

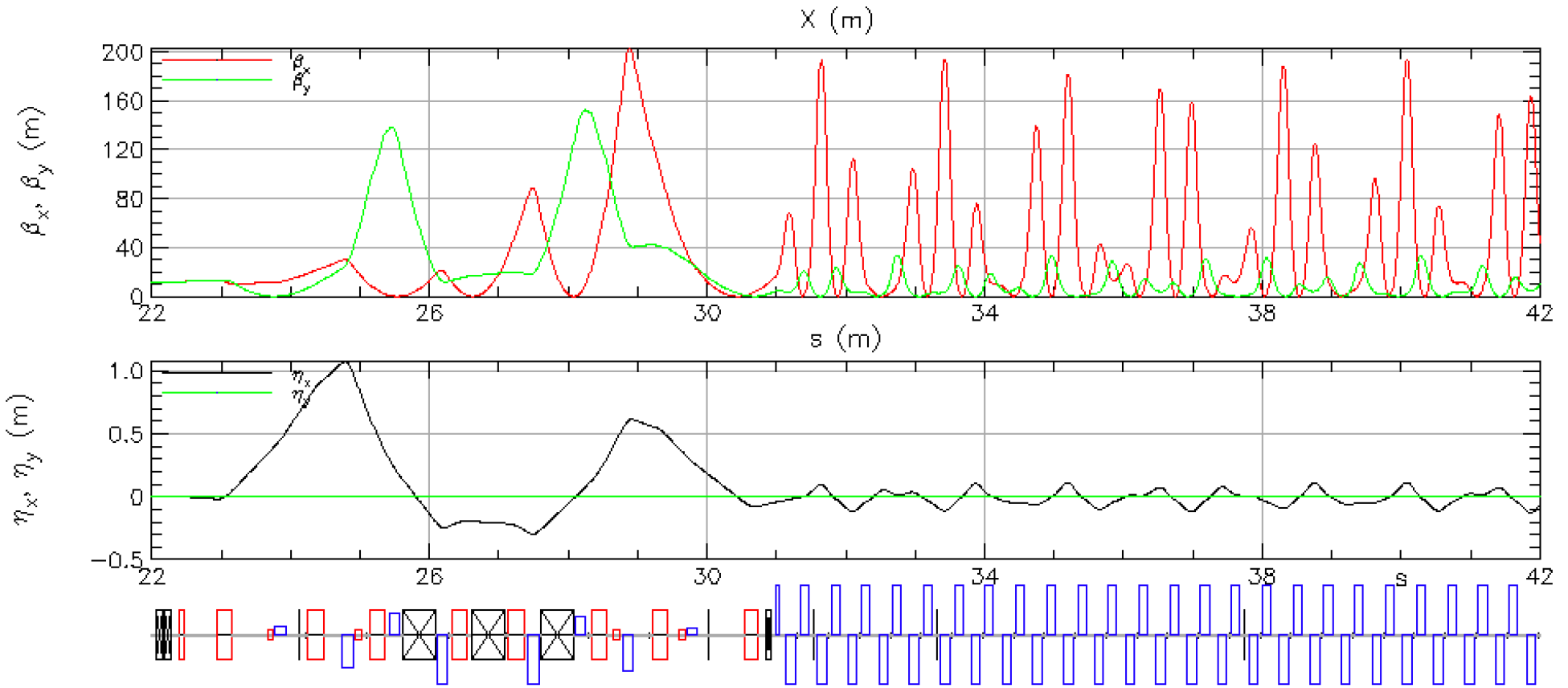
S1 splitter line with present quad settings

THE S1 line operational quad settings

MS1QUA01	0.519526
MS1QUA02	-1.77904
MS1QUA03	1.26356
MS1QUA04	-3.94512
MS1QUA05	-2.88508
MS1QUA06	1.03945
MS1QUA07	-1.96665
MS1QUA08	0.442363

S1 line **model** settings

MS1QUA01	0.55
MS1QUA02	-1.72857
MS1QUA03	1.3028
MS1QUA04	-3.945121
MS1QUA05	-2.816752
MS1QUA06	0.9855823
MS1QUA07	-1.9157553
MS1QUA08	0.4316211



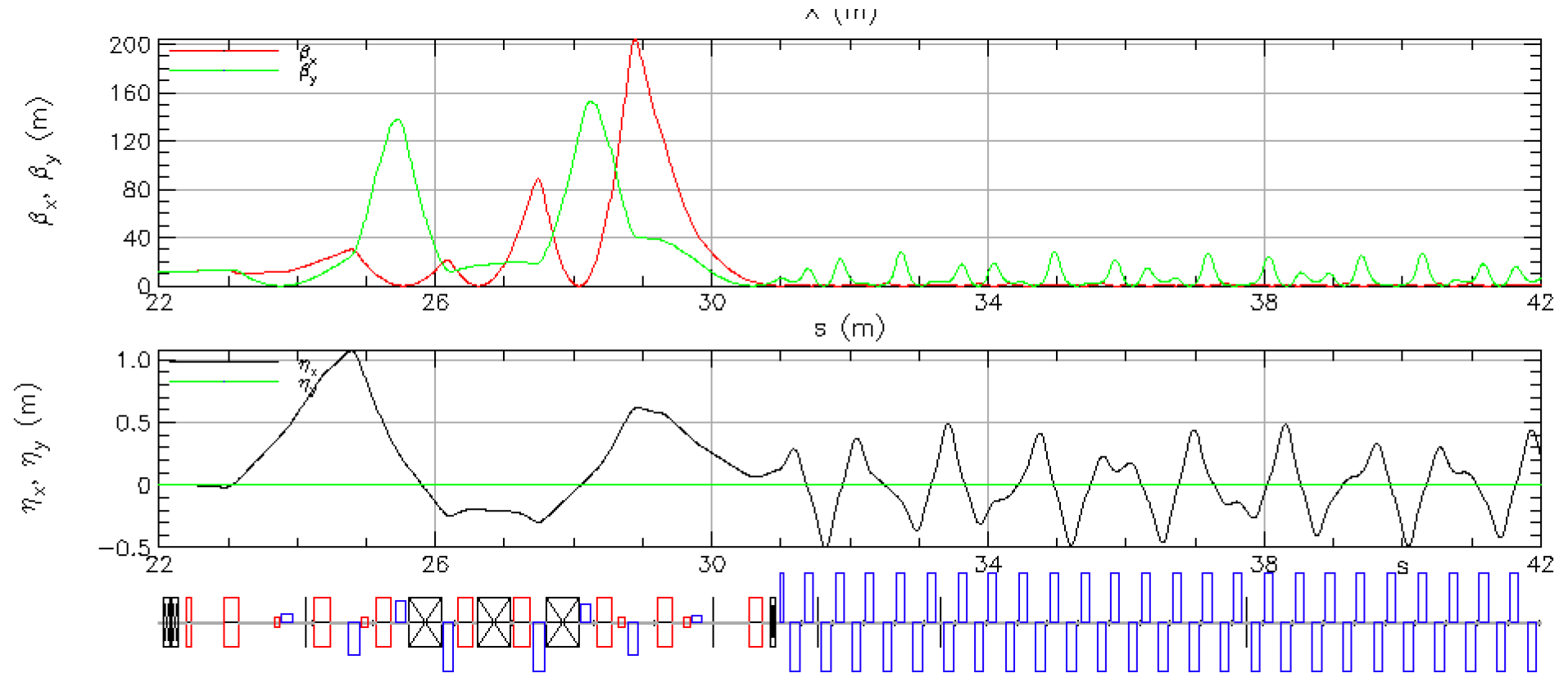
S1 splitter line with tweaking two last quadrupoles settings

THE S1 line operational quad settings

MS1QUA01	0.519526
MS1QUA02	-1.77904
MS1QUA03	1.26356
MS1QUA04	-3.94512
MS1QUA05	-2.88508
MS1QUA06	1.03945
MS1QUA07	-1.88
MS1QUA08	0.442363

S2 line **model** settings

MS2QUA01	0.55
MS2QUA02	-1.72857
MS2QUA03	1.3028
MS2QUA04	-3.945121
MS2QUA05	-2.816752
MS2QUA06	0.9855823
MS2QUA07	-1.9157553
MS2QUA08	0.4316211



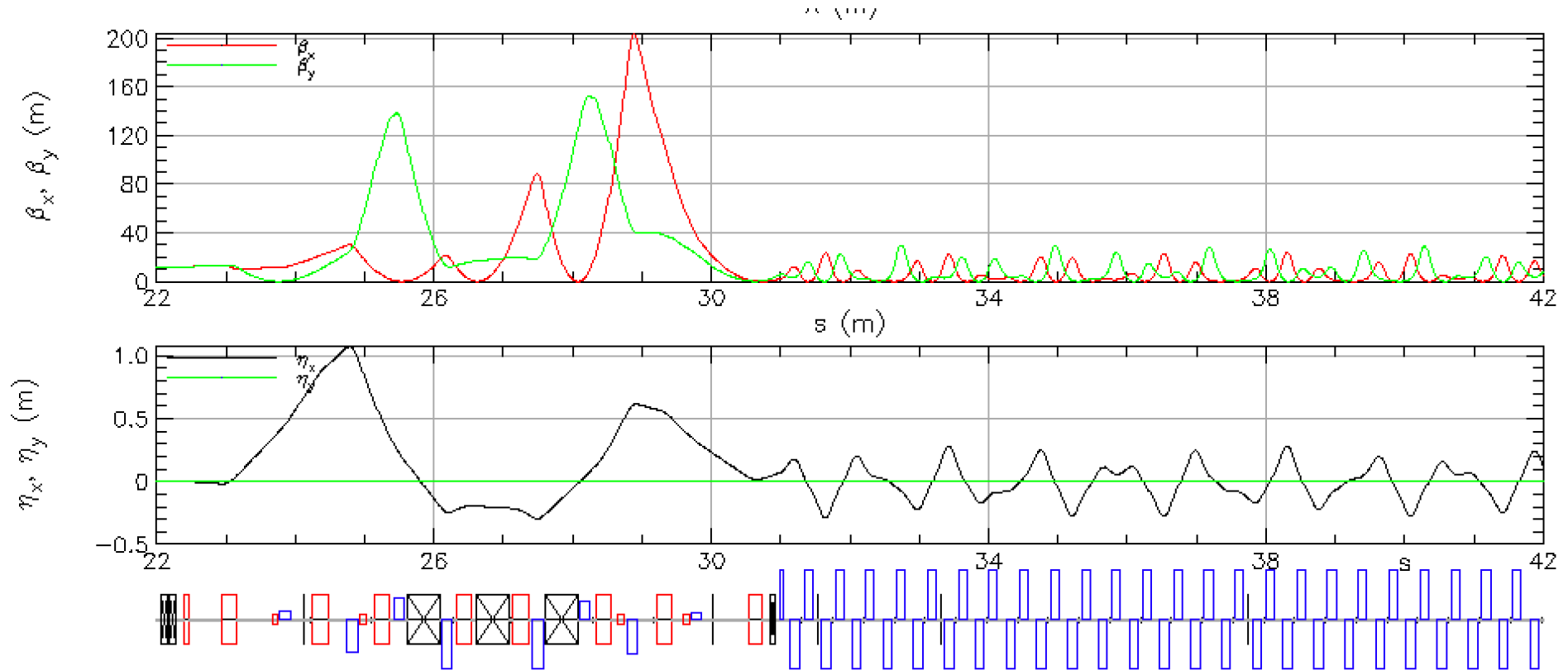
S1 splitter line with tweaking two last quadrupoles settings

THE S1 line operational quad settings

MS1QUA01	0.519526
MS1QUA02	-1.77904
MS1QUA03	1.26356
MS1QUA04	-3.94512
MS1QUA05	-2.88508
MS1QUA06	1.03945
MS1QUA07	-1.9
MS1QUA08	0.442363

S2 line **model** settings

MS2QUA01	0.55
MS2QUA02	-1.72857
MS2QUA03	1.3028
MS2QUA04	-3.945121
MS2QUA05	-2.816752
MS2QUA06	0.9855823
MS2QUA07	-1.9157553
MS2QUA08	0.4316211



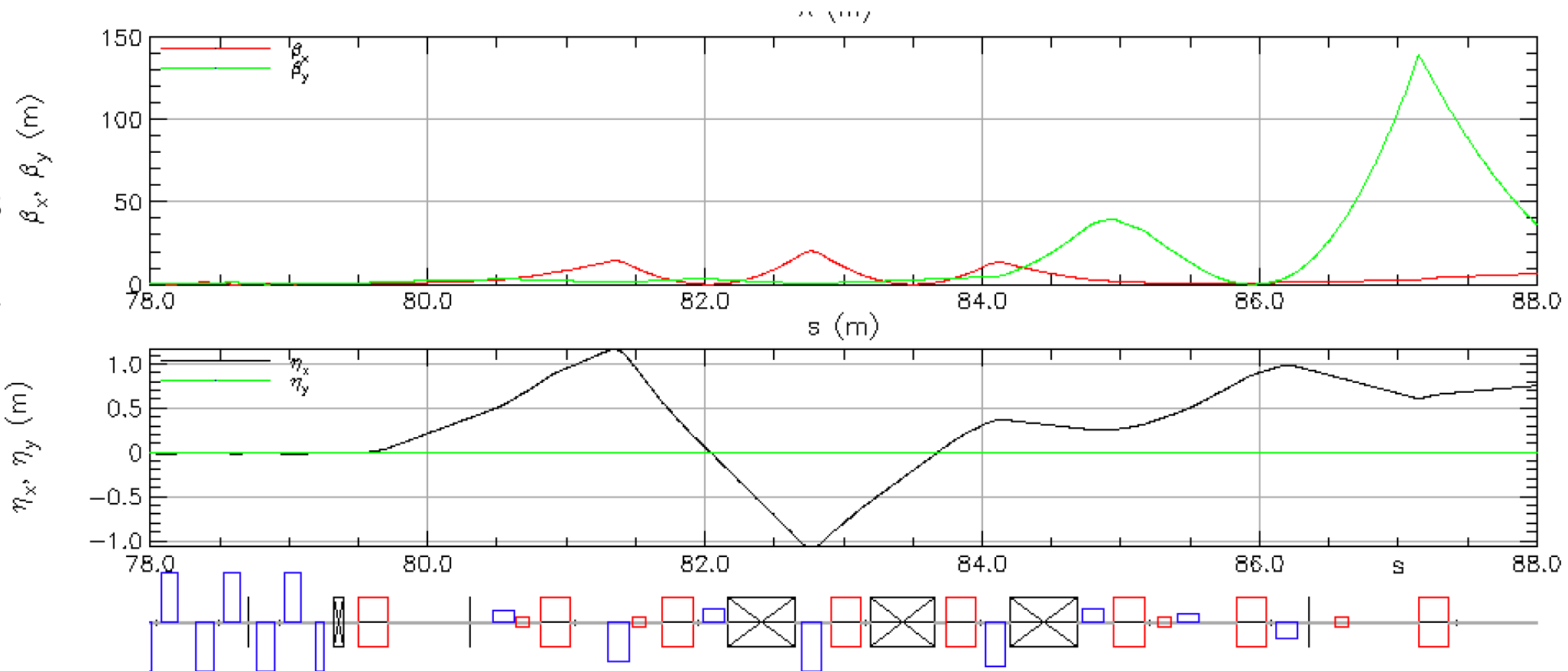
R1 splitter line with present quad settings

THE R1 line operational quad settings

MR1QUA01	-0.889838
MR1QUA02	0.545213
MR1QUA03	0.745081
MR1QUA04	-2.49471
MR1QUA05	-2.70895
MR1QUA06	0.799268
MR1QUA07	-2.22086
MR1QUA08	0.689872

R1 line **model** settings

MR1QUA01	-1.15651
MR1QUA02	0.3925360
MR1QUA03	0.2085024
MR1QUA04	-2.584760
MR1QUA05	-2.636833
MR1QUA06	0.839010
MR1QUA07	-2.30568352
MR1QUA08	0.7282821



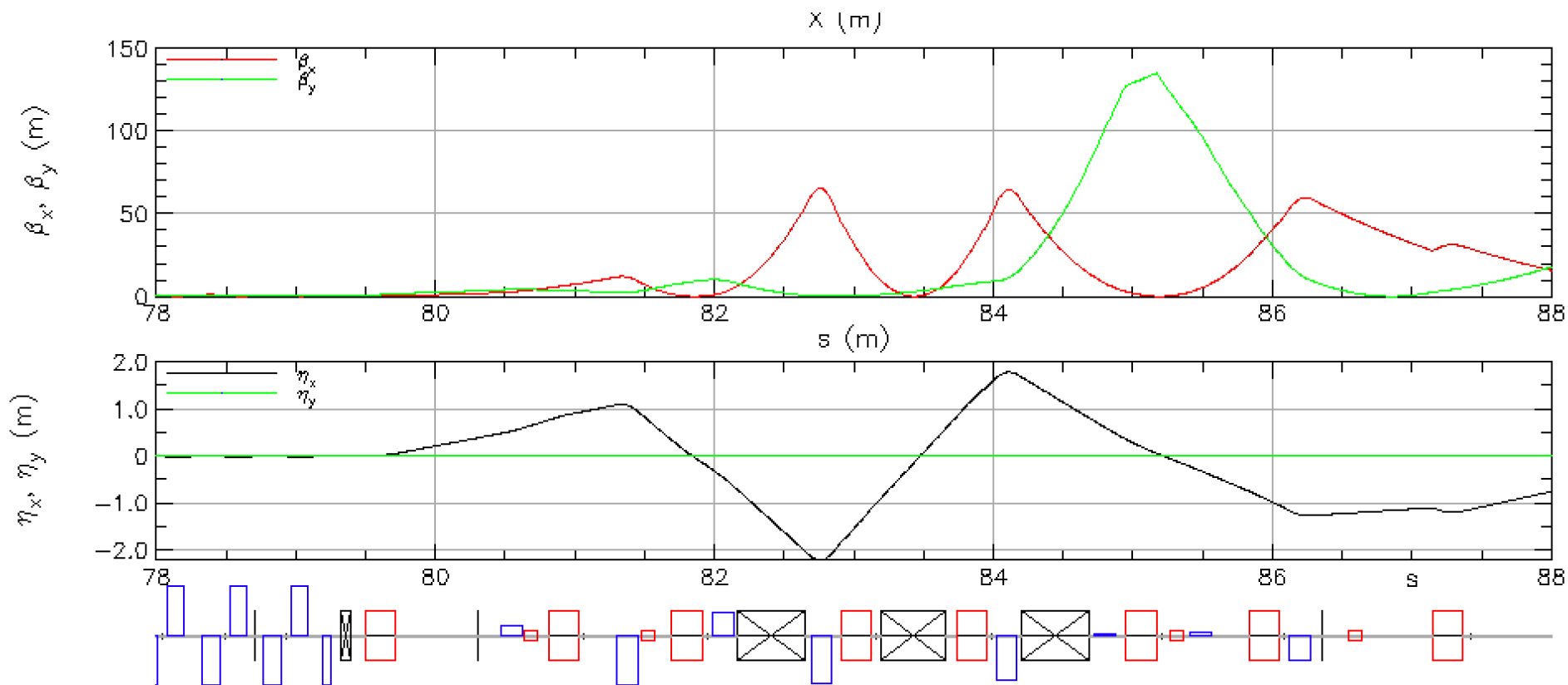
R1 splitter line with present quad settings

THE R1 line operational quad settings

MR1QUA01	-0.889838
MR1QUA02	0.545213
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MR1QUA05	-2.636833
MR1QUA06	0.839010
MR1QUA07	-2.30568352
MR1QUA08	0.7282821



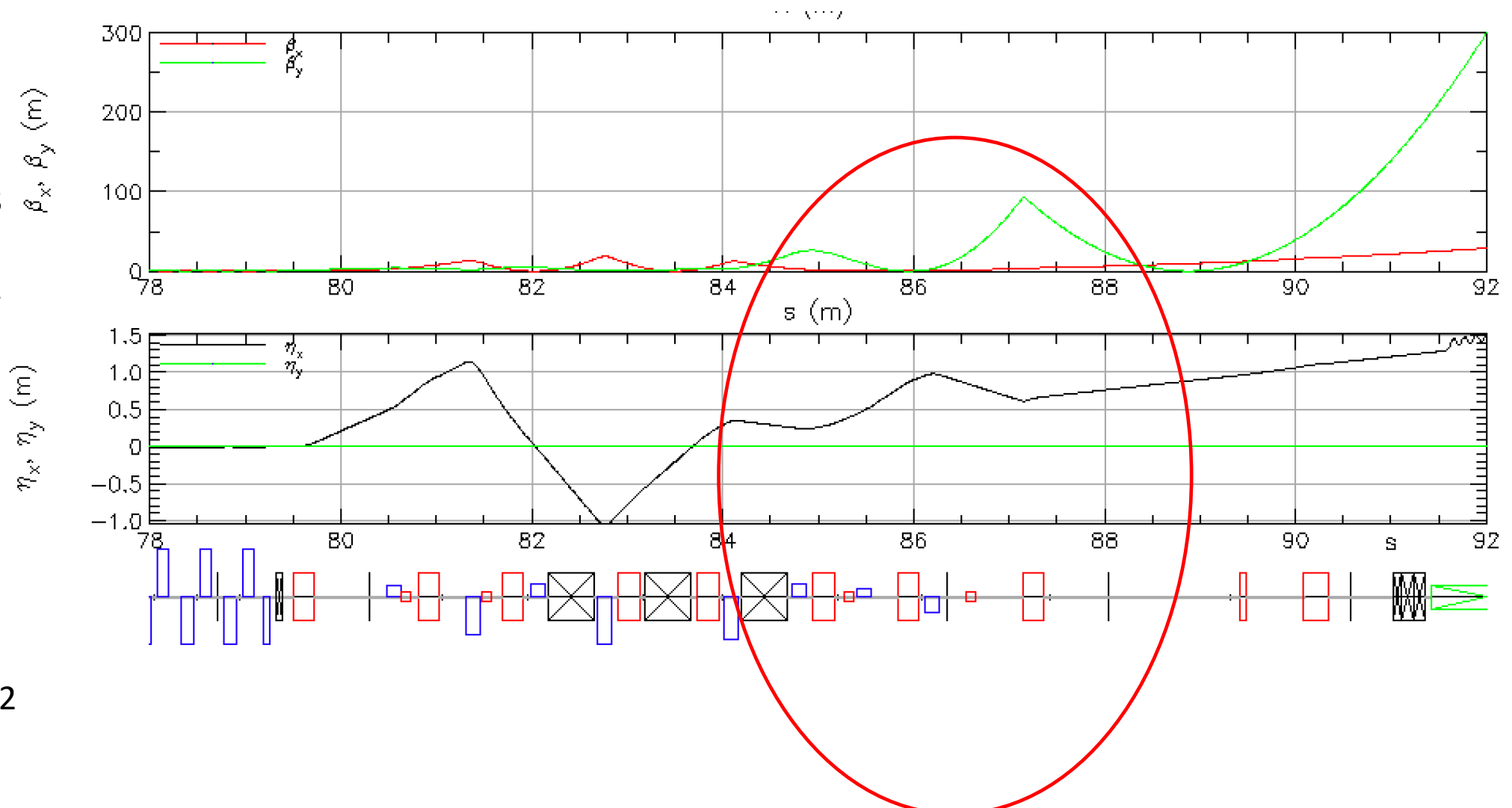
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MR1QUA05	-2.636833
MR1QUA06	0.839010
MR1QUA07	-2.30568352
MR1QUA08	0.7282821



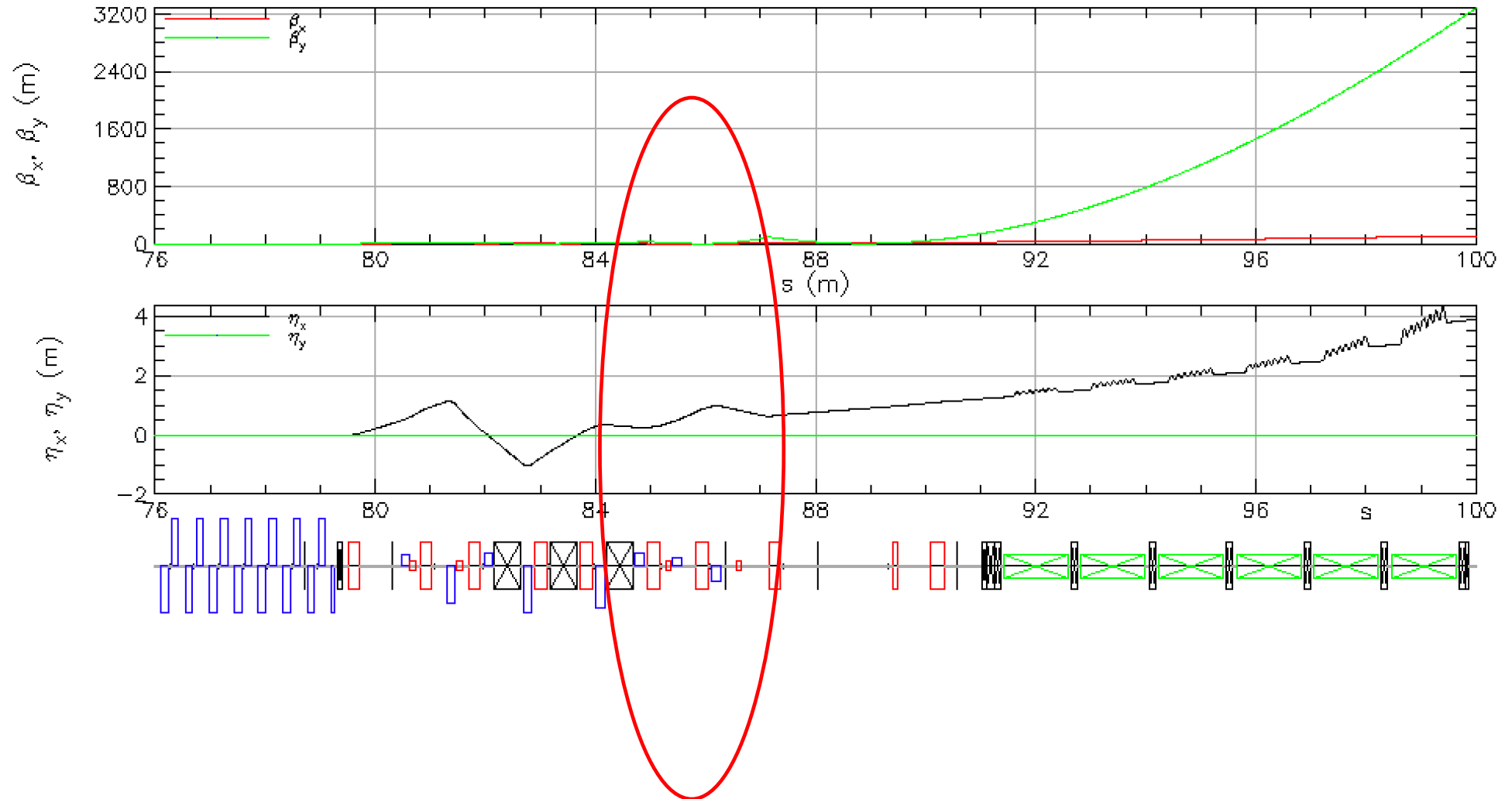
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THE R1 line operational quad settings

MR1QUA01	-0.889838
MR1QUA02	0.545213
MR1QUA03	0.745081
MR1QUA04	-2.49471
MR1QUA05	-2.70895
MR1QUA06	0.799268
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MR1QUA02	0.3925360
MR1QUA03	0.2085024
MR1QUA04	-2.584760
MR1QUA05	-2.636833
MR1QUA06	0.839010
MR1QUA07	-2.30568352
MR1QUA08	0.7282821



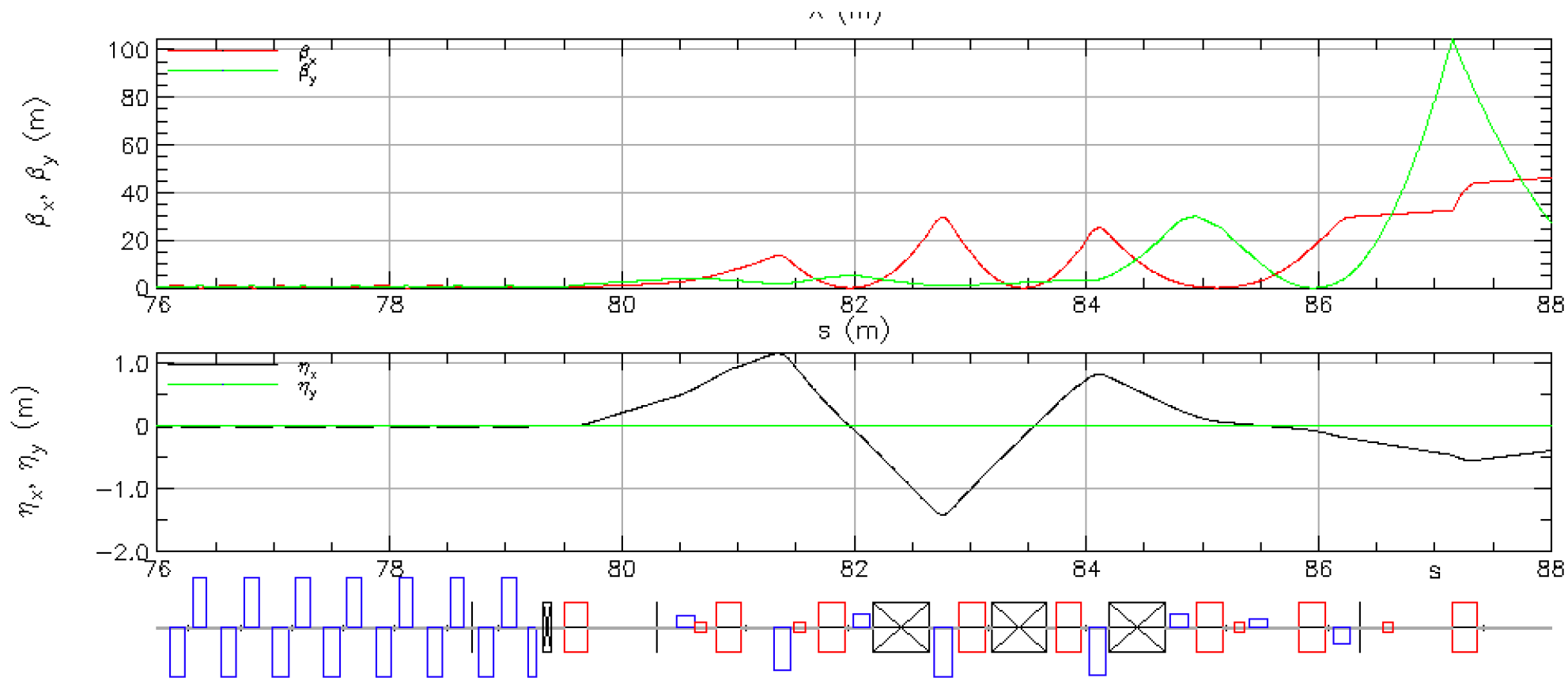
R1 splitter line with present quad settings

THE R1 line operational quad settings

MR1QUA01	-0.889838
MR1QUA02	0.545213
MR1QUA03	0.745081
MR1QUA04	-2.49471
MR1QUA05	-2.70895
MR1QUA06	0.799268
MR1QUA07	-2.22086
MR1QUA08	0.689872

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MR1QUA01	-1.15651
MR1QUA02	0.3925360
MR1QUA03	0.2085024
MR1QUA04	-2.584760
MR1QUA05	-2.636833
MR1QUA06	0.839010
MR1QUA07	-2.30568352
MR1QUA08	0.7282821



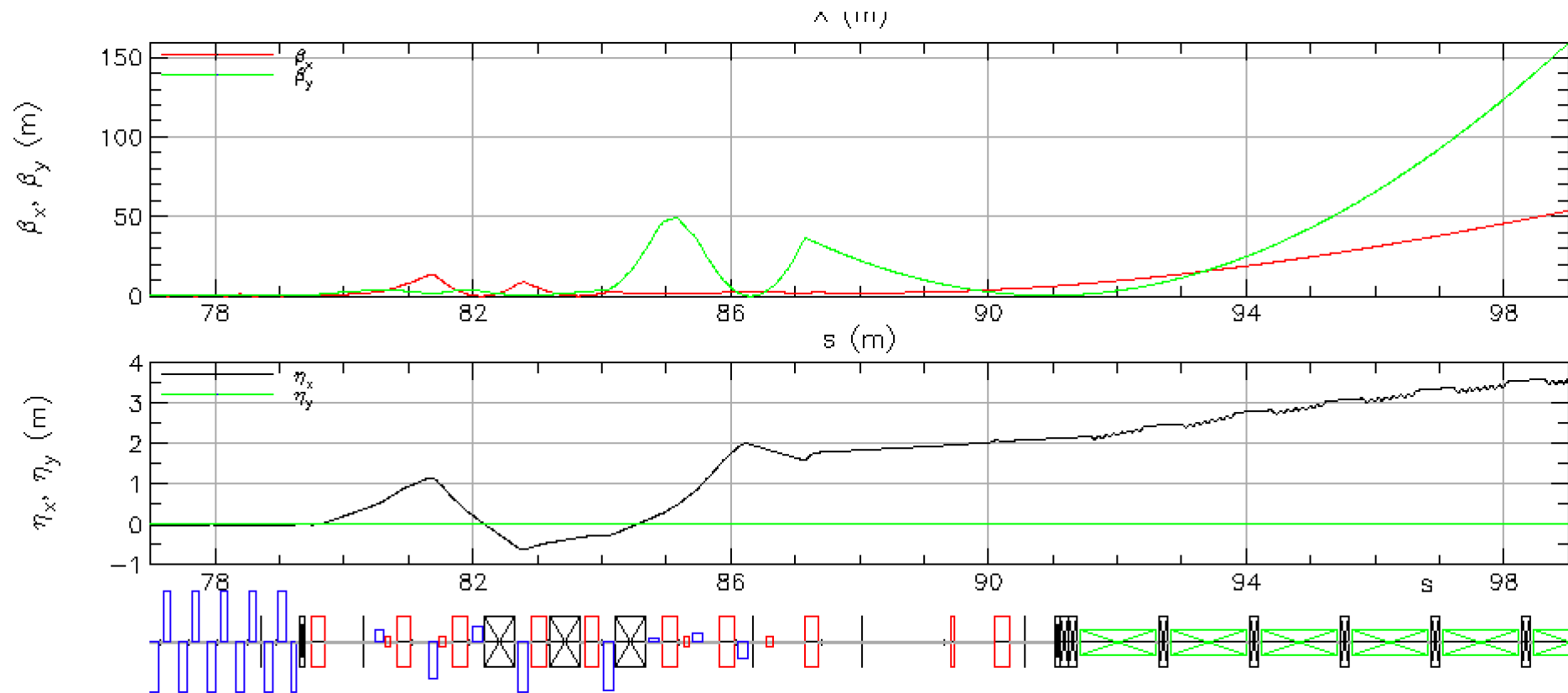
R1 splitter line with present quad settings

THE R1 line operational quad settings

MR1QUA01	-0.889838
MR1QUA02	0.545213
MR1QUA03	0.2 !!!
MR1QUA04	-2.49471
MR1QUA05	-2.70895
MR1QUA06	0.799268
MR1QUA07	-2.22086
MR1QUA08	0.689872

R1 line **model** settings

MR1QUA01	-1.15651
MR1QUA02	0.3925360
MR1QUA03	0.2085024
MR1QUA04	-2.584760
MR1QUA05	-2.636833
MR1QUA06	0.839010
MR1QUA07	-2.30568352
MR1QUA08	0.7282821



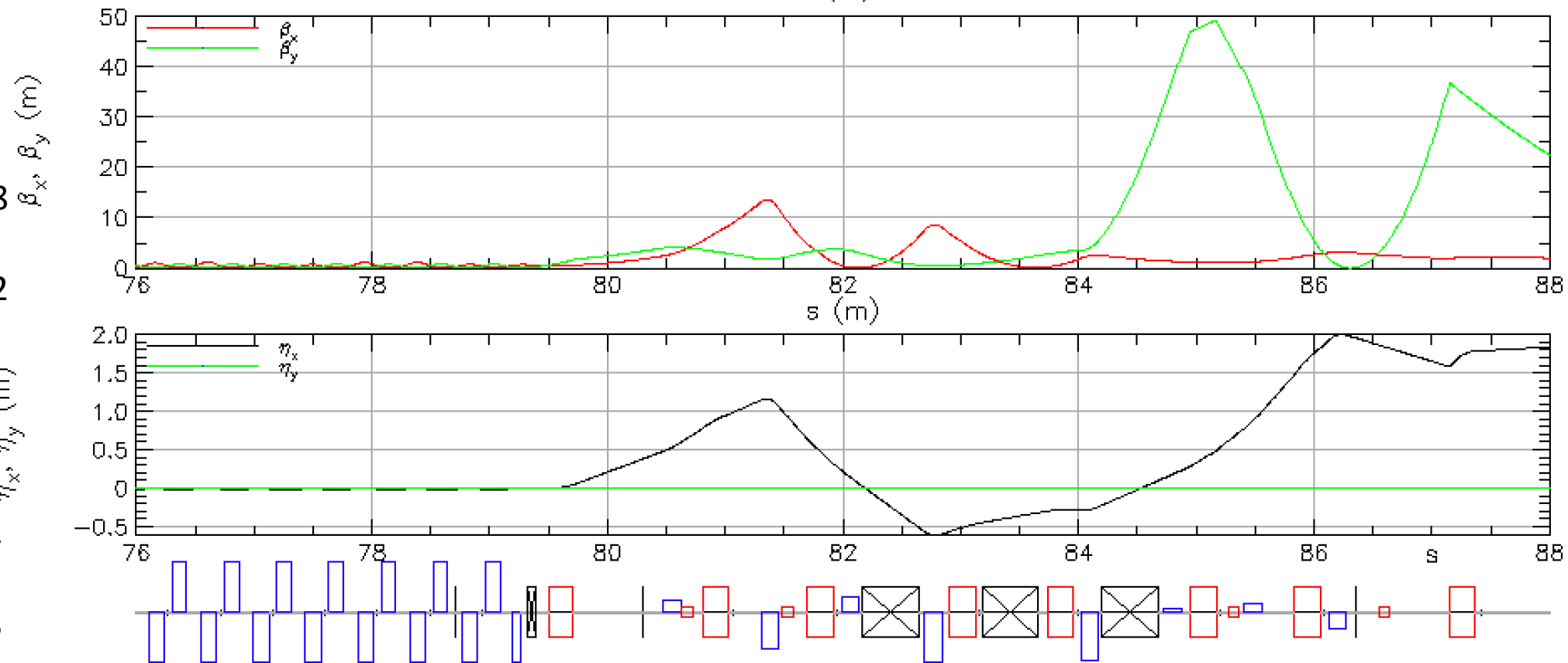
R1 splitter line with present quad settings

THE R1 line operational quad settings

MR1QUA01	-0.889838
MR1QUA02	0.545213
MR1QUA03	0.2 !!!
MR1QUA04	-2.49471
MR1QUA05	-2.70895
MR1QUA06	0.799268
MR1QUA07	-2.22086
MR1QUA08	0.689872

R1 line **model** settings

MR1QUA01	-1.15651
MR1QUA02	0.3925360
MR1QUA03	0.2085024
MR1QUA04	-2.584760
MR1QUA05	-2.636833
MR1QUA06	0.839010
MR1QUA07	-2.30568352
MR1QUA08	0.7282821



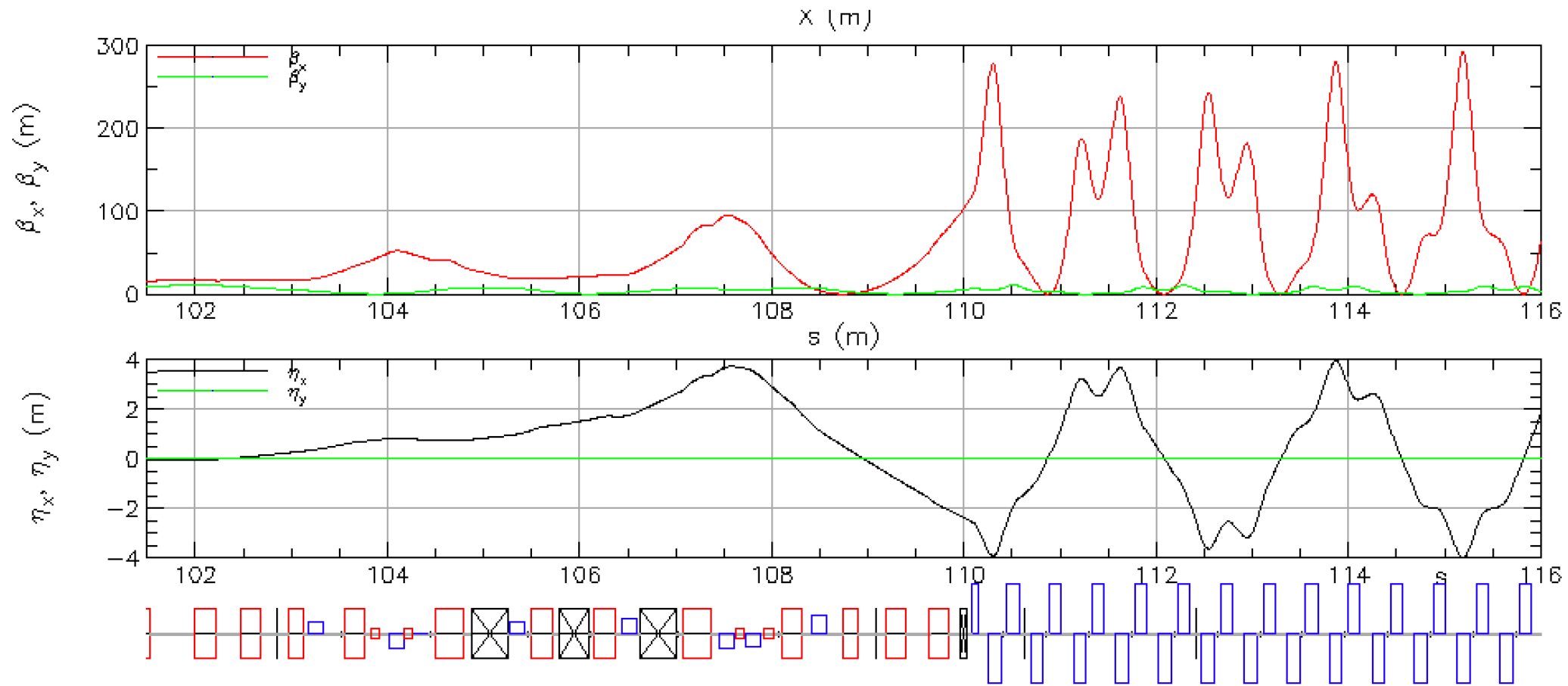
S2 splitter line with present quad settings

THE S2 line operational quad settings

MS2QUA01	1.35655
MS2QUA02	-1.48833
MS2QUA03	0.0
MS2QUA04	1.20968
MS2QUA05	1.6167
MS2QUA06	-1.50519
MS2QUA07	-1.36439
MS2QUA08	2.05432

S2 line **model** settings

MS2QUA01	2.599145
MS2QUA02	-3.01042
MS2QUA03	1.169650
MS2QUA04	0.39177
MS2QUA05	3.69352
MS2QUA06	-1.67649
MS2QUA07	-1.50237
MS2QUA08	3.698035



R2 splitter line with present quad settings

THE R2 line operational quad settings

MR2QUA01 0.483871

MR2QUA02 -1.27218

MR2QUA03 0.806452

MR2QUA04 -0.298387

MR2QUA05 0.0

MR2QUA06 -0.403226

MR2QUA07 -1.20968

MR2QUA08 2.58065

R2 line **model** settings

MR2QUA01 2.7873

MR2QUA02 -1.24533

MR2QUA03 1.245329

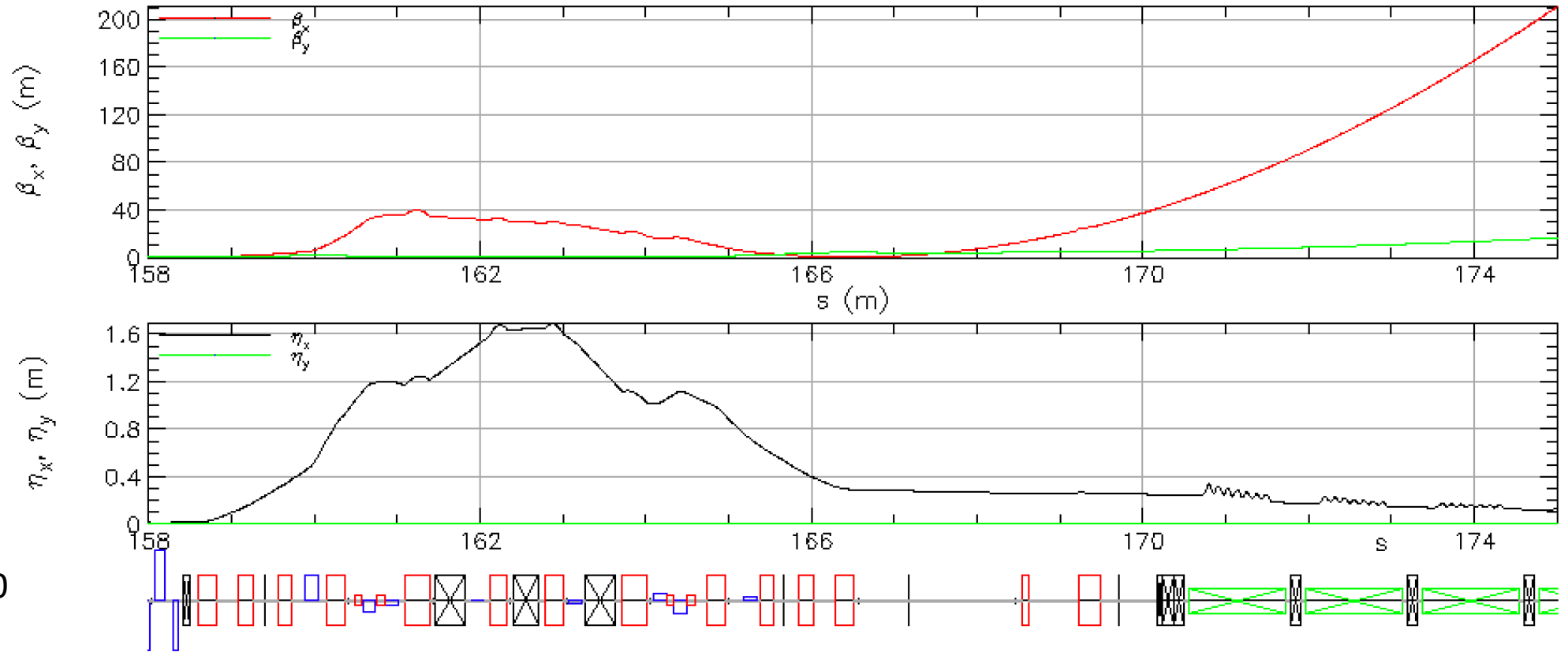
MR2QUA04 0.1465080

MR2QUA05 3.855612

MR2QUA06 -1.594290

MR2QUA07 -1.629398

MR2QUA08 3.856054



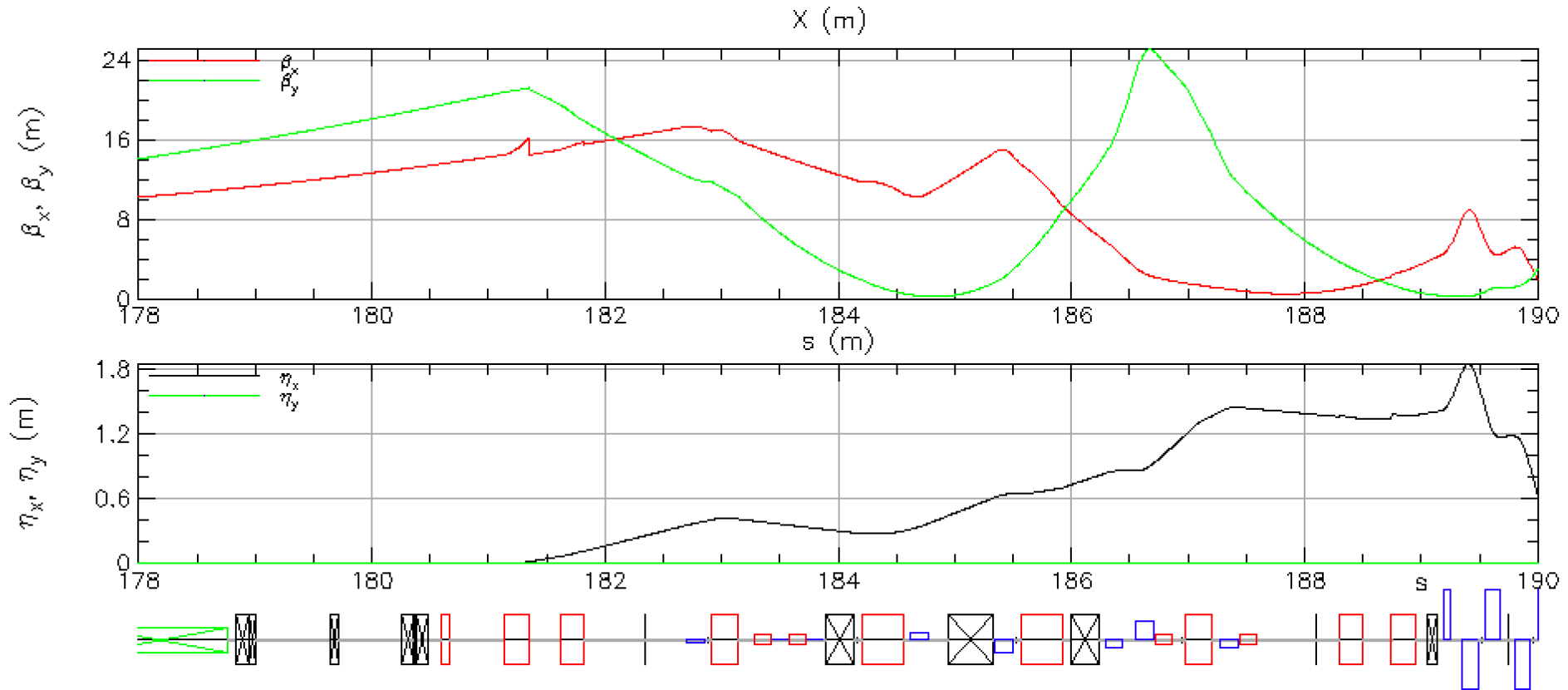
S3 splitter line with present quad settings

THE S3 line operational quad settings

MS3QUA01 -0.483871
MS3QUA02 0.0
MS3QUA03 0.0
MS3QUA04 1.18558
MS3QUA05 -1.83468
MS3QUA06 -1.12903
MS3QUA07 2.78226
MS3QUA08 -1.26784

S3 line **model** settings

MS3QUA01 -1.032832
MS3QUA02 4.5925384
MS3QUA03 -5.5218684
MS3QUA04 5.5173848
MS3QUA05 -3.65230563
MS3QUA06 -2.63209773
MS3QUA07 3.45615505
MS3QUA08 -1.7033234



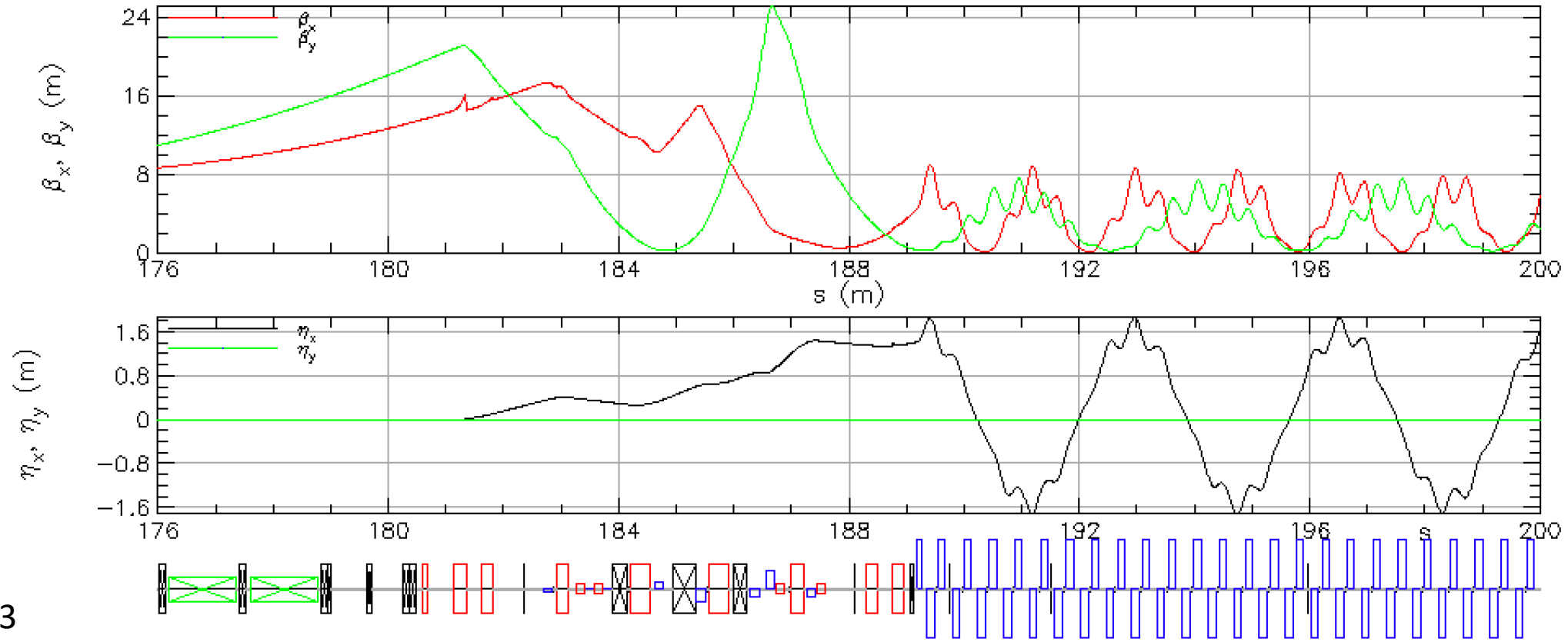
S3 splitter line with present quad settings

THE S3 line operational quad settings

MS3QUA01 -0.483871
MS3QUA02 0.0
MS3QUA03 0.0
MS3QUA04 1.18558
MS3QUA05 -1.83468
MS3QUA06 -1.12903
MS3QUA07 2.78226
MS3QUA08 -1.26784

S3 line **model** settings

MS3QUA01 -1.032832
MS3QUA02 4.5925384
MS3QUA03 -5.5218684
MS3QUA04 5.5173848
MS3QUA05 -3.65230563
MS3QUA06 -2.63209773
MS3QUA07 3.45615505
MS3QUA08 -1.7033234



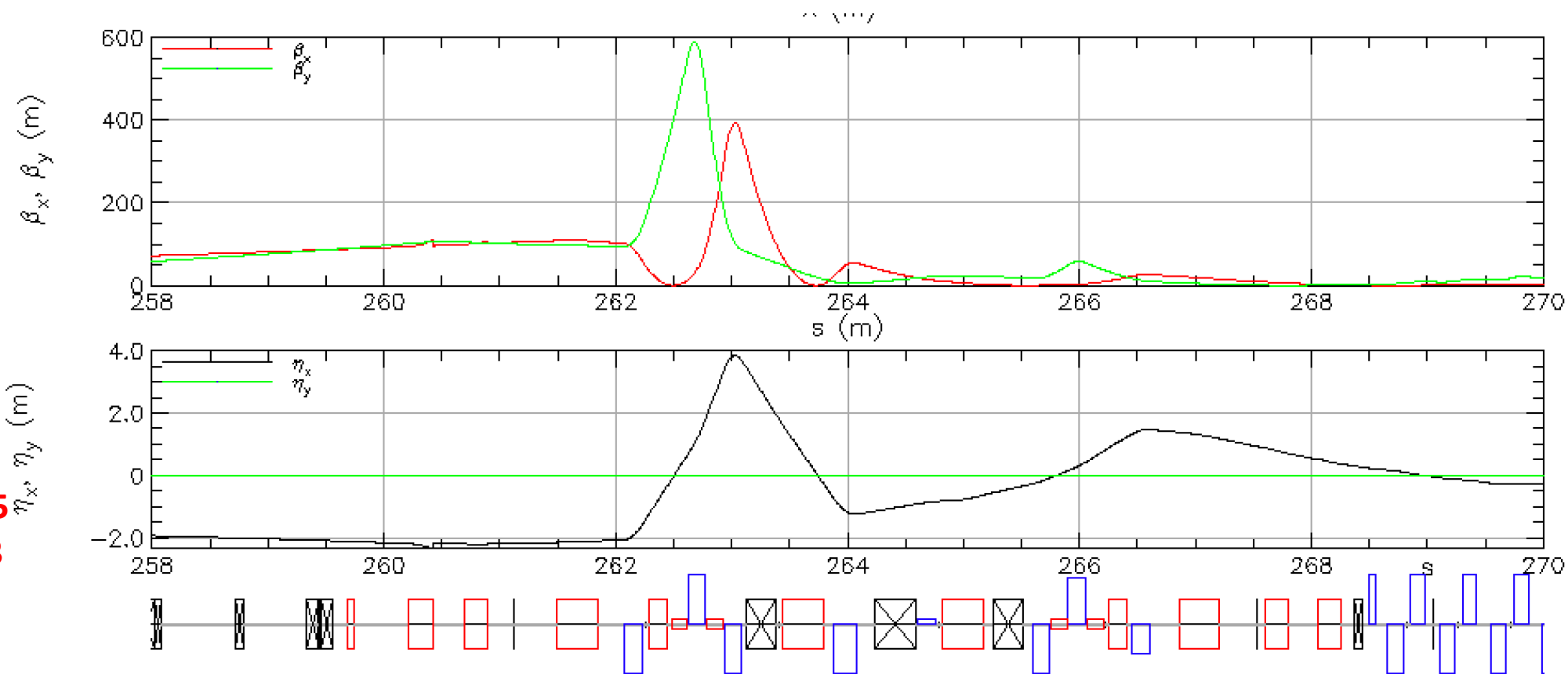
R3 splitter line with present quad settings

THE R3 line operational quad settings

MR3QUA01 -0.524194
MR3QUA02 0.188615
MR3QUA03 **-3.12562**
MR3QUA04 1.06163
MR3QUA05 -1.12903
MR3QUA06 -1.56417
MR3QUA07 0.0
MR3QUA08 -0.739234

R3 line **model** settings

MR3QUA01 -0.49513154
MR3QUA02 **3.025691965**
MR3QUA03 **-4.815054903**
MR3QUA04 4.816027101
MR3QUA05 -2.61177555
MR3QUA06 -3.91237865
MR3QUA07 4.0319113
MR3QUA08 -1.34936636



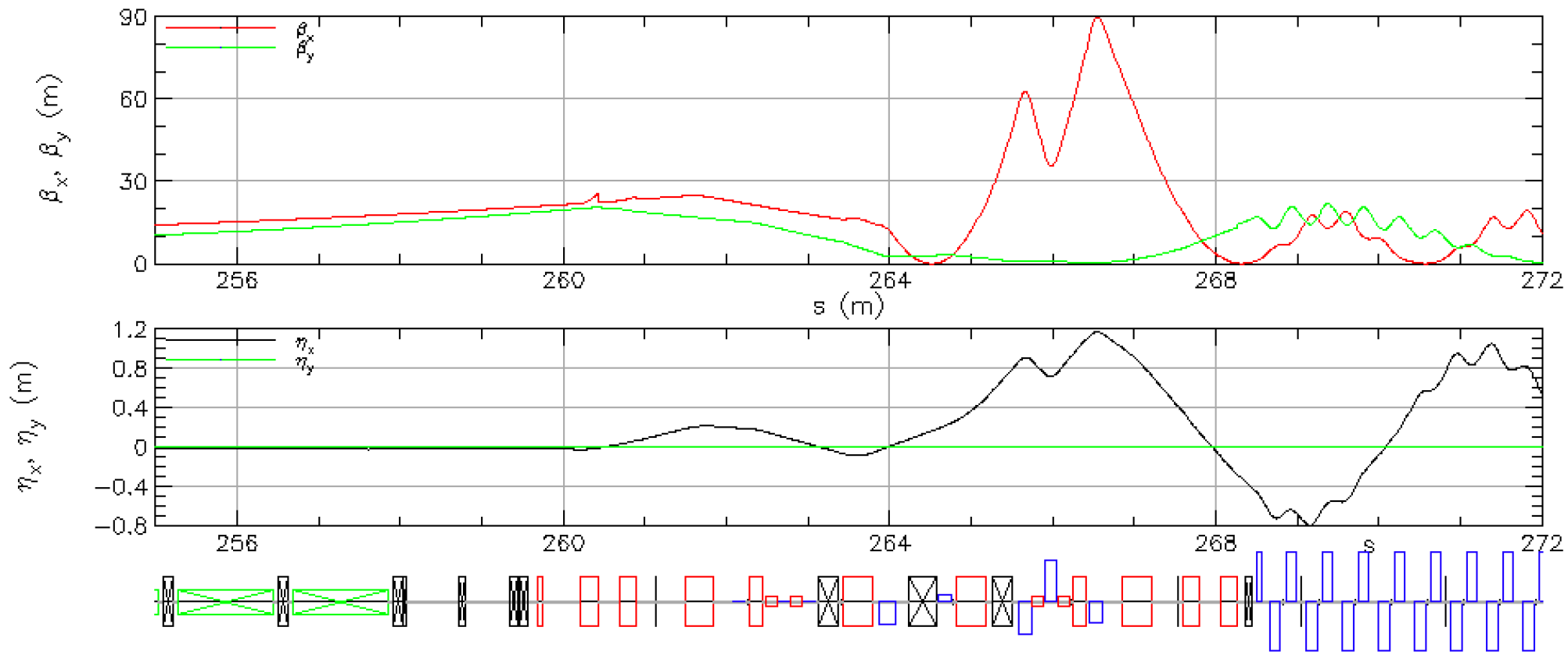
S4 splitter line with present quad settings

THE S4 line operational quad settings

MS4QUA01	0.0
MS4QUA02	0.0
MS4QUA03	0.0
MS4QUA04	-4.4172
MS4QUA05	1.37097
MS4QUA06	-6.57453
MS4QUA07	8.41242
MS4QUA08	-4.12153

S4 line **model** settings

MS4QUA01	-9.9710105
MS4QUA02	11.2684686
MS4QUA03	-13.95217185
MS4QUA04	-13.5757054
MS4QUA05	1.232206794
MS4QUA06	-11.5031459
MS4QUA07	9.51716218
MS4QUA08	-5.79265815



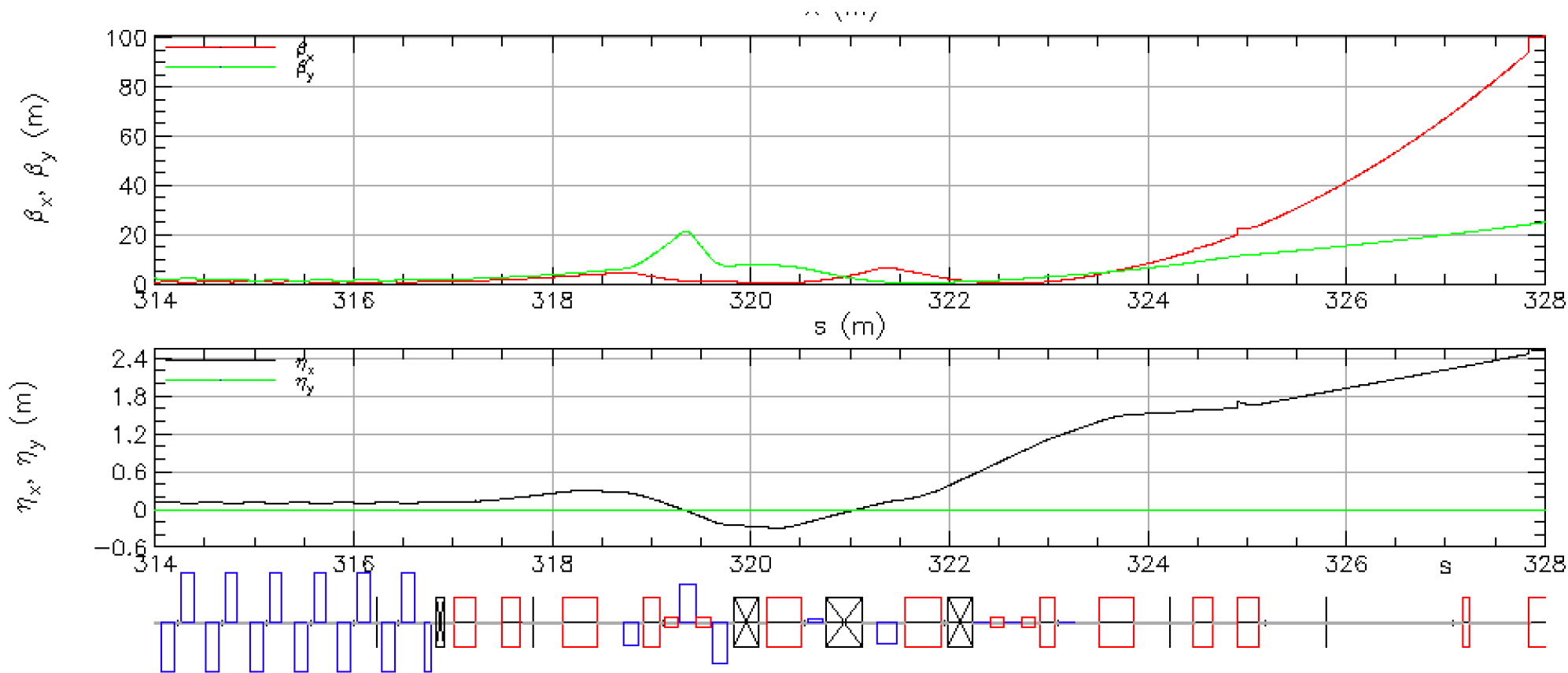
R4 splitter line with present quad settings

THE R4 line operational quad settings

MR4QUA01	0.0
MR4QUA02	0.0
MR4QUA03	0.0
MR4QUA04	-4.2626
MR4QUA05	0.645161
MR4QUA06	-8.07213
MR4QUA07	7.65238
MR4QUA08	-4.36509

R4 line **model** settings

MR4QUA01	-9.9710105
MR4QUA02	11.2684686
MR4QUA03	-13.9521719
MR4QUA04	-13.5757054
MR4QUA05	1.23220679
MR4QUA06	-11.5031459
MR4QUA07	9.51716218
MR4QUA08	-5.7926581



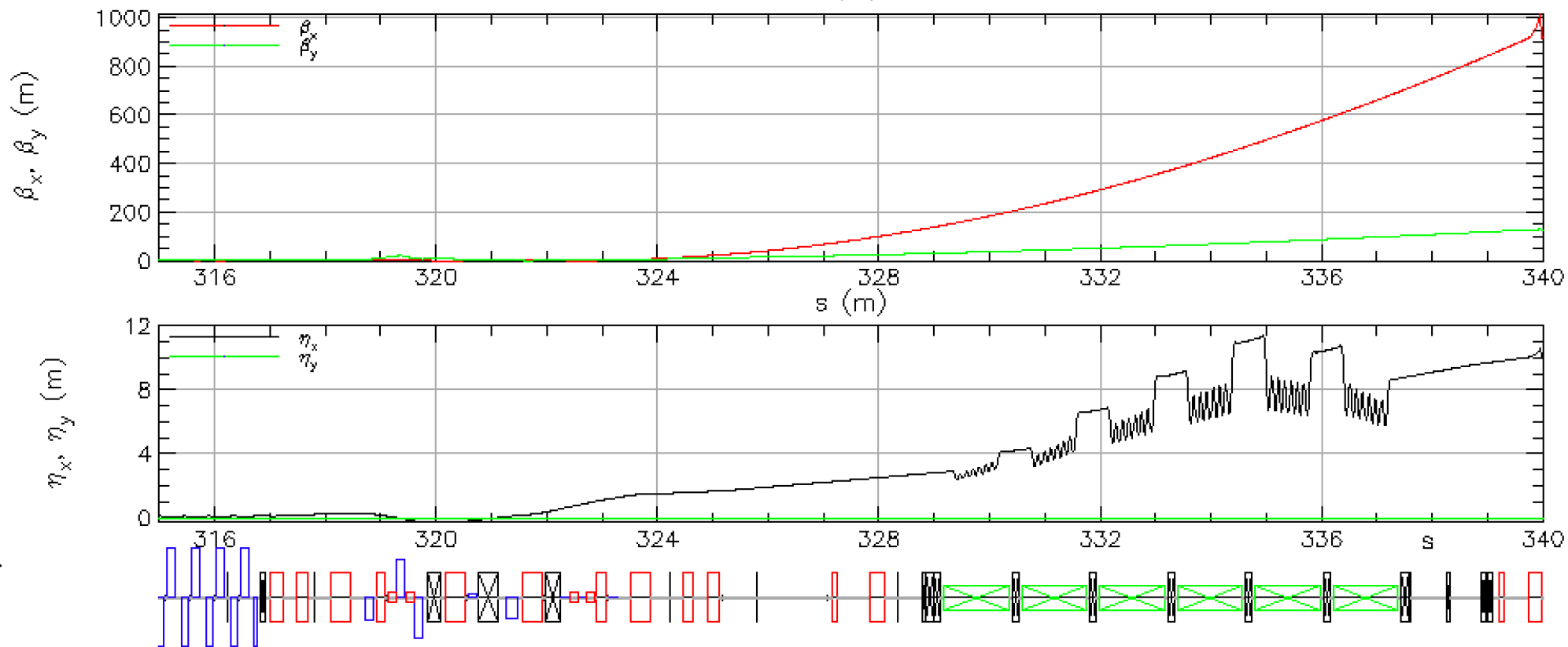
R4 splitter line with present quad settings

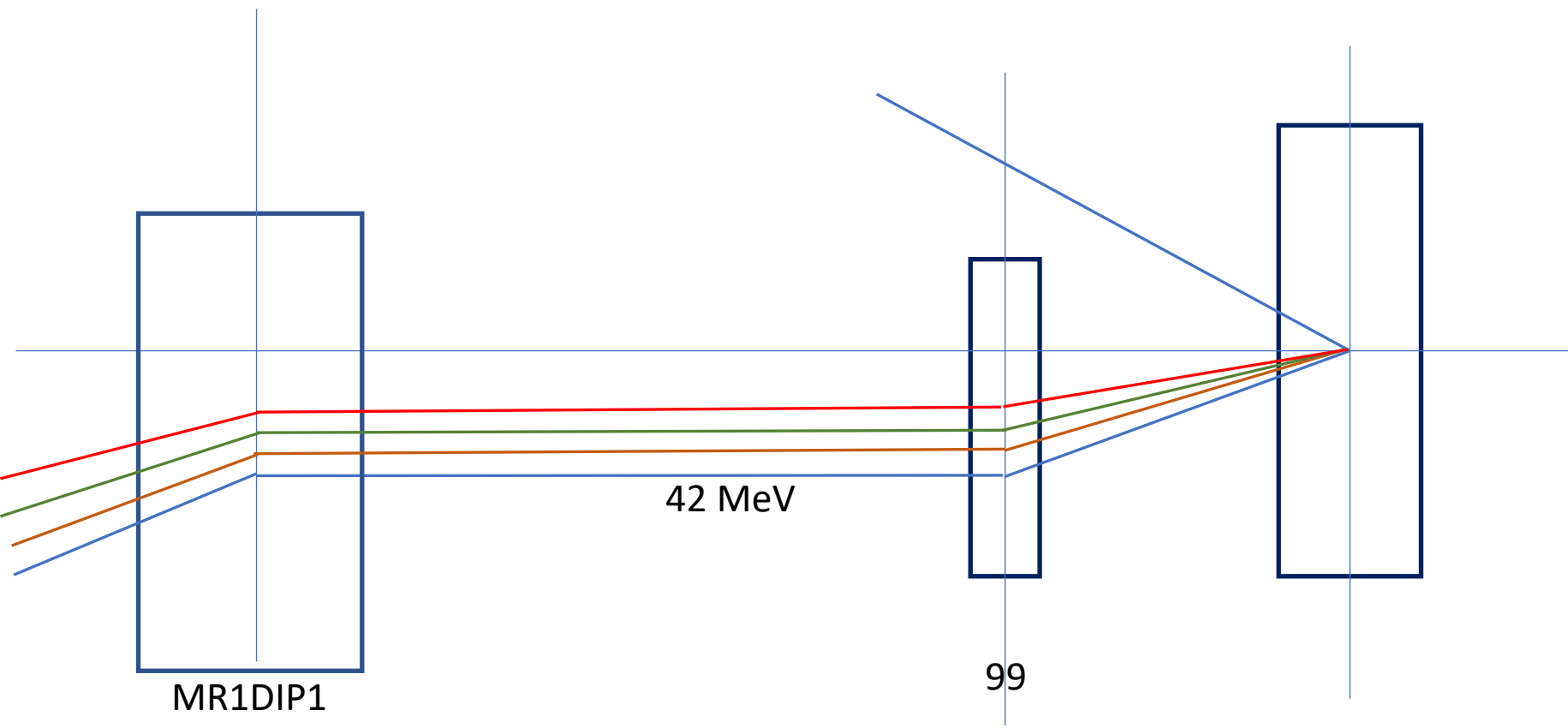
THE R4 line operational quad settings

MR4QUA01	0.0
MR4QUA02	0.0
MR4QUA03	0.0
MR4QUA04	-4.2626
MR4QUA05	0.645161
MR4QUA06	-8.07213
MR4QUA07	7.65238
MR4QUA08	-4.36509

R4 line **model** settings

MR4QUA01	-9.9710105
MR4QUA02	11.2684686
MR4QUA03	-13.9521719
MR4QUA04	-13.5757054
MR4QUA05	1.23220679
MR4QUA06	-11.5031459
MR4QUA07	9.51716218
MR4QUA08	-5.7926581





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