Perturbed current density (top) and vorticity (bottom) for (1,1) tearing mode at different S

time stepping. This will S=10<sup>5</sup> S=10<sup>8</sup> S=10<sup>7</sup> S=10<sup>6</sup> allow studies at higher S values.

M3D- $C^1$  code has higher

resolution and implicit