point position and time difference in function of emission angle and depth point position difference time difference 1.0 -8.0e-05 Depth Depth 500m 500m 7.0e-05 -1000m 1000m 8.0 2000m 2000m 6.0e-05 -(s), log. 3000m 3000m 5.0e-05 -0.6 time difference 4.0e-05 0.4 -3.0e-05 -2.0e-05 0.2 1.0e-05 -0.0 0.0e + 00 -20 30 50 70 80 30 70 80 40 60 20 50 60 emission angle (deg) emission angle (deg)

distance difference (m), log. scale