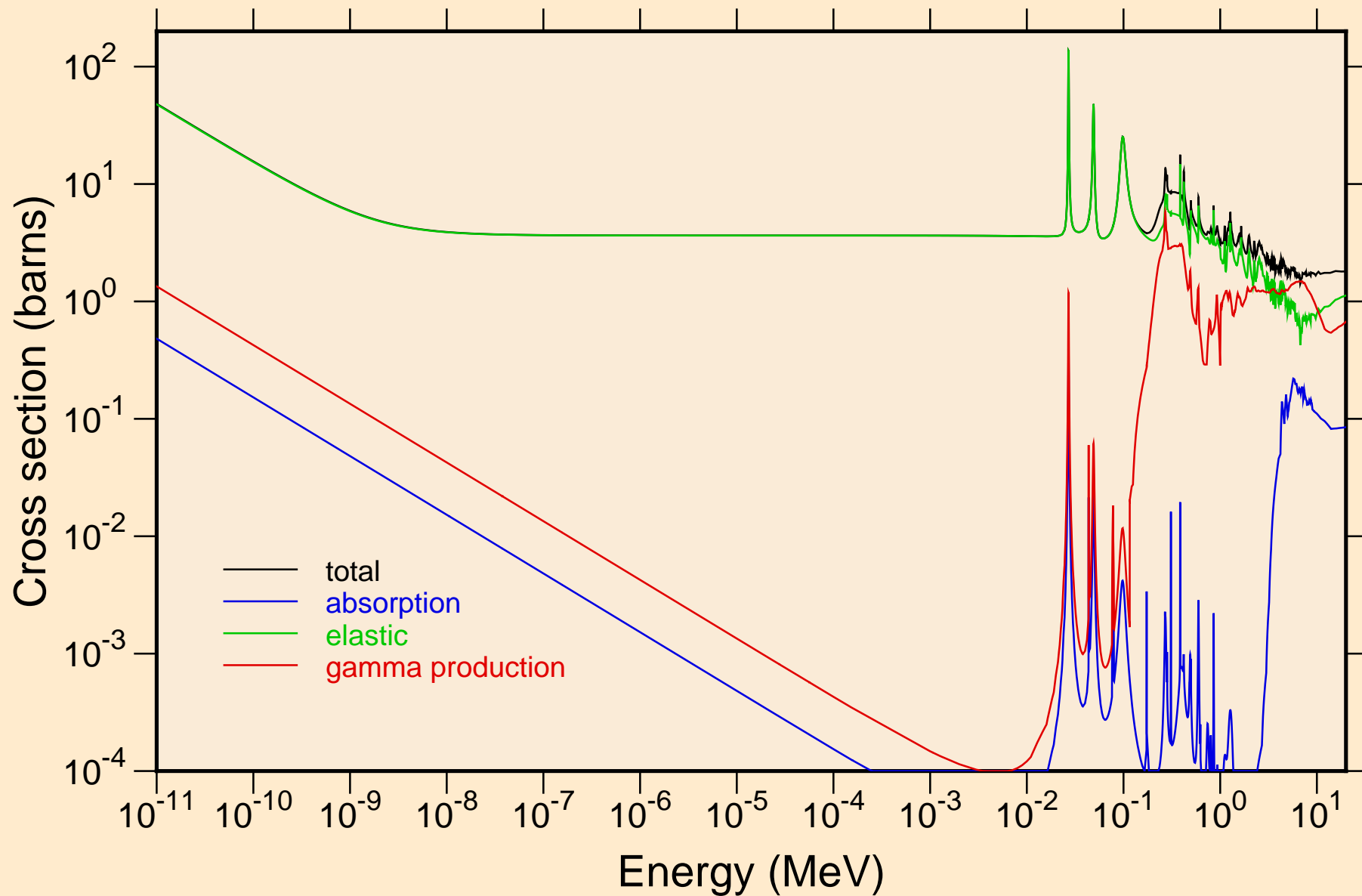
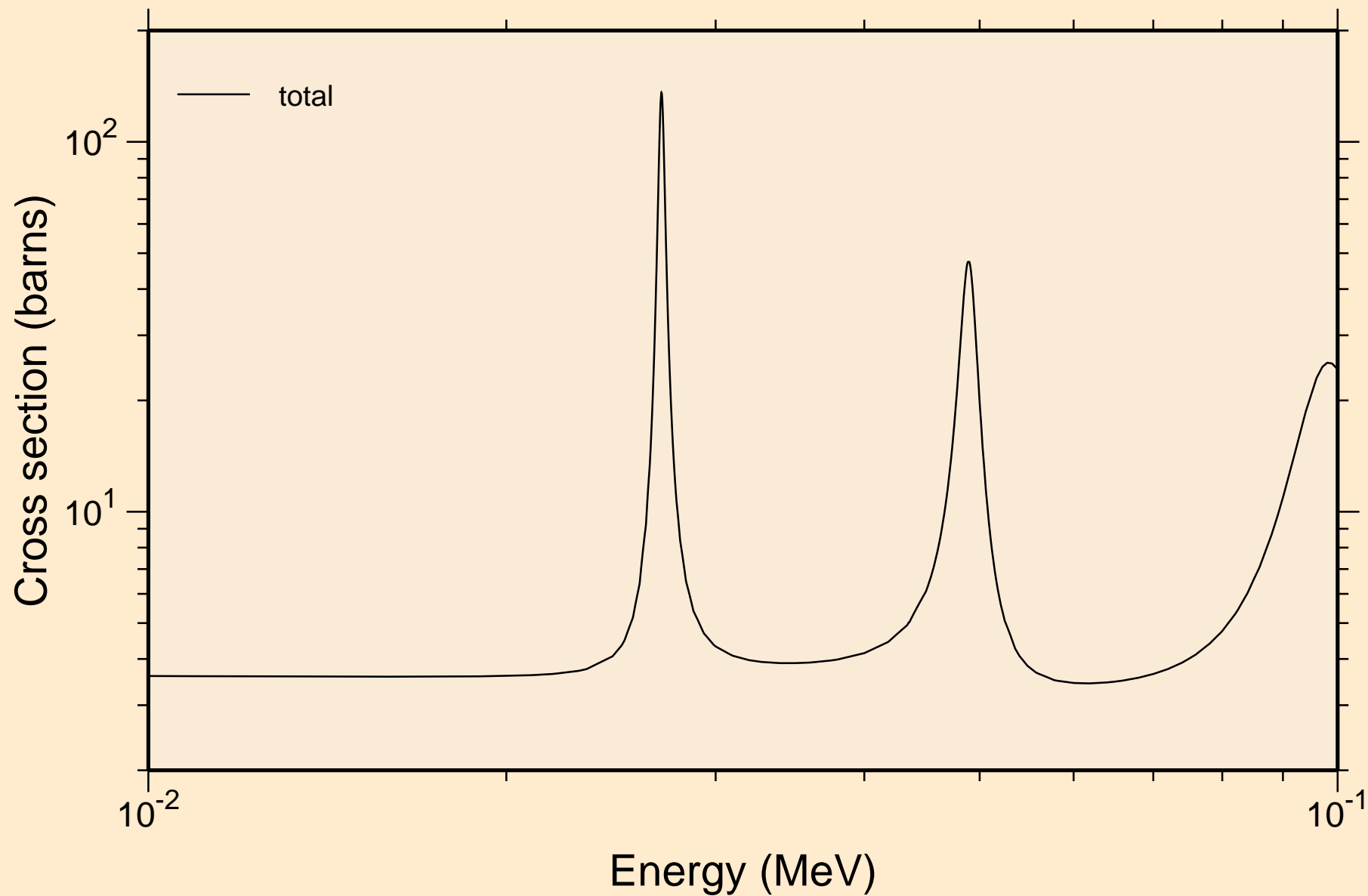


JEFF-3.1 F-19

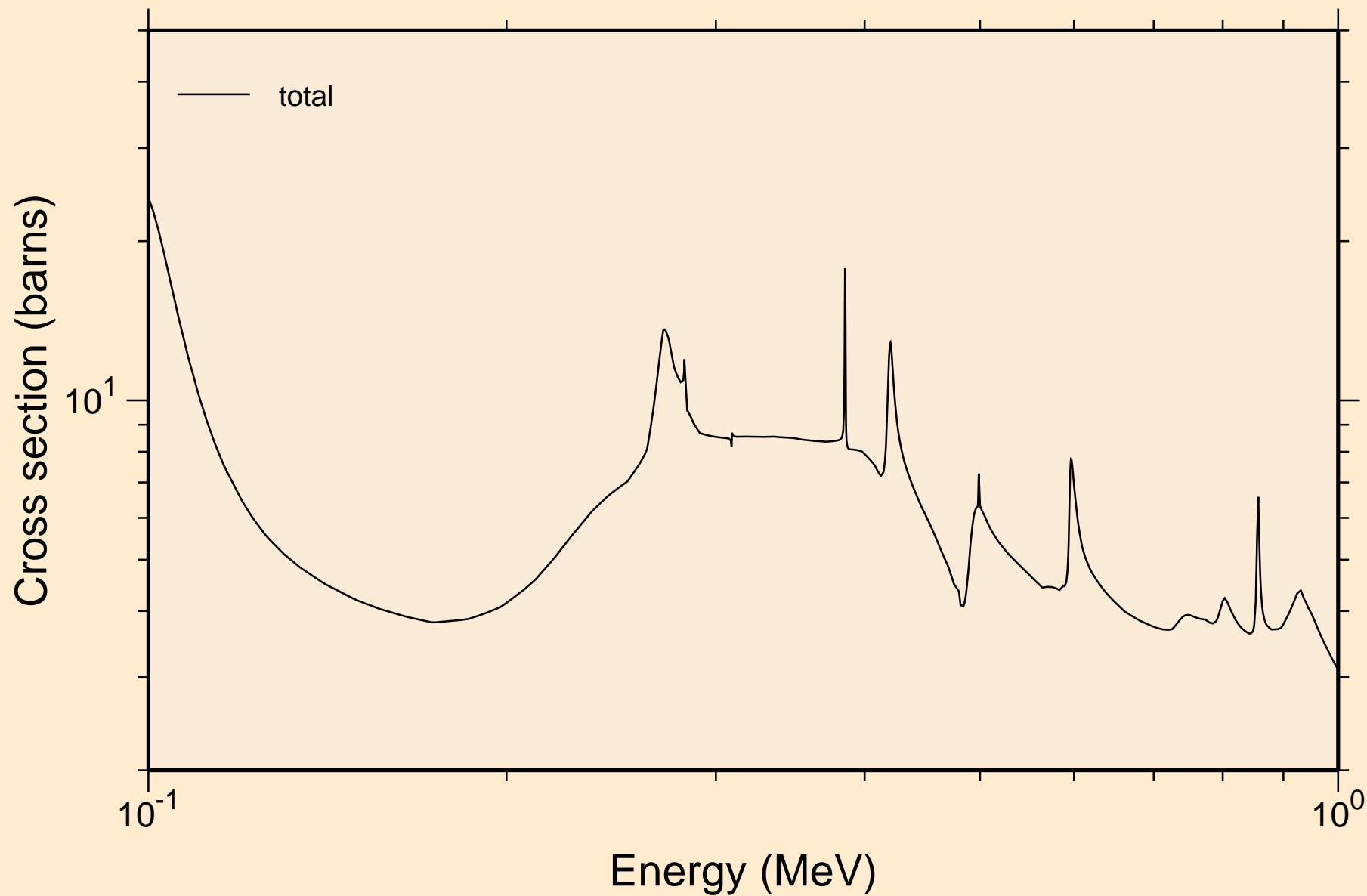
Principal cross sections



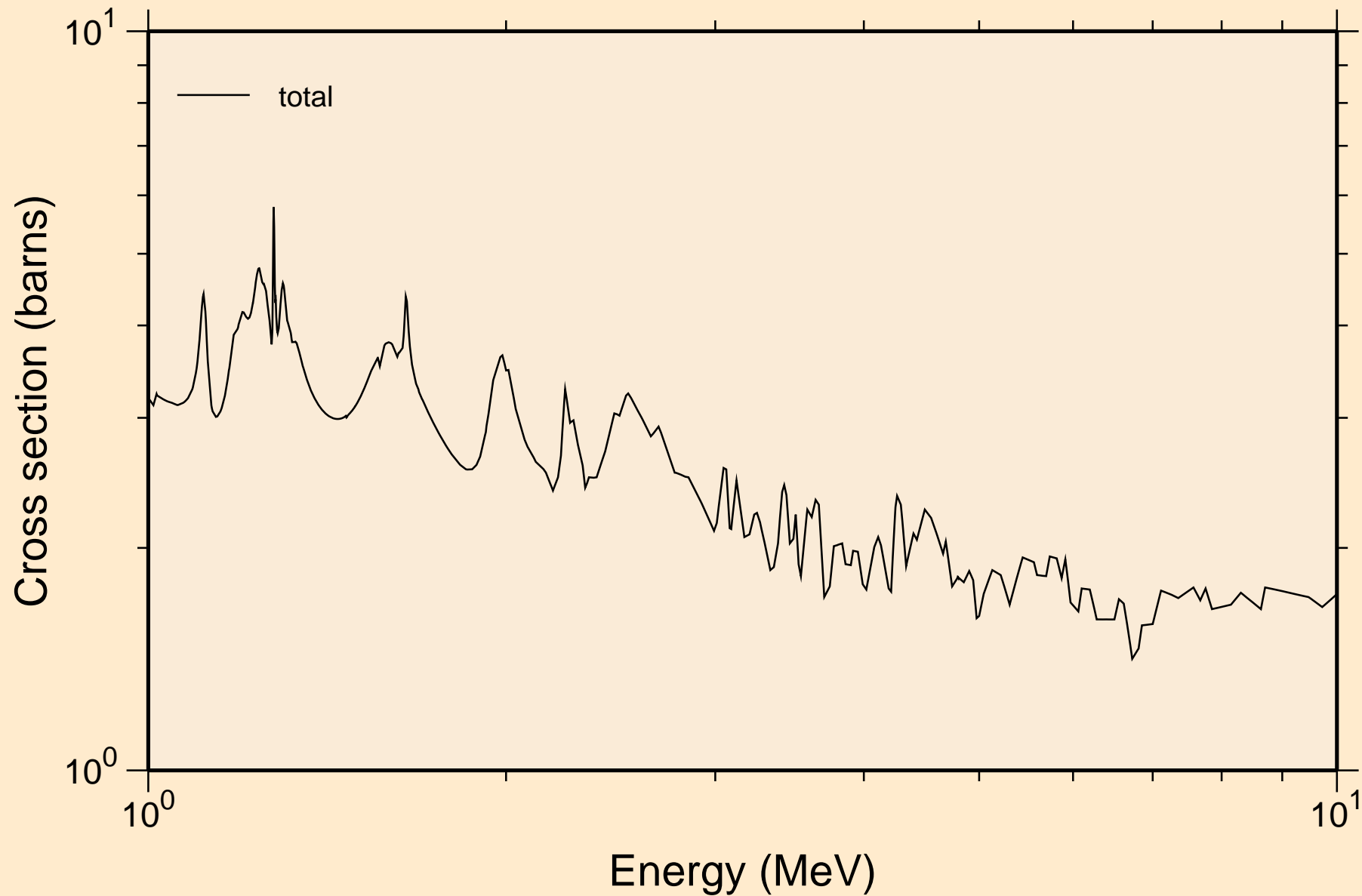
JEFF-3.1 F-19
resonance total cross section



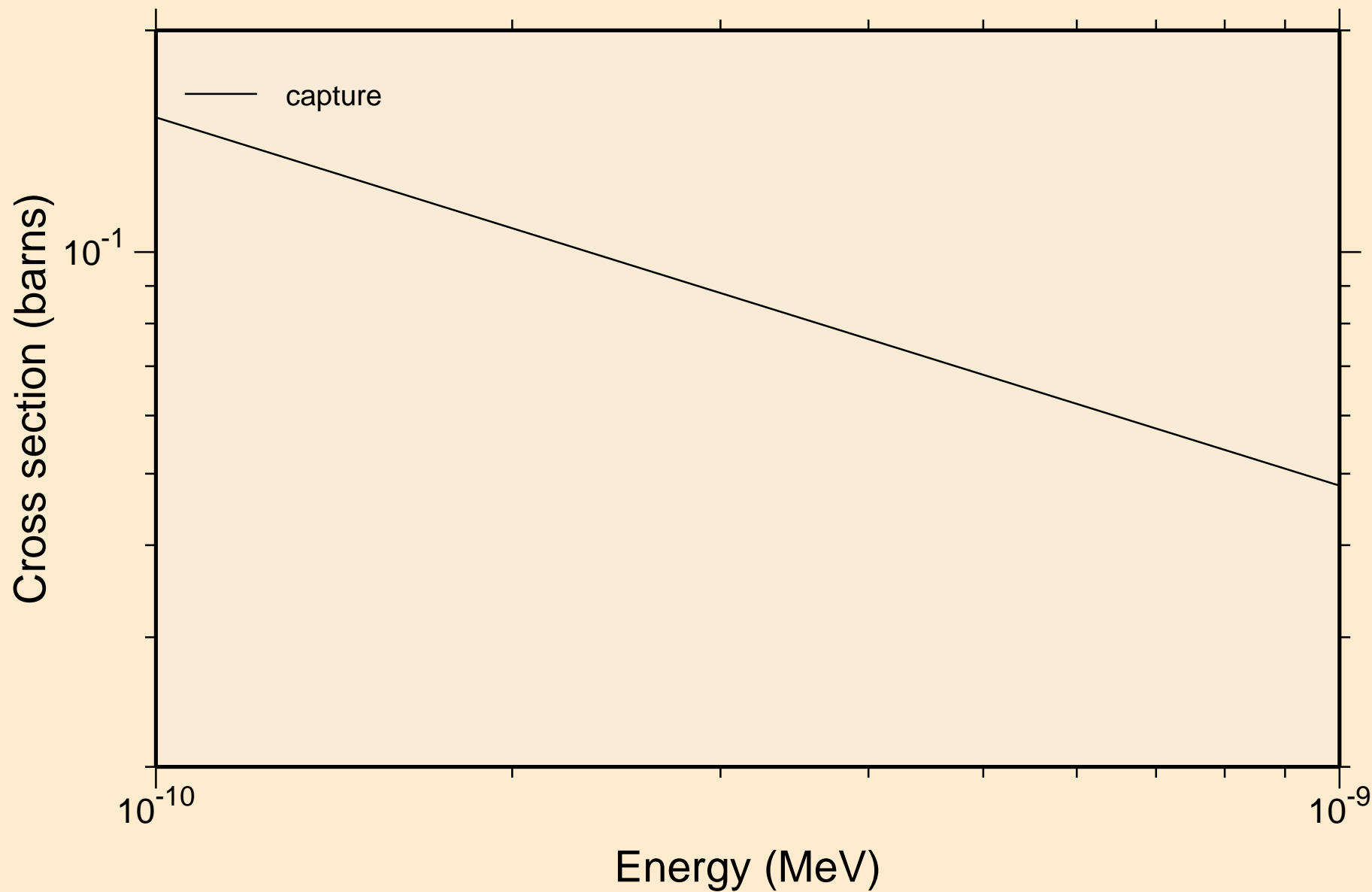
JEFF-3.1 F-19
resonance total cross section



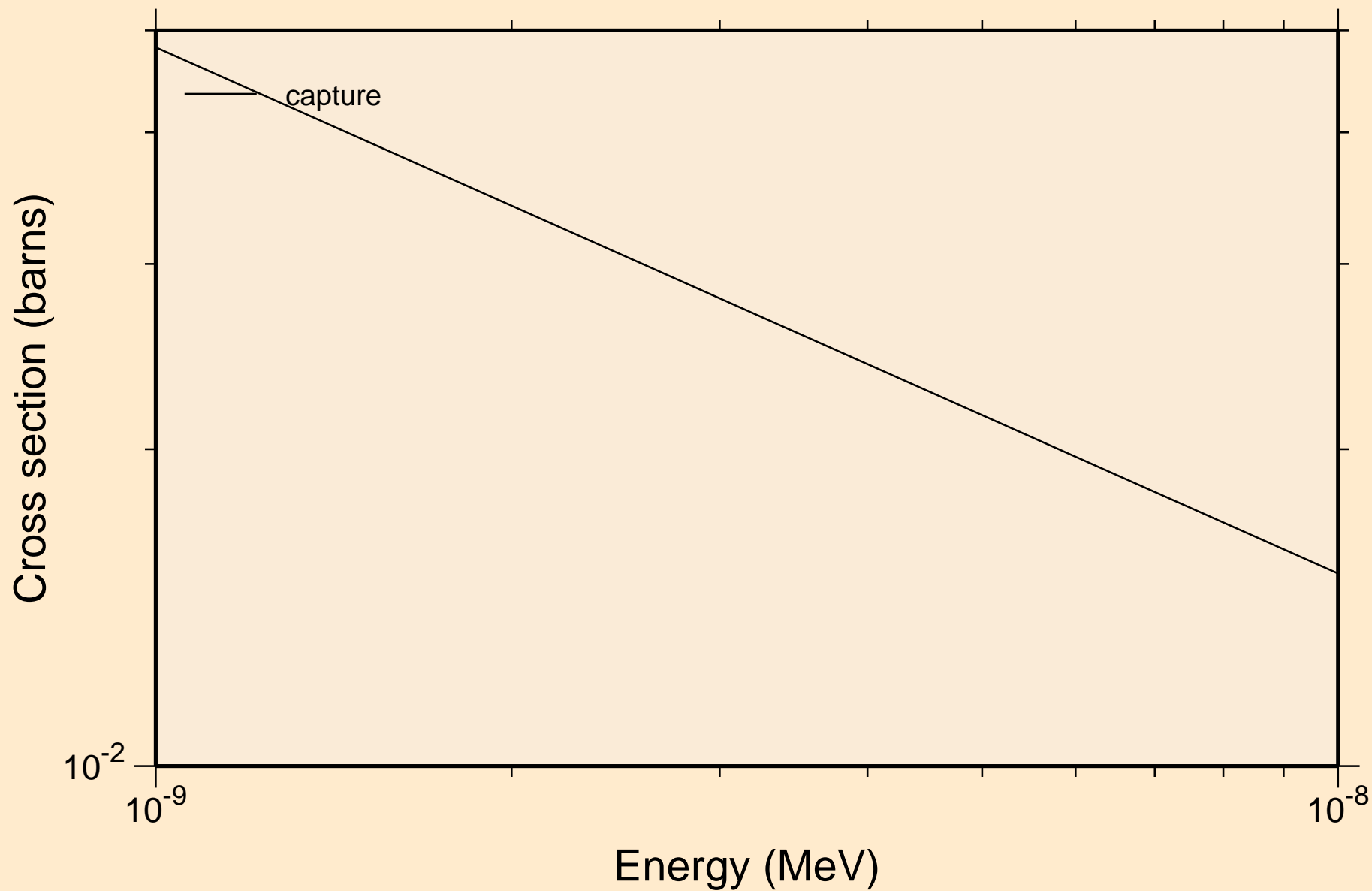
JEFF-3.1 F-19
resonance total cross section



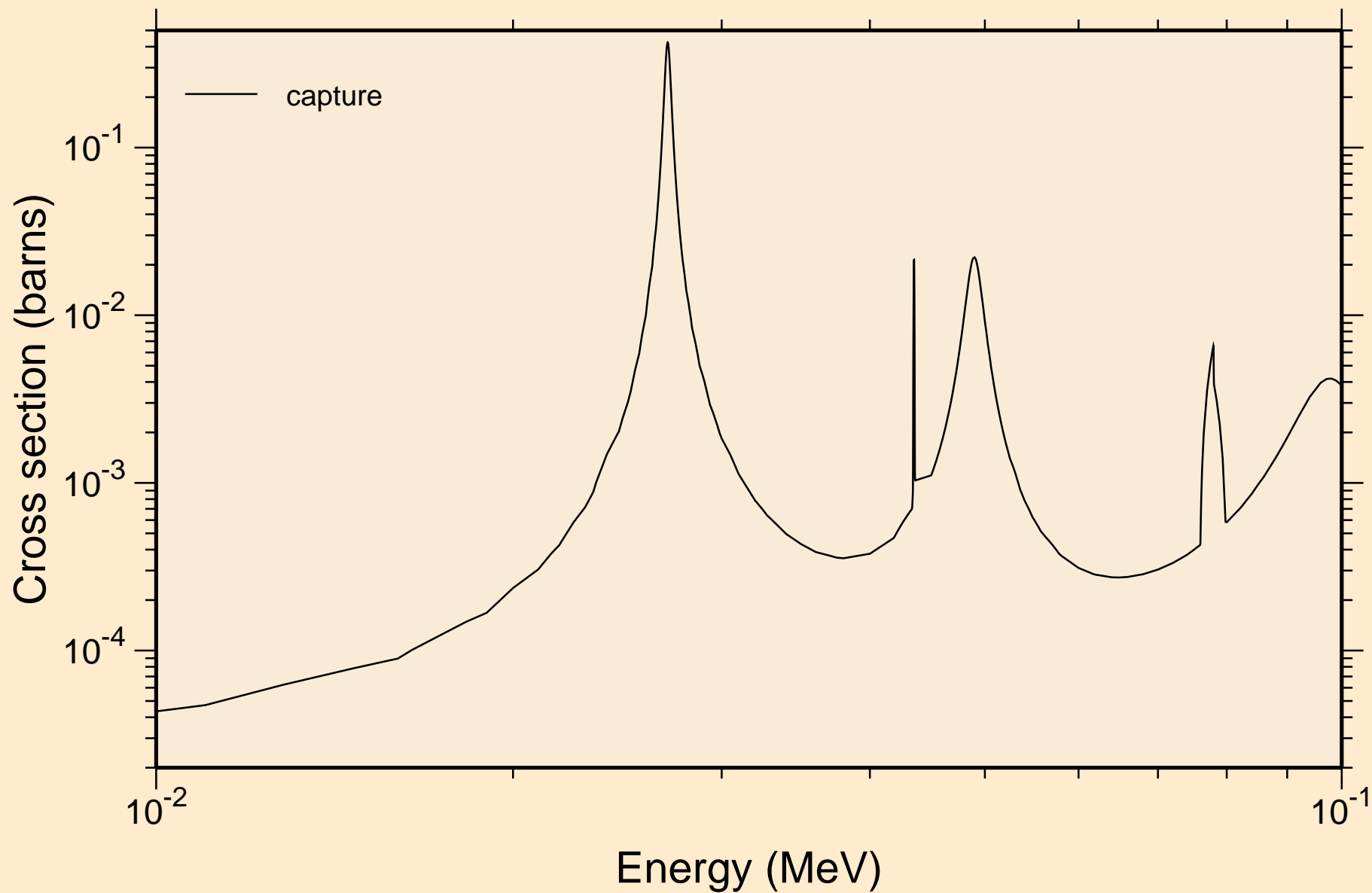
JEFF-3.1 F-19
resonance absorption cross sections



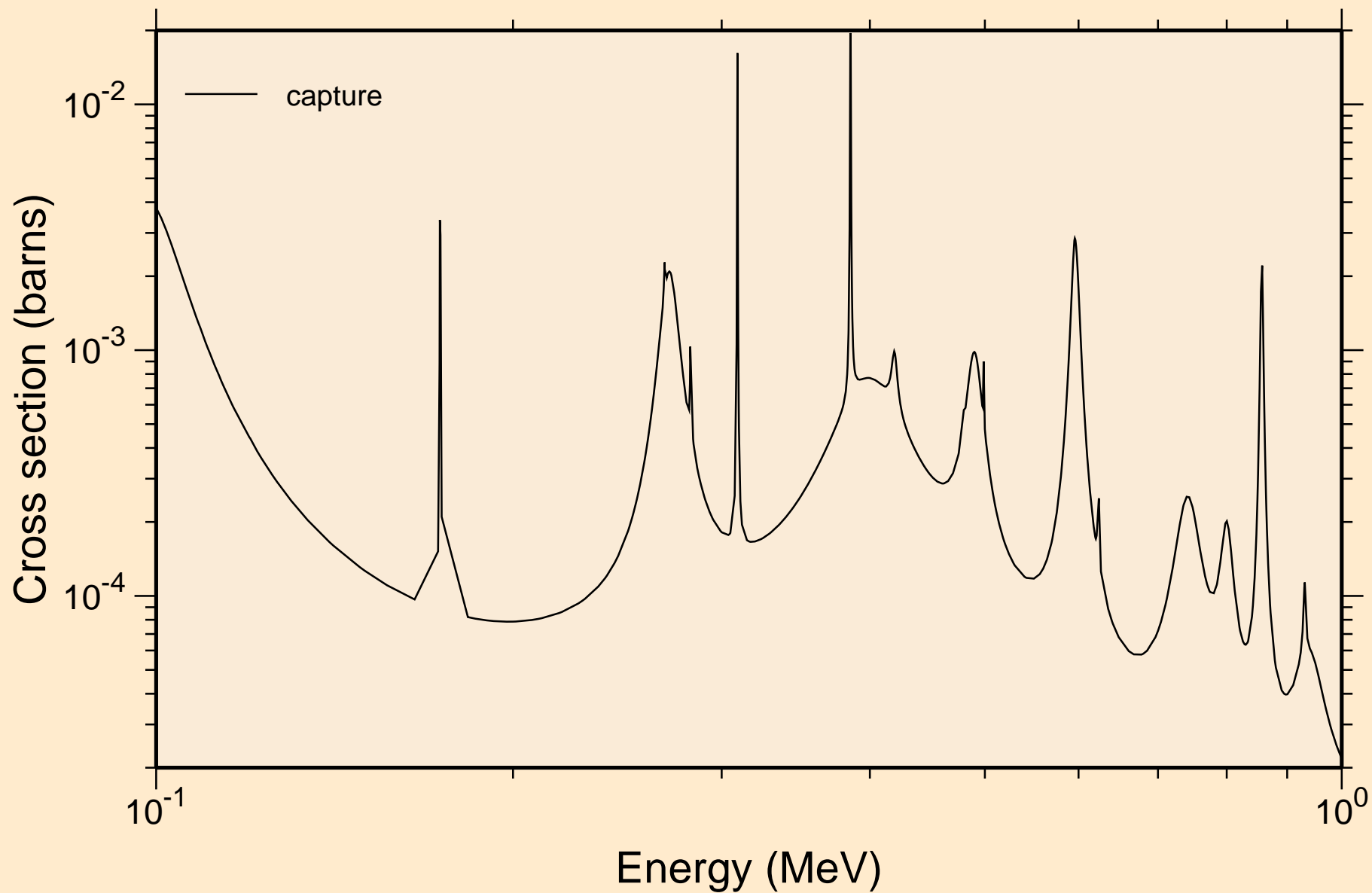
JEFF-3.1 F-19
resonance absorption cross sections



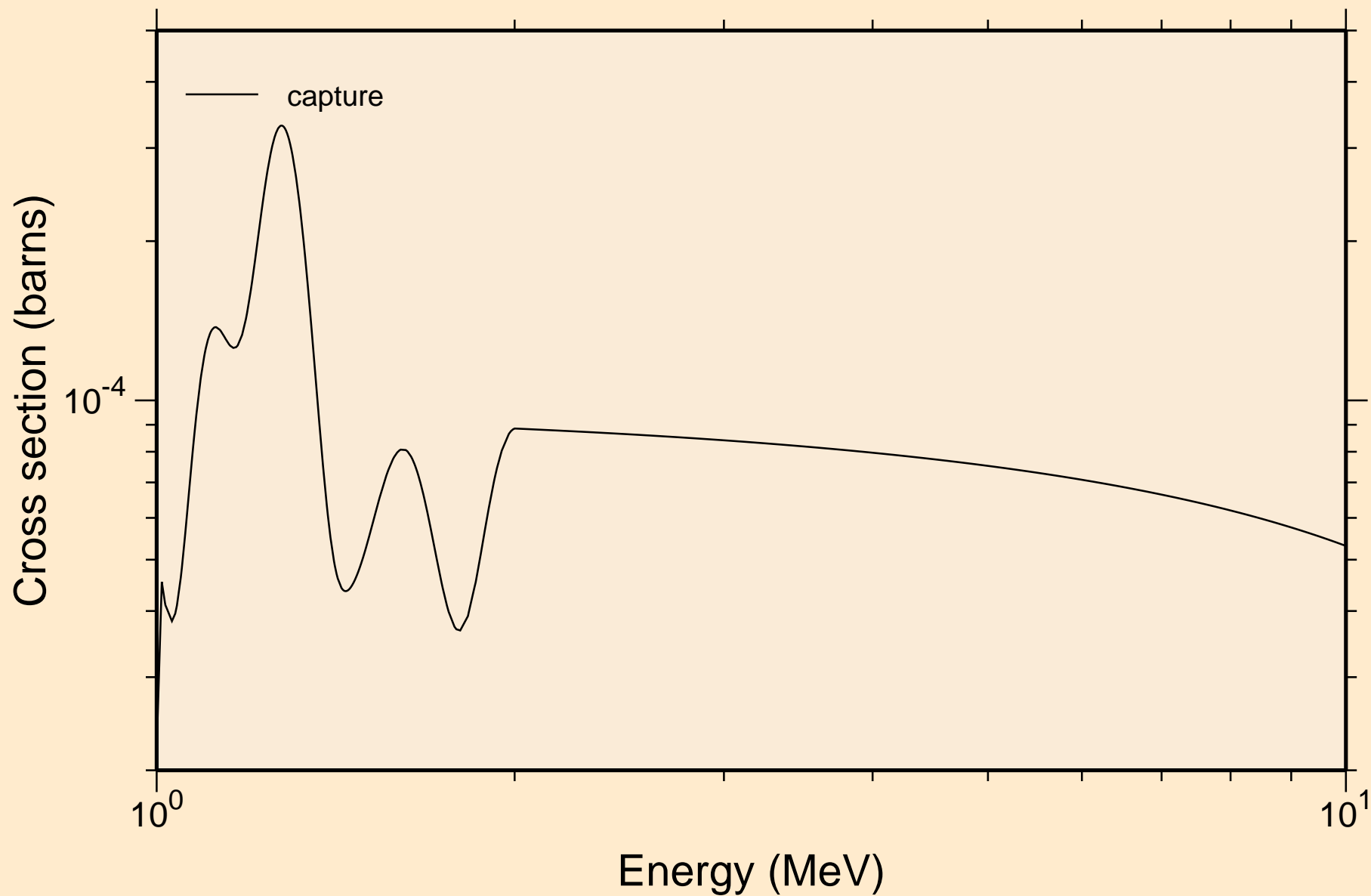
JEFF-3.1 F-19
resonance absorption cross sections



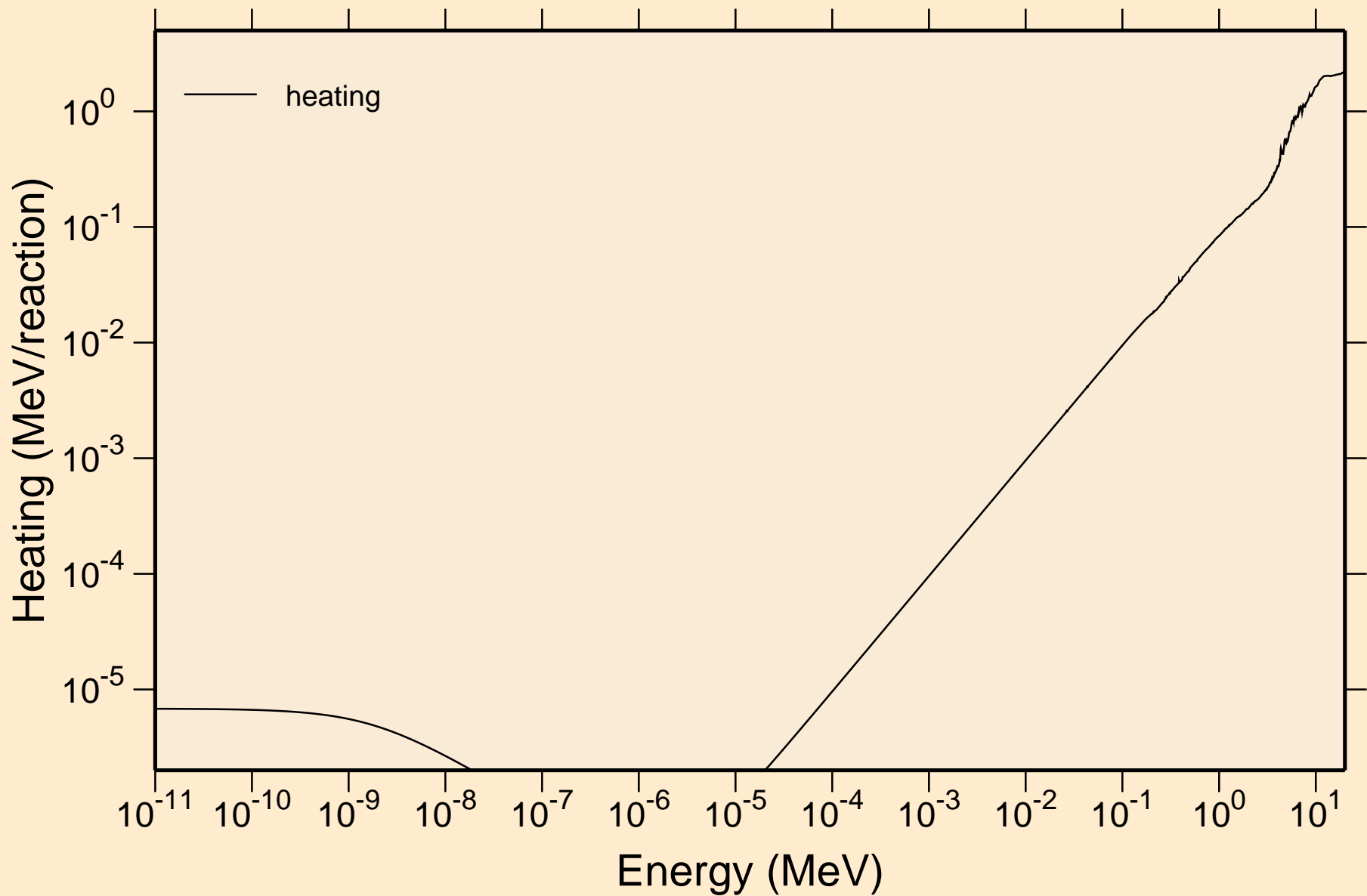
JEFF-3.1 F-19
resonance absorption cross sections



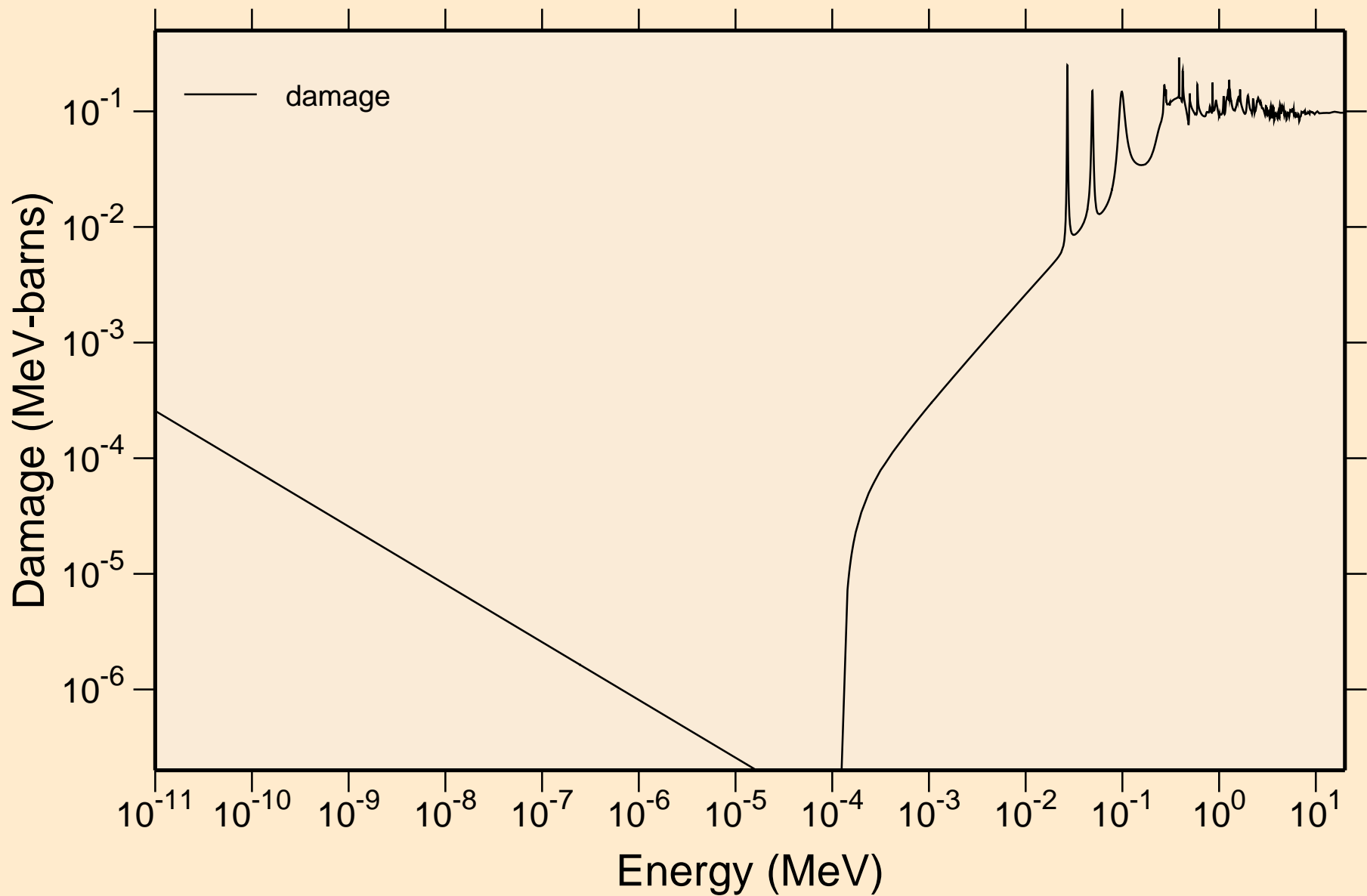
JEFF-3.1 F-19
resonance absorption cross sections



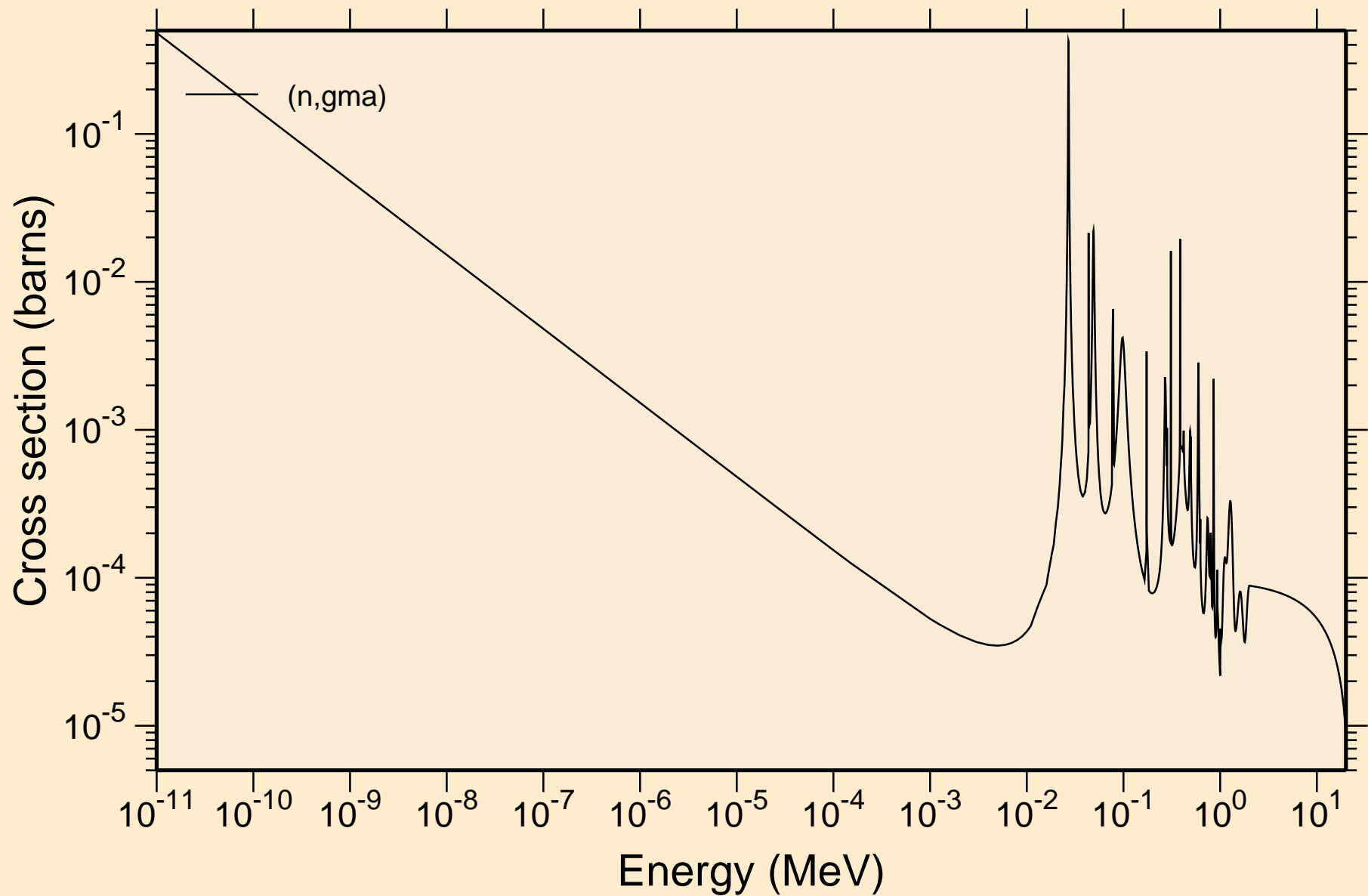
JEFF-3.1 F-19 Heating



JEFF-3.1 F-19 Damage

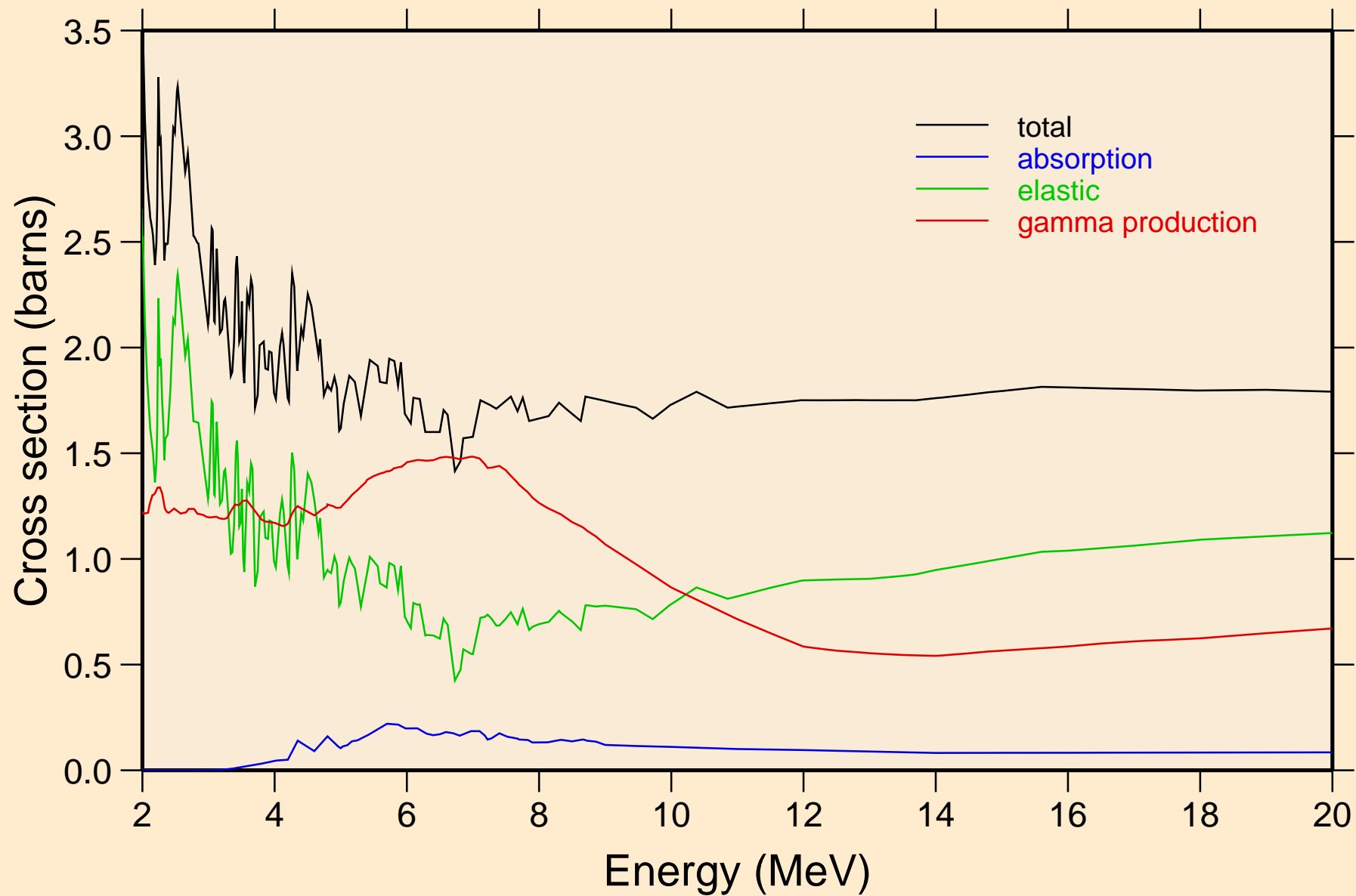


JEFF-3.1 F-19
Non-threshold reactions

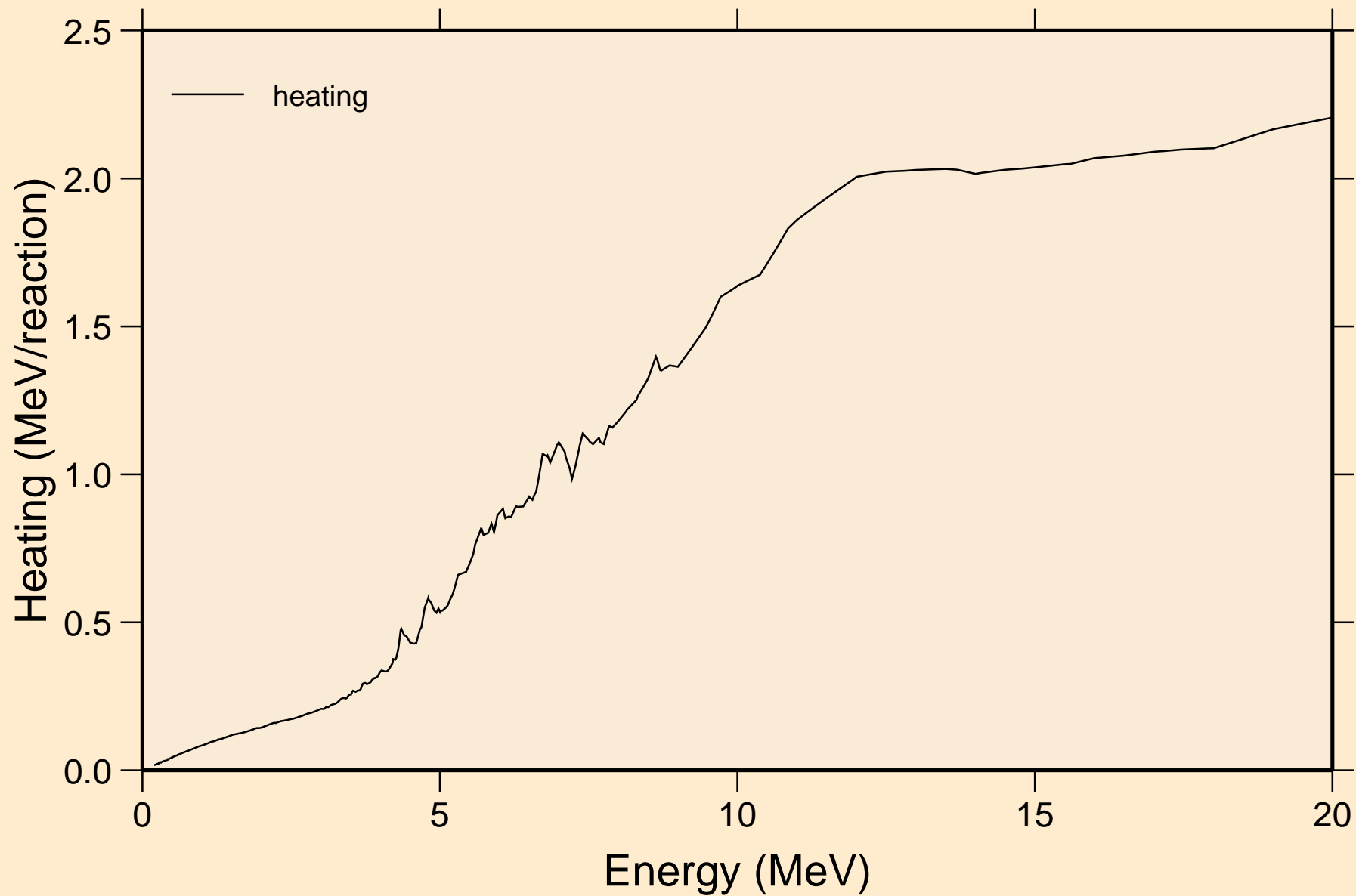


JEFF-3.1 F-19

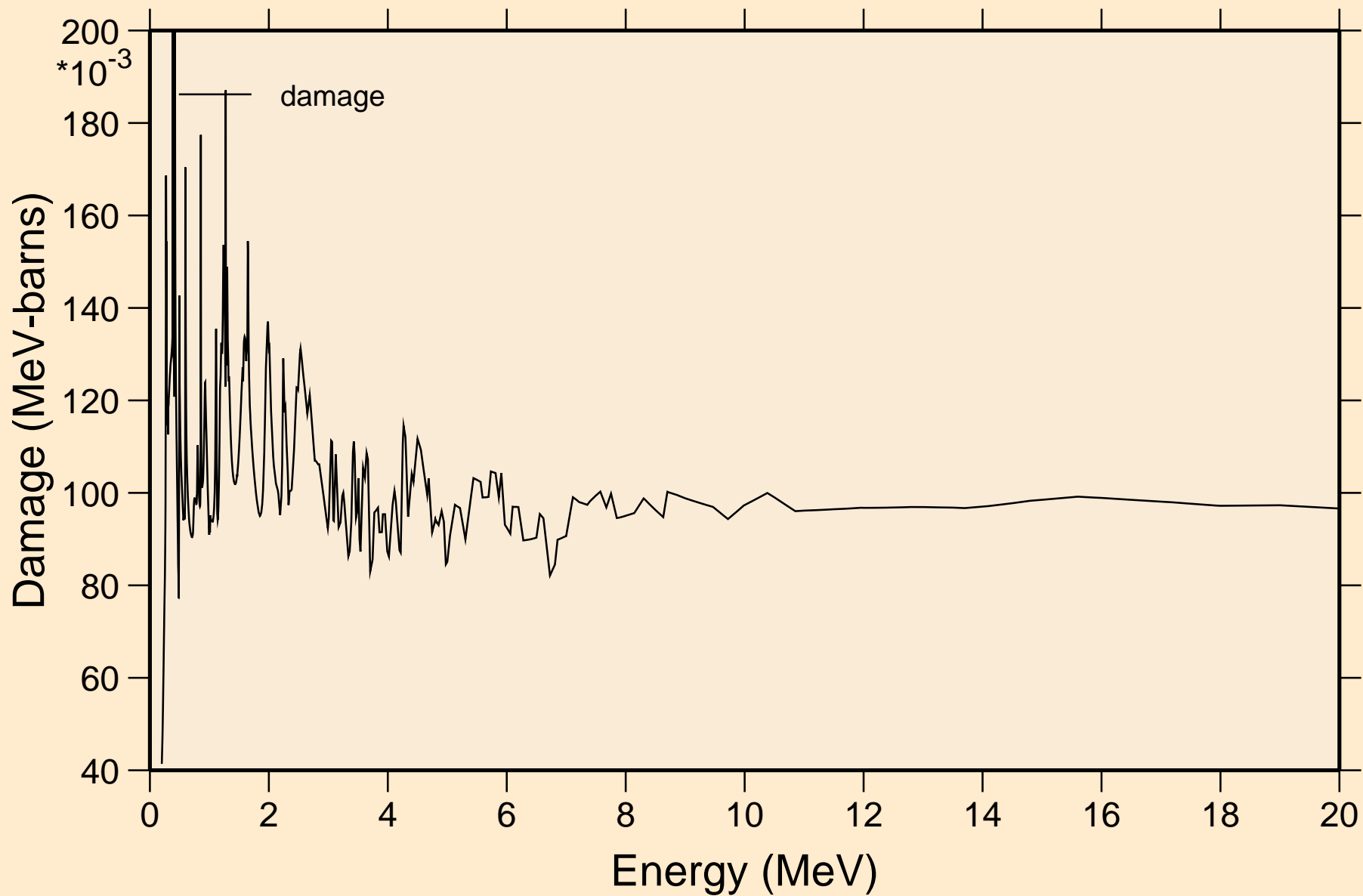
Principal cross sections



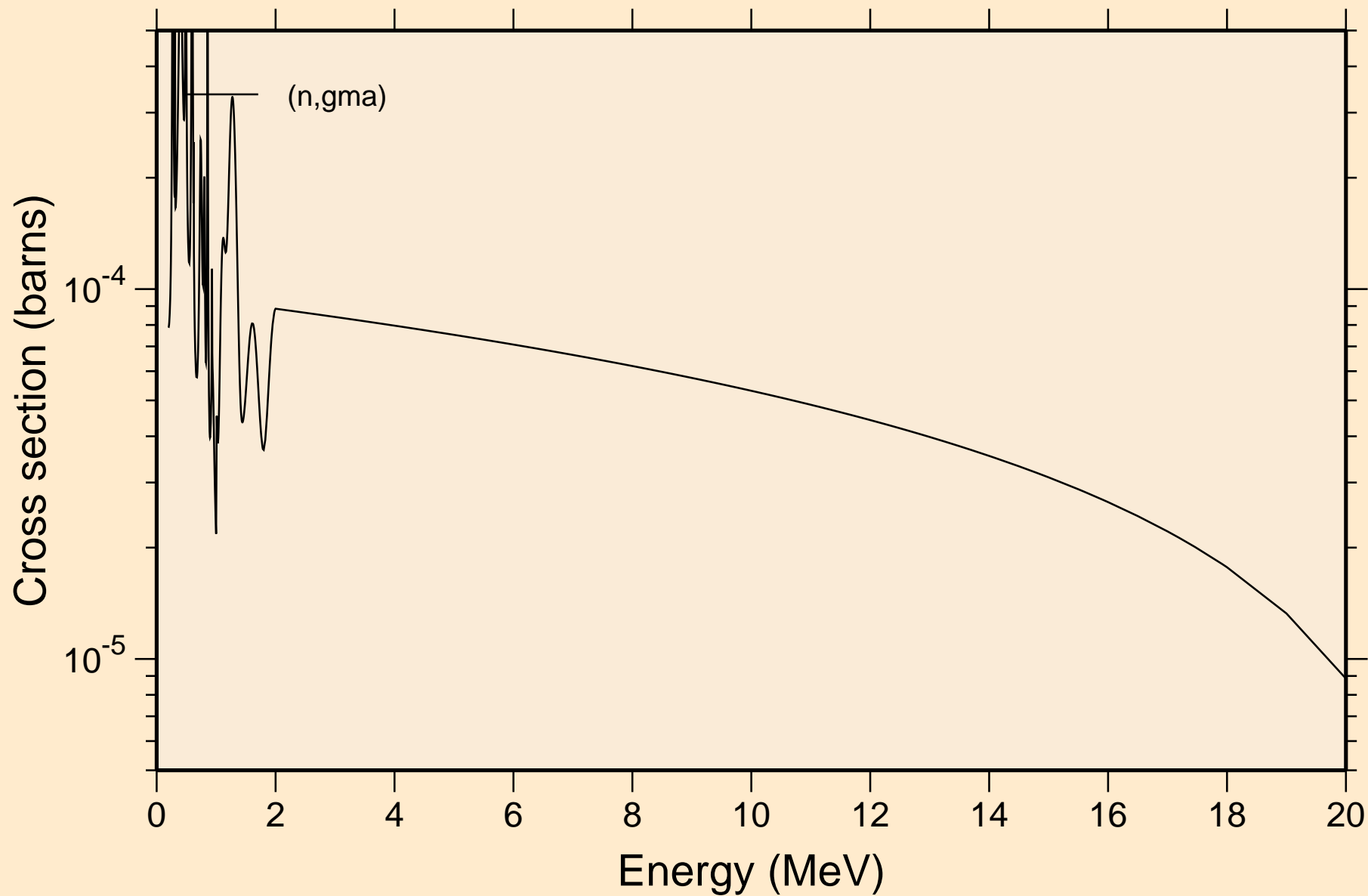
JEFF-3.1 F-19 Heating



JEFF-3.1 F-19 Damage

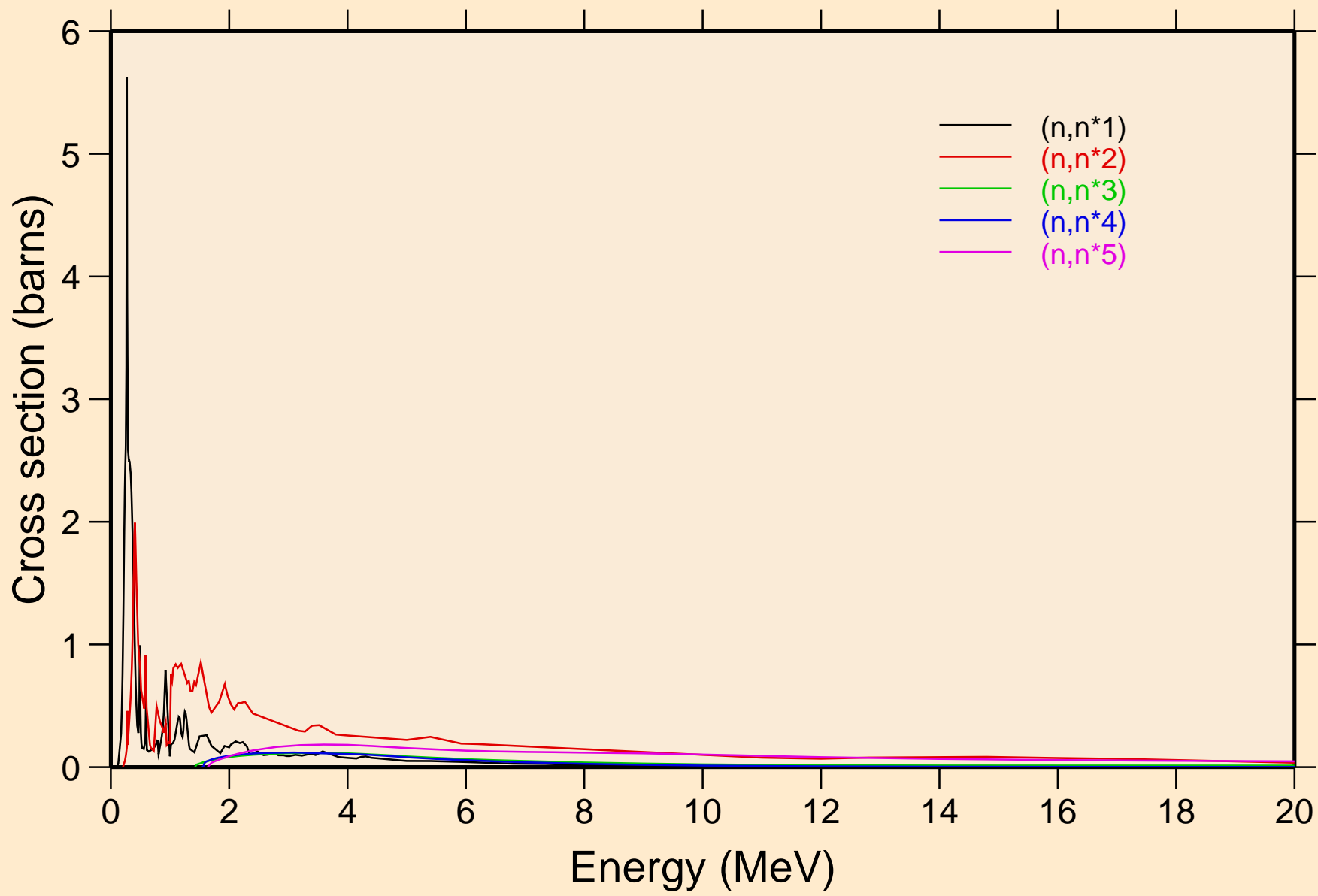


JEFF-3.1 F-19
Non-threshold reactions

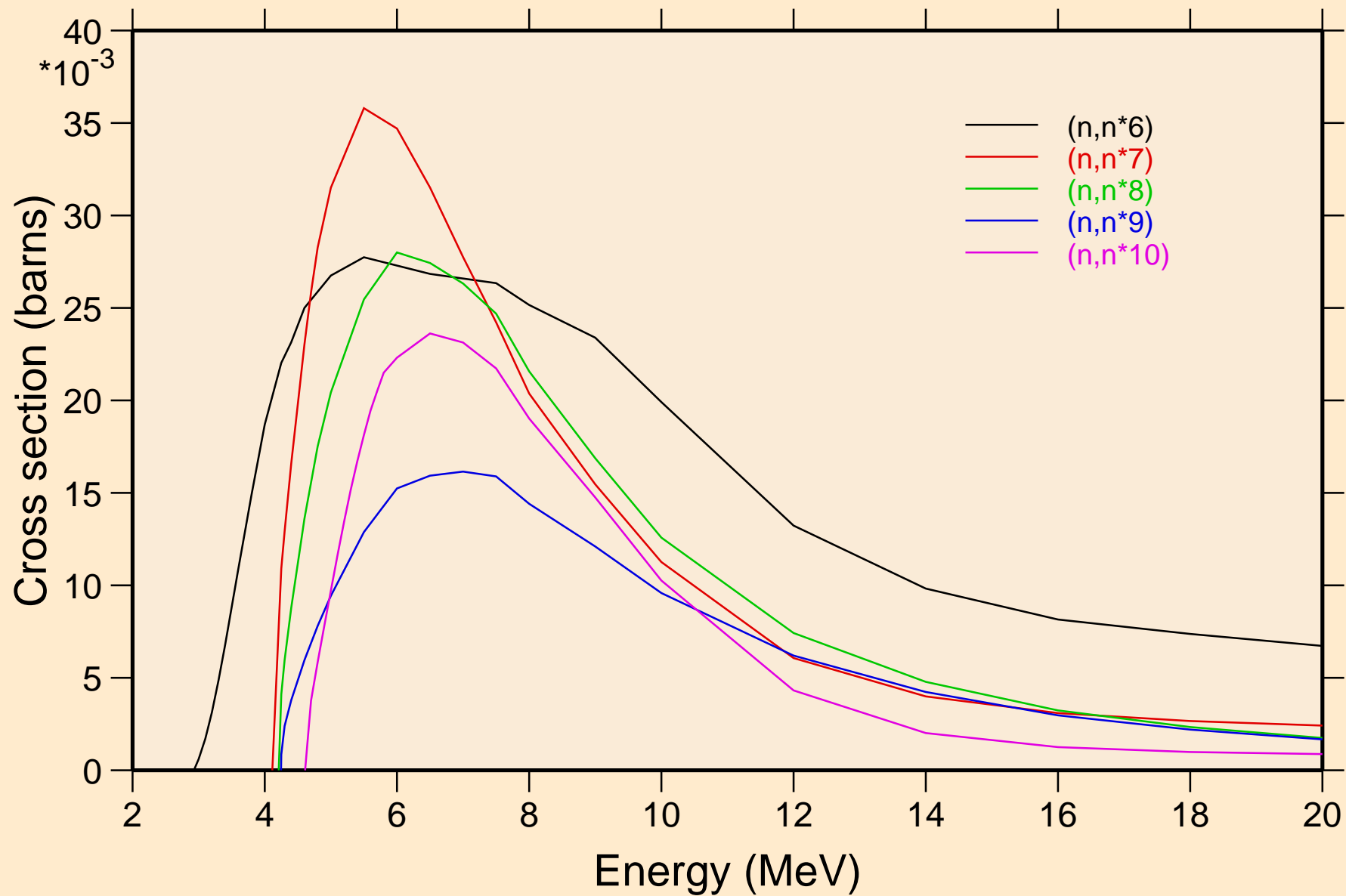


JEFF-3.1 F-19

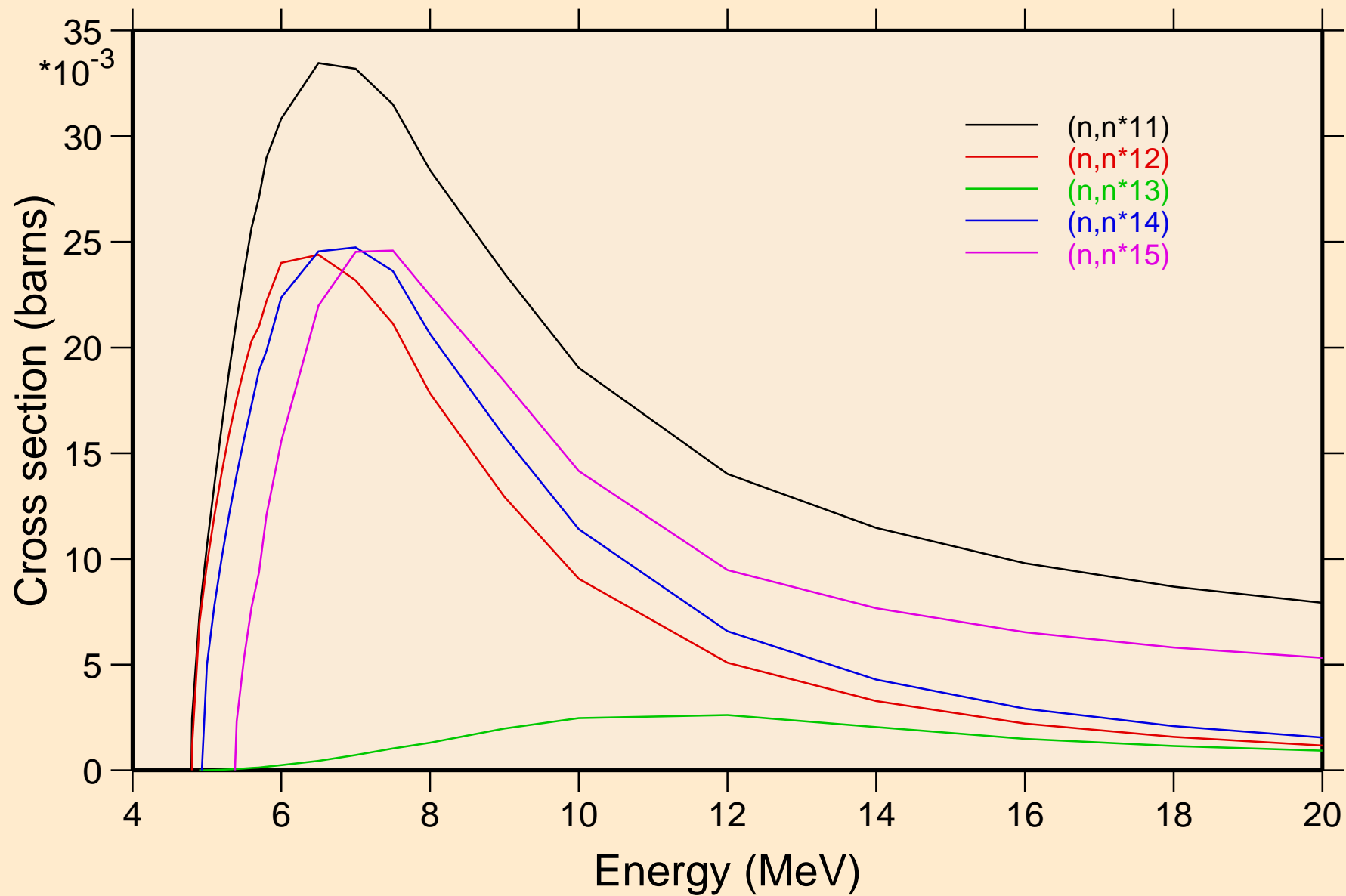
Inelastic levels



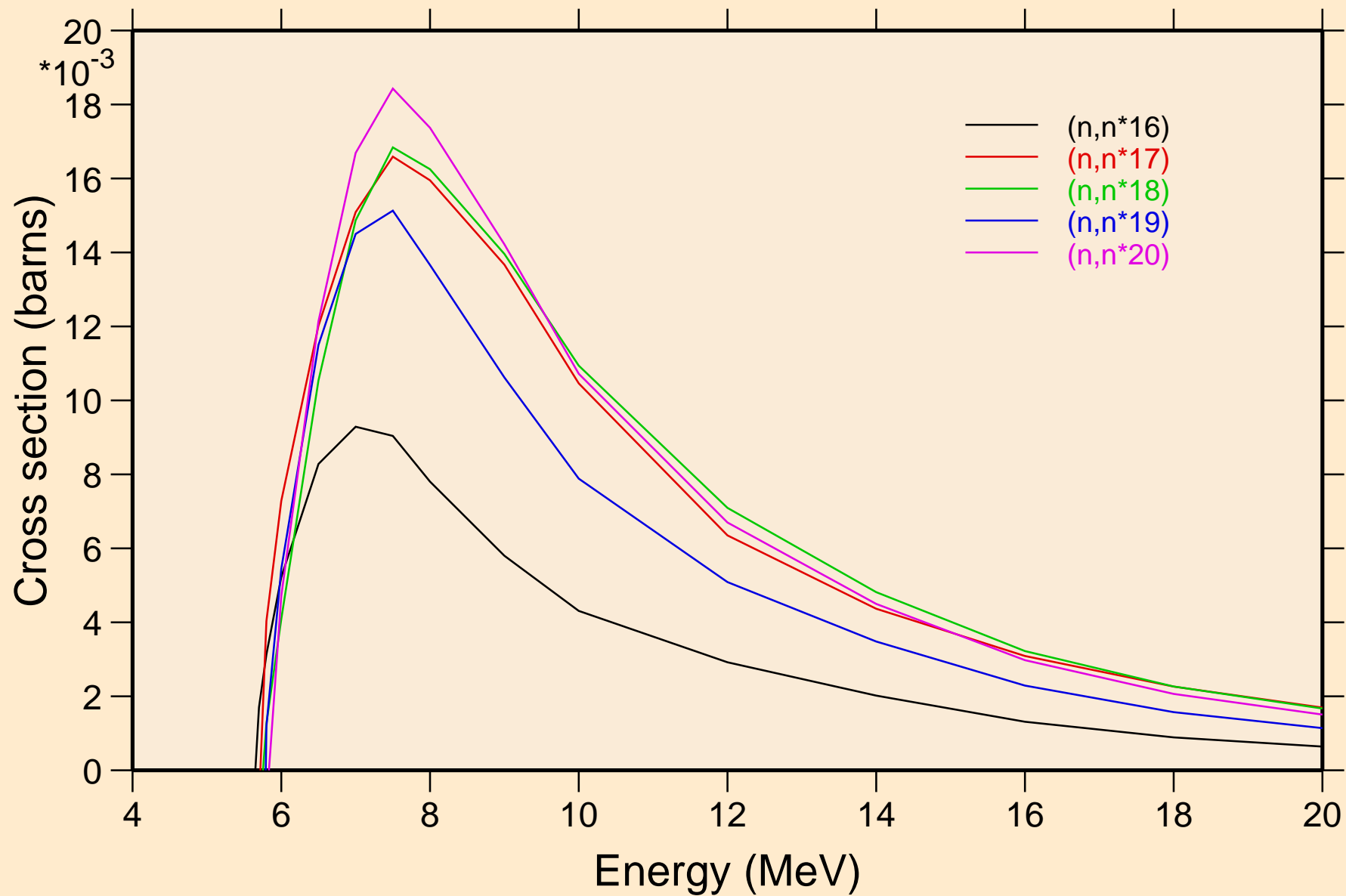
JEFF-3.1 F-19 Inelastic levels



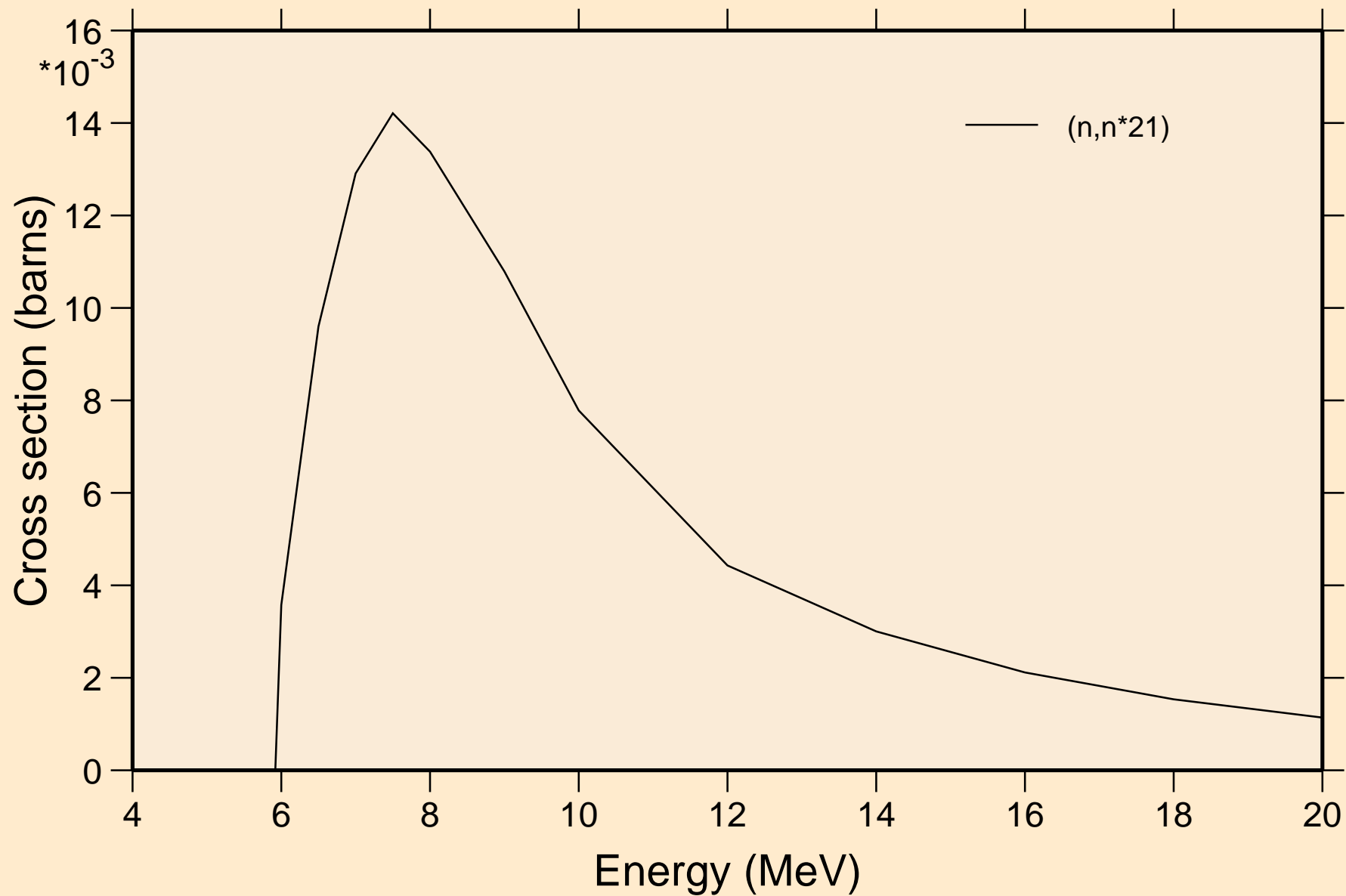
JEFF-3.1 F-19 Inelastic levels



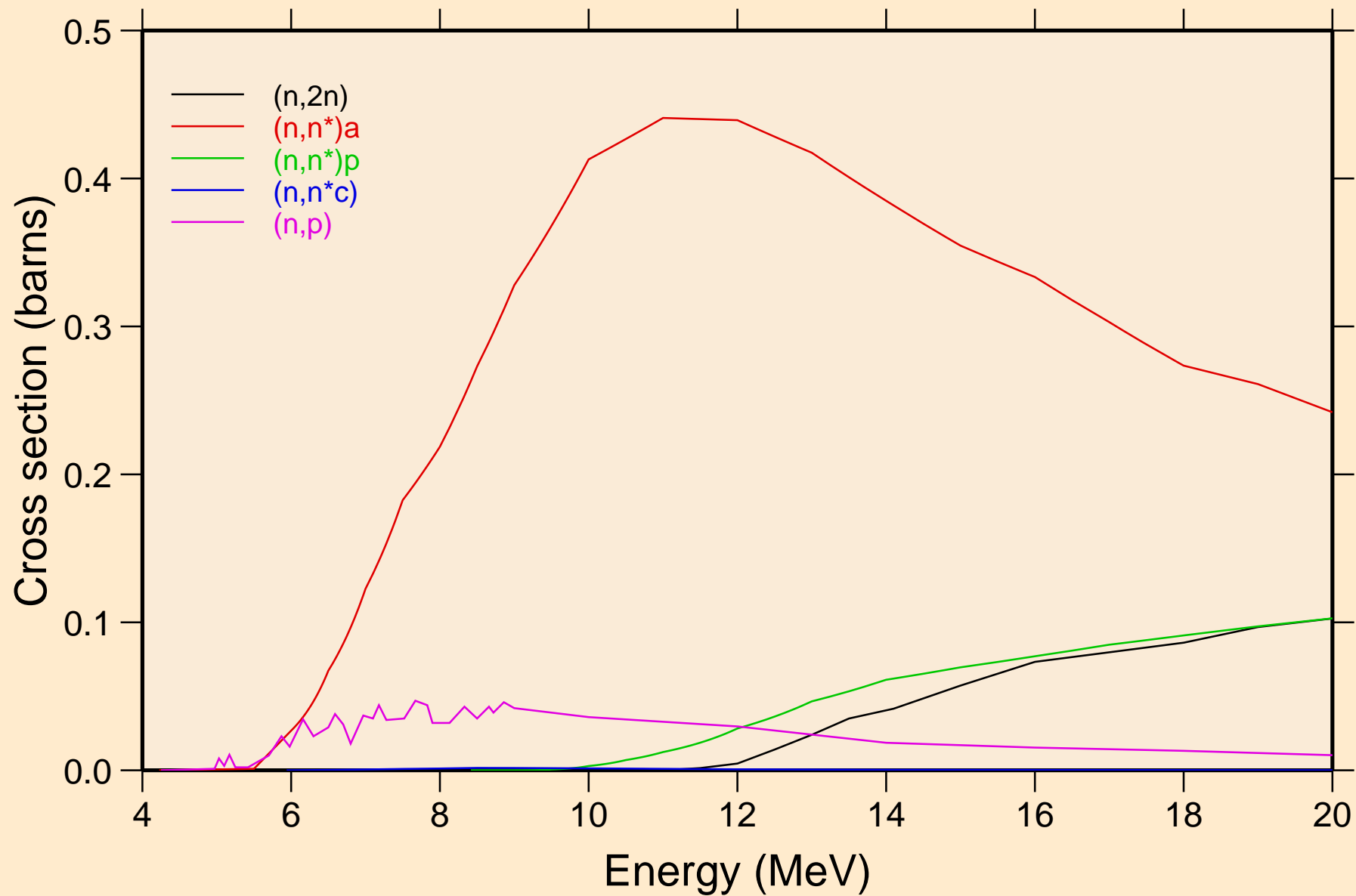
JEFF-3.1 F-19 Inelastic levels



JEFF-3.1 F-19
Inelastic levels

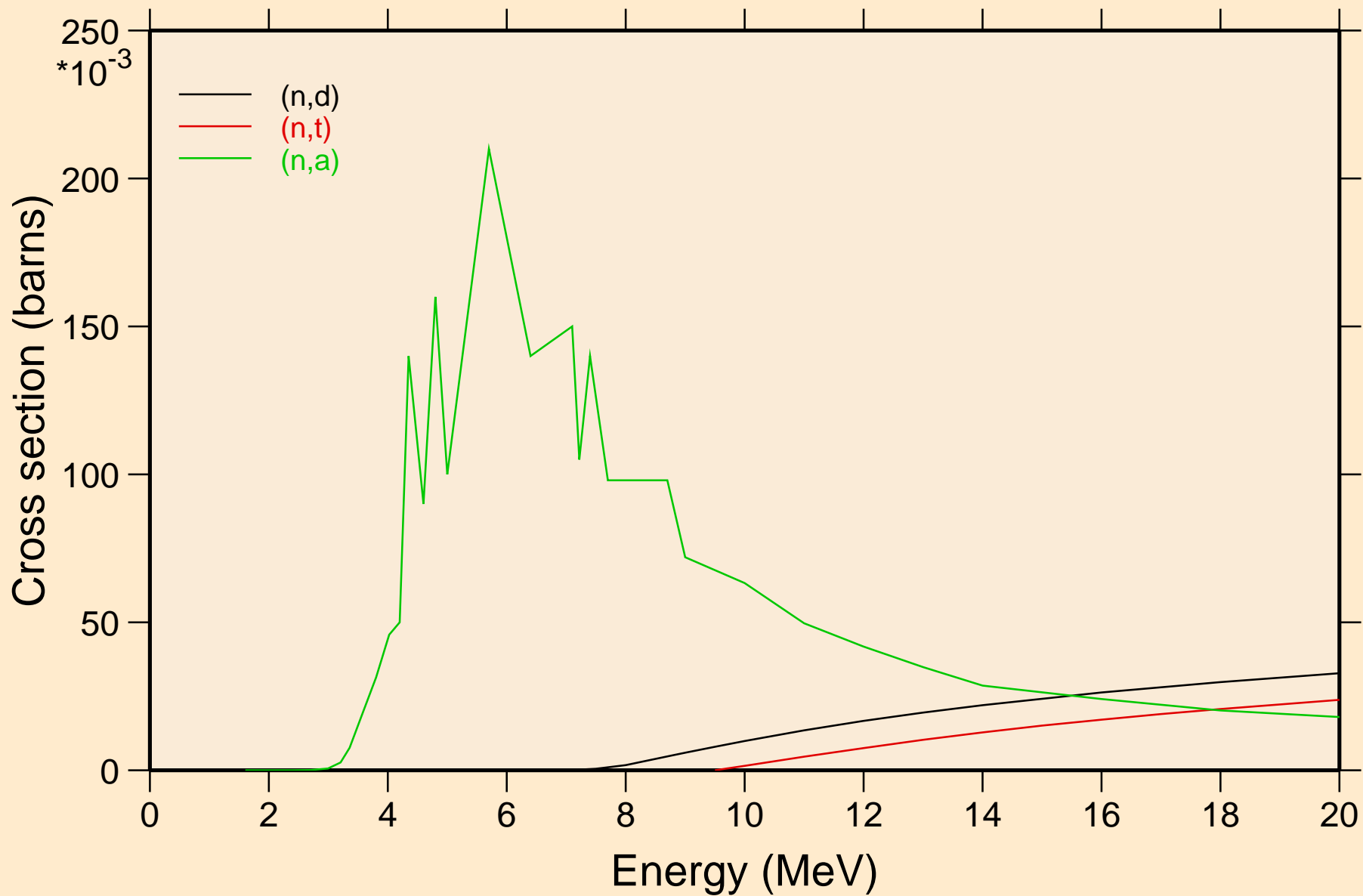


JEFF-3.1 F-19 Threshold reactions



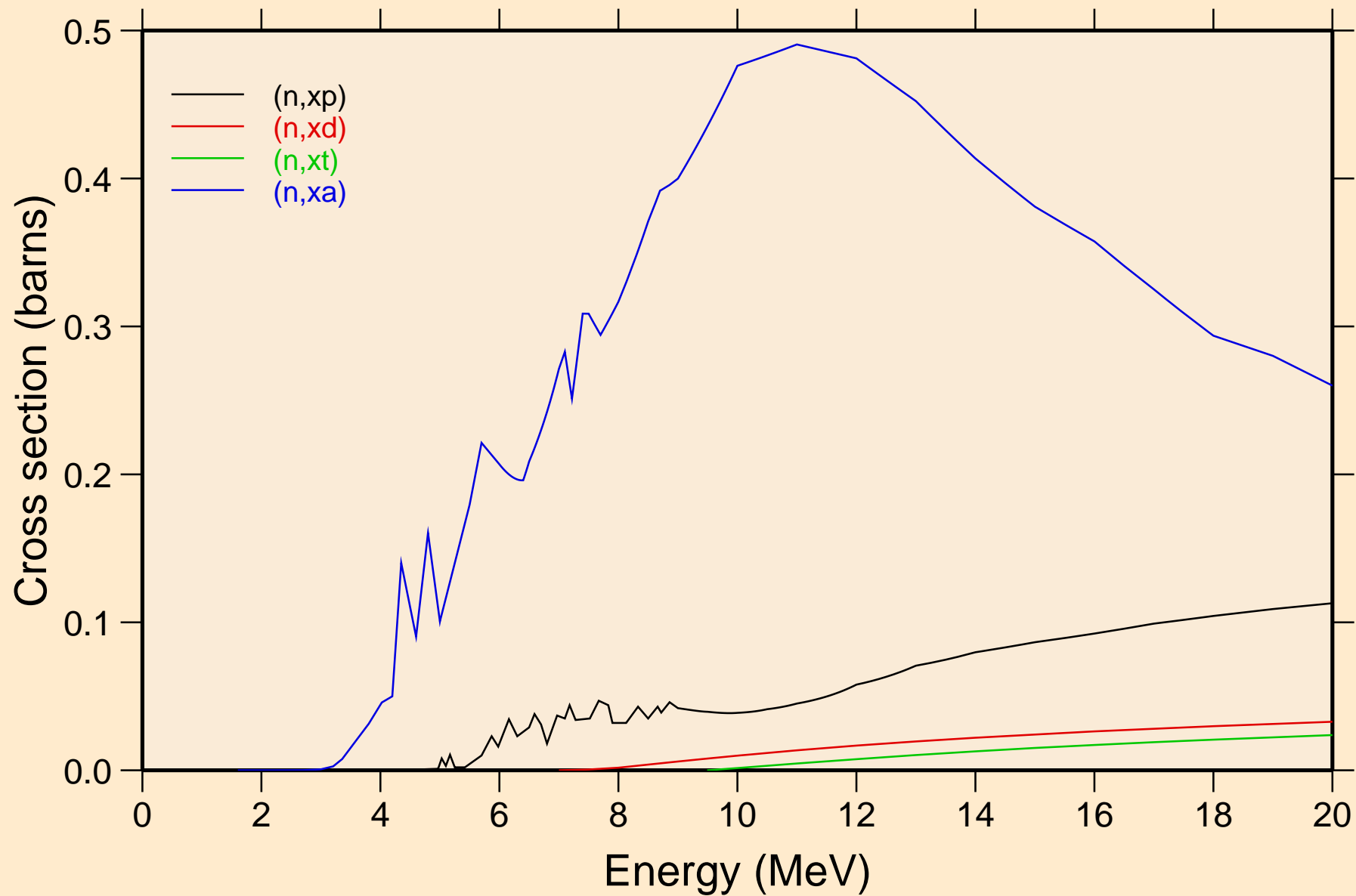
JEFF-3.1 F-19

Threshold reactions

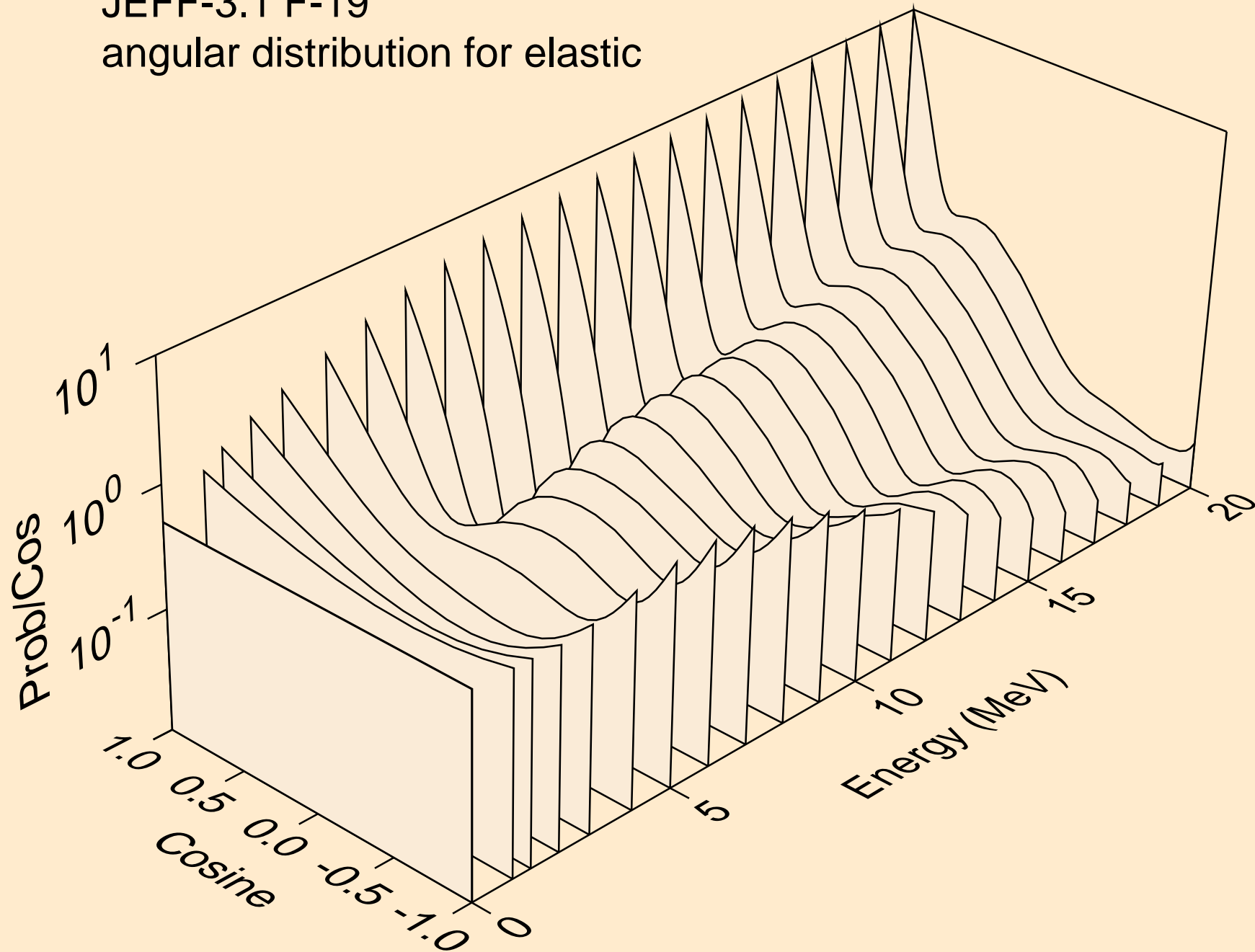


JEFF-3.1 F-19

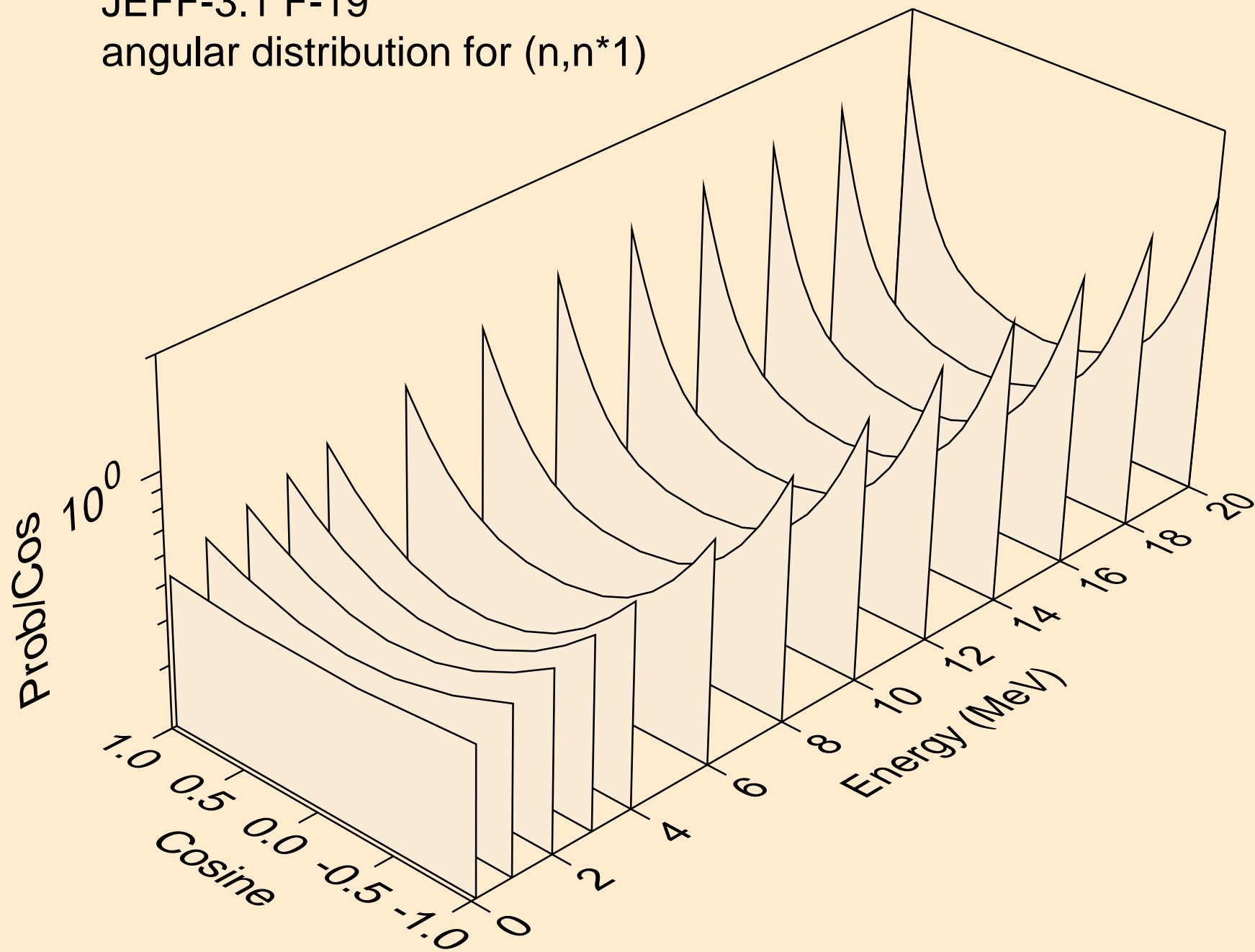
Threshold reactions



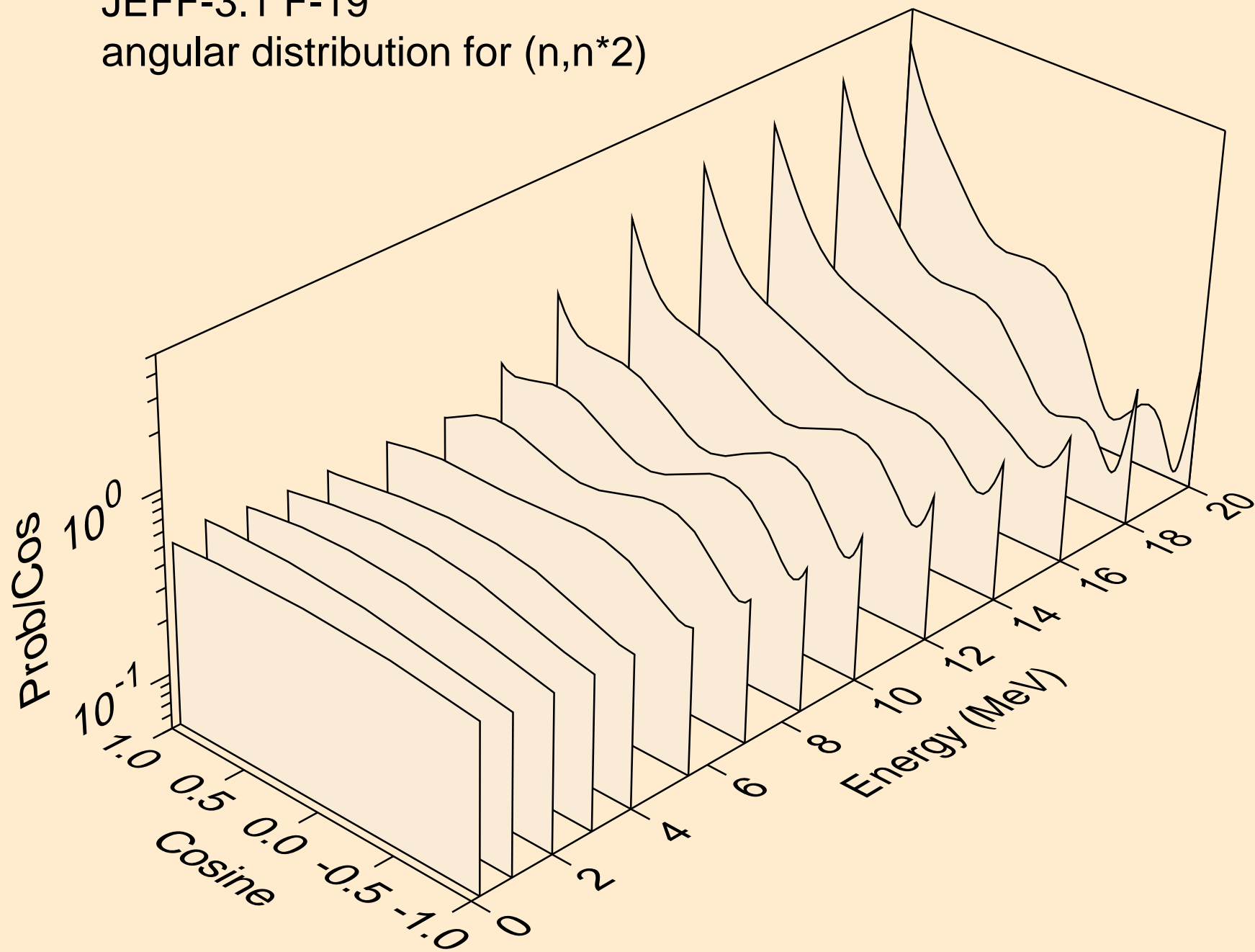
JEFF-3.1 F-19
angular distribution for elastic



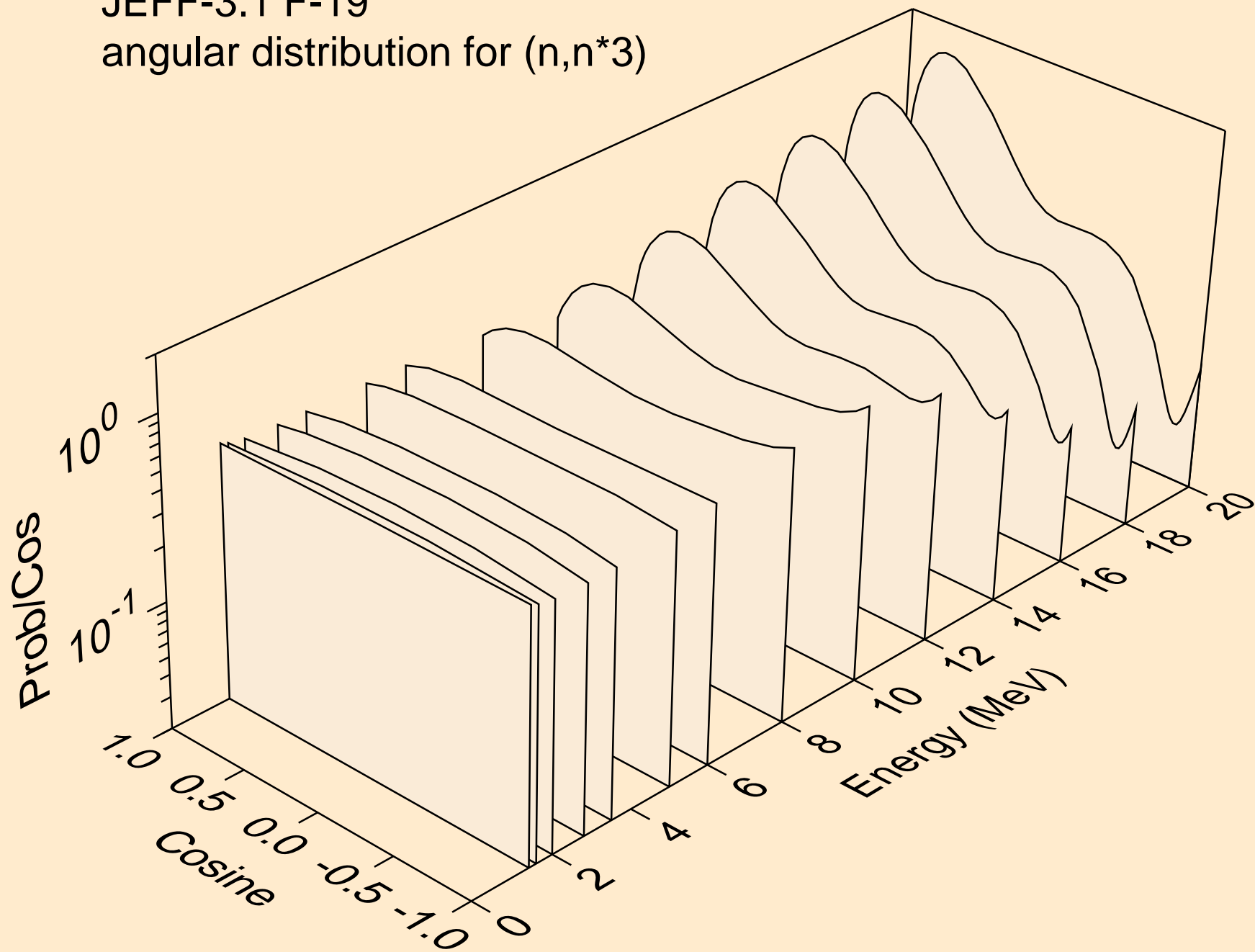
JEFF-3.1 F-19
angular distribution for (n,n*1)



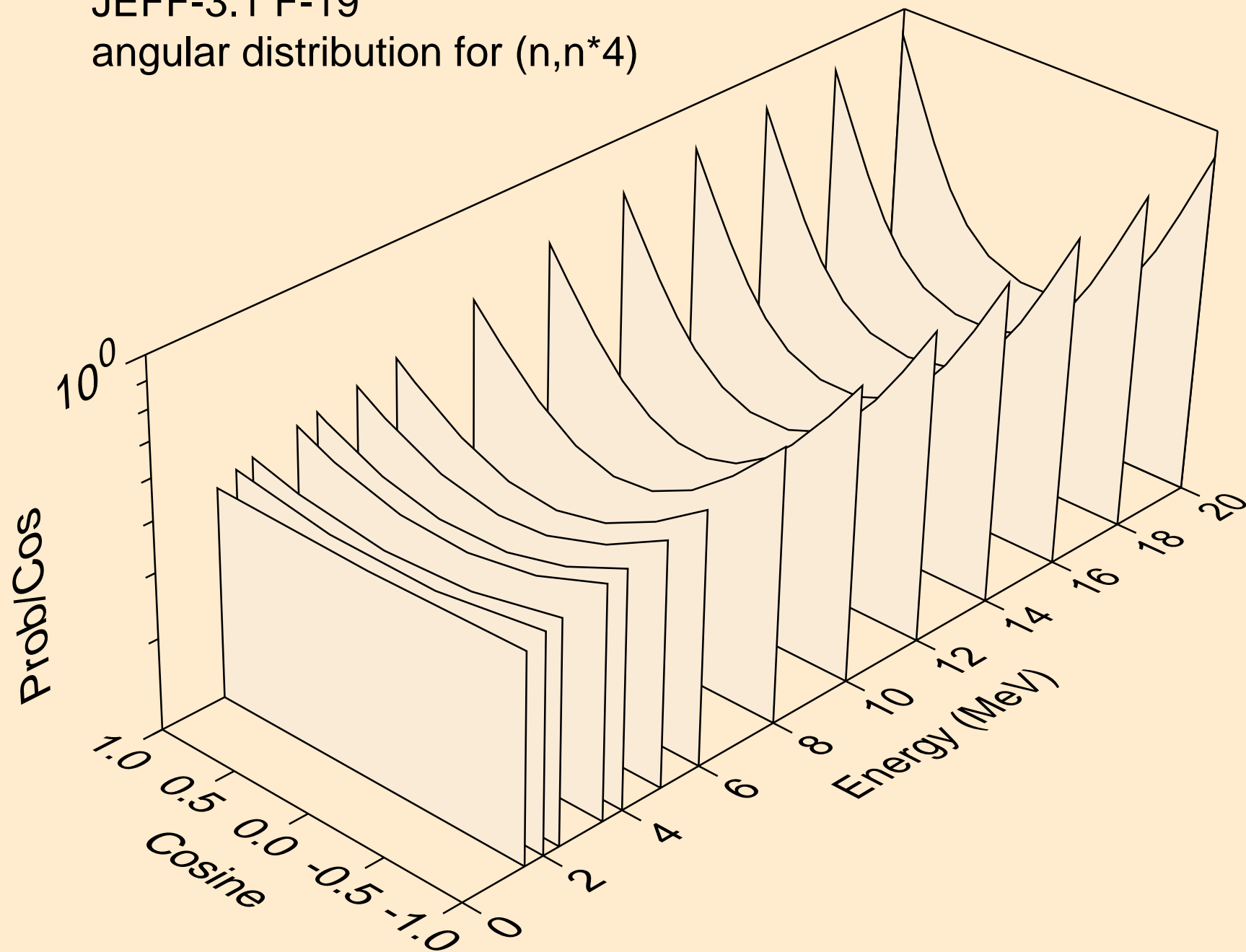
JEFF-3.1 F-19
angular distribution for (n,n*2)



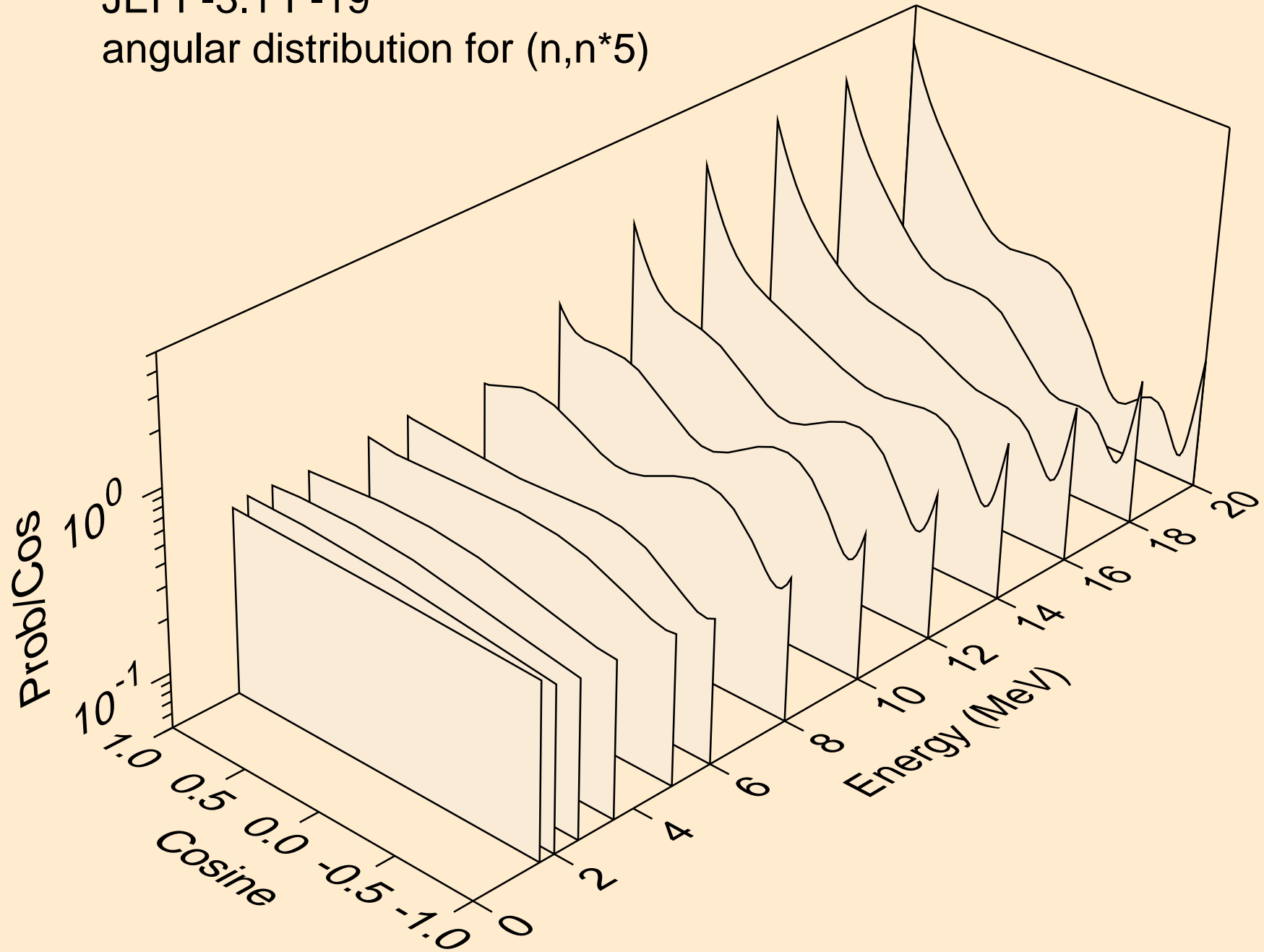
JEFF-3.1 F-19
angular distribution for (n,n*3)



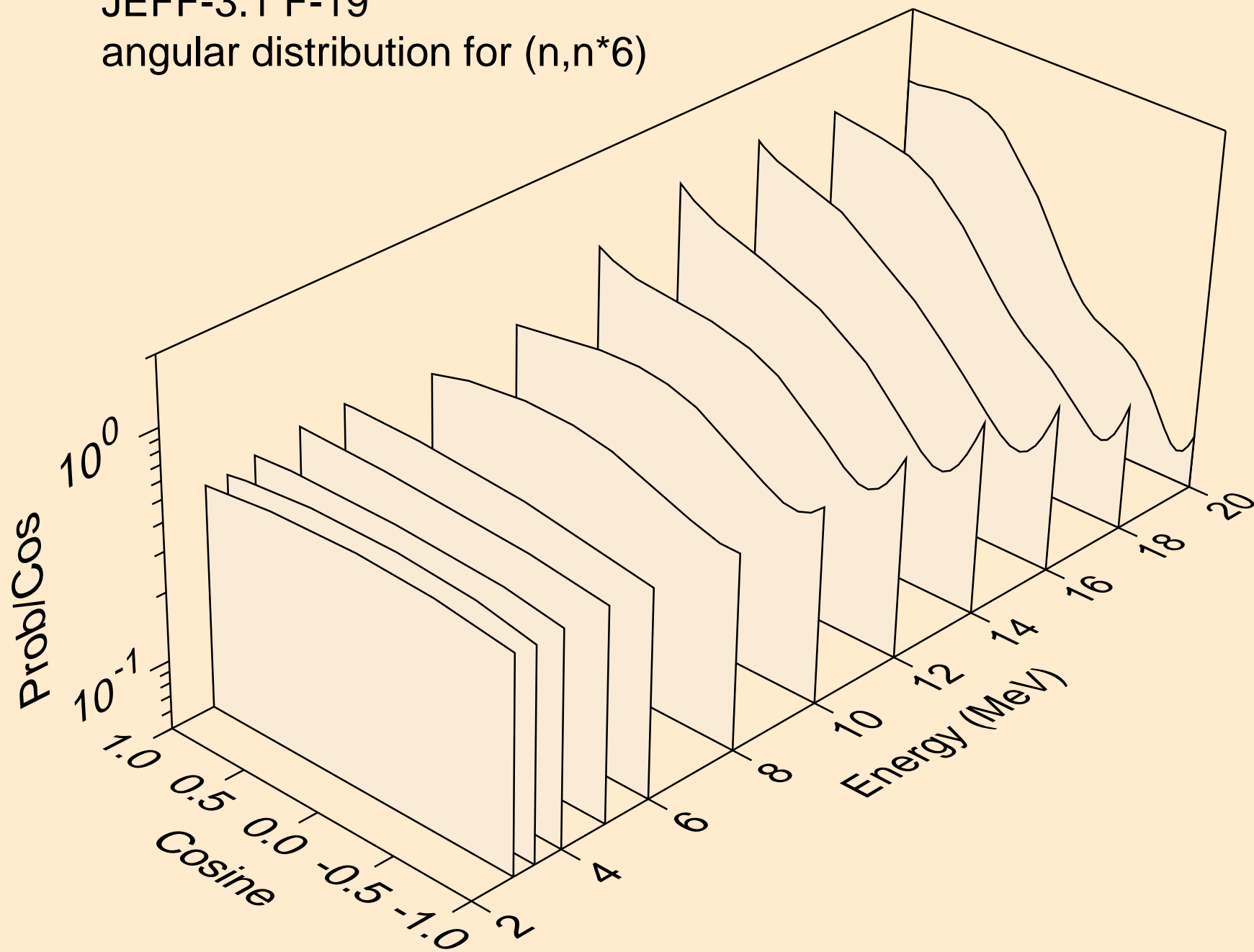
JEFF-3.1 F-19
angular distribution for (n,n*4)



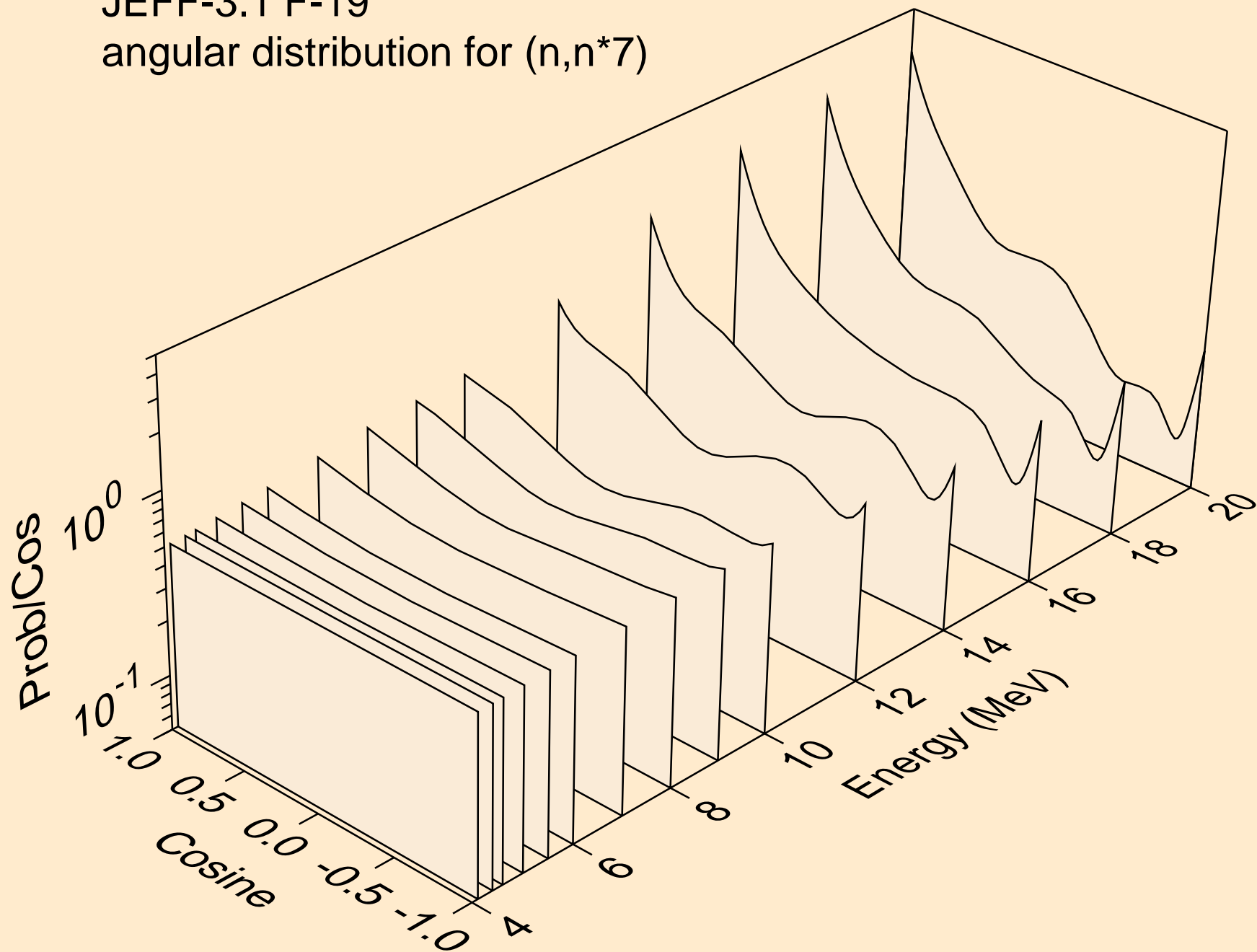
JEFF-3.1 F-19
angular distribution for (n,n*5)



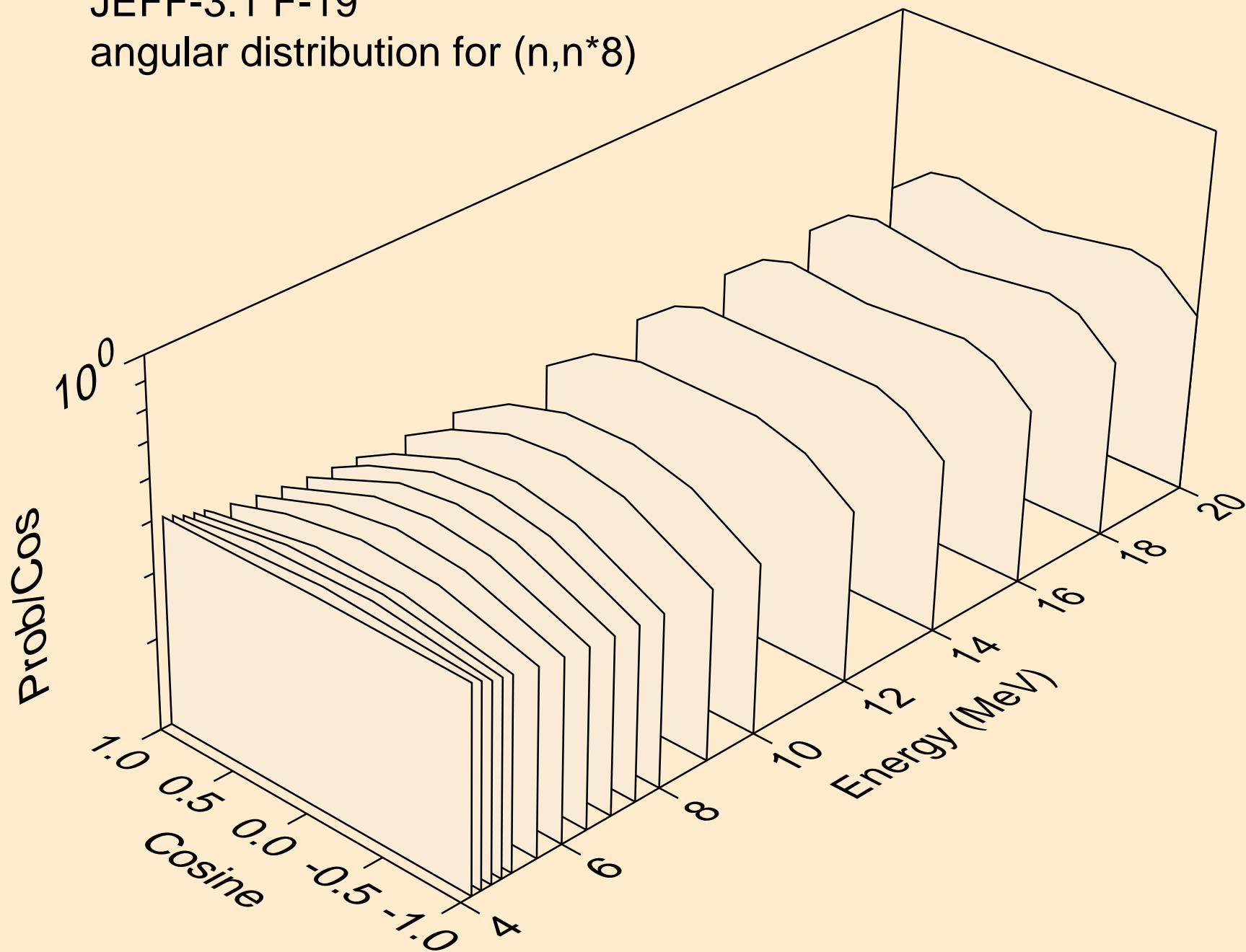
JEFF-3.1 F-19
angular distribution for (n,n*6)



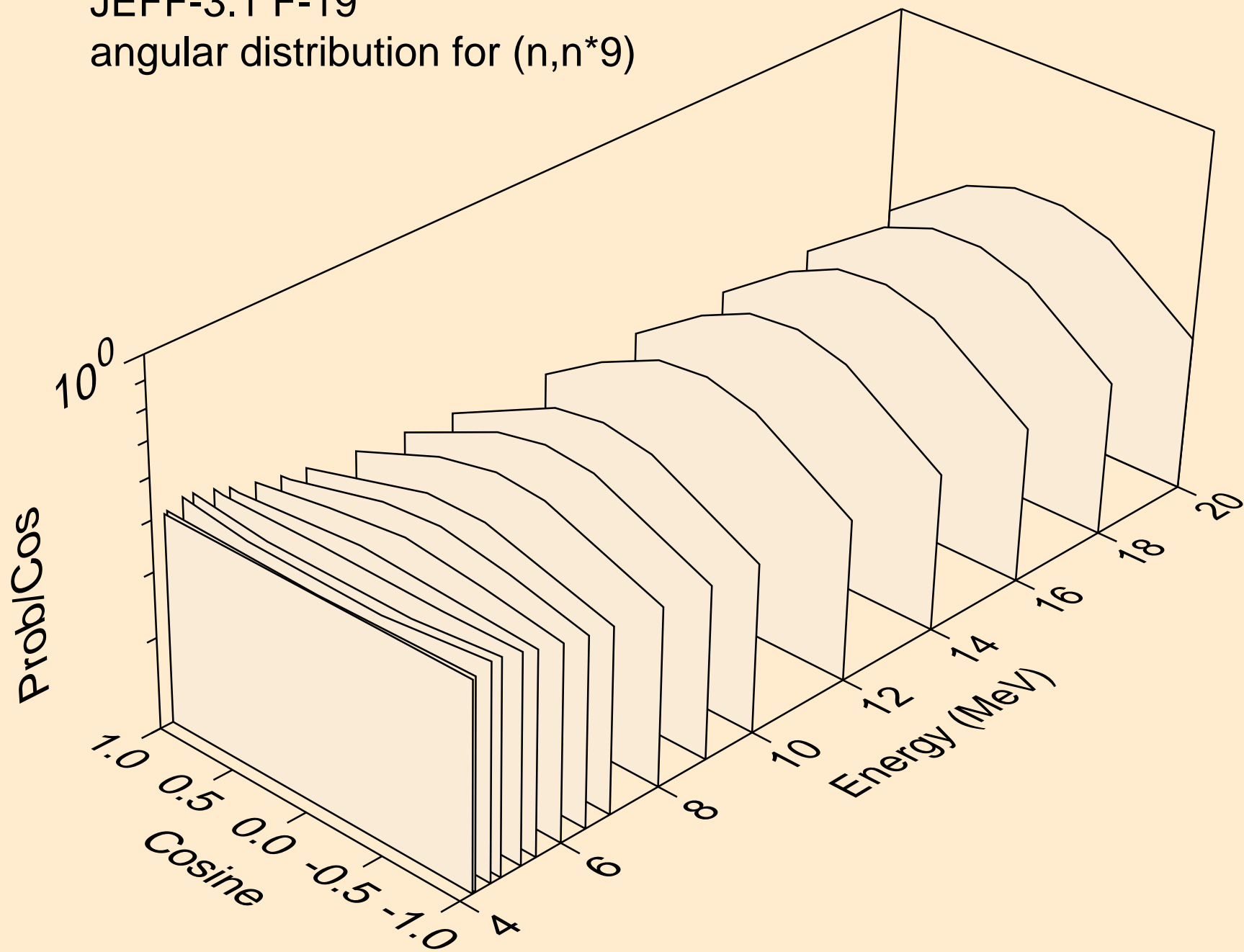
JEFF-3.1 F-19
angular distribution for (n,n*7)



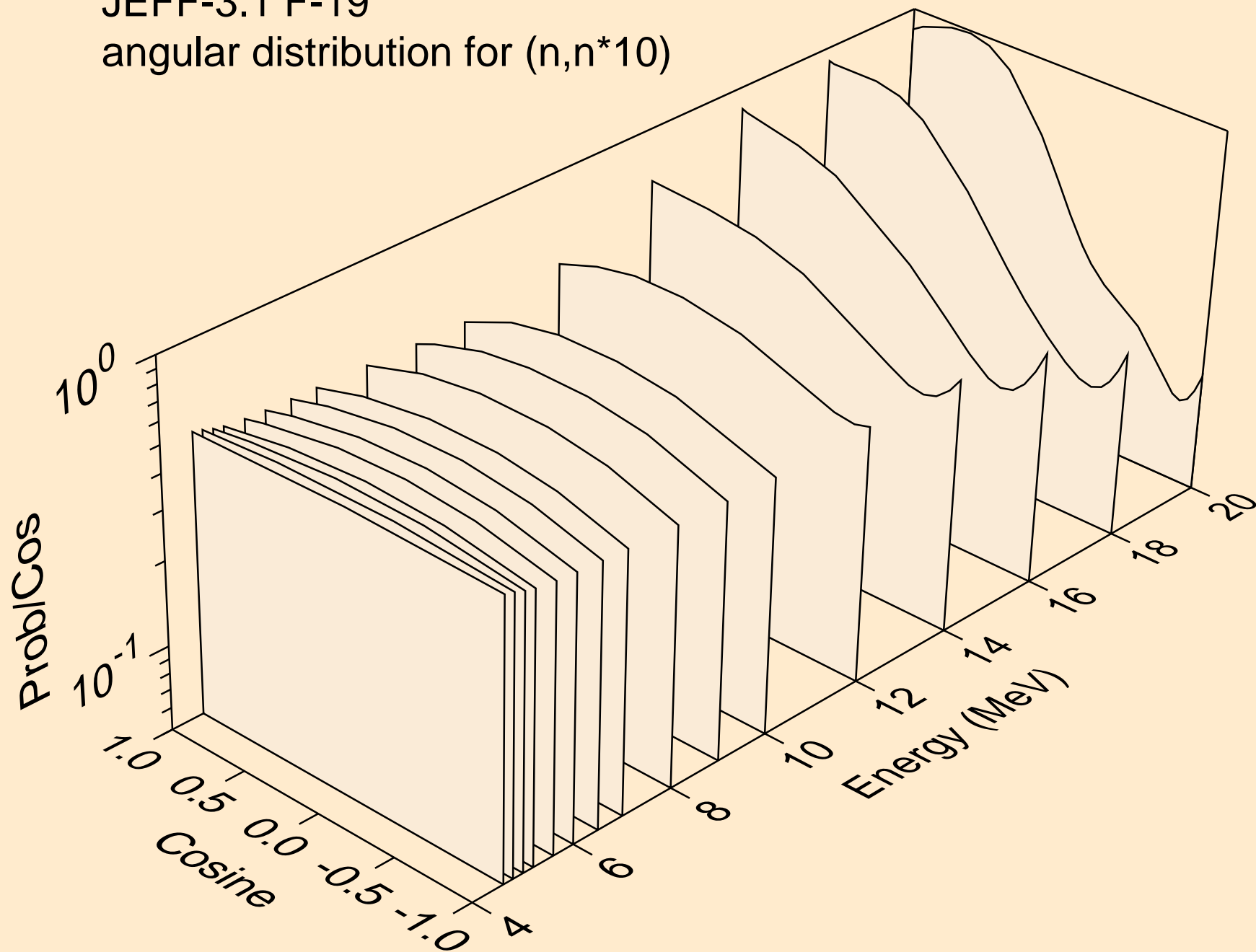
JEFF-3.1 F-19
angular distribution for (n,n*8)



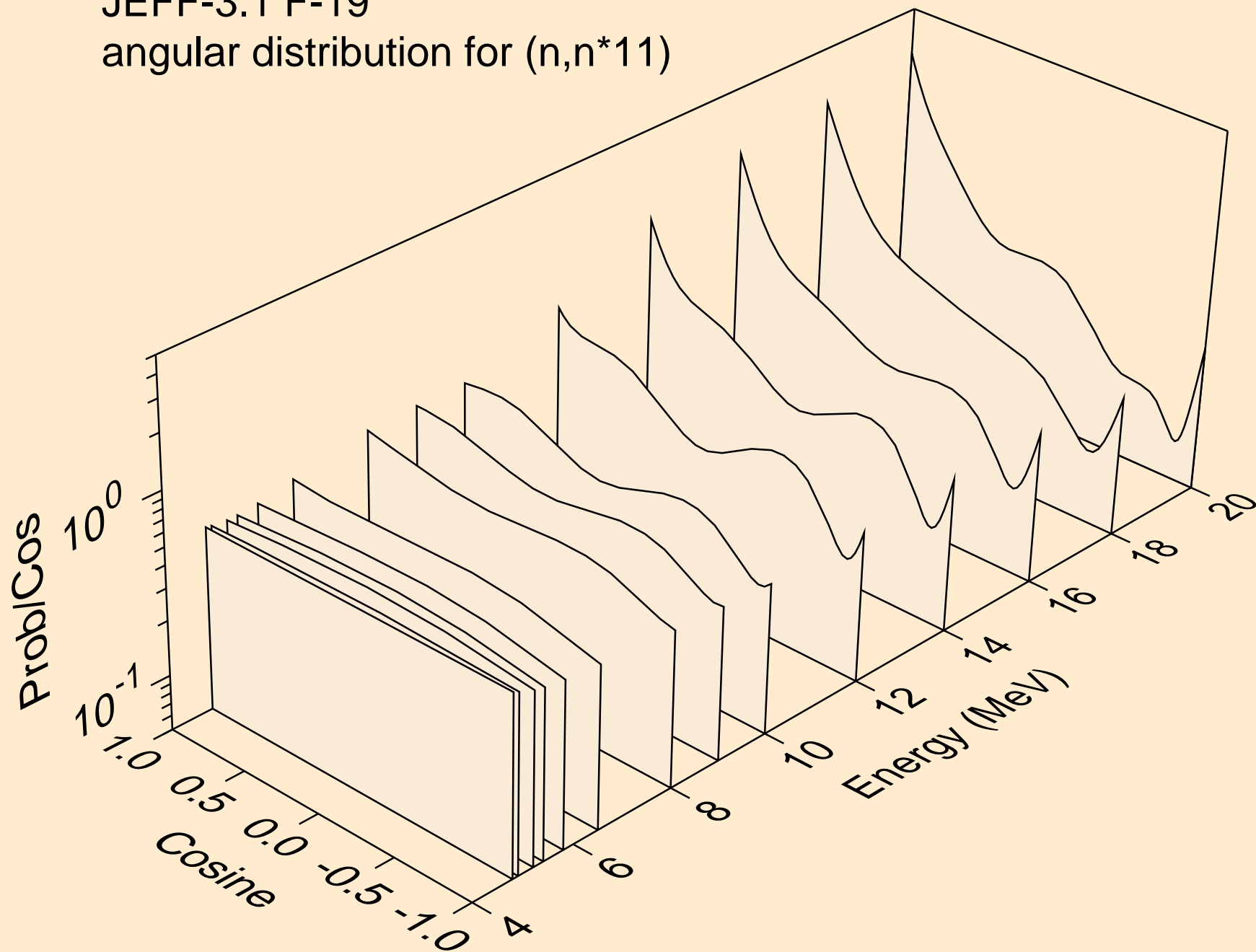
JEFF-3.1 F-19
angular distribution for (n,n*9)



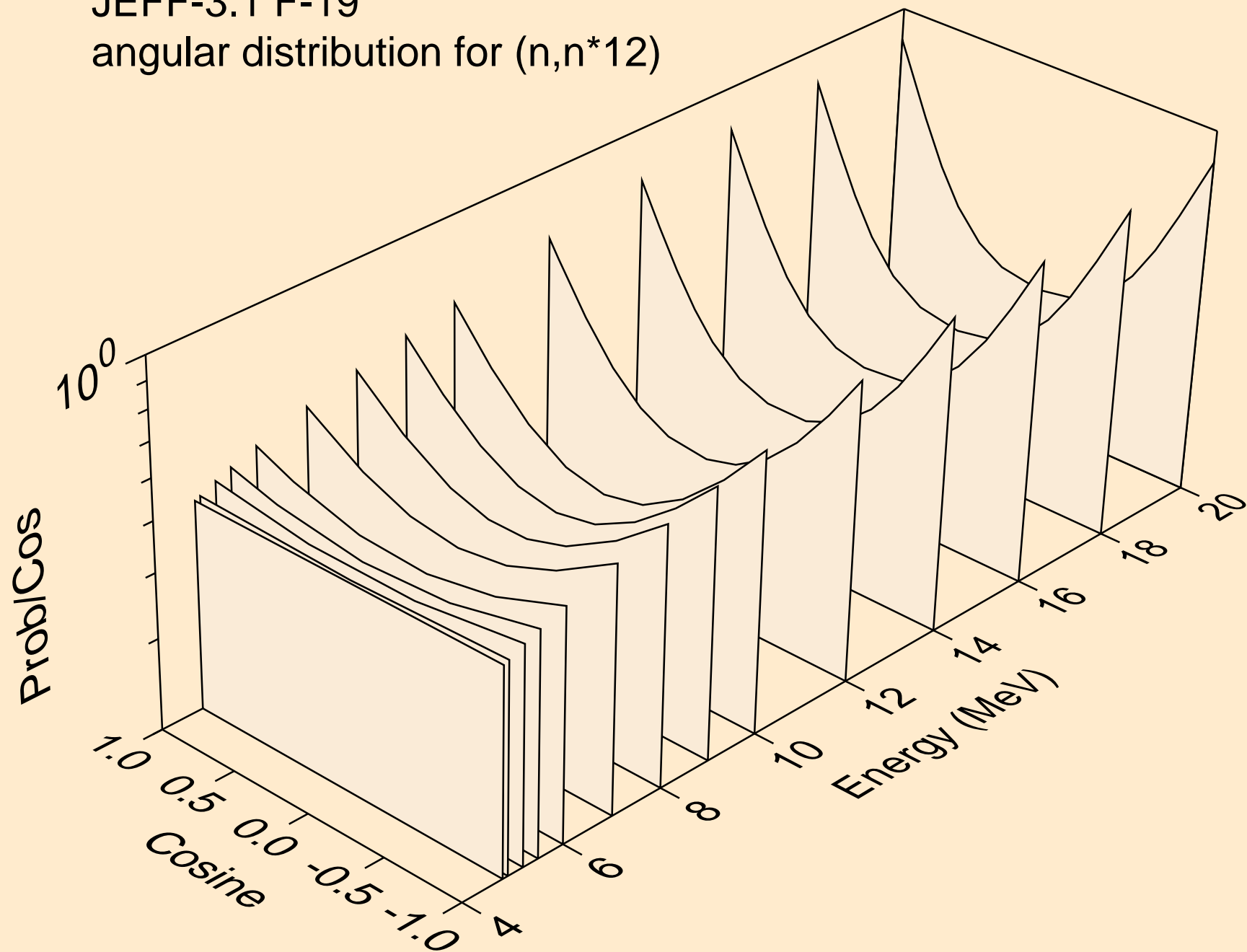
JEFF-3.1 F-19
angular distribution for (n,n*10)



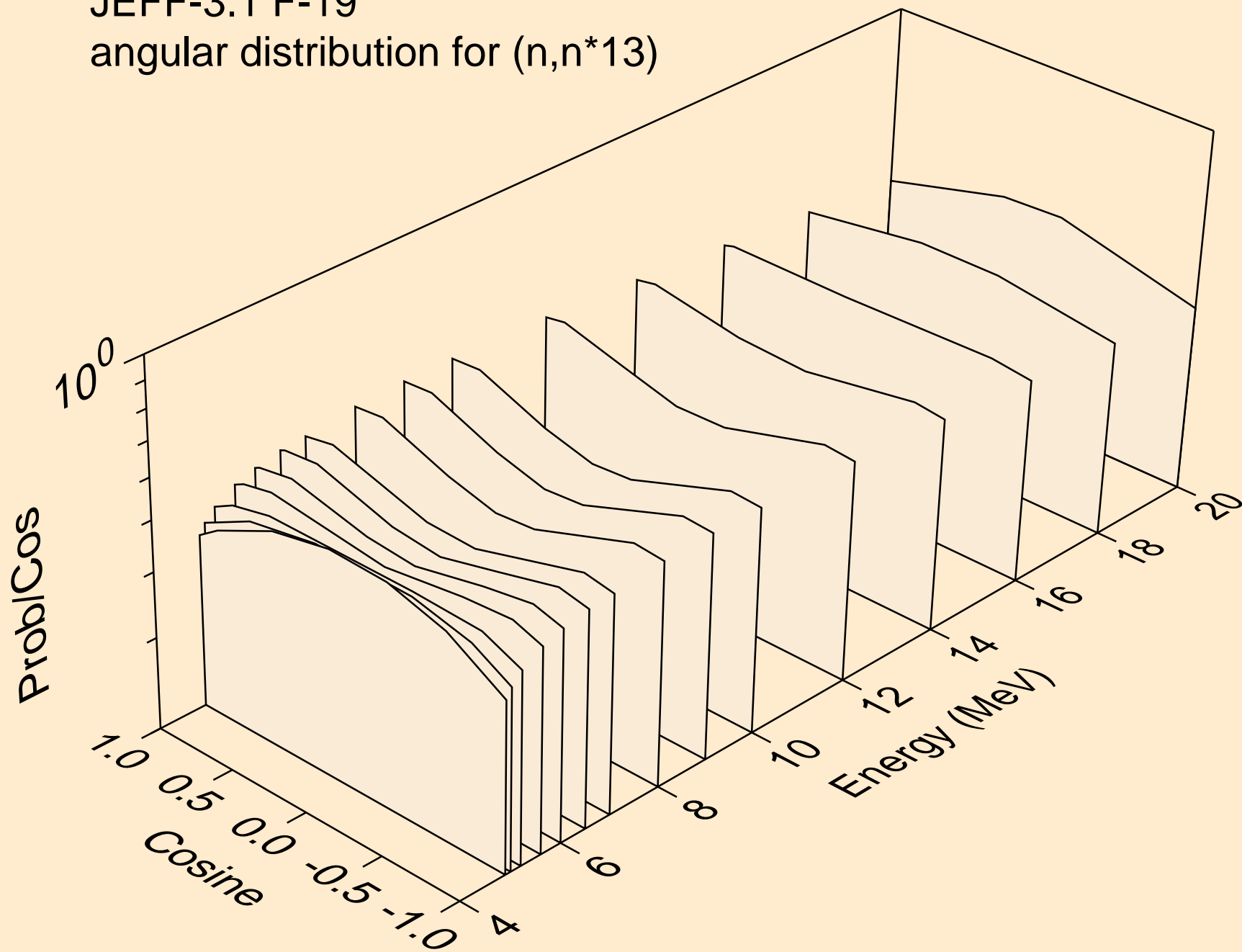
JEFF-3.1 F-19
angular distribution for (n,n*11)



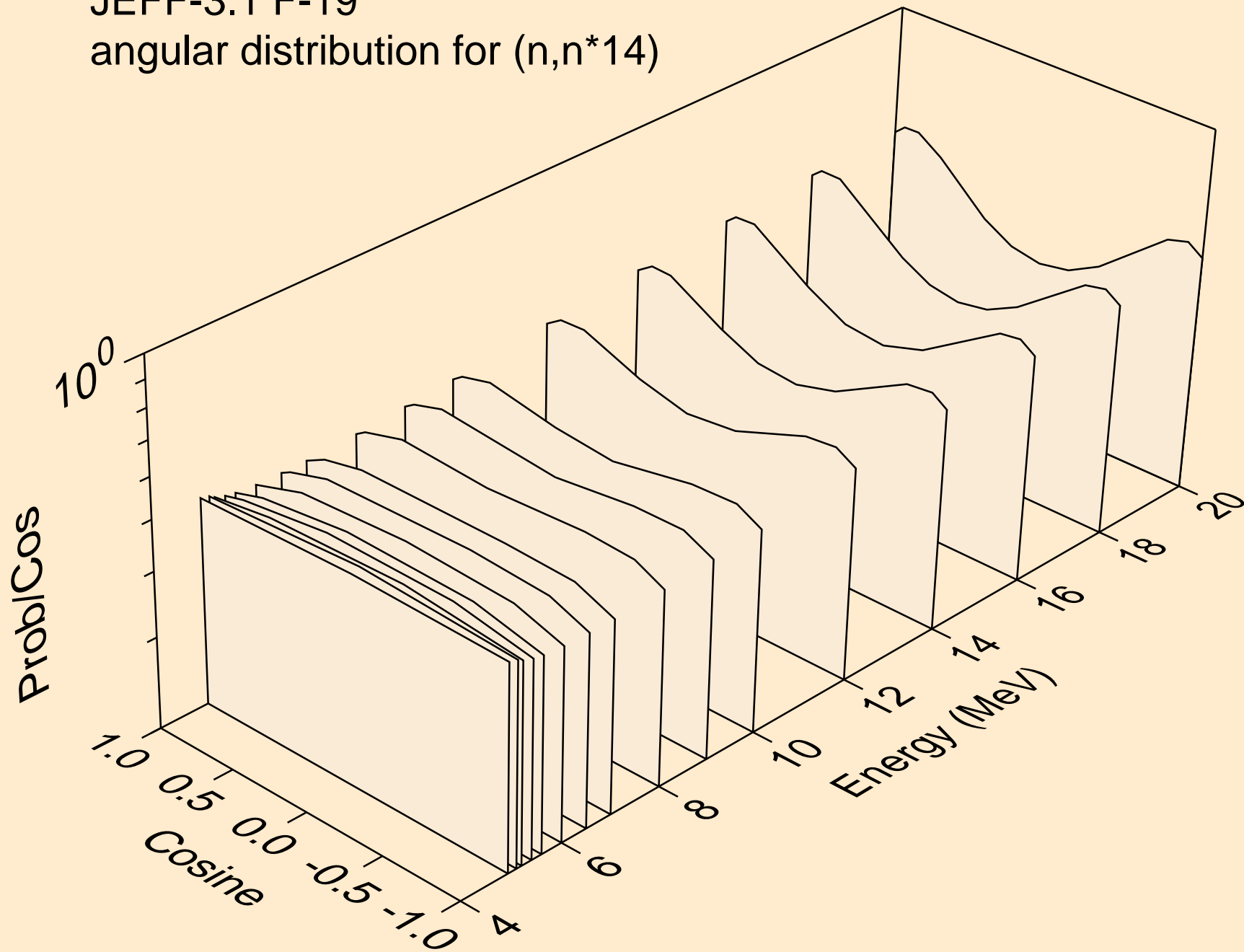
JEFF-3.1 F-19
angular distribution for (n,n*12)



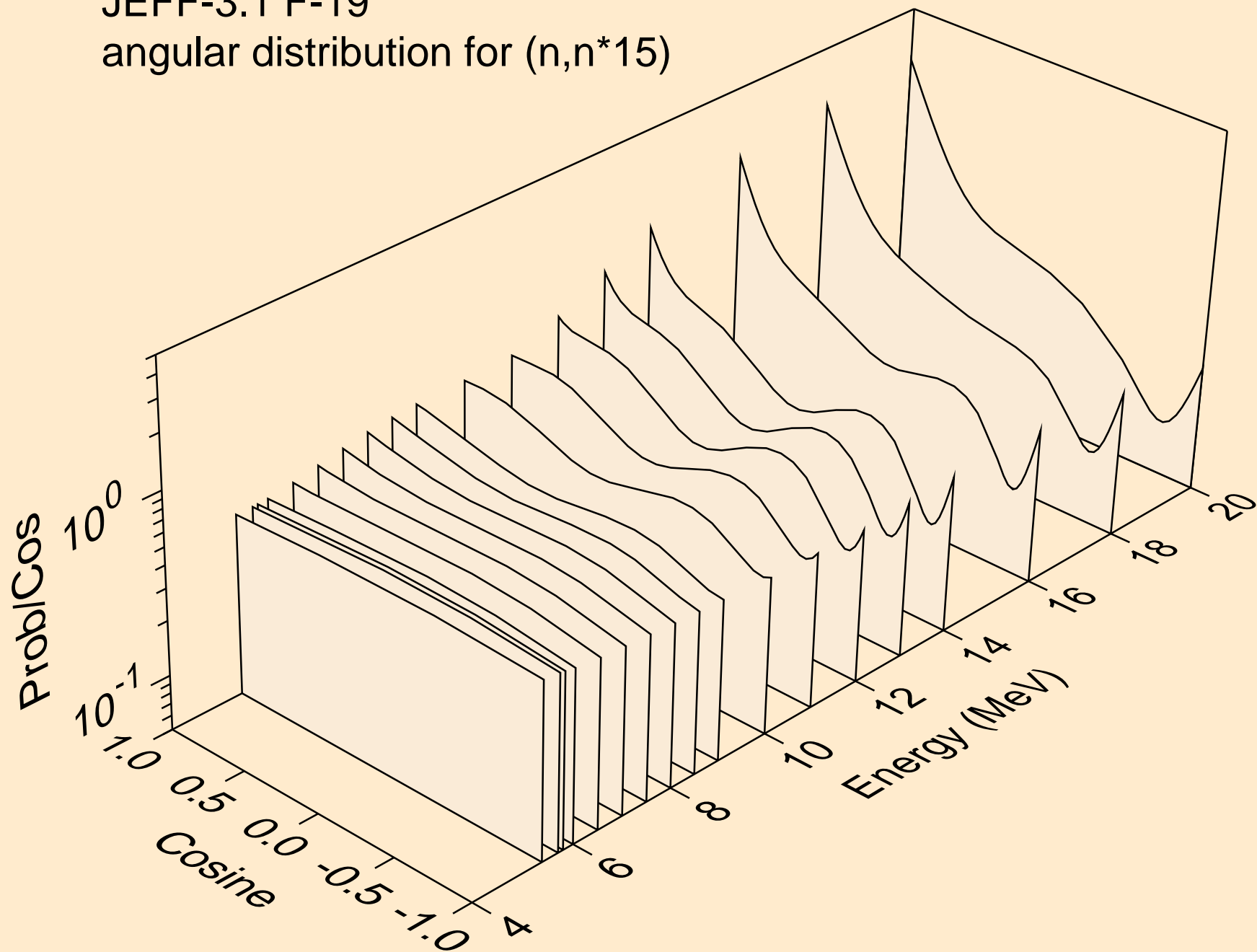
JEFF-3.1 F-19
angular distribution for (n,n*13)



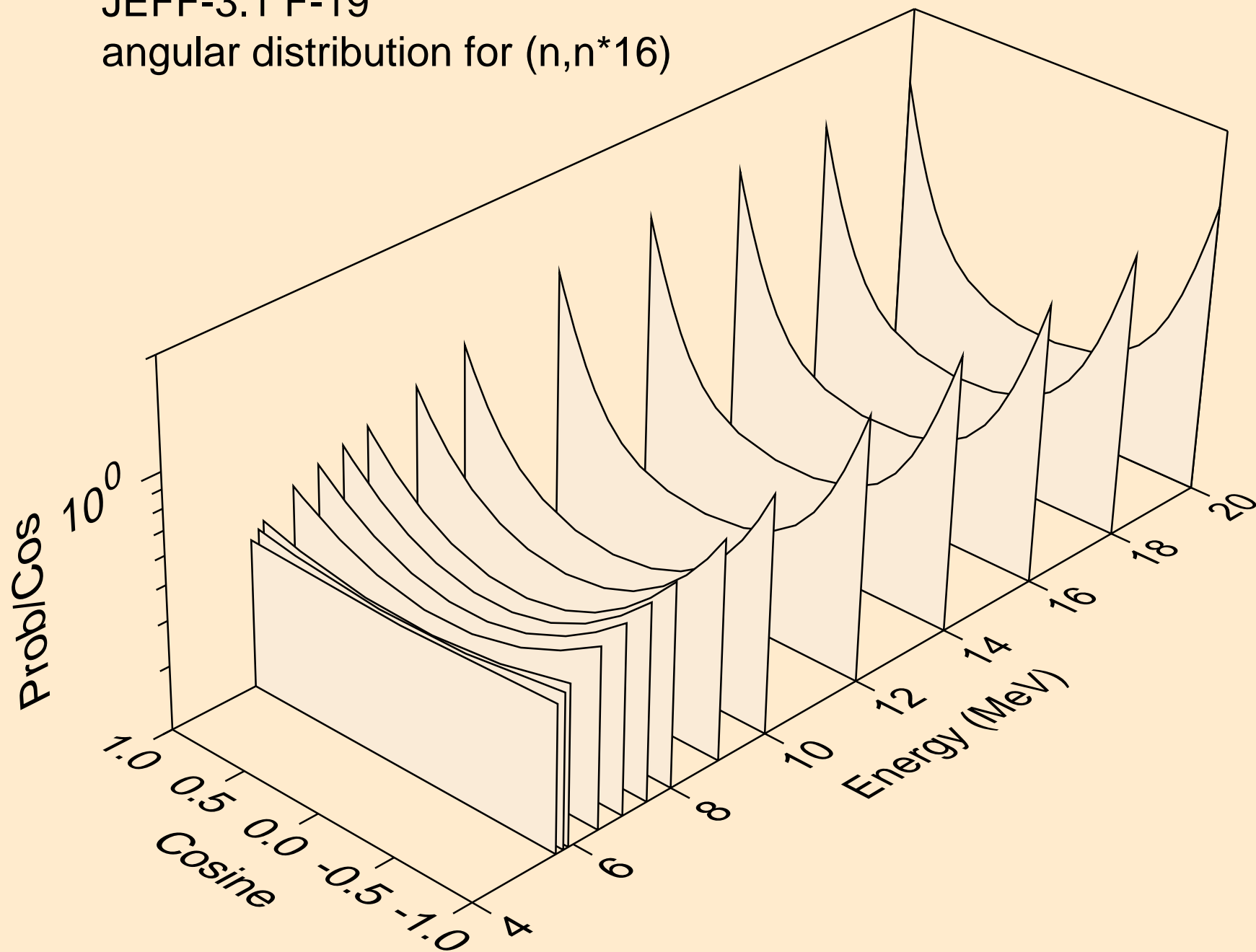
JEFF-3.1 F-19
angular distribution for (n,n*14)



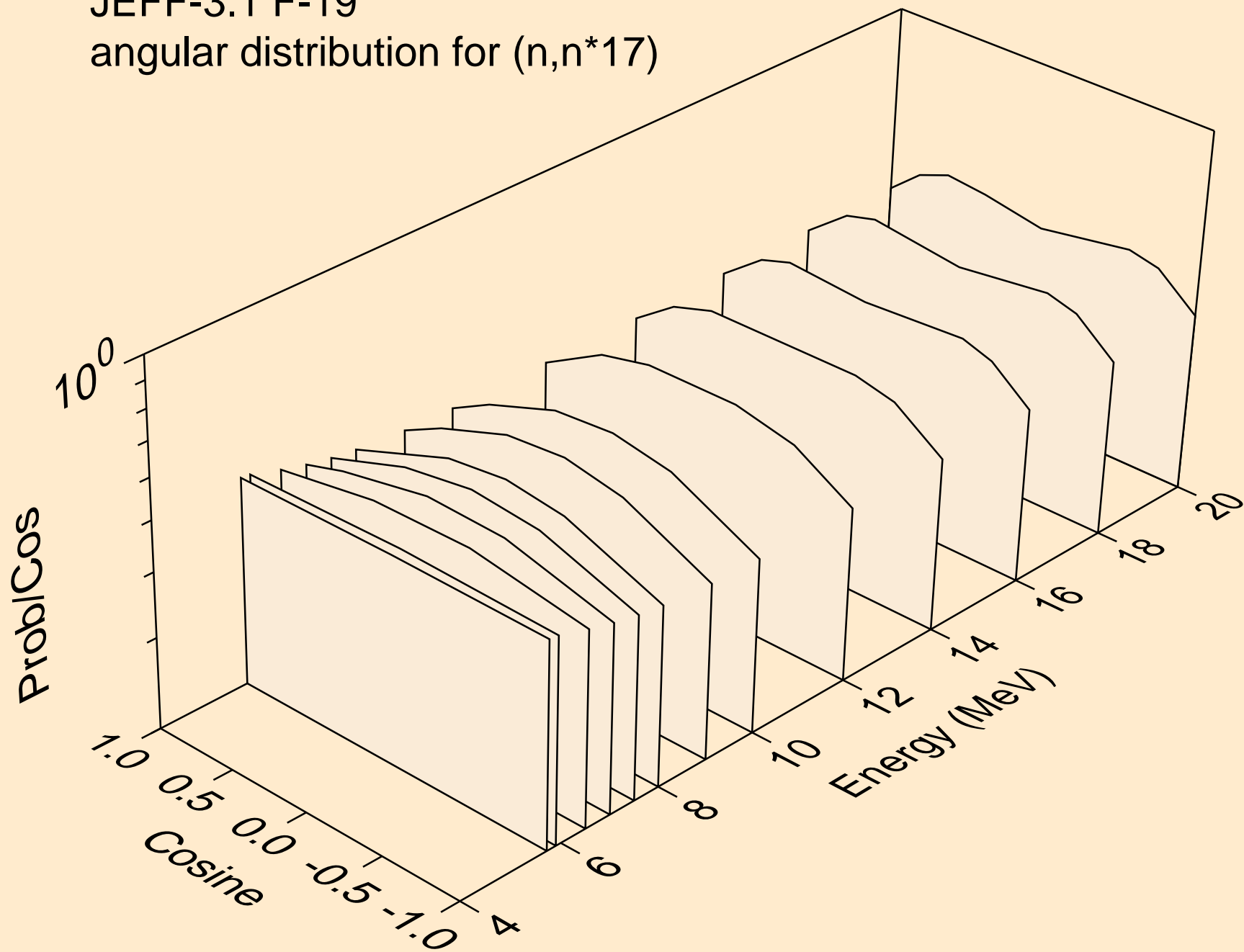
JEFF-3.1 F-19
angular distribution for (n,n*15)



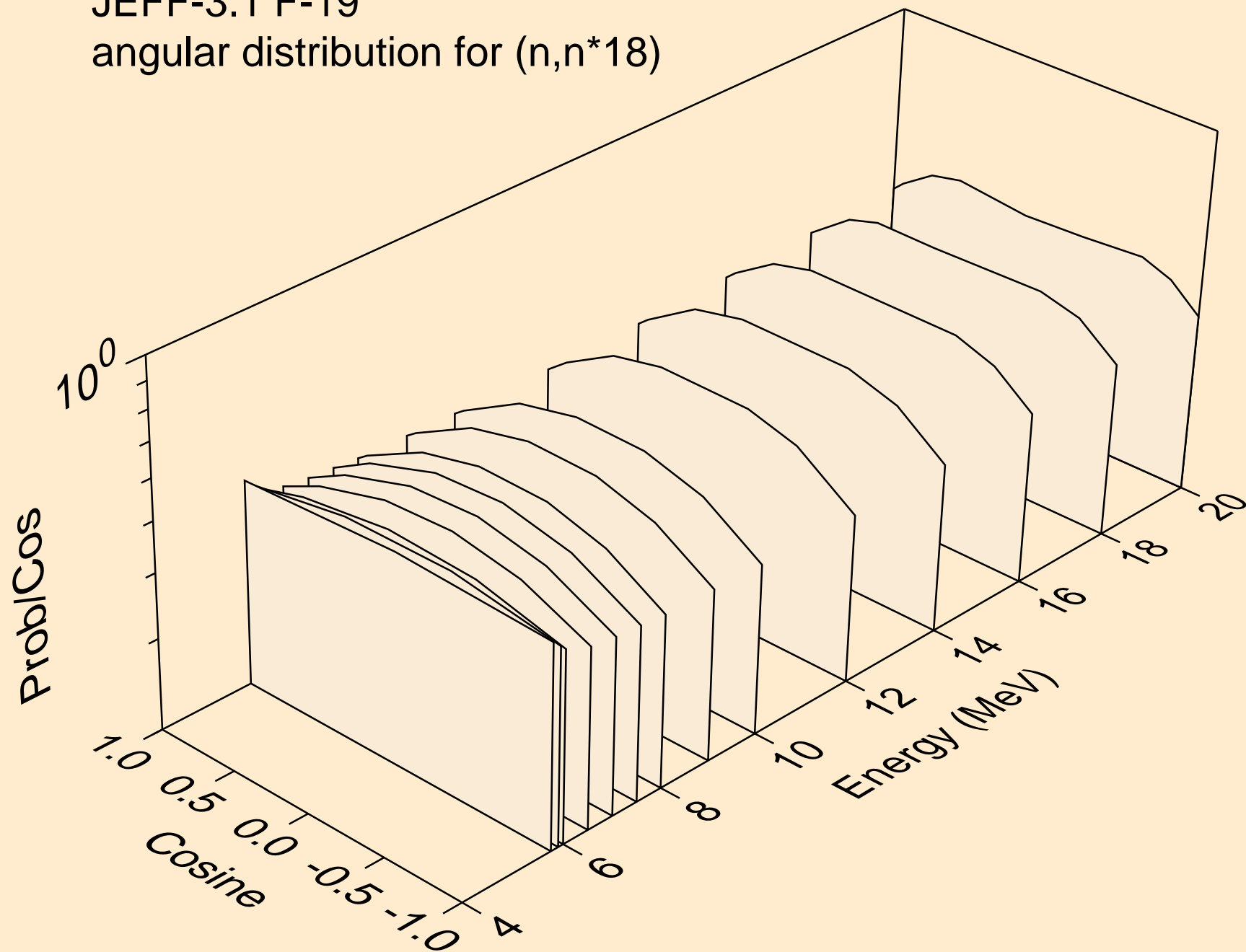
JEFF-3.1 F-19
angular distribution for (n,n*16)



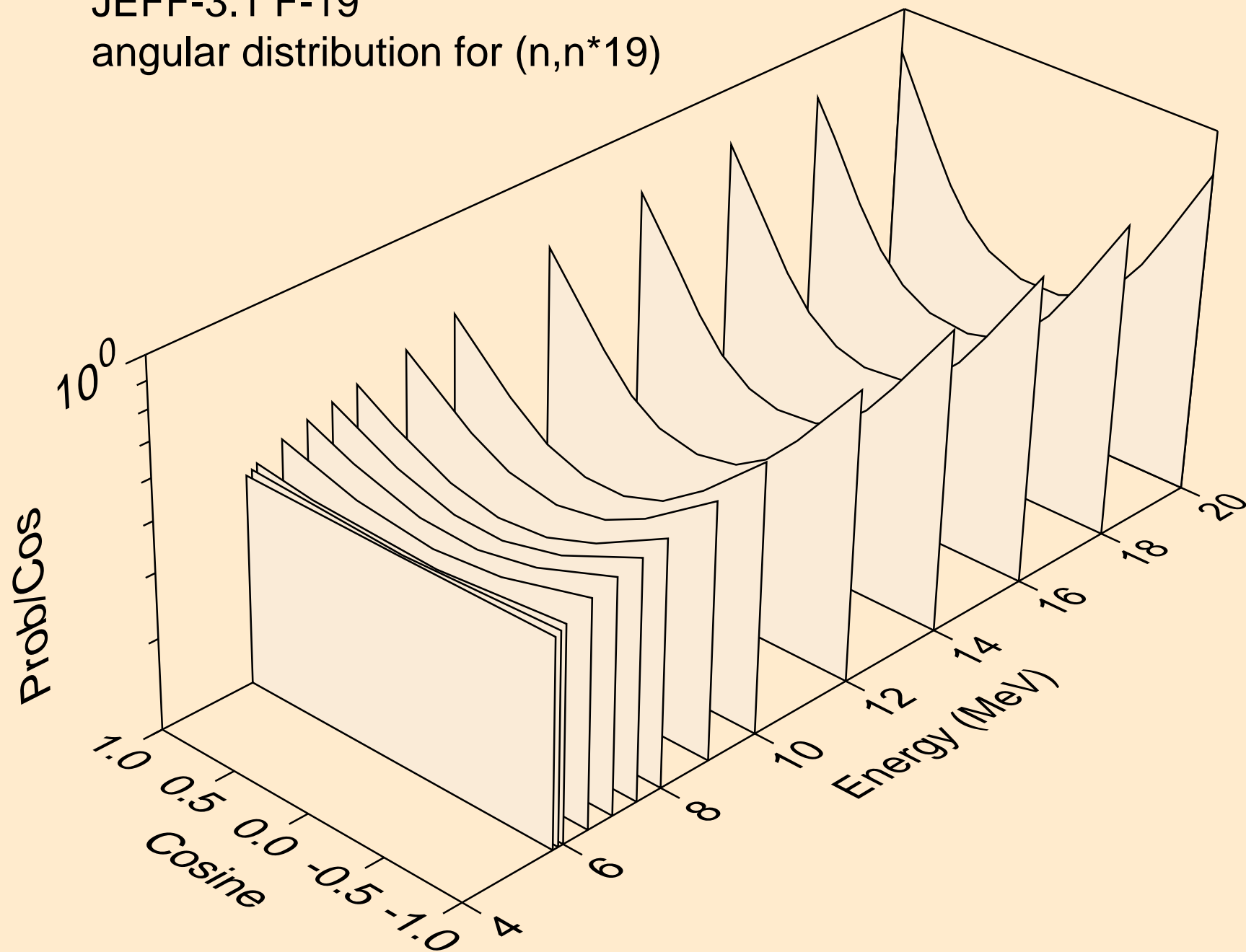
JEFF-3.1 F-19
angular distribution for (n,n*17)



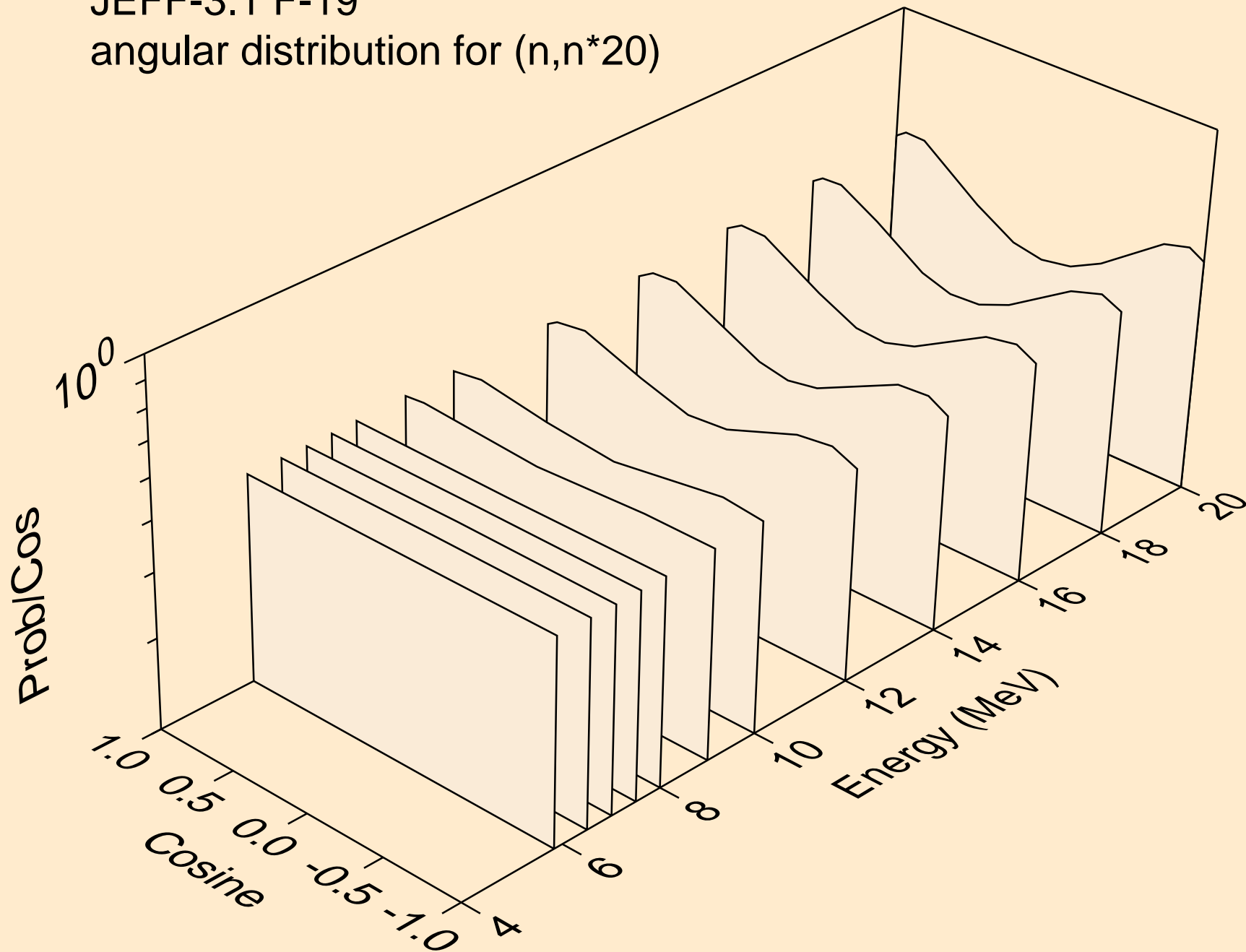
JEFF-3.1 F-19
angular distribution for (n,n*18)



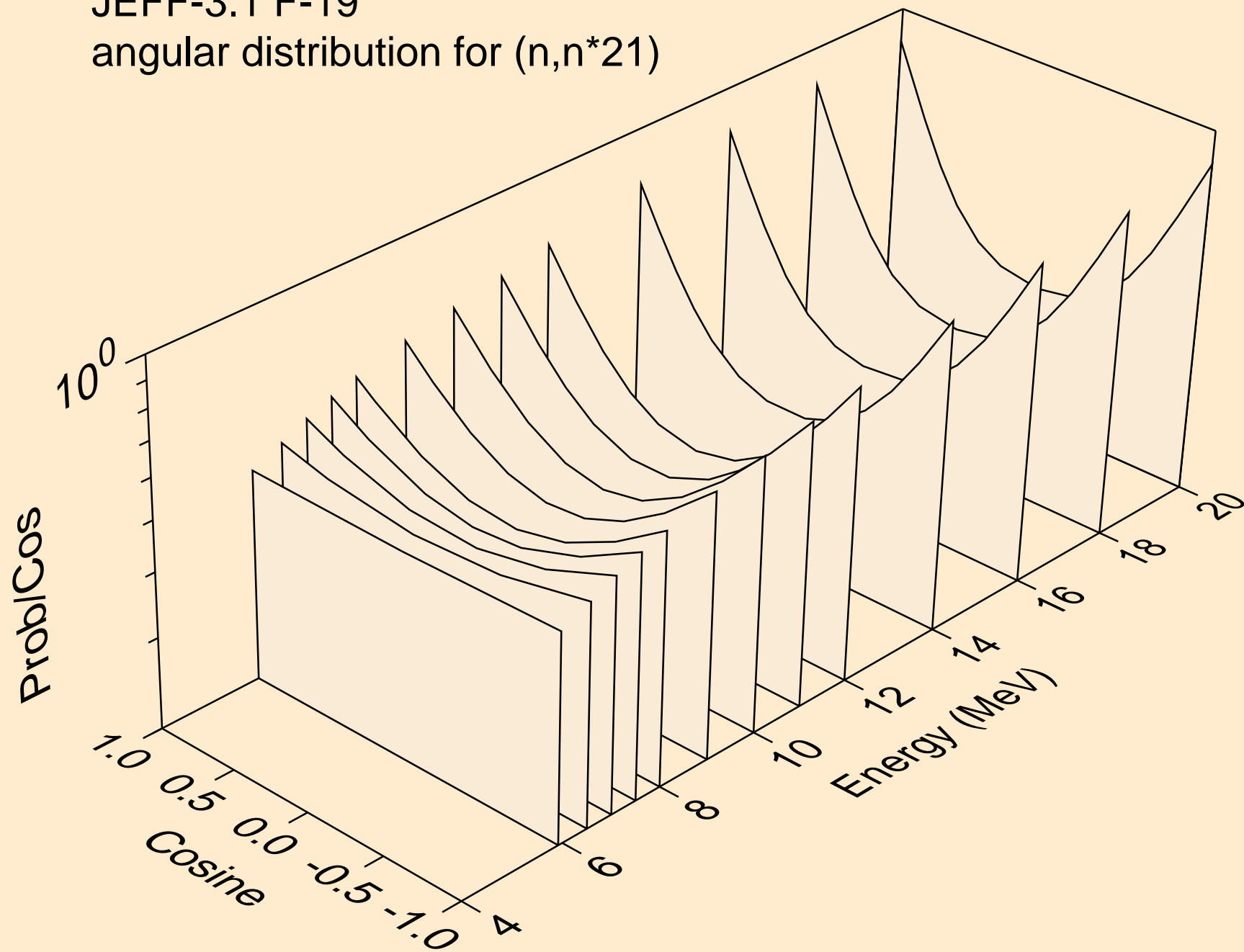
JEFF-3.1 F-19
angular distribution for (n,n*19)



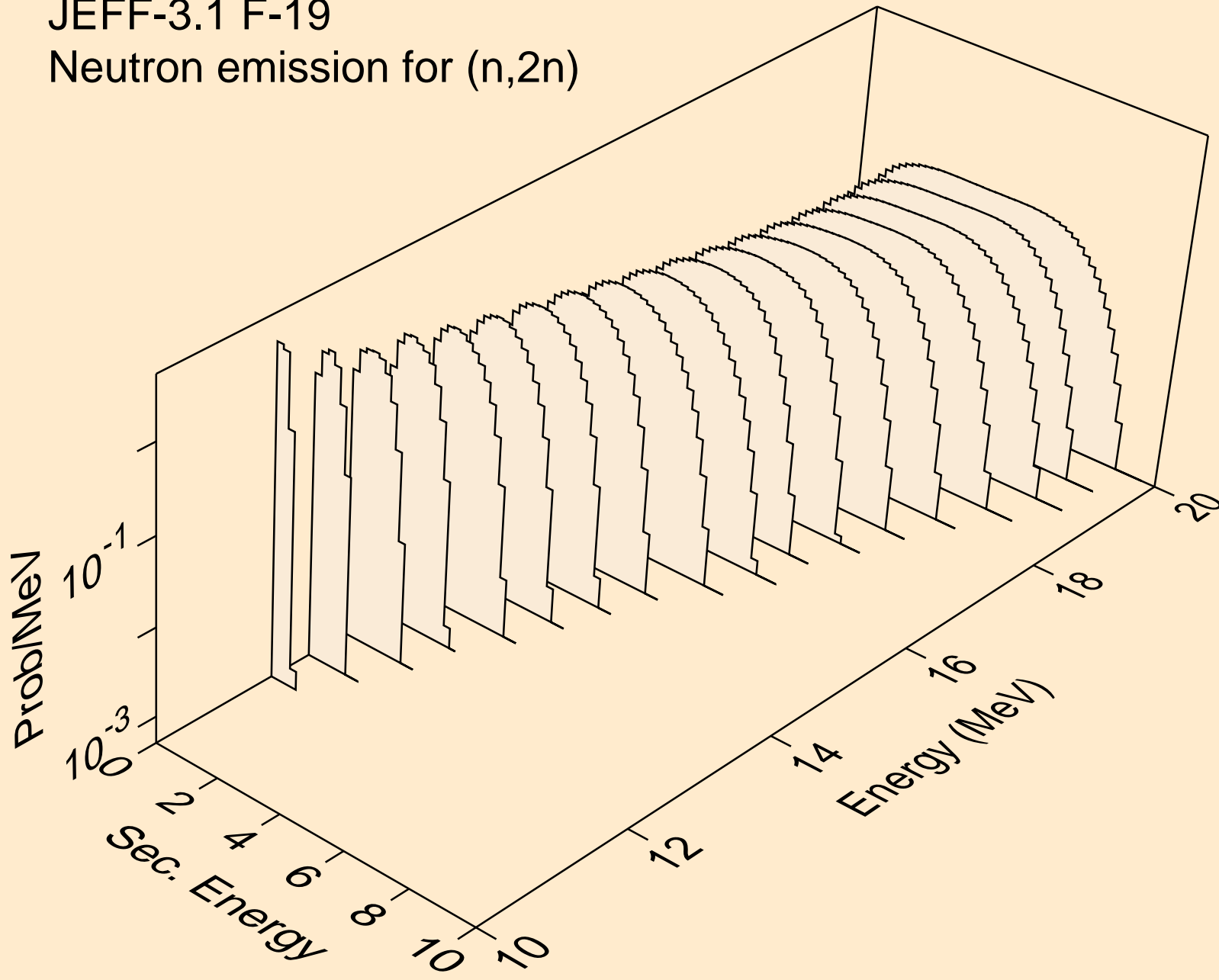
JEFF-3.1 F-19
angular distribution for (n,n*20)



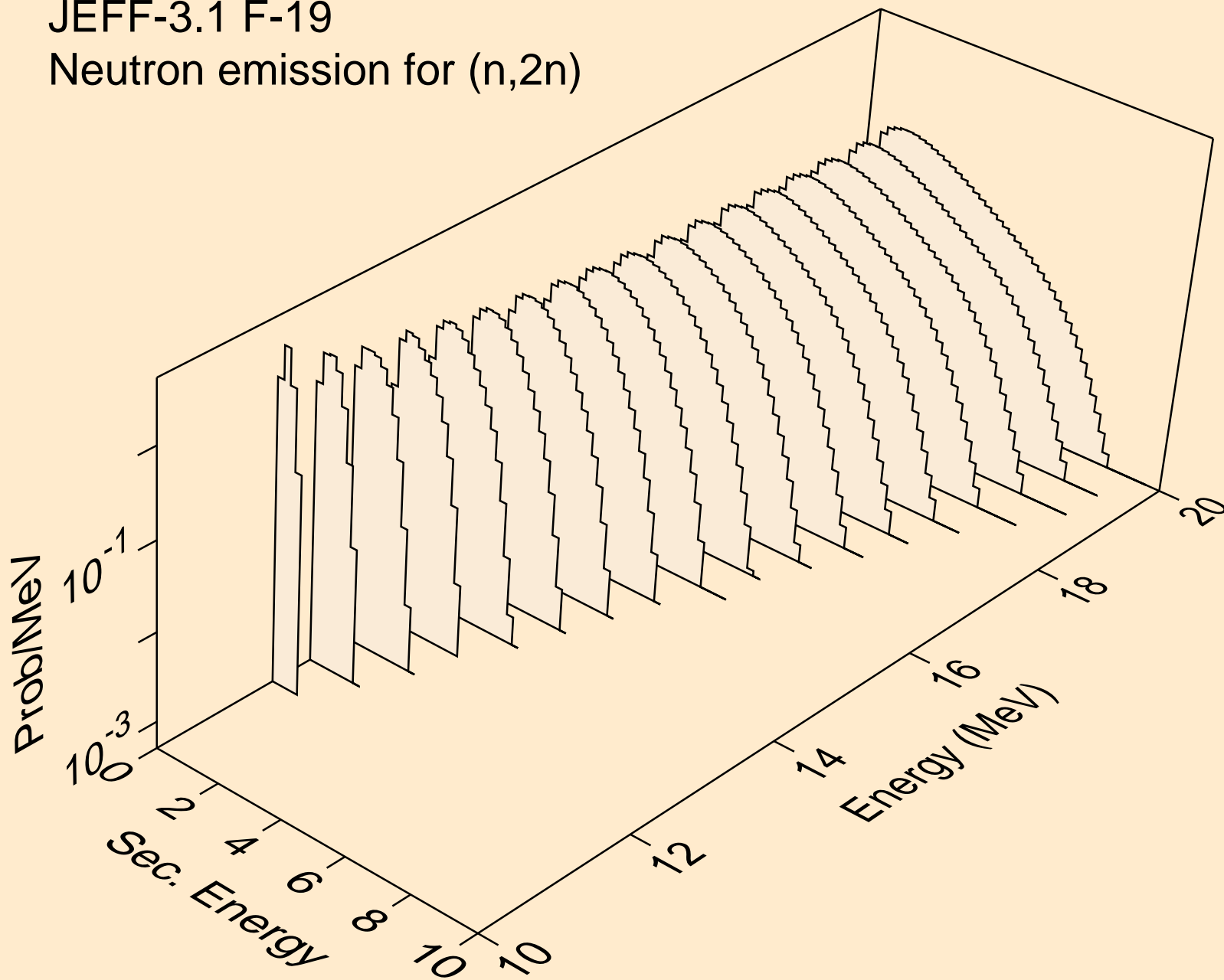
JEFF-3.1 F-19
angular distribution for (n,n*21)



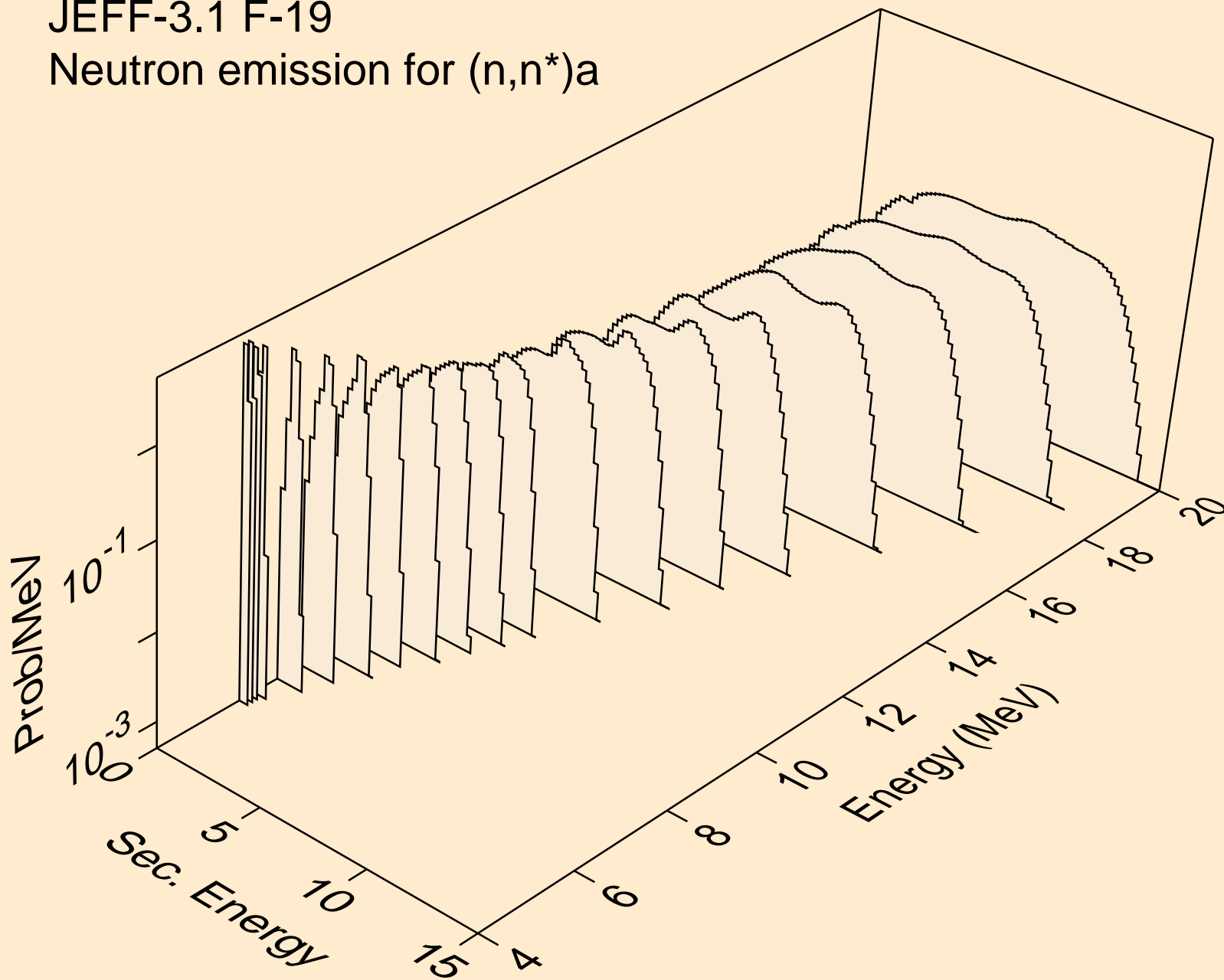
JEFF-3.1 F-19
Neutron emission for (n,2n)



JEFF-3.1 F-19
Neutron emission for (n,2n)

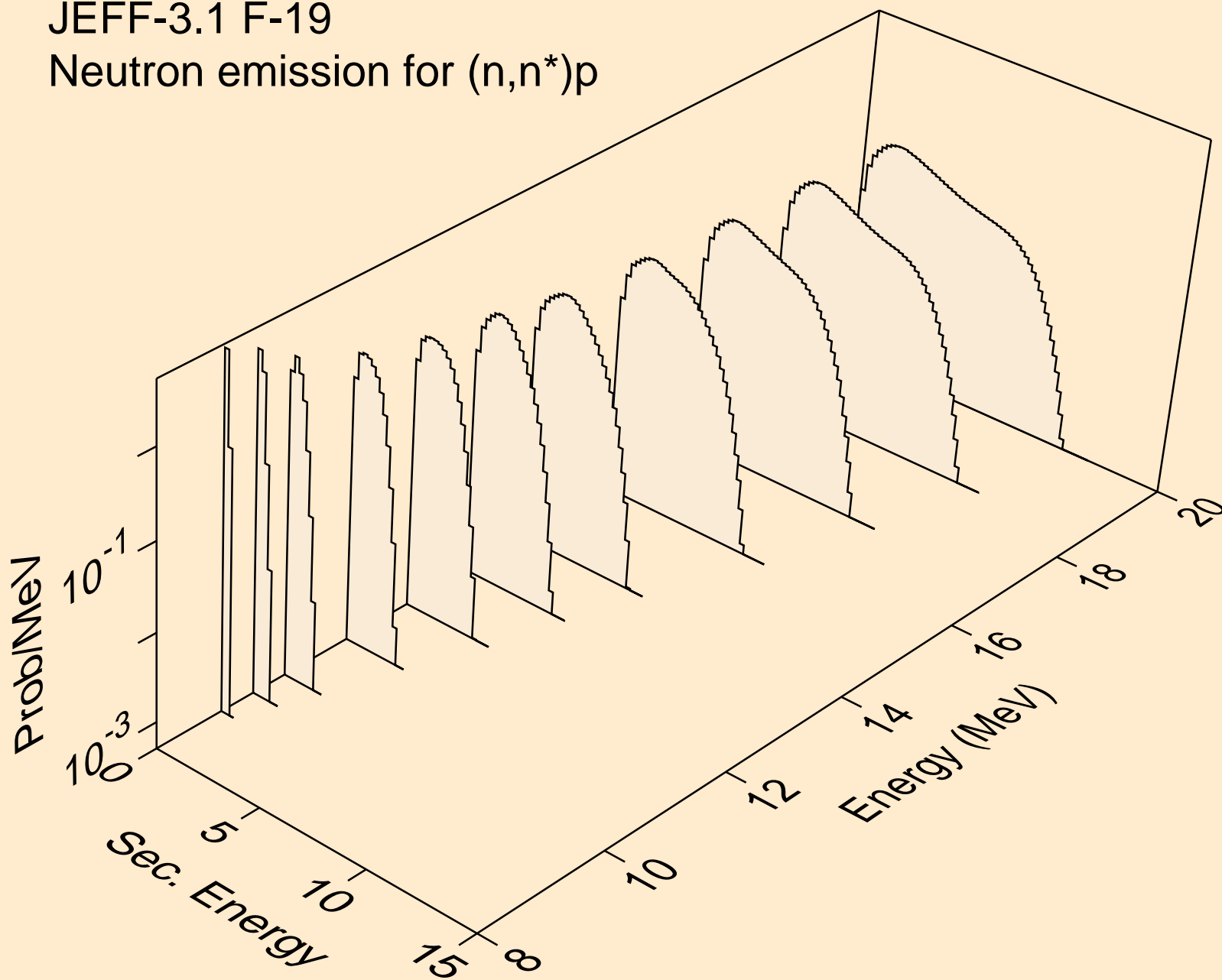


JEFF-3.1 F-19
Neutron emission for (n,n*)a

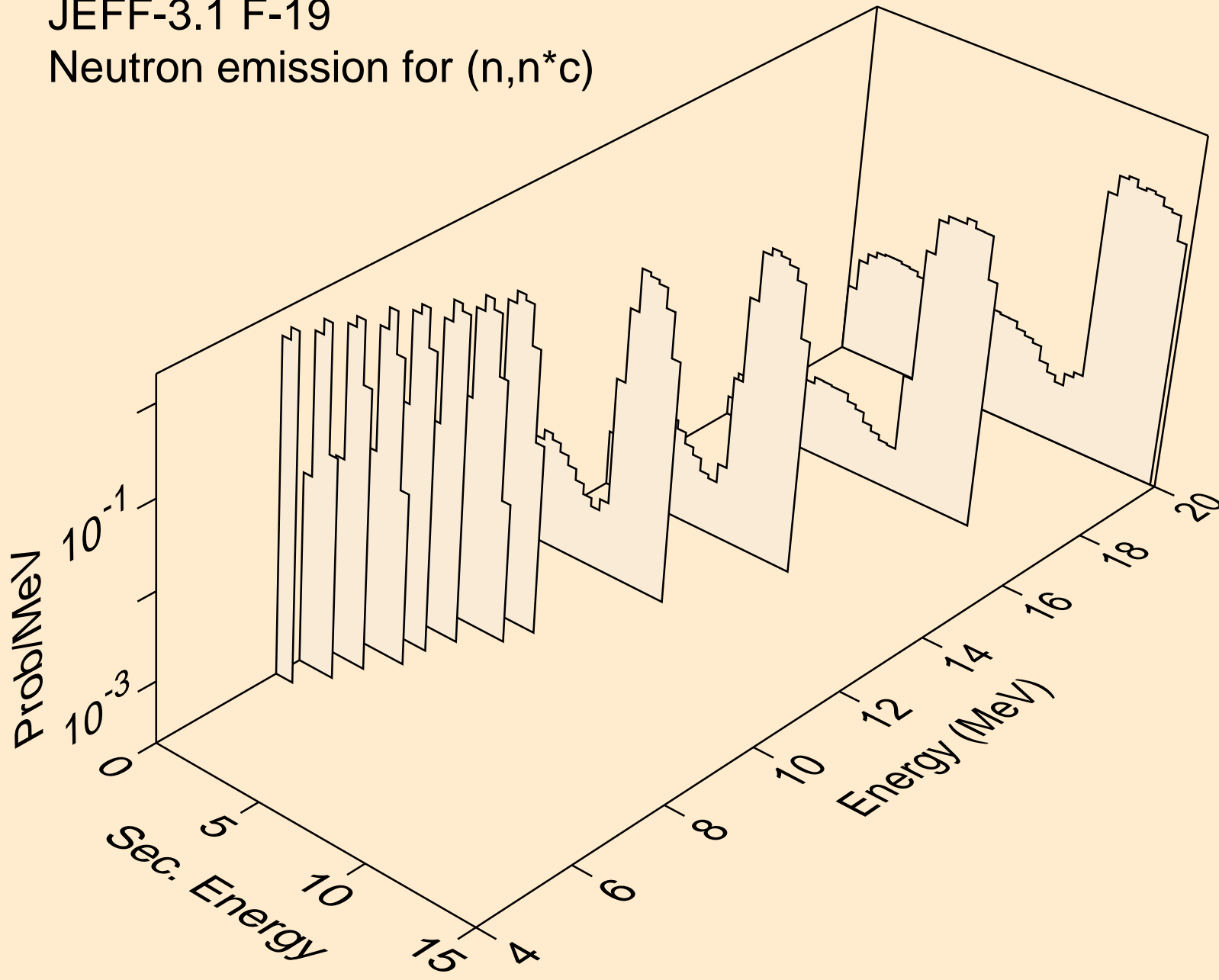


JEFF-3.1 F-19

Neutron emission for (n,n*)p

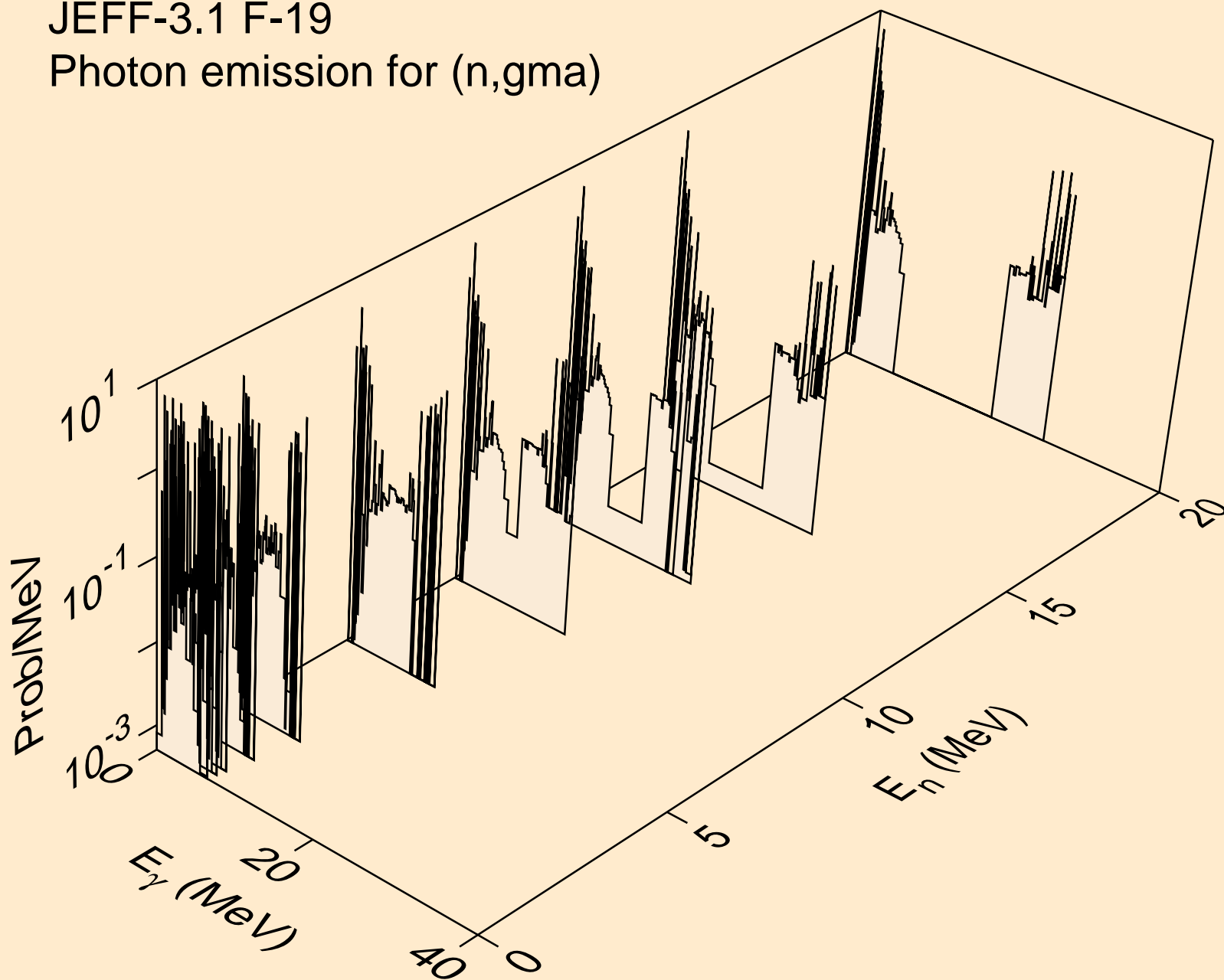


JEFF-3.1 F-19
Neutron emission for (n,n*c)



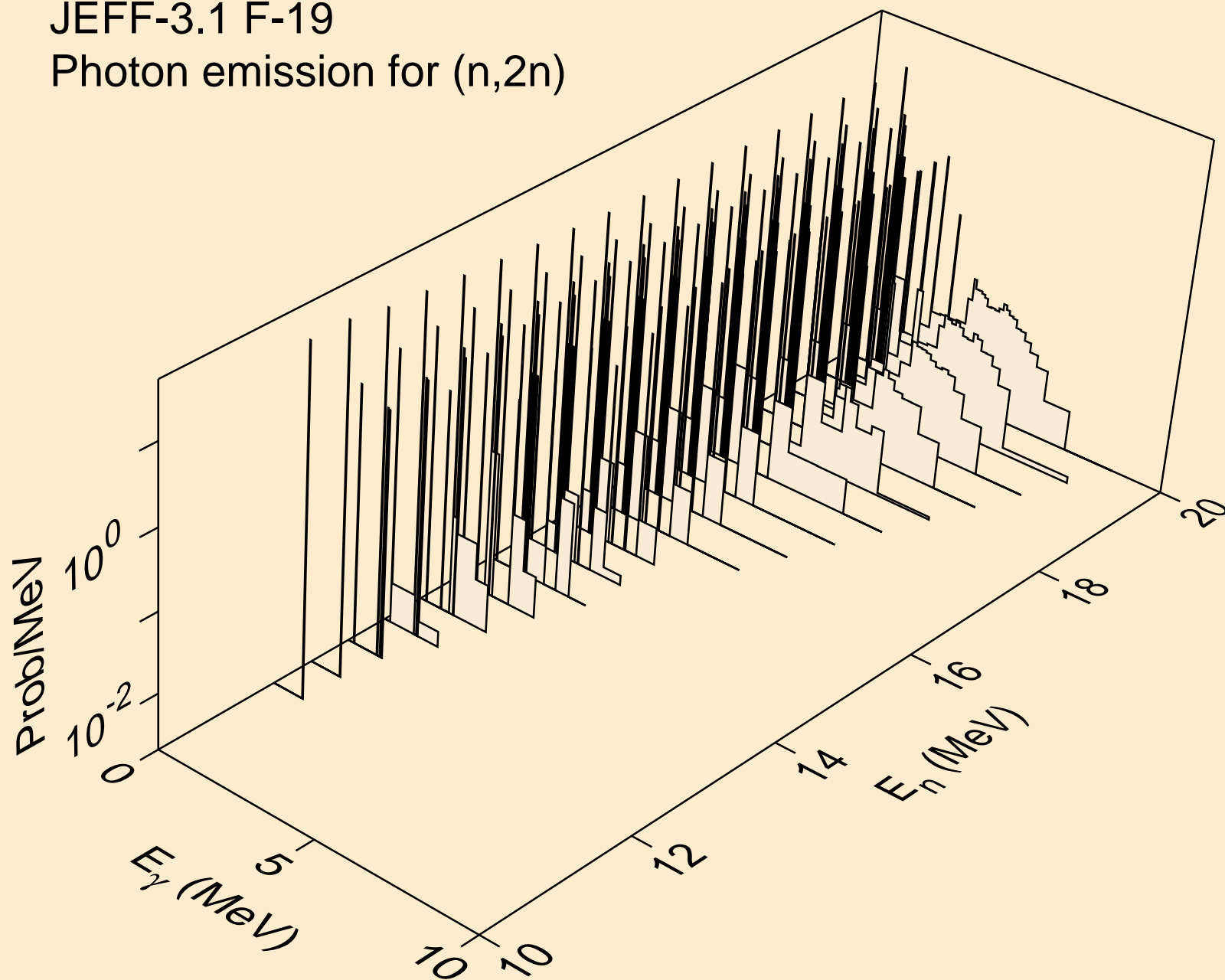
JEFF-3.1 F-19

Photon emission for (n,gma)



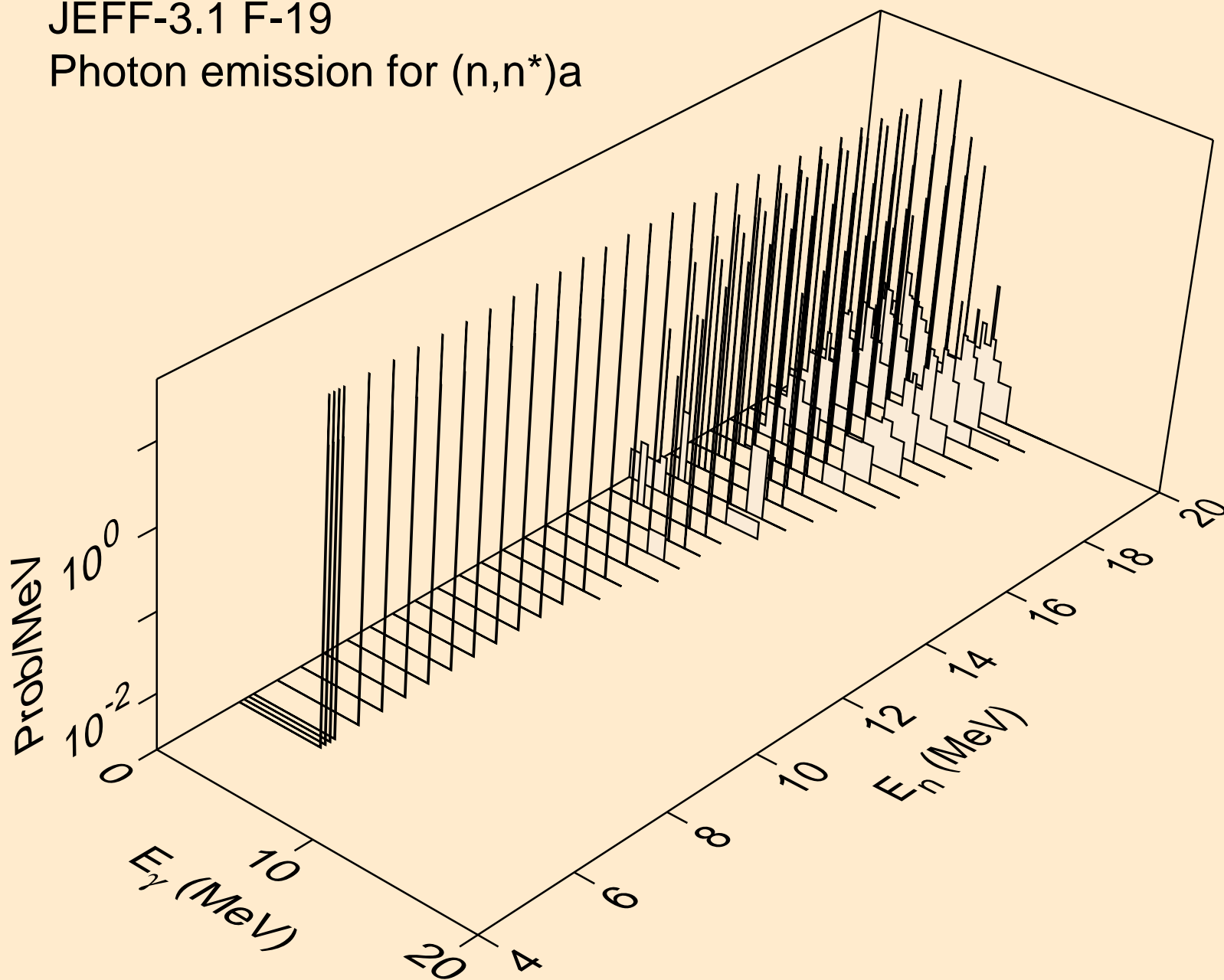
JEFF-3.1 F-19

Photon emission for (n,2n)



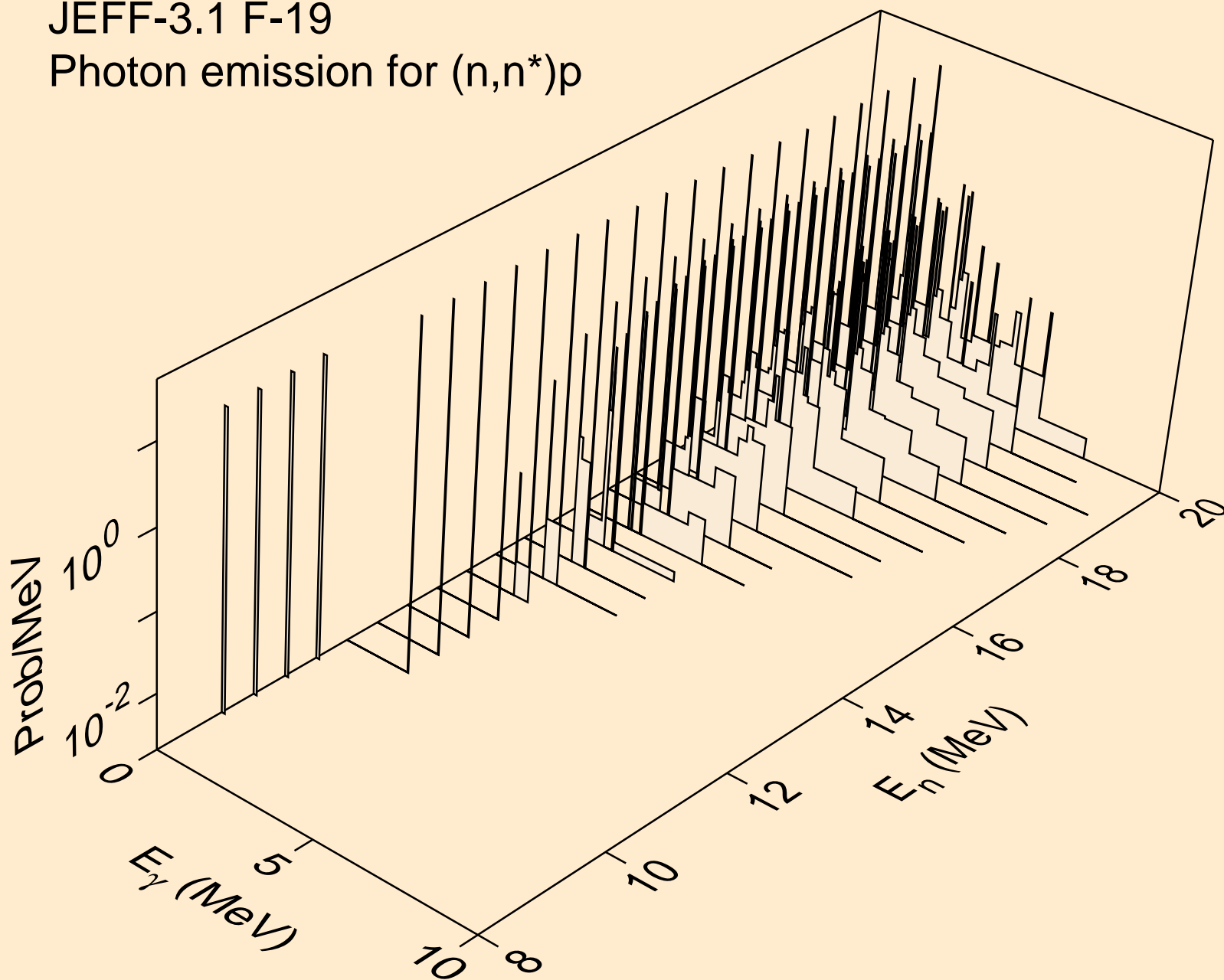
JEFF-3.1 F-19

Photon emission for (n,n*)a

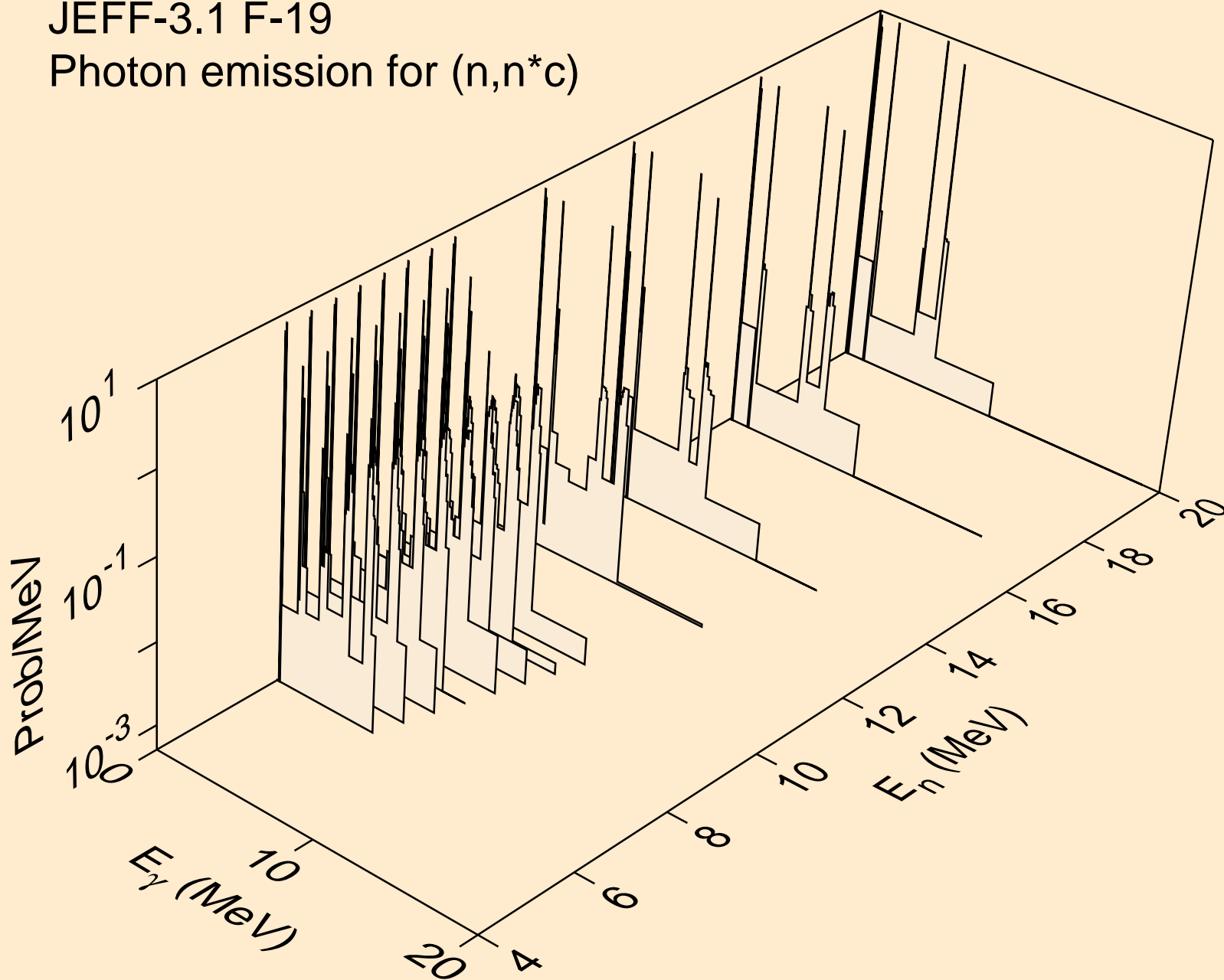


JEFF-3.1 F-19

Photon emission for (n,n*)p

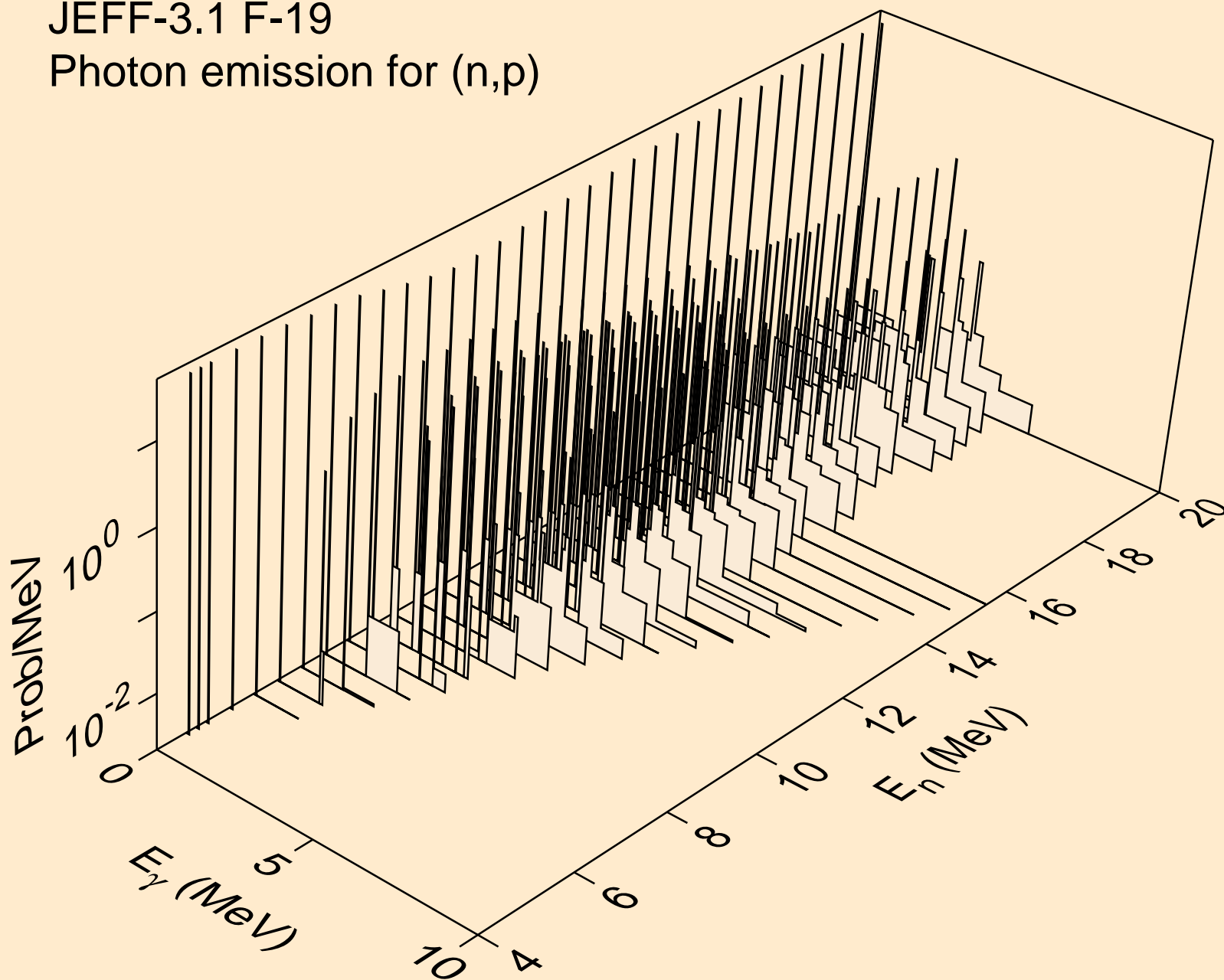


JEFF-3.1 F-19
Photon emission for (n,n*c)



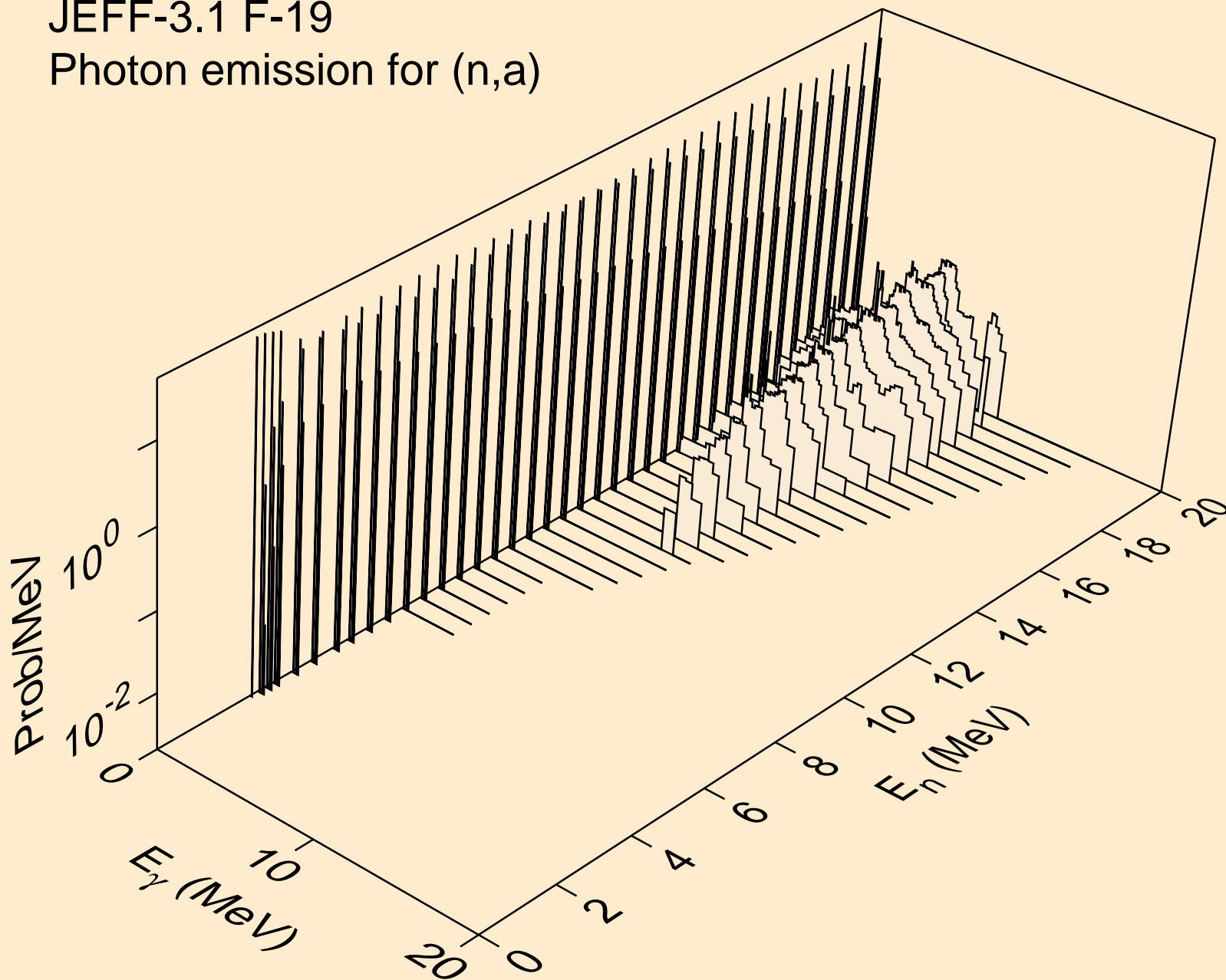
JEFF-3.1 F-19

Photon emission for (n,p)

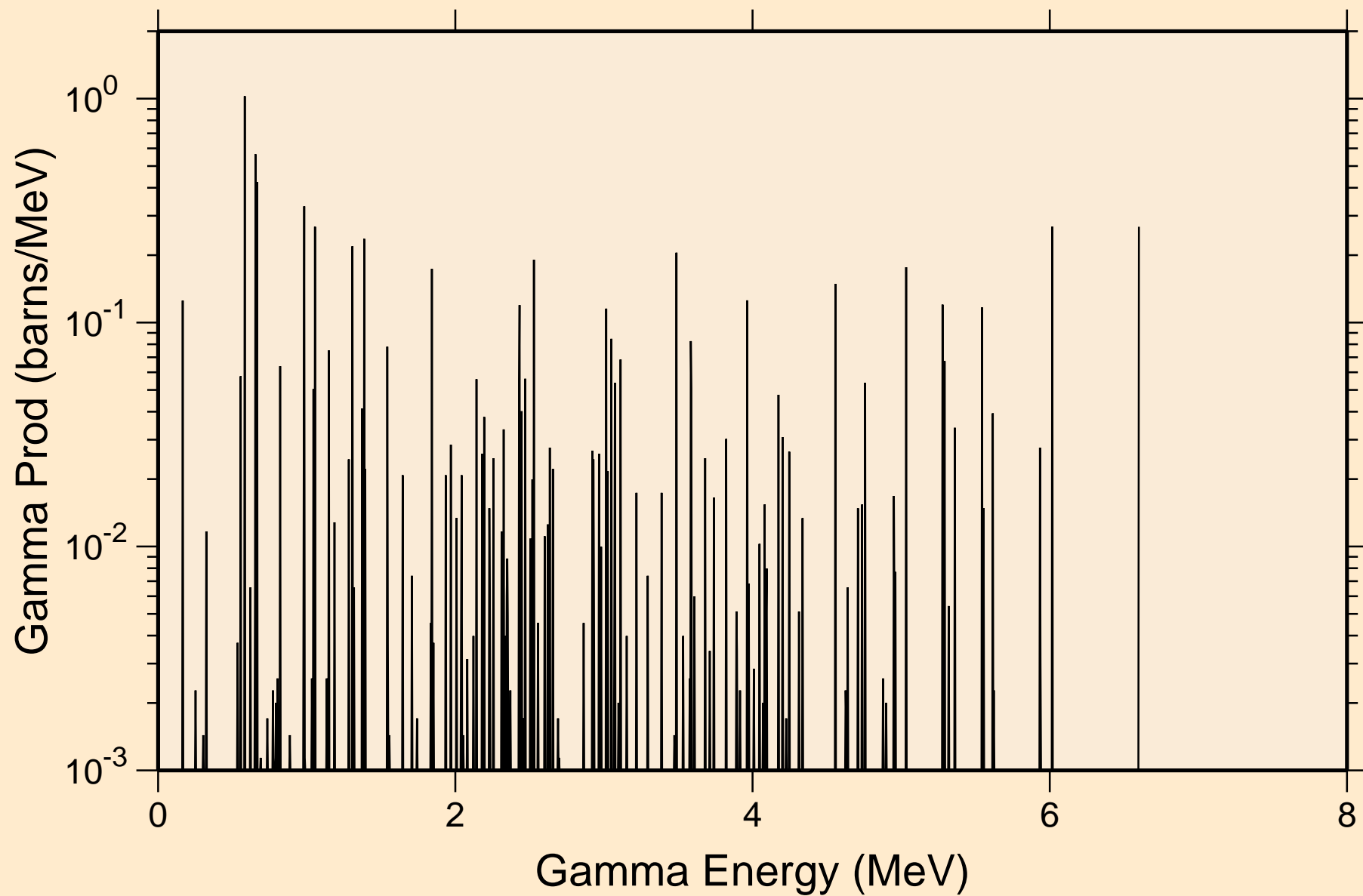


JEFF-3.1 F-19

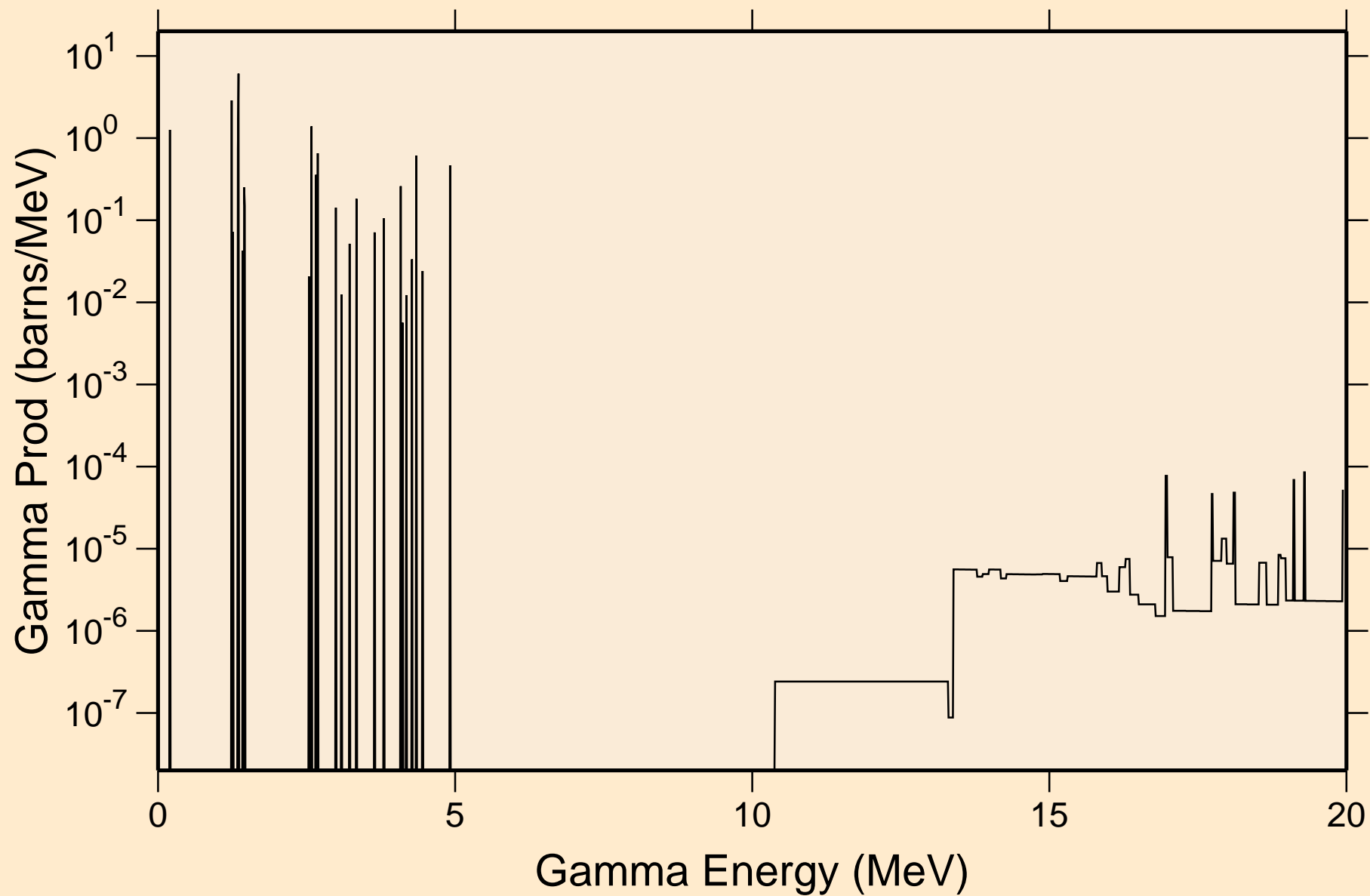
Photon emission for (n,a)



JEFF-3.1 F-19
thermal capture photon spectrum

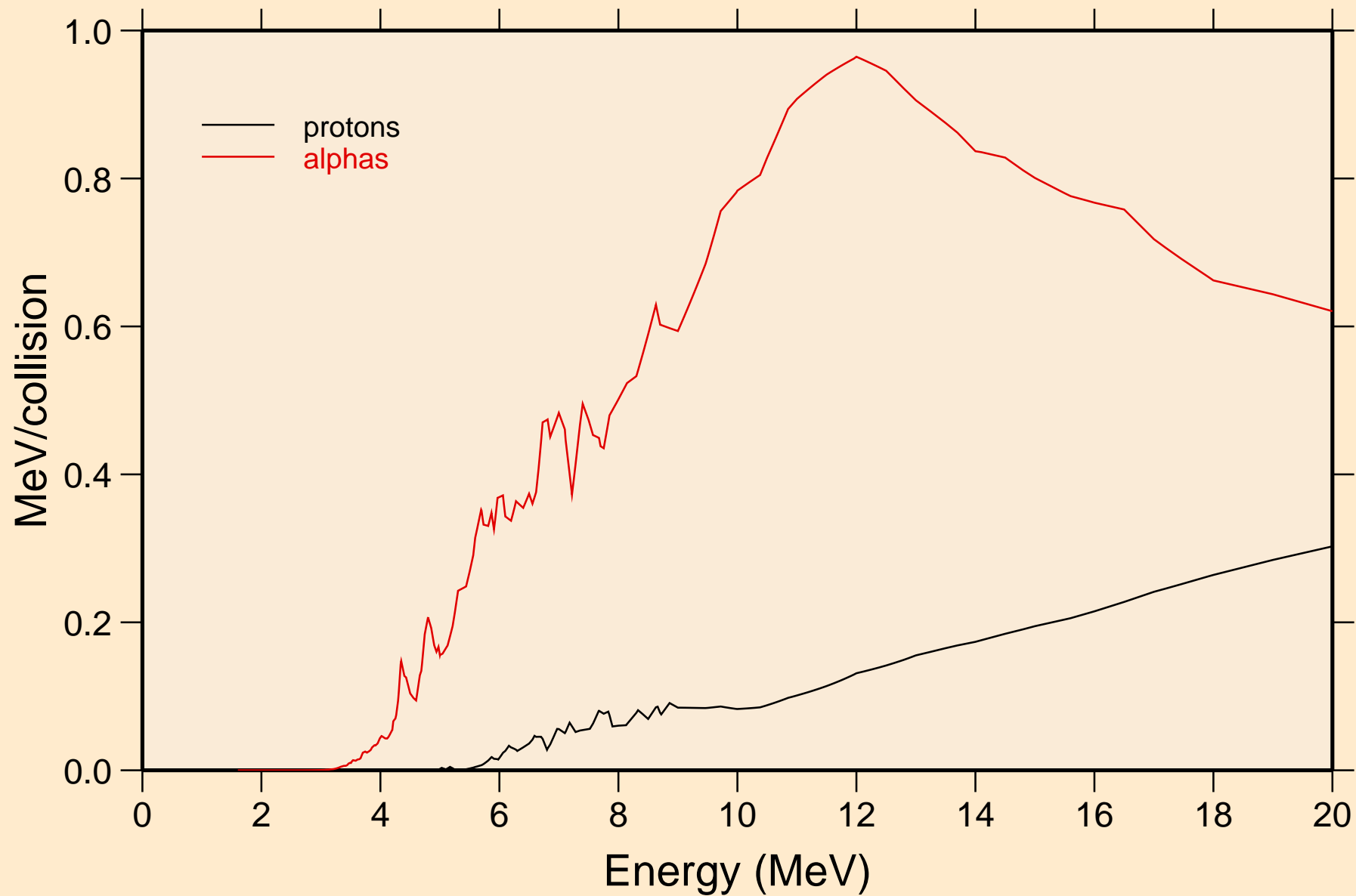


JEFF-3.1 F-19
14 MeV photon spectrum

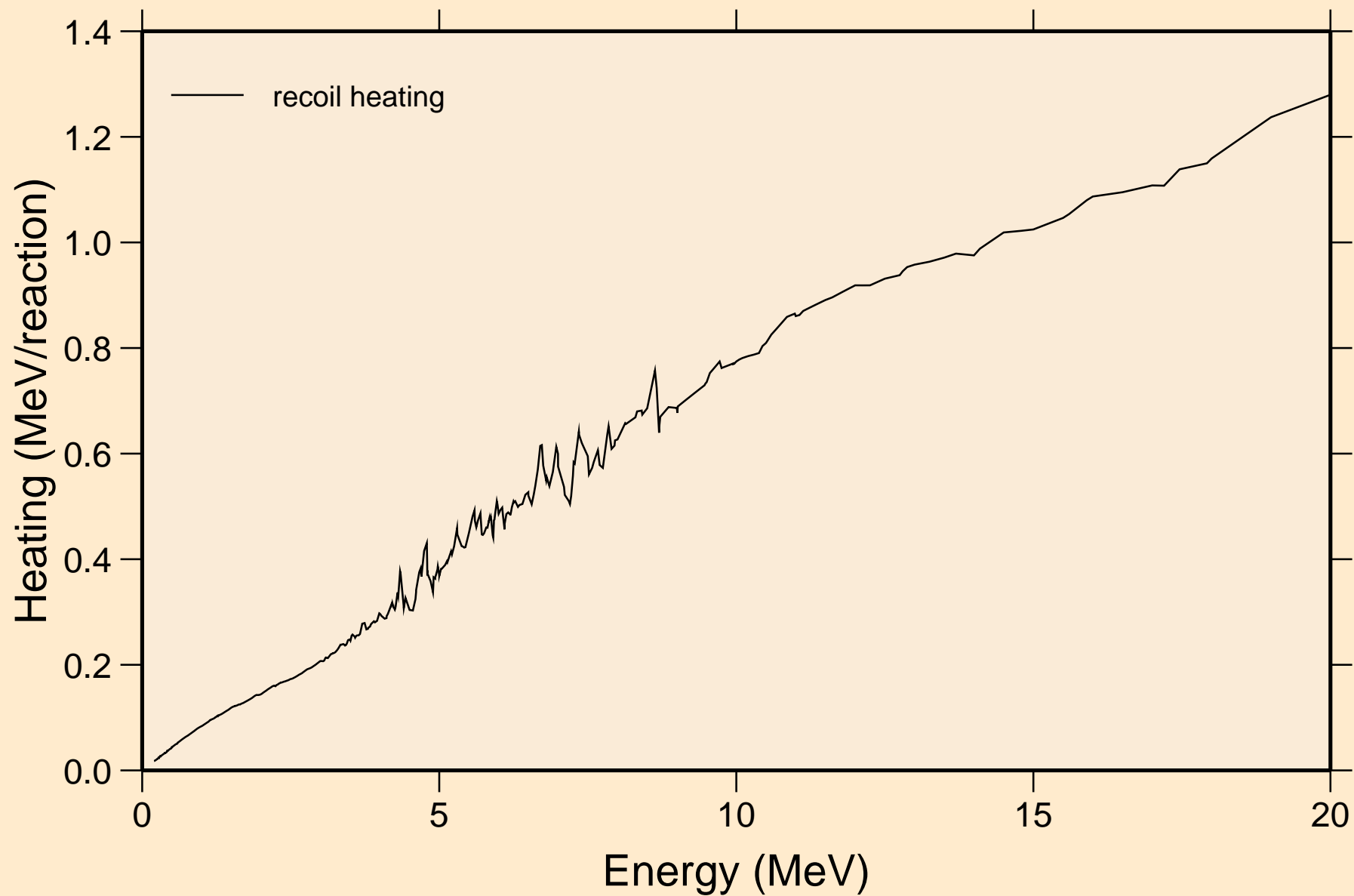


JEFF-3.1 F-19

Particle heating contributions

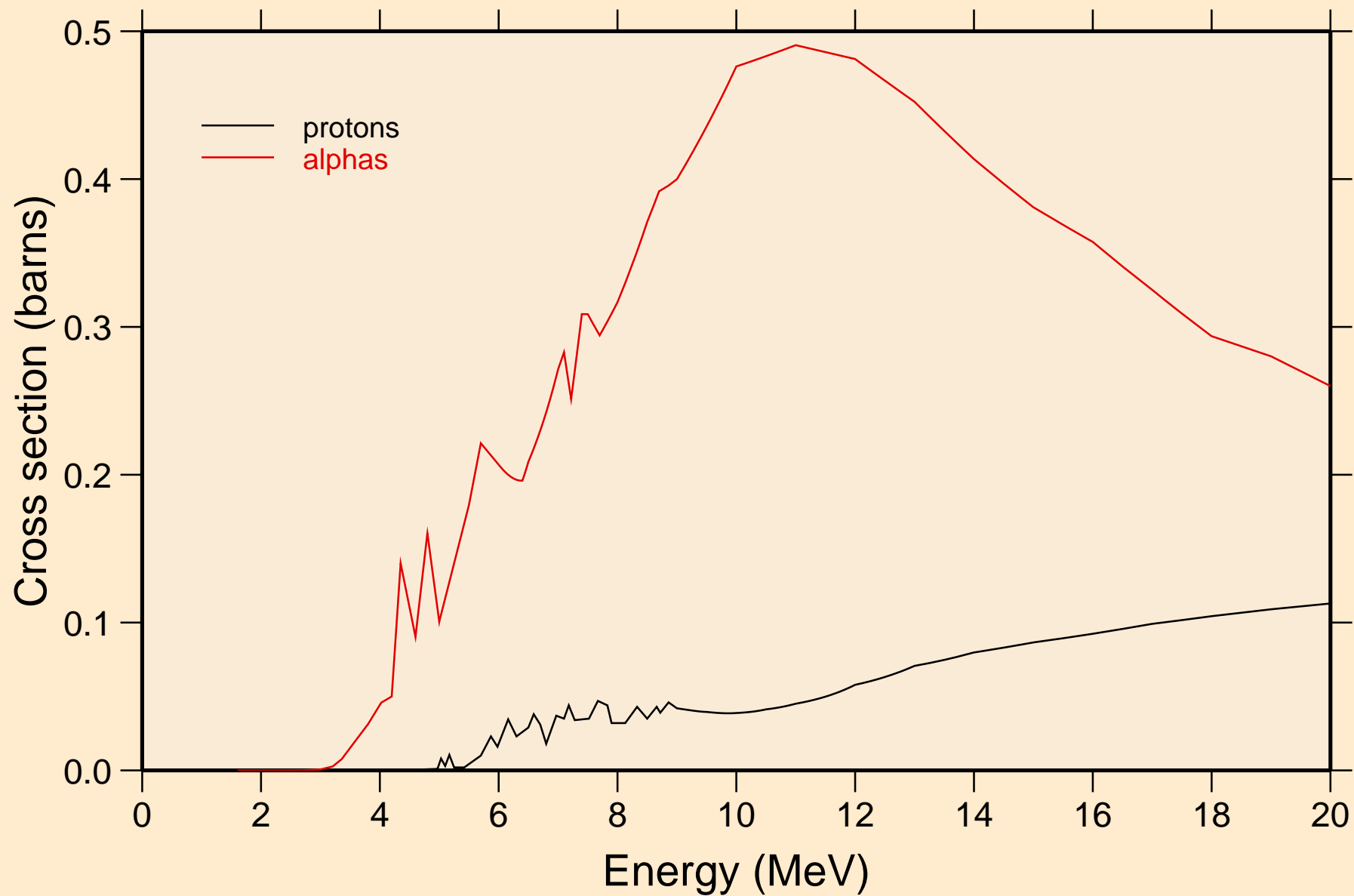


JEFF-3.1 F-19 Recoil Heating

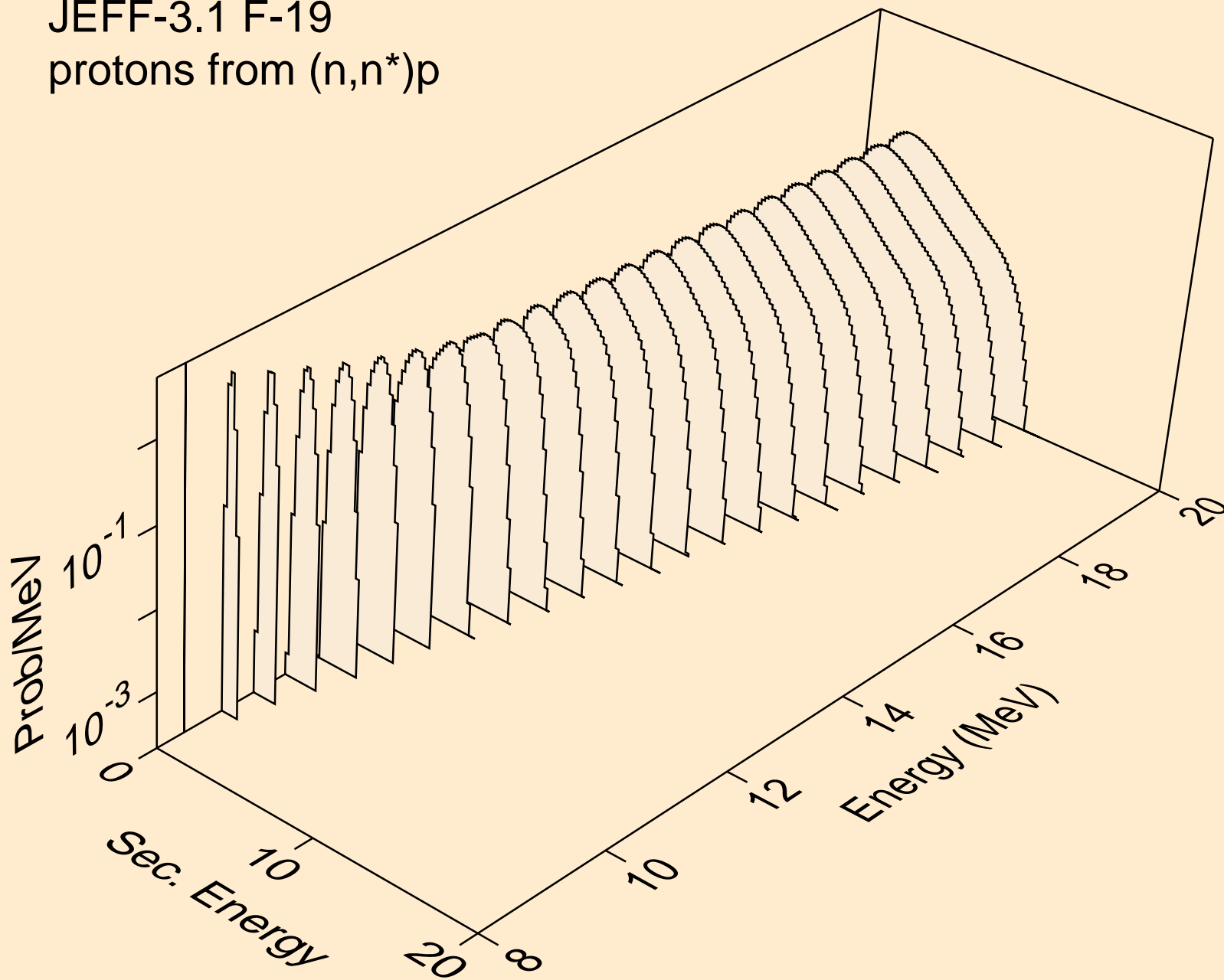


JEFF-3.1 F-19

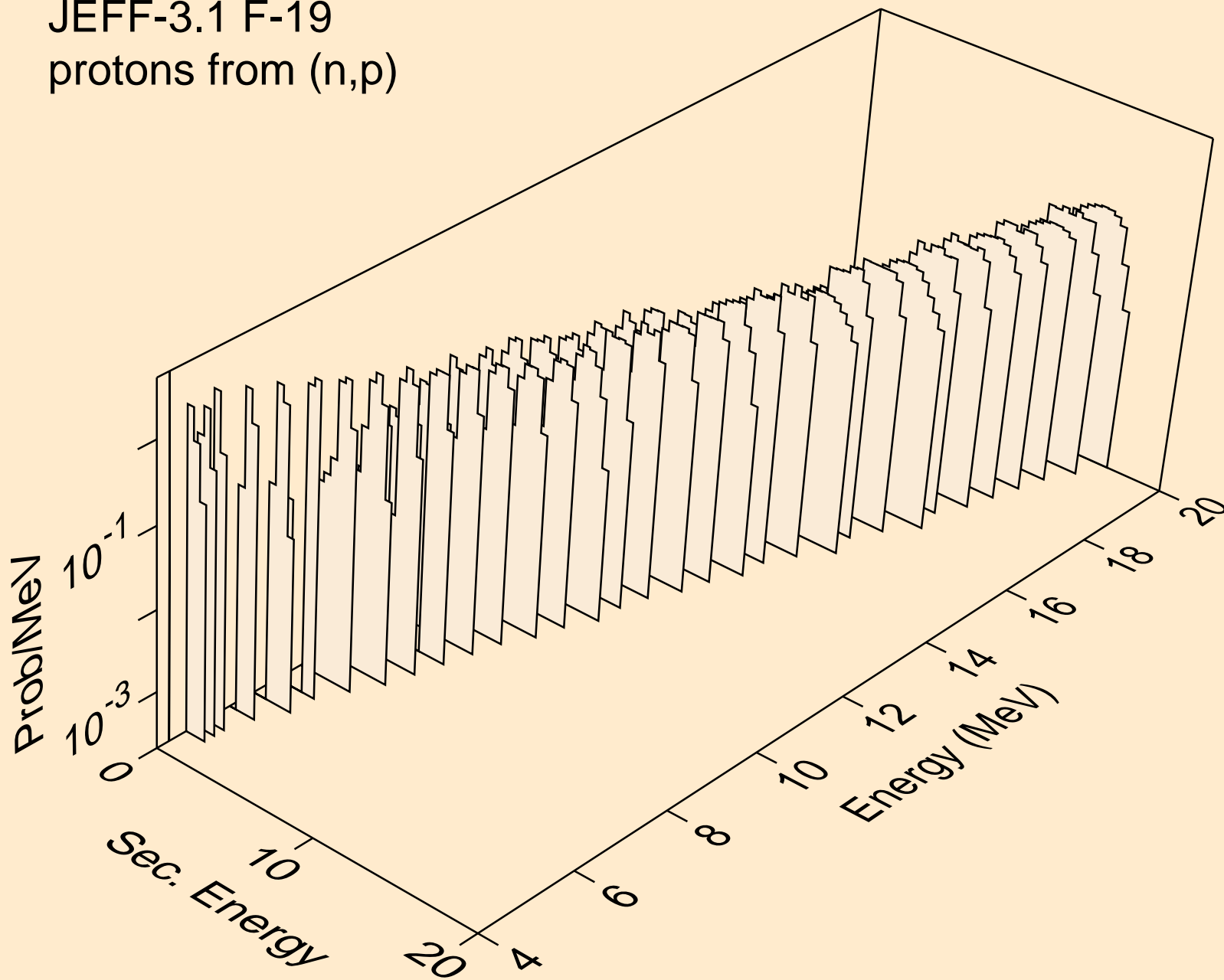
Particle production cross sections



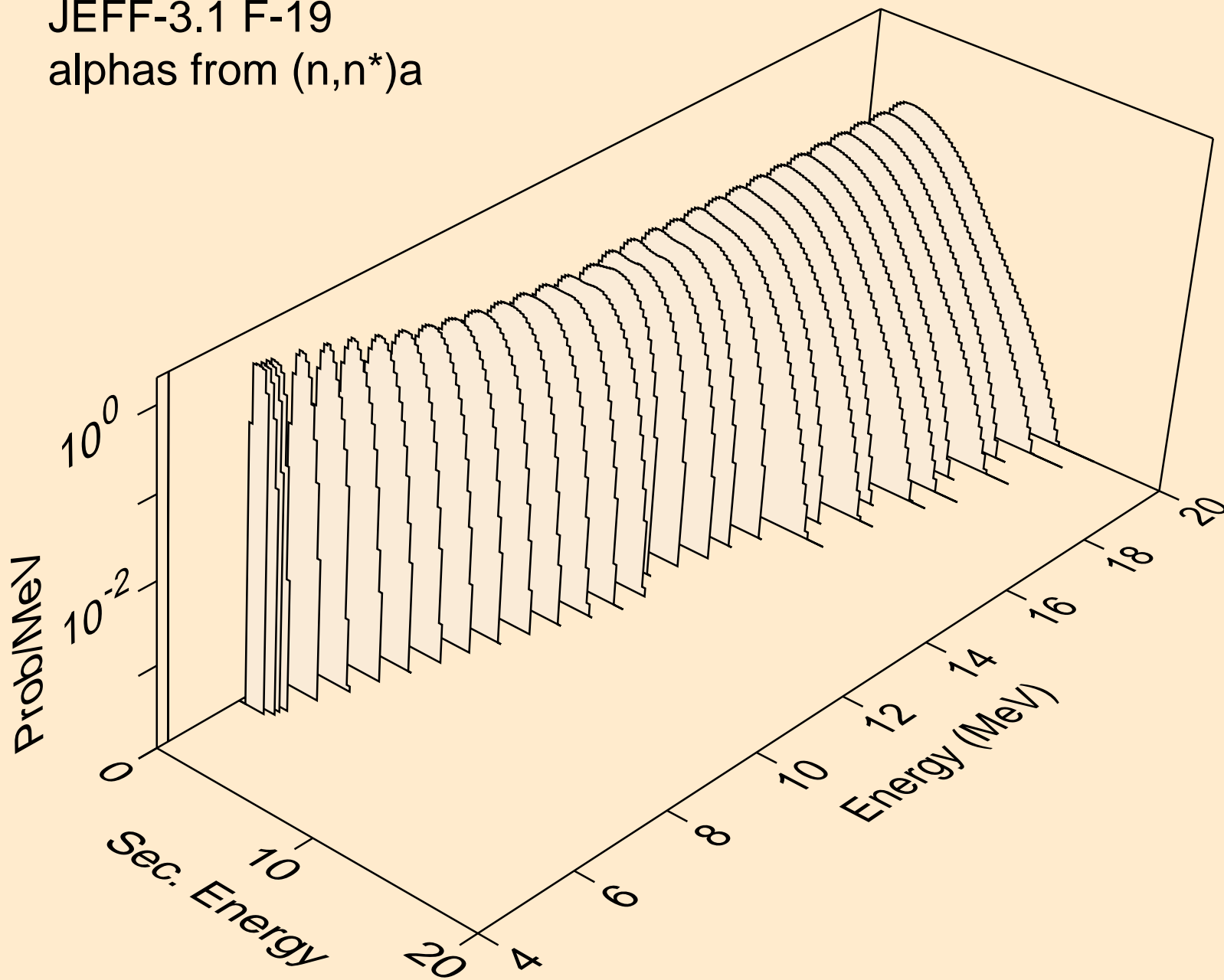
JEFF-3.1 F-19
protons from (n,n*)p



JEFF-3.1 F-19
protons from (n,p)



JEFF-3.1 F-19
alphas from (n,n*)a



JEFF-3.1 F-19
alphas from (n,a)

