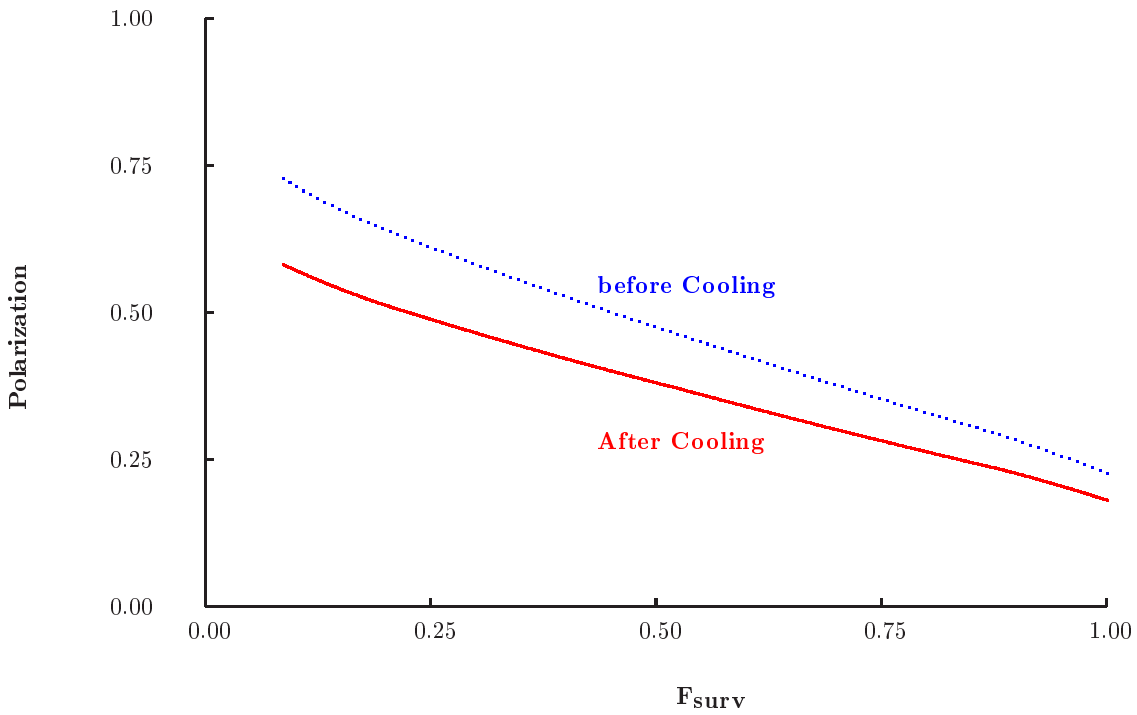Polarization/Luminosity Trade off