point position and time difference in function of emission angle and depth point position difference time difference 1.2 -2.0e-04 Depth Depth 500m 500m 1.7e-04 scale 1.0 1000m 1000m 2000m 1.5e-04 2000m (s), log. 0.8 3000m 3000m 1.3e-04 -0.6 1.0e-04 time difference 7.5e-05 0.4 5.0e-05 -0.2 2.5e-05 0.0 0.0e + 0020 30 50 70 80 30 70 80 40 60 20 50 60 emission angle (deg) emission angle (deg)

distance difference (m), log. scale