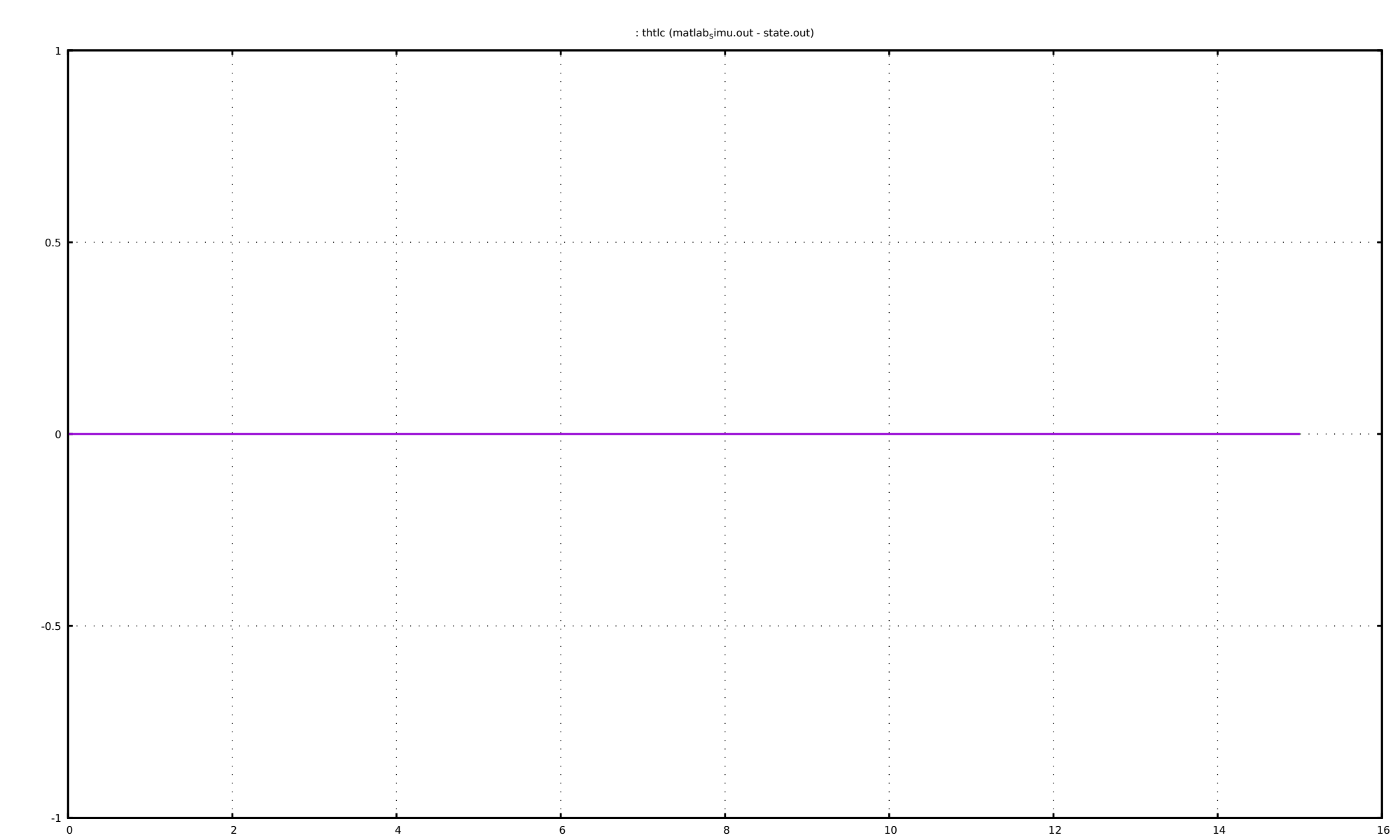
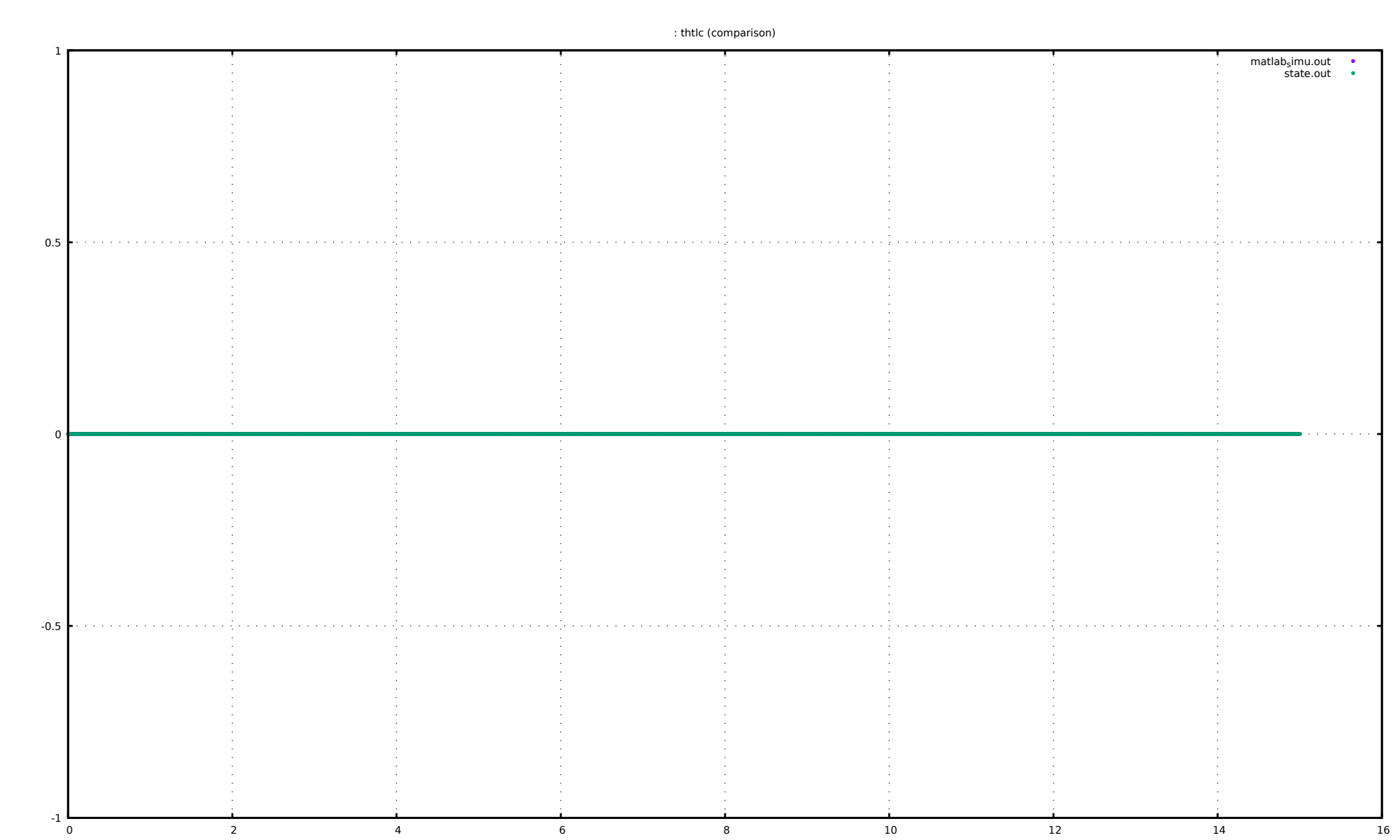
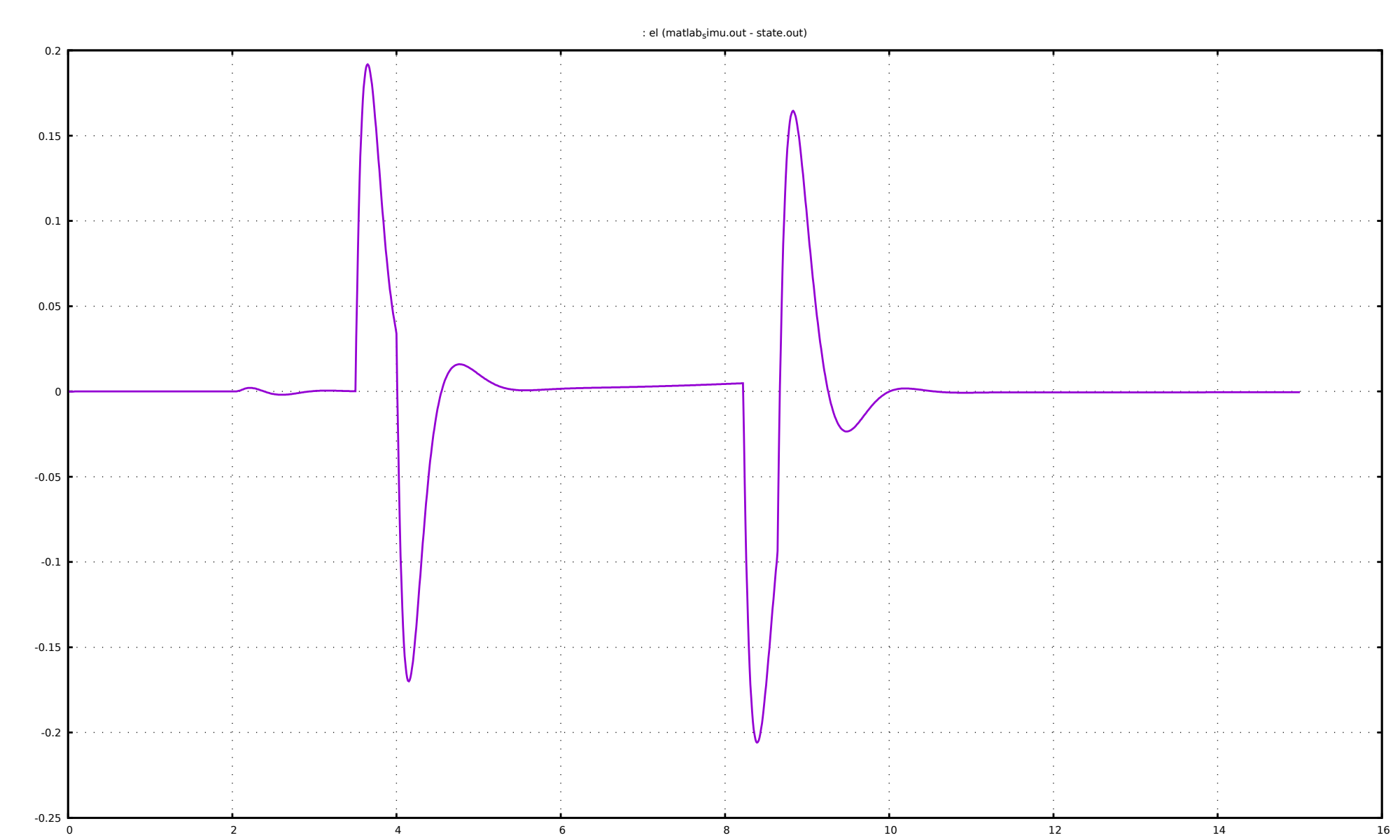
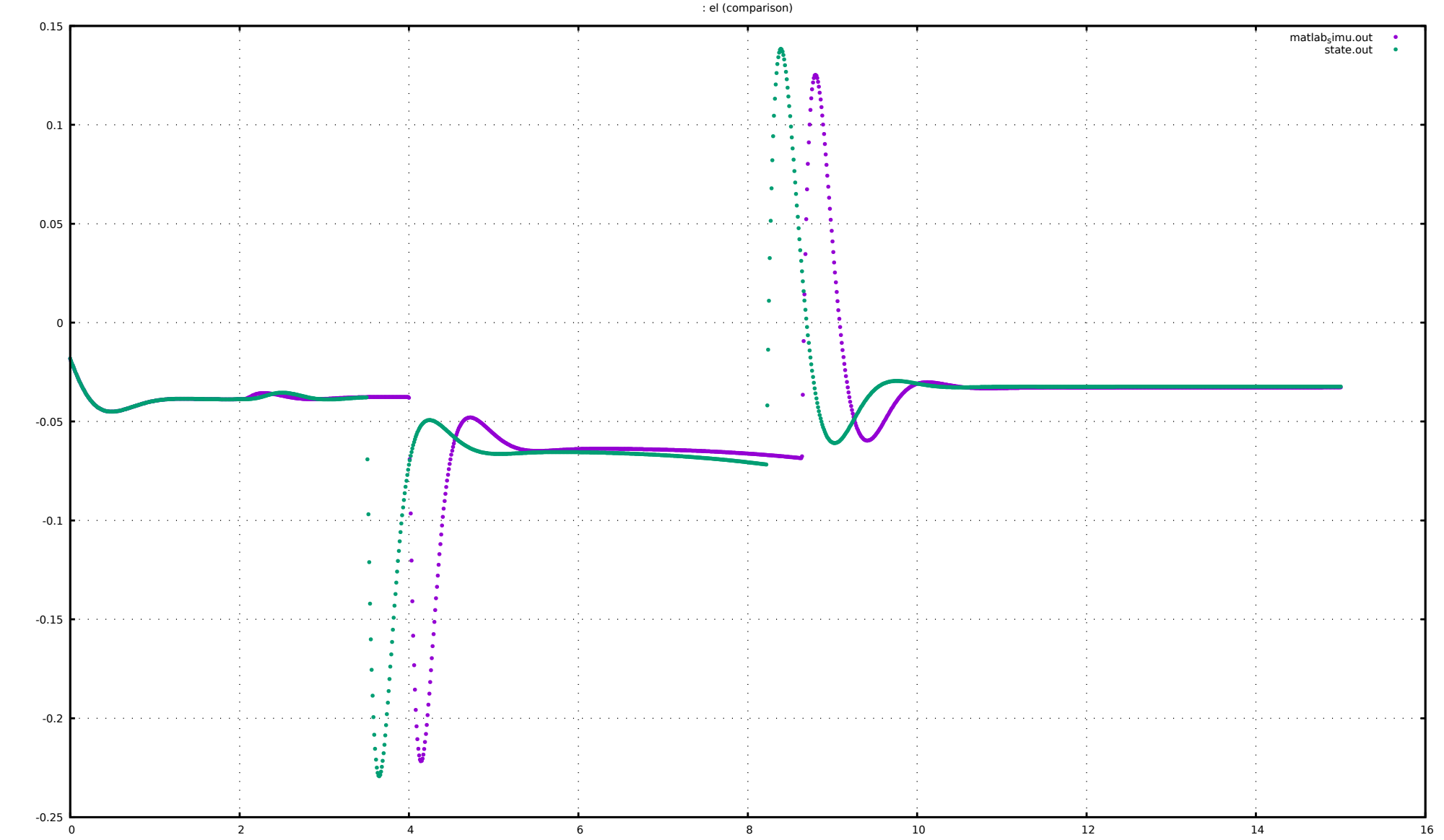
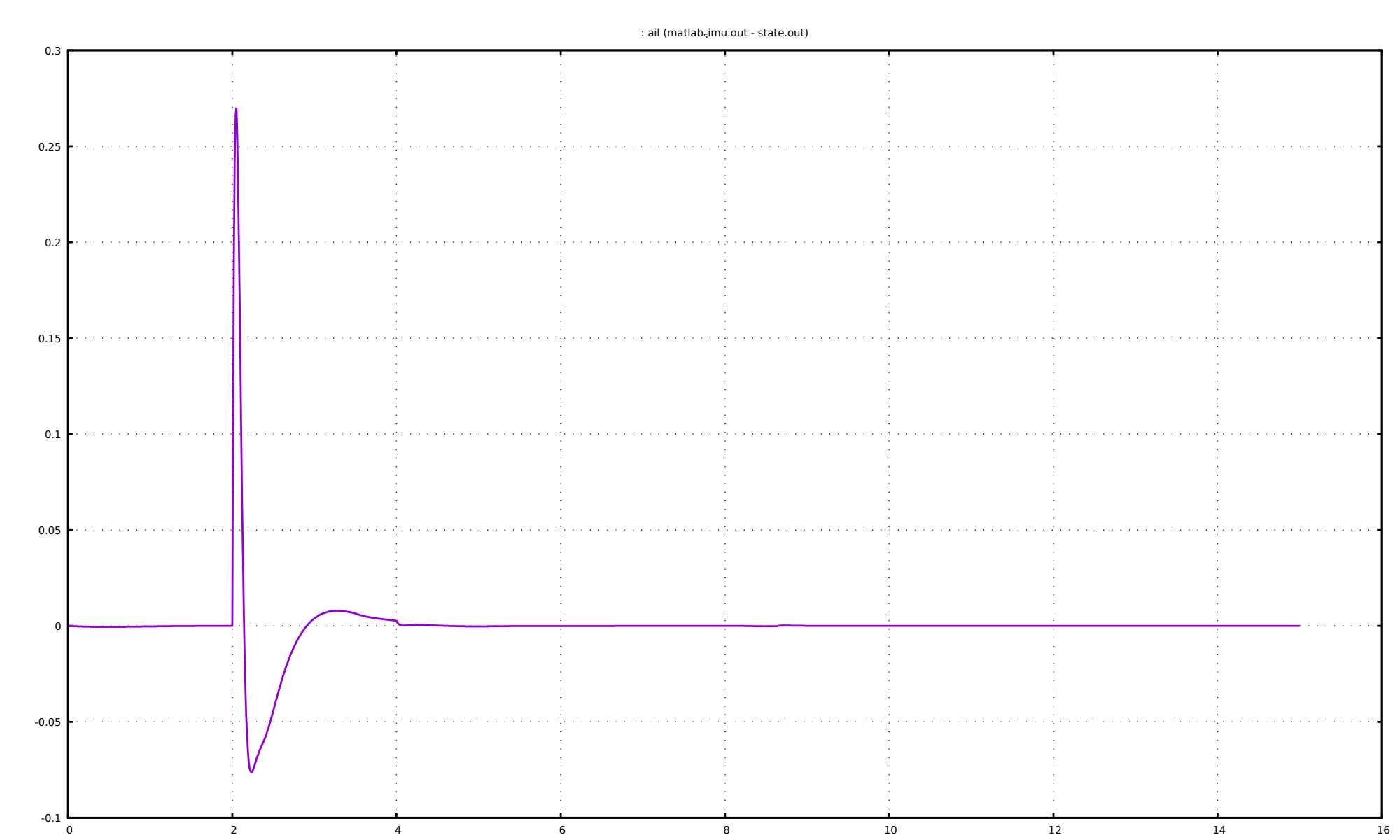
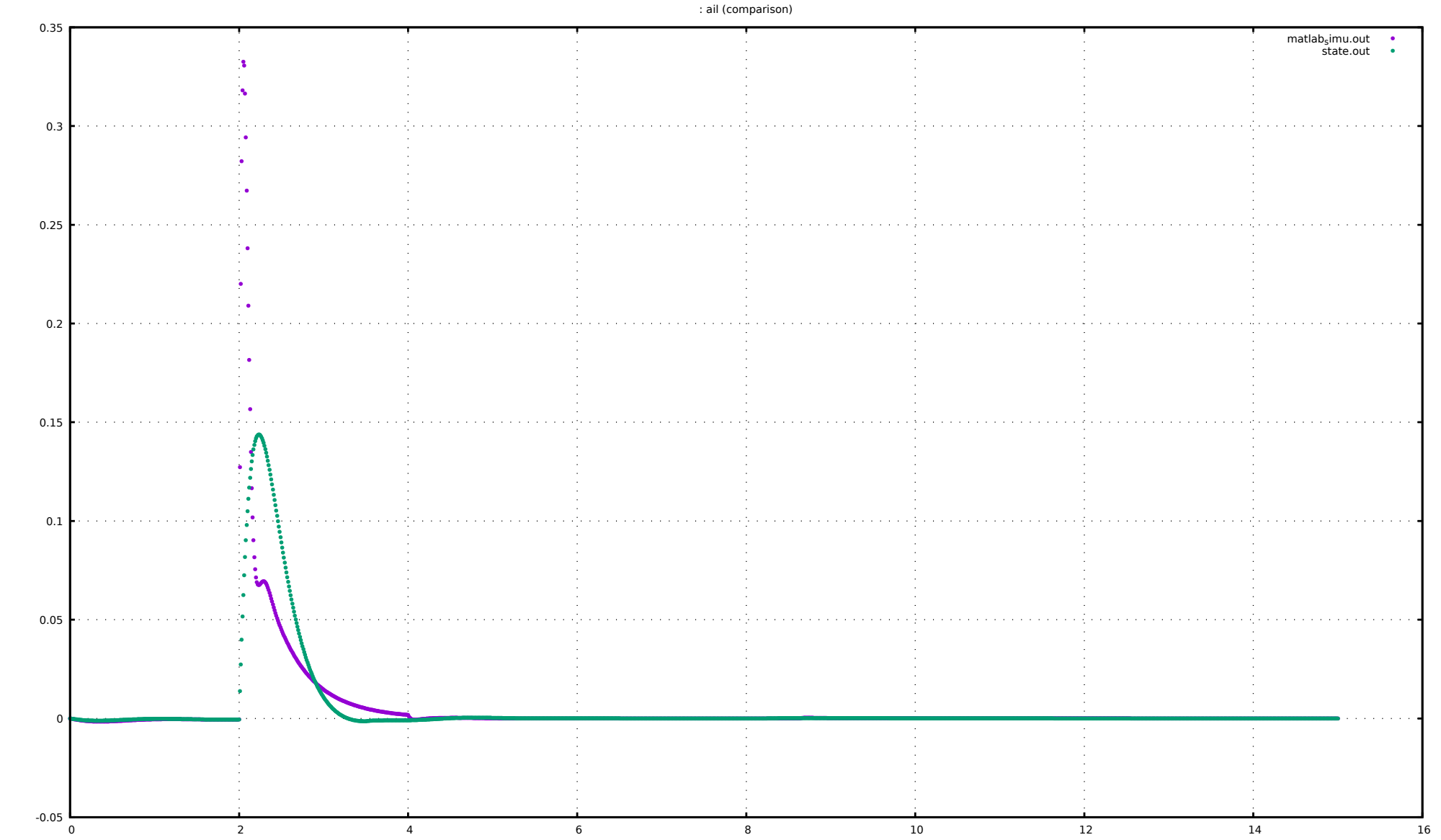

: thtlc (matlab_simu.out - state.out)
1
0.5
0
-0.5
-1
0
2
4
6
8
10
12
14
16

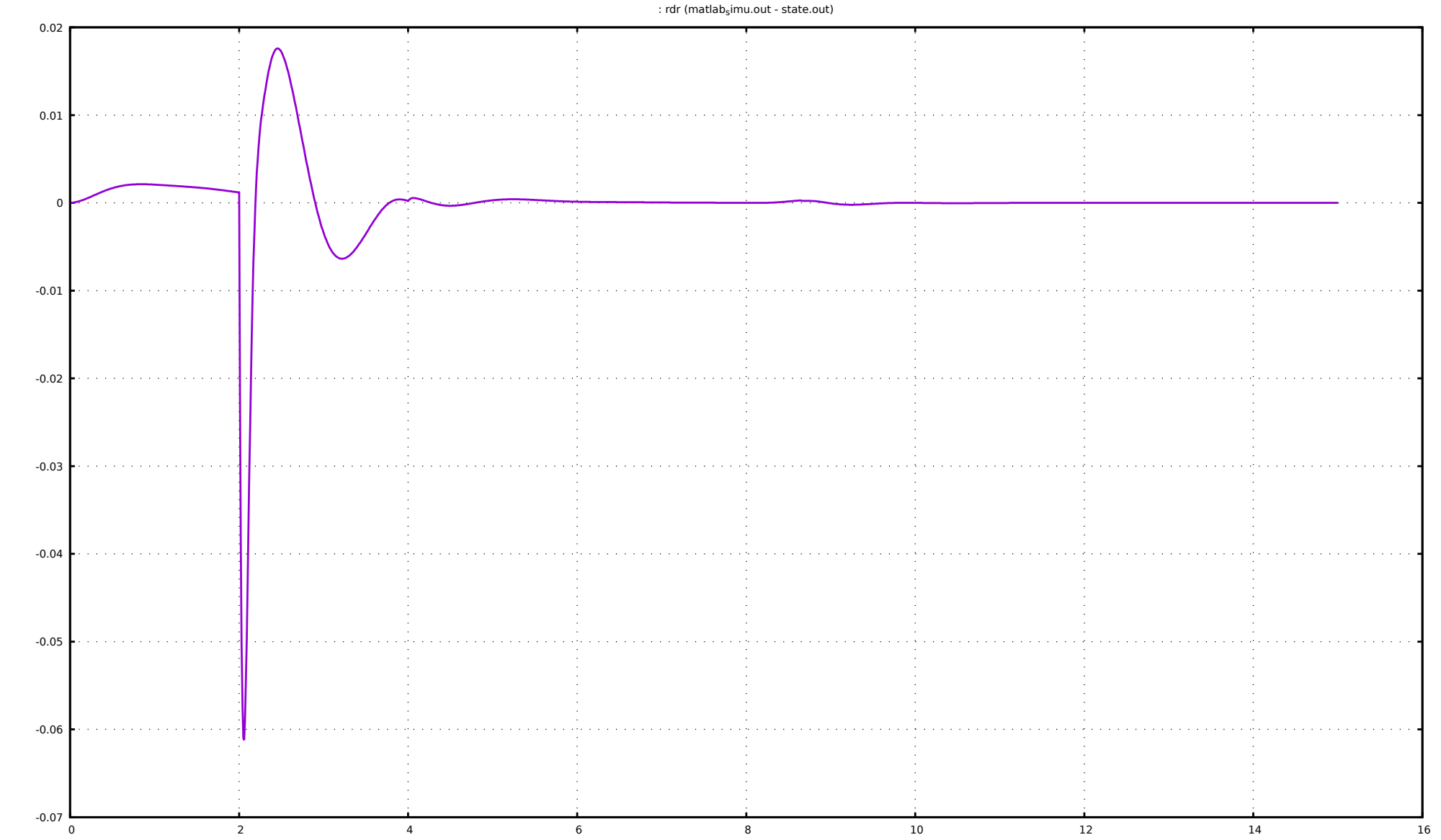

: thtlc (comparison)
matlab_simu.out
state.out
1
0.5
0
-0.5
-1
0
2
4
6
8
10
12
14
16

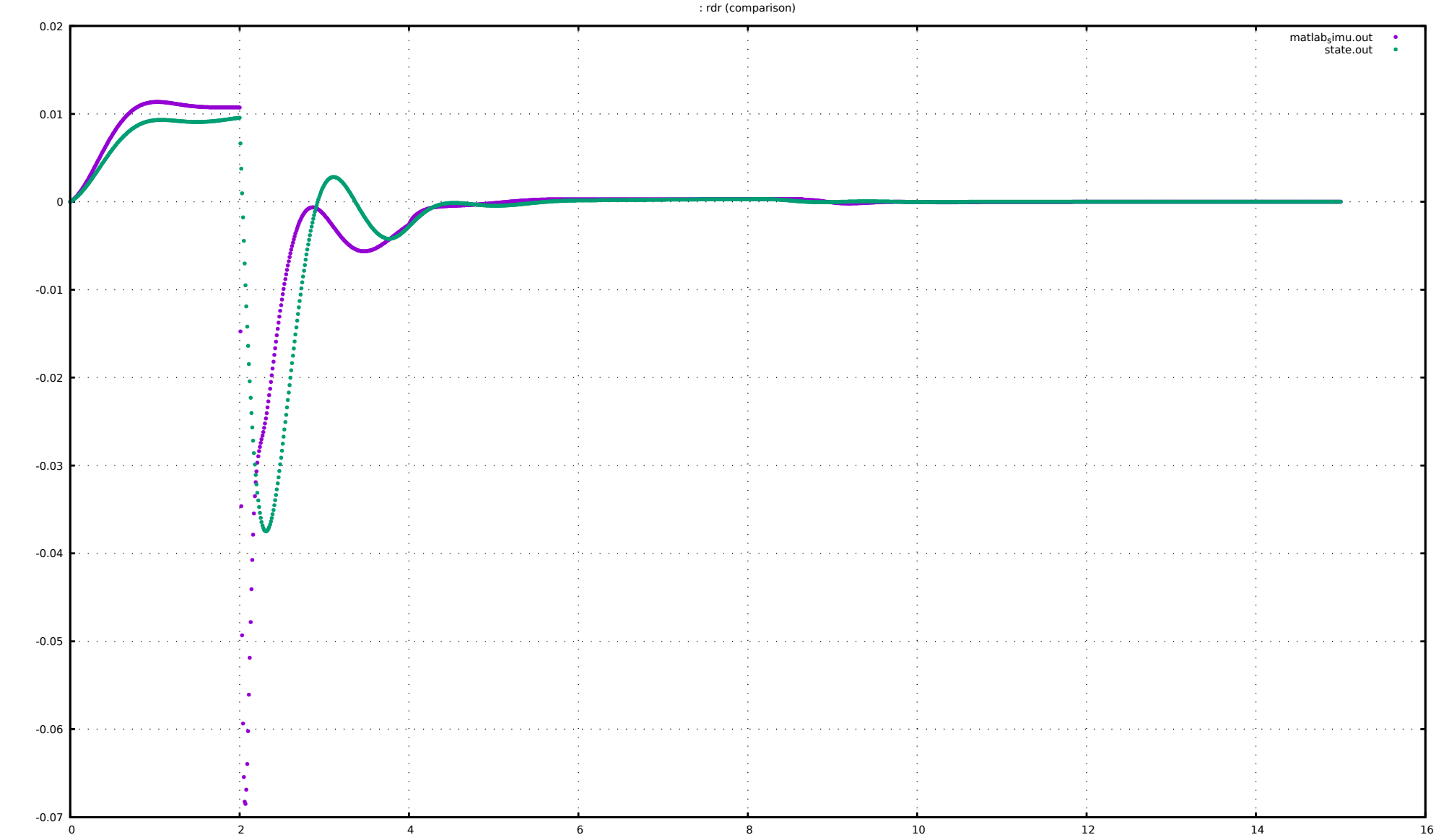

: el (matlab_simu.out - state.out)
0.2
0.15
0.1
0.05
0
-0.05
-0.1
-0.15
-0.2
-0.25
0
2
4
6
8
10
12
14
16

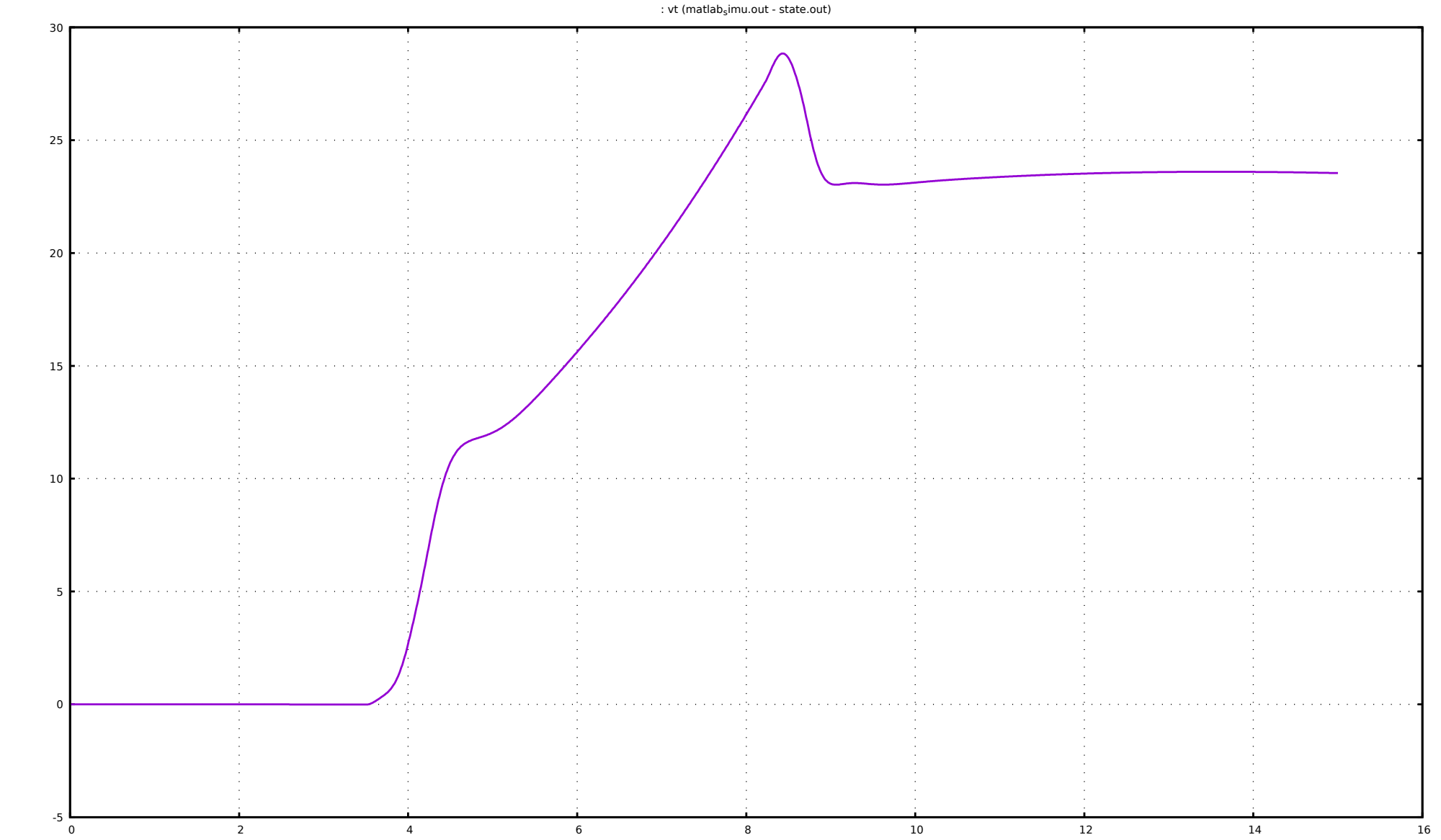

: el (comparison)
matlab_simu.out
state.out
0.15
0.1
0.05
0
-0.05
-0.1
-0.15
-0.2
-0.25
0
2
4
6
8
10
12
14
16

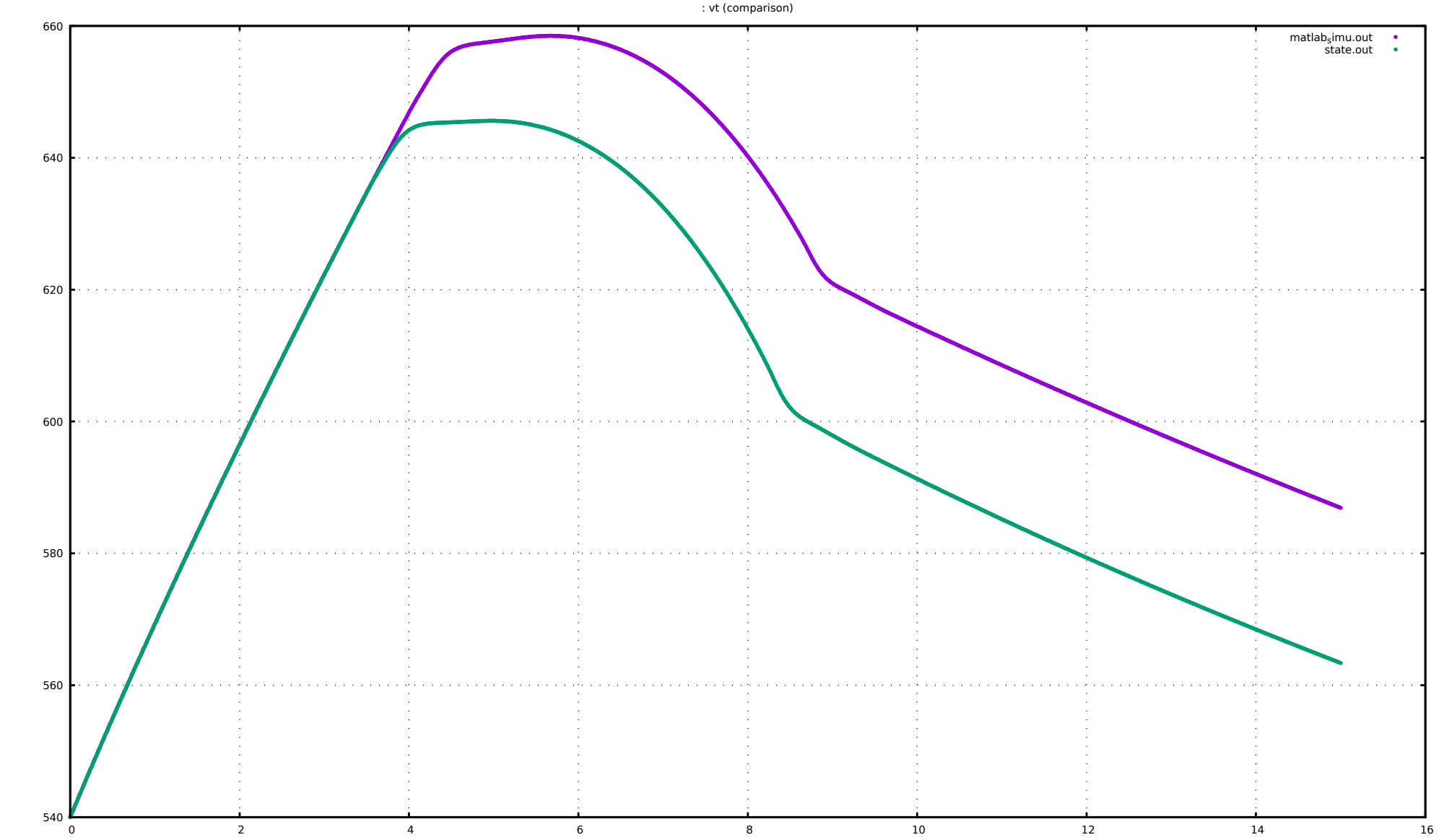

: ail (matlab_simu.out - state.out)
0.3
0.25
0.2
0.15
0.1
0.05
0
-0.05
-0.1
0
2
4
6
8
10
12
14
16

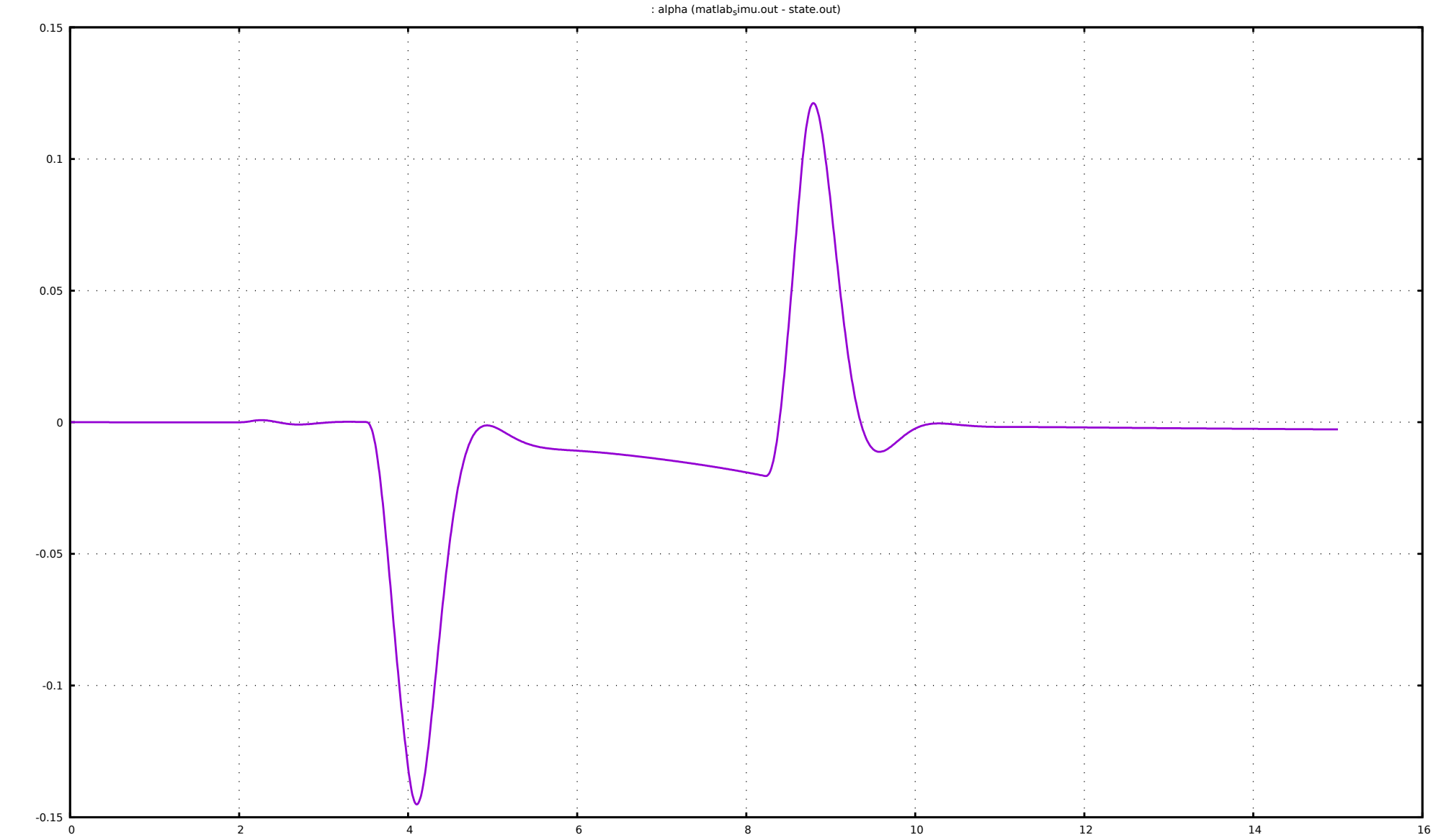

: ail (comparison)
matlab_simu.out
state.out
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
-0.05
0
2
4
6
8
10
12
14
16

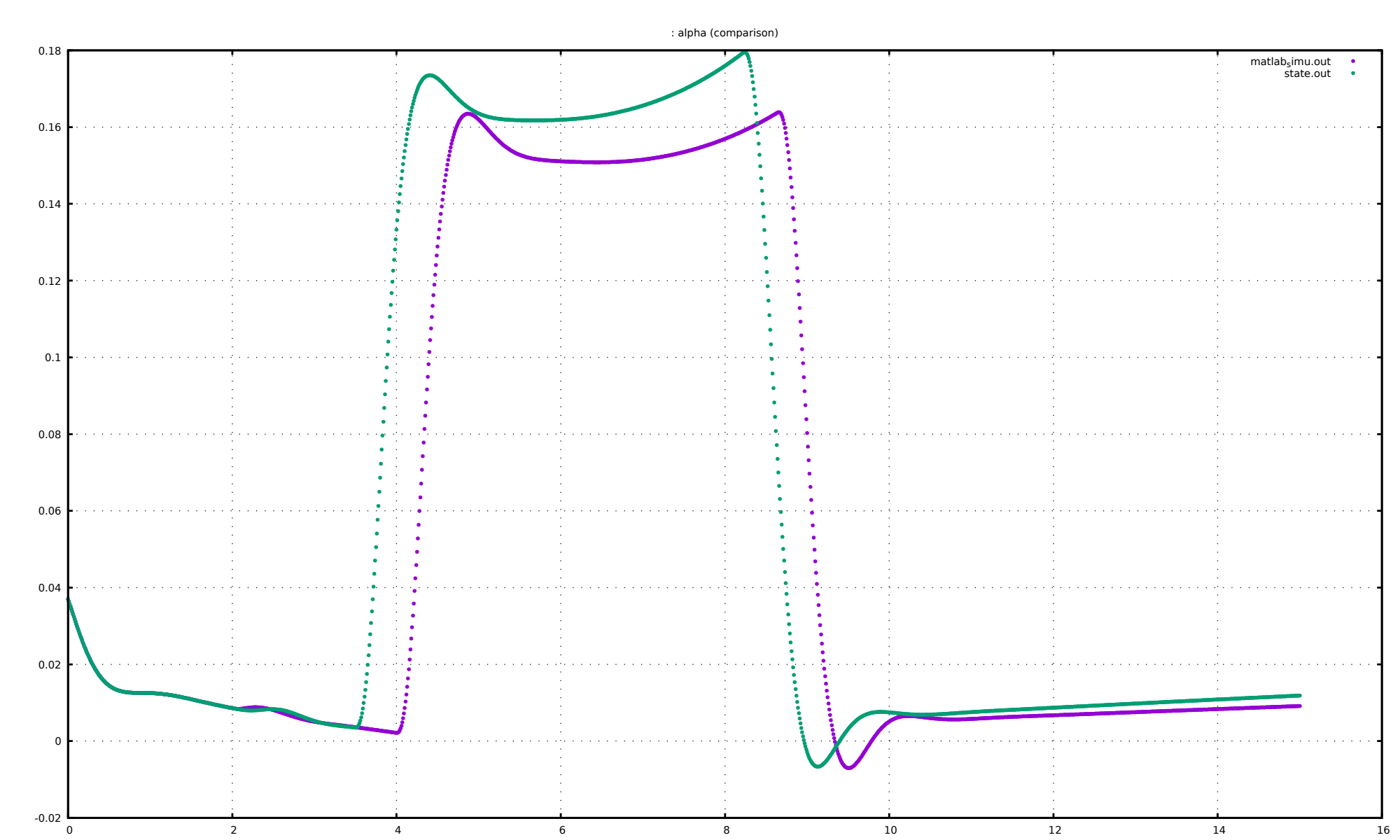

: rdr (matlab_simu.out - state.out)
0.02
0.01
0
-0.01
-0.02
-0.03
-0.04
-0.05
-0.06
-0.07
0
2
4
6
8
10
12
14
16

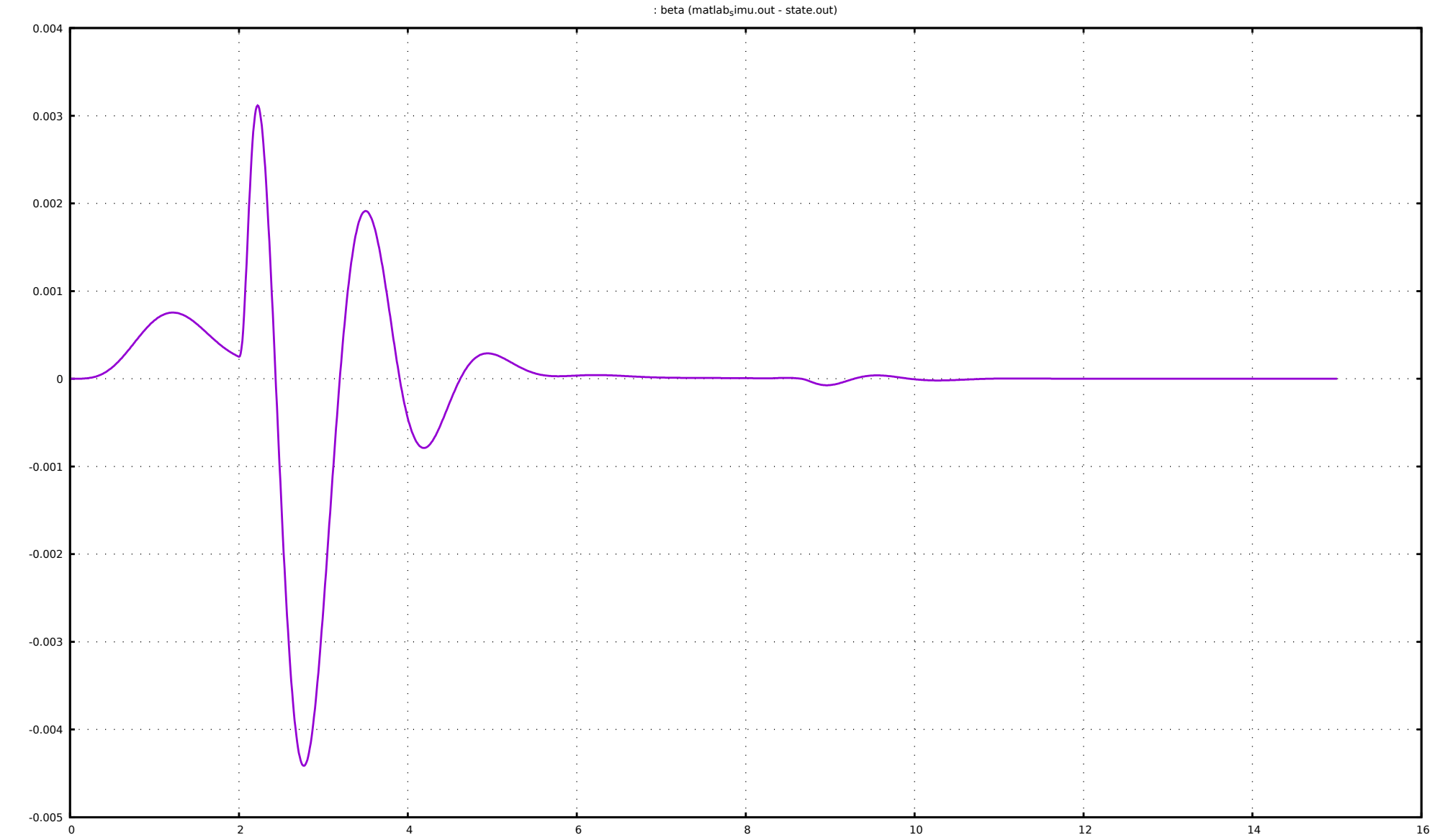

: rdr (comparison)
matlab_simu.out
state.out
0.02
0.01
0
-0.01
-0.02
-0.03
-0.04
-0.05
-0.06
-0.07
0
2
4
6
8
10
12
14
16

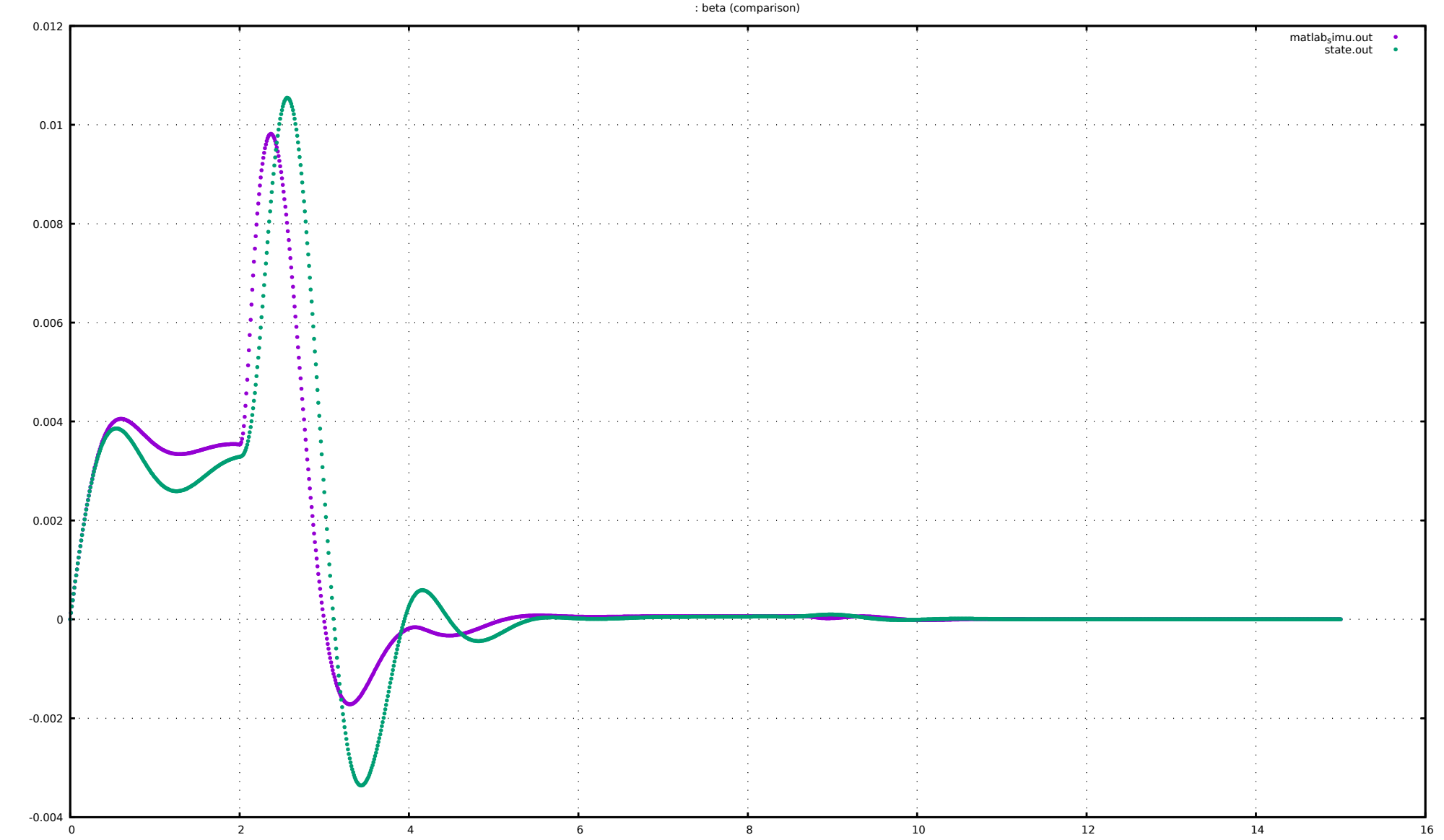

: vt (matlab_simu.out - state.out)
30
25
20
15
10
5
0
-5
0
2
4
6
8
10
12
14
16

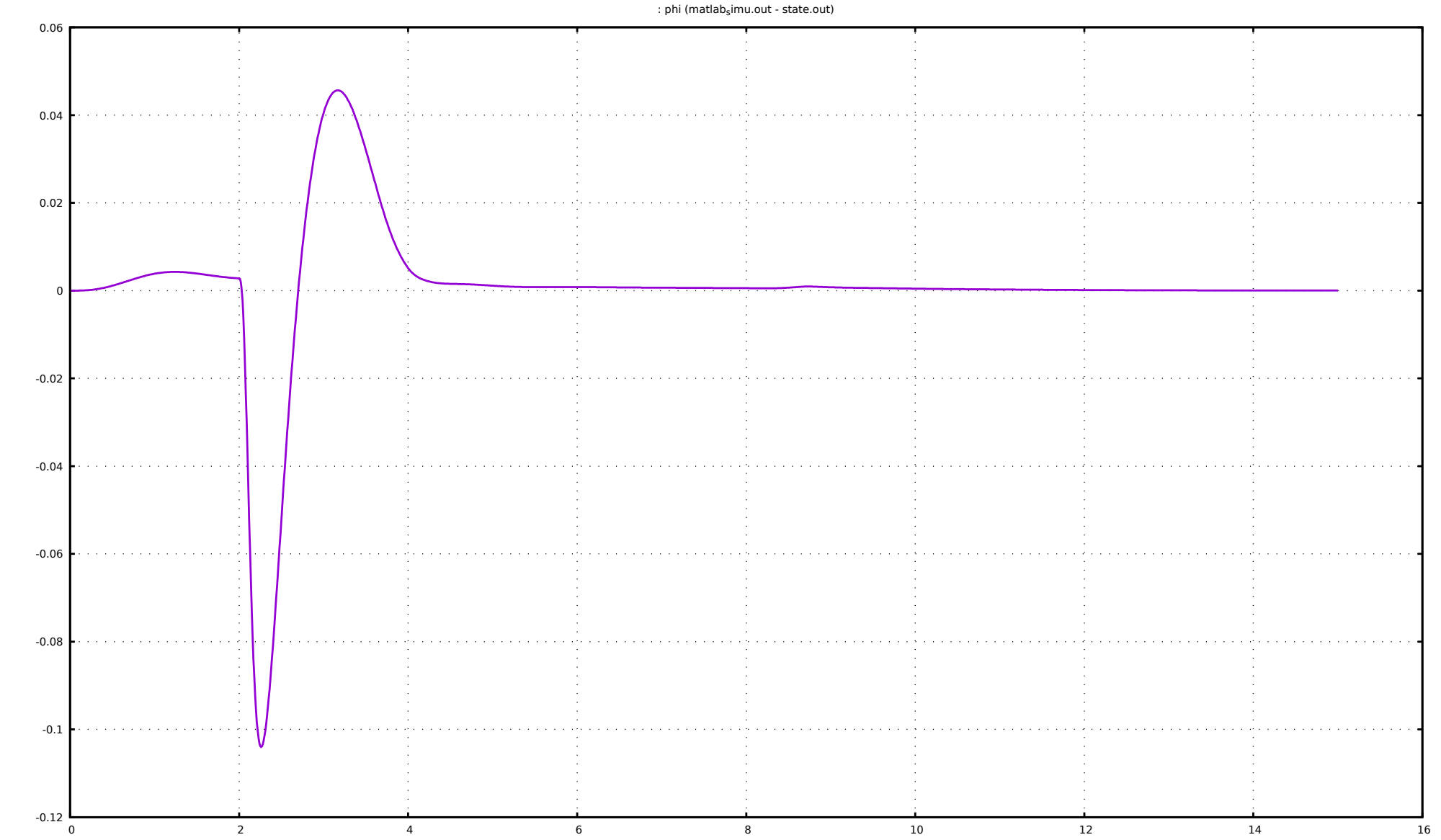

: vt (comparison)
matlab_simu.out
state.out
660
640
620
600
580
560
540
0
2
4
6
8
10
12
14
16

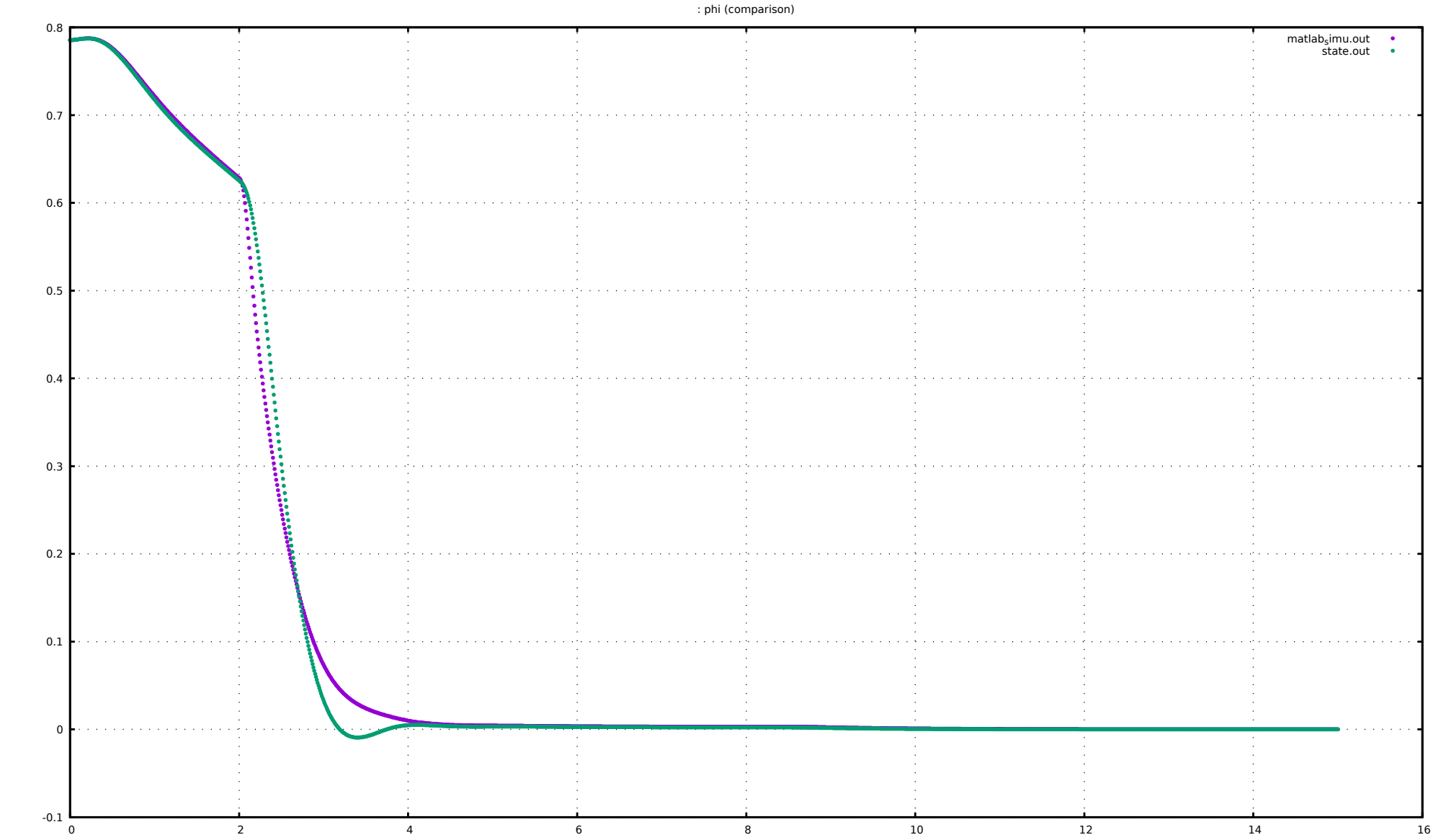

: alpha (matlab_simu.out - state.out)
0.15
0.1
0.05
0
-0.05
-0.1
-0.15
0
2
4
6
8
10
12
14
16

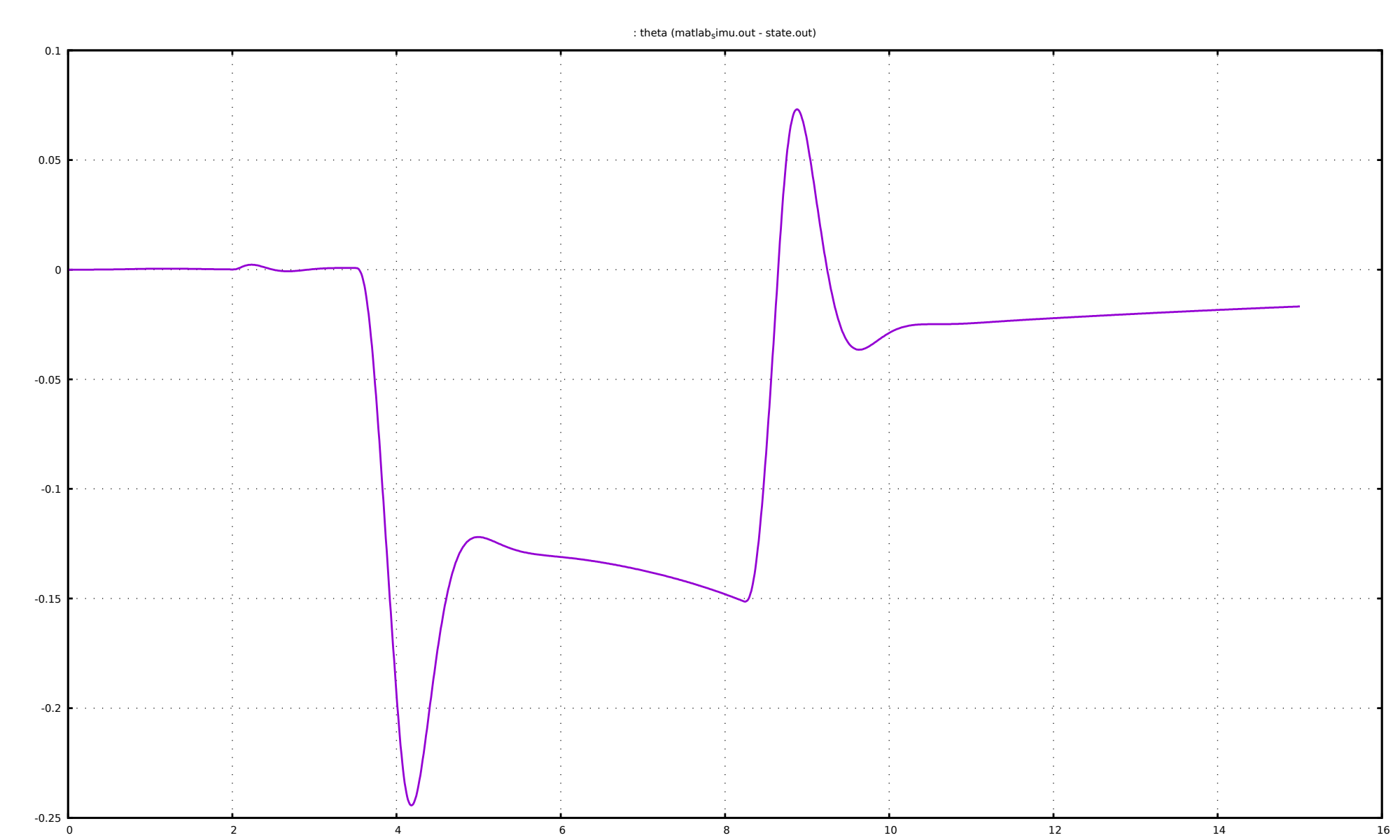

: alpha (comparison)
matlab_simu.out
state.out
0.18
0.16
0.14
0.12
0.1
0.08
0.06
0.04
0.02
0
-0.02
0
2
4
6
8
10
12
14
16

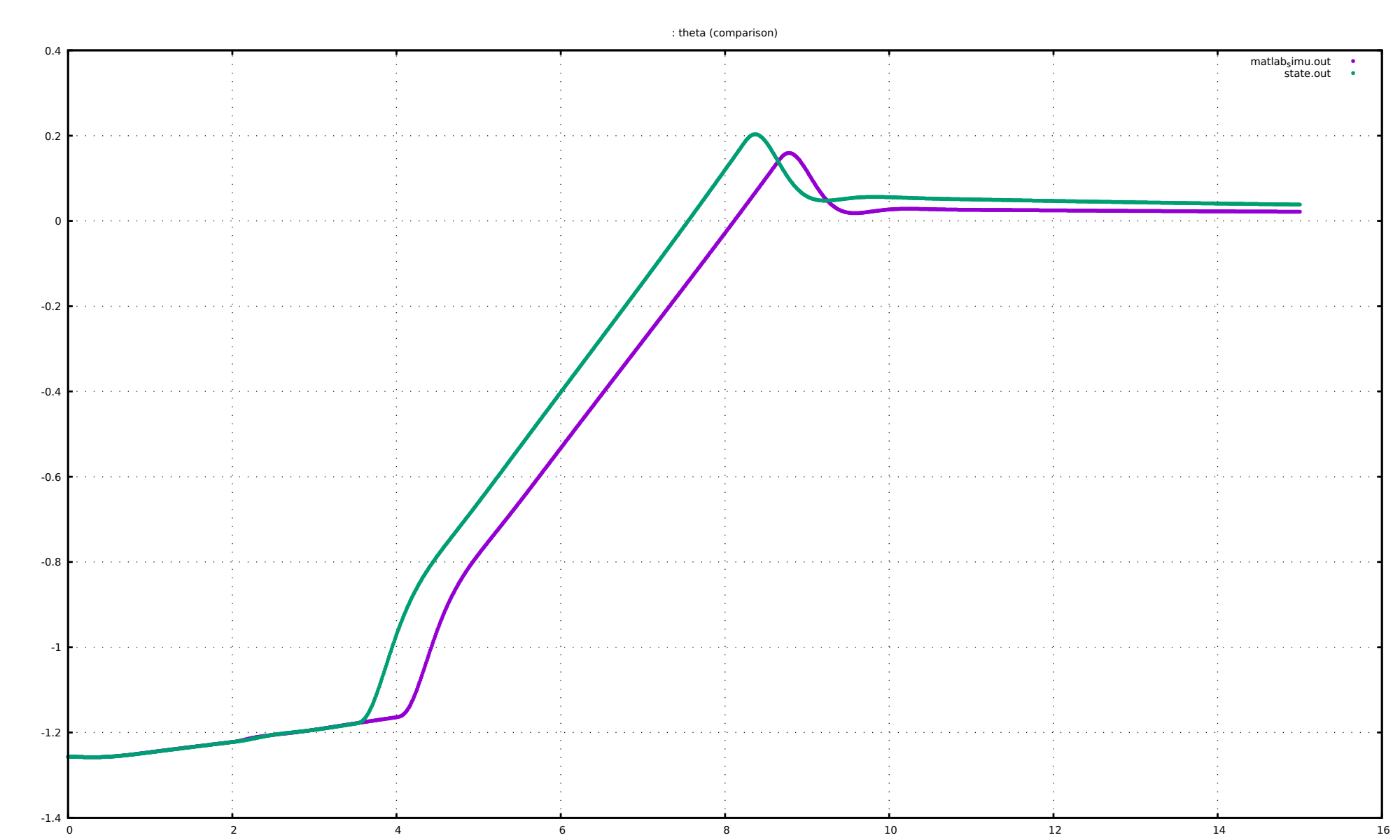

: beta (matlab_simu.out - state.out)
0.004
0.003
0.002
0.001
0
-0.001
-0.002
-0.003
-0.004
-0.005
0
2
4
6
8
10
12
14
16

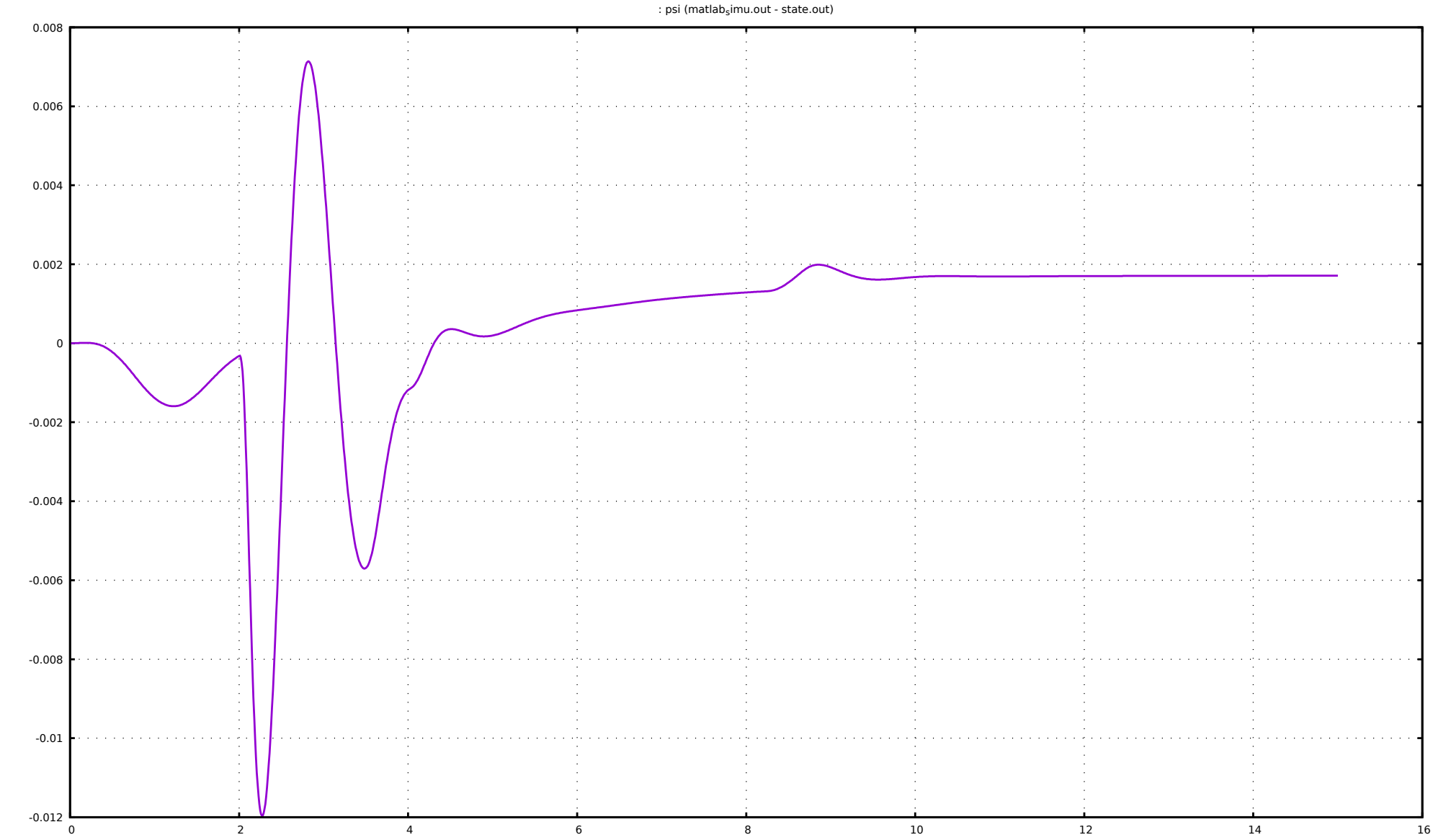

: beta (comparison)
matlab_simu.out
state.out
0.012
0.01
0.008
0.006
0.004
0.002
0
-0.002
-0.004
0
2
4
6
8
10
12
14
16

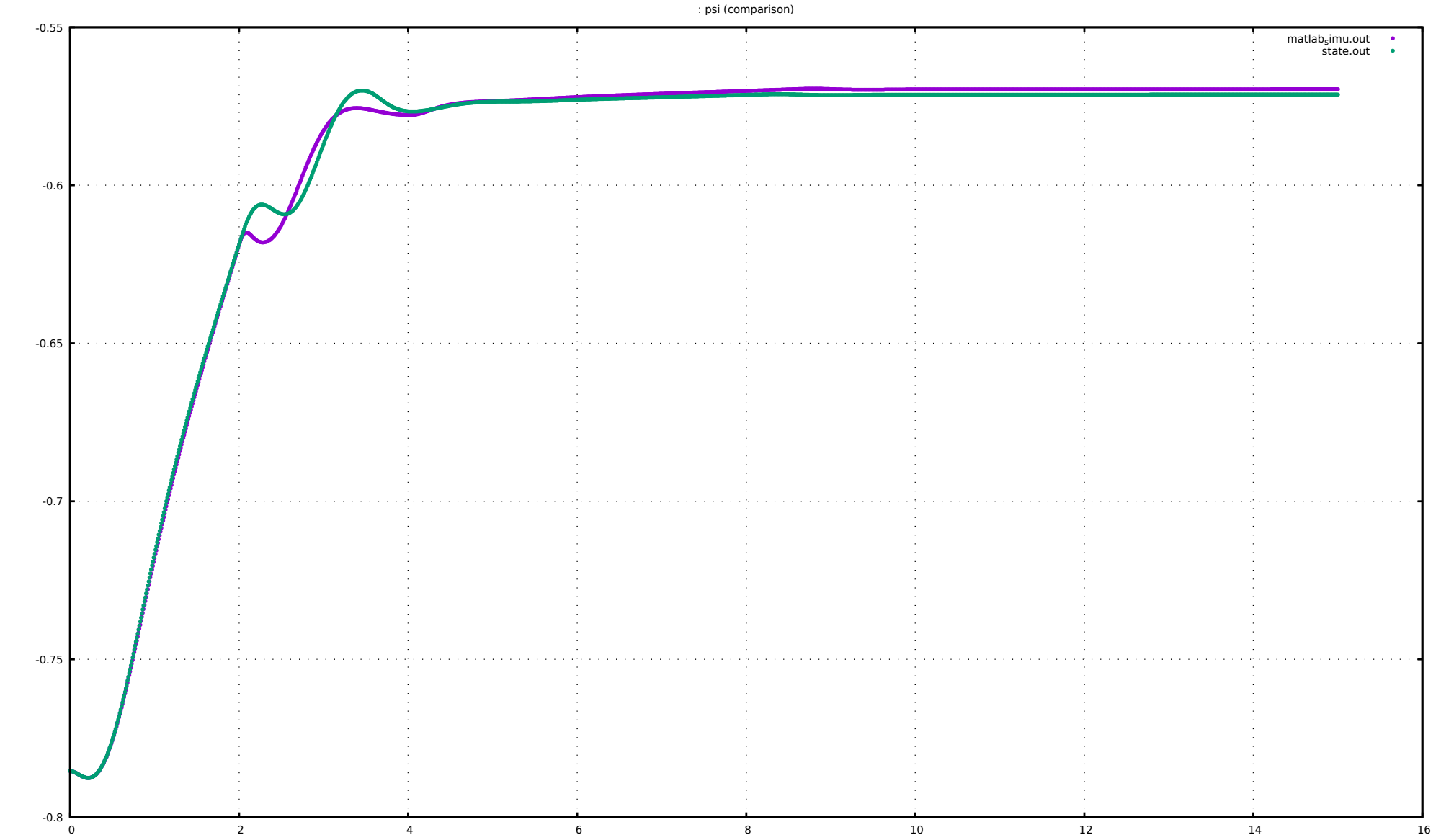

: phi (matlab_simu.out - state.out)
0.06
0.04
0.02
0
-0.02
-0.04
-0.06
-0.08
-0.1
-0.12
0
2
4
6
8
10
12
14
16

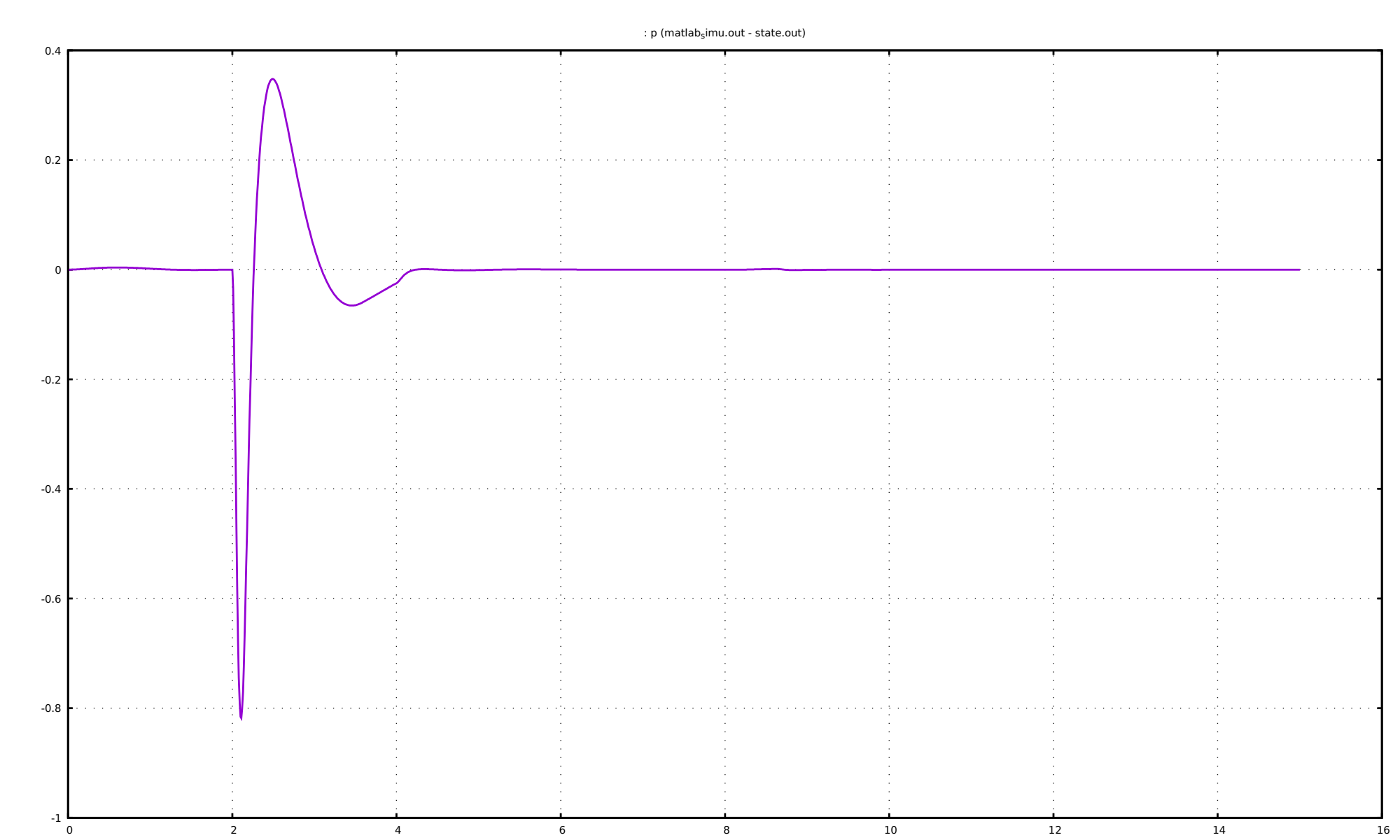

: phi (comparison)
matlab_simu.out
state.out
0.8
0.7
0.6
0.5
0.4
0.3
0.2
0.1
0
-0.1
0
2
4
6
8
10
12
14
16

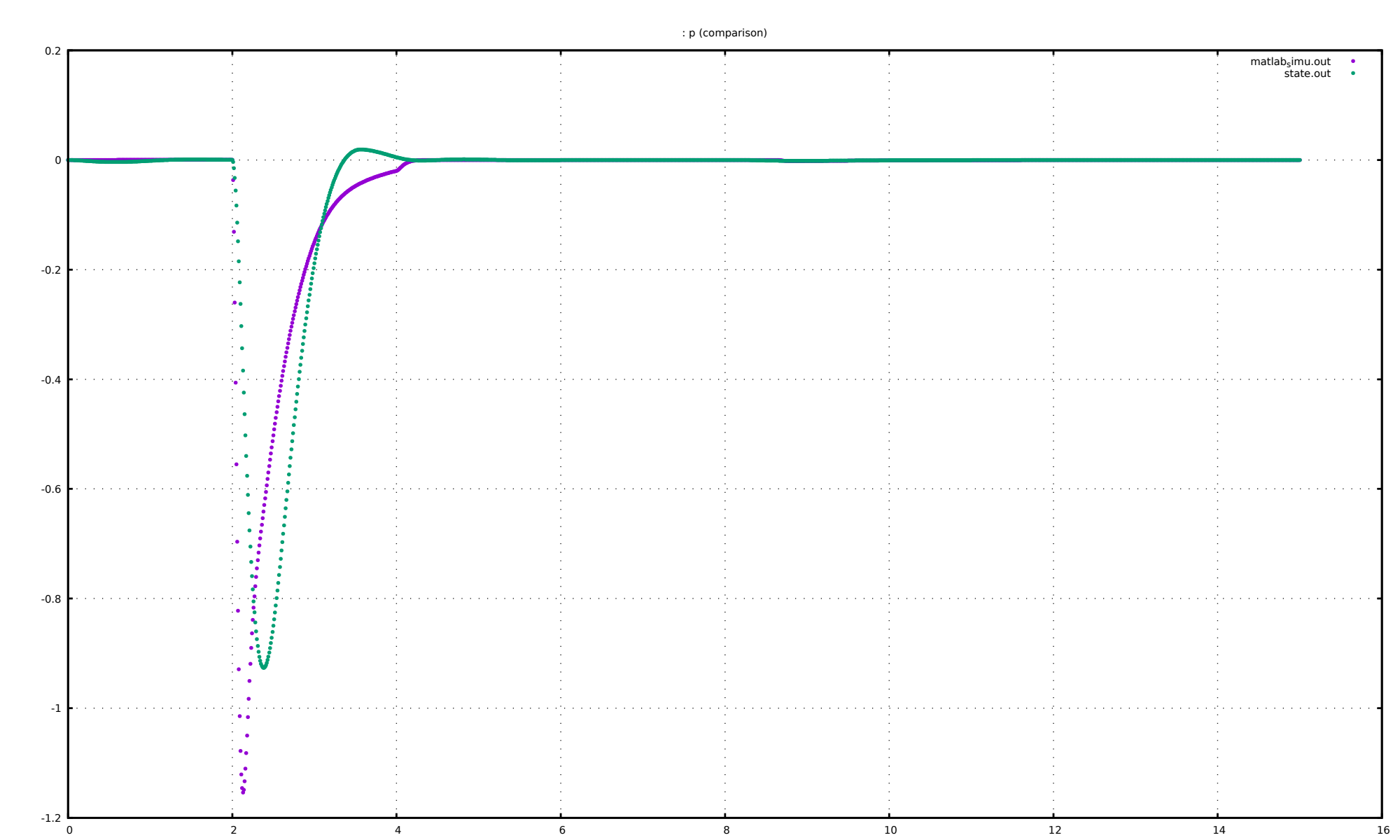

: theta (matlab_simu.out - state.out)
0.1
0.05
0
-0.05
-0.1
-0.15
-0.2
-0.25
0
2
4
6
8
10
12
14
16

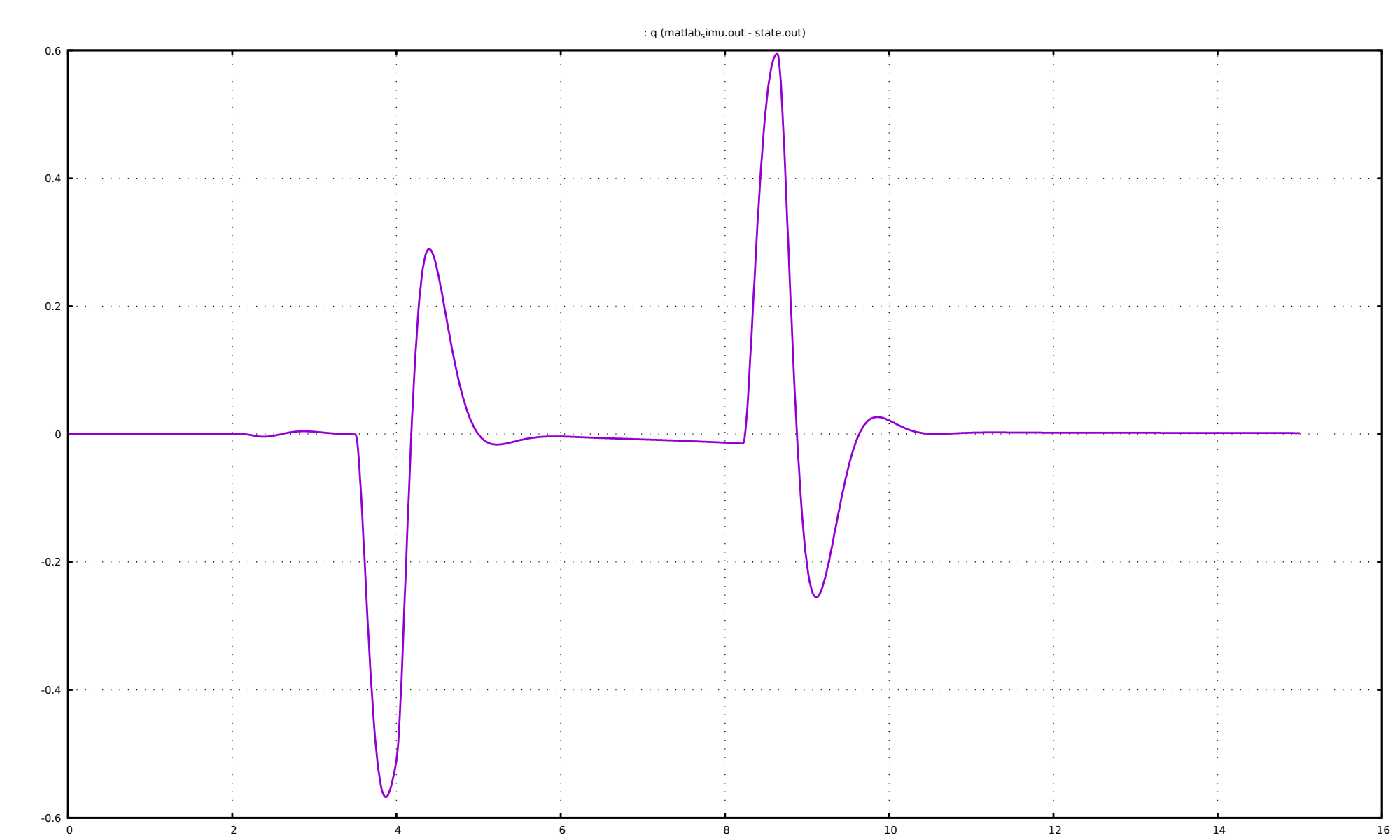

: theta (comparison)
matlab_simu.out
state.out
0.4
0.2
0
-0.2
-0.4
-0.6
-0.8
-1
-1.2
-1.4
0
2
4
6
8
10
12
14
16

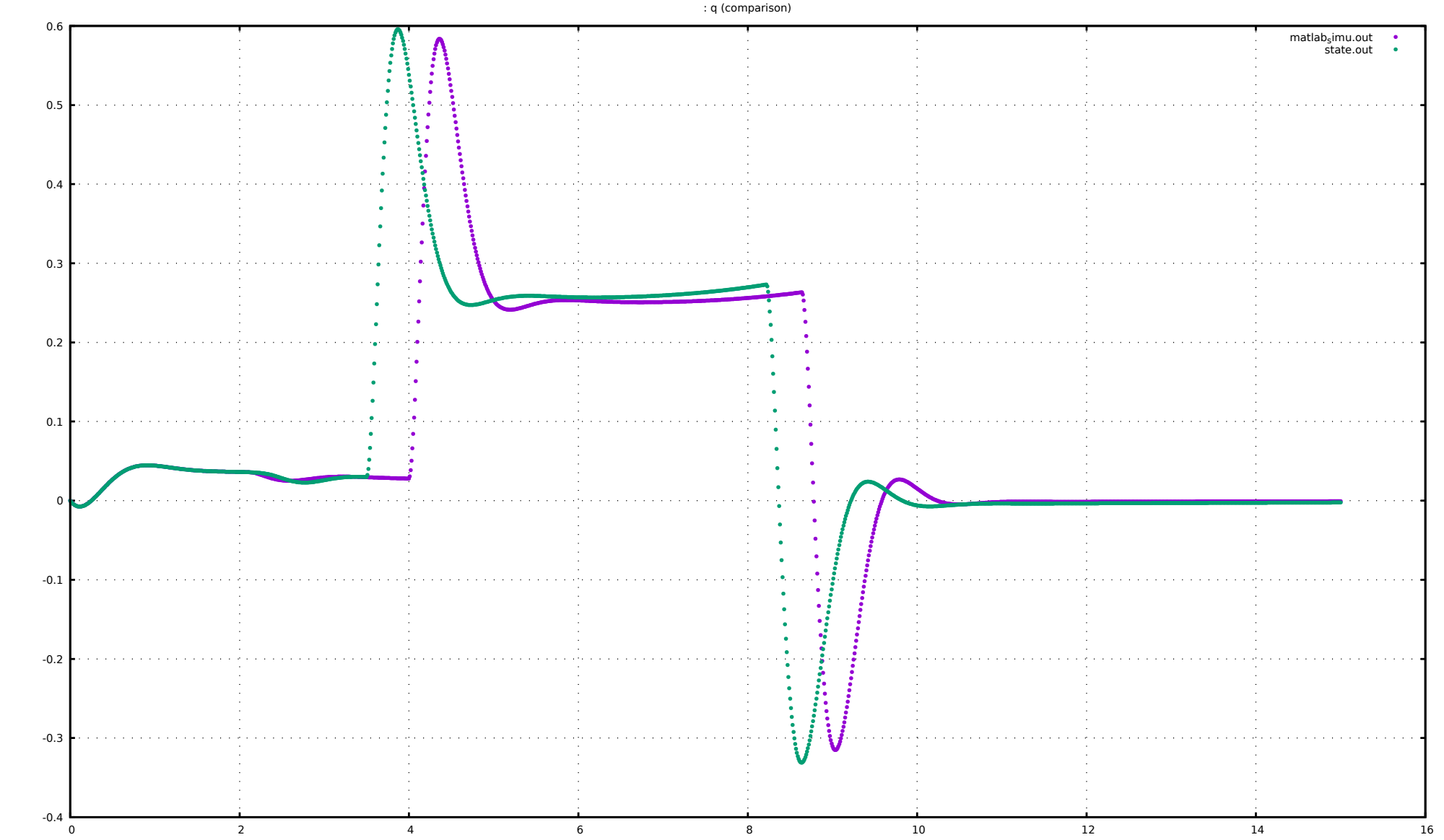

: psi (matlab_simu.out - state.out)
0.008
0.006
0.004
0.002
0
-0.002
-0.004
-0.006
-0.008
-0.01
-0.012
0
2
4
6
8
10
12
14
16

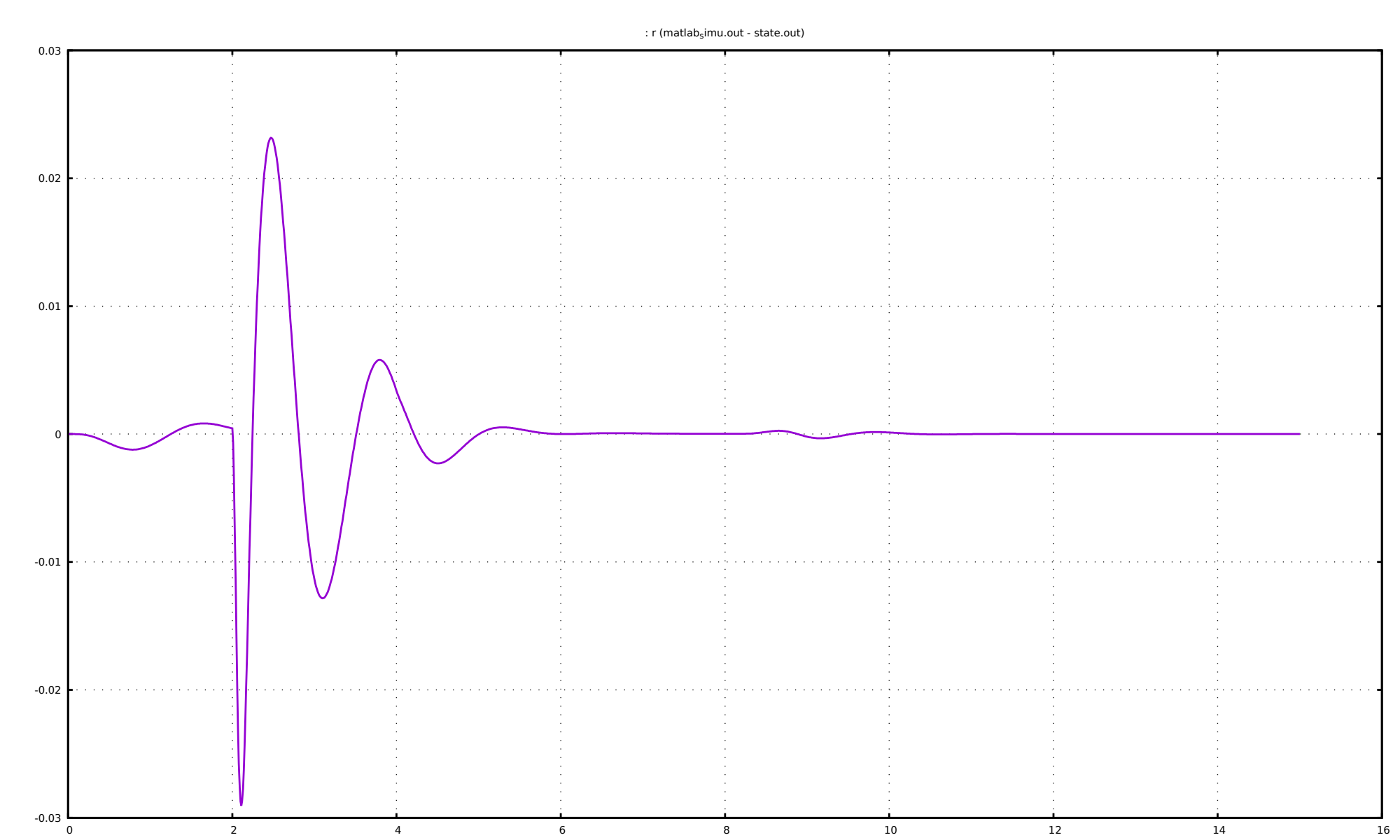

: psi (comparison)
matlab_simu.out
state.out
-0.55
-0.6
-0.65
-0.7
-0.75
-0.8
0
2
4
6
8
10
12
14
16

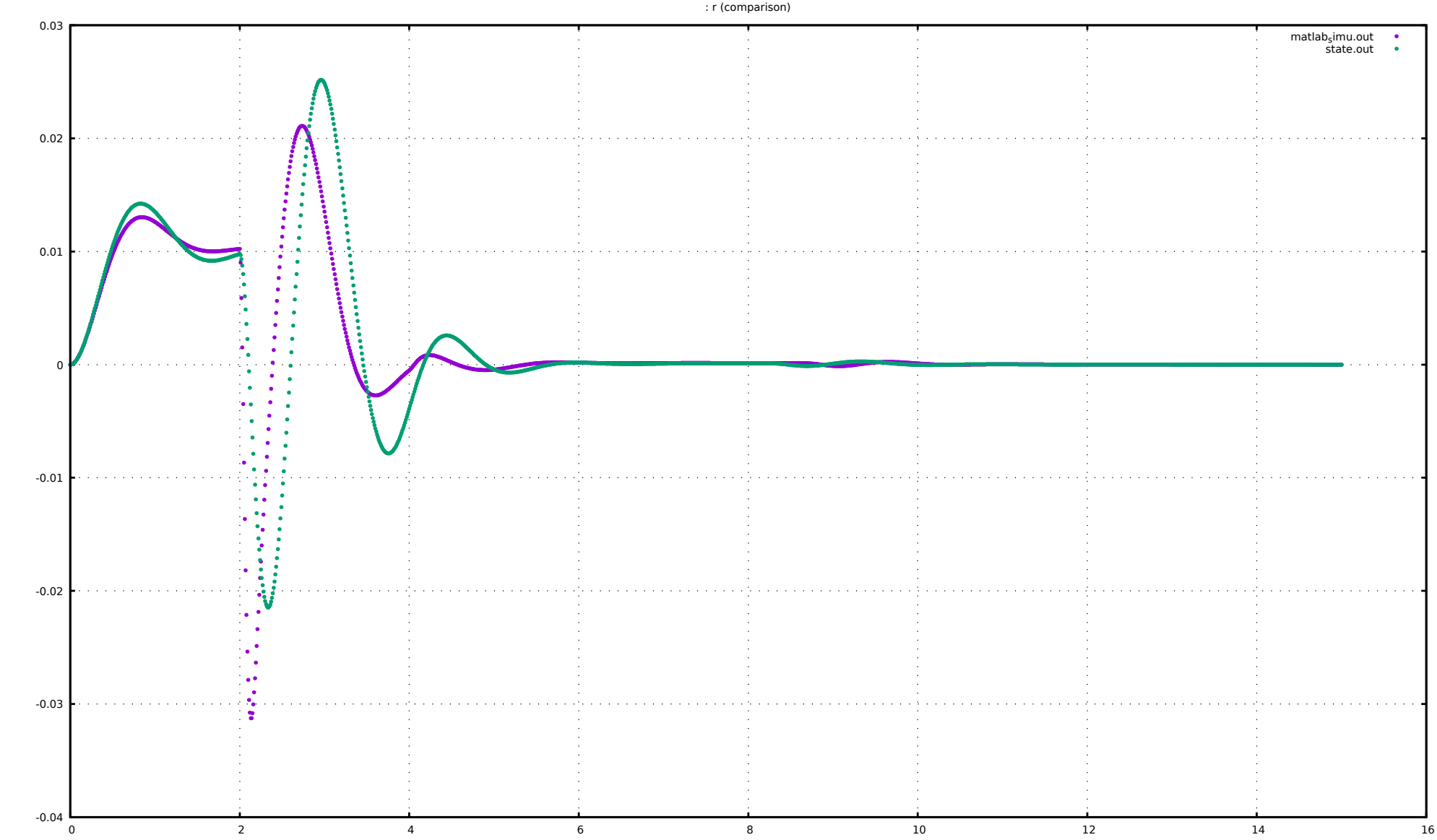

: p (matlab_simu.out - state.out)
0.4
0.2
0
-0.2
-0.4
-0.6
-0.8
-1
0
2
4
6
8
10
12
14
16

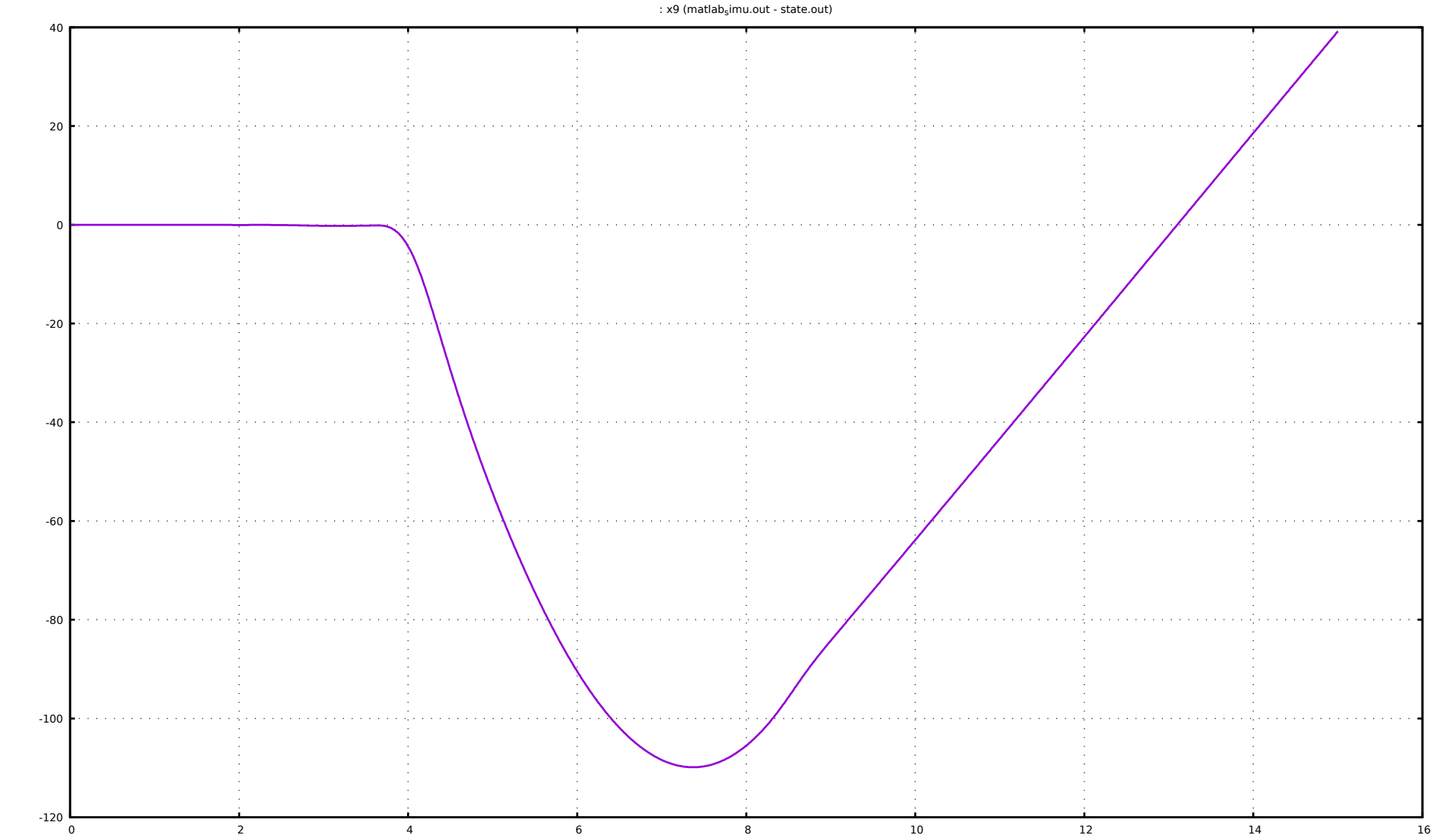

: p (comparison)
matlab_simu.out
state.out
0.2
0
-0.2
-0.4
-0.6
-0.8
-1
-1.2
0
2
4
6
8
10
12
14
16

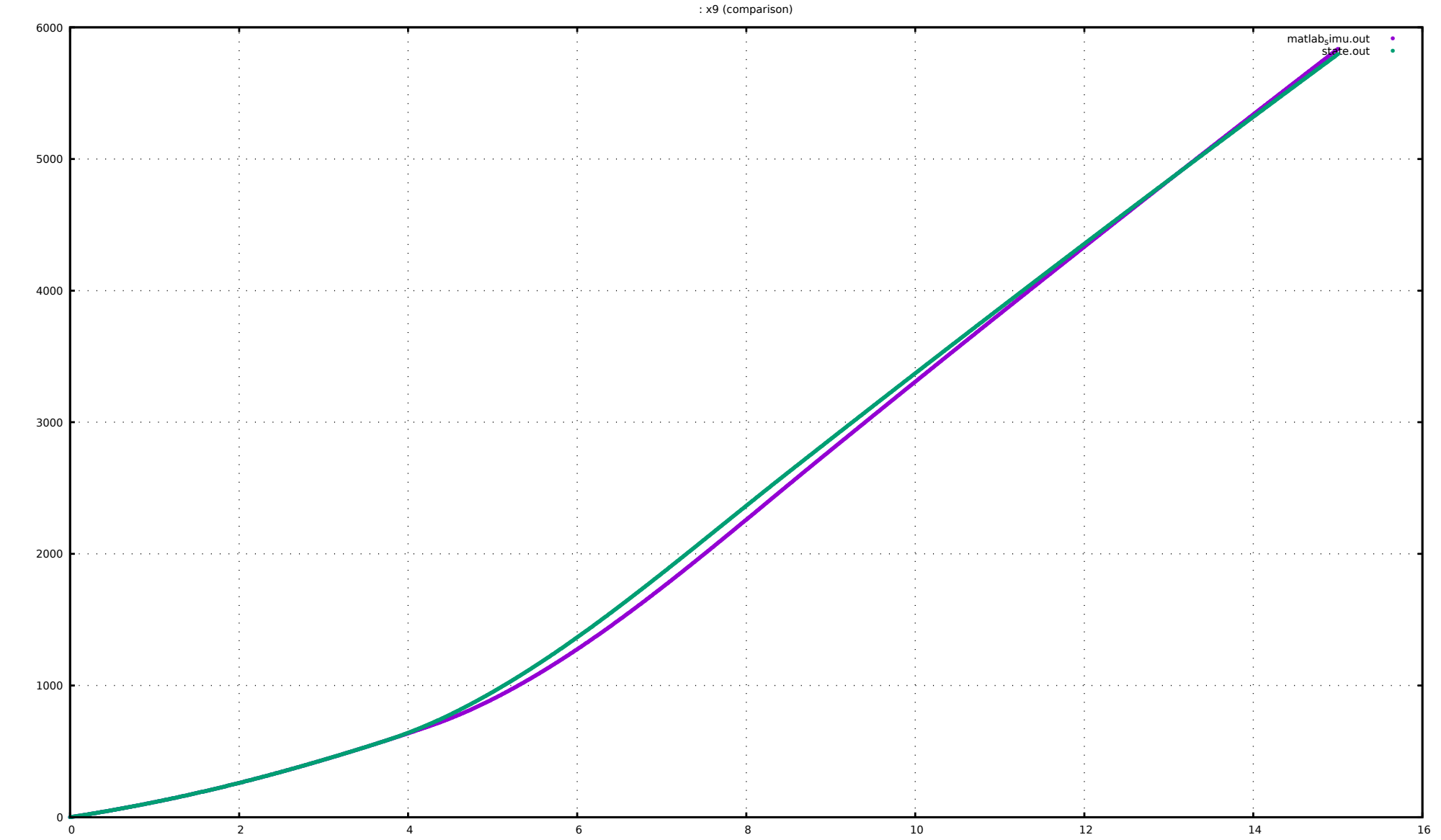

: q (matlab_simu.out - state.out)
0.6
0.4
0.2
0
-0.2
-0.4
-0.6
0
2
4
6
8
10
12
14
16

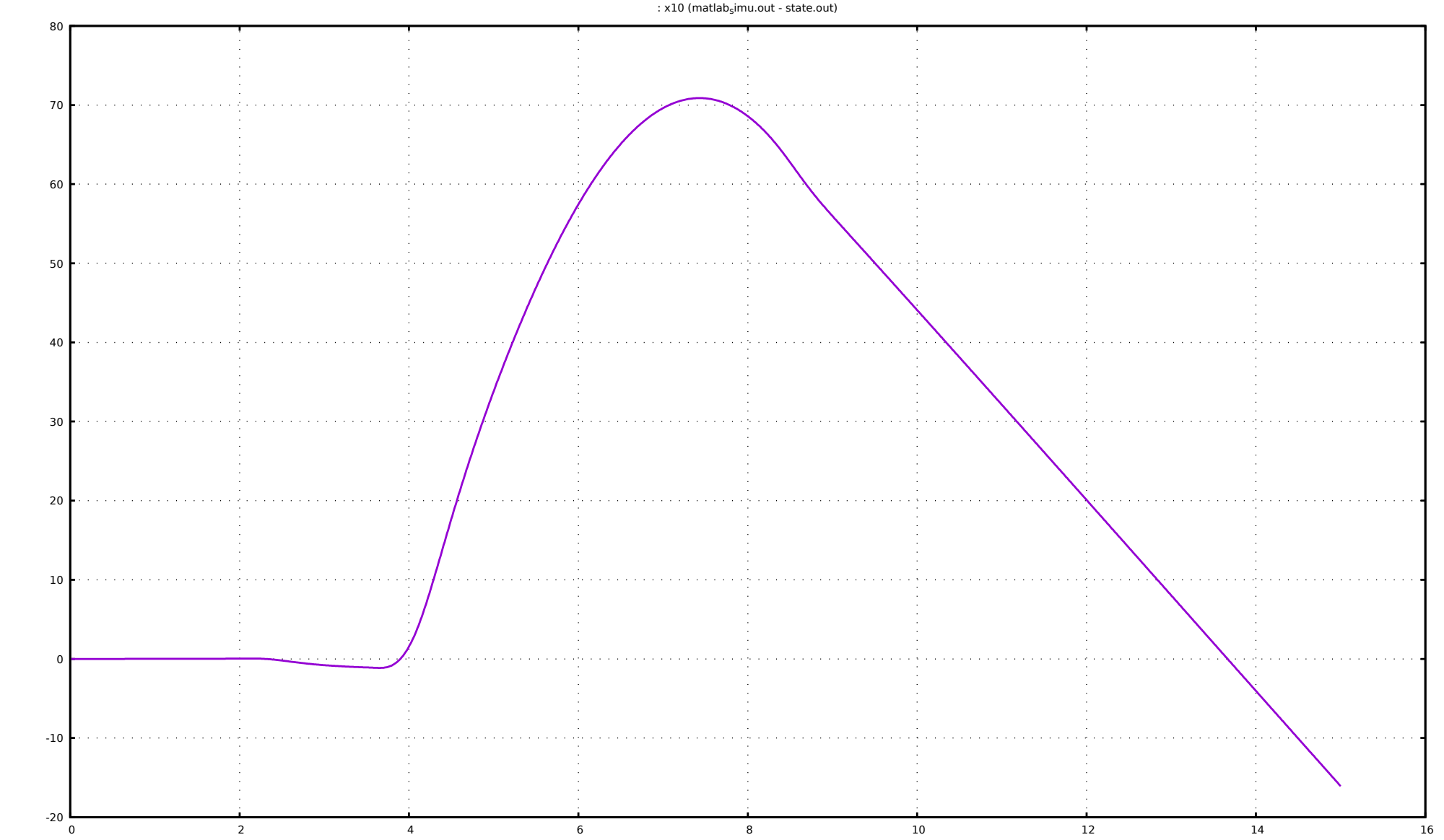

: q (comparison)
matlab_simu.out
state.out
0.6
0.5
0.4
0.3
0.2
0.1
0
-0.1
-0.2
-0.3
-0.4
0
2
4
6
8
10
12
14
16

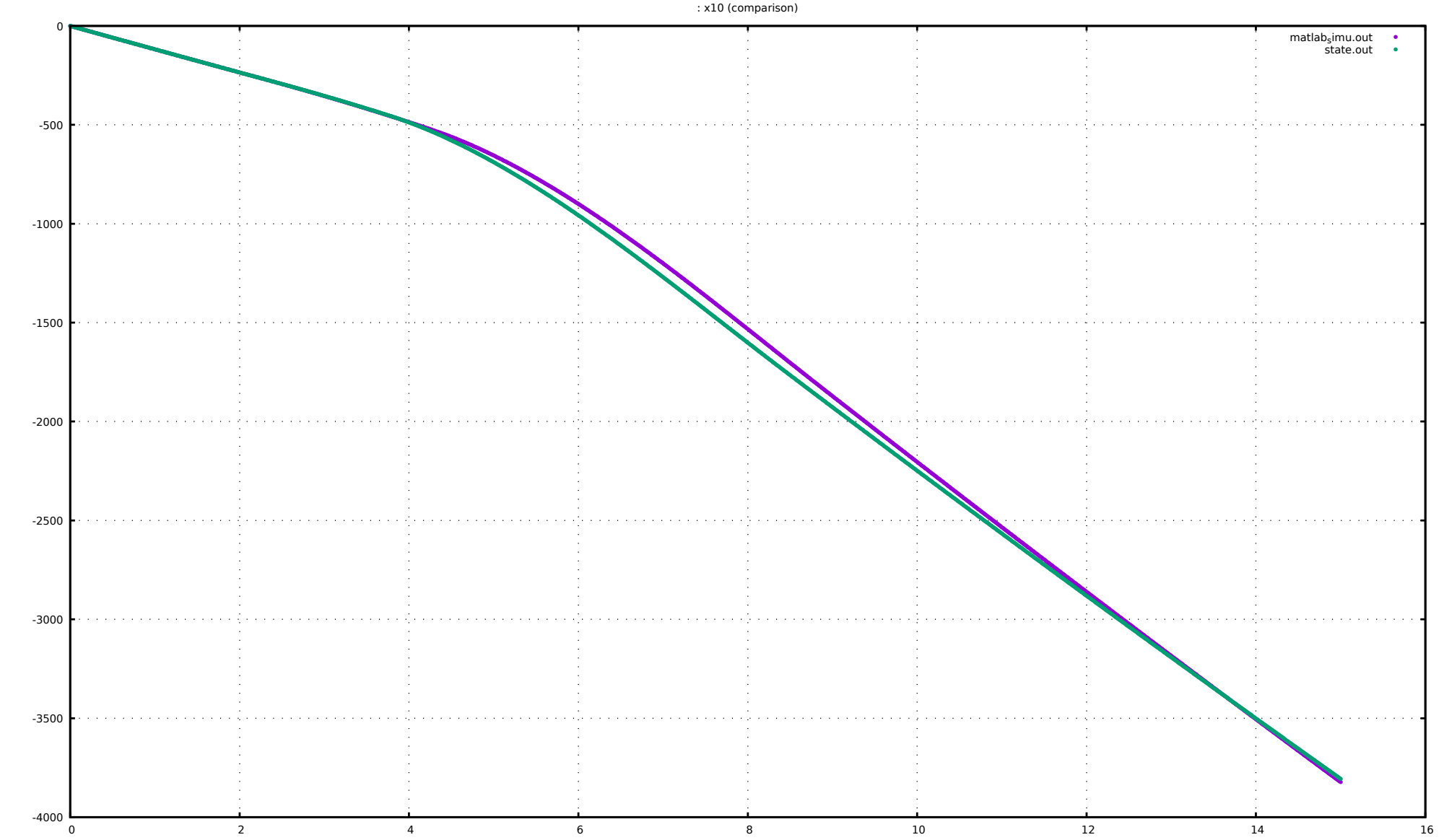

: r (matlab_simu.out - state.out)
0.03
0.02
0.01
0
-0.01
-0.02
-0.03
0
2
4
6
8
10
12
14
16

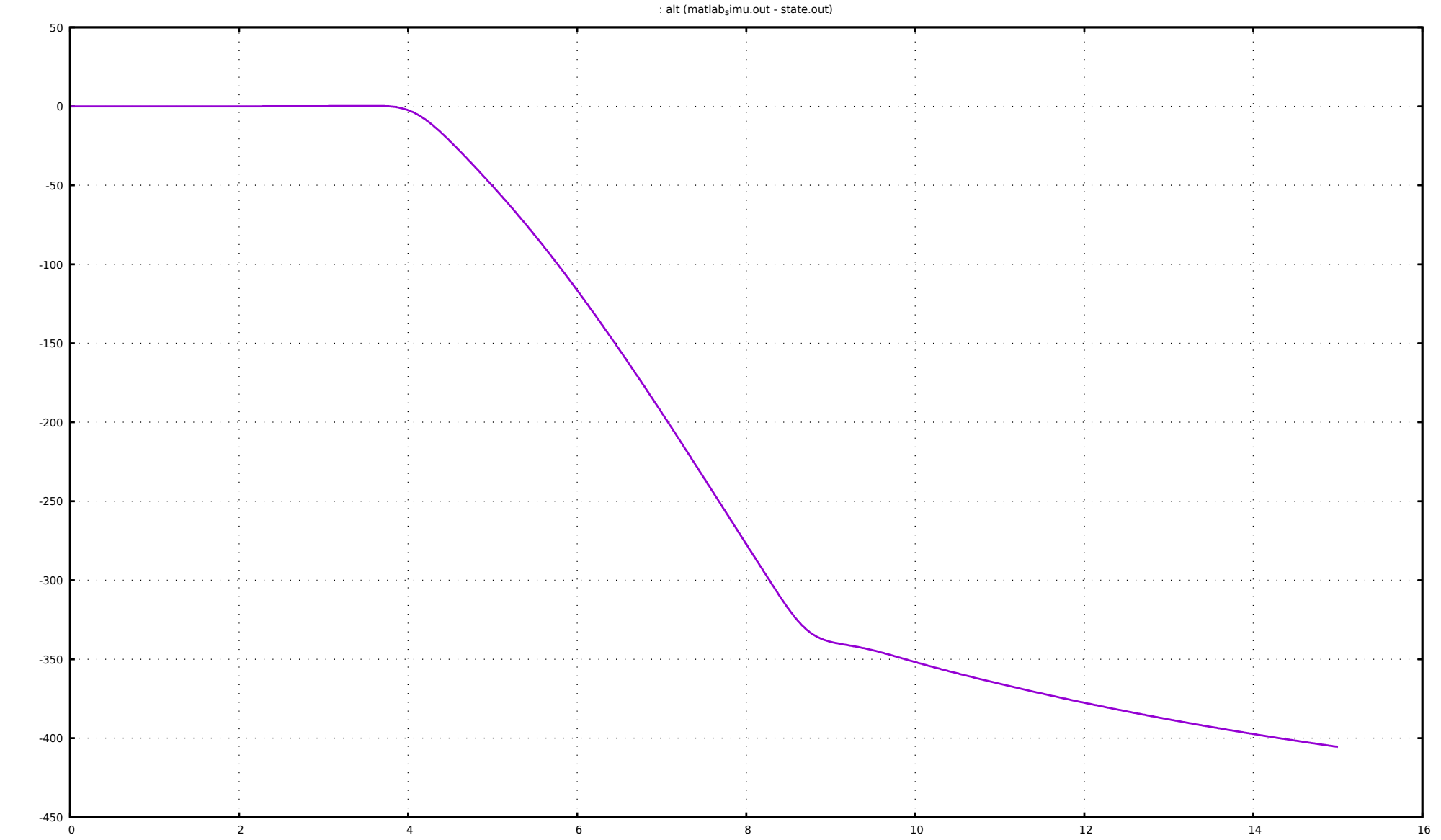

: r (comparison)
matlab_simu.out
state.out
0.03
0.02
0.01
0
-0.01
-0.02
-0.03
-0.04
0
2
4
6
8
10
12
14
16

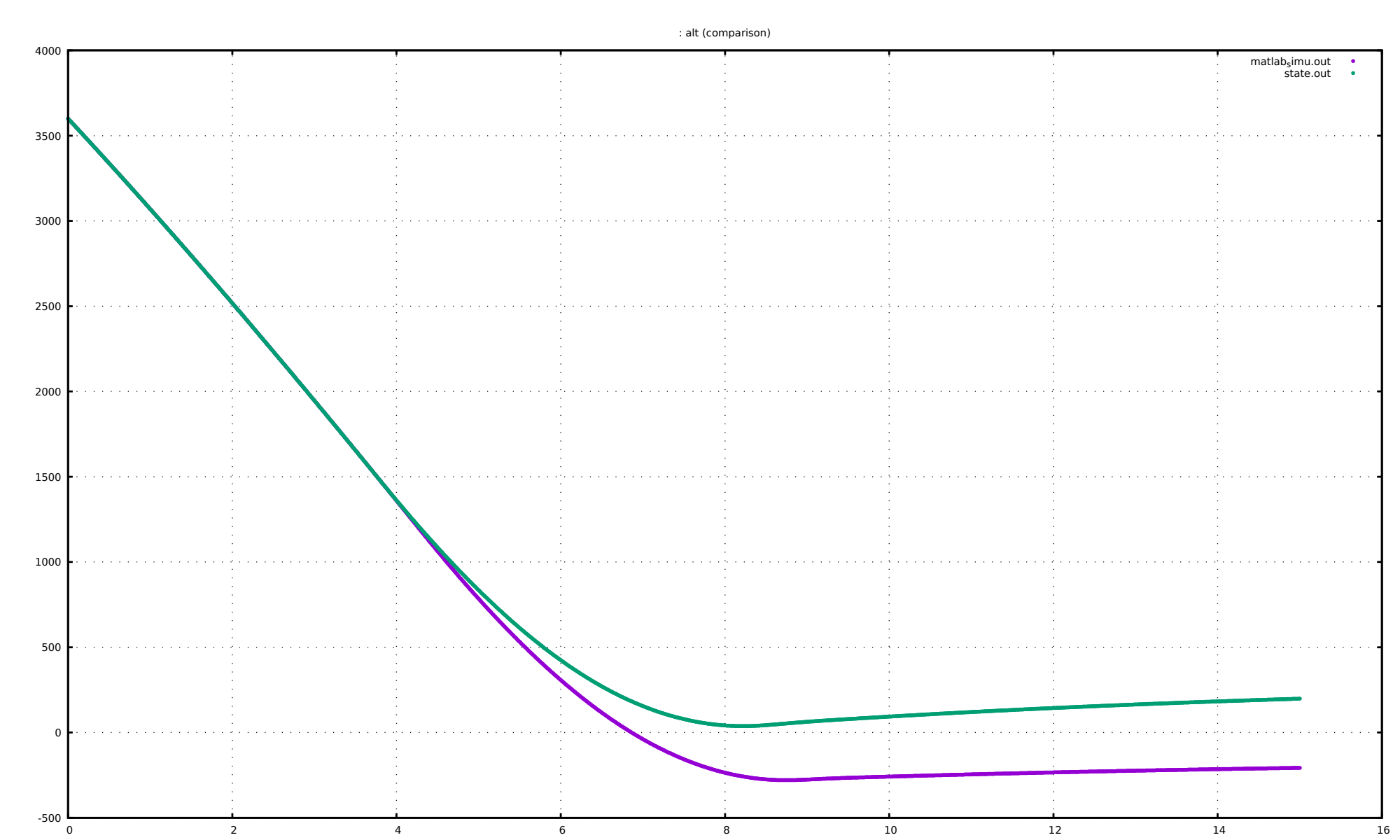

: x9 (matlab_simu.out - state.out)
40
20
0
-20
-40
-60
-80
-100
-120
0
2
4
6
8
10
12
14
16

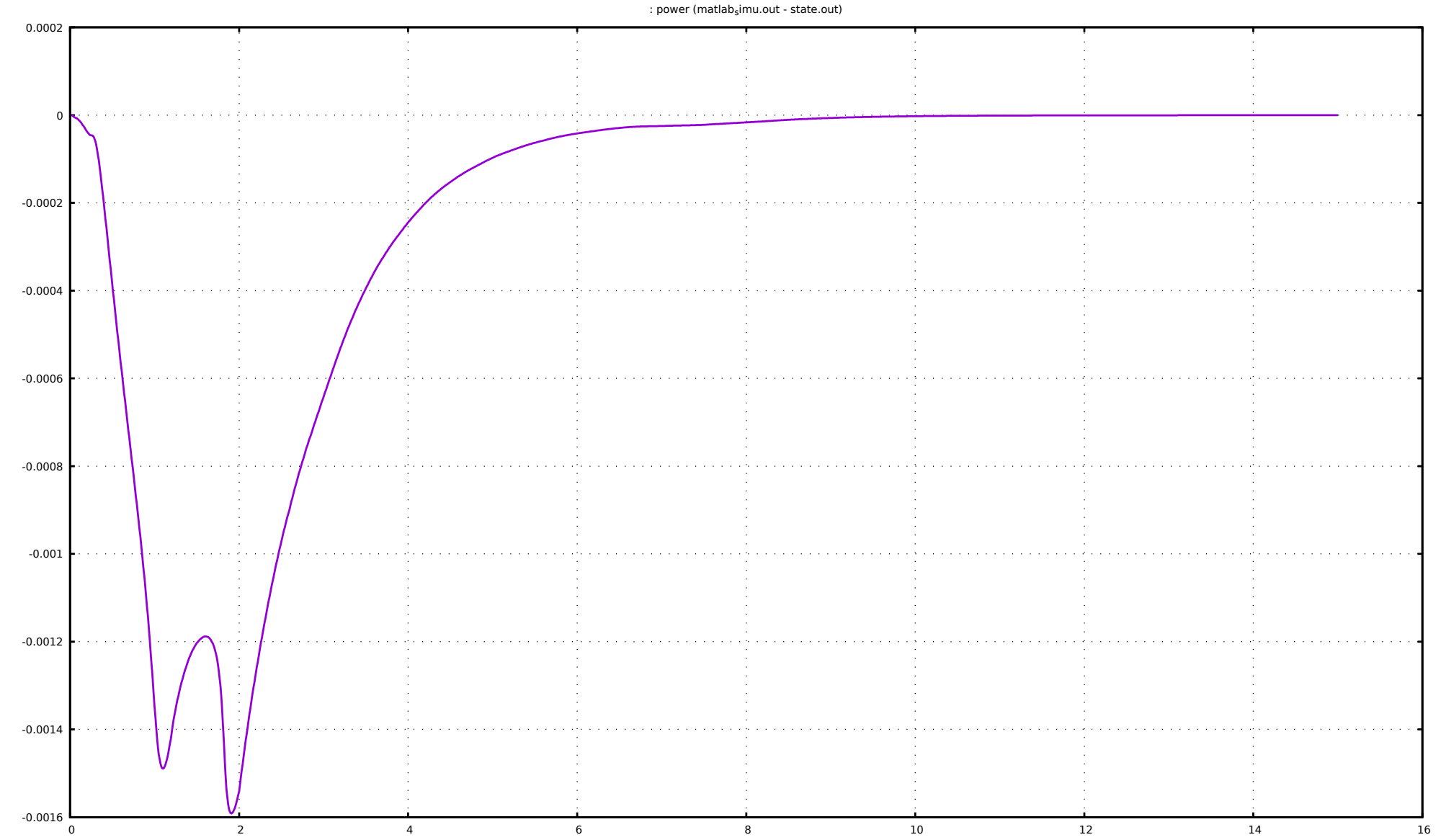

: x9 (comparison)
matlab_simu.out
state.out
6000
5000
4000
3000
2000
1000
0
0
2
4
6
8
10
12
14
16

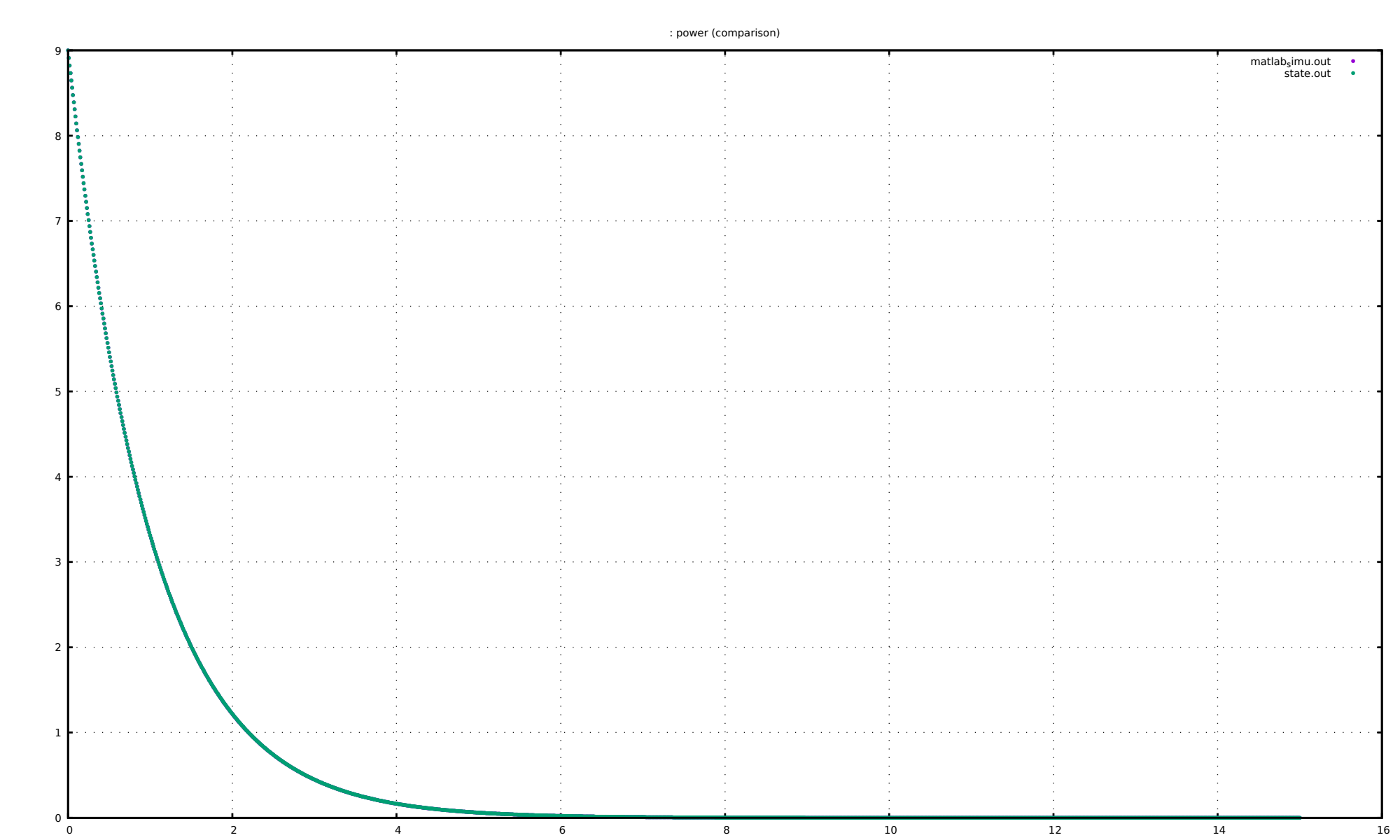

: x10 (matlab_simu.out - state.out)
80
70
60
50
40
30
20
10
0
-10
-20
0
2
4
6
8
10
12
14
16

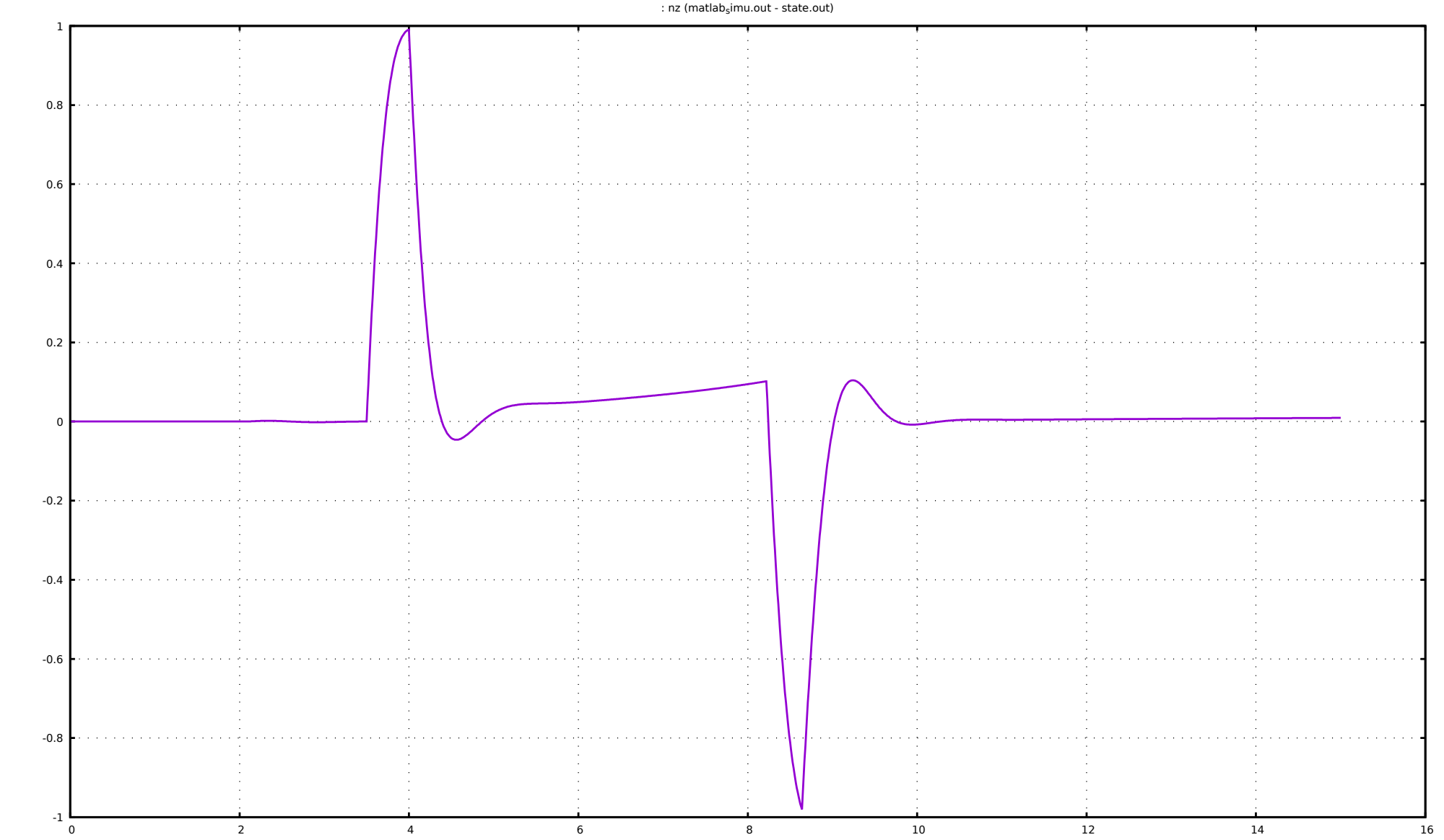

: x10 (comparison)
matlab_simu.out
state.out
0
-500
-1000
-1500
-2000
-2500
-3000
-3500
-4000
0
2
4
6
8
10
12
14
16

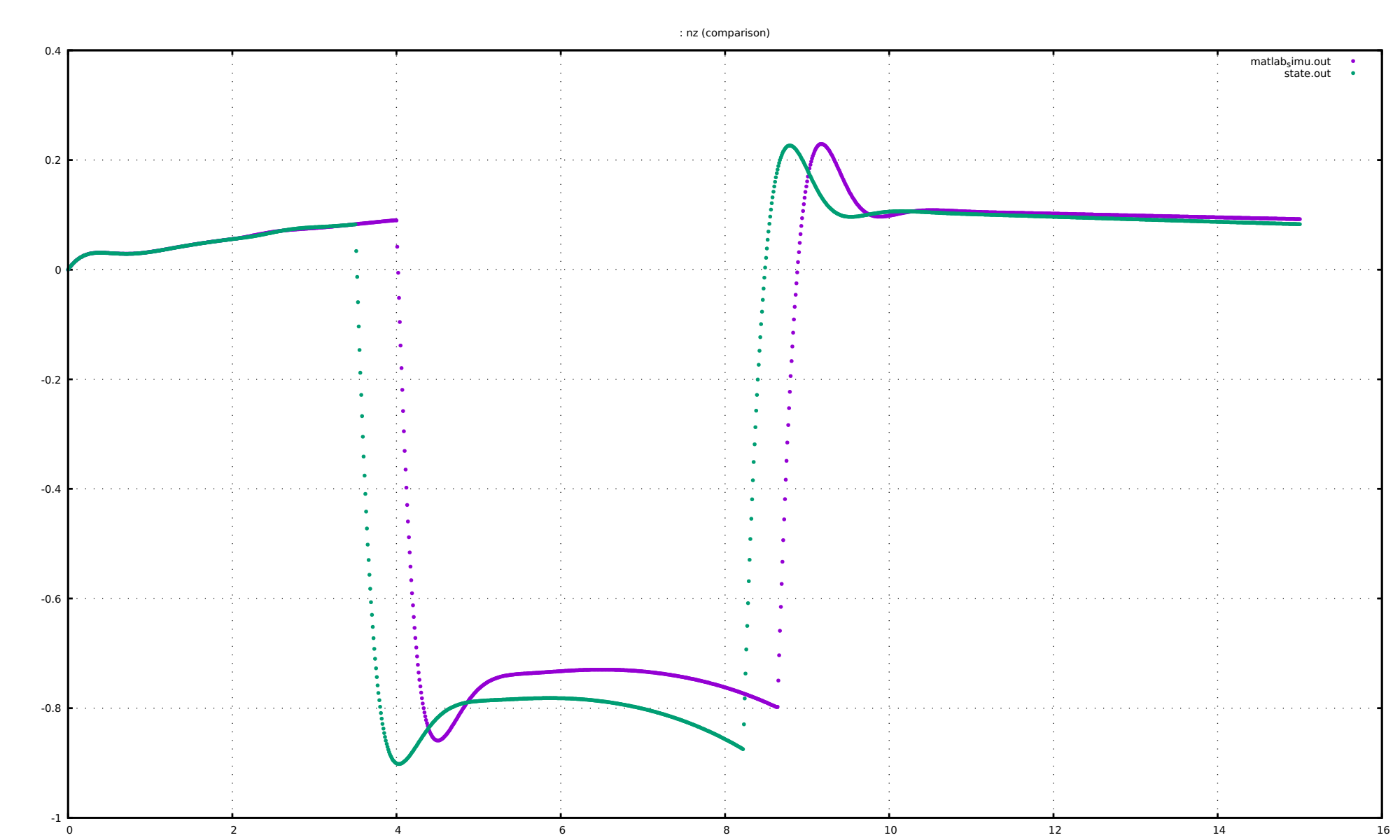

: alt (matlab_imu.out - state.out)
50
0
-50
-100
-150
-200
-250
-300
-350
-400
-450
0
2
4
6
8
10
12
14
16

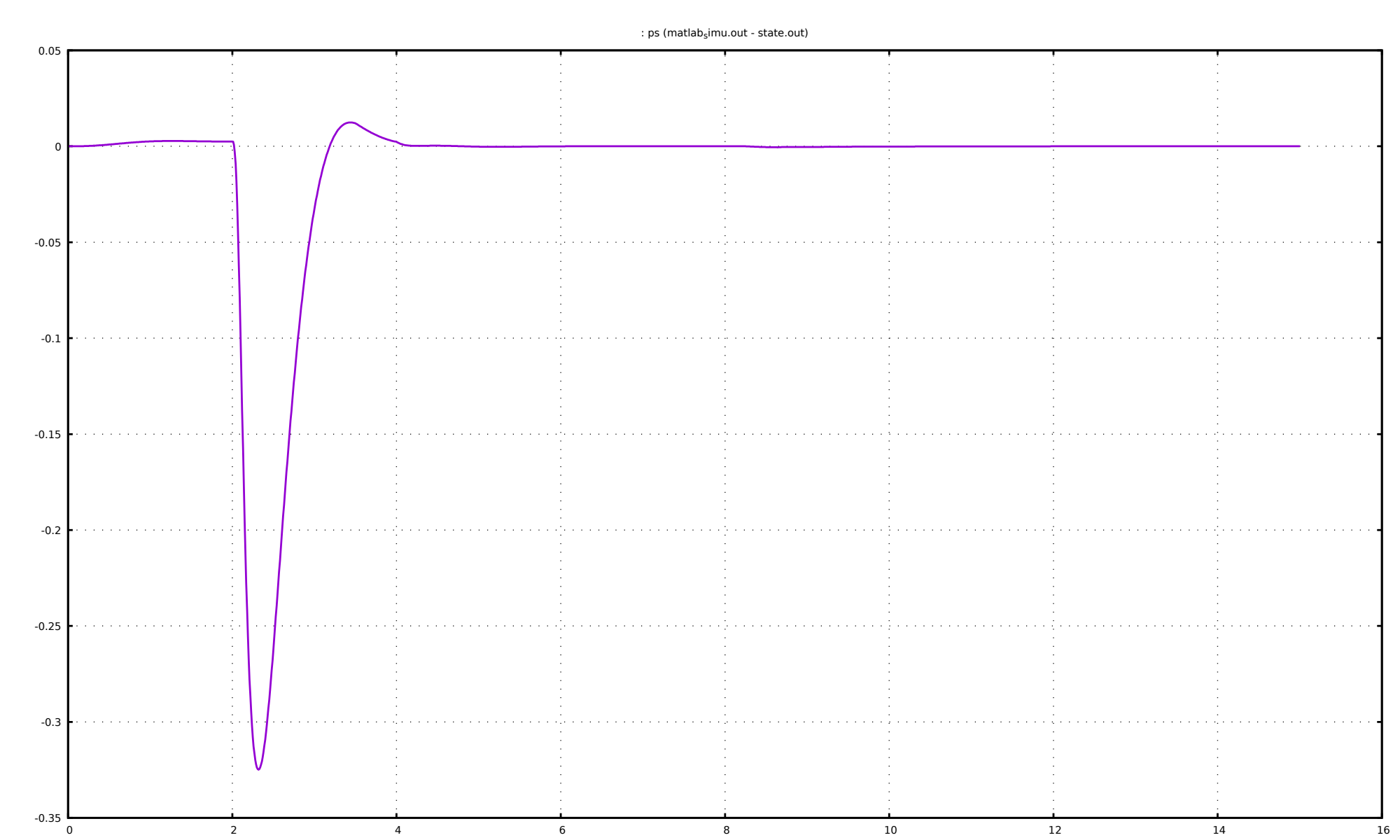

: alt (comparison)
matlab_simu.out
state.out
4000
3500
3000
2500
2000
1500
1000
500
0
-500
0
2
4
6
8
10
12
14
16

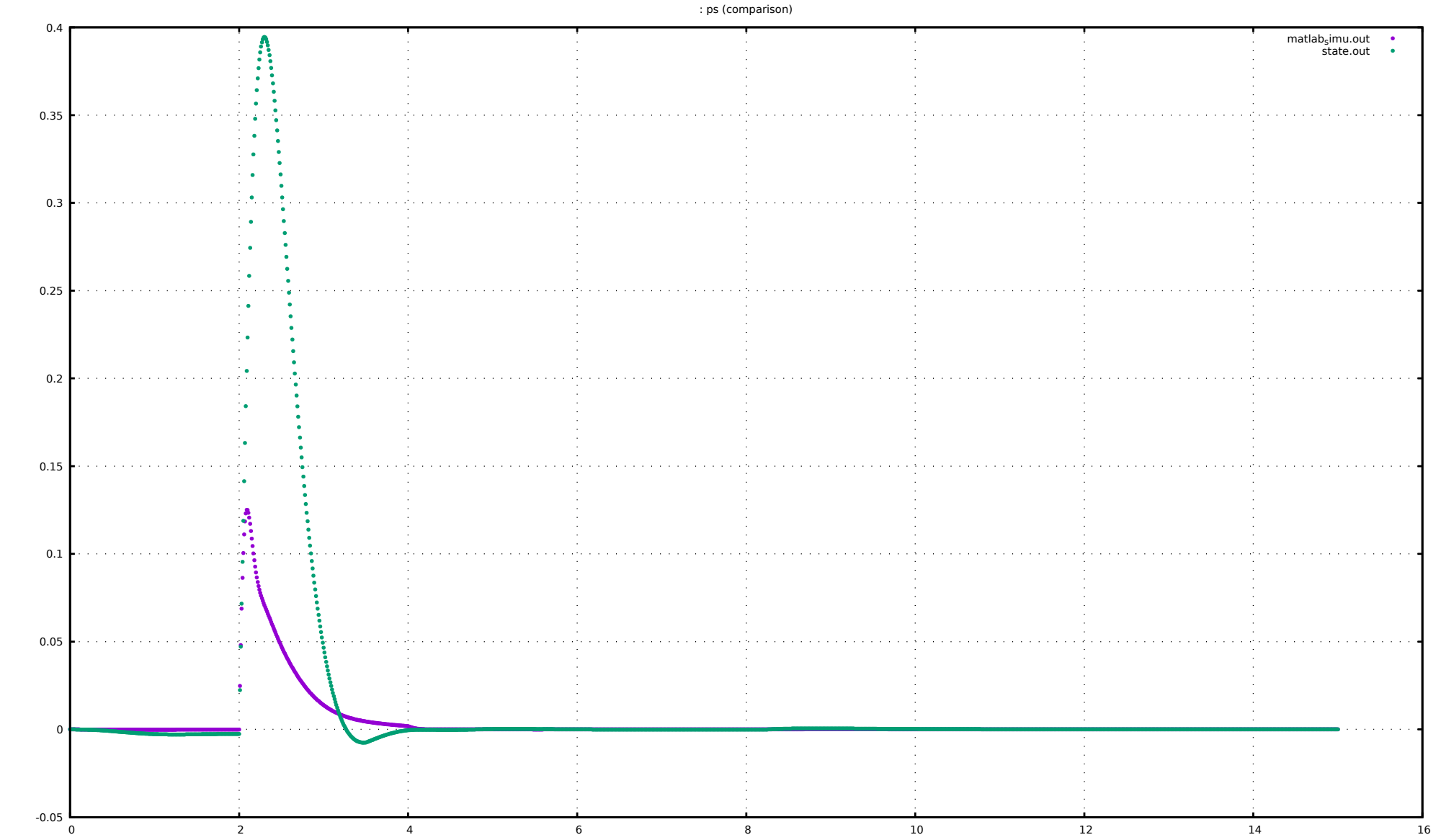

: power (matlab_imu.out - state.out)
0.0002
0
-0.0002
-0.0004
-0.0006
-0.0008
-0.001
-0.0012
-0.0014
-0.0016
0
2
4
6
8
10
12
14
16

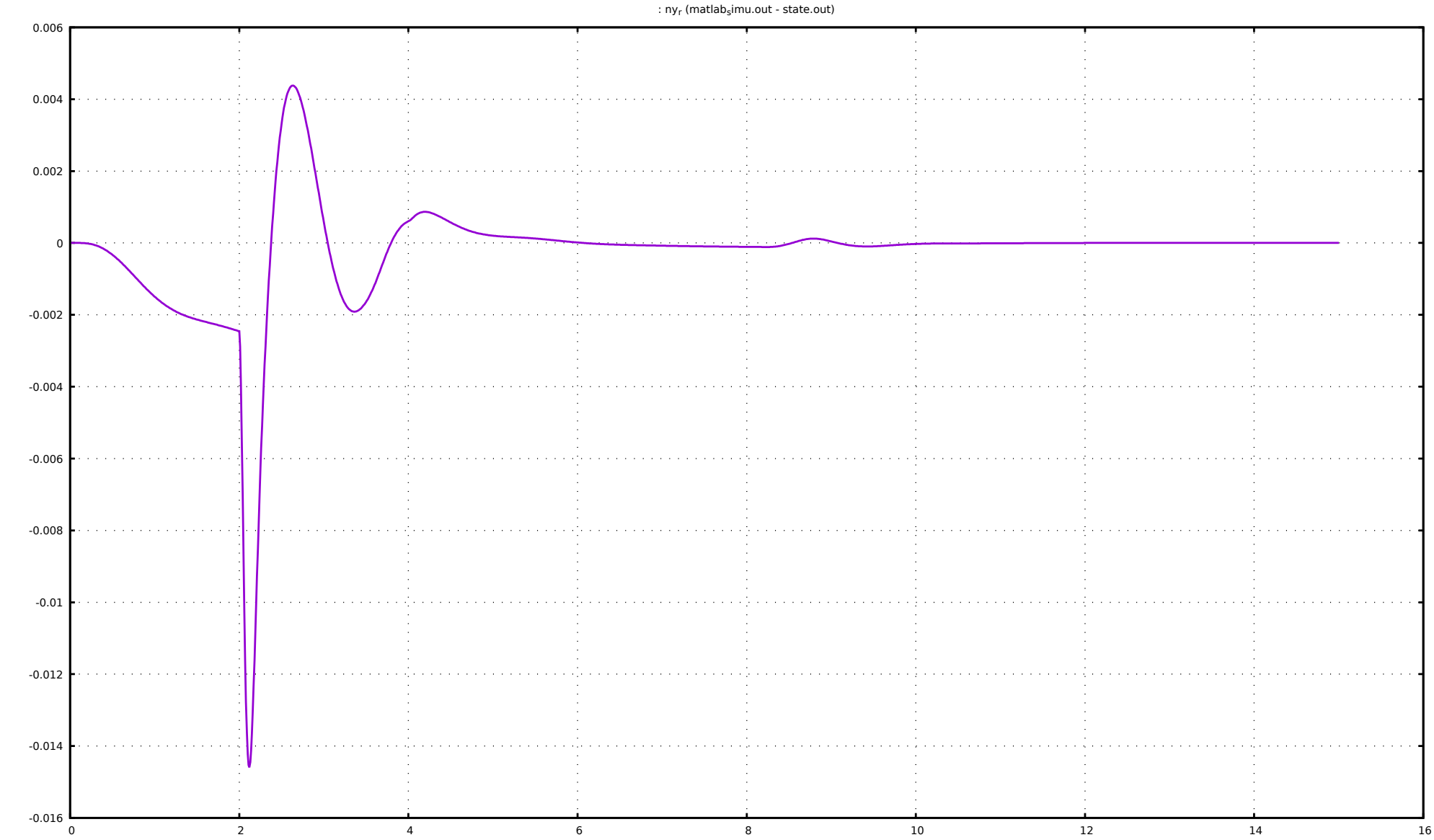

: power (comparison)
matlab_simu.out
state.out
9
8
7
6
5
4
3
2
1
0
0
2
4
6
8
10
12
14
16

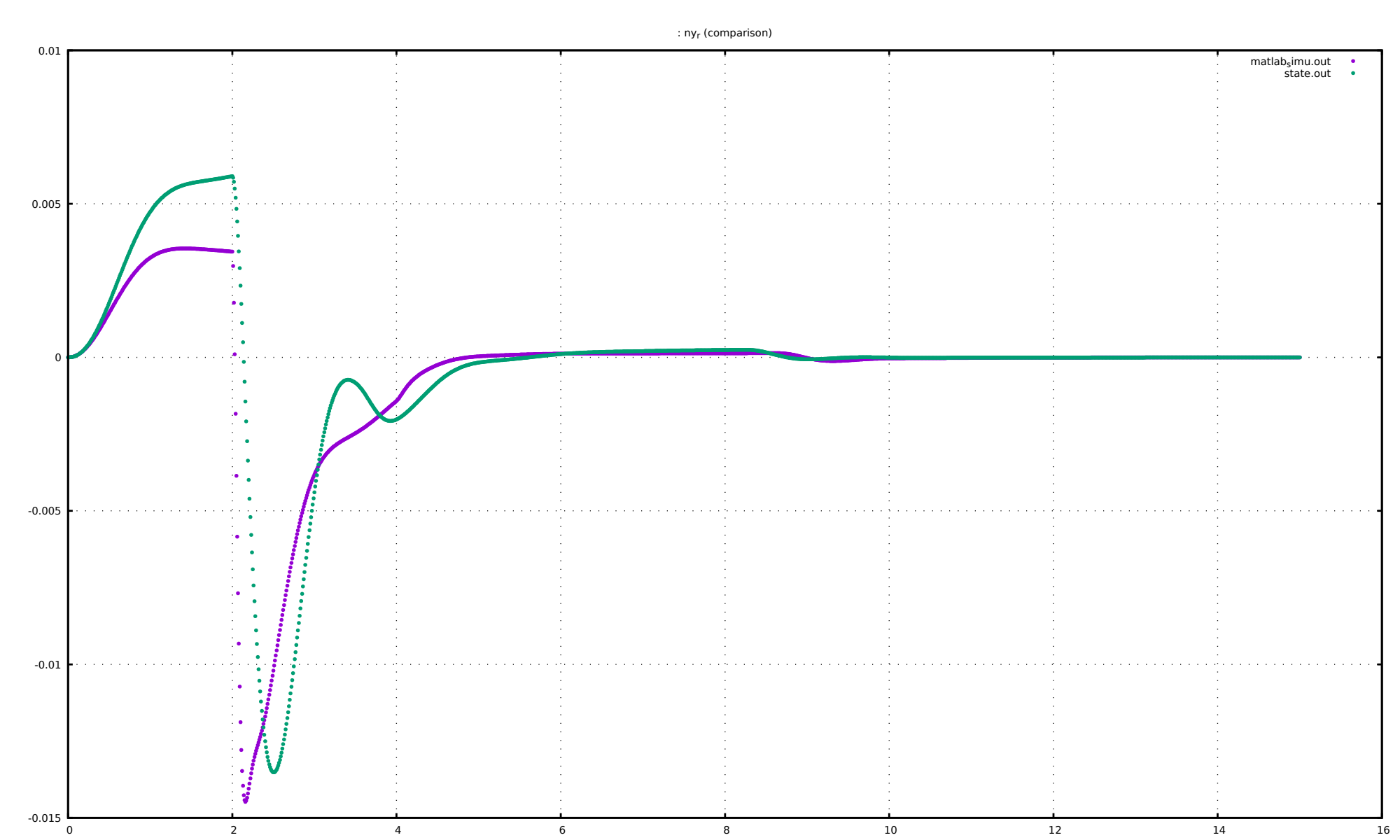

: nz (matlab_simu.out - state.out)
1
0.8
0.6
0.4
0.2
0
-0.2
-0.4
-0.6
-0.8
-1
0
2
4
6
8
10
12
14
16


: nz (comparison)
matlab_simu.out
state.out
0.4
0.2
0
-0.2
-0.4
-0.6
-0.8
-1
0
2
4
6
8
10
12
14
16


: ps (matlab_simu.out - state.out)
0.05
0
-0.05
-0.1
-0.15
-0.2
-0.25
-0.3
-0.35
0
2
4
6
8
10
12
14
16


: ps (comparison)
matlab_simu.out
state.out
0.4
0.35
0.3
0.25
0.2
0.15
0.1
0.05
0
-0.05
0
2
4
6
8
10
12
14
16


: ny_r (matlab_simu.out - state.out)
0.006
0.004
0.002
0
-0.002
-0.004
-0.006
-0.008
-0.01
-0.012
-0.014
-0.016
0
2
4
6
8
10
12
14
16


: ny_r (comparison)
matlab_simu.out
state.out
0.01
0.005
0
-0.005
-0.01
-0.015
0
2
4
6
8
10
12
14
16