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Frequent observations of identical onsets of large and small earthquakes

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Pair #1 cc 0.920
 20021104041444 38.838 142.132 43.7 4.8
 20161224160432 38.846 142.114 43.7 3.8

acceleration ($\mu\text{m/s/s}$)

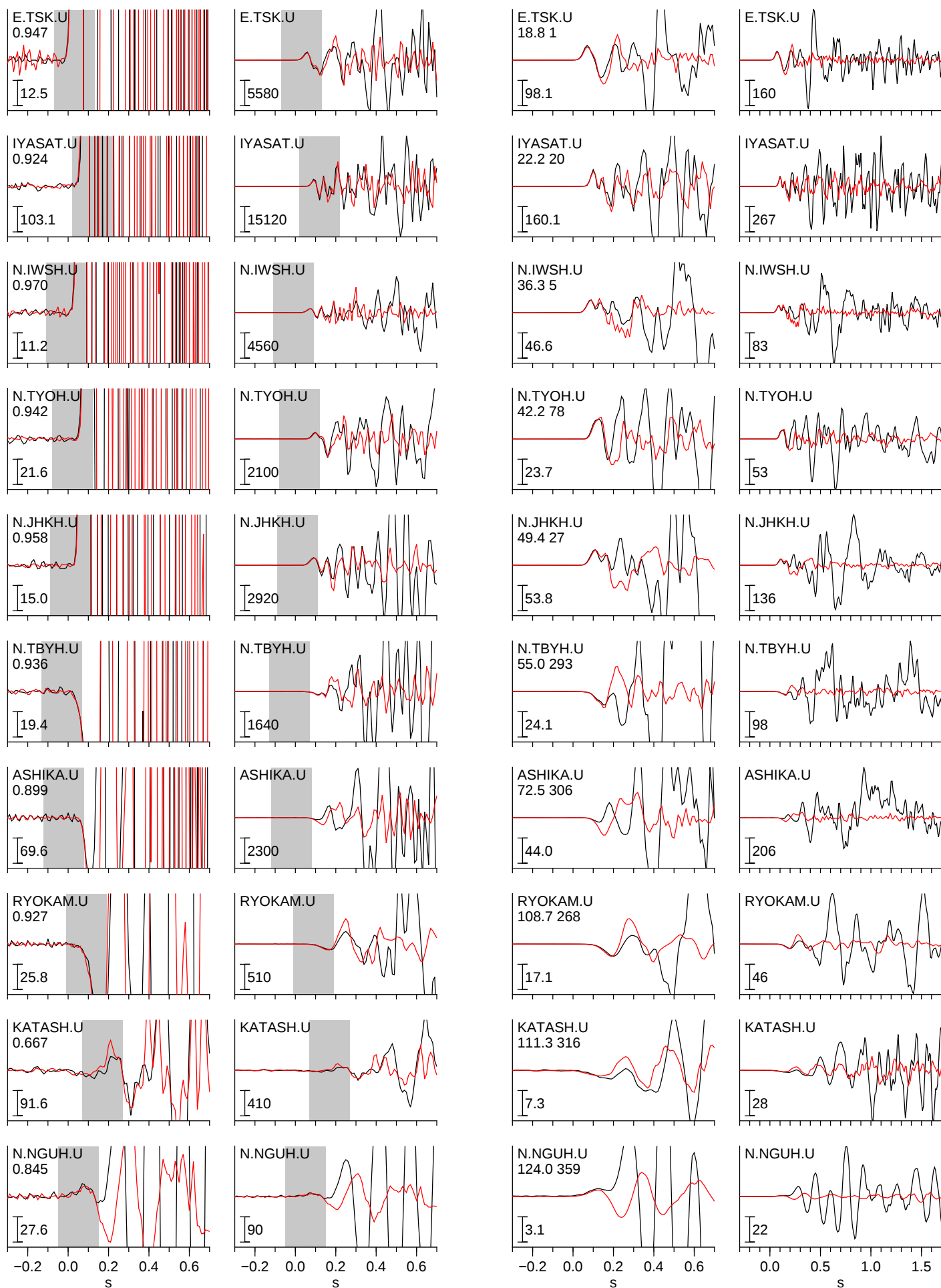
velocity ($\mu\text{m/s}$)



Pair #2 cc 0.902
20030131175342 36.044 140.103 65.8 4.5
20090617194104 36.036 140.102 62.7 3.5

acceleration ($\mu\text{m/s/s}$)

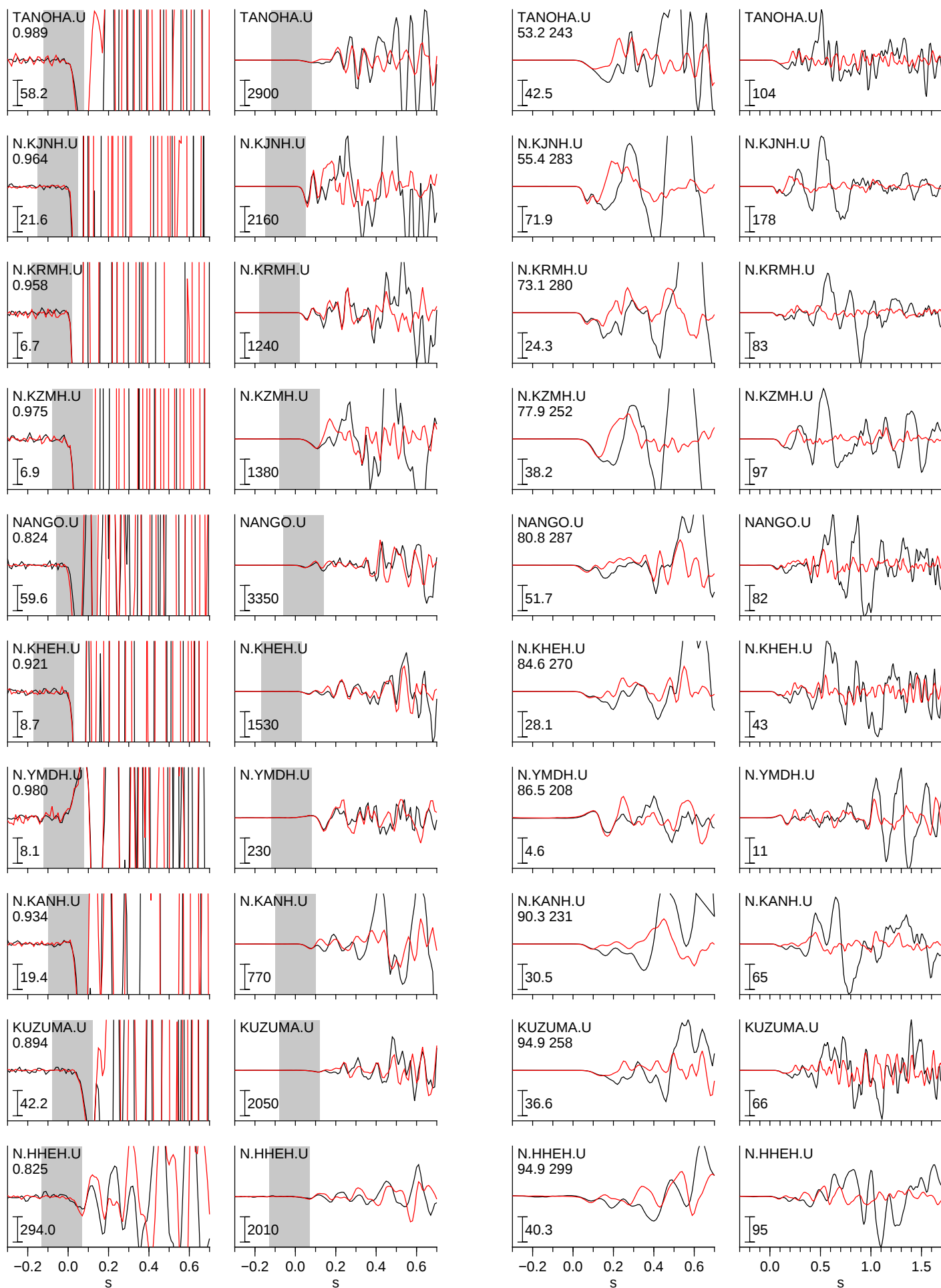
velocity ($\mu\text{m/s}$)



Pair #3 cc 0.926
 20030327101038 40.157 142.417 36.2 4.7
 20160225173156 40.156 142.394 36.1 3.9

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)



Pair #4 cc 0.901

20030517233310 35.739 140.651 47.3 5.3

20140909114312 35.726 140.649 48.1 3.8

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)



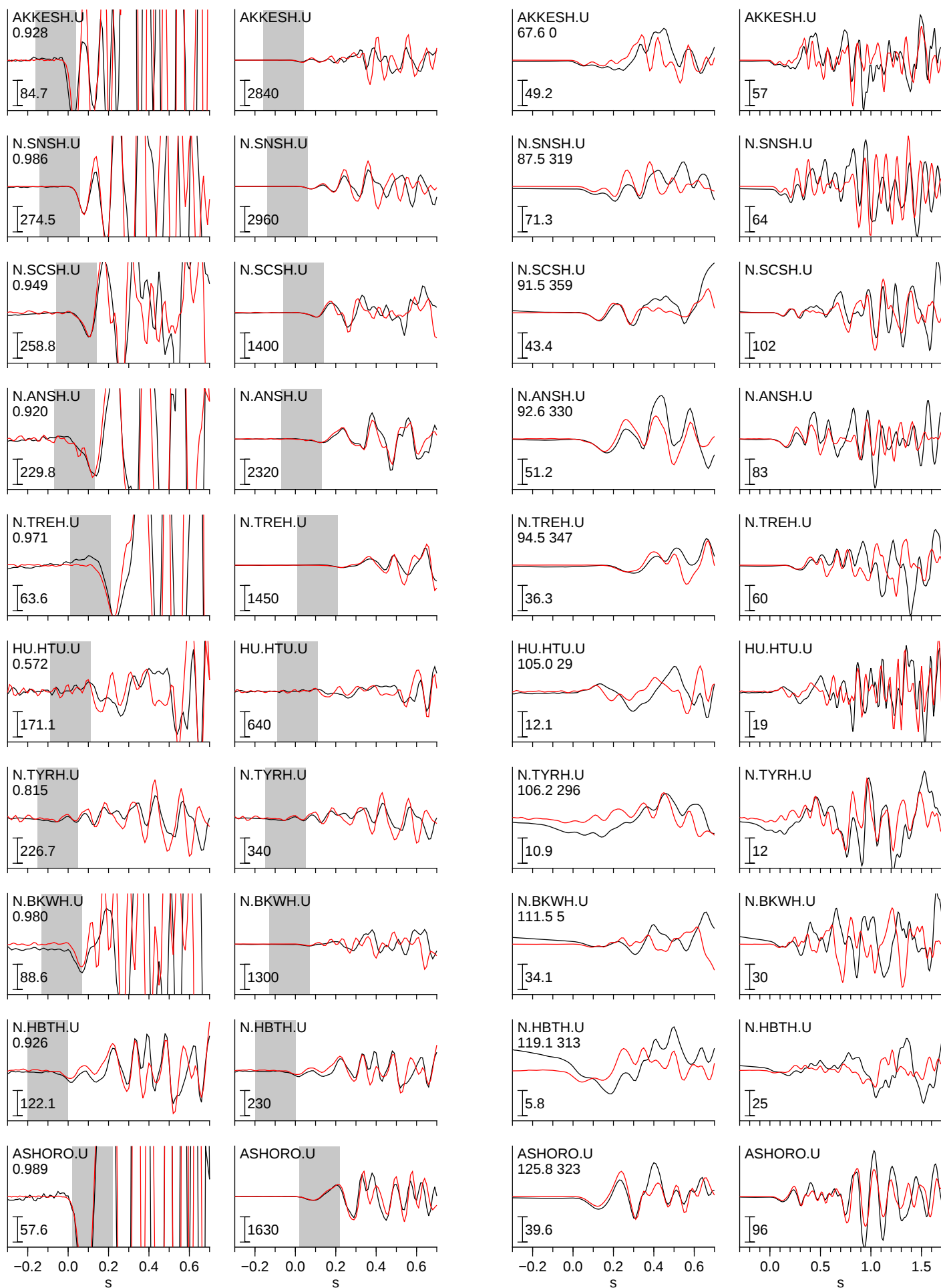
Pair #5 cc 0.904

20030929232720 42.390 144.682 39.1 4.6

20050523062002 42.389 144.677 39.9 4.0

acceleration ($\mu\text{m/s/s}$)

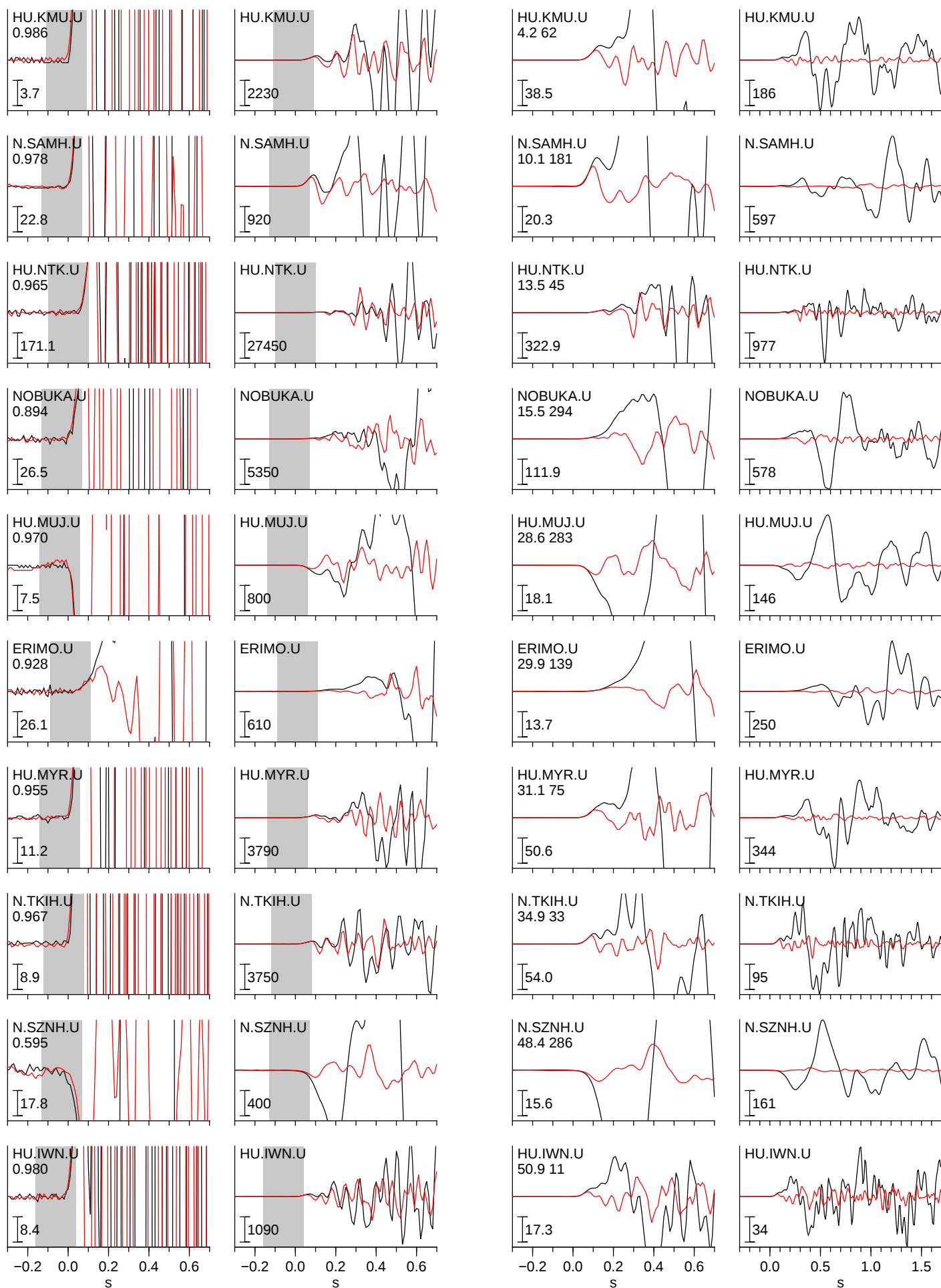
velocity ($\mu\text{m/s}$)



Pair #6 cc 0.922
 20031004053843 42.224 142.919 55.5 4.7
 20031228072242 42.236 142.917 52.5 3.4

acceleration ($\mu\text{m/s/s}$)

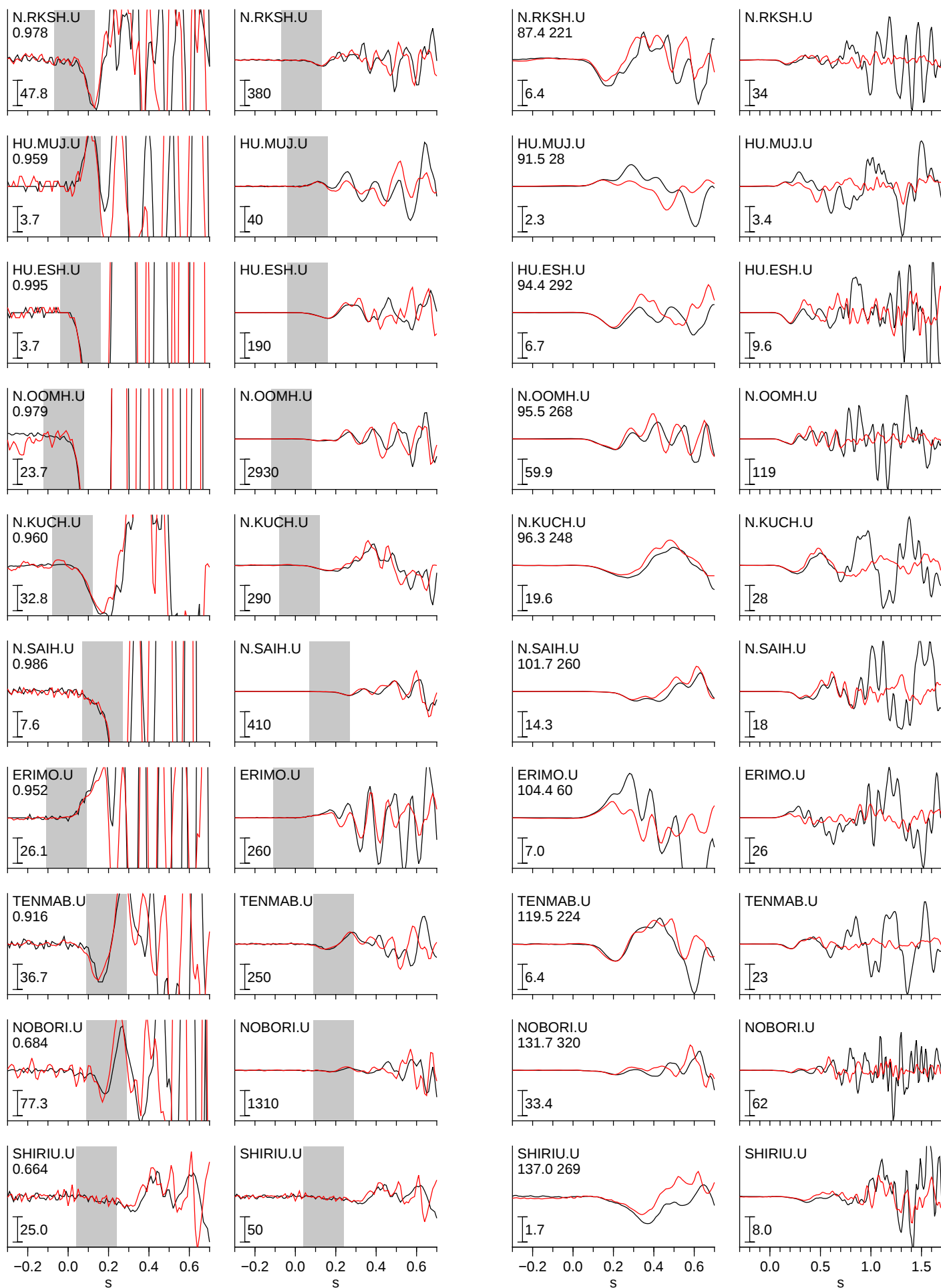
velocity ($\mu\text{m/s}$)



Pair #7 cc 0.907
 20031004234110 41.562 142.056 68.6 4.7
 20101019142548 41.574 142.051 63.7 4.0

acceleration ($\mu\text{m/s/s}$)

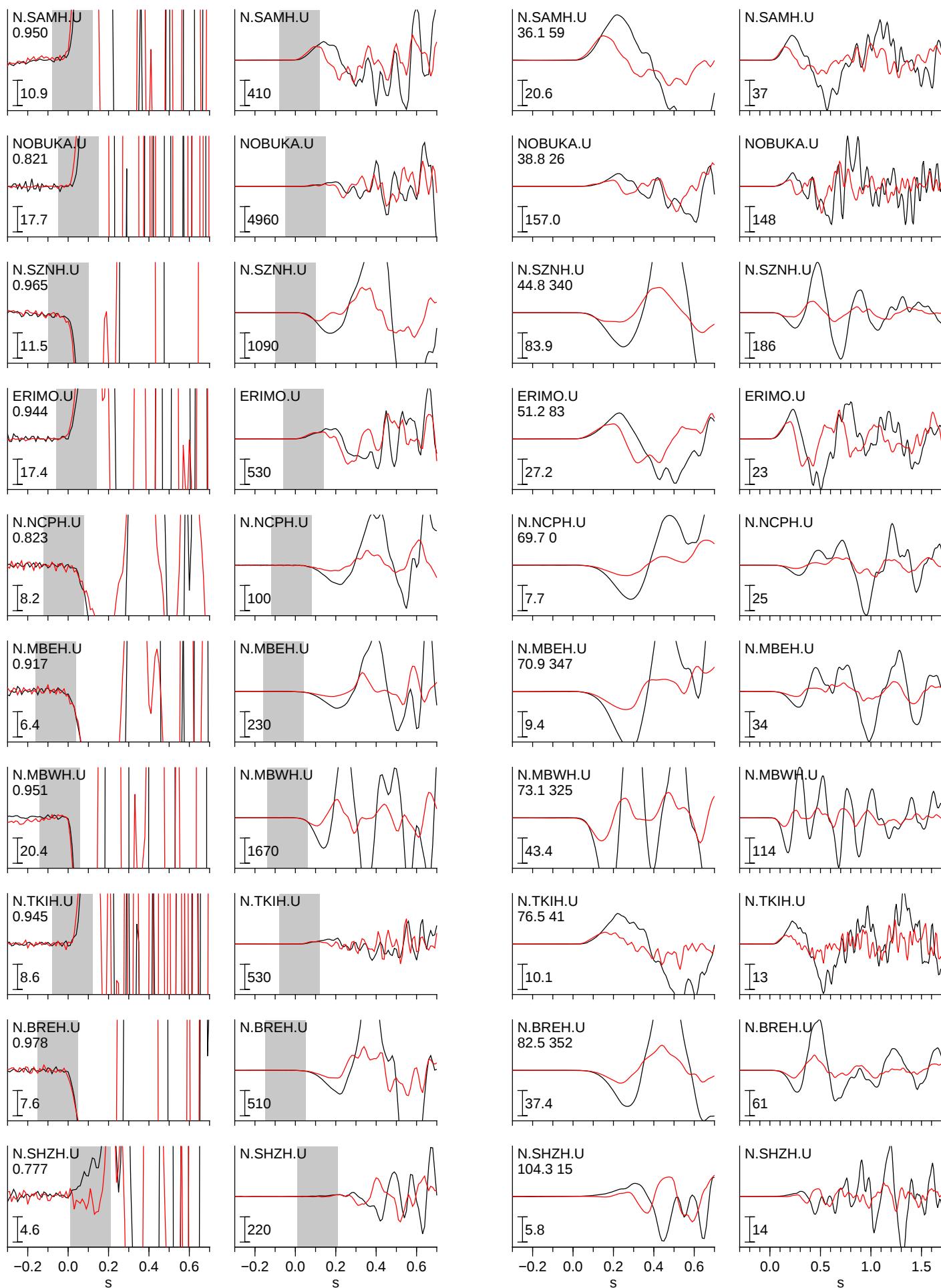
velocity ($\mu\text{m/s}$)



Pair #8 cc 0.907
 20031007012754 41.970 142.539 64.5 4.5
 20160625014032 41.988 142.530 59.5 3.8

acceleration ($\mu\text{m/s/s}$)

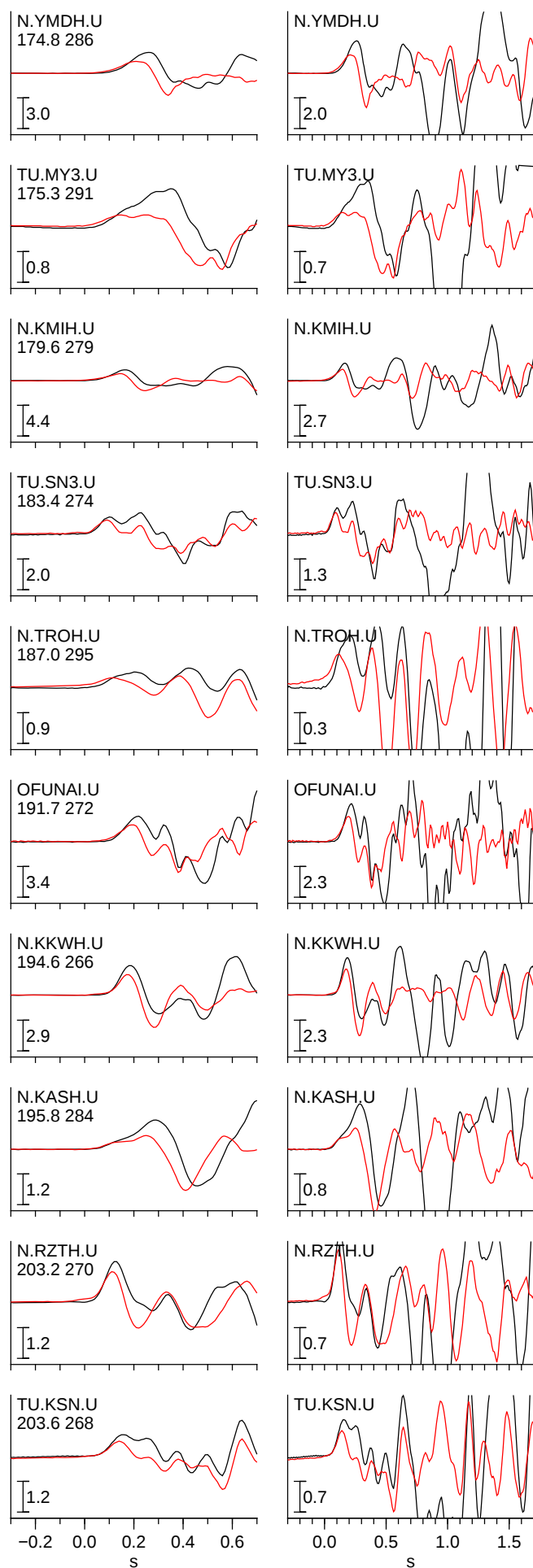
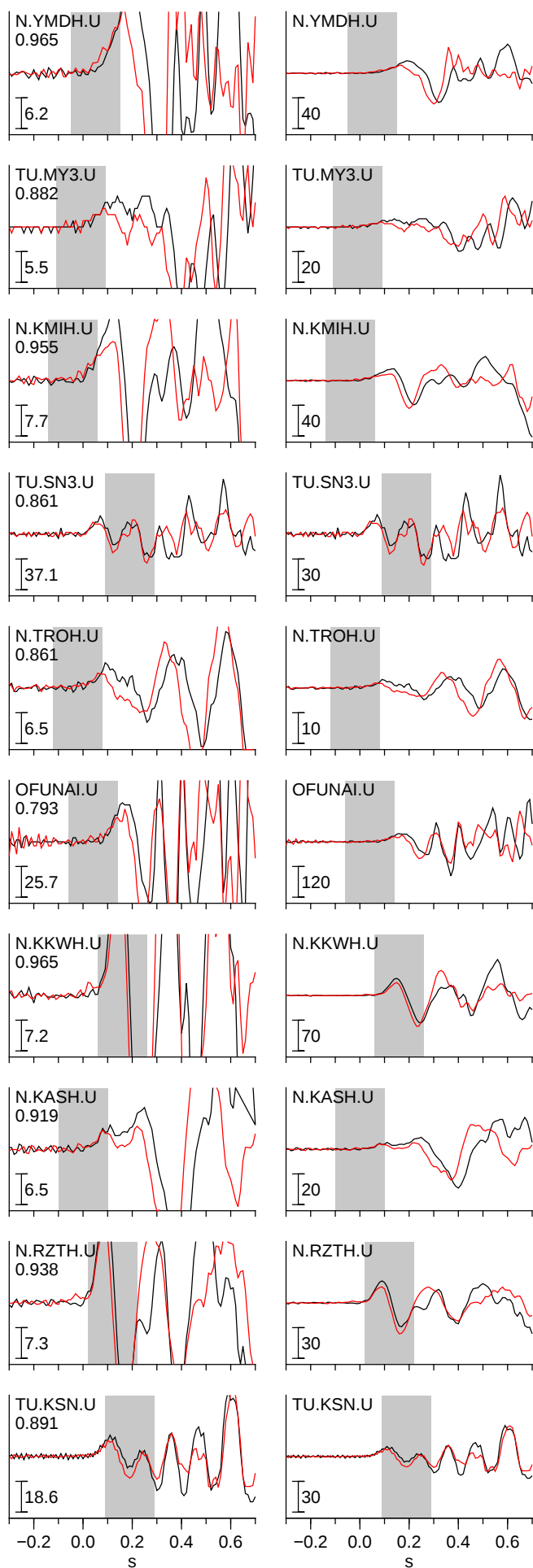
velocity ($\mu\text{m/s}$)



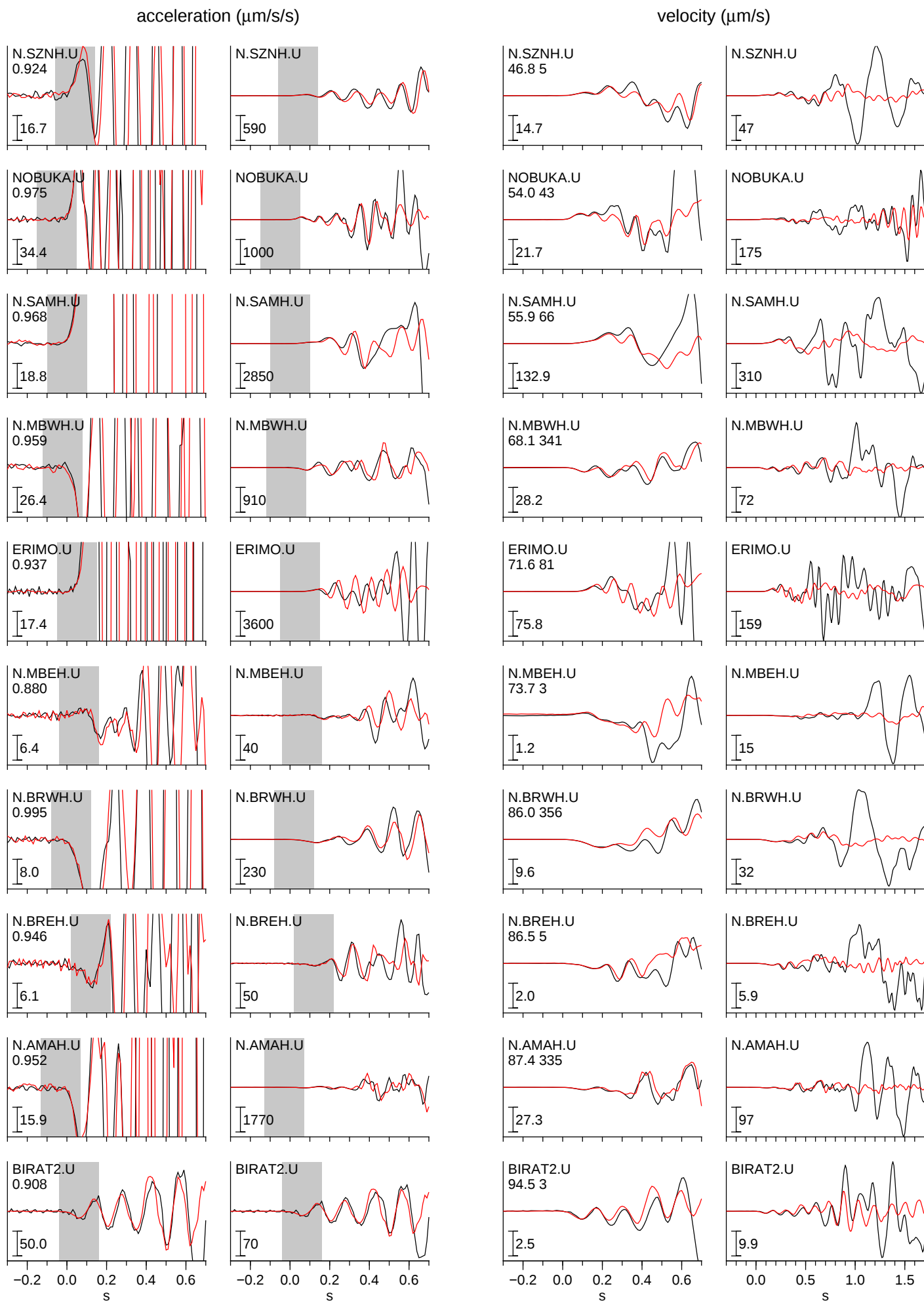
Pair #9 cc 0.903
 20040415012401 39.037 143.879 6.2 4.7
 20040415005915 39.040 143.863 16.0 4.0

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)



Pair #10 cc 0.944
 20040905032529 41.931 142.298 68.9 4.5
 20160228110626 41.921 142.317 69.4 3.8



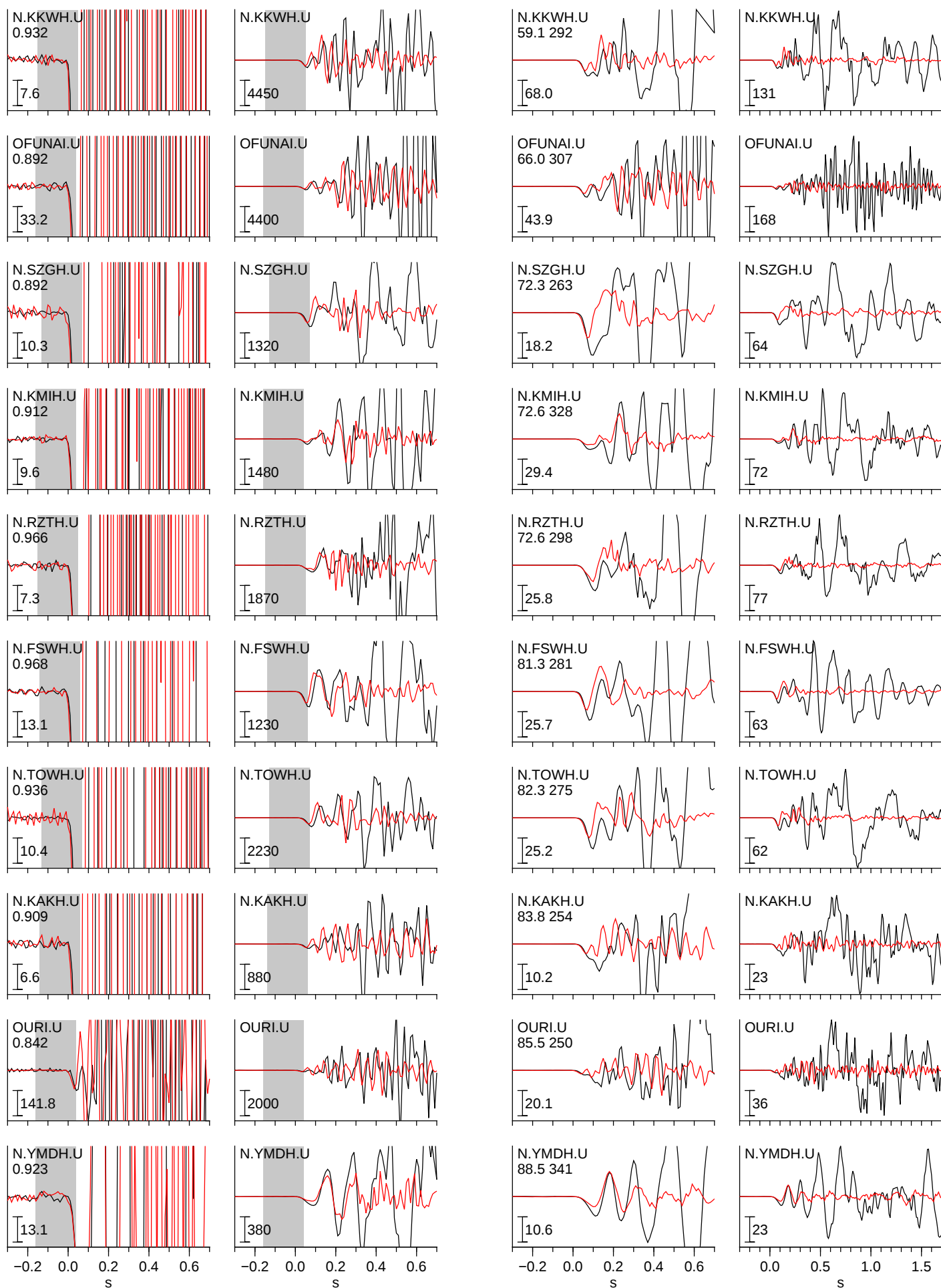
Pair #11 cc 0.917

20060521162235 38.720 142.268 39.3 4.6

20080312083516 38.726 142.254 37.6 3.5

acceleration ($\mu\text{m/s/s}$)

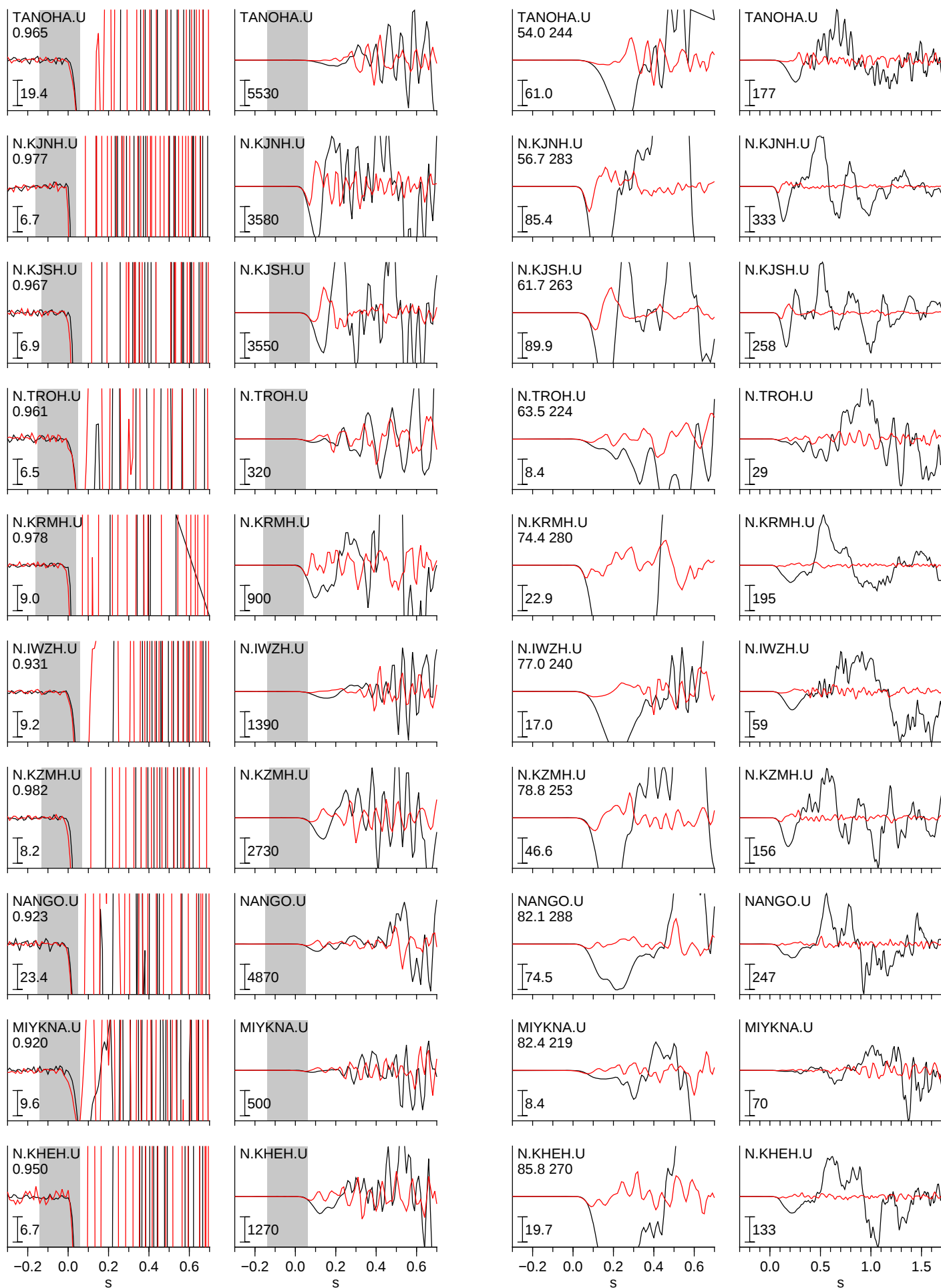
velocity ($\mu\text{m/s}$)



Pair #12 cc 0.955
 20060706020839 40.150 142.431 35.8 5.4
 20160627174741 40.148 142.417 35.2 3.9

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)



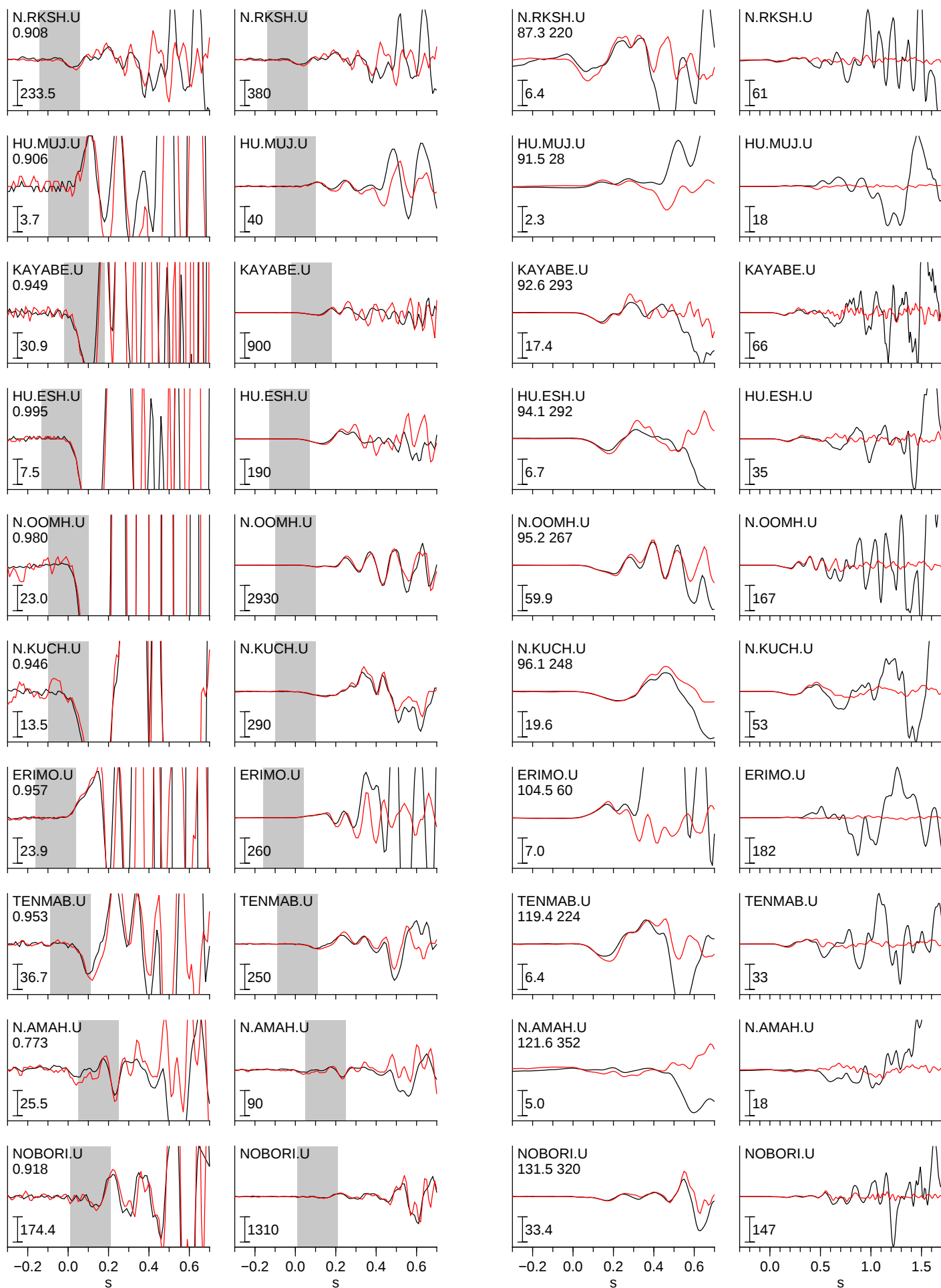
Pair #13 cc 0.928

20070519005957 41.563 142.053 67.5 5.3

20101019142548 41.574 142.051 63.7 4.0

acceleration ($\mu\text{m/s/s}$)

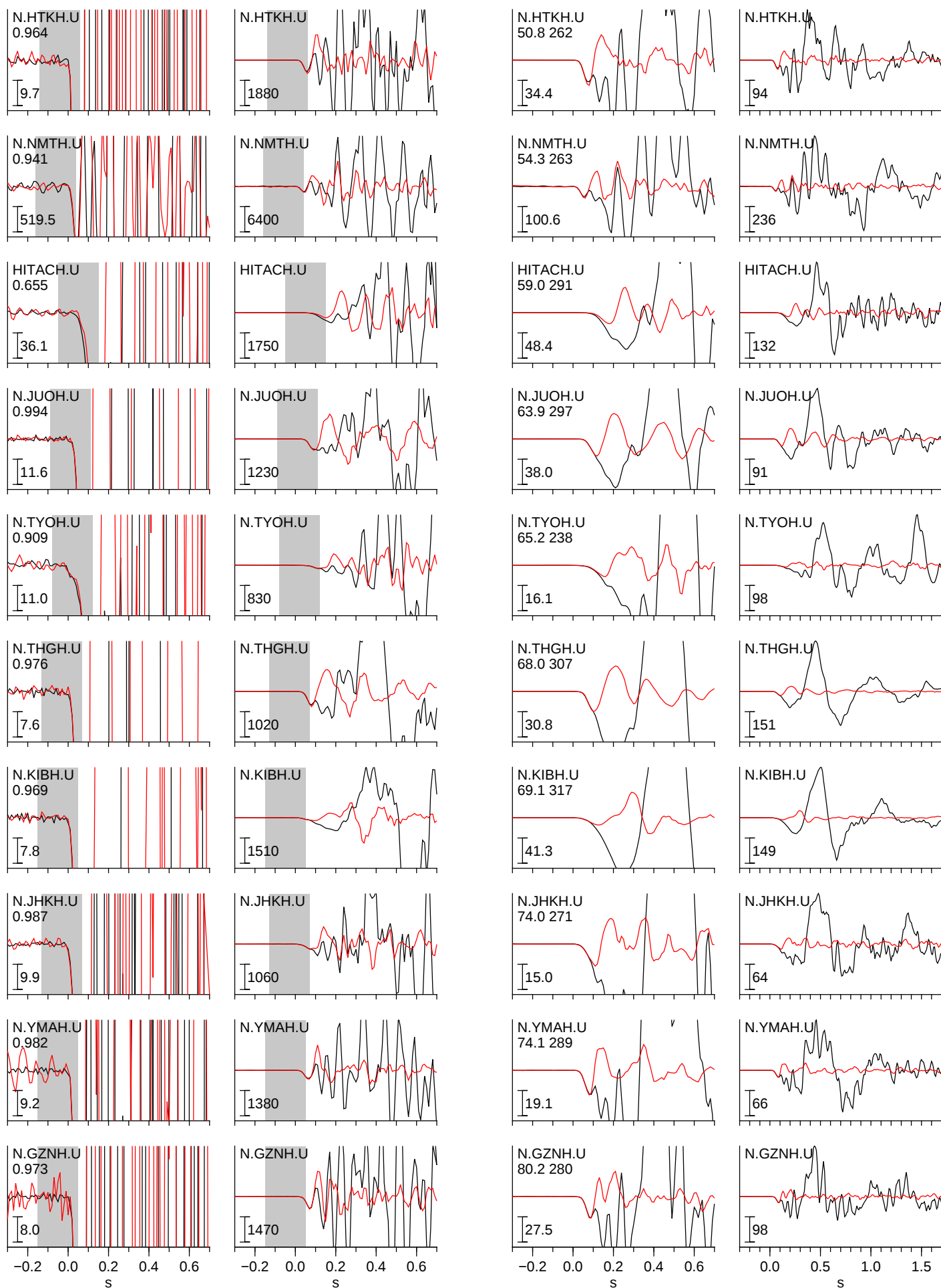
velocity ($\mu\text{m/s}$)



Pair #14 cc 0.935
 20080116025540 36.425 141.181 47.0 4.7
 20040615105652 36.425 141.165 48.7 3.6

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)



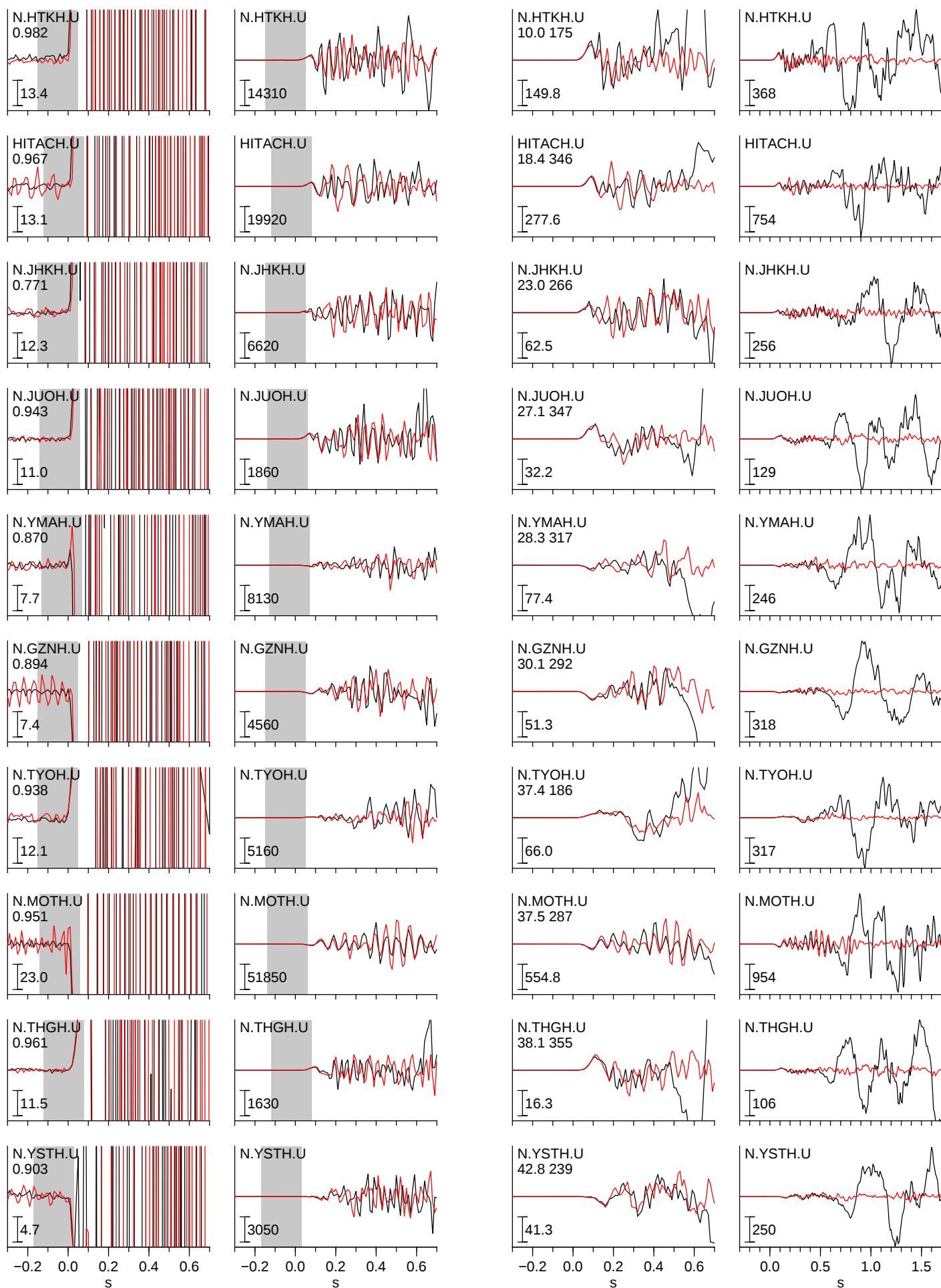
Pair #15 cc 0.918

20080308015457 36.453 140.612 57.0 5.2

20121228163000 36.453 140.604 55.5 4.0

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)



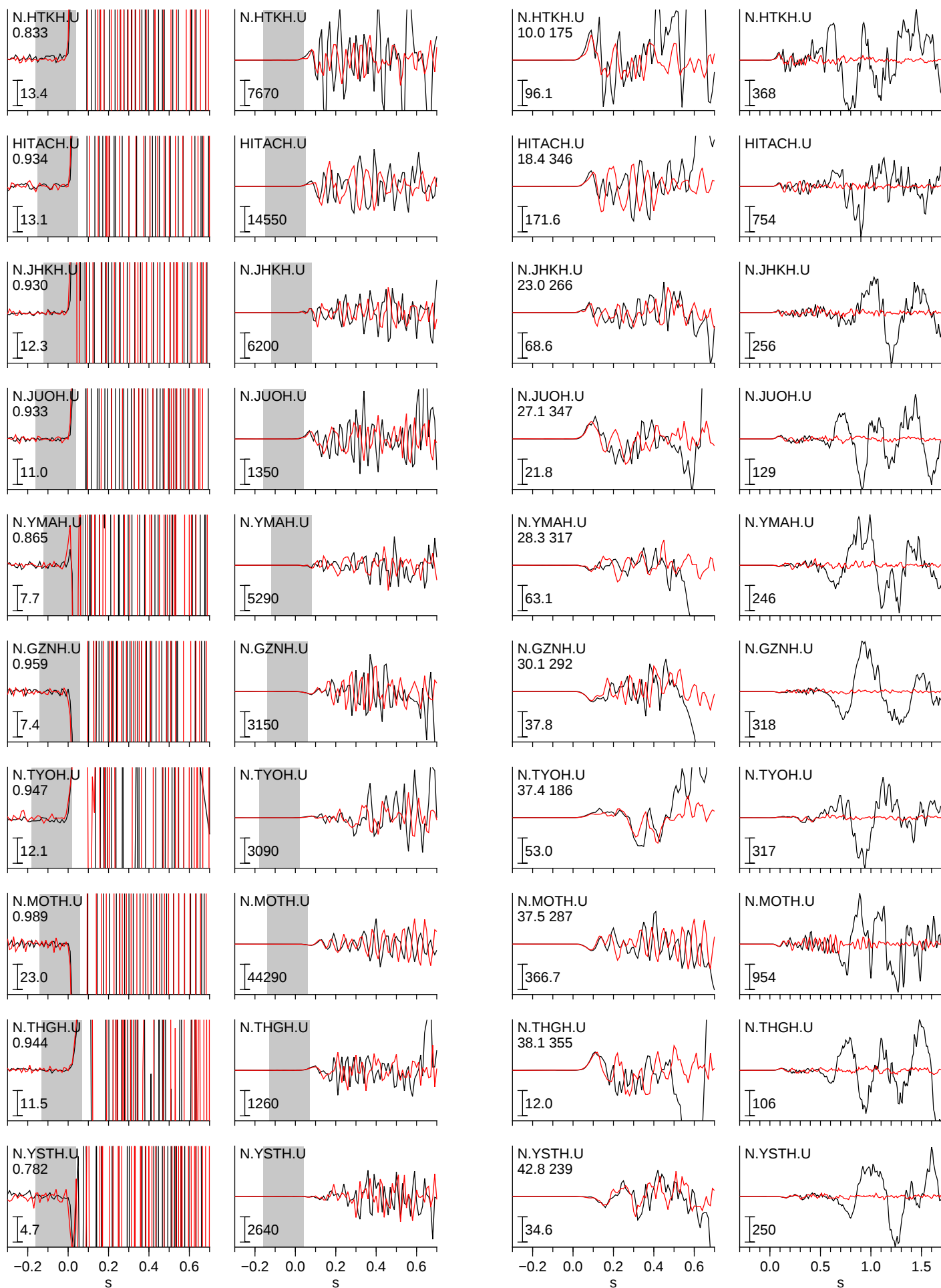
Pair #16 cc 0.912

20080308015457 36.453 140.612 57.0 5.2

20140124011053 36.453 140.605 55.5 3.9

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)



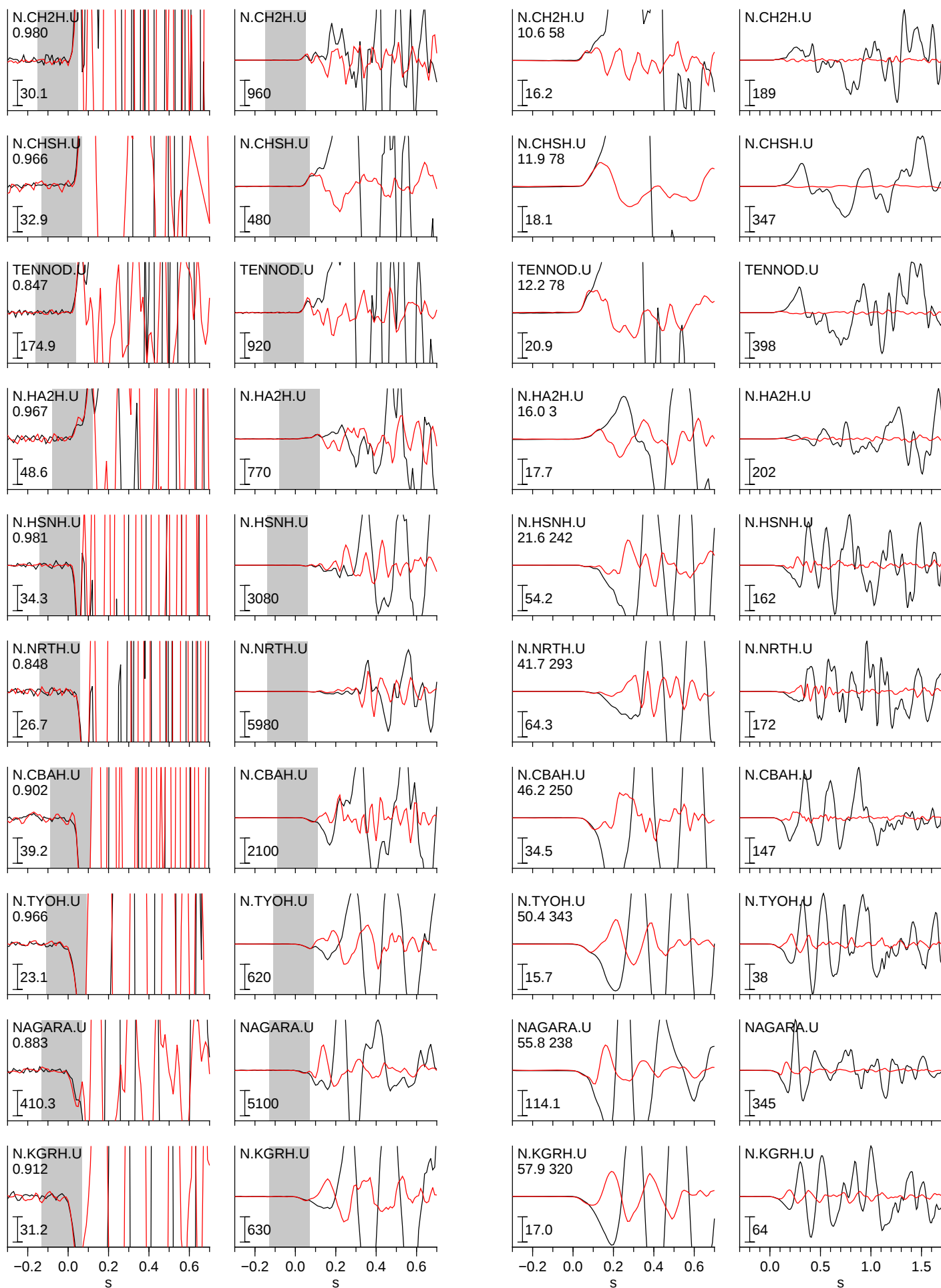
Pair #17 cc 0.925

20080425185246 35.684 140.723 48.2 4.8

20130426075715 35.674 140.743 49.7 3.2

acceleration ($\mu\text{m/s/s}$)

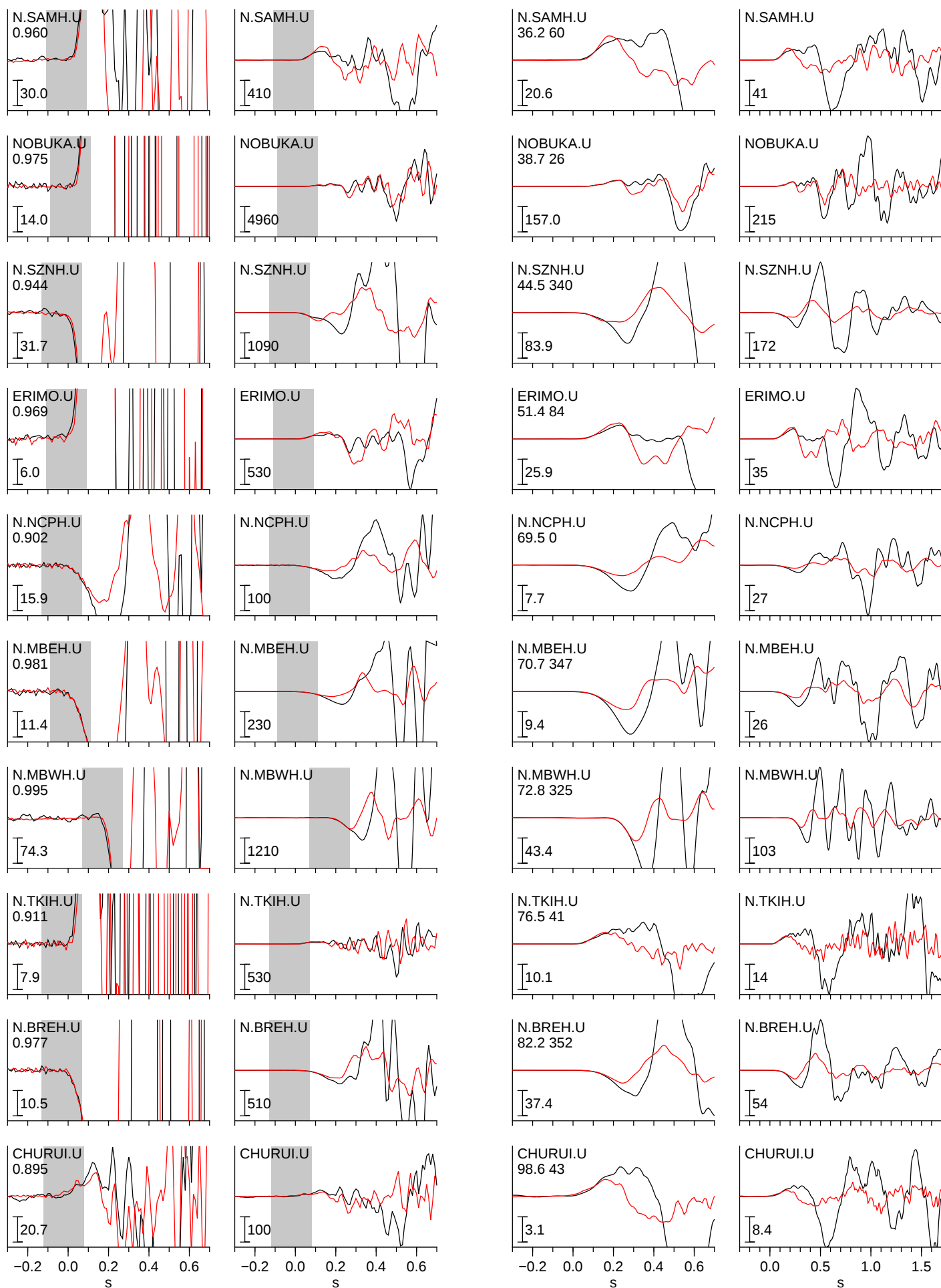
velocity ($\mu\text{m/s}$)



Pair #18 cc 0.951
 20080809095435 41.972 142.536 64.6 4.5
 20160625014032 41.988 142.530 59.5 3.8

acceleration ($\mu\text{m/s/s}$)

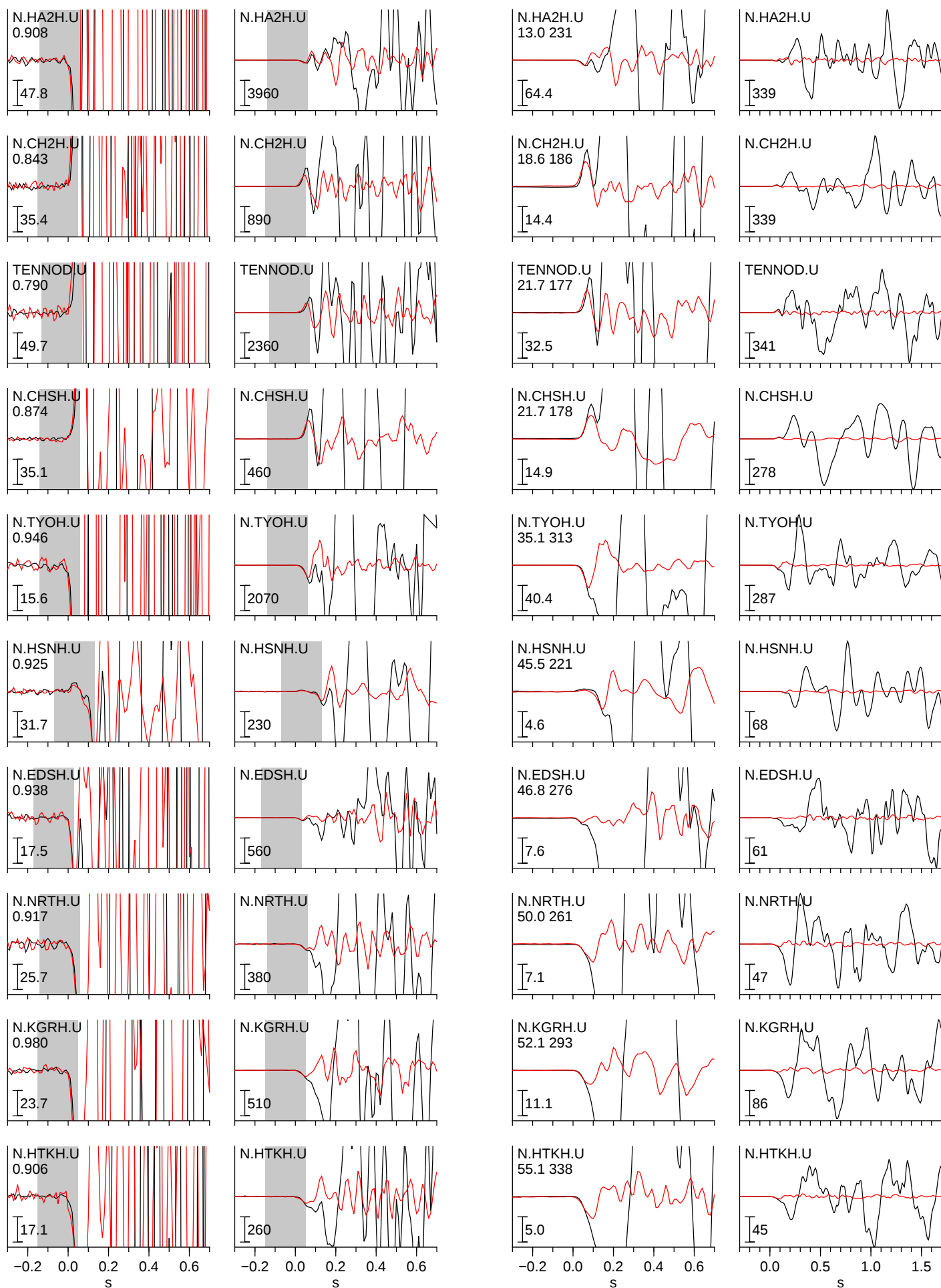
velocity ($\mu\text{m/s}$)



Pair #19 cc 0.903
 20090421075424 35.901 140.845 41.2 4.6
 20110402104034 35.898 140.851 41.5 2.9

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)



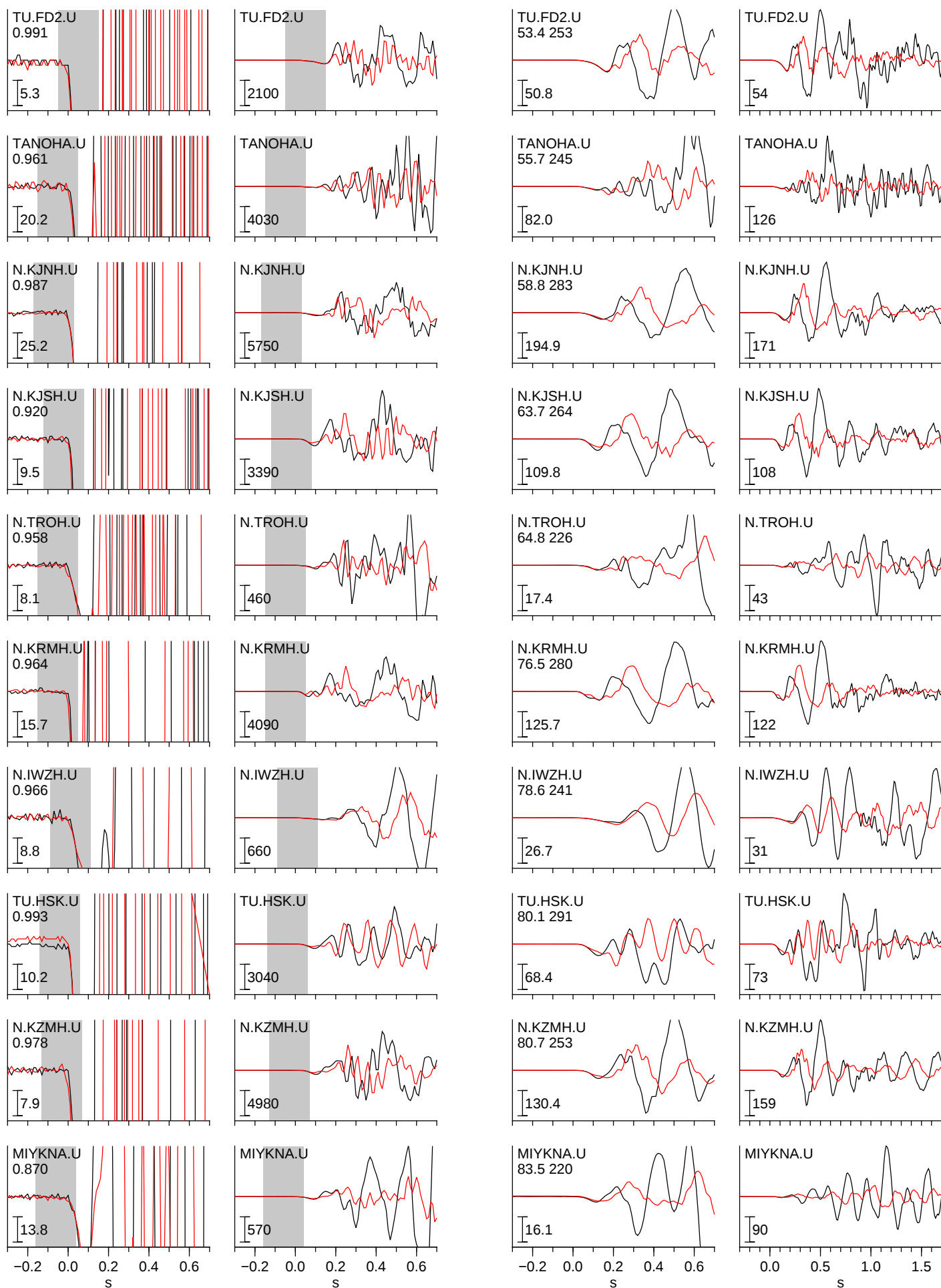
Pair #20 cc 0.959

20090609110735 40.148 142.455 34.7 4.5

20060617163803 40.145 142.459 34.7 3.8

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)



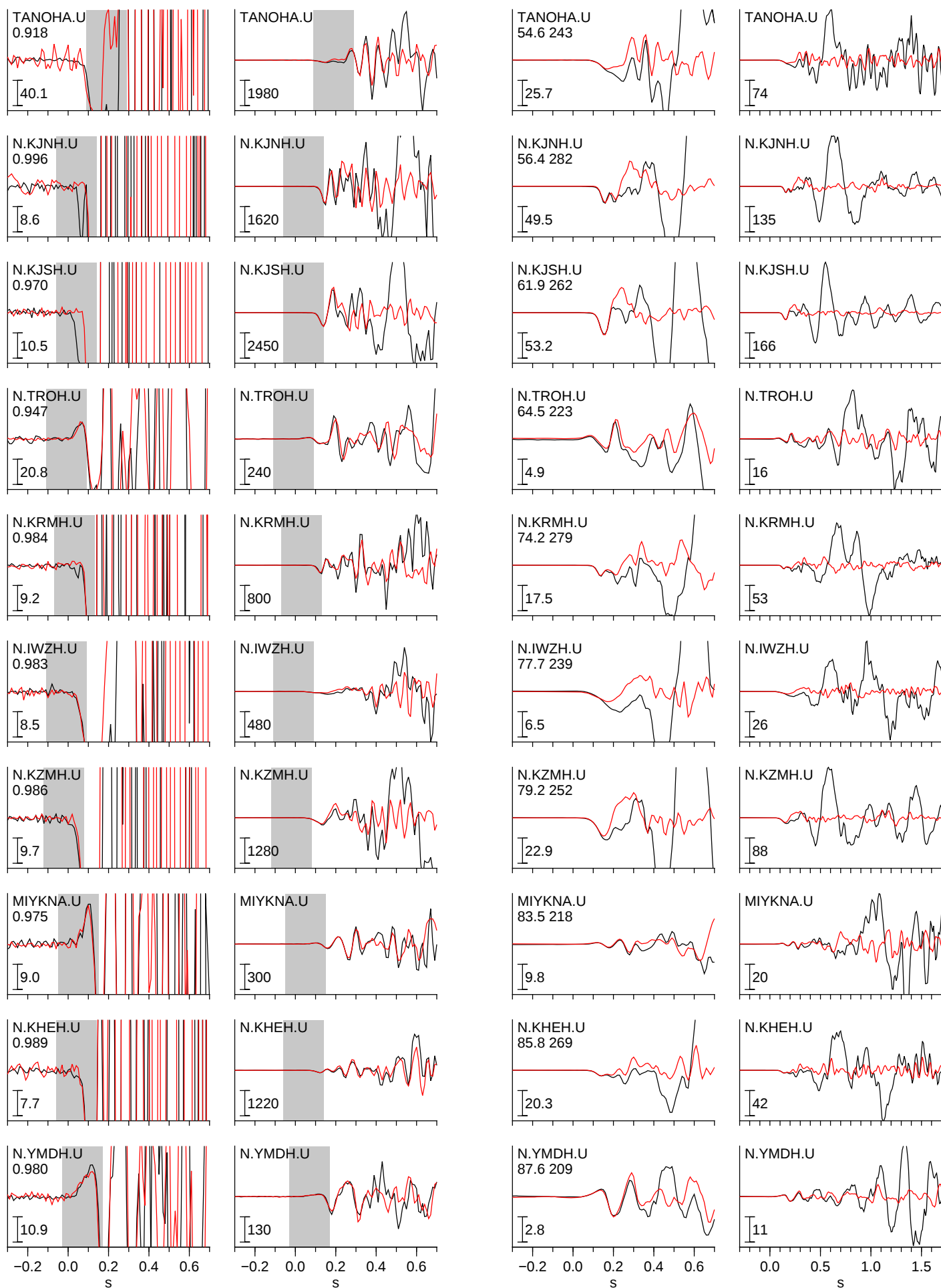
Pair #21 cc 0.973

20101016061427 40.163 142.431 35.8 4.6

20170303093629 40.157 142.400 35.4 3.9

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)



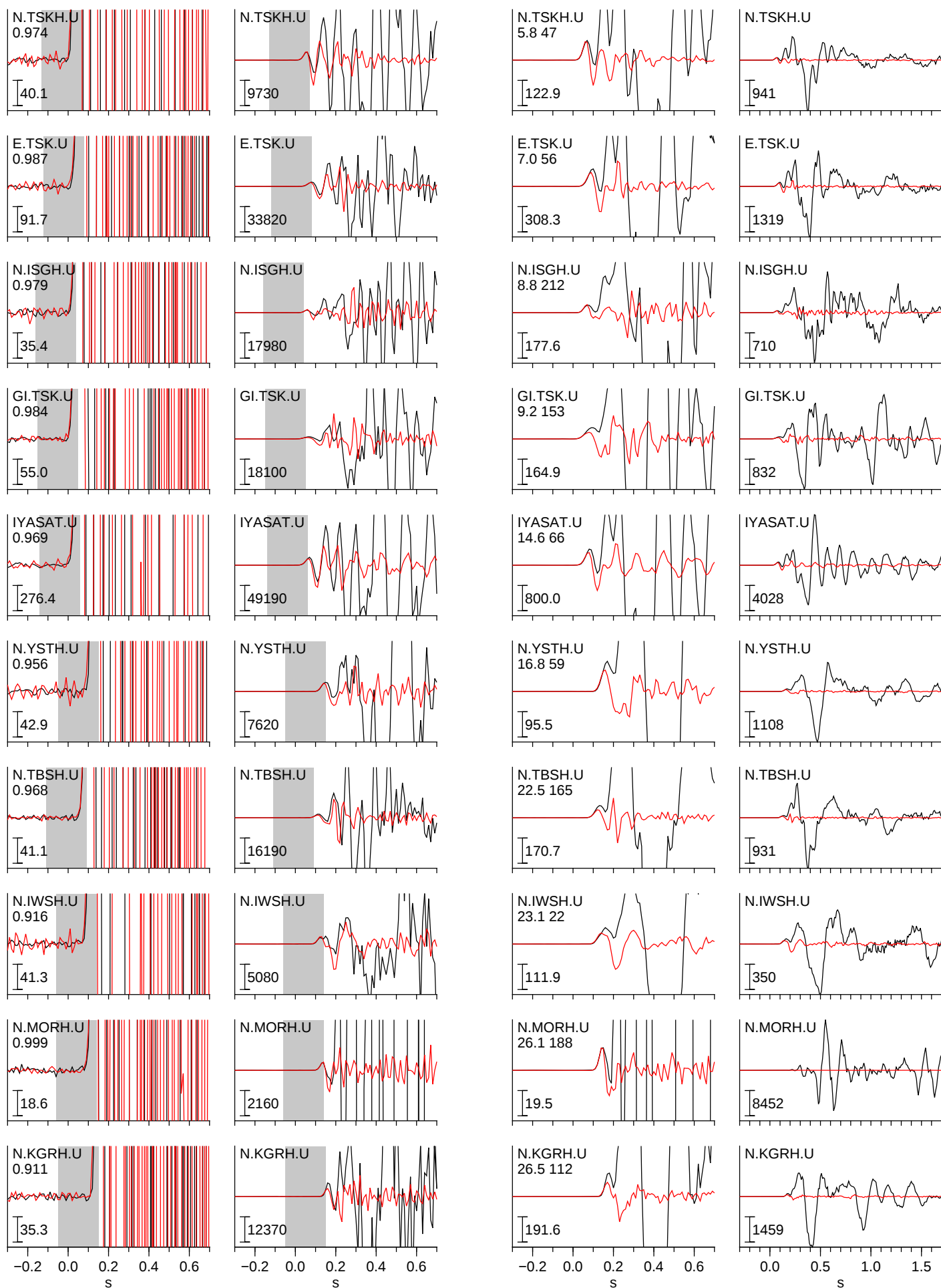
Pair #22 cc 0.964

20110324085649 36.178 140.042 51.7 4.8

20110421053228 36.178 140.053 51.5 3.7

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)



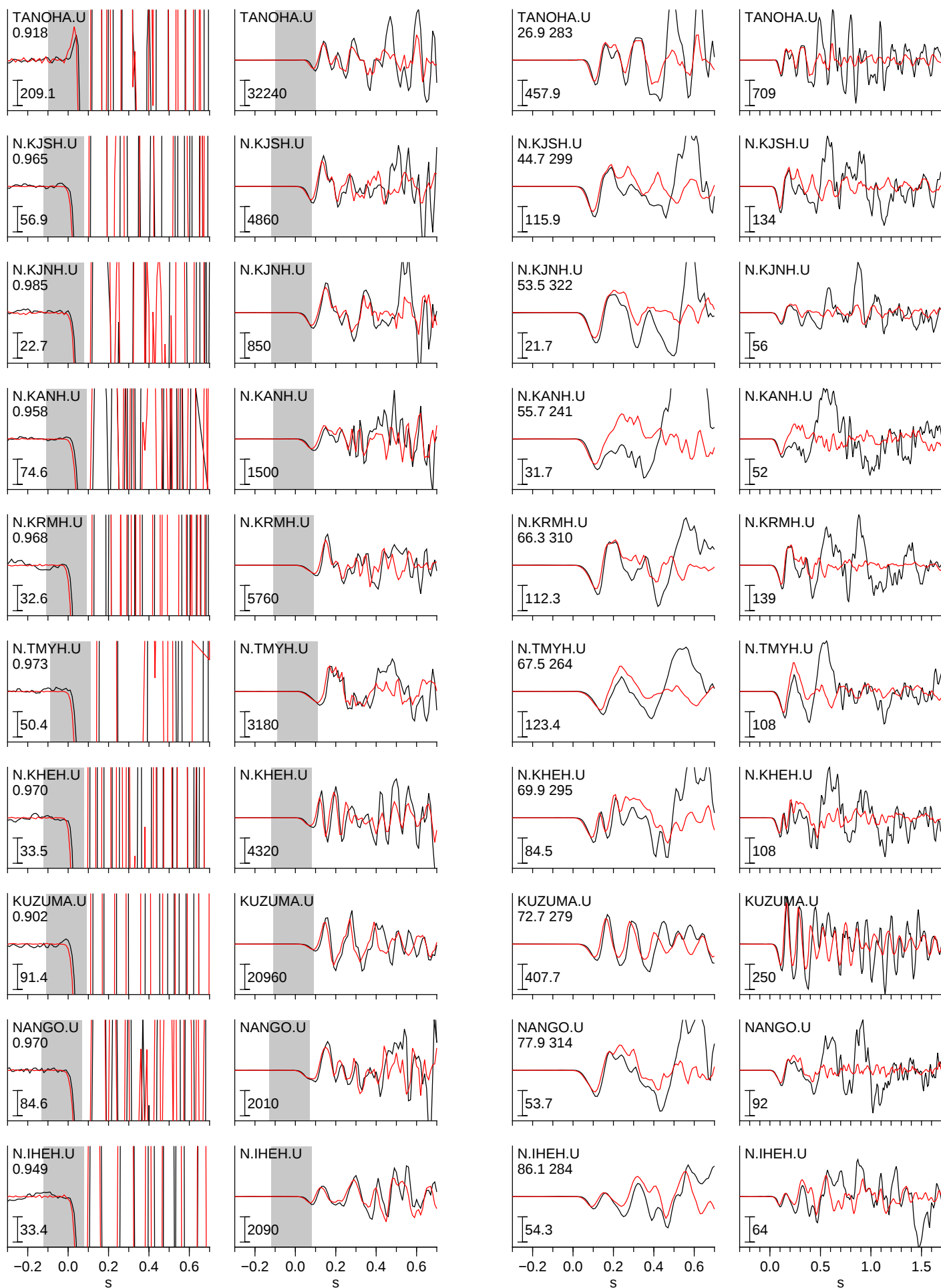
Pair #23 cc 0.956

20110327140752 39.887 142.167 48.0 4.8

20120227203202 39.880 142.165 47.8 4.0

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)



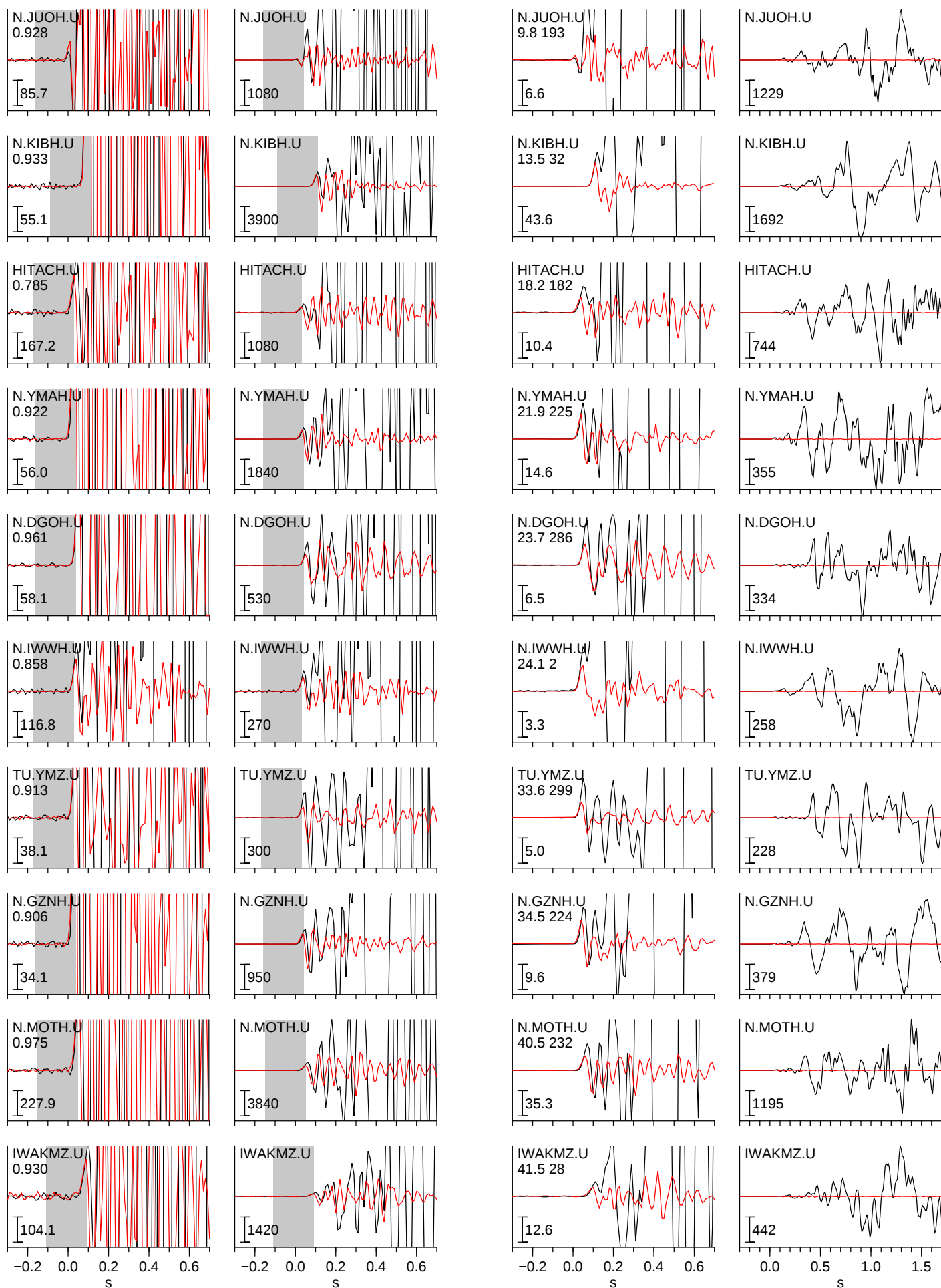
Pair #24 cc 0.911

20110414073549 36.778 140.573 8.8 5.1

20111026073005 36.777 140.560 7.2 2.6

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)



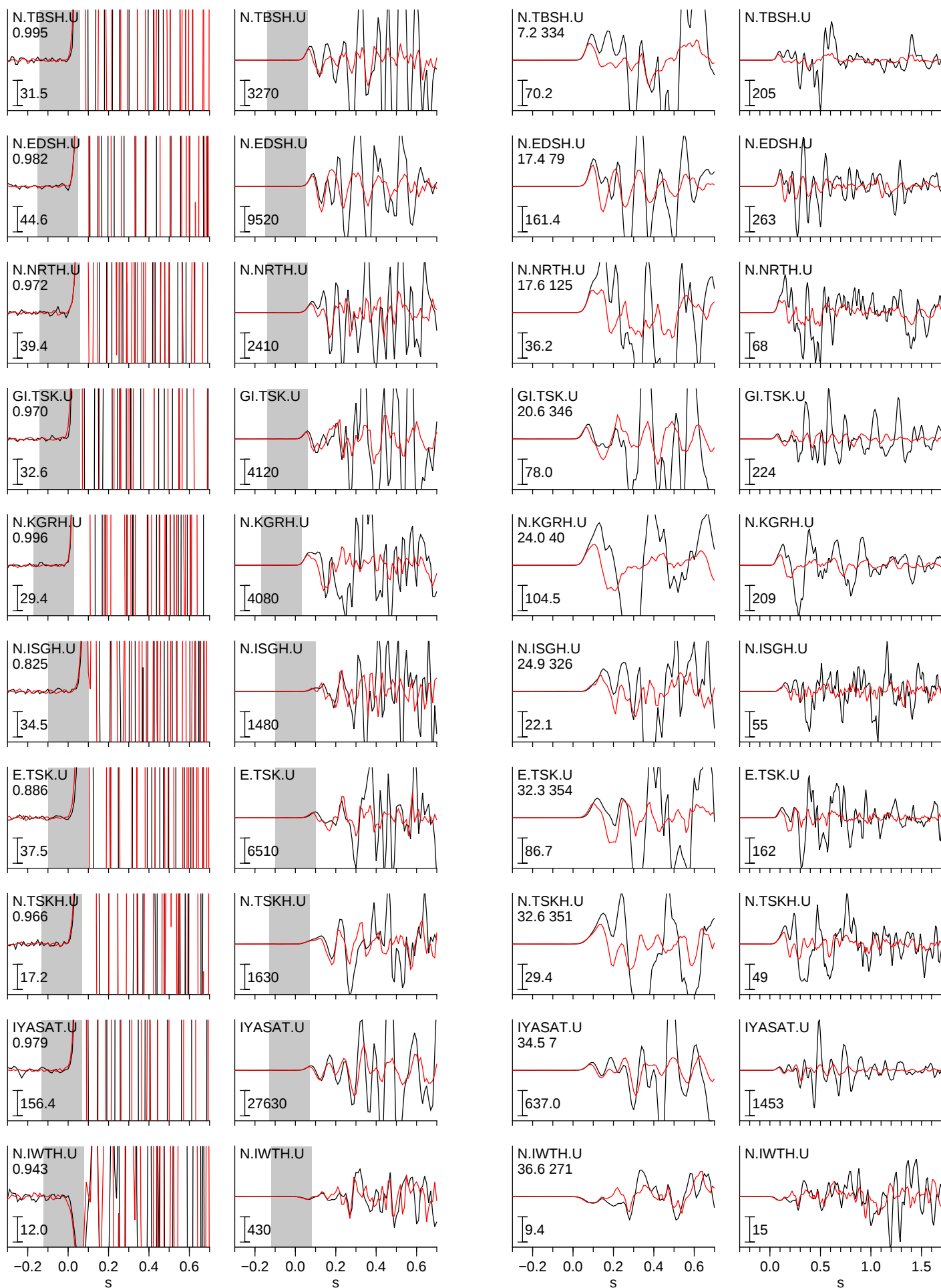
Pair #25 cc 0.951

20110525091915 35.923 140.140 62.1 4.5

20170523182316 35.924 140.111 59.8 3.7

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)



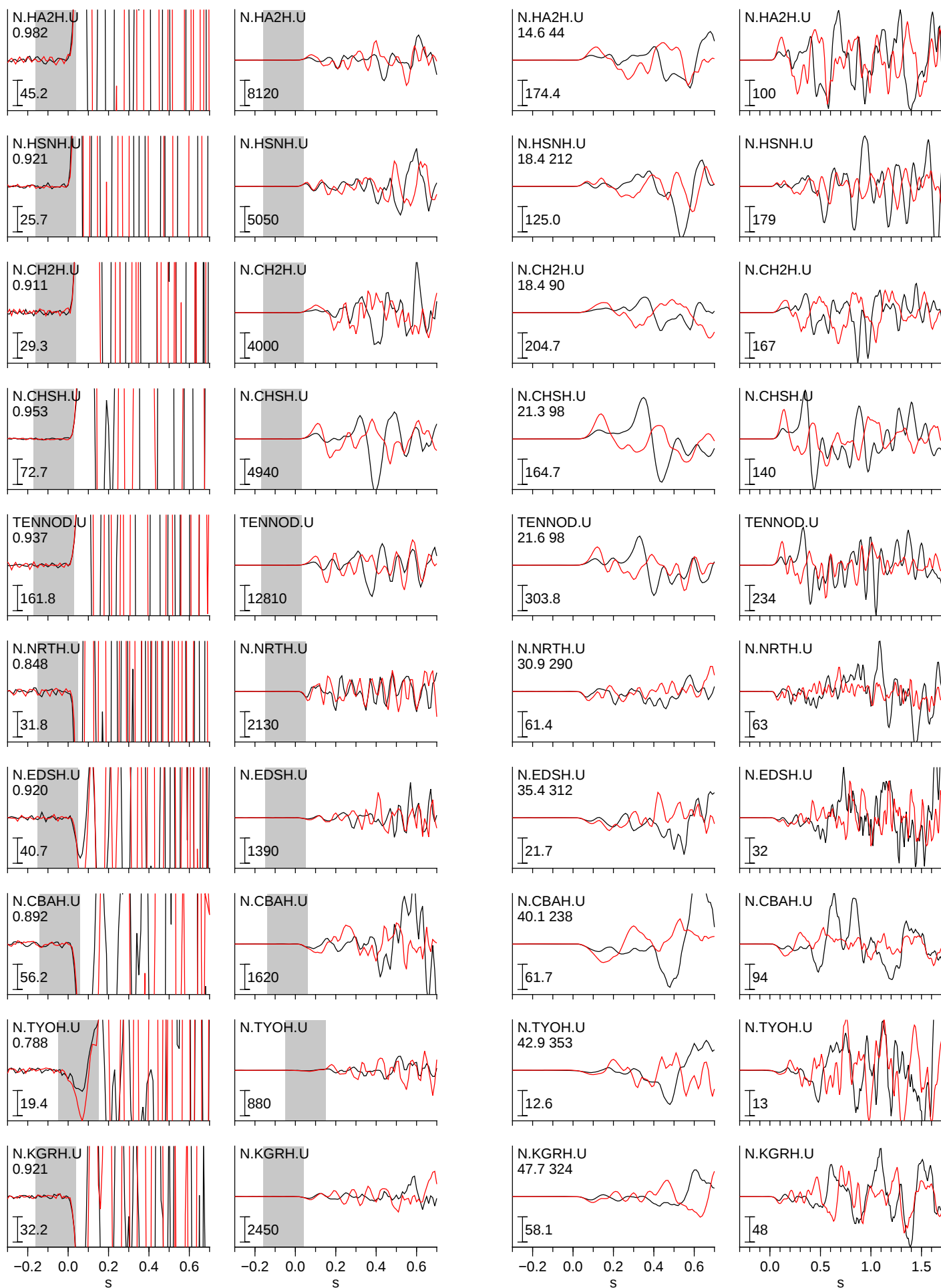
Pair #26 cc 0.907

20110630071437 35.735 140.619 50.6 4.6

20110407195213 35.741 140.609 47.8 3.9

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)



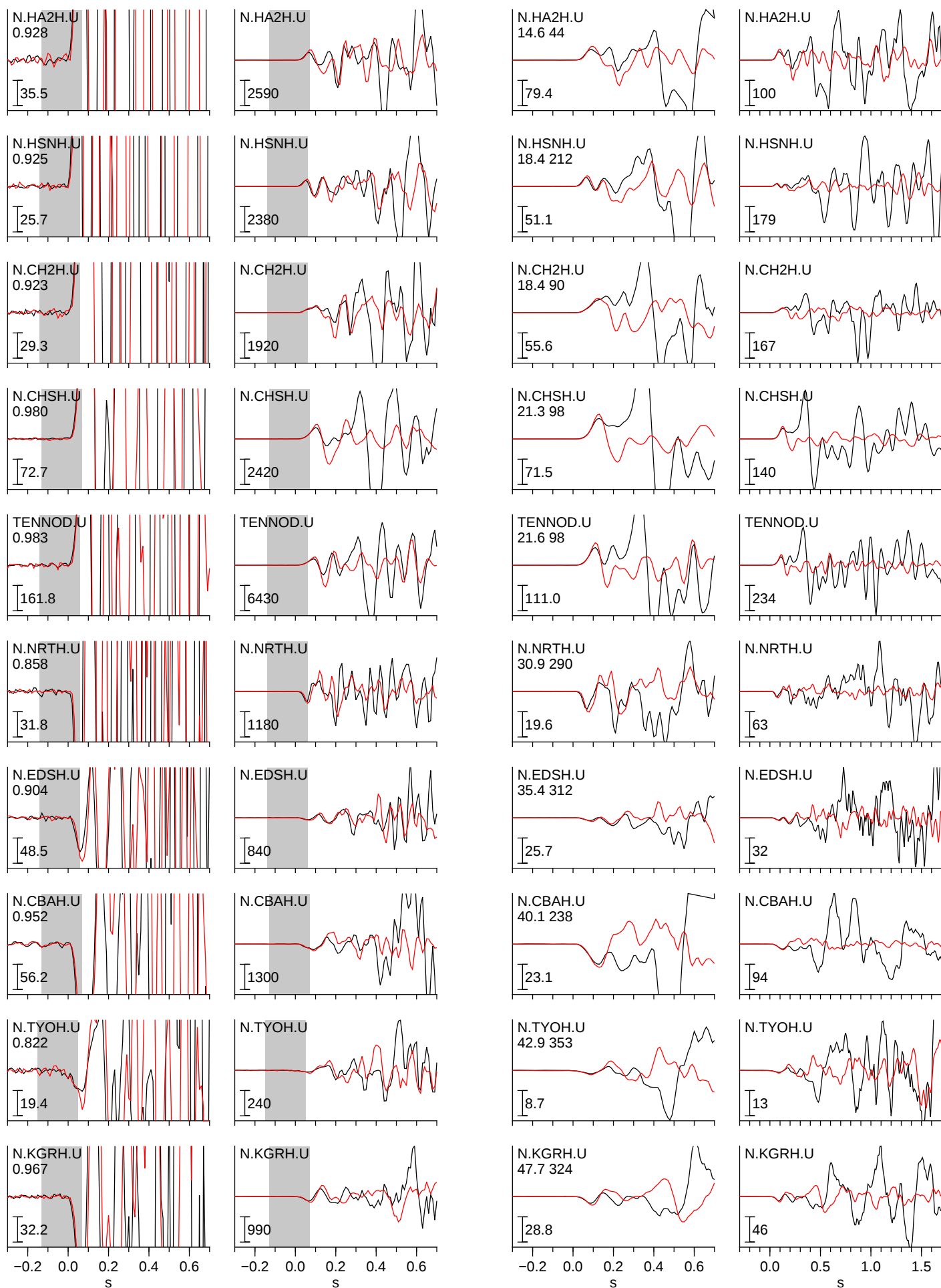
Pair #27 cc 0.924

20110630071437 35.735 140.619 50.6 4.6

20120729142553 35.728 140.601 46.8 3.4

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)



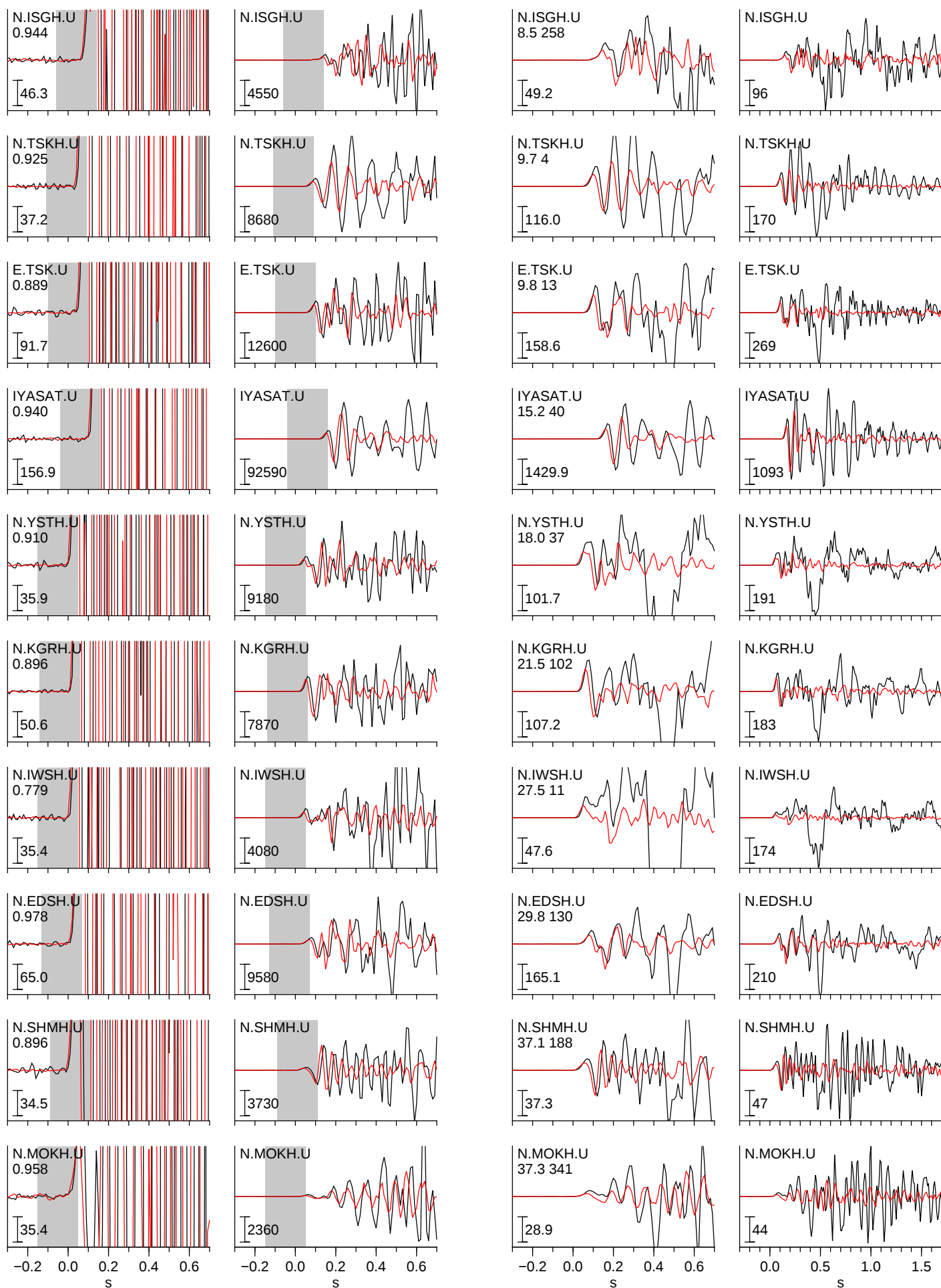
Pair #28 cc 0.912

20110815152648 36.127 140.081 64.0 4.7

20080605203718 36.139 140.102 66.0 3.6

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)



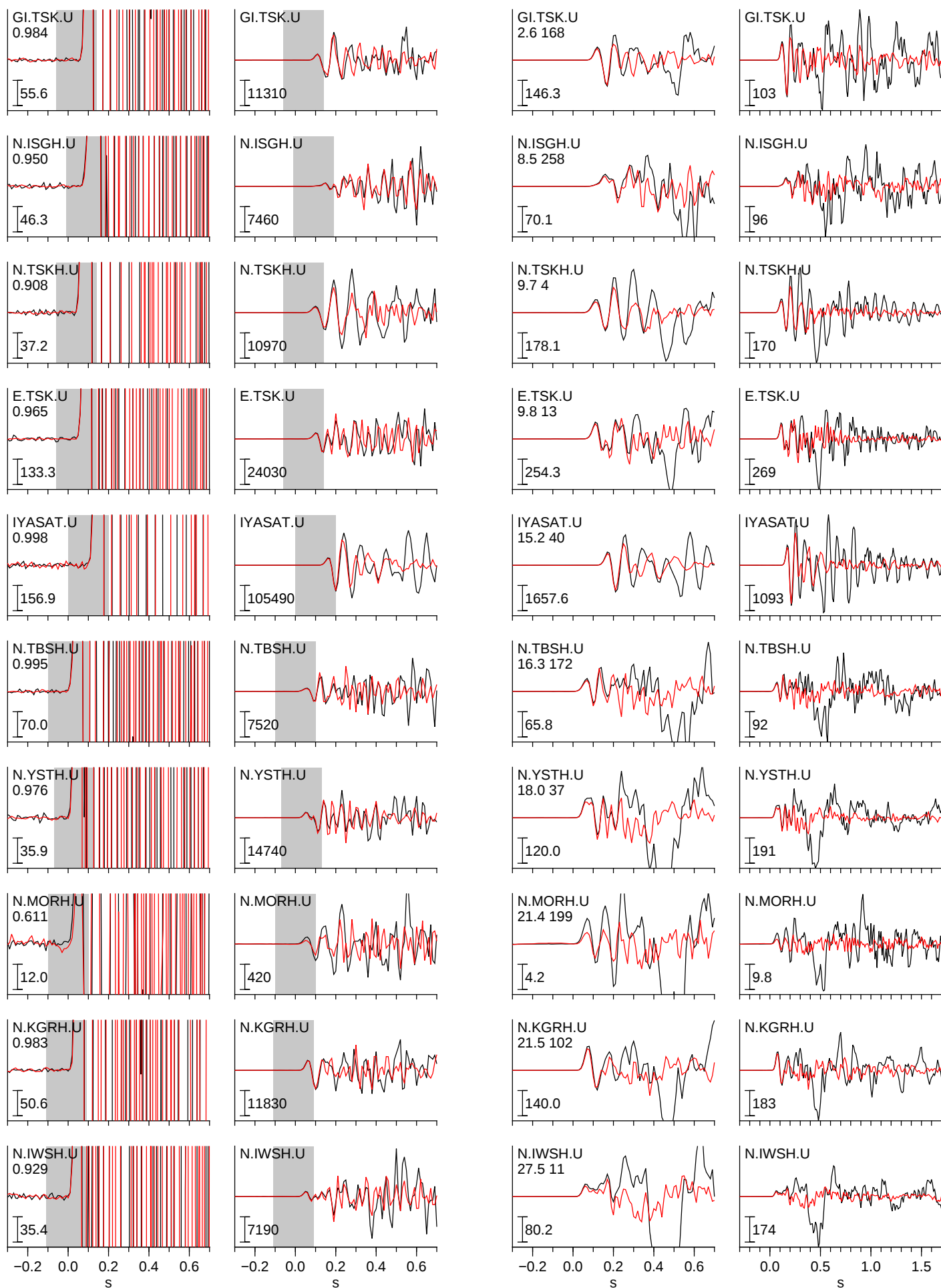
Pair #29 cc 0.930

20110815152648 36.127 140.081 64.0 4.7

20121011160614 36.127 140.079 64.0 3.9

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)



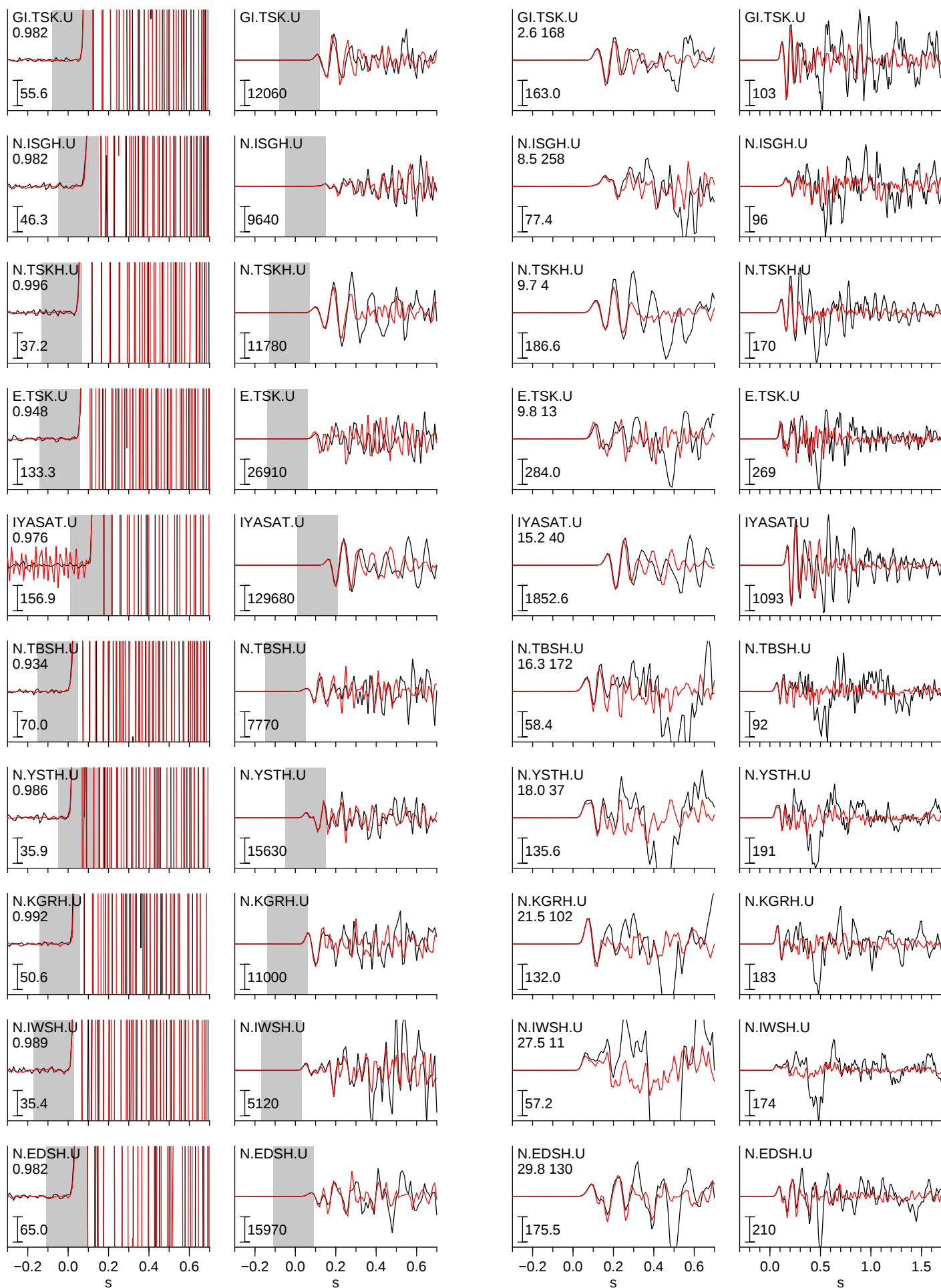
Pair #30 cc 0.977

20110815152648 36.127 140.081 64.0 4.7

20170112093630 36.124 140.079 64.0 3.9

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)



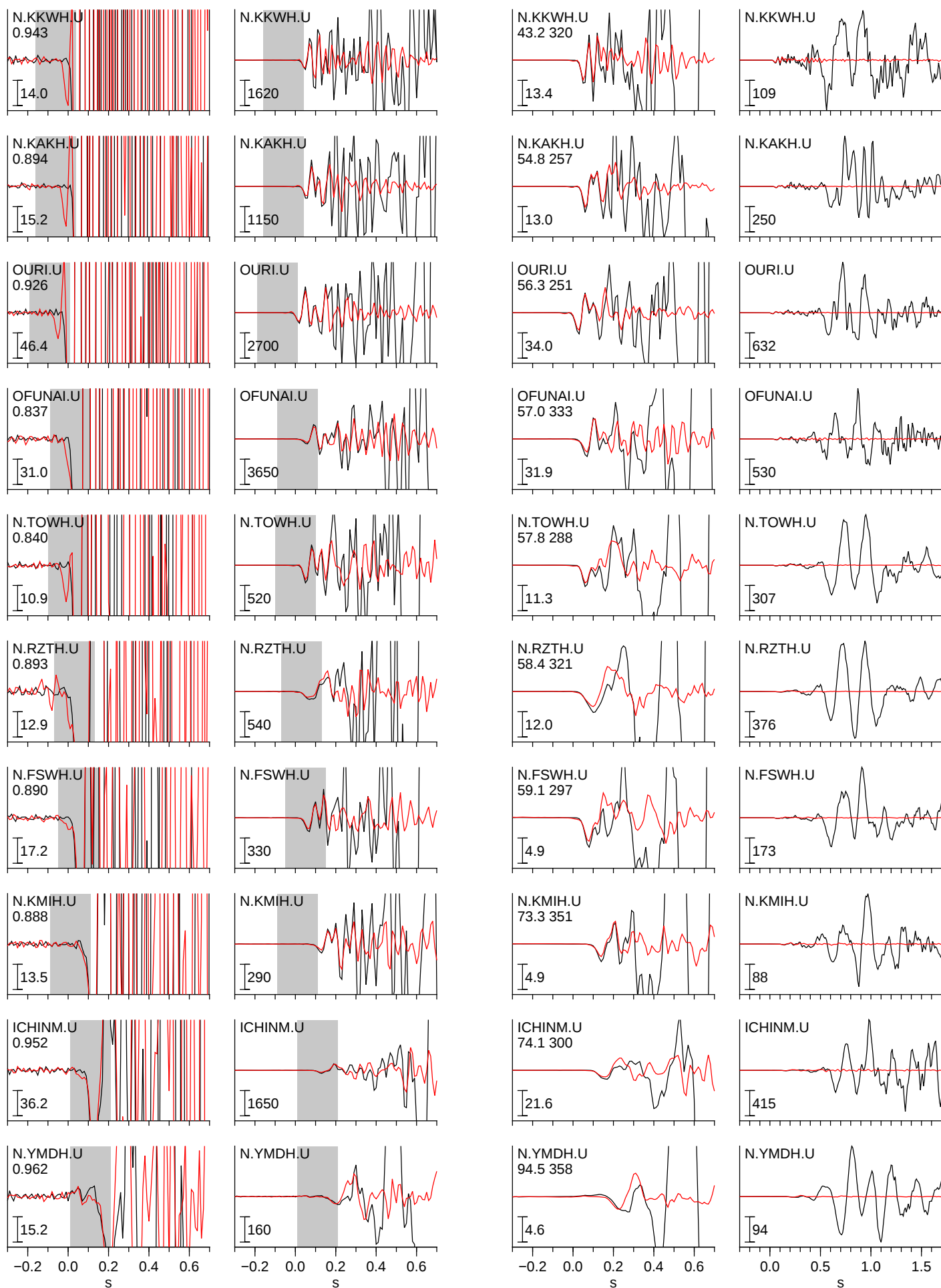
Pair #31 cc 0.902

20110821075840 38.622 141.956 50.1 4.8

20110701065327 38.629 141.928 47.2 3.1

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)



Pair #32 cc 0.928

20110821075840 38.622 141.956 50.1 4.8

20111102002806 38.632 141.923 46.7 3.2

acceleration ($\mu\text{m/s/s}$)

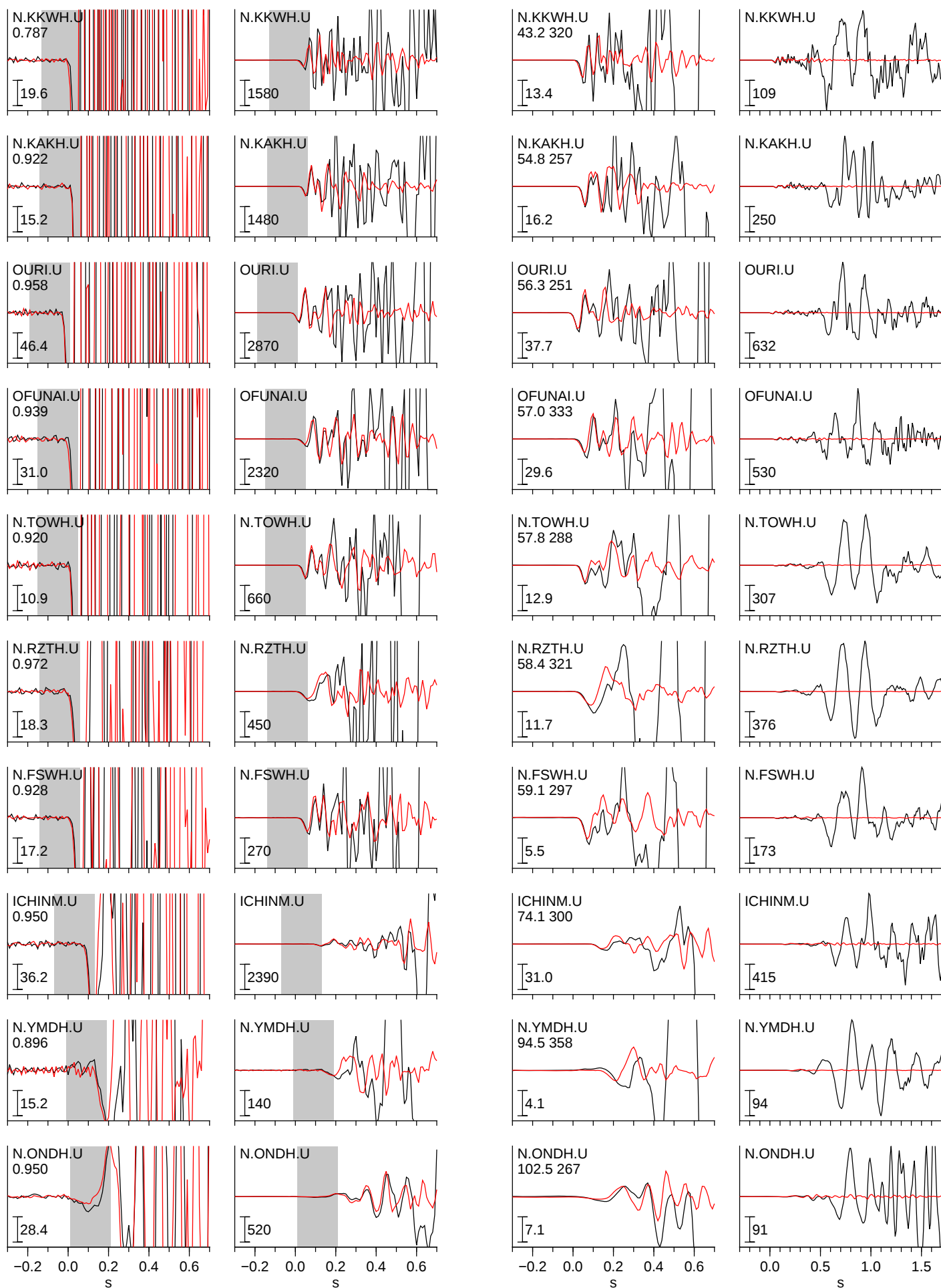
velocity ($\mu\text{m/s}$)



Pair #33 cc 0.922
 20110821075840 38.622 141.956 50.1 4.8
 20130922225853 38.629 141.920 47.3 3.0

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)



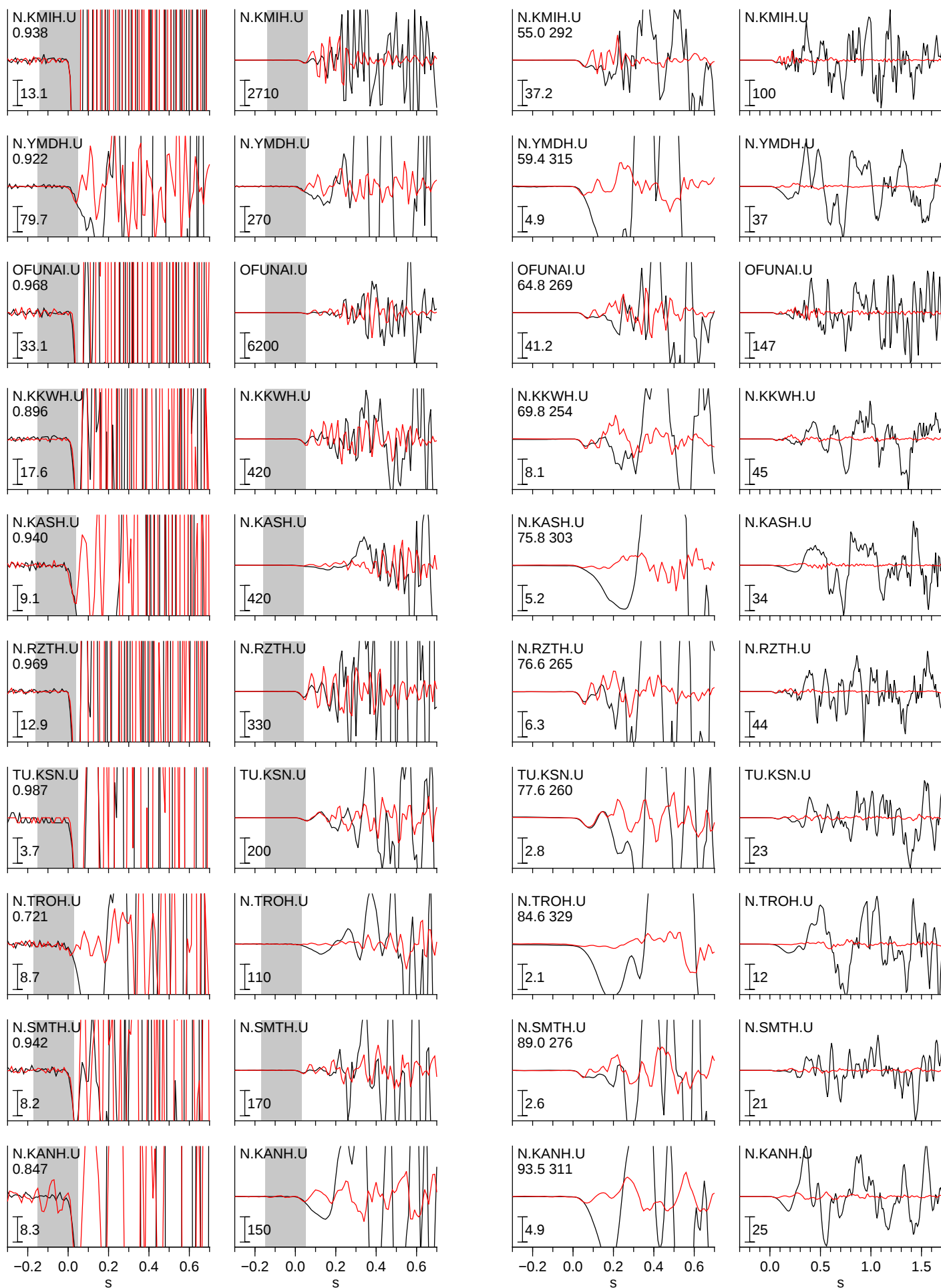
Pair #34 cc 0.913

20110902130803 39.090 142.414 32.5 4.5

20111025061659 39.089 142.398 31.1 3.3

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)



Pair #35 cc 0.910

20110907144207 38.647 142.166 41.8 4.6

20140422043615 38.645 142.167 40.6 4.0

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)



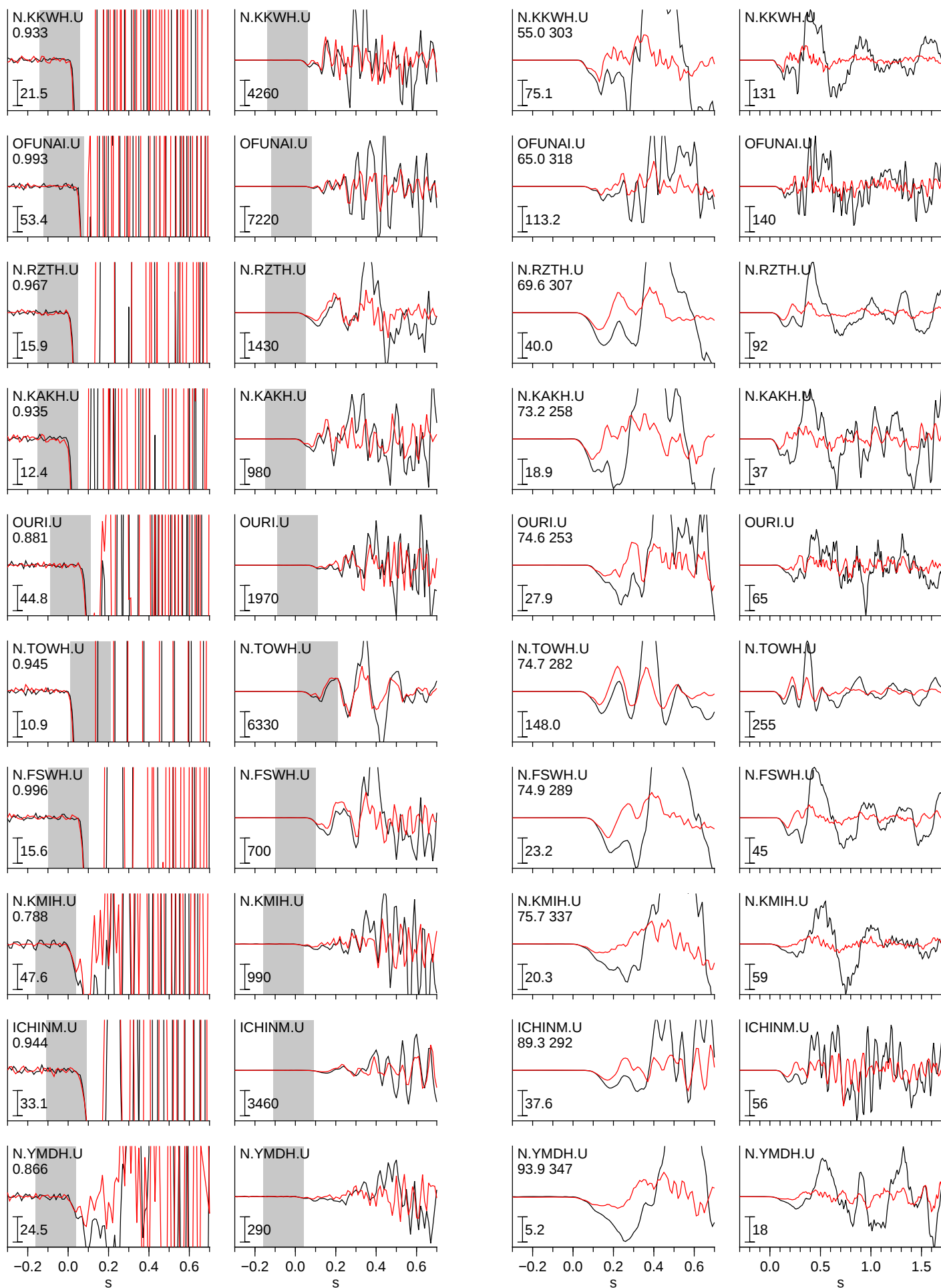
Pair #36 cc 0.925

20110907144207 38.647 142.166 41.8 4.6

20170117073522 38.645 142.164 40.1 3.9

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)



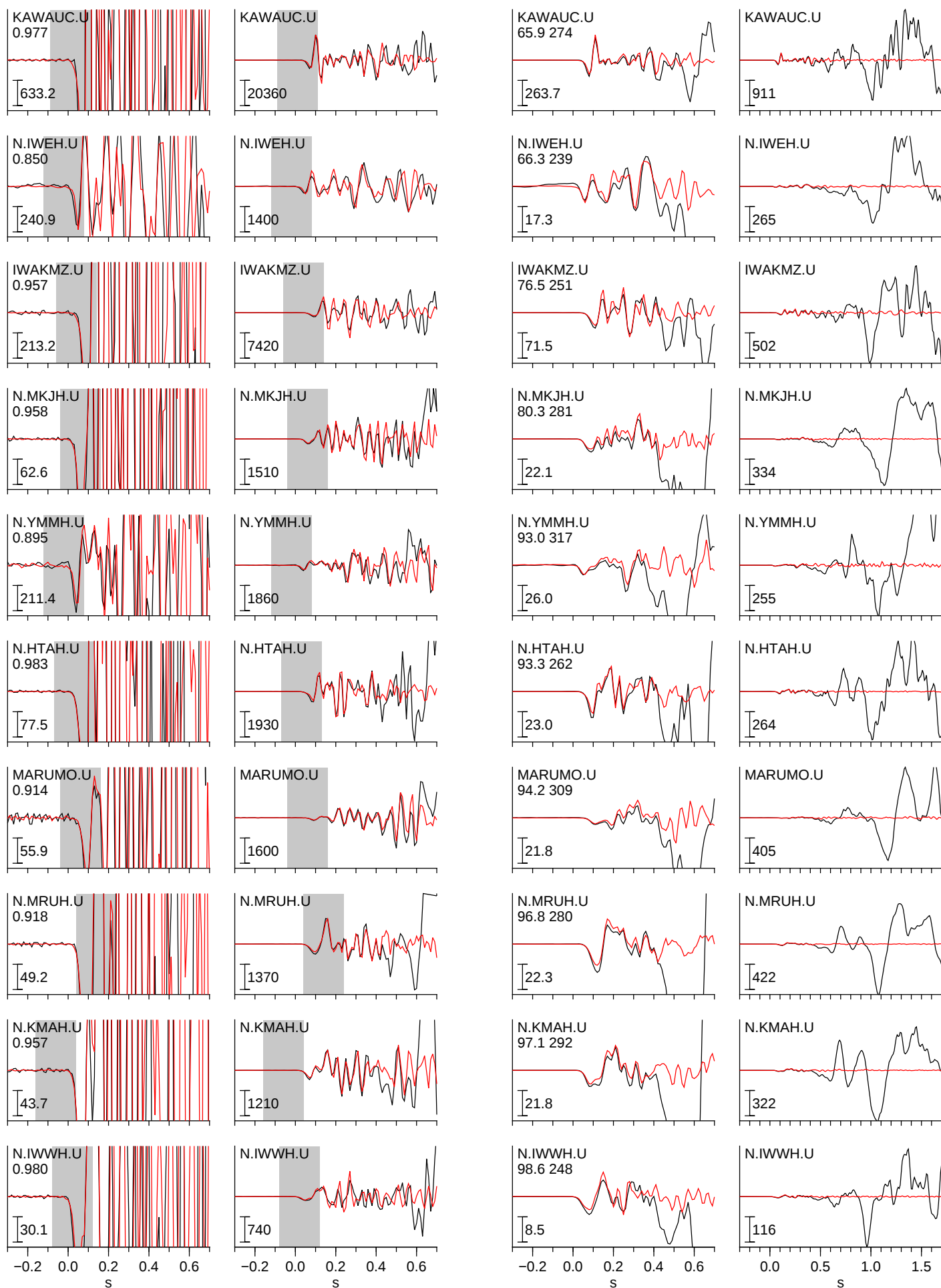
Pair #37 cc 0.939

20111124042430 37.330 141.613 45.4 6.1

20140510021805 37.334 141.571 46.5 3.8

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)



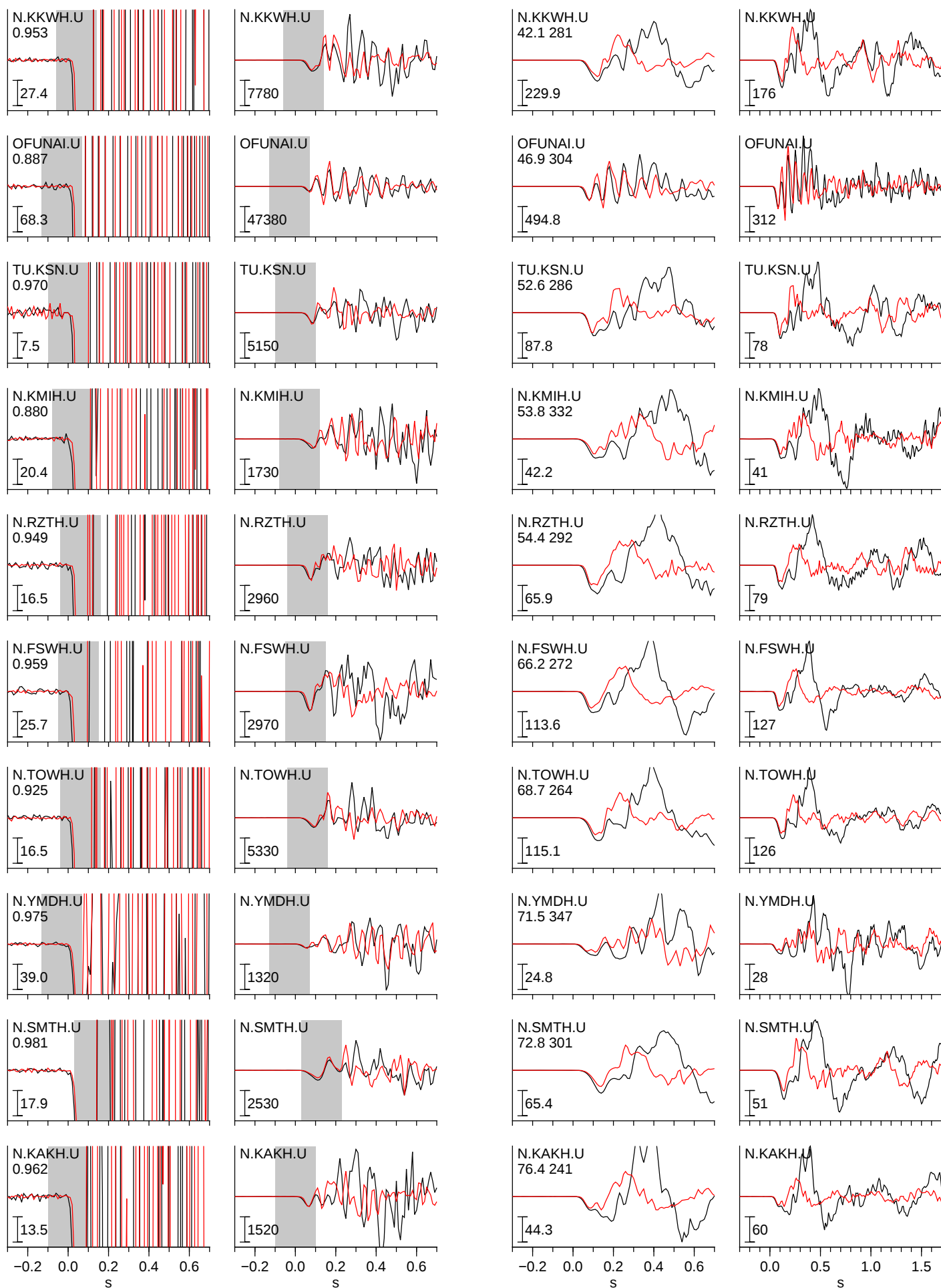
Pair #38 cc 0.944

20111126104320 38.845 142.113 44.0 4.5

20141108210927 38.844 142.113 44.1 4.0

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)



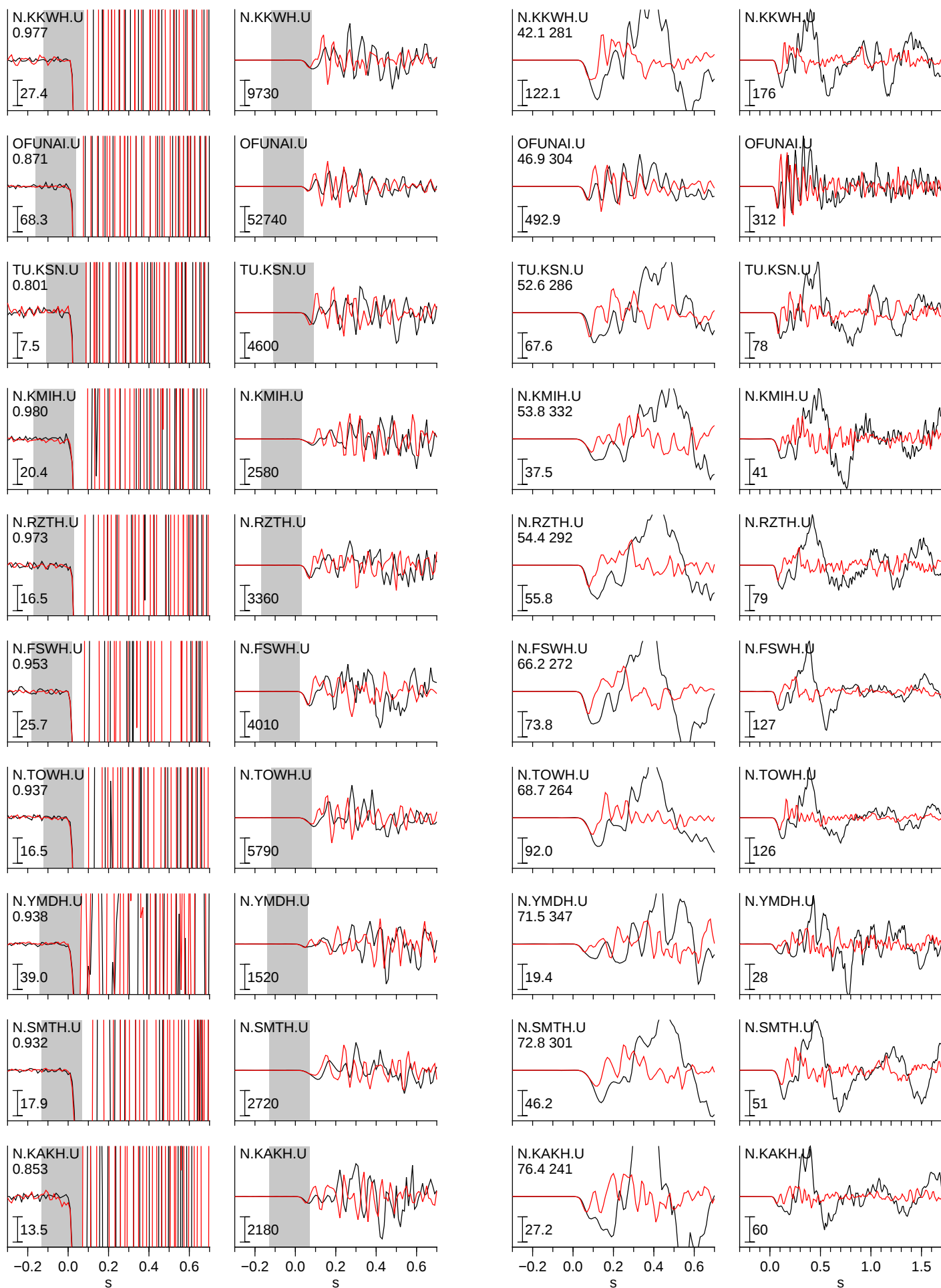
Pair #39 cc 0.921

20111126104320 38.845 142.113 44.0 4.5

20161224160432 38.846 142.114 43.7 3.8

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)



Pair #40 cc 0.941

20111226024137 35.900 140.837 40.7 4.5

20131029171445 35.862 140.832 45.6 3.0

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)



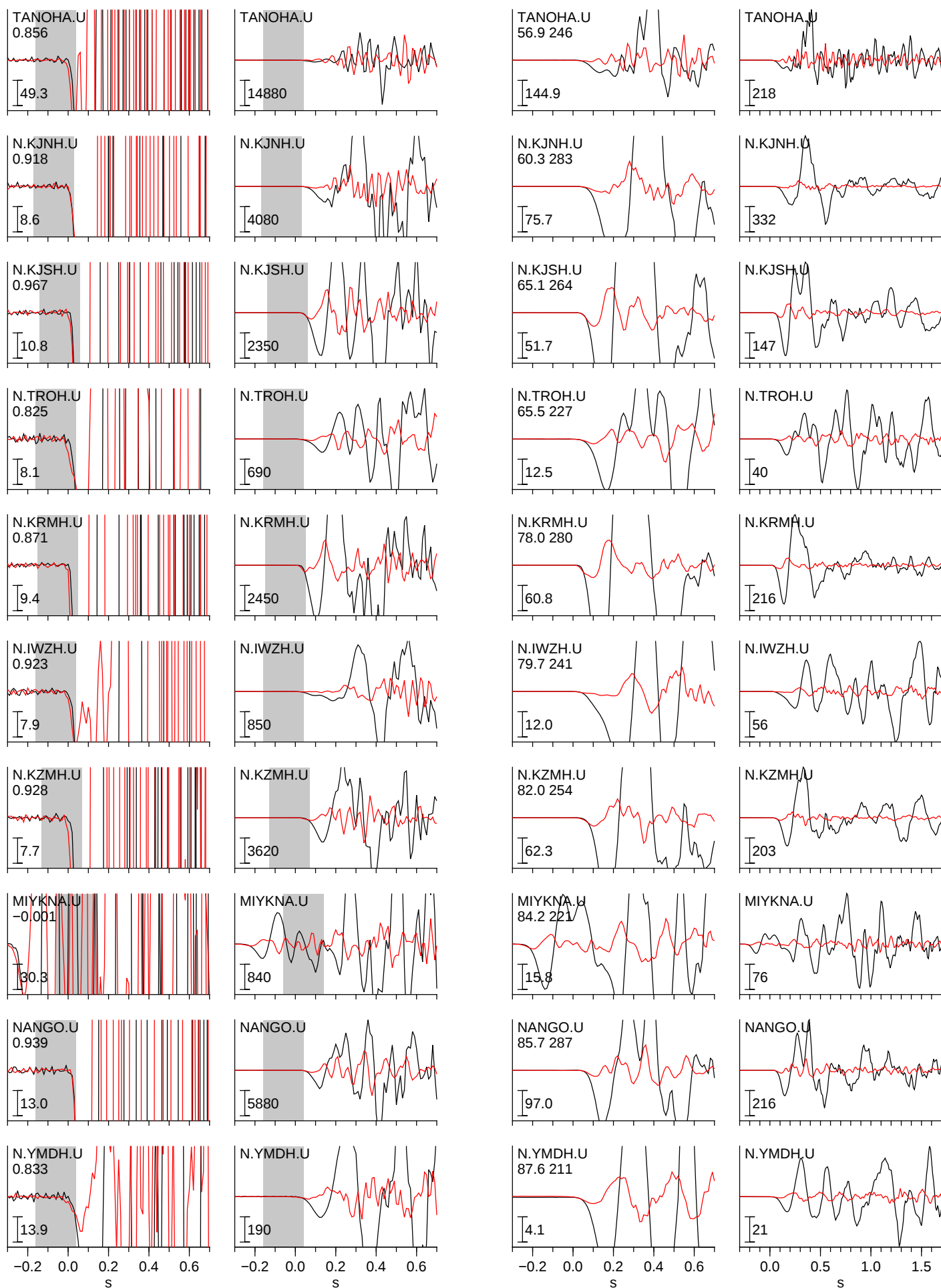
Pair #41 cc 0.901

20120114185754 40.144 142.472 34.3 4.7

20090610005520 40.145 142.478 34.4 4.0

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)



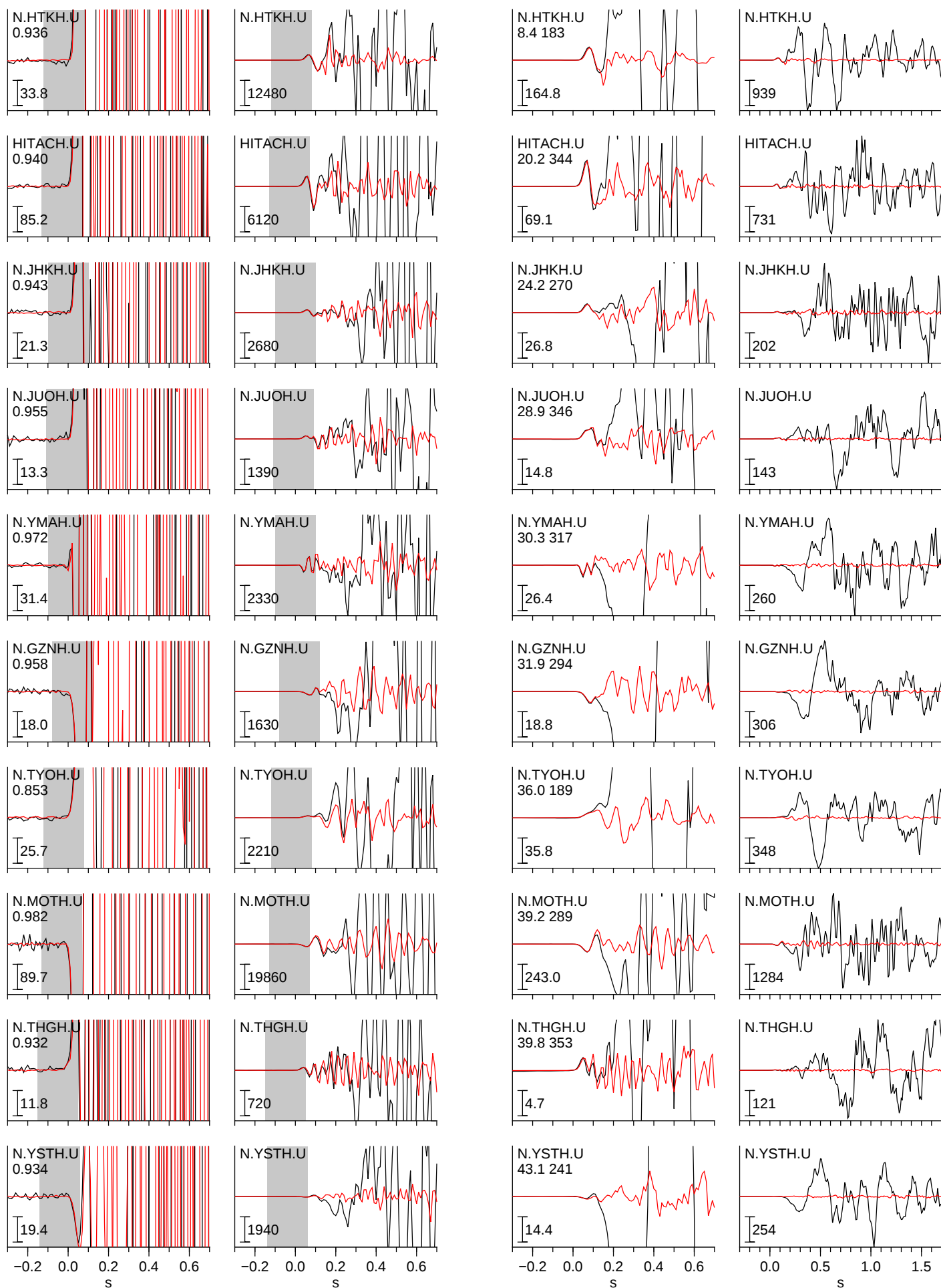
Pair #42 cc 0.941

20120301073233 36.439 140.626 55.7 5.3

20060615015812 36.442 140.612 55.4 3.8

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)



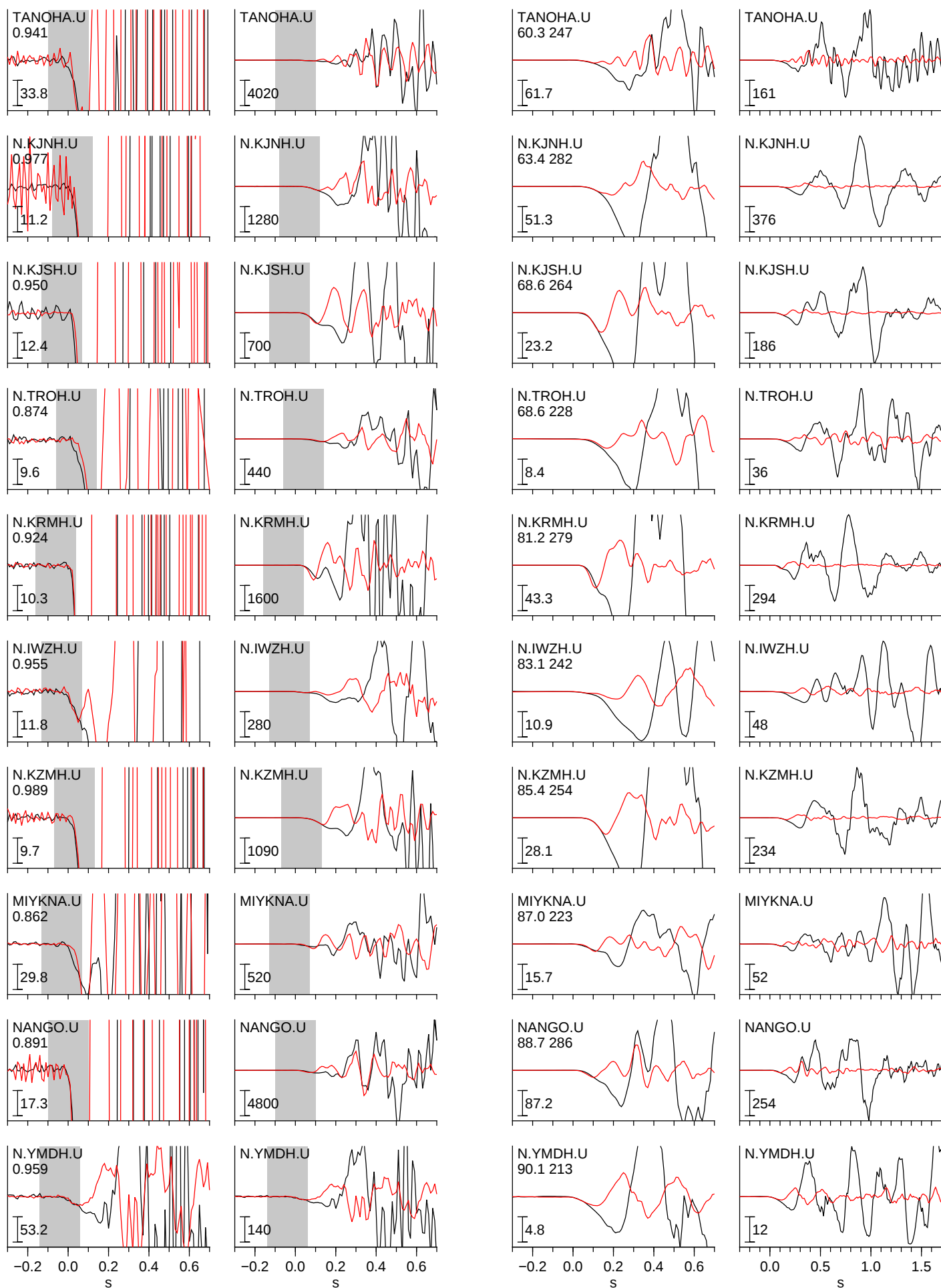
Pair #43 cc 0.932

20120305152424 40.151 142.512 32.5 5.1

20130406103941 40.150 142.475 32.8 3.9

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)



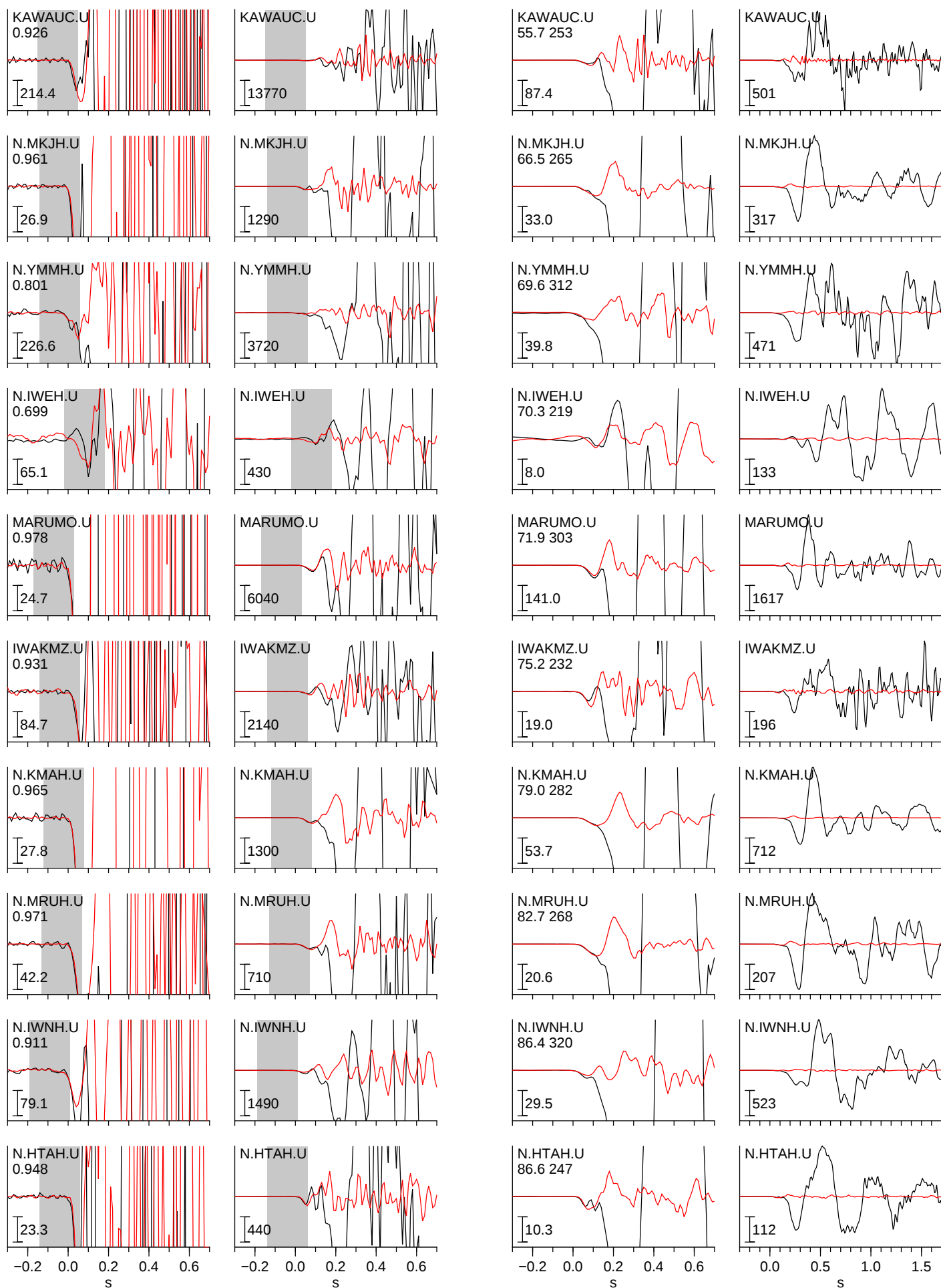
Pair #44 cc 0.909

20120330133832 37.516 141.473 46.4 5.1

20061028221515 37.519 141.462 47.7 3.6

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)



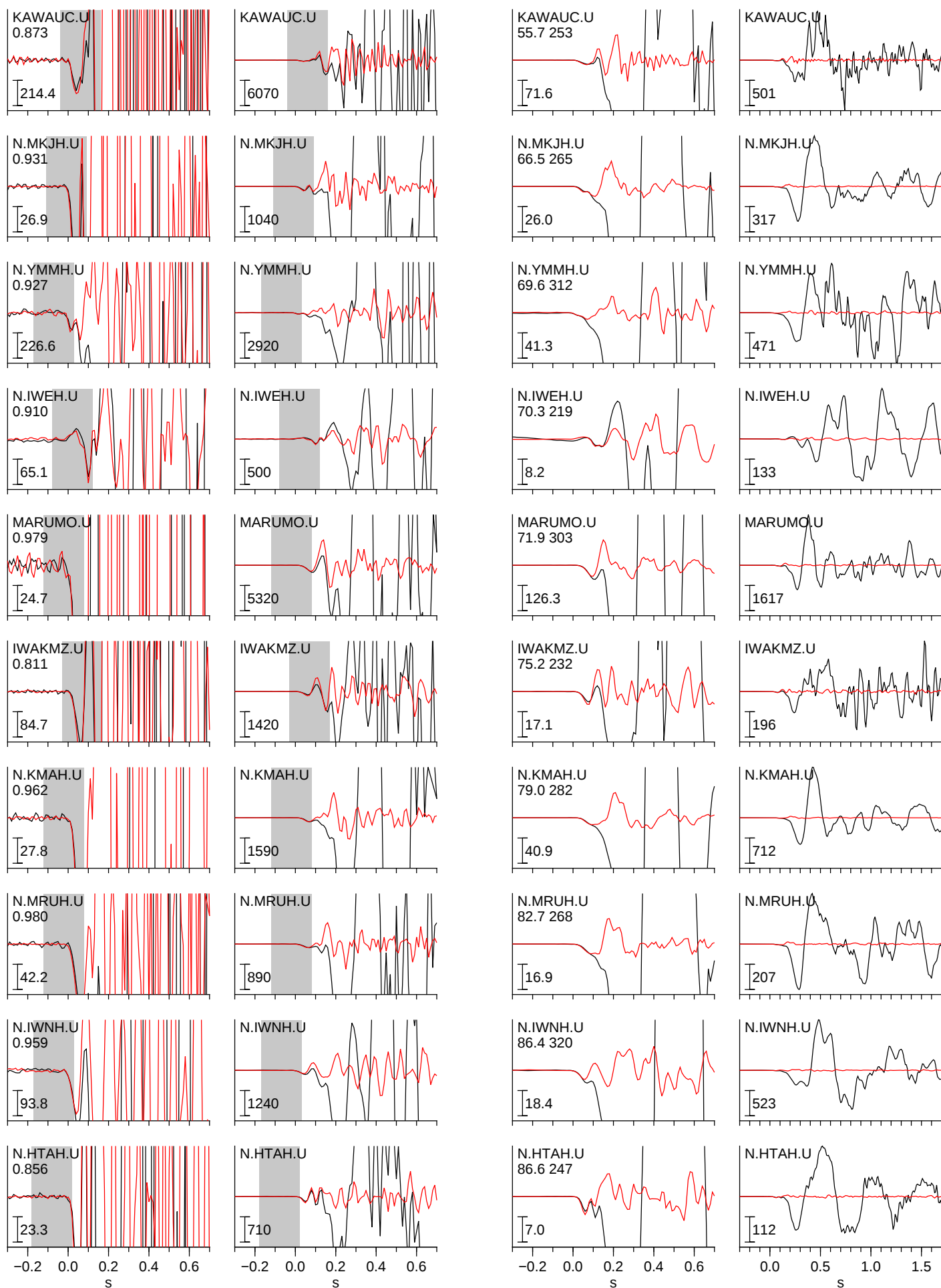
Pair #45 cc 0.919

20120330133832 37.516 141.473 46.4 5.1

20121227040100 37.520 141.459 48.5 3.5

acceleration ($\mu\text{m/s/s}$)

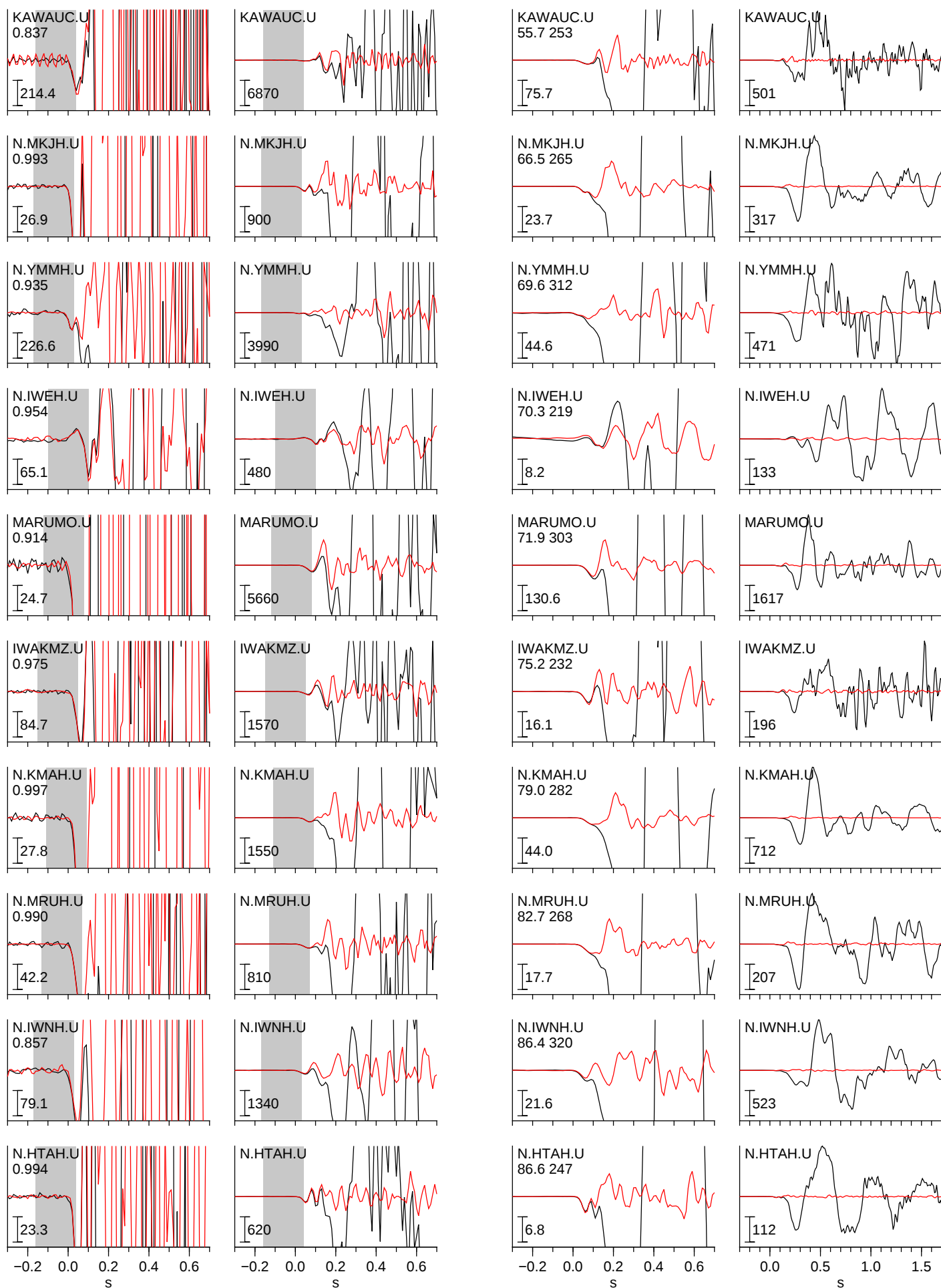
velocity ($\mu\text{m/s}$)



Pair #46 cc 0.945
 20120330133832 37.516 141.473 46.4 5.1
 20140103114001 37.518 141.450 48.5 3.6

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)



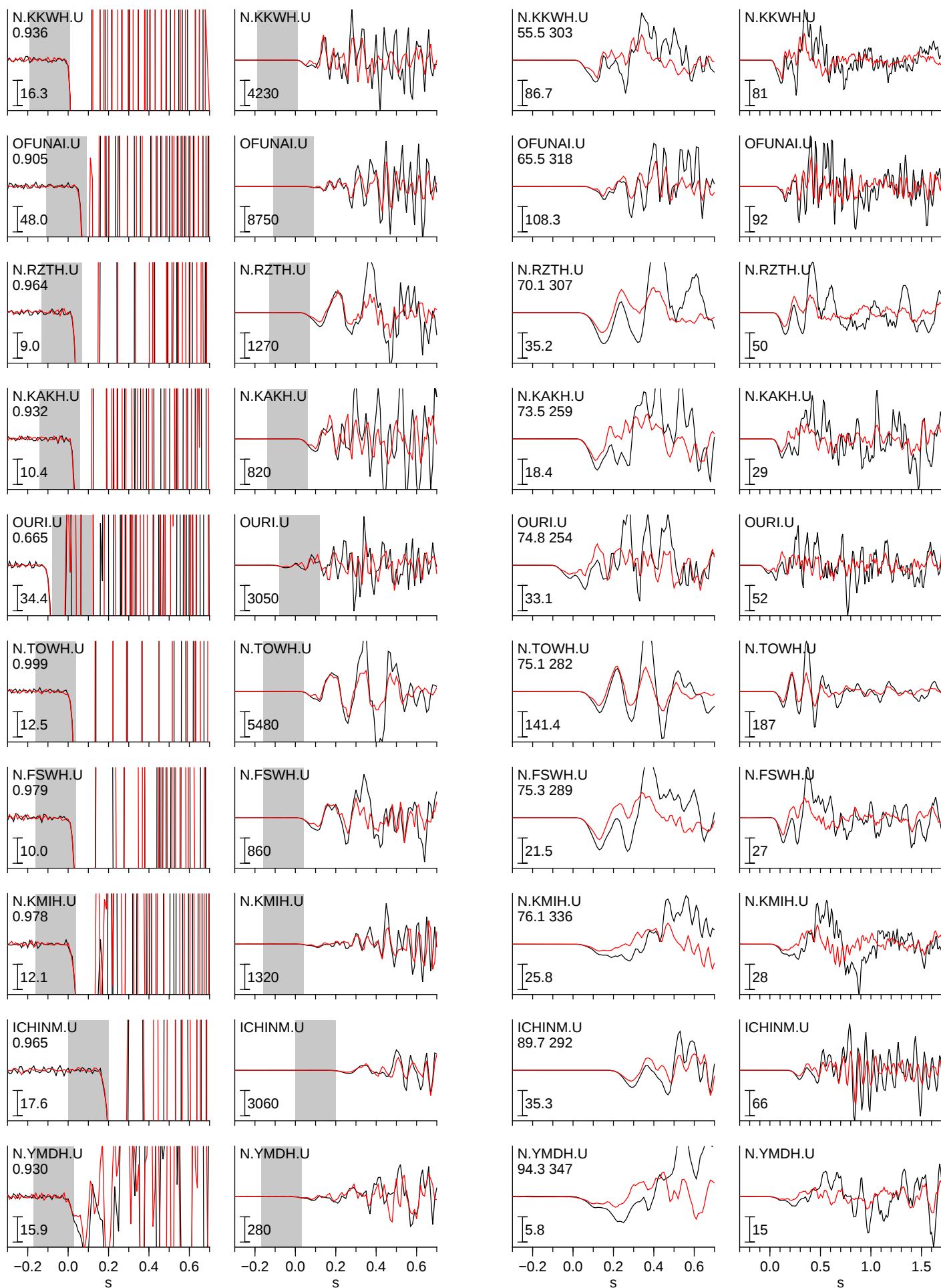
Pair #47 cc 0.925

20120610173800 38.644 142.170 41.0 4.5

20140422043615 38.645 142.167 40.6 4.0

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)



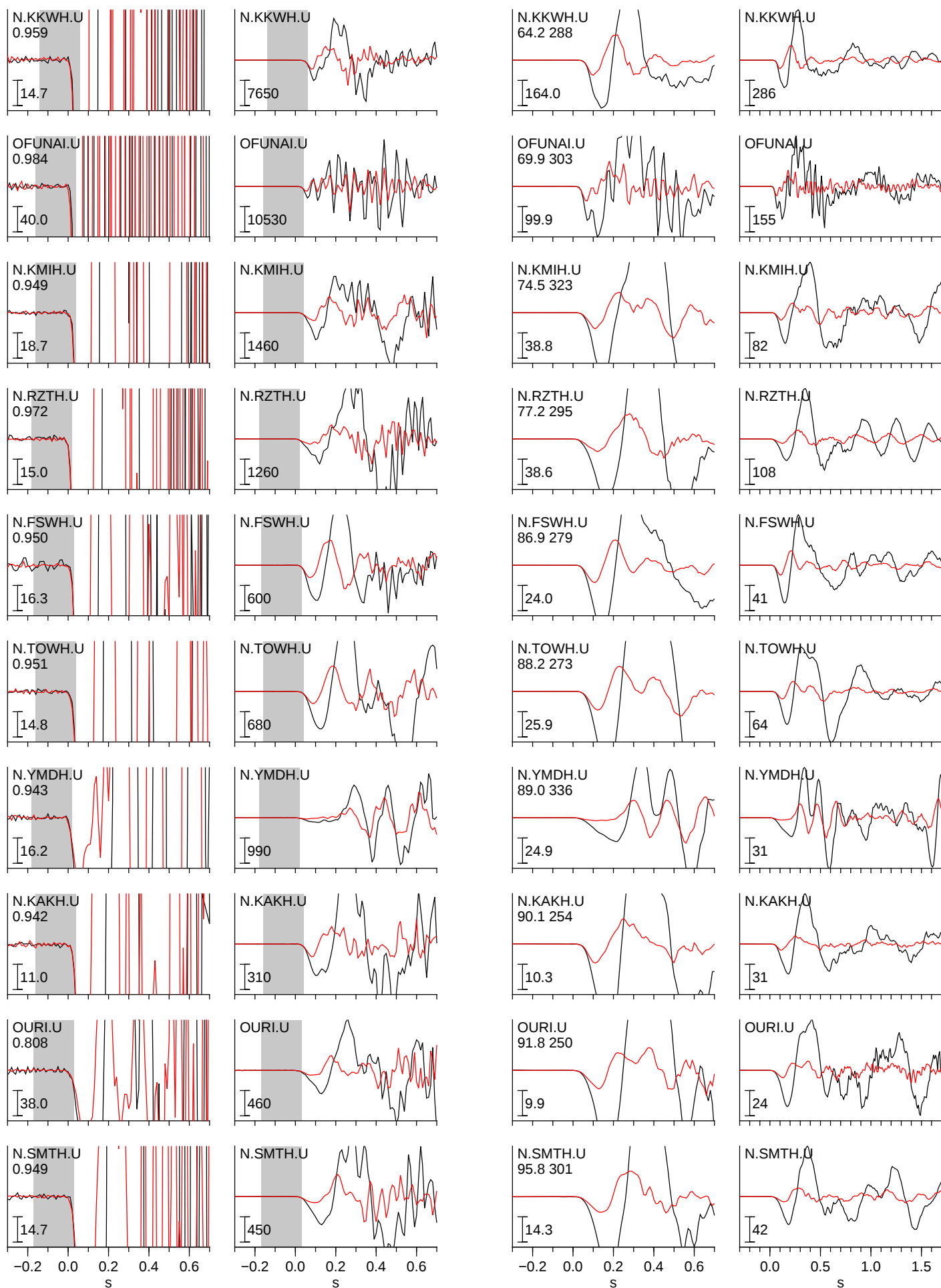
Pair #48 cc 0.941

20121024065515 38.736 142.338 37.9 4.5

20080126005623 38.739 142.320 37.5 3.8

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)



Pair #49 cc 0.902
 20130205223102 38.660 142.156 41.8 4.6
 20140727111300 38.661 142.154 39.8 3.7

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)



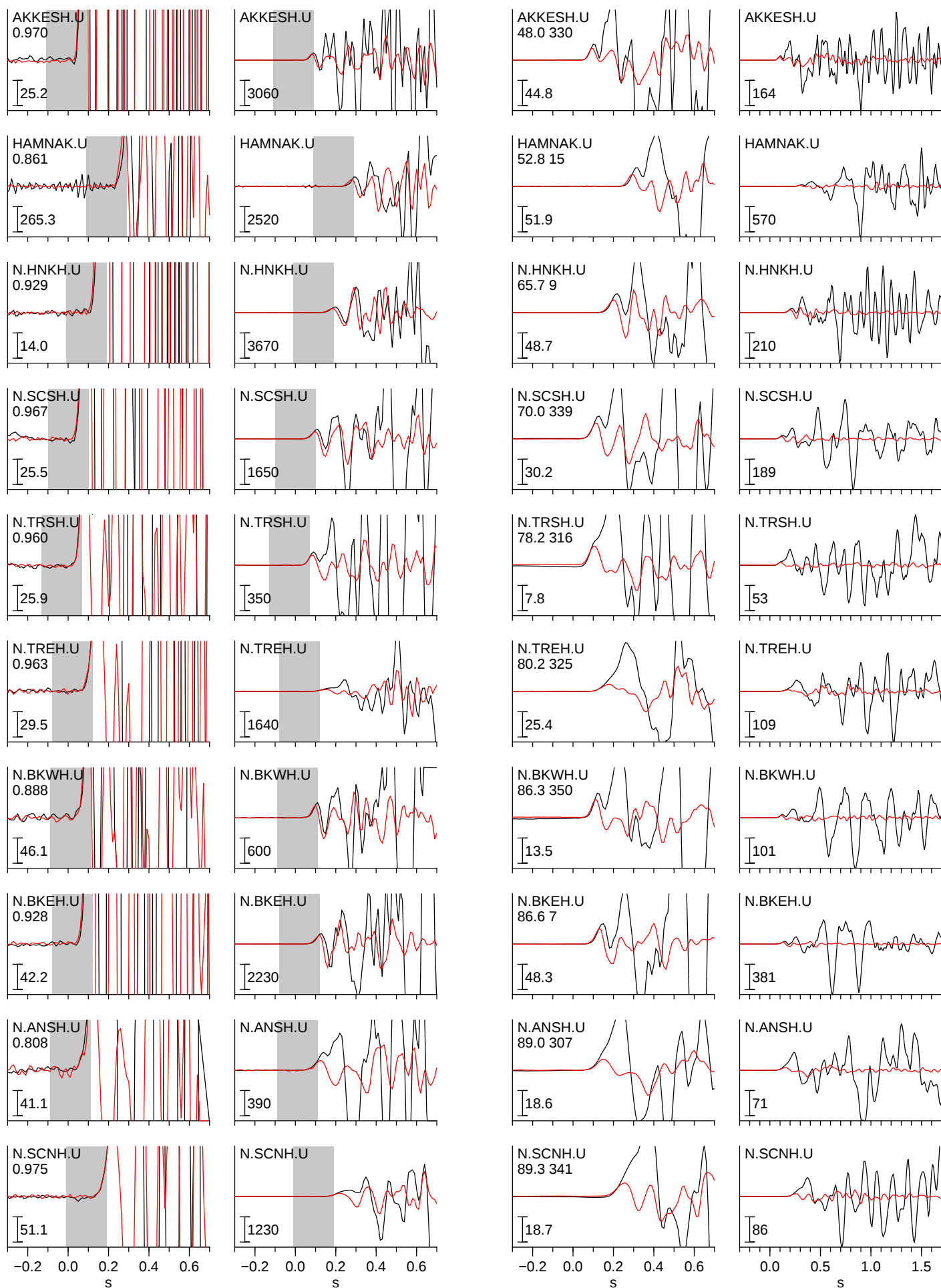
Pair #50 cc 0.925

20130310051130 42.625 144.986 48.8 5.1

20130310050853 42.624 144.997 48.1 3.8

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)



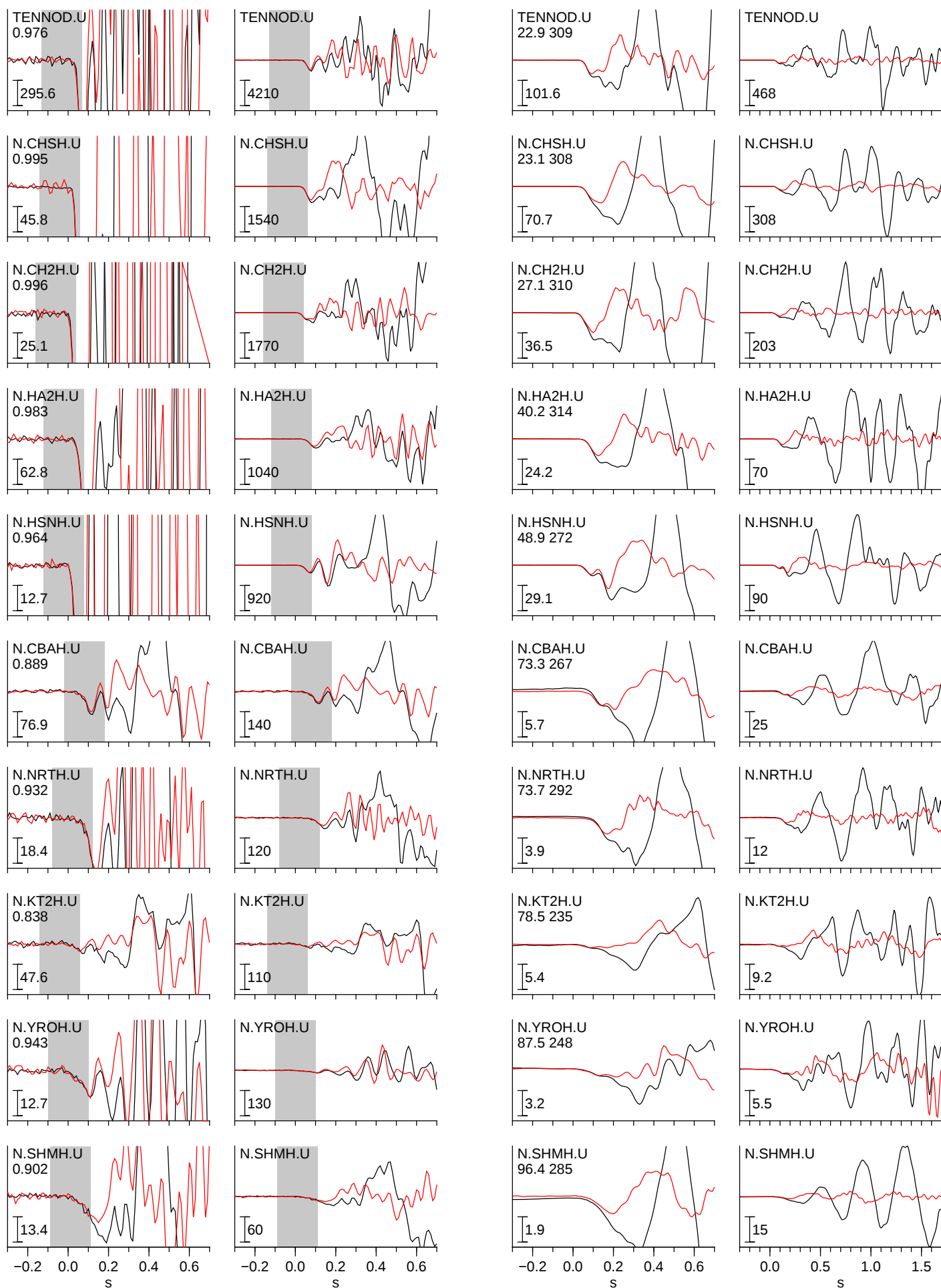
Pair #51 cc 0.942

20130407230915 35.575 141.050 37.4 4.9

20110521124645 35.572 141.030 35.9 3.3

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)



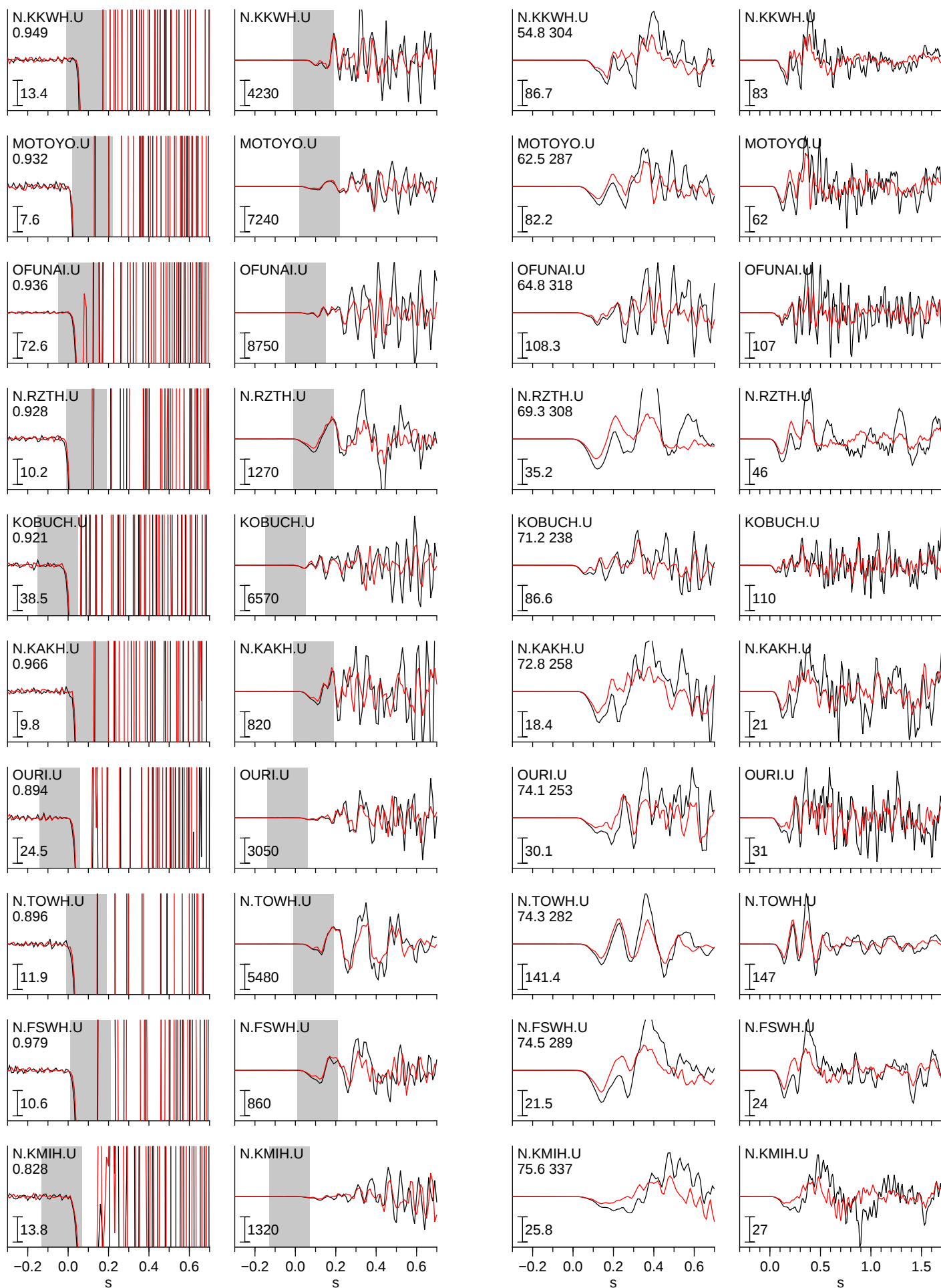
Pair #52 cc 0.923

20130523194734 38.646 142.161 40.8 4.5

20140422043615 38.645 142.167 40.6 4.0

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)



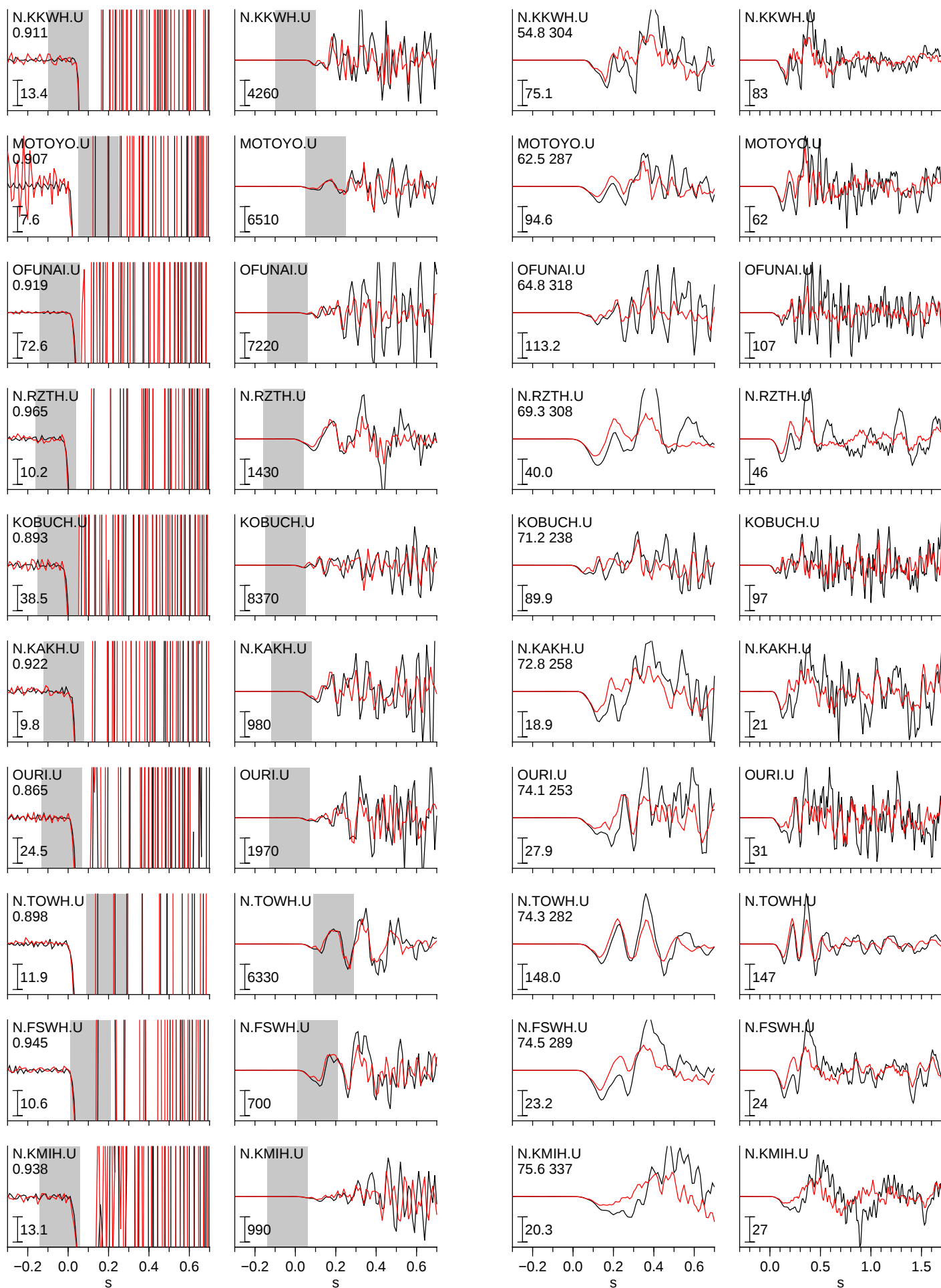
Pair #53 cc 0.916

20130523194734 38.646 142.161 40.8 4.5

20170117073522 38.645 142.164 40.1 3.9

acceleration ($\mu\text{m/s/s}$)

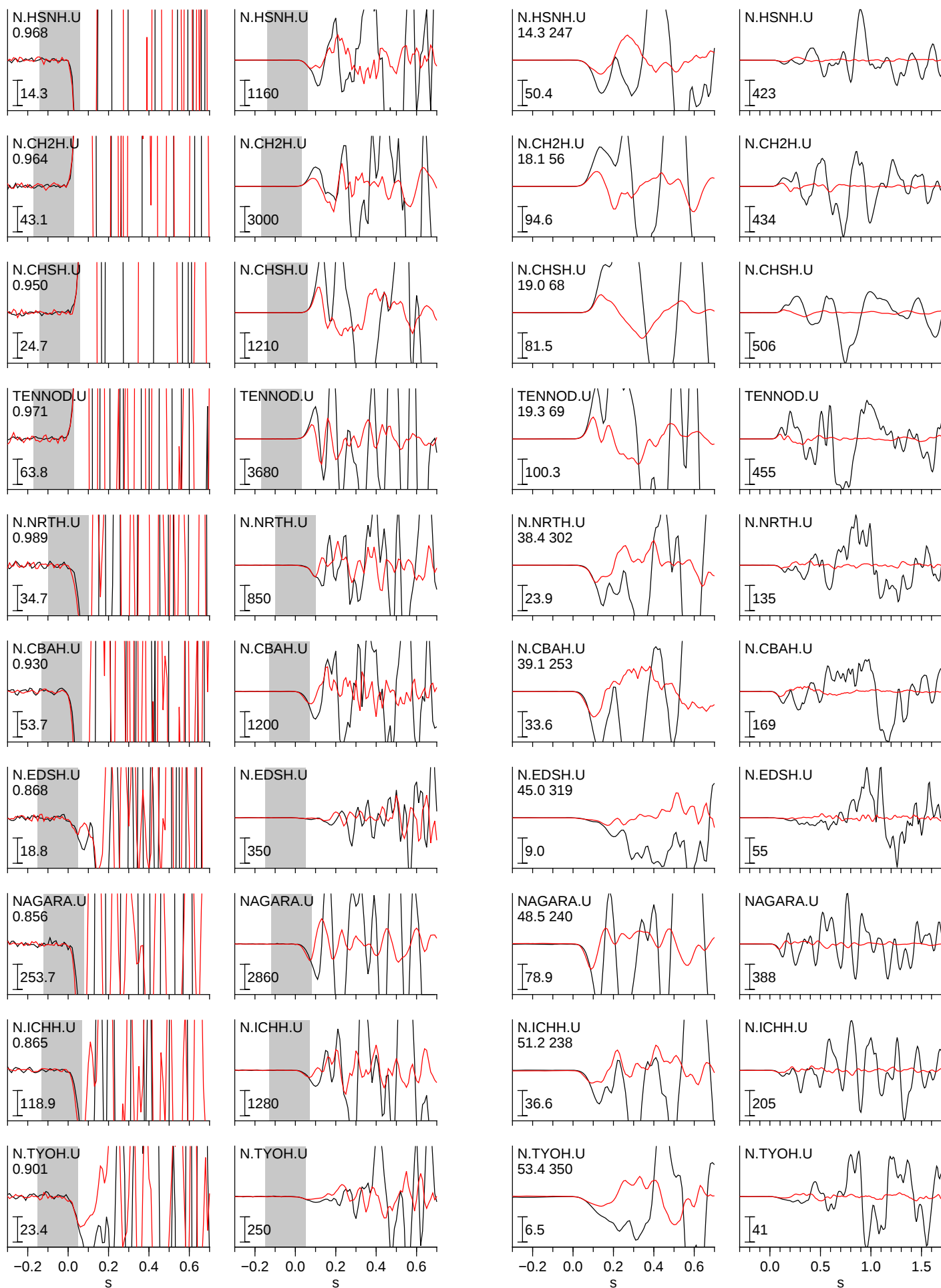
velocity ($\mu\text{m/s}$)



Pair #54 cc 0.926
 20130606122855 35.644 140.656 50.0 5.0
 20110820181211 35.658 140.644 46.7 3.2

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)



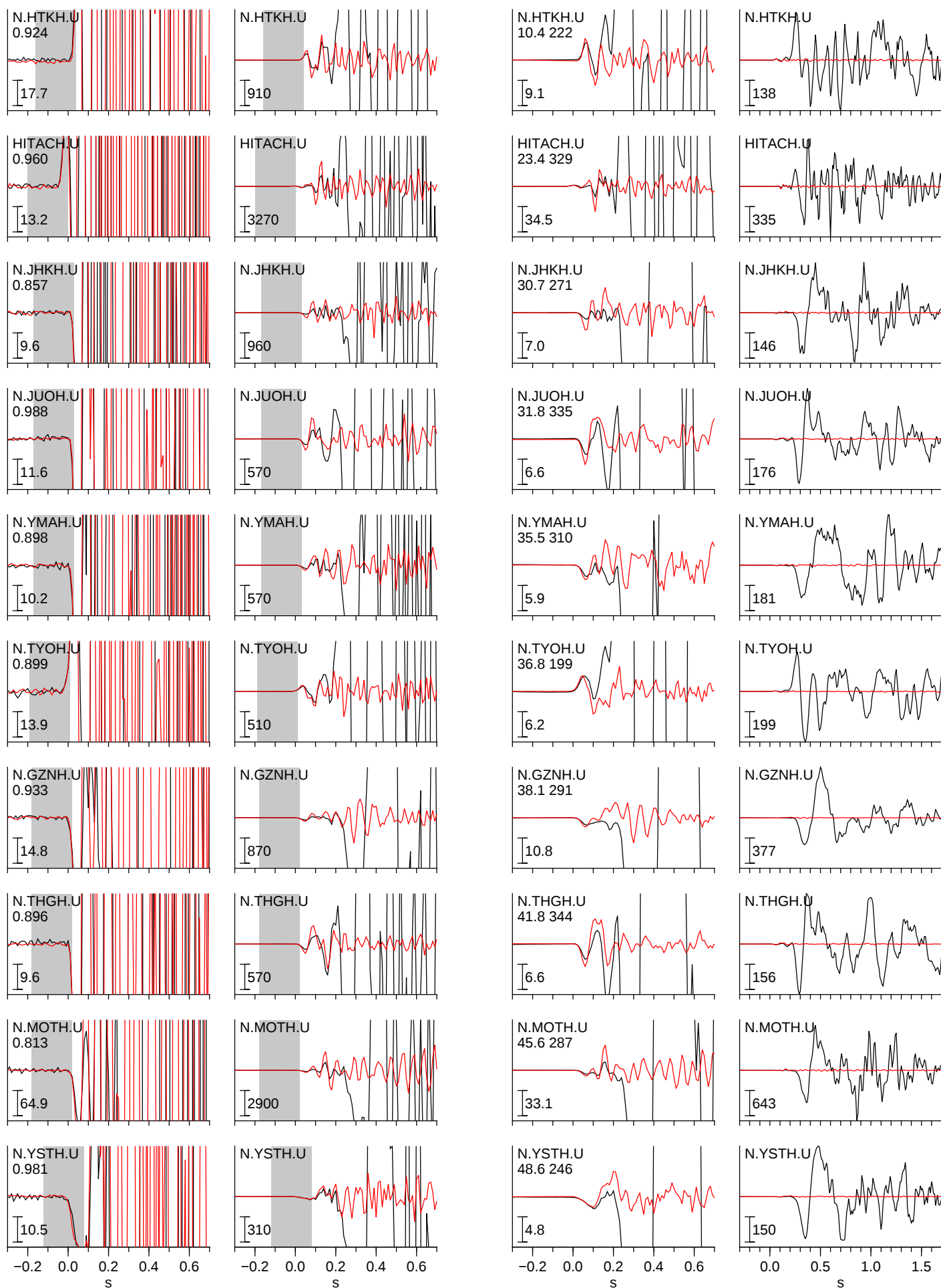
Pair #55 cc 0.915

20131012024312 36.432 140.698 51.8 4.8

20070603064816 36.425 140.686 50.9 2.9

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)



Pair #56 cc 0.913

20131020001424 38.174 141.702 51.4 5.1

20110302044535 38.181 141.688 50.5 3.4

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)



Pair #57 cc 0.915

20131020001424 38.174 141.702 51.4 5.1

20111022175737 38.167 141.708 51.0 3.9

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)



Pair #58 cc 0.963

20131020001424 38.174 141.702 51.4 5.1

20120627162129 38.177 141.690 50.1 3.5

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)



Pair #59 cc 0.962

20131020001424 38.174 141.702 51.4 5.1

20140502132037 38.185 141.684 49.9 3.4

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)



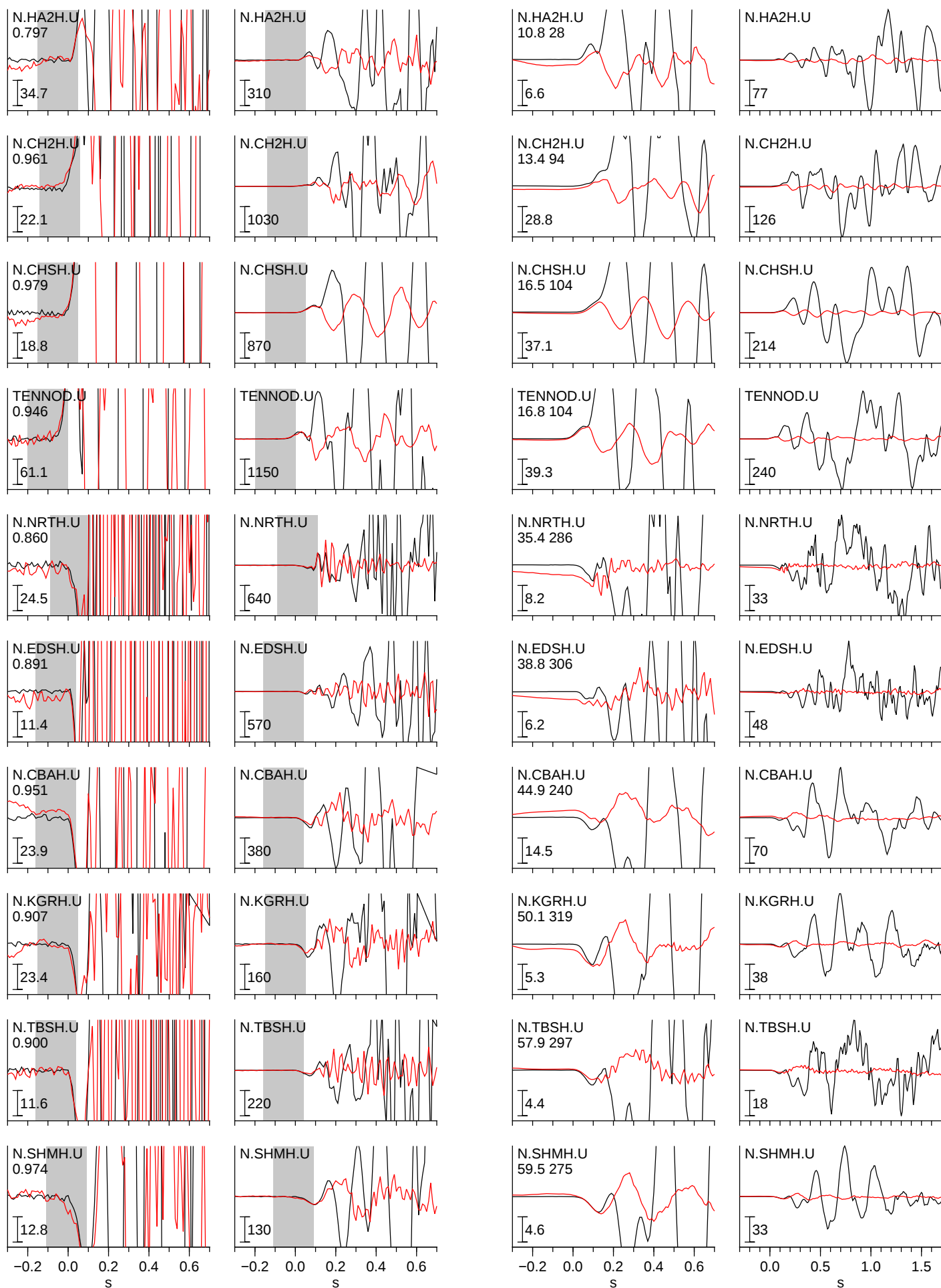
Pair #60 cc 0.917

20140308033423 35.743 140.675 51.0 4.5

20110512031746 35.760 140.659 46.4 2.7

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)



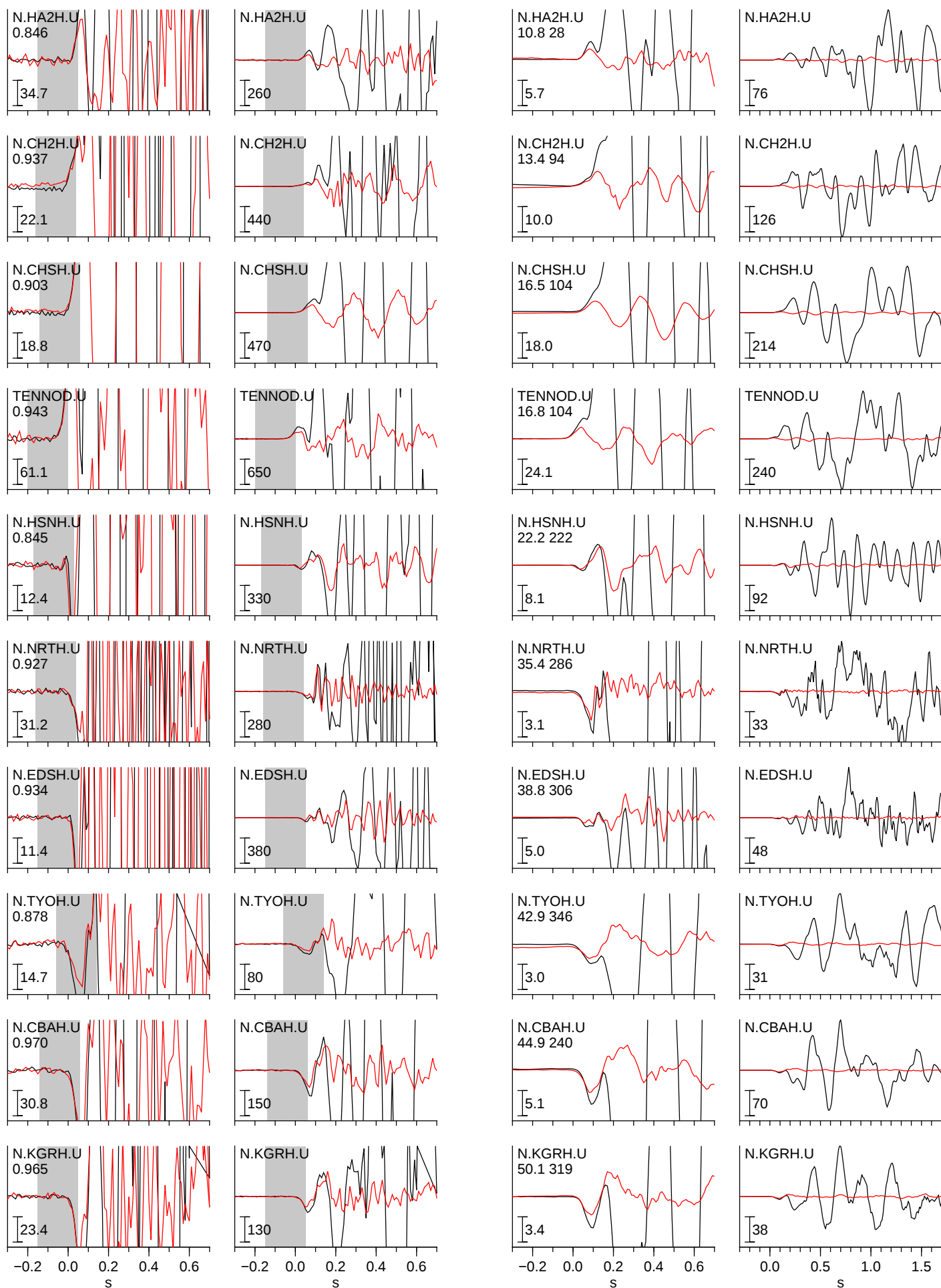
Pair #61 cc 0.915

20140308033423 35.743 140.675 51.0 4.5

20120419215038 35.759 140.644 43.5 2.3

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)



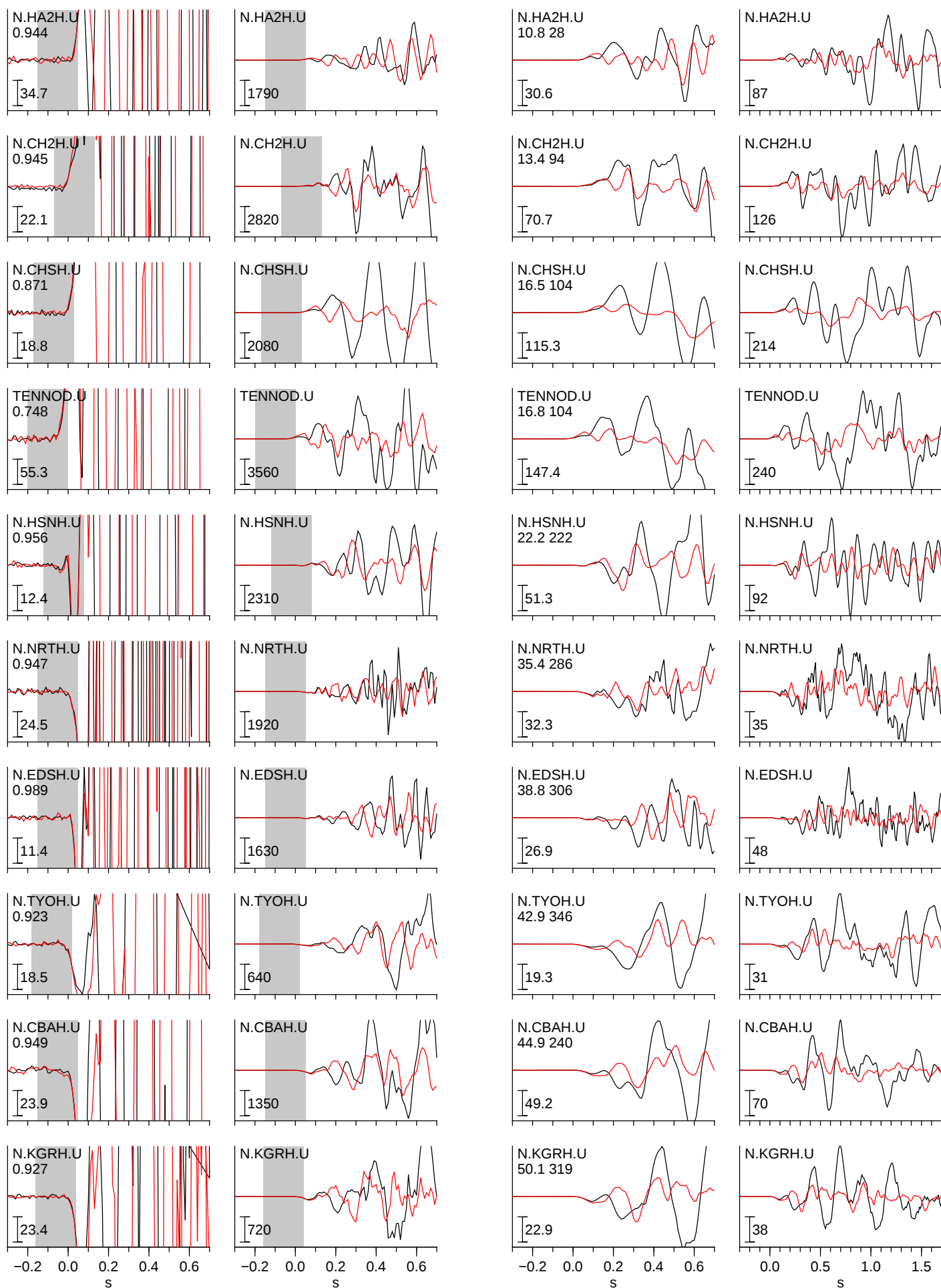
Pair #62 cc 0.920

20140308033423 35.743 140.675 51.0 4.5

20120602041123 35.751 140.664 48.5 3.4

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)



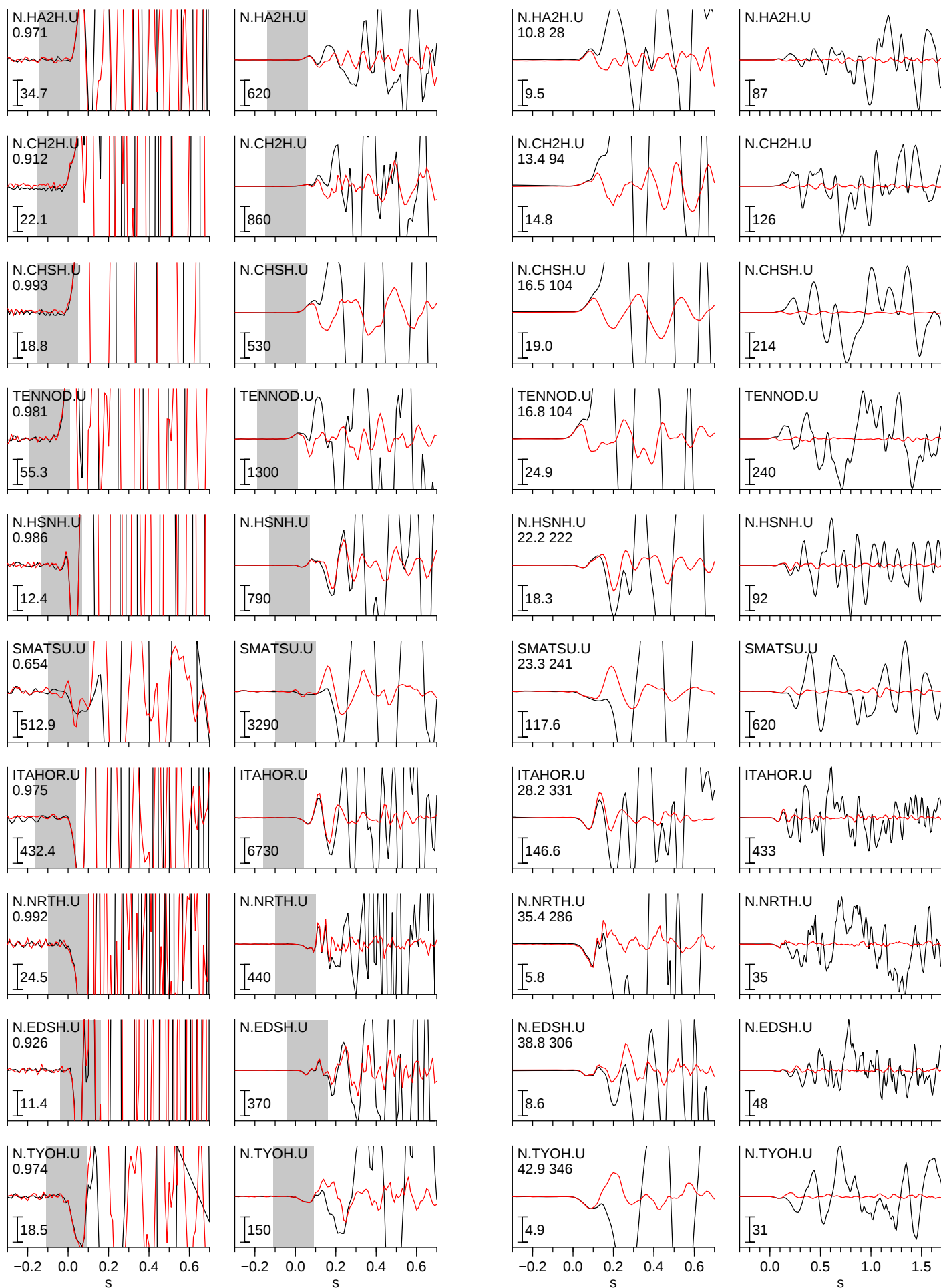
Pair #63 cc 0.937

20140308033423 35.743 140.675 51.0 4.5

20130110214053 35.748 140.675 50.0 2.6

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)



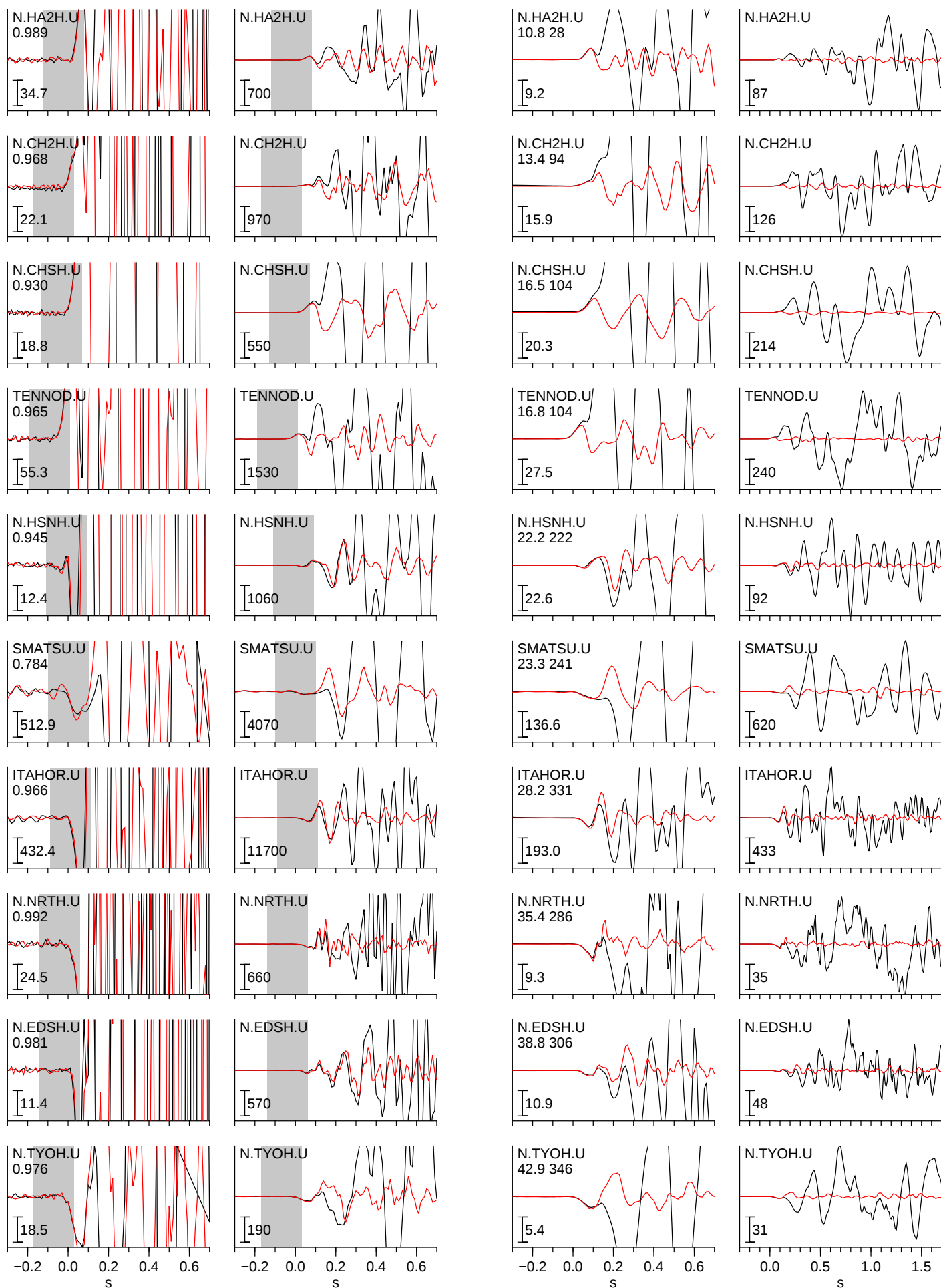
Pair #64 cc 0.950

20140308033423 35.743 140.675 51.0 4.5

20141104235406 35.743 140.674 50.1 2.6

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)



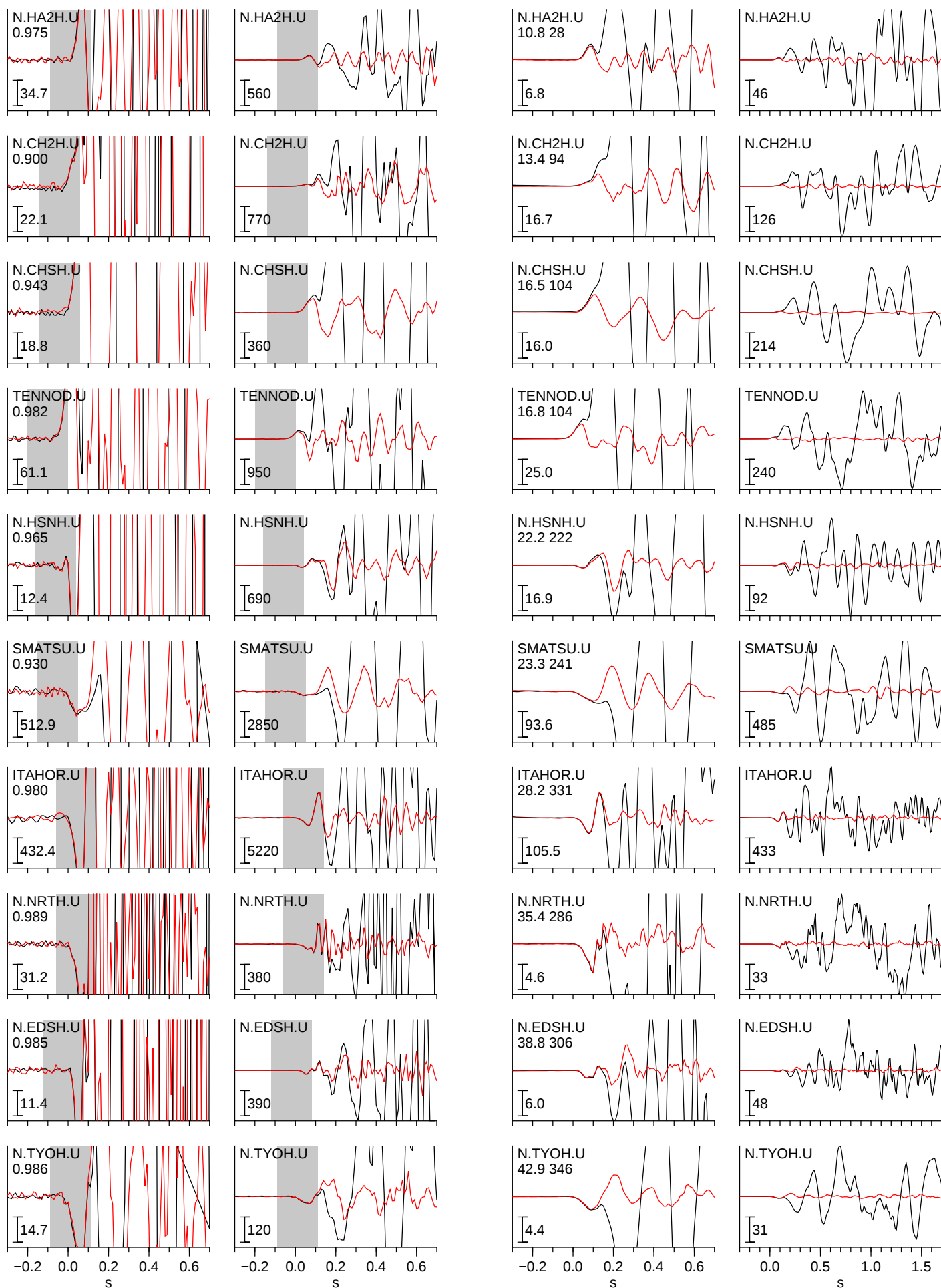
Pair #65 cc 0.964

20140308033423 35.743 140.675 51.0 4.5

20160726175844 35.748 140.660 43.1 2.5

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)



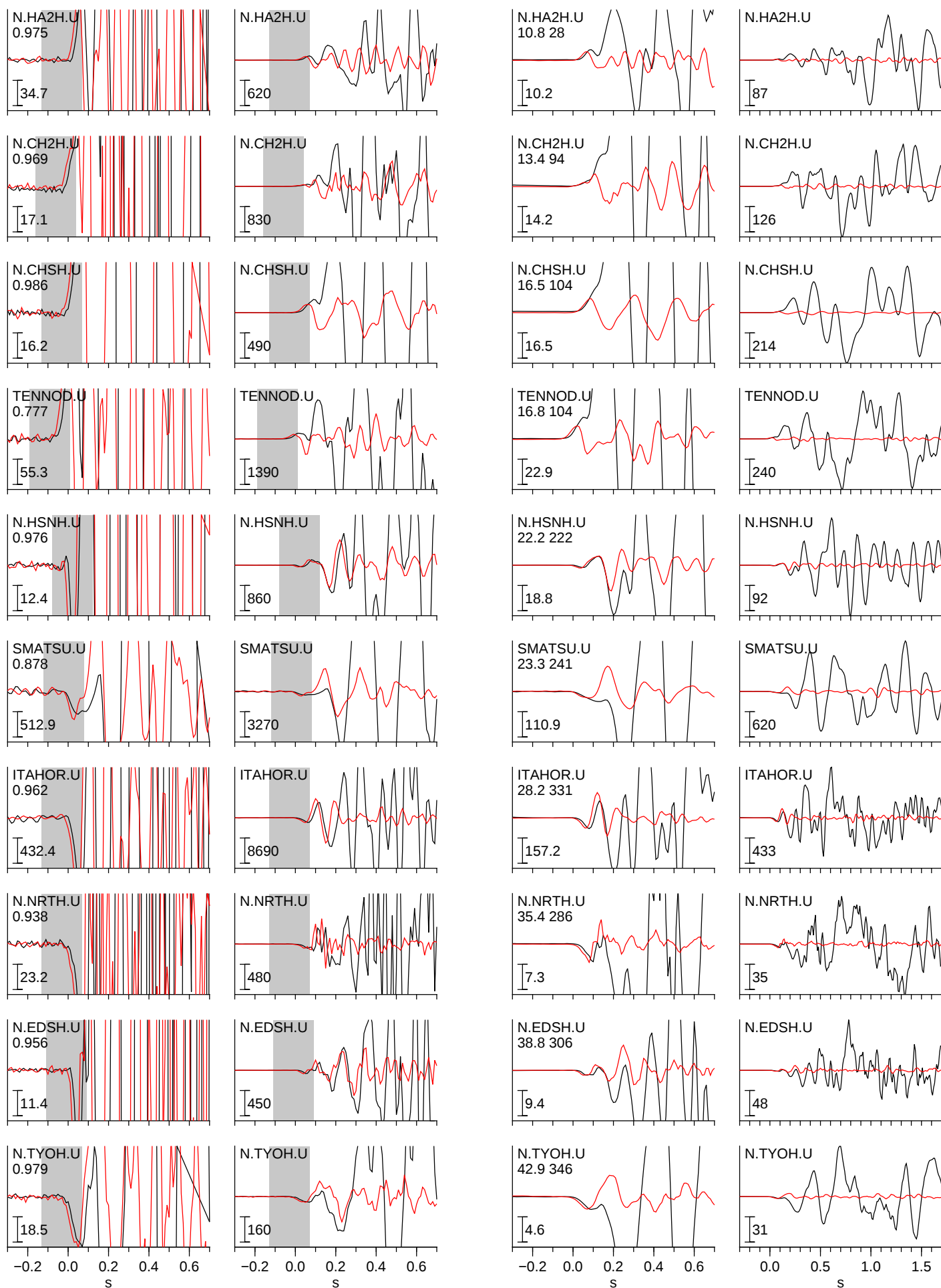
Pair #66 cc 0.940

20140308033423 35.743 140.675 51.0 4.5

20170813181900 35.748 140.677 50.5 2.5

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)



Pair #67 cc 0.945

20141031153332 40.154 142.401 35.1 4.8

20160225173156 40.156 142.394 36.1 3.9

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)



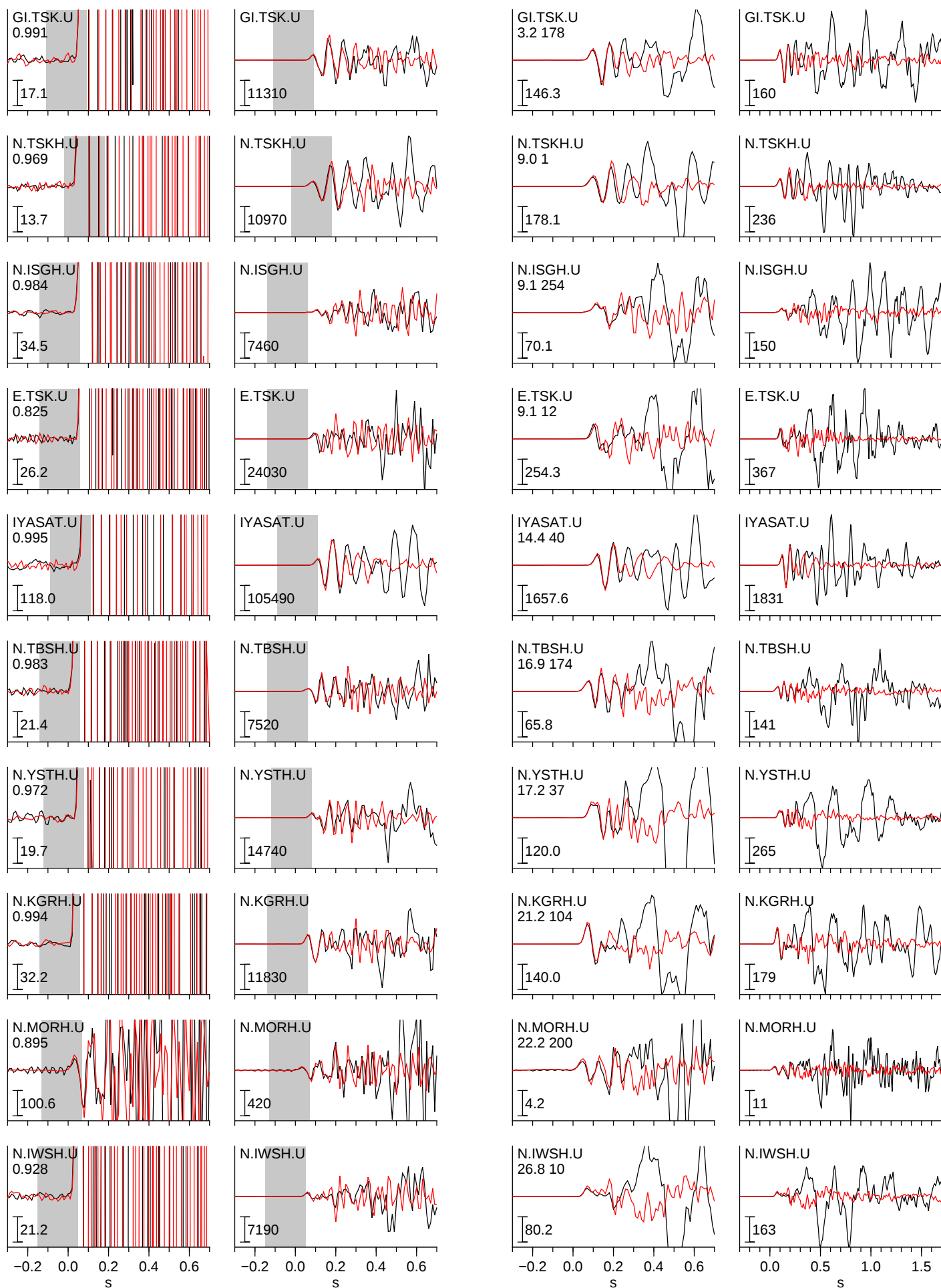
Pair #68 cc 0.954

20141112095328 36.133 140.086 65.8 4.8

20121011160614 36.127 140.079 64.0 3.9

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)



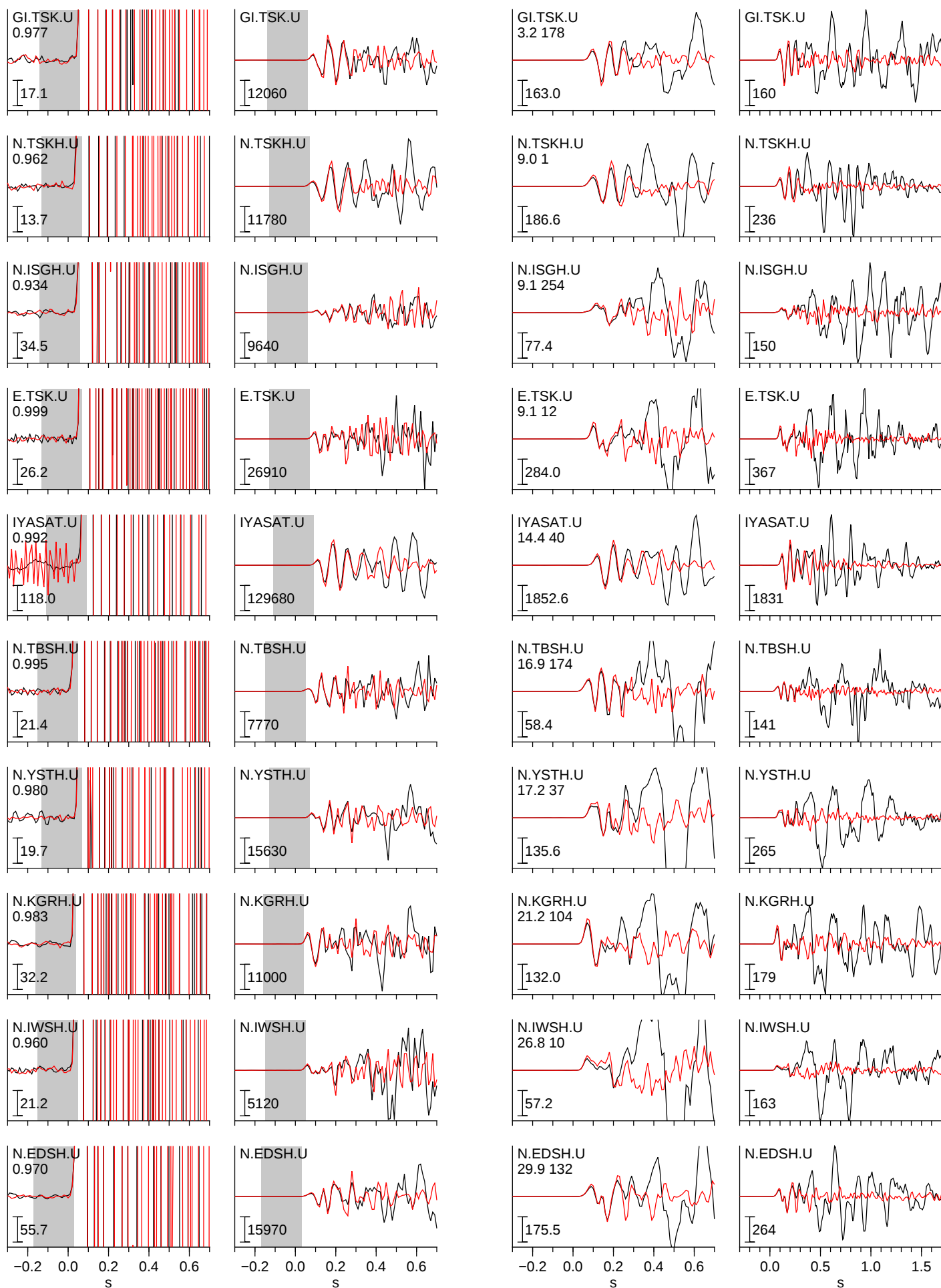
Pair #69 cc 0.975

20141112095328 36.133 140.086 65.8 4.8

20170112093630 36.124 140.079 64.0 3.9

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)



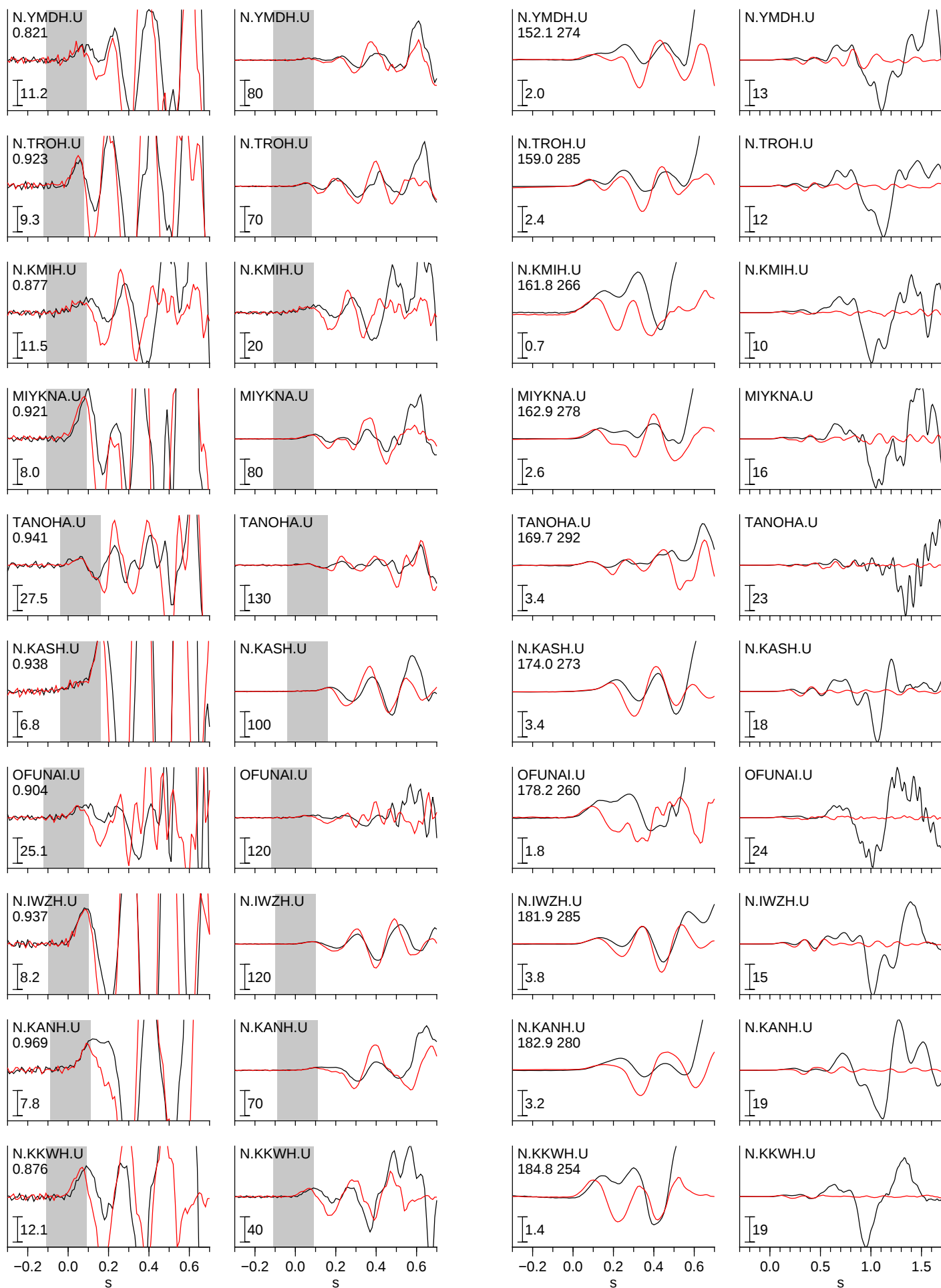
Pair #70 cc 0.911

20151106030252 39.372 143.695 35.0 5.0

20150206045144 39.389 143.698 45.0 3.6

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)



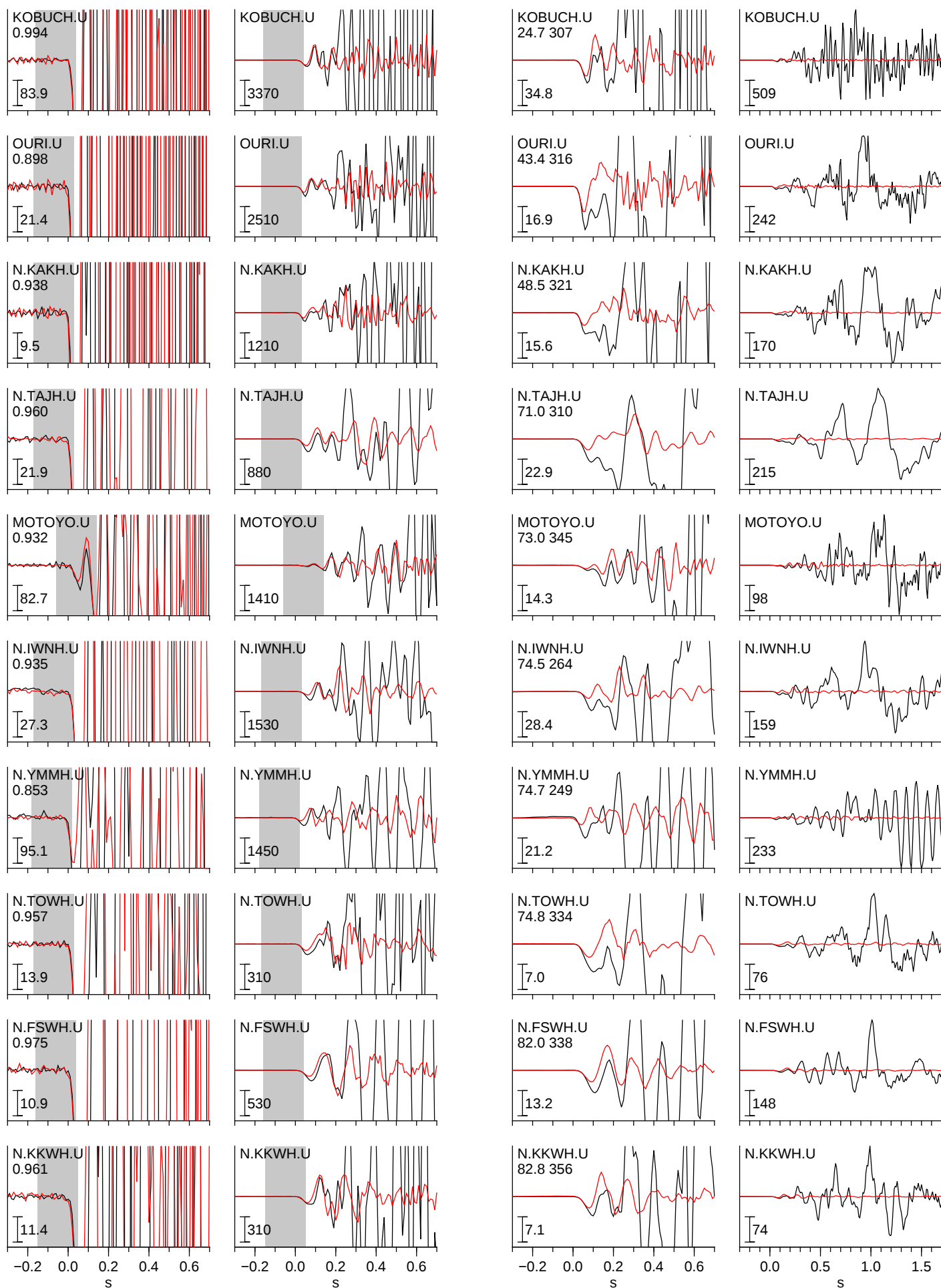
Pair #71 cc 0.940

20160427000124 38.176 141.690 51.7 5.0

20121230005208 38.189 141.678 50.2 3.2

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)



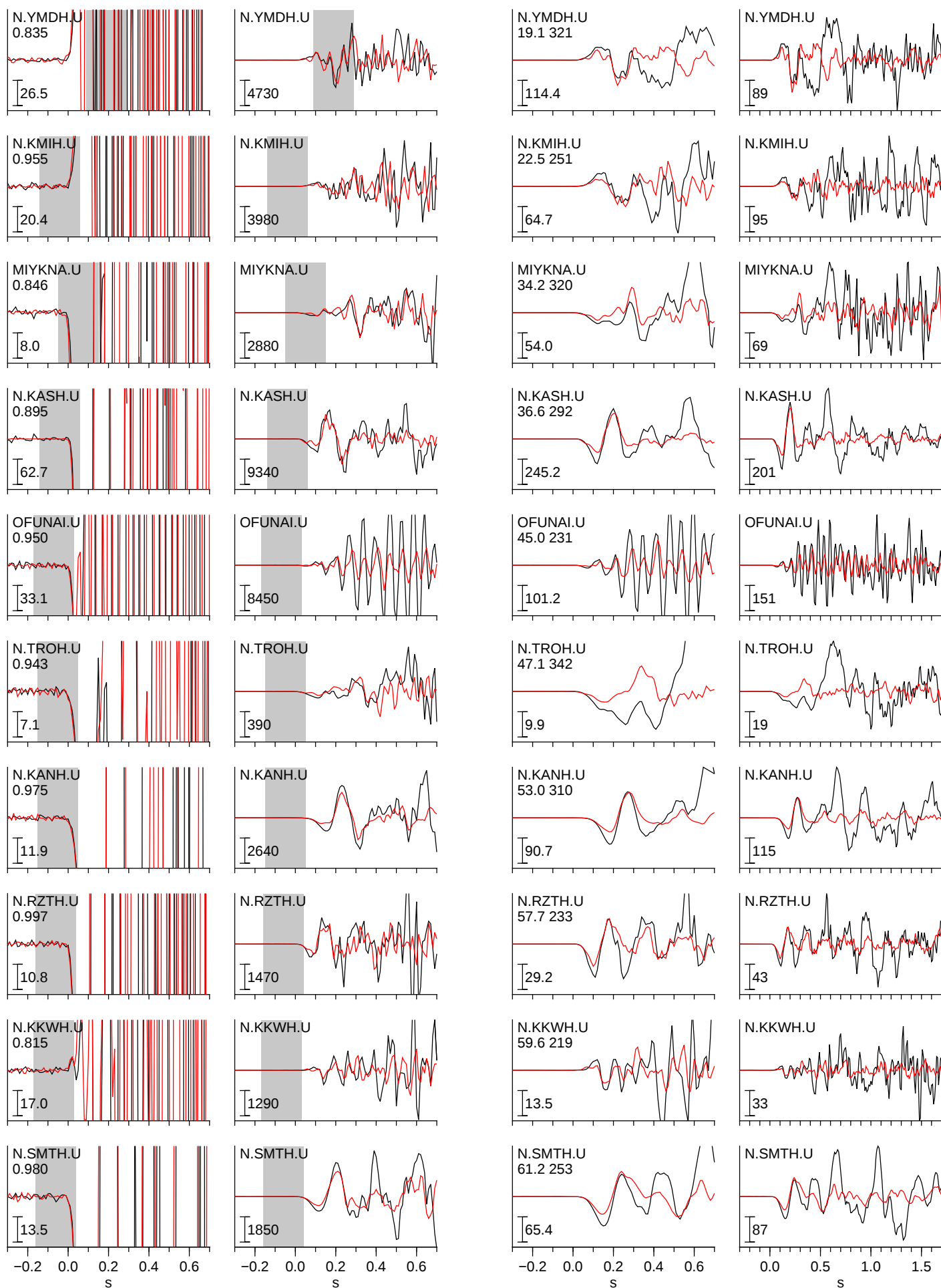
Pair #72 cc 0.919

20160720085022 39.338 142.071 48.5 4.8

20180429120937 39.341 142.063 47.5 4.0

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)



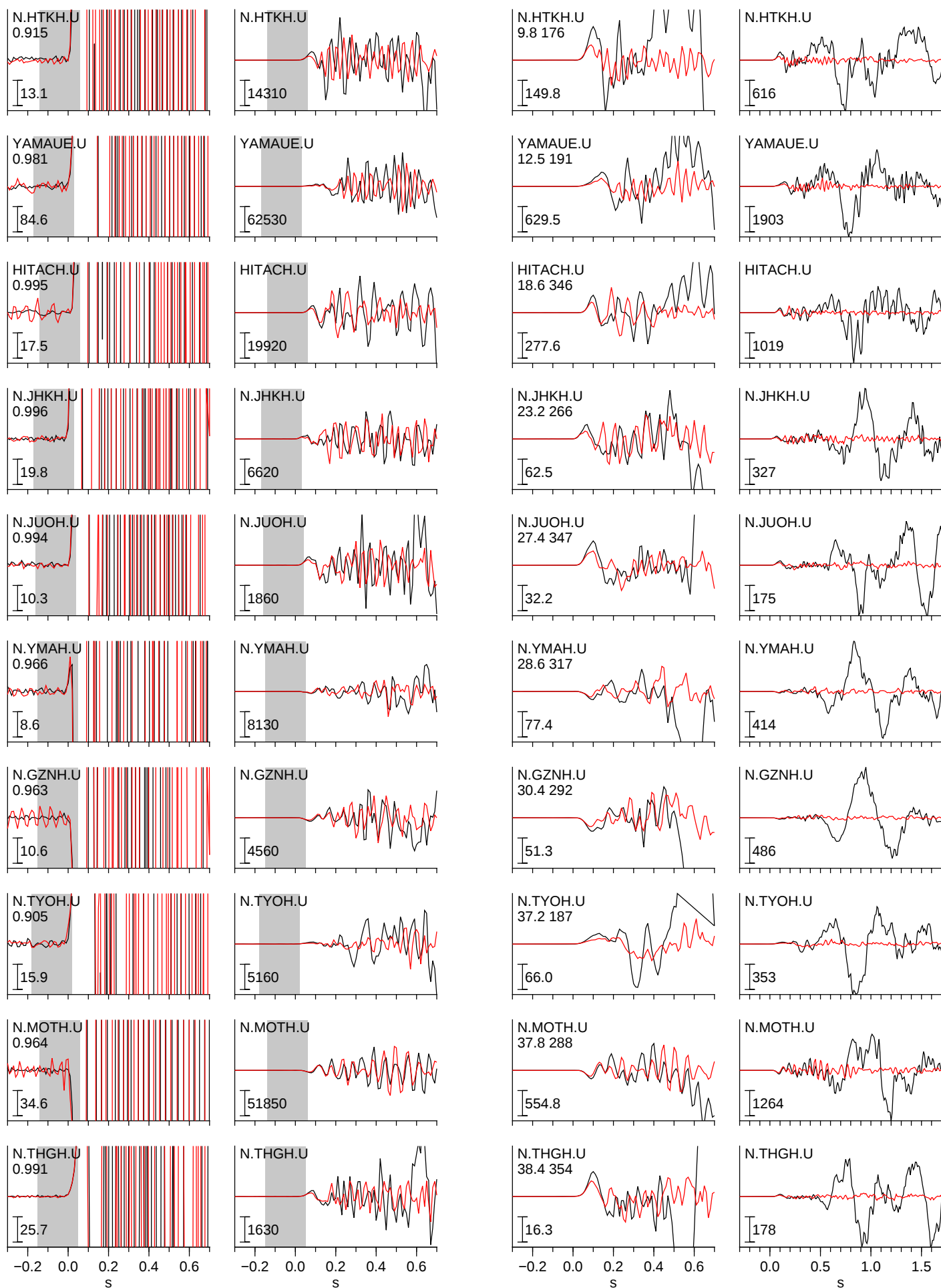
Pair #73 cc 0.967

20160727234717 36.451 140.614 56.6 5.4

20121228163000 36.453 140.604 55.5 4.0

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)



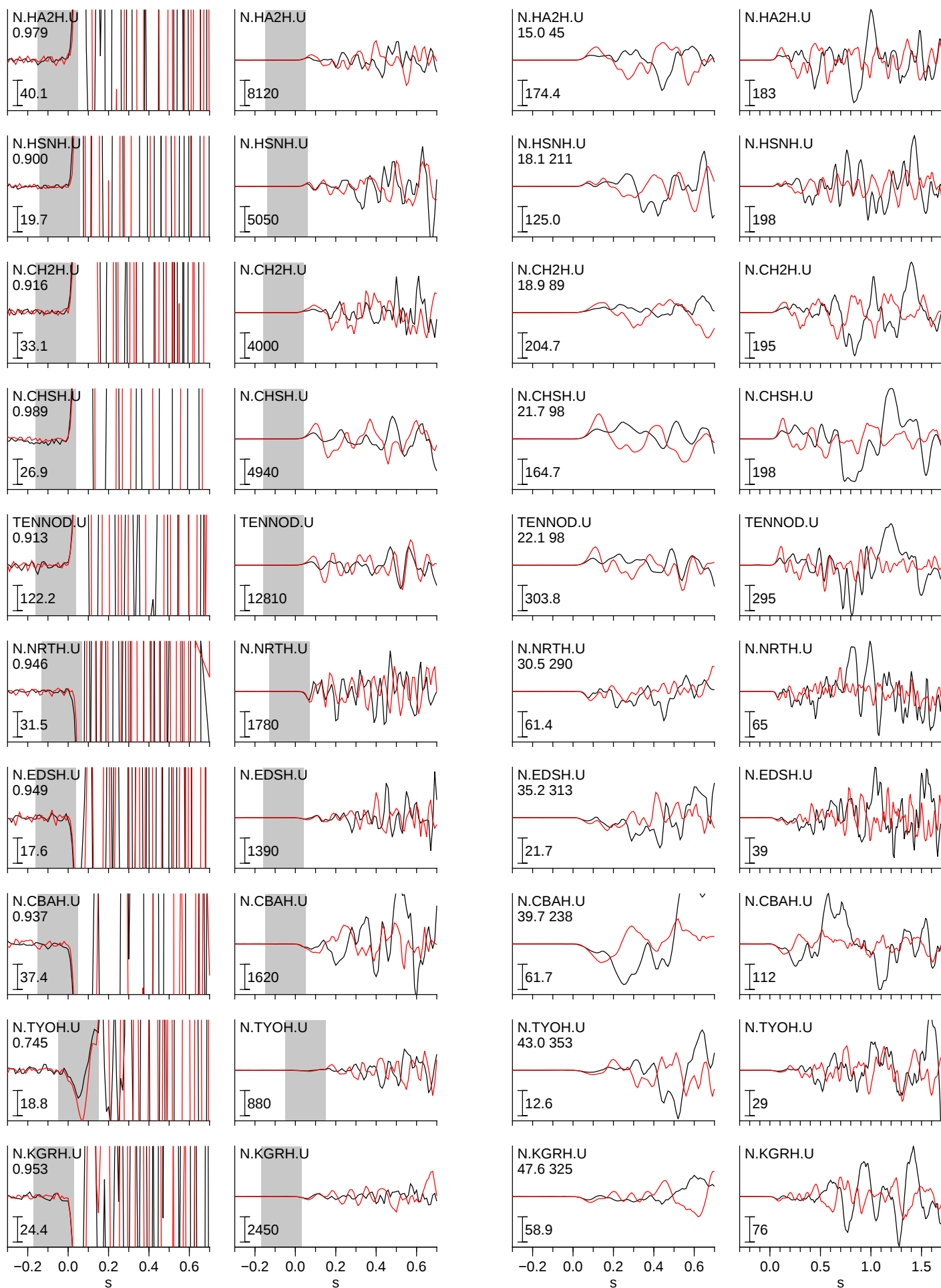
Pair #74 cc 0.923

20170113122530 35.734 140.614 49.8 4.9

20110407195213 35.741 140.609 47.8 3.9

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)



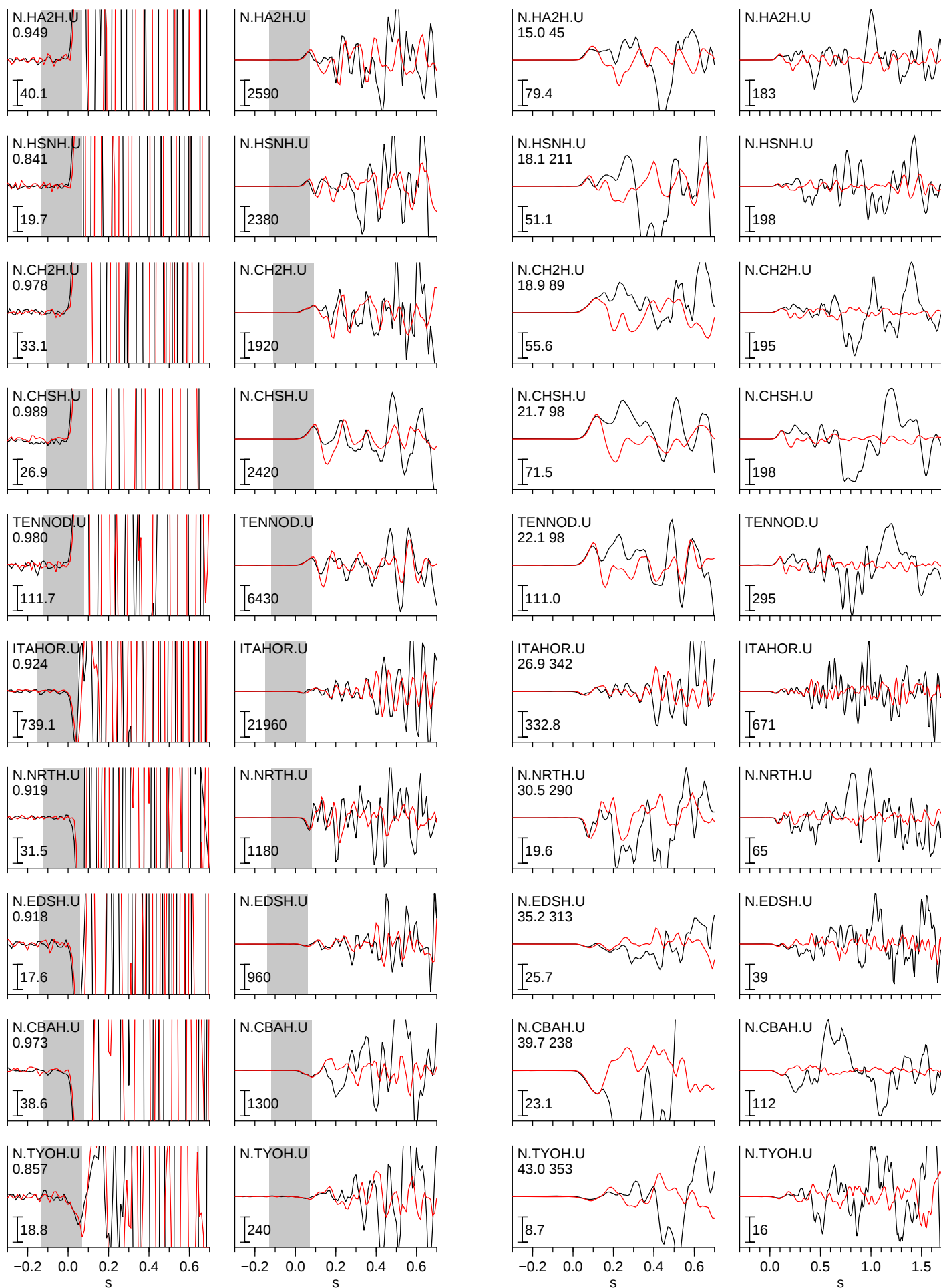
Pair #75 cc 0.933

20170113122530 35.734 140.614 49.8 4.9

20120729142553 35.728 140.601 46.8 3.4

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)



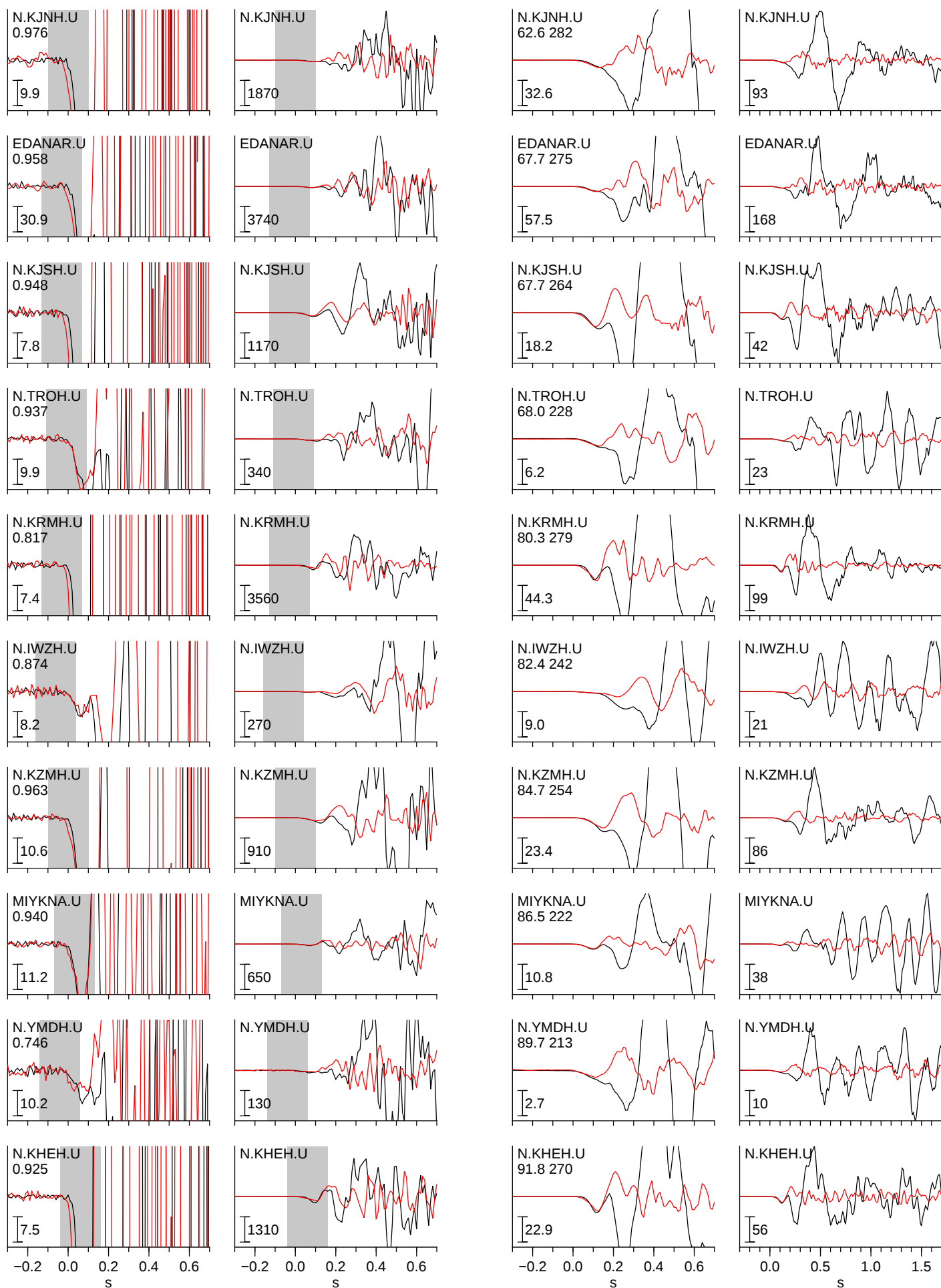
Pair #76 cc 0.908

20170610043414 40.152 142.502 32.2 4.5

20160607131942 40.152 142.493 31.8 3.9

acceleration ($\mu\text{m/s/s}$)

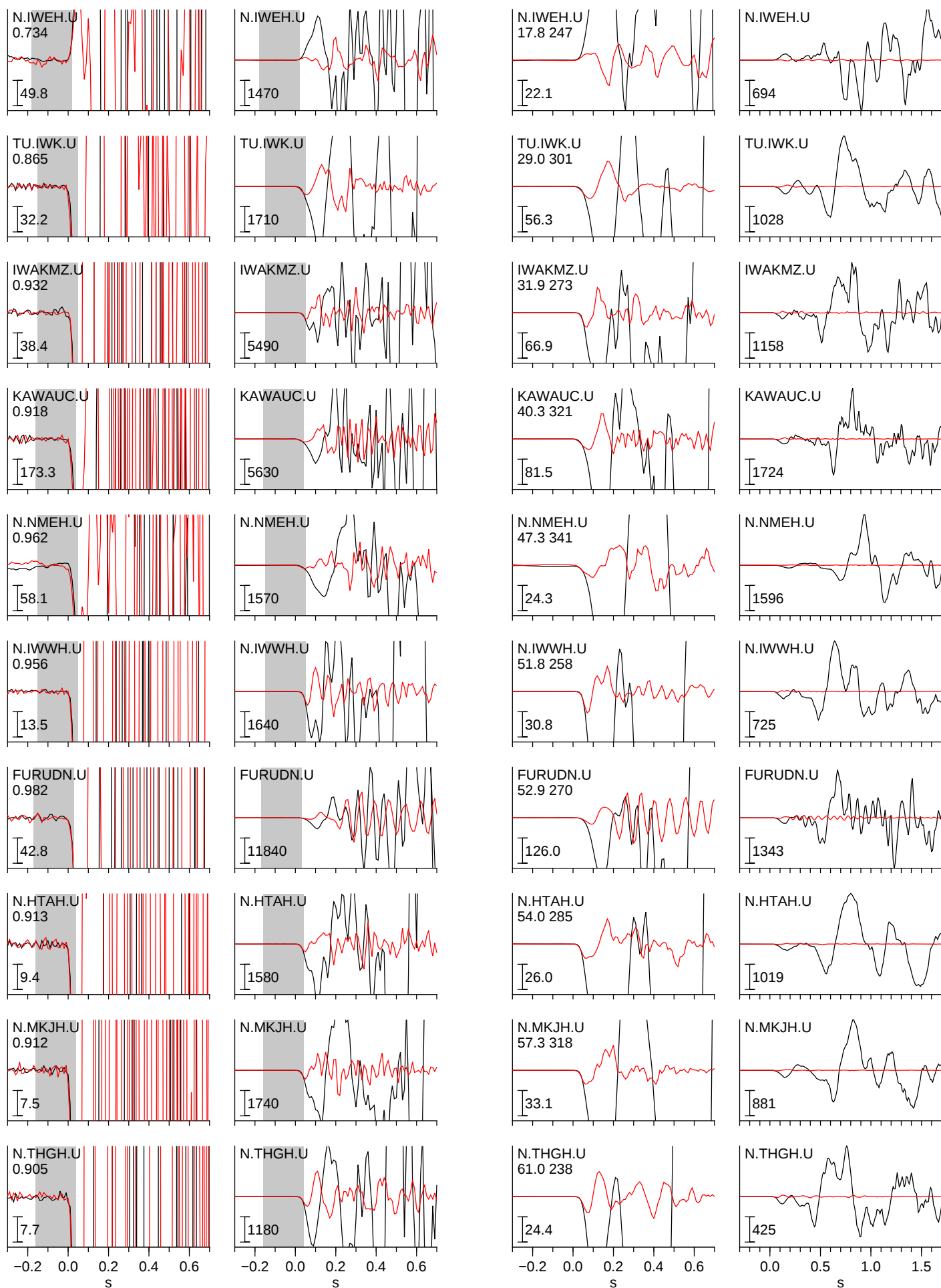
velocity ($\mu\text{m/s}$)



Pair #77 cc 0.908
 20171006235640 37.087 141.156 52.8 5.9
 20160518190958 37.094 141.137 51.0 3.7

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)



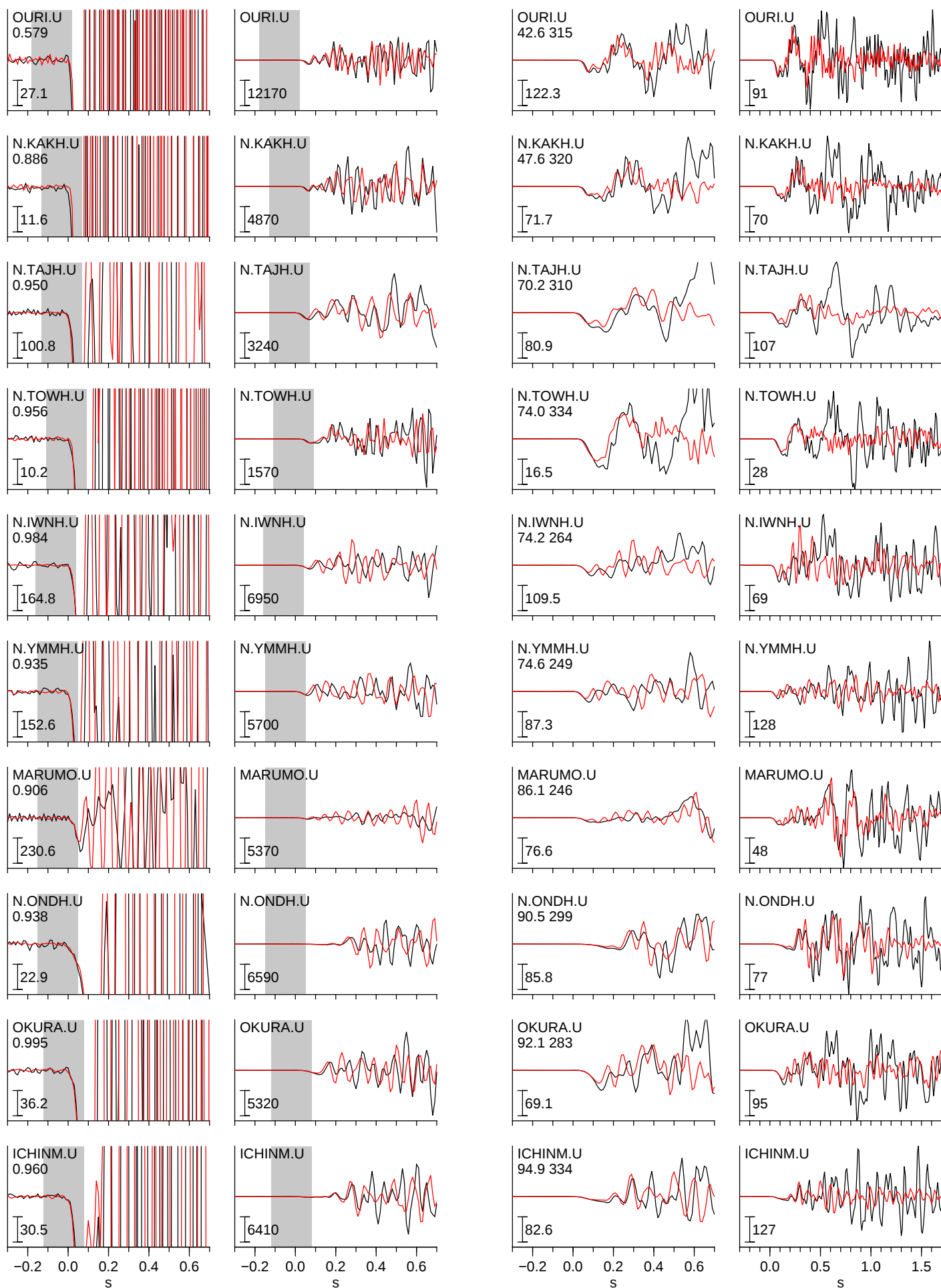
Pair #78 cc 0.909

20171219065434 38.183 141.686 51.0 4.6

20120806221333 38.178 141.688 51.3 4.0

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)



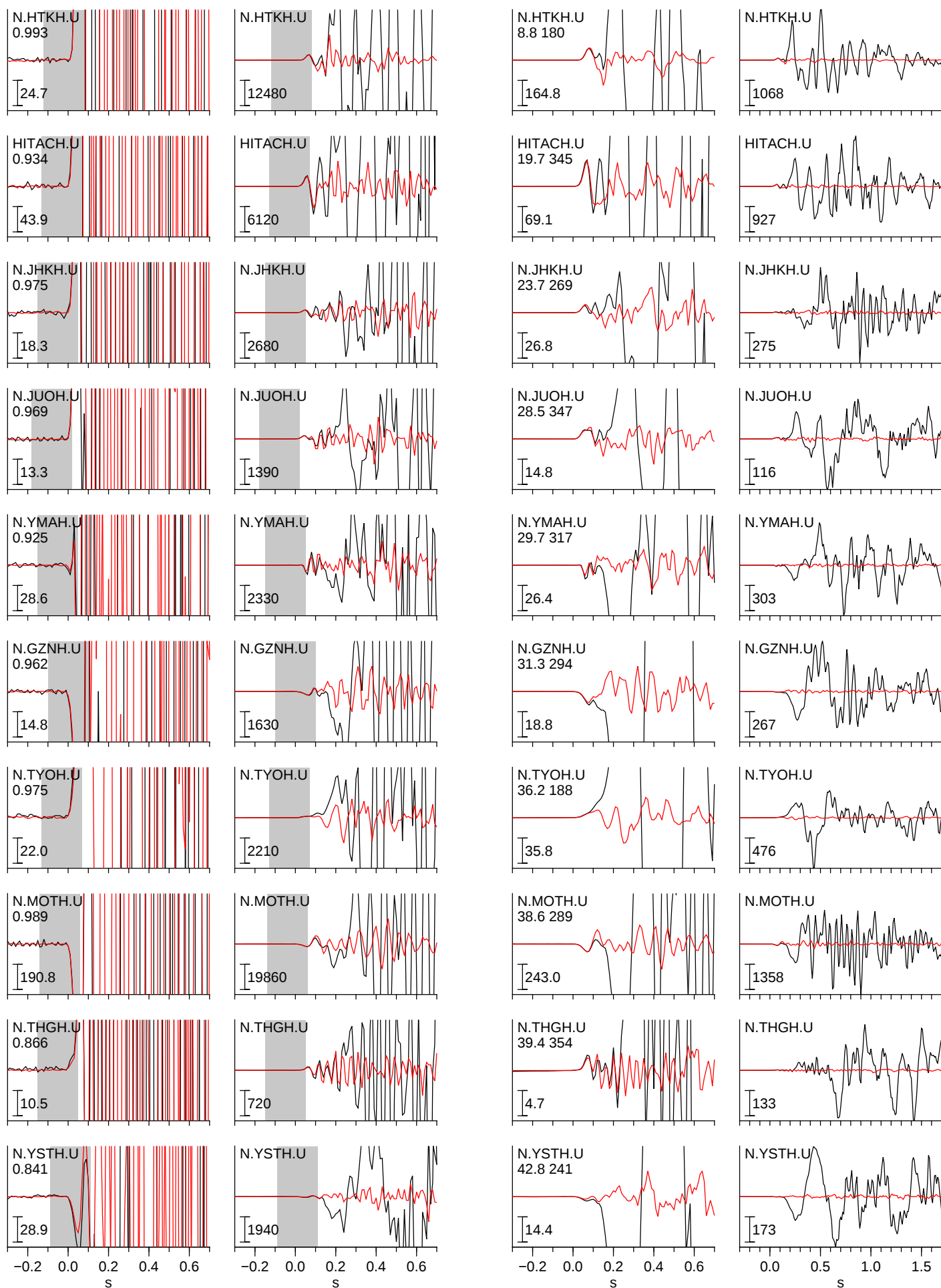
Pair #79 cc 0.943

20180330081733 36.442 140.620 55.7 5.1

20060615015812 36.442 140.612 55.4 3.8

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)



Pair #80 cc 0.903

20180330081733 36.442 140.620 55.7 5.1

20160817041341 36.443 140.613 54.9 3.7

acceleration ($\mu\text{m/s/s}$)

velocity ($\mu\text{m/s}$)

