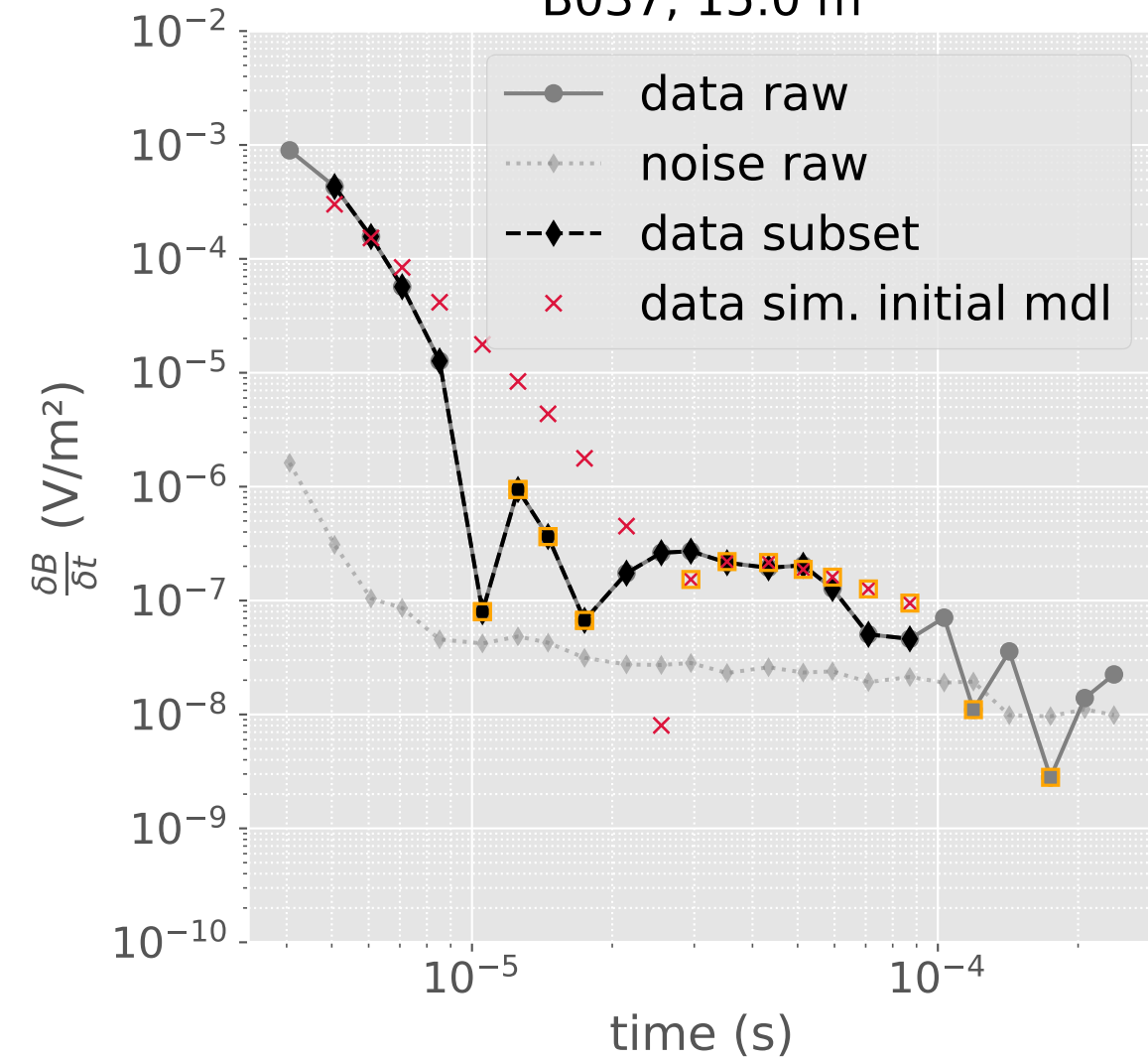
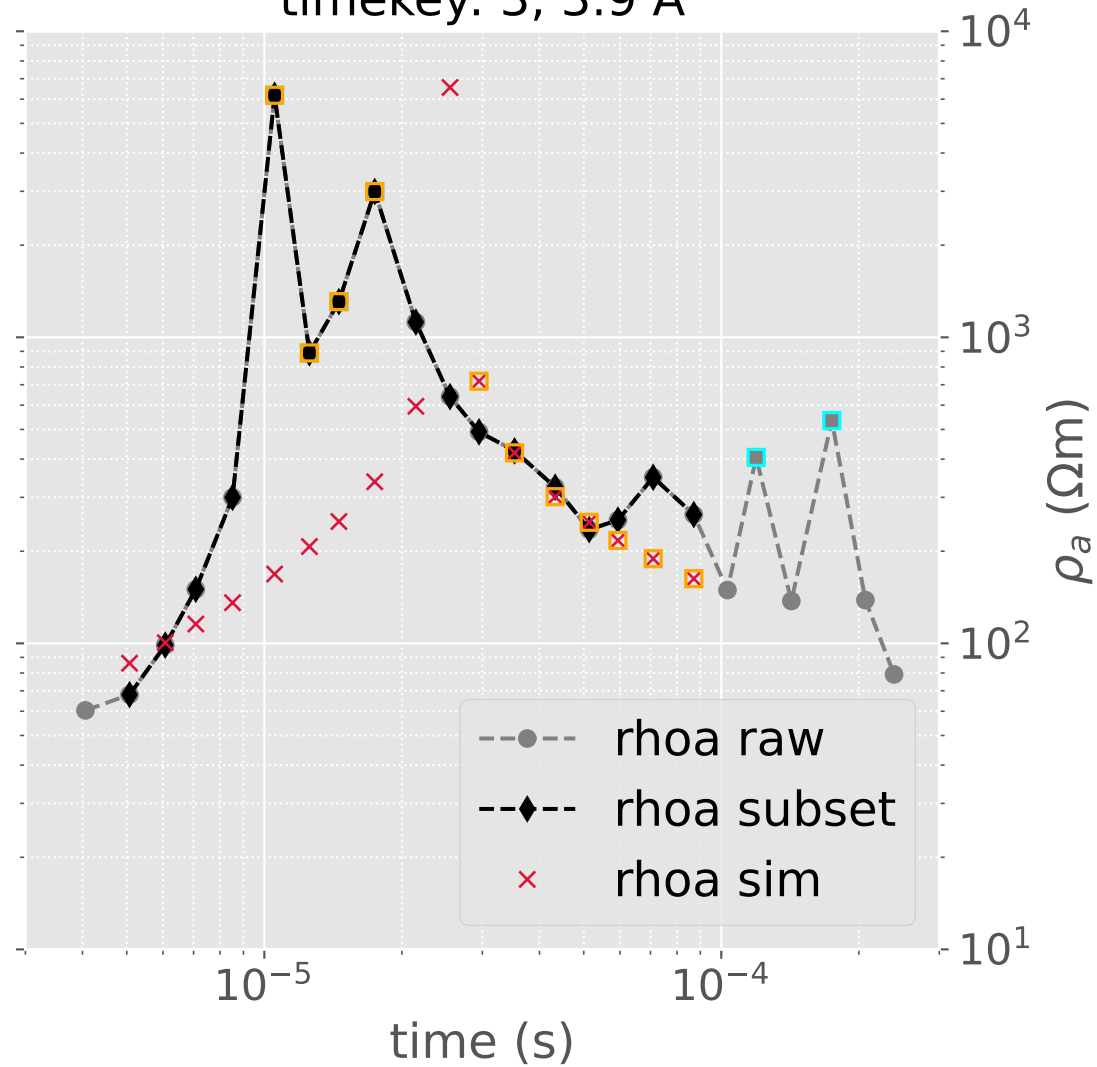


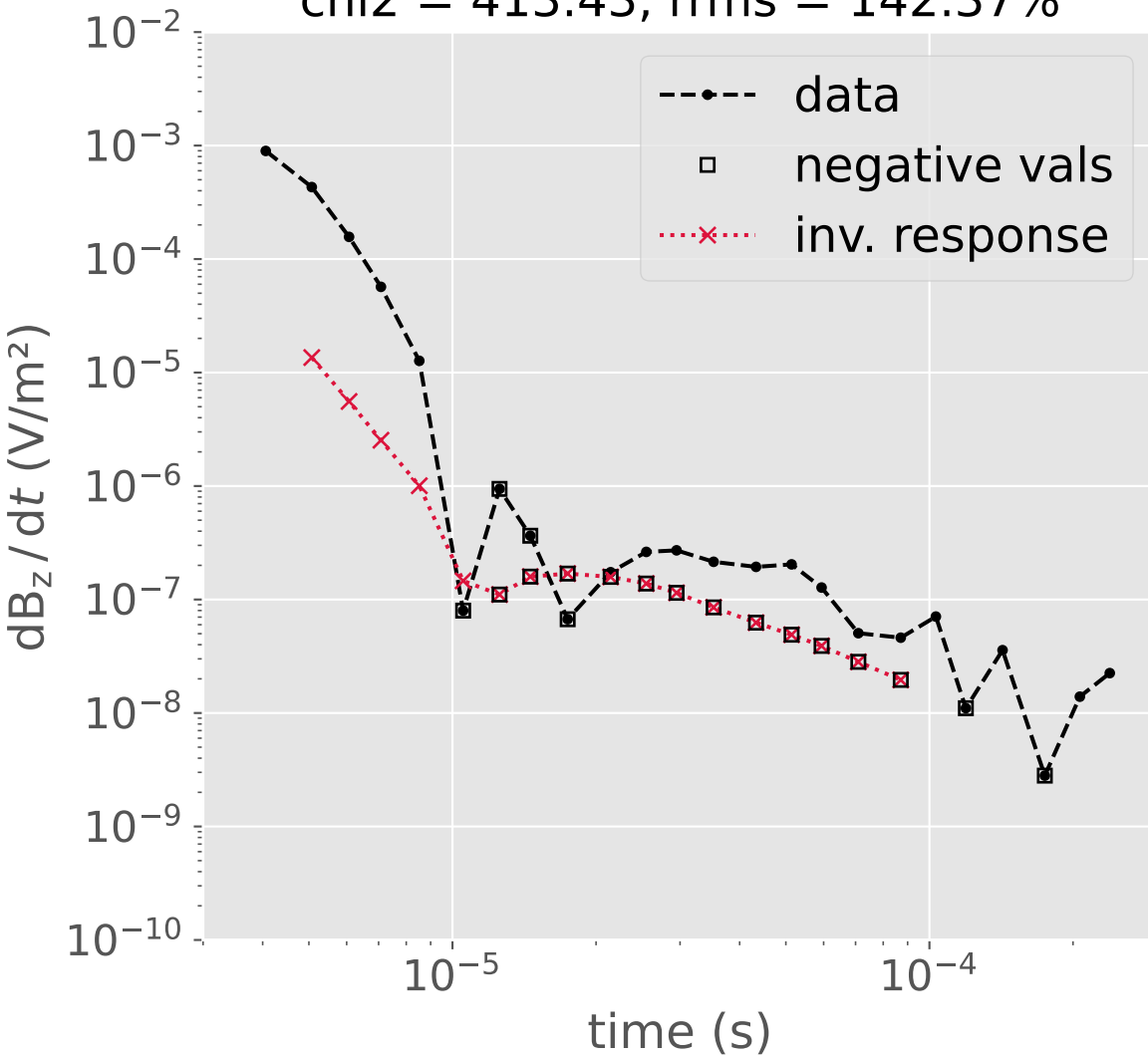
B037, 15.0 m



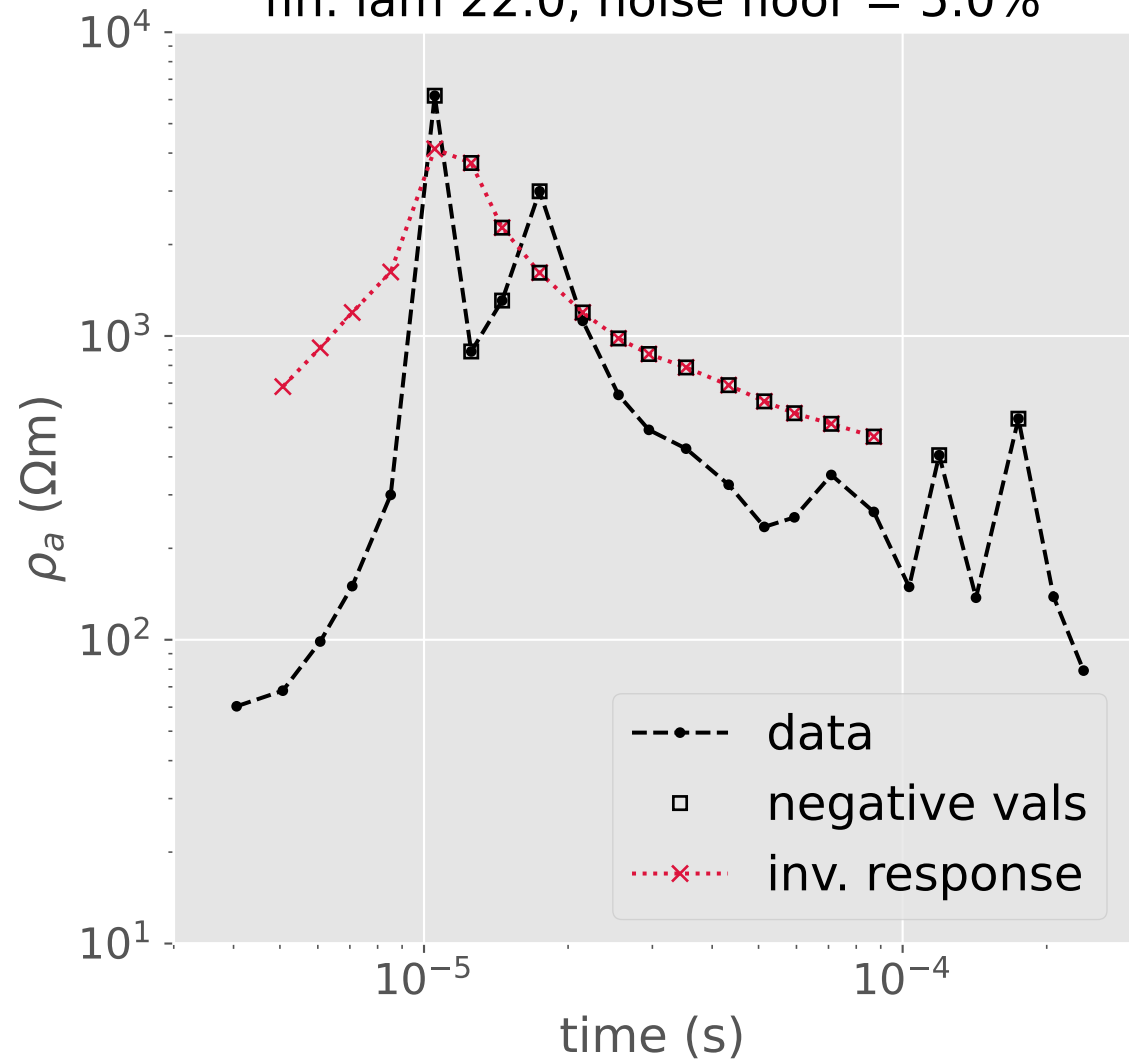
timekey: 3, 3.9 A

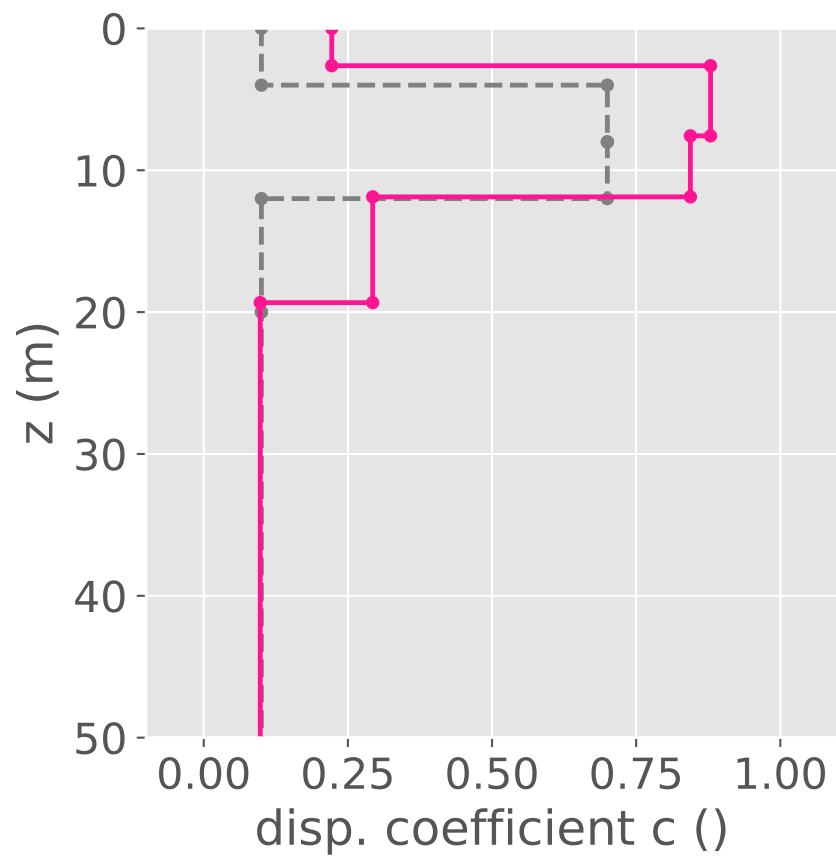
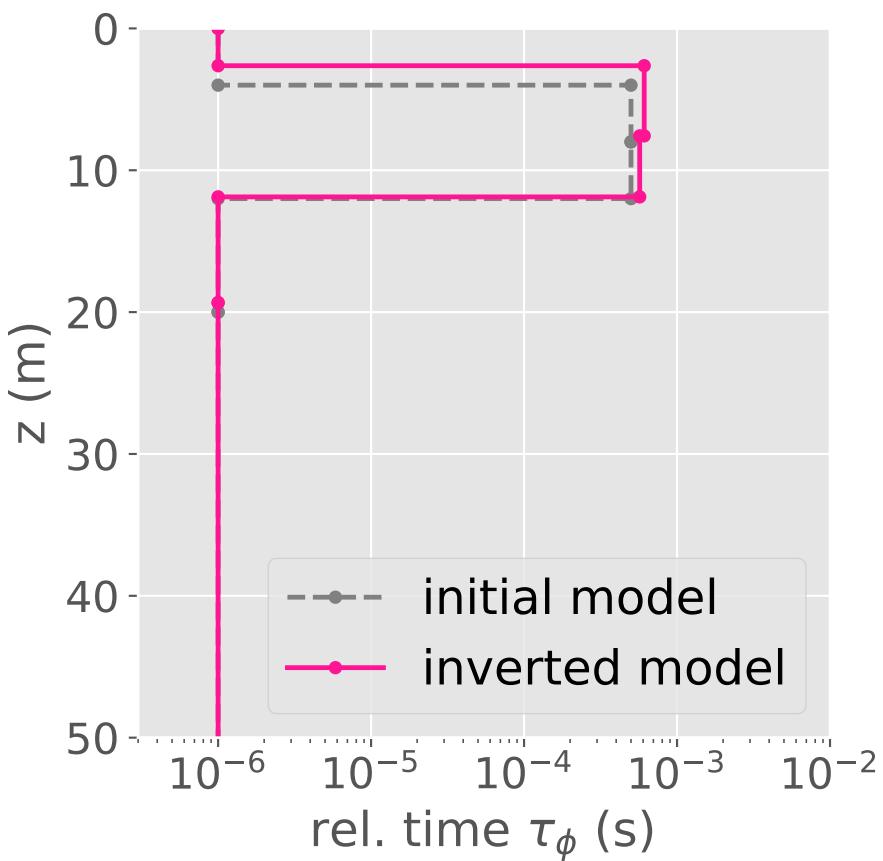
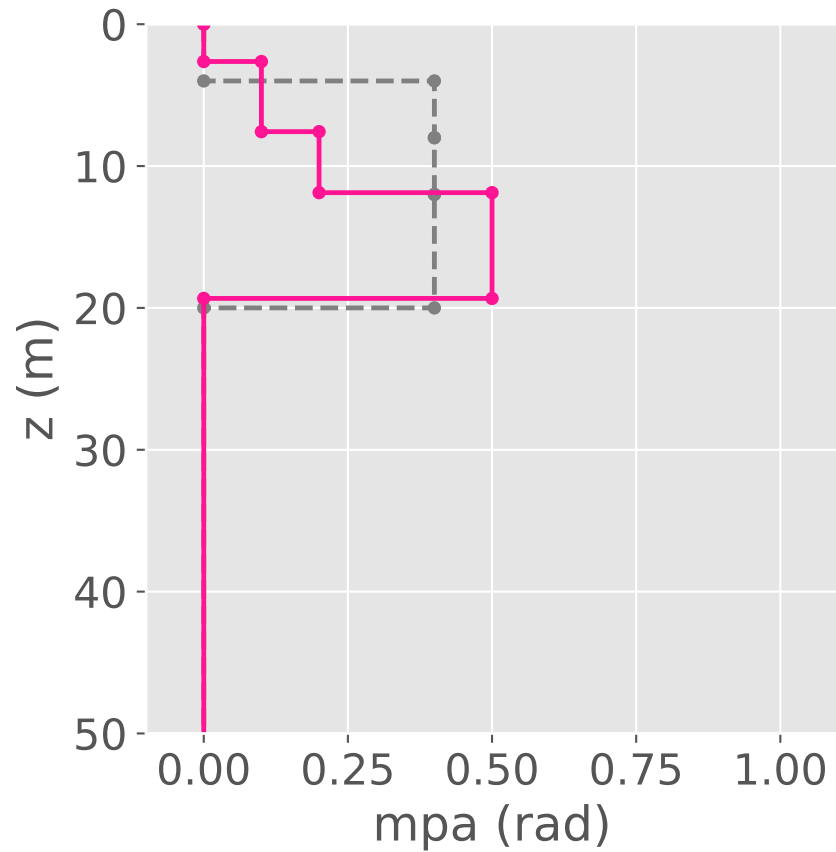
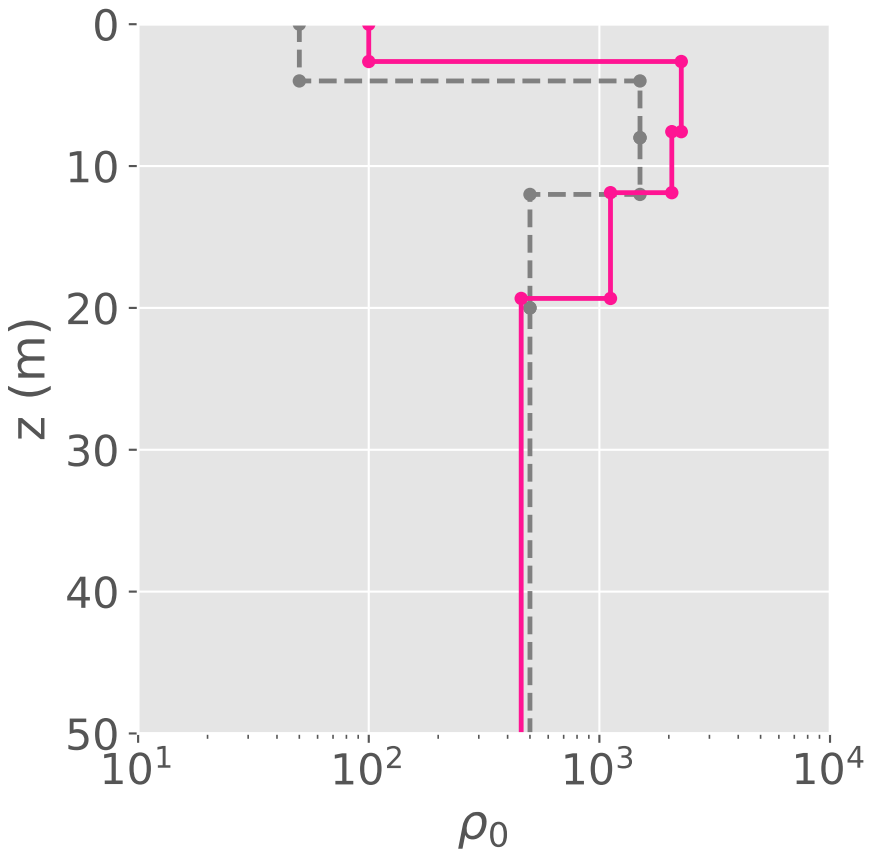


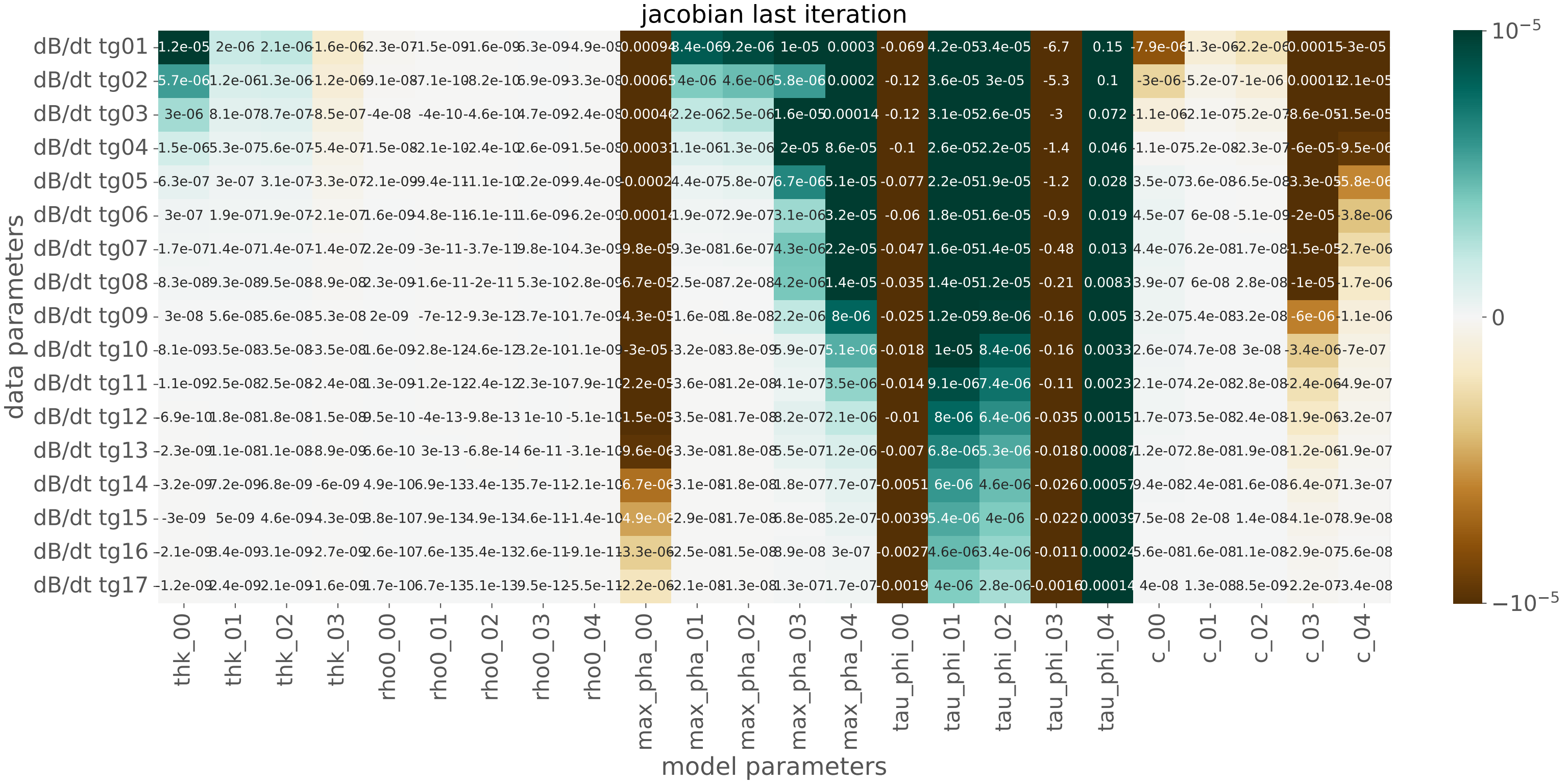
inv-run: 000, sndID: B037
chi2 = 413.43, rrms = 142.37%



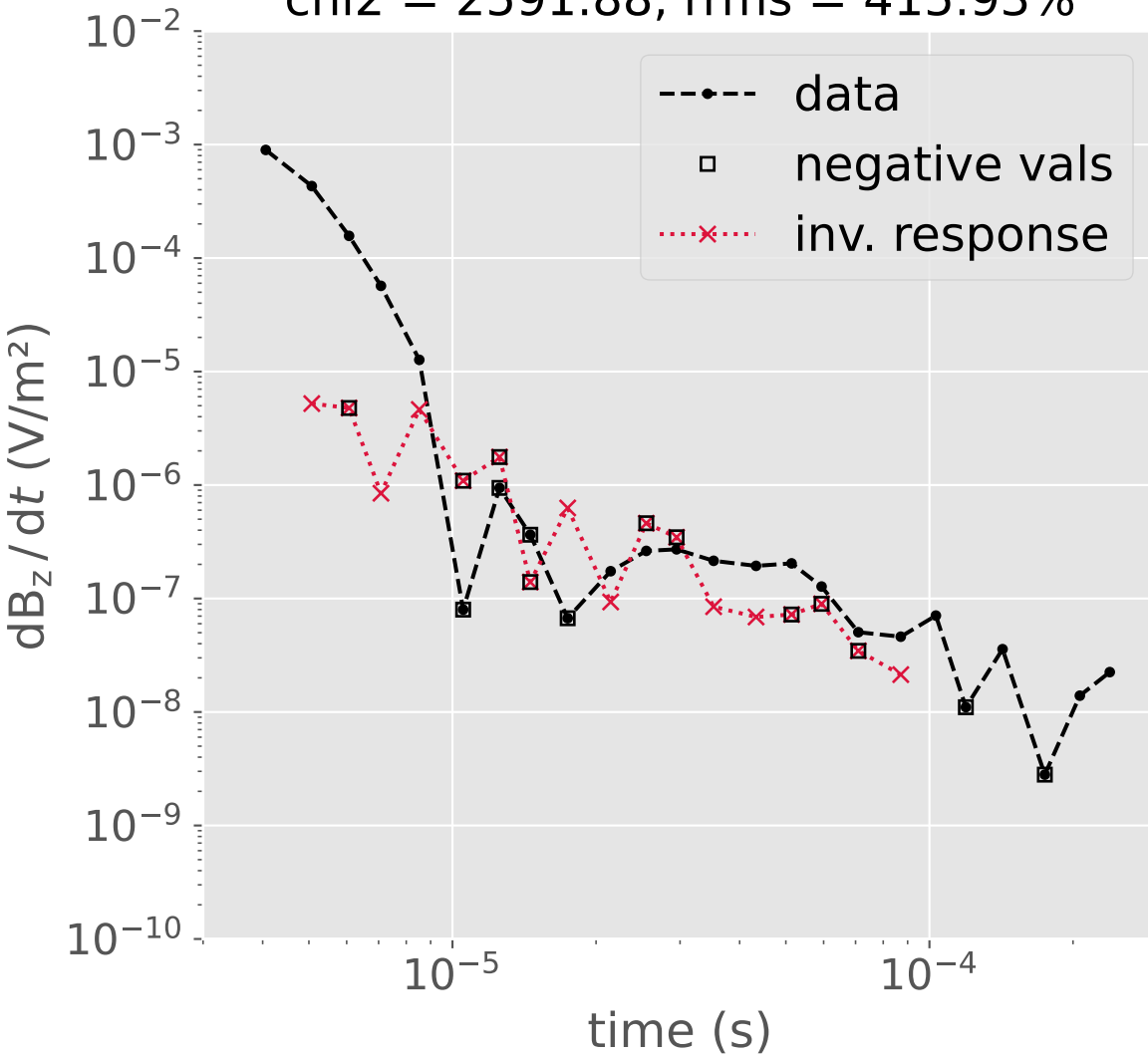
init. lam 500.0 cooling: 0.8, iters 13
fin. lam 22.0, noise floor = 5.0%



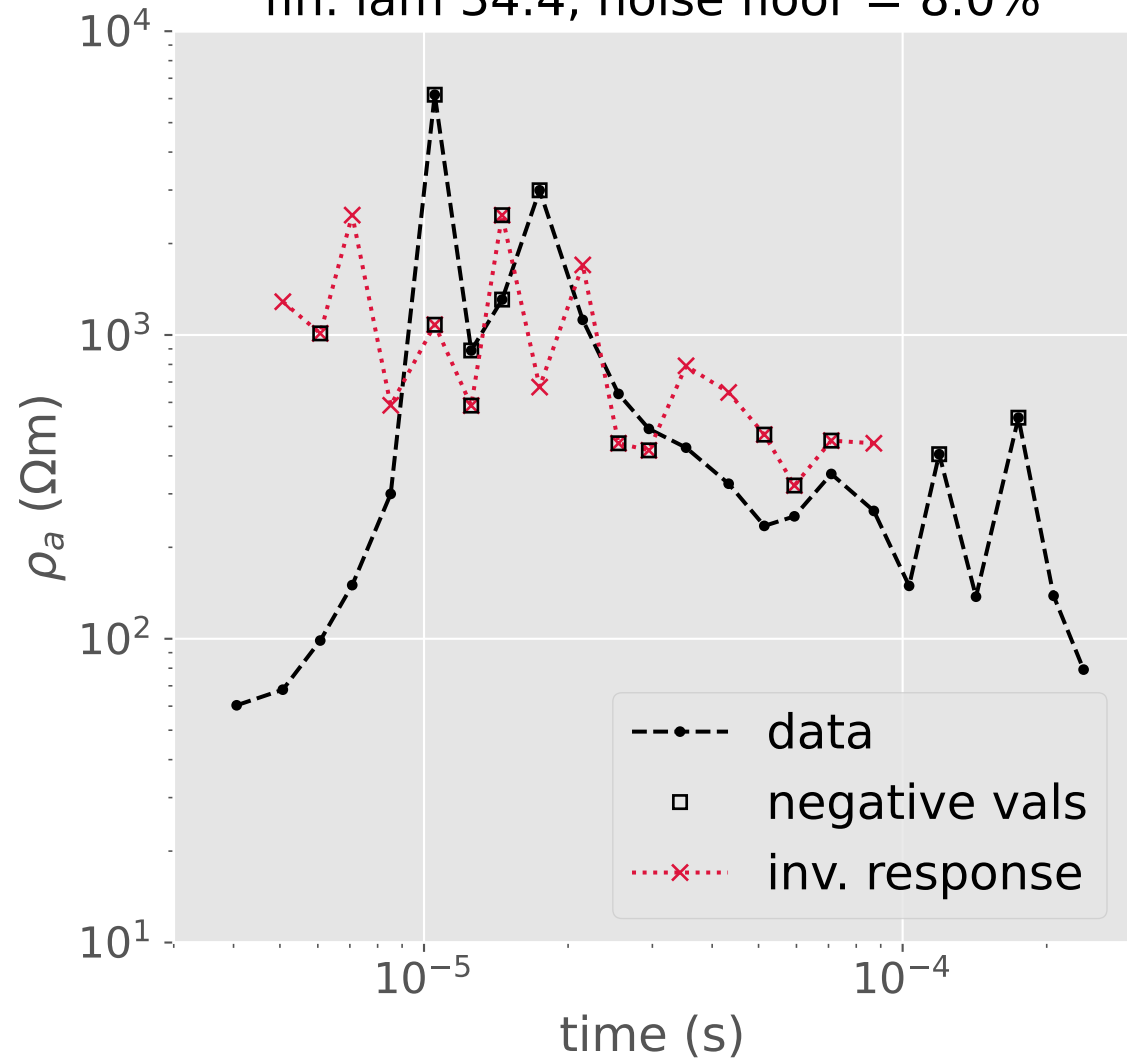


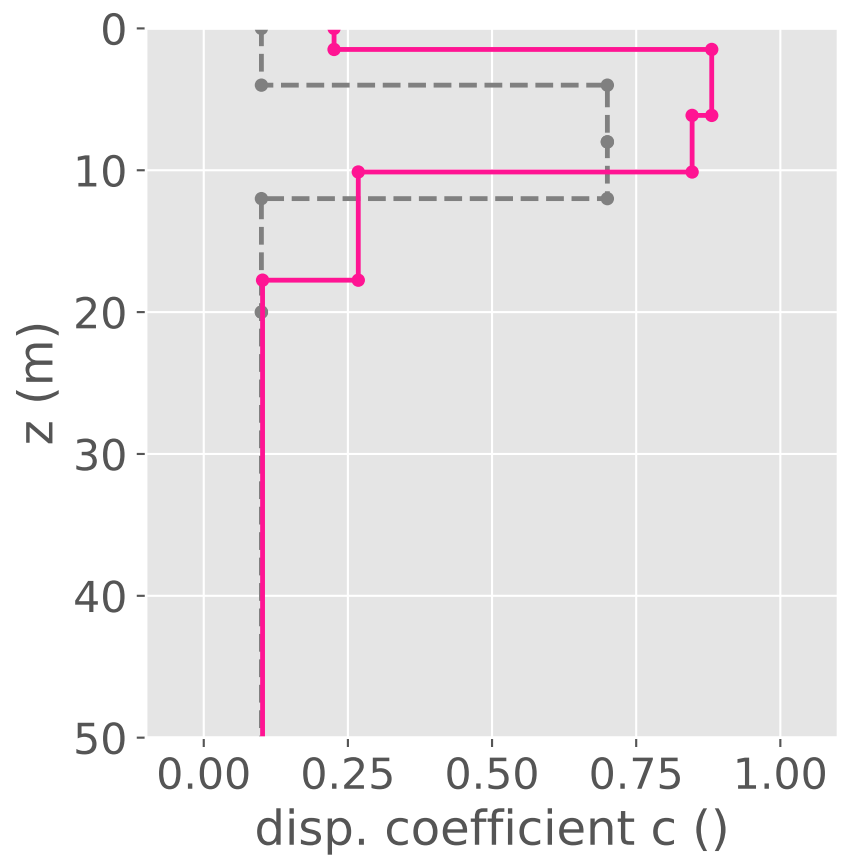
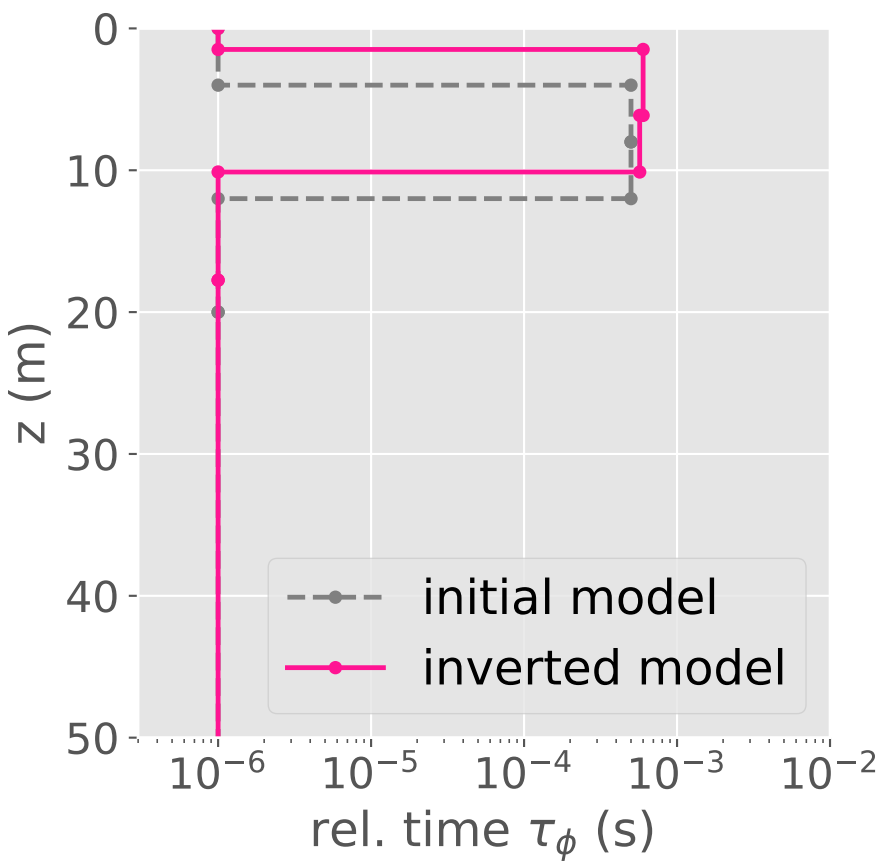
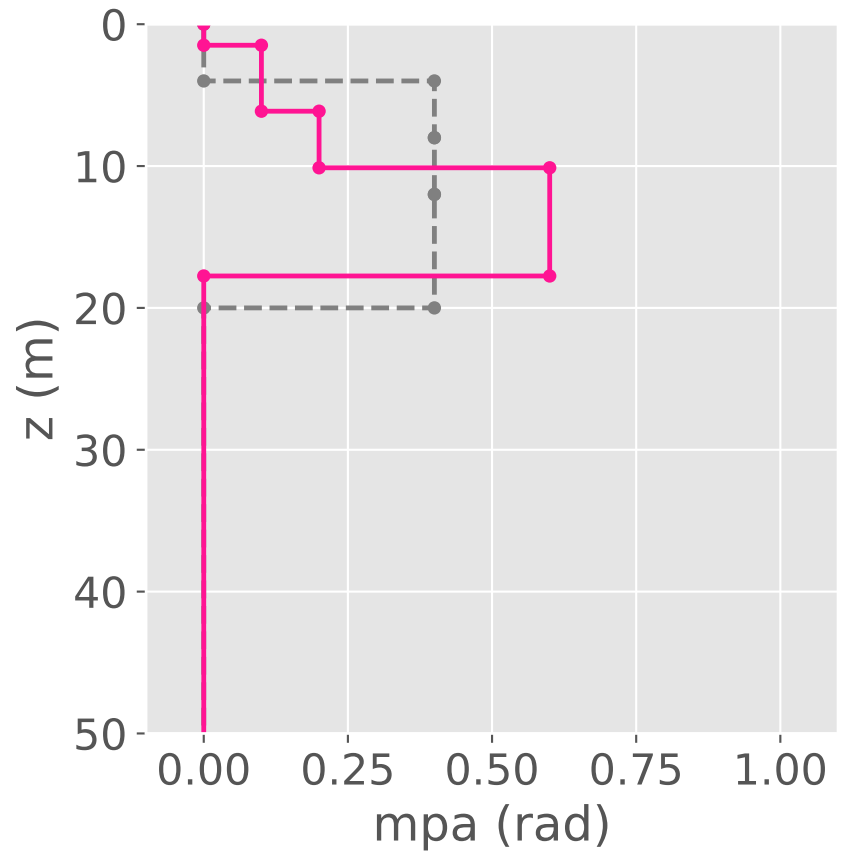
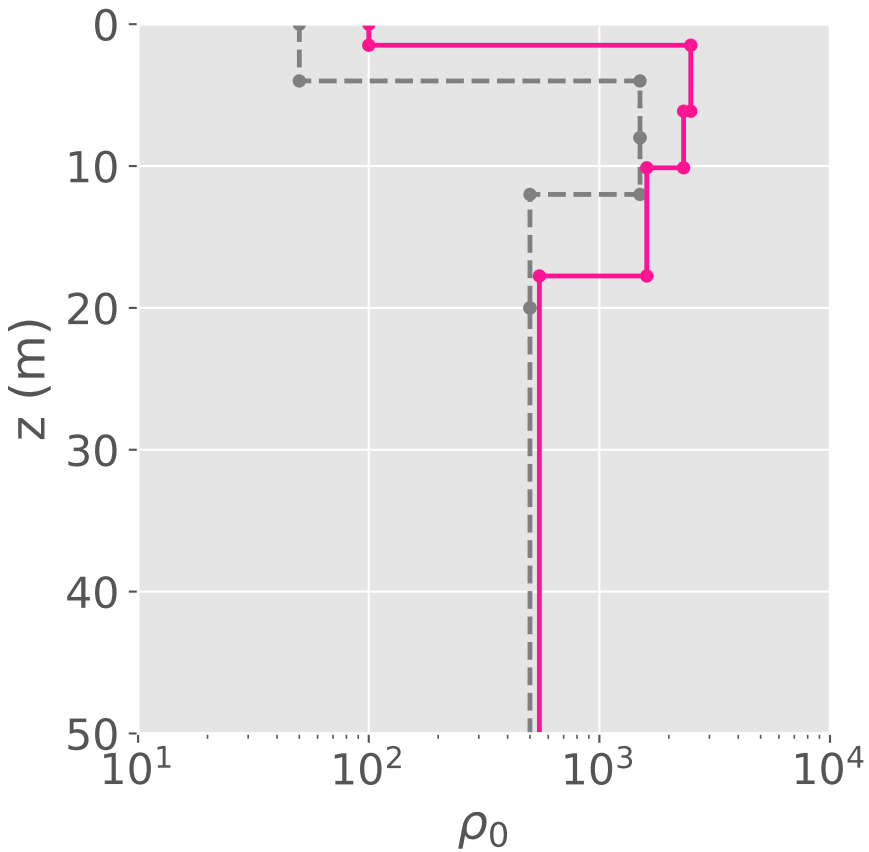


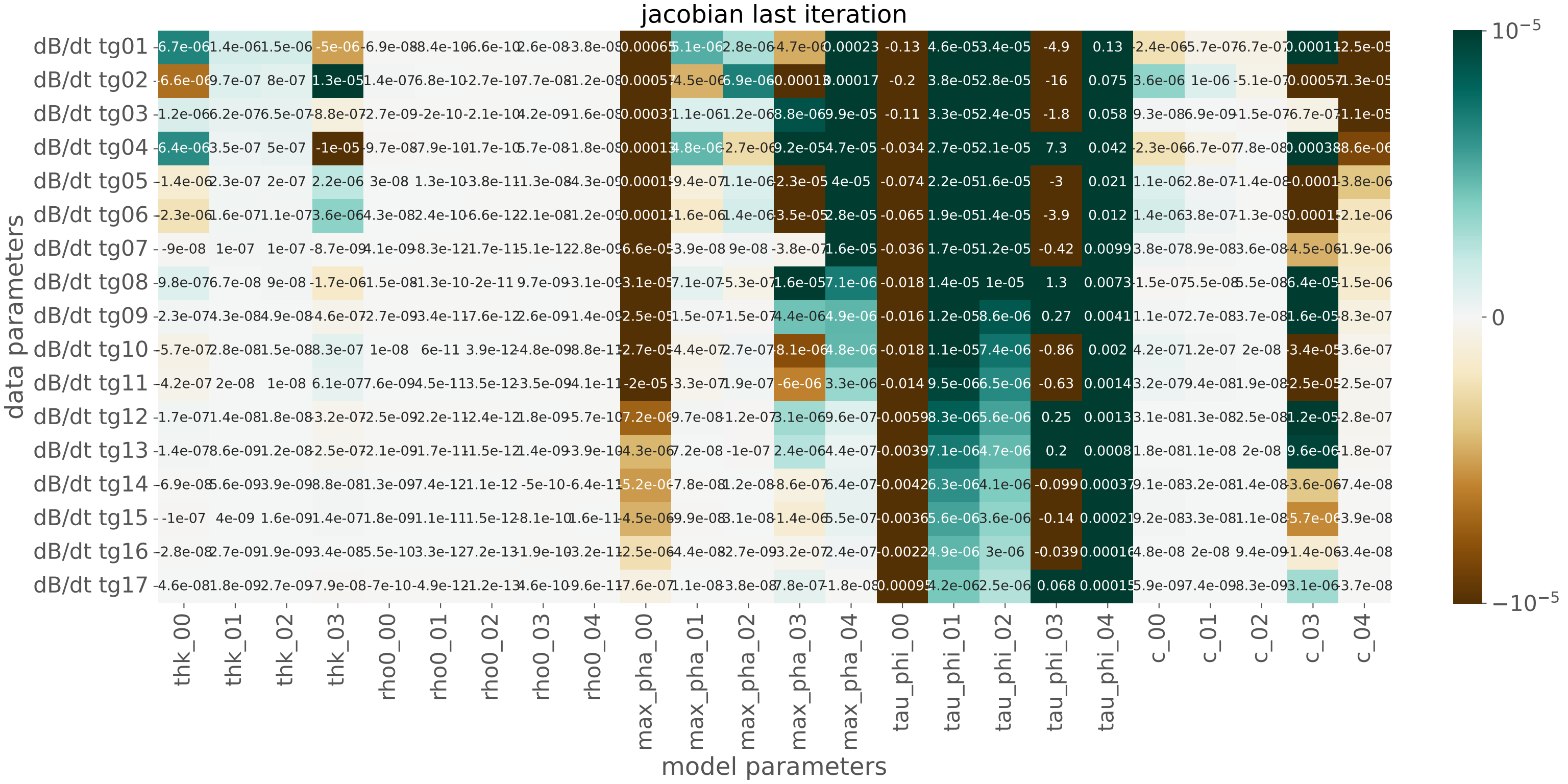
inv-run: 001, sndID: B037
chi2 = 2591.88, rrms = 415.93%



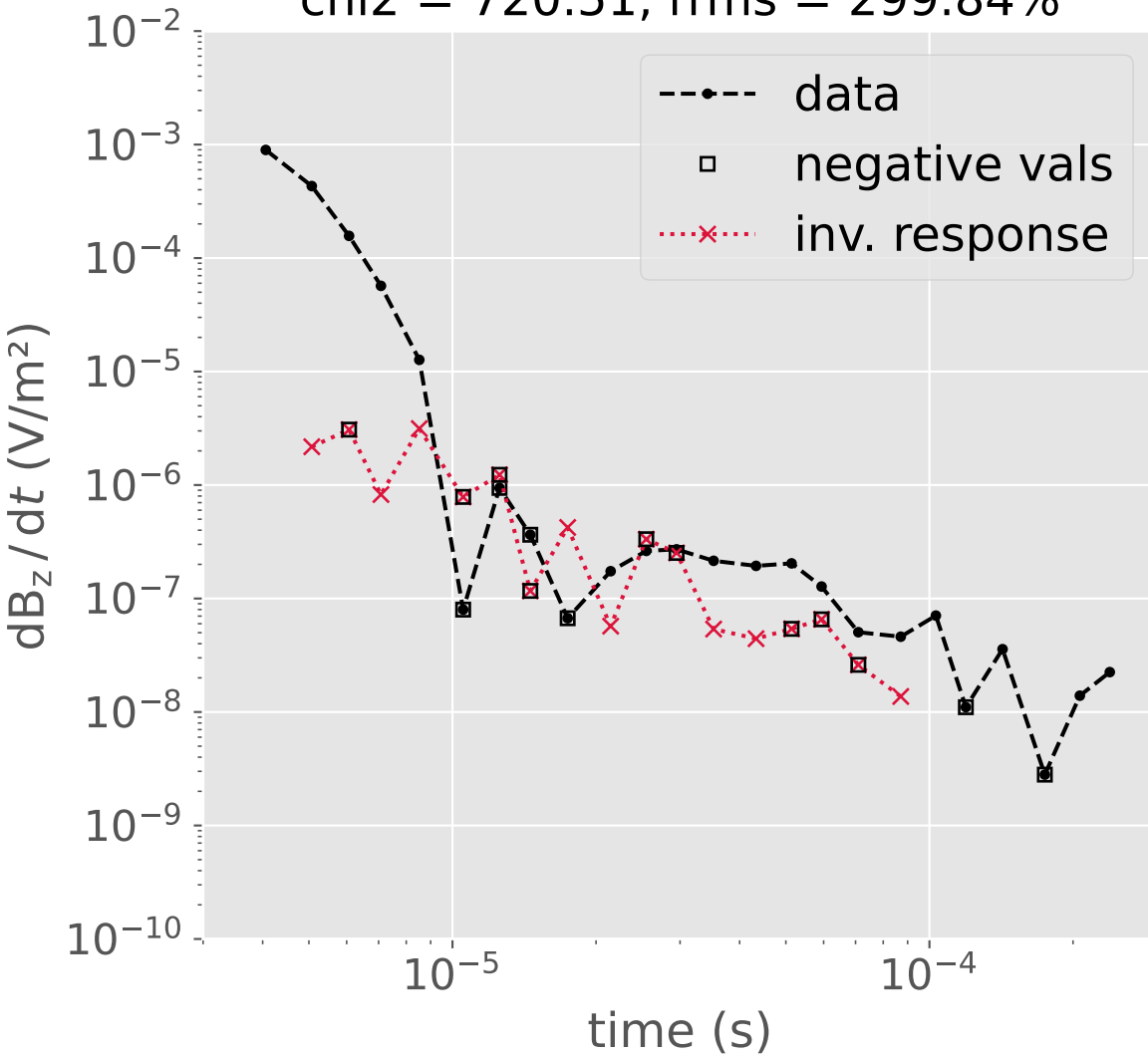
init. lam 500.0 cooling: 0.8, iters 11
fin. lam 34.4, noise floor = 8.0%



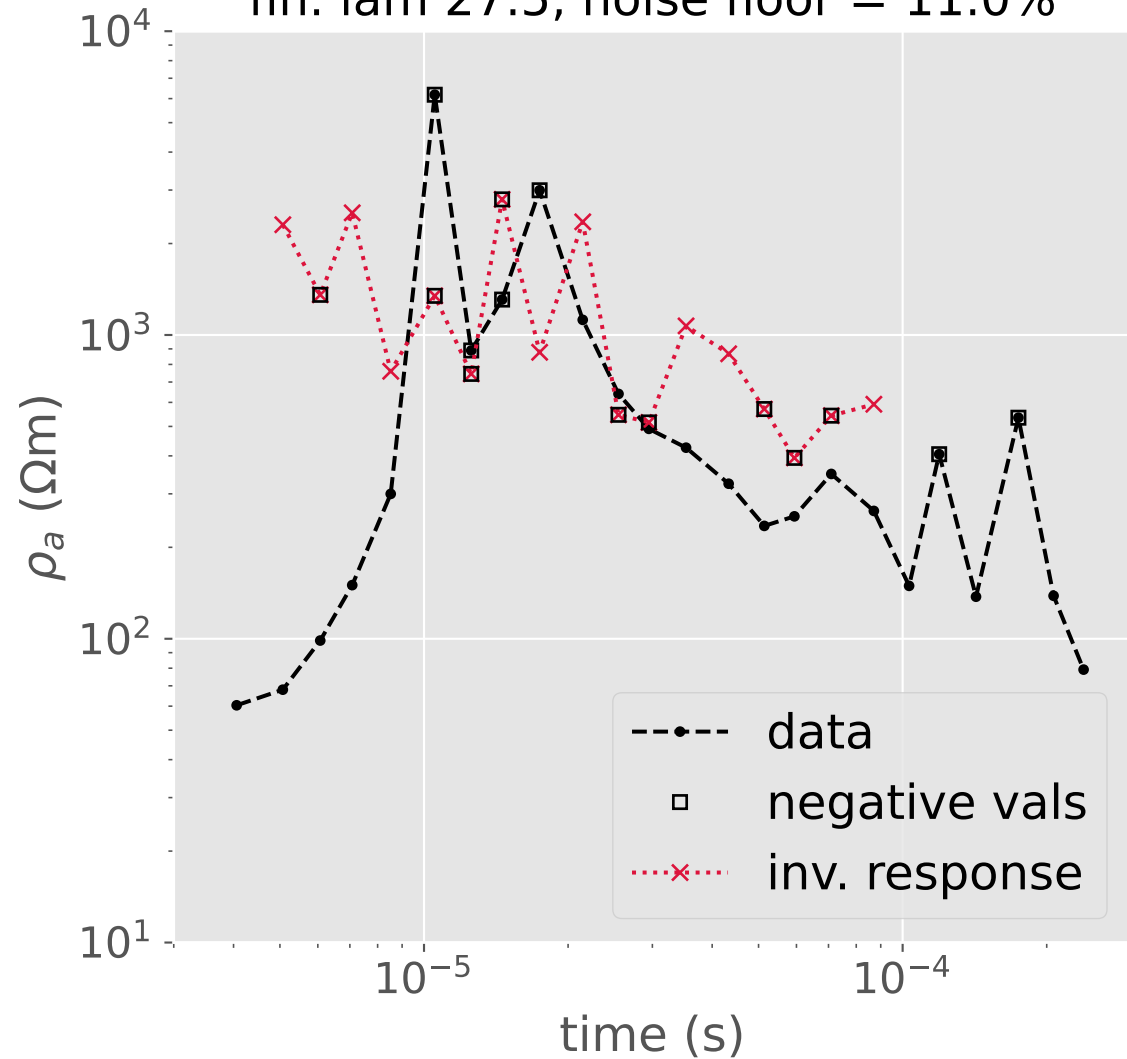


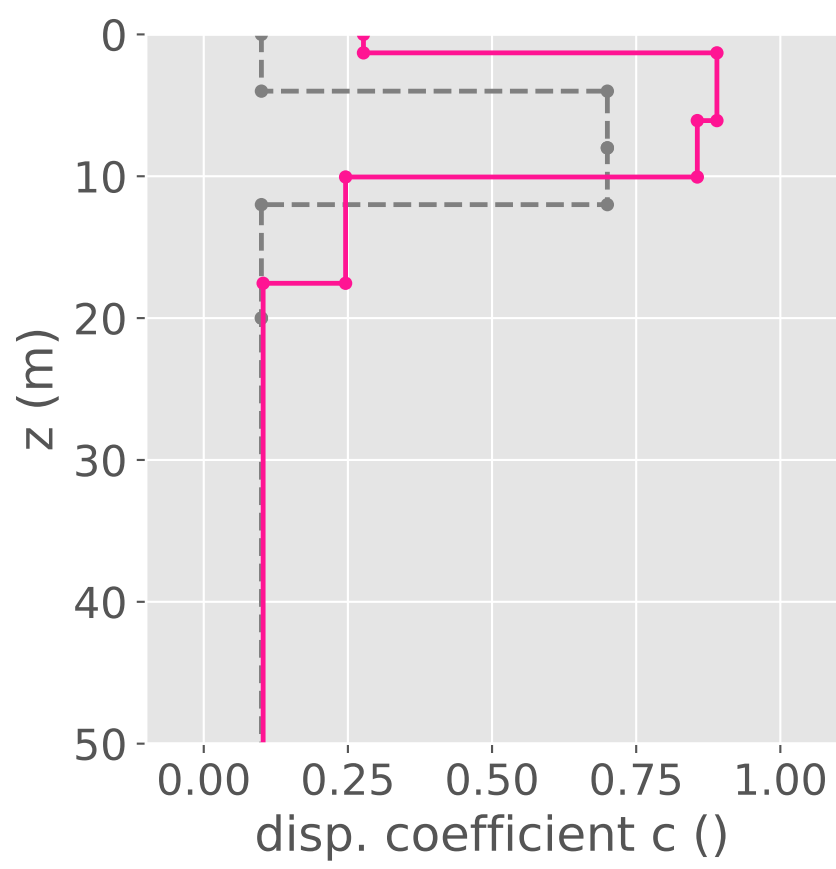
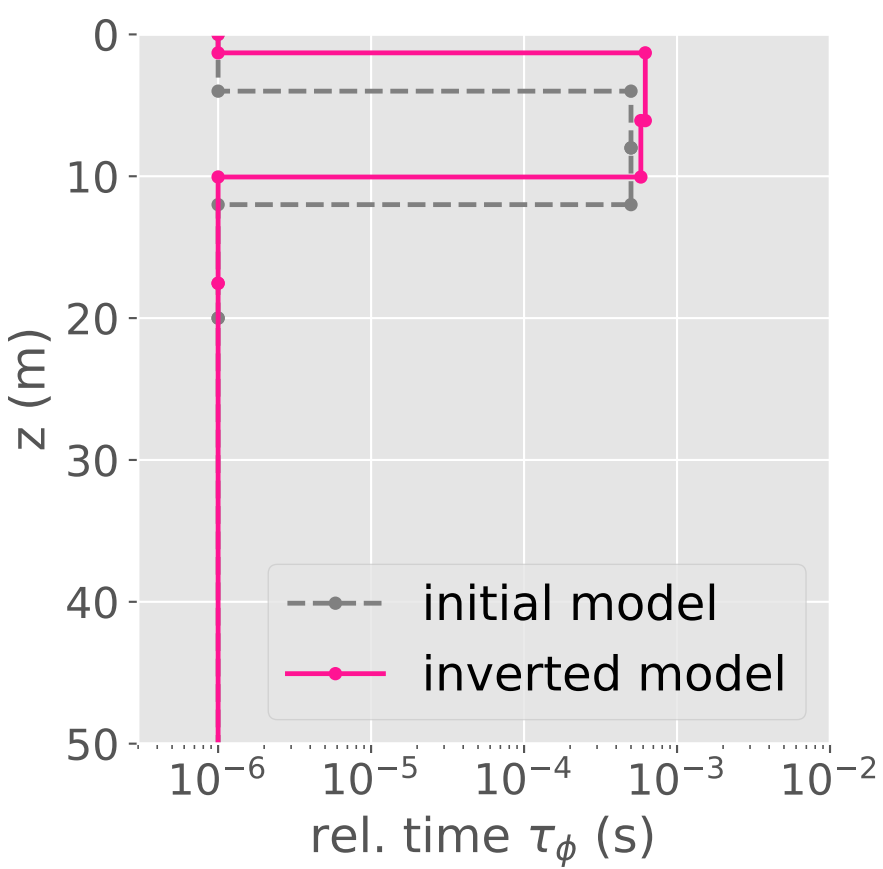
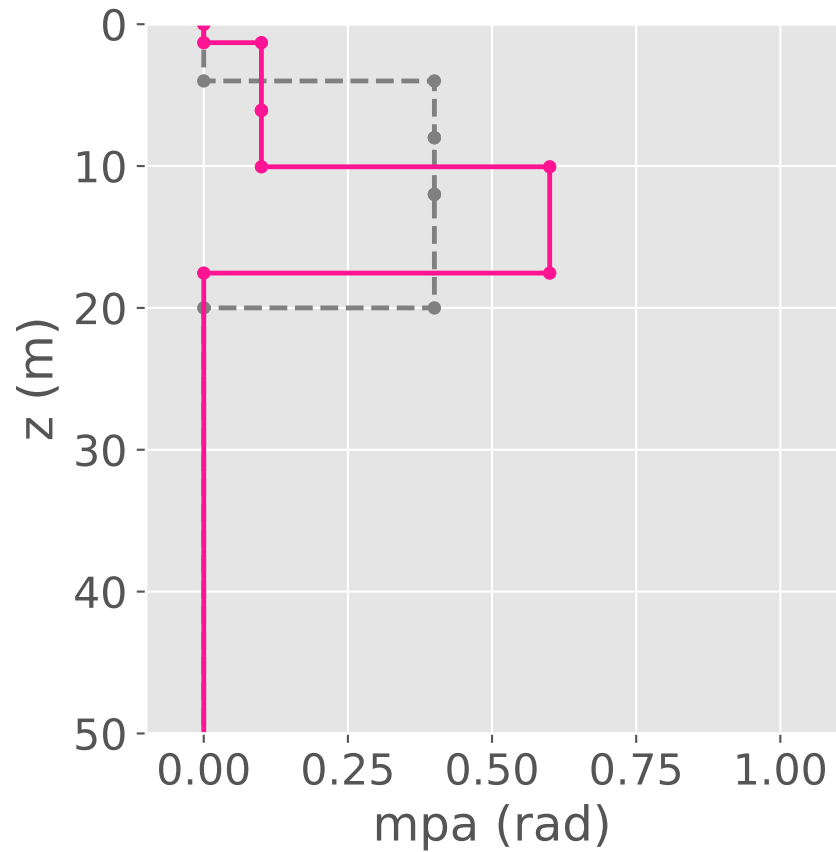
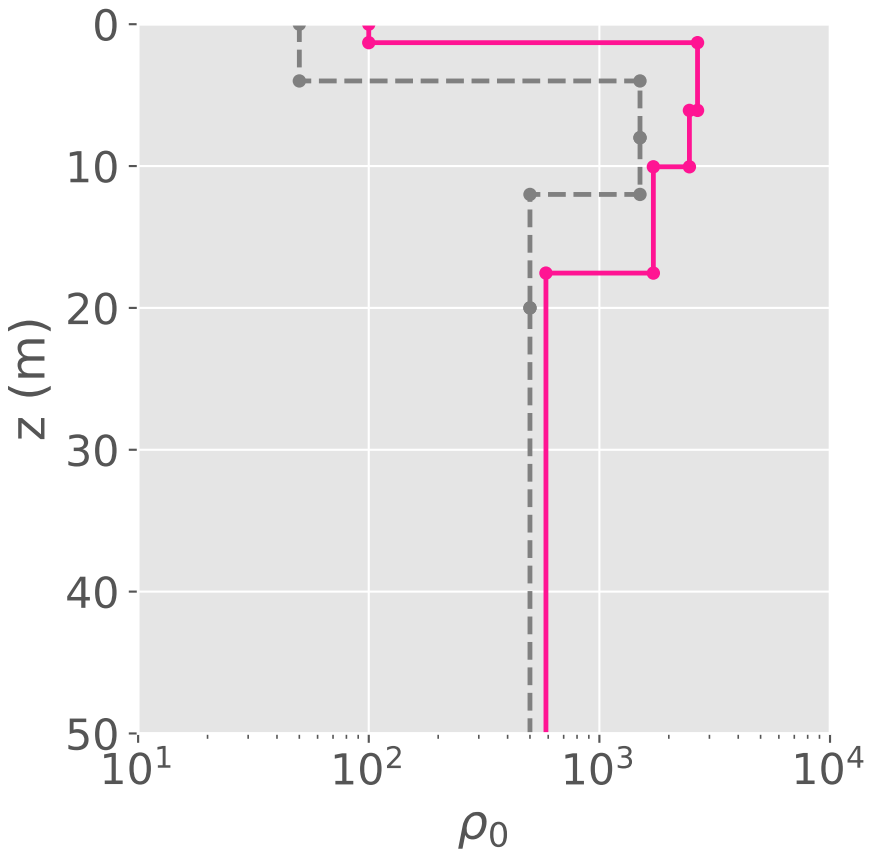


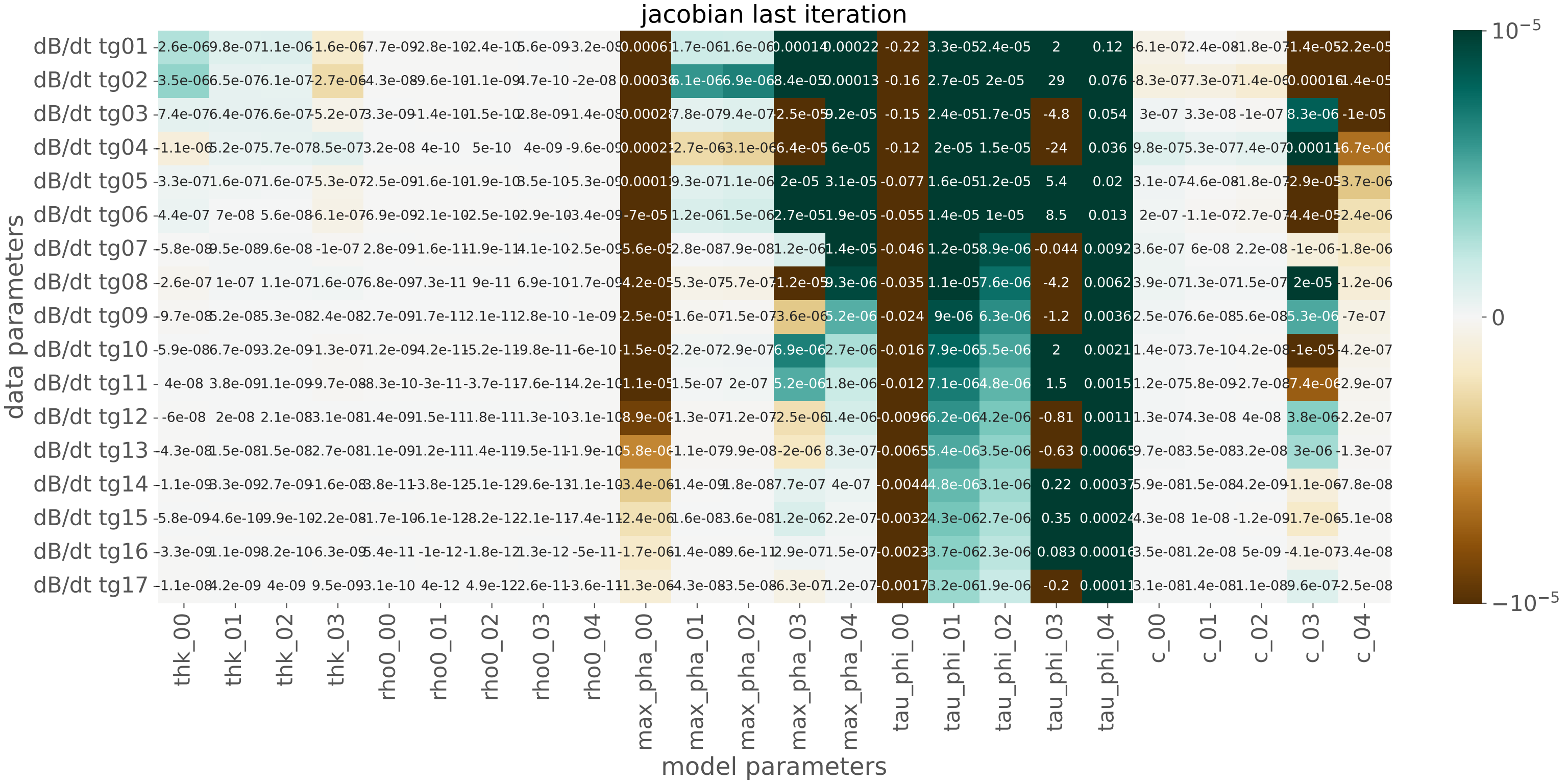
inv-run: 002, sndID: B037
chi2 = 720.51, rrms = 299.84%



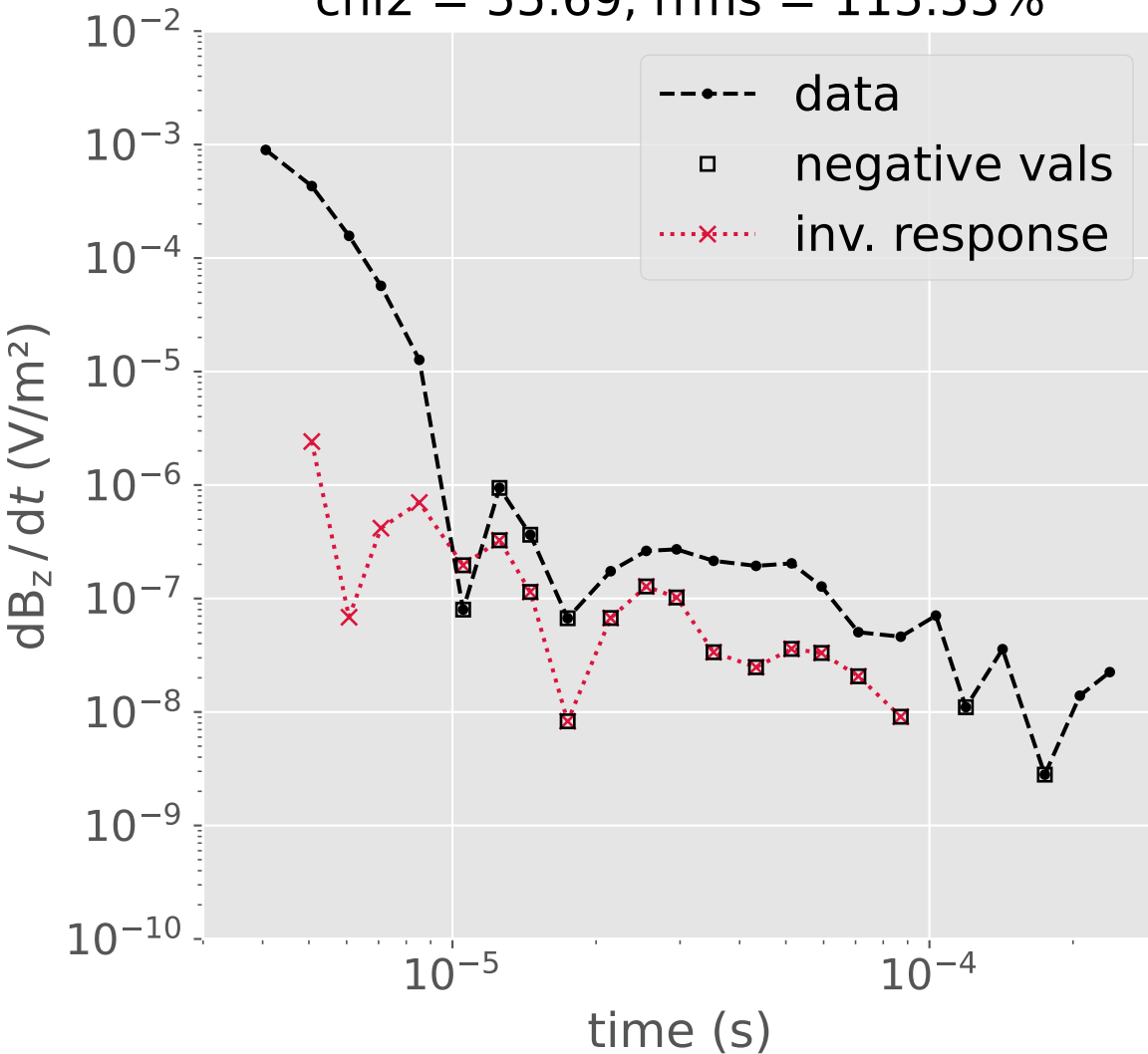
init. lam 500.0 cooling: 0.8, iters 12
fin. lam 27.5, noise floor = 11.0%



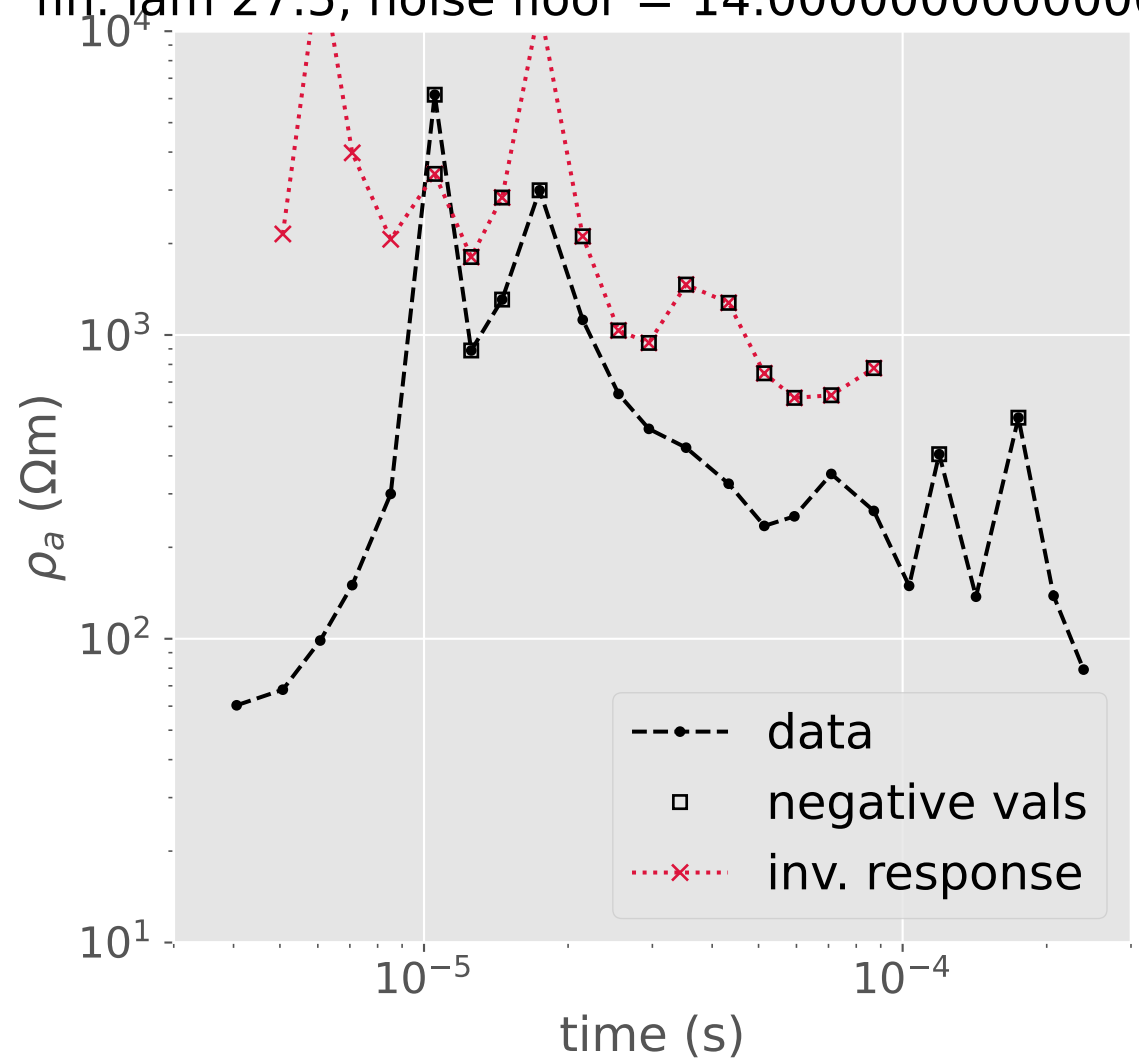


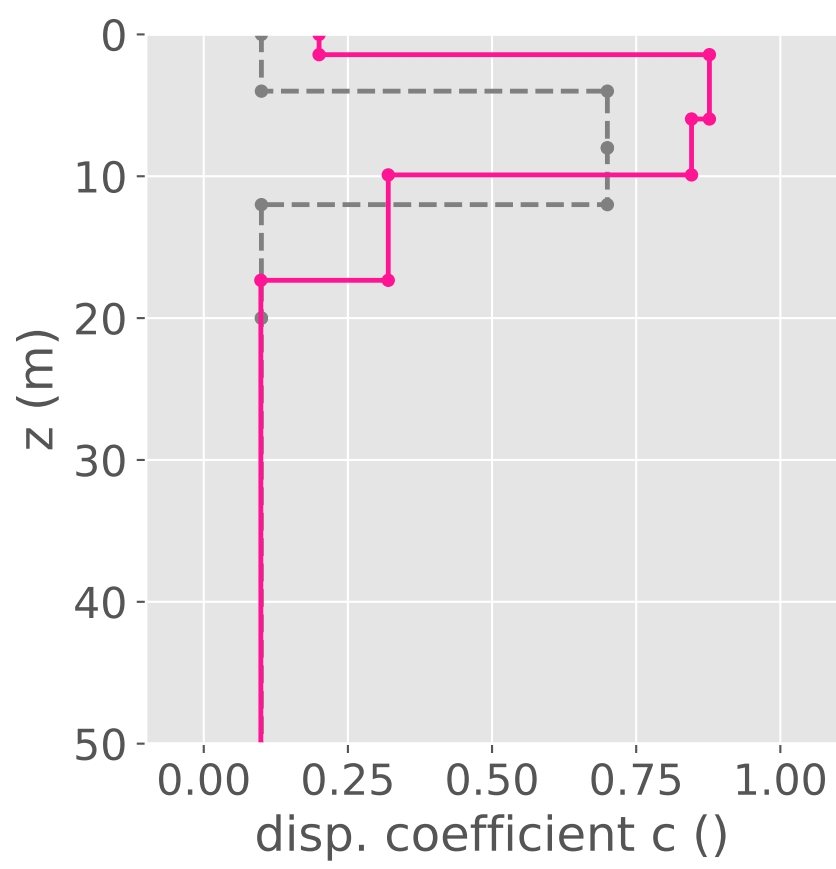
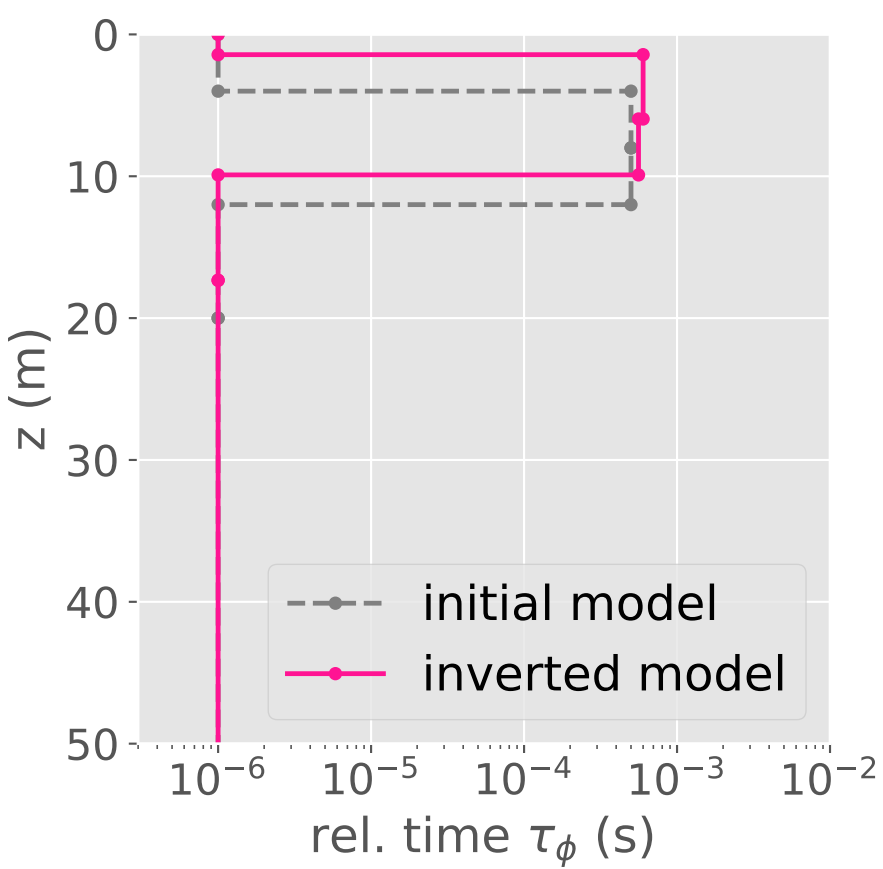
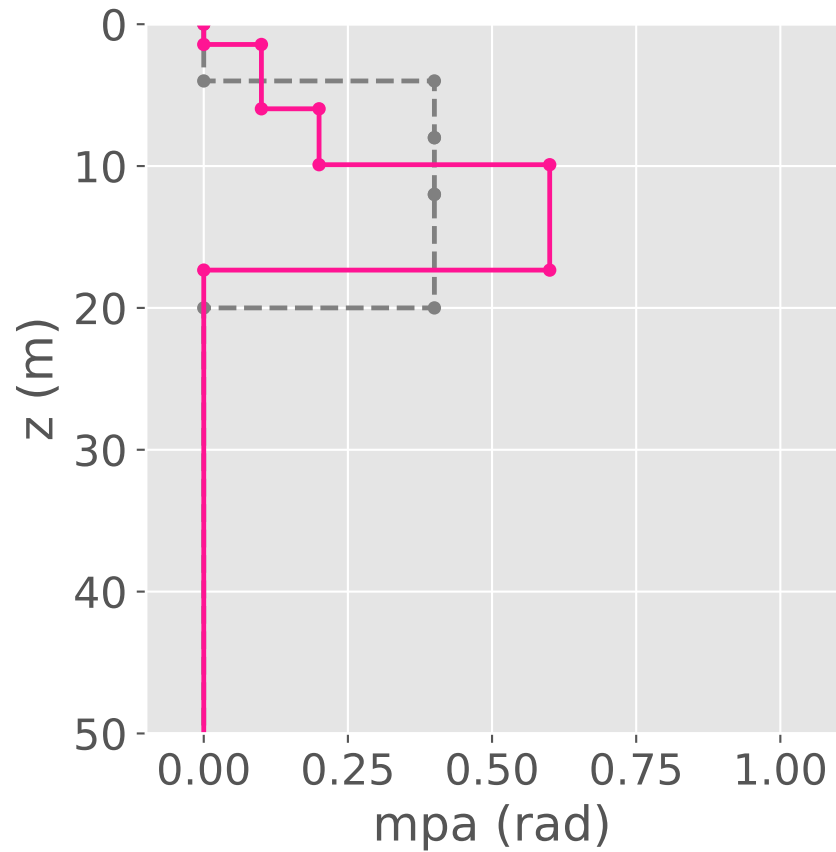
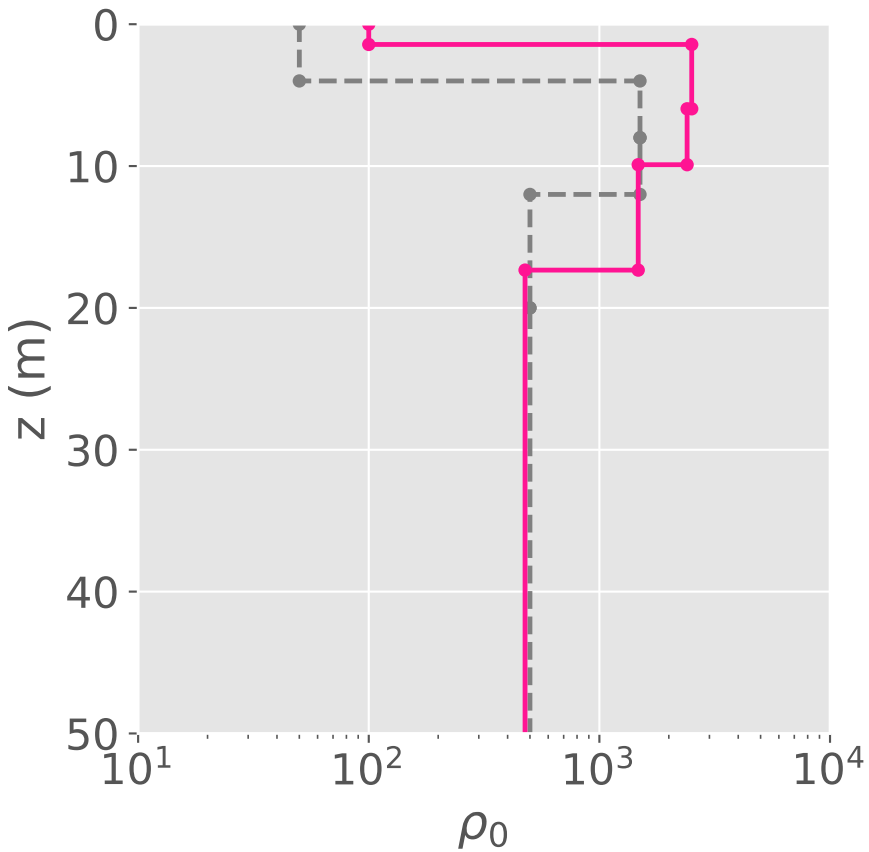


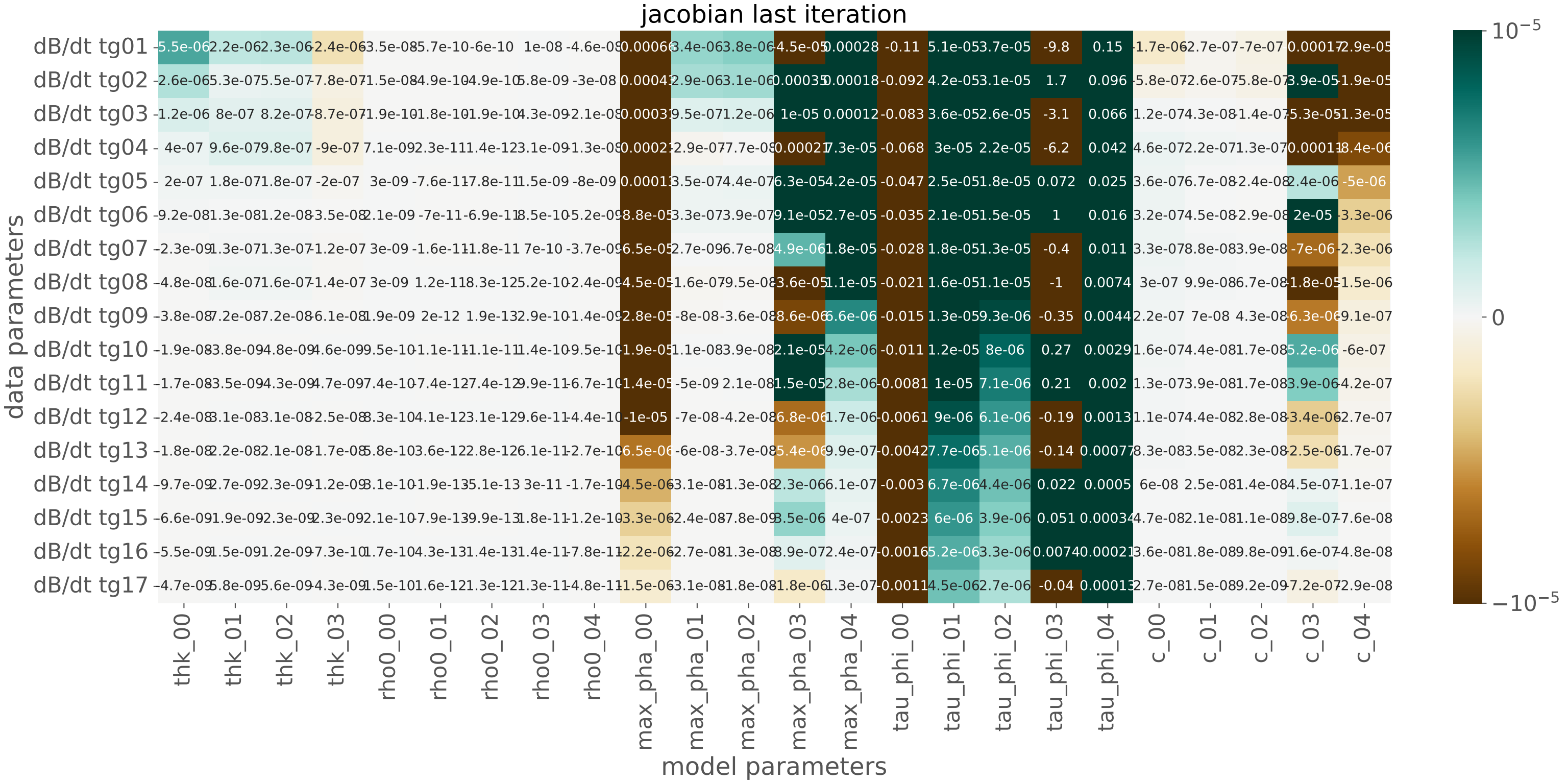
inv-run: 003, sndID: B037
chi2 = 55.69, rrms = 115.53%



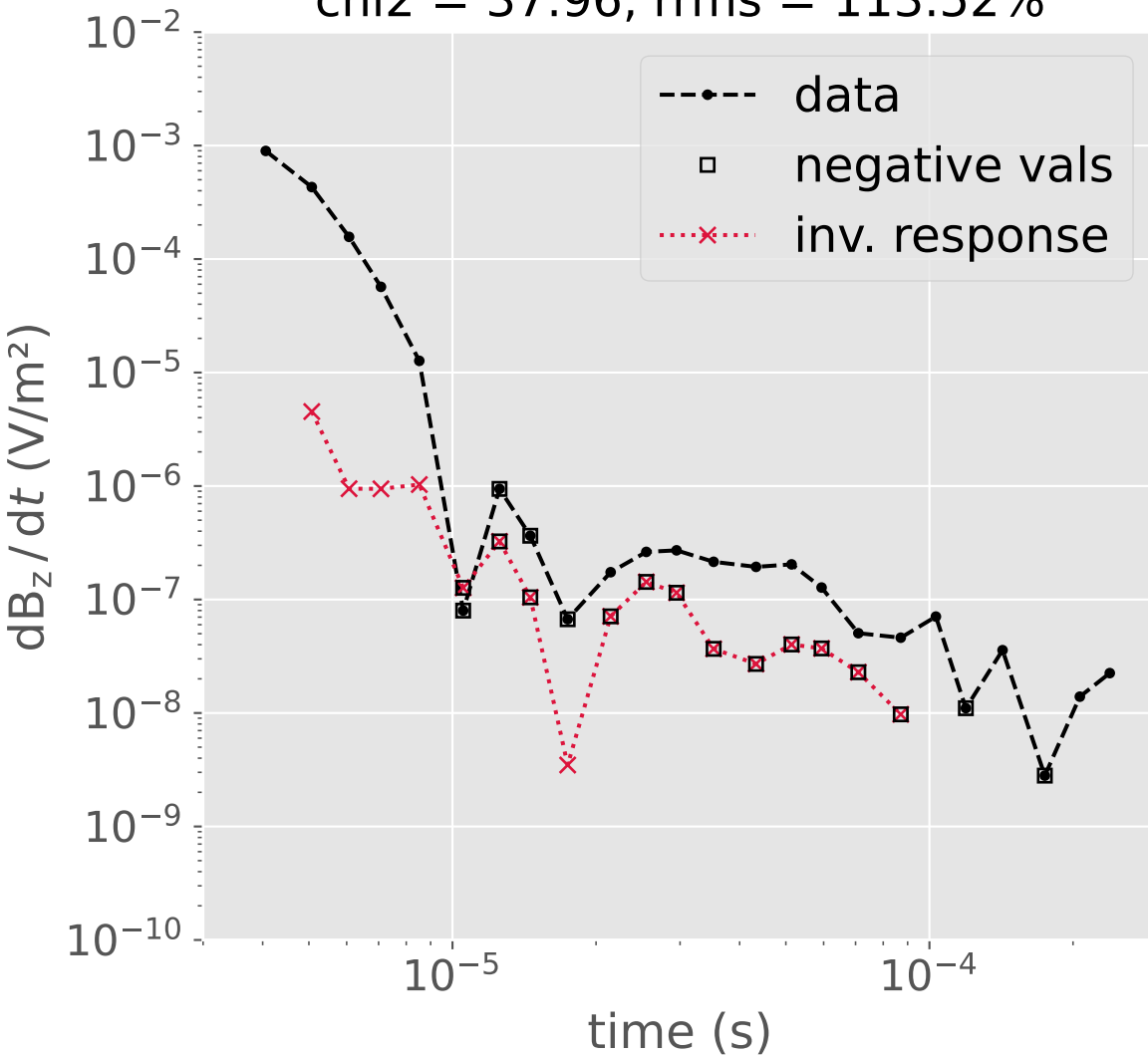
init. lam 500.0 cooling: 0.8, iters 12
fin. lam 27.5, noise floor = 14.000000000000000



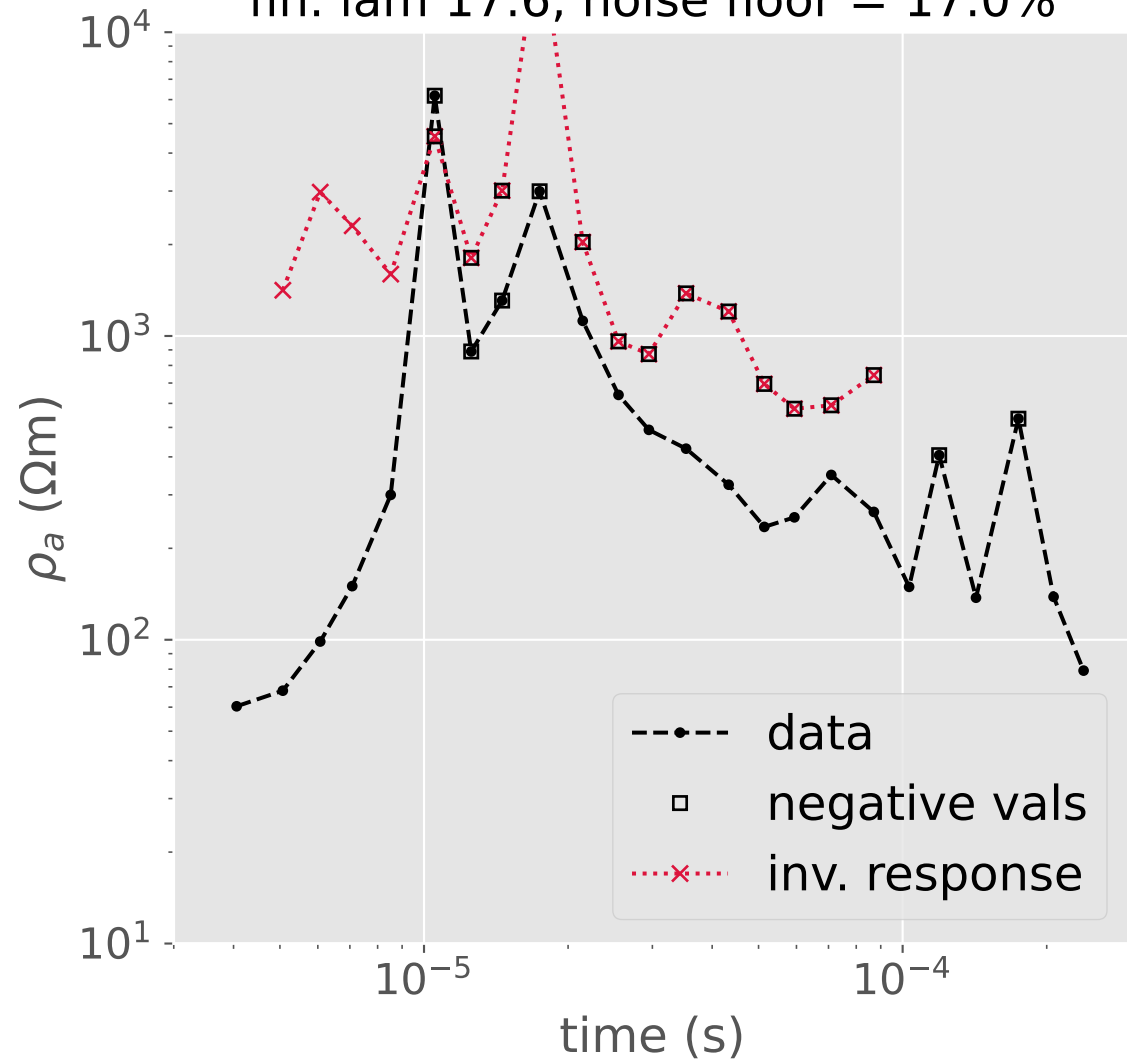


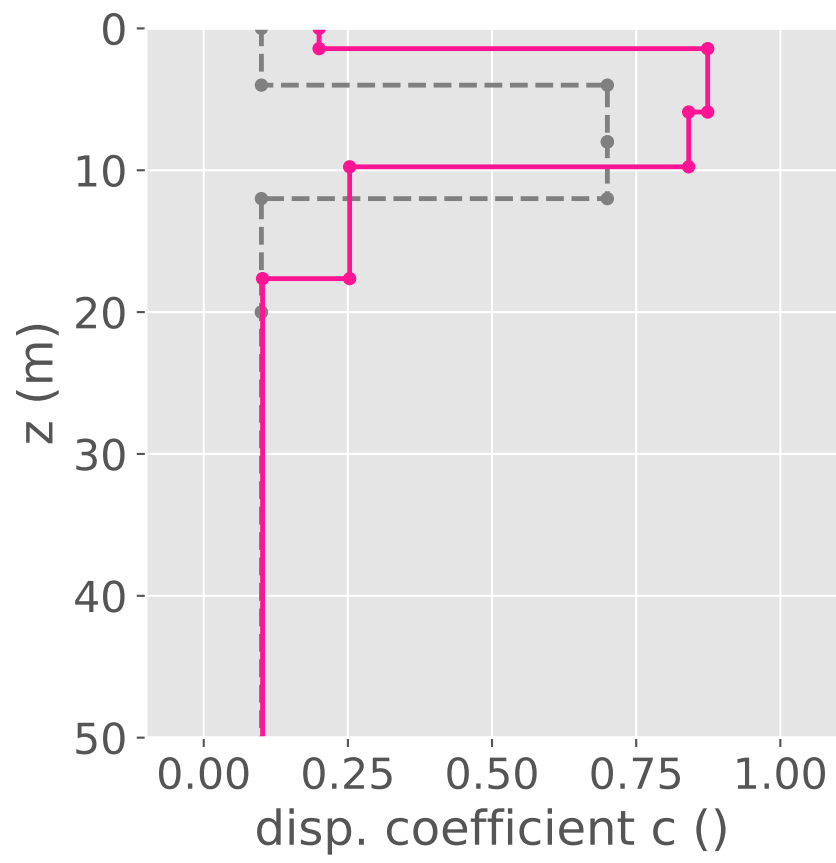
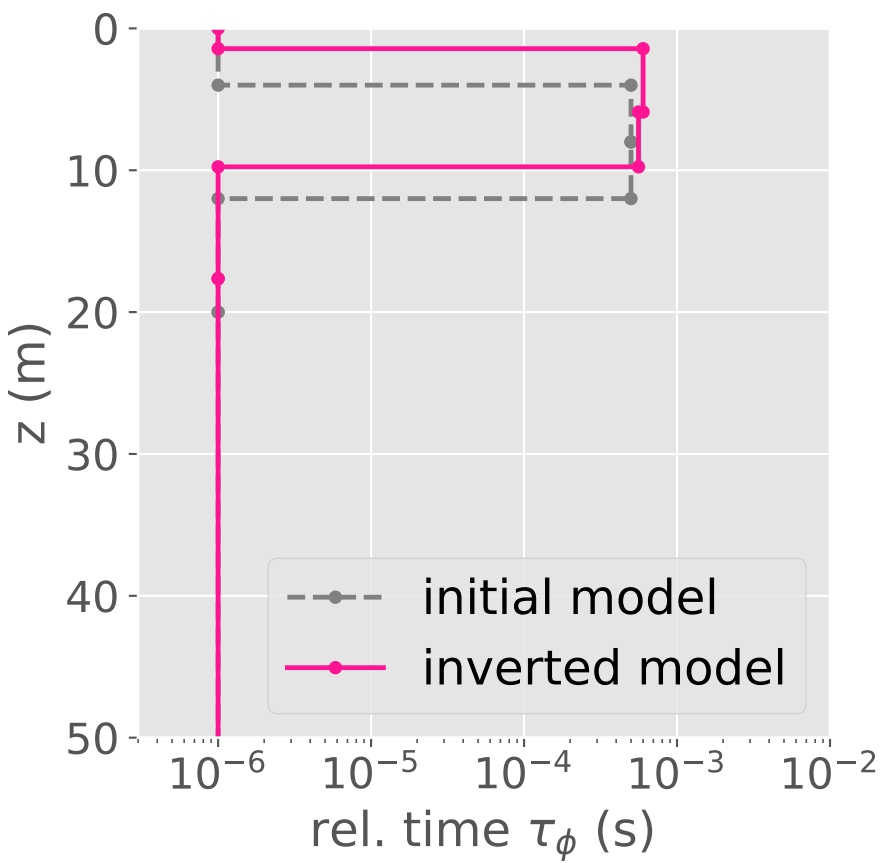
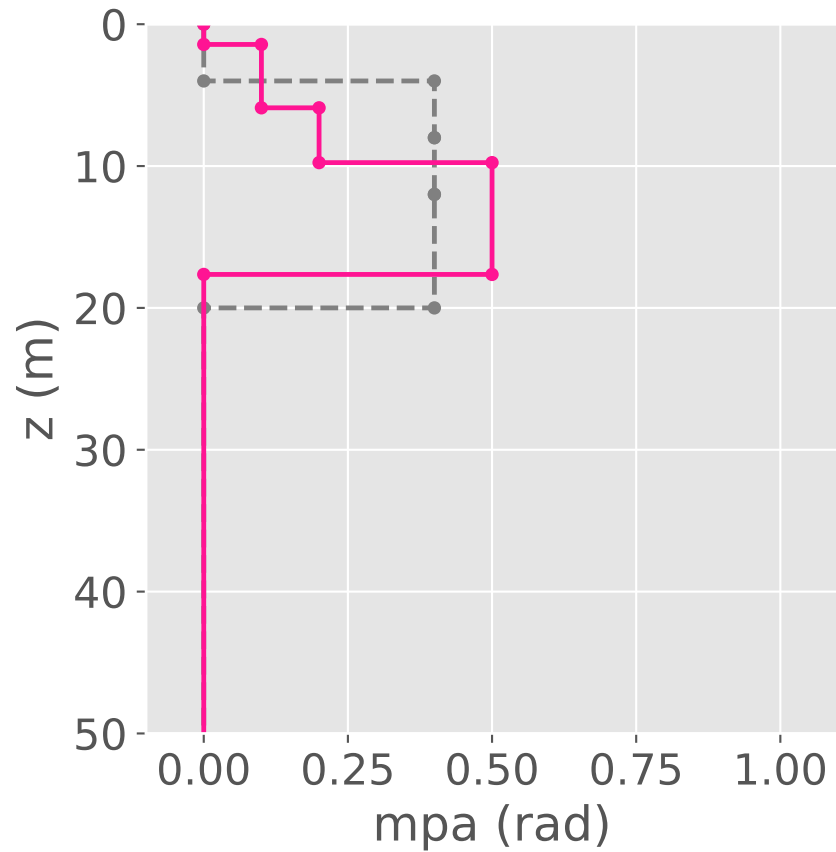
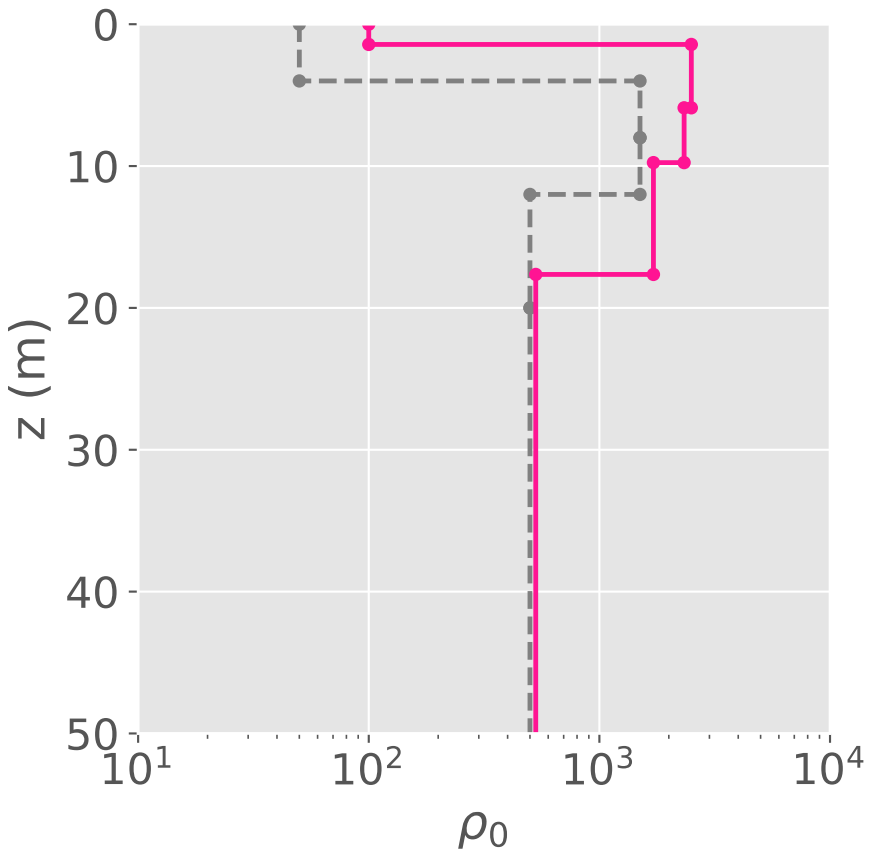


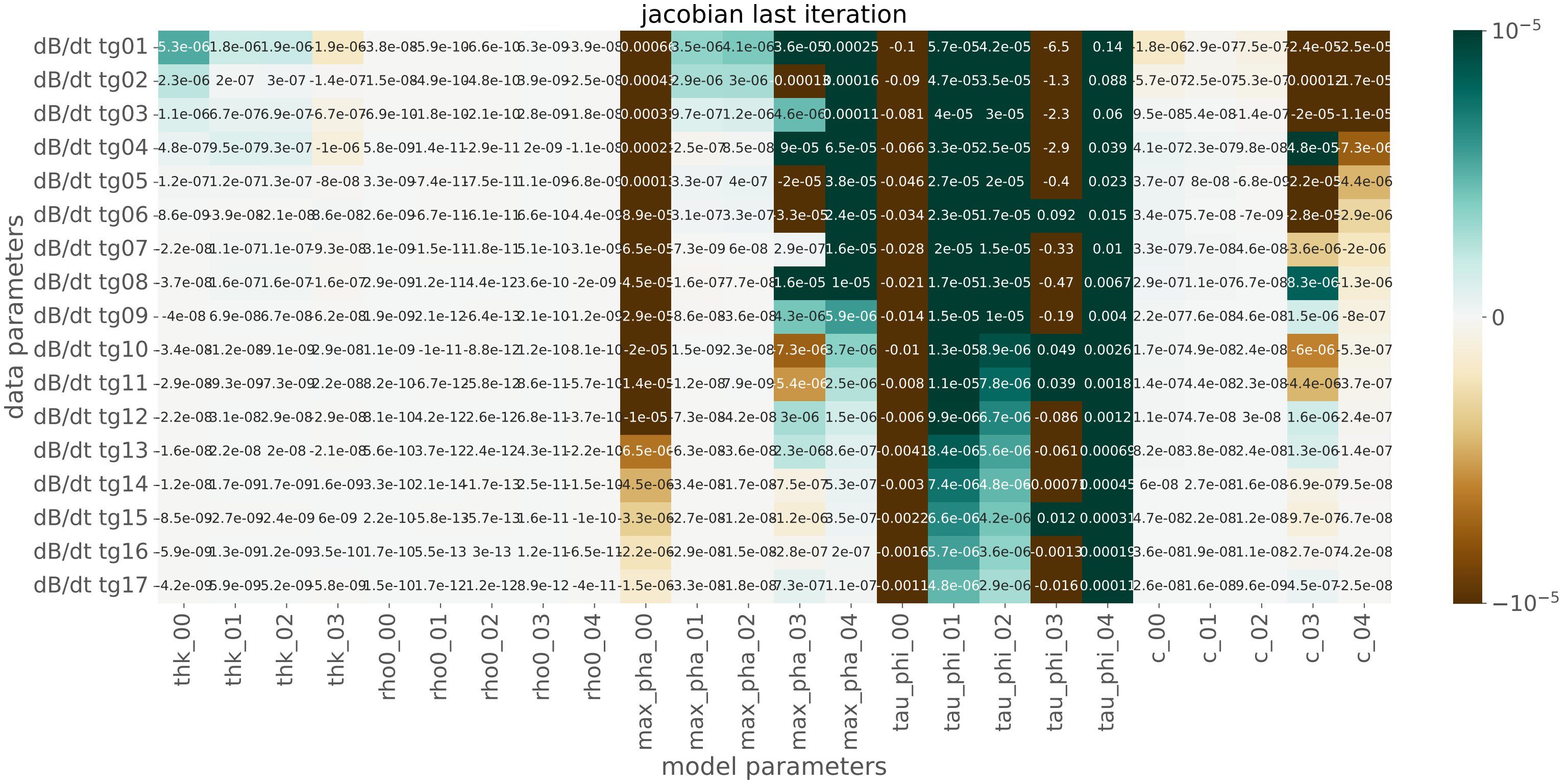
inv-run: 004, sndID: B037
chi2 = 37.96, rrms = 113.52%



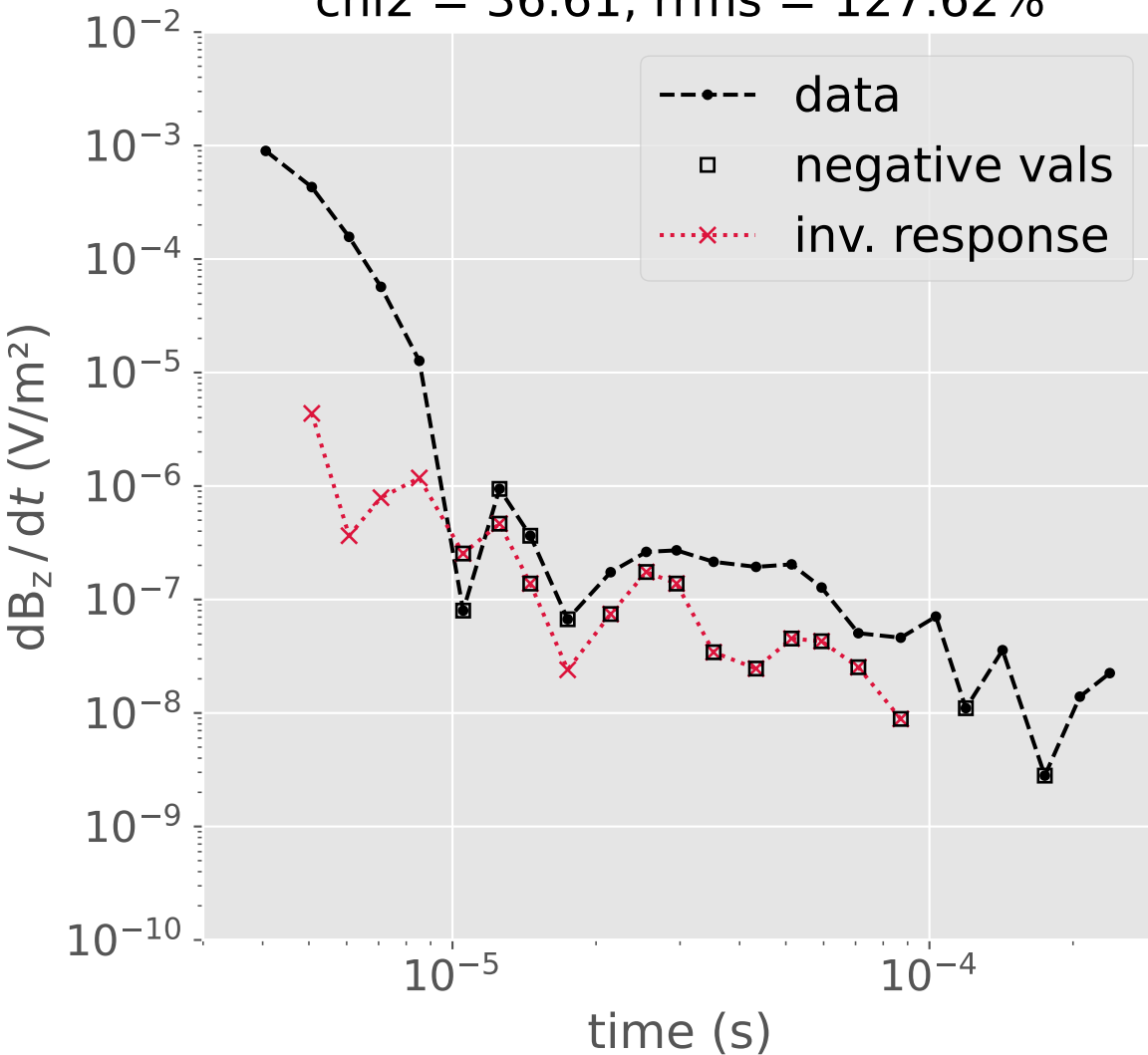
init. lam 500.0 cooling: 0.8, iters 14
fin. lam 17.6, noise floor = 17.0%



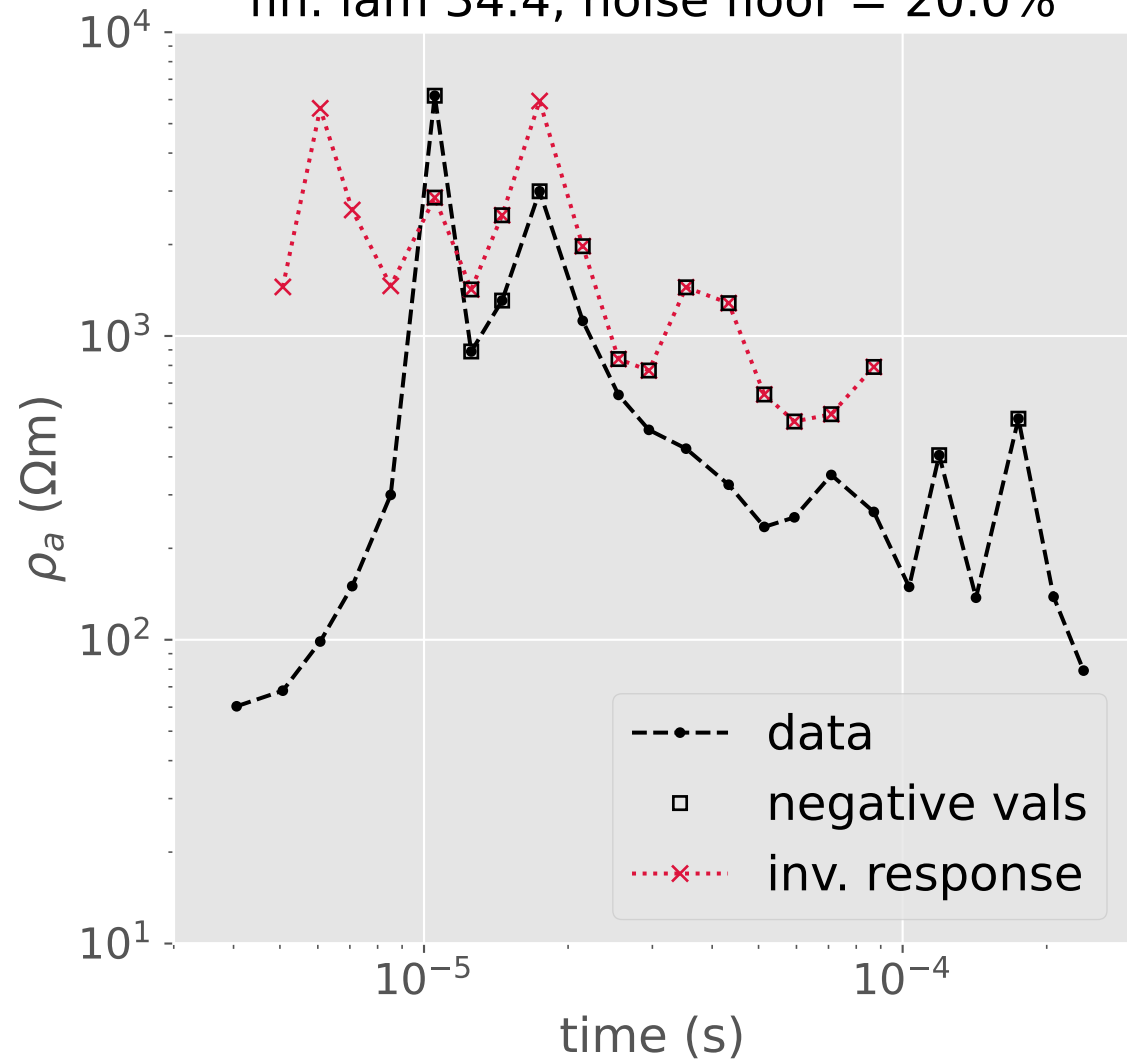


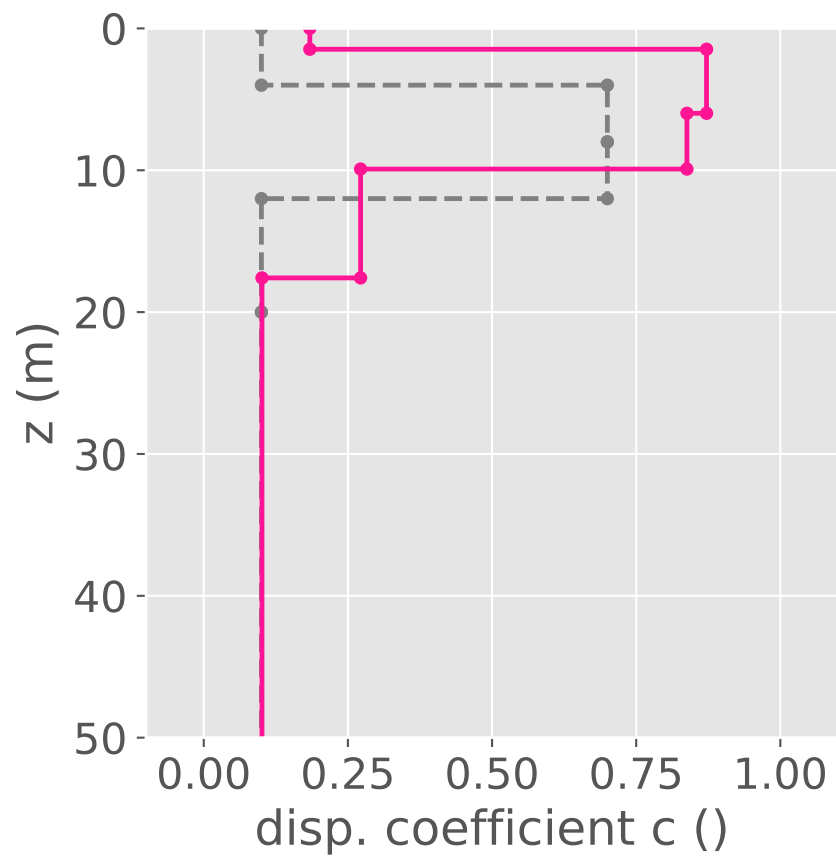
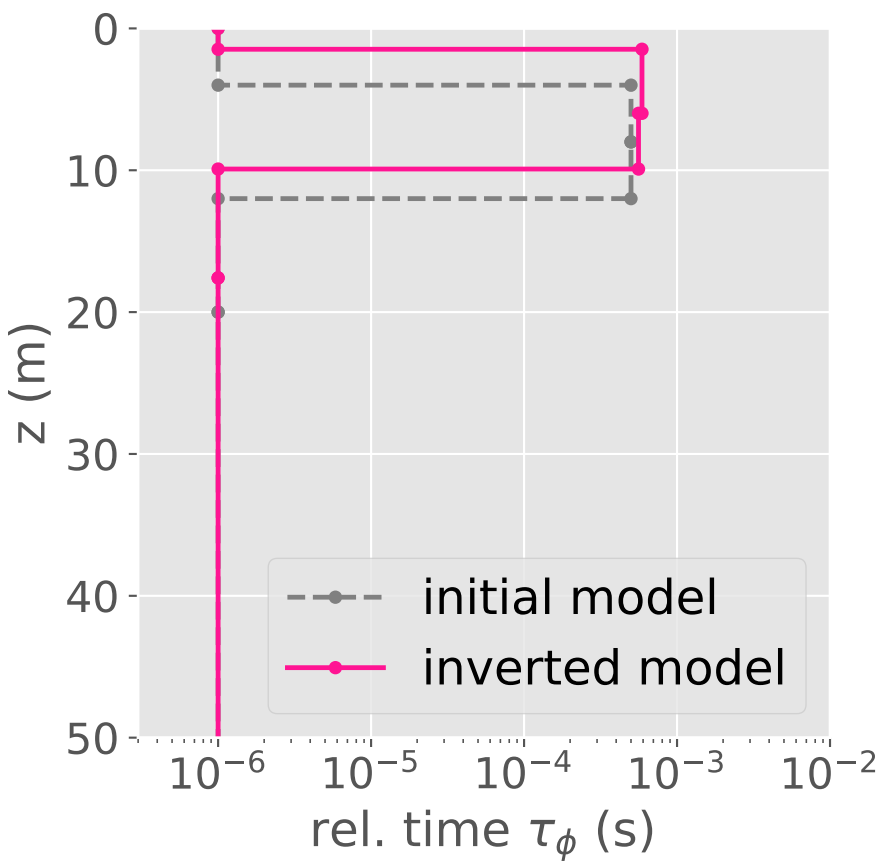
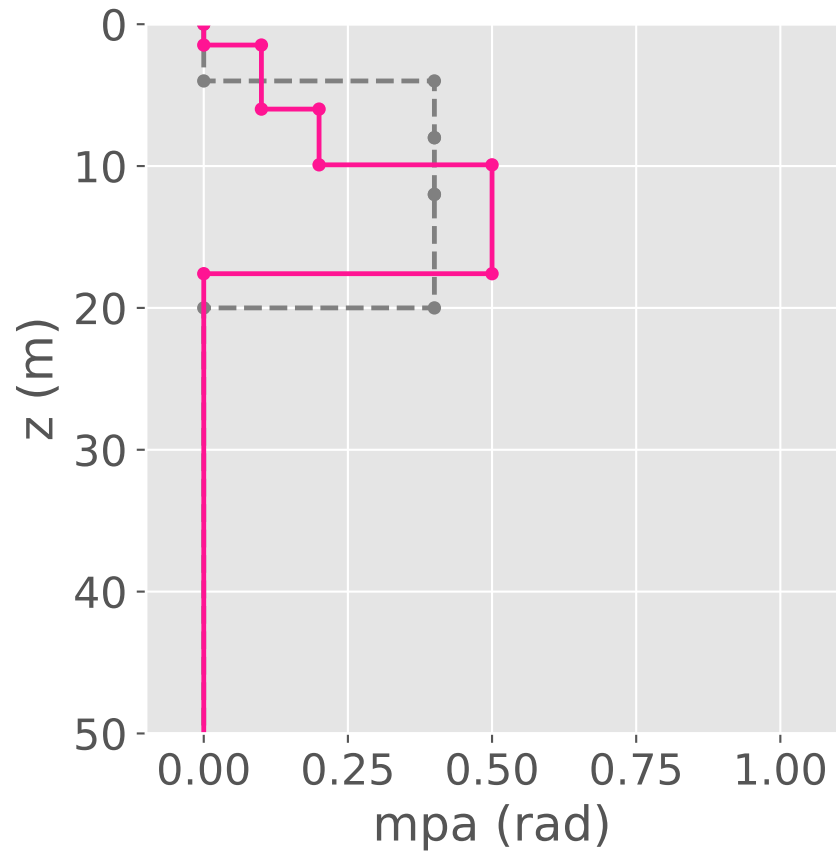
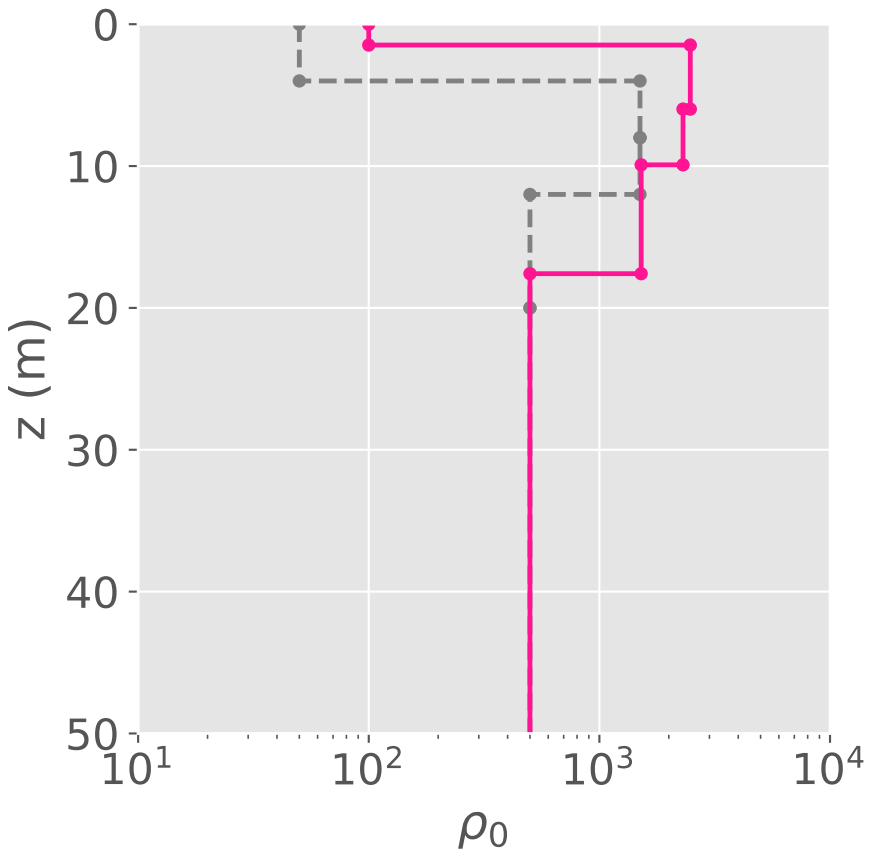


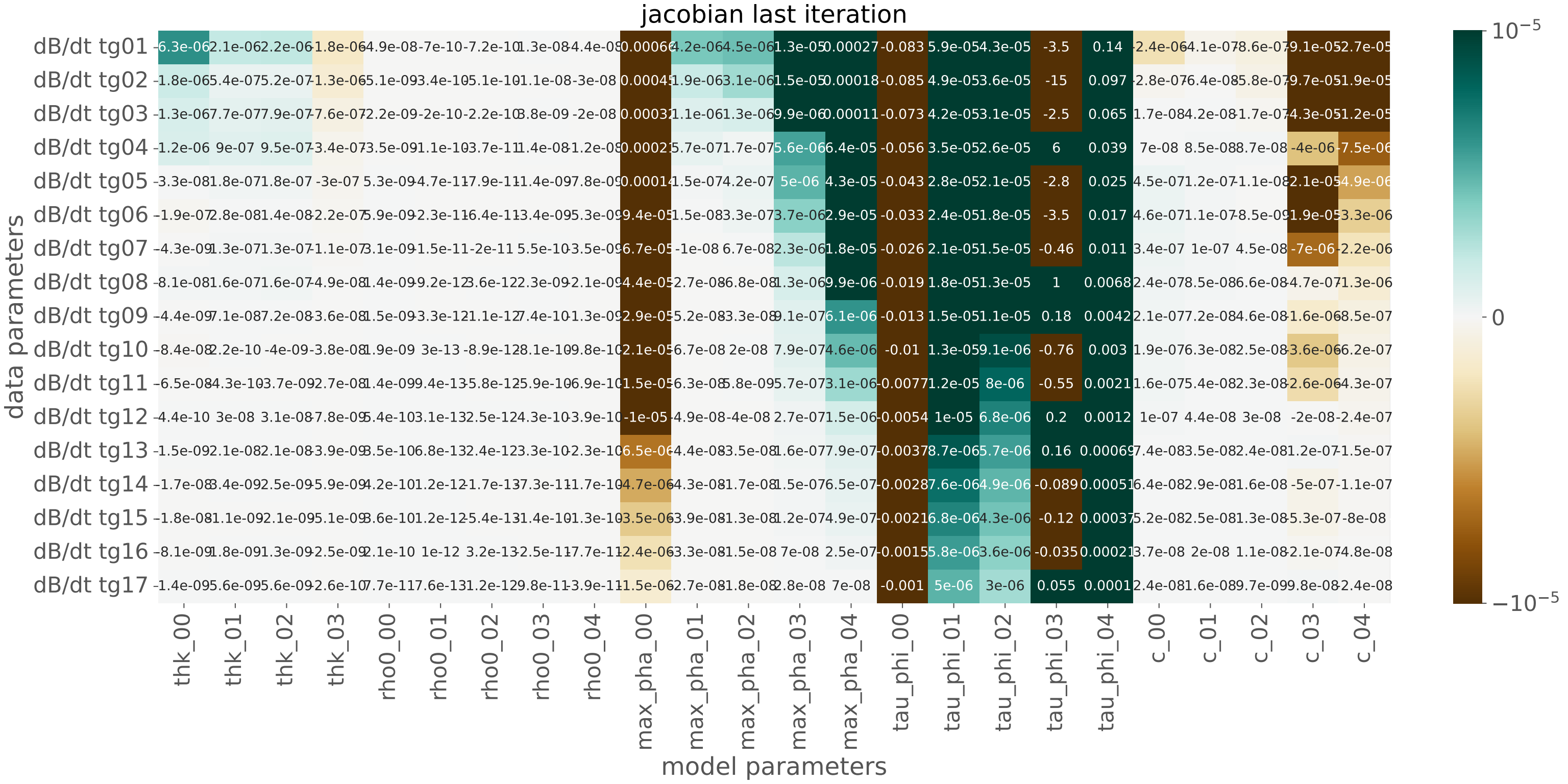
inv-run: 005, sndID: B037
chi2 = 36.61, rrms = 127.62%



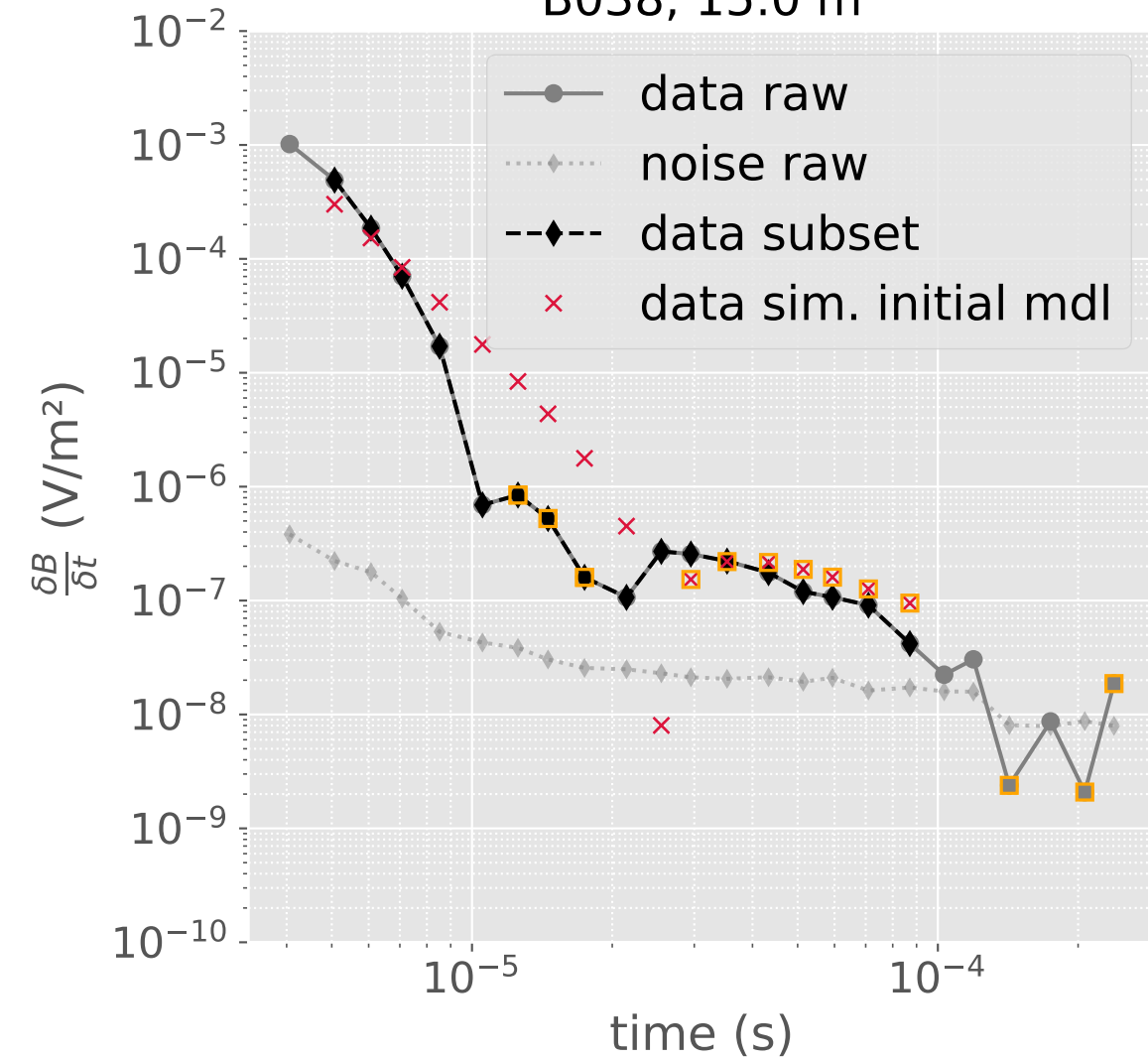
init. lam 500.0 cooling: 0.8, iters 11
fin. lam 34.4, noise floor = 20.0%



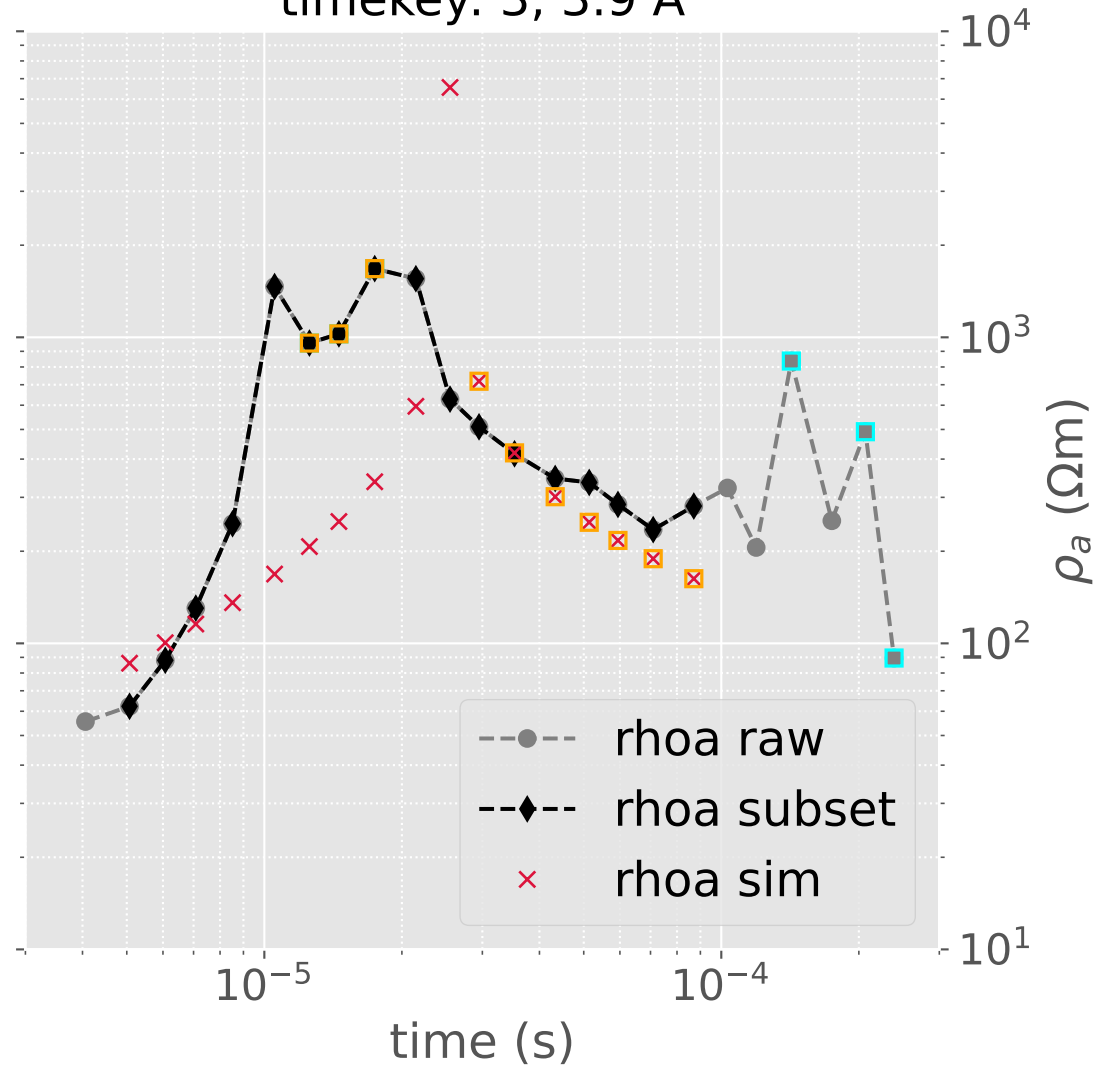




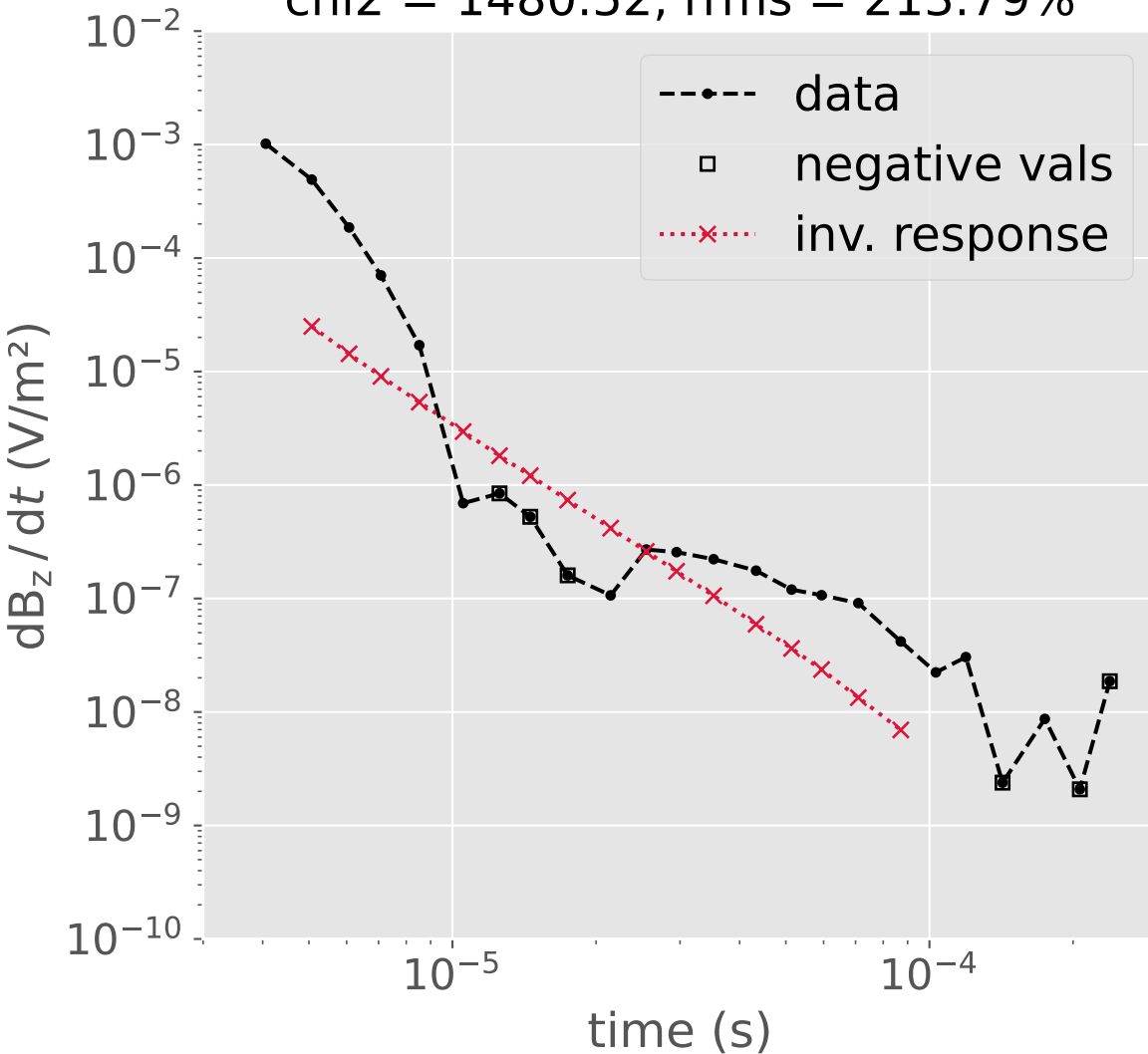
B038, 15.0 m



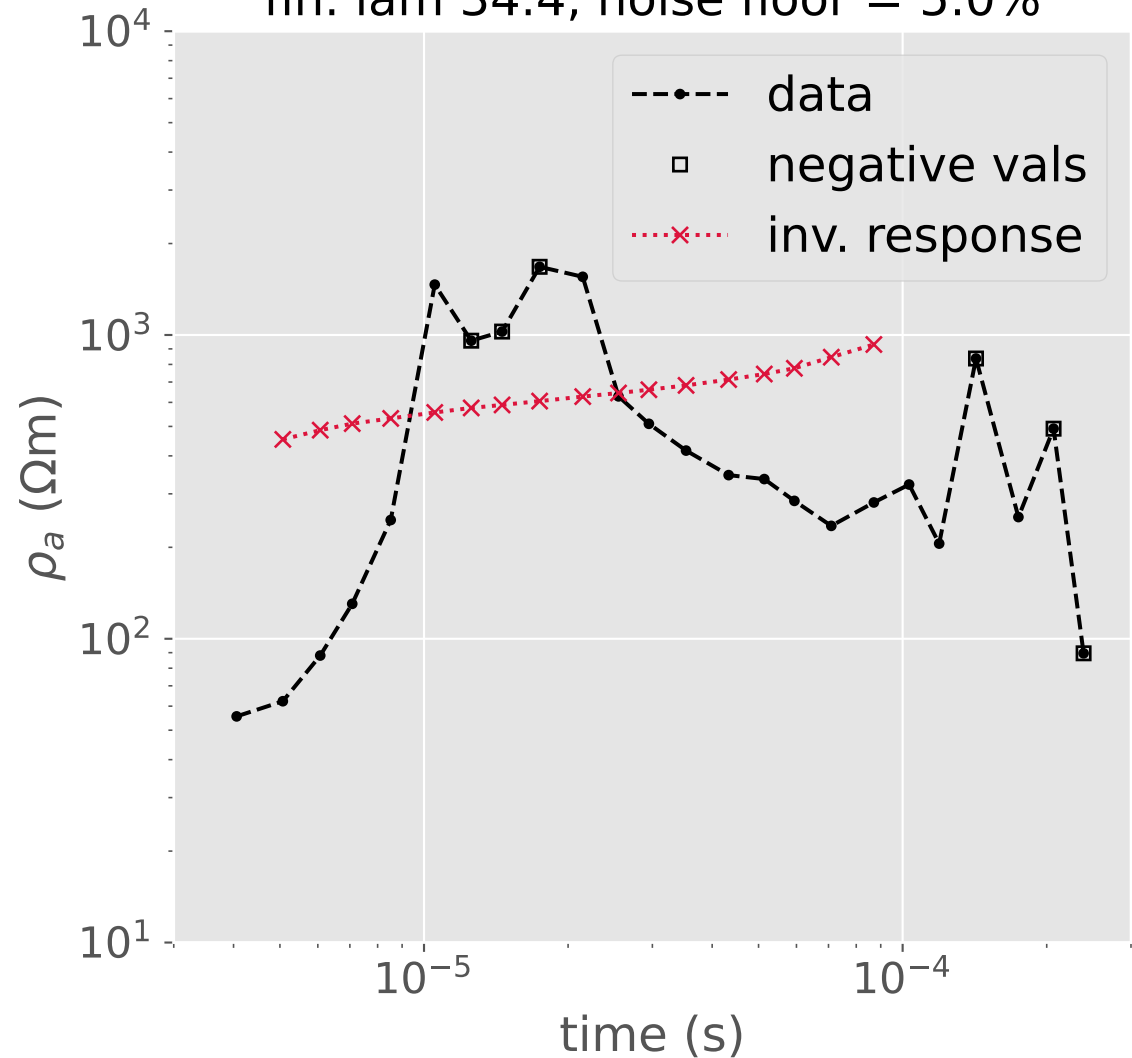
timekey: 3, 3.9 A

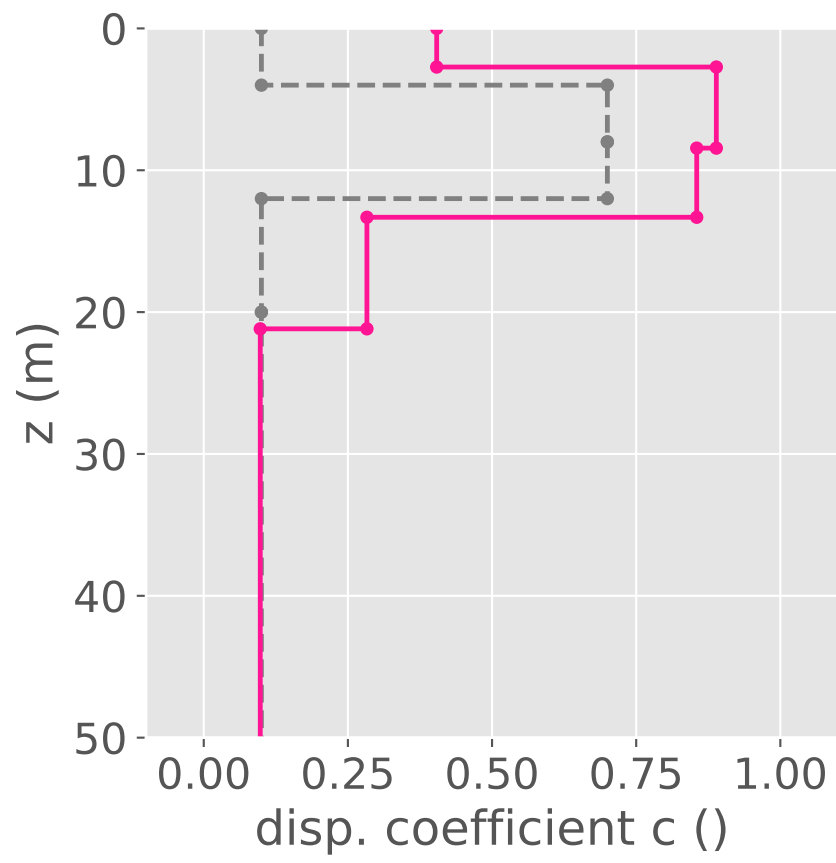
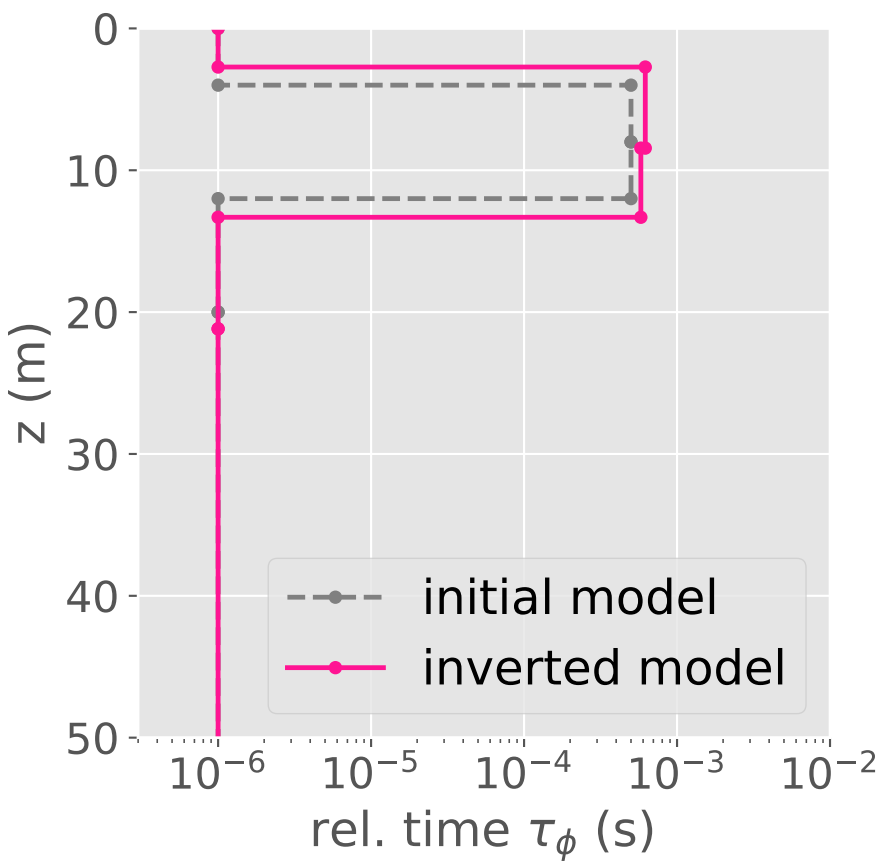
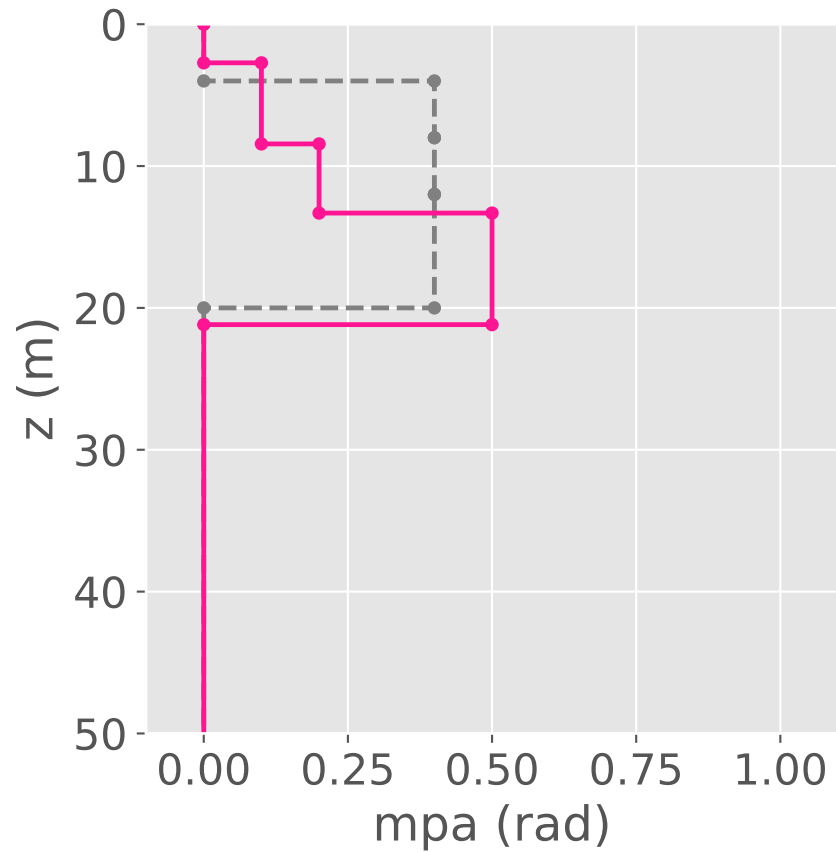
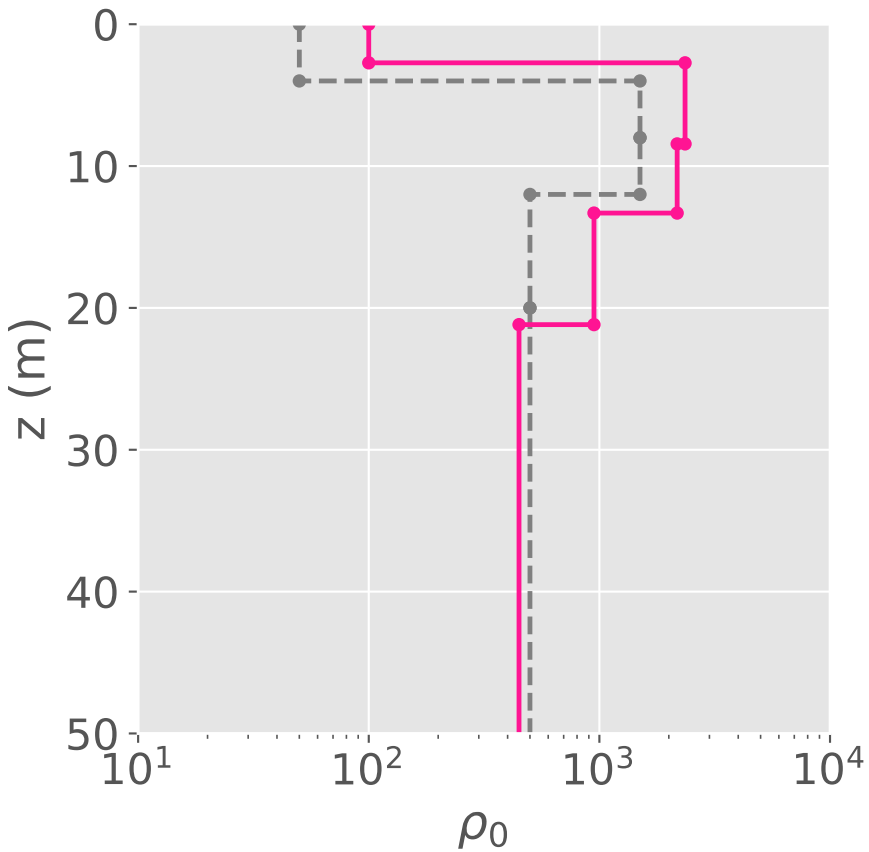


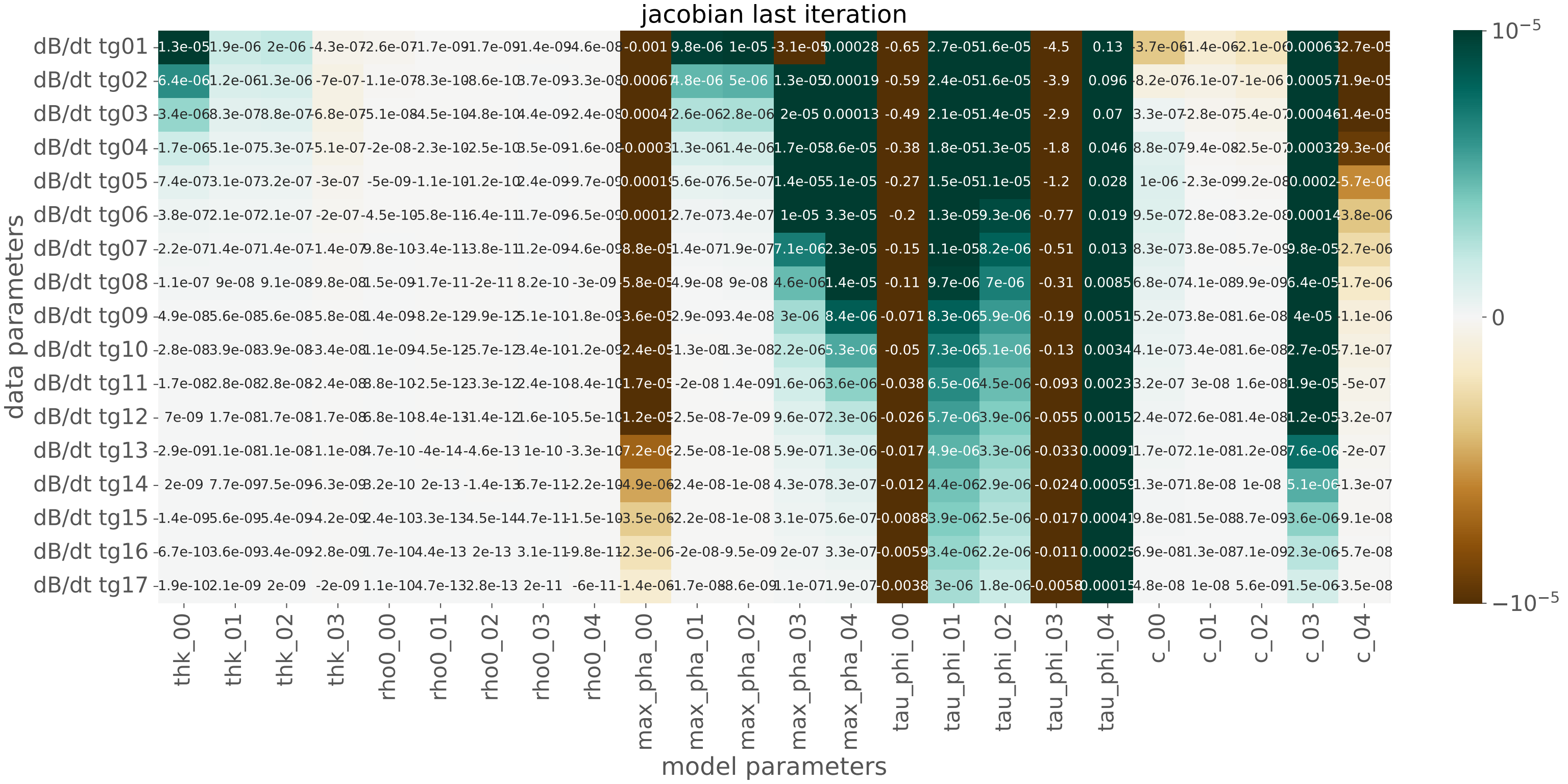
inv-run: 000, sndID: B038
chi2 = 1480.52, rrms = 213.79%



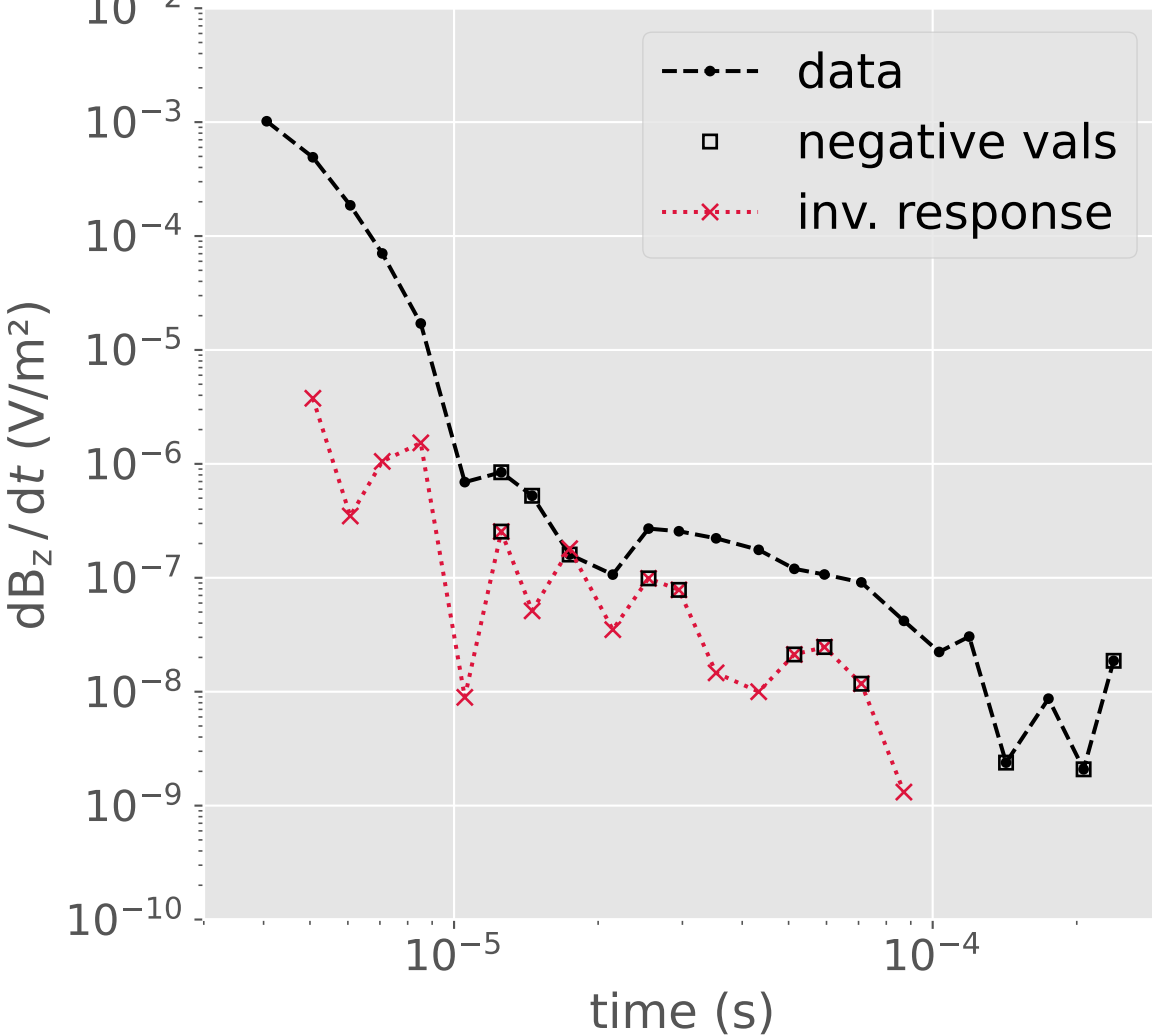
init. lam 500.0 cooling: 0.8, iters 11
fin. lam 34.4, noise floor = 5.0%



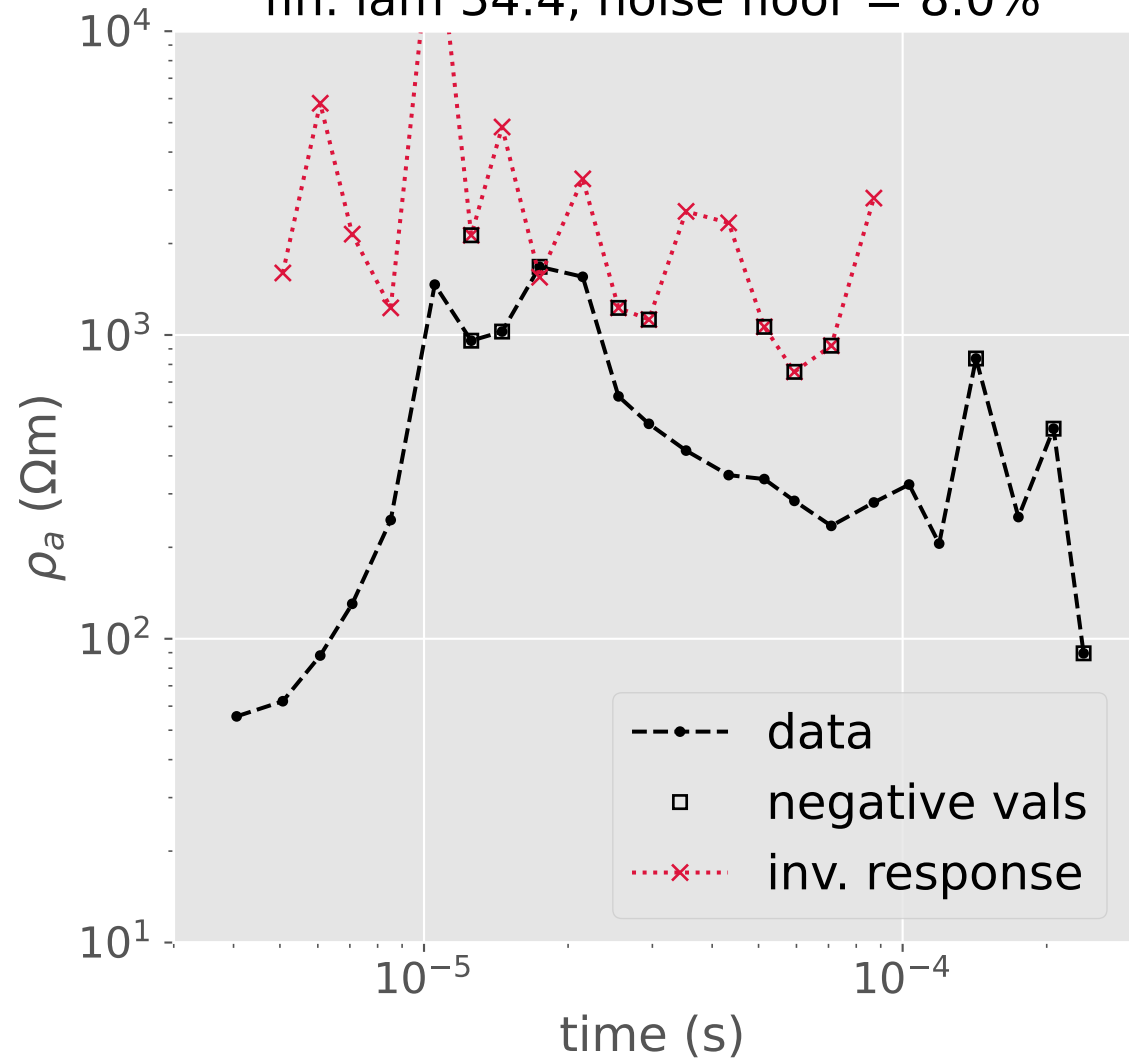


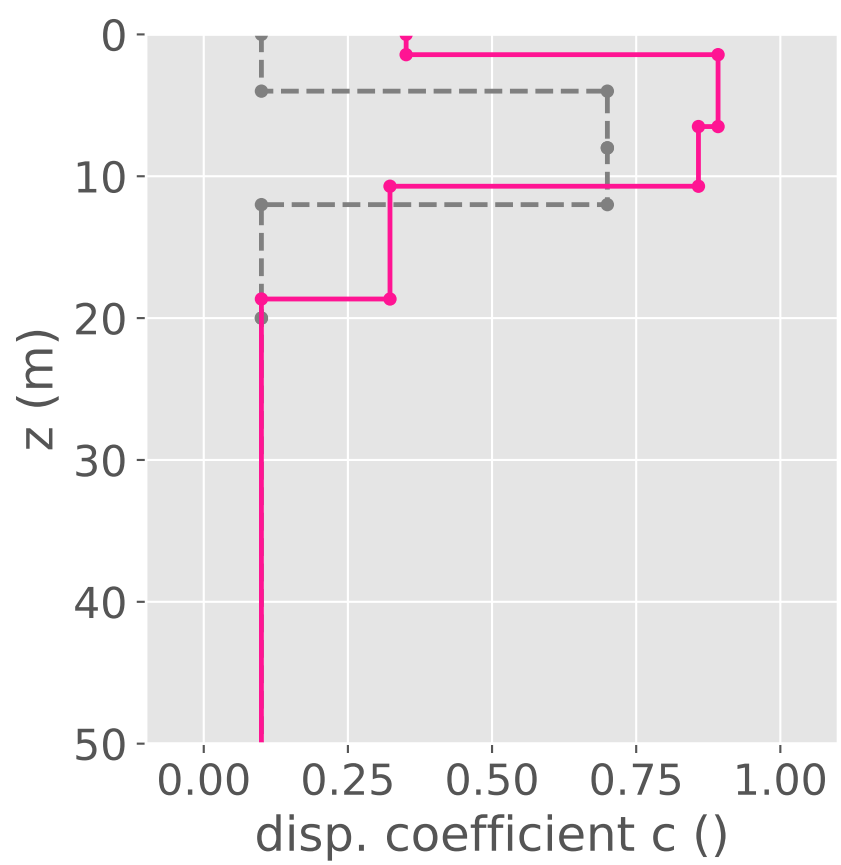
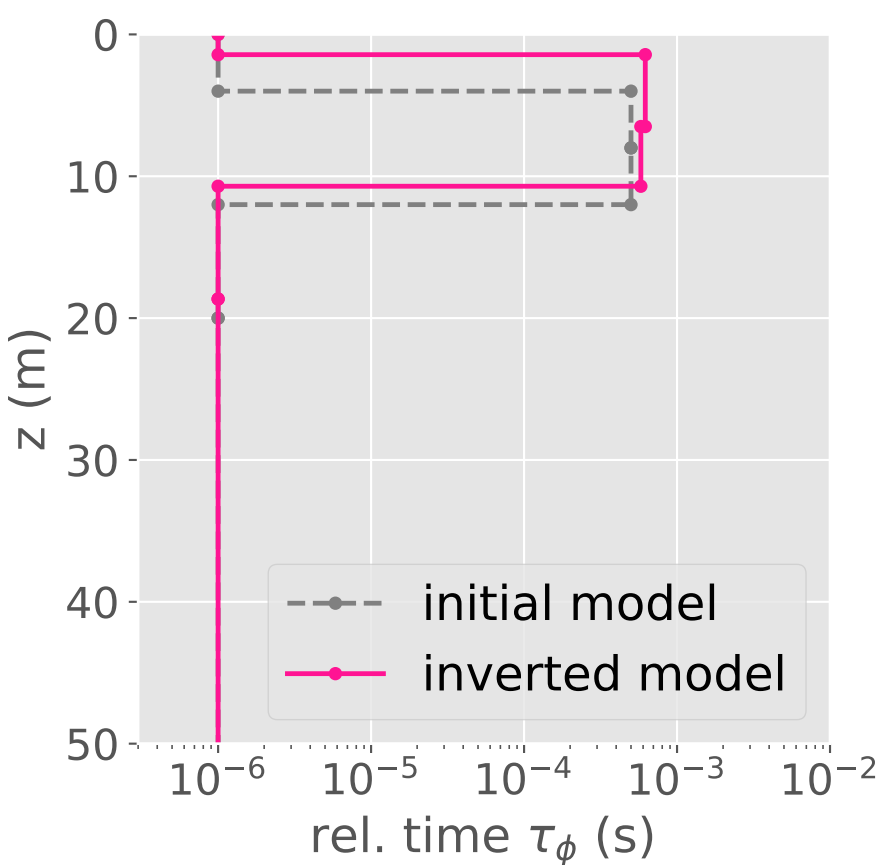
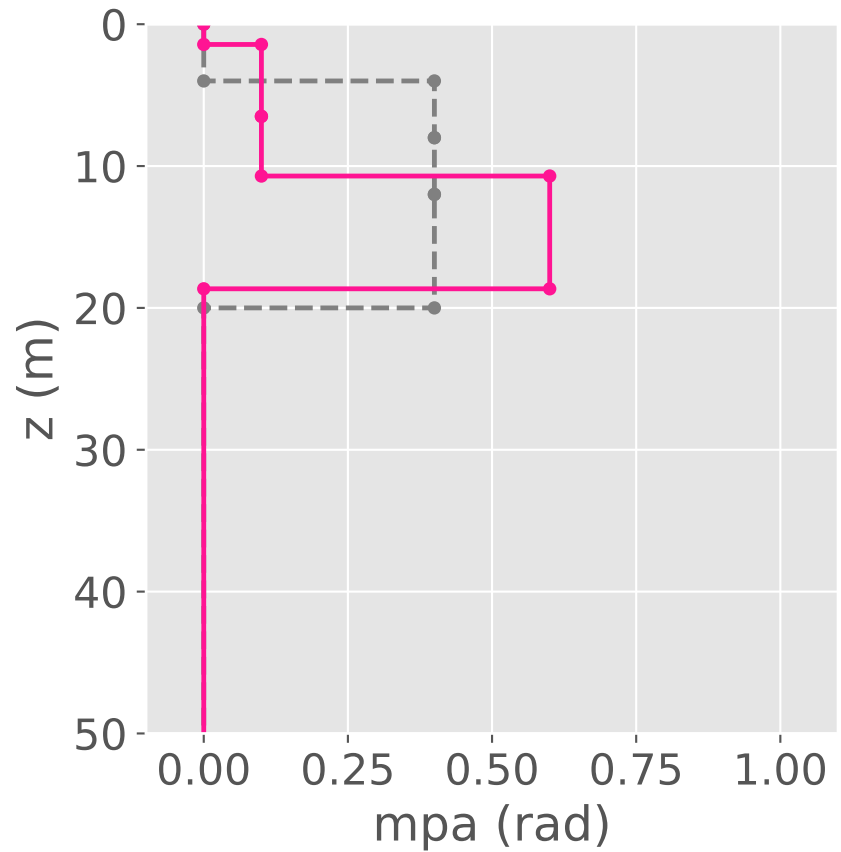
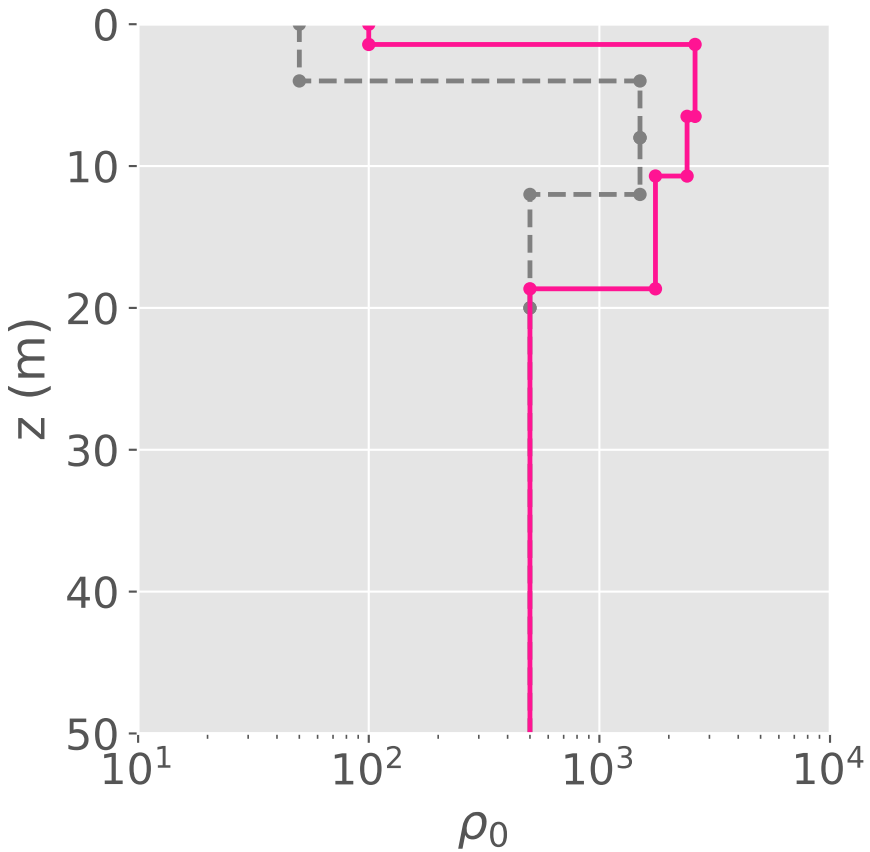


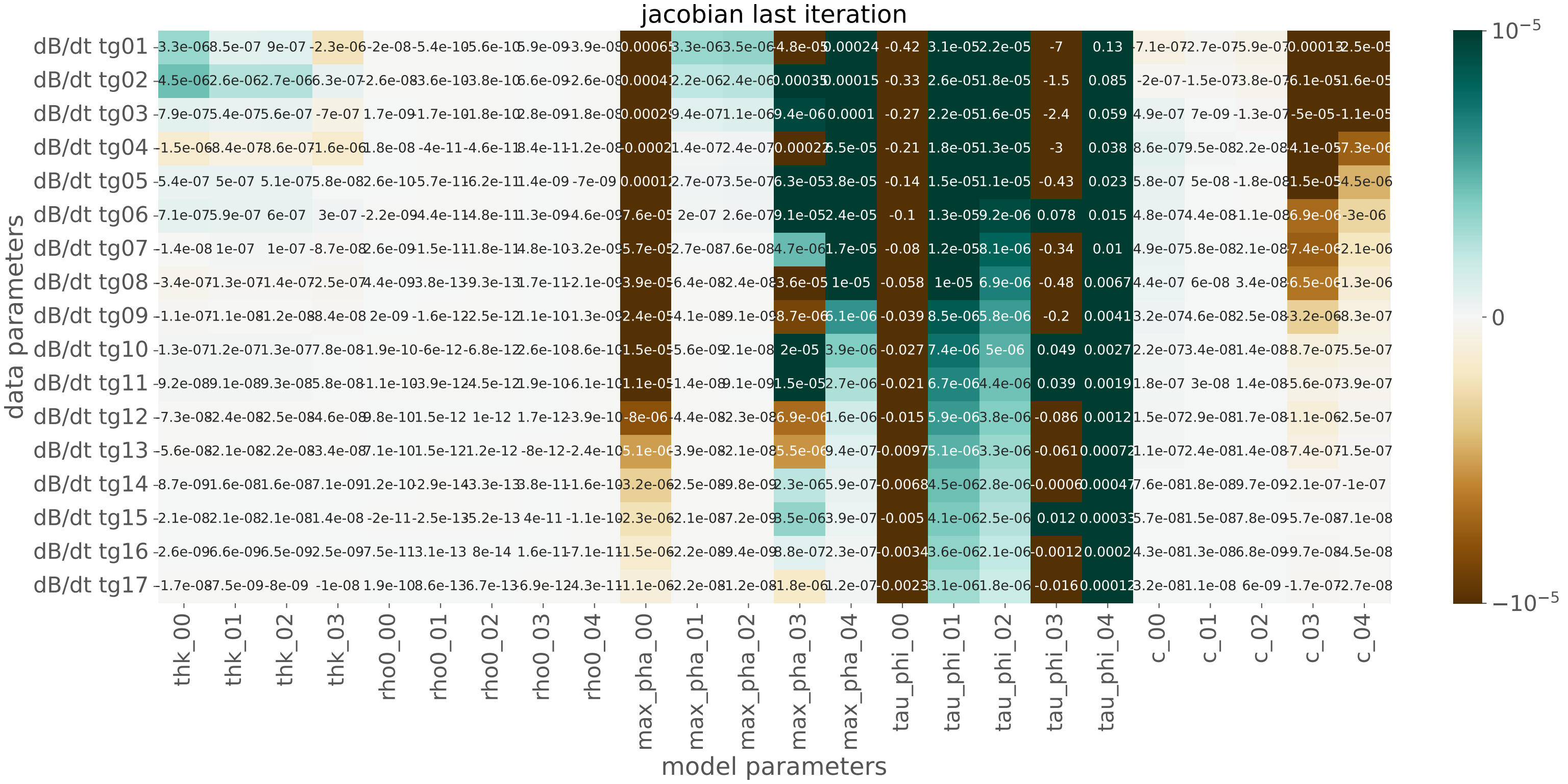
inv-run: 001, sndID: B038
chi2 = 148.74, rrms = 113.40%



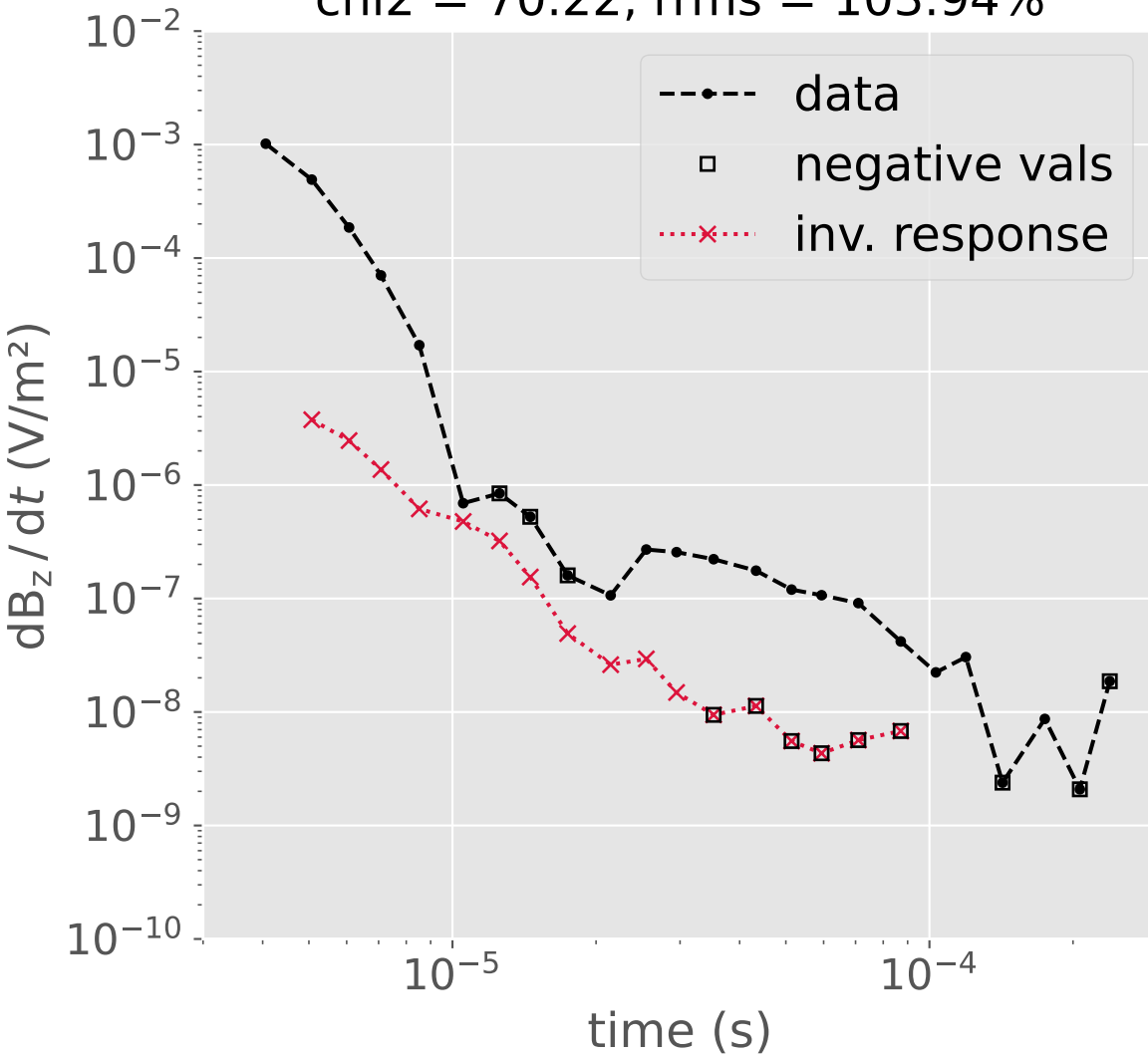
init. lam 500.0 cooling: 0.8, iters 11
fin. lam 34.4, noise floor = 8.0%



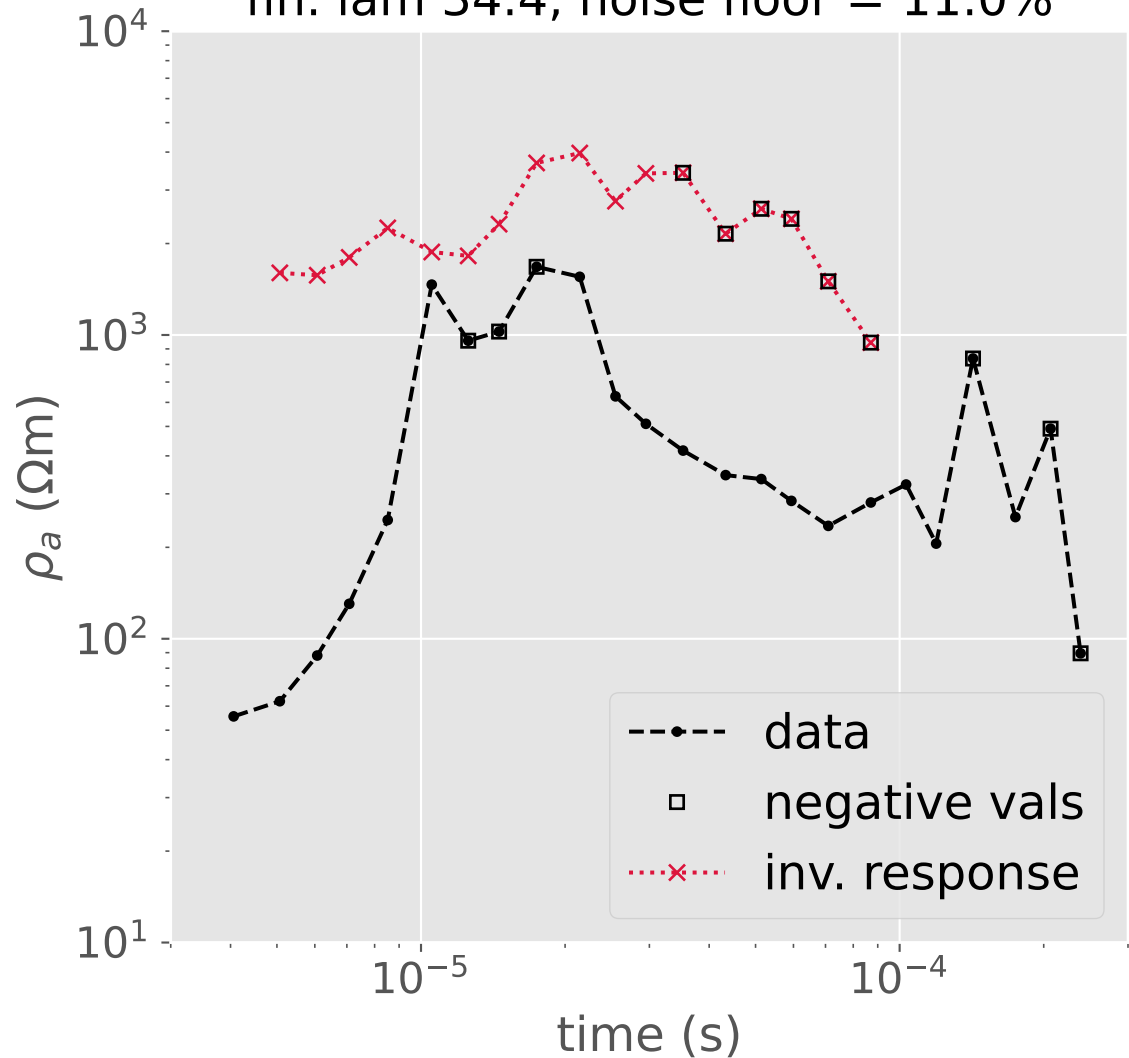


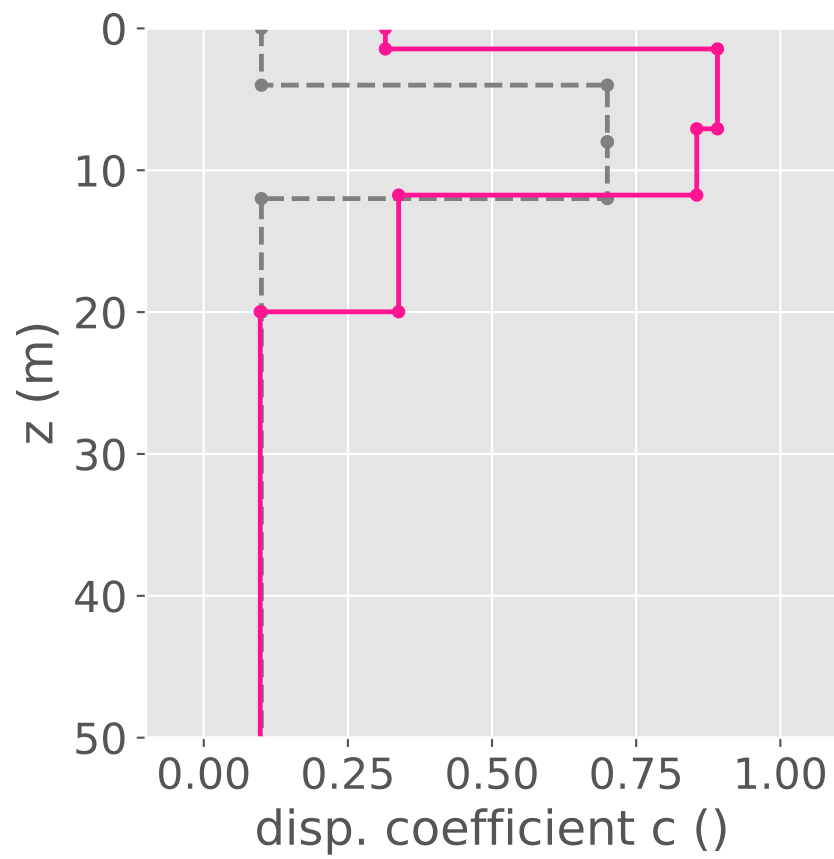
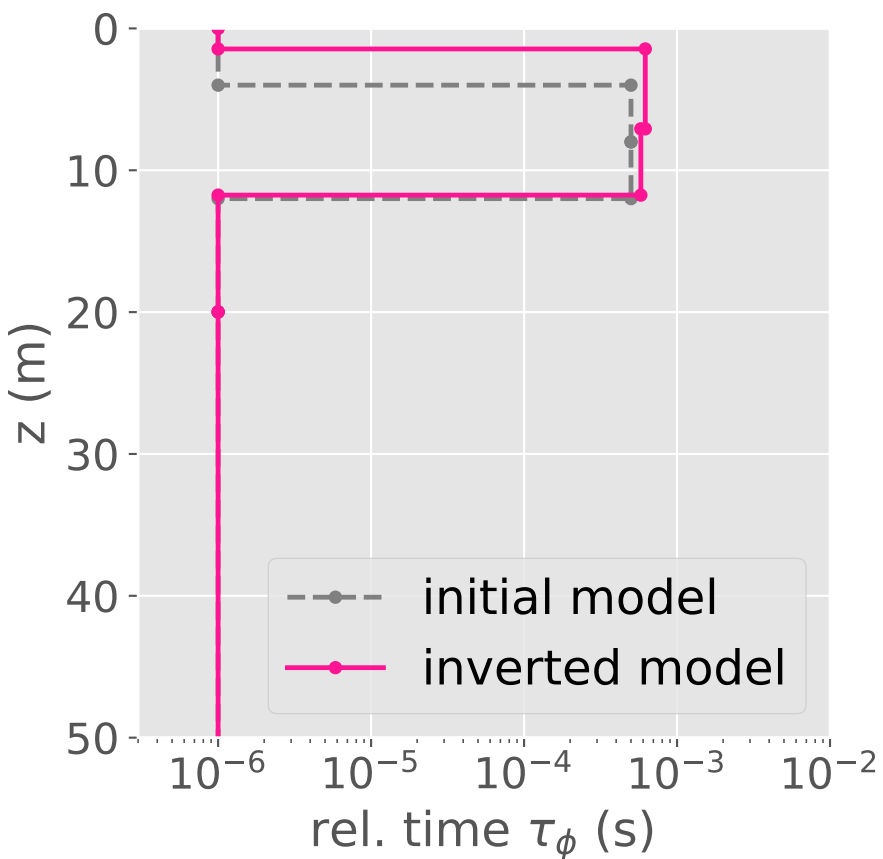
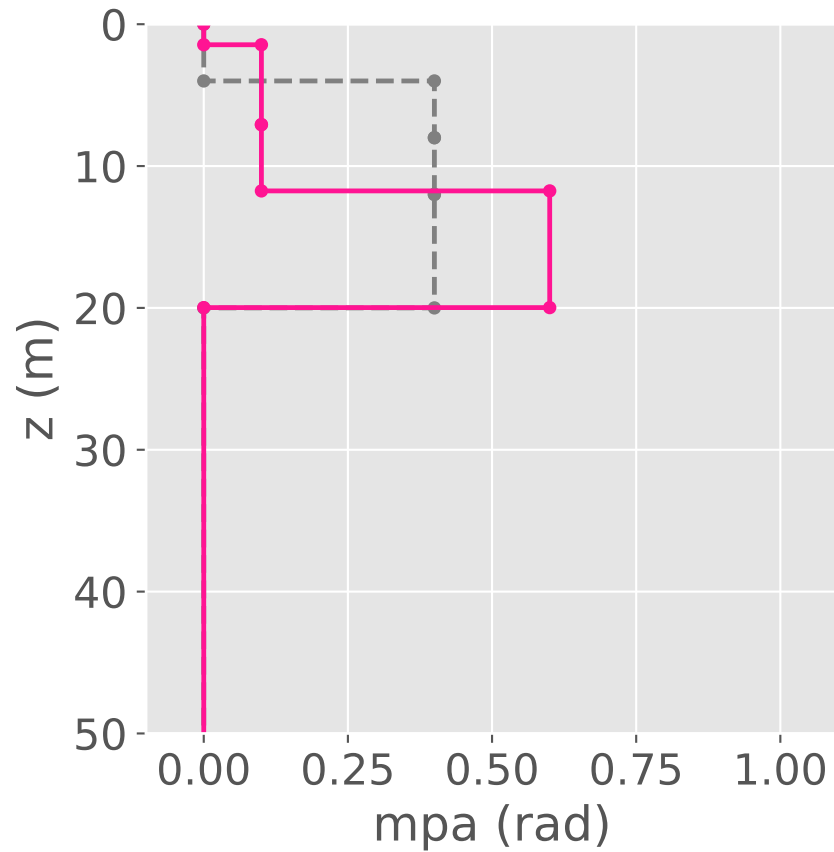
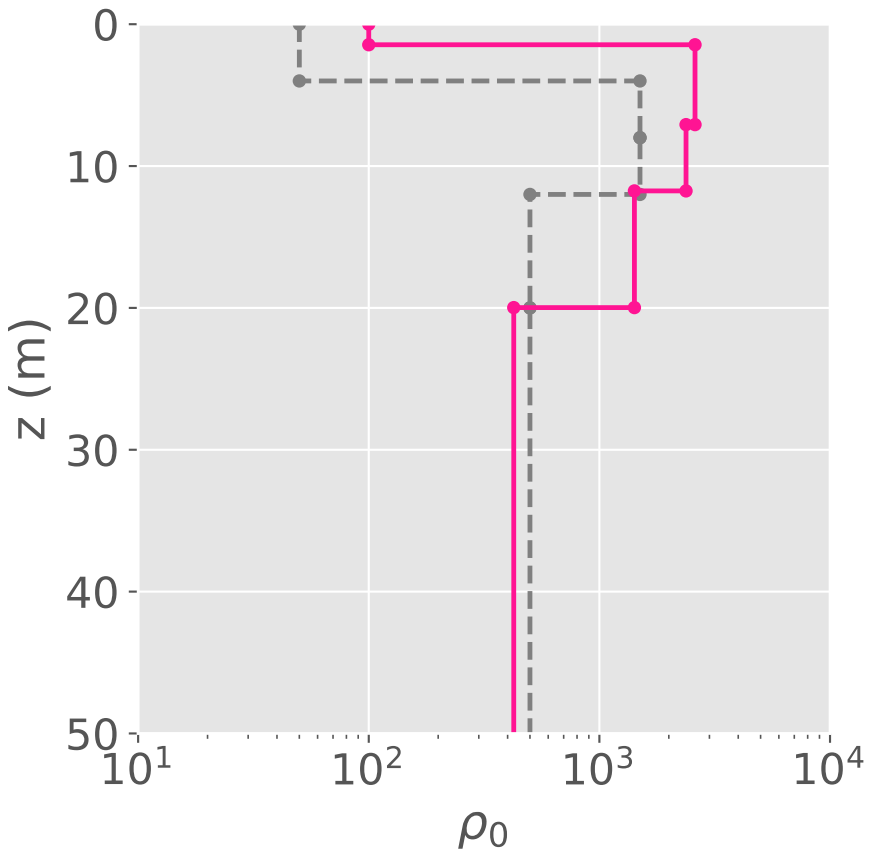


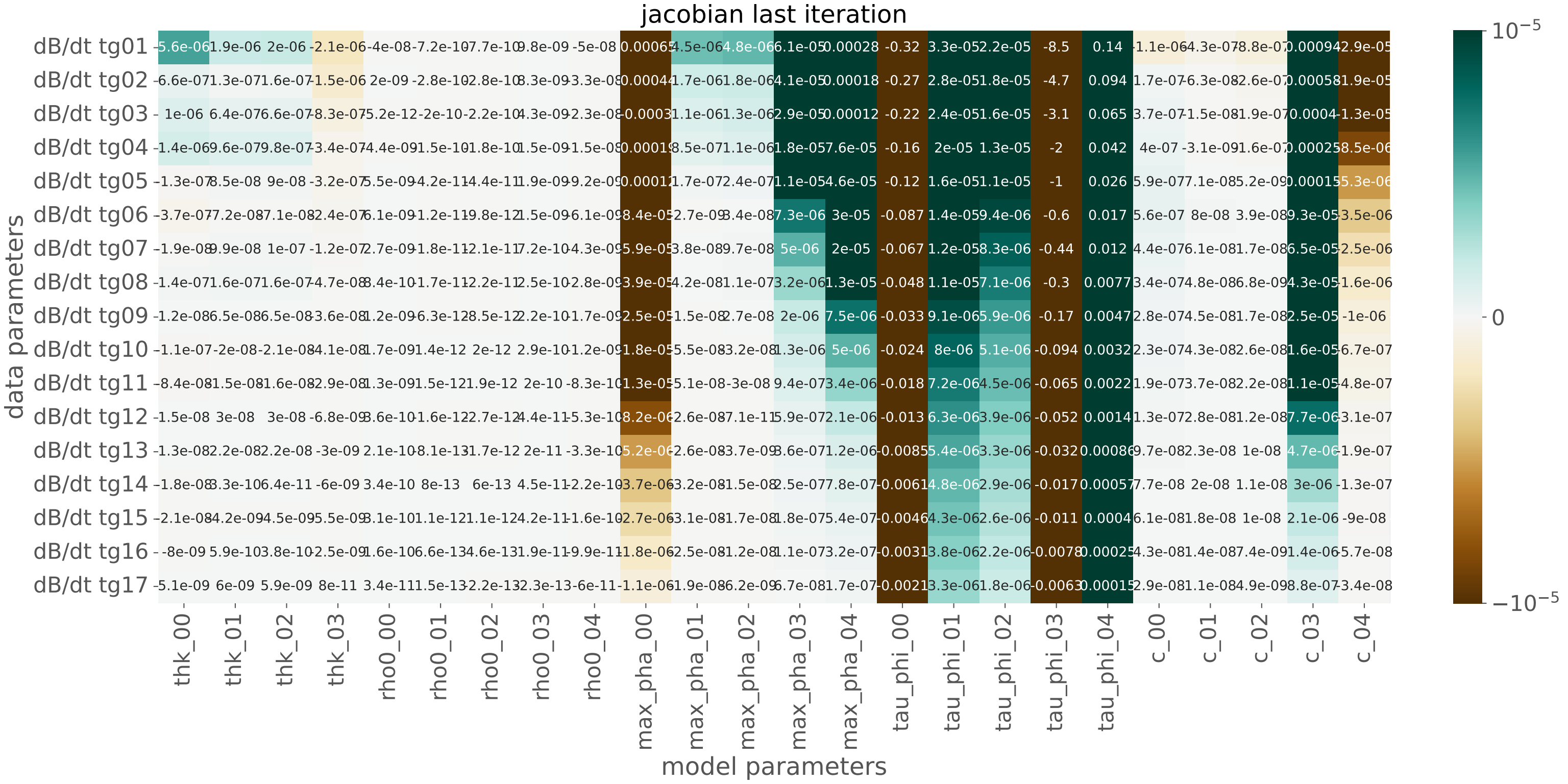
inv-run: 002, sndID: B038
chi2 = 70.22, rrms = 103.94%



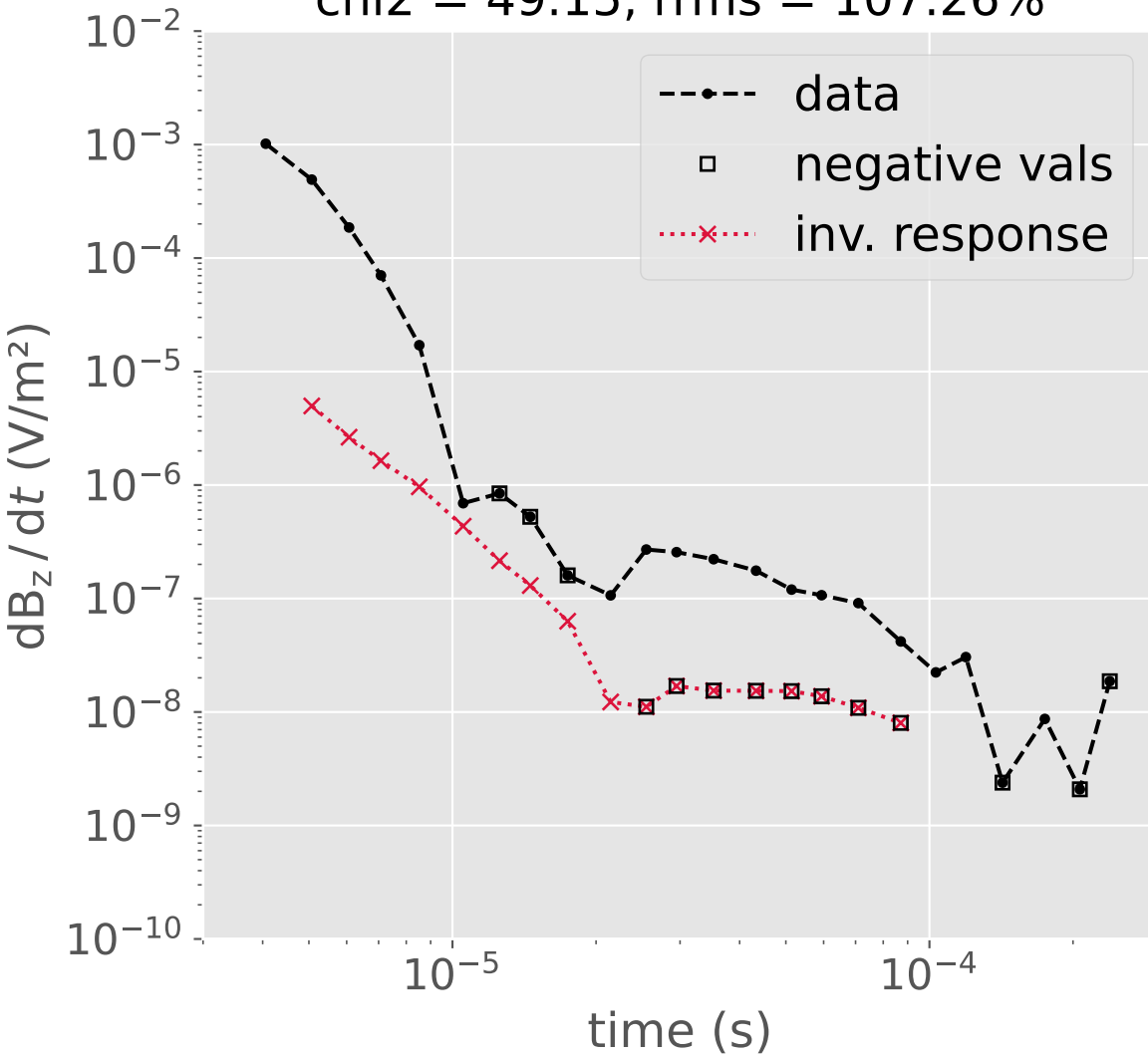
init. lam 500.0 cooling: 0.8, iters 11
fin. lam 34.4, noise floor = 11.0%



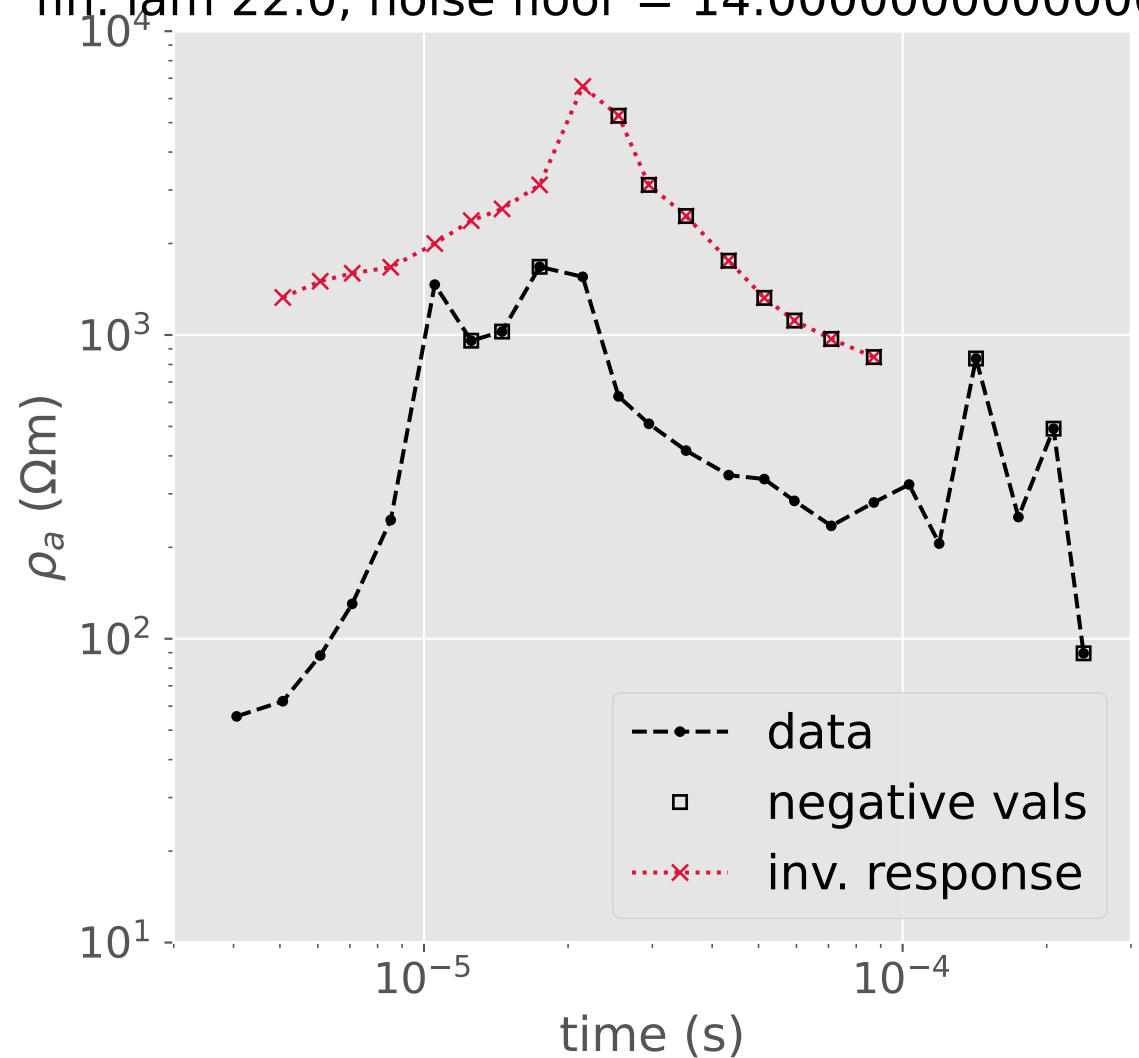


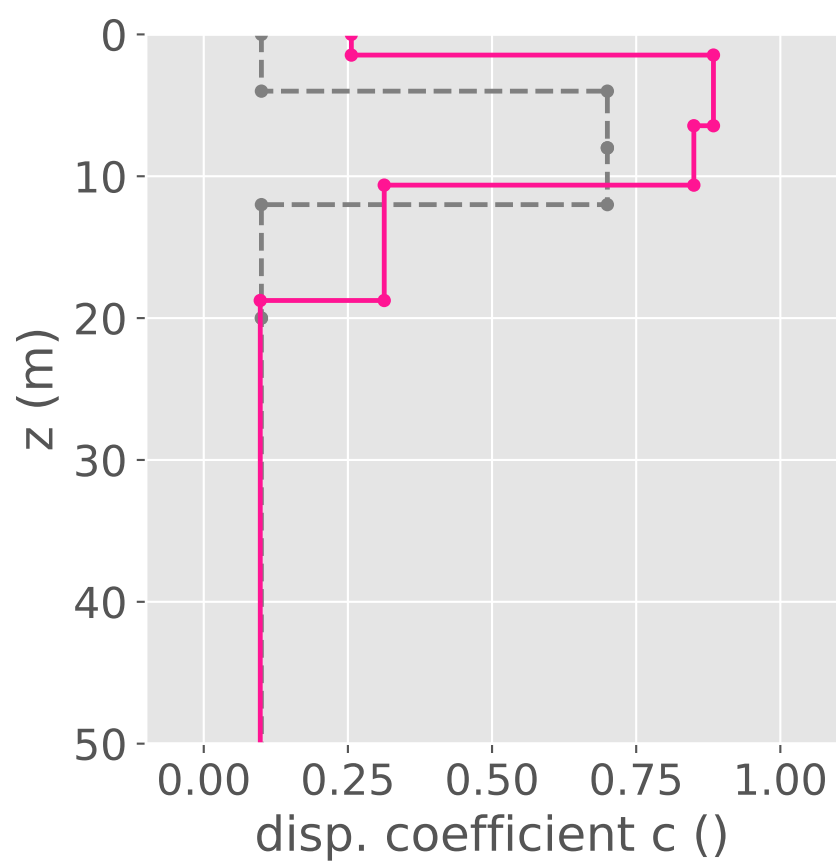
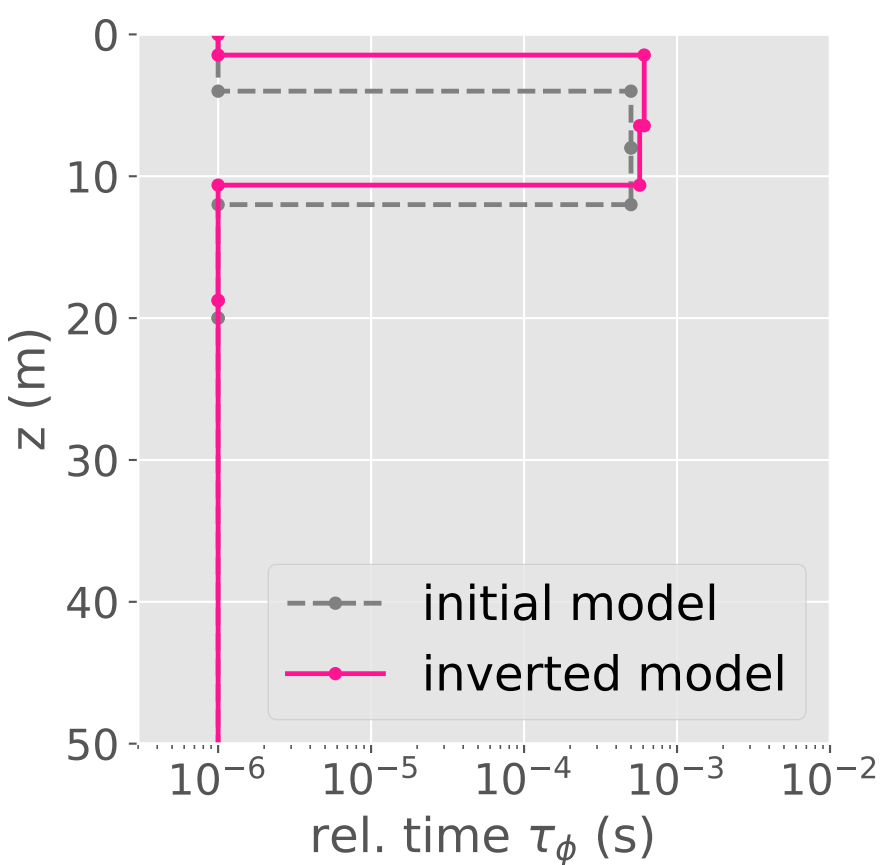
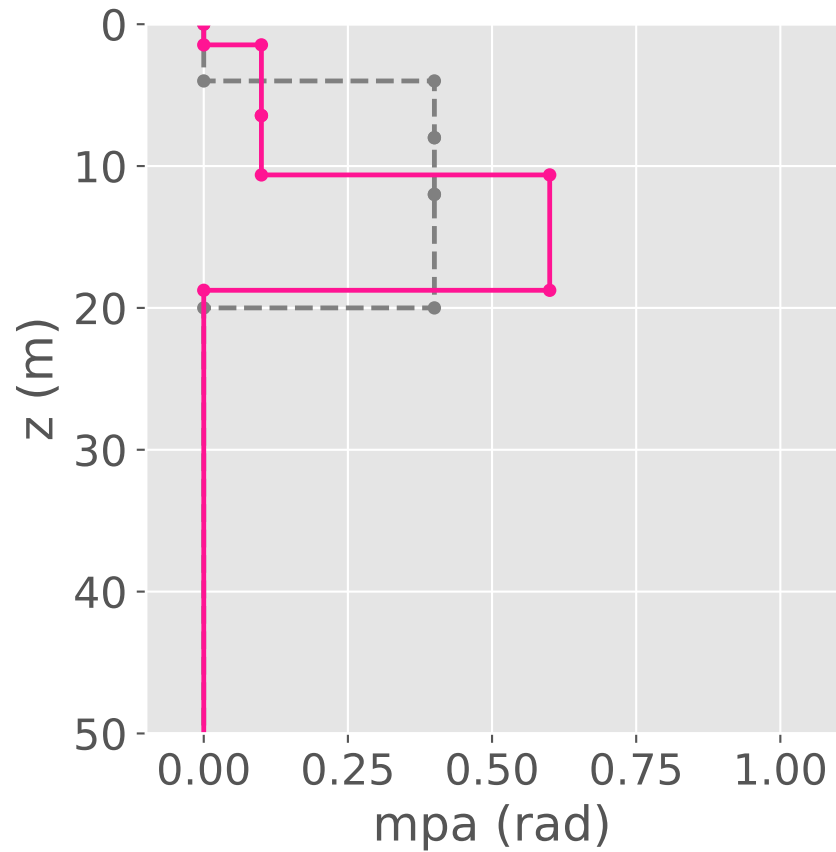
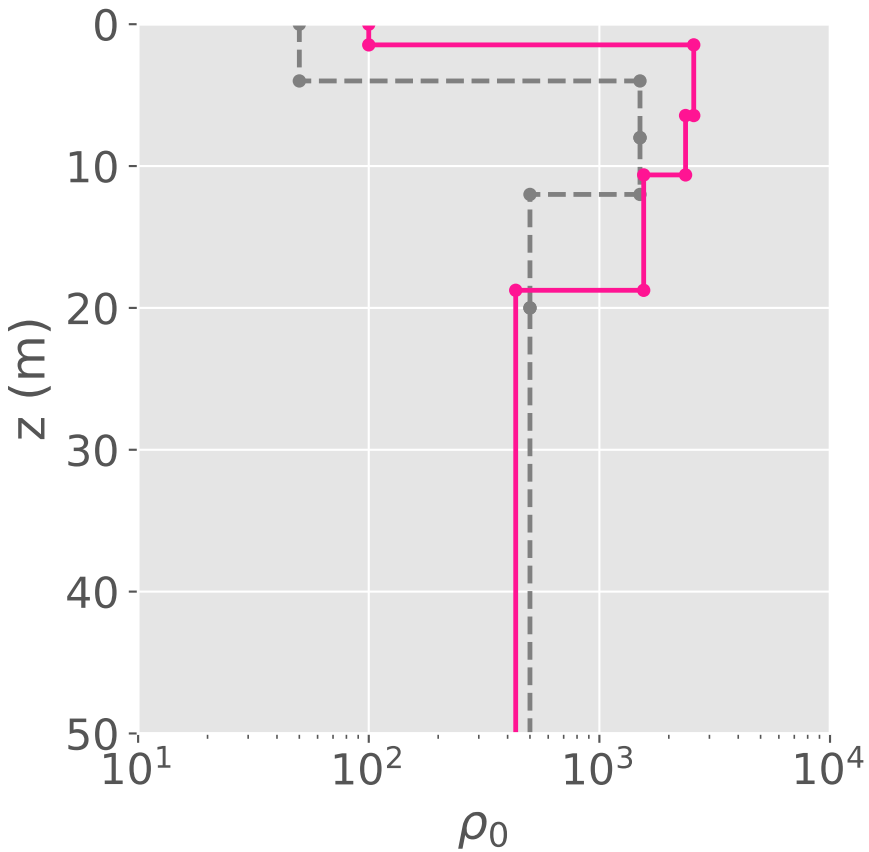


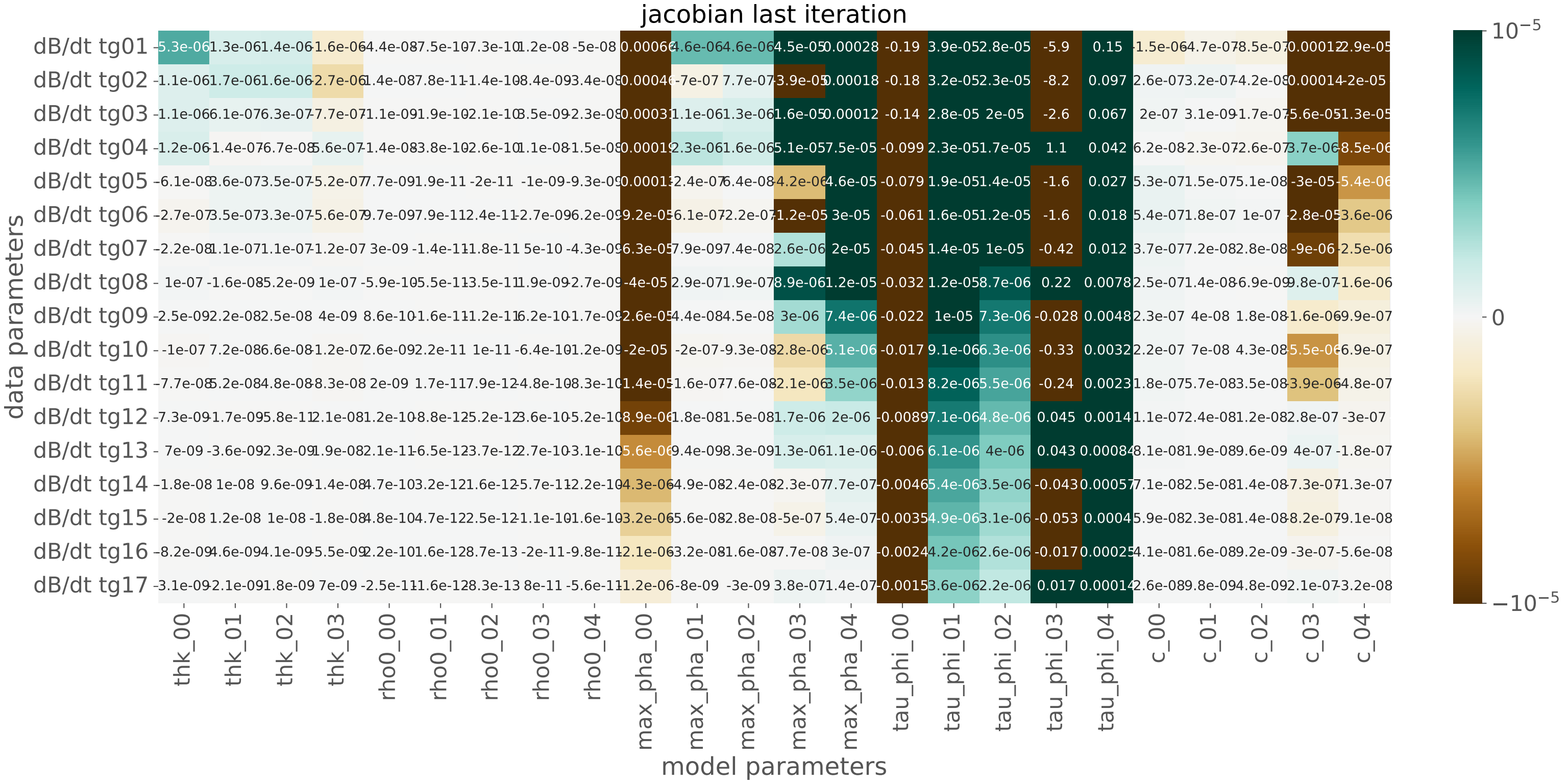
inv-run: 003, sndID: B038
chi2 = 49.15, rrms = 107.26%



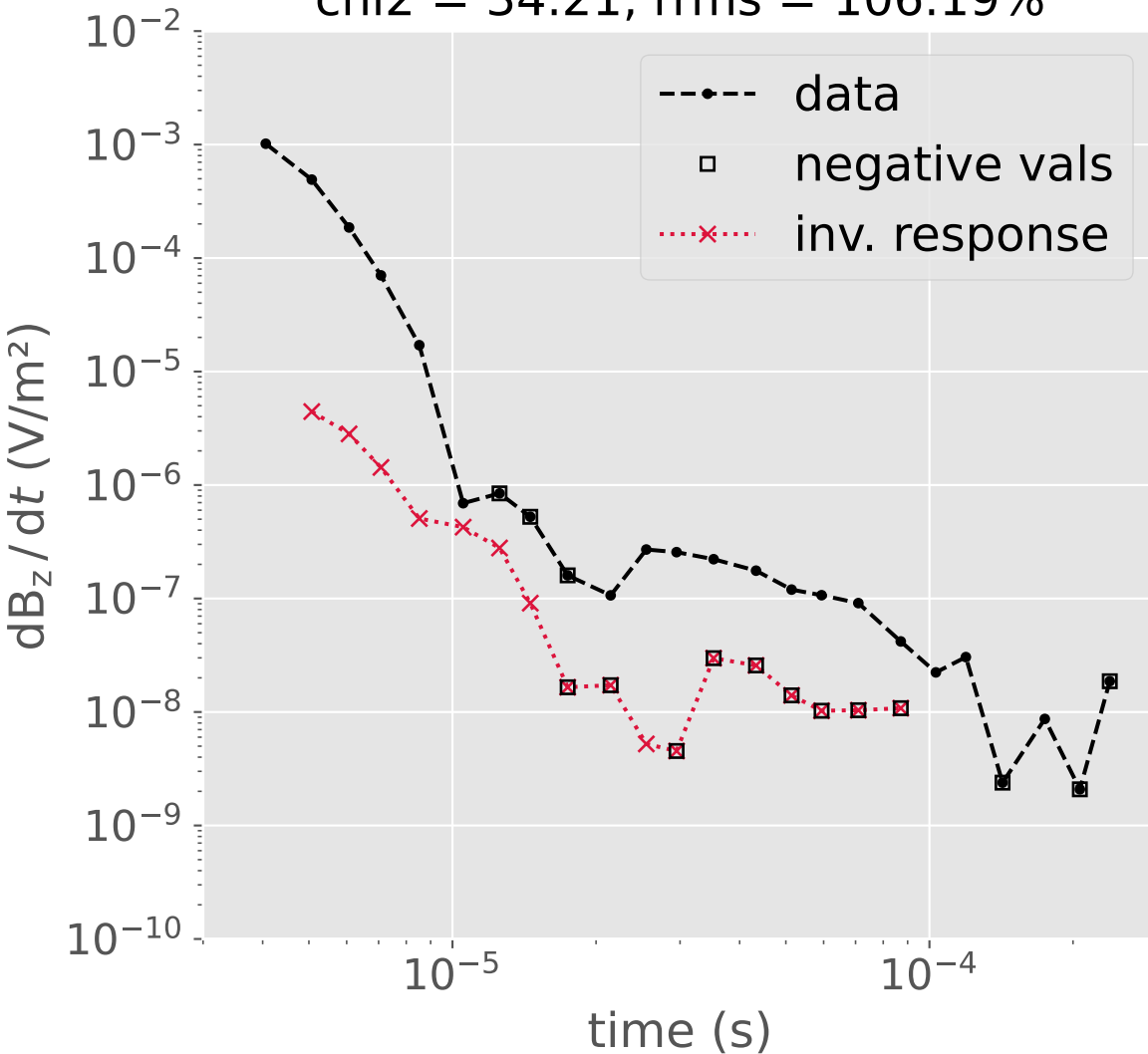
init. lam 500.0 cooling: 0.8, iters 13
fin. lam 22.0, noise floor = 14.000000000000000



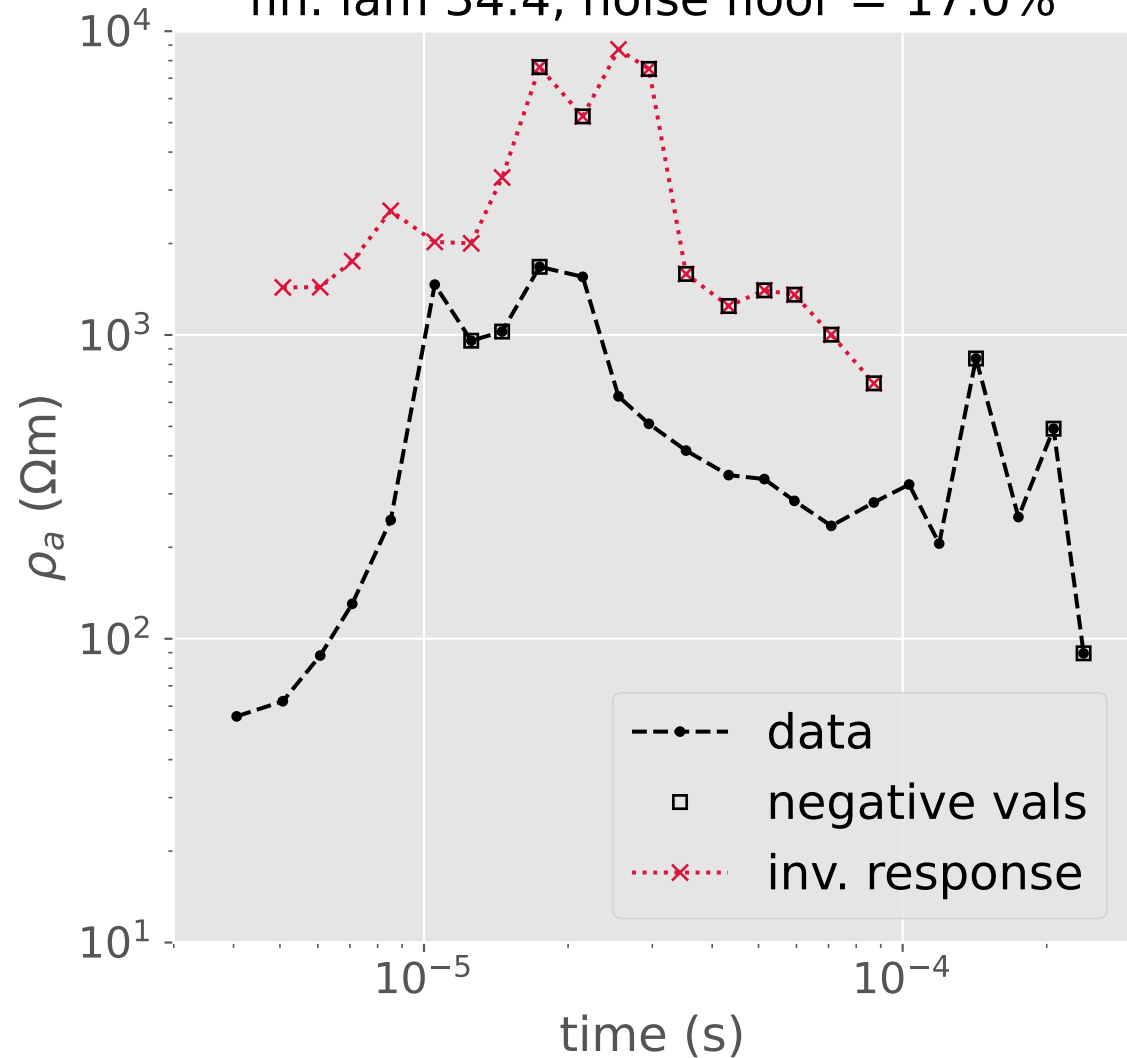


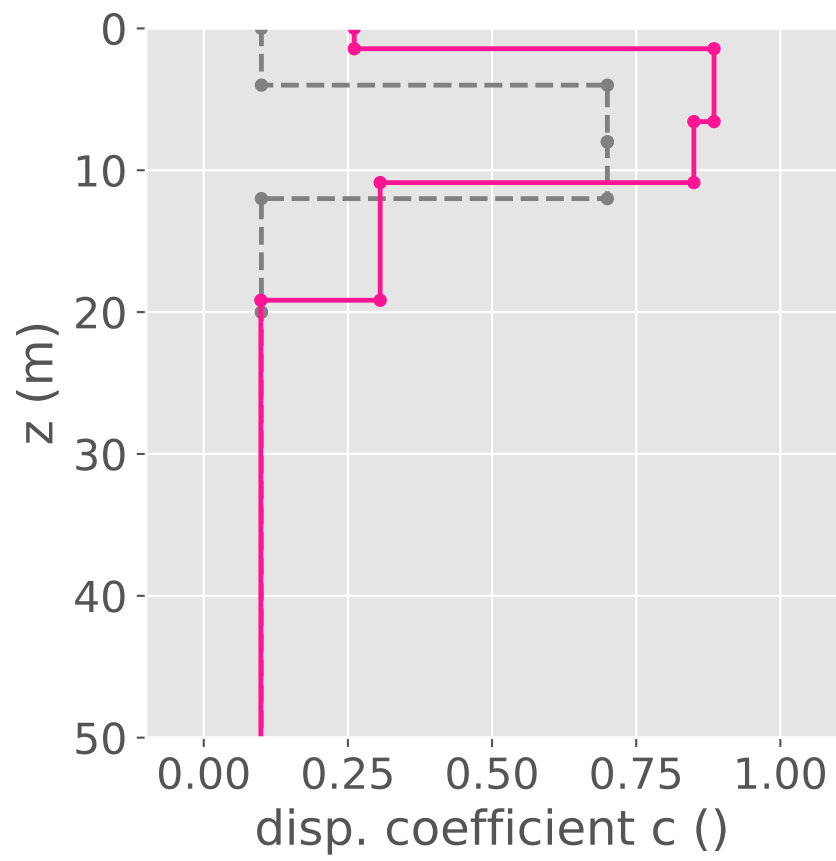
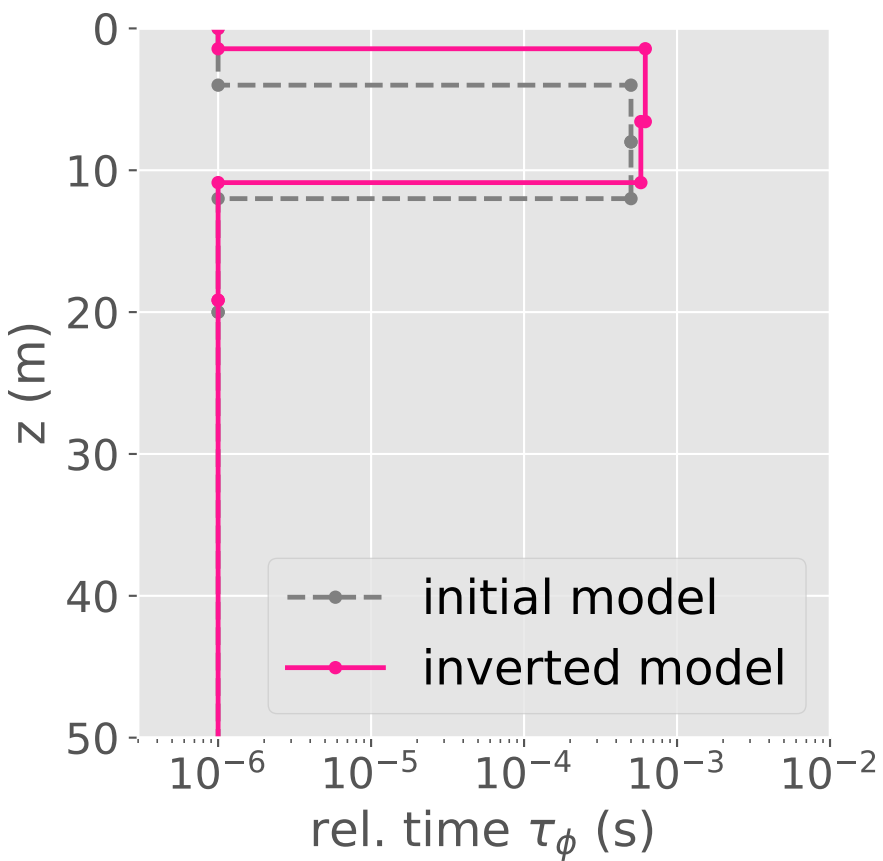
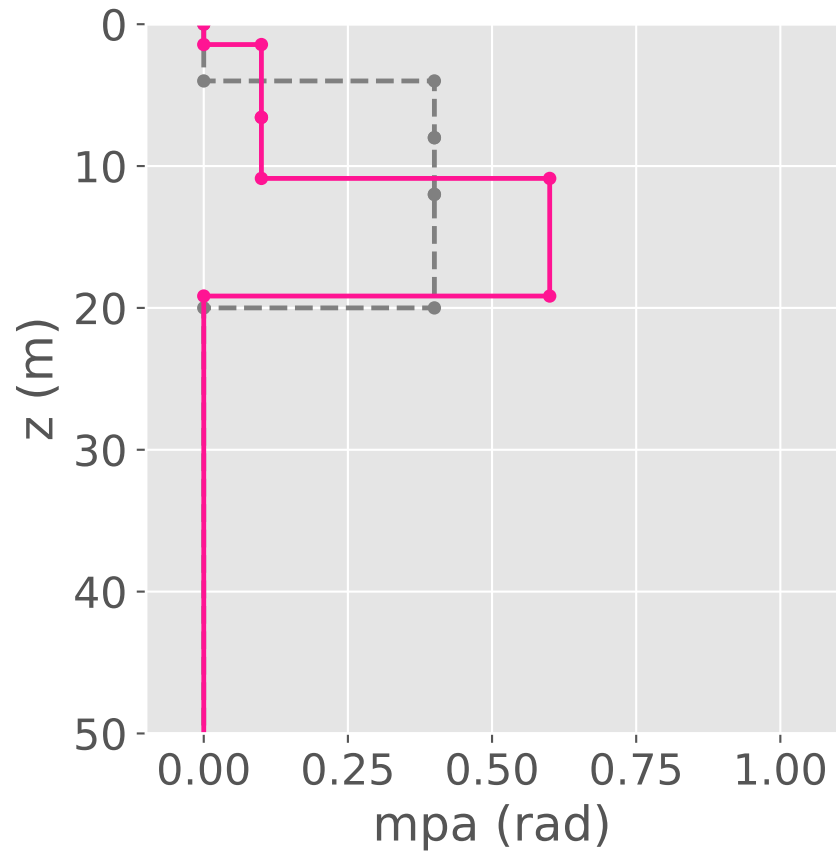
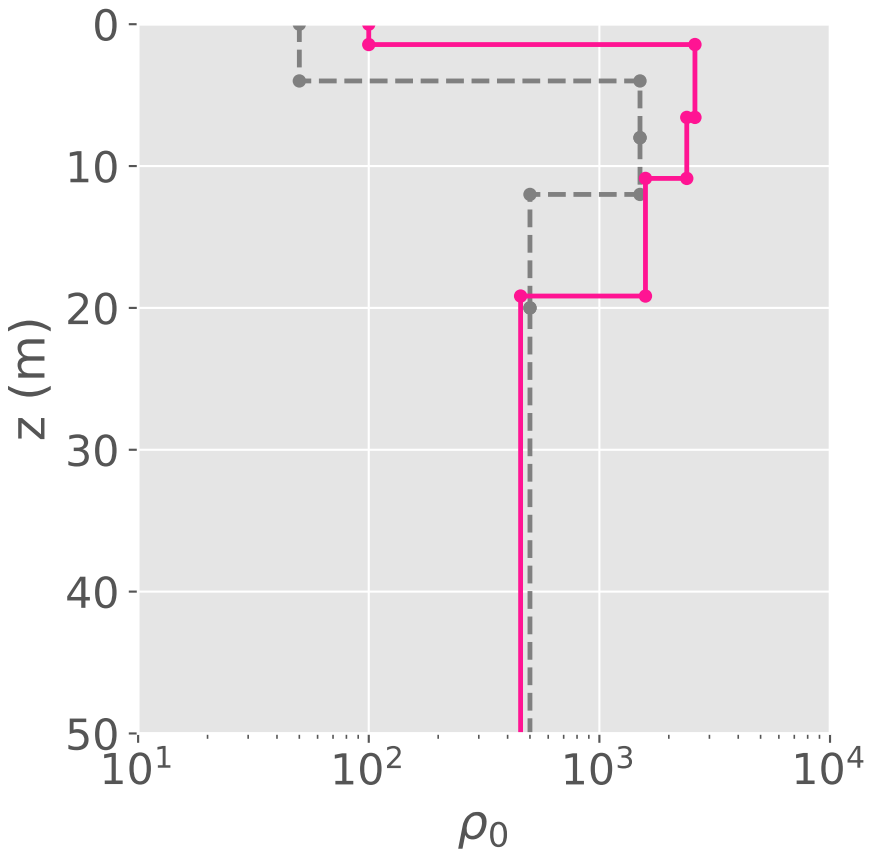


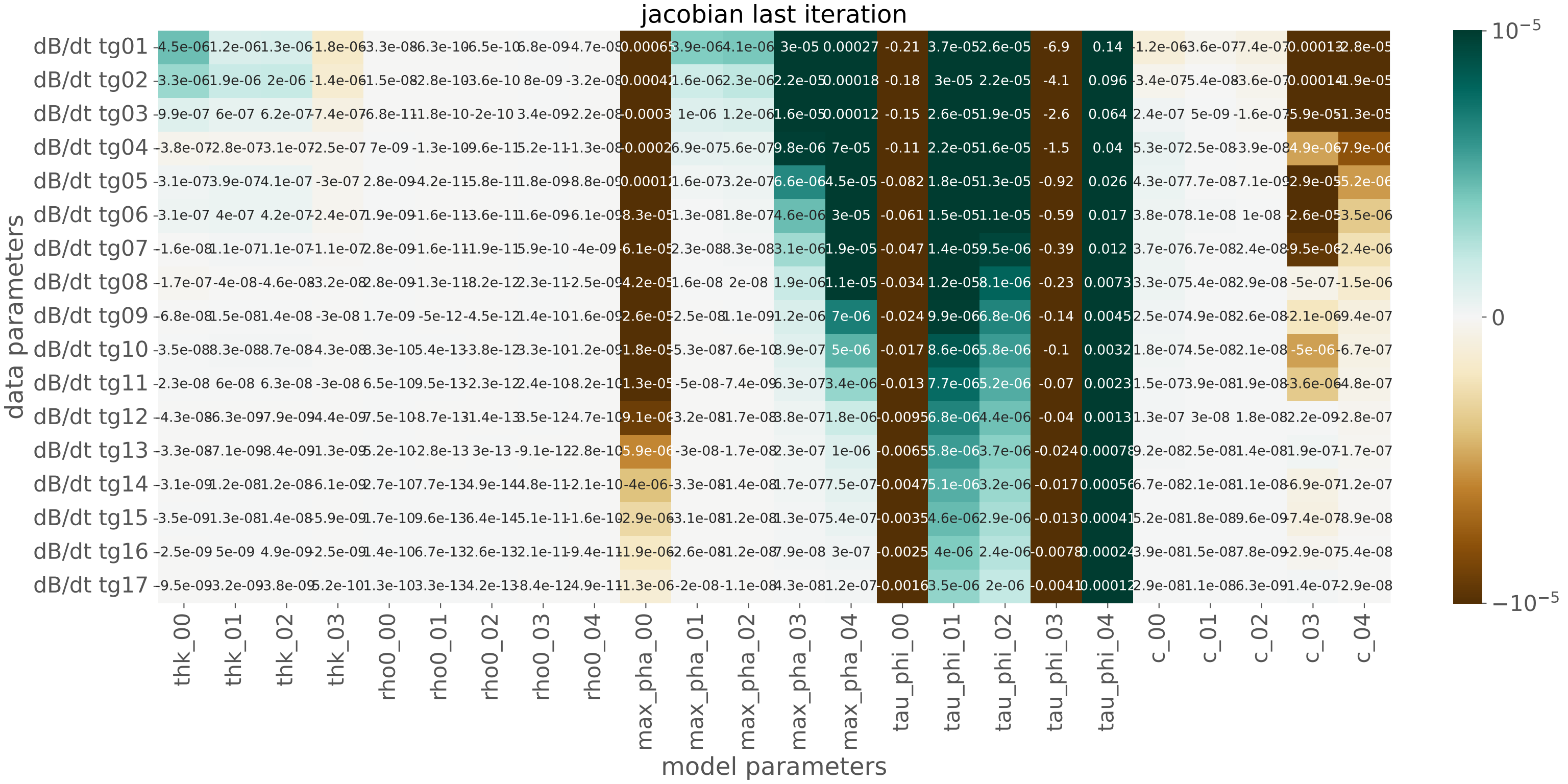
inv-run: 004, sndID: B038
chi2 = 34.21, rrms = 106.19%



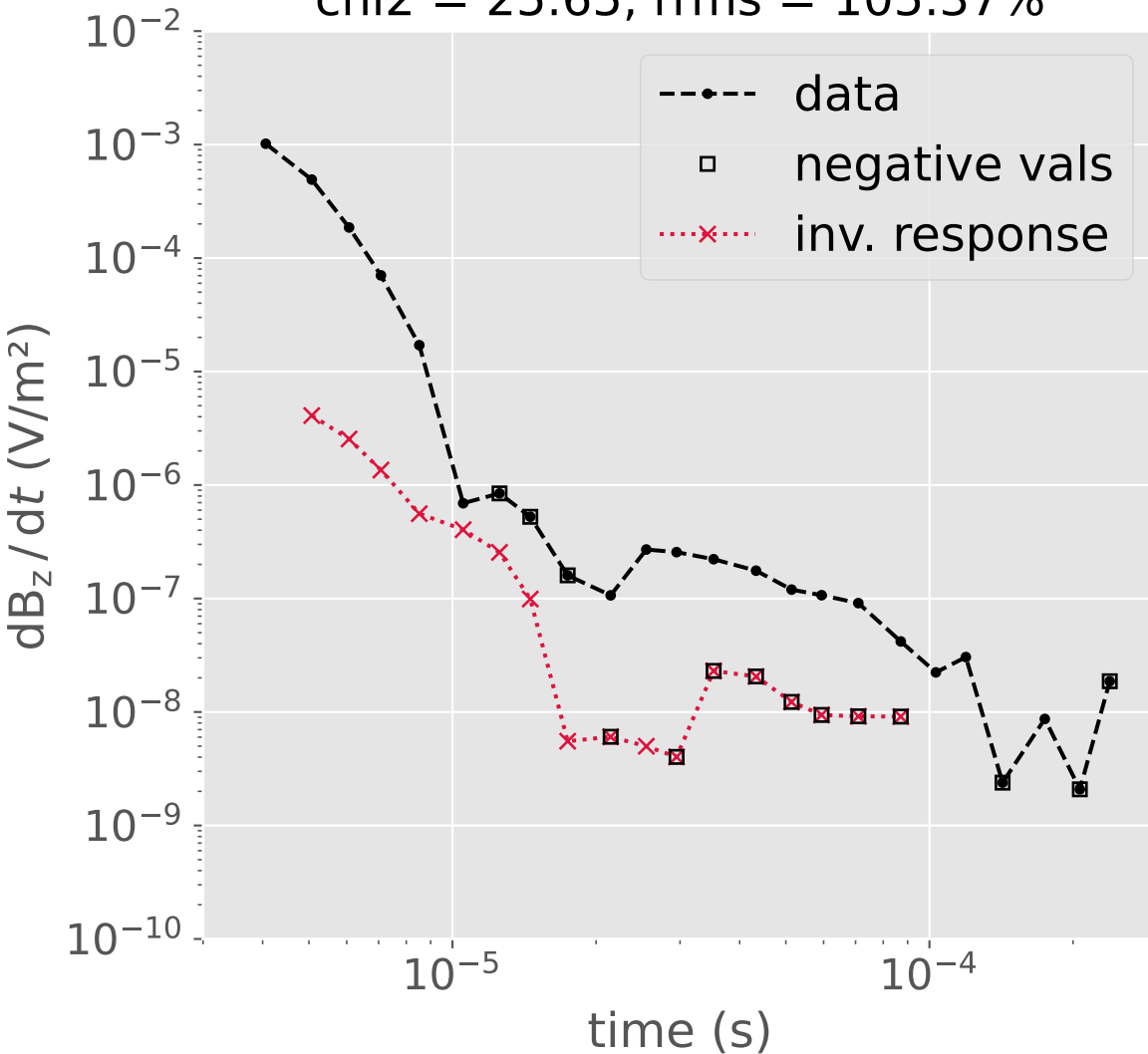
init. lam 500.0 cooling: 0.8, iters 11
fin. lam 34.4, noise floor = 17.0%



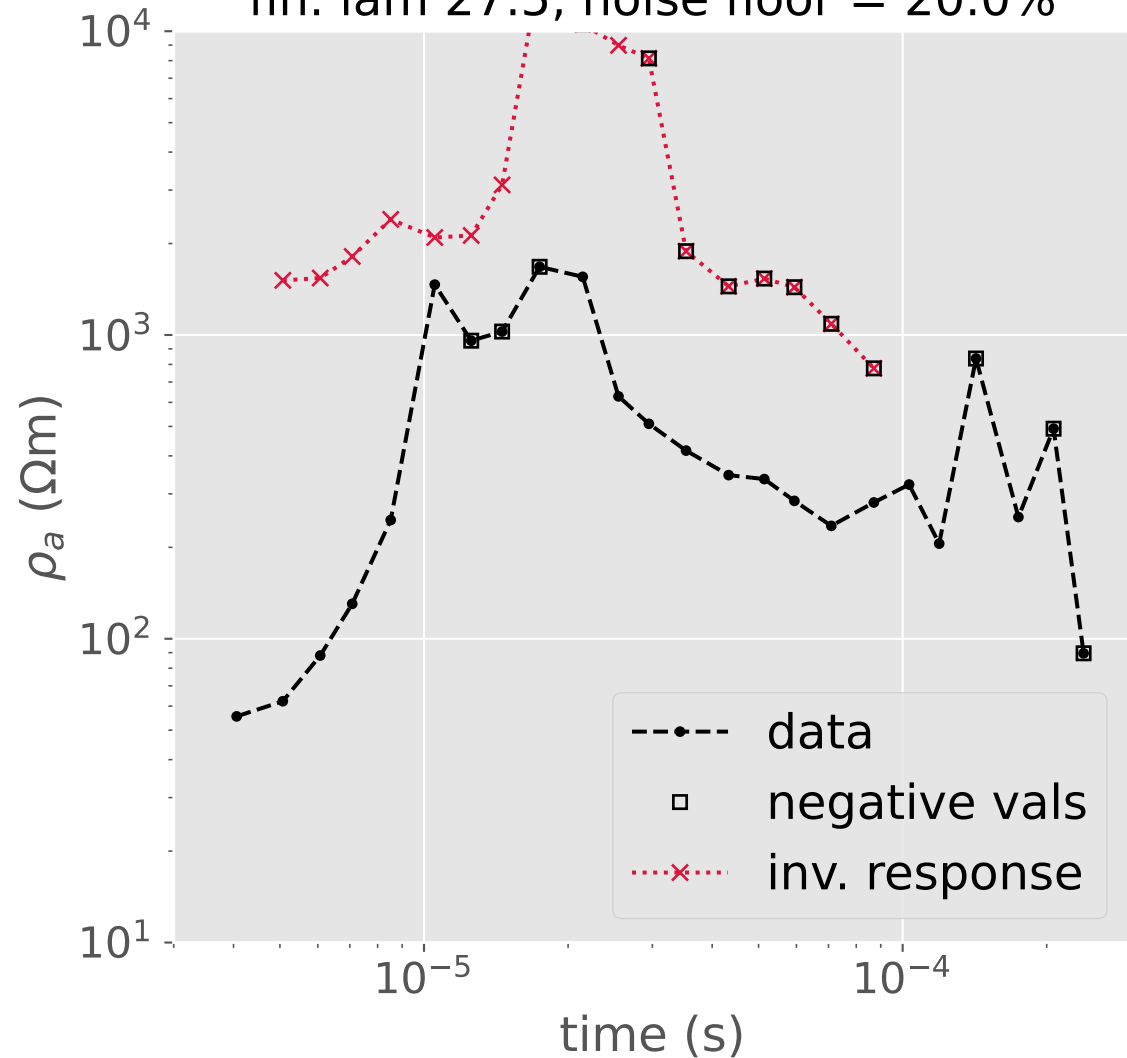


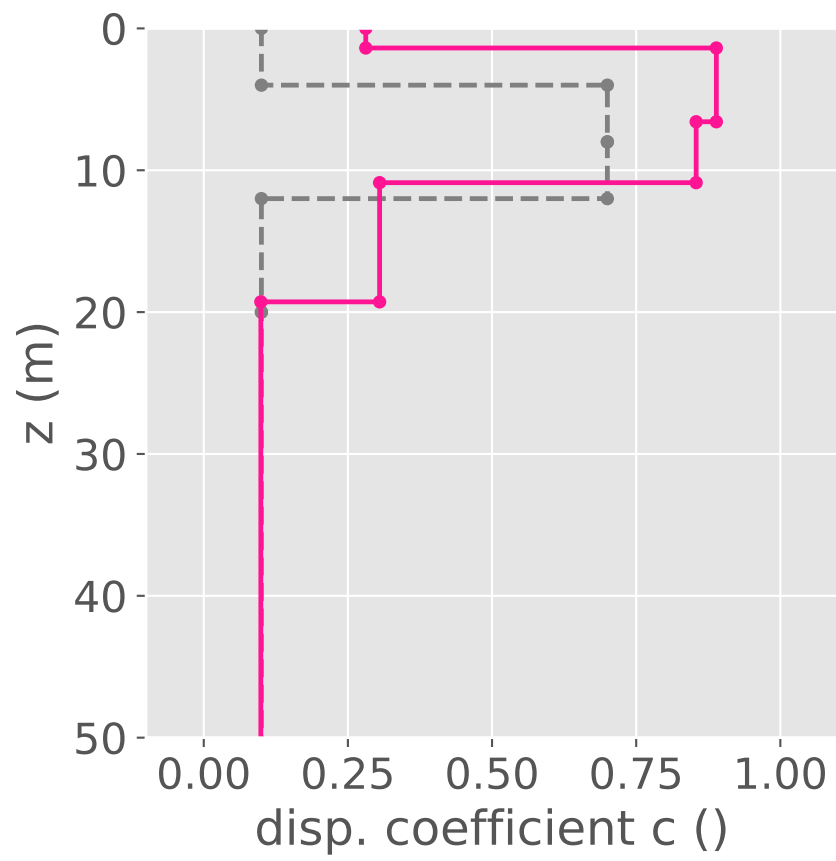
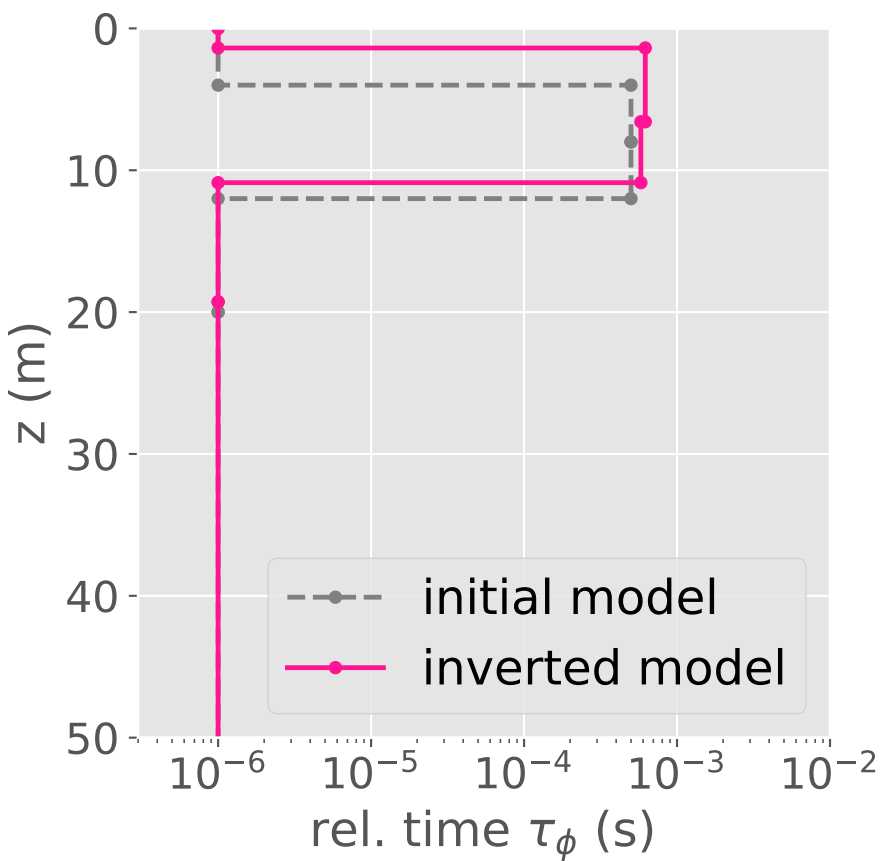
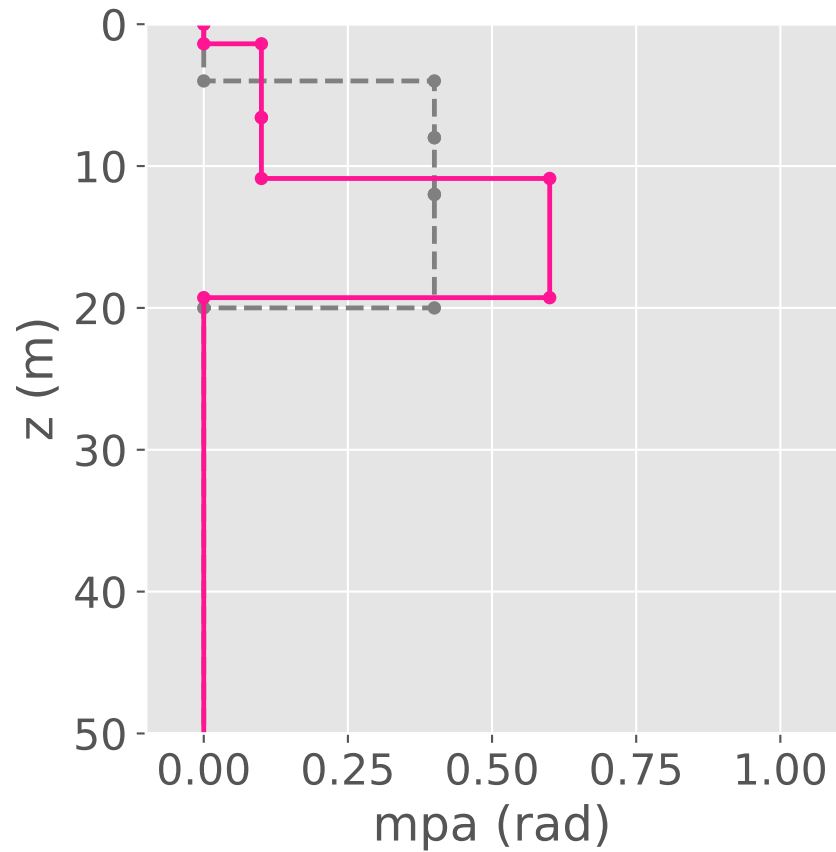
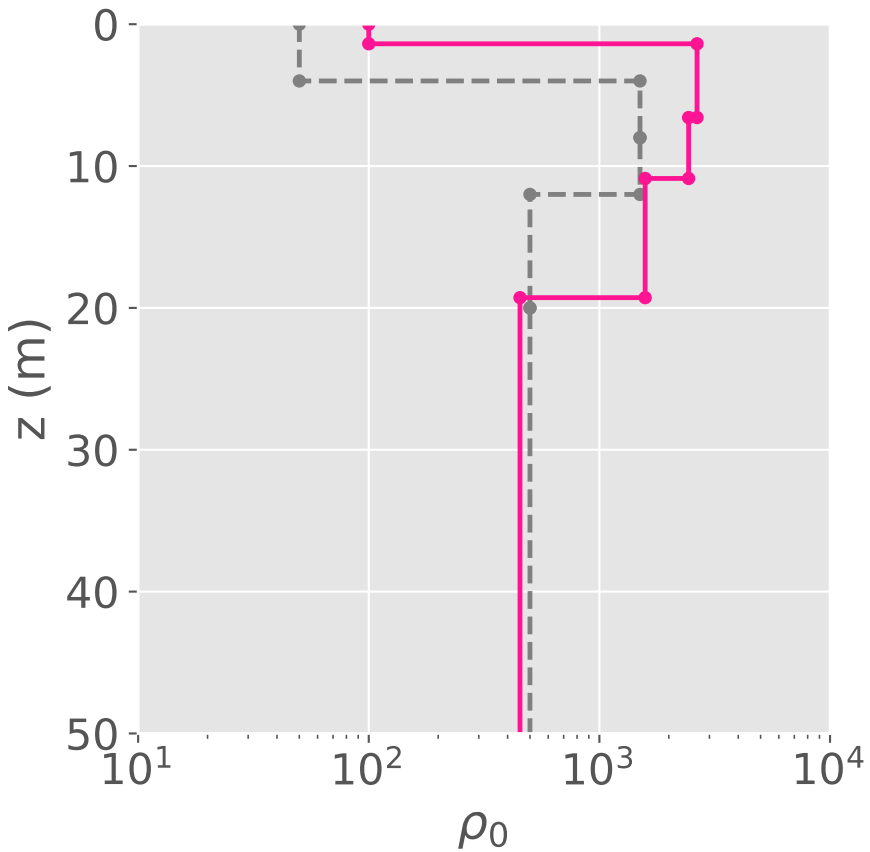


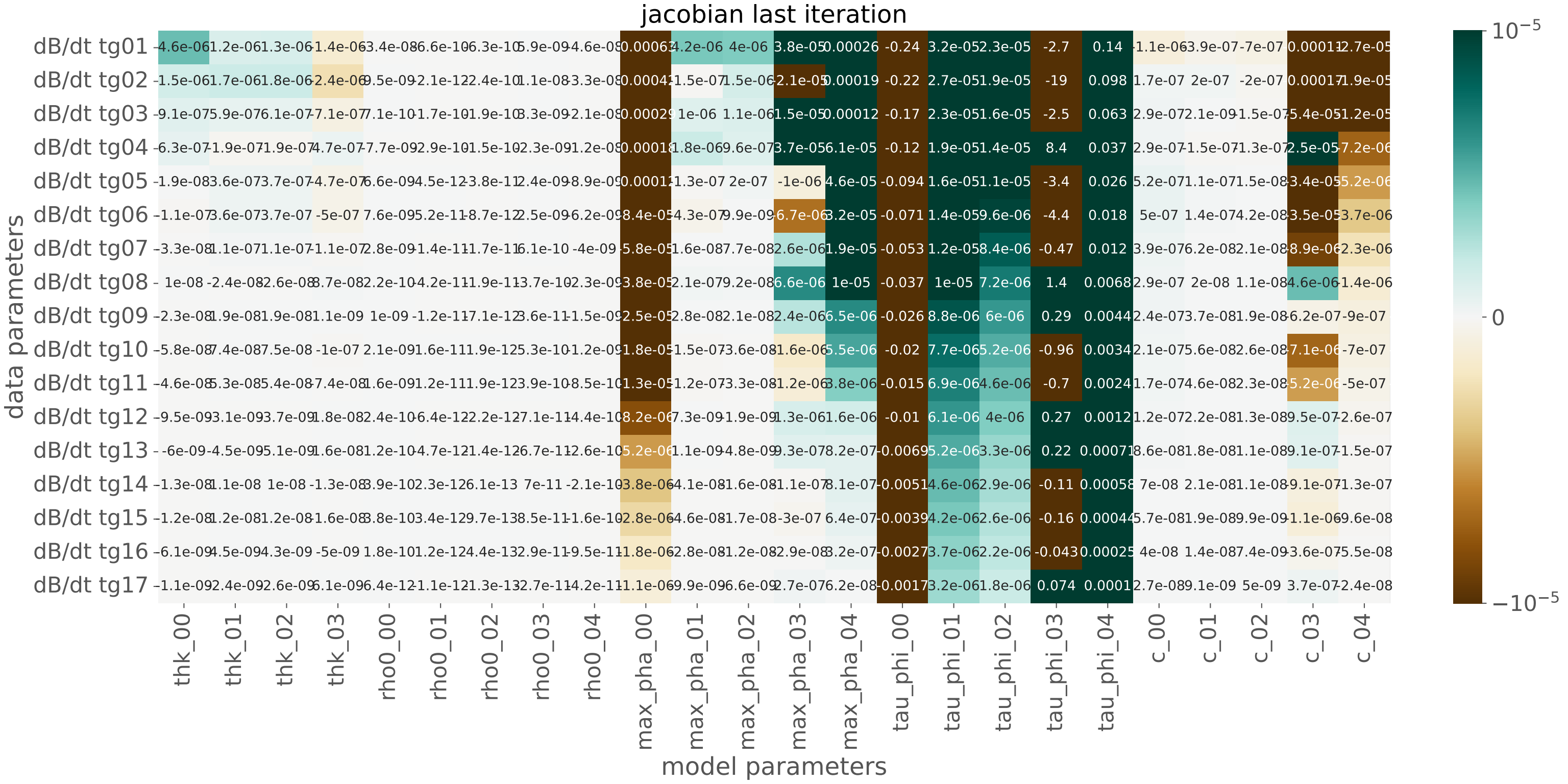
inv-run: 005, sndID: B038
chi2 = 25.65, rrms = 105.37%



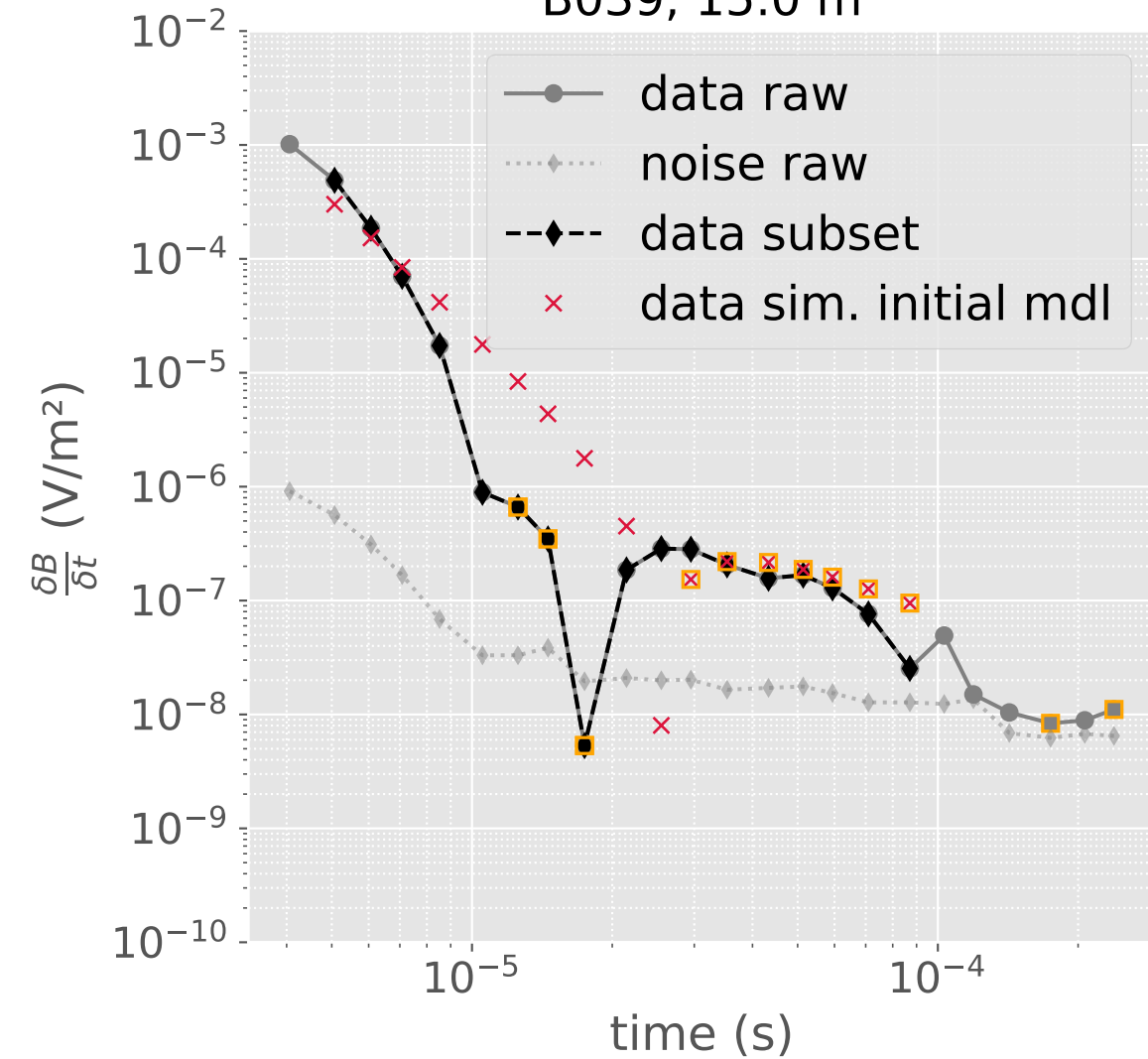
init. lam 500.0 cooling: 0.8, iters 12
fin. lam 27.5, noise floor = 20.0%



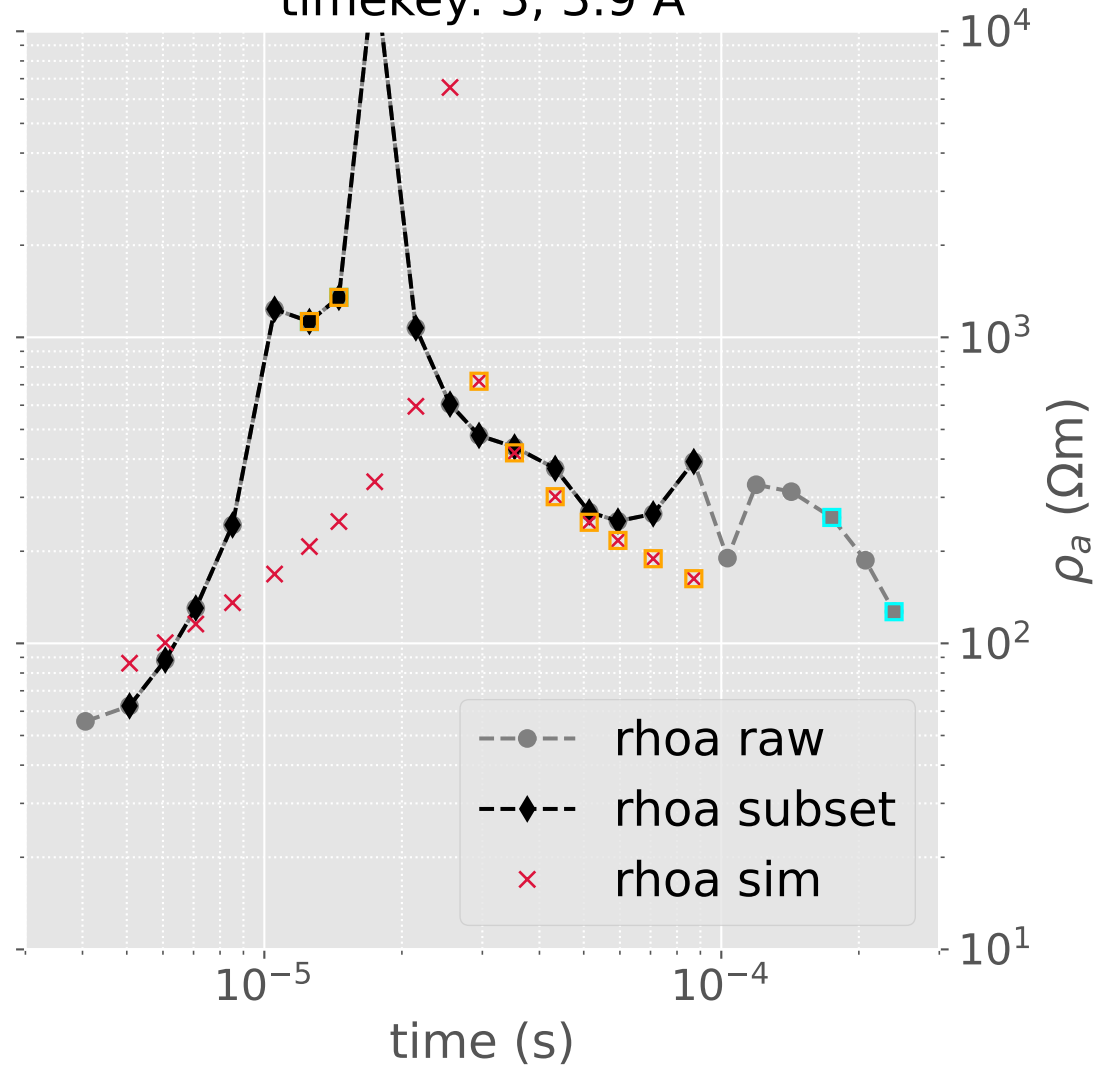




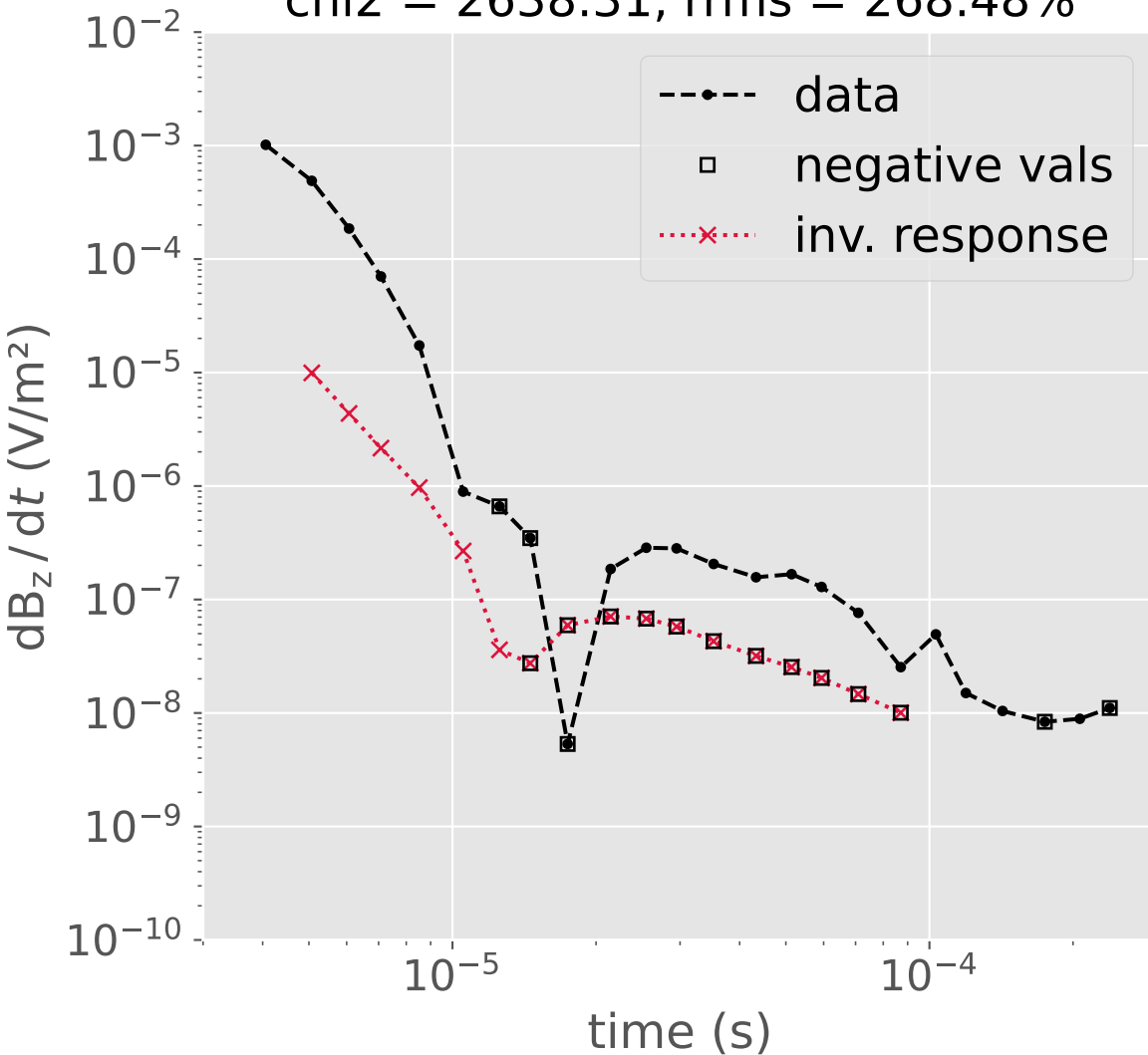
B039, 15.0 m



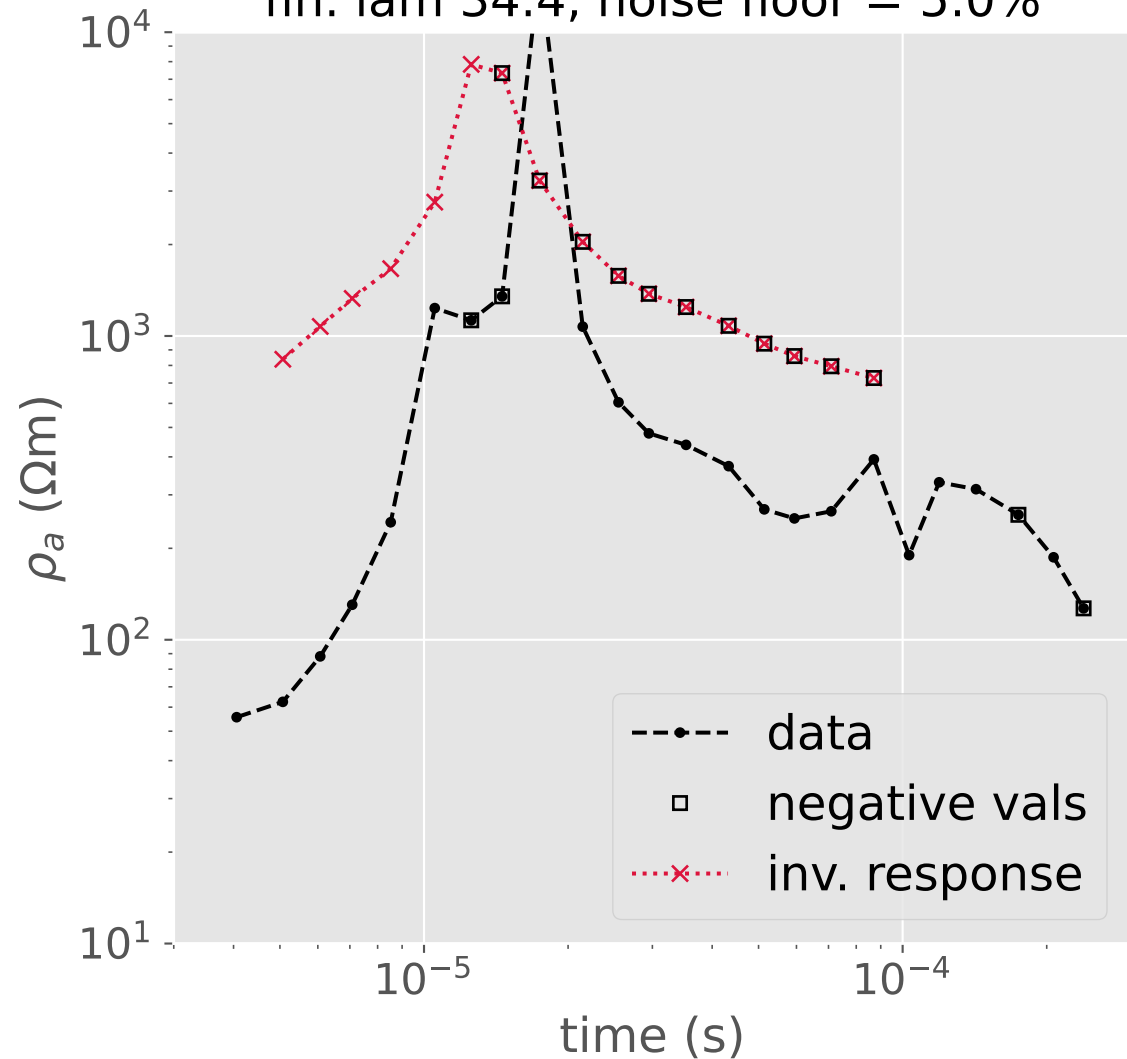
timekey: 3, 3.9 A

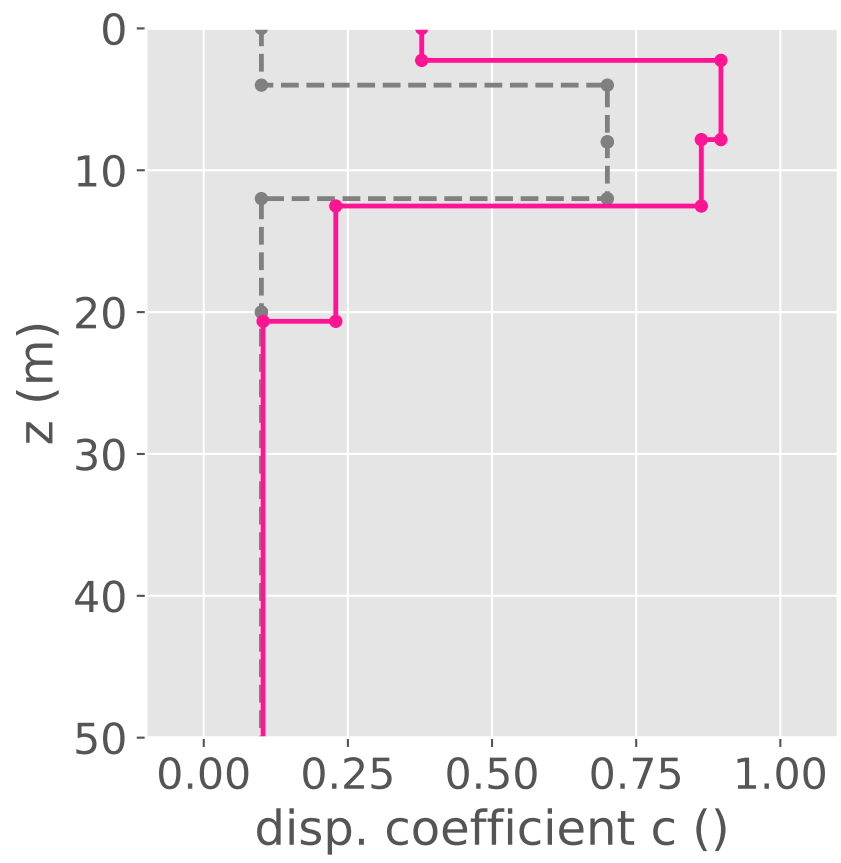
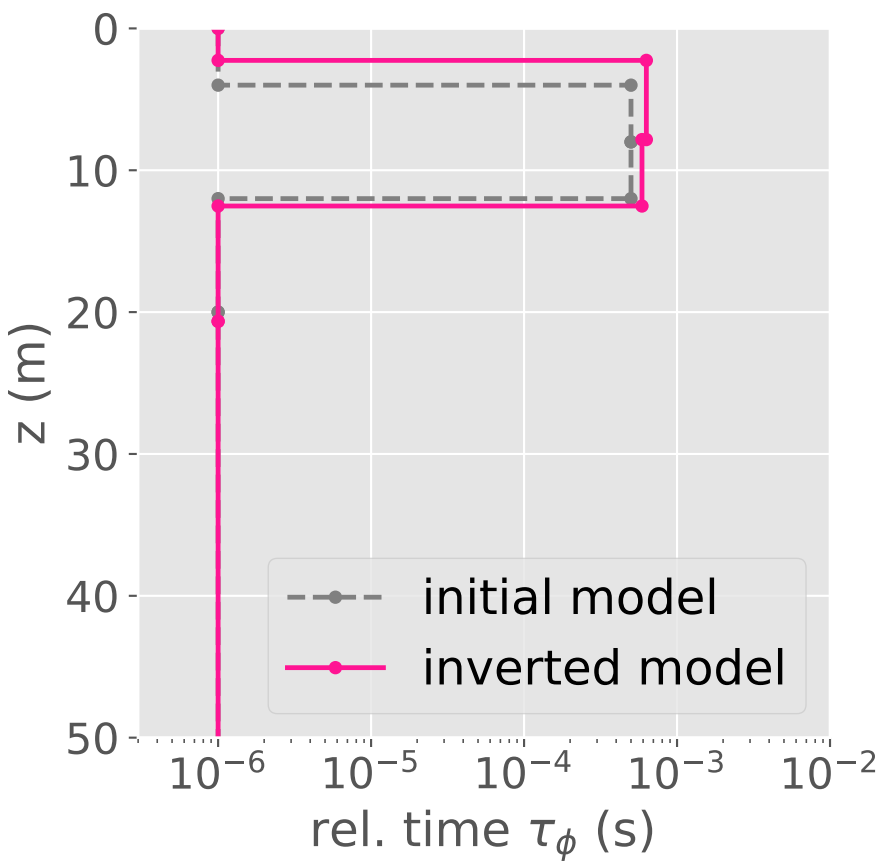
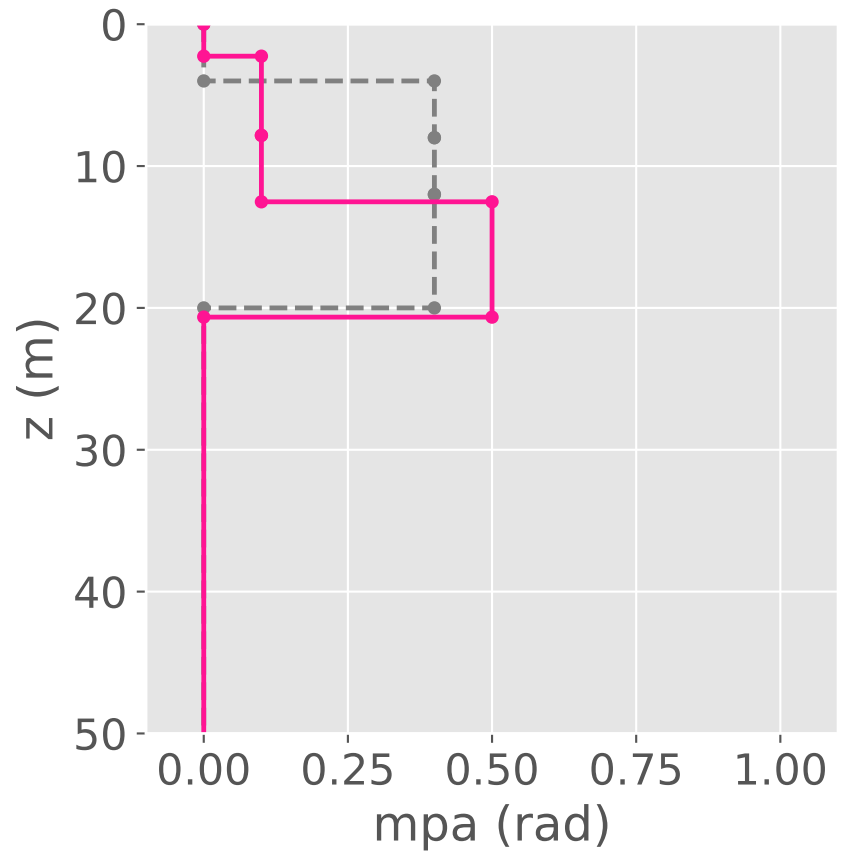
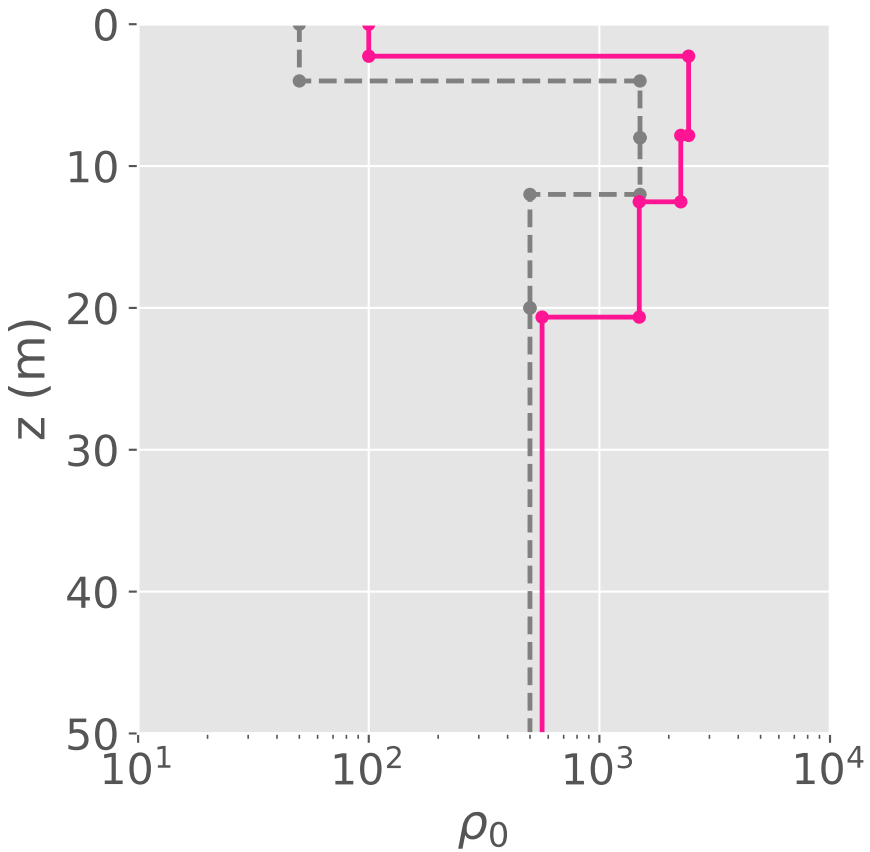


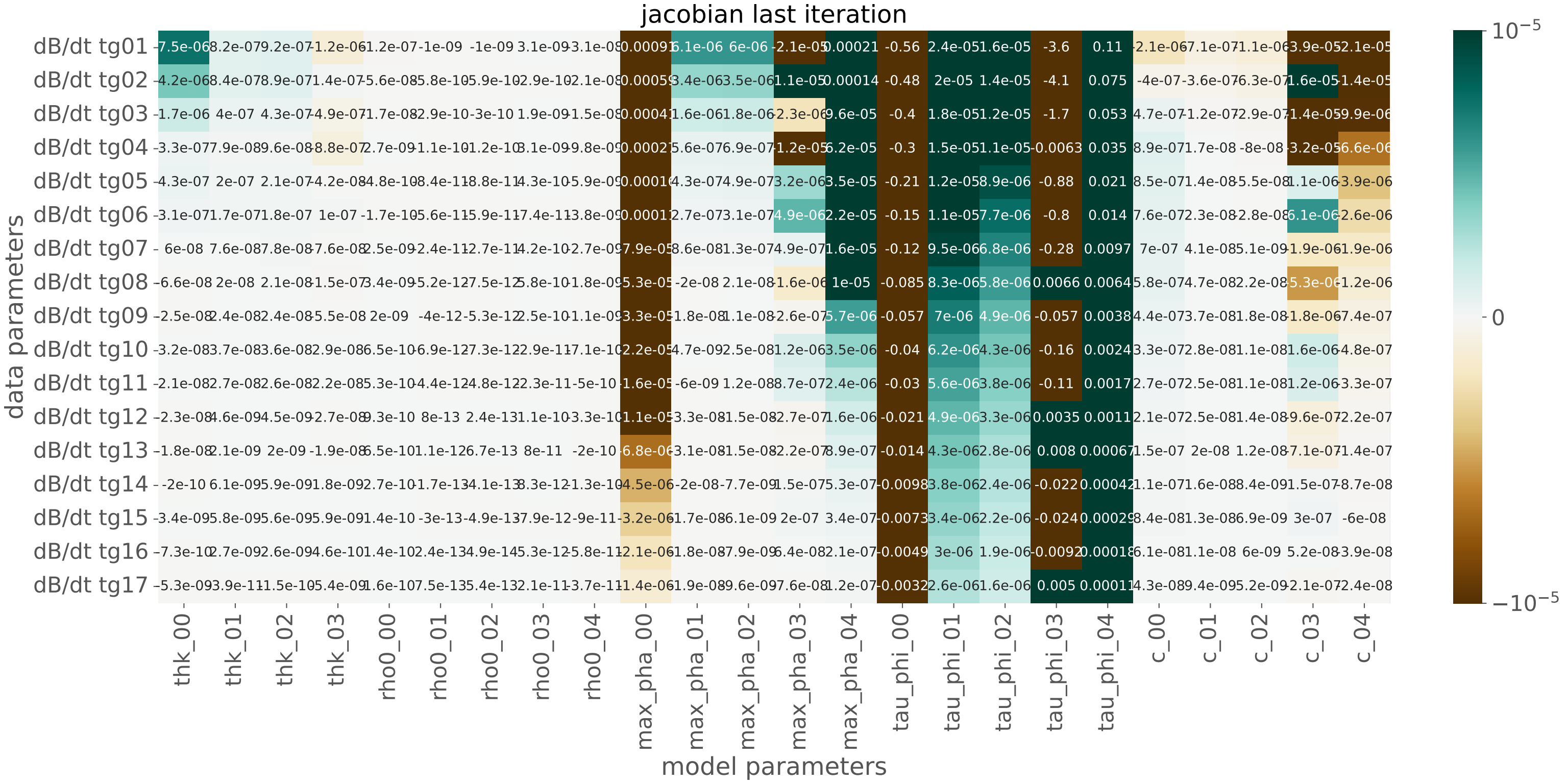
inv-run: 000, sndID: B039
chi2 = 2638.31, rrms = 268.48%



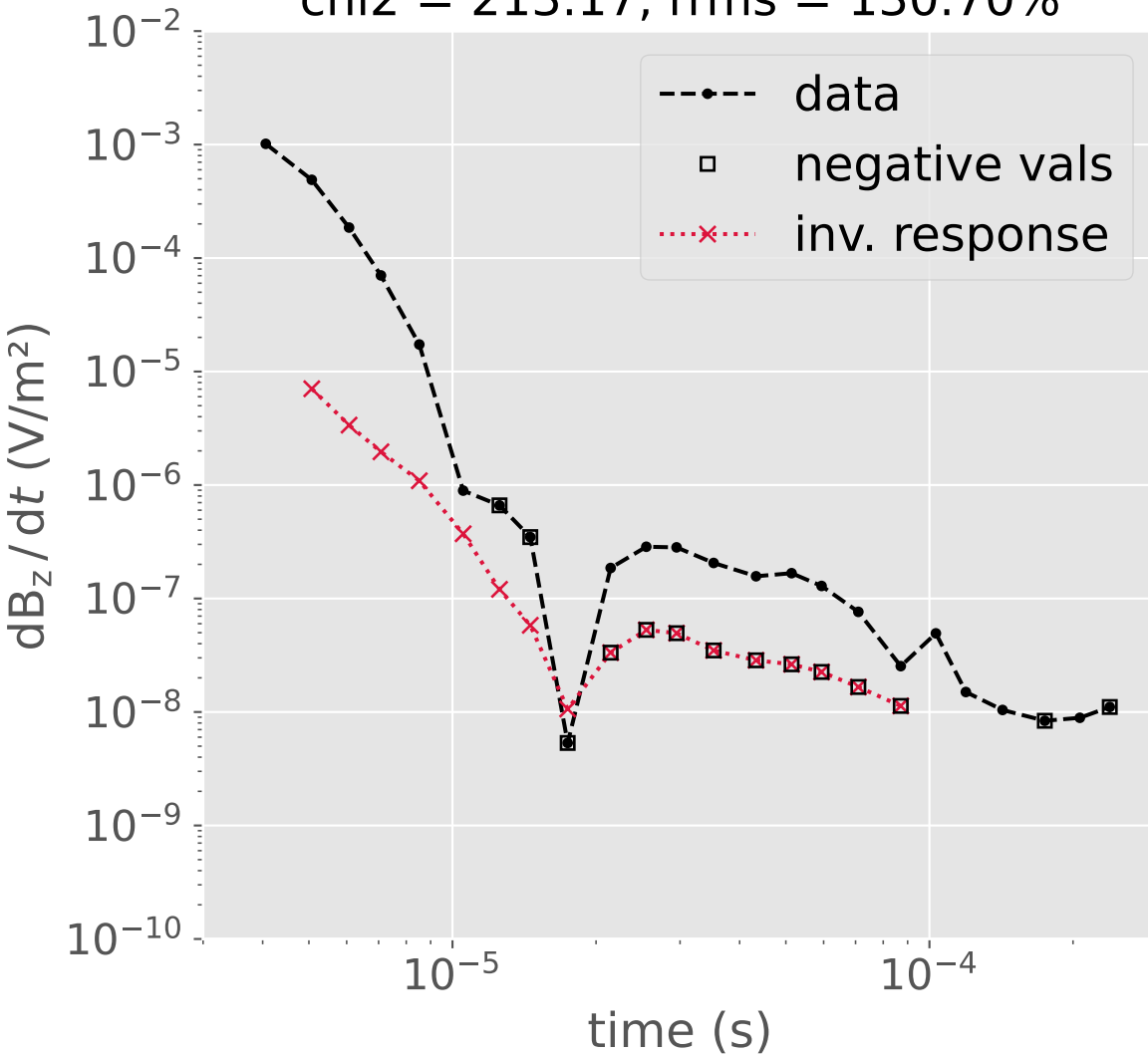
init. lam 500.0 cooling: 0.8, iters 11
fin. lam 34.4, noise floor = 5.0%



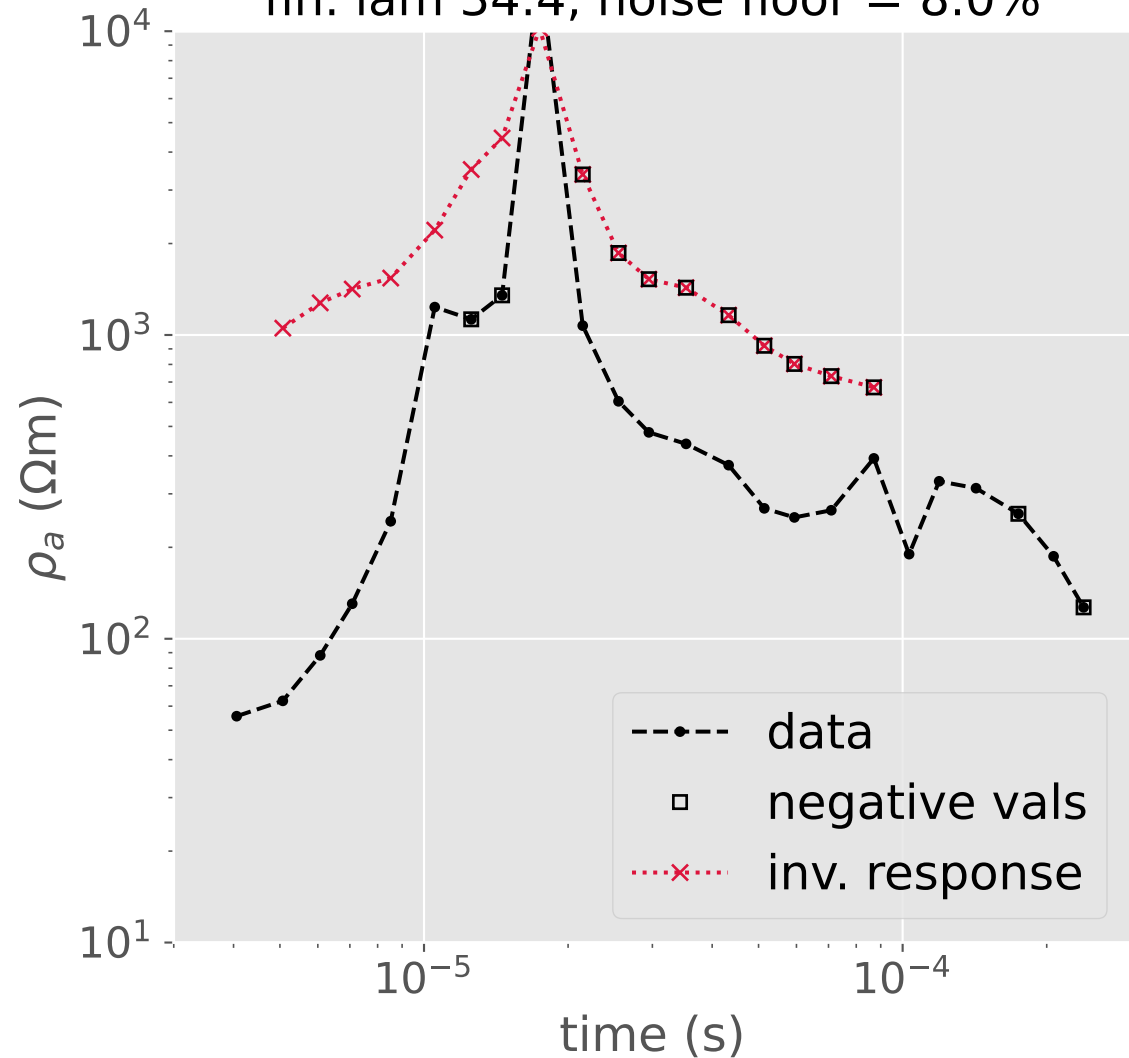


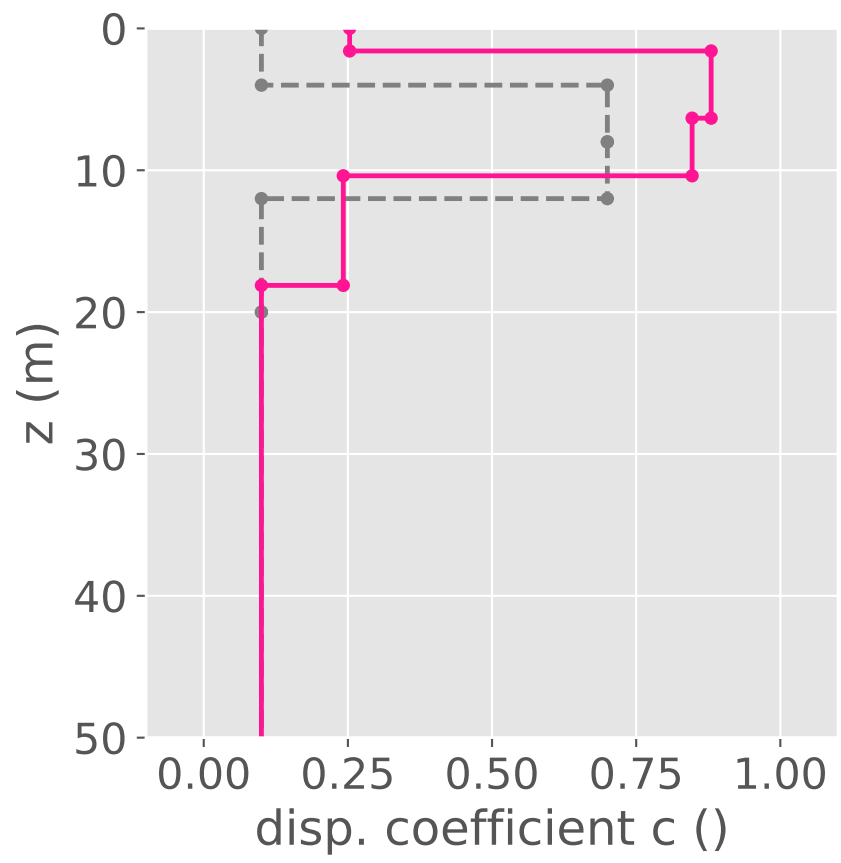
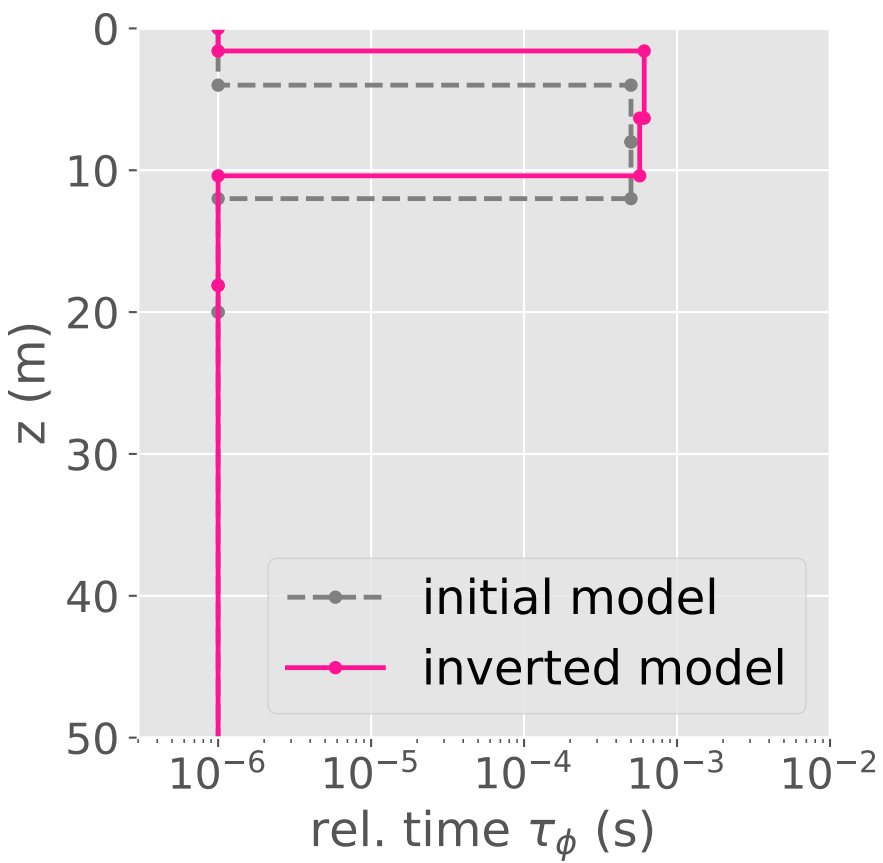
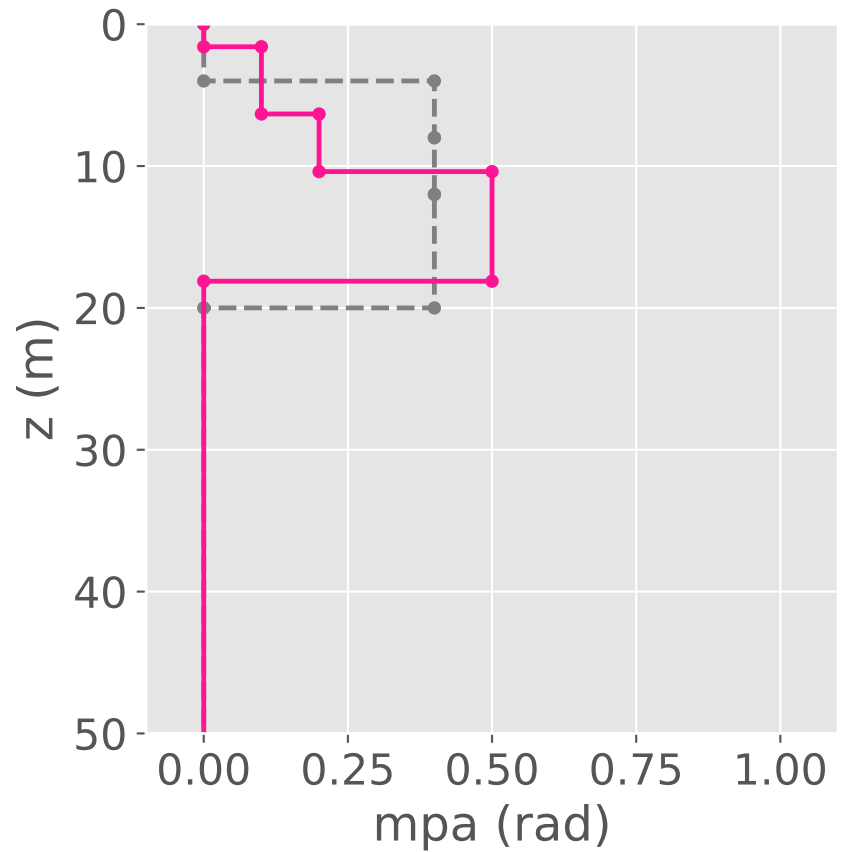
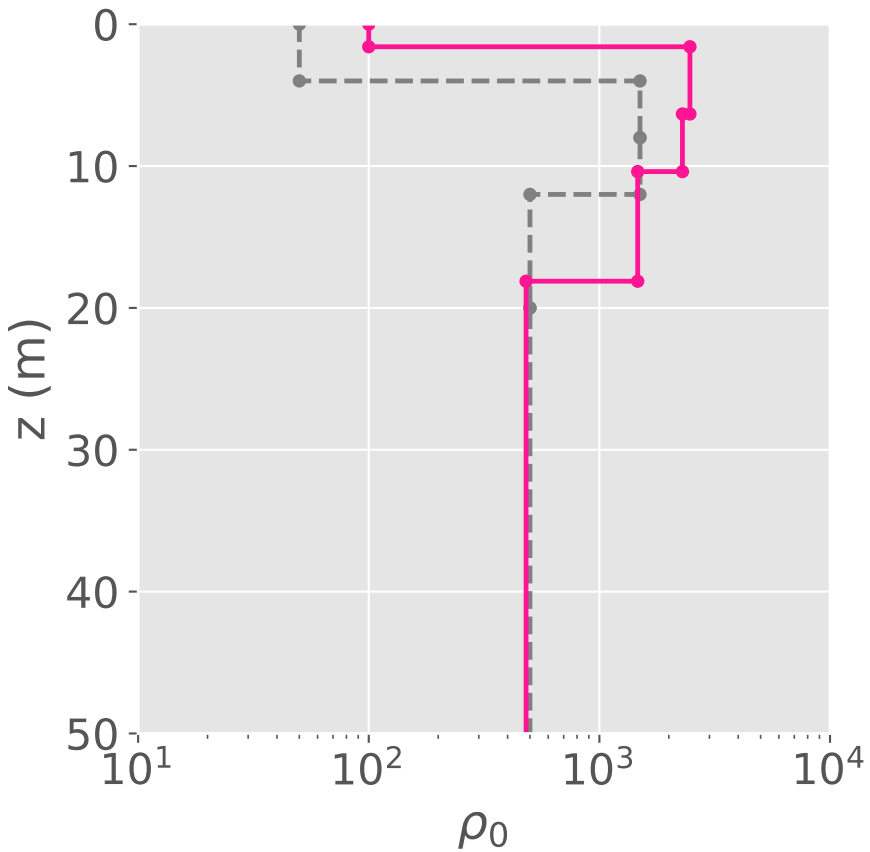


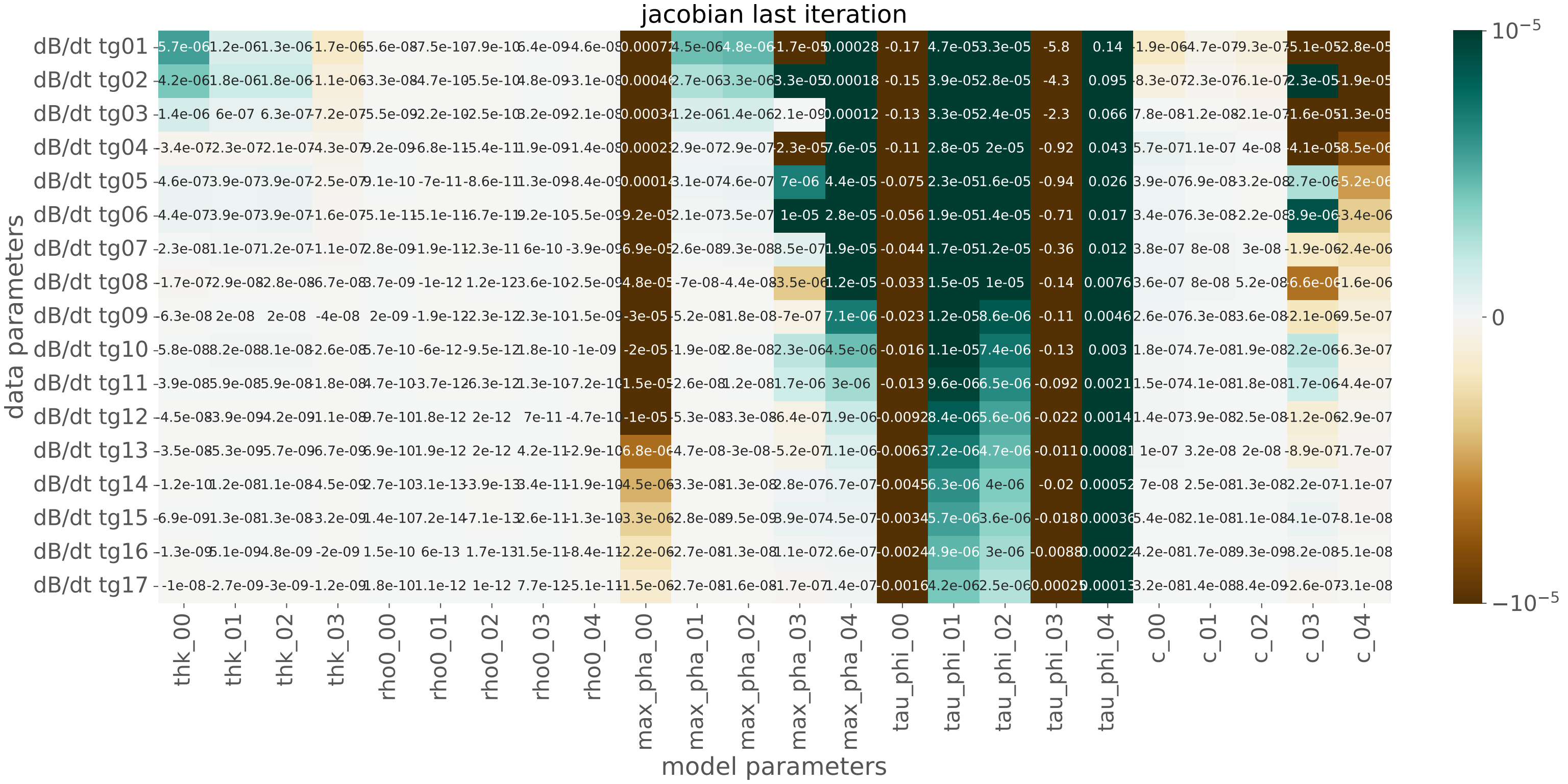
inv-run: 001, sndID: B039
chi2 = 213.17, rrms = 130.70%



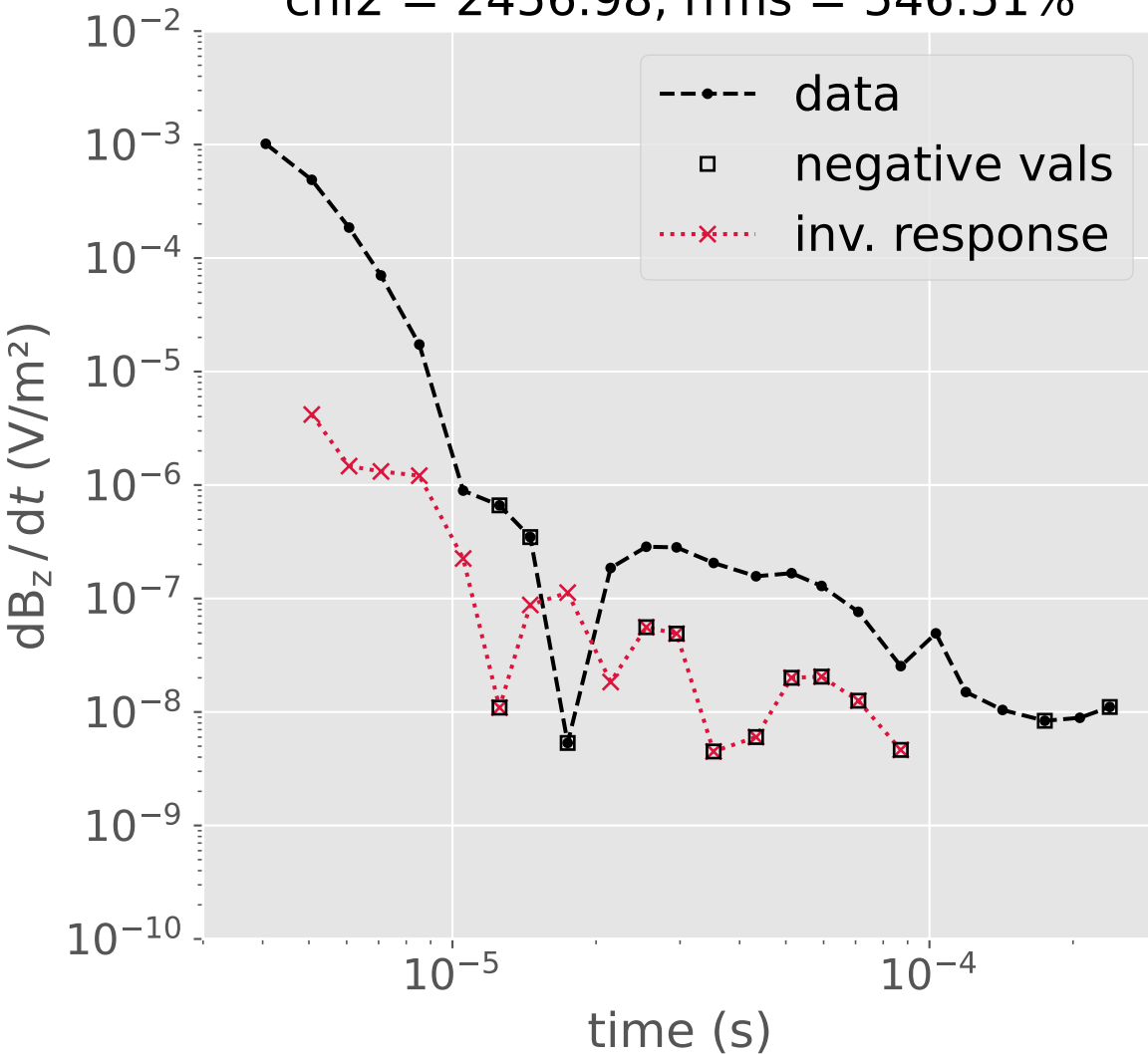
init. lam 500.0 cooling: 0.8, iters 11
fin. lam 34.4, noise floor = 8.0%



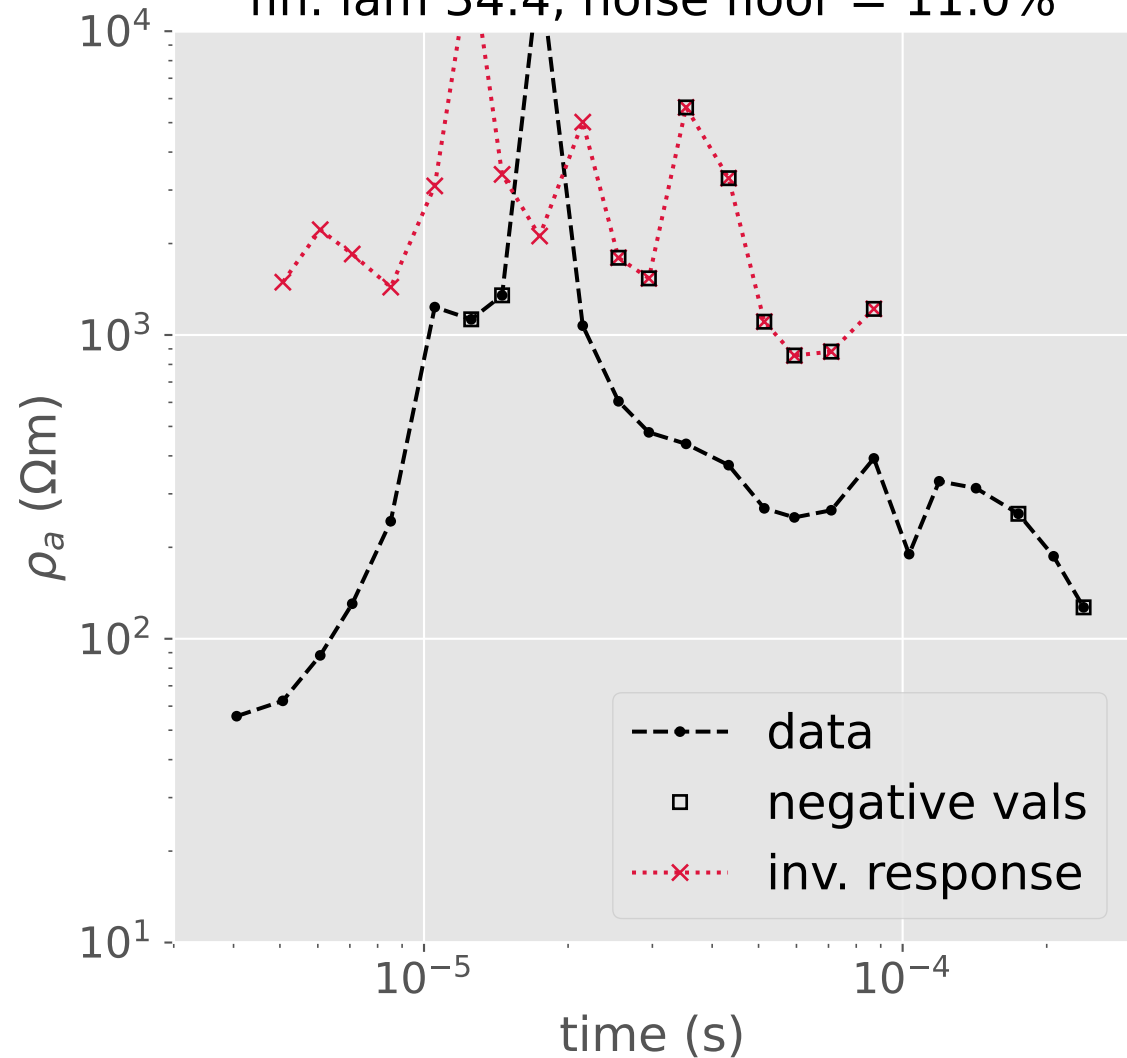


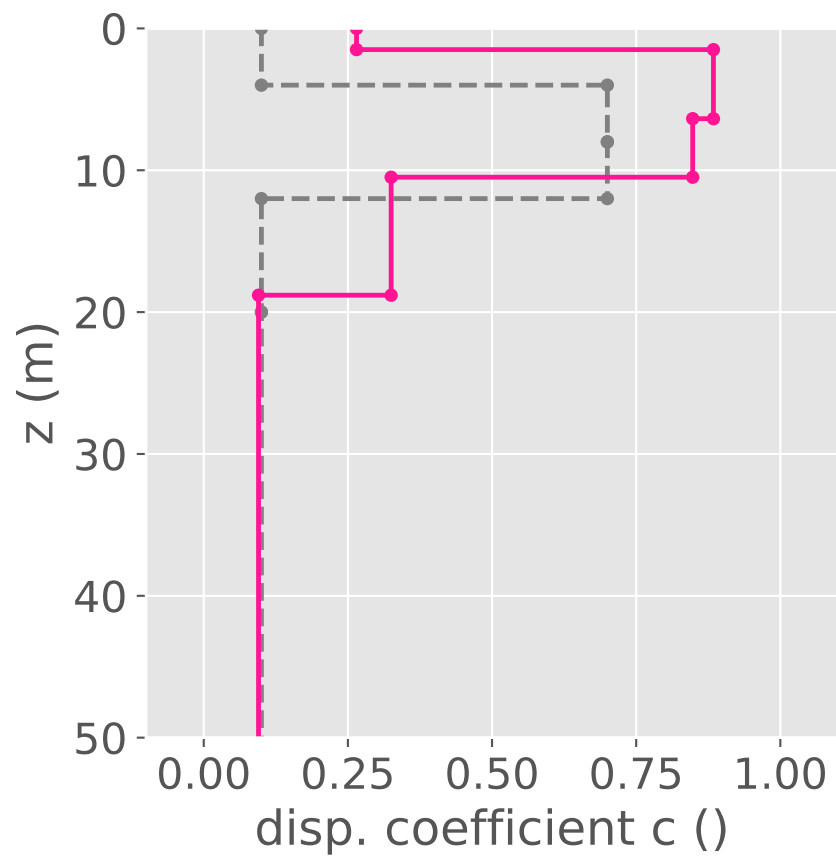
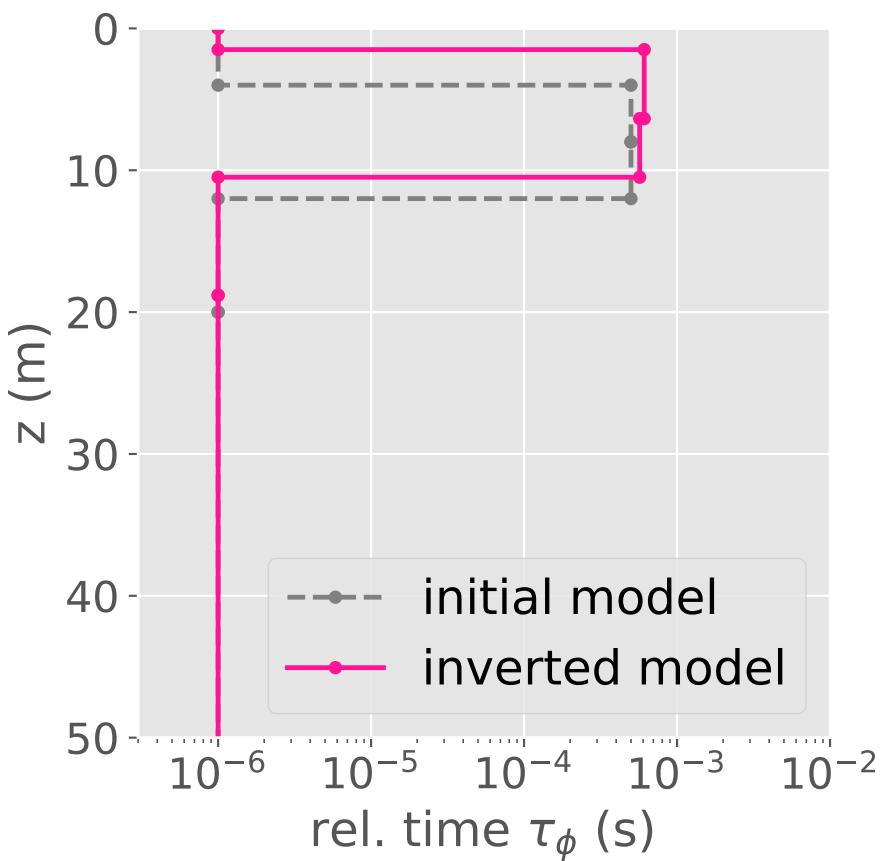
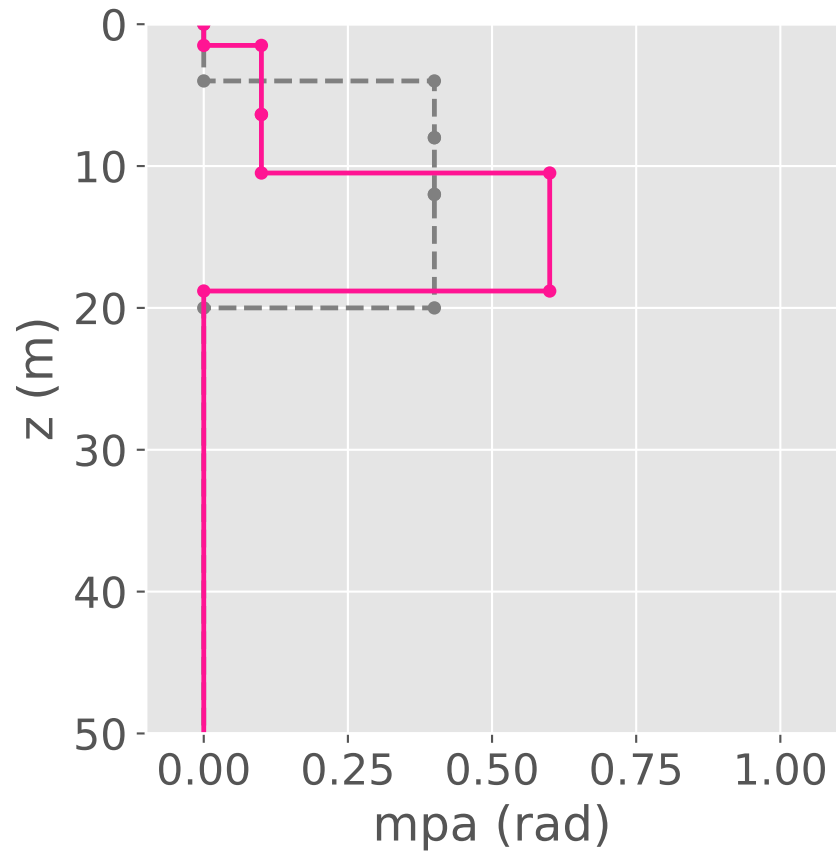
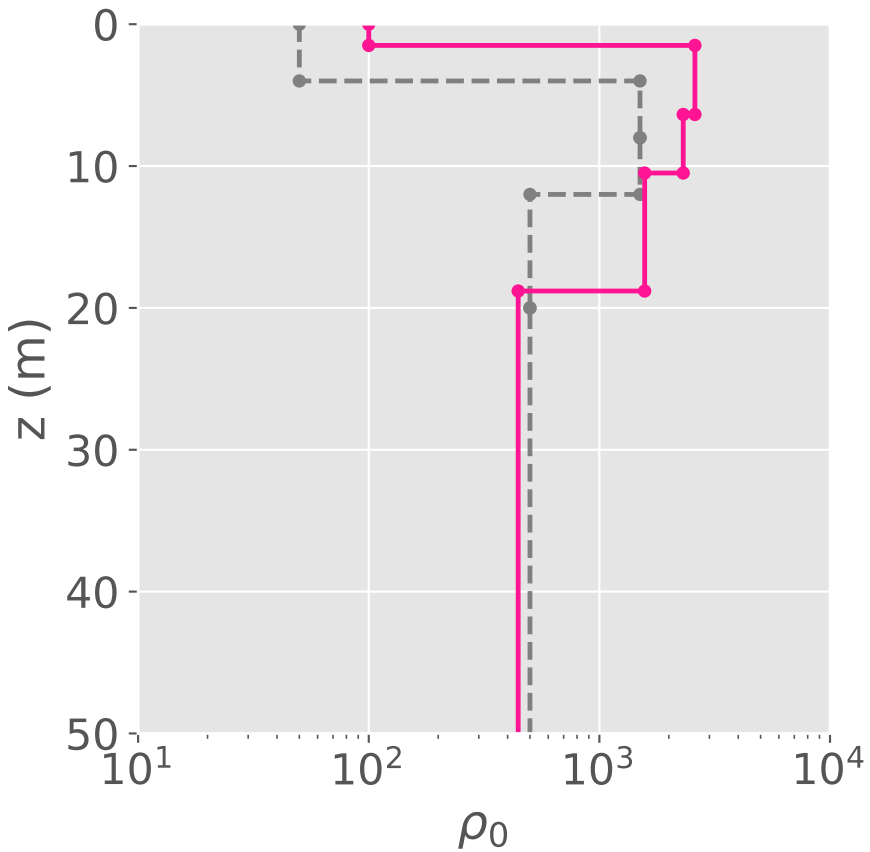


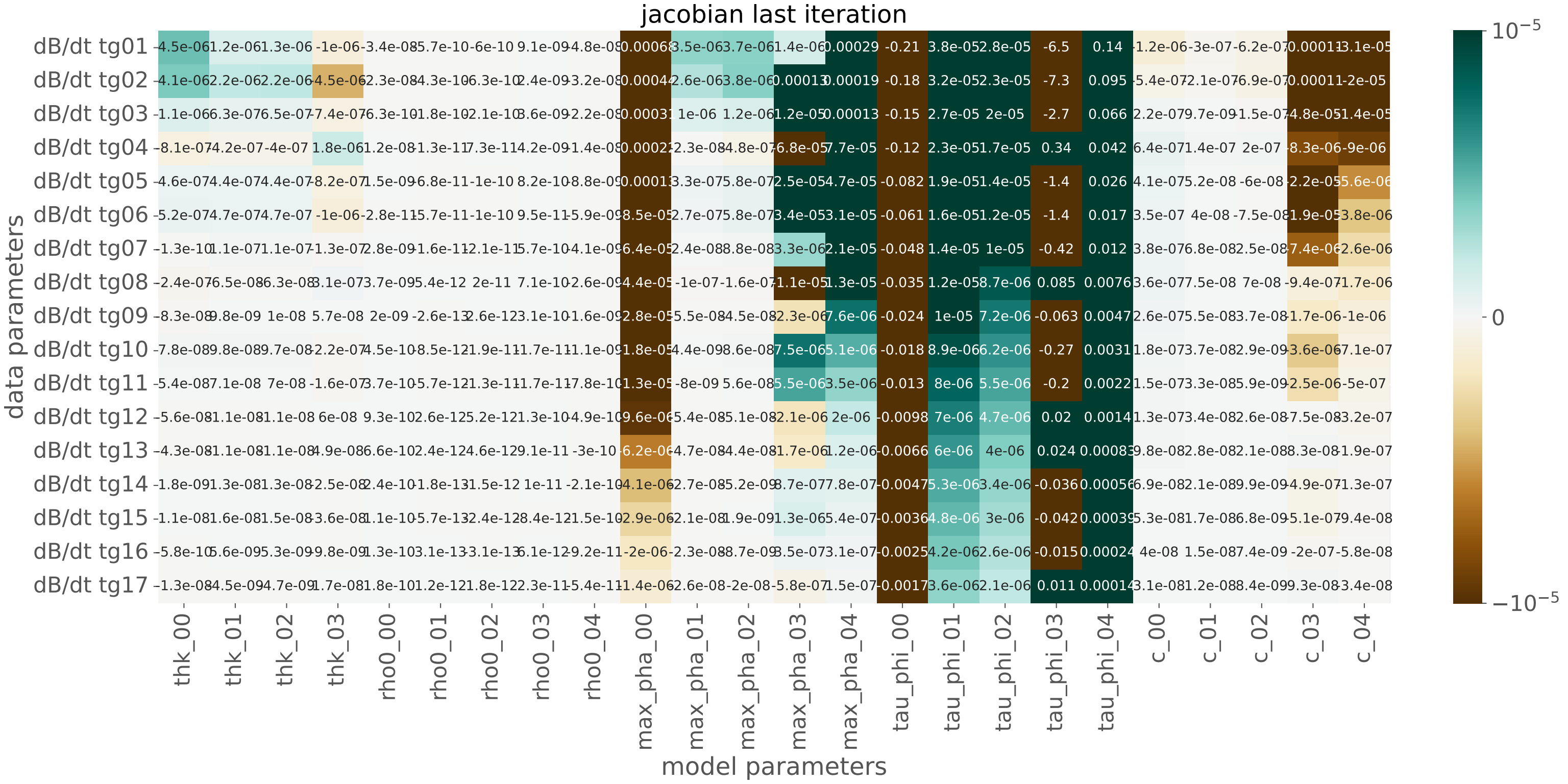
inv-run: 002, sndID: B039
chi2 = 2456.98, rrms = 546.51%



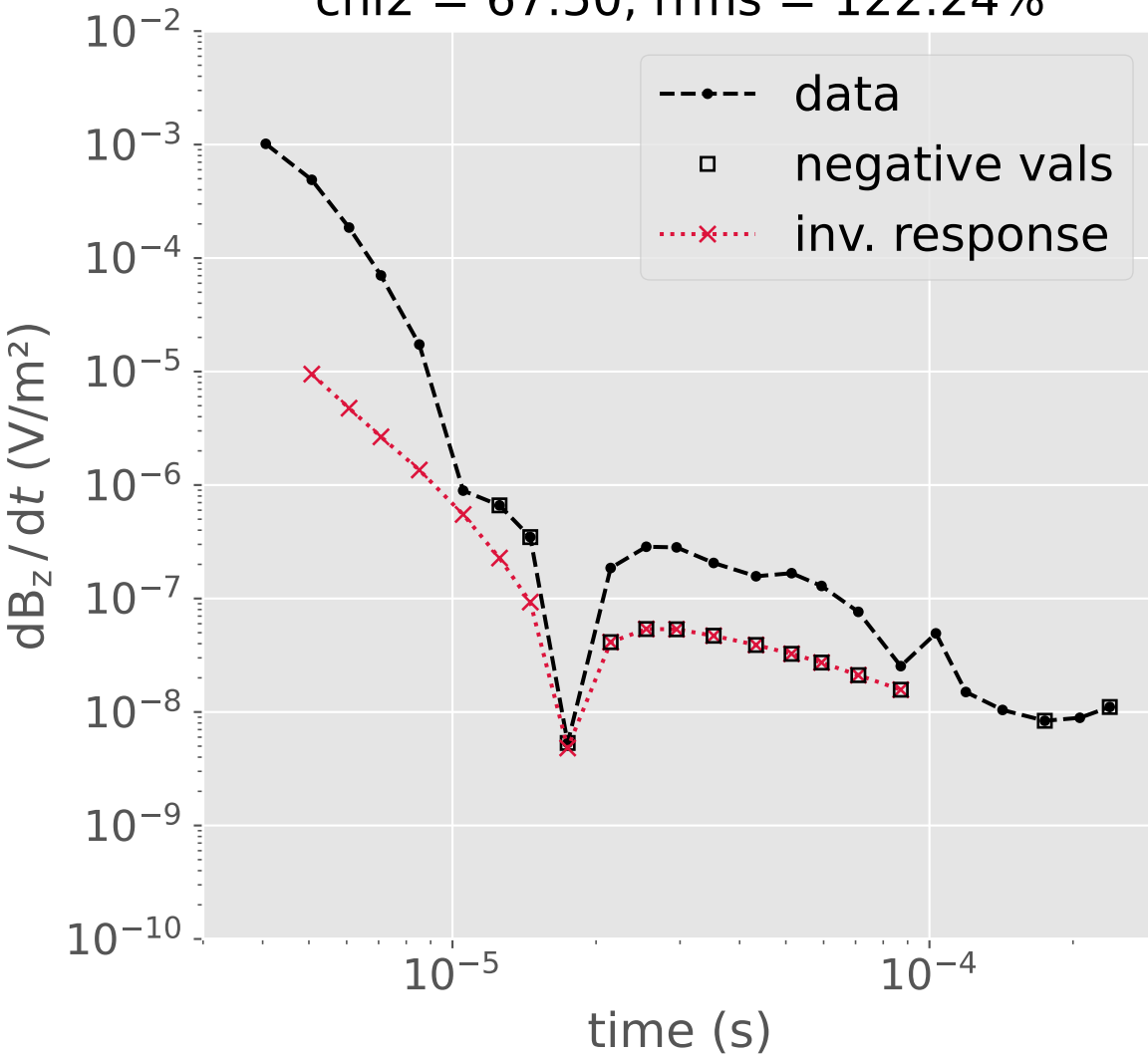
init. lam 500.0 cooling: 0.8, iters 11
fin. lam 34.4, noise floor = 11.0%



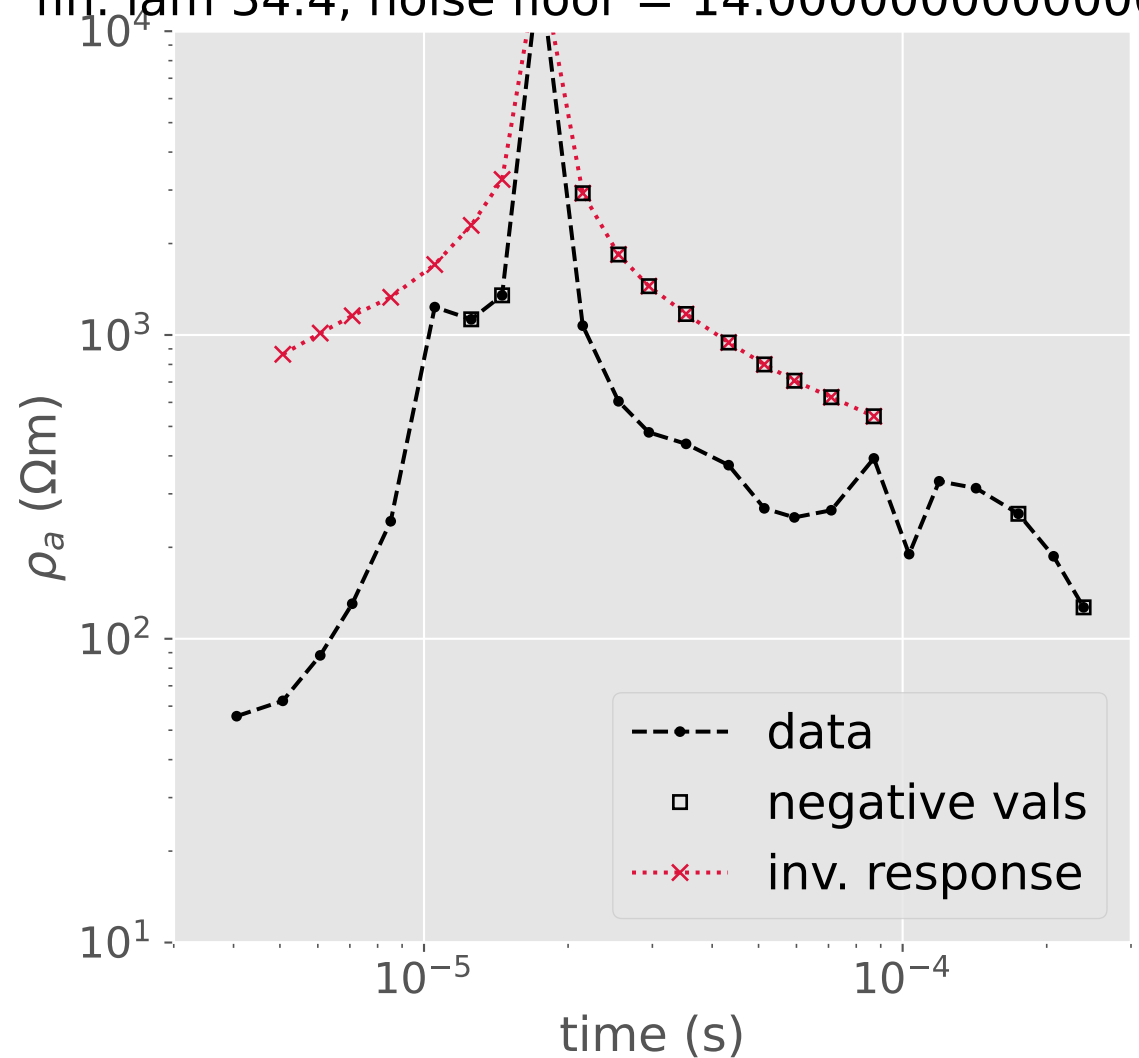


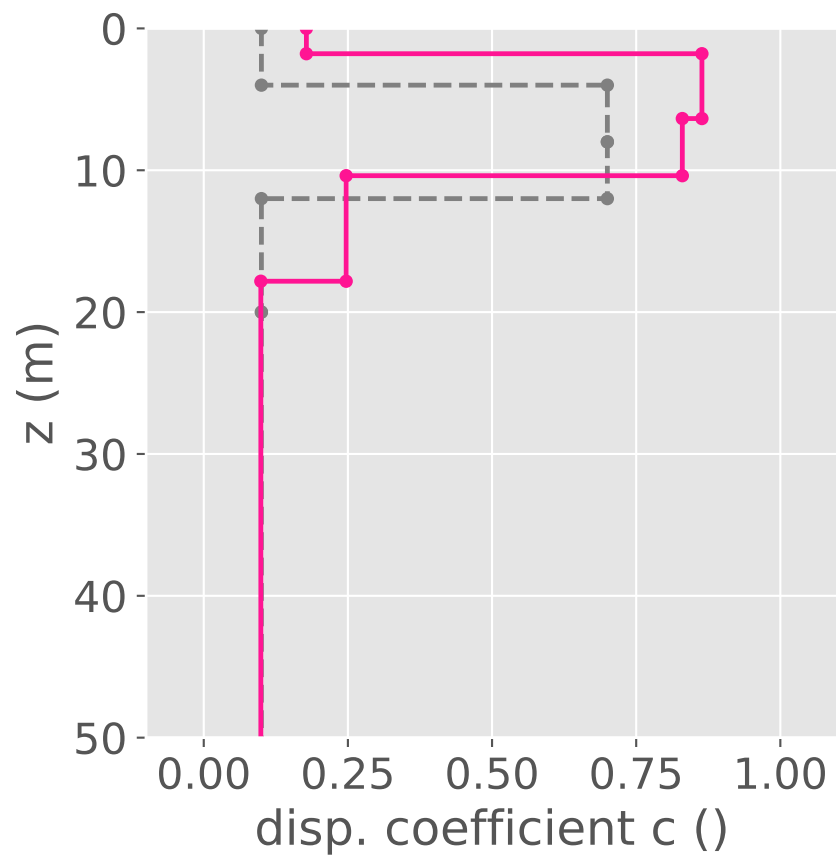
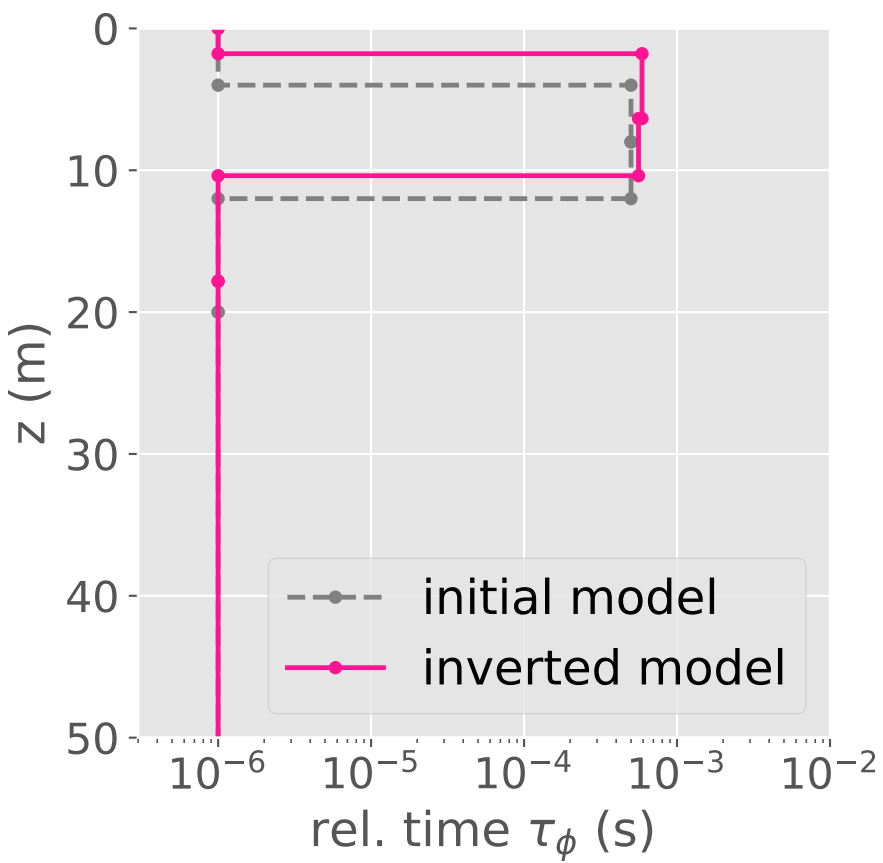
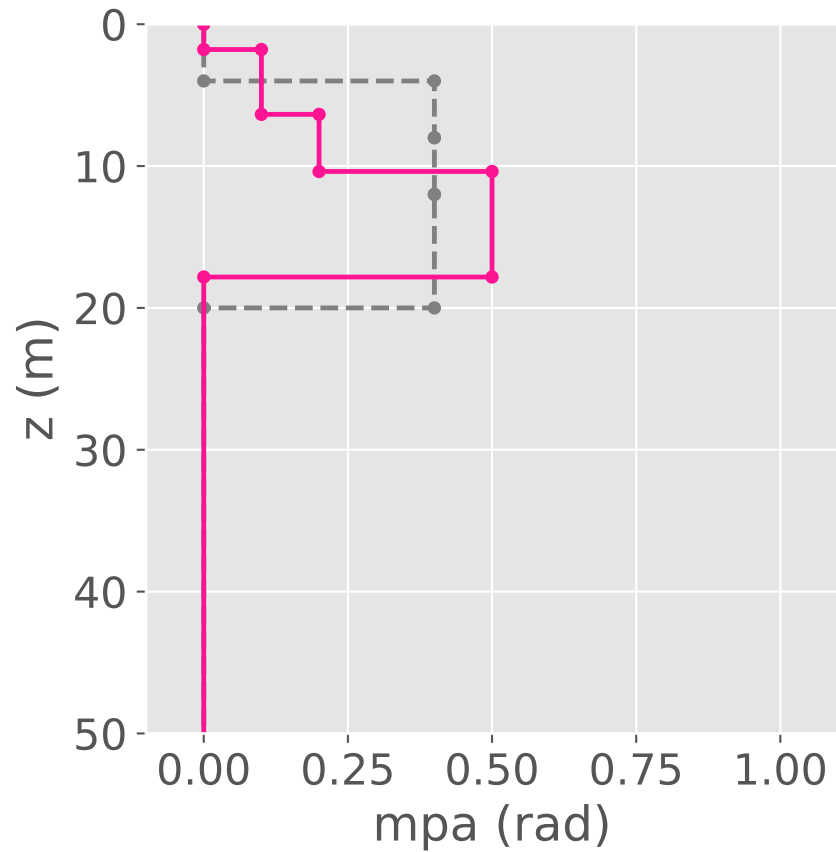
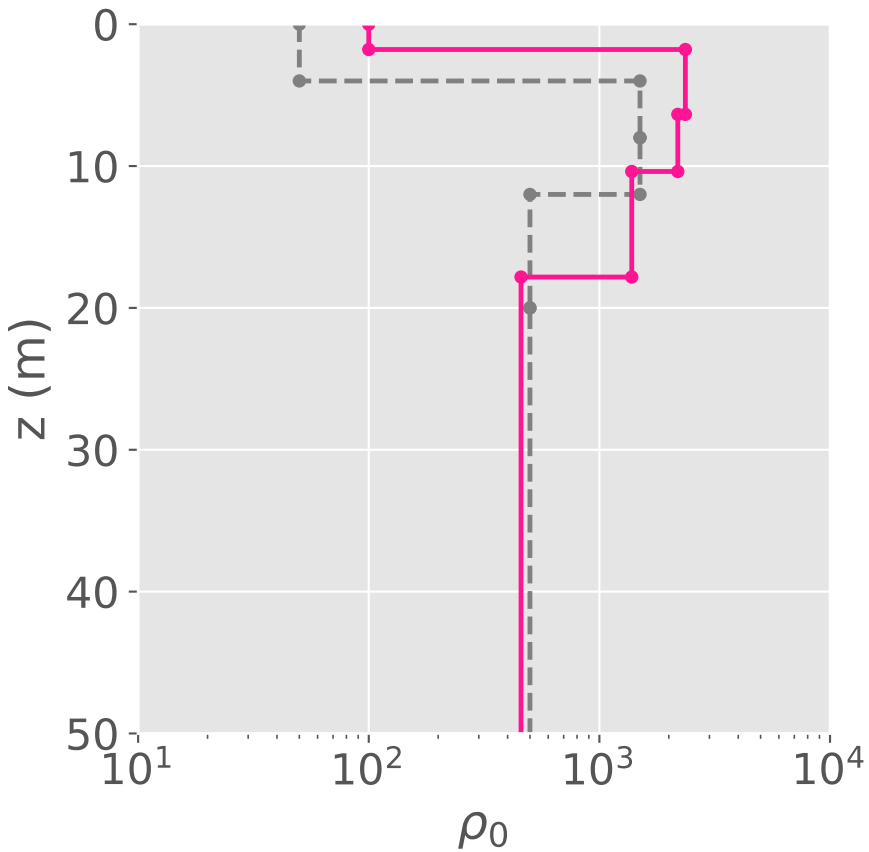


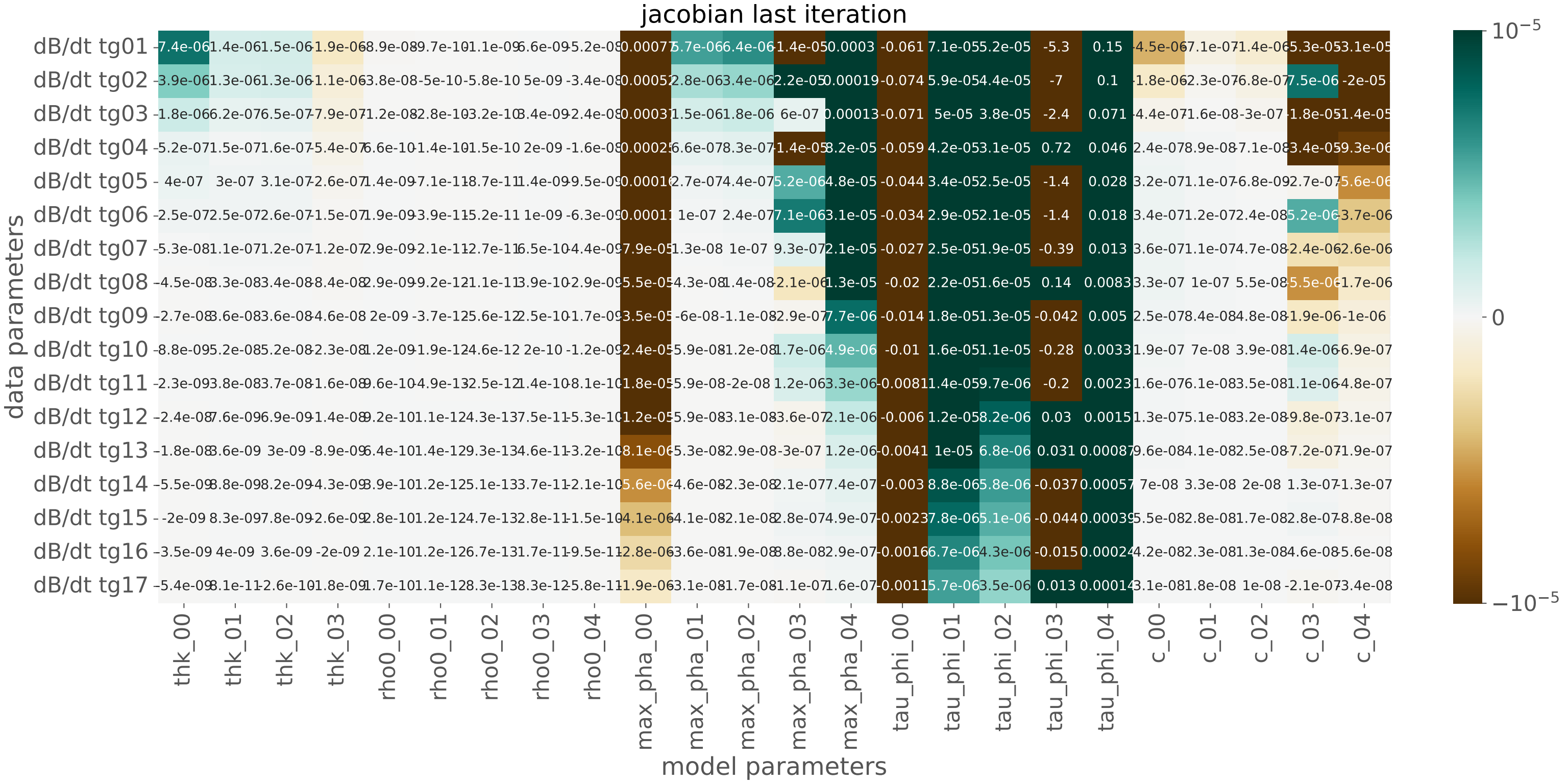
inv-run: 003, sndID: B039
chi2 = 67.50, rrms = 122.24%



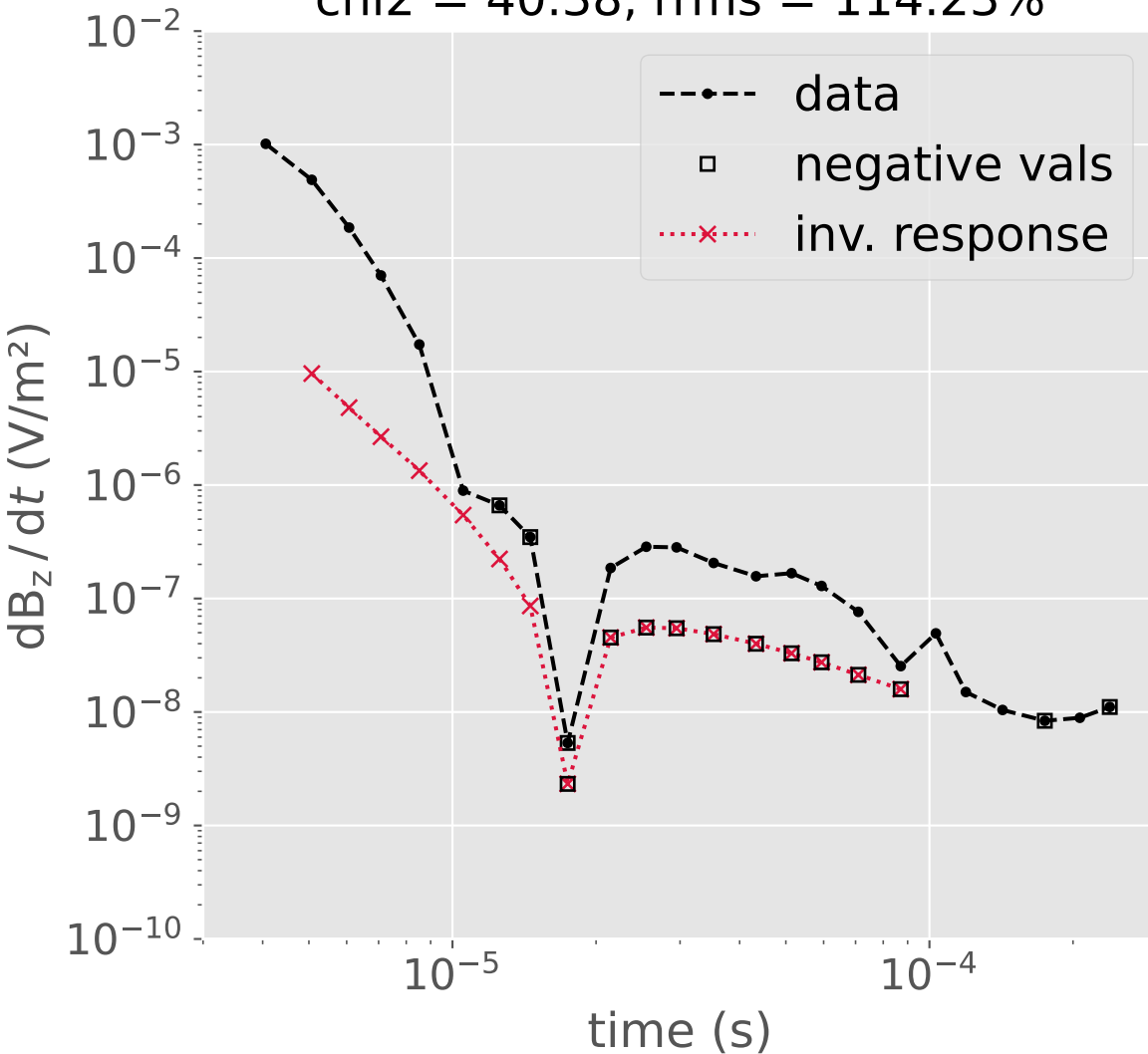
init. lam 500.0 cooling: 0.8, iters 11
fin. lam 34.4, noise floor = 14.000000000000000



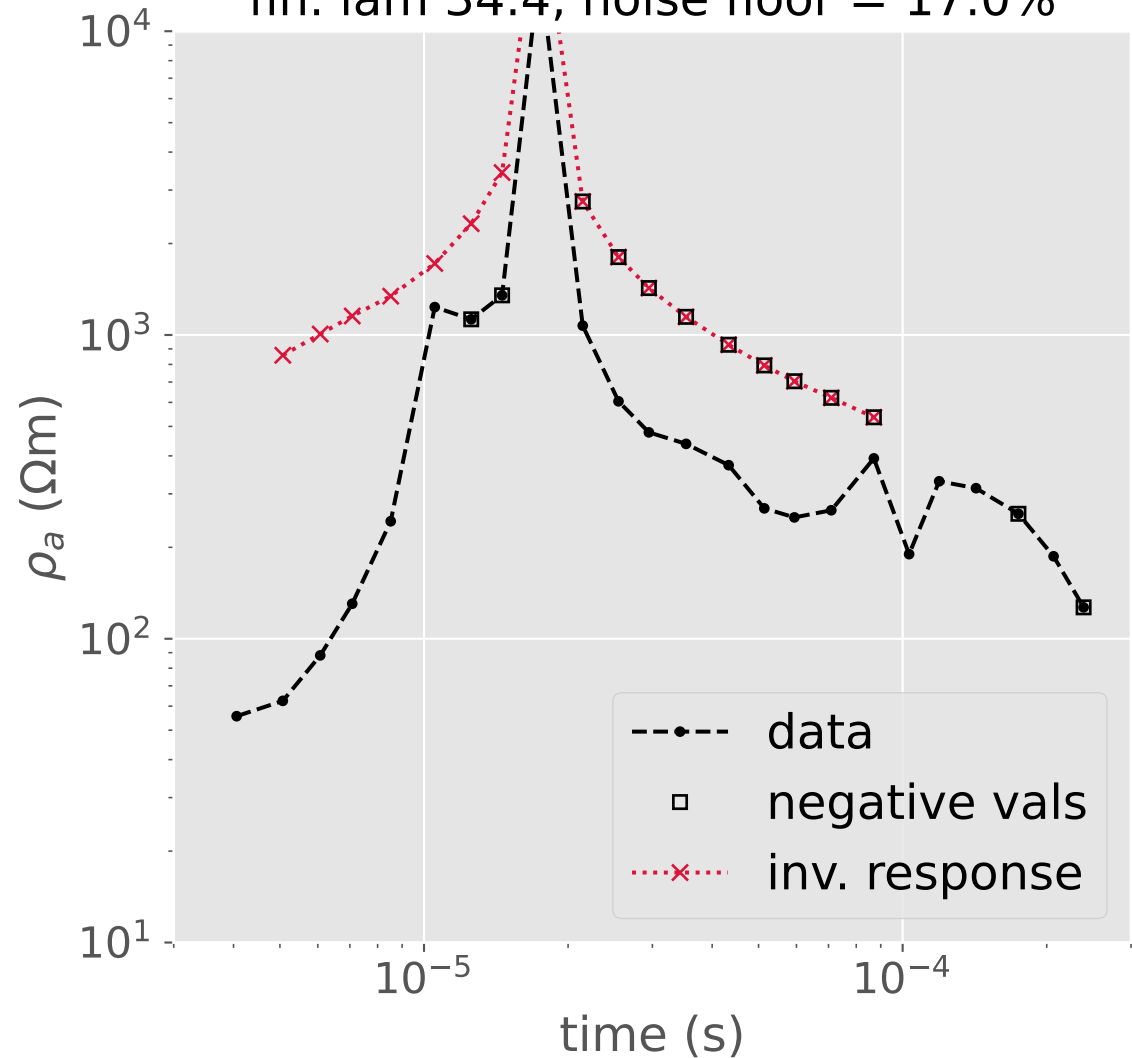


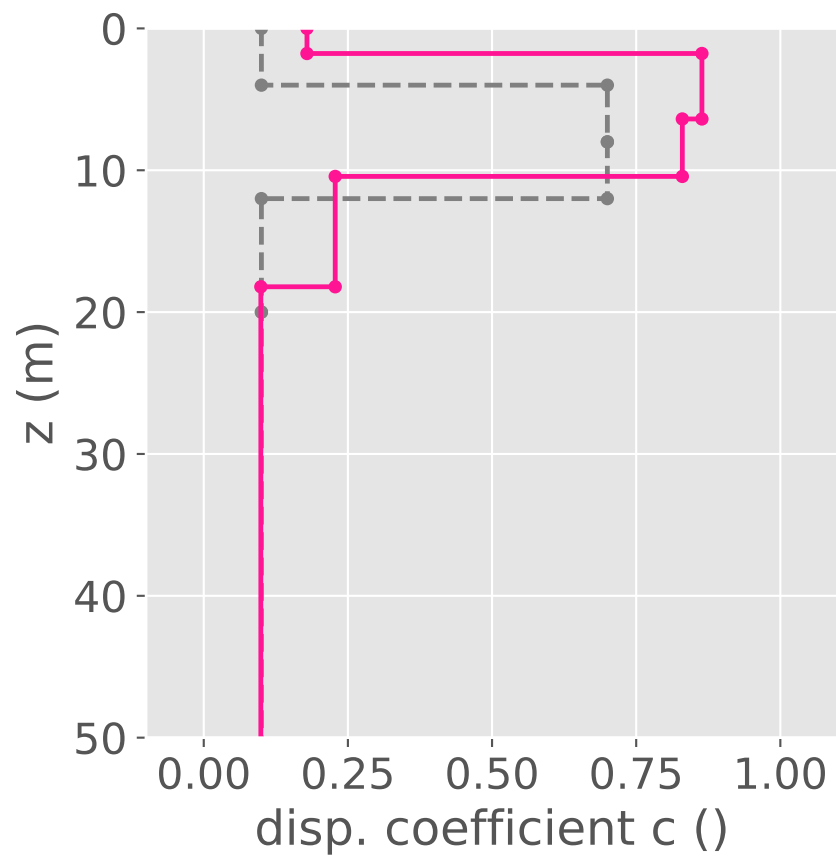
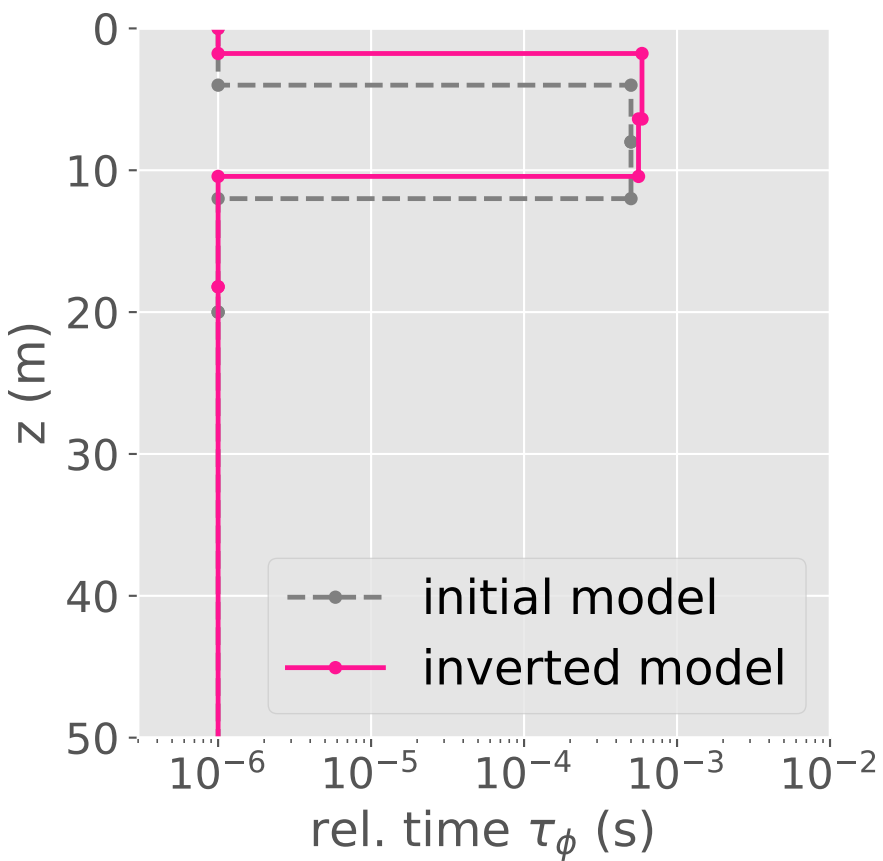
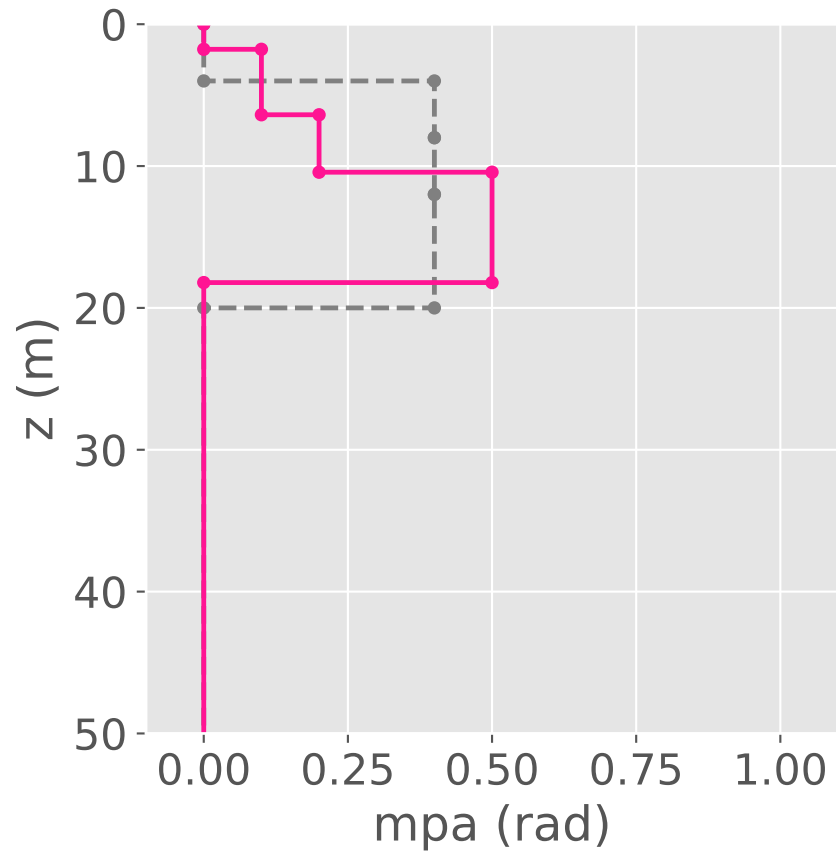
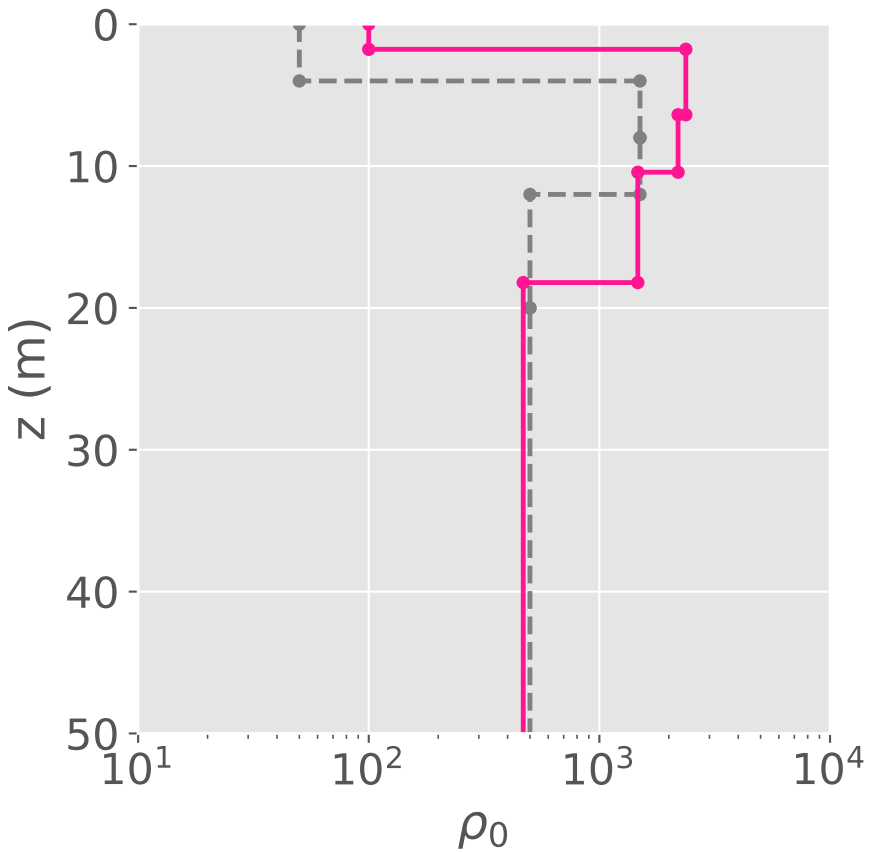


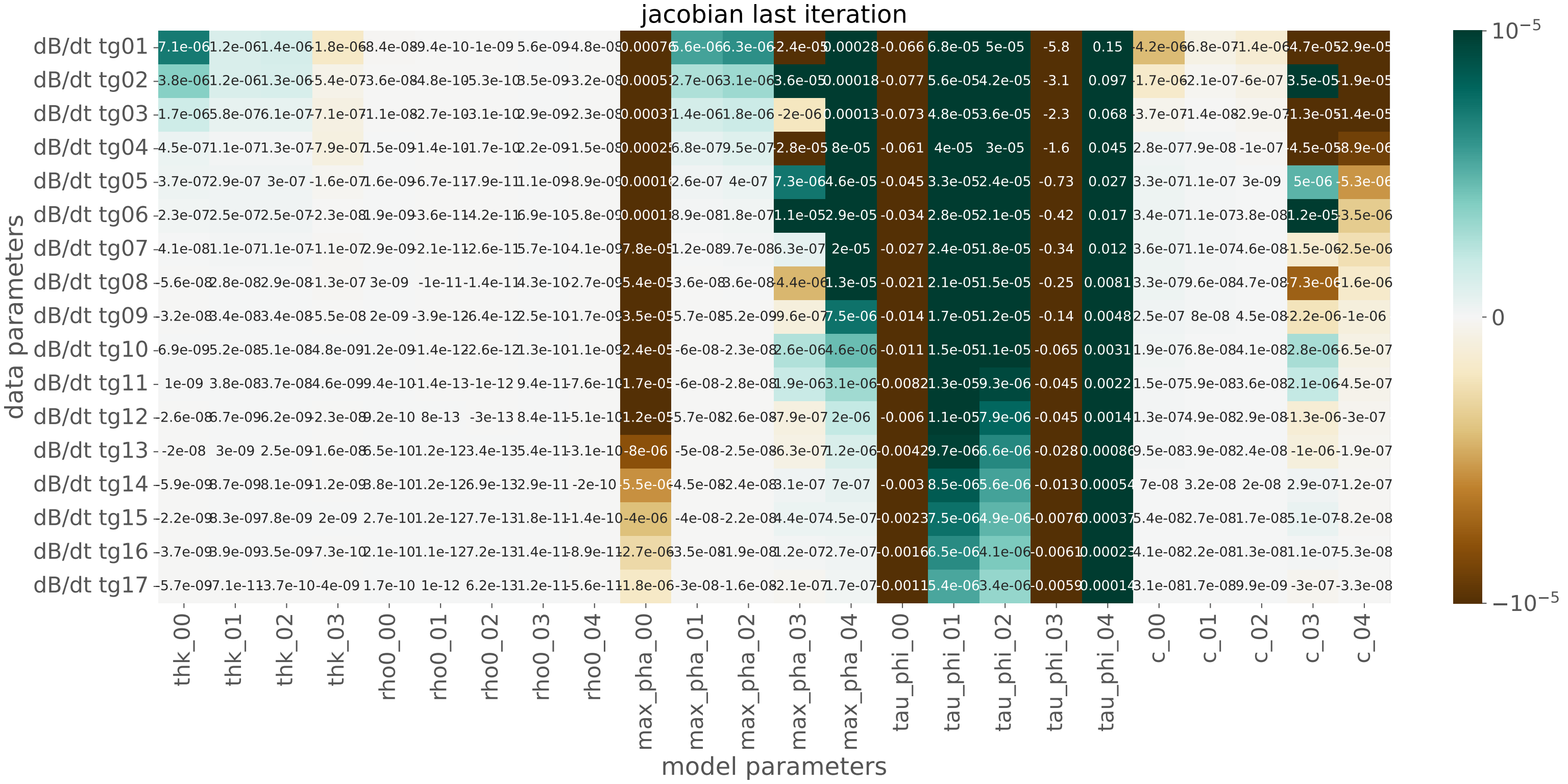
inv-run: 004, sndID: B039
chi2 = 40.38, rrms = 114.23%



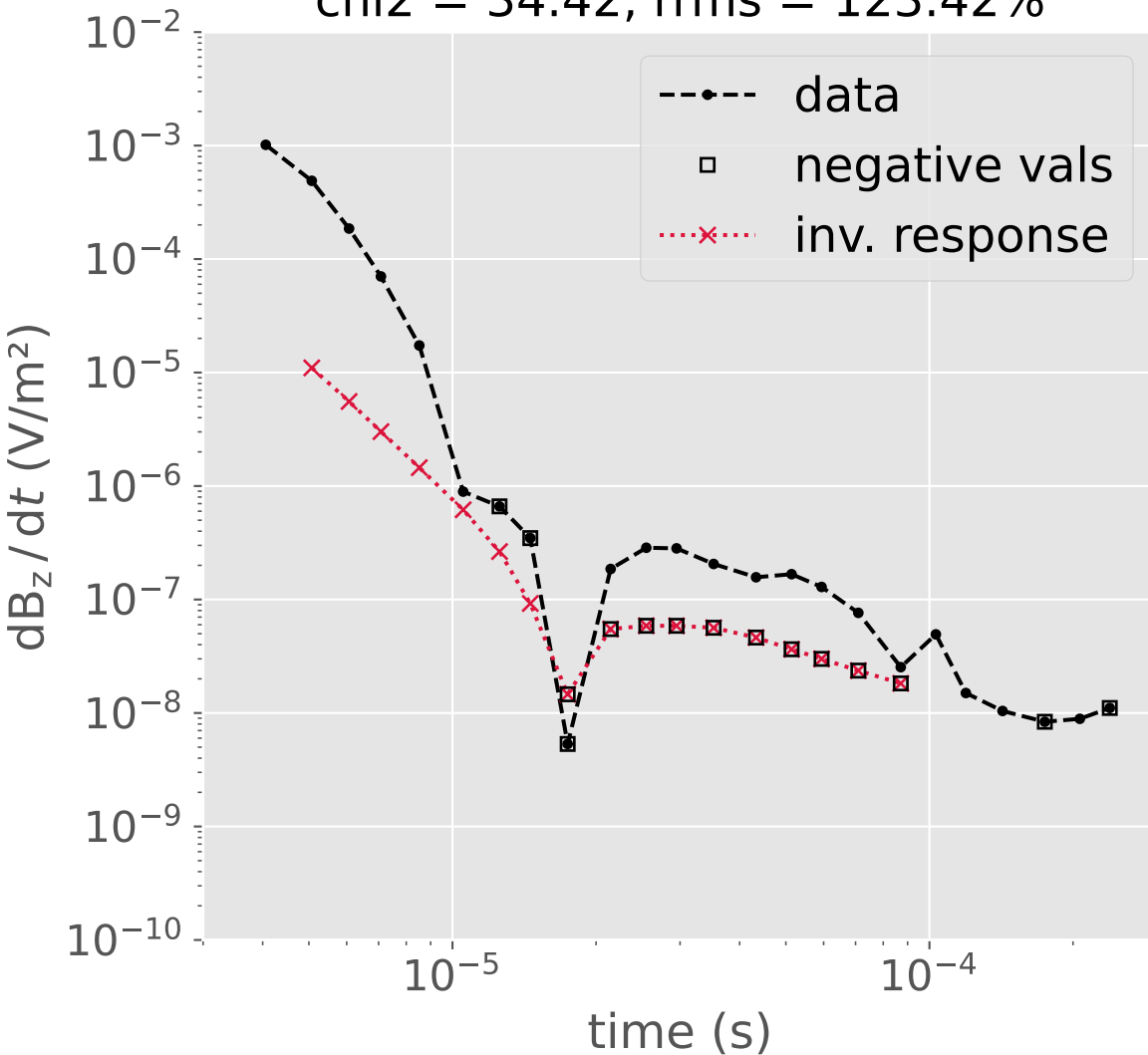
init. lam 500.0 cooling: 0.8, iters 11
fin. lam 34.4, noise floor = 17.0%



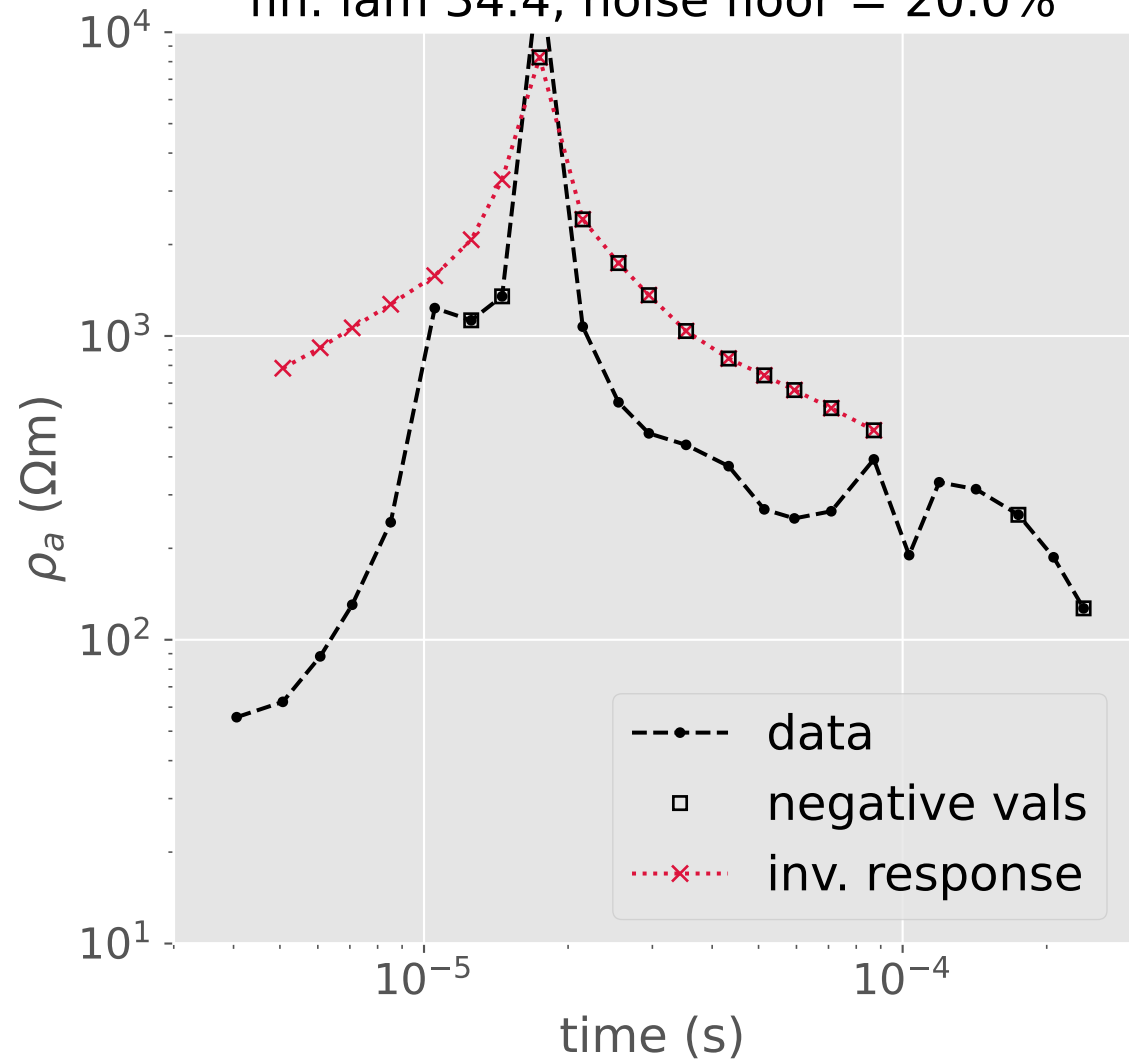


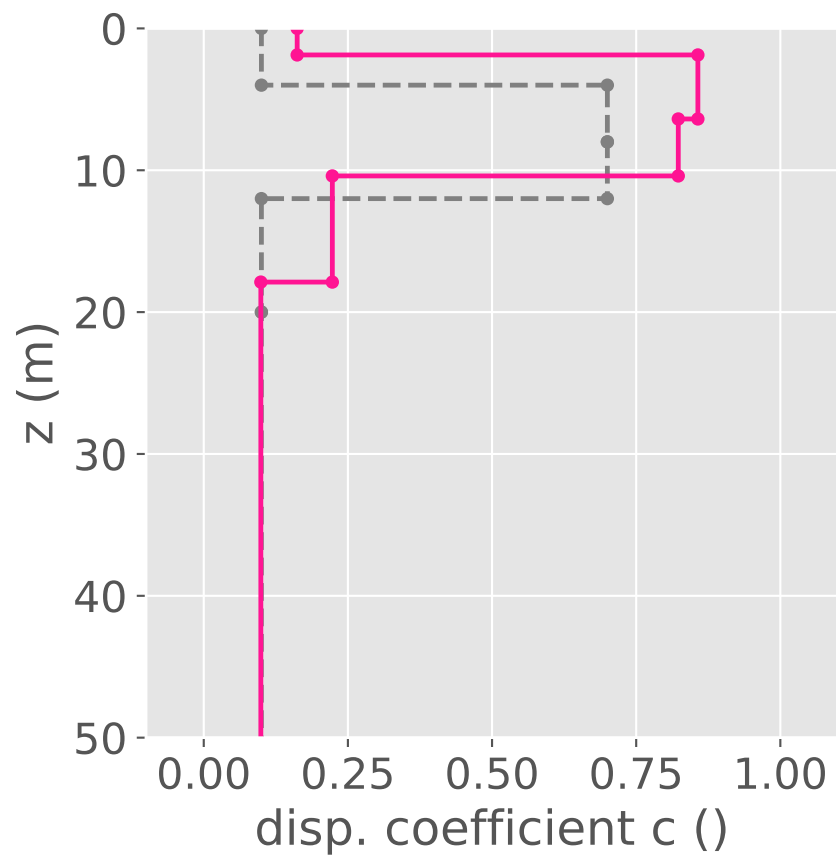
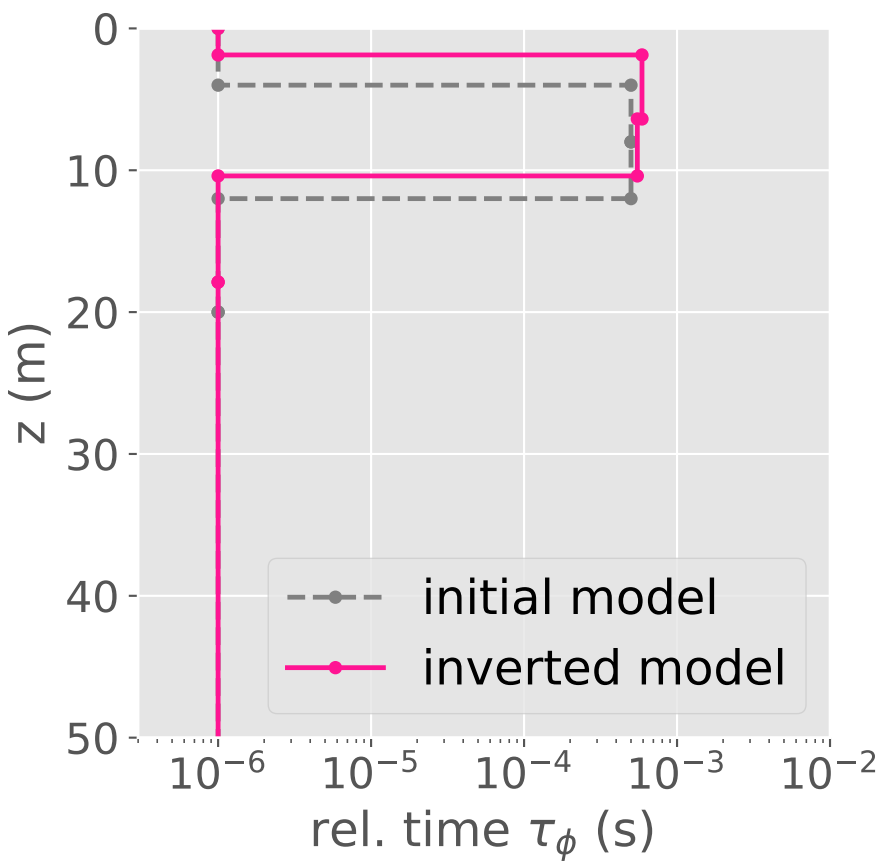
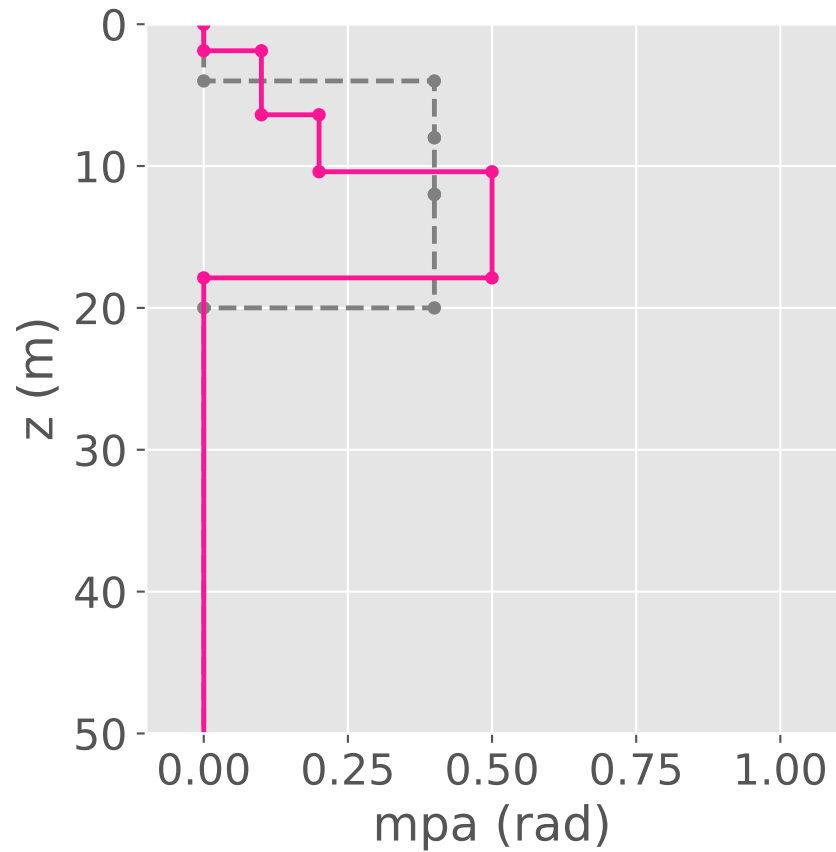
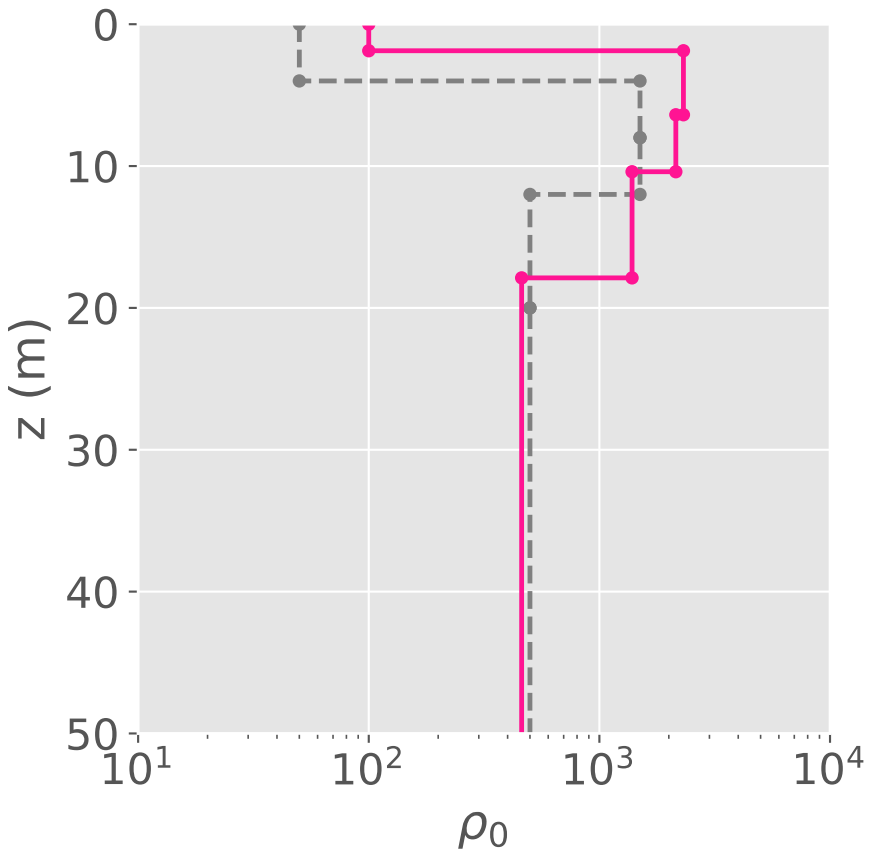


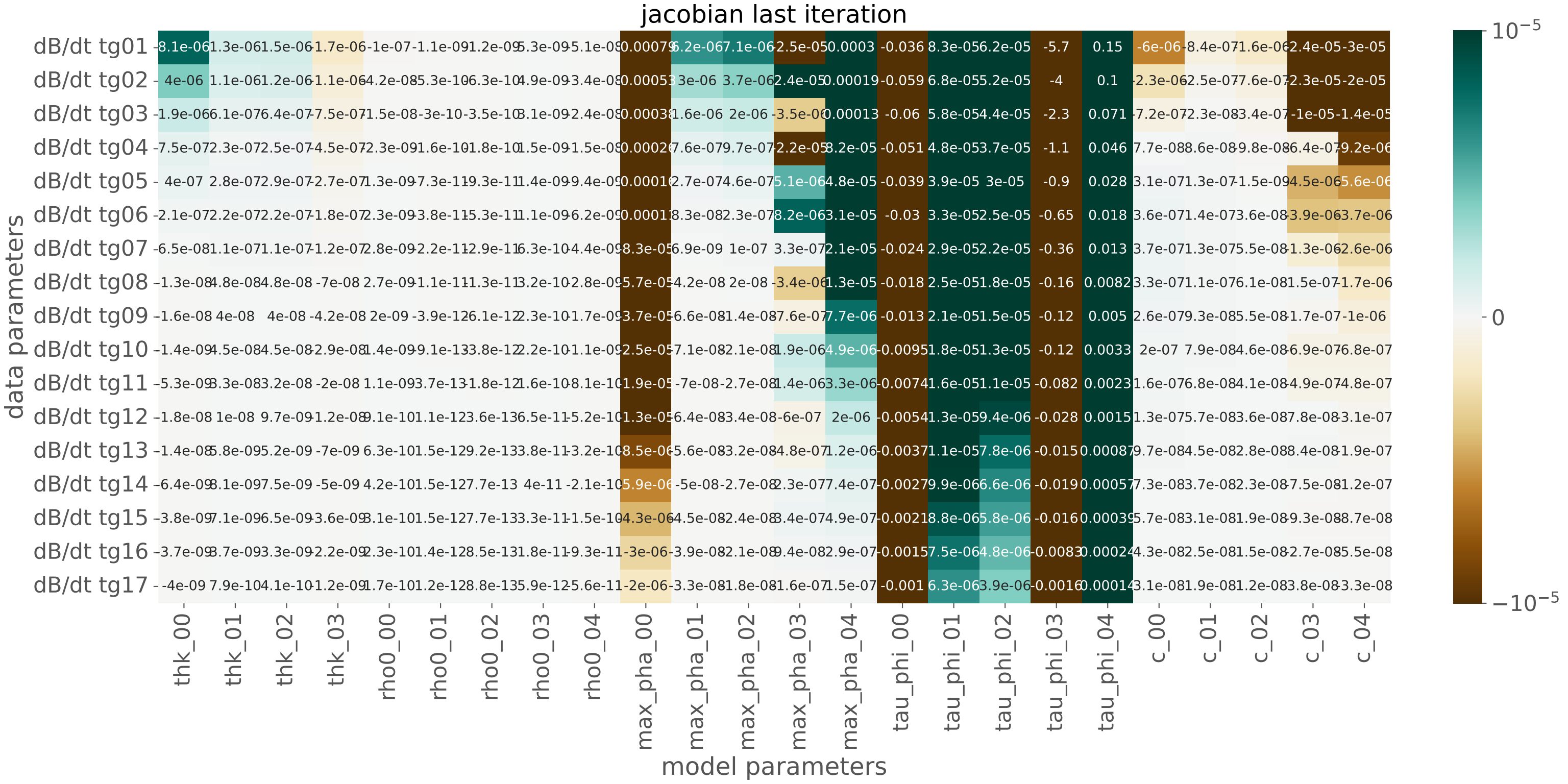
inv-run: 005, sndID: B039
chi2 = 34.42, rrms = 123.42%



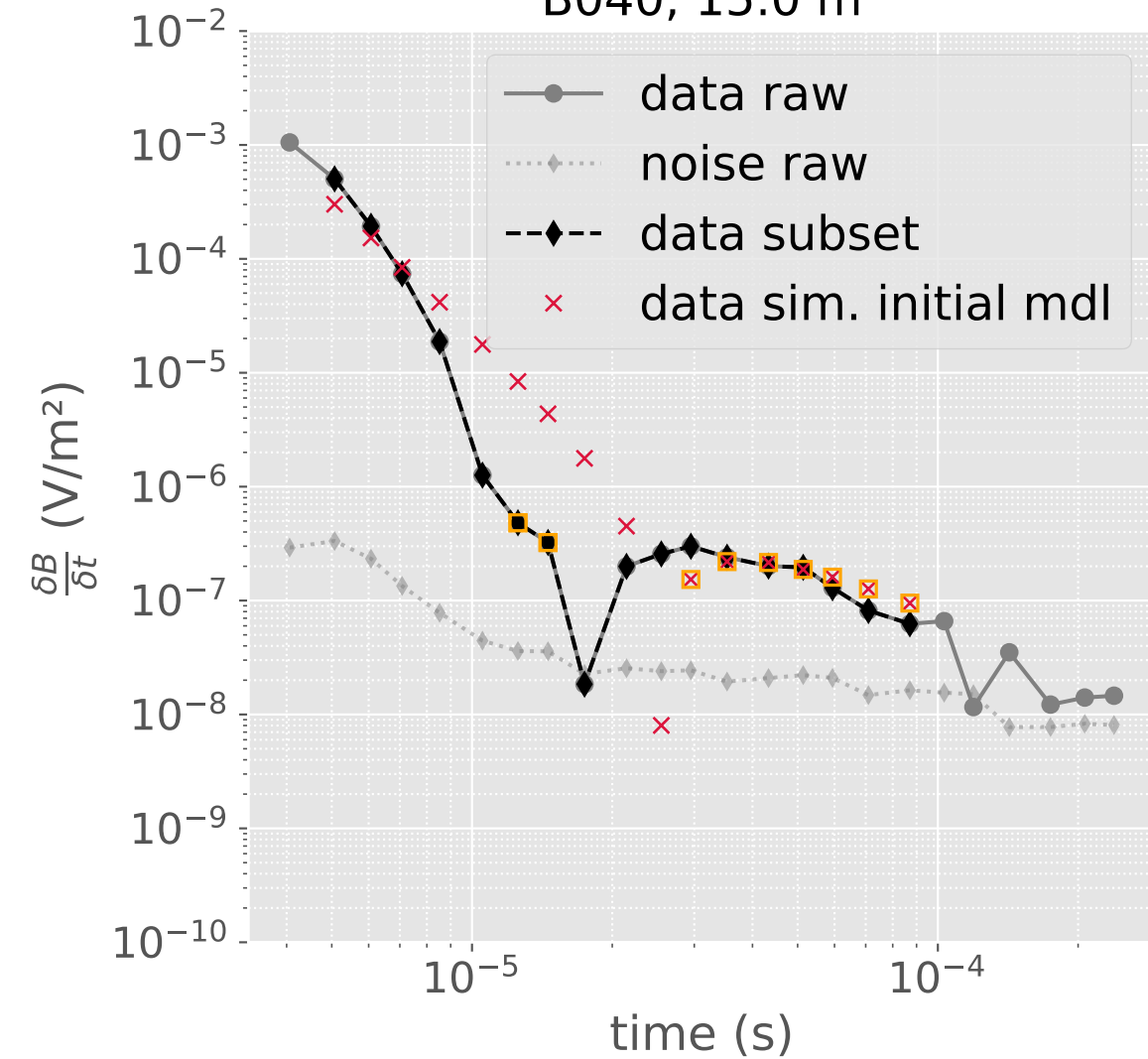
init. lam 500.0 cooling: 0.8, iters 11
fin. lam 34.4, noise floor = 20.0%



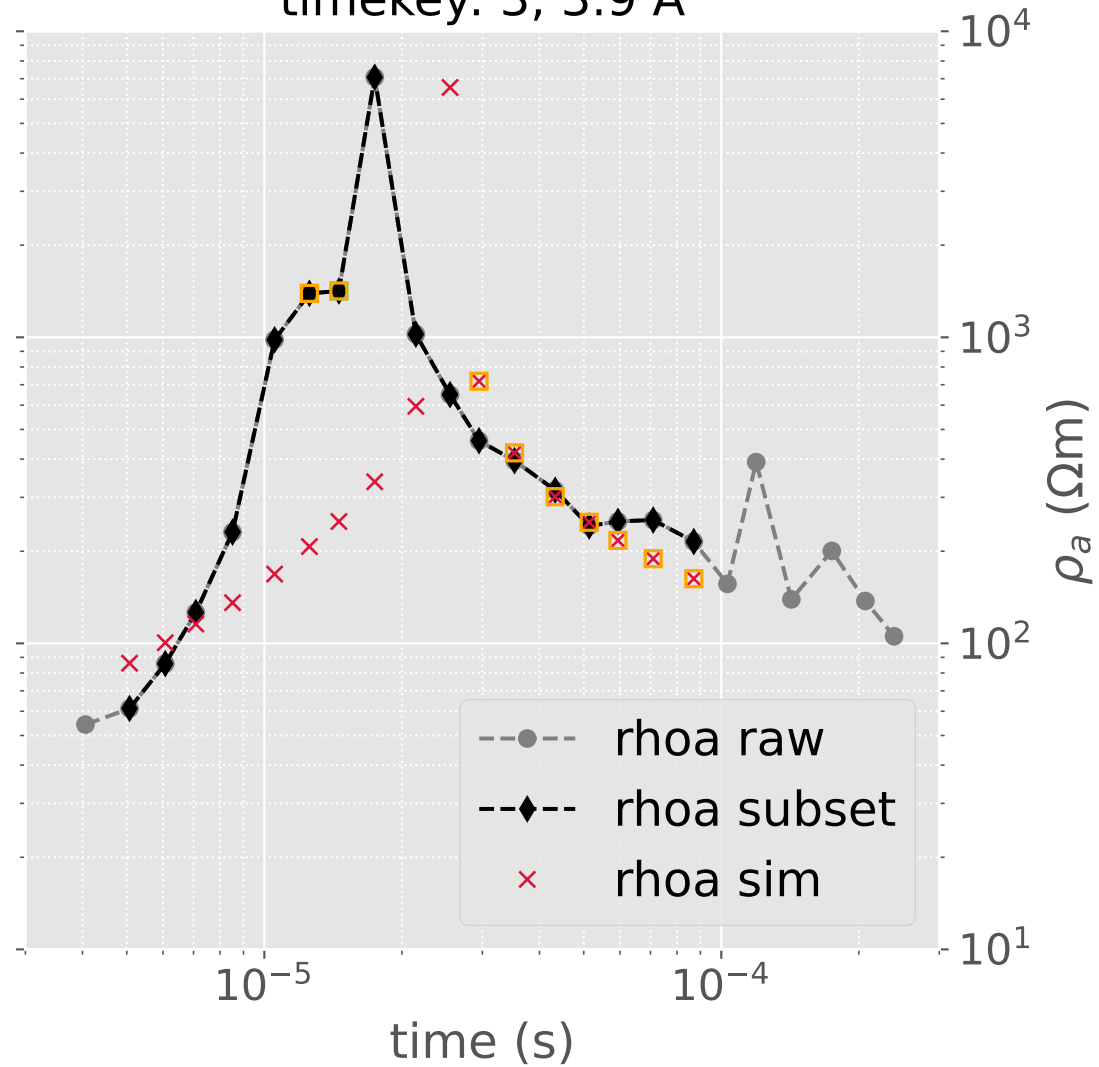




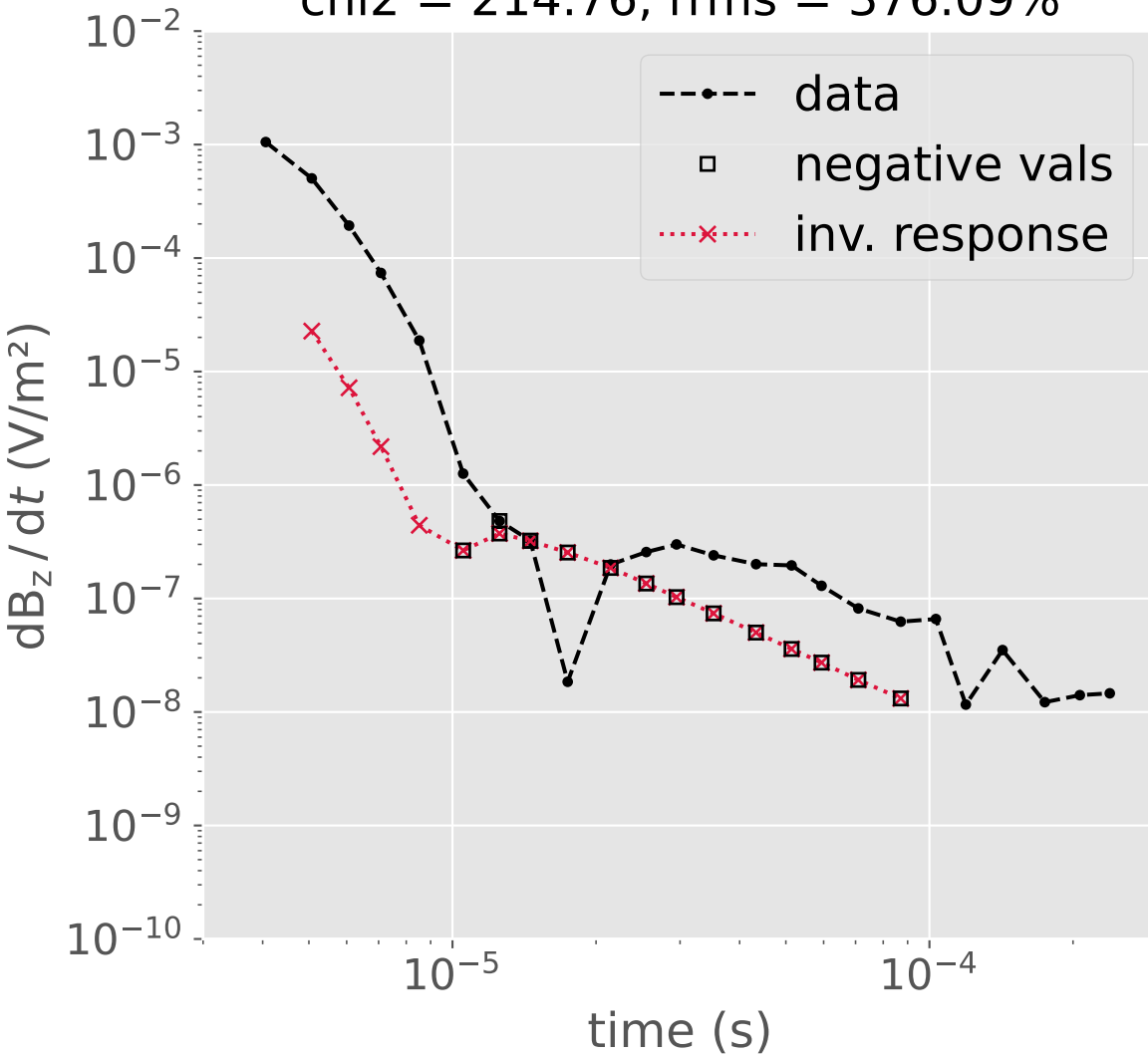
B040, 15.0 m



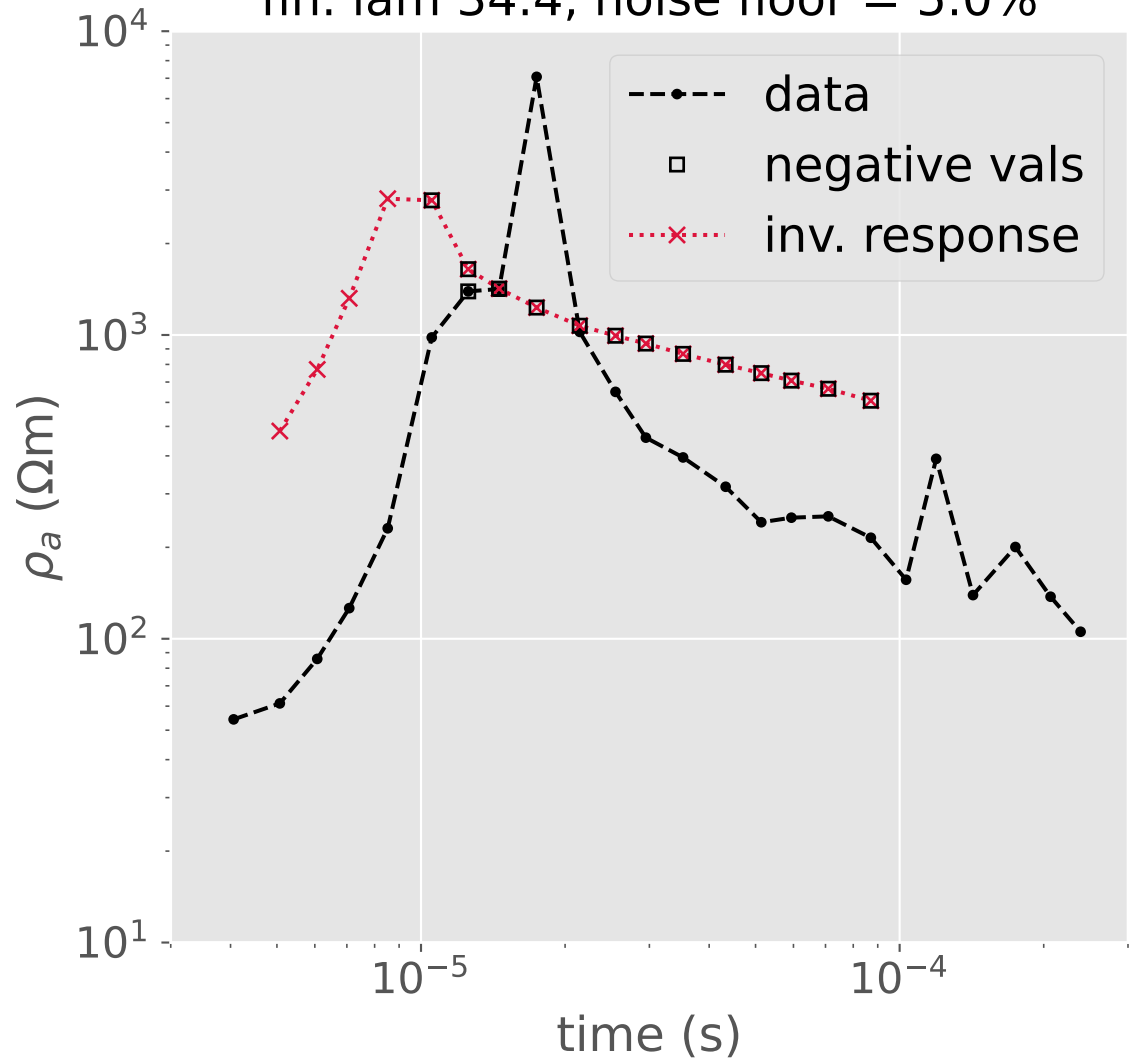
timekey: 3, 3.9 A

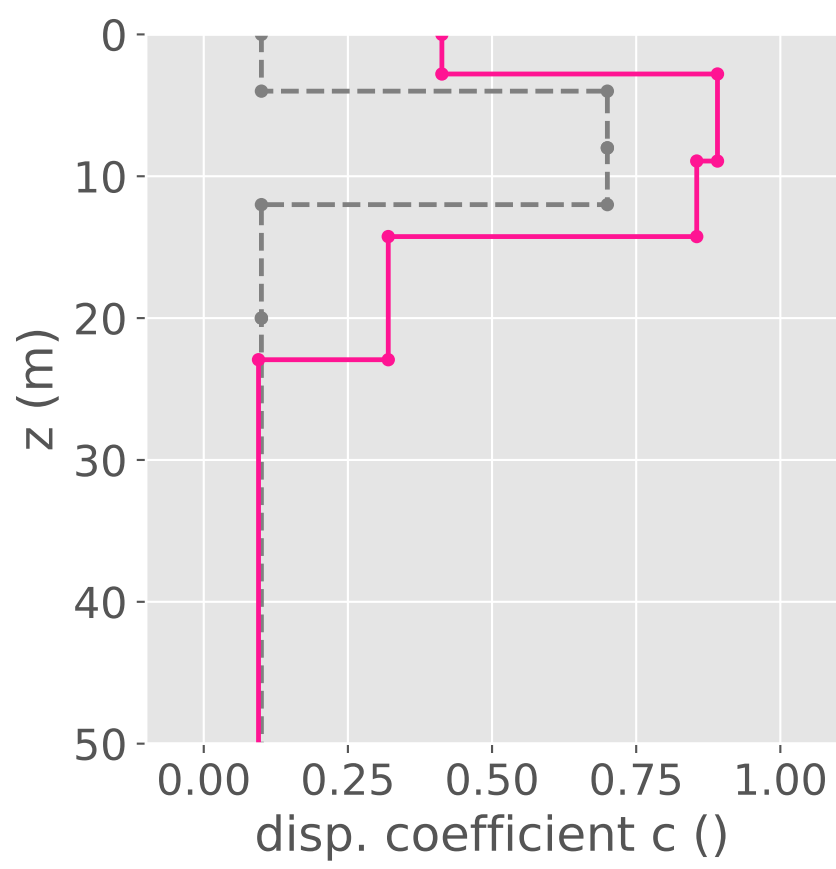
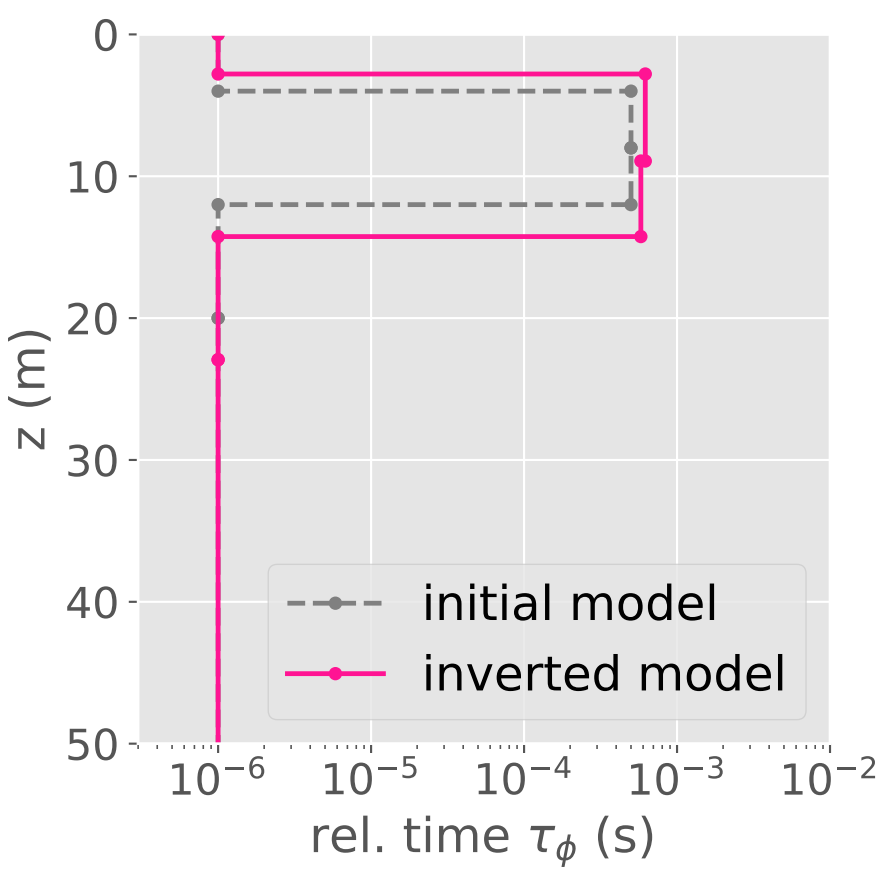
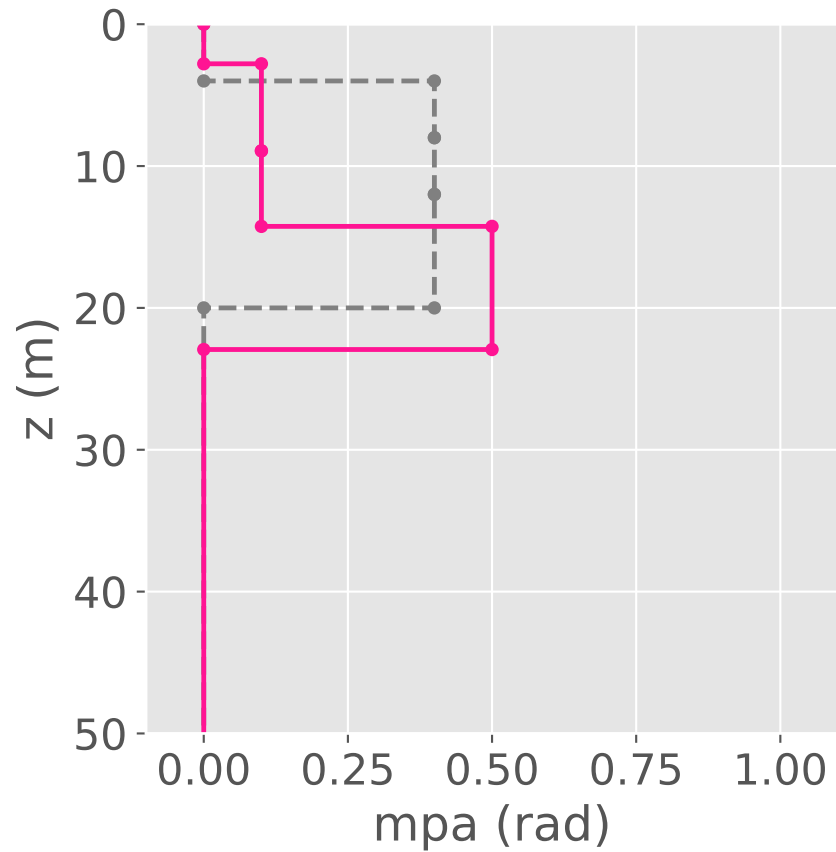
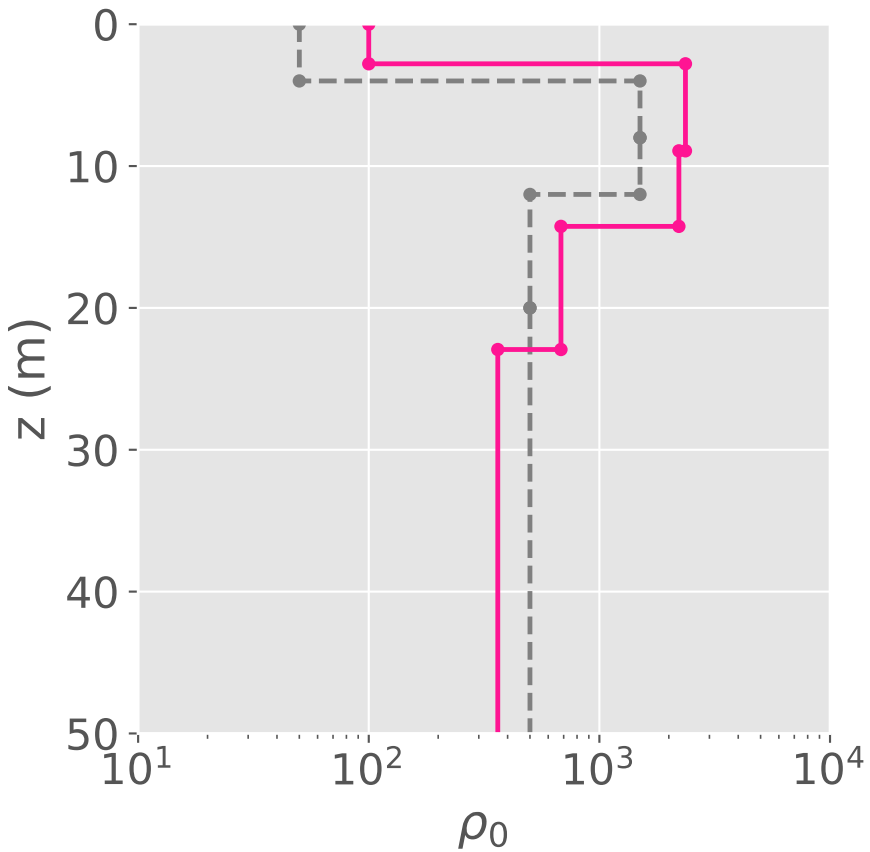


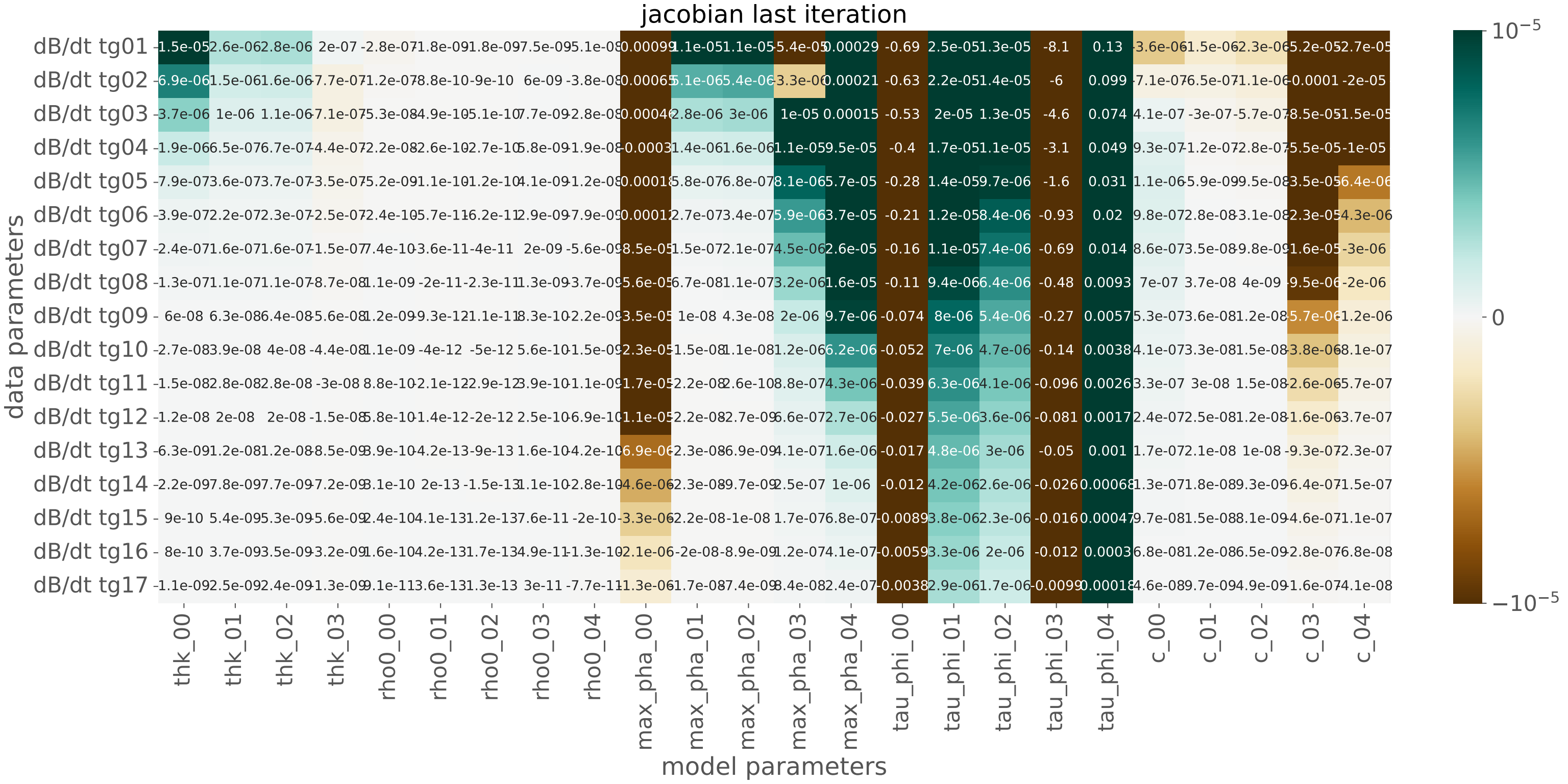
inv-run: 000, sndID: B040
chi2 = 214.76, rrms = 376.09%



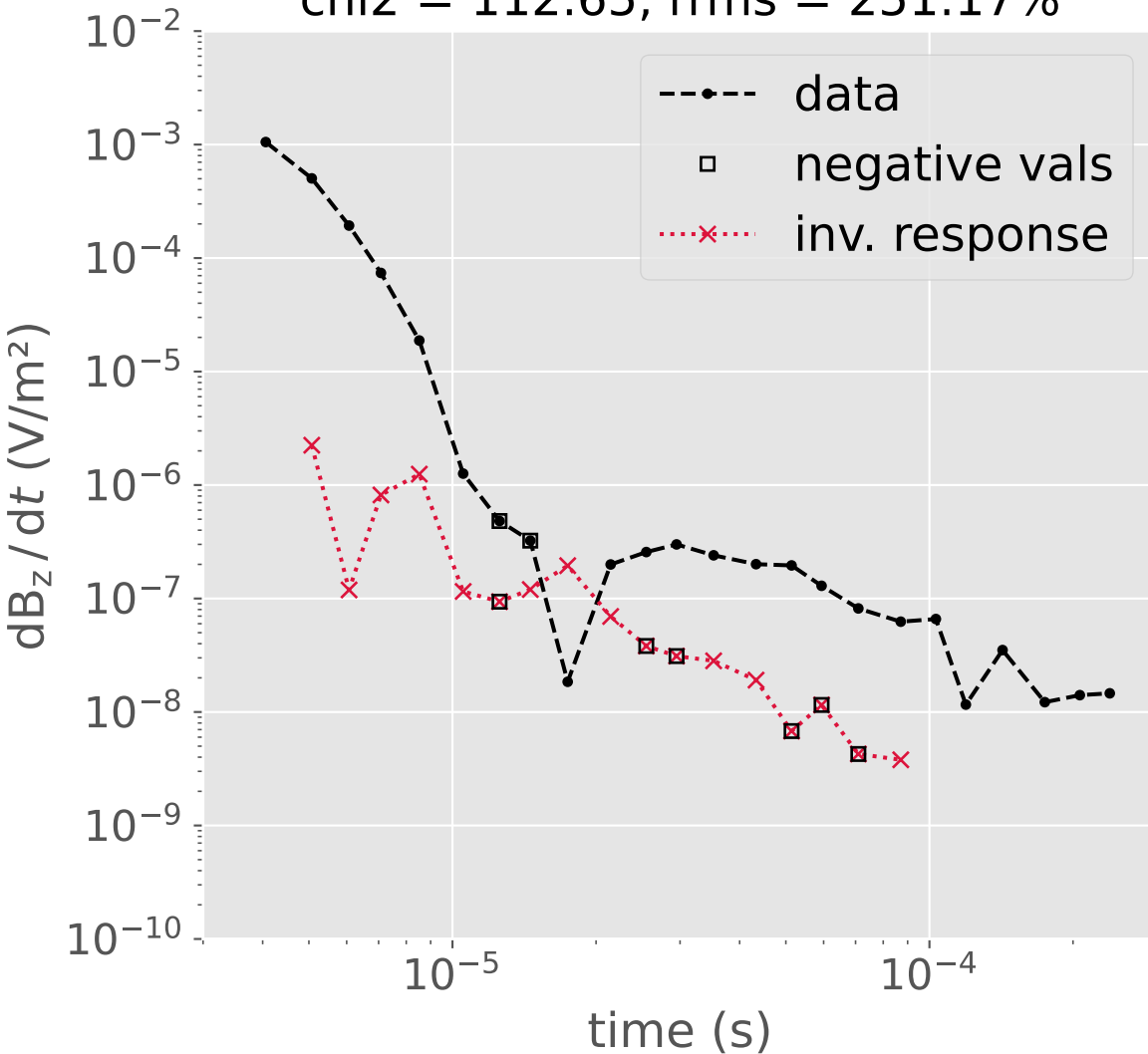
init. lam 500.0 cooling: 0.8, iters 11
fin. lam 34.4, noise floor = 5.0%



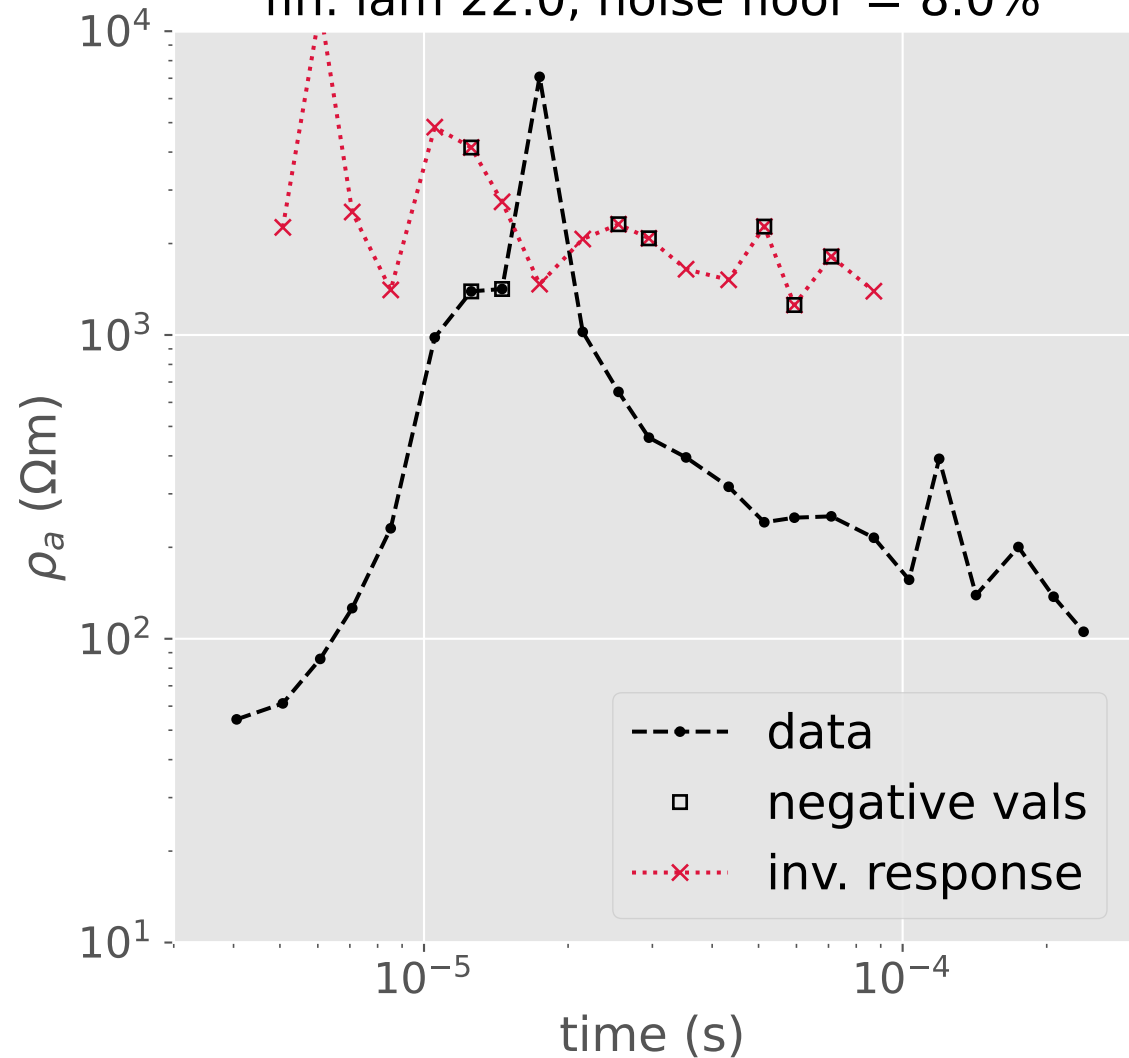


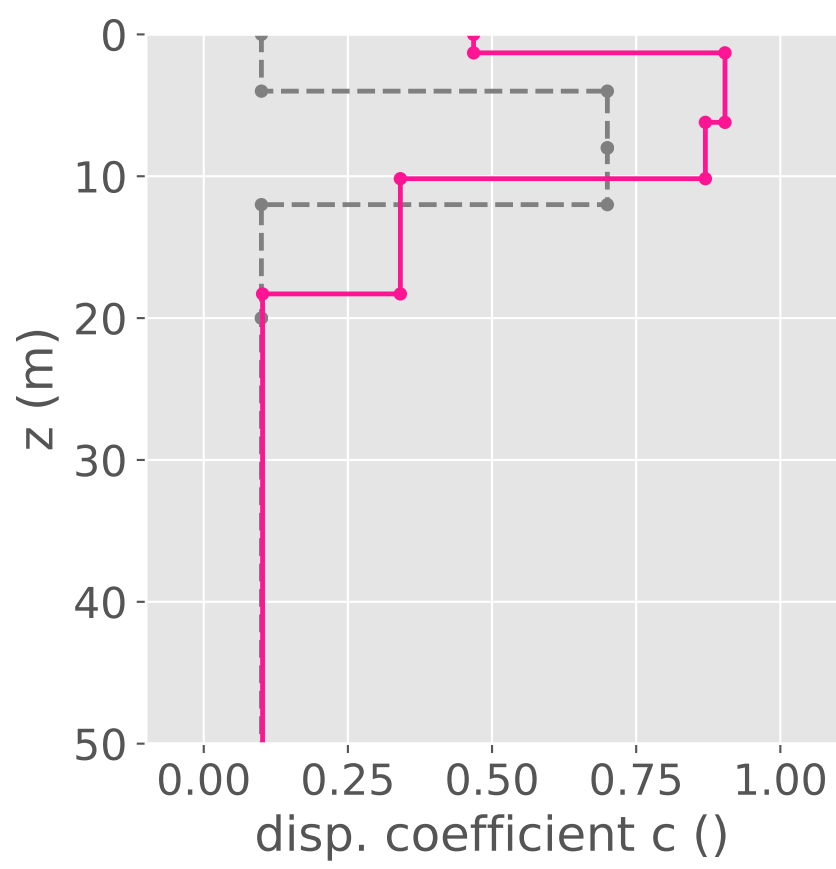
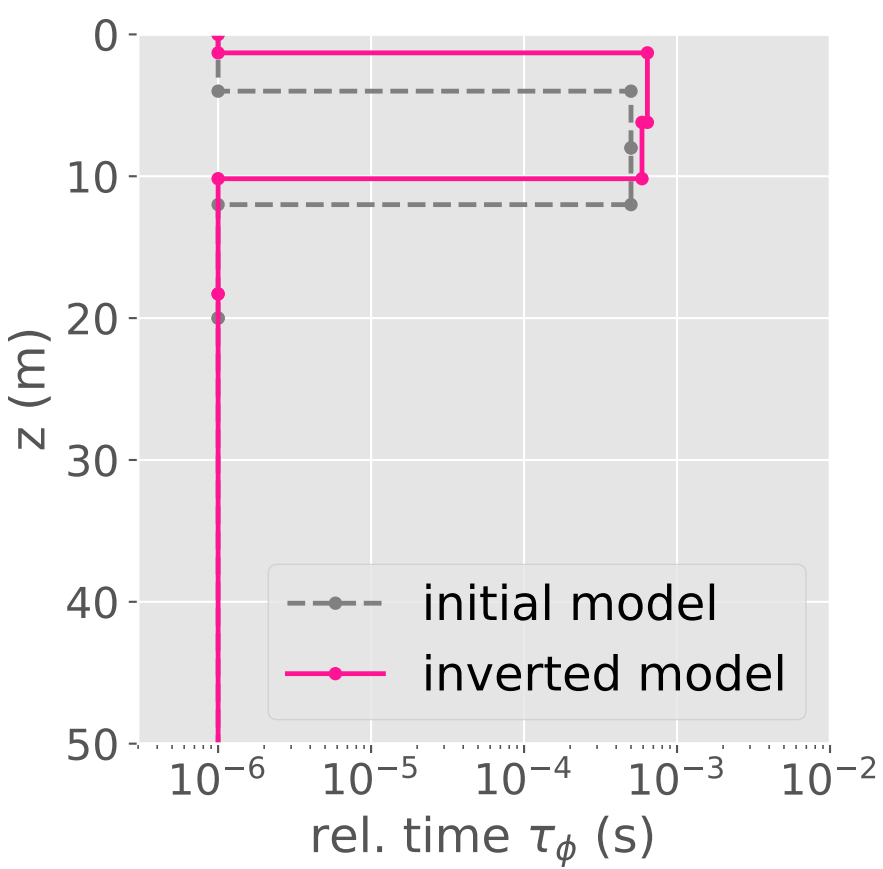
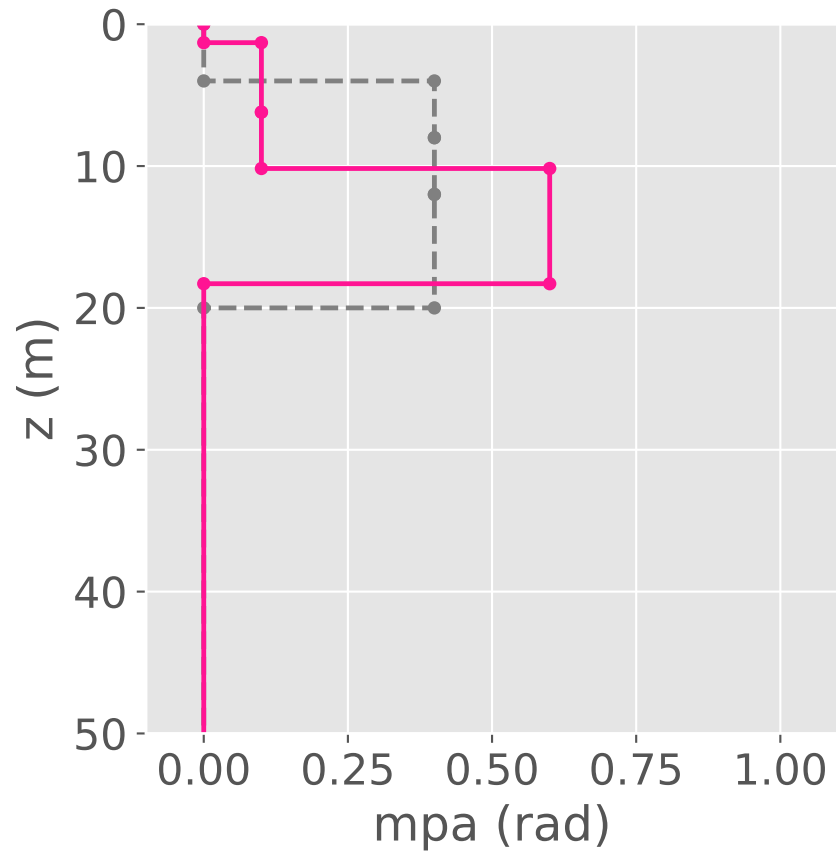
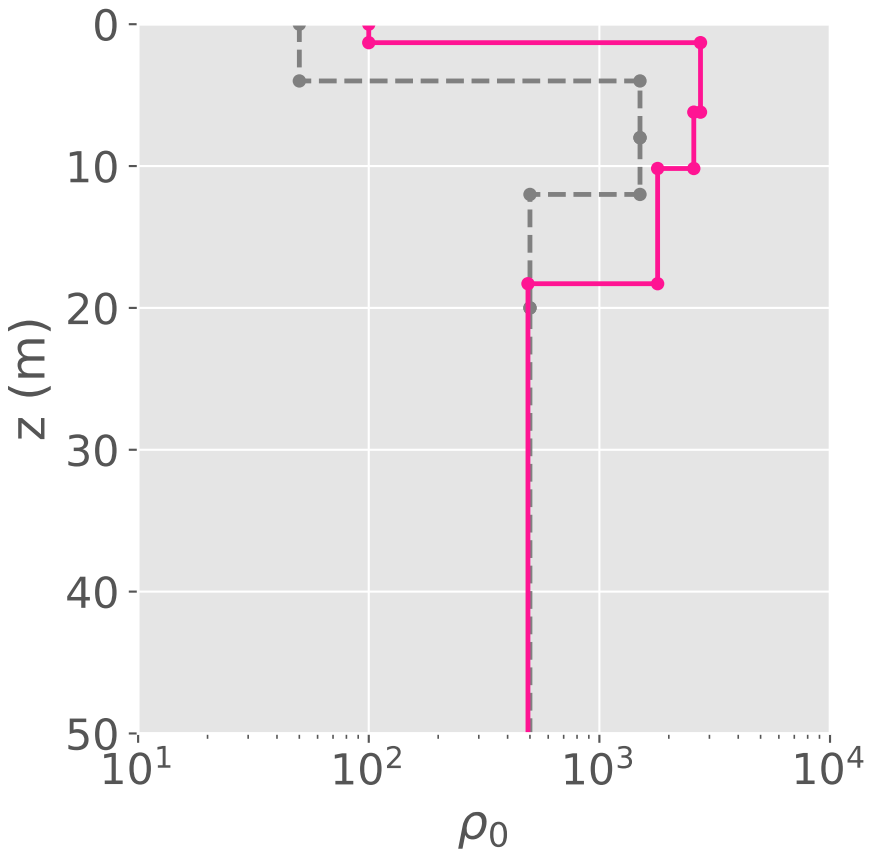


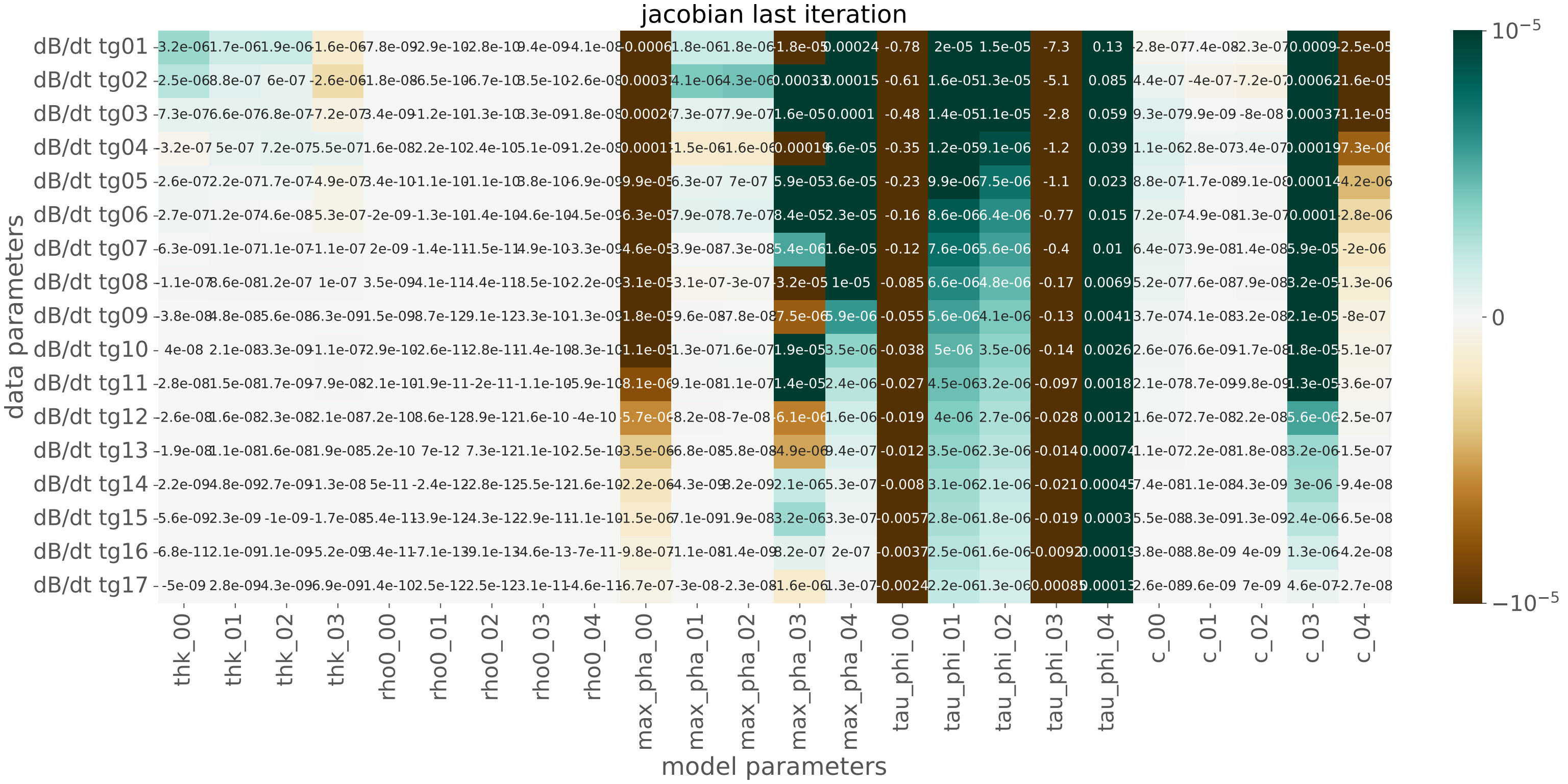
inv-run: 001, sndID: B040
chi2 = 112.65, rrms = 251.17%



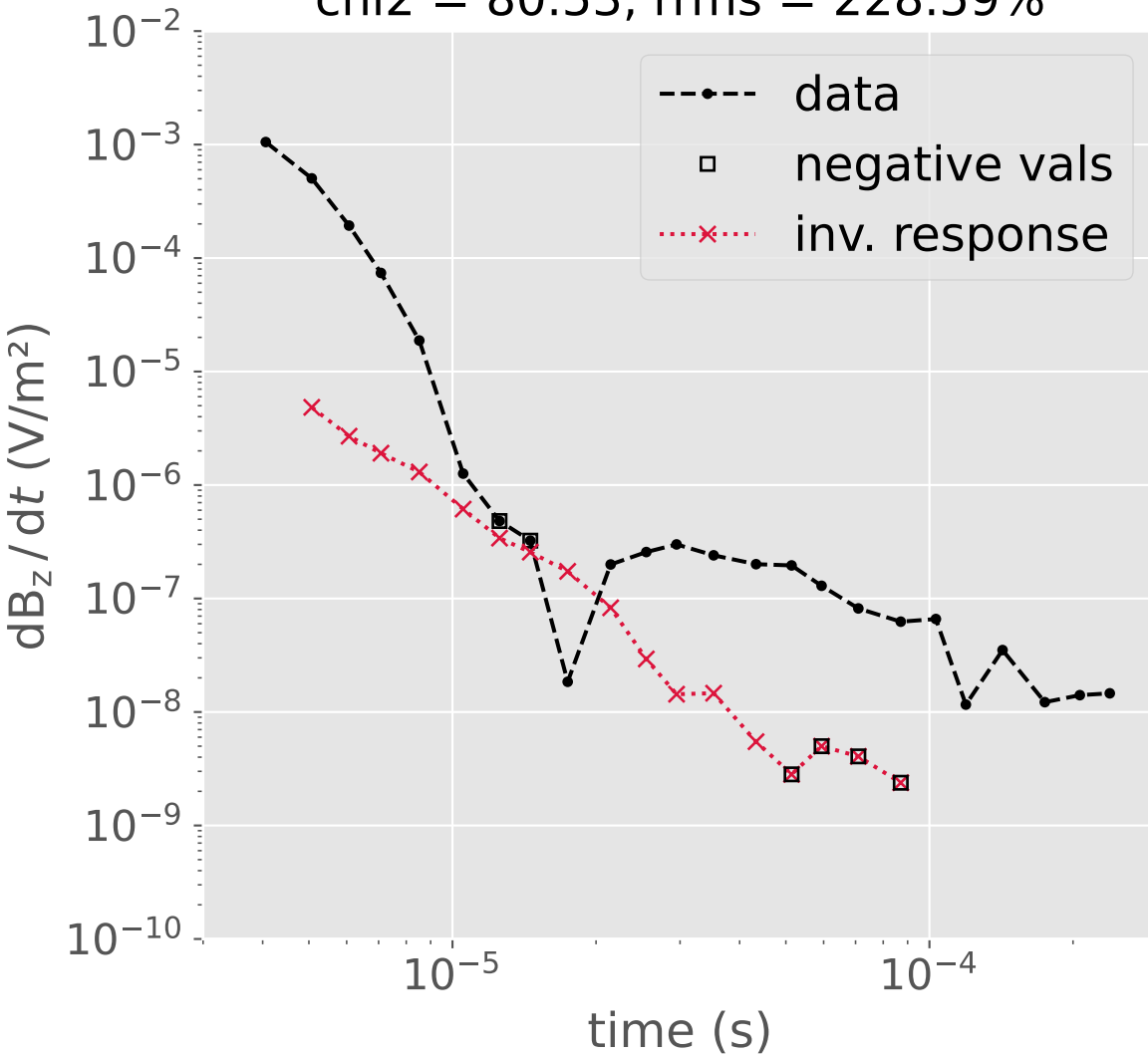
init. lam 500.0 cooling: 0.8, iters 13
fin. lam 22.0, noise floor = 8.0%



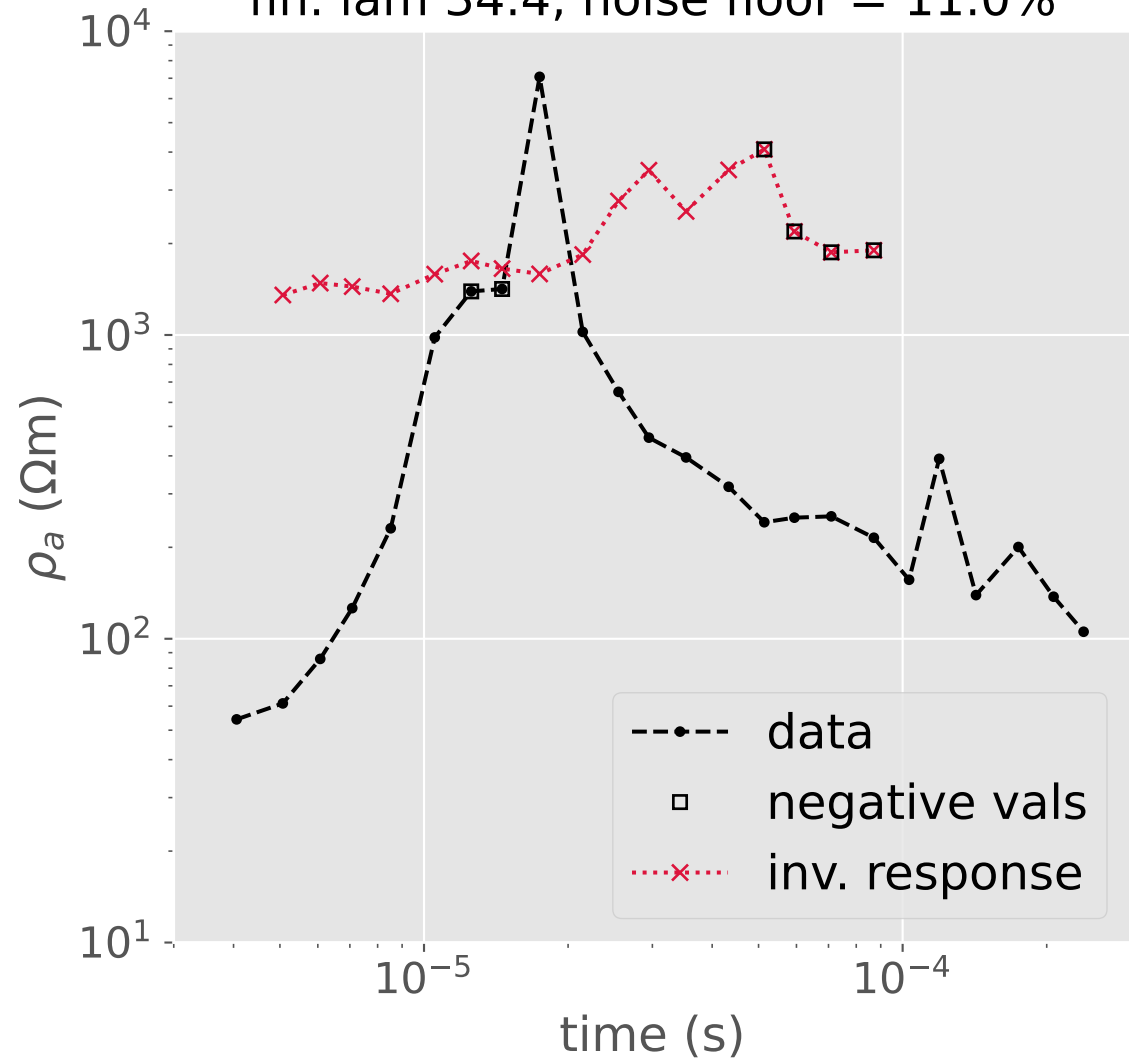


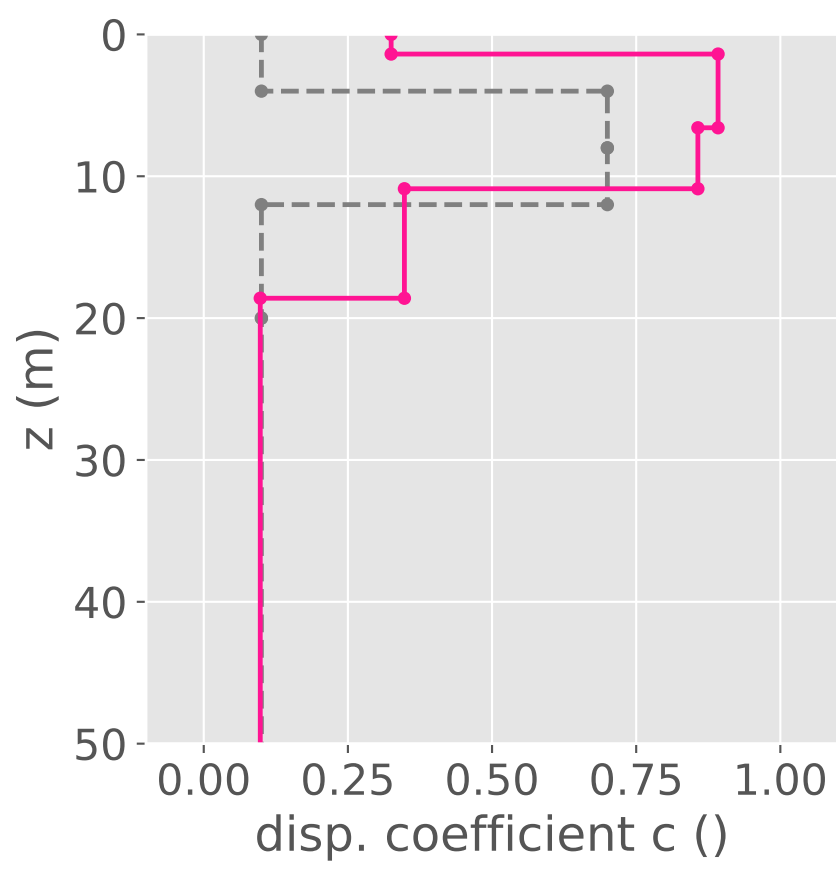
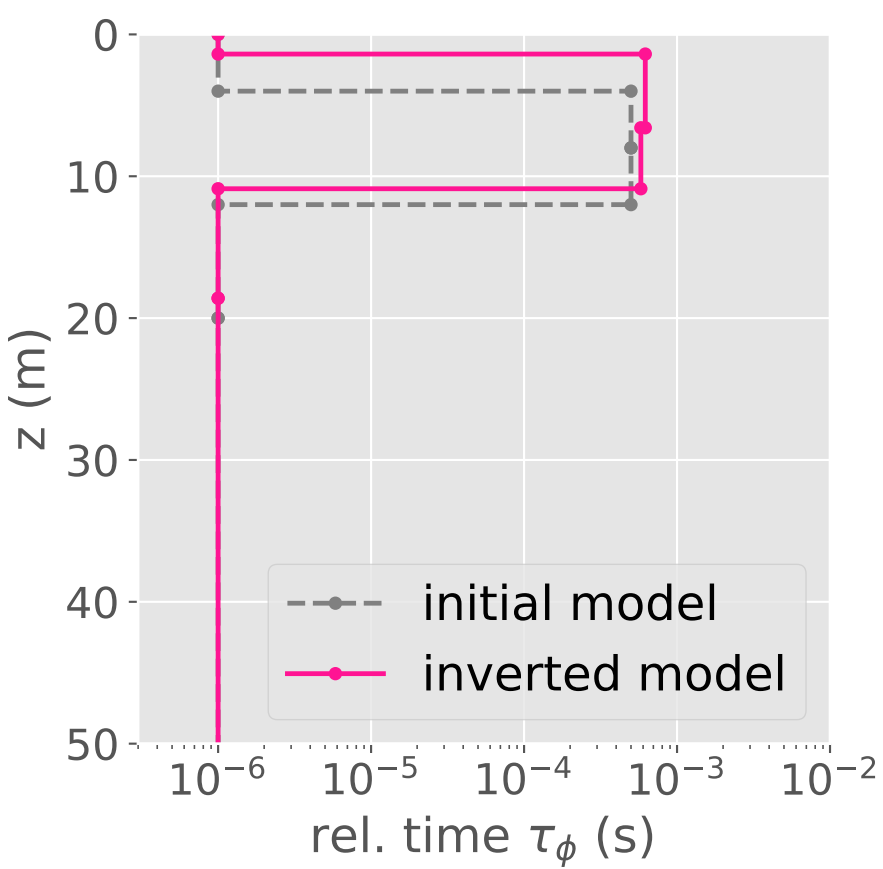
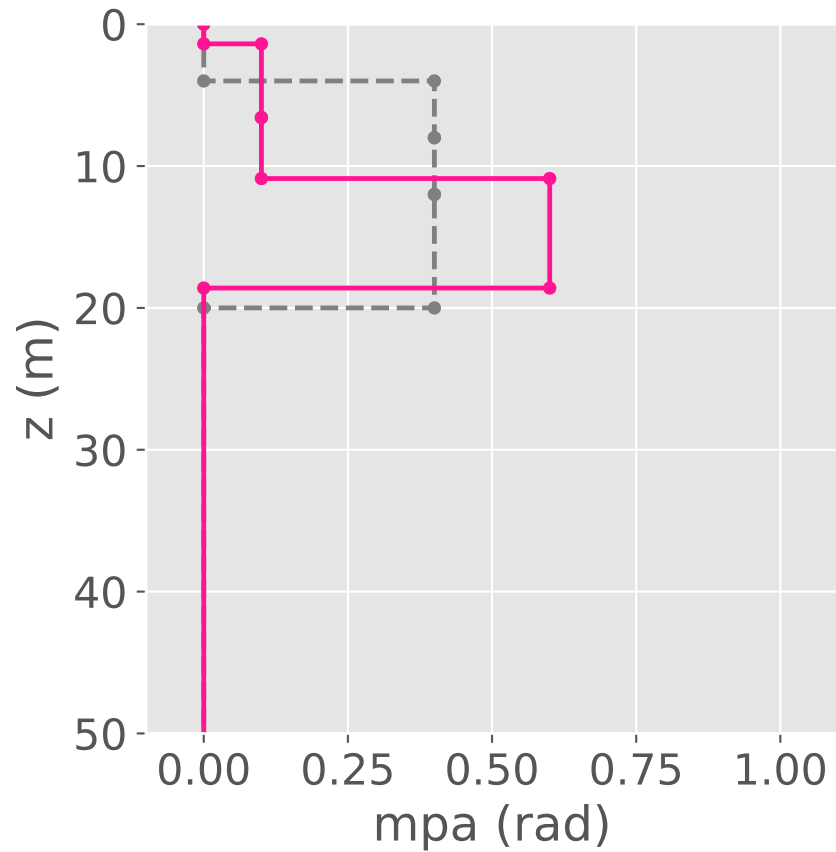
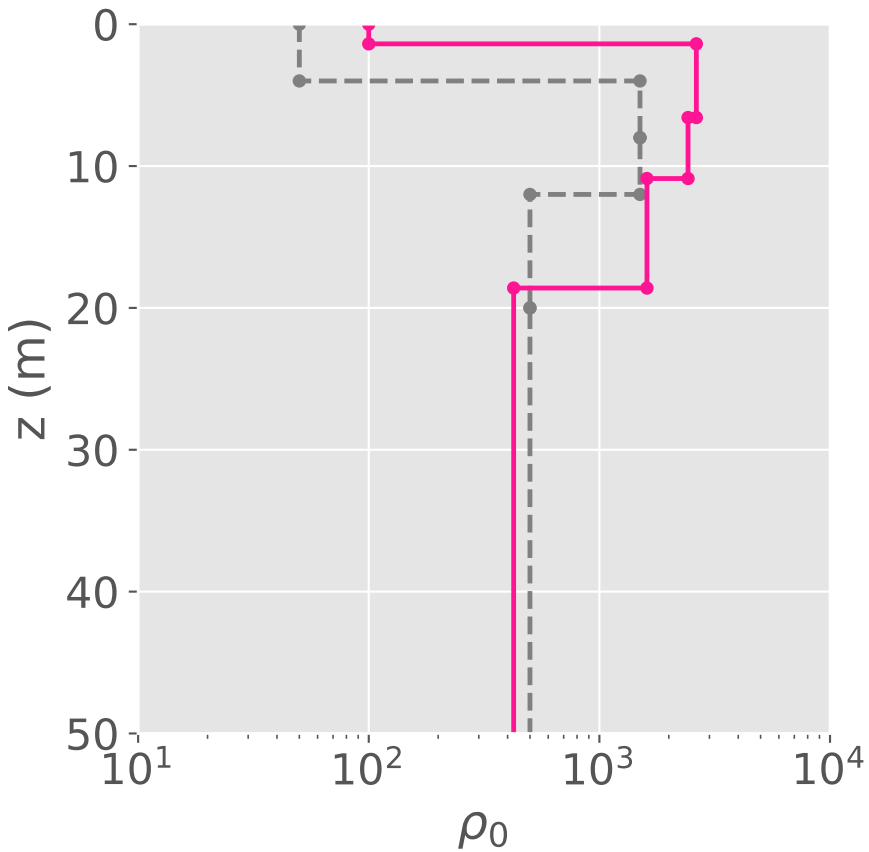


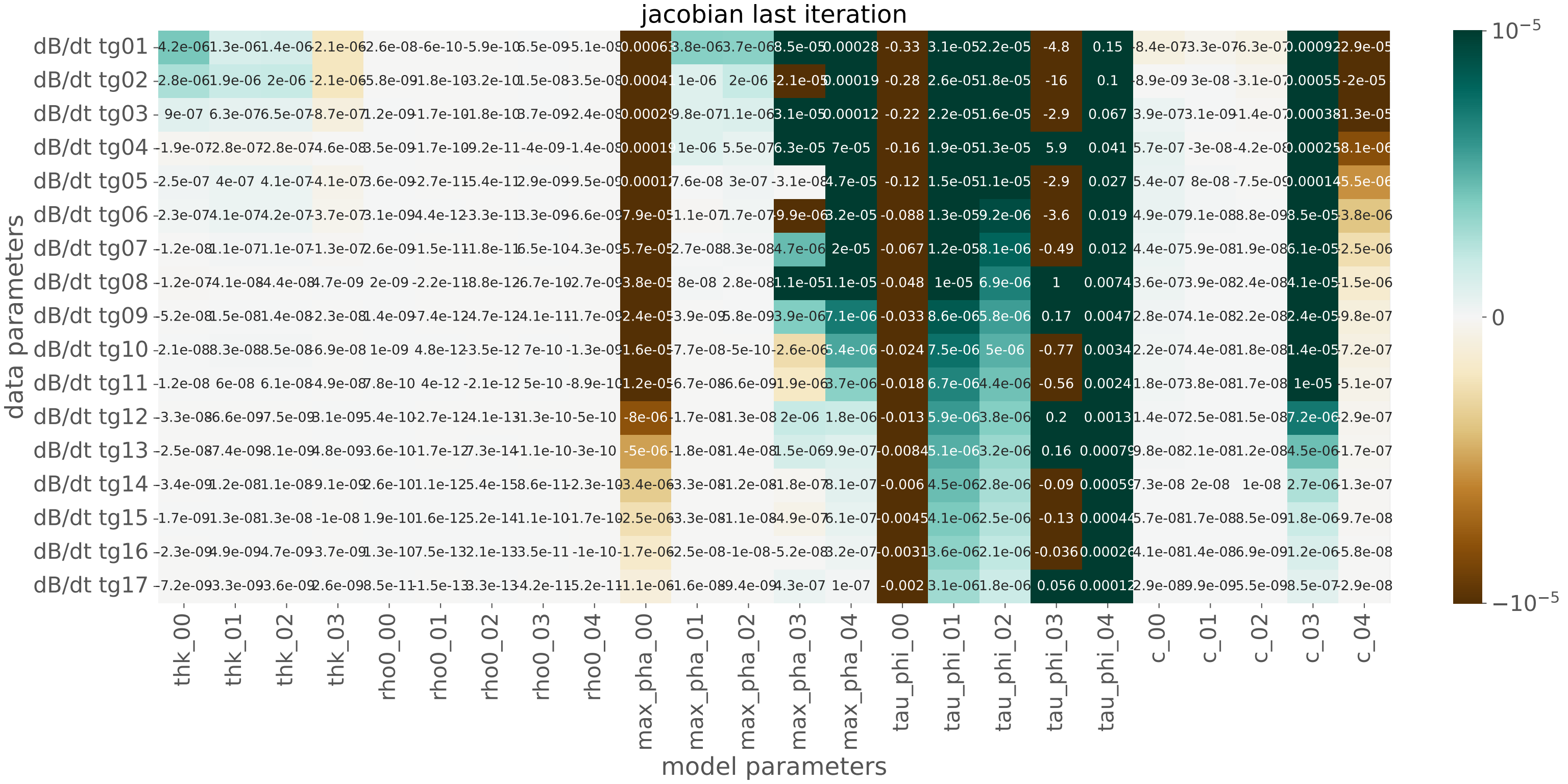
inv-run: 002, sndID: B040
chi2 = 80.53, rrms = 228.59%



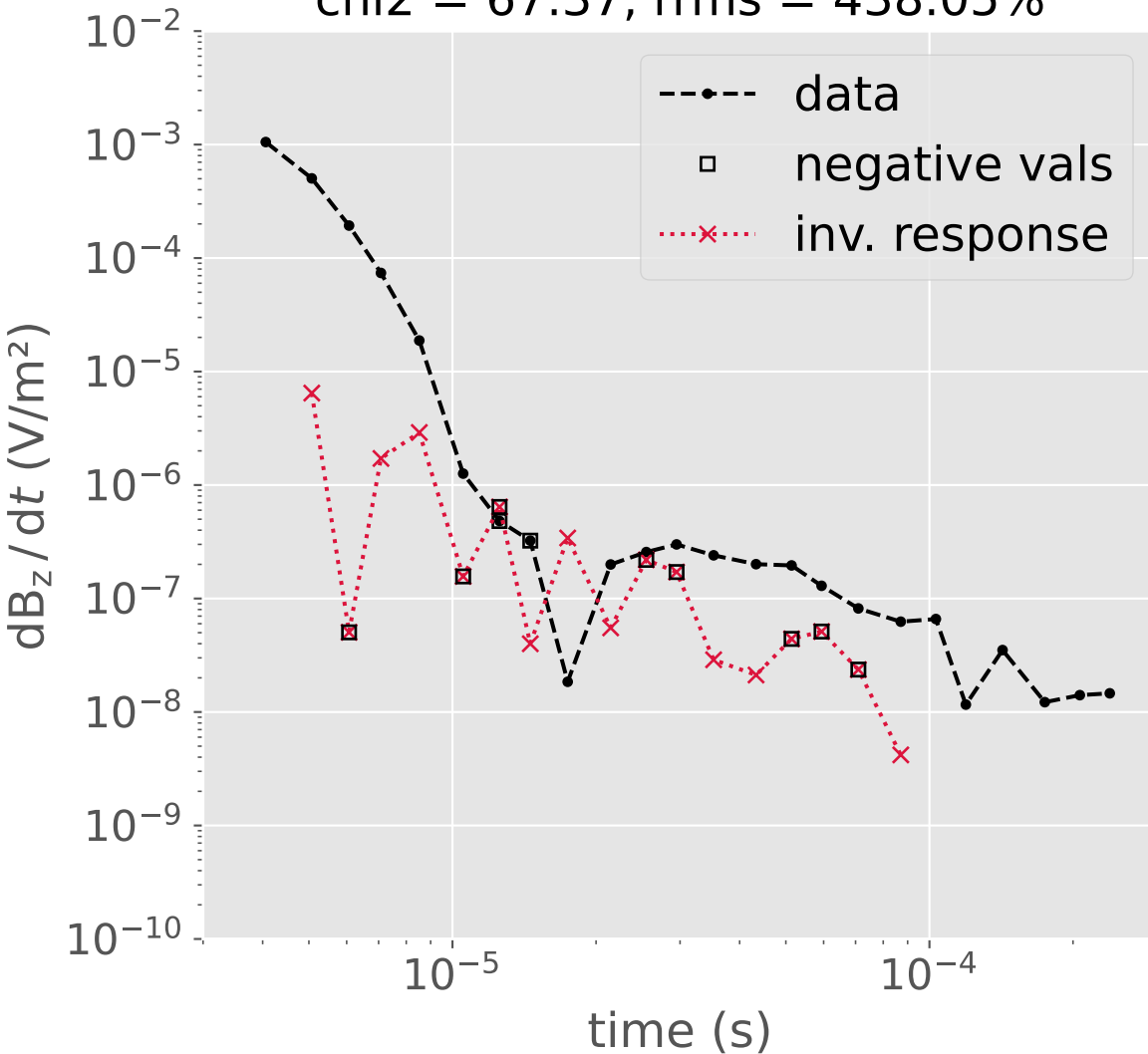
init. lam 500.0 cooling: 0.8, iters 11
fin. lam 34.4, noise floor = 11.0%



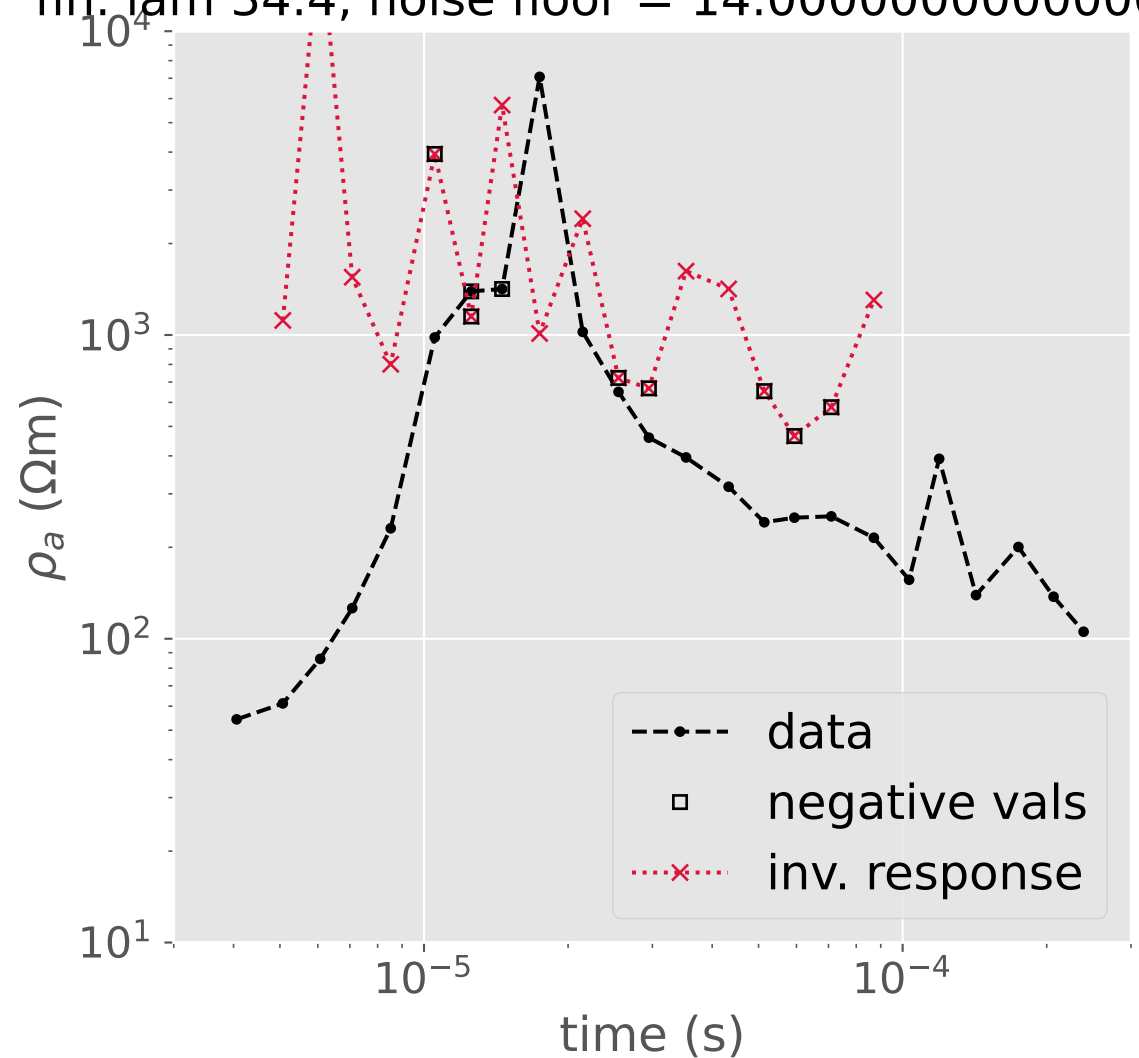


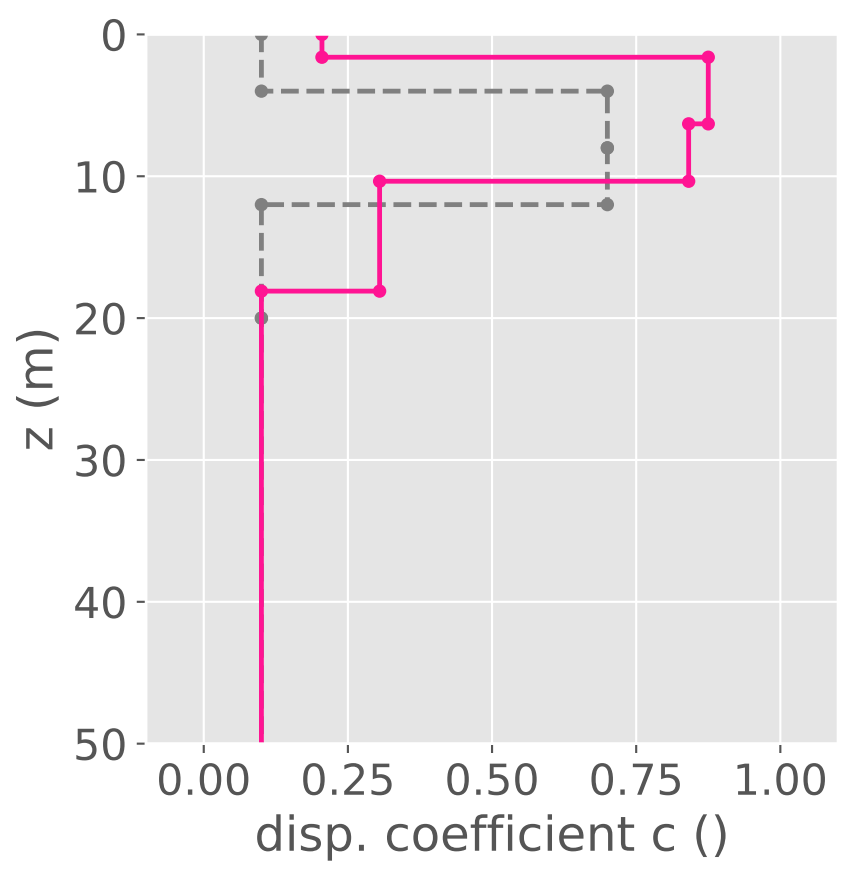
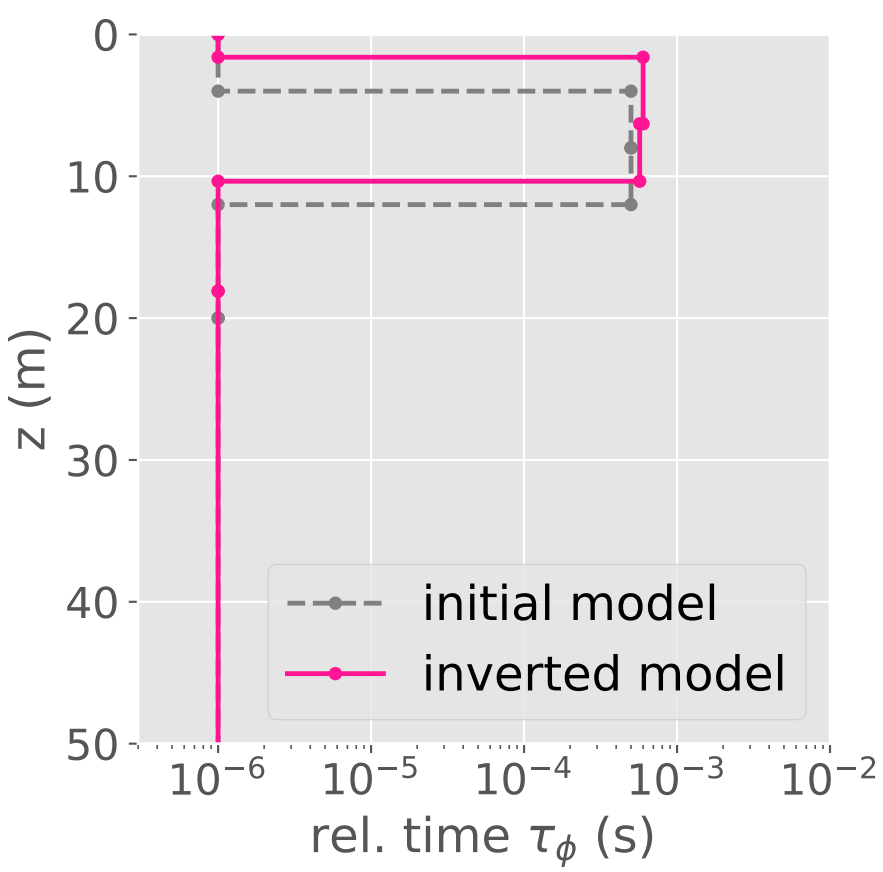
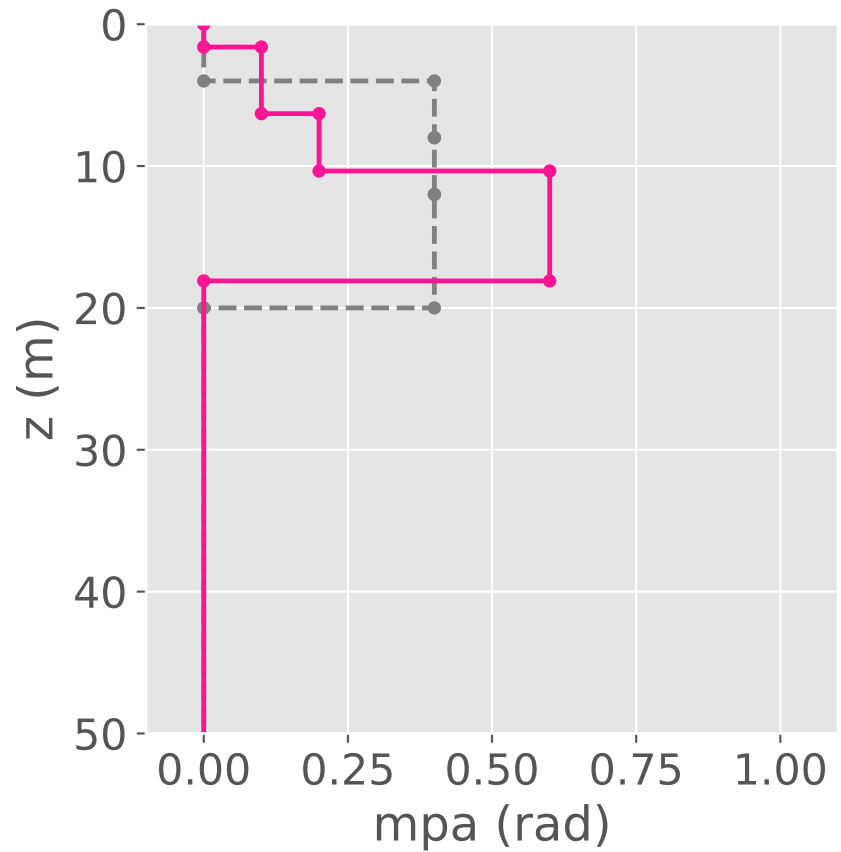
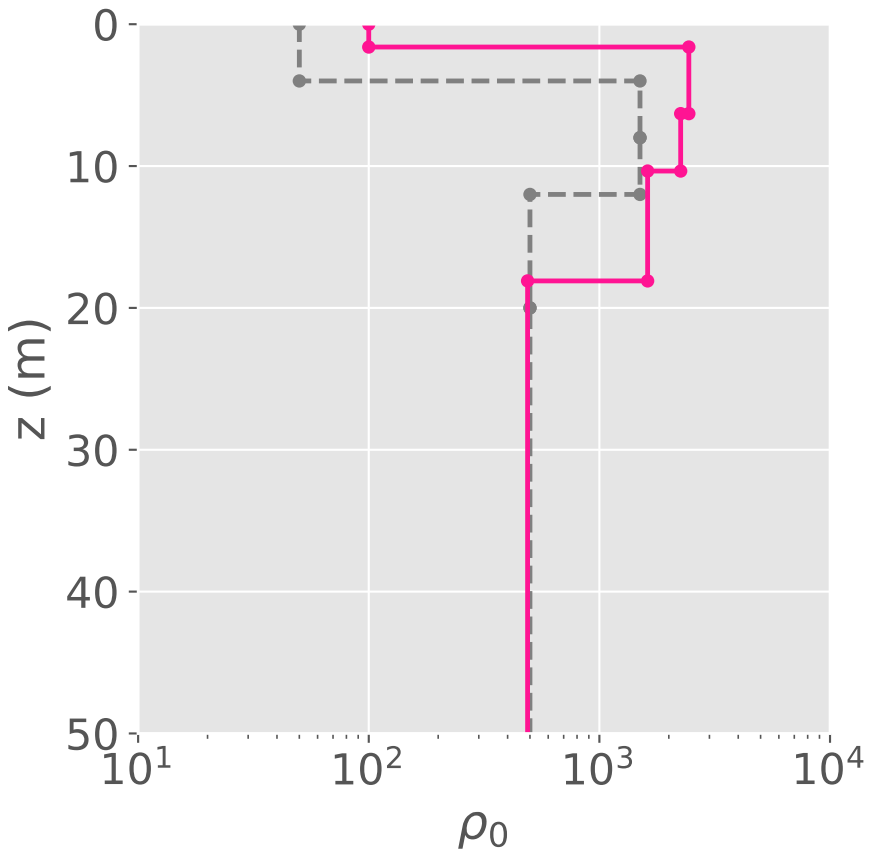


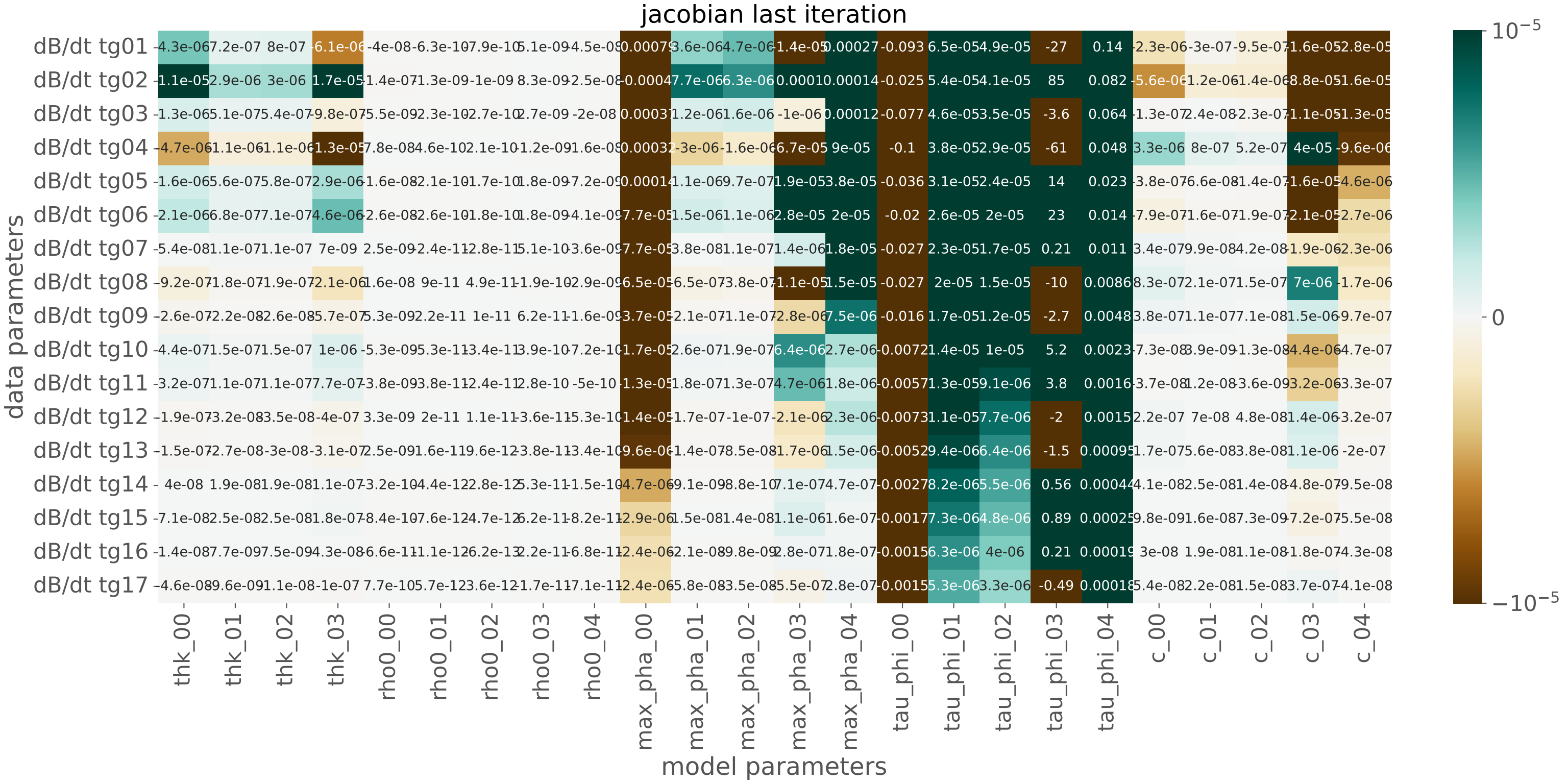
inv-run: 003, sndID: B040
chi2 = 67.37, rrms = 438.05%



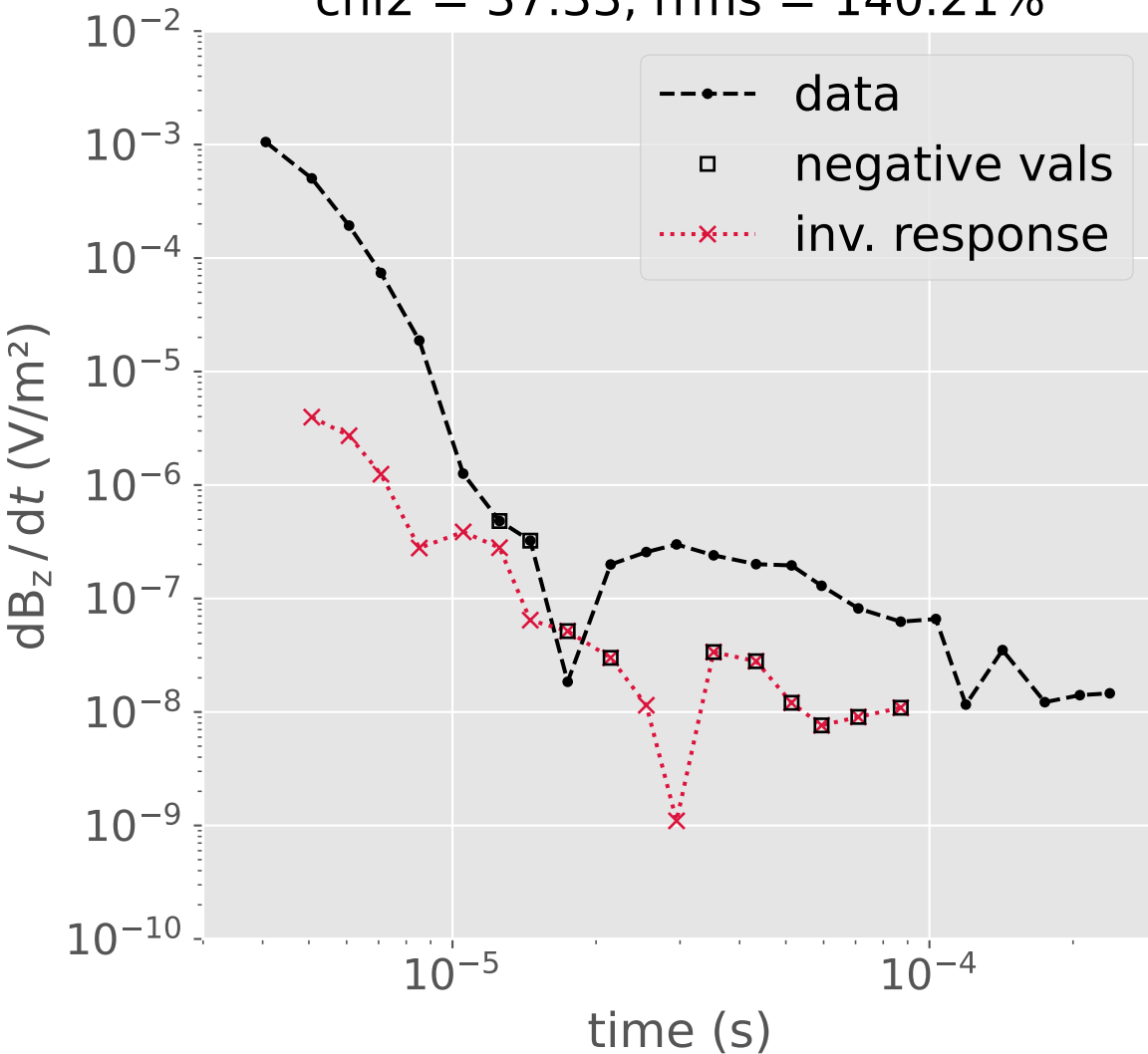
init. lam 500.0 cooling: 0.8, iters 11
fin. lam 34.4, noise floor = 14.000000000000000



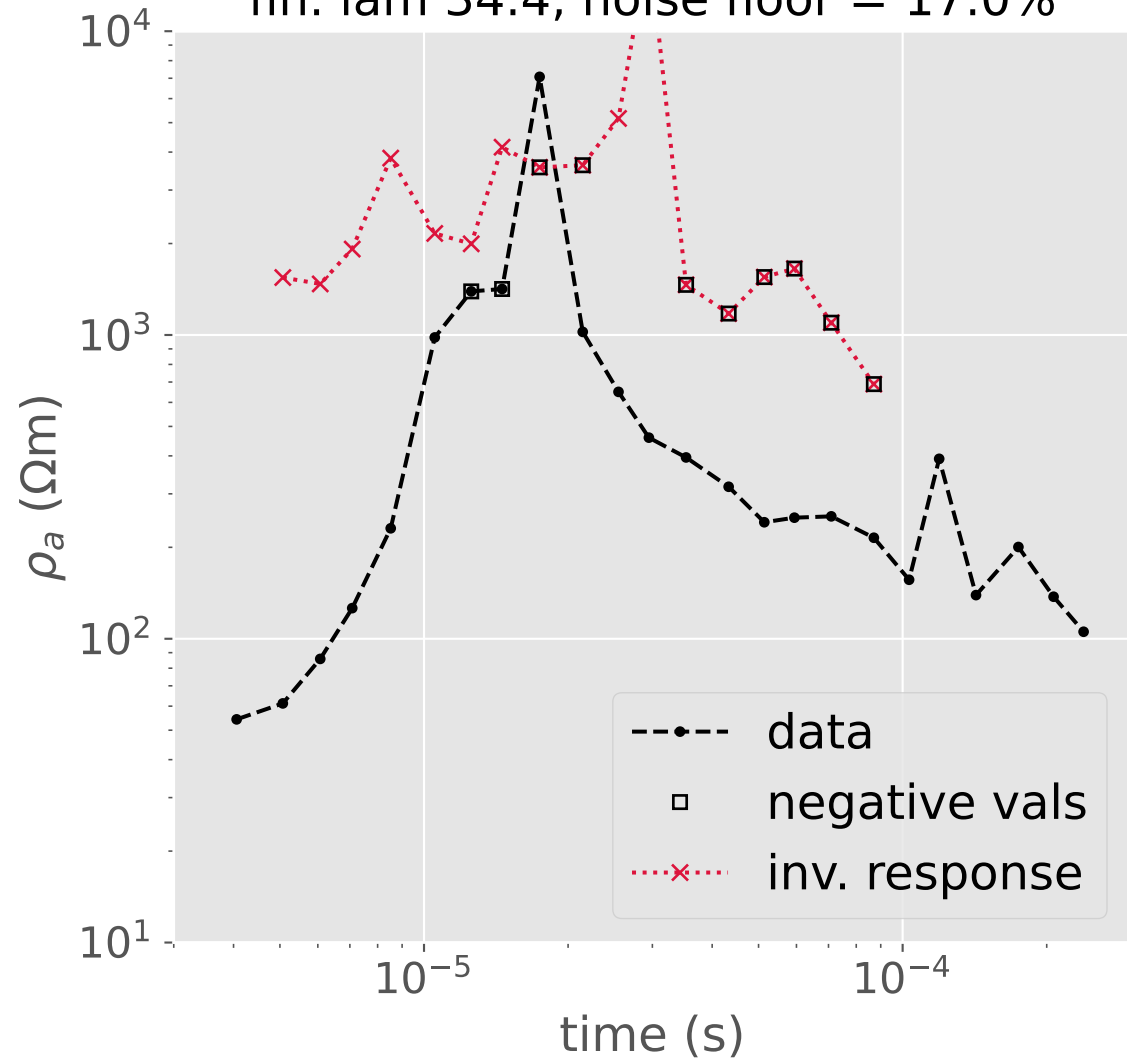


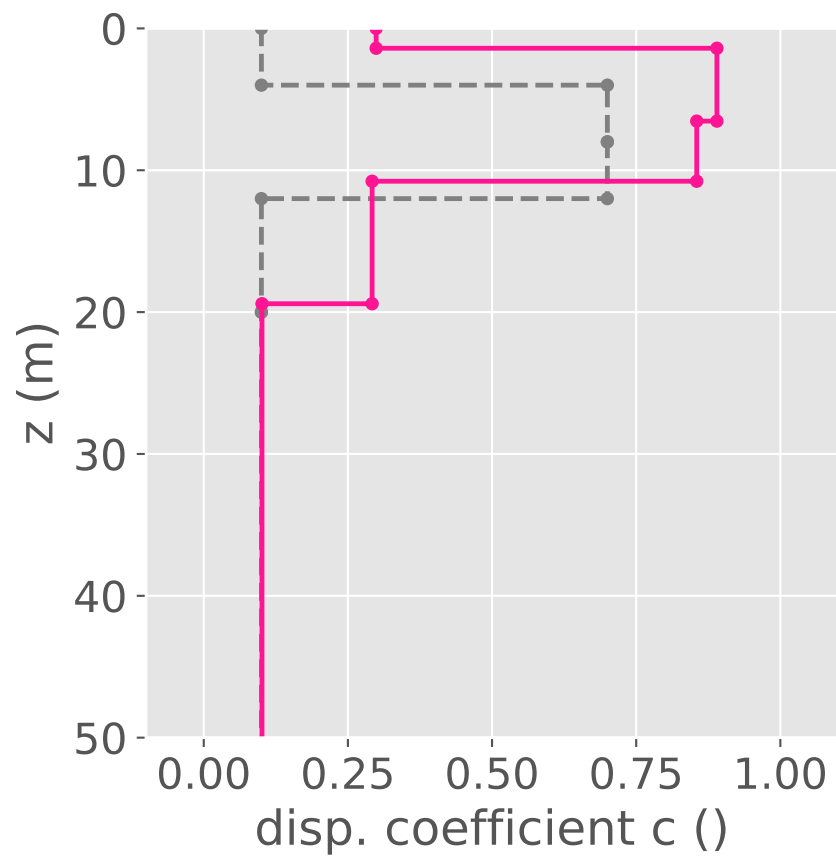
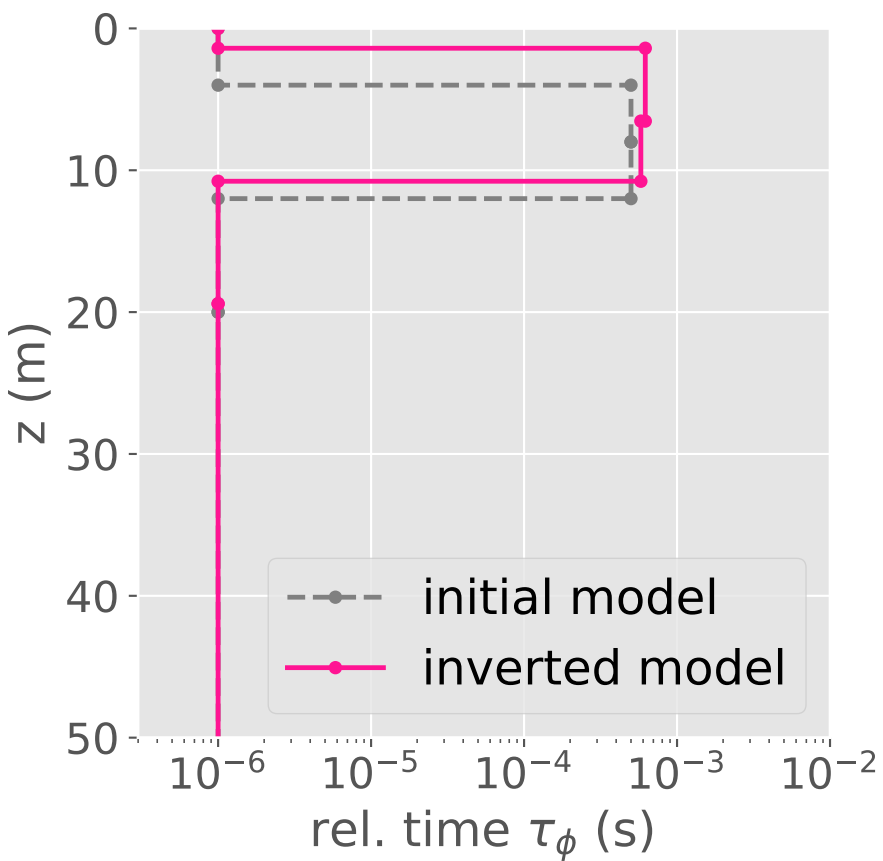
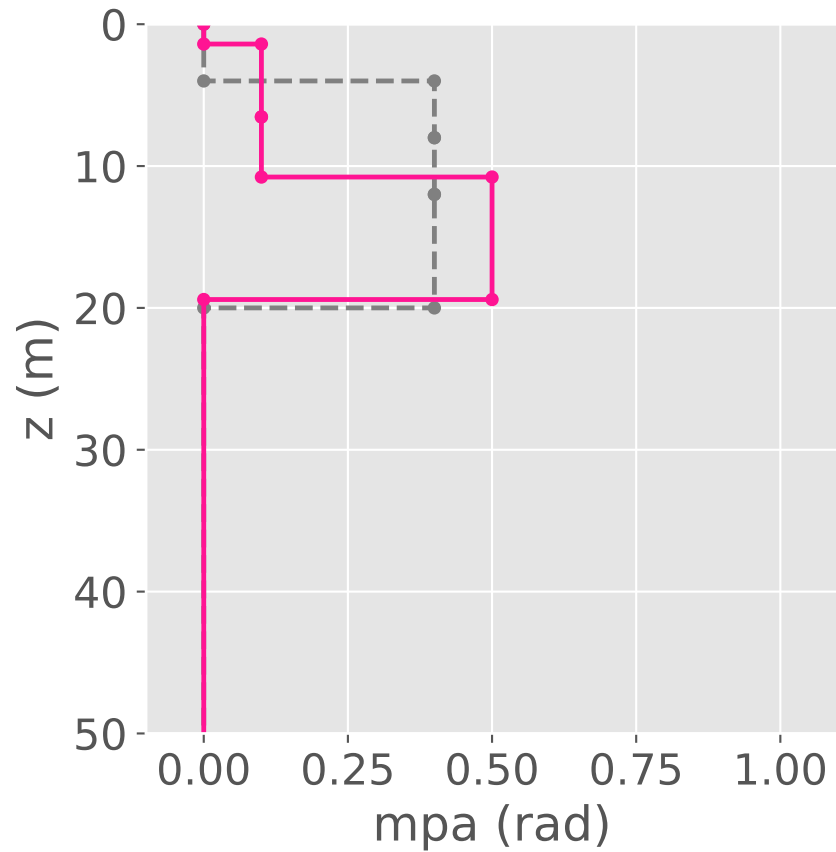
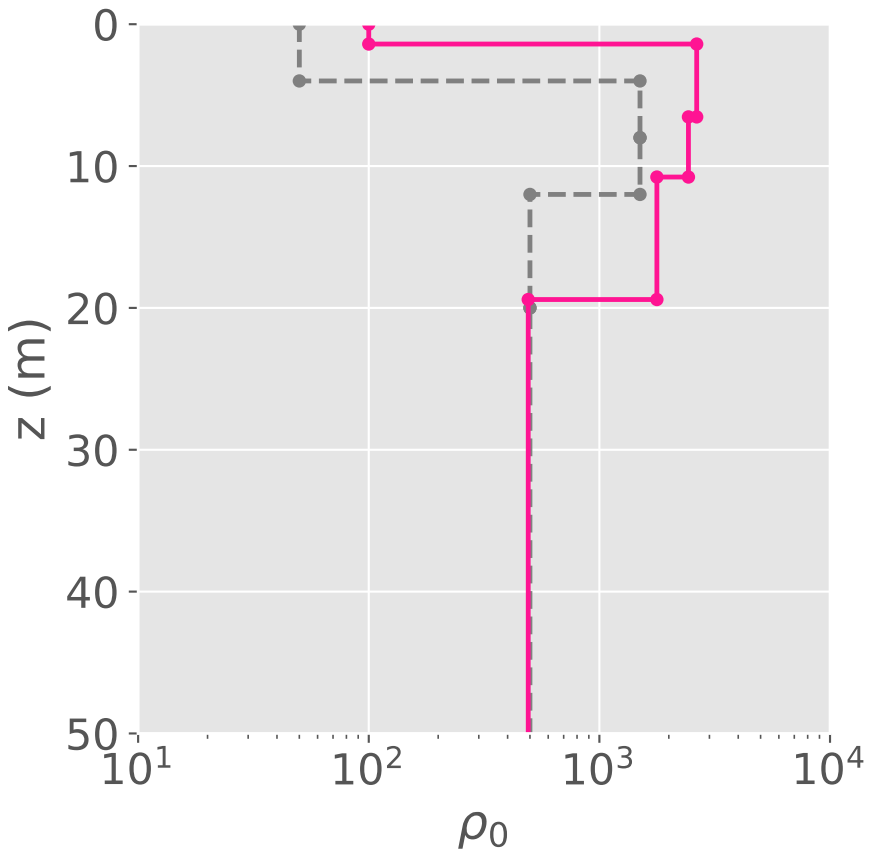


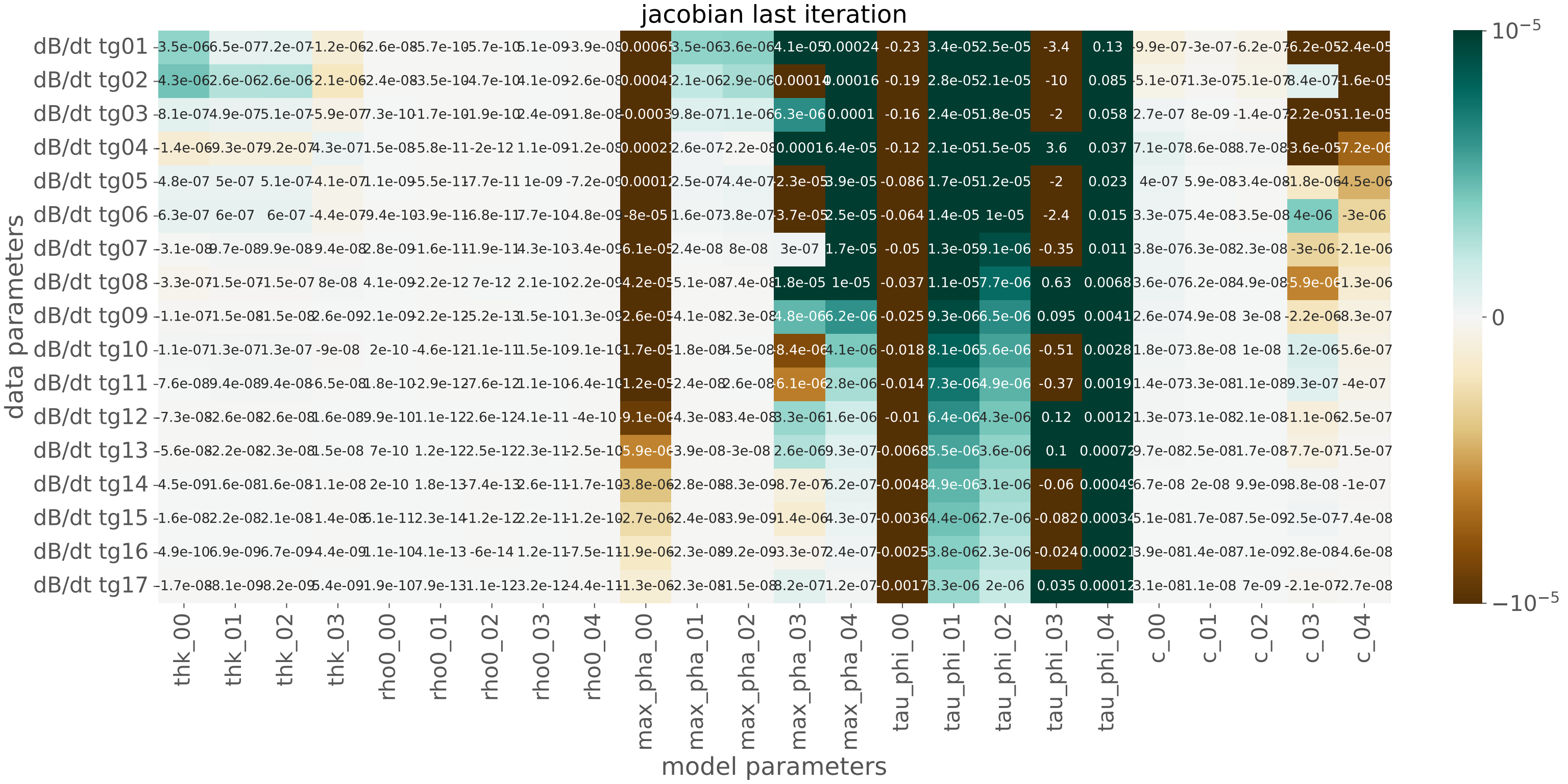
inv-run: 004, sndID: B040
chi2 = 37.33, rrms = 140.21%



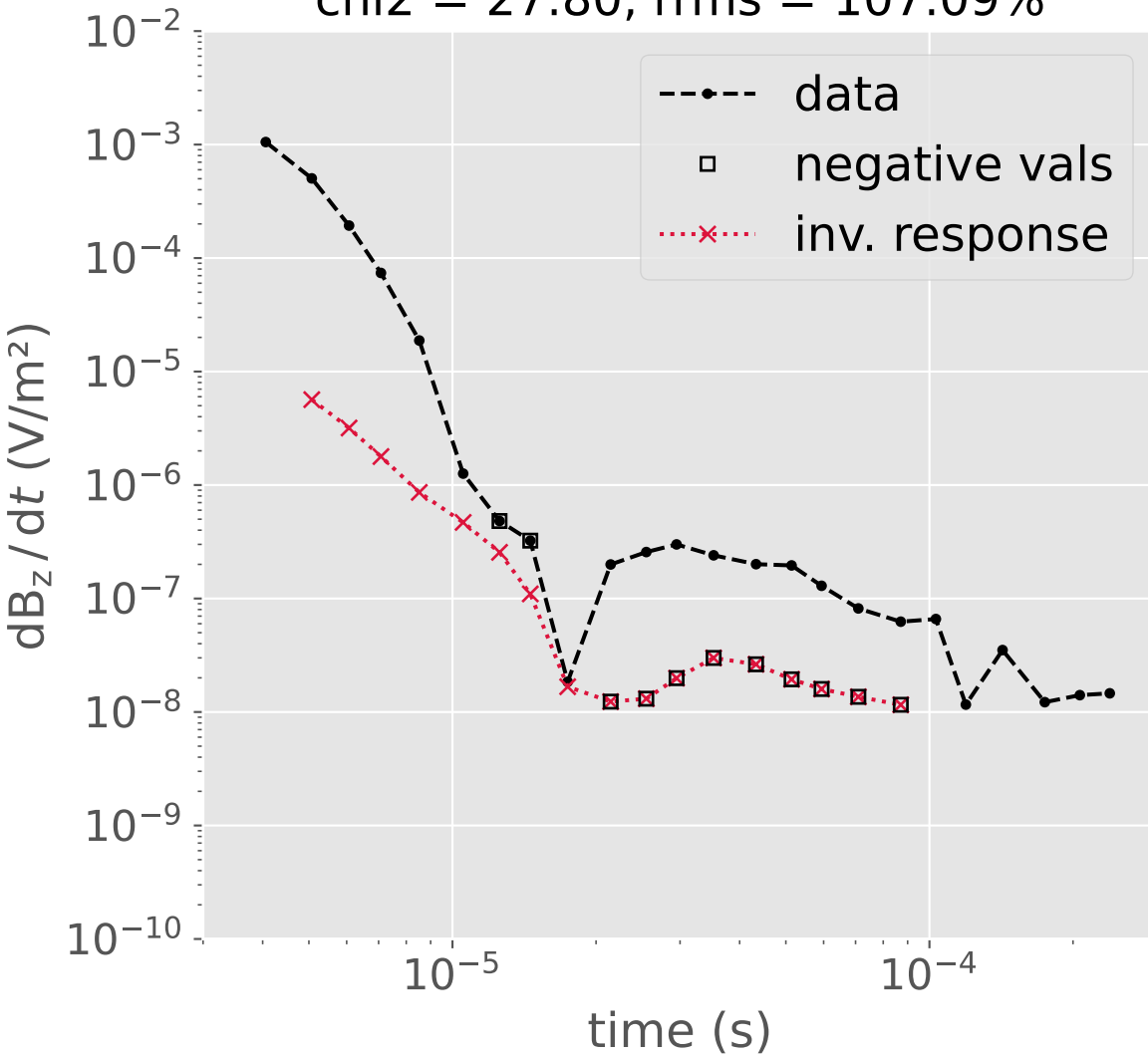
init. lam 500.0 cooling: 0.8, iters 11
fin. lam 34.4, noise floor = 17.0%



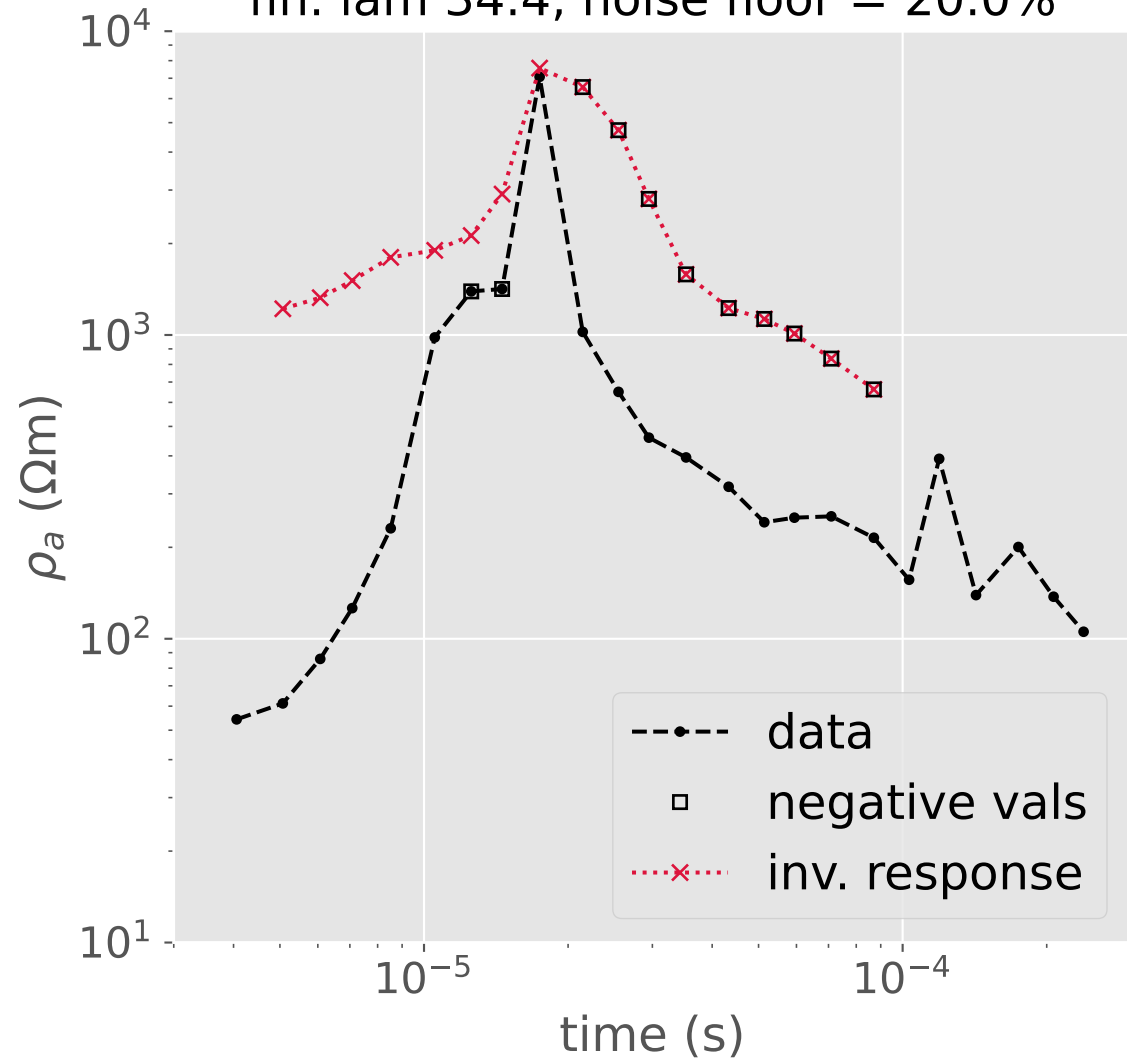


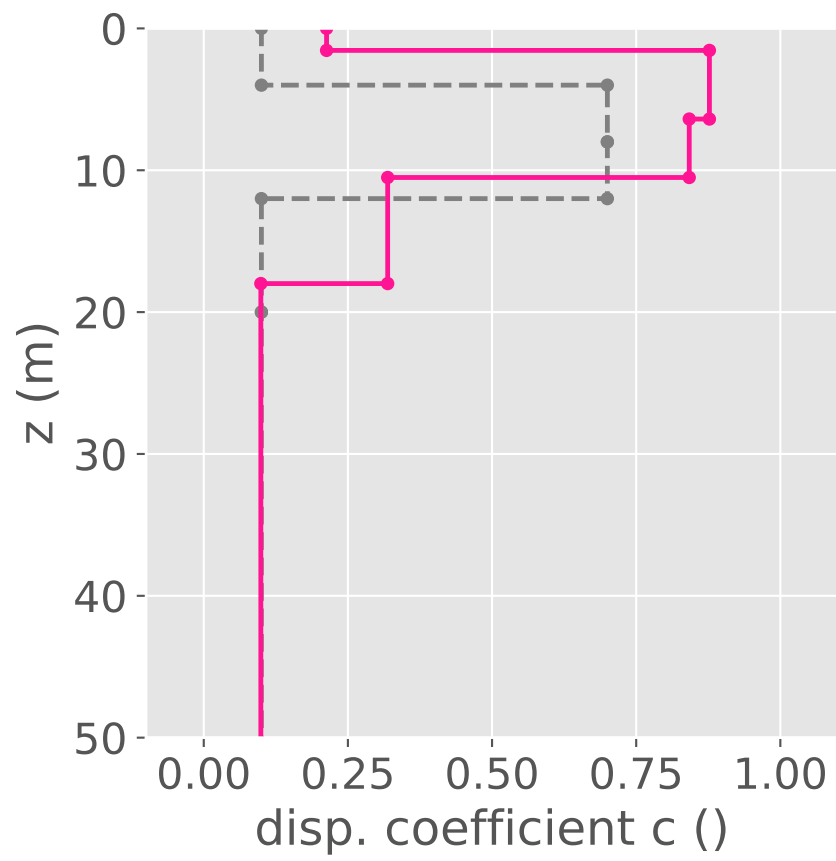
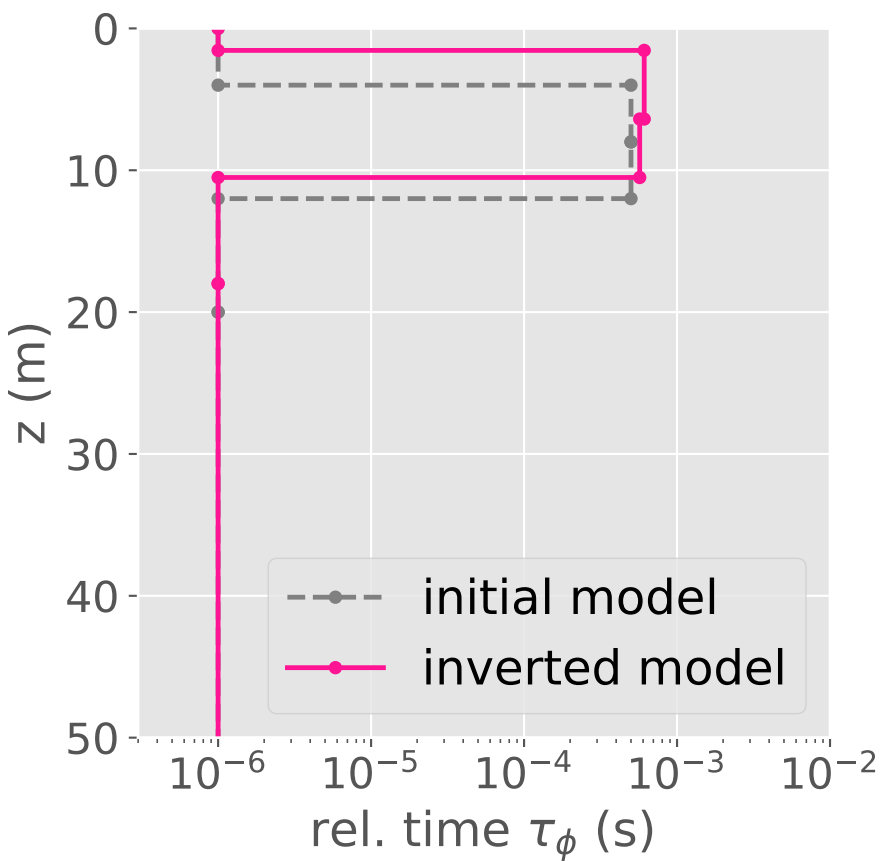
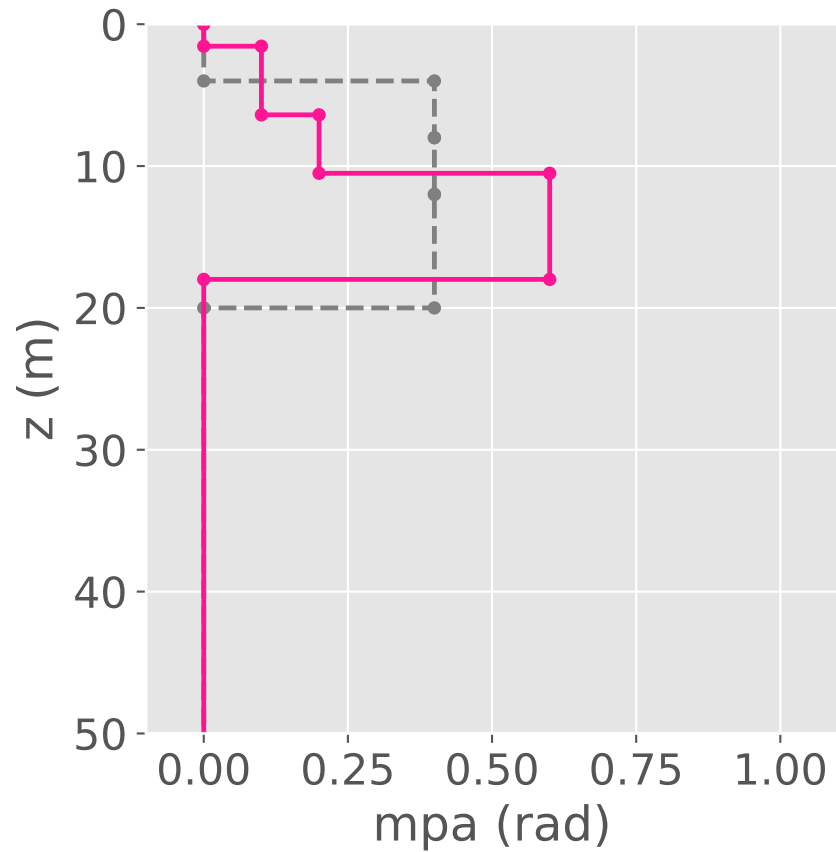
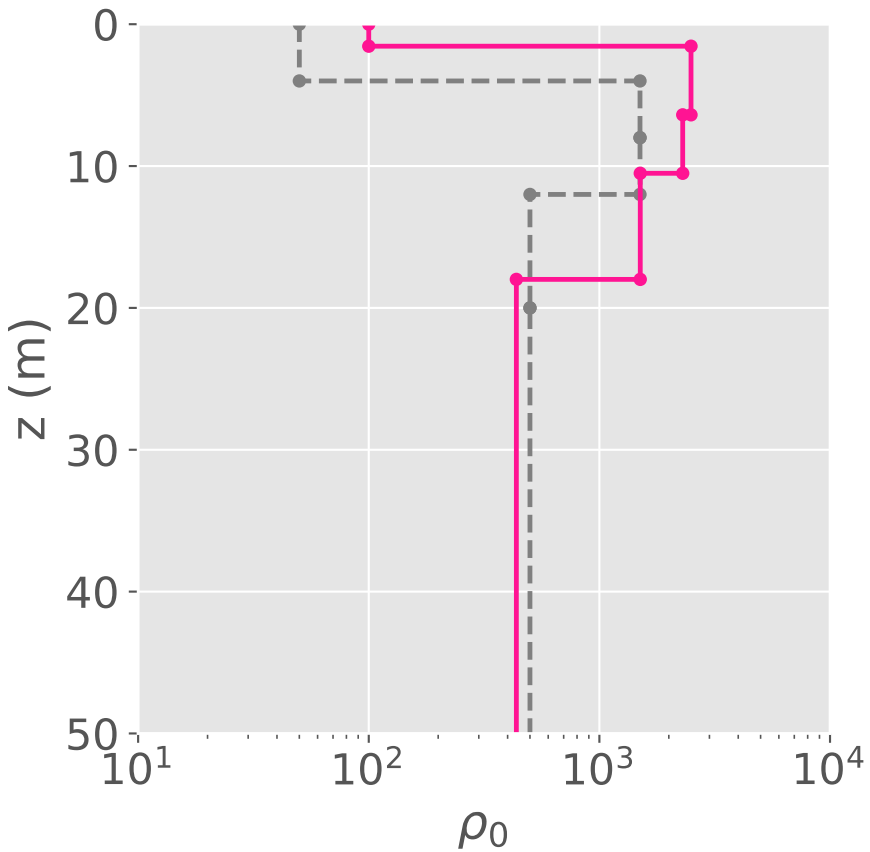


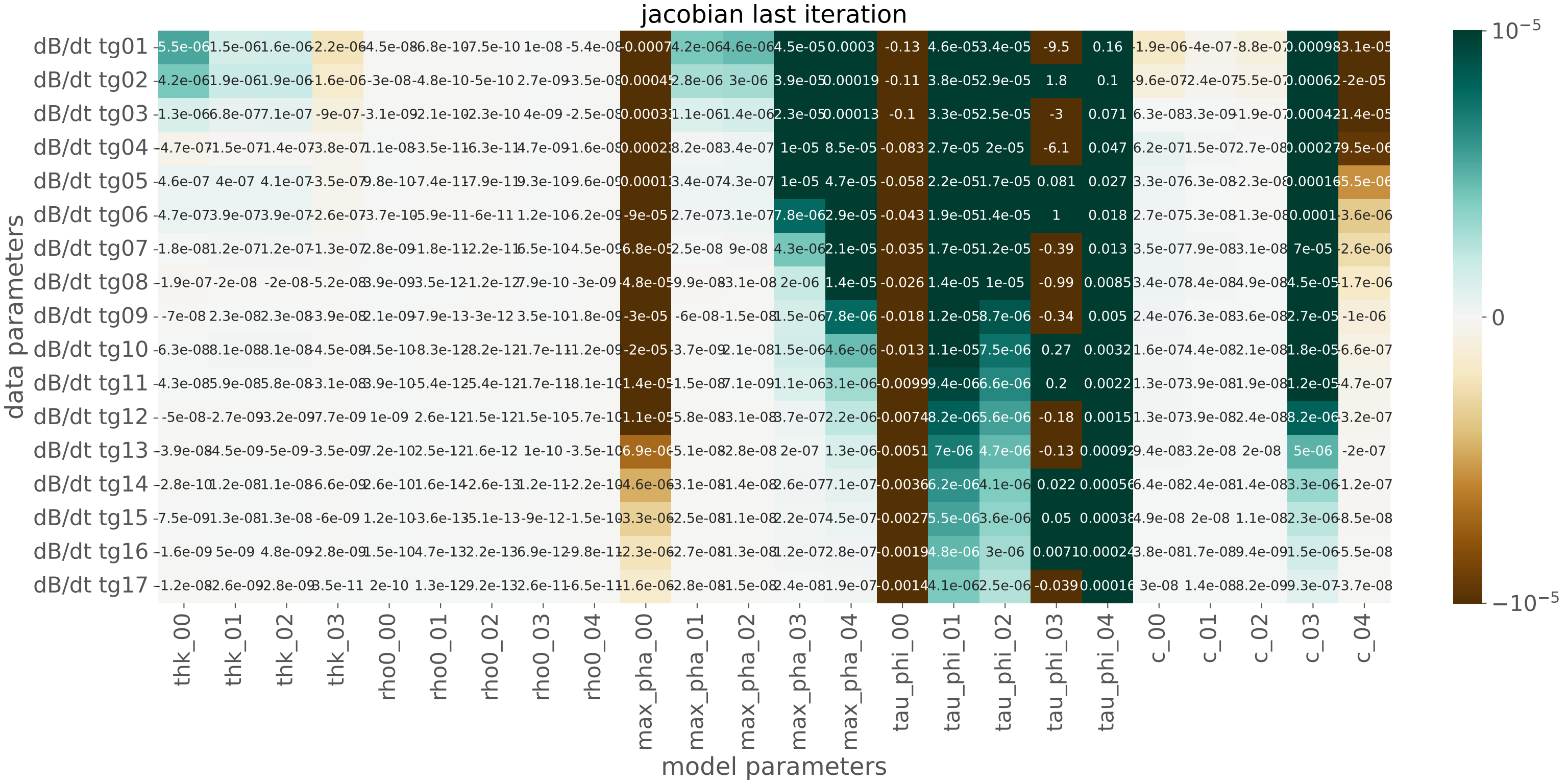
inv-run: 005, sndID: B040
chi2 = 27.80, rrms = 107.09%



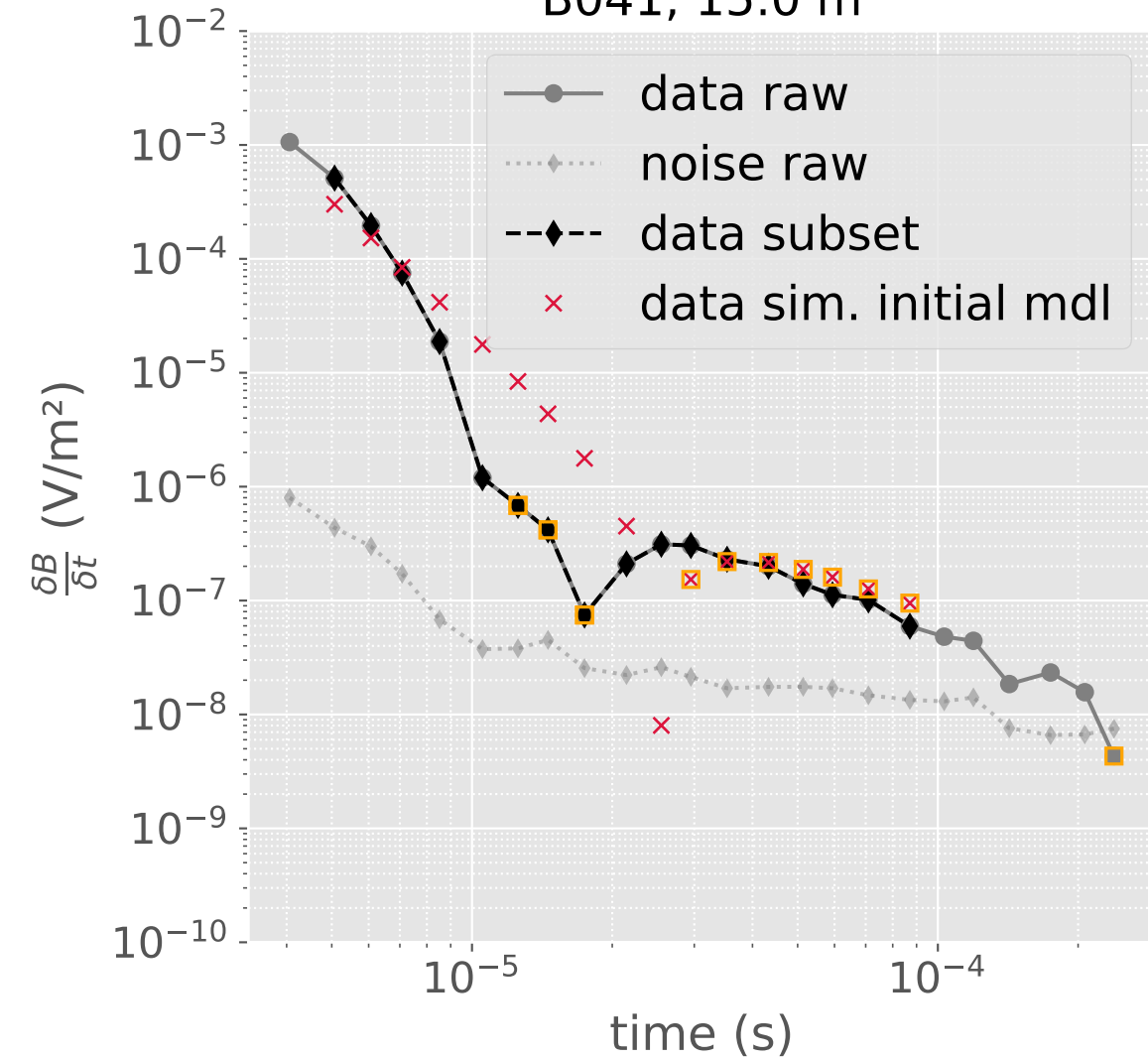
init. lam 500.0 cooling: 0.8, iters 11
fin. lam 34.4, noise floor = 20.0%



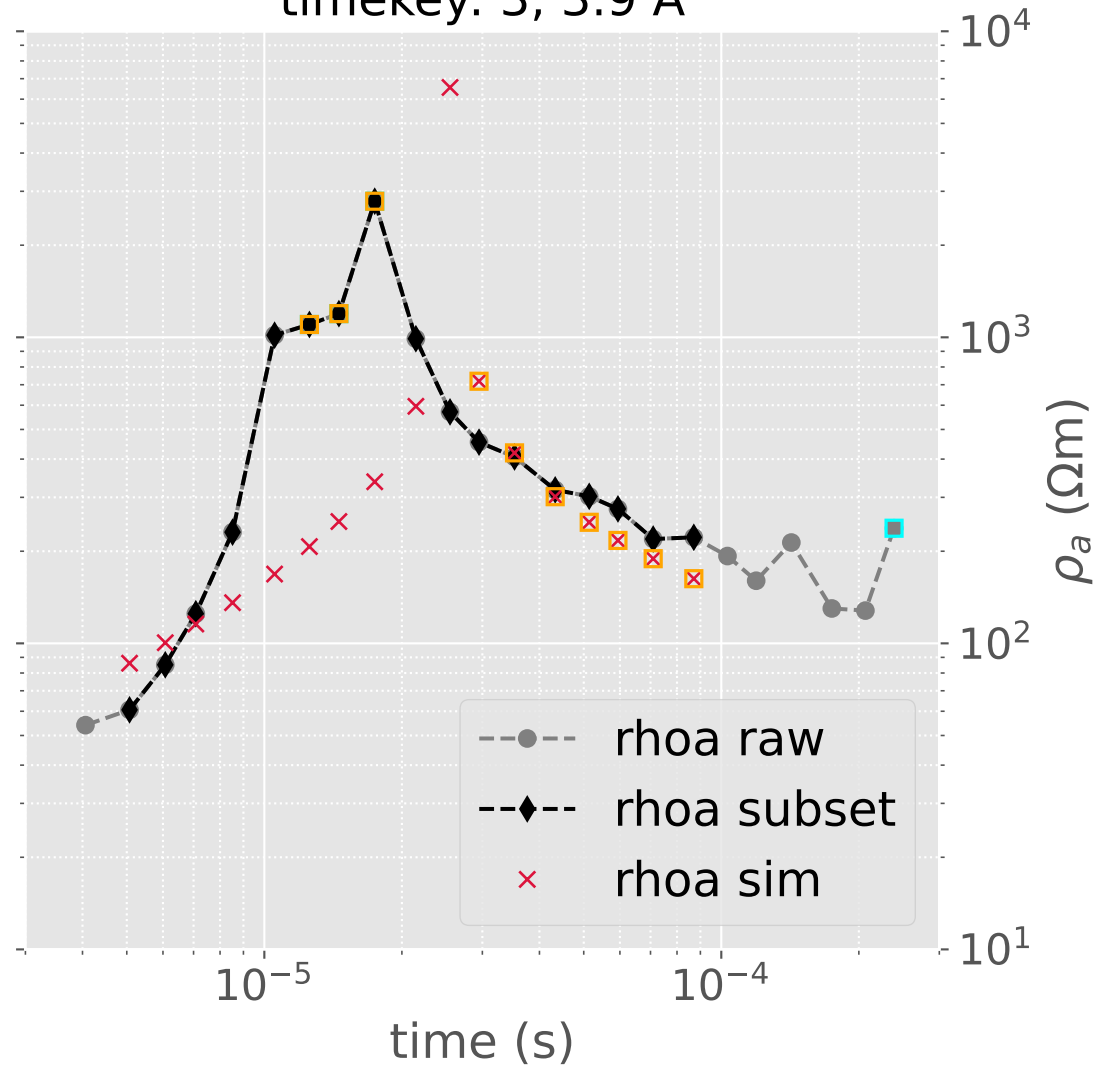




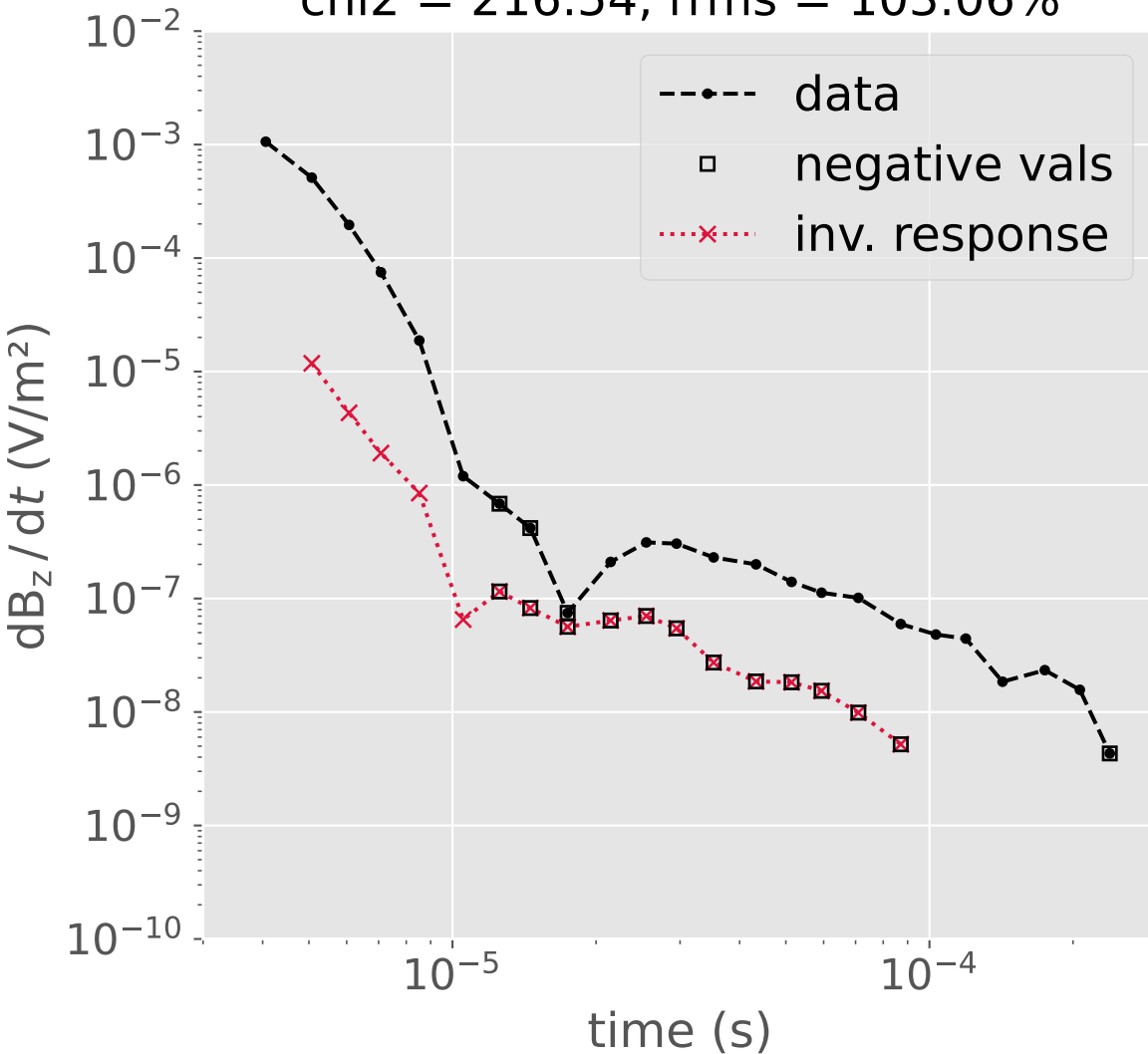
B041, 15.0 m



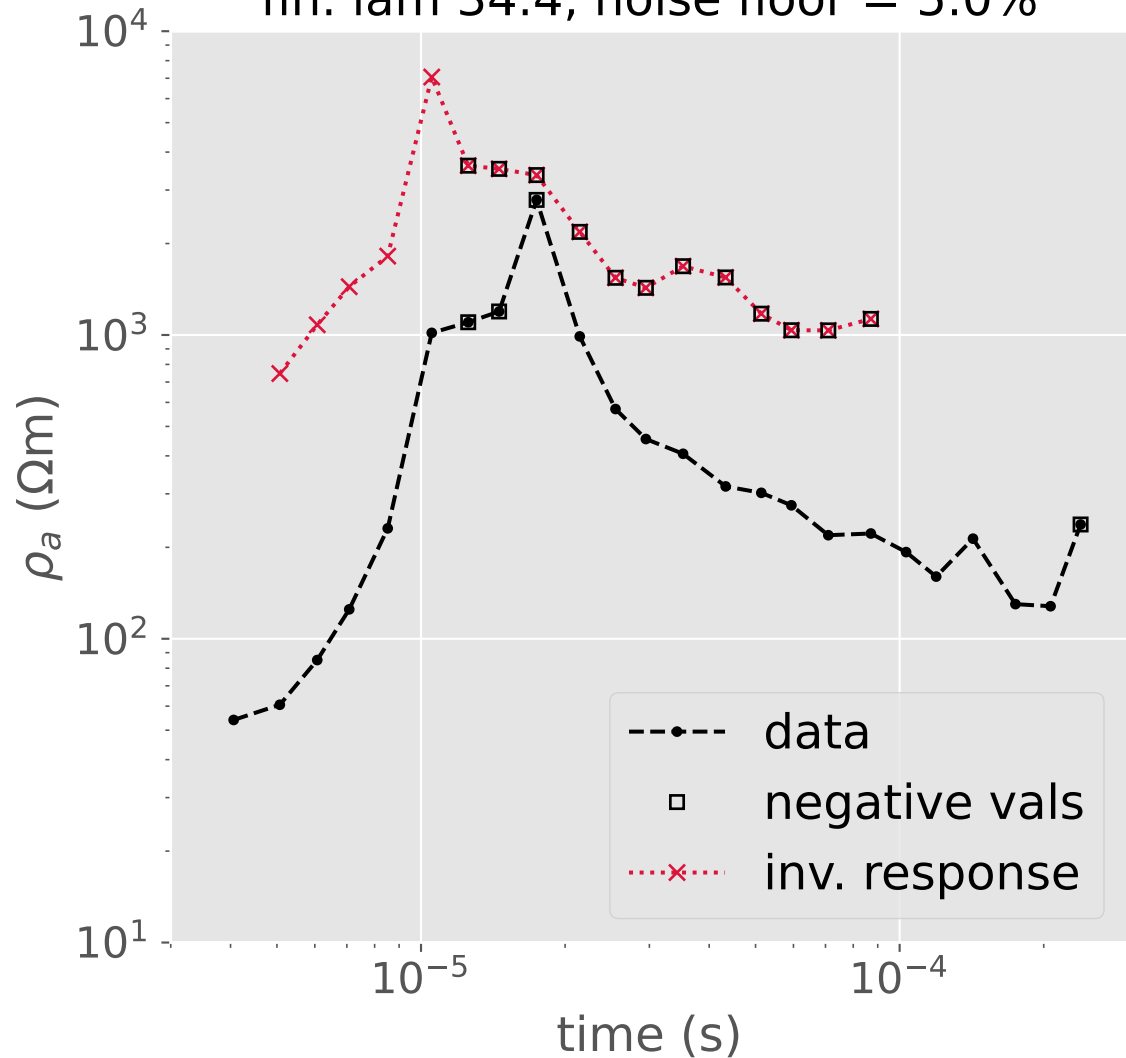
timekey: 3, 3.9 A

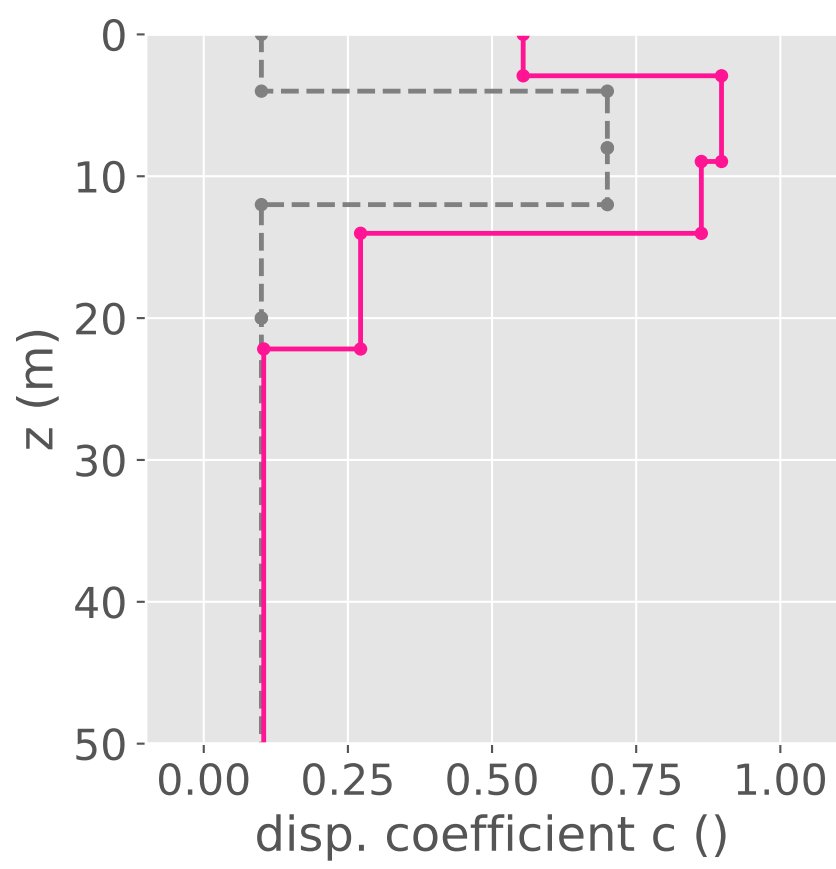
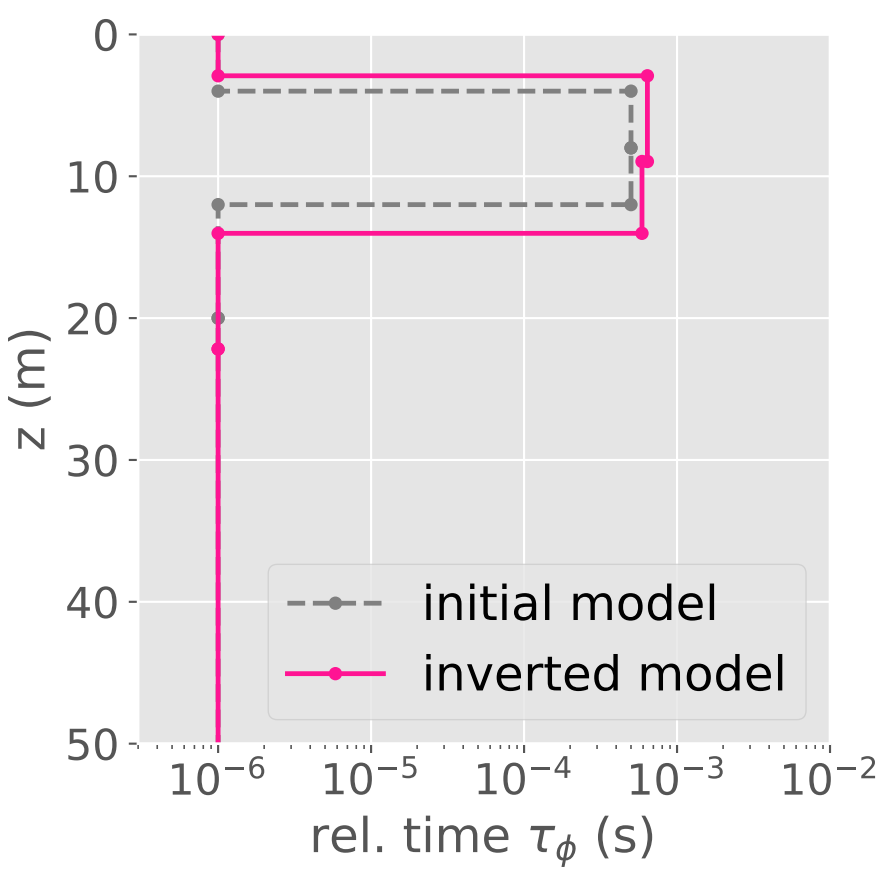
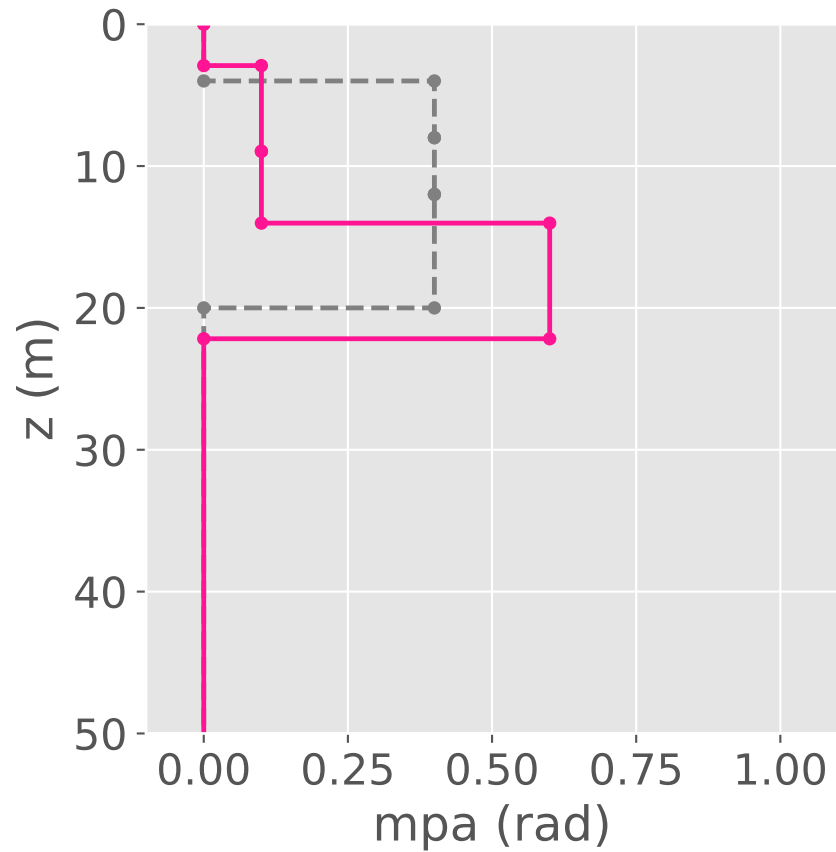
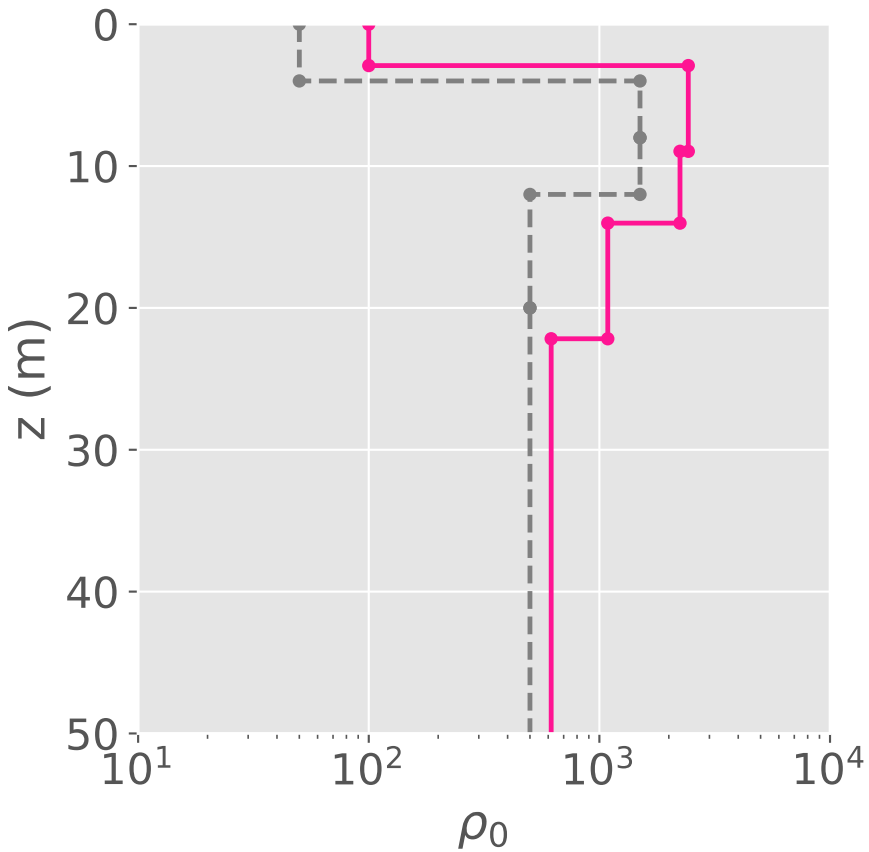


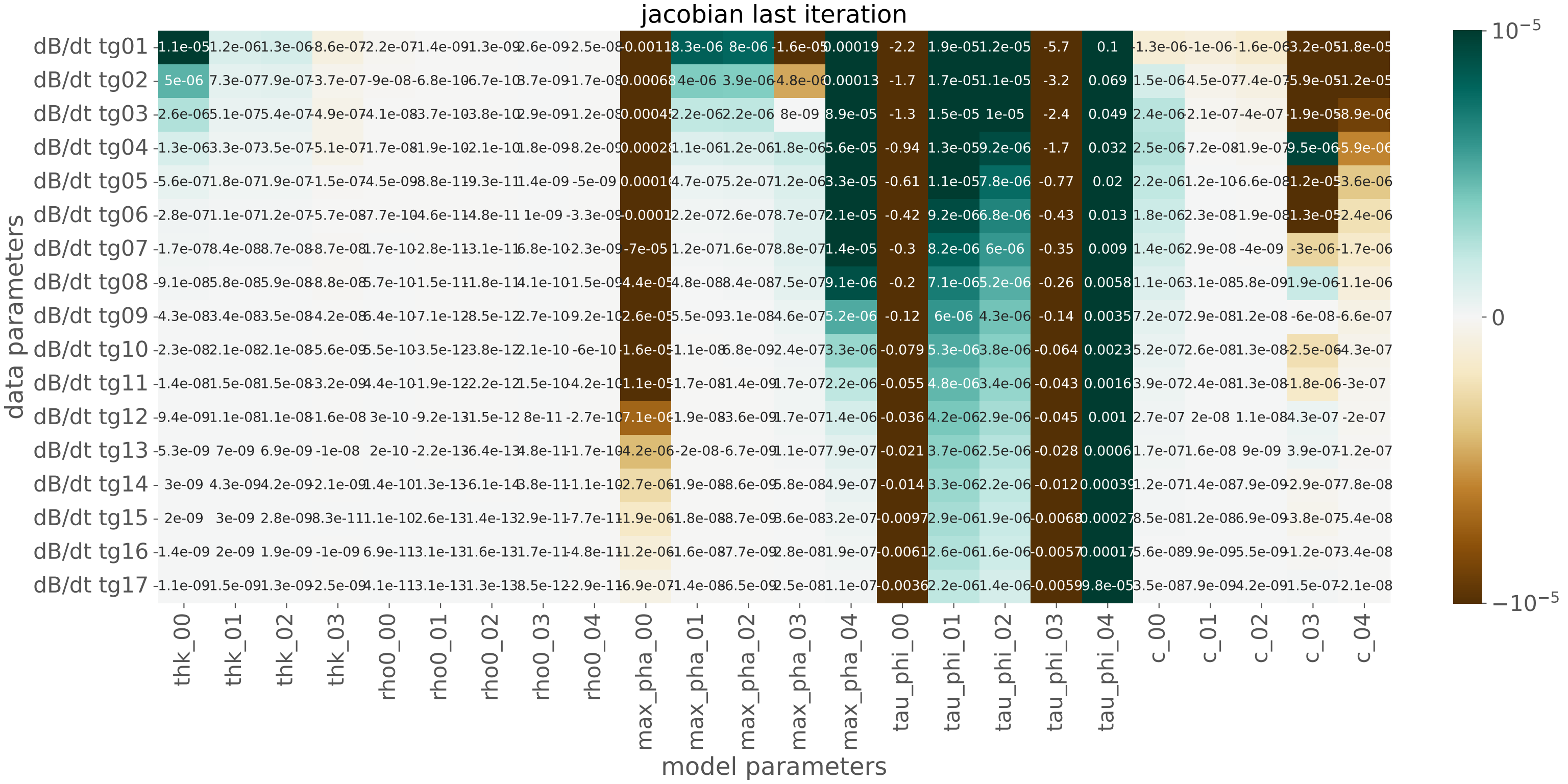
inv-run: 000, sndID: B041
chi2 = 216.54, rrms = 103.06%



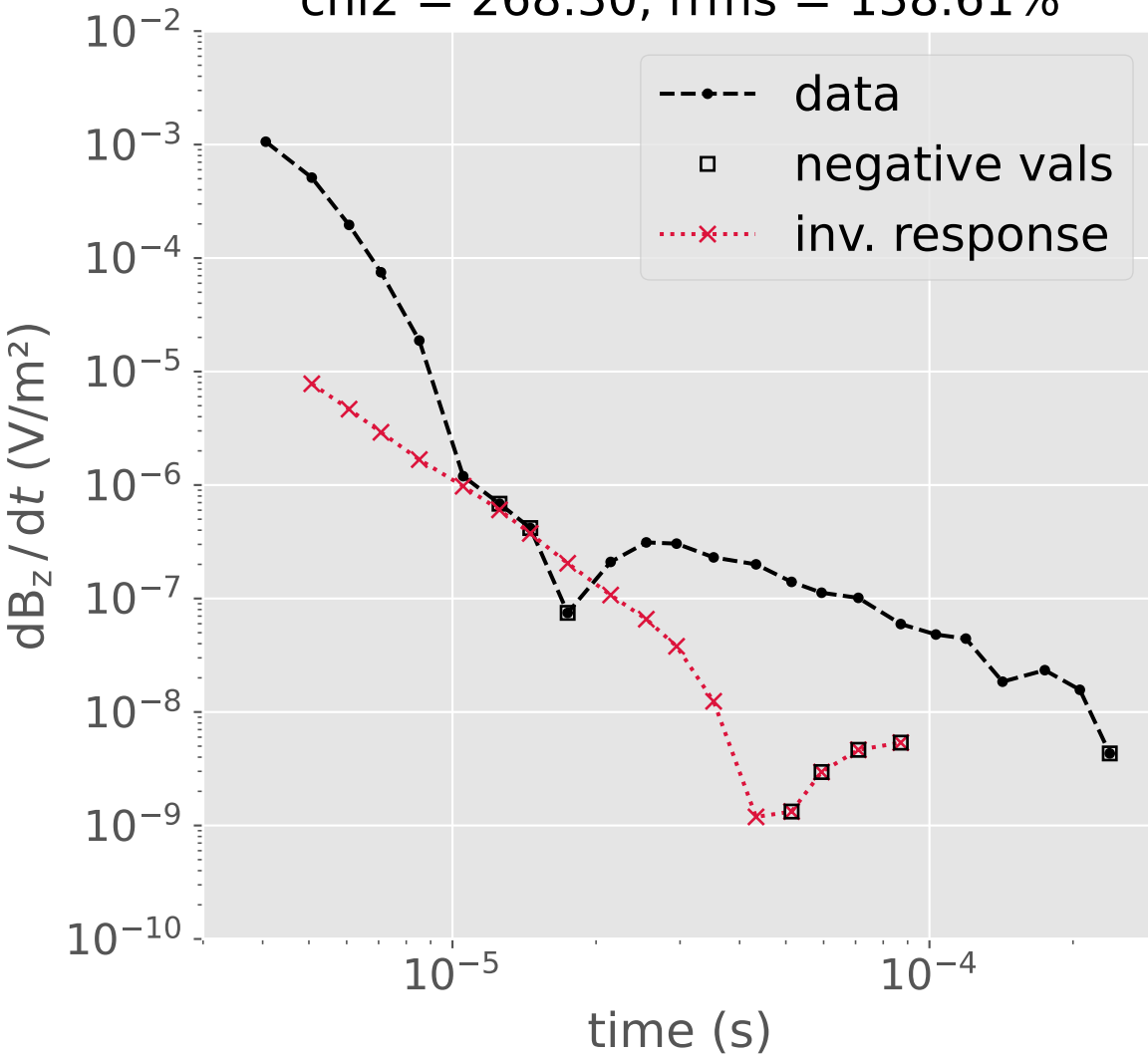
init. lam 500.0 cooling: 0.8, iters 11
fin. lam 34.4, noise floor = 5.0%



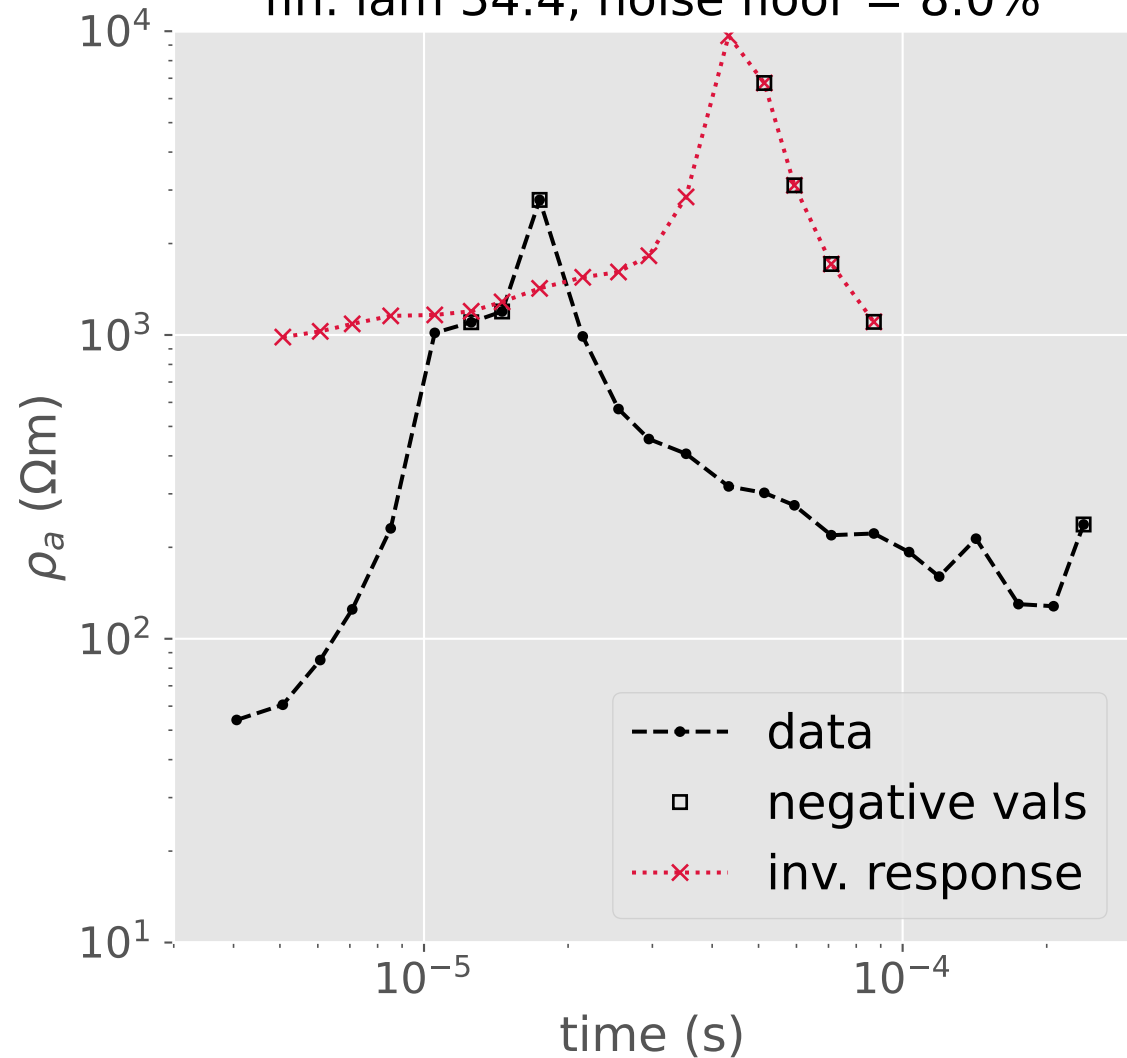


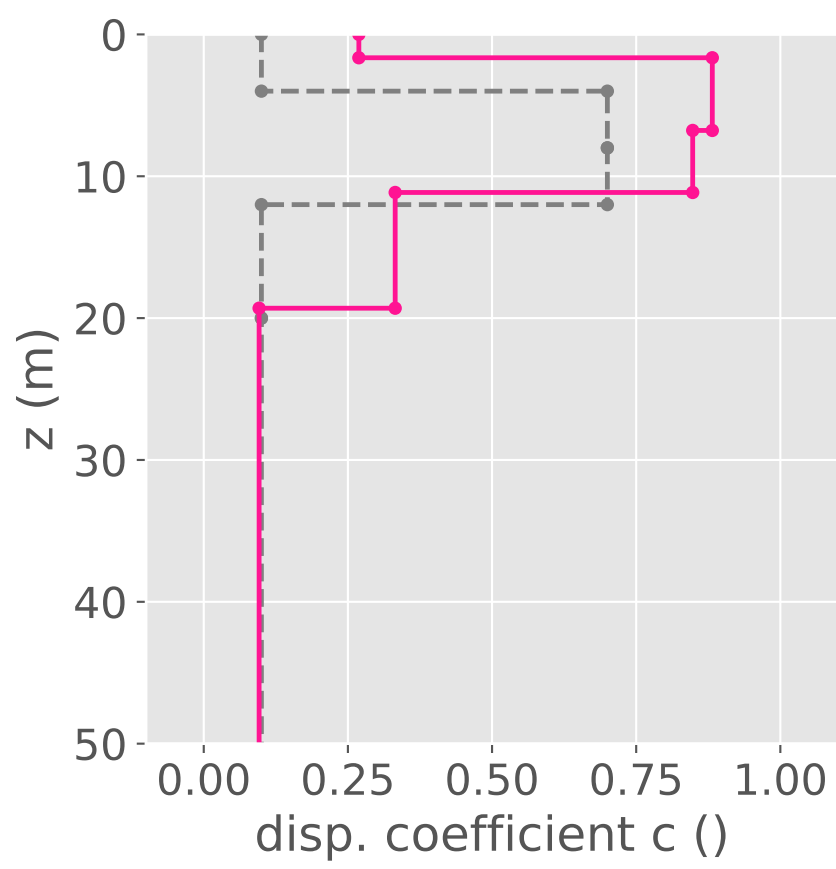
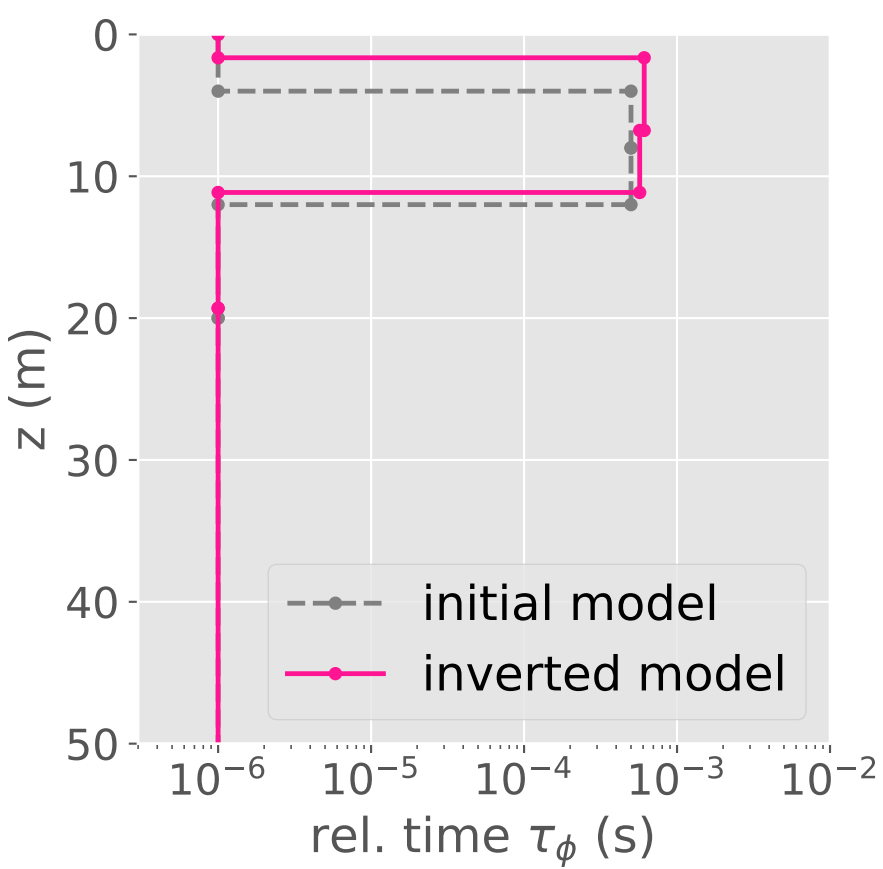
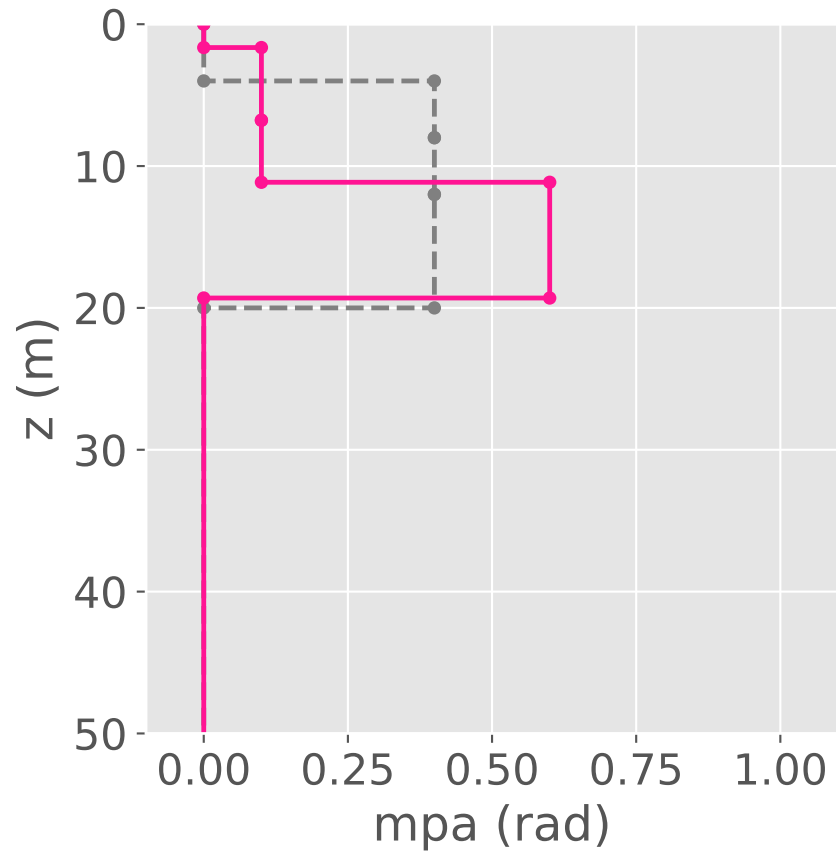
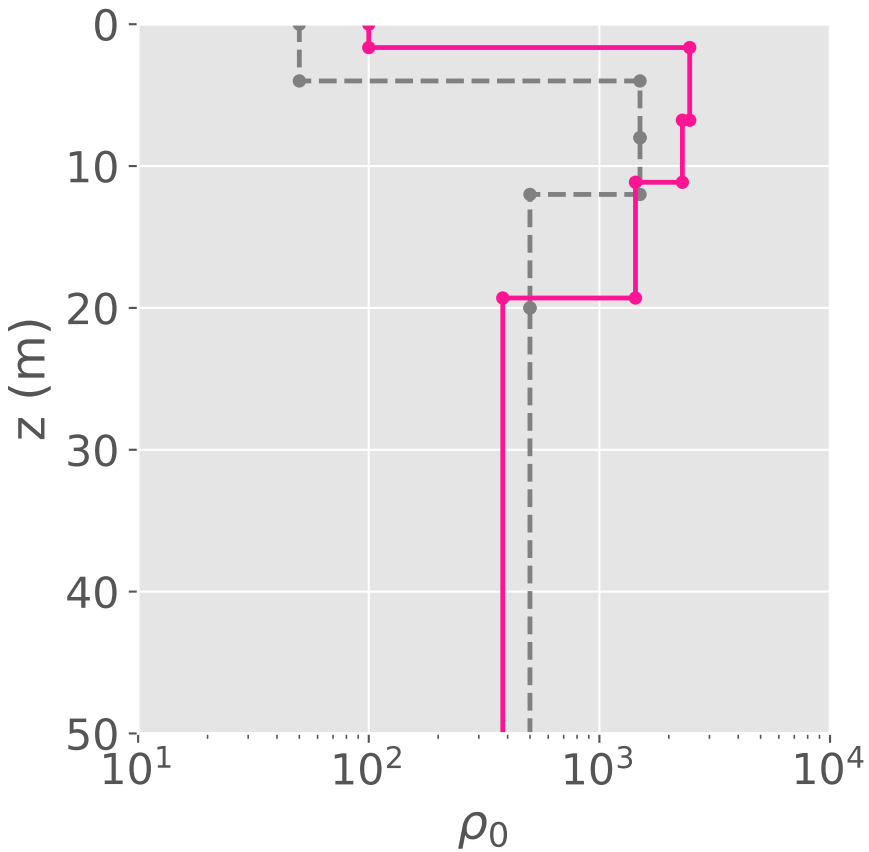


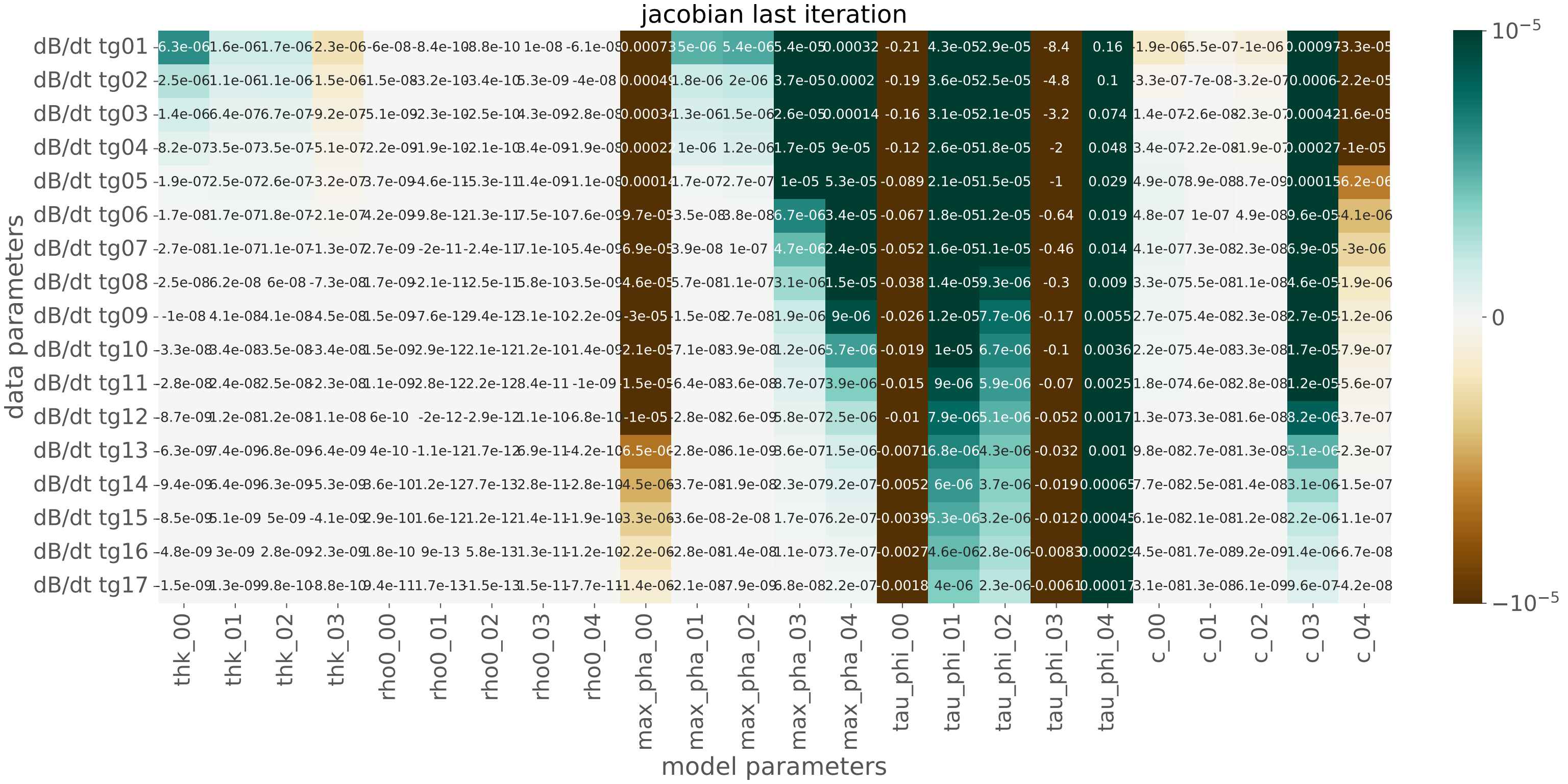
inv-run: 001, sndID: B041
chi2 = 268.30, rrms = 138.61%



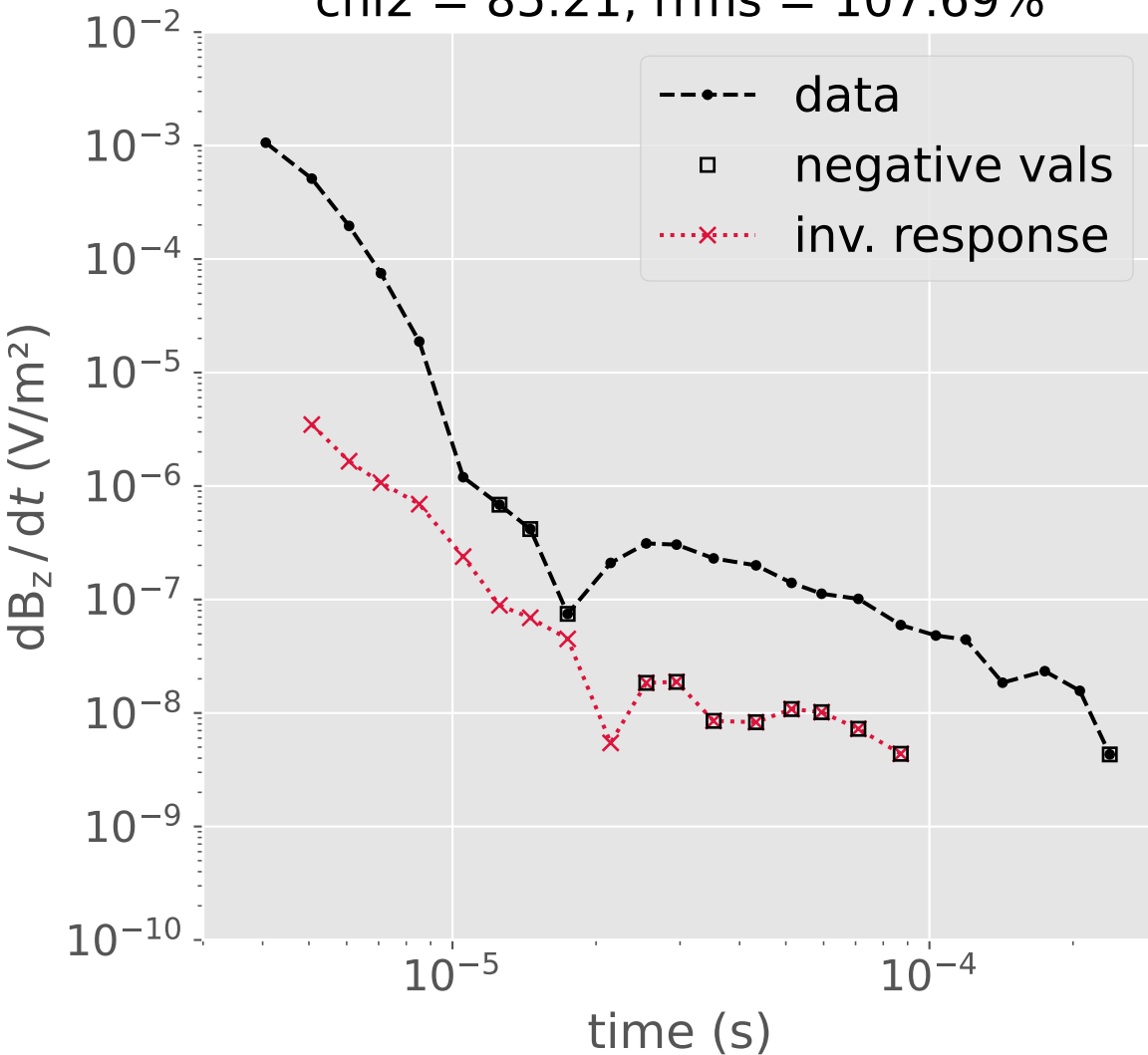
init. lam 500.0 cooling: 0.8, iters 11
fin. lam 34.4, noise floor = 8.0%



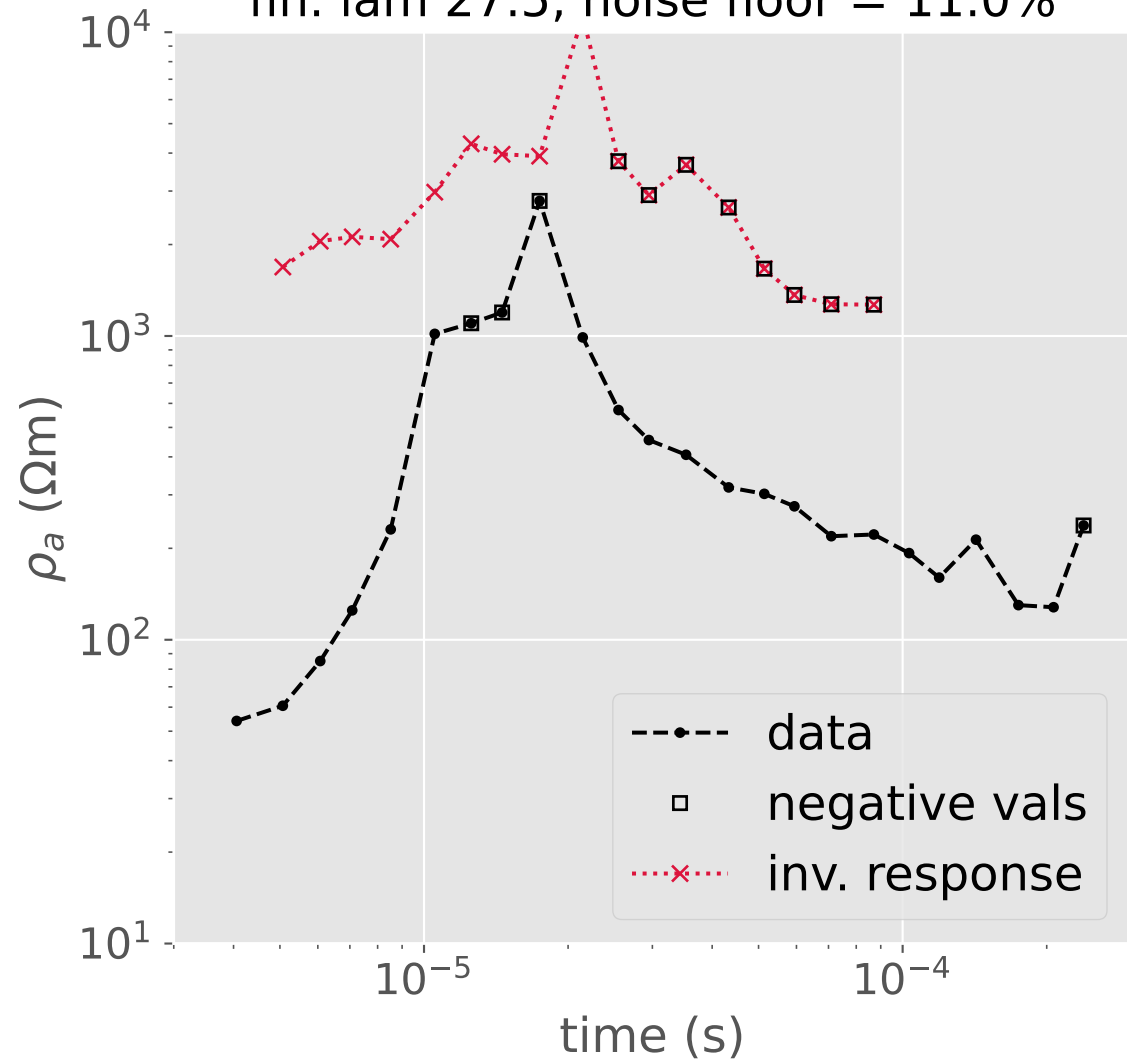


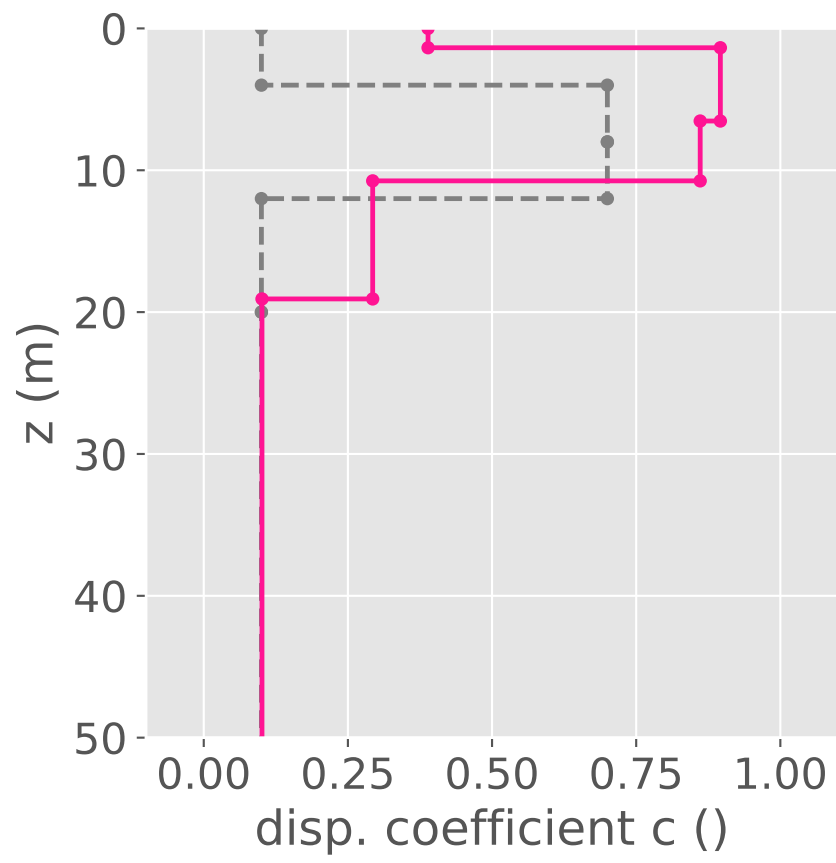
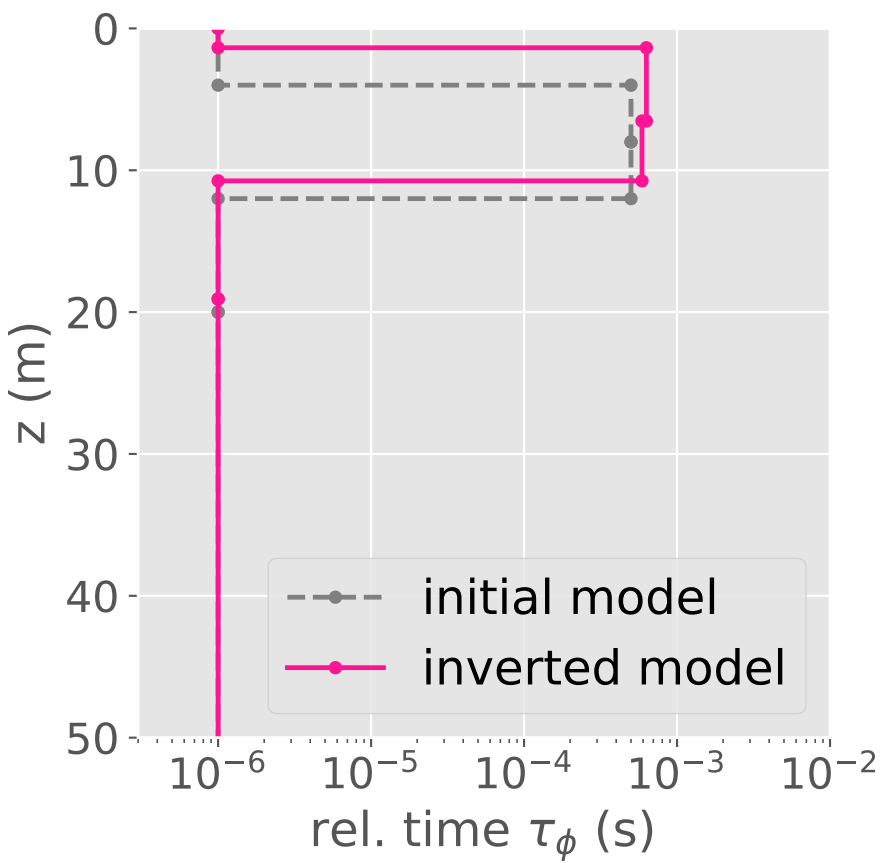
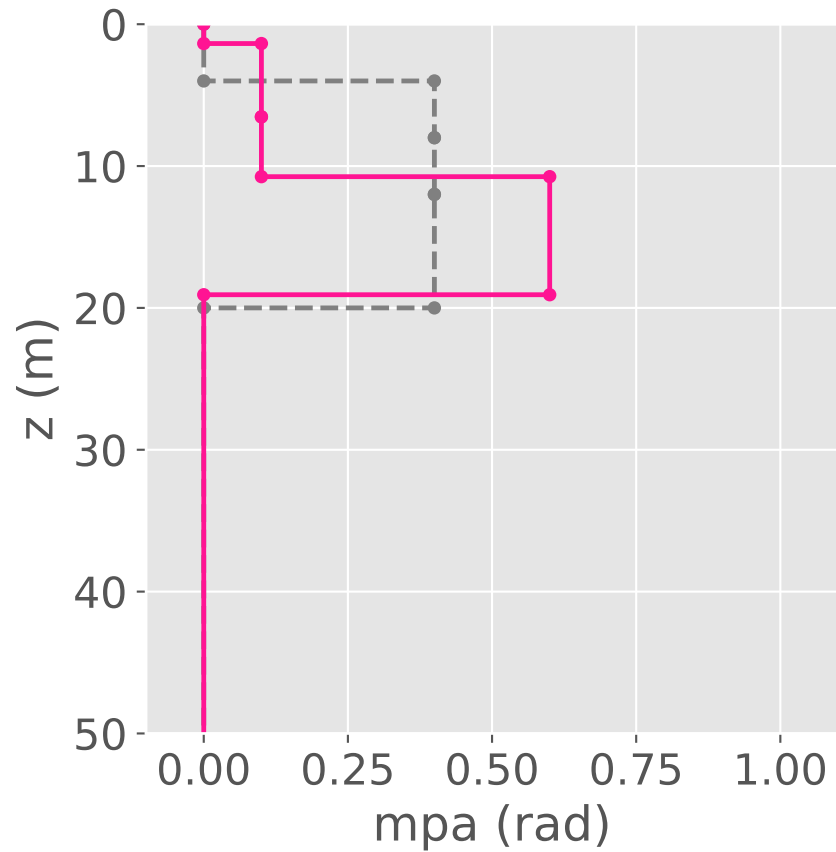
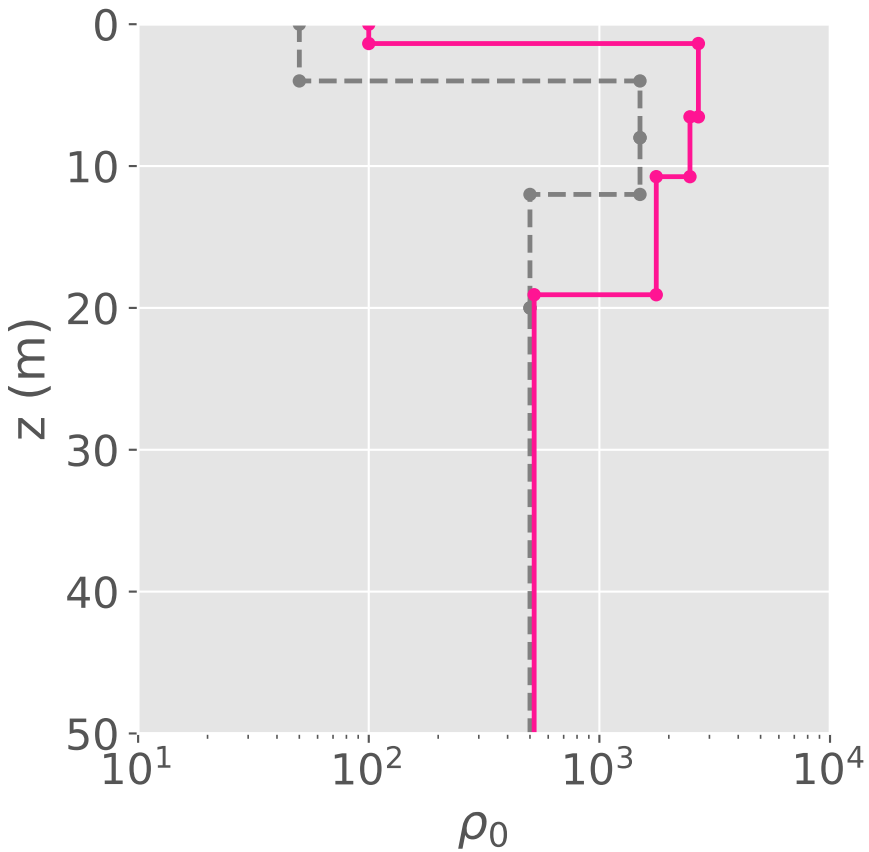


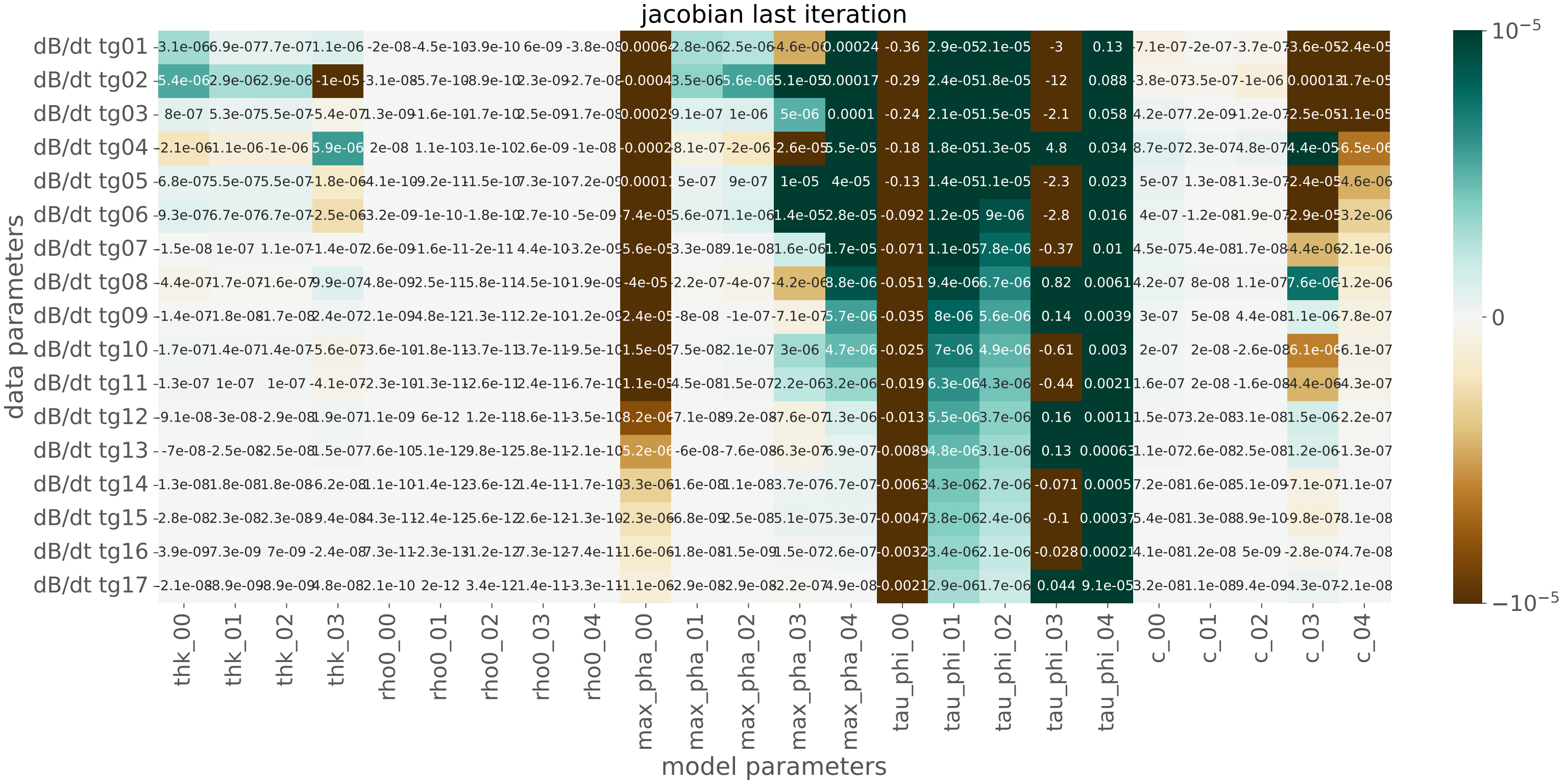
inv-run: 002, sndID: B041
chi2 = 85.21, rrms = 107.69%



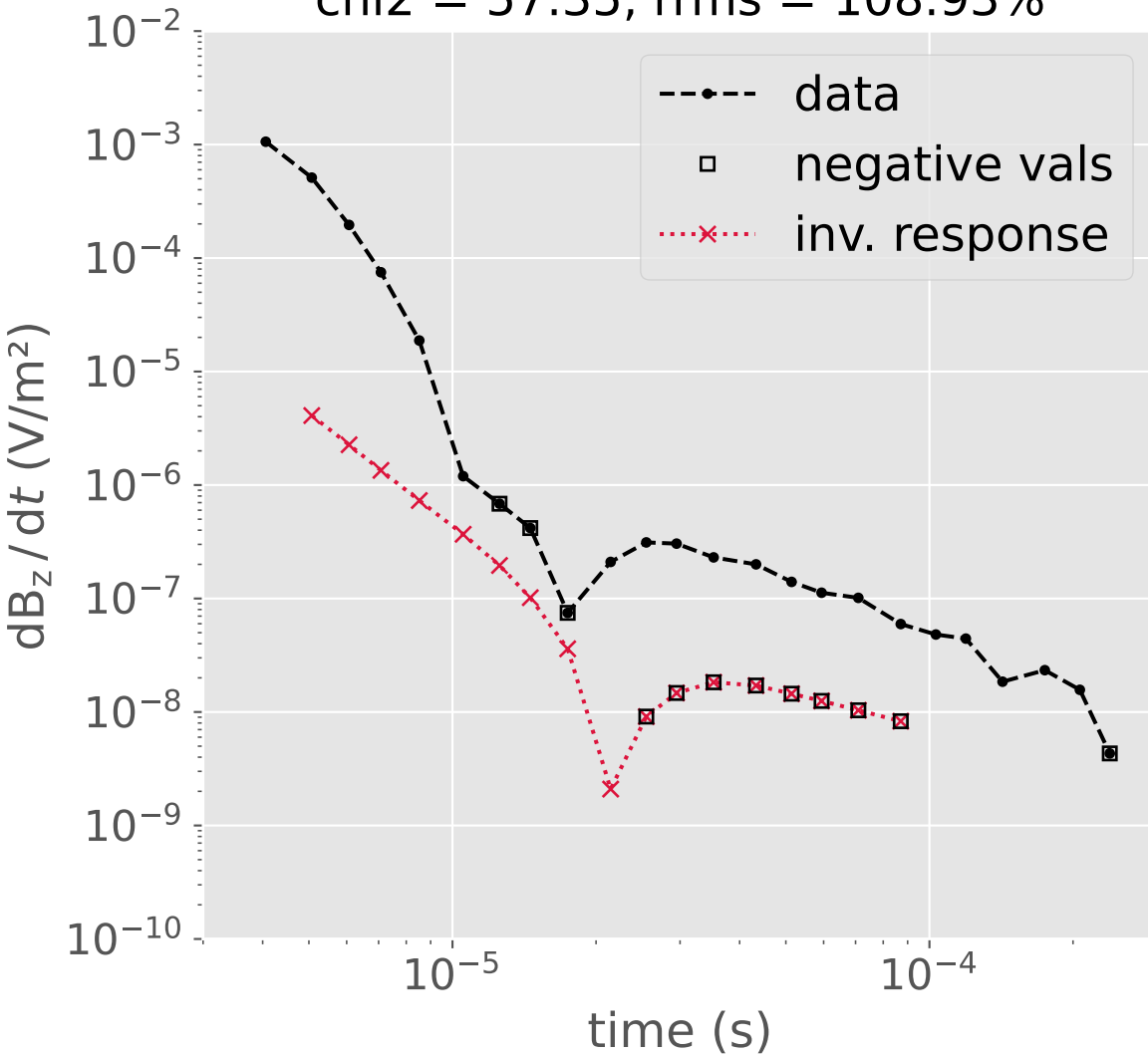
init. lam 500.0 cooling: 0.8, iters 12
fin. lam 27.5, noise floor = 11.0%



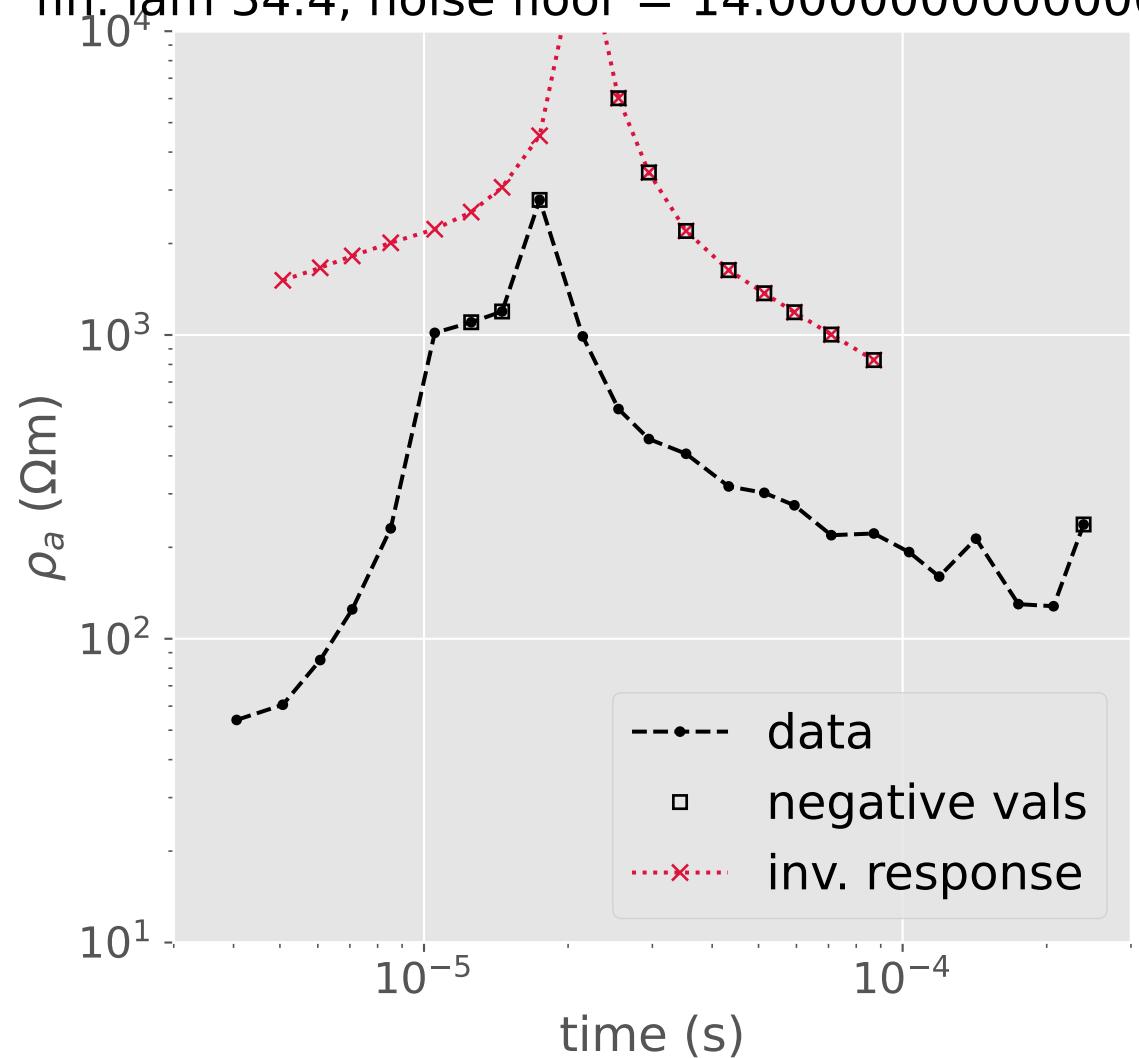


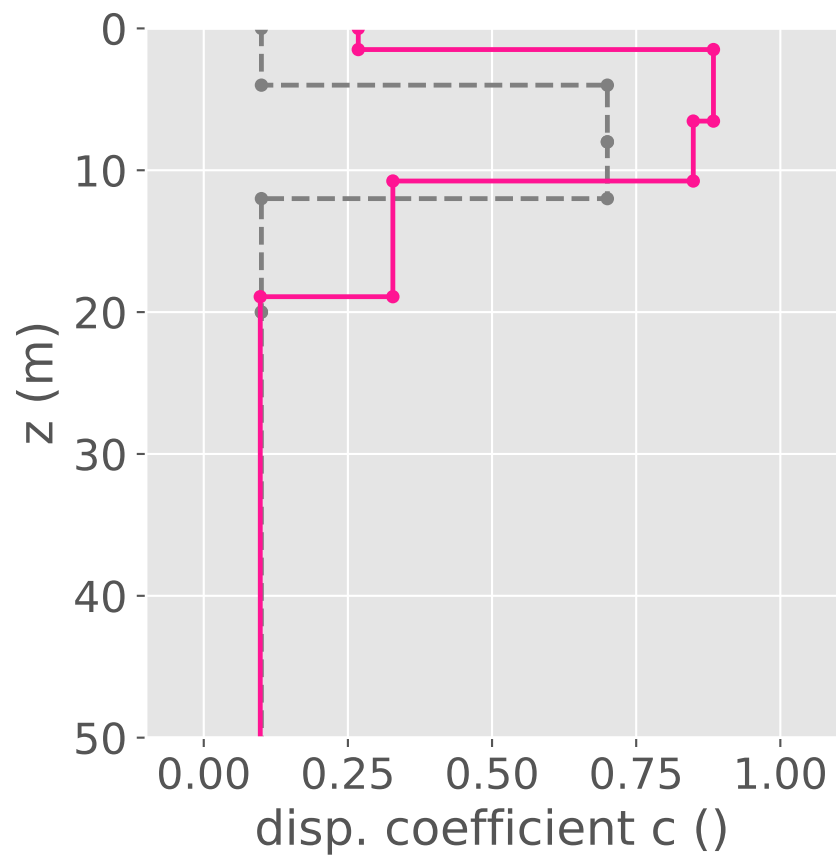
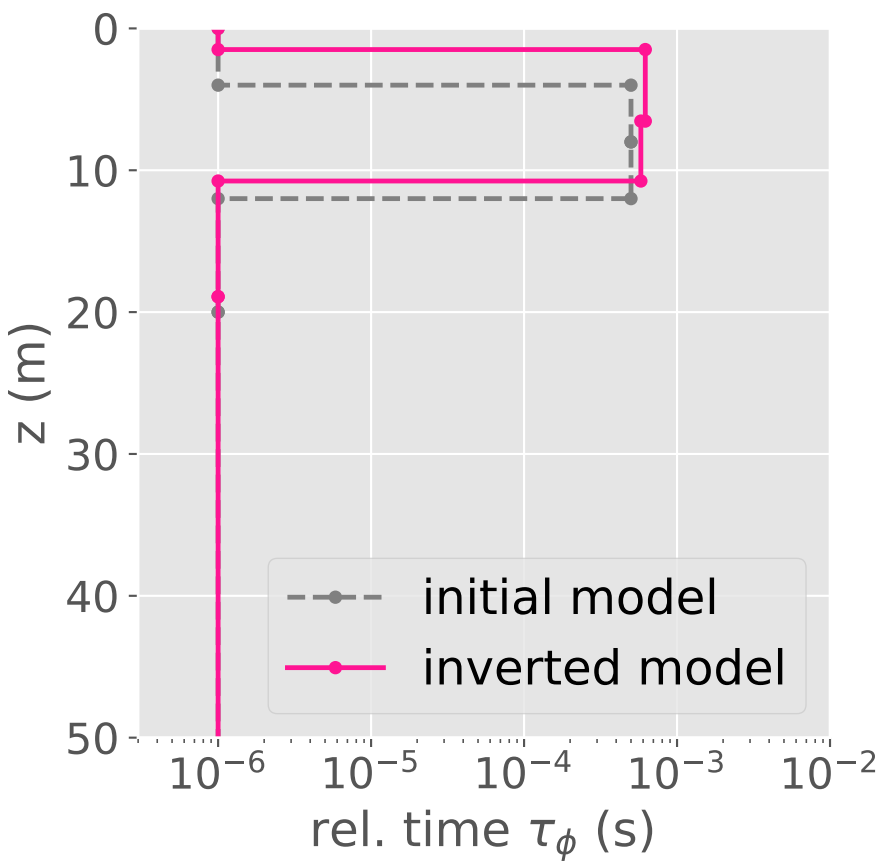
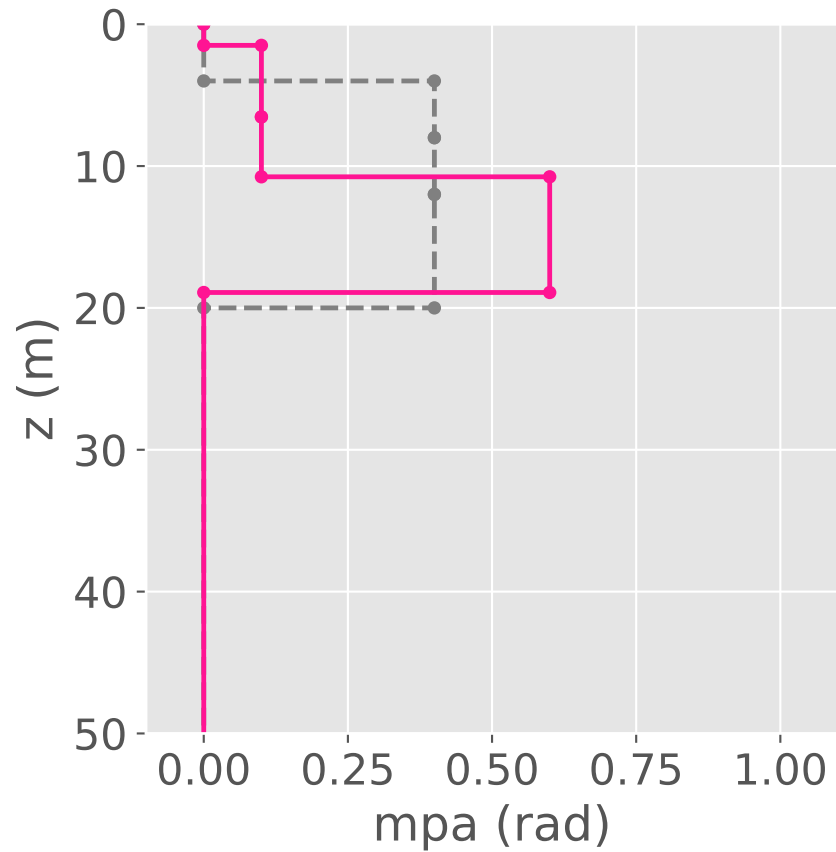
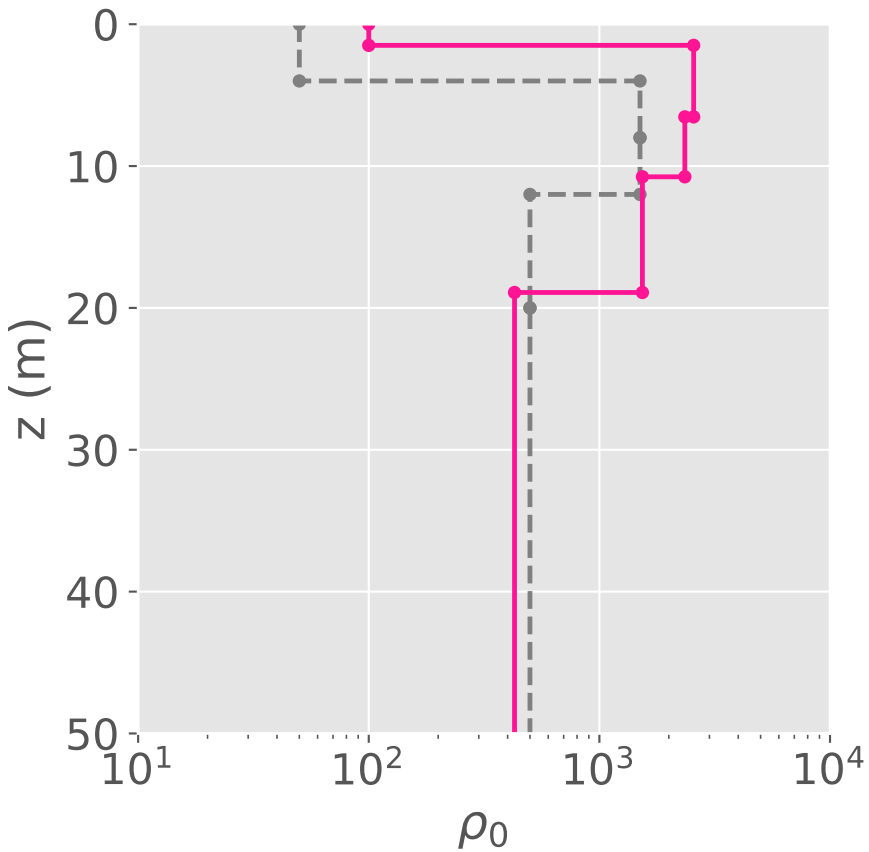


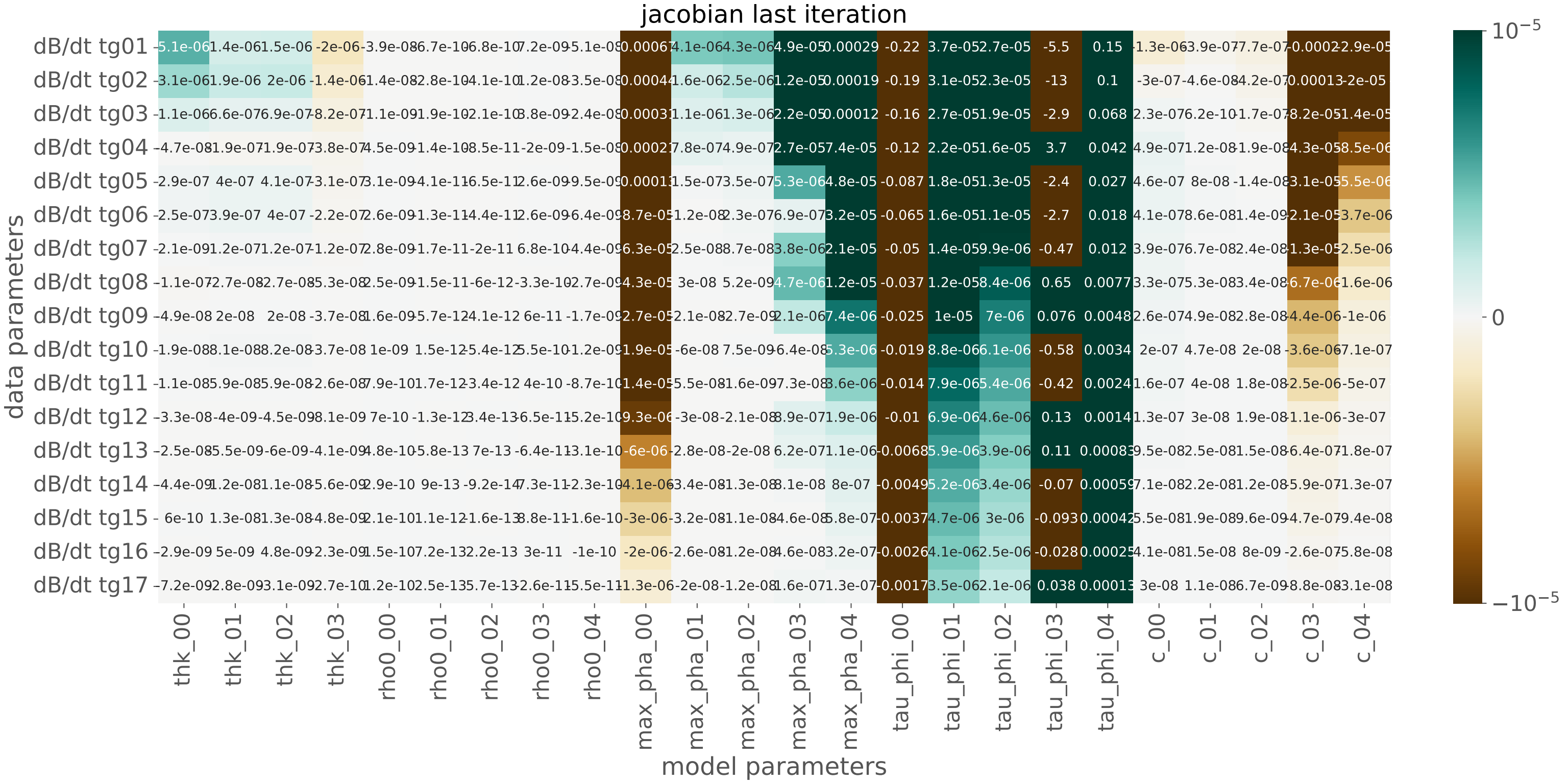
inv-run: 003, sndID: B041
chi2 = 57.35, rrms = 108.93%



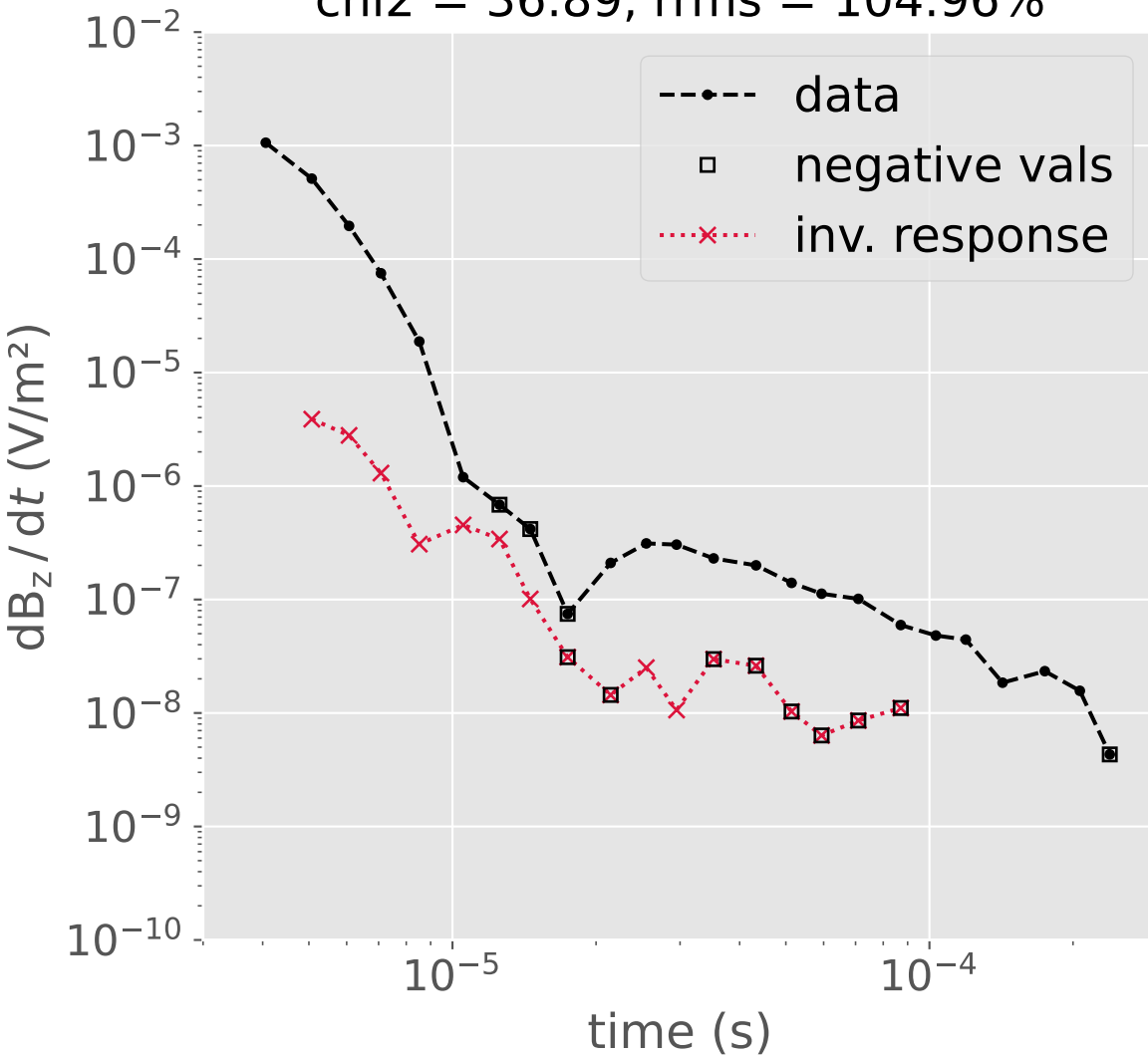
init. lam 500.0 cooling: 0.8, iters 11
fin. lam 34.4, noise floor = 14.000000000000000



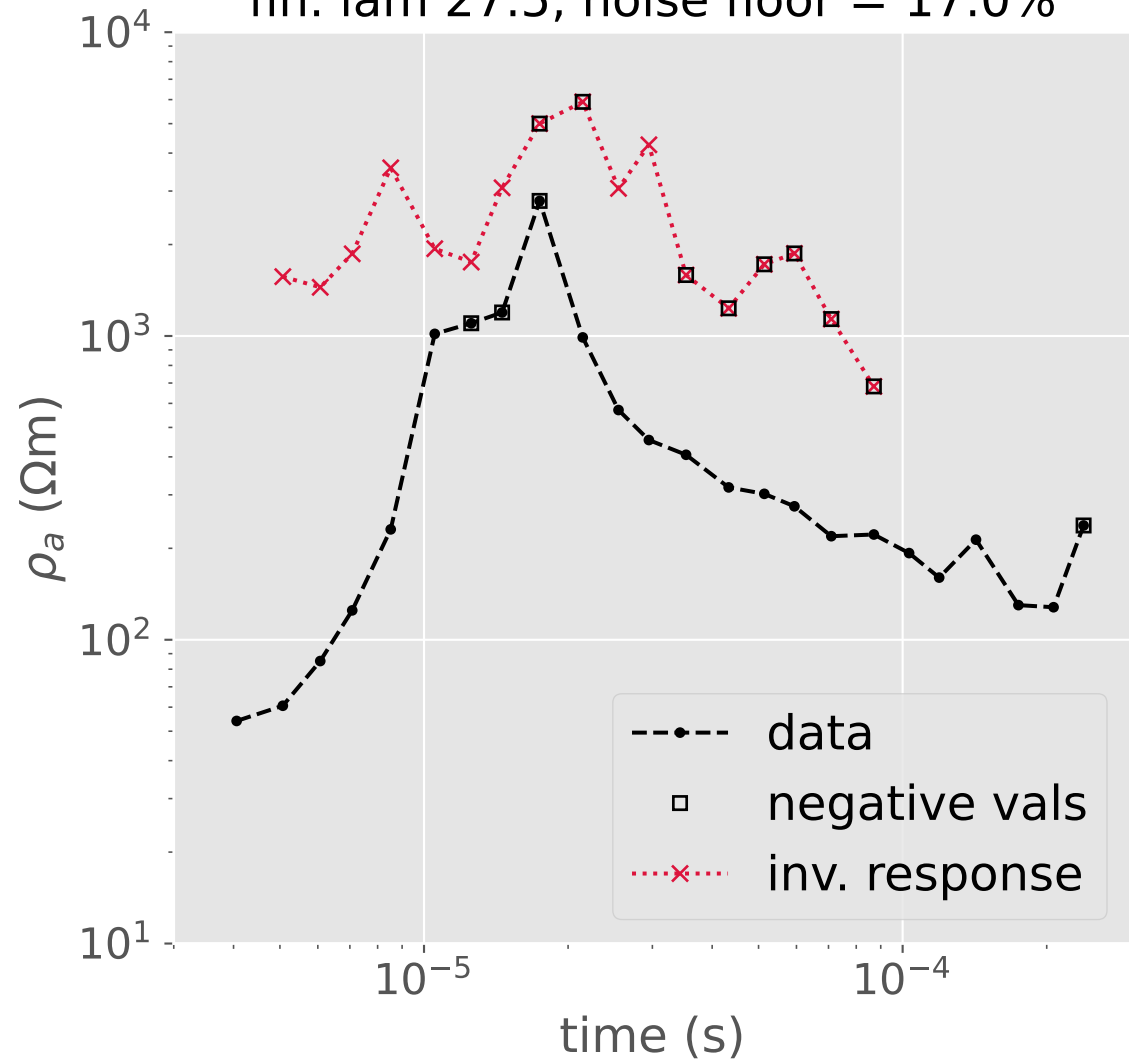


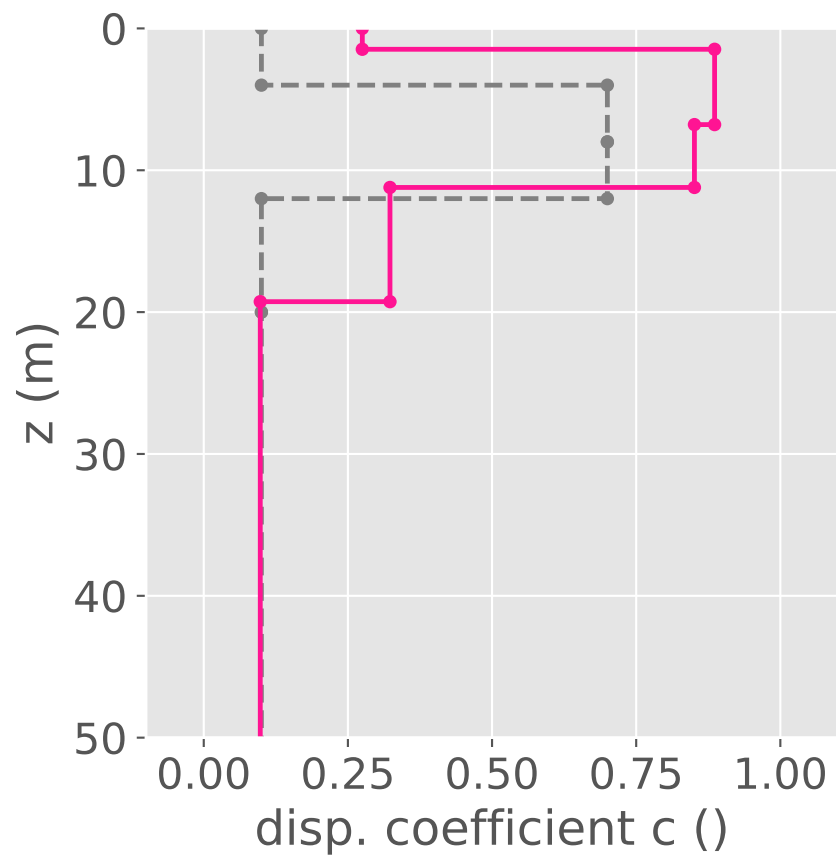
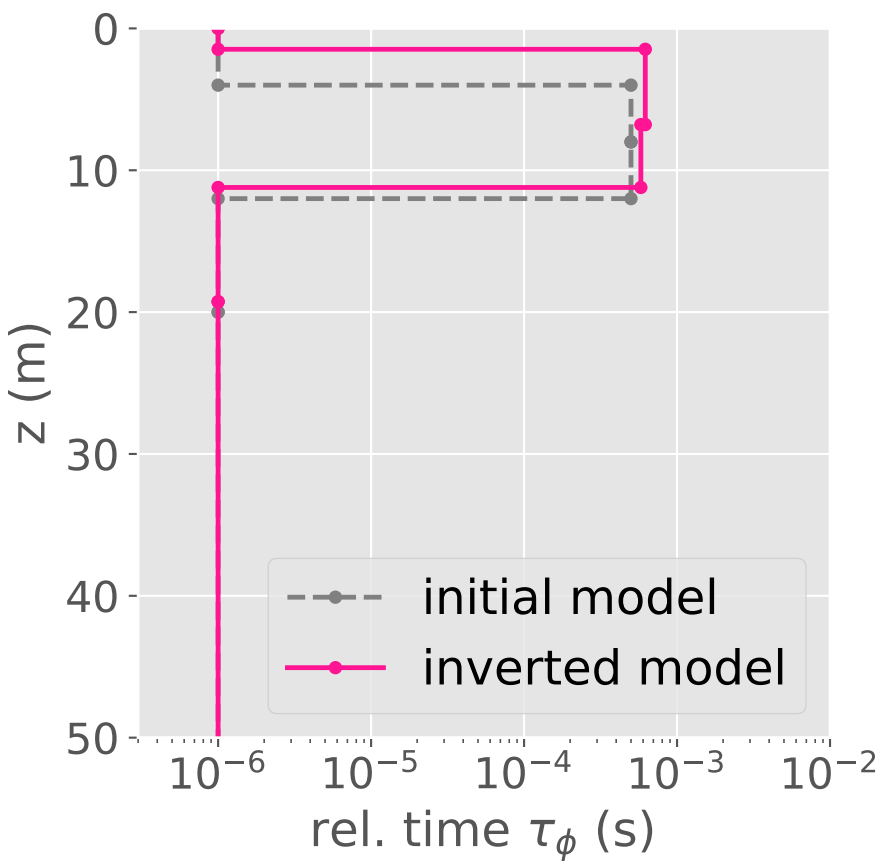
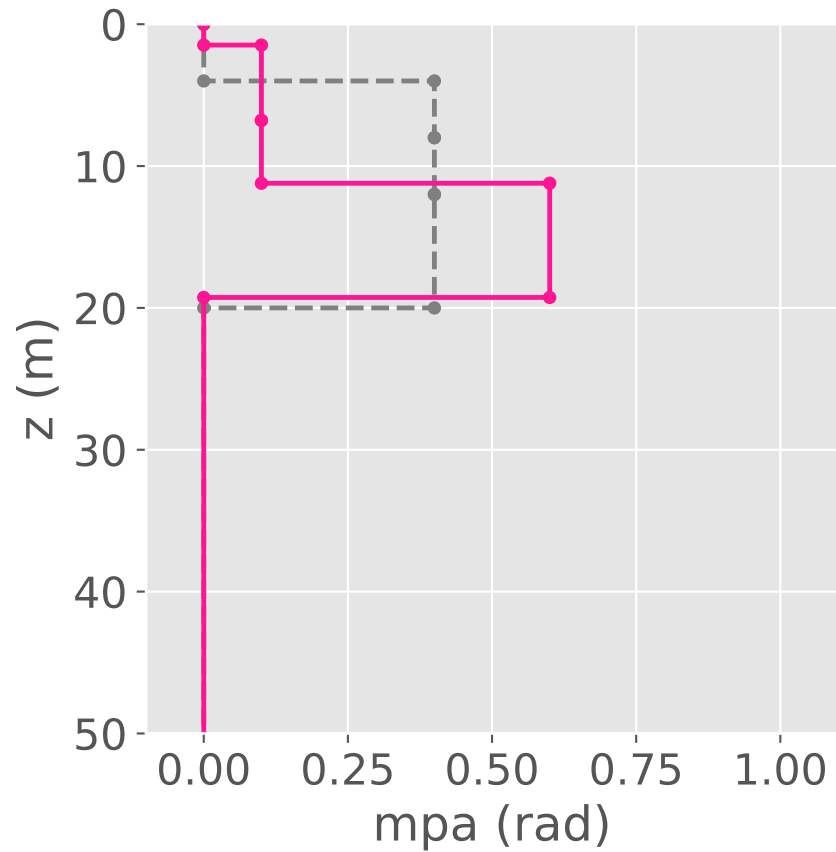
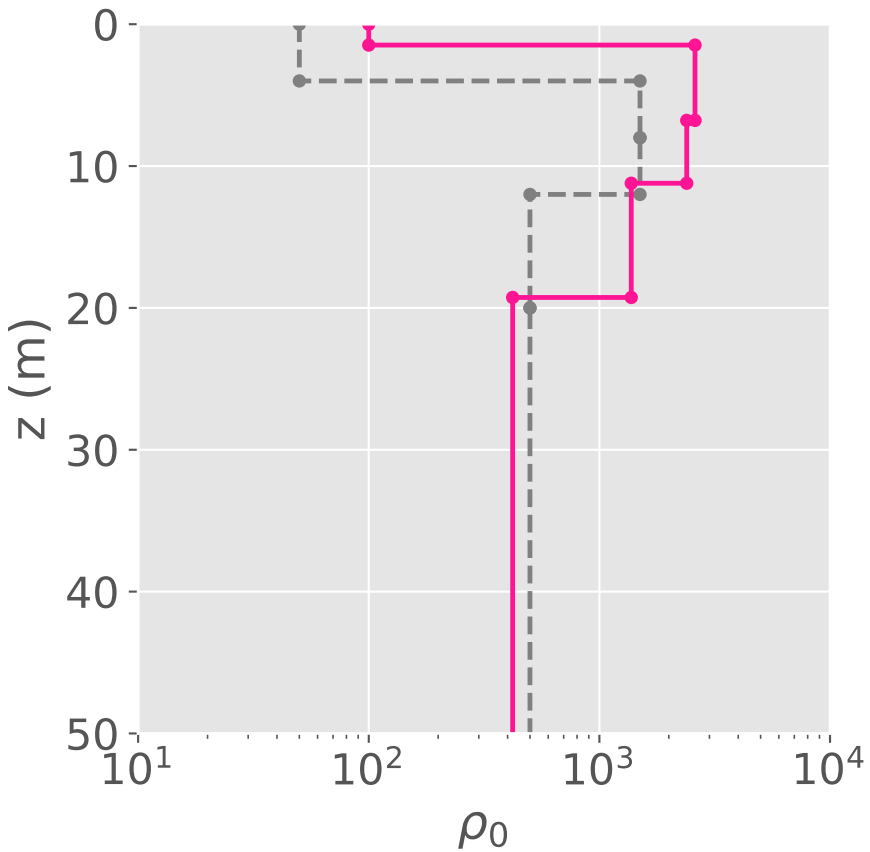


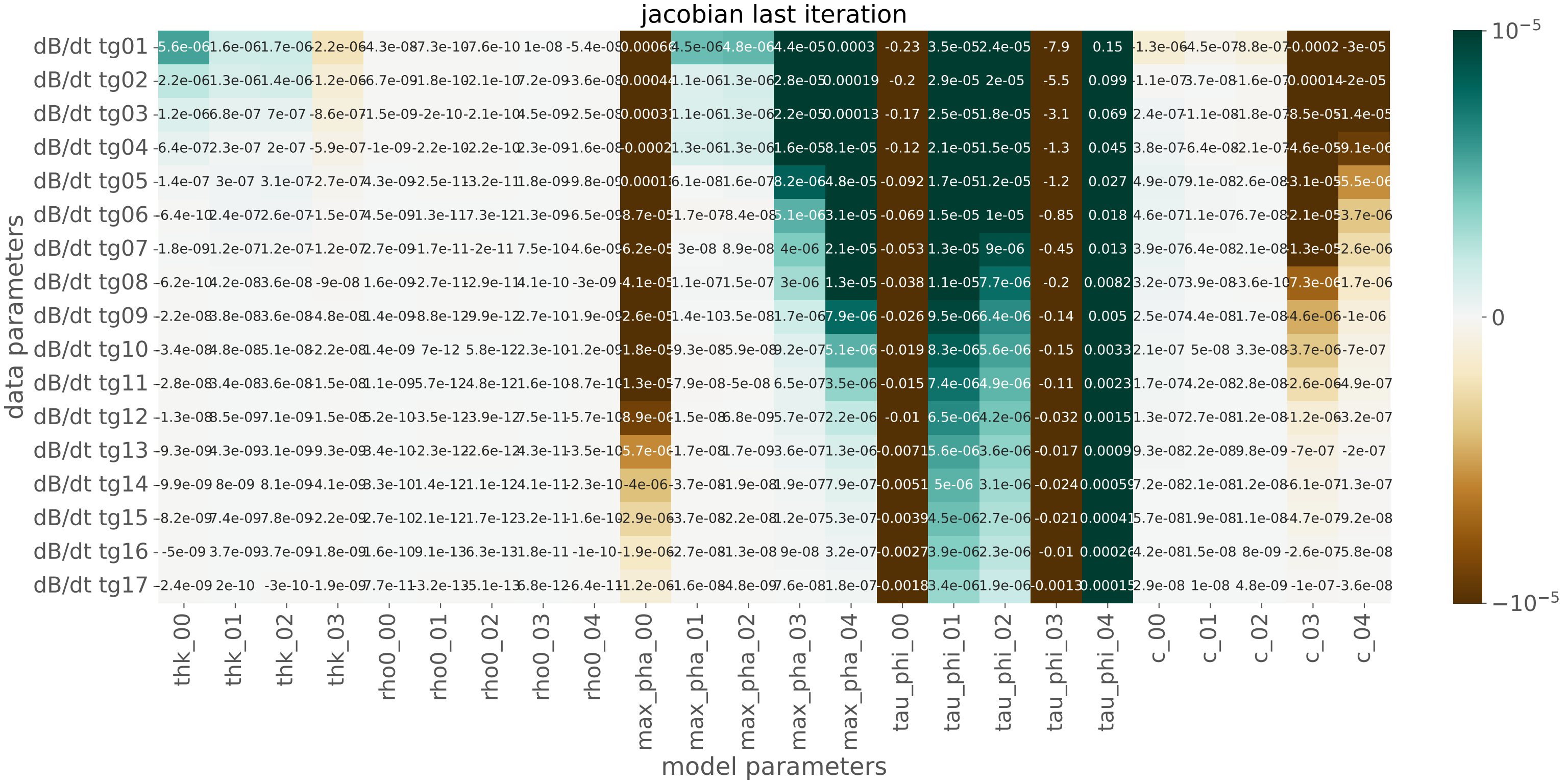
inv-run: 004, sndID: B041
chi2 = 36.89, rrms = 104.96%



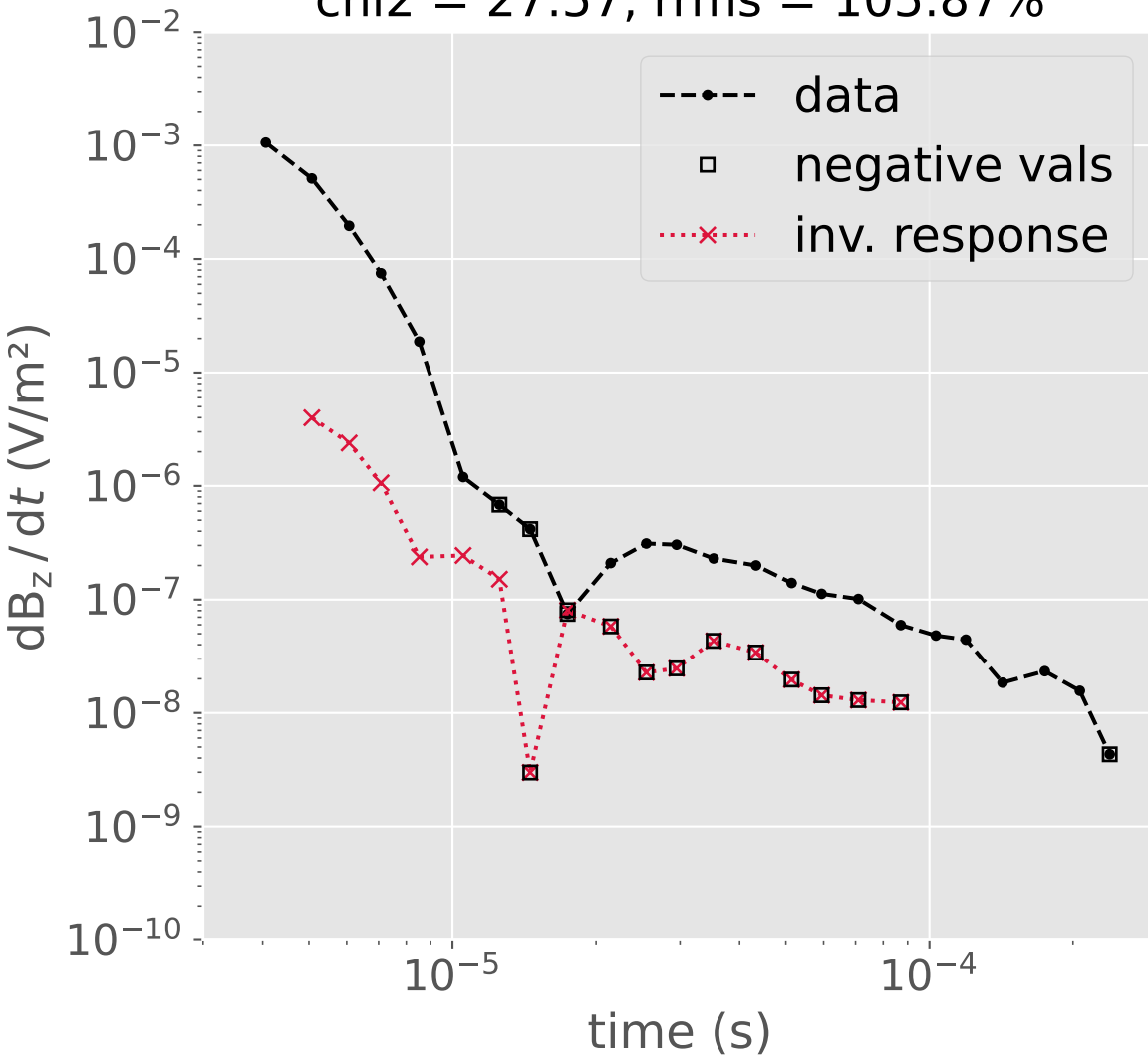
init. lam 500.0 cooling: 0.8, iters 12
fin. lam 27.5, noise floor = 17.0%



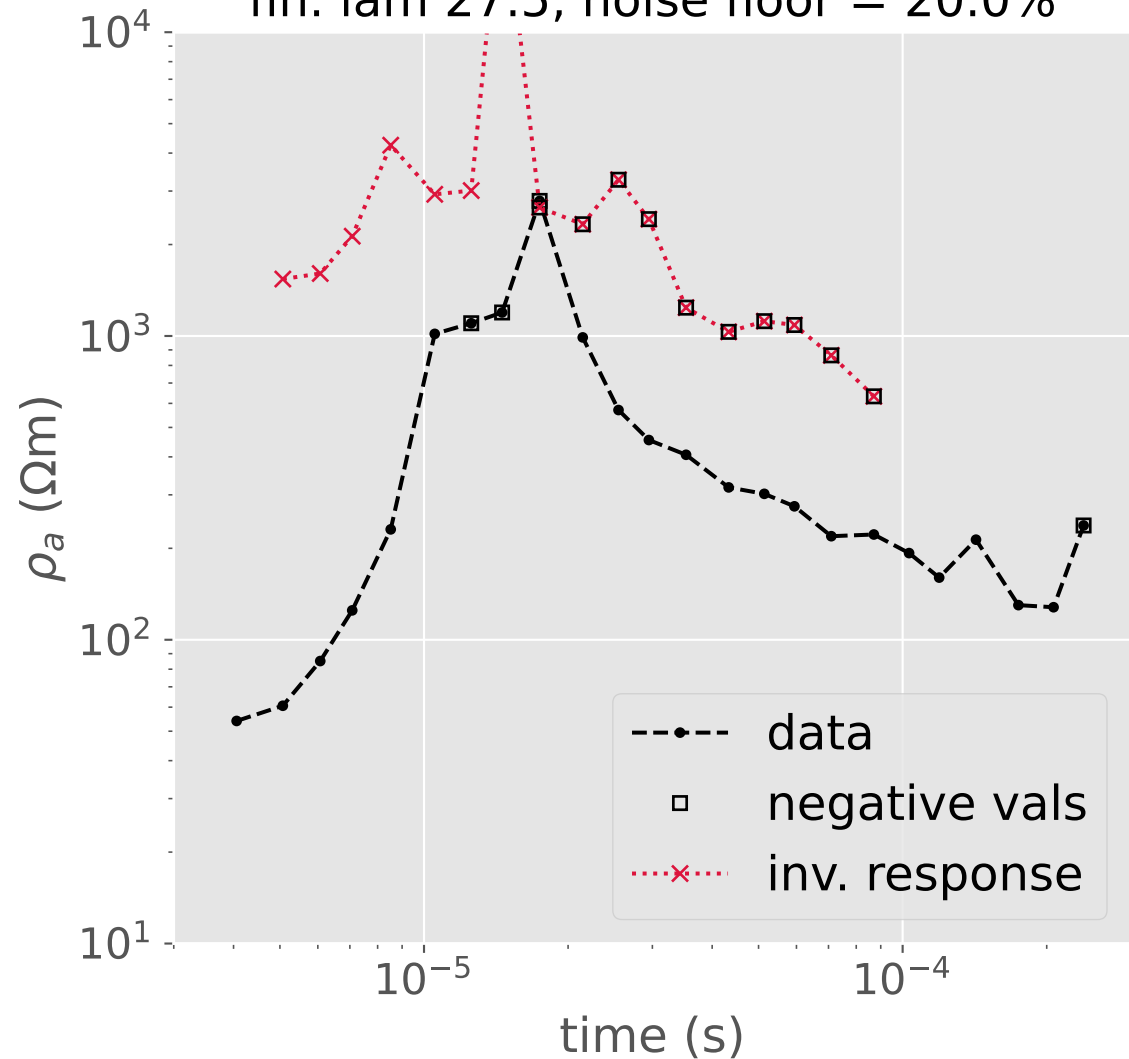


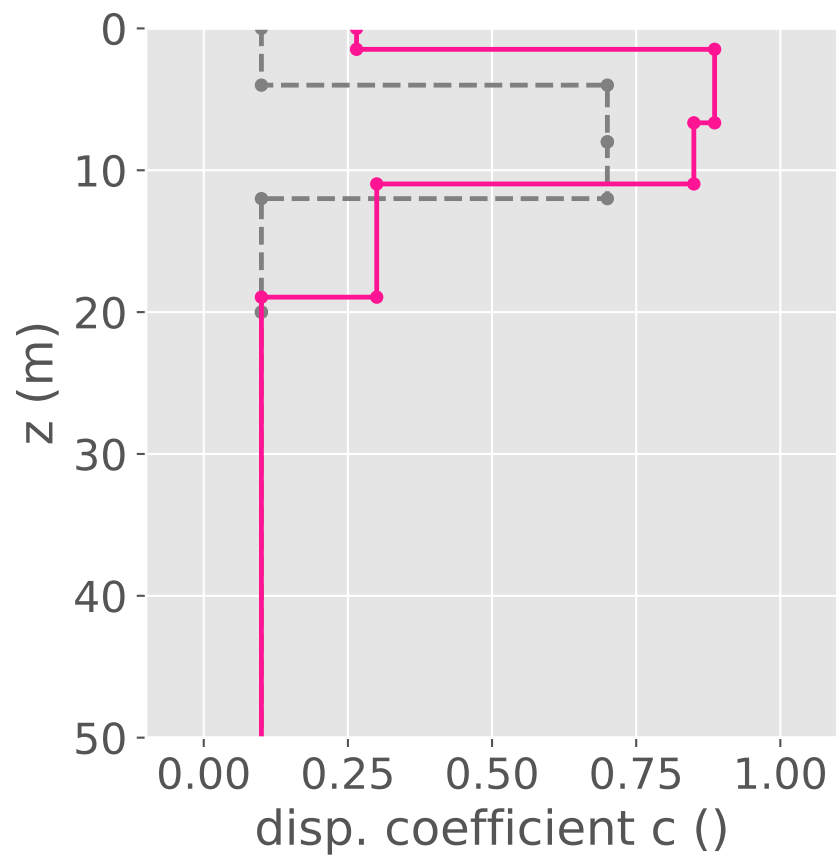
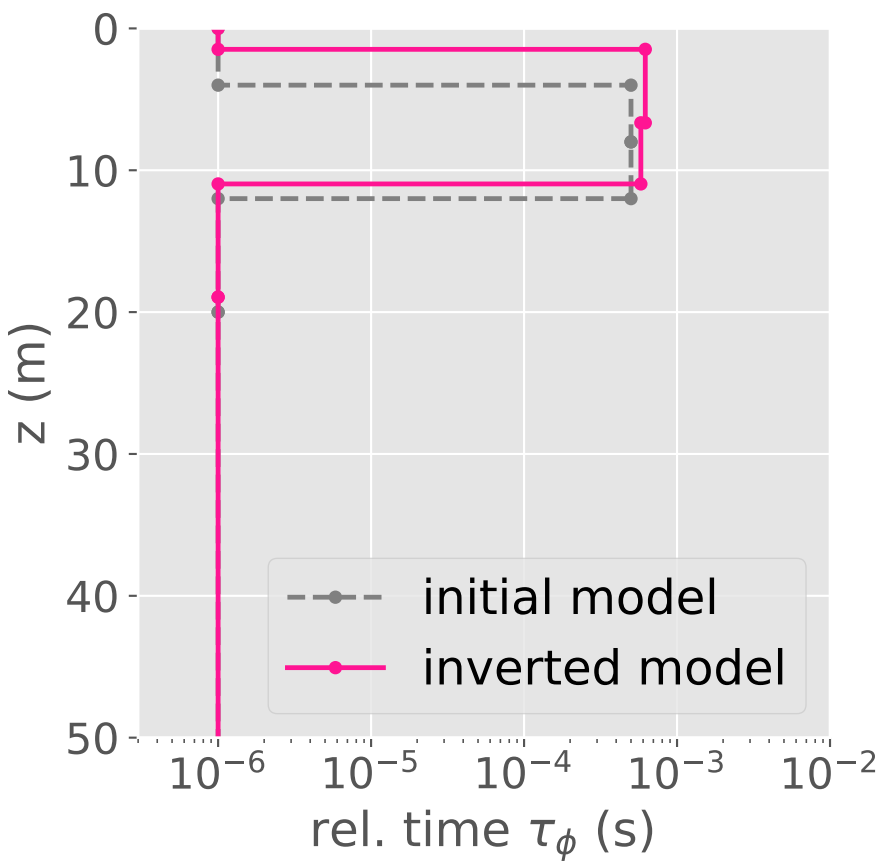
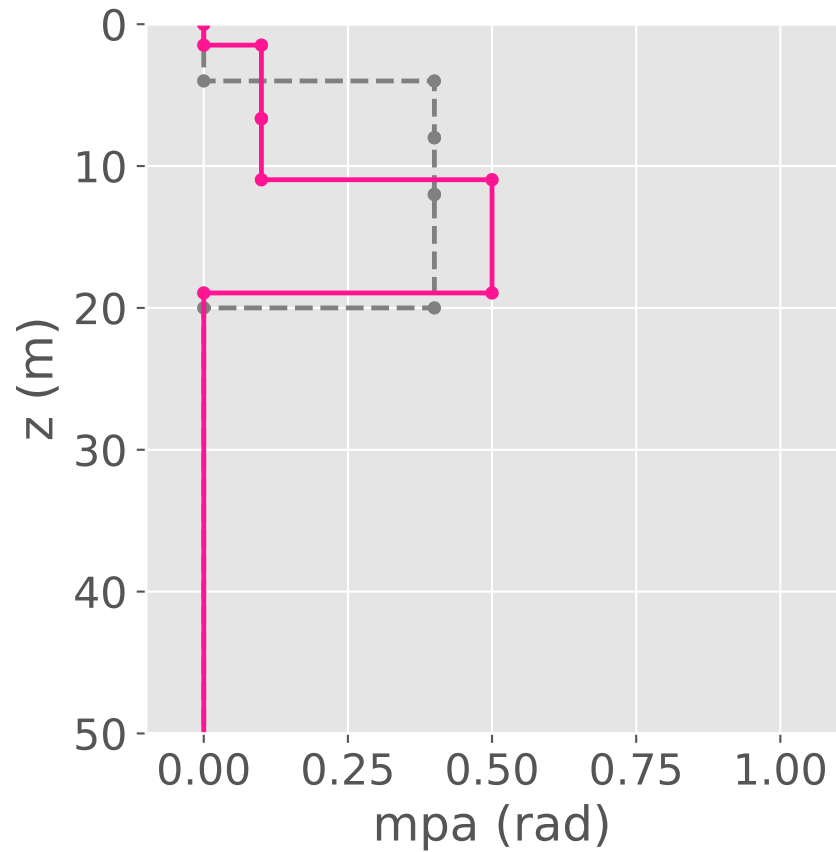
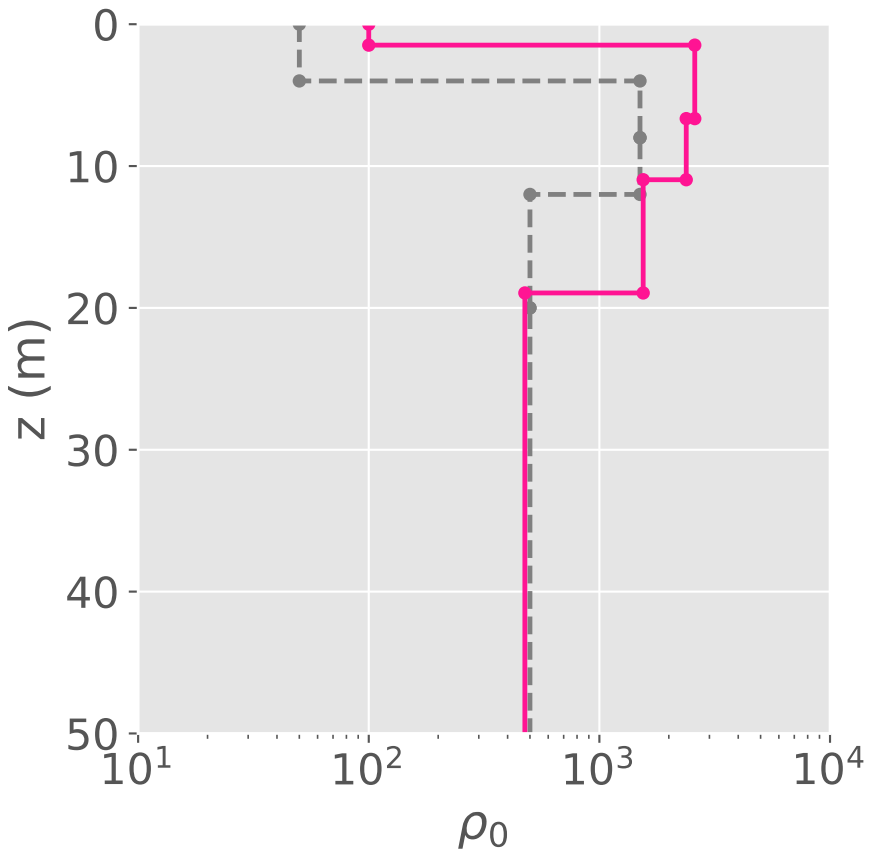


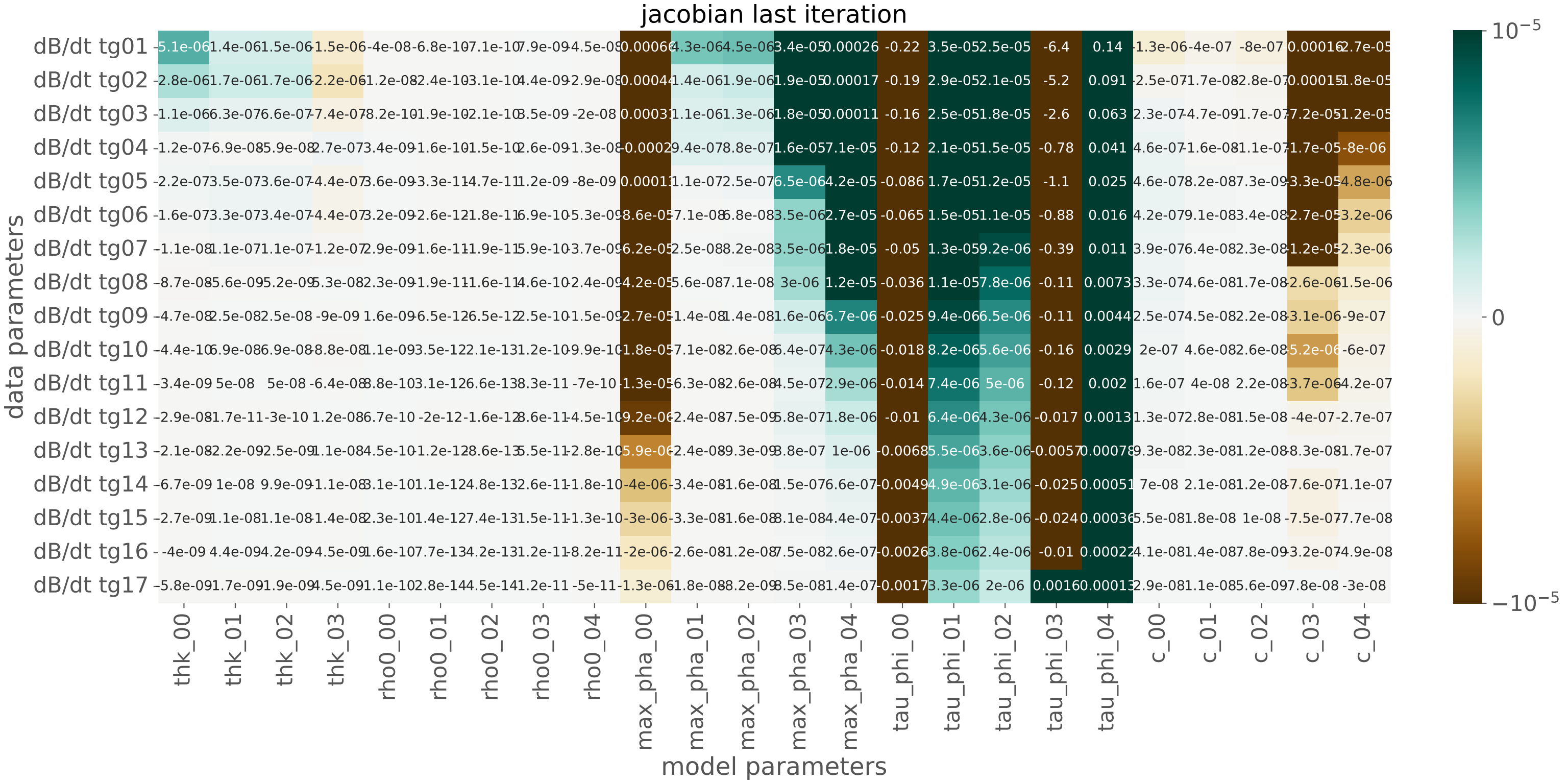
inv-run: 005, sndID: B041
chi2 = 27.57, rrms = 105.87%



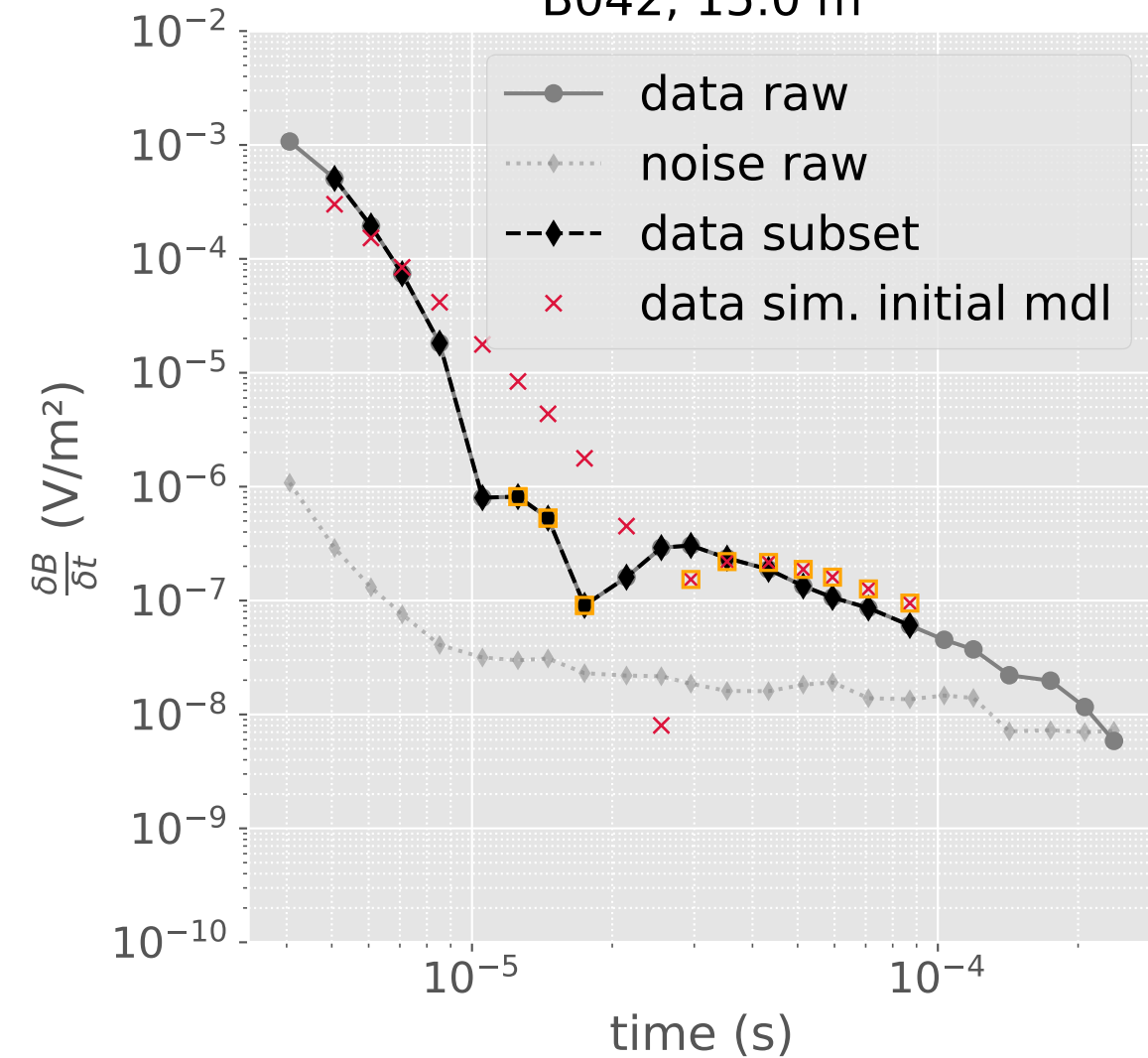
init. lam 500.0 cooling: 0.8, iters 12
fin. lam 27.5, noise floor = 20.0%



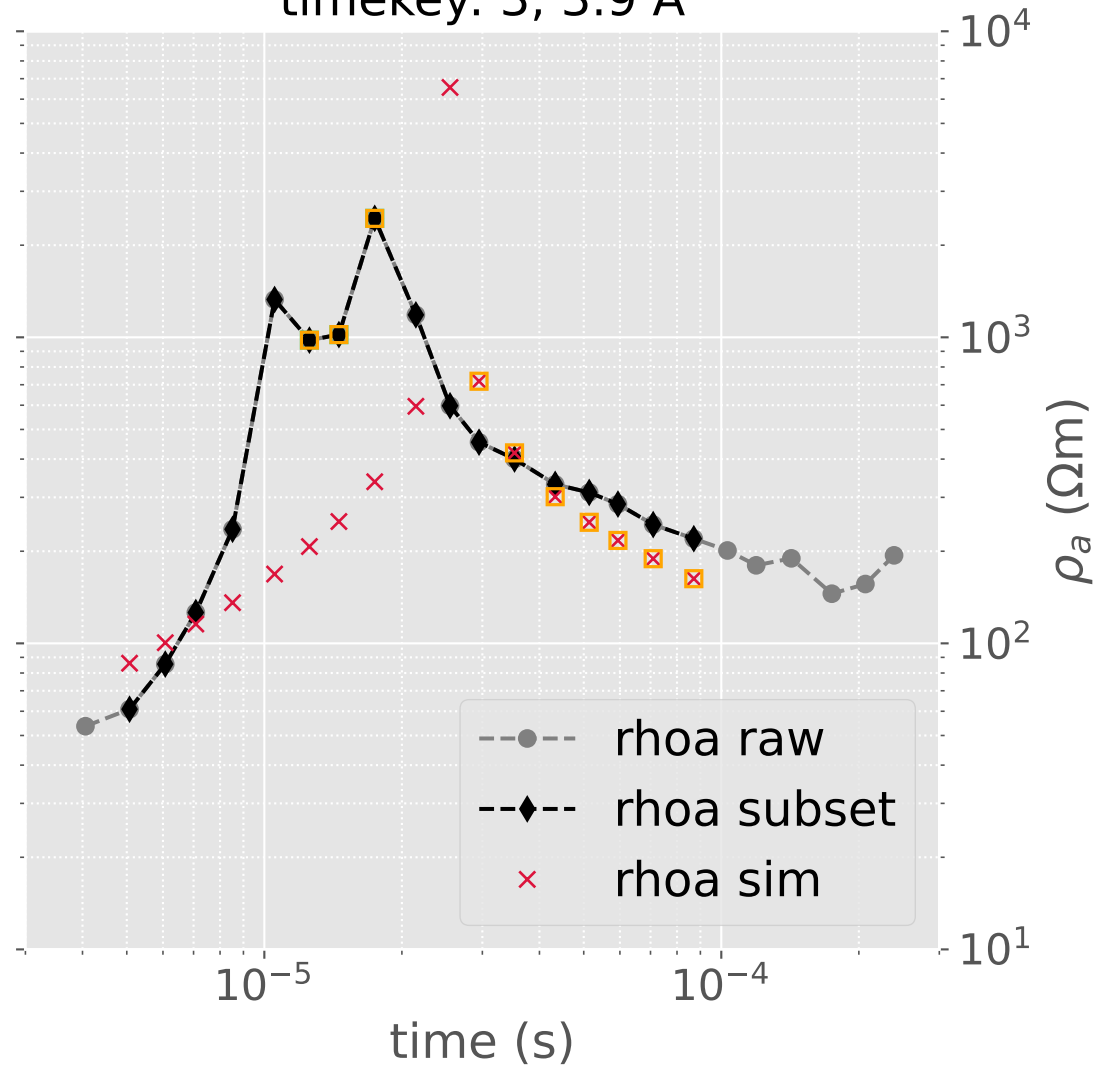




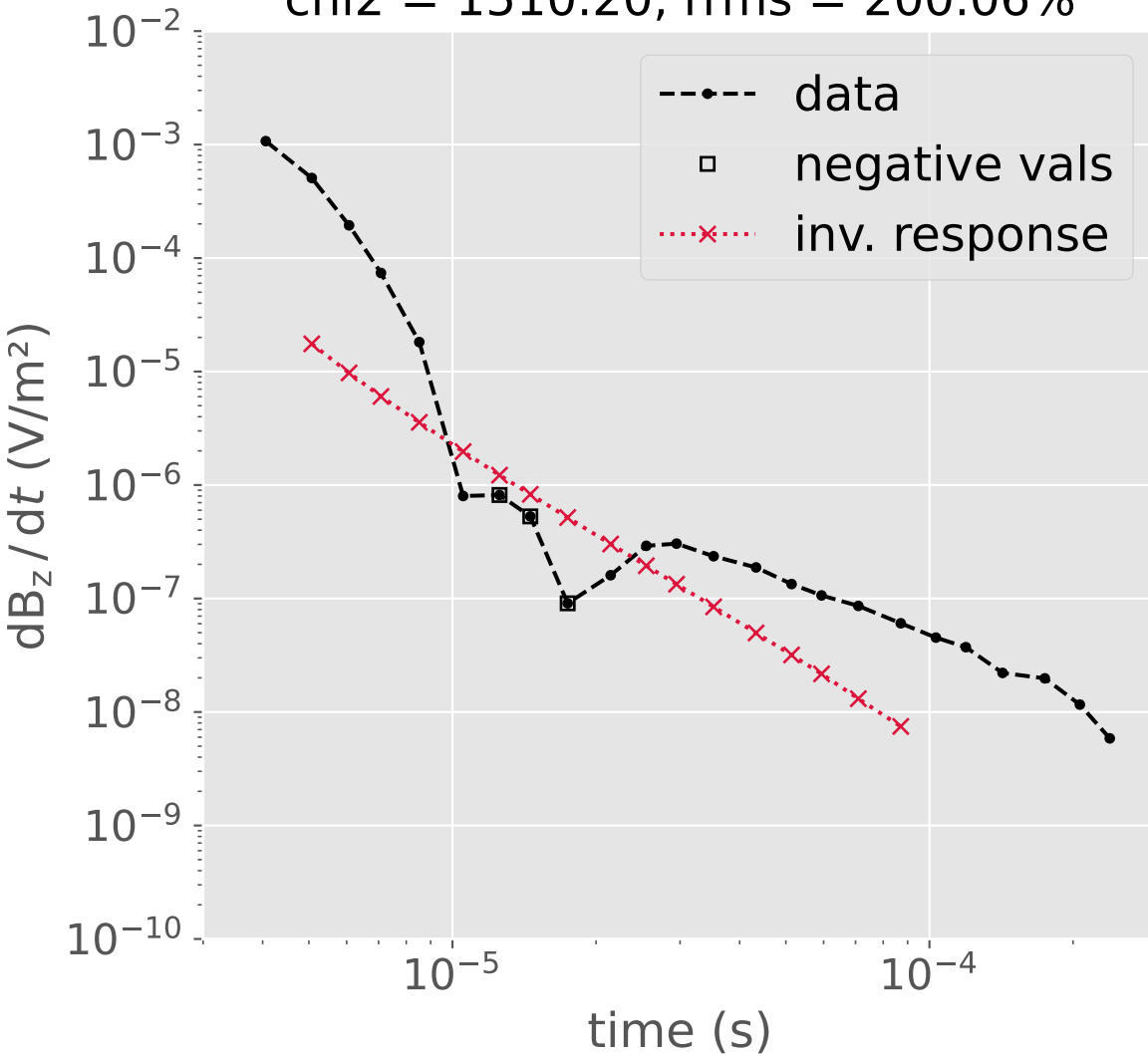
B042, 15.0 m



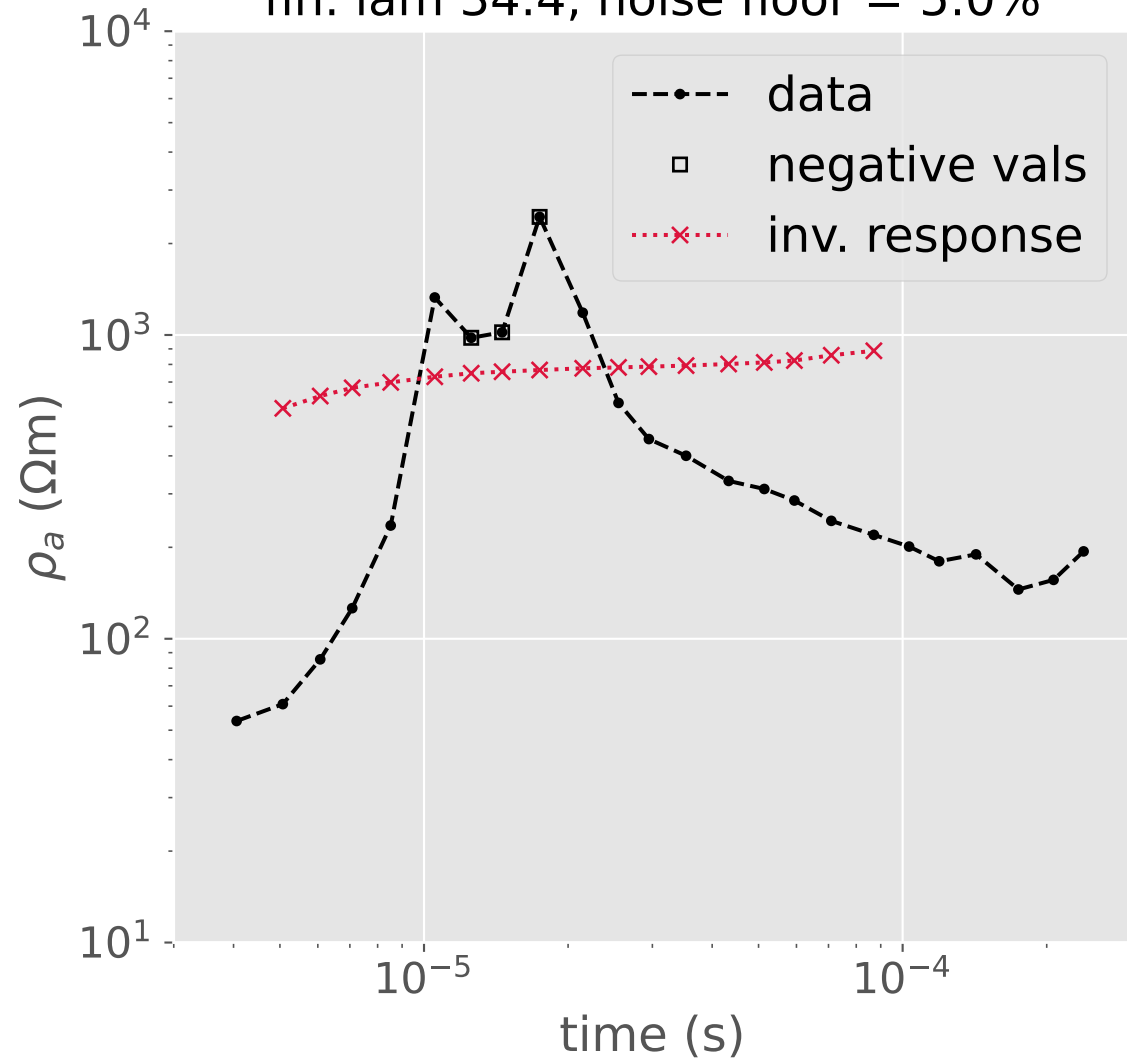
timekey: 3, 3.9 A

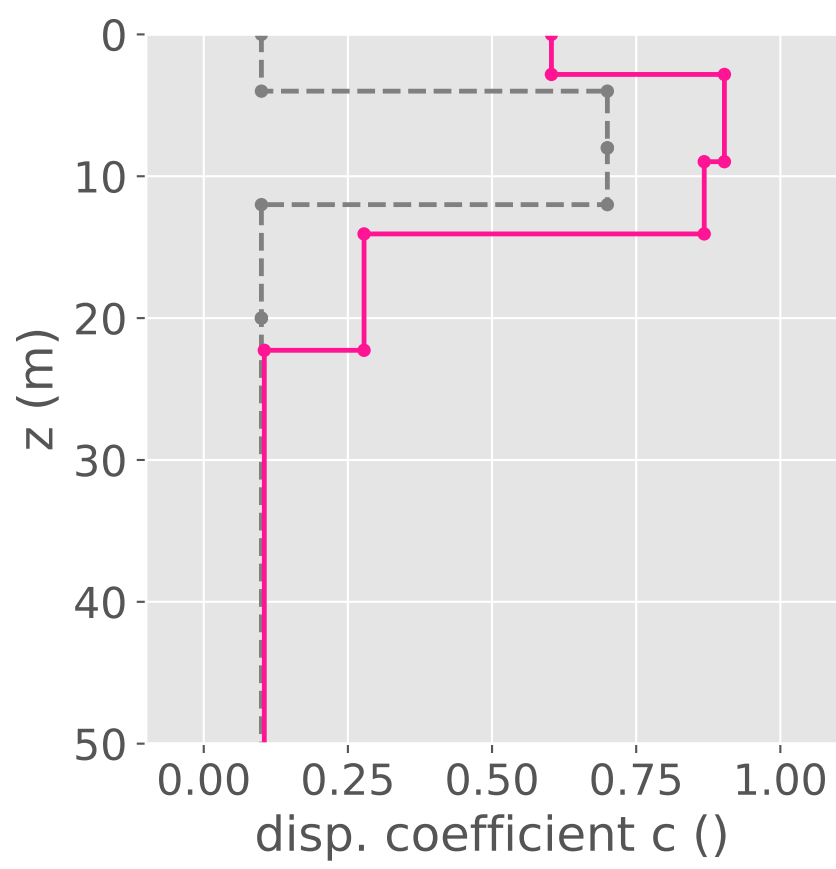
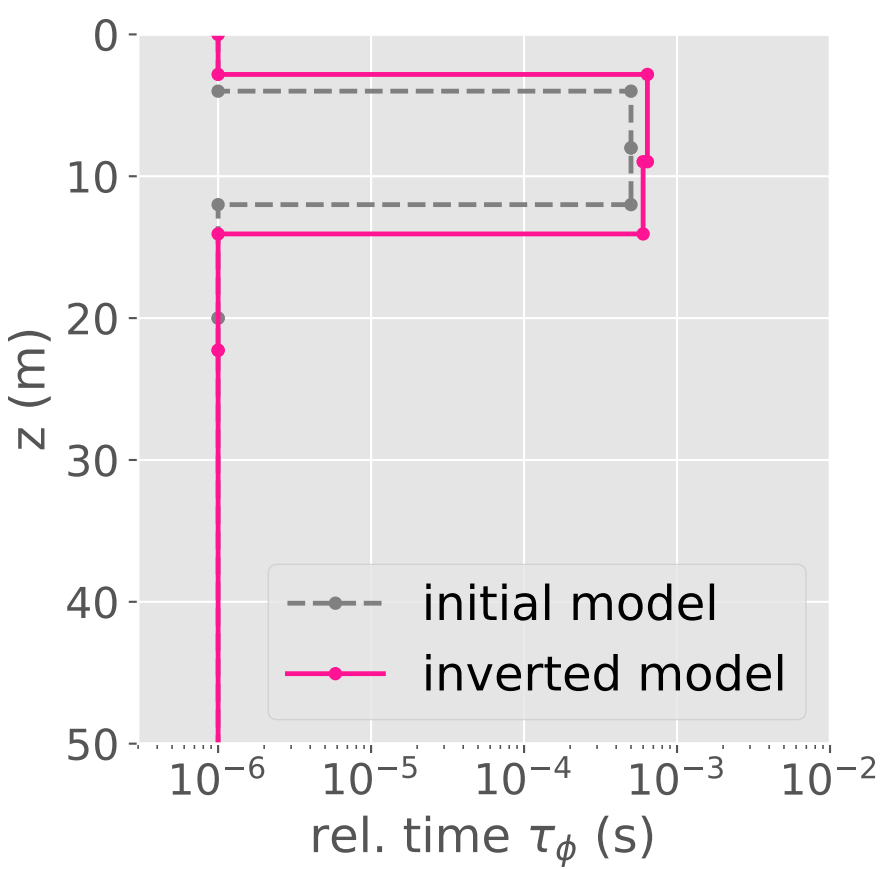
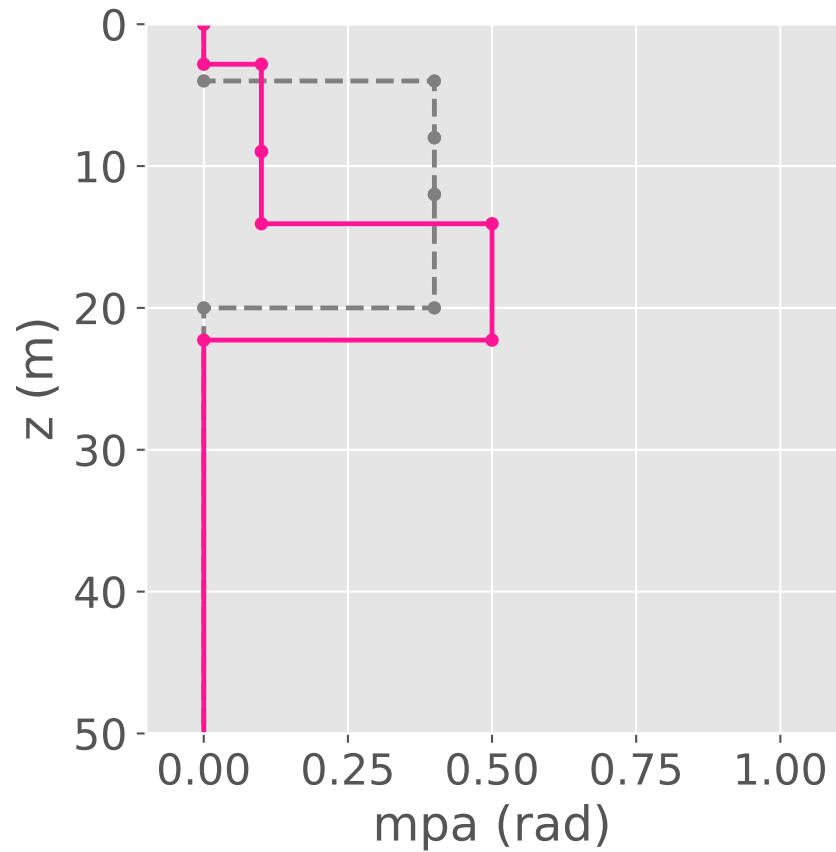
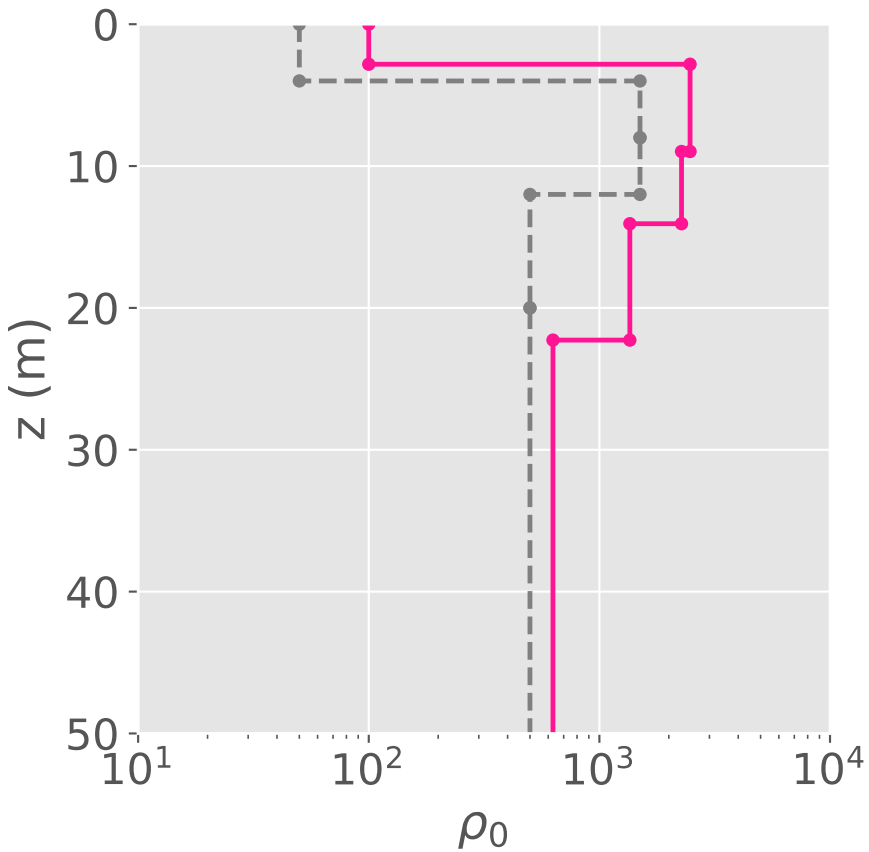


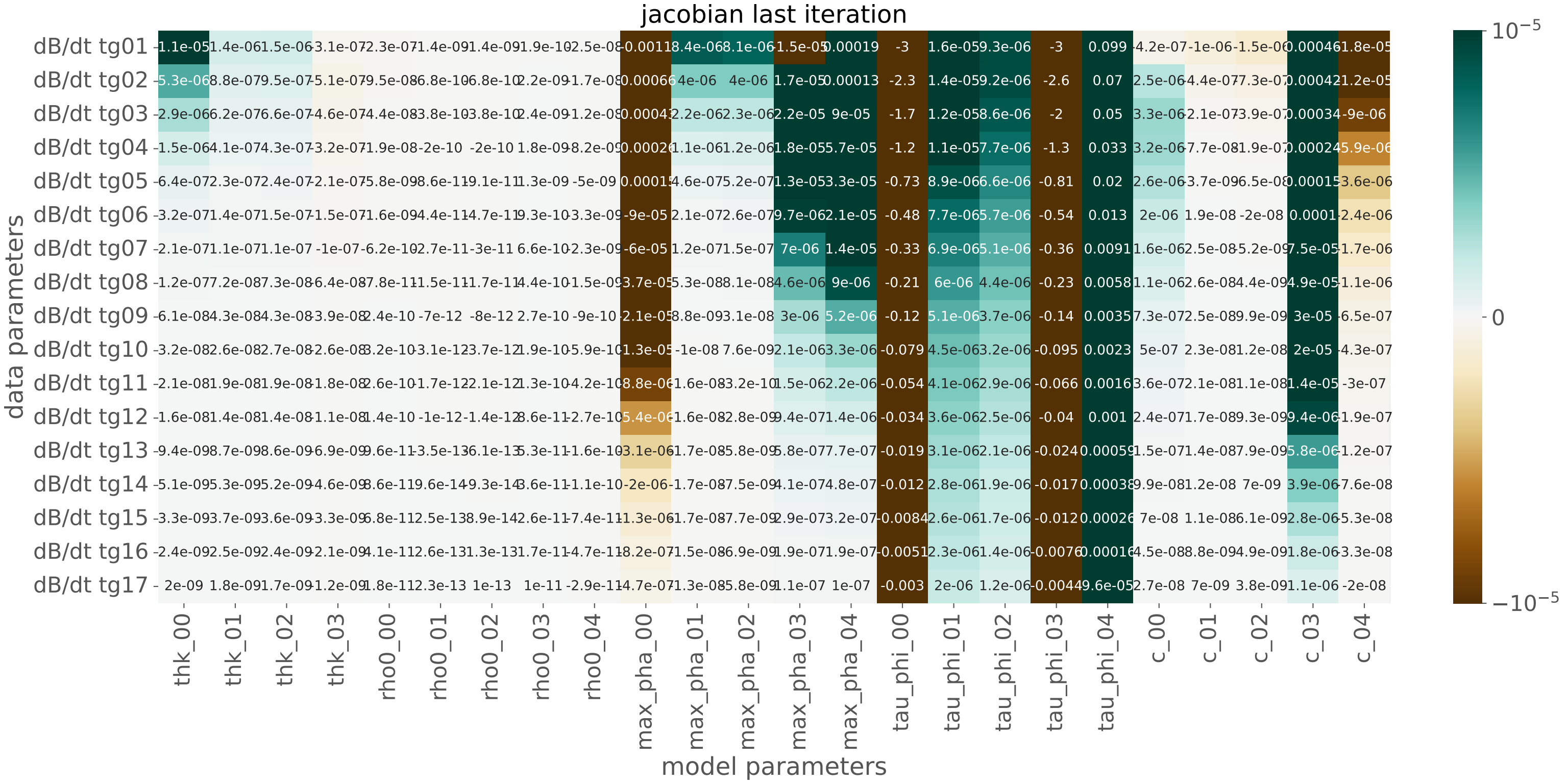
inv-run: 000, sndID: B042
chi2 = 1510.20, rrms = 200.06%



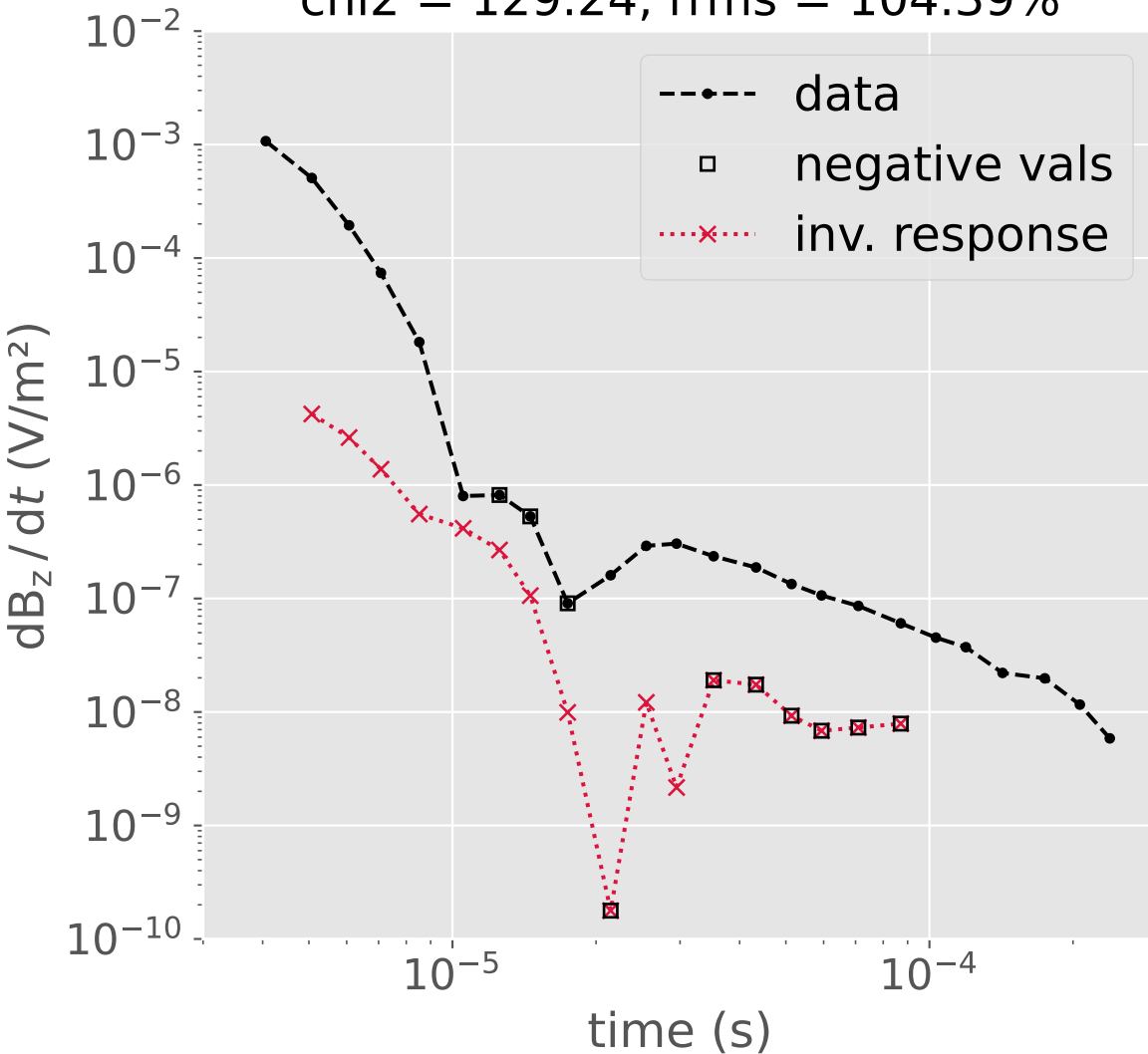
init. lam 500.0 cooling: 0.8, iters 11
fin. lam 34.4, noise floor = 5.0%



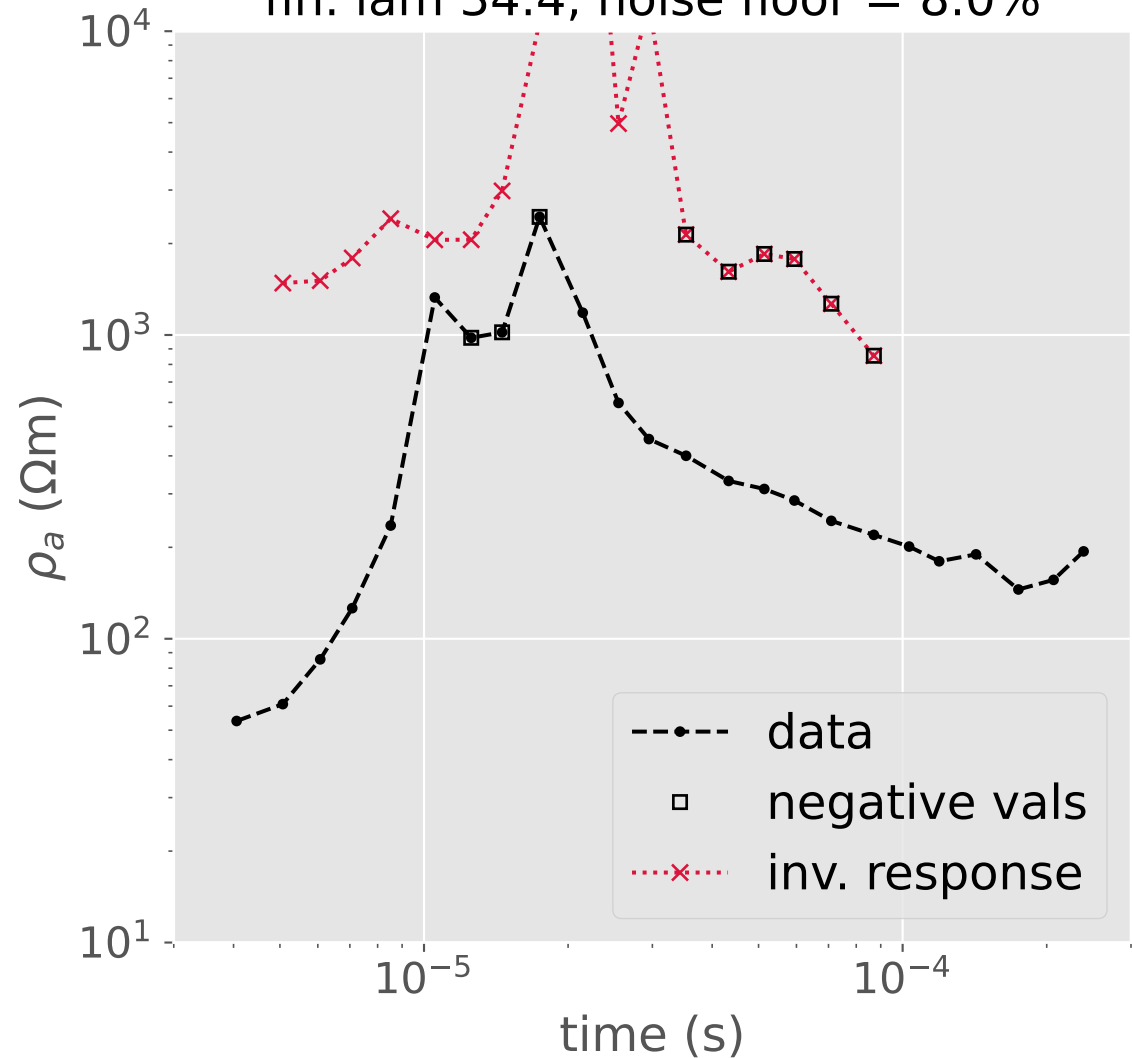


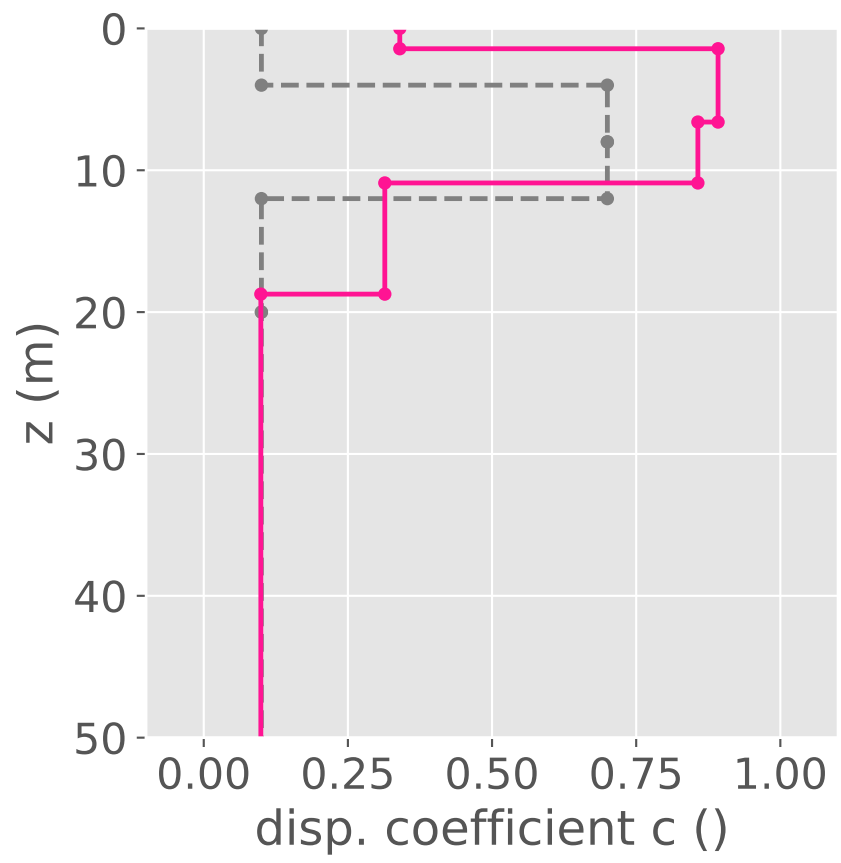
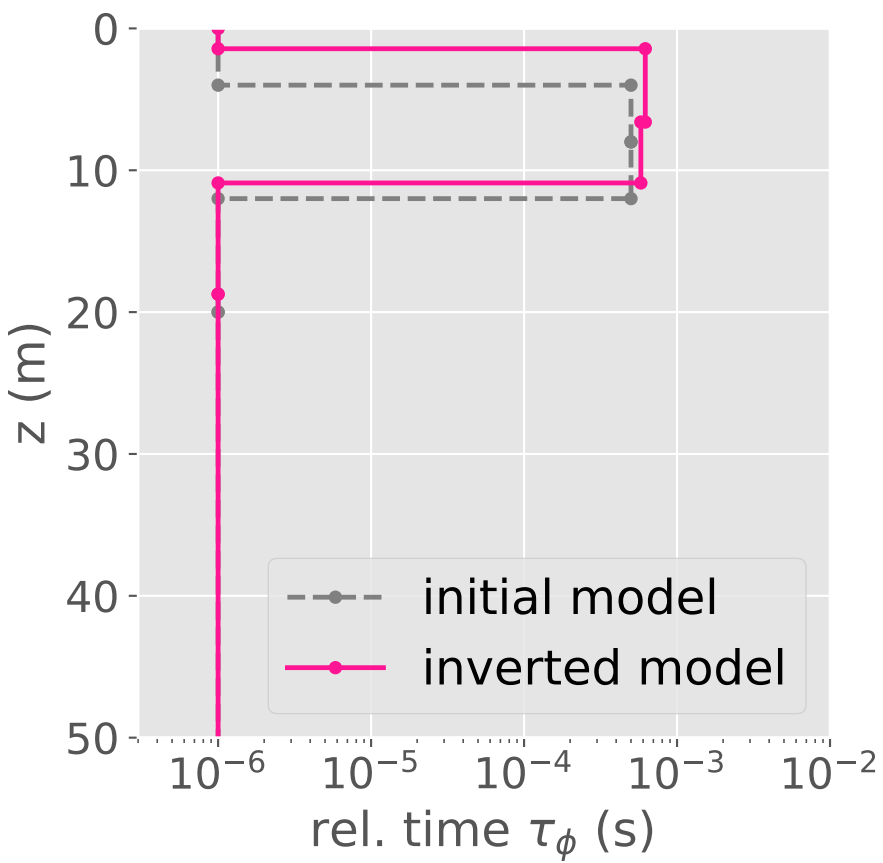
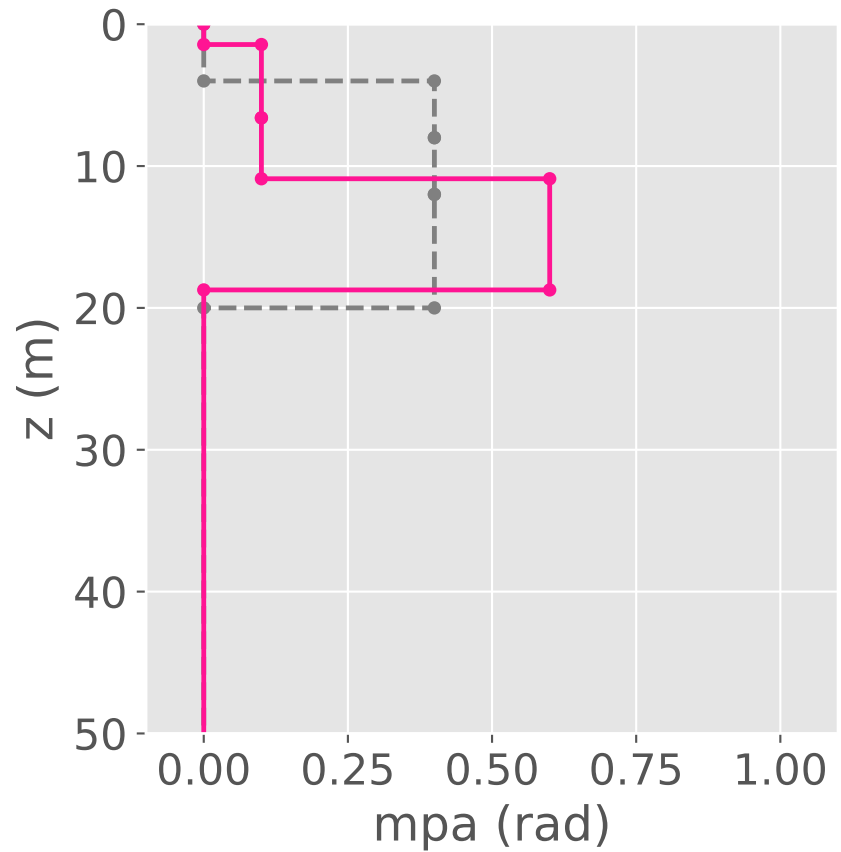
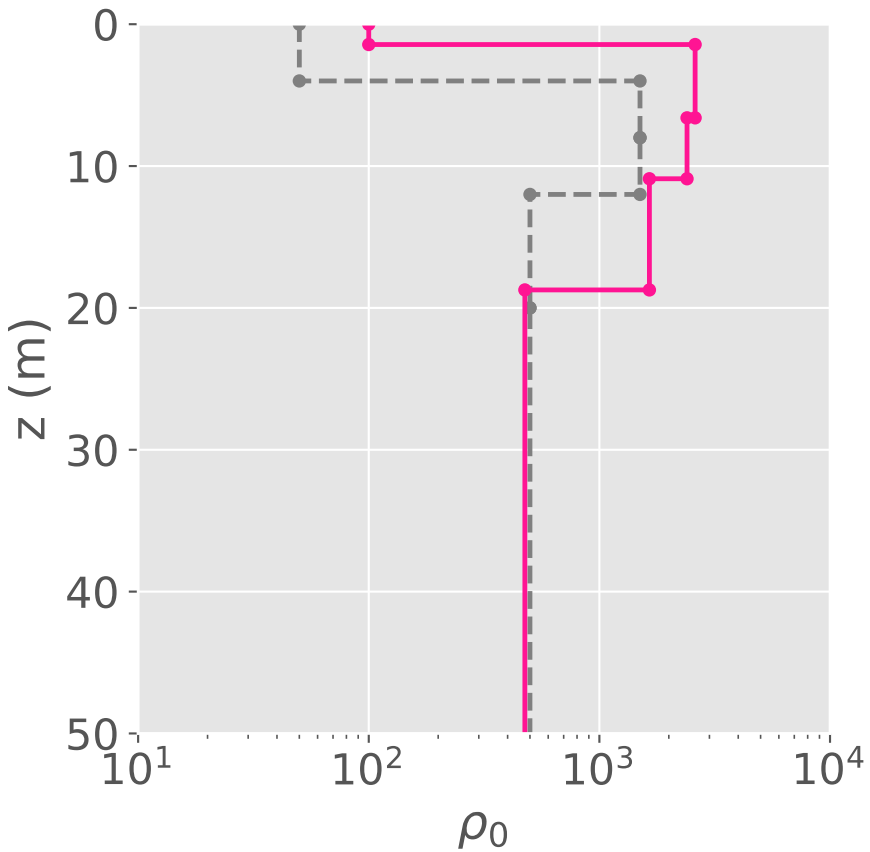


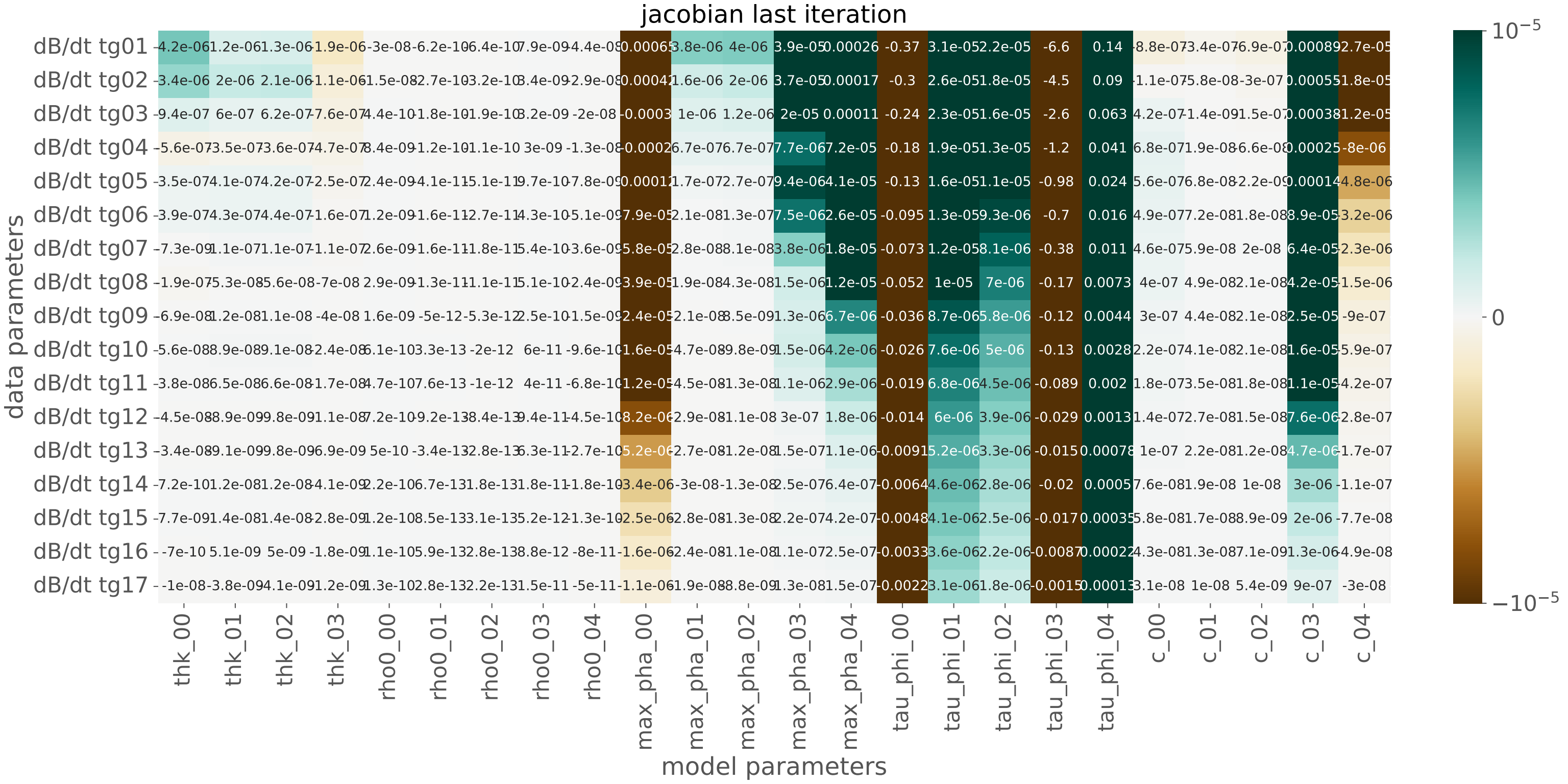
inv-run: 001, sndID: B042
chi2 = 129.24, rrms = 104.39%



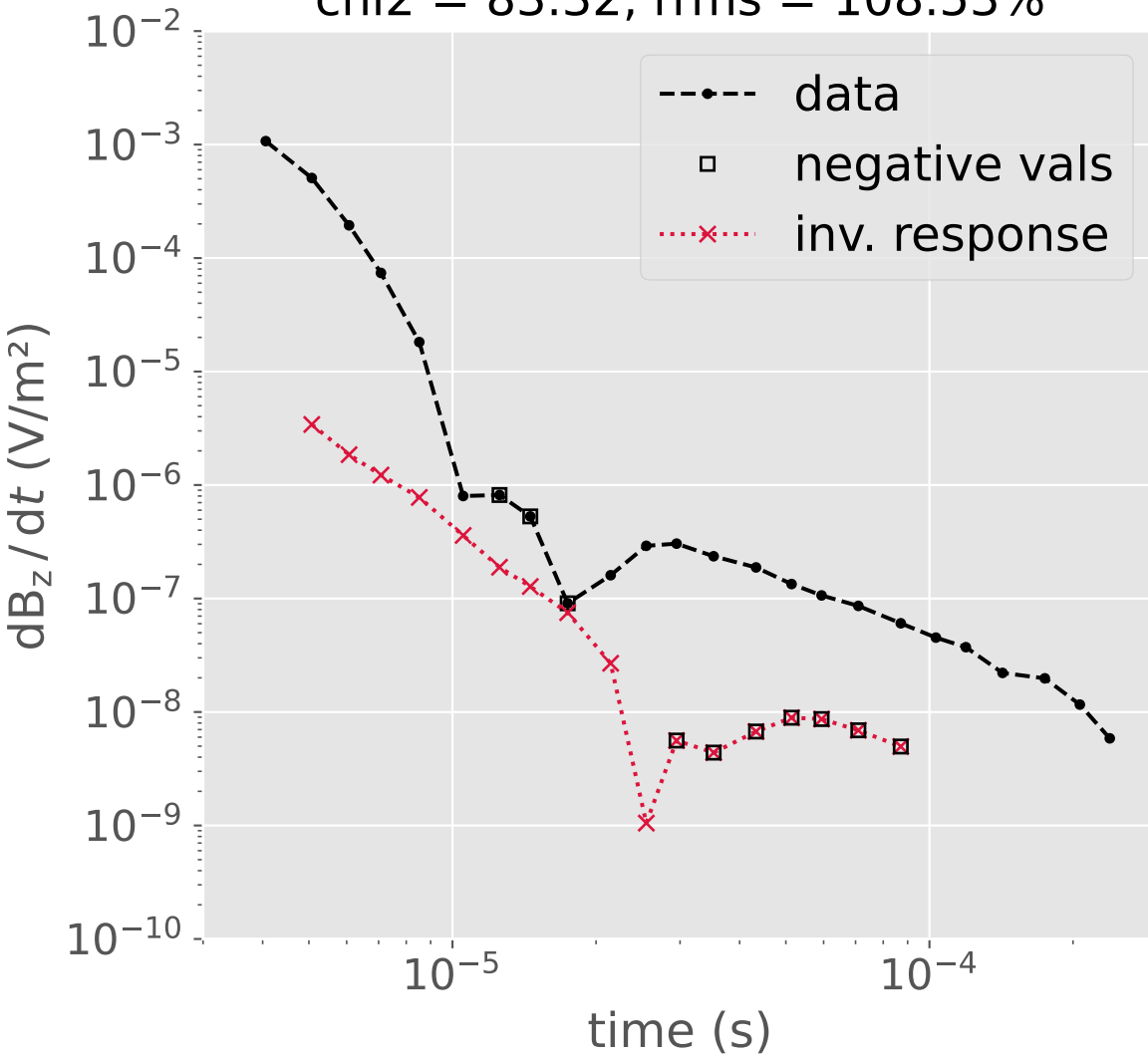
init. lam 500.0 cooling: 0.8, iters 11
fin. lam 34.4, noise floor = 8.0%



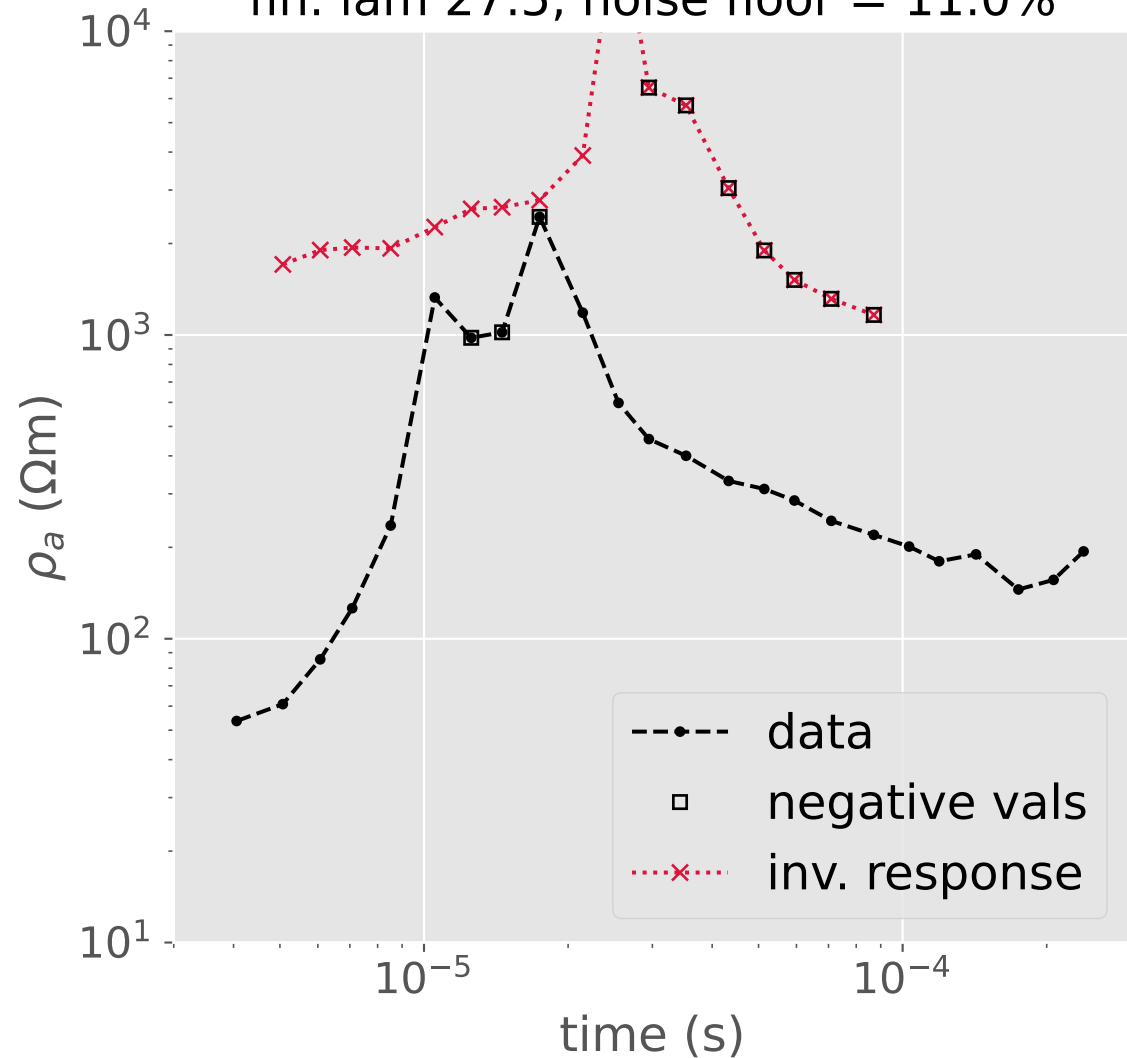


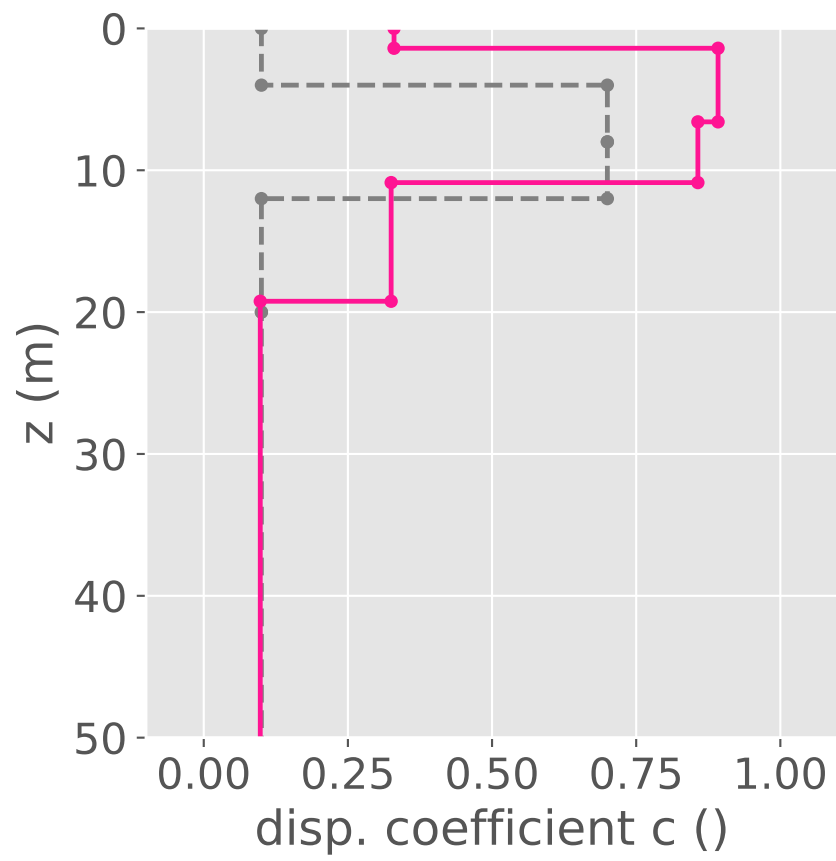
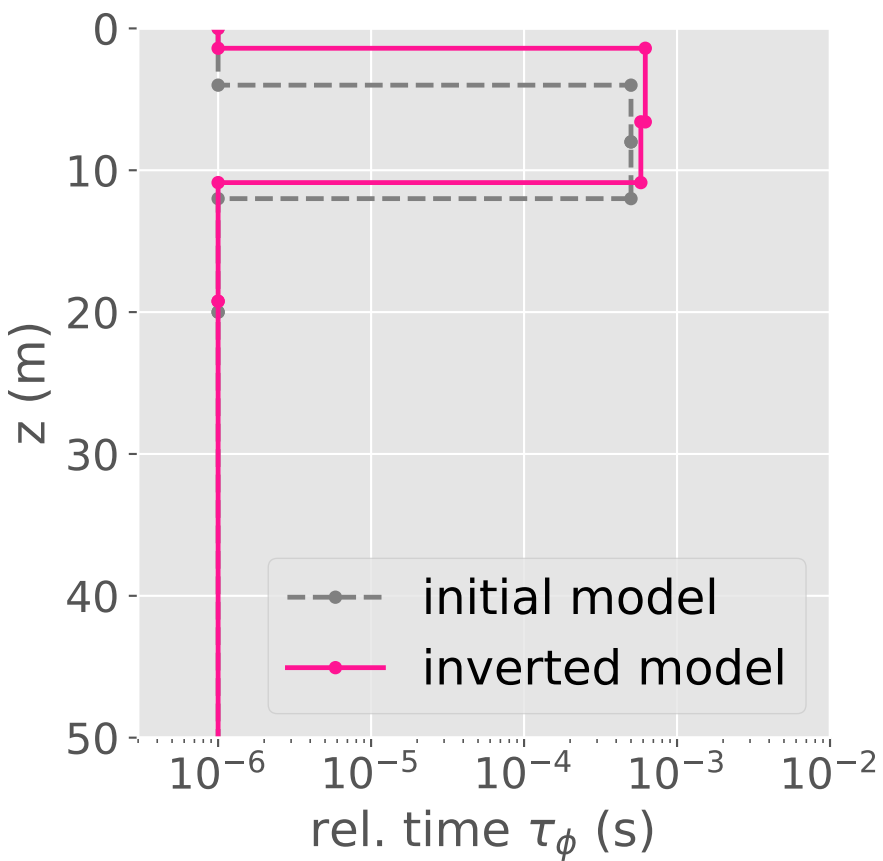
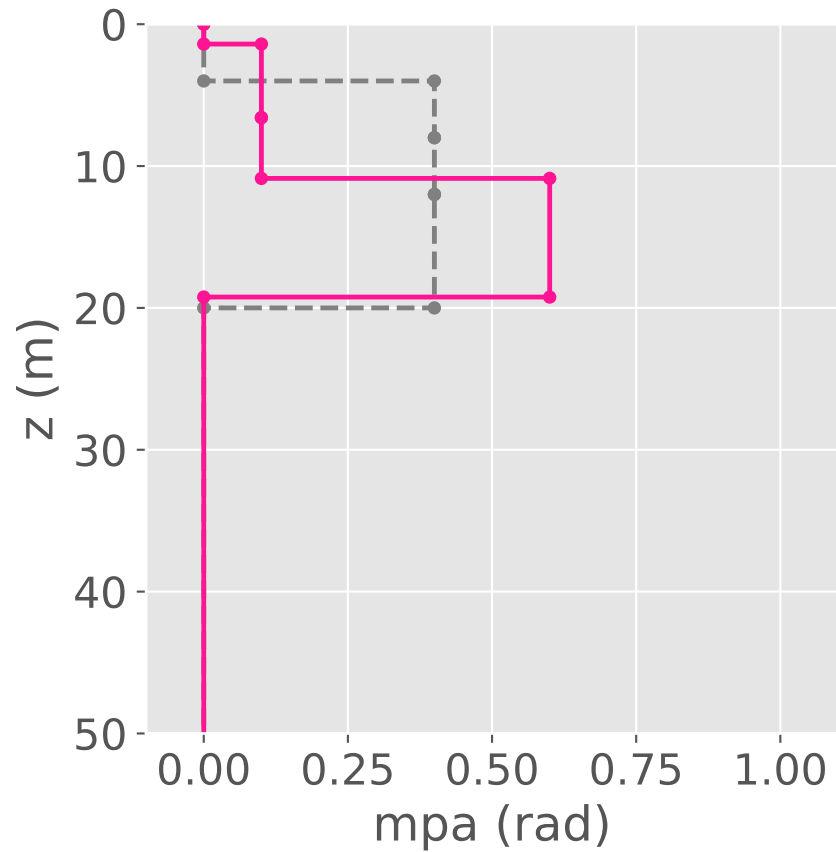
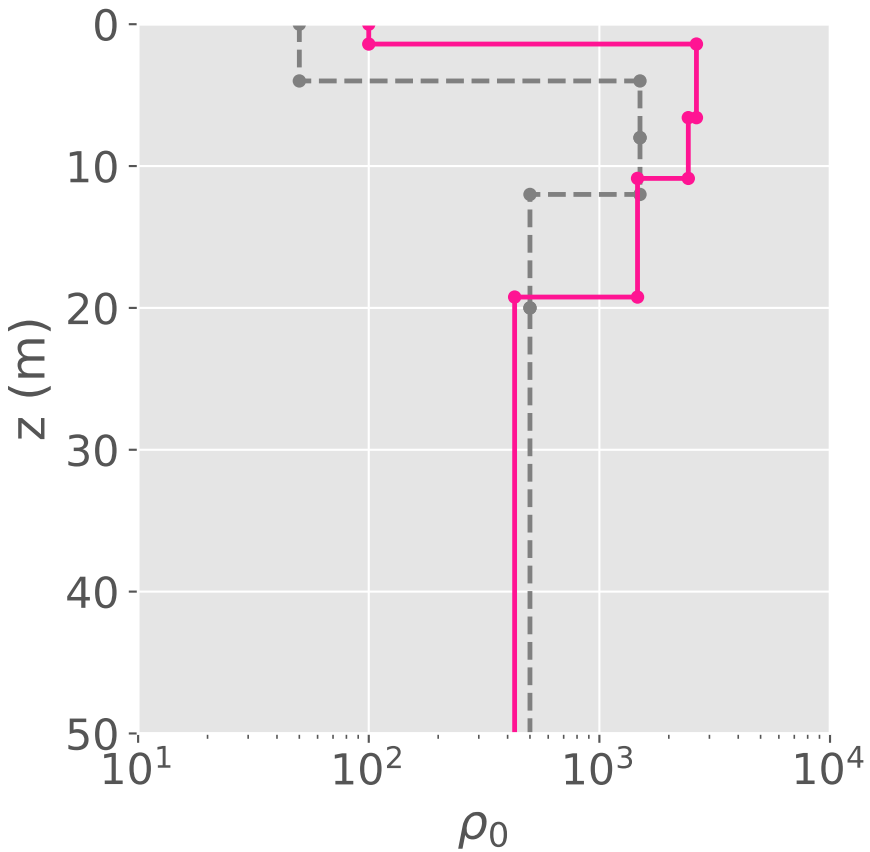


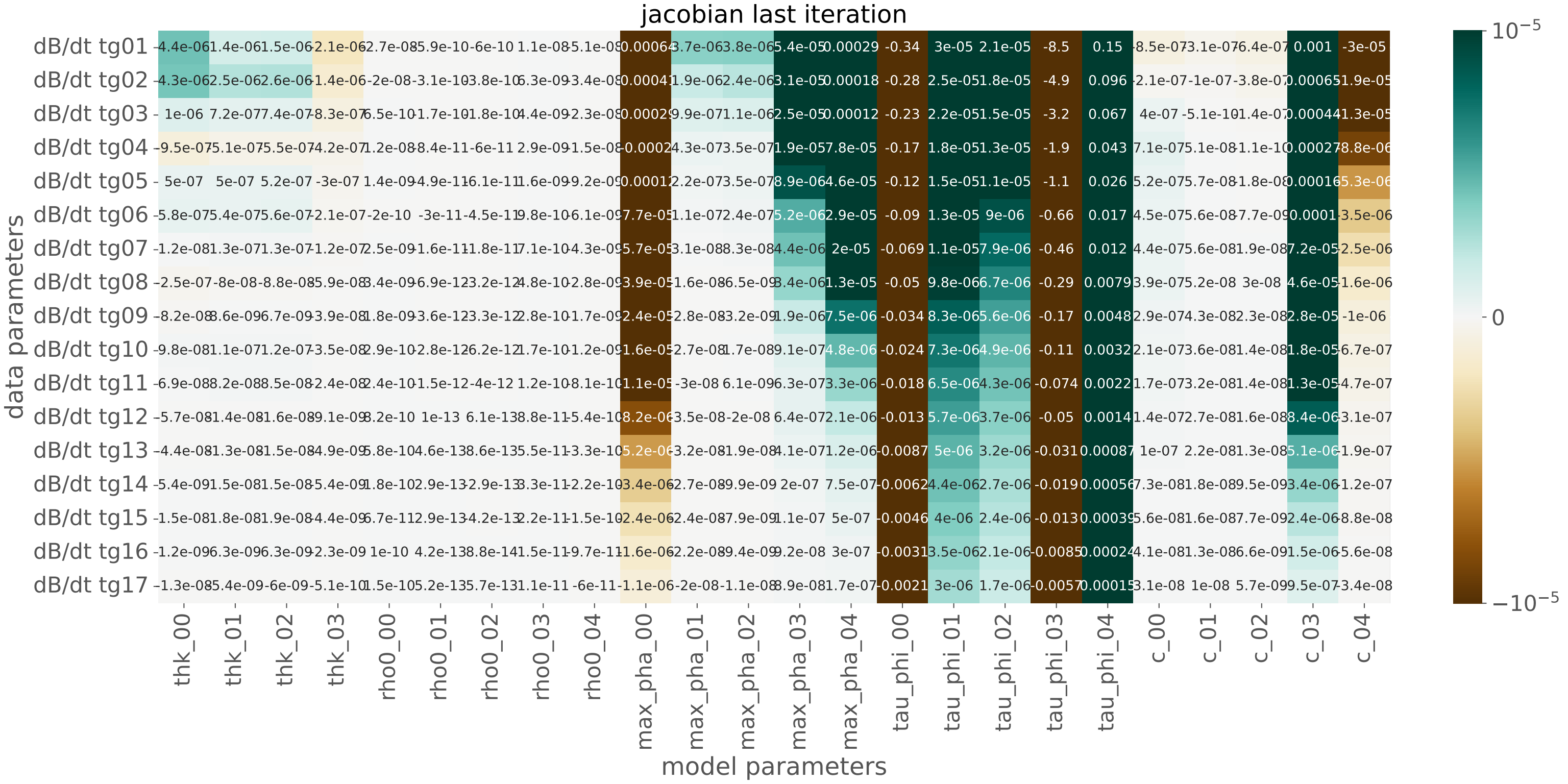
inv-run: 002, sndID: B042
chi2 = 83.32, rrms = 108.53%



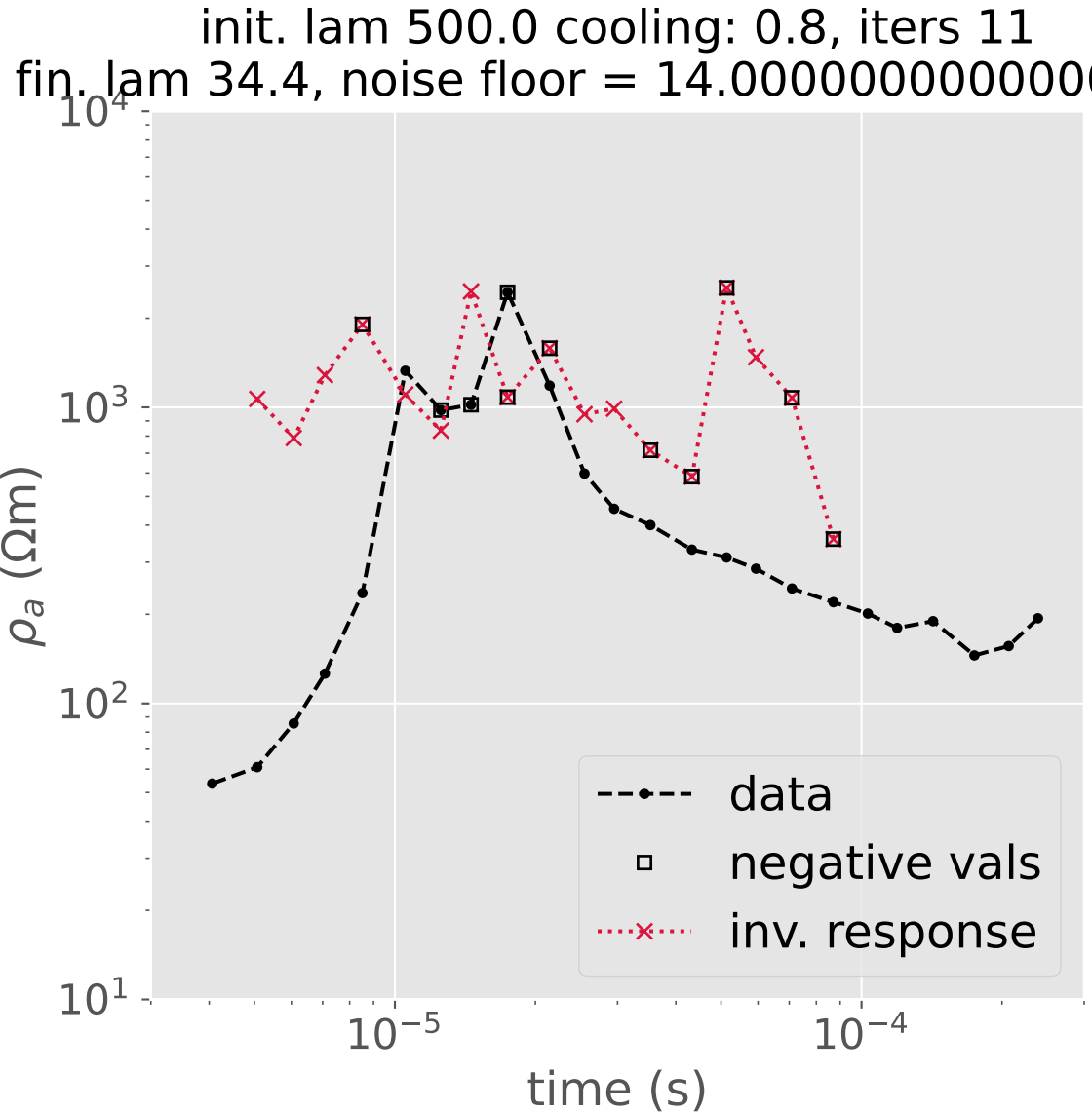
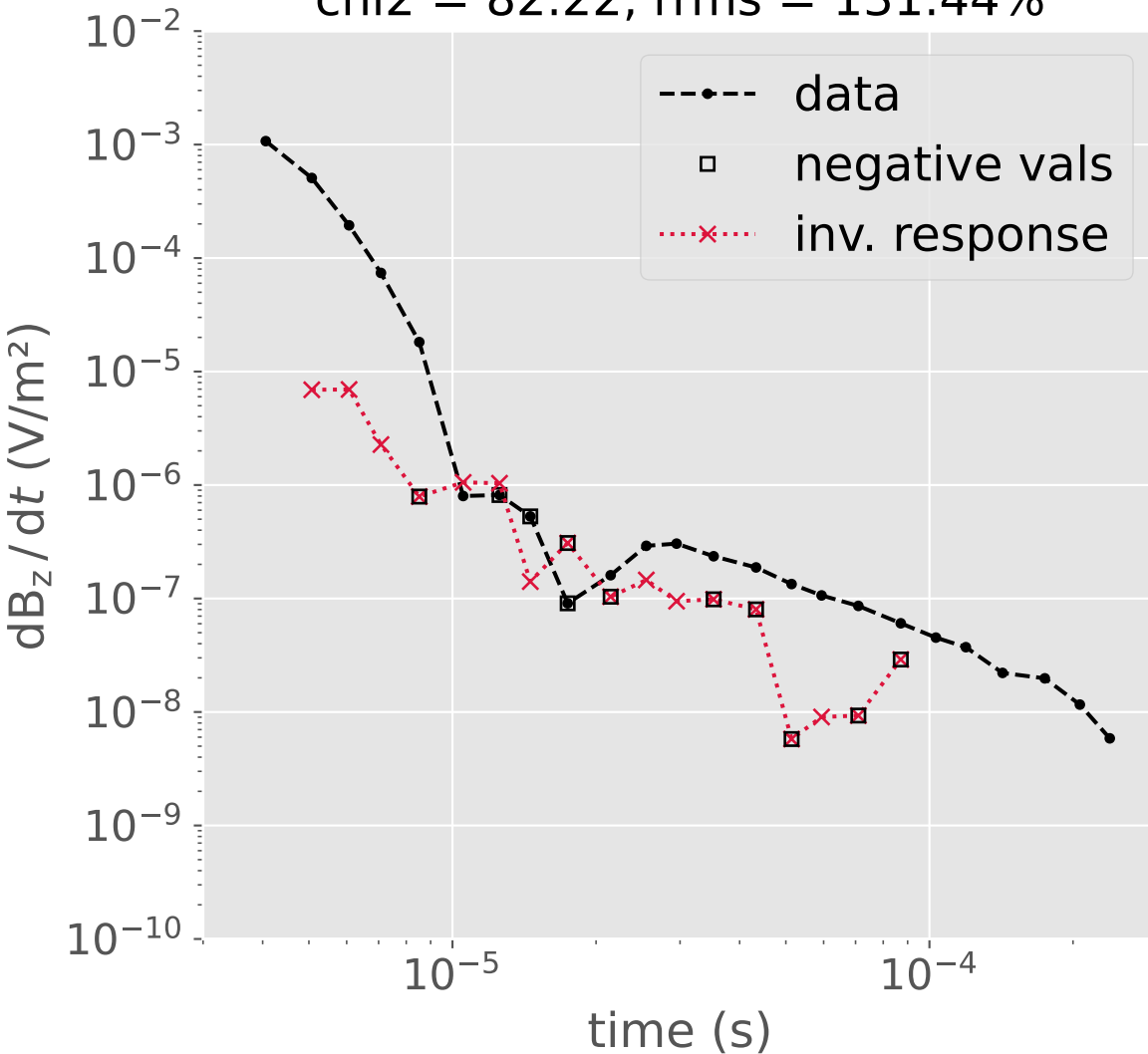
init. lam 500.0 cooling: 0.8, iters 12
fin. lam 27.5, noise floor = 11.0%

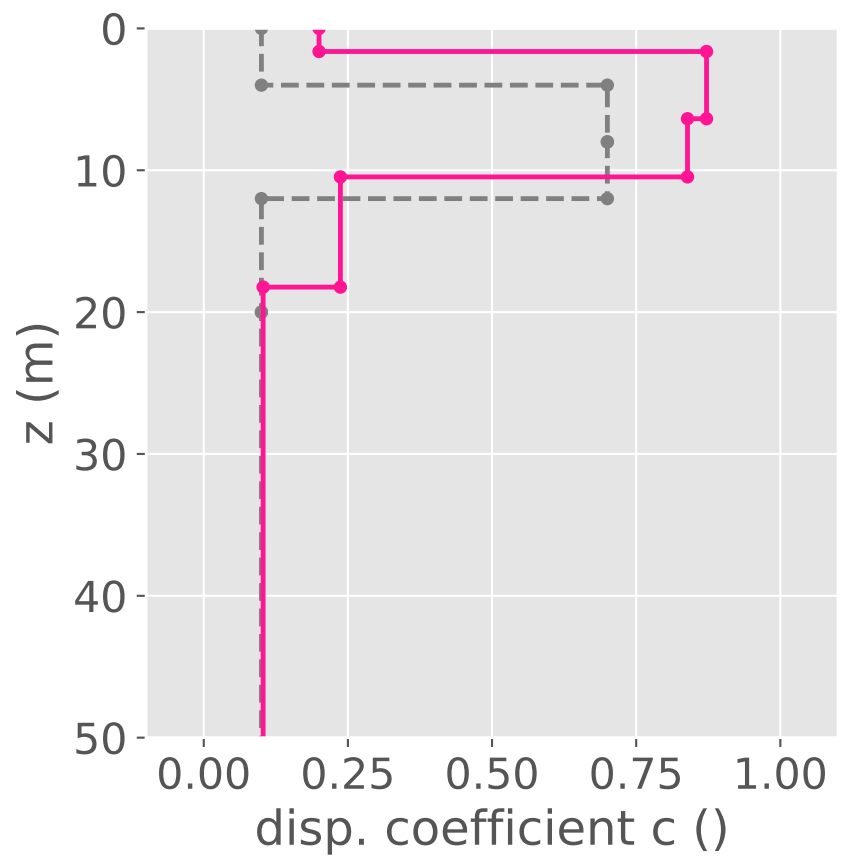
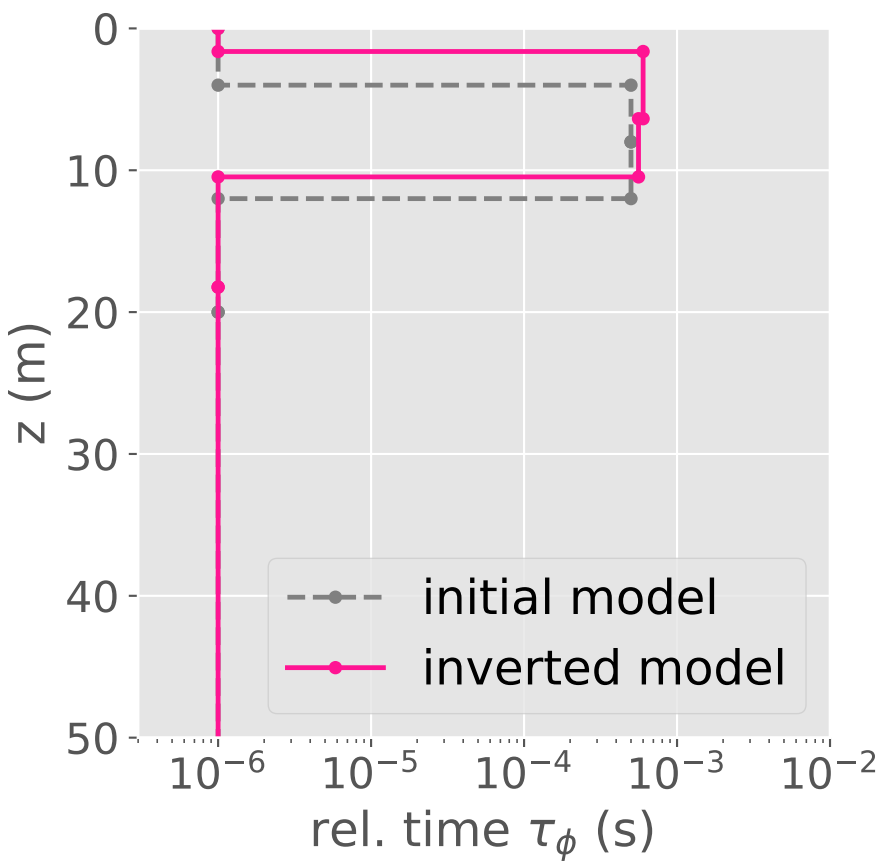
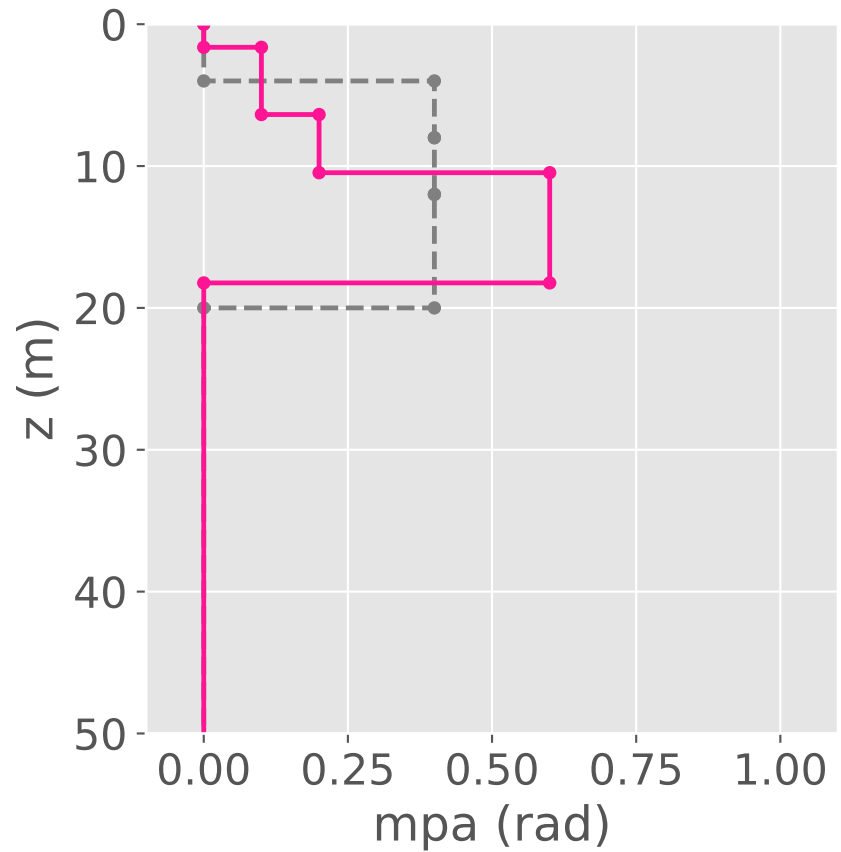
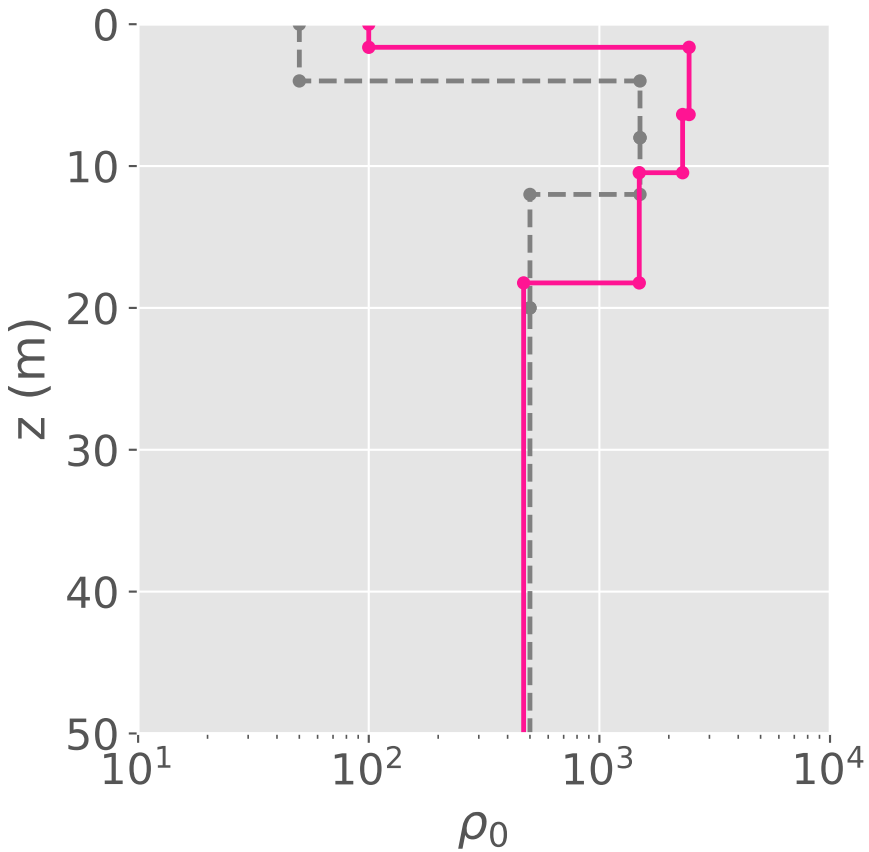


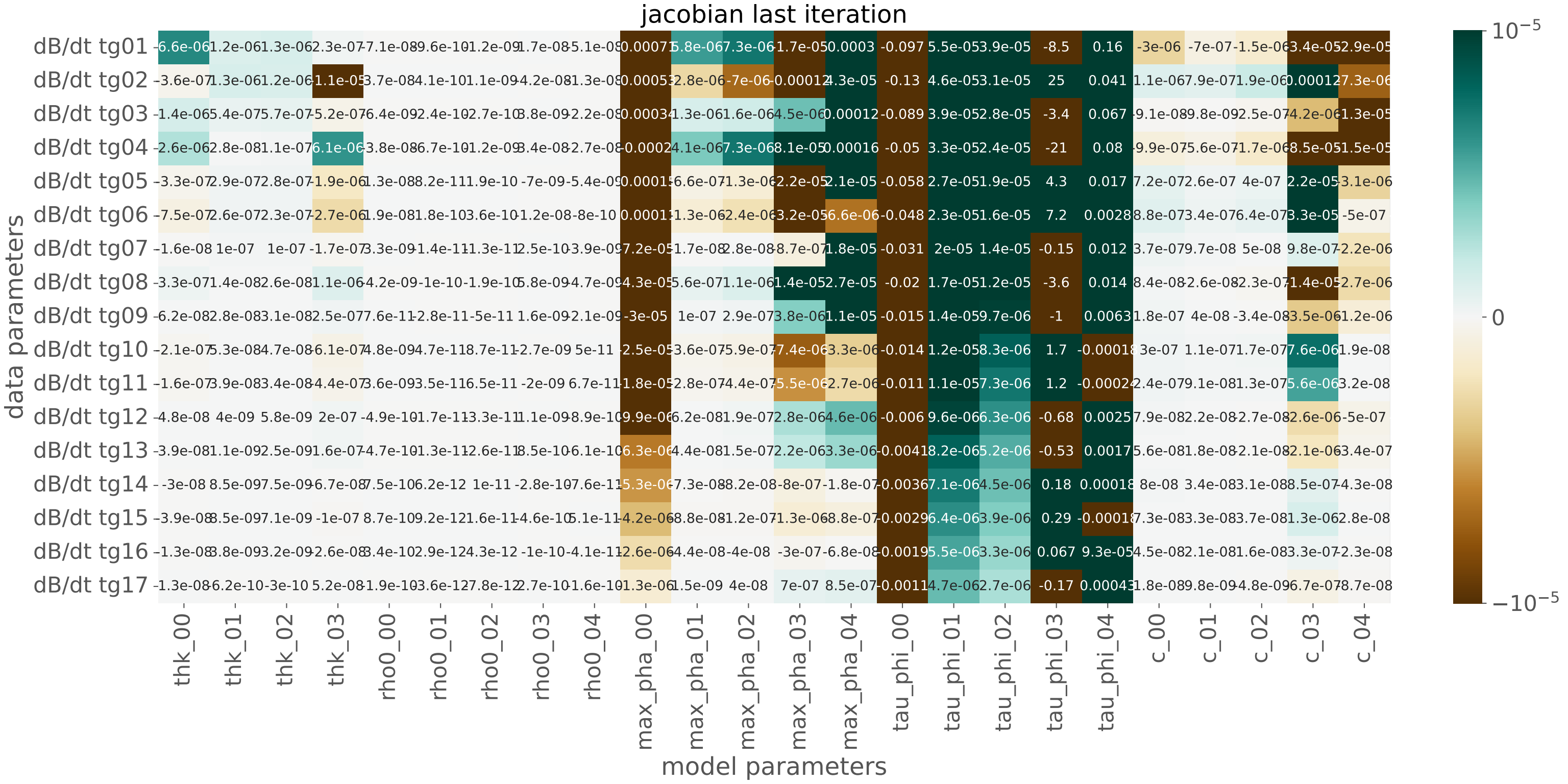




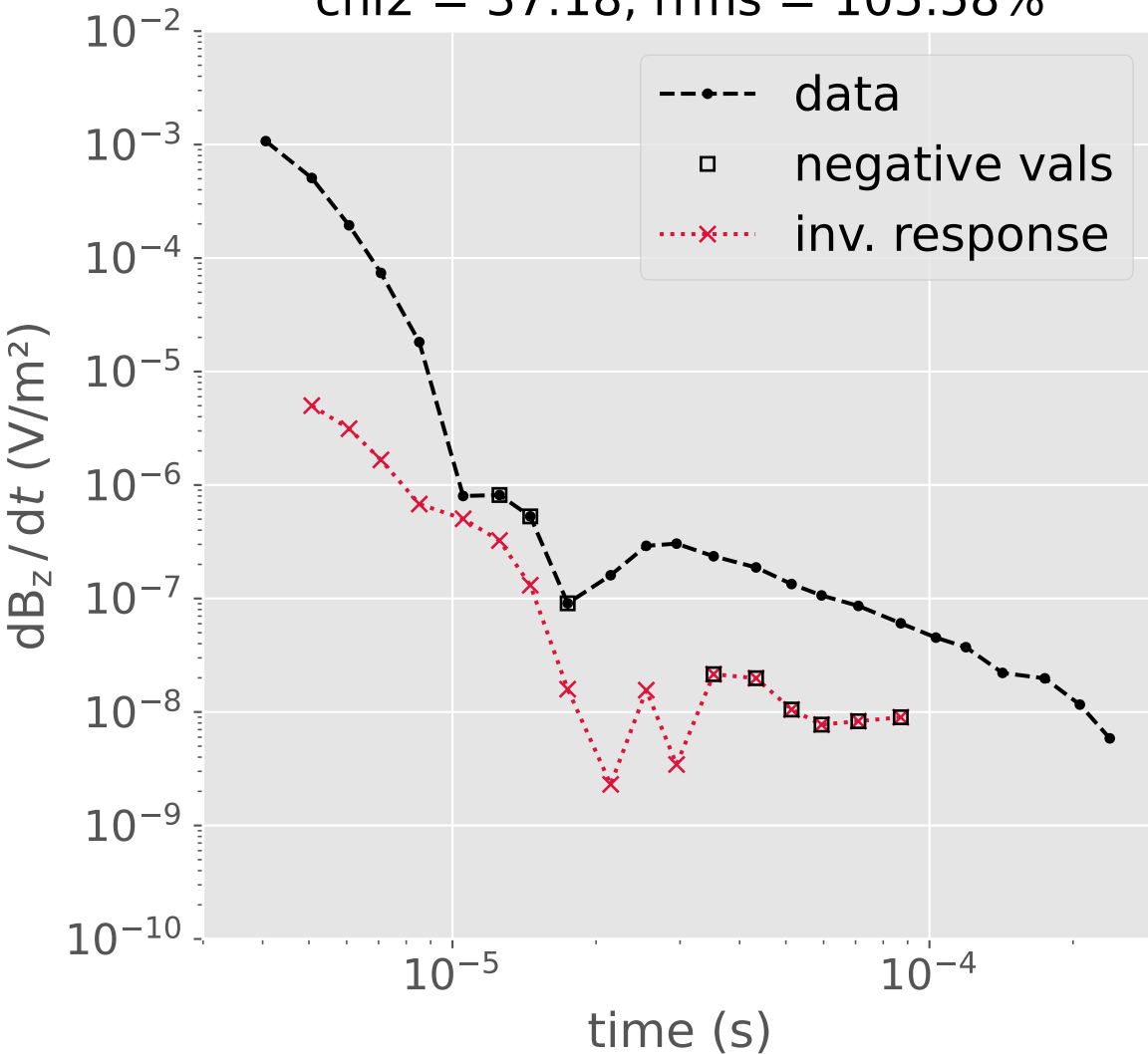
inv-run: 003, sndID: B042
chi2 = 82.22, rrms = 131.44%



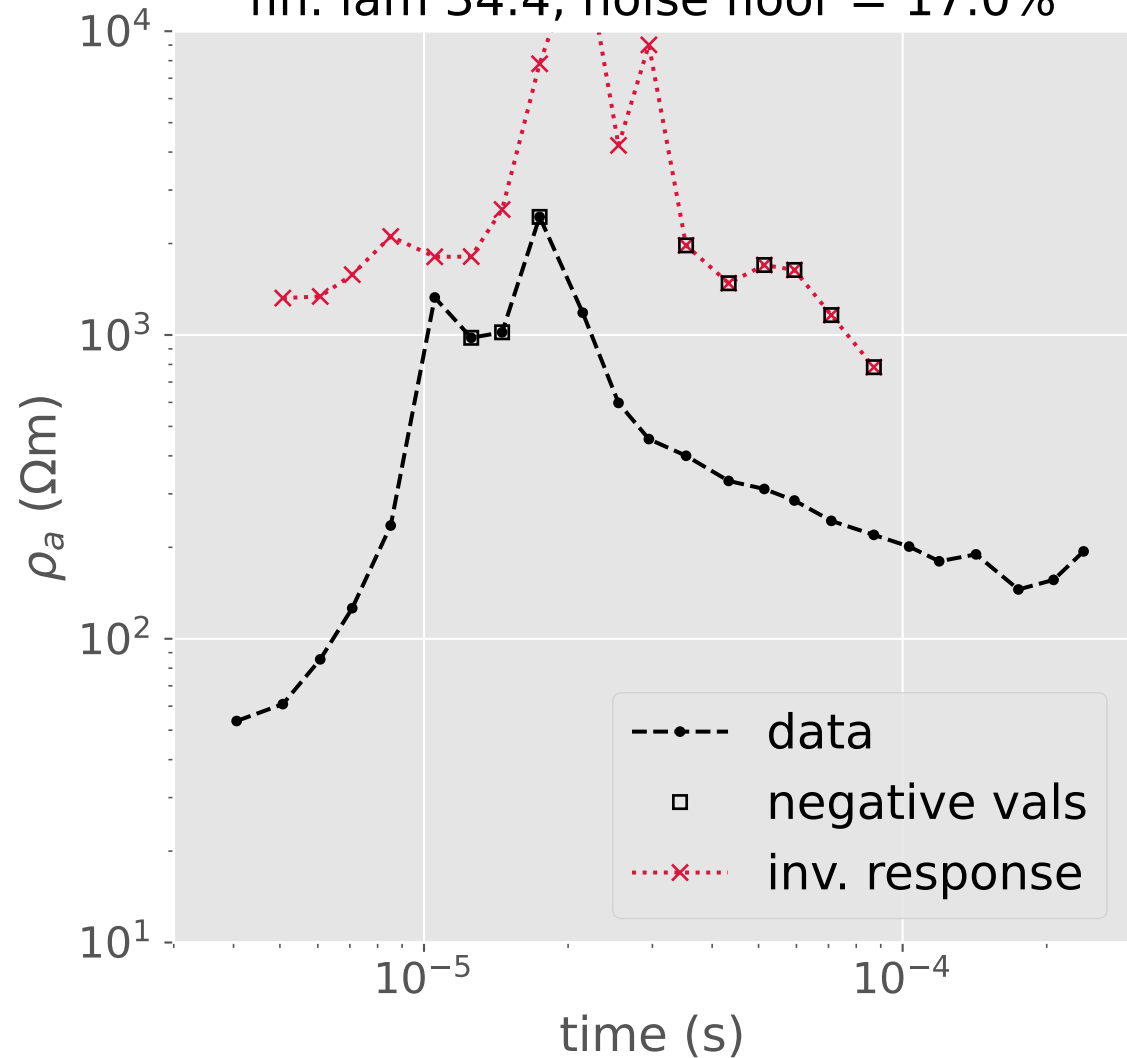


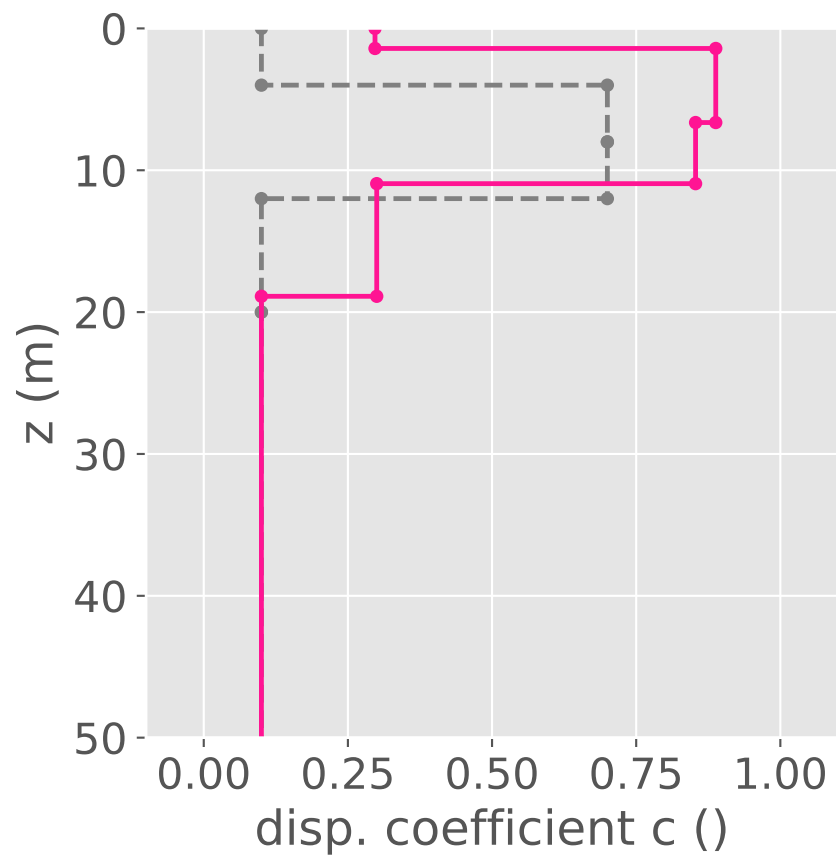
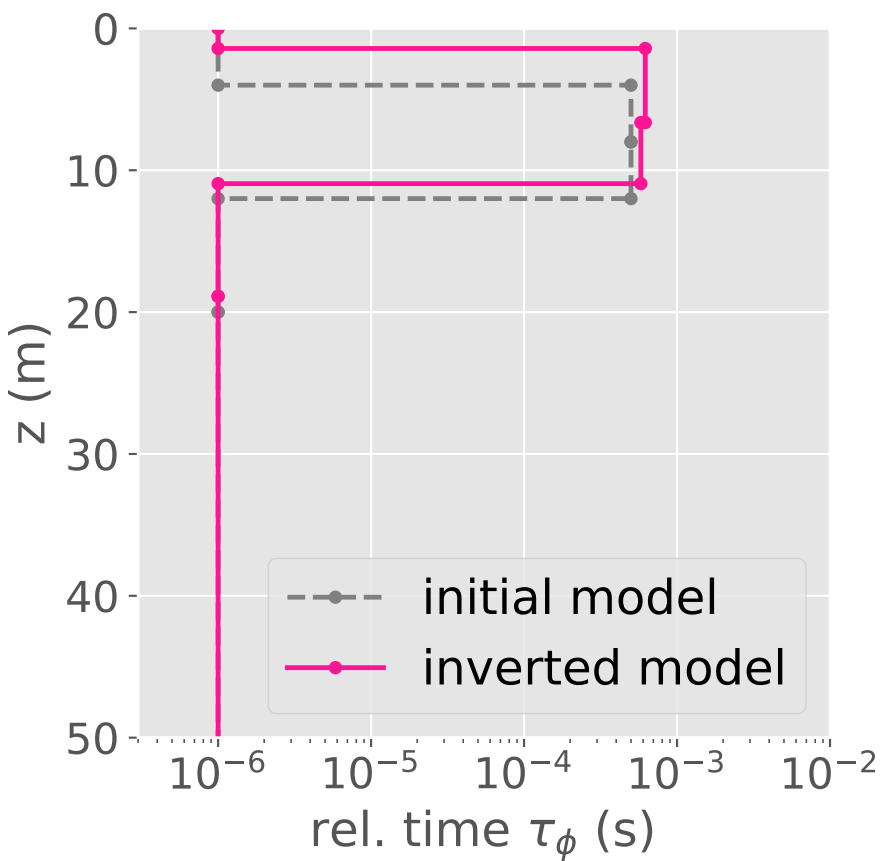
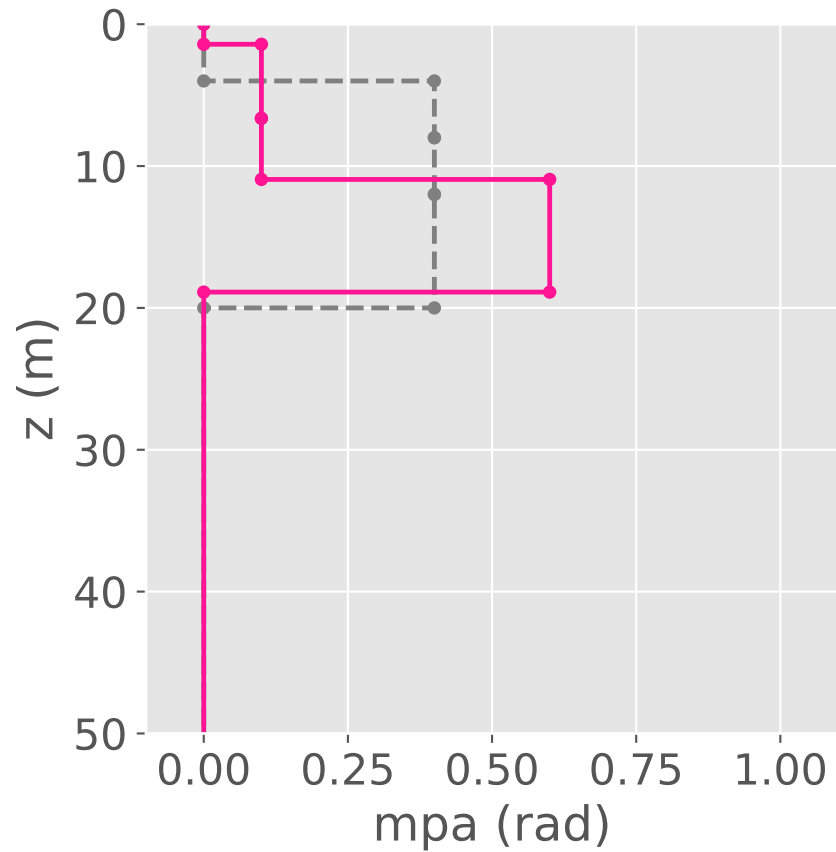
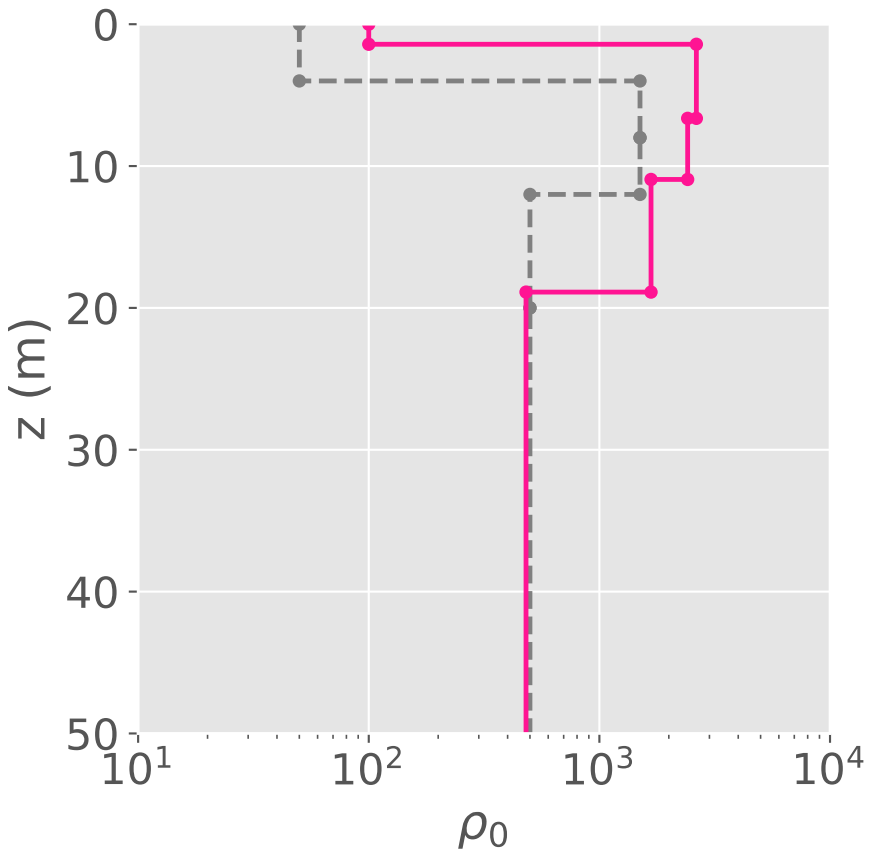


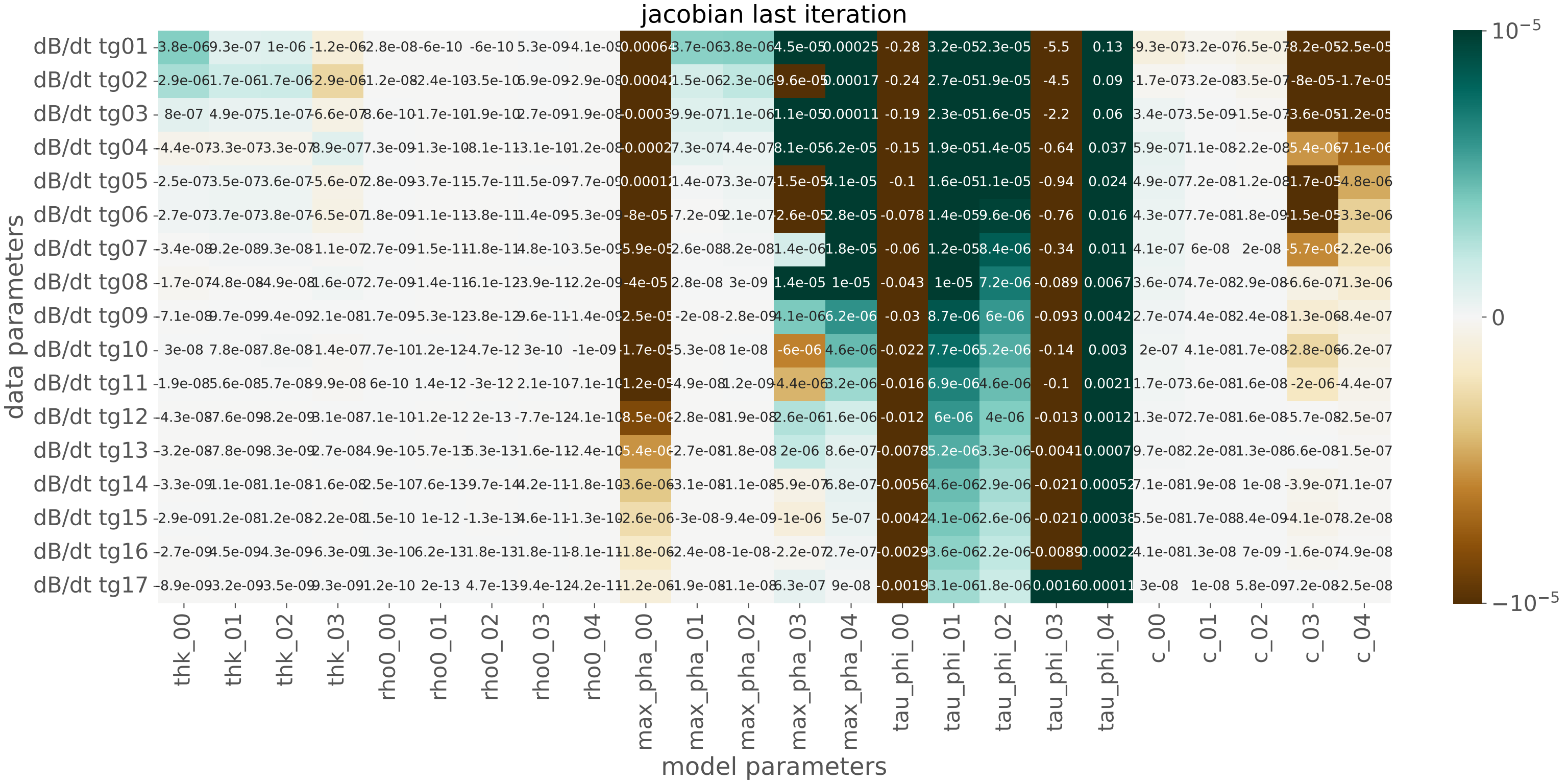
inv-run: 004, sndID: B042
chi2 = 37.18, rrms = 105.58%



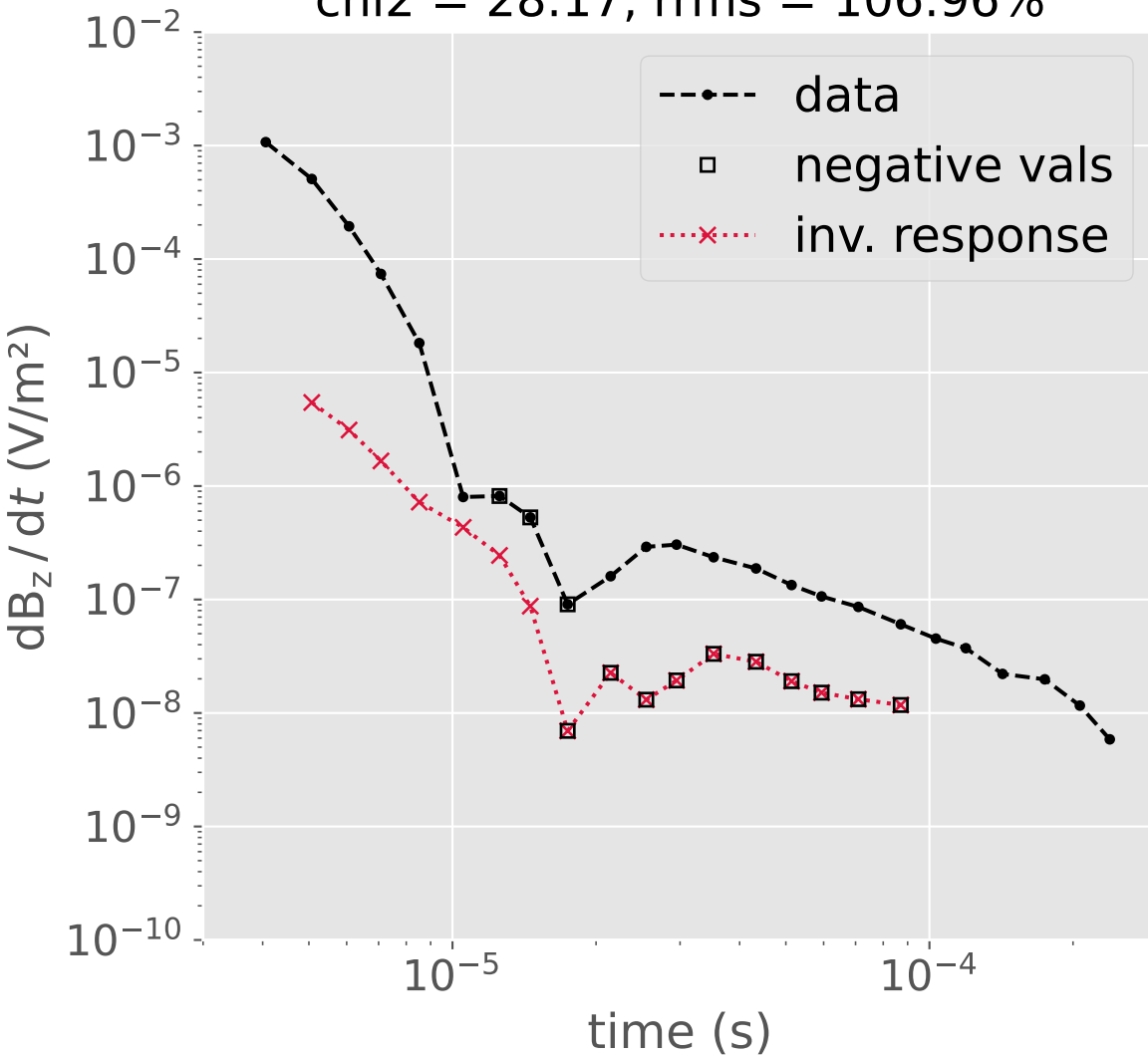
init. lam 500.0 cooling: 0.8, iters 11
fin. lam 34.4, noise floor = 17.0%



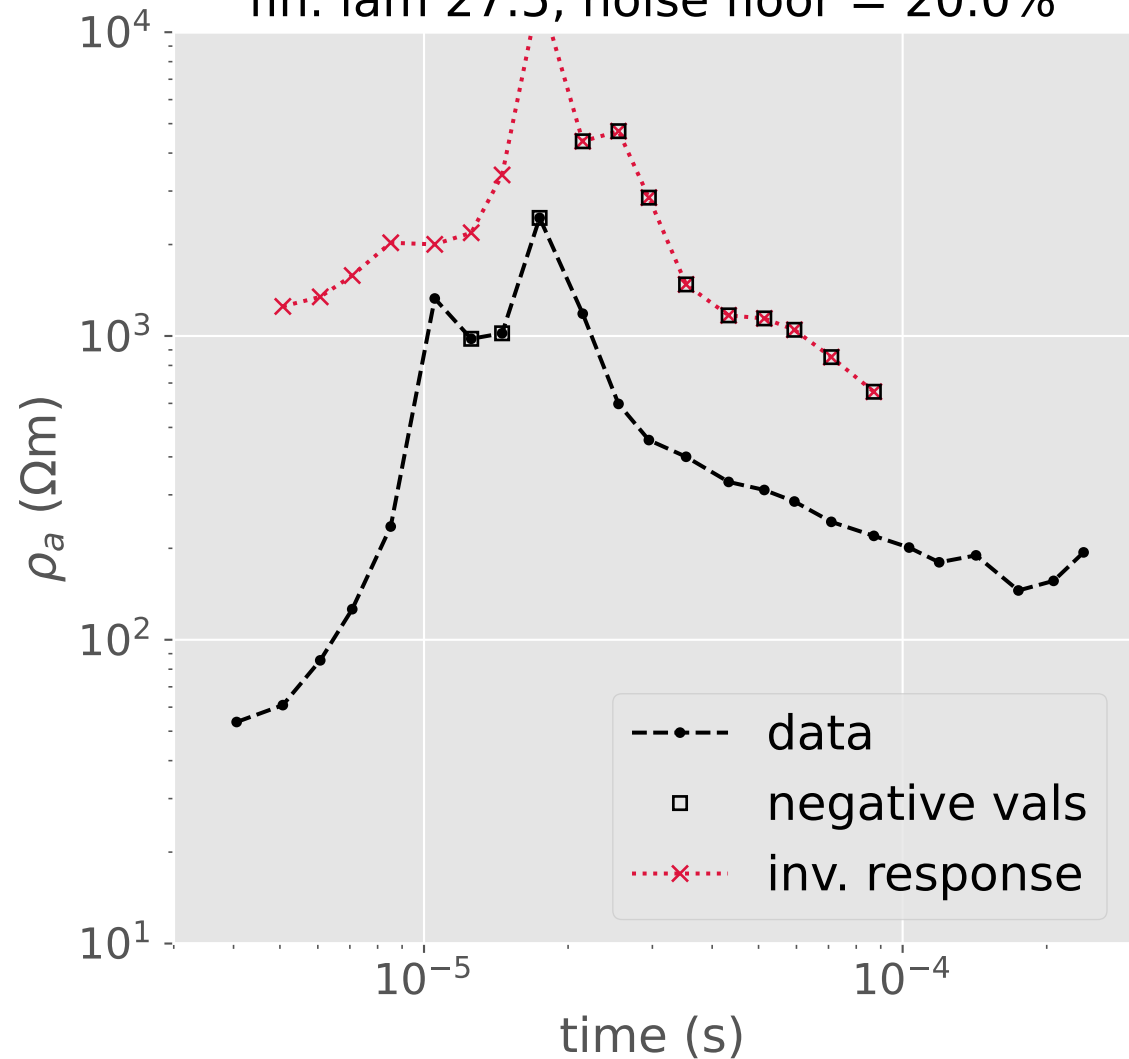


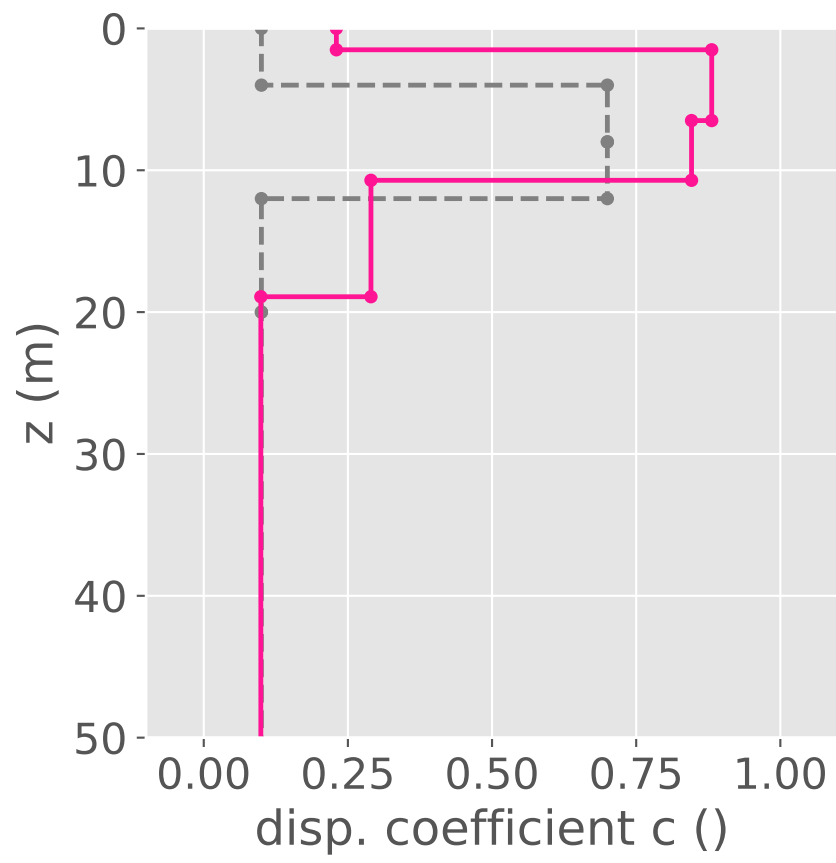
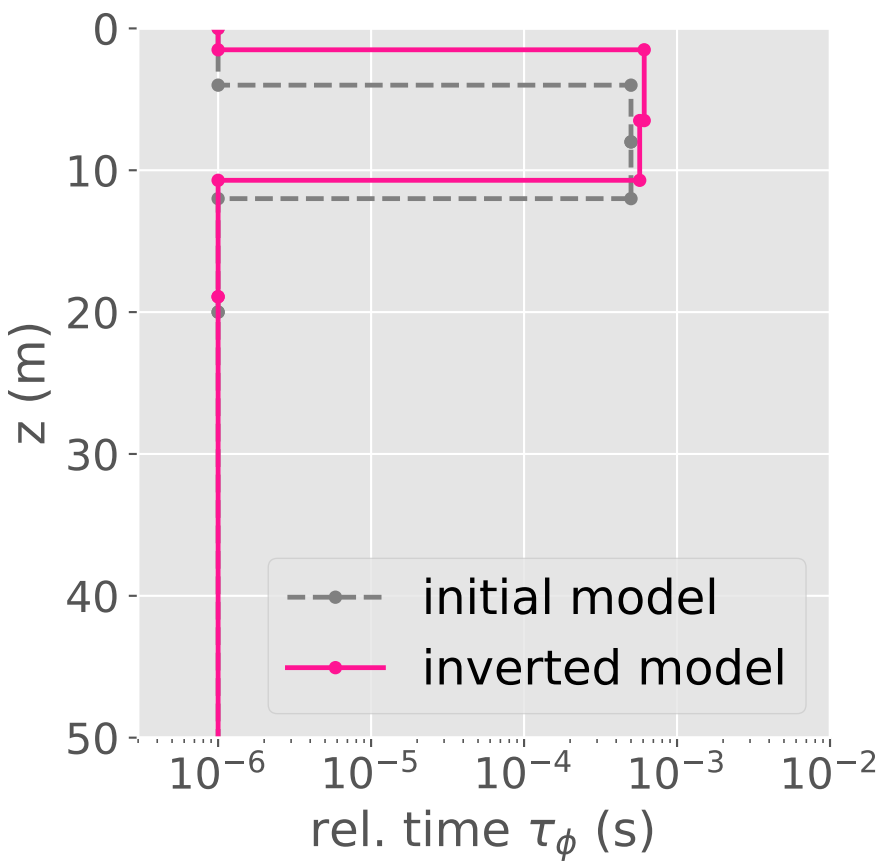
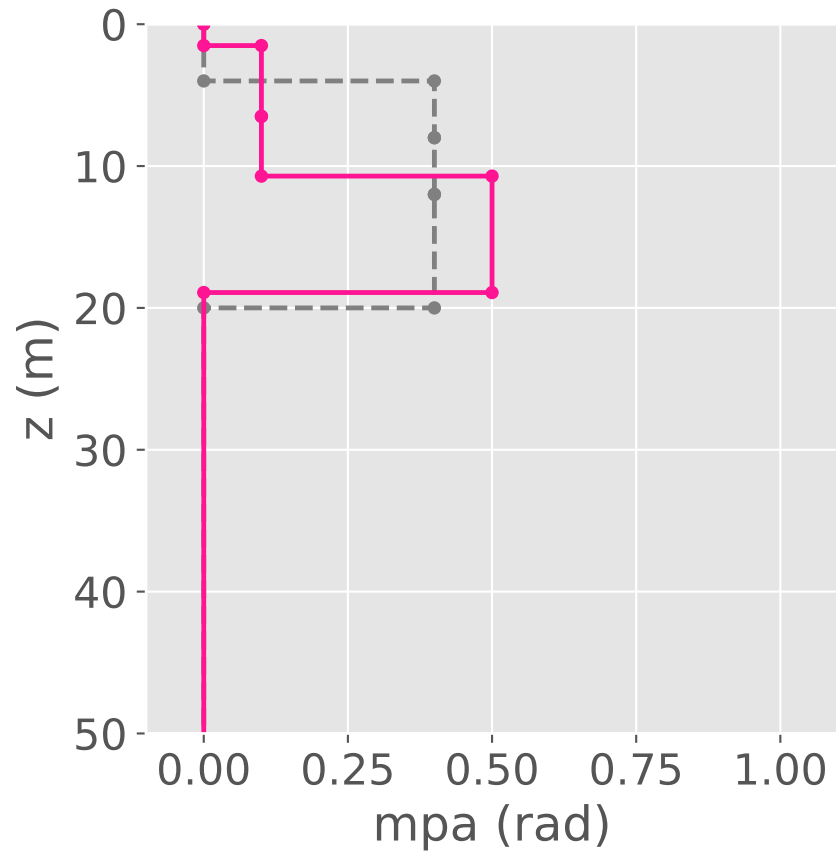
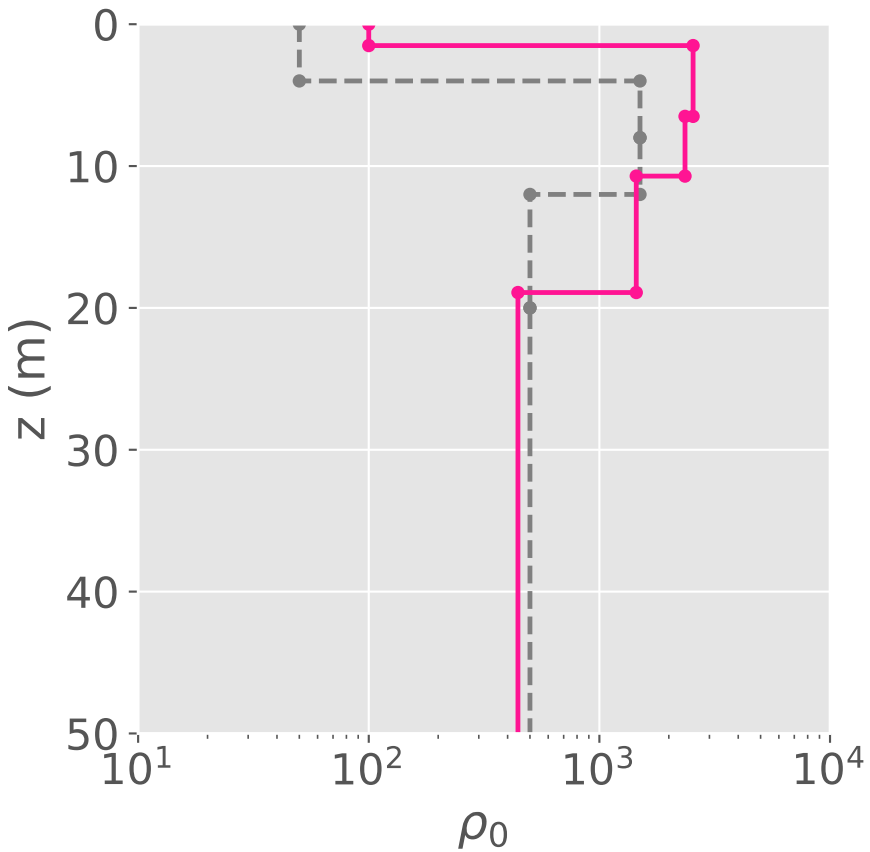


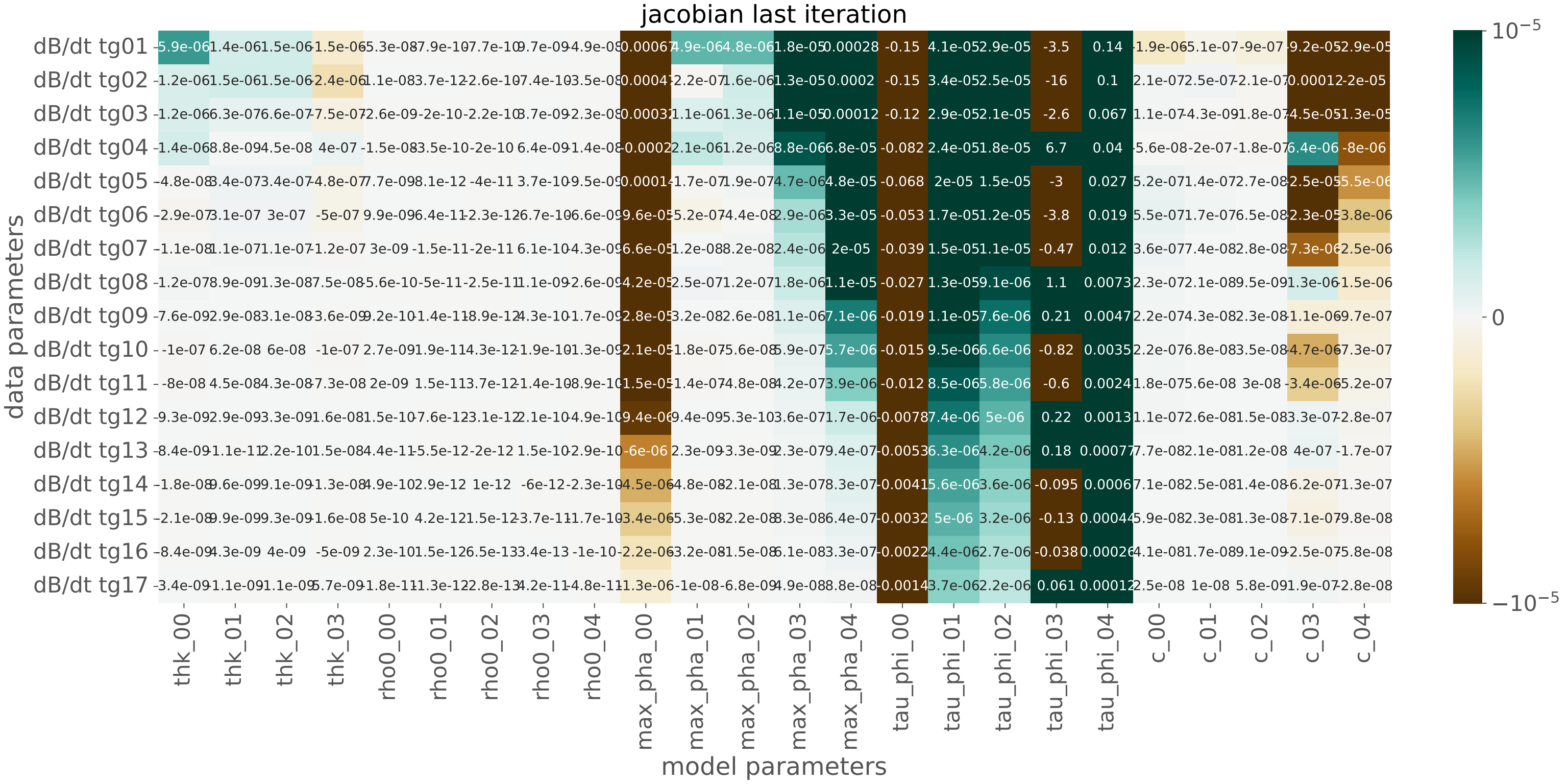
inv-run: 005, sndID: B042
chi2 = 28.17, rrms = 106.96%



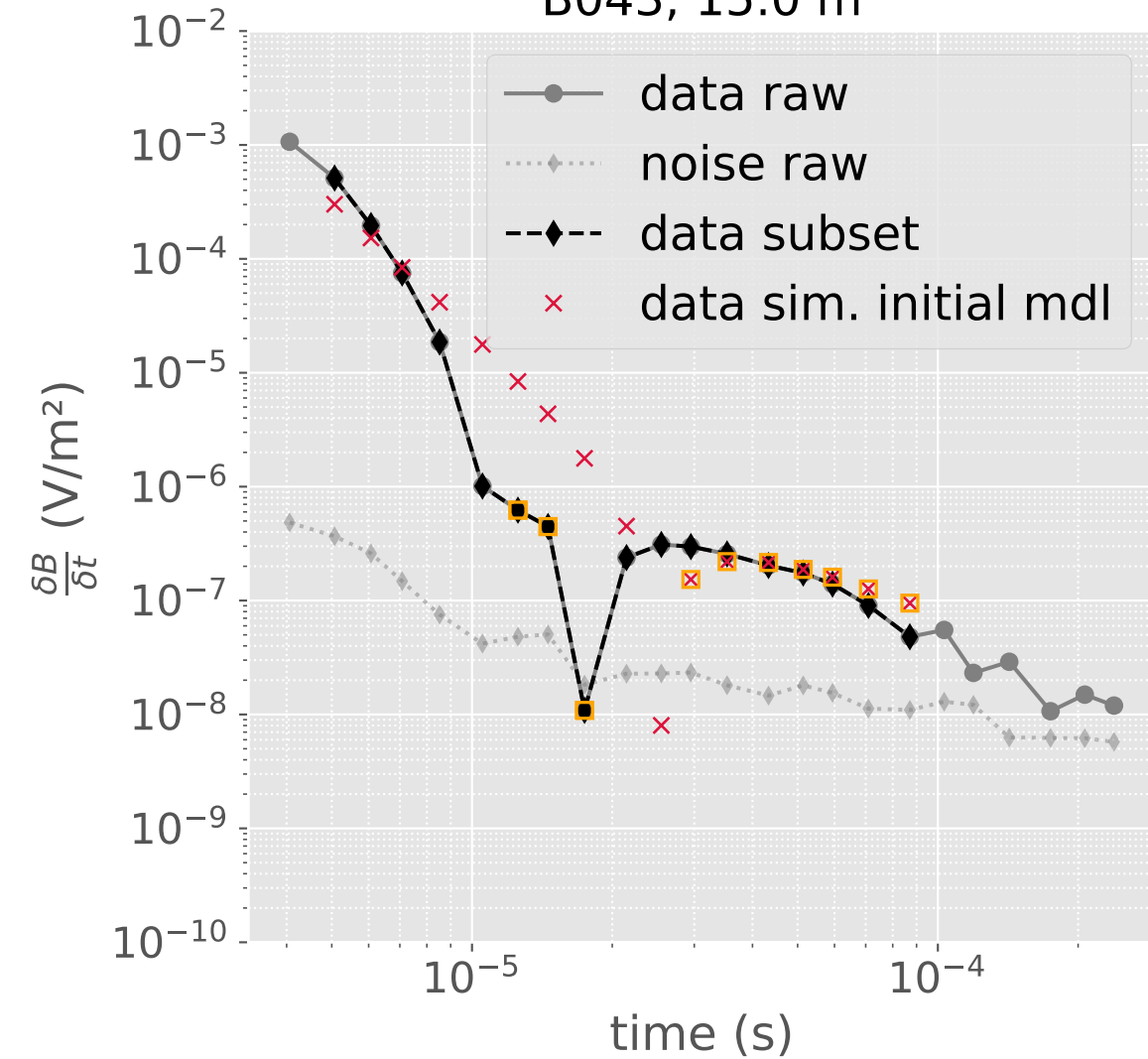
init. lam 500.0 cooling: 0.8, iters 12
fin. lam 27.5, noise floor = 20.0%



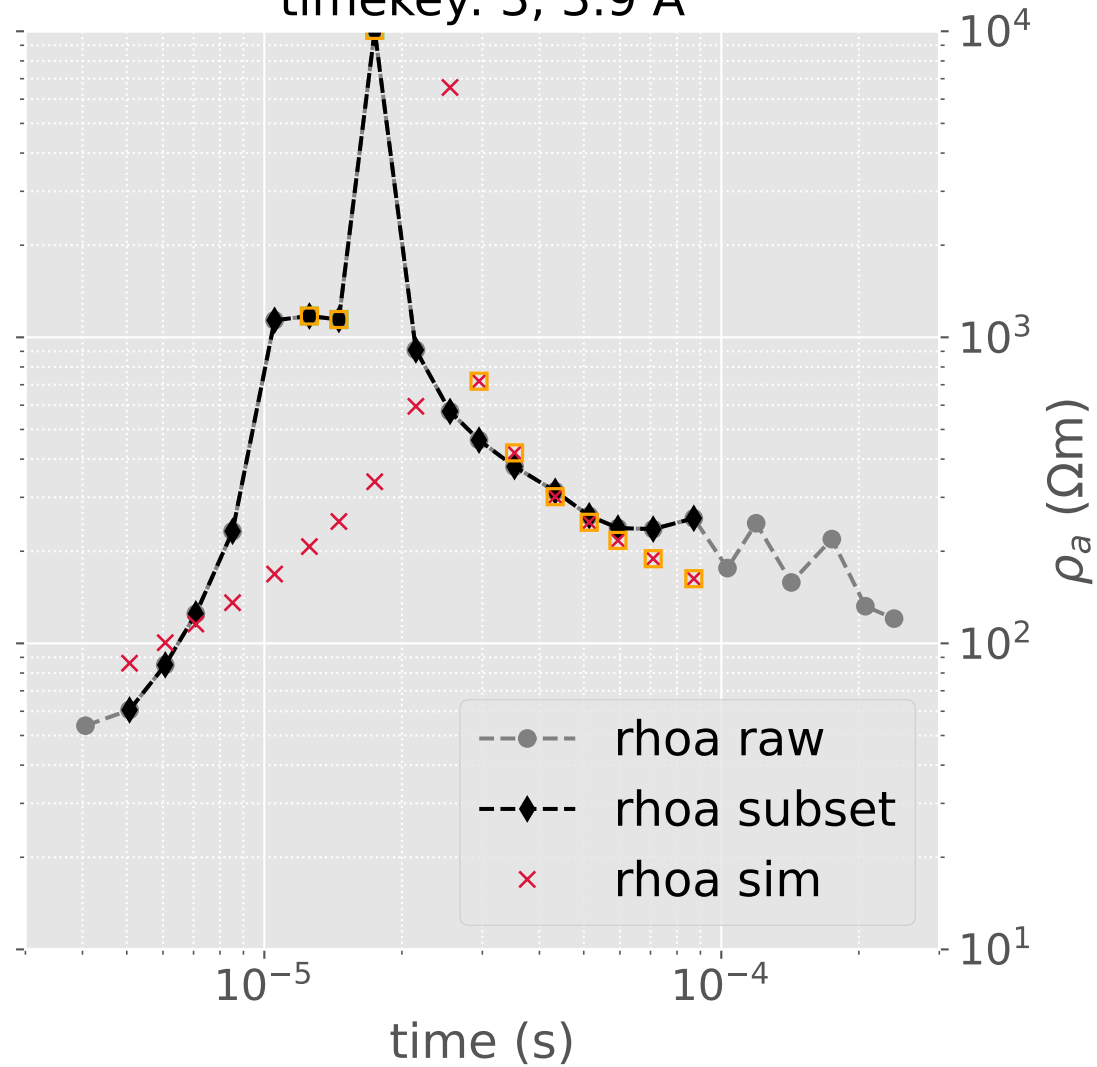




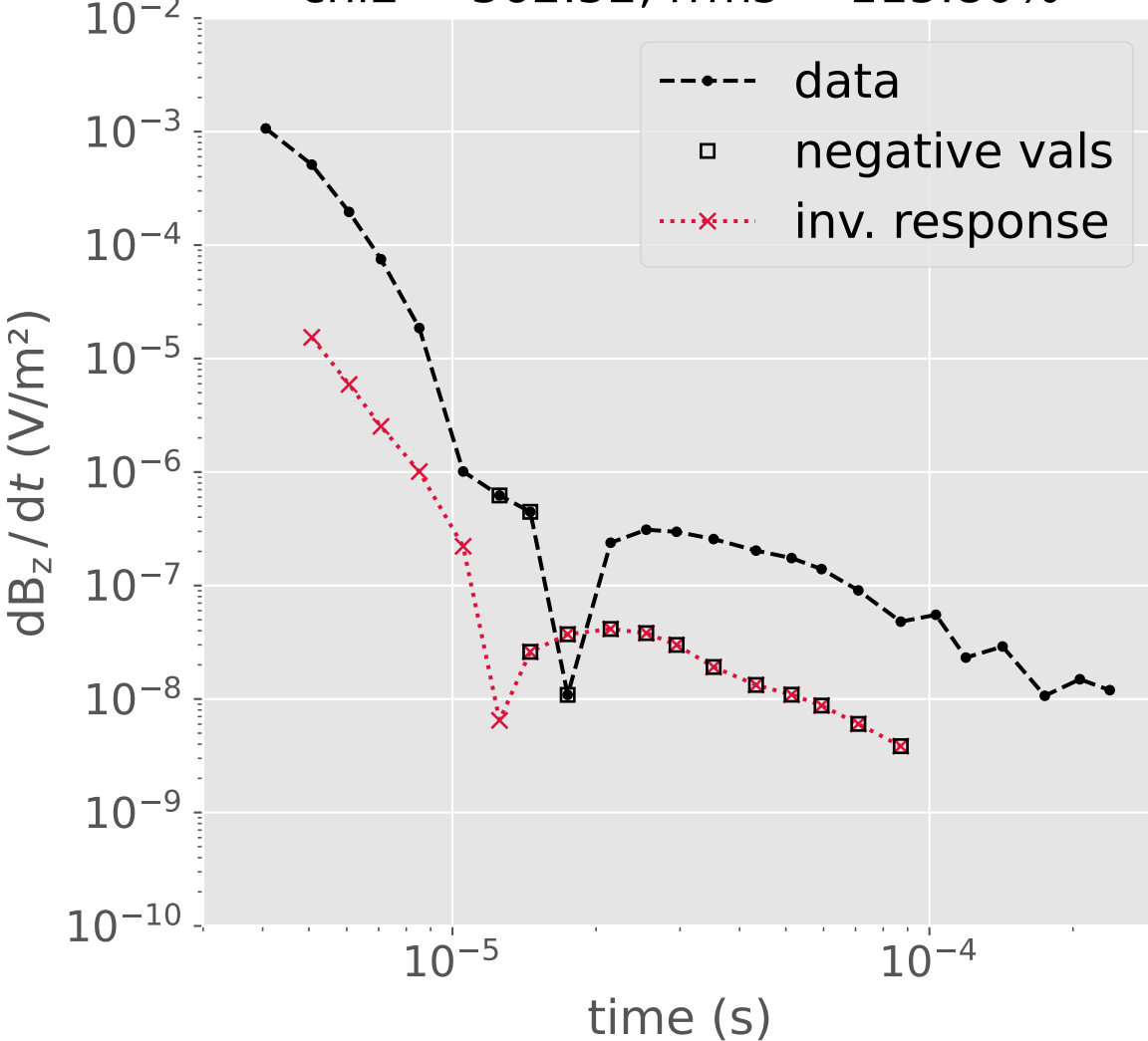
B043, 15.0 m



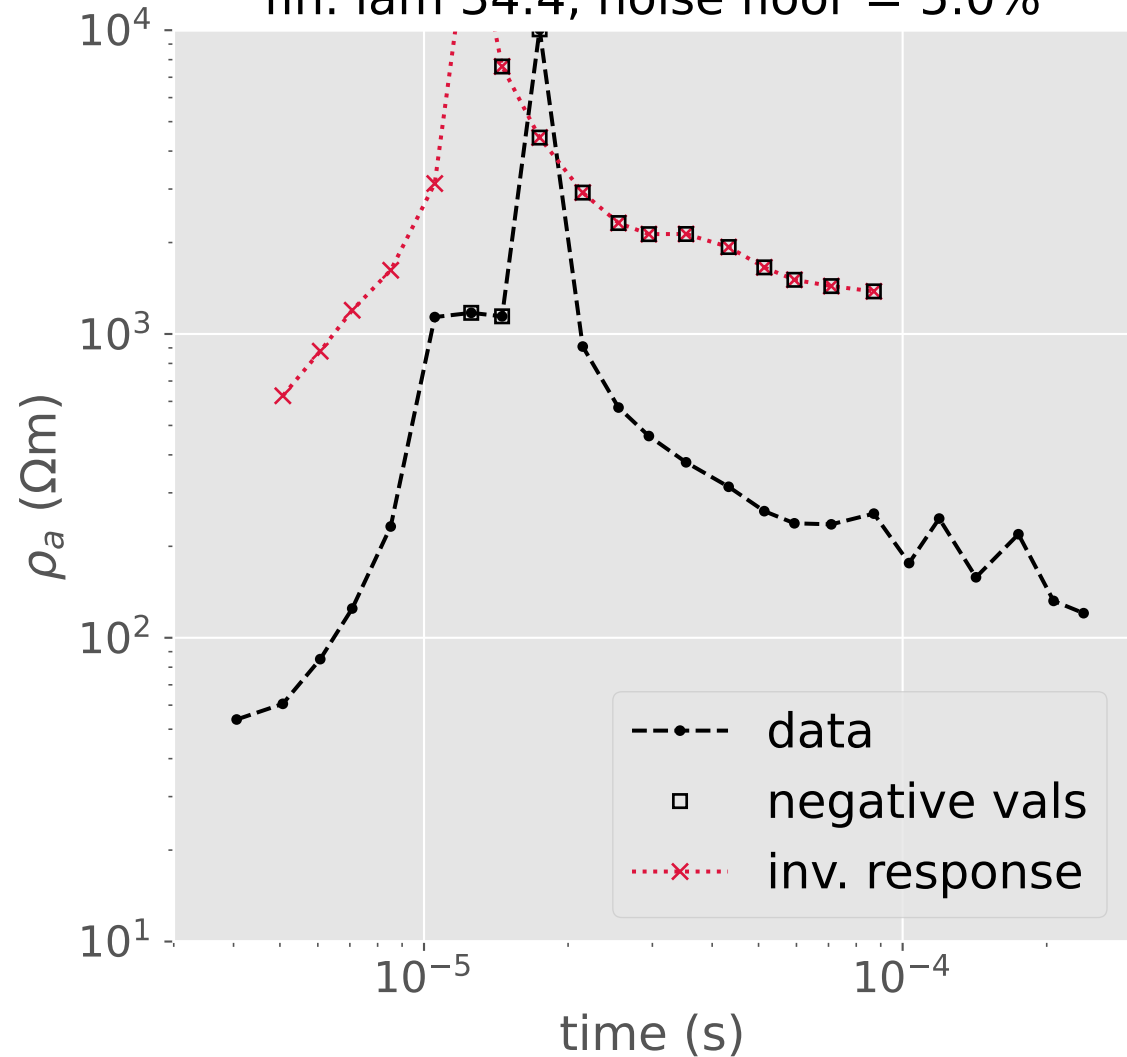
timekey: 3, 3.9 A

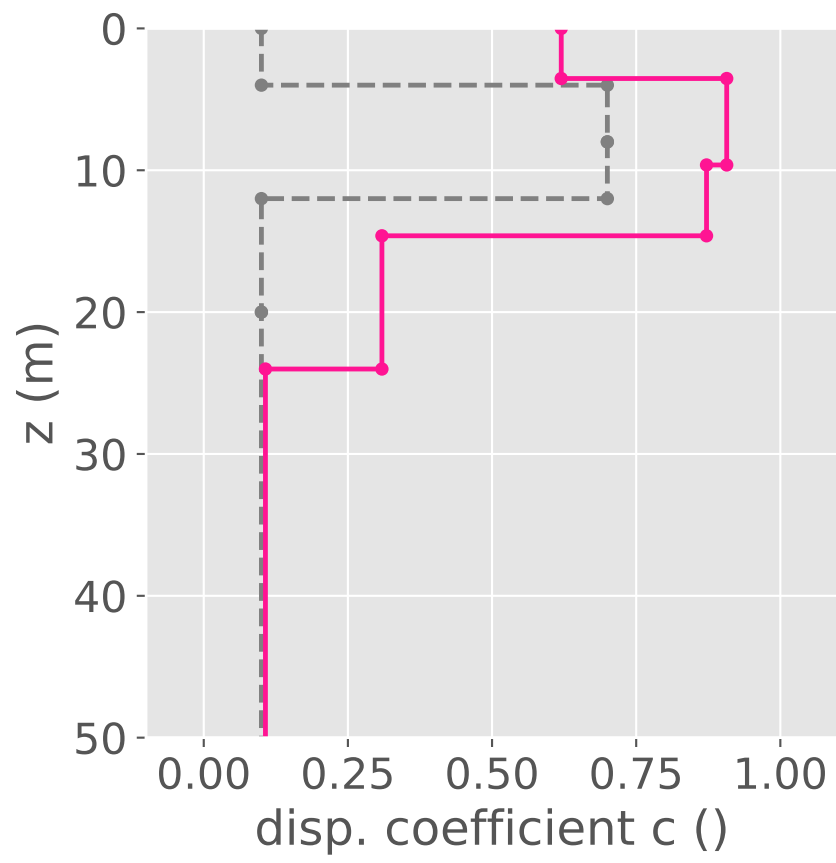
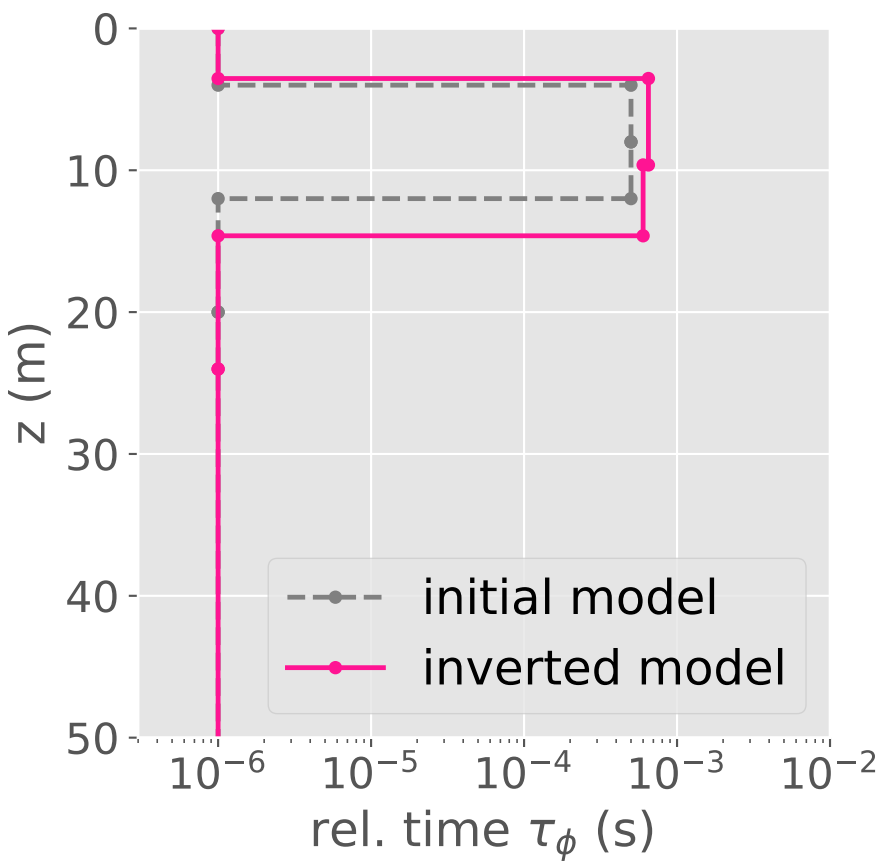
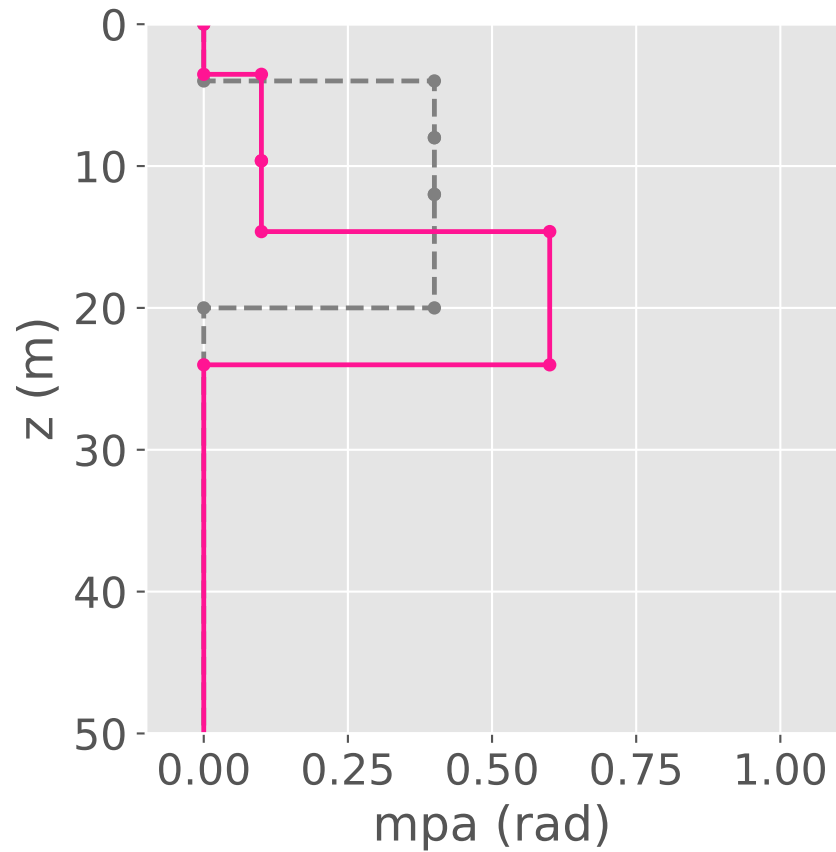
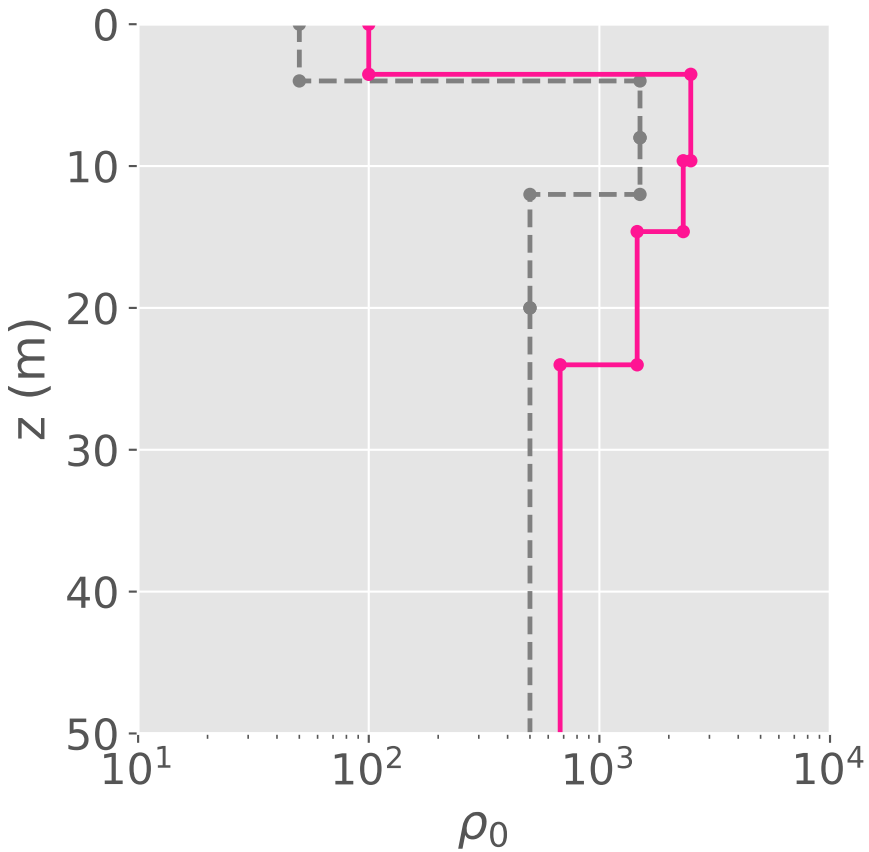


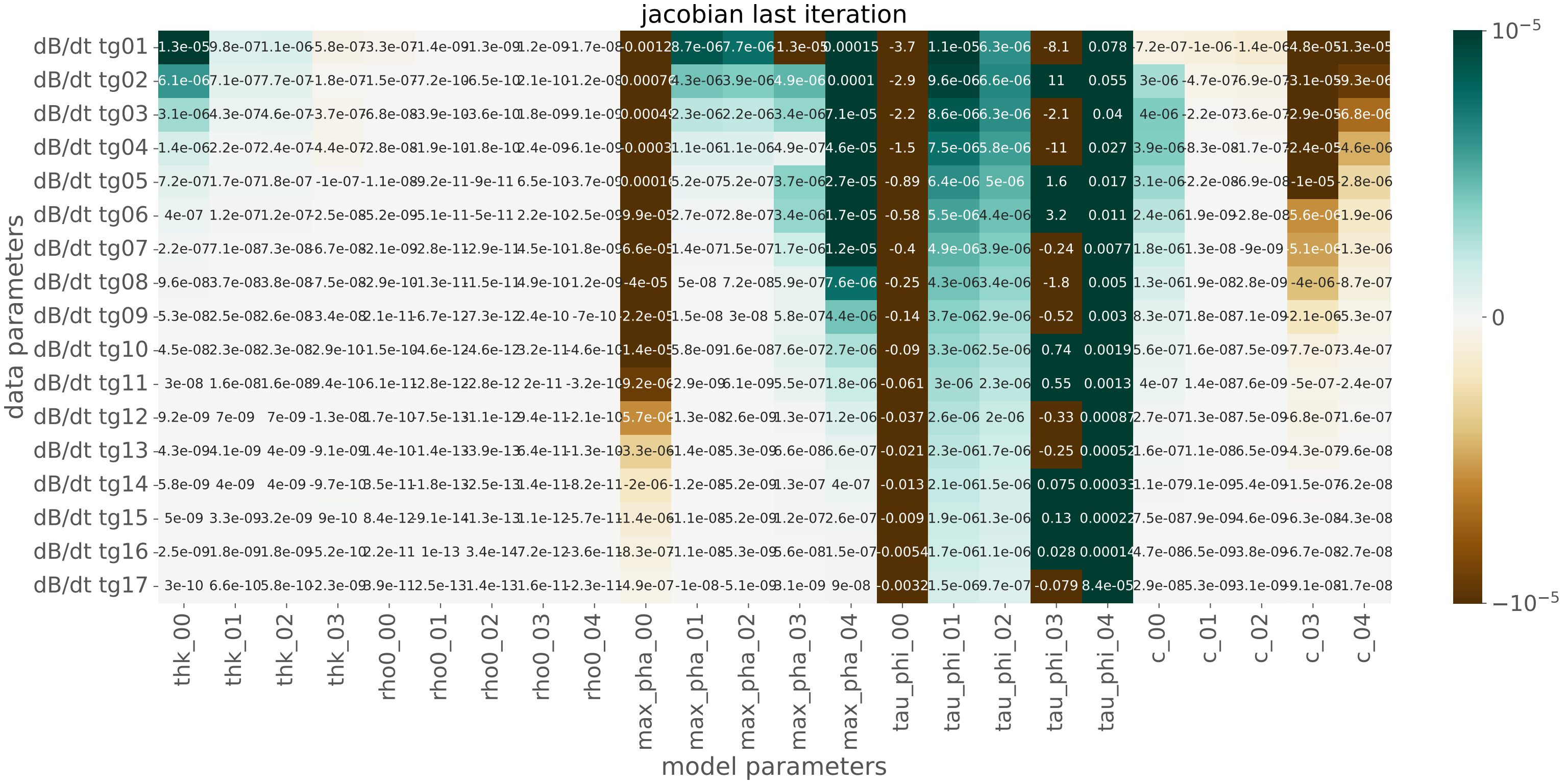
inv-run: 000, sndID: B043
chi2 = 362.52, rrms = 115.80%



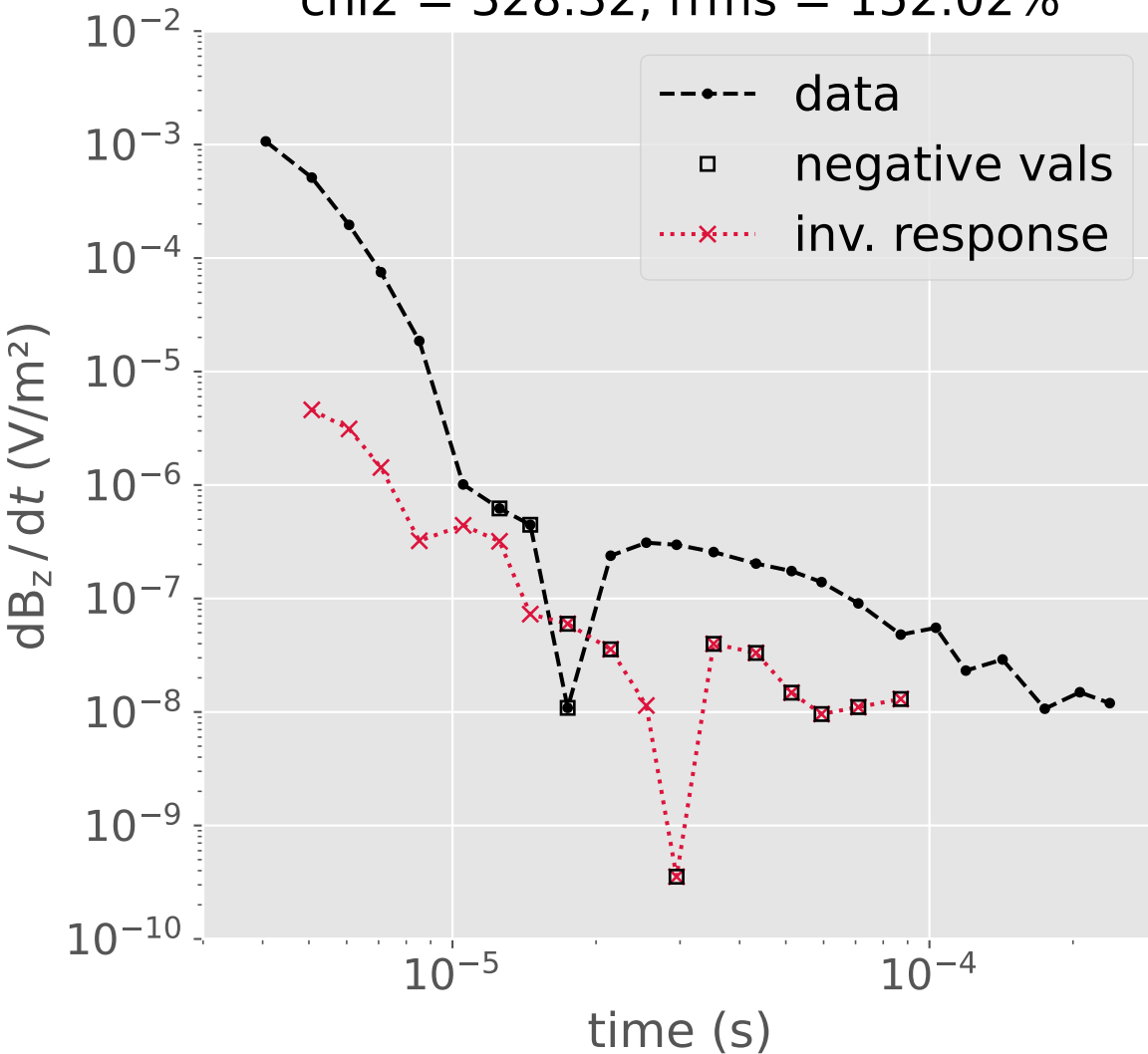
init. lam 500.0 cooling: 0.8, iters 11
fin. lam 34.4, noise floor = 5.0%



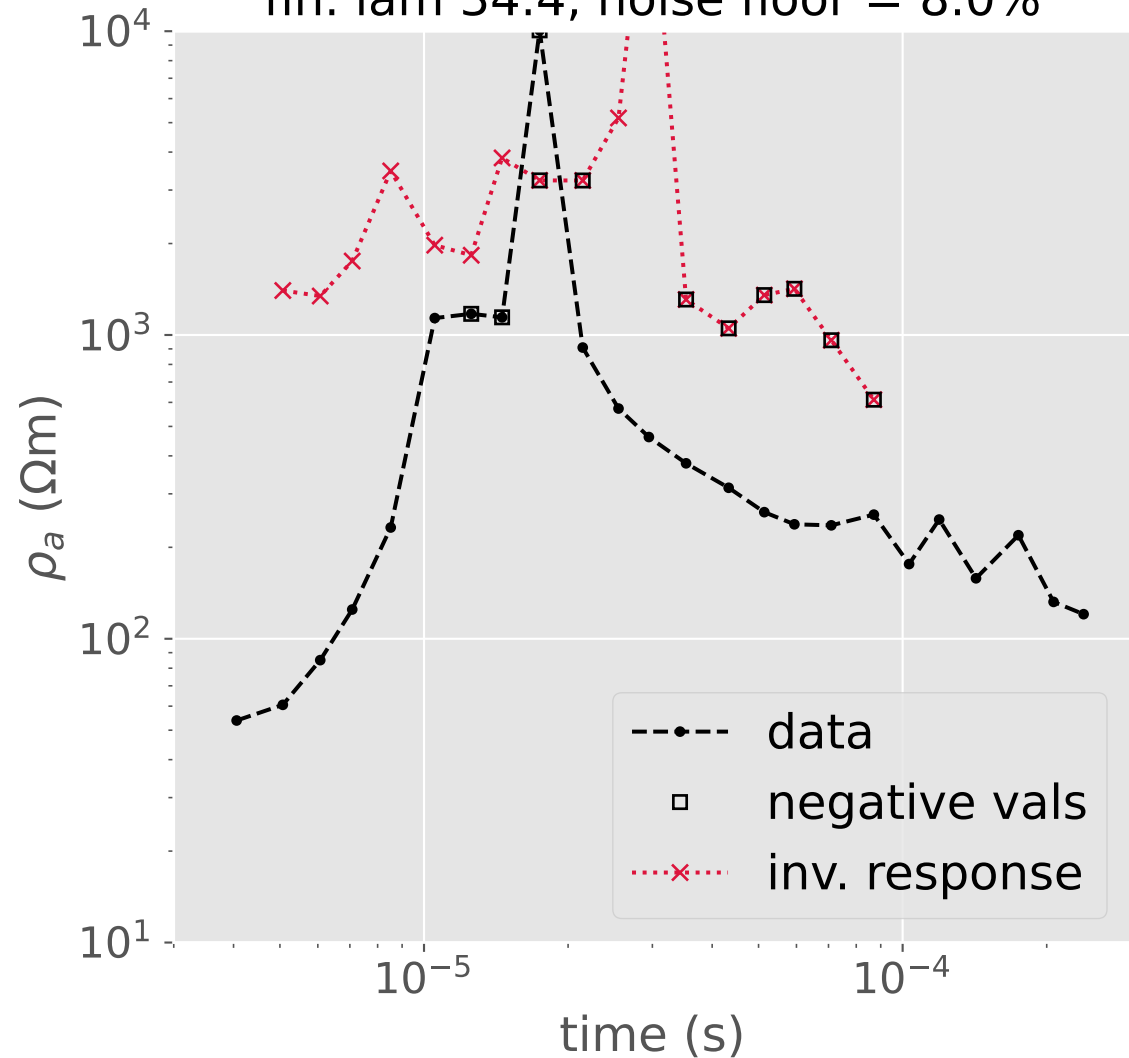


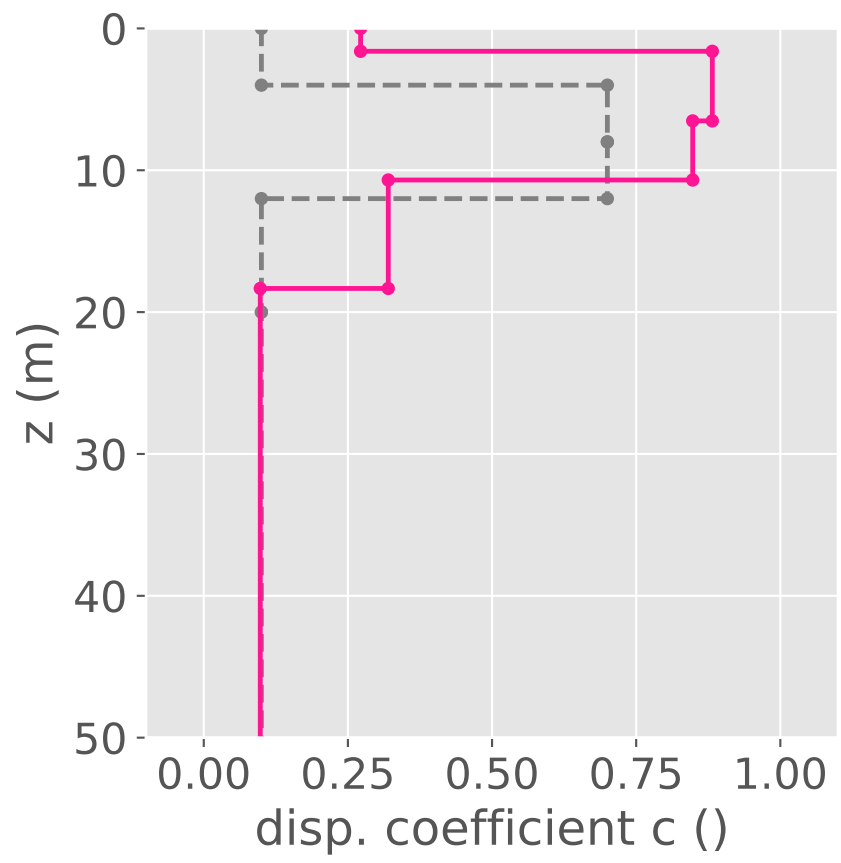
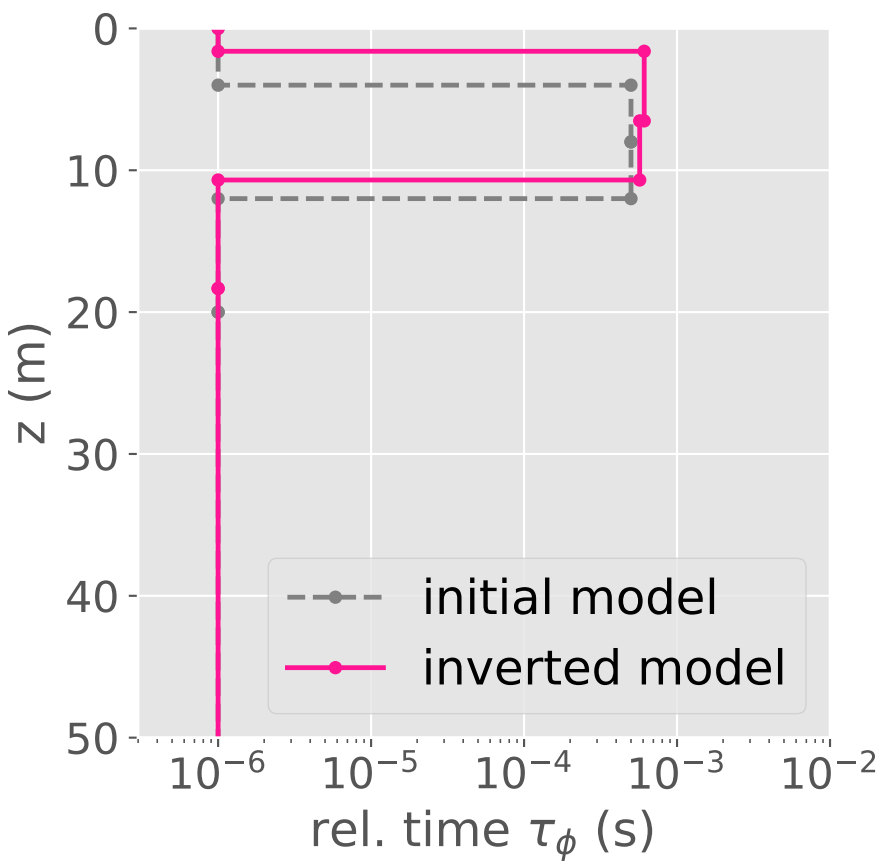
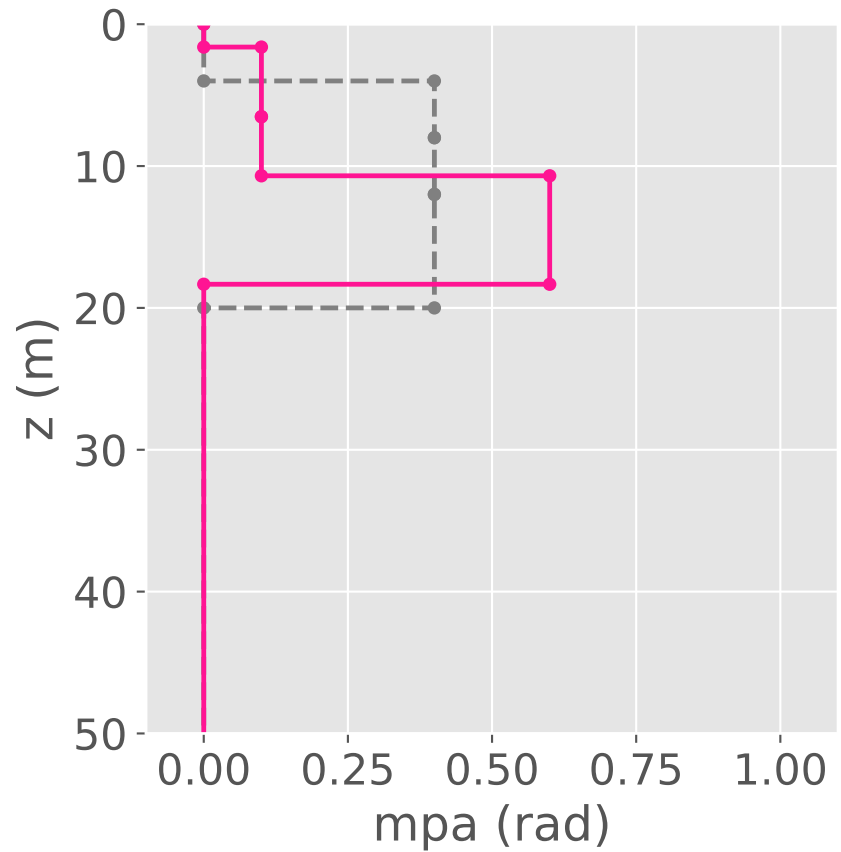
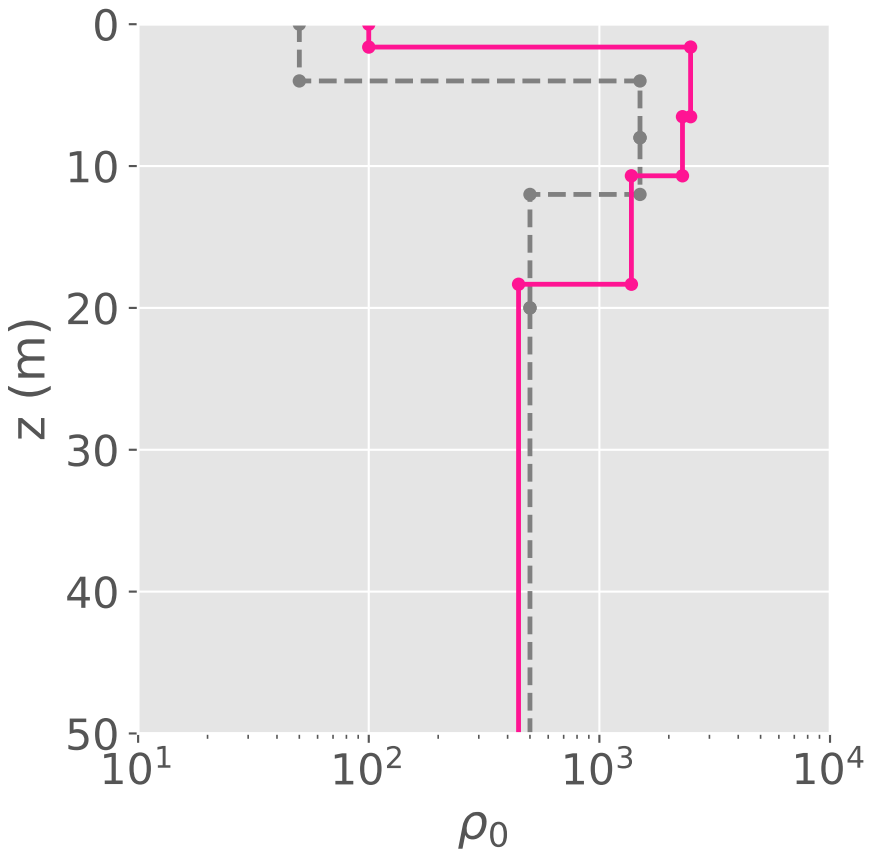


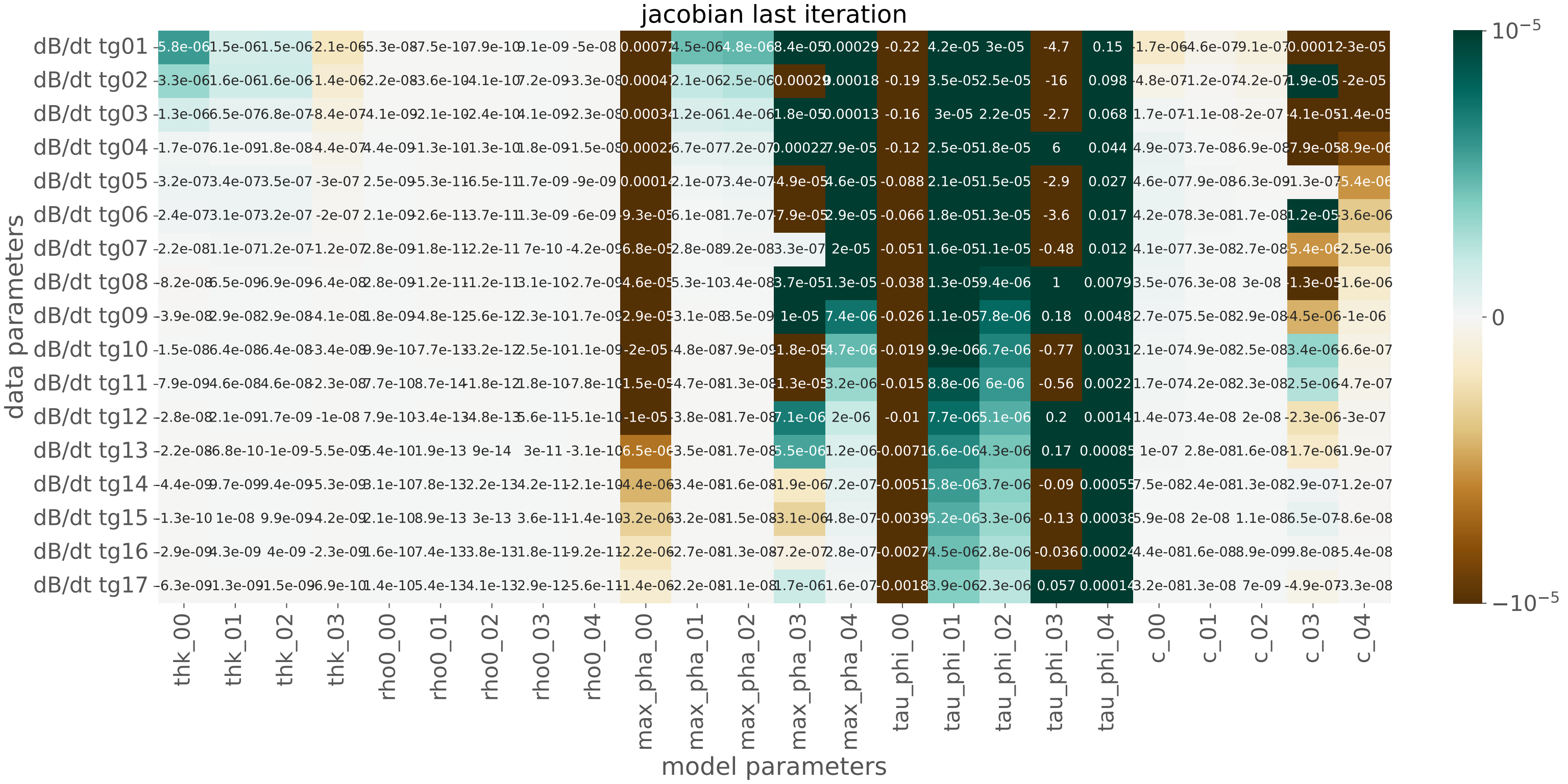
inv-run: 001, sndID: B043
chi2 = 328.32, rrms = 152.02%



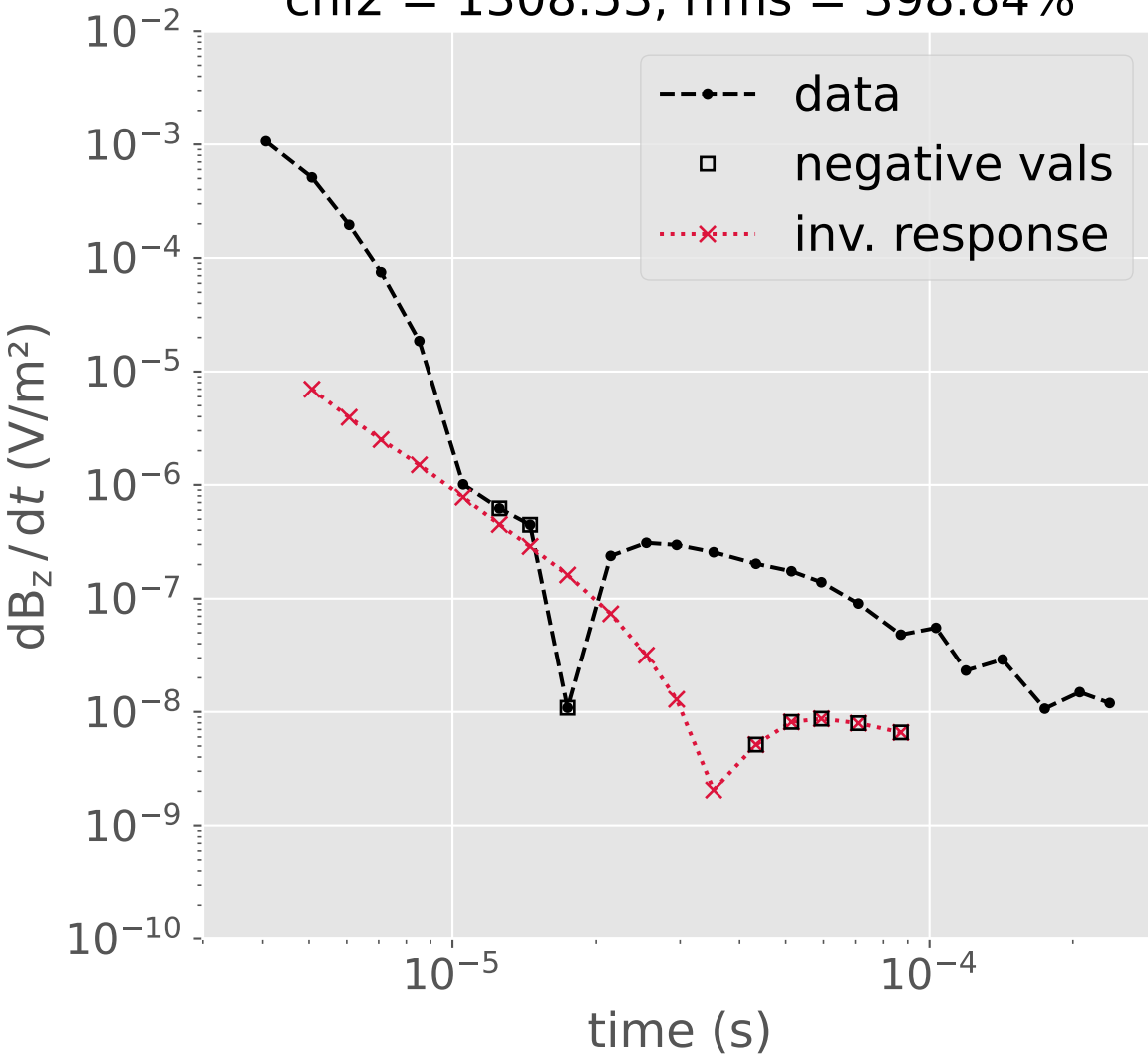
init. lam 500.0 cooling: 0.8, iters 11
fin. lam 34.4, noise floor = 8.0%



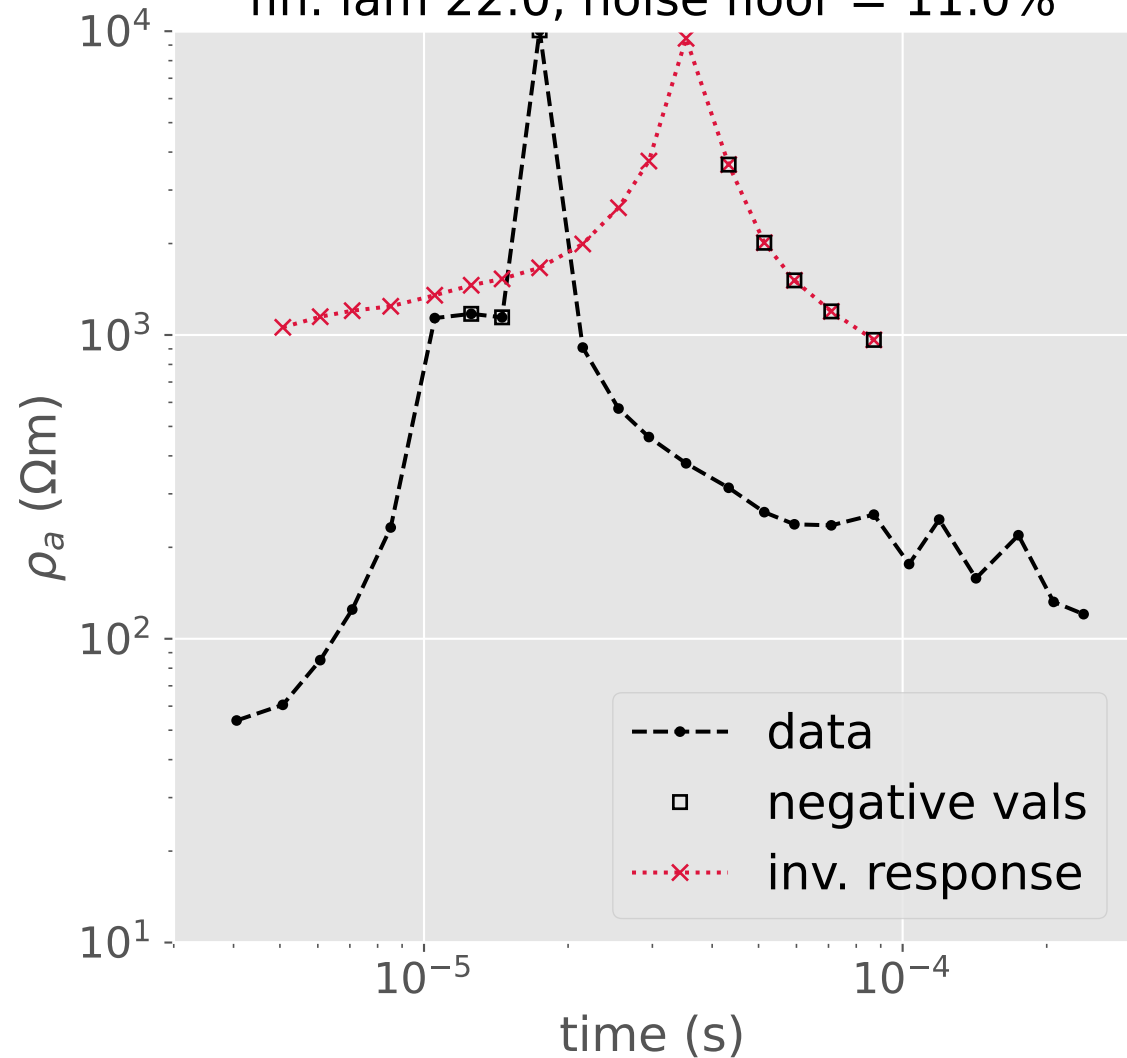


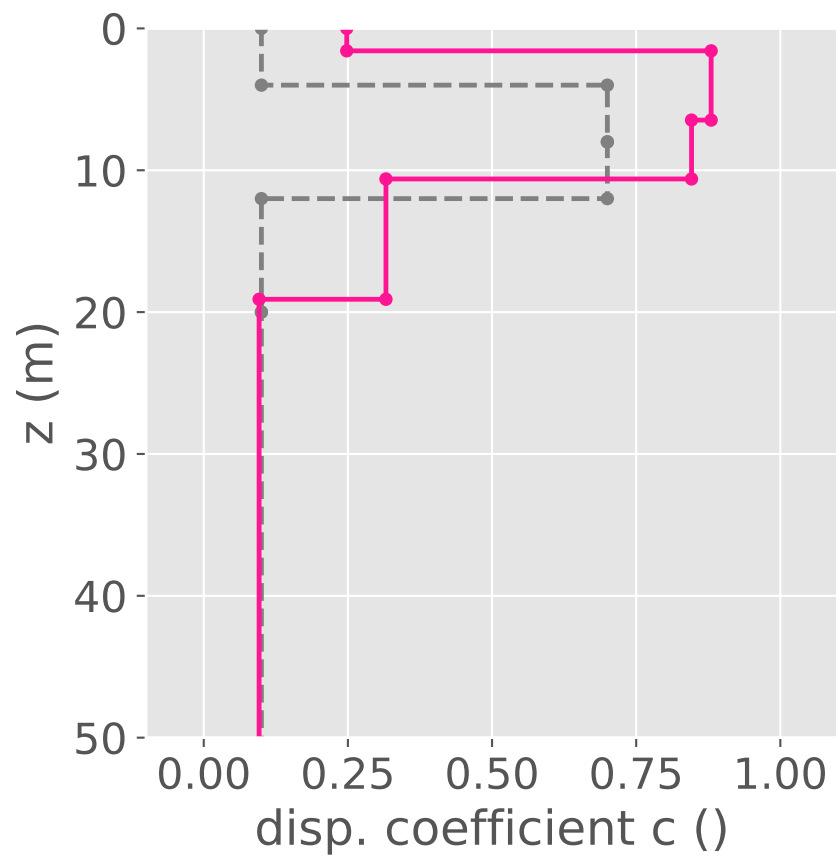
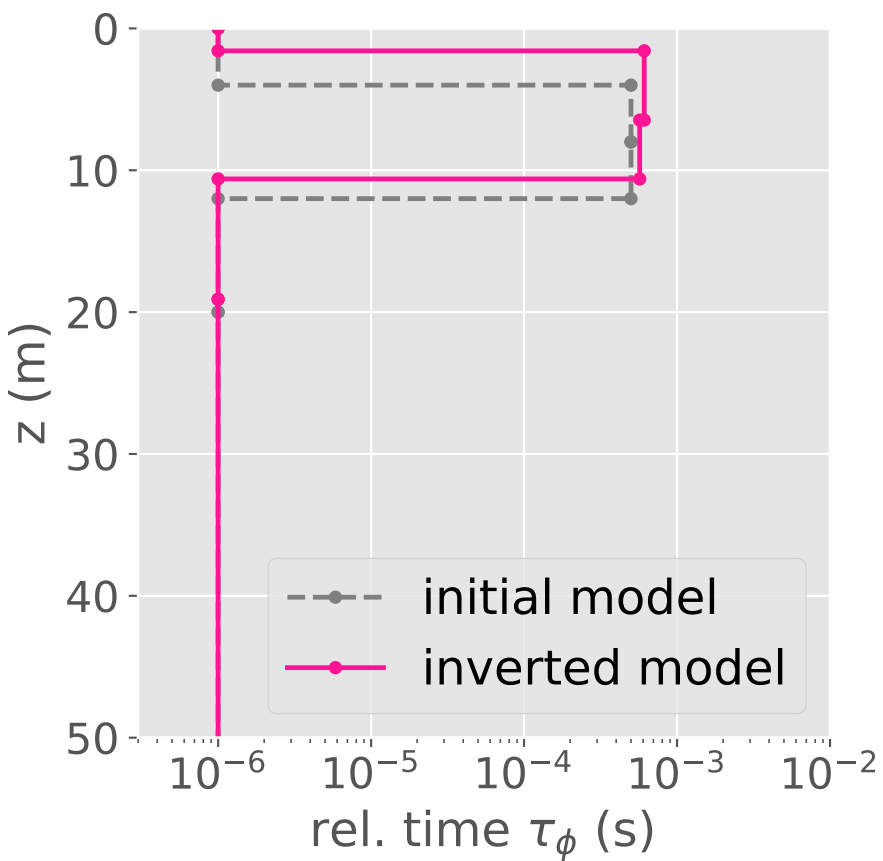
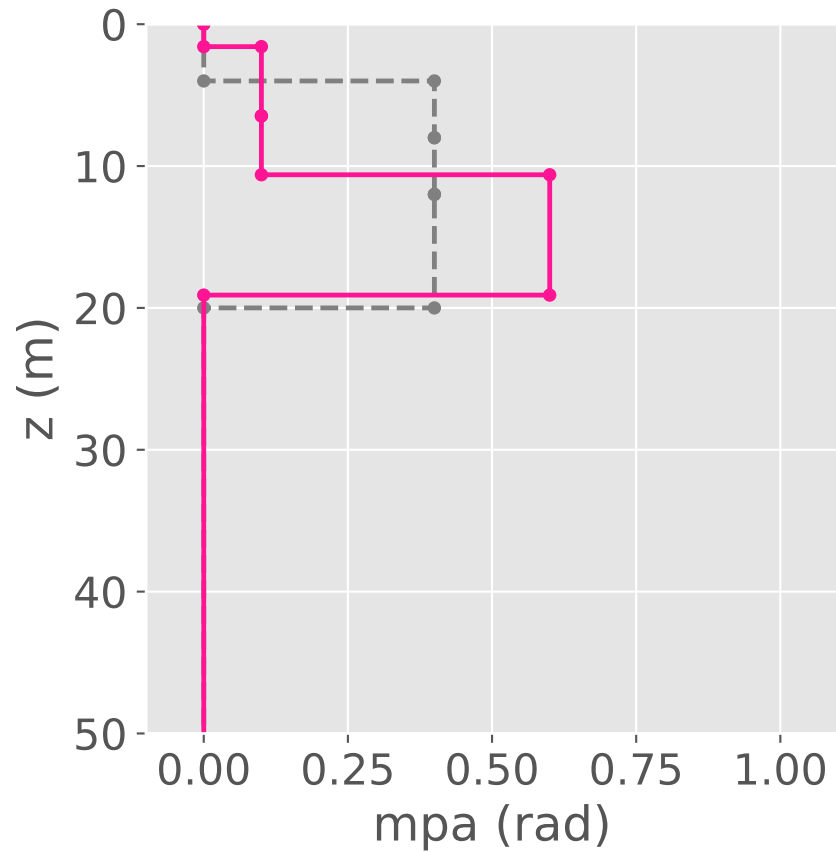
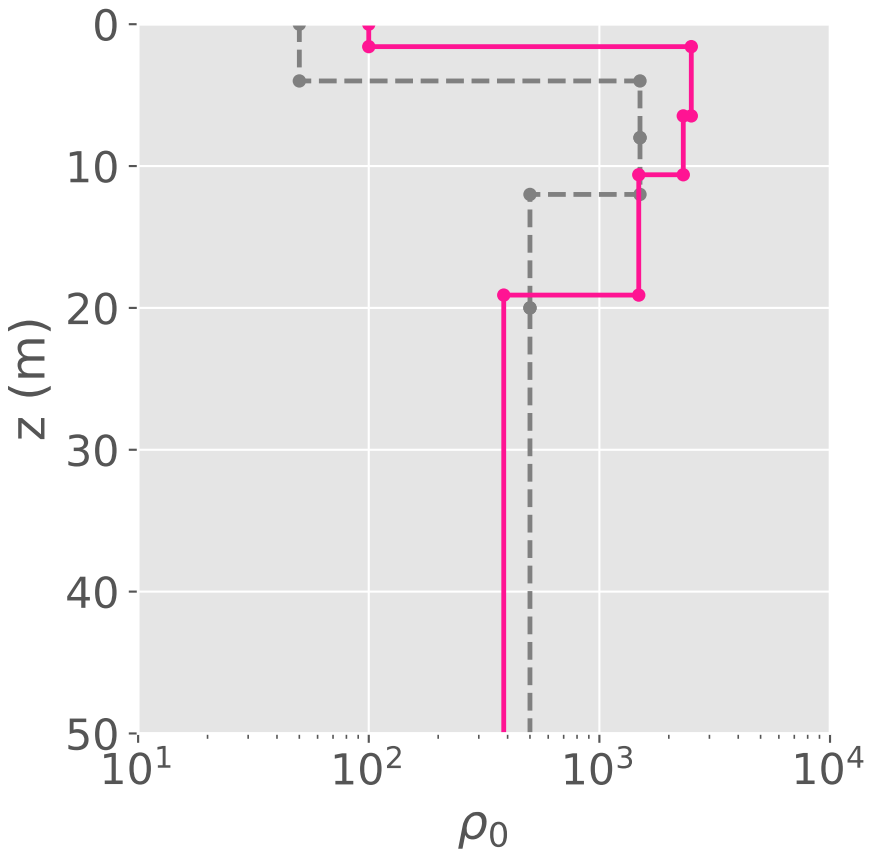


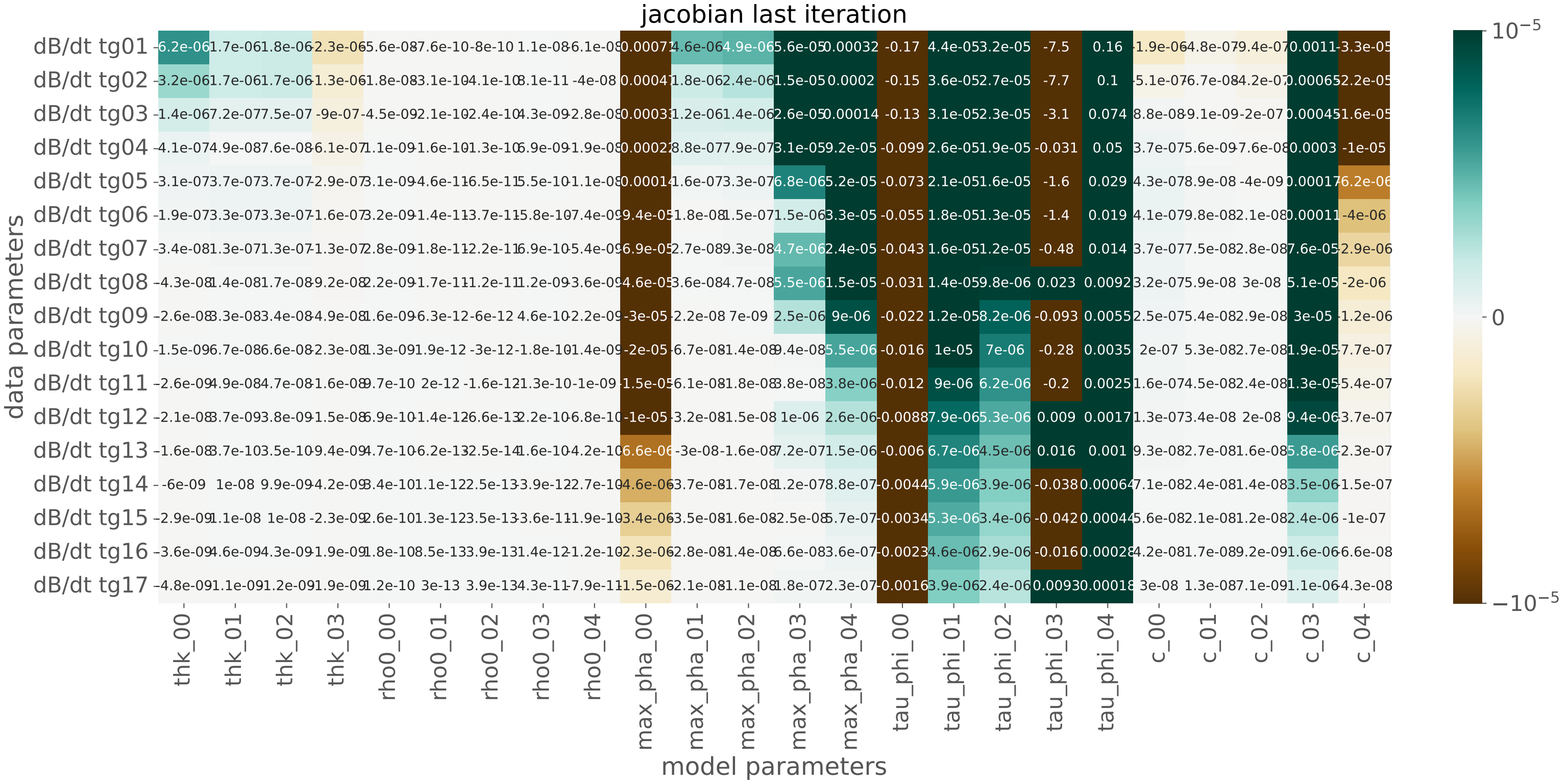
inv-run: 002, sndID: B043
chi2 = 1308.53, rrms = 398.84%



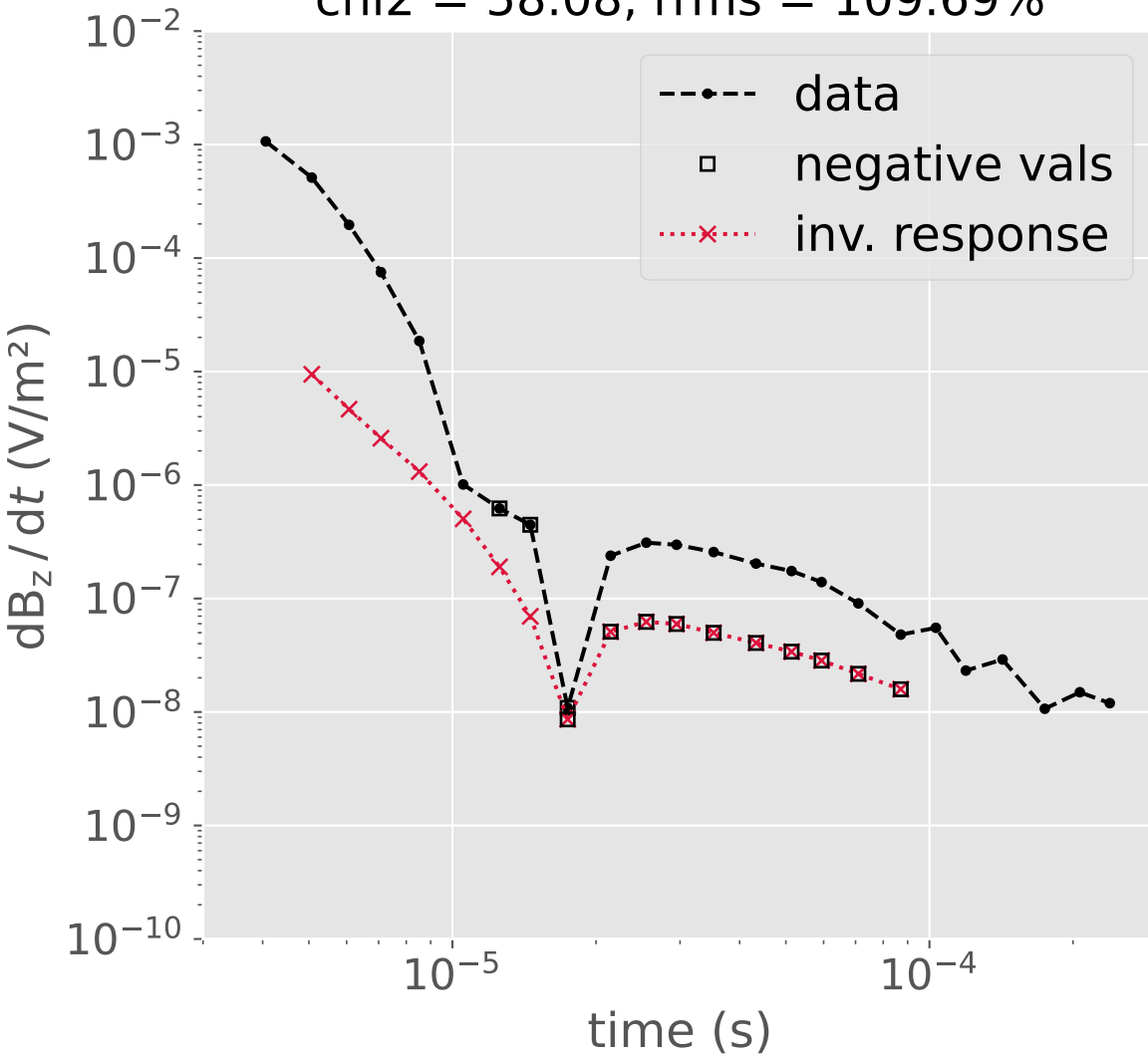
init. lam 500.0 cooling: 0.8, iters 13
fin. lam 22.0, noise floor = 11.0%



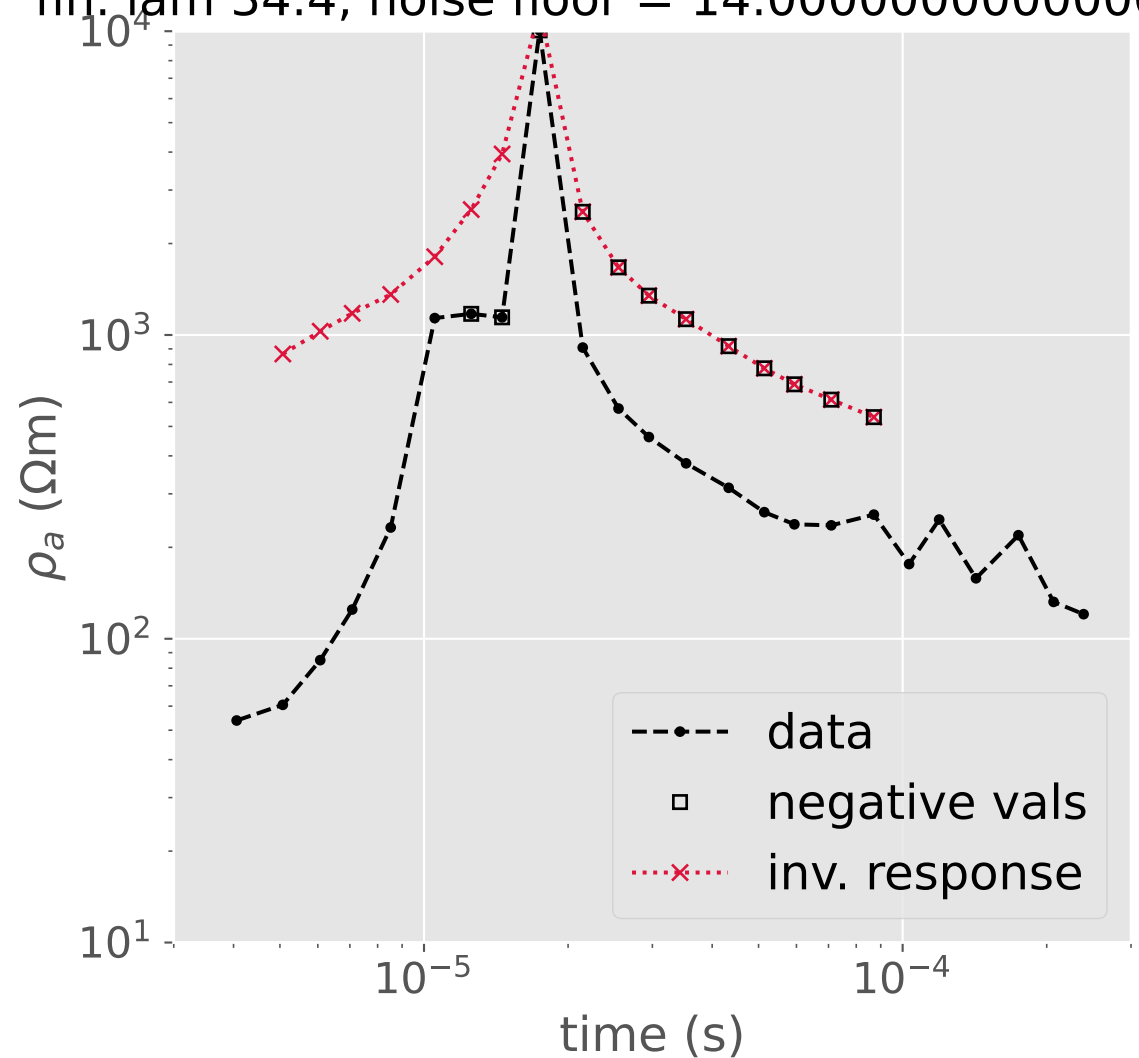


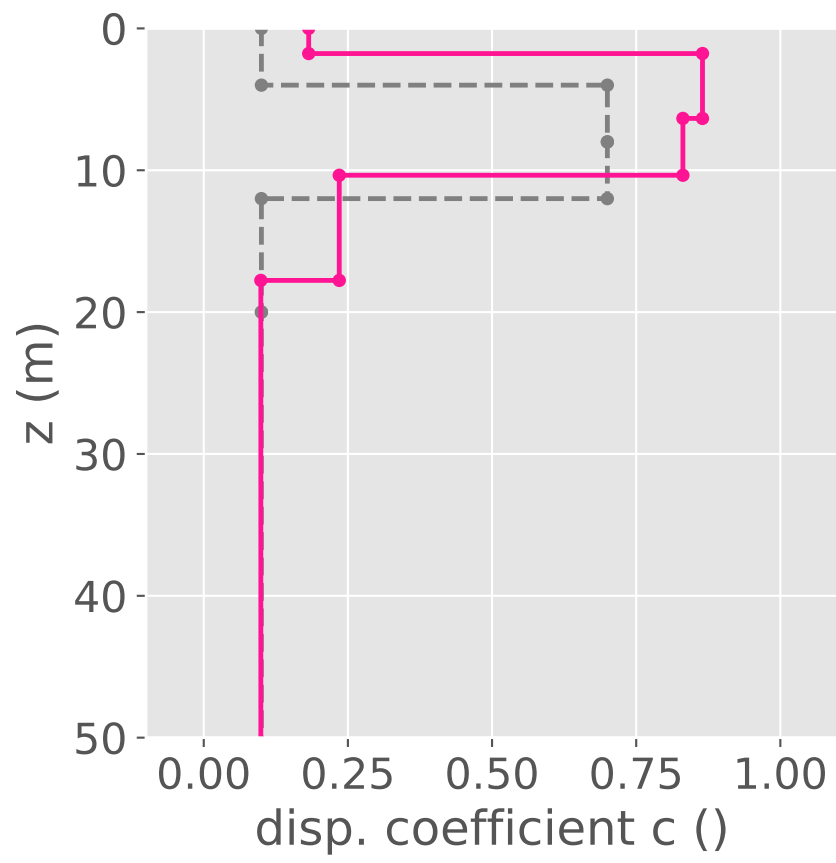
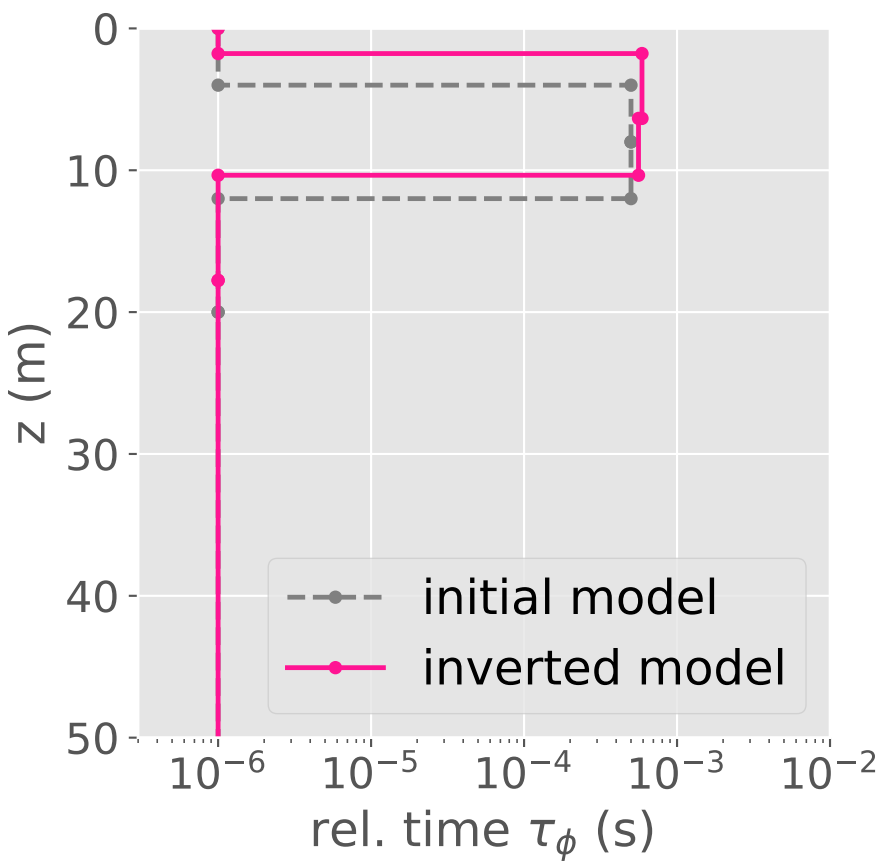
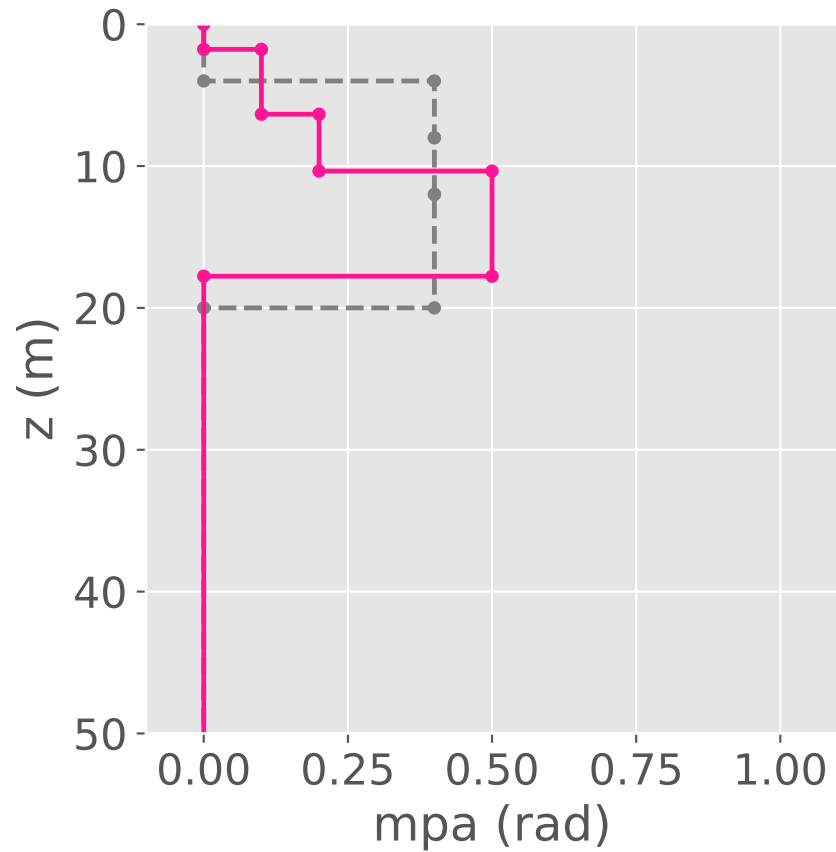
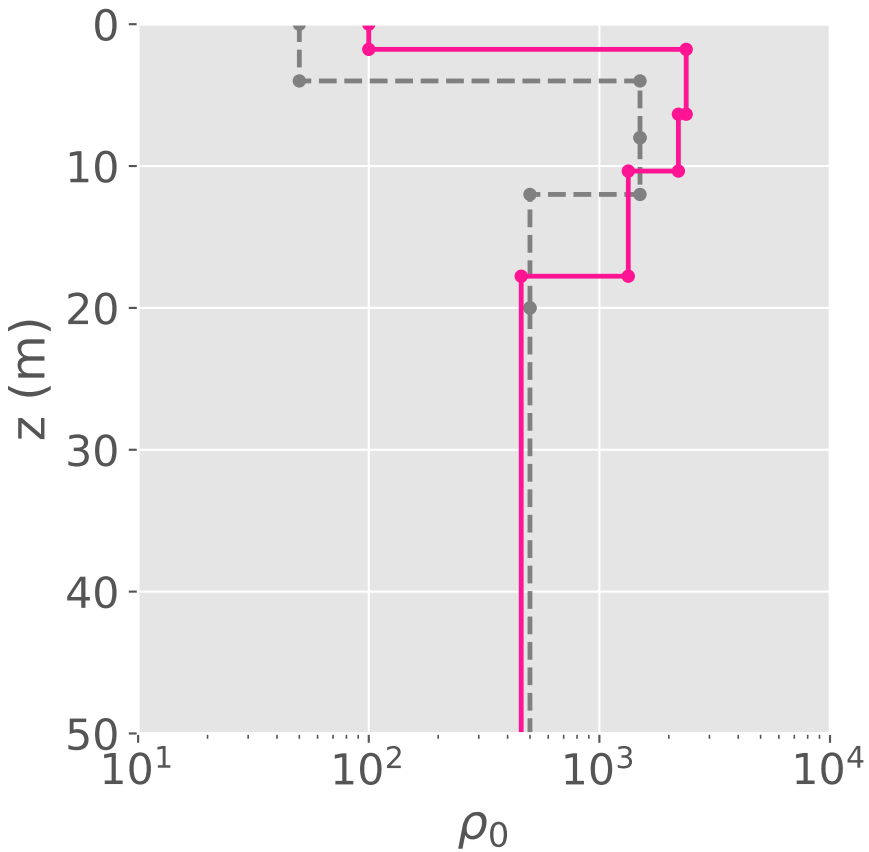


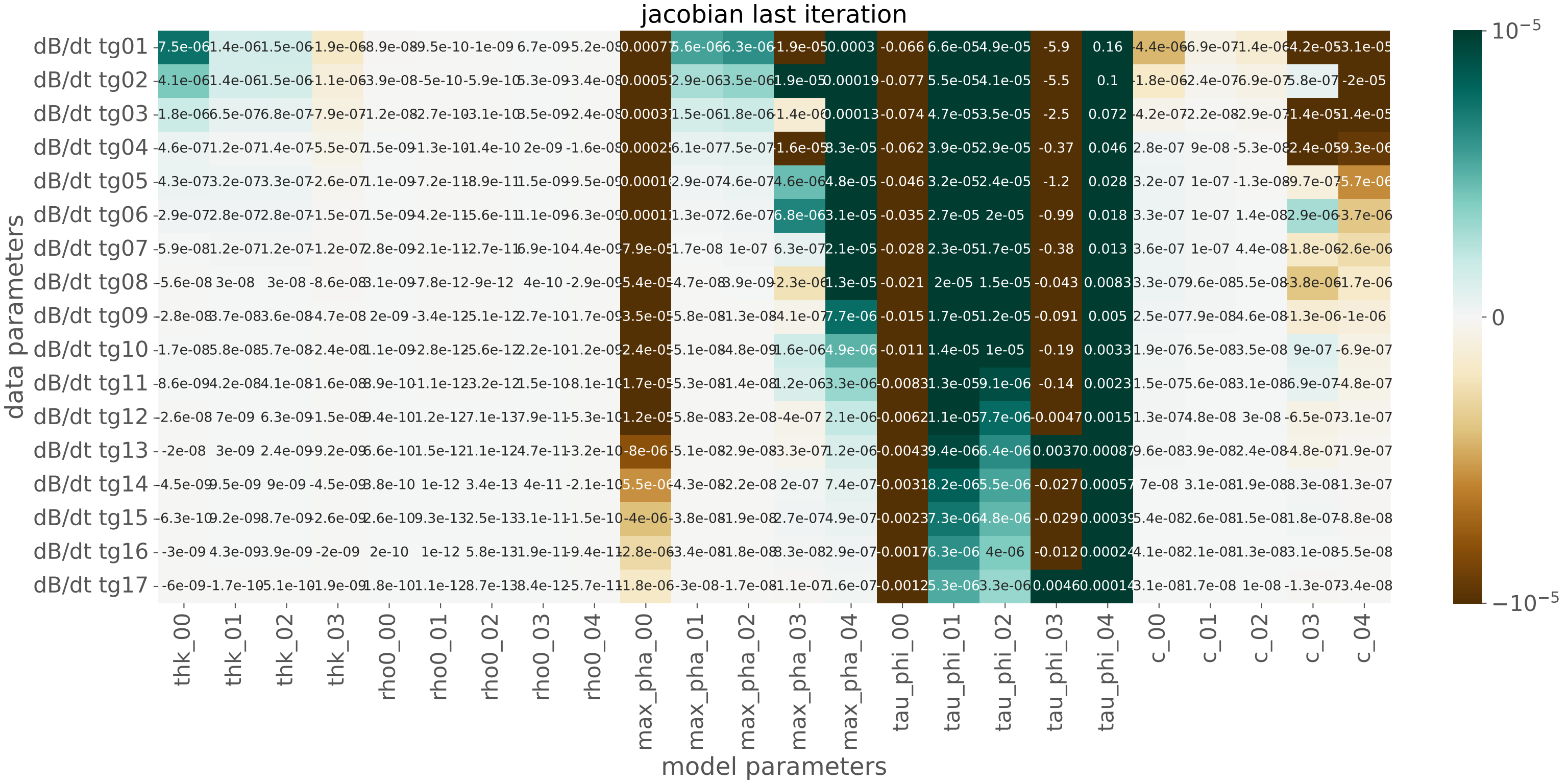
inv-run: 003, sndID: B043
chi2 = 58.08, rrms = 109.69%



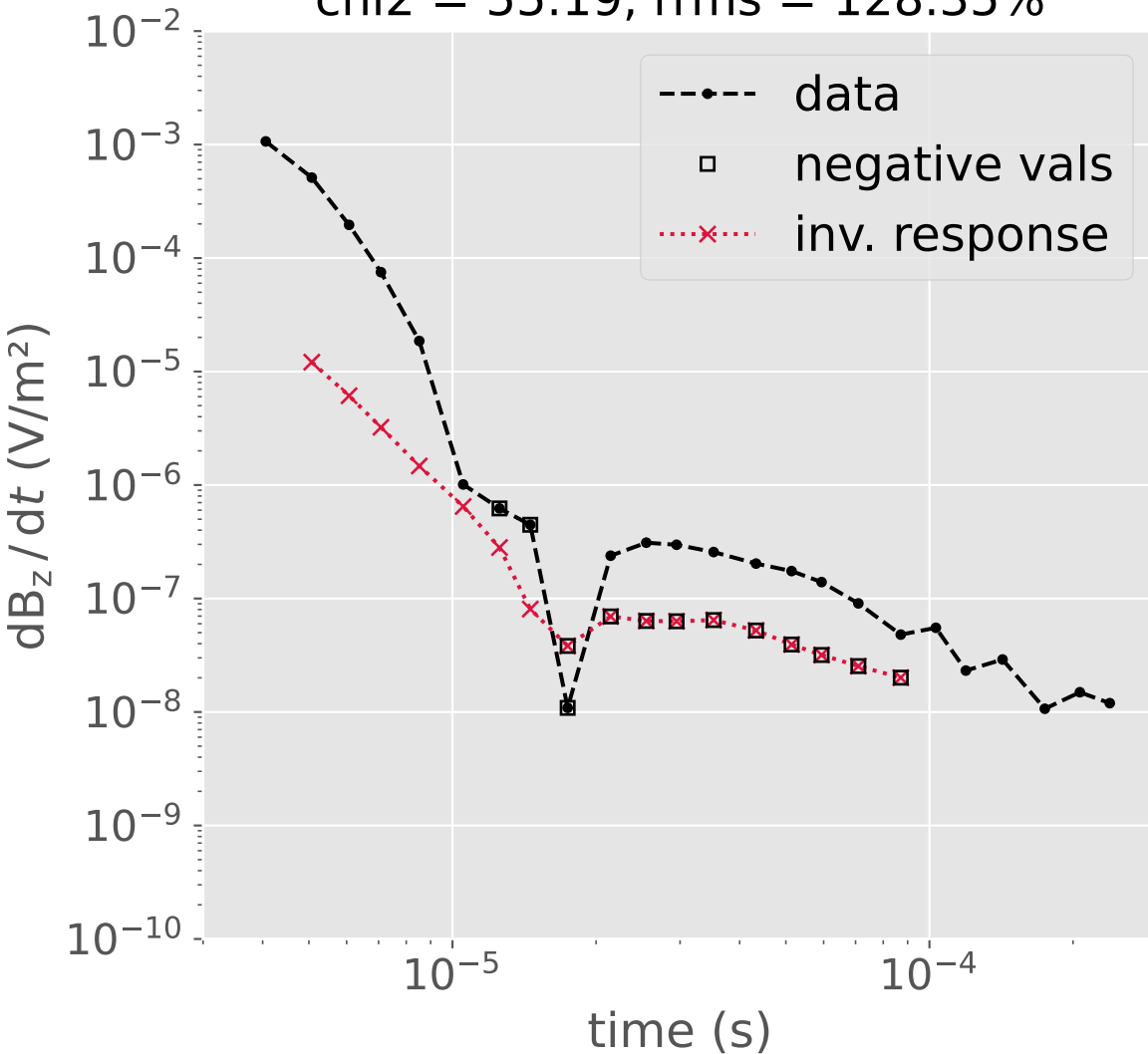
init. lam 500.0 cooling: 0.8, iters 11
fin. lam 34.4, noise floor = 14.000000000000000



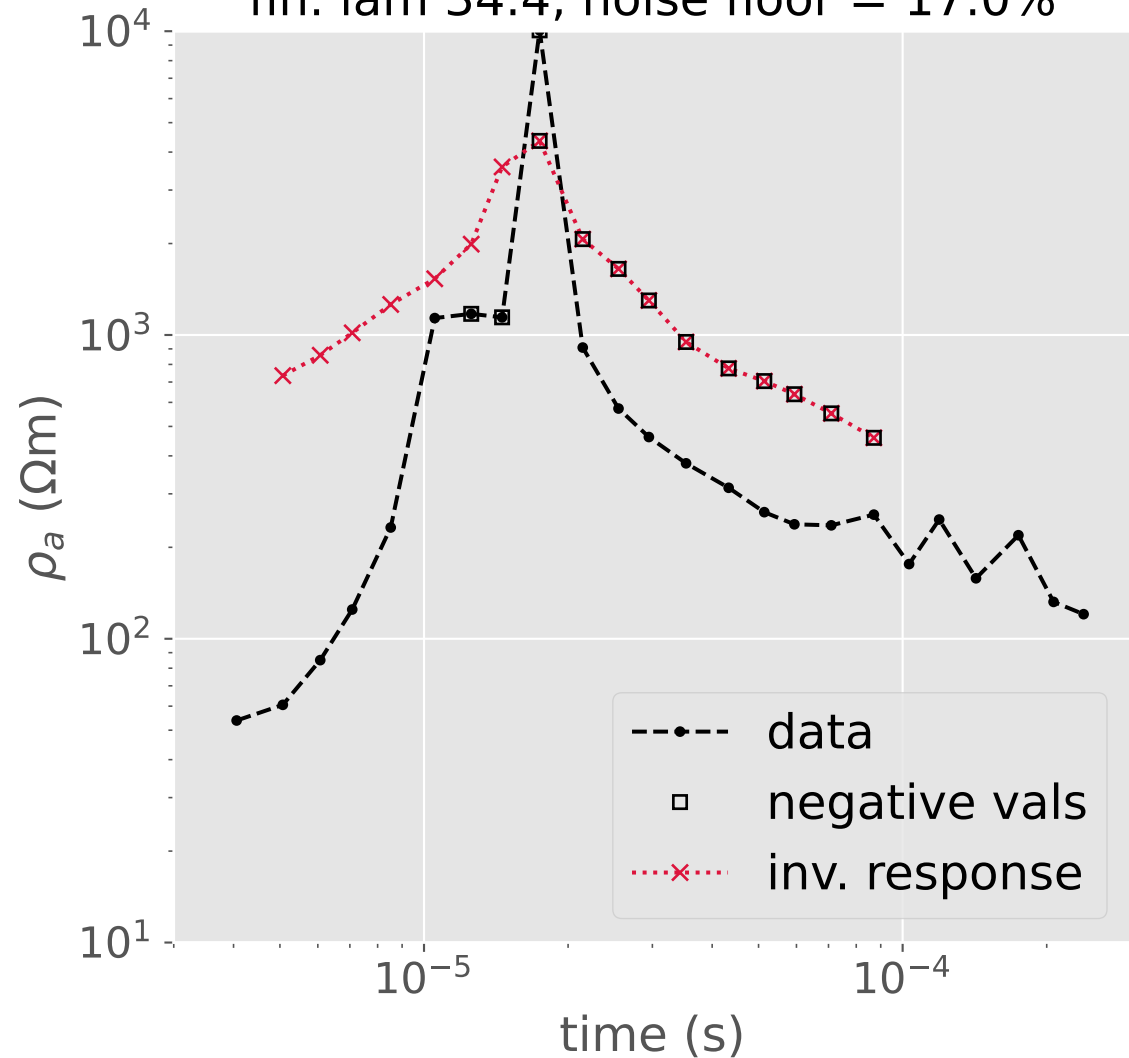


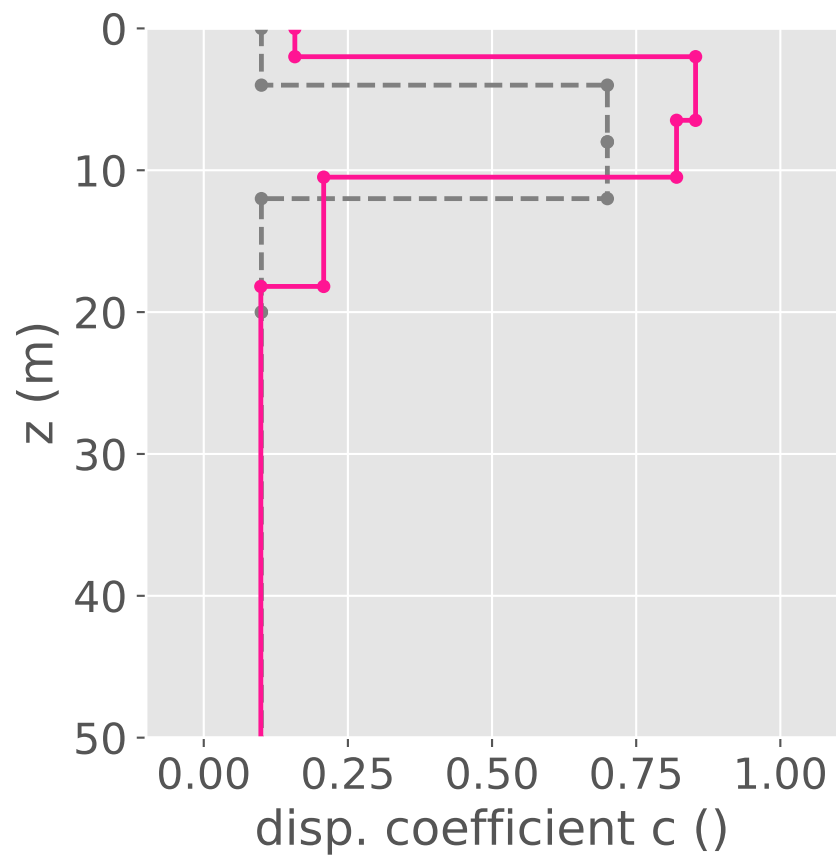
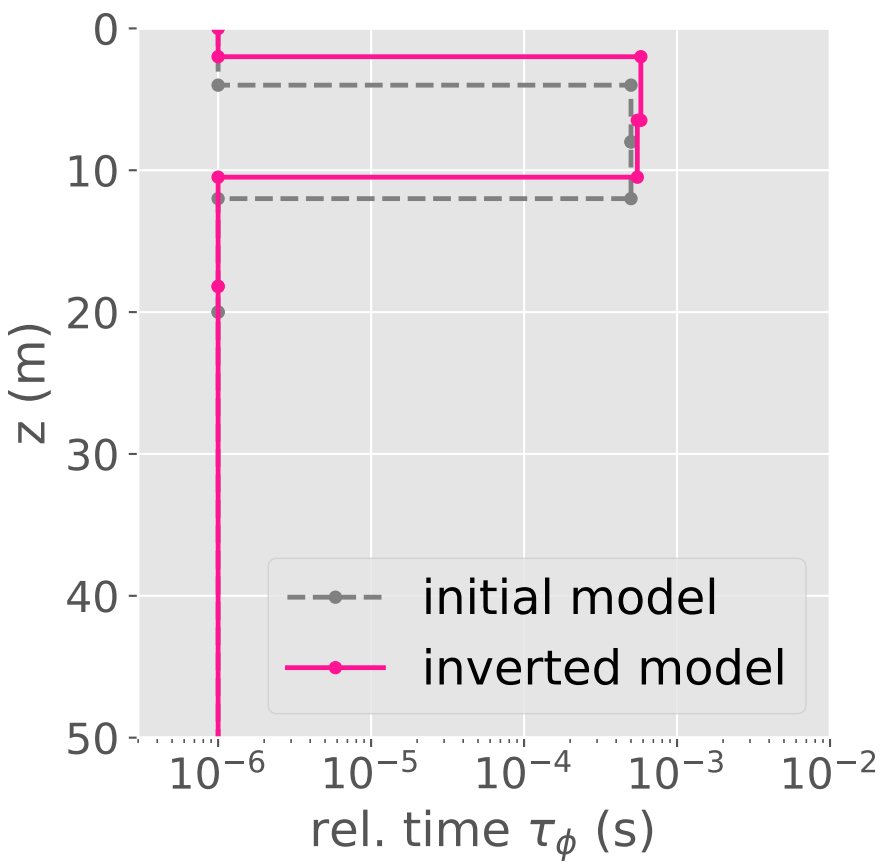
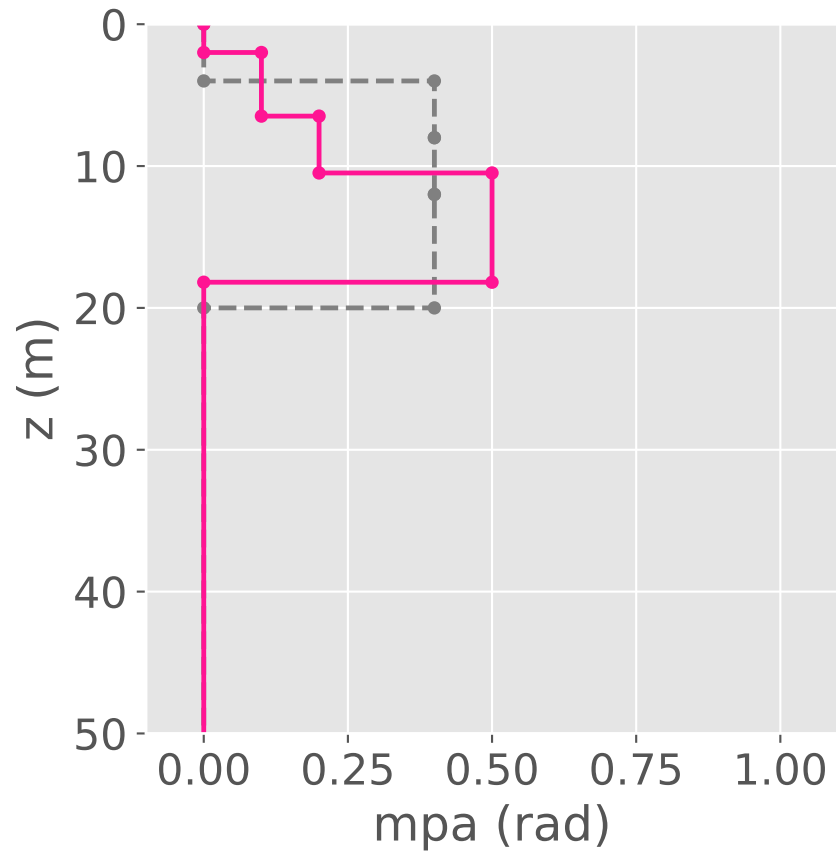
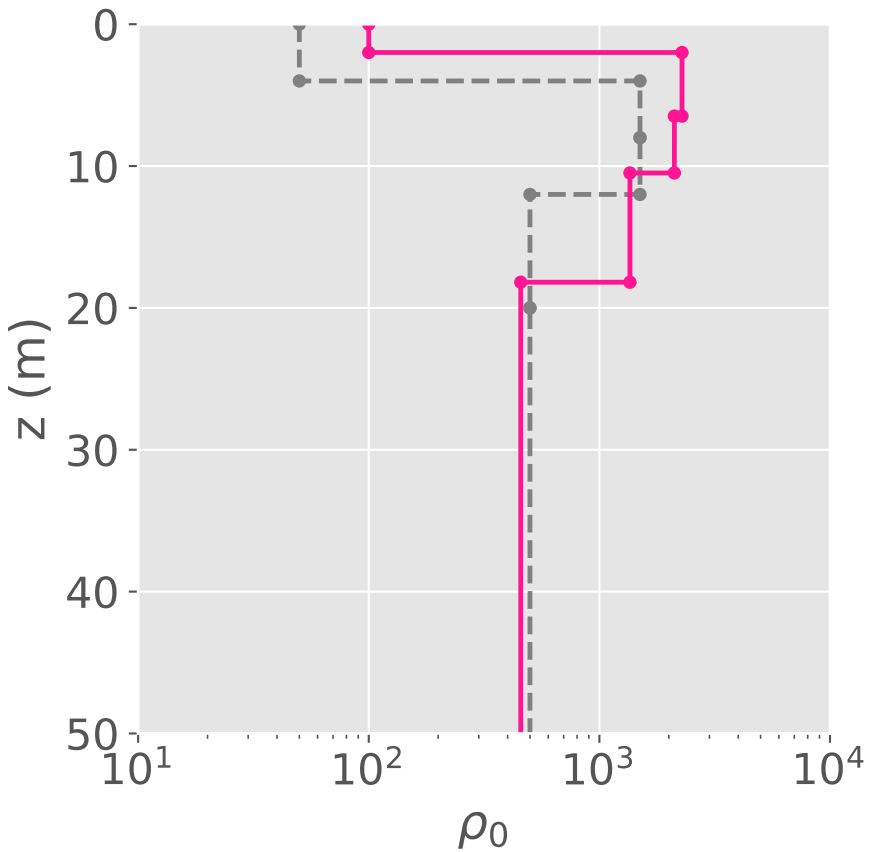


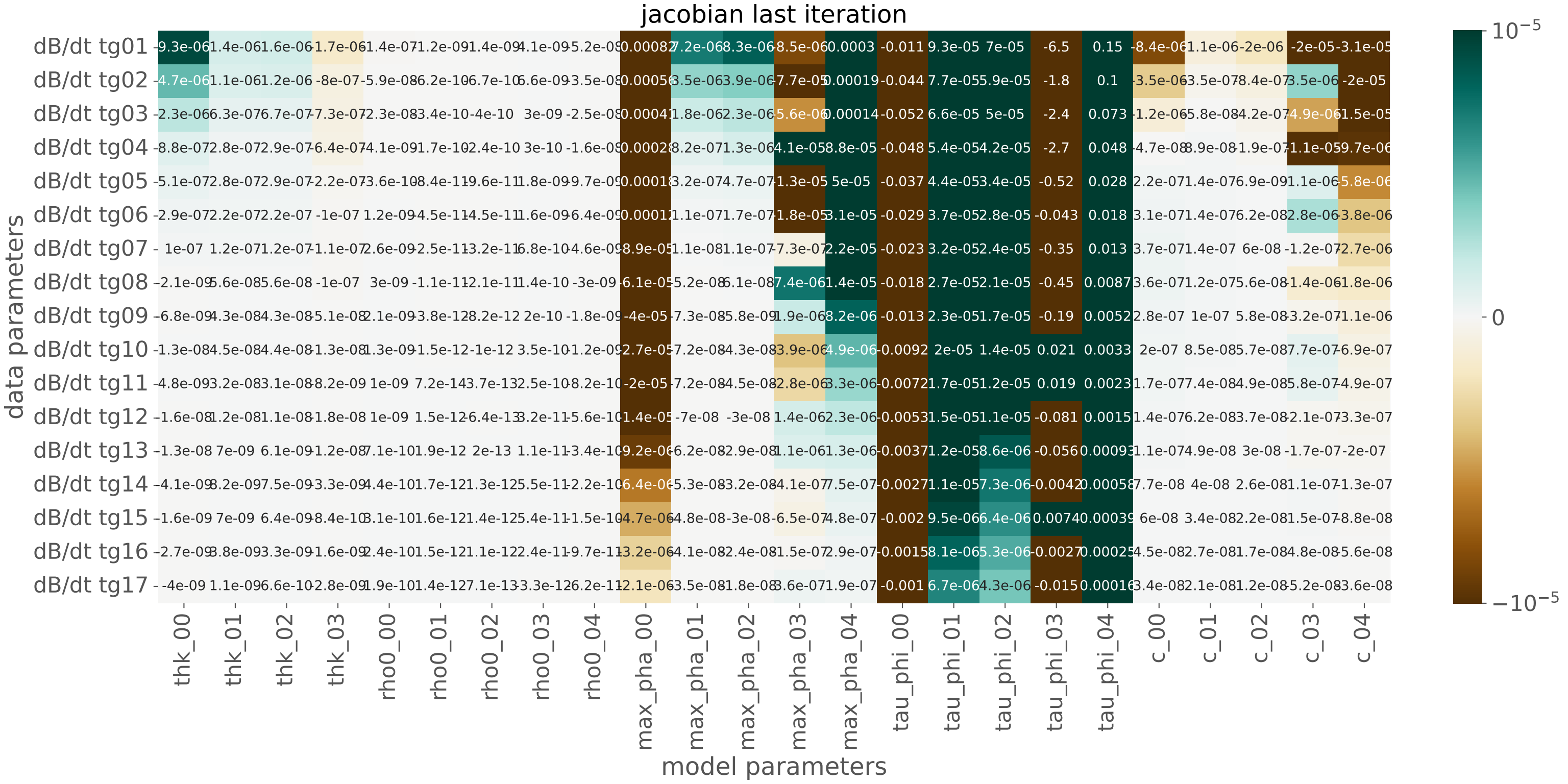
inv-run: 004, sndID: B043
chi2 = 55.19, rrms = 128.35%



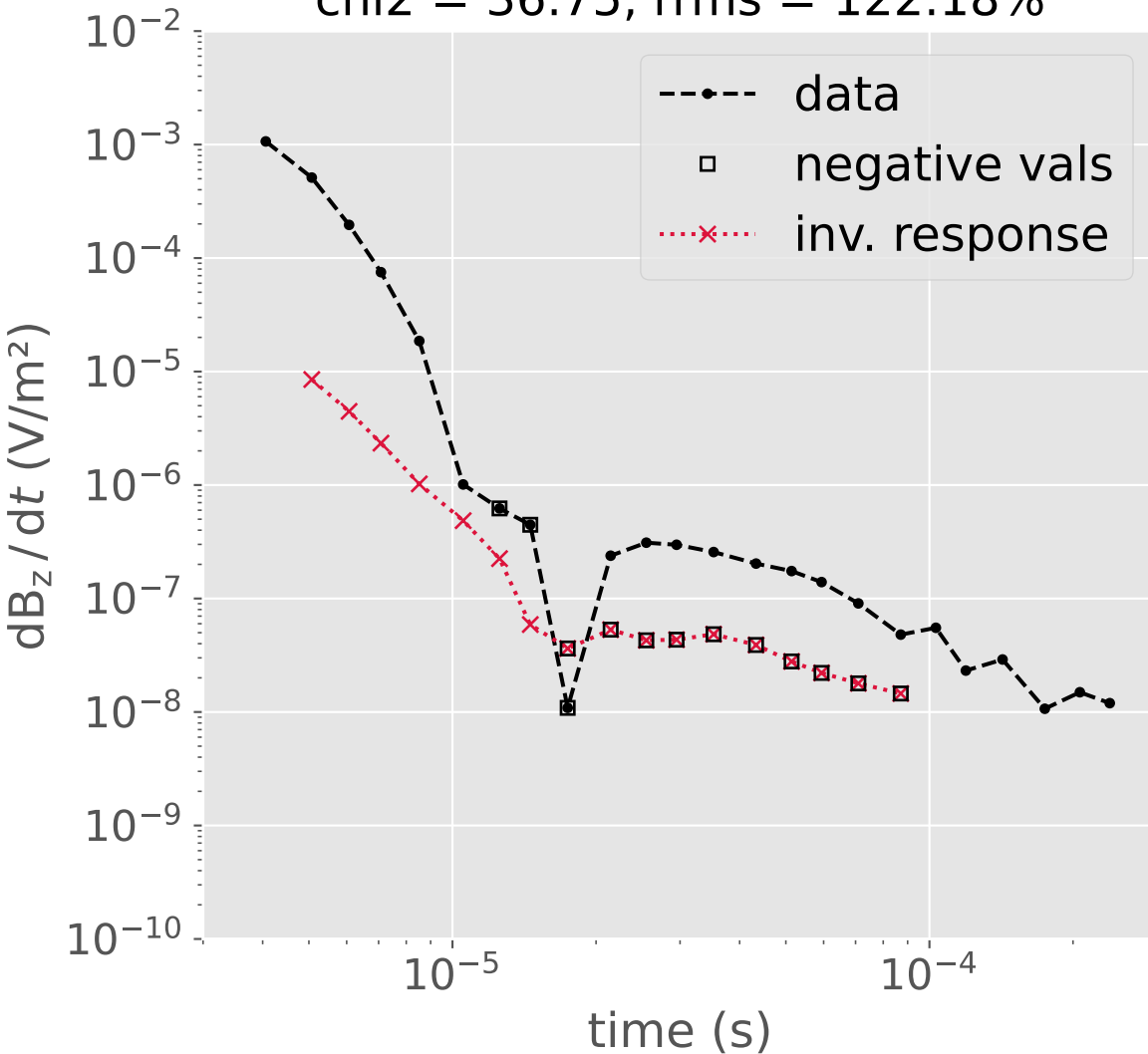
init. lam 500.0 cooling: 0.8, iters 11
fin. lam 34.4, noise floor = 17.0%



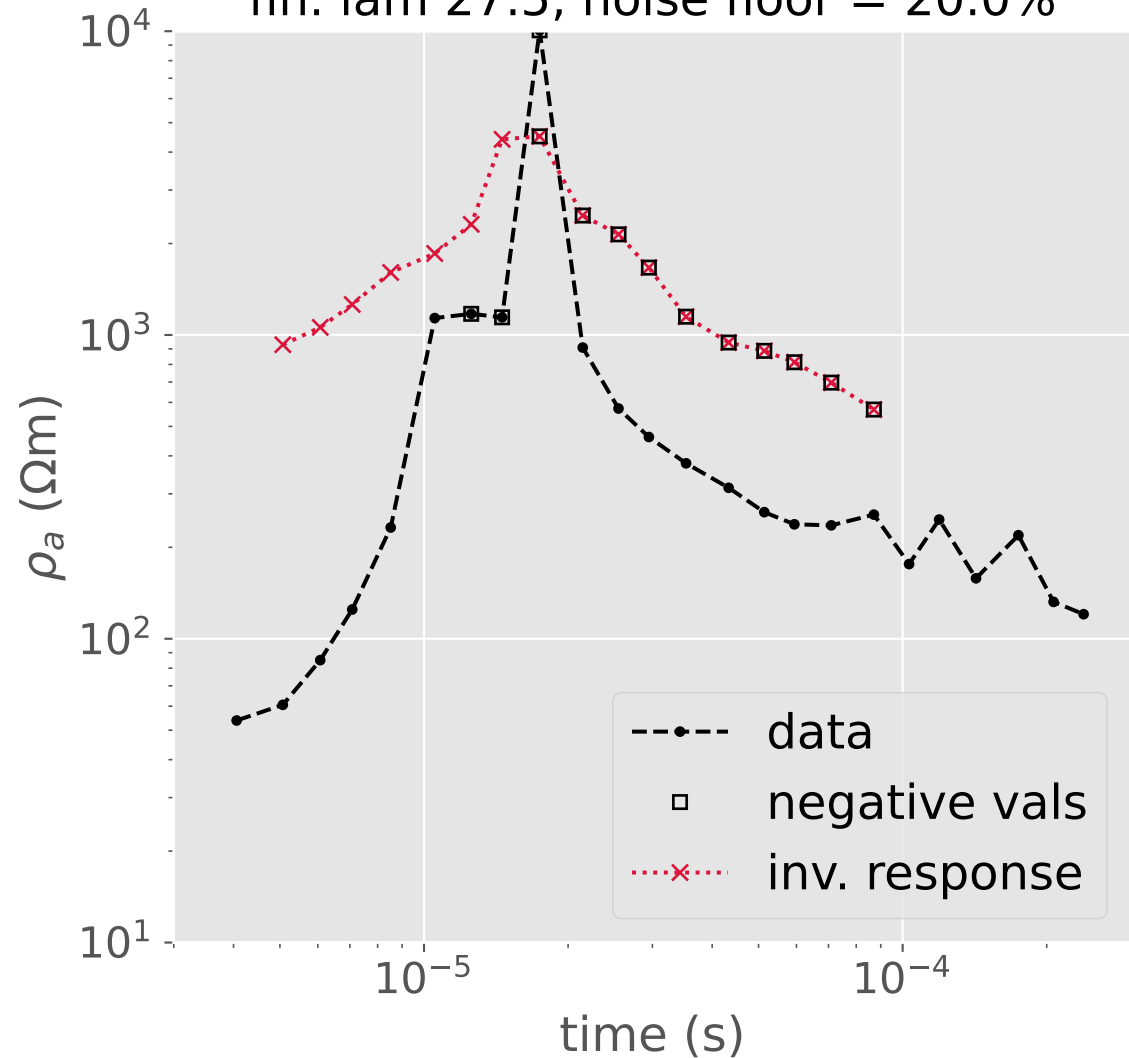


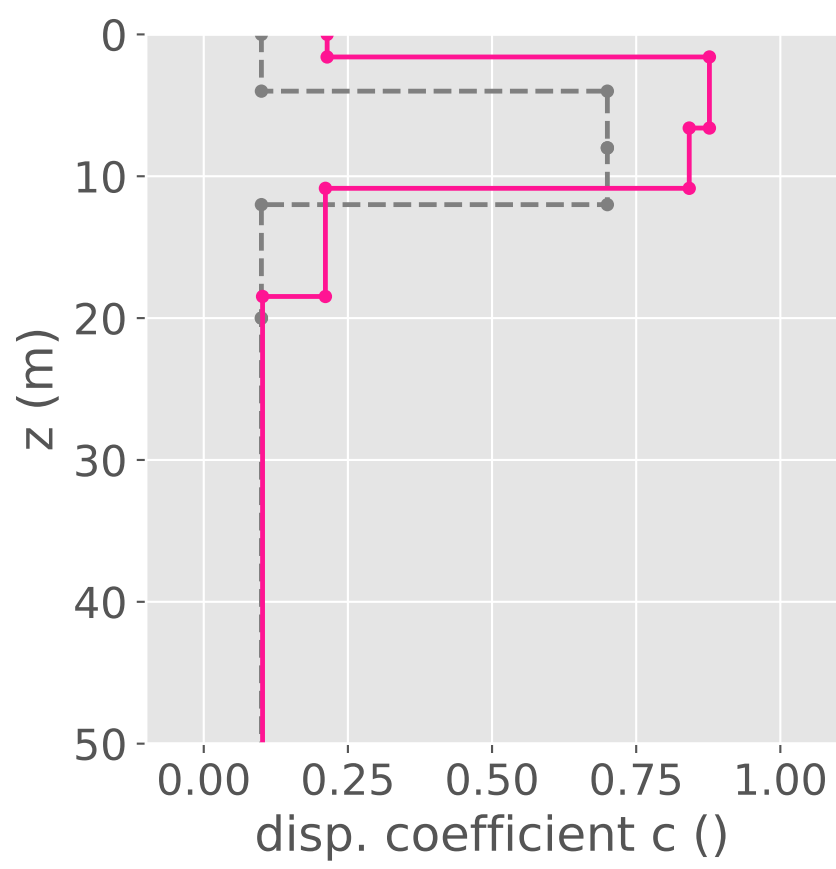
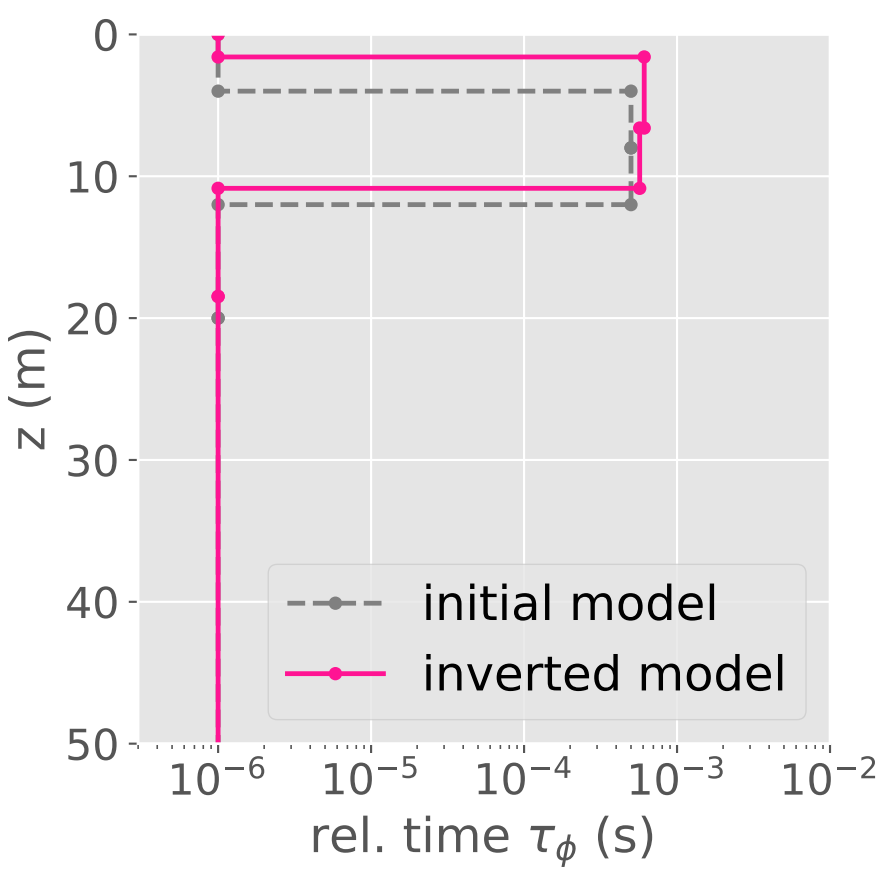
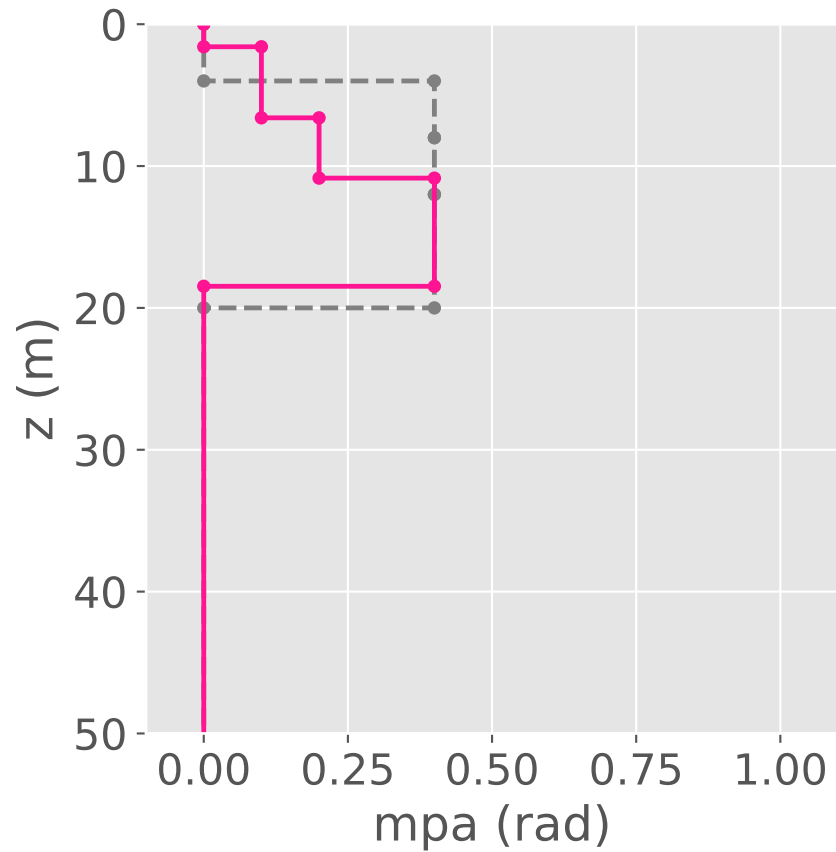
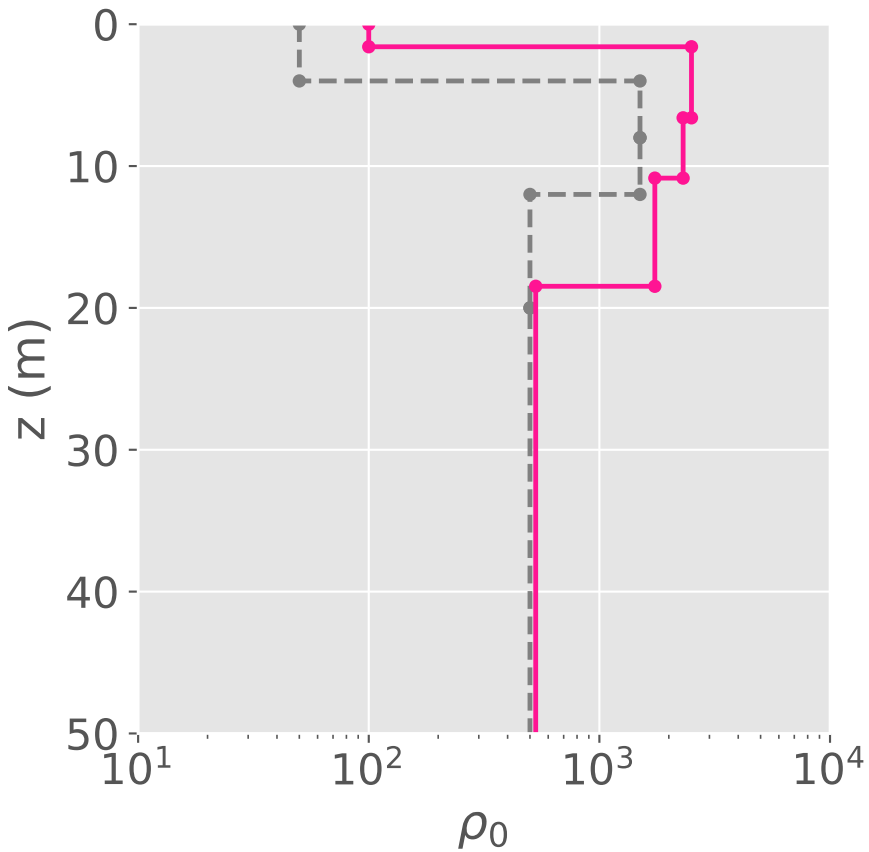


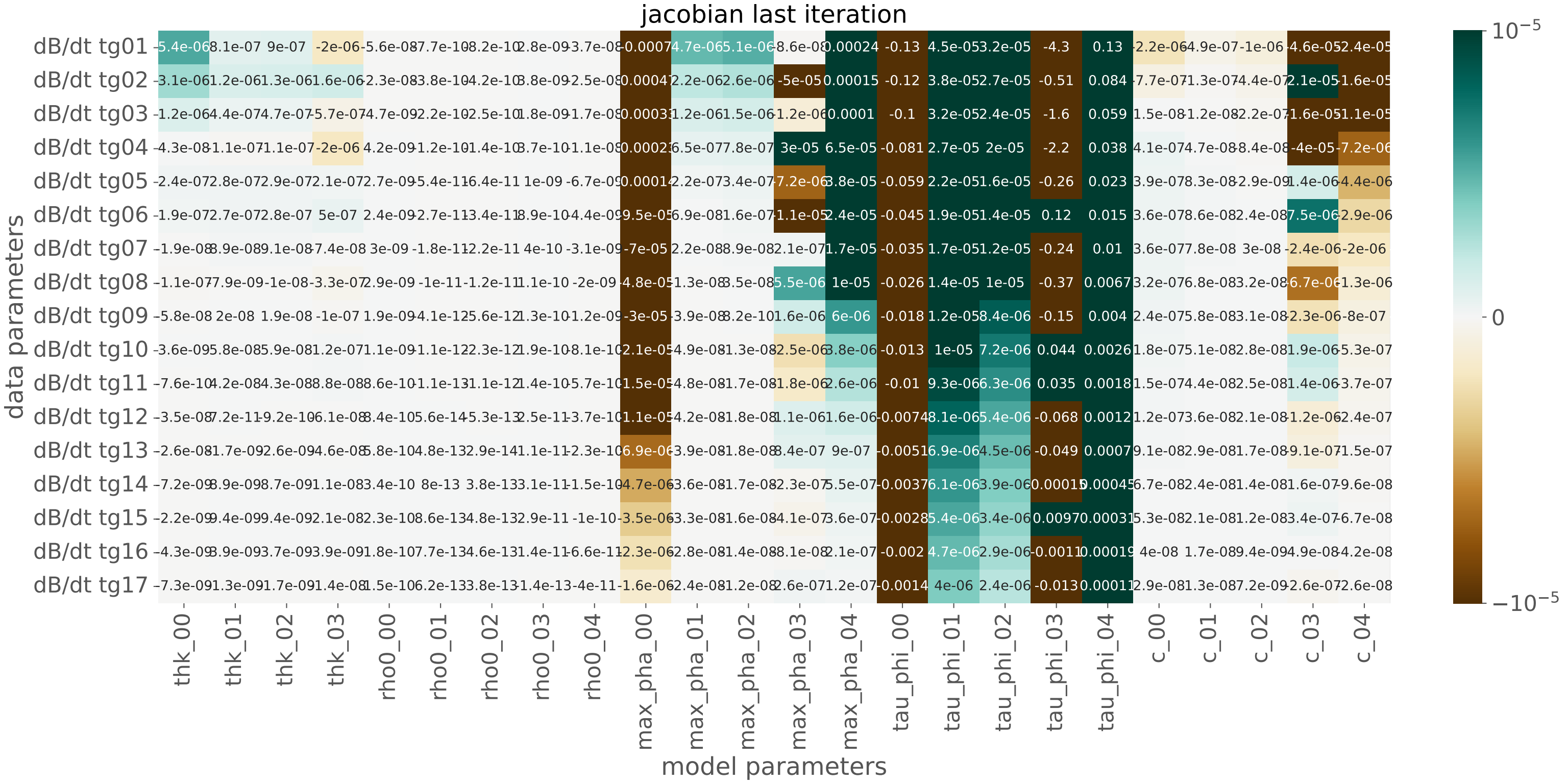
inv-run: 005, sndID: B043
chi2 = 36.75, rrms = 122.18%



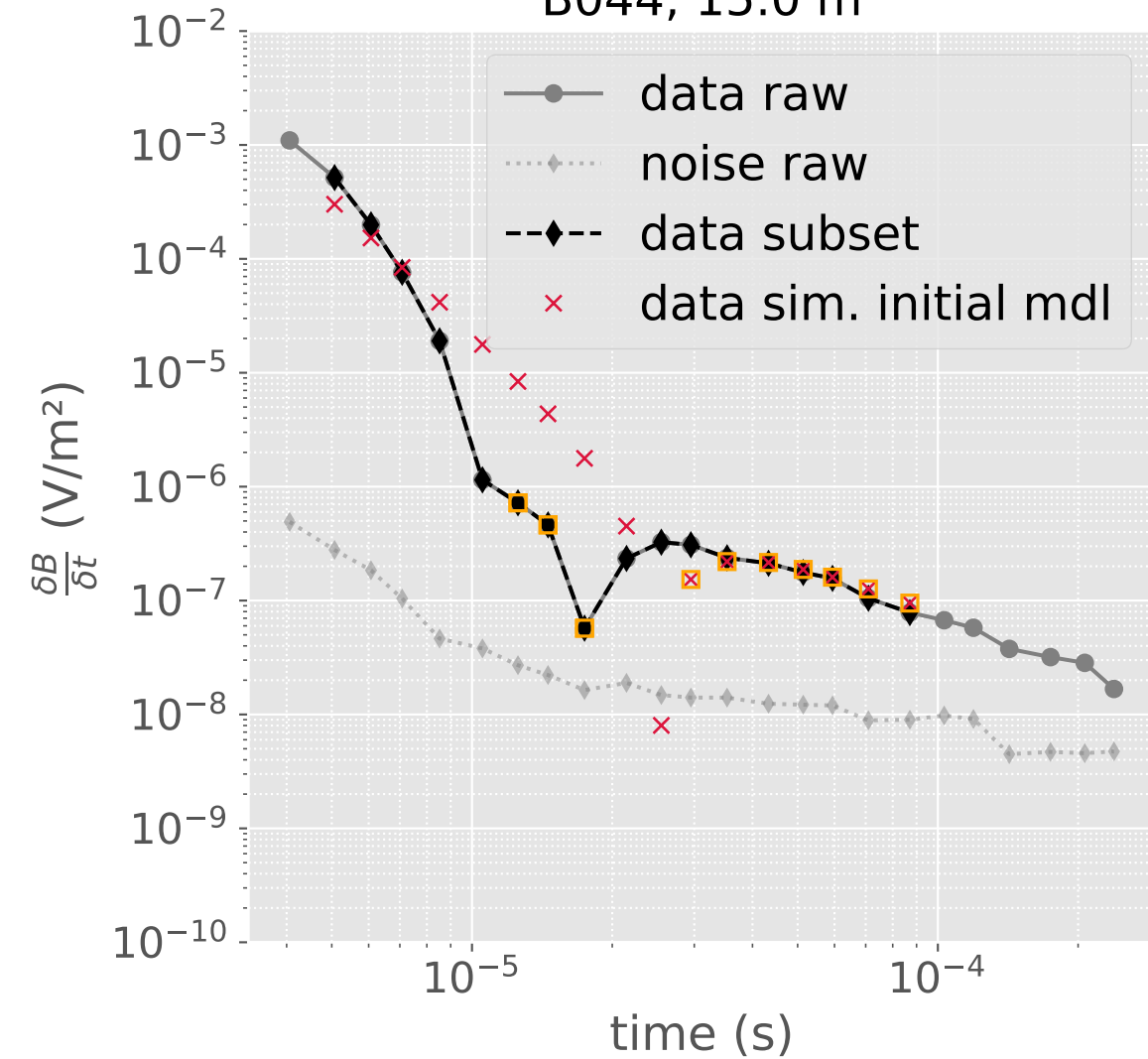
init. lam 500.0 cooling: 0.8, iters 12
fin. lam 27.5, noise floor = 20.0%



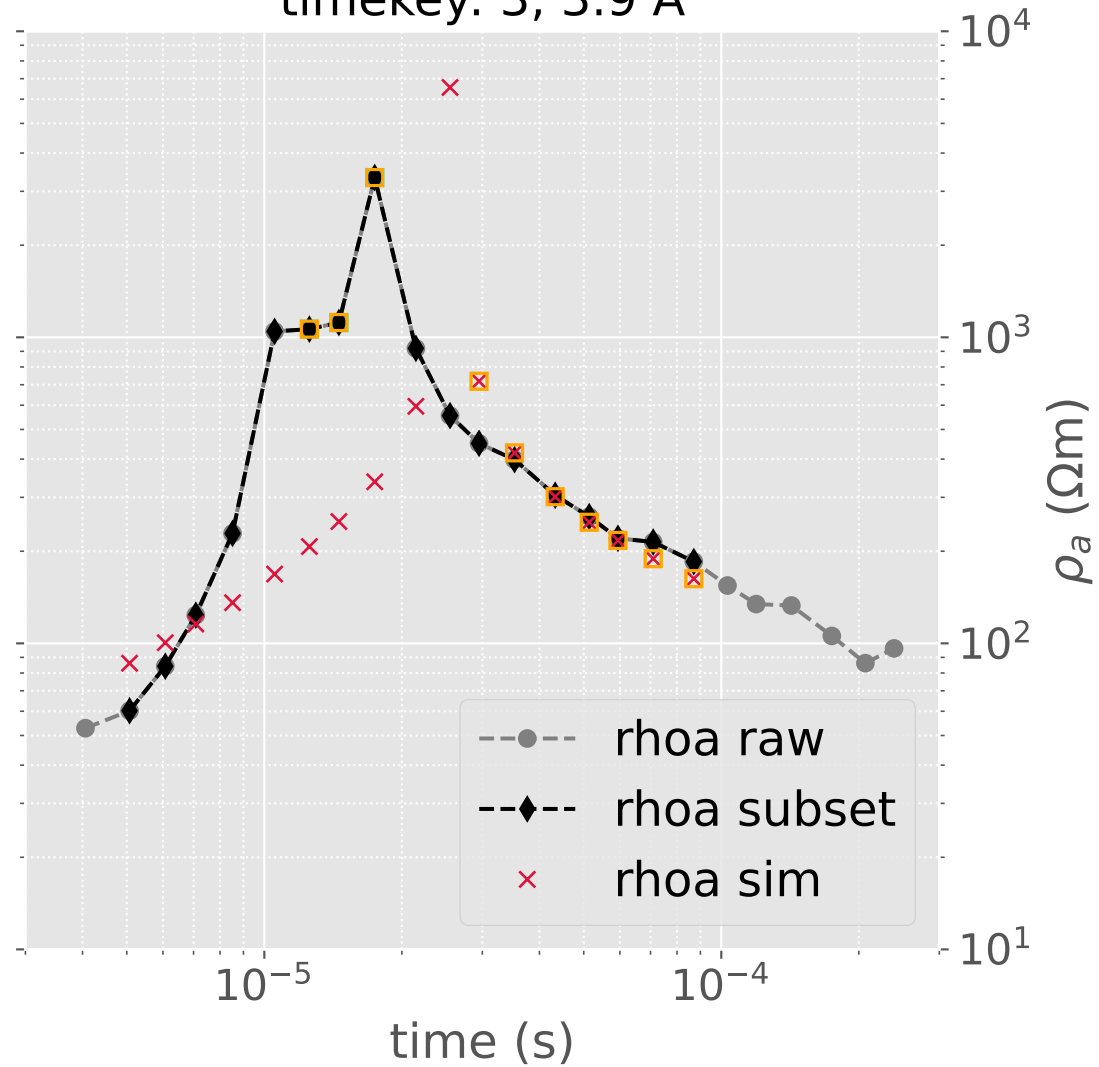




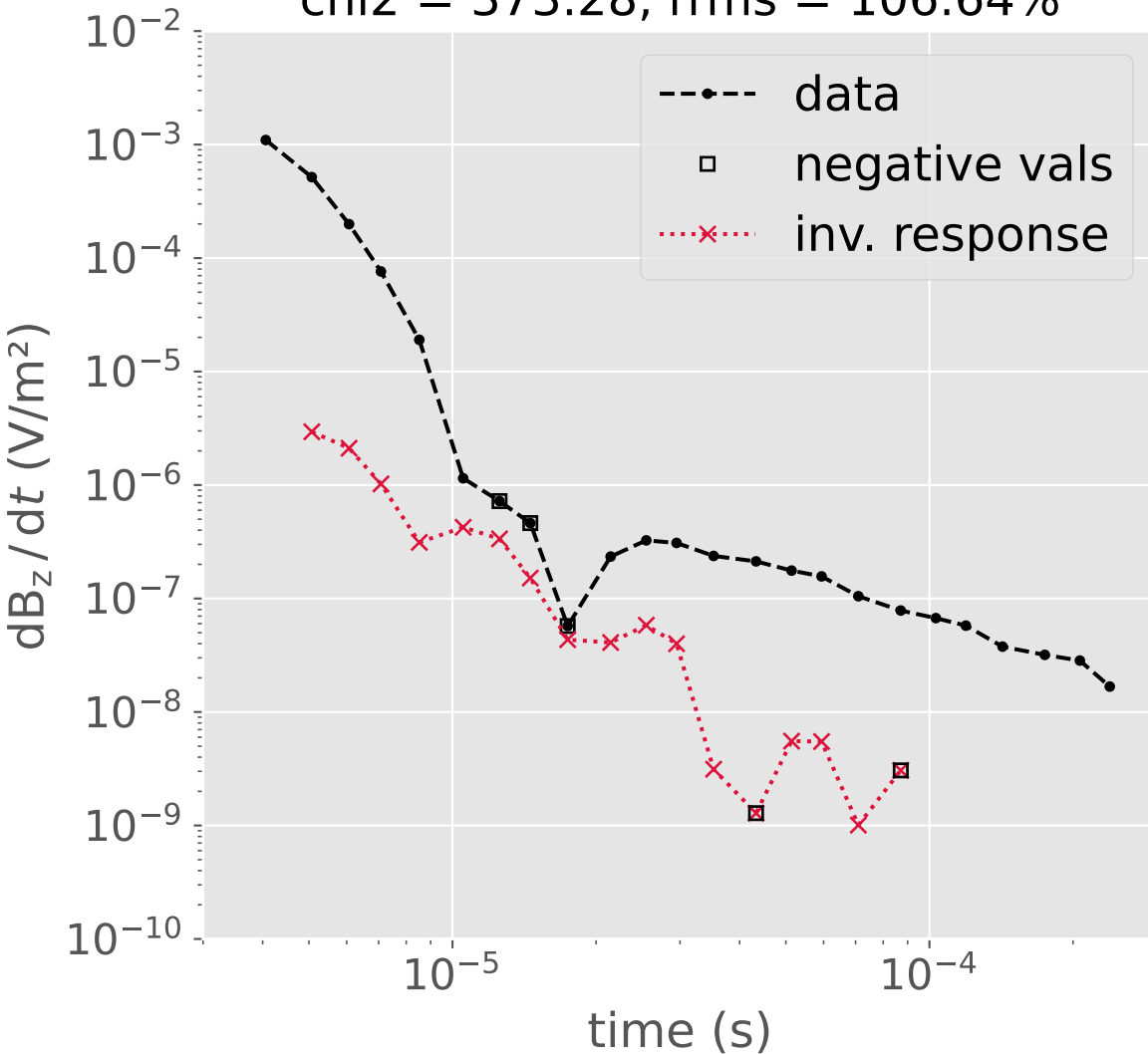
B044, 15.0 m



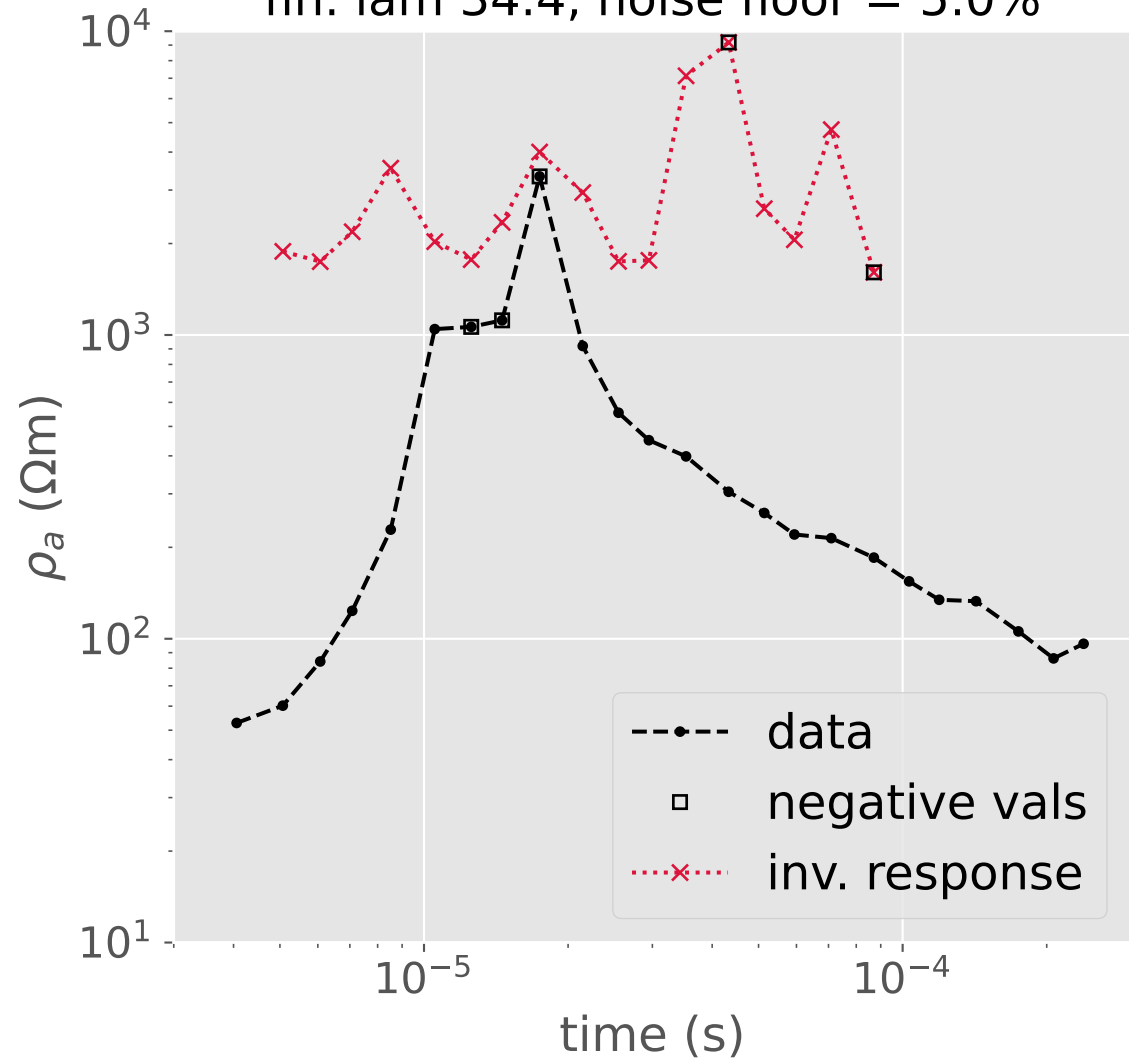
timekey: 3, 3.9 A

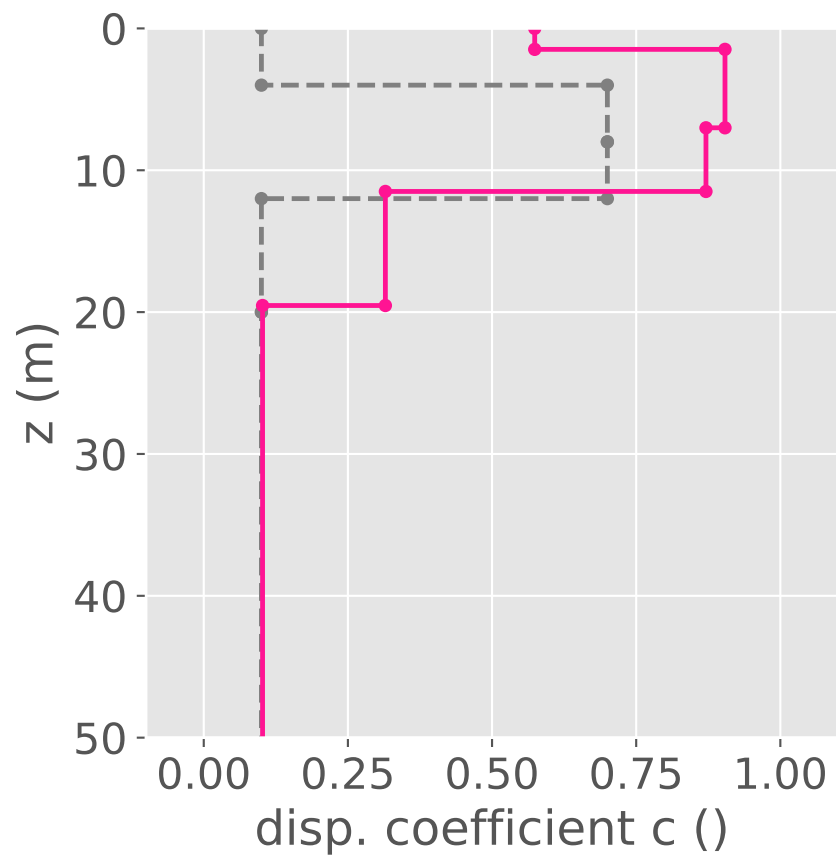
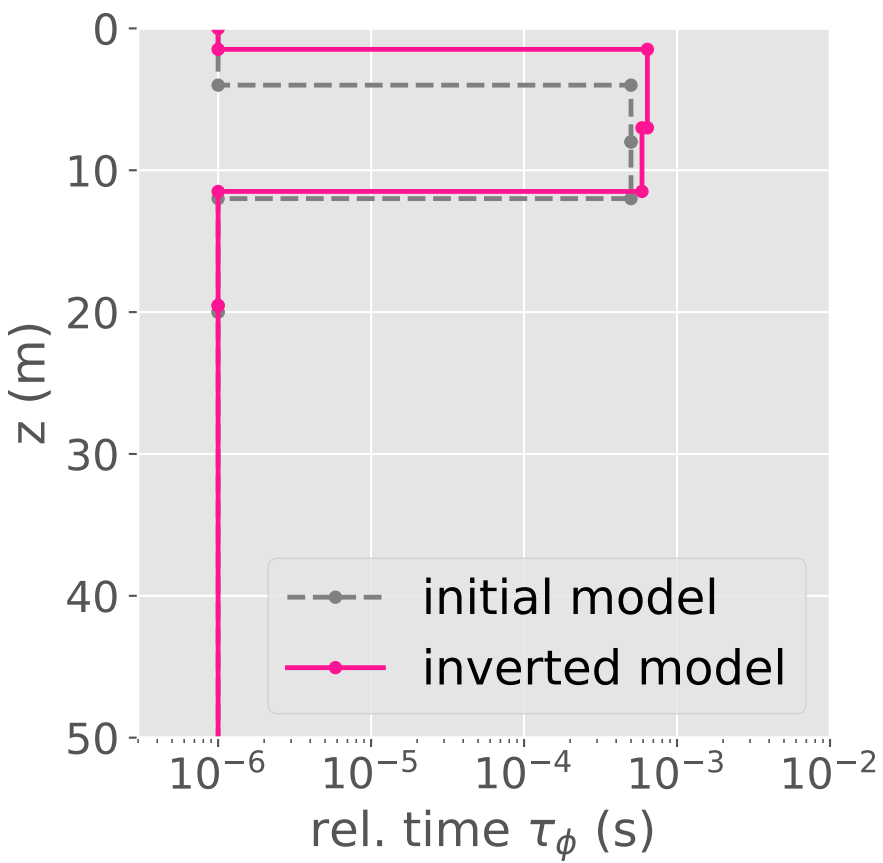
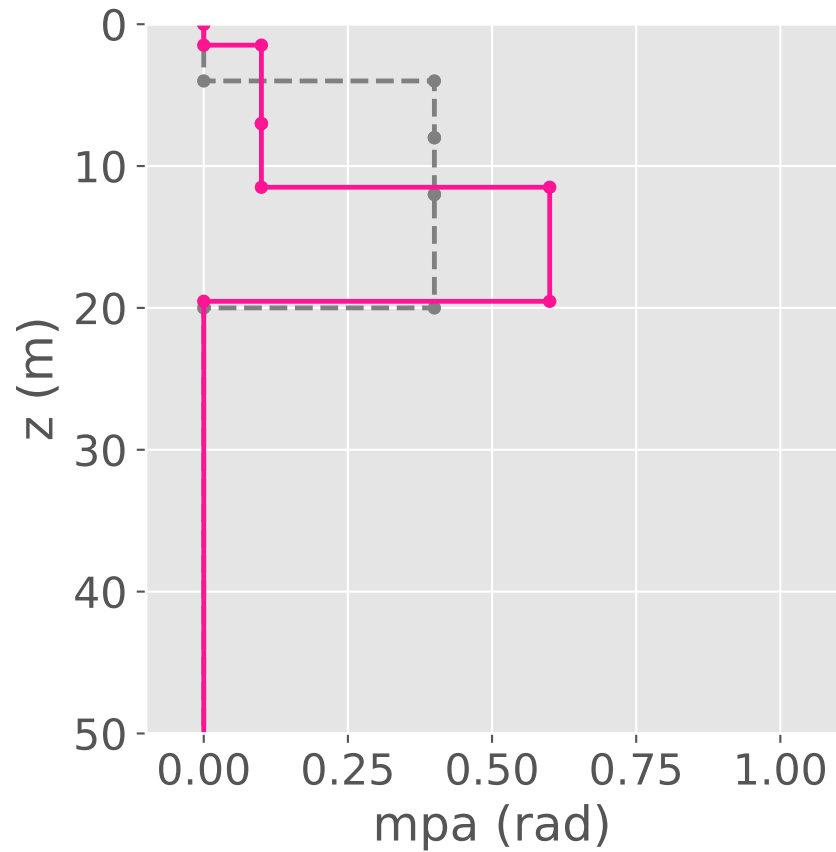
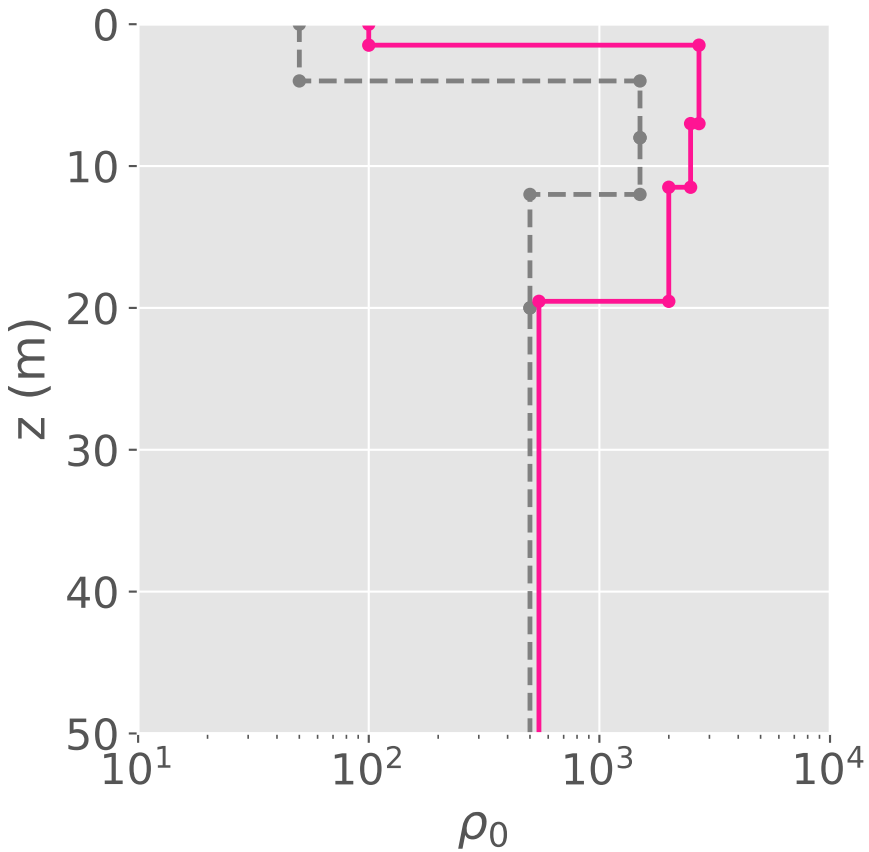


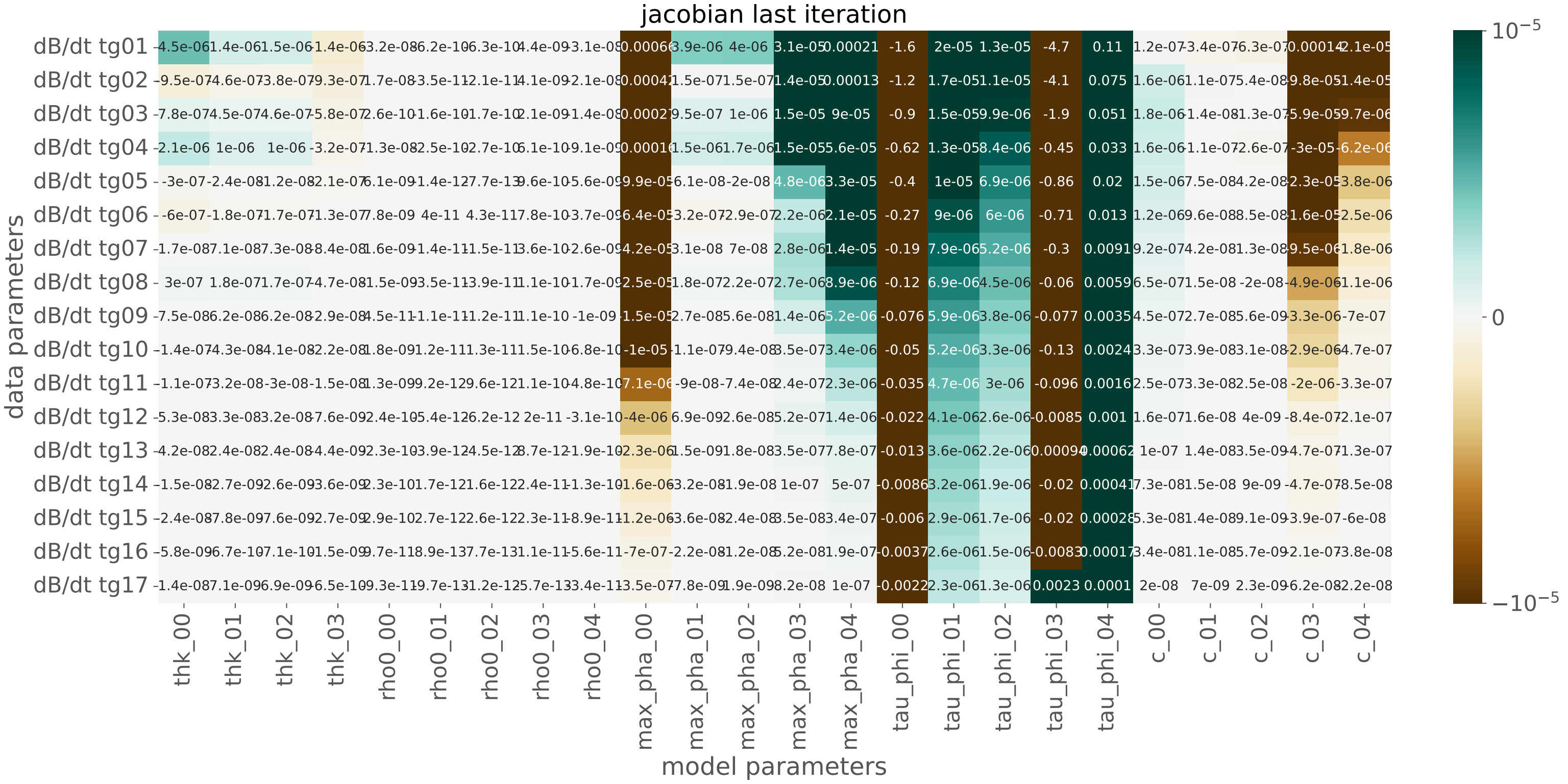
inv-run: 000, sndID: B044
chi2 = 373.28, rrms = 106.64%



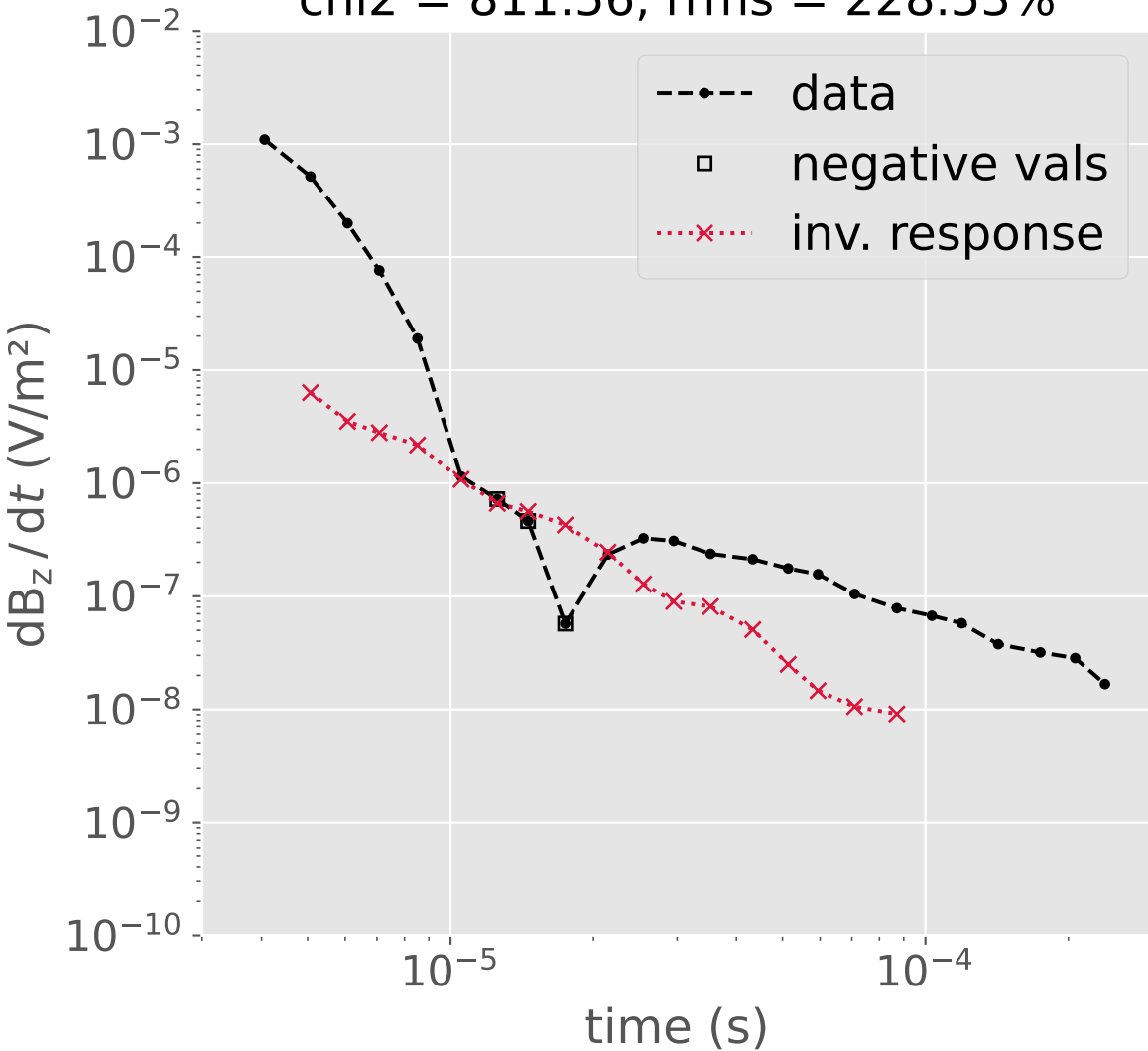
init. lam 500.0 cooling: 0.8, iters 11
fin. lam 34.4, noise floor = 5.0%



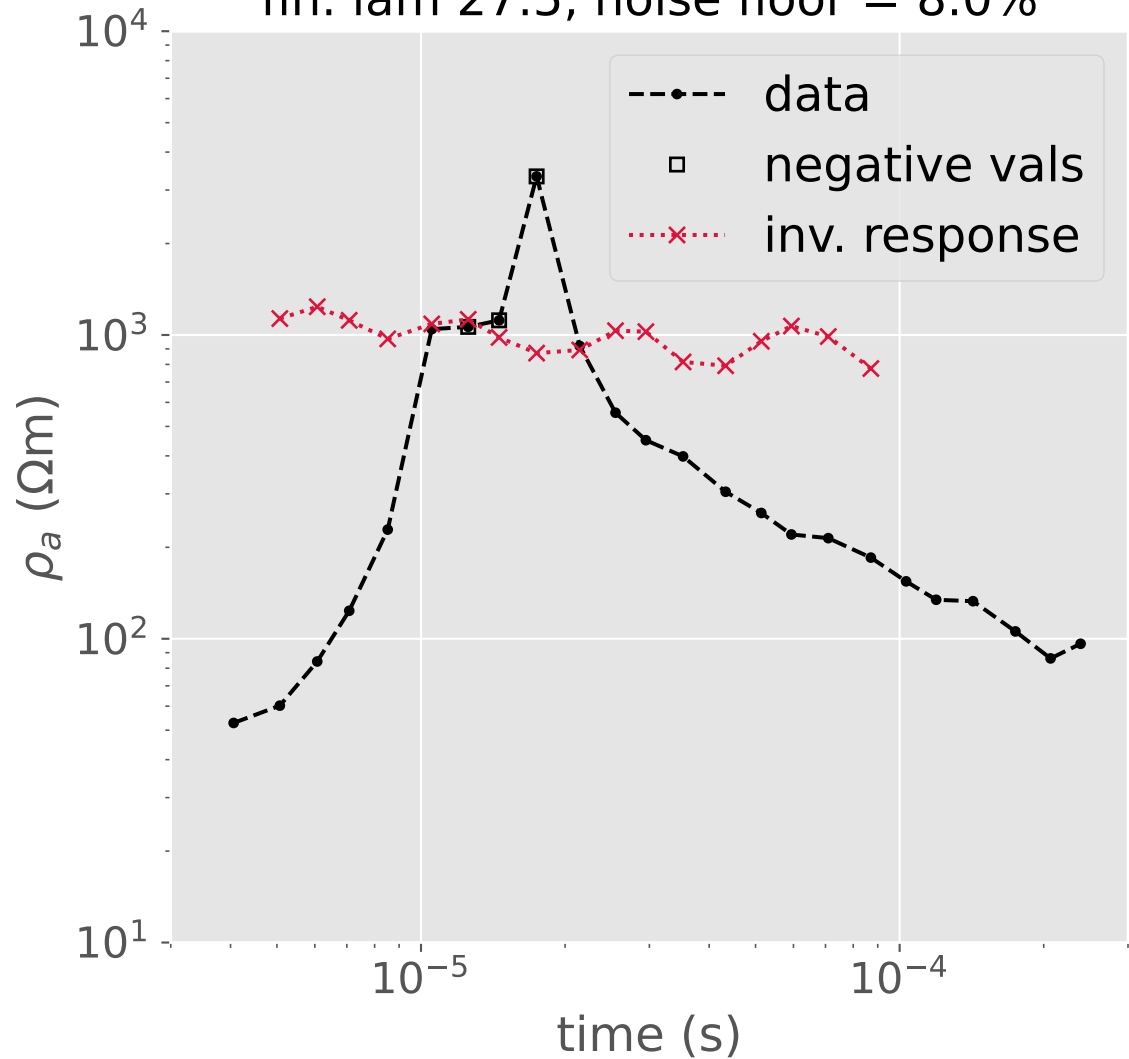


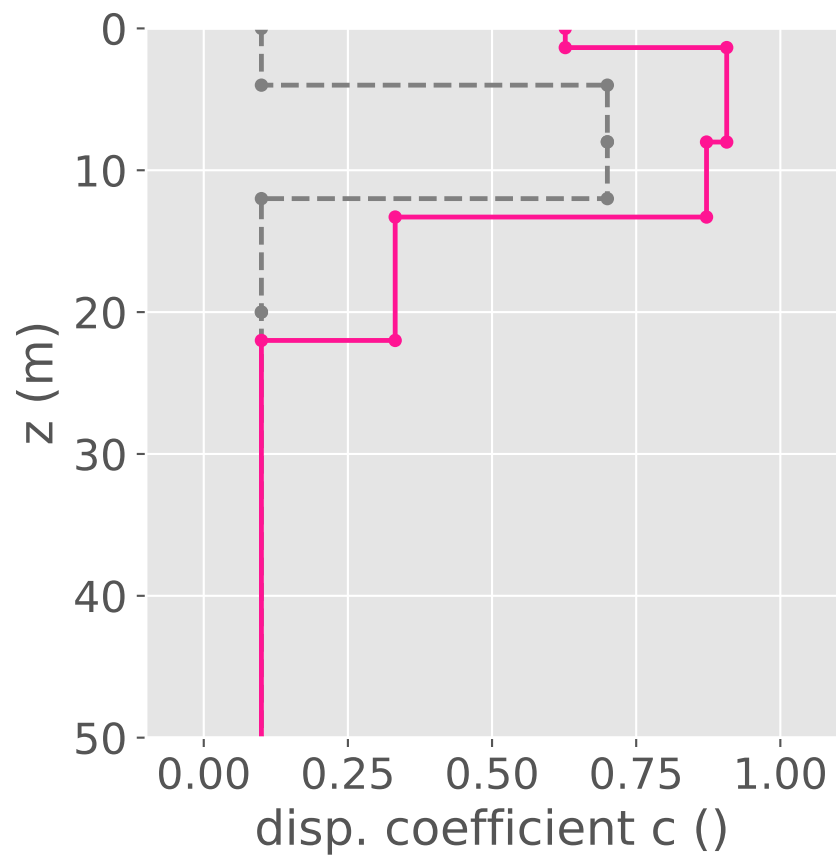
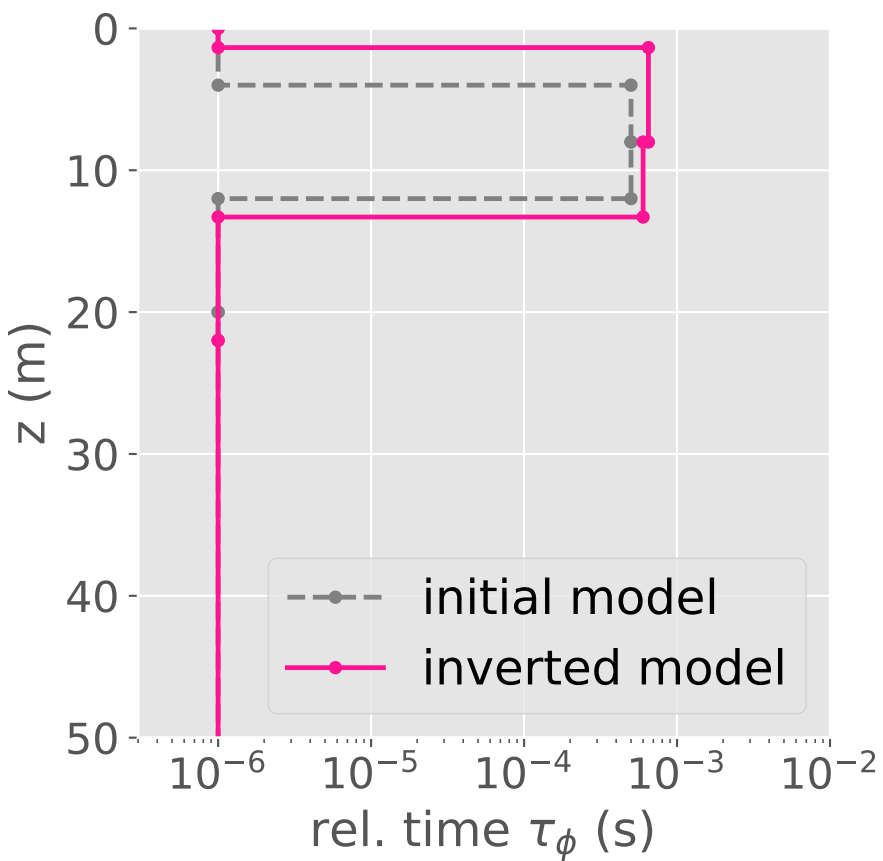
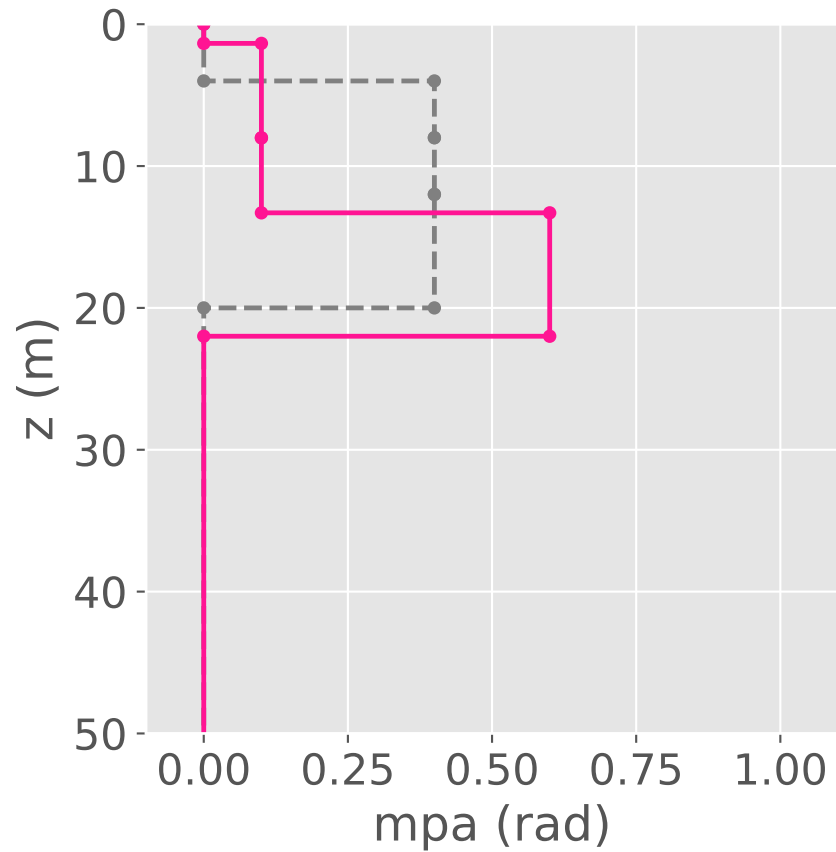
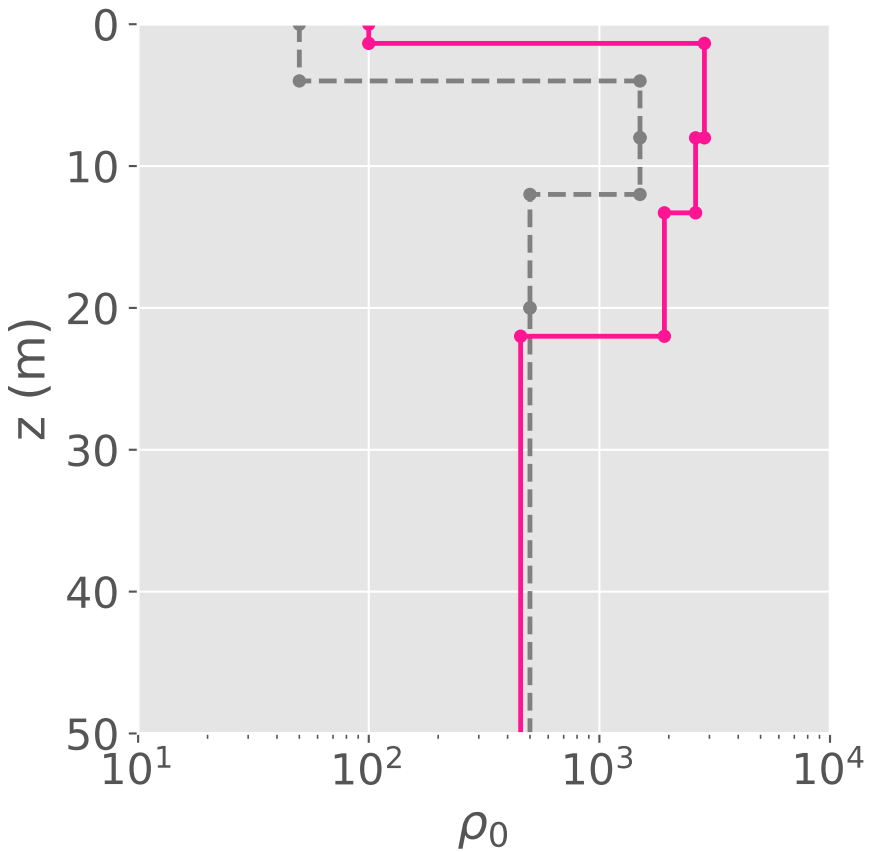


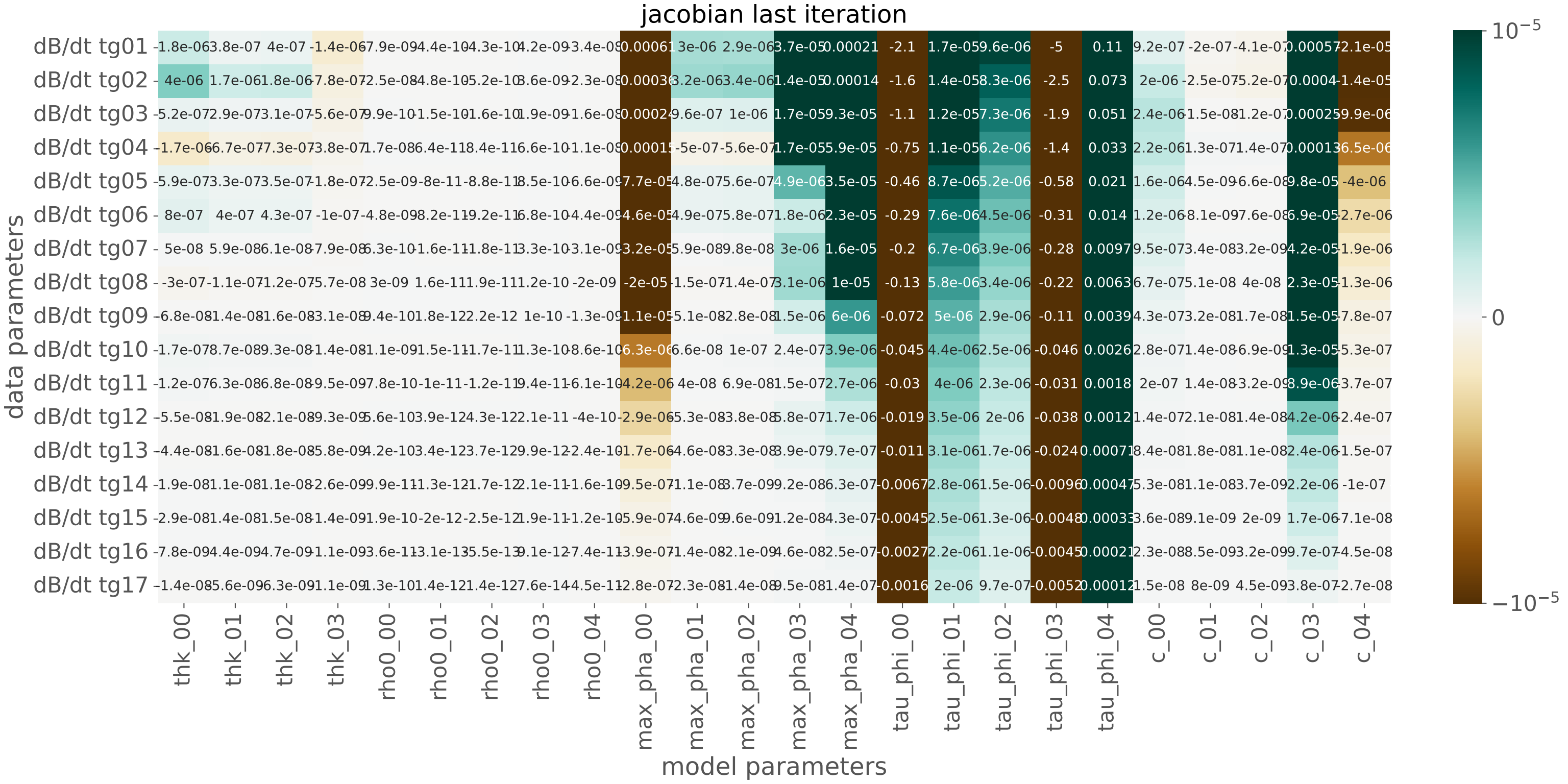
inv-run: 001, sndID: B044
chi2 = 811.56, rrms = 228.53%



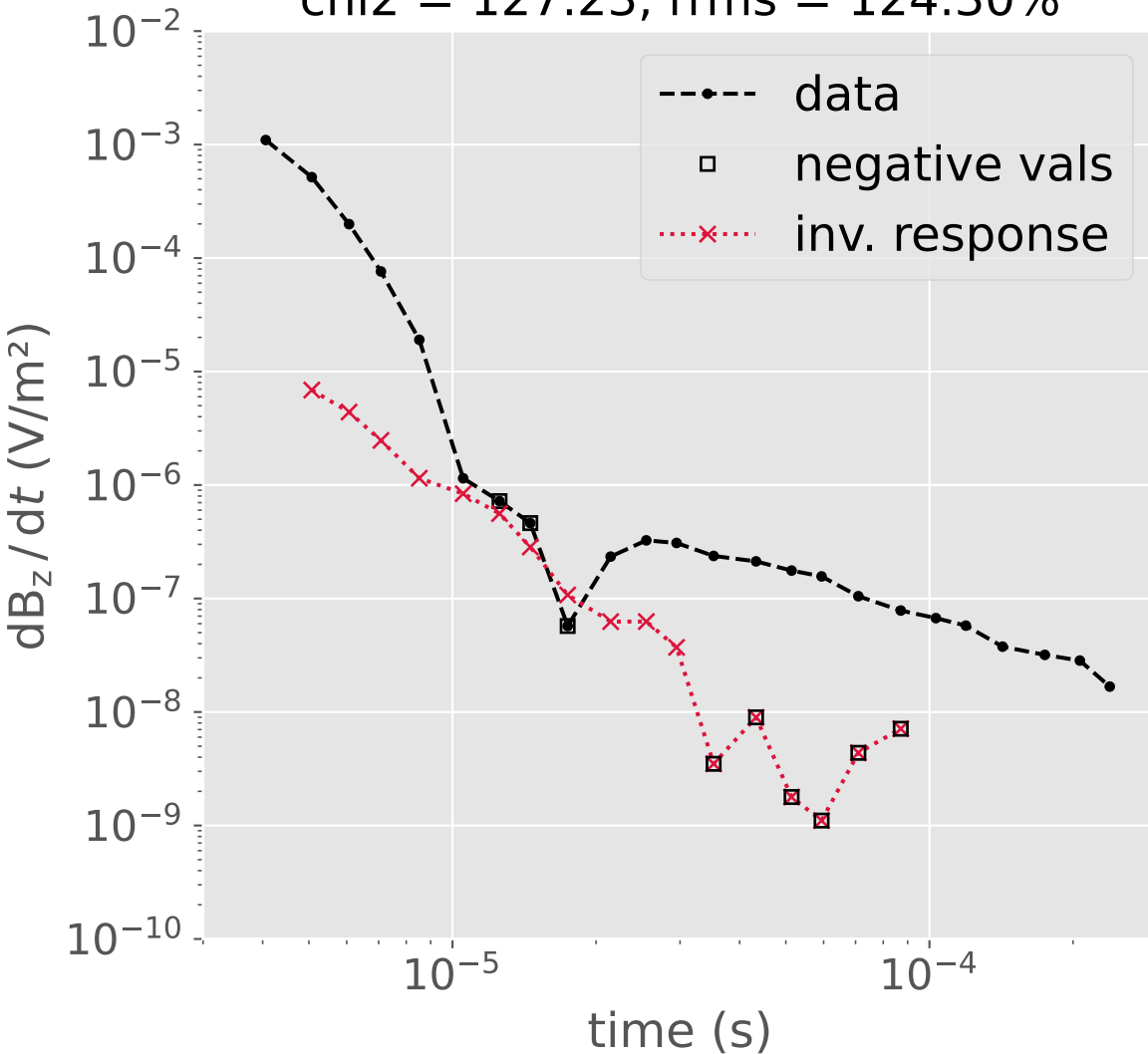
init. lam 500.0 cooling: 0.8, iters 12
fin. lam 27.5, noise floor = 8.0%



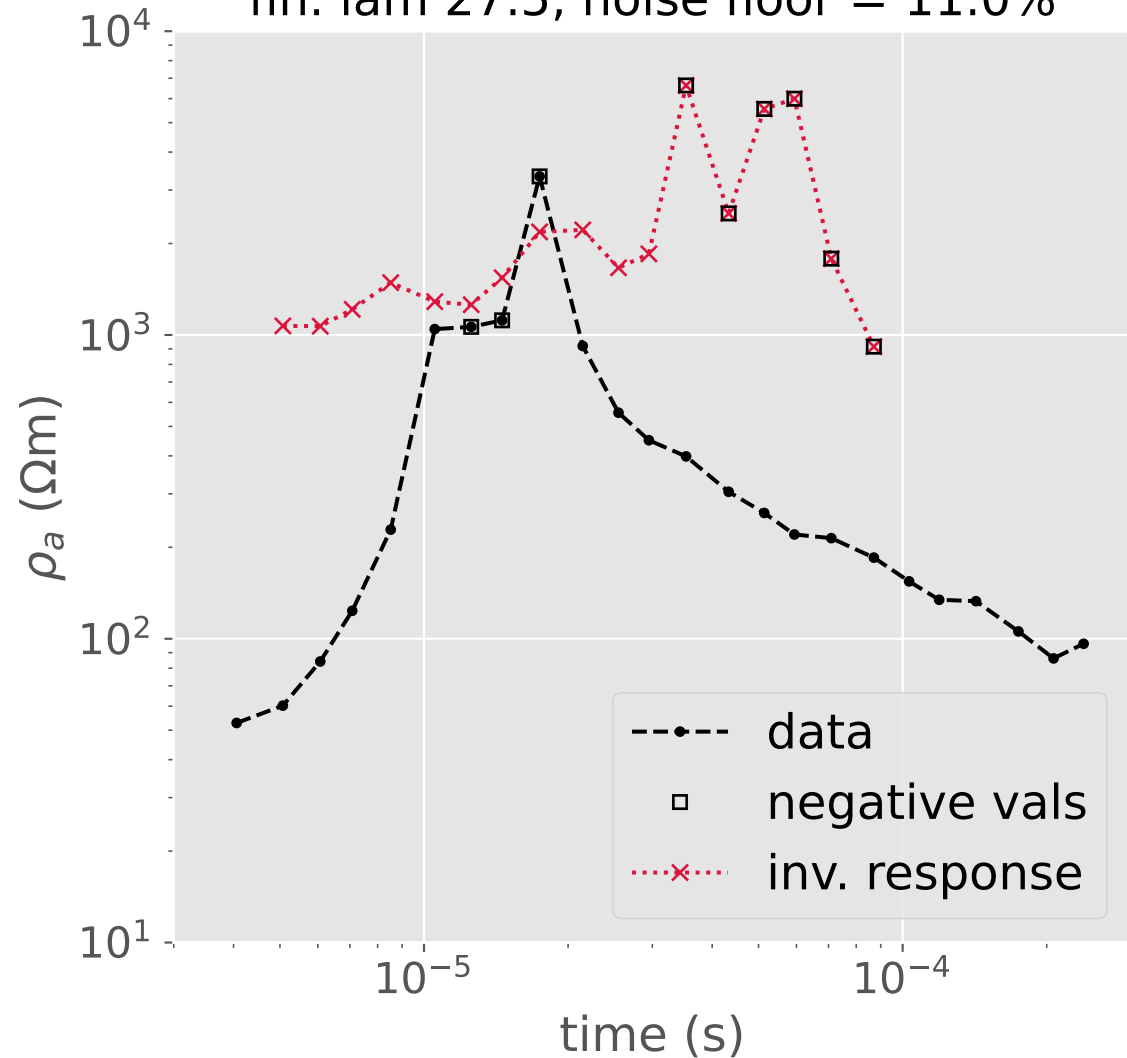


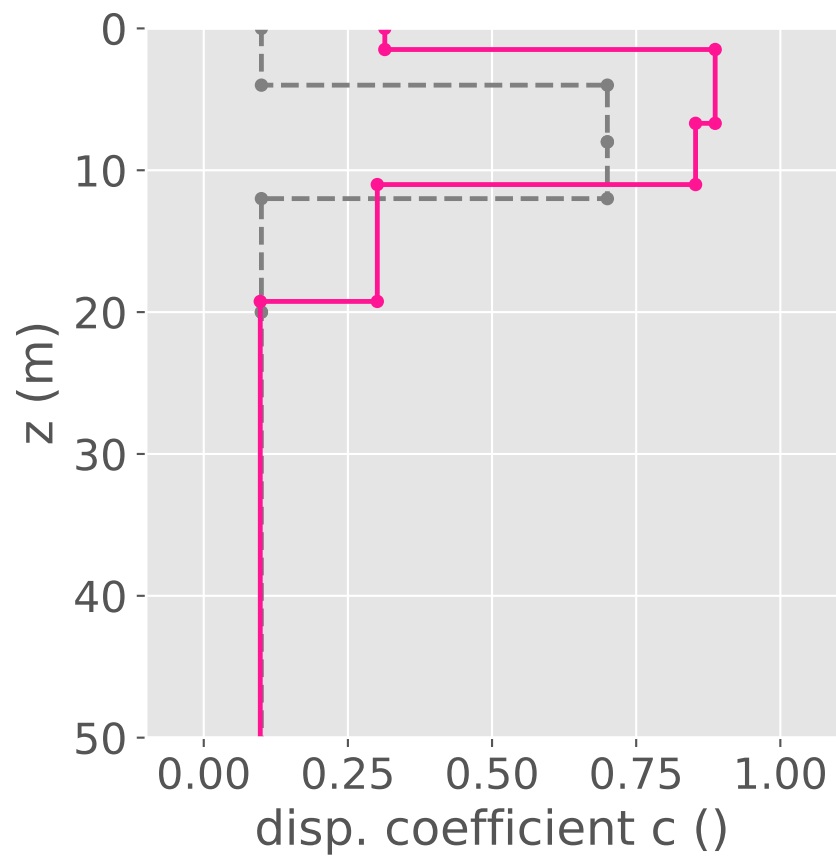
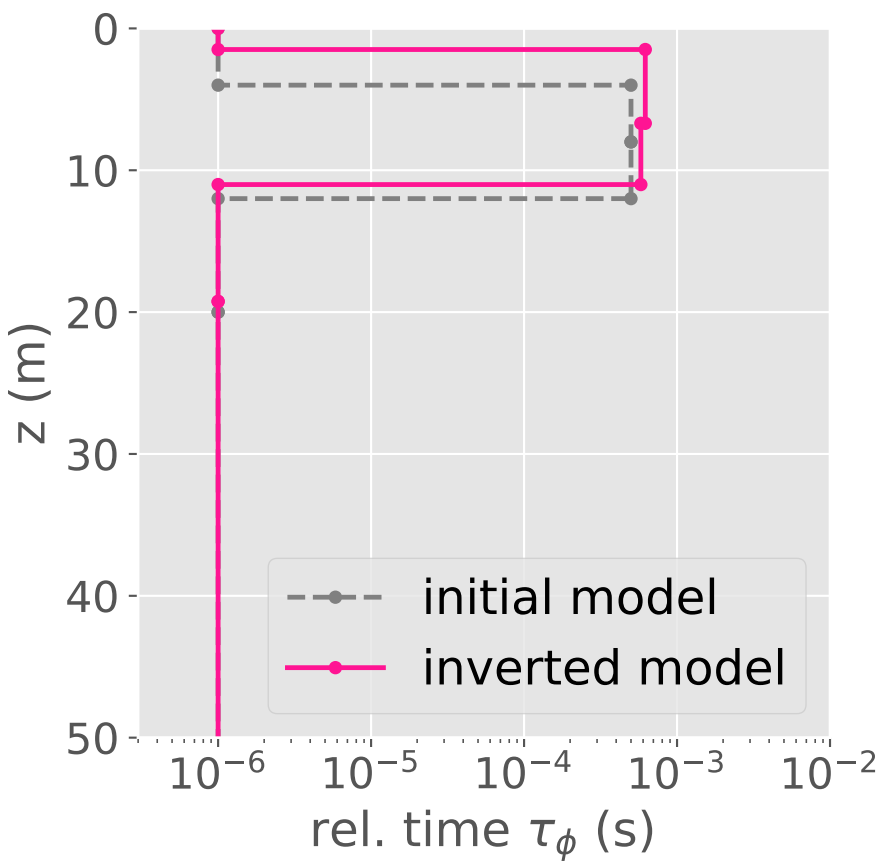
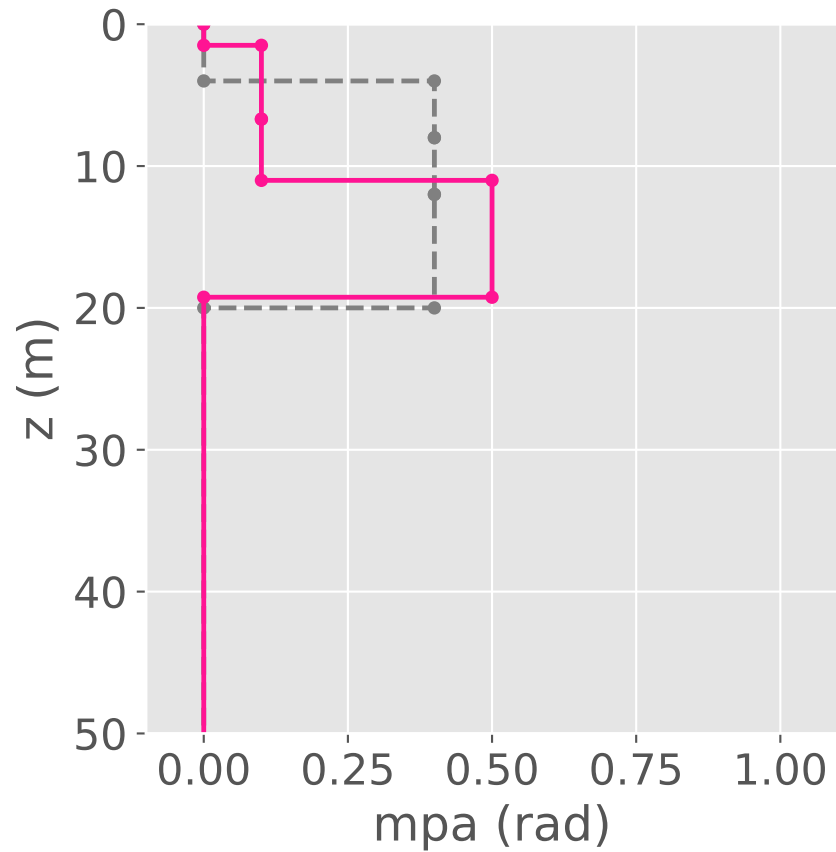
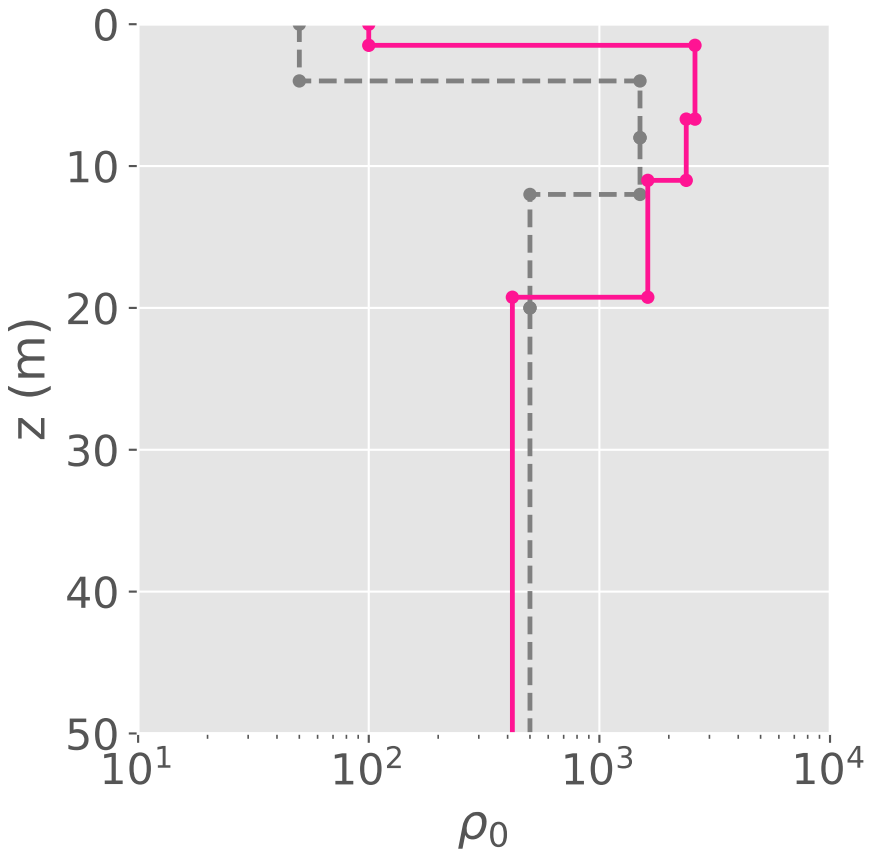


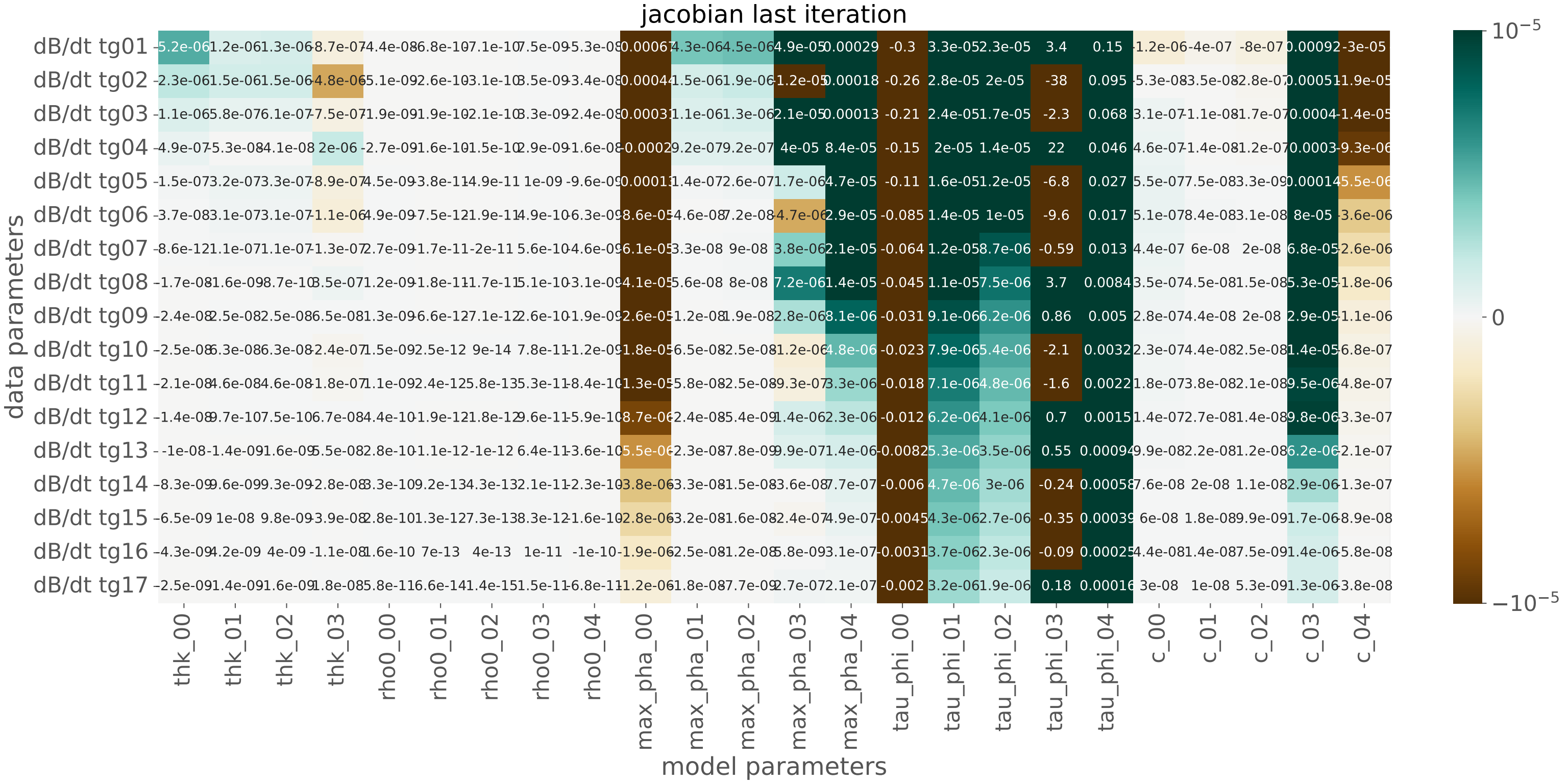
inv-run: 002, sndID: B044
chi2 = 127.23, rrms = 124.30%



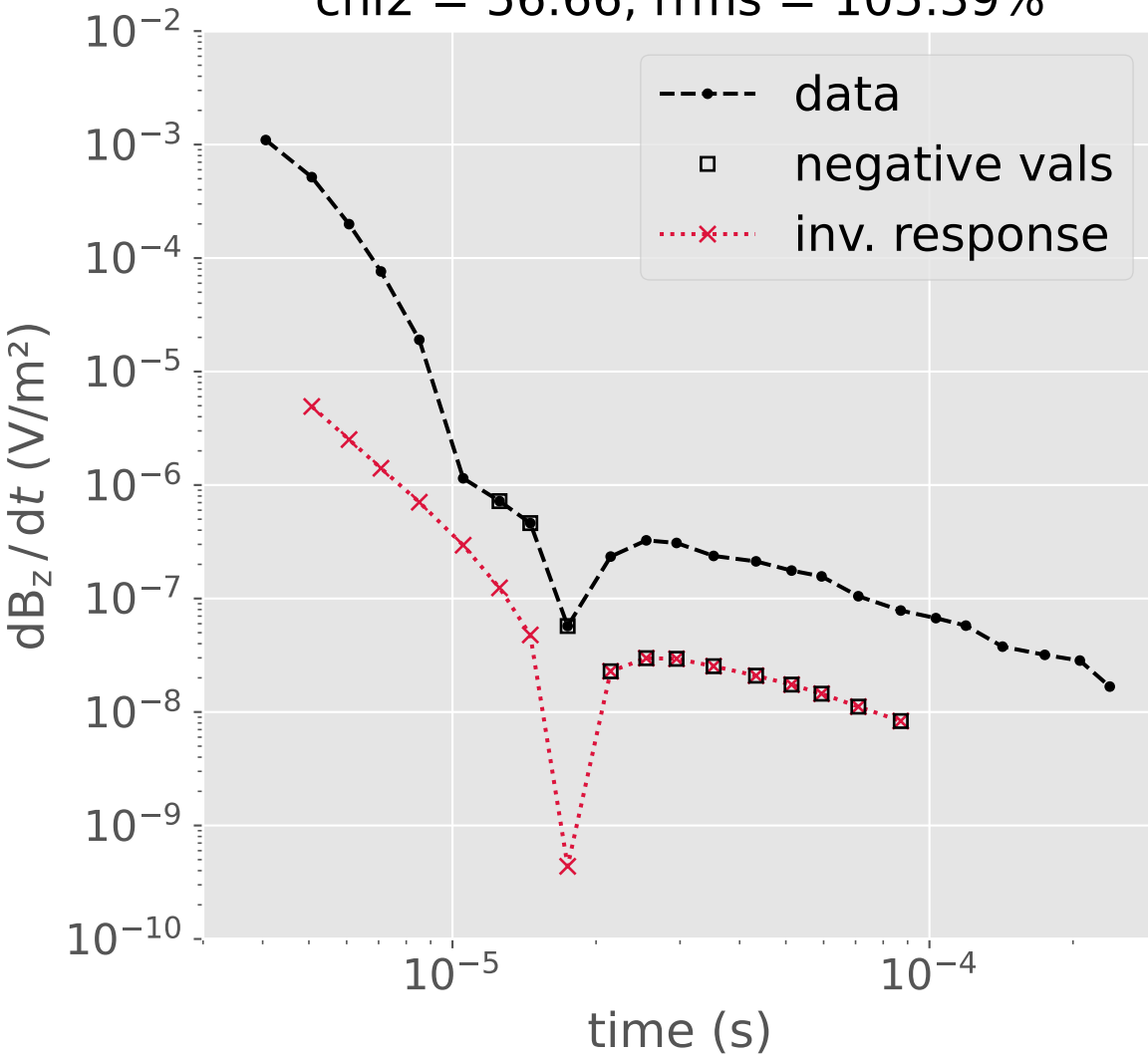
init. lam 500.0 cooling: 0.8, iters 12
fin. lam 27.5, noise floor = 11.0%



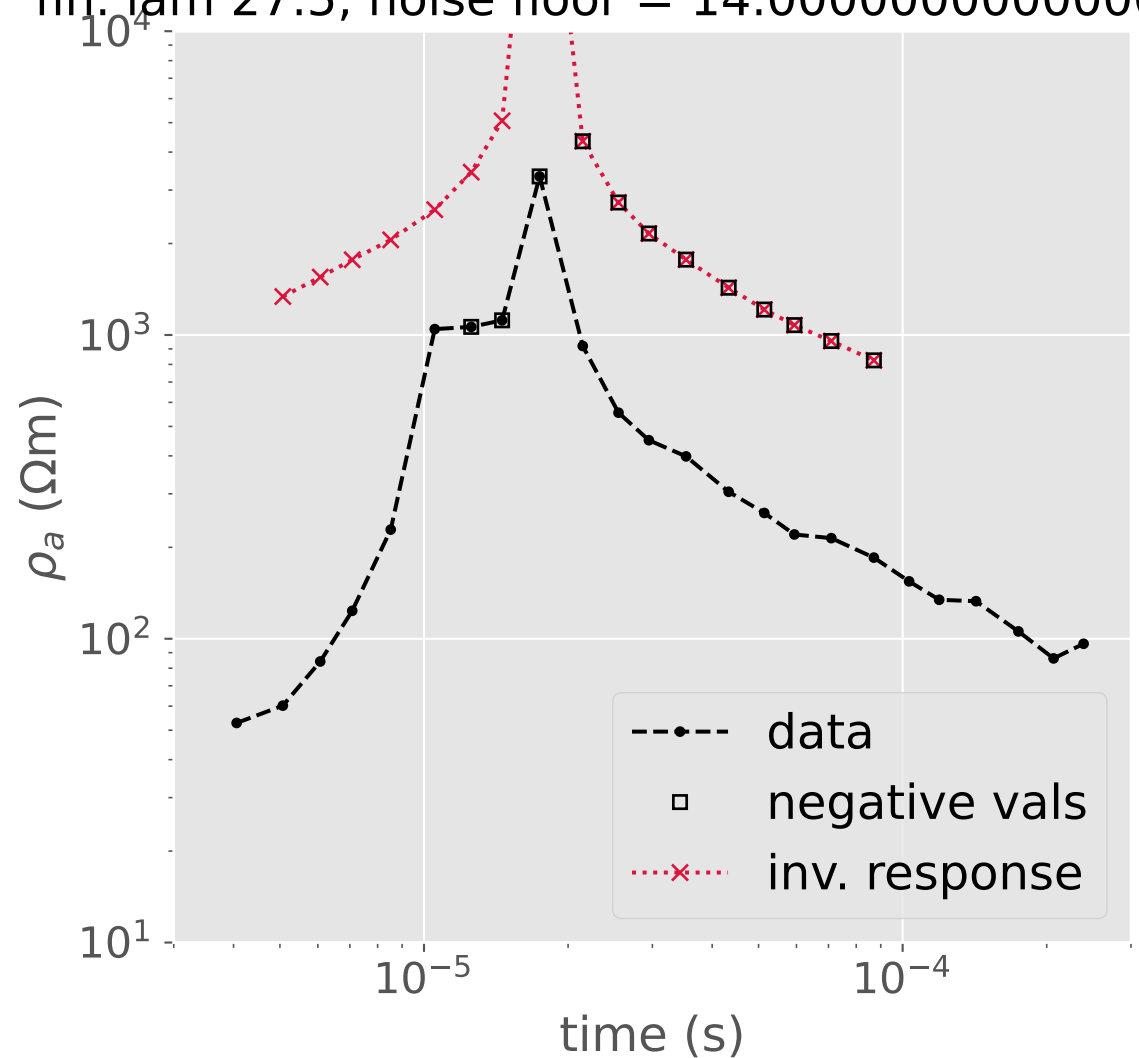


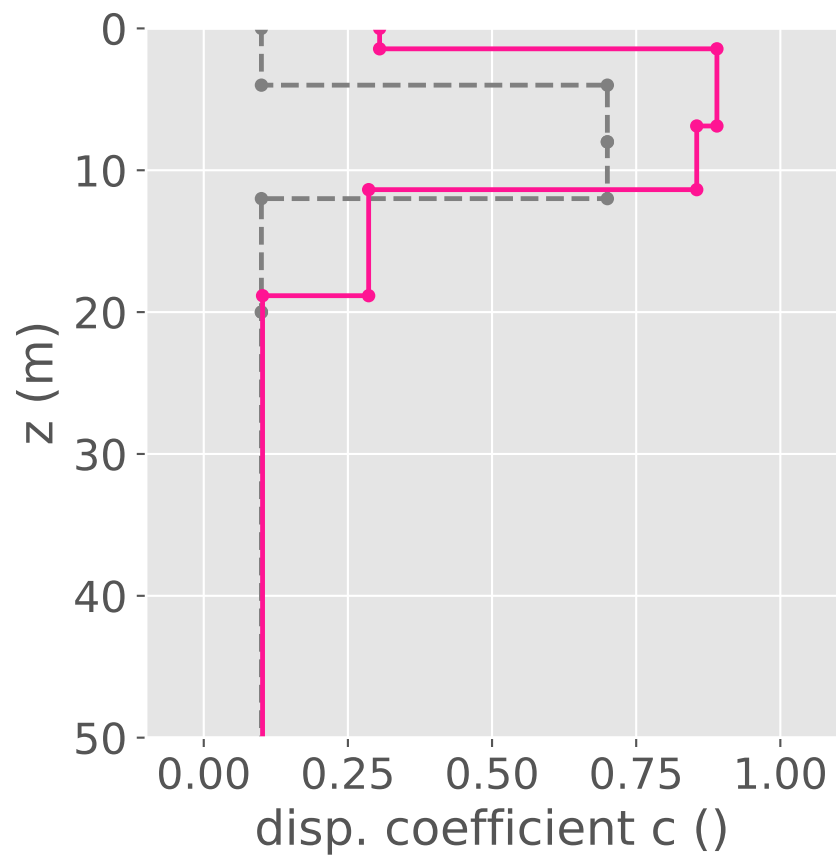
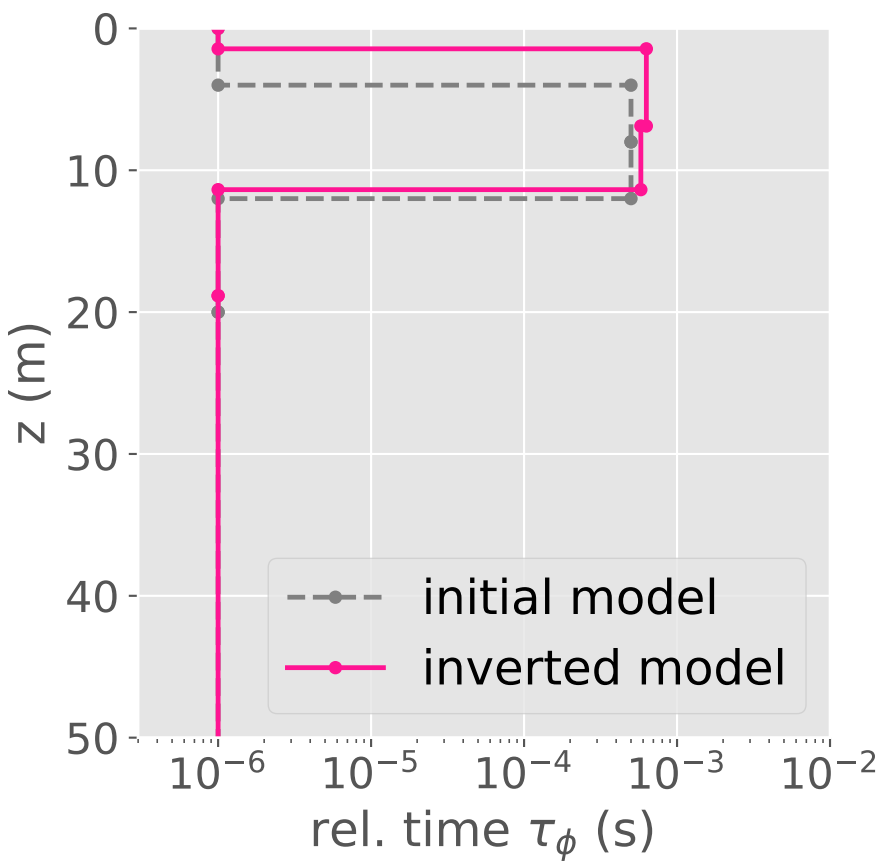
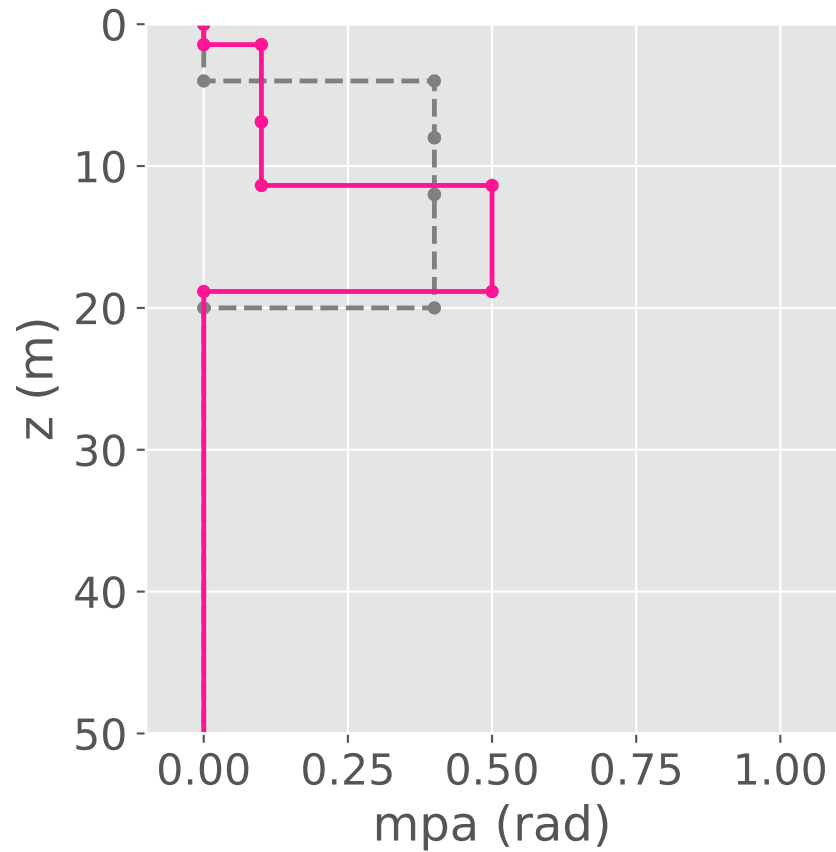
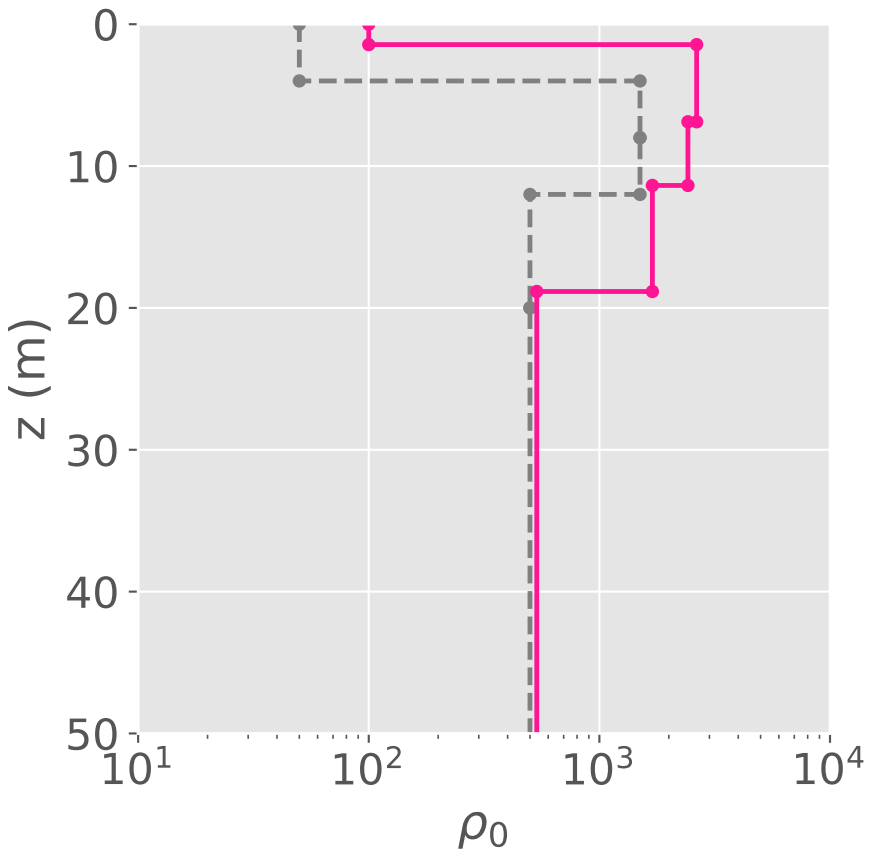


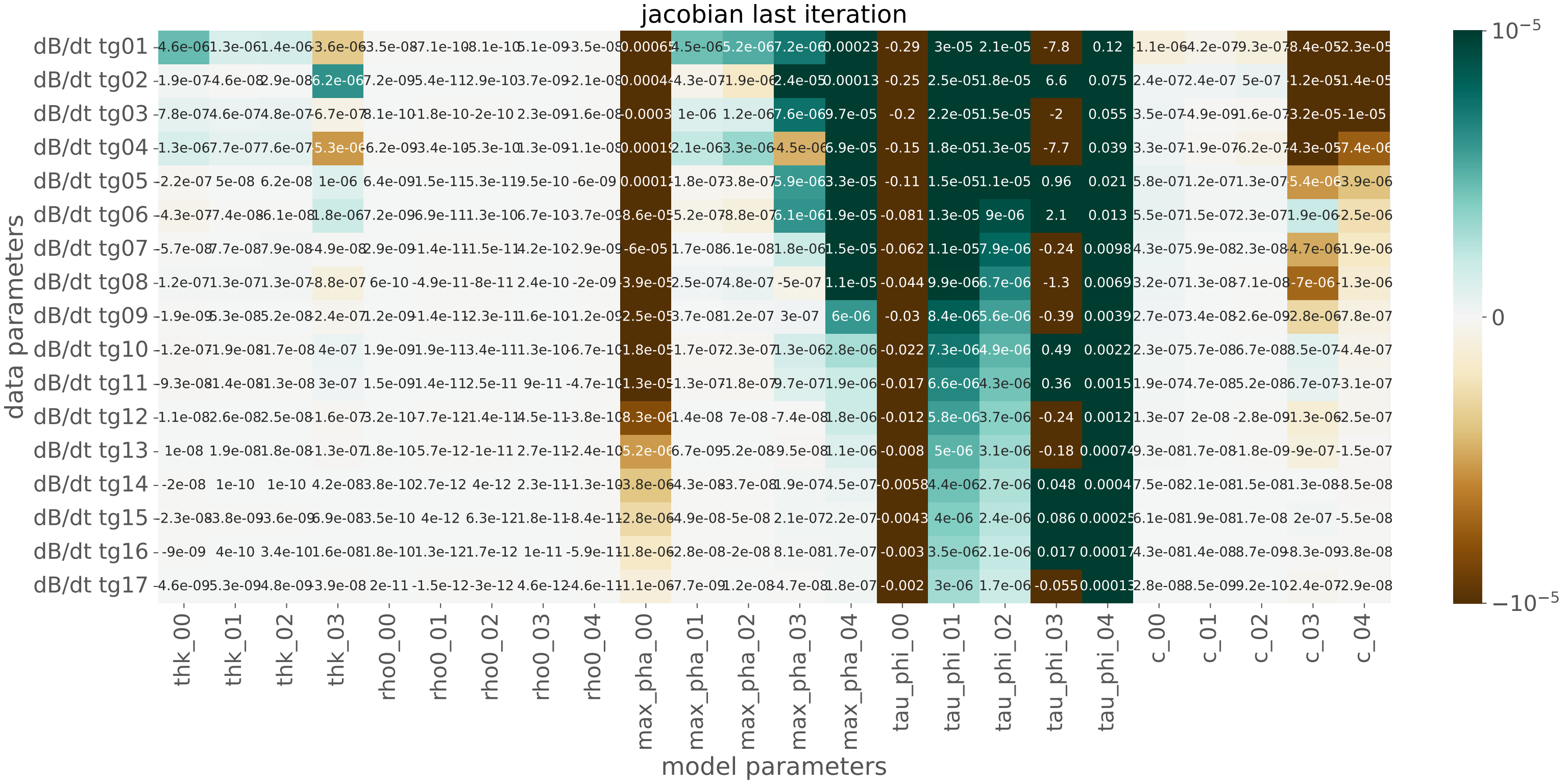
inv-run: 003, sndID: B044
chi2 = 56.66, rrms = 105.39%



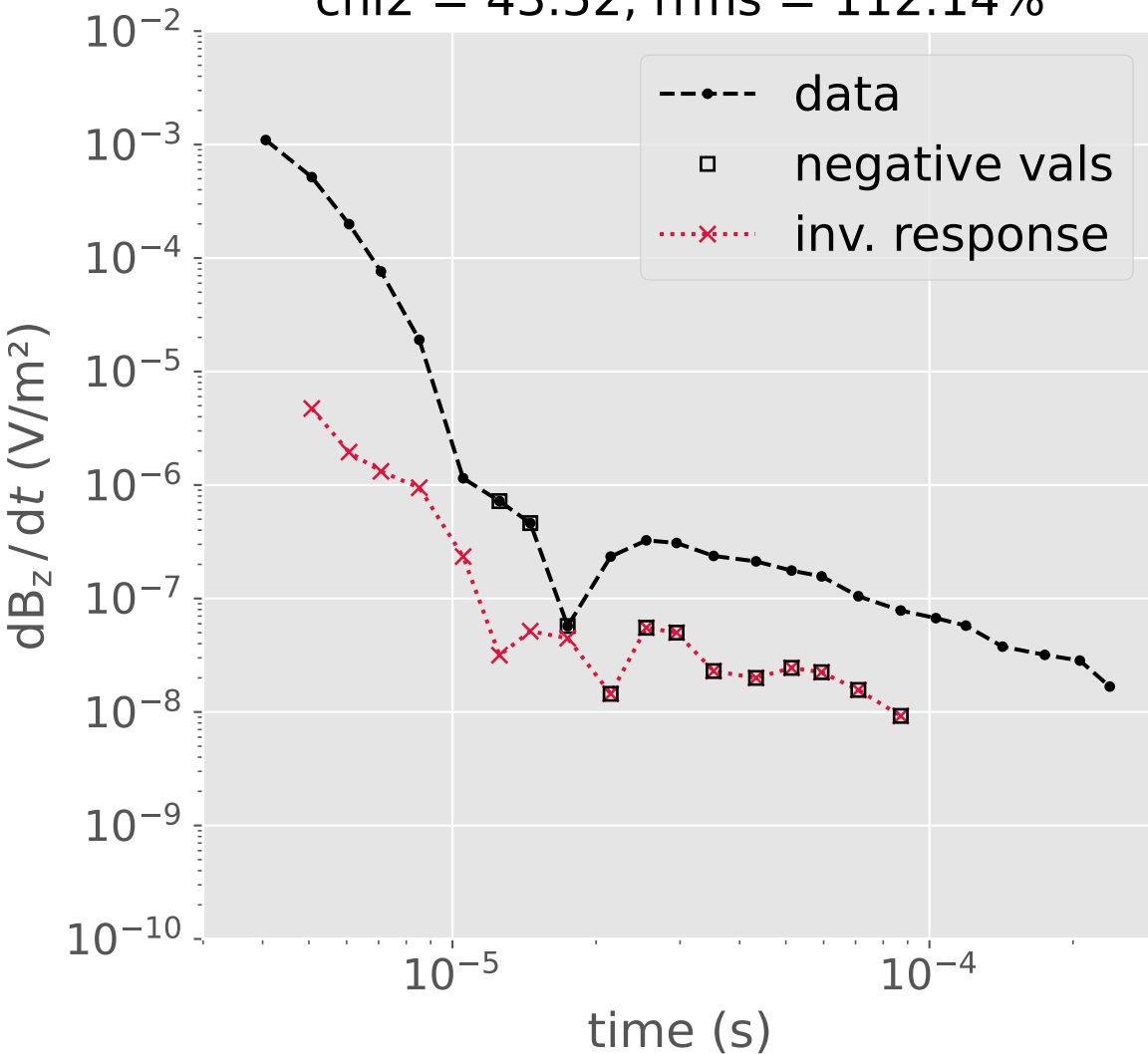
init. lam 500.0 cooling: 0.8, iters 12
fin. lam 27.5, noise floor = 14.000000000000000



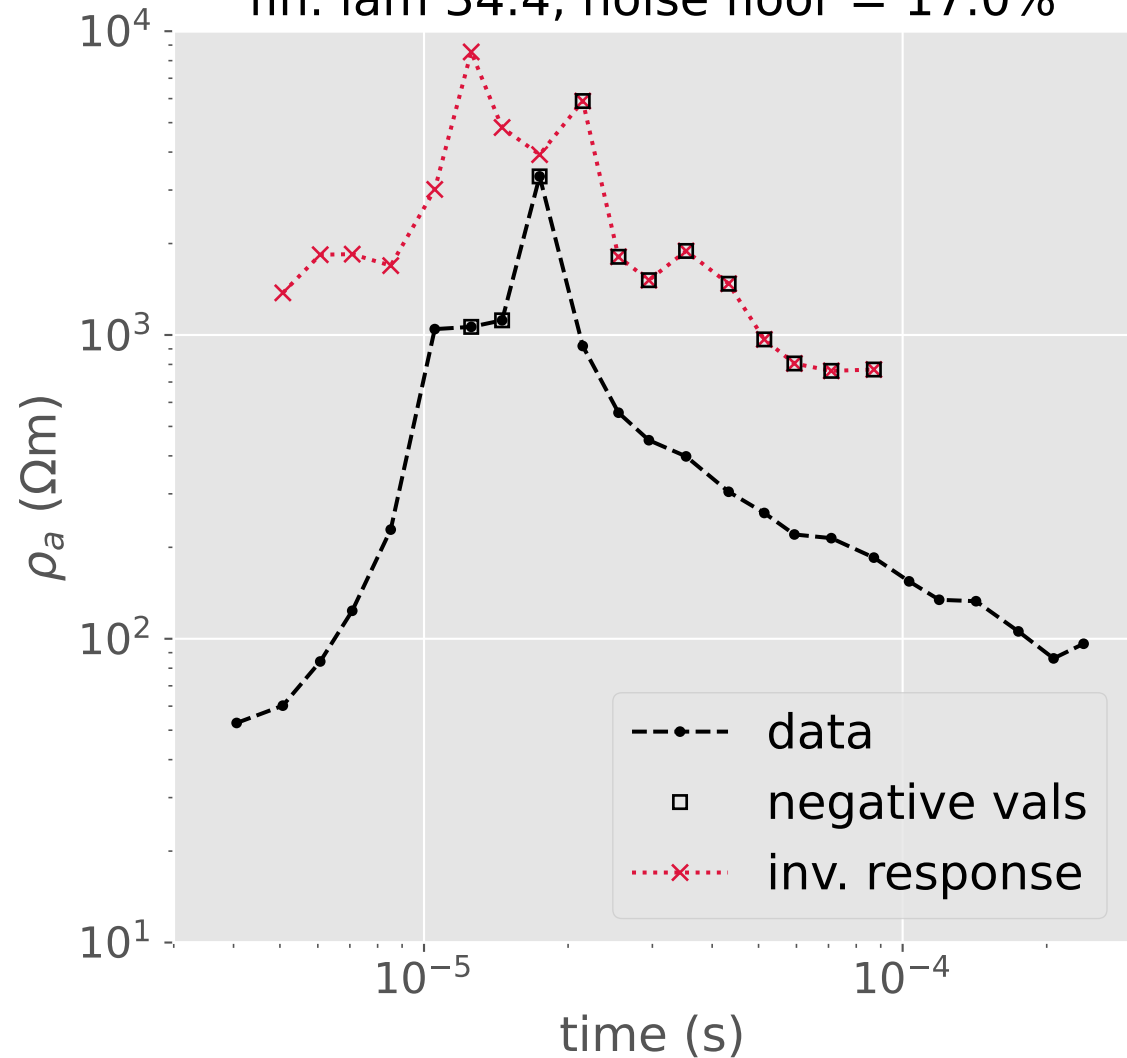


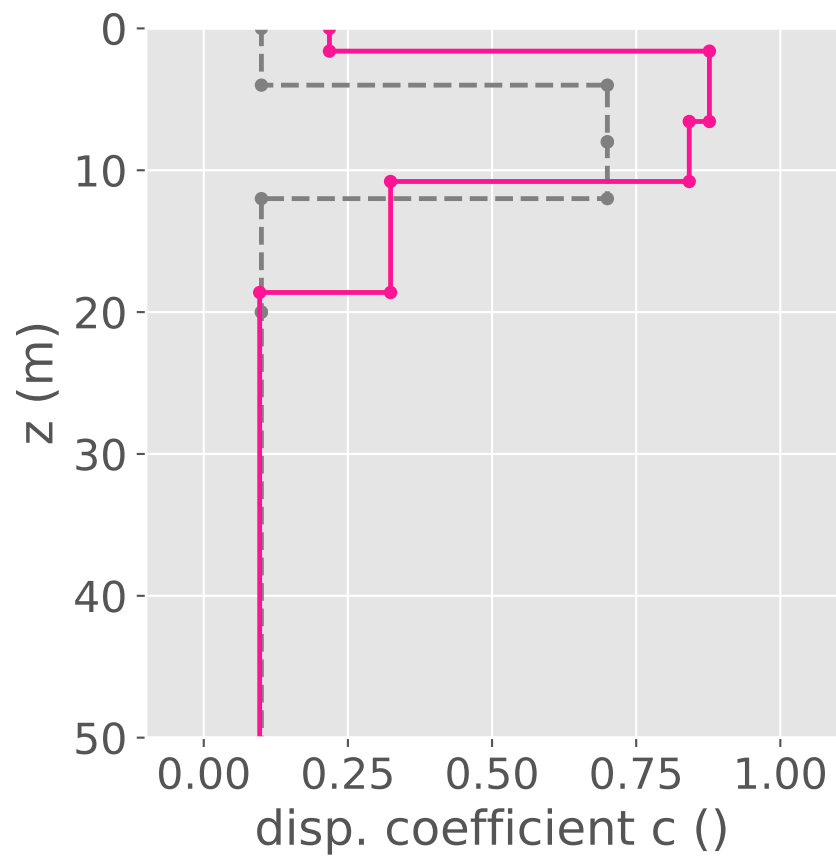
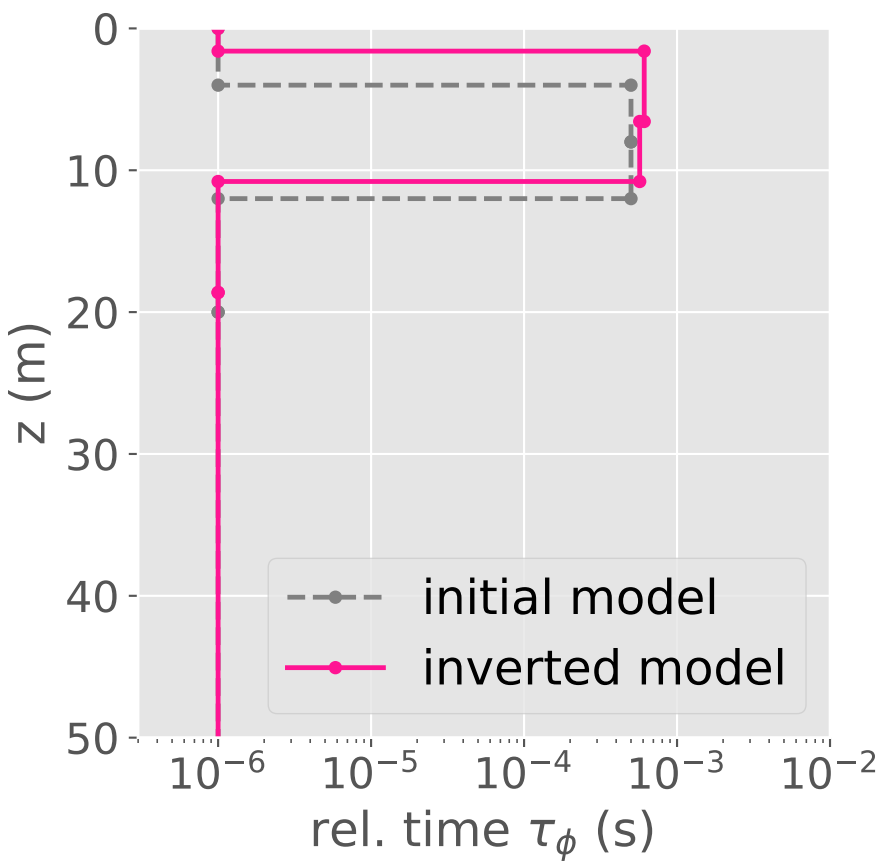
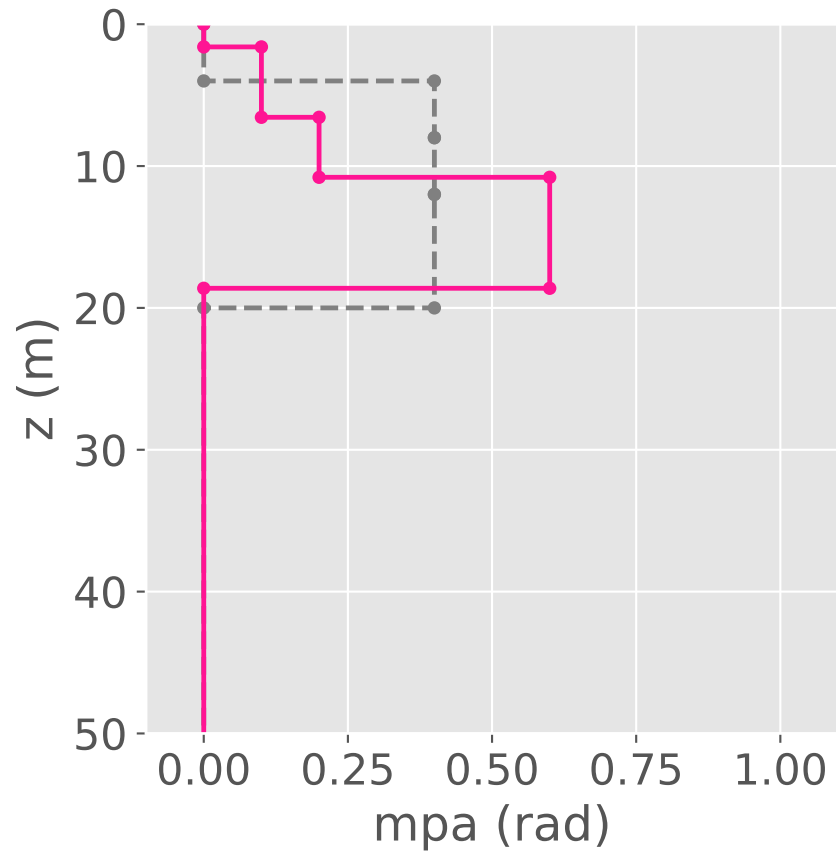
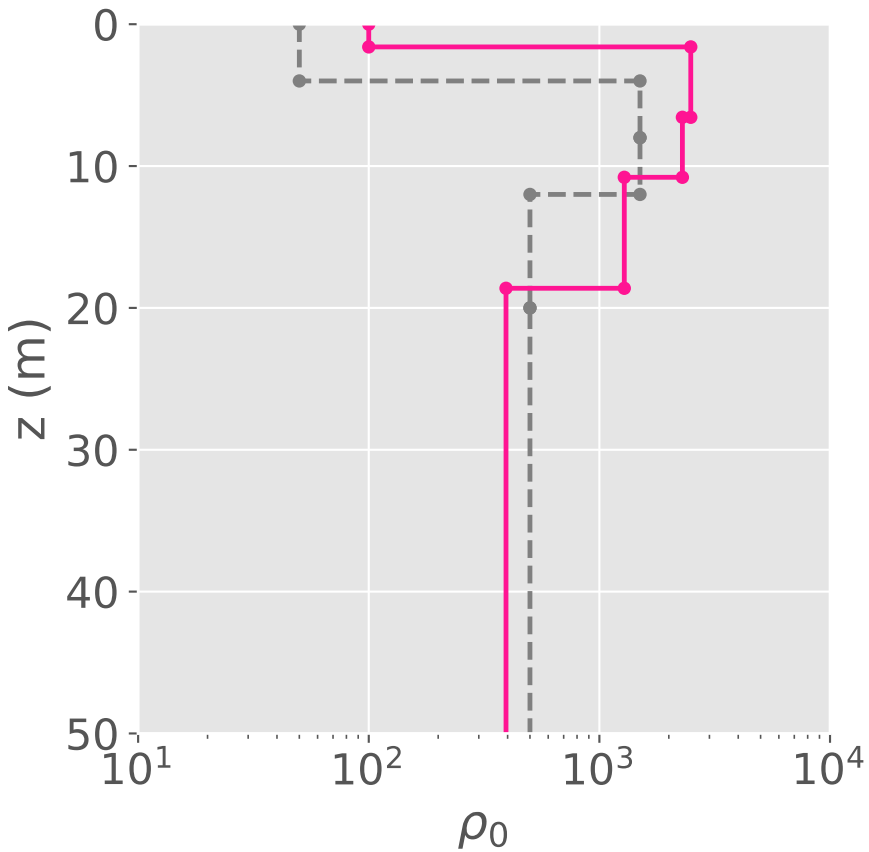


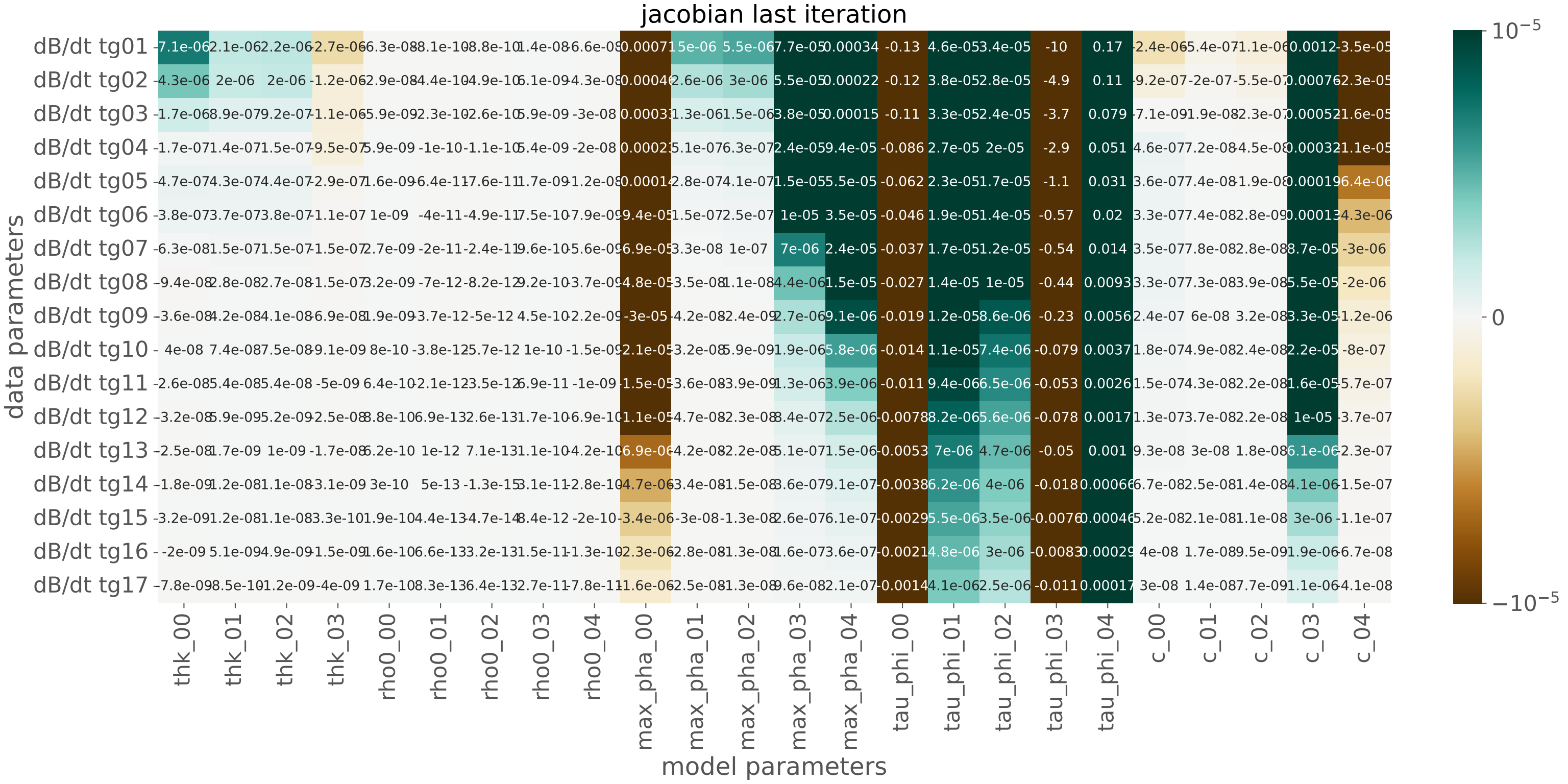
inv-run: 004, sndID: B044
chi2 = 43.52, rrms = 112.14%



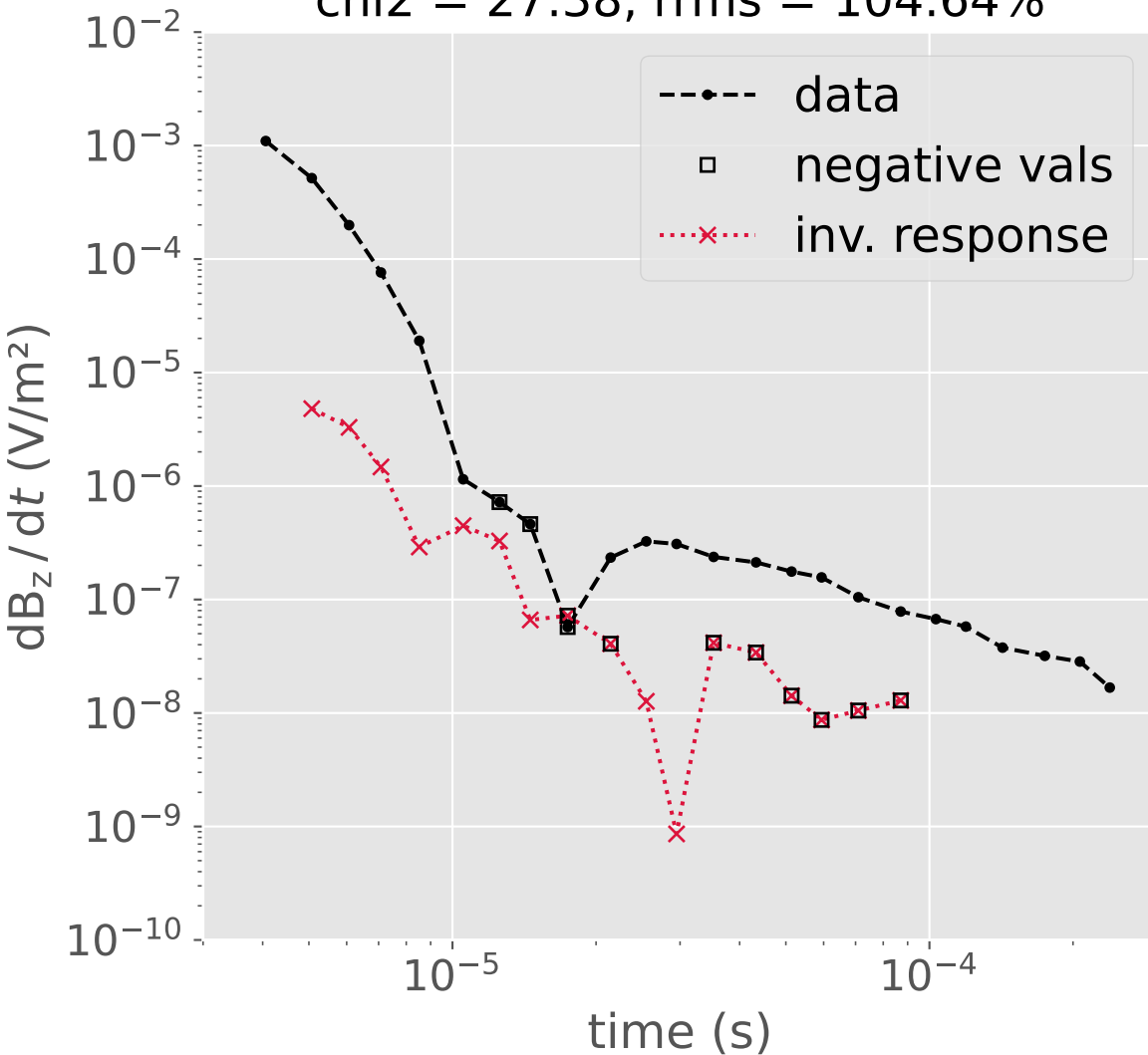
init. lam 500.0 cooling: 0.8, iters 11
fin. lam 34.4, noise floor = 17.0%



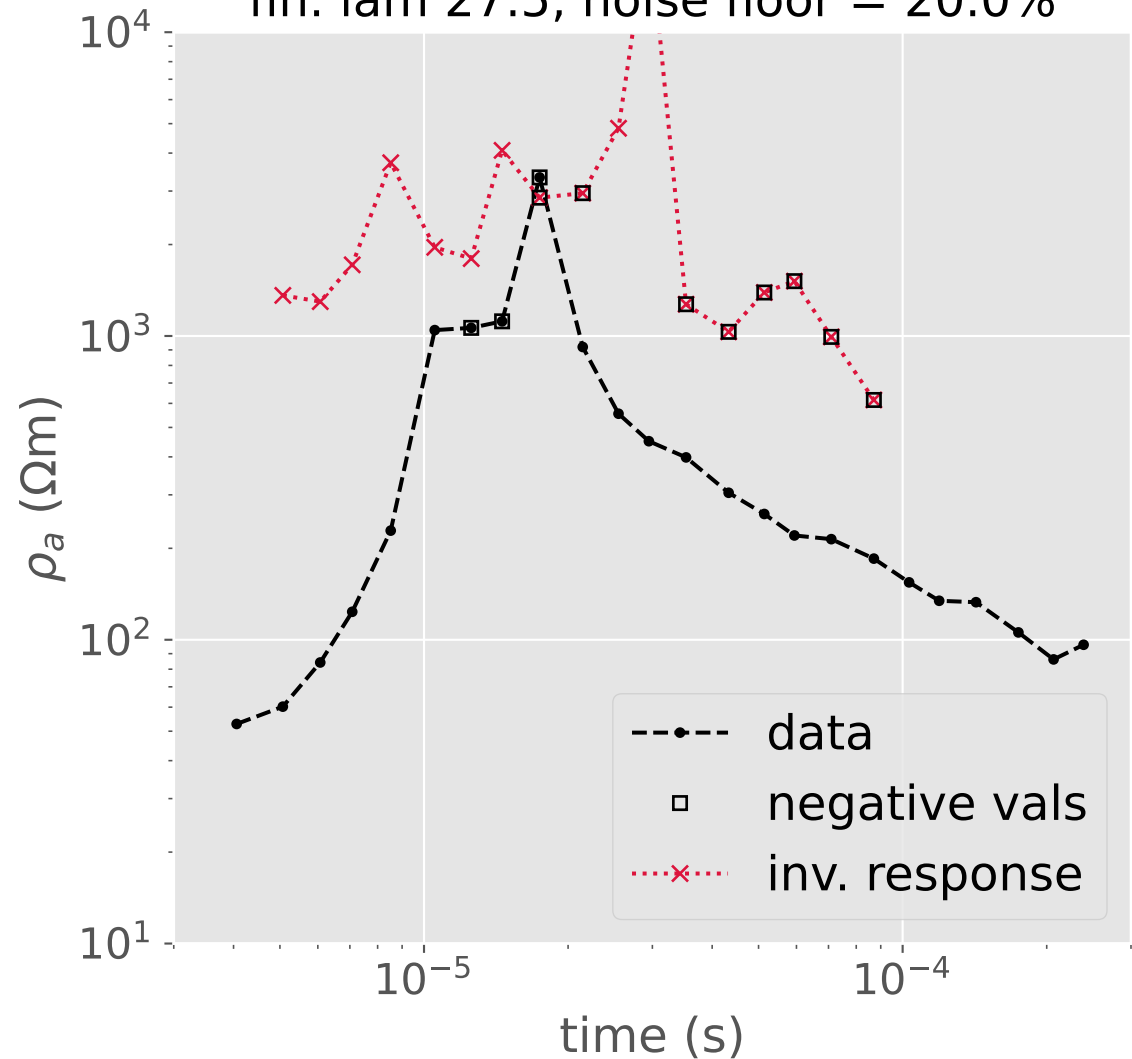


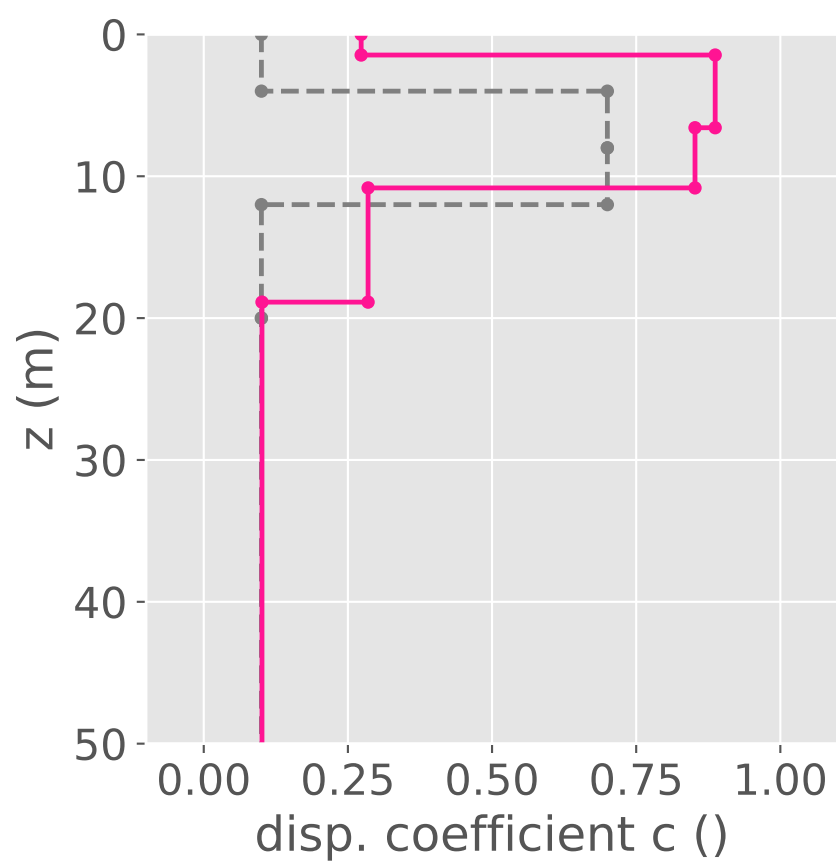
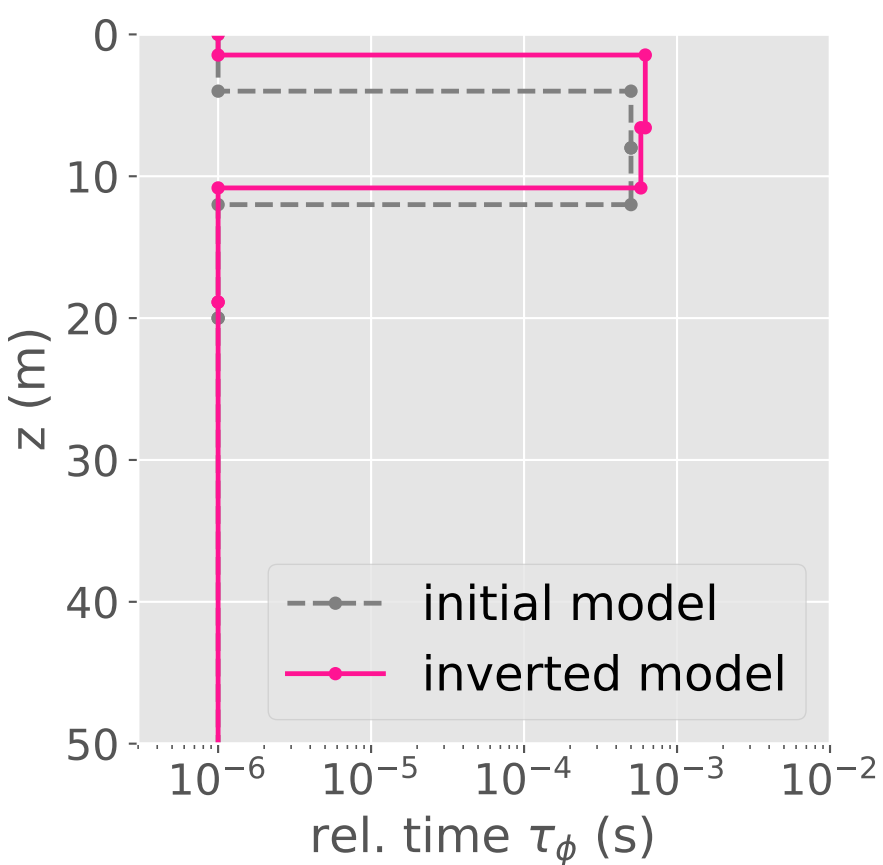
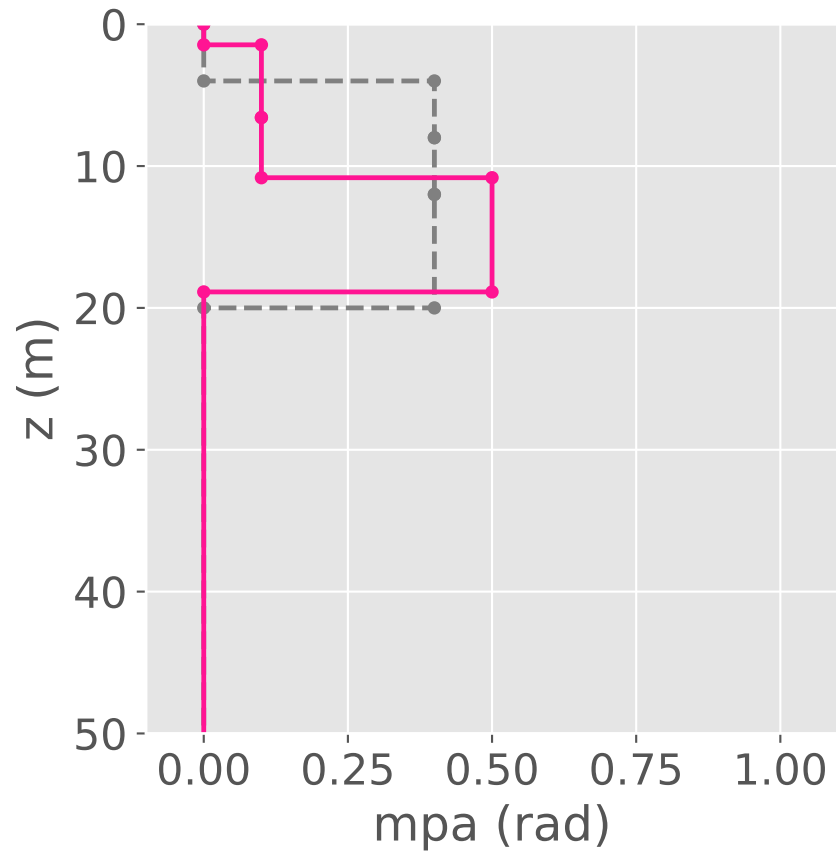
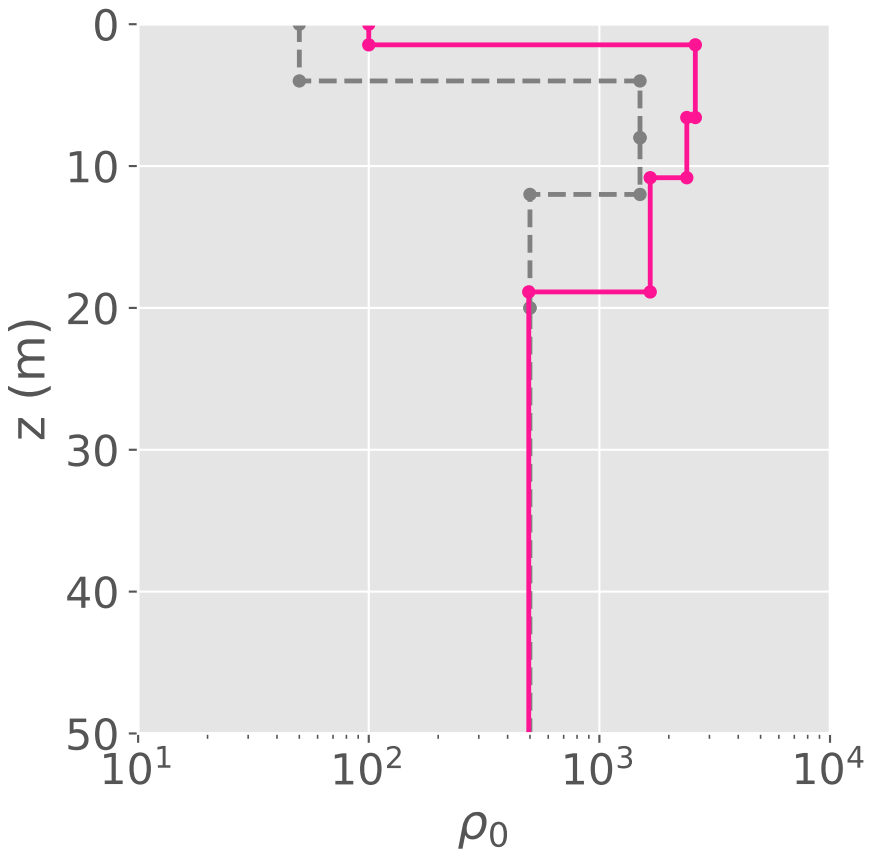


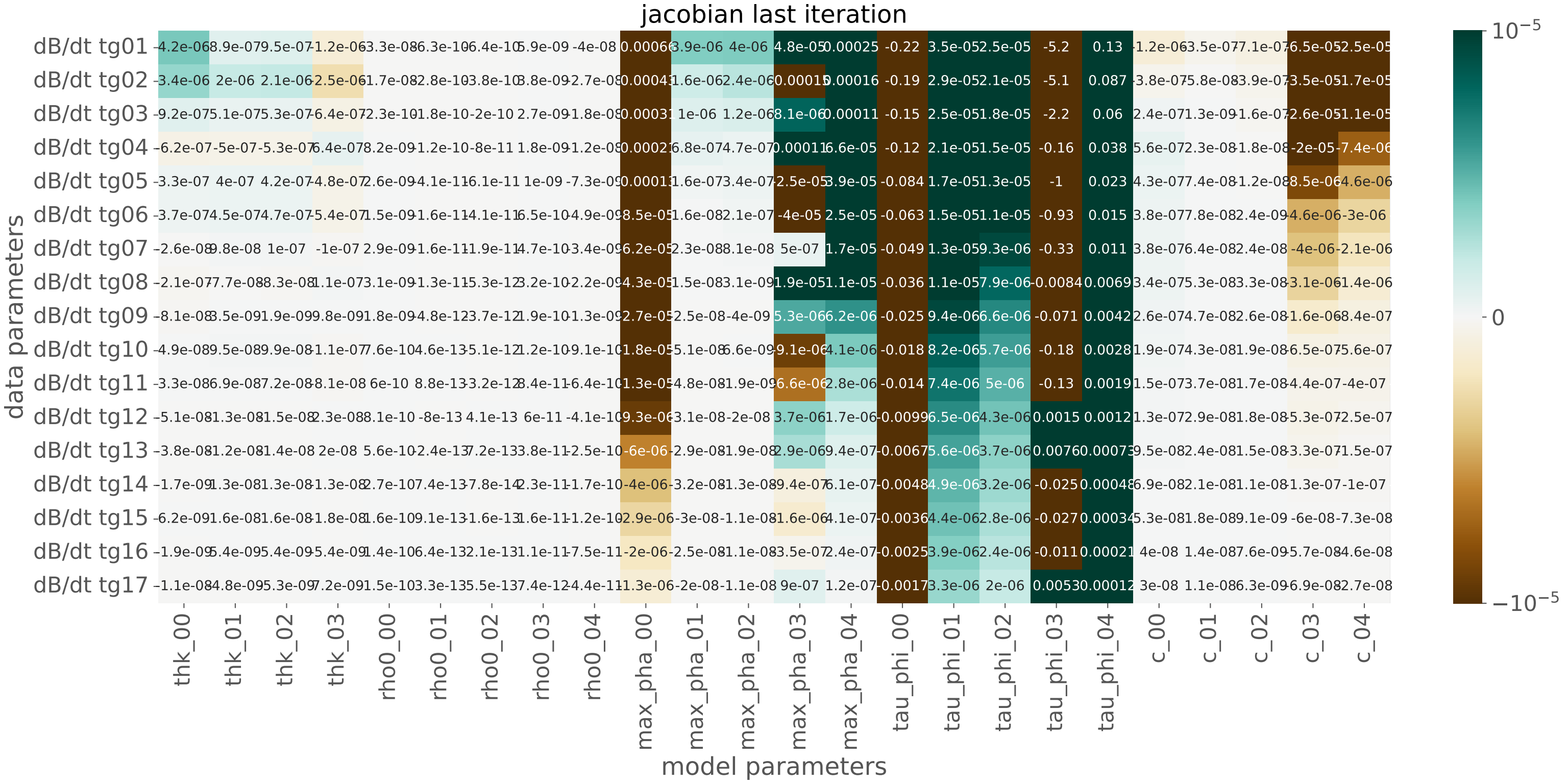
inv-run: 005, sndID: B044
chi2 = 27.38, rrms = 104.64%



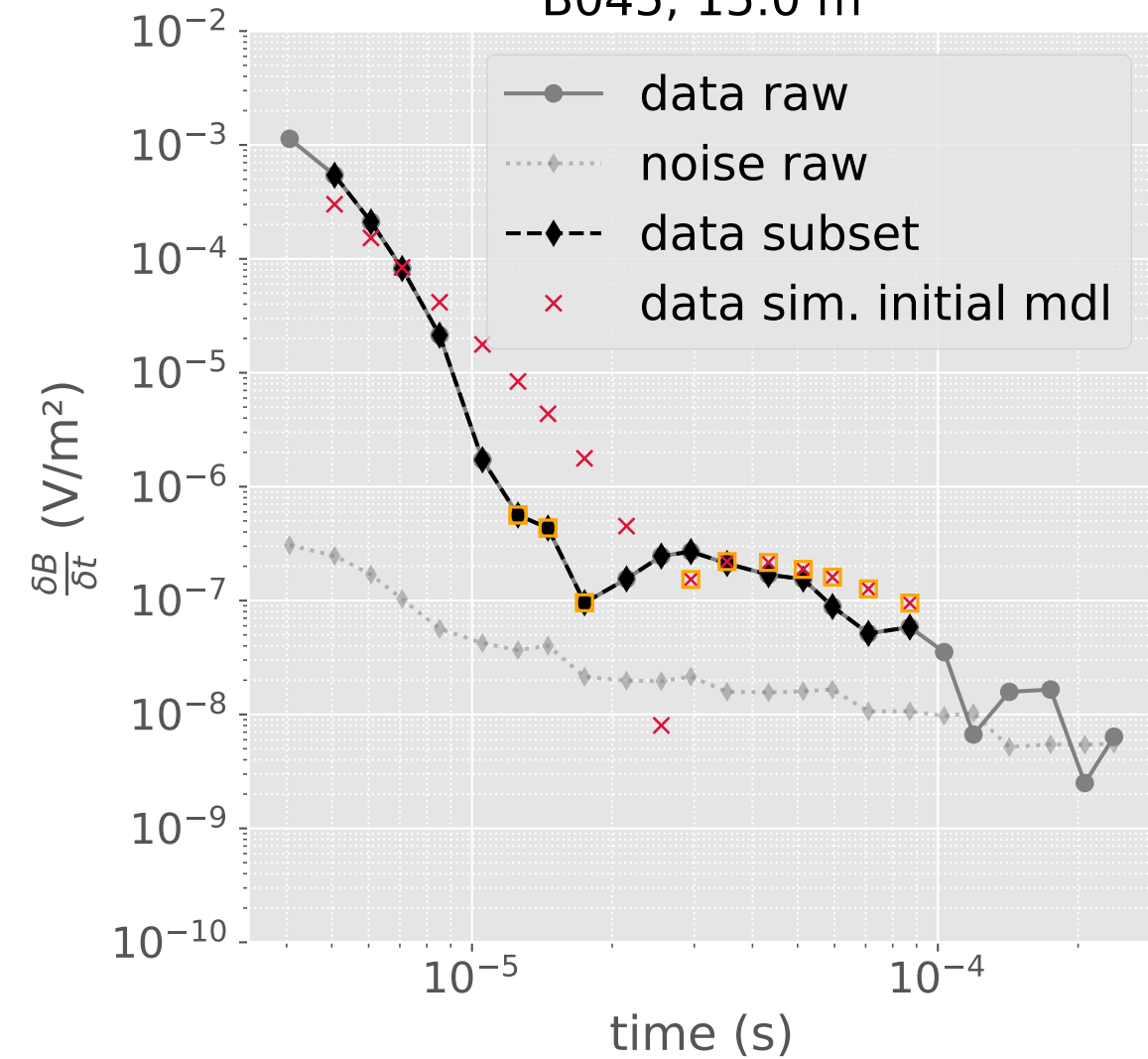
init. lam 500.0 cooling: 0.8, iters 12
fin. lam 27.5, noise floor = 20.0%



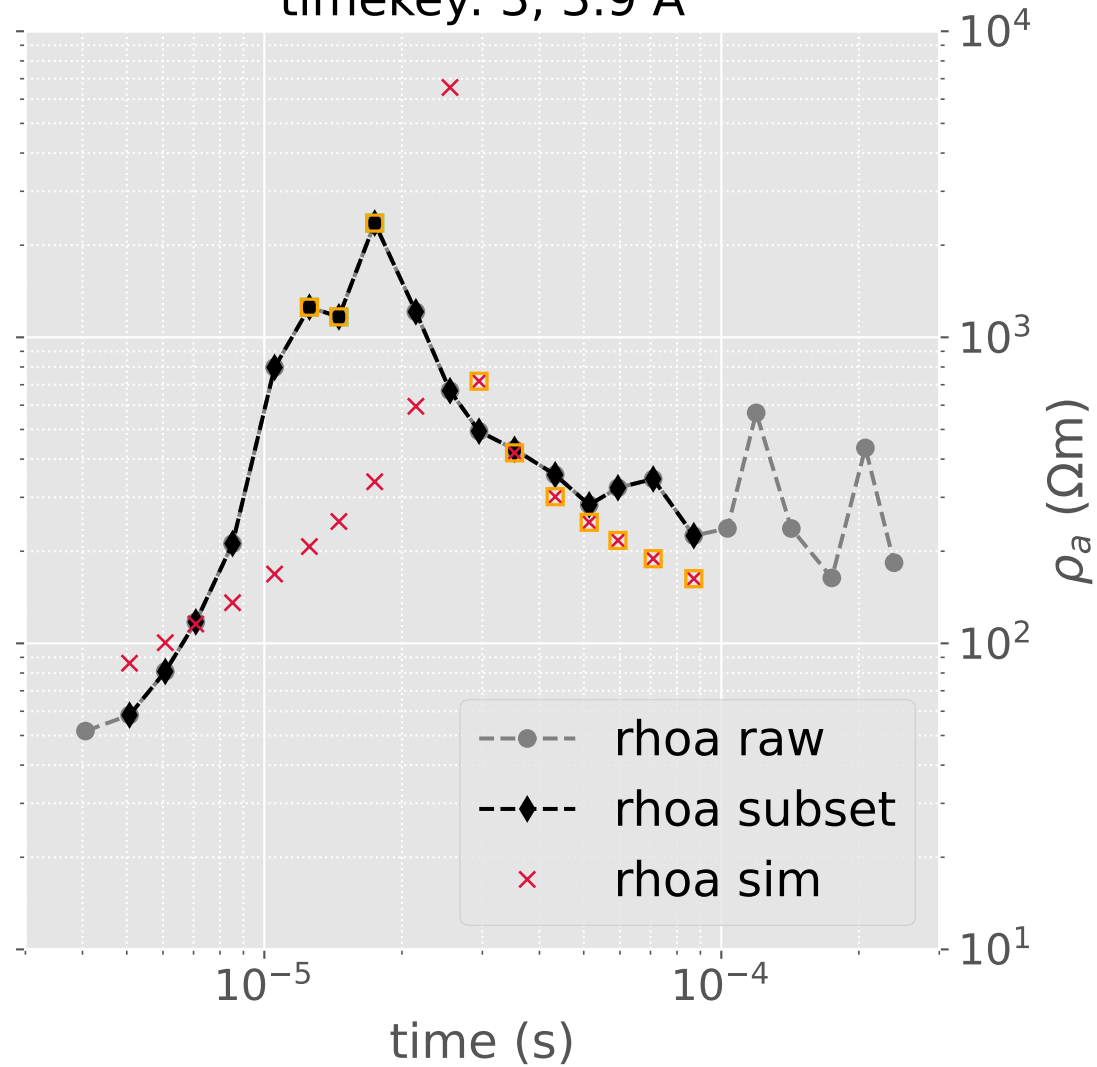




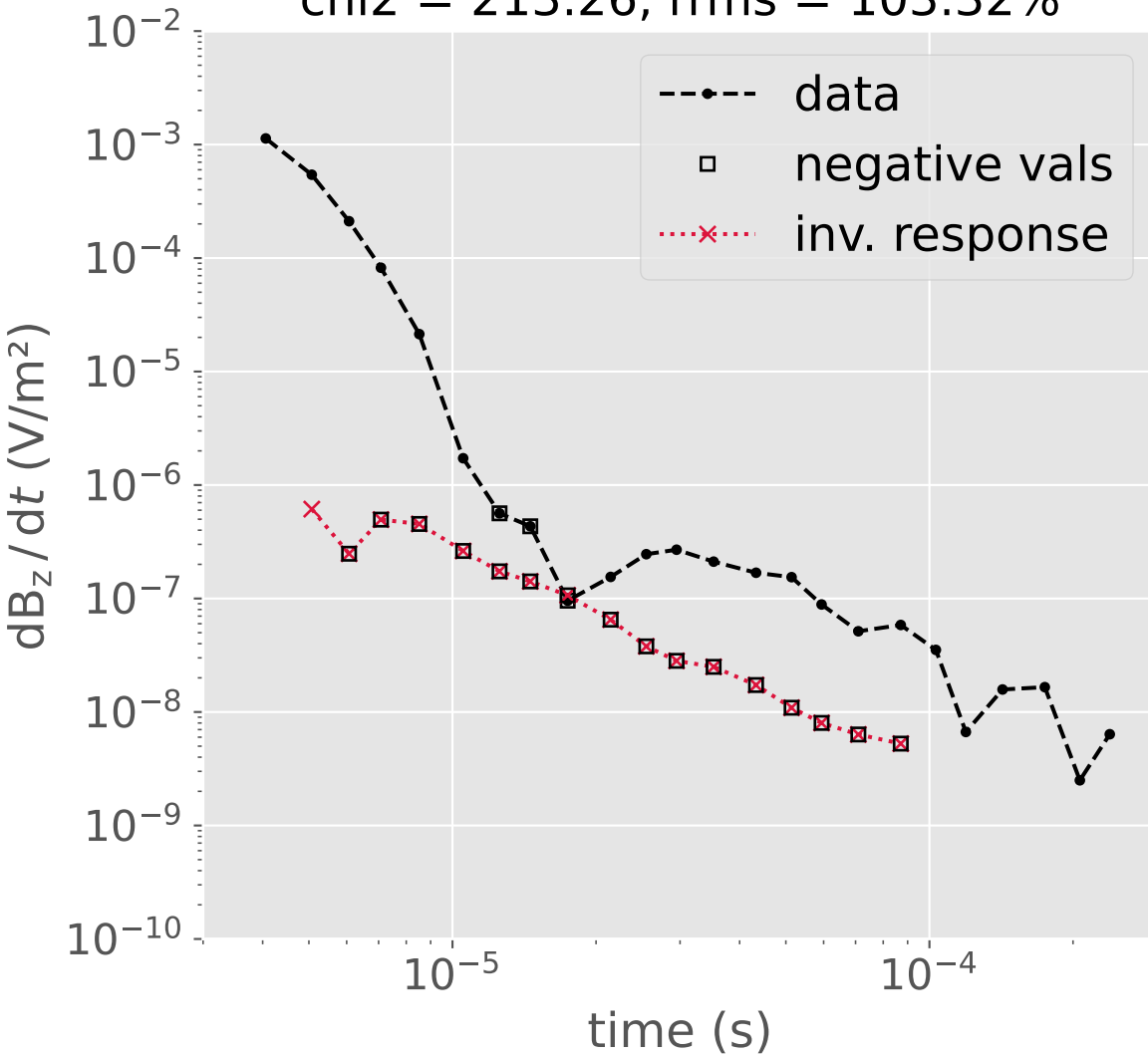
B045, 15.0 m



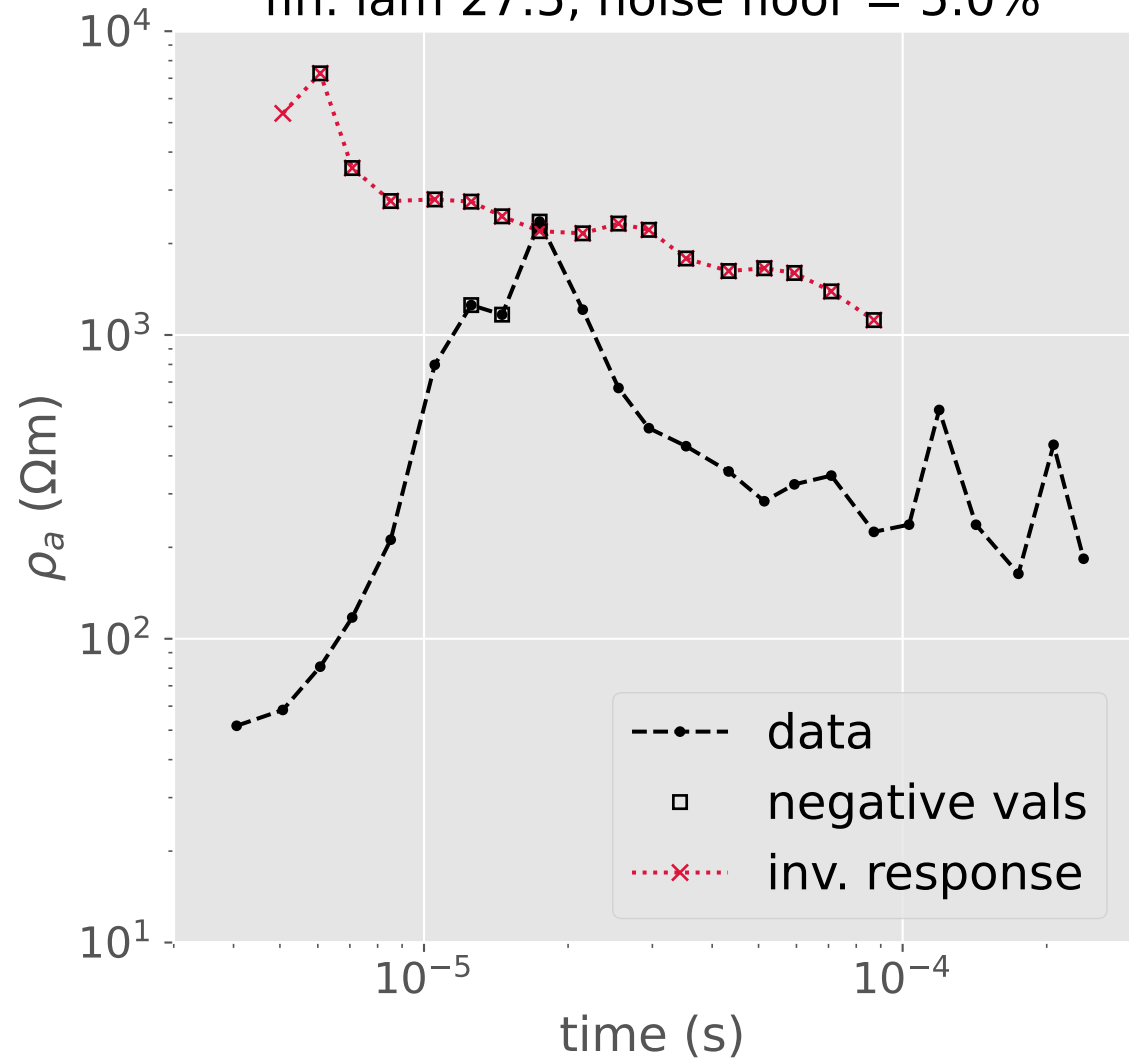
timekey: 3, 3.9 A

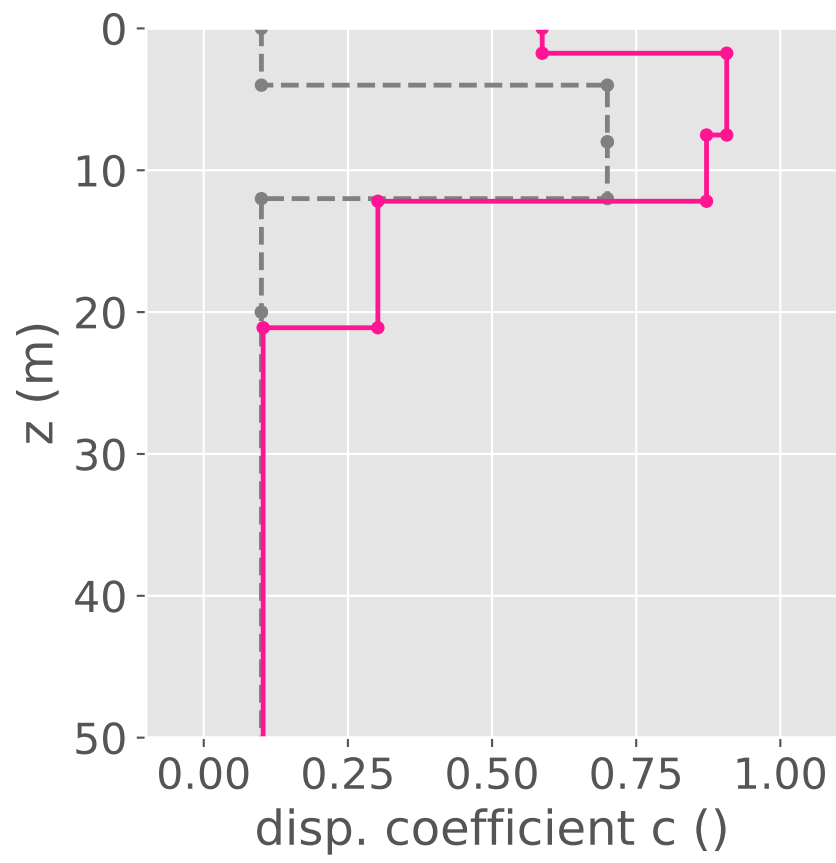
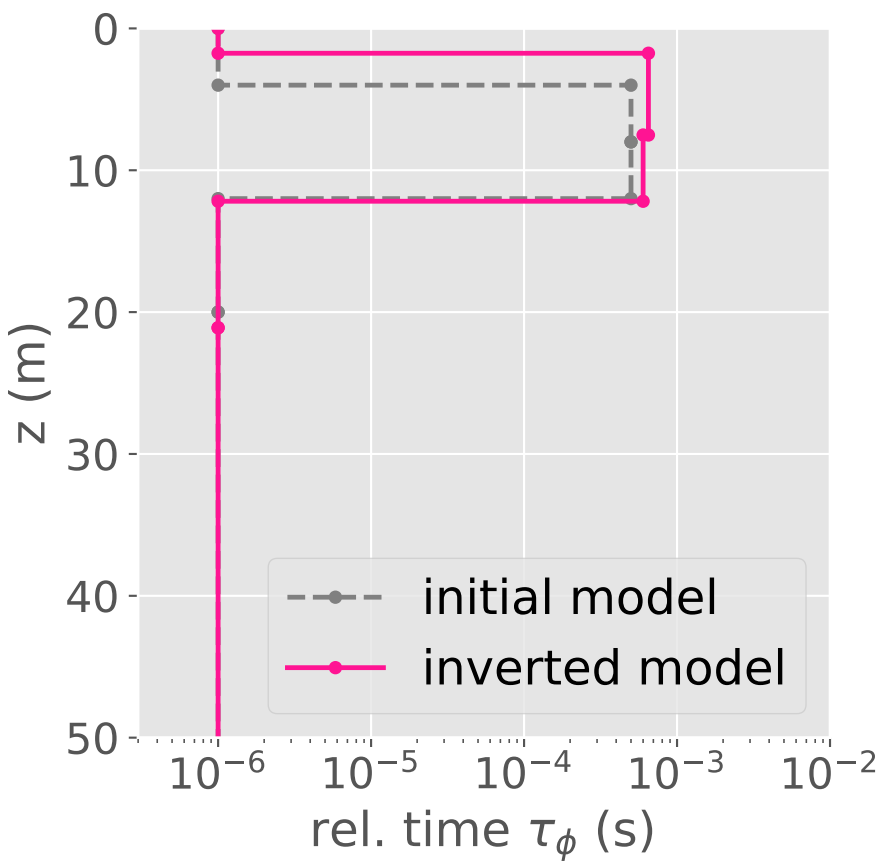
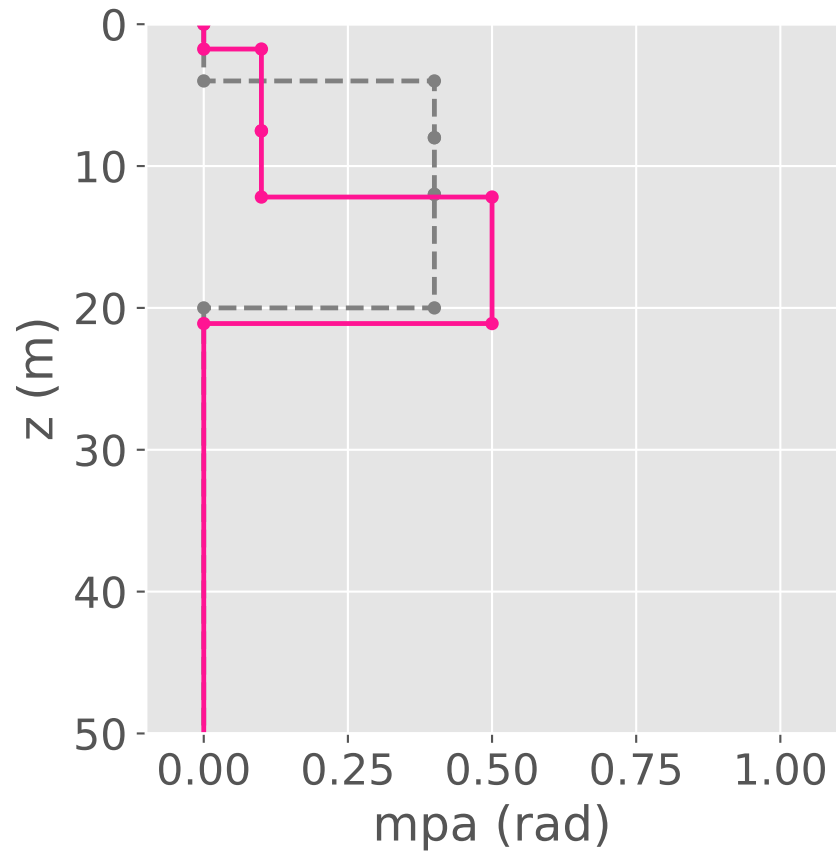
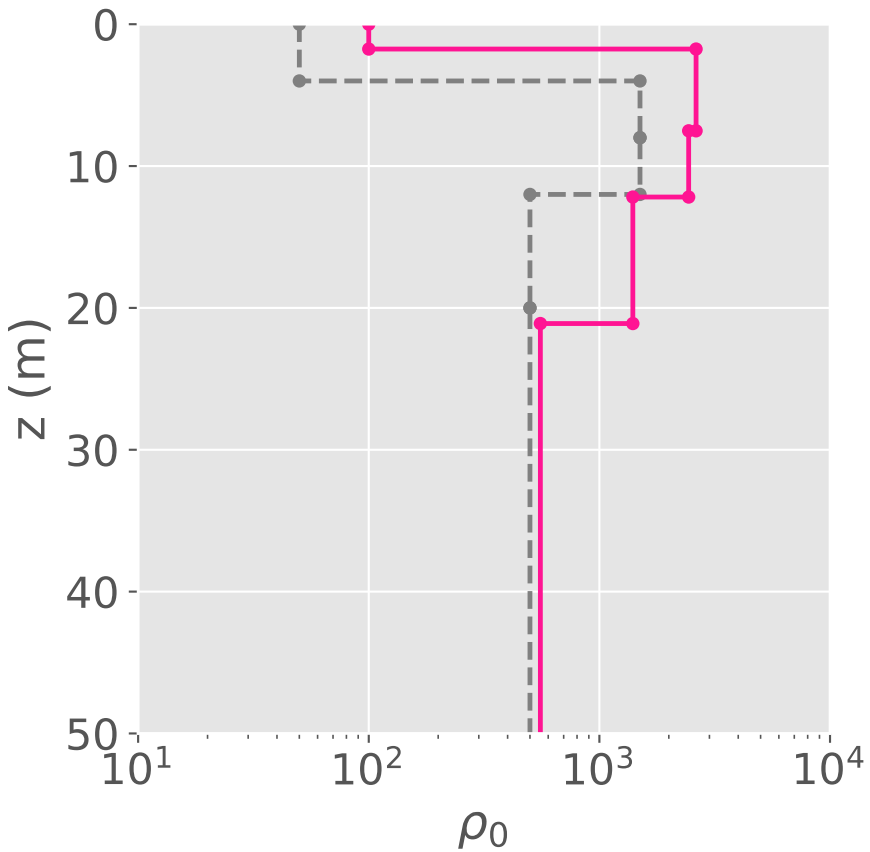


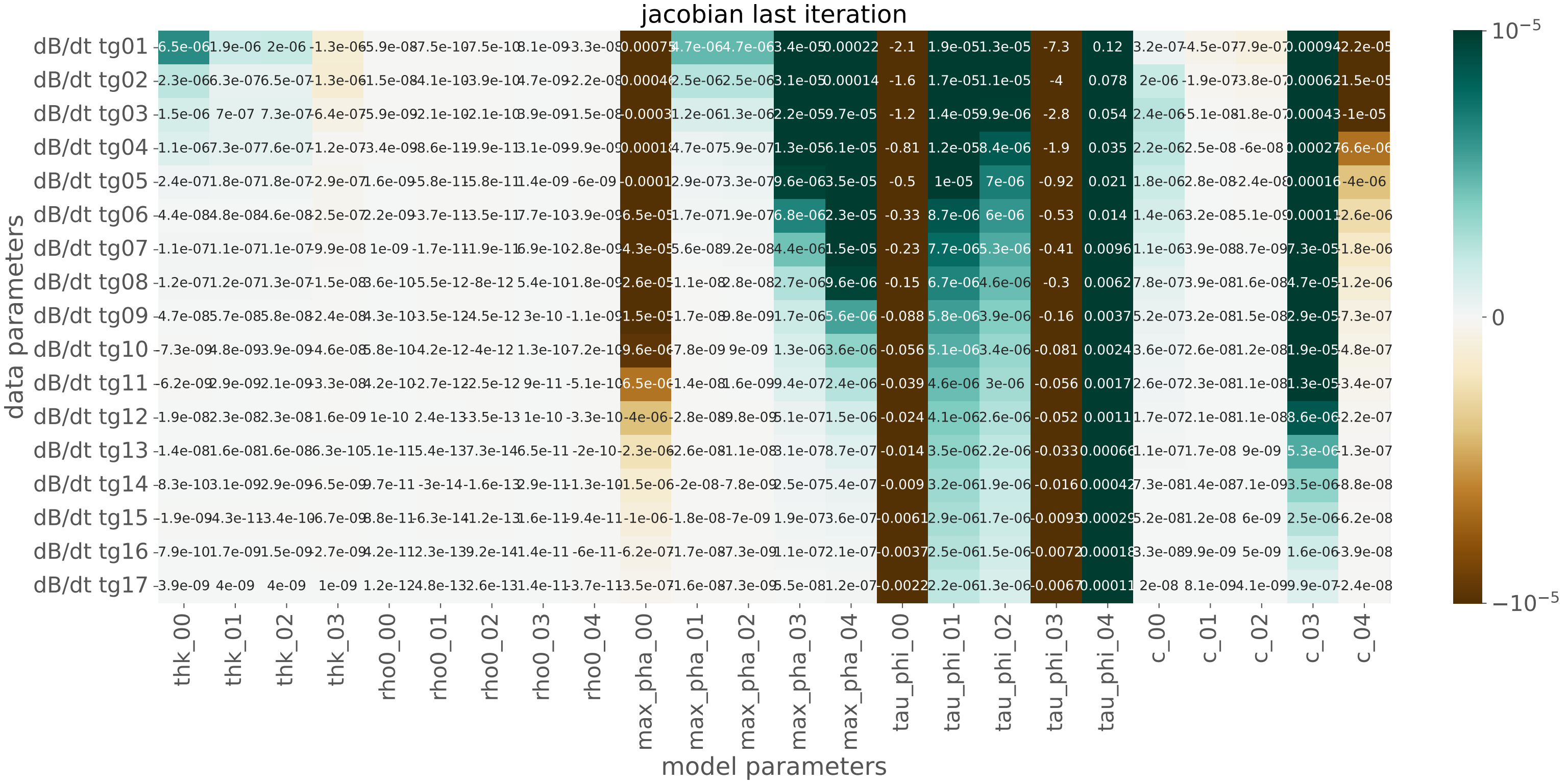
inv-run: 000, sndID: B045
chi2 = 213.26, rrms = 103.32%

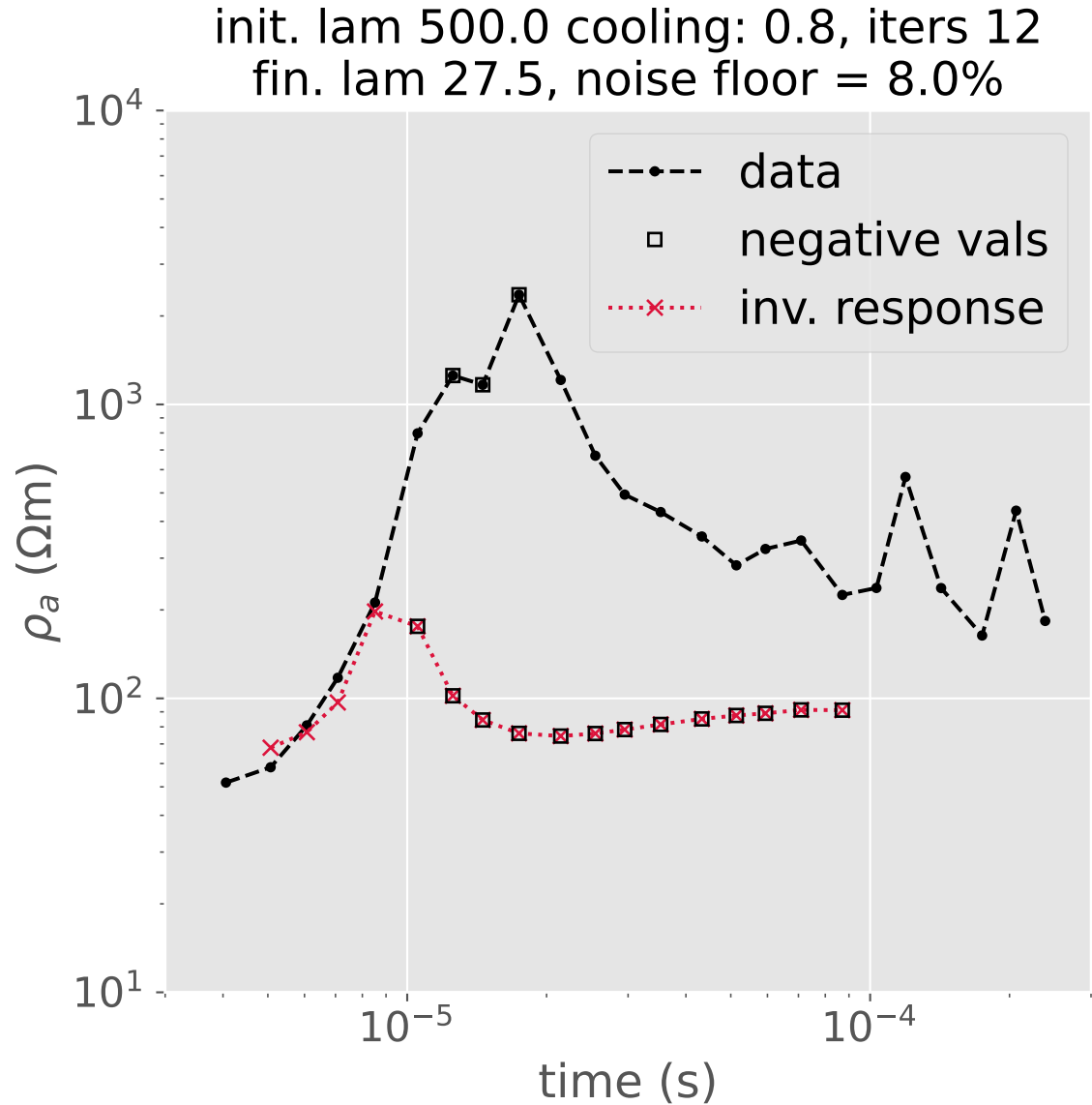
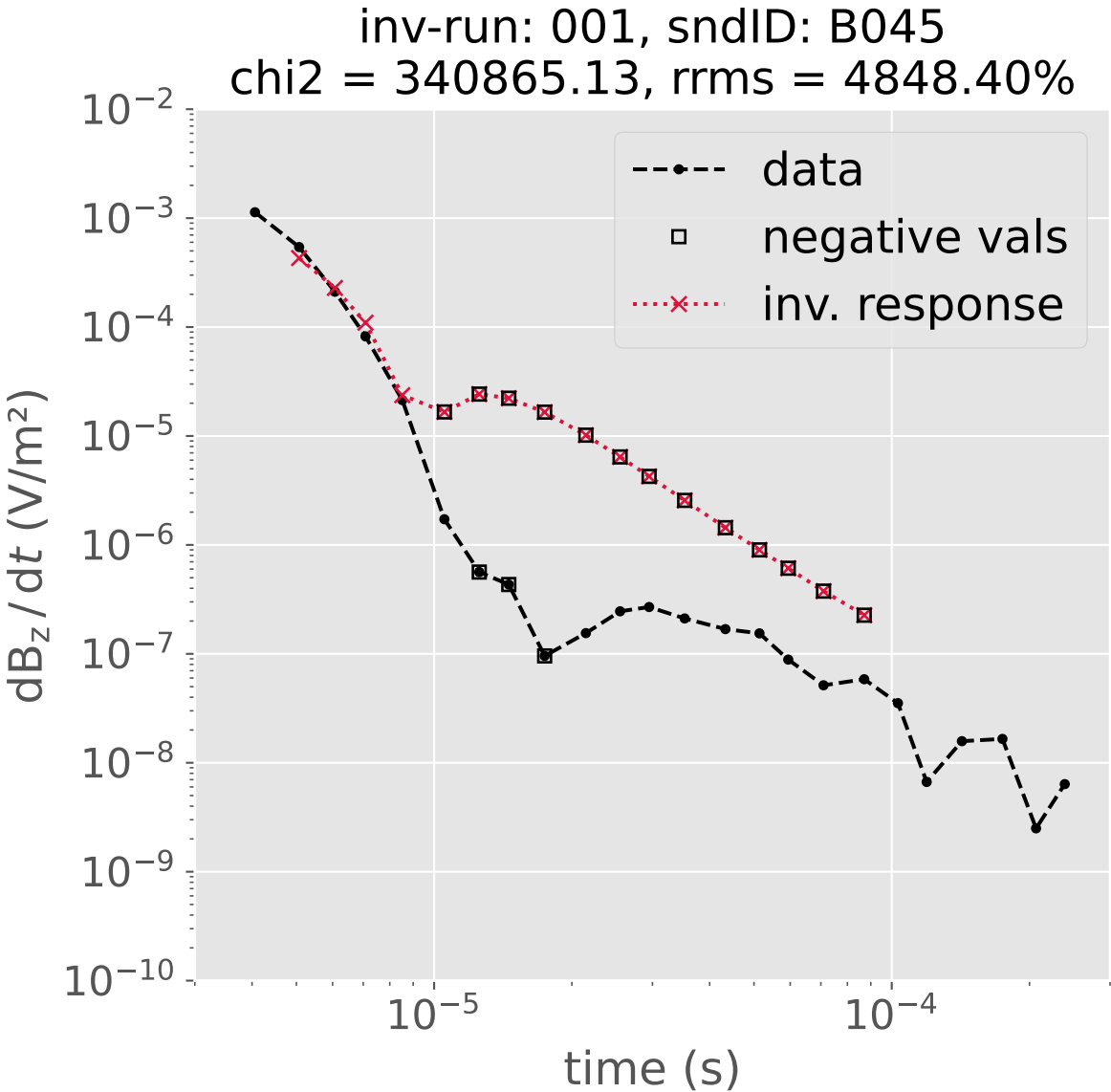


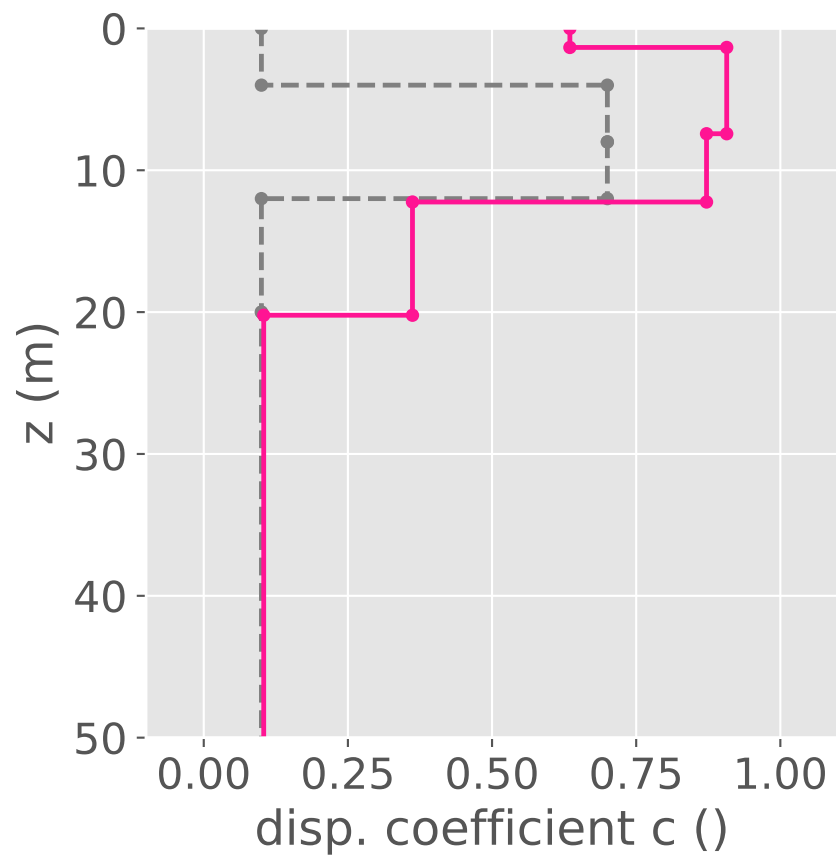
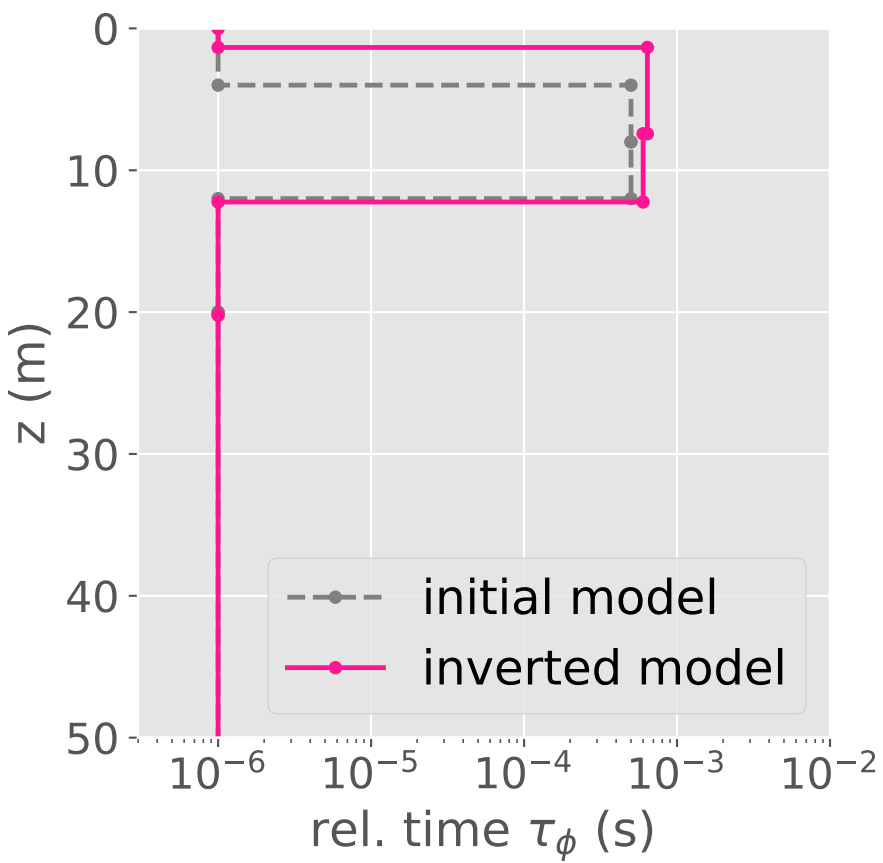
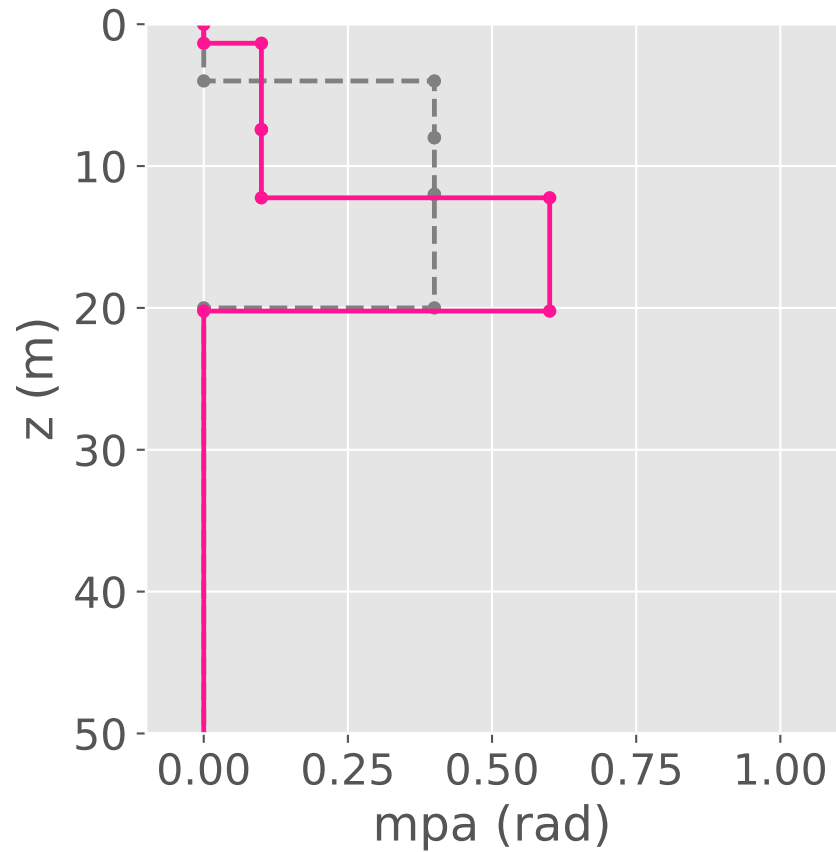
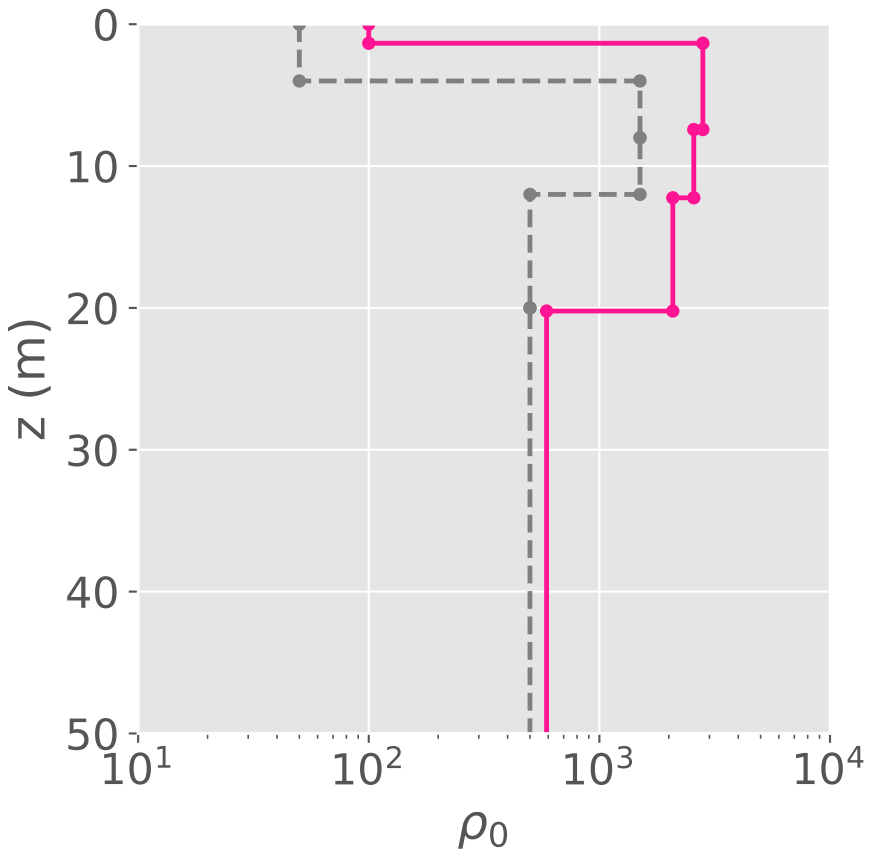
init. lam 500.0 cooling: 0.8, iters 12
fin. lam 27.5, noise floor = 5.0%

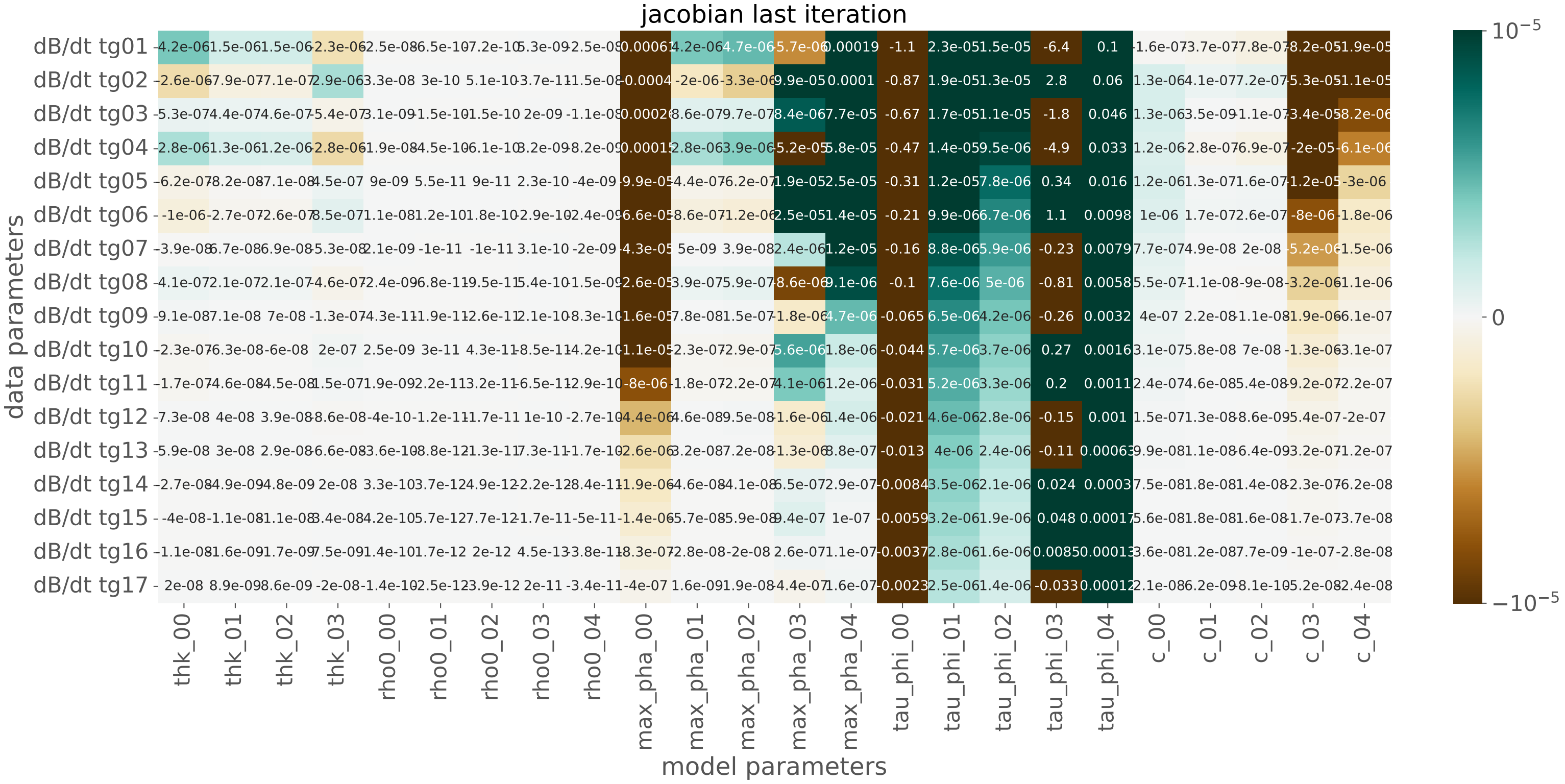




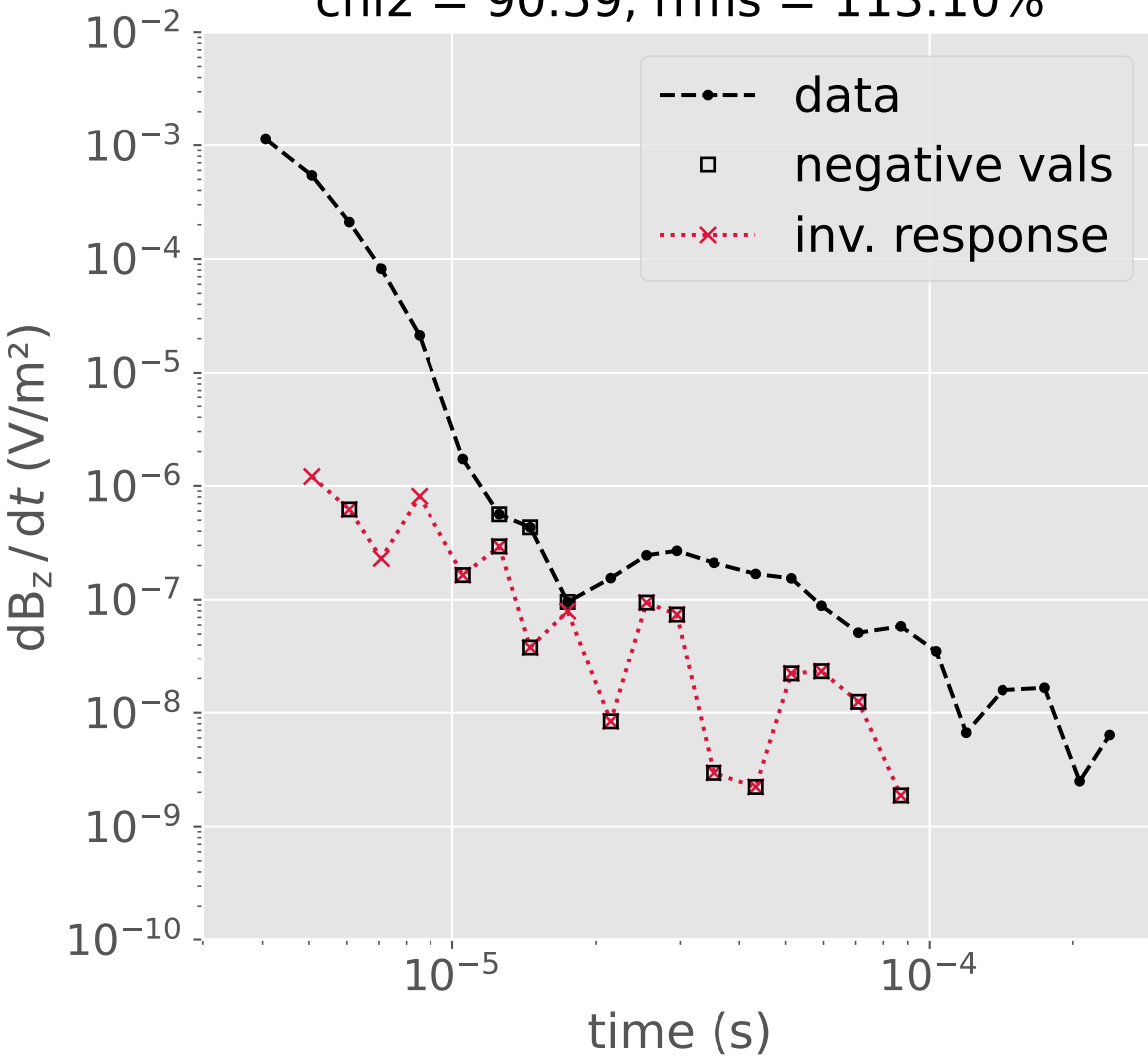




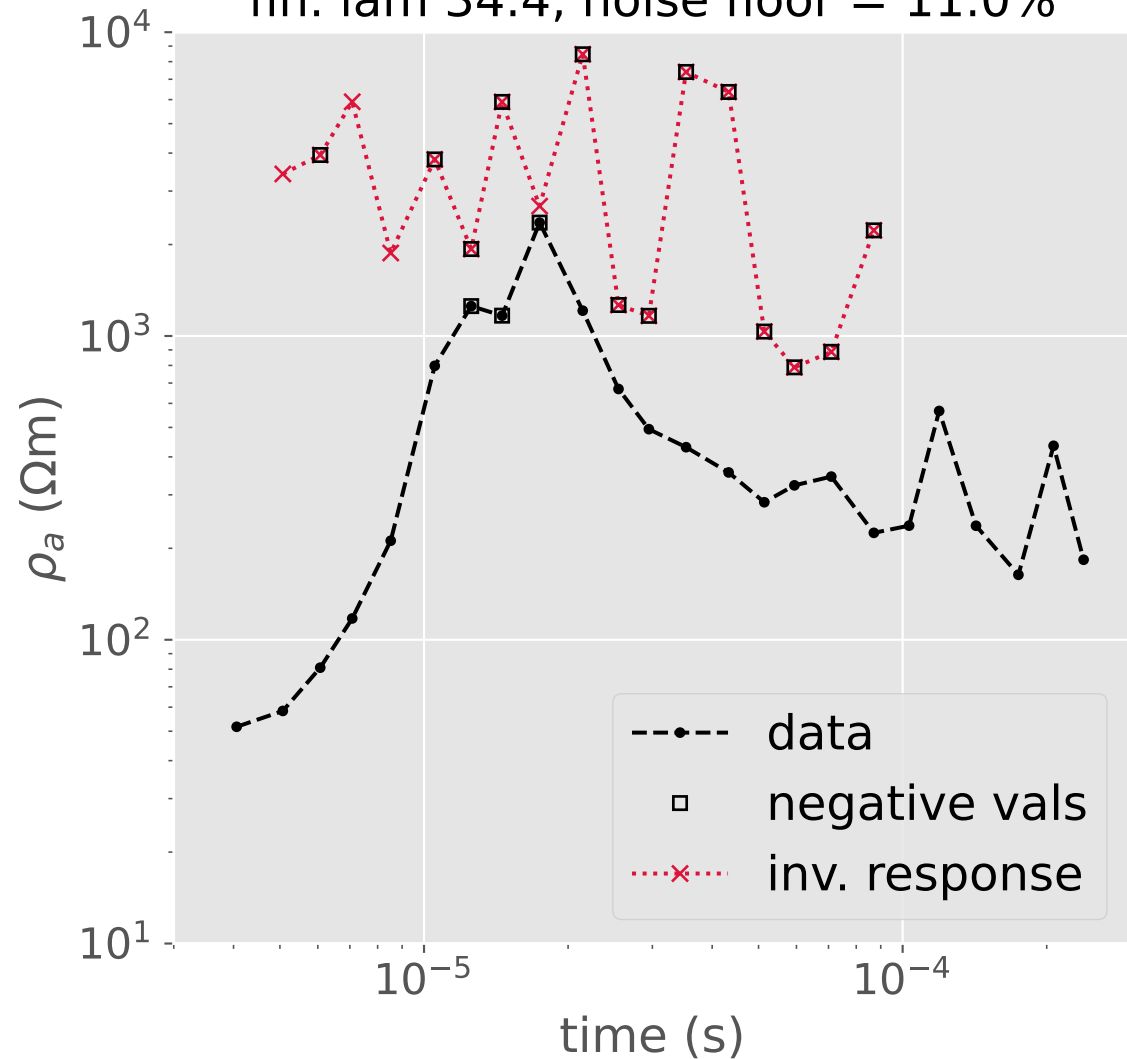


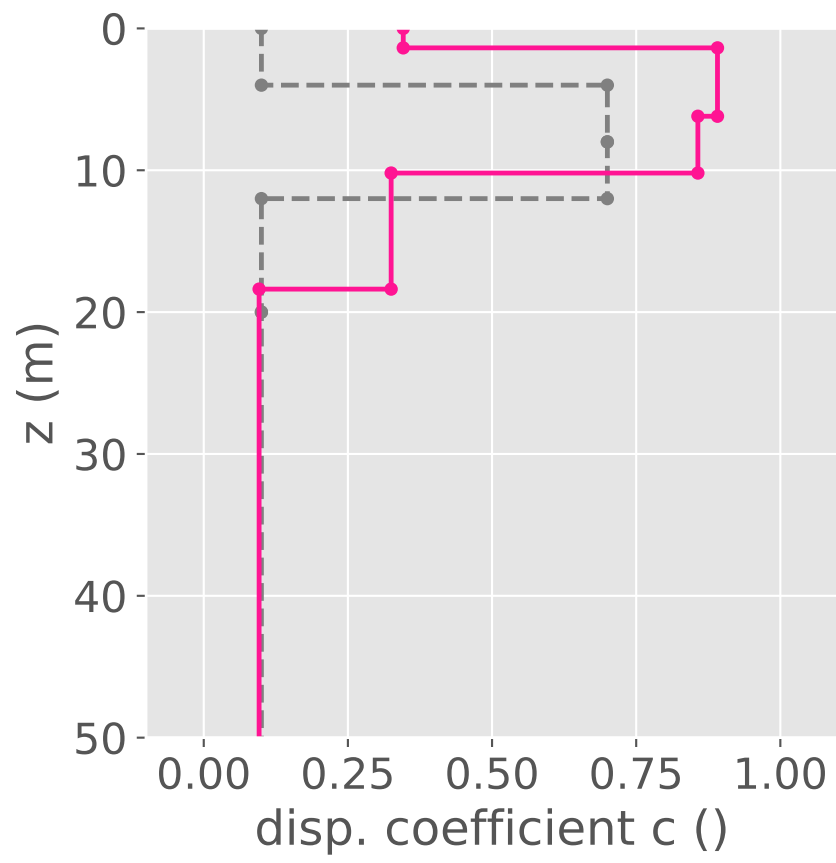
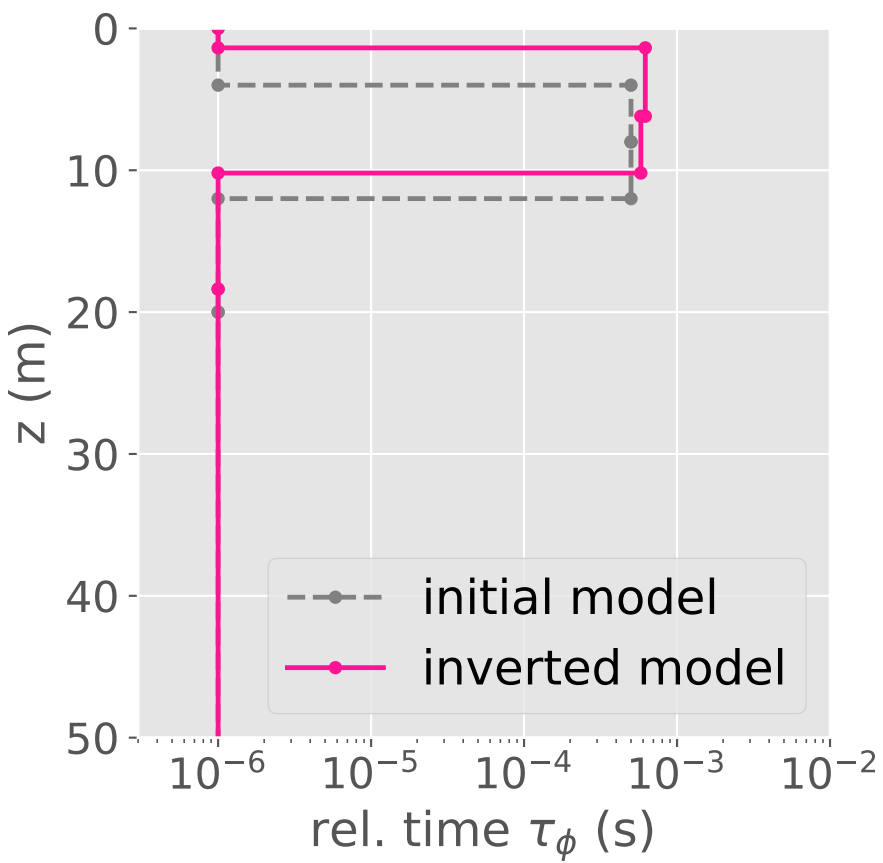
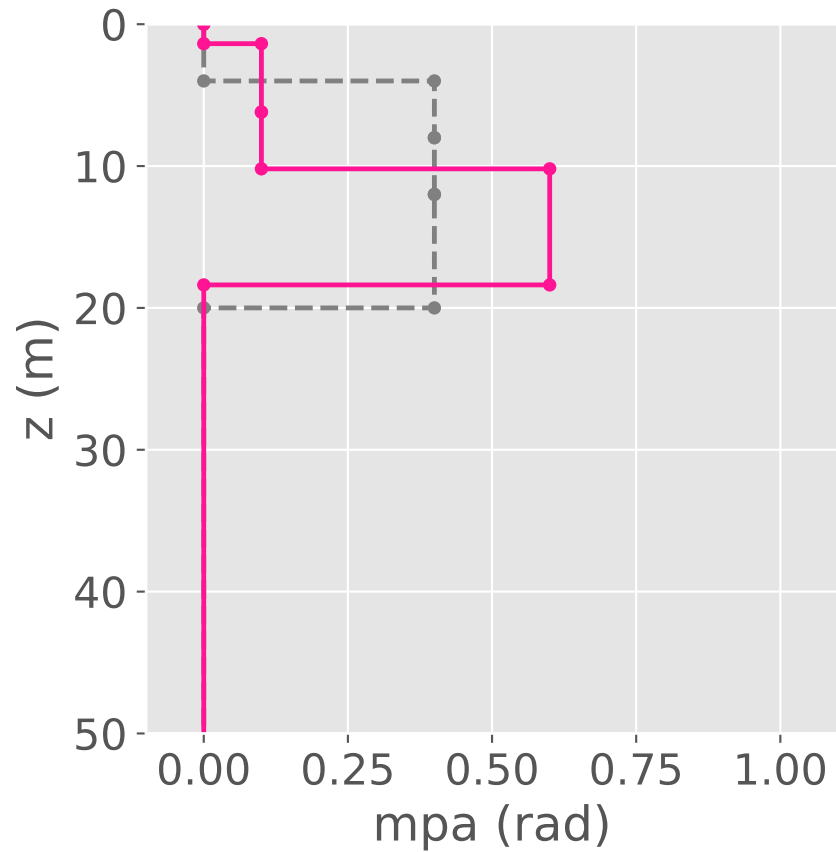
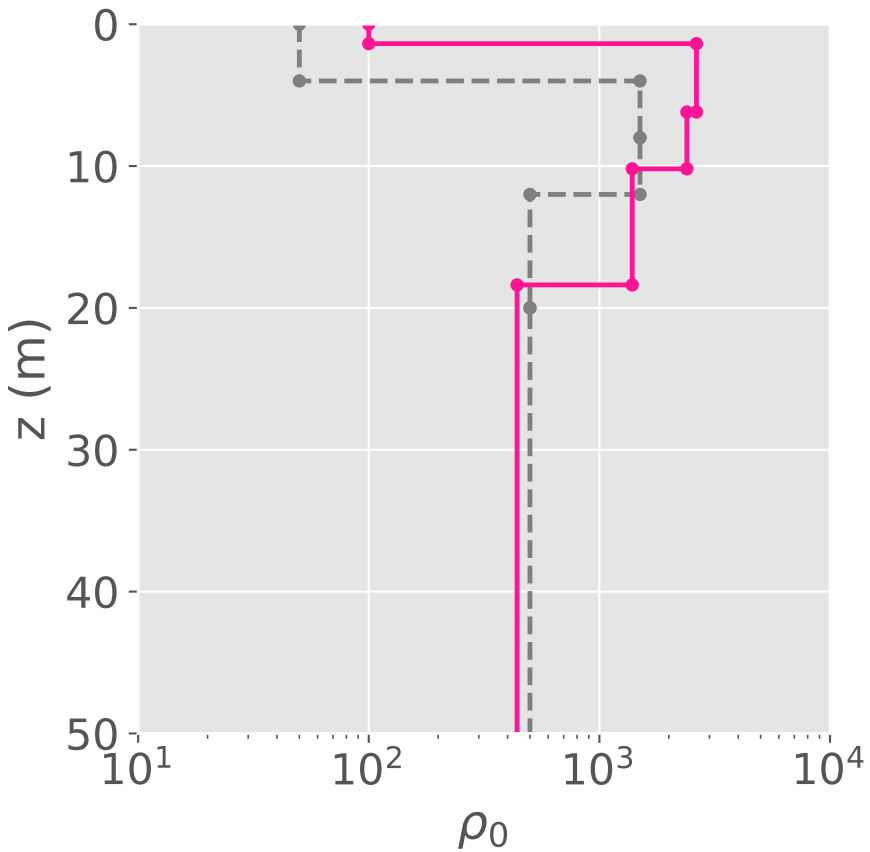


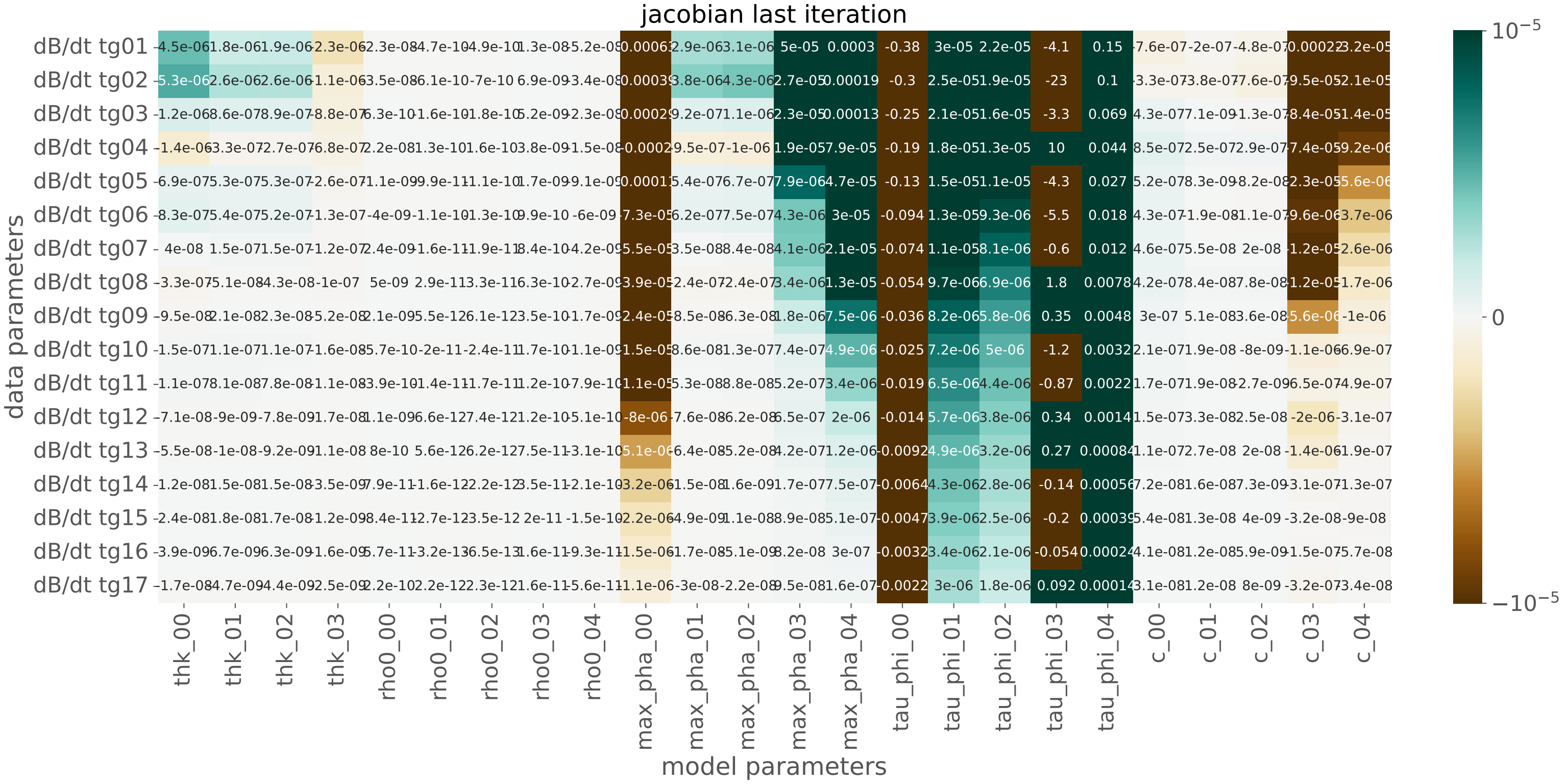
inv-run: 002, sndID: B045
chi2 = 90.59, rrms = 113.10%



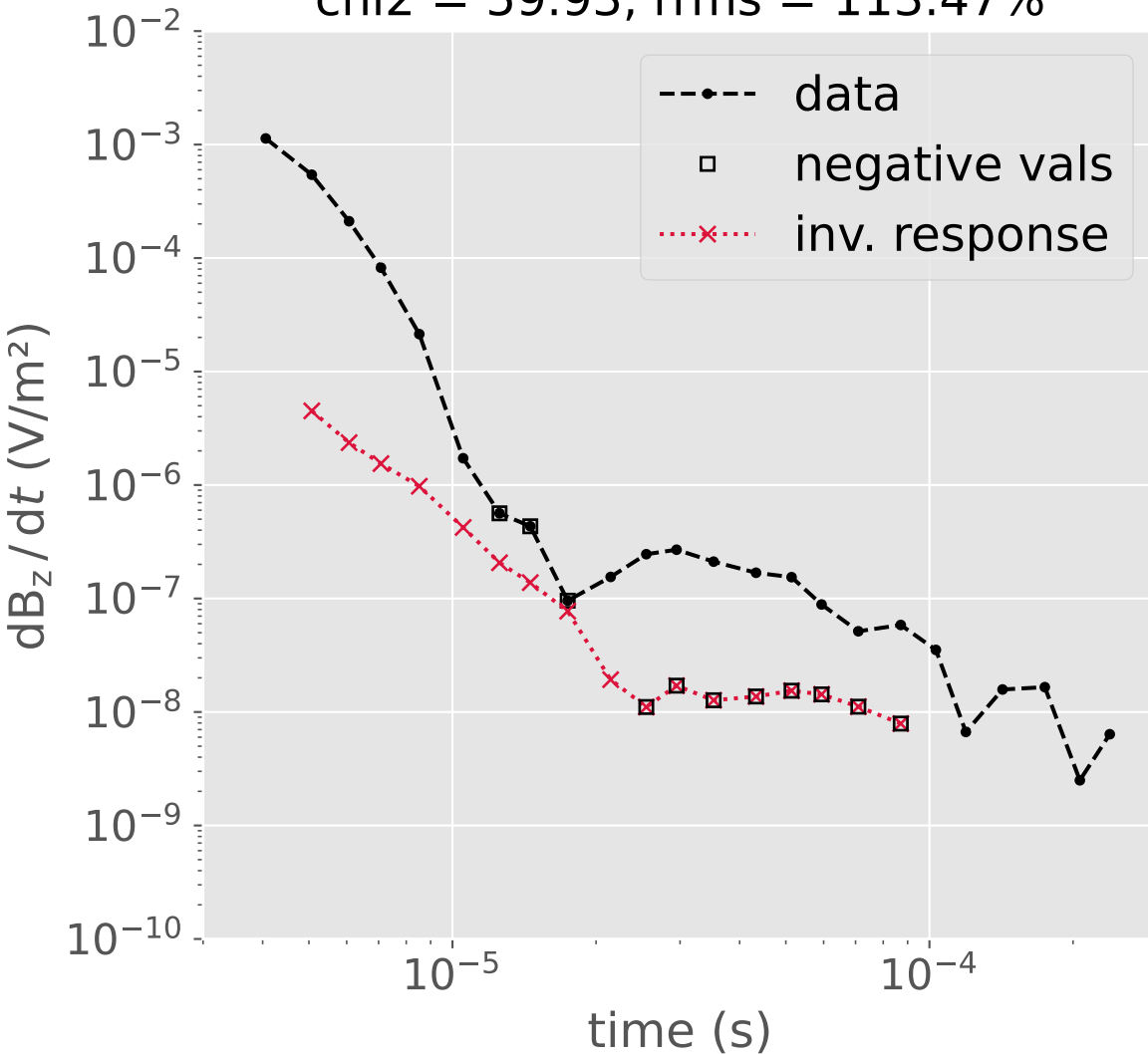
init. lam 500.0 cooling: 0.8, iters 11
fin. lam 34.4, noise floor = 11.0%



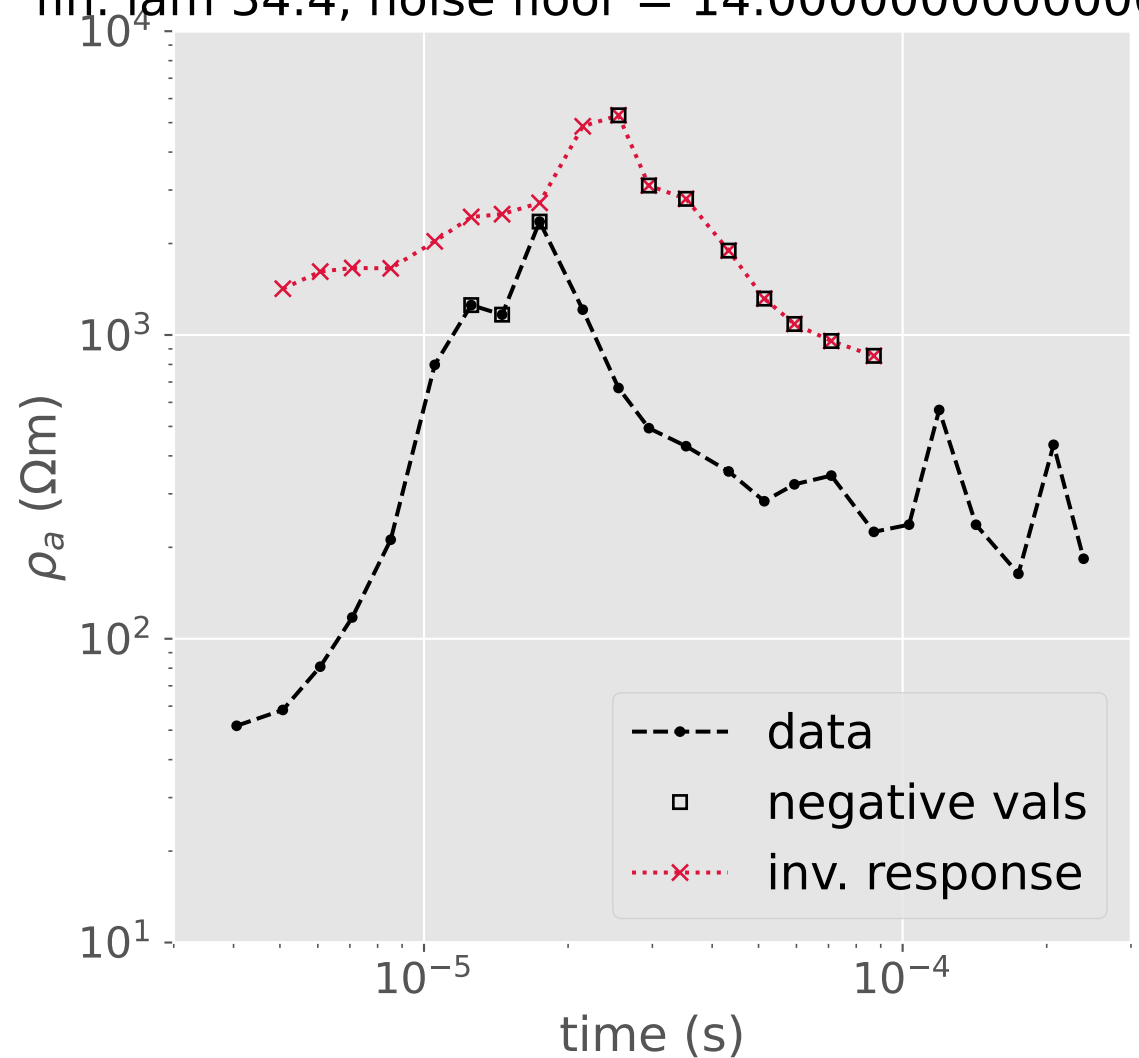


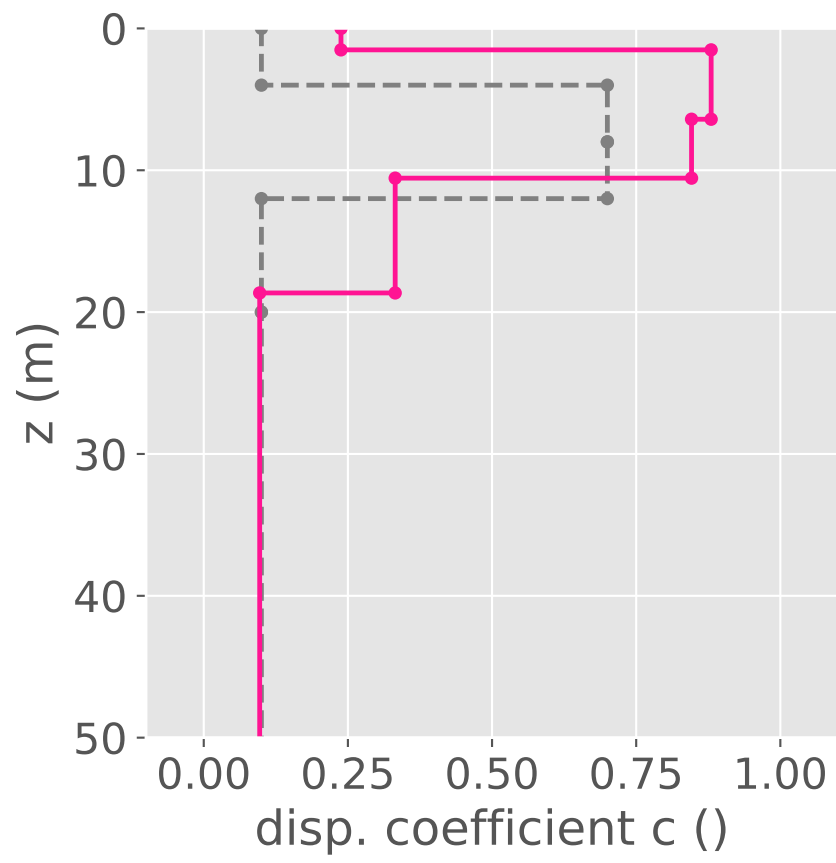
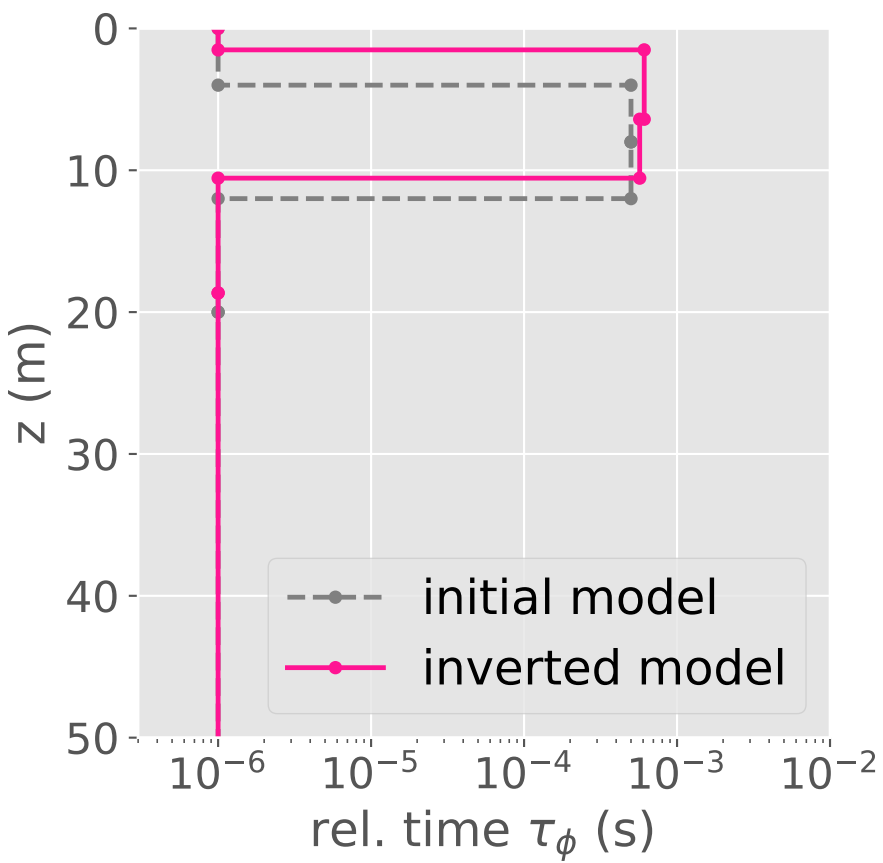
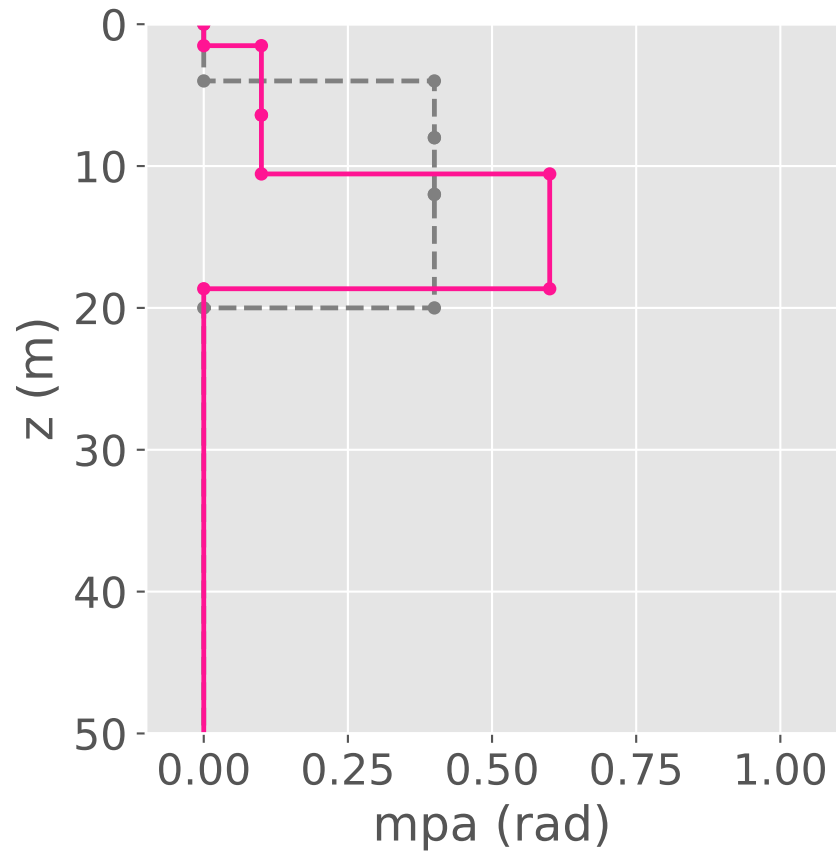
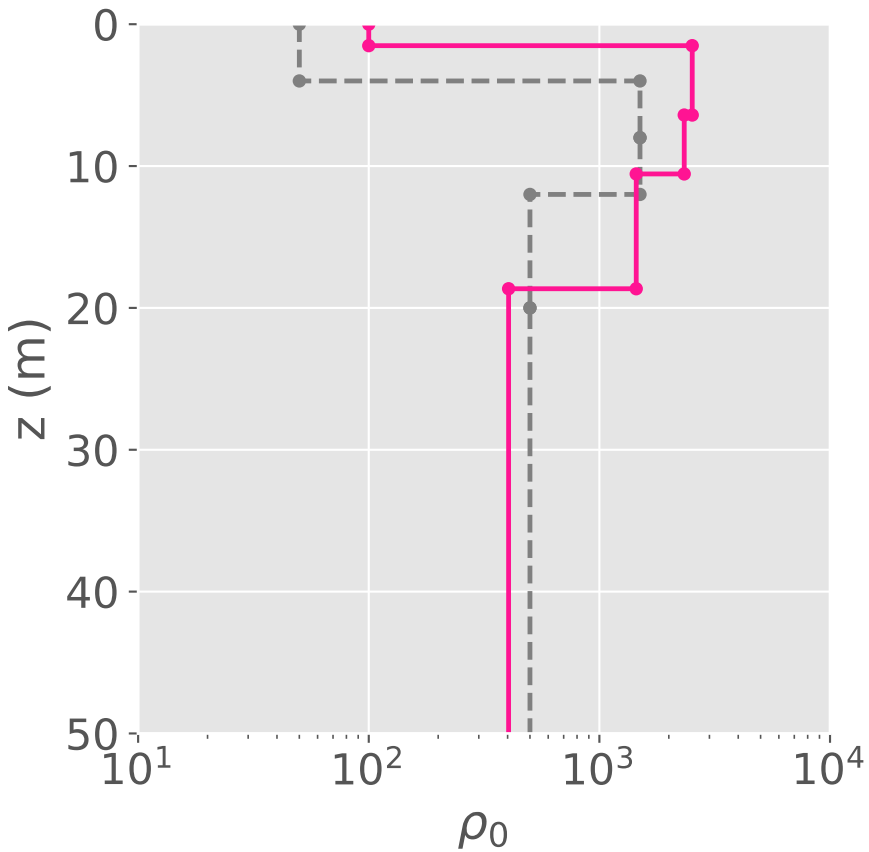


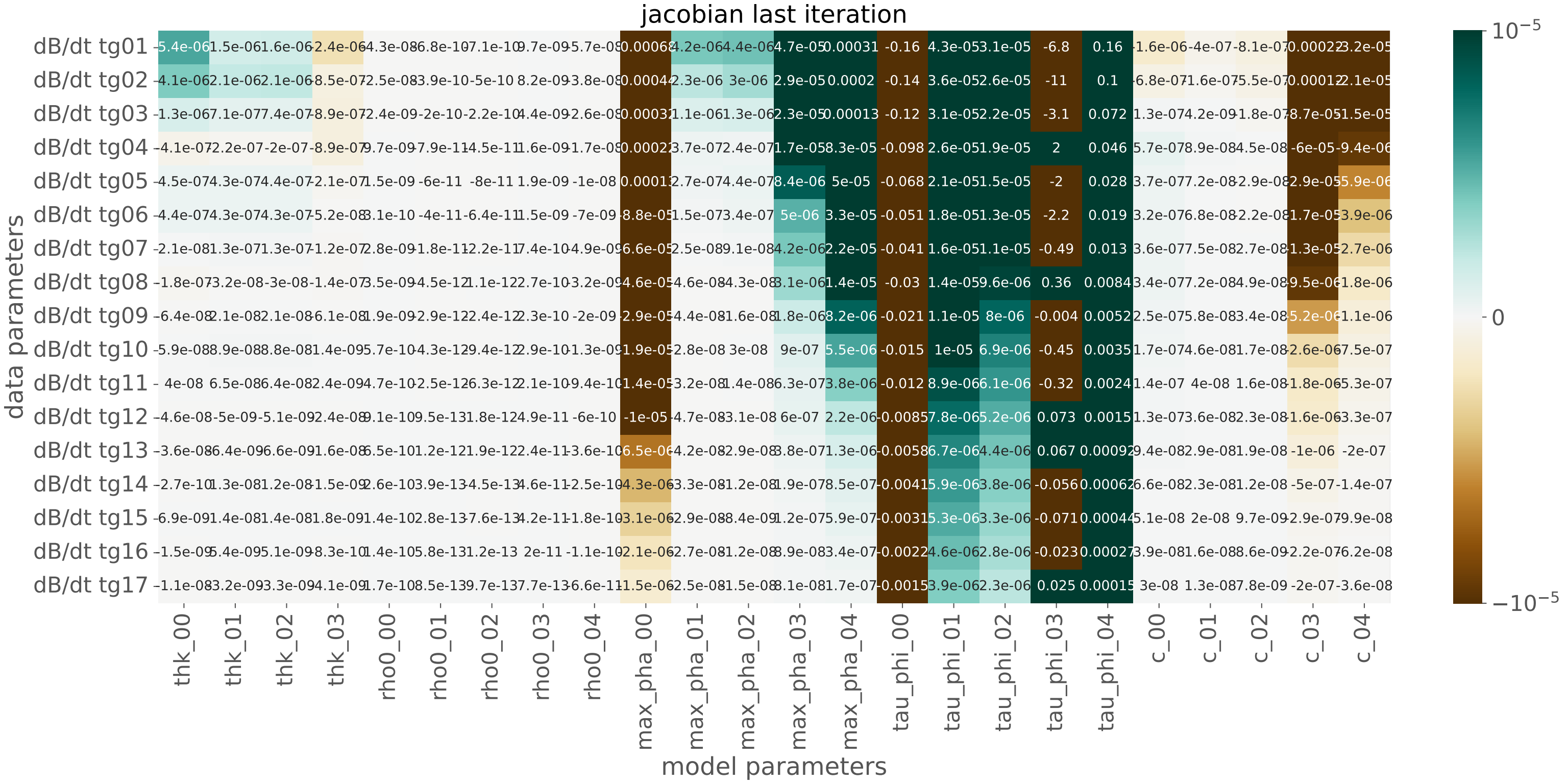
inv-run: 003, sndID: B045
chi2 = 59.93, rrms = 113.47%



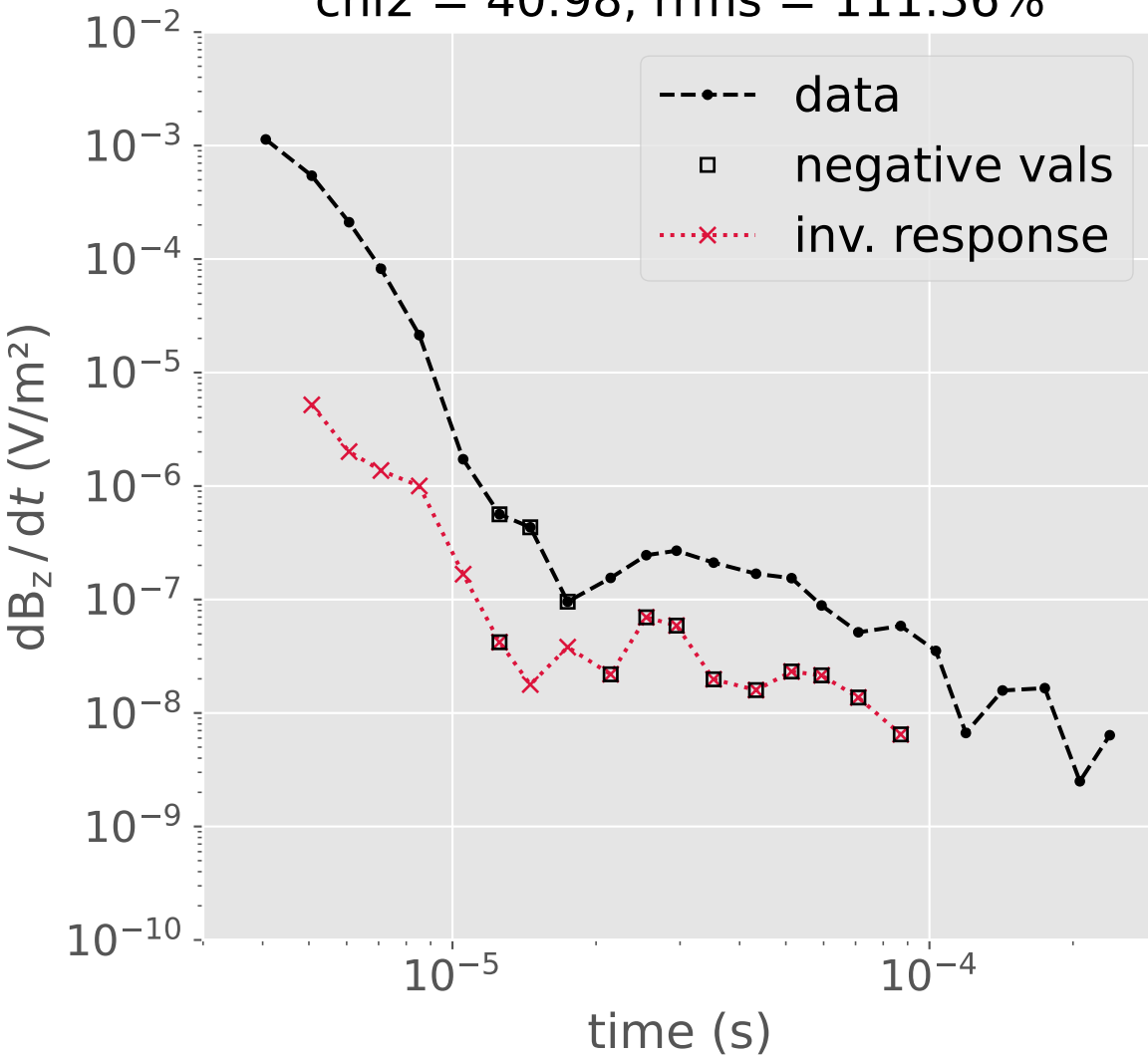
init. lam 500.0 cooling: 0.8, iters 11
fin. lam 34.4, noise floor = 14.000000000000000



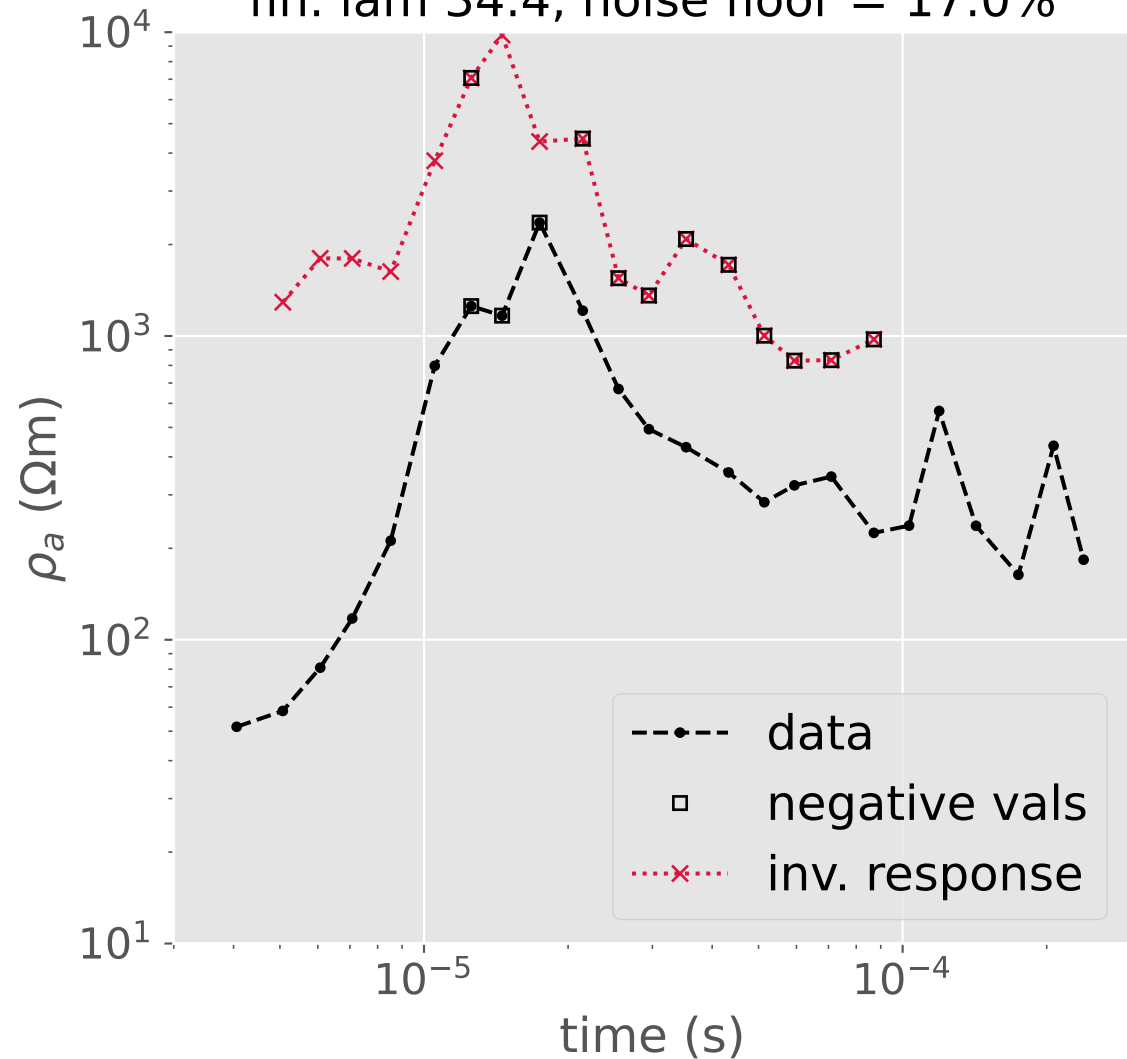


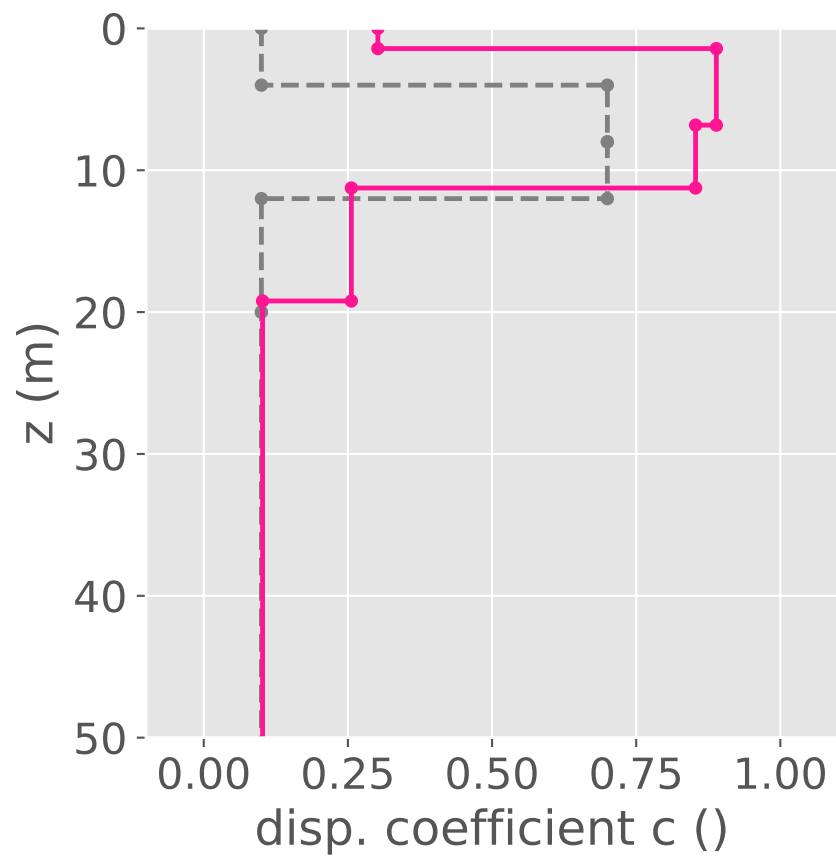
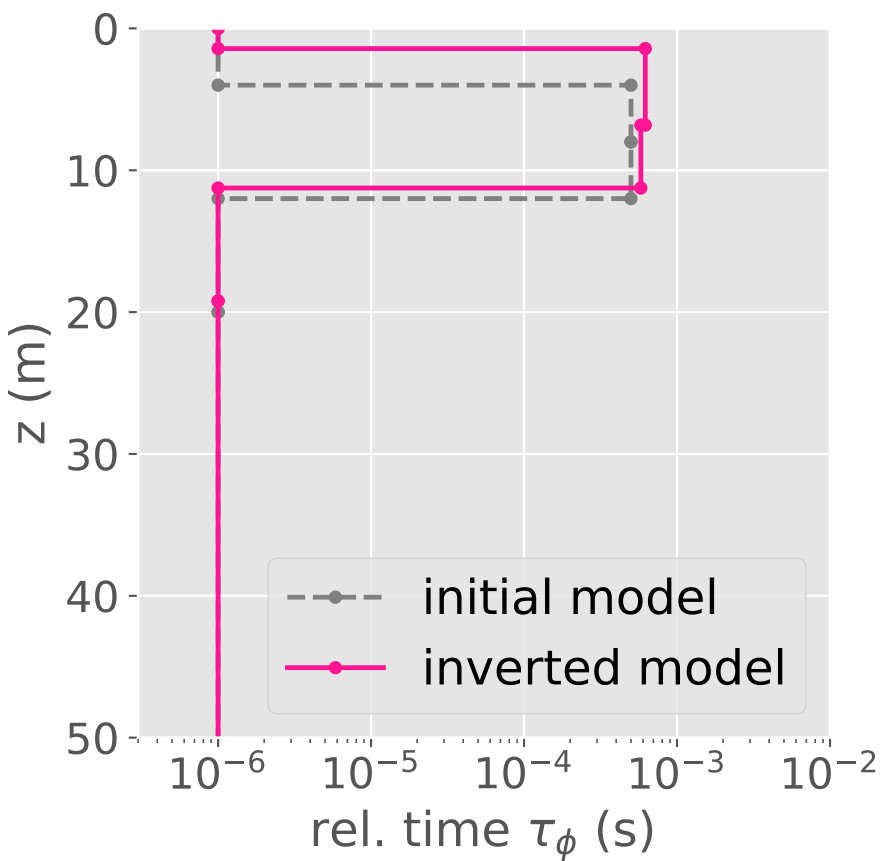
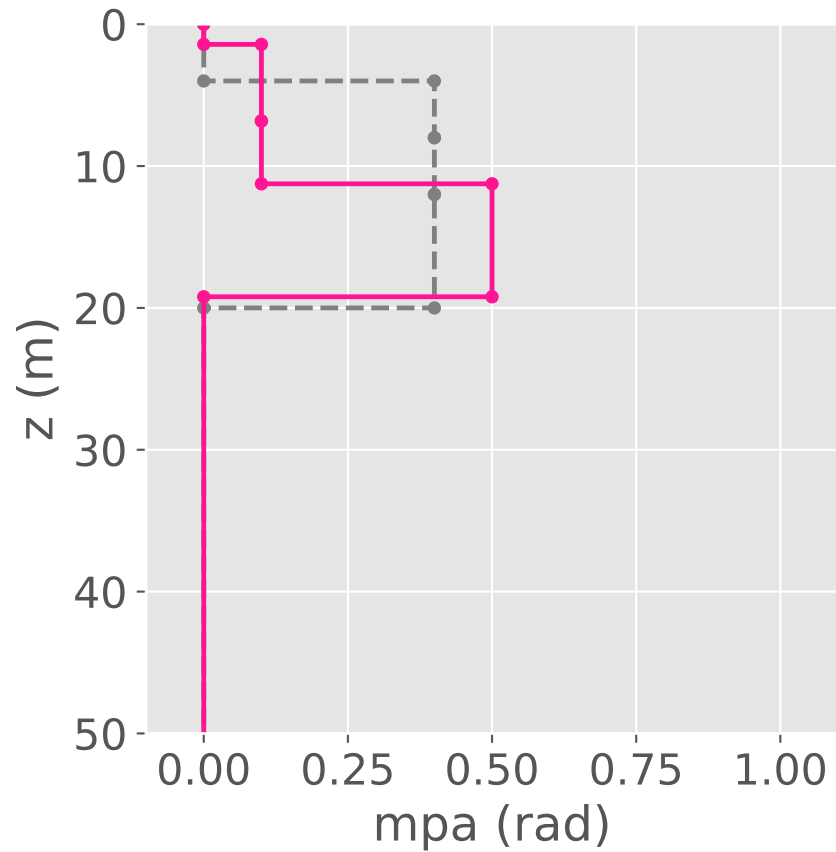
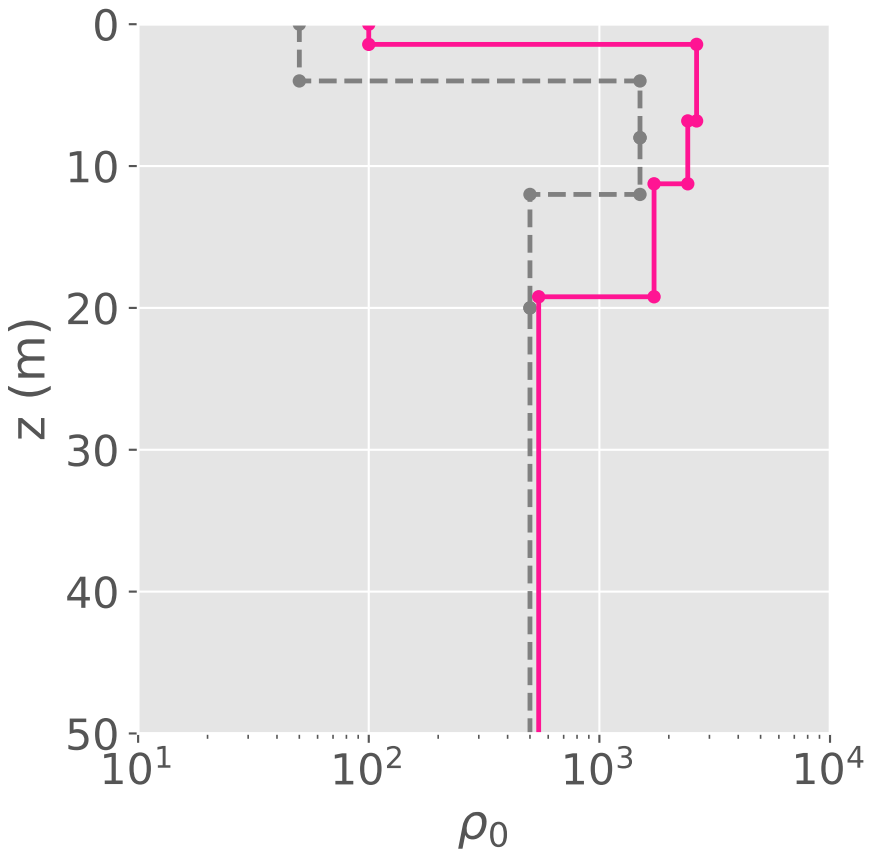


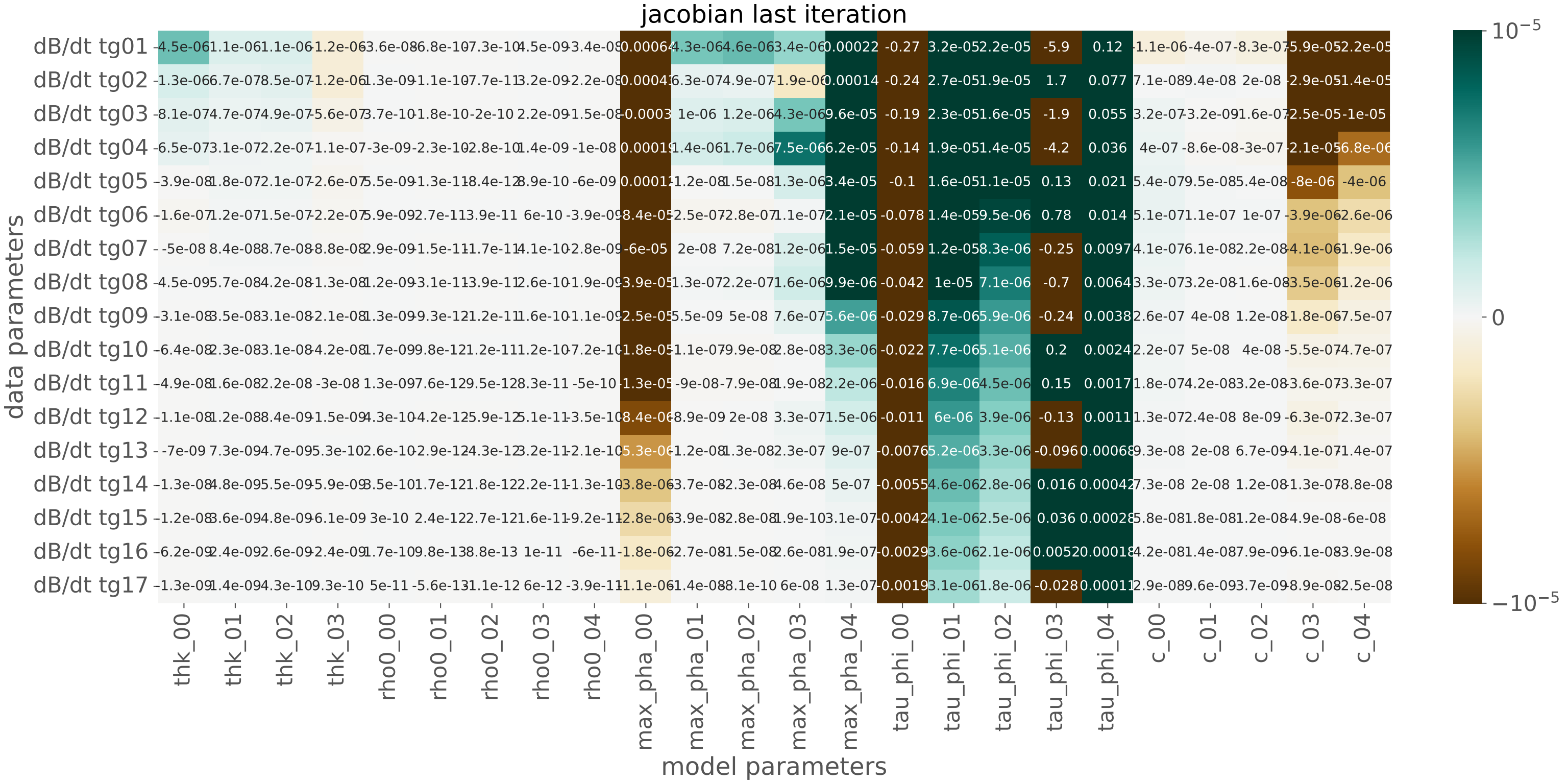
inv-run: 004, sndID: B045
chi2 = 40.98, rrms = 111.36%



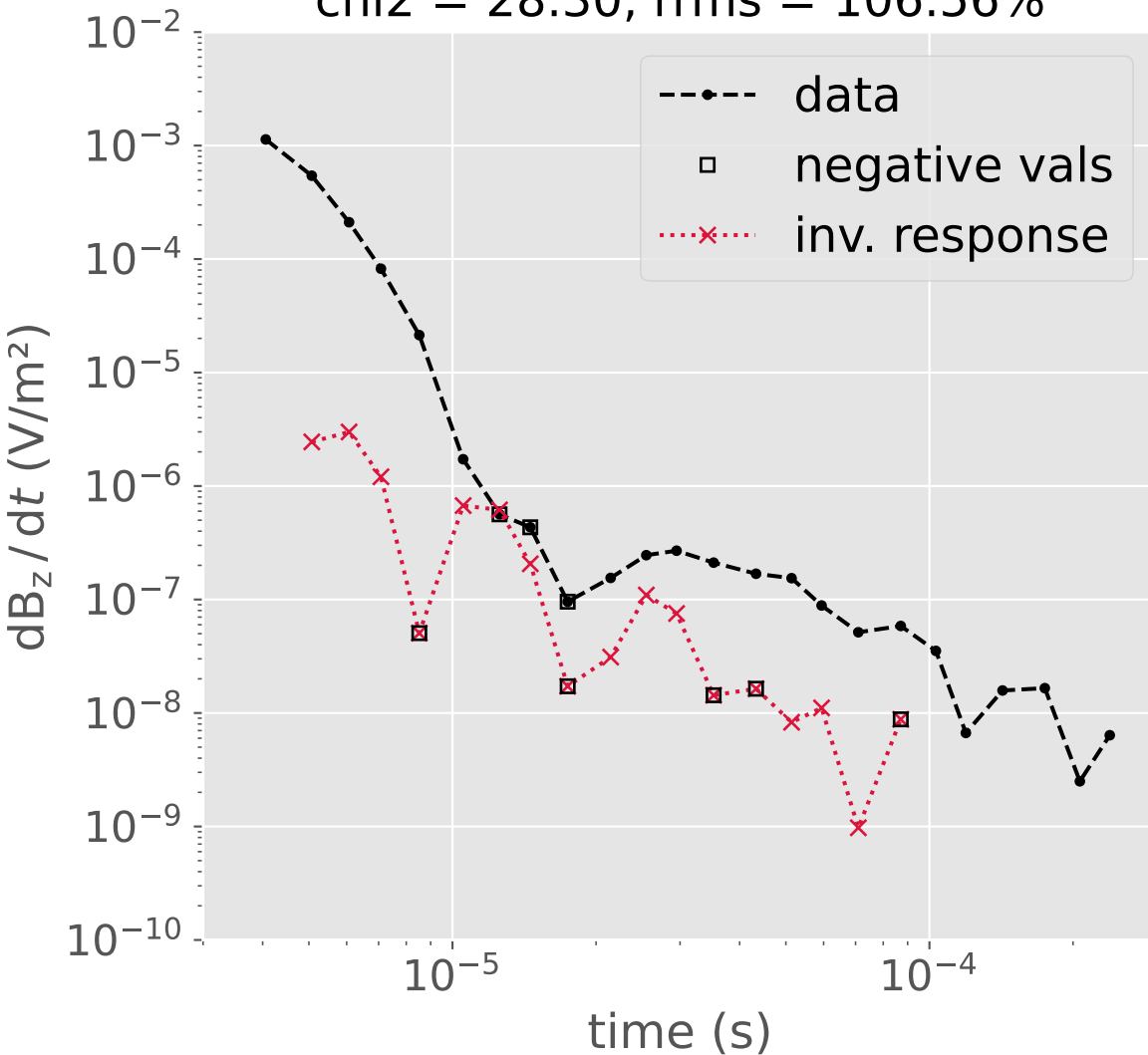
init. lam 500.0 cooling: 0.8, iters 11
fin. lam 34.4, noise floor = 17.0%







inv-run: 005, sndID: B045
chi2 = 28.30, rrms = 106.56%



init. lam 500.0 cooling: 0.8, iters 14
fin. lam 17.6, noise floor = 20.0%

