Degree of burn as a function of  $T_a$ , depth, and time for P=30 W,  $E_{pixel}$ =50 mJ 0.25 300 350 400 0.20 450 500 1st degree burn 0.15 -2nd degree burn Time/s 3rd degree burn 0.10 0.05 0.00 0.010 0.015 0.0000.005 0.020 0.025 0.03 Depth/cm