Fixed Aspect Ratio/Variable Anisotropy

Radial Transect View

(a)
95 % of flow accesses 3.3 % of polygon volume

$K_r/K_z = 0.1$
R/L=10

r/R=0.96 — 0.4L

(b)
95 % of flow accesses 10.6 % of polygon volume

$K_r/K_z = 1$
R/L=10

r/R=0.88 — 1.2L

(c)
95 % of flow accesses 32.1% of polygon volume

0.950 0.850 0.750 0.450
0.650 0.550 0.150 0.050
0.850 0.250

$K_r/K_z = 10$
R/L=10

r/R=0.63 — 3.7L

(d)
95 % of flow accesses 49.1% of polygon volume

$K_r/K_z = 100$
R/L=10

r/R=0.36 — 6.4L

Vertical Axis [m]

Radial Axis [m]

Plan View

-R   0   R