

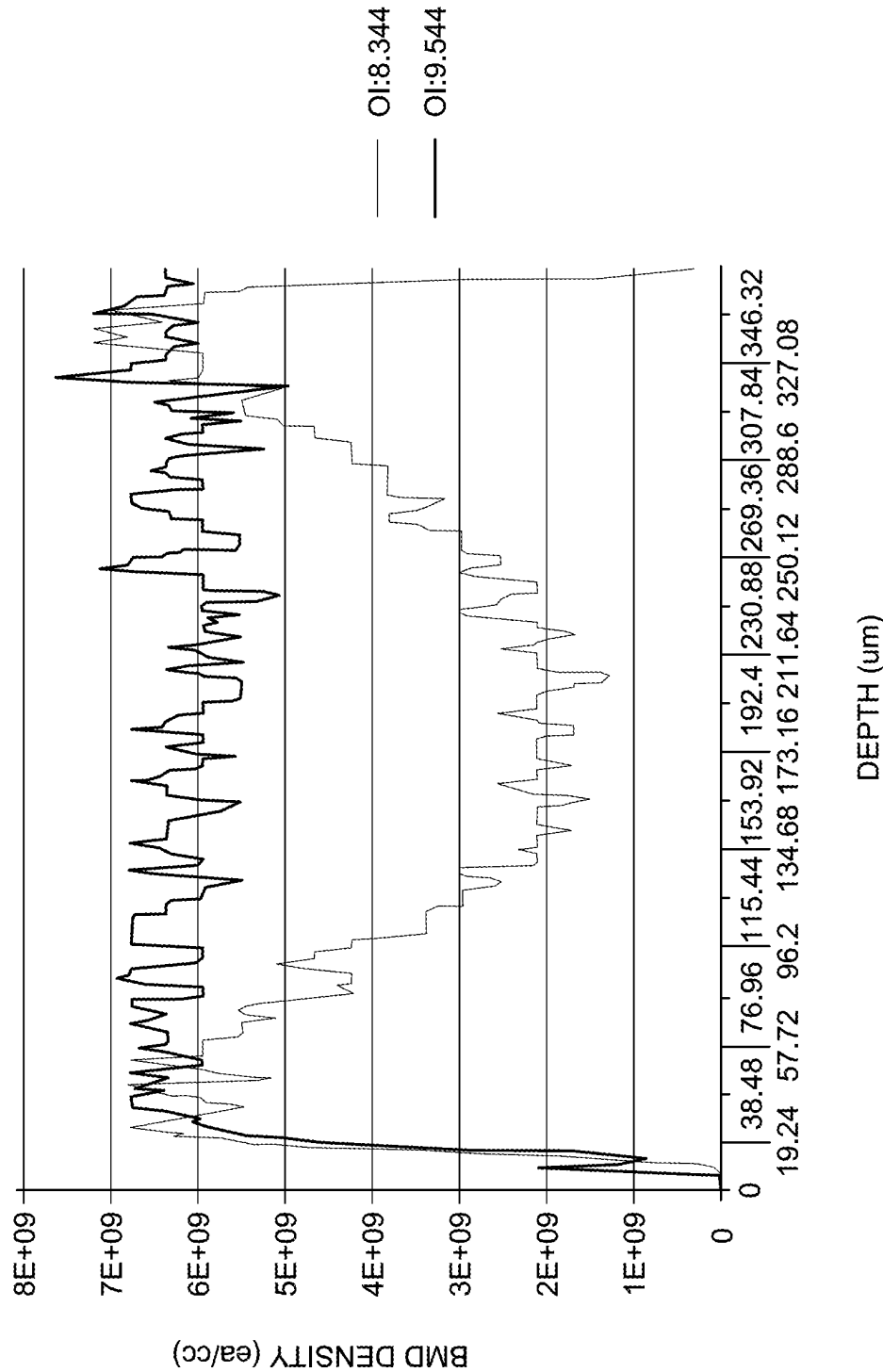


FIG. 1

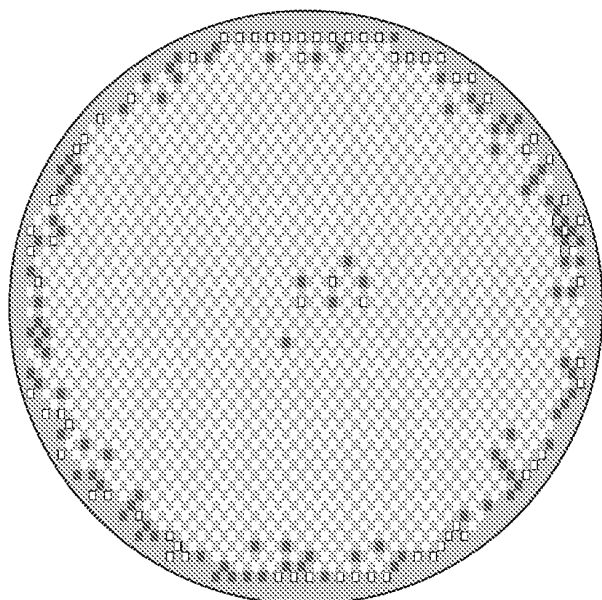


FIG. 2A

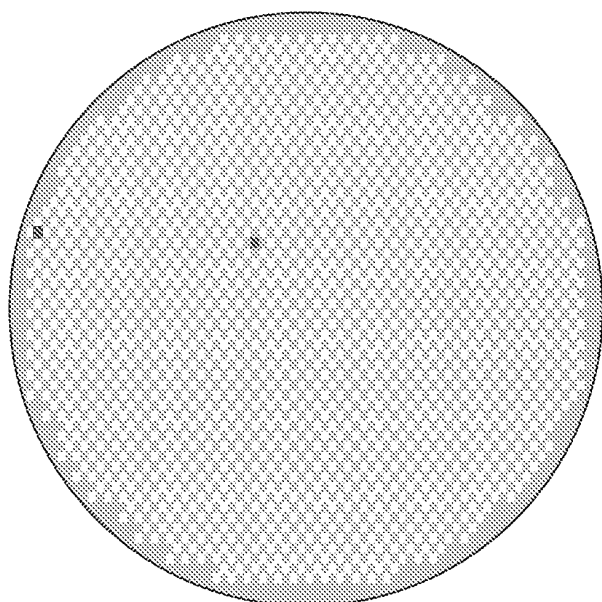


FIG. 2B



FIG. 3A

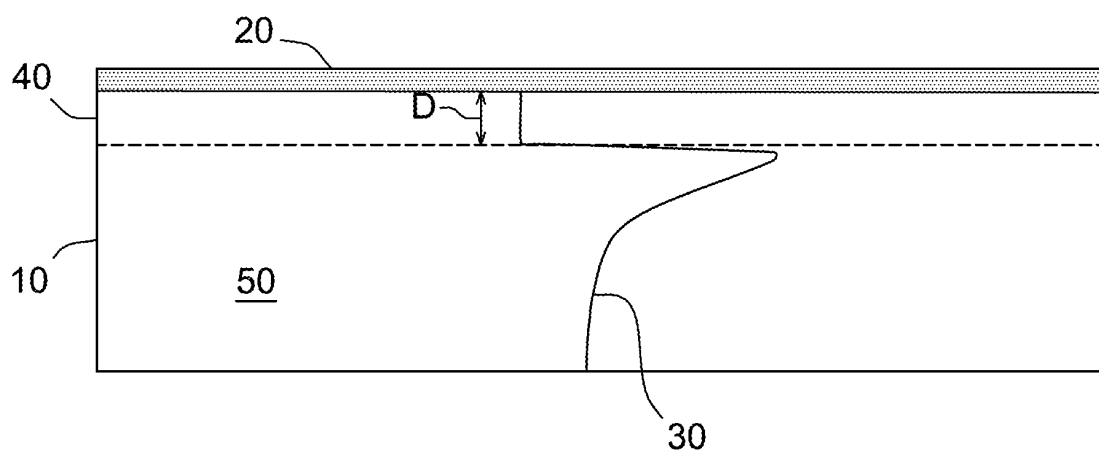


FIG. 3B

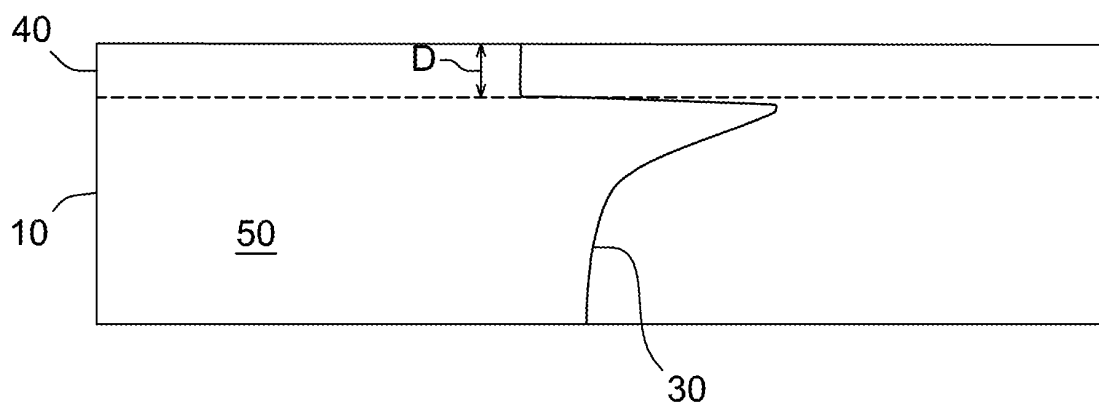


FIG. 3C

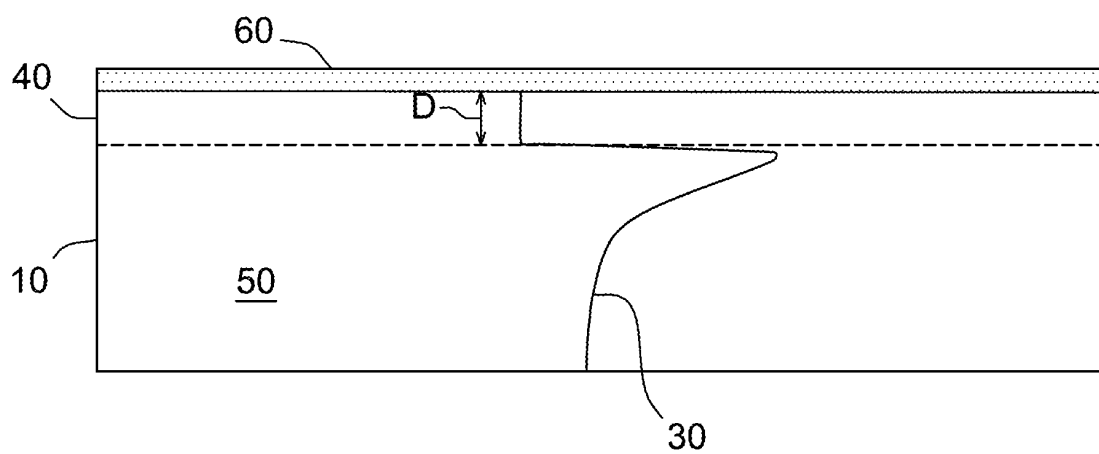


FIG. 3D

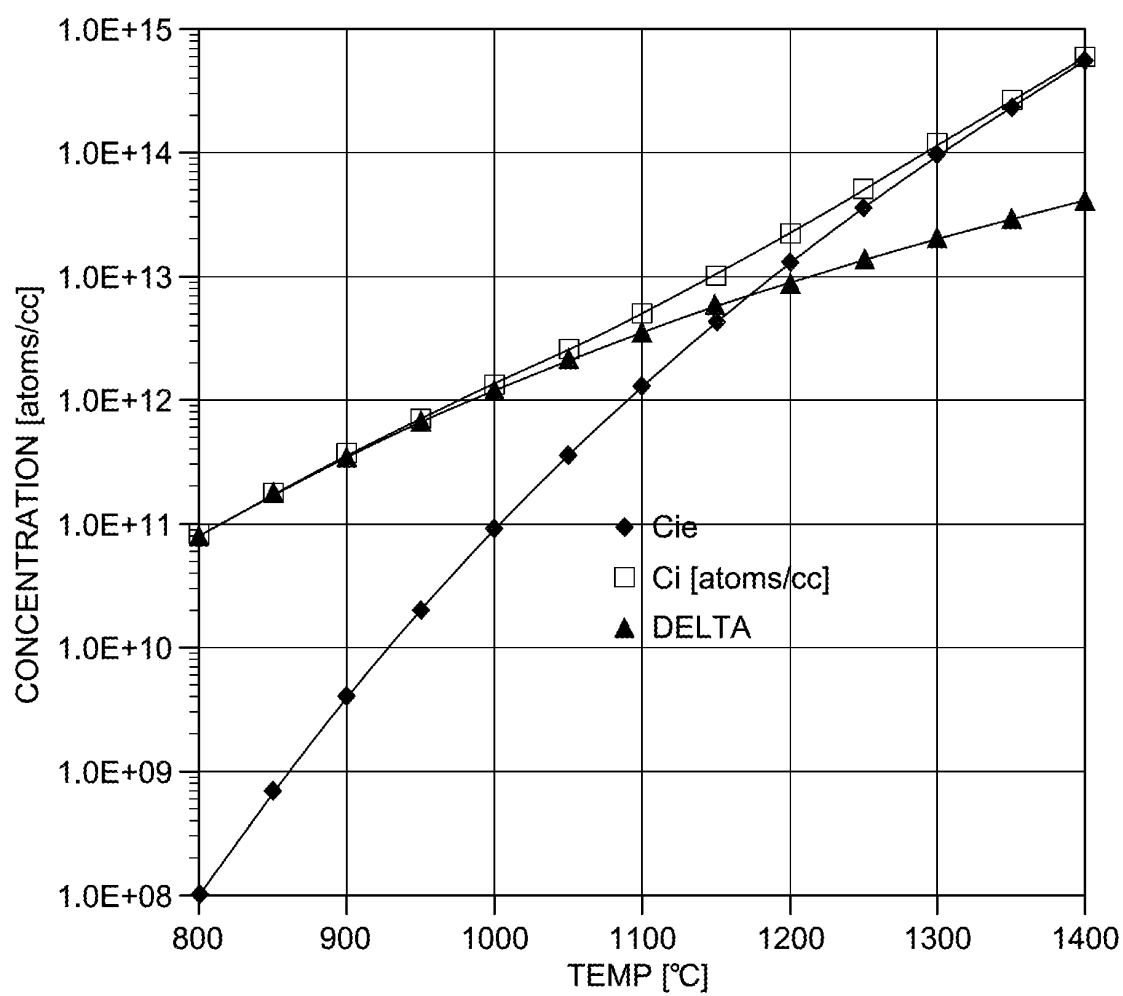


FIG. 4

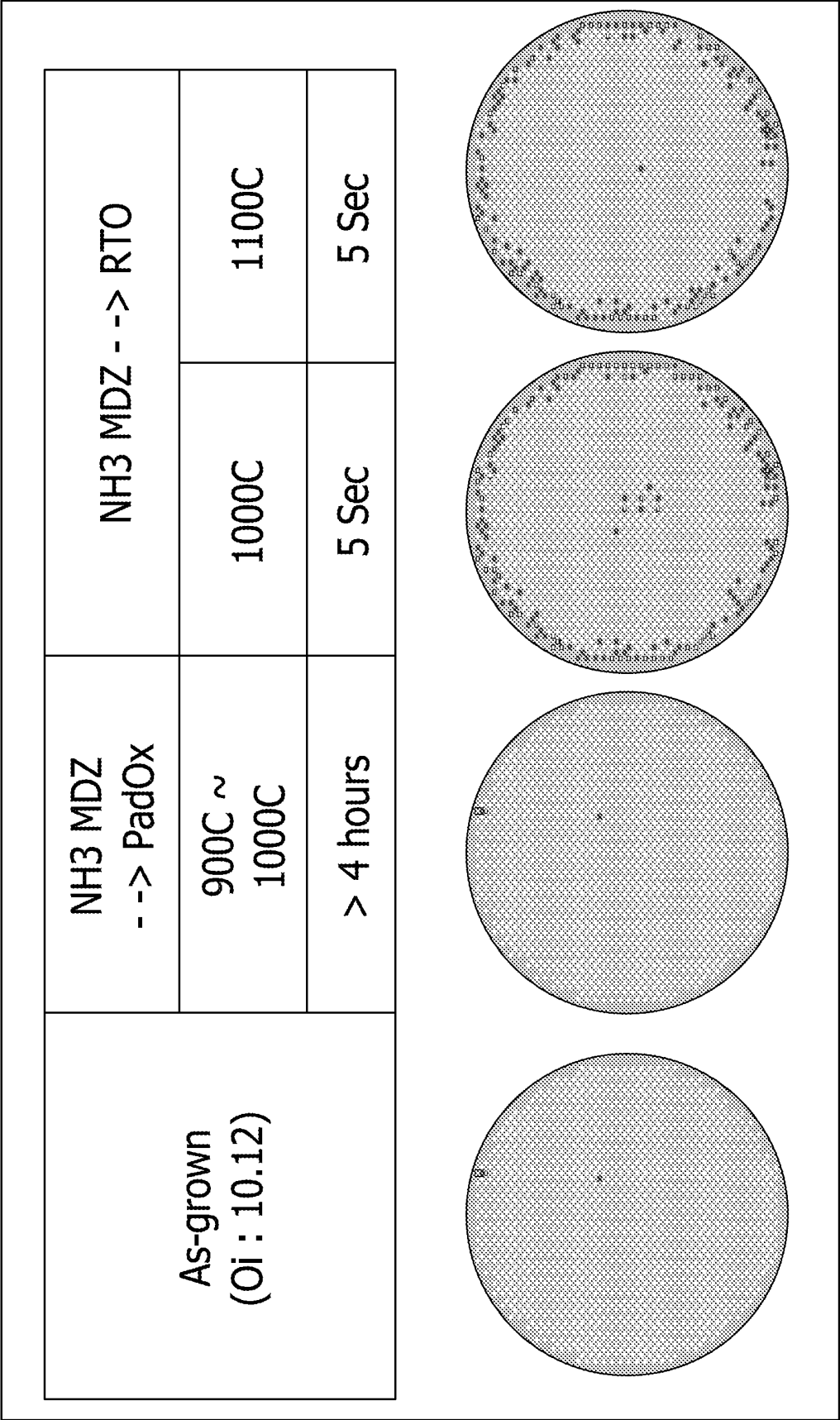
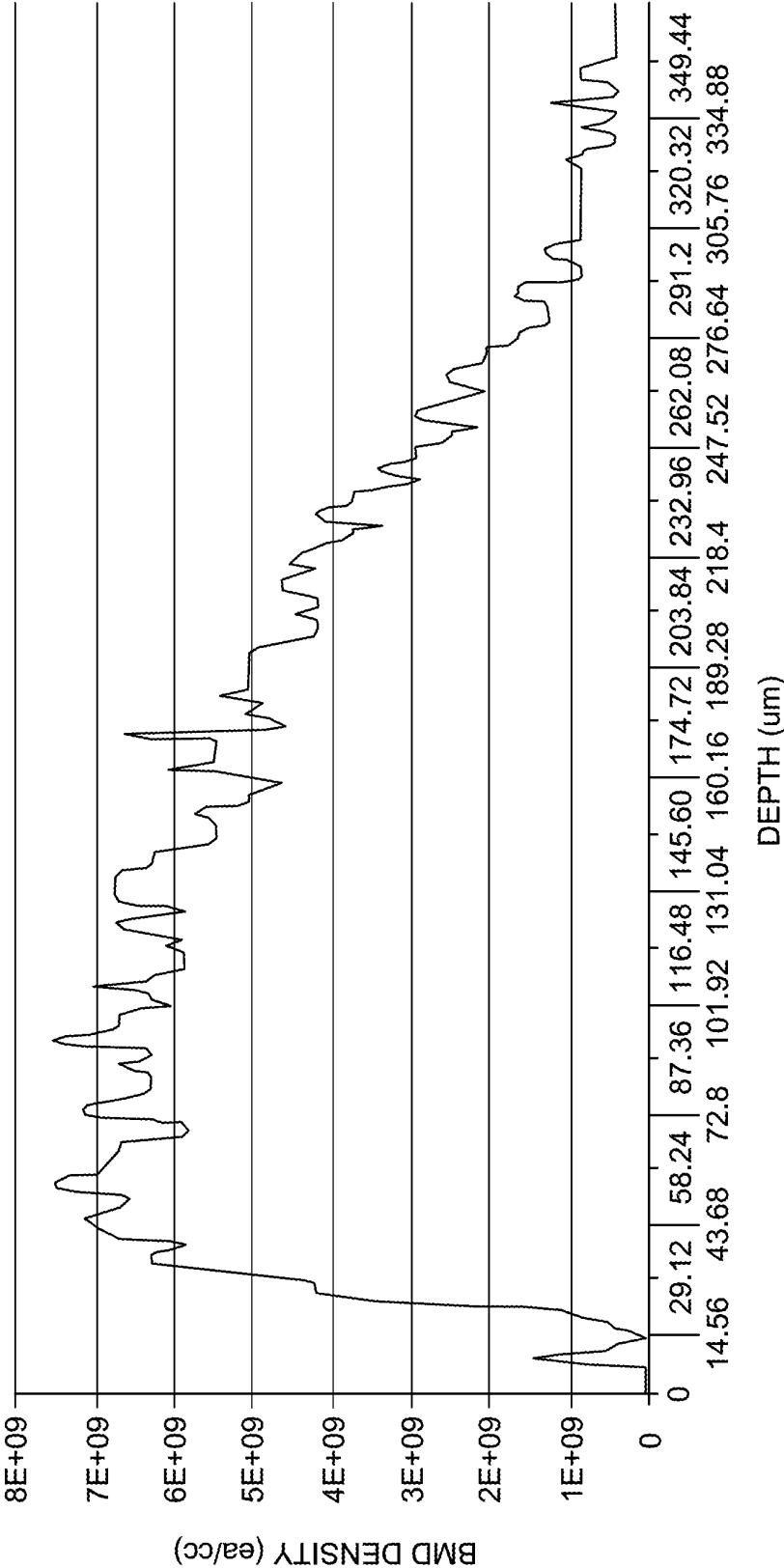
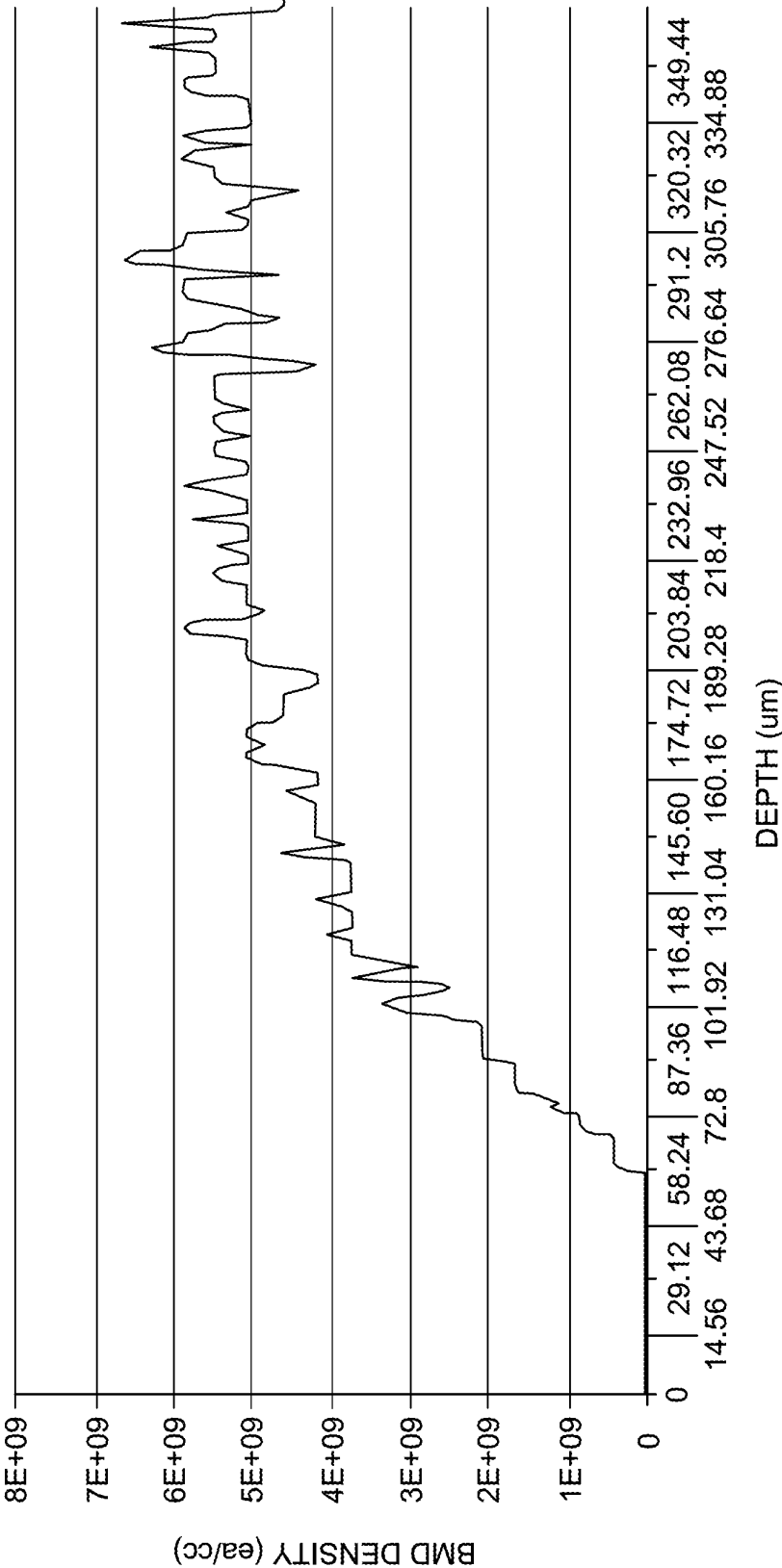


FIG. 5



—— 2STEP NH3 POR -> Dpol-> Fpol-> PPIC-> O2 MDZ 1000C @ 5s

FIG. 6A



—— 2STEP NH3 POR -> Dpol-> Fpol-> PPIC-> O2 MDZ 1100C @ 5s

FIG. 6B

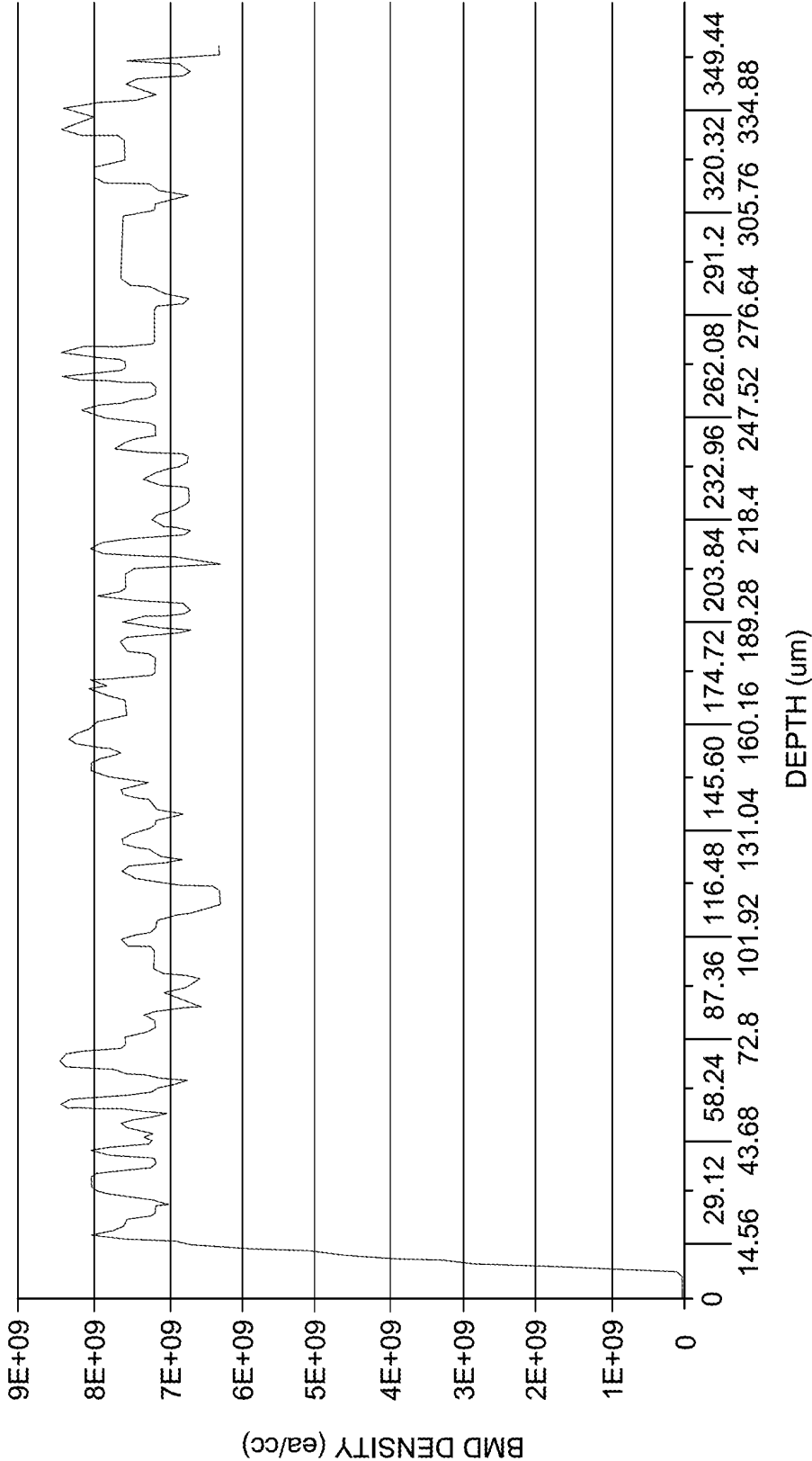


FIG. 6C

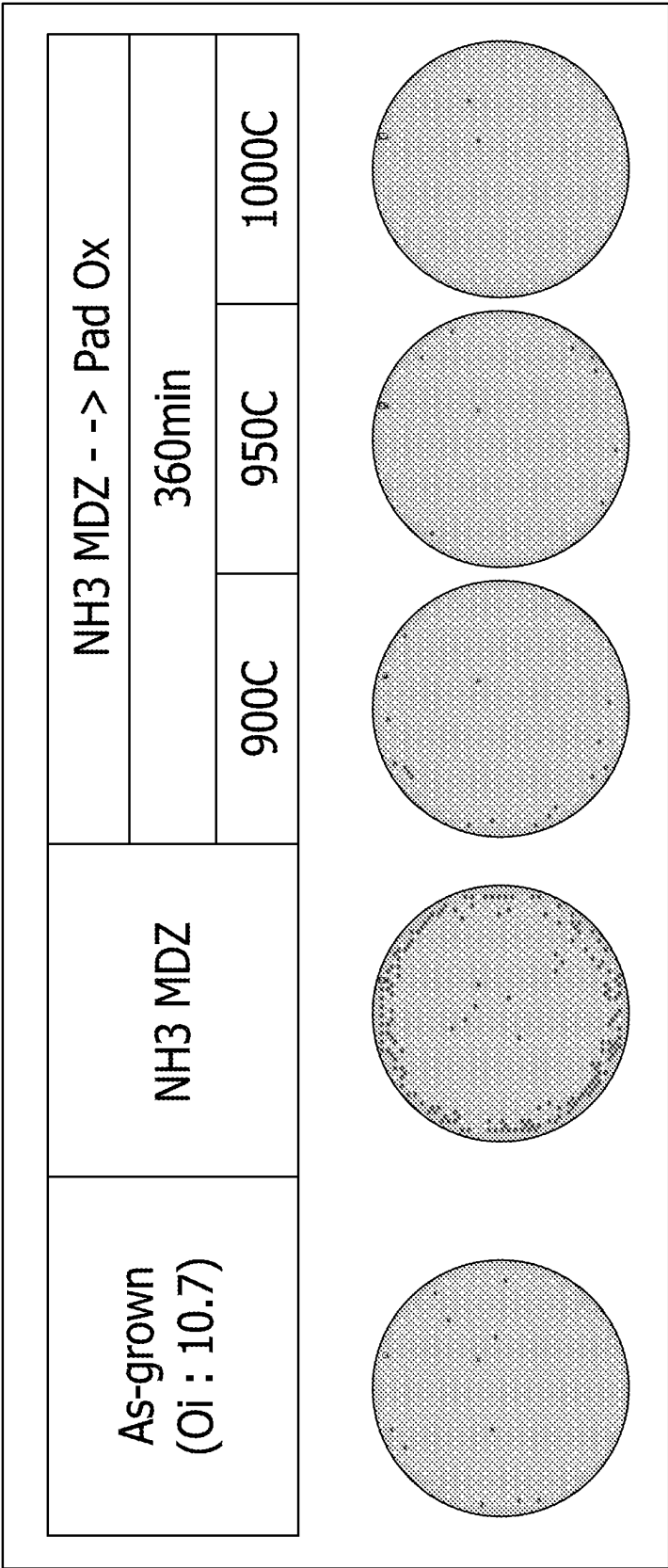


FIG. 7

GOI Improvement as function of oxidation time & Temp.
<11.0 ppma, Post NH3 MDZ

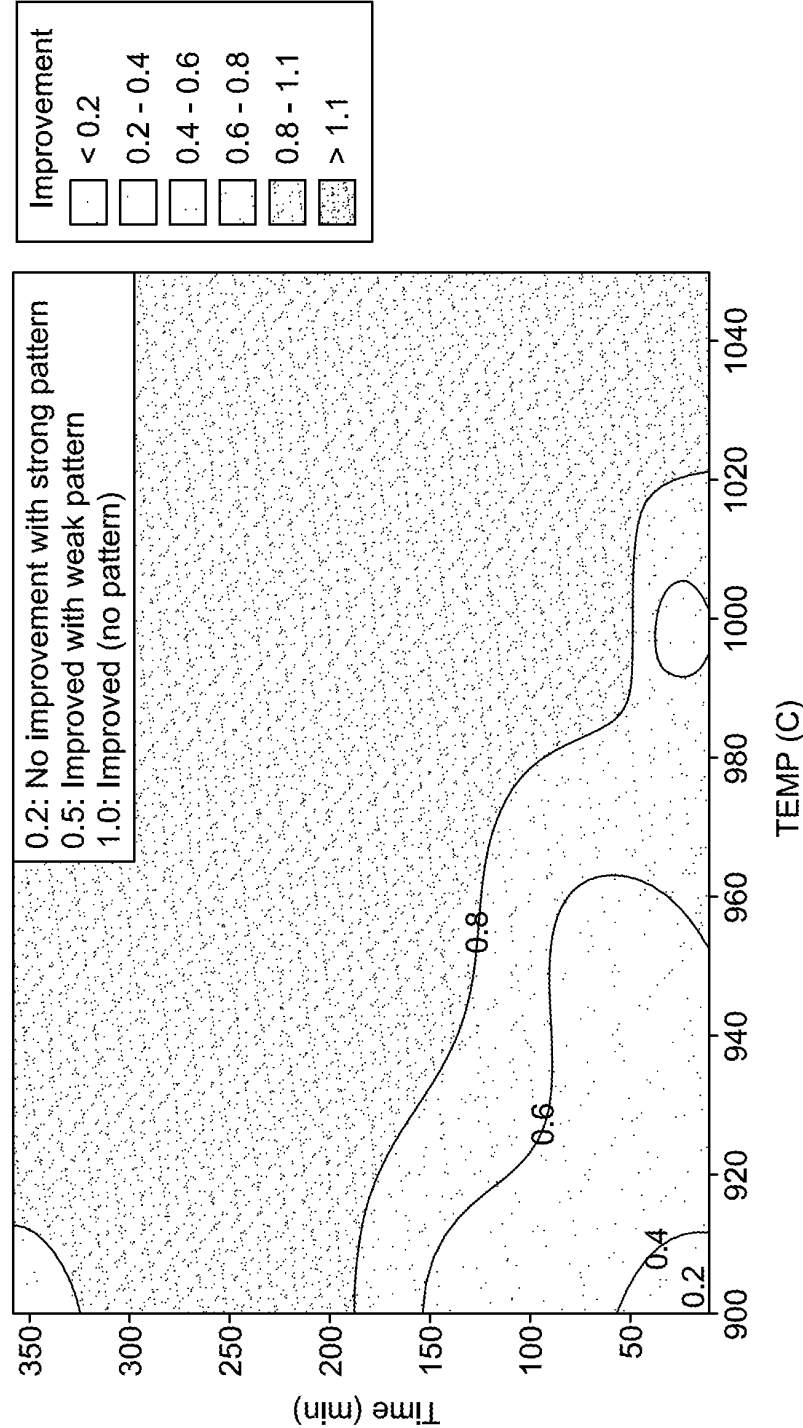


FIG. 8