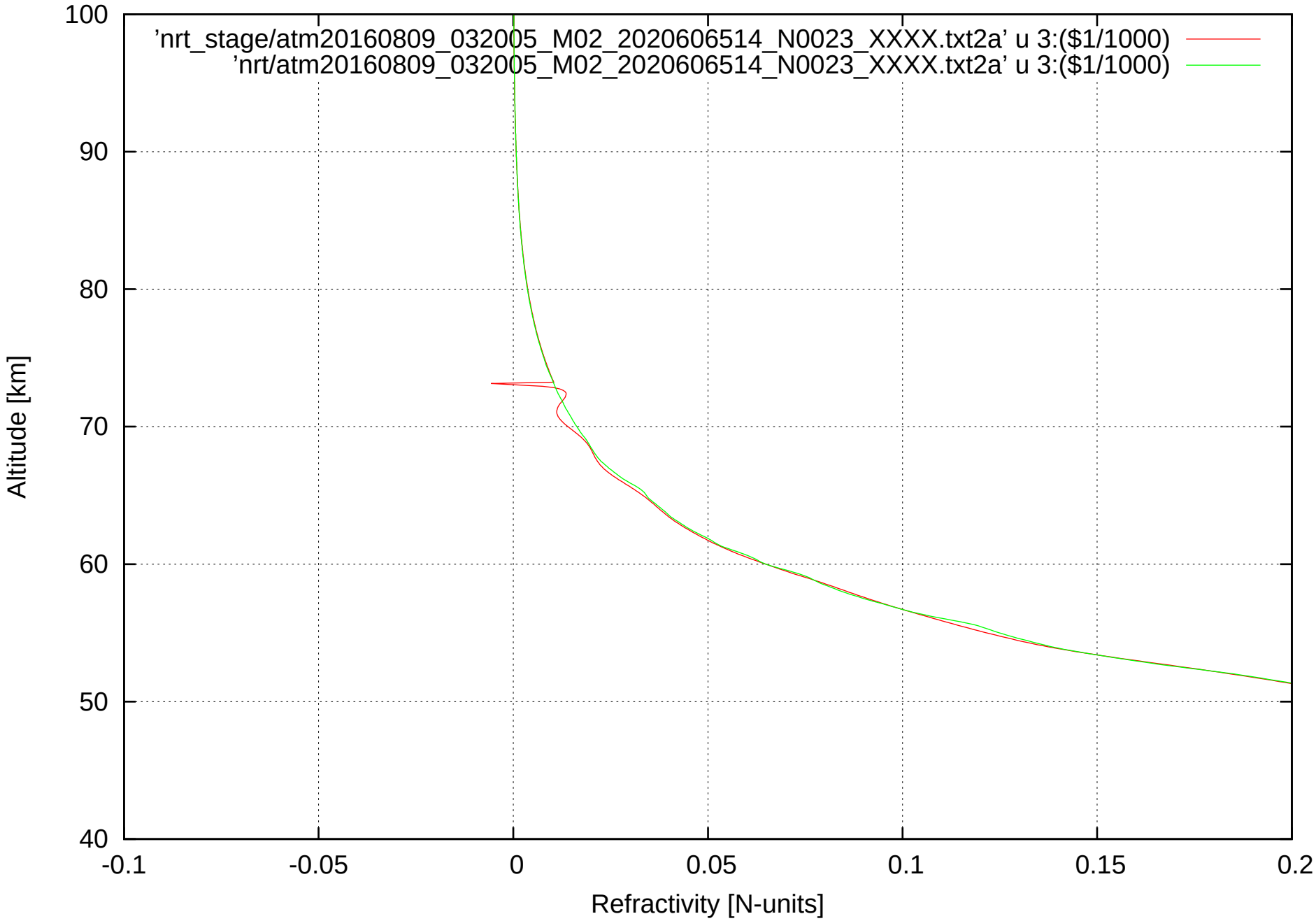
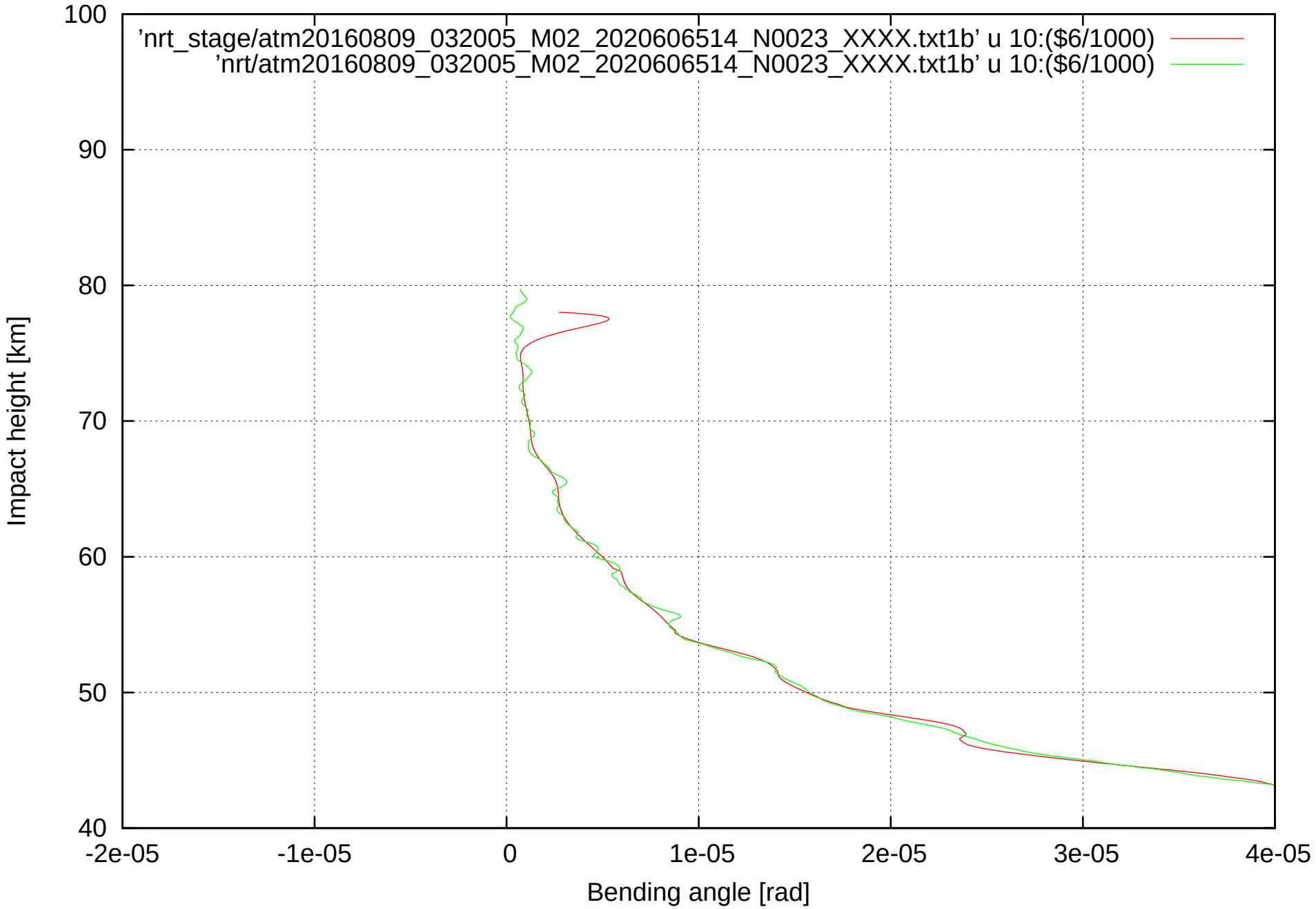
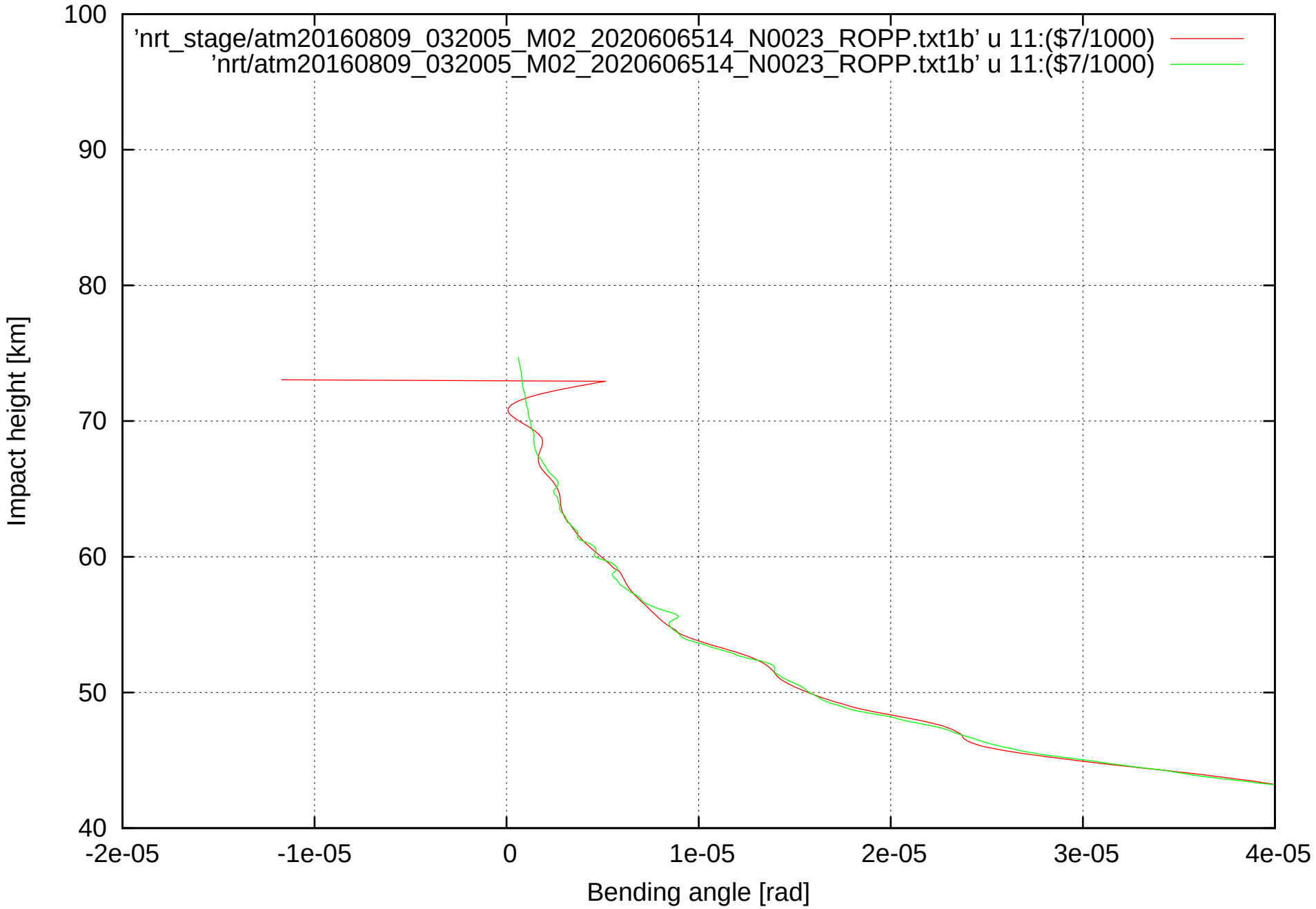
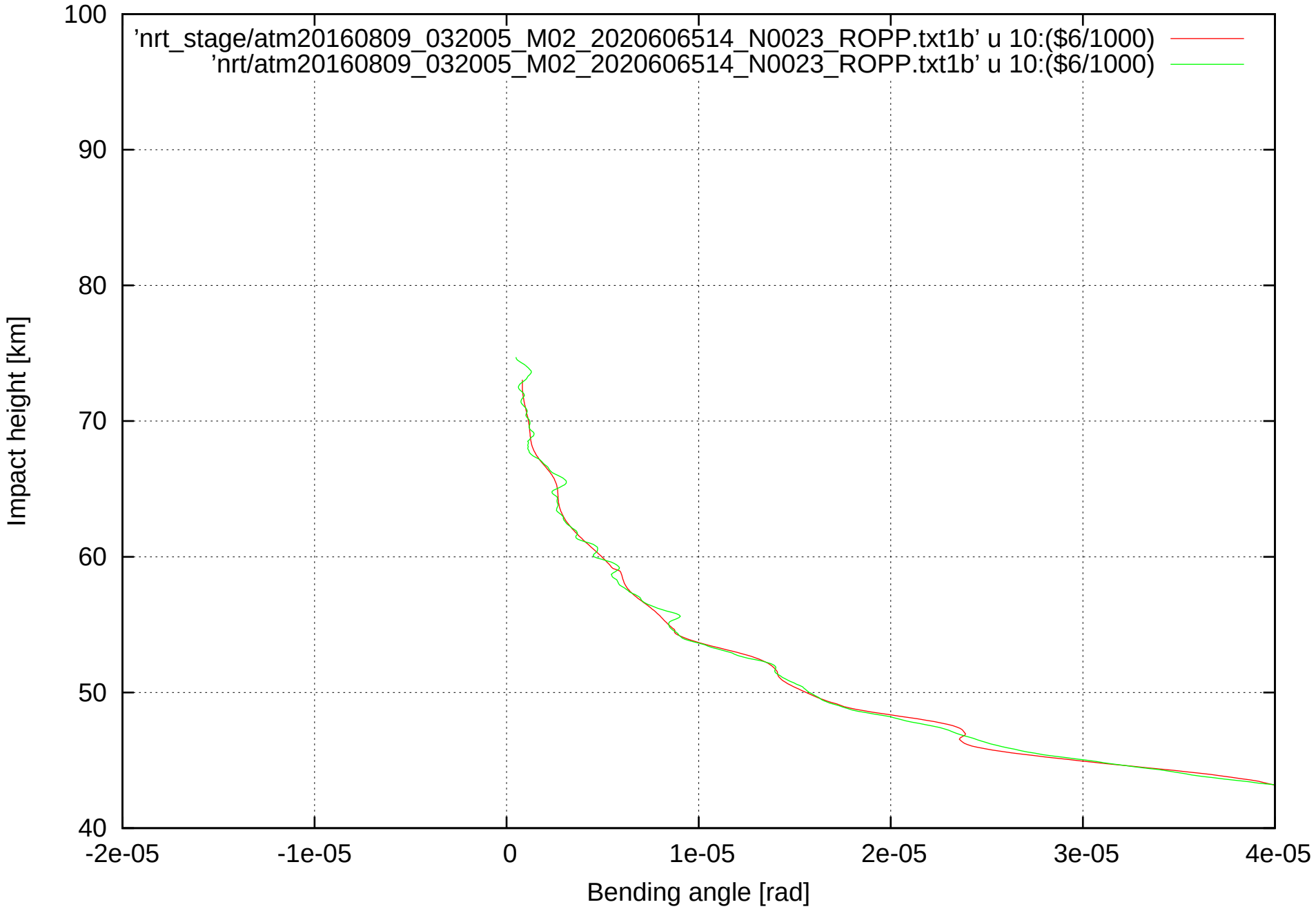
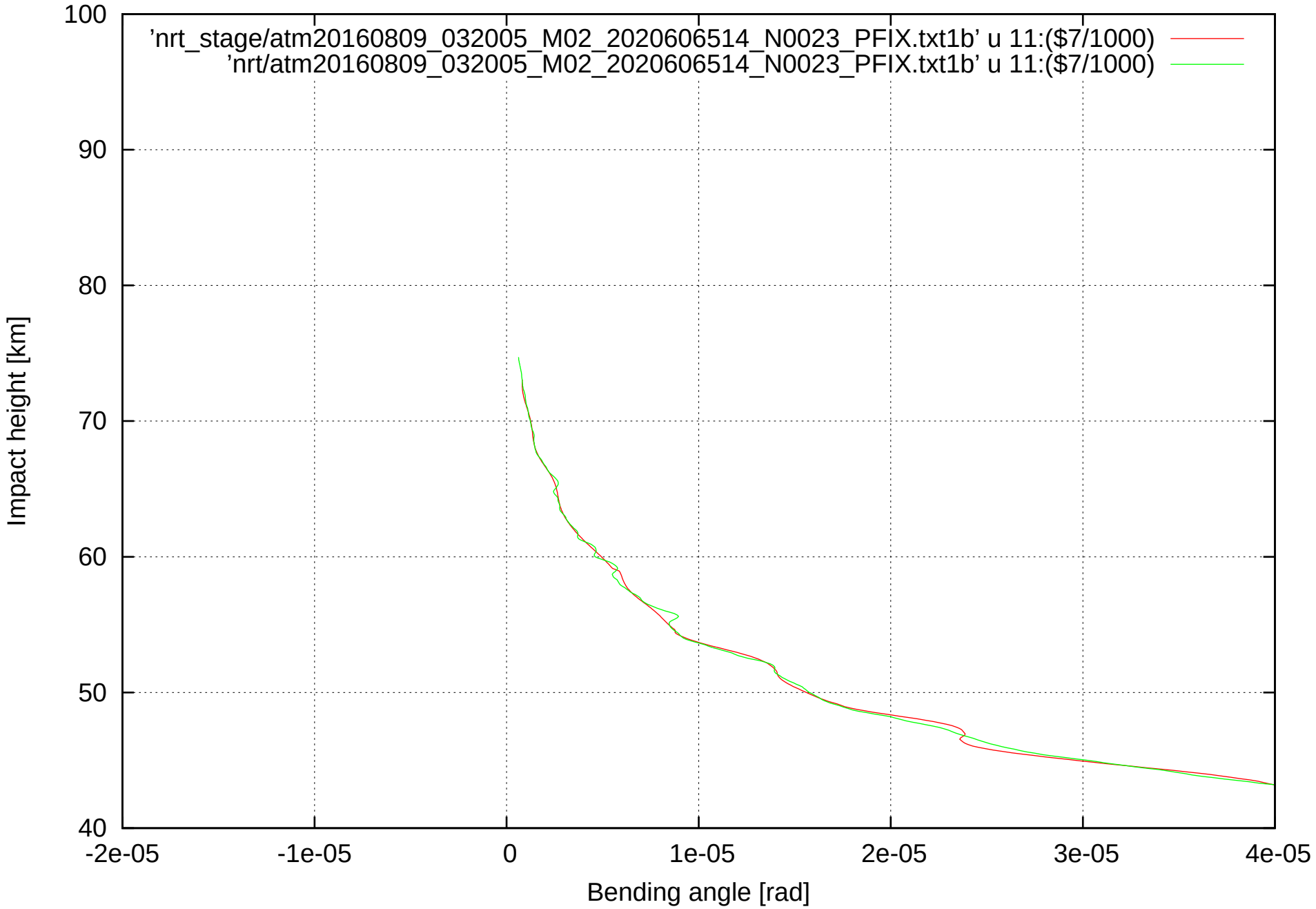
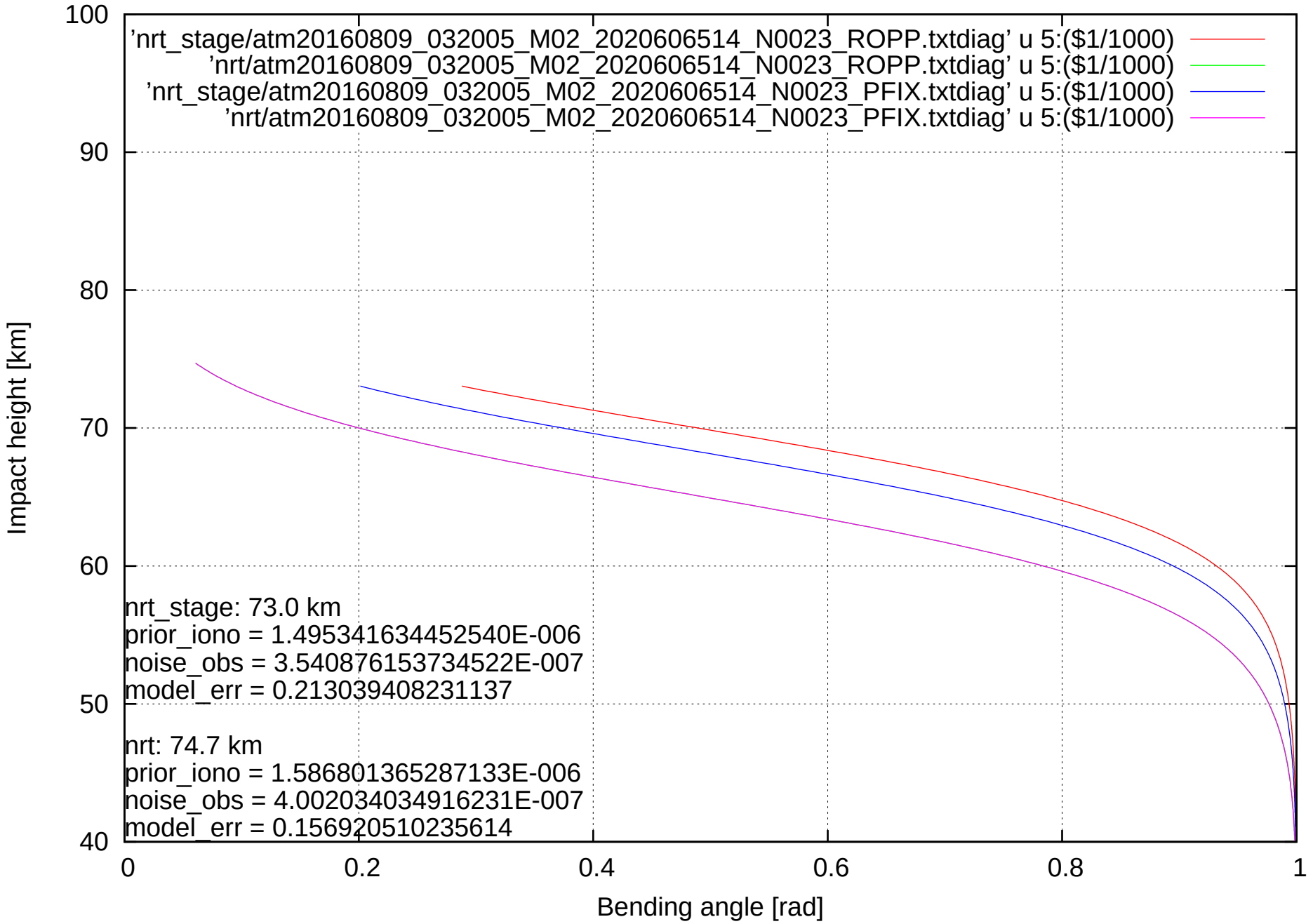

'nrt_stage/atm20160809_032005_M02_2020606514_N0023_XXXX.txt2a' u 3:($1/1000)
'nrt/atm20160809_032005_M02_2020606514_N0023_XXXX.txt2a' u 3:($1/1000)
Altitude [km]
100
90
80
70
60
50
40
-0.1
-0.05
0
0.05
0.1
0.15
0.2
Refractivity [N-units]

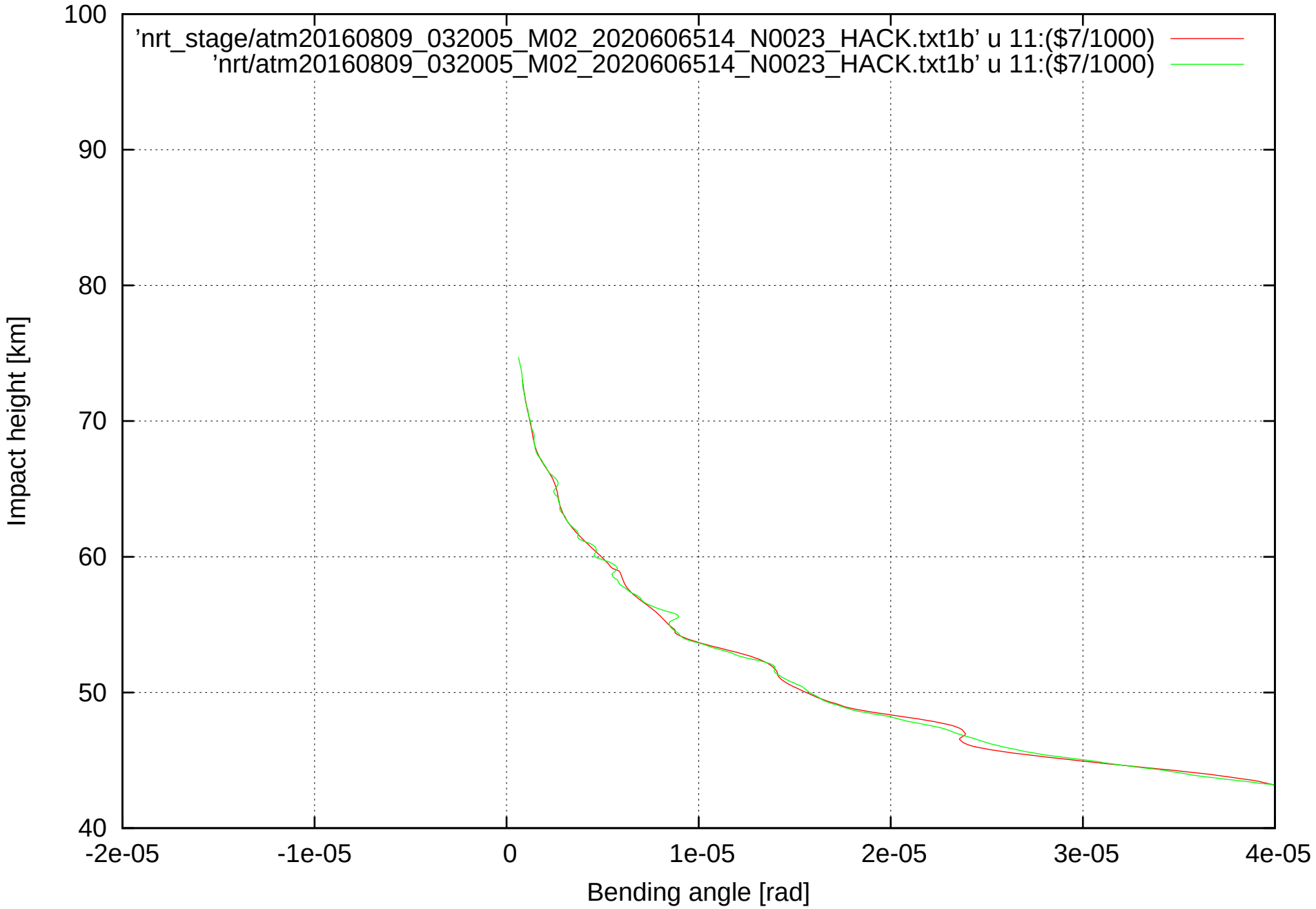

'nrt_stage/atm20160809_032005_M02_2020606514_N0023_XXXX.txt1b' u 10:($6/1000)
'nrt/atm20160809_032005_M02_2020606514_N0023_XXXX.txt1b' u 10:($6/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

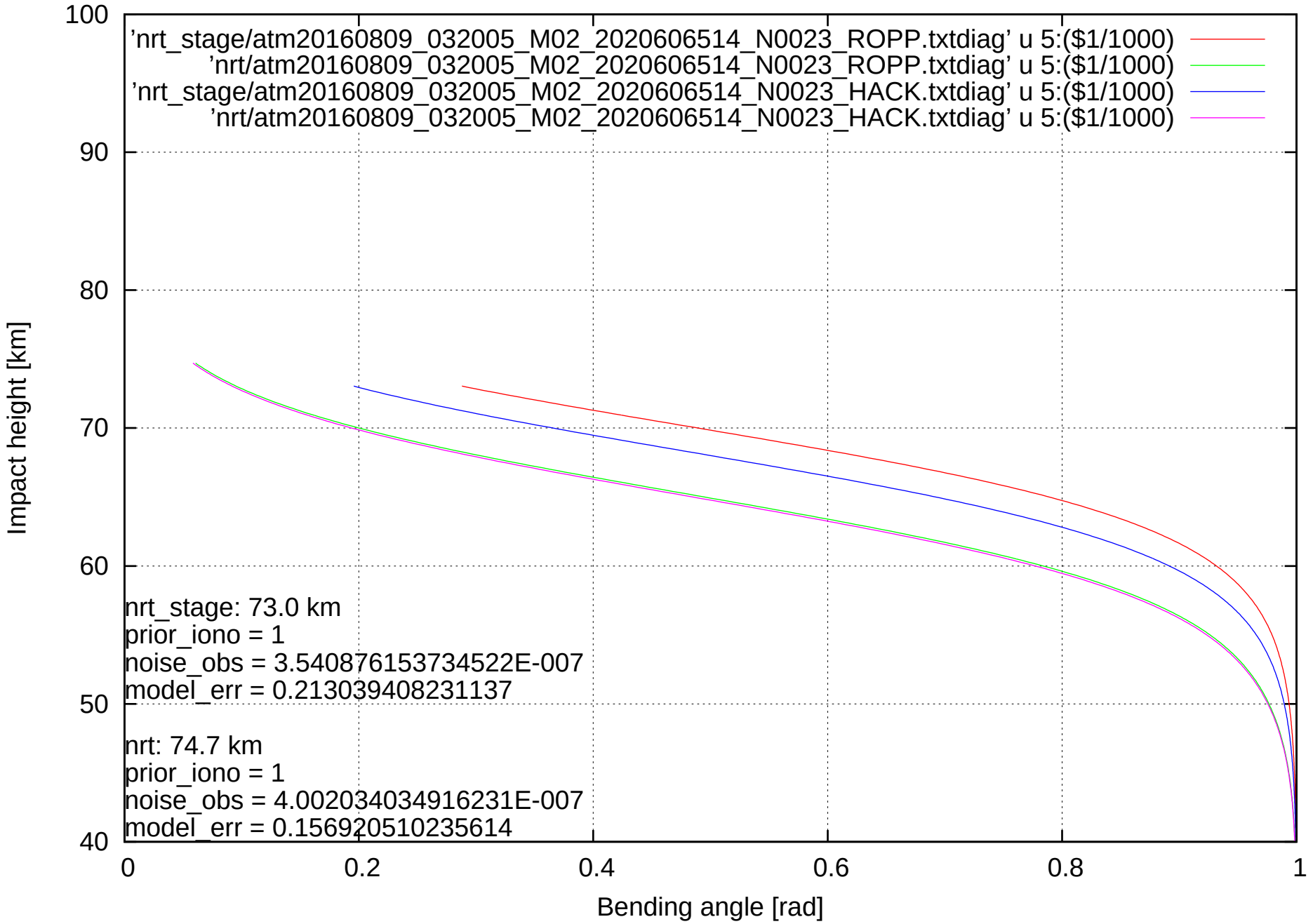

'nrt_stage/atm20160809_032005_M02_2020606514_N0023_ROPP.txt1b' u 11:($7/1000)
'nrt/atm20160809_032005_M02_2020606514_N0023_ROPP.txt1b' u 11:($7/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

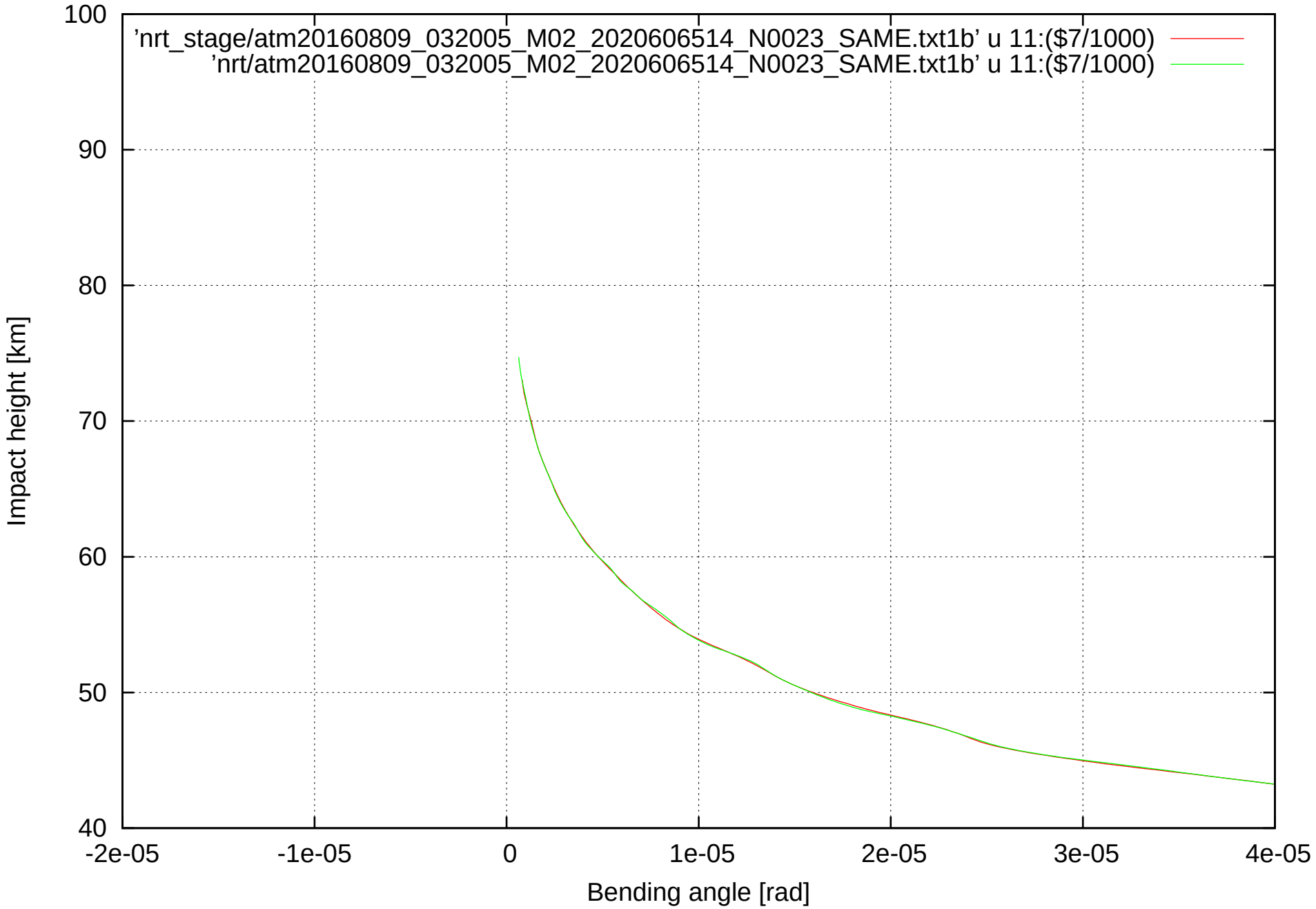

'nrt_stage/atm20160809_032005_M02_2020606514_N0023_ROPP.txt1b' u 10:($6/1000)
'nrt/atm20160809_032005_M02_2020606514_N0023_ROPP.txt1b' u 10:($6/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

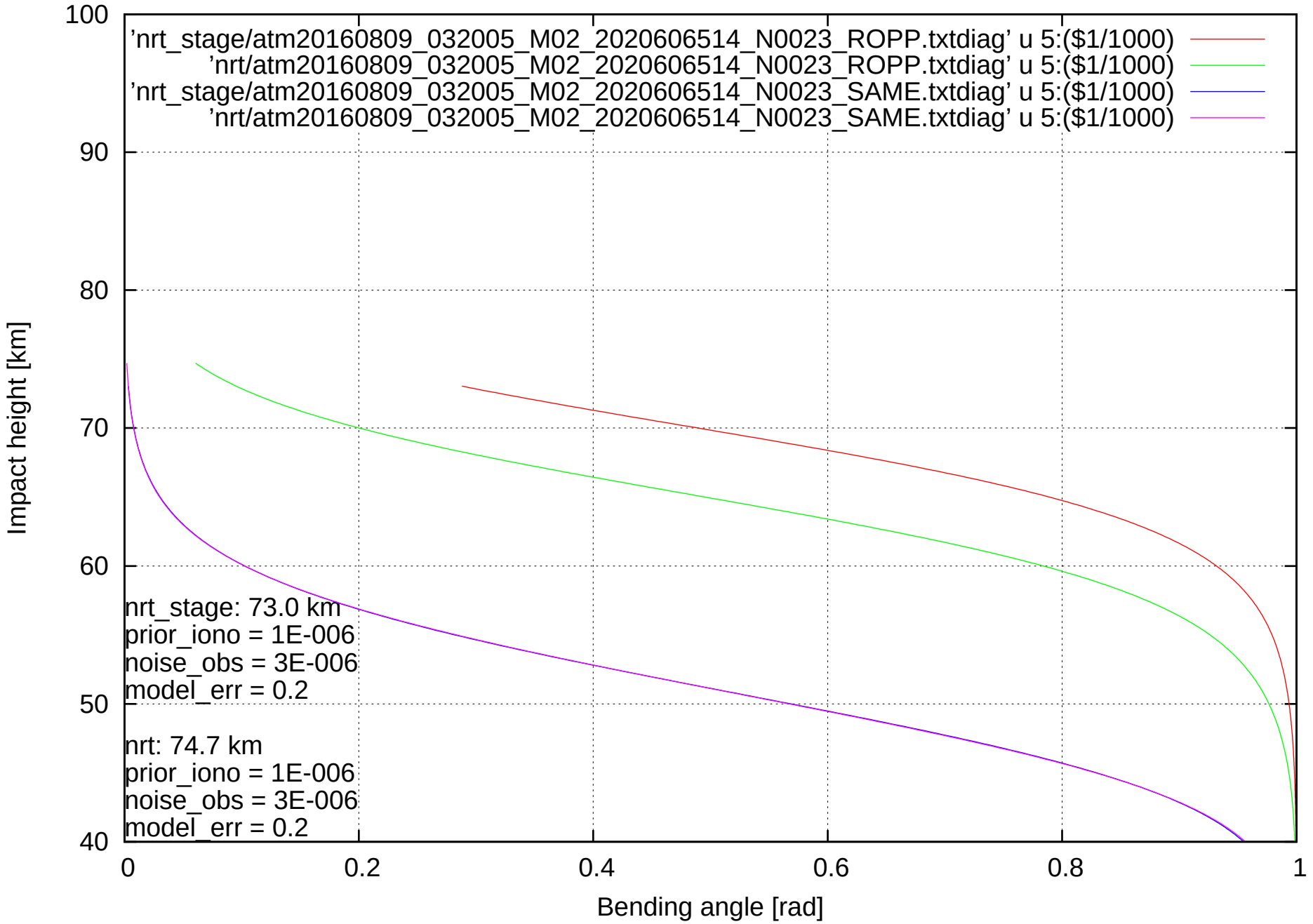

'nrt_stage/atm20160809_032005_M02_2020606514_N0023_PFIX.txt1b' u 11:($7/1000)
'nrt/atm20160809_032005_M02_2020606514_N0023_PFIX.txt1b' u 11:($7/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

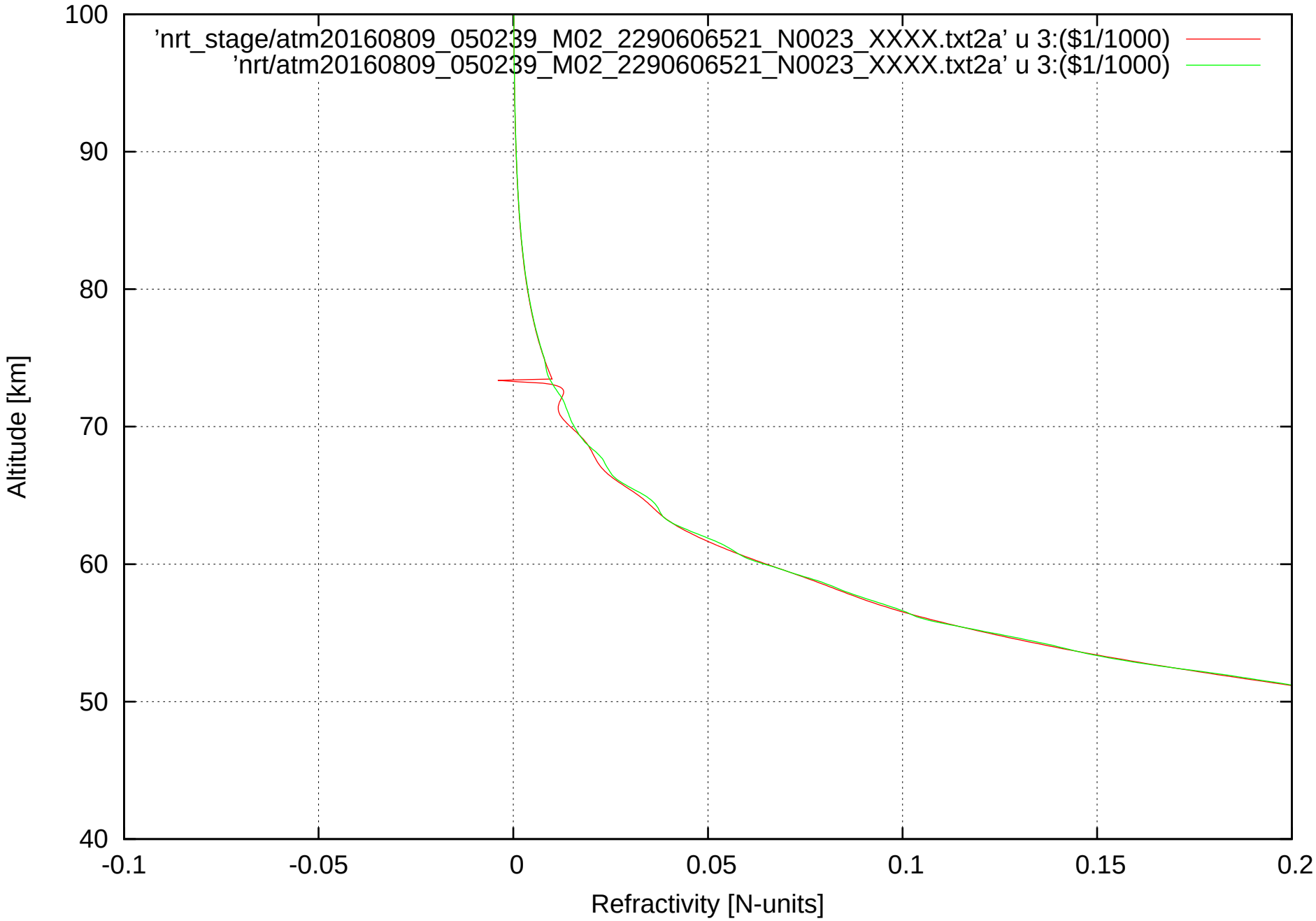

'nrt_stage/atm20160809_032005_M02_2020606514_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt/atm20160809_032005_M02_2020606514_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt_stage/atm20160809_032005_M02_2020606514_N0023_PFIX.txtdiag' u 5:($1/1000)
'nrt/atm20160809_032005_M02_2020606514_N0023_PFIX.txtdiag' u 5:($1/1000)
nrt_stage: 73.0 km
prior_iono = 1.495341634452540E-006
noise_obs = 3.540876153734522E-007
model_err = 0.213039408231137
nrt: 74.7 km
prior_iono = 1.586801365287133E-006
noise_obs = 4.002034034916231E-007
model_err = 0.156920510235614
Impact height [km]
Bending angle [rad]
100
90
80
70
60
50
40
0
0.2
0.4
0.6
0.8
1

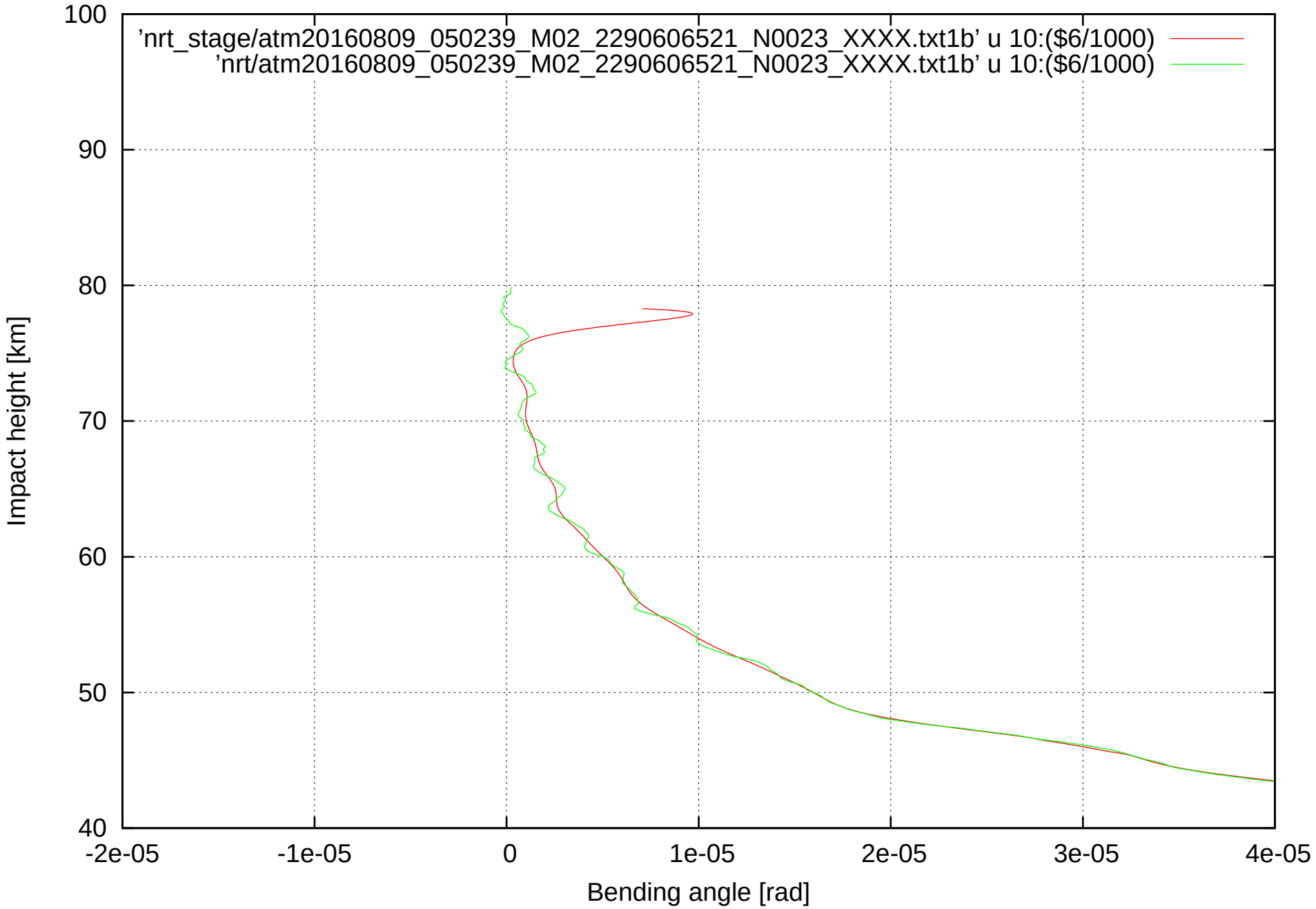

'nrt_stage/atm20160809_032005_M02_2020606514_N0023_HACK.txt1b' u 11:($7/1000)
'nrt/atm20160809_032005_M02_2020606514_N0023_HACK.txt1b' u 11:($7/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

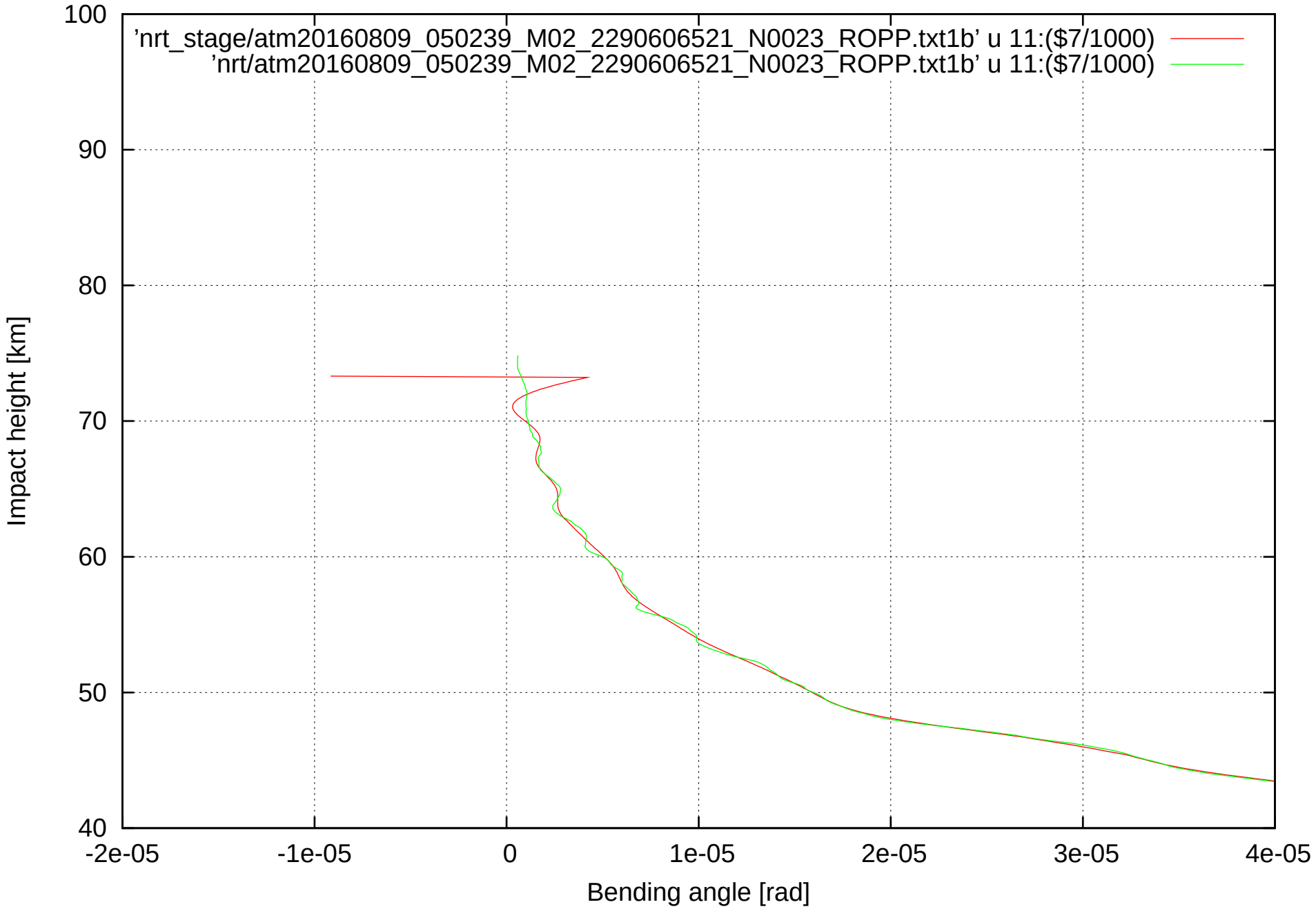

'nrt_stage/atm20160809_032005_M02_2020606514_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt/atm20160809_032005_M02_2020606514_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt_stage/atm20160809_032005_M02_2020606514_N0023_HACK.txtdiag' u 5:($1/1000)
'nrt/atm20160809_032005_M02_2020606514_N0023_HACK.txtdiag' u 5:($1/1000)
nrt_stage: 73.0 km
prior_iono = 1
noise_obs = 3.540876153734522E-007
model_err = 0.213039408231137
nrt: 74.7 km
prior_iono = 1
noise_obs = 4.002034034916231E-007
model_err = 0.156920510235614
Impact height [km]
Bending angle [rad]
100
90
80
70
60
50
40
0
0.2
0.4
0.6
0.8
1

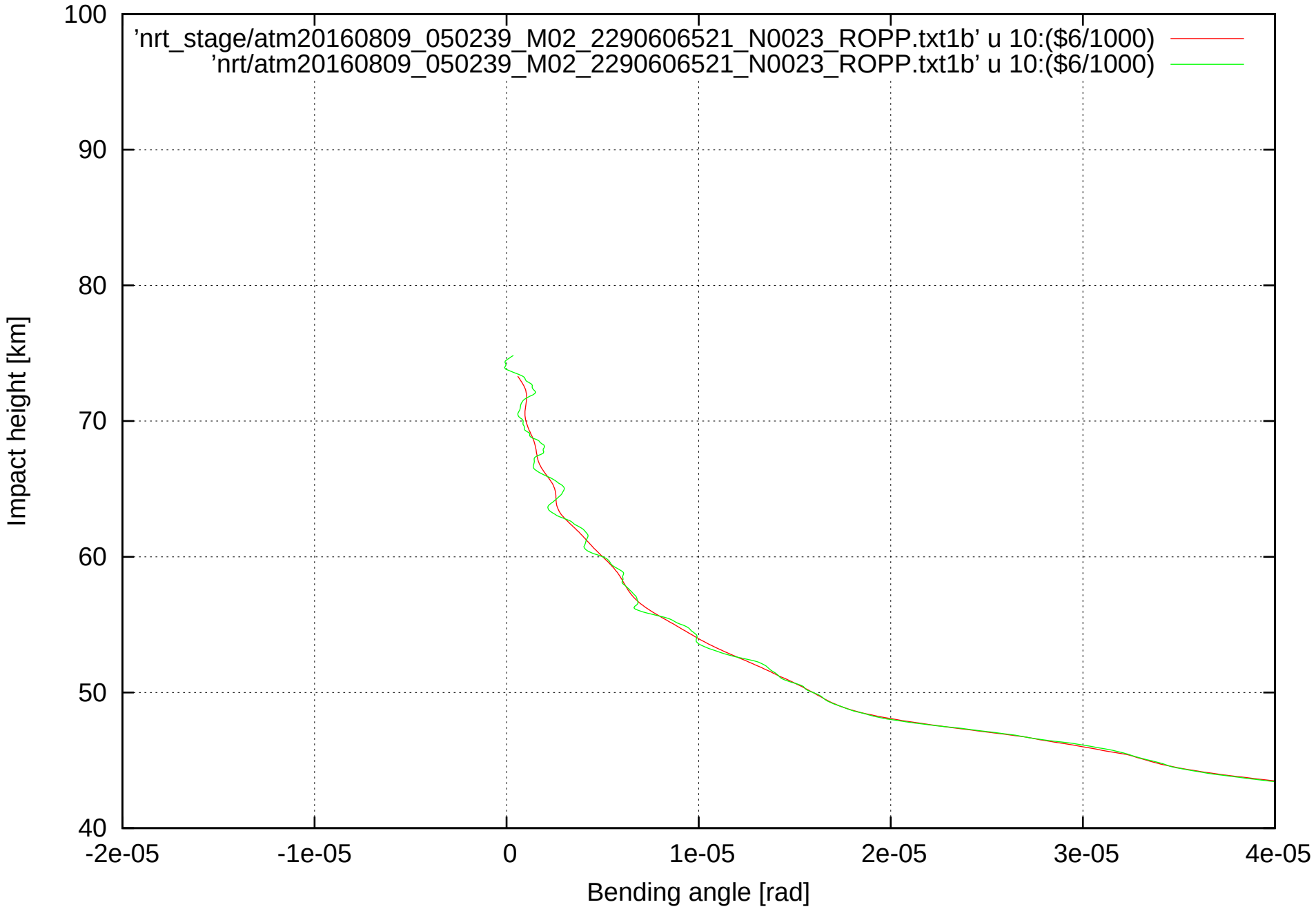

'nrt_stage/atm20160809_032005_M02_2020606514_N0023_SAME.txt1b' u 11:($7/1000)
'nrt/atm20160809_032005_M02_2020606514_N0023_SAME.txt1b' u 11:($7/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

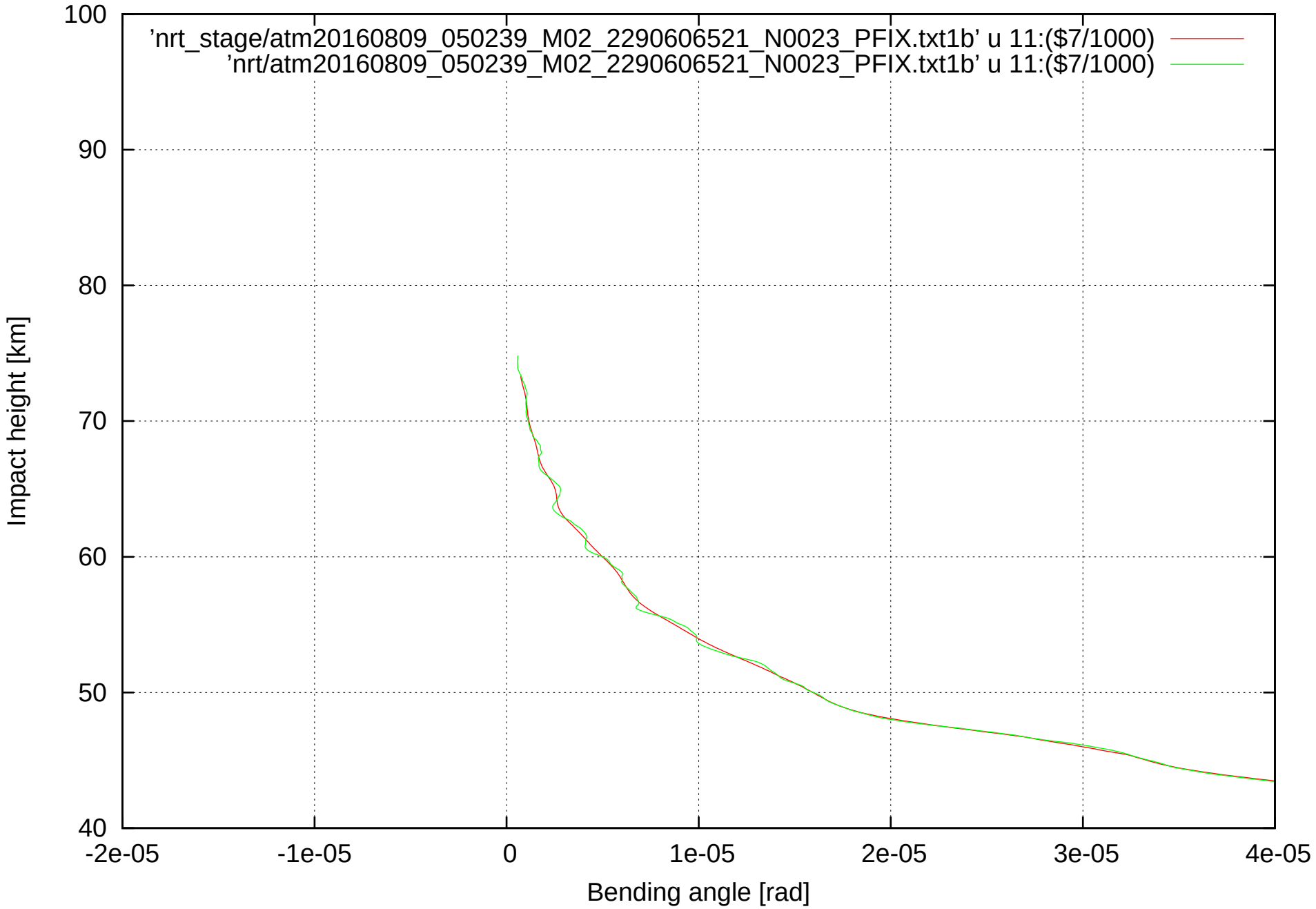

'nrt_stage/atm20160809_032005_M02_2020606514_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt/atm20160809_032005_M02_2020606514_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt_stage/atm20160809_032005_M02_2020606514_N0023_SAME.txtdiag' u 5:($1/1000)
'nrt/atm20160809_032005_M02_2020606514_N0023_SAME.txtdiag' u 5:($1/1000)
nrt_stage: 73.0 km
prior_iono = 1E-006
noise_obs = 3E-006
model_err = 0.2
nrt: 74.7 km
prior_iono = 1E-006
noise_obs = 3E-006
model_err = 0.2
Impact height [km]
Bending angle [rad]
100
90
80
70
60
50
40
0
0.2
0.4
0.6
0.8
1

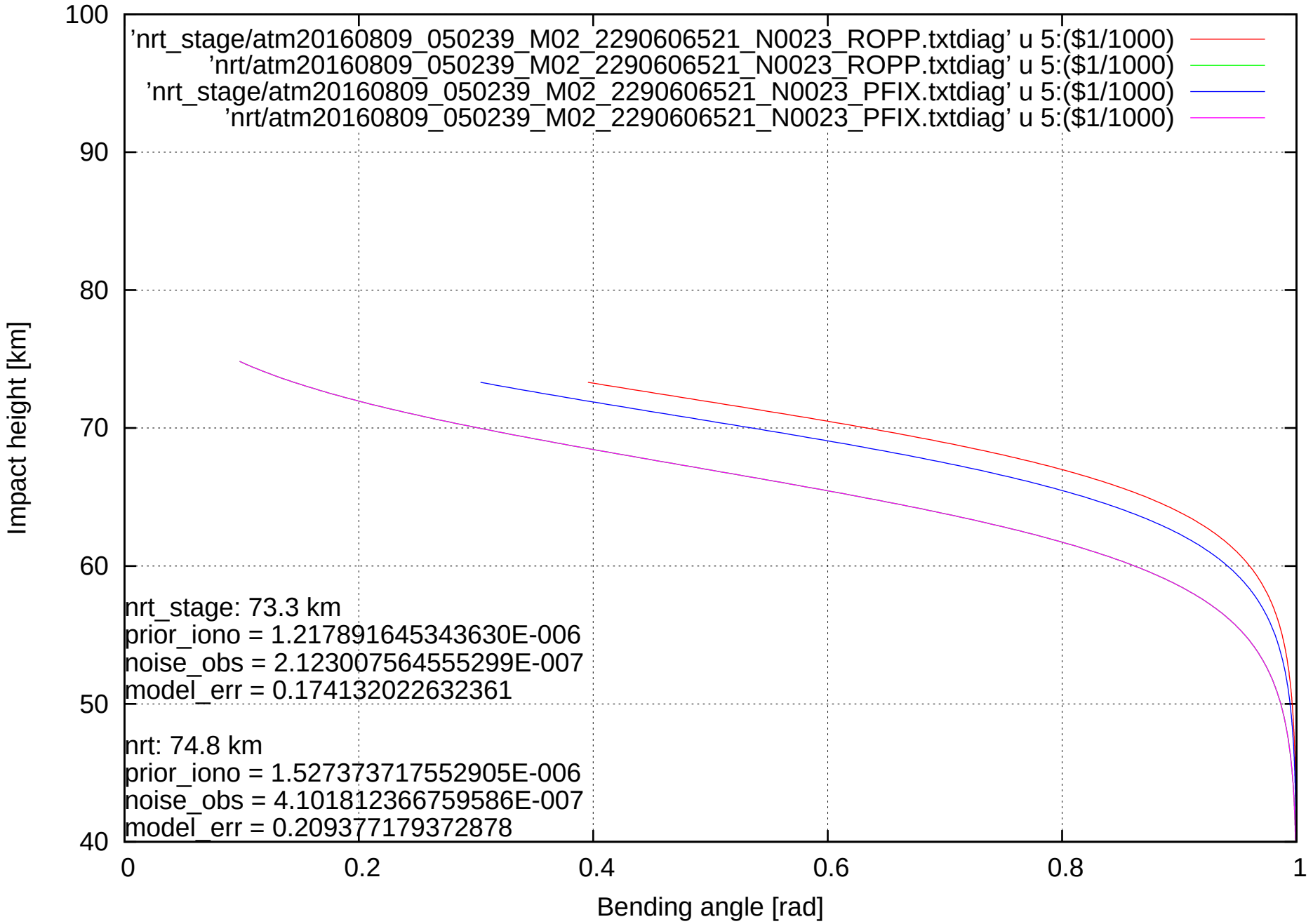

'nrt_stage/atm20160809_050239_M02_2290606521_N0023_XXXX.txt2a' u 3:($1/1000)
'nrt/atm20160809_050239_M02_2290606521_N0023_XXXX.txt2a' u 3:($1/1000)
Altitude [km]
100
90
80
70
60
50
40
-0.1
-0.05
0
0.05
0.1
0.15
0.2
Refractivity [N-units]

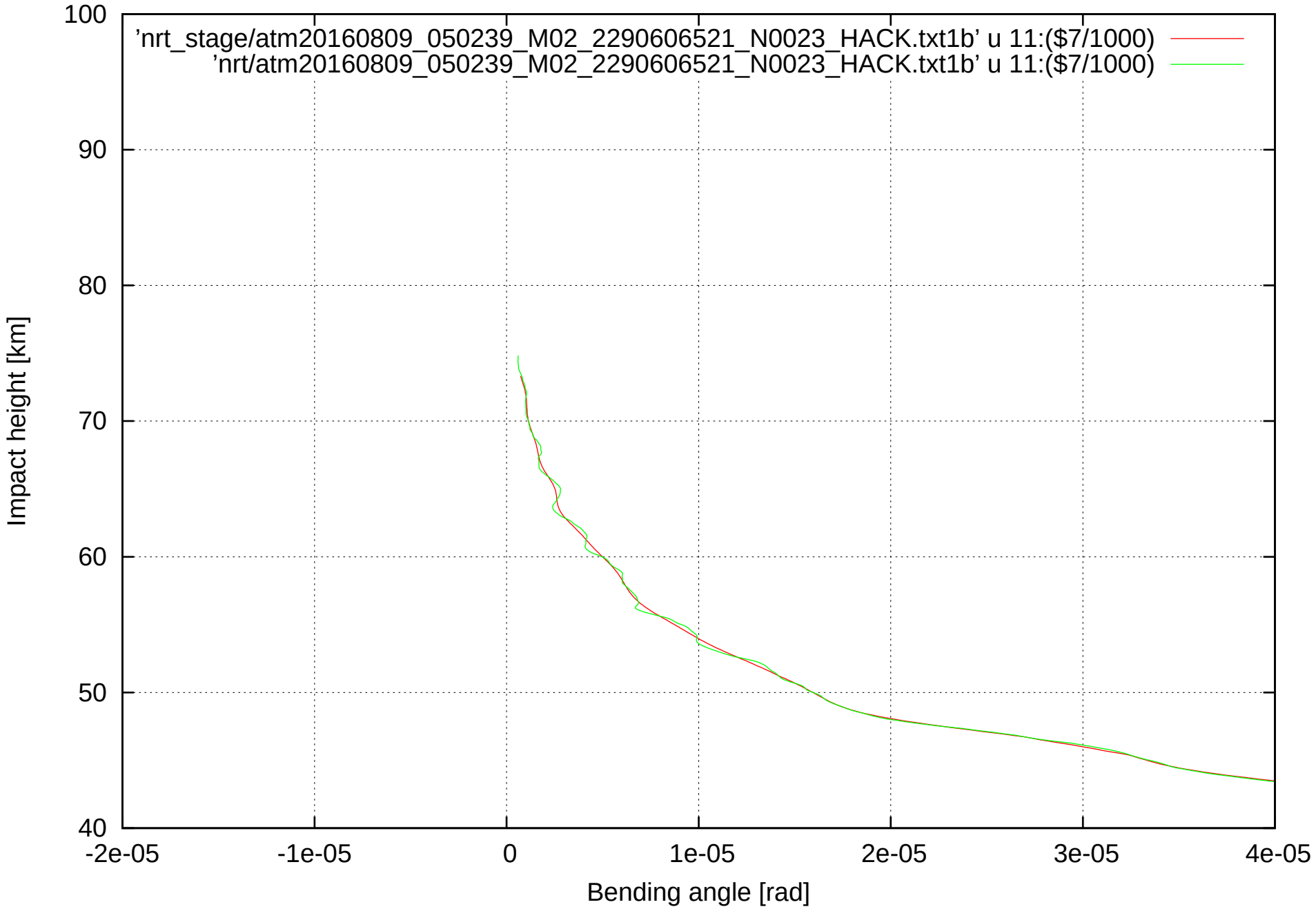

'nrt_stage/atm20160809_050239_M02_2290606521_N0023_XXXX.txt1b' u 10:($6/1000)
'nrt/atm20160809_050239_M02_2290606521_N0023_XXXX.txt1b' u 10:($6/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

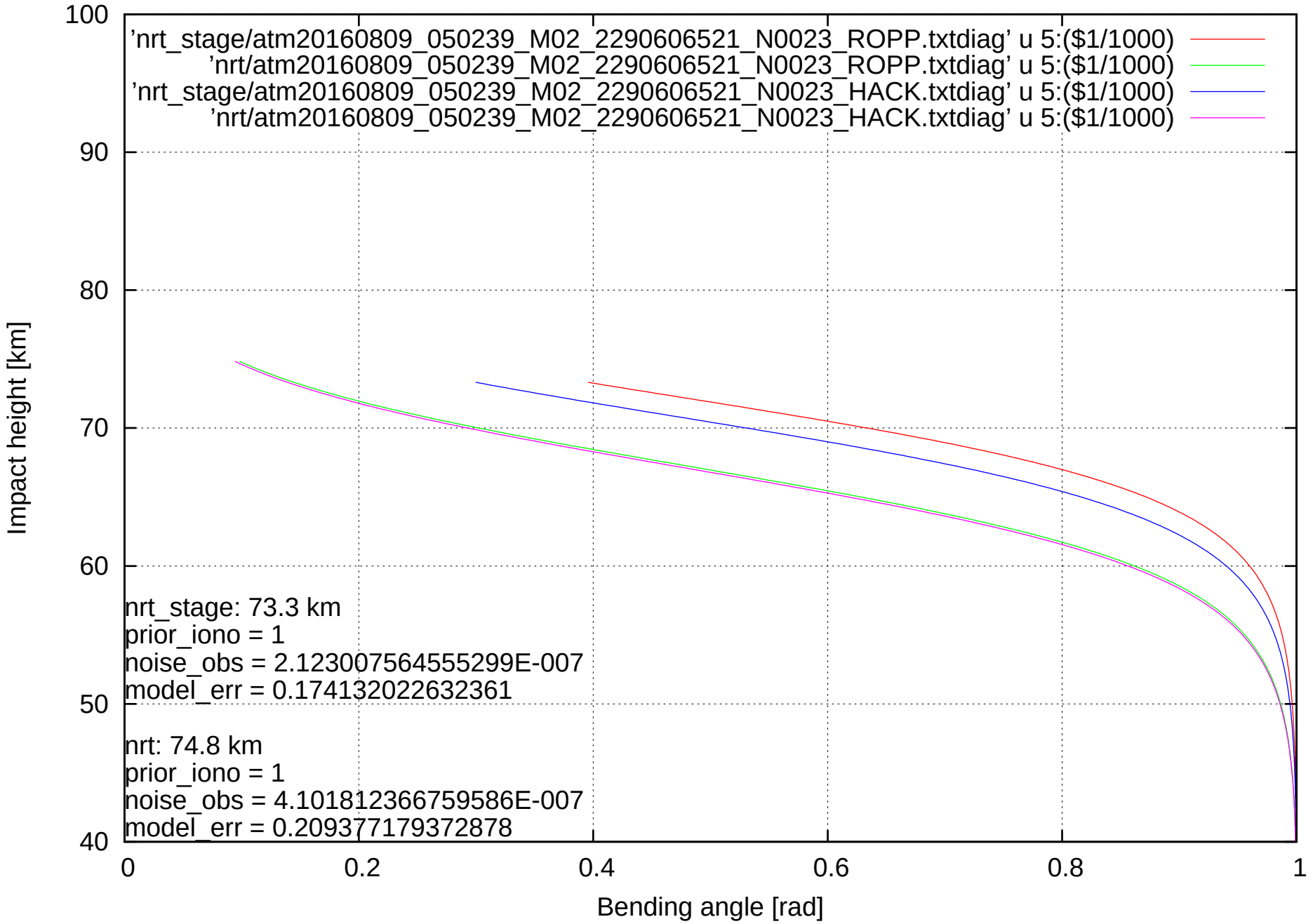

'nrt_stage/atm20160809_050239_M02_2290606521_N0023_ROPP.txt1b' u 11:($7/1000)
'nrt/atm20160809_050239_M02_2290606521_N0023_ROPP.txt1b' u 11:($7/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

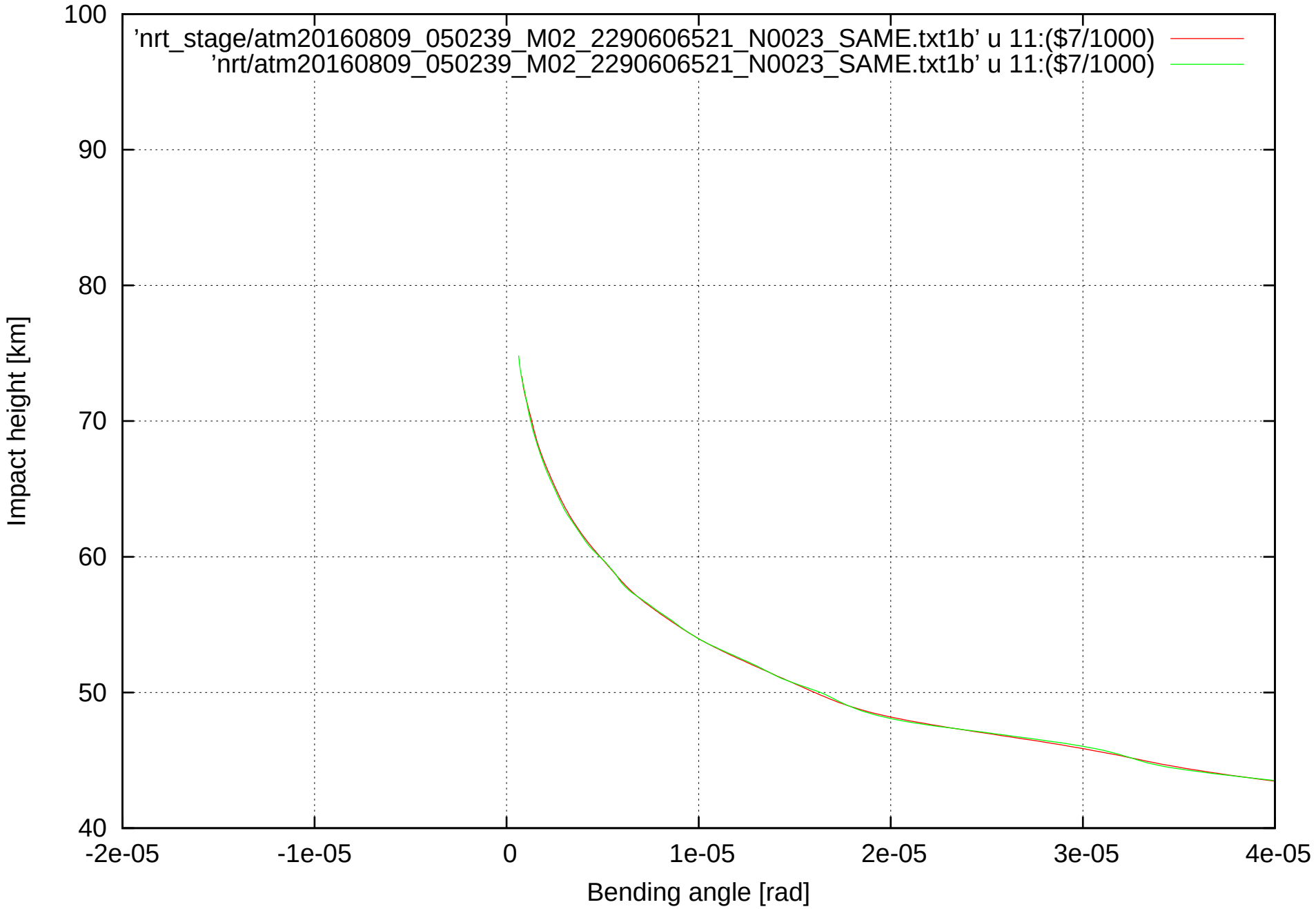

'nrt_stage/atm20160809_050239_M02_2290606521_N0023_ROPP.txt1b' u 10:($6/1000)
'nrt/atm20160809_050239_M02_2290606521_N0023_ROPP.txt1b' u 10:($6/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

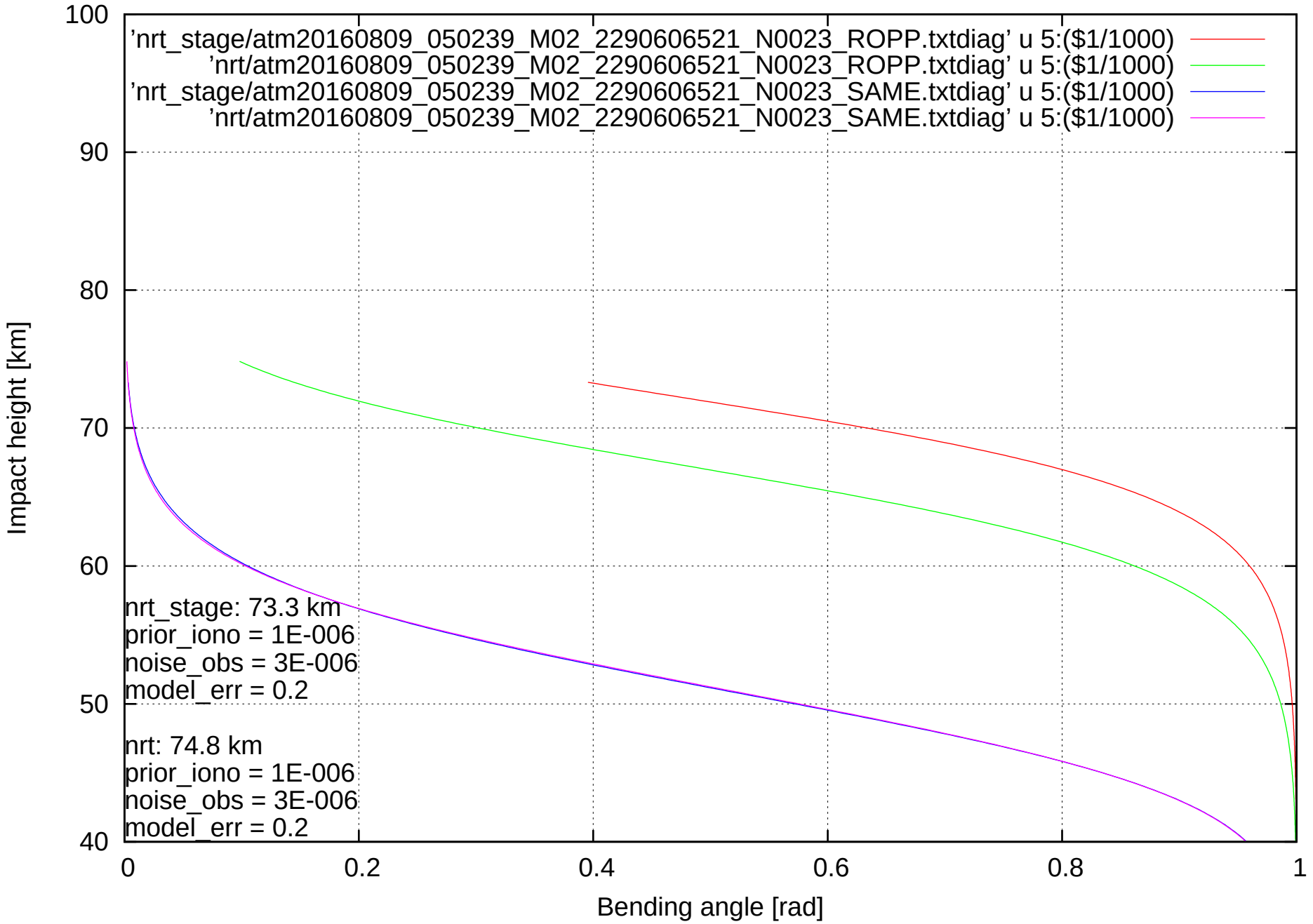

'nrt_stage/atm20160809_050239_M02_2290606521_N0023_PFIX.txt1b' u 11:($7/1000)
'nrt/atm20160809_050239_M02_2290606521_N0023_PFIX.txt1b' u 11:($7/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

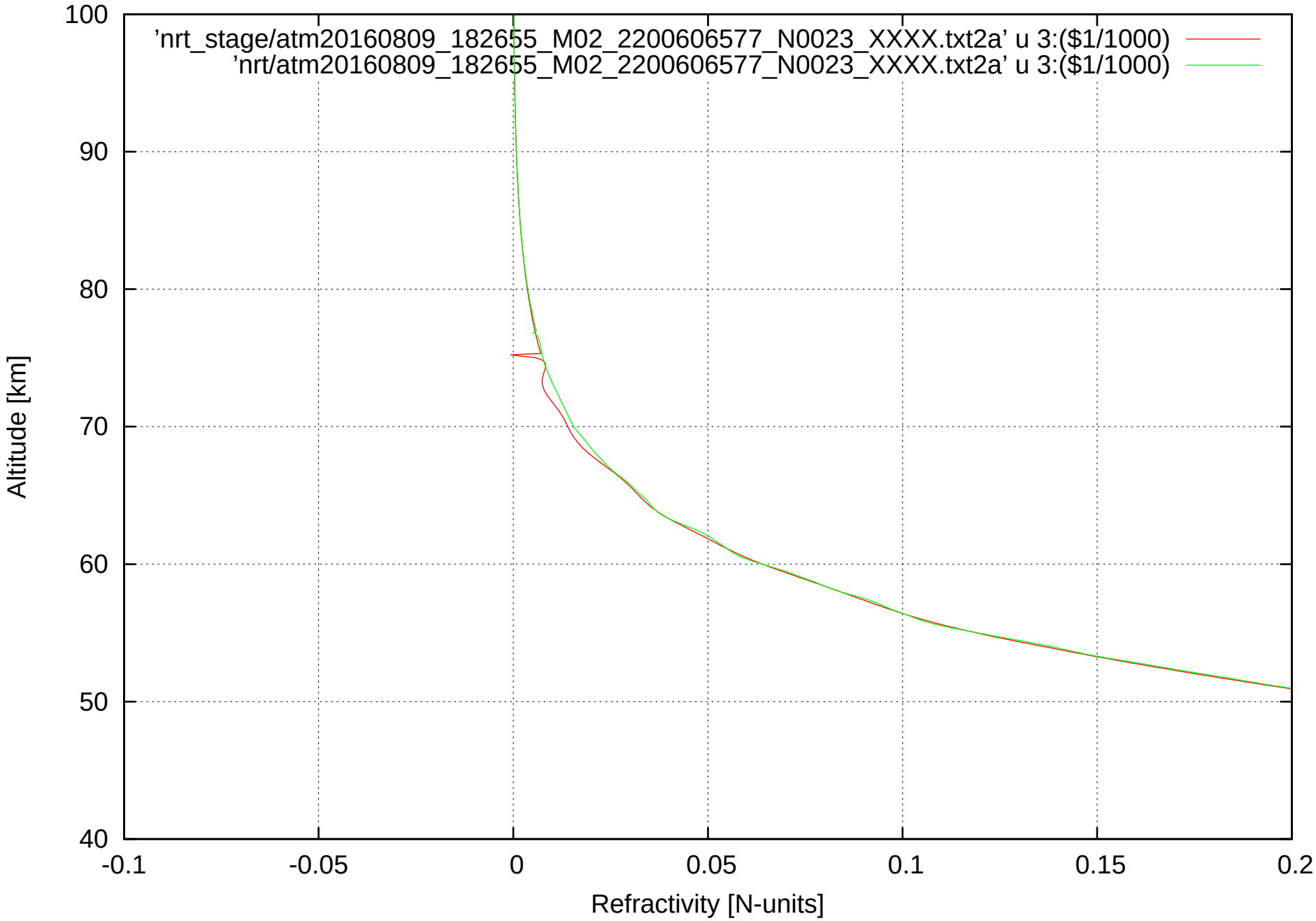

'nrt_stage/atm20160809_050239_M02_2290606521_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt/atm20160809_050239_M02_2290606521_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt_stage/atm20160809_050239_M02_2290606521_N0023_PFIX.txtdiag' u 5:($1/1000)
'nrt/atm20160809_050239_M02_2290606521_N0023_PFIX.txtdiag' u 5:($1/1000)
nrt_stage: 73.3 km
prior_iono = 1.217891645343630E-006
noise_obs = 2.123007564555299E-007
model_err = 0.174132022632361
nrt: 74.8 km
prior_iono = 1.527373717552905E-006
noise_obs = 4.101812366759586E-007
model_err = 0.209377179372878
Impact height [km]
Bending angle [rad]
100
90
80
70
60
50
40
0
0.2
0.4
0.6
0.8
1

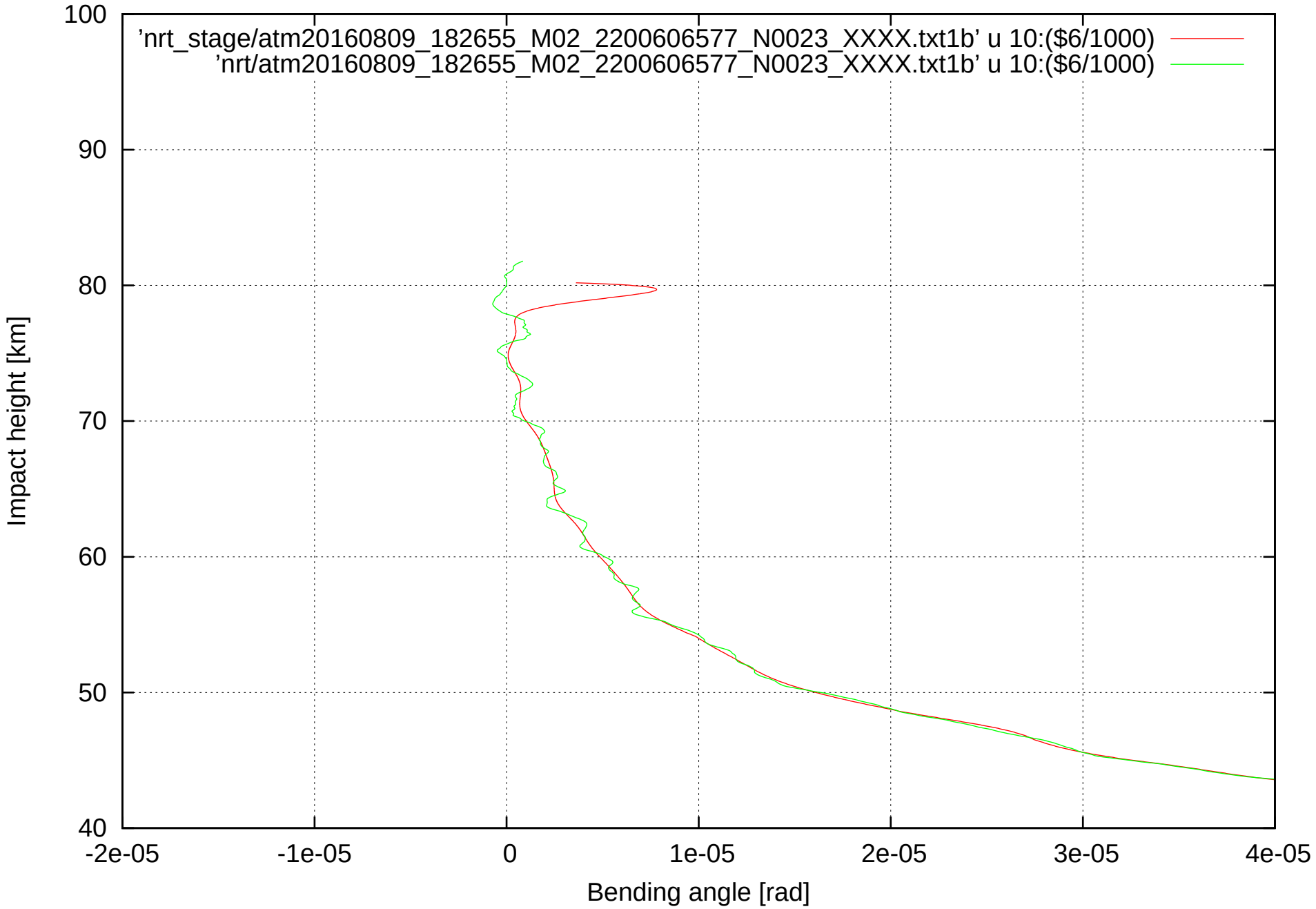

'nrt_stage/atm20160809_050239_M02_2290606521_N0023_HACK.txt1b' u 11:($7/1000)
'nrt/atm20160809_050239_M02_2290606521_N0023_HACK.txt1b' u 11:($7/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

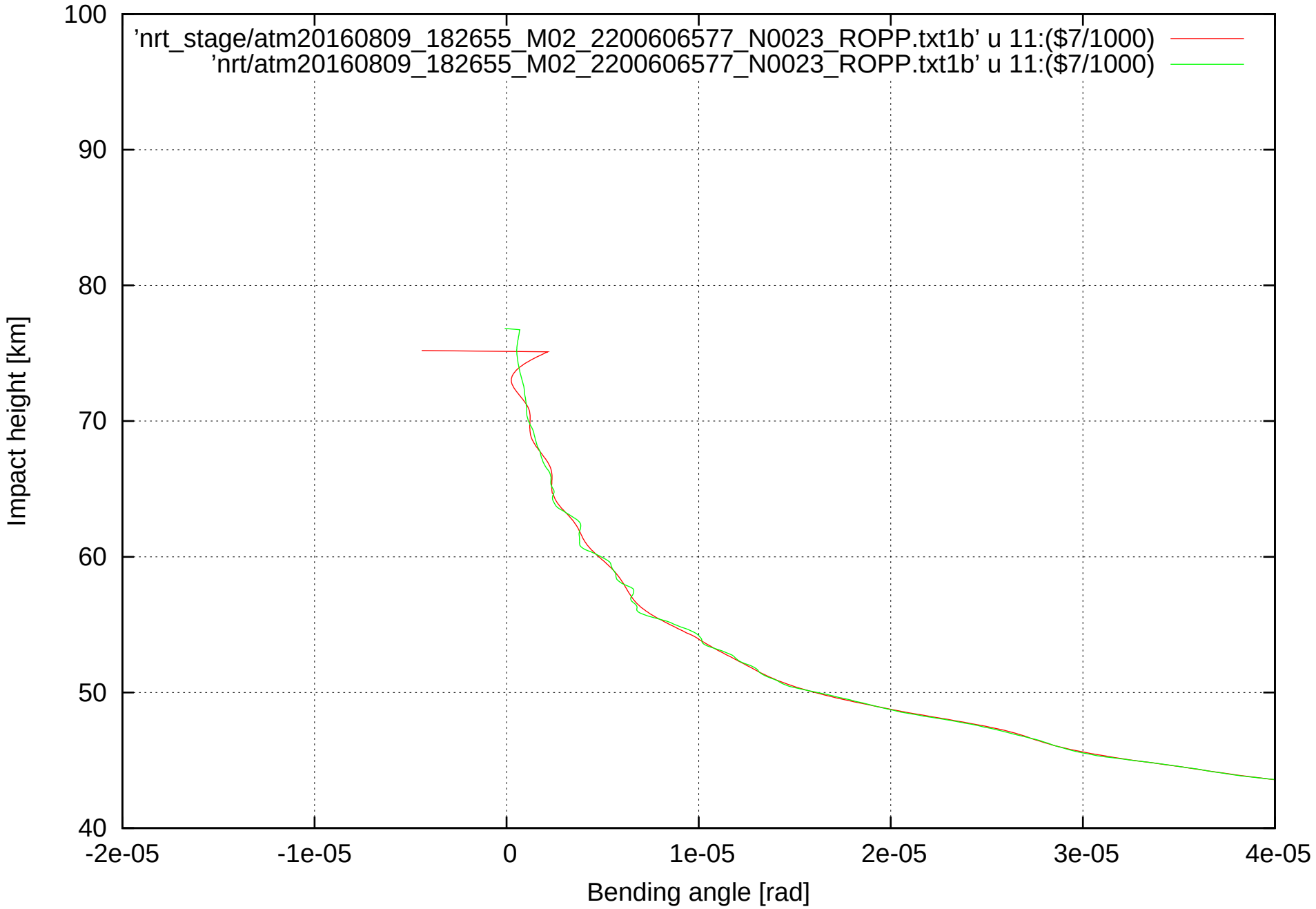

'nrt_stage/atm20160809_050239_M02_2290606521_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt/atm20160809_050239_M02_2290606521_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt_stage/atm20160809_050239_M02_2290606521_N0023_HACK.txtdiag' u 5:($1/1000)
'nrt/atm20160809_050239_M02_2290606521_N0023_HACK.txtdiag' u 5:($1/1000)
nrt_stage: 73.3 km
prior_iono = 1
noise_obs = 2.123007564555299E-007
model_err = 0.174132022632361
nrt: 74.8 km
prior_iono = 1
noise_obs = 4.101812366759586E-007
model_err = 0.209377179372878
Impact height [km]
Bending angle [rad]
100
90
80
70
60
50
40
0
0.2
0.4
0.6
0.8
1

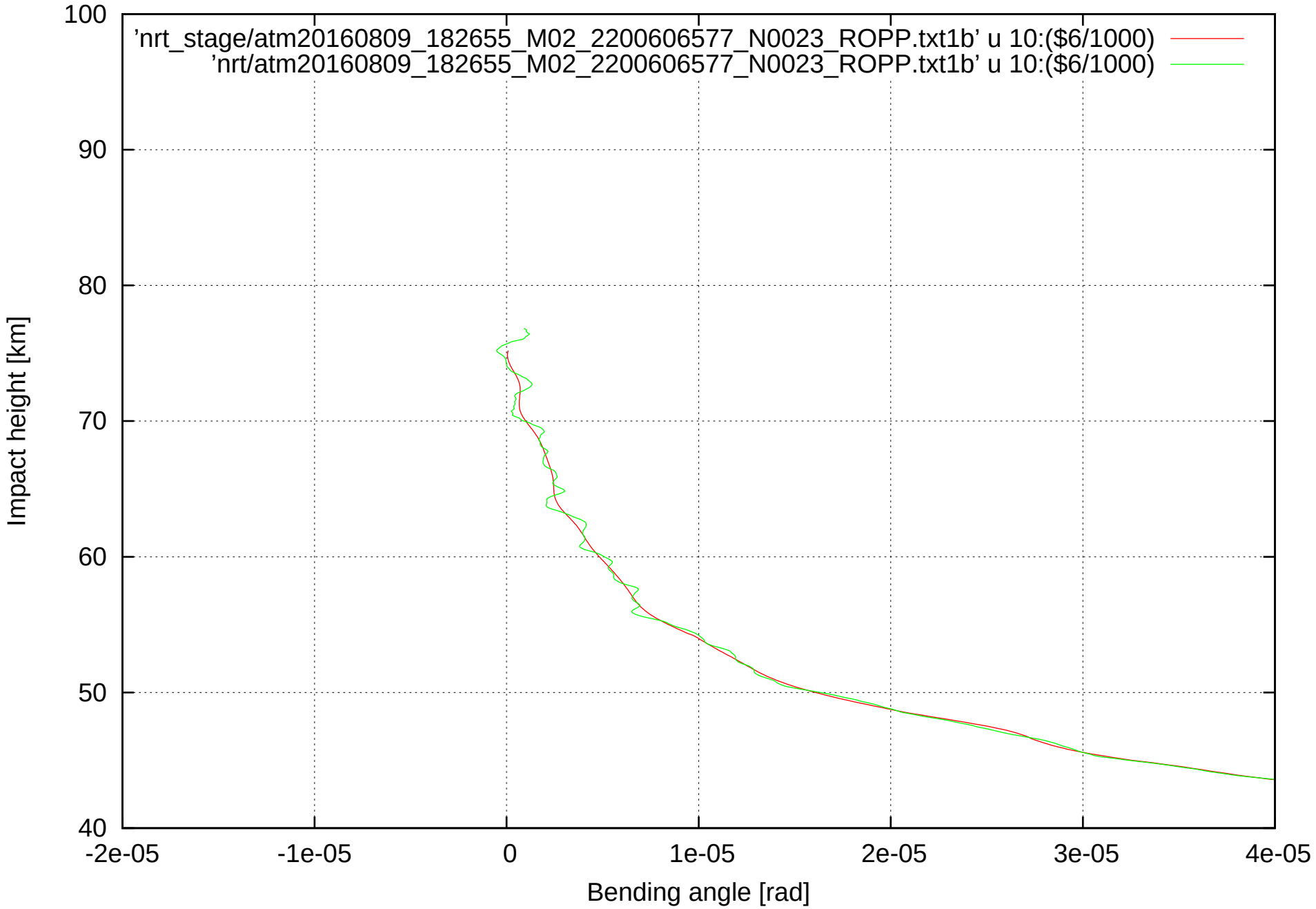

'nrt_stage/atm20160809_050239_M02_2290606521_N0023_SAME.txt1b' u 11:($7/1000)
'nrt/atm20160809_050239_M02_2290606521_N0023_SAME.txt1b' u 11:($7/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

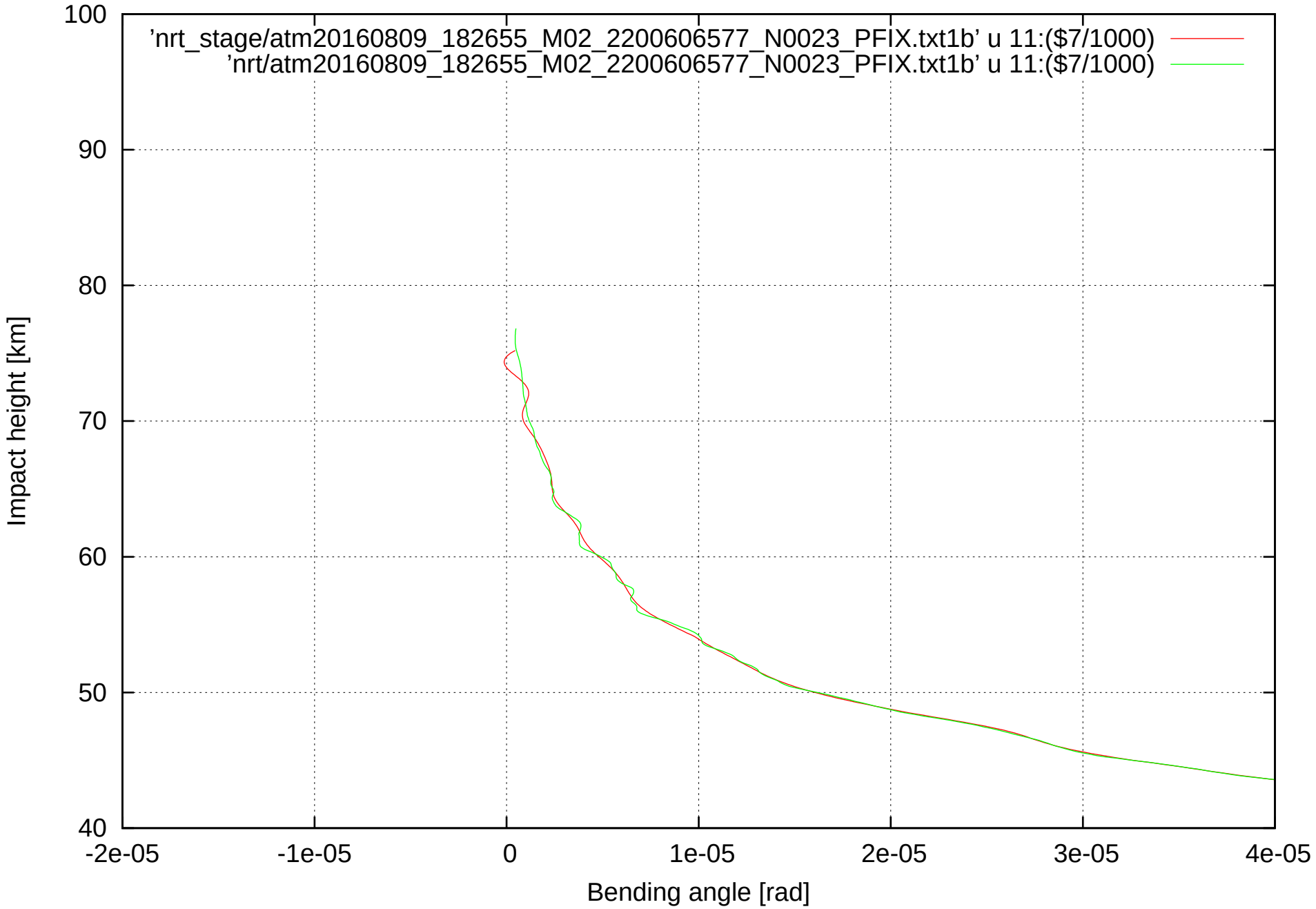

'nrt_stage/atm20160809_050239_M02_2290606521_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt/atm20160809_050239_M02_2290606521_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt_stage/atm20160809_050239_M02_2290606521_N0023_SAME.txtdiag' u 5:($1/1000)
'nrt/atm20160809_050239_M02_2290606521_N0023_SAME.txtdiag' u 5:($1/1000)
nrt_stage: 73.3 km
prior_iono = 1E-006
noise_obs = 3E-006
model_err = 0.2
nrt: 74.8 km
prior_iono = 1E-006
noise_obs = 3E-006
model_err = 0.2
Impact height [km]
Bending angle [rad]
100
90
80
70
60
50
40
0
0.2
0.4
0.6
0.8
1

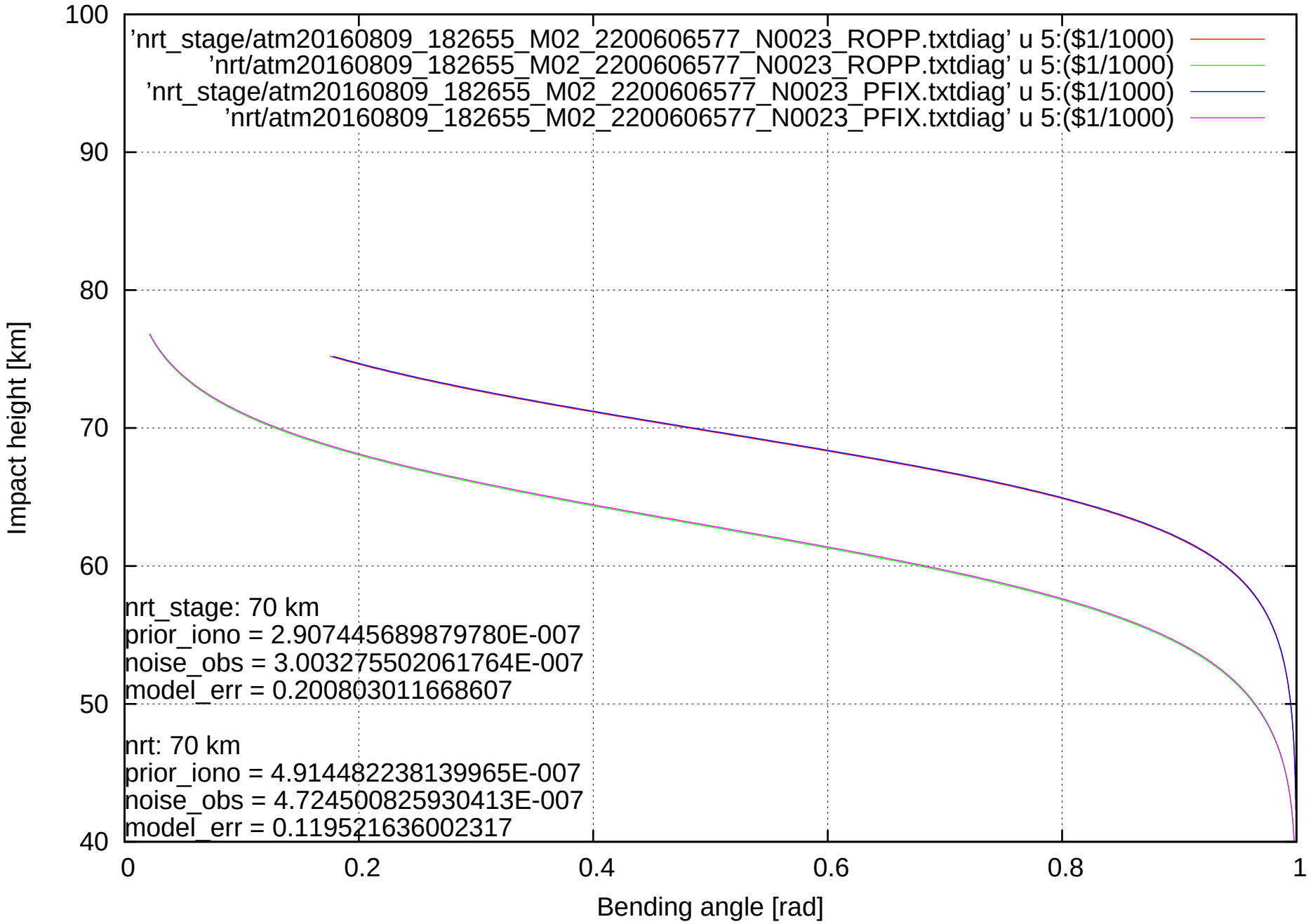

'nrt_stage/atm20160809_182655_M02_2200606577_N0023_XXXX.txt2a' u 3:($1/1000)
'nrt/atm20160809_182655_M02_2200606577_N0023_XXXX.txt2a' u 3:($1/1000)
Altitude [km]
100
90
80
70
60
50
40
-0.1
-0.05
0
0.05
0.1
0.15
0.2
Refractivity [N-units]

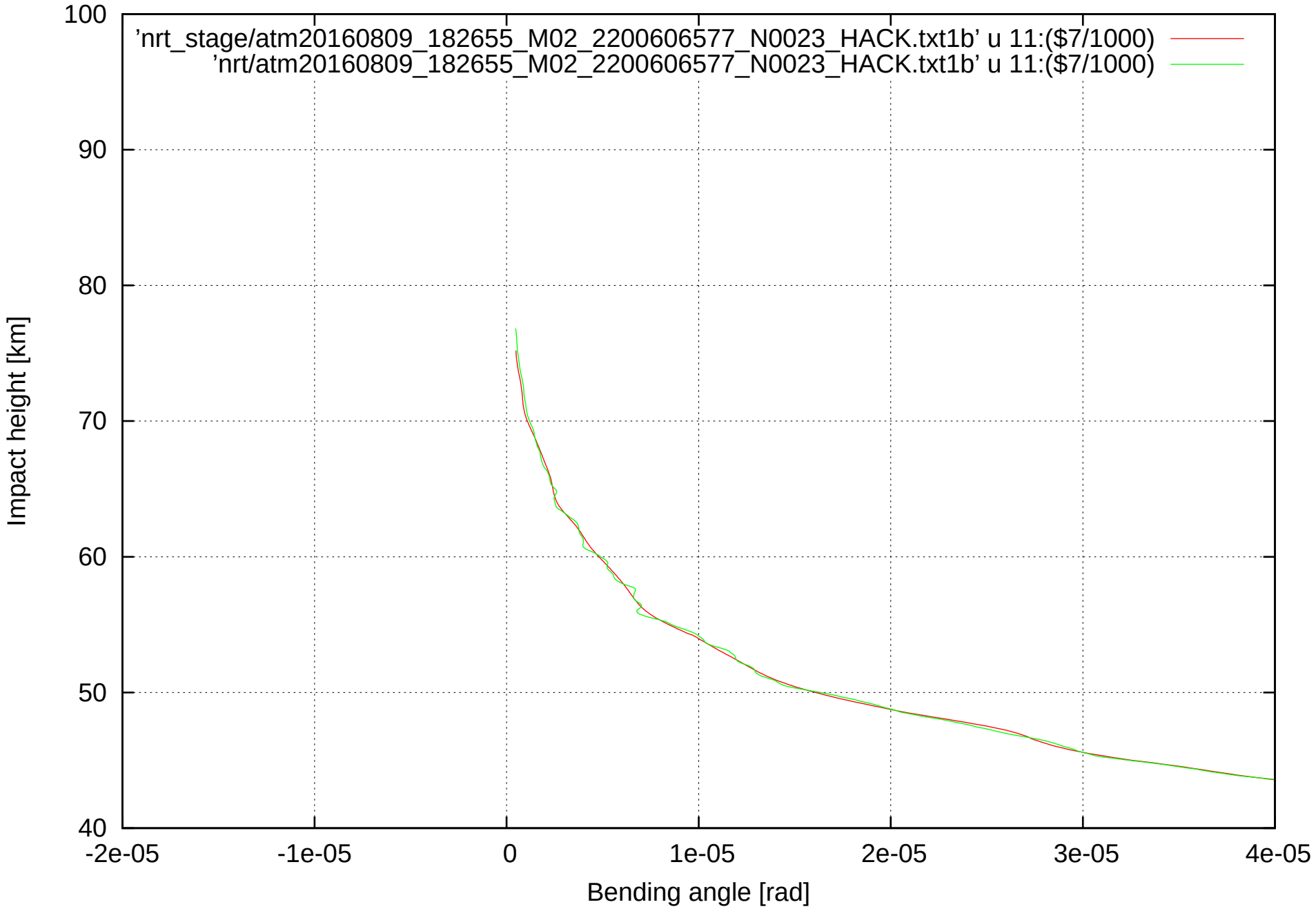

'nrt_stage/atm20160809_182655_M02_2200606577_N0023_XXXX.txt1b' u 10:($6/1000)
'nrt/atm20160809_182655_M02_2200606577_N0023_XXXX.txt1b' u 10:($6/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

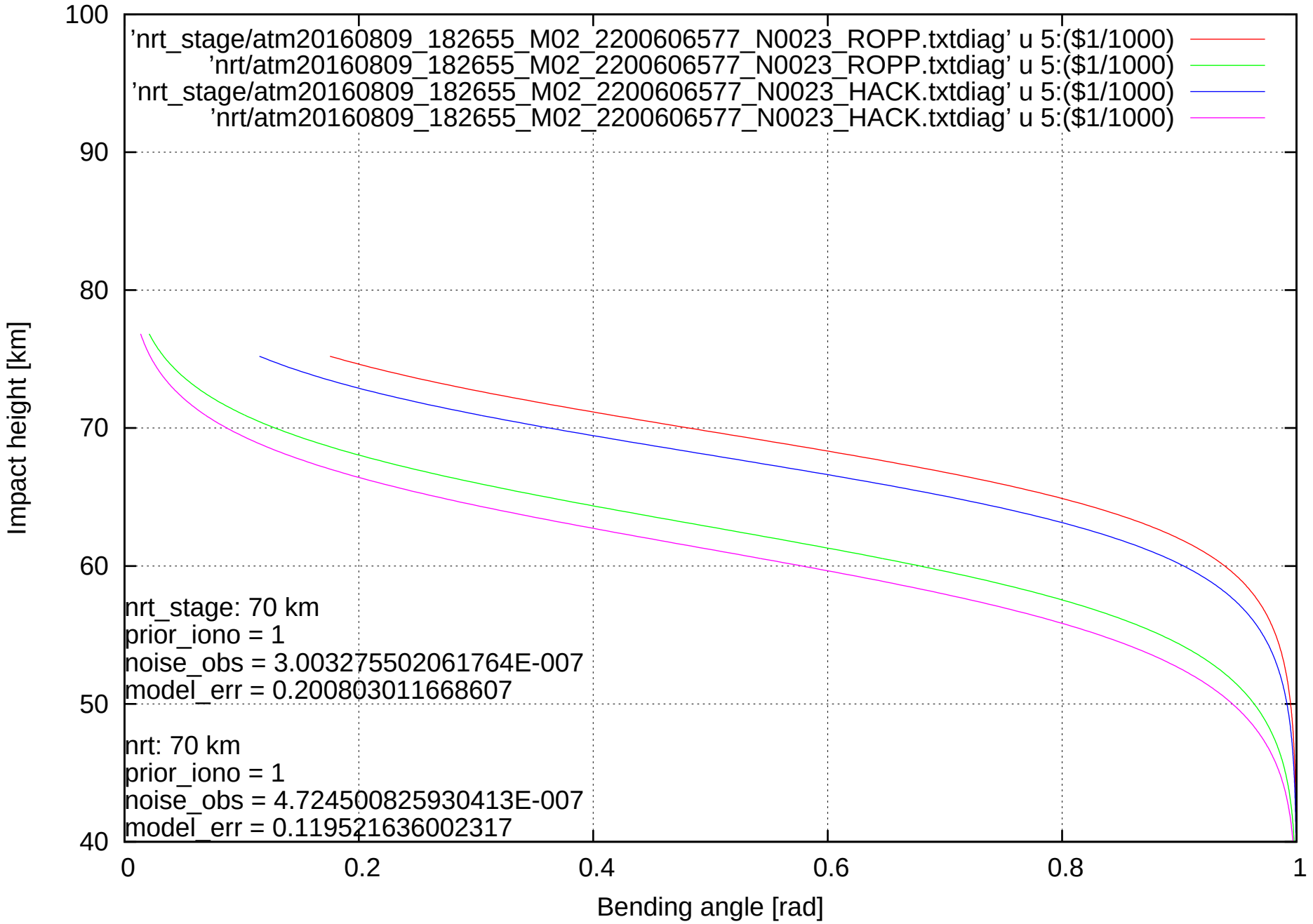

'nrt_stage/atm20160809_182655_M02_2200606577_N0023_ROPP.txt1b' u 11:($7/1000)
'nrt/atm20160809_182655_M02_2200606577_N0023_ROPP.txt1b' u 11:($7/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

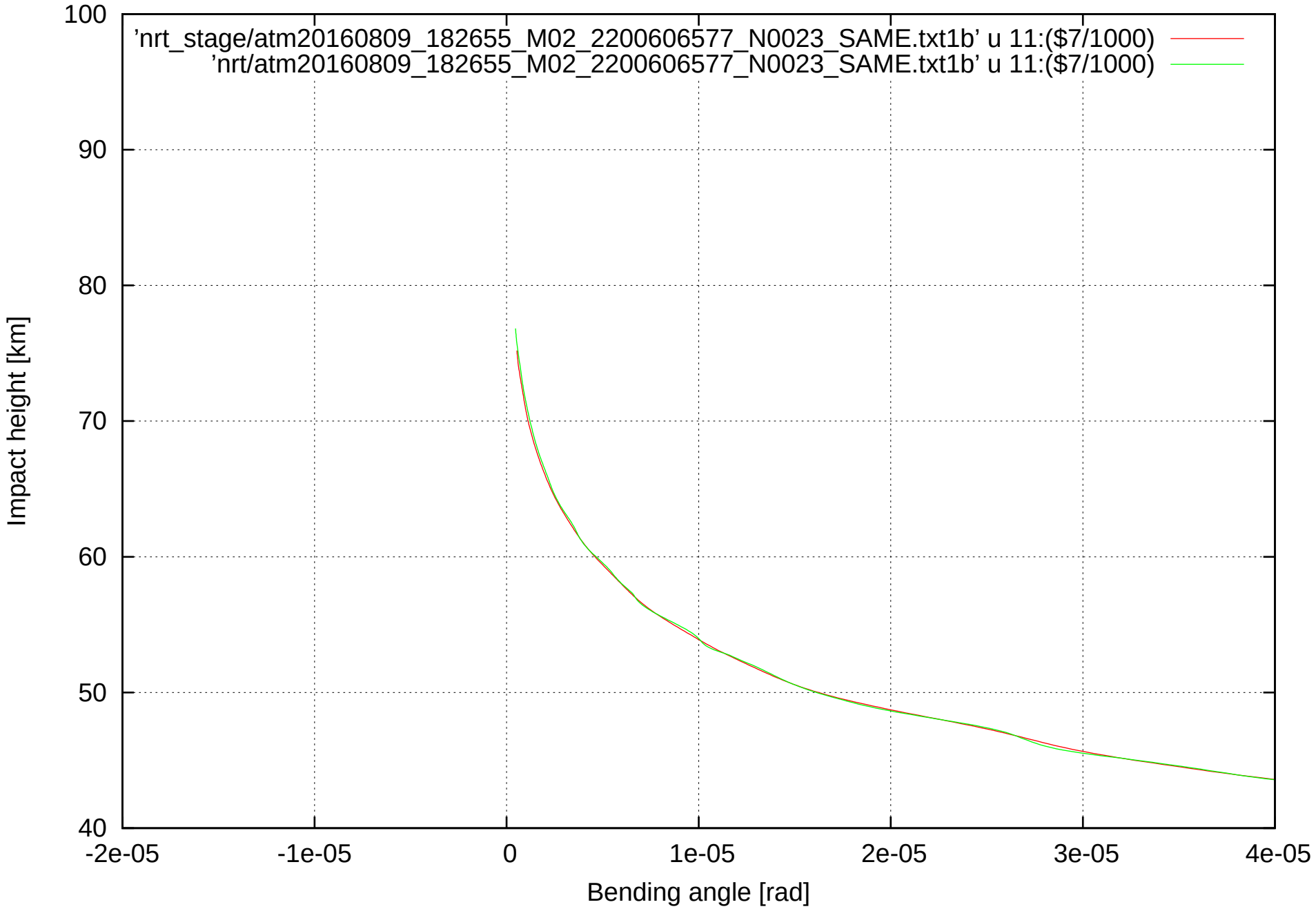

'nrt_stage/atm20160809_182655_M02_2200606577_N0023_ROPP.txt1b' u 10:($6/1000)
'nrt/atm20160809_182655_M02_2200606577_N0023_ROPP.txt1b' u 10:($6/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

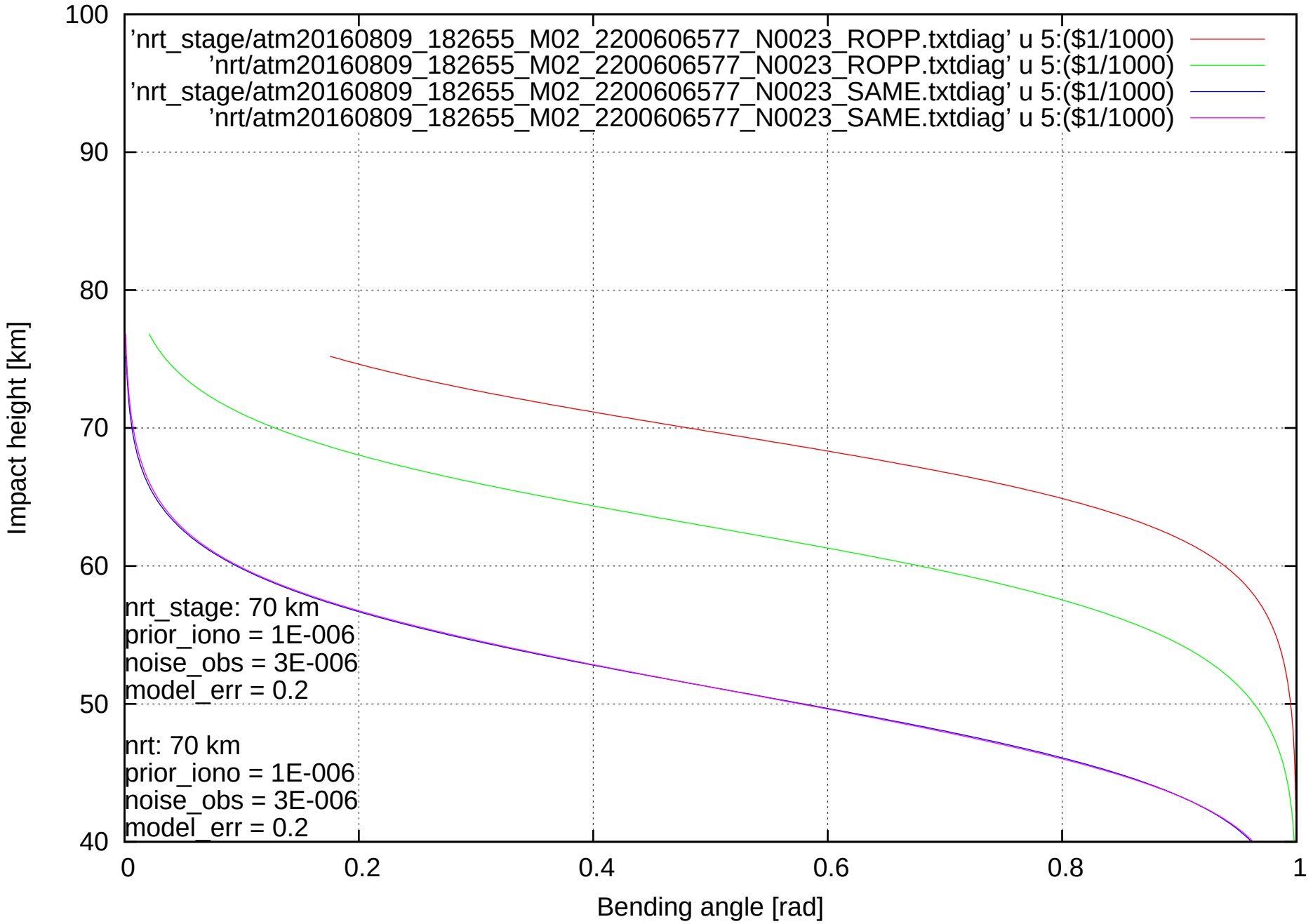

'nrt_stage/atm20160809_182655_M02_2200606577_N0023_PFIX.txt1b' u 11:($7/1000)
'nrt/atm20160809_182655_M02_2200606577_N0023_PFIX.txt1b' u 11:($7/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

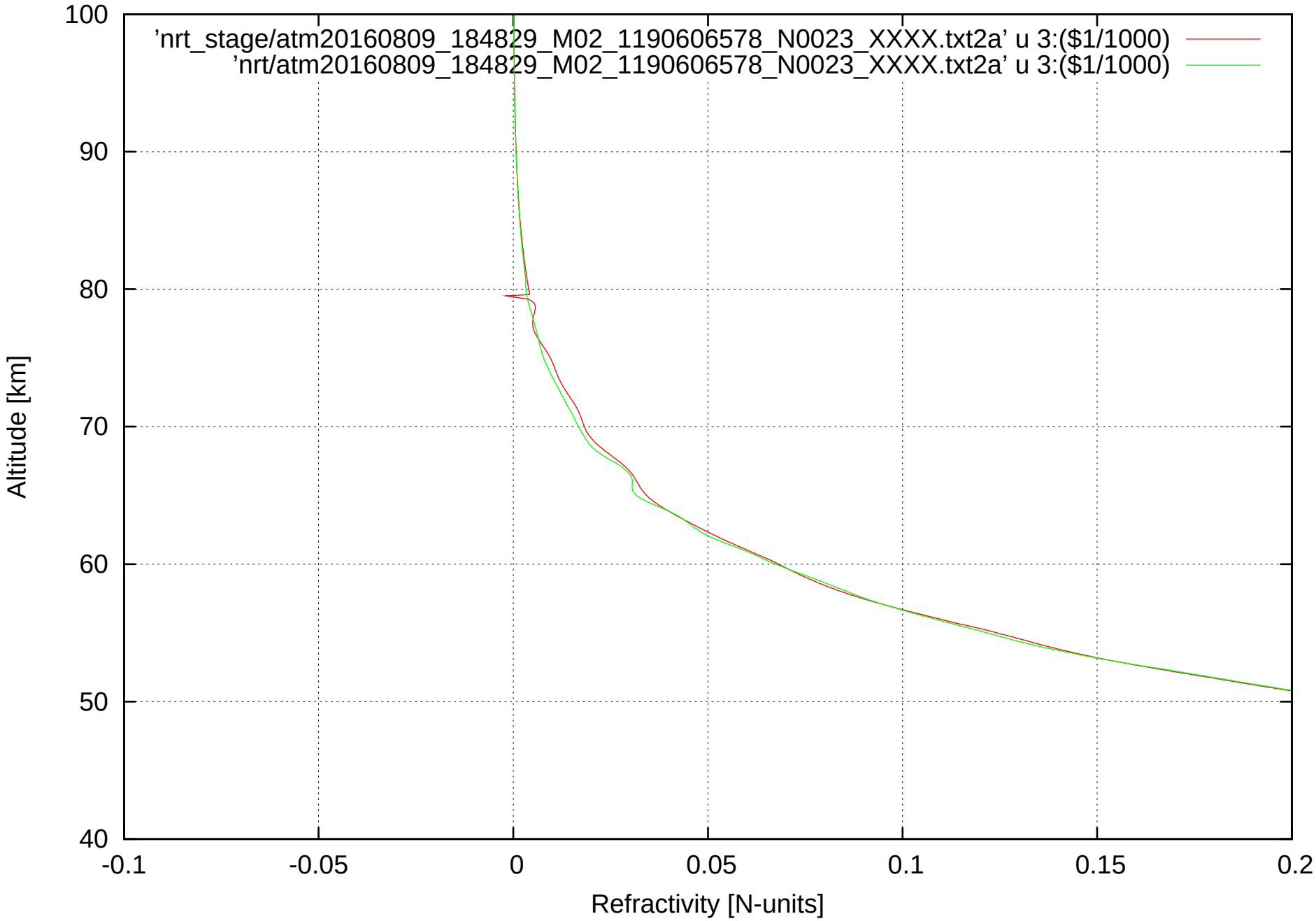

'nrt_stage/atm20160809_182655_M02_2200606577_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt/atm20160809_182655_M02_2200606577_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt_stage/atm20160809_182655_M02_2200606577_N0023_PFIX.txtdiag' u 5:($1/1000)
'nrt/atm20160809_182655_M02_2200606577_N0023_PFIX.txtdiag' u 5:($1/1000)
nrt_stage: 70 km
prior_iono = 2.907445689879780E-007
noise_obs = 3.003275502061764E-007
model_err = 0.200803011668607
nrt: 70 km
prior_iono = 4.914482238139965E-007
noise_obs = 4.724500825930413E-007
model_err = 0.119521636002317
Impact height [km]
Bending angle [rad]
100
90
80
70
60
50
40
0
0.2
0.4
0.6
0.8
1

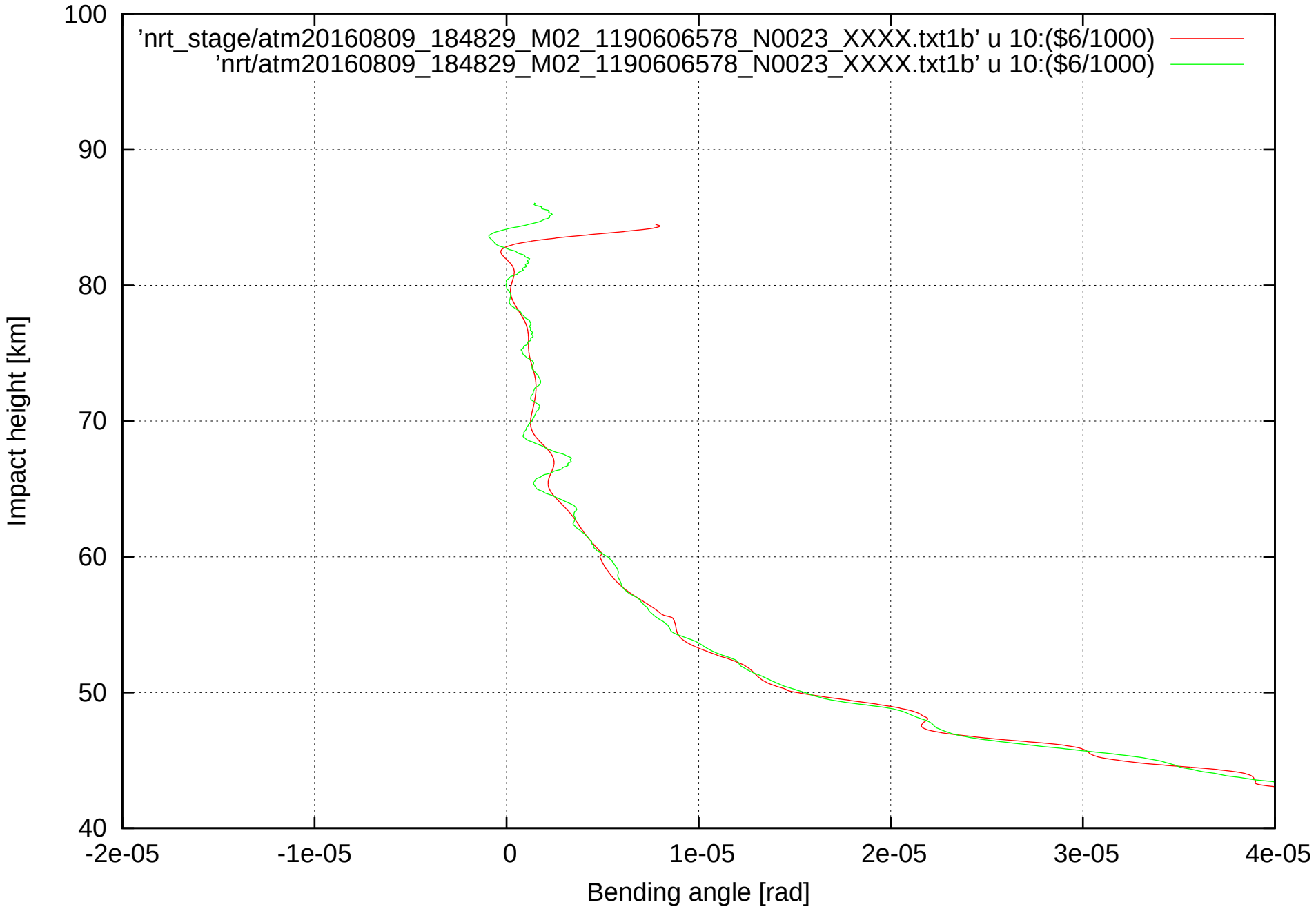

'nrt_stage/atm20160809_182655_M02_2200606577_N0023_HACK.txt1b' u 11:($7/1000)
'nrt/atm20160809_182655_M02_2200606577_N0023_HACK.txt1b' u 11:($7/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

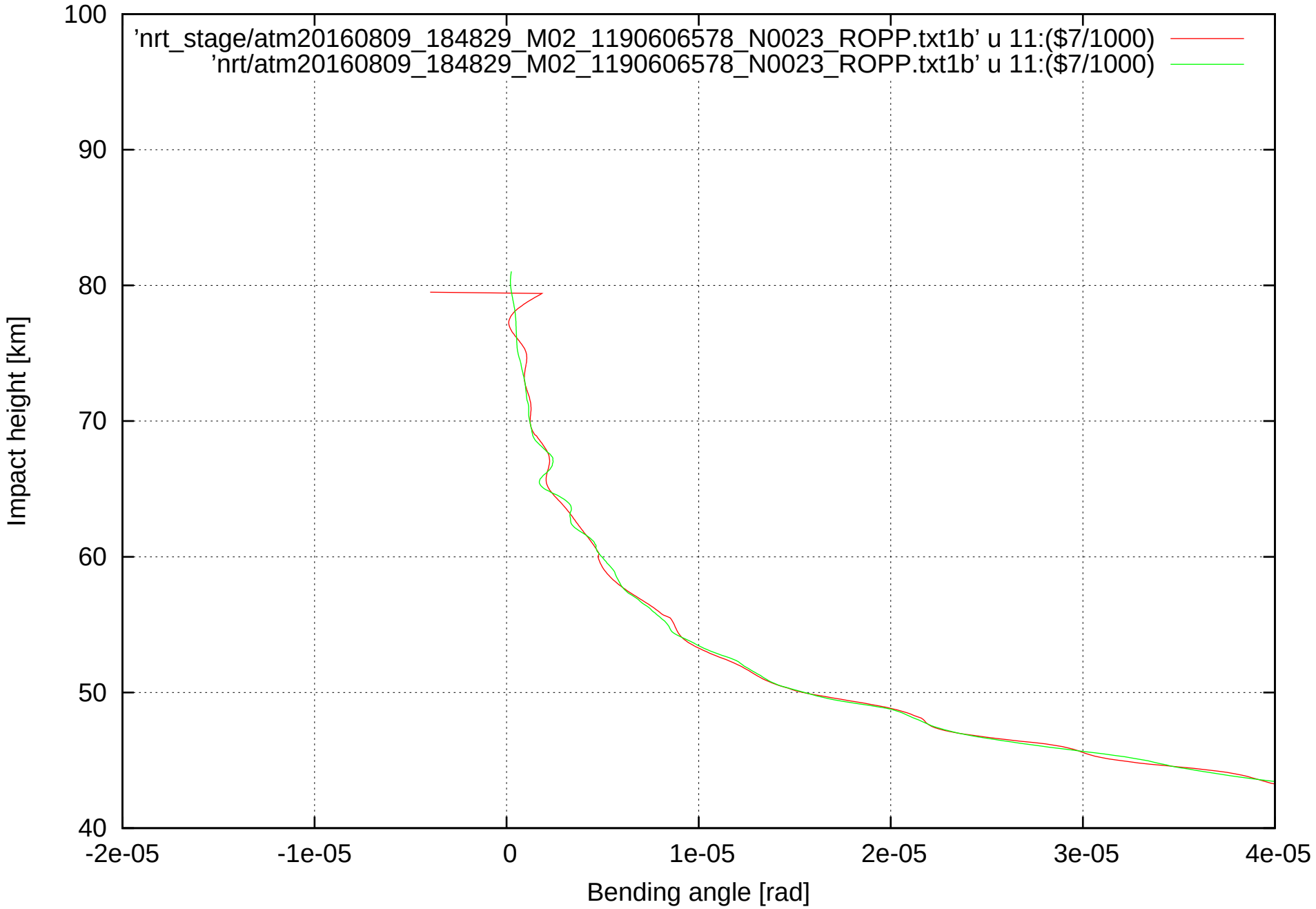

'nrt_stage/atm20160809_182655_M02_2200606577_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt/atm20160809_182655_M02_2200606577_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt_stage/atm20160809_182655_M02_2200606577_N0023_HACK.txtdiag' u 5:($1/1000)
'nrt/atm20160809_182655_M02_2200606577_N0023_HACK.txtdiag' u 5:($1/1000)
nrt_stage: 70 km
prior_iono = 1
noise_obs = 3.003275502061764E-007
model_err = 0.200803011668607
nrt: 70 km
prior_iono = 1
noise_obs = 4.724500825930413E-007
model_err = 0.119521636002317
Impact height [km]
Bending angle [rad]
100
90
80
70
60
50
40
0
0.2
0.4
0.6
0.8
1

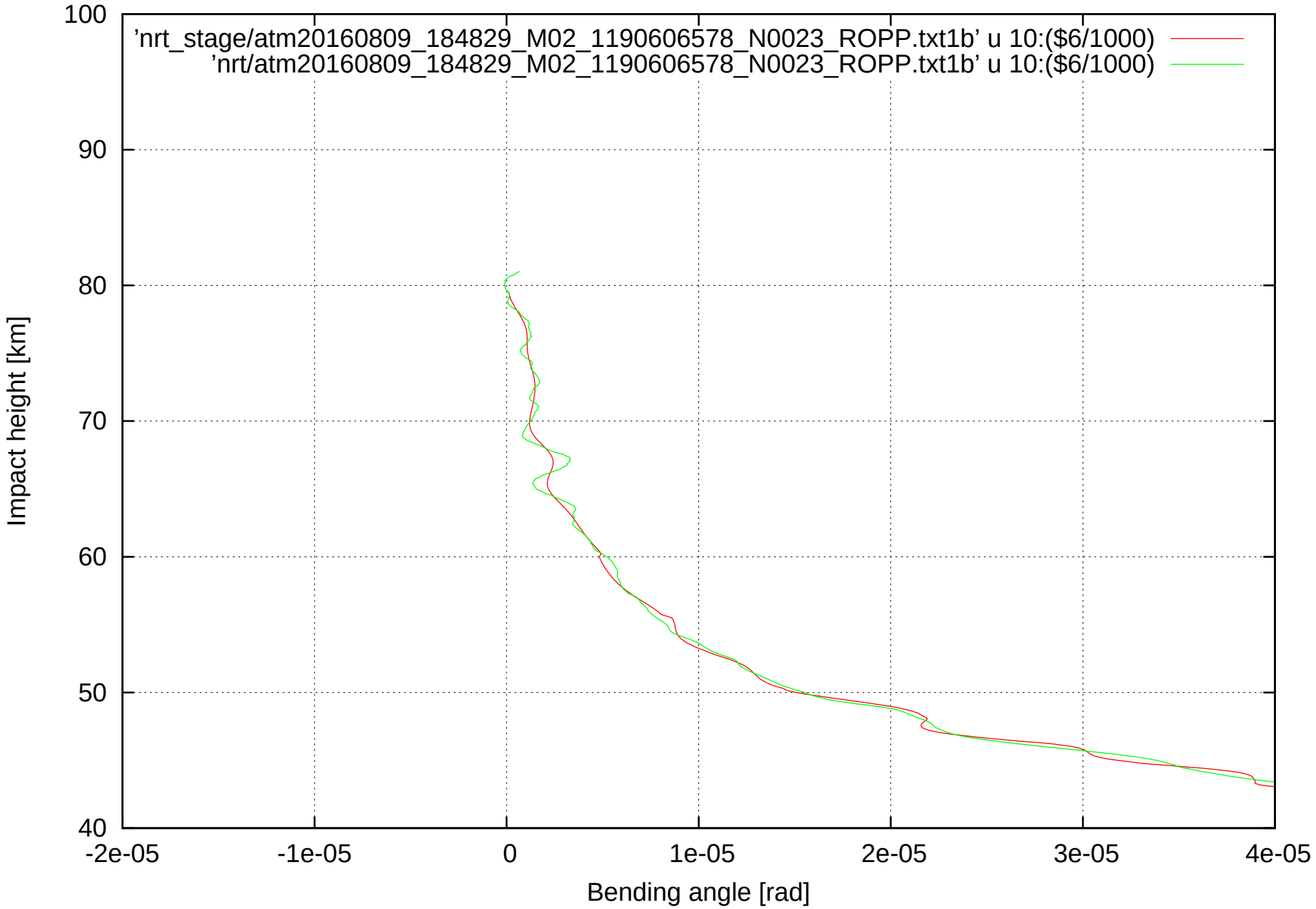

'nrt_stage/atm20160809_182655_M02_2200606577_N0023_SAME.txt1b' u 11:($7/1000)
'nrt/atm20160809_182655_M02_2200606577_N0023_SAME.txt1b' u 11:($7/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

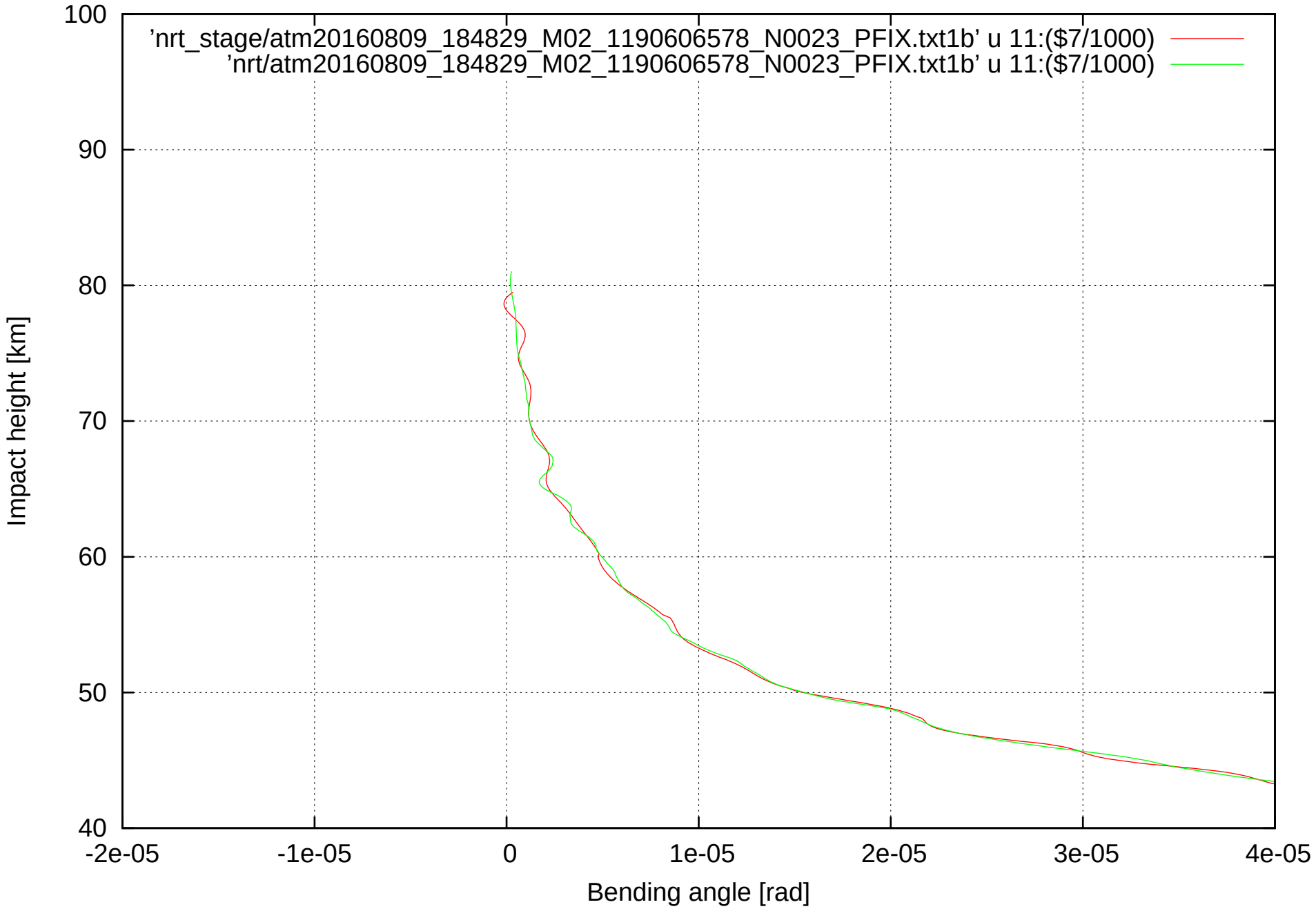

'nrt_stage/atm20160809_182655_M02_2200606577_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt/atm20160809_182655_M02_2200606577_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt_stage/atm20160809_182655_M02_2200606577_N0023_SAME.txtdiag' u 5:($1/1000)
'nrt/atm20160809_182655_M02_2200606577_N0023_SAME.txtdiag' u 5:($1/1000)
nrt_stage: 70 km
prior_iono = 1E-006
noise_obs = 3E-006
model_err = 0.2
nrt: 70 km
prior_iono = 1E-006
noise_obs = 3E-006
model_err = 0.2
Impact height [km]
Bending angle [rad]
100
90
80
70
60
50
40
0
0.2
0.4
0.6
0.8
1

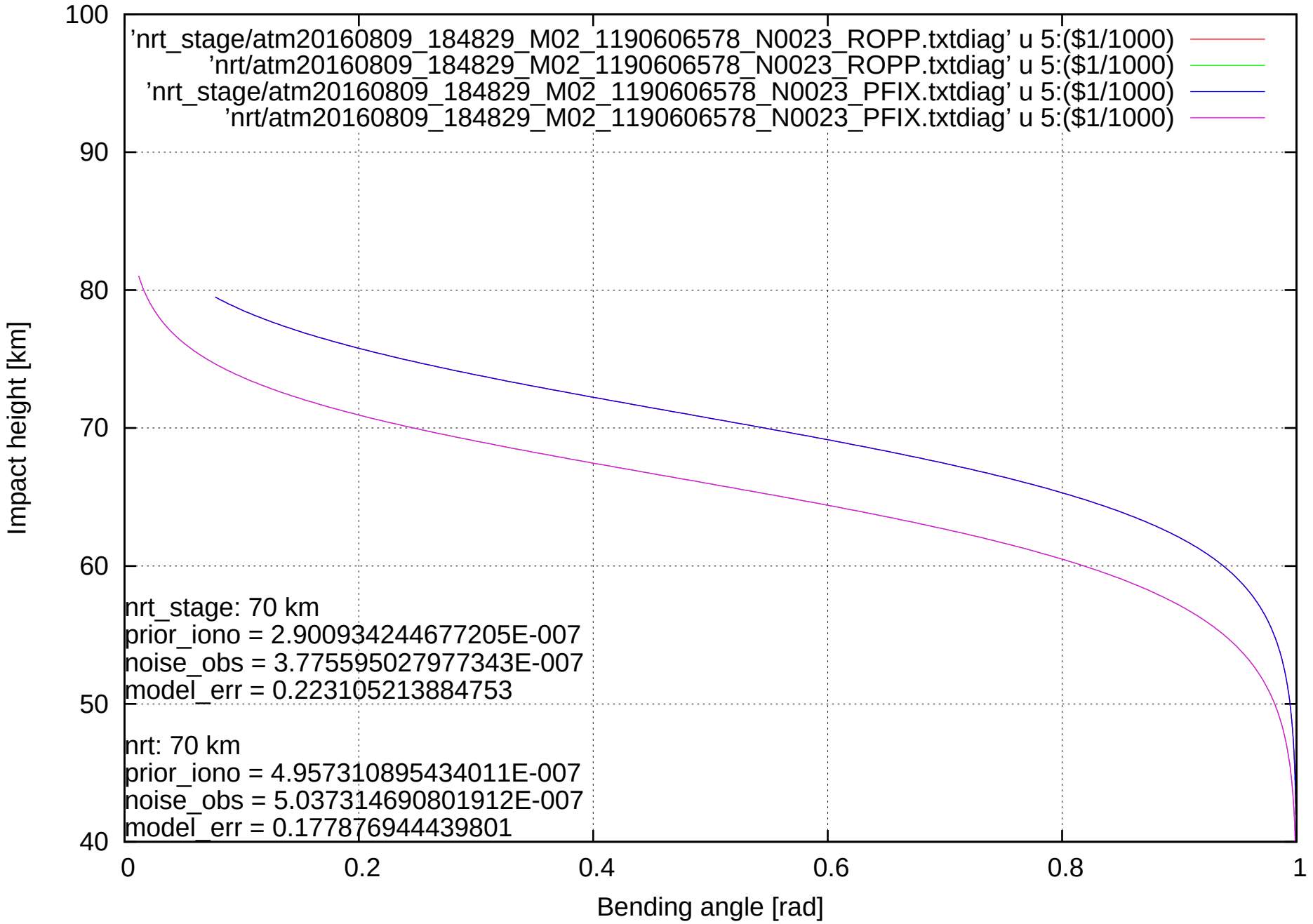

'nrt_stage/atm20160809_184829_M02_1190606578_N0023_XXXX.txt2a' u 3:($1/1000)
'nrt/atm20160809_184829_M02_1190606578_N0023_XXXX.txt2a' u 3:($1/1000)
Altitude [km]
100
90
80
70
60
50
40
-0.1
-0.05
0
0.05
0.1
0.15
0.2
Refractivity [N-units]

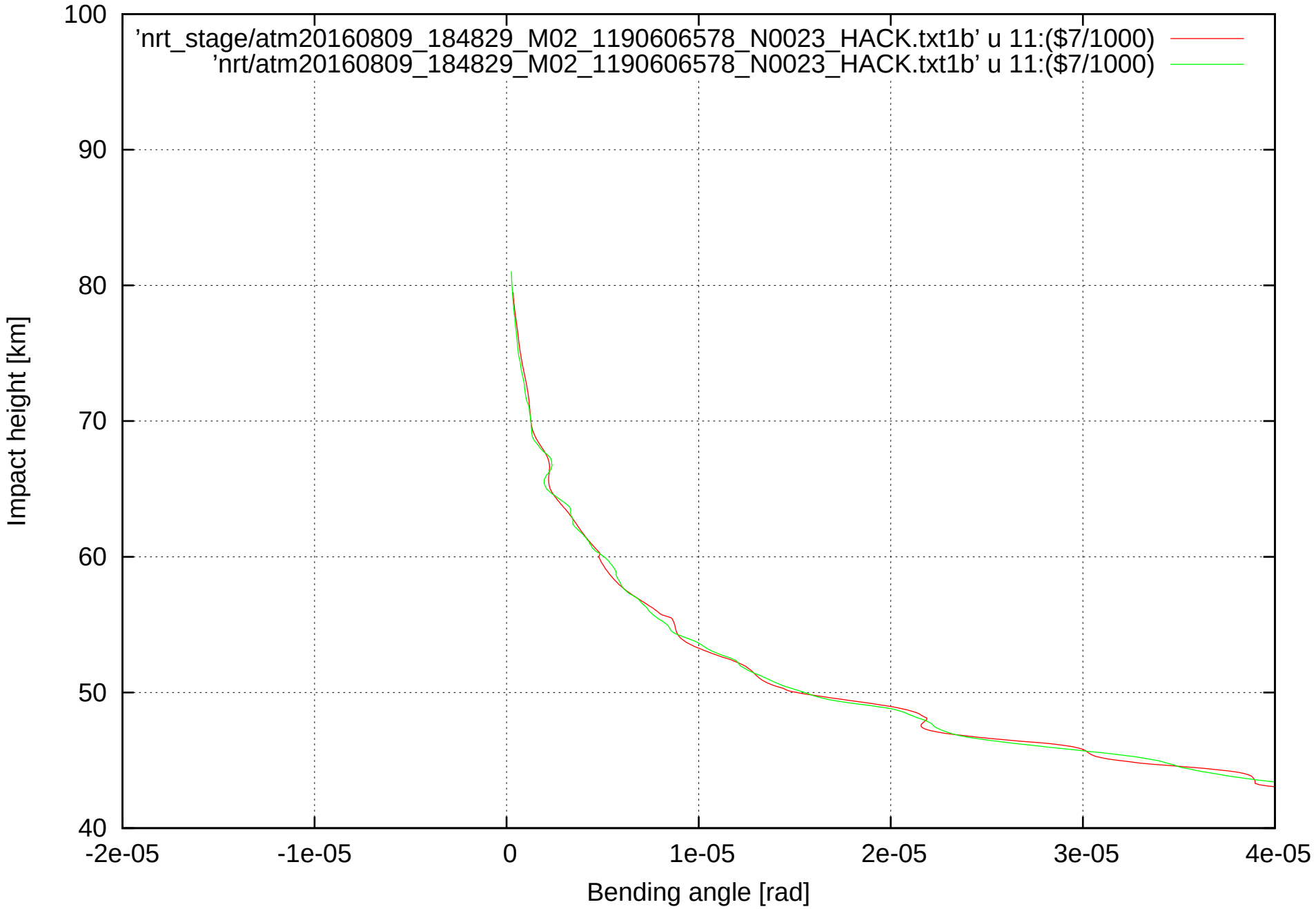

'nrt_stage/atm20160809_184829_M02_1190606578_N0023_XXXX.txt1b' u 10:($6/1000)
'nrt/atm20160809_184829_M02_1190606578_N0023_XXXX.txt1b' u 10:($6/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

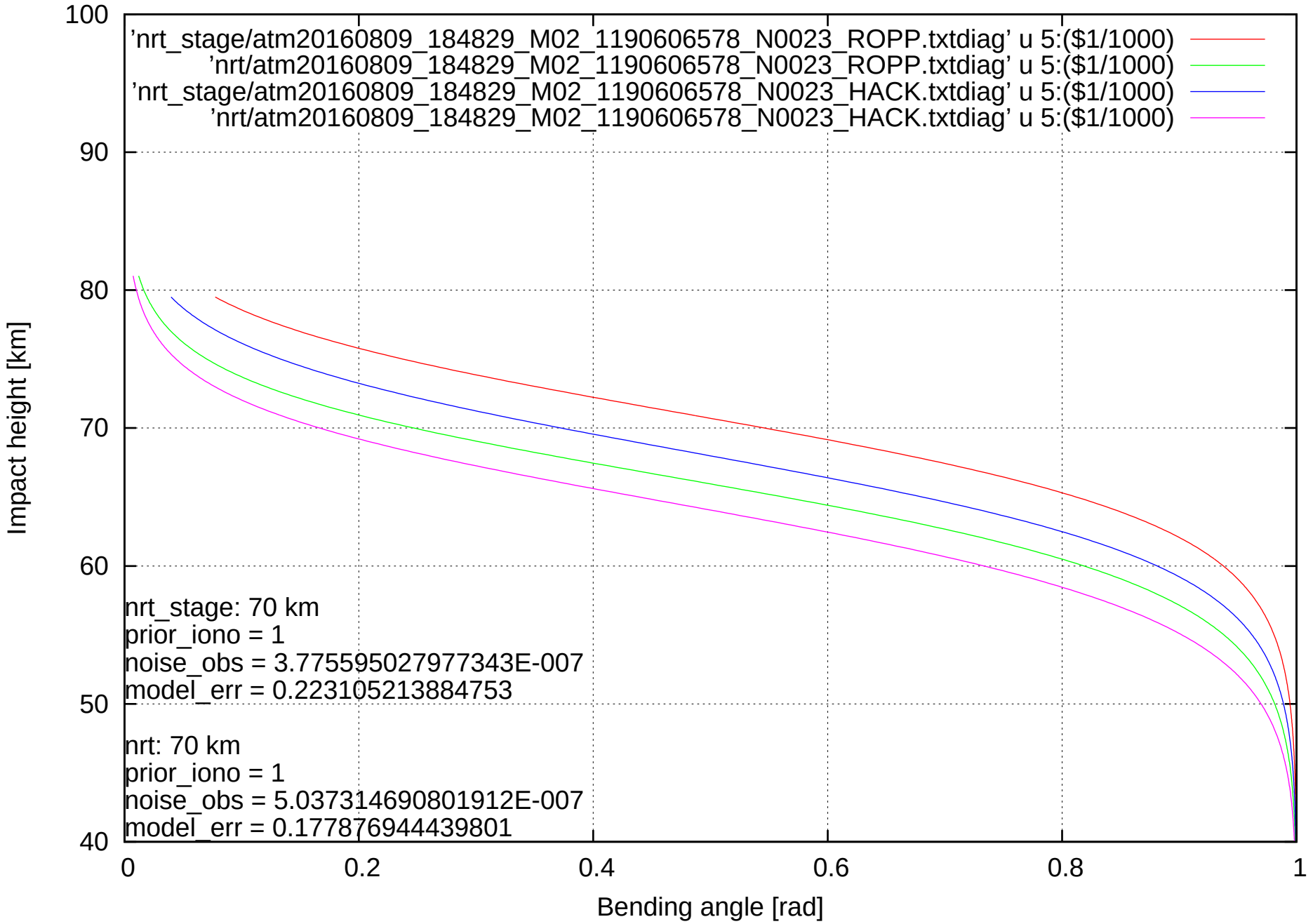

'nrt_stage/atm20160809_184829_M02_1190606578_N0023_ROPP.txt1b' u 11:($7/1000)
'nrt/atm20160809_184829_M02_1190606578_N0023_ROPP.txt1b' u 11:($7/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

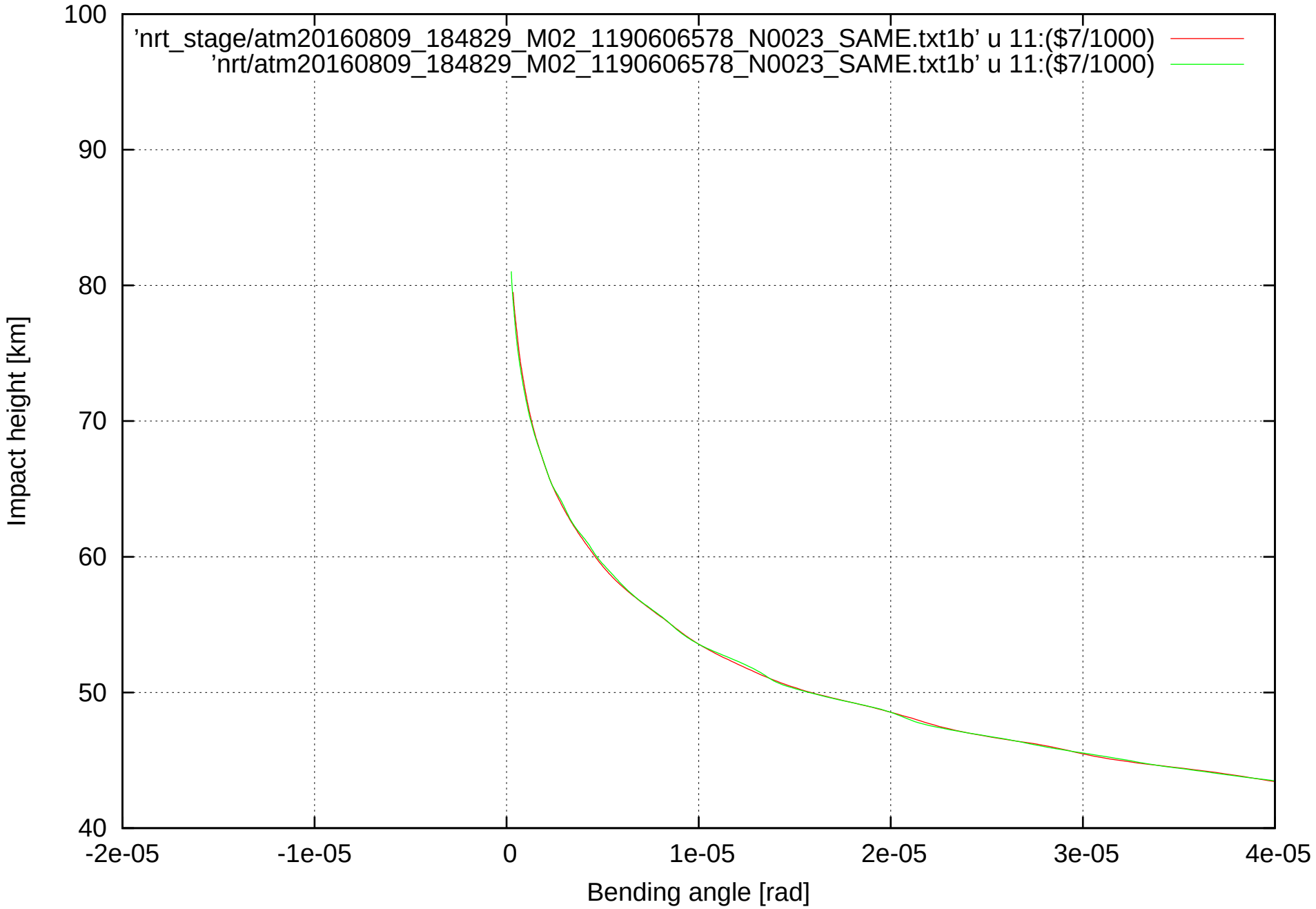

'nrt_stage/atm20160809_184829_M02_1190606578_N0023_ROPP.txt1b' u 10:($6/1000)
'nrt/atm20160809_184829_M02_1190606578_N0023_ROPP.txt1b' u 10:($6/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

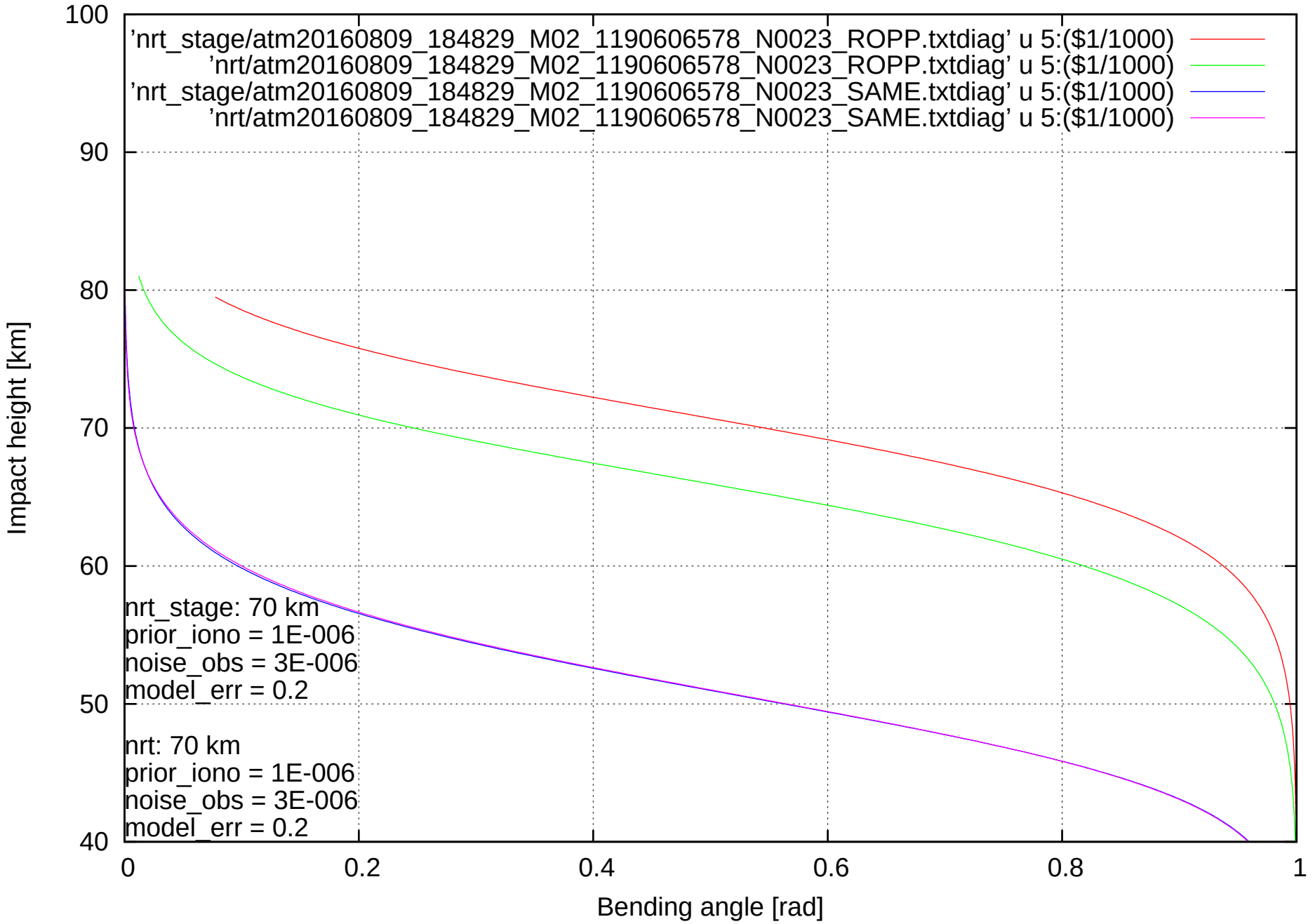

'nrt_stage/atm20160809_184829_M02_1190606578_N0023_PFIX.txt1b' u 11:($7/1000)
'nrt/atm20160809_184829_M02_1190606578_N0023_PFIX.txt1b' u 11:($7/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

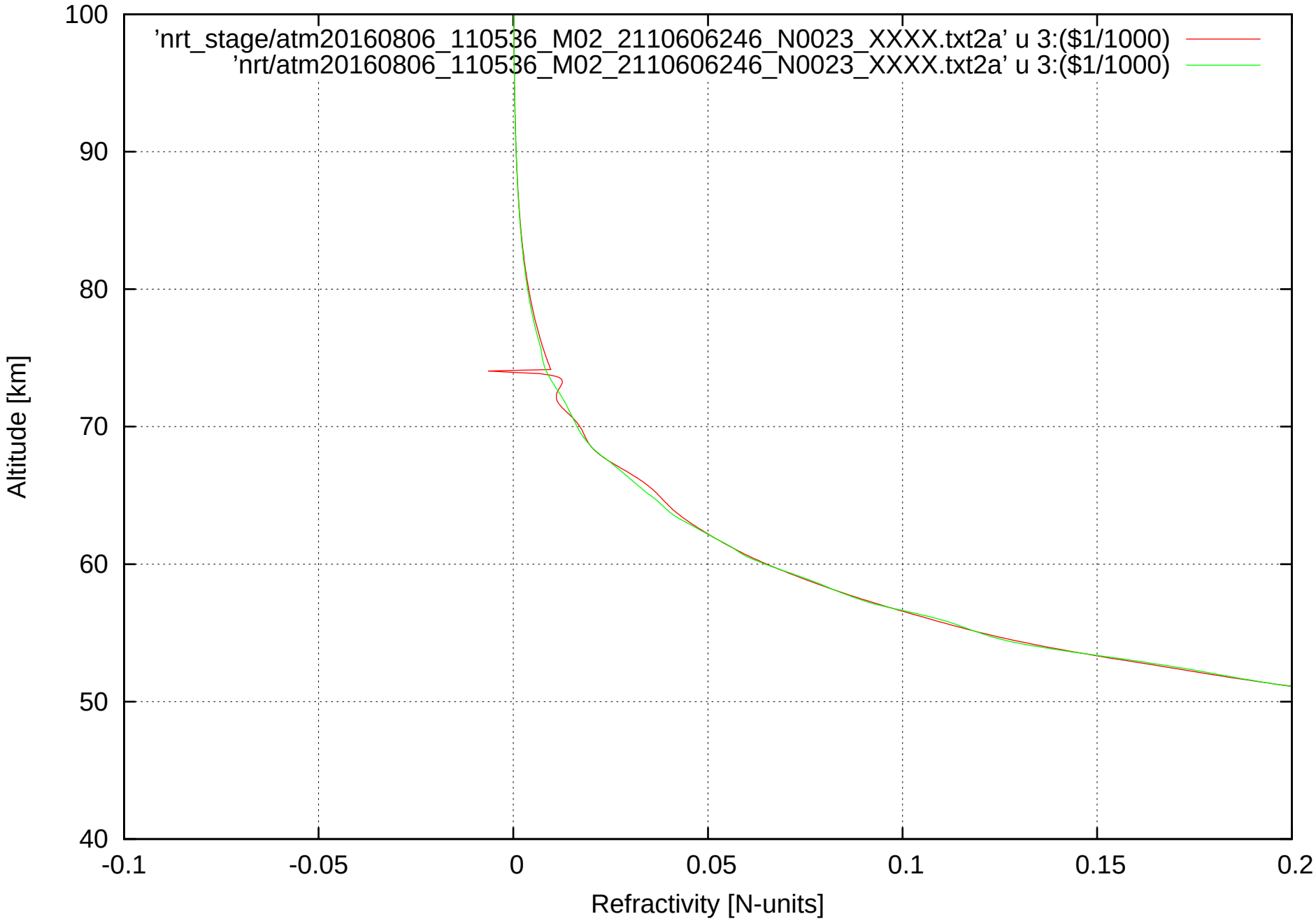

'nrt_stage/atm20160809_184829_M02_1190606578_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt/atm20160809_184829_M02_1190606578_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt_stage/atm20160809_184829_M02_1190606578_N0023_PFIX.txtdiag' u 5:($1/1000)
'nrt/atm20160809_184829_M02_1190606578_N0023_PFIX.txtdiag' u 5:($1/1000)
nrt_stage: 70 km
prior_iono = 2.900934244677205E-007
noise_obs = 3.775595027977343E-007
model_err = 0.223105213884753
nrt: 70 km
prior_iono = 4.957310895434011E-007
noise_obs = 5.037314690801912E-007
model_err = 0.177876944439801
Impact height [km]
Bending angle [rad]
100
90
80
70
60
50
40
0
0.2
0.4
0.6
0.8
1

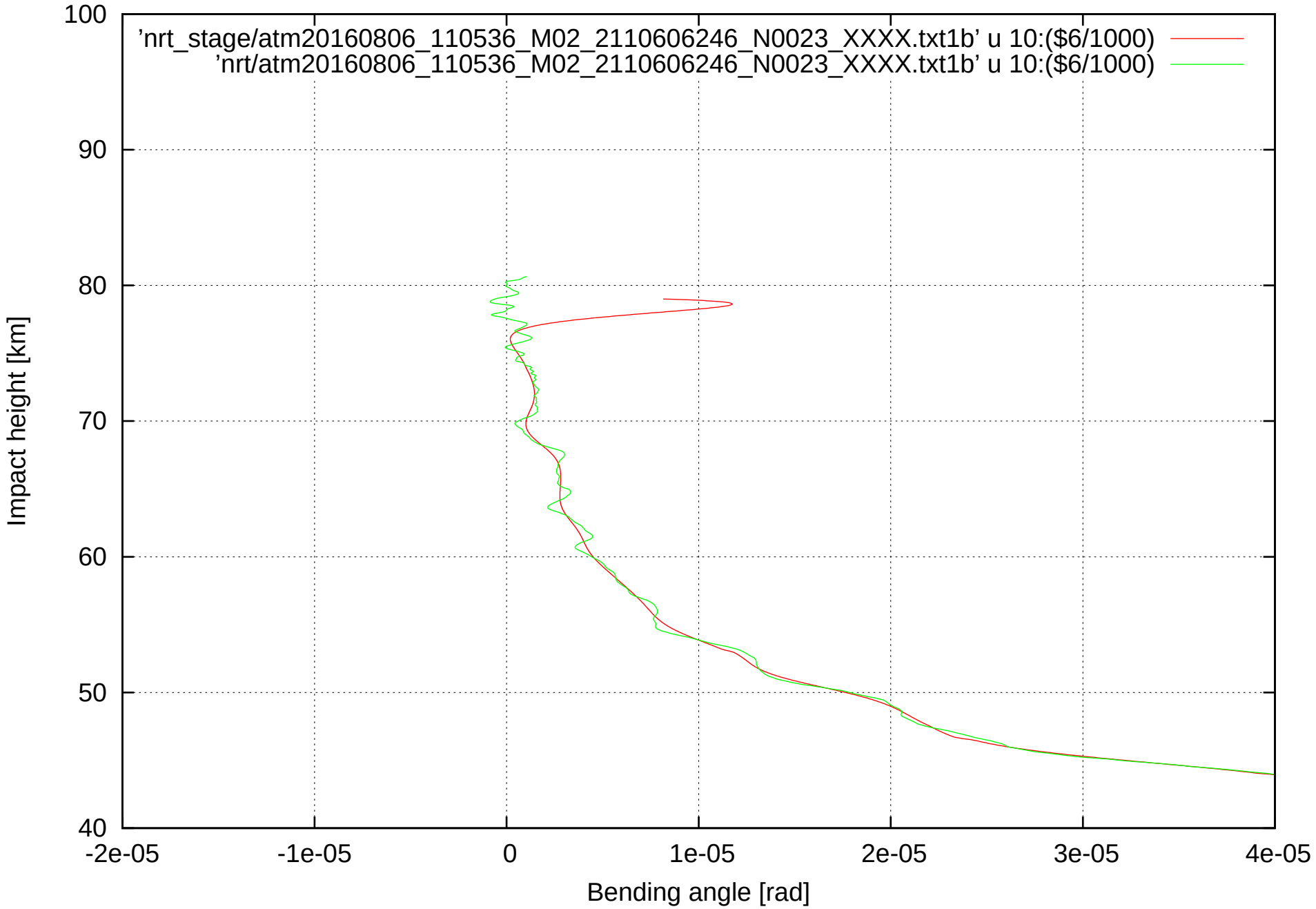

'nrt_stage/atm20160809_184829_M02_1190606578_N0023_HACK.txt1b' u 11:($7/1000)
'nrt/atm20160809_184829_M02_1190606578_N0023_HACK.txt1b' u 11:($7/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

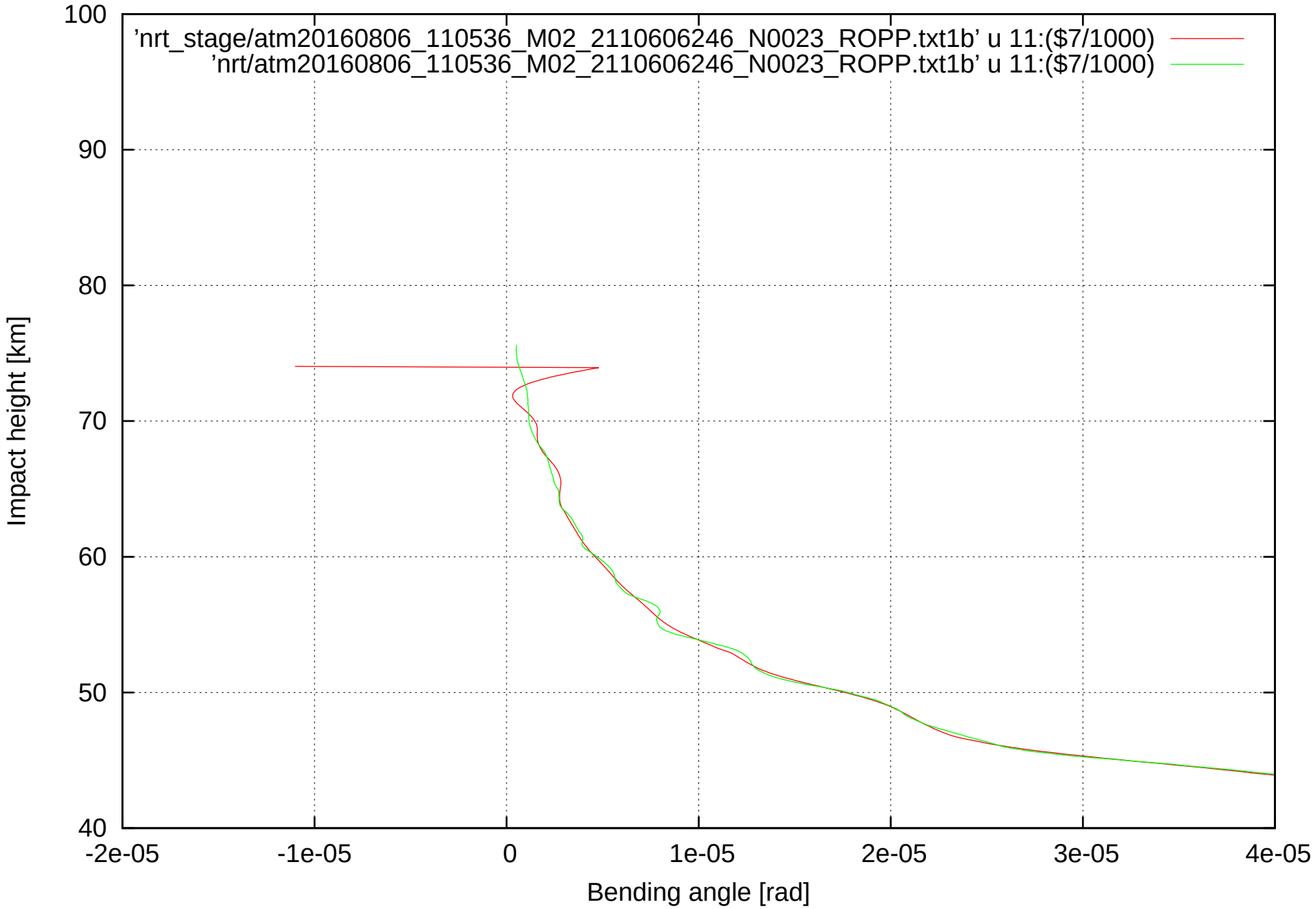

'nrt_stage/atm20160809_184829_M02_1190606578_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt/atm20160809_184829_M02_1190606578_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt_stage/atm20160809_184829_M02_1190606578_N0023_HACK.txtdiag' u 5:($1/1000)
'nrt/atm20160809_184829_M02_1190606578_N0023_HACK.txtdiag' u 5:($1/1000)
nrt_stage: 70 km
prior_iono = 1
noise_obs = 3.775595027977343E-007
model_err = 0.223105213884753
nrt: 70 km
prior_iono = 1
noise_obs = 5.037314690801912E-007
model_err = 0.177876944439801
Impact height [km]
Bending angle [rad]
100
90
80
70
60
50
40
0
0.2
0.4
0.6
0.8
1

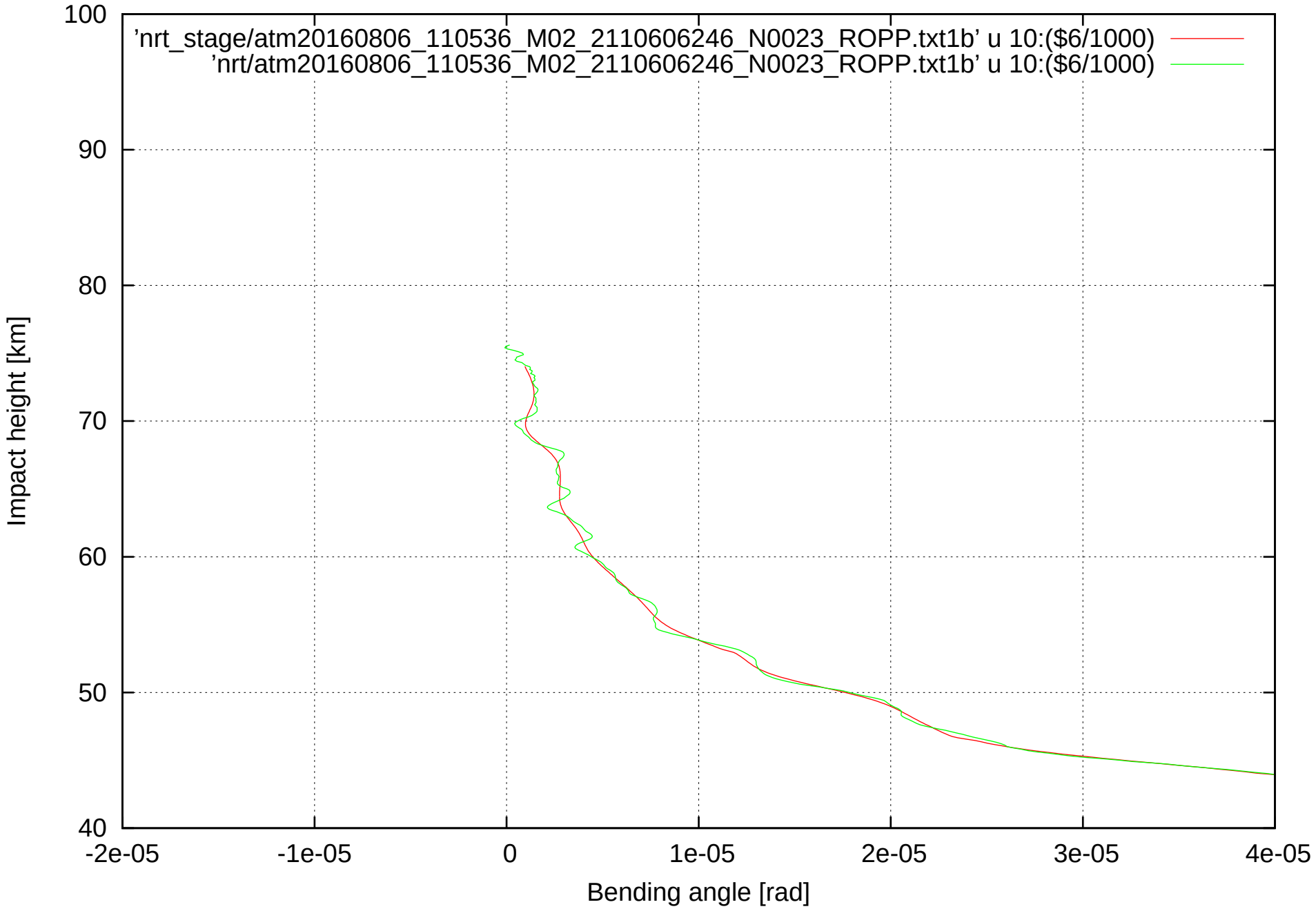

'nrt_stage/atm20160809_184829_M02_1190606578_N0023_SAME.txt1b' u 11:($7/1000)
'nrt/atm20160809_184829_M02_1190606578_N0023_SAME.txt1b' u 11:($7/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

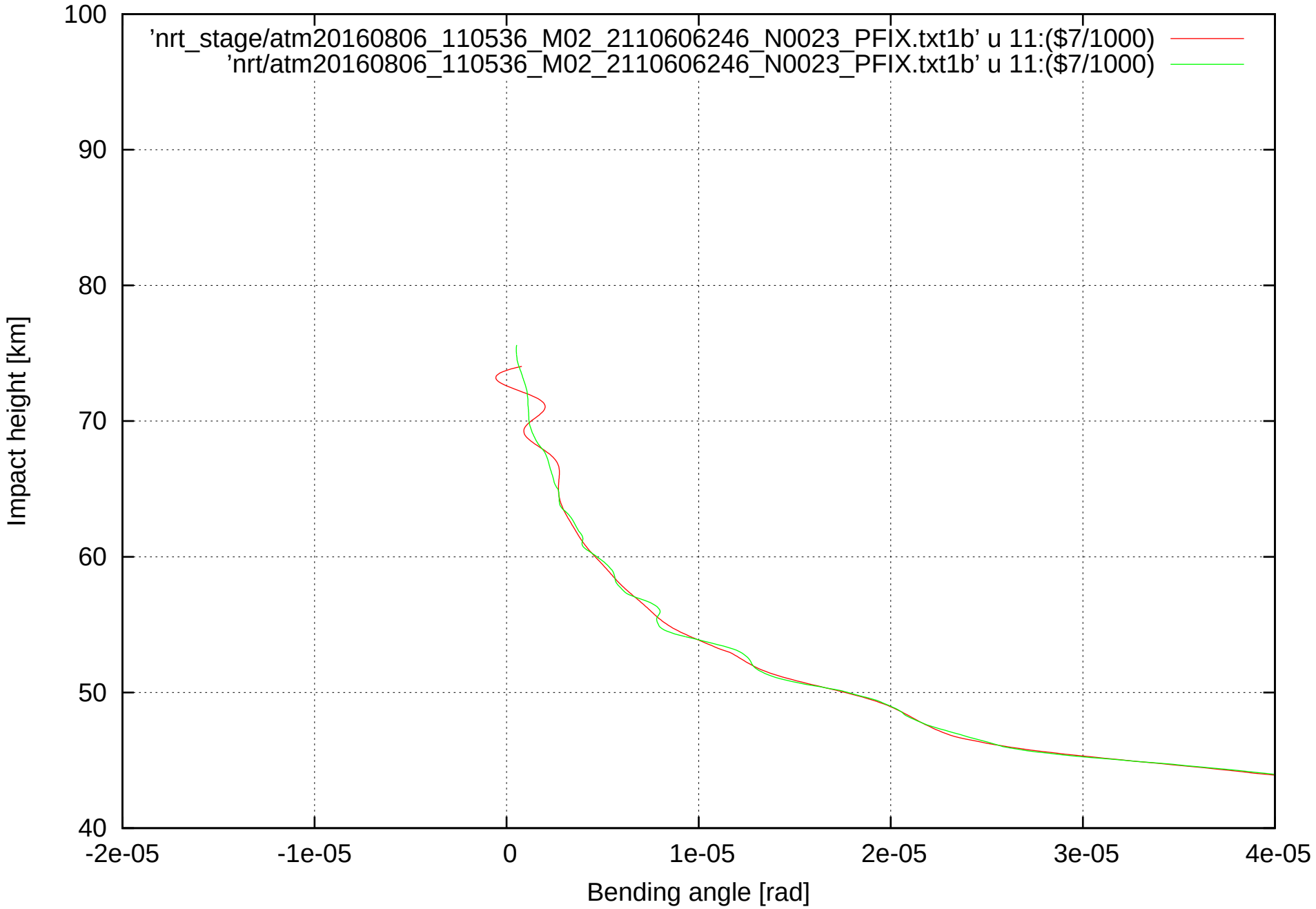

'nrt_stage/atm20160809_184829_M02_1190606578_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt/atm20160809_184829_M02_1190606578_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt_stage/atm20160809_184829_M02_1190606578_N0023_SAME.txtdiag' u 5:($1/1000)
'nrt/atm20160809_184829_M02_1190606578_N0023_SAME.txtdiag' u 5:($1/1000)
nrt_stage: 70 km
prior_iono = 1E-006
noise_obs = 3E-006
model_err = 0.2
nrt: 70 km
prior_iono = 1E-006
noise_obs = 3E-006
model_err = 0.2
Impact height [km]
Bending angle [rad]
100
90
80
70
60
50
40
0
0.2
0.4
0.6
0.8
1

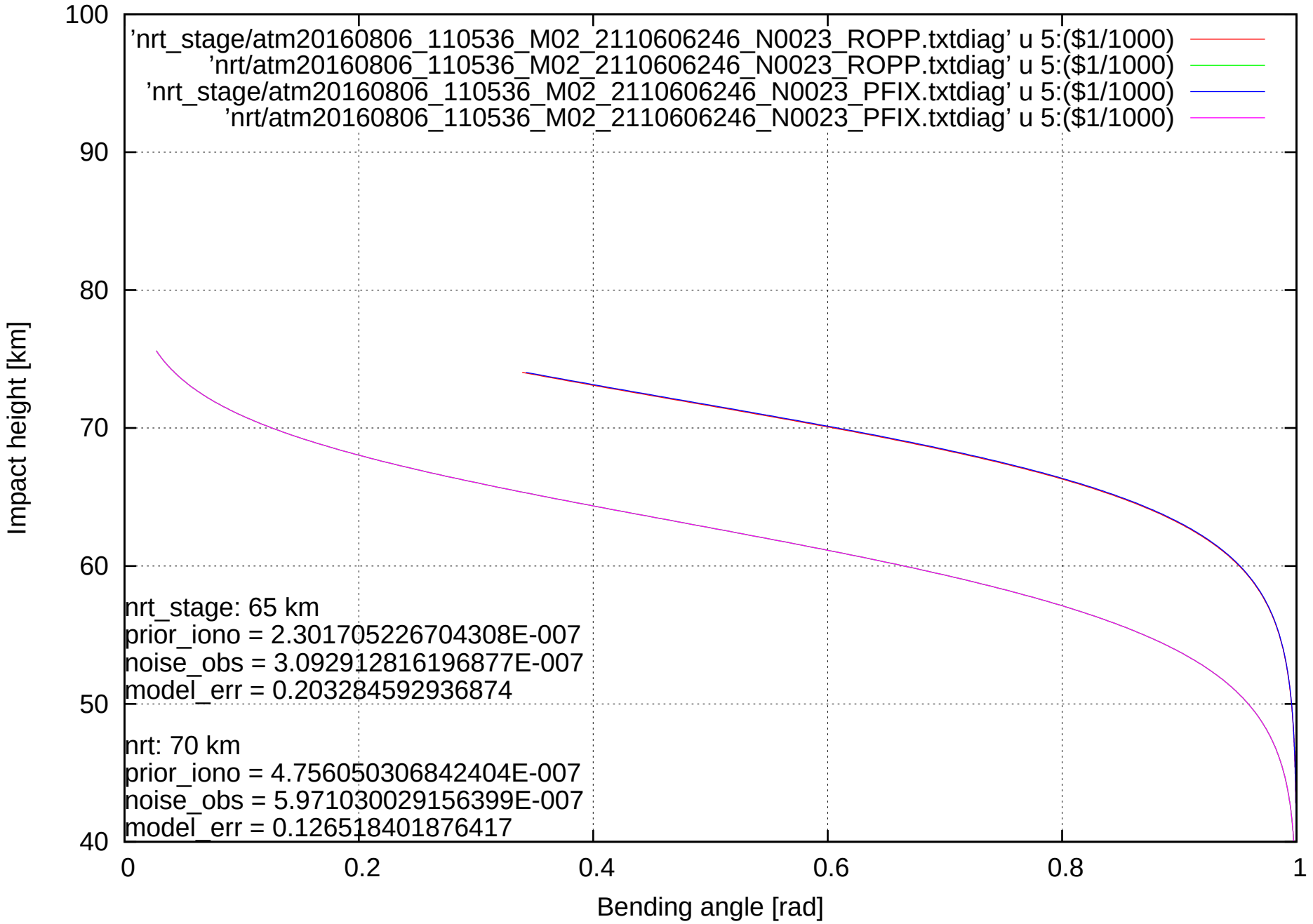

'nrt_stage/atm20160806_110536_M02_2110606246_N0023_XXXX.txt2a' u 3:($1/1000)
'nrt/atm20160806_110536_M02_2110606246_N0023_XXXX.txt2a' u 3:($1/1000)
Altitude [km]
100
90
80
70
60
50
40
-0.1
-0.05
0
0.05
0.1
0.15
0.2
Refractivity [N-units]

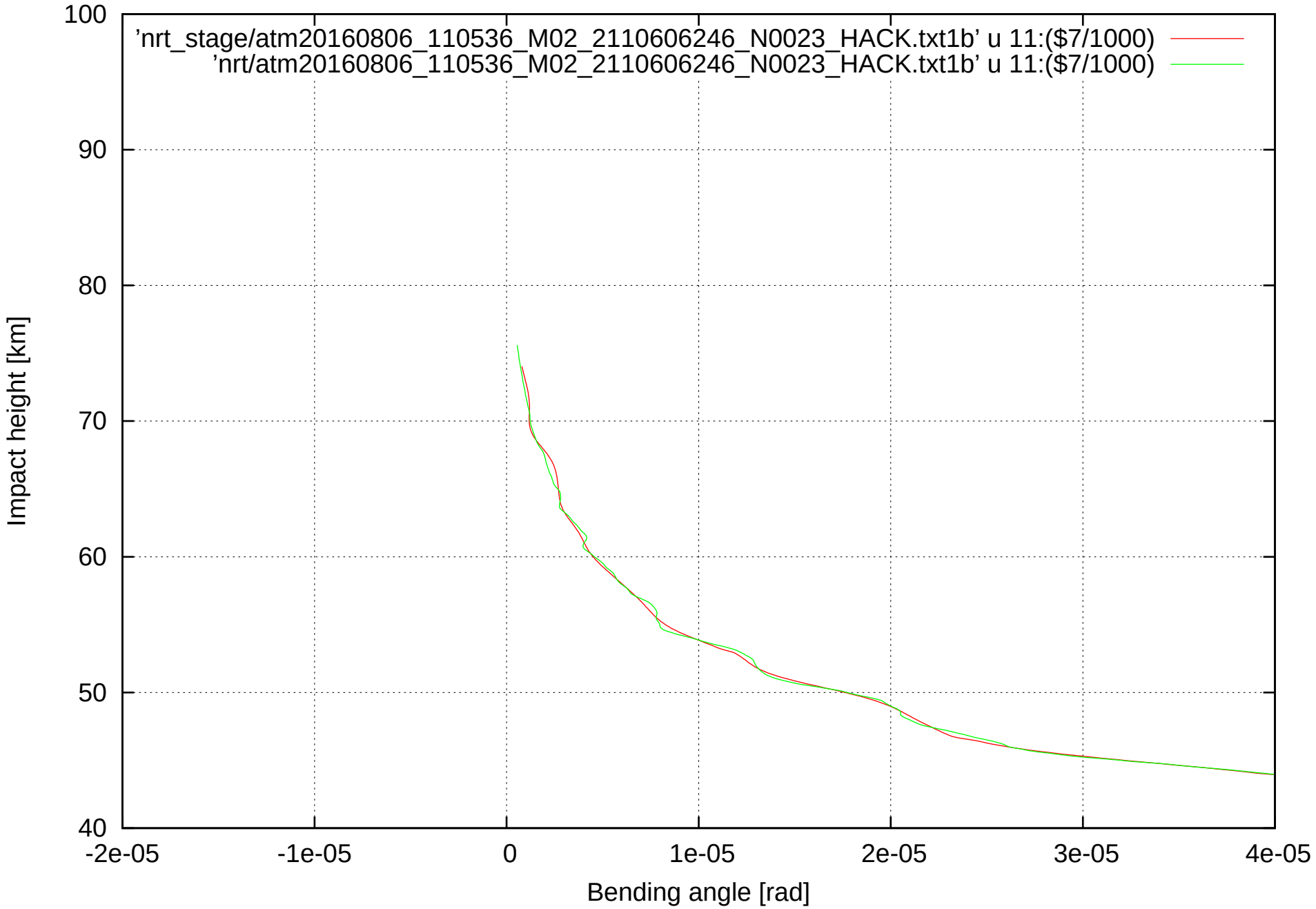

'nrt_stage/atm20160806_110536_M02_2110606246_N0023_XXXX.txt1b' u 10:($6/1000)
'nrt/atm20160806_110536_M02_2110606246_N0023_XXXX.txt1b' u 10:($6/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

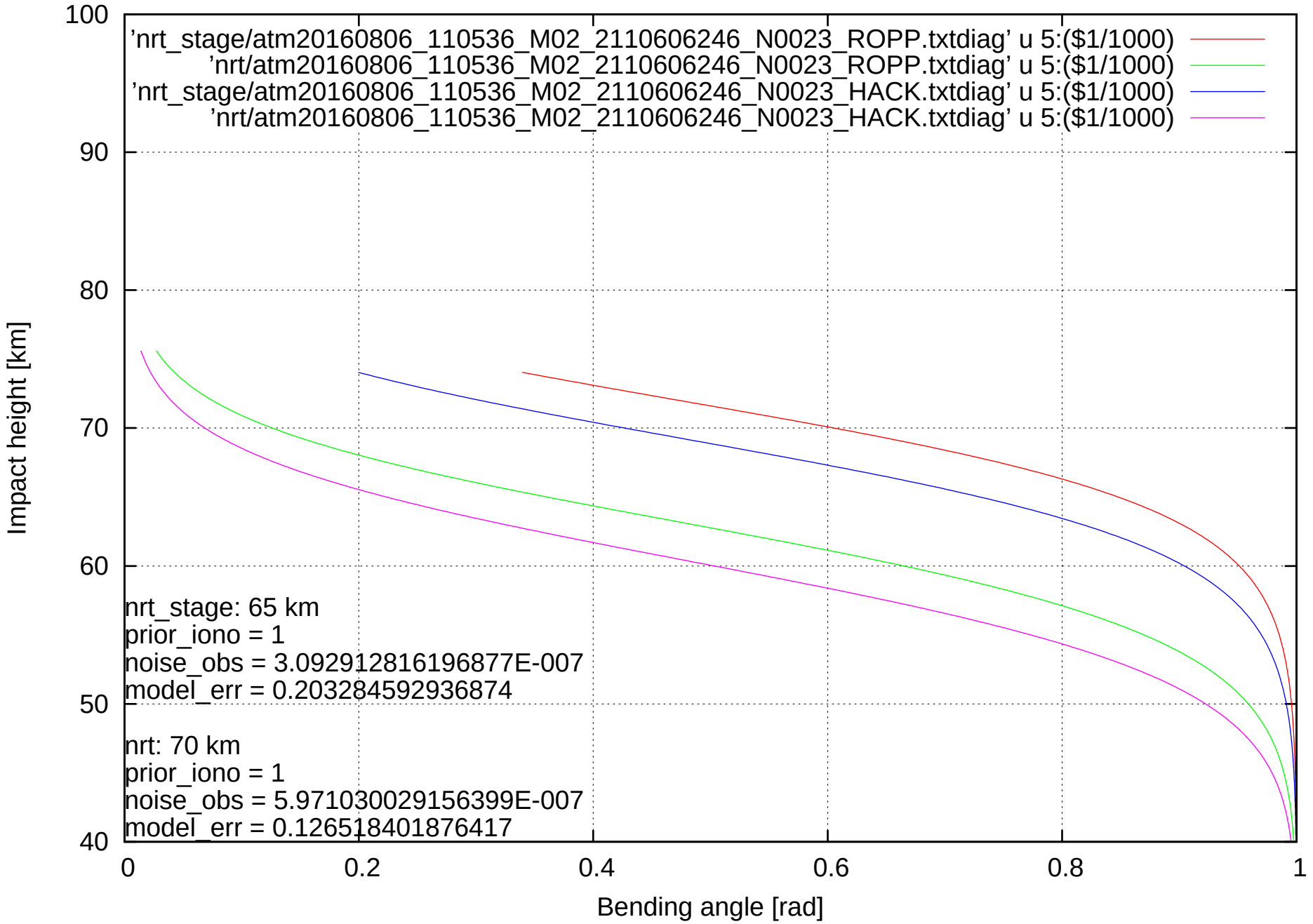

'nrt_stage/atm20160806_110536_M02_2110606246_N0023_ROPP.txt1b' u 11:($7/1000)
'nrt/atm20160806_110536_M02_2110606246_N0023_ROPP.txt1b' u 11:($7/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

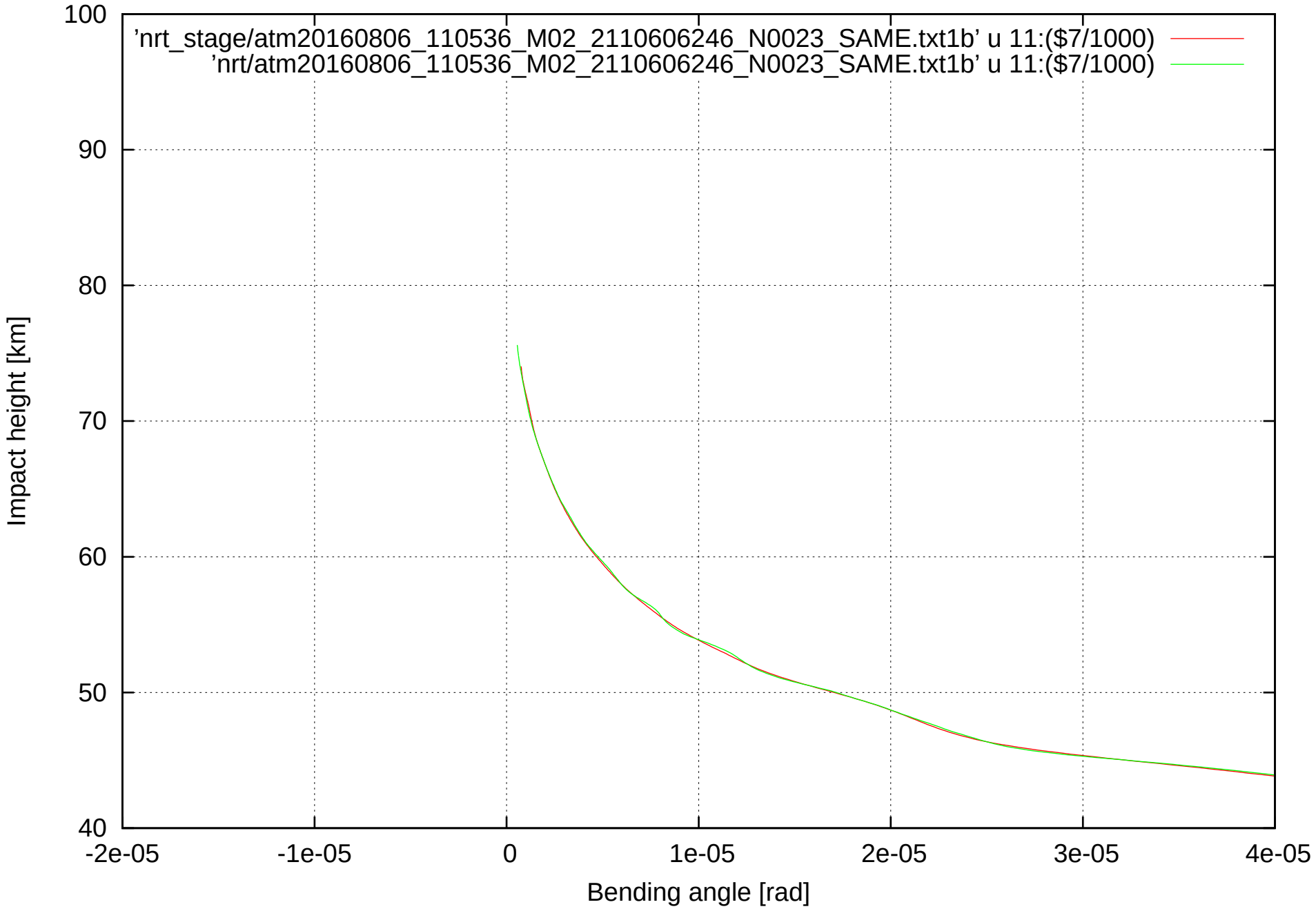

'nrt_stage/atm20160806_110536_M02_2110606246_N0023_ROPP.txt1b' u 10:($6/1000)
'nrt/atm20160806_110536_M02_2110606246_N0023_ROPP.txt1b' u 10:($6/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

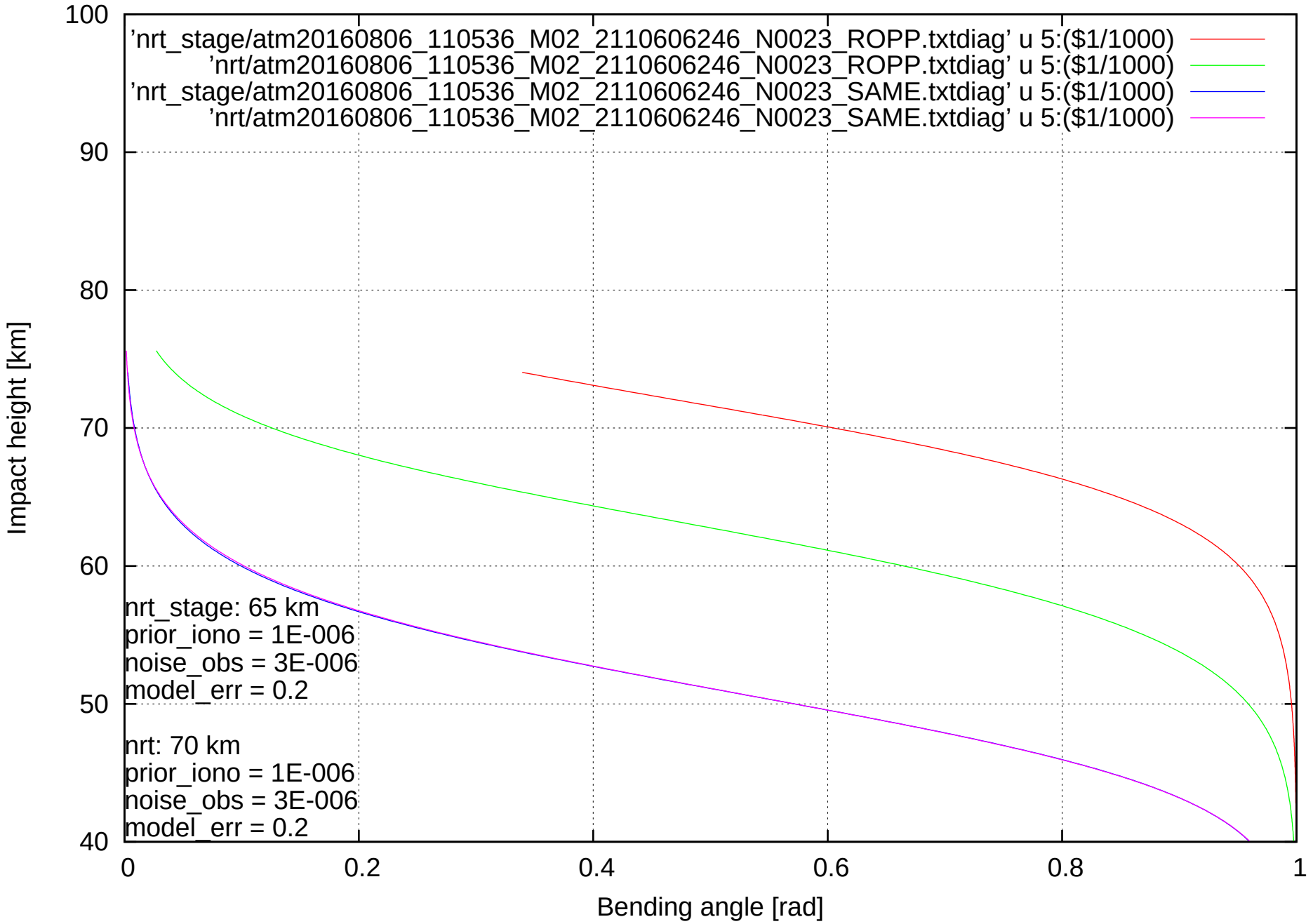

'nrt_stage/atm20160806_110536_M02_2110606246_N0023_PFIX.txt1b' u 11:($7/1000)
'nrt/atm20160806_110536_M02_2110606246_N0023_PFIX.txt1b' u 11:($7/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

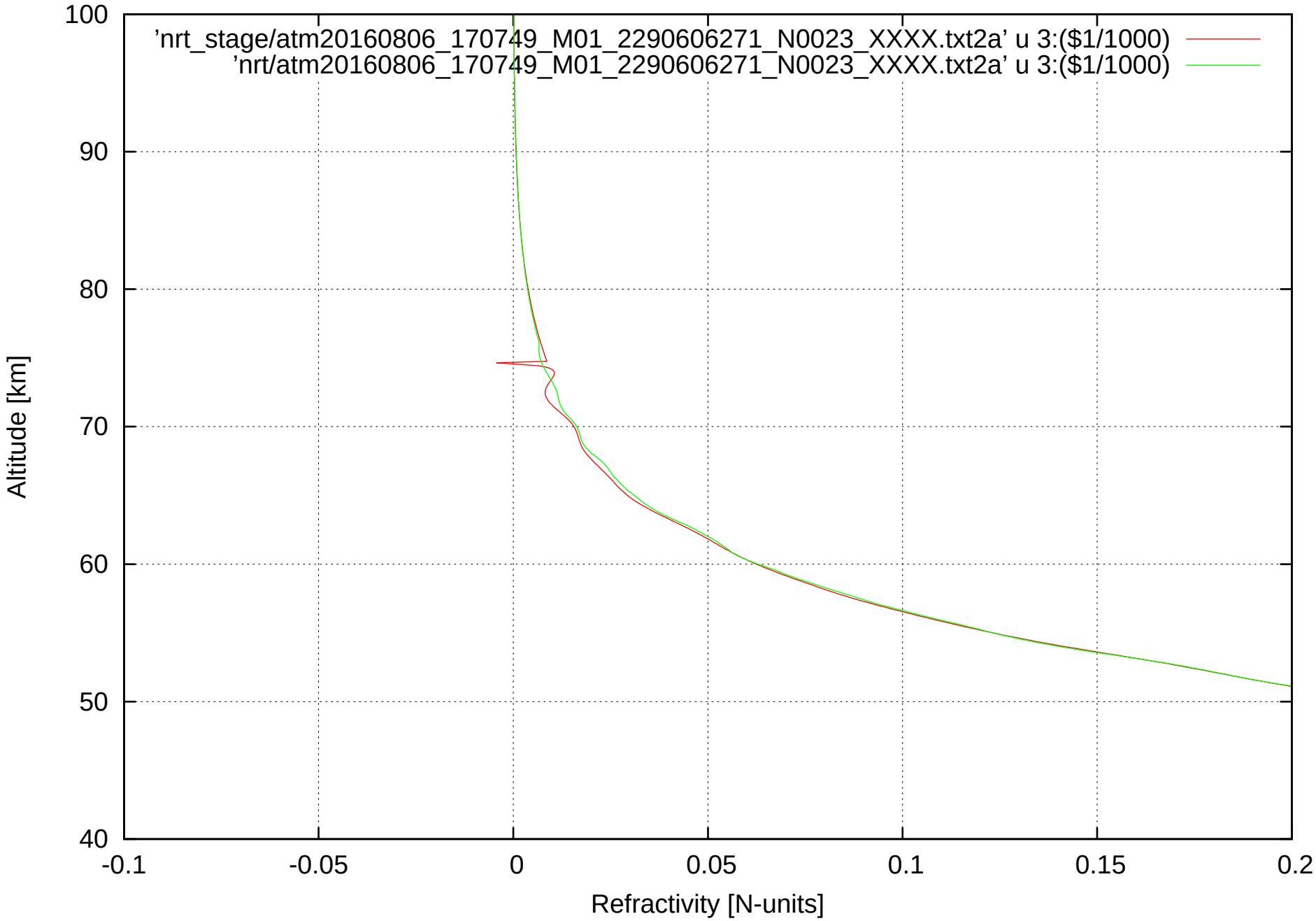

'nrt_stage/atm20160806_110536_M02_2110606246_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt/atm20160806_110536_M02_2110606246_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt_stage/atm20160806_110536_M02_2110606246_N0023_PFIX.txtdiag' u 5:($1/1000)
'nrt/atm20160806_110536_M02_2110606246_N0023_PFIX.txtdiag' u 5:($1/1000)
nrt_stage: 65 km
prior_iono = 2.301705226704308E-007
noise_obs = 3.092912816196877E-007
model_err = 0.203284592936874
nrt: 70 km
prior_iono = 4.756050306842404E-007
noise_obs = 5.971030029156399E-007
model_err = 0.126518401876417
Impact height [km]
Bending angle [rad]
100
90
80
70
60
50
40
0
0.2
0.4
0.6
0.8
1

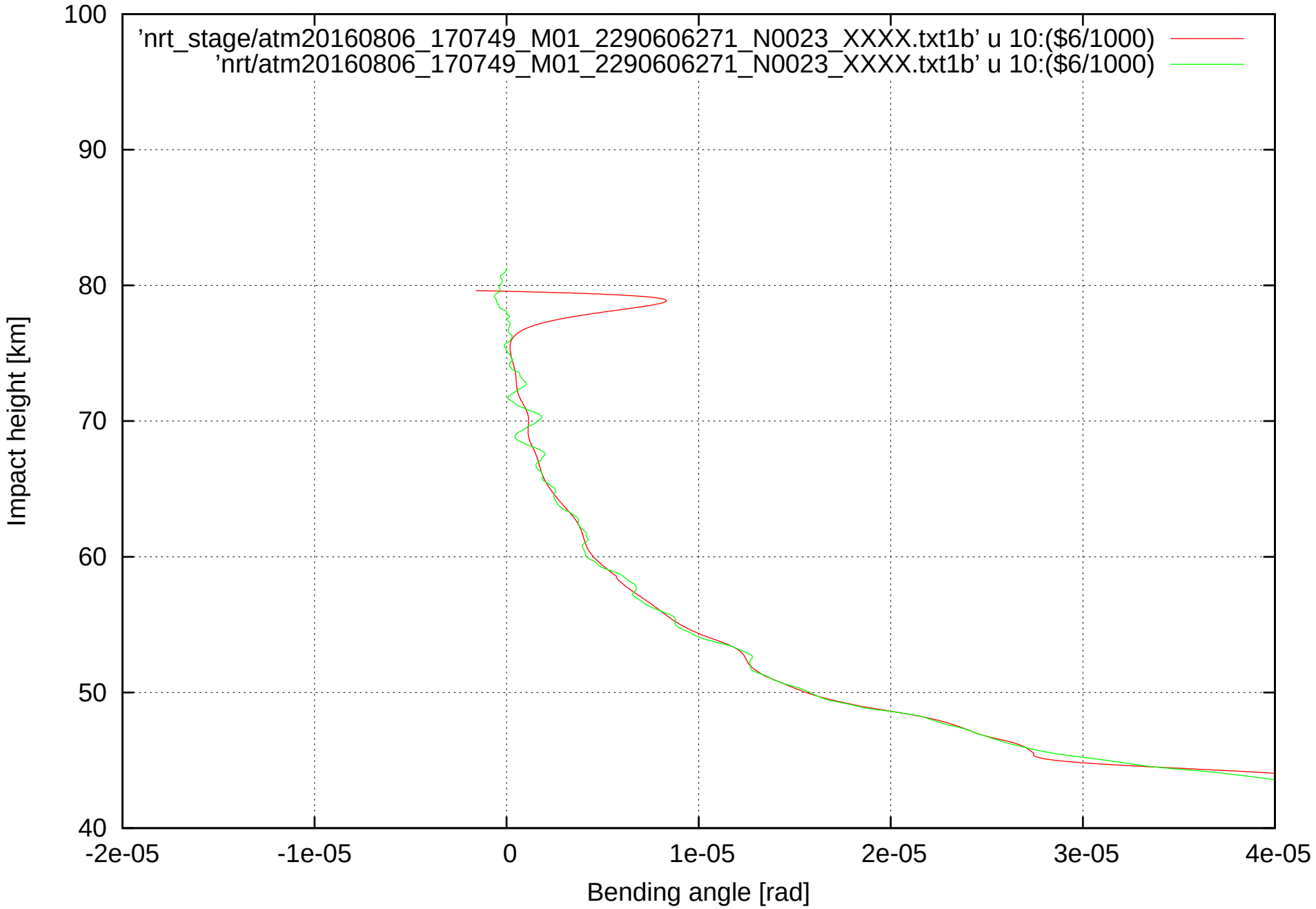

'nrt_stage/atm20160806_110536_M02_2110606246_N0023_HACK.txt1b' u 11:($7/1000)
'nrt/atm20160806_110536_M02_2110606246_N0023_HACK.txt1b' u 11:($7/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

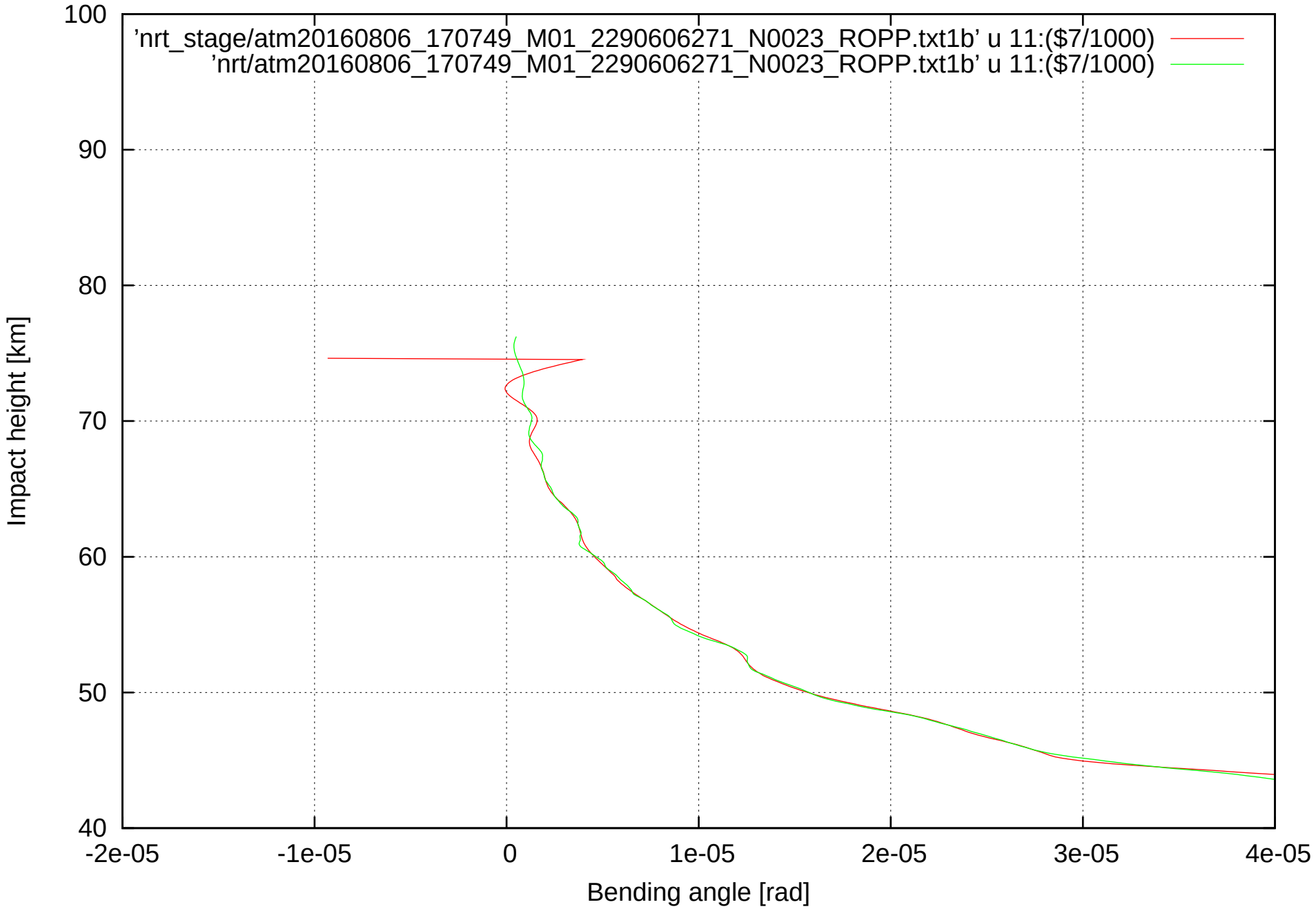

'nrt_stage/atm20160806_110536_M02_2110606246_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt/atm20160806_110536_M02_2110606246_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt_stage/atm20160806_110536_M02_2110606246_N0023_HACK.txtdiag' u 5:($1/1000)
'nrt/atm20160806_110536_M02_2110606246_N0023_HACK.txtdiag' u 5:($1/1000)
nrt_stage: 65 km
prior_iono = 1
noise_obs = 3.092912816196877E-007
model_err = 0.203284592936874
nrt: 70 km
prior_iono = 1
noise_obs = 5.971030029156399E-007
model_err = 0.126518401876417
Impact height [km]
Bending angle [rad]
100
90
80
70
60
50
40
0
0.2
0.4
0.6
0.8
1

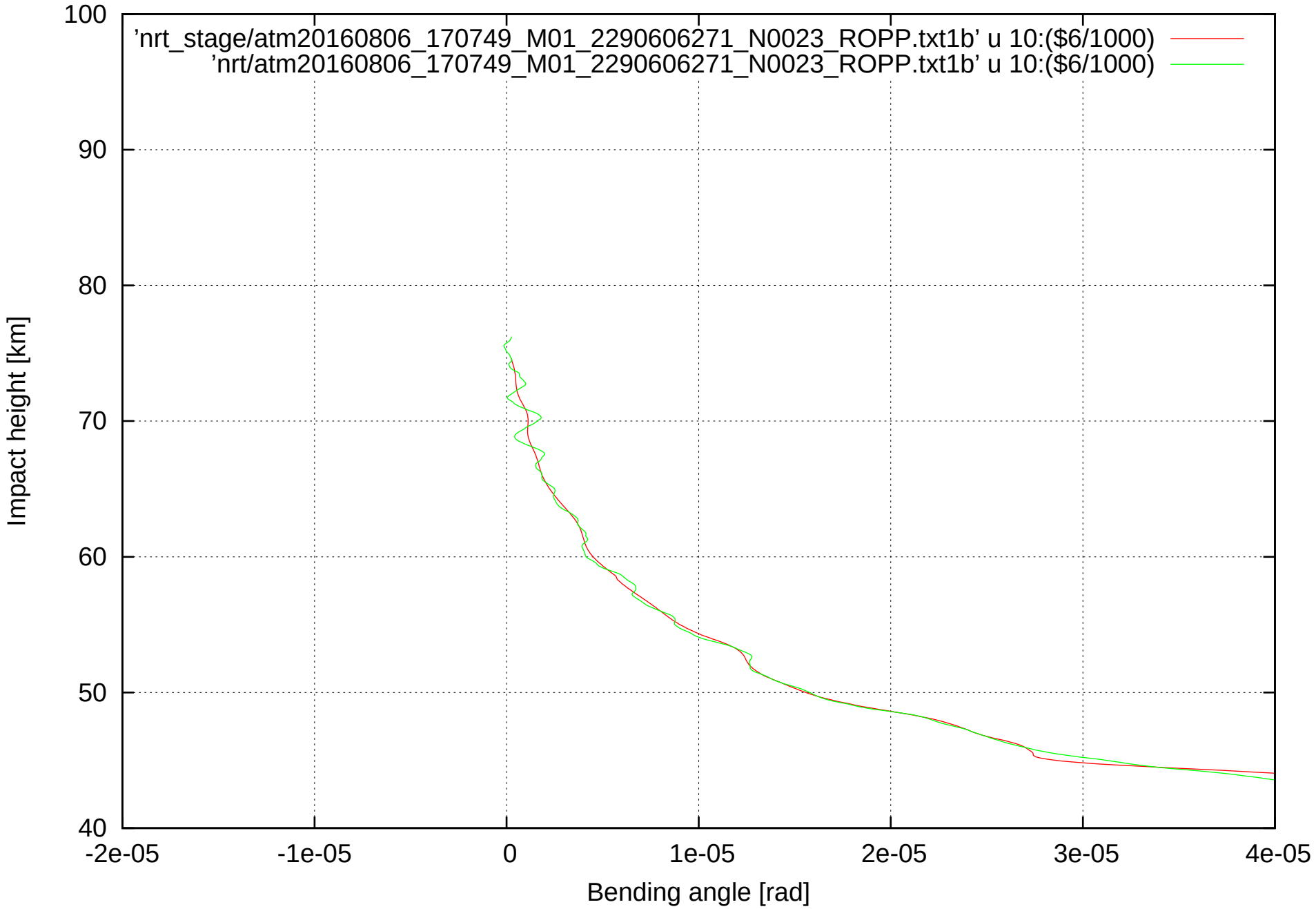

'nrt_stage/atm20160806_110536_M02_2110606246_N0023_SAME.txt1b' u 11:($7/1000)
'nrt/atm20160806_110536_M02_2110606246_N0023_SAME.txt1b' u 11:($7/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

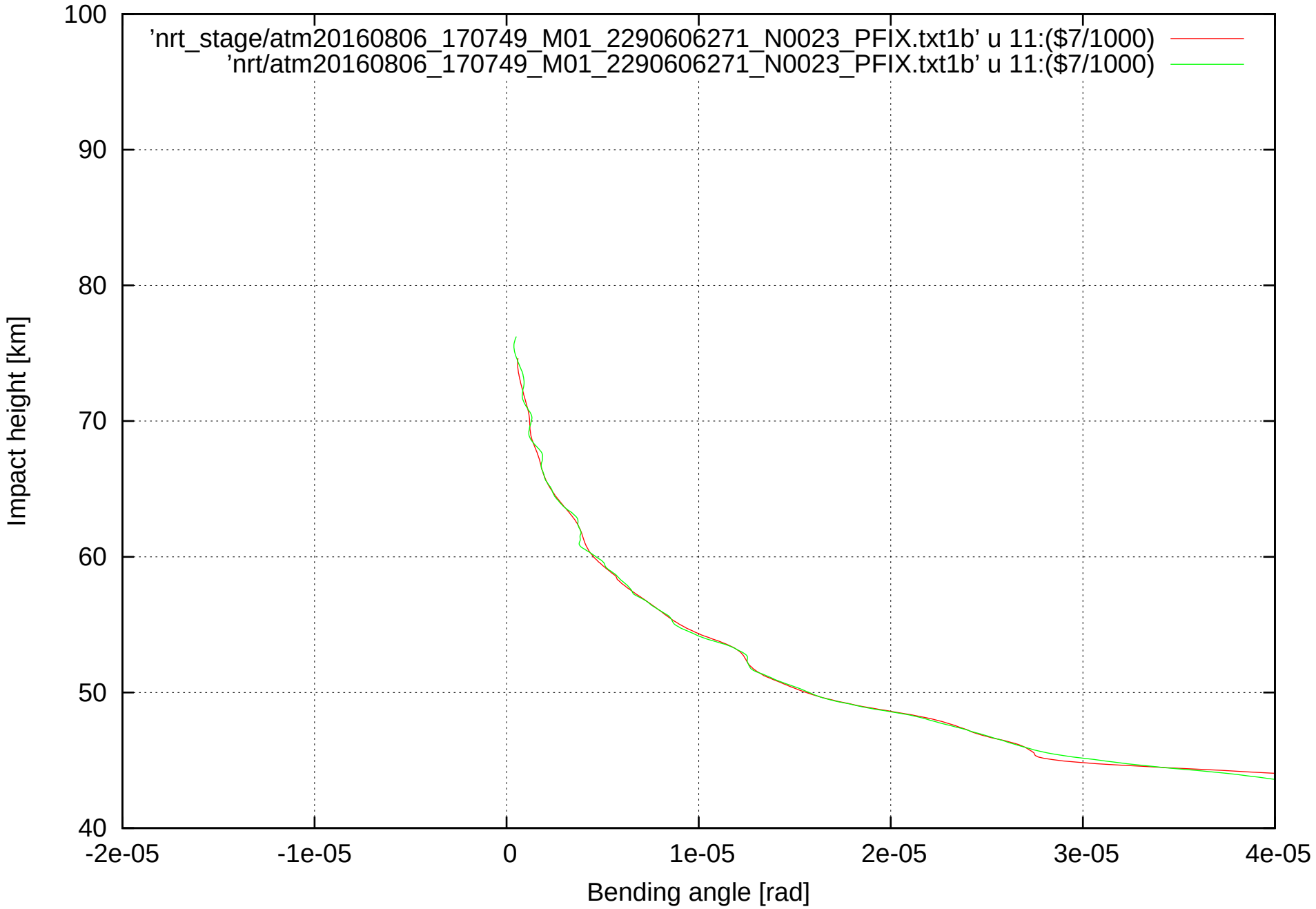

'nrt_stage/atm20160806_110536_M02_2110606246_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt/atm20160806_110536_M02_2110606246_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt_stage/atm20160806_110536_M02_2110606246_N0023_SAME.txtdiag' u 5:($1/1000)
'nrt/atm20160806_110536_M02_2110606246_N0023_SAME.txtdiag' u 5:($1/1000)
nrt_stage: 65 km
prior_iono = 1E-006
noise_obs = 3E-006
model_err = 0.2
nrt: 70 km
prior_iono = 1E-006
noise_obs = 3E-006
model_err = 0.2
Impact height [km]
Bending angle [rad]
100
90
80
70
60
50
40
0
0.2
0.4
0.6
0.8
1

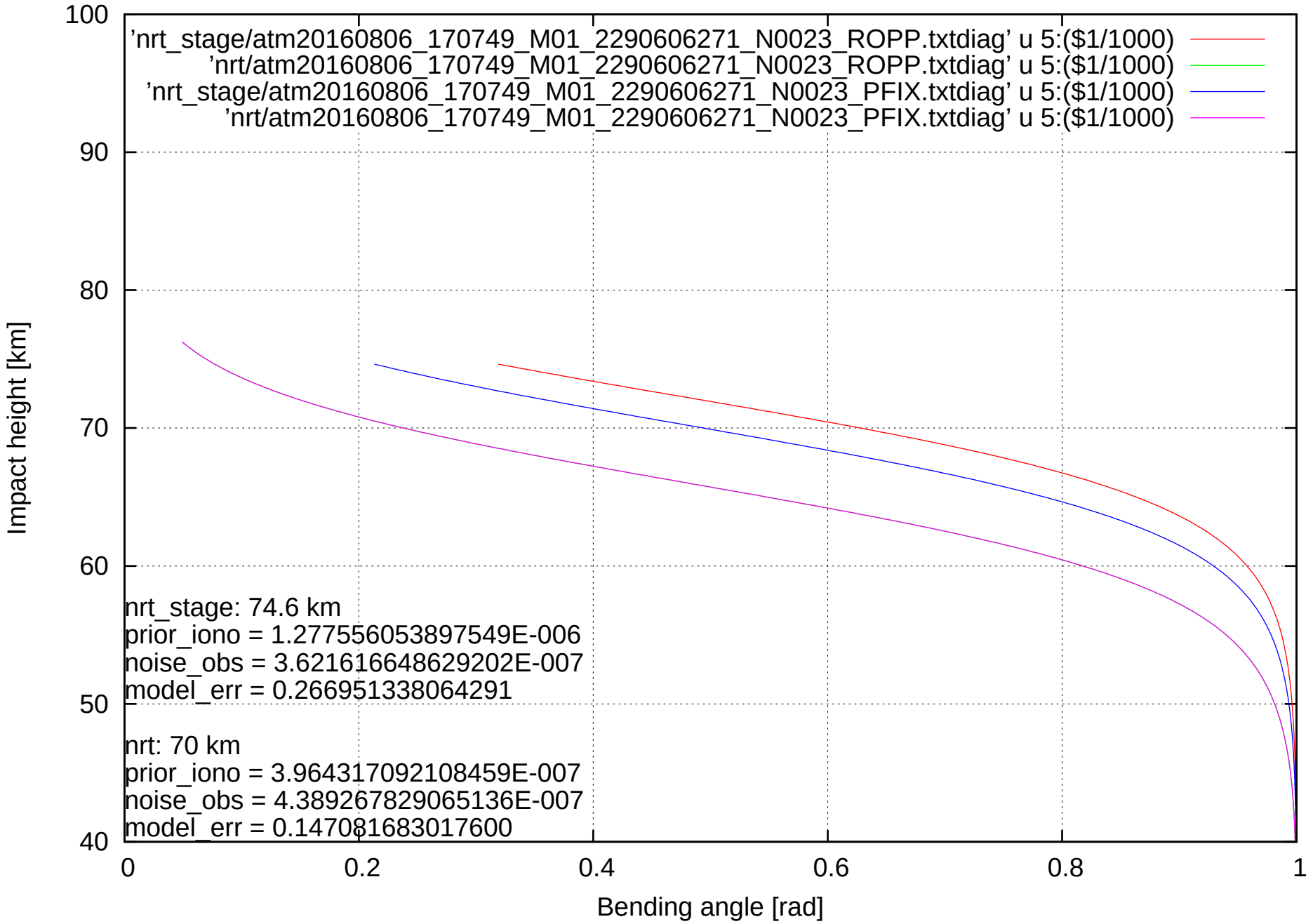

'nrt_stage/atm20160806_170749_M01_2290606271_N0023_XXXX.txt2a' u 3:($1/1000)
'nrt/atm20160806_170749_M01_2290606271_N0023_XXXX.txt2a' u 3:($1/1000)
Altitude [km]
100
90
80
70
60
50
40
-0.1
-0.05
0
0.05
0.1
0.15
0.2
Refractivity [N-units]

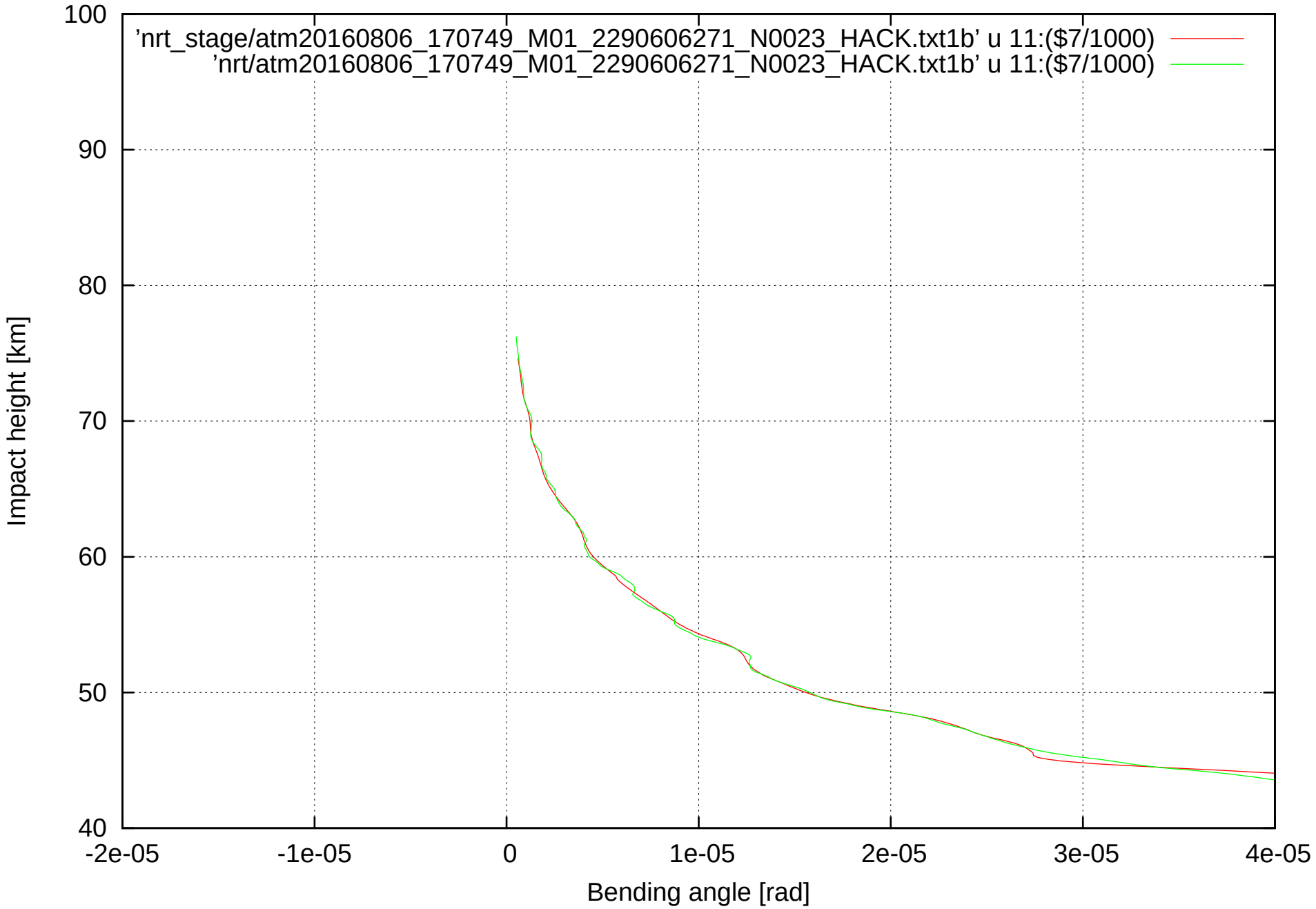

'nrt_stage/atm20160806_170749_M01_2290606271_N0023_XXXX.txt1b' u 10:($6/1000)
'nrt/atm20160806_170749_M01_2290606271_N0023_XXXX.txt1b' u 10:($6/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

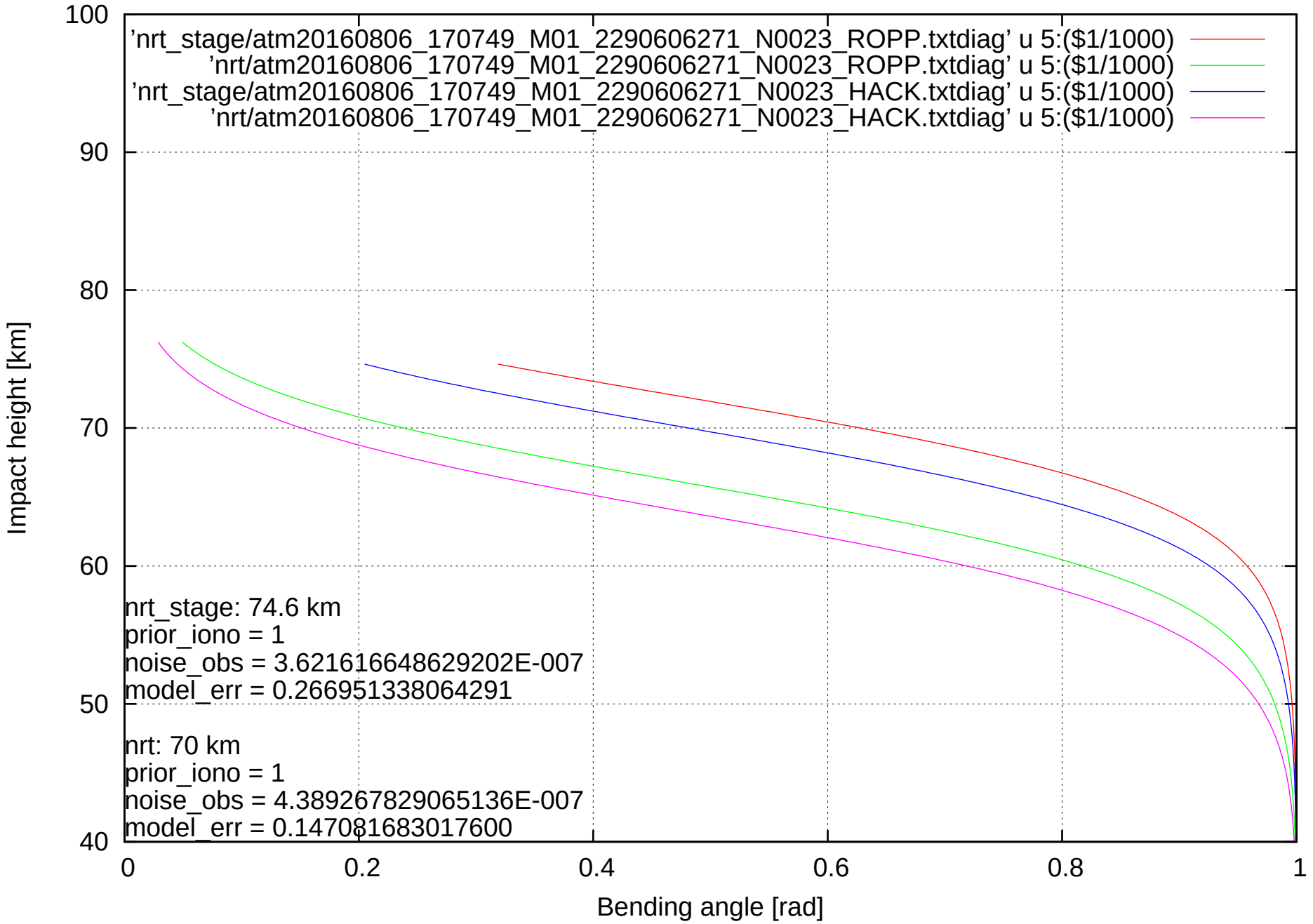

'nrt_stage/atm20160806_170749_M01_2290606271_N0023_ROPP.txt1b' u 11:($7/1000)
'nrt/atm20160806_170749_M01_2290606271_N0023_ROPP.txt1b' u 11:($7/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

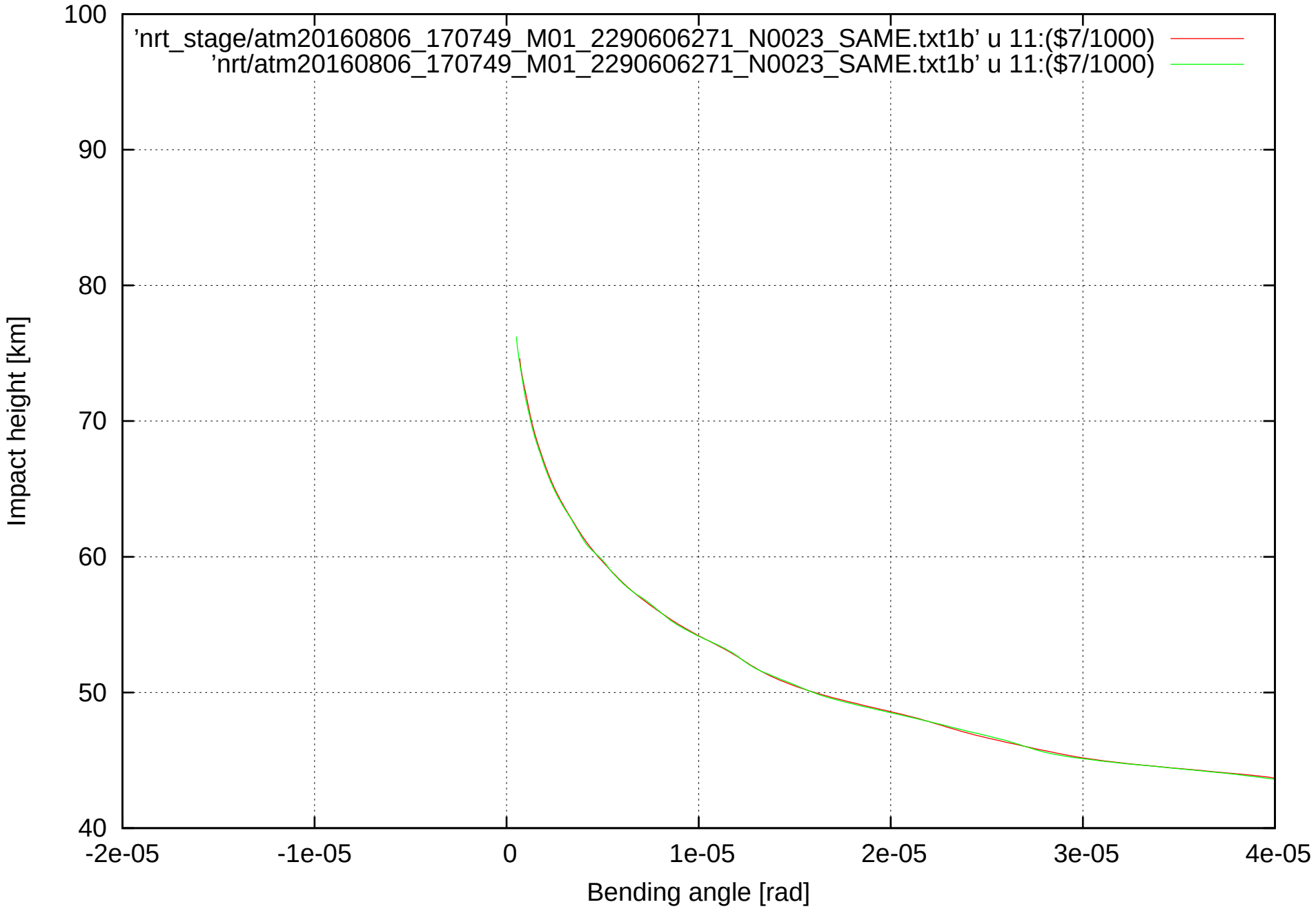

'nrt_stage/atm20160806_170749_M01_2290606271_N0023_ROPP.txt1b' u 10:($6/1000)
'nrt/atm20160806_170749_M01_2290606271_N0023_ROPP.txt1b' u 10:($6/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

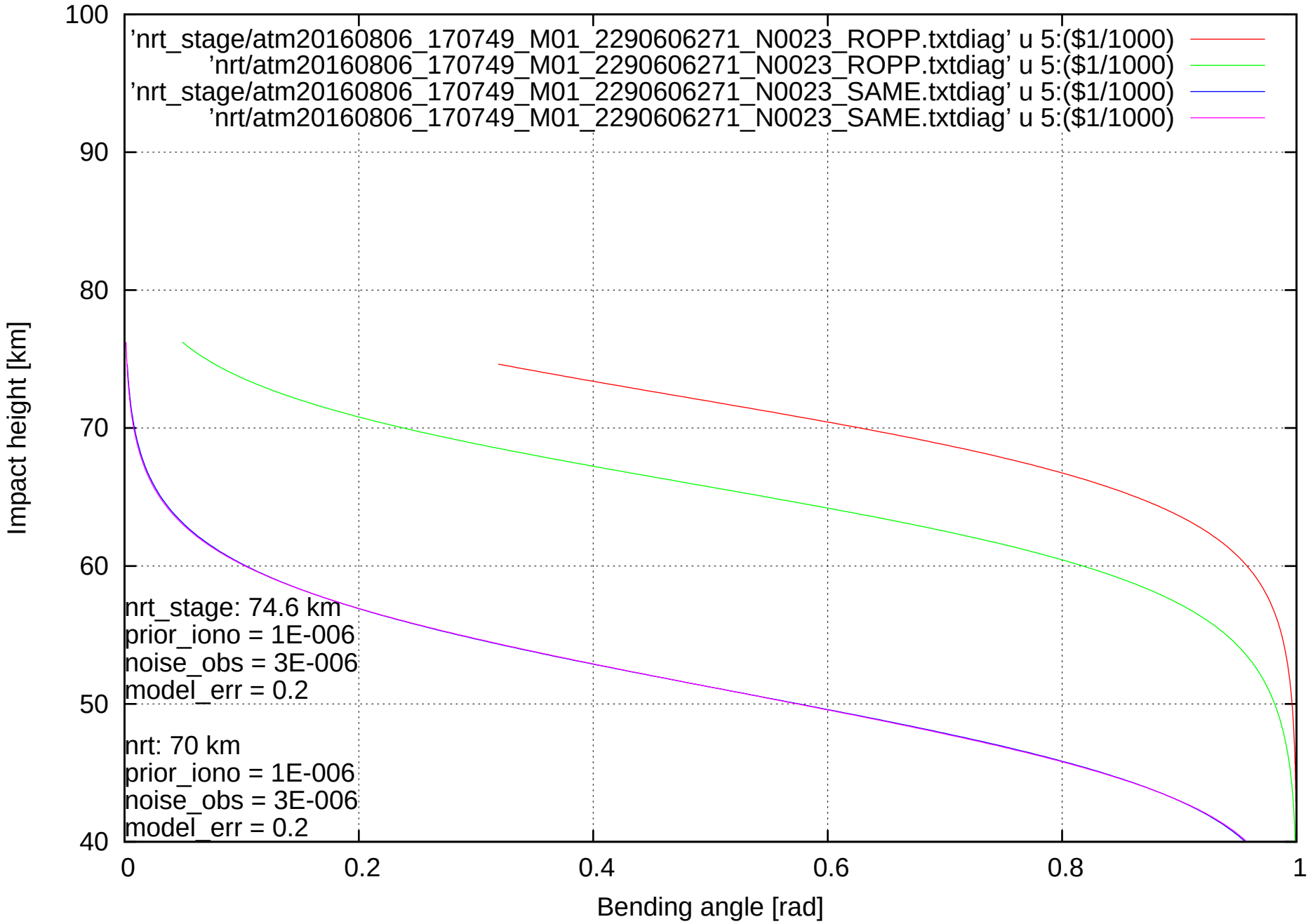

'nrt_stage/atm20160806_170749_M01_2290606271_N0023_PFIX.txt1b' u 11:($7/1000)
'nrt/atm20160806_170749_M01_2290606271_N0023_PFIX.txt1b' u 11:($7/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

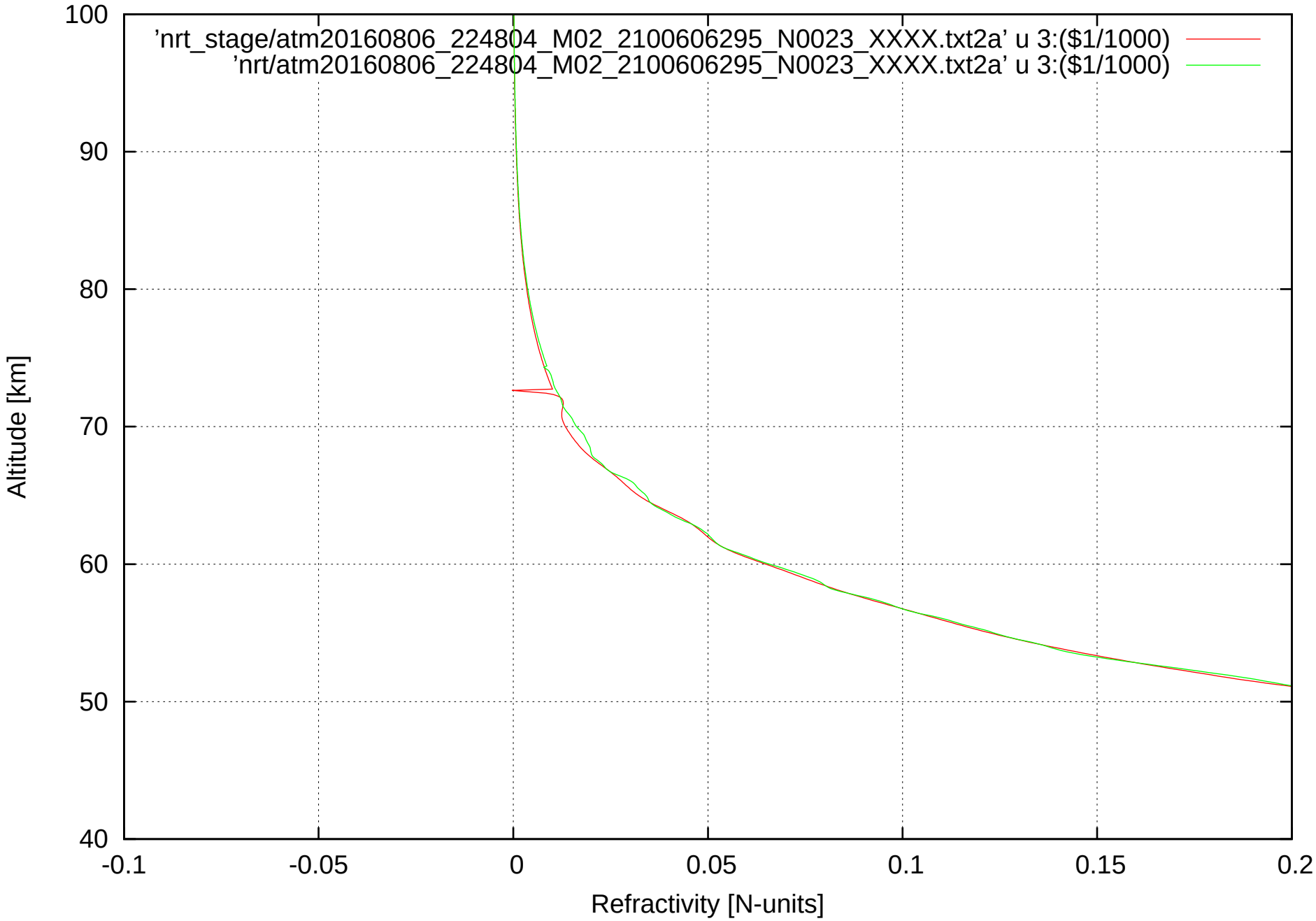

'nrt_stage/atm20160806_170749_M01_2290606271_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt/atm20160806_170749_M01_2290606271_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt_stage/atm20160806_170749_M01_2290606271_N0023_PFIX.txtdiag' u 5:($1/1000)
'nrt/atm20160806_170749_M01_2290606271_N0023_PFIX.txtdiag' u 5:($1/1000)
nrt_stage: 74.6 km
prior_iono = 1.277556053897549E-006
noise_obs = 3.621616648629202E-007
model_err = 0.266951338064291
nrt: 70 km
prior_iono = 3.964317092108459E-007
noise_obs = 4.389267829065136E-007
model_err = 0.147081683017600
Impact height [km]
Bending angle [rad]
100
90
80
70
60
50
40
0
0.2
0.4
0.6
0.8
1

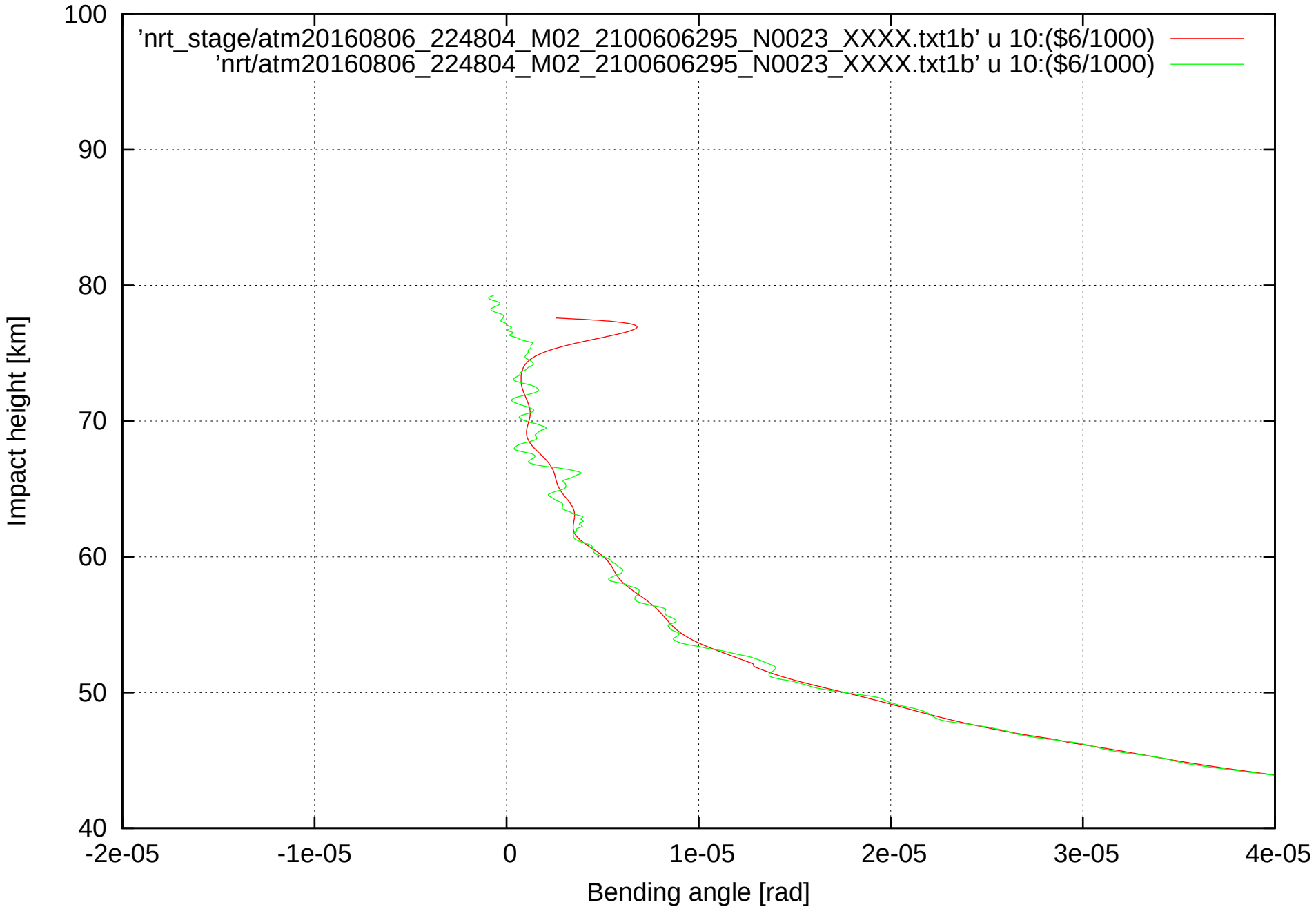

'nrt_stage/atm20160806_170749_M01_2290606271_N0023_HACK.txt1b' u 11:($7/1000)
'nrt/atm20160806_170749_M01_2290606271_N0023_HACK.txt1b' u 11:($7/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

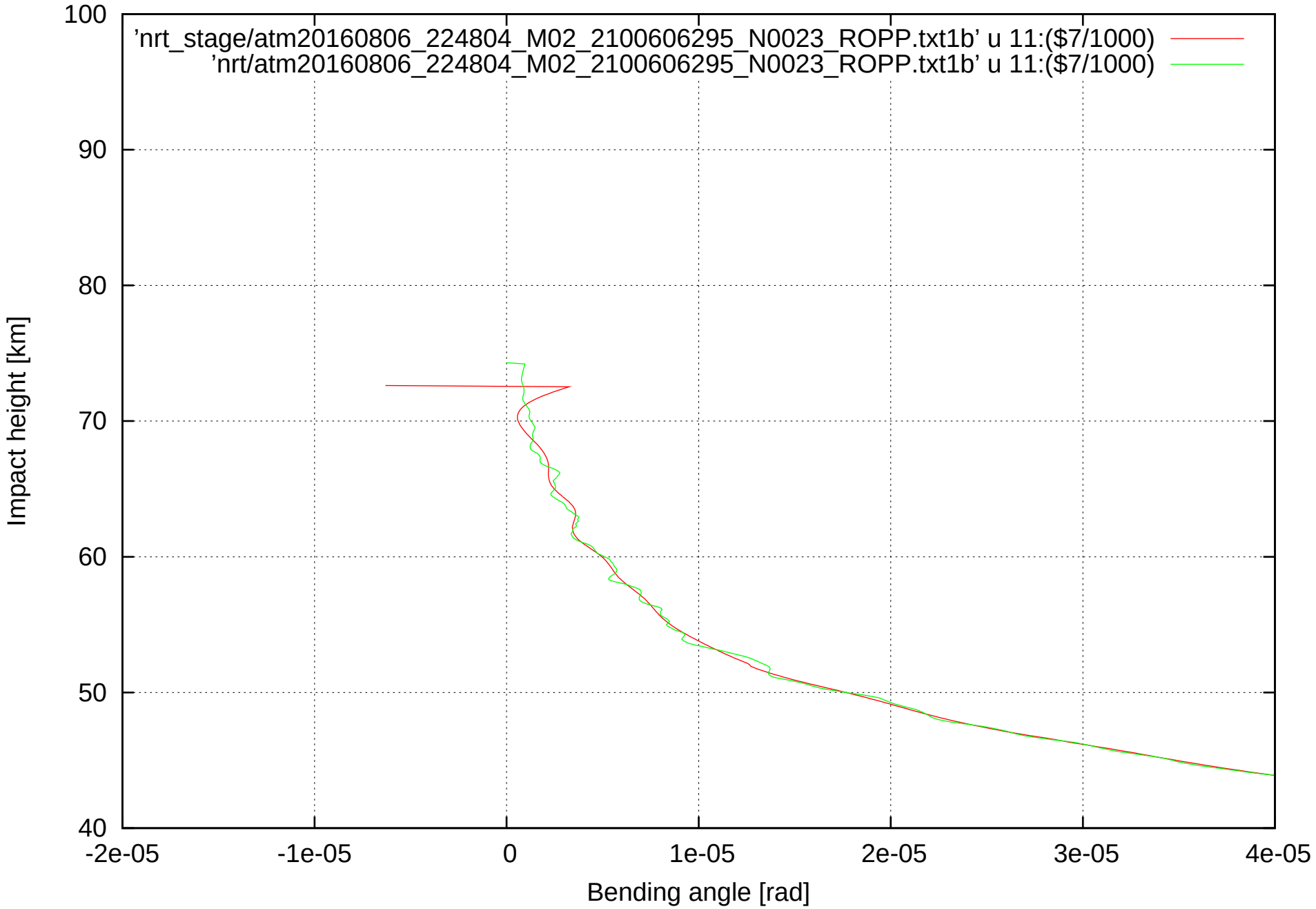

'nrt_stage/atm20160806_170749_M01_2290606271_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt/atm20160806_170749_M01_2290606271_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt_stage/atm20160806_170749_M01_2290606271_N0023_HACK.txtdiag' u 5:($1/1000)
'nrt/atm20160806_170749_M01_2290606271_N0023_HACK.txtdiag' u 5:($1/1000)
nrt_stage: 74.6 km
prior_iono = 1
noise_obs = 3.621616648629202E-007
model_err = 0.266951338064291
nrt: 70 km
prior_iono = 1
noise_obs = 4.389267829065136E-007
model_err = 0.147081683017600
Impact height [km]
Bending angle [rad]
100
90
80
70
60
50
40
0
0.2
0.4
0.6
0.8
1

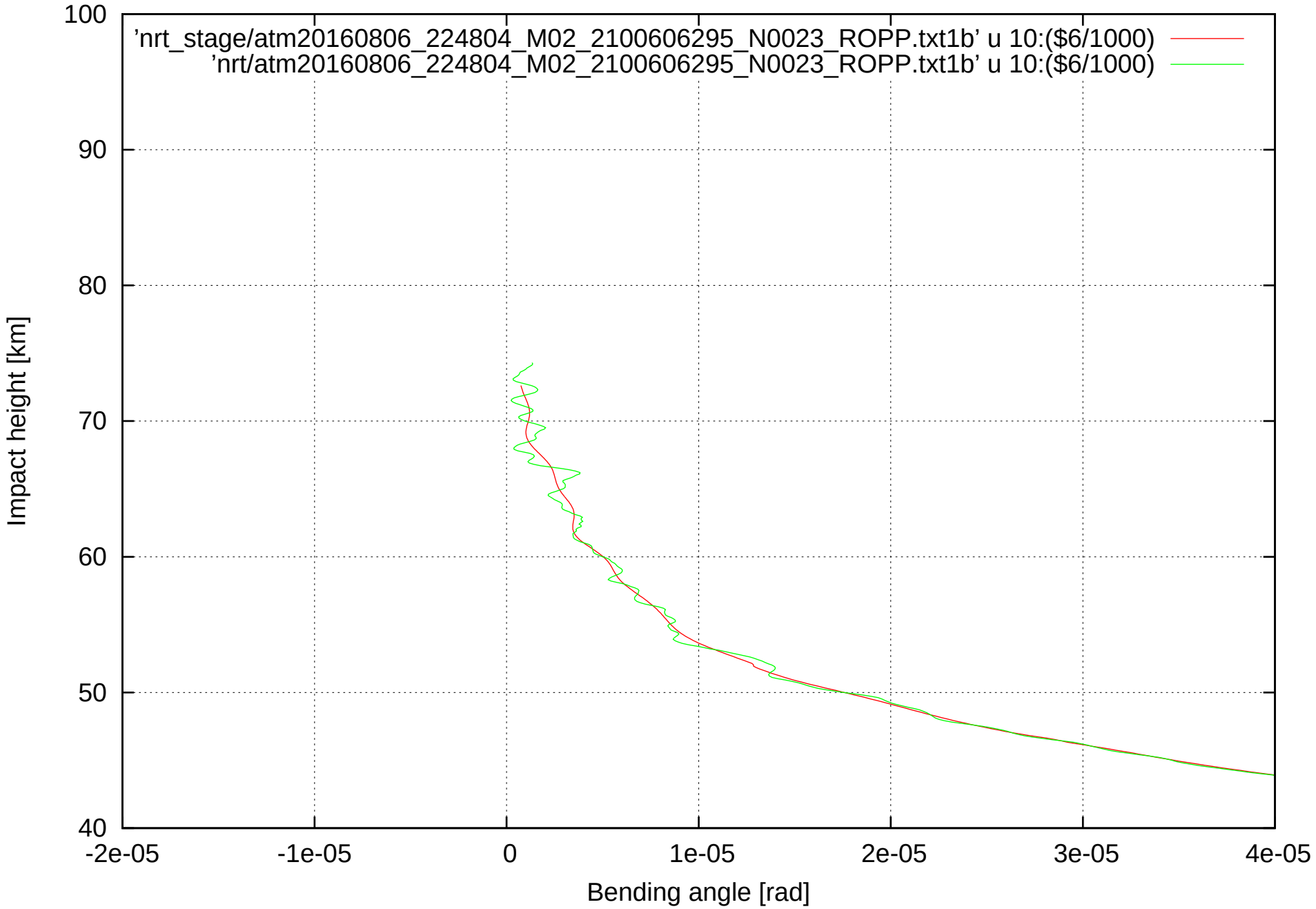

'nrt_stage/atm20160806_170749_M01_2290606271_N0023_SAME.txt1b' u 11:($7/1000)
'nrt/atm20160806_170749_M01_2290606271_N0023_SAME.txt1b' u 11:($7/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

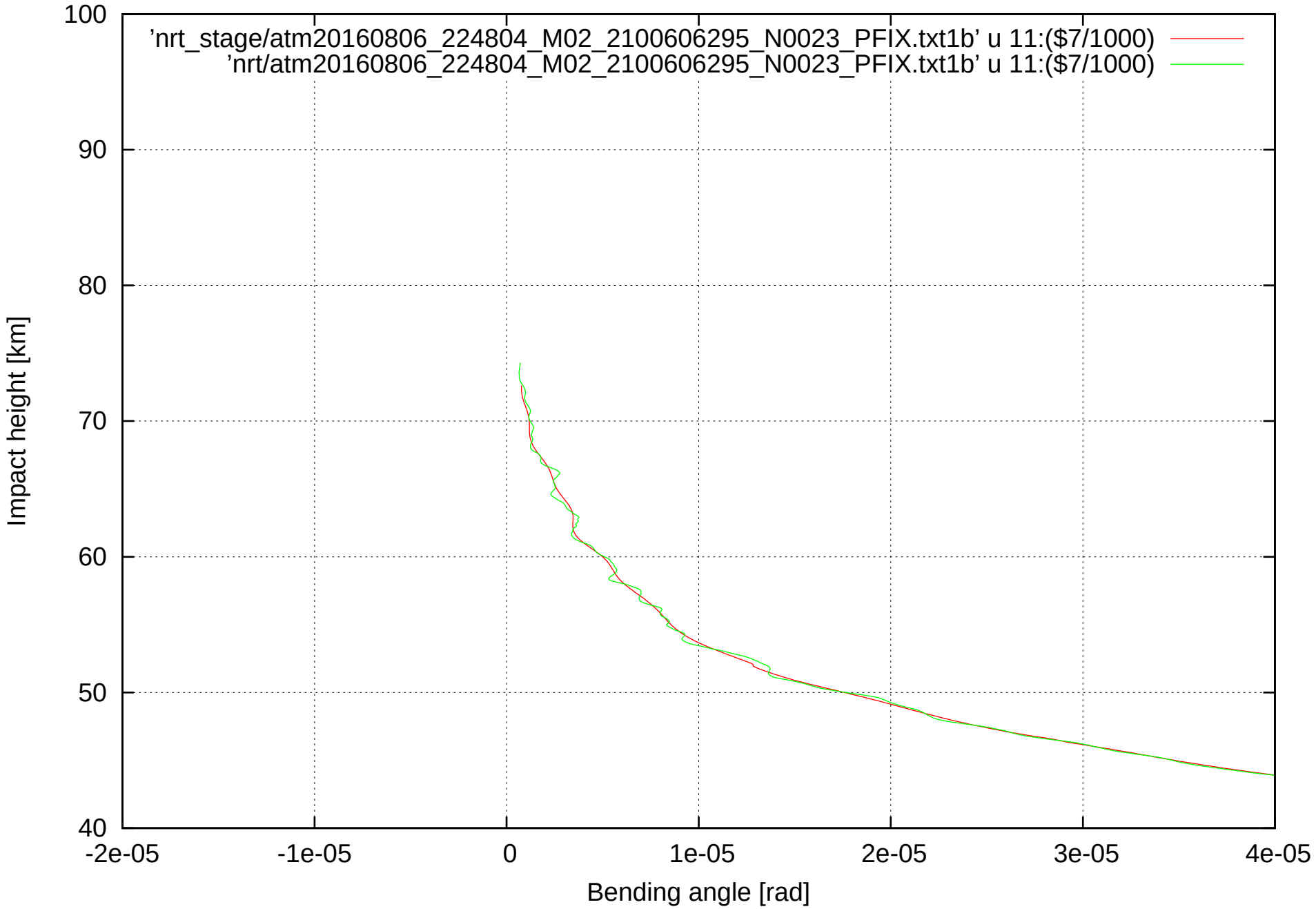

'nrt_stage/atm20160806_170749_M01_2290606271_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt/atm20160806_170749_M01_2290606271_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt_stage/atm20160806_170749_M01_2290606271_N0023_SAME.txtdiag' u 5:($1/1000)
'nrt/atm20160806_170749_M01_2290606271_N0023_SAME.txtdiag' u 5:($1/1000)
nrt_stage: 74.6 km
prior_iono = 1E-006
noise_obs = 3E-006
model_err = 0.2
nrt: 70 km
prior_iono = 1E-006
noise_obs = 3E-006
model_err = 0.2
Impact height [km]
Bending angle [rad]
100
90
80
70
60
50
40
0
0.2
0.4
0.6
0.8
1

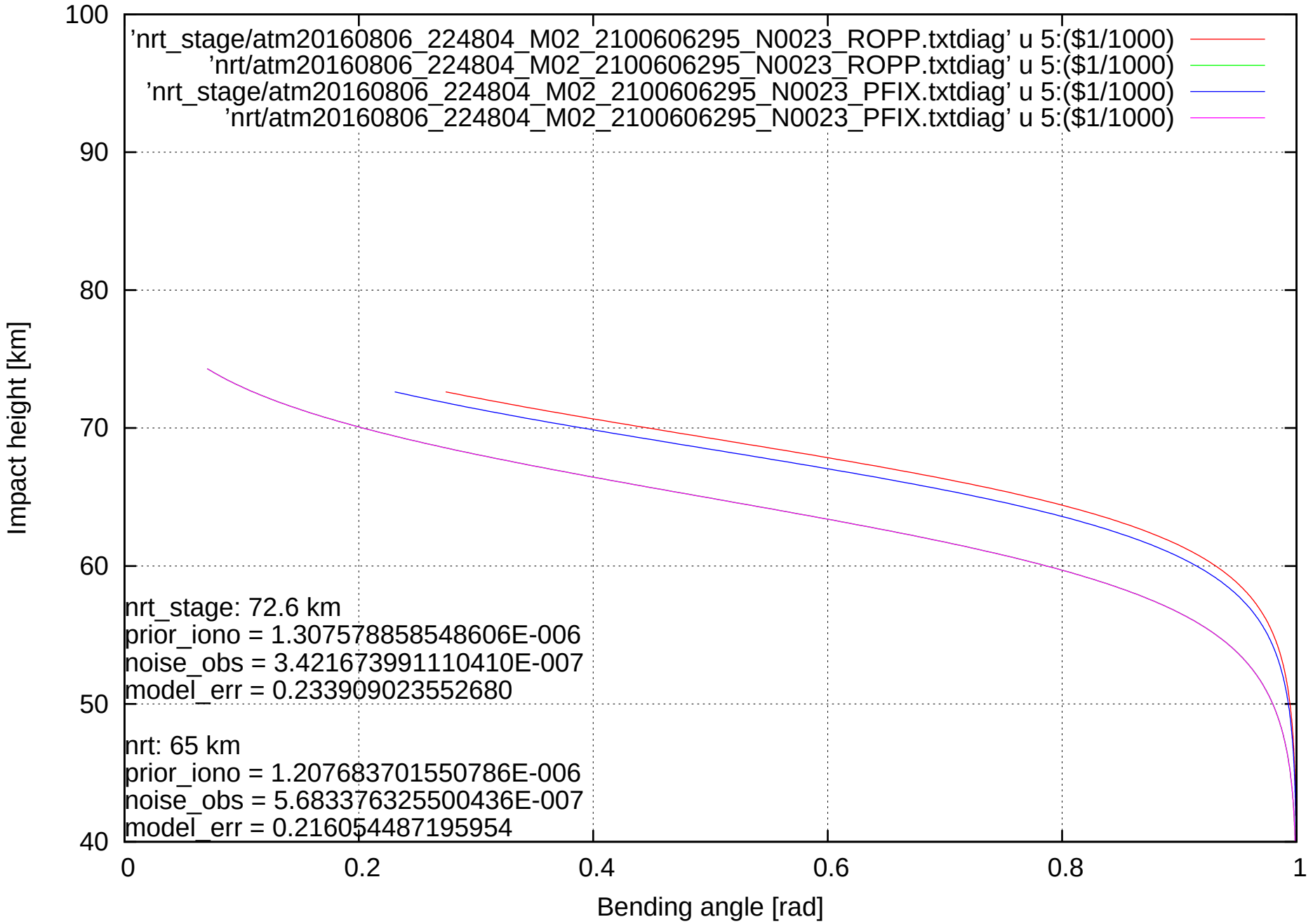

'nrt_stage/atm20160806_224804_M02_2100606295_N0023_XXXX.txt2a' u 3:($1/1000)
'nrt/atm20160806_224804_M02_2100606295_N0023_XXXX.txt2a' u 3:($1/1000)
Altitude [km]
100
90
80
70
60
50
40
-0.1
-0.05
0
0.05
0.1
0.15
0.2
Refractivity [N-units]

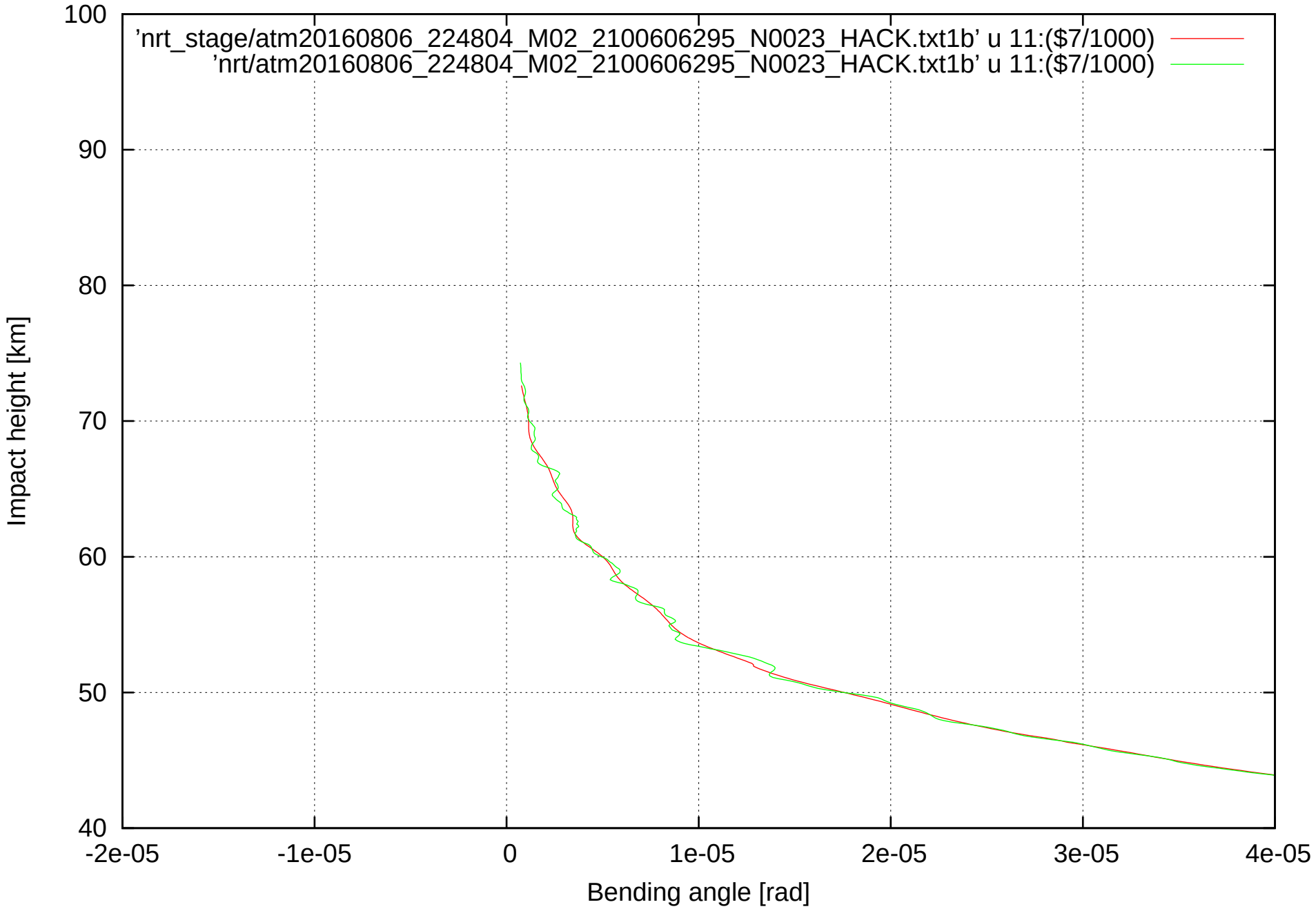

'nrt_stage/atm20160806_224804_M02_2100606295_N0023_XXXX.txt1b' u 10:($6/1000)
'nrt/atm20160806_224804_M02_2100606295_N0023_XXXX.txt1b' u 10:($6/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

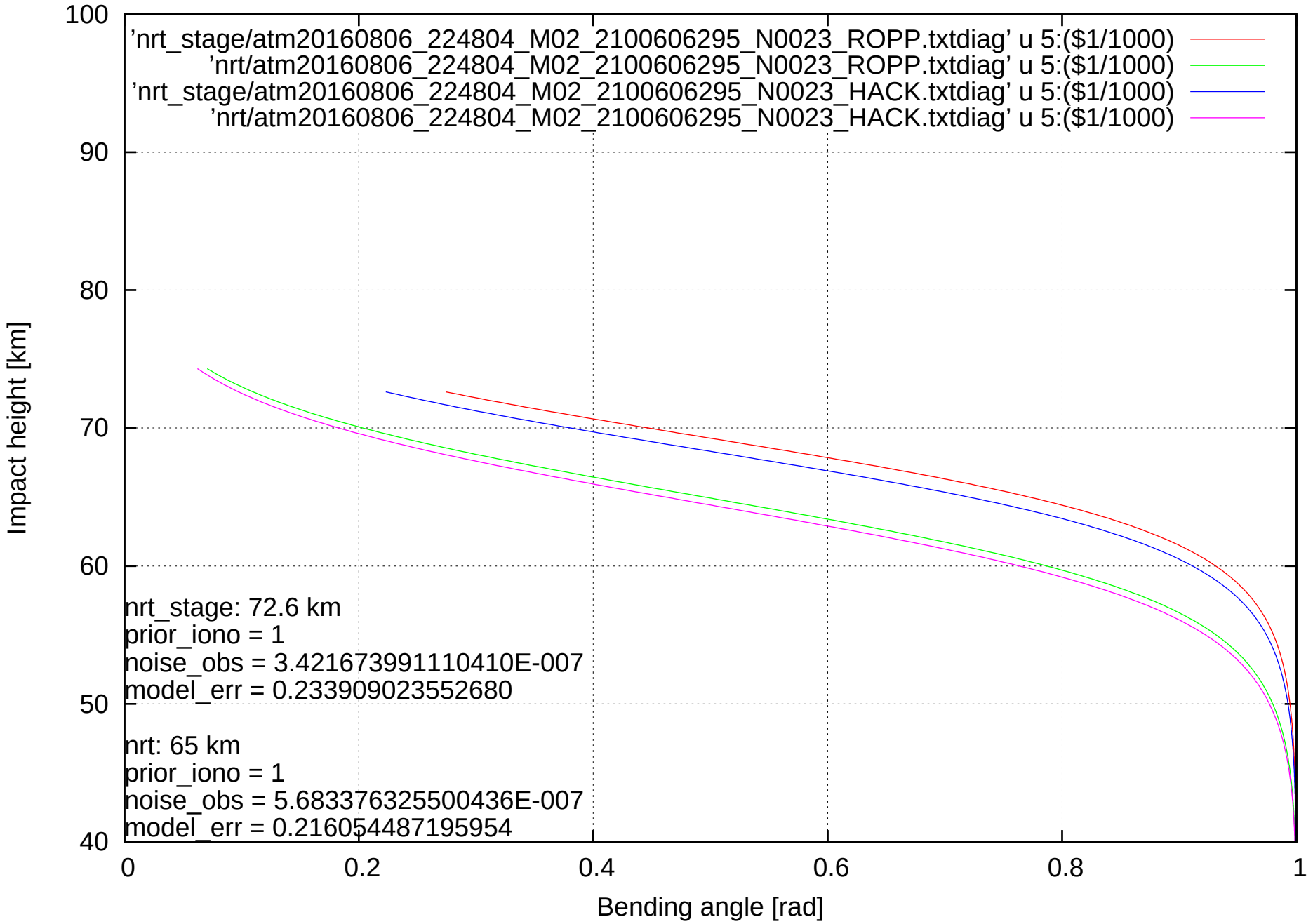

'nrt_stage/atm20160806_224804_M02_2100606295_N0023_ROPP.txt1b' u 11:($7/1000)
'nrt/atm20160806_224804_M02_2100606295_N0023_ROPP.txt1b' u 11:($7/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

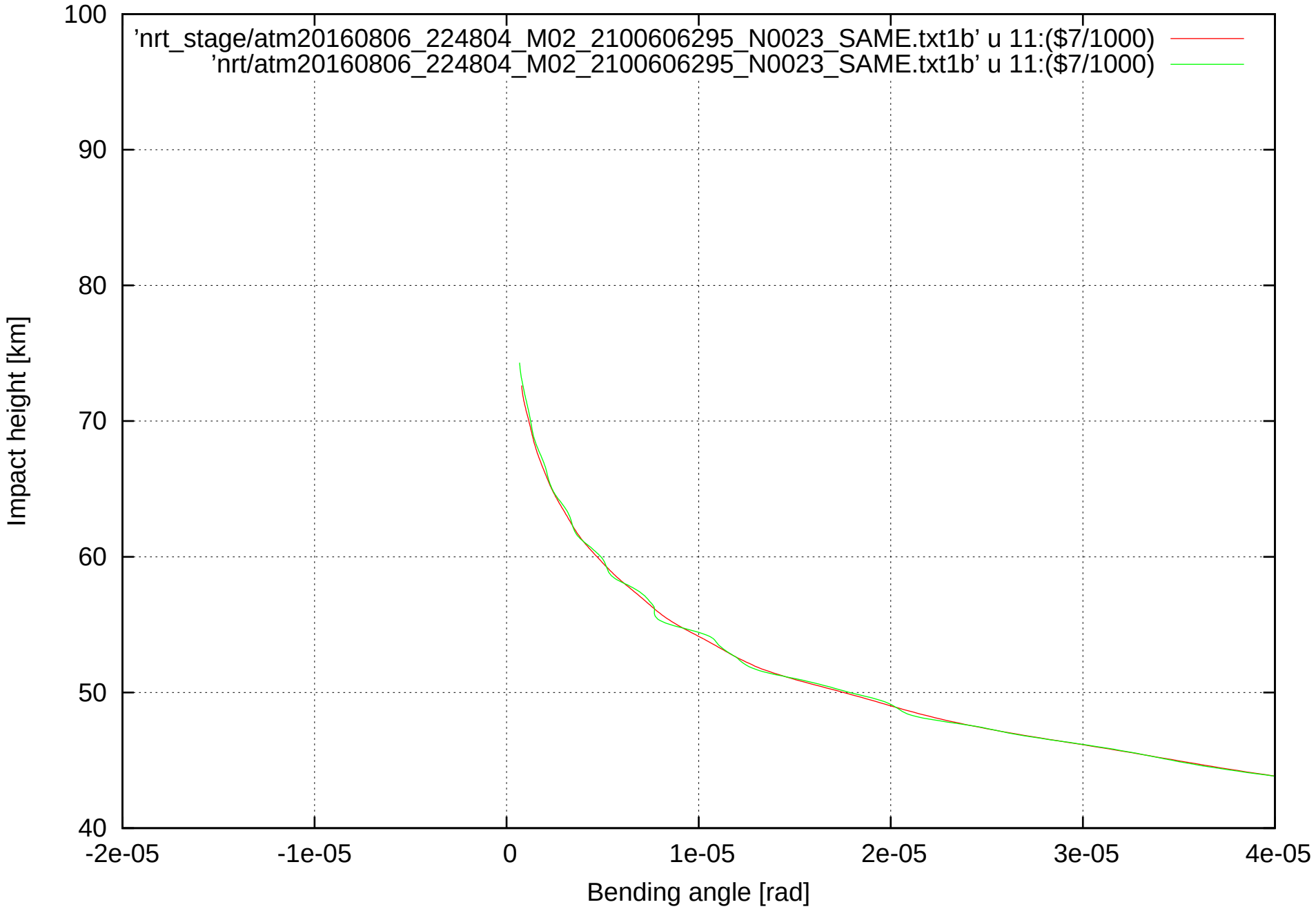

'nrt_stage/atm20160806_224804_M02_2100606295_N0023_ROPP.txt1b' u 10:($6/1000)
'nrt/atm20160806_224804_M02_2100606295_N0023_ROPP.txt1b' u 10:($6/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

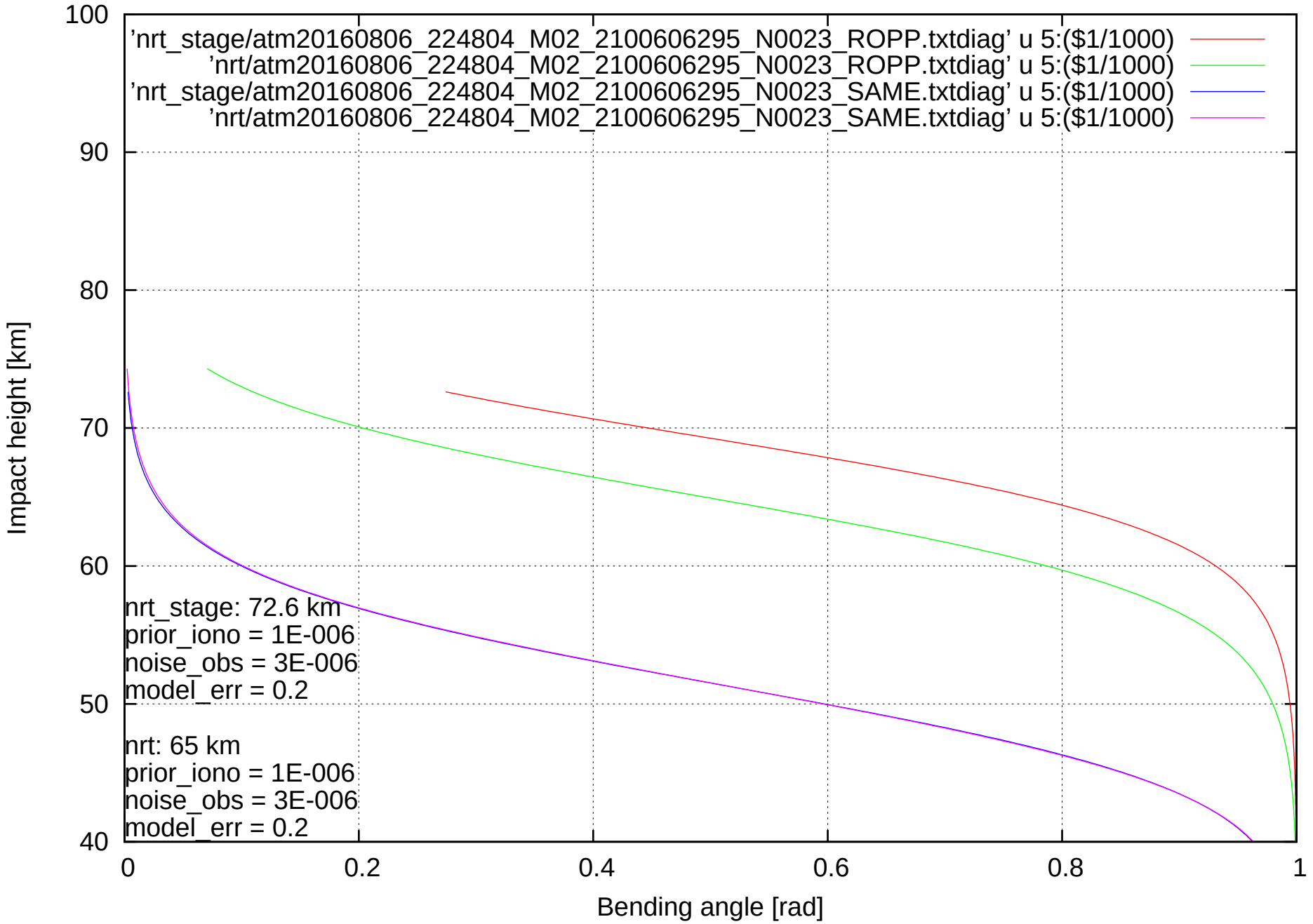

'nrt_stage/atm20160806_224804_M02_2100606295_N0023_PFIX.txt1b' u 11:($7/1000)
'nrt/atm20160806_224804_M02_2100606295_N0023_PFIX.txt1b' u 11:($7/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

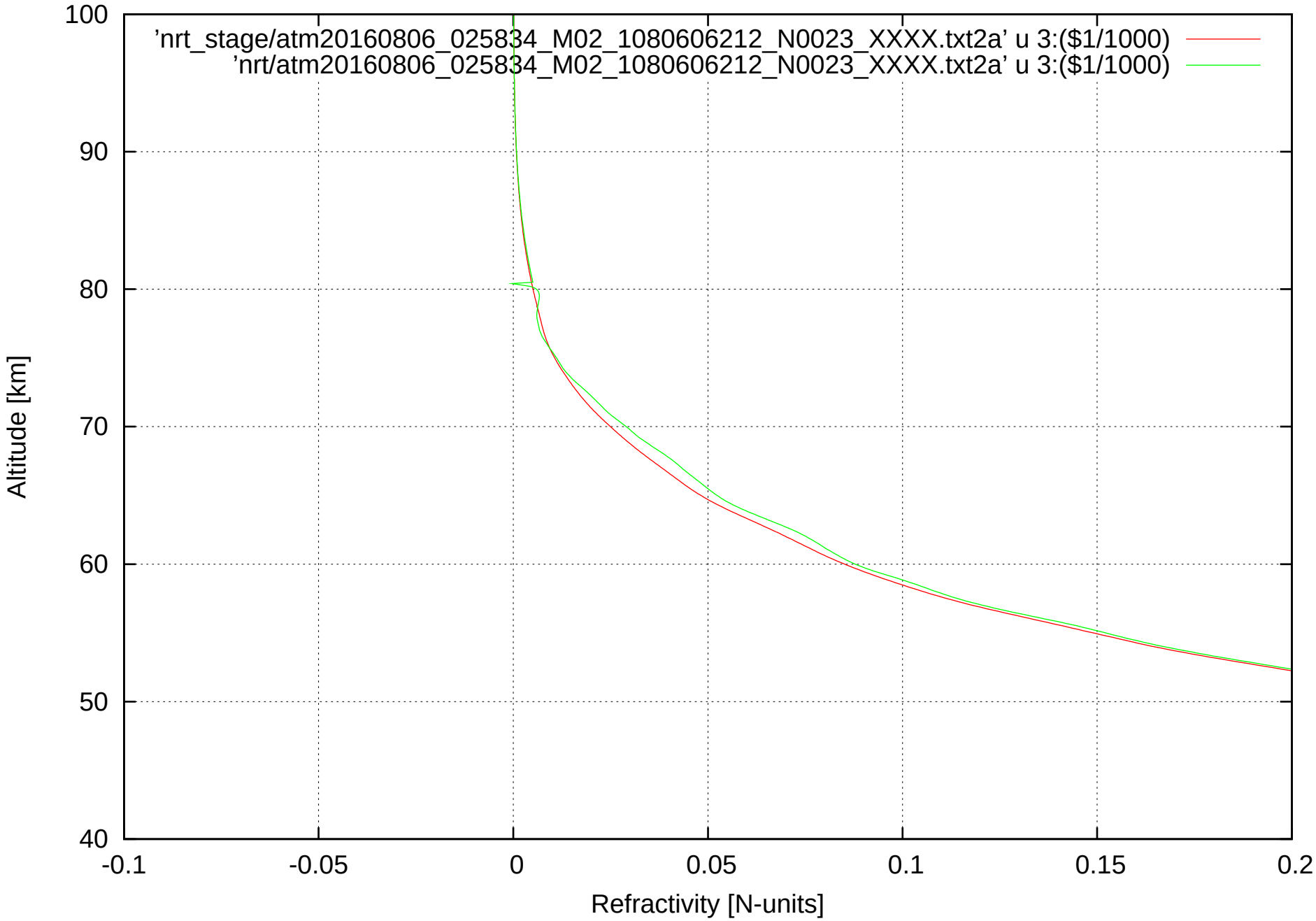

'nrt_stage/atm20160806_224804_M02_2100606295_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt/atm20160806_224804_M02_2100606295_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt_stage/atm20160806_224804_M02_2100606295_N0023_PFIX.txtdiag' u 5:($1/1000)
'nrt/atm20160806_224804_M02_2100606295_N0023_PFIX.txtdiag' u 5:($1/1000)
nrt_stage: 72.6 km
prior_iono = 1.307578858548606E-006
noise_obs = 3.421673991110410E-007
model_err = 0.233909023552680
nrt: 65 km
prior_iono = 1.207683701550786E-006
noise_obs = 5.683376325500436E-007
model_err = 0.216054487195954
Impact height [km]
Bending angle [rad]
100
90
80
70
60
50
40
0
0.2
0.4
0.6
0.8
1

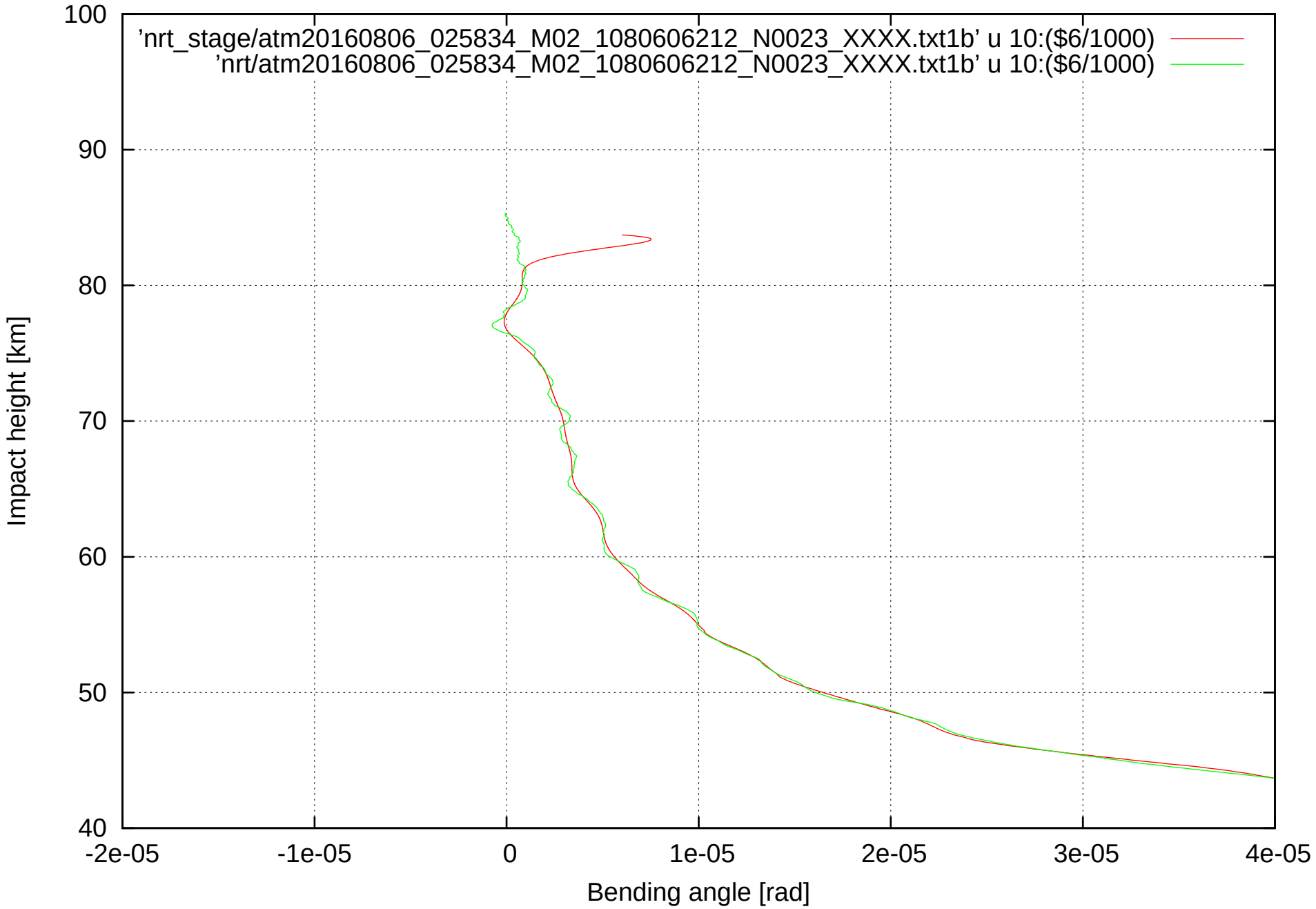

'nrt_stage/atm20160806_224804_M02_2100606295_N0023_HACK.txt1b' u 11:($7/1000)
'nrt/atm20160806_224804_M02_2100606295_N0023_HACK.txt1b' u 11:($7/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

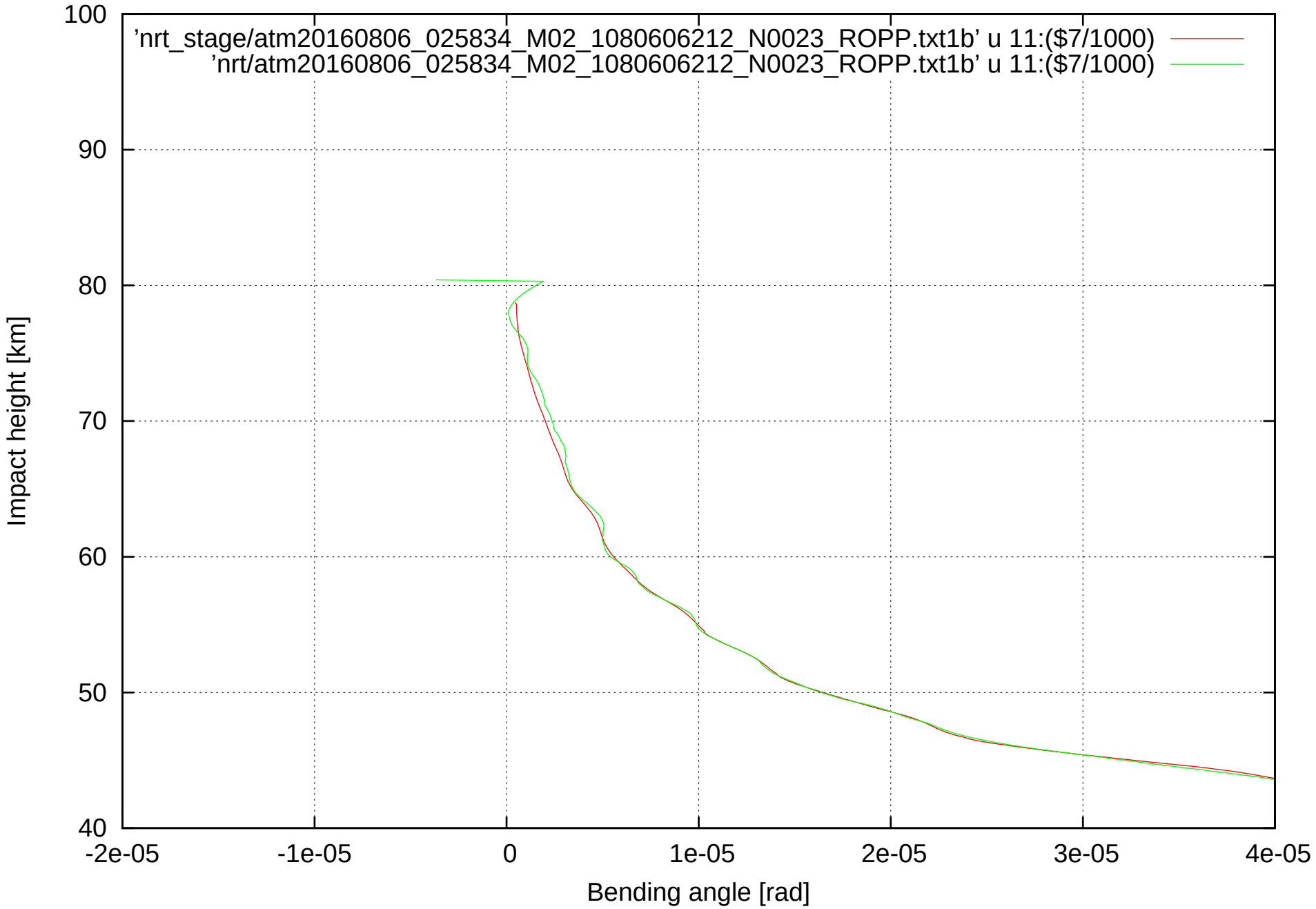

'nrt_stage/atm20160806_224804_M02_2100606295_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt/atm20160806_224804_M02_2100606295_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt_stage/atm20160806_224804_M02_2100606295_N0023_HACK.txtdiag' u 5:($1/1000)
'nrt/atm20160806_224804_M02_2100606295_N0023_HACK.txtdiag' u 5:($1/1000)
nrt_stage: 72.6 km
prior_iono = 1
noise_obs = 3.421673991110410E-007
model_err = 0.233909023552680
nrt: 65 km
prior_iono = 1
noise_obs = 5.683376325500436E-007
model_err = 0.216054487195954
Impact height [km]
Bending angle [rad]
100
90
80
70
60
50
40
0
0.2
0.4
0.6
0.8
1


'nrt_stage/atm20160806_224804_M02_2100606295_N0023_SAME.txt1b' u 11:($7/1000)
'nrt/atm20160806_224804_M02_2100606295_N0023_SAME.txt1b' u 11:($7/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]


'nrt_stage/atm20160806_224804_M02_2100606295_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt/atm20160806_224804_M02_2100606295_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt_stage/atm20160806_224804_M02_2100606295_N0023_SAME.txtdiag' u 5:($1/1000)
'nrt/atm20160806_224804_M02_2100606295_N0023_SAME.txtdiag' u 5:($1/1000)
nrt_stage: 72.6 km
prior_iono = 1E-006
noise_obs = 3E-006
model_err = 0.2
nrt: 65 km
prior_iono = 1E-006
noise_obs = 3E-006
model_err = 0.2
Impact height [km]
Bending angle [rad]
100
90
80
70
60
50
40
0
0.2
0.4
0.6
0.8
1


'nrt_stage/atm20160806_025834_M02_1080606212_N0023_XXXX.txt2a' u 3:($1/1000)
'nrt/atm20160806_025834_M02_1080606212_N0023_XXXX.txt2a' u 3:($1/1000)
Altitude [km]
100
90
80
70
60
50
40
-0.1
-0.05
0
0.05
0.1
0.15
0.2
Refractivity [N-units]


'nrt_stage/atm20160806_025834_M02_1080606212_N0023_XXXX.txt1b' u 10:($6/1000)
'nrt/atm20160806_025834_M02_1080606212_N0023_XXXX.txt1b' u 10:($6/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]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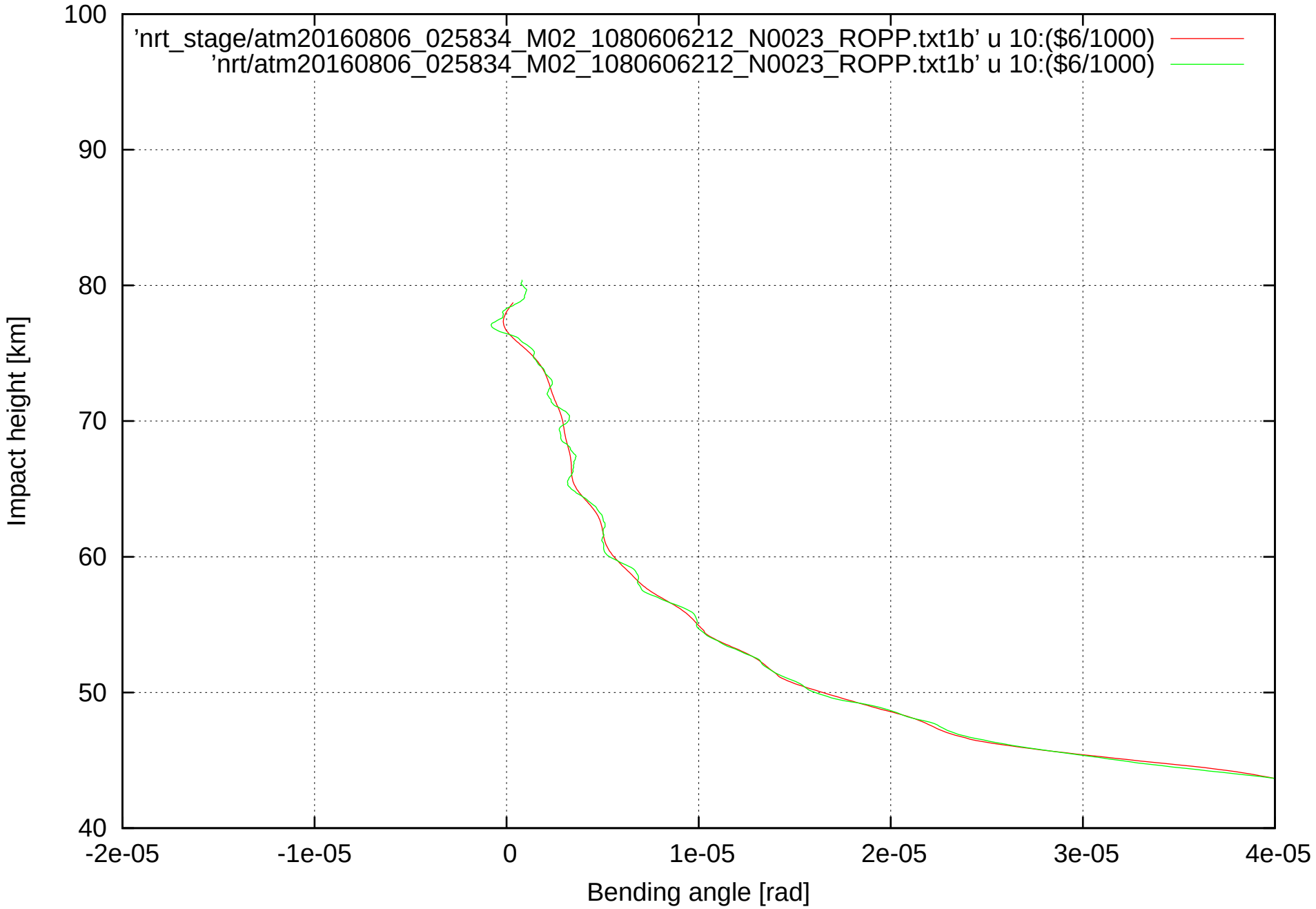
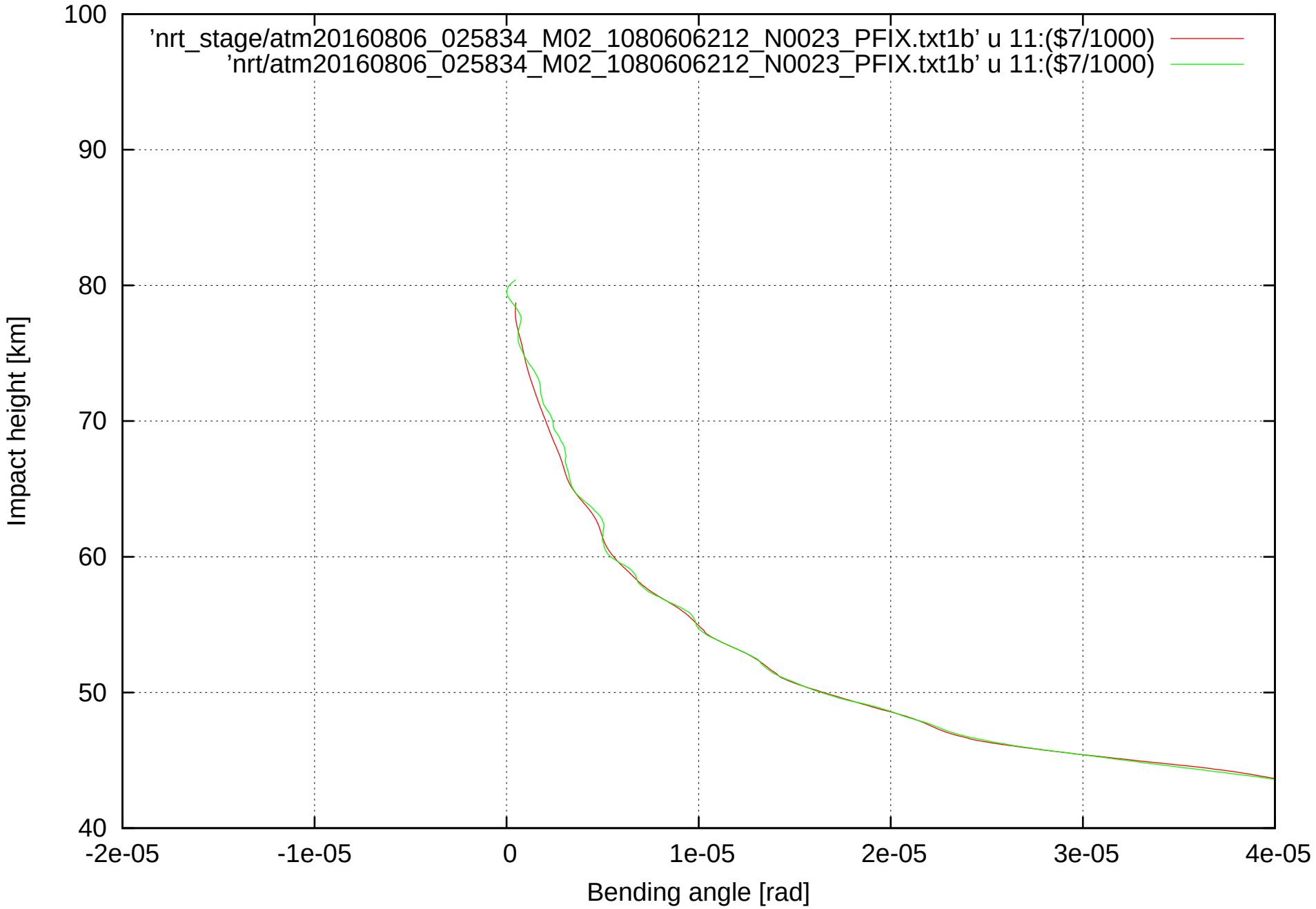
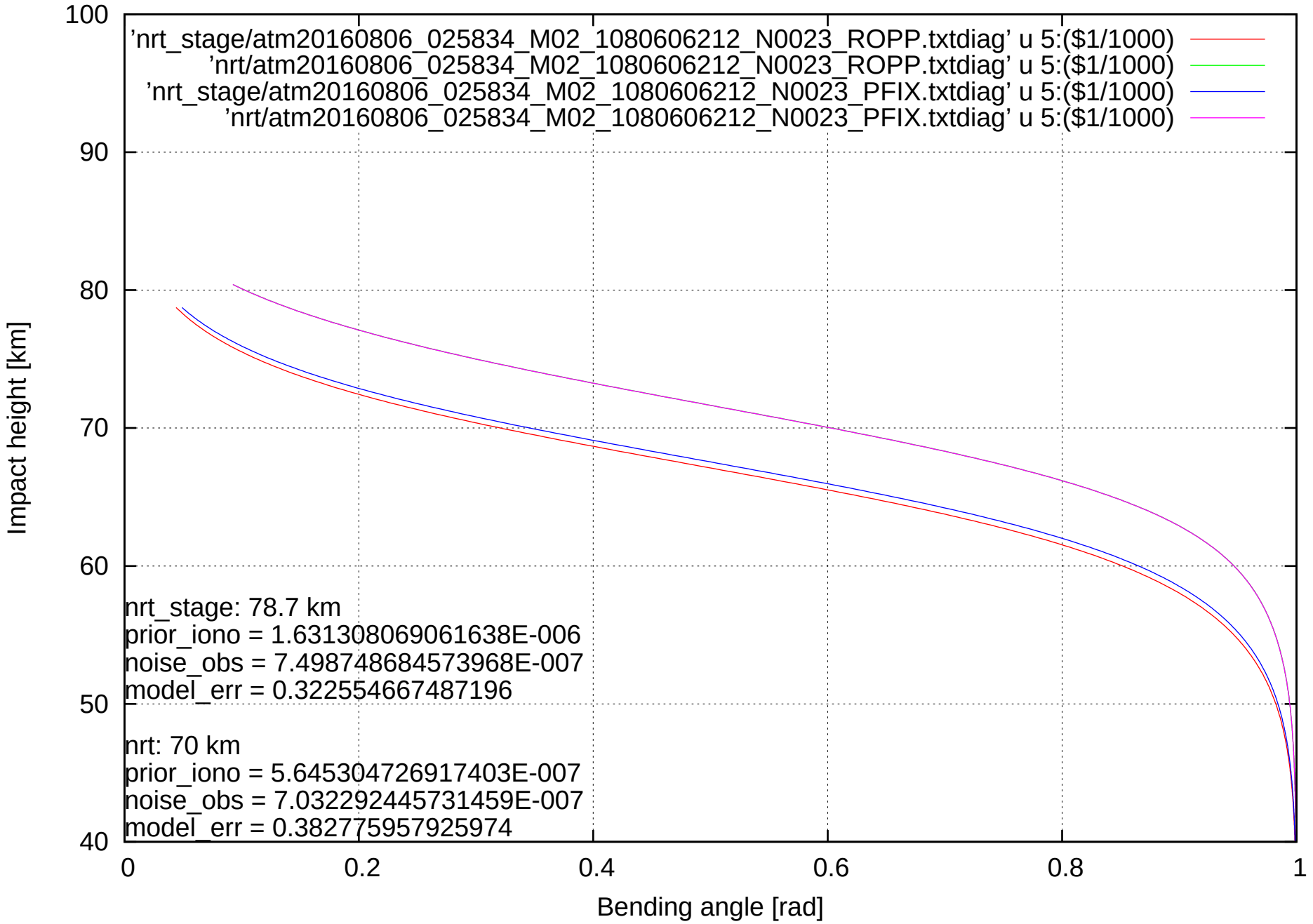
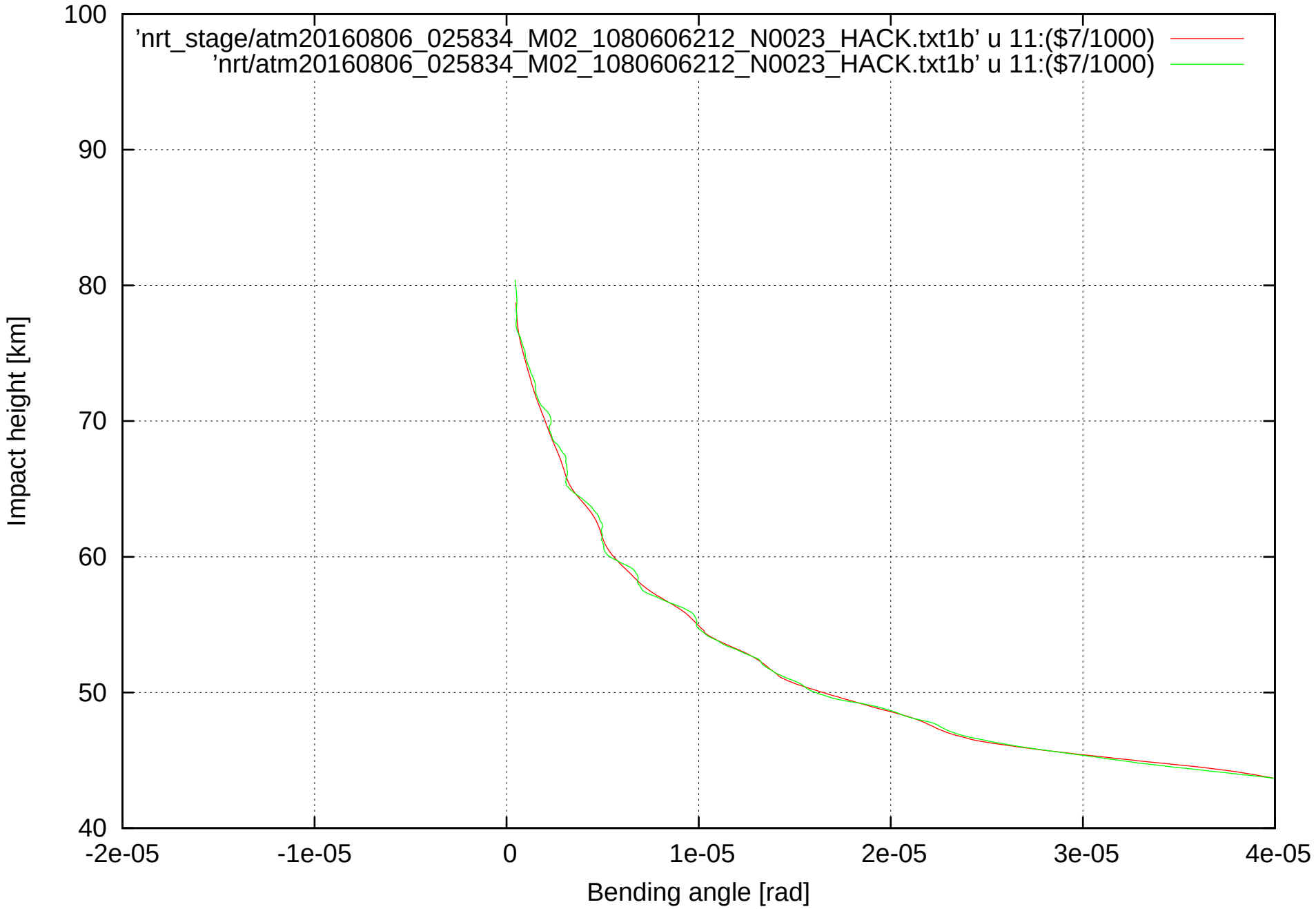
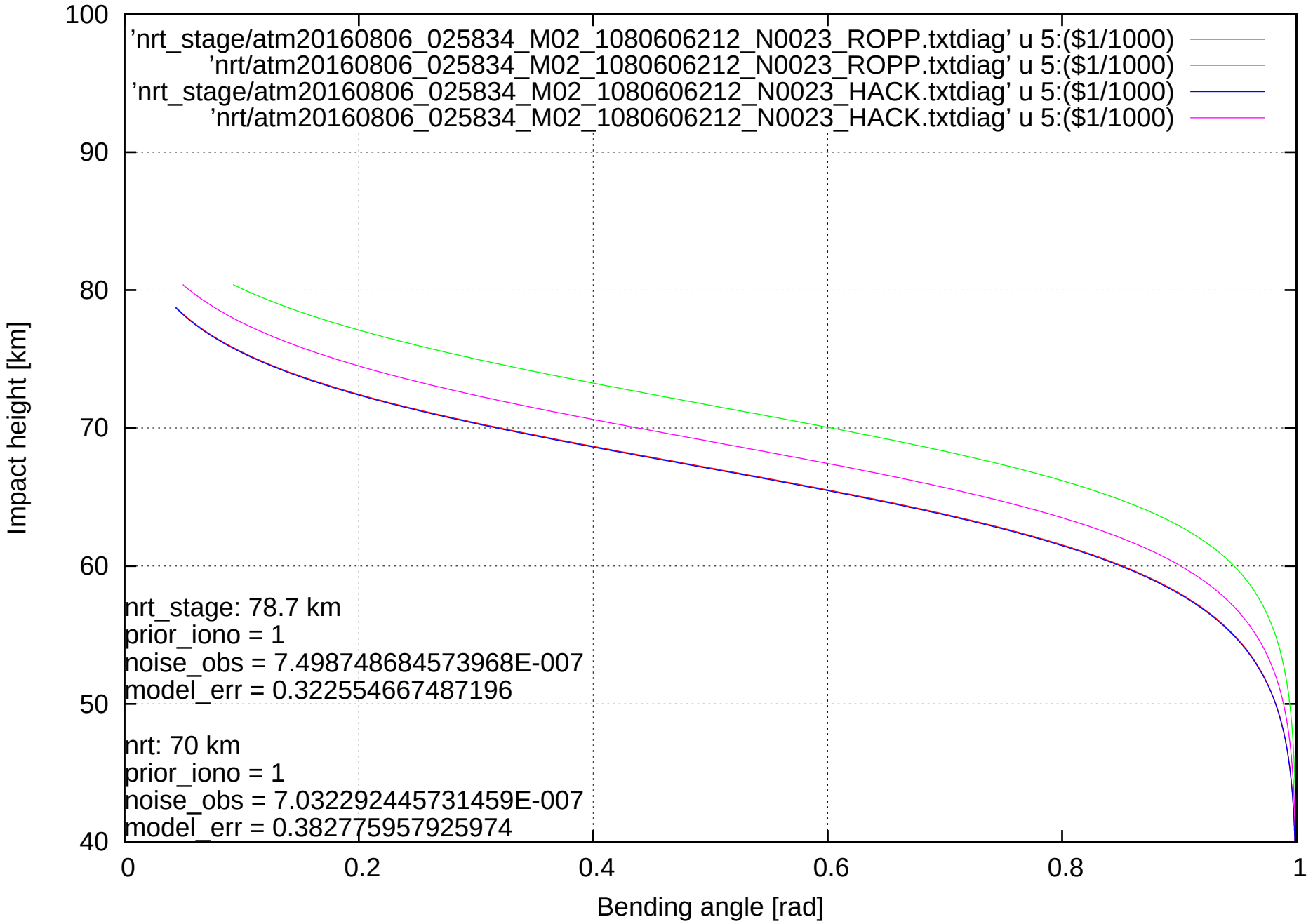
'nrt/atm20160806_025834_M02_1080606212_N0023_ROPP.txt1b' u 11:($7/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

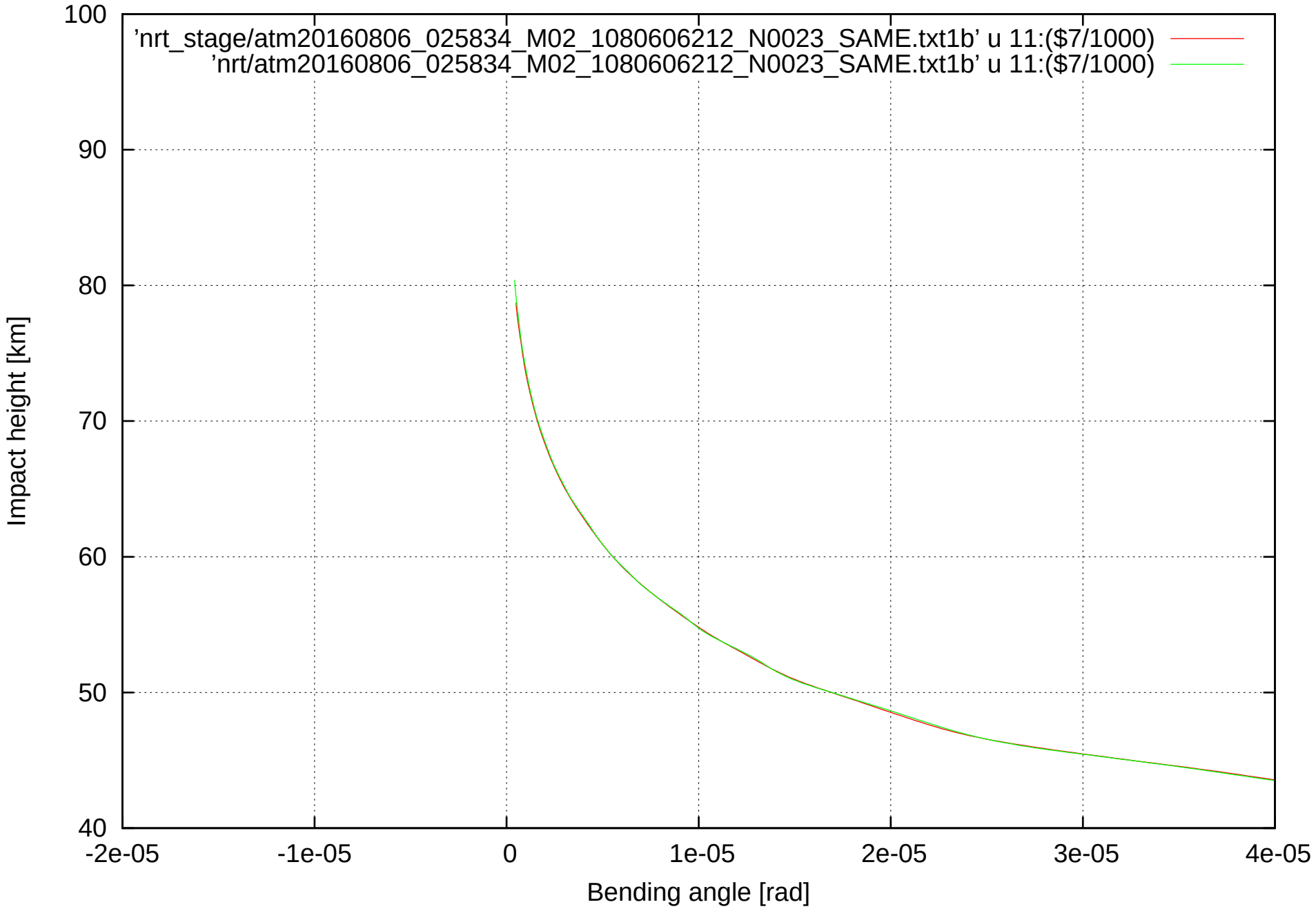

'nrt_stage/atm20160806_025834_M02_1080606212_N0023_ROPP.txt1b' u 10:($6/1000)
'nrt/atm20160806_025834_M02_1080606212_N0023_ROPP.txt1b' u 10:($6/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

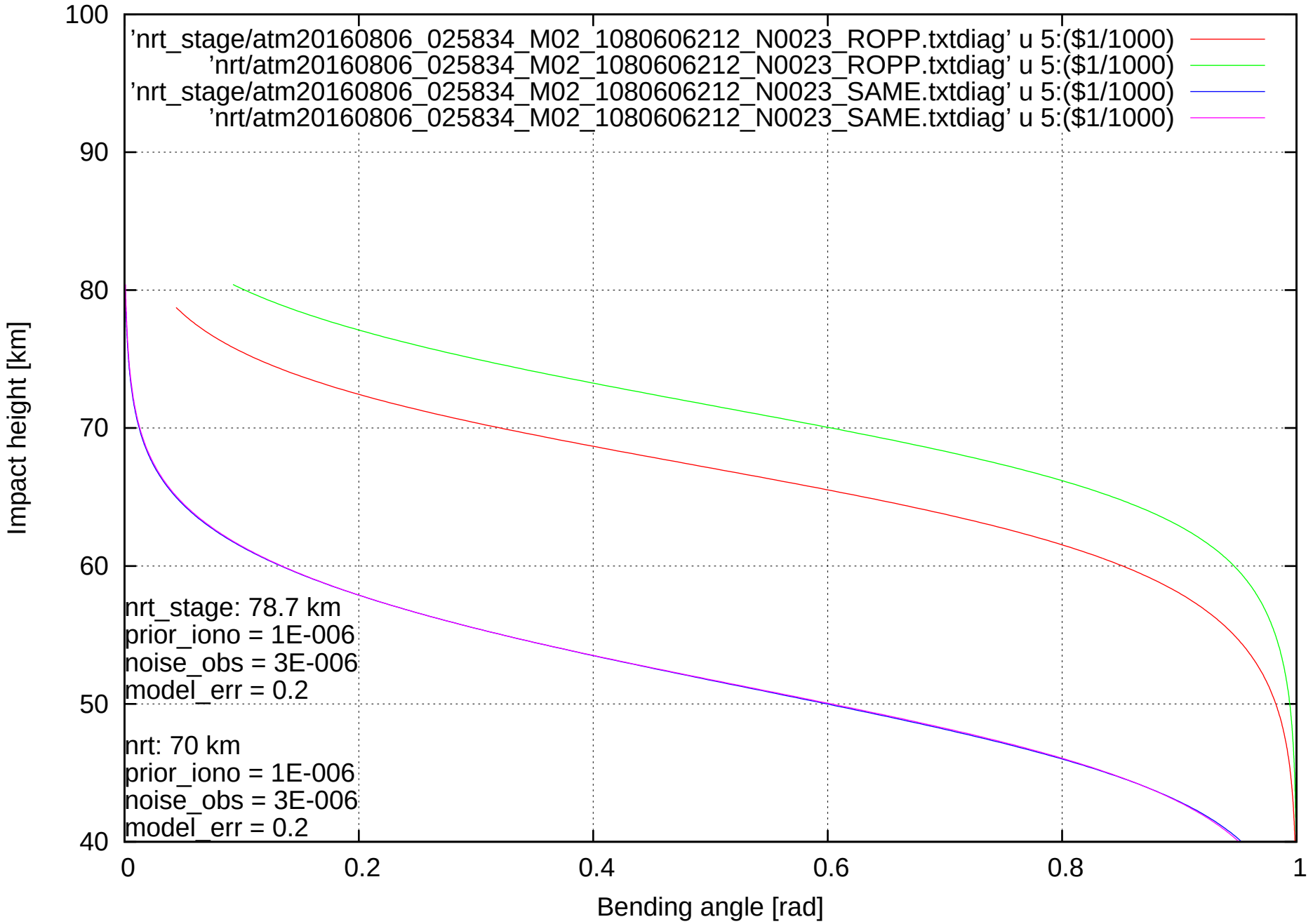

'nrt_stage/atm20160806_025834_M02_1080606212_N0023_PFIX.txt1b' u 11:($7/1000)
'nrt/atm20160806_025834_M02_1080606212_N0023_PFIX.txt1b' u 11:($7/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

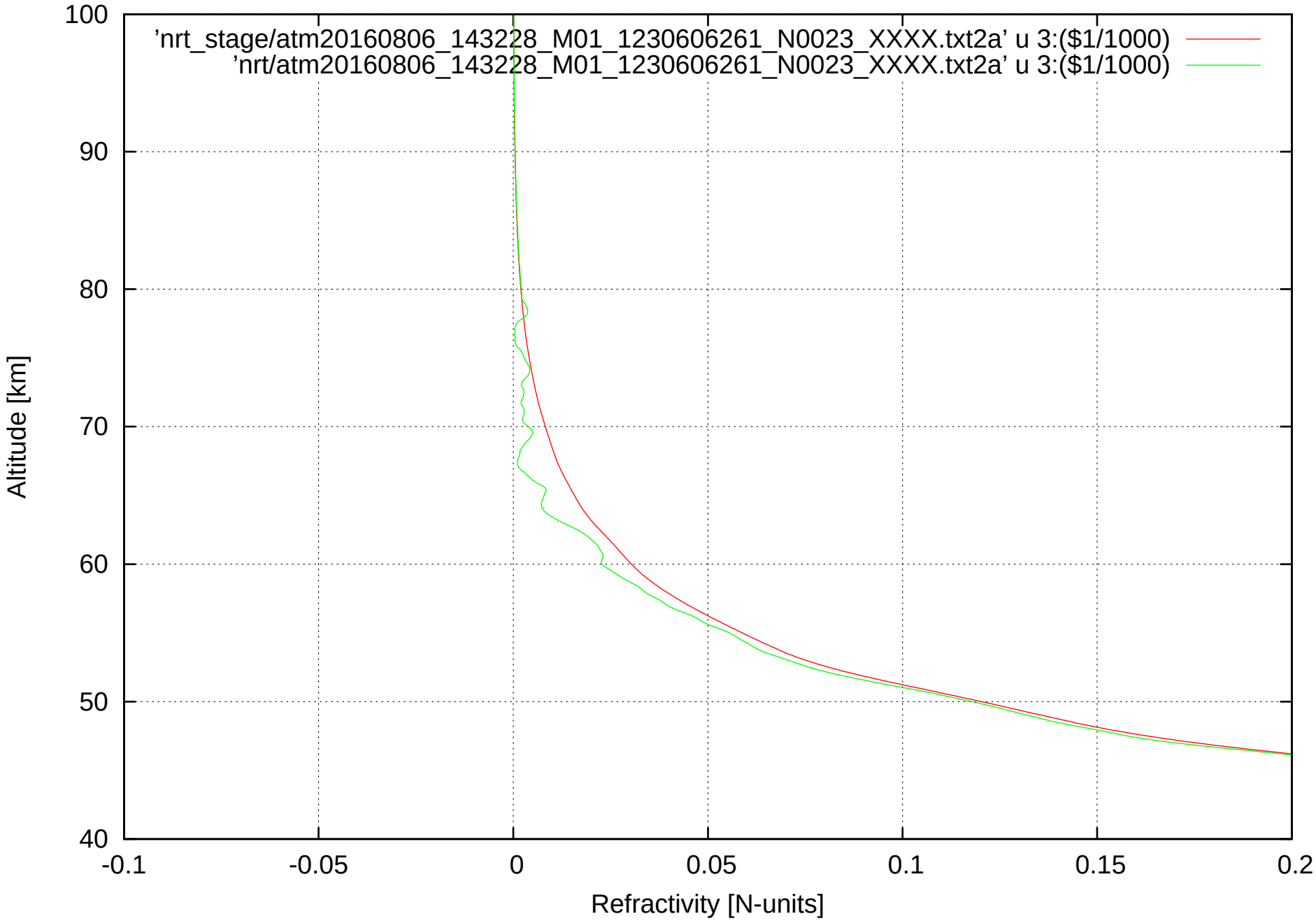

'nrt_stage/atm20160806_025834_M02_1080606212_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt/atm20160806_025834_M02_1080606212_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt_stage/atm20160806_025834_M02_1080606212_N0023_PFIX.txtdiag' u 5:($1/1000)
'nrt/atm20160806_025834_M02_1080606212_N0023_PFIX.txtdiag' u 5:($1/1000)
nrt_stage: 78.7 km
prior_iono = 1.631308069061638E-006
noise_obs = 7.498748684573968E-007
model_err = 0.322554667487196
nrt: 70 km
prior_iono = 5.645304726917403E-007
noise_obs = 7.032292445731459E-007
model_err = 0.382775957925974
Impact height [km]
Bending angle [rad]
100
90
80
70
60
50
40
0
0.2
0.4
0.6
0.8
1

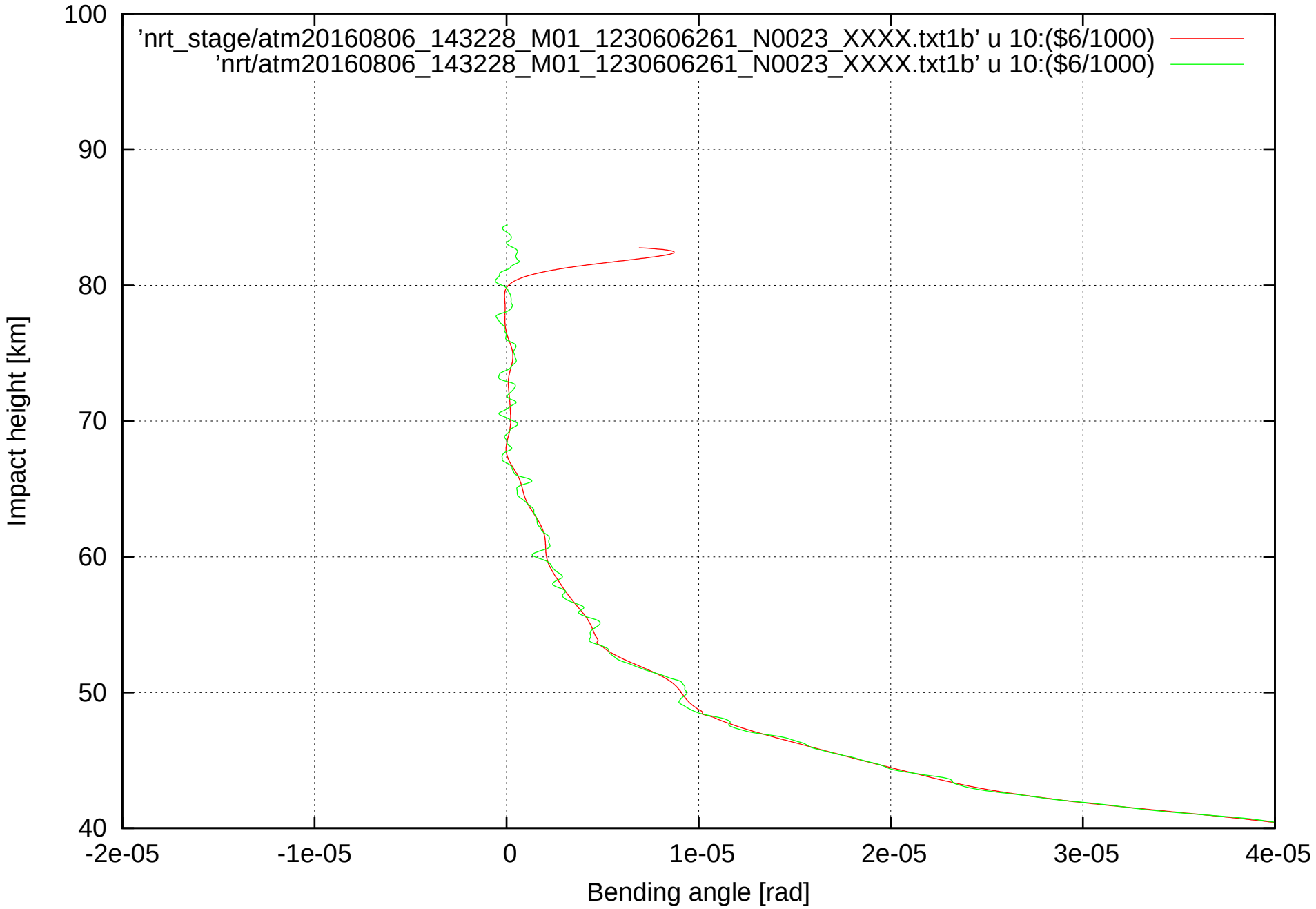

'nrt_stage/atm20160806_025834_M02_1080606212_N0023_HACK.txt1b' u 11:($7/1000)
'nrt/atm20160806_025834_M02_1080606212_N0023_HACK.txt1b' u 11:($7/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

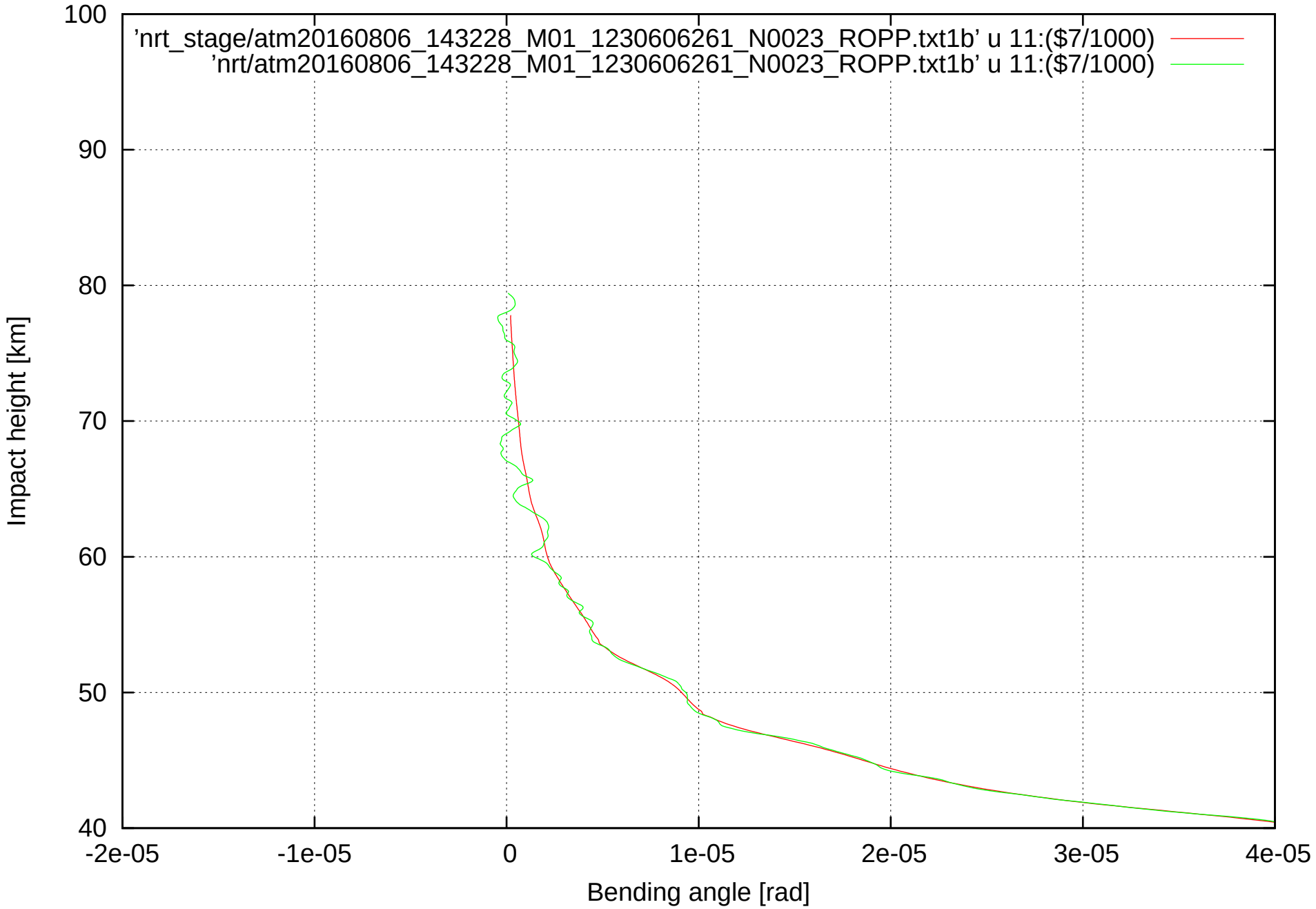

'nrt_stage/atm20160806_025834_M02_1080606212_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt/atm20160806_025834_M02_1080606212_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt_stage/atm20160806_025834_M02_1080606212_N0023_HACK.txtdiag' u 5:($1/1000)
'nrt/atm20160806_025834_M02_1080606212_N0023_HACK.txtdiag' u 5:($1/1000)
nrt_stage: 78.7 km
prior_iono = 1
noise_obs = 7.498748684573968E-007
model_err = 0.322554667487196
nrt: 70 km
prior_iono = 1
noise_obs = 7.032292445731459E-007
model_err = 0.382775957925974
Impact height [km]
Bending angle [rad]
100
90
80
70
60
50
40
0
0.2
0.4
0.6
0.8
1

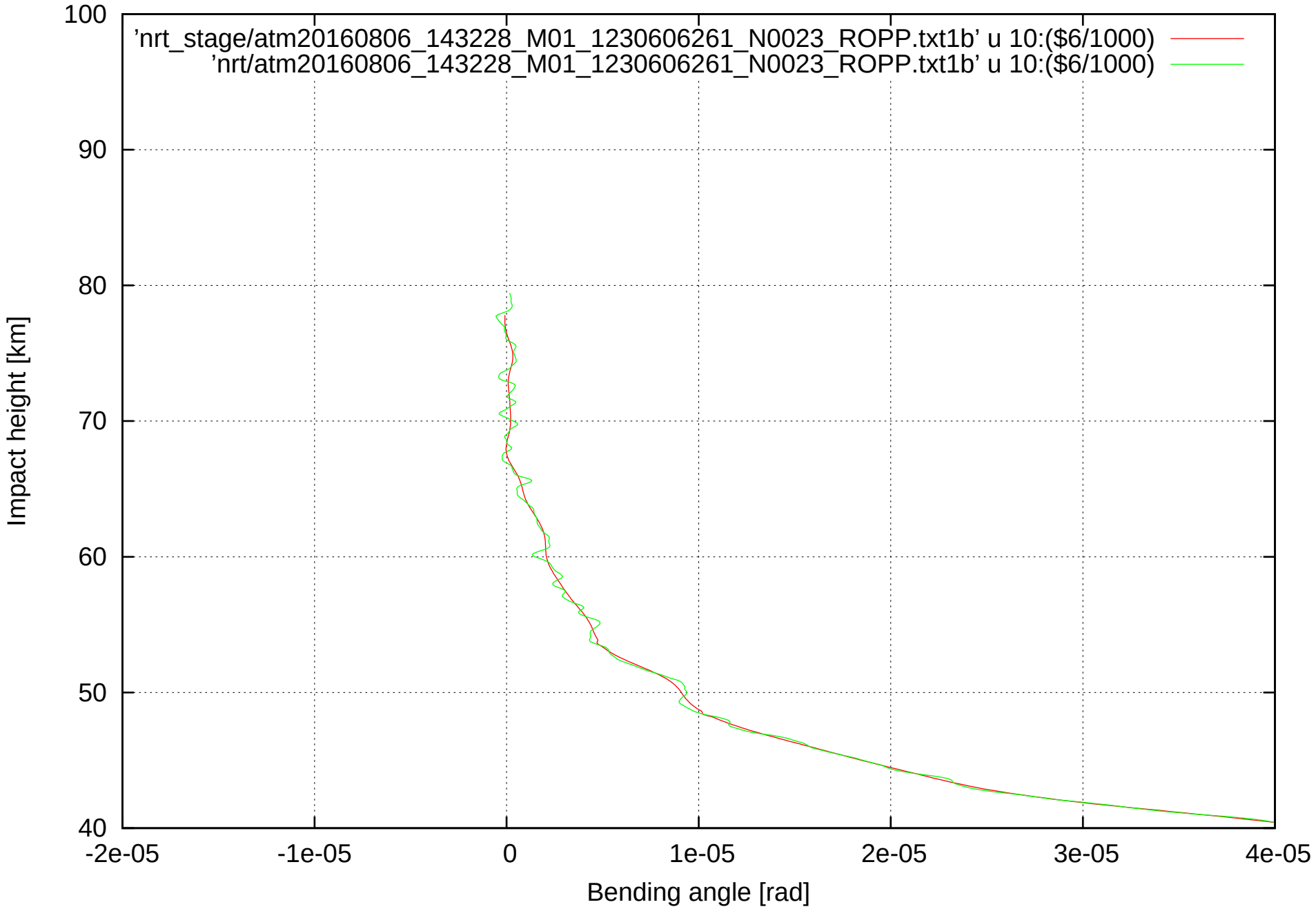

'nrt_stage/atm20160806_025834_M02_1080606212_N0023_SAME.txt1b' u 11:($7/1000)
'nrt/atm20160806_025834_M02_1080606212_N0023_SAME.txt1b' u 11:($7/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

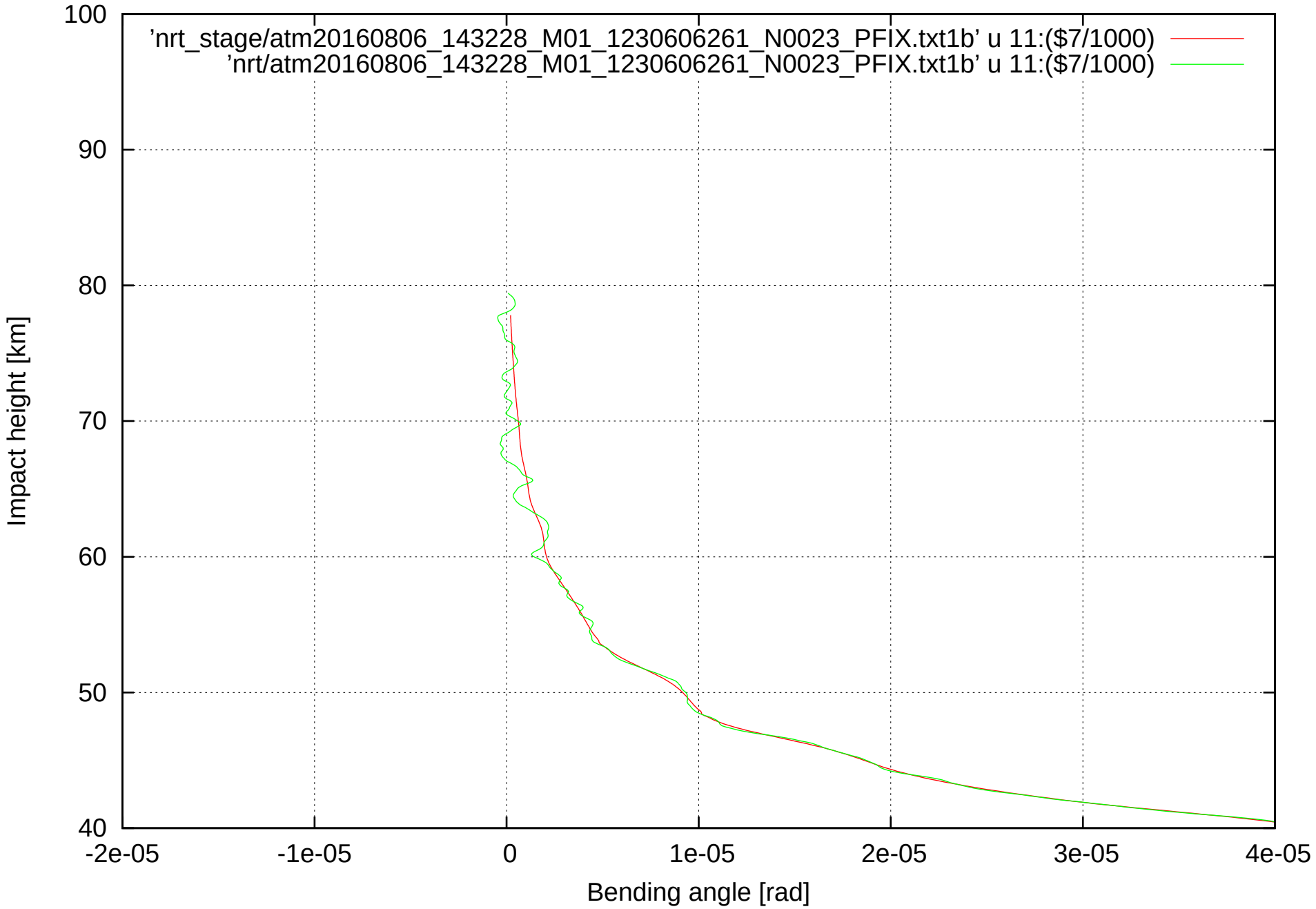

'nrt_stage/atm20160806_025834_M02_1080606212_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt/atm20160806_025834_M02_1080606212_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt_stage/atm20160806_025834_M02_1080606212_N0023_SAME.txtdiag' u 5:($1/1000)
'nrt/atm20160806_025834_M02_1080606212_N0023_SAME.txtdiag' u 5:($1/1000)
nrt_stage: 78.7 km
prior_iono = 1E-006
noise_obs = 3E-006
model_err = 0.2
nrt: 70 km
prior_iono = 1E-006
noise_obs = 3E-006
model_err = 0.2
Impact height [km]
Bending angle [rad]
100
90
80
70
60
50
40
0
0.2
0.4
0.6
0.8
1

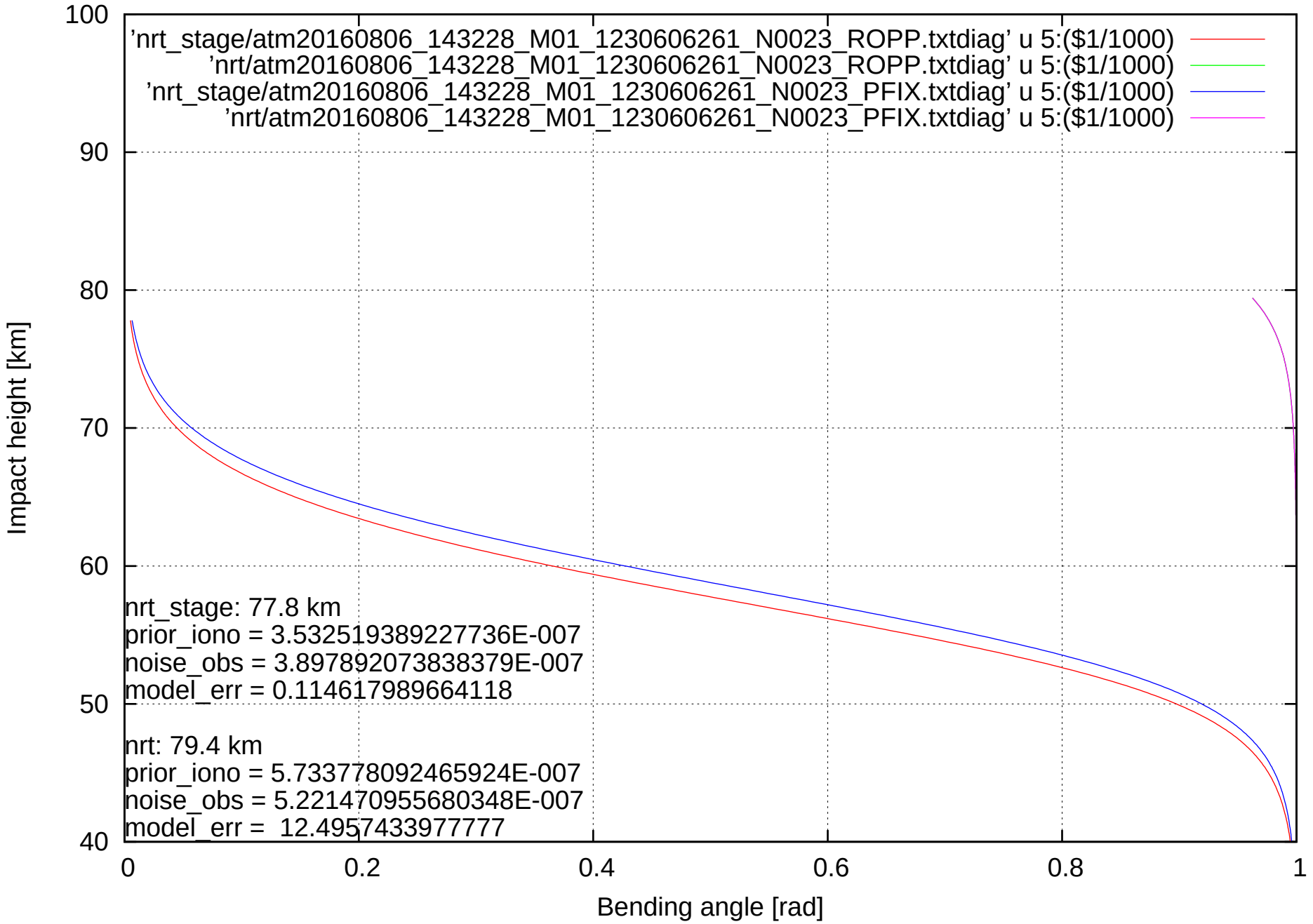

'nrt_stage/atm20160806_143228_M01_1230606261_N0023_XXXX.txt2a' u 3:($1/1000)
'nrt/atm20160806_143228_M01_1230606261_N0023_XXXX.txt2a' u 3:($1/1000)
Altitude [km]
100
90
80
70
60
50
40
-0.1
-0.05
0
0.05
0.1
0.15
0.2
Refractivity [N-units]

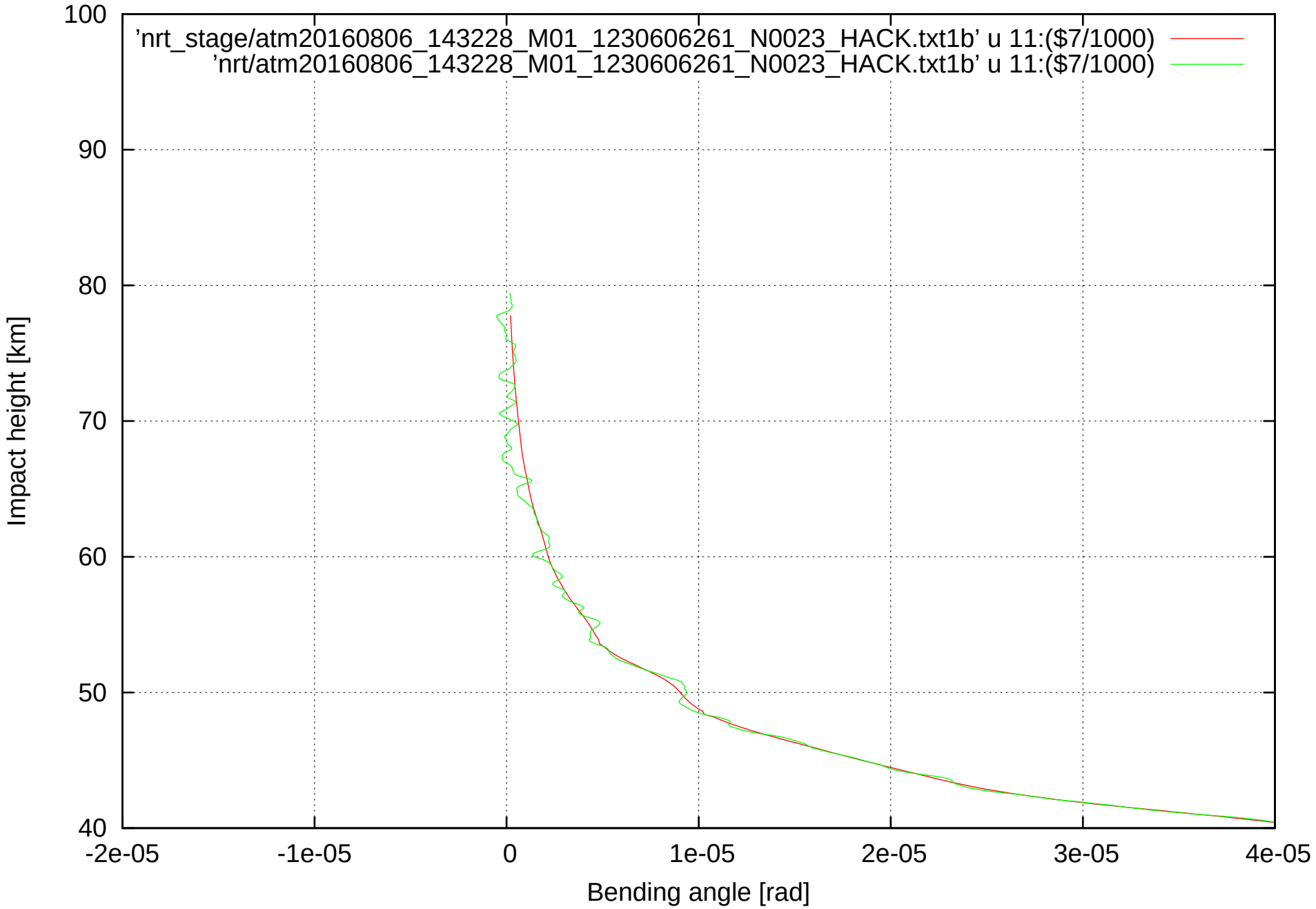

'nrt_stage/atm20160806_143228_M01_1230606261_N0023_XXXX.txt1b' u 10:($6/1000)
'nrt/atm20160806_143228_M01_1230606261_N0023_XXXX.txt1b' u 10:($6/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

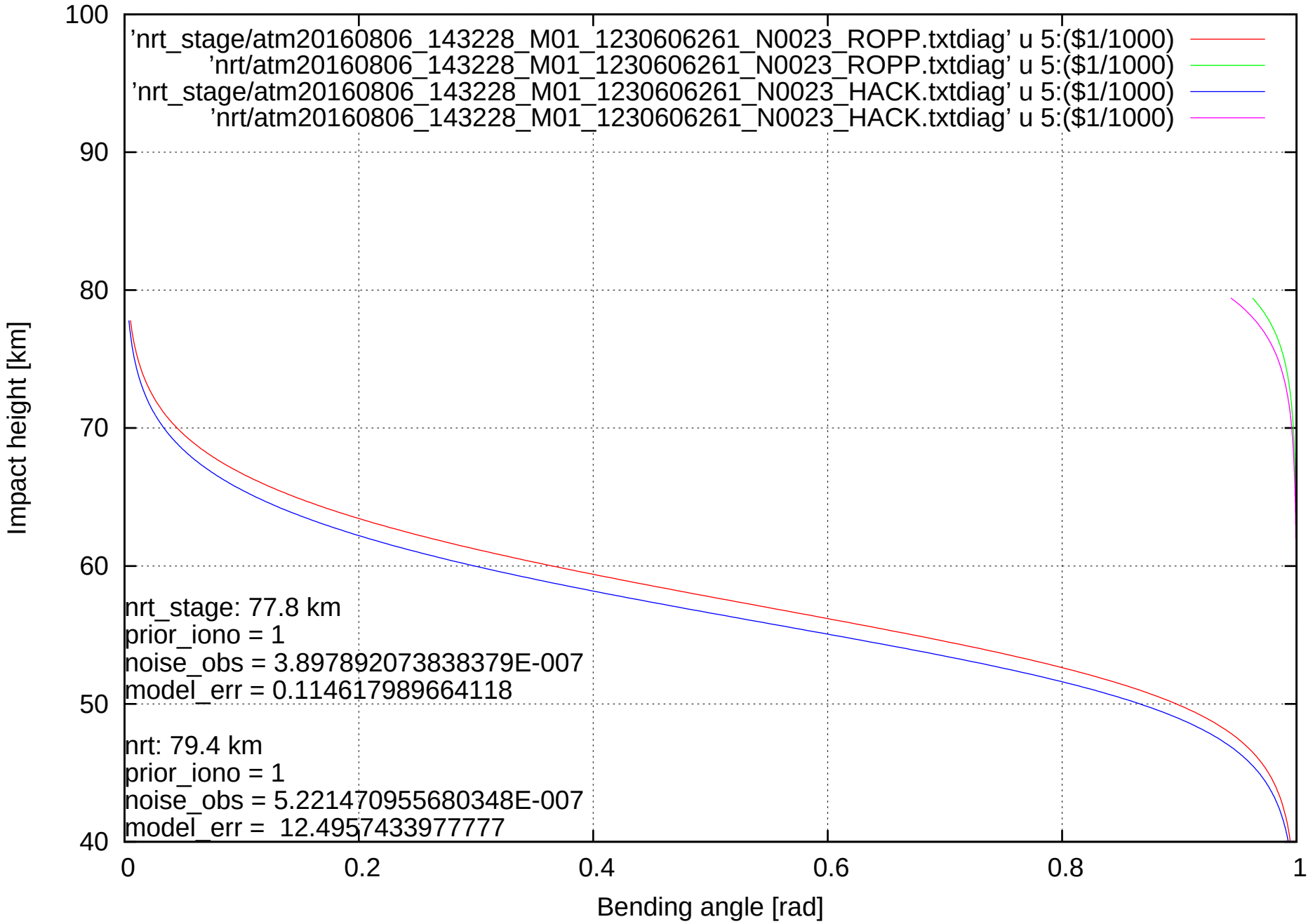

'nrt_stage/atm20160806_143228_M01_1230606261_N0023_ROPP.txt1b' u 11:($7/1000)
'nrt/atm20160806_143228_M01_1230606261_N0023_ROPP.txt1b' u 11:($7/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

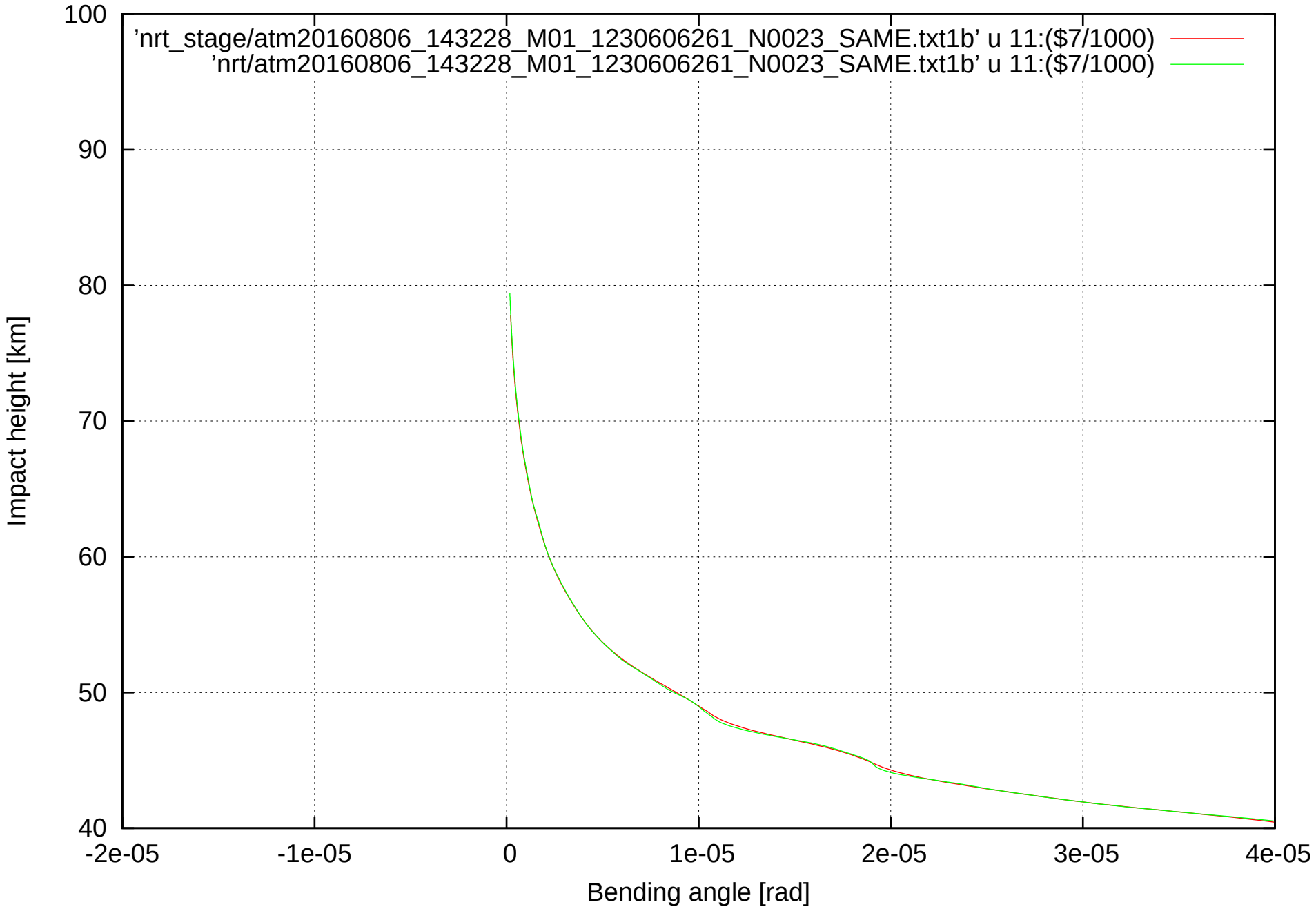

'nrt_stage/atm20160806_143228_M01_1230606261_N0023_ROPP.txt1b' u 10:($6/1000)
'nrt/atm20160806_143228_M01_1230606261_N0023_ROPP.txt1b' u 10:($6/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

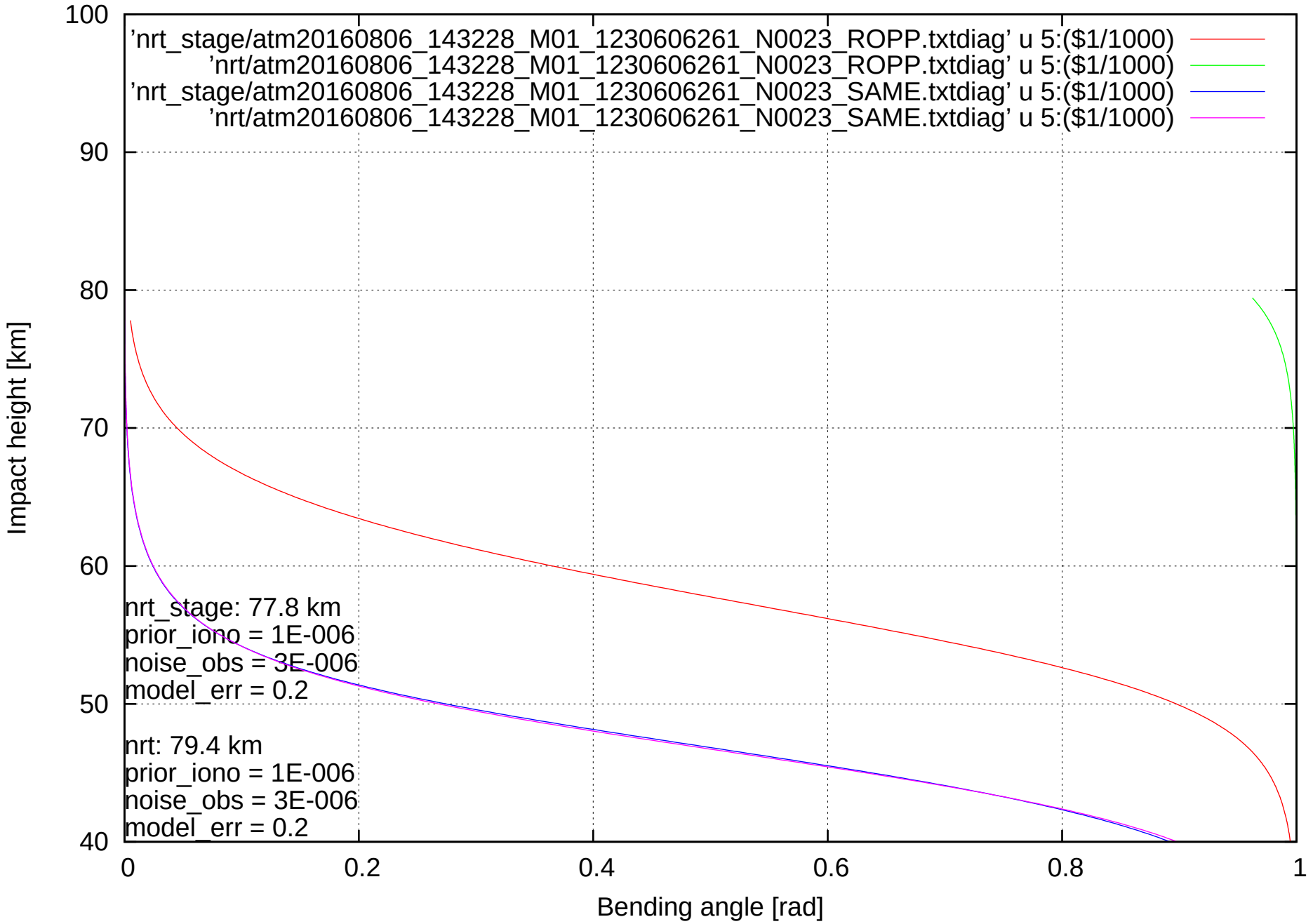

'nrt_stage/atm20160806_143228_M01_1230606261_N0023_PFIX.txt1b' u 11:($7/1000)
'nrt/atm20160806_143228_M01_1230606261_N0023_PFIX.txt1b' u 11:($7/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

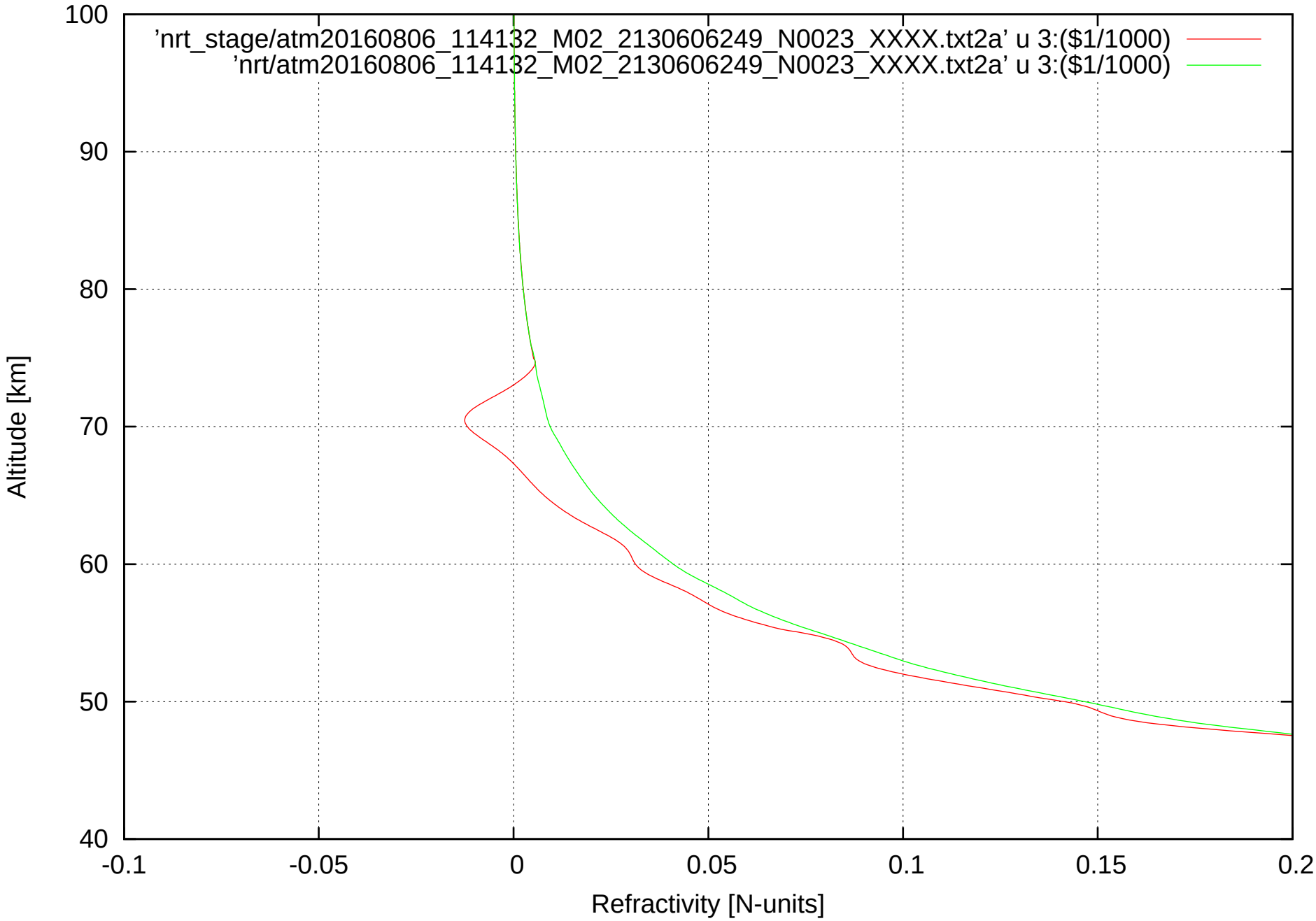

'nrt_stage/atm20160806_143228_M01_1230606261_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt/atm20160806_143228_M01_1230606261_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt_stage/atm20160806_143228_M01_1230606261_N0023_PFIX.txtdiag' u 5:($1/1000)
'nrt/atm20160806_143228_M01_1230606261_N0023_PFIX.txtdiag' u 5:($1/1000)
nrt_stage: 77.8 km
prior_iono = 3.532519389227736E-007
noise_obs = 3.897892073838379E-007
model_err = 0.114617989664118
nrt: 79.4 km
prior_iono = 5.733778092465924E-007
noise_obs = 5.221470955680348E-007
model_err = 12.4957433977777
Impact height [km]
Bending angle [rad]
100
90
80
70
60
50
40
0
0.2
0.4
0.6
0.8
1

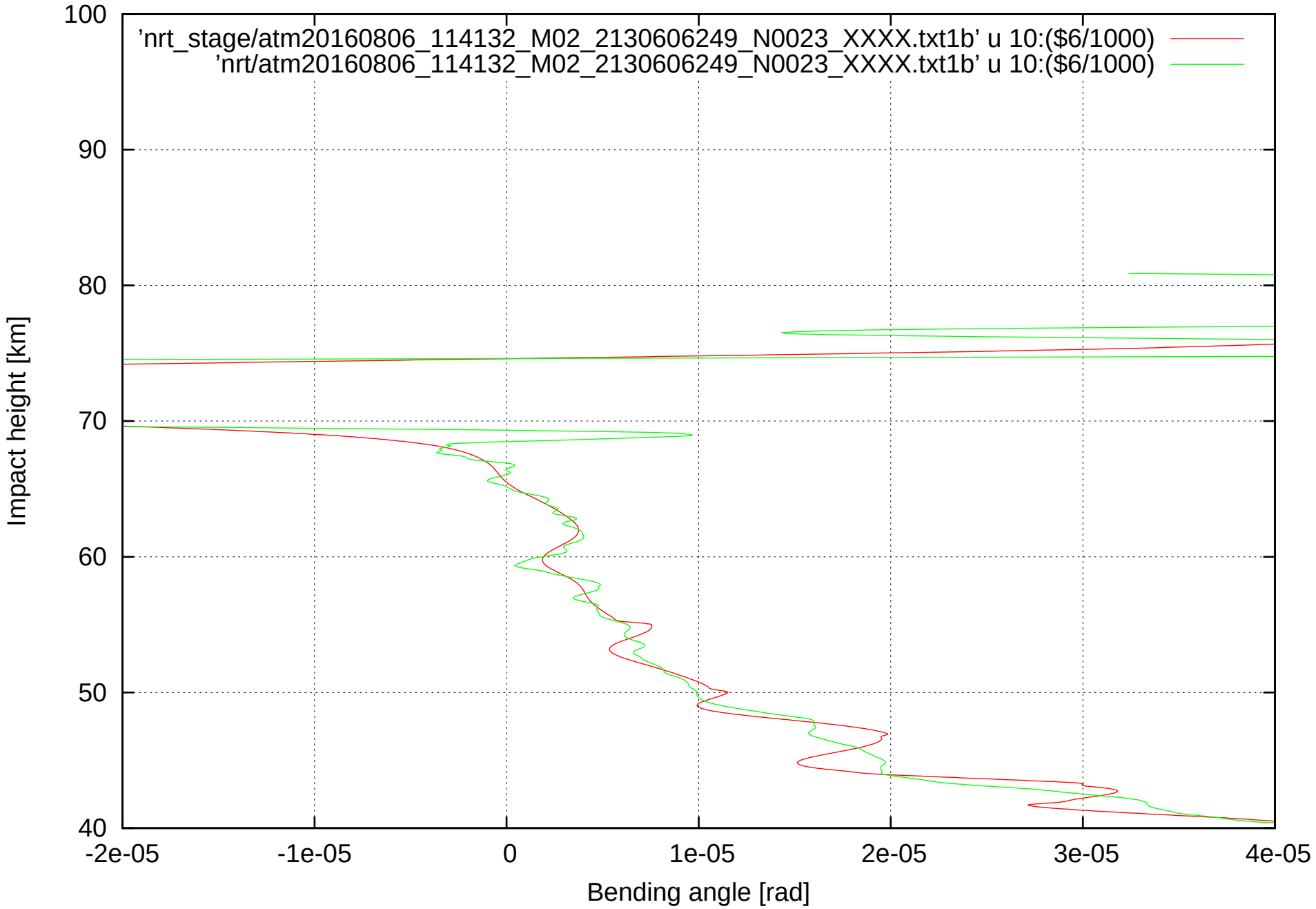

'nrt_stage/atm20160806_143228_M01_1230606261_N0023_HACK.txt1b' u 11:($7/1000)
'nrt/atm20160806_143228_M01_1230606261_N0023_HACK.txt1b' u 11:($7/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

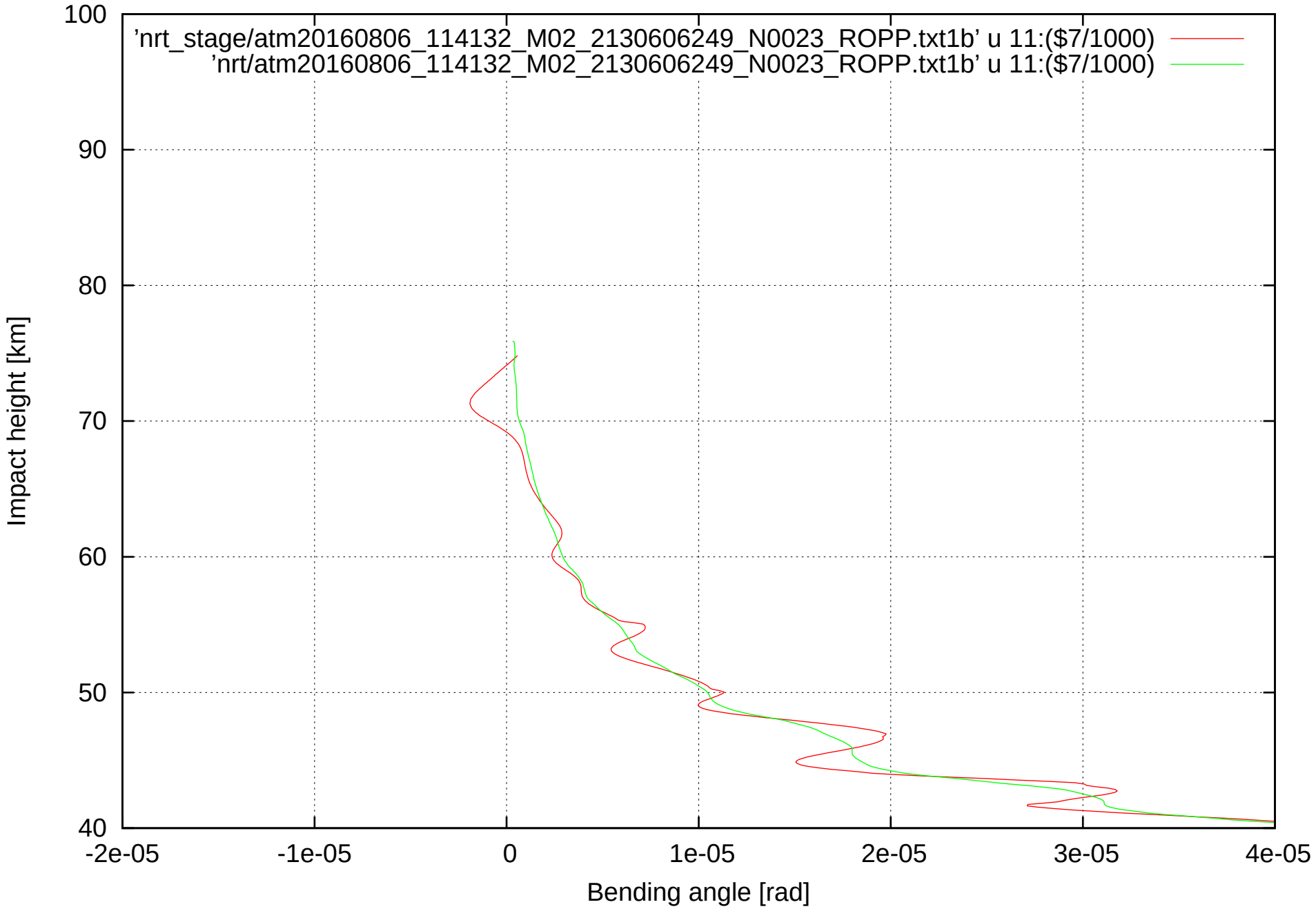

'nrt_stage/atm20160806_143228_M01_1230606261_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt/atm20160806_143228_M01_1230606261_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt_stage/atm20160806_143228_M01_1230606261_N0023_HACK.txtdiag' u 5:($1/1000)
'nrt/atm20160806_143228_M01_1230606261_N0023_HACK.txtdiag' u 5:($1/1000)
nrt_stage: 77.8 km
prior_iono = 1
noise_obs = 3.897892073838379E-007
model_err = 0.114617989664118
nrt: 79.4 km
prior_iono = 1
noise_obs = 5.221470955680348E-007
model_err = 12.4957433977777
Impact height [km]
Bending angle [rad]
100
90
80
70
60
50
40
0
0.2
0.4
0.6
0.8
1

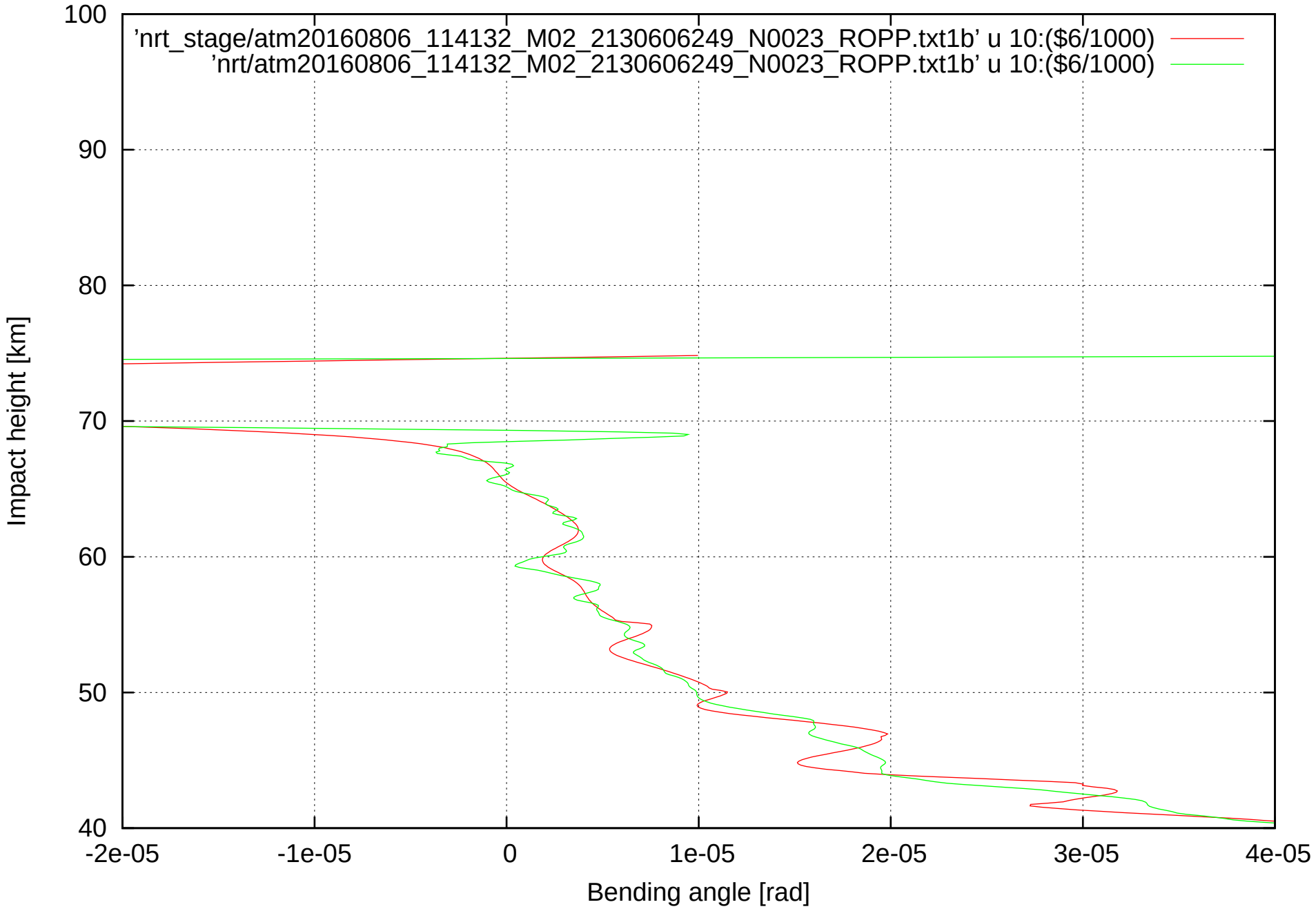

'nrt_stage/atm20160806_143228_M01_1230606261_N0023_SAME.txt1b' u 11:($7/1000)
'nrt/atm20160806_143228_M01_1230606261_N0023_SAME.txt1b' u 11:($7/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

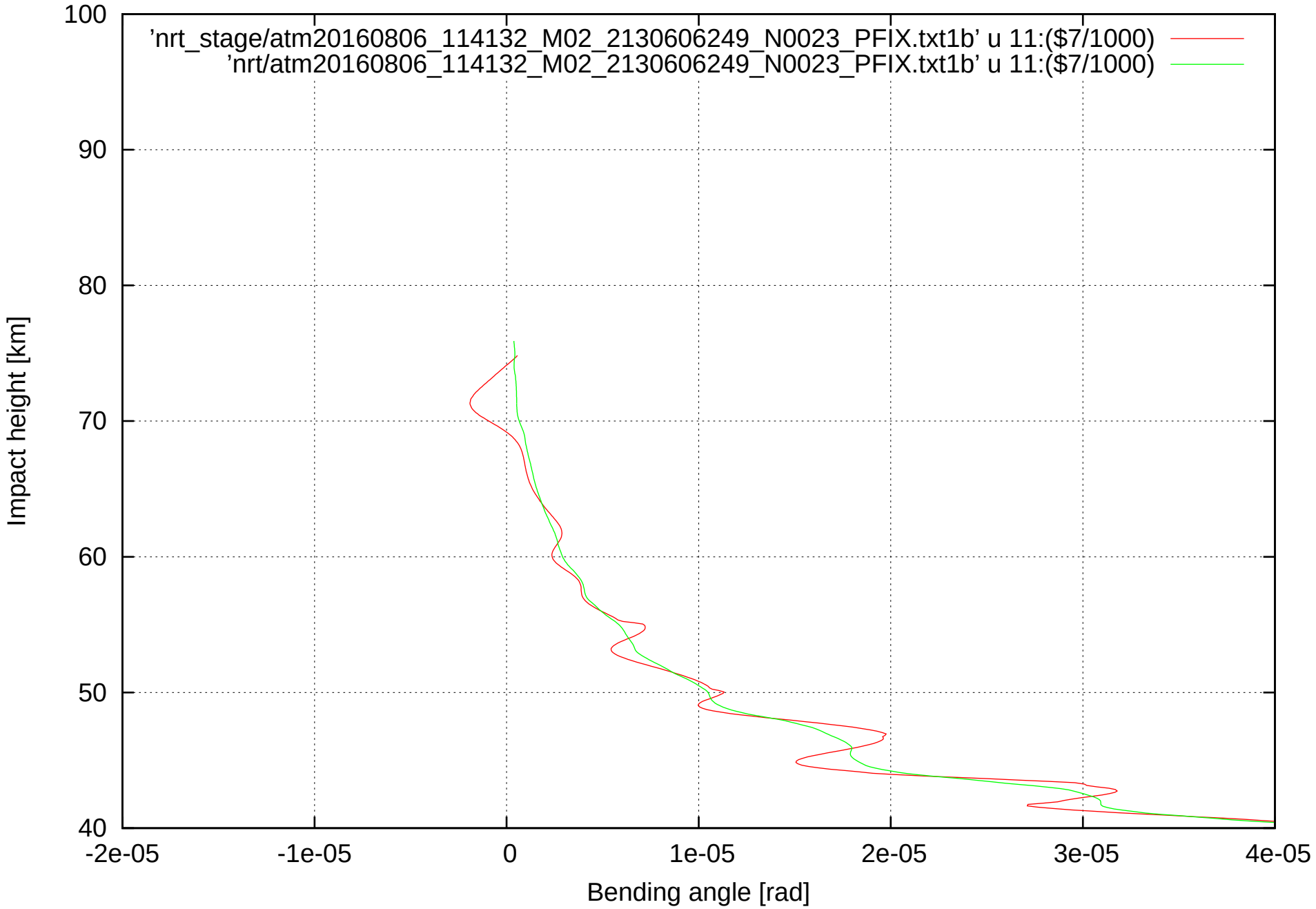

'nrt_stage/atm20160806_143228_M01_1230606261_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt/atm20160806_143228_M01_1230606261_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt_stage/atm20160806_143228_M01_1230606261_N0023_SAME.txtdiag' u 5:($1/1000)
'nrt/atm20160806_143228_M01_1230606261_N0023_SAME.txtdiag' u 5:($1/1000)
nrt_stage: 77.8 km
prior_iono = 1E-006
noise_obs = 3E-006
model_err = 0.2
nrt: 79.4 km
prior_iono = 1E-006
noise_obs = 3E-006
model_err = 0.2
Impact height [km]
Bending angle [rad]
100
90
80
70
60
50
40
0
0.2
0.4
0.6
0.8
1

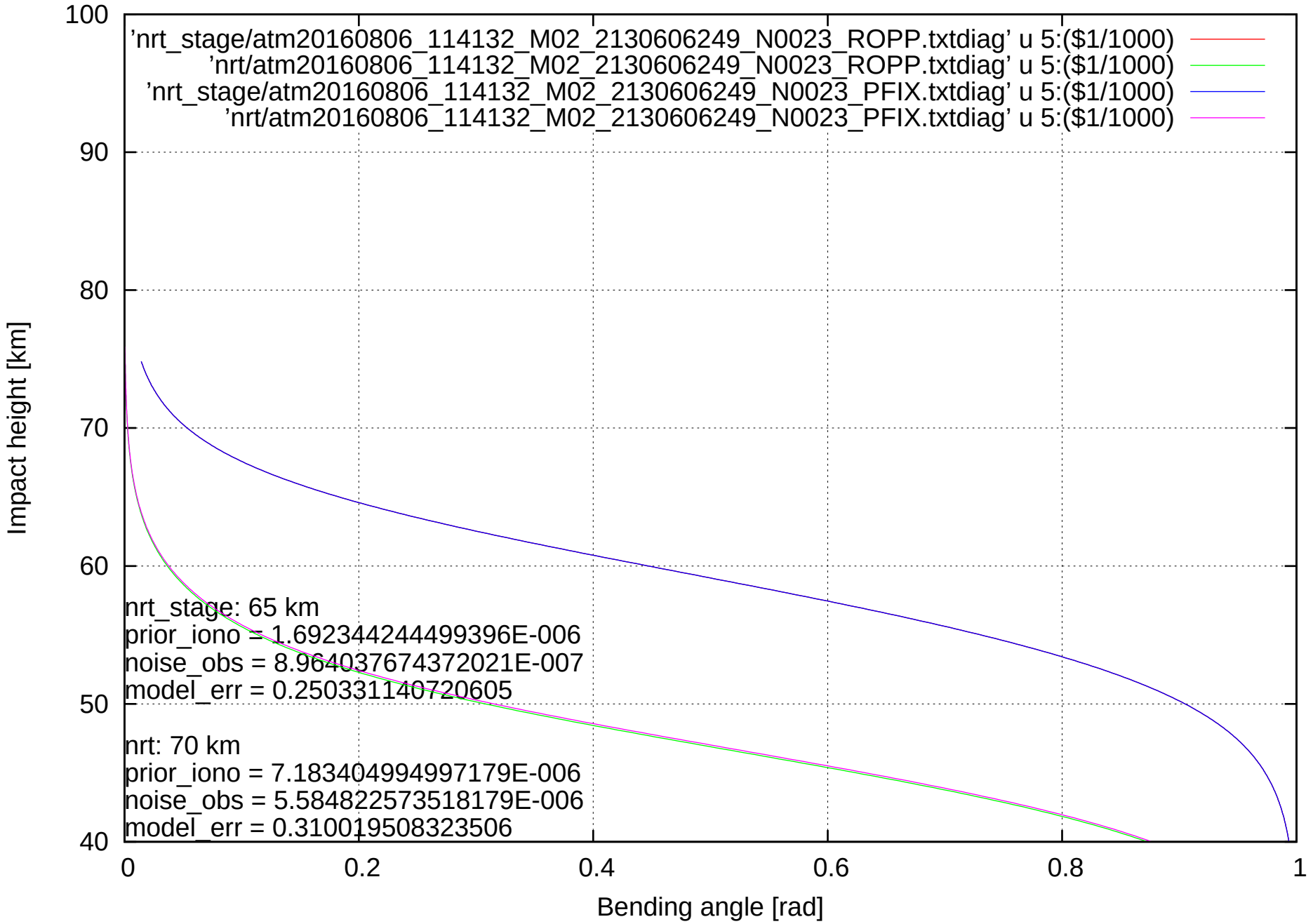

'nrt_stage/atm20160806_114132_M02_2130606249_N0023_XXXX.txt2a' u 3:($1/1000)
'nrt/atm20160806_114132_M02_2130606249_N0023_XXXX.txt2a' u 3:($1/1000)
Altitude [km]
100
90
80
70
60
50
40
-0.1
-0.05
0
0.05
0.1
0.15
0.2
Refractivity [N-units]

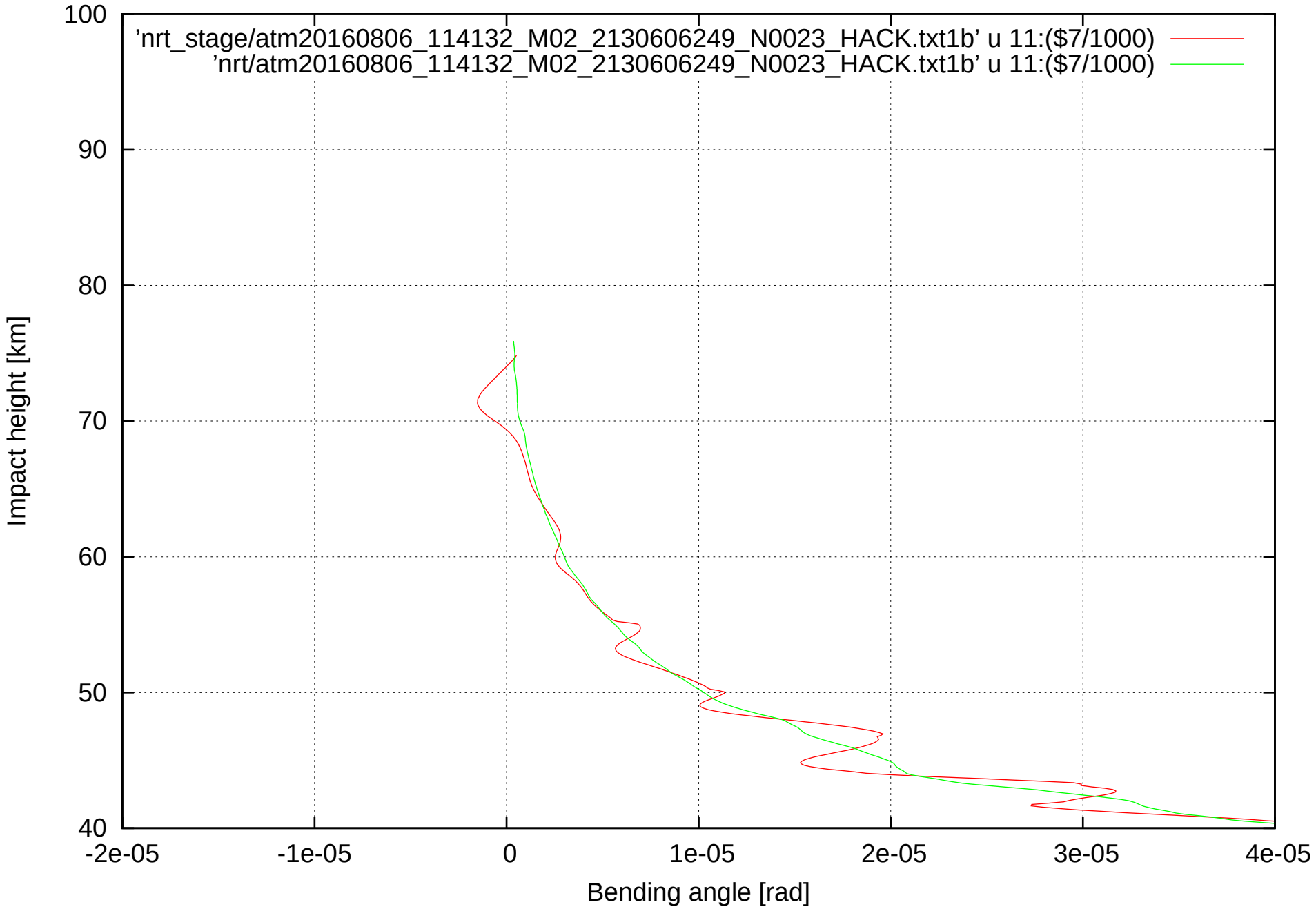

'nrt_stage/atm20160806_114132_M02_2130606249_N0023_XXXX.txt1b' u 10:($6/1000)
'nrt/atm20160806_114132_M02_2130606249_N0023_XXXX.txt1b' u 10:($6/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

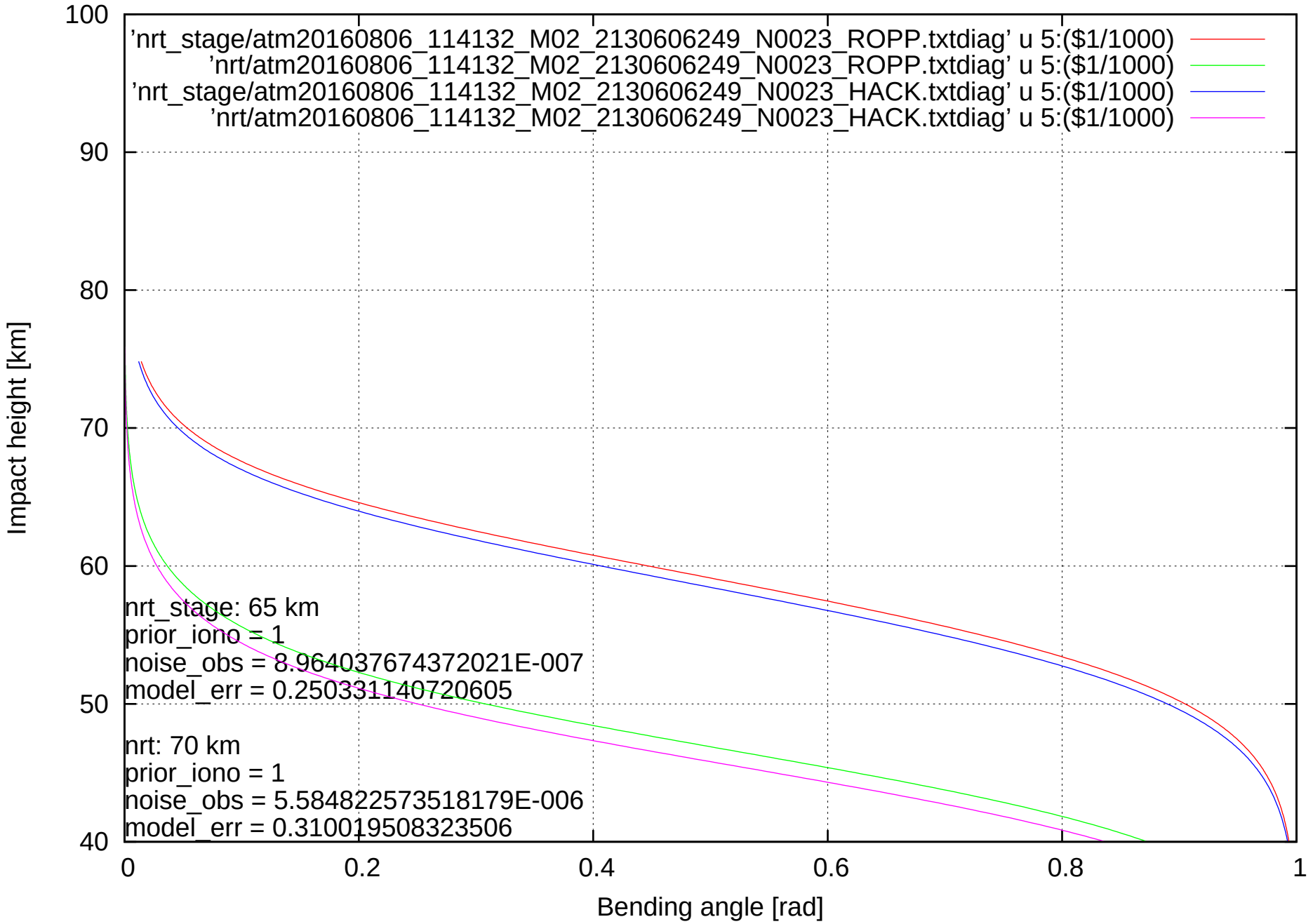

'nrt_stage/atm20160806_114132_M02_2130606249_N0023_ROPP.txt1b' u 11:($7/1000)
'nrt/atm20160806_114132_M02_2130606249_N0023_ROPP.txt1b' u 11:($7/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

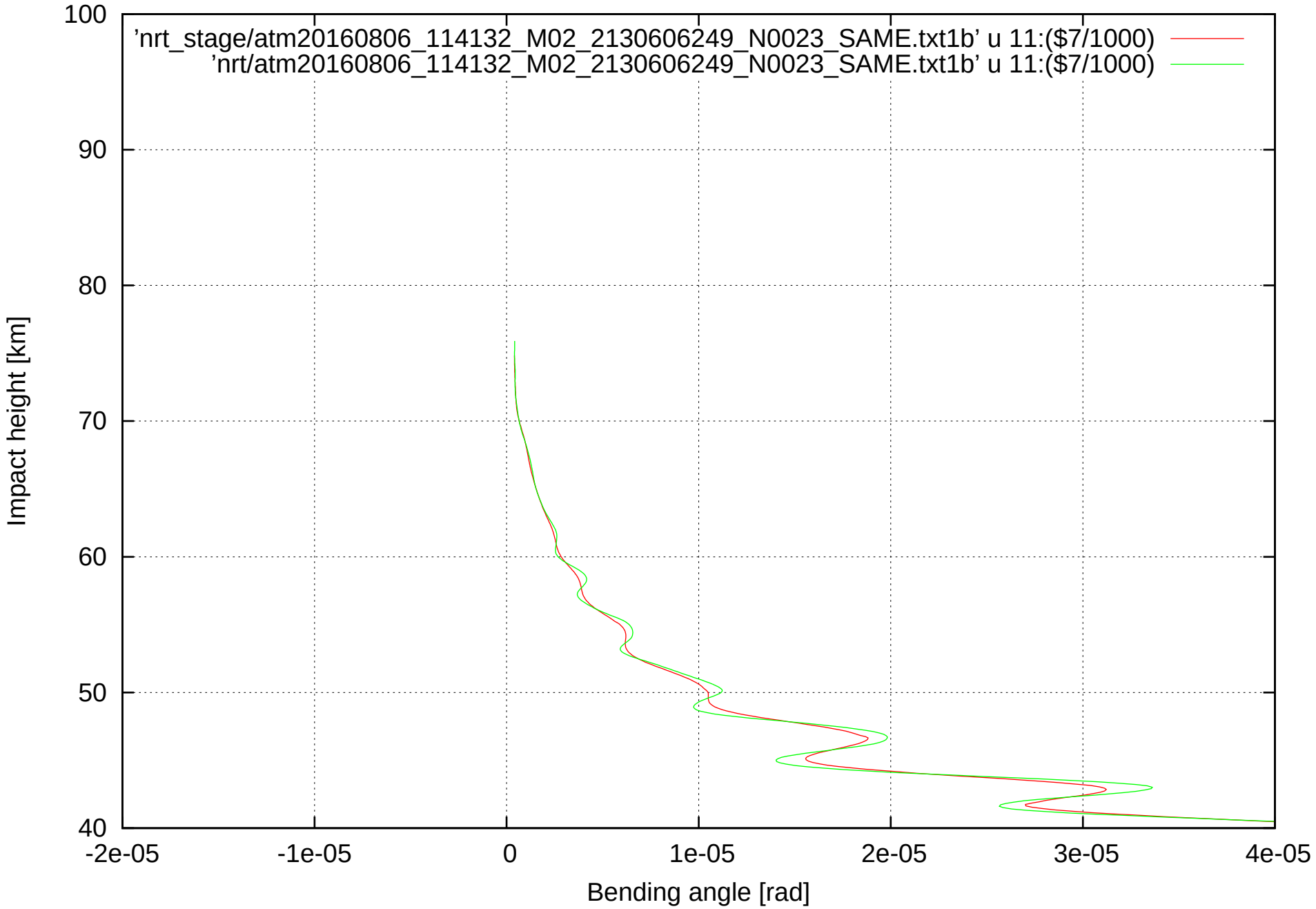

'nrt_stage/atm20160806_114132_M02_2130606249_N0023_ROPP.txt1b' u 10:($6/1000)
'nrt/atm20160806_114132_M02_2130606249_N0023_ROPP.txt1b' u 10:($6/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

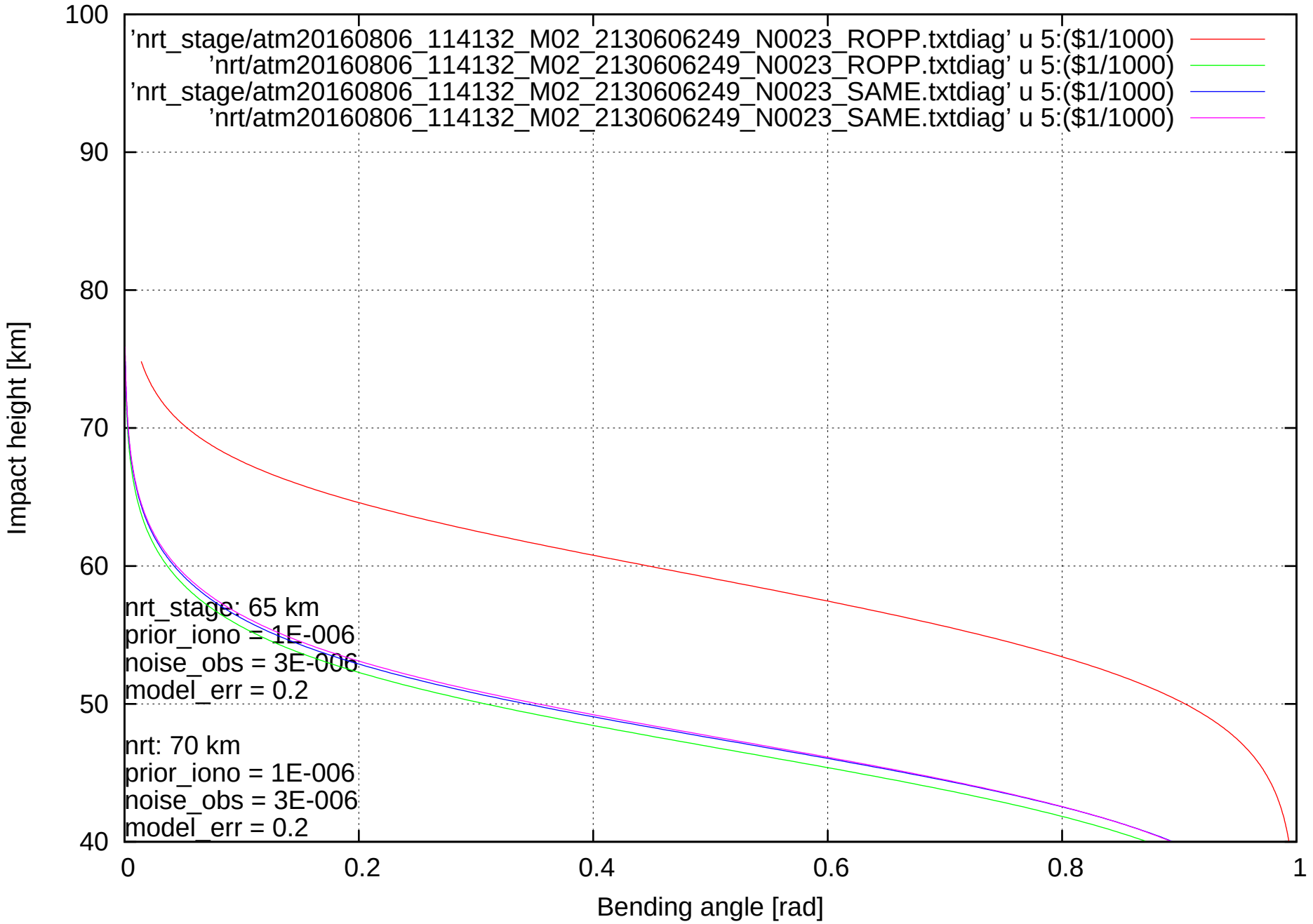

'nrt_stage/atm20160806_114132_M02_2130606249_N0023_PFIX.txt1b' u 11:($7/1000)
'nrt/atm20160806_114132_M02_2130606249_N0023_PFIX.txt1b' u 11:($7/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

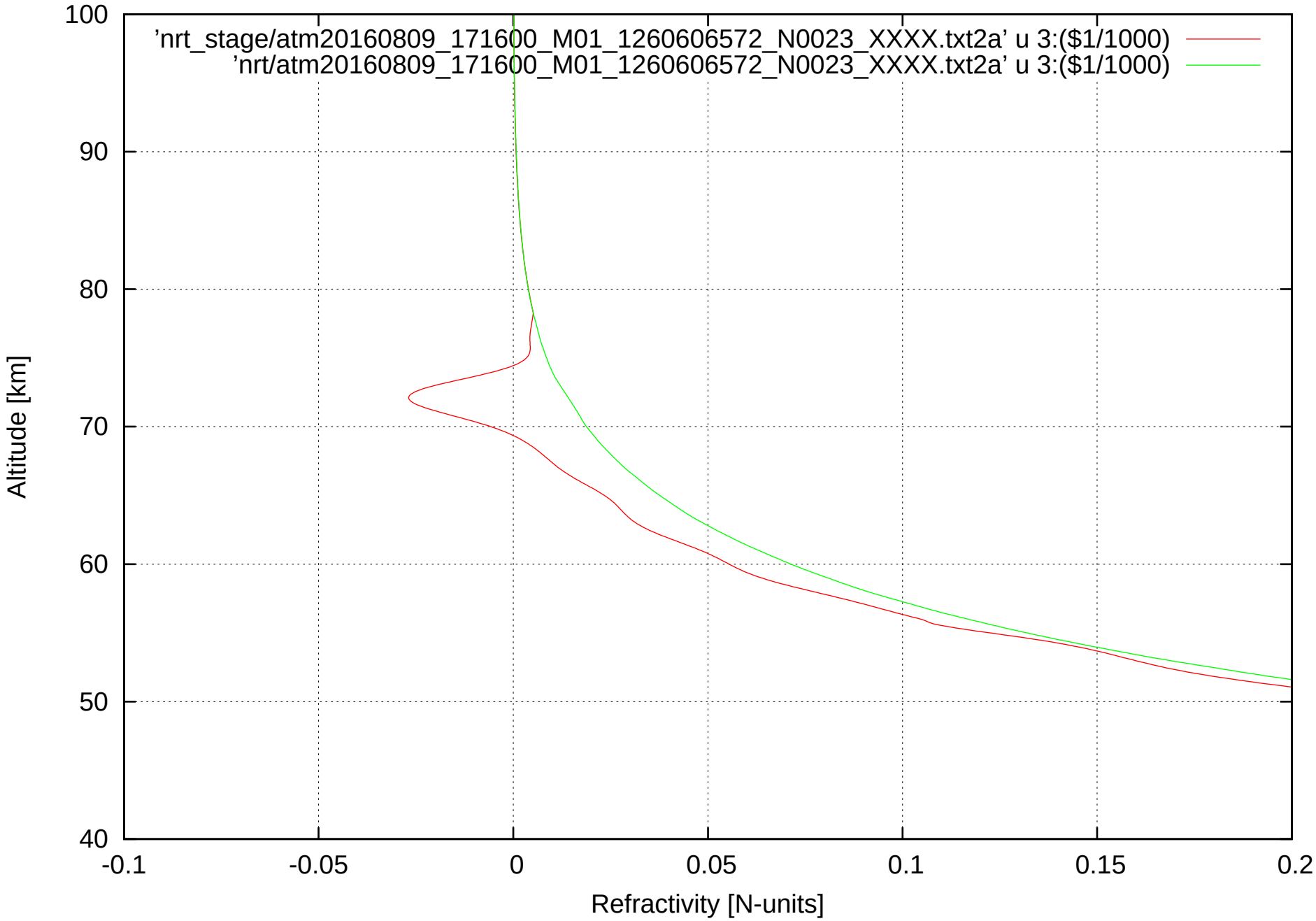

'nrt_stage/atm20160806_114132_M02_2130606249_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt/atm20160806_114132_M02_2130606249_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt_stage/atm20160806_114132_M02_2130606249_N0023_PFIX.txtdiag' u 5:($1/1000)
'nrt/atm20160806_114132_M02_2130606249_N0023_PFIX.txtdiag' u 5:($1/1000)
nrt_stage: 65 km
prior_iono = 1.692344244499396E-006
noise_obs = 8.964037674372021E-007
model_err = 0.250331140720605
nrt: 70 km
prior_iono = 7.183404994997179E-006
noise_obs = 5.584822573518179E-006
model_err = 0.310019508323506
Impact height [km]
Bending angle [rad]
100
90
80
70
60
50
40
0
0.2
0.4
0.6
0.8
1

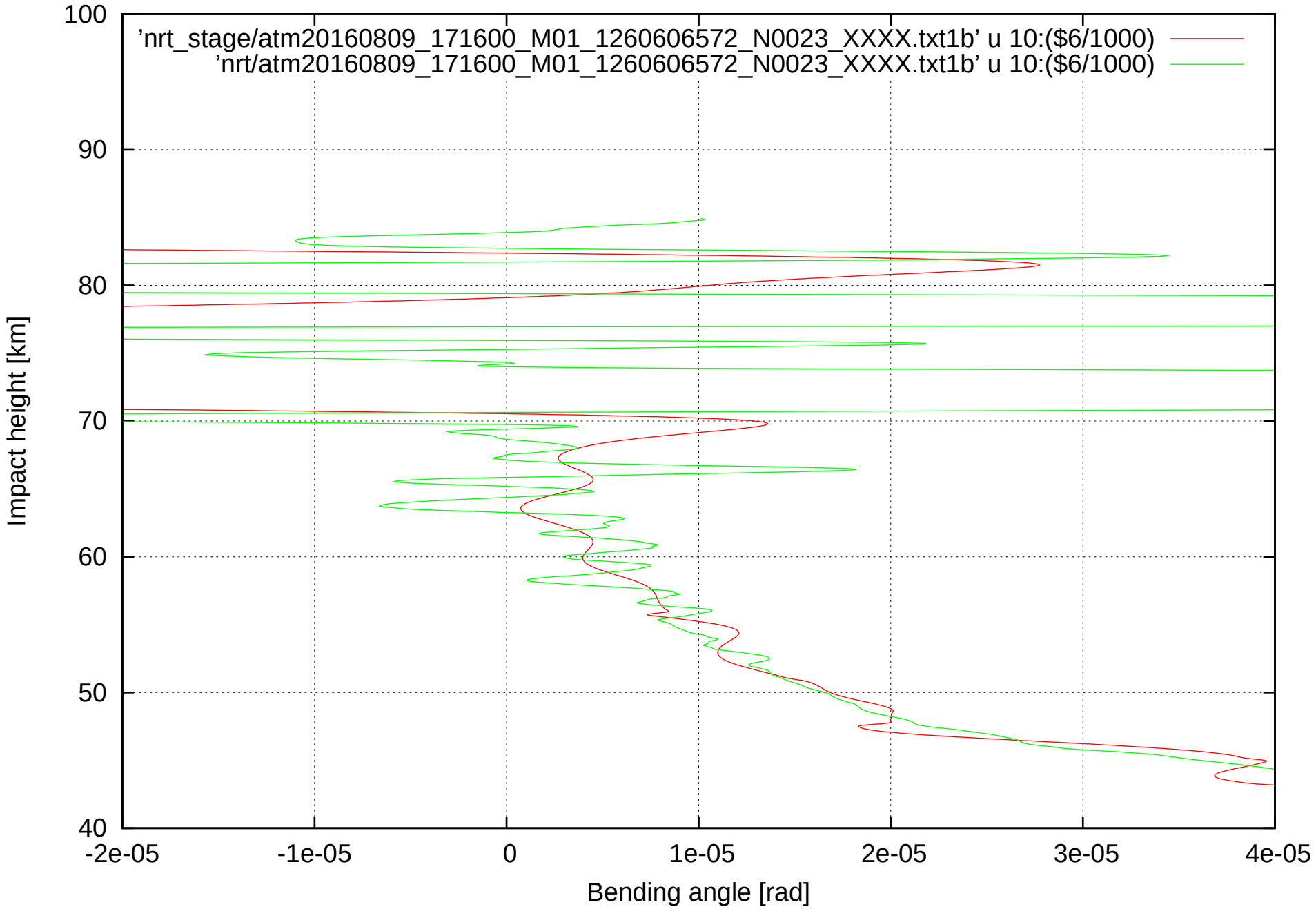

'nrt_stage/atm20160806_114132_M02_2130606249_N0023_HACK.txt1b' u 11:($7/1000)
'nrt/atm20160806_114132_M02_2130606249_N0023_HACK.txt1b' u 11:($7/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

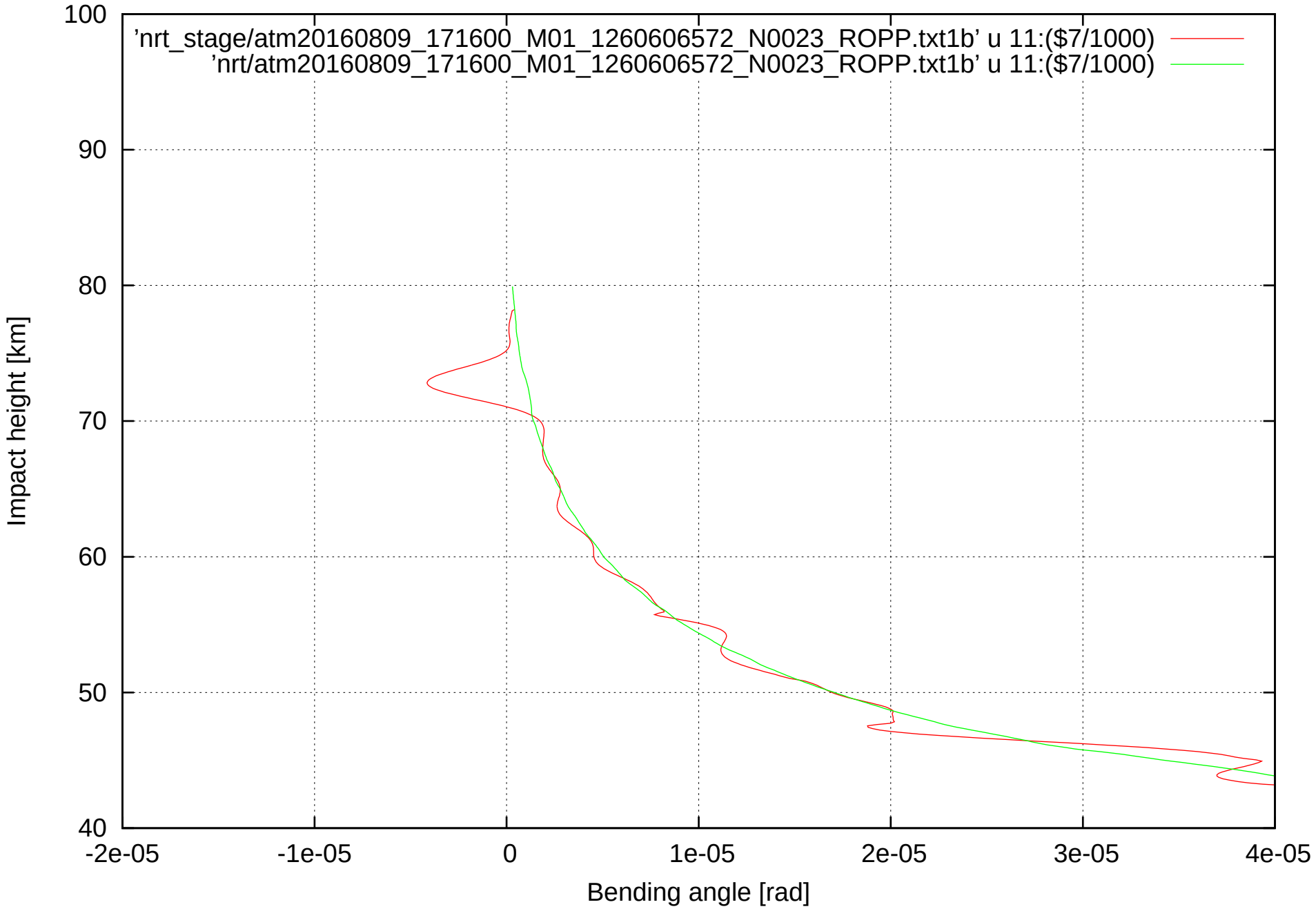

'nrt_stage/atm20160806_114132_M02_2130606249_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt/atm20160806_114132_M02_2130606249_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt_stage/atm20160806_114132_M02_2130606249_N0023_HACK.txtdiag' u 5:($1/1000)
'nrt/atm20160806_114132_M02_2130606249_N0023_HACK.txtdiag' u 5:($1/1000)
nrt_stage: 65 km
prior_iono = 1
noise_obs = 8.964037674372021E-007
model_err = 0.250331140720605
nrt: 70 km
prior_iono = 1
noise_obs = 5.584822573518179E-006
model_err = 0.310019508323506
Impact height [km]
Bending angle [rad]
100
90
80
70
60
50
40
0
0.2
0.4
0.6
0.8
1

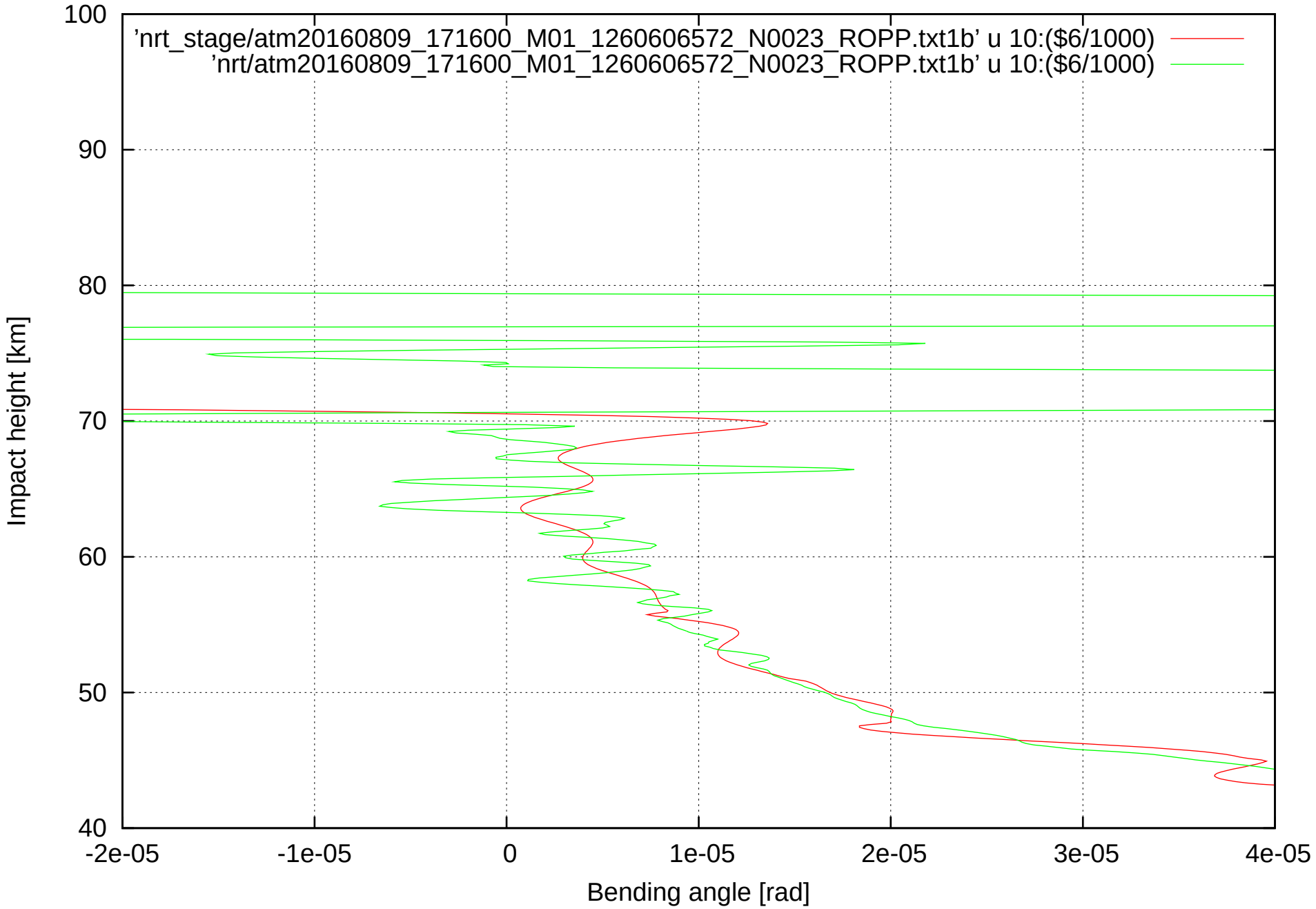

'nrt_stage/atm20160806_114132_M02_2130606249_N0023_SAME.txt1b' u 11:($7/1000)
'nrt/atm20160806_114132_M02_2130606249_N0023_SAME.txt1b' u 11:($7/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

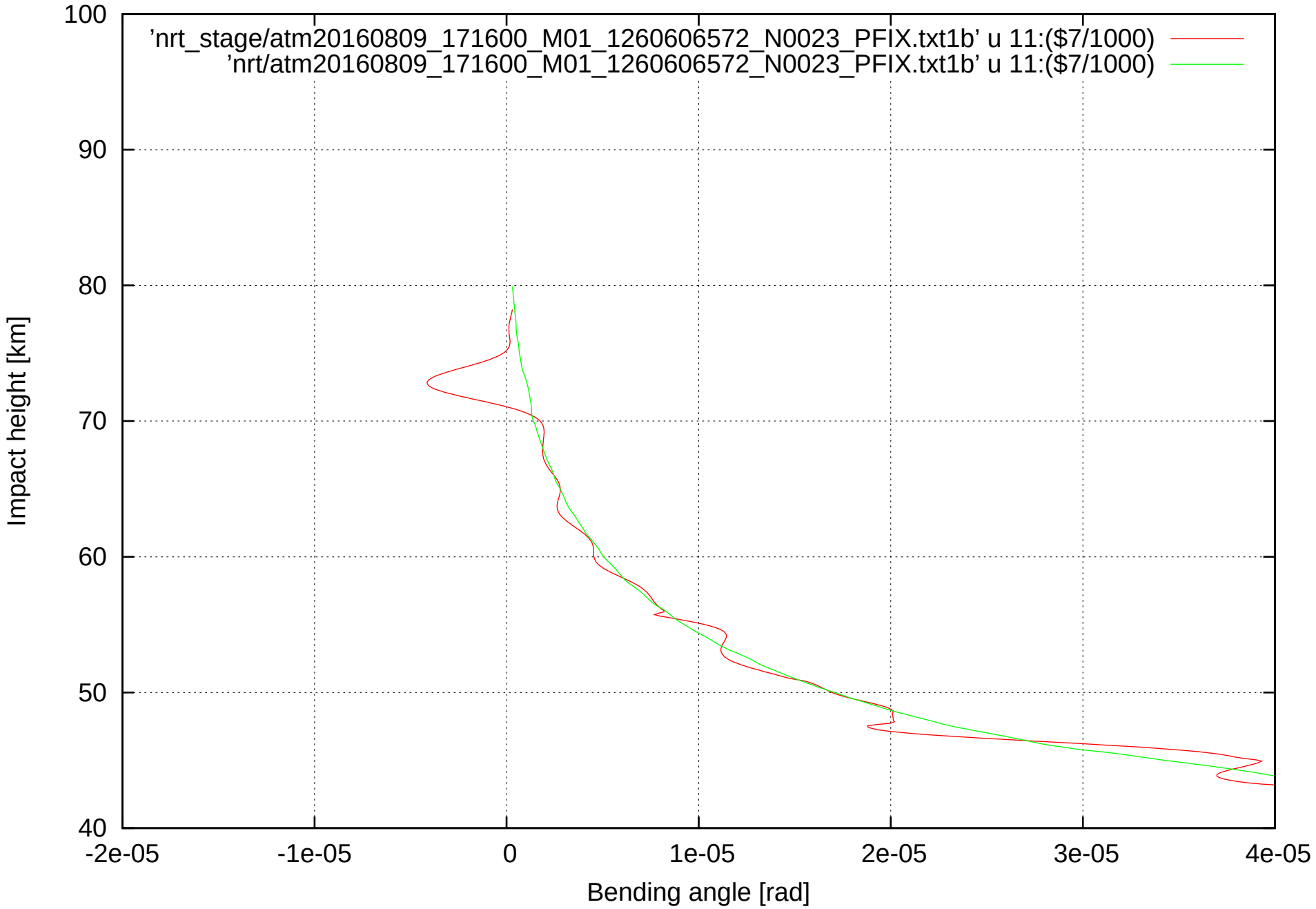

'nrt_stage/atm20160806_114132_M02_2130606249_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt/atm20160806_114132_M02_2130606249_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt_stage/atm20160806_114132_M02_2130606249_N0023_SAME.txtdiag' u 5:($1/1000)
'nrt/atm20160806_114132_M02_2130606249_N0023_SAME.txtdiag' u 5:($1/1000)
nrt_stage: 65 km
prior_iono = 1E-006
noise_obs = 3E-006
model_err = 0.2
nrt: 70 km
prior_iono = 1E-006
noise_obs = 3E-006
model_err = 0.2
Impact height [km]
Bending angle [rad]
100
90
80
70
60
50
40
0
0.2
0.4
0.6
0.8
1

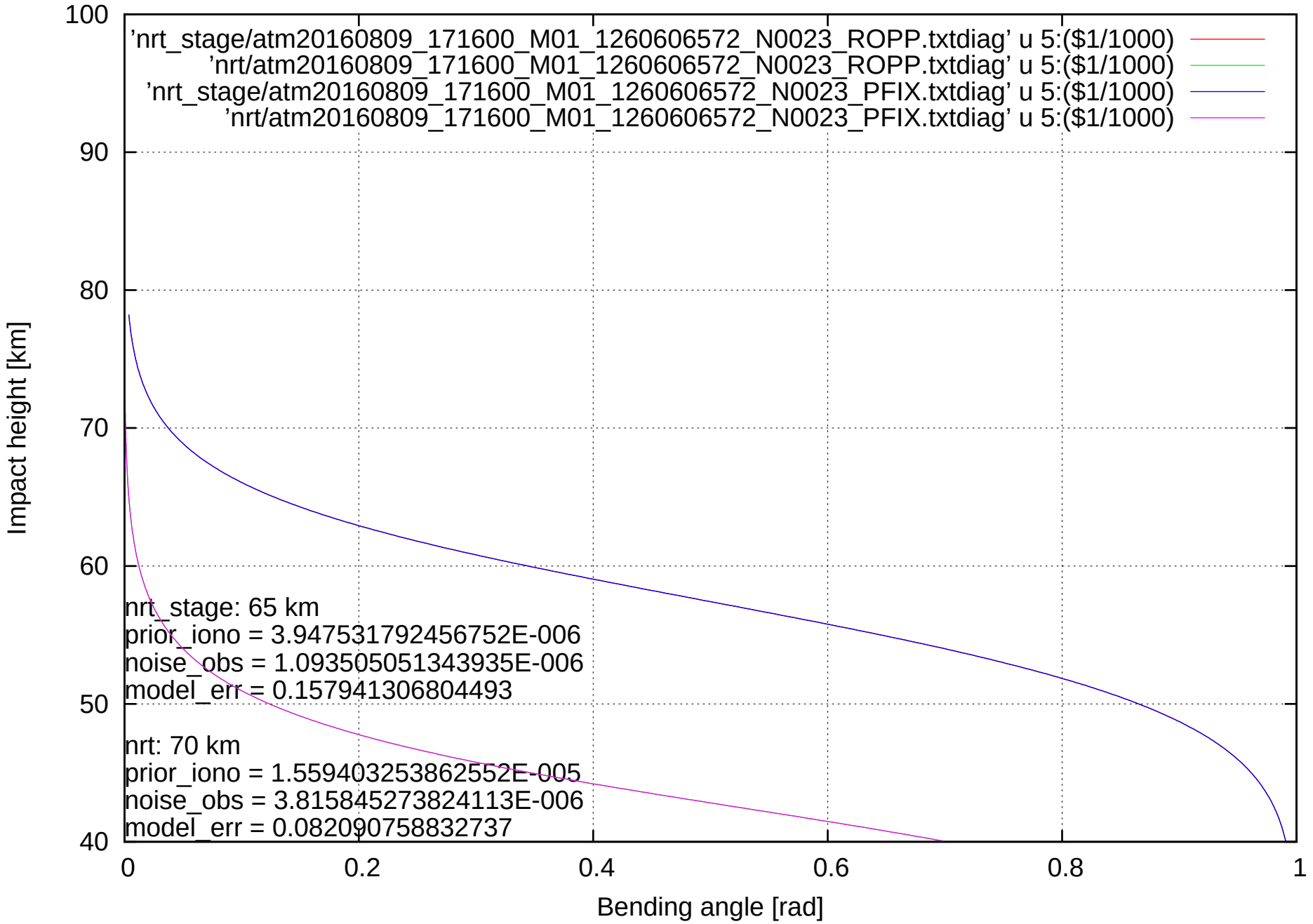

'nrt_stage/atm20160809_171600_M01_1260606572_N0023_XXXX.txt2a' u 3:($1/1000)
'nrt/atm20160809_171600_M01_1260606572_N0023_XXXX.txt2a' u 3:($1/1000)
Altitude [km]
100
90
80
70
60
50
40
-0.1
-0.05
0
0.05
0.1
0.15
0.2
Refractivity [N-units]

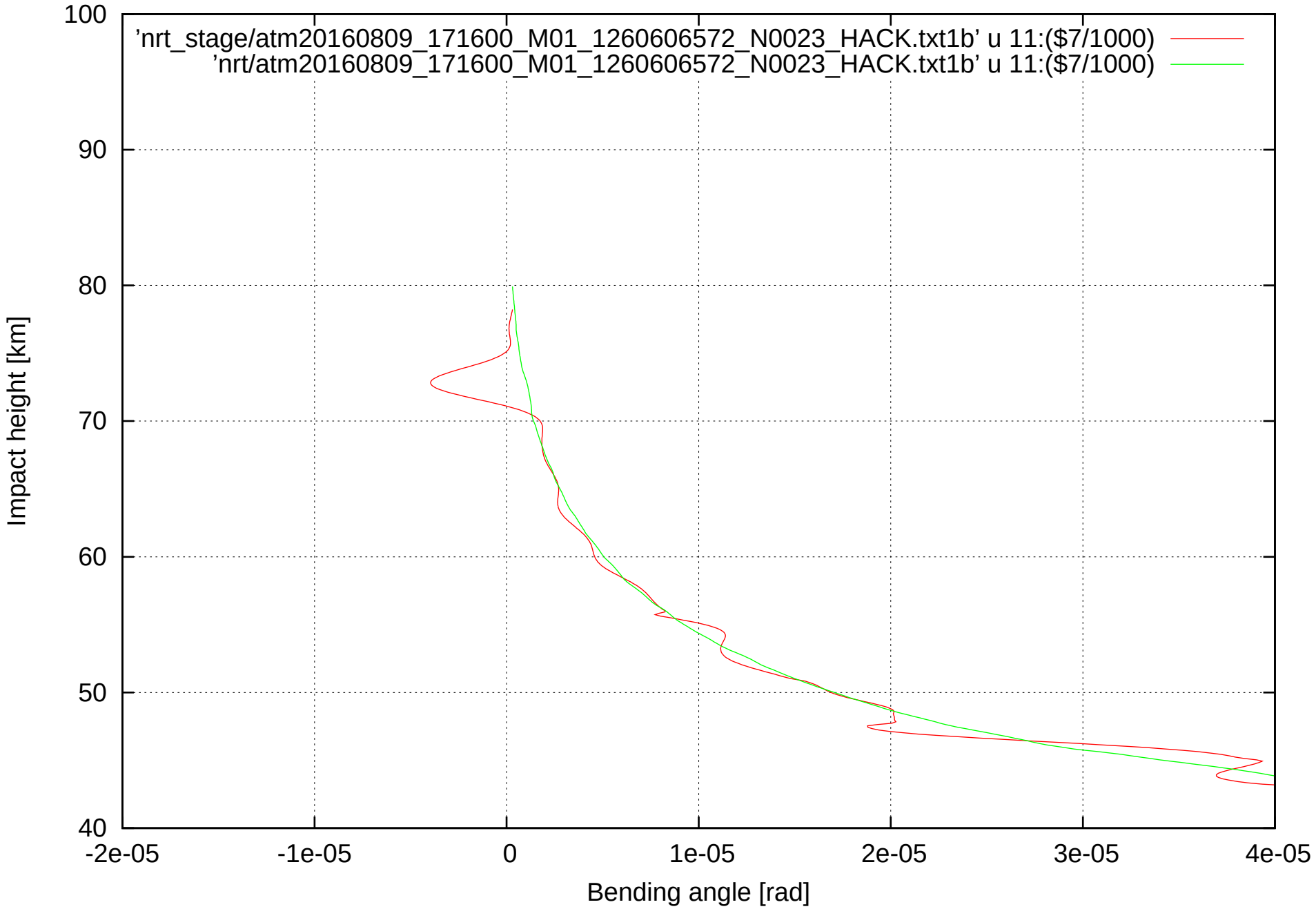

'nrt_stage/atm20160809_171600_M01_1260606572_N0023_XXXX.txt1b' u 10:($6/1000)
'nrt/atm20160809_171600_M01_1260606572_N0023_XXXX.txt1b' u 10:($6/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

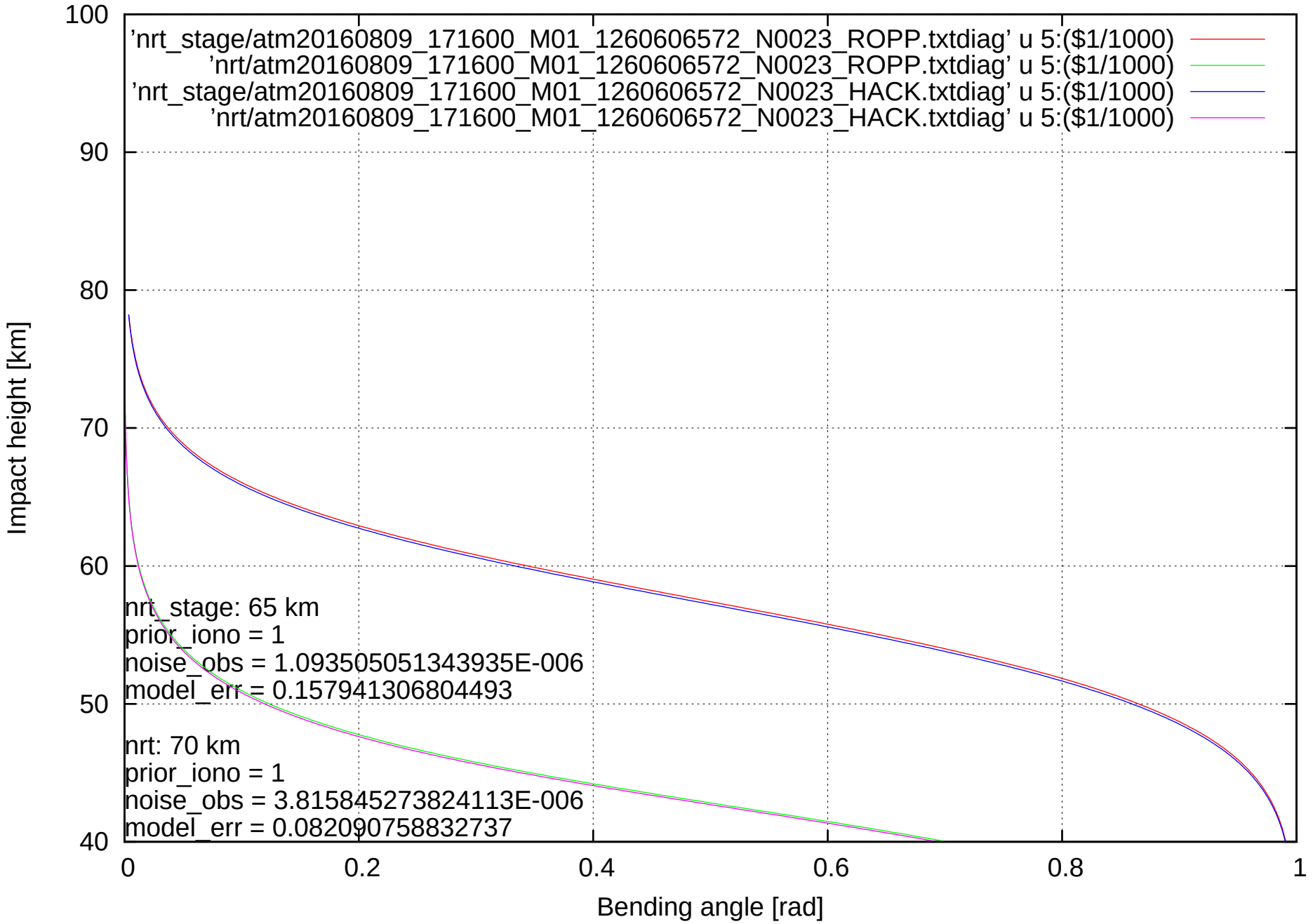

'nrt_stage/atm20160809_171600_M01_1260606572_N0023_ROPP.txt1b' u 11:($7/1000)
'nrt/atm20160809_171600_M01_1260606572_N0023_ROPP.txt1b' u 11:($7/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

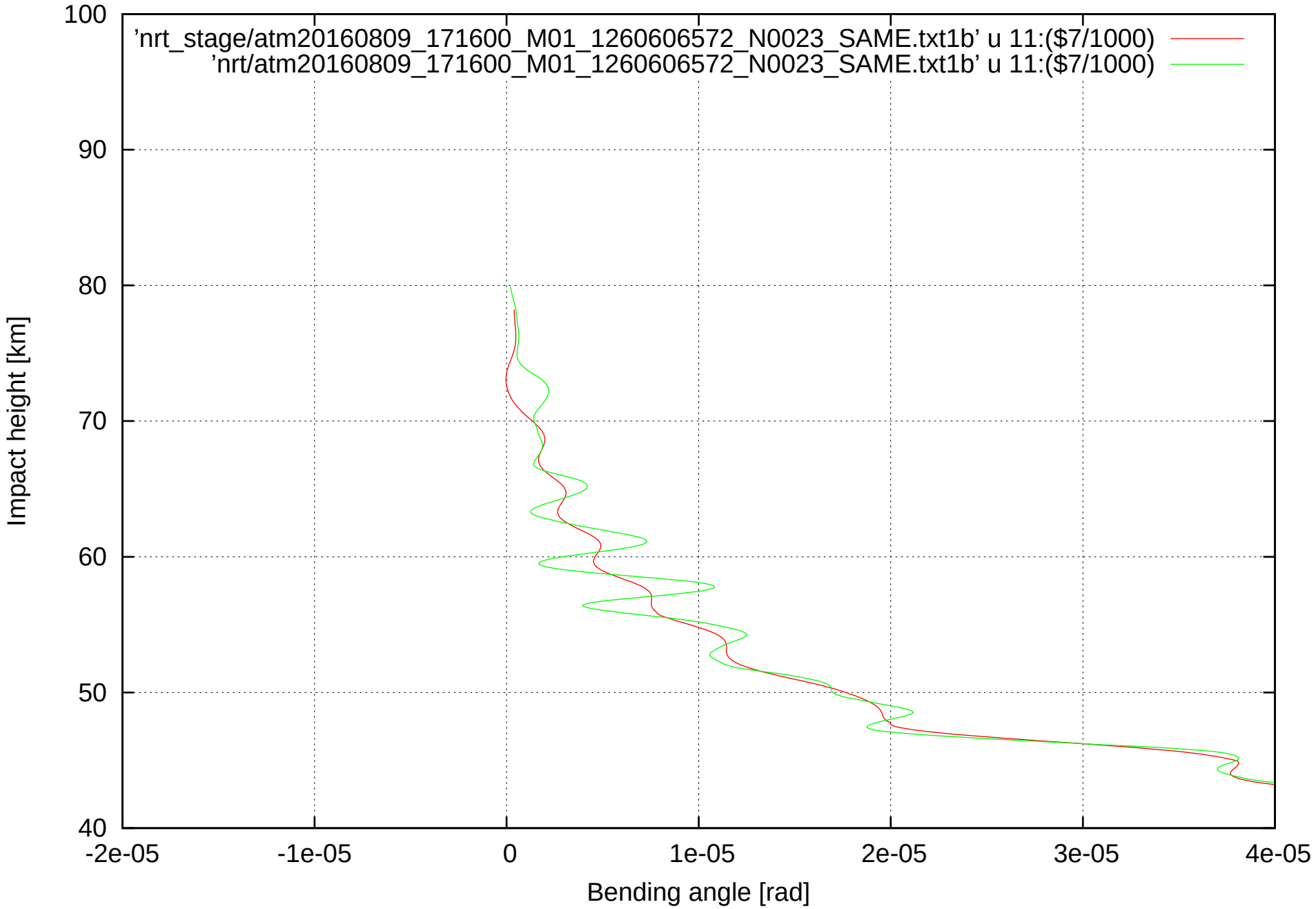

'nrt_stage/atm20160809_171600_M01_1260606572_N0023_ROPP.txt1b' u 10:($6/1000)
'nrt/atm20160809_171600_M01_1260606572_N0023_ROPP.txt1b' u 10:($6/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

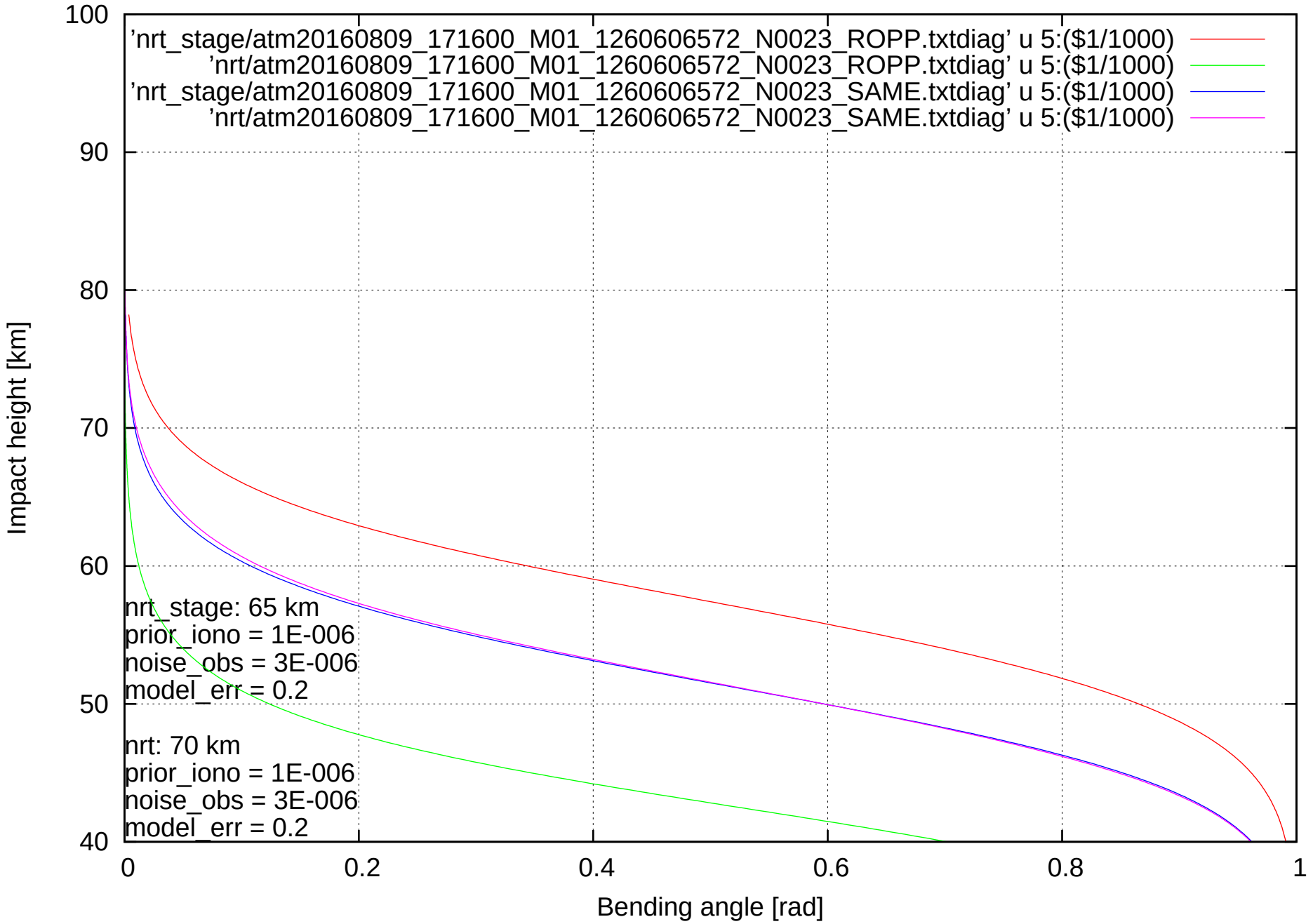

'nrt_stage/atm20160809_171600_M01_1260606572_N0023_PFIX.txt1b' u 11:($7/1000)
'nrt/atm20160809_171600_M01_1260606572_N0023_PFIX.txt1b' u 11:($7/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

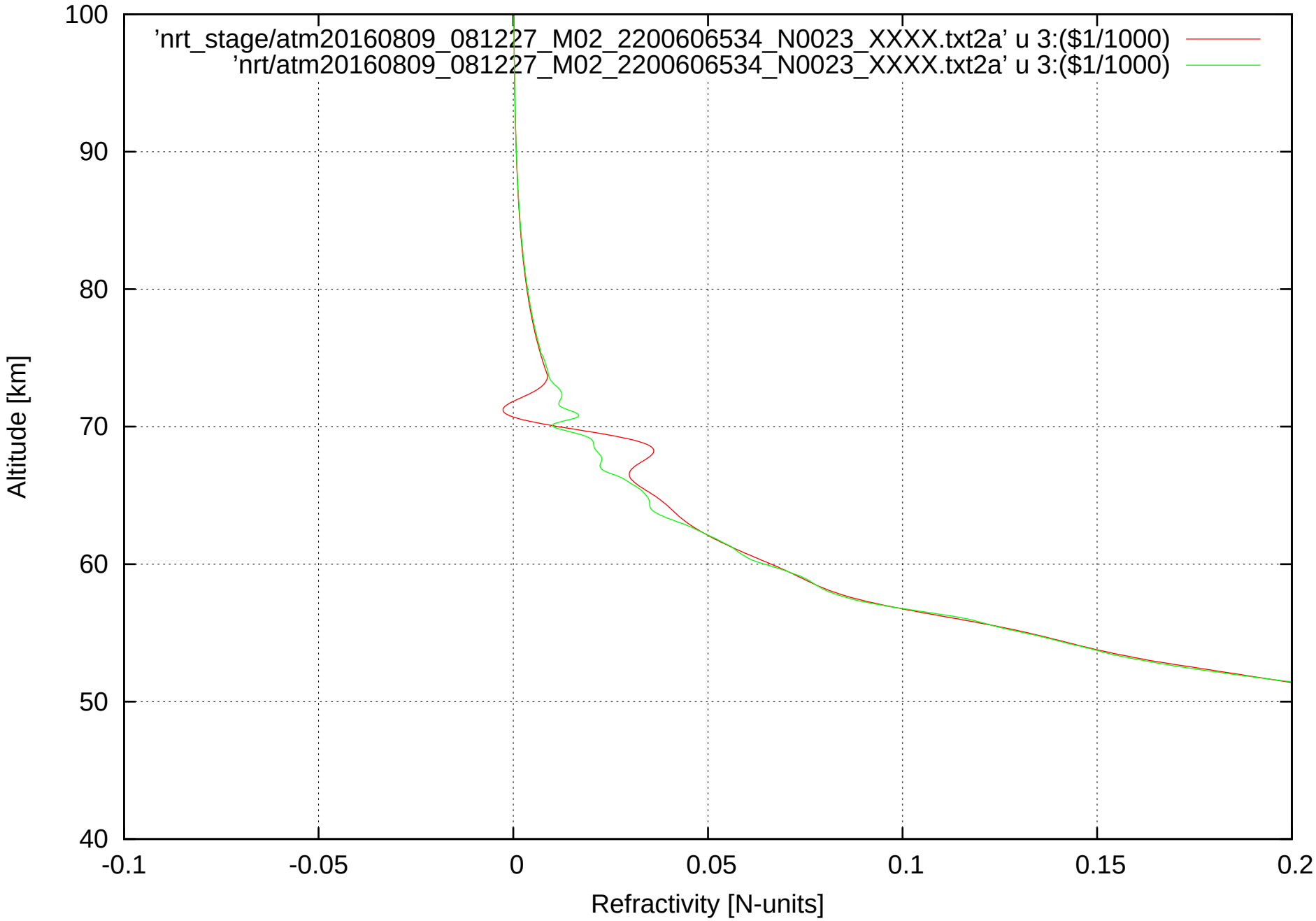

'nrt_stage/atm20160809_171600_M01_1260606572_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt/atm20160809_171600_M01_1260606572_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt_stage/atm20160809_171600_M01_1260606572_N0023_PFIX.txtdiag' u 5:($1/1000)
'nrt/atm20160809_171600_M01_1260606572_N0023_PFIX.txtdiag' u 5:($1/1000)
nrt_stage: 65 km
prior_iono = 3.947531792456752E-006
noise_obs = 1.093505051343935E-006
model_err = 0.157941306804493
nrt: 70 km
prior_iono = 1.559403253862552E-005
noise_obs = 3.815845273824113E-006
model_err = 0.082090758832737
Impact height [km]
Bending angle [rad]
100
90
80
70
60
50
40
0
0.2
0.4
0.6
0.8
1

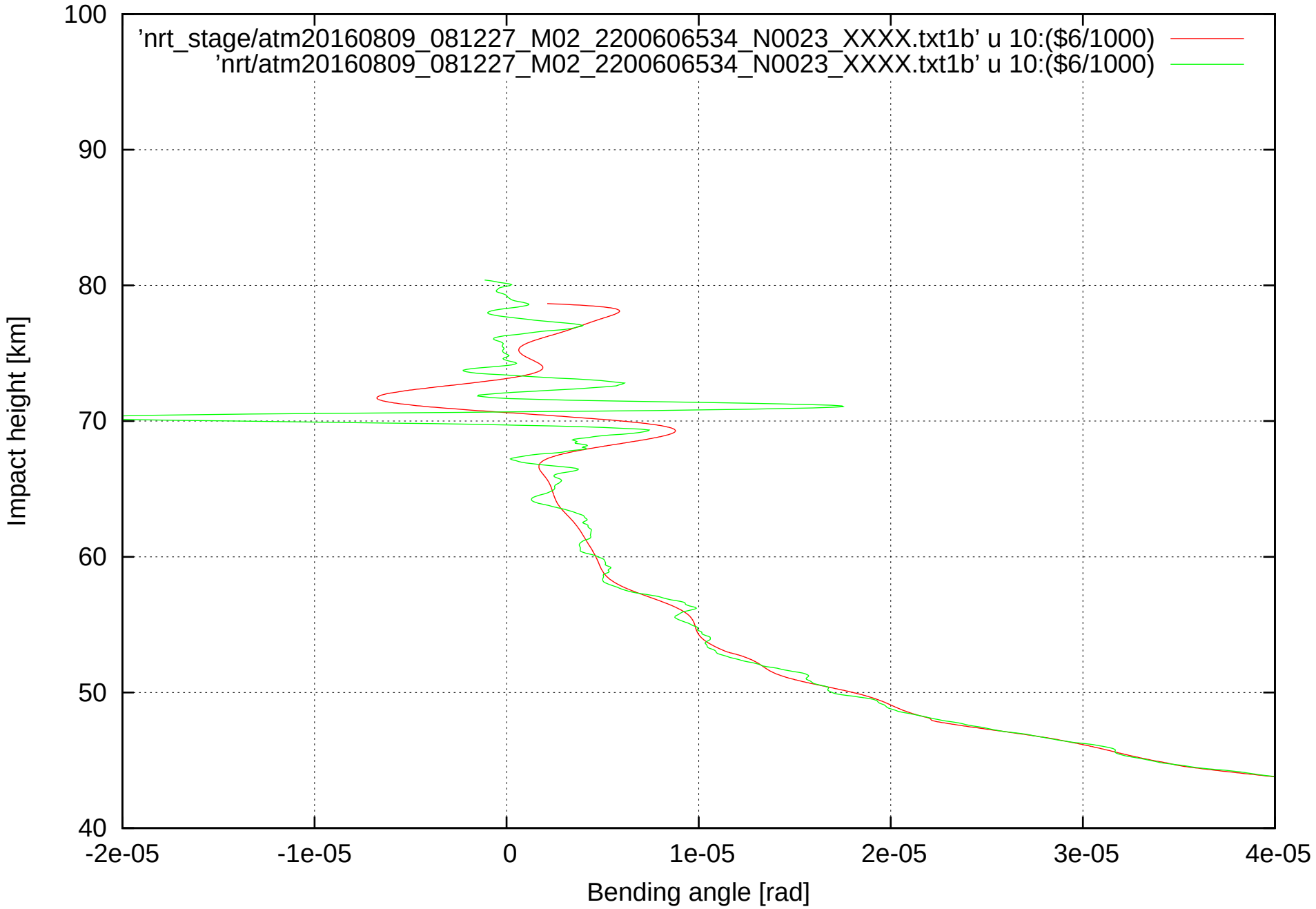

'nrt_stage/atm20160809_171600_M01_1260606572_N0023_HACK.txt1b' u 11:($7/1000)
'nrt/atm20160809_171600_M01_1260606572_N0023_HACK.txt1b' u 11:($7/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

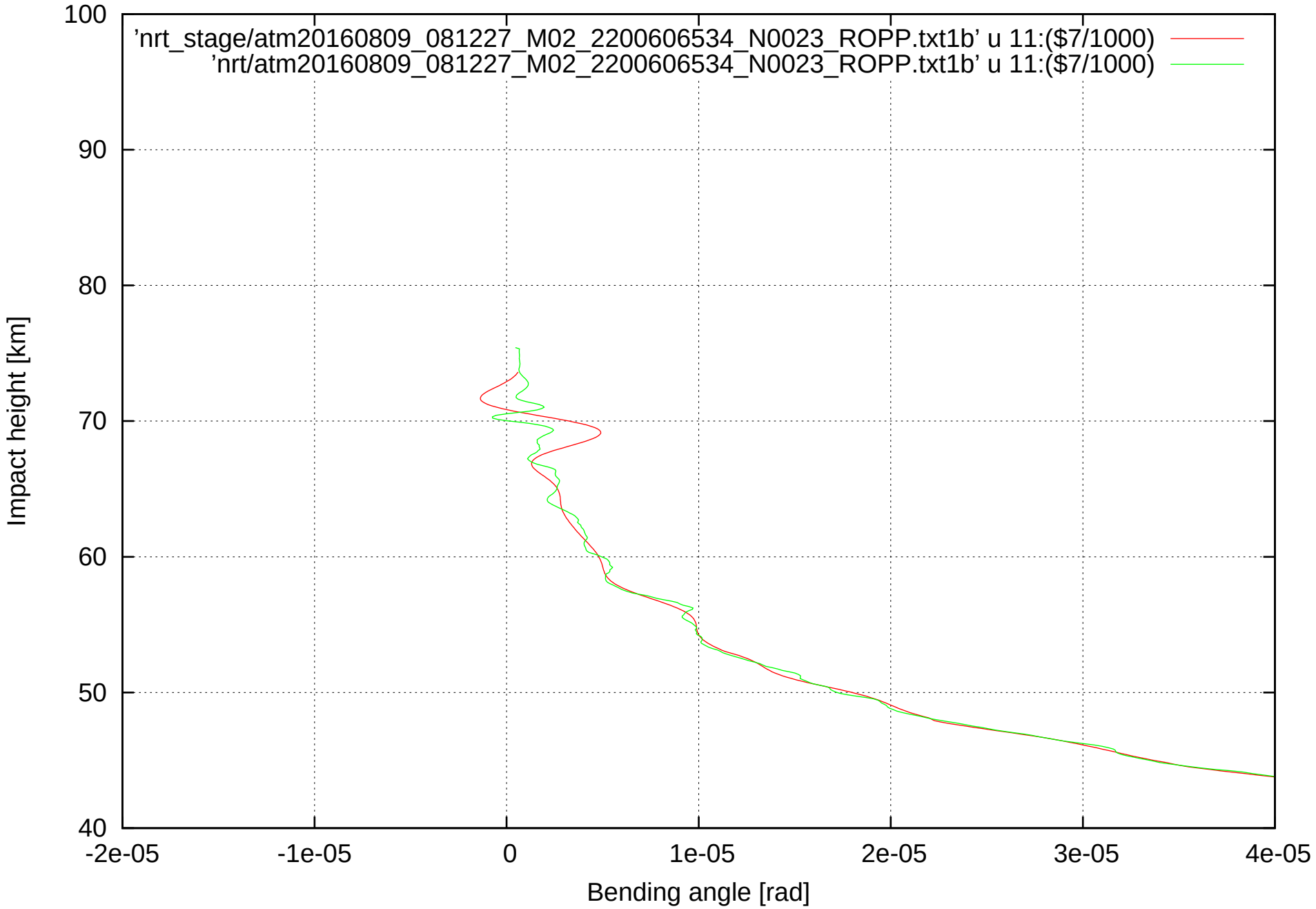

'nrt_stage/atm20160809_171600_M01_1260606572_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt/atm20160809_171600_M01_1260606572_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt_stage/atm20160809_171600_M01_1260606572_N0023_HACK.txtdiag' u 5:($1/1000)
'nrt/atm20160809_171600_M01_1260606572_N0023_HACK.txtdiag' u 5:($1/1000)
nrt_stage: 65 km
prior_iono = 1
noise_obs = 1.093505051343935E-006
model_err = 0.157941306804493
nrt: 70 km
prior_iono = 1
noise_obs = 3.815845273824113E-006
model_err = 0.082090758832737
Impact height [km]
Bending angle [rad]
100
90
80
70
60
50
40
0
0.2
0.4
0.6
0.8
1

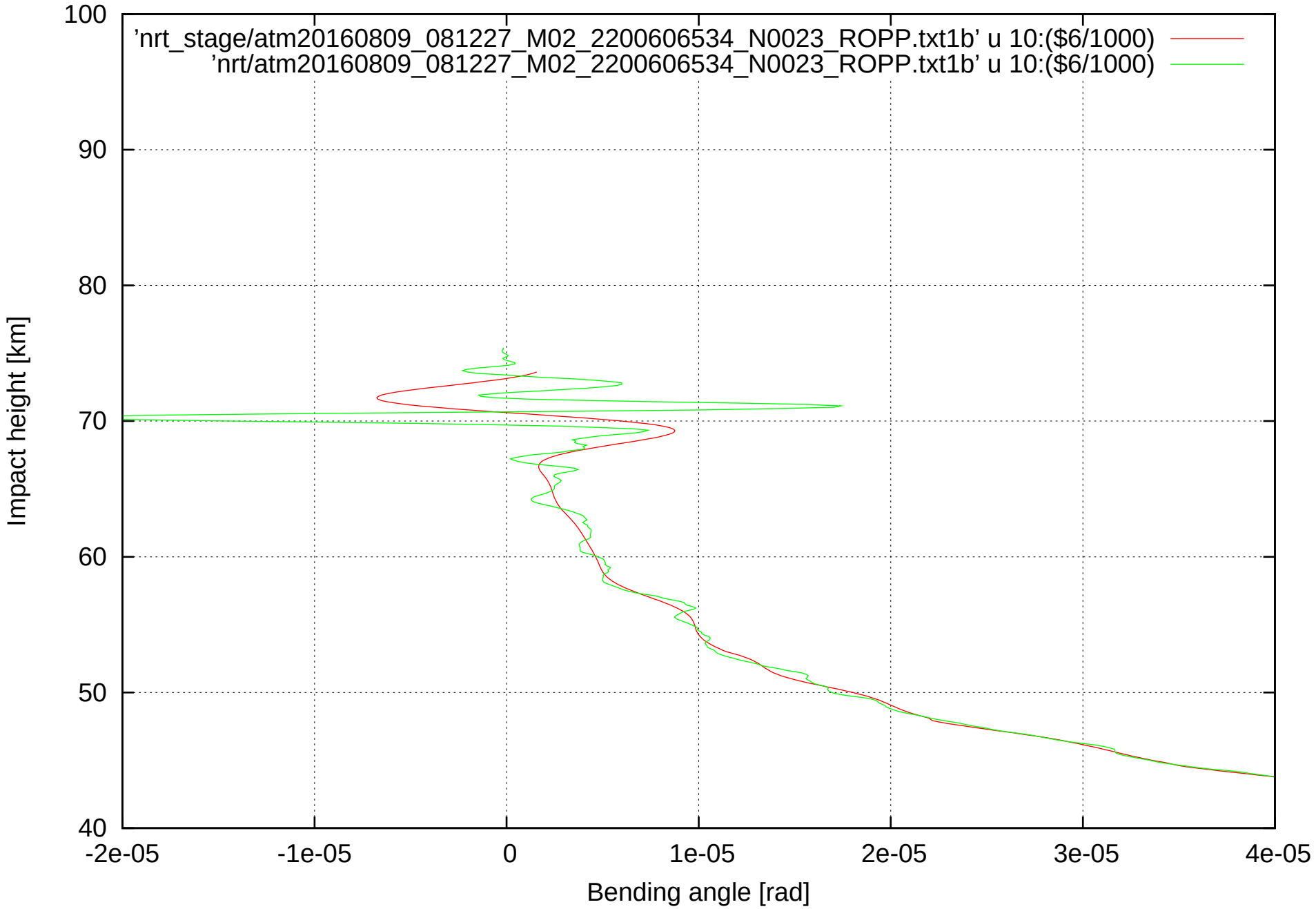

'nrt_stage/atm20160809_171600_M01_1260606572_N0023_SAME.txt1b' u 11:($7/1000)
'nrt/atm20160809_171600_M01_1260606572_N0023_SAME.txt1b' u 11:($7/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

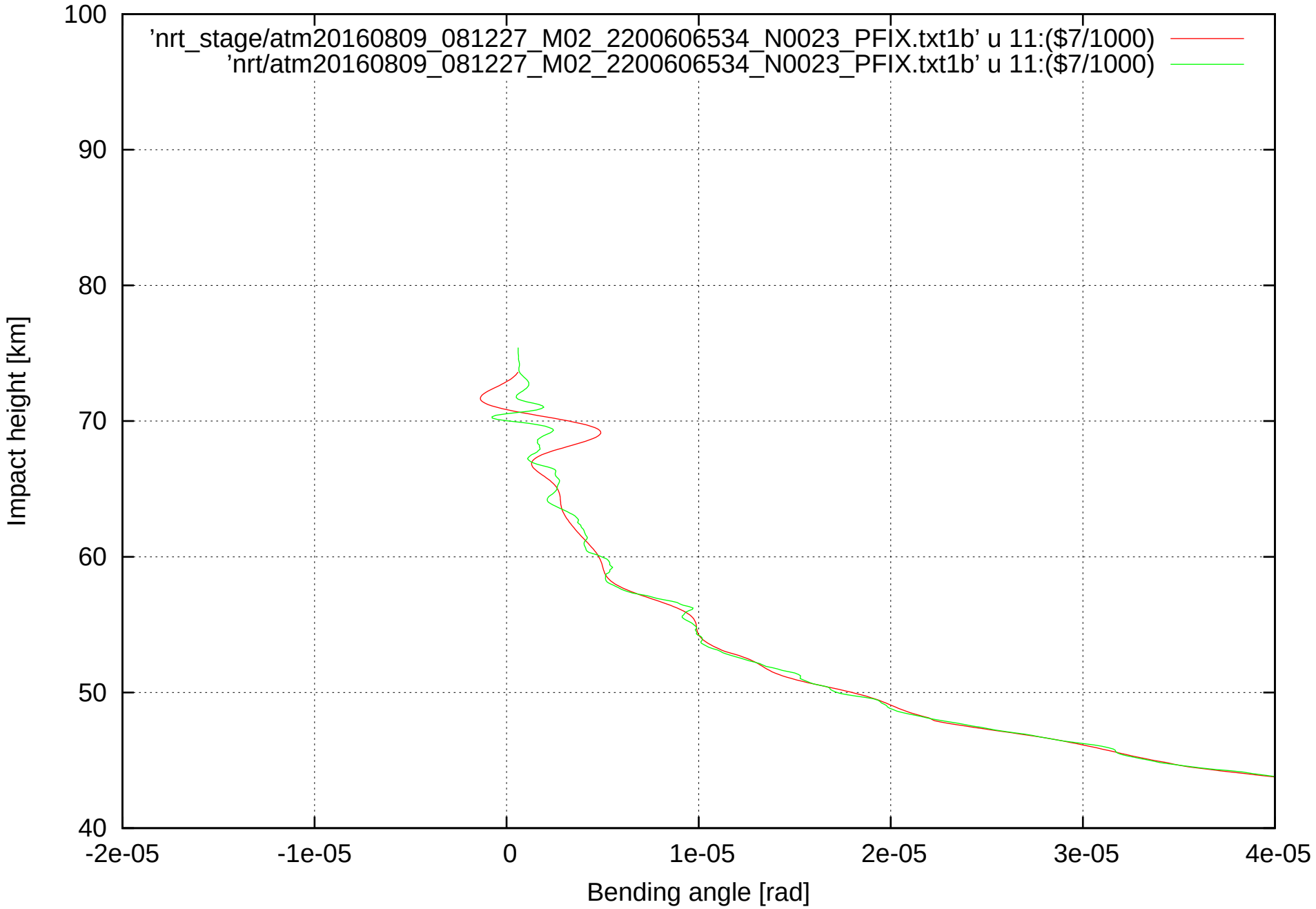

'nrt_stage/atm20160809_171600_M01_1260606572_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt/atm20160809_171600_M01_1260606572_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt_stage/atm20160809_171600_M01_1260606572_N0023_SAME.txtdiag' u 5:($1/1000)
'nrt/atm20160809_171600_M01_1260606572_N0023_SAME.txtdiag' u 5:($1/1000)
nrt_stage: 65 km
prior_iono = 1E-006
noise_obs = 3E-006
model_err = 0.2
nrt: 70 km
prior_iono = 1E-006
noise_obs = 3E-006
model_err = 0.2
Impact height [km]
Bending angle [rad]
100
90
80
70
60
50
40
0
0.2
0.4
0.6
0.8
1

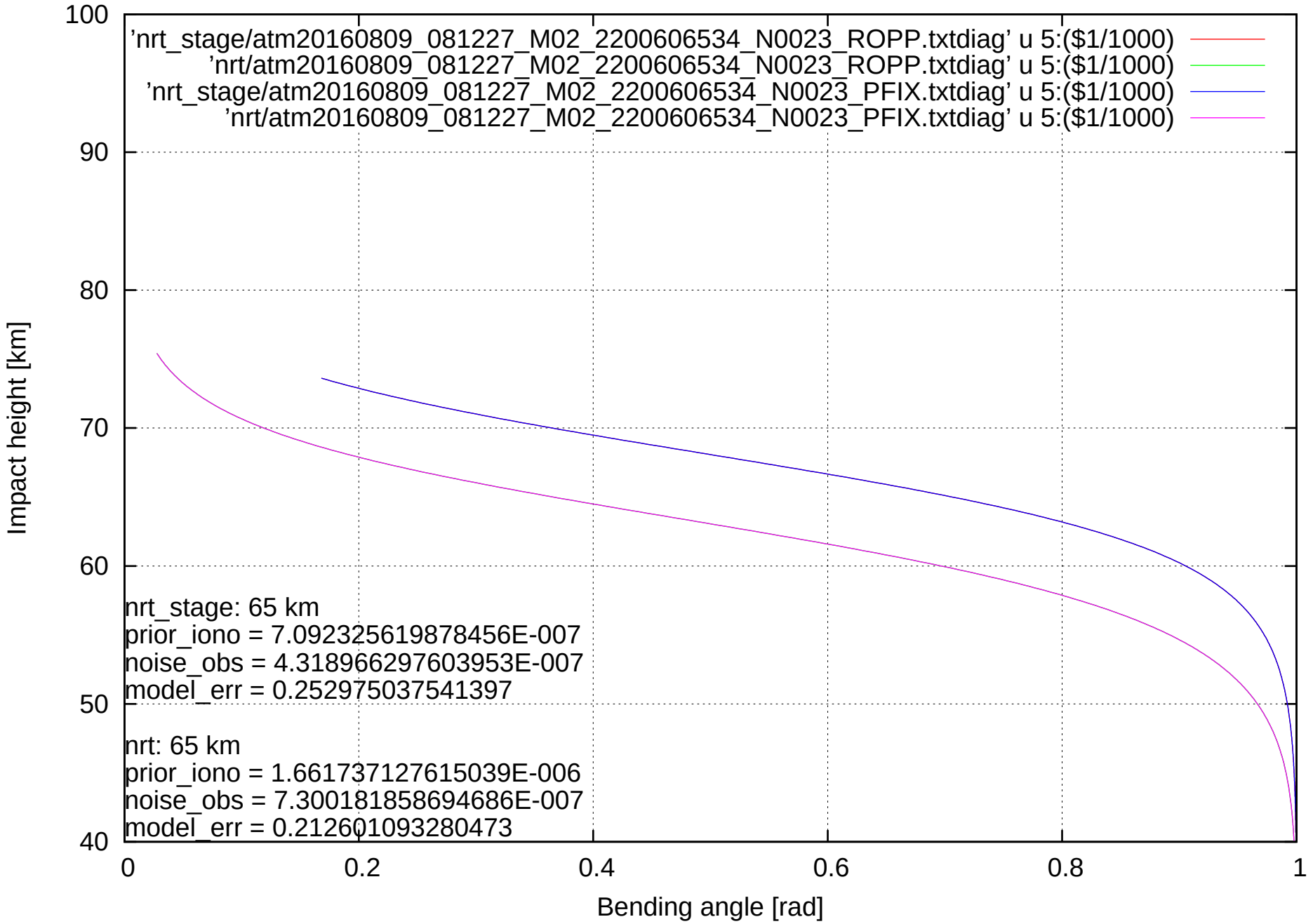

'nrt_stage/atm20160809_081227_M02_2200606534_N0023_XXXX.txt2a' u 3:($1/1000)
'nrt/atm20160809_081227_M02_2200606534_N0023_XXXX.txt2a' u 3:($1/1000)
Altitude [km]
100
90
80
70
60
50
40
-0.1
-0.05
0
0.05
0.1
0.15
0.2
Refractivity [N-units]

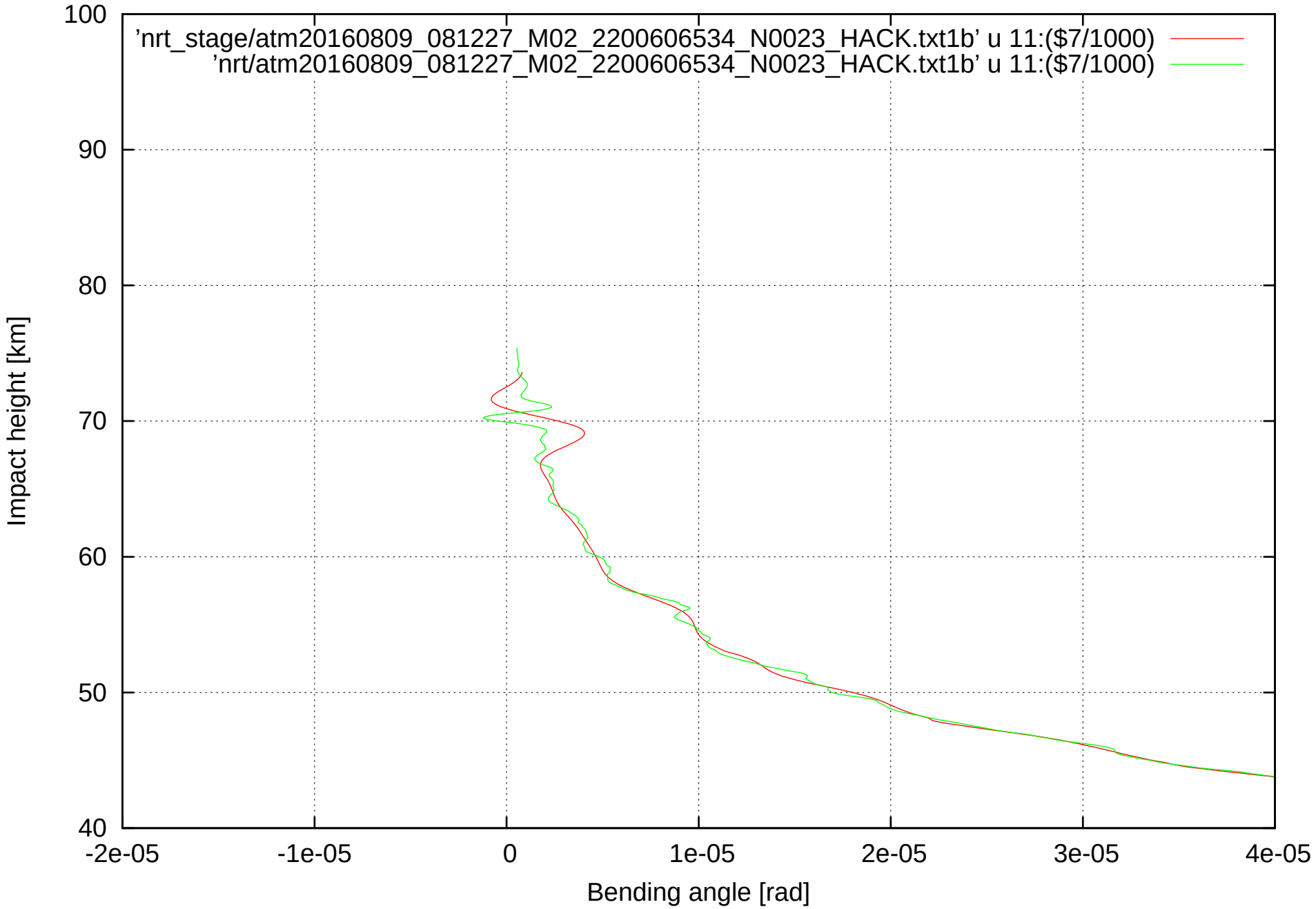

'nrt_stage/atm20160809_081227_M02_2200606534_N0023_XXXX.txt1b' u 10:($6/1000)
'nrt/atm20160809_081227_M02_2200606534_N0023_XXXX.txt1b' u 10:($6/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

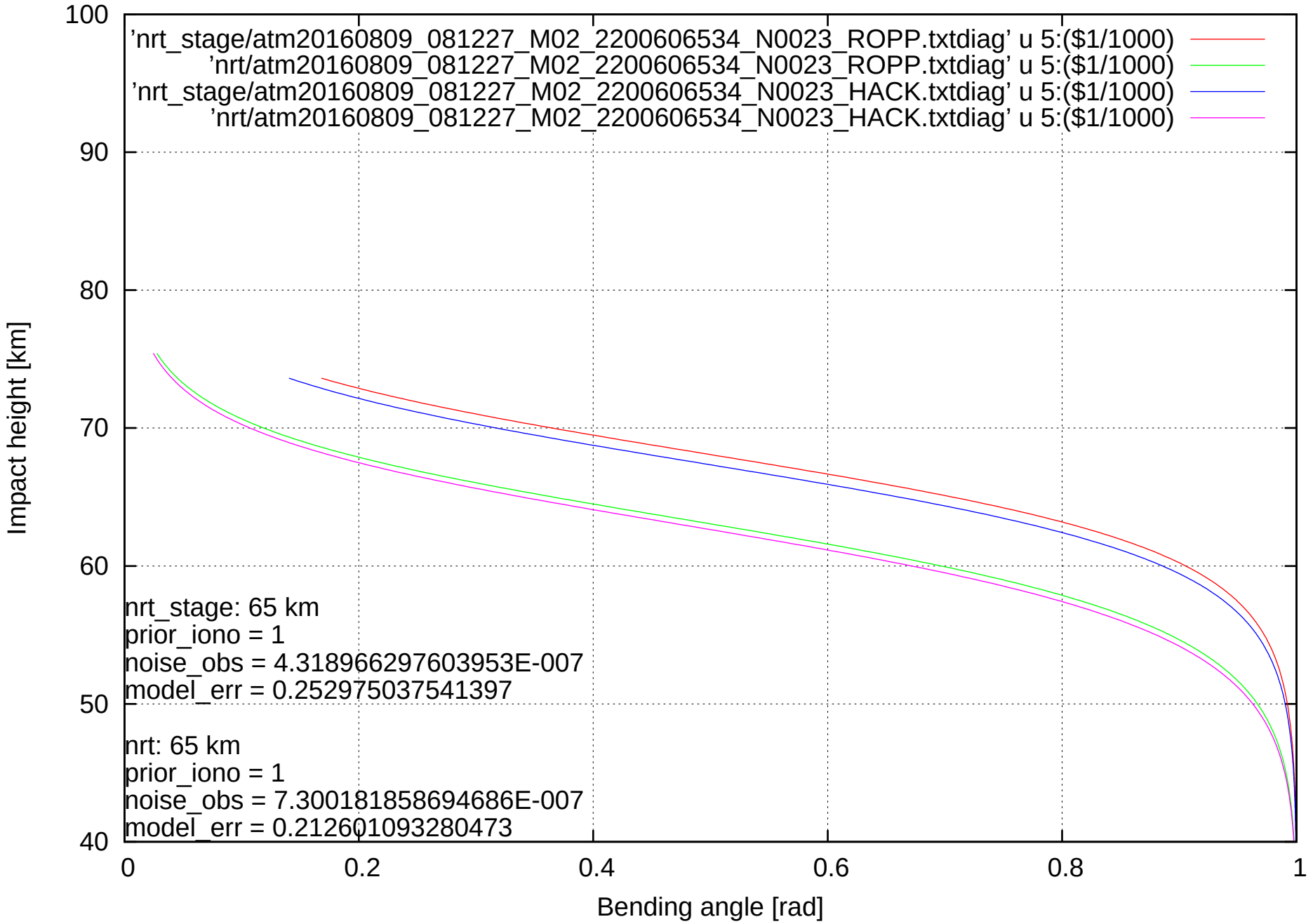

'nrt_stage/atm20160809_081227_M02_2200606534_N0023_ROPP.txt1b' u 11:($7/1000)
'nrt/atm20160809_081227_M02_2200606534_N0023_ROPP.txt1b' u 11:($7/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

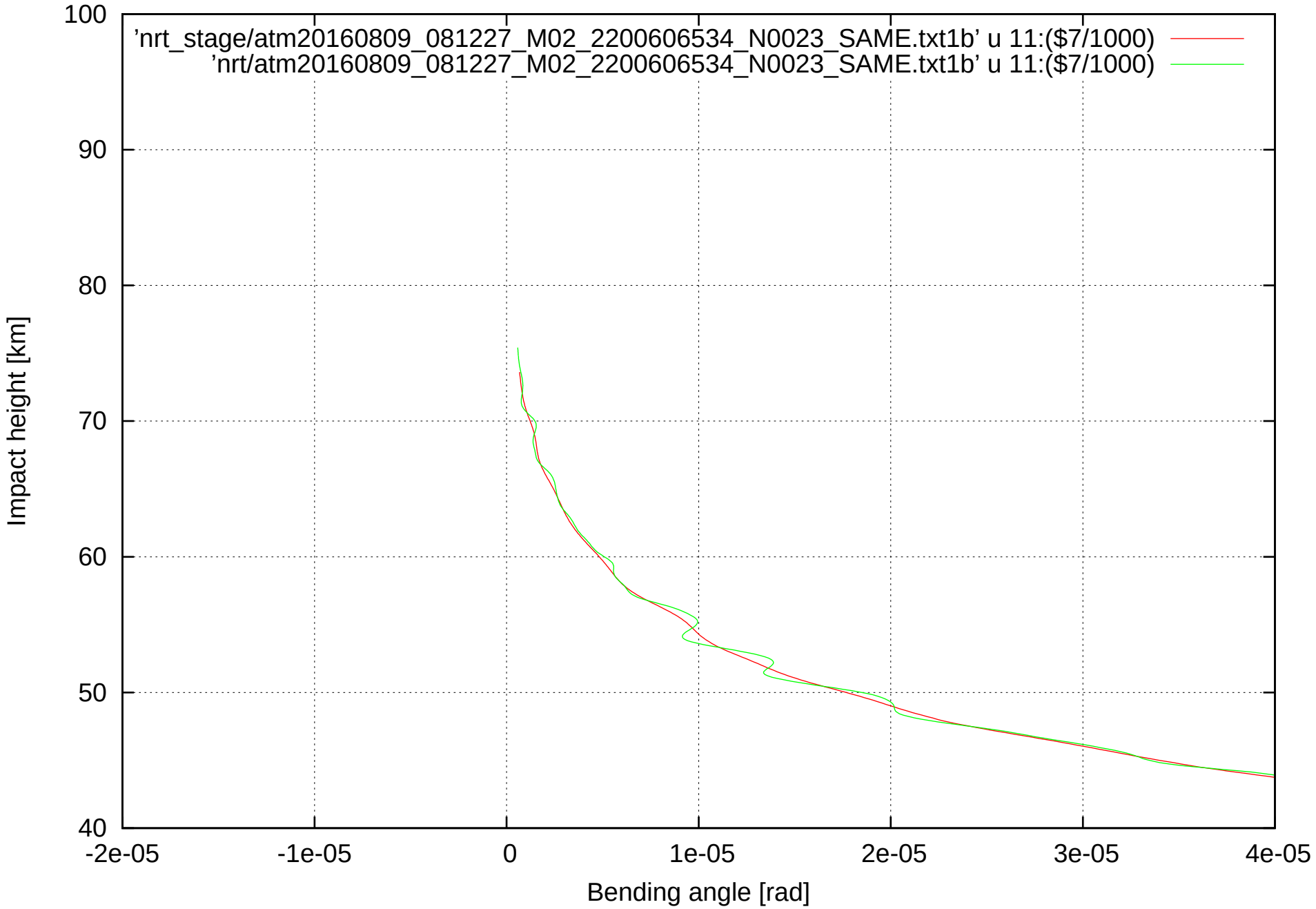

'nrt_stage/atm20160809_081227_M02_2200606534_N0023_ROPP.txt1b' u 10:($6/1000)
'nrt/atm20160809_081227_M02_2200606534_N0023_ROPP.txt1b' u 10:($6/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

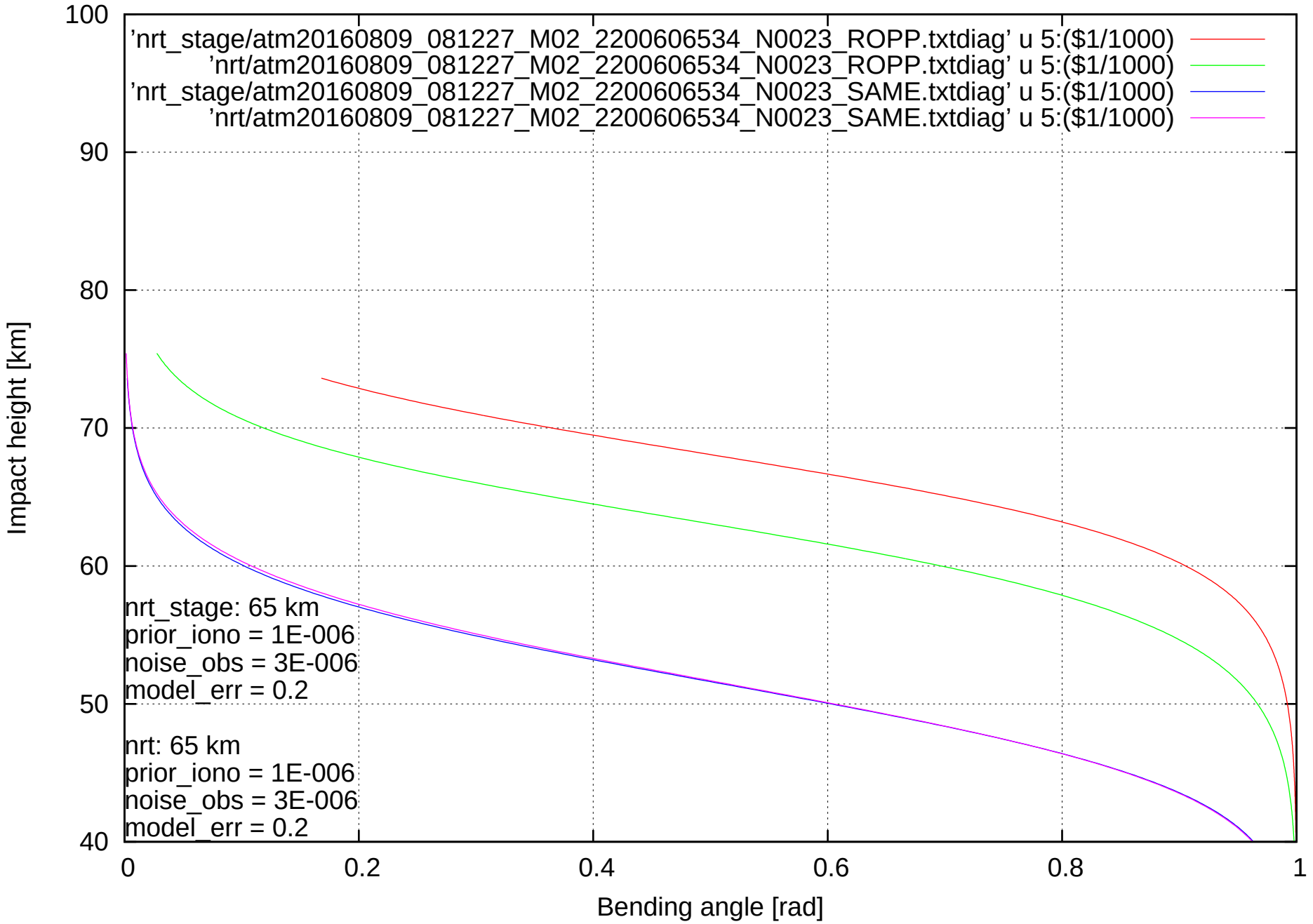

'nrt_stage/atm20160809_081227_M02_2200606534_N0023_PFIX.txt1b' u 11:($7/1000)
'nrt/atm20160809_081227_M02_2200606534_N0023_PFIX.txt1b' u 11:($7/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

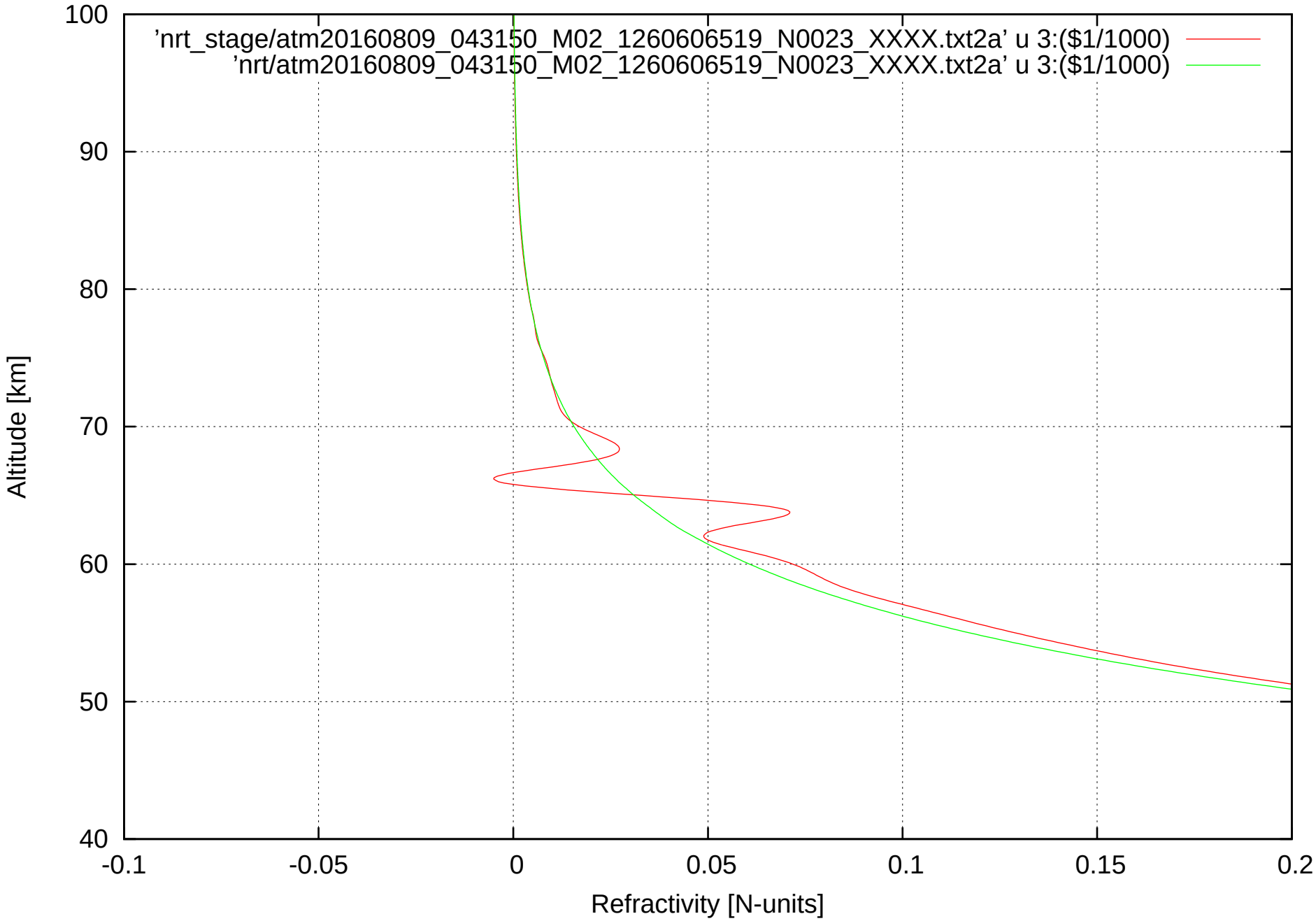

'nrt_stage/atm20160809_081227_M02_2200606534_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt/atm20160809_081227_M02_2200606534_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt_stage/atm20160809_081227_M02_2200606534_N0023_PFIX.txtdiag' u 5:($1/1000)
'nrt/atm20160809_081227_M02_2200606534_N0023_PFIX.txtdiag' u 5:($1/1000)
nrt_stage: 65 km
prior_iono = 7.092325619878456E-007
noise_obs = 4.318966297603953E-007
model_err = 0.252975037541397
nrt: 65 km
prior_iono = 1.661737127615039E-006
noise_obs = 7.300181858694686E-007
model_err = 0.212601093280473
Impact height [km]
Bending angle [rad]
100
90
80
70
60
50
40
0
0.2
0.4
0.6
0.8
1

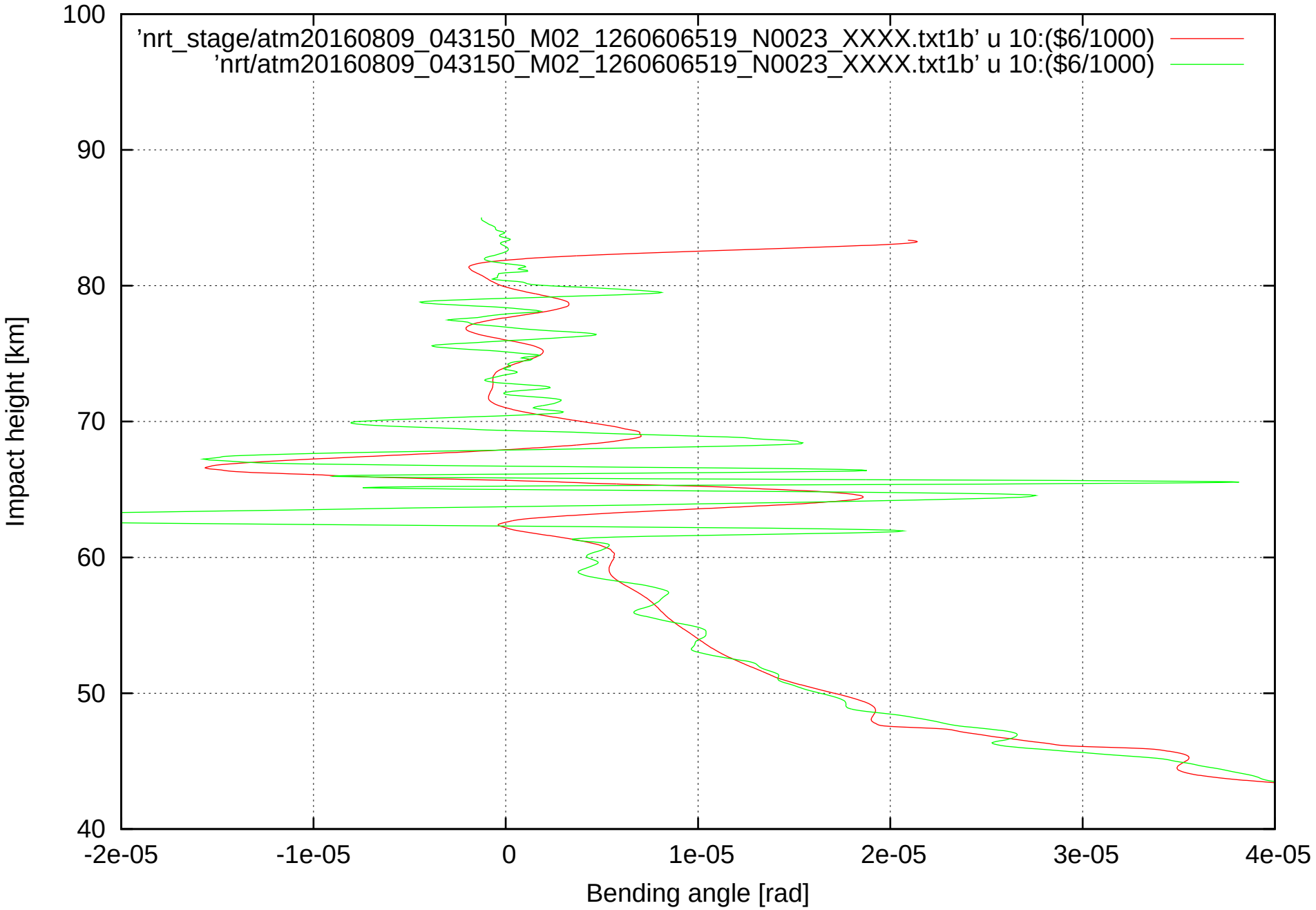

'nrt_stage/atm20160809_081227_M02_2200606534_N0023_HACK.txt1b' u 11:($7/1000)
'nrt/atm20160809_081227_M02_2200606534_N0023_HACK.txt1b' u 11:($7/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

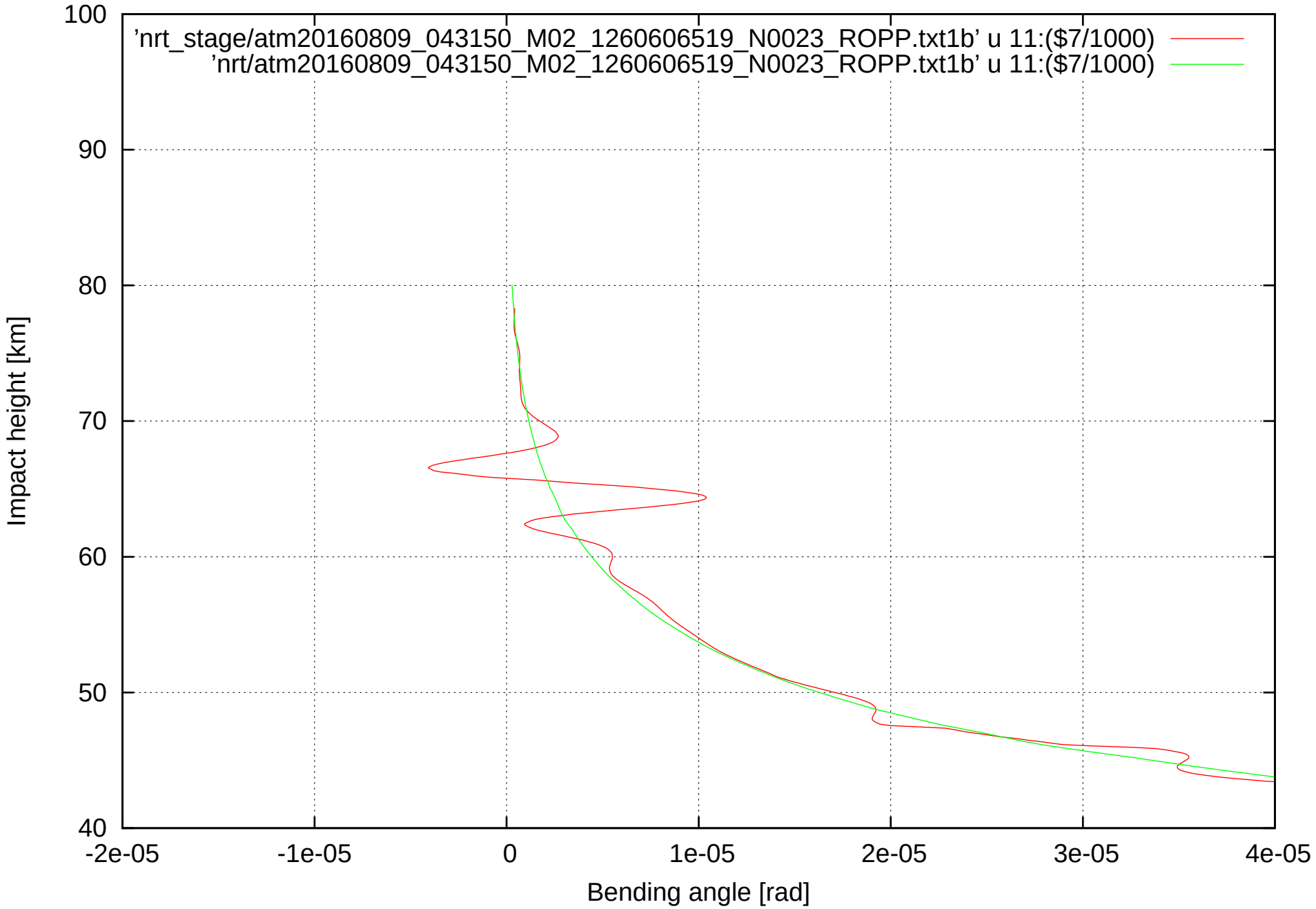

'nrt_stage/atm20160809_081227_M02_2200606534_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt/atm20160809_081227_M02_2200606534_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt_stage/atm20160809_081227_M02_2200606534_N0023_HACK.txtdiag' u 5:($1/1000)
'nrt/atm20160809_081227_M02_2200606534_N0023_HACK.txtdiag' u 5:($1/1000)
nrt_stage: 65 km
prior_iono = 1
noise_obs = 4.318966297603953E-007
model_err = 0.252975037541397
nrt: 65 km
prior_iono = 1
noise_obs = 7.300181858694686E-007
model_err = 0.212601093280473
Impact height [km]
Bending angle [rad]
100
90
80
70
60
50
40
0
0.2
0.4
0.6
0.8
1

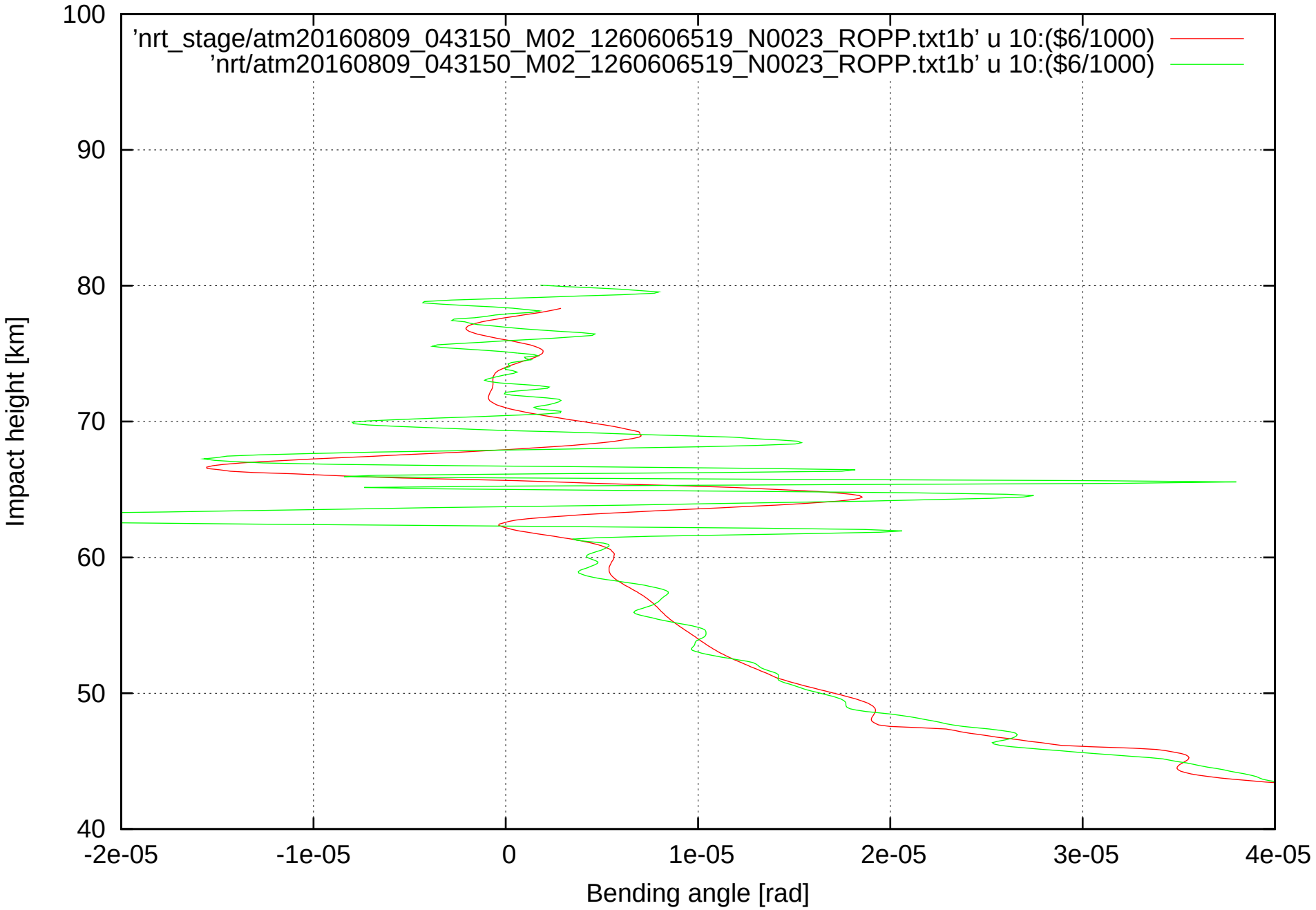

'nrt_stage/atm20160809_081227_M02_2200606534_N0023_SAME.txt1b' u 11:($7/1000)
'nrt/atm20160809_081227_M02_2200606534_N0023_SAME.txt1b' u 11:($7/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

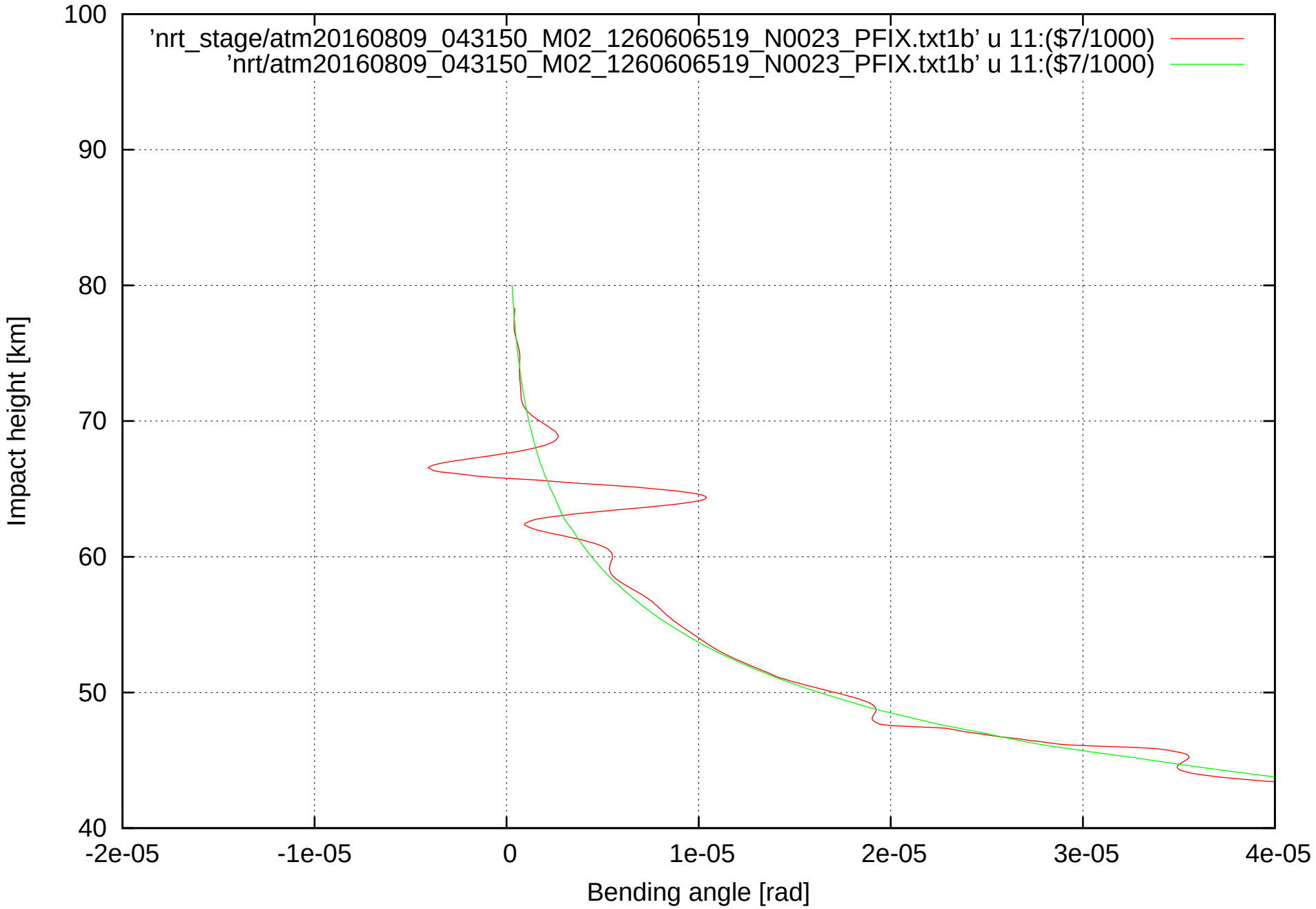

'nrt_stage/atm20160809_081227_M02_2200606534_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt/atm20160809_081227_M02_2200606534_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt_stage/atm20160809_081227_M02_2200606534_N0023_SAME.txtdiag' u 5:($1/1000)
'nrt/atm20160809_081227_M02_2200606534_N0023_SAME.txtdiag' u 5:($1/1000)
nrt_stage: 65 km
prior_iono = 1E-006
noise_obs = 3E-006
model_err = 0.2
nrt: 65 km
prior_iono = 1E-006
noise_obs = 3E-006
model_err = 0.2
Impact height [km]
Bending angle [rad]
100
90
80
70
60
50
40
0
0.2
0.4
0.6
0.8
1

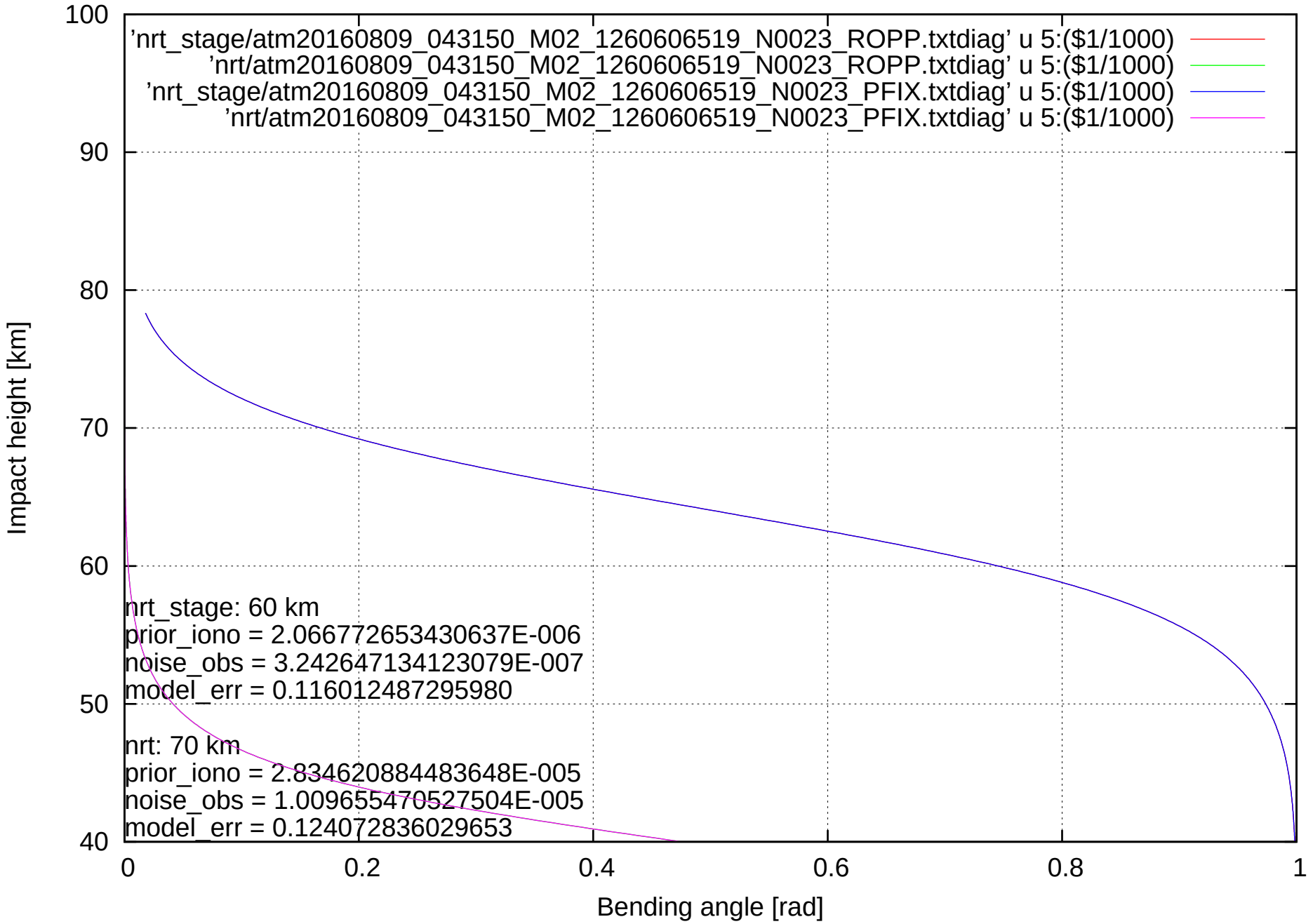

'nrt_stage/atm20160809_043150_M02_1260606519_N0023_XXXX.txt2a' u 3:($1/1000)
'nrt/atm20160809_043150_M02_1260606519_N0023_XXXX.txt2a' u 3:($1/1000)
Altitude [km]
100
90
80
70
60
50
40
-0.1
-0.05
0
0.05
0.1
0.15
0.2
Refractivity [N-units]

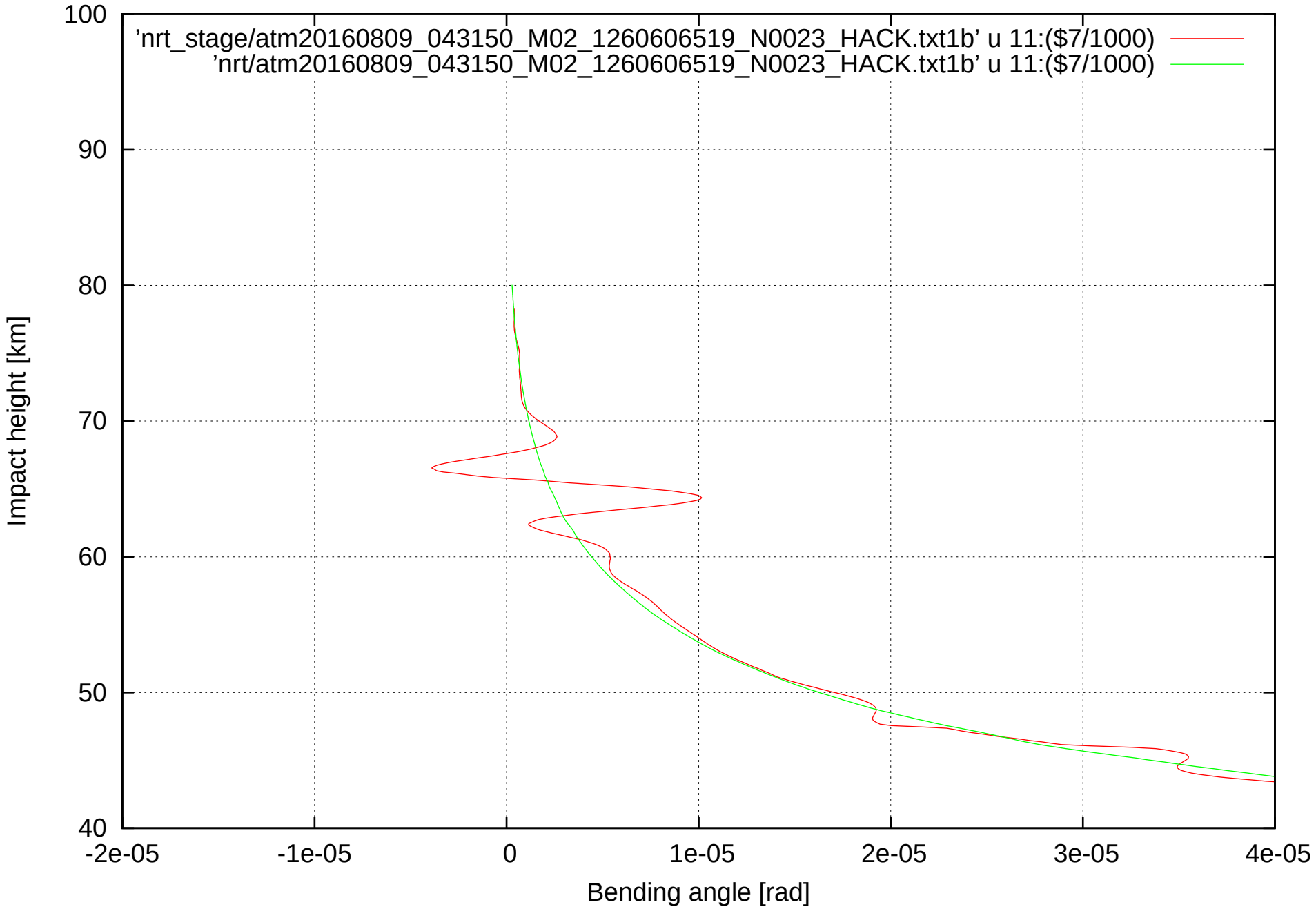

'nrt_stage/atm20160809_043150_M02_1260606519_N0023_XXXX.txt1b' u 10:($6/1000)
'nrt/atm20160809_043150_M02_1260606519_N0023_XXXX.txt1b' u 10:($6/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

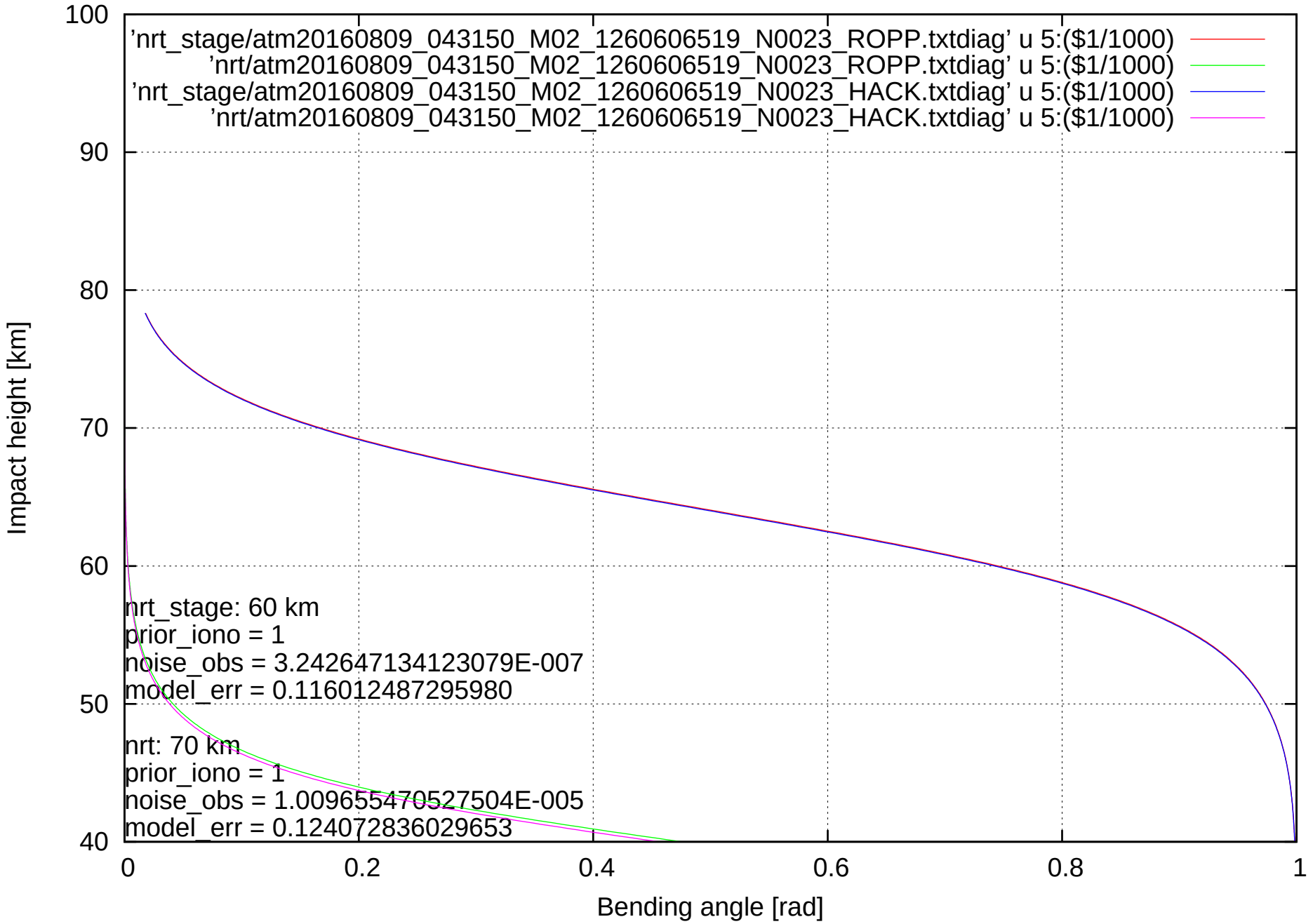

'nrt_stage/atm20160809_043150_M02_1260606519_N0023_ROPP.txt1b' u 11:($7/1000)
'nrt/atm20160809_043150_M02_1260606519_N0023_ROPP.txt1b' u 11:($7/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

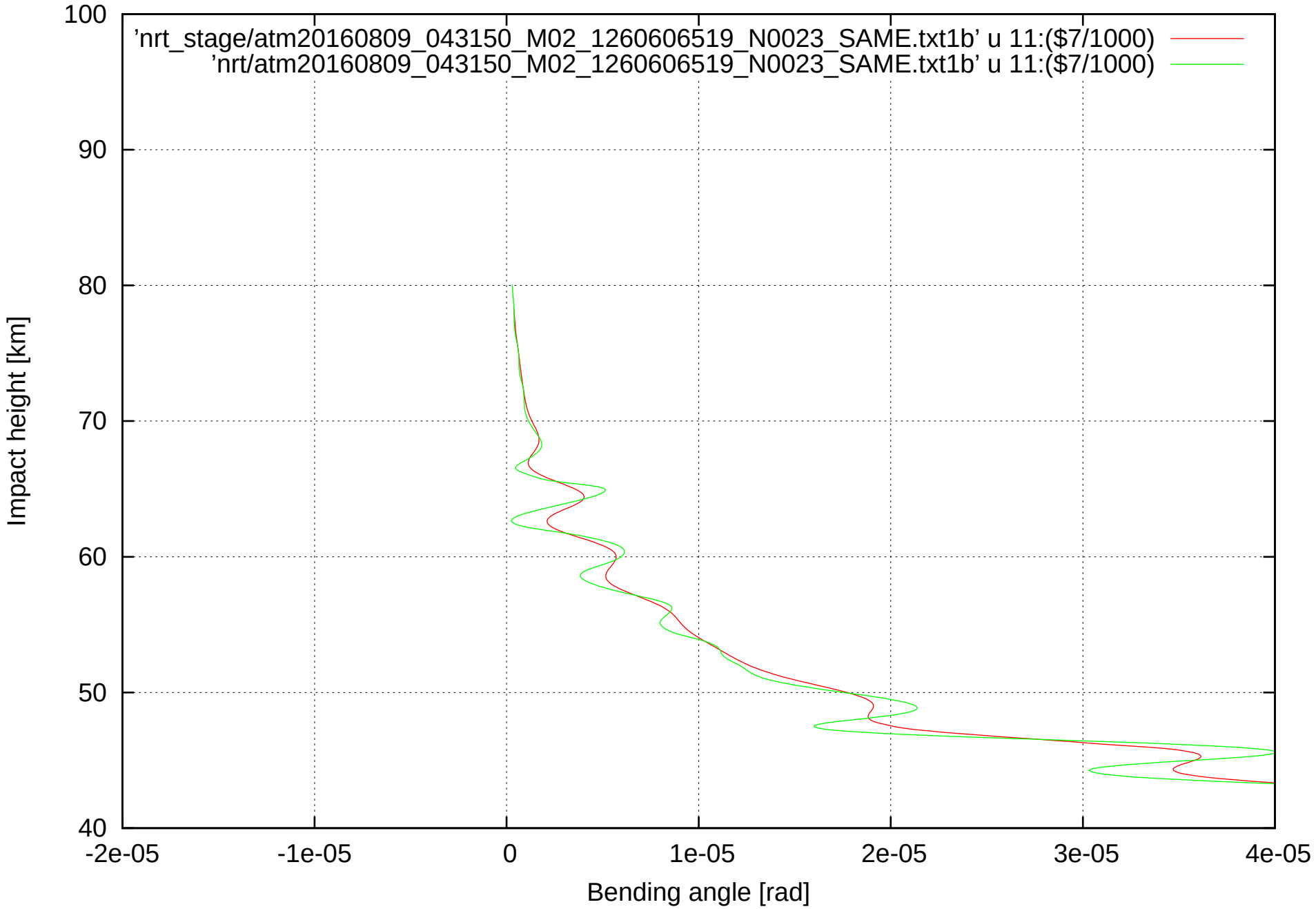

'nrt_stage/atm20160809_043150_M02_1260606519_N0023_ROPP.txt1b' u 10:($6/1000)
'nrt/atm20160809_043150_M02_1260606519_N0023_ROPP.txt1b' u 10:($6/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

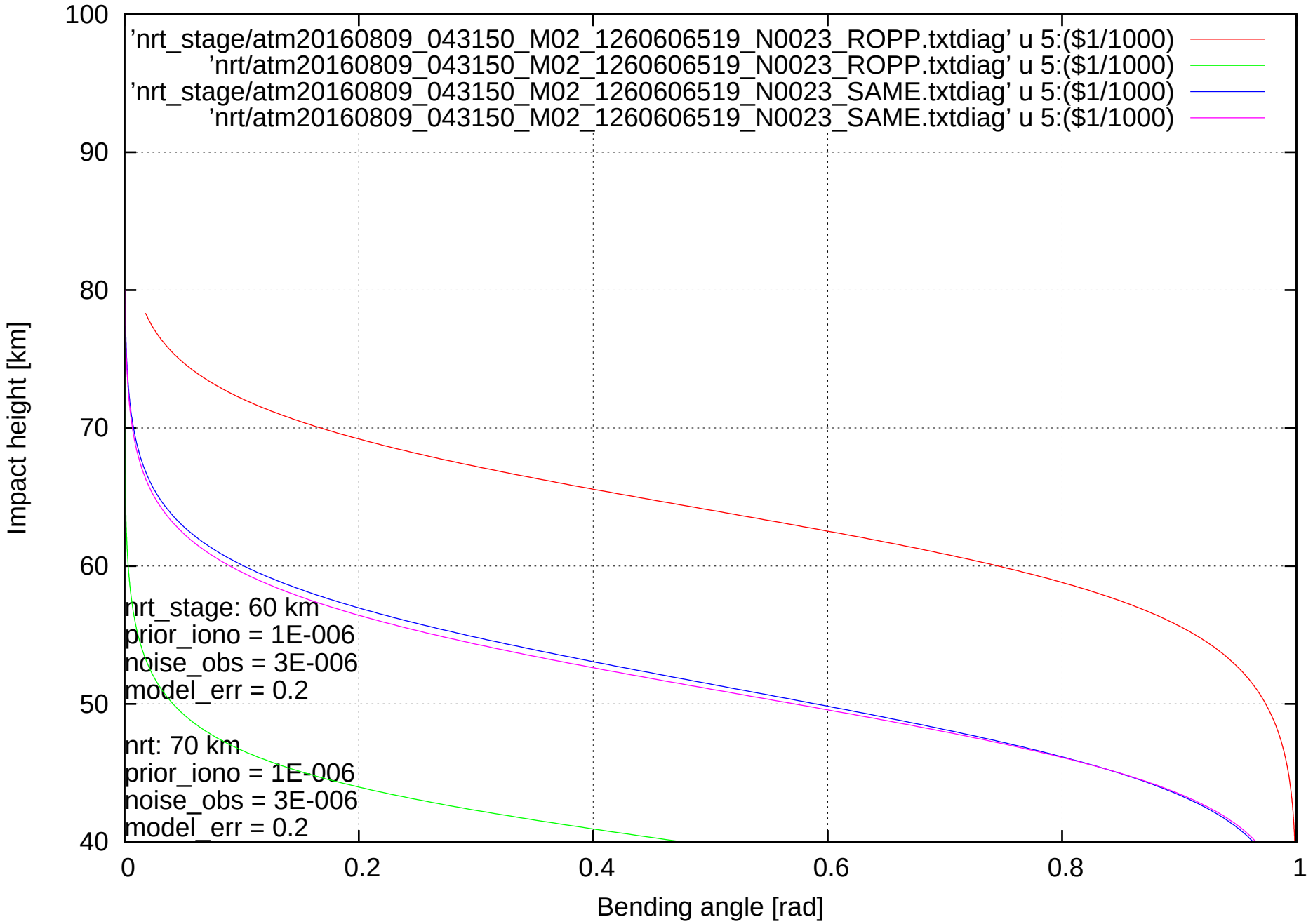

'nrt_stage/atm20160809_043150_M02_1260606519_N0023_PFIX.txt1b' u 11:($7/1000)
'nrt/atm20160809_043150_M02_1260606519_N0023_PFIX.txt1b' u 11:($7/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

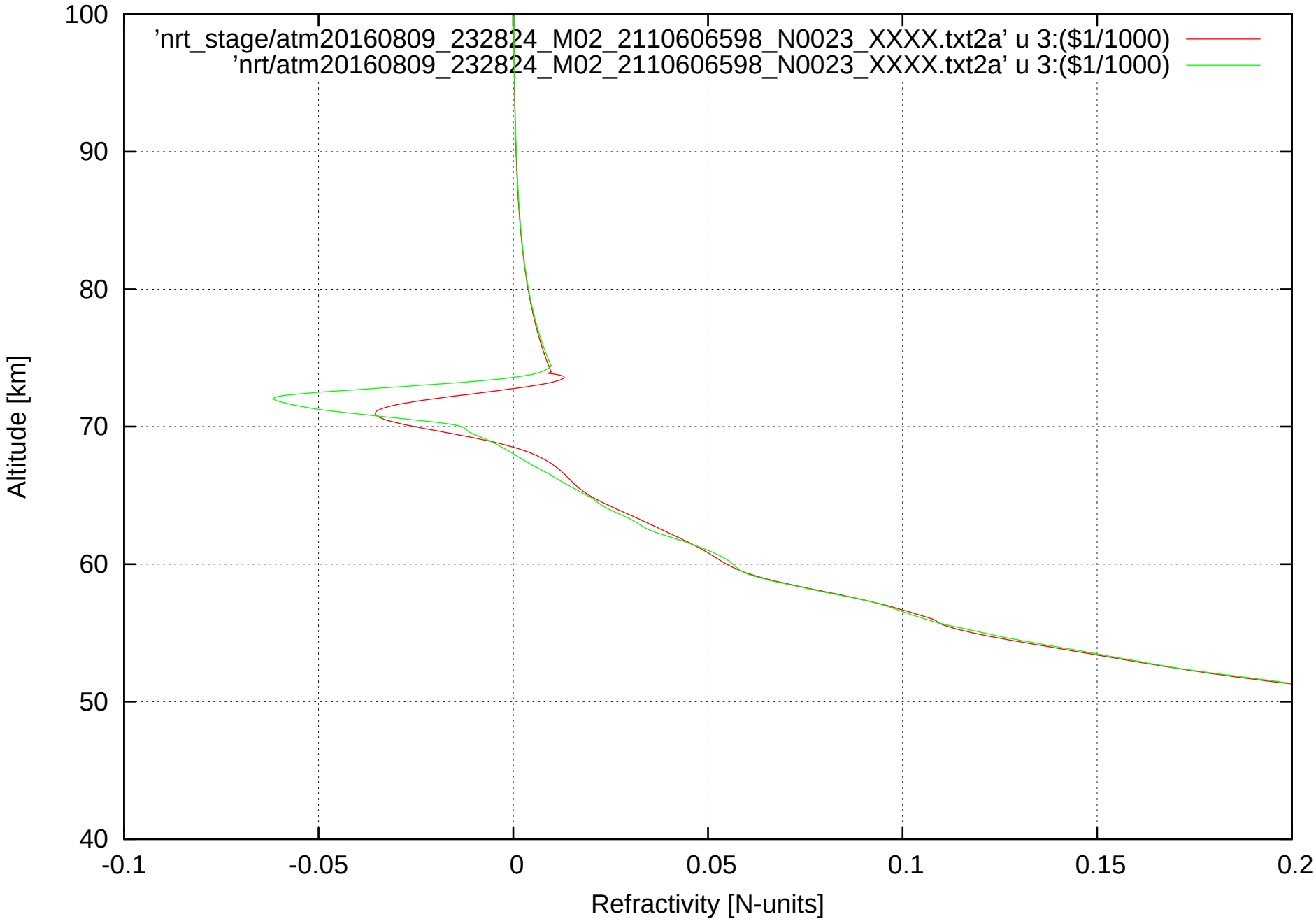

'nrt_stage/atm20160809_043150_M02_1260606519_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt/atm20160809_043150_M02_1260606519_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt_stage/atm20160809_043150_M02_1260606519_N0023_PFIX.txtdiag' u 5:($1/1000)
'nrt/atm20160809_043150_M02_1260606519_N0023_PFIX.txtdiag' u 5:($1/1000)
nrt_stage: 60 km
prior_iono = 2.066772653430637E-006
noise_obs = 3.242647134123079E-007
model_err = 0.116012487295980
nrt: 70 km
prior_iono = 2.834620884483648E-005
noise_obs = 1.009655470527504E-005
model_err = 0.124072836029653
Impact height [km]
Bending angle [rad]
100
90
80
70
60
50
40
0
0.2
0.4
0.6
0.8
1

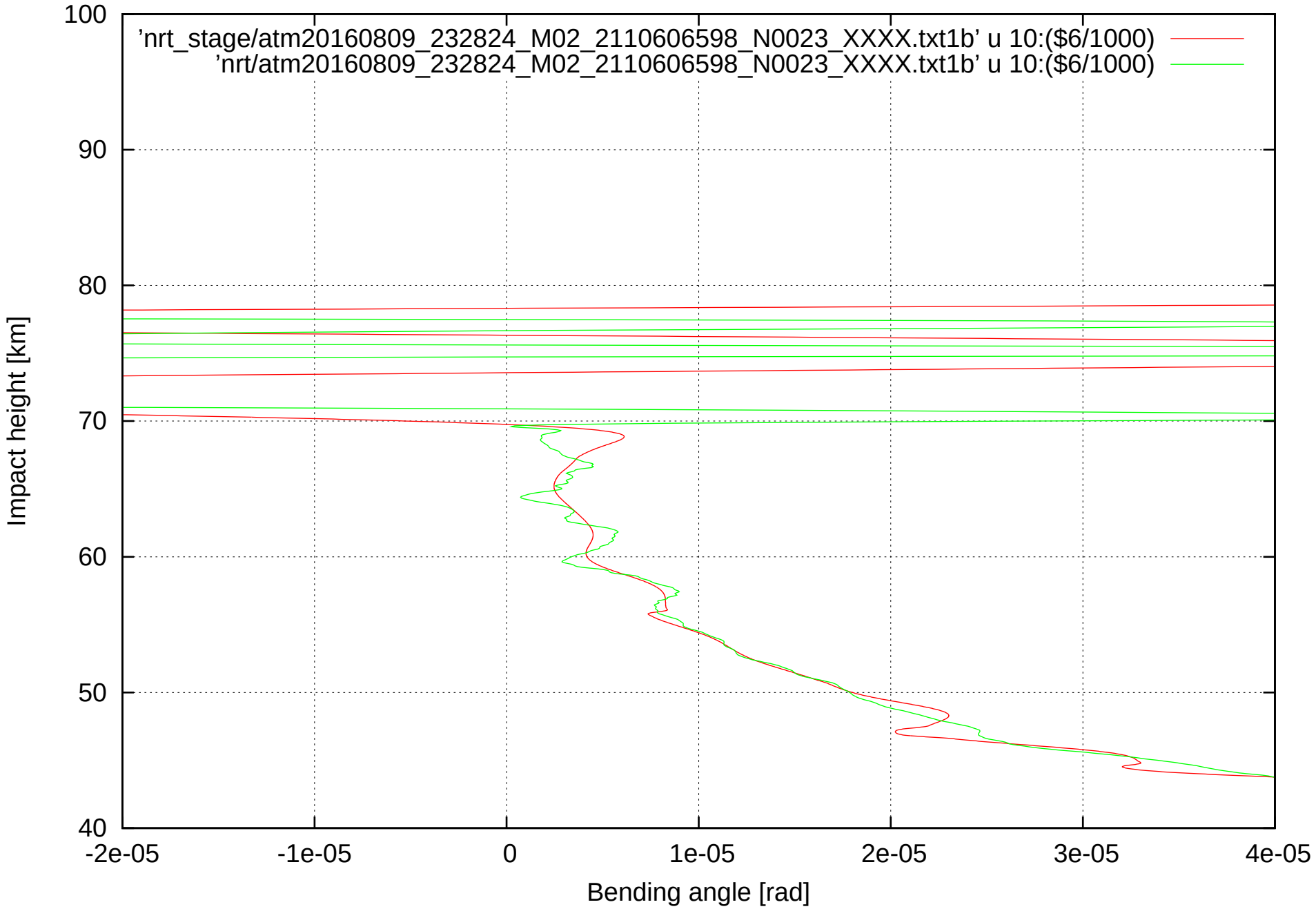

'nrt_stage/atm20160809_043150_M02_1260606519_N0023_HACK.txt1b' u 11:($7/1000)
'nrt/atm20160809_043150_M02_1260606519_N0023_HACK.txt1b' u 11:($7/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

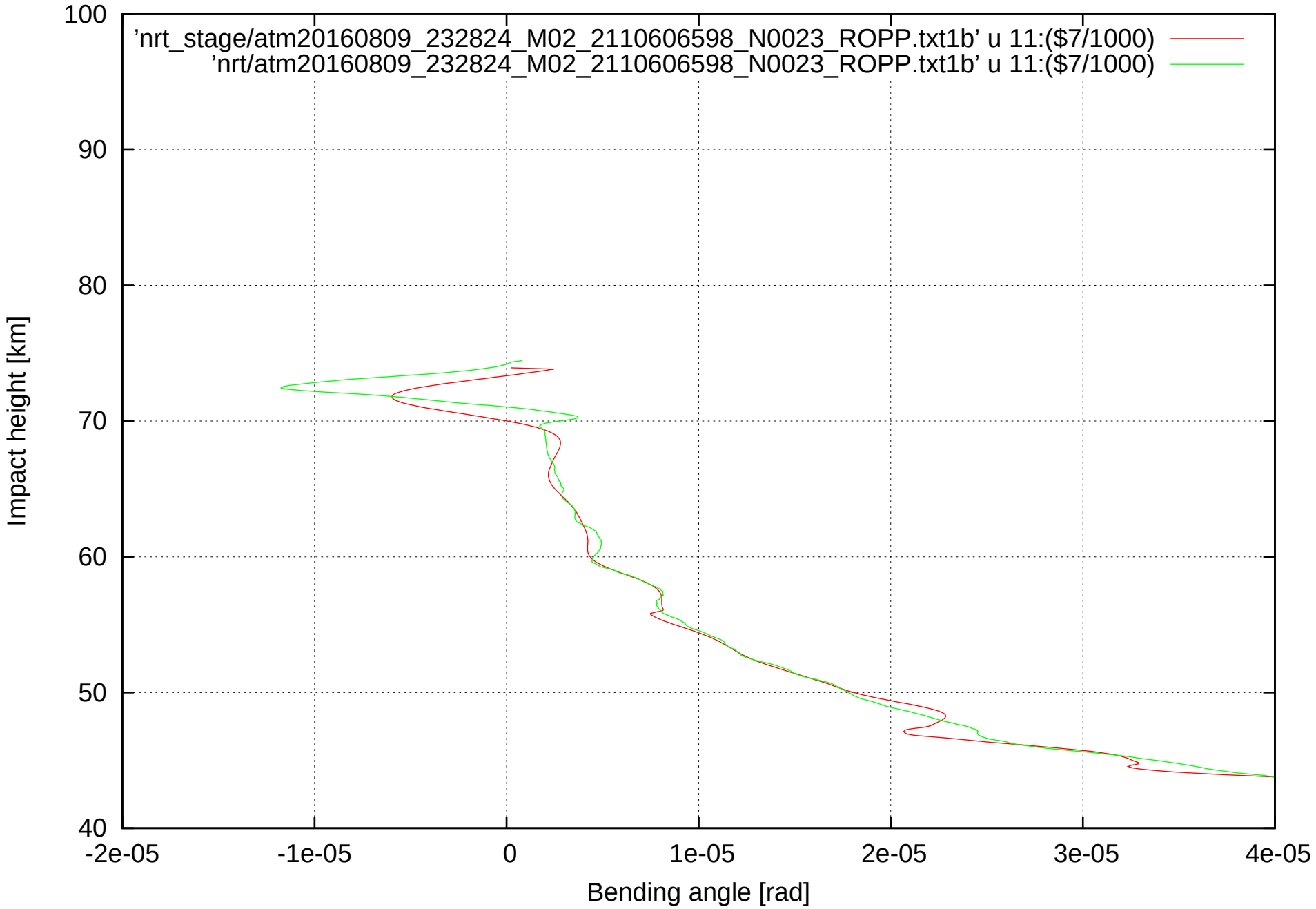

'nrt_stage/atm20160809_043150_M02_1260606519_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt/atm20160809_043150_M02_1260606519_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt_stage/atm20160809_043150_M02_1260606519_N0023_HACK.txtdiag' u 5:($1/1000)
'nrt/atm20160809_043150_M02_1260606519_N0023_HACK.txtdiag' u 5:($1/1000)
nrt_stage: 60 km
prior_iono = 1
noise_obs = 3.242647134123079E-007
model_err = 0.116012487295980
nrt: 70 km
prior_iono = 1
noise_obs = 1.009655470527504E-005
model_err = 0.124072836029653
Impact height [km]
Bending angle [rad]
100
90
80
70
60
50
40
0
0.2
0.4
0.6
0.8
1

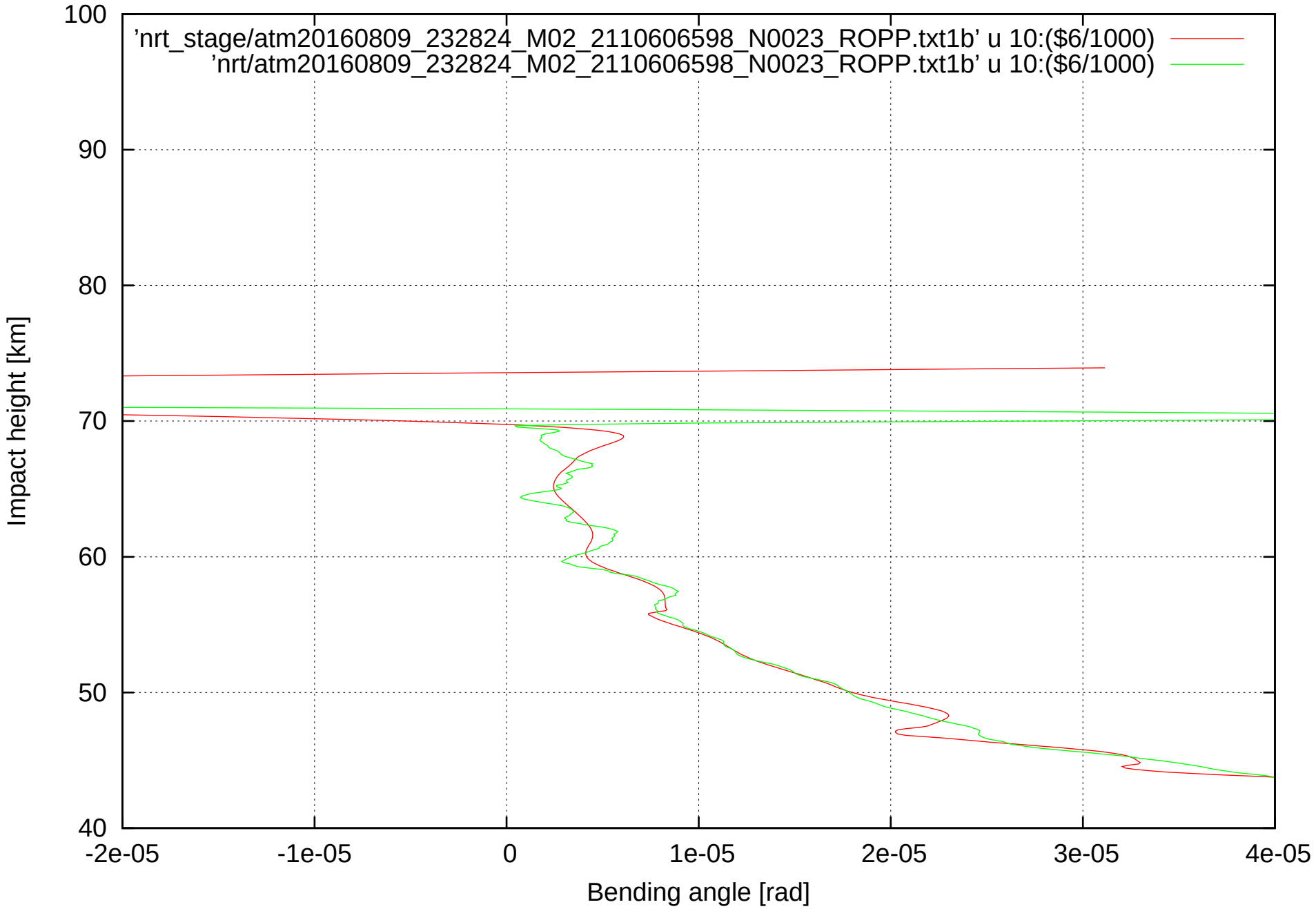

'nrt_stage/atm20160809_043150_M02_1260606519_N0023_SAME.txt1b' u 11:($7/1000)
'nrt/atm20160809_043150_M02_1260606519_N0023_SAME.txt1b' u 11:($7/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

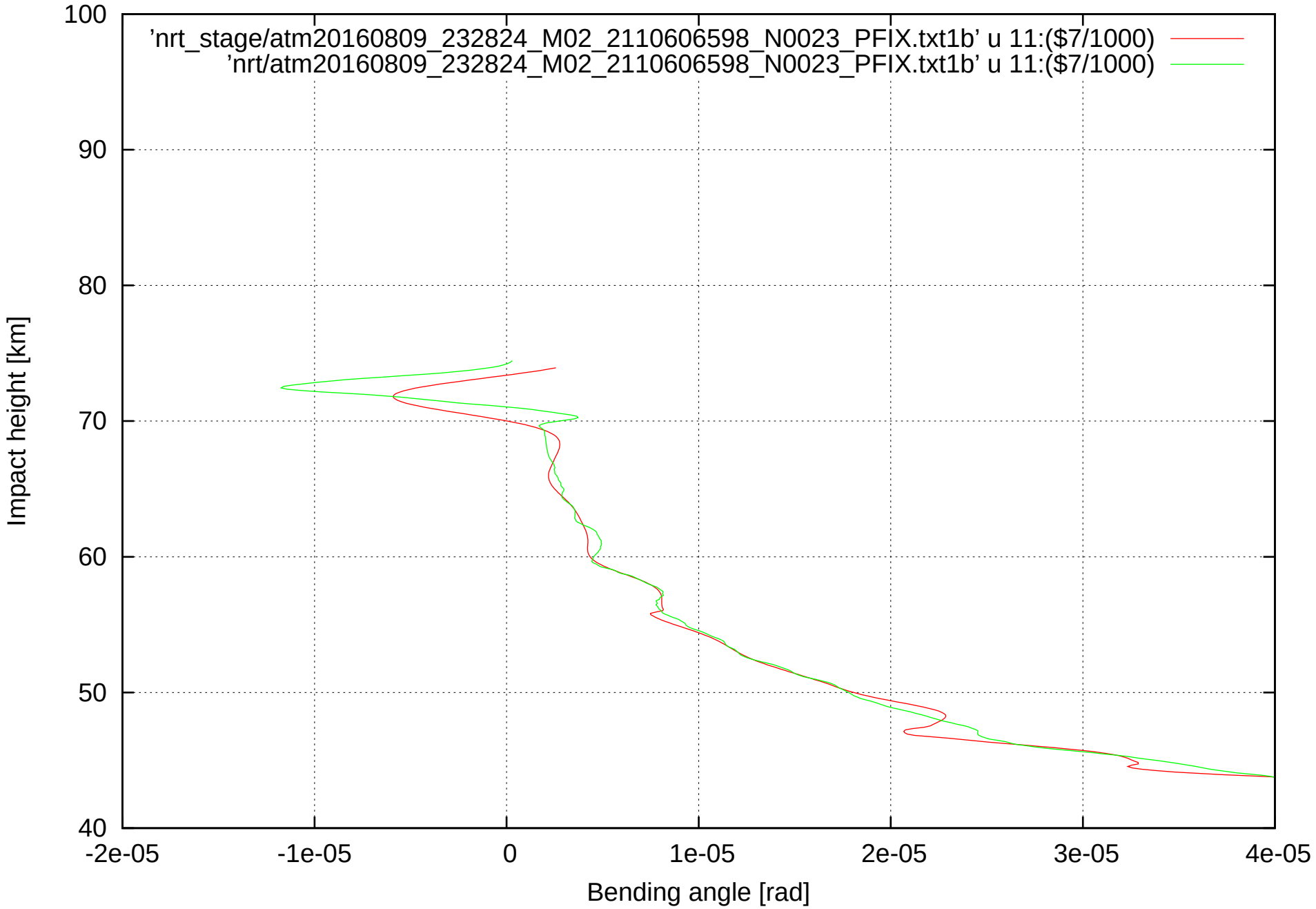

'nrt_stage/atm20160809_043150_M02_1260606519_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt/atm20160809_043150_M02_1260606519_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt_stage/atm20160809_043150_M02_1260606519_N0023_SAME.txtdiag' u 5:($1/1000)
'nrt/atm20160809_043150_M02_1260606519_N0023_SAME.txtdiag' u 5:($1/1000)
nrt_stage: 60 km
prior_iono = 1E-006
noise_obs = 3E-006
model_err = 0.2
nrt: 70 km
prior_iono = 1E-006
noise_obs = 3E-006
model_err = 0.2
Impact height [km]
Bending angle [rad]
100
90
80
70
60
50
40
0
0.2
0.4
0.6
0.8
1

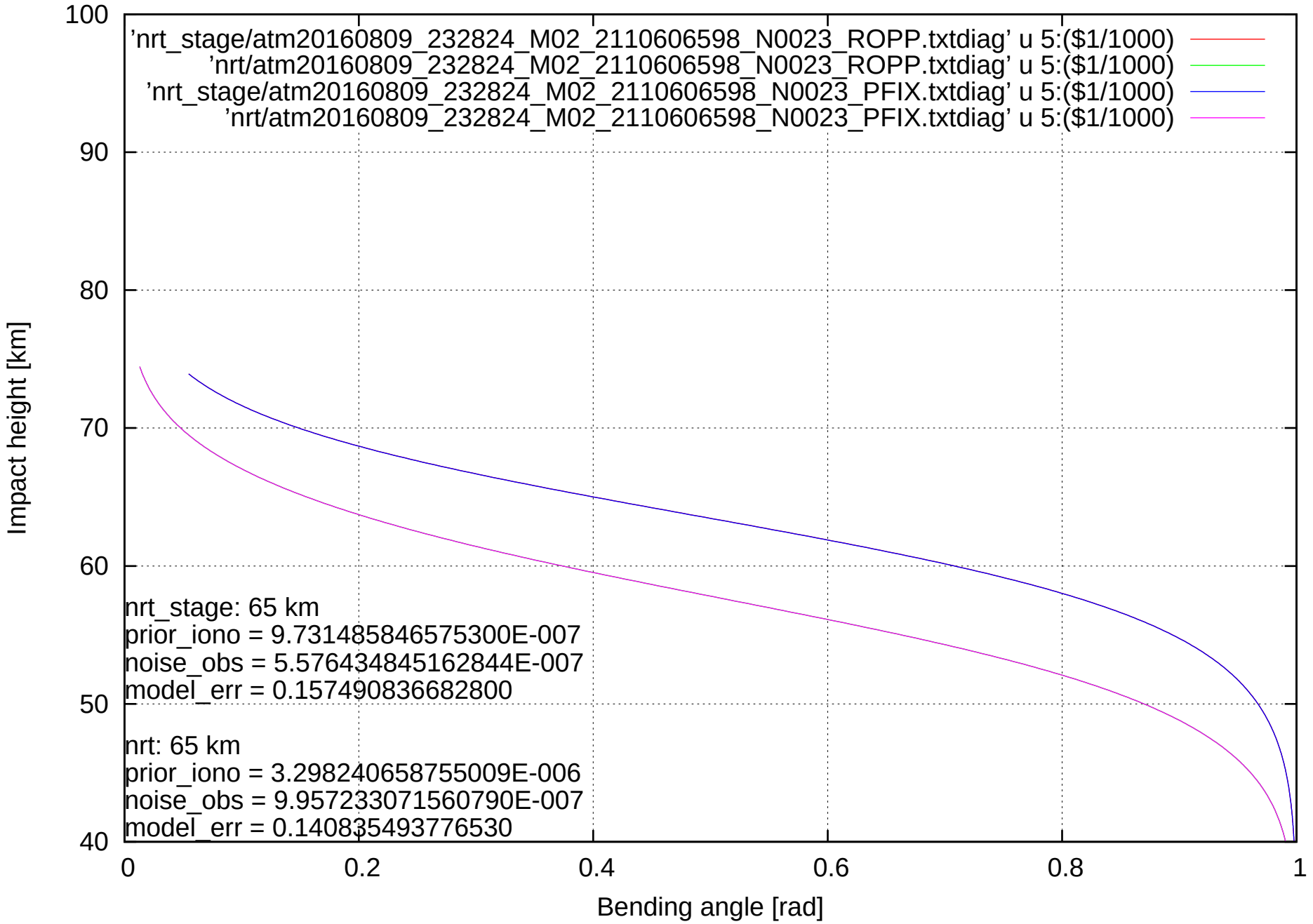

'nrt_stage/atm20160809_232824_M02_2110606598_N0023_XXXX.txt2a' u 3:($1/1000)
'nrt/atm20160809_232824_M02_2110606598_N0023_XXXX.txt2a' u 3:($1/1000)
Altitude [km]
100
90
80
70
60
50
40
-0.1
-0.05
0
0.05
0.1
0.15
0.2
Refractivity [N-units]

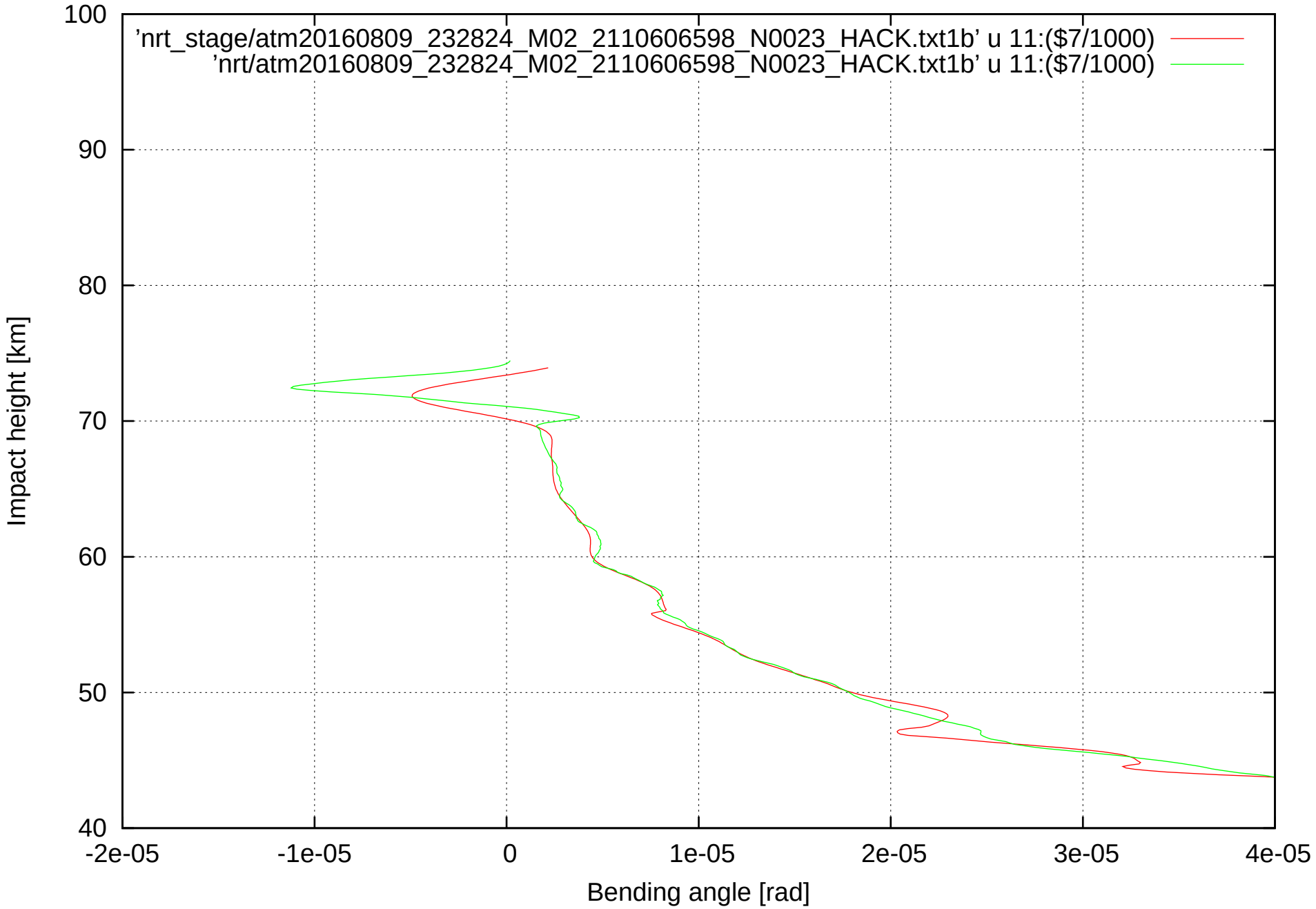

'nrt_stage/atm20160809_232824_M02_2110606598_N0023_XXXX.txt1b' u 10:($6/1000)
'nrt/atm20160809_232824_M02_2110606598_N0023_XXXX.txt1b' u 10:($6/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

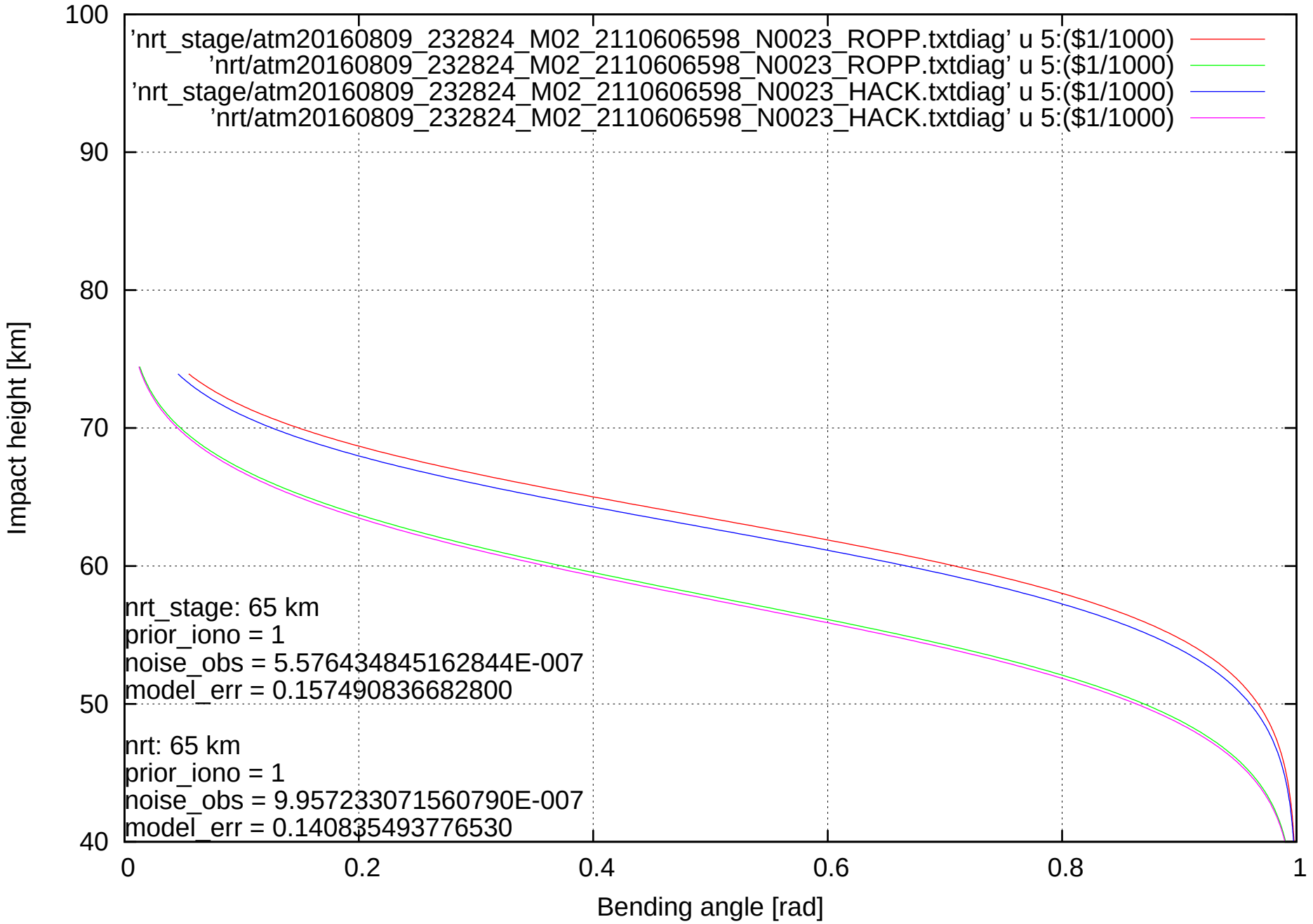

'nrt_stage/atm20160809_232824_M02_2110606598_N0023_ROPP.txt1b' u 11:($7/1000)
'nrt/atm20160809_232824_M02_2110606598_N0023_ROPP.txt1b' u 11:($7/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

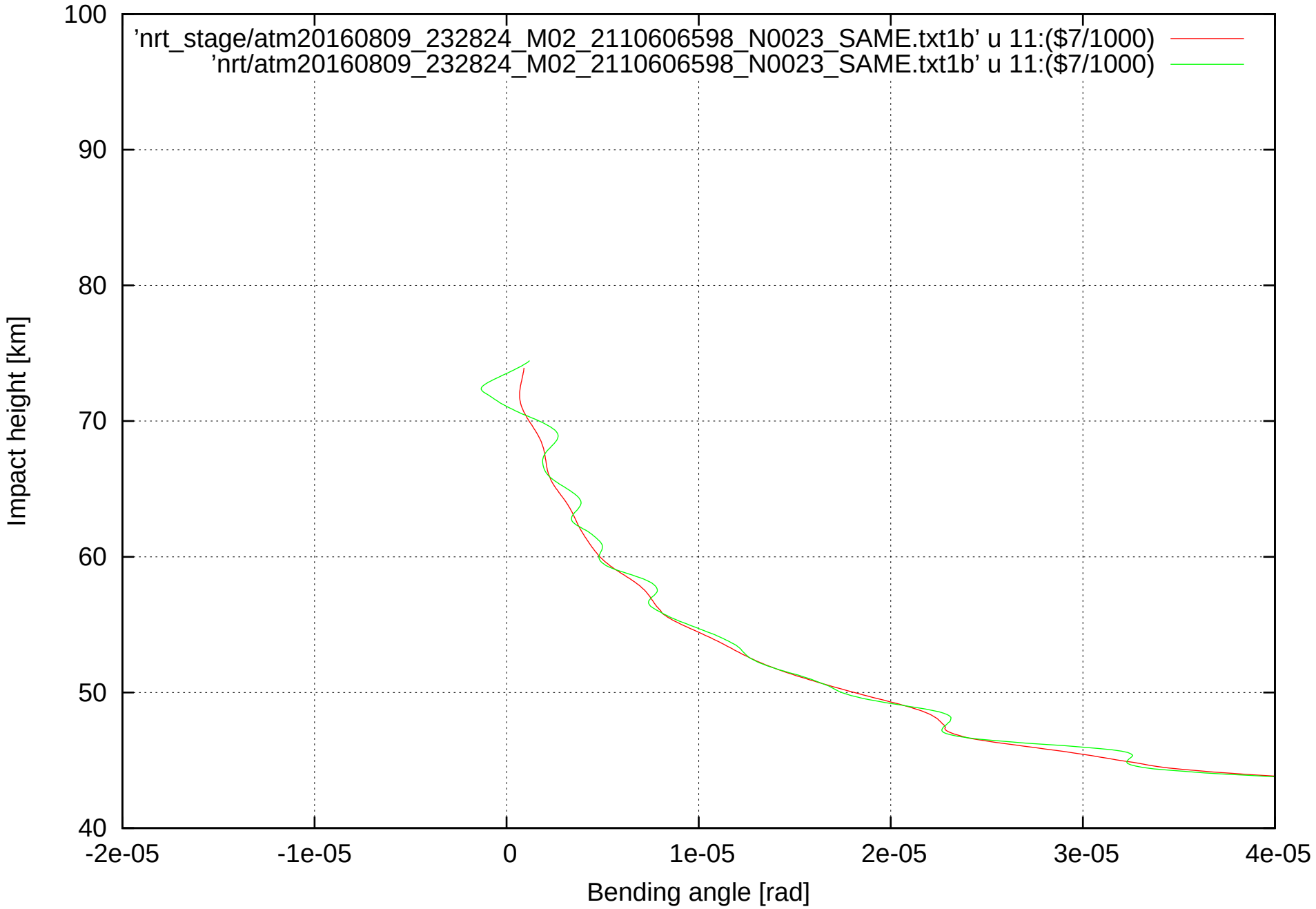

'nrt_stage/atm20160809_232824_M02_2110606598_N0023_ROPP.txt1b' u 10:($6/1000)
'nrt/atm20160809_232824_M02_2110606598_N0023_ROPP.txt1b' u 10:($6/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

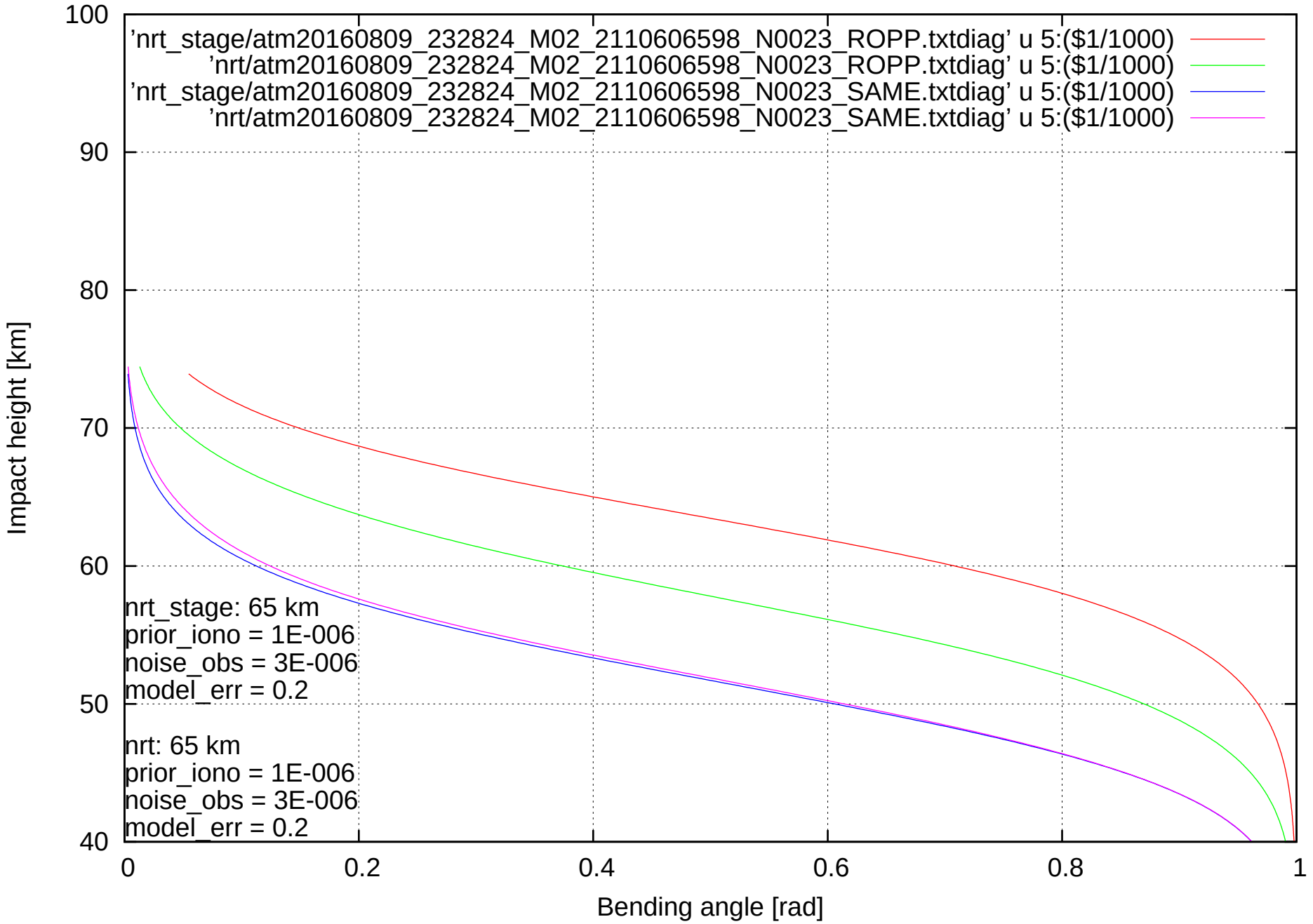

'nrt_stage/atm20160809_232824_M02_2110606598_N0023_PFIX.txt1b' u 11:($7/1000)
'nrt/atm20160809_232824_M02_2110606598_N0023_PFIX.txt1b' u 11:($7/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

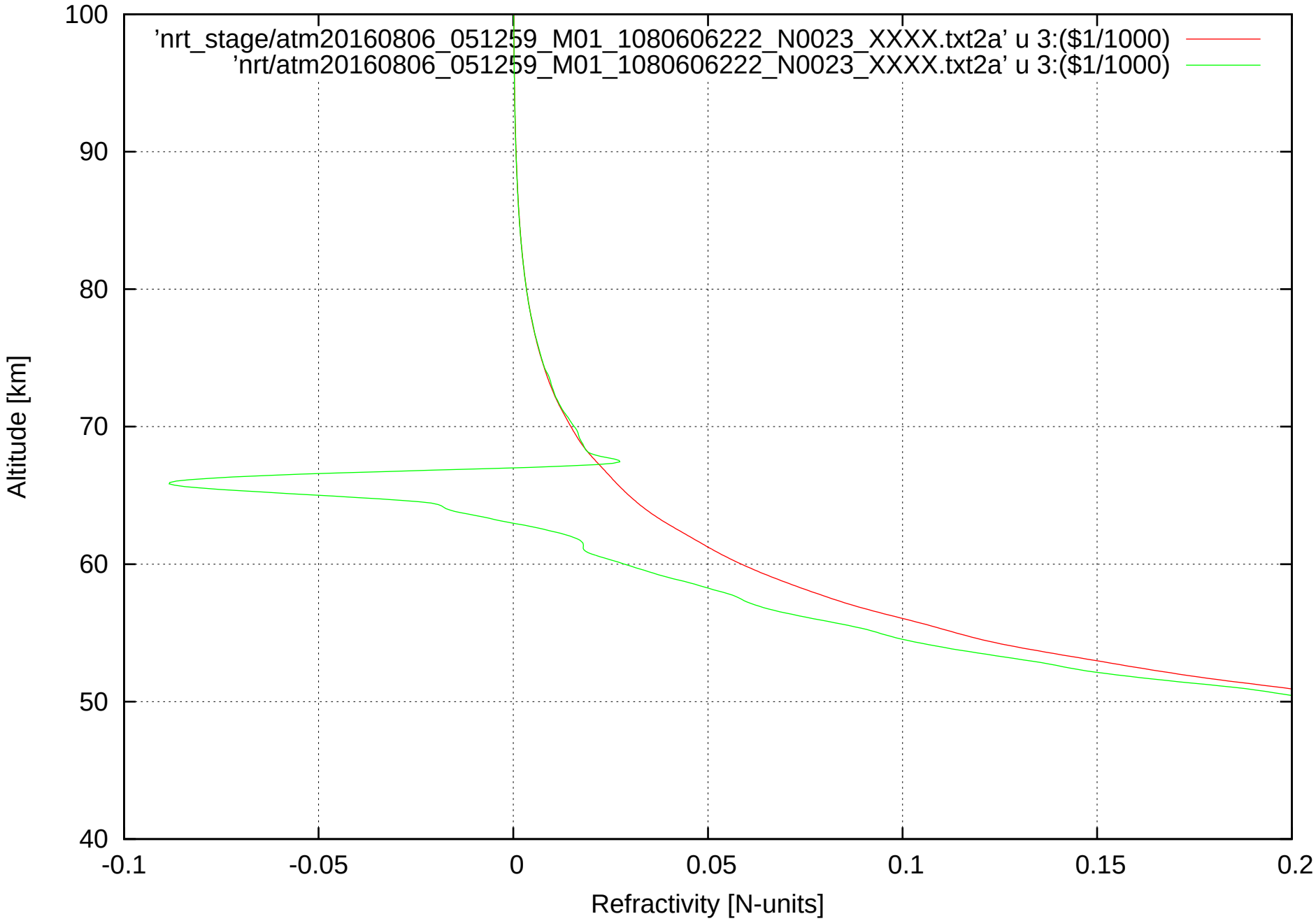

'nrt_stage/atm20160809_232824_M02_2110606598_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt/atm20160809_232824_M02_2110606598_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt_stage/atm20160809_232824_M02_2110606598_N0023_PFIX.txtdiag' u 5:($1/1000)
'nrt/atm20160809_232824_M02_2110606598_N0023_PFIX.txtdiag' u 5:($1/1000)
nrt_stage: 65 km
prior_iono = 9.731485846575300E-007
noise_obs = 5.576434845162844E-007
model_err = 0.157490836682800
nrt: 65 km
prior_iono = 3.298240658755009E-006
noise_obs = 9.957233071560790E-007
model_err = 0.140835493776530
Impact height [km]
Bending angle [rad]
100
90
80
70
60
50
40
0
0.2
0.4
0.6
0.8
1

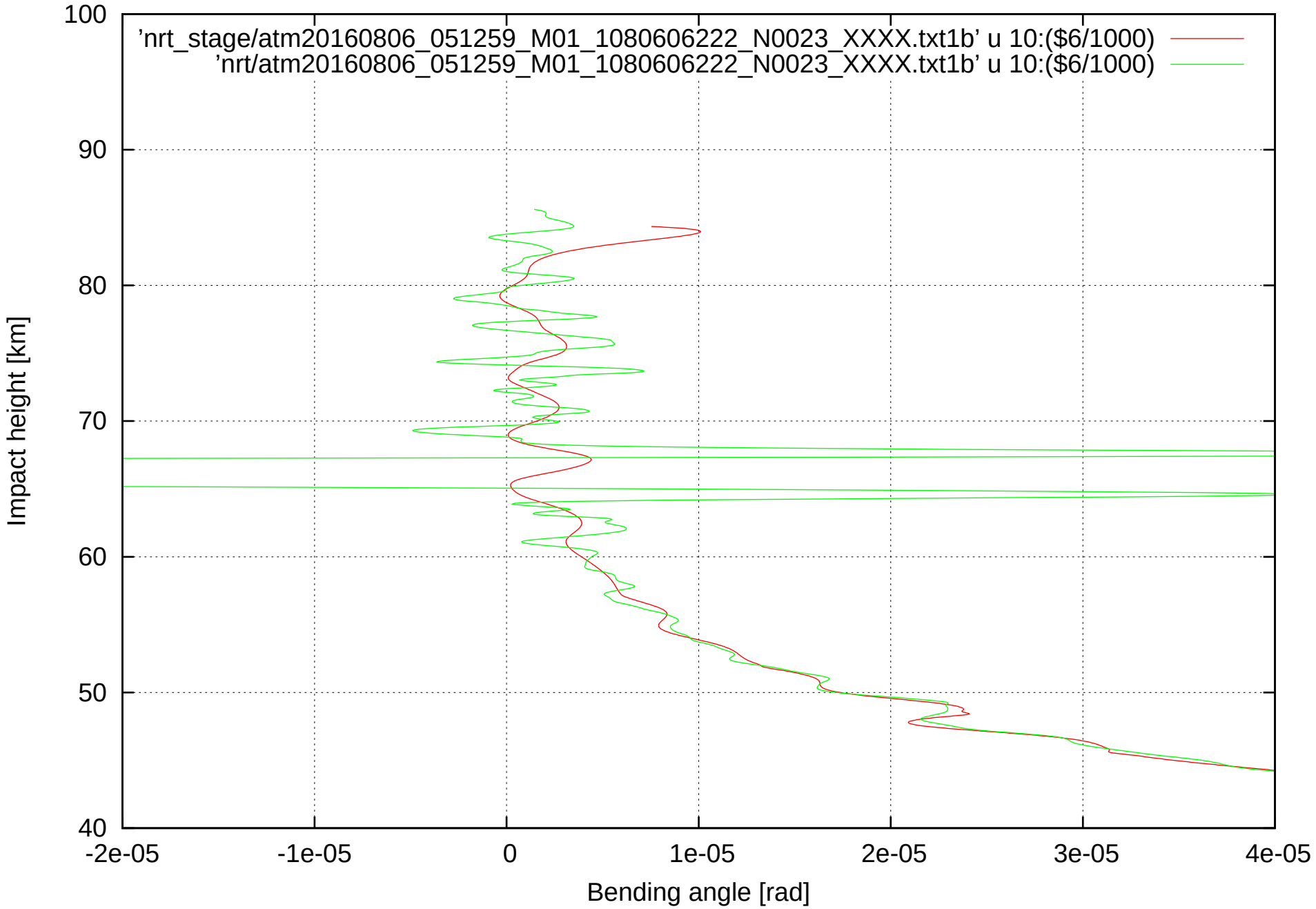

'nrt_stage/atm20160809_232824_M02_2110606598_N0023_HACK.txt1b' u 11:($7/1000)
'nrt/atm20160809_232824_M02_2110606598_N0023_HACK.txt1b' u 11:($7/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

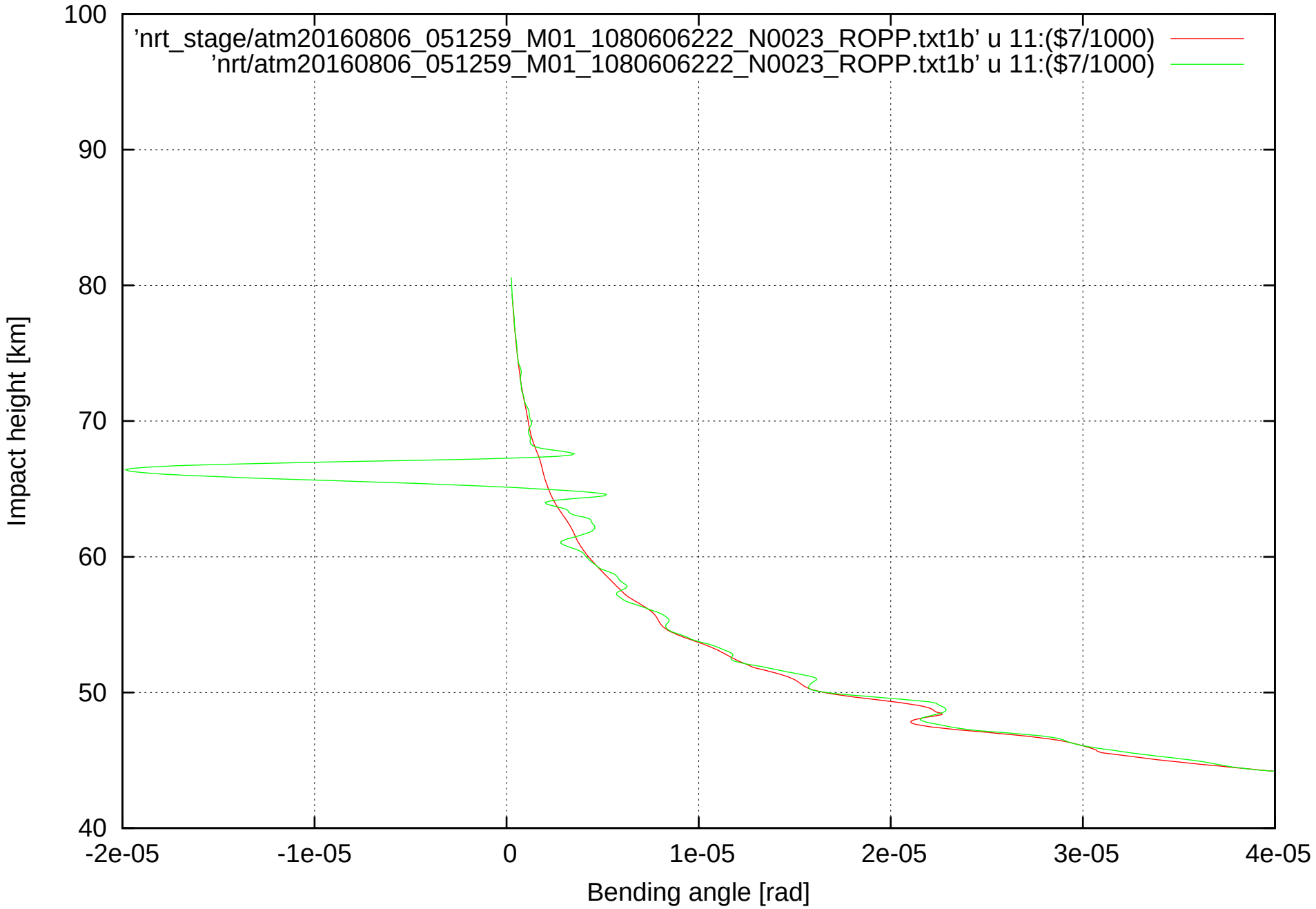

'nrt_stage/atm20160809_232824_M02_2110606598_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt/atm20160809_232824_M02_2110606598_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt_stage/atm20160809_232824_M02_2110606598_N0023_HACK.txtdiag' u 5:($1/1000)
'nrt/atm20160809_232824_M02_2110606598_N0023_HACK.txtdiag' u 5:($1/1000)
nrt_stage: 65 km
prior_iono = 1
noise_obs = 5.576434845162844E-007
model_err = 0.157490836682800
nrt: 65 km
prior_iono = 1
noise_obs = 9.957233071560790E-007
model_err = 0.140835493776530
Impact height [km]
Bending angle [rad]
100
90
80
70
60
50
40
0
0.2
0.4
0.6
0.8
1

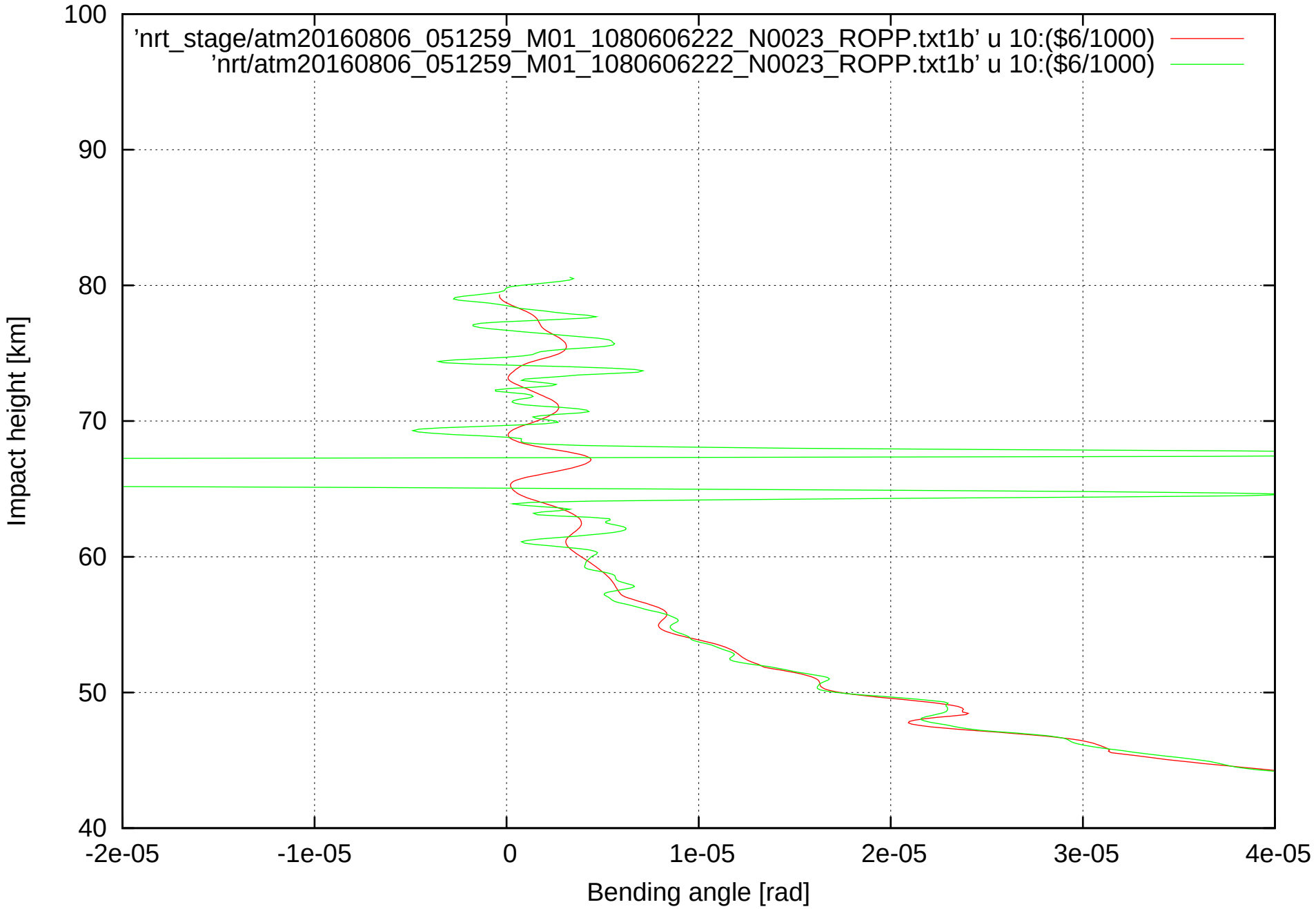

'nrt_stage/atm20160809_232824_M02_2110606598_N0023_SAME.txt1b' u 11:($7/1000)
'nrt/atm20160809_232824_M02_2110606598_N0023_SAME.txt1b' u 11:($7/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

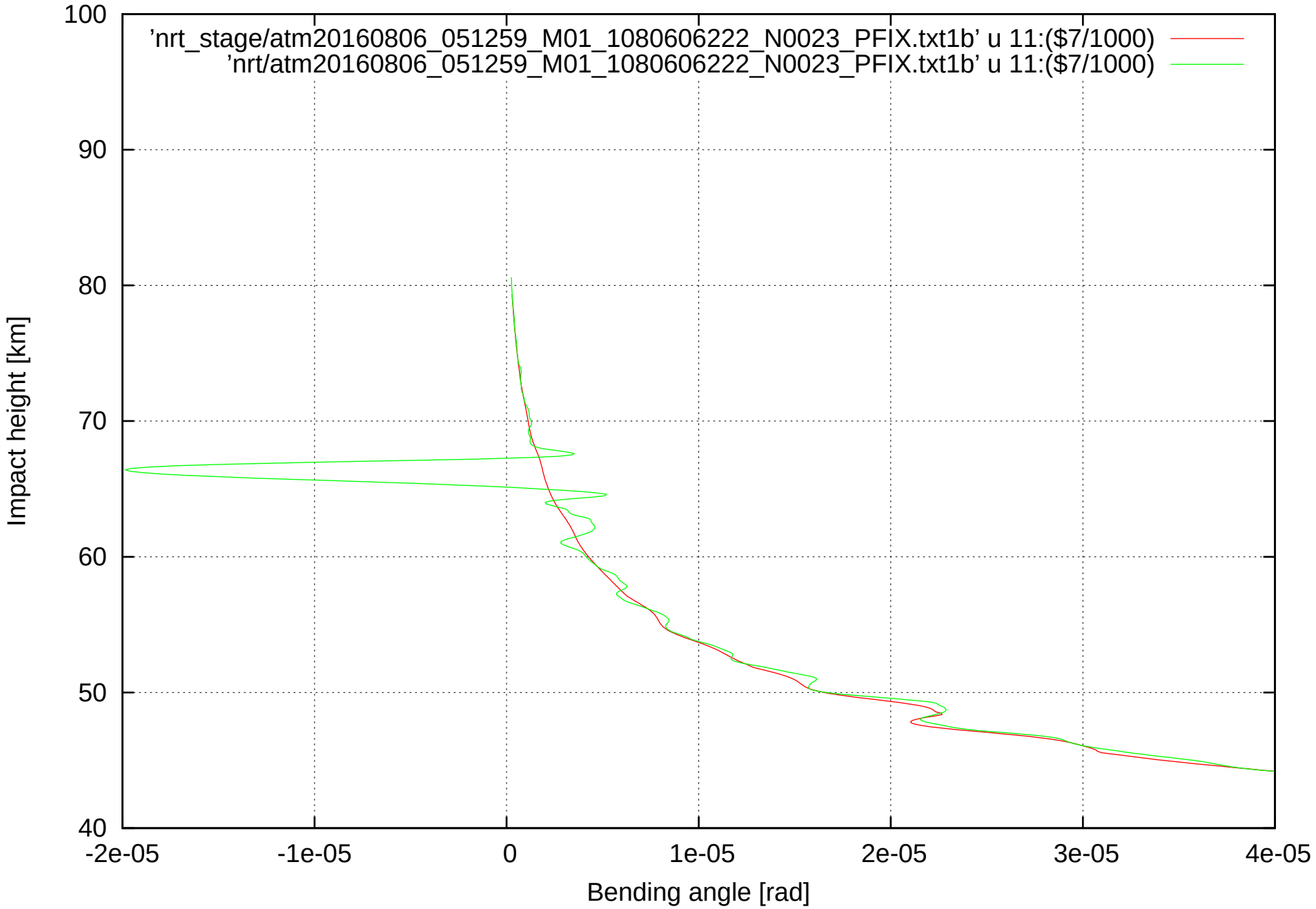

'nrt_stage/atm20160809_232824_M02_2110606598_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt/atm20160809_232824_M02_2110606598_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt_stage/atm20160809_232824_M02_2110606598_N0023_SAME.txtdiag' u 5:($1/1000)
'nrt/atm20160809_232824_M02_2110606598_N0023_SAME.txtdiag' u 5:($1/1000)
nrt_stage: 65 km
prior_iono = 1E-006
noise_obs = 3E-006
model_err = 0.2
nrt: 65 km
prior_iono = 1E-006
noise_obs = 3E-006
model_err = 0.2
Impact height [km]
Bending angle [rad]
100
90
80
70
60
50
40
0
0.2
0.4
0.6
0.8
1

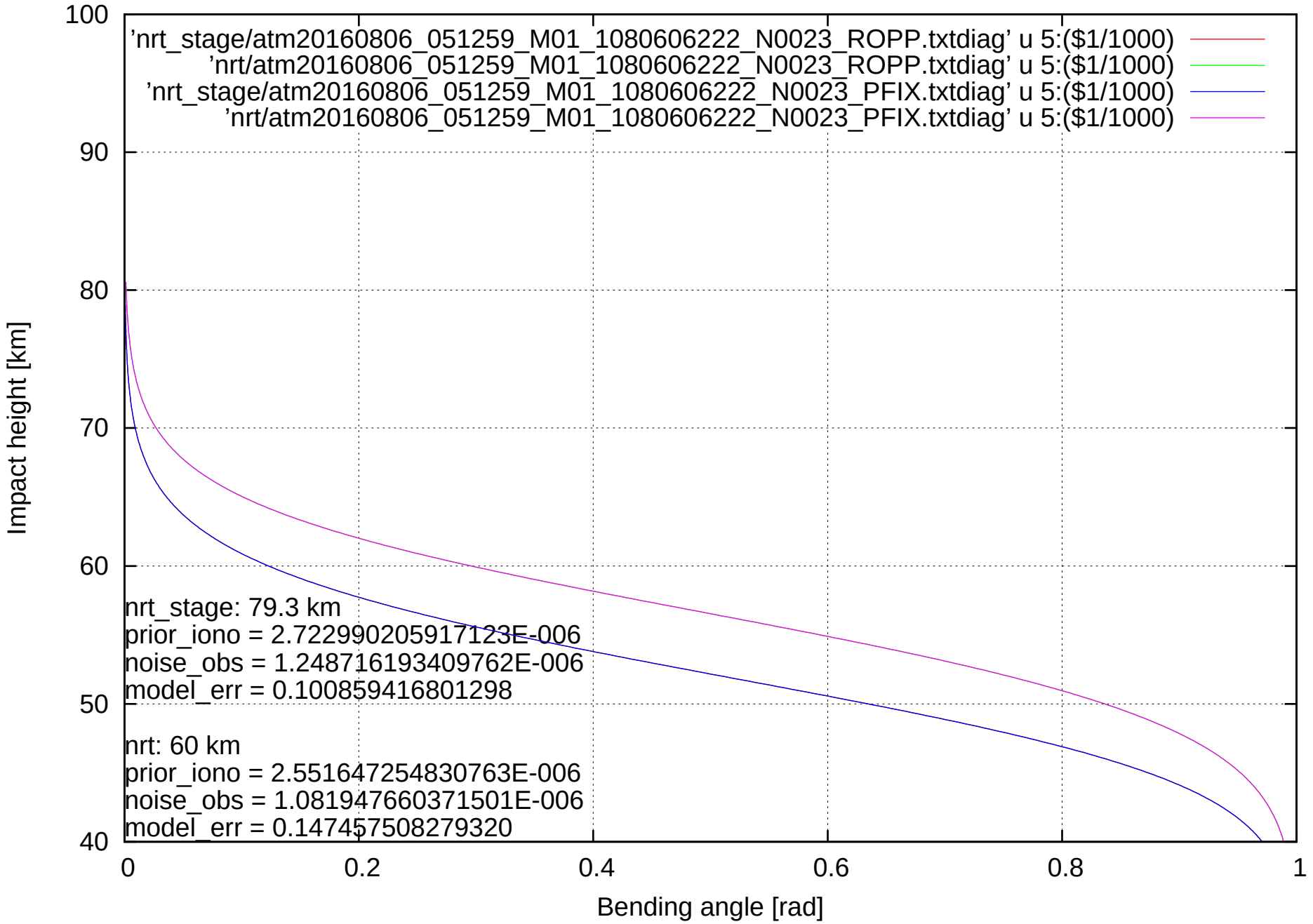

'nrt_stage/atm20160806_051259_M01_1080606222_N0023_XXXX.txt2a' u 3:($1/1000)
'nrt/atm20160806_051259_M01_1080606222_N0023_XXXX.txt2a' u 3:($1/1000)
Altitude [km]
100
90
80
70
60
50
40
-0.1
-0.05
0
0.05
0.1
0.15
0.2
Refractivity [N-units]

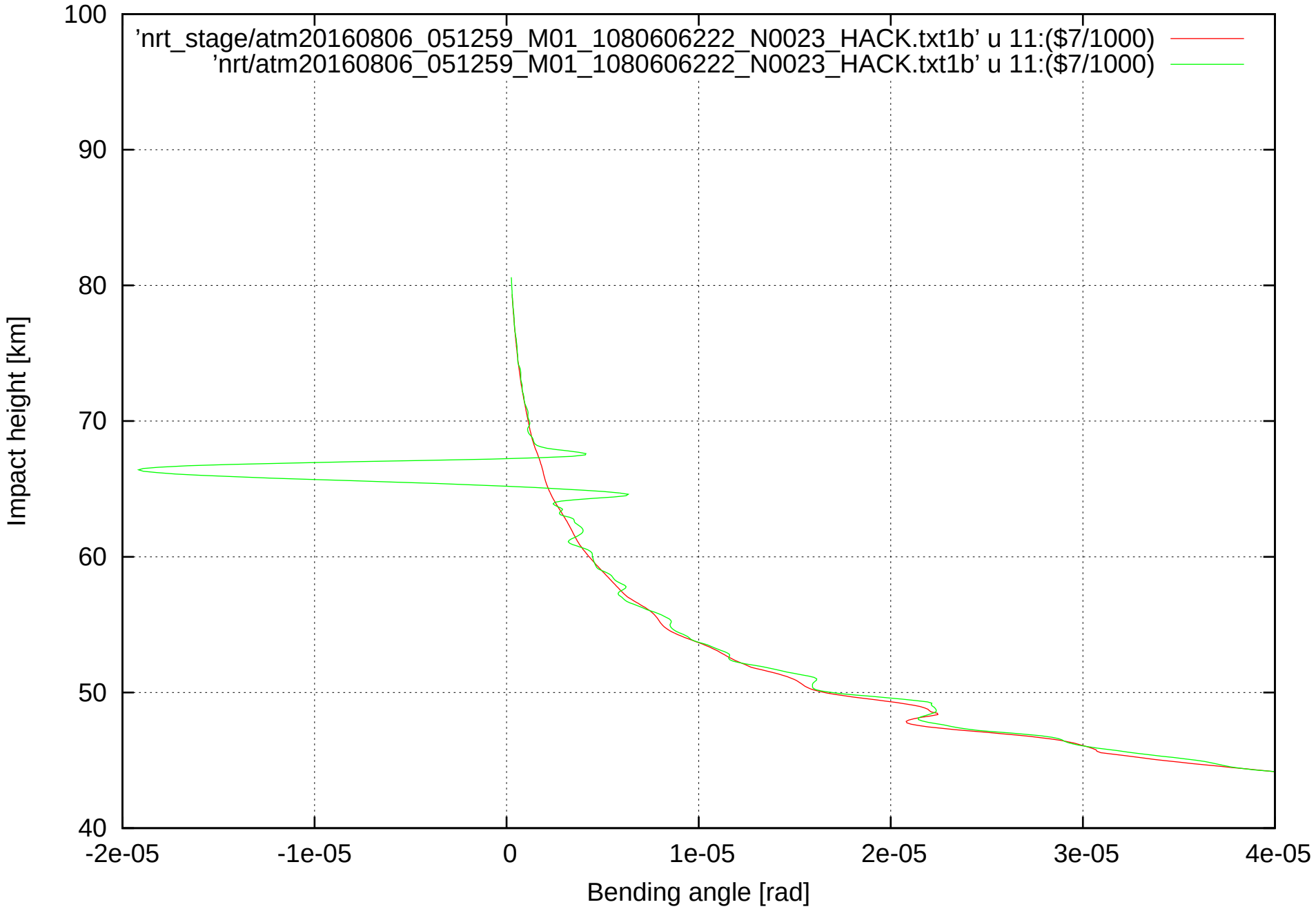

'nrt_stage/atm20160806_051259_M01_1080606222_N0023_XXXX.txt1b' u 10:($6/1000)
'nrt/atm20160806_051259_M01_1080606222_N0023_XXXX.txt1b' u 10:($6/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

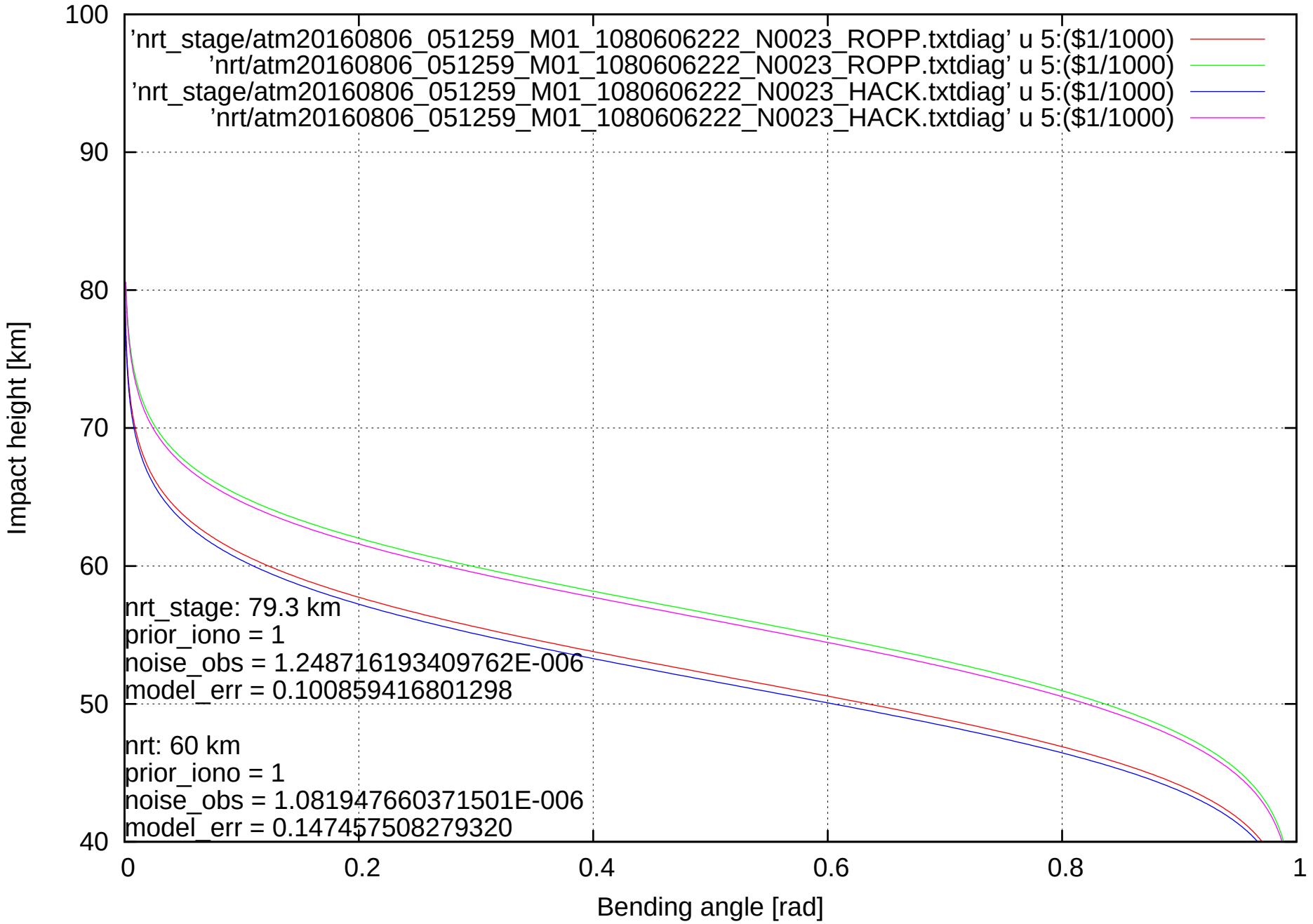

'nrt_stage/atm20160806_051259_M01_1080606222_N0023_ROPP.txt1b' u 11:($7/1000)
'nrt/atm20160806_051259_M01_1080606222_N0023_ROPP.txt1b' u 11:($7/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

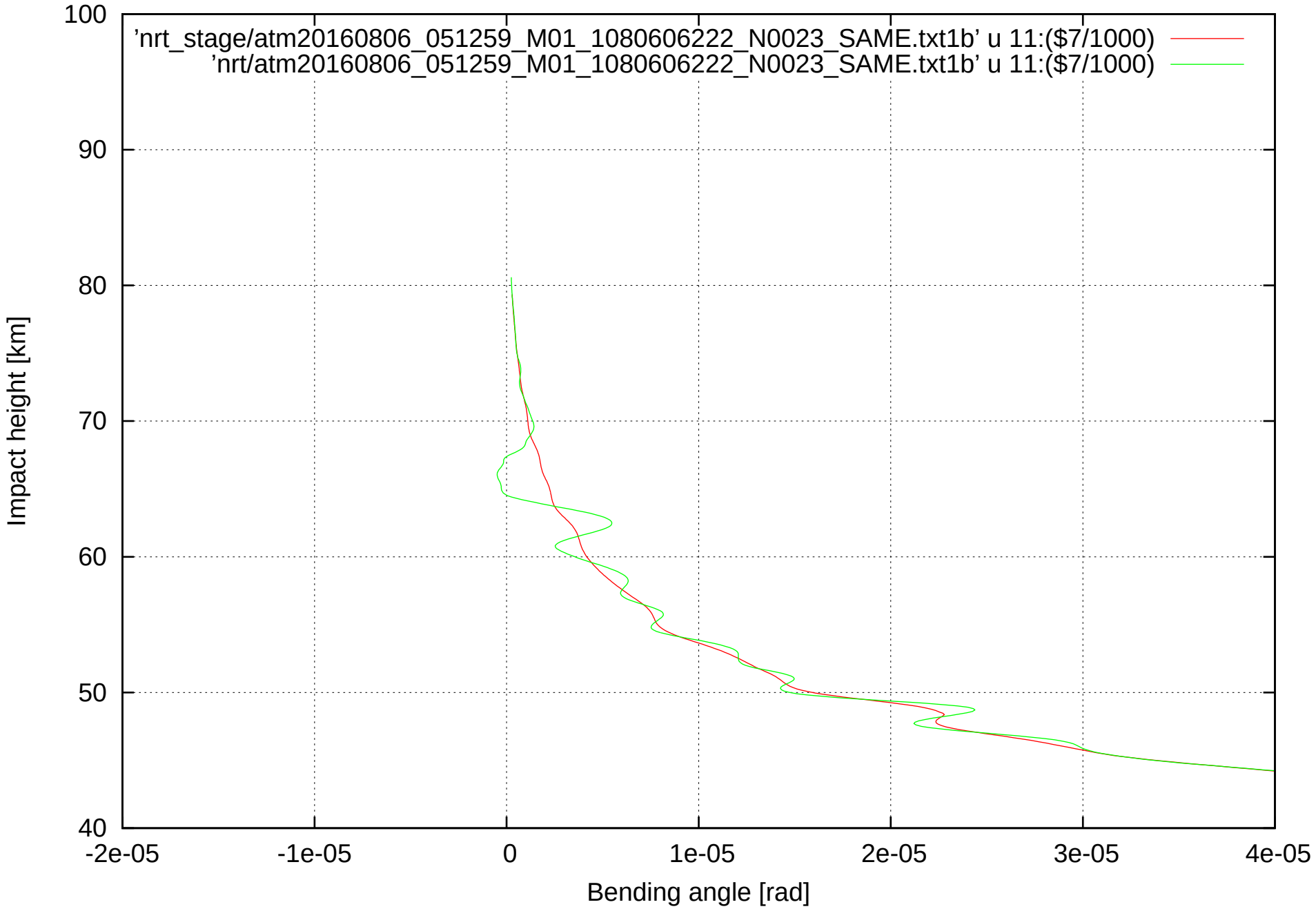

'nrt_stage/atm20160806_051259_M01_1080606222_N0023_ROPP.txt1b' u 10:($6/1000)
'nrt/atm20160806_051259_M01_1080606222_N0023_ROPP.txt1b' u 10:($6/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]

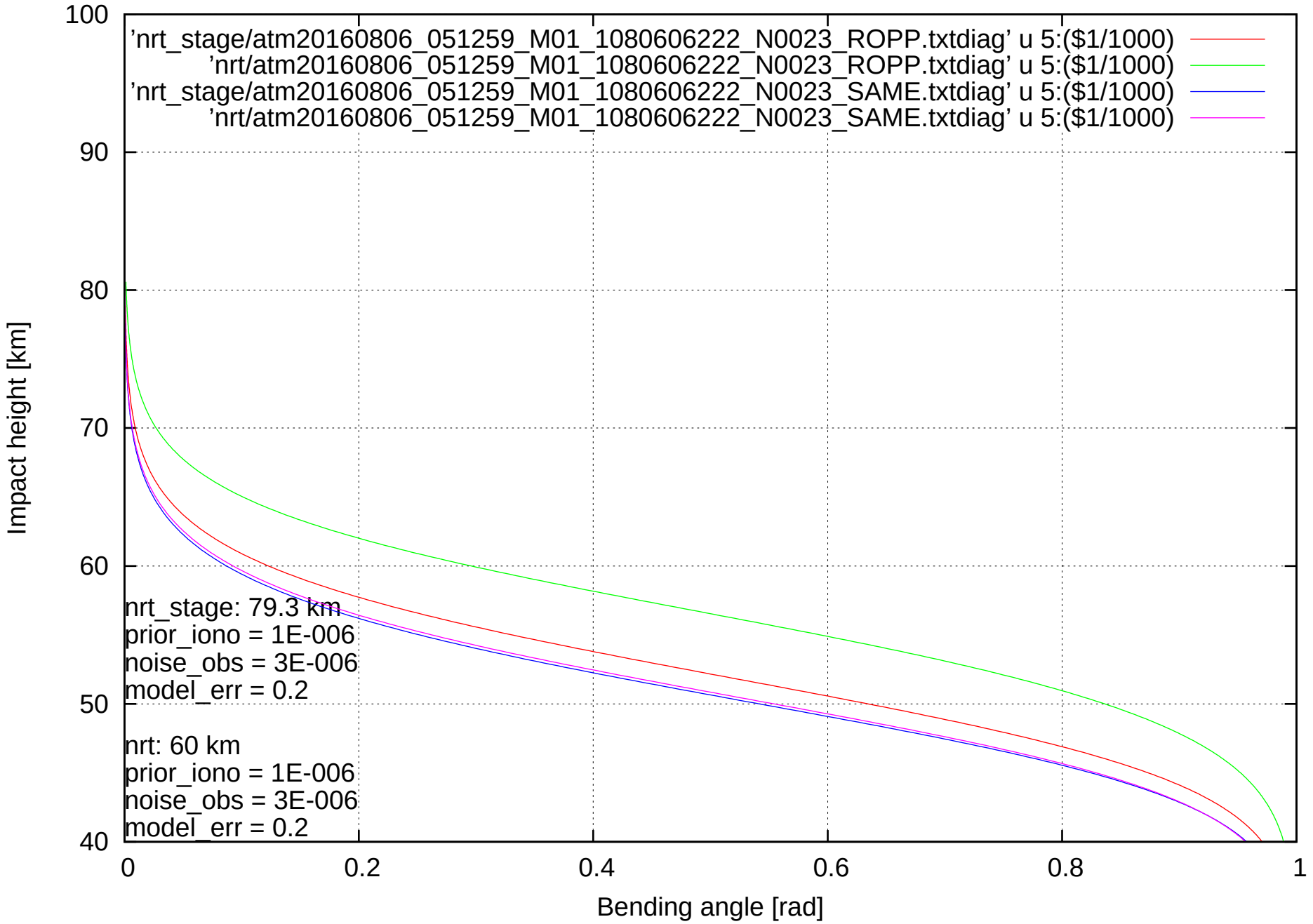

'nrt_stage/atm20160806_051259_M01_1080606222_N0023_PFIX.txt1b' u 11:($7/1000)
'nrt/atm20160806_051259_M01_1080606222_N0023_PFIX.txt1b' u 11:($7/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]


'nrt_stage/atm20160806_051259_M01_1080606222_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt/atm20160806_051259_M01_1080606222_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt_stage/atm20160806_051259_M01_1080606222_N0023_PFIX.txtdiag' u 5:($1/1000)
'nrt/atm20160806_051259_M01_1080606222_N0023_PFIX.txtdiag' u 5:($1/1000)
nrt_stage: 79.3 km
prior_iono = 2.72299020591712 3E-006
noise_obs = 1.248716193409762E-006
model_err = 0.100859416801298
nrt: 60 km
prior_iono = 2.551647254830763E-006
noise_obs = 1.081947660371501E-006
model_err = 0.147457508279320
Impact height [km]
Bending angle [rad]
100
90
80
70
60
50
40
0
0.2
0.4
0.6
0.8
1


'nrt_stage/atm20160806_051259_M01_1080606222_N0023_HACK.txt1b' u 11:($7/1000)
'nrt/atm20160806_051259_M01_1080606222_N0023_HACK.txt1b' u 11:($7/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]


'nrt_stage/atm20160806_051259_M01_1080606222_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt/atm20160806_051259_M01_1080606222_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt_stage/atm20160806_051259_M01_1080606222_N0023_HACK.txtdiag' u 5:($1/1000)
'nrt/atm20160806_051259_M01_1080606222_N0023_HACK.txtdiag' u 5:($1/1000)
nrt_stage: 79.3 km
prior_iono = 1
noise_obs = 1.248716193409762E-006
model_err = 0.100859416801298
nrt: 60 km
prior_iono = 1
noise_obs = 1.081947660371501E-006
model_err = 0.147457508279320
Impact height [km]
Bending angle [rad]
100
90
80
70
60
50
40
0
0.2
0.4
0.6
0.8
1


'nrt_stage/atm20160806_051259_M01_1080606222_N0023_SAME.txt1b' u 11:($7/1000)
'nrt/atm20160806_051259_M01_1080606222_N0023_SAME.txt1b' u 11:($7/1000)
Impact height [km]
100
90
80
70
60
50
40
-2e-05
-1e-05
0
1e-05
2e-05
3e-05
4e-05
Bending angle [rad]


'nrt_stage/atm20160806_051259_M01_1080606222_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt/atm20160806_051259_M01_1080606222_N0023_ROPP.txtdiag' u 5:($1/1000)
'nrt_stage/atm20160806_051259_M01_1080606222_N0023_SAME.txtdiag' u 5:($1/1000)
'nrt/atm20160806_051259_M01_1080606222_N0023_SAME.txtdiag' u 5:($1/1000)
nrt_stage: 79.3 km
prior_iono = 1E-006
noise_obs = 3E-006
model_err = 0.2
nrt: 60 km
prior_iono = 1E-006
noise_obs = 3E-006
model_err = 0.2
Impact height [km]
Bending angle [rad]
100
90
80
70
60
50
40
0
0.2
0.4
0.6
0.8
1