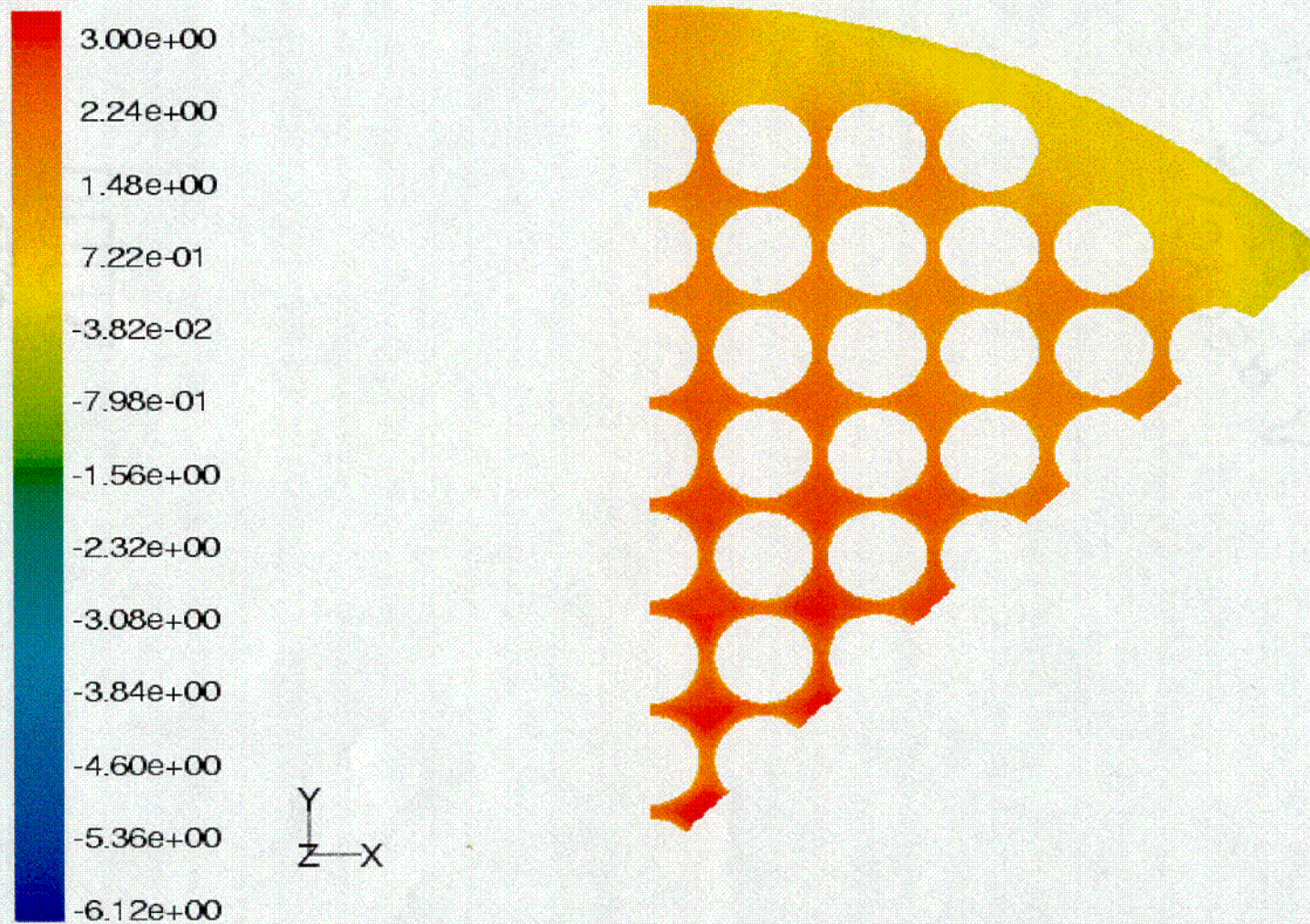


Figure 1 One-eighth Slice of BWR/4 Lower Plenum

C01



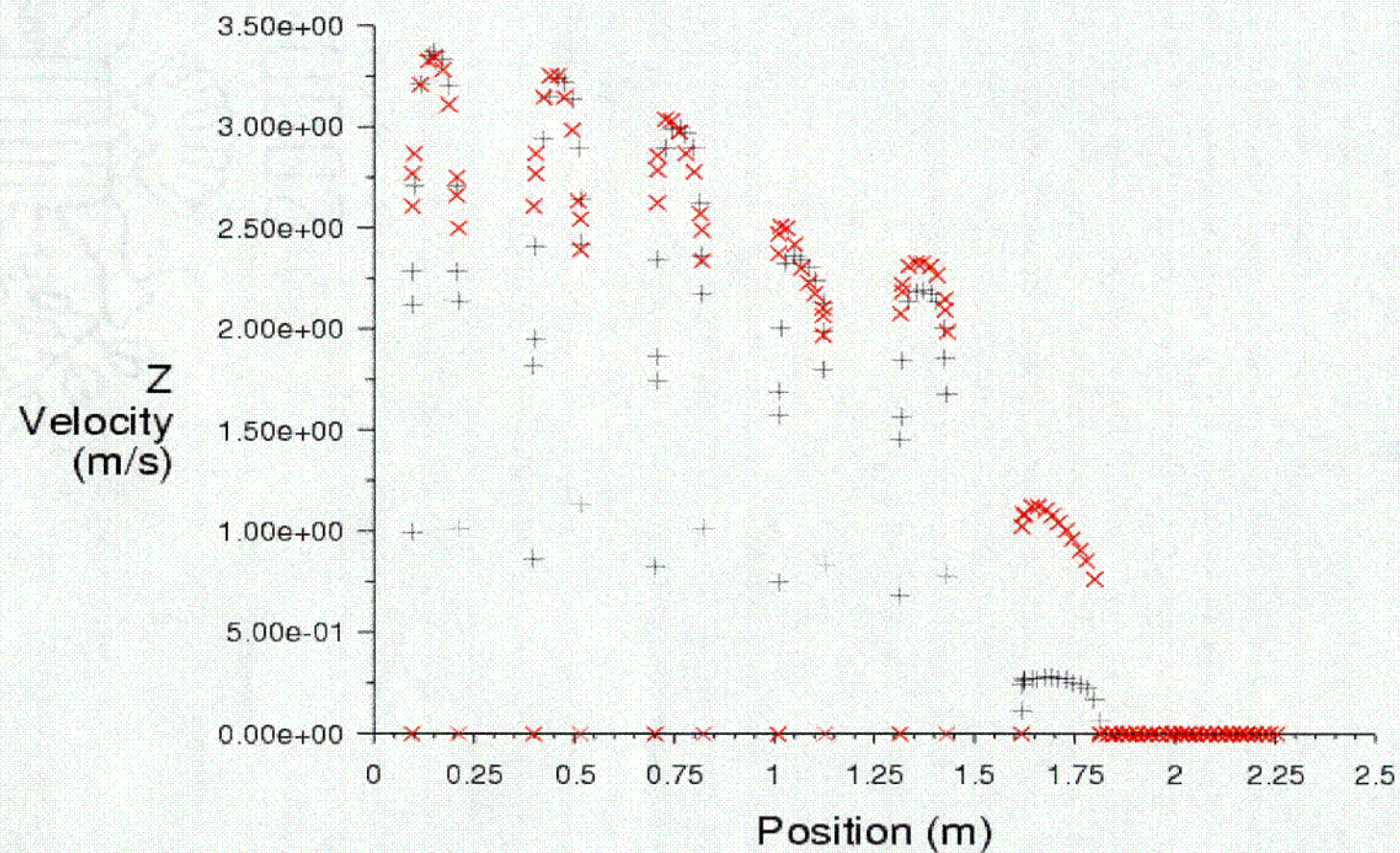
Contours of Z Velocity (m/s)

Dec 21, 2000
FLUENT 5.4 (3d, dp, segregated, rngke)

Figure 2 Contours of vertical velocity looking down from the core into the lower plenum.

C02

+ lower-tieplate
x shroud-lp-int

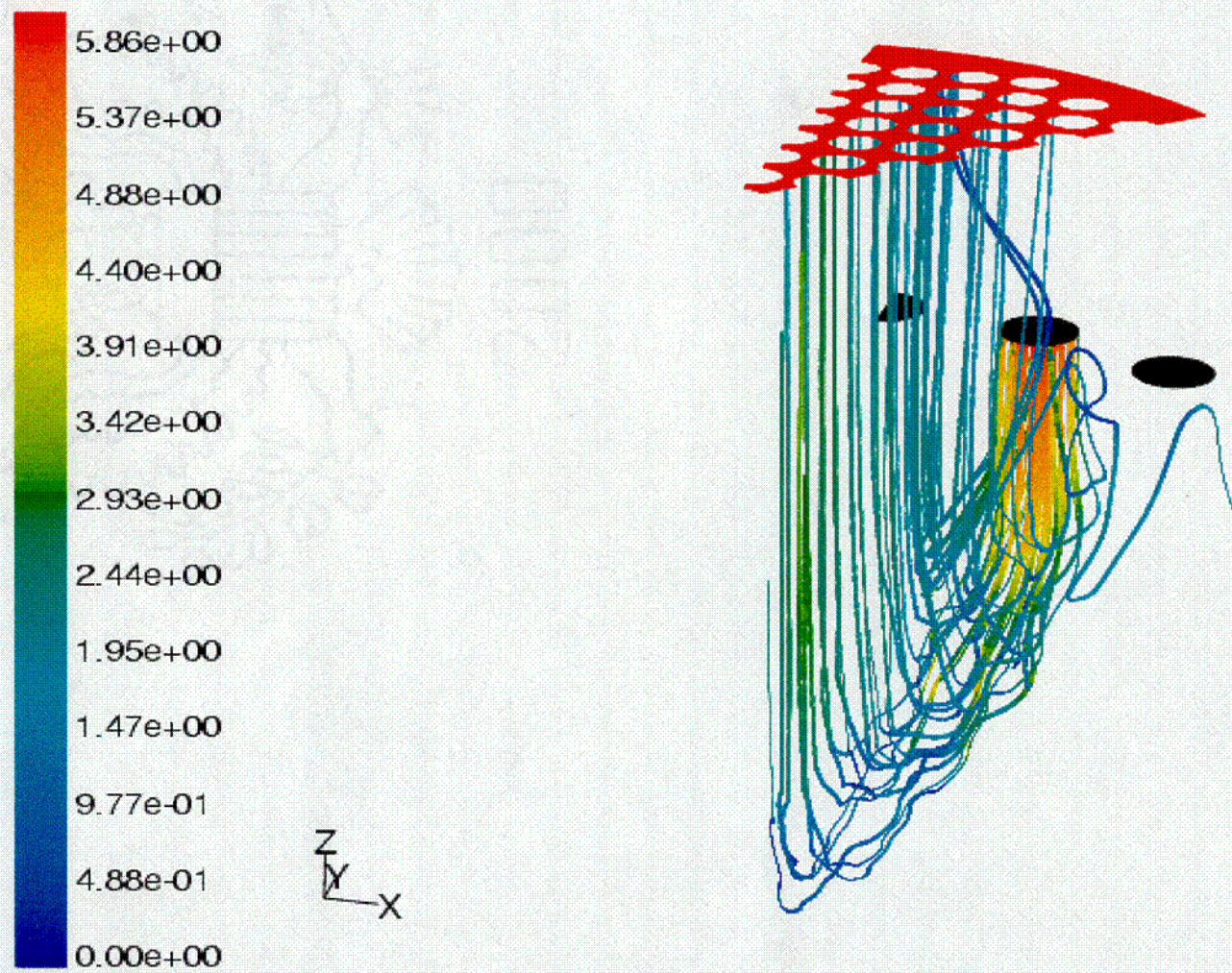


Z Velocity

Dec 21, 2000
FLUENT 5.4 (3d, dp, segregated, rngke)

Figure 3 Plot of vertical velocity along two lines at different elevations from the centerline to the outer radius of the lower shroud

C03



Path Lines Colored by Velocity Magnitude (m/s)

Dec 21, 2000
FLUENT 5.4 (3d, dp, segregated, rngke)

Figure 4 Pathlines of mass-less particles flowing from jet pump diffuser into lower plenum