Degree of burn for $T_a = 300$, depth, and time for P=70 W, E_{pixel} =400 mJ 1.4 Triangular Gaussian 1.2 **Tophat** 1st degree burn 1.0 -2nd degree burn 3rd degree burn 0.8 Time/s 0.4 0.2 0.06 0.00 0.02 0.04 0.08 0.10

Depth/cm