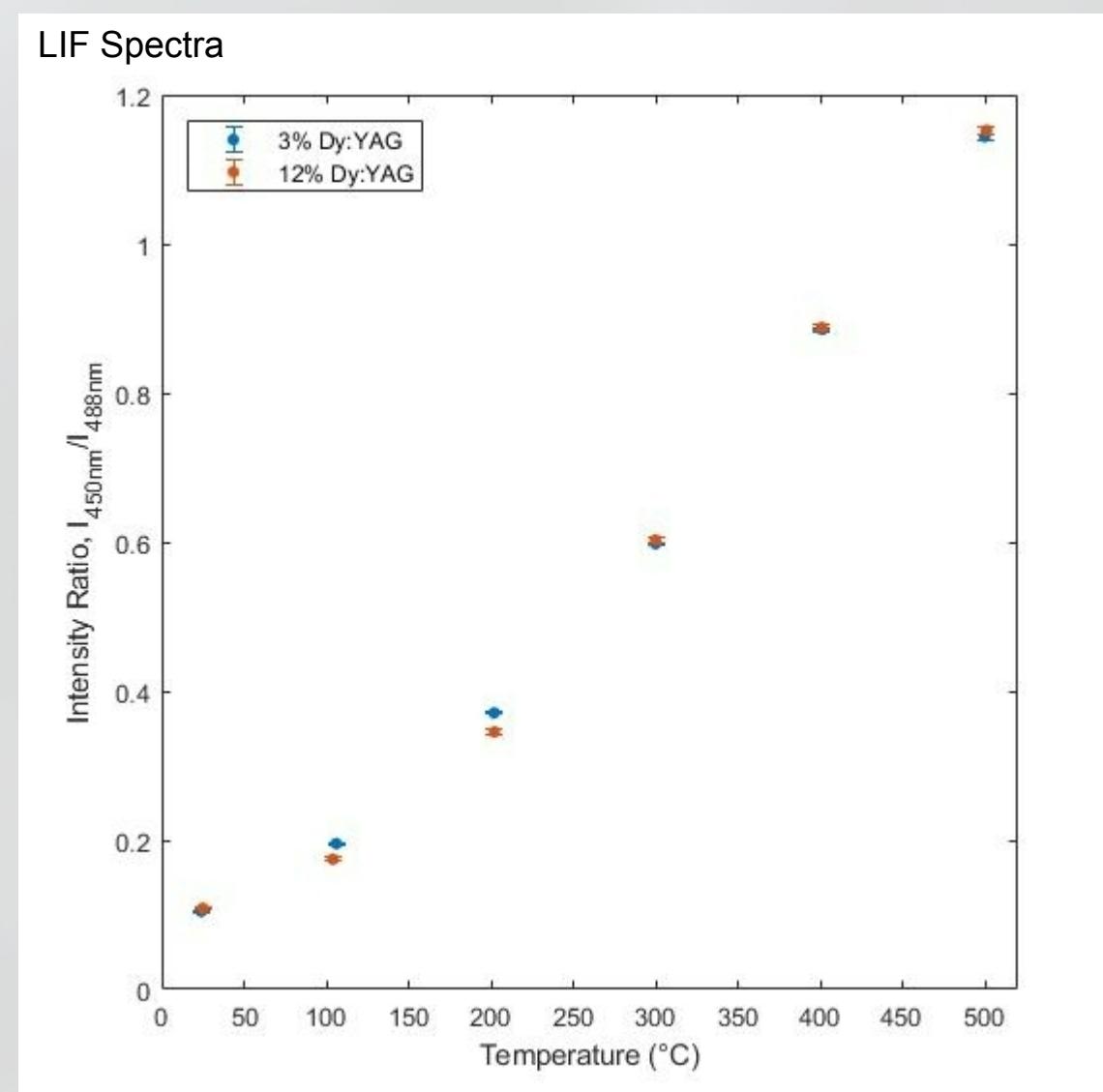
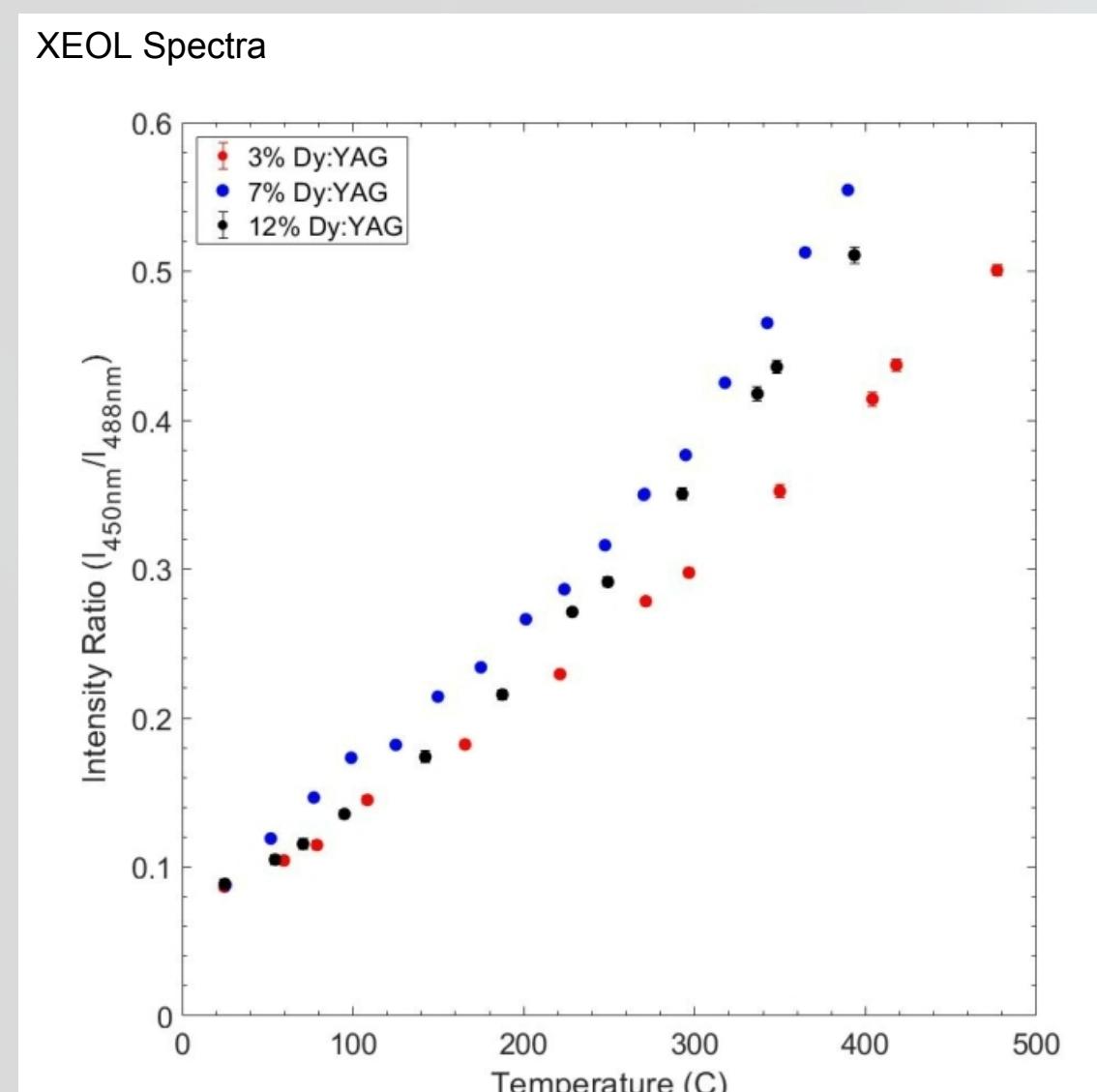


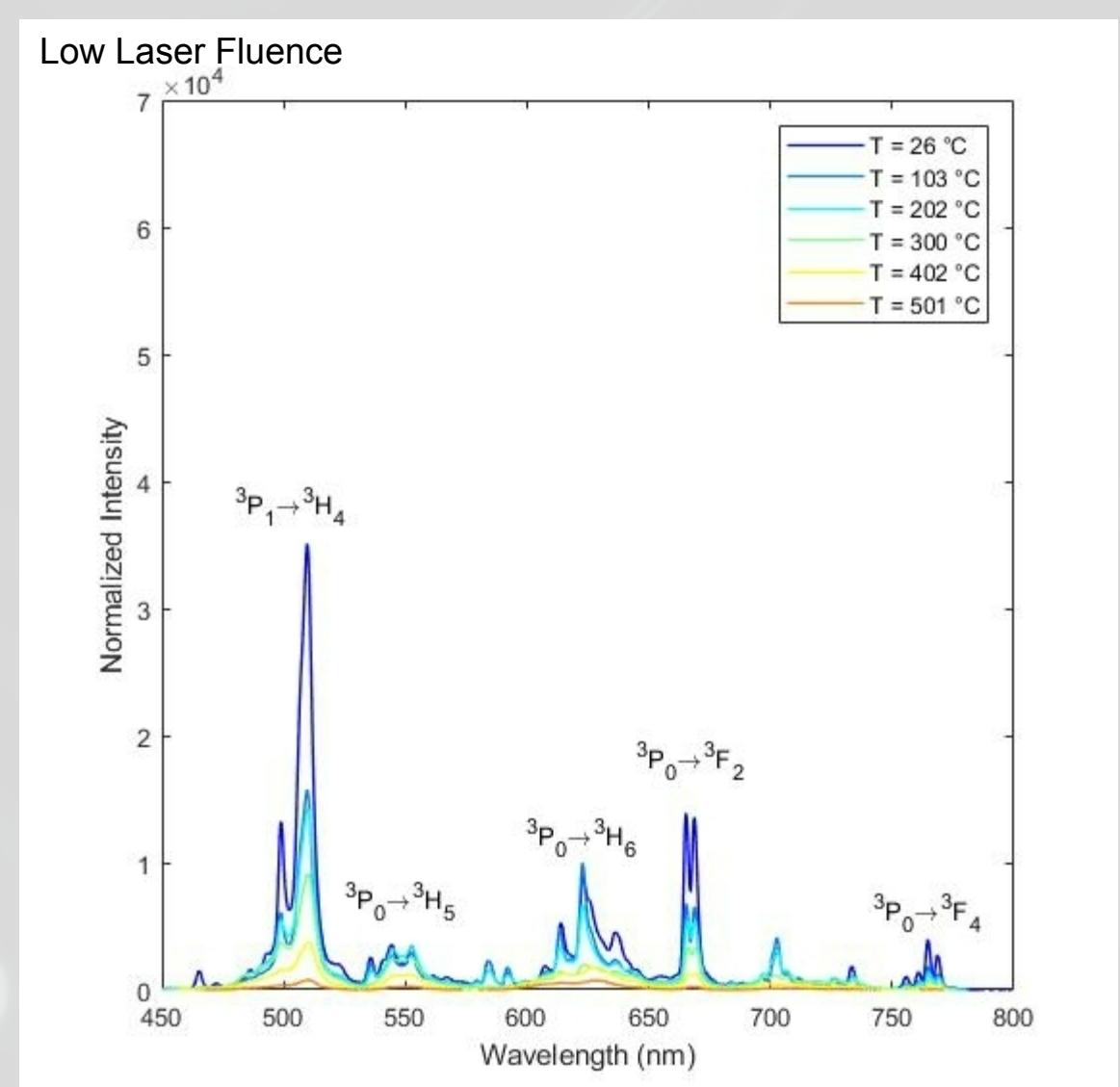
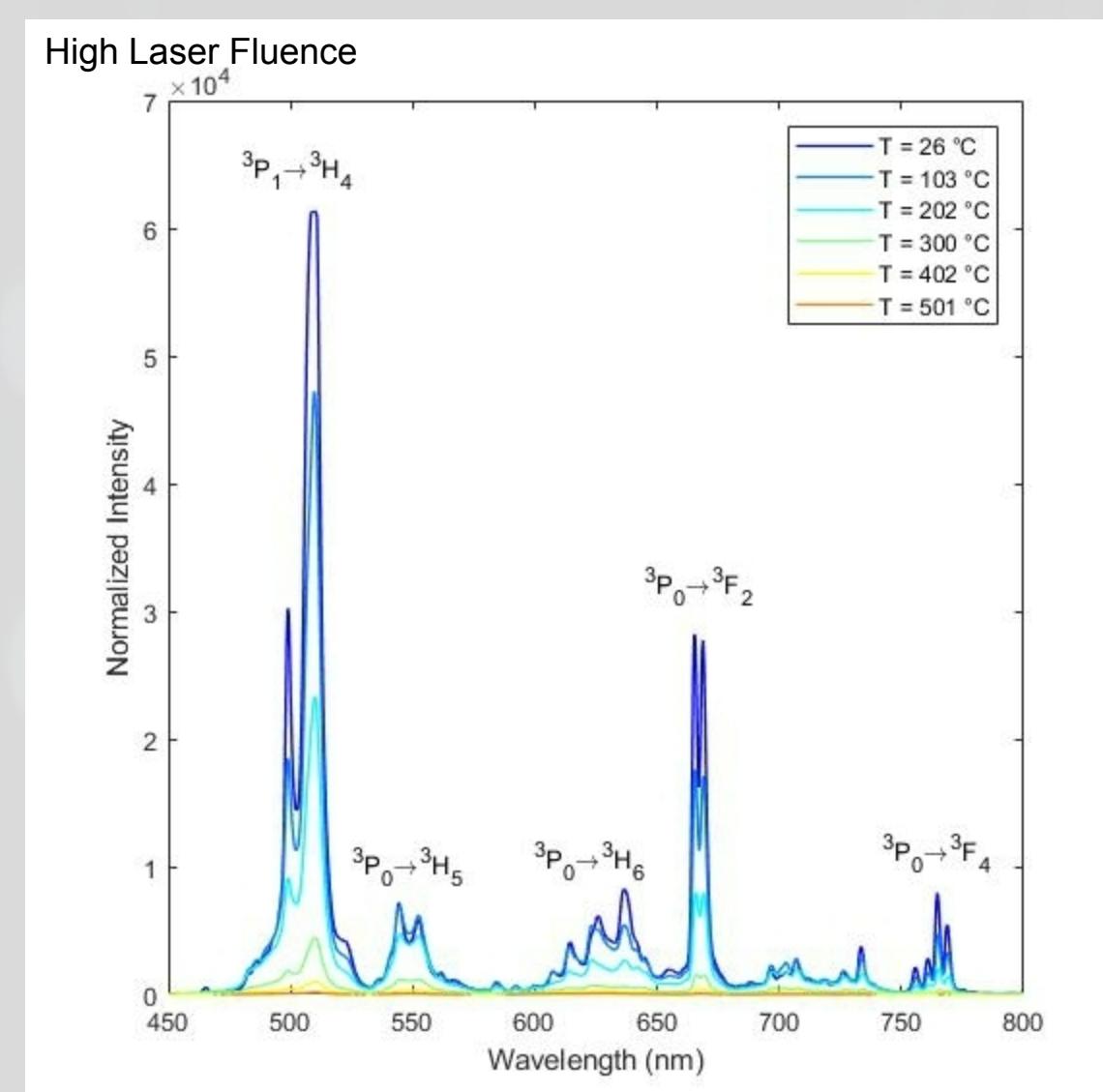
Additional Content

Effect of Dopant Concentration on an Intensity Ratio of YAG:Dy



- The temperature sensitivity of XEOL has a stronger dependence on dopant concentration than LIF
- XEOL is less sensitive to temperature than LIF

Effect of Laser Fluence on 3% Pr:Gd₂O₂S LIF Spectra



- The manifold behavior of $^3P_0 \rightarrow ^3H_6$, $^3P_0 \rightarrow ^3H_5$, and less densely populated states are effected by laser fluence
- XEOL spectra more closely resemble the high-fluence LIF spectra, implying XEOL data may be within the saturation regime