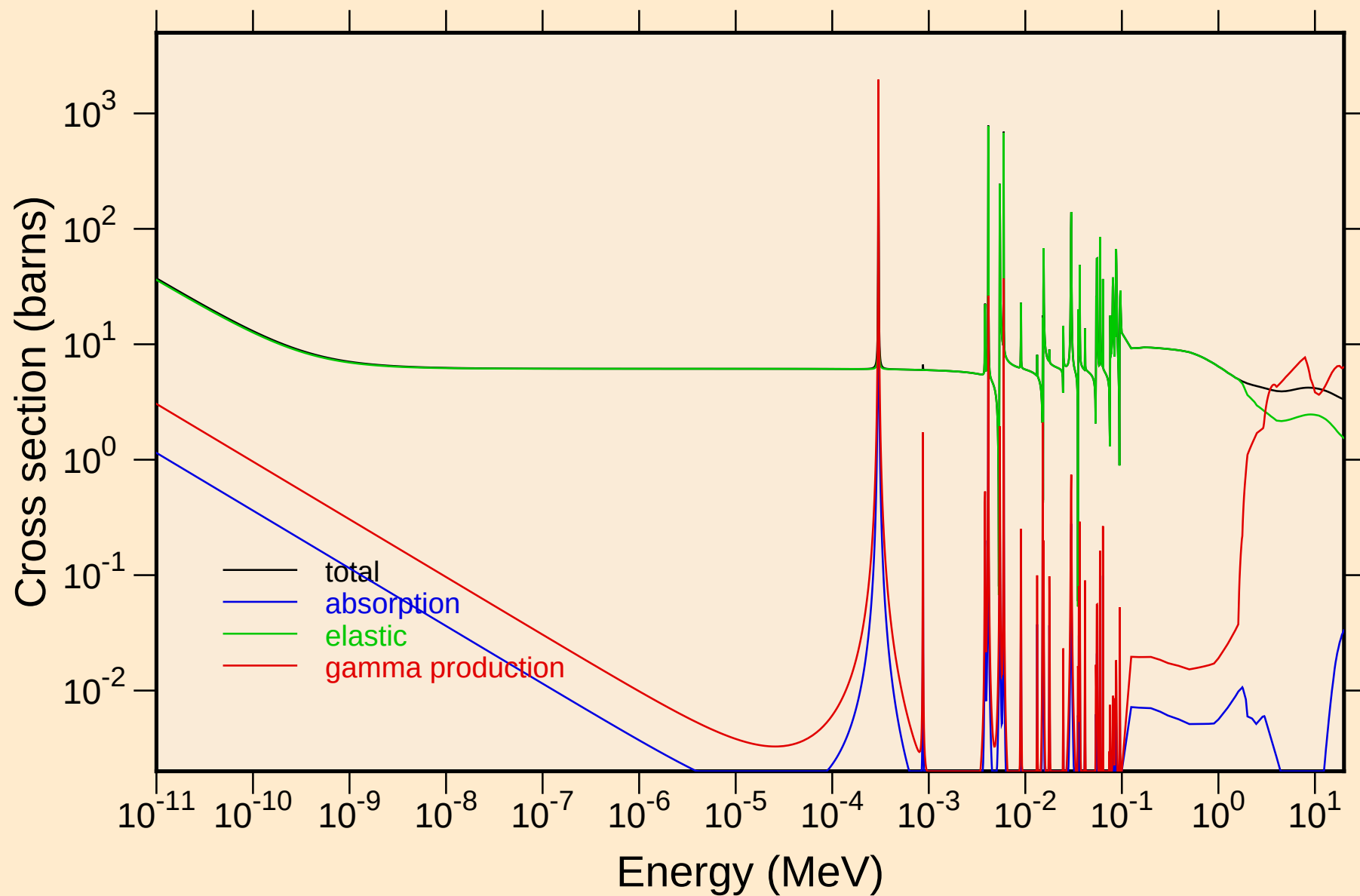
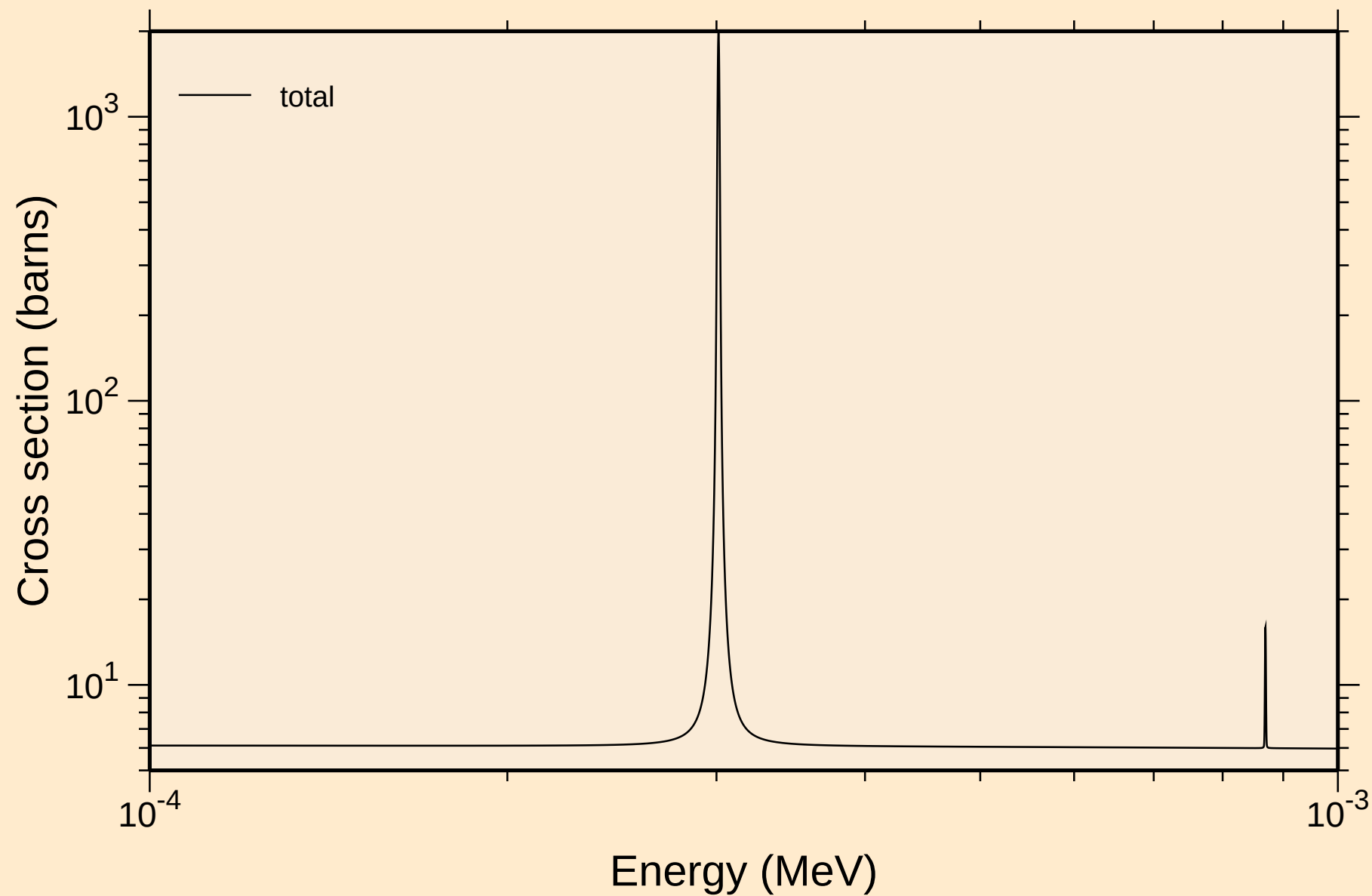


JEFF-3.1 ZR-96

Principal cross sections

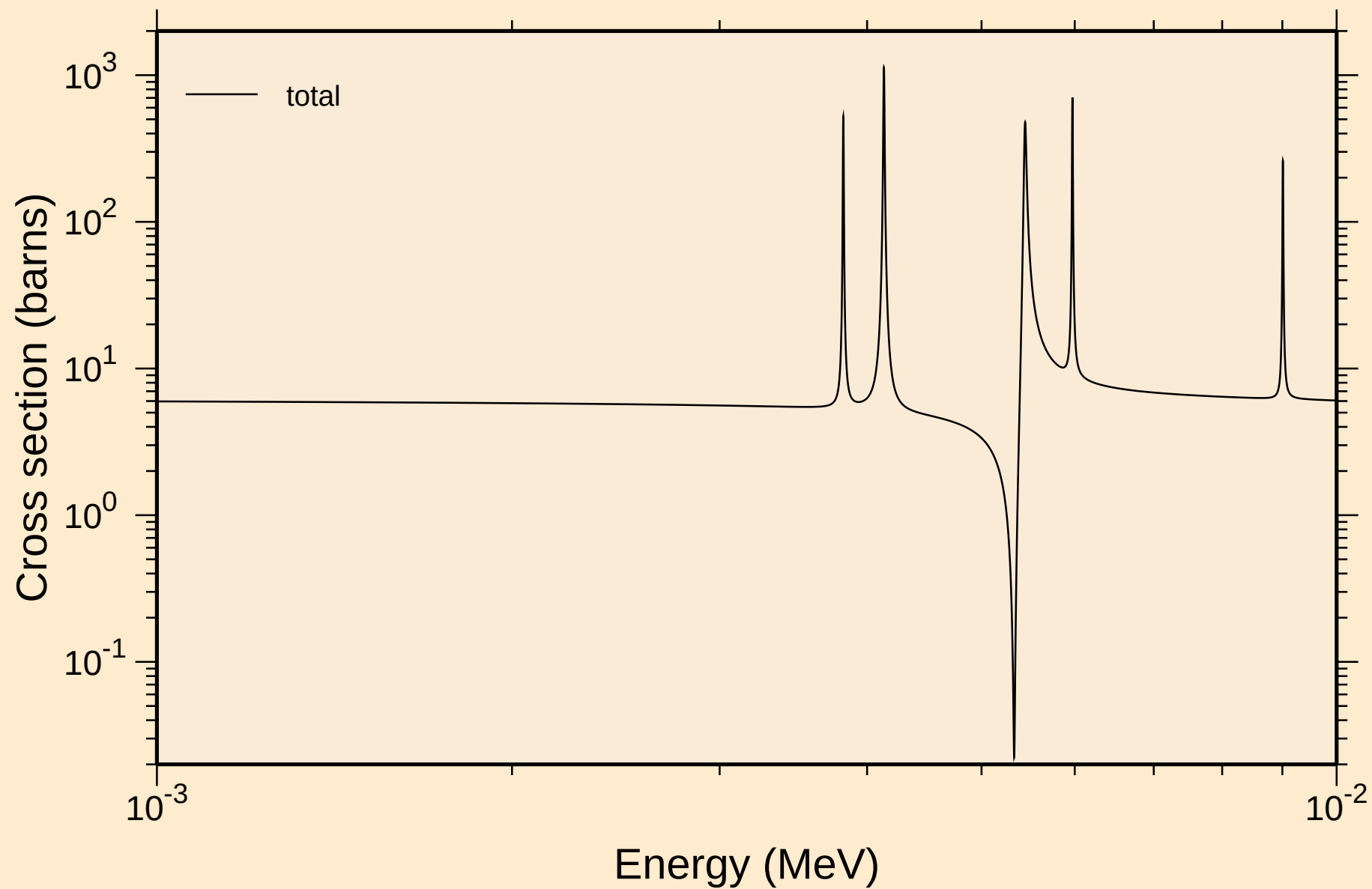


JEFF-3.1 ZR-96
resonance total cross section



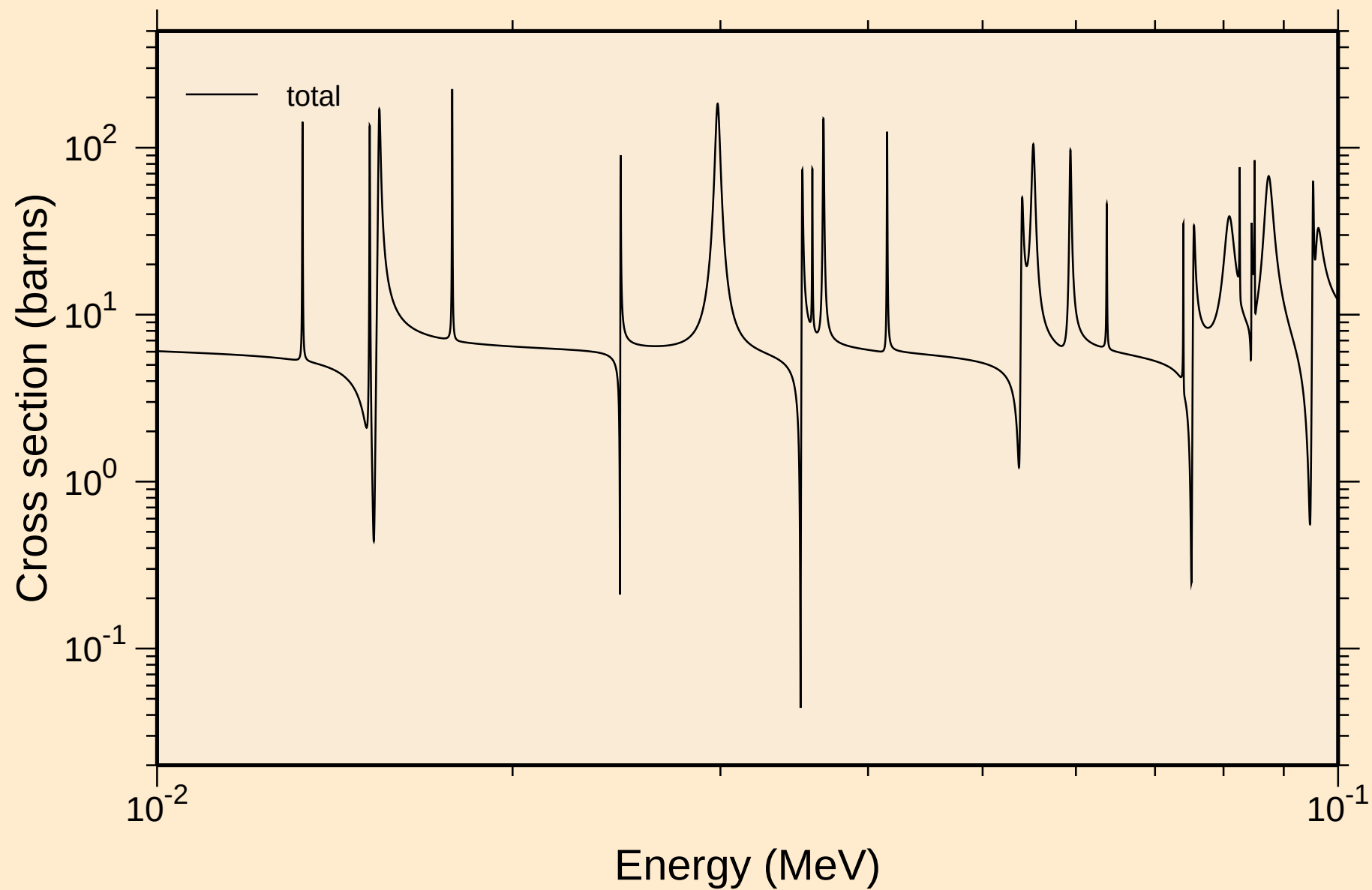
JEFF-3.1 ZR-96

resonance total cross section

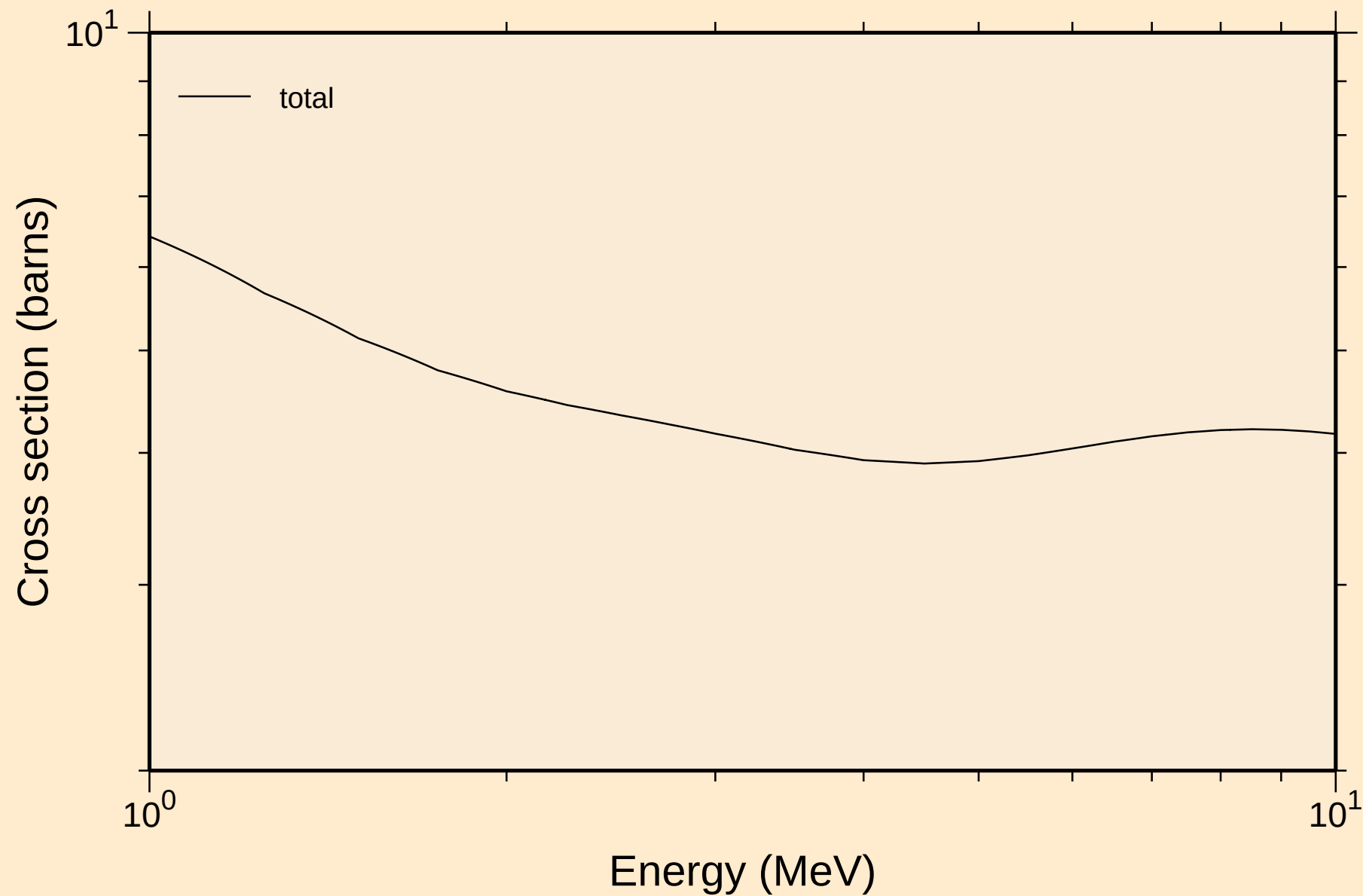


JEFF-3.1 ZR-96

resonance total cross section

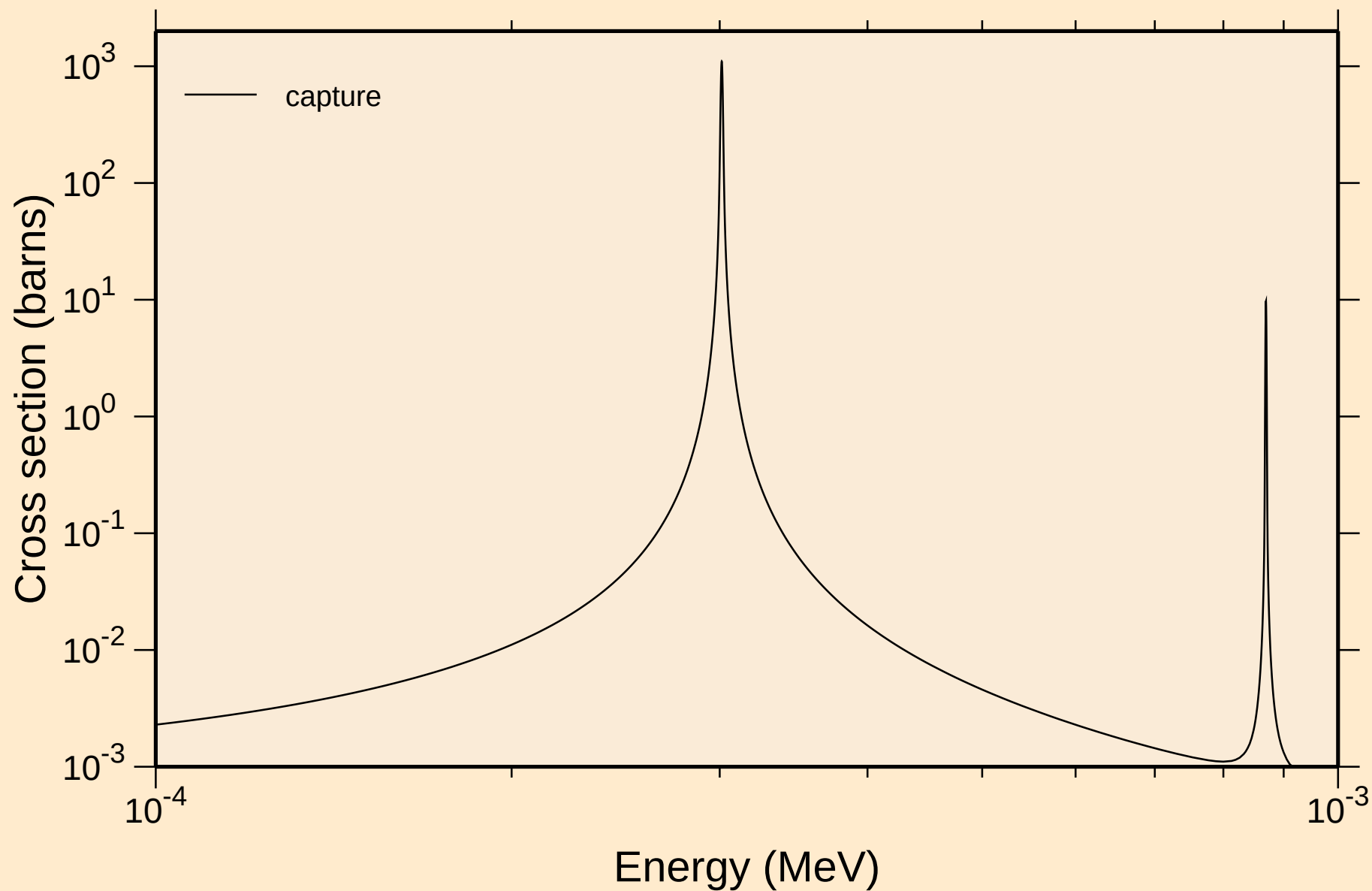


JEFF-3.1 ZR-96
resonance total cross section



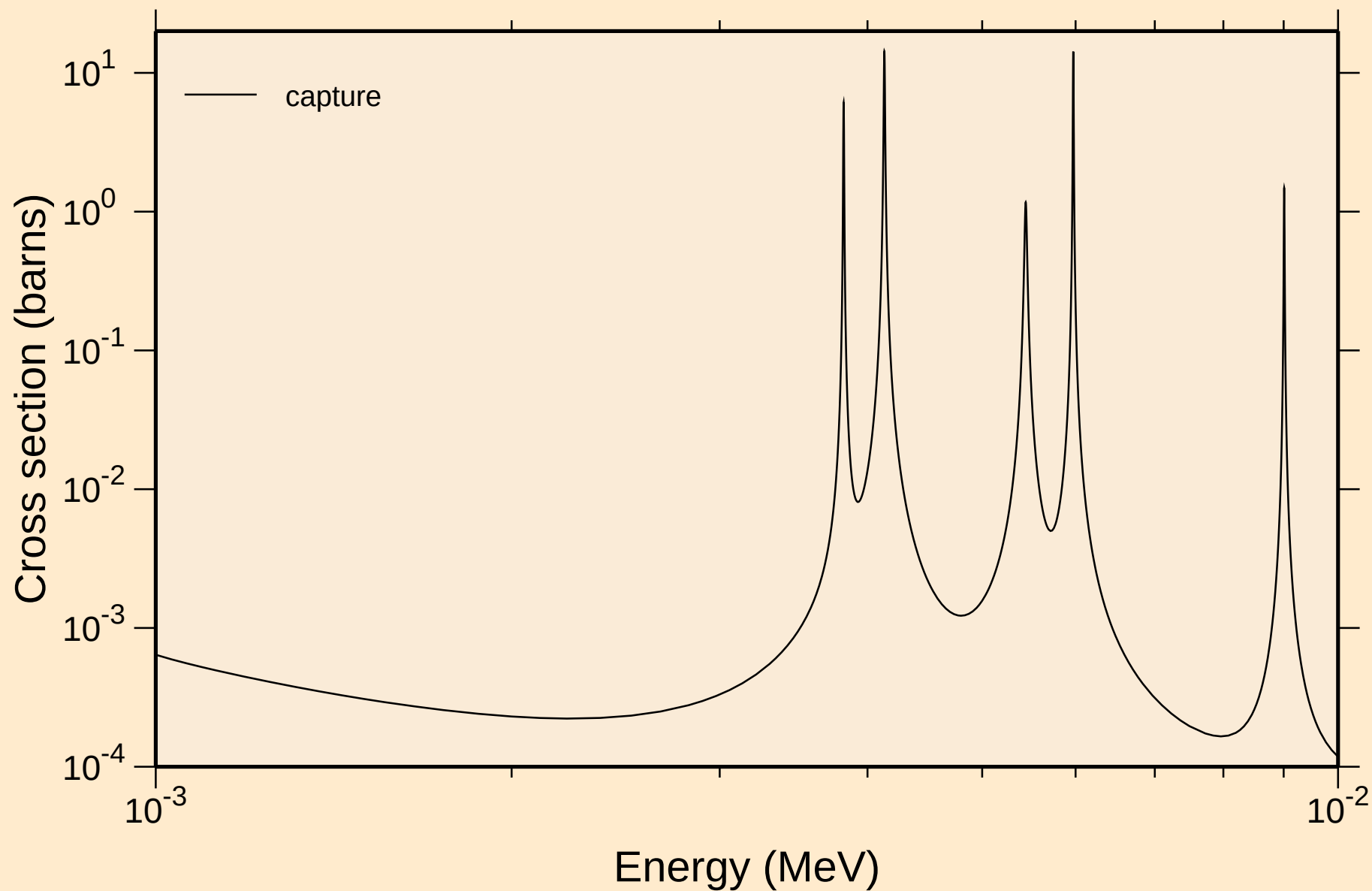
JEFF-3.1 ZR-96

resonance absorption cross sections



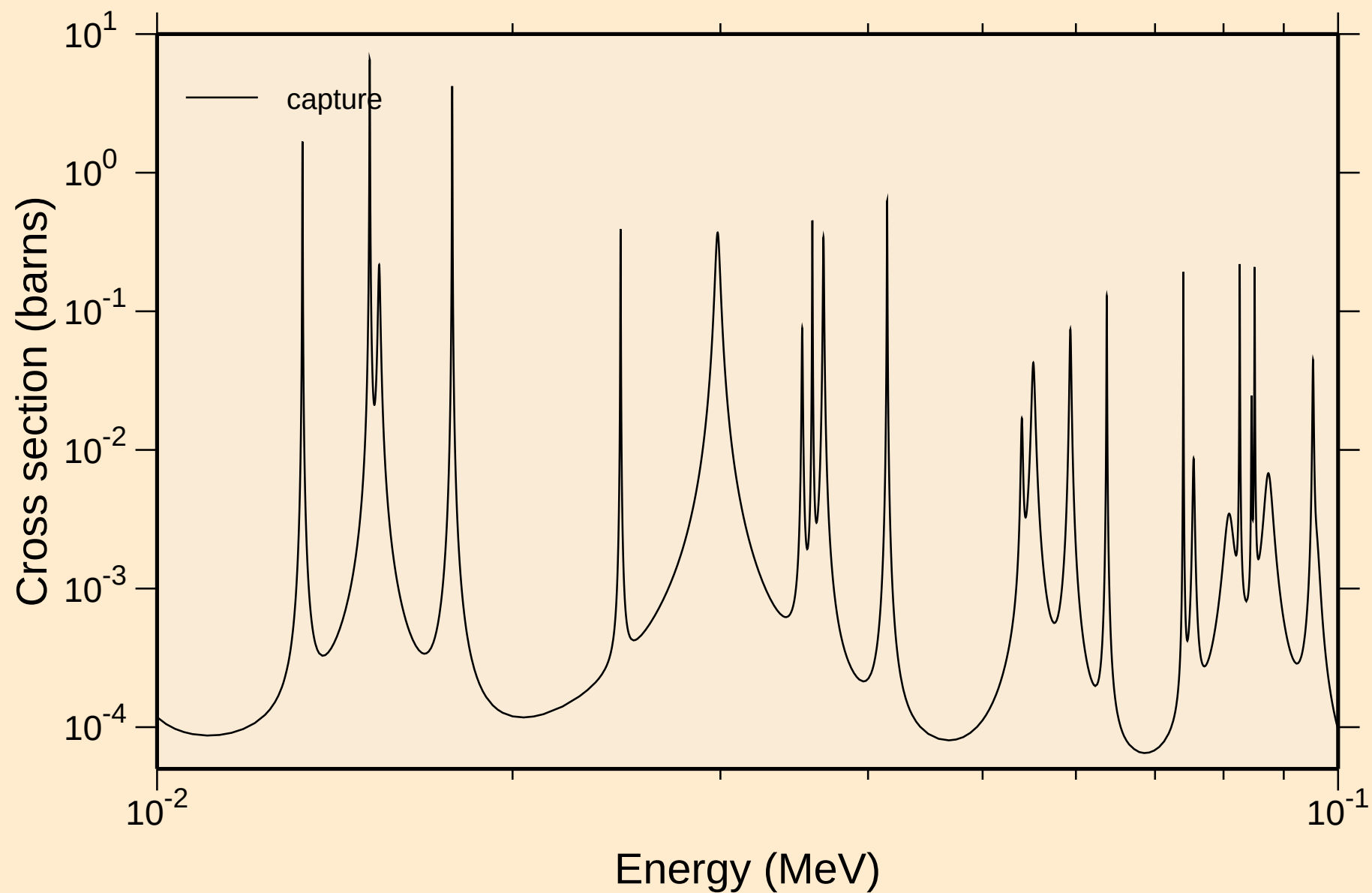
JEFF-3.1 ZR-96

resonance absorption cross sections



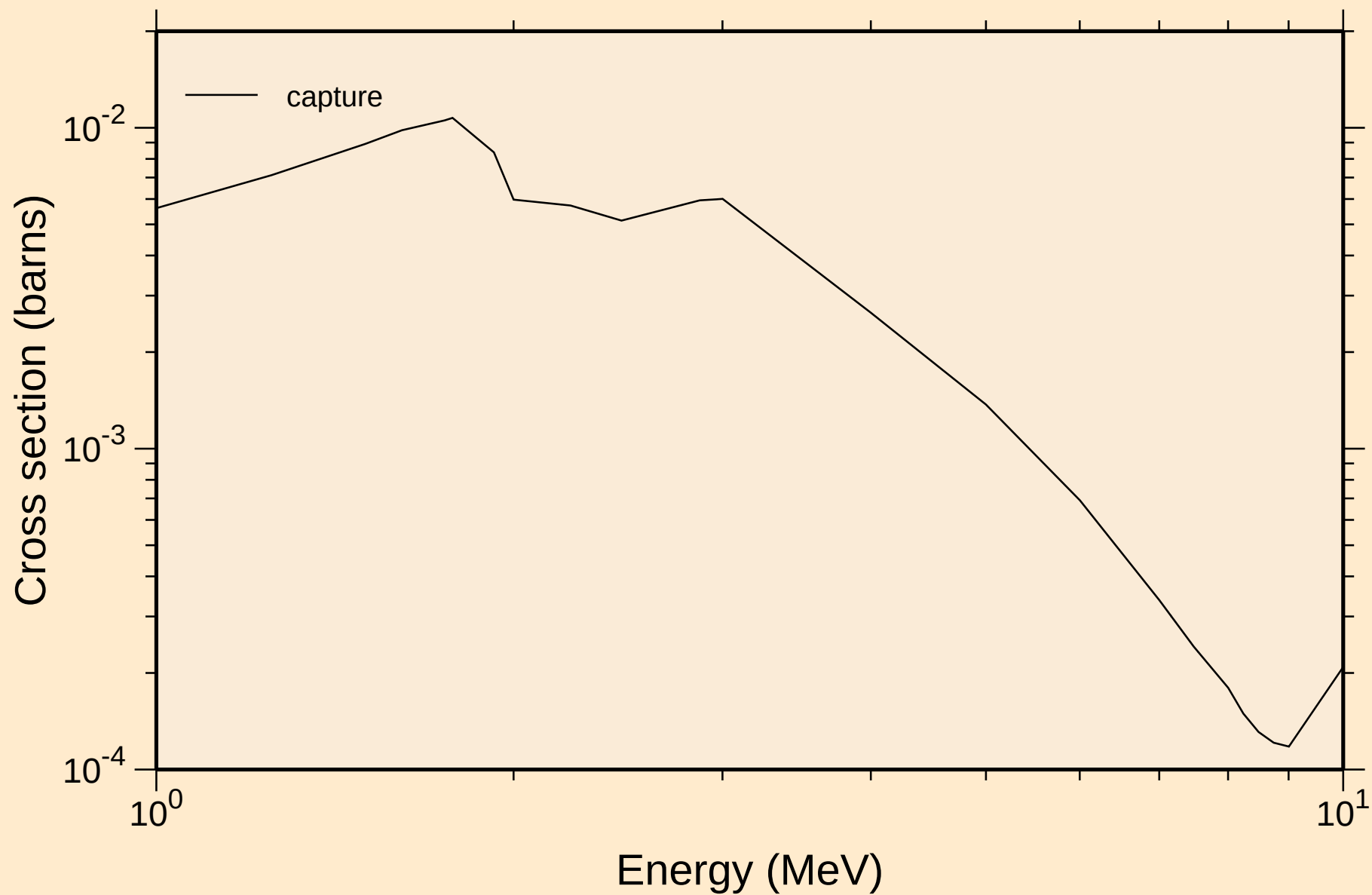
JEFF-3.1 ZR-96

resonance absorption cross sections



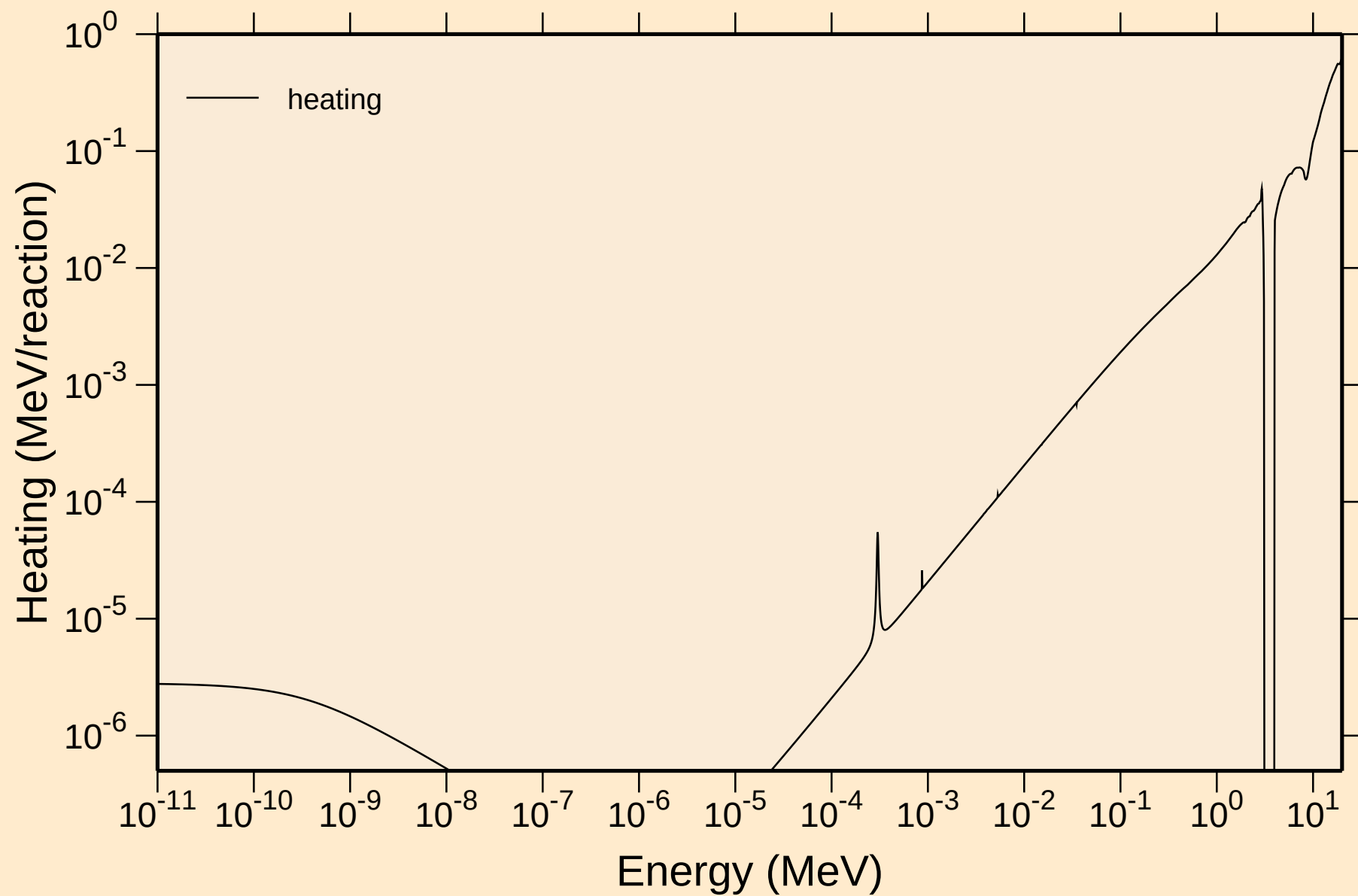
JEFF-3.1 ZR-96

resonance absorption cross sections



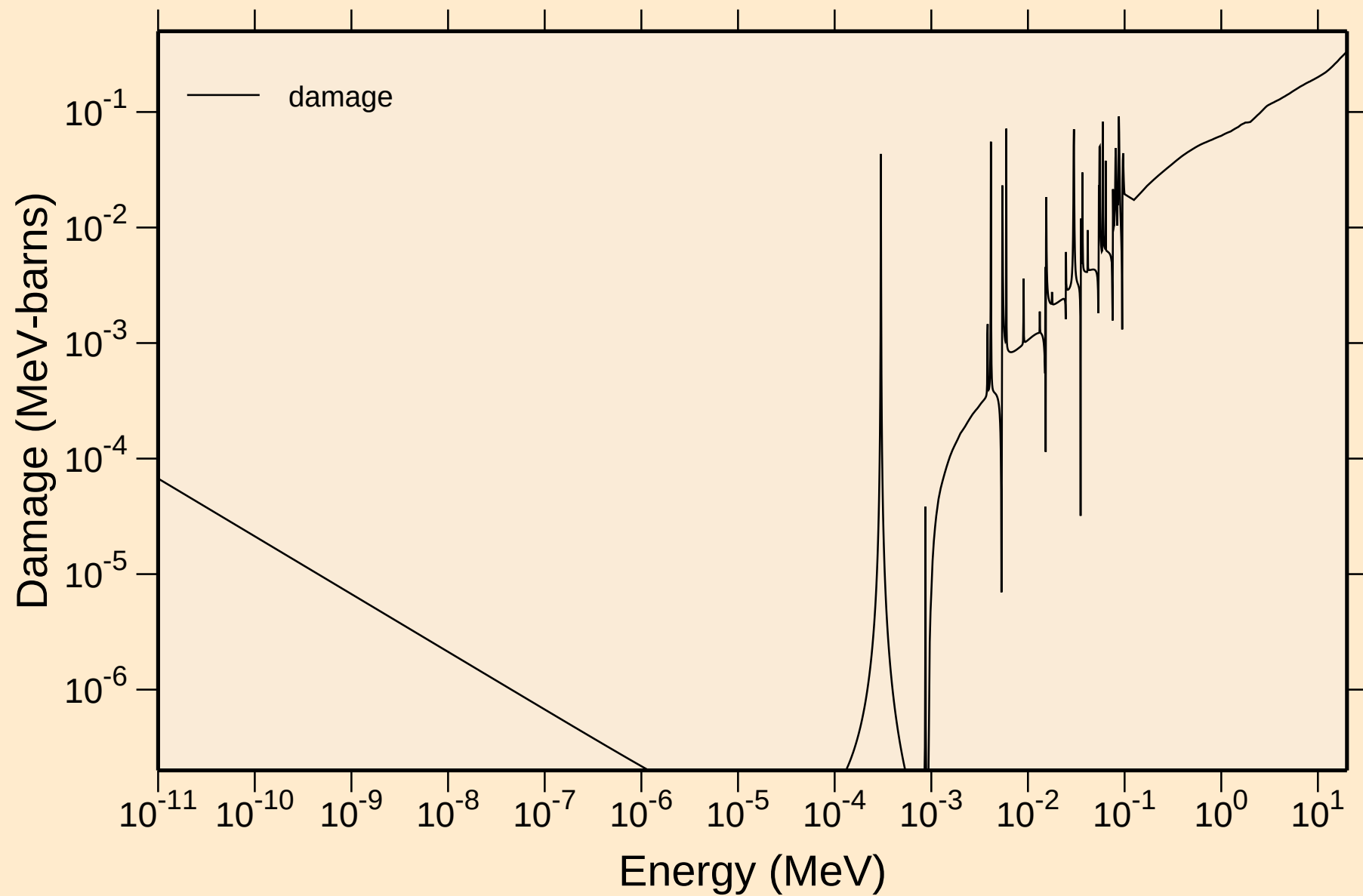
JEFF-3.1 ZR-96

Heating



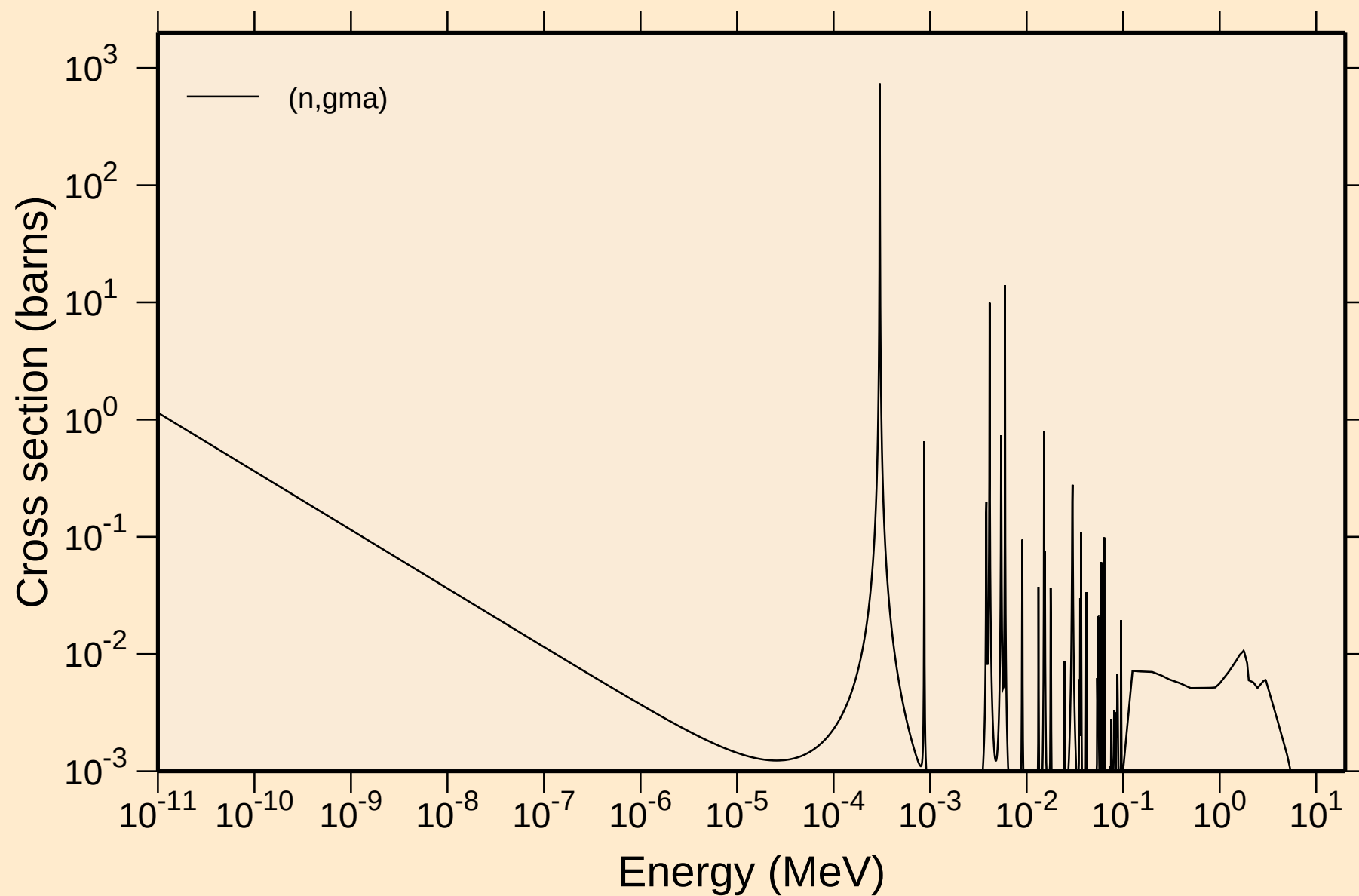
JEFF-3.1 ZR-96

Damage



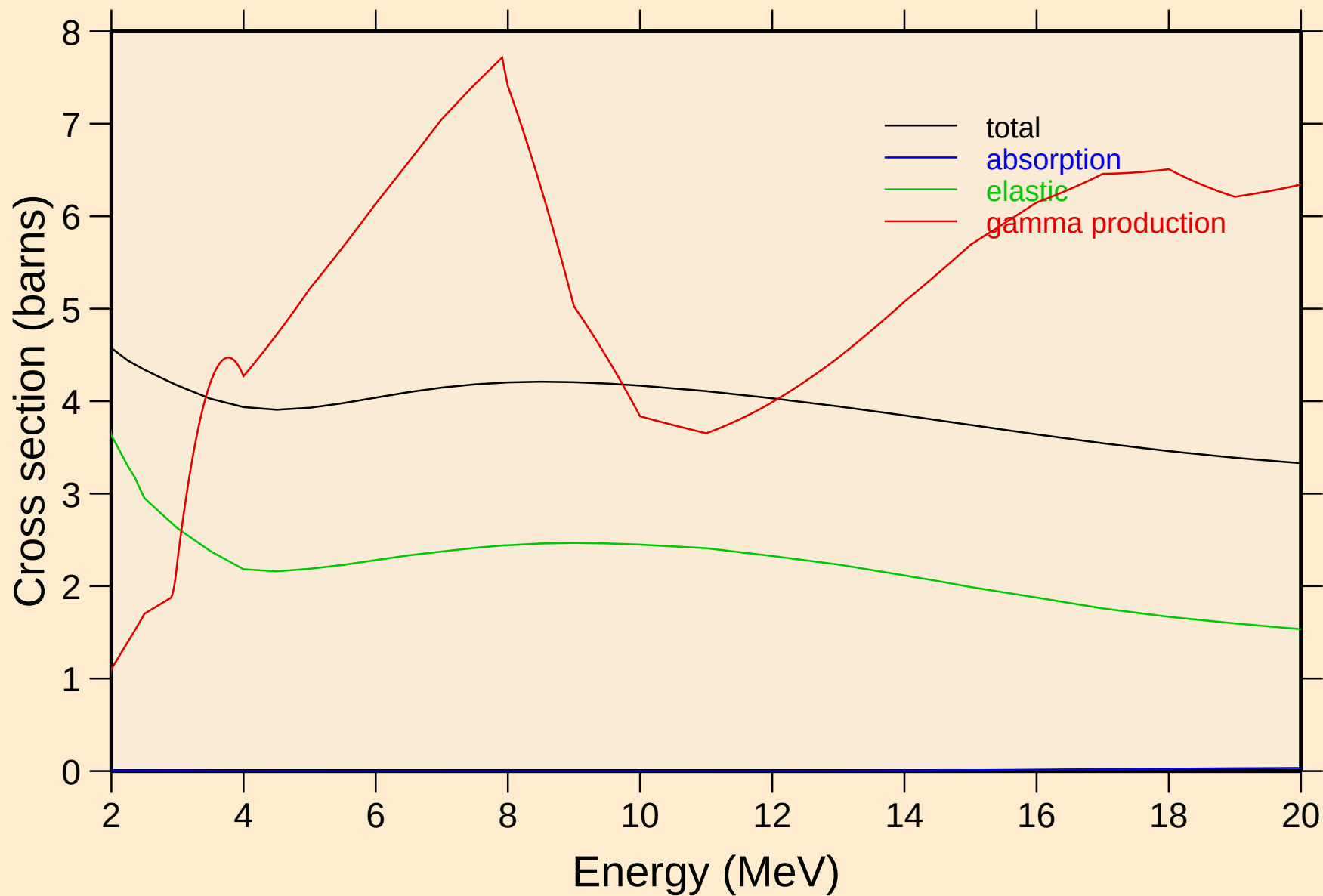
JEFF-3.1 ZR-96

Non-threshold reactions



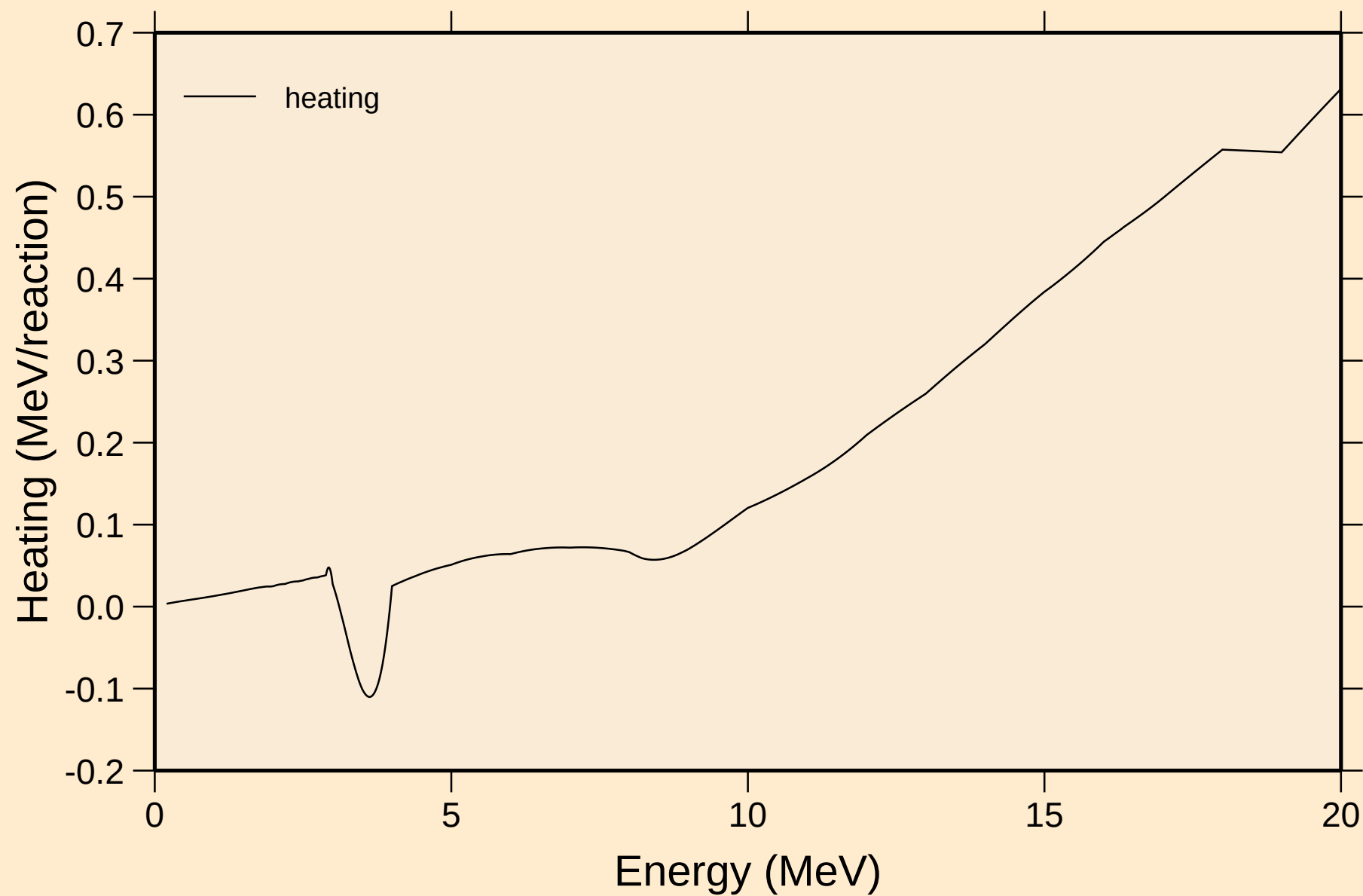
JEFF-3.1 ZR-96

Principal cross sections



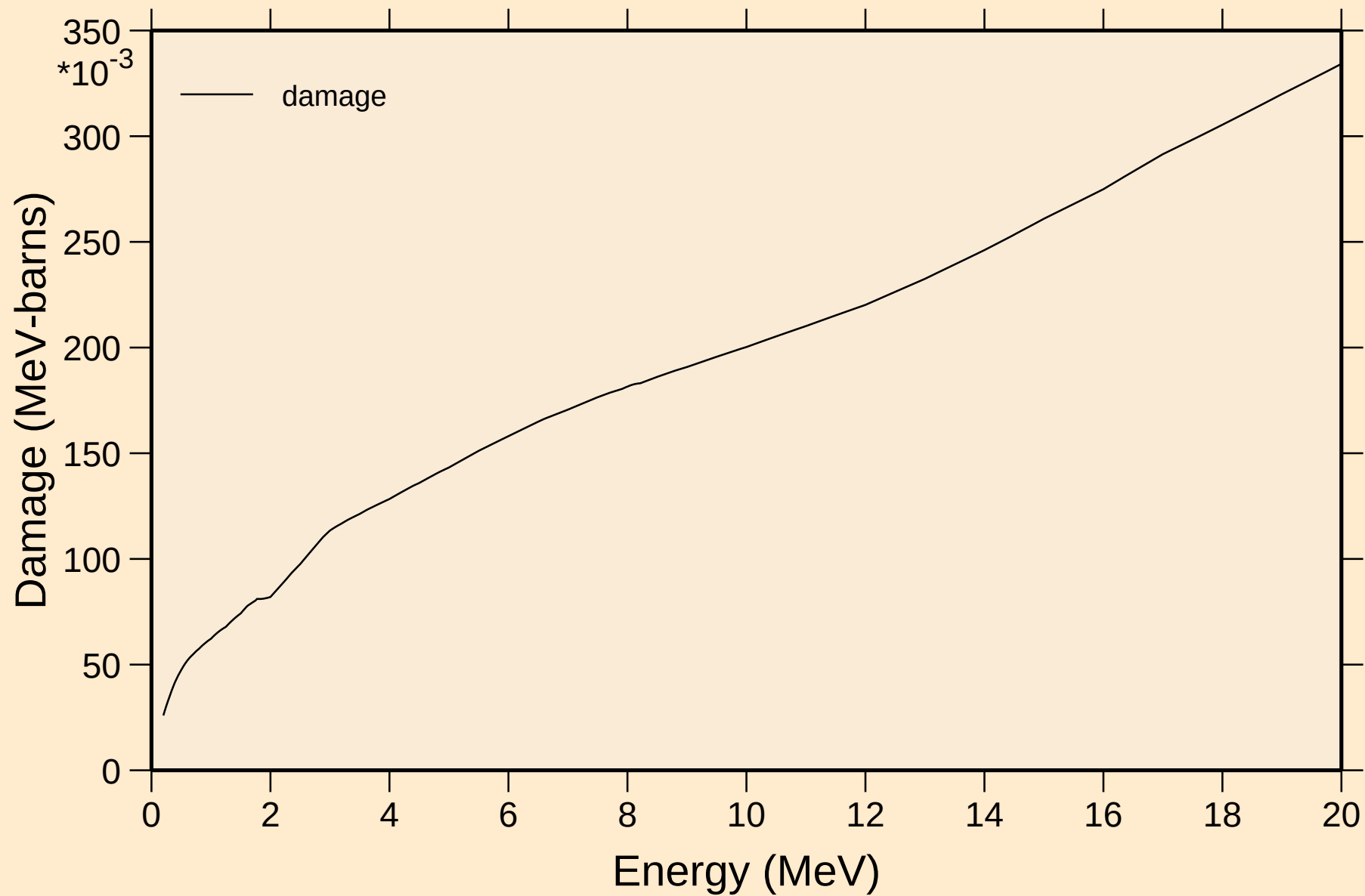
JEFF-3.1 ZR-96

Heating



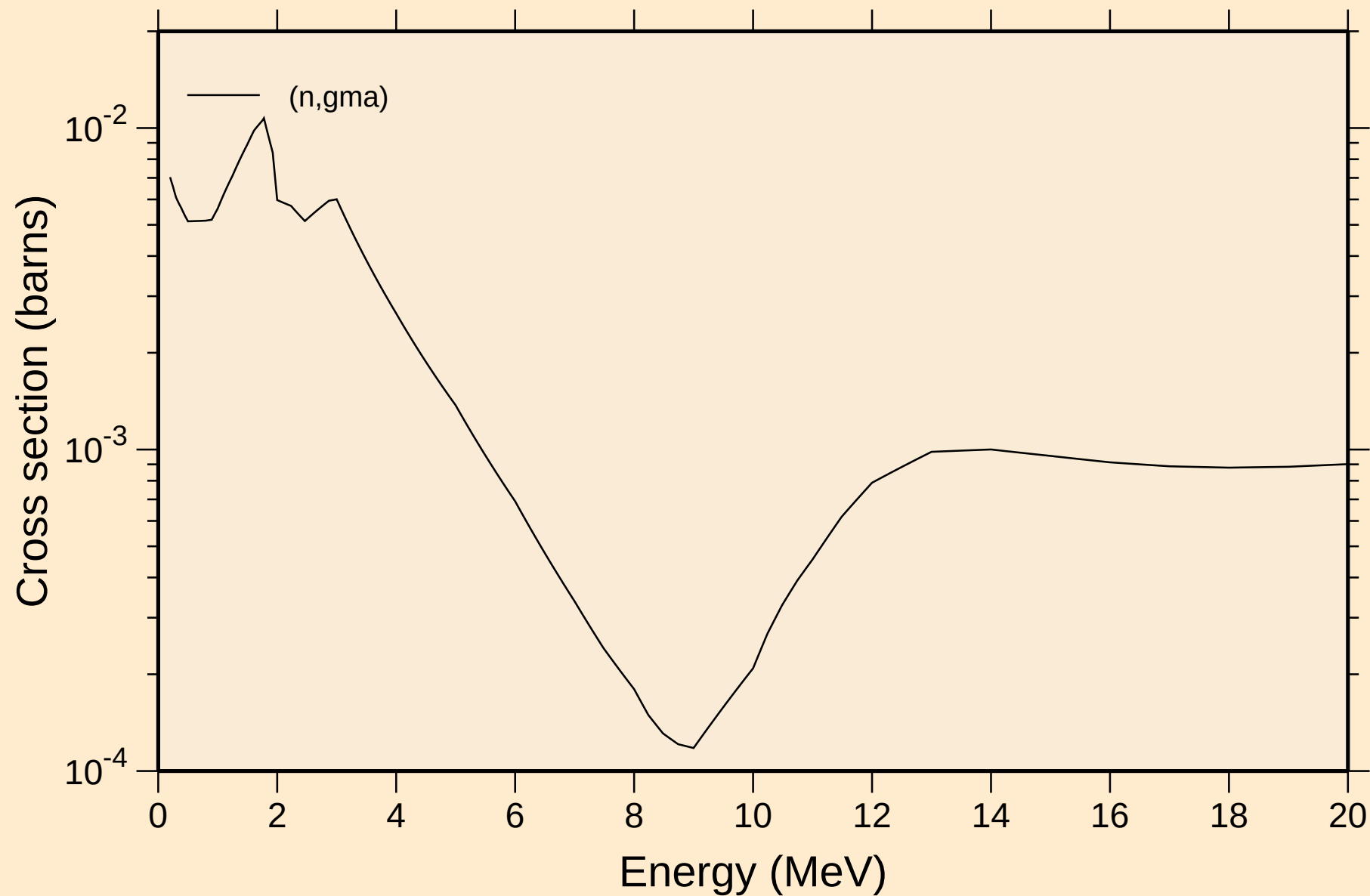
JEFF-3.1 ZR-96

Damage



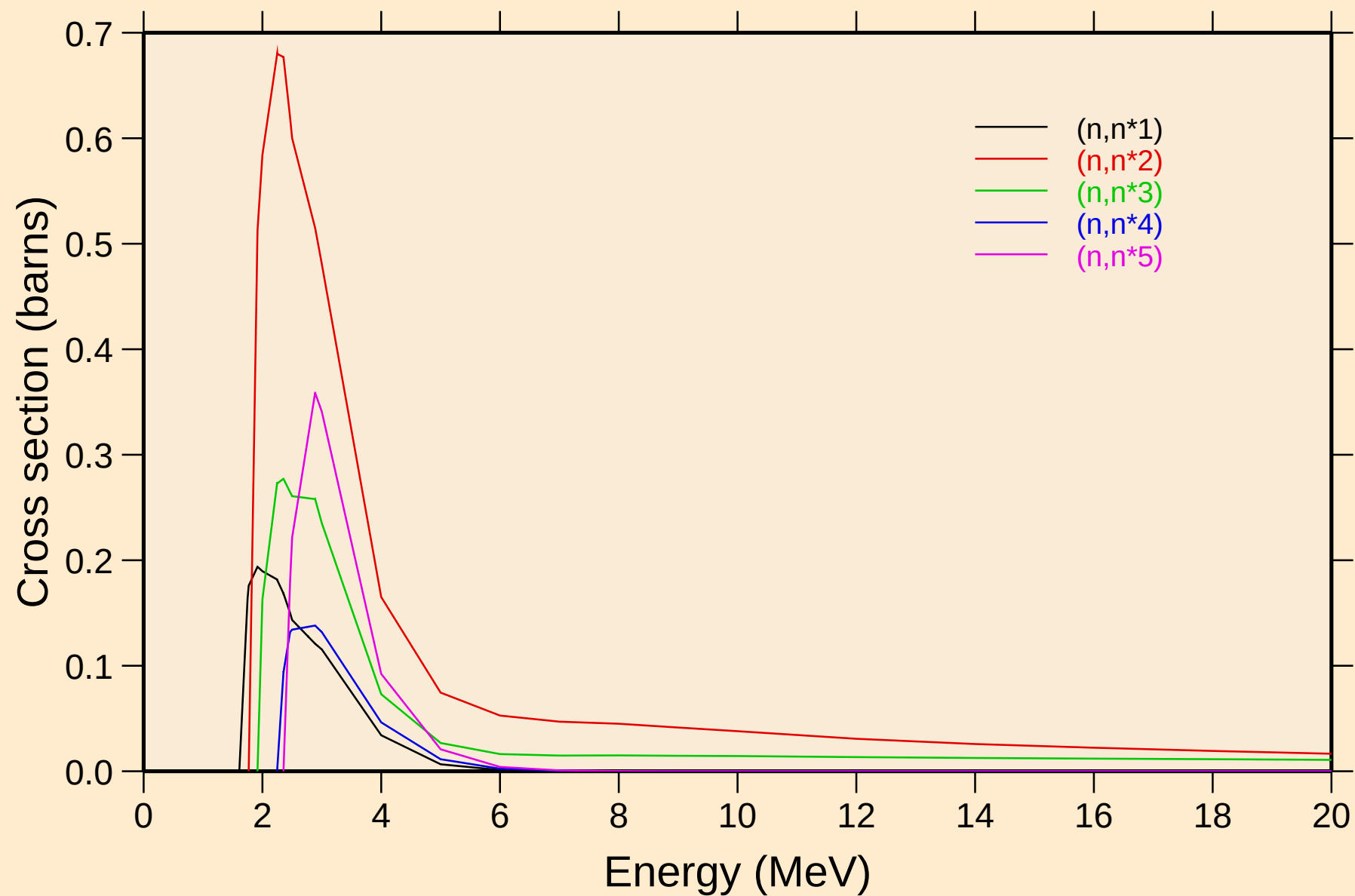
JEFF-3.1 ZR-96

Non-threshold reactions



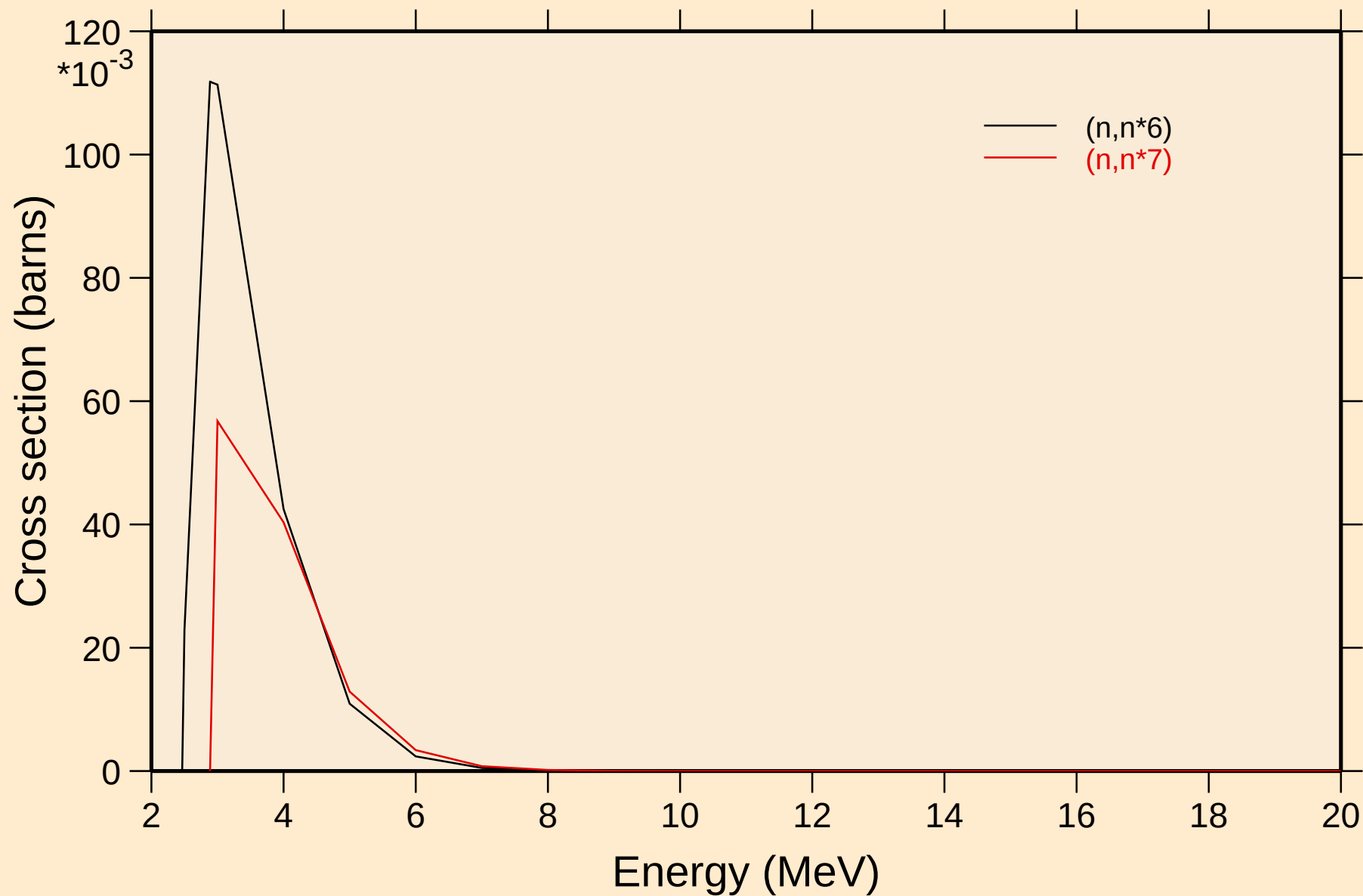
JEFF-3.1 ZR-96

Inelastic levels



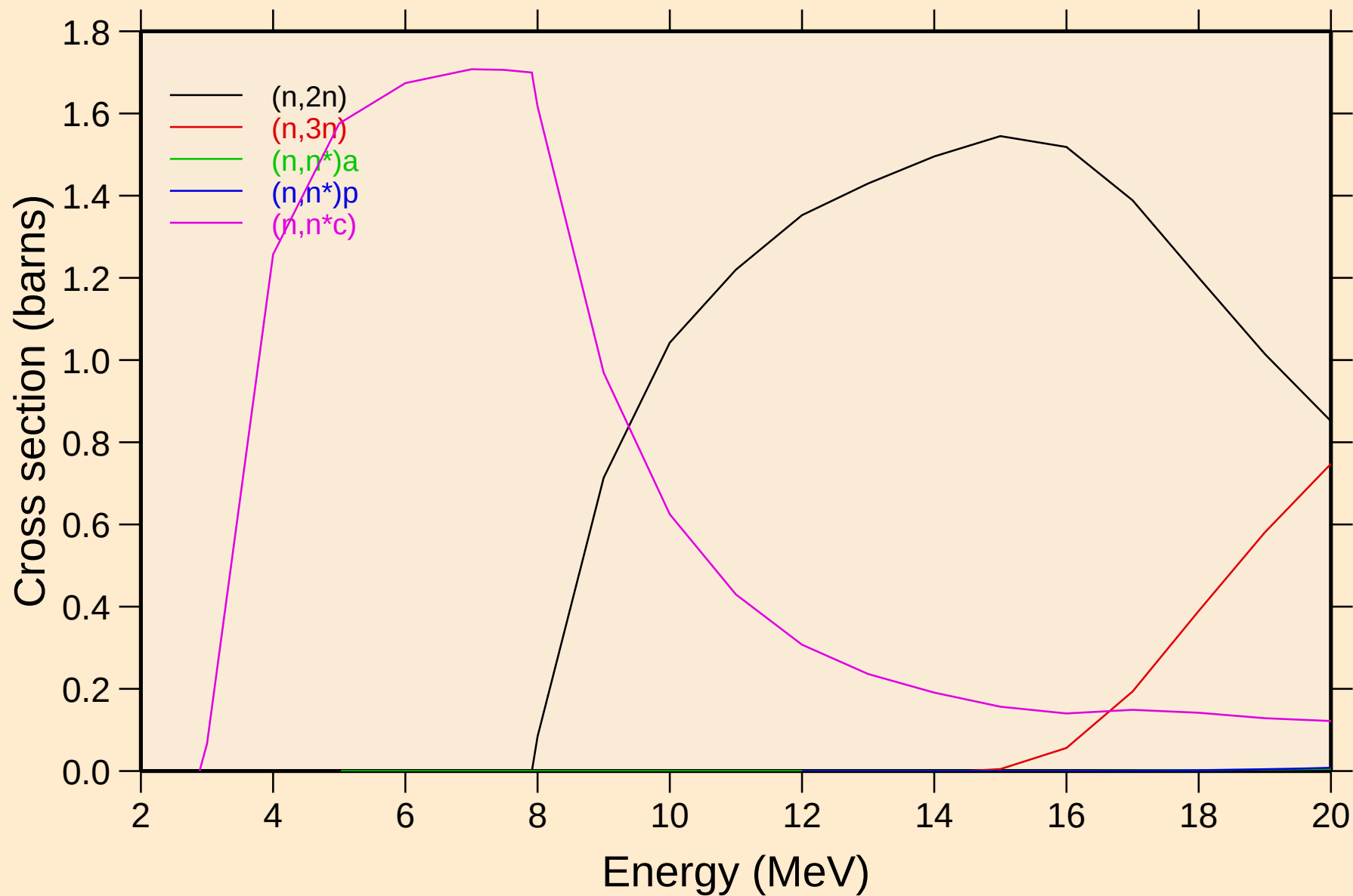
JEFF-3.1 ZR-96

Inelastic levels



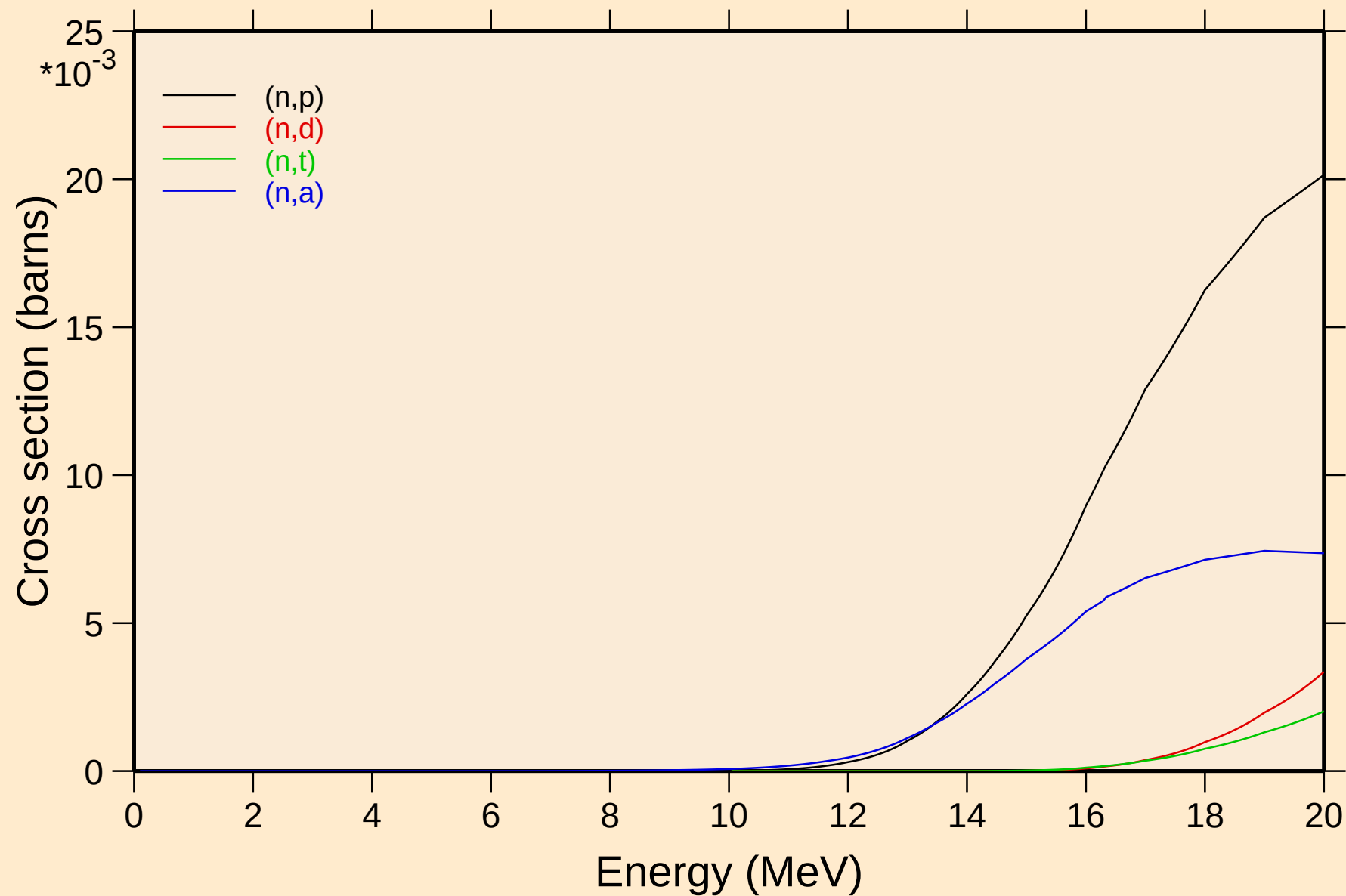
JEFF-3.1 ZR-96

Threshold reactions



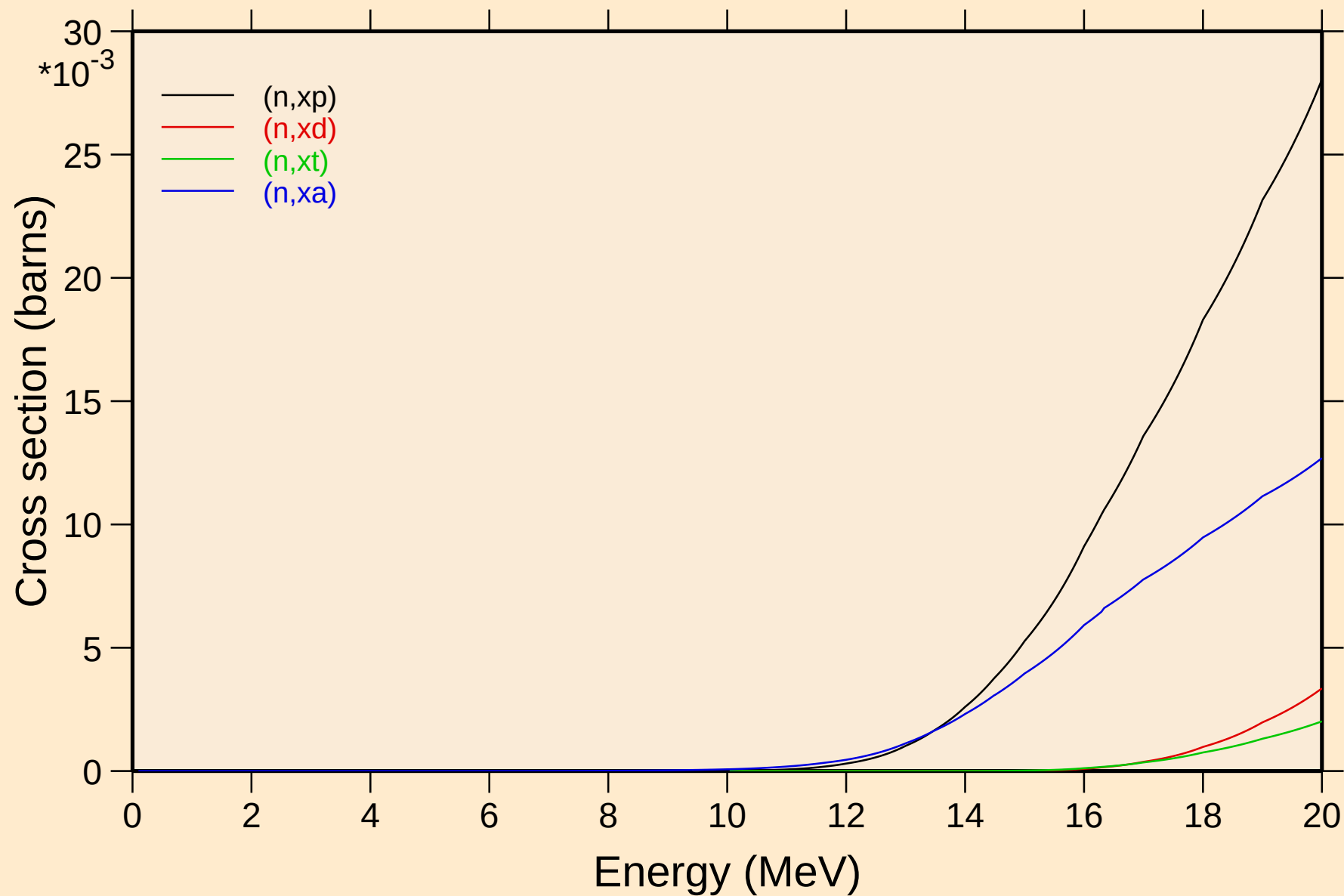
JEFF-3.1 ZR-96

Threshold reactions

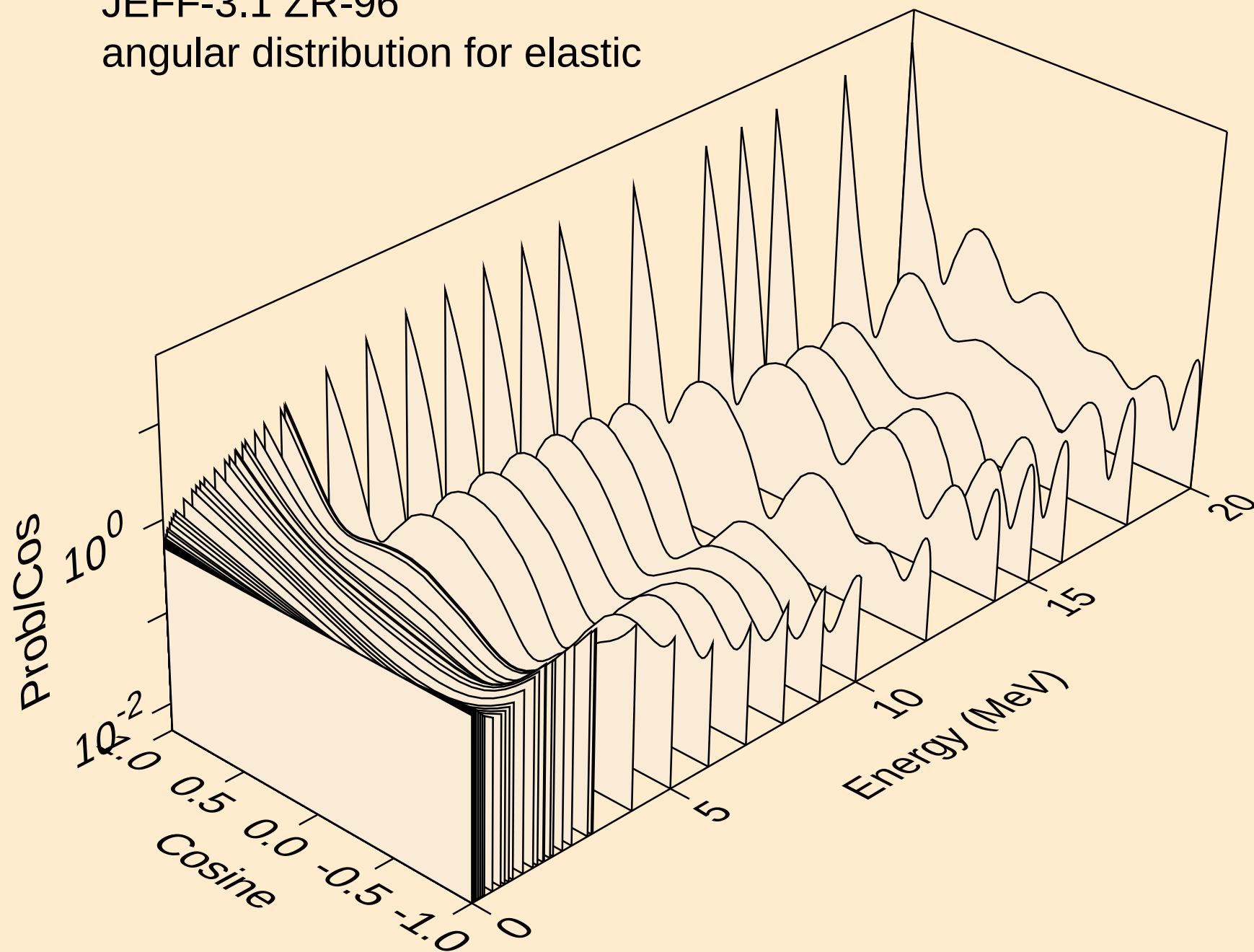


JEFF-3.1 ZR-96

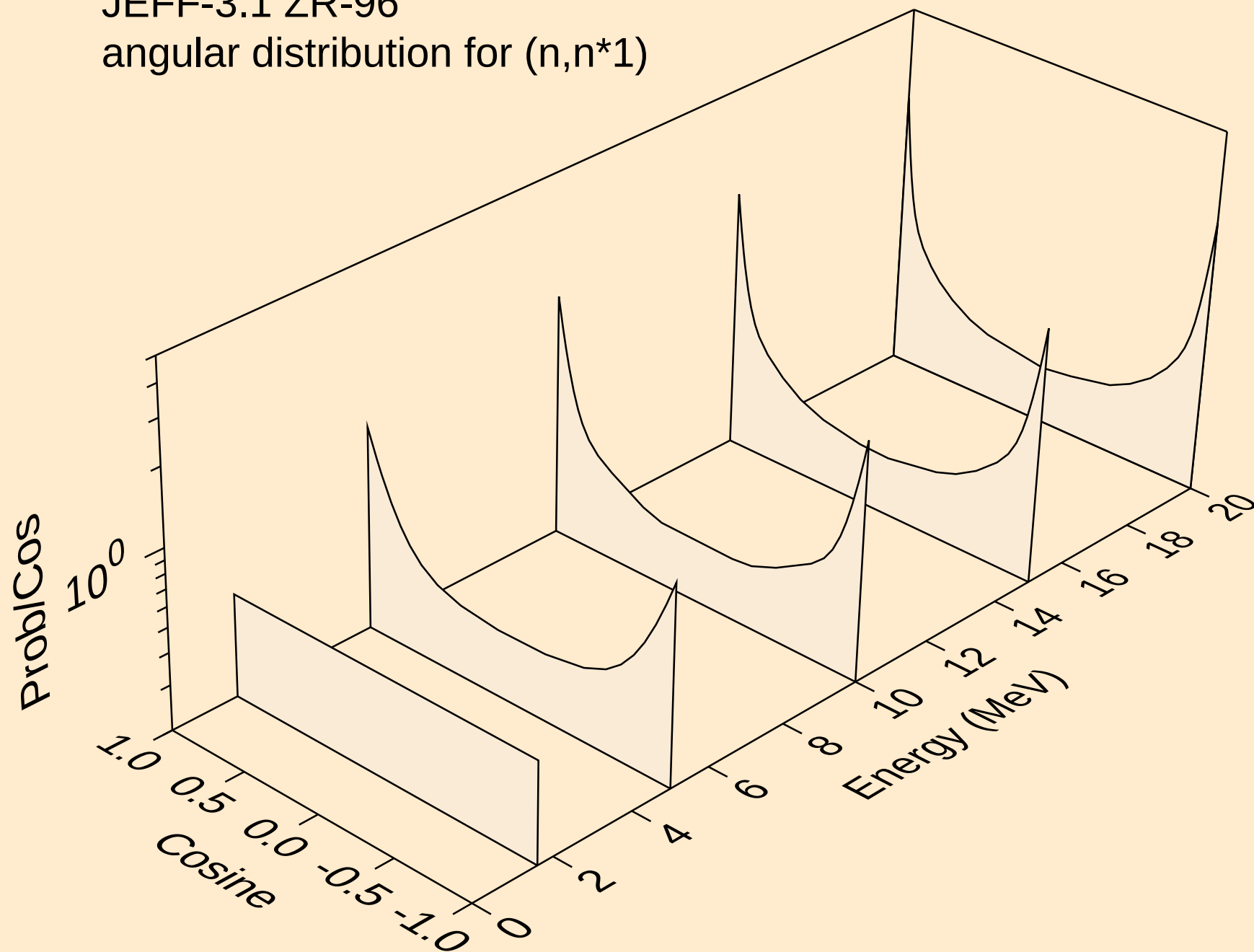
Threshold reactions



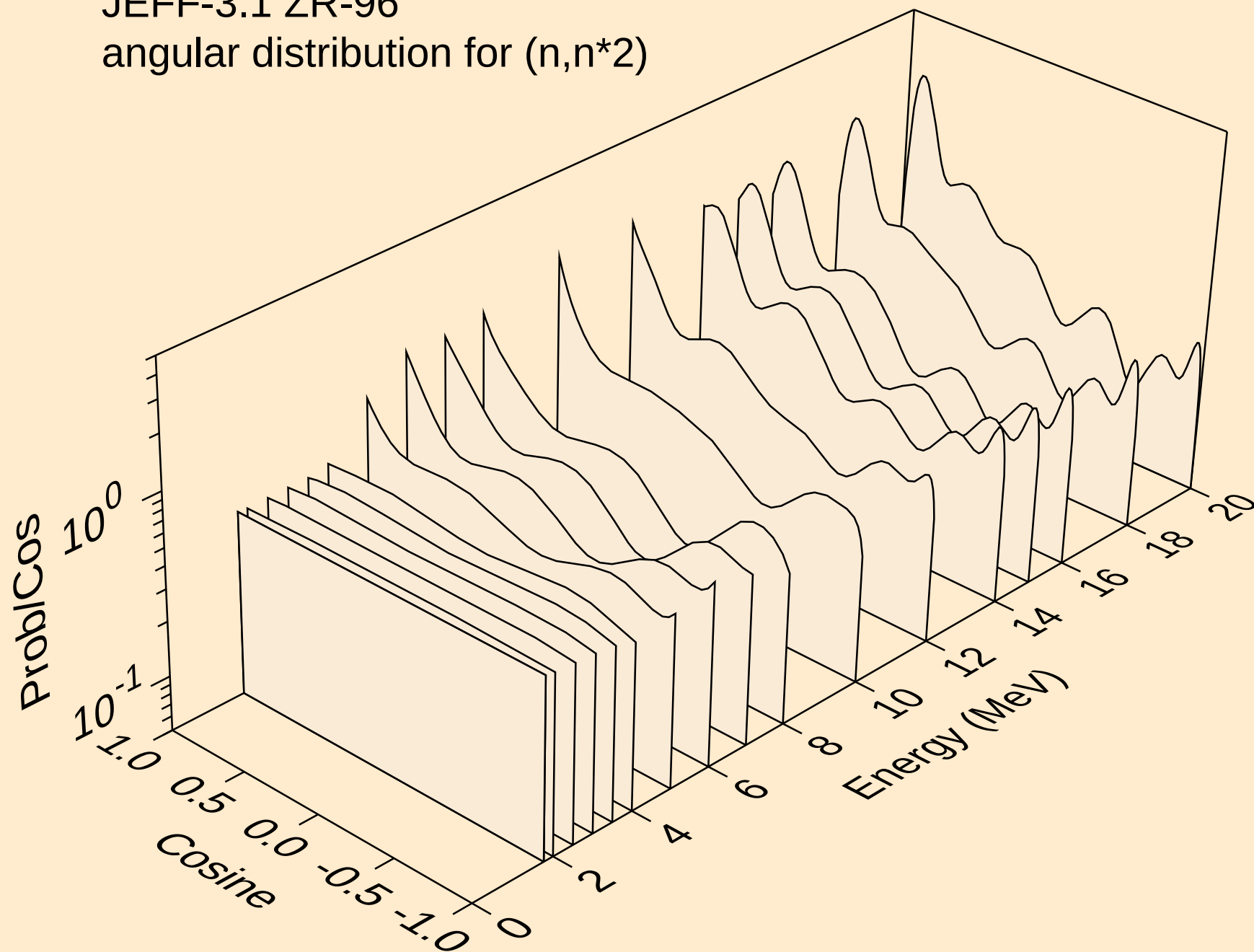
JEFF-3.1 ZR-96
angular distribution for elastic



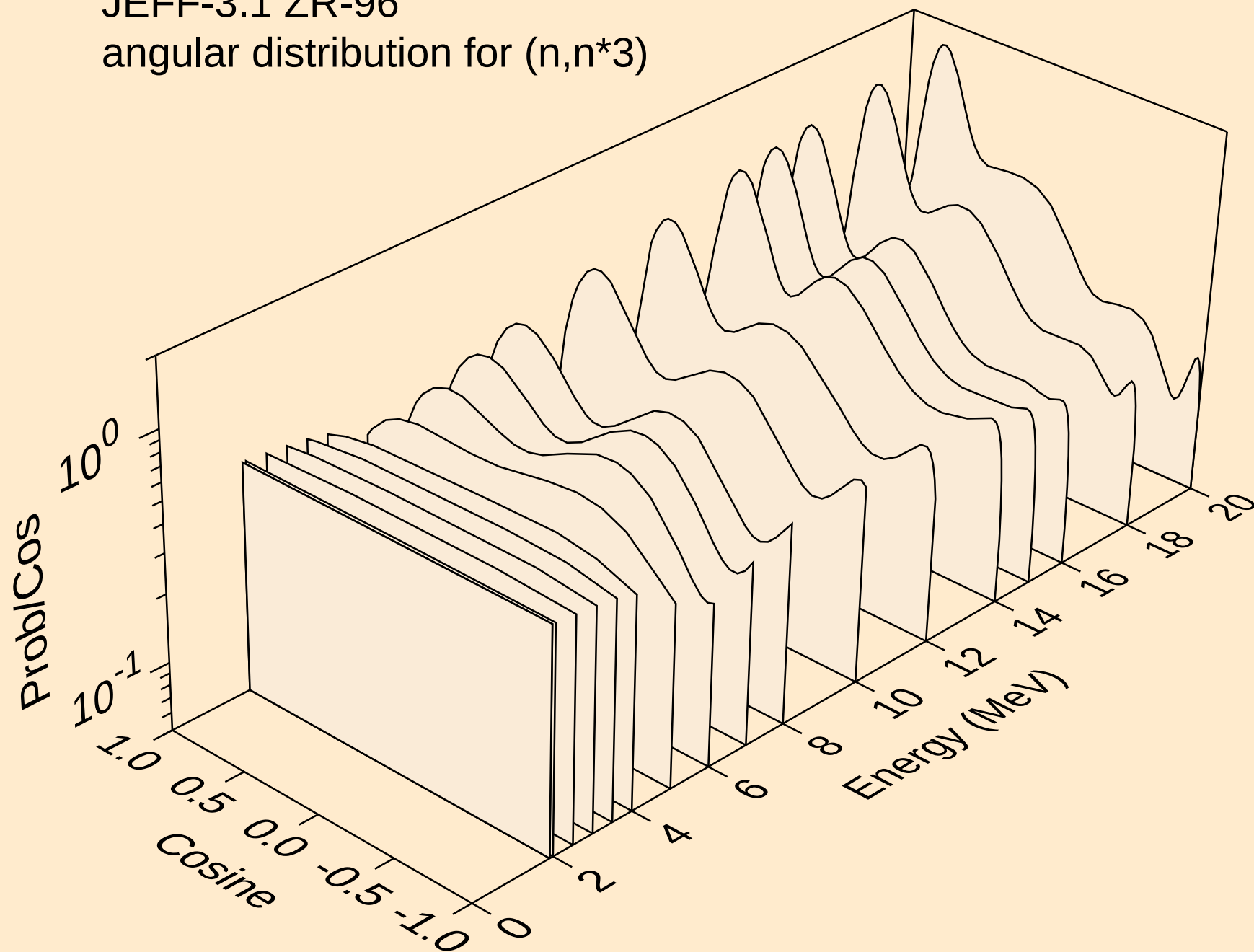
JEFF-3.1 ZR-96
angular distribution for (n,n*1)



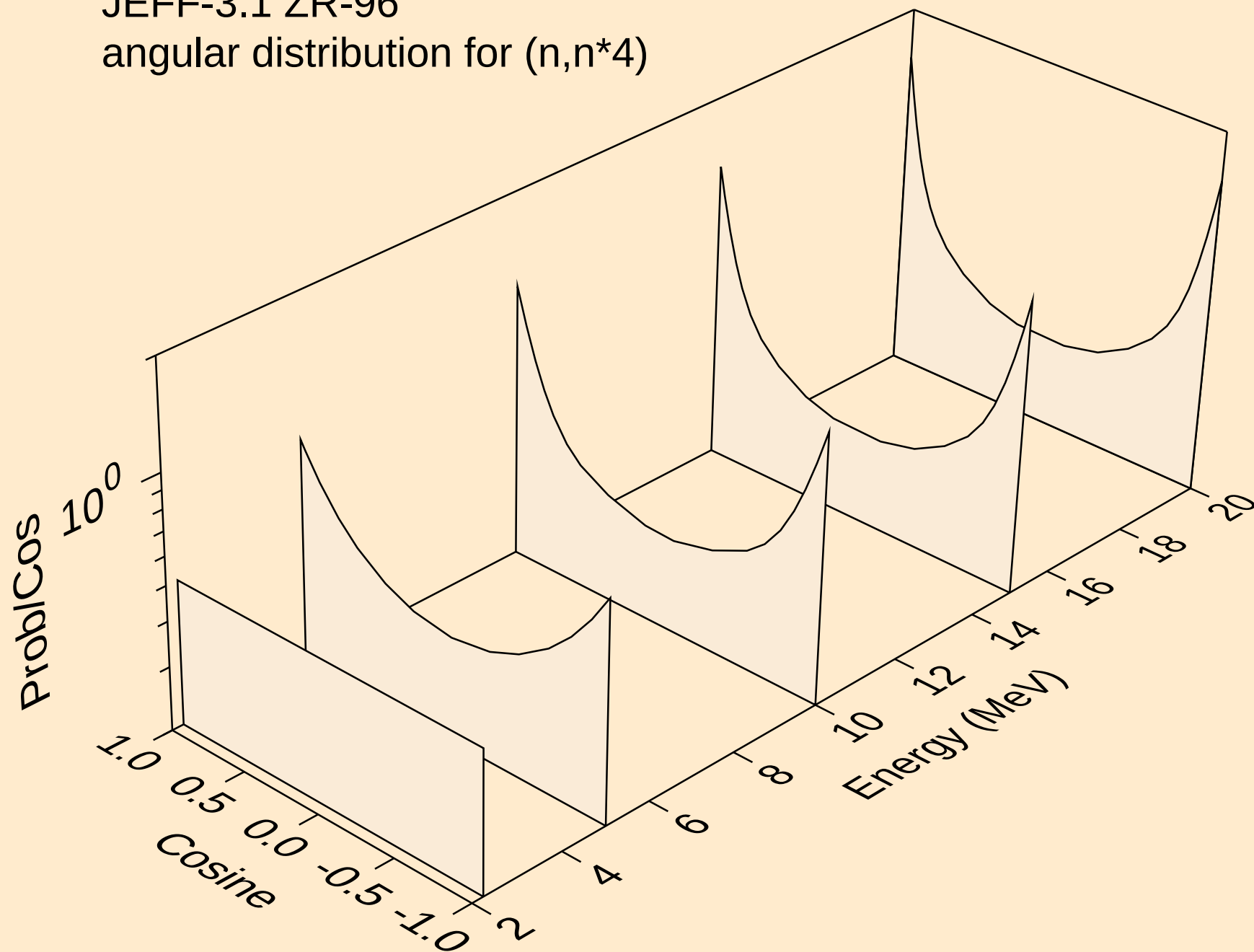
JEFF-3.1 ZR-96
angular distribution for (n,n*2)



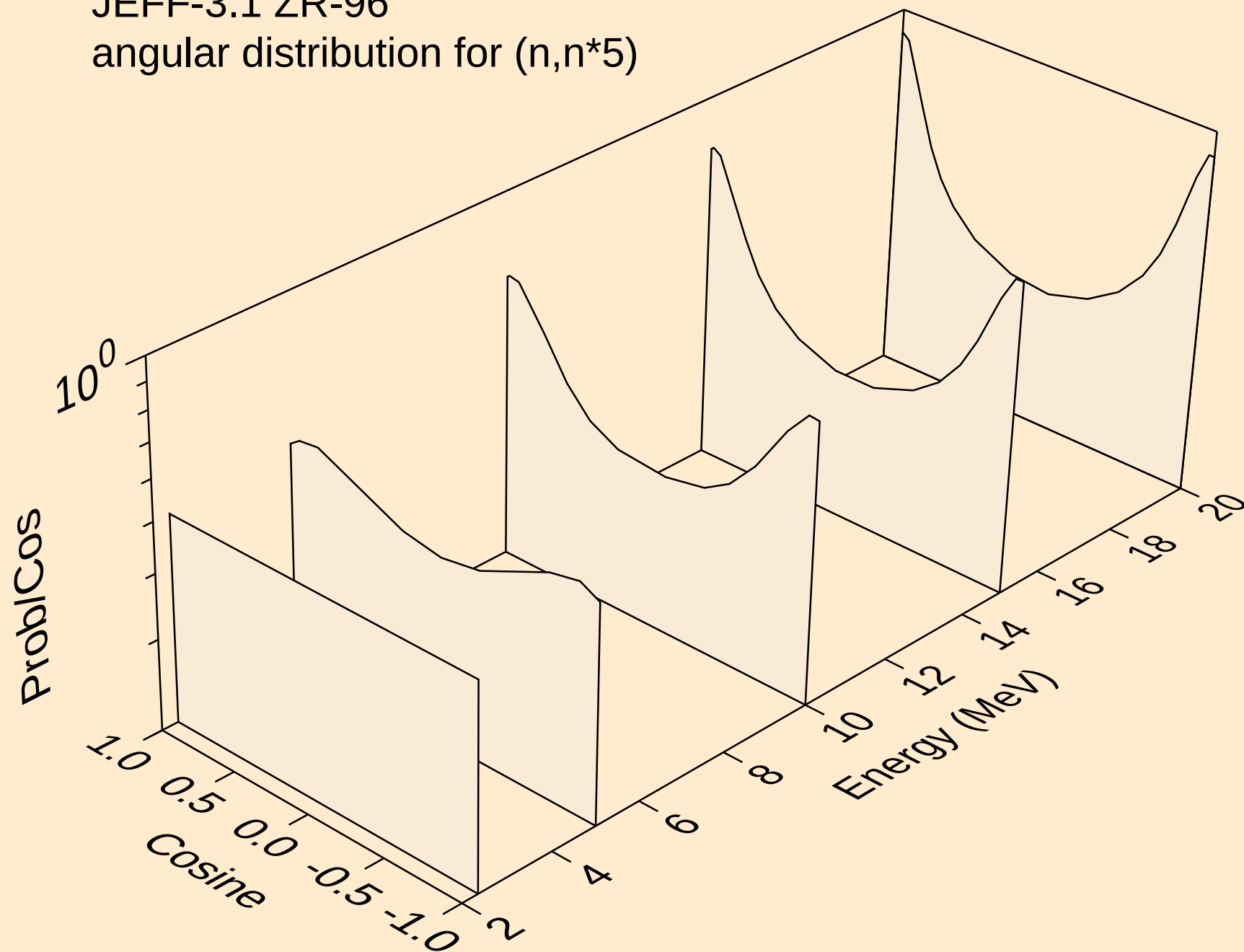
JEFF-3.1 ZR-96
angular distribution for (n,n*3)



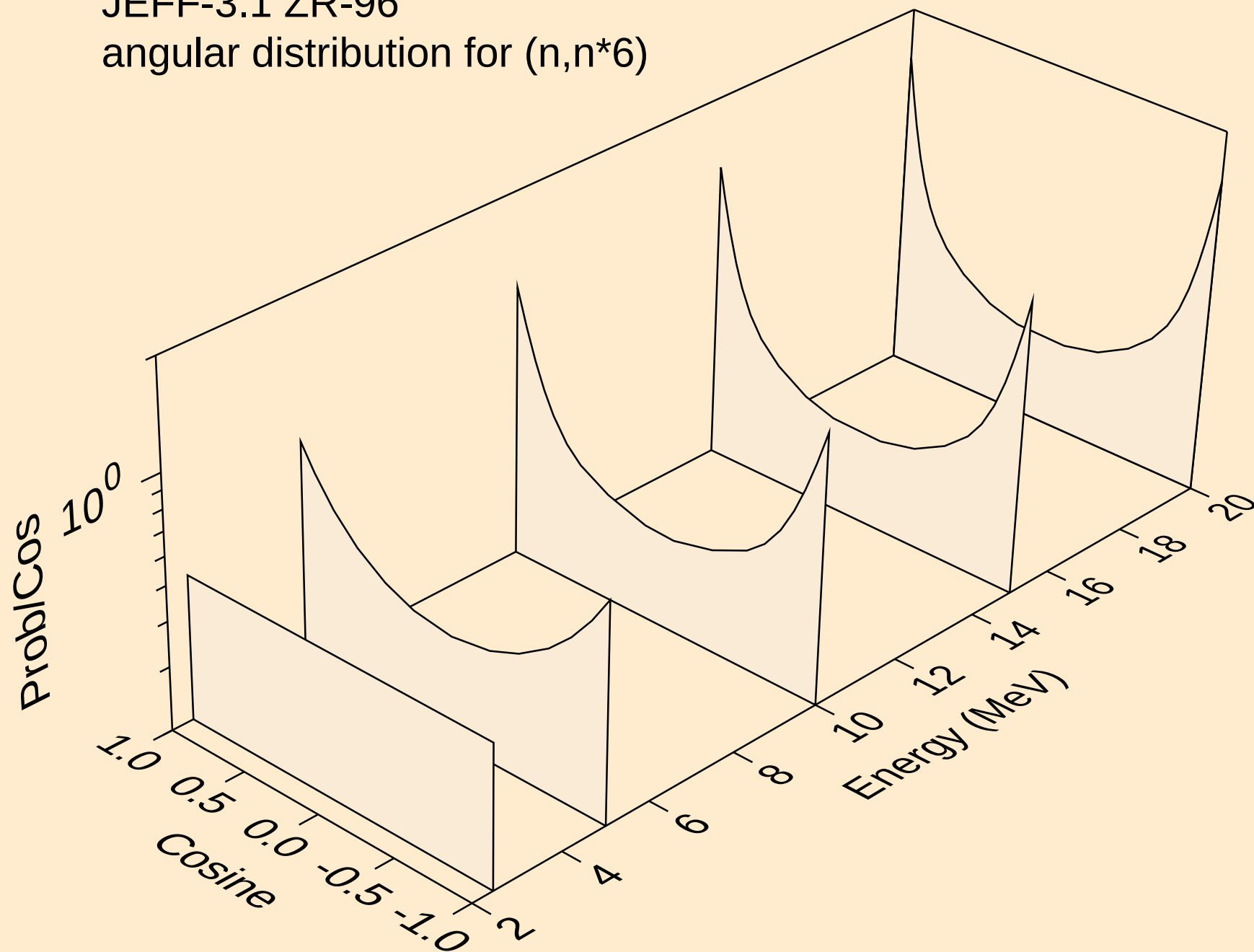
JEFF-3.1 ZR-96
angular distribution for (n,n*4)



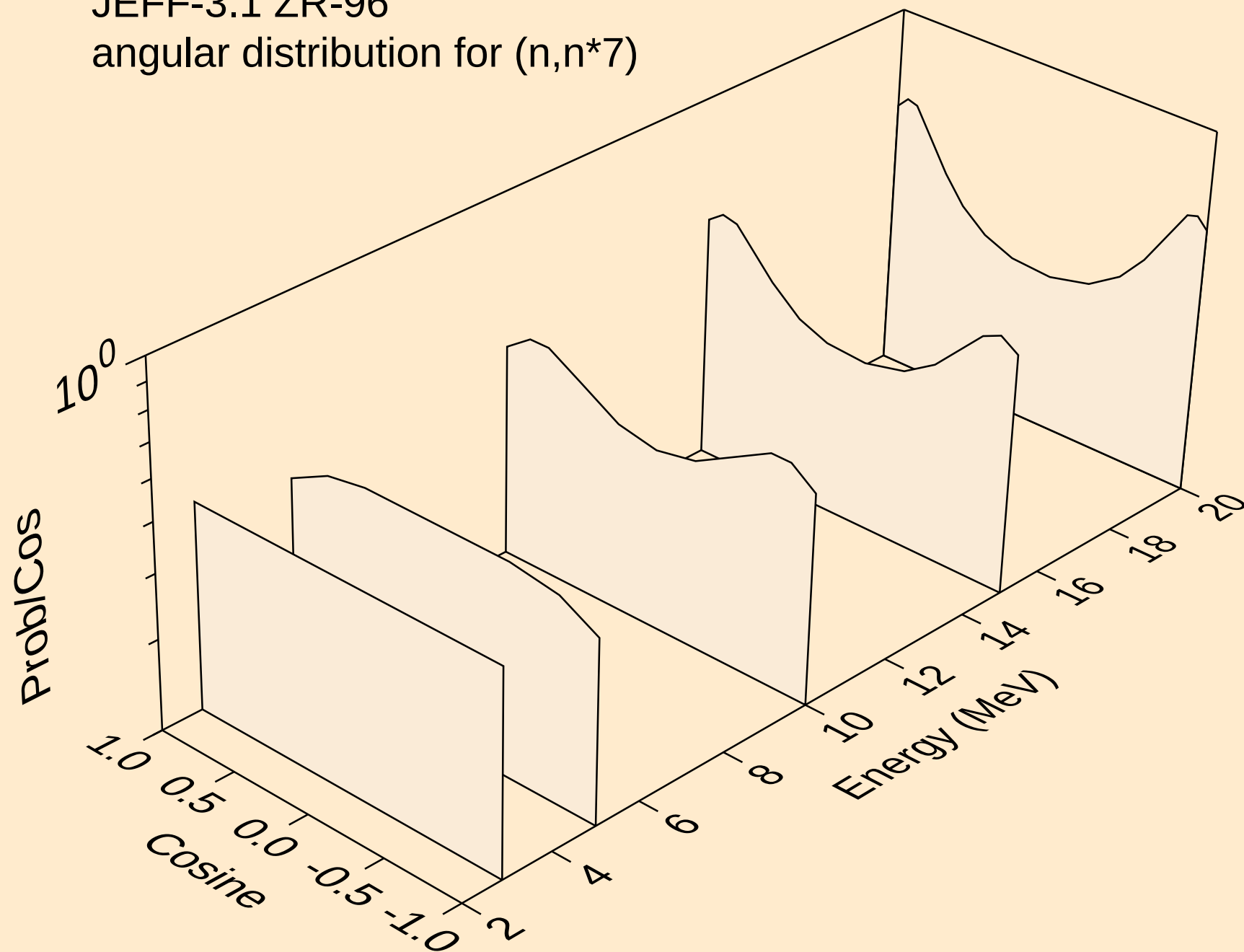
JEFF-3.1 ZR-96
angular distribution for (n,n*5)



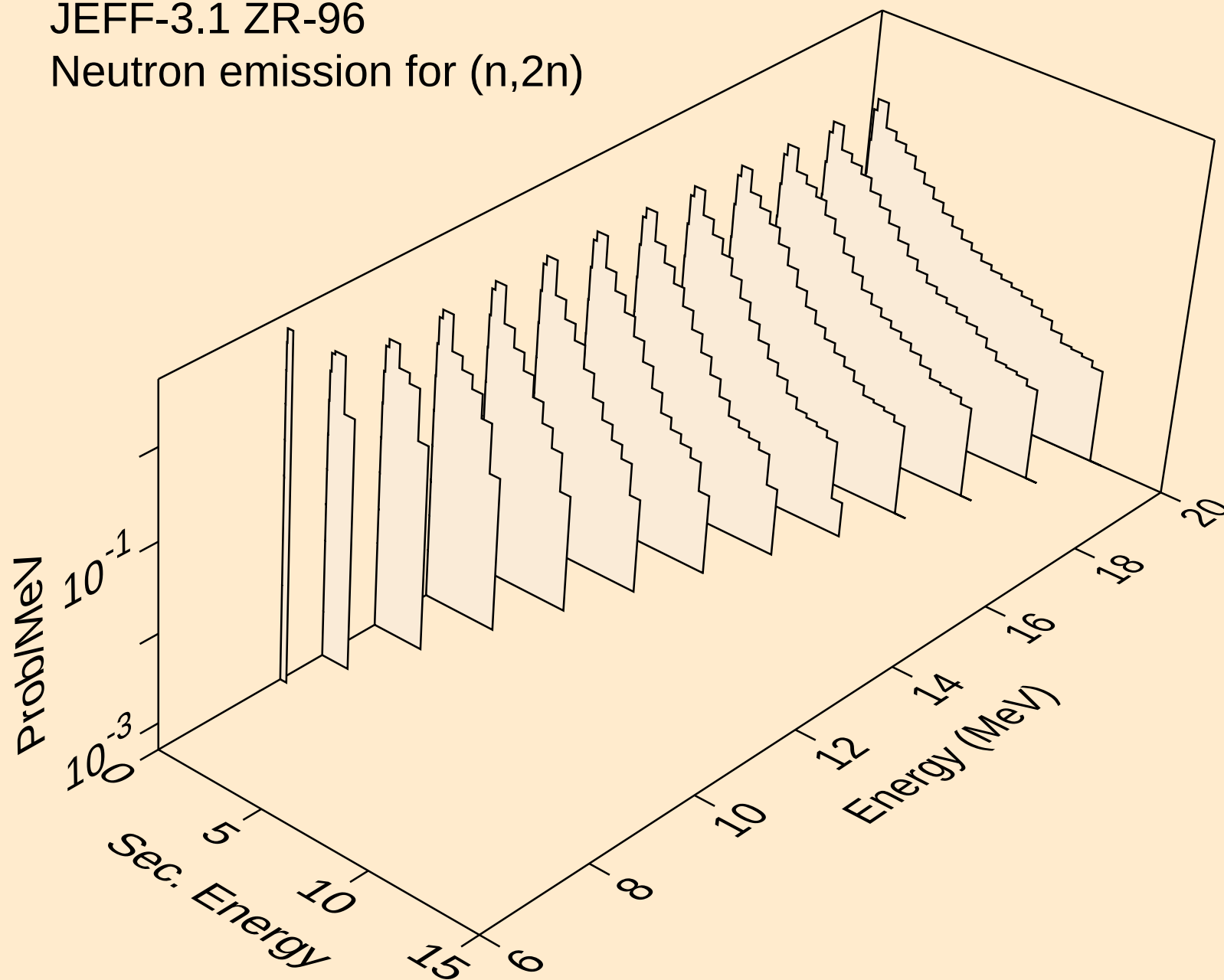
JEFF-3.1 ZR-96
angular distribution for (n,n*6)



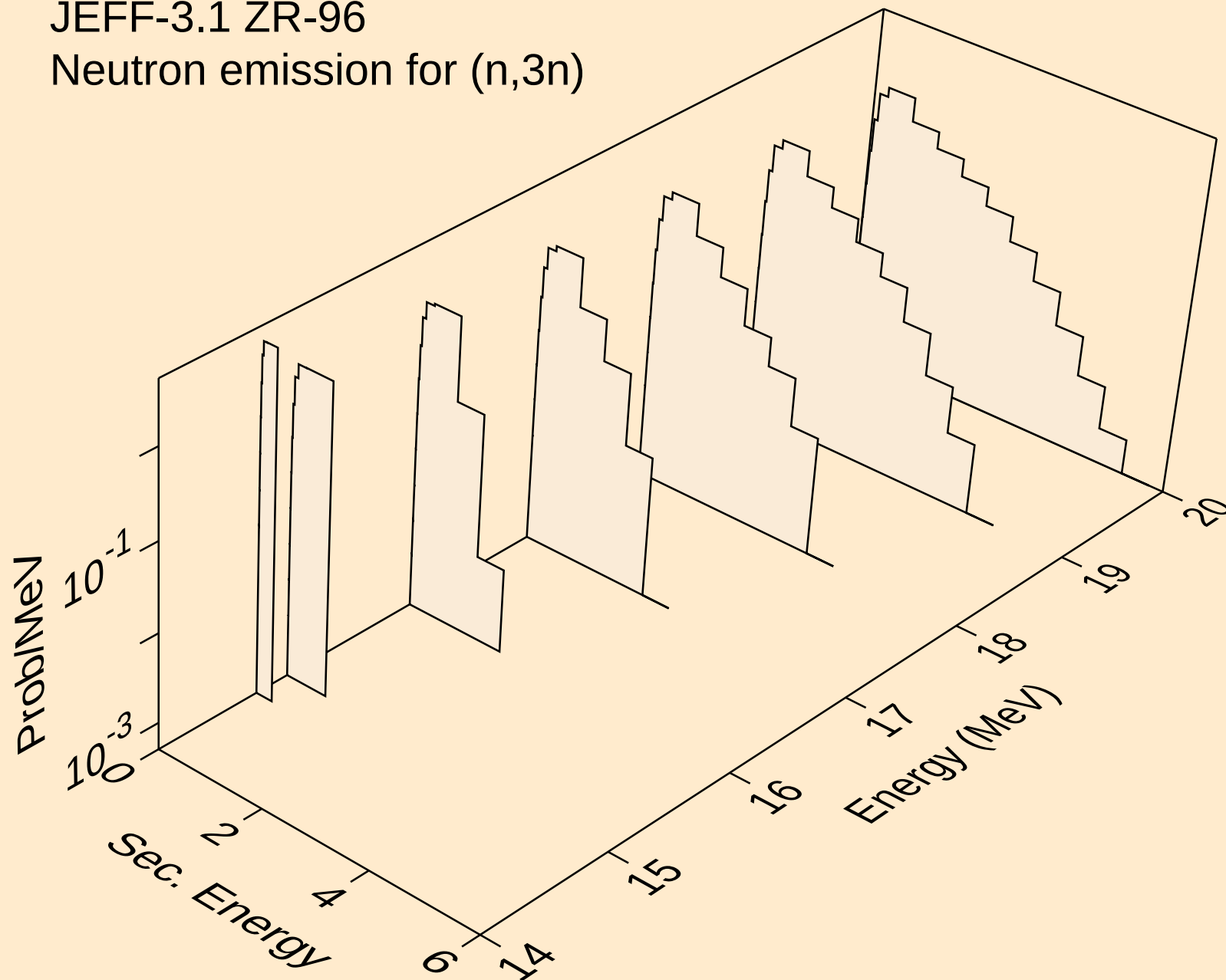
JEFF-3.1 ZR-96
angular distribution for (n,n*7)



JEFF-3.1 ZR-96
Neutron emission for (n,2n)

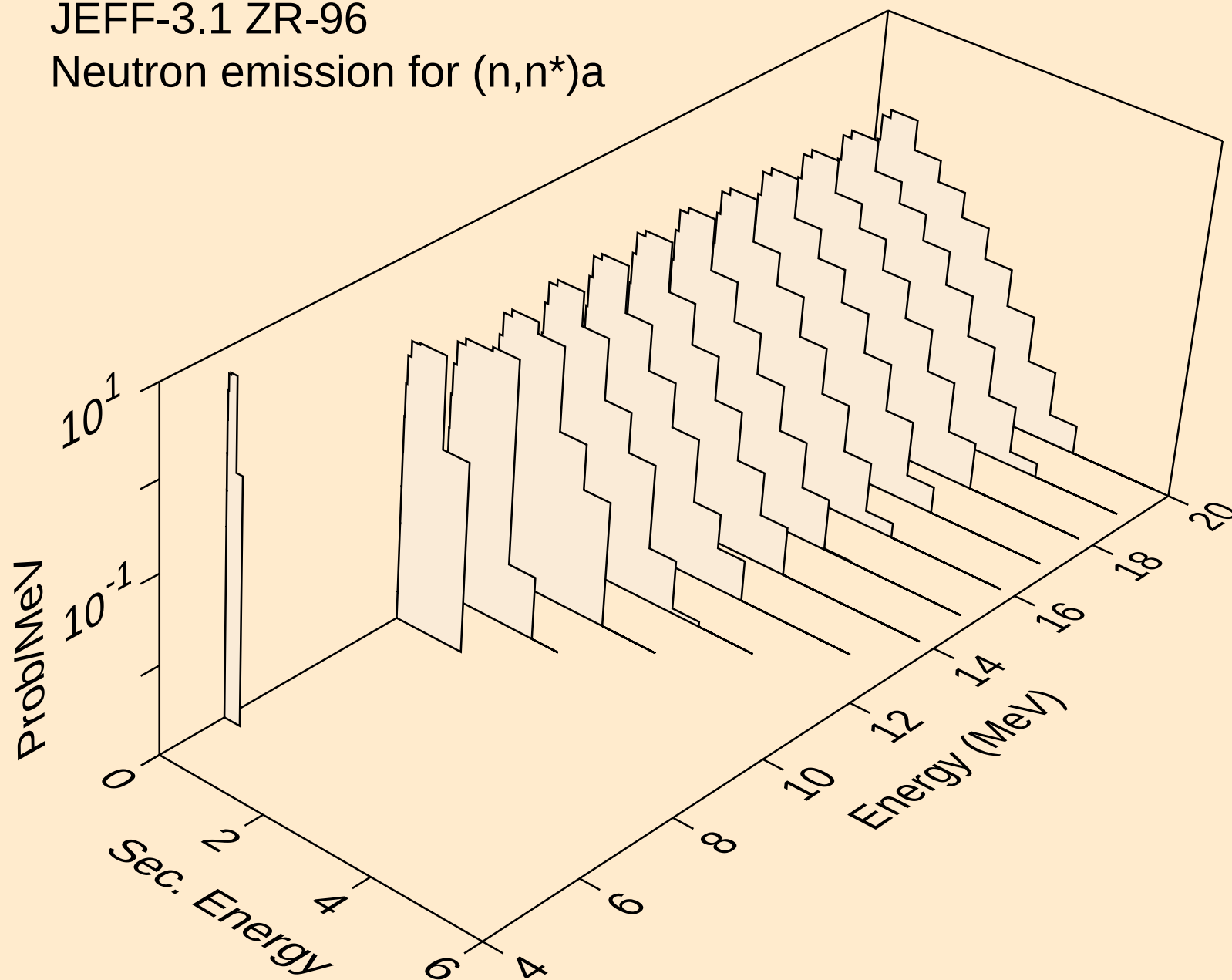


JEFF-3.1 ZR-96
Neutron emission for (n,3n)



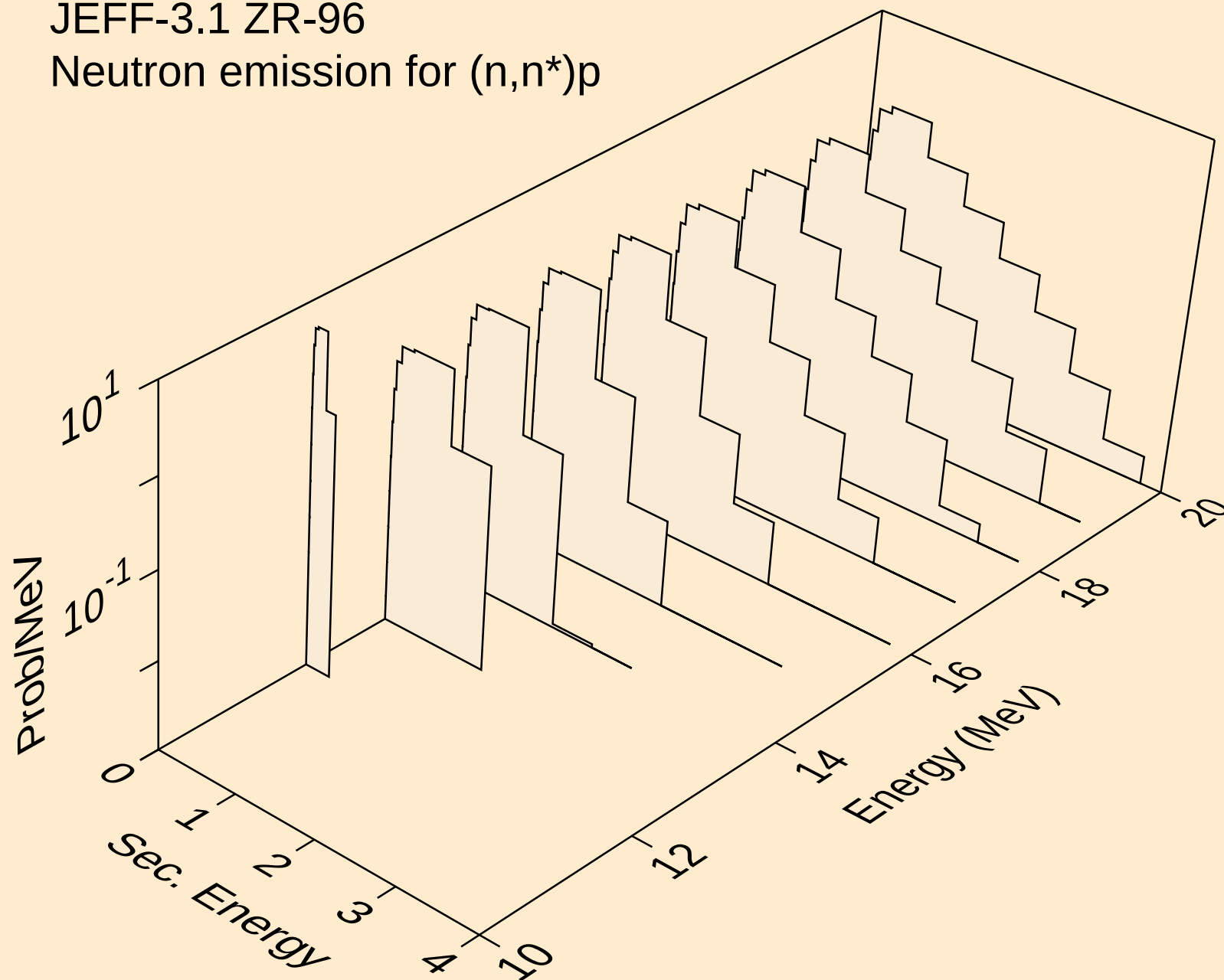
JEFF-3.1 ZR-96

Neutron emission for (n,n*)a



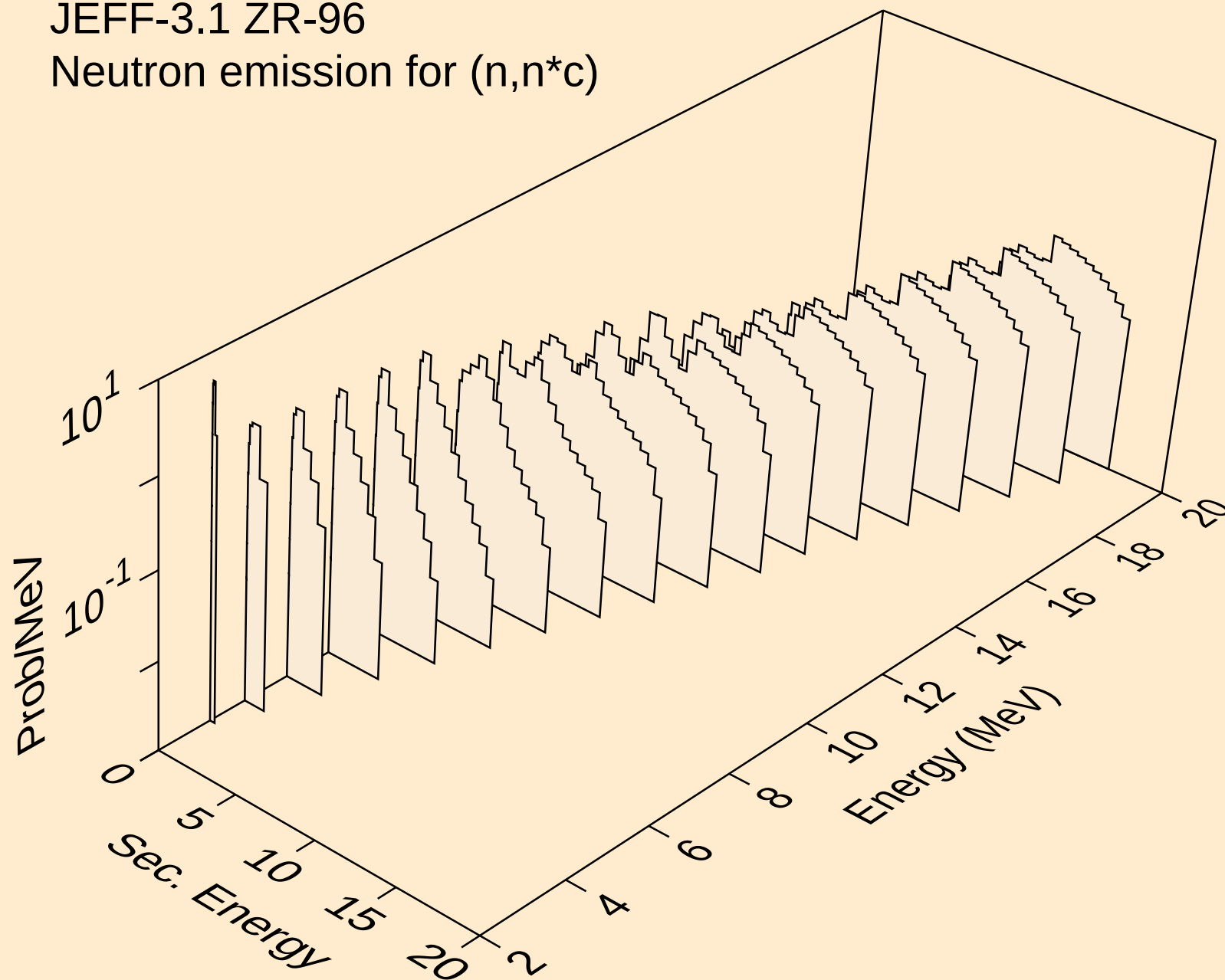
JEFF-3.1 ZR-96

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



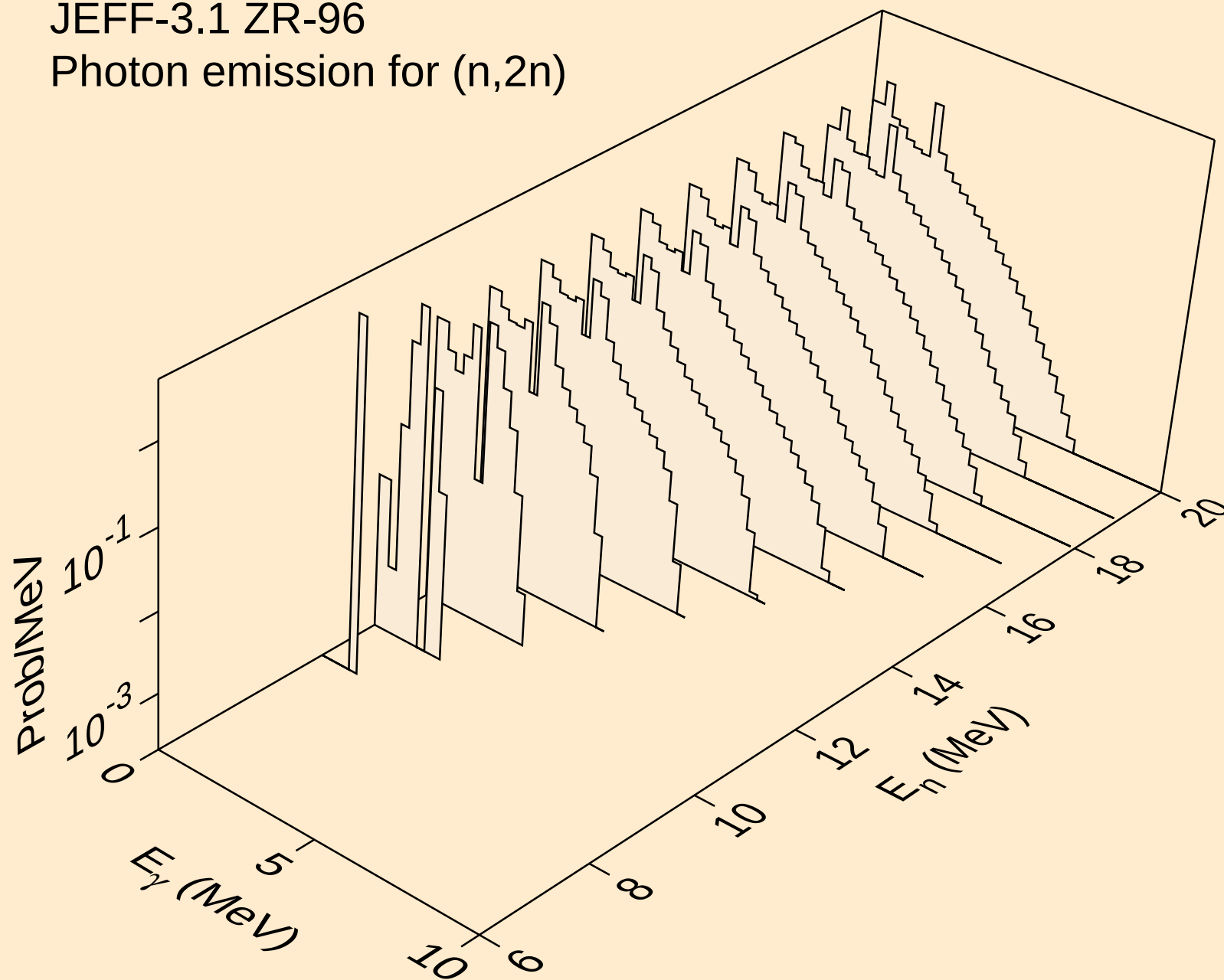
JEFF-3.1 ZR-96

Neutron emission for (n,n*c)



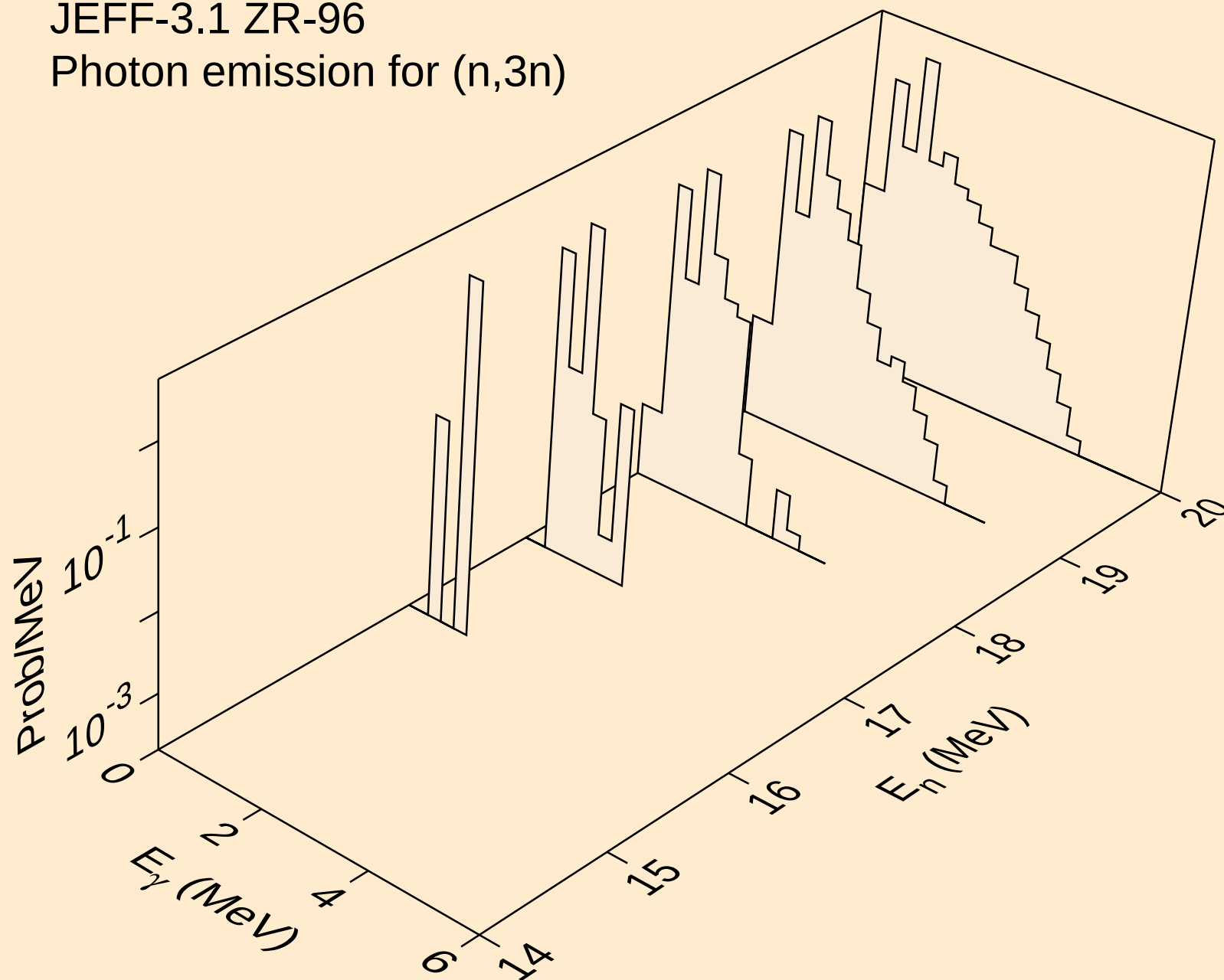
JEFF-3.1 ZR-96

Photon emission for (n,2n)



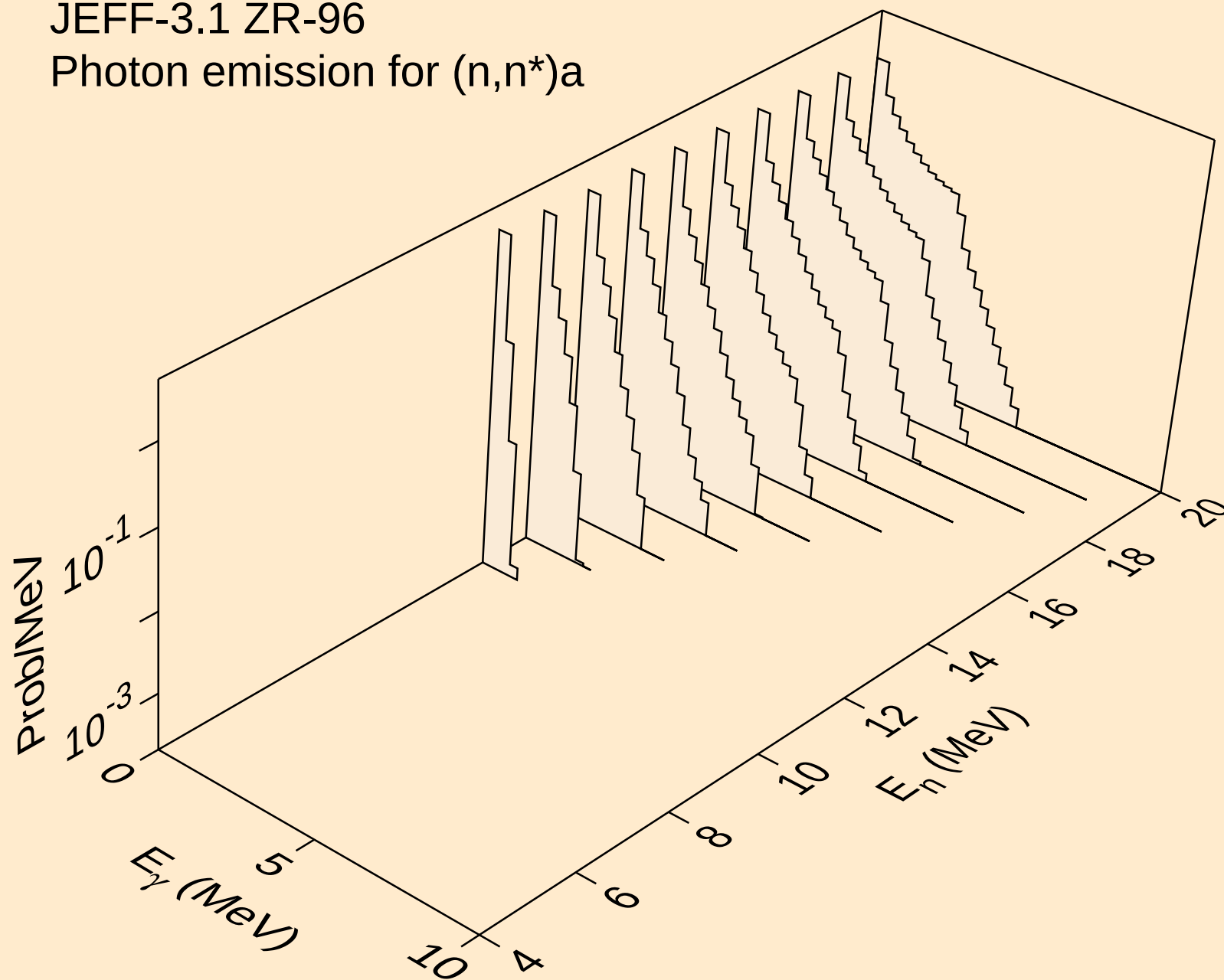
JEFF-3.1 ZR-96

Photon emission for (n,3n)



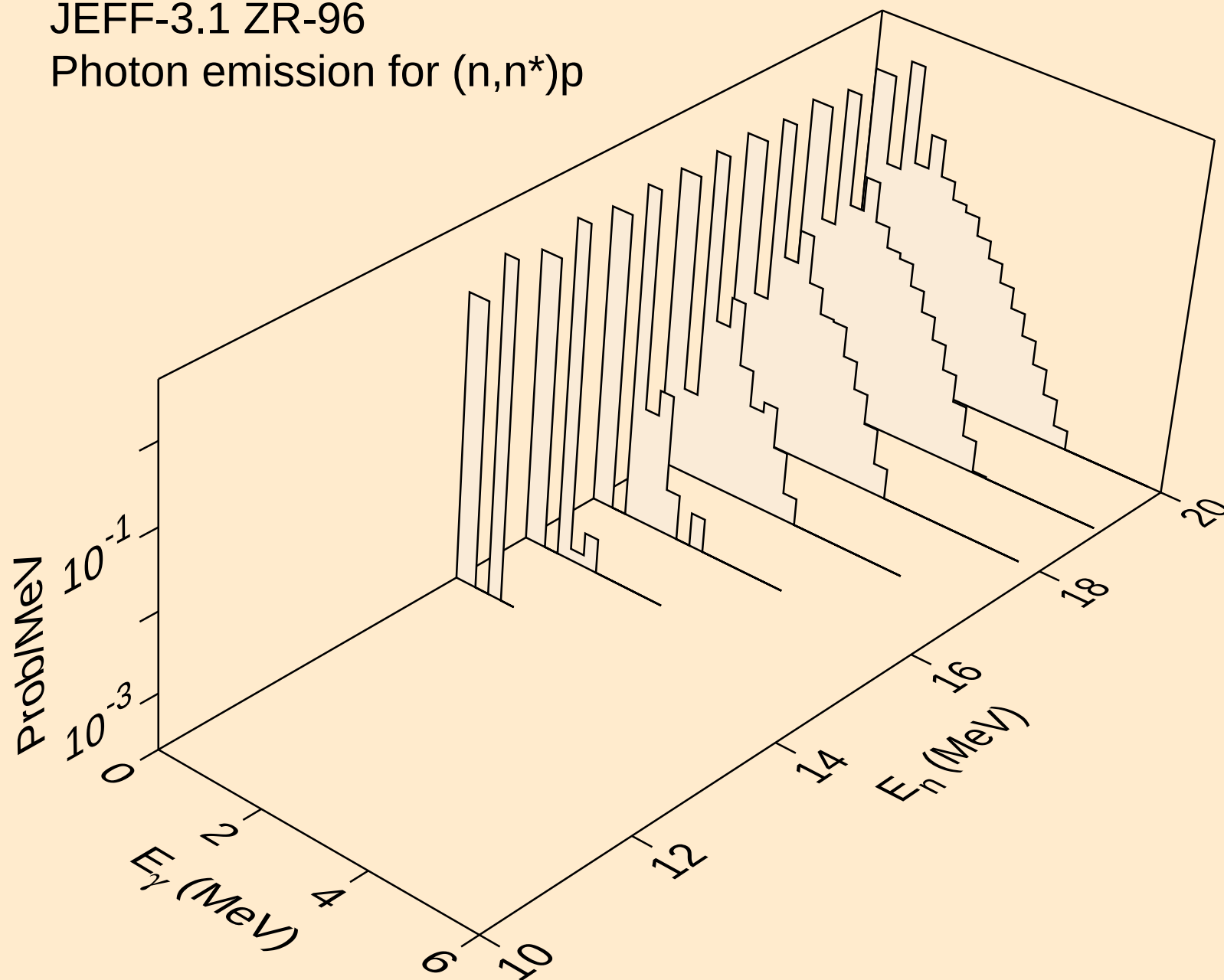
JEFF-3.1 ZR-96

Photon emission for (n,n*)a



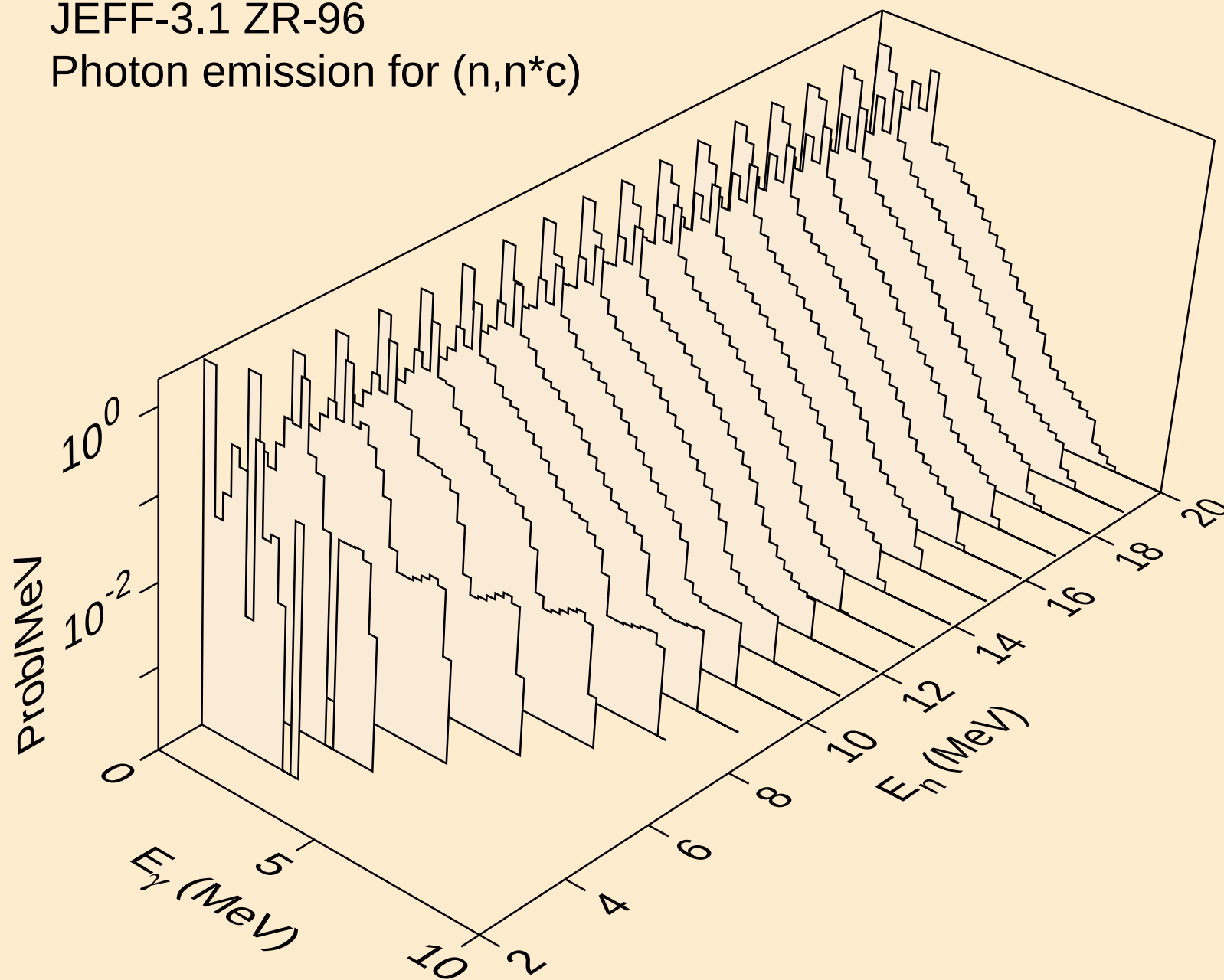
JEFF-3.1 ZR-96

Photon emission for (n,n*)p



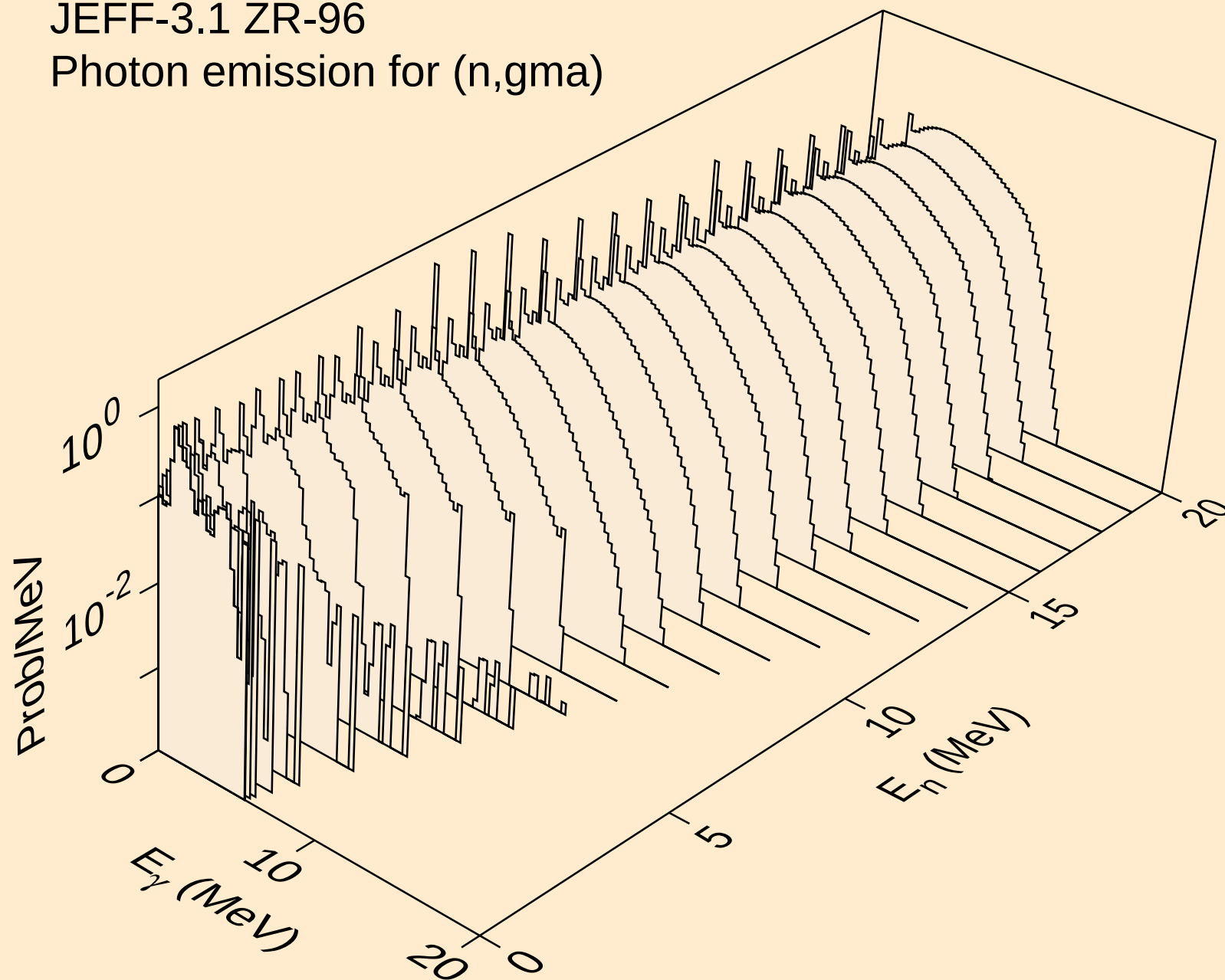
JEFF-3.1 ZR-96

Photon emission for (n,n*c)



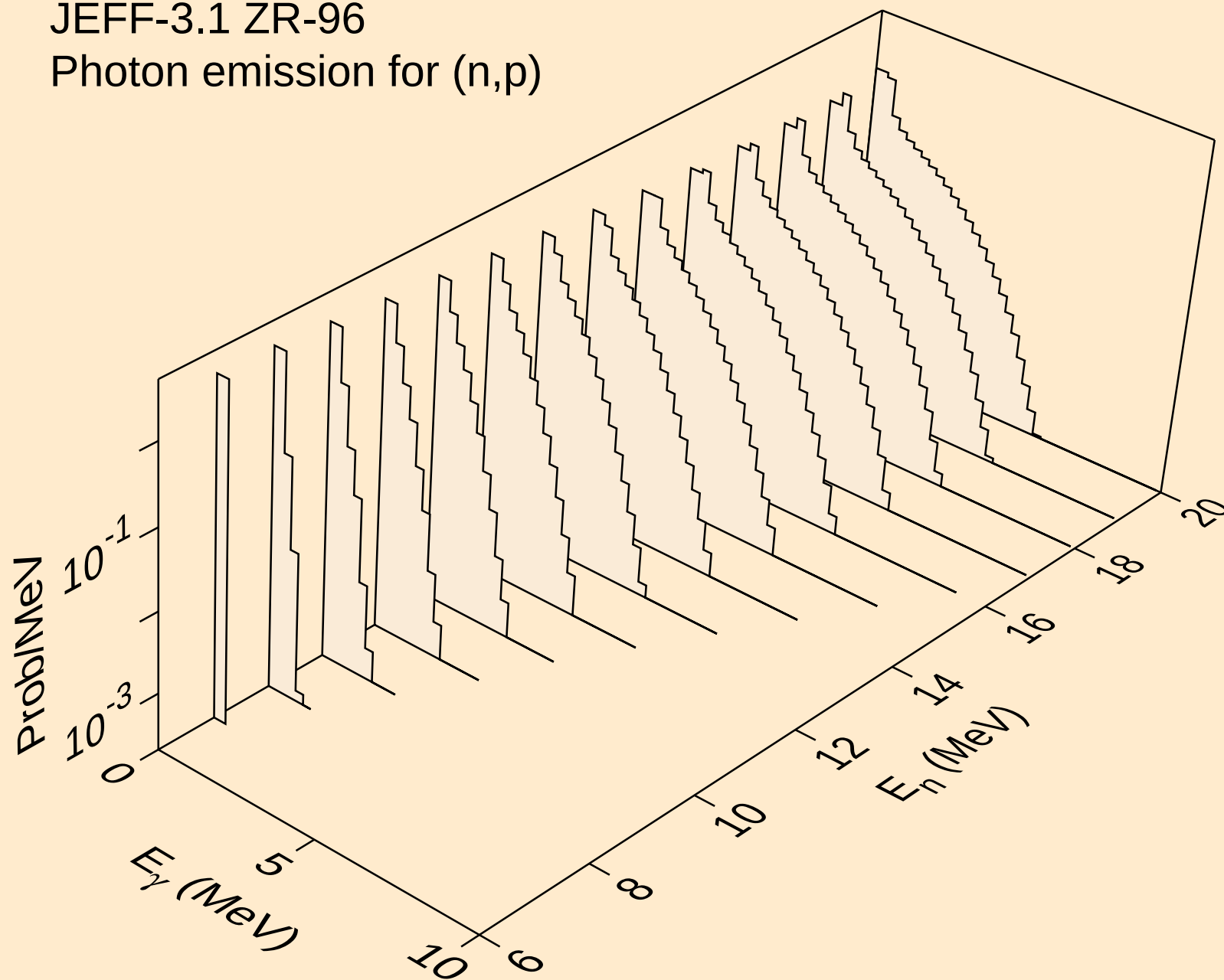
JEFF-3.1 ZR-96

Photon emission for (n,gma)



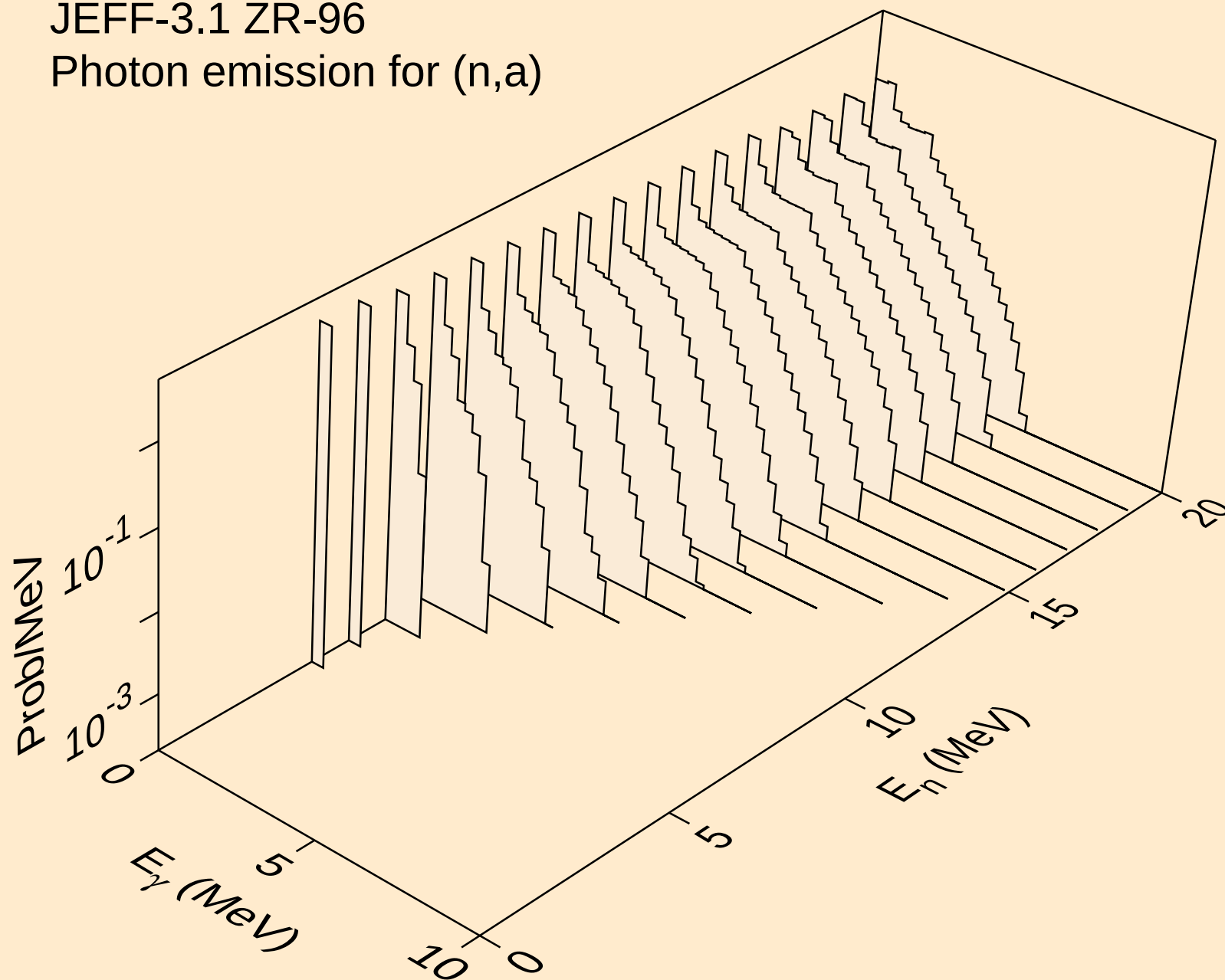
JEFF-3.1 ZR-96

Photon emission for (n,p)

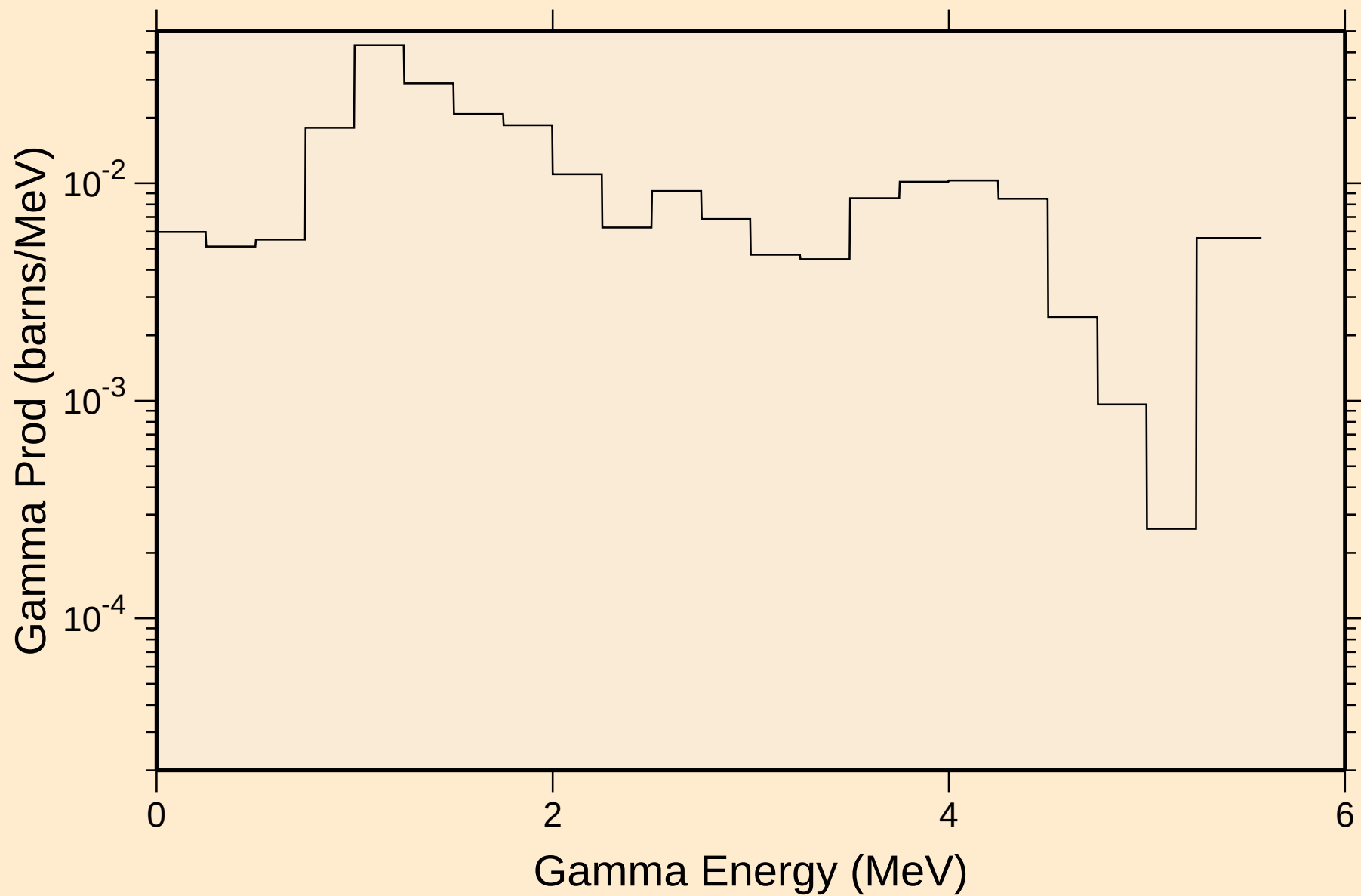


JEFF-3.1 ZR-96

Photon emission for (n,a)

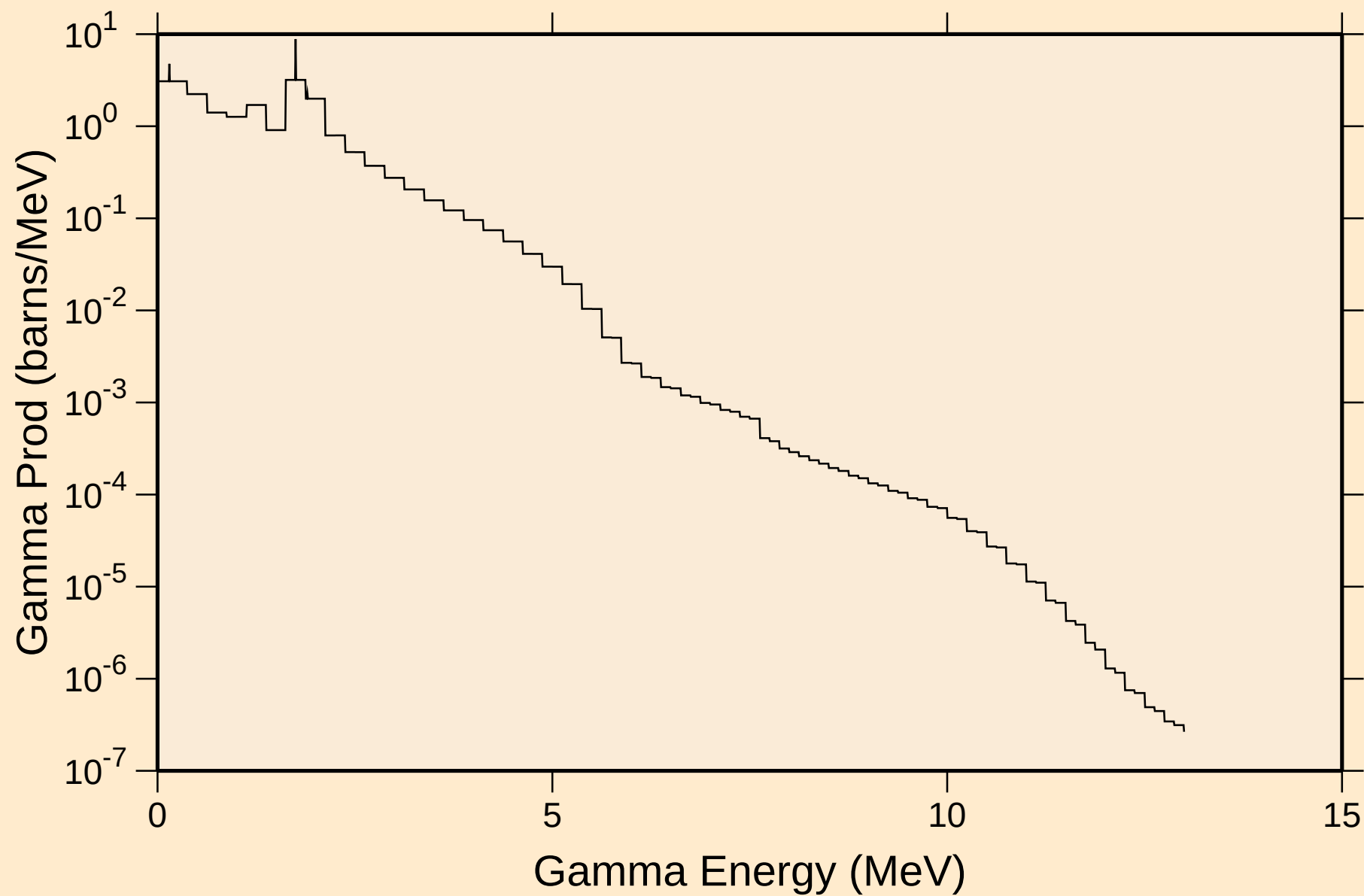


JEFF-3.1 ZR-96
thermal capture photon spectrum



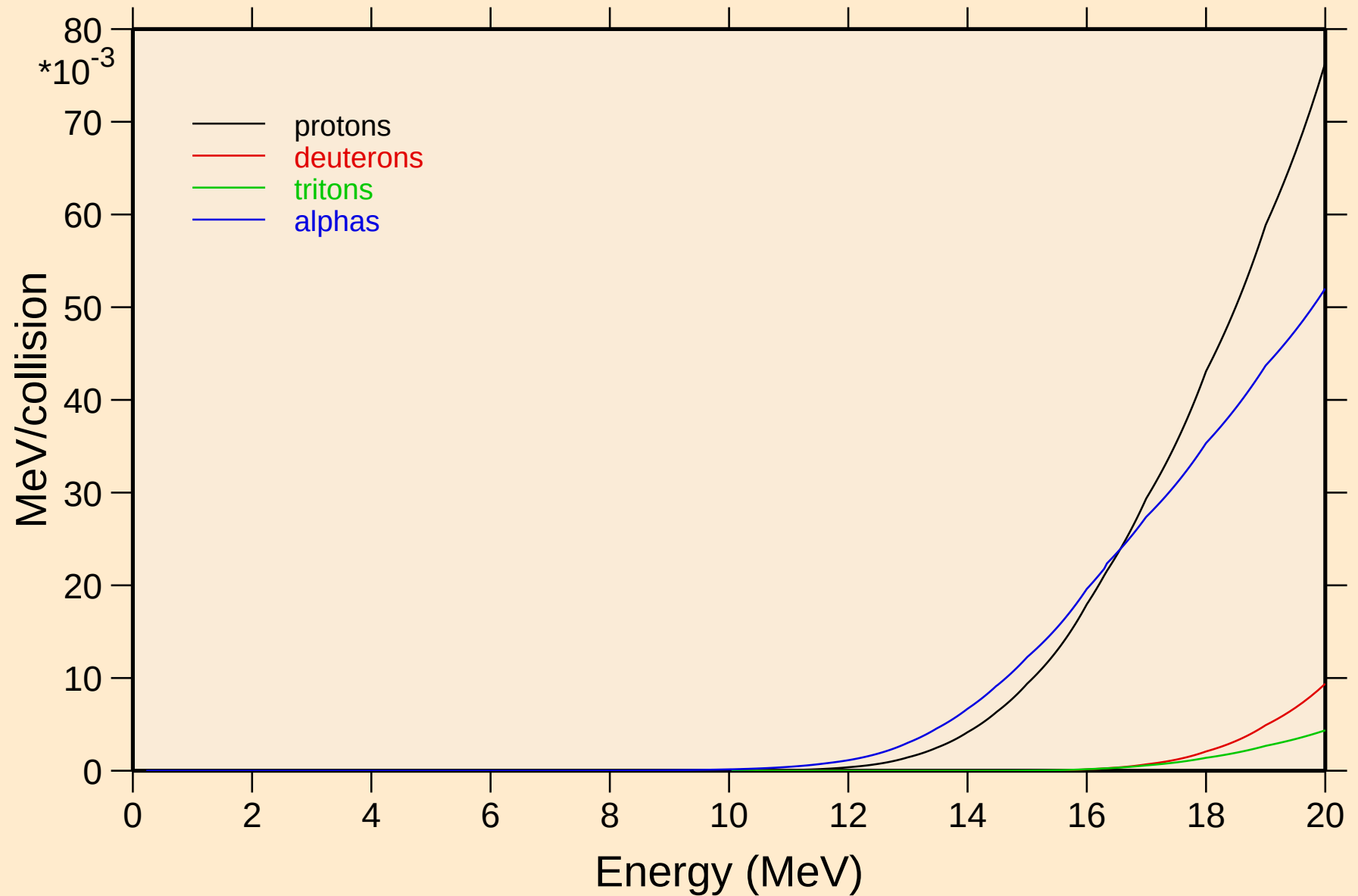
JEFF-3.1 ZR-96

14 MeV photon spectrum



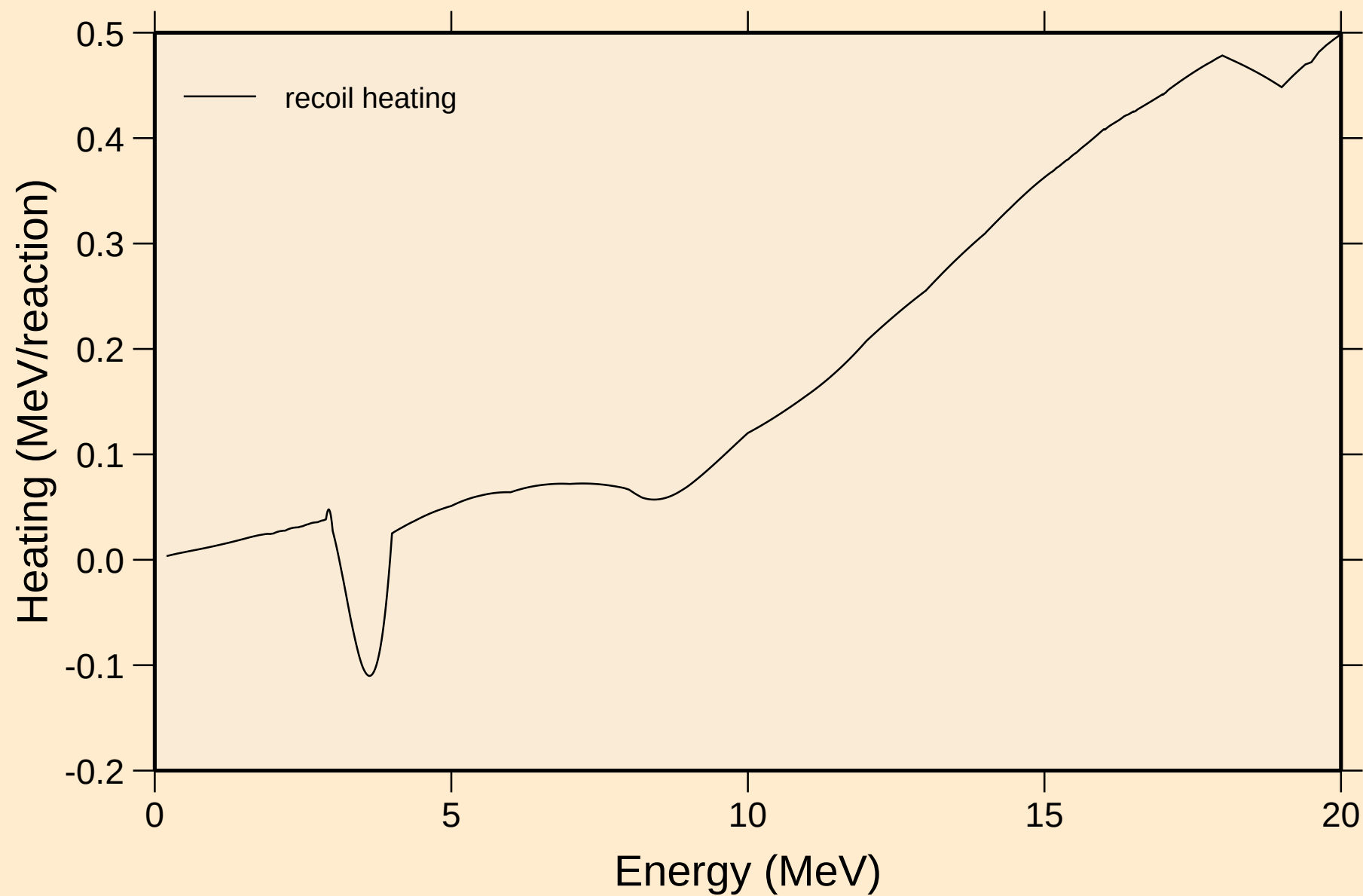
JEFF-3.1 ZR-96

Particle heating contributions



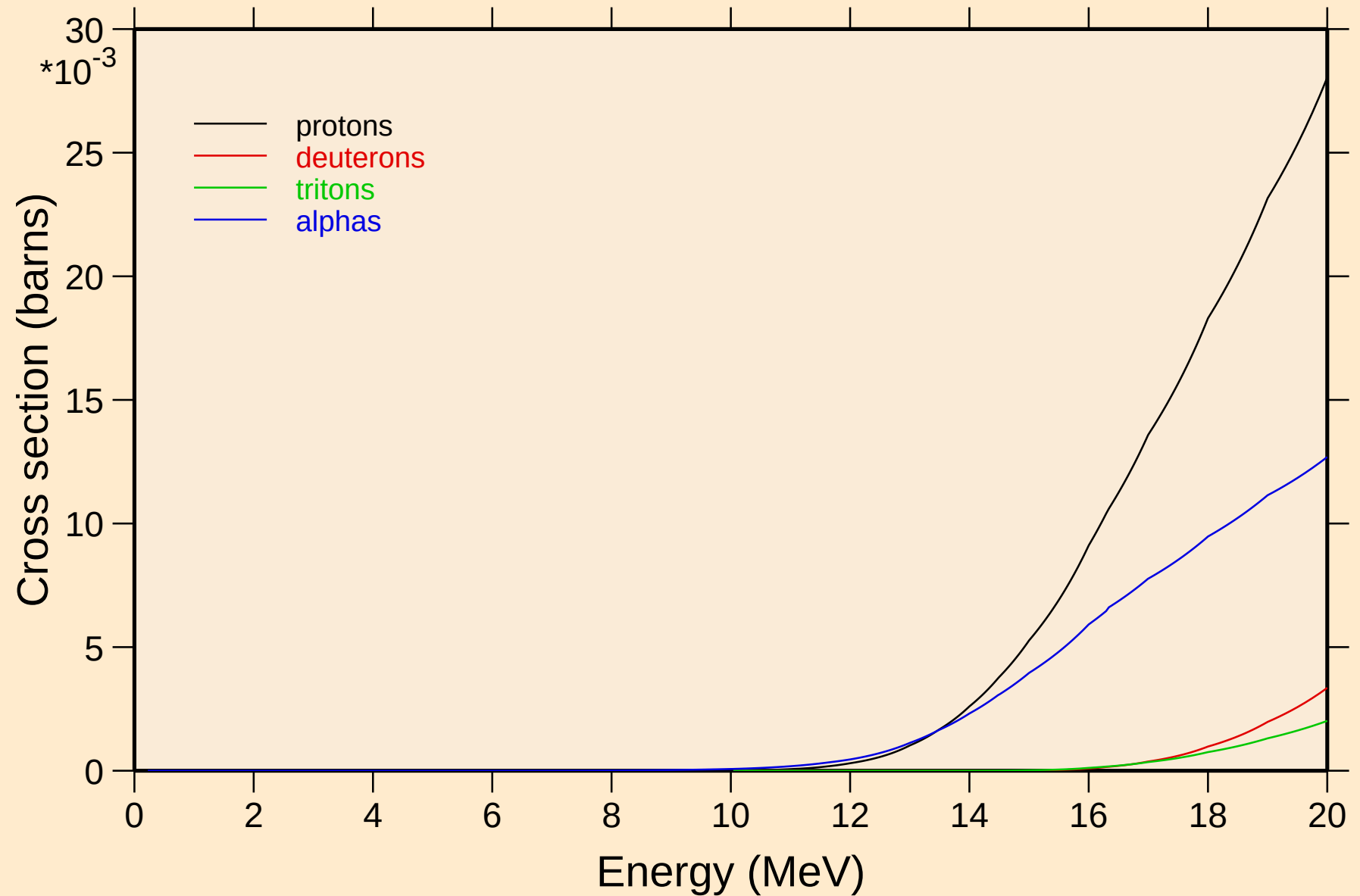
JEFF-3.1 ZR-96

Recoil Heating

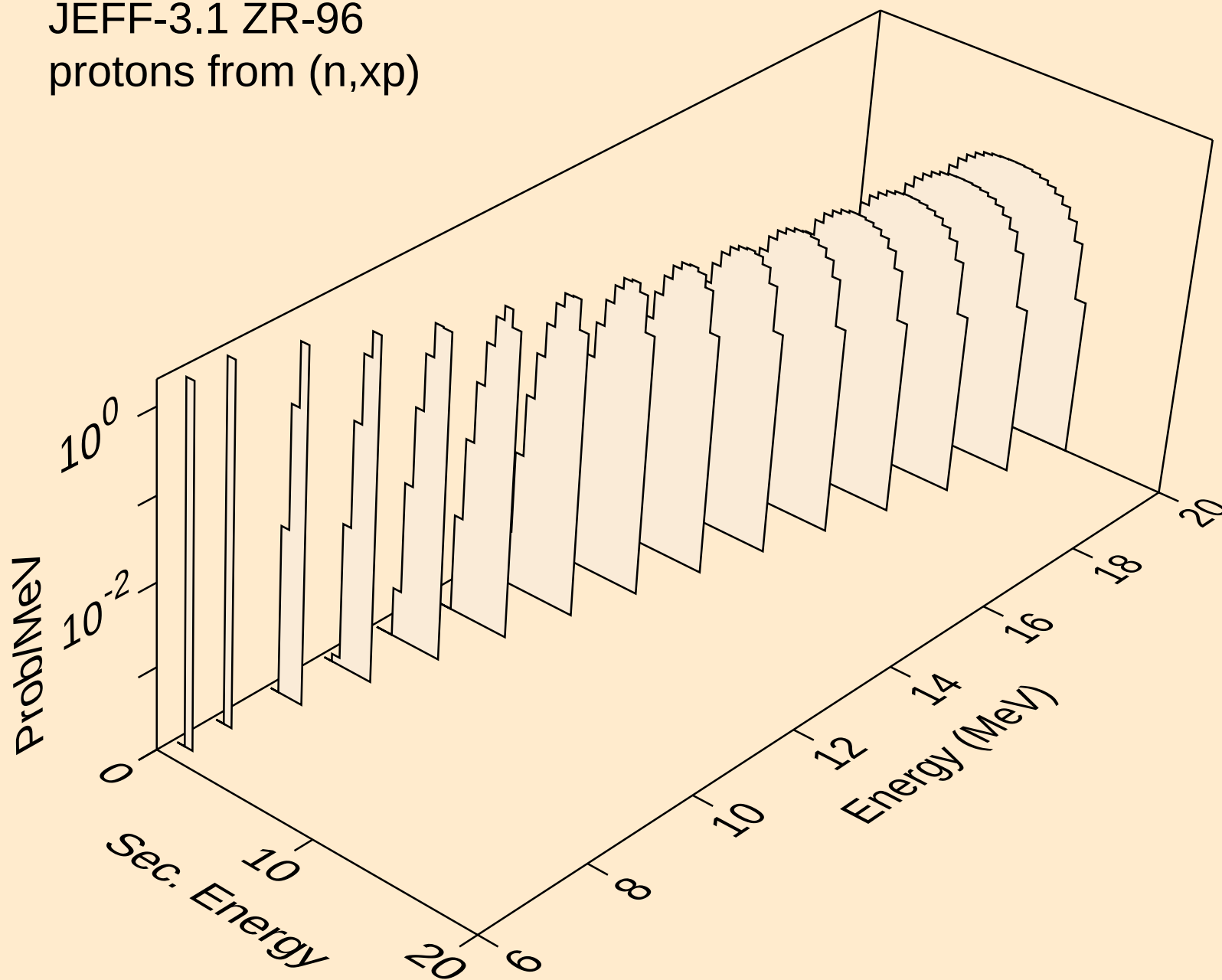


JEFF-3.1 ZR-96

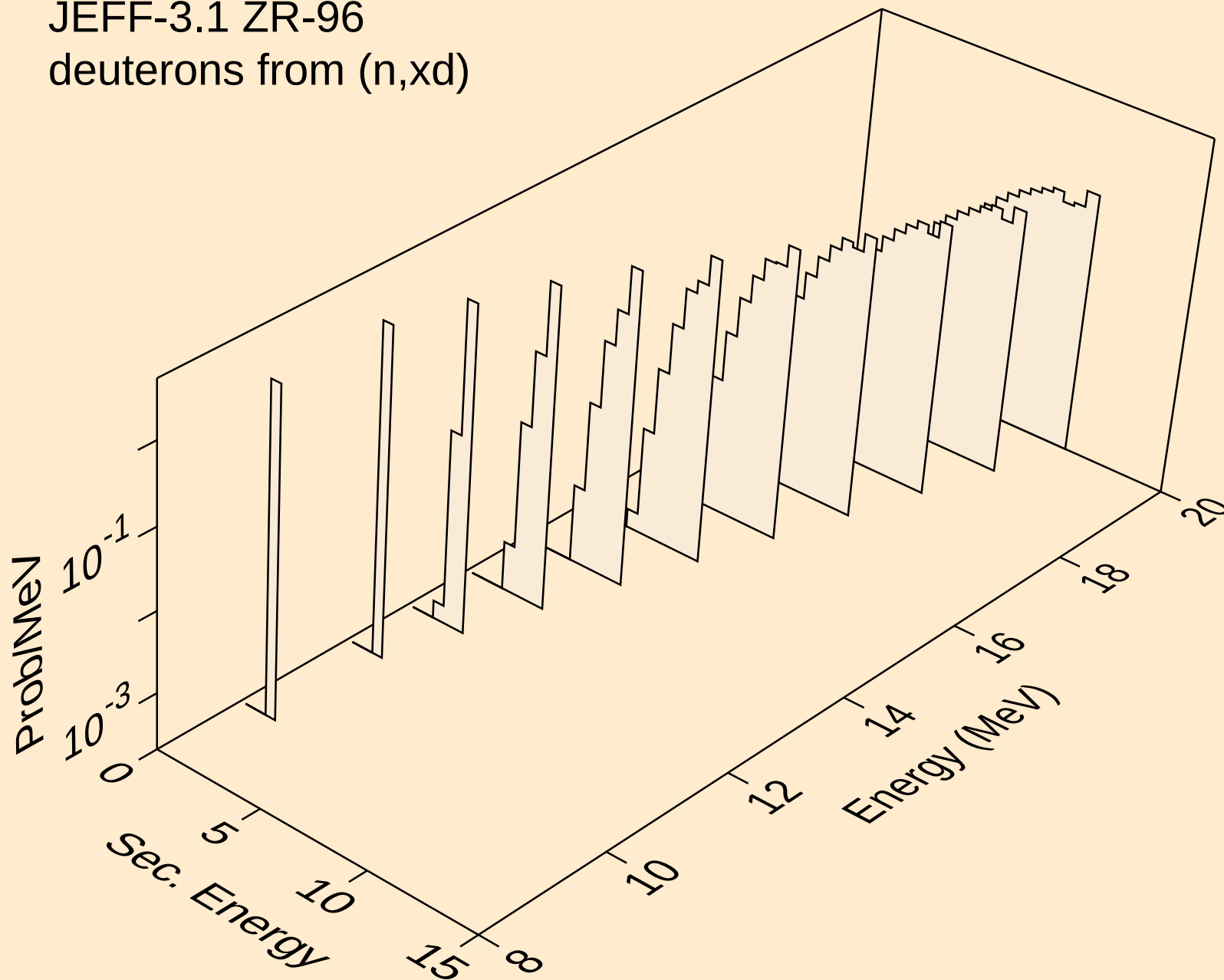
Particle production cross sections



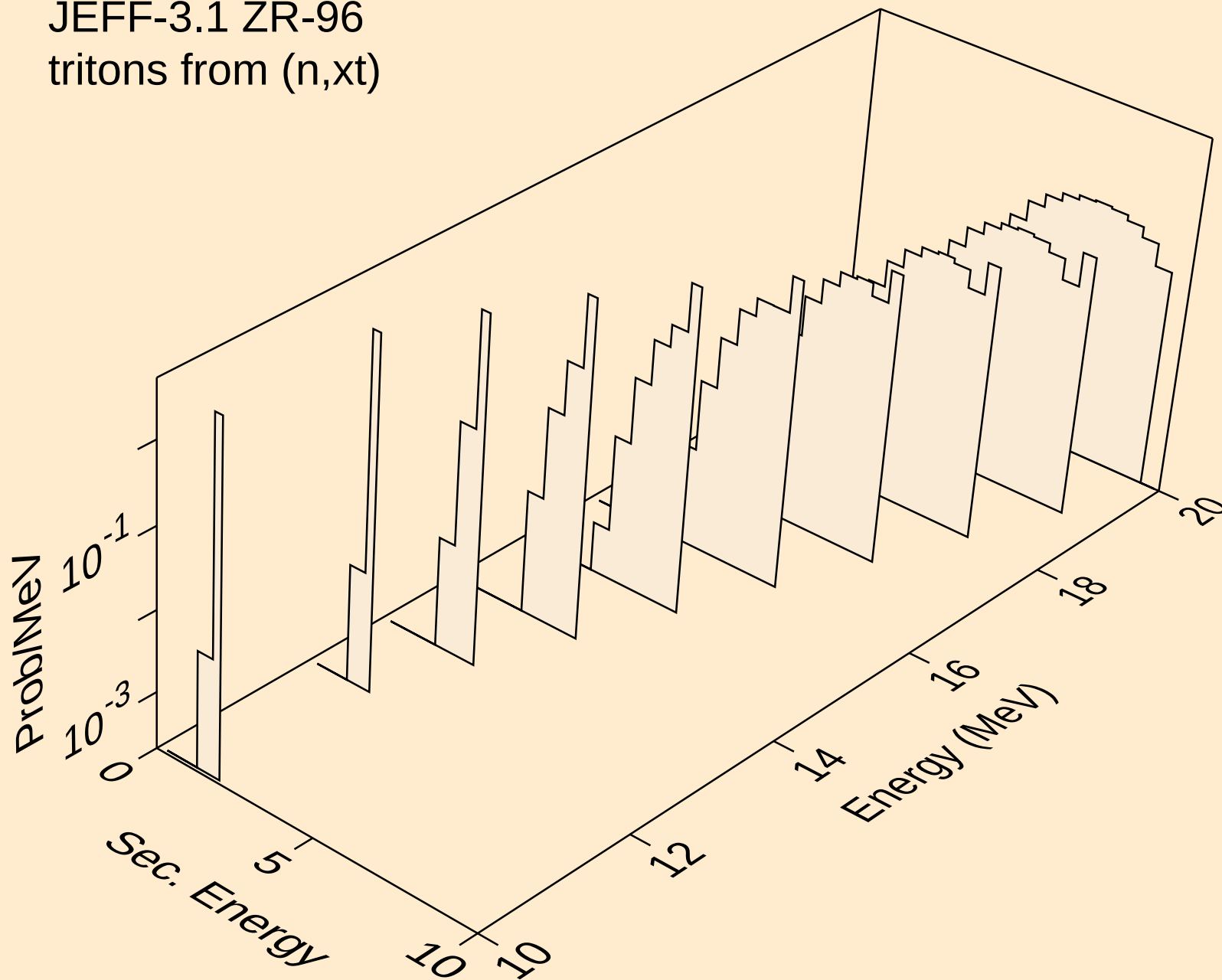
JEFF-3.1 ZR-96
protons from (n,xp)



JEFF-3.1 ZR-96
deuterons from (n,xd)



JEFF-3.1 ZR-96
tritons from (n,xt)



JEFF-3.1 ZR-96
alphas from (n,xa)

