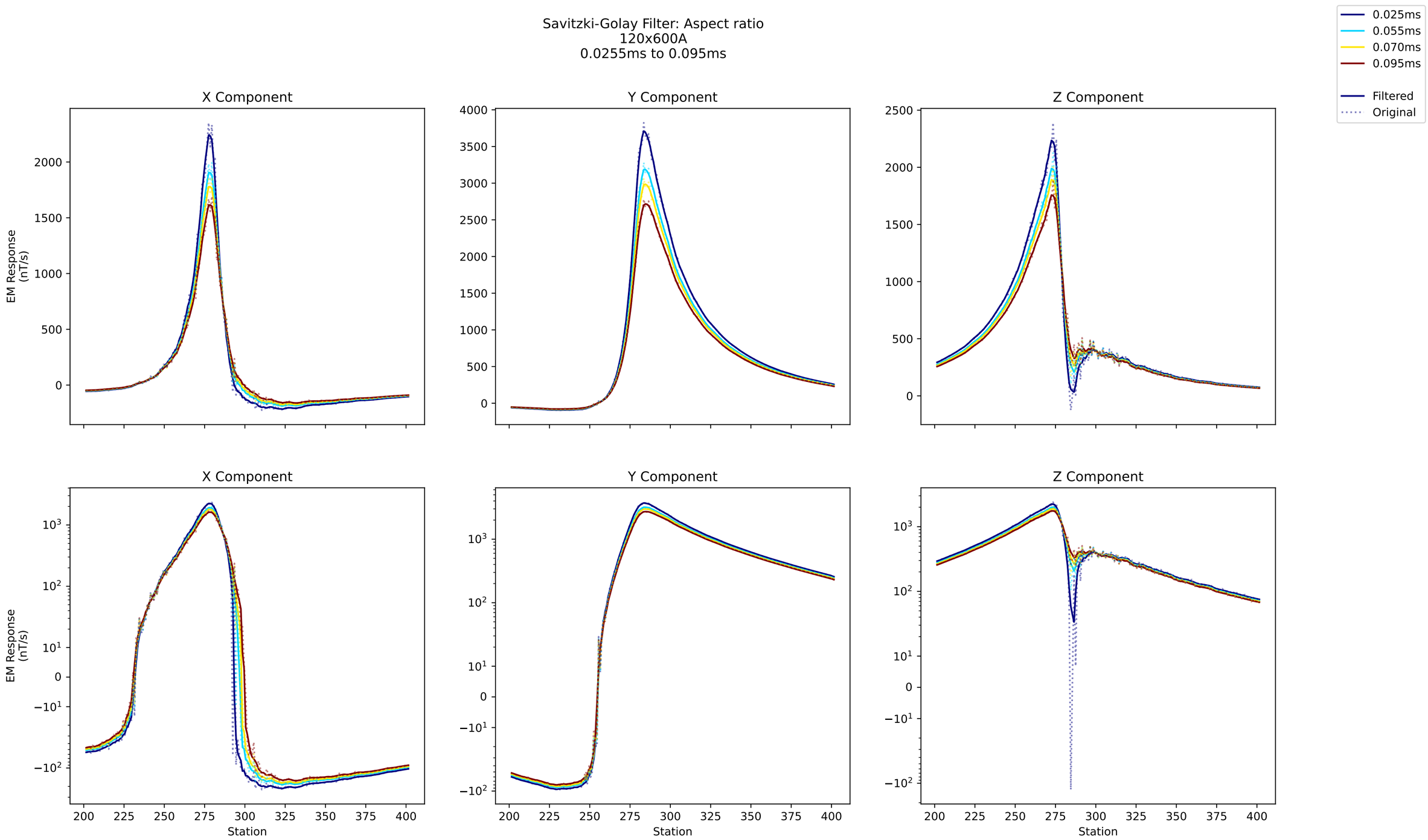
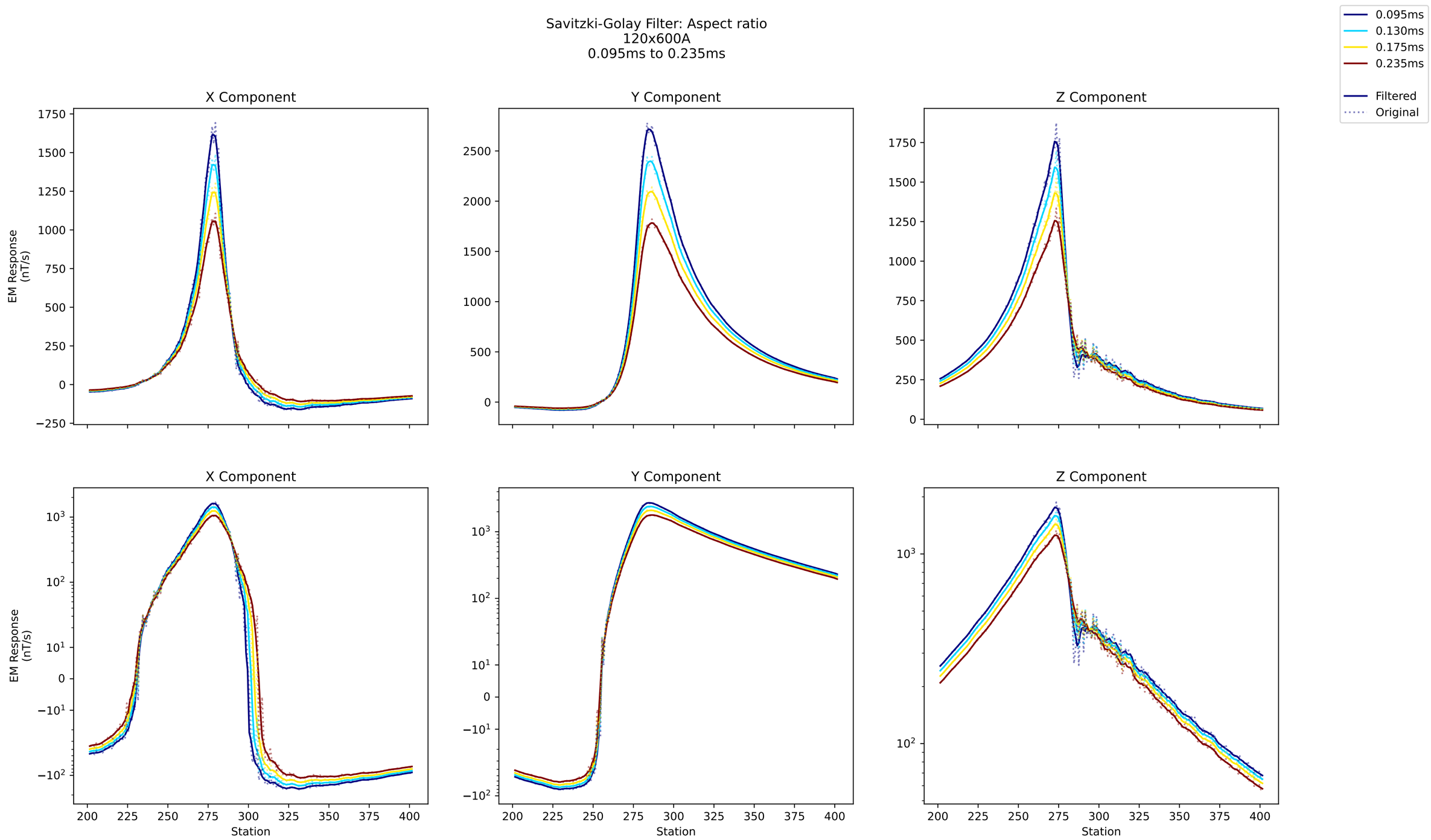
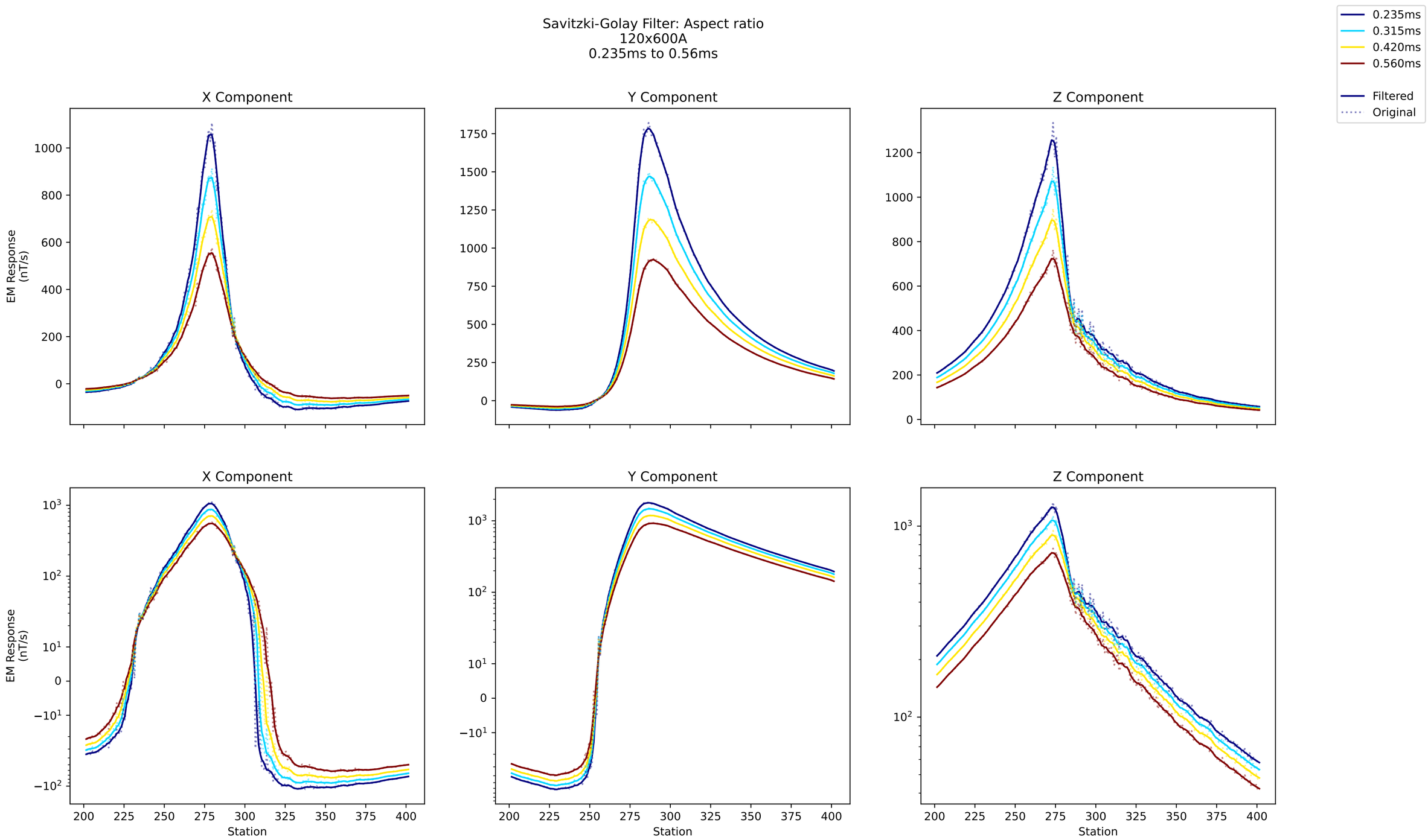
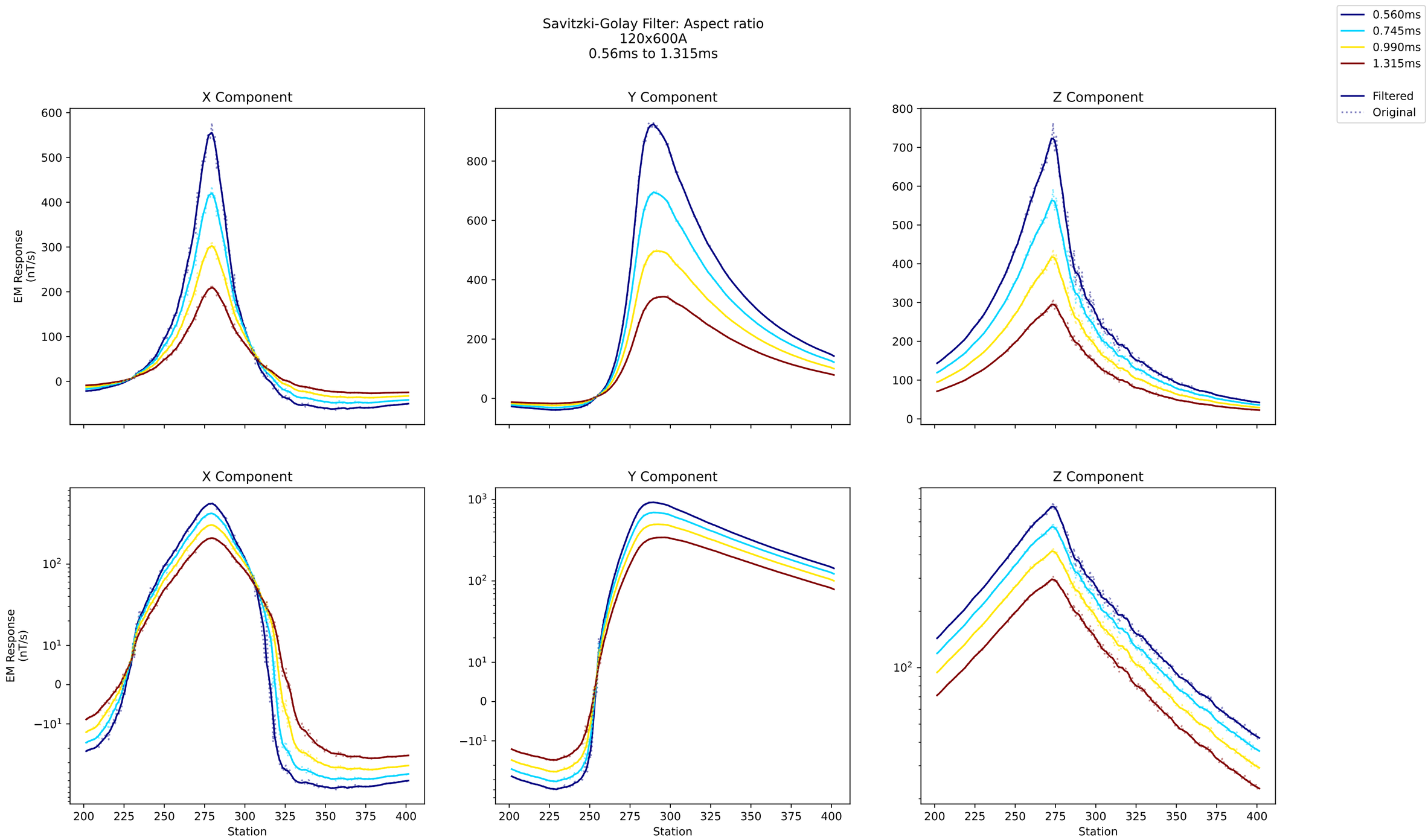
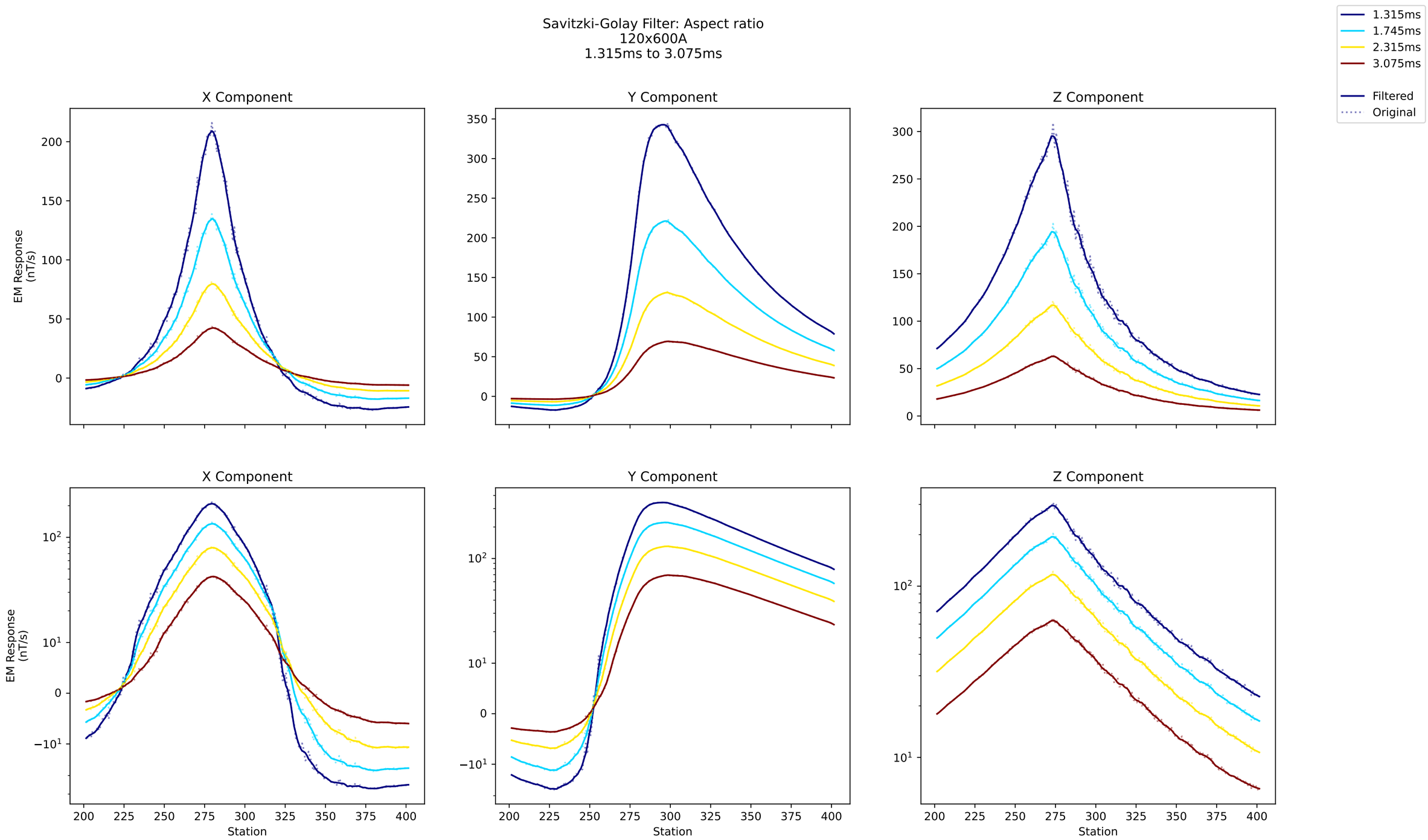
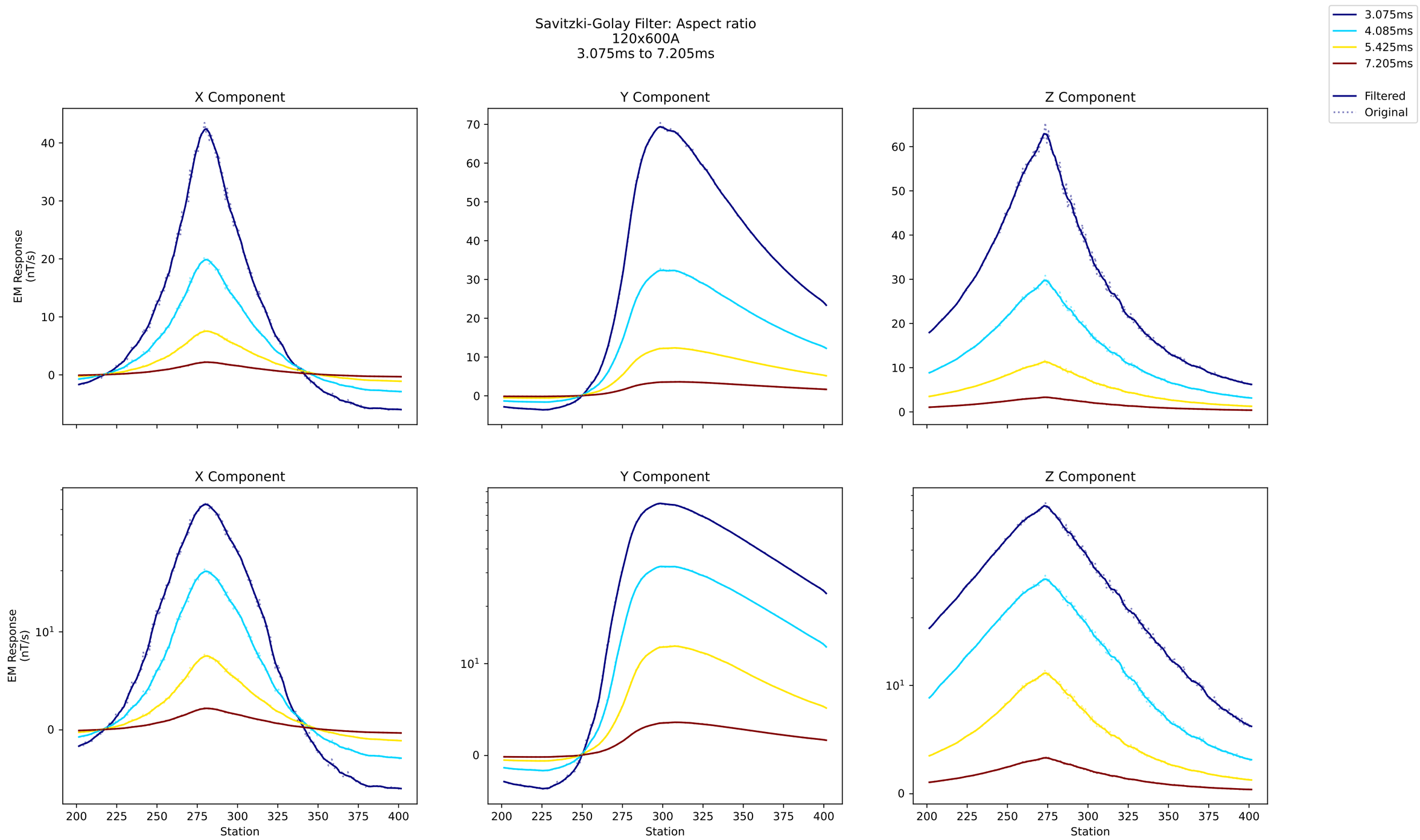

Savitzki-Golay Filter: Aspect ratio
120x600A
0.0255ms to 0.095ms
0.025ms
0.055ms
0.070ms
0.095ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

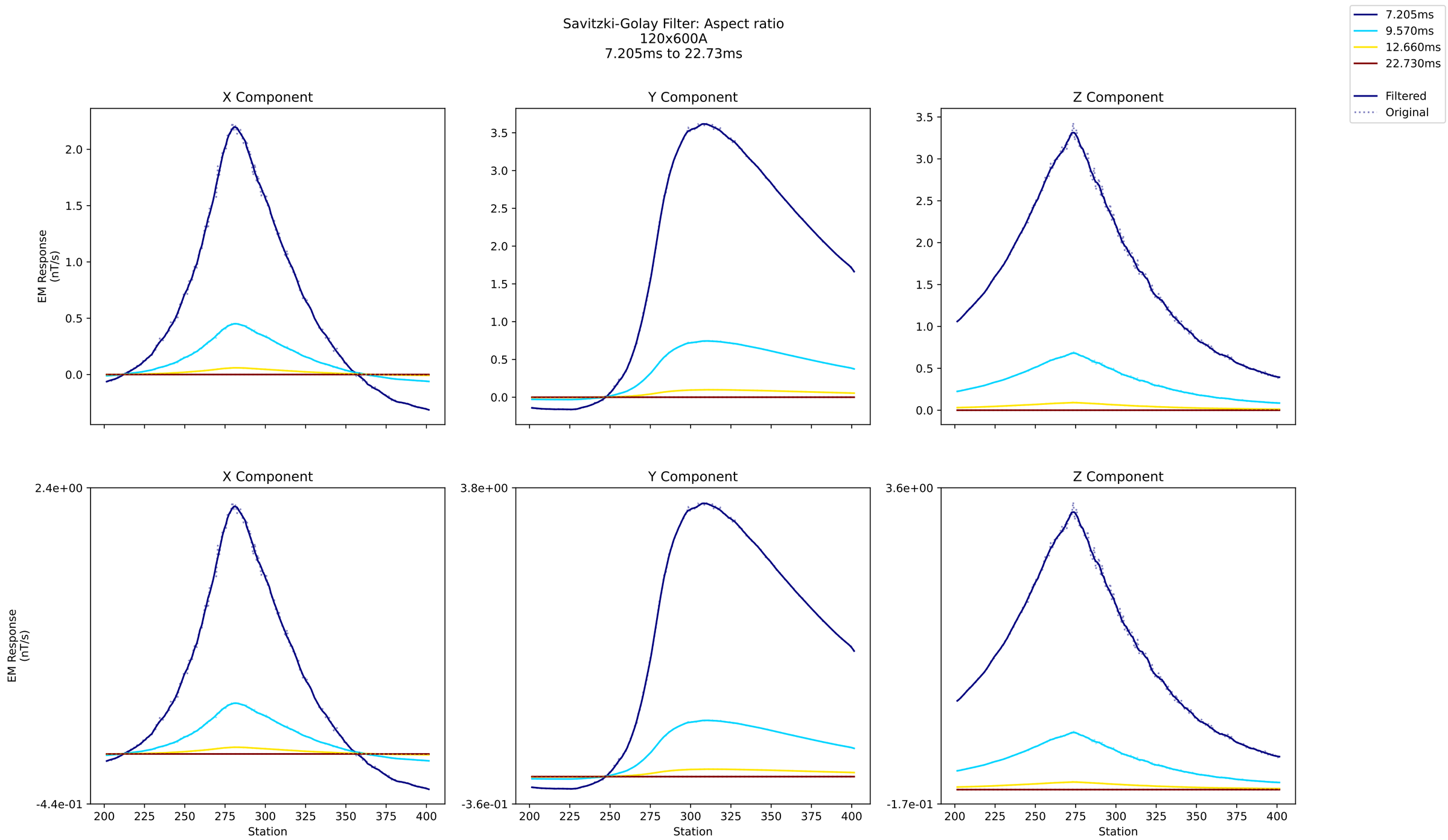

Savitzki-Golay Filter: Aspect ratio
120x600A
0.095ms to 0.235ms
0.095ms
0.130ms
0.175ms
0.235ms
Filtered
Original
X Component
Y Component
Z Component
EM Response (nT/s)
Station

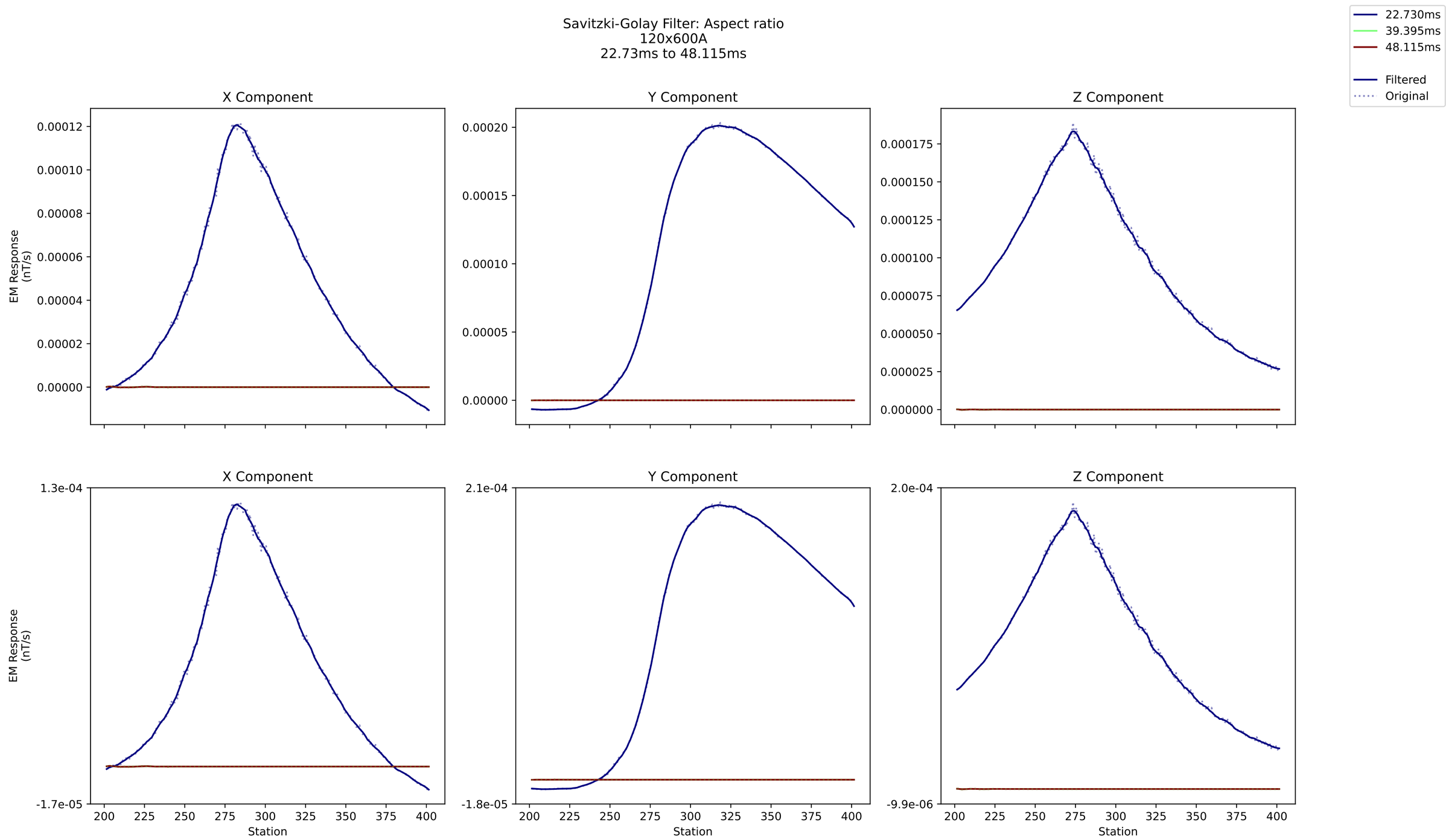

Savitzki-Golay Filter: Aspect ratio
120x600A
0.235ms to 0.56ms
0.235ms
0.315ms
0.420ms
0.560ms
Filtered
Original
X Component
Y Component
Z Component
EM Response (nT/s)
Station

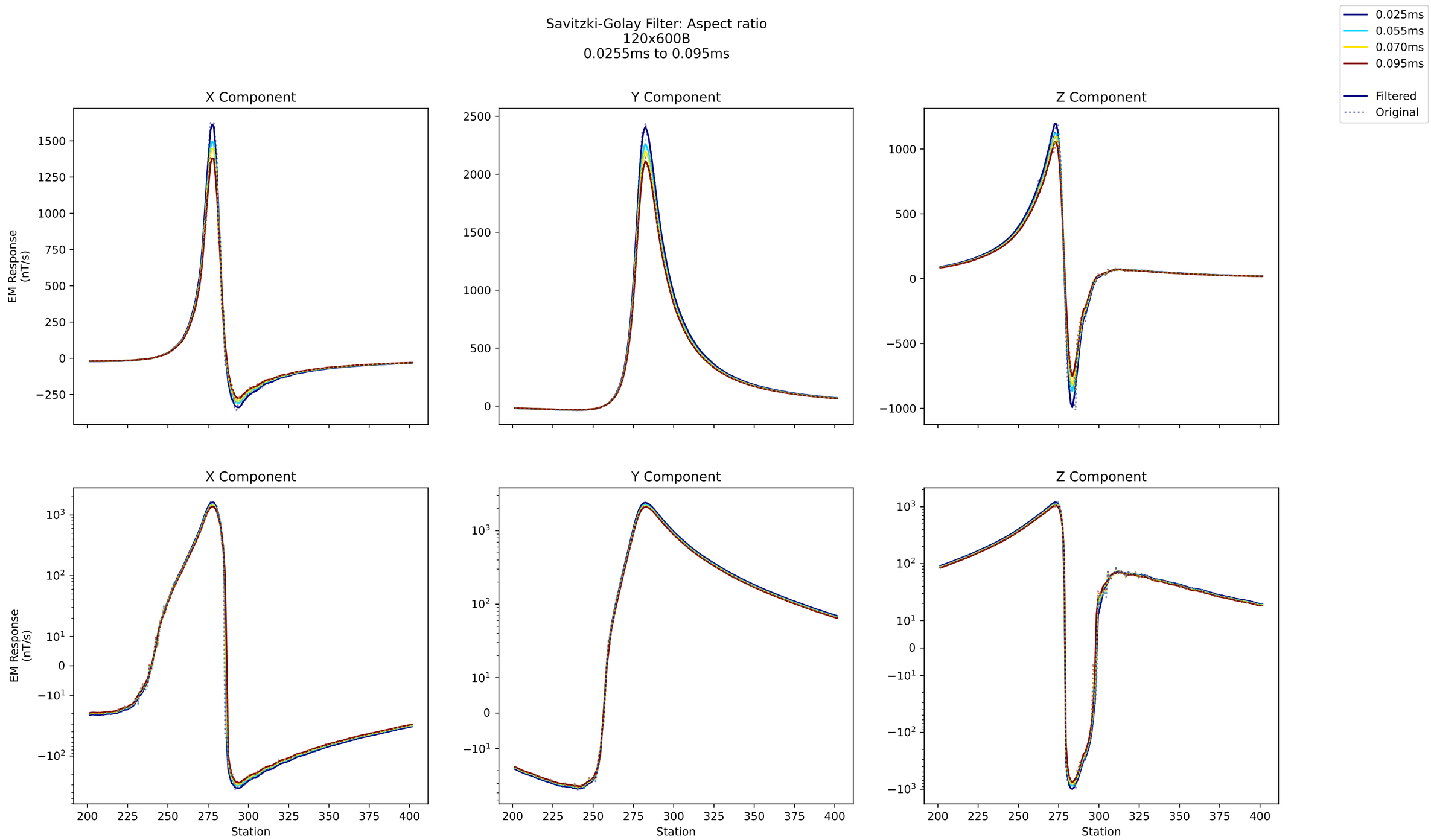

Savitzki-Golay Filter: Aspect ratio
120x600A
0.56ms to 1.315ms
0.560ms
0.745ms
0.990ms
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
120x600A
1.315ms to 3.075ms
1.315ms
1.745ms
2.315ms
3.075ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
120x600A
3.075ms to 7.205ms
3.075ms
4.085ms
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
120x600A
7.205ms to 22.73ms
7.205ms
9.570ms
12.660ms
22.730ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
2.4e+00
-4.4e-01
3.8e+00
-3.6e-01
3.6e+00
-1.7e-01
200
225
250
275
300
325
350
375
400
Station


Savitzki-Golay Filter: Aspect ratio
120x600A
22.73ms to 48.115ms
22.730ms
39.395ms
48.115ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
120x600B
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0.025ms
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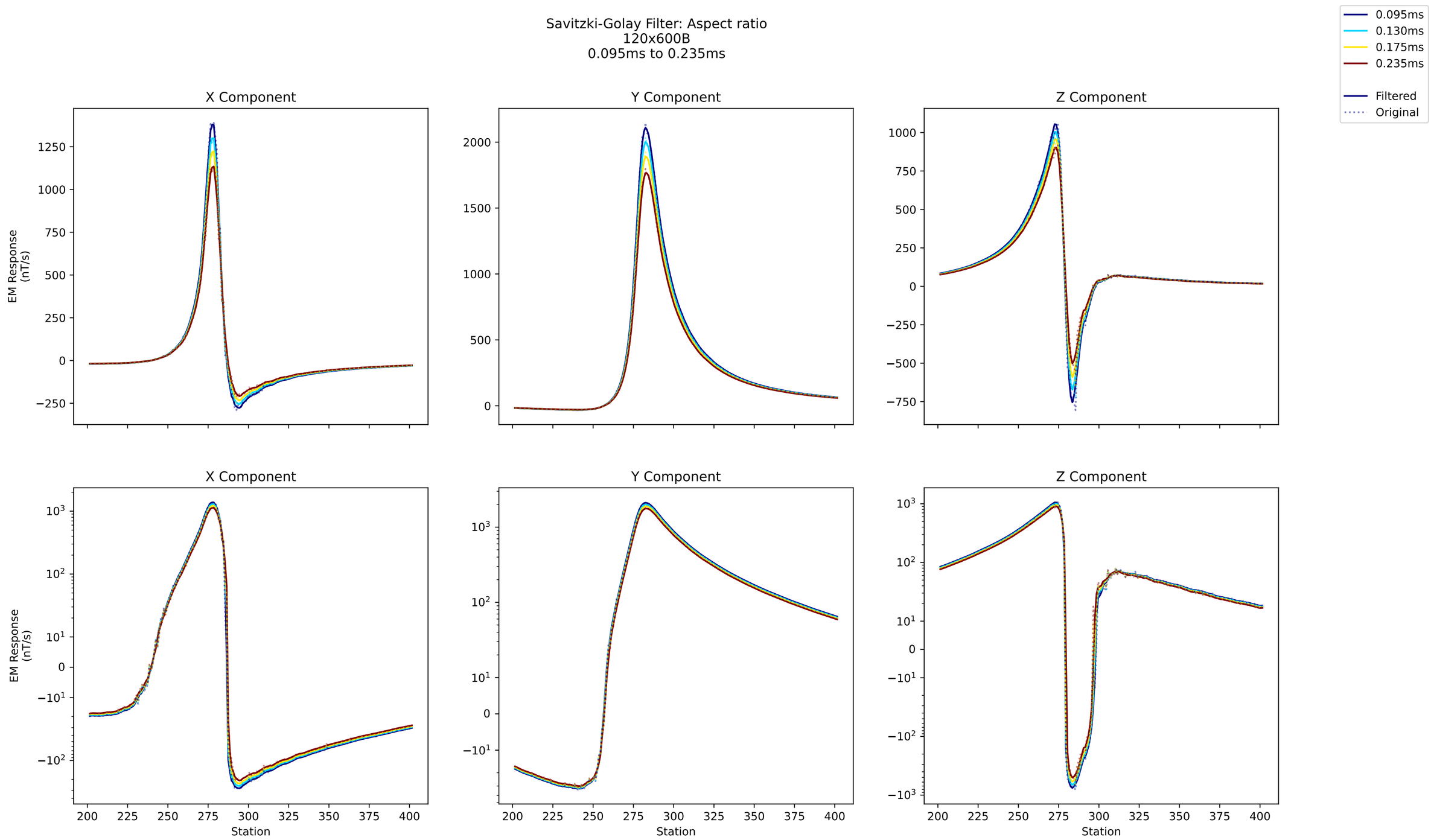
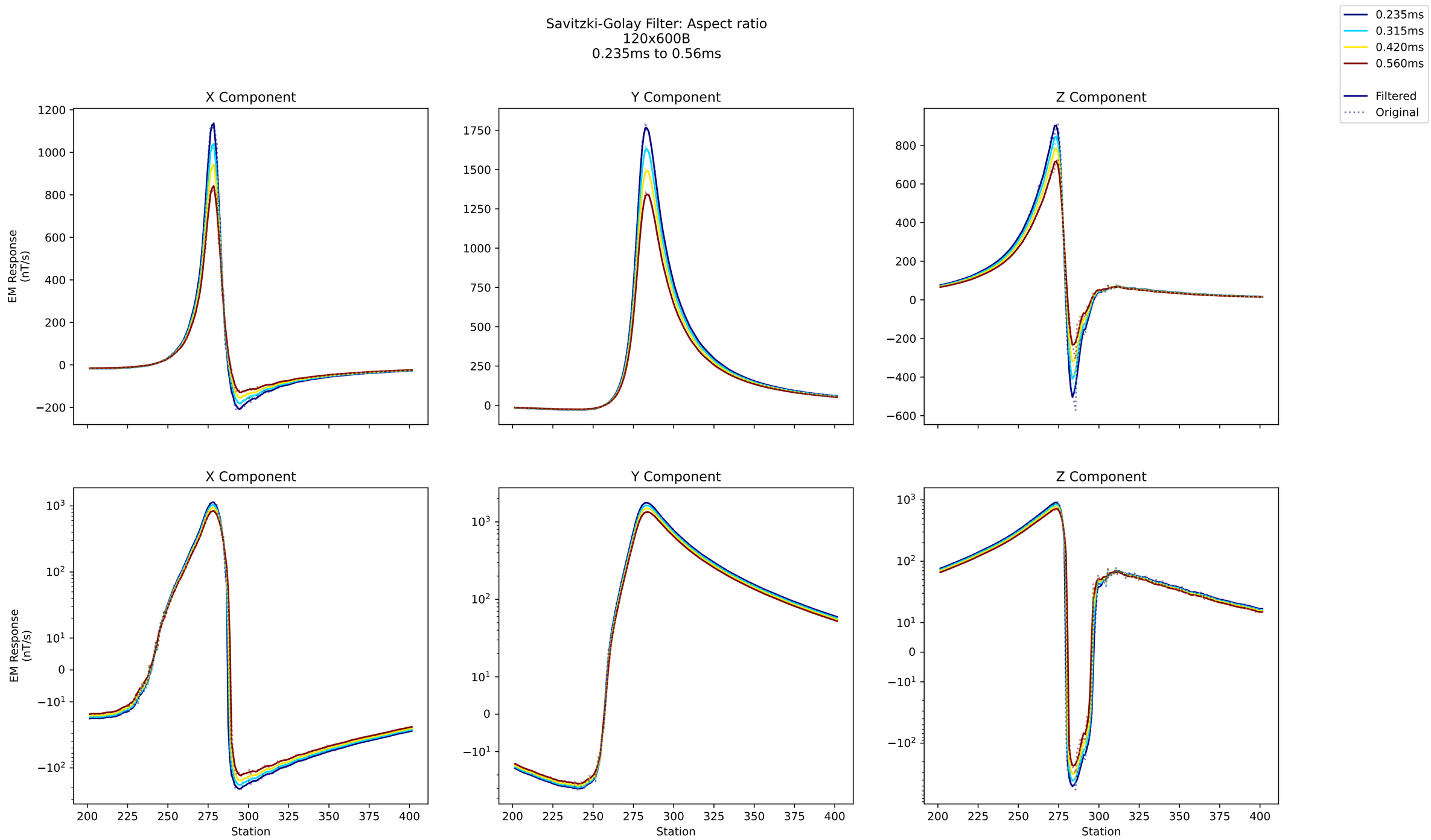
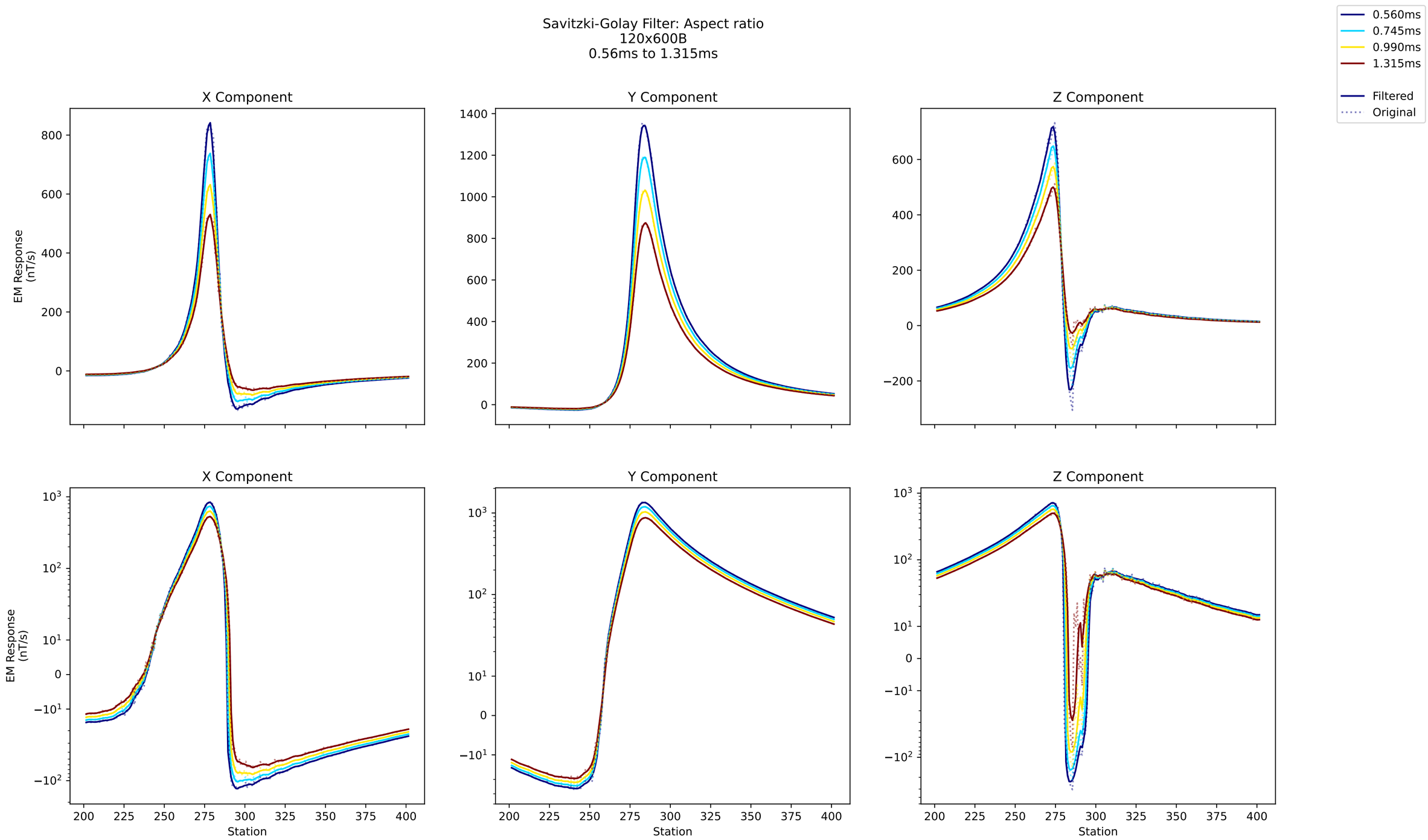
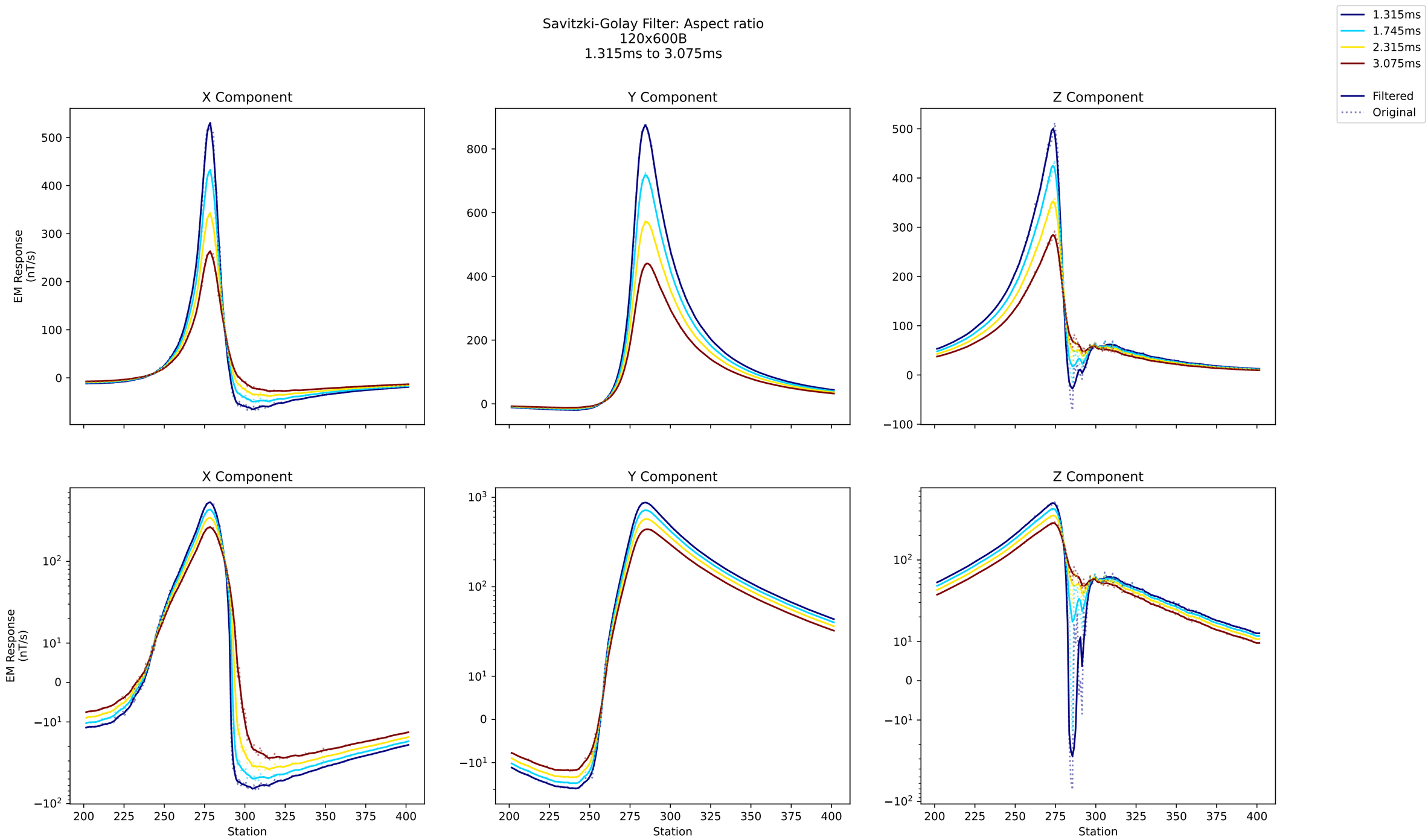
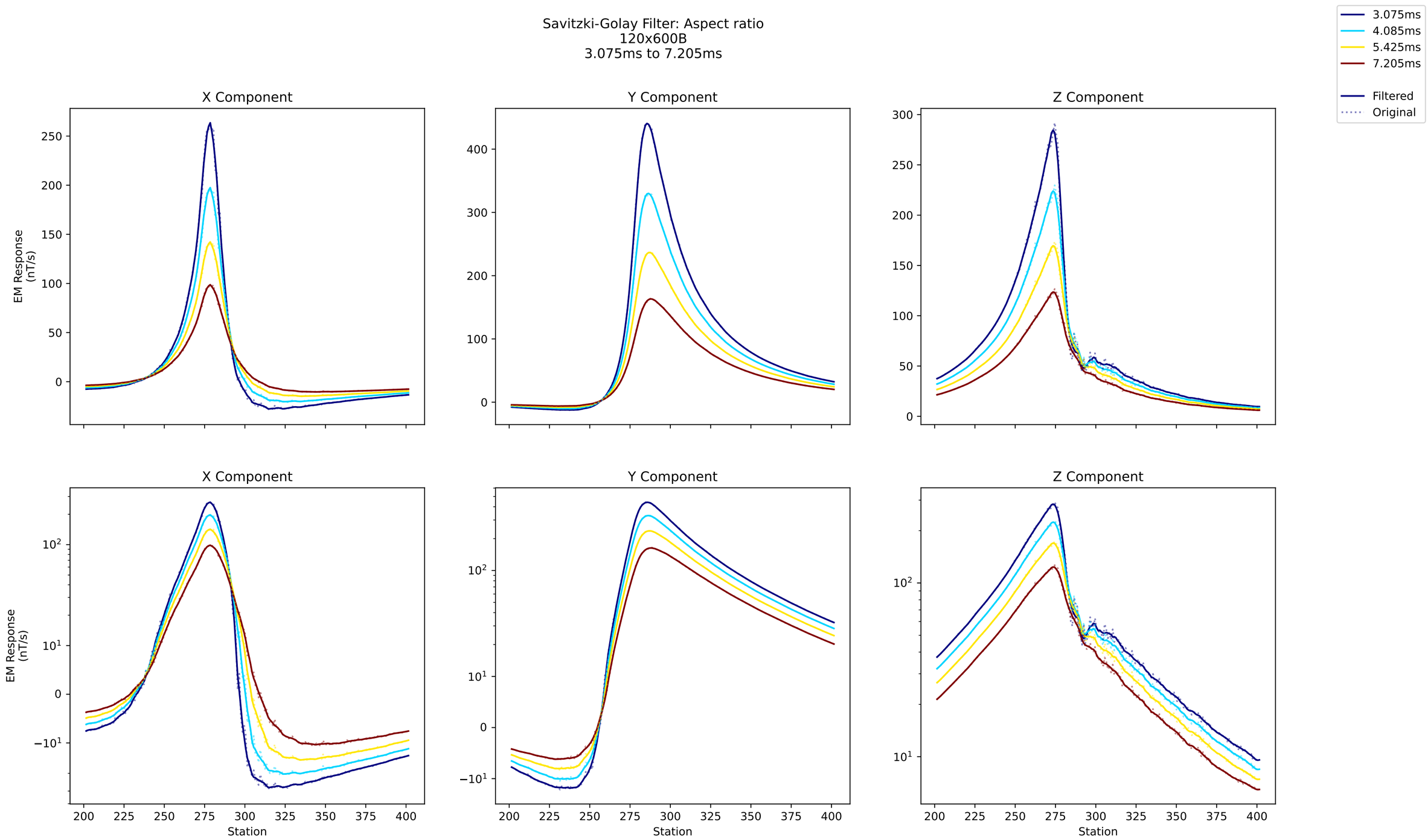
0.070ms
0.095ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

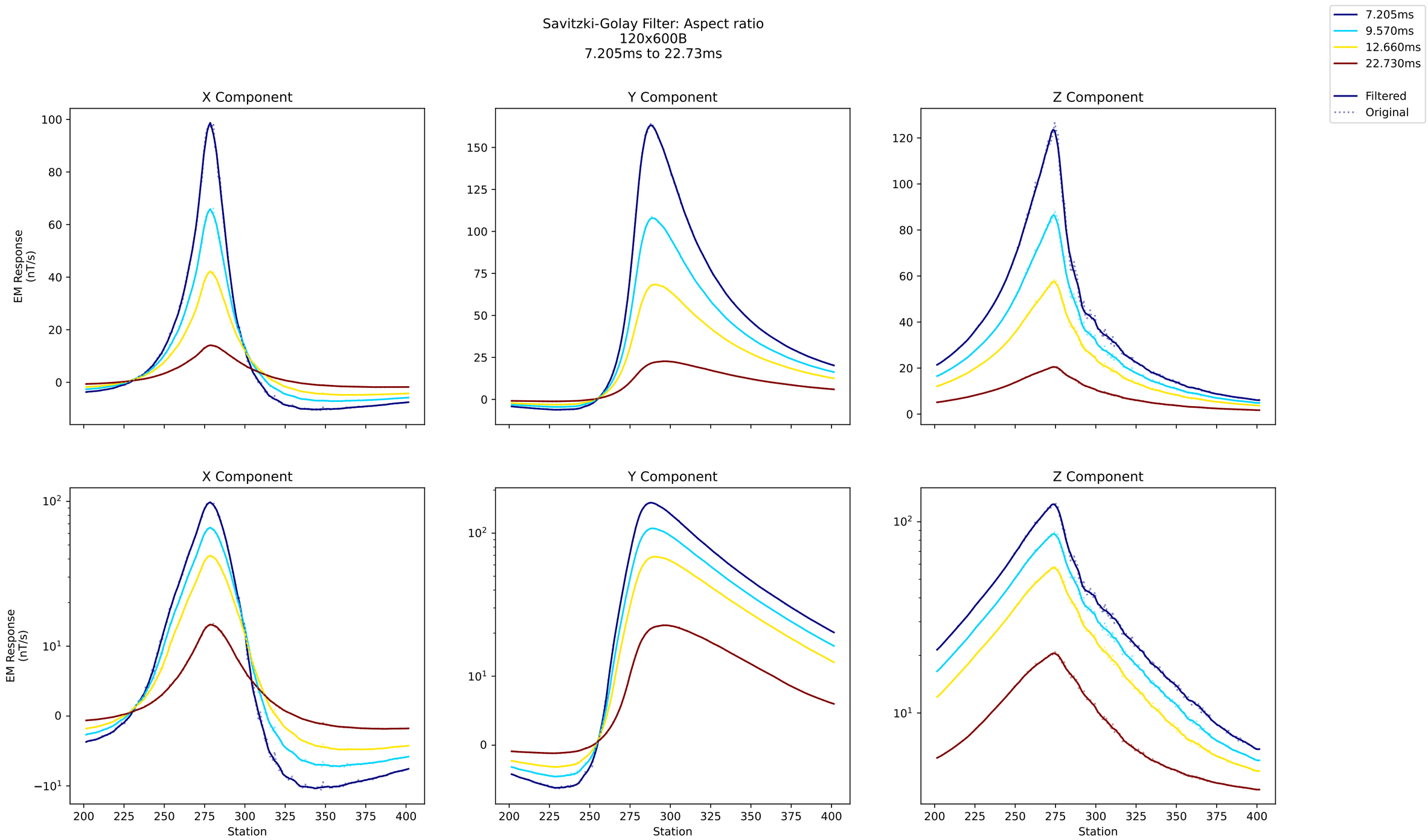

Savitzki-Golay Filter: Aspect ratio
120x600B
0.095ms to 0.235ms
0.095ms
0.130ms
0.175ms
0.235ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

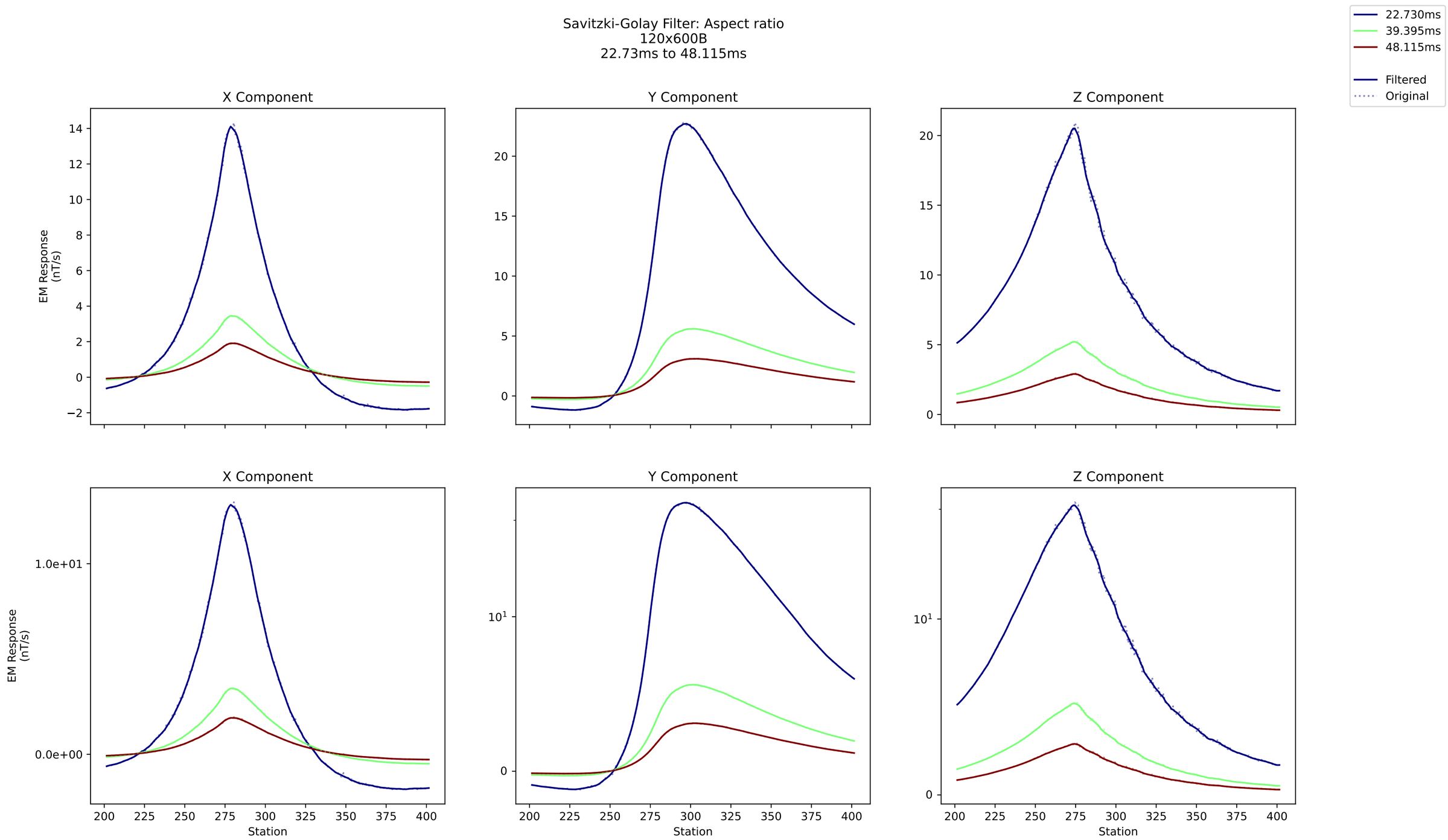

Savitzki-Golay Filter: Aspect ratio
120x600B
0.235ms to 0.56ms
0.235ms
0.315ms
0.420ms
0.560ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
120x600B
0.56ms to 1.315ms
0.560ms
0.745ms
0.990ms
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
120x600B
1.315ms to 3.075ms
1.315ms
1.745ms
2.315ms
3.075ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
120x600B
3.075ms to 7.205ms
3.075ms
4.085ms
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
120x600B
7.205ms to 22.73ms
7.205ms
9.570ms
12.660ms
22.730ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
120x600B
22.73ms to 48.115ms
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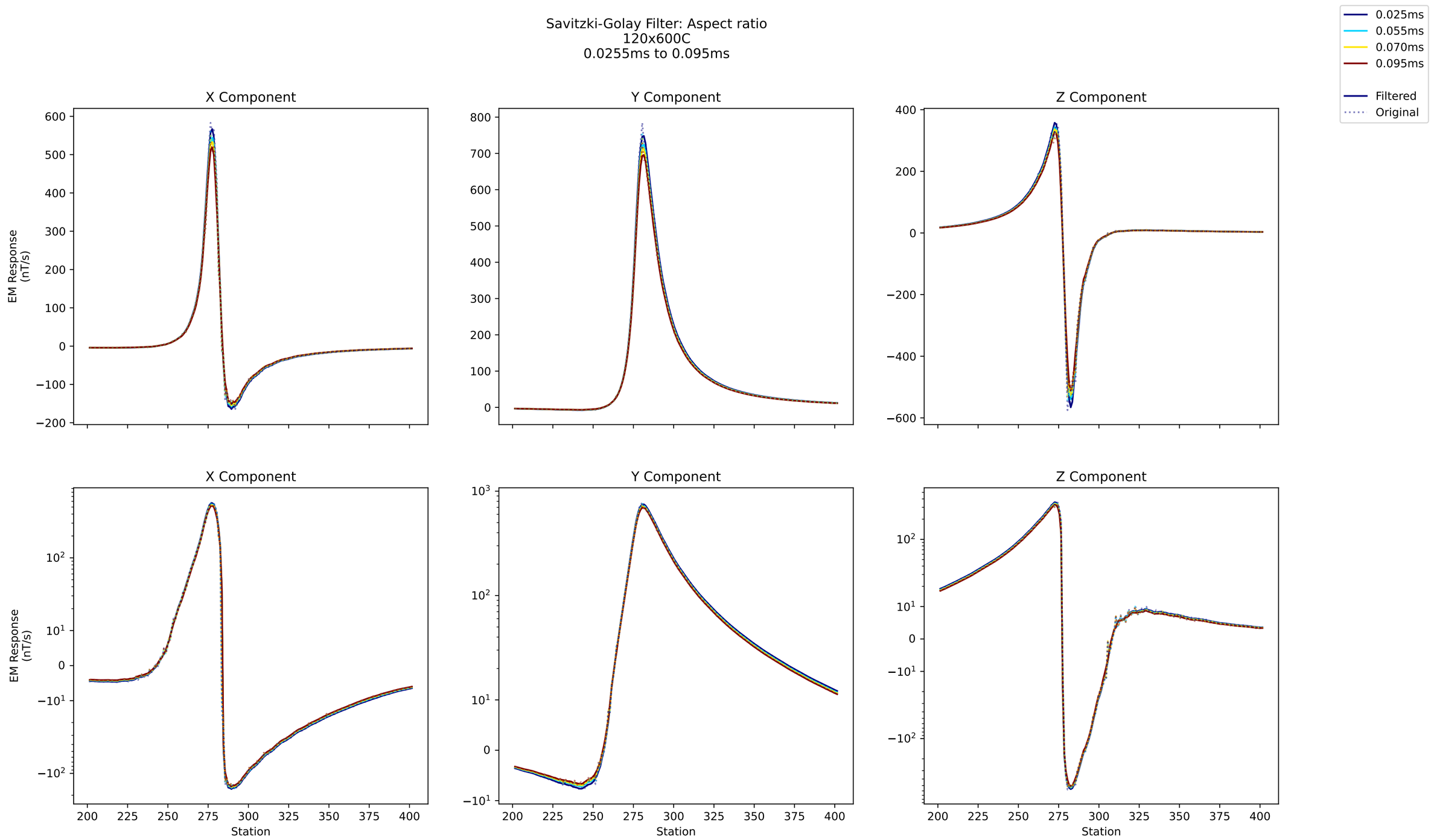
39.395ms
48.115ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
120x600C
0.0255ms to 0.095ms
0.025ms
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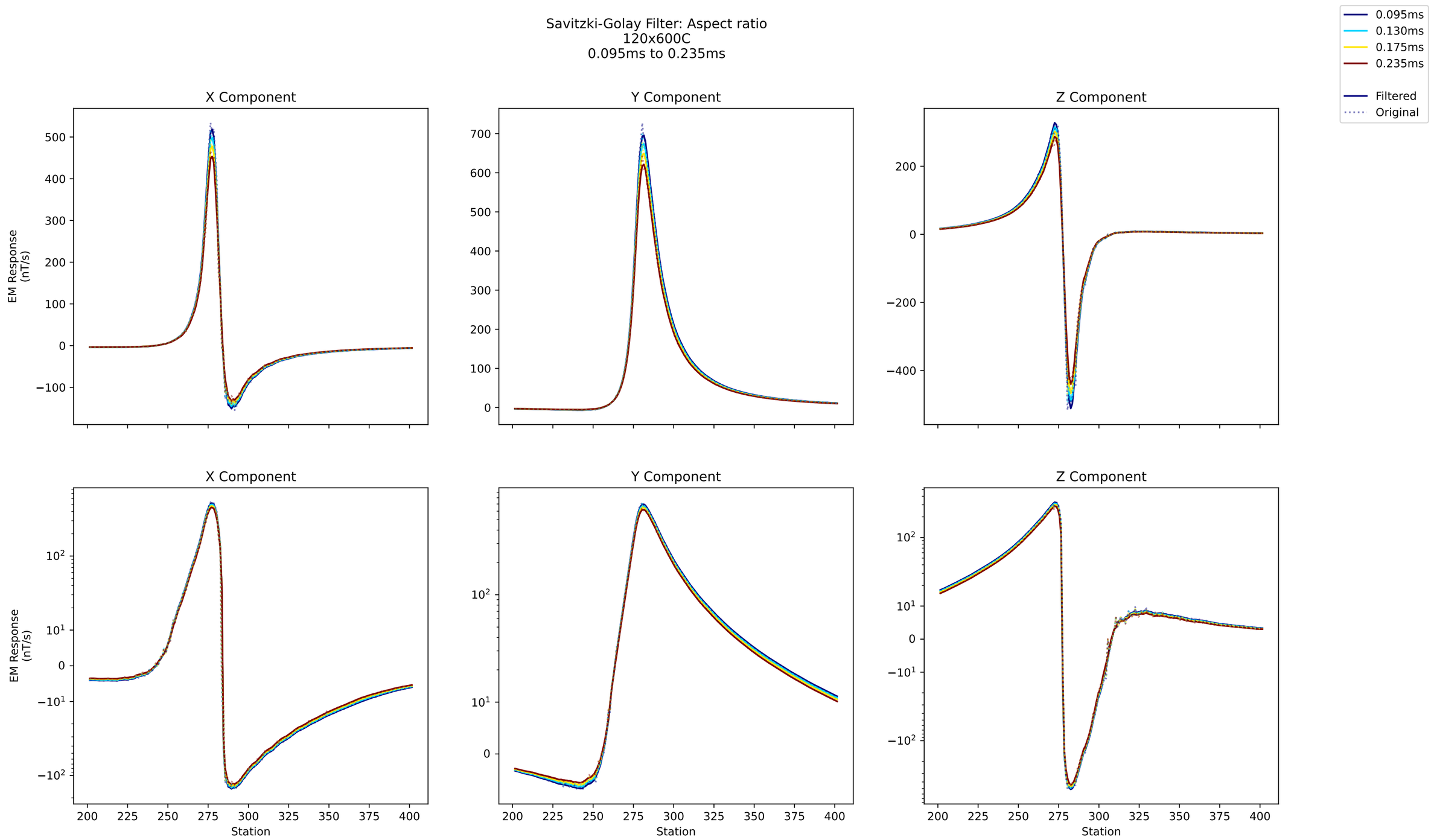
0.070ms
0.095ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station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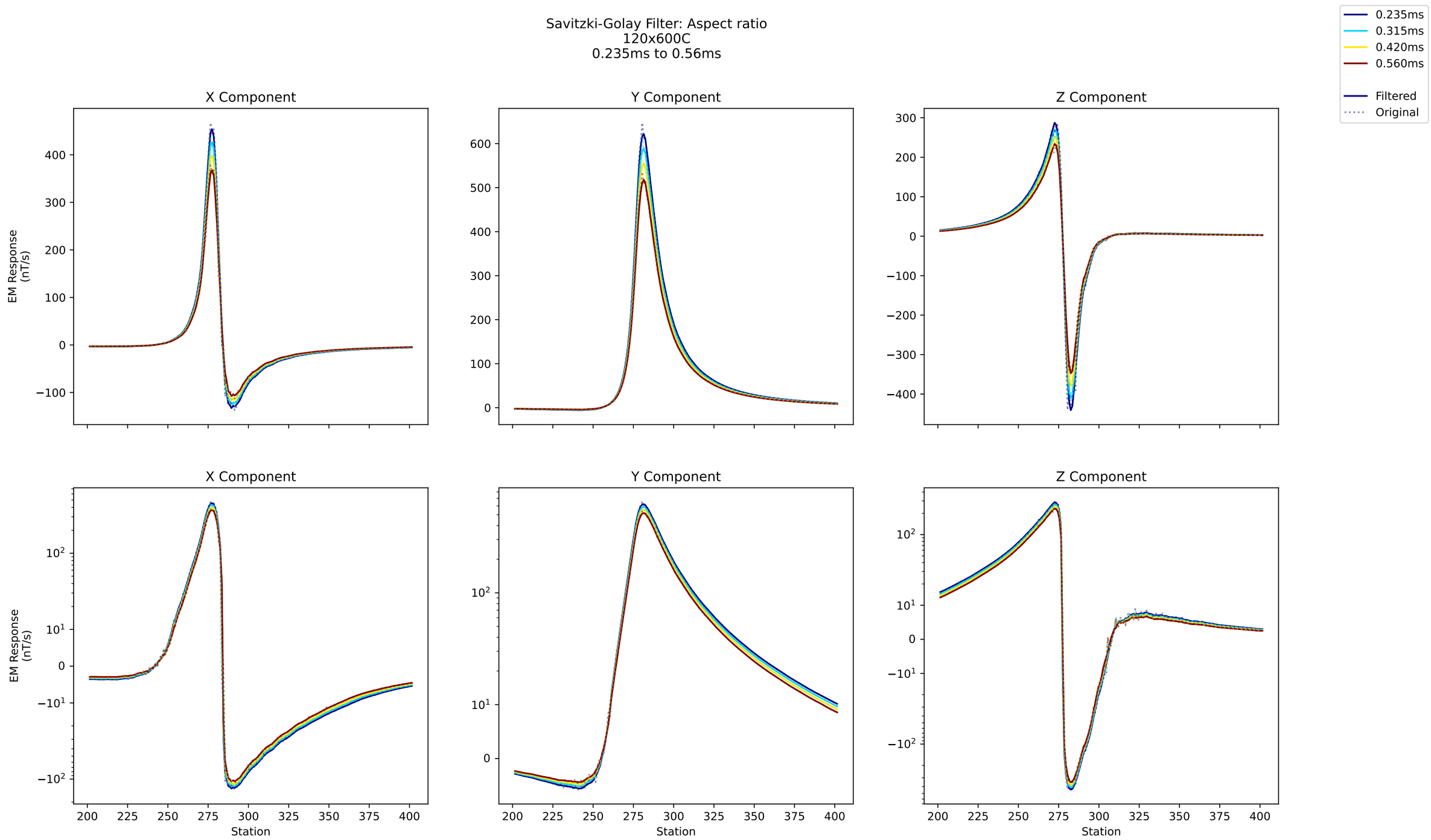
X Component
Y Component
Z Component
EM Response
(nT/s)
Station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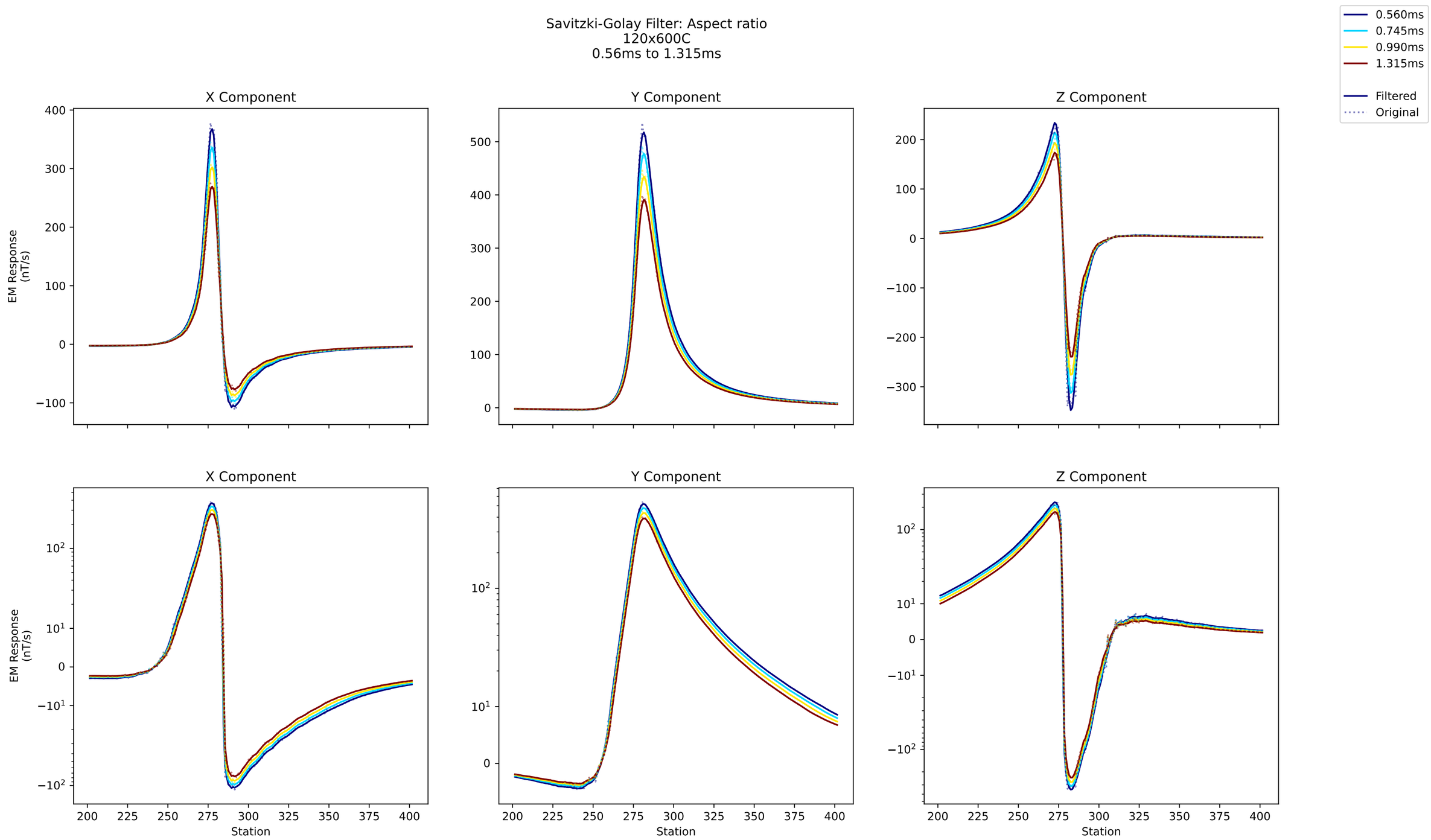
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
120x600C
0.56ms to 1.315ms
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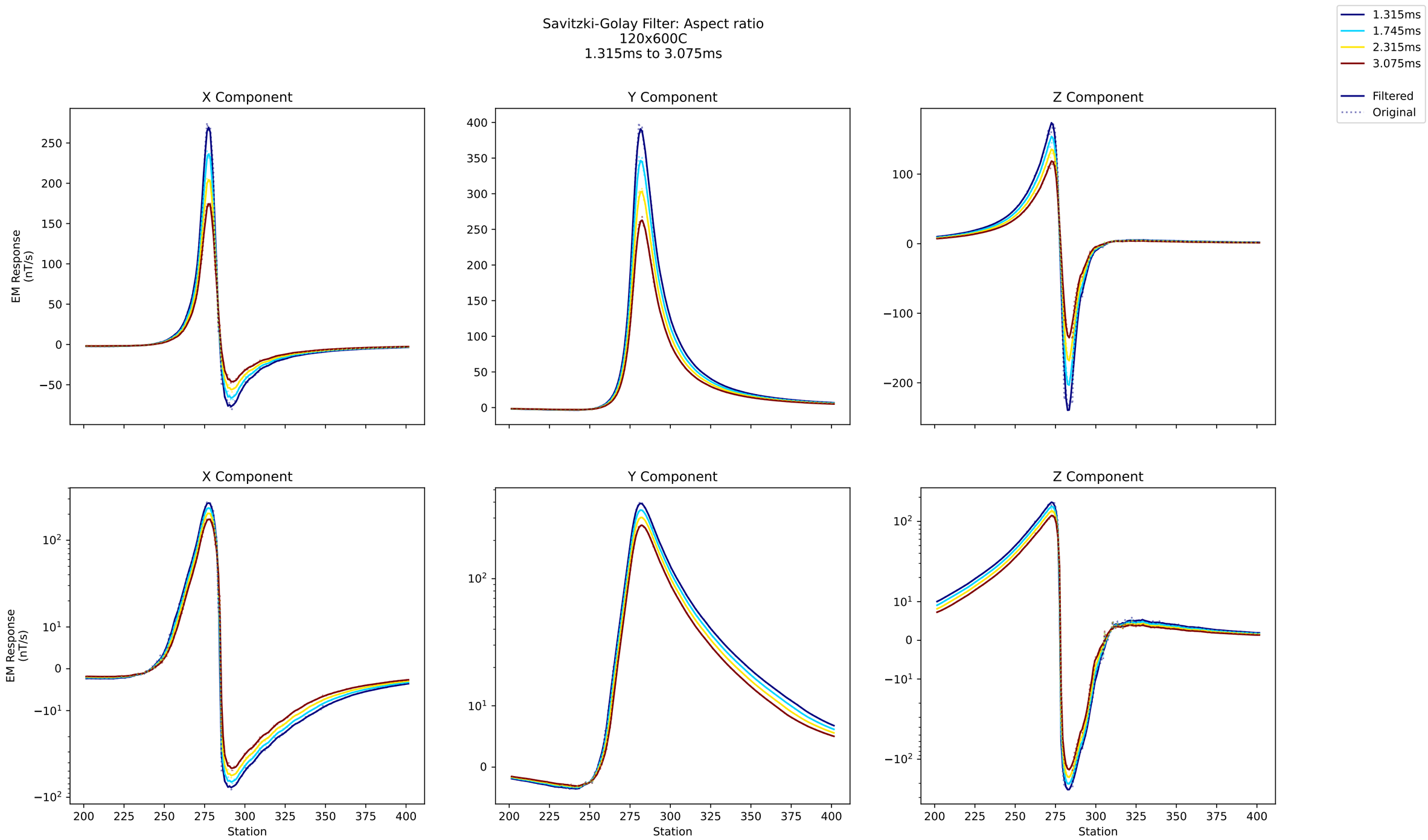
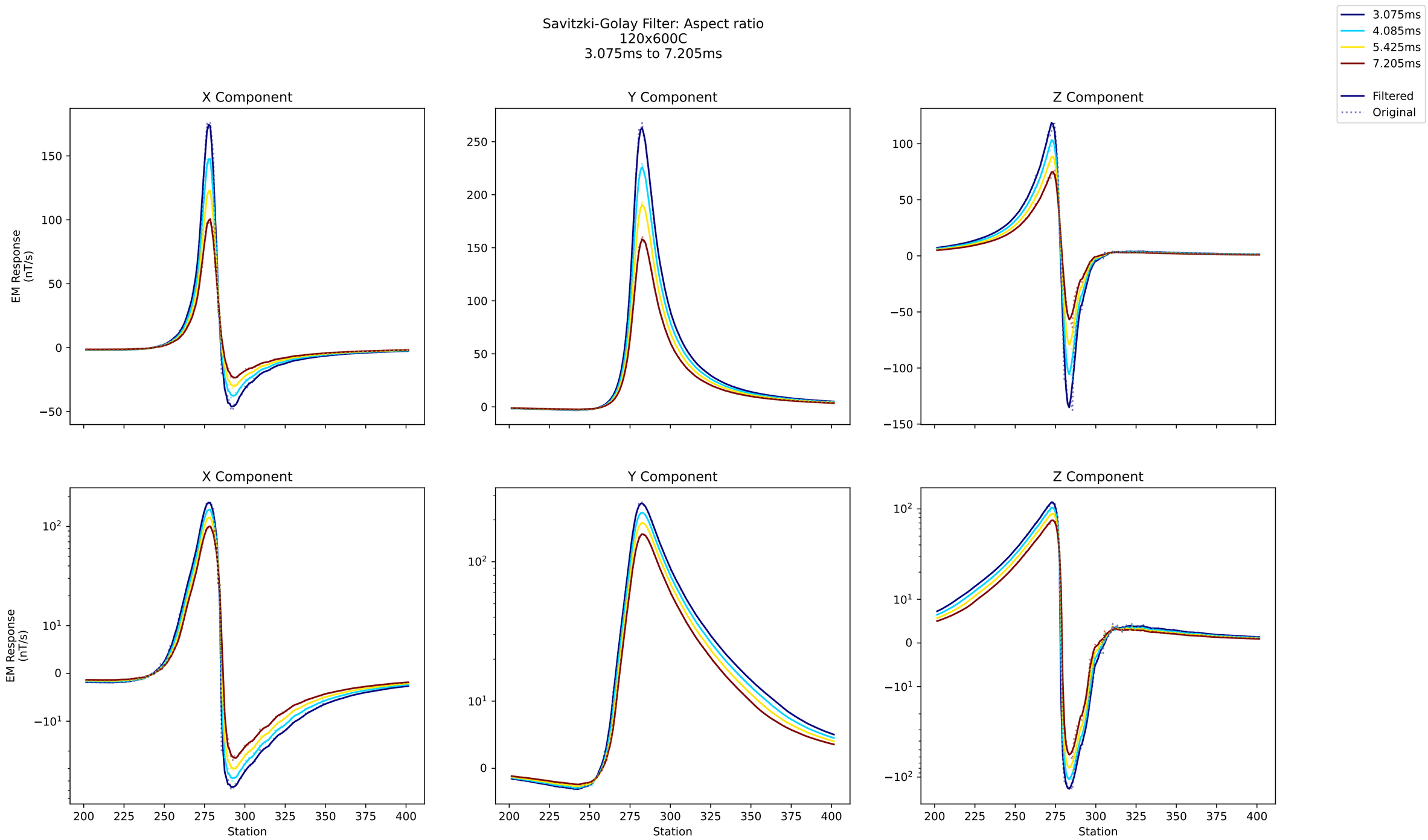
0.990ms
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
120x600C
1.315ms to 3.075ms
1.315ms
1.745ms
2.315ms
3.075ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
120x600C
3.075ms to 7.205ms
3.075ms
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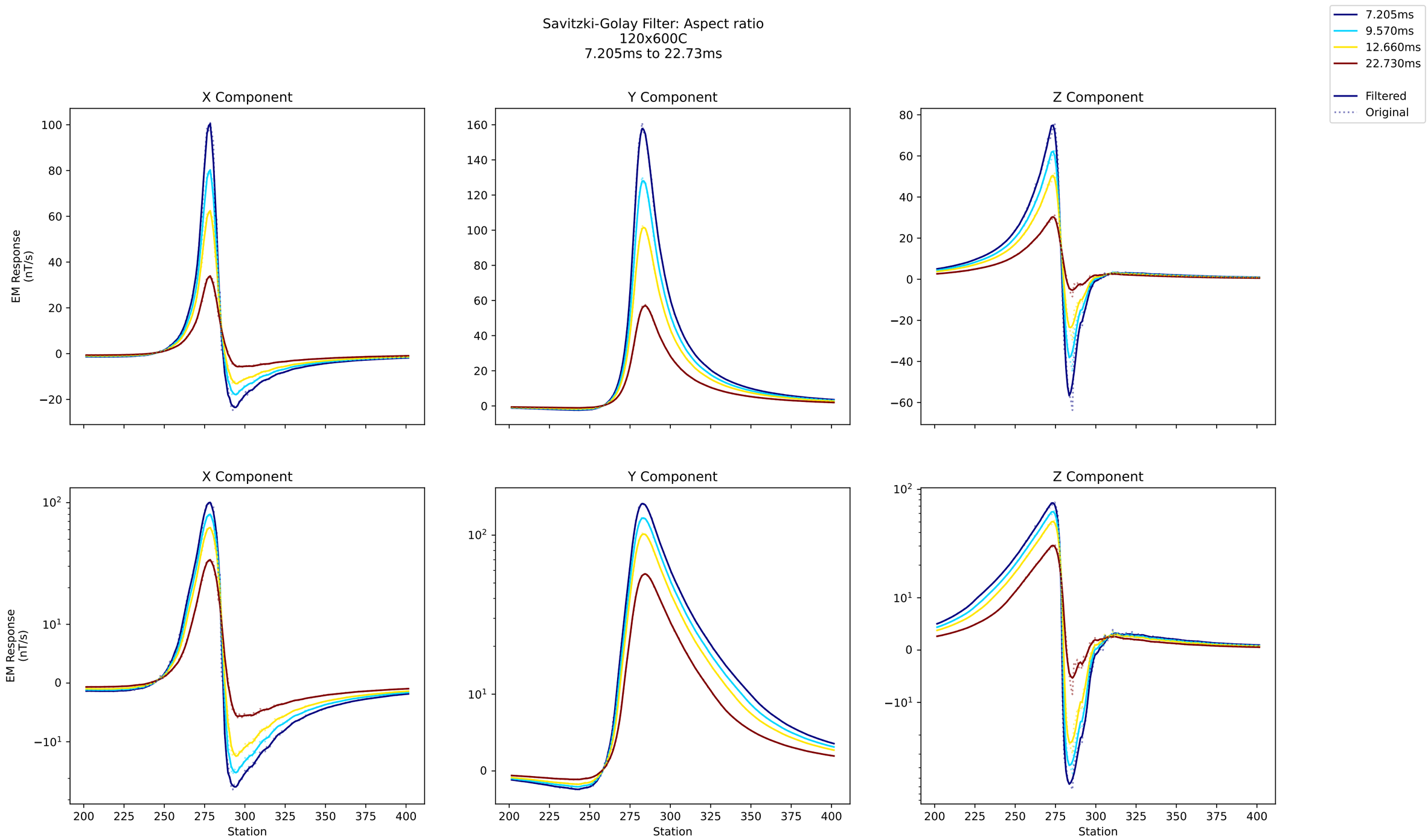
7.205ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
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7.205ms
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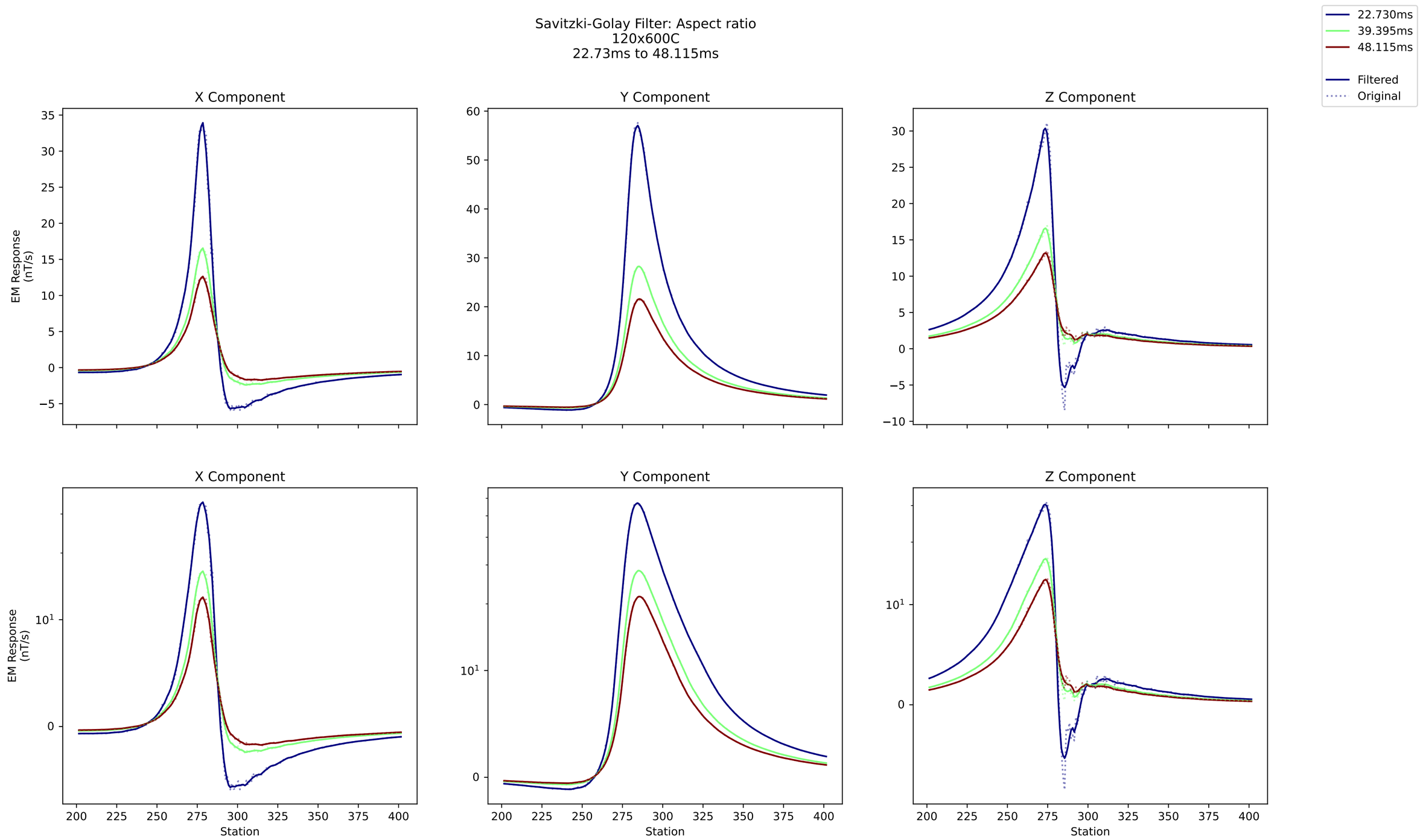
22.730ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
120x600C
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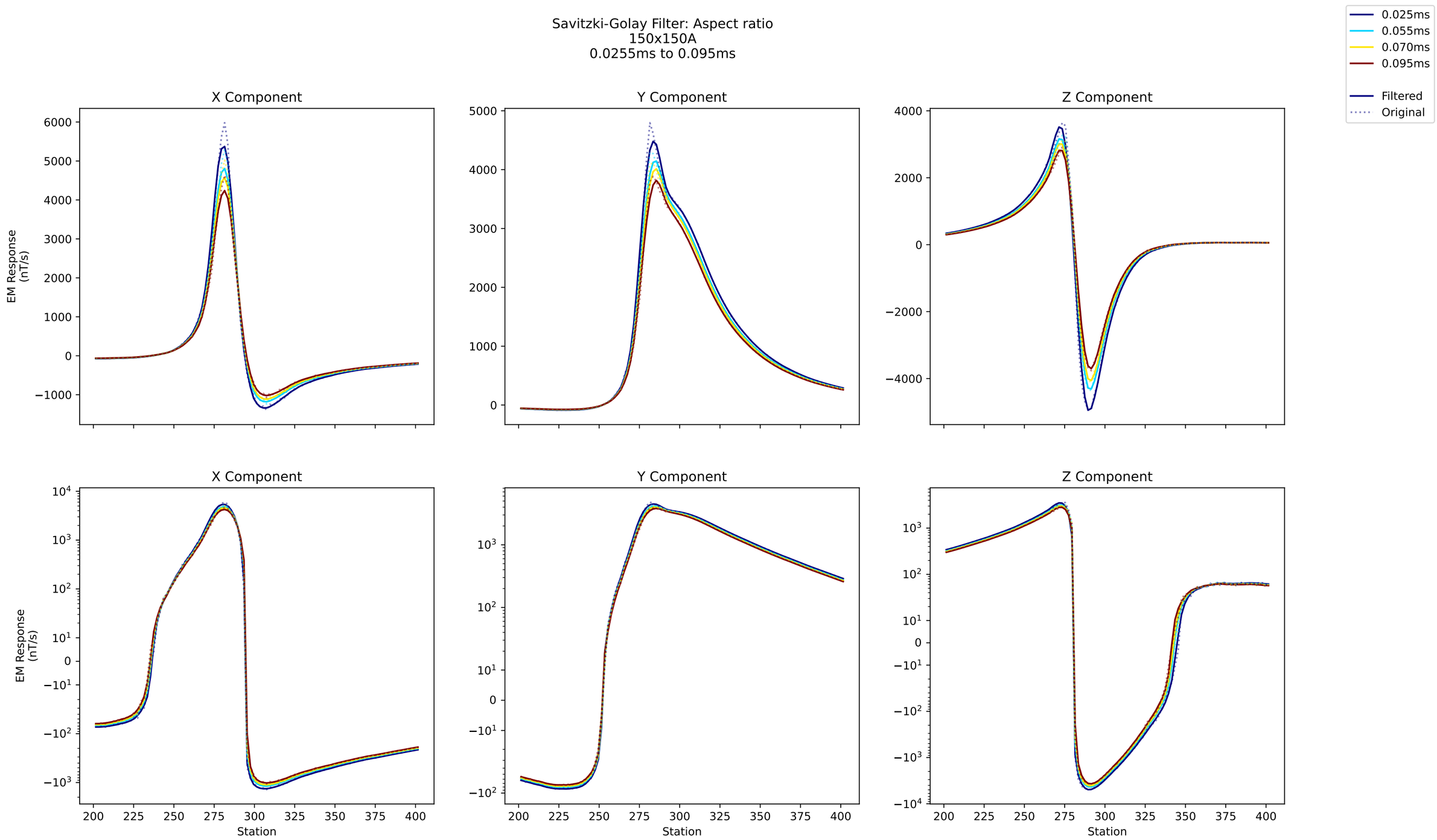
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
150x150A
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0.095ms
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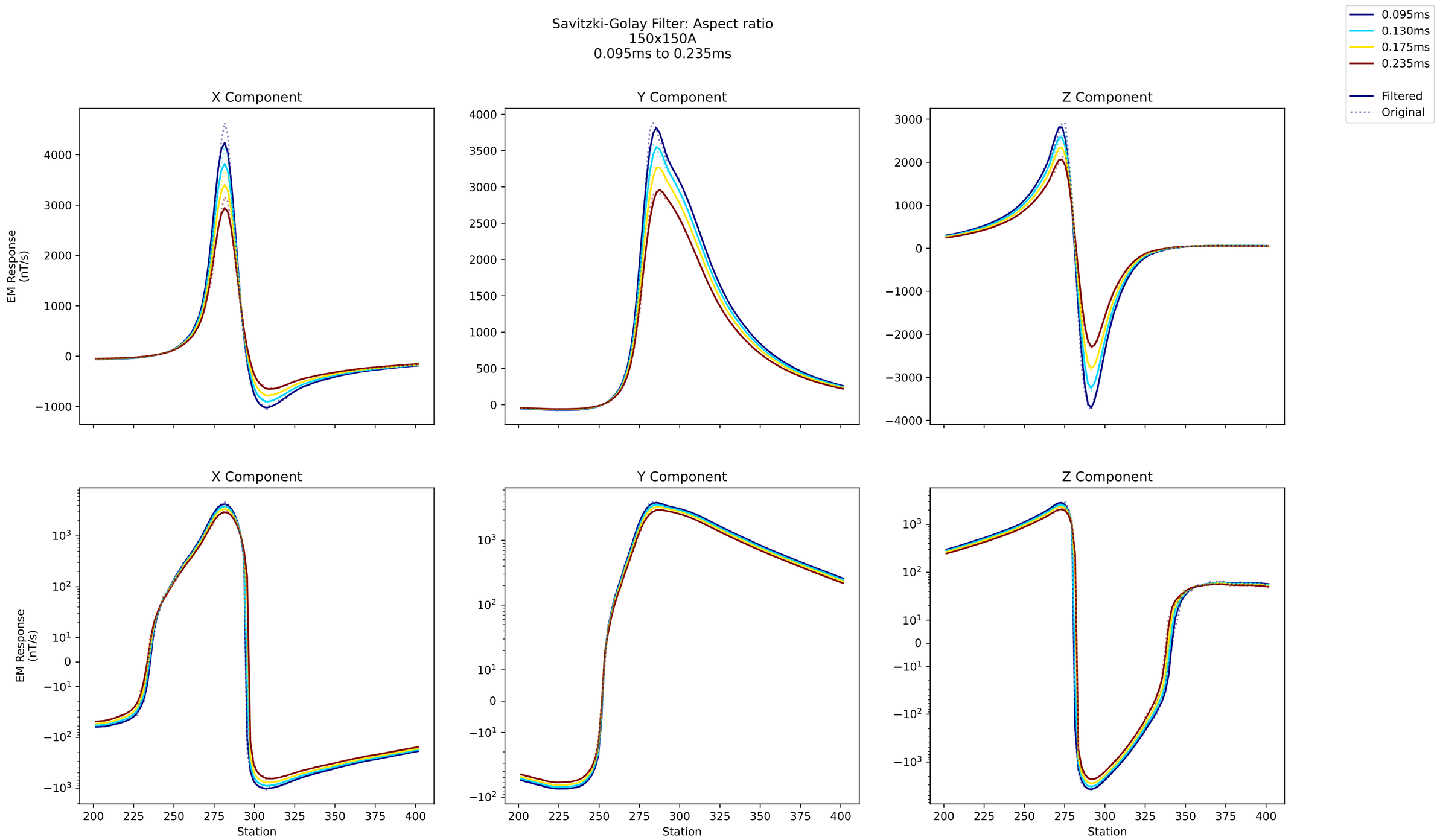
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station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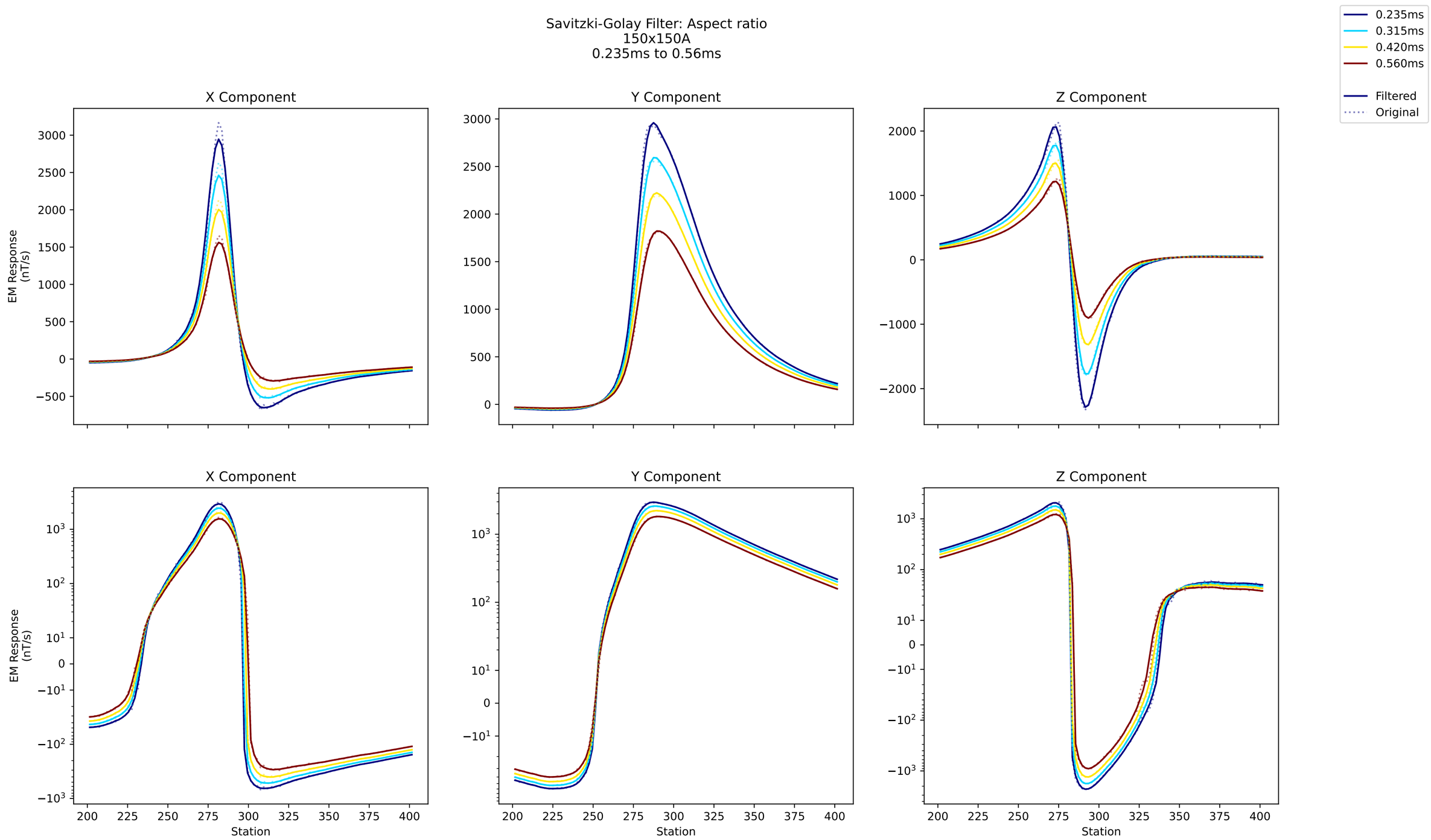
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
150x150A
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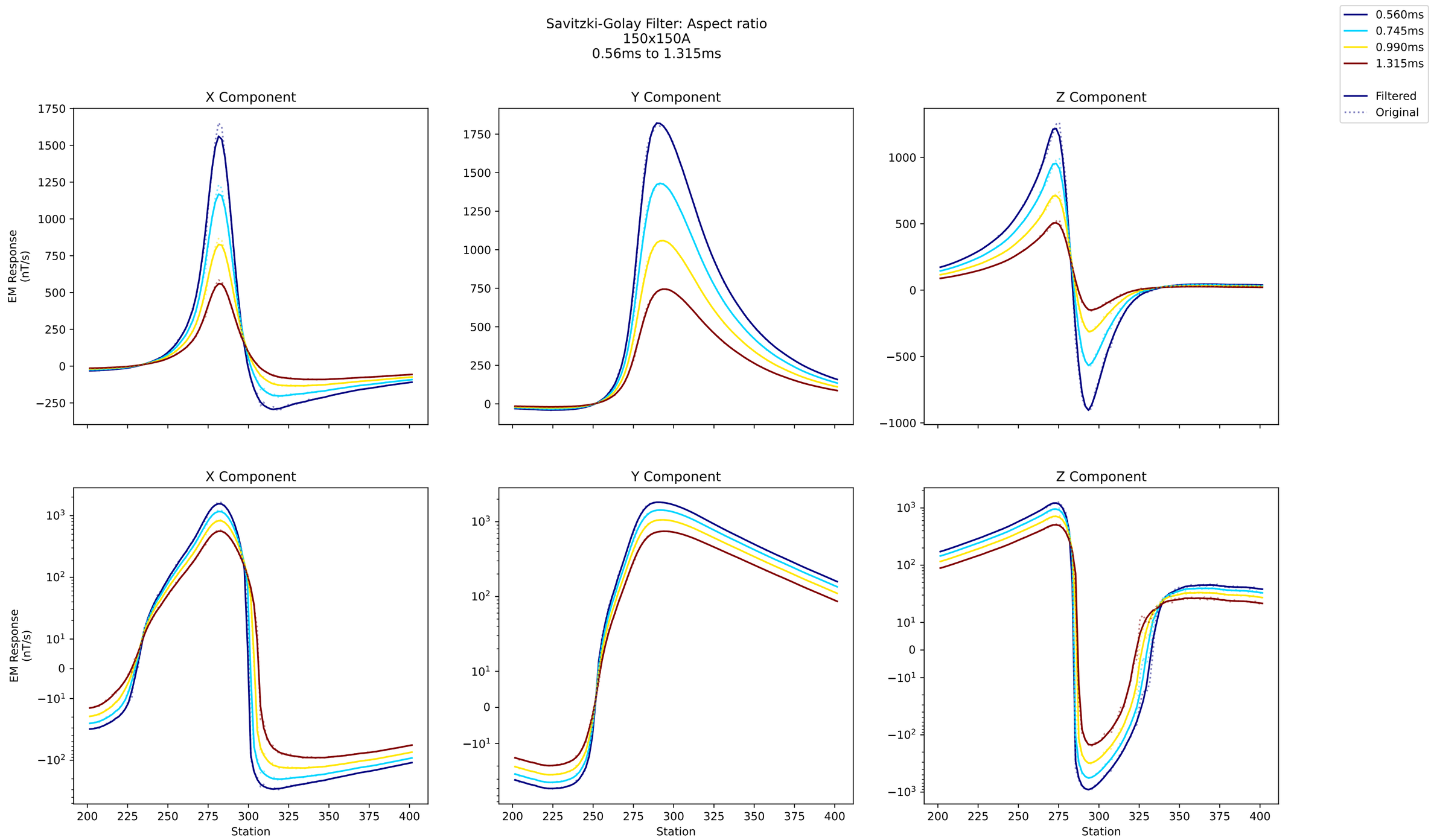
0.560ms
Filtered
Original
X Component
Y Component
Z Component
EM Response (nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
150x150A
0.56ms to 1.315ms
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1.315ms
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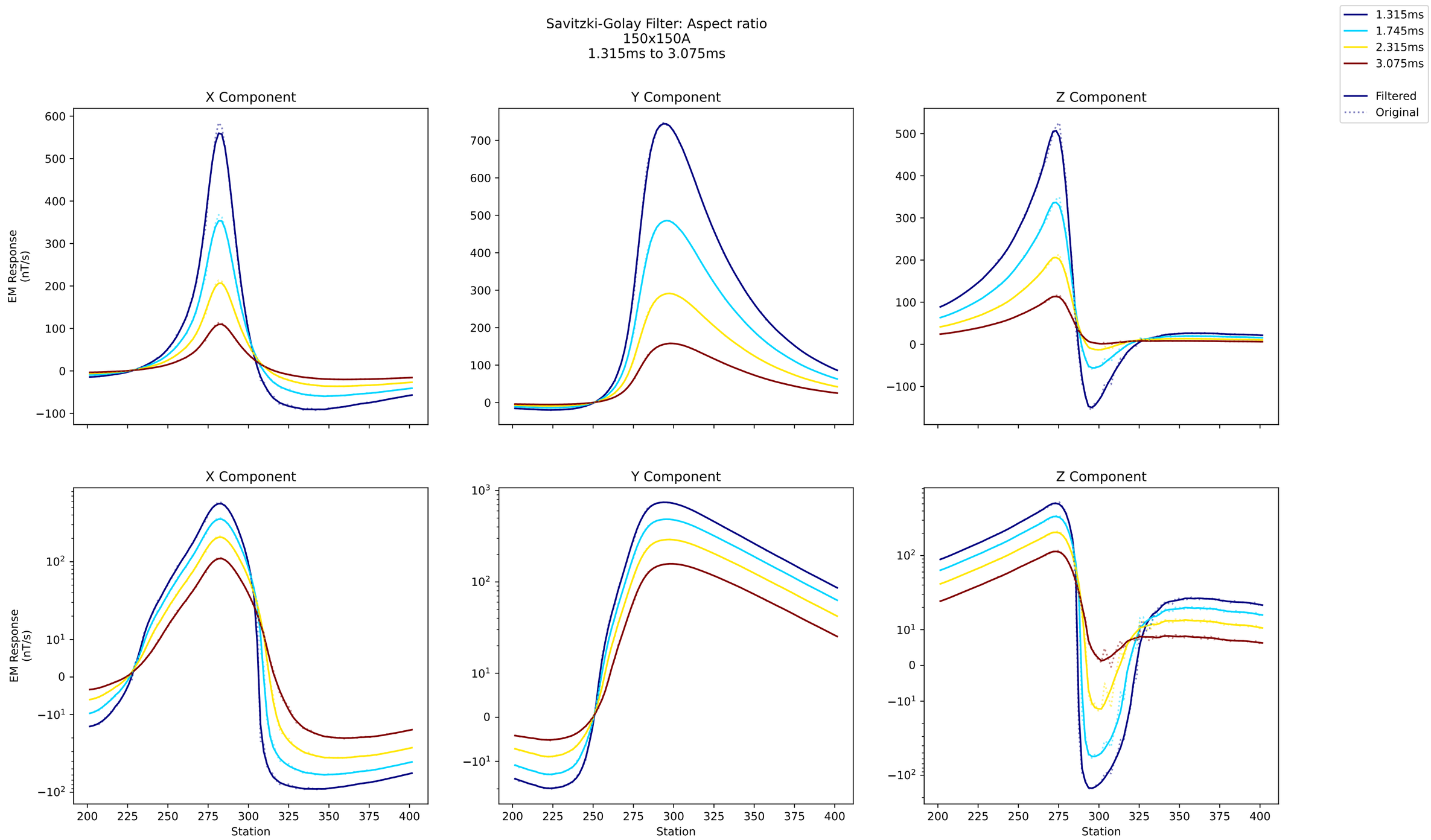
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
150x150A
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Y Component
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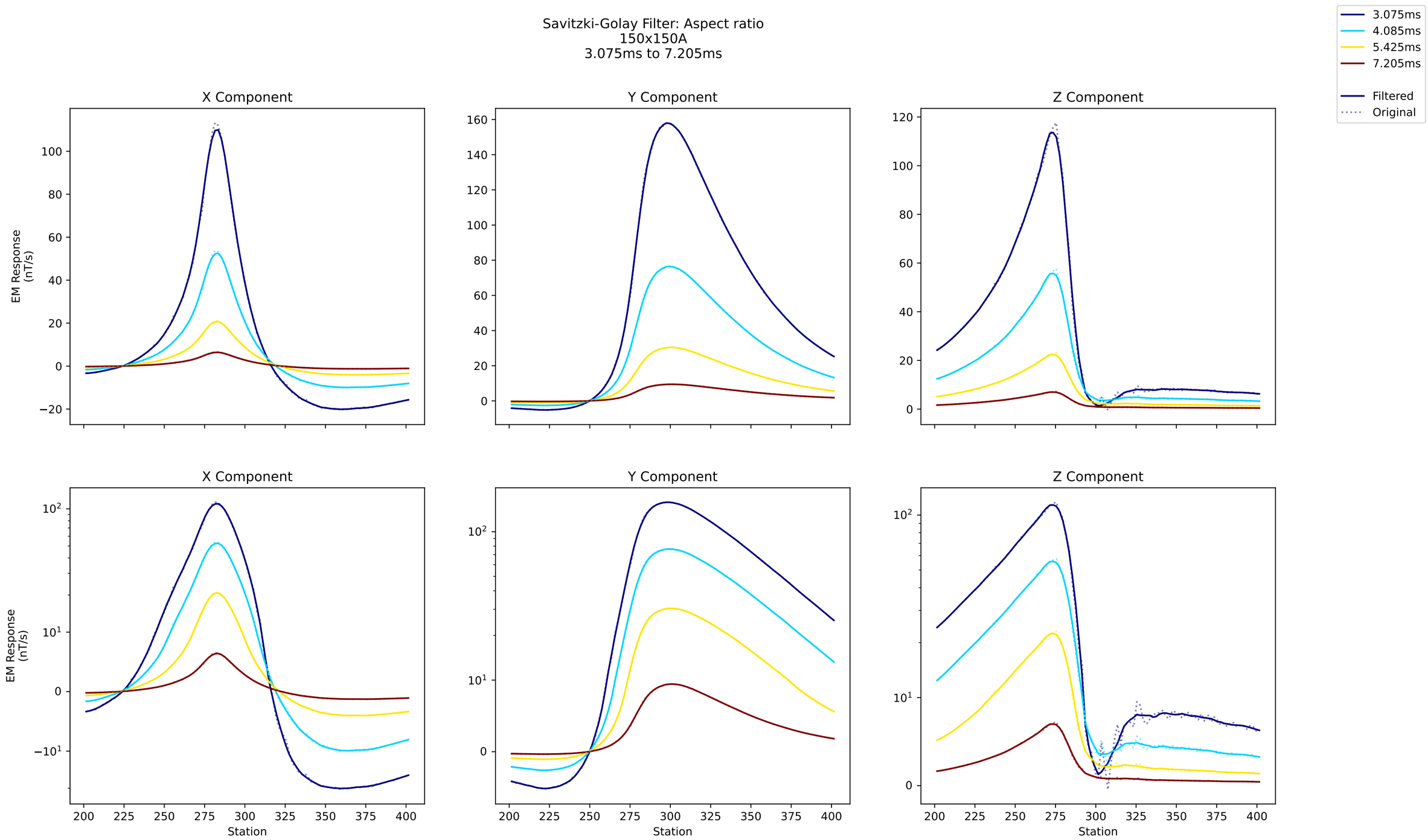
EM Response
(nT/s)
Station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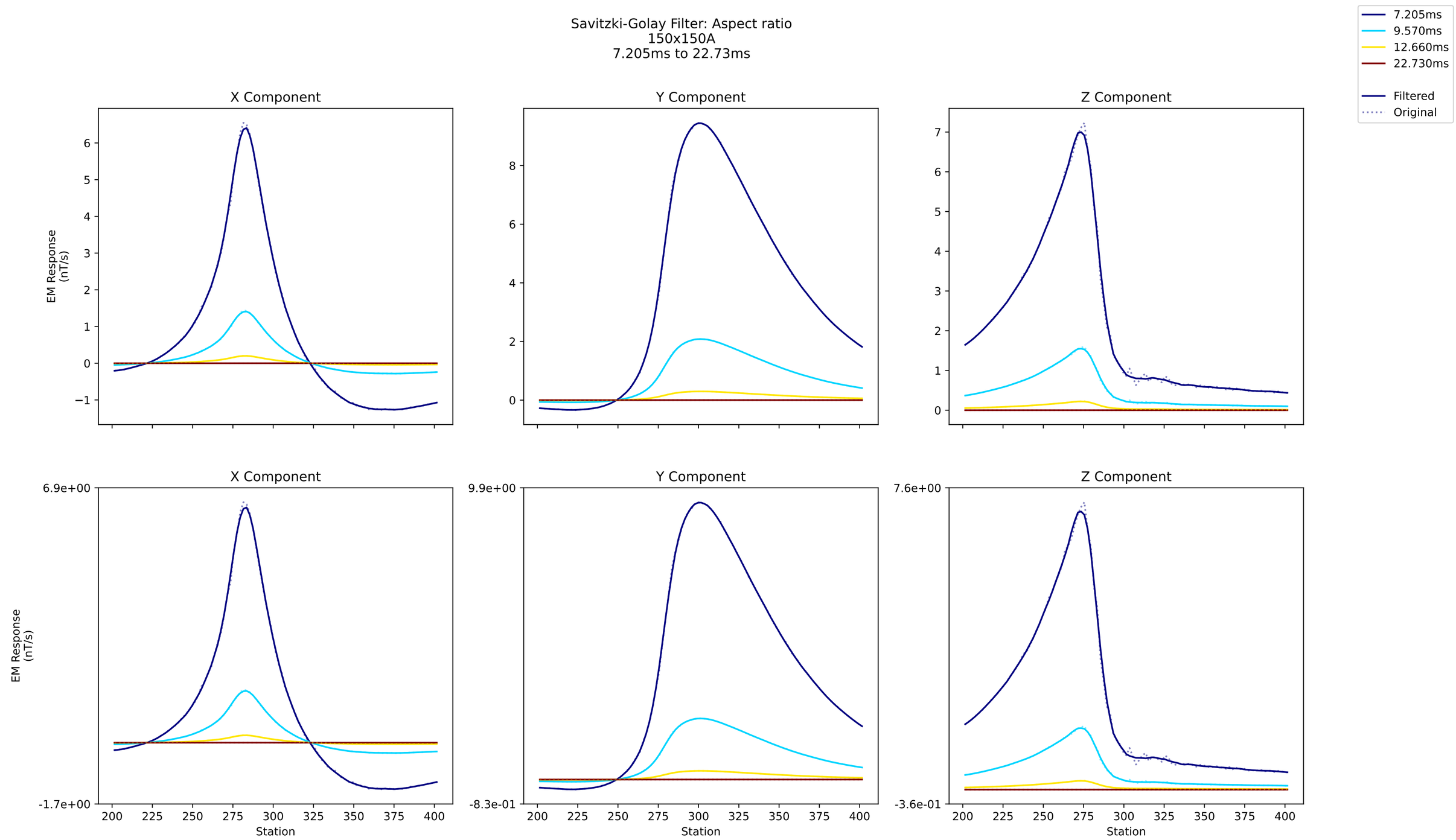
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
150x150A
7.205ms to 22.73ms
7.205ms
9.570ms
12.660ms
22.730ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
6.9e+00
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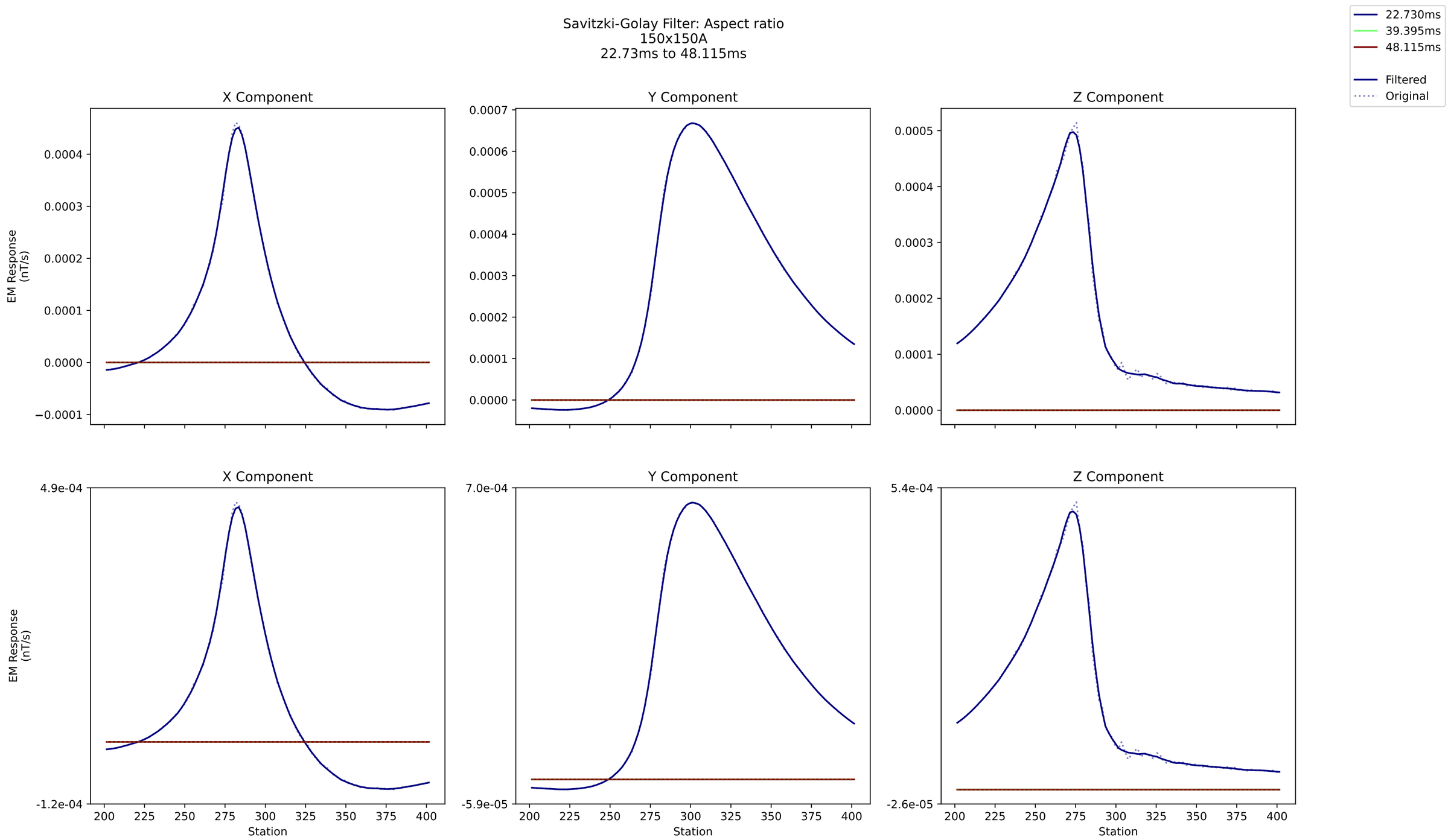
Station


Savitzki-Golay Filter: Aspect ratio
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Filtered
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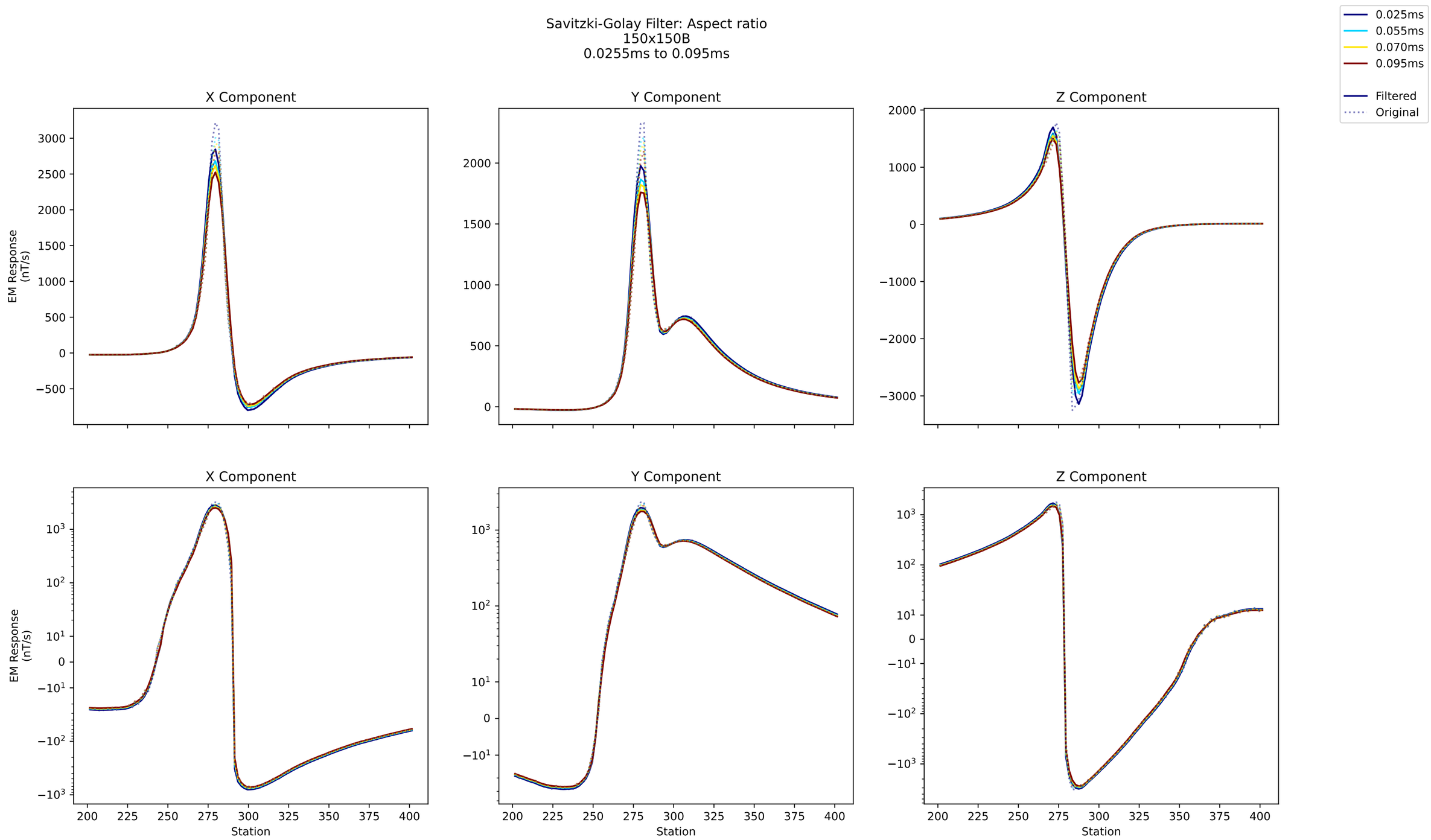
X Component
Y Component
Z Component
EM Response
(nT/s)
Station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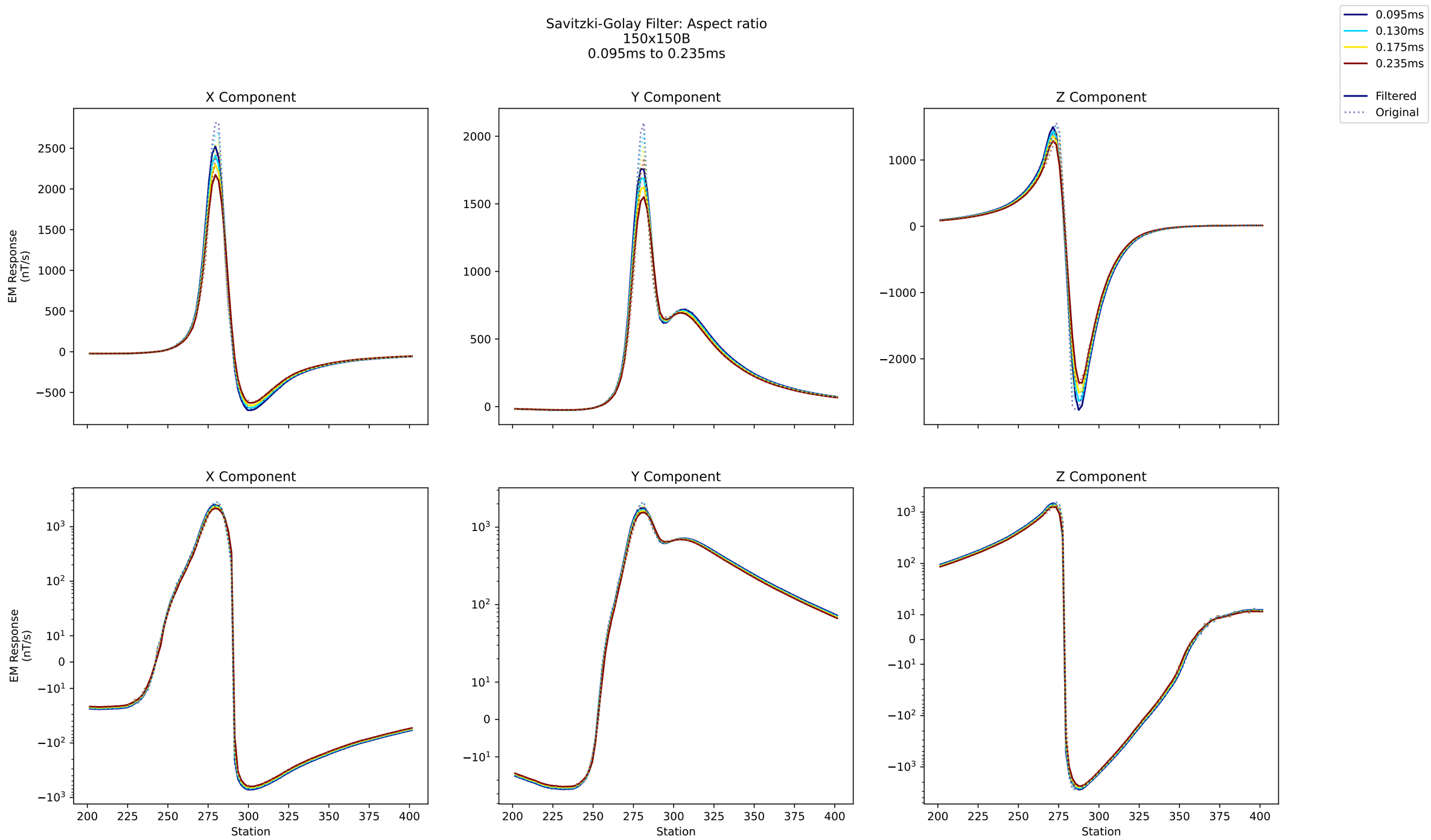
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station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Filtered
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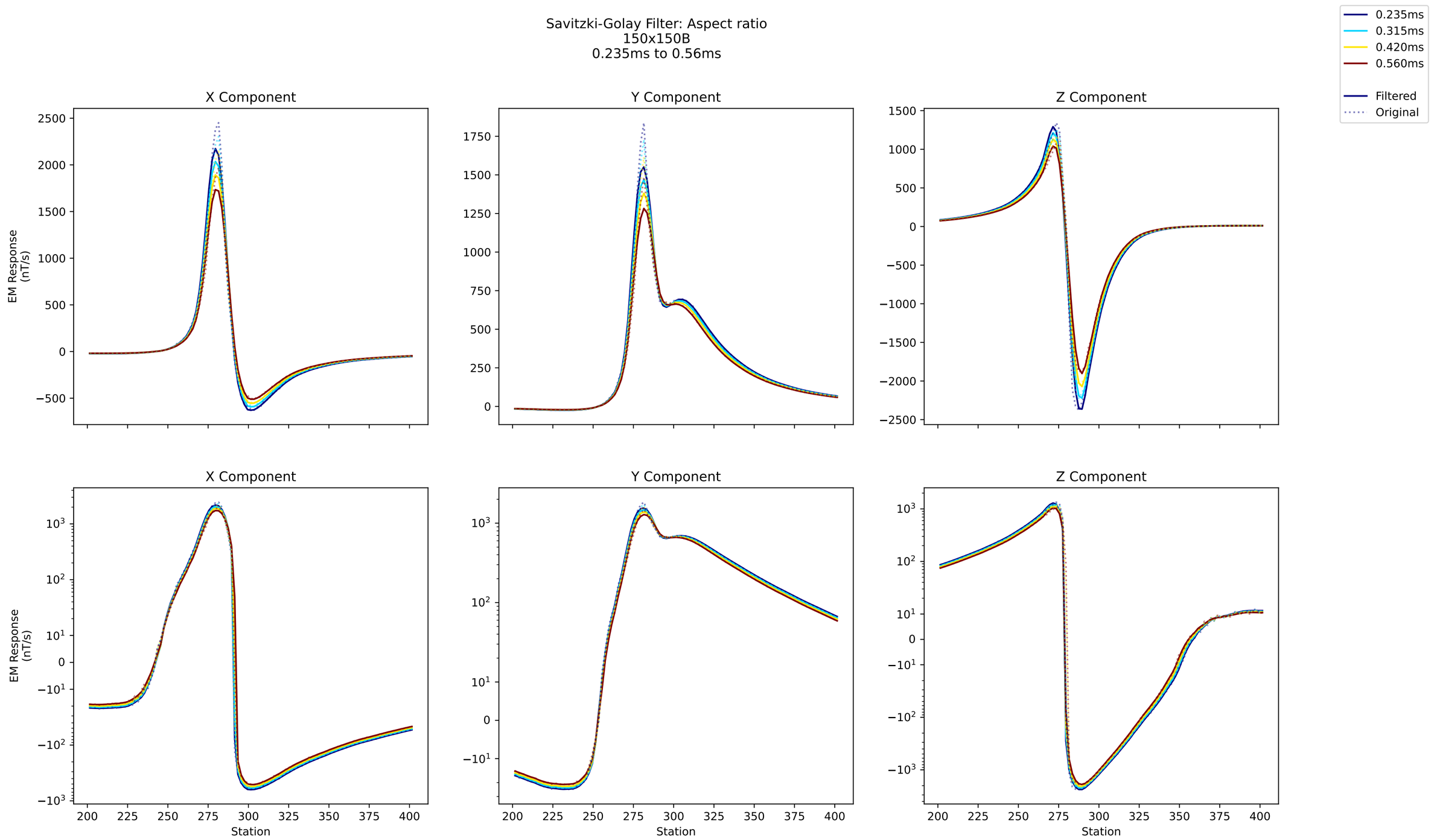
(nT/s)
Station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Filtered
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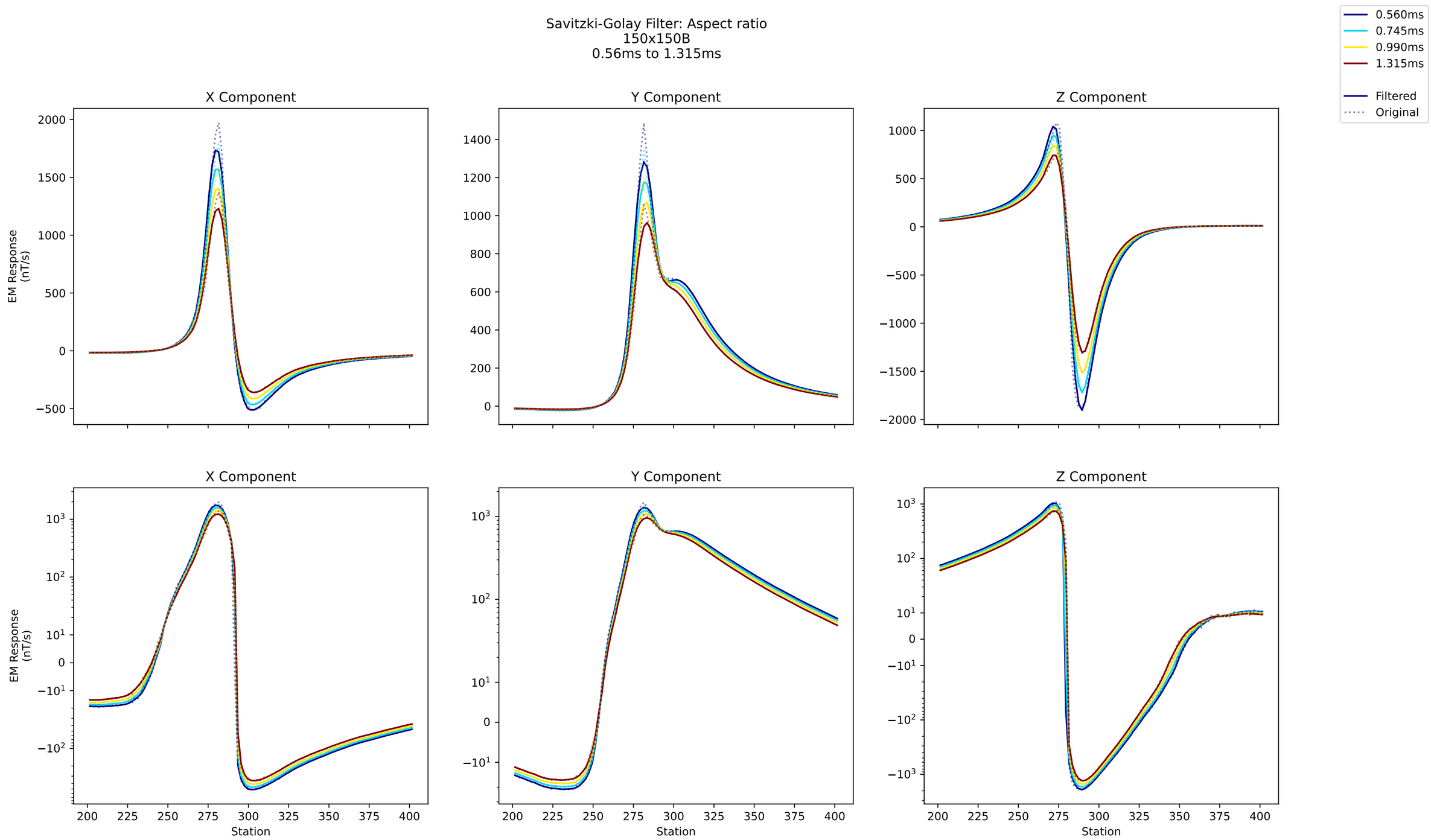
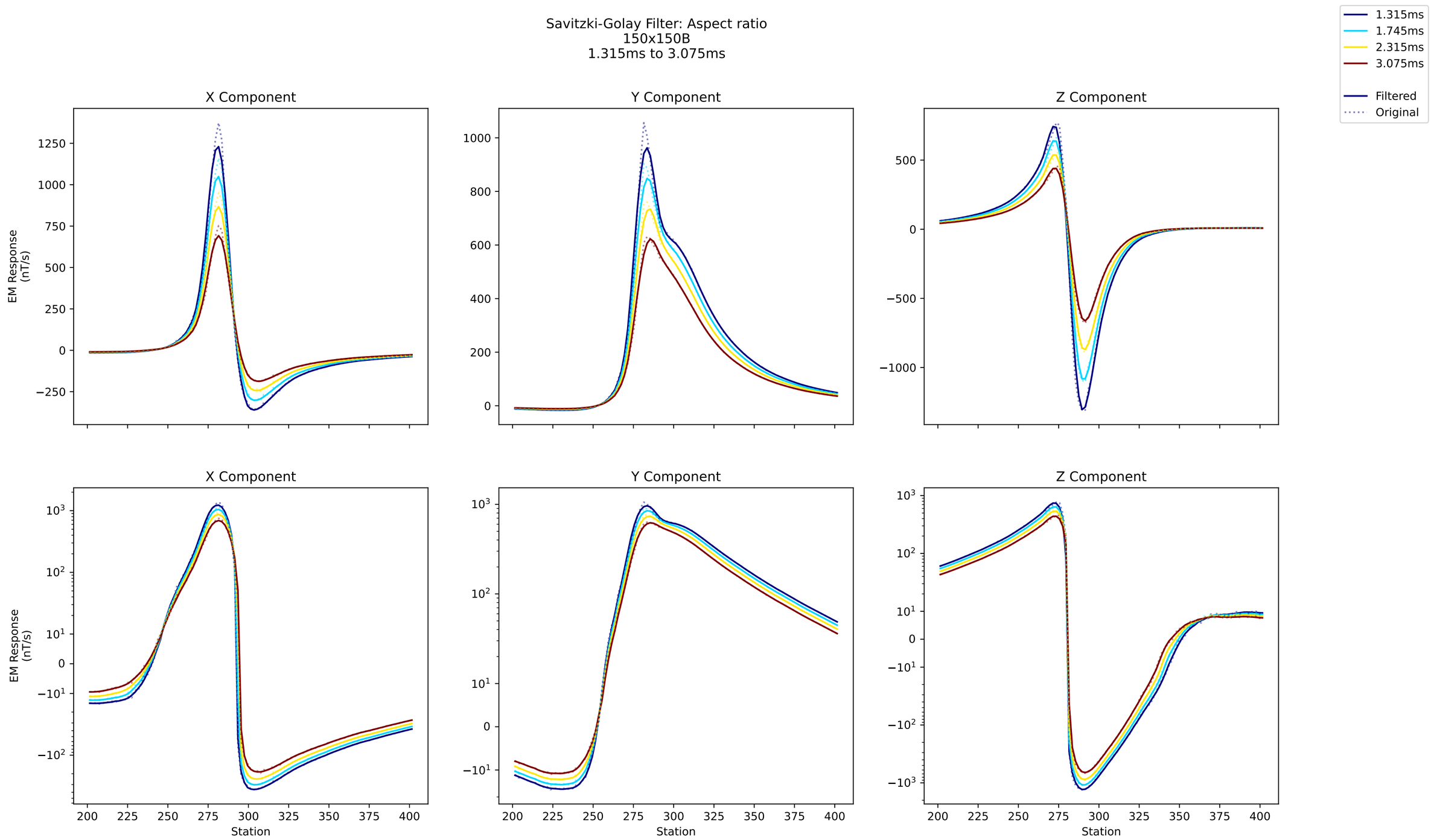
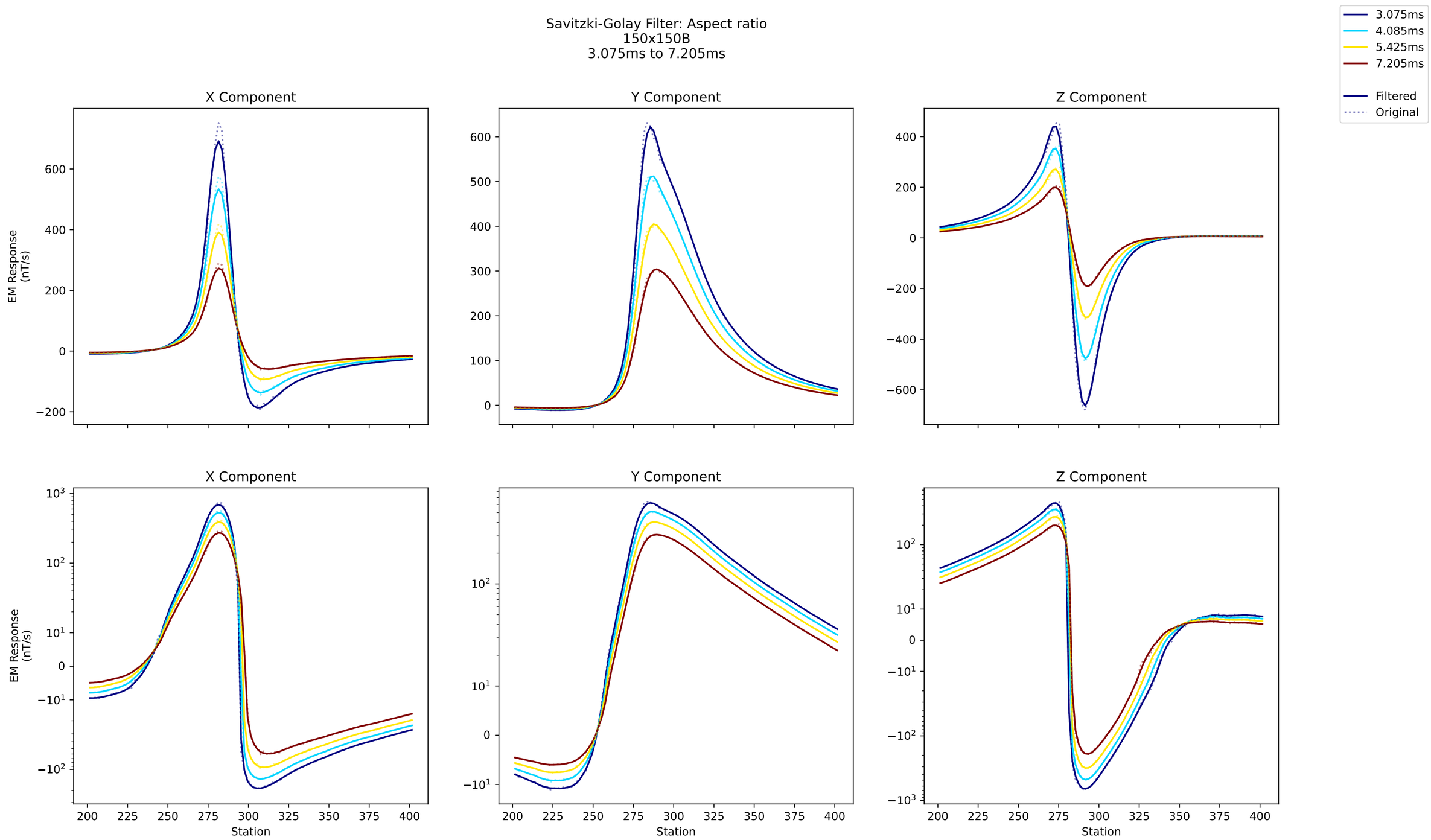
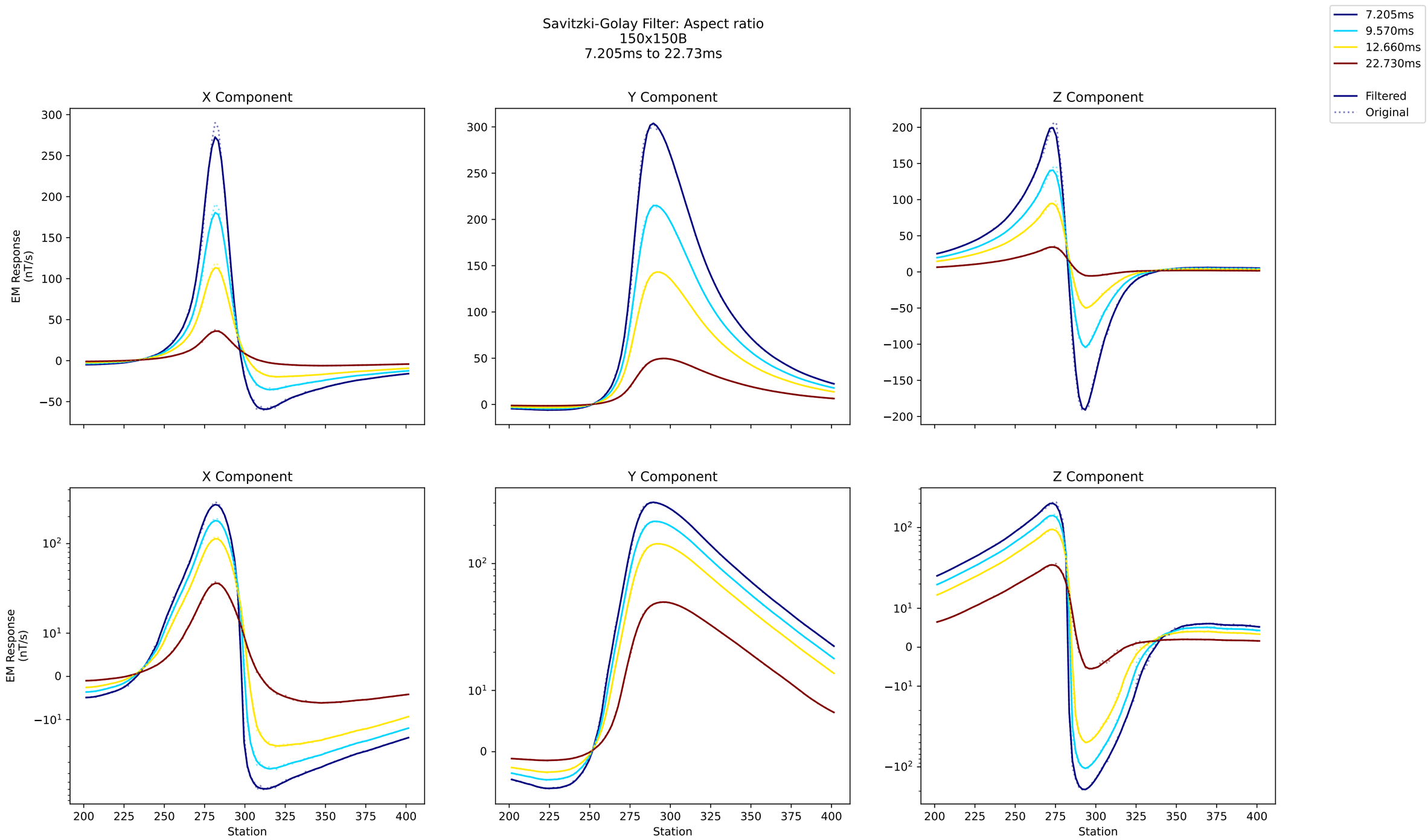
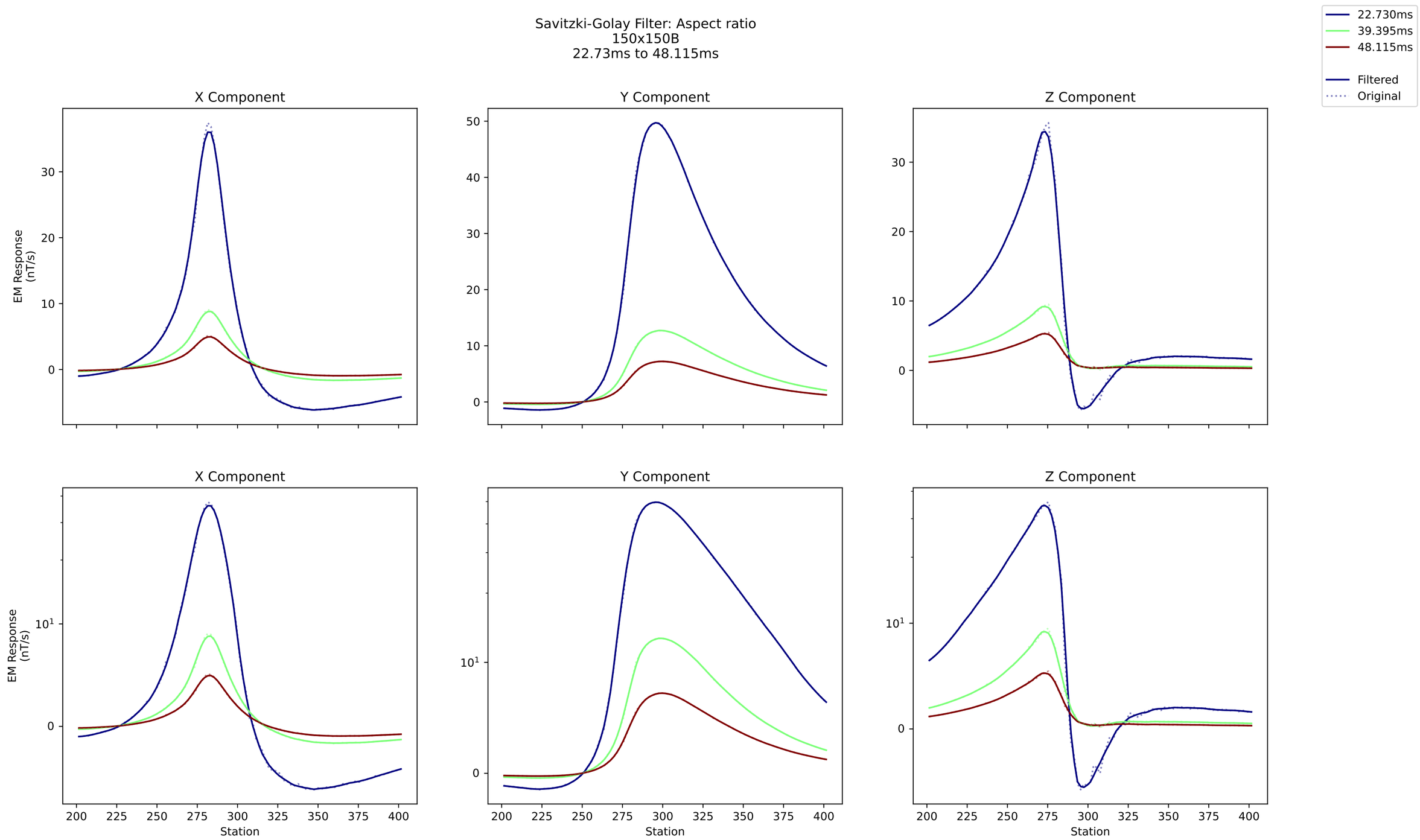
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

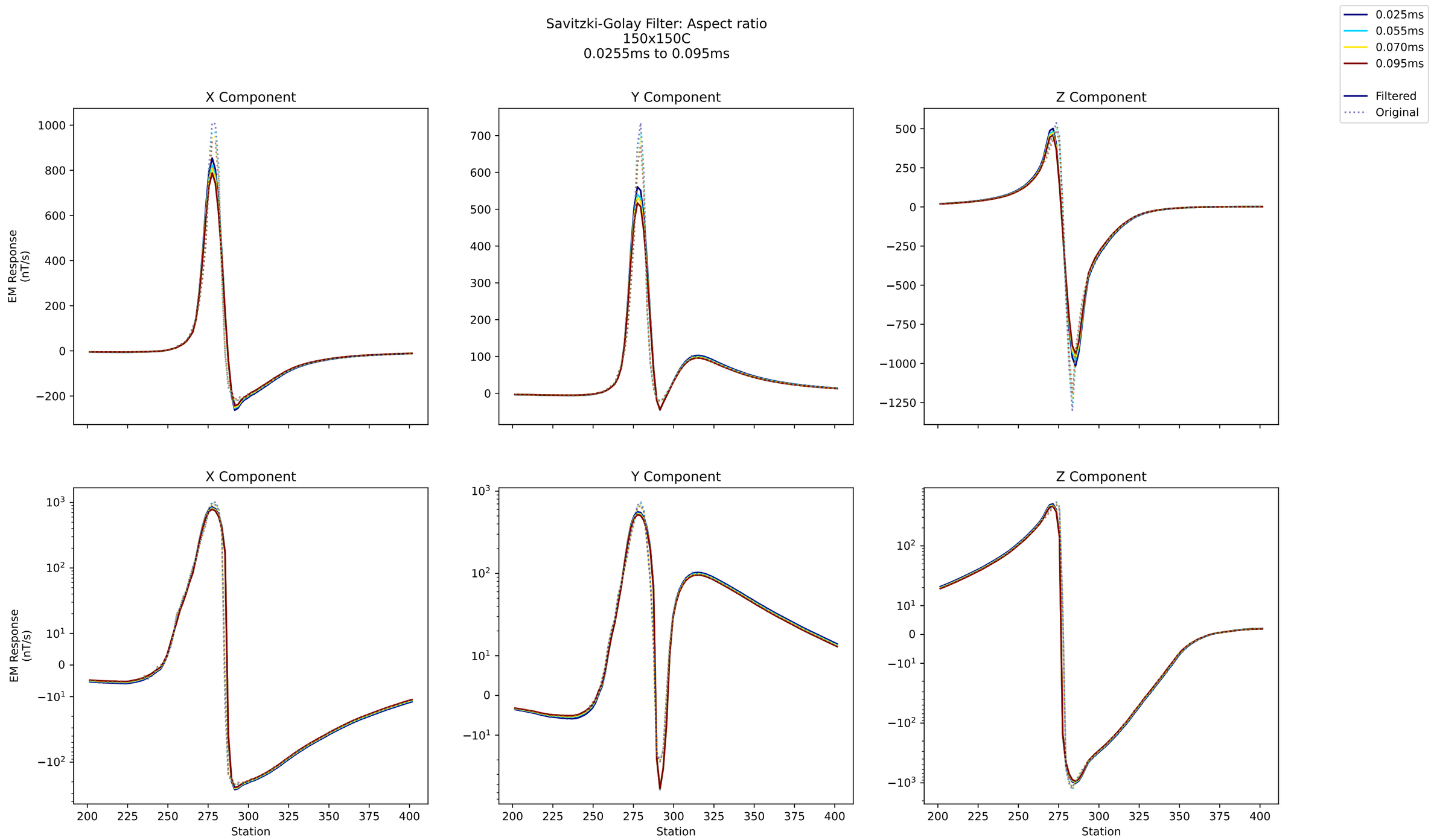

Savitzki-Golay Filter: Aspect ratio
150x150B
0.56ms to 1.315ms
0.560ms
0.745ms
0.990ms
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

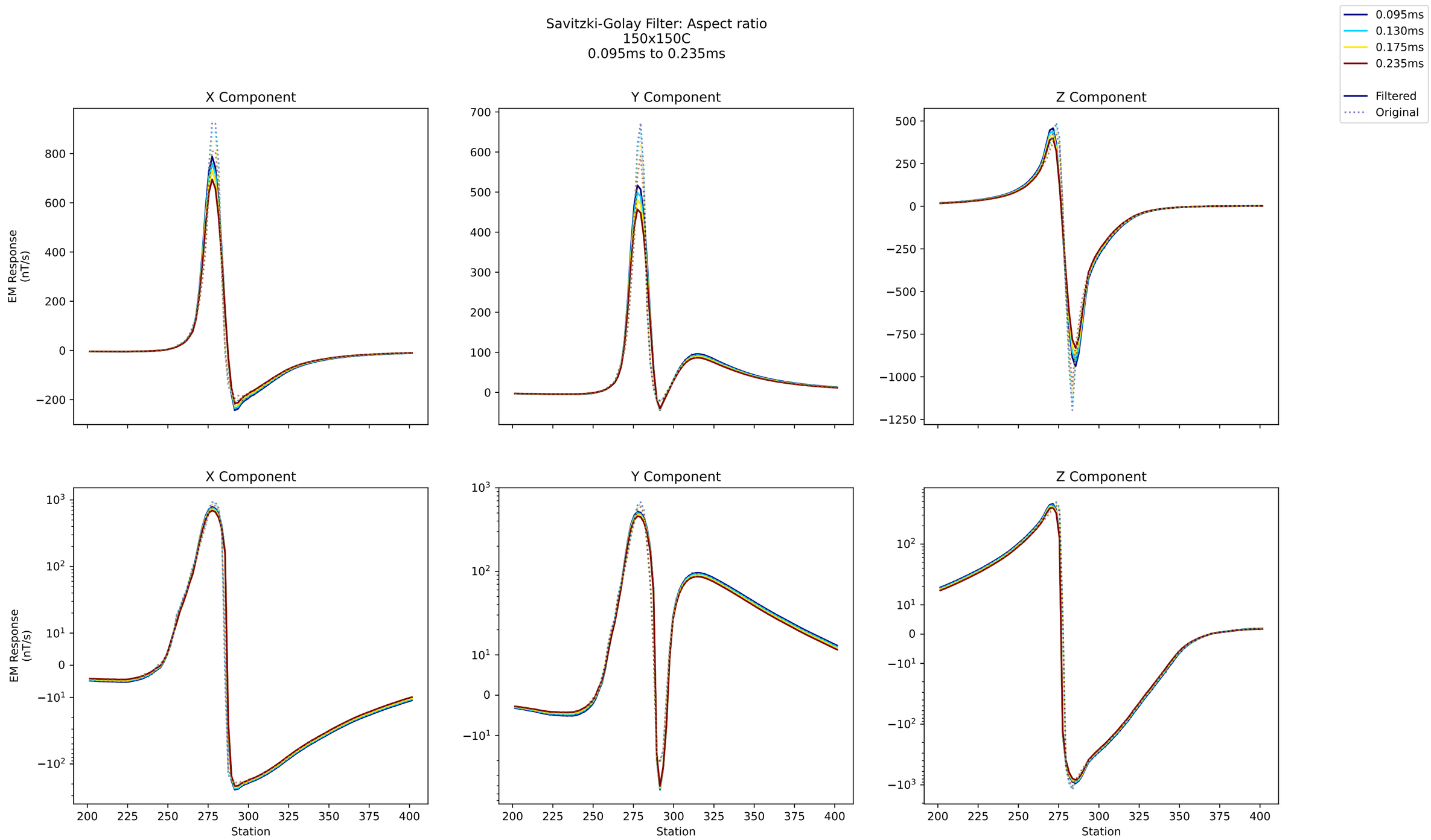

Savitzki-Golay Filter: Aspect ratio
150x150B
1.315ms to 3.075ms
1.315ms
1.745ms
2.315ms
3.075ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

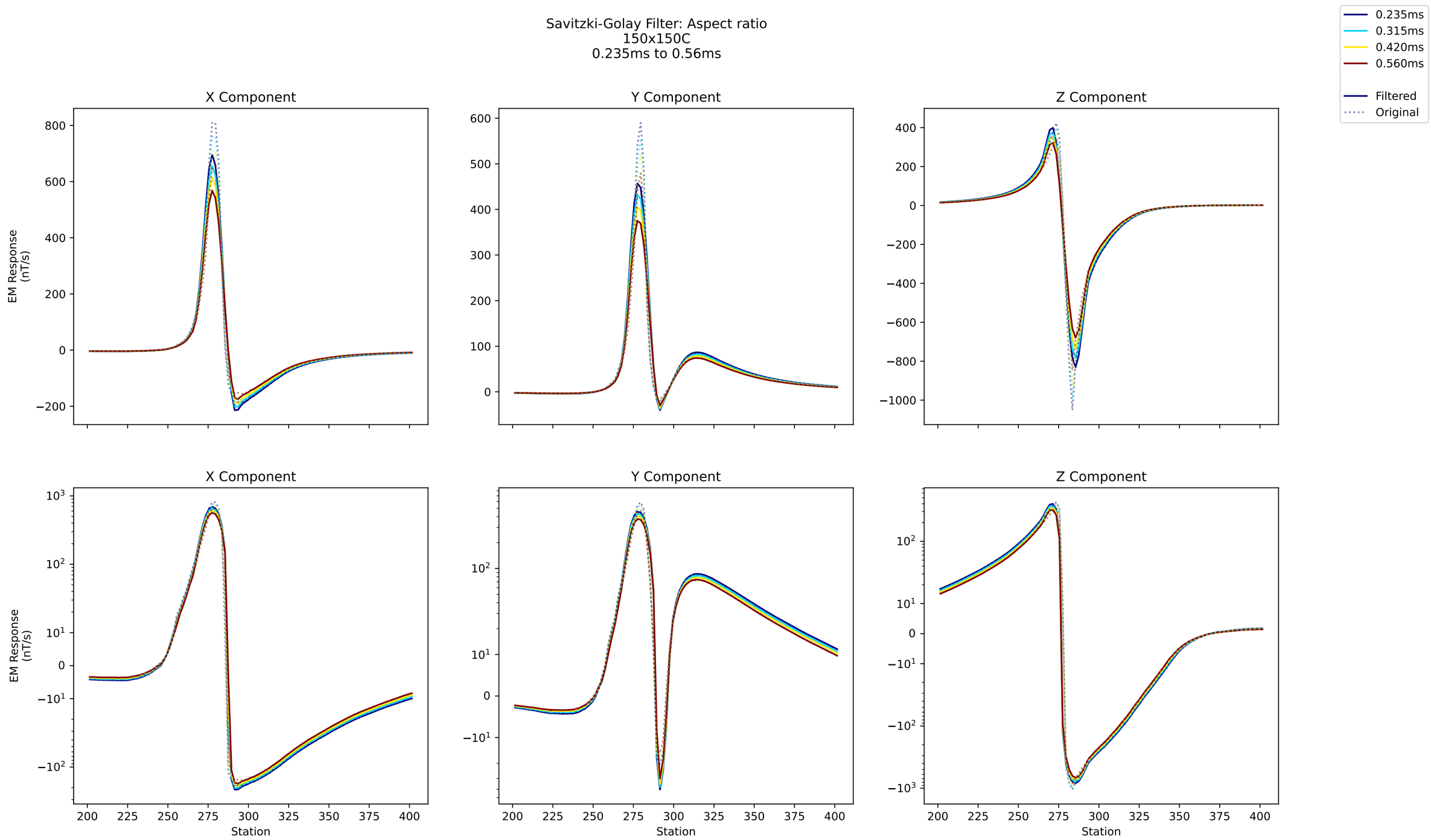

Savitzki-Golay Filter: Aspect ratio
150x150B
3.075ms to 7.205ms
3.075ms
4.085ms
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

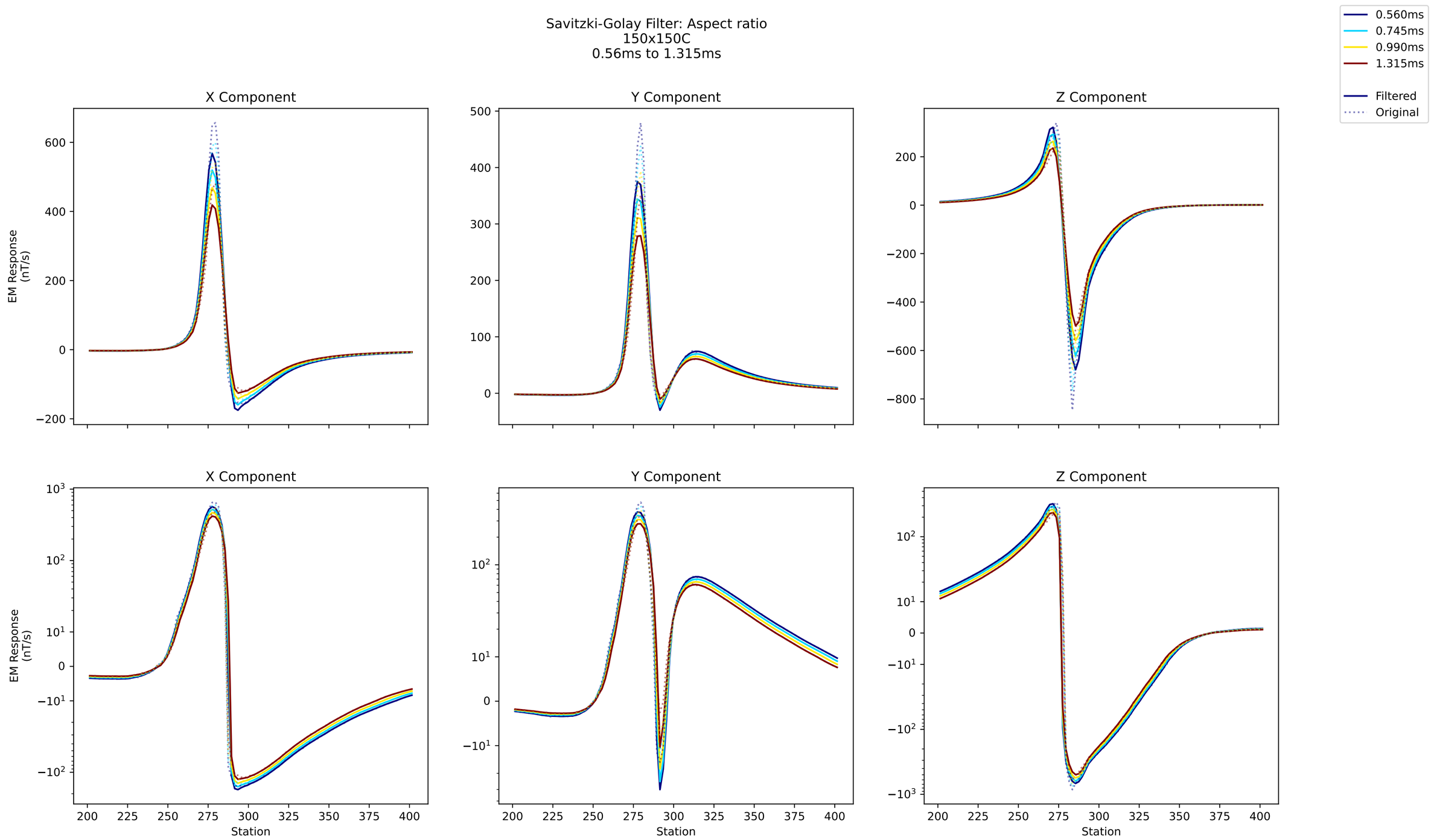

Savitzki-Golay Filter: Aspect ratio
150x150B
7.205ms to 22.73ms
7.205ms
9.570ms
12.660ms
22.730ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

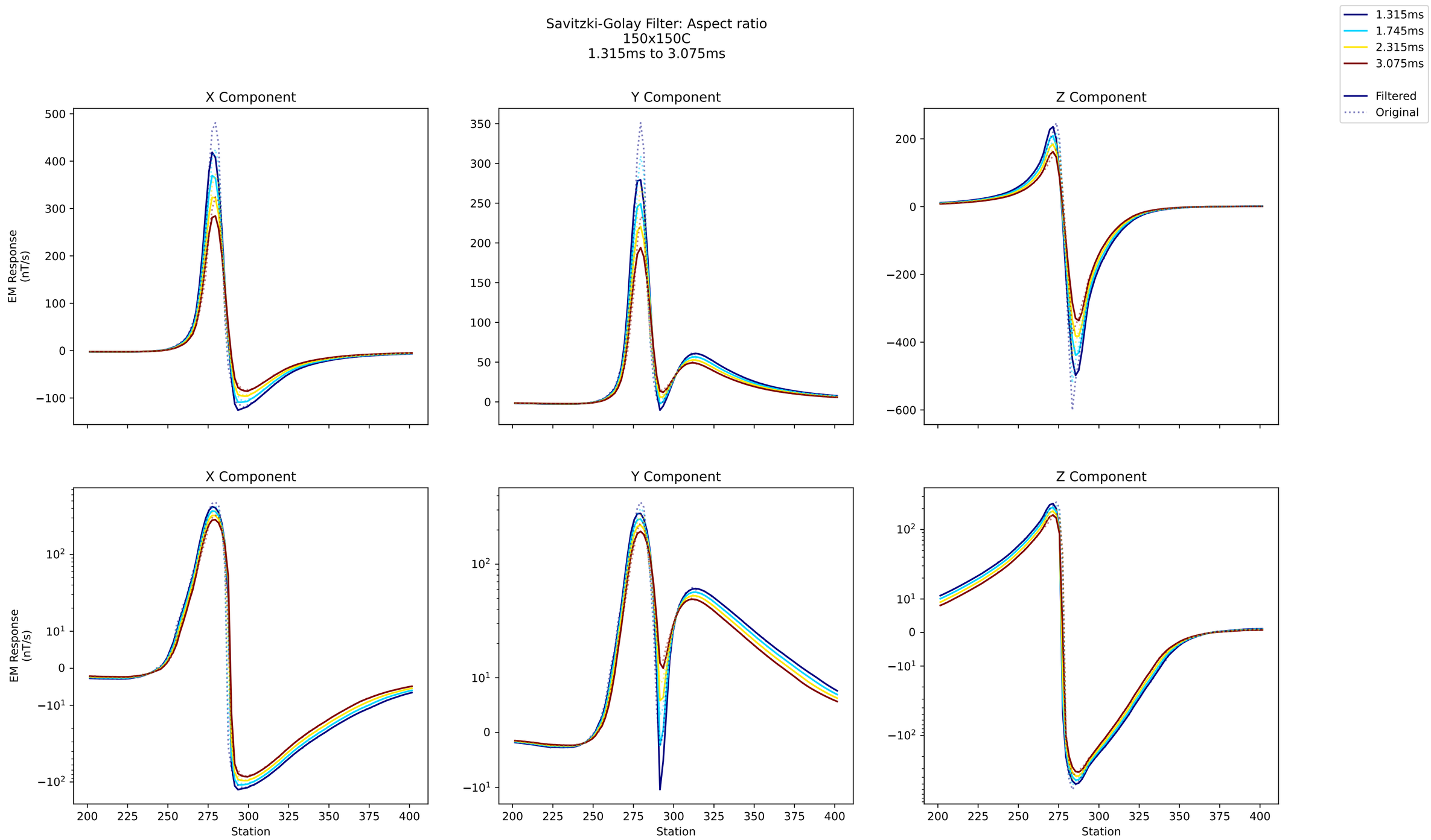

Savitzki-Golay Filter: Aspect ratio
150x150B
22.73ms to 48.115ms
22.730ms
39.395ms
48.115ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

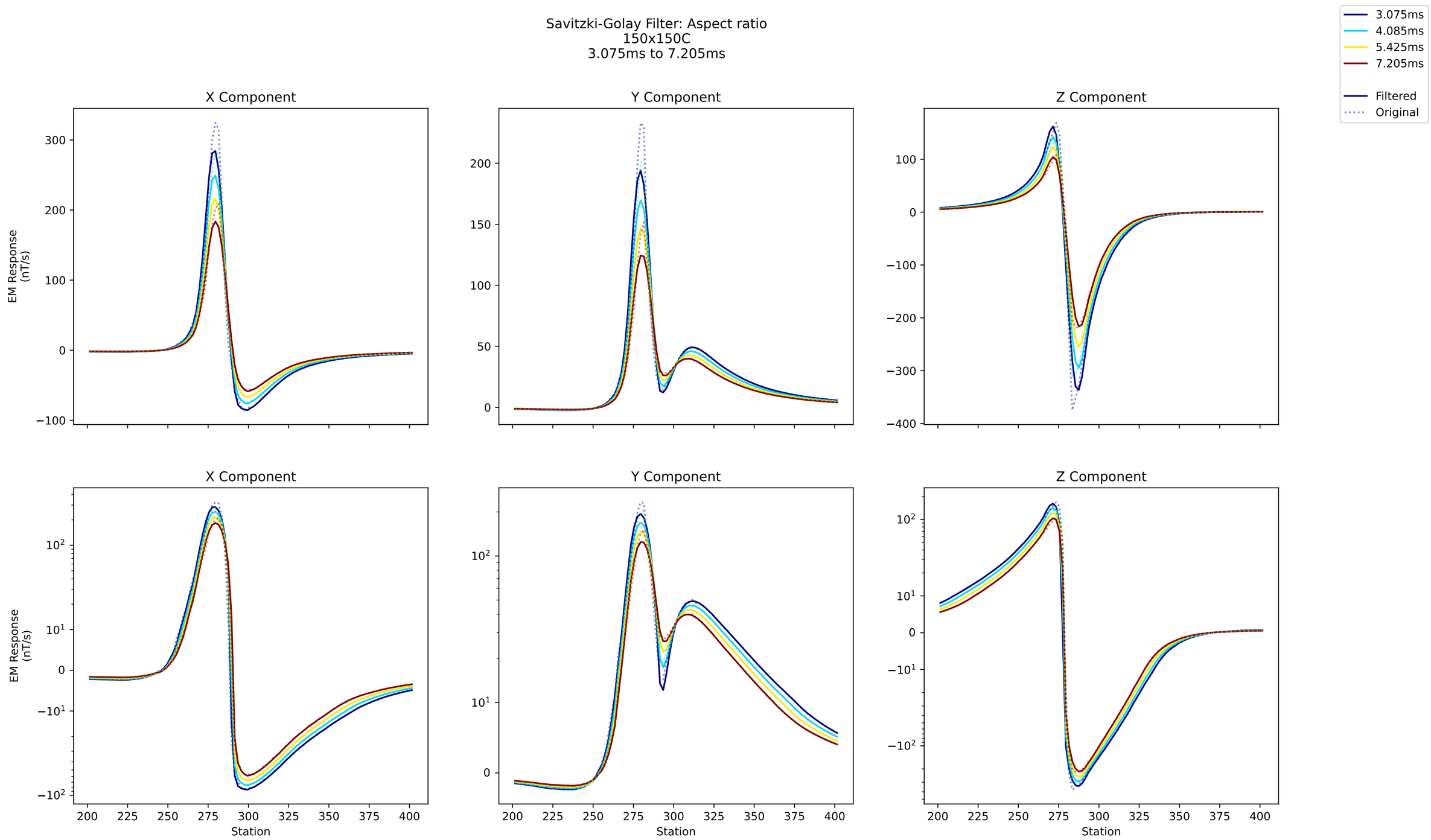

Savitzki-Golay Filter: Aspect ratio
150x150C
0.0255ms to 0.095ms
0.025ms
0.055ms
0.070ms
0.095ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

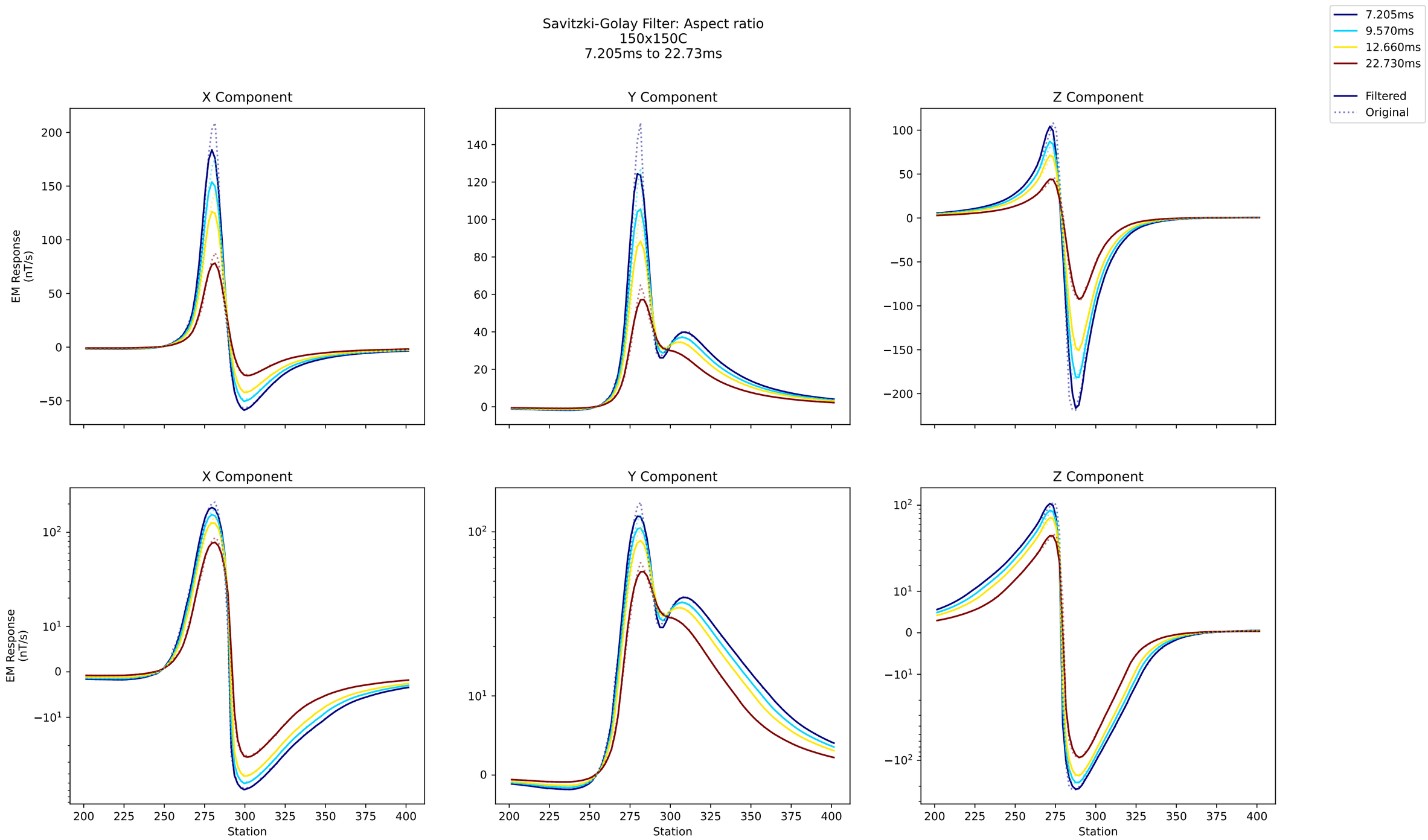

Savitzki-Golay Filter: Aspect ratio
150x150C
0.095ms to 0.235ms
0.095ms
0.130ms
0.175ms
0.235ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

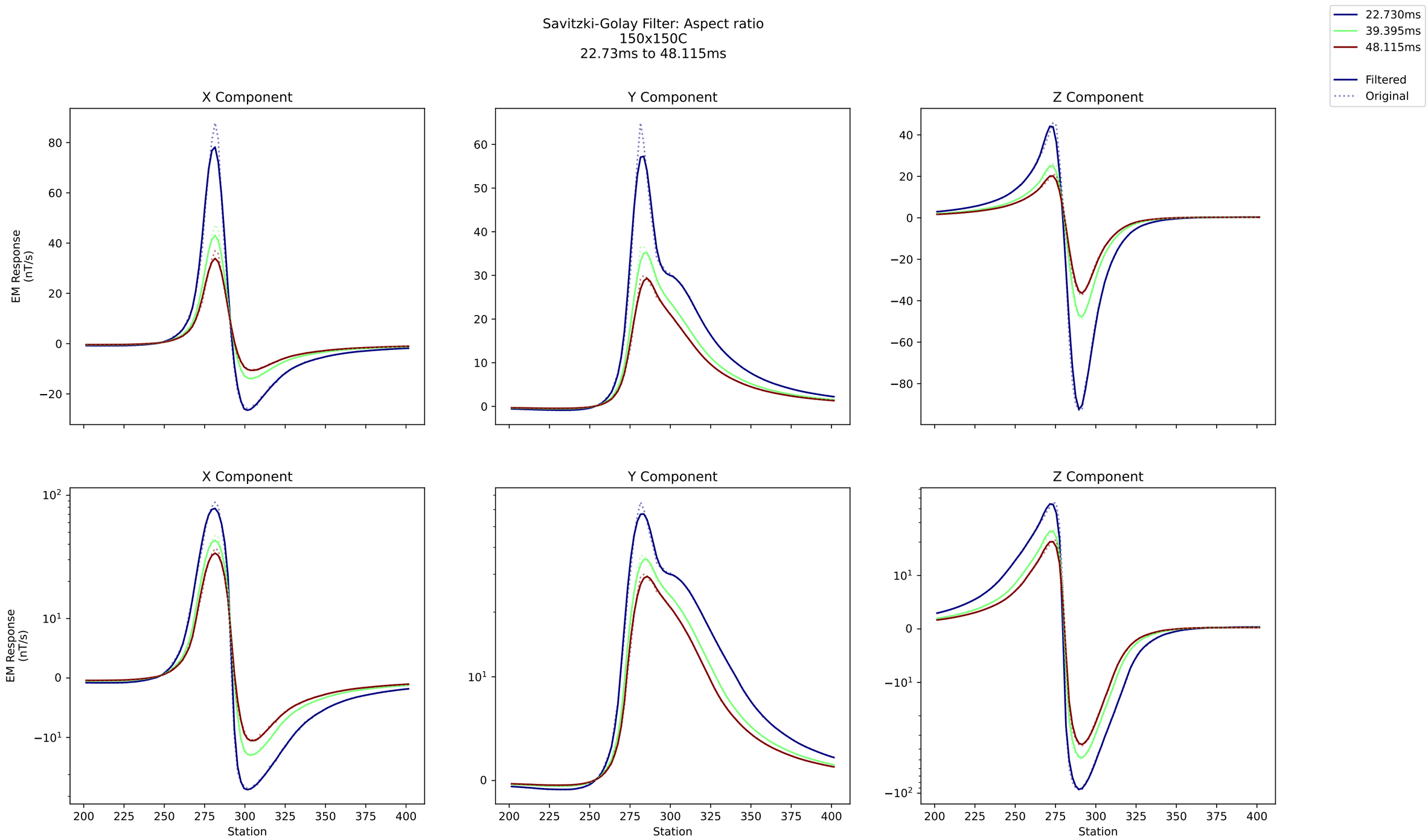

Savitzki-Golay Filter: Aspect ratio
150x150C
0.235ms to 0.56ms
0.235ms
0.315ms
0.420ms
0.560ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

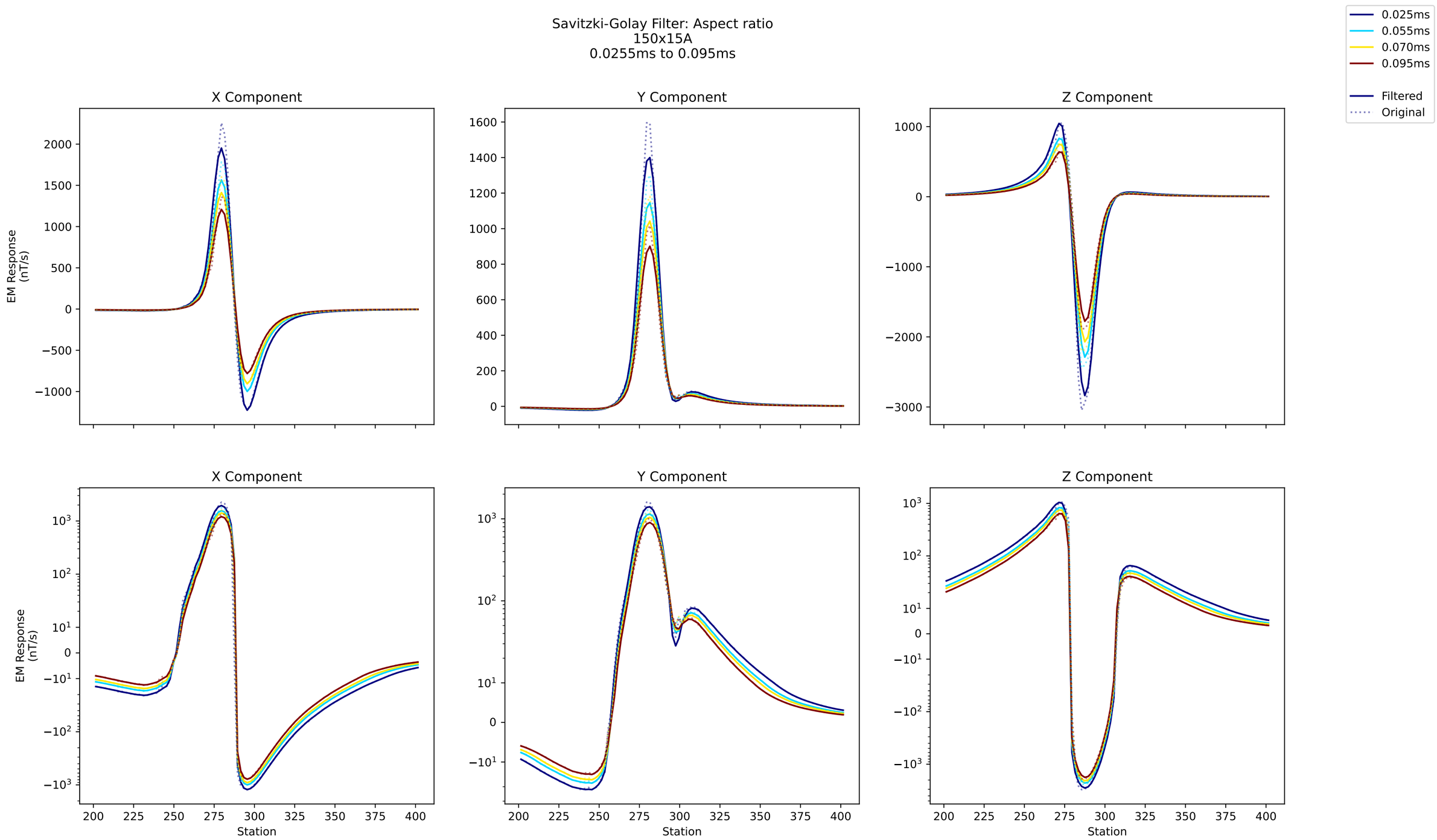

Savitzki-Golay Filter: Aspect ratio
150x150C
0.56ms to 1.315ms
0.560ms
0.745ms
0.990ms
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

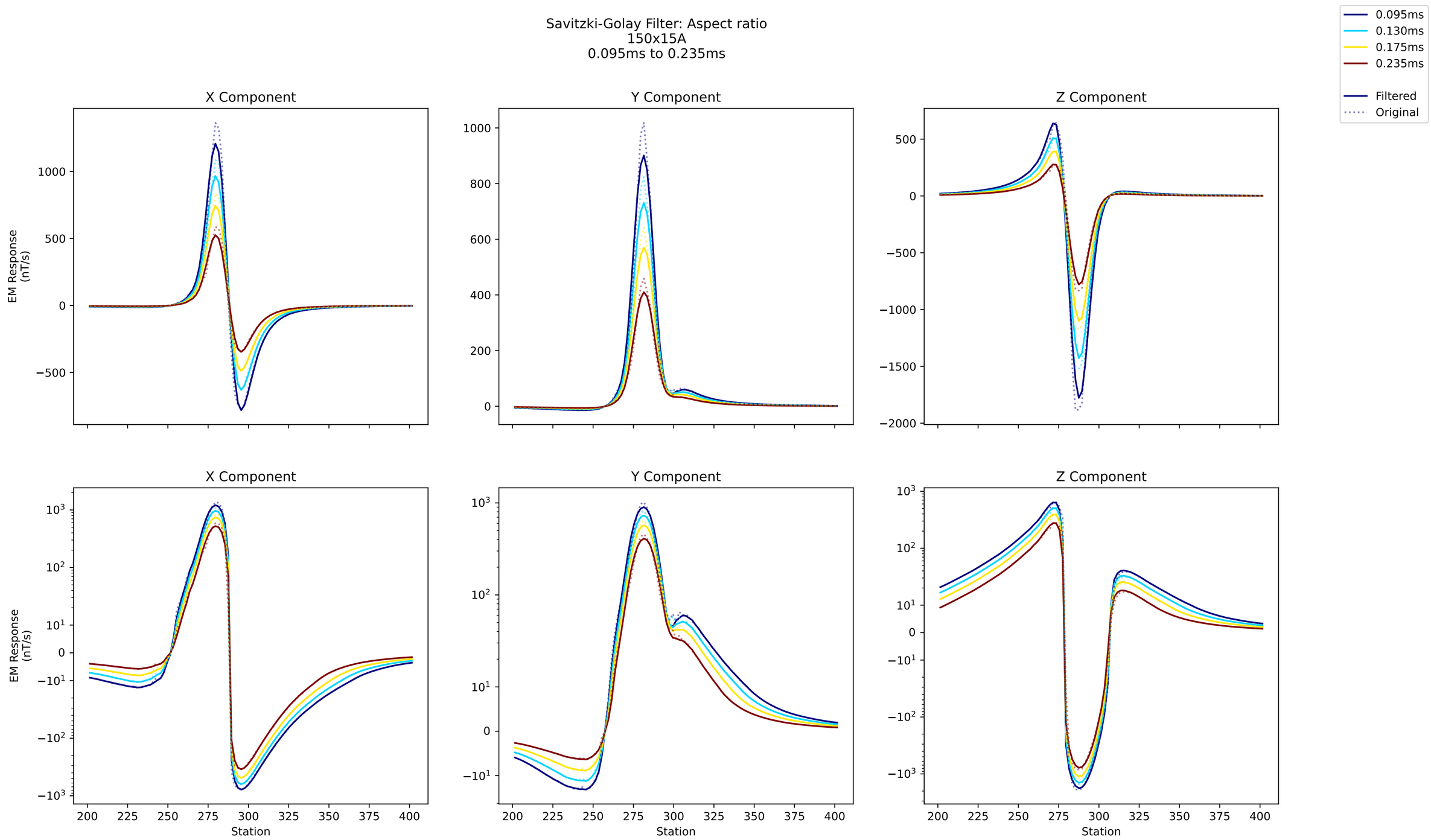

Savitzki-Golay Filter: Aspect ratio
150x150C
1.315ms to 3.075ms
1.315ms
1.745ms
2.315ms
3.075ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

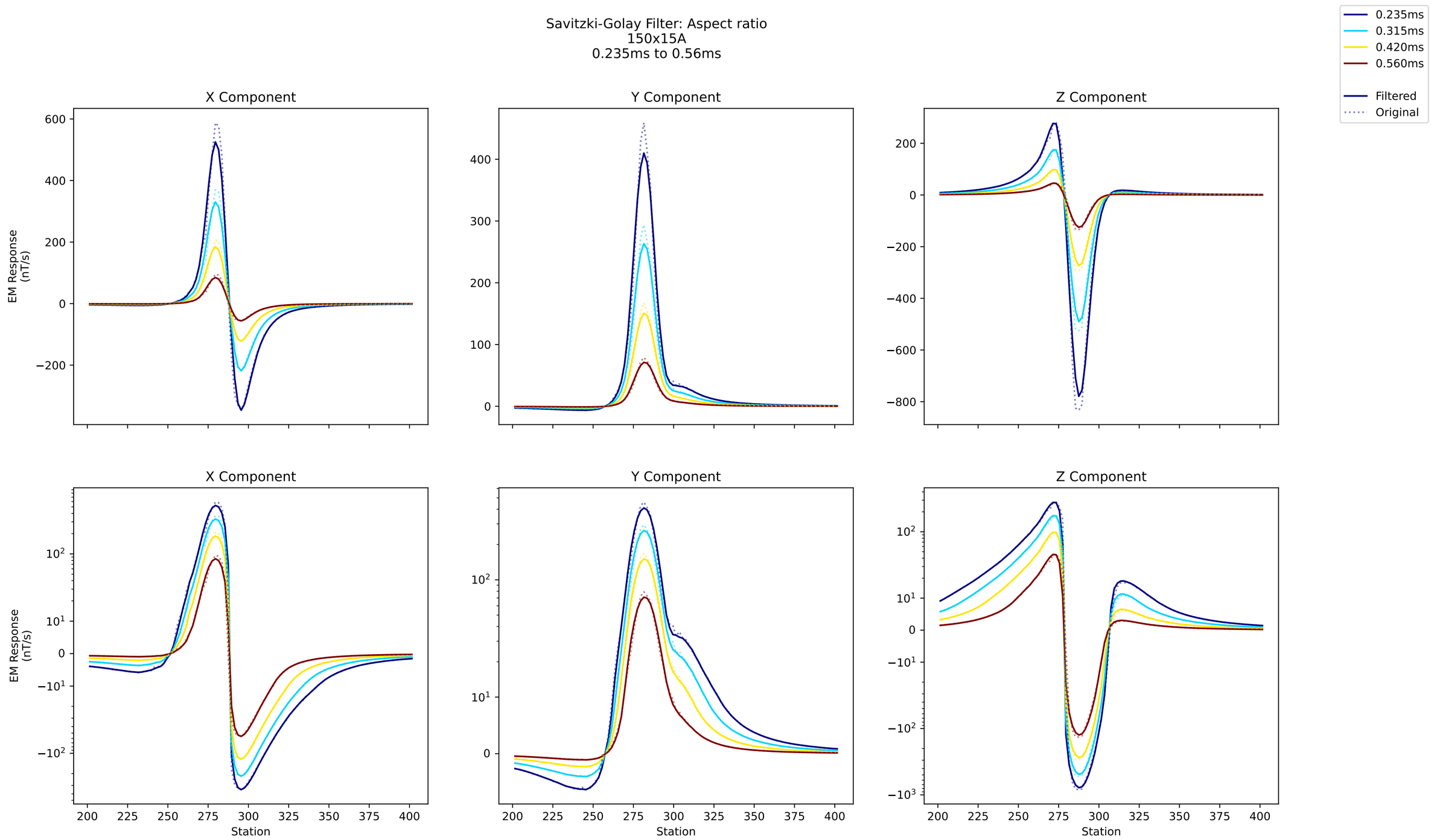

Savitzki-Golay Filter: Aspect ratio
150x150C
3.075ms to 7.205ms
3.075ms
4.085ms
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

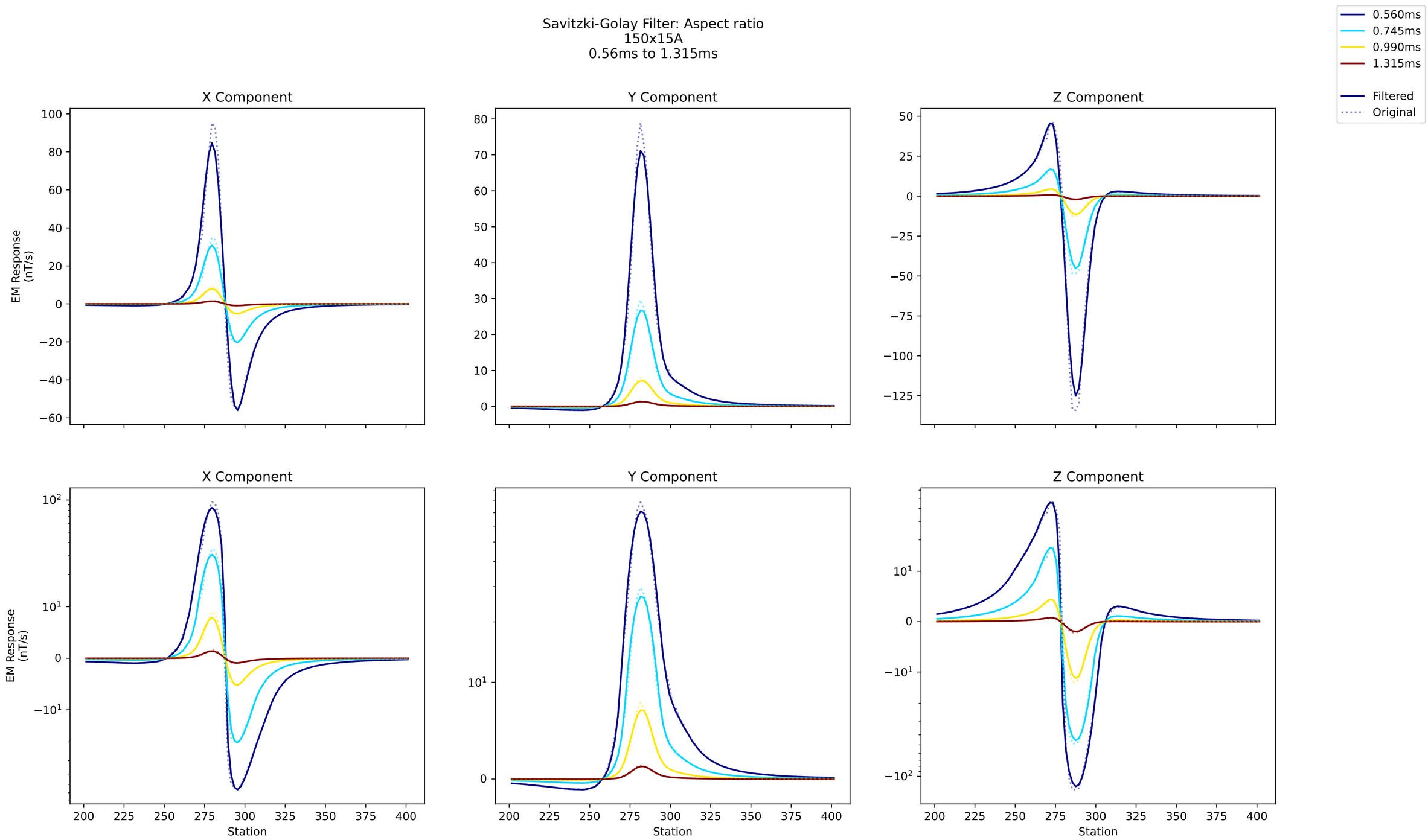

Savitzki-Golay Filter: Aspect ratio
150x150C
7.205ms to 22.73ms
7.205ms
9.570ms
12.660ms
22.730ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

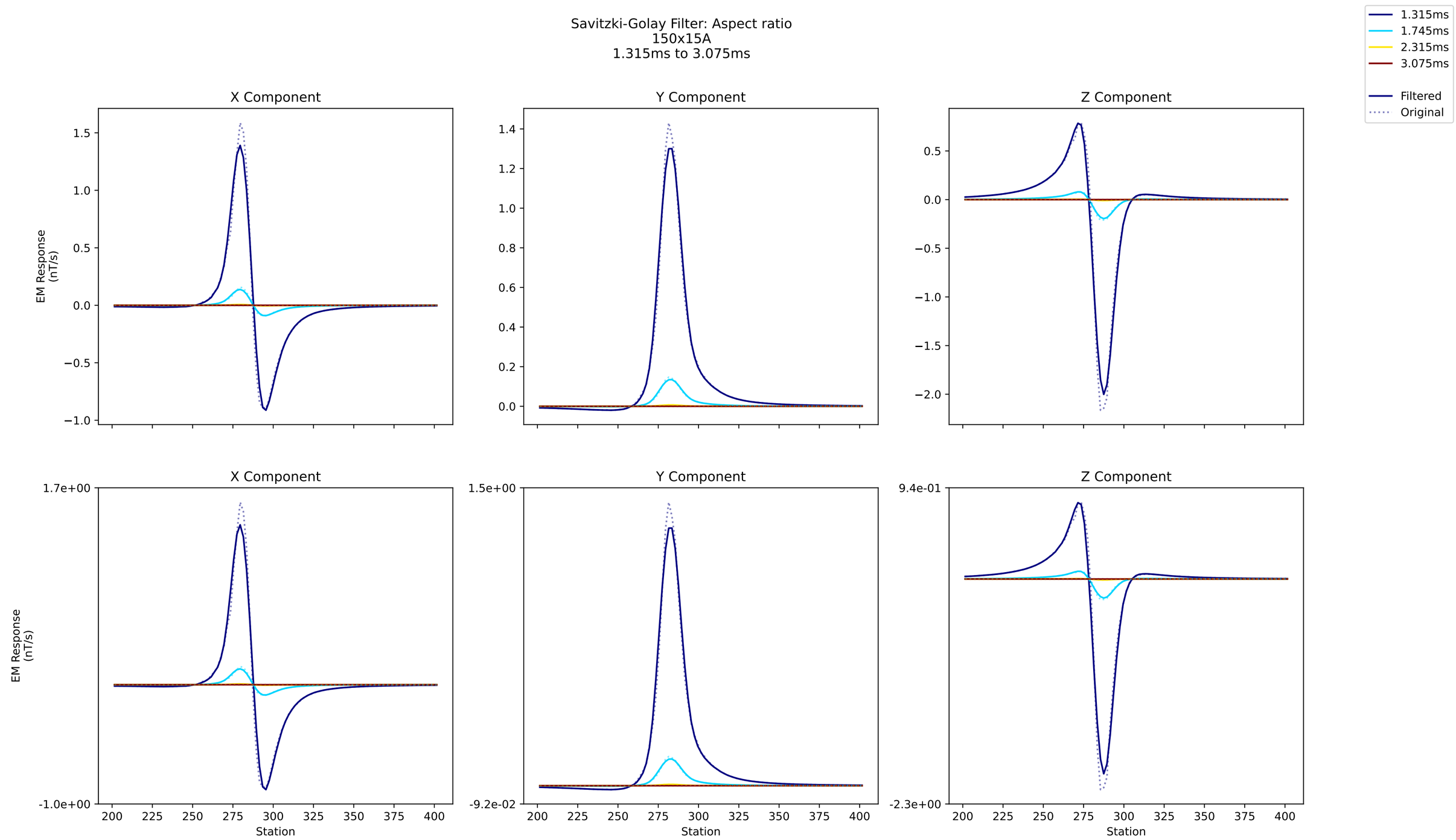

Savitzki-Golay Filter: Aspect ratio
150x150C
22.73ms to 48.115ms
22.730ms
39.395ms
48.115ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

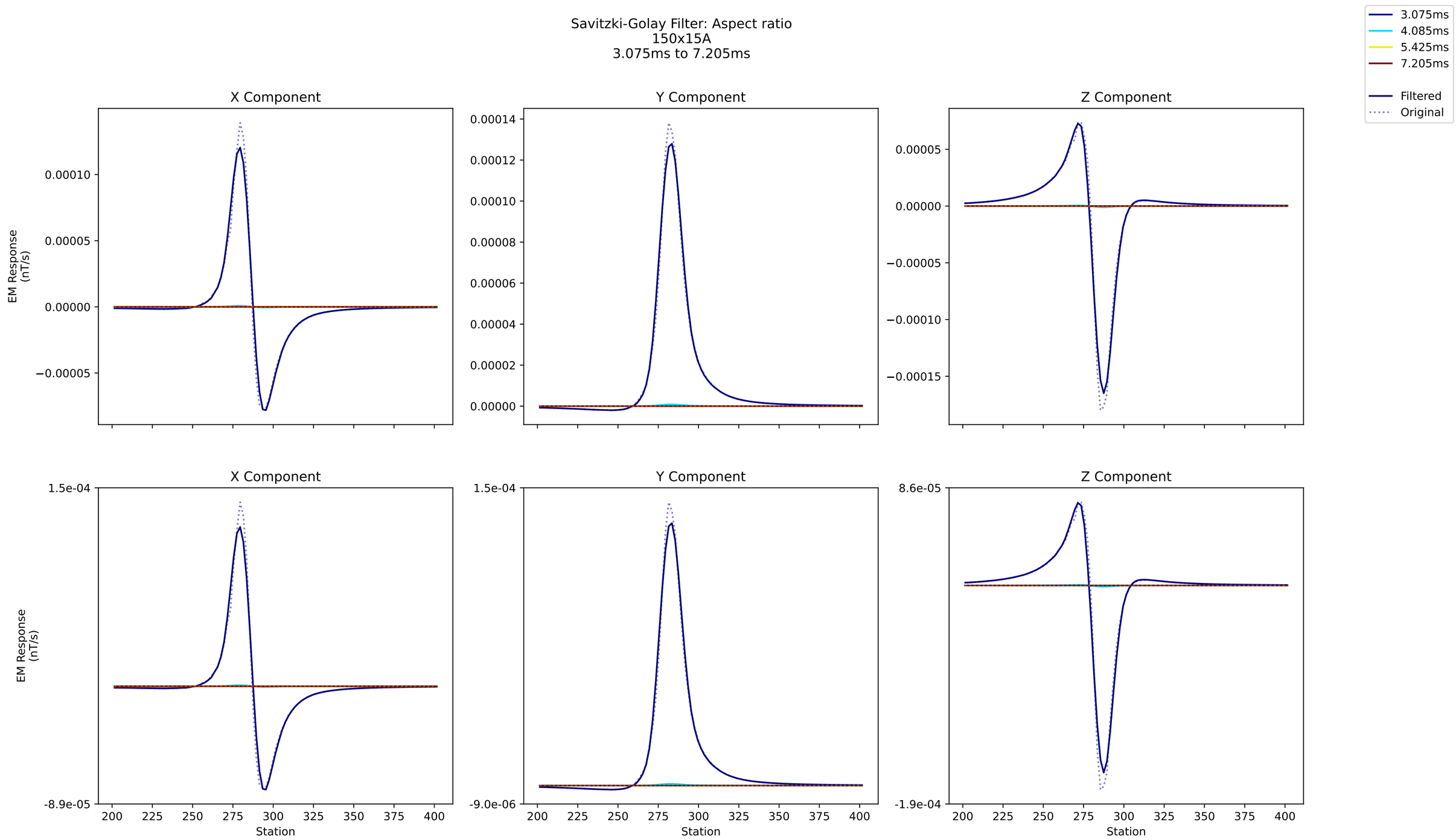

Savitzki-Golay Filter: Aspect ratio
150x15A
0.0255ms to 0.095ms
0.025ms
0.055ms
0.070ms
0.095ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

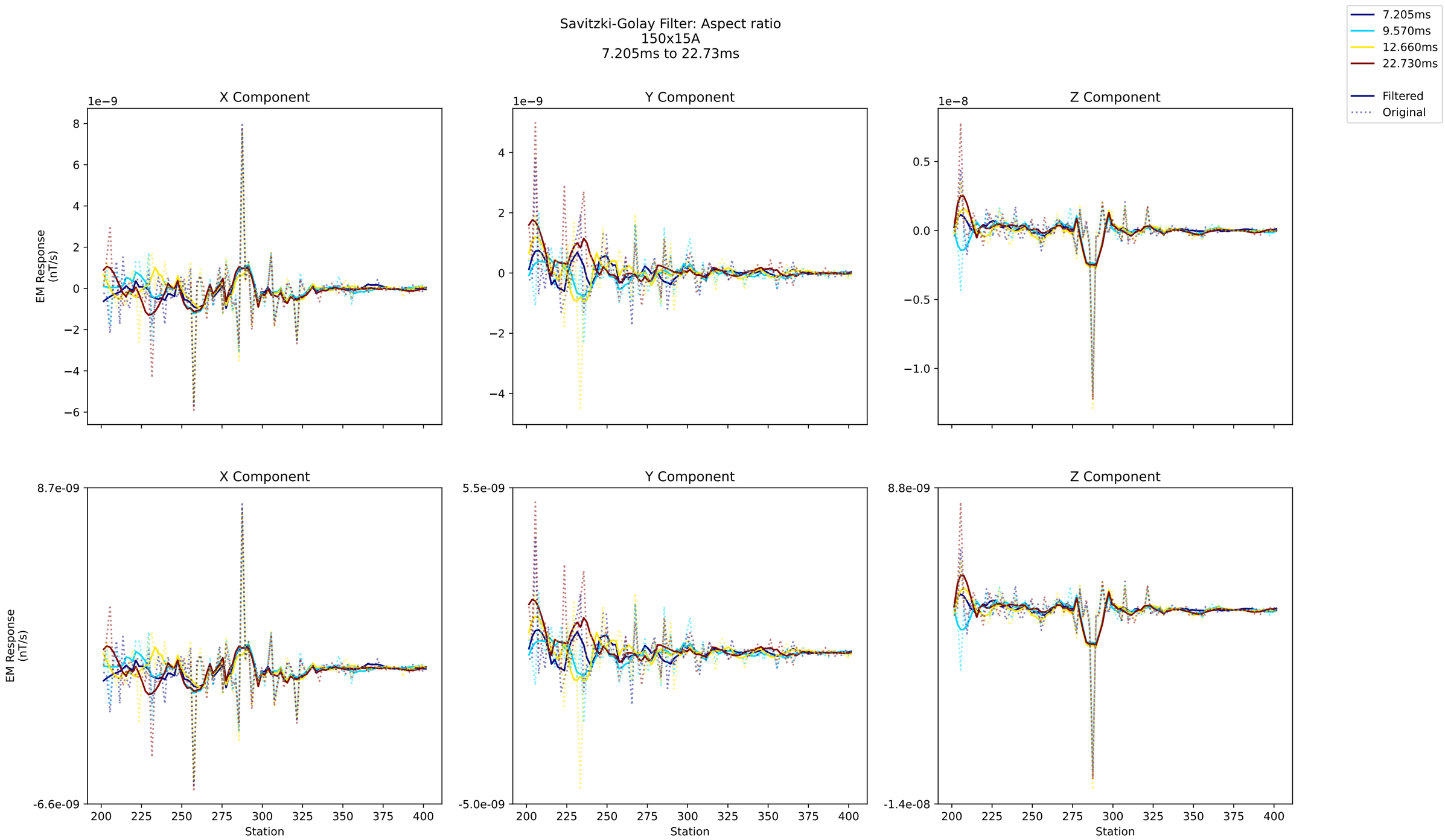

Savitzki-Golay Filter: Aspect ratio
150x15A
0.095ms to 0.235ms
0.095ms
0.130ms
0.175ms
0.235ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

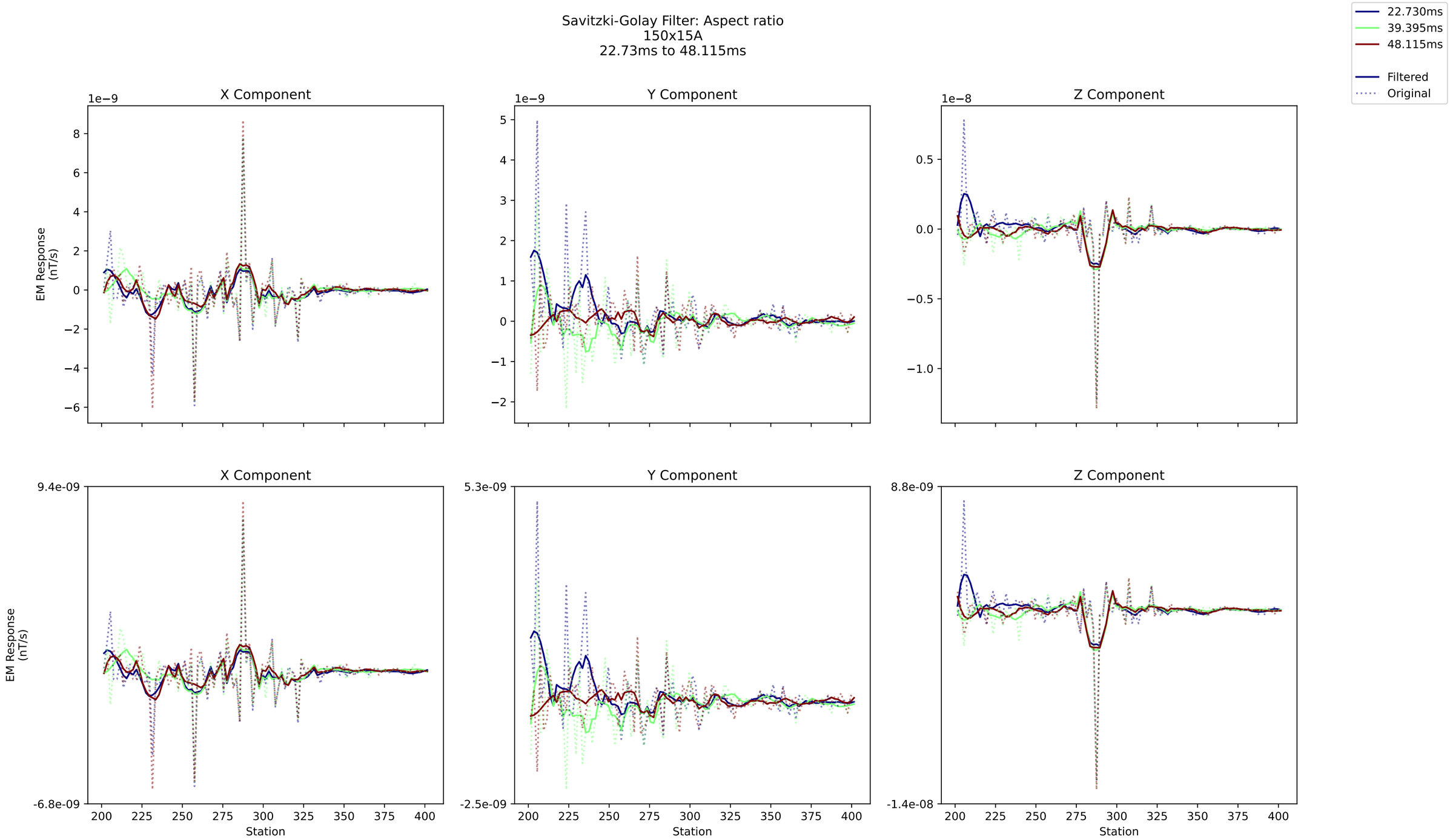

Savitzki-Golay Filter: Aspect ratio
150x15A
0.235ms to 0.56ms
0.235ms
0.315ms
0.420ms
0.560ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

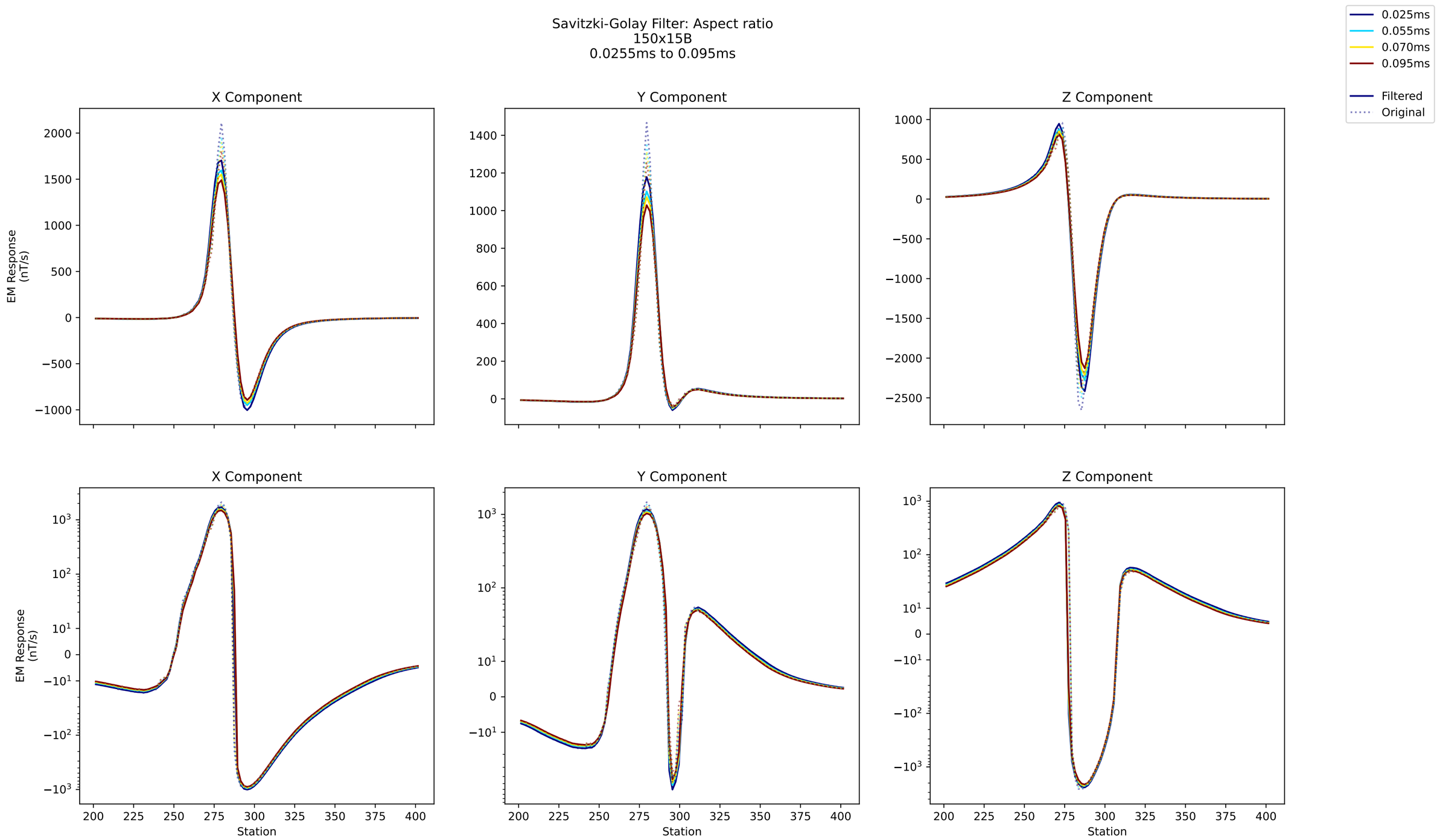

Savitzki-Golay Filter: Aspect ratio
150x15A
0.56ms to 1.315ms
0.560ms
0.745ms
0.990ms
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

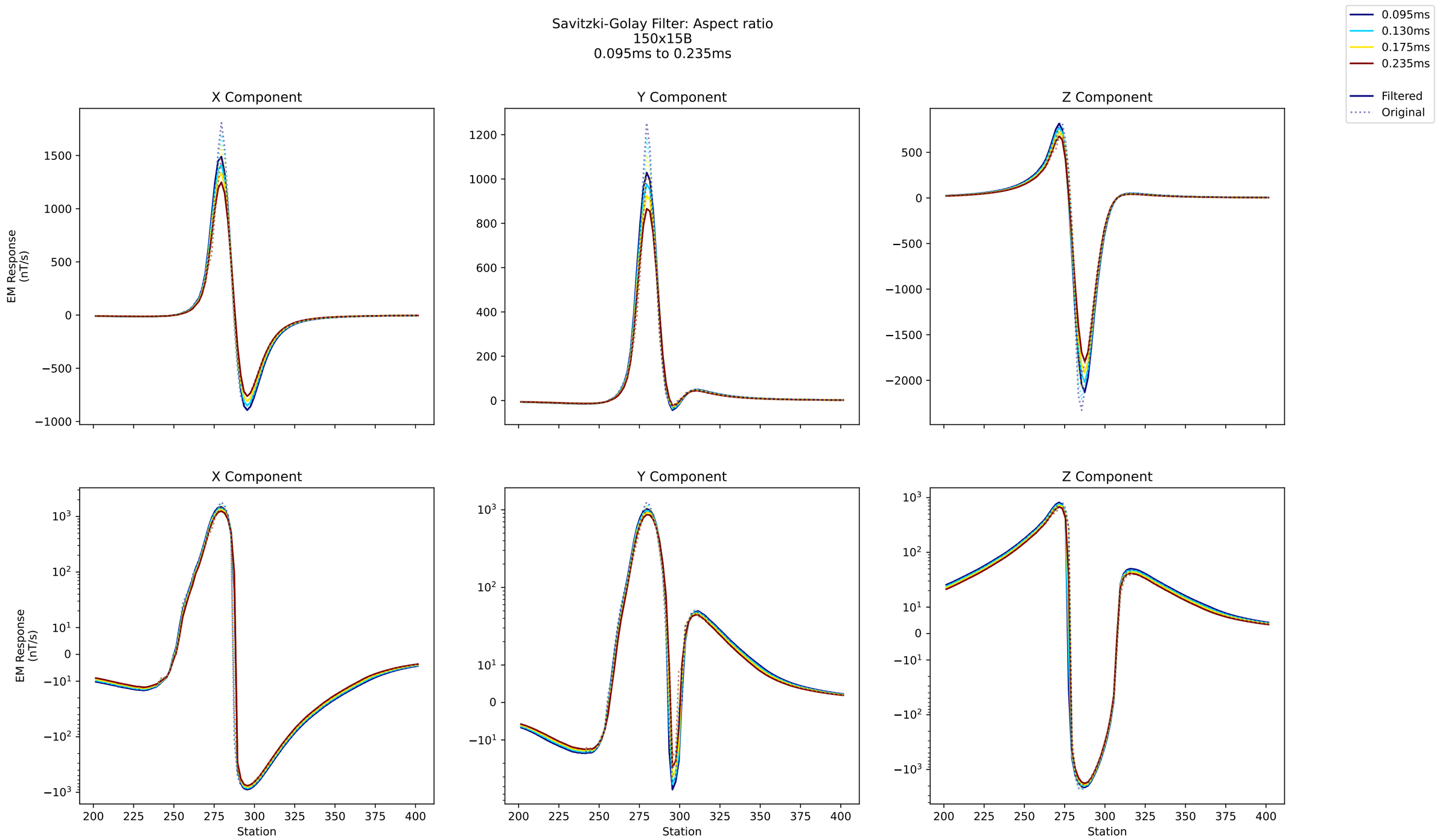

Savitzki-Golay Filter: Aspect ratio
150x15A
1.315ms to 3.075ms
1.315ms
1.745ms
2.315ms
3.075ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
1.5
1.0
0.5
0.0
−0.5
−1.0
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
1.7e+00
-1.0e+00
1.5e+00
-9.2e-02
9.4e-01
-2.3e+00
200
225
250
275
300
325
350
375
400
Station

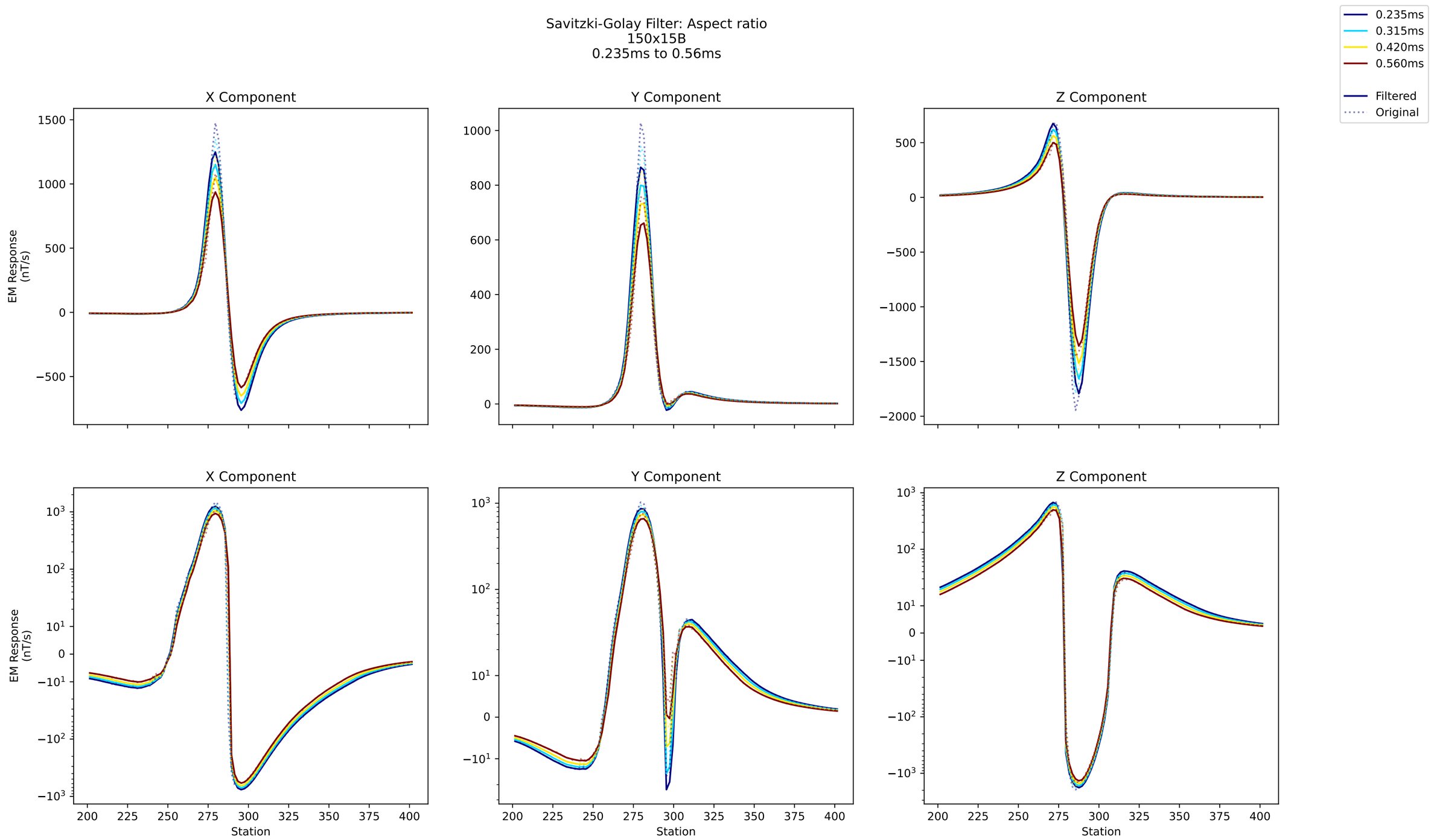

Savitzki-Golay Filter: Aspect ratio
150x15A
3.075ms to 7.205ms
3.075ms
4.085ms
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
0.00010
0.00005
0.00000
−0.00005
0.00014
0.00012
0.00010
0.00008
0.00006
0.00004
0.00002
0.00000
0.00005
0.00000
−0.00005
−0.00010
−0.00015
1.5e-04
-8.9e-05
1.5e-04
-9.0e-06
8.6e-05
-1.9e-04
200
225
250
275
300
325
350
375
400
Station

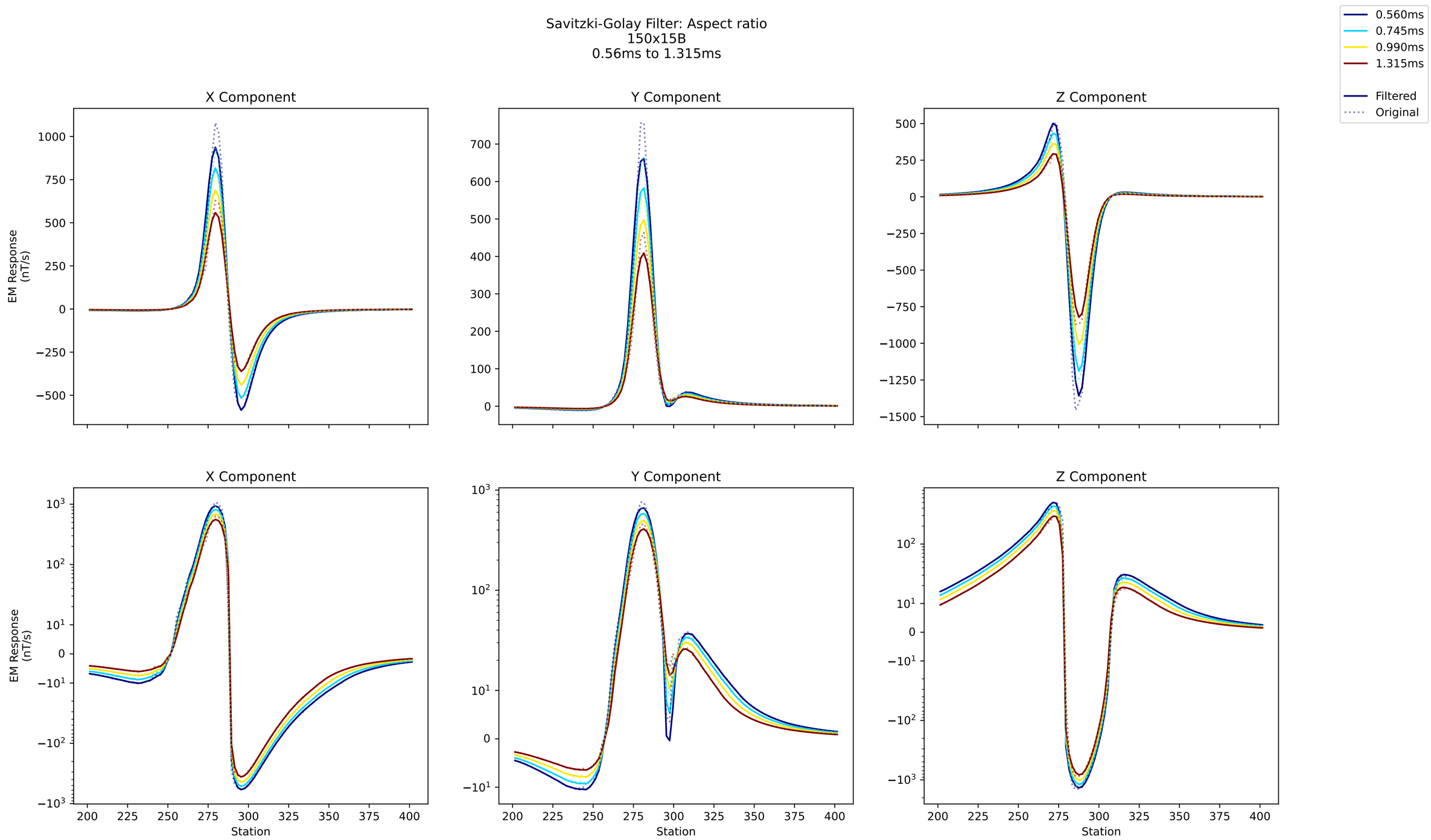

Savitzki-Golay Filter: Aspect ratio
150x15A
7.205ms to 22.73ms
7.205ms
9.570ms
12.660ms
22.730ms
Filtered
Original
X Component
Y Component
Z Component
1e−9
1e−9
1e−8
EM Response
(nT/s)
8.7e-09
-6.6e-09
5.5e-09
-5.0e-09
8.8e-09
-1.4e-08
200
225
250
275
300
325
350
375
400
Station

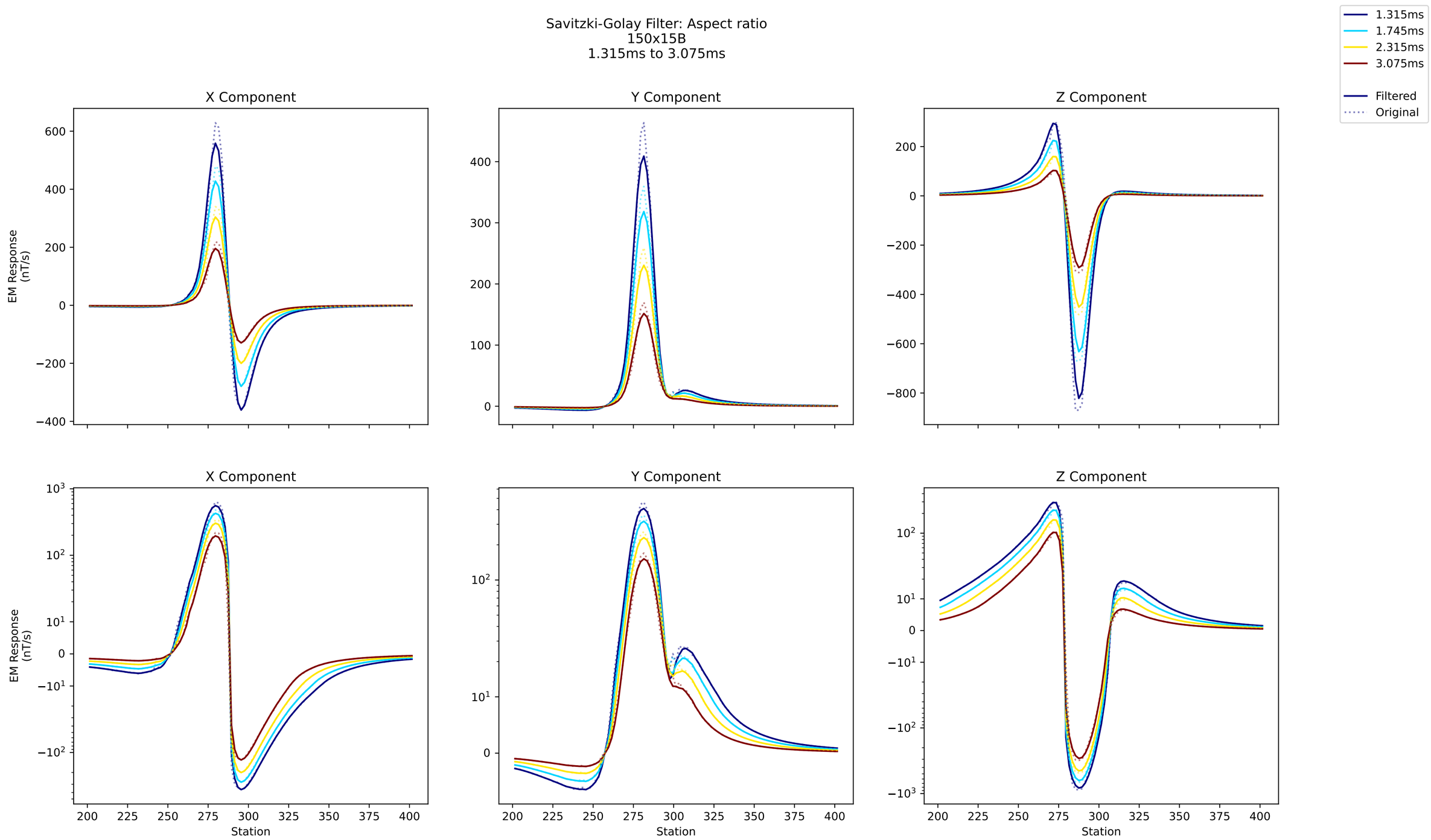

Savitzki-Golay Filter: Aspect ratio
150x15A
22.73ms to 48.115ms
22.730ms
39.395ms
48.115ms
Filtered
Original
X Component
Y Component
Z Component
1e−9
1e−9
1e−8
EM Response
(nT/s)
9.4e-09
-6.8e-09
5.3e-09
-2.5e-09
8.8e-09
-1.4e-08
200
225
250
275
300
325
350
375
400
Station

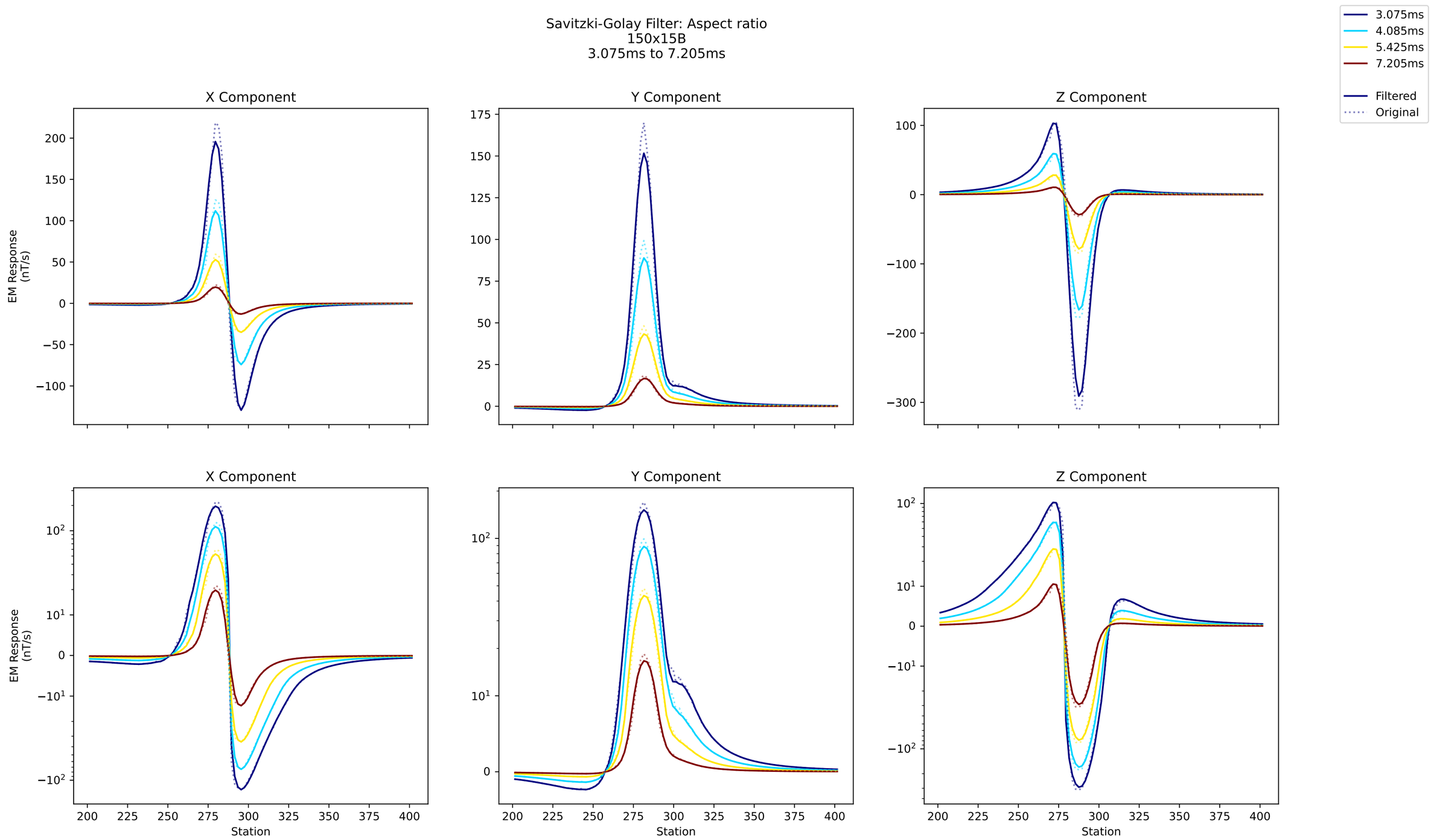

Savitzki-Golay Filter: Aspect ratio
150x15B
0.0255ms to 0.095ms
0.025ms
0.055ms
0.070ms
0.095ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

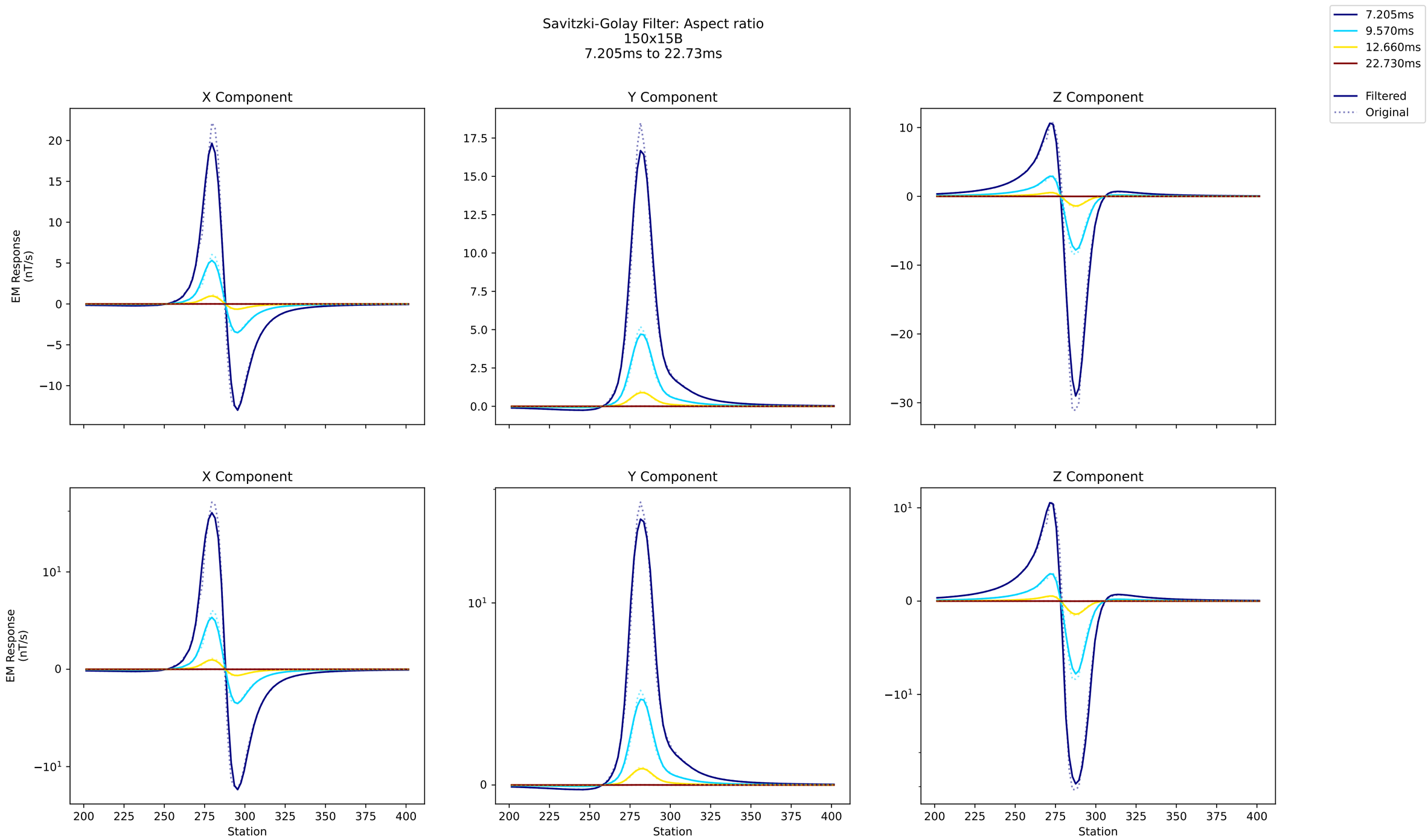

Savitzki-Golay Filter: Aspect ratio
150x15B
0.095ms to 0.235ms
0.095ms
0.130ms
0.175ms
0.235ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

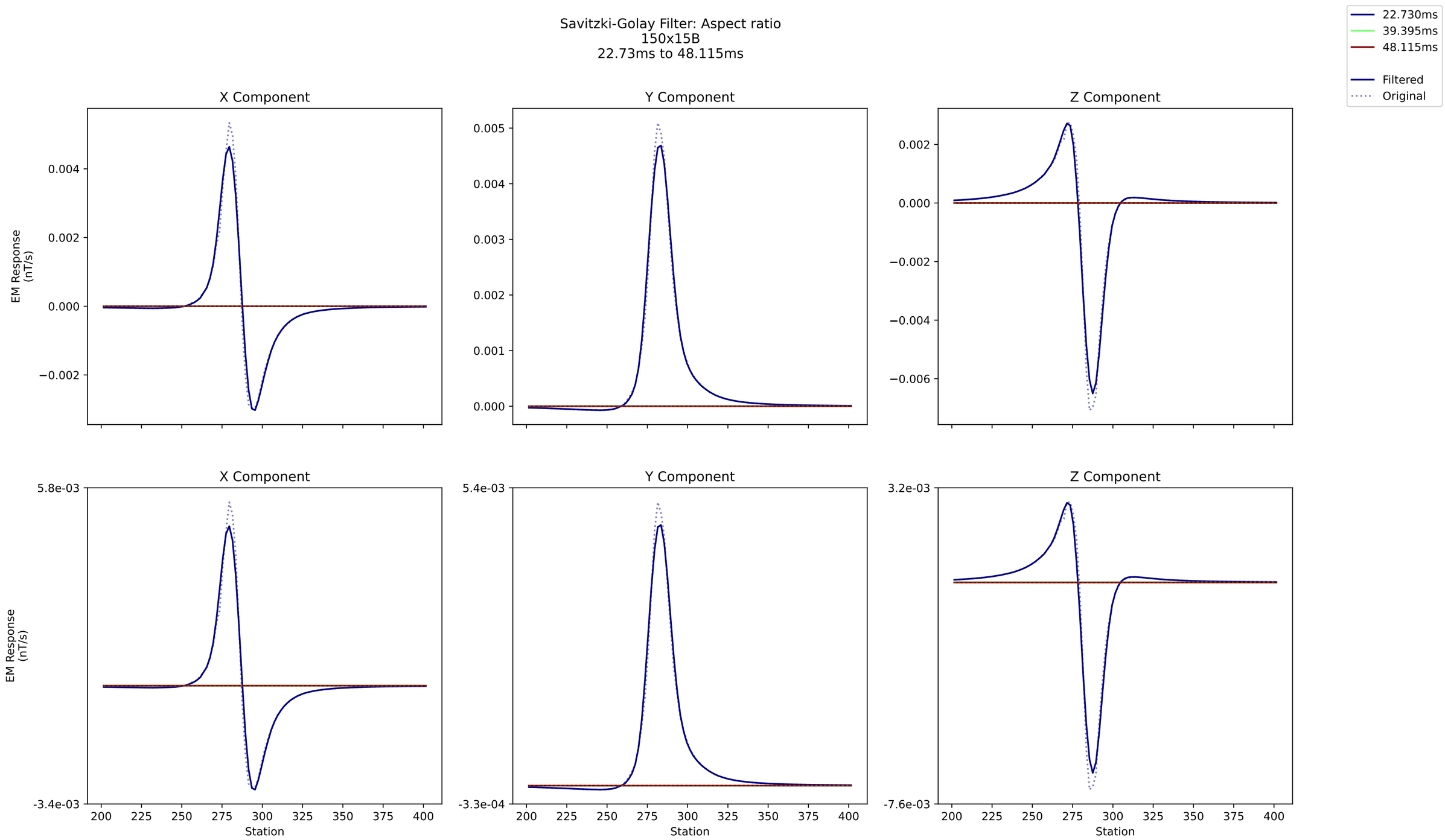

Savitzki-Golay Filter: Aspect ratio
150x15B
0.235ms to 0.56ms
0.235ms
0.315ms
0.420ms
0.560ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

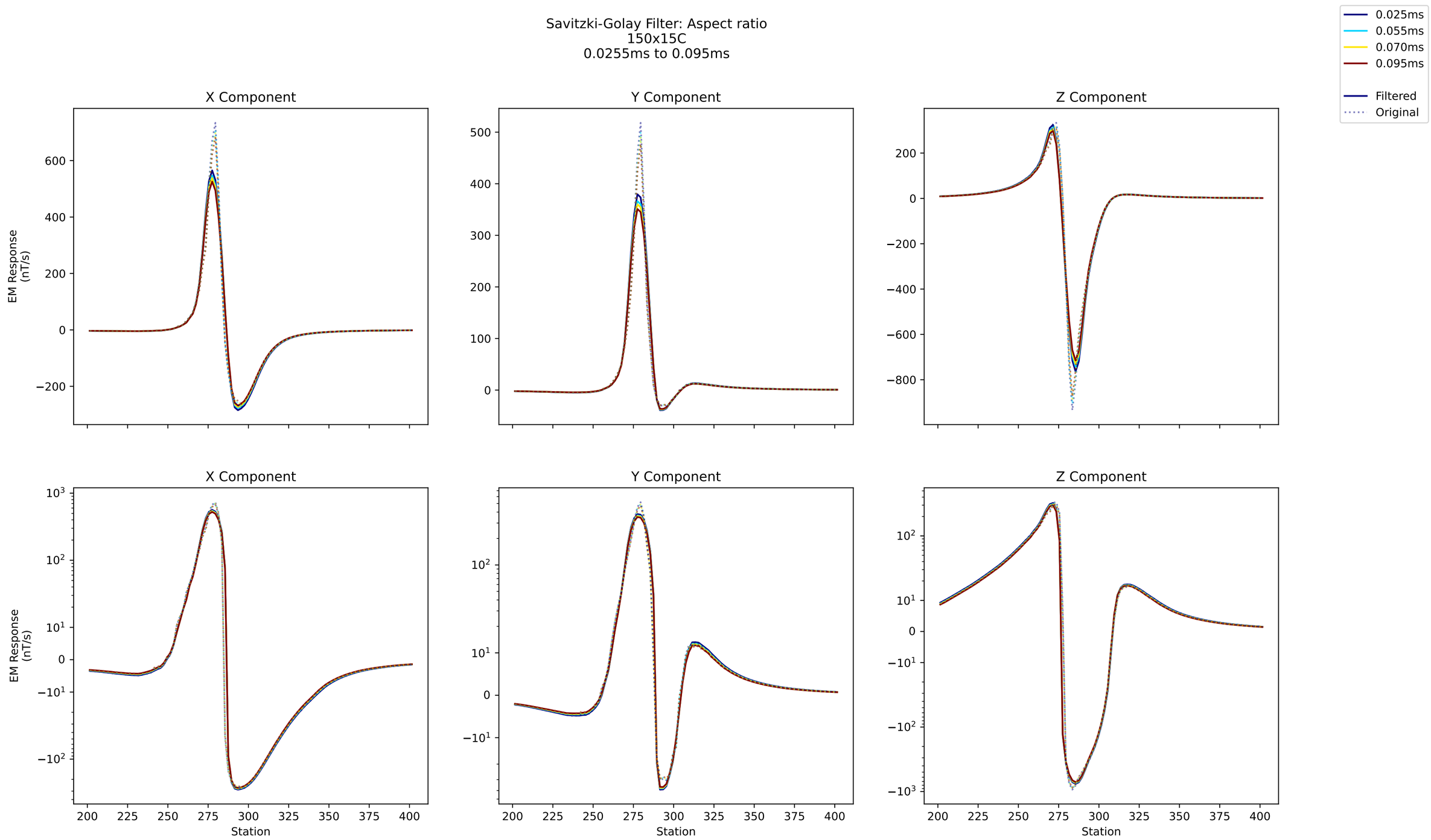

Savitzki-Golay Filter: Aspect ratio
150x15B
0.56ms to 1.315ms
0.560ms
0.745ms
0.990ms
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

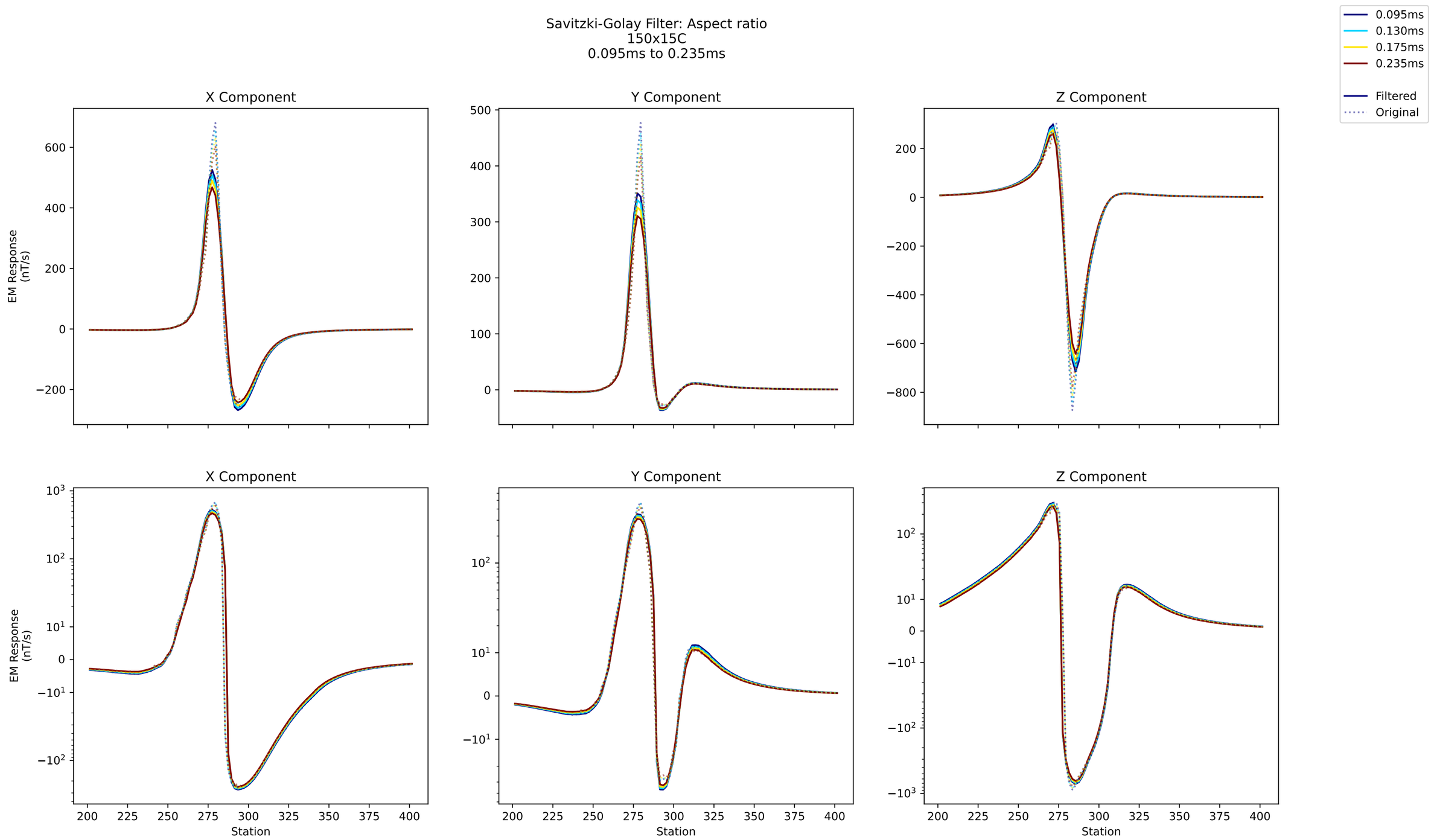

Savitzki-Golay Filter: Aspect ratio
150x15B
1.315ms to 3.075ms
1.315ms
1.745ms
2.315ms
3.075ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

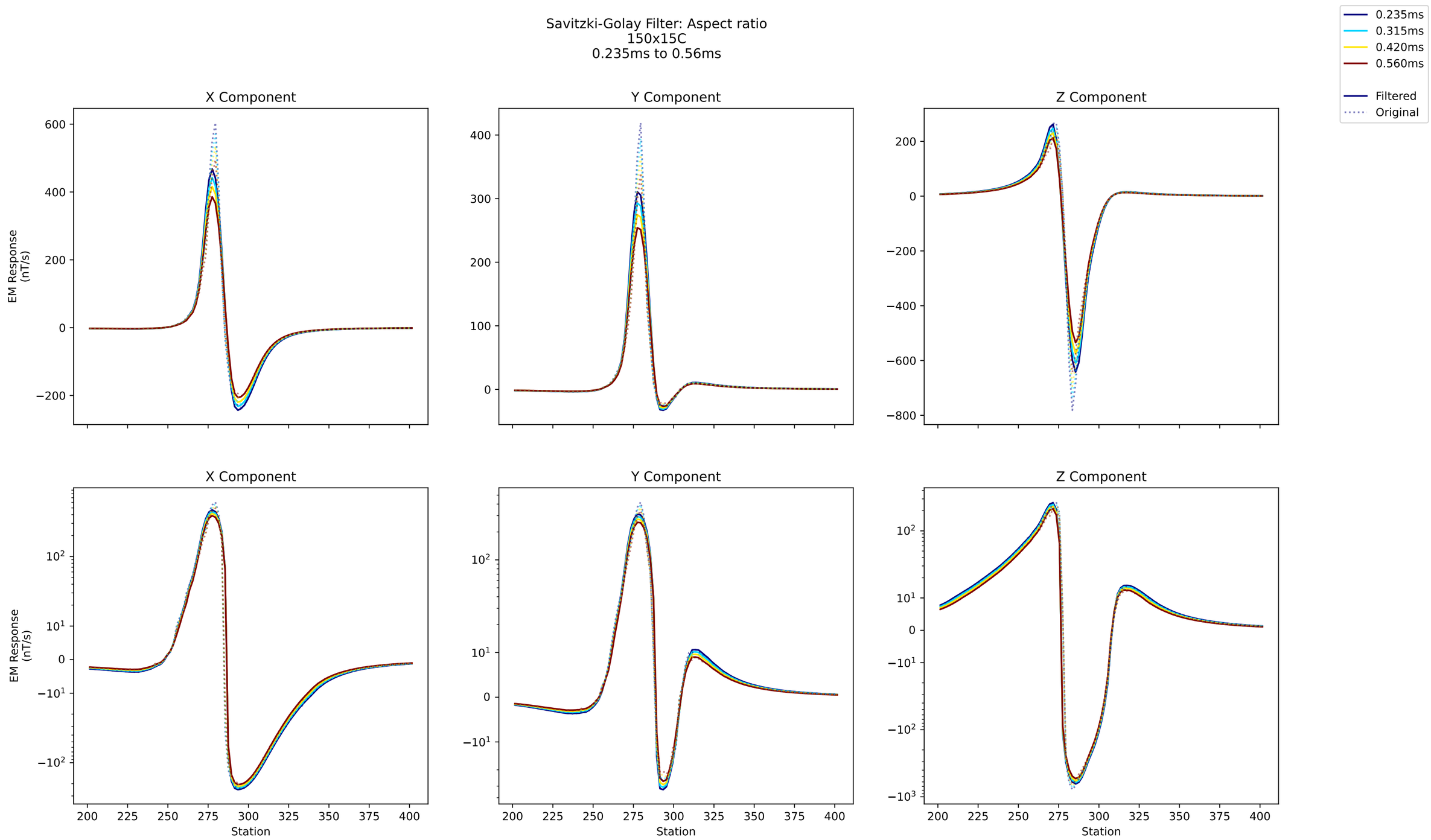

Savitzki-Golay Filter: Aspect ratio
150x15B
3.075ms to 7.205ms
3.075ms
4.085ms
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

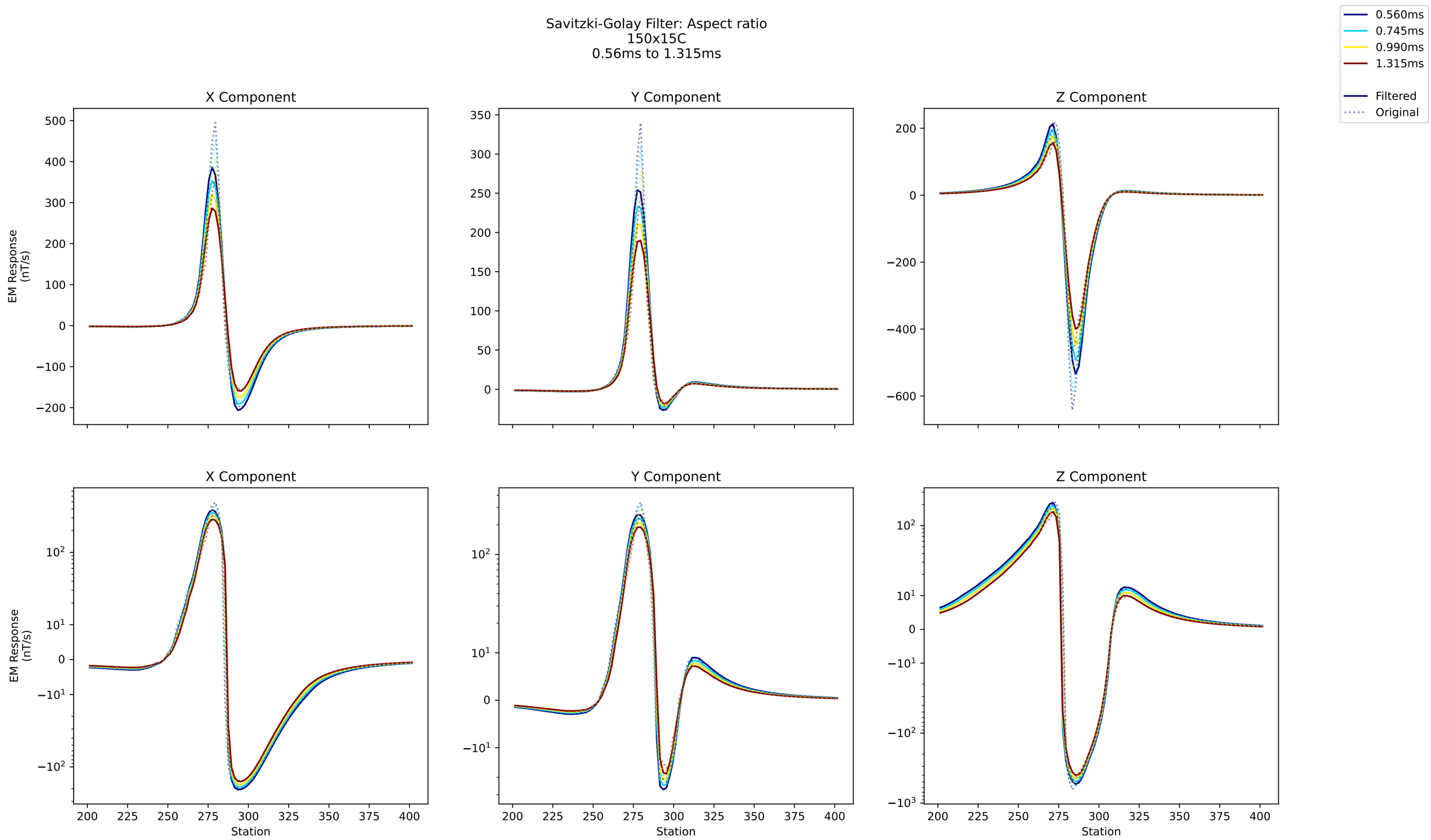

Savitzki-Golay Filter: Aspect ratio
150x15B
7.205ms to 22.73ms
7.205ms
9.570ms
12.660ms
22.730ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

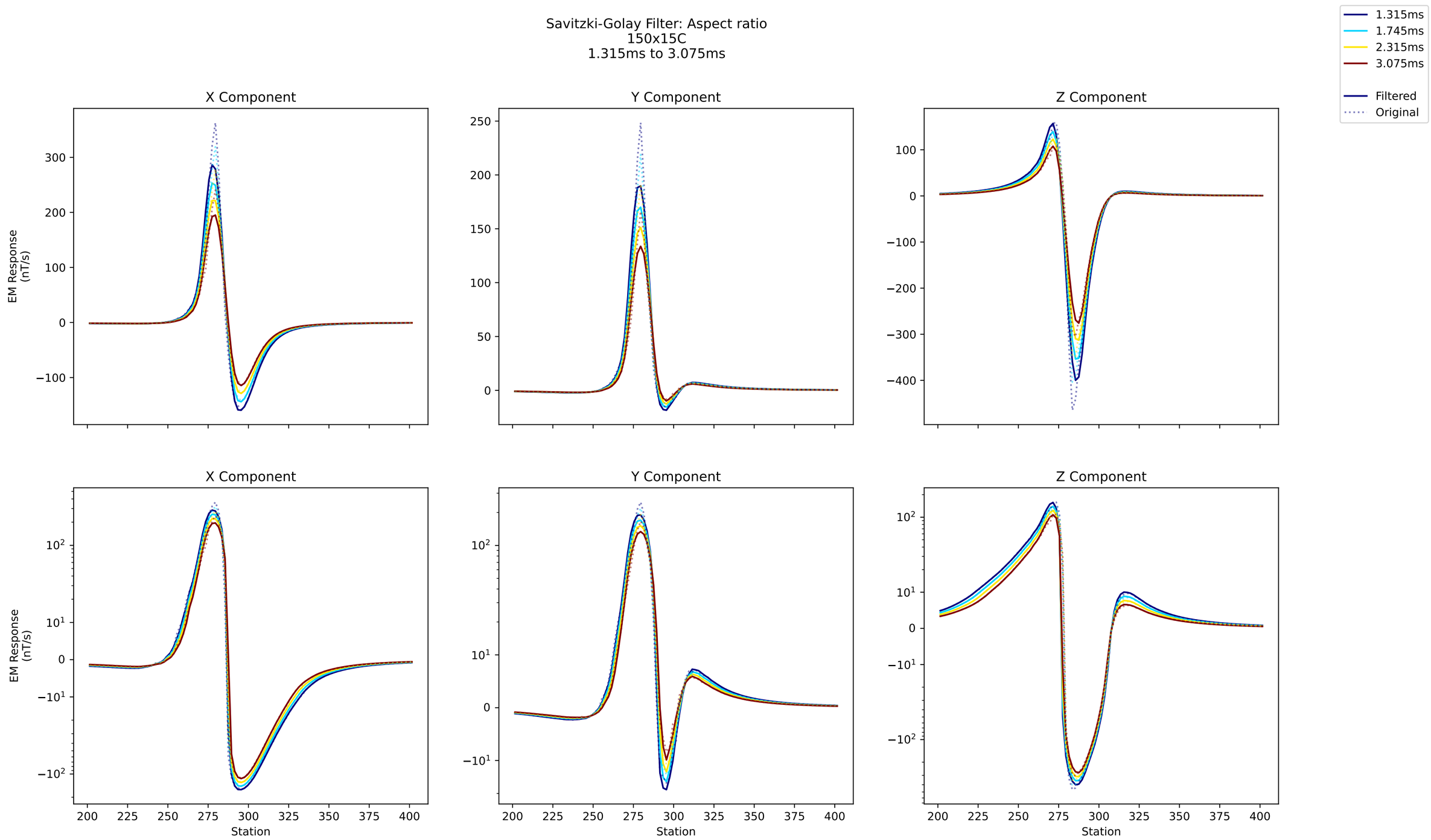

Savitzki-Golay Filter: Aspect ratio
150x15B
22.73ms to 48.115ms
22.730ms
39.395ms
48.115ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
0.004
0.002
0.000
−0.002
0.005
0.004
0.003
0.002
0.001
0.000
0.002
0.000
−0.002
−0.004
−0.006
5.8e-03
-3.4e-03
5.4e-03
-3.3e-04
3.2e-03
-7.6e-03
200
225
250
275
300
325
350
375
400
Station

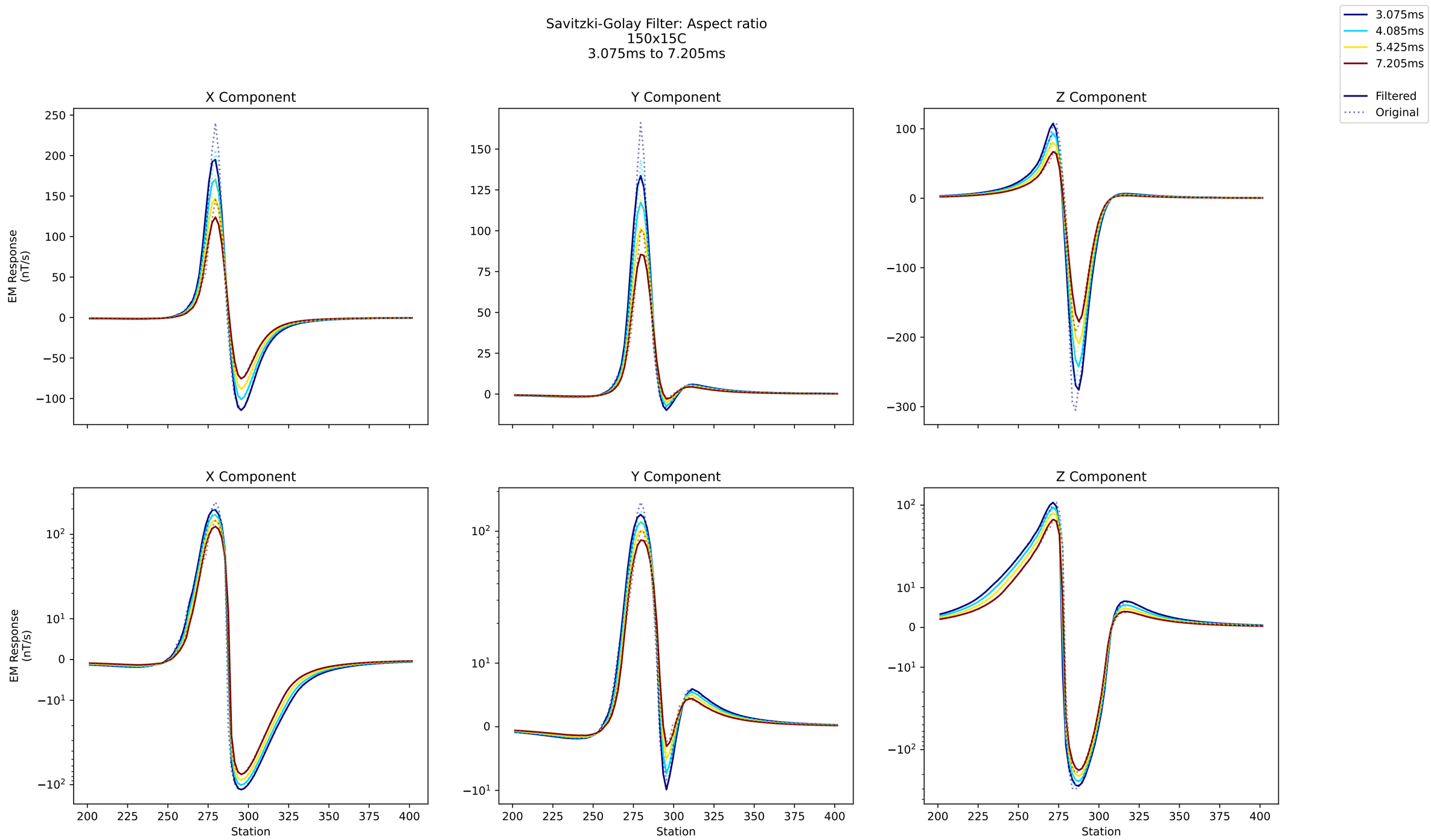

Savitzki-Golay Filter: Aspect ratio
150x15C
0.0255ms to 0.095ms
0.025ms
0.055ms
0.070ms
0.095ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

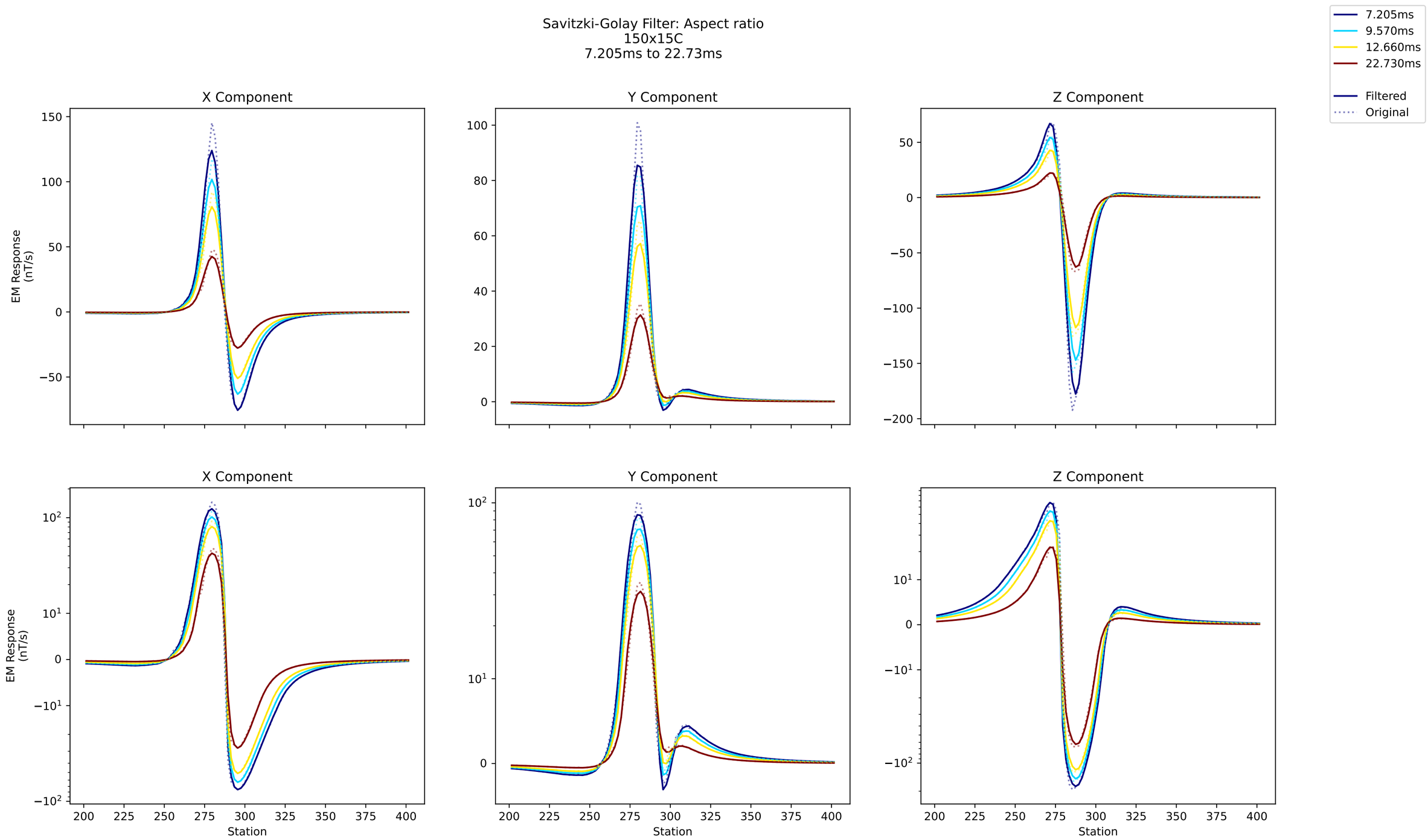

Savitzki-Golay Filter: Aspect ratio
150x15C
0.095ms to 0.235ms
0.095ms
0.130ms
0.175ms
0.235ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

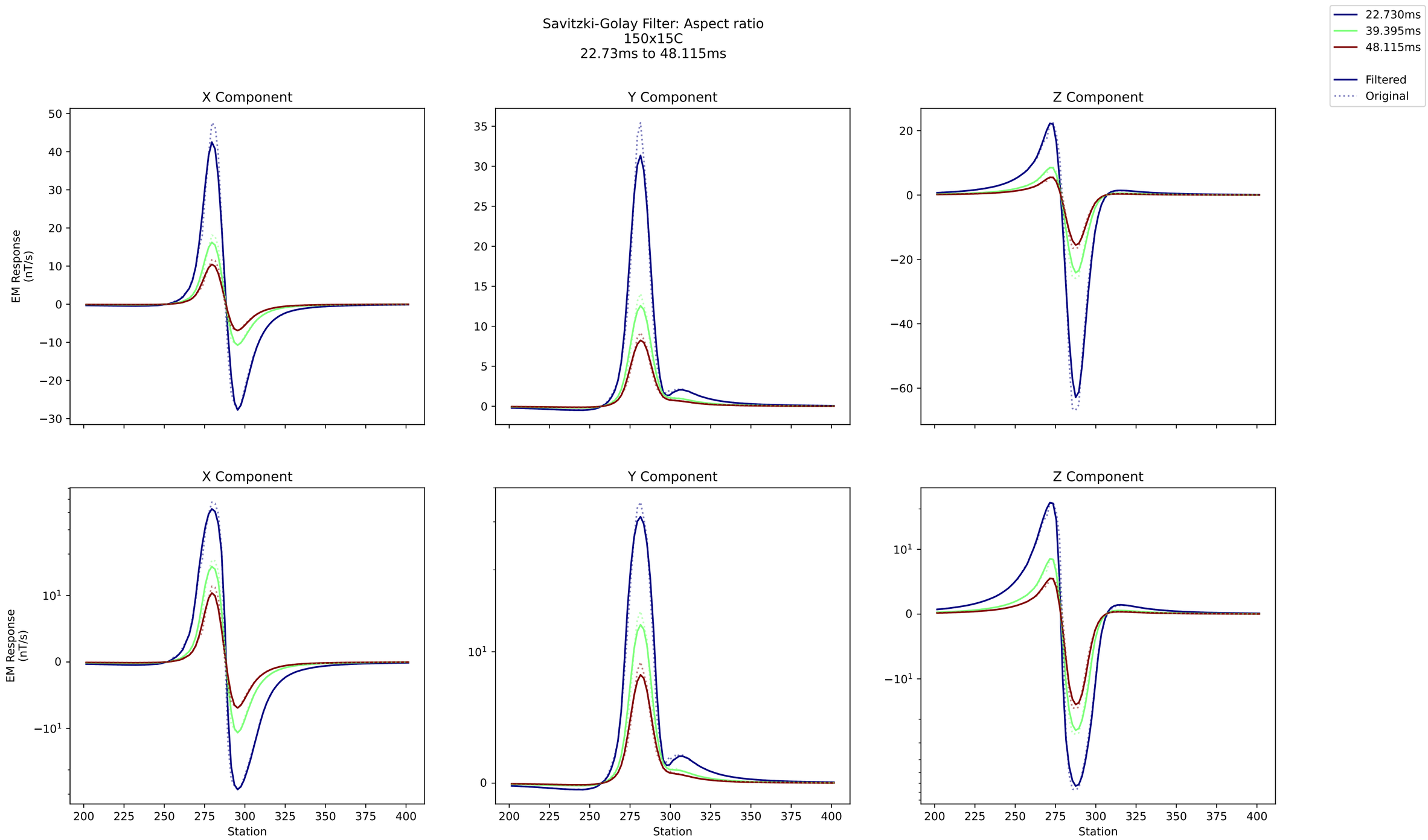

Savitzki-Golay Filter: Aspect ratio
150x15C
0.235ms to 0.56ms
0.235ms
0.315ms
0.420ms
0.560ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

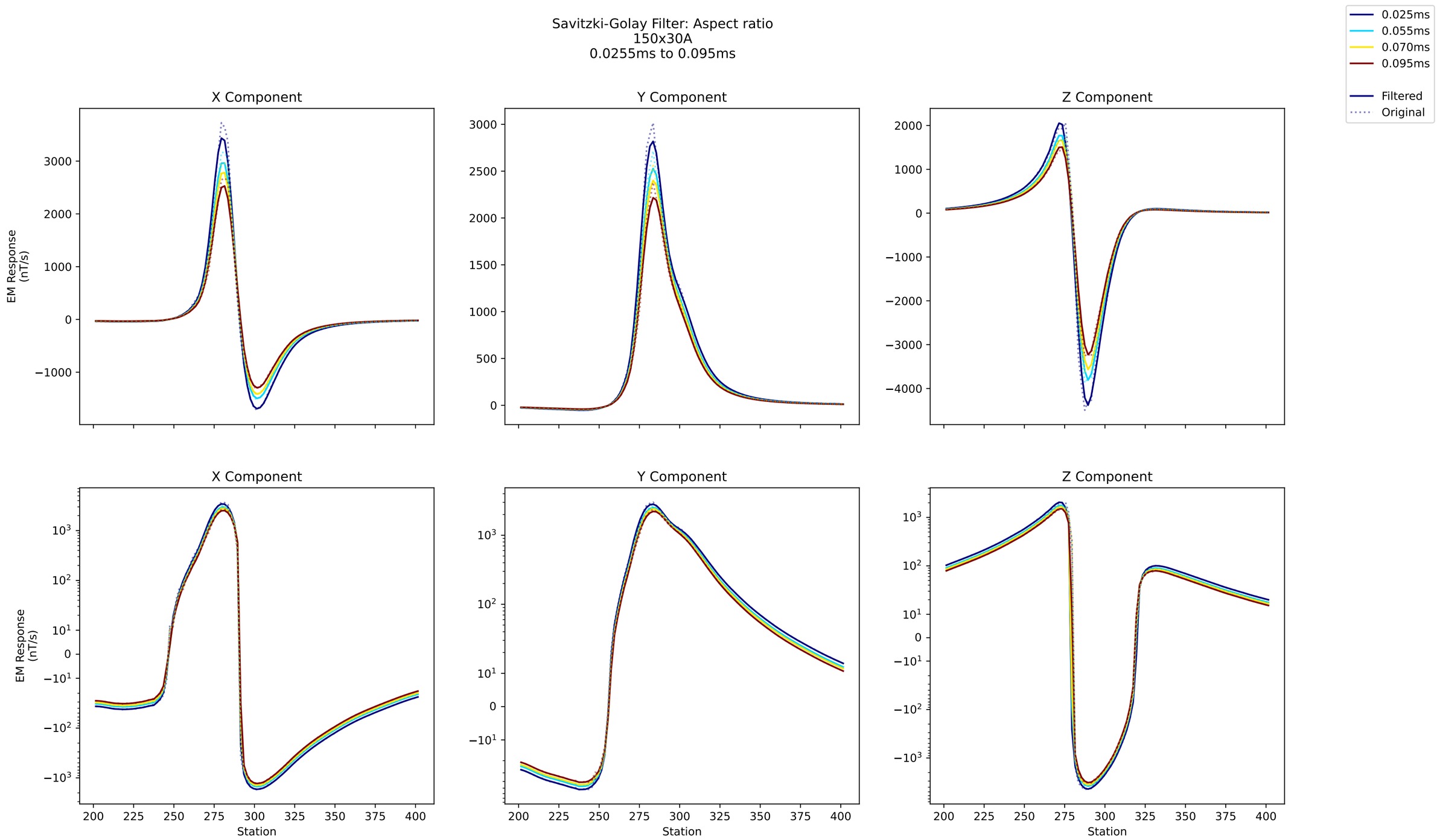

Savitzki-Golay Filter: Aspect ratio
150x15C
0.56ms to 1.315ms
0.560ms
0.745ms
0.990ms
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

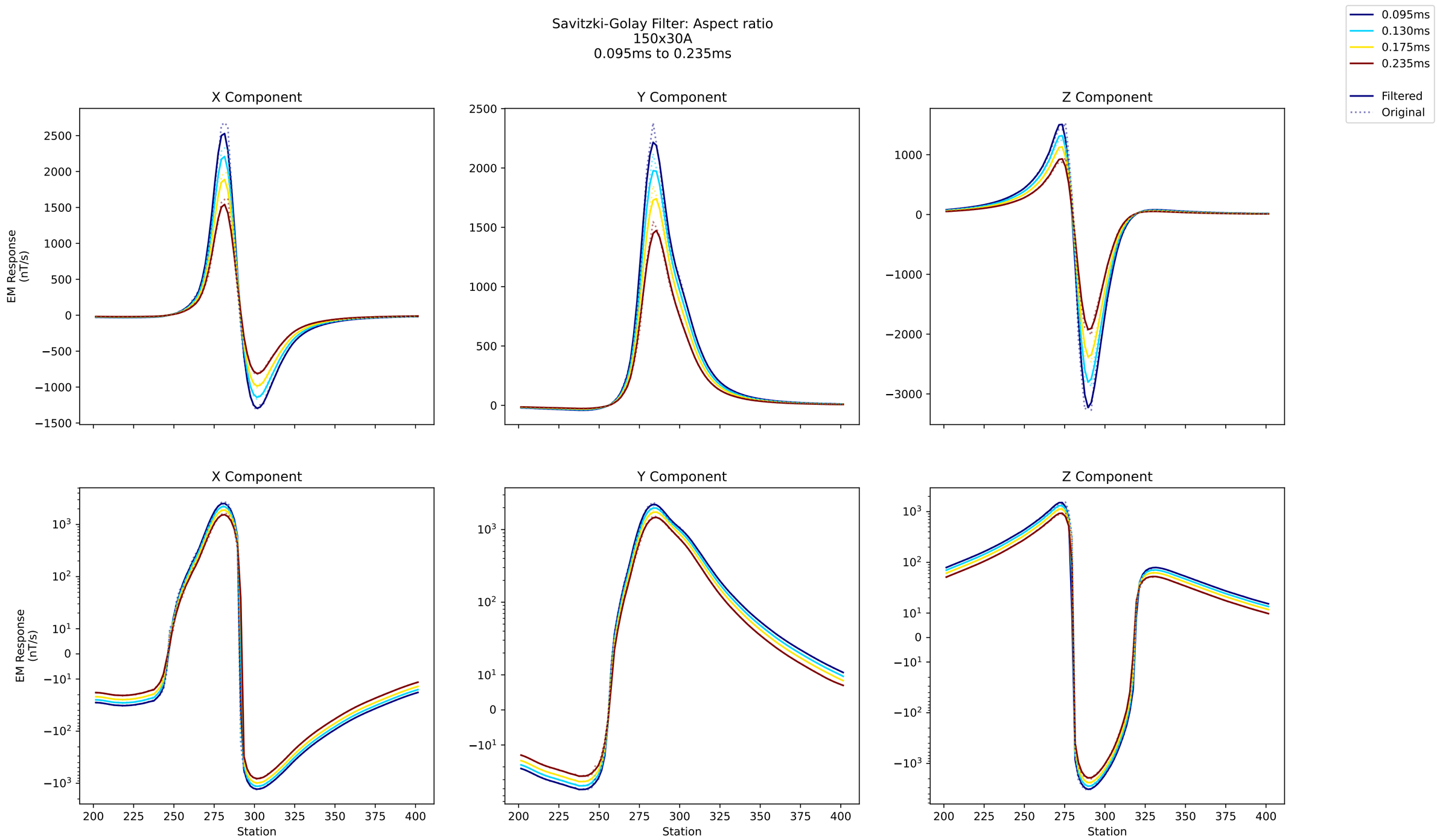

Savitzki-Golay Filter: Aspect ratio
150x15C
1.315ms to 3.075ms
1.315ms
1.745ms
2.315ms
3.075ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

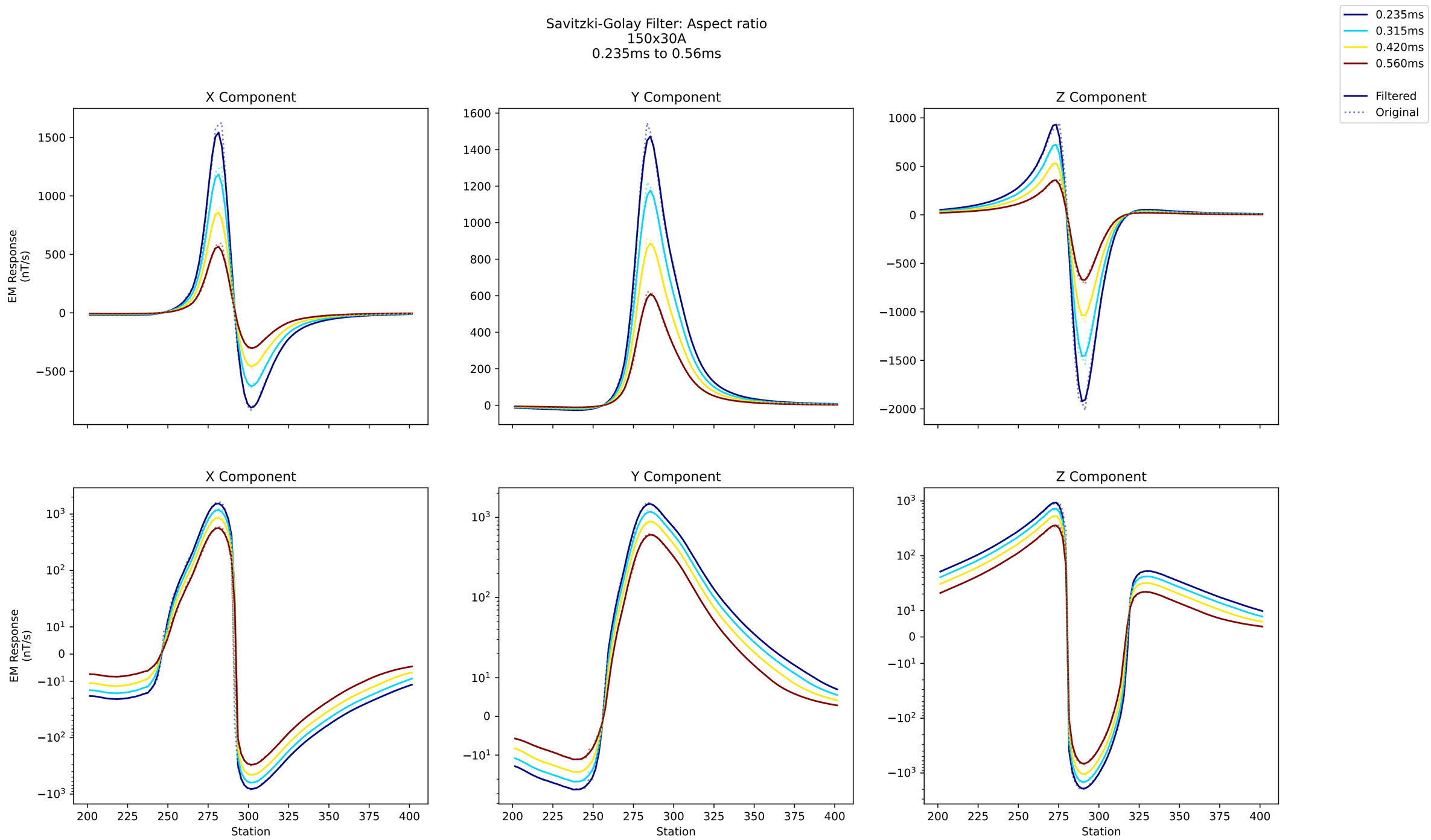

Savitzki-Golay Filter: Aspect ratio
150x15C
3.075ms to 7.205ms
3.075ms
4.085ms
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

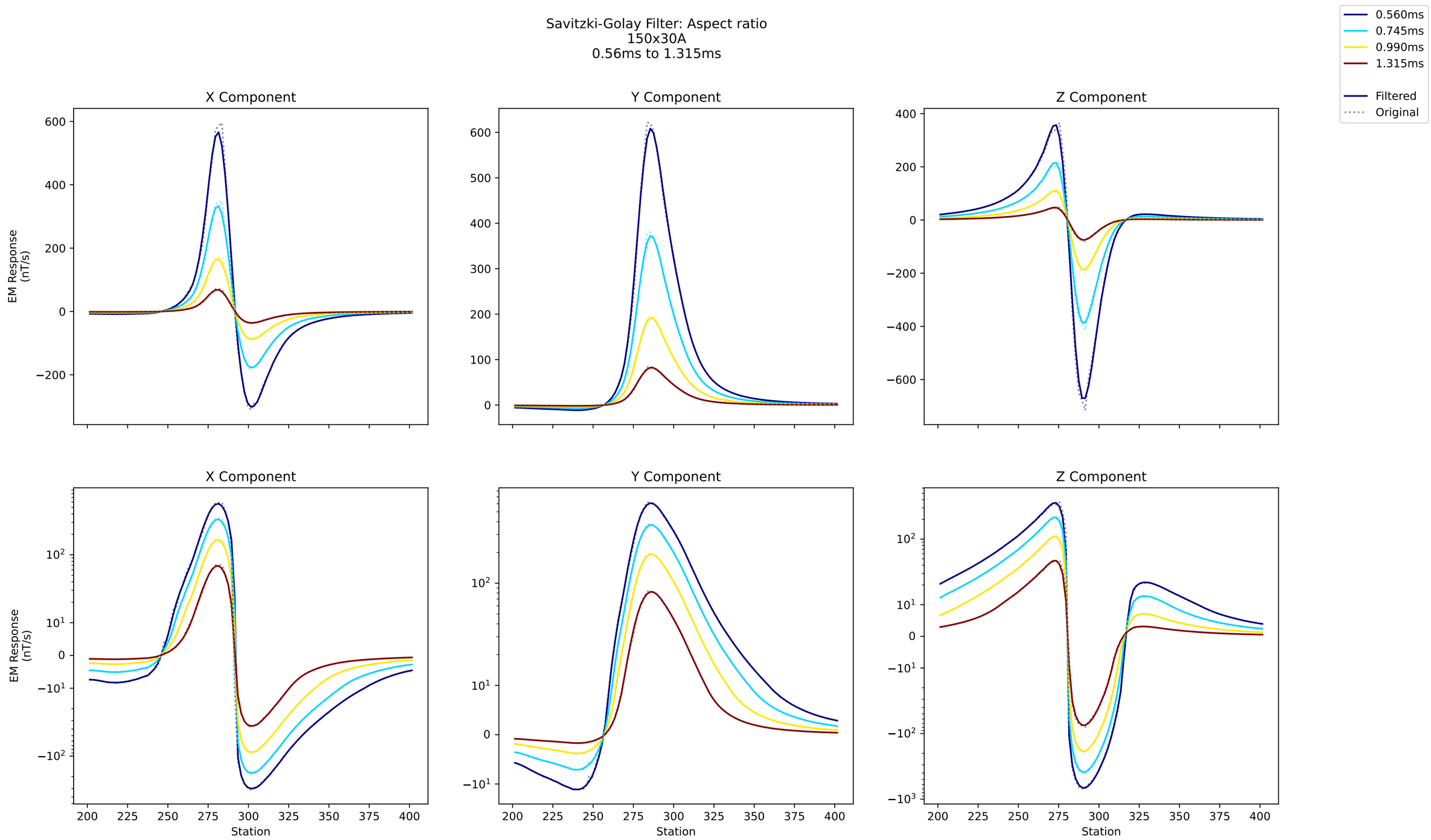

Savitzki-Golay Filter: Aspect ratio
150x15C
7.205ms to 22.73ms
7.205ms
9.570ms
12.660ms
22.730ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

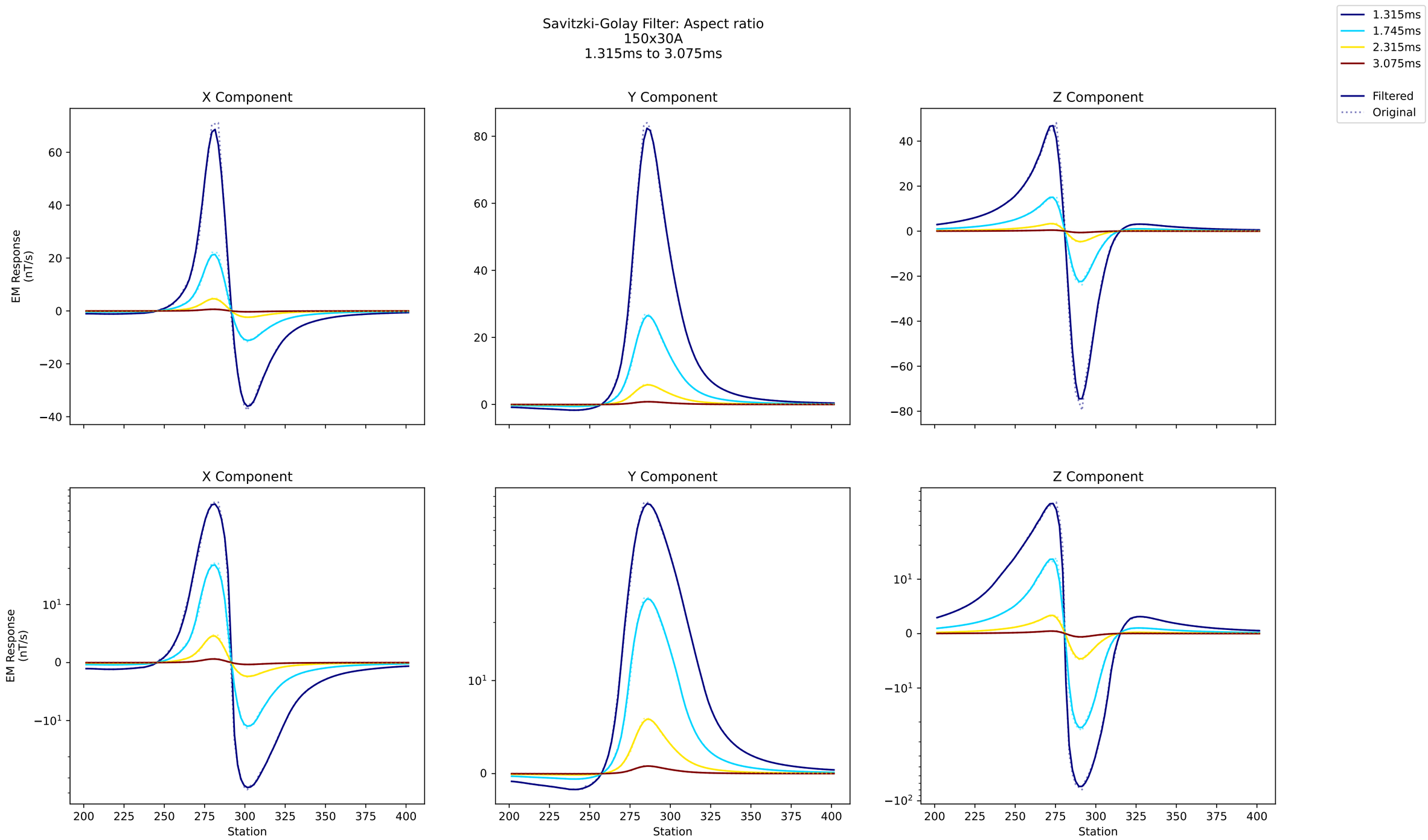

Savitzki-Golay Filter: Aspect ratio
150x15C
22.73ms to 48.115ms
22.730ms
39.395ms
48.115ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

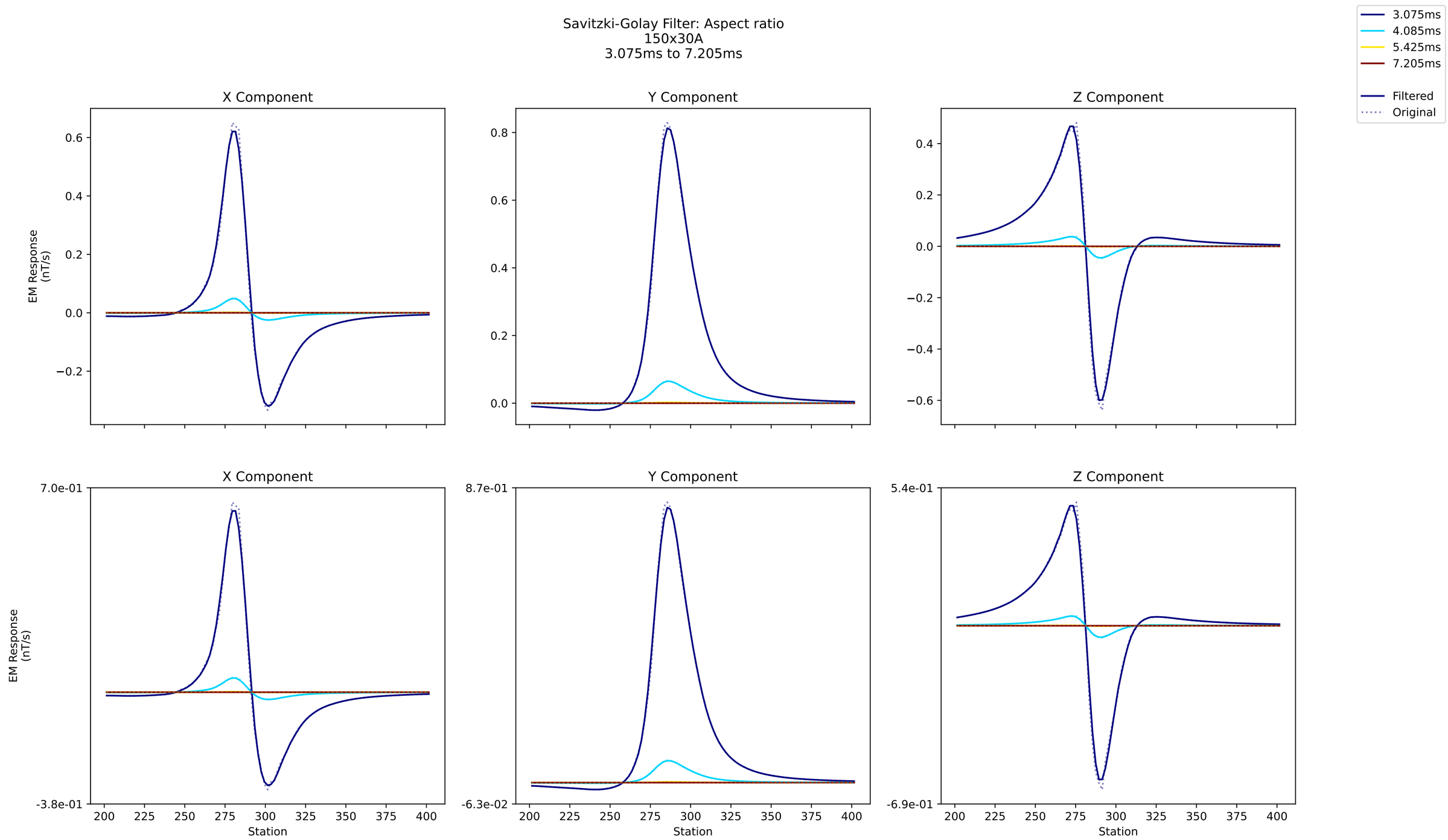

Savitzki-Golay Filter: Aspect ratio
150x30A
0.0255ms to 0.095ms
0.025ms
0.055ms
0.070ms
0.095ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

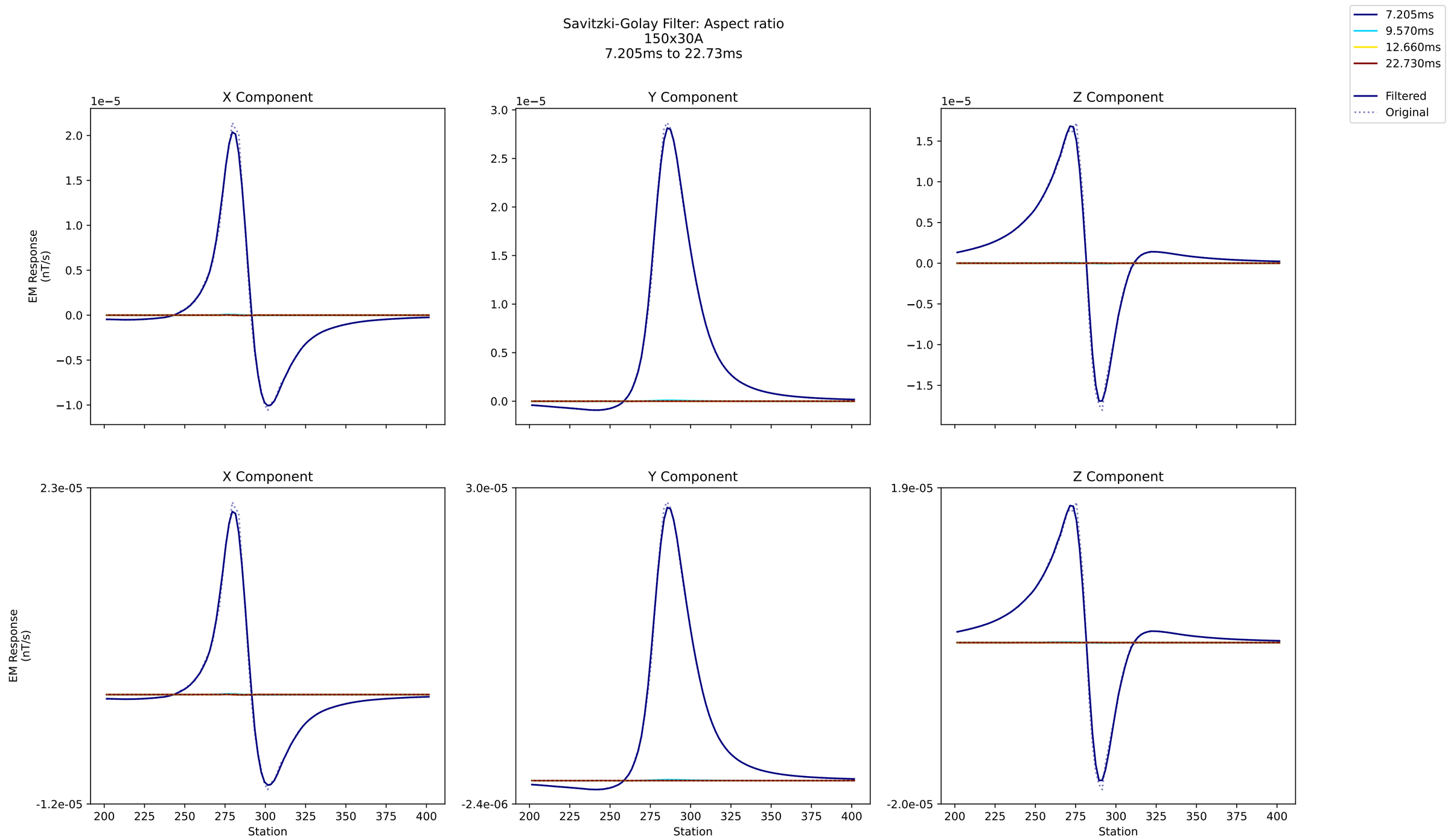

Savitzki-Golay Filter: Aspect ratio
150x30A
0.095ms to 0.235ms
0.095ms
0.130ms
0.175ms
0.235ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

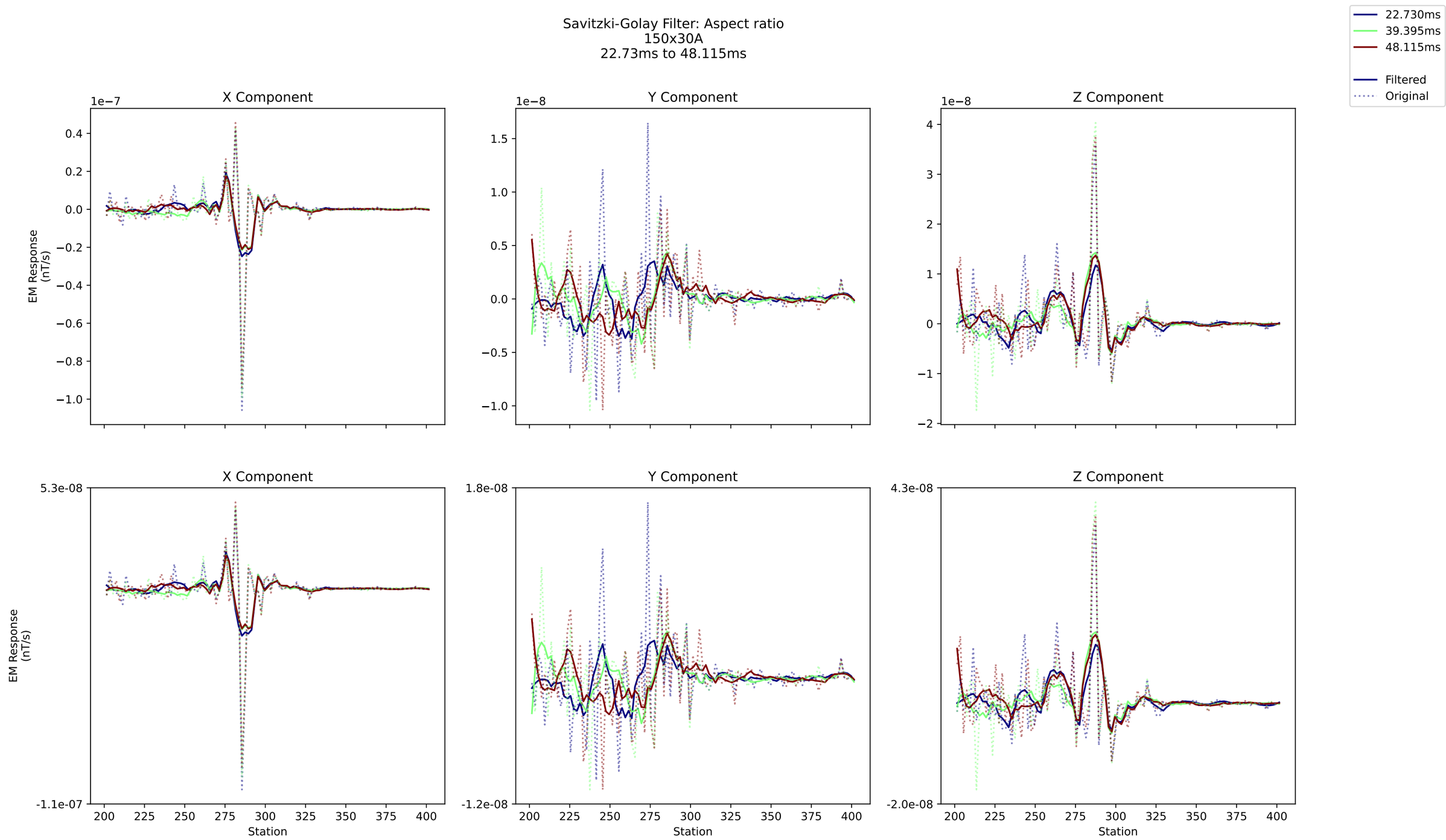

Savitzki-Golay Filter: Aspect ratio
150x30A
0.235ms to 0.56ms
0.235ms
0.315ms
0.420ms
0.560ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

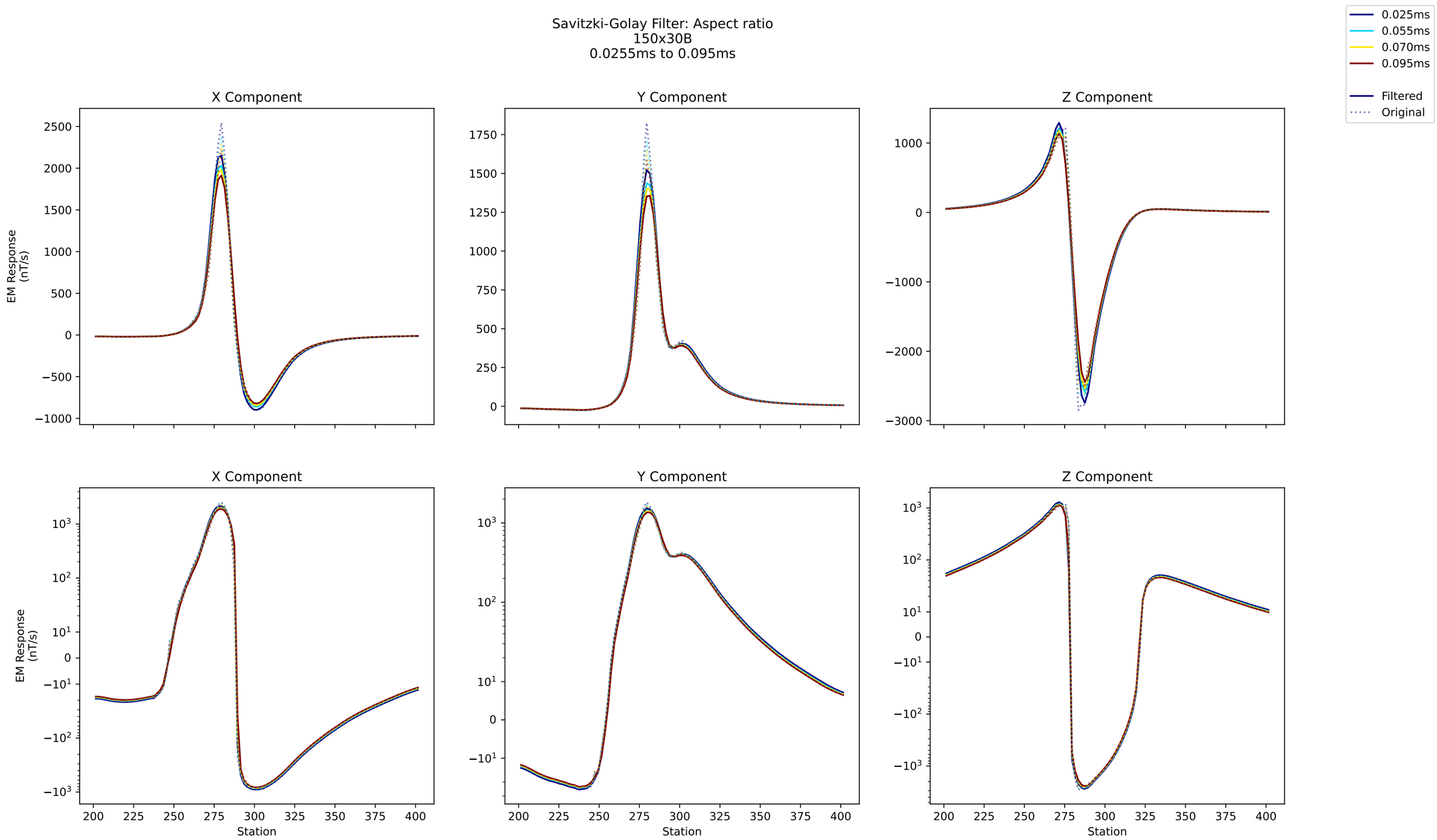

Savitzki-Golay Filter: Aspect ratio
150x30A
0.56ms to 1.315ms
0.560ms
0.745ms
0.990ms
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

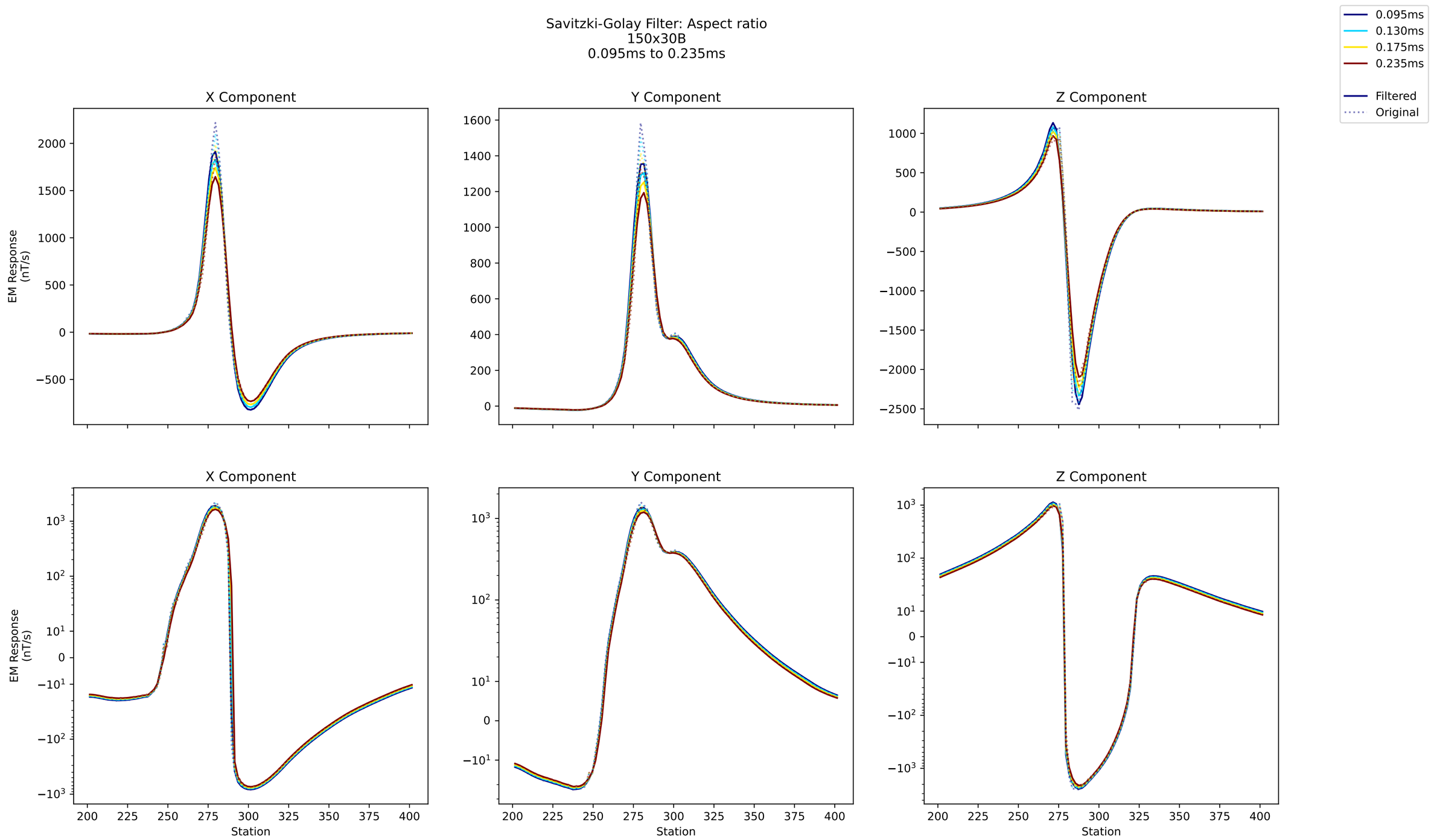

Savitzki-Golay Filter: Aspect ratio
150x30A
1.315ms to 3.075ms
1.315ms
1.745ms
2.315ms
3.075ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

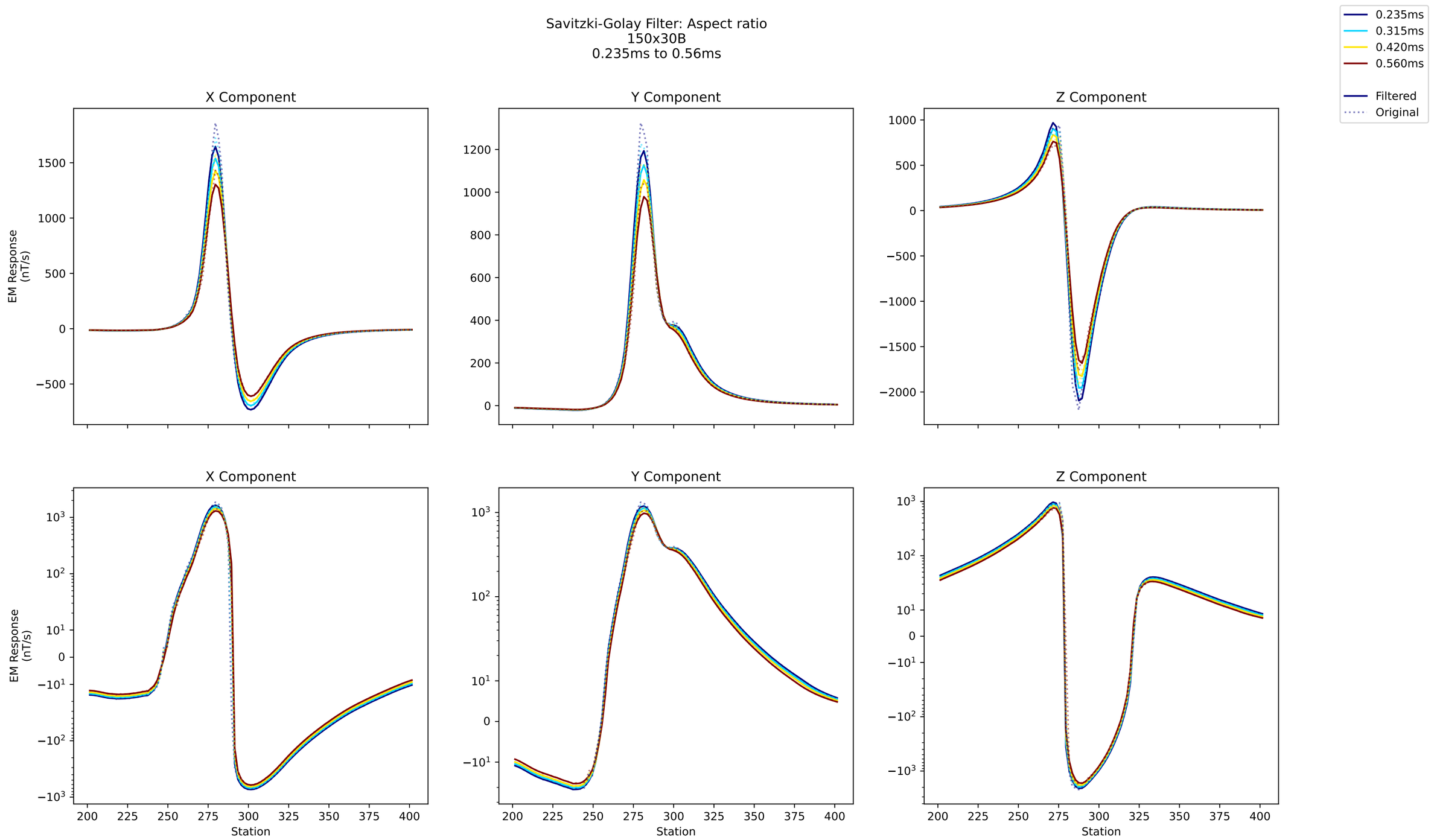

Savitzki-Golay Filter: Aspect ratio
150x30A
3.075ms to 7.205ms
3.075ms
4.085ms
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
7.0e-01
-3.8e-01
8.7e-01
-6.3e-02
5.4e-01
-6.9e-01
200
225
250
275
300
325
350
375
400
Station

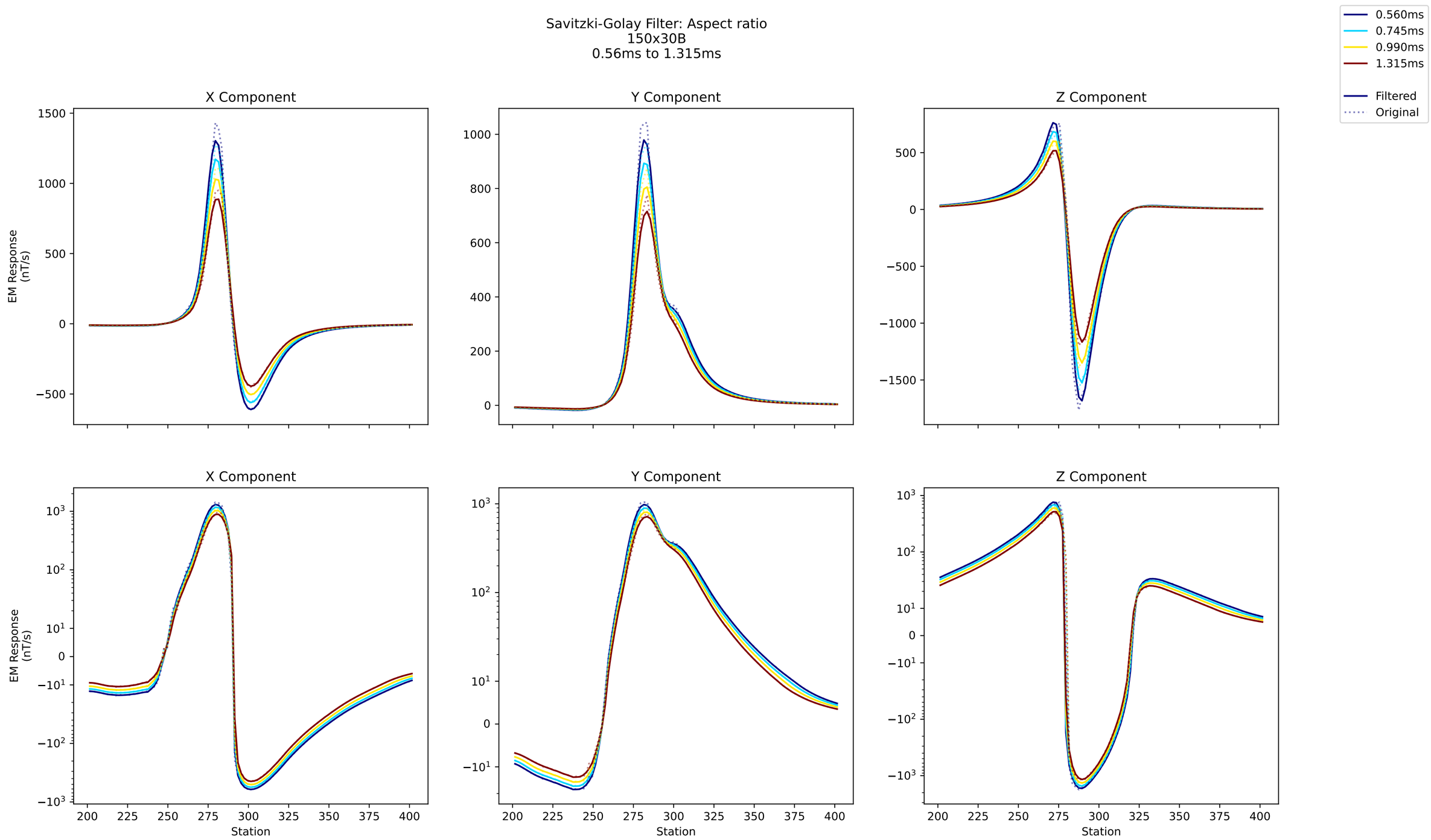

Savitzki-Golay Filter: Aspect ratio
150x30A
7.205ms to 22.73ms
7.205ms
9.570ms
12.660ms
22.730ms
Filtered
Original
X Component
Y Component
Z Component
1e−5
EM Response
(nT/s)
2.0
1.5
1.0
0.5
0.0
−0.5
−1.0
3.0
2.5
−1.5
2.3e-05
-1.2e-05
3.0e-05
-2.4e-06
1.9e-05
-2.0e-05
200
225
250
275
300
325
350
375
400
Station

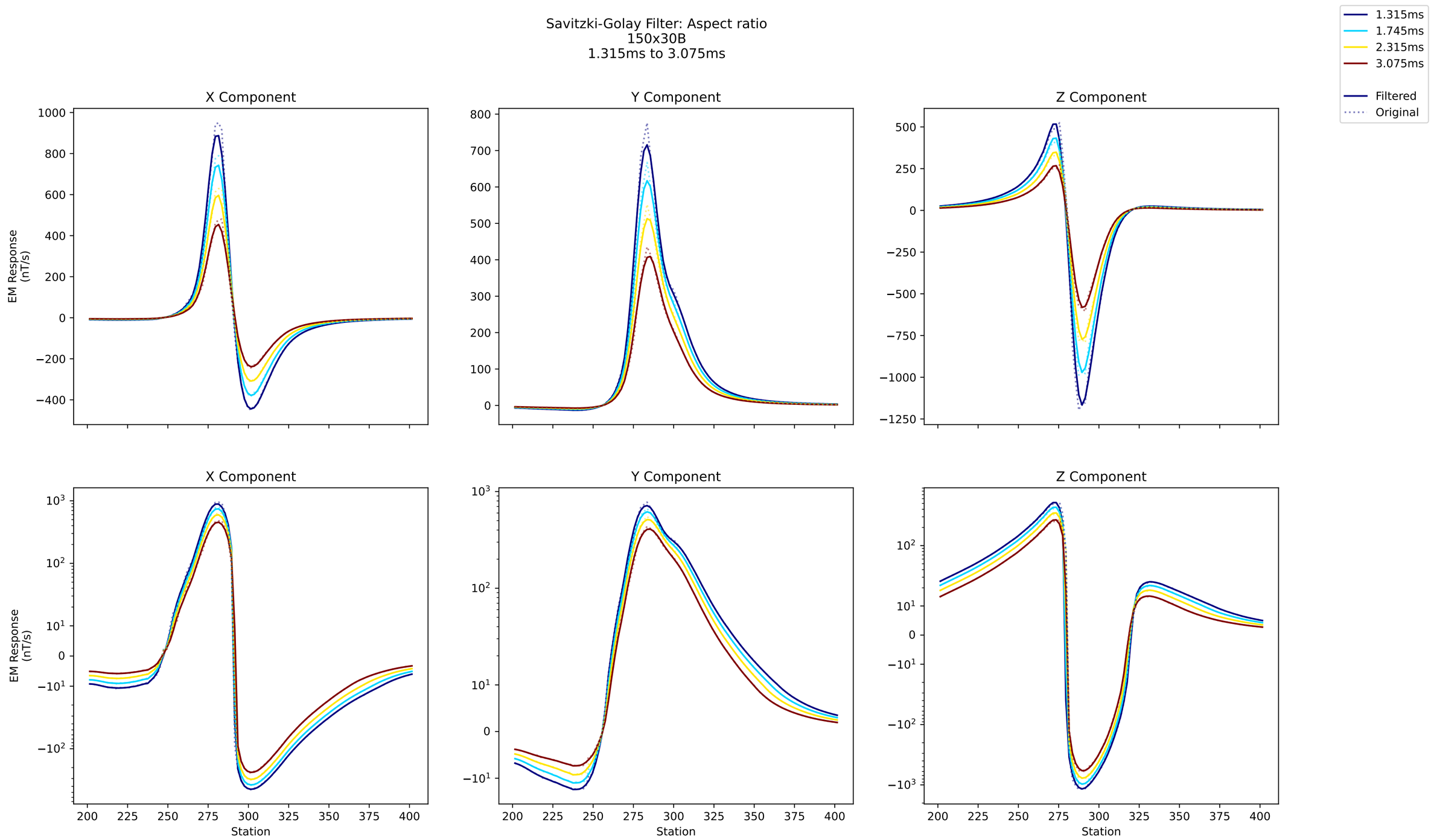

Savitzki-Golay Filter: Aspect ratio
150x30A
22.73ms to 48.115ms
22.730ms
39.395ms
48.115ms
Filtered
Original
X Component
Y Component
Z Component
1e−7
1e−8
1e−8
EM Response
(nT/s)
5.3e-08
-1.1e-07
1.8e-08
-1.2e-08
4.3e-08
-2.0e-08
200
225
250
275
300
325
350
375
400
Station

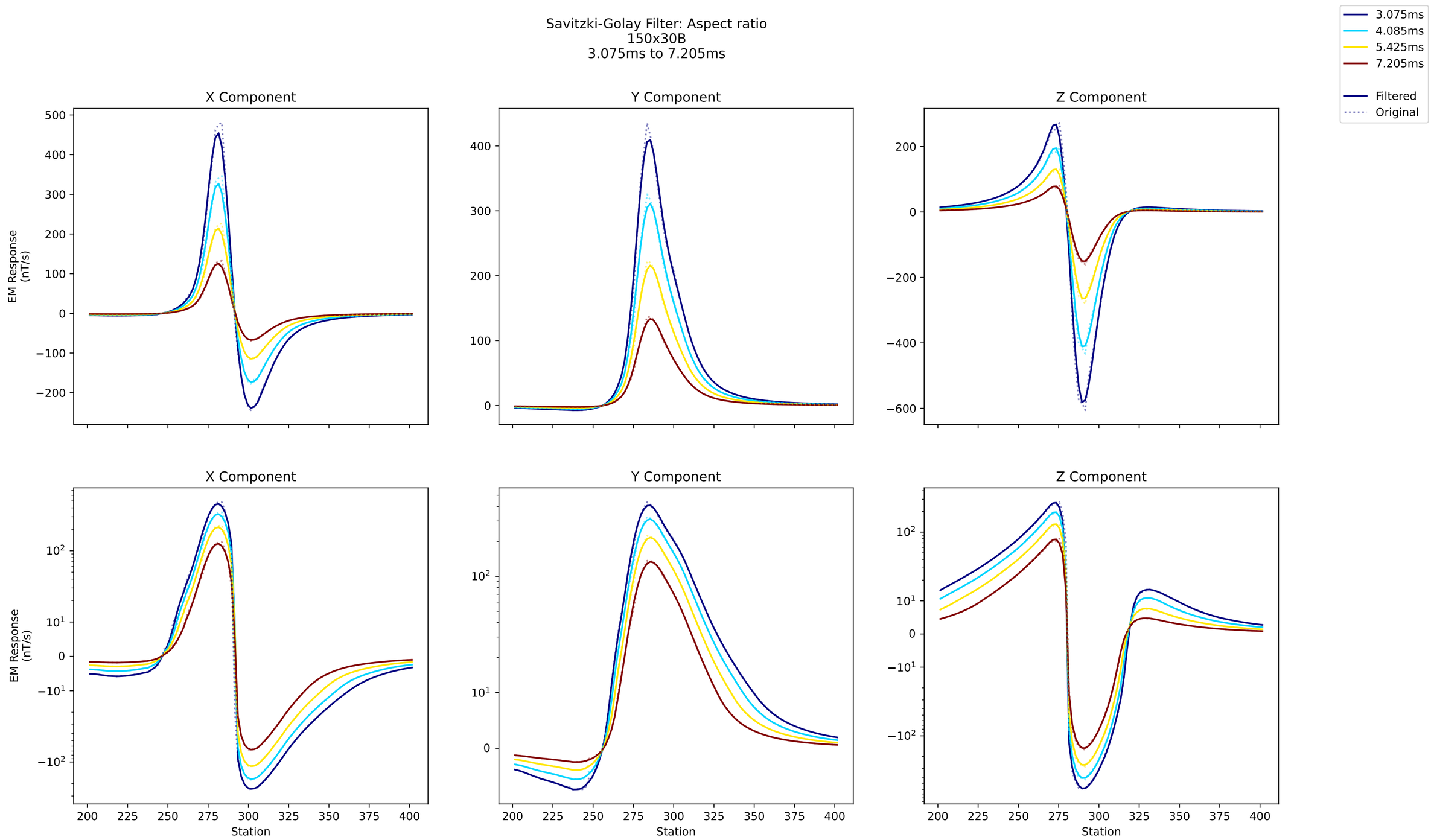

Savitzki-Golay Filter: Aspect ratio
150x30B
0.0255ms to 0.095ms
0.025ms
0.055ms
0.070ms
0.095ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

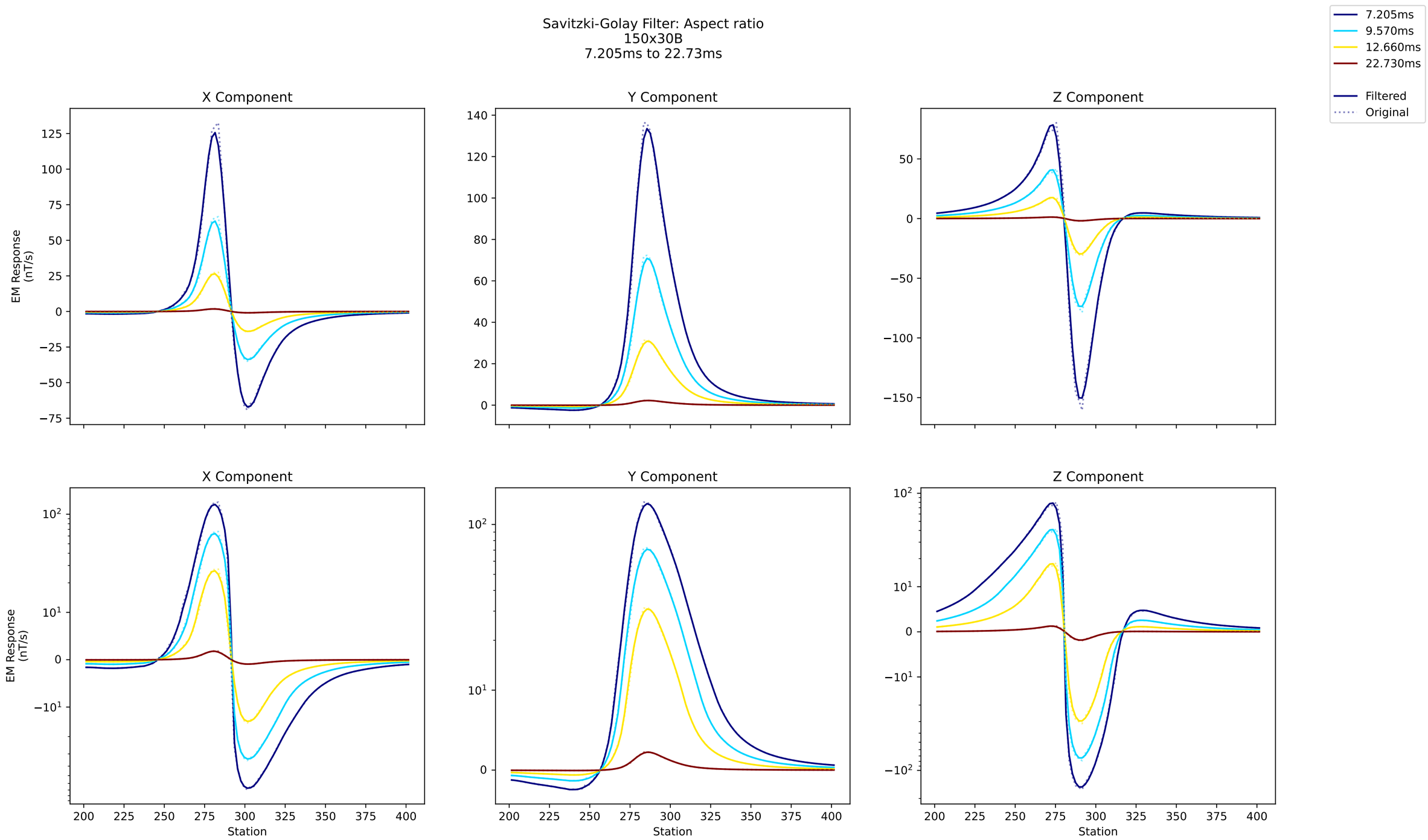

Savitzki-Golay Filter: Aspect ratio
150x30B
0.095ms to 0.235ms
0.095ms
0.130ms
0.175ms
0.235ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

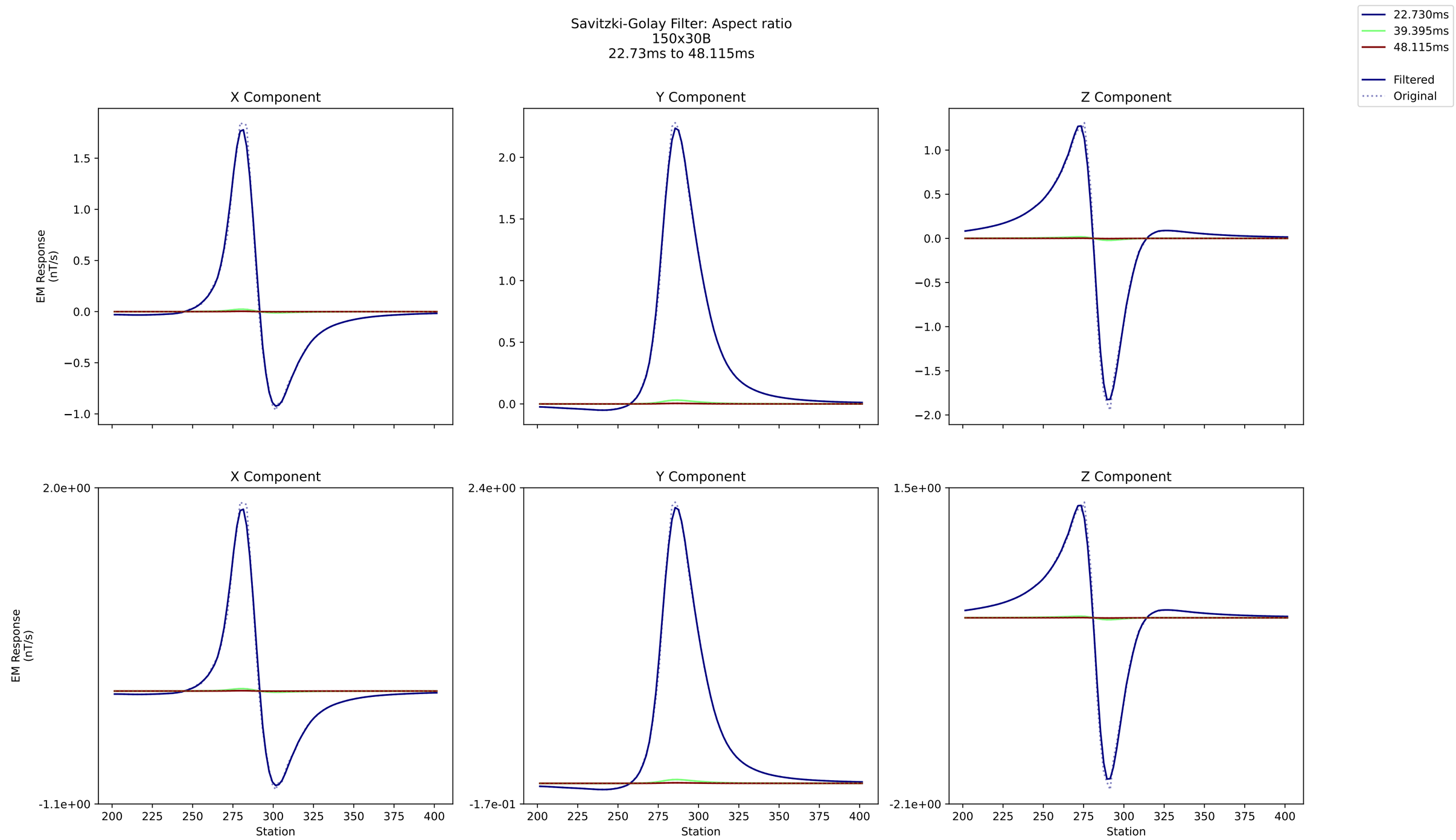

Savitzki-Golay Filter: Aspect ratio
150x30B
0.235ms to 0.56ms
0.235ms
0.315ms
0.420ms
0.560ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

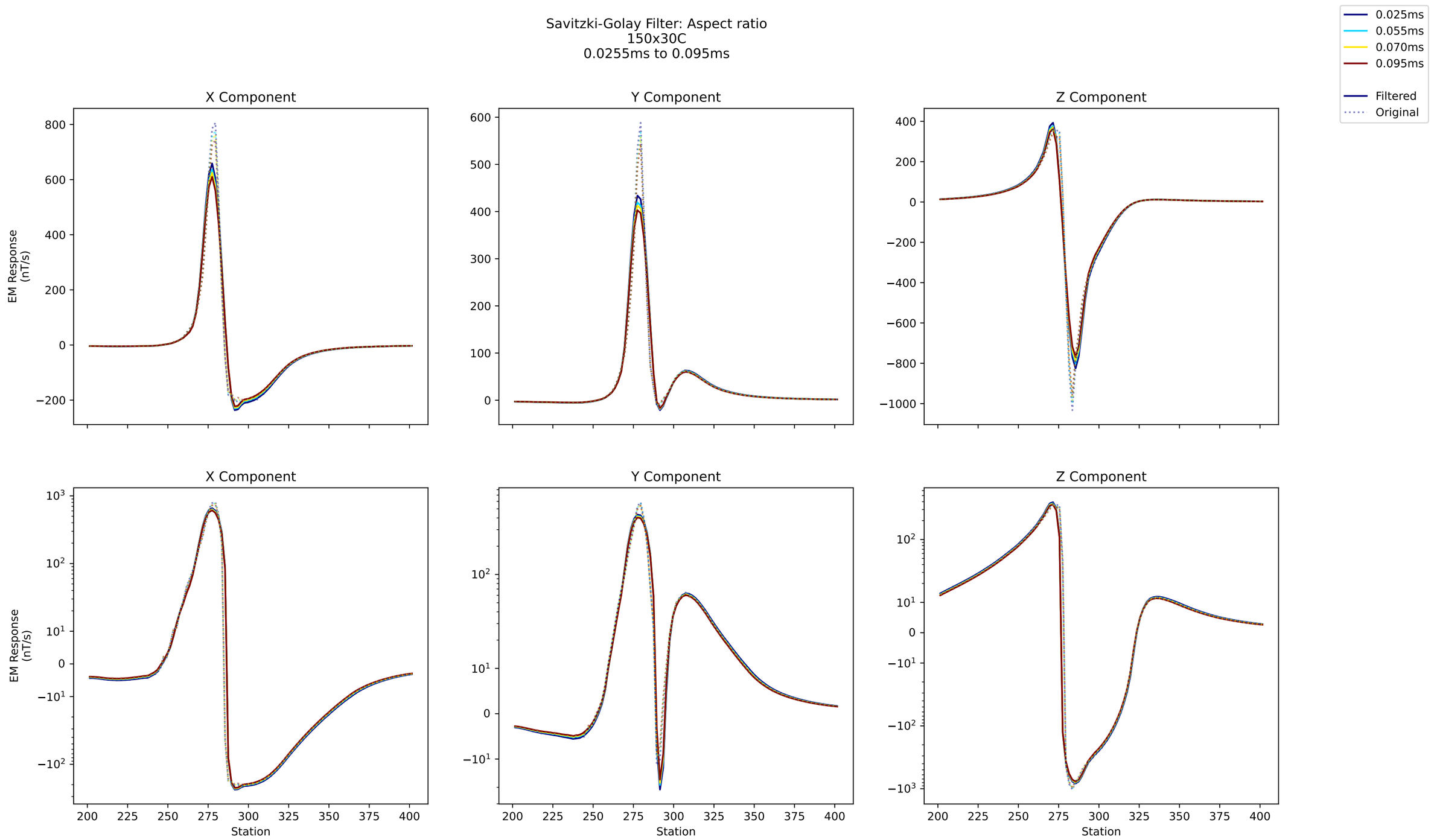

Savitzki-Golay Filter: Aspect ratio
150x30B
0.56ms to 1.315ms
0.560ms
0.745ms
0.990ms
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
150x30B
1.315ms to 3.075ms
1.315ms
1.745ms
2.315ms
3.075ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
150x30B
3.075ms to 7.205ms
3.075ms
4.085ms
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
150x30B
7.205ms to 22.73ms
7.205ms
9.570ms
12.660ms
22.730ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
150x30B
22.73ms to 48.115ms
22.730ms
39.395ms
48.115ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
150x30C
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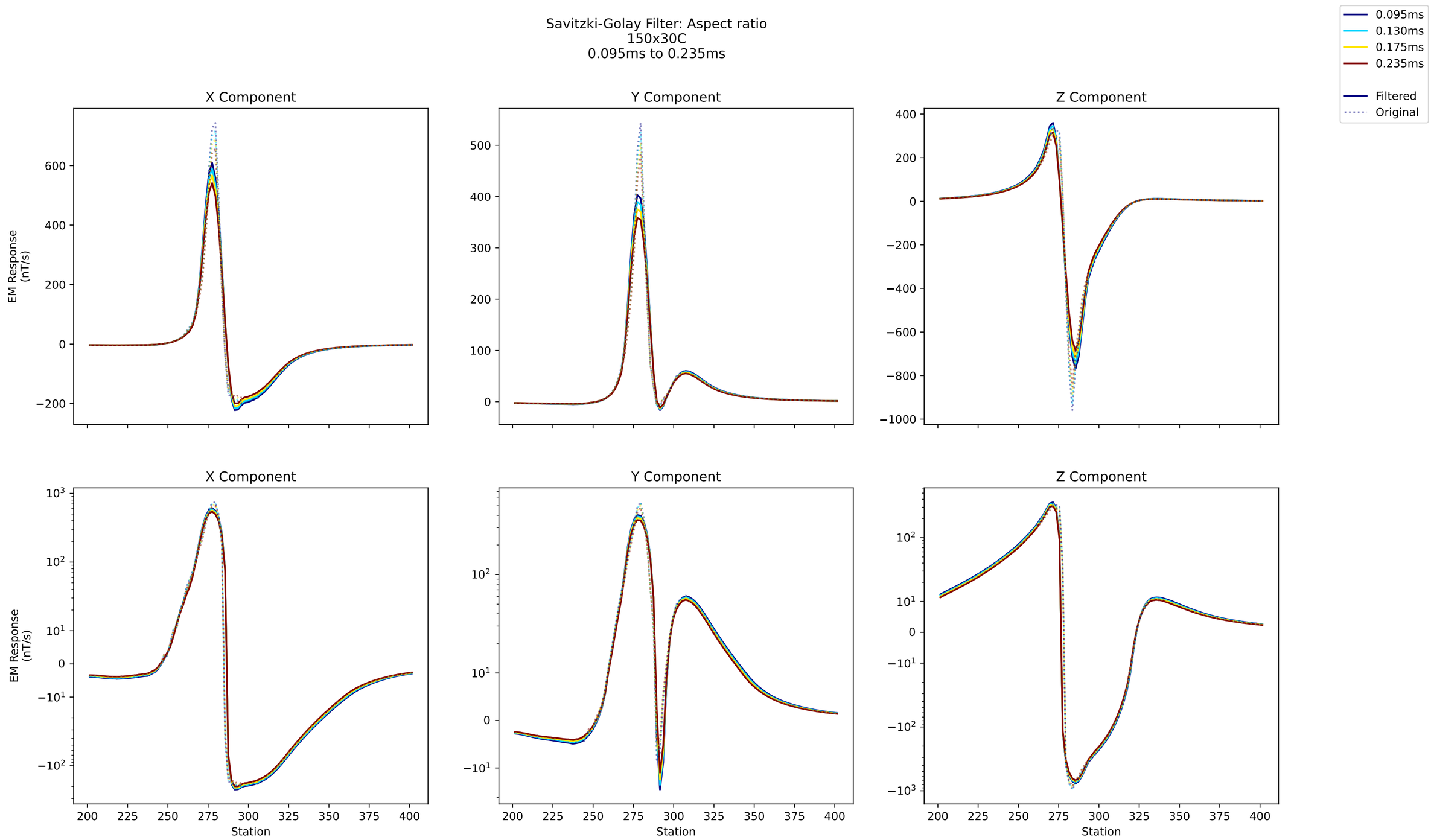
0.070ms
0.095ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
150x30C
0.095ms to 0.235ms
0.095ms
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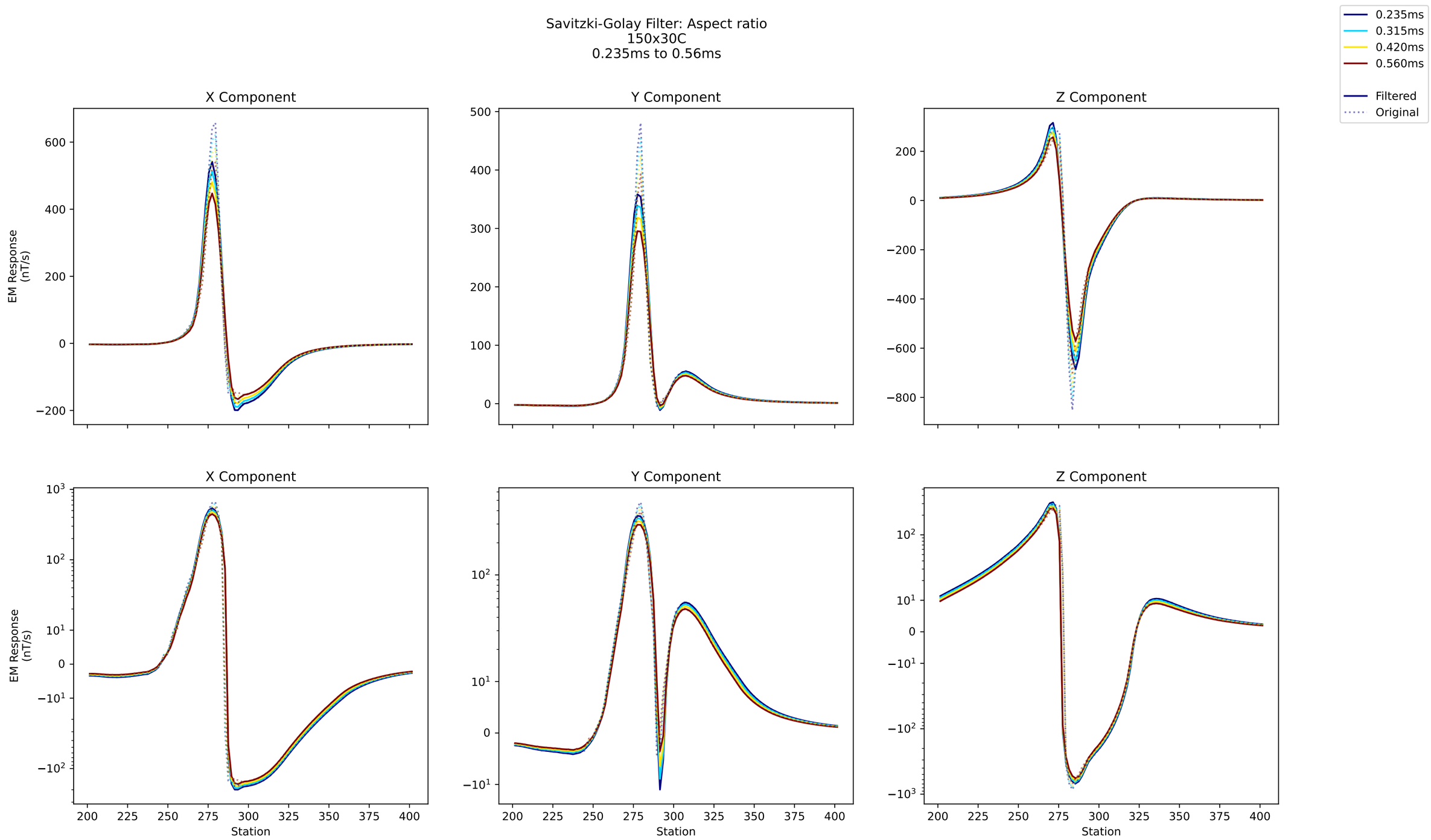
0.175ms
0.235ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
150x30C
0.235ms to 0.56ms
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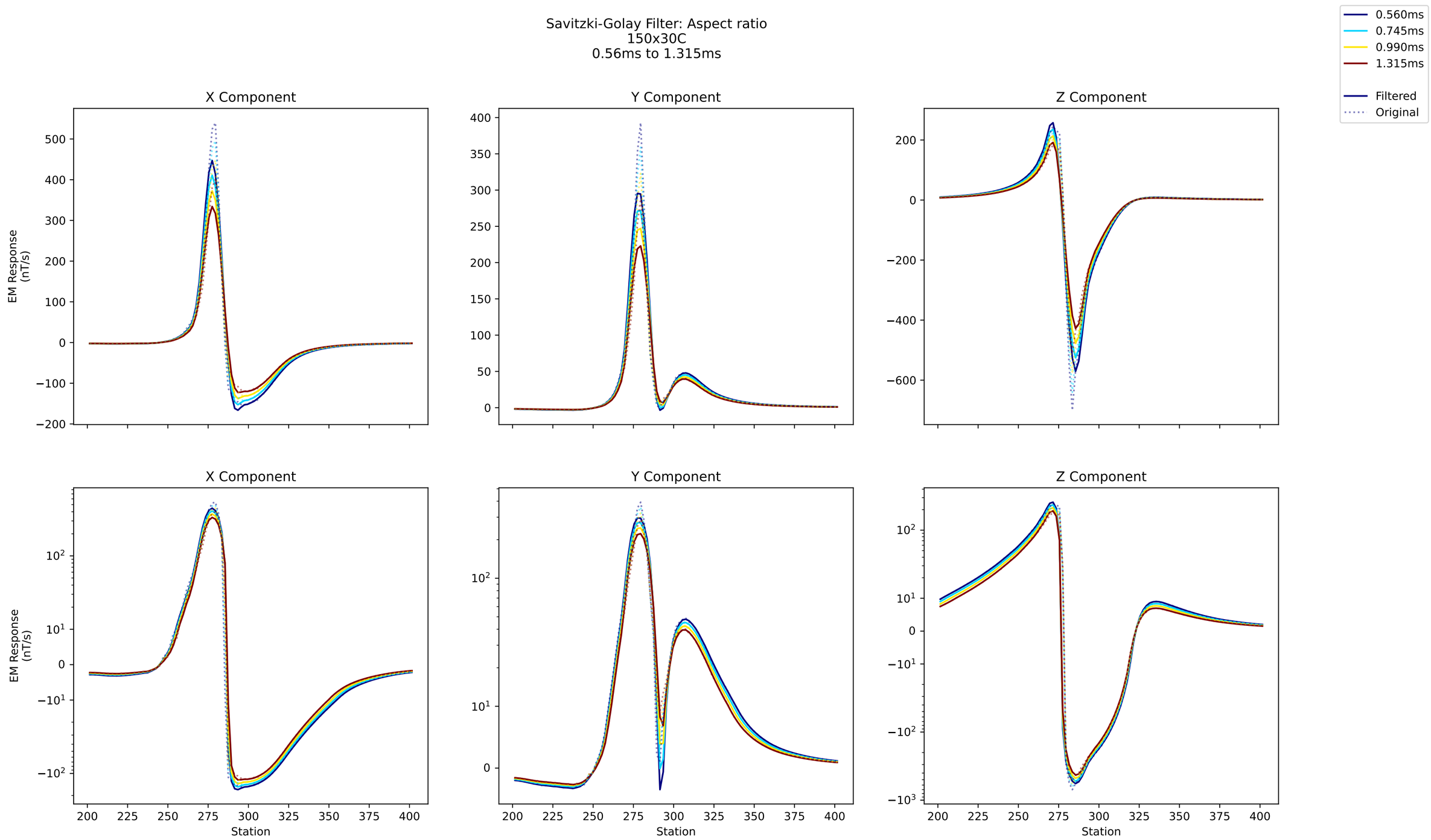
0.420ms
0.560ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
150x30C
0.56ms to 1.315ms
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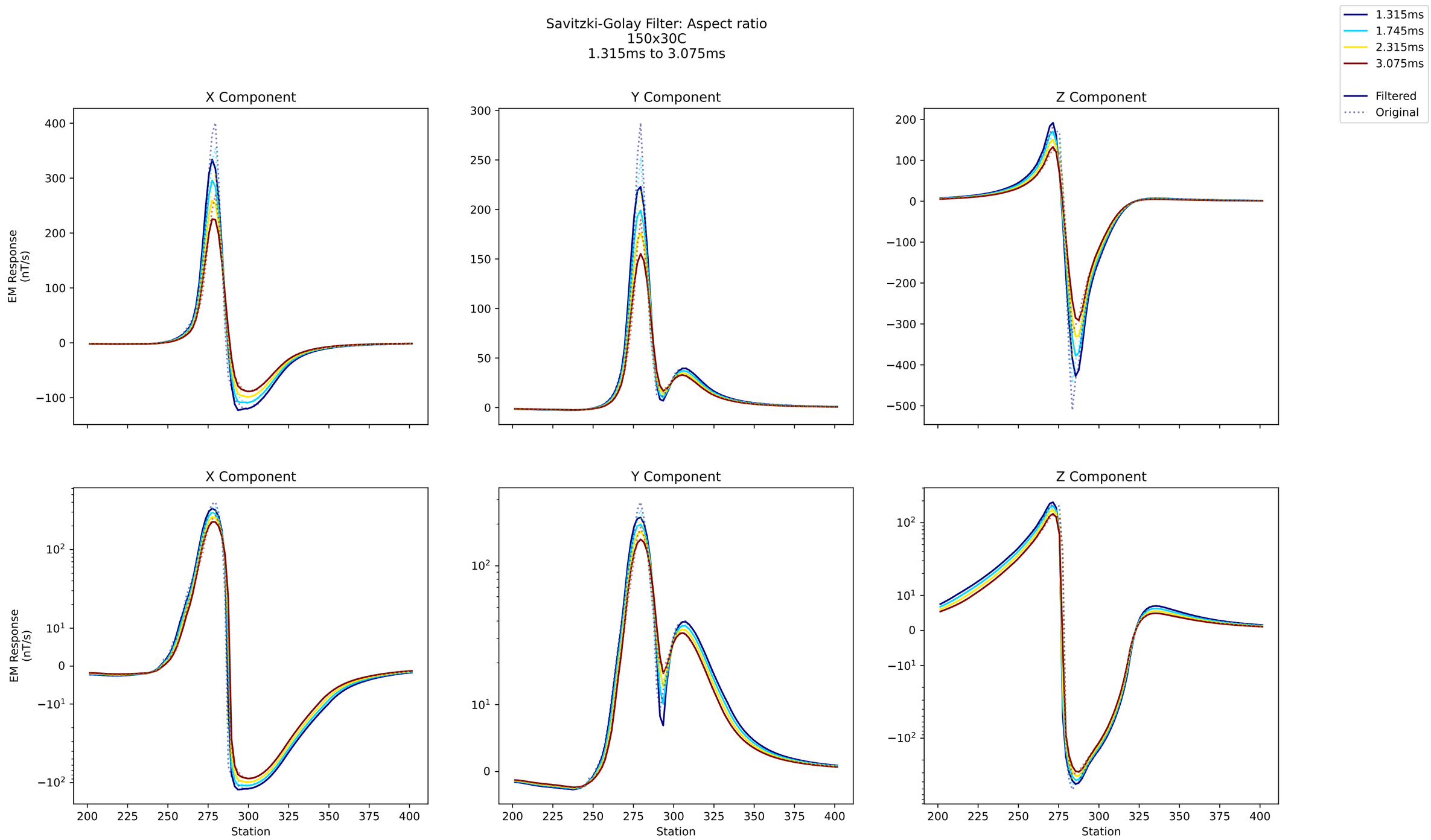
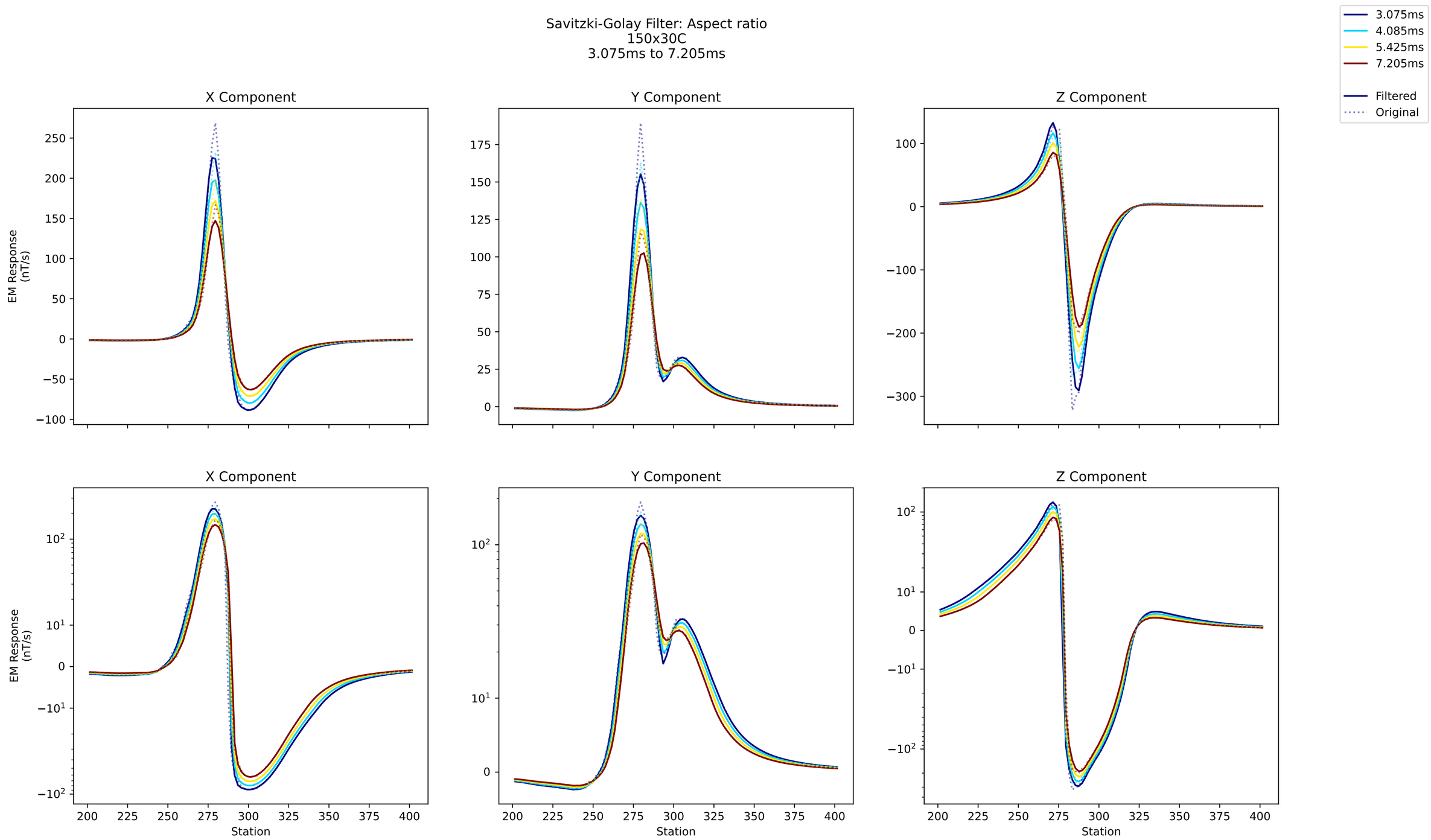
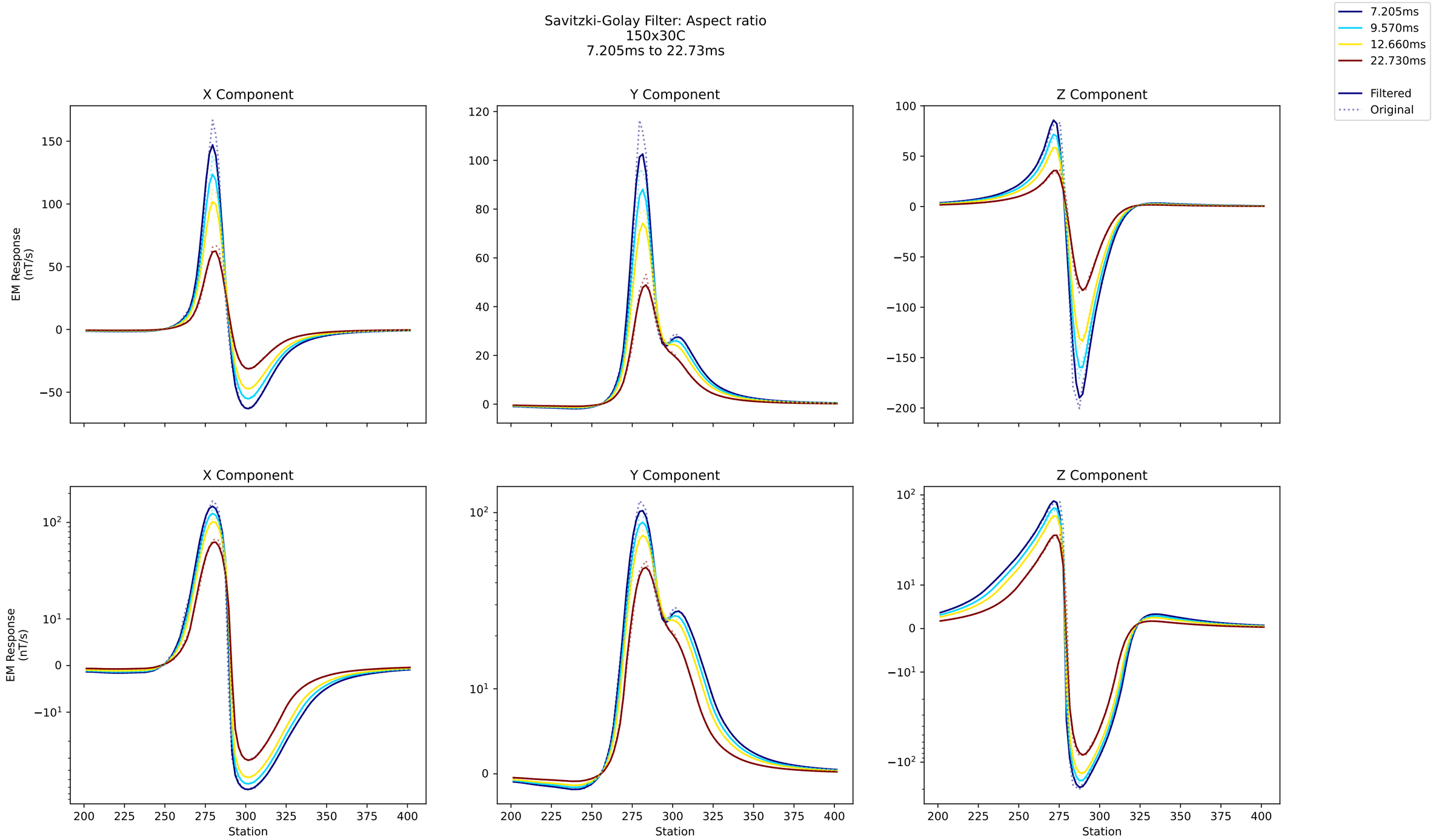
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
150x30C
1.315ms to 3.075ms
1.315ms
1.745ms
2.315ms
3.075ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
150x30C
3.075ms to 7.205ms
3.075ms
4.085ms
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
150x30C
7.205ms to 22.73ms
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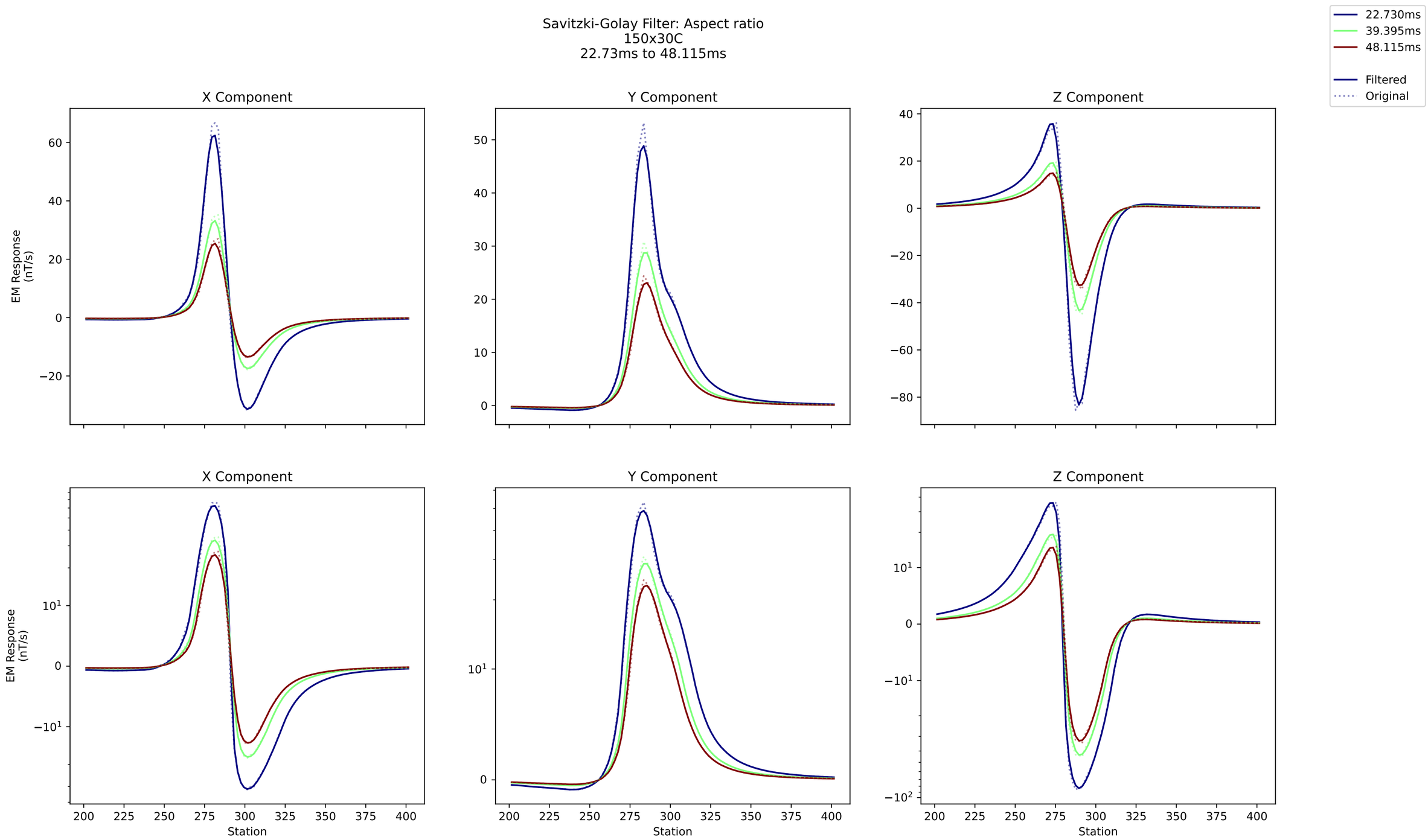
12.660ms
22.730ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
150x30C
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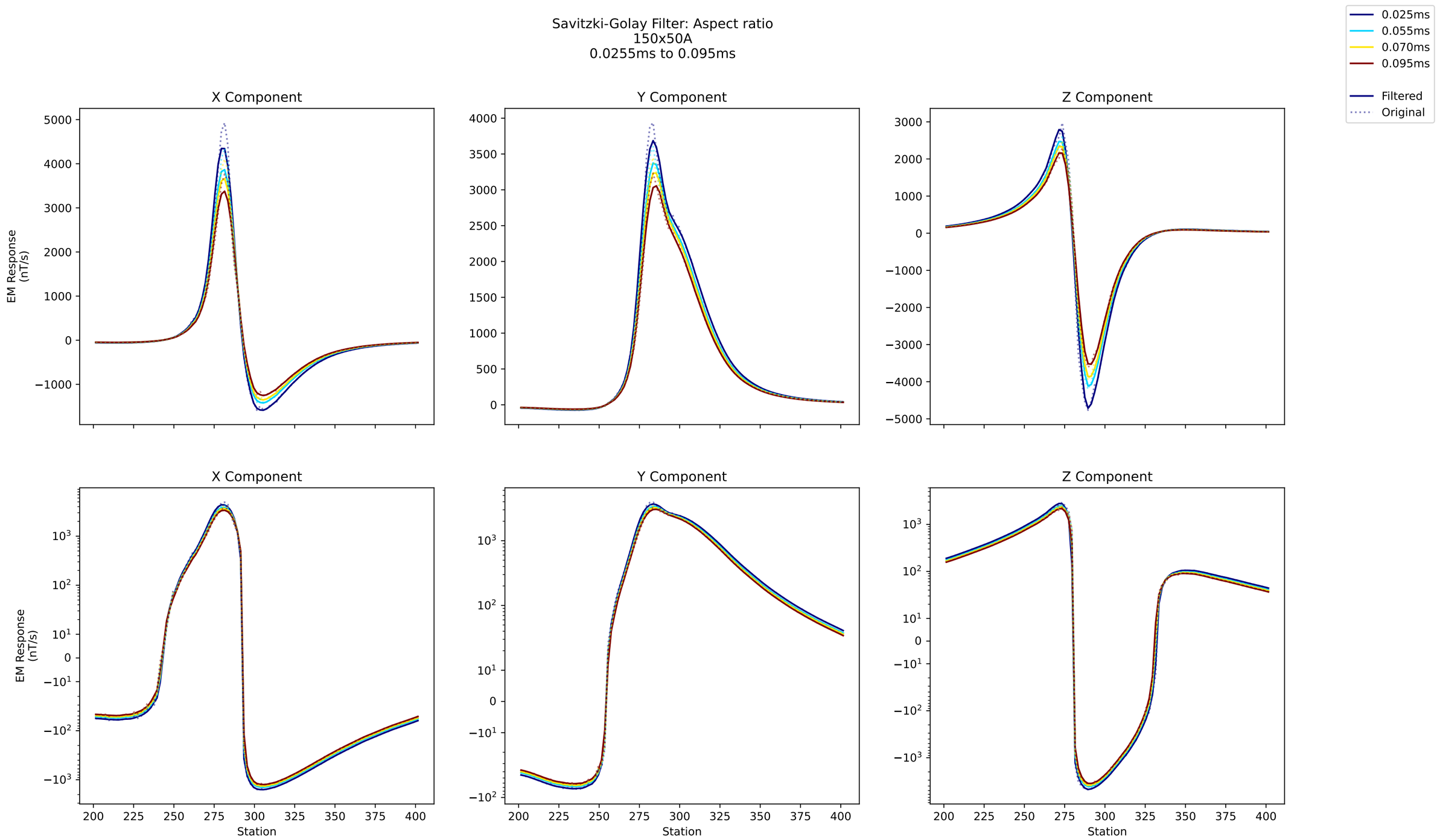
22.730ms
39.395ms
48.115ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
150x50A
0.0255ms to 0.095ms
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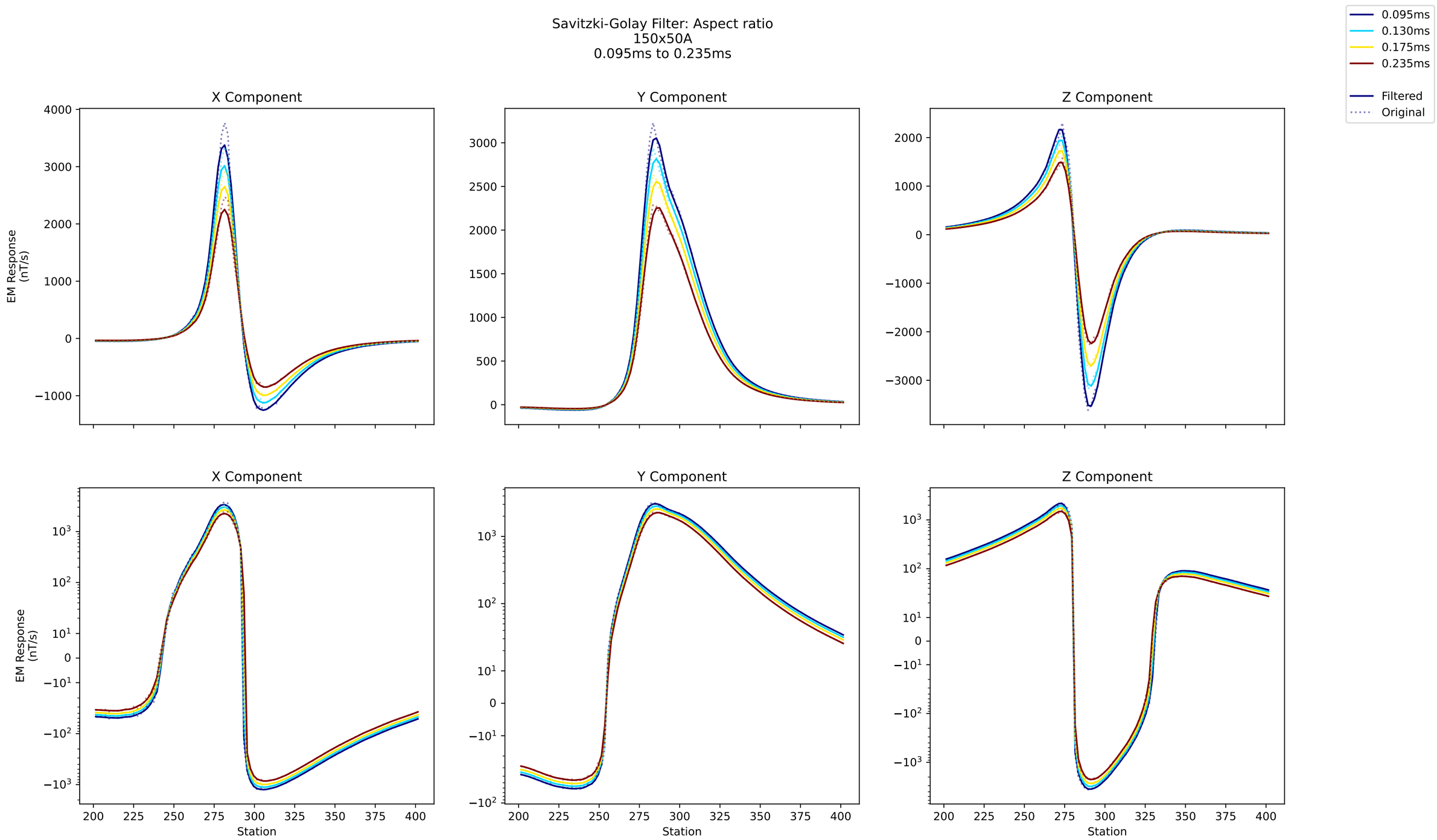
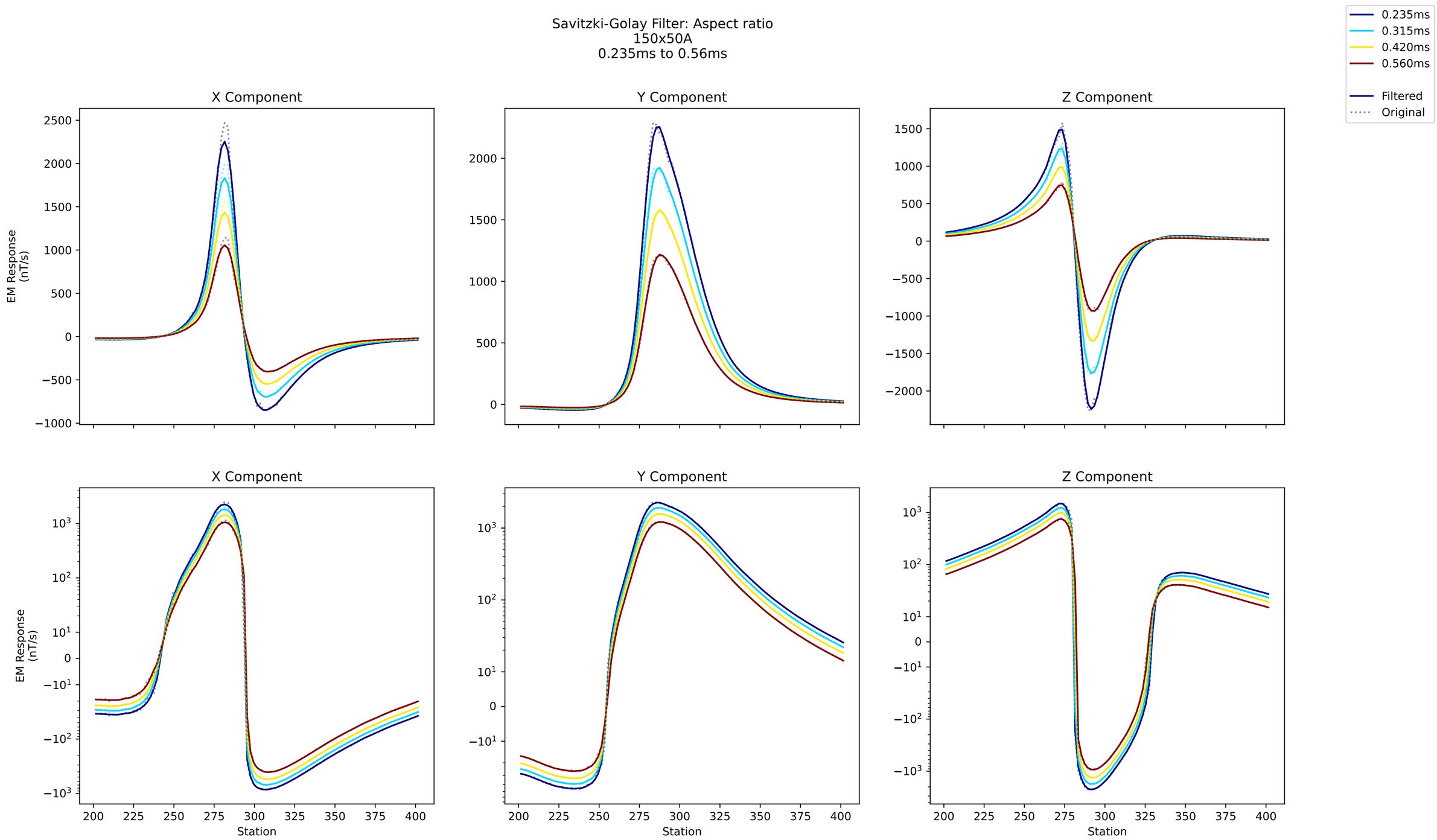
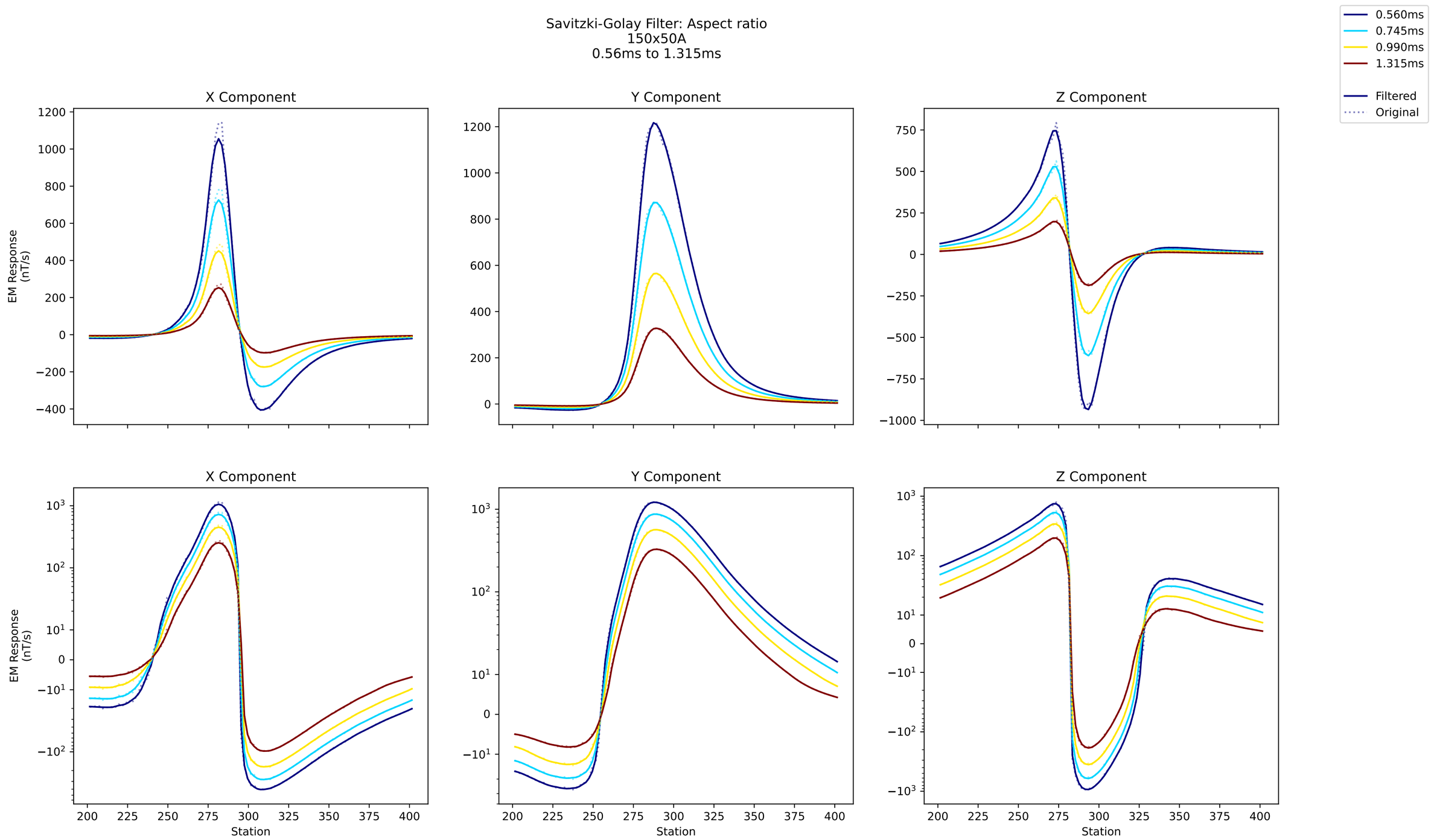
0.070ms
0.095ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
150x50A
0.095ms to 0.235ms
0.095ms
0.130ms
0.175ms
0.235ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
150x50A
0.235ms to 0.56ms
0.235ms
0.315ms
0.420ms
0.560ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
150x50A
0.56ms to 1.315ms
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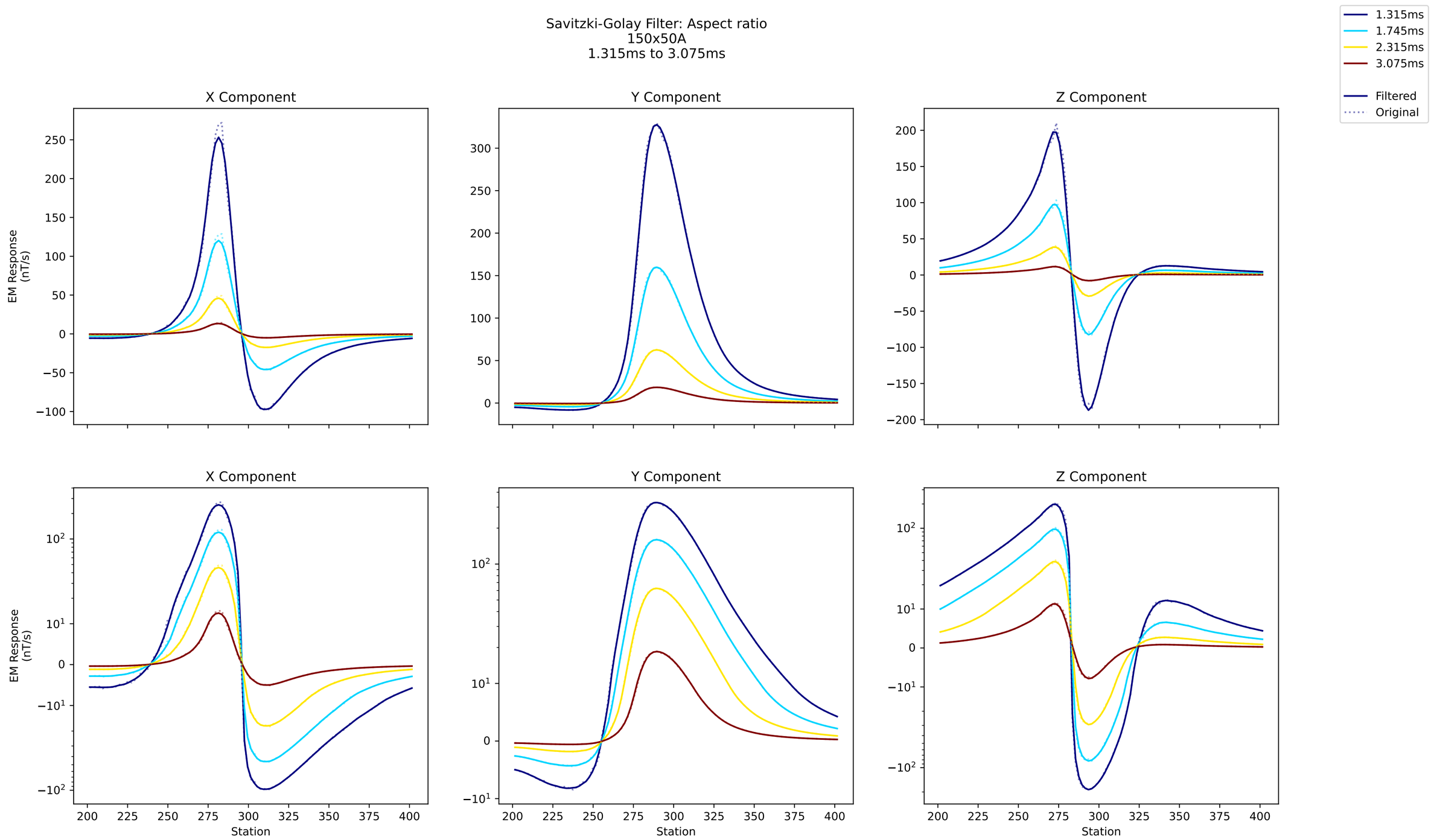
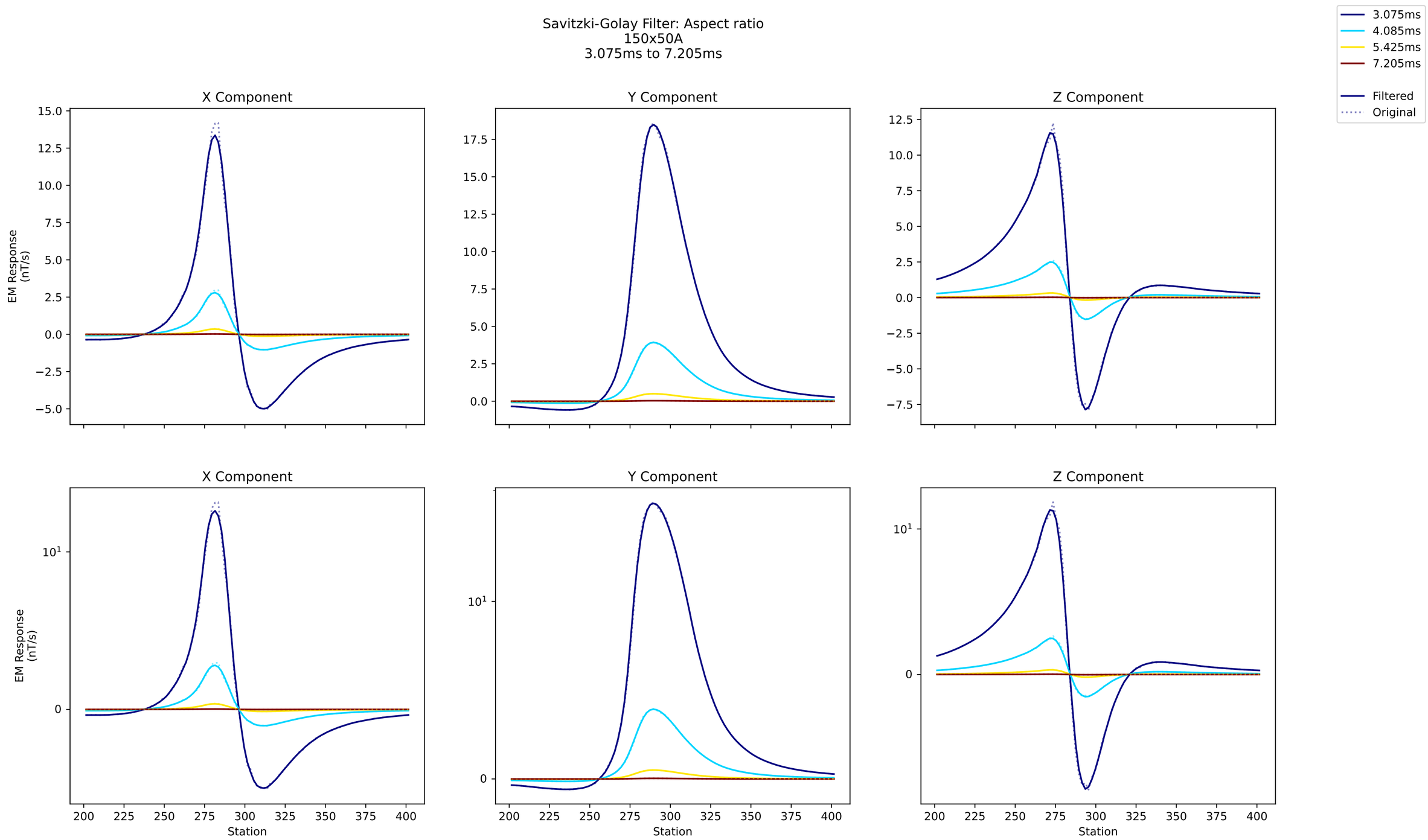
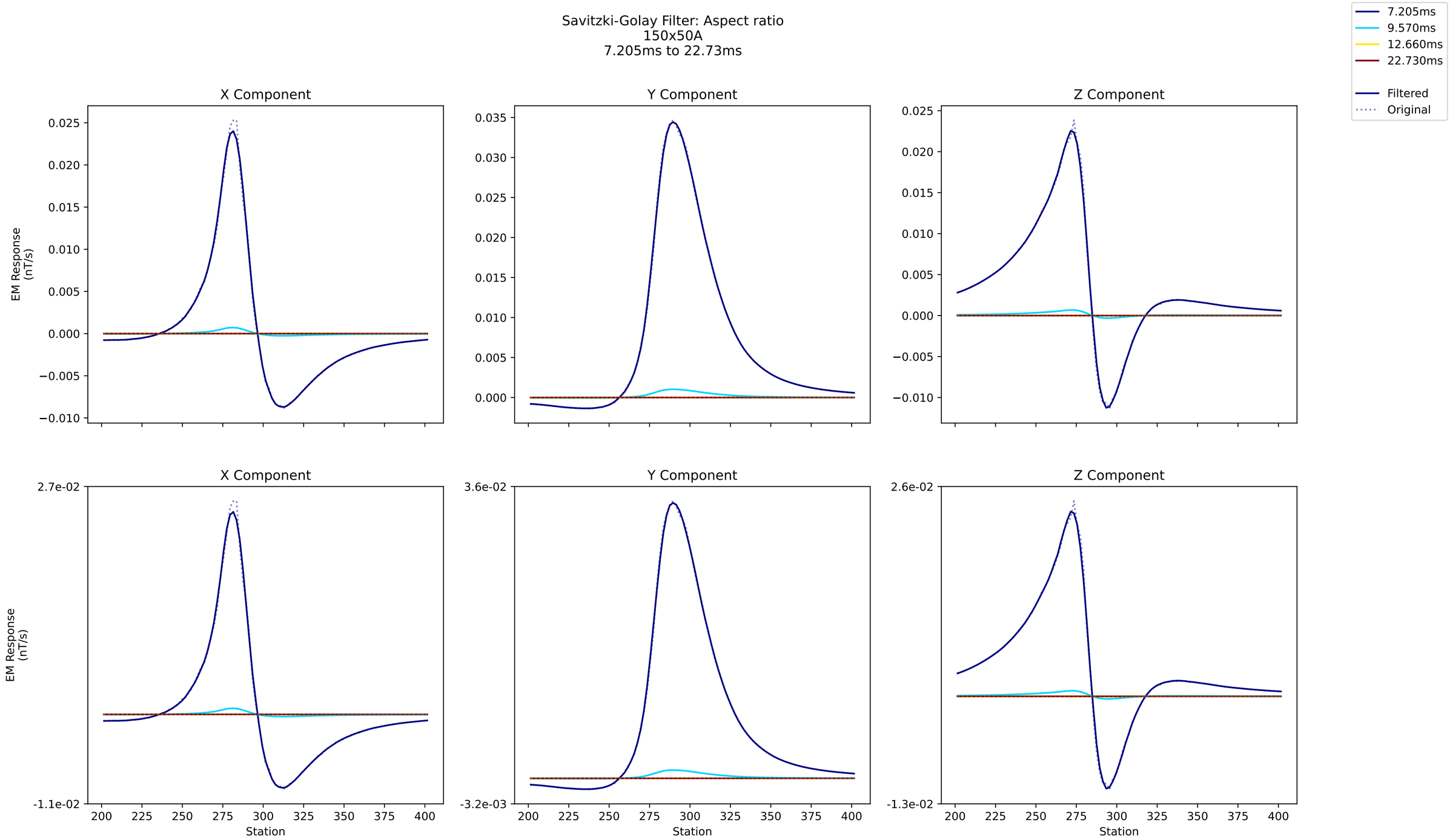
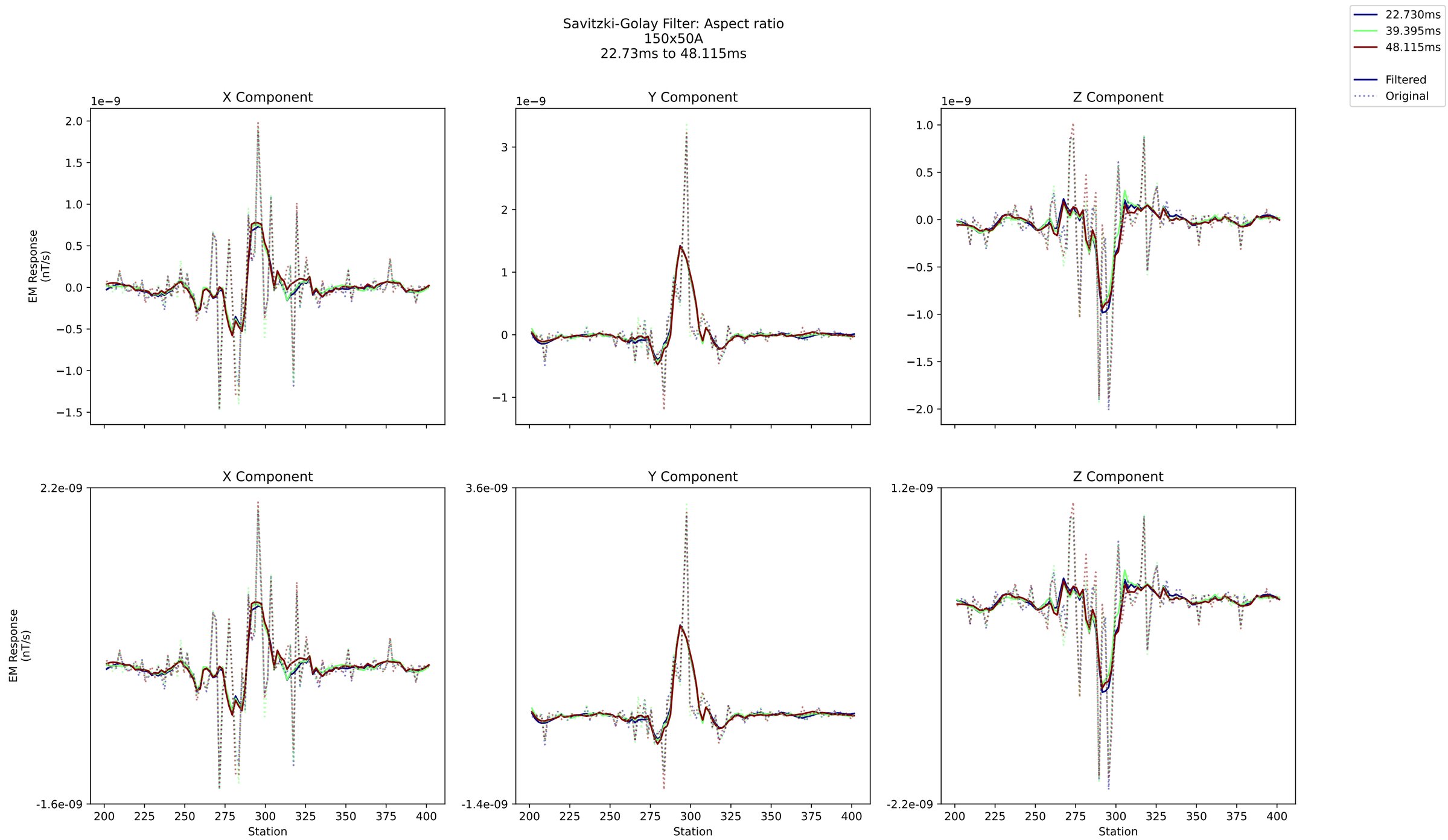
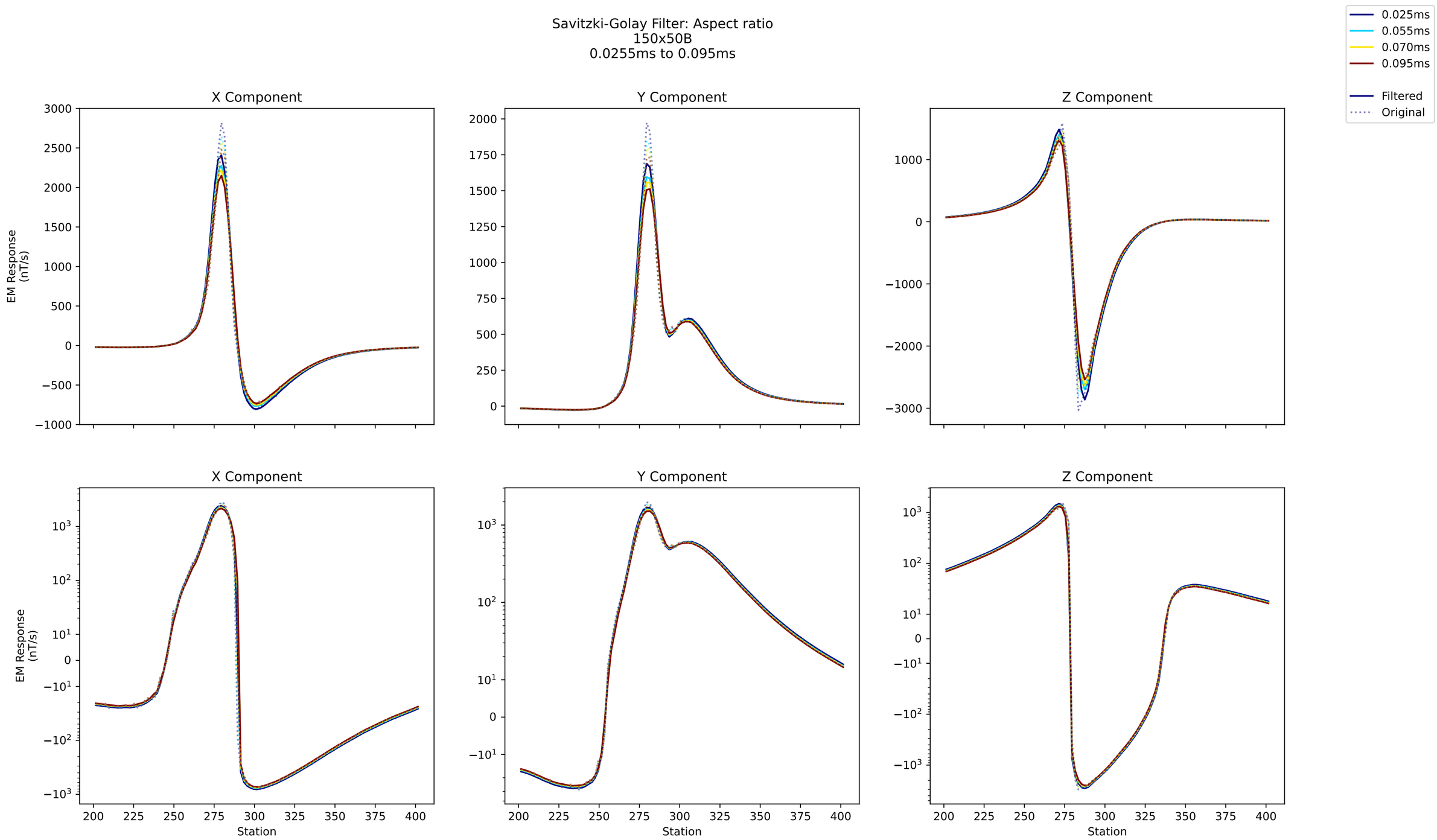
0.745ms
0.990ms
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

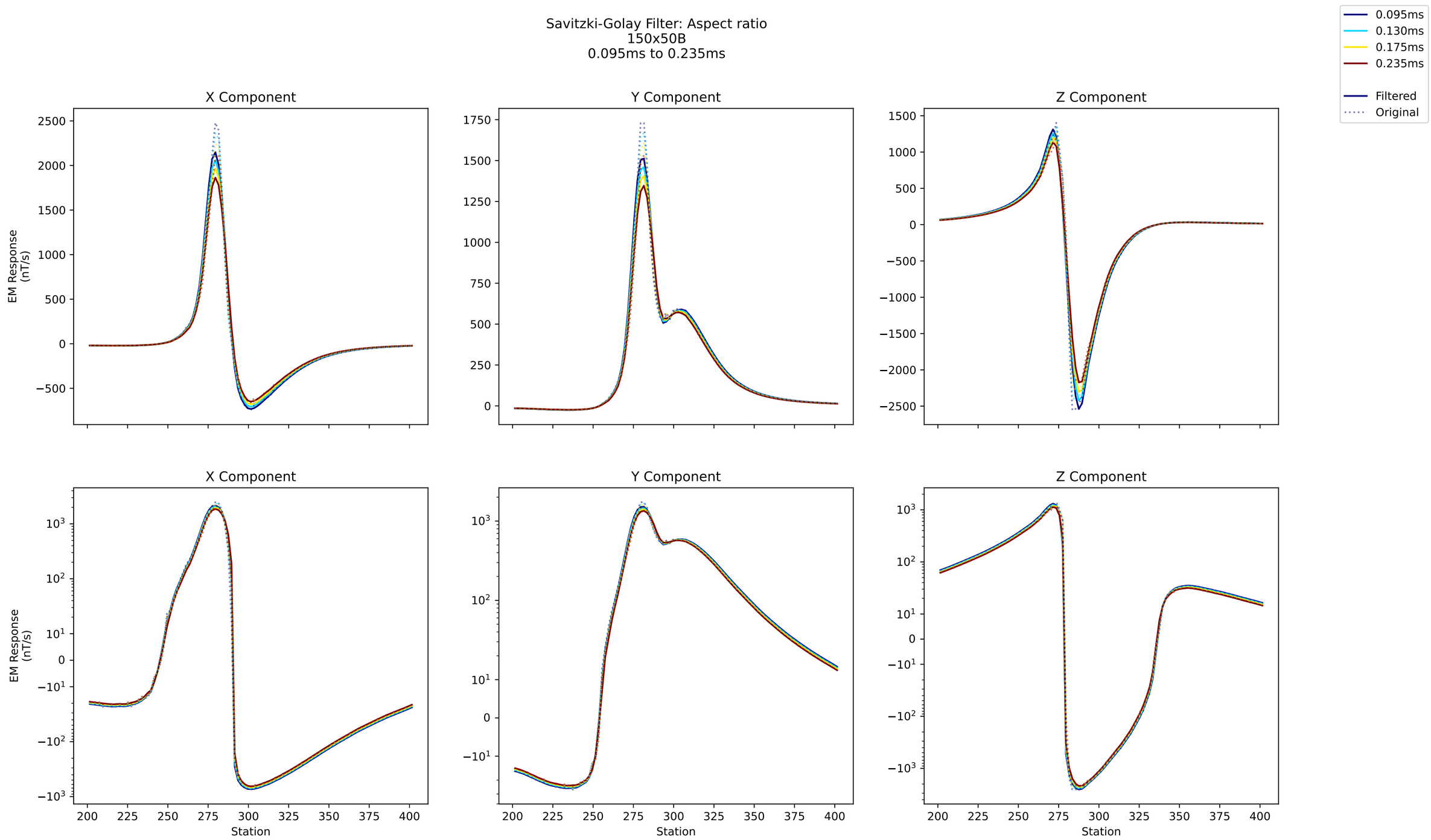

Savitzki-Golay Filter: Aspect ratio
150x50A
1.315ms to 3.075ms
1.315ms
1.745ms
2.315ms
3.075ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

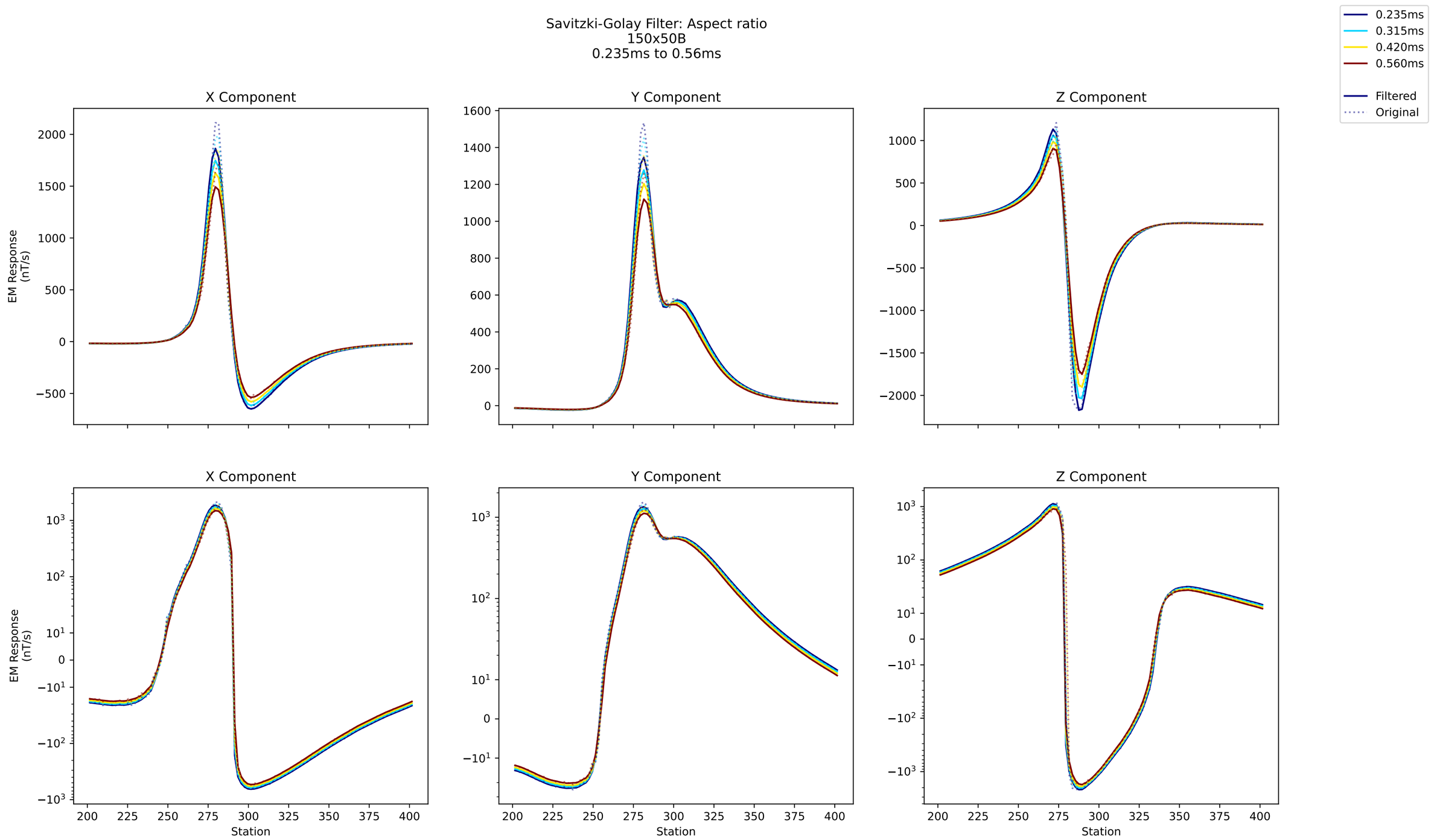

Savitzki-Golay Filter: Aspect ratio
150x50A
3.075ms to 7.205ms
3.075ms
4.085ms
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

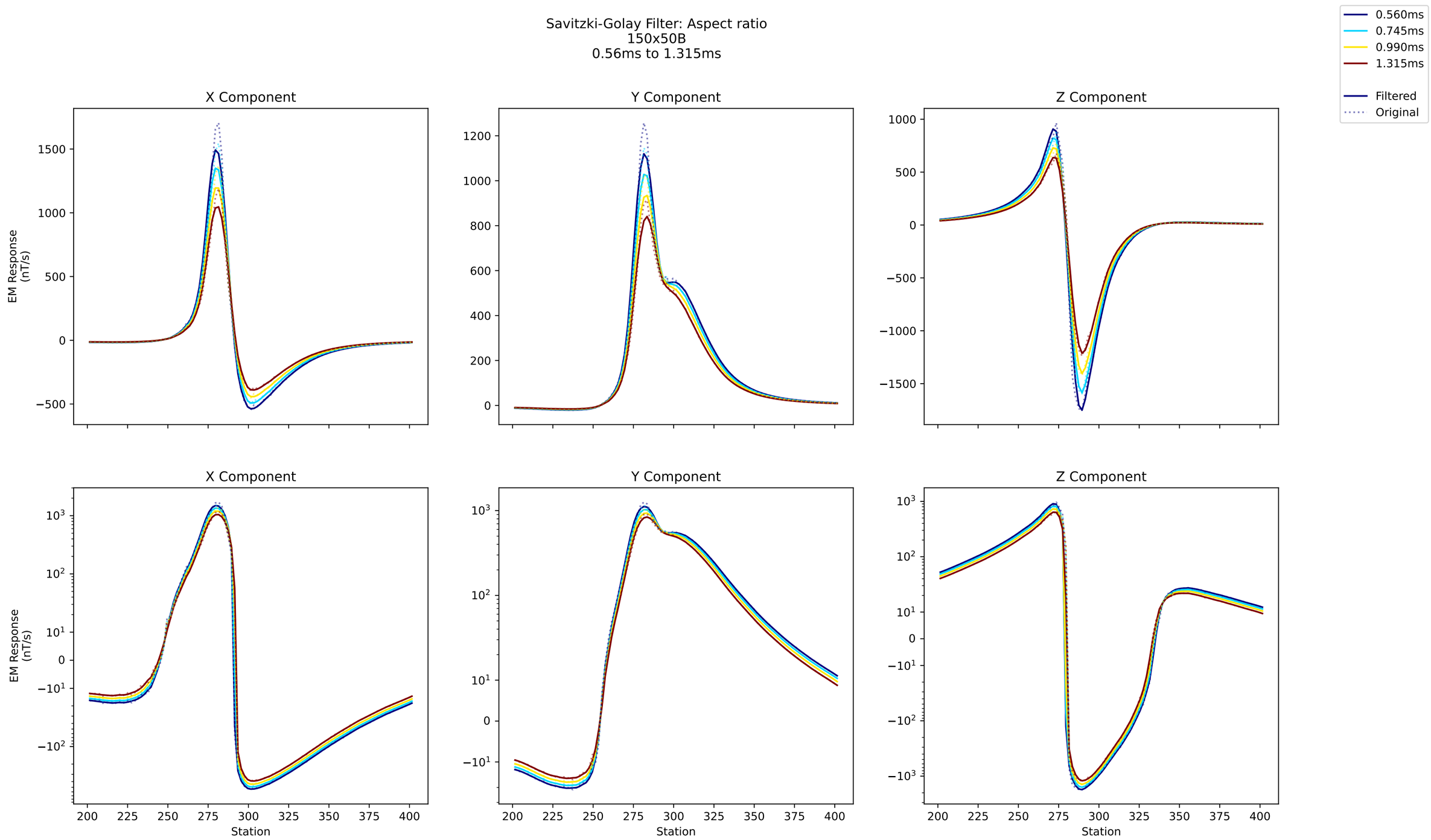

Savitzki-Golay Filter: Aspect ratio
150x50A
7.205ms to 22.73ms
7.205ms
9.570ms
12.660ms
22.730ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

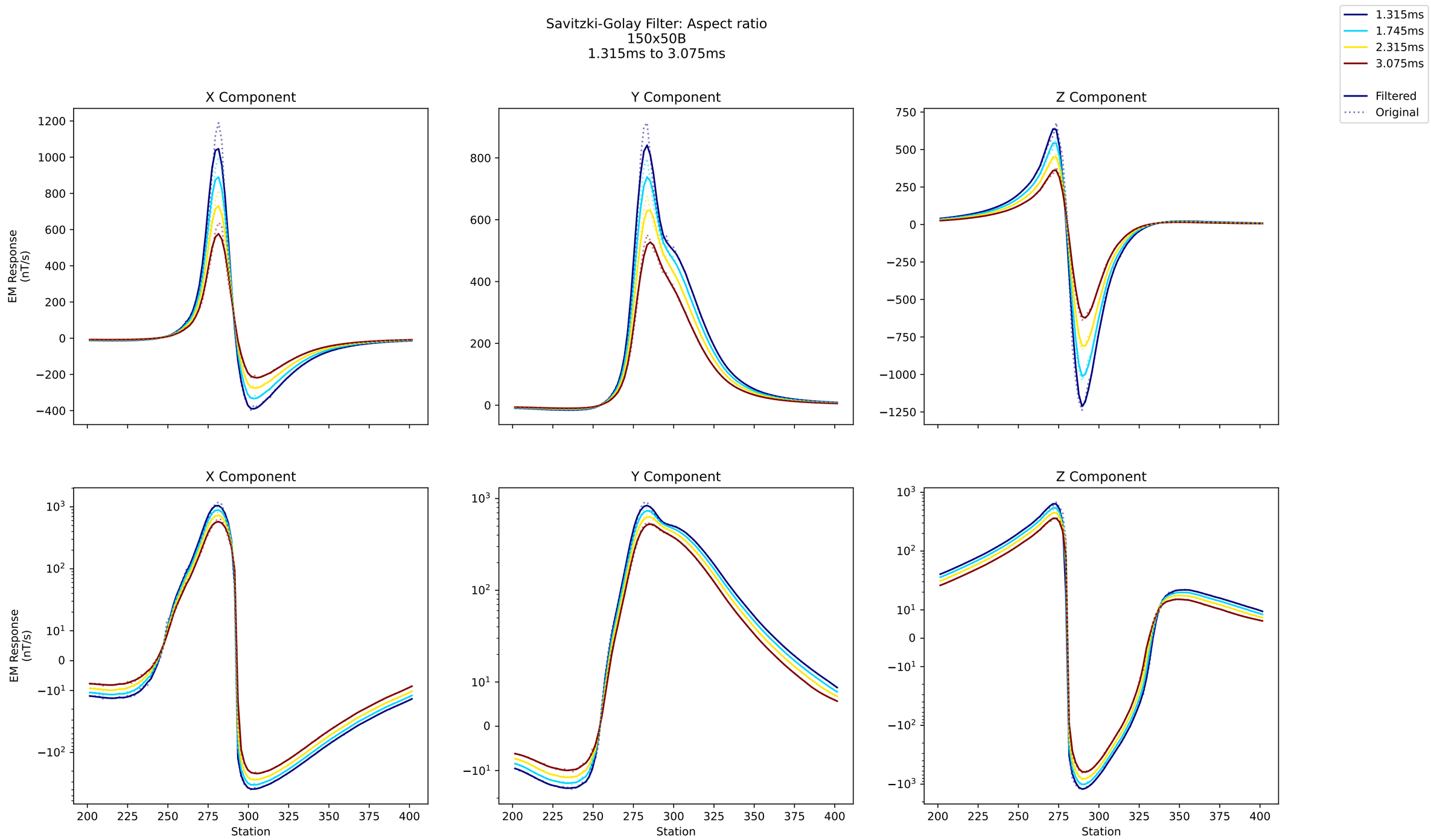

Savitzki-Golay Filter: Aspect ratio
150x50A
22.73ms to 48.115ms
22.730ms
39.395ms
48.115ms
Filtered
Original
X Component
Y Component
Z Component
1e−9
EM Response
(nT/s)
2.2e-09
-1.6e-09
3.6e-09
-1.4e-09
1.2e-09
-2.2e-09
200
225
250
275
300
325
350
375
400
Station

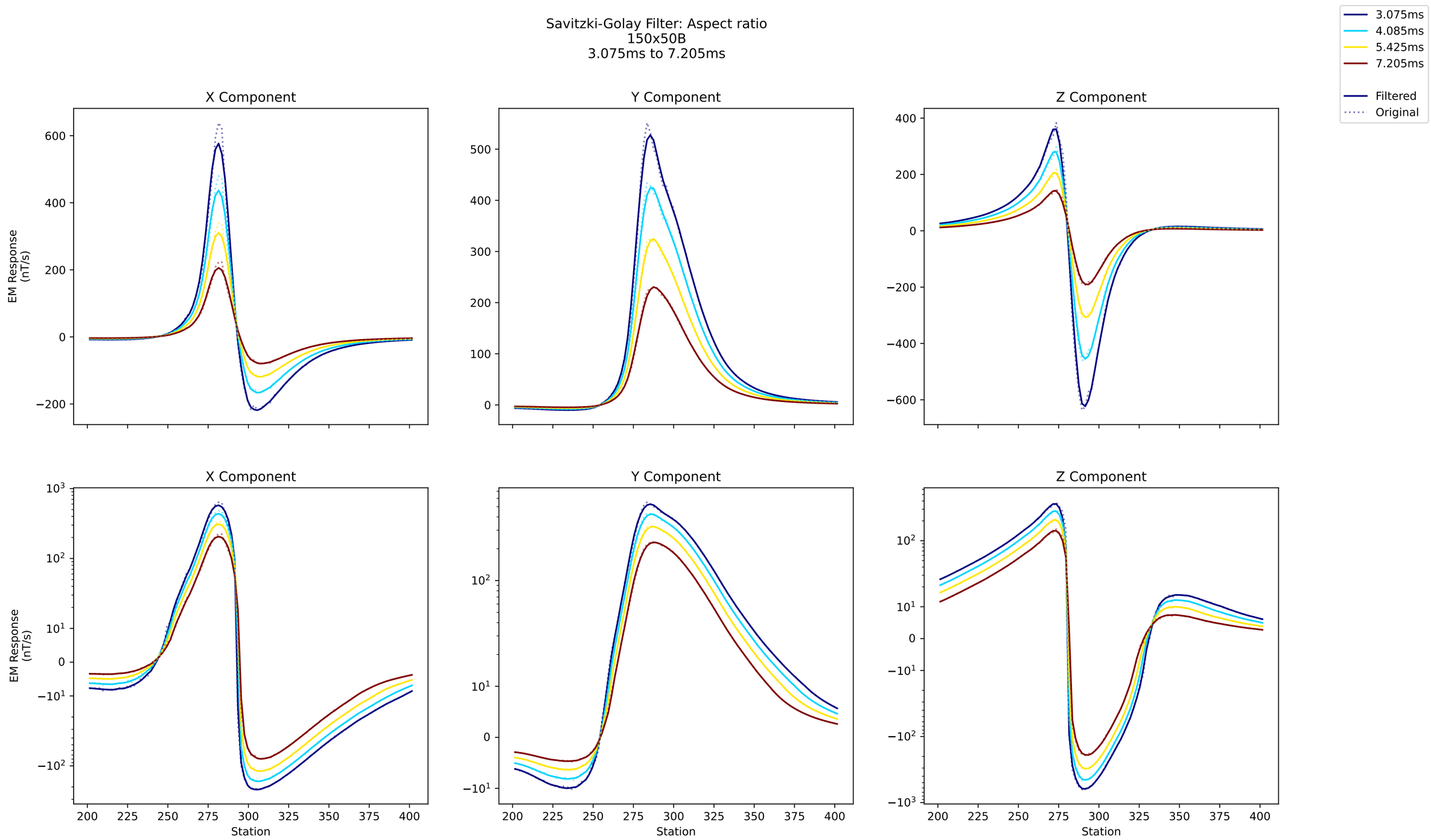

Savitzki-Golay Filter: Aspect ratio
150x50B
0.0255ms to 0.095ms
0.025ms
0.055ms
0.070ms
0.095ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

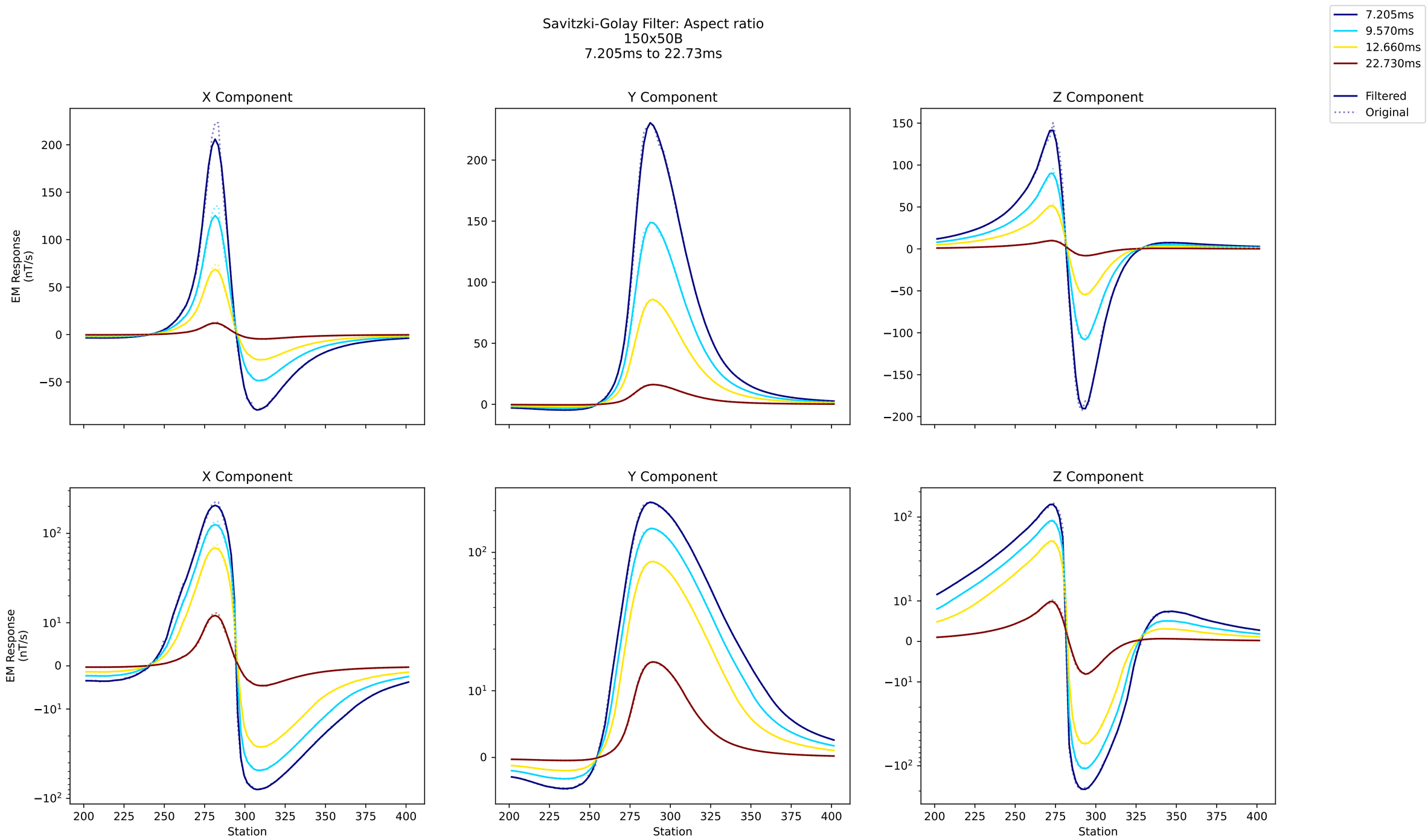

Savitzki-Golay Filter: Aspect ratio
150x50B
0.095ms to 0.235ms
0.095ms
0.130ms
0.175ms
0.235ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

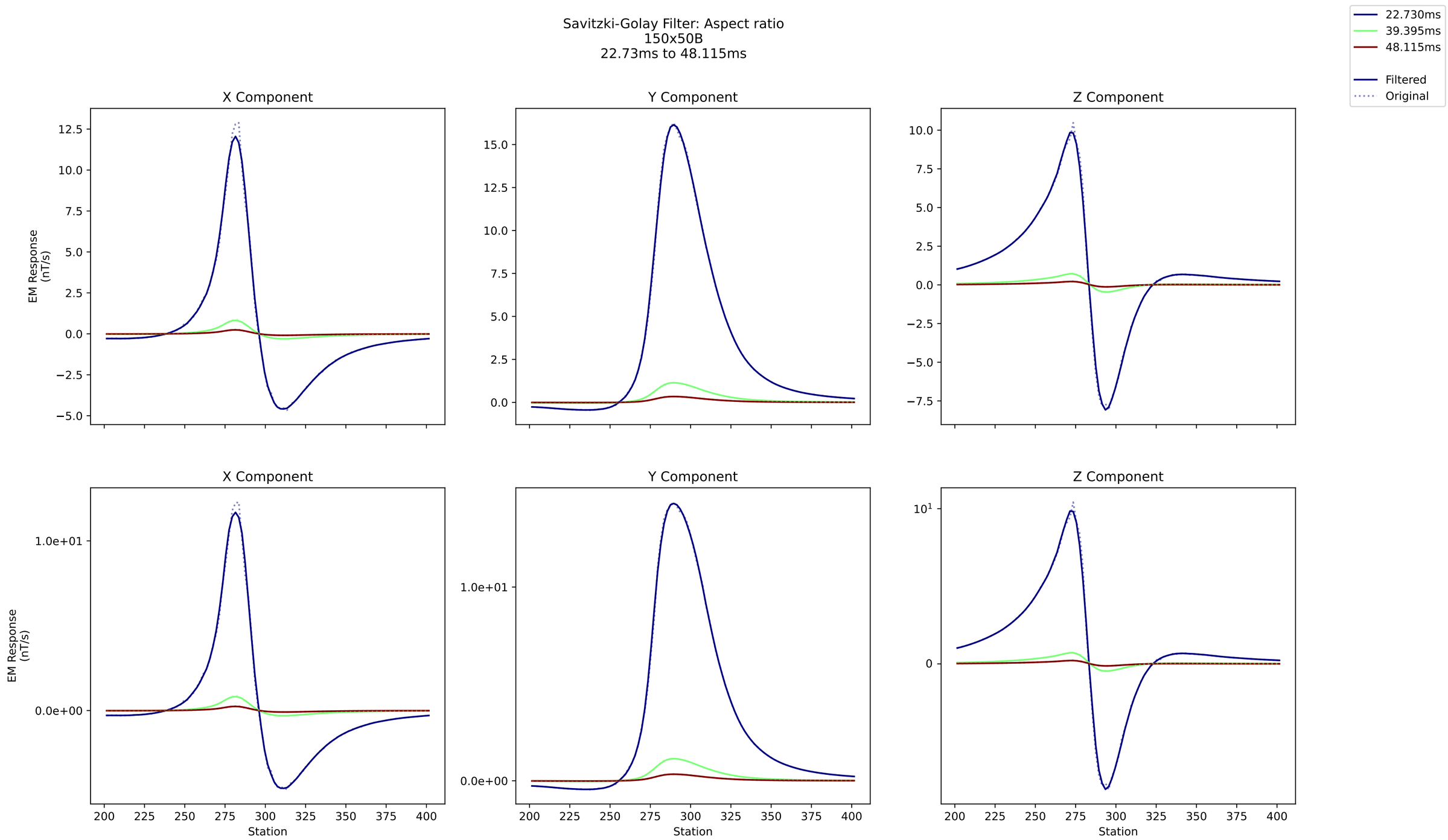

Savitzki-Golay Filter: Aspect ratio
150x50B
0.235ms to 0.56ms
0.235ms
0.315ms
0.420ms
0.560ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

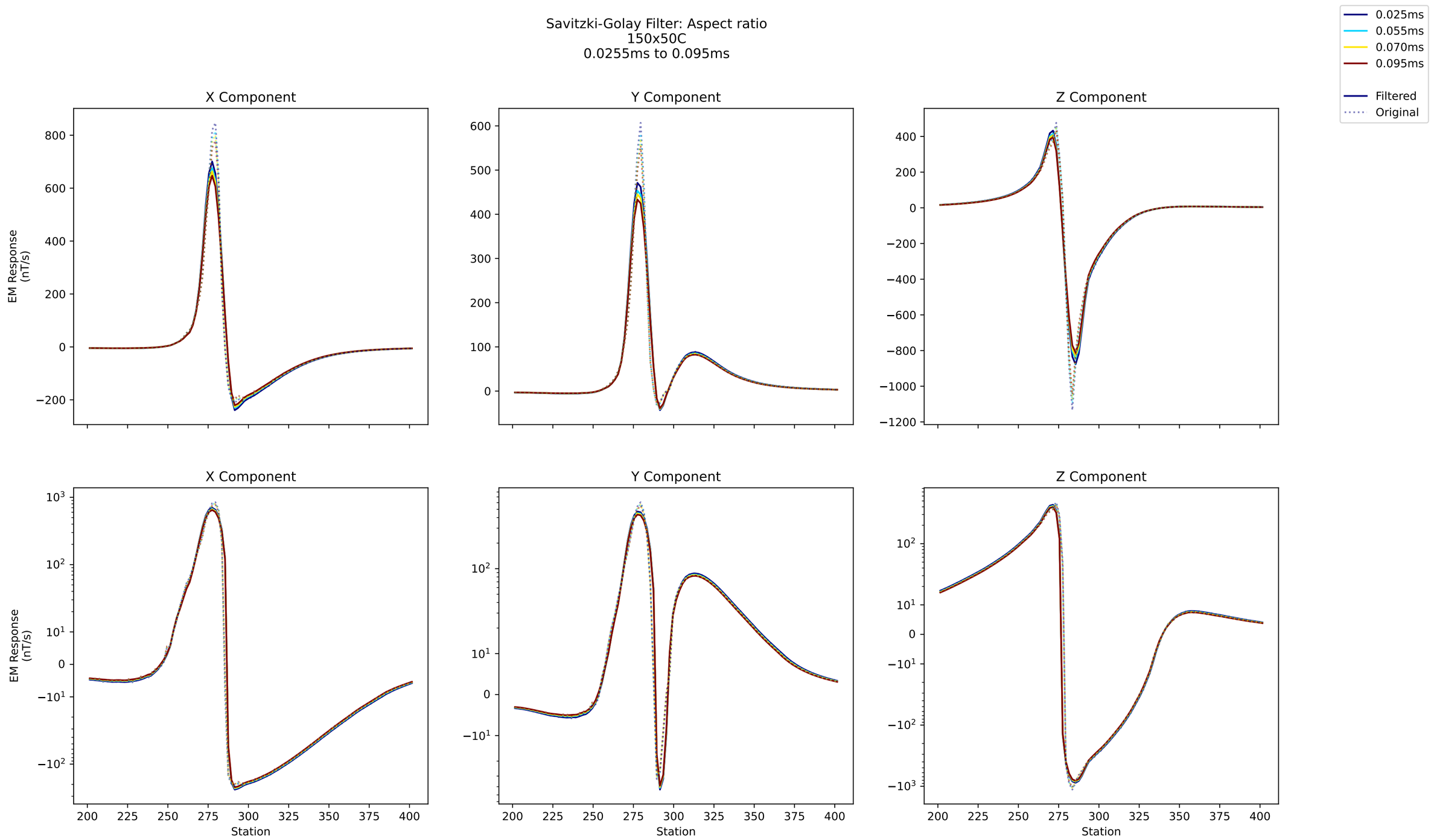

Savitzki-Golay Filter: Aspect ratio
150x50B
0.56ms to 1.315ms
0.560ms
0.745ms
0.990ms
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

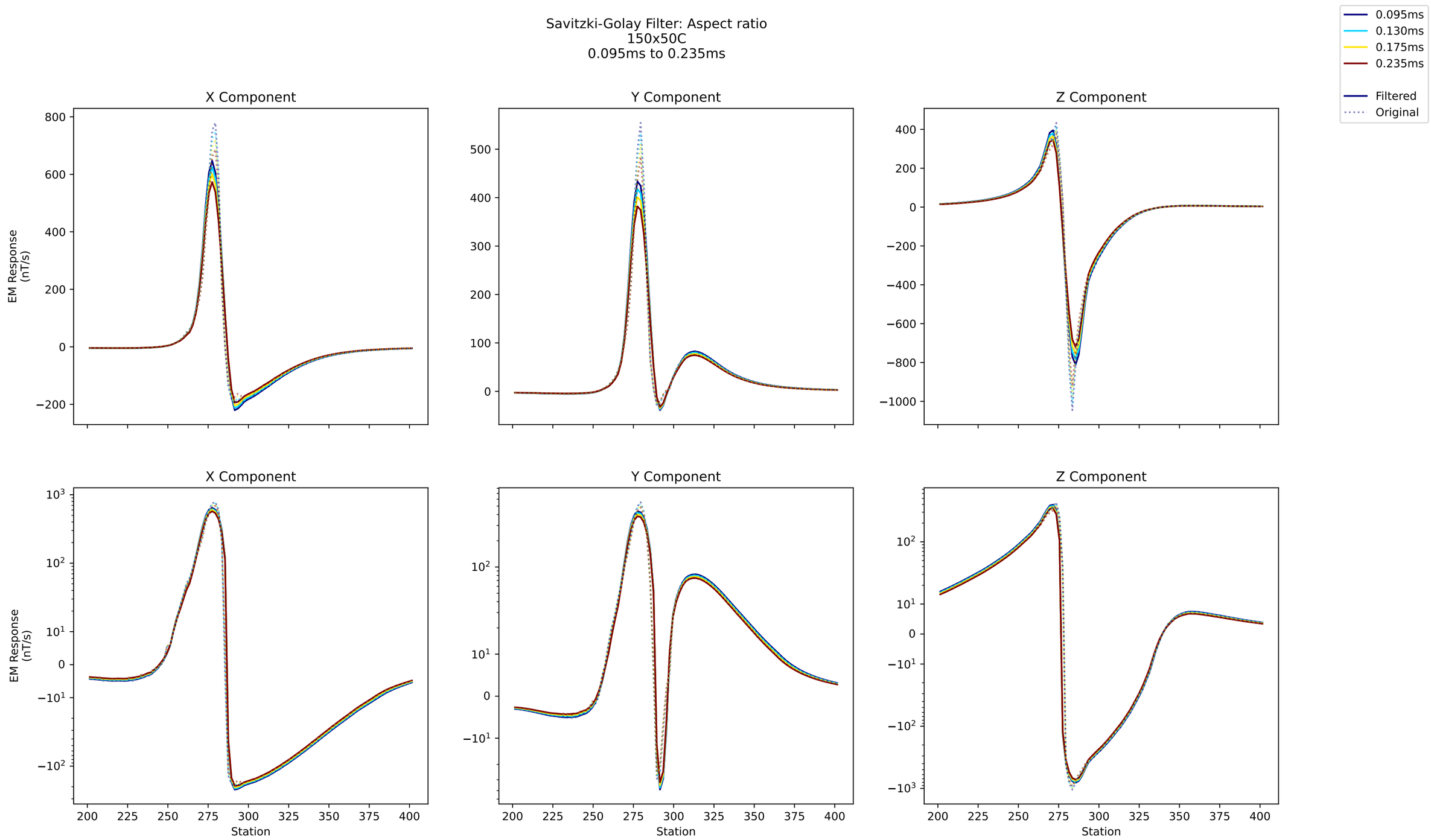

Savitzki-Golay Filter: Aspect ratio
150x50B
1.315ms to 3.075ms
1.315ms
1.745ms
2.315ms
3.075ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

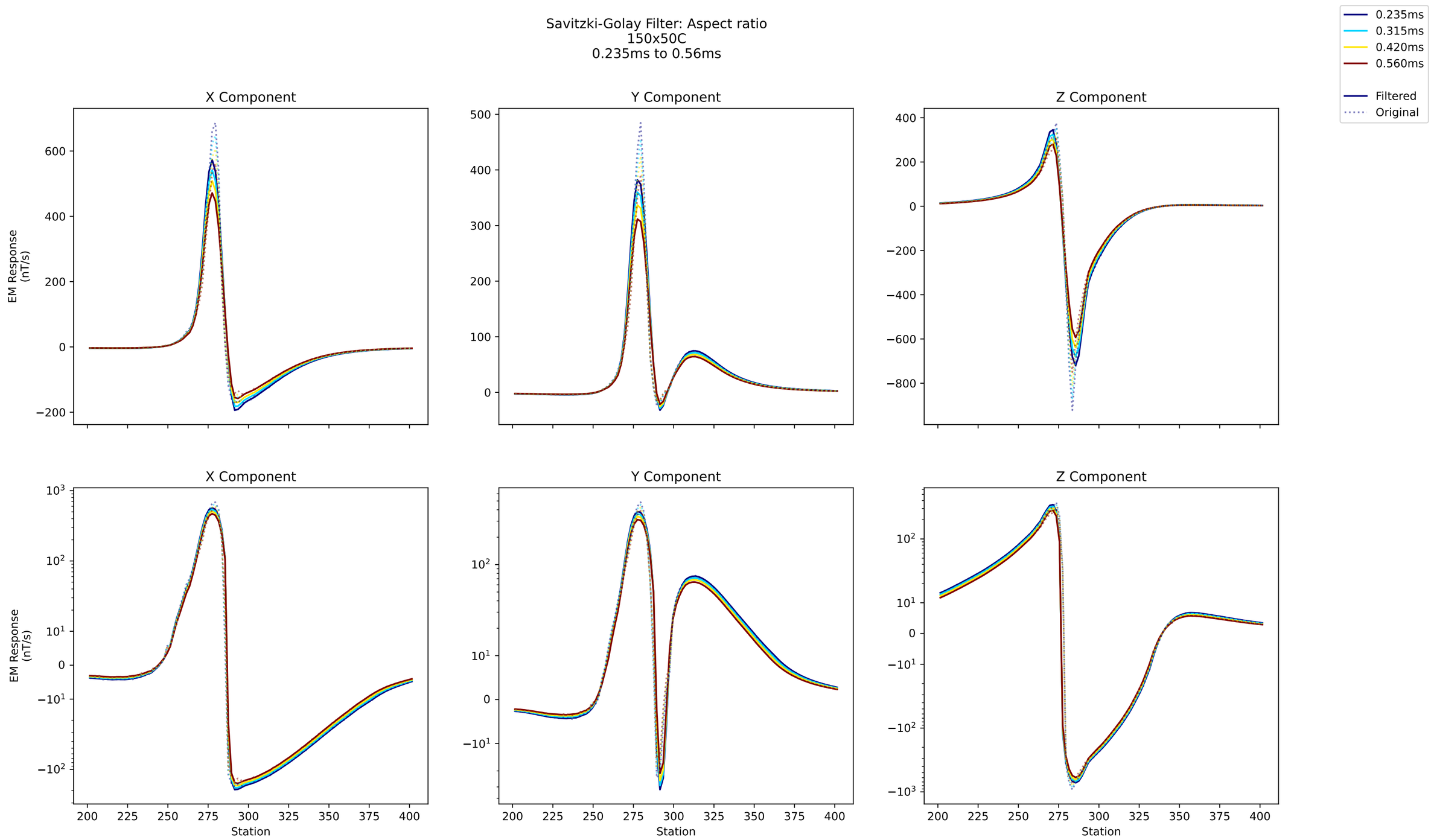

Savitzki-Golay Filter: Aspect ratio
150x50B
3.075ms to 7.205ms
3.075ms
4.085ms
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

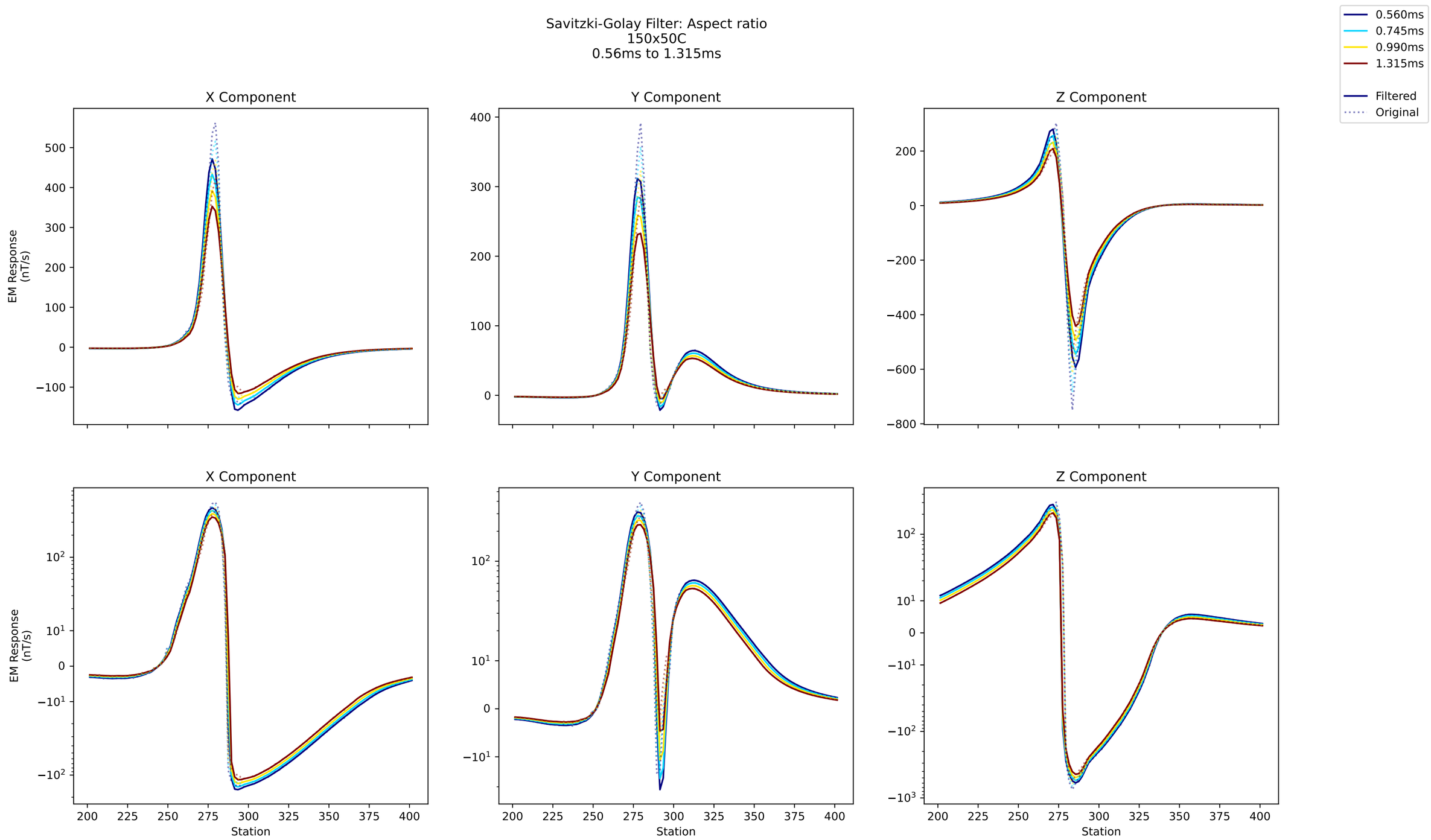

Savitzki-Golay Filter: Aspect ratio
150x50B
7.205ms to 22.73ms
7.205ms
9.570ms
12.660ms
22.730ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

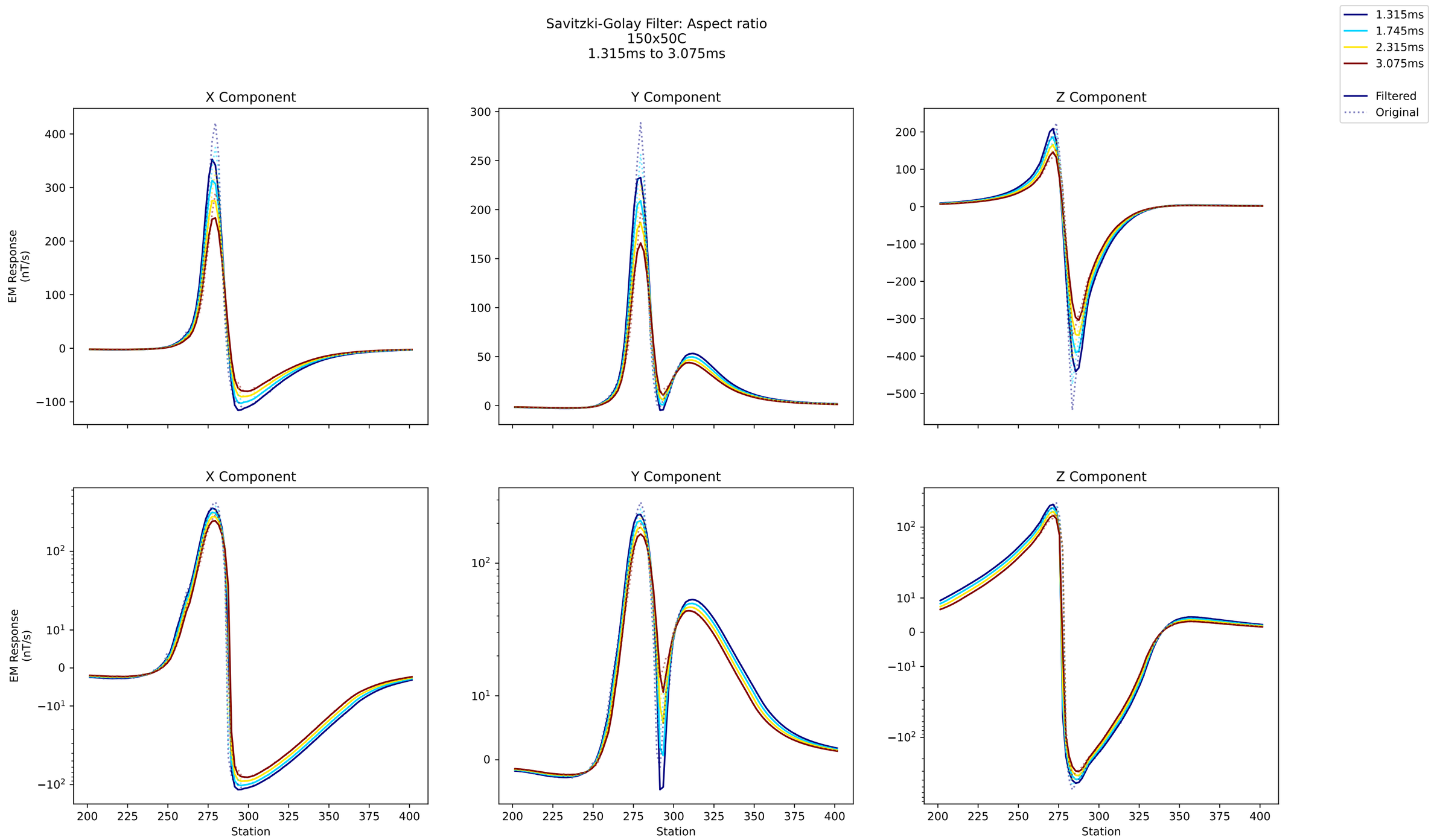

Savitzki-Golay Filter: Aspect ratio
150x50B
22.73ms to 48.115ms
22.730ms
39.395ms
48.115ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

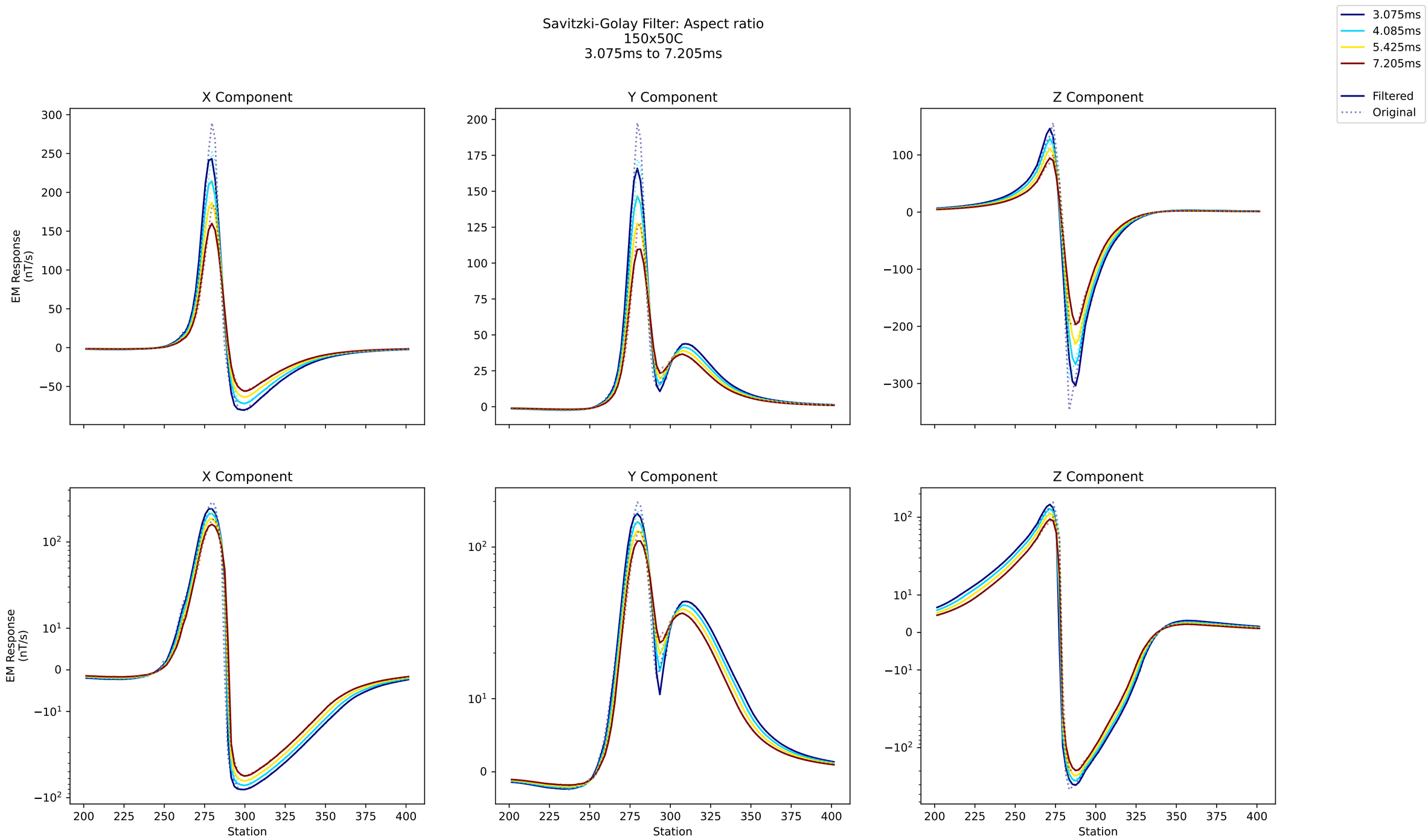

Savitzki-Golay Filter: Aspect ratio
150x50C
0.0255ms to 0.095ms
0.025ms
0.055ms
0.070ms
0.095ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

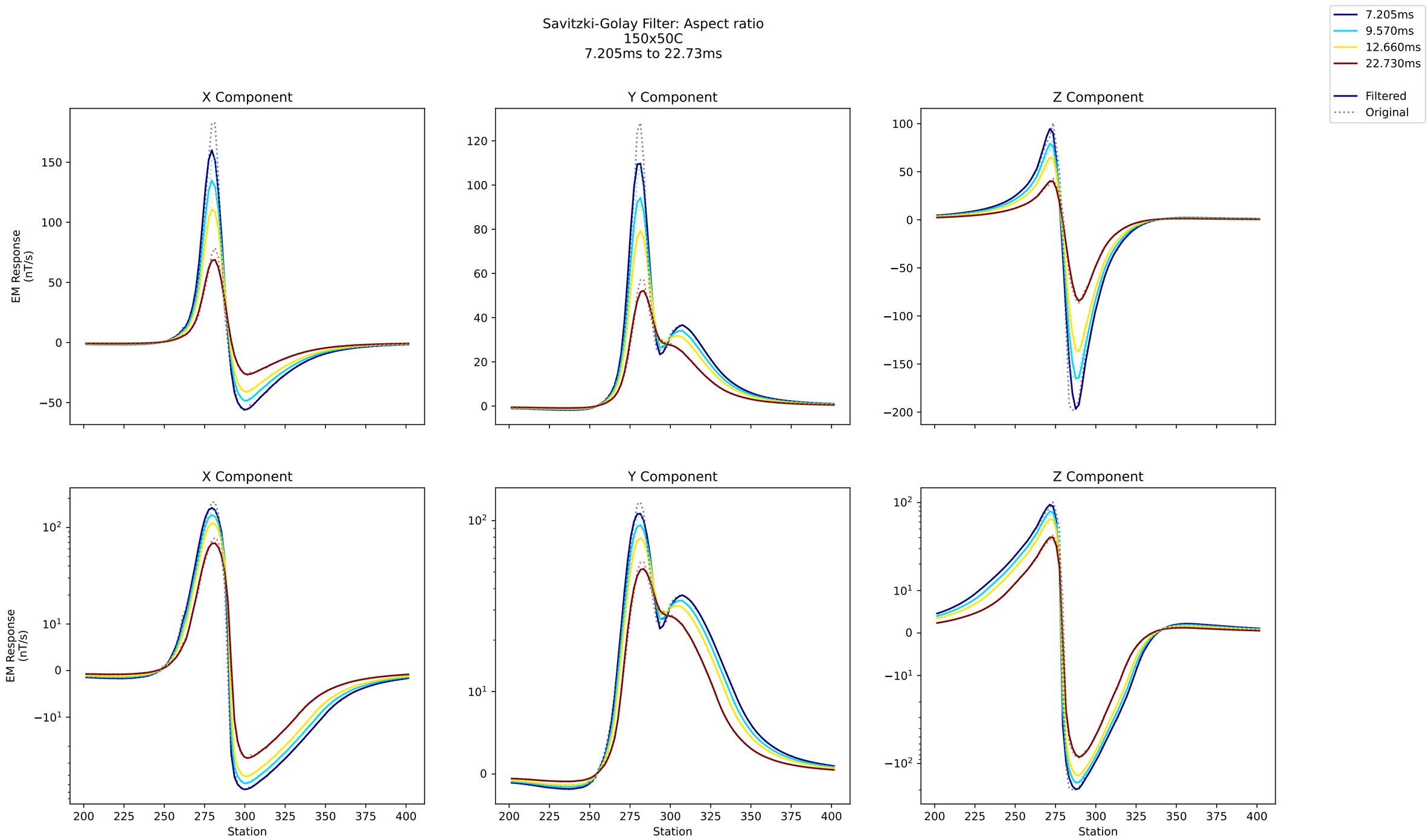

Savitzki-Golay Filter: Aspect ratio
150x50C
0.095ms to 0.235ms
0.095ms
0.130ms
0.175ms
0.235ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

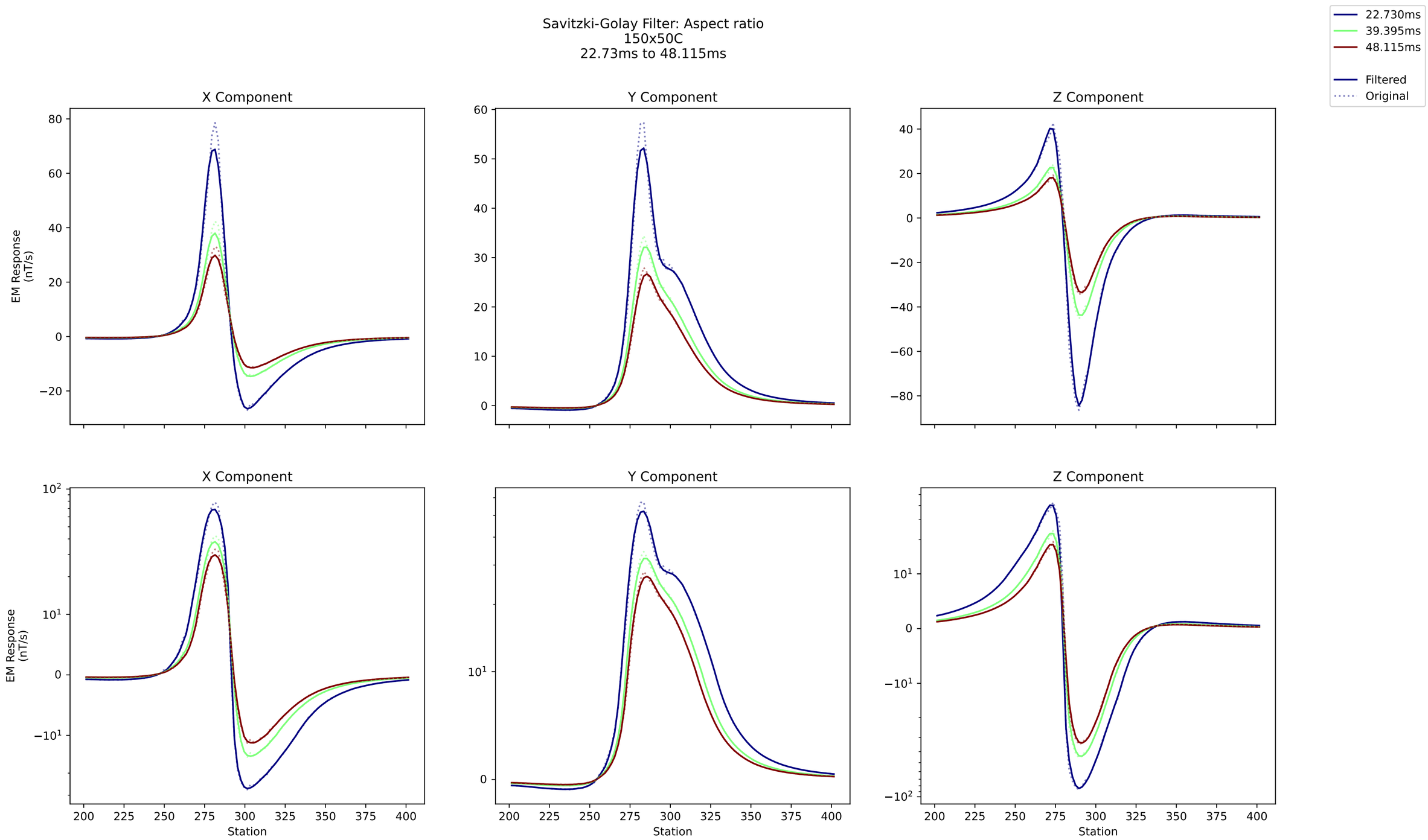

Savitzki-Golay Filter: Aspect ratio
150x50C
0.235ms to 0.56ms
0.235ms
0.315ms
0.420ms
0.560ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

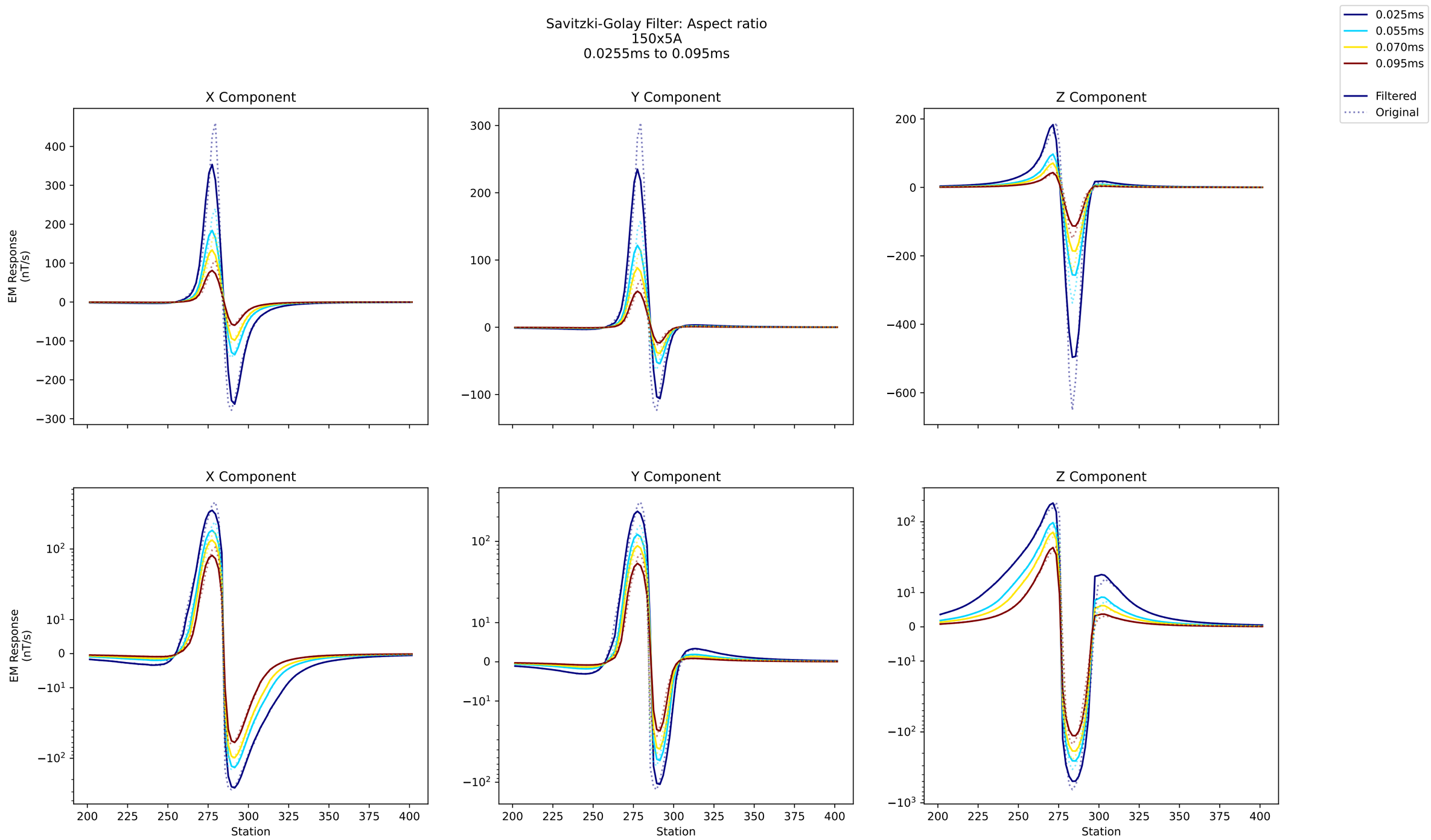

Savitzki-Golay Filter: Aspect ratio
150x50C
0.56ms to 1.315ms
0.560ms
0.745ms
0.990ms
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

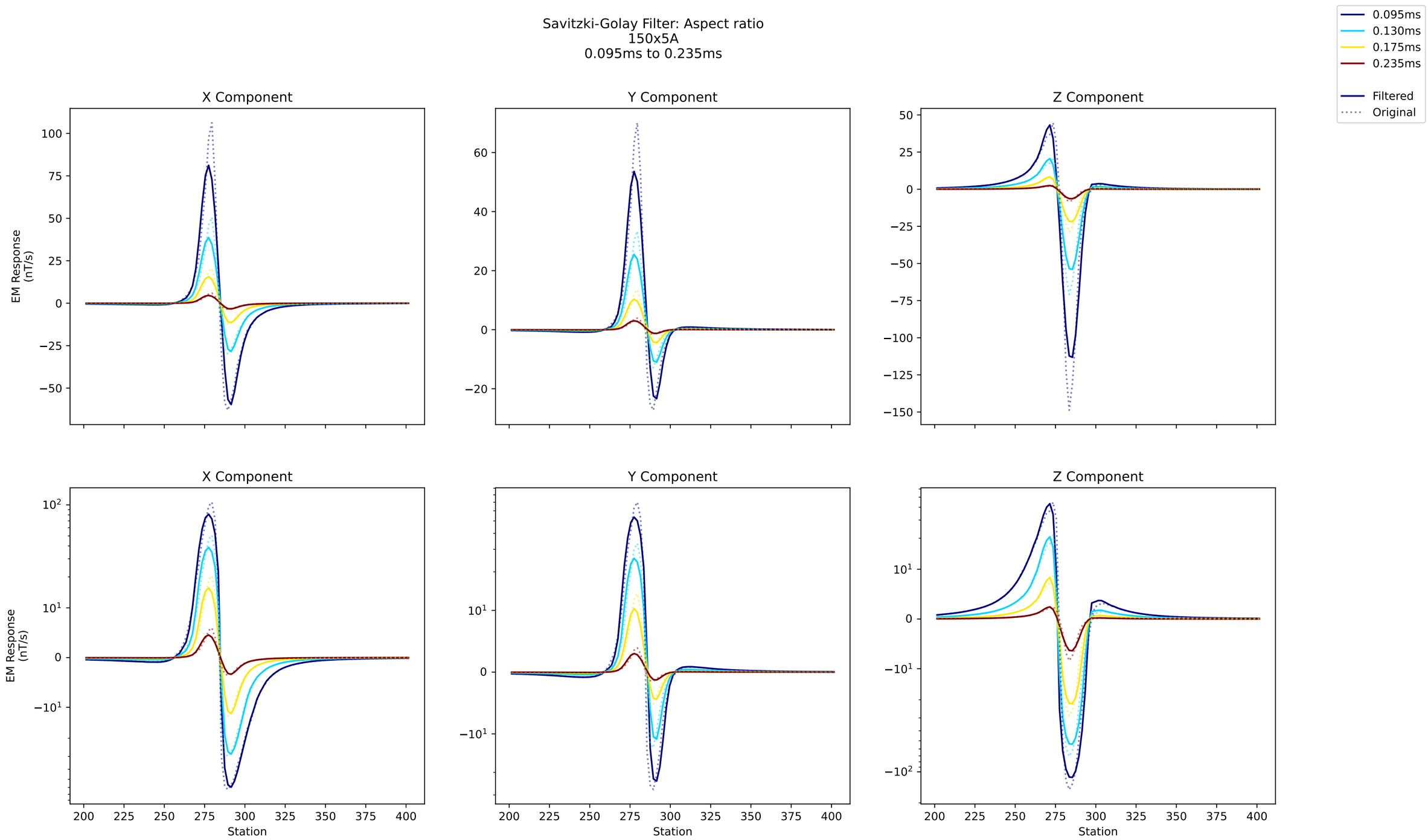

Savitzki-Golay Filter: Aspect ratio
150x50C
1.315ms to 3.075ms
1.315ms
1.745ms
2.315ms
3.075ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

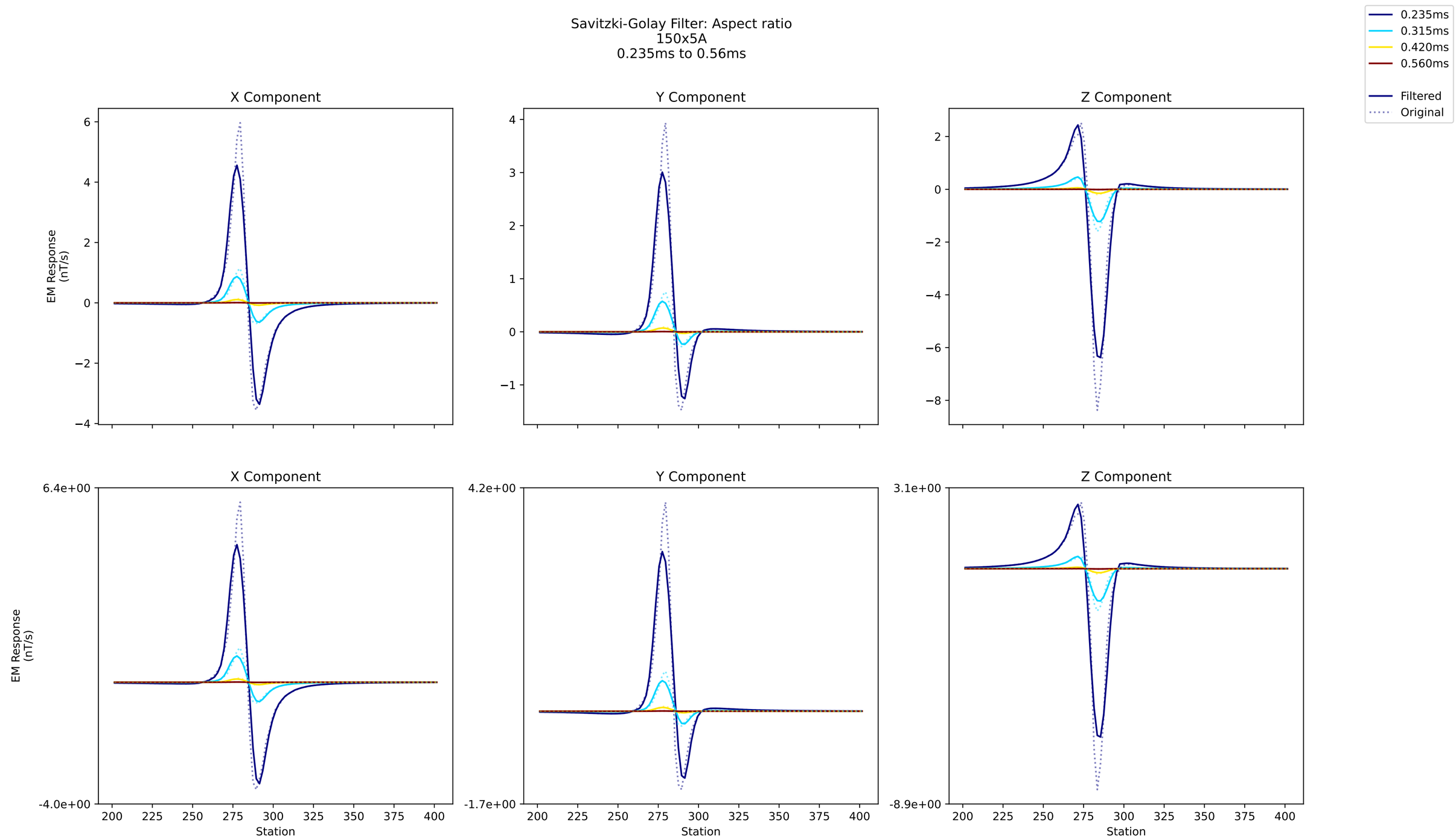

Savitzki-Golay Filter: Aspect ratio
150x50C
3.075ms to 7.205ms
3.075ms
4.085ms
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

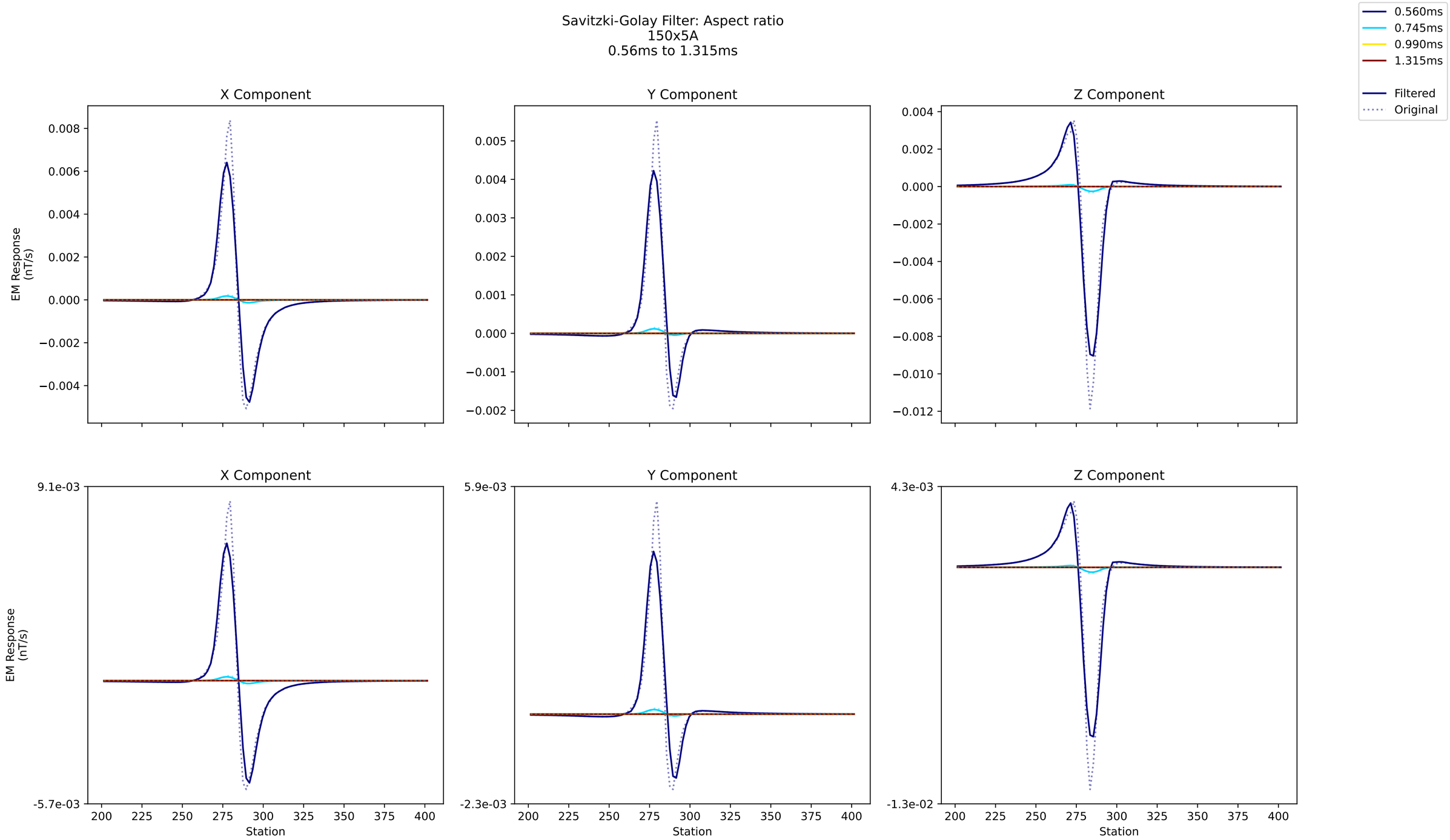

Savitzki-Golay Filter: Aspect ratio
150x50C
7.205ms to 22.73ms
7.205ms
9.570ms
12.660ms
22.730ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

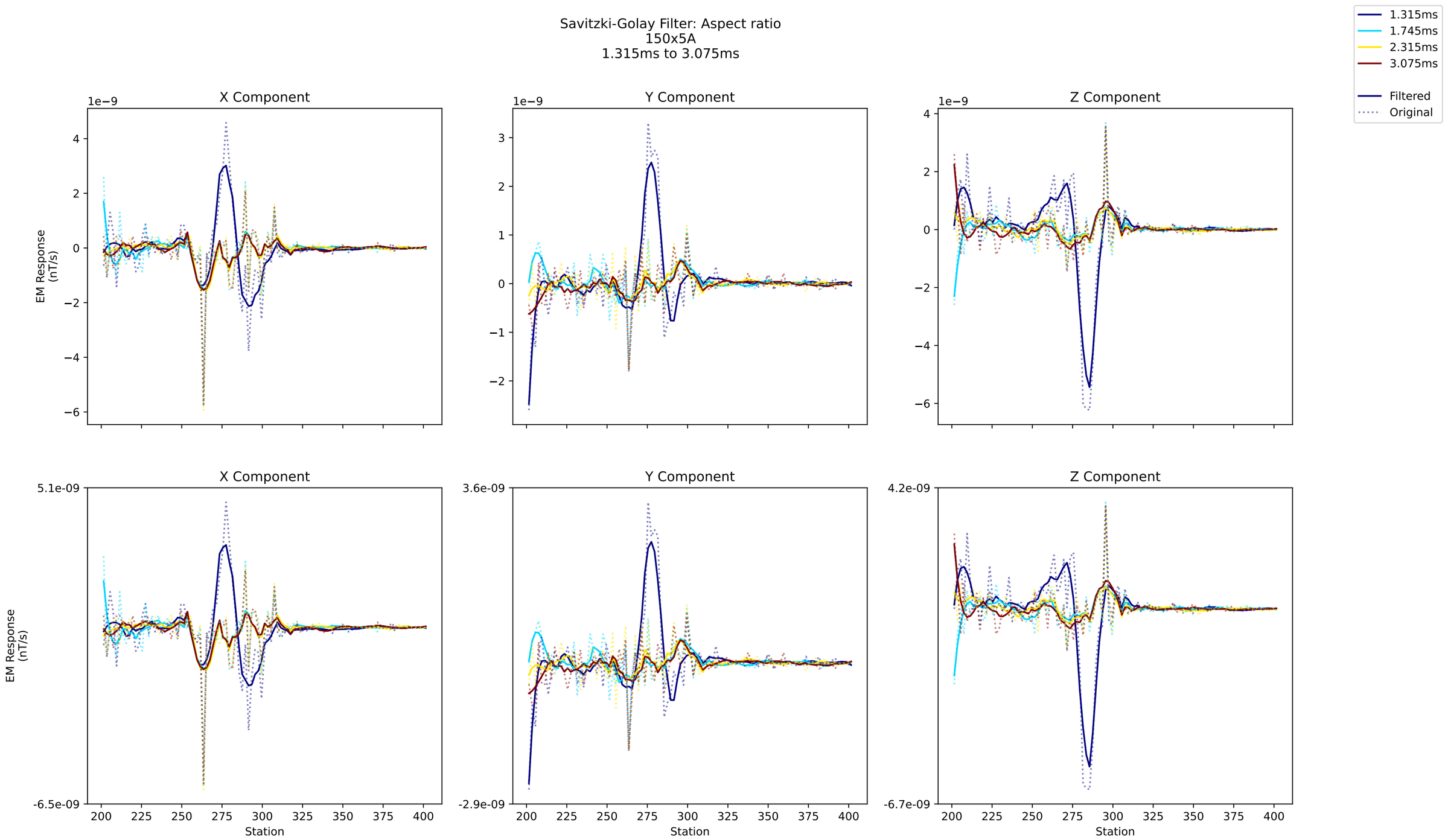

Savitzki-Golay Filter: Aspect ratio
150x50C
22.73ms to 48.115ms
22.730ms
39.395ms
48.115ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

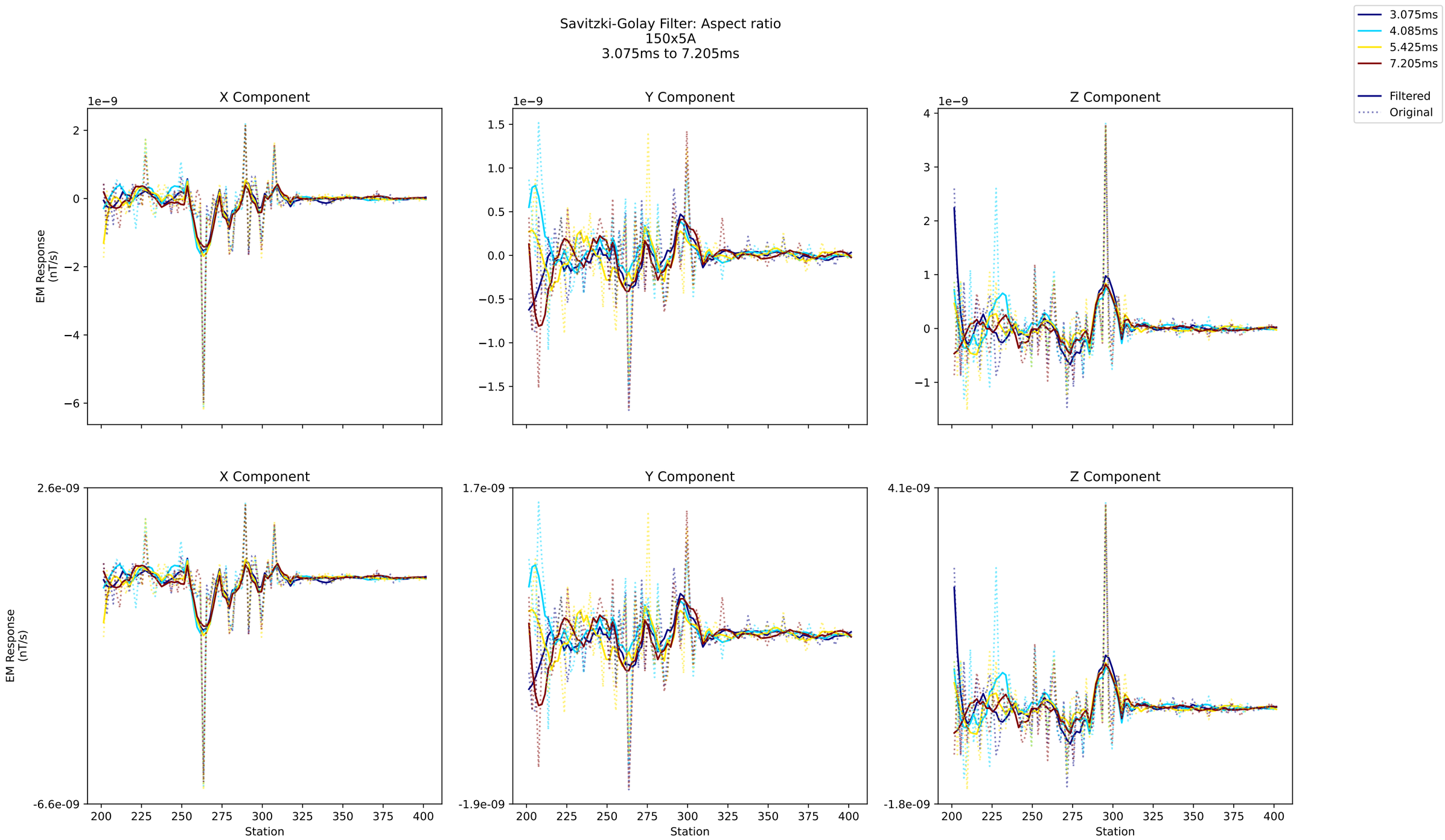

Savitzki-Golay Filter: Aspect ratio
150x5A
0.0255ms to 0.095ms
0.025ms
0.055ms
0.070ms
0.095ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

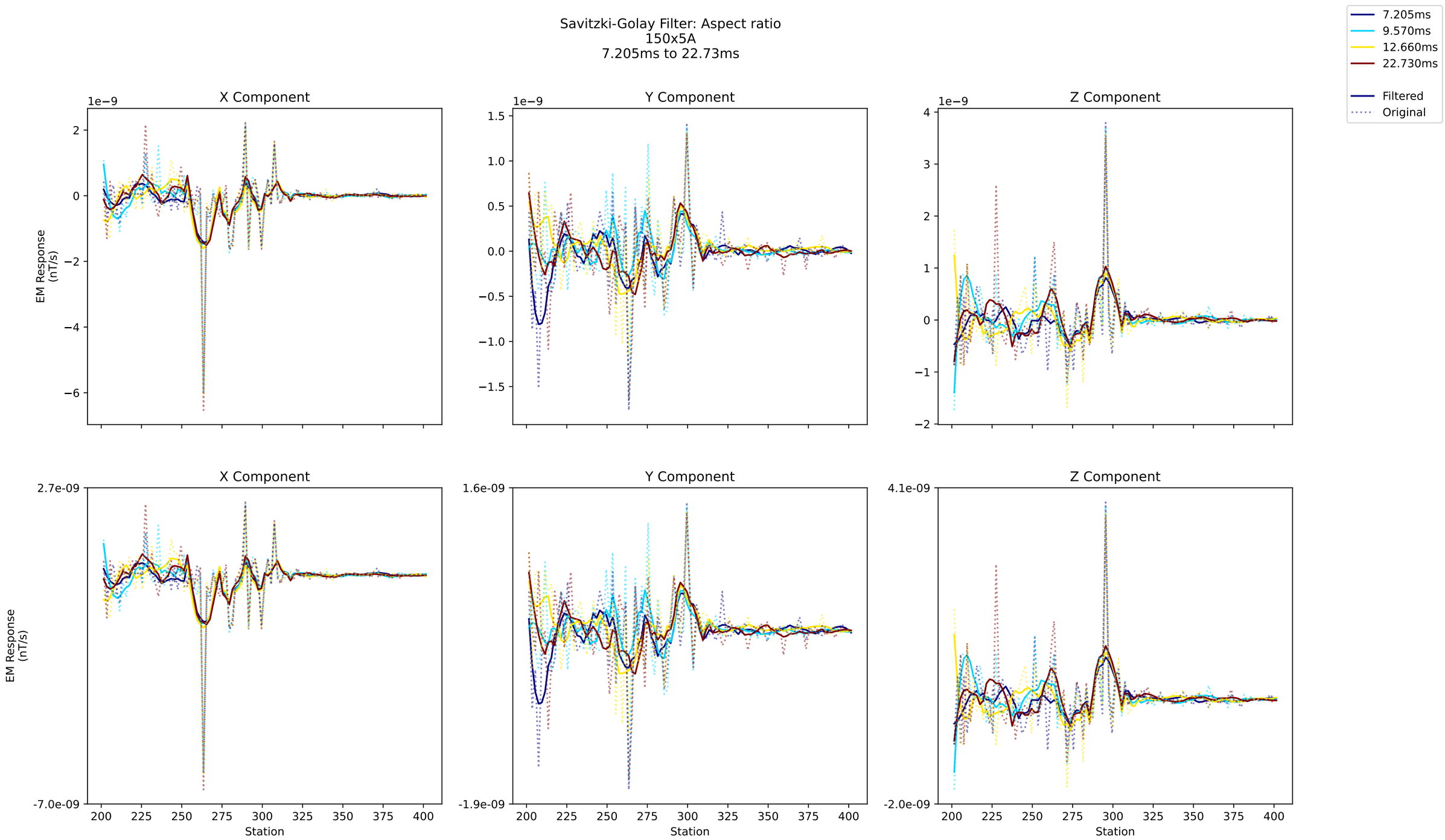

Savitzki-Golay Filter: Aspect ratio
150x5A
0.095ms to 0.235ms
0.095ms
0.130ms
0.175ms
0.235ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

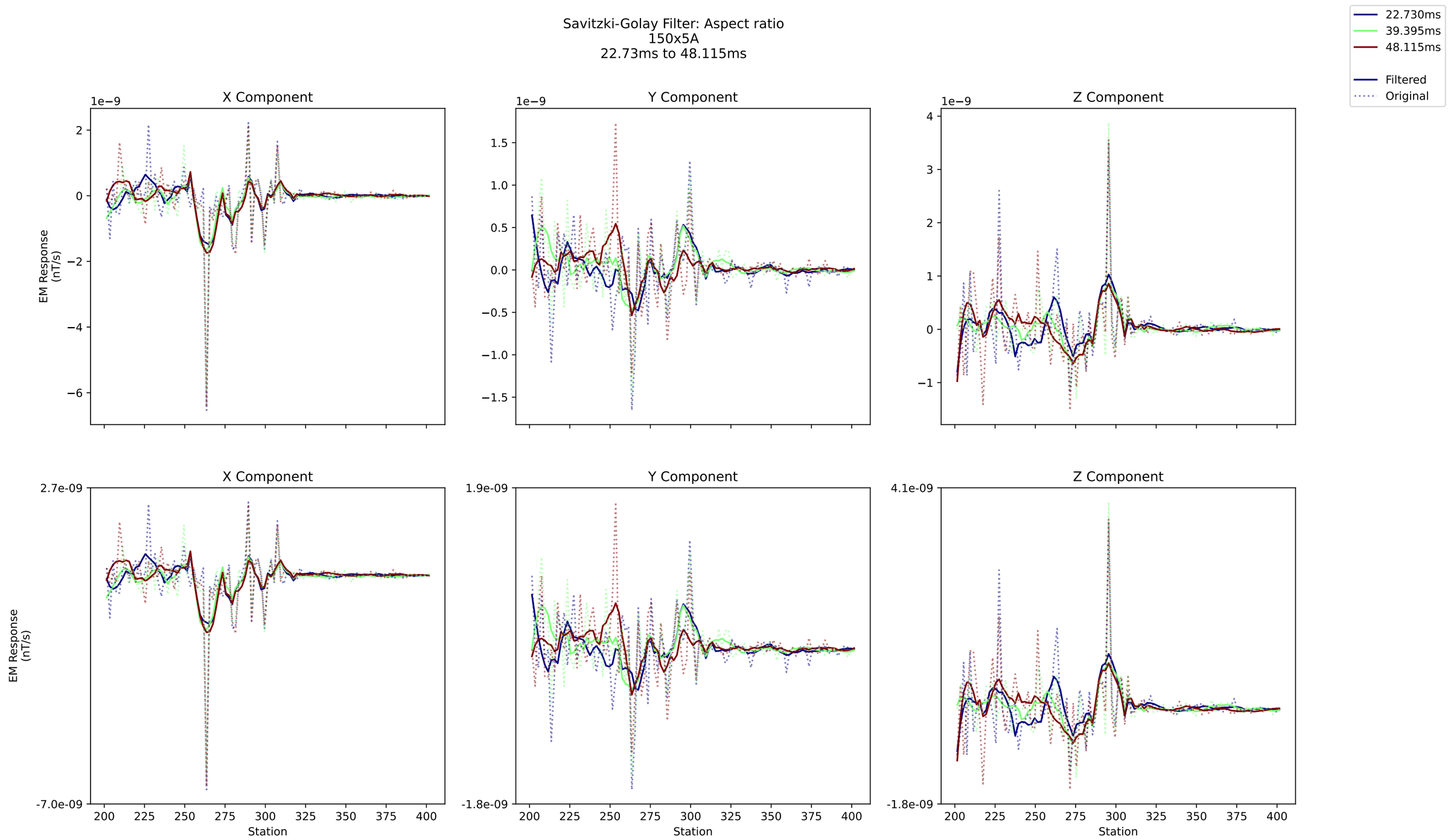

Savitzki-Golay Filter: Aspect ratio
150x5A
0.235ms to 0.56ms
0.235ms
0.315ms
0.420ms
0.560ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
6.4e+00
-4.0e+00
4.2e+00
-1.7e+00
3.1e+00
-8.9e+00
200
225
250
275
300
325
350
375
400
Station

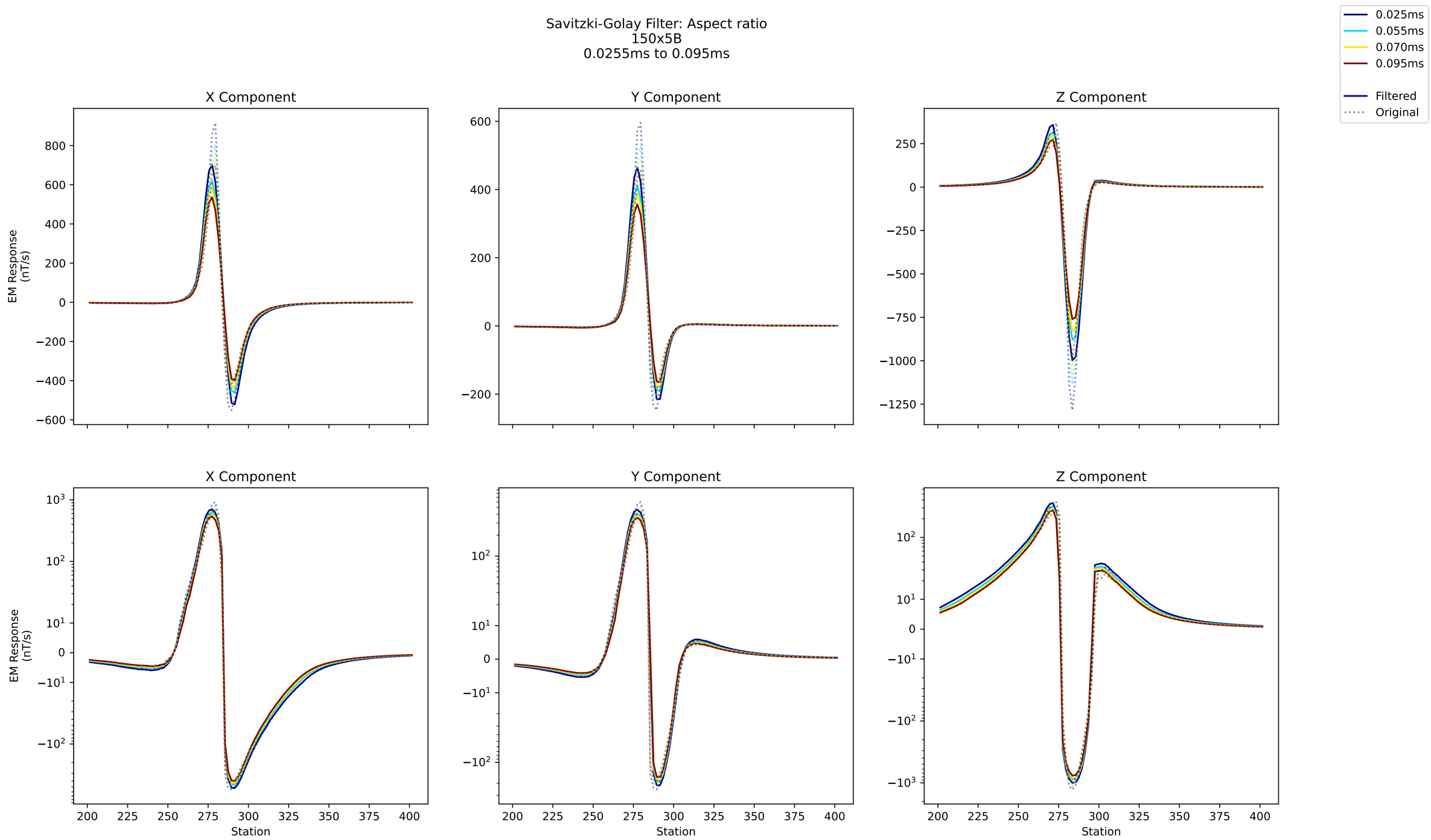

Savitzki-Golay Filter: Aspect ratio
150x5A
0.56ms to 1.315ms
0.560ms
0.745ms
0.990ms
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station
9.1e-03
-5.7e-03
5.9e-03
-2.3e-03
4.3e-03
-1.3e-02

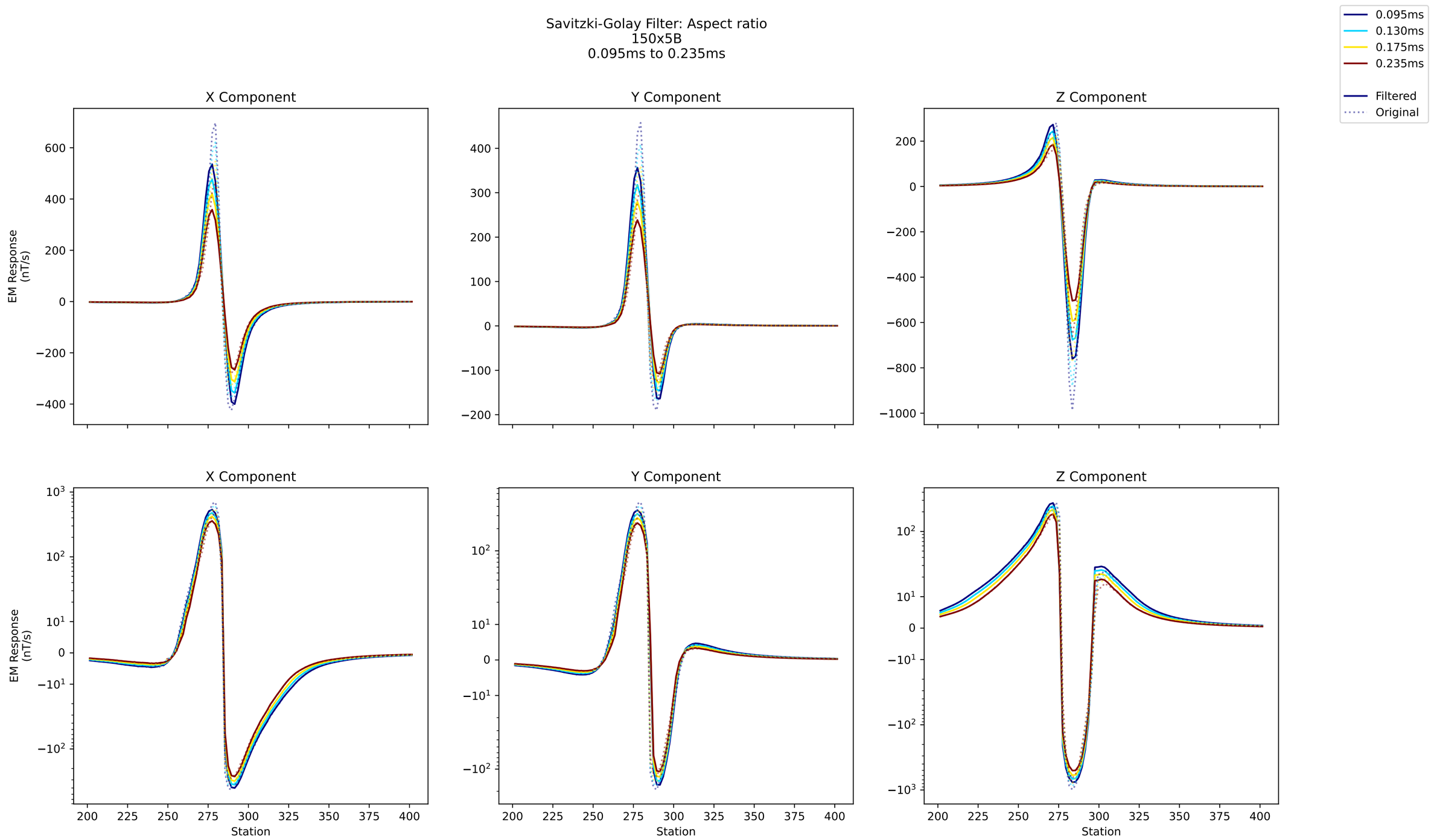

Savitzki-Golay Filter: Aspect ratio
150x5A
1.315ms to 3.075ms
1.315ms
1.745ms
2.315ms
3.075ms
Filtered
Original
X Component
Y Component
Z Component
1e−9
EM Response
(nT/s)
5.1e-09
-6.5e-09
3.6e-09
-2.9e-09
4.2e-09
-6.7e-09
200
225
250
275
300
325
350
375
400
Station

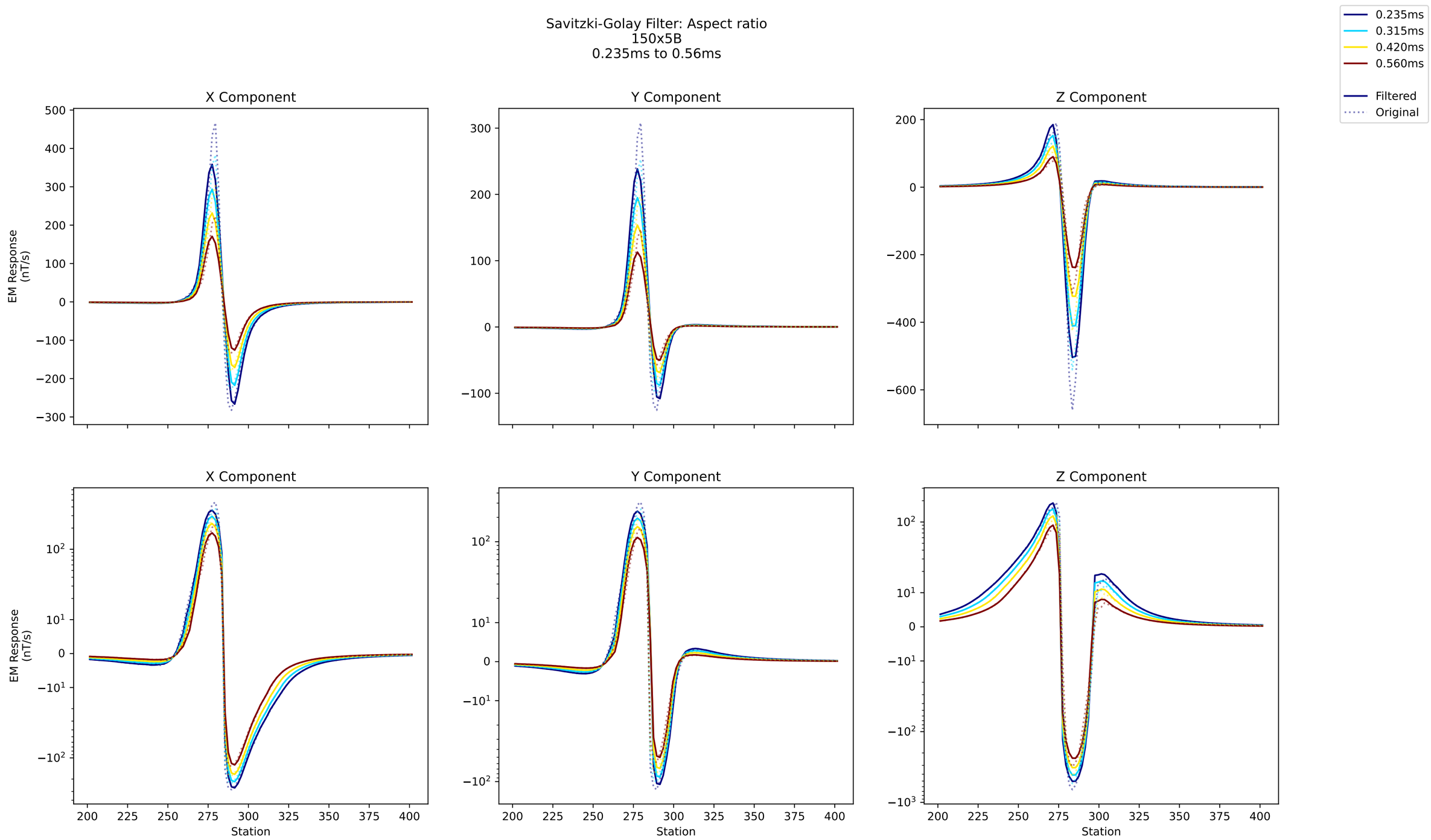

Savitzki-Golay Filter: Aspect ratio
150x5A
3.075ms to 7.205ms
3.075ms
4.085ms
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
1e−9
EM Response
(nT/s)
2.6e-09
-6.6e-09
1.7e-09
-1.9e-09
4.1e-09
-1.8e-09
200
225
250
275
300
325
350
375
400
Station

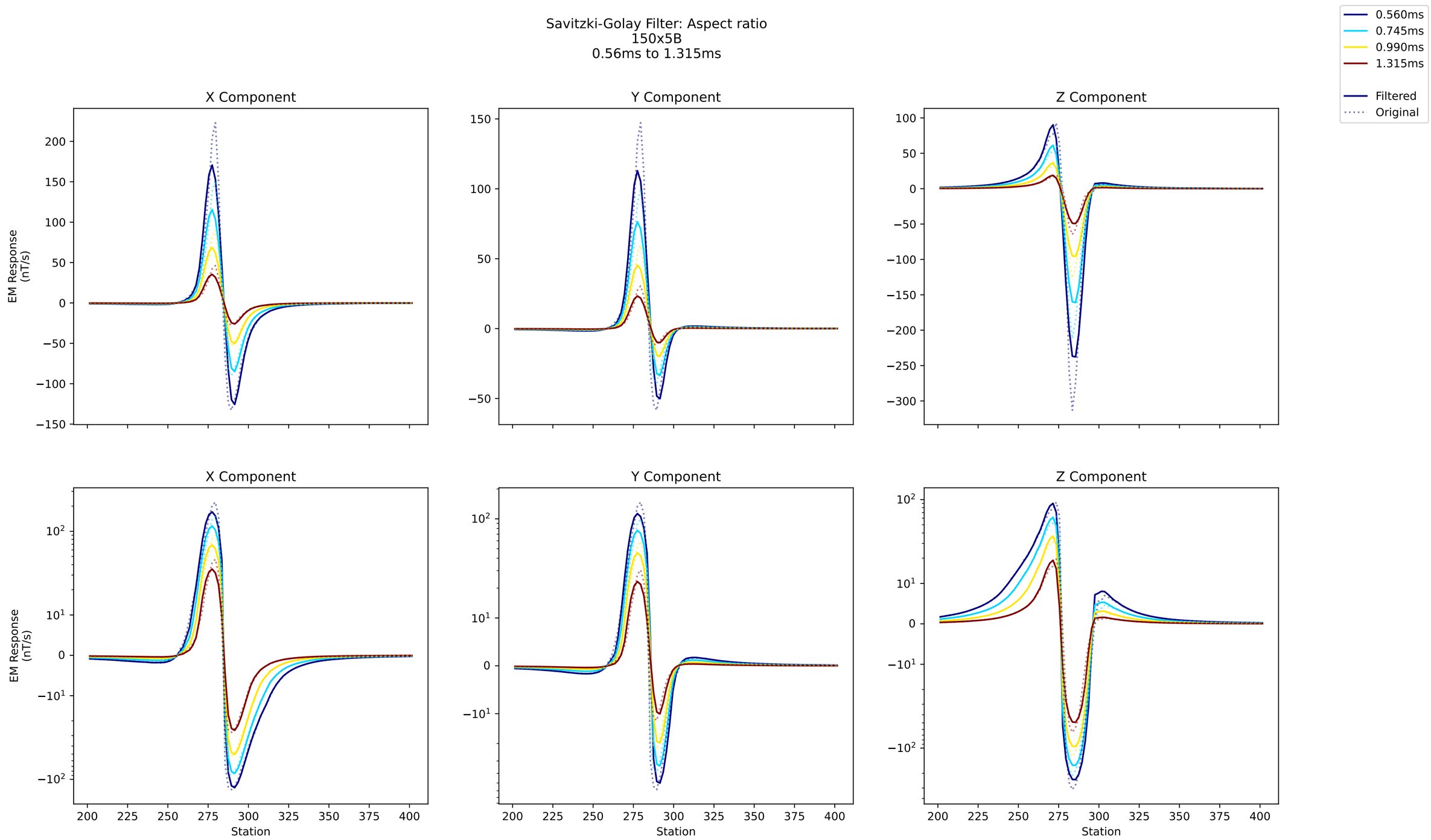

Savitzki-Golay Filter: Aspect ratio
150x5A
7.205ms to 22.73ms
7.205ms
9.570ms
12.660ms
22.730ms
Filtered
Original
X Component
Y Component
Z Component
1e−9
EM Response
(nT/s)
2.7e-09
-7.0e-09
1.6e-09
-1.9e-09
4.1e-09
-2.0e-09
Station

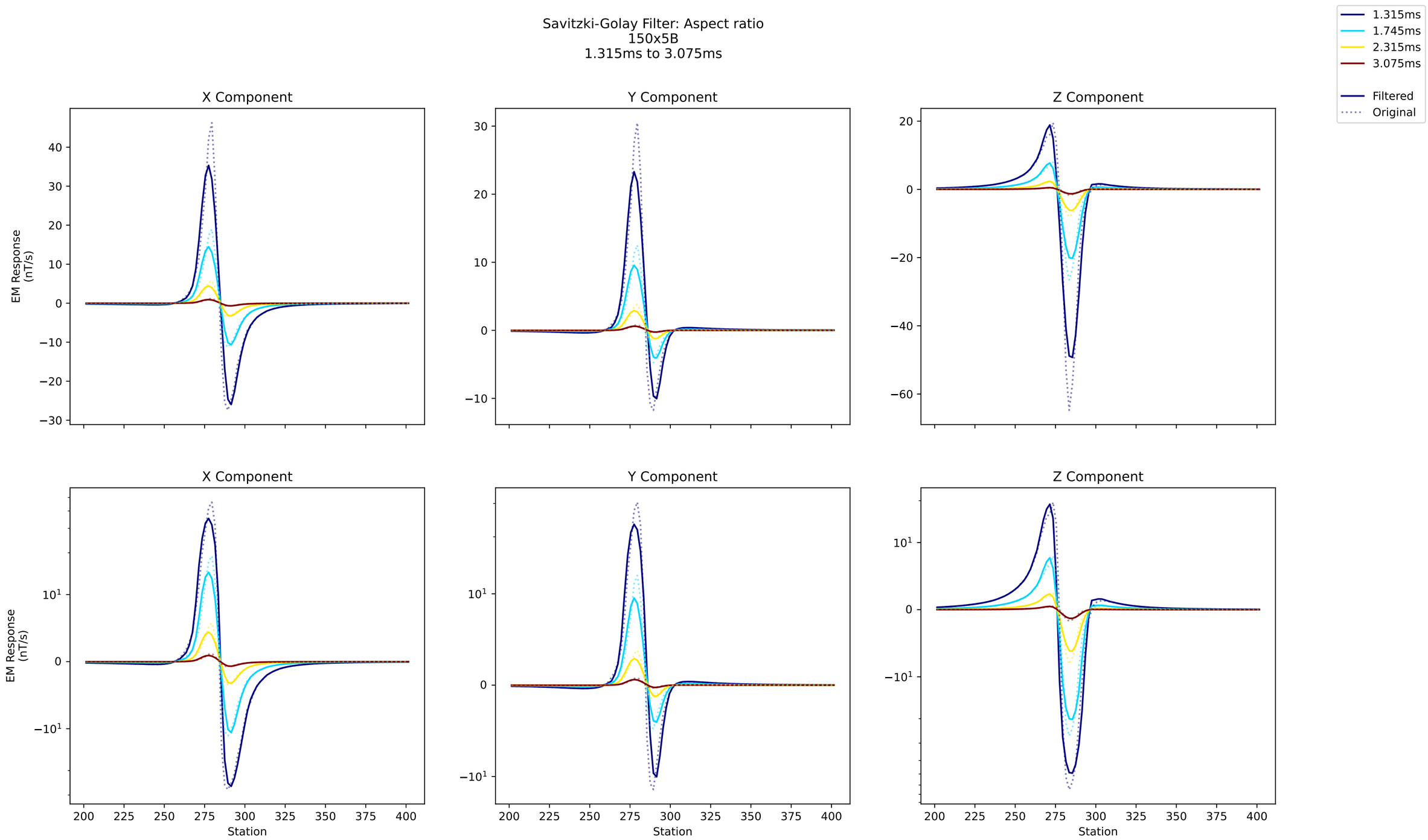

Savitzki-Golay Filter: Aspect ratio
150x5A
22.73ms to 48.115ms
22.730ms
39.395ms
48.115ms
Filtered
Original
X Component
Y Component
Z Component
1e−9
EM Response
(nT/s)
2.7e-09
-7.0e-09
1.9e-09
-1.8e-09
4.1e-09
-1.8e-09
Station

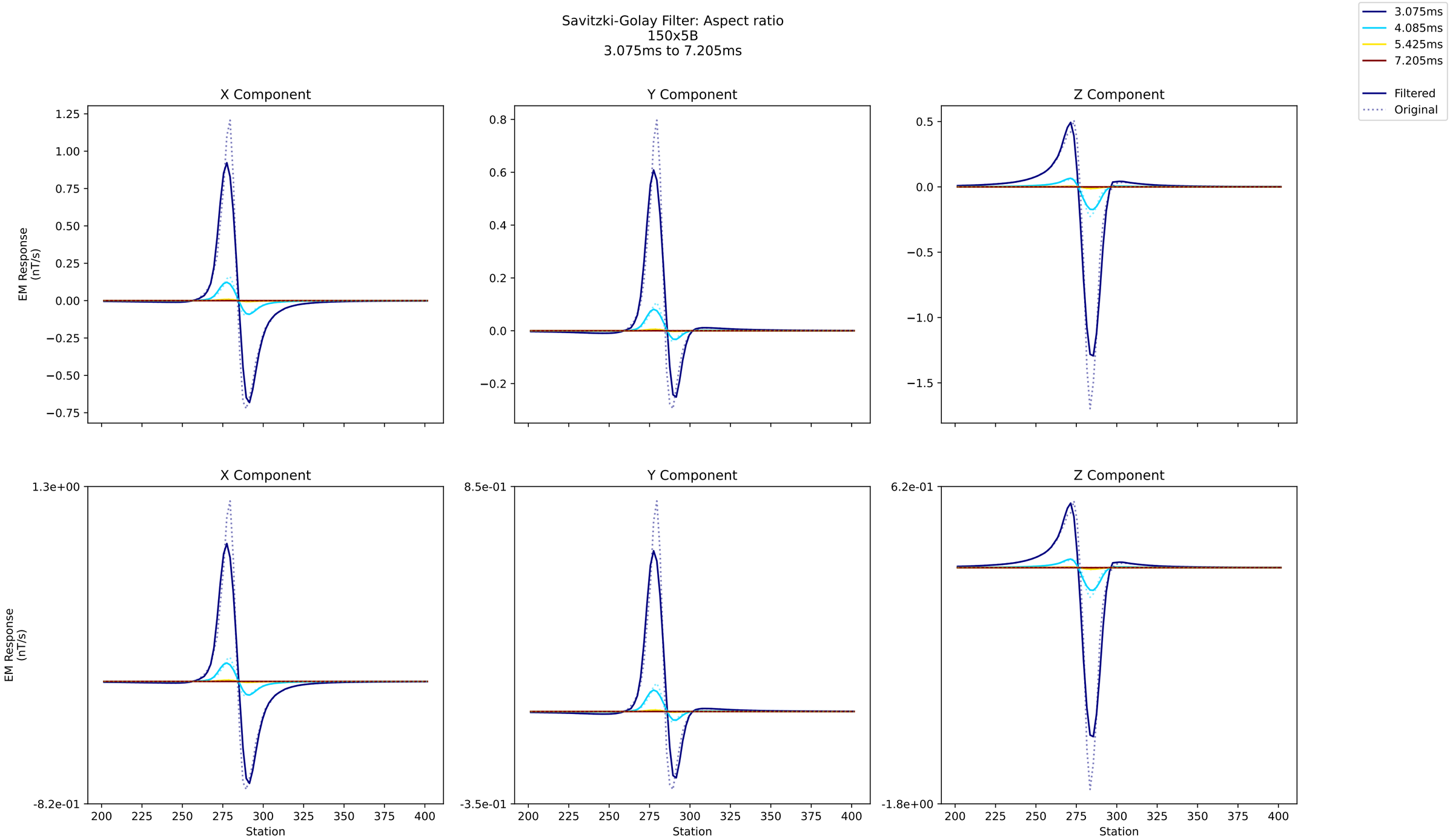

Savitzki-Golay Filter: Aspect ratio
150x5B
0.0255ms to 0.095ms
0.025ms
0.055ms
0.070ms
0.095ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

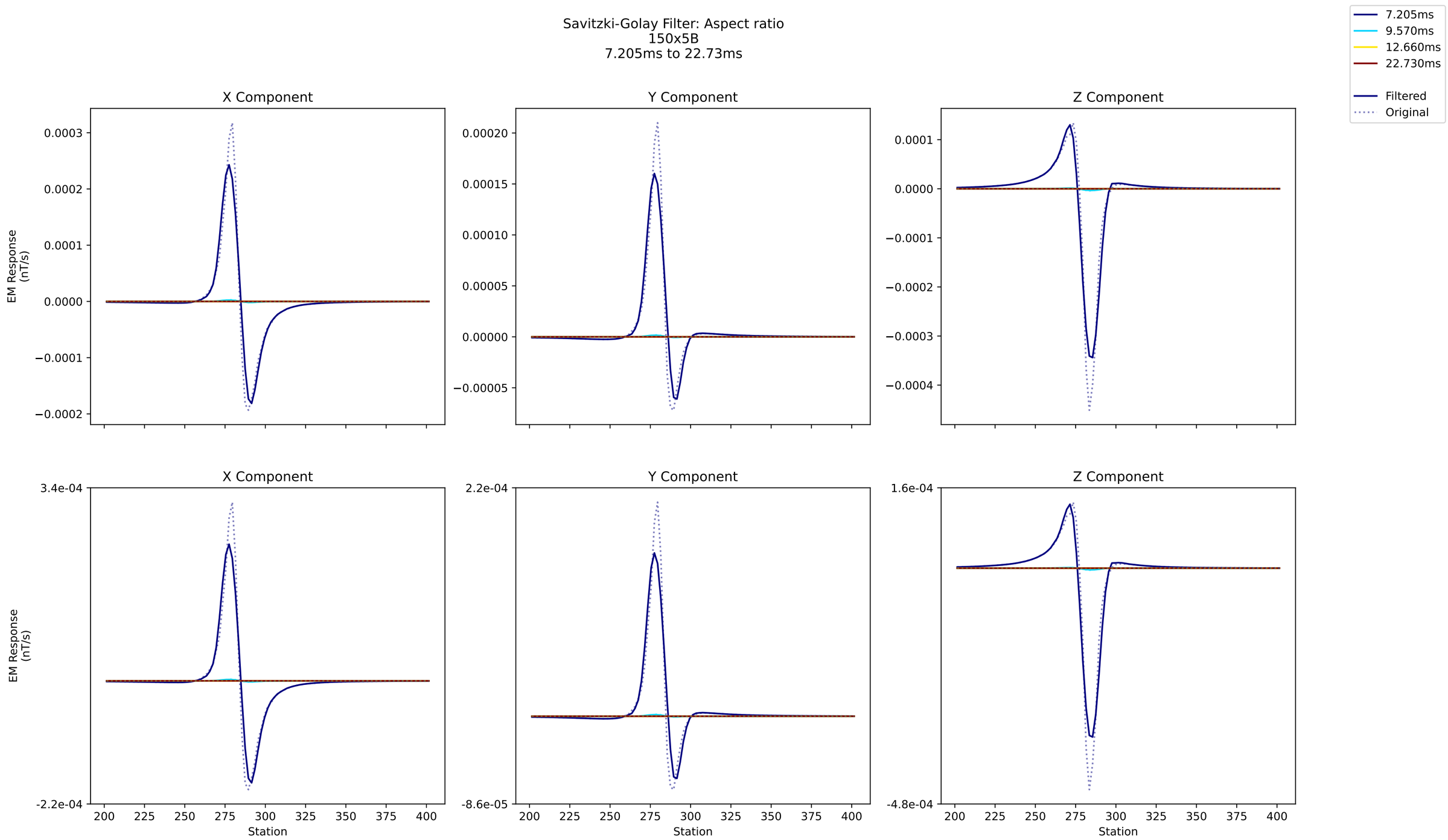

Savitzki-Golay Filter: Aspect ratio
150x5B
0.095ms to 0.235ms
0.095ms
0.130ms
0.175ms
0.235ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

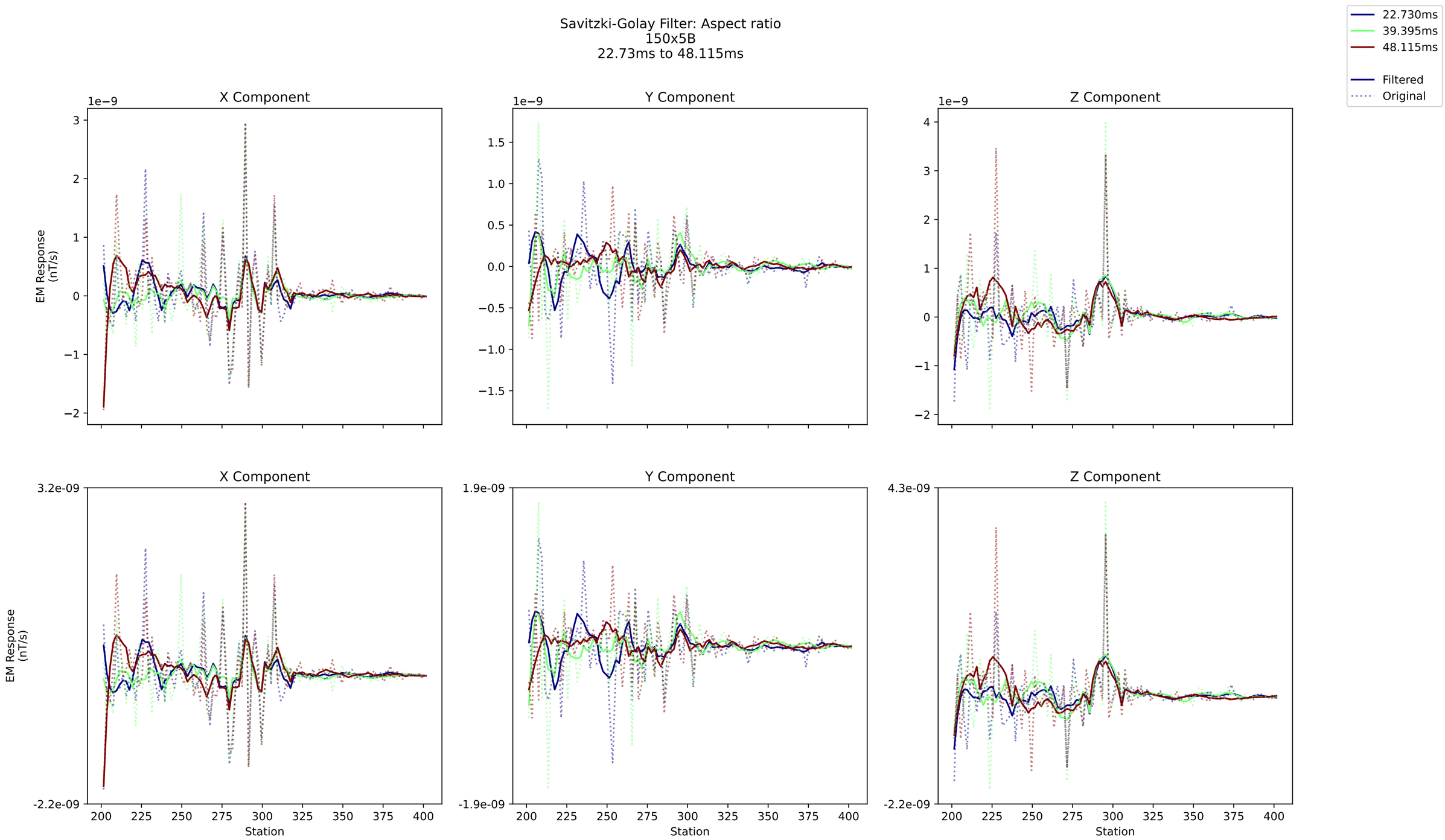

Savitzki-Golay Filter: Aspect ratio
150x5B
0.235ms to 0.56ms
0.235ms
0.315ms
0.420ms
0.560ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

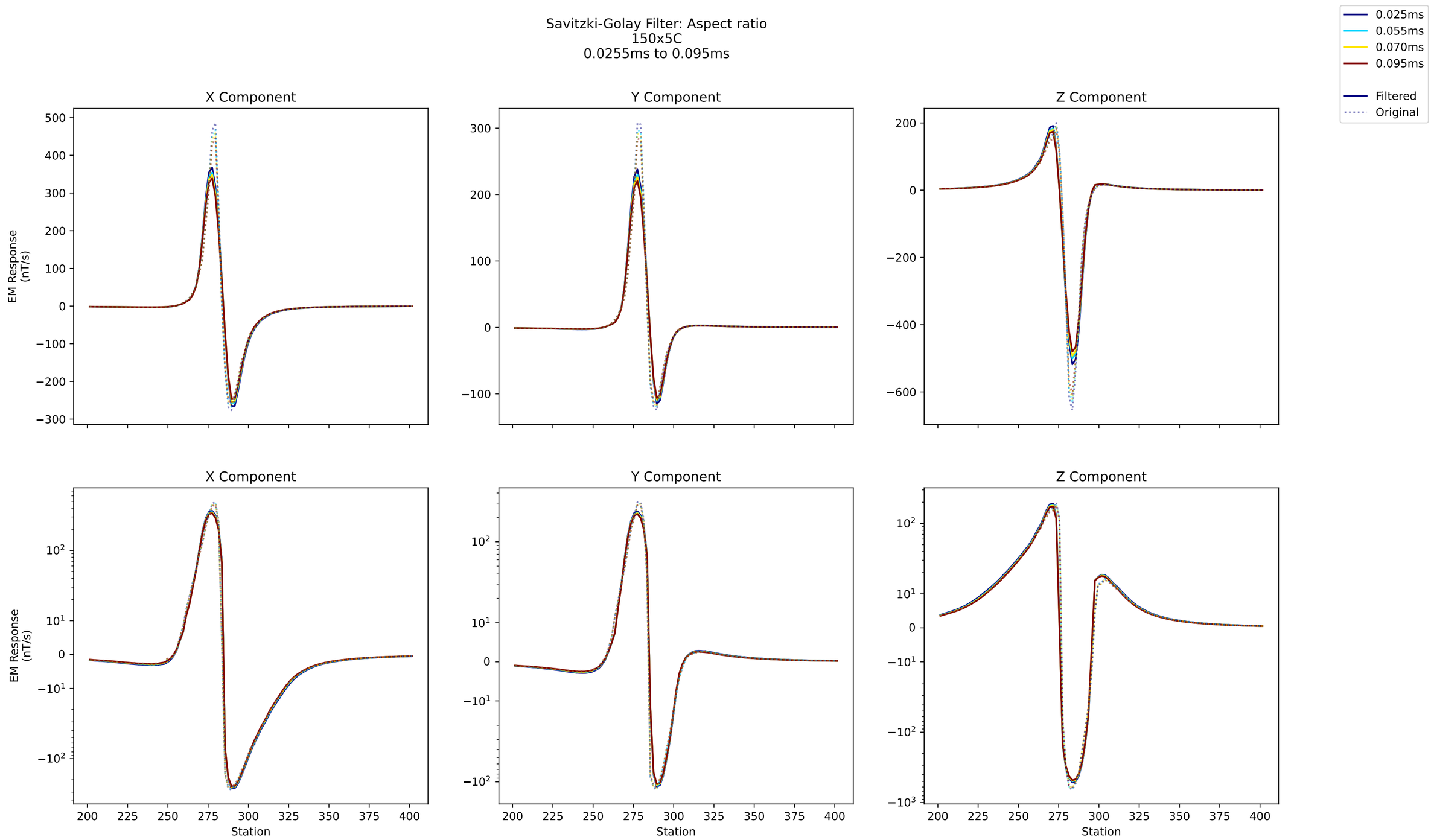

Savitzki-Golay Filter: Aspect ratio
150x5B
0.56ms to 1.315ms
0.560ms
0.745ms
0.990ms
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

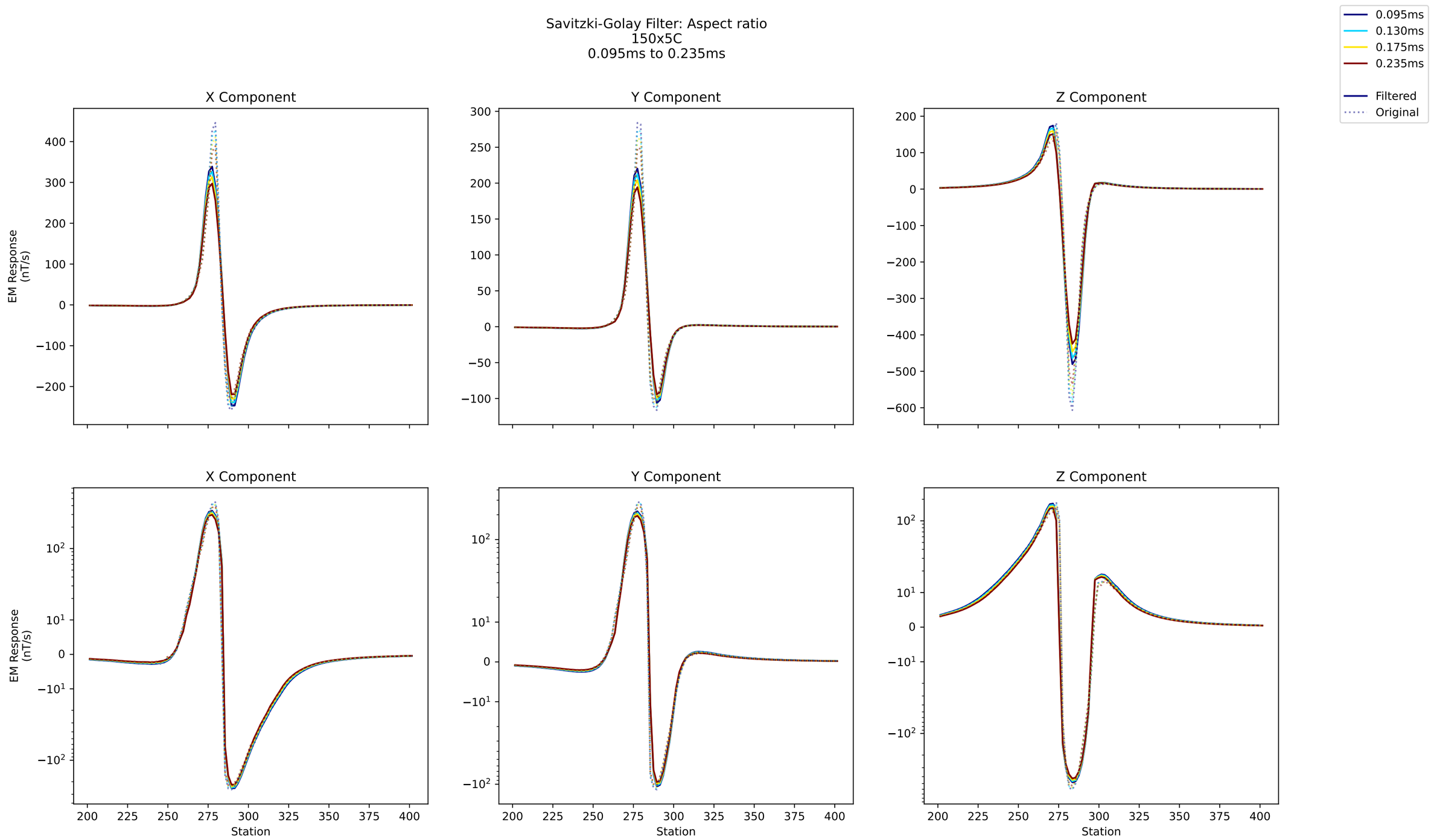

Savitzki-Golay Filter: Aspect ratio
150x5B
1.315ms to 3.075ms
1.315ms
1.745ms
2.315ms
3.075ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

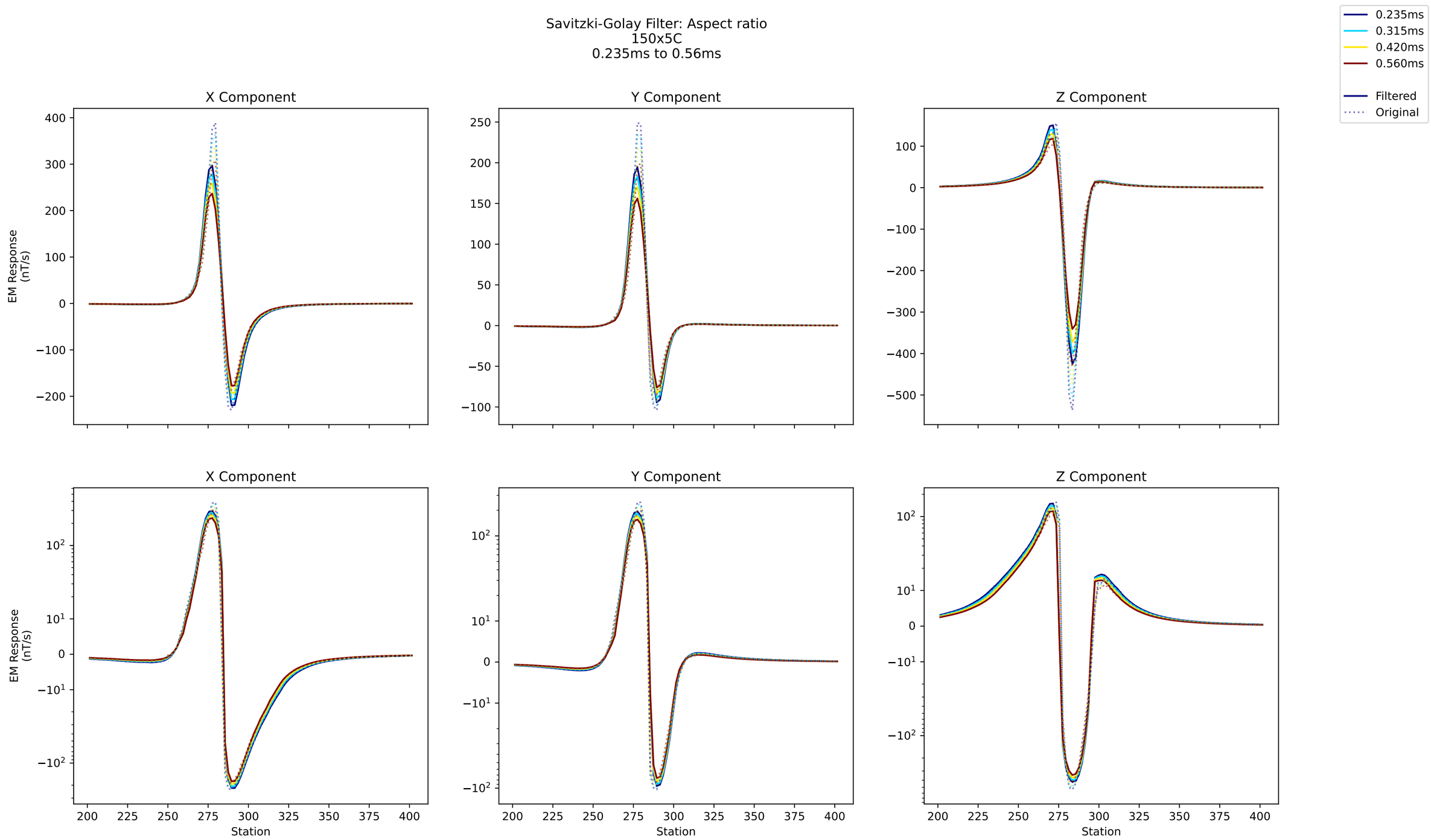

Savitzki-Golay Filter: Aspect ratio
150x5B
3.075ms to 7.205ms
3.075ms
4.085ms
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
1.25
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
0.8
0.6
0.4
0.2
0.0
−0.2
0.5
0.0
−0.5
−1.0
−1.5
1.3e+00
-8.2e-01
8.5e-01
-3.5e-01
6.2e-01
-1.8e+00
200
225
250
275
300
325
350
375
400
Station

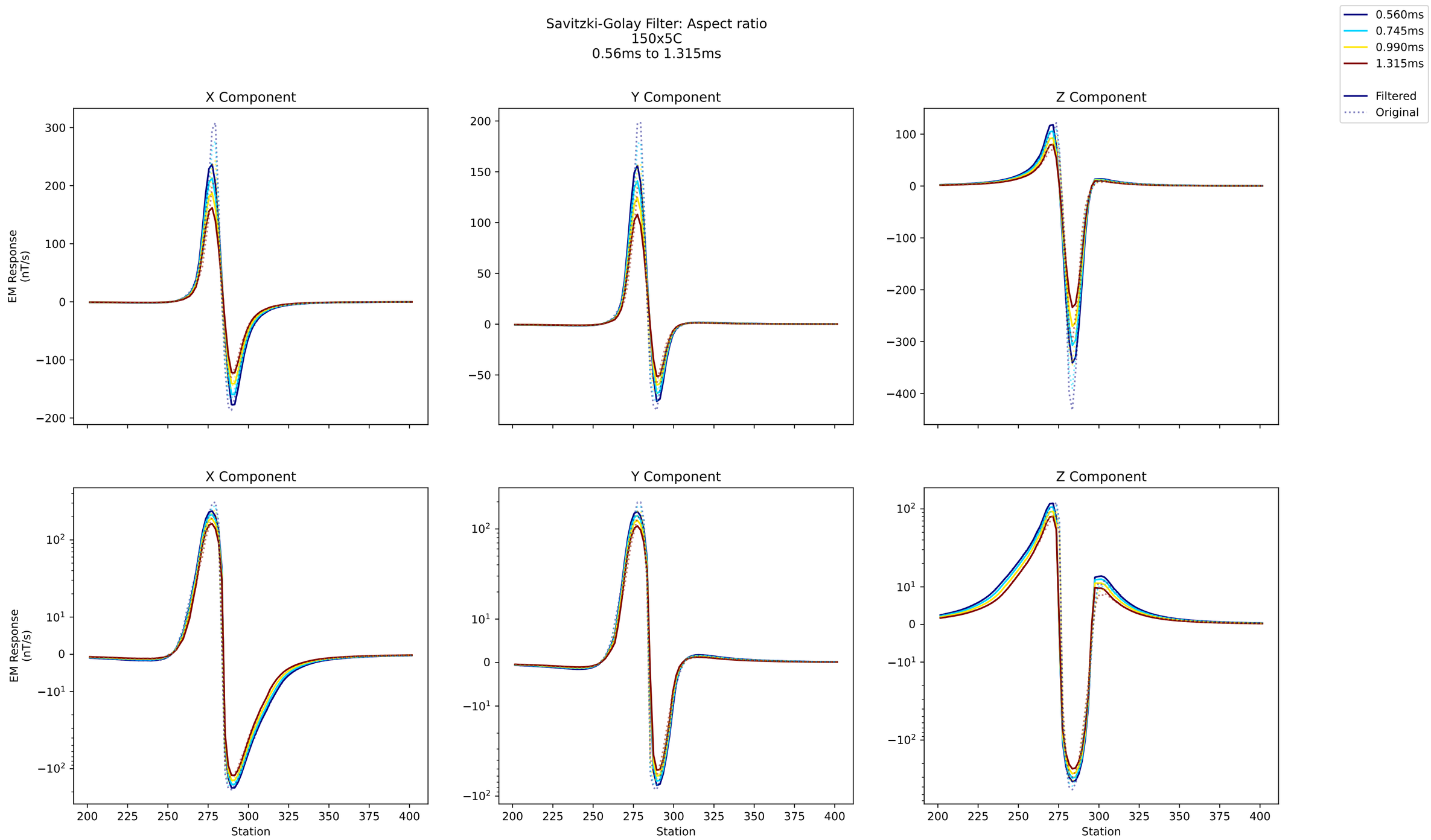

Savitzki-Golay Filter: Aspect ratio
150x5B
7.205ms to 22.73ms
7.205ms
9.570ms
12.660ms
22.730ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

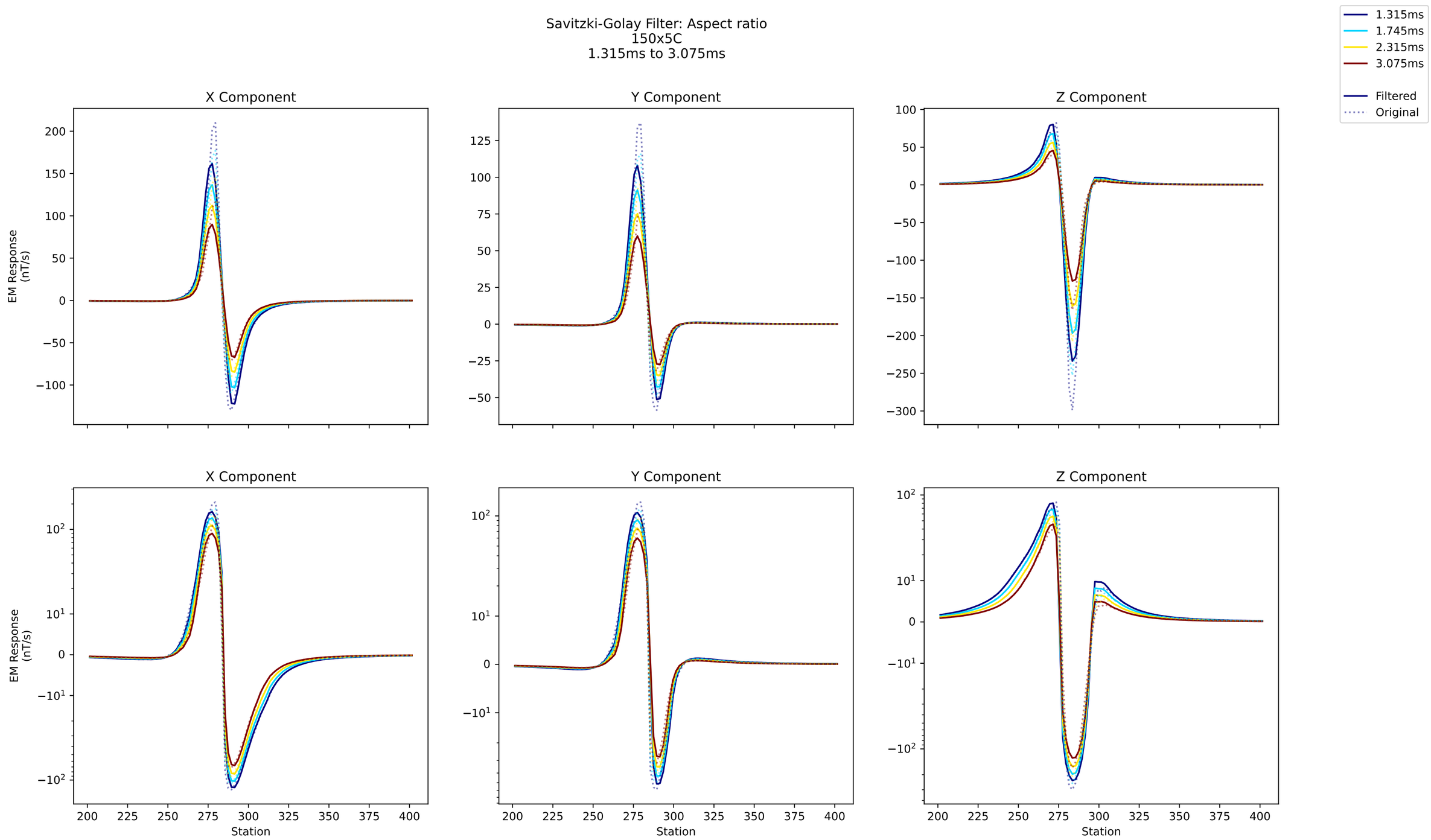

Savitzki-Golay Filter: Aspect ratio
150x5B
22.73ms to 48.115ms
22.730ms
39.395ms
48.115ms
Filtered
Original
X Component
Y Component
Z Component
1e−9
EM Response
(nT/s)
3.2e-09
-2.2e-09
1.9e-09
-1.9e-09
4.3e-09
-2.2e-09
Station

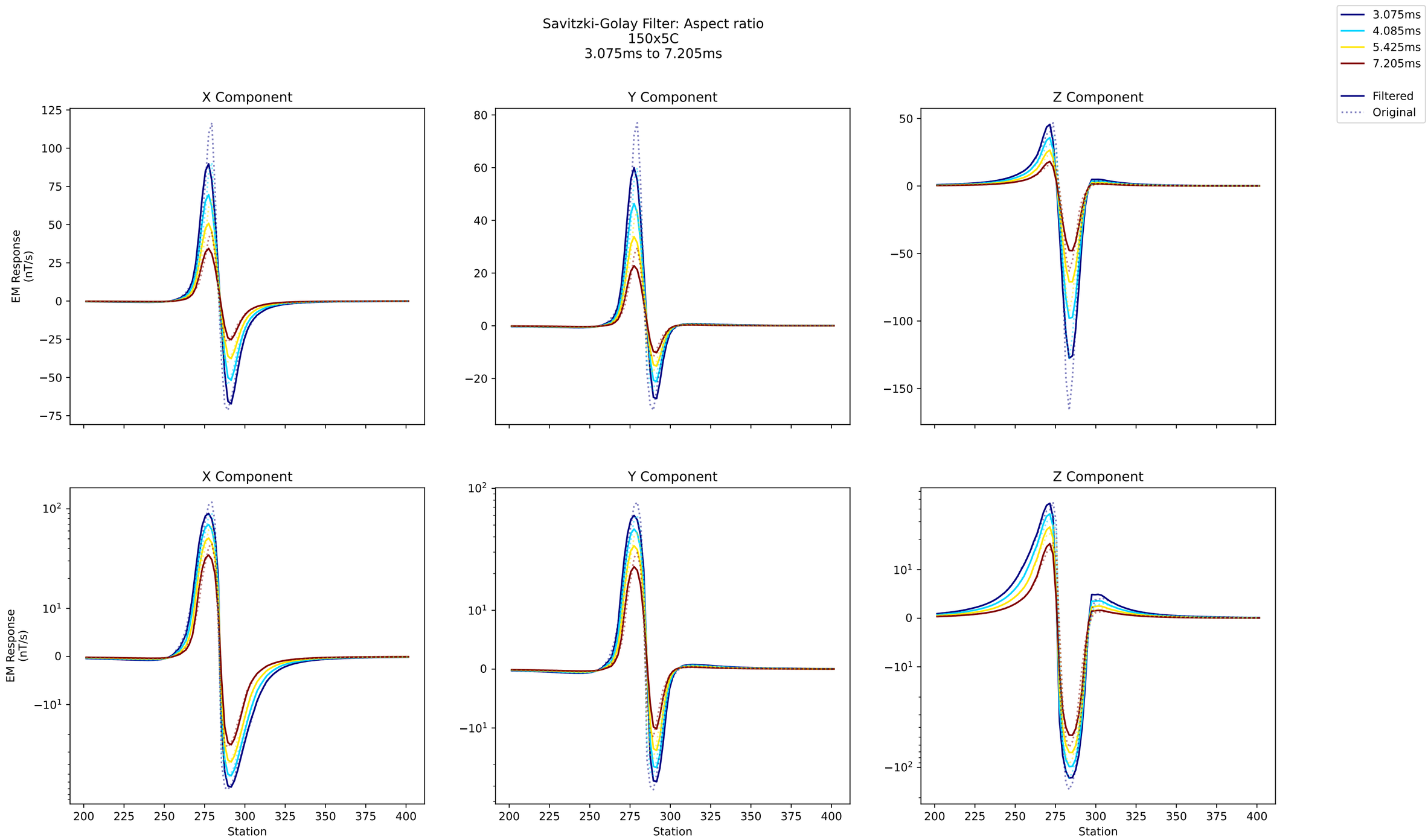

Savitzki-Golay Filter: Aspect ratio
150x5C
0.0255ms to 0.095ms
0.025ms
0.055ms
0.070ms
0.095ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

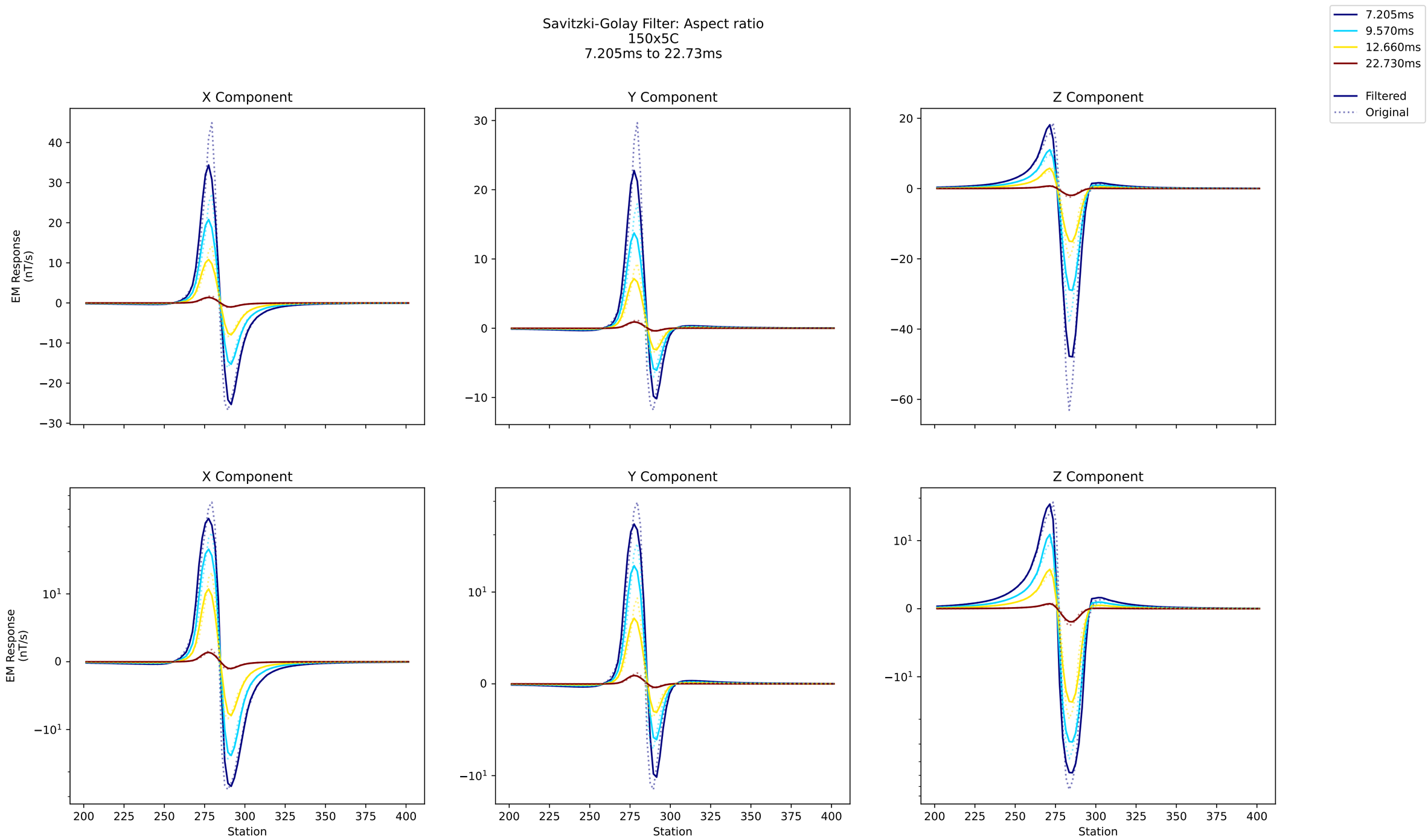

Savitzki-Golay Filter: Aspect ratio
150x5C
0.095ms to 0.235ms
0.095ms
0.130ms
0.175ms
0.235ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

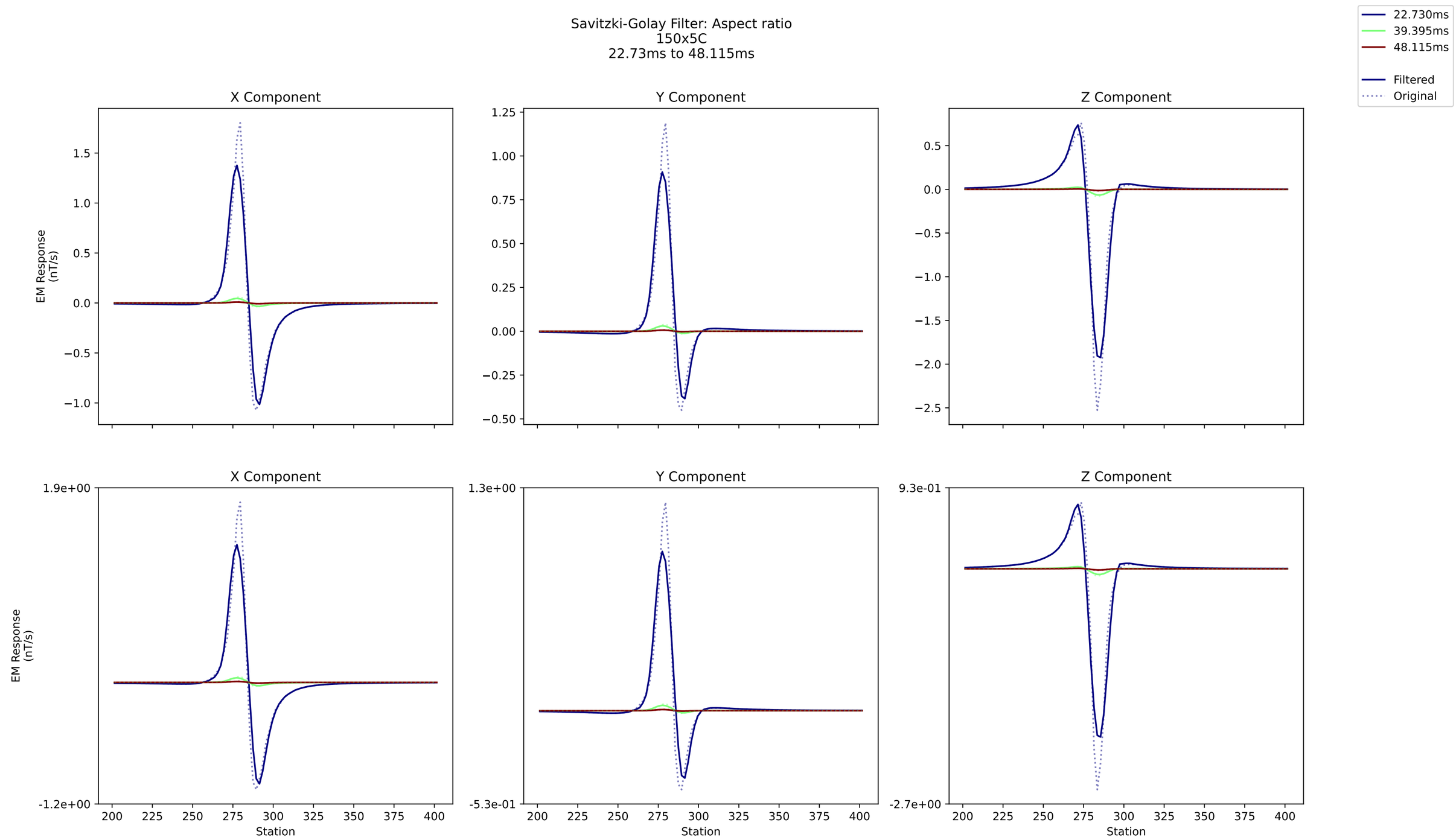

Savitzki-Golay Filter: Aspect ratio
150x5C
0.235ms to 0.56ms
0.235ms
0.315ms
0.420ms
0.560ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

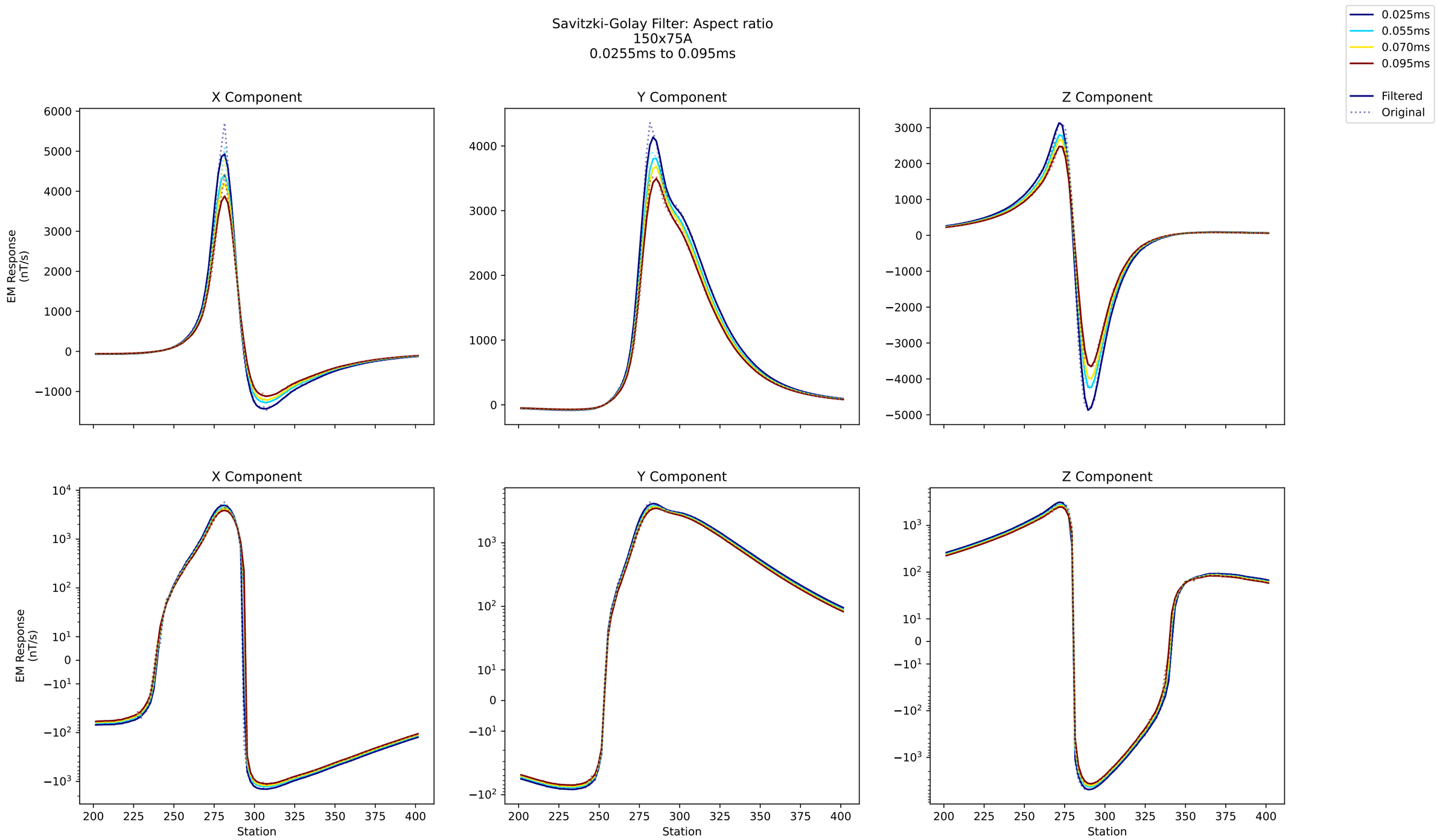

Savitzki-Golay Filter: Aspect ratio
150x5C
0.56ms to 1.315ms
0.560ms
0.745ms
0.990ms
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

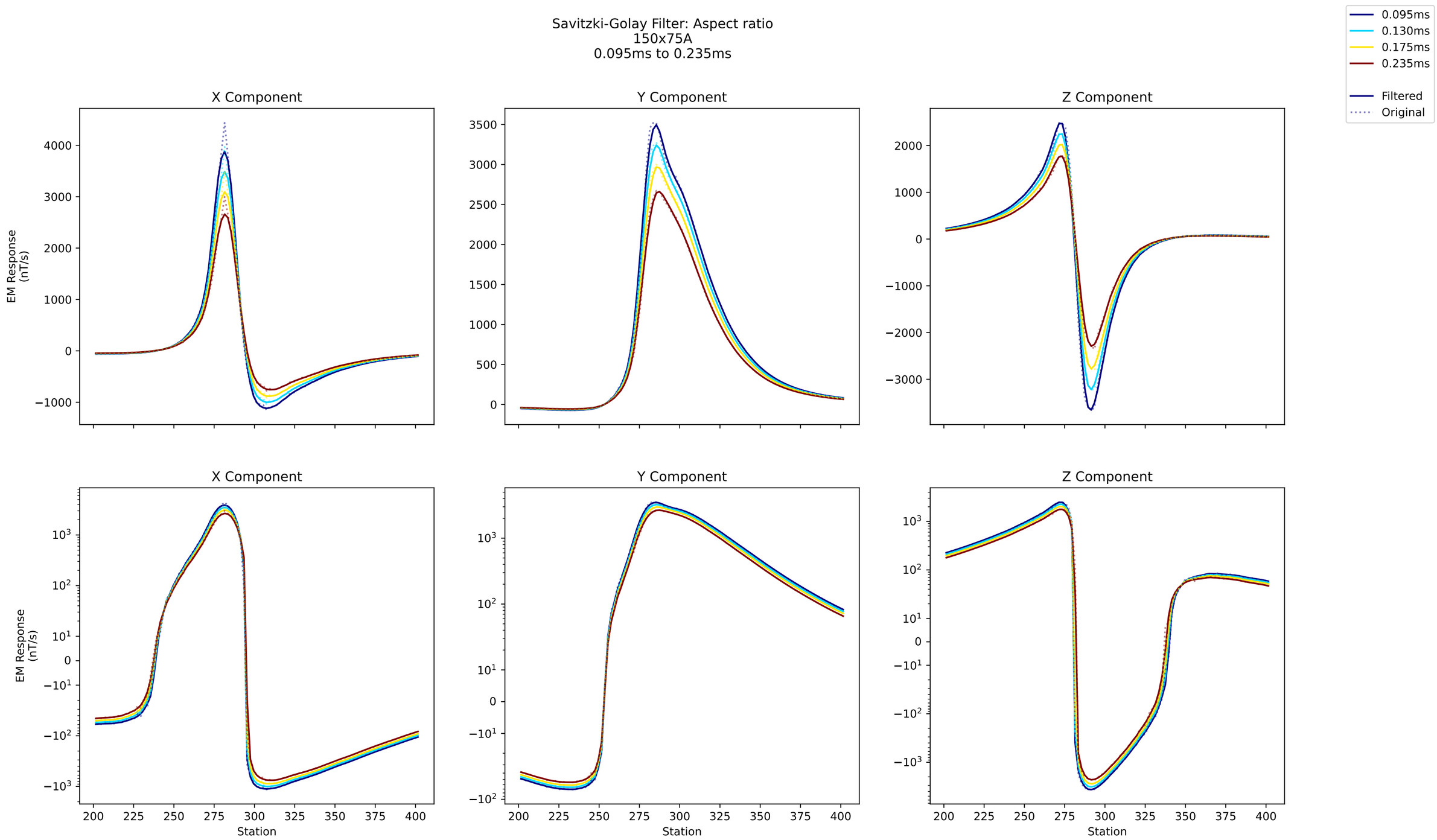

Savitzki-Golay Filter: Aspect ratio
150x5C
1.315ms to 3.075ms
1.315ms
1.745ms
2.315ms
3.075ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

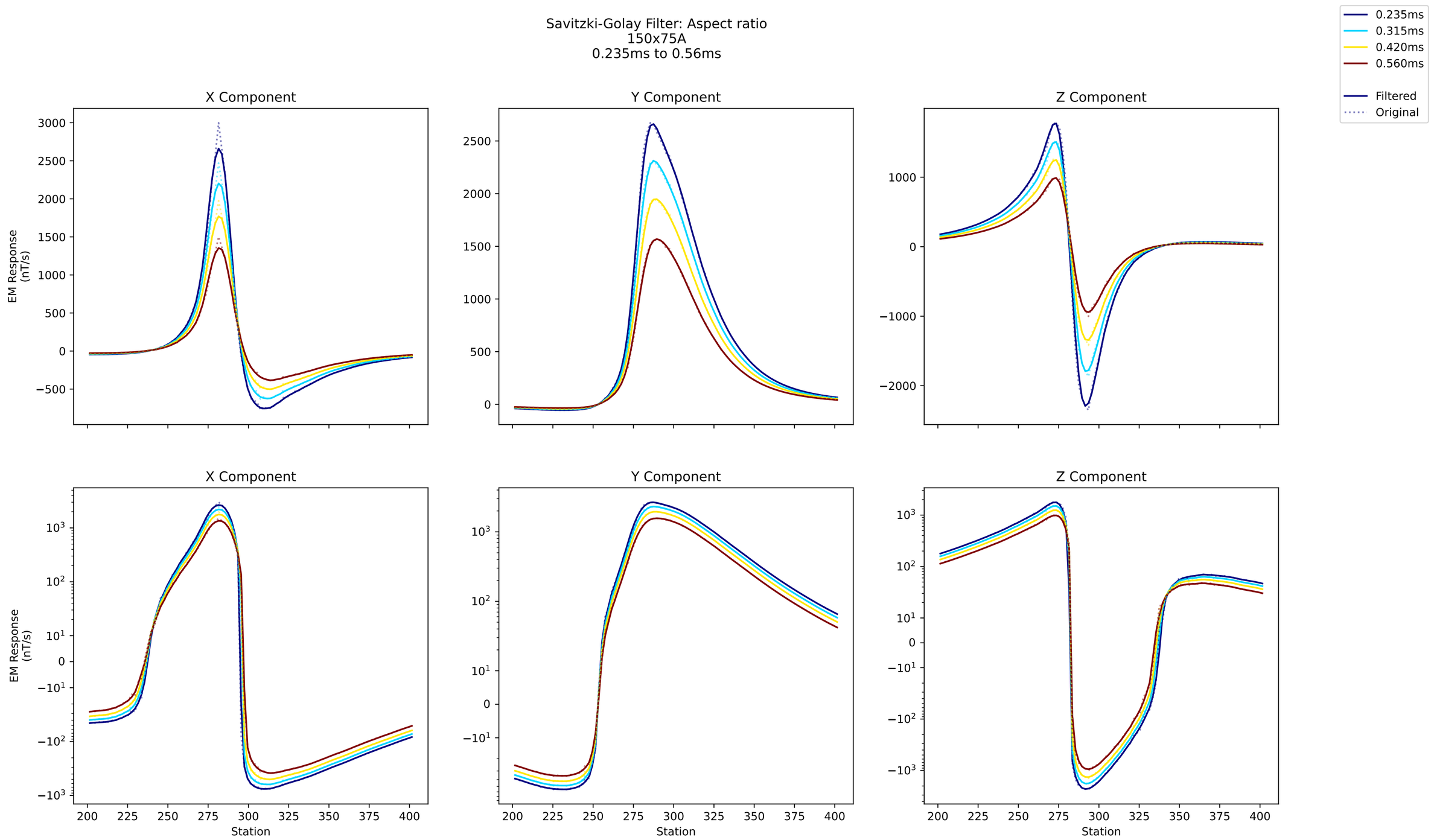

Savitzki-Golay Filter: Aspect ratio
150x5C
3.075ms to 7.205ms
3.075ms
4.085ms
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

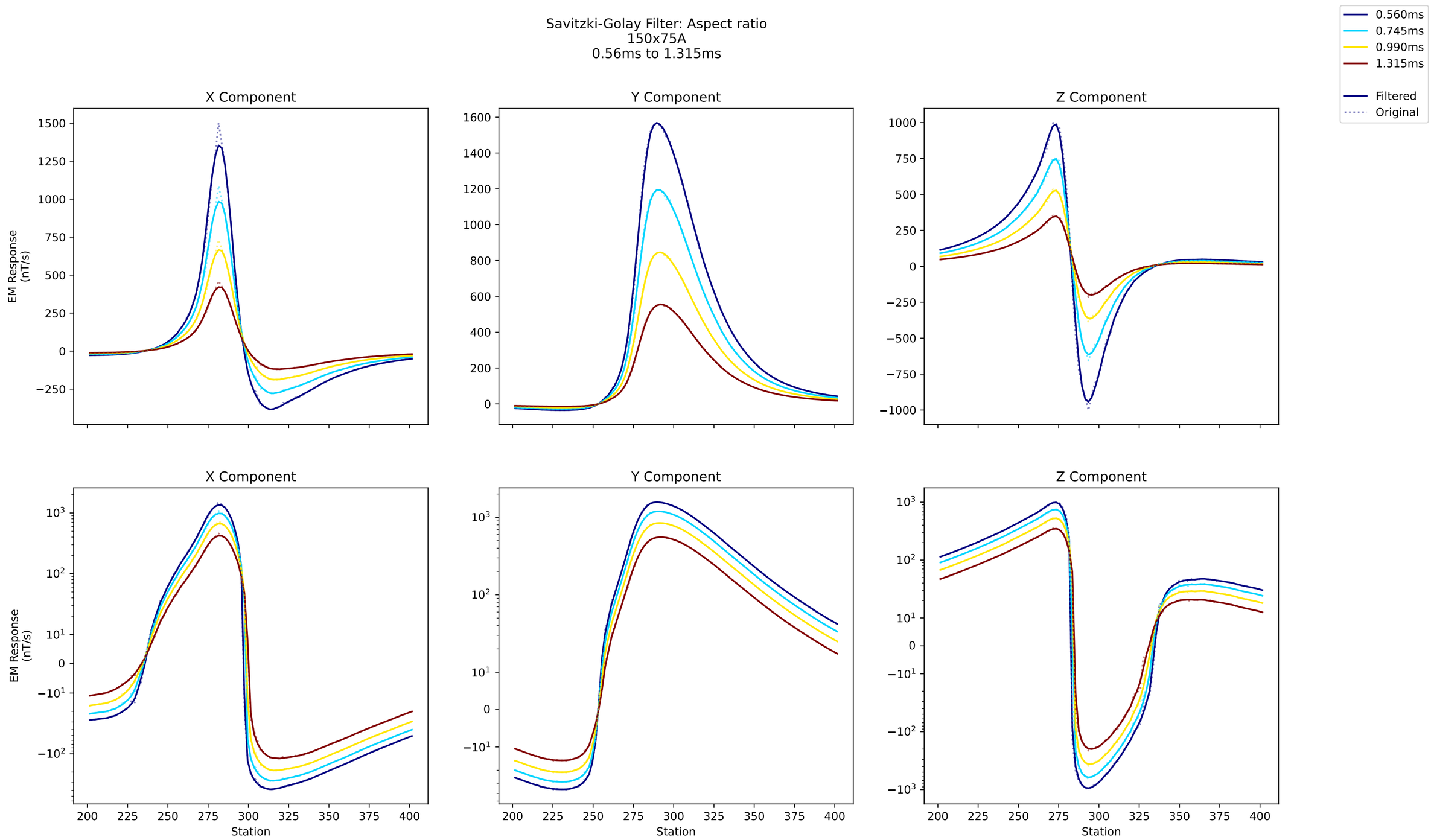

Savitzki-Golay Filter: Aspect ratio
150x5C
7.205ms to 22.73ms
7.205ms
9.570ms
12.660ms
22.730ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

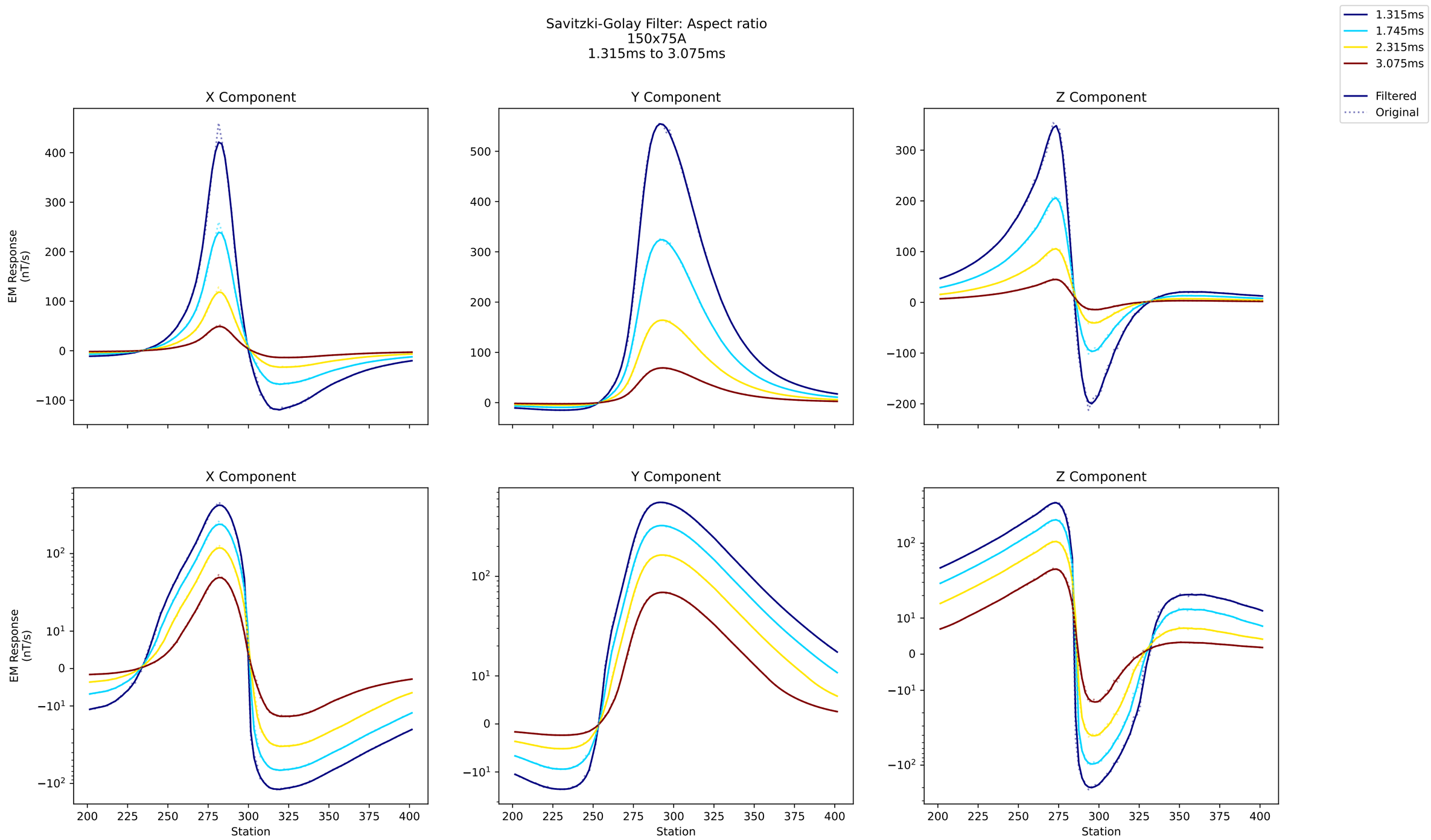

Savitzki-Golay Filter: Aspect ratio
150x5C
22.73ms to 48.115ms
22.730ms
39.395ms
48.115ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
1.5
1.0
0.5
0.0
−0.5
−1.0
1.25
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
0.5
0.0
−0.5
−1.0
−1.5
−2.0
−2.5
1.9e+00
-1.2e+00
1.3e+00
-5.3e-01
9.3e-01
-2.7e+00
200
225
250
275
300
325
350
375
400
Station

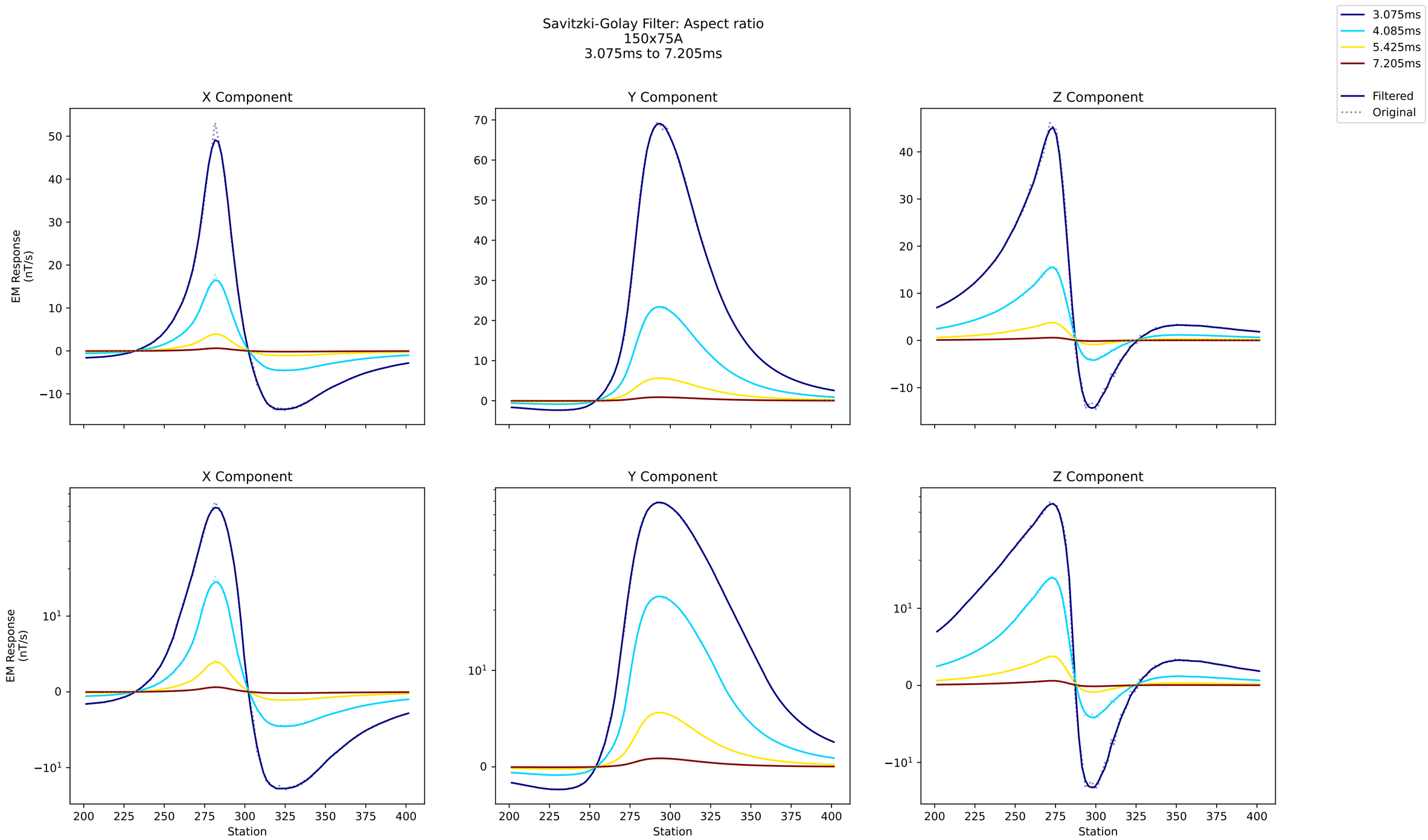

Savitzki-Golay Filter: Aspect ratio
150x75A
0.0255ms to 0.095ms
0.025ms
0.055ms
0.070ms
0.095ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

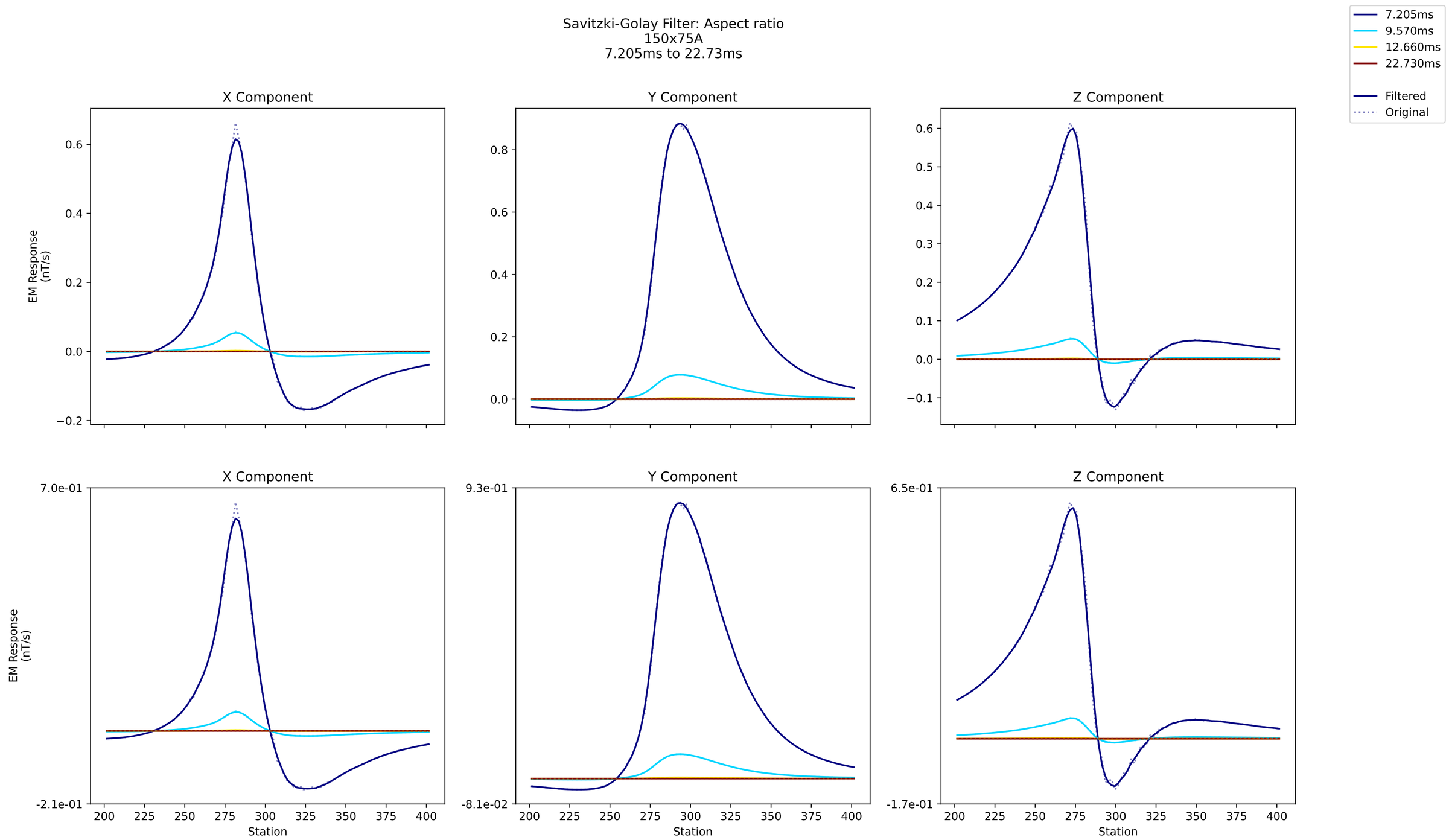

Savitzki-Golay Filter: Aspect ratio
150x75A
0.095ms to 0.235ms
0.095ms
0.130ms
0.175ms
0.235ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

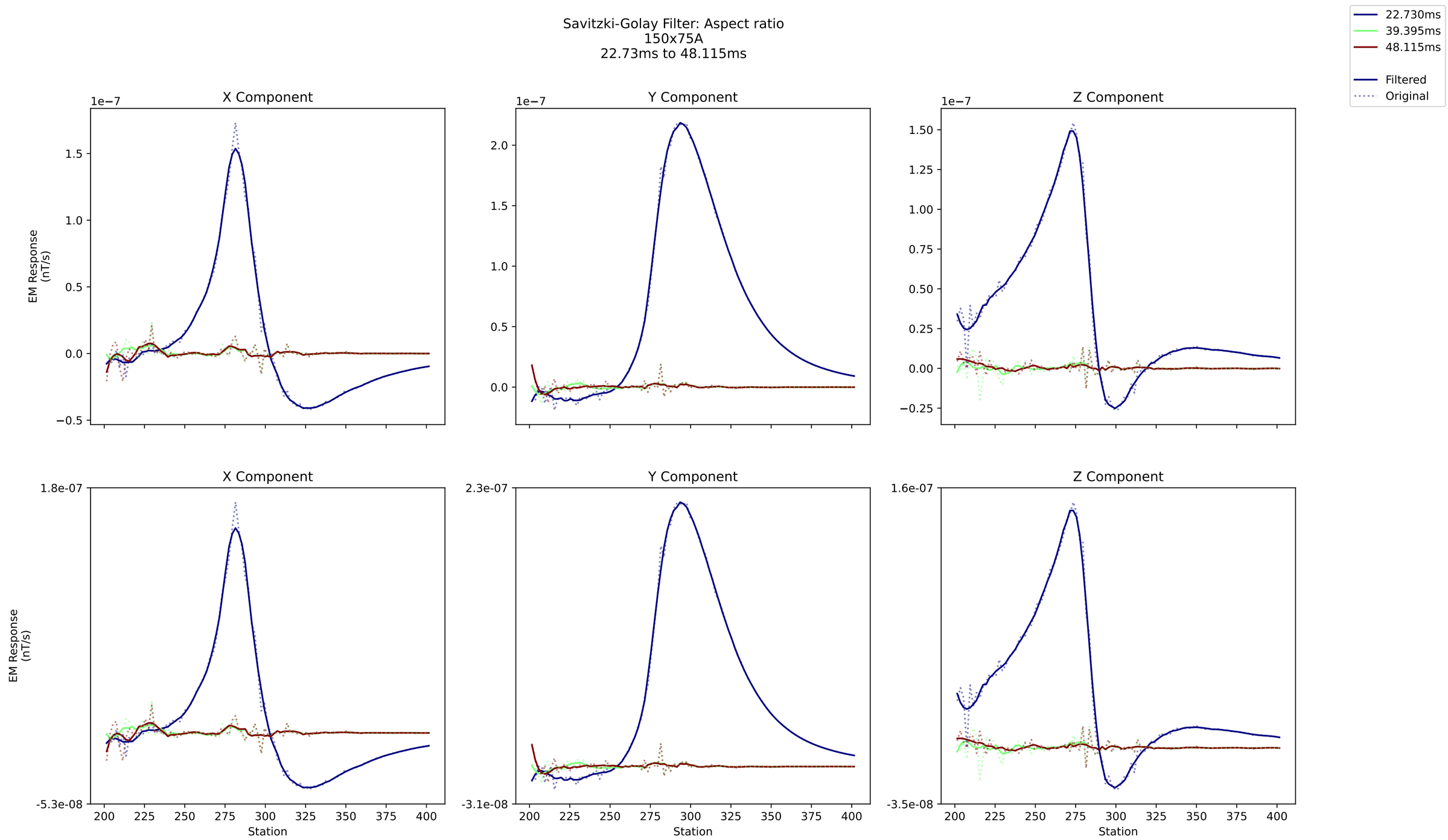

Savitzki-Golay Filter: Aspect ratio
150x75A
0.235ms to 0.56ms
0.235ms
0.315ms
0.420ms
0.560ms
Filtered
Original
X Component
Y Component
Z Component
EM Response (nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
150x75A
0.56ms to 1.315ms
0.560ms
0.745ms
0.990ms
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
150x75A
1.315ms to 3.075ms
1.315ms
1.745ms
2.315ms
3.075ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
150x75A
3.075ms to 7.205ms
3.075ms
4.085ms
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
150x75A
7.205ms to 22.73ms
7.205ms
9.570ms
12.660ms
22.730ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station
7.0e-01
-2.1e-01
9.3e-01
-8.1e-02
6.5e-01
-1.7e-01


Savitzki-Golay Filter: Aspect ratio
150x75A
22.73ms to 48.115ms
22.730ms
39.395ms
48.115ms
Filtered
Original
X Component
Y Component
Z Component
1e−7
EM Response
(nT/s)
1.8e-07
-5.3e-08
2.3e-07
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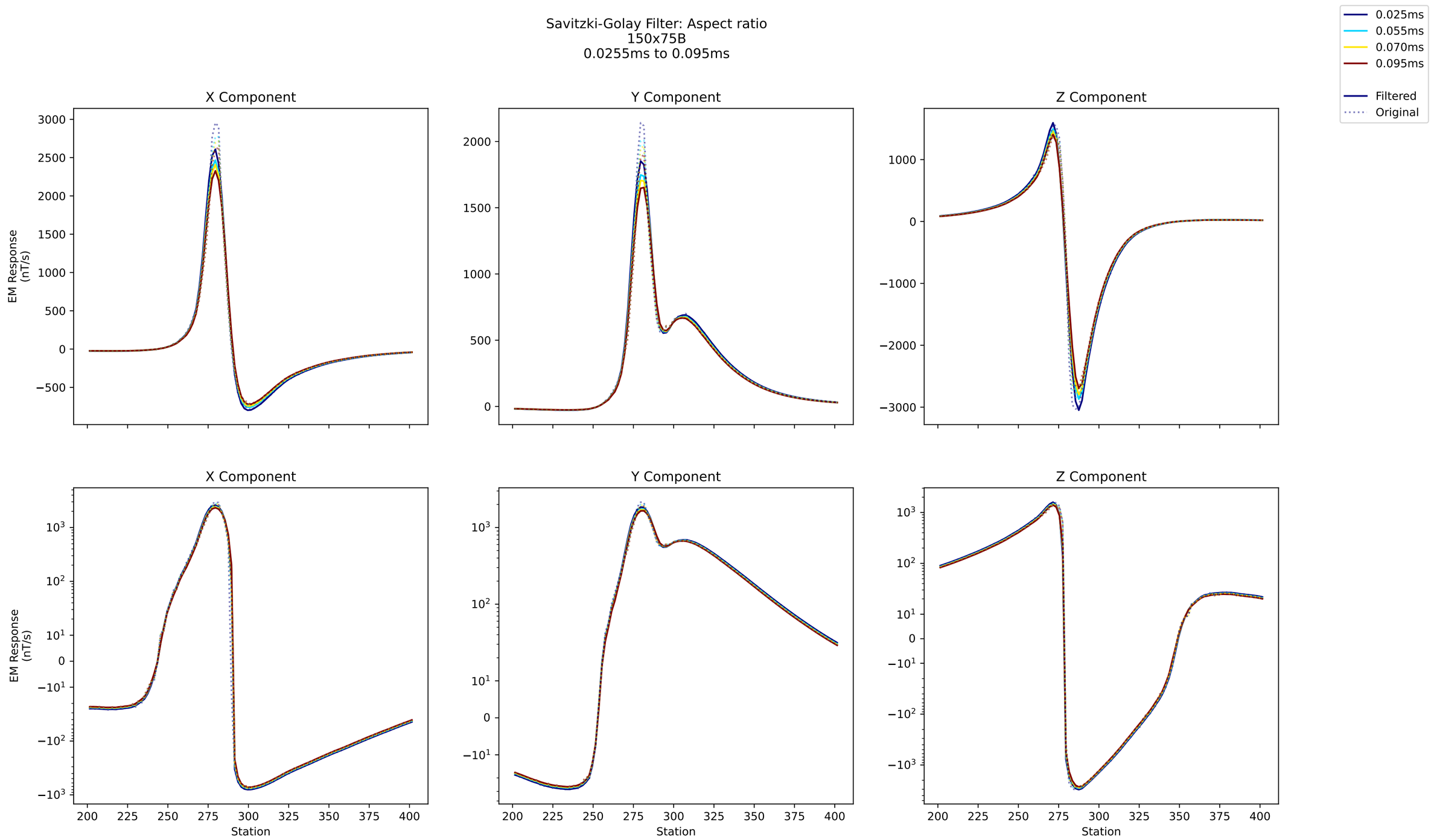
1.6e-07
-3.5e-08
Station


Savitzki-Golay Filter: Aspect ratio
150x75B
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0.025ms
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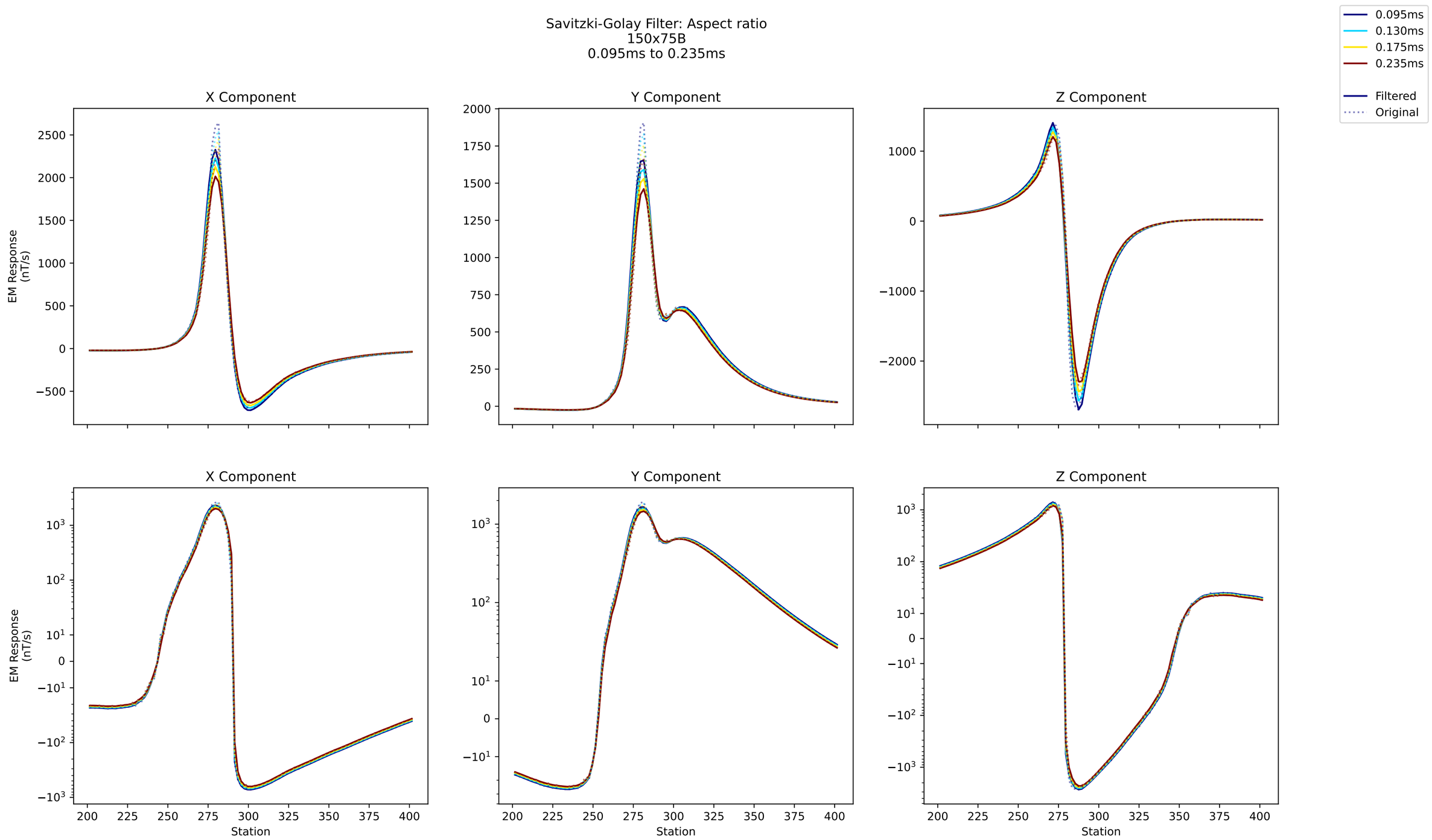
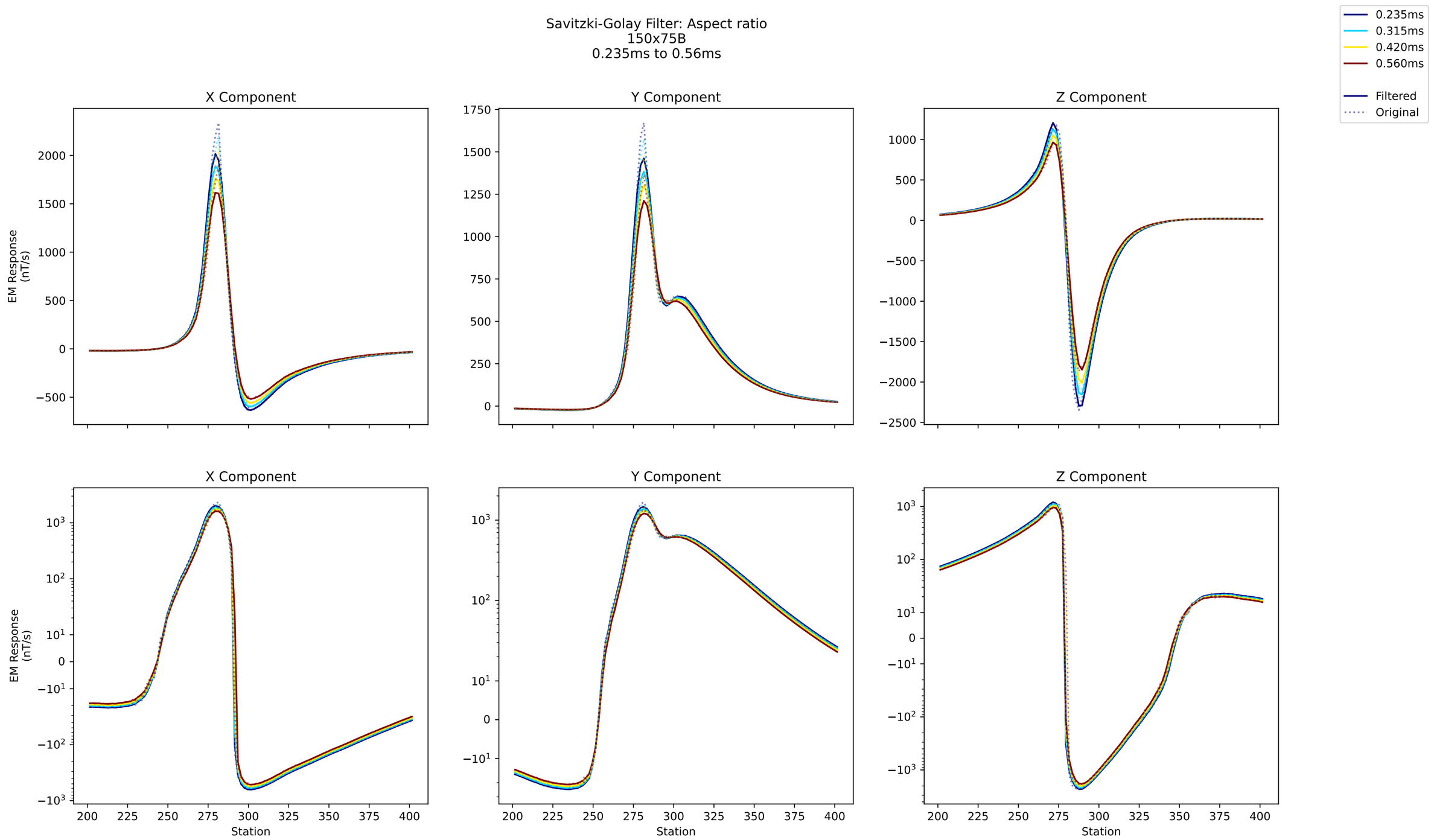
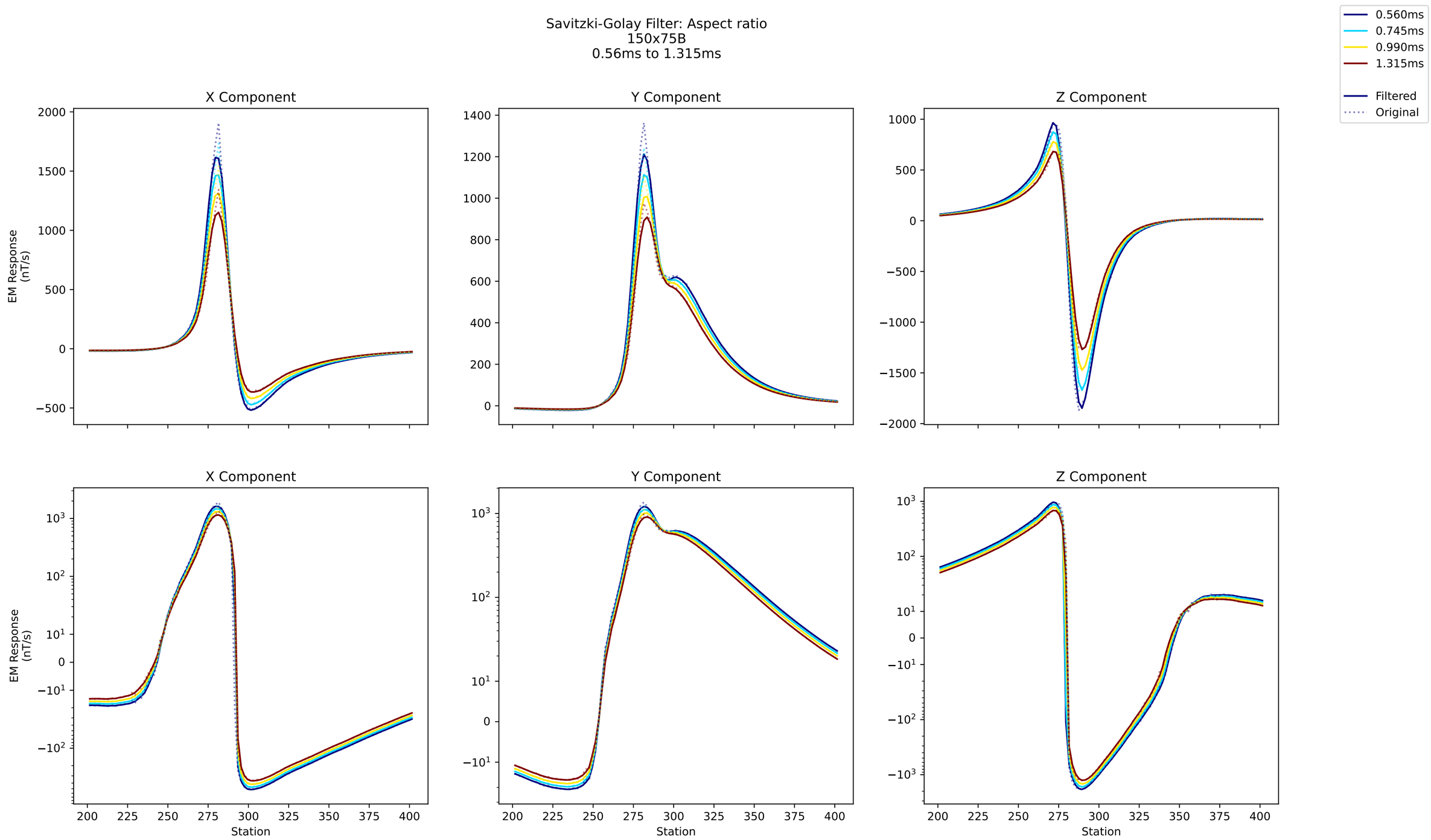
0.070ms
0.095ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
150x75B
0.095ms to 0.235ms
0.095ms
0.130ms
0.175ms
0.235ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
150x75B
0.235ms to 0.56ms
0.235ms
0.315ms
0.420ms
0.560ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
150x75B
0.56ms to 1.315ms
0.560ms
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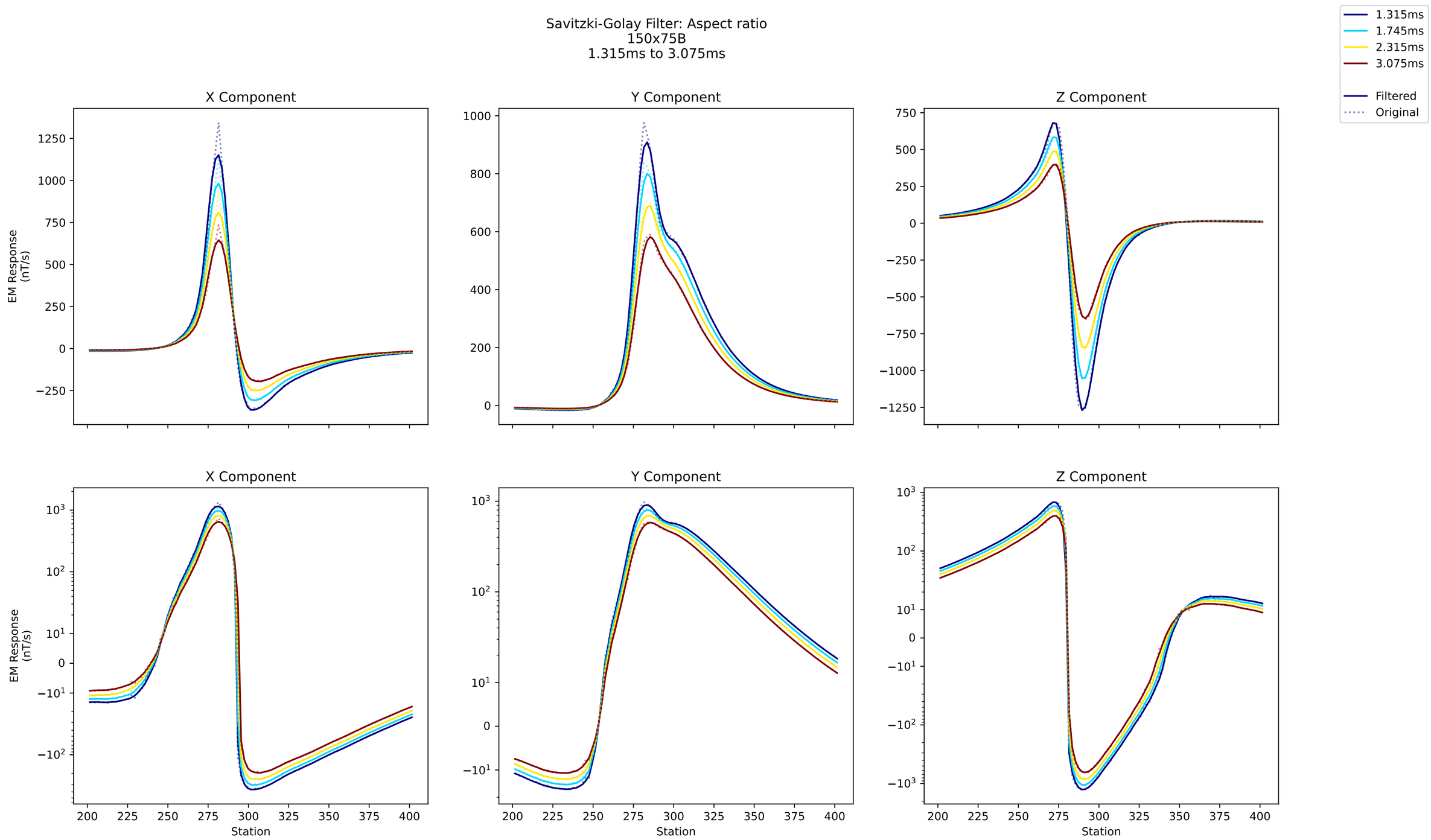
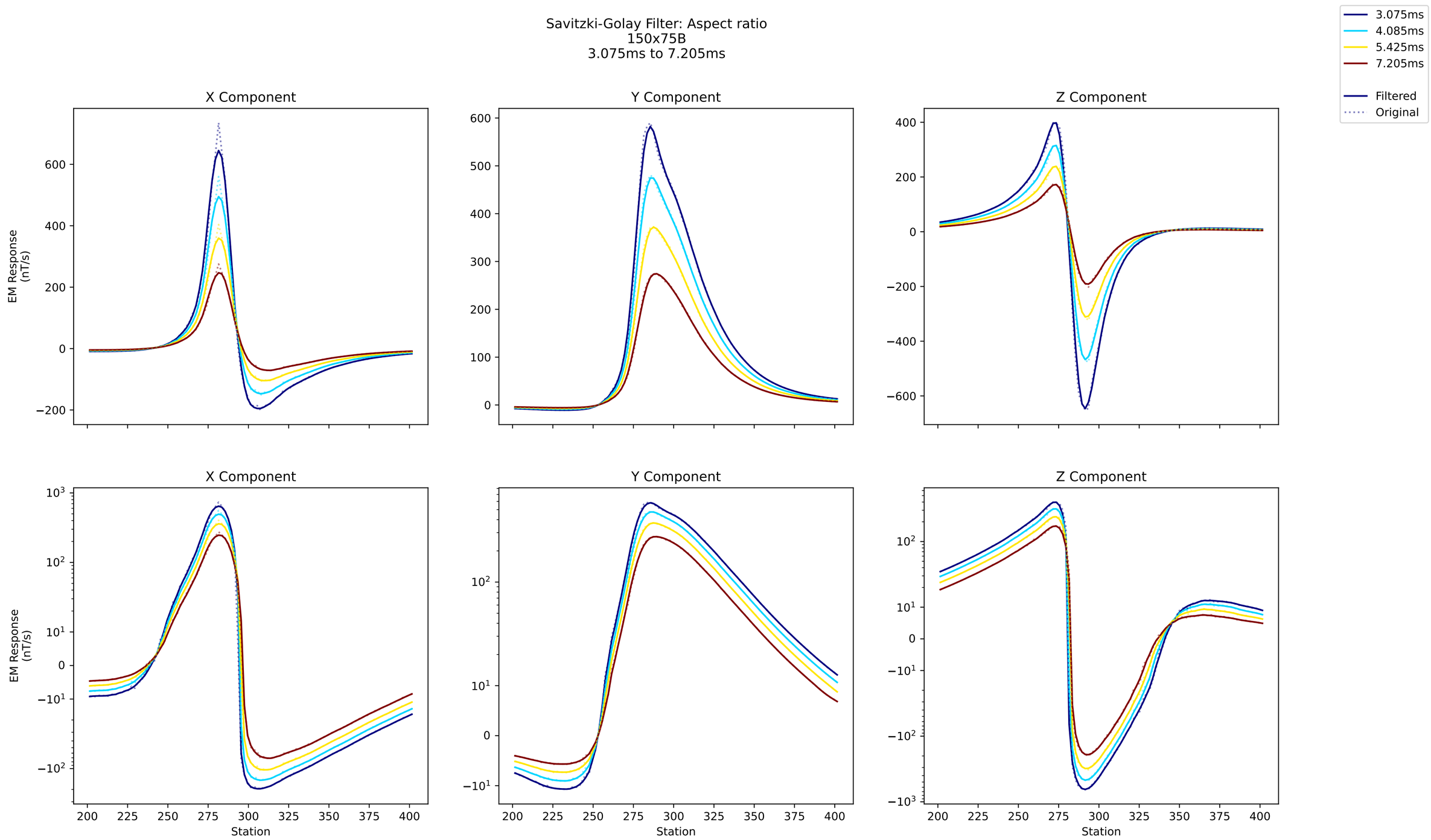
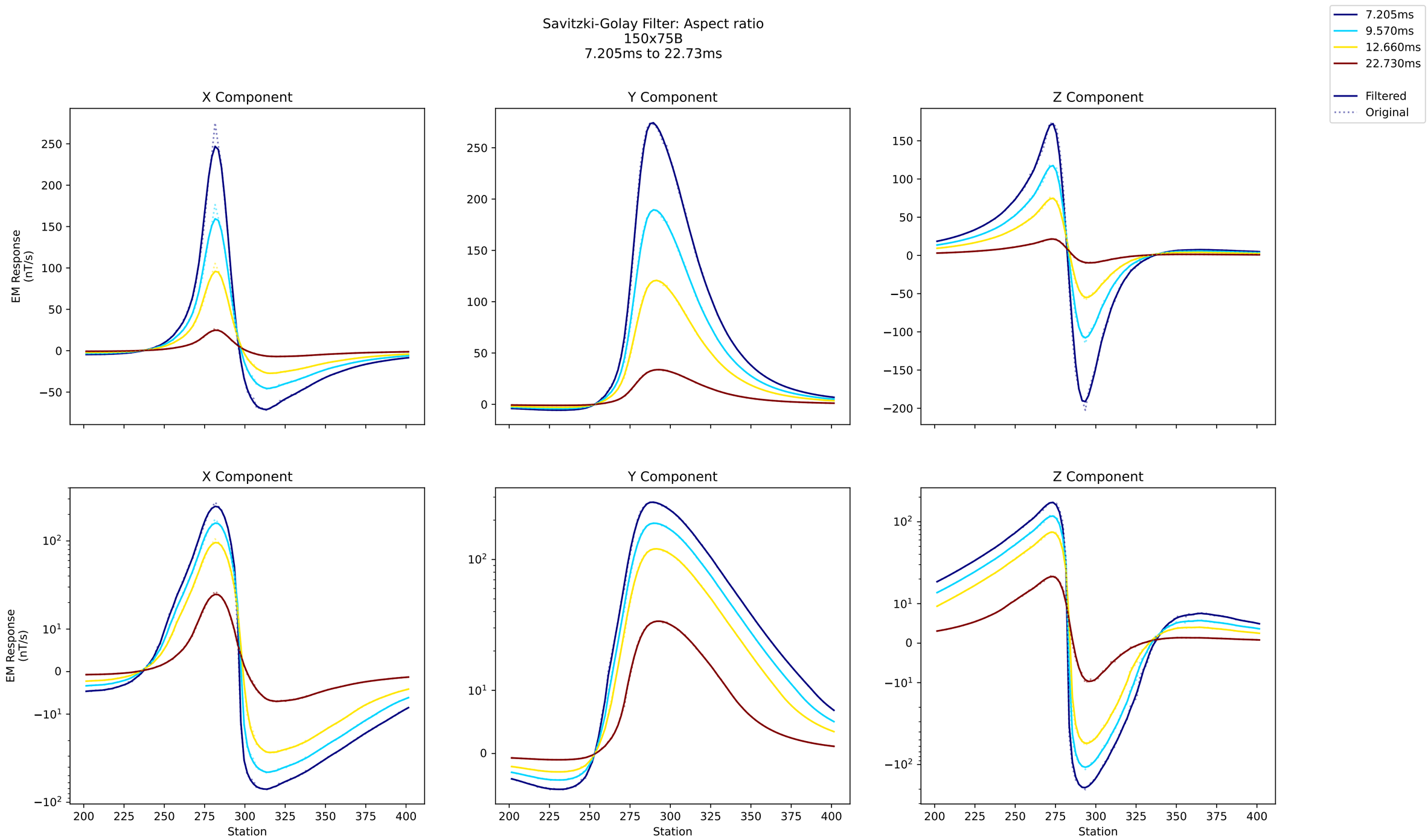
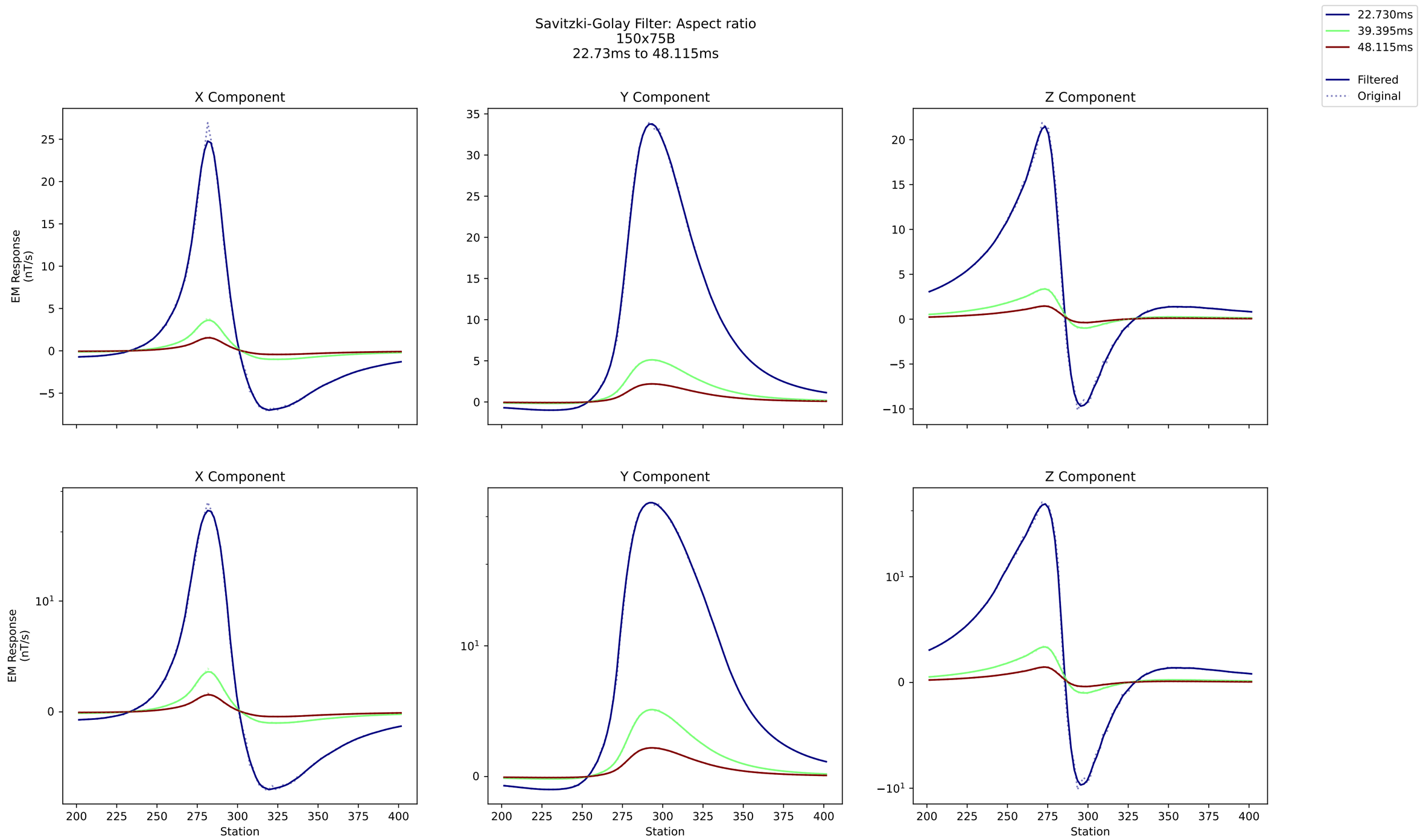
0.990ms
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
150x75B
1.315ms to 3.075ms
1.315ms
1.745ms
2.315ms
3.075ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
150x75B
3.075ms to 7.205ms
3.075ms
4.085ms
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
150x75B
7.205ms to 22.73ms
7.205ms
9.570ms
12.660ms
22.730ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
150x75B
22.73ms to 48.115ms
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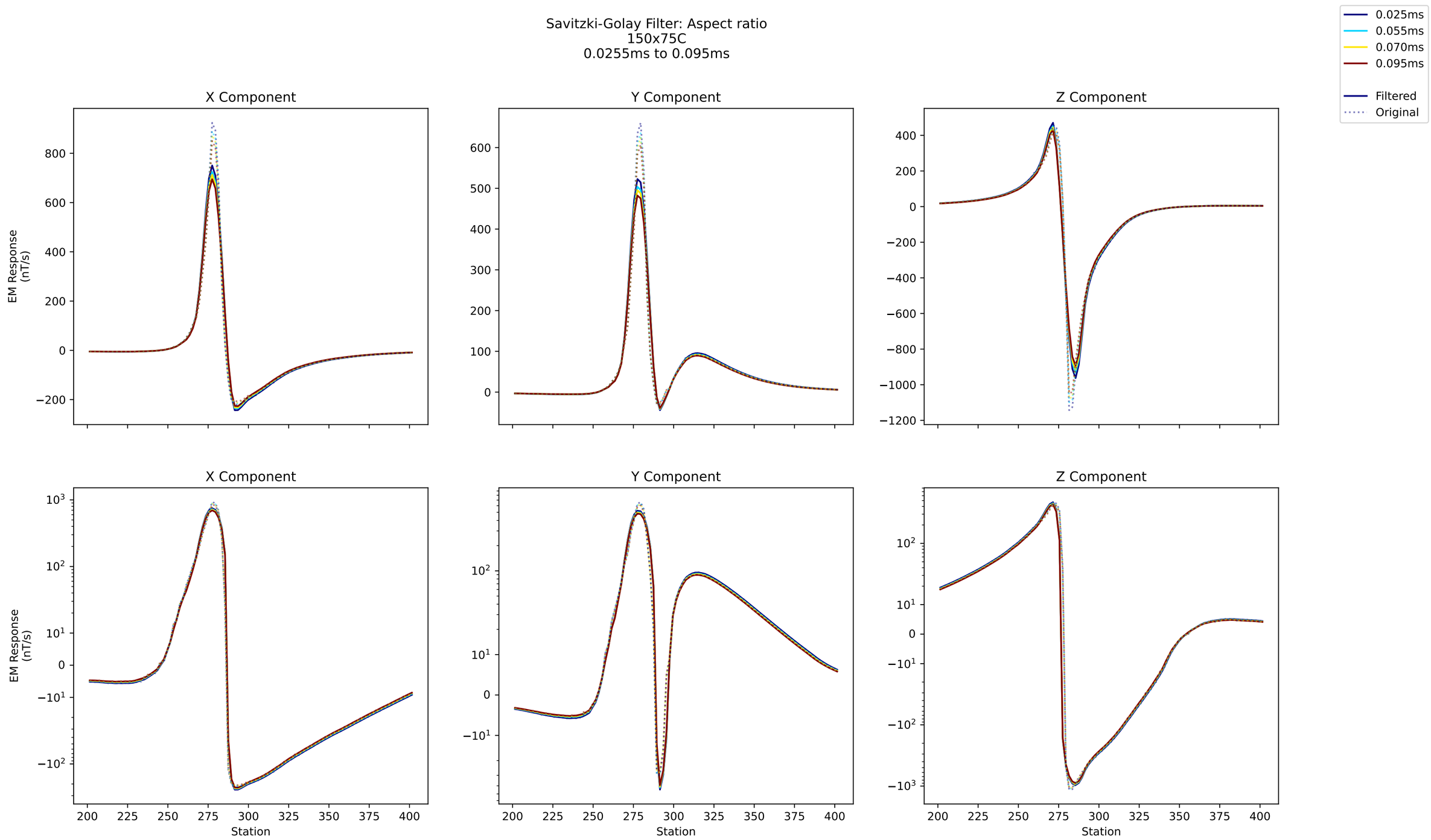
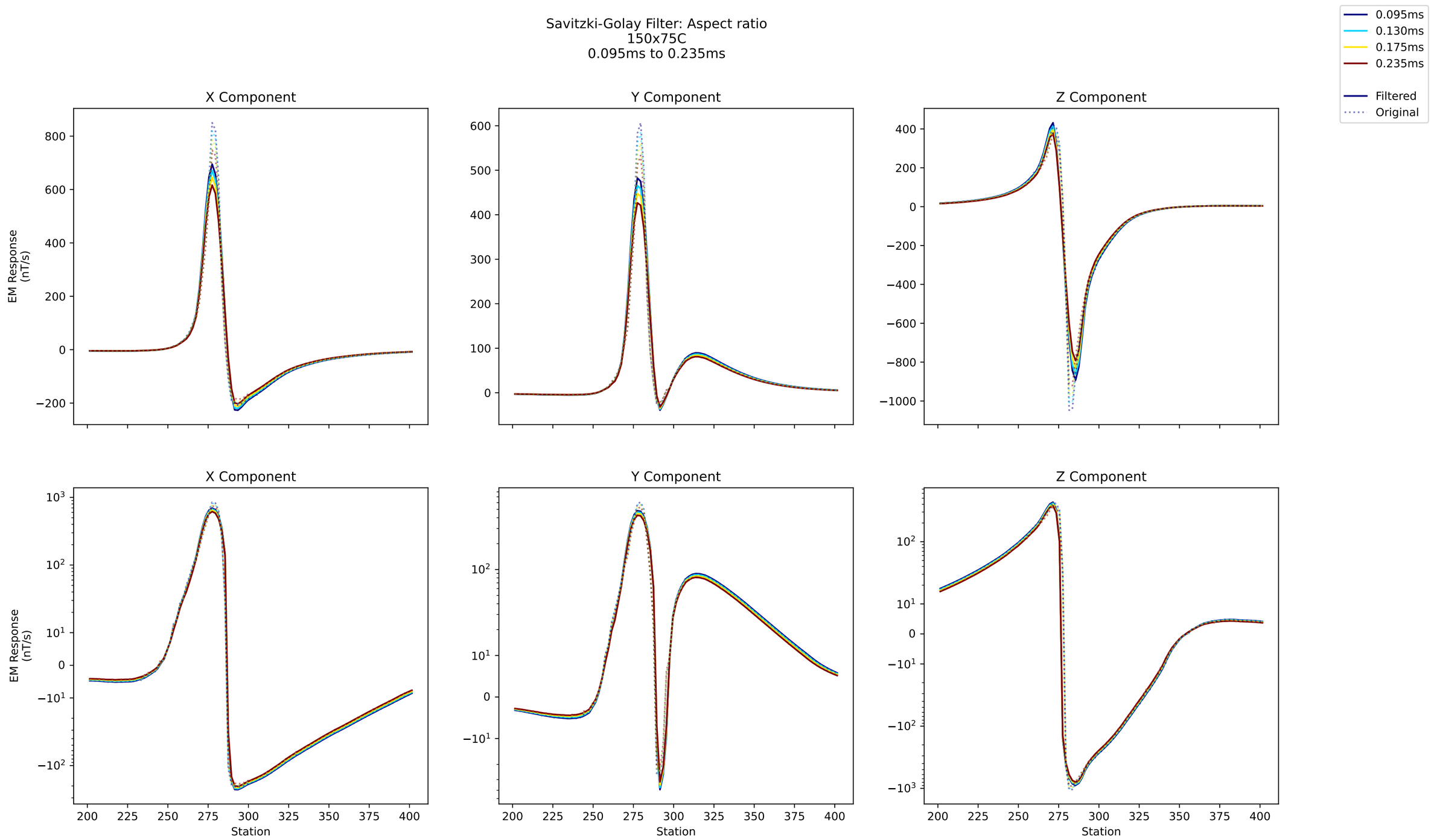
48.115ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
150x75C
0.0255ms to 0.095ms
0.025ms
0.055ms
0.070ms
0.095ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
150x75C
0.095ms to 0.235ms
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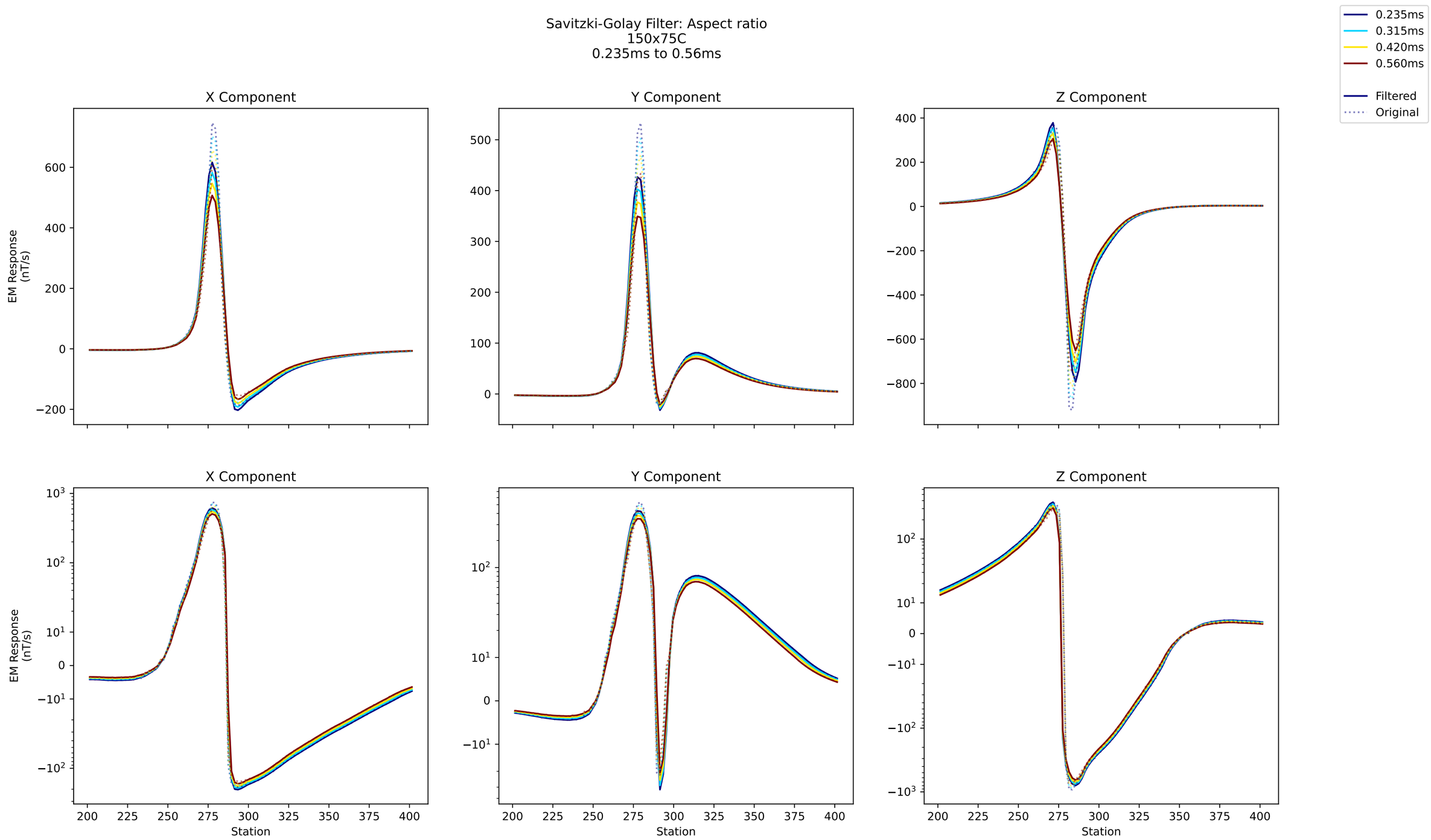
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
150x75C
0.235ms to 0.56ms
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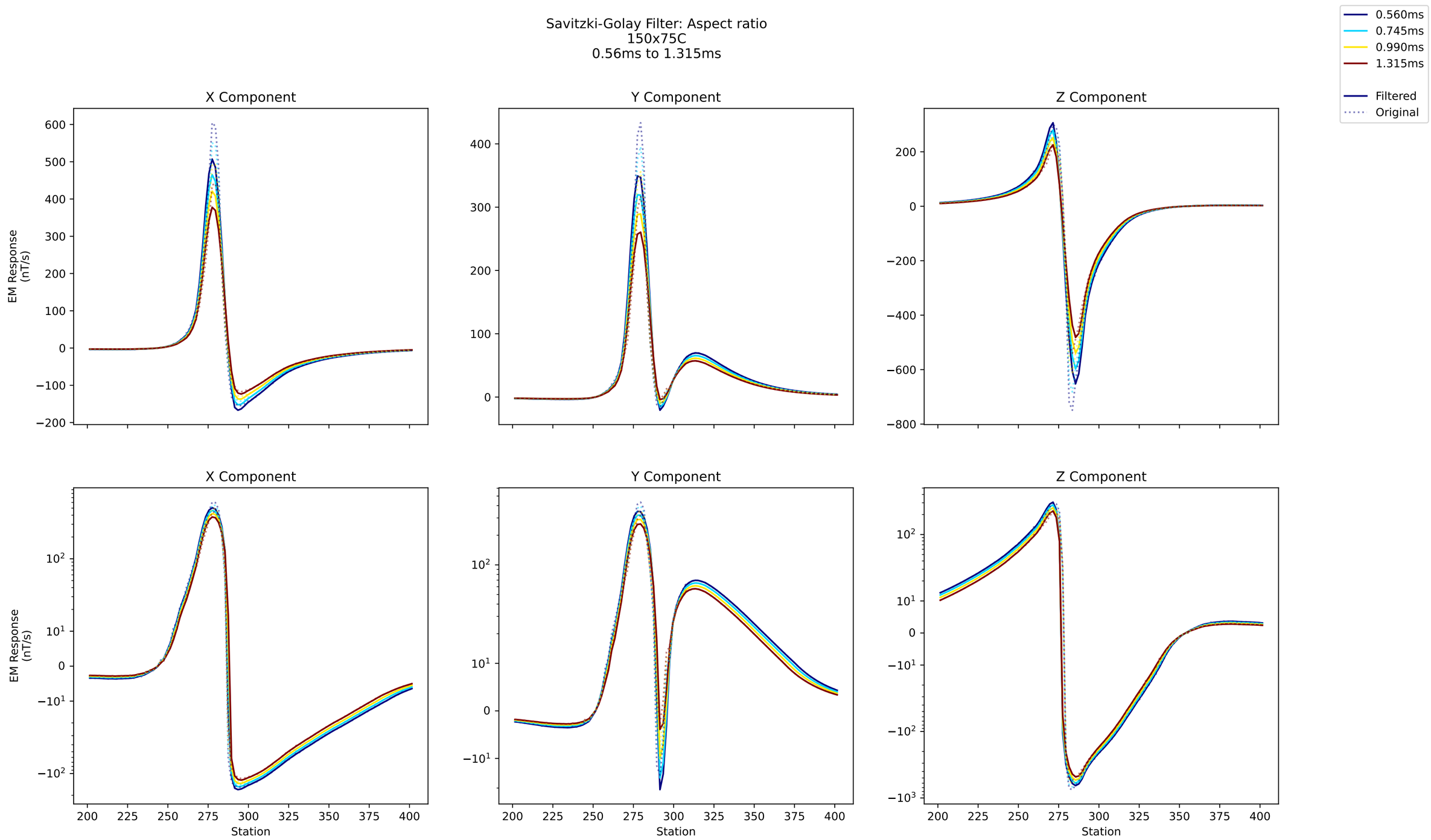
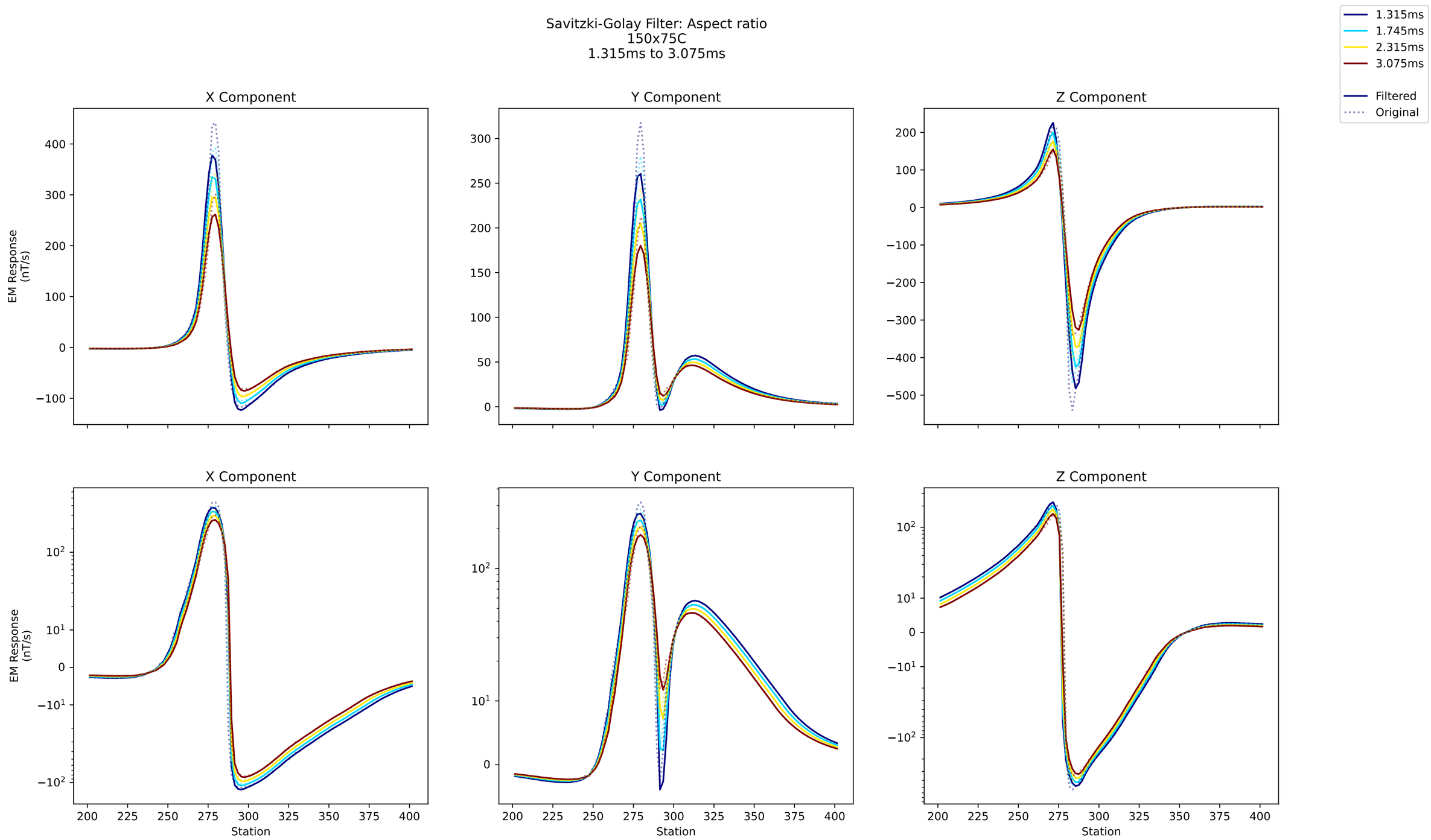
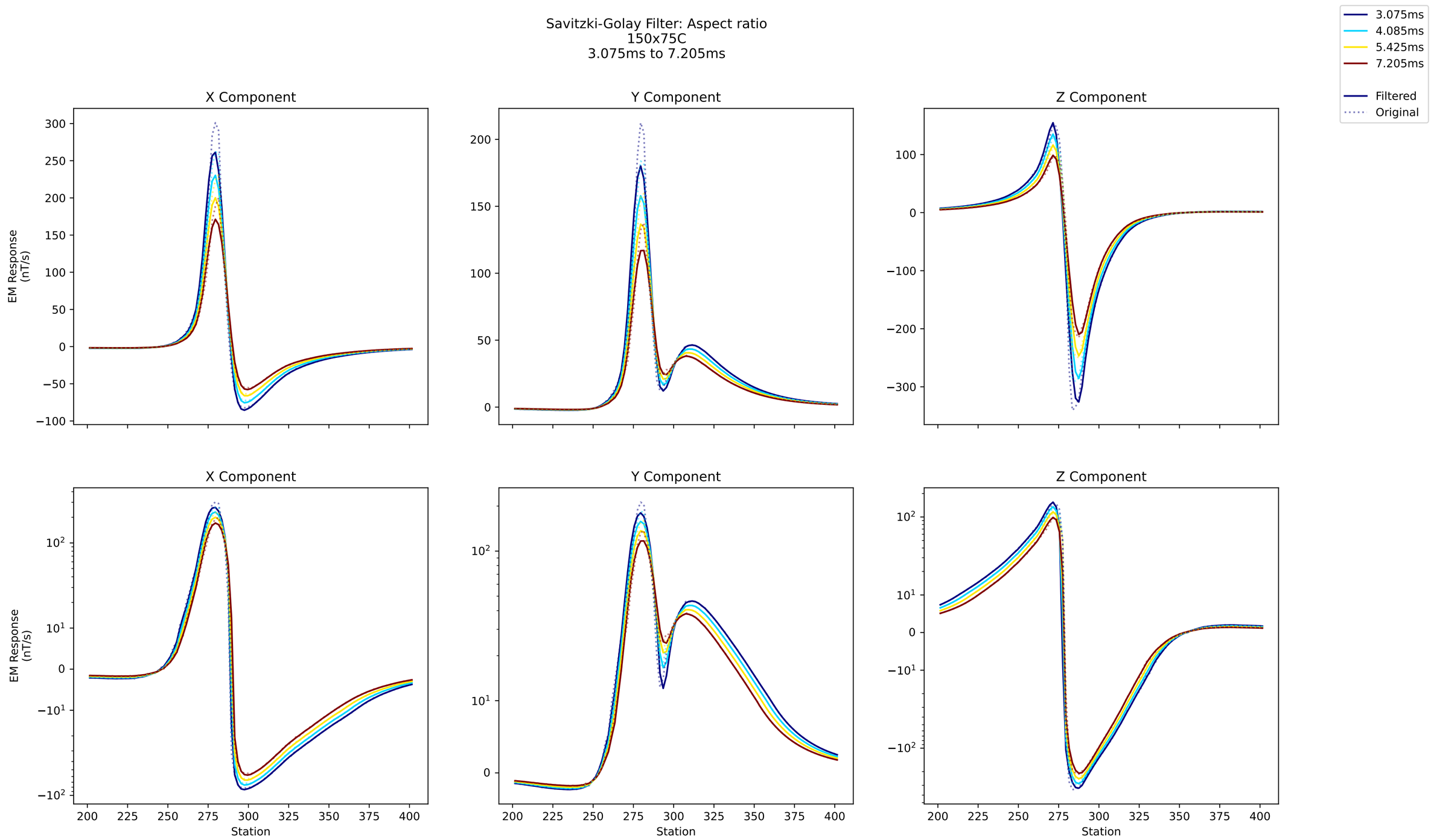
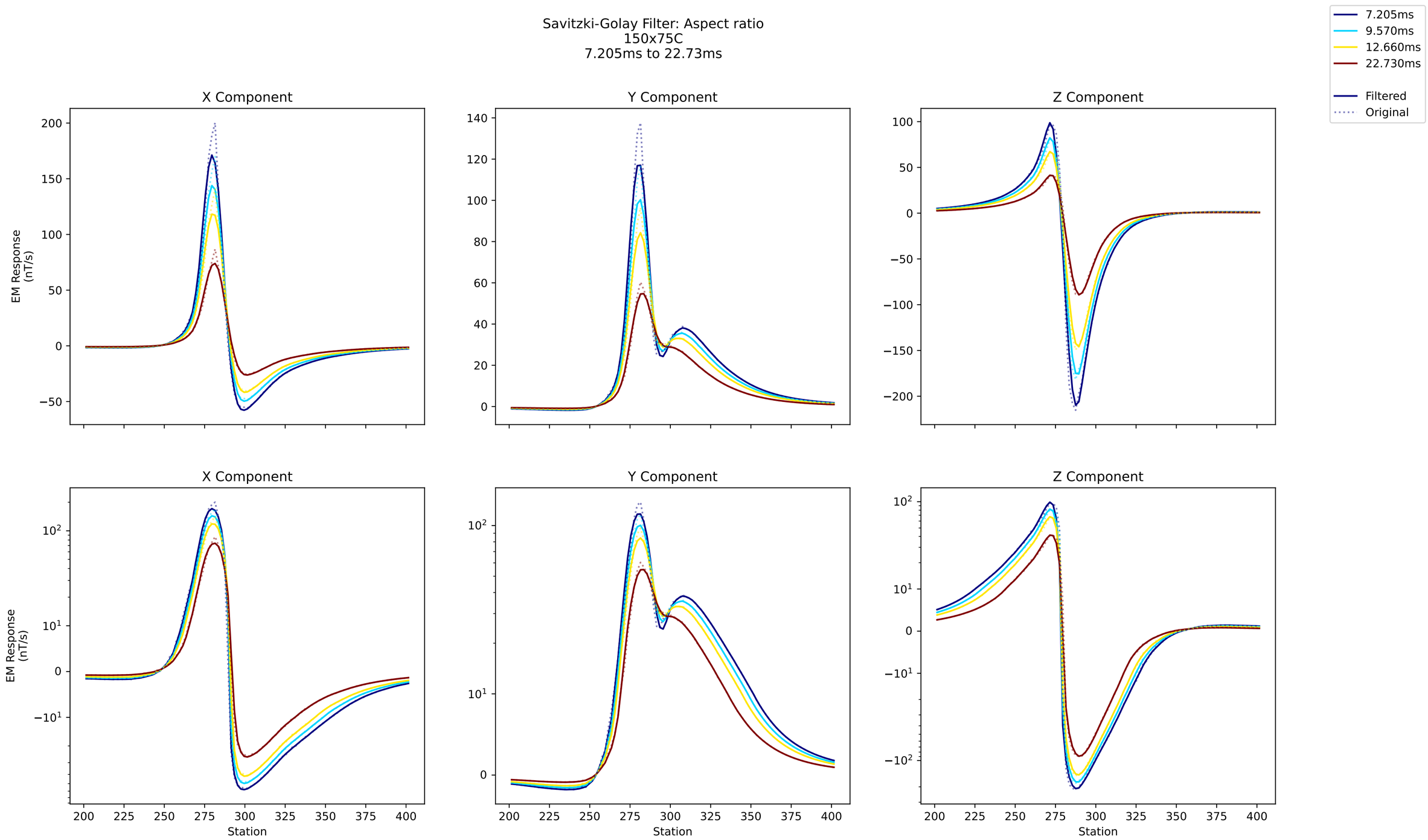
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
150x75C
0.56ms to 1.315ms
0.560ms
0.745ms
0.990ms
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
150x75C
1.315ms to 3.075ms
1.315ms
1.745ms
2.315ms
3.075ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
150x75C
3.075ms to 7.205ms
3.075ms
4.085ms
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
150x75C
7.205ms to 22.73ms
7.205ms
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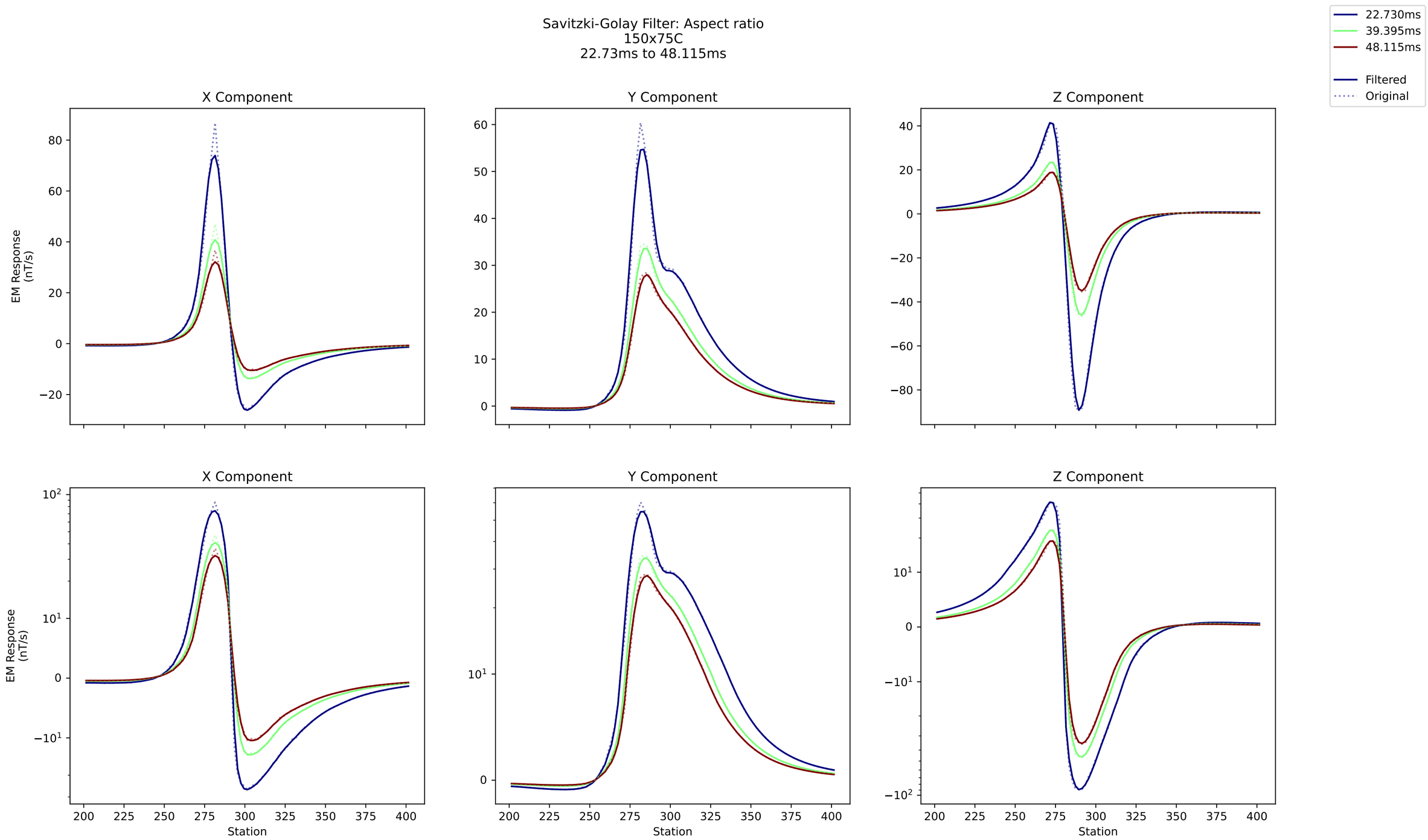
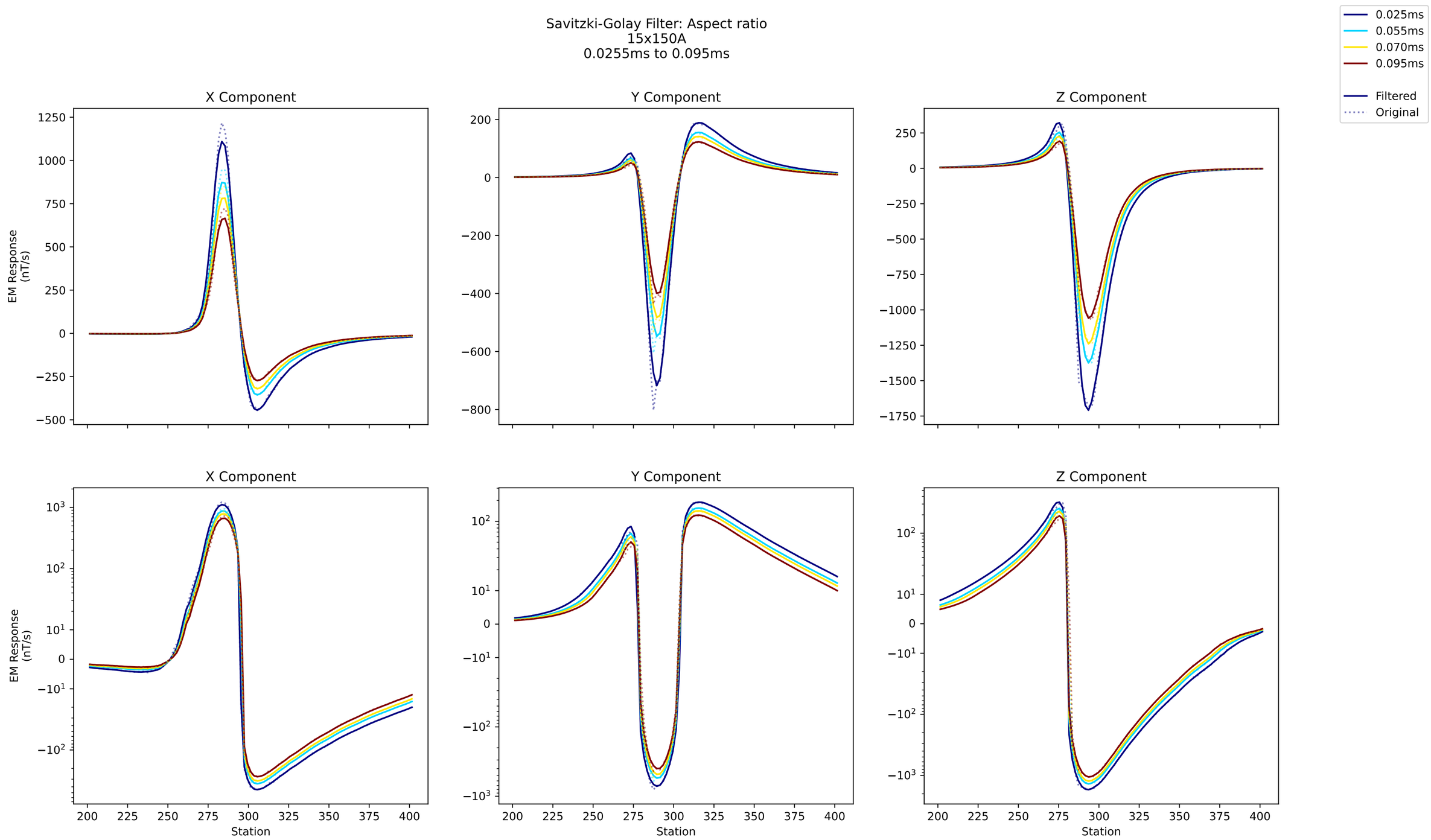
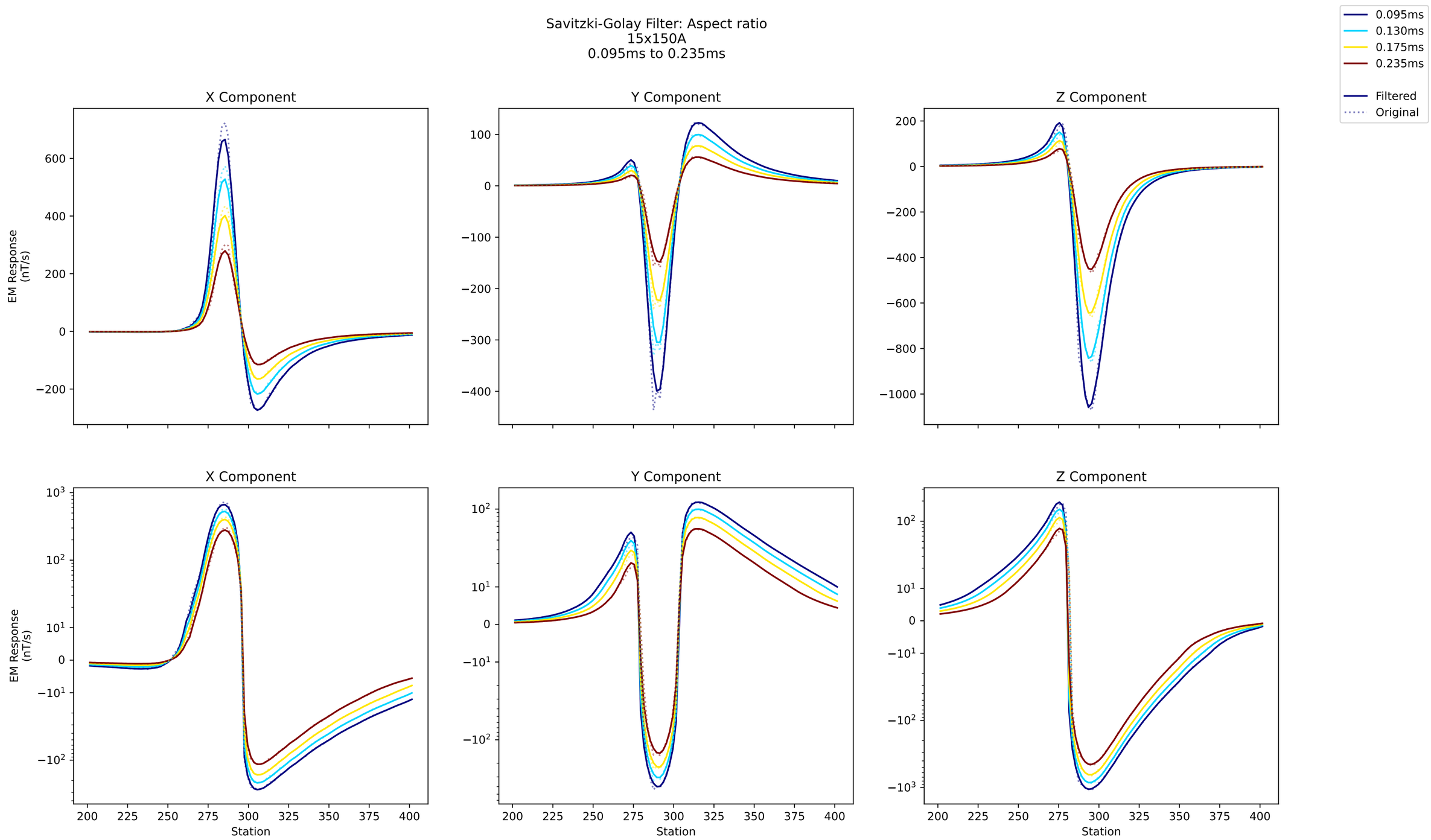
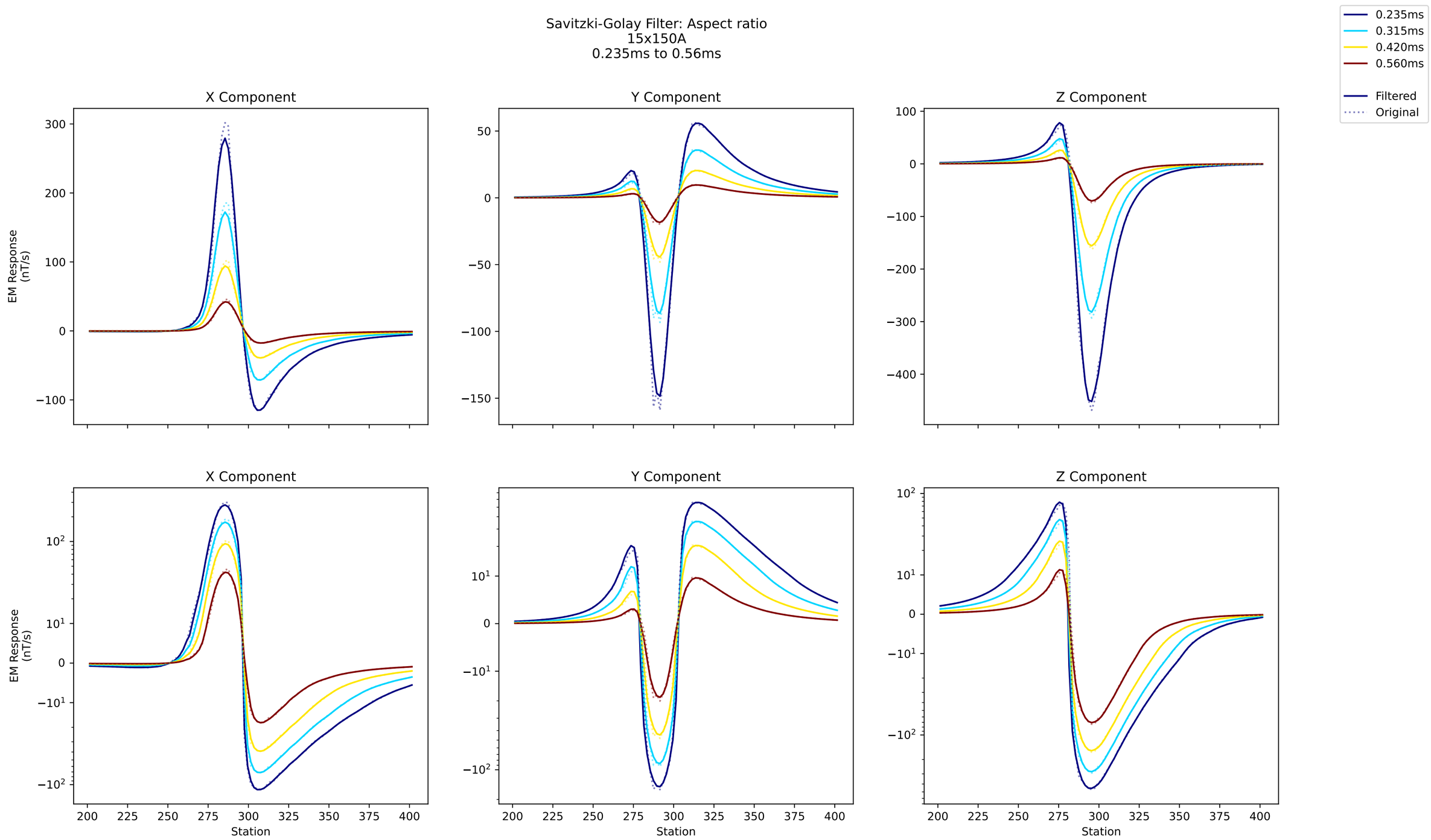
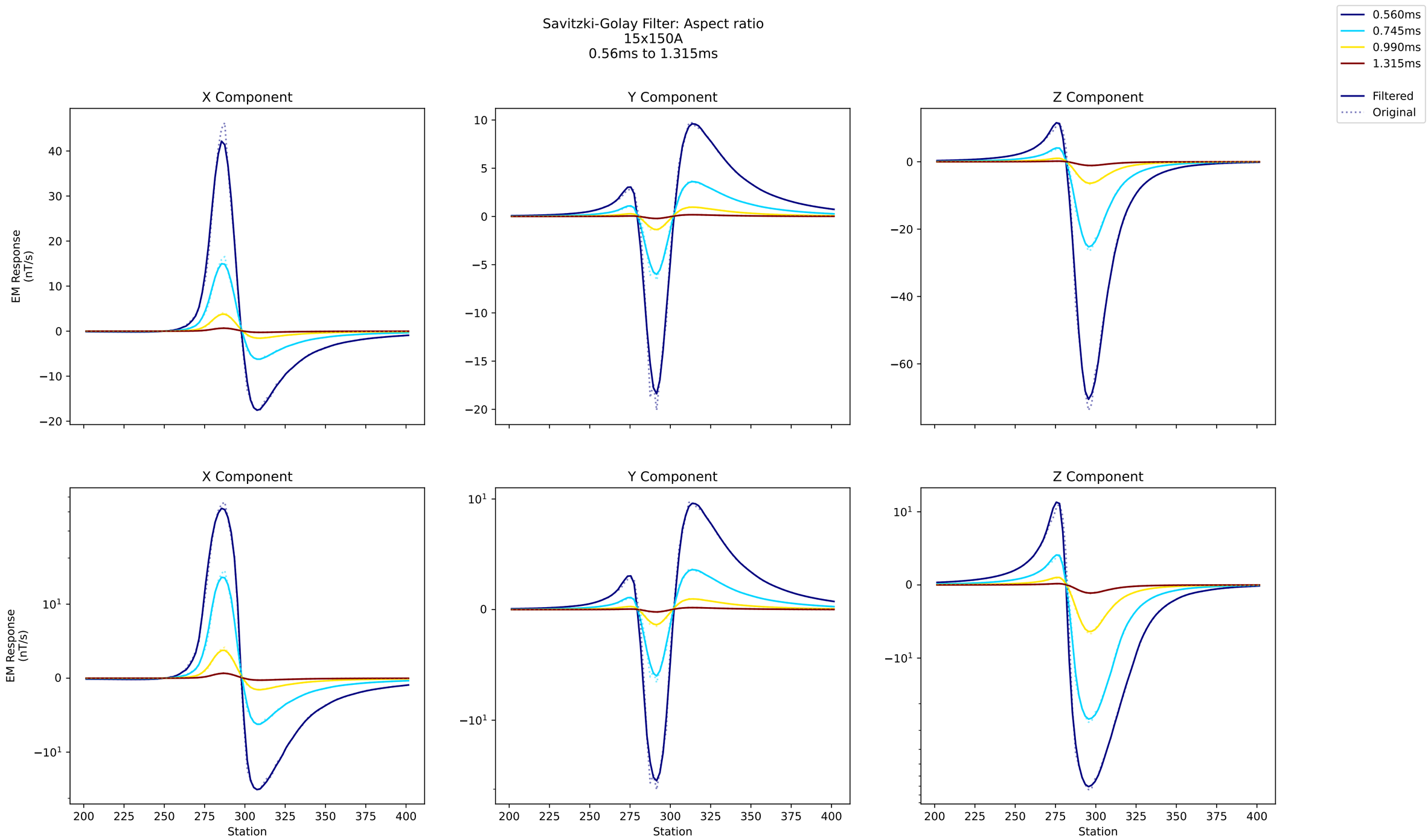
22.730ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

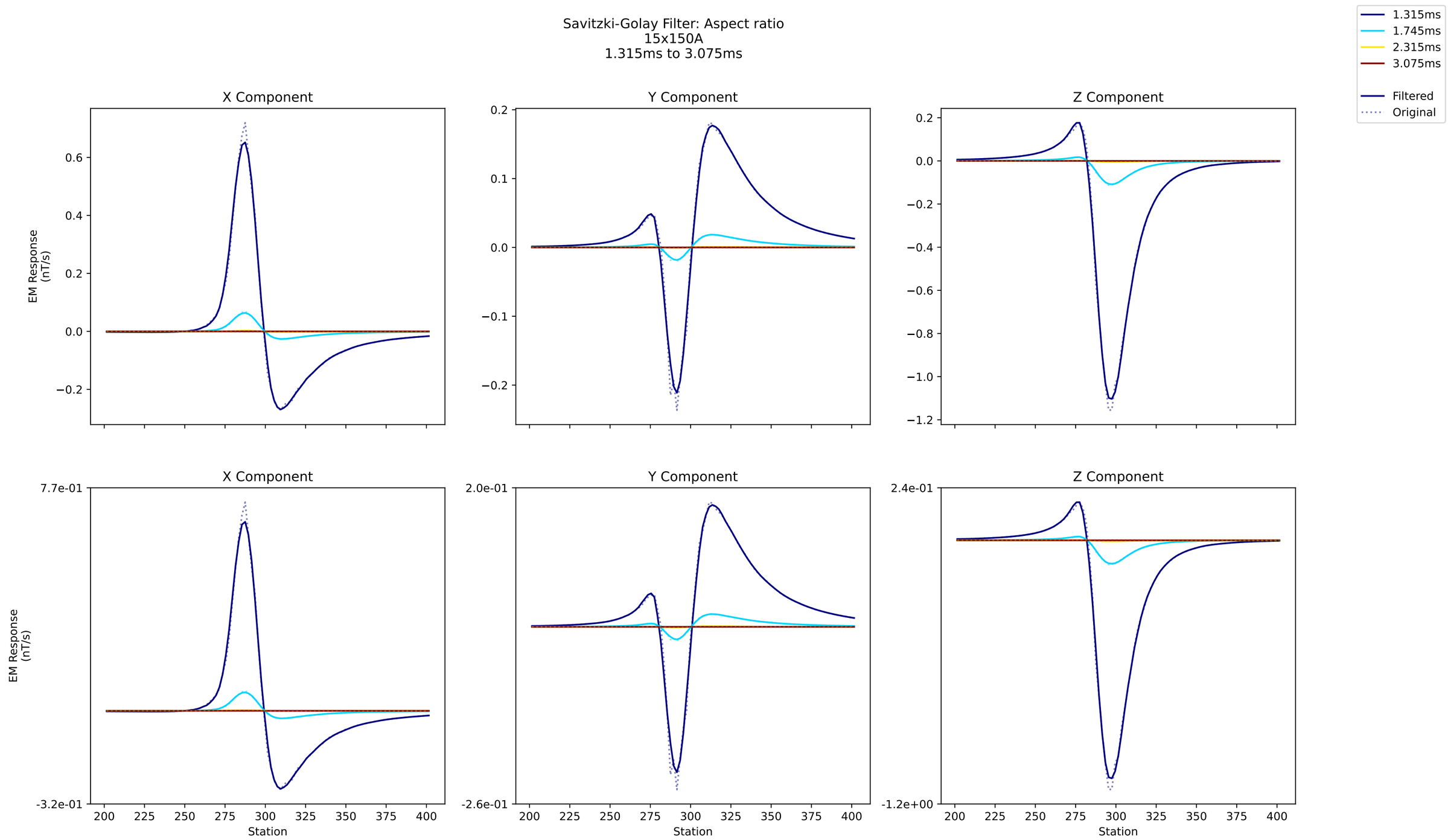

Savitzki-Golay Filter: Aspect ratio
150x75C
22.73ms to 48.115ms
22.730ms
39.395ms
48.115ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

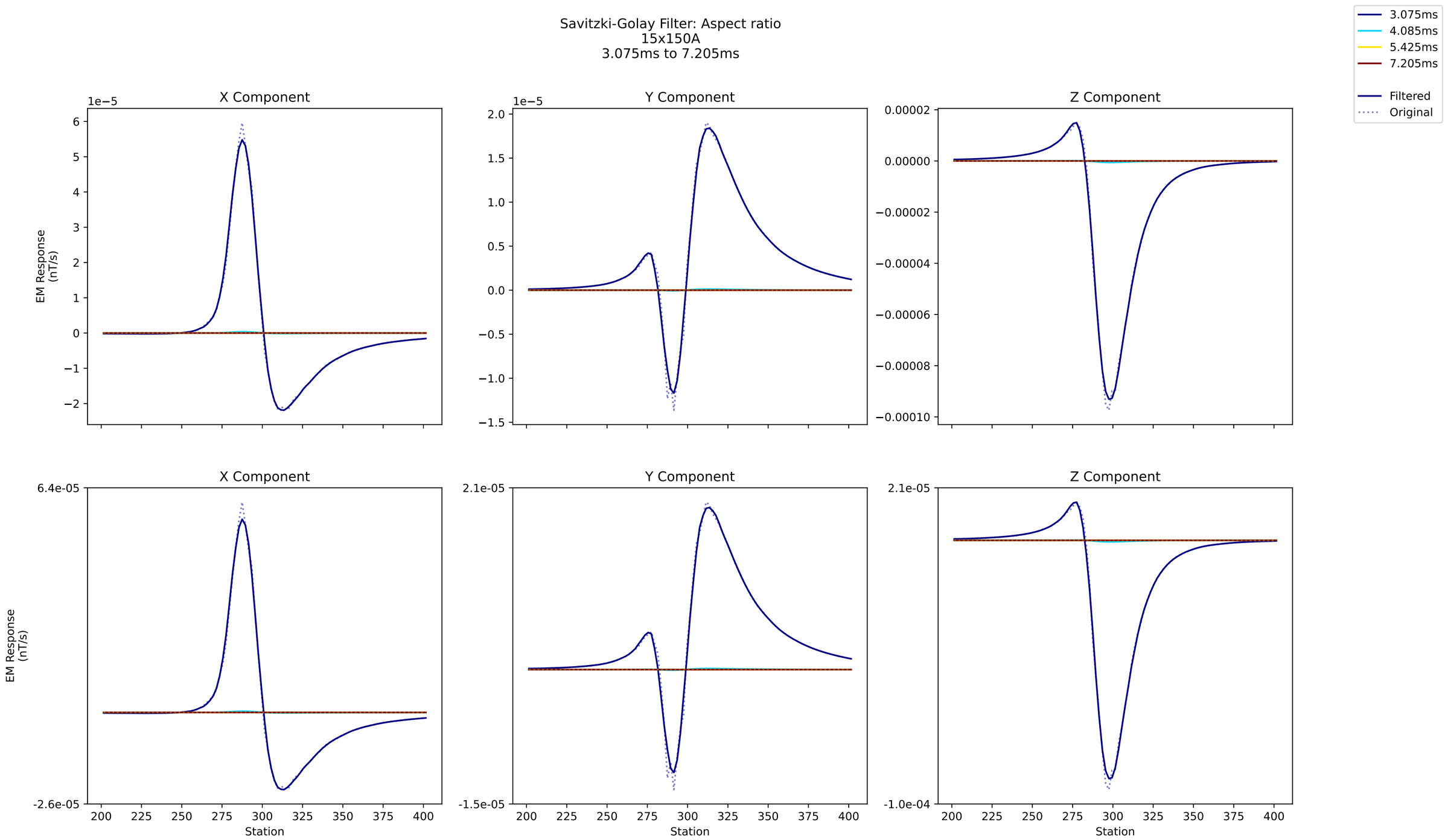

Savitzki-Golay Filter: Aspect ratio
15x150A
0.0255ms to 0.095ms
0.025ms
0.055ms
0.070ms
0.095ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

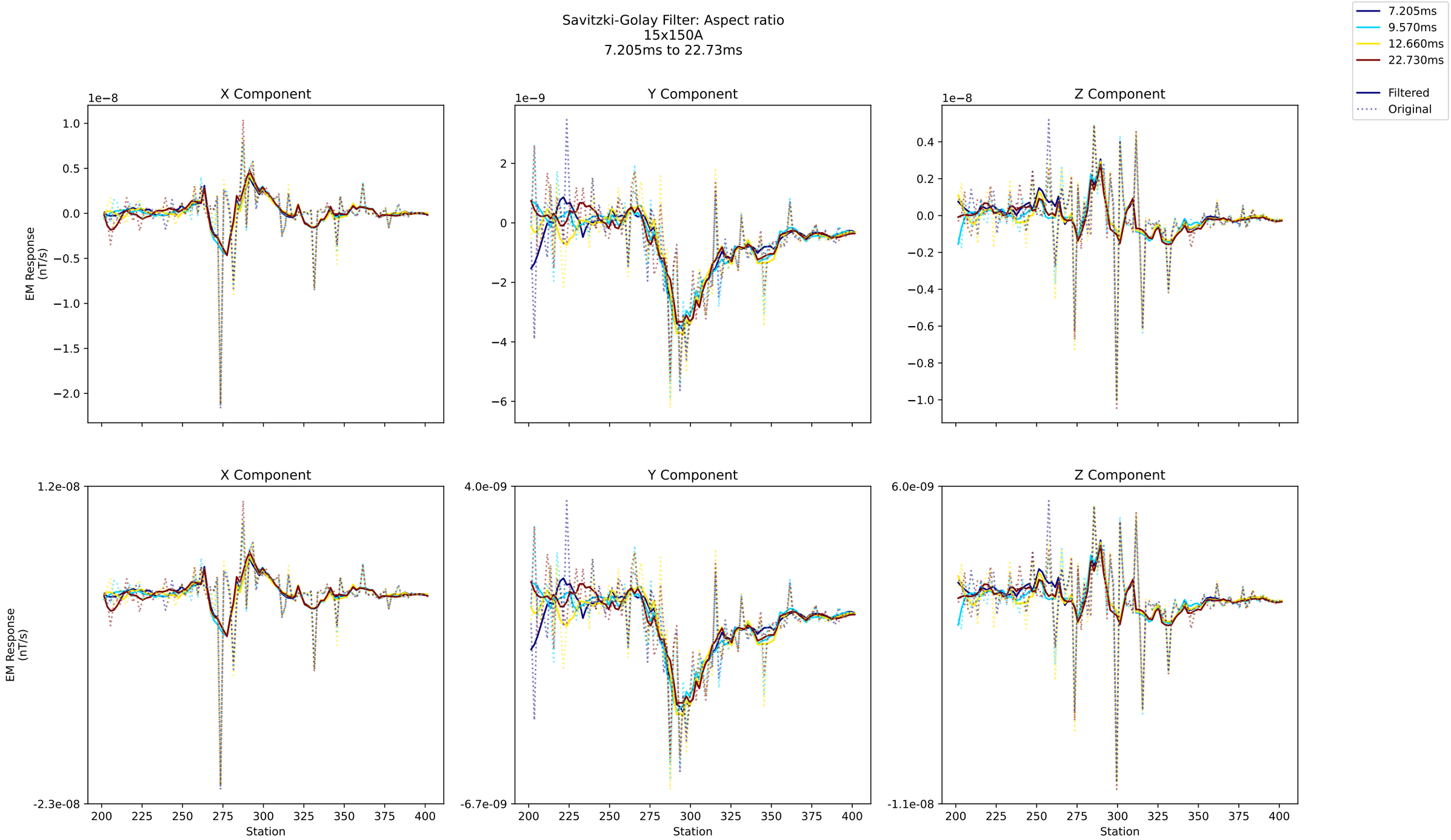

Savitzki-Golay Filter: Aspect ratio
15x150A
0.095ms to 0.235ms
0.095ms
0.130ms
0.175ms
0.235ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

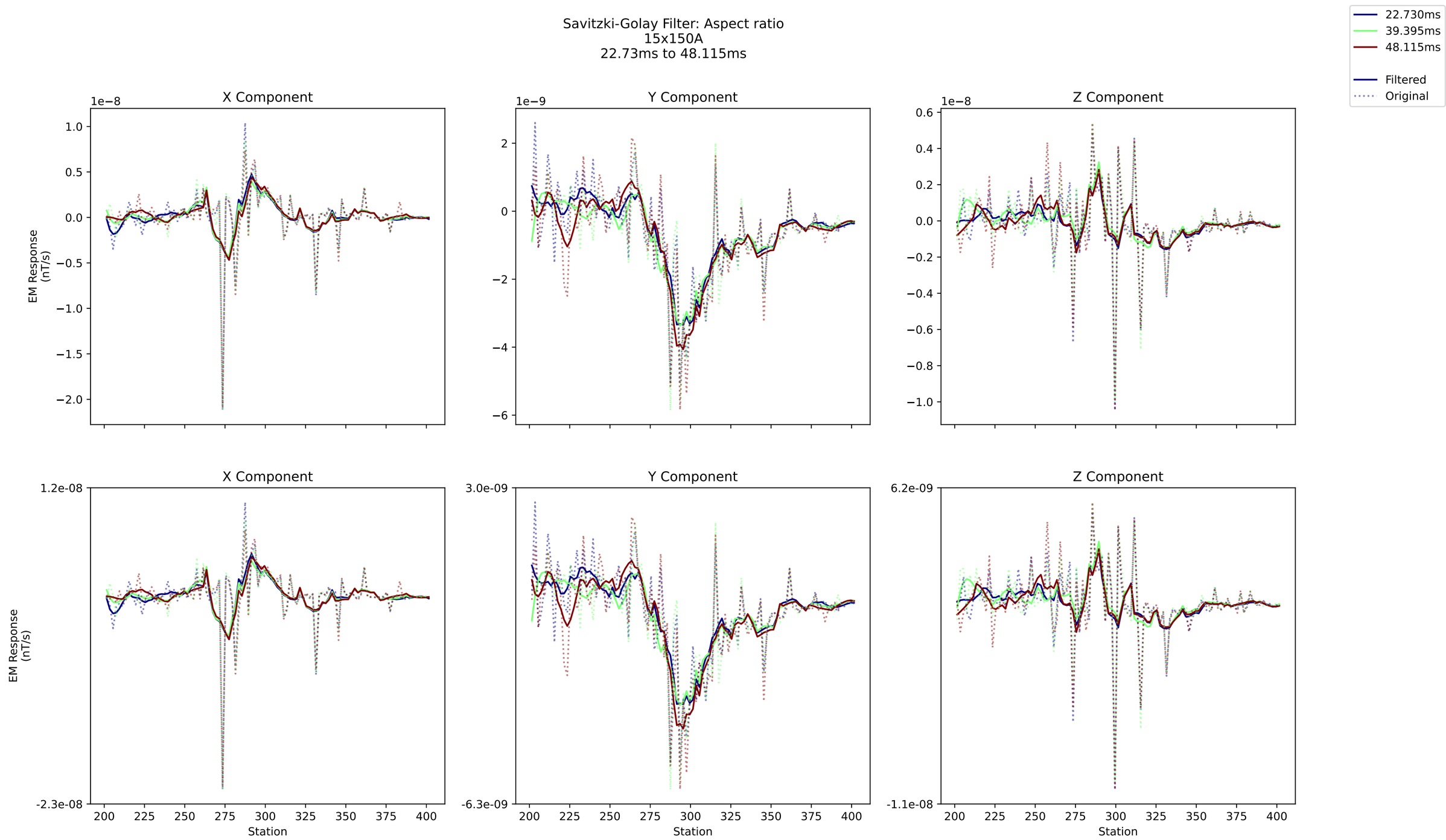

Savitzki-Golay Filter: Aspect ratio
15x150A
0.235ms to 0.56ms
0.235ms
0.315ms
0.420ms
0.560ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

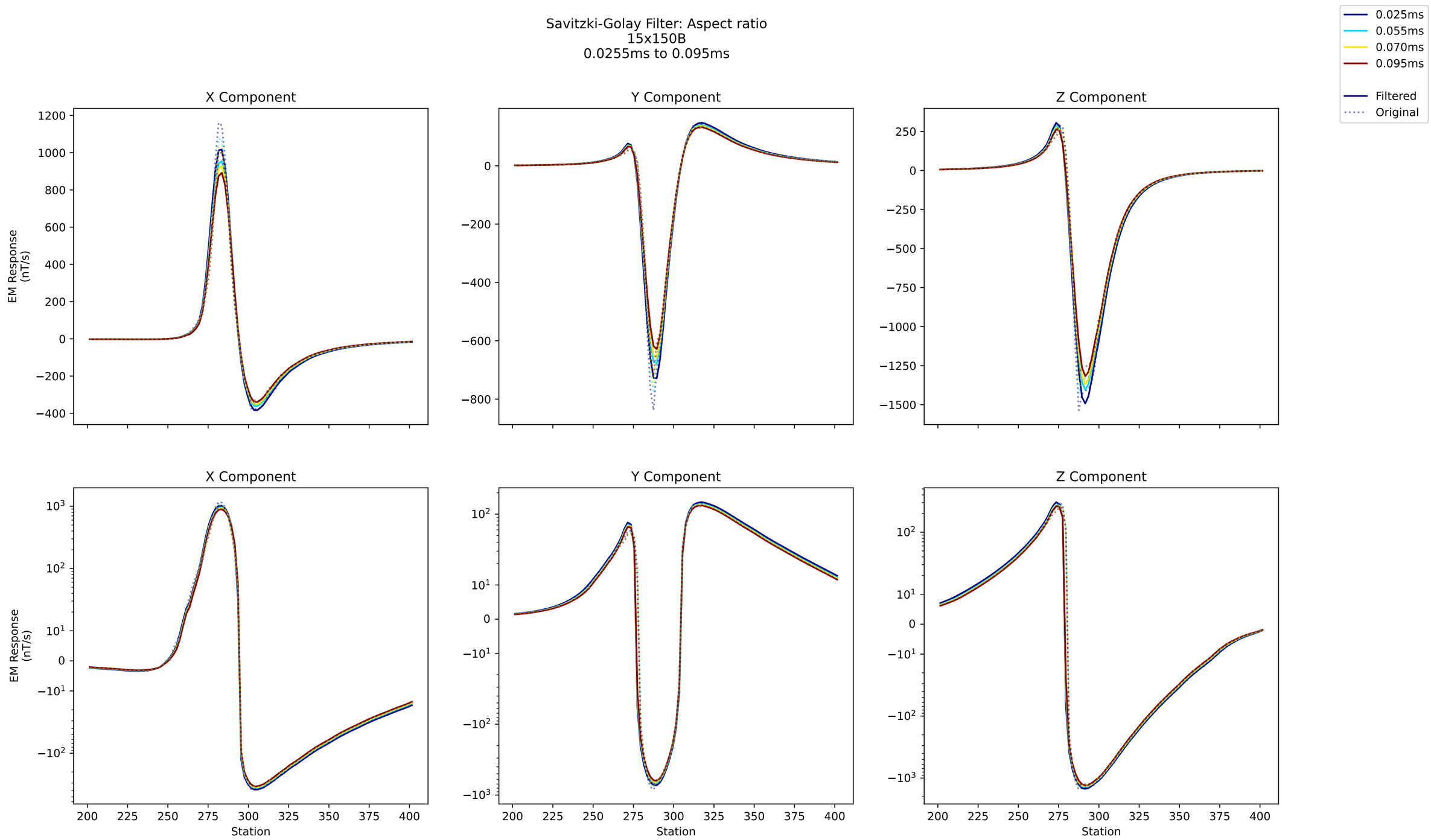

Savitzki-Golay Filter: Aspect ratio
15x150A
0.56ms to 1.315ms
0.560ms
0.745ms
0.990ms
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

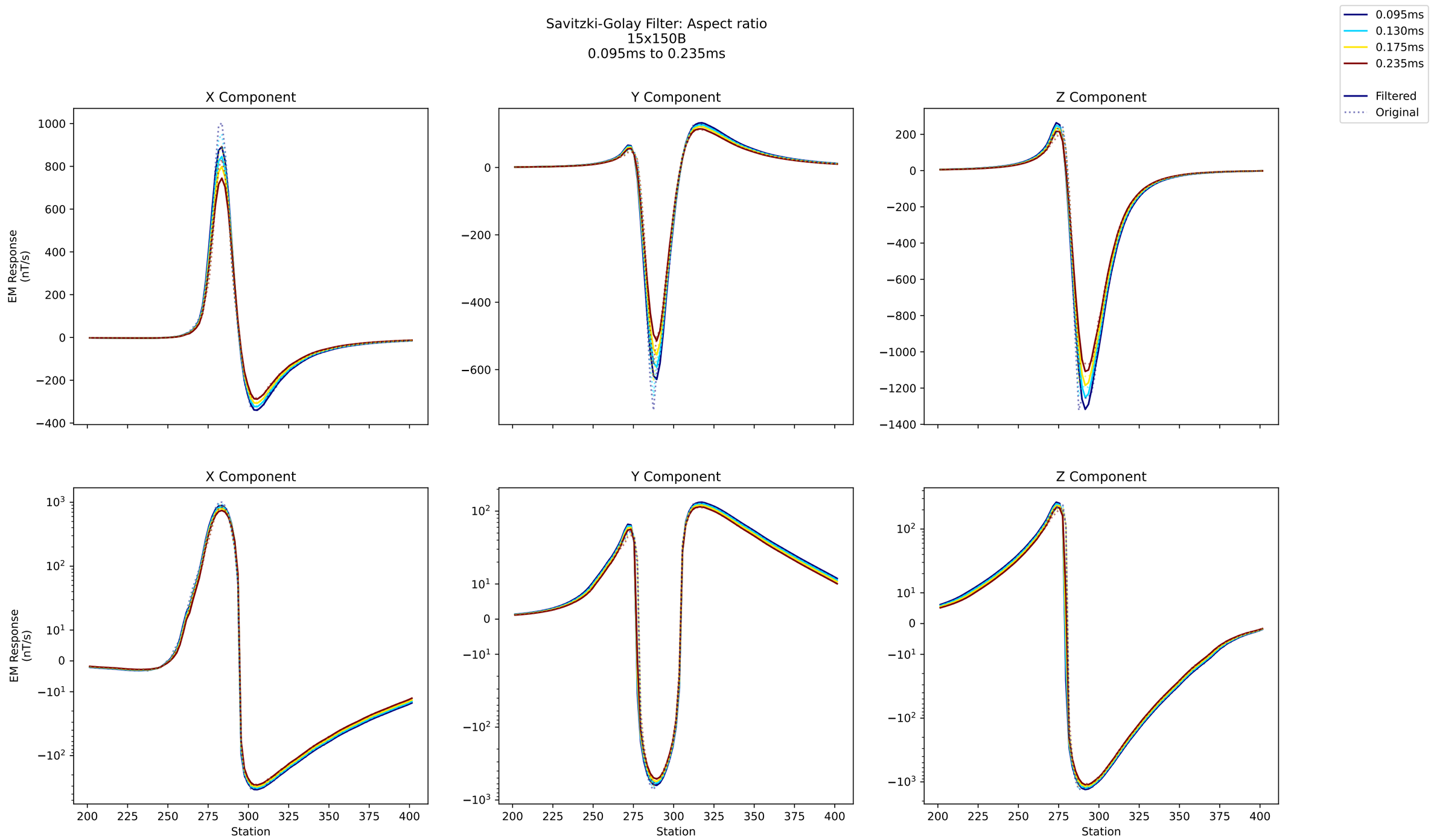

Savitzki-Golay Filter: Aspect ratio
15x150A
1.315ms to 3.075ms
1.315ms
1.745ms
2.315ms
3.075ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

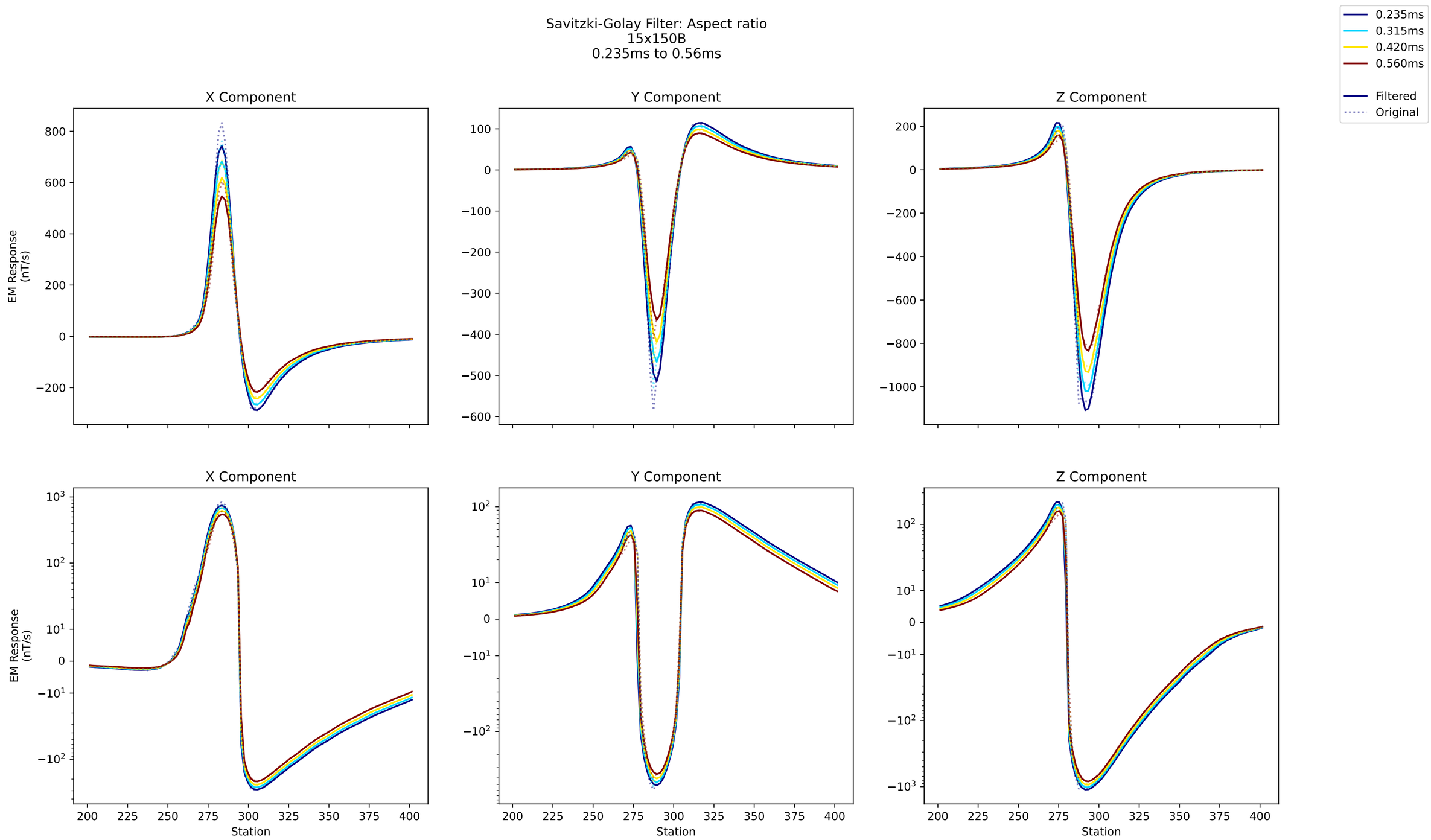

Savitzki-Golay Filter: Aspect ratio
15x150A
3.075ms to 7.205ms
3.075ms
4.085ms
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
1e−5
EM Response
(nT/s)
6.4e-05
-2.6e-05
2.1e-05
-1.5e-05
-1.0e-04
Station

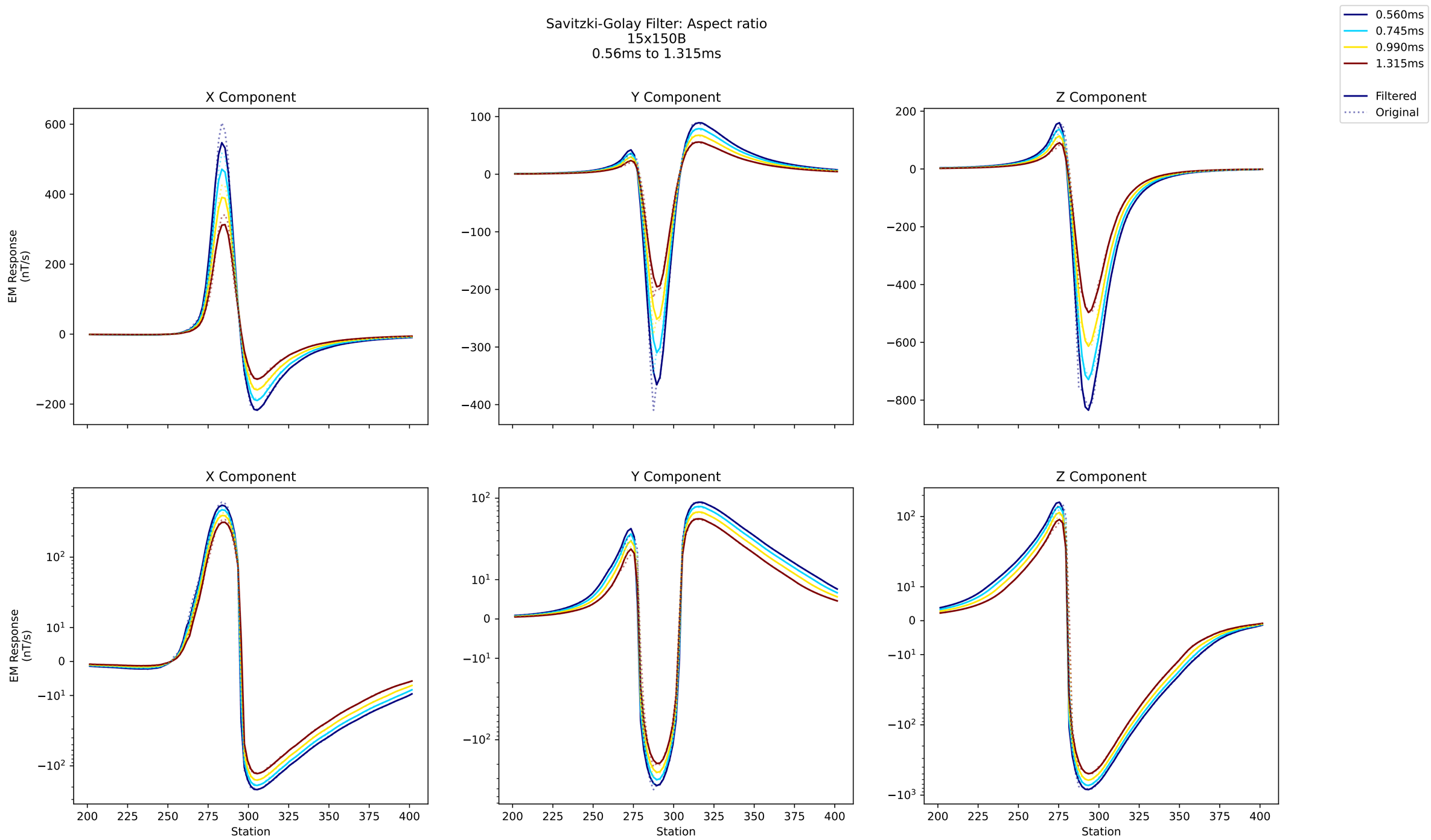

Savitzki-Golay Filter: Aspect ratio
15x150A
7.205ms to 22.73ms
7.205ms
9.570ms
12.660ms
22.730ms
Filtered
Original
X Component
Y Component
Z Component
1e−8
1e−9
1e−8
EM Response
(nT/s)
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
2
0
−2
−4
−6
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
1.2e-08
-2.3e-08
4.0e-09
-6.7e-09
6.0e-09
-1.1e-08
200
225
250
275
300
325
350
375
400
Station

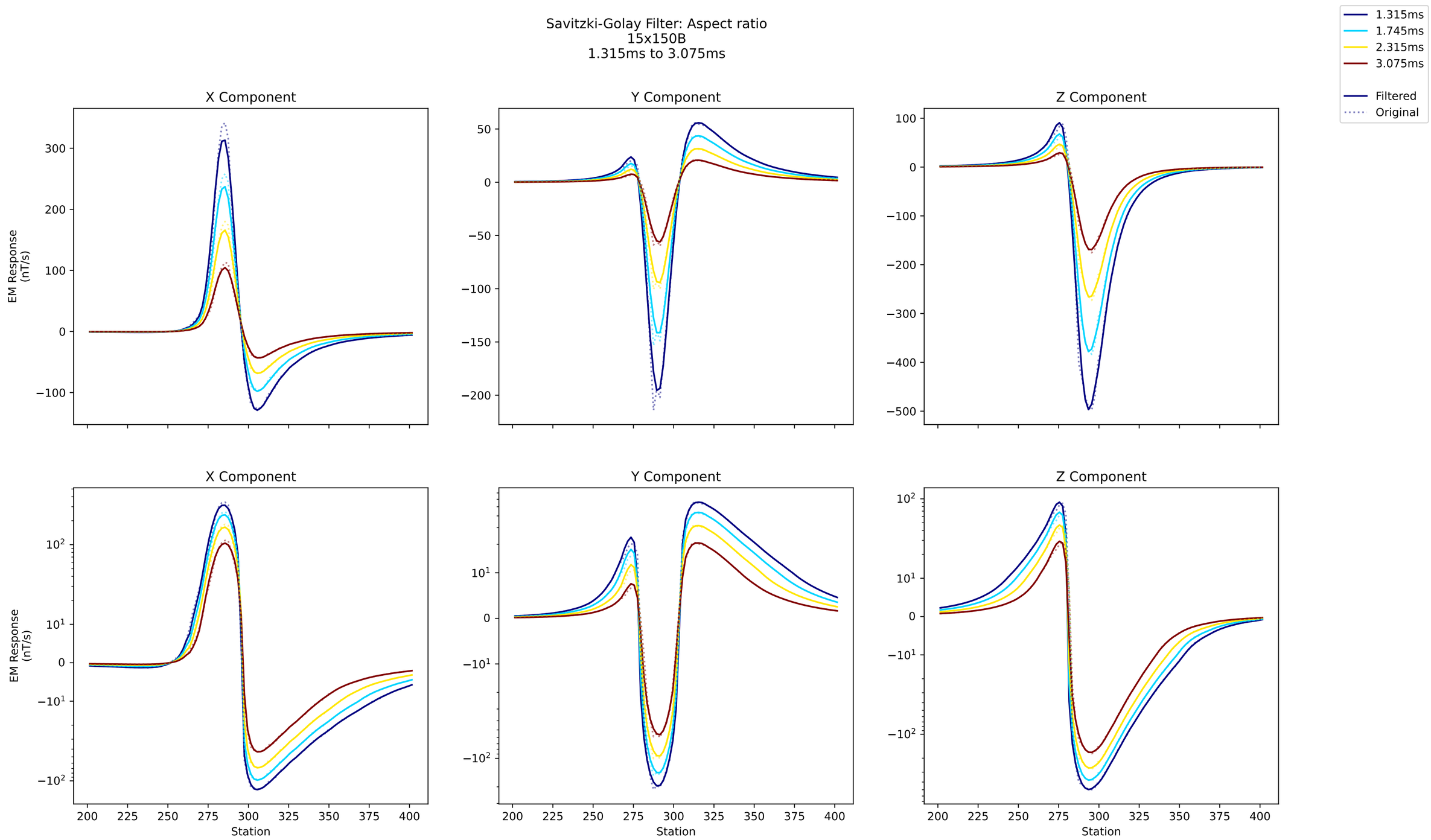

Savitzki-Golay Filter: Aspect ratio
15x150A
22.73ms to 48.115ms
22.730ms
39.395ms
48.115ms
Filtered
Original
X Component
Y Component
Z Component
1e−8
1e−9
1e−8
EM Response
(nT/s)
1.0
0.5
0.0
−0.5
−1.0
−1.5
−2.0
2
0
−2
−4
−6
0.6
0.4
0.2
0.0
−0.2
−0.4
−0.6
−0.8
−1.0
1.2e-08
-2.3e-08
3.0e-09
-6.3e-09
6.2e-09
-1.1e-08
200
225
250
275
300
325
350
375
400
Station

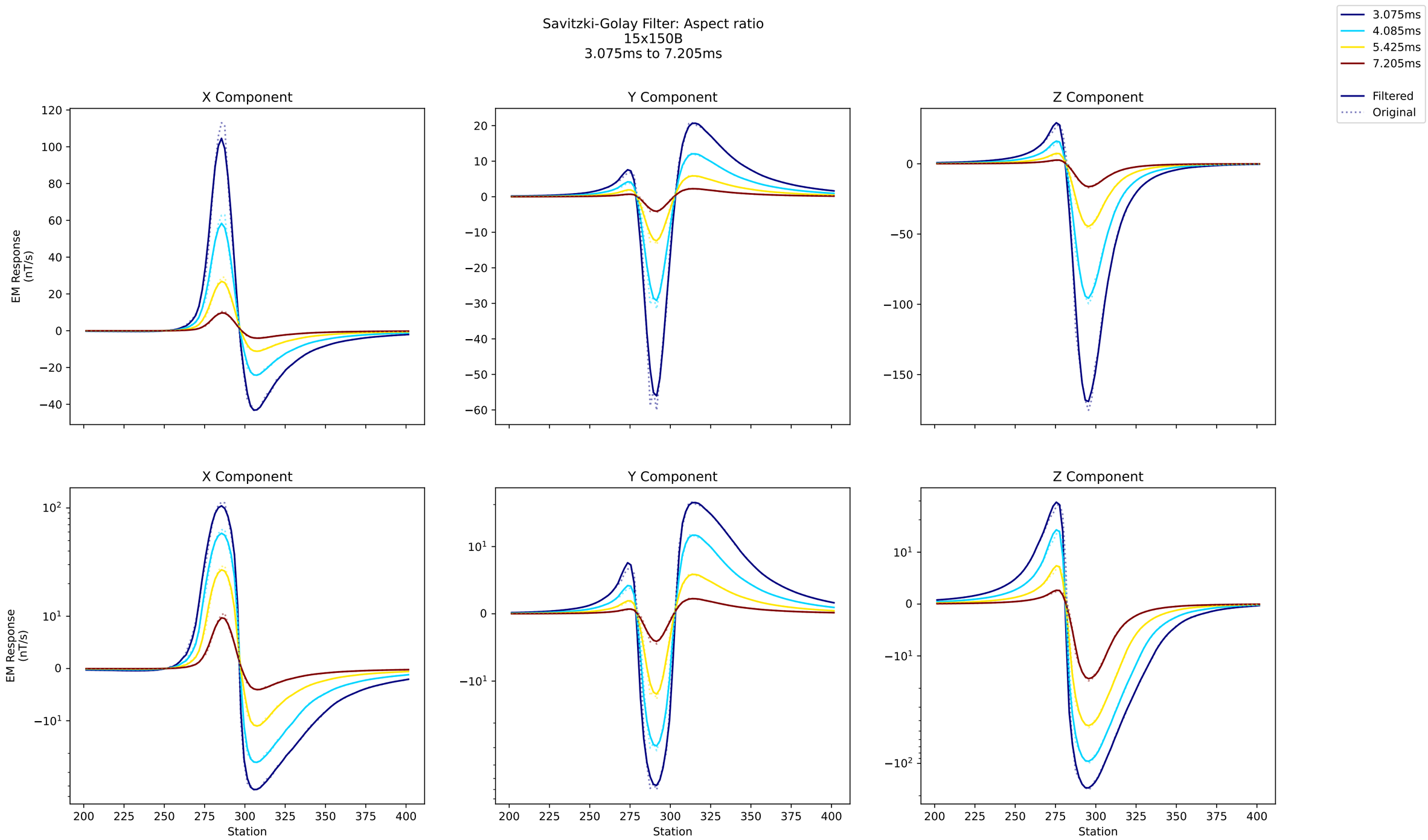

Savitzki-Golay Filter: Aspect ratio
15x150B
0.0255ms to 0.095ms
0.025ms
0.055ms
0.070ms
0.095ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

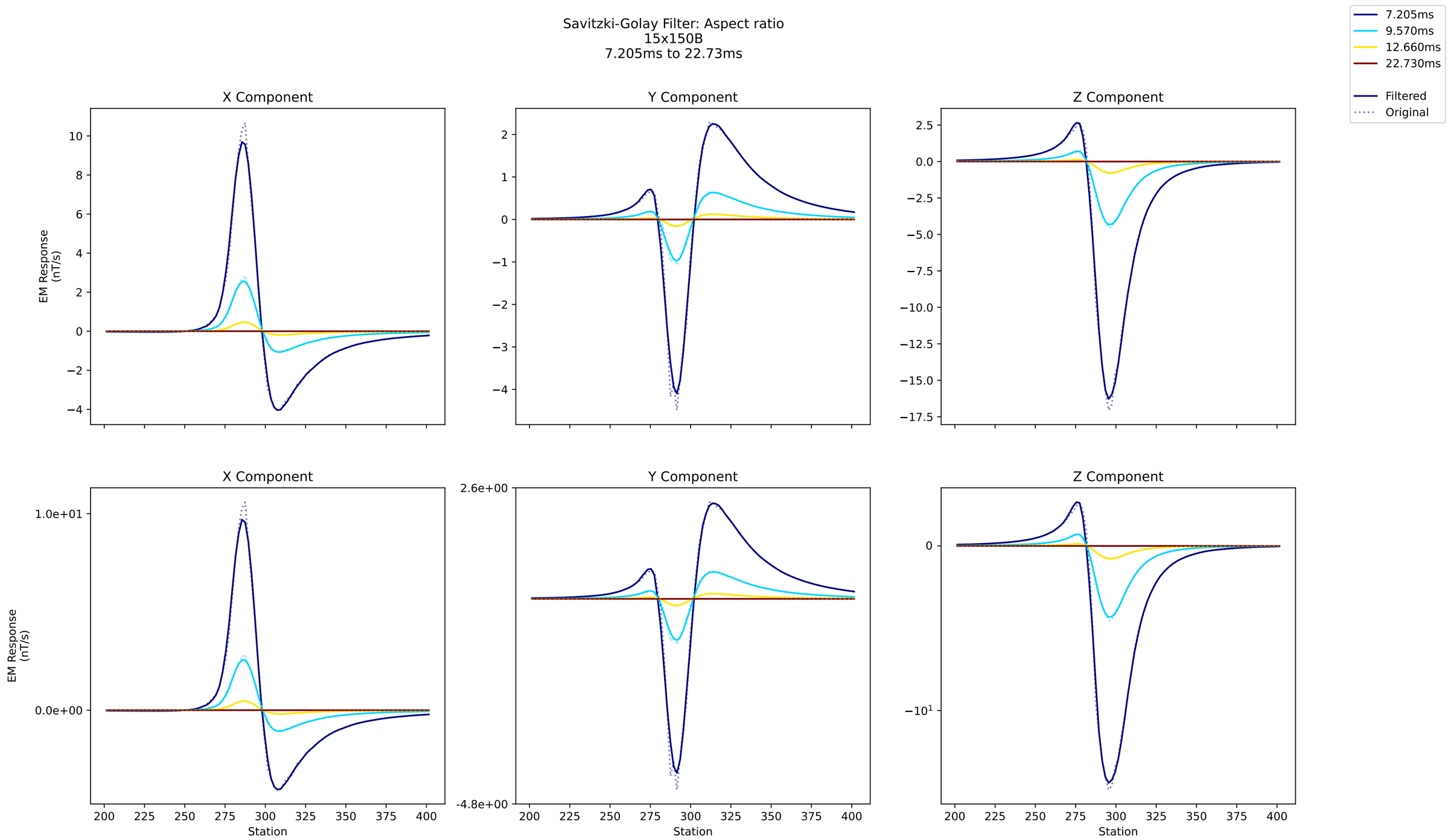

Savitzki-Golay Filter: Aspect ratio
15x150B
0.095ms to 0.235ms
0.095ms
0.130ms
0.175ms
0.235ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

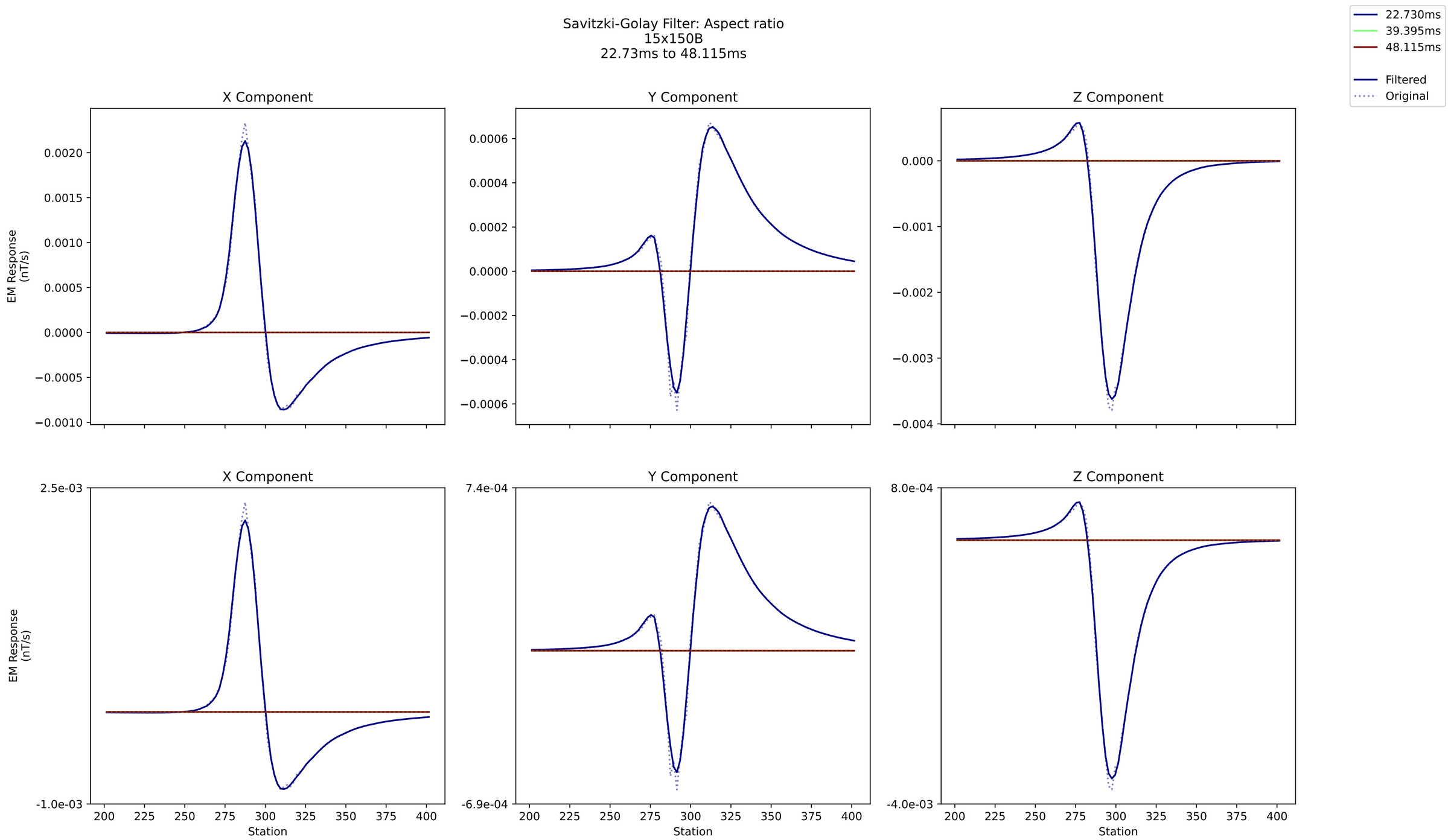

Savitzki-Golay Filter: Aspect ratio
15x150B
0.235ms to 0.56ms
0.235ms
0.315ms
0.420ms
0.560ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

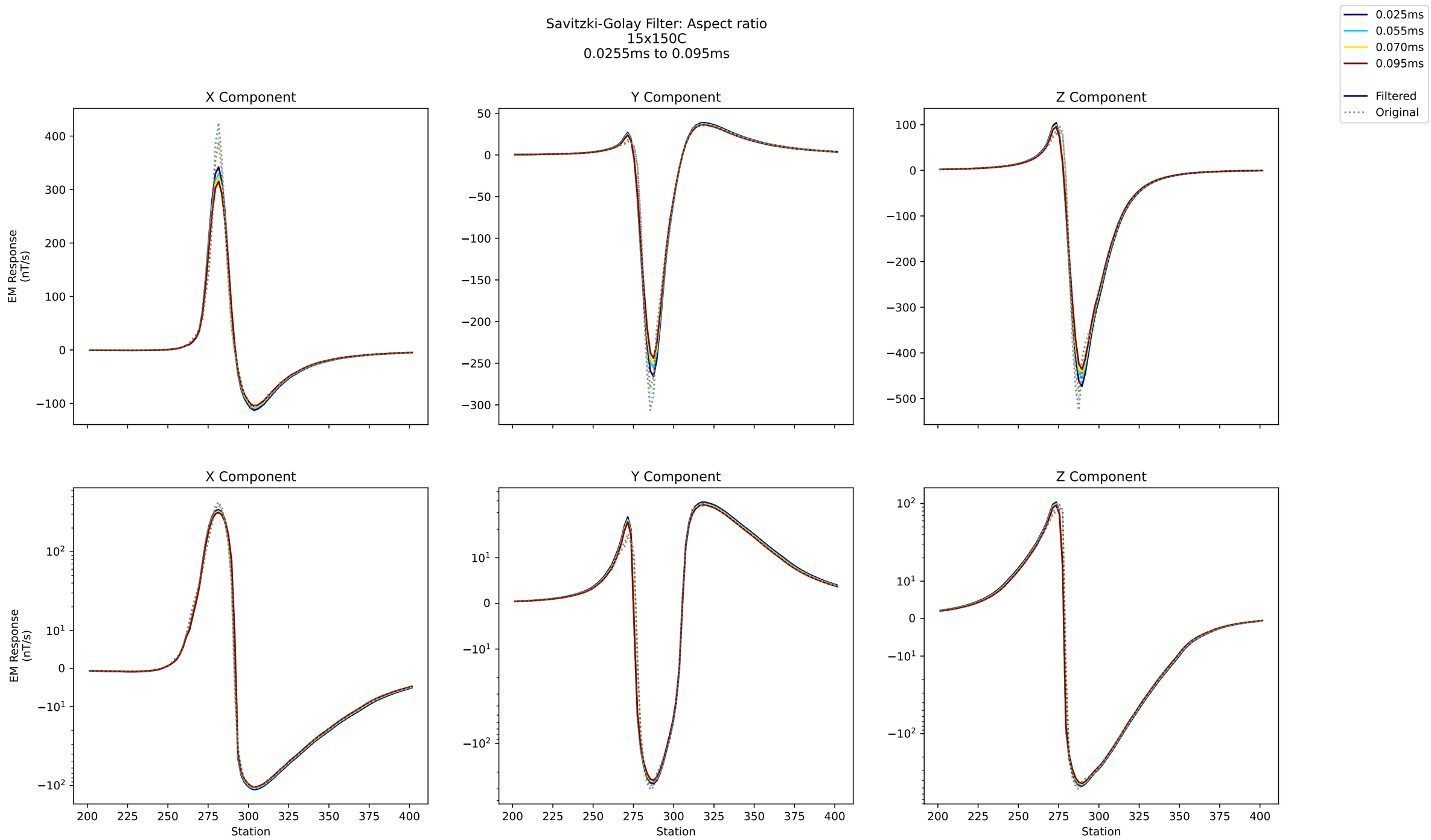

Savitzki-Golay Filter: Aspect ratio
15x150B
0.56ms to 1.315ms
0.560ms
0.745ms
0.990ms
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

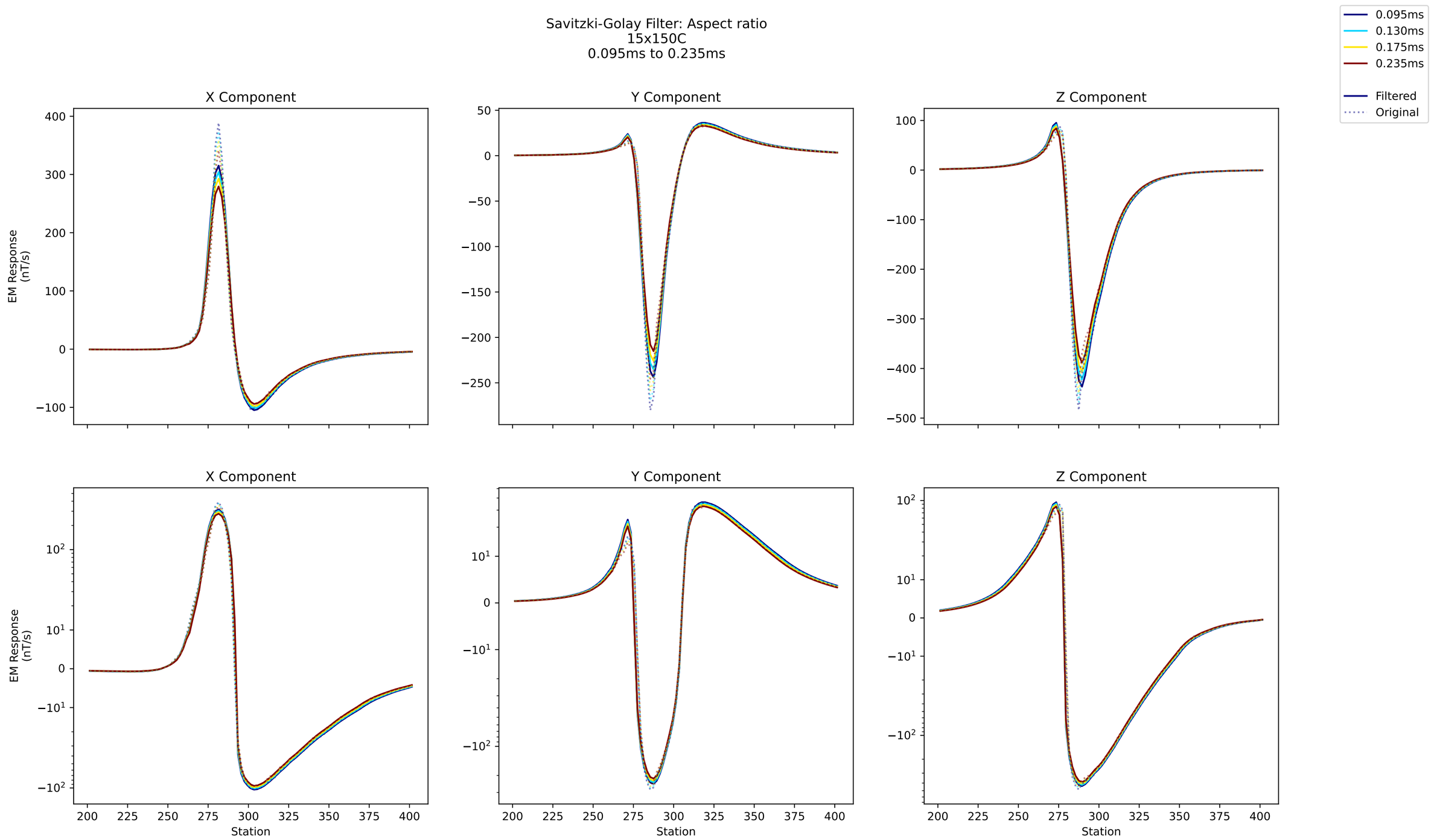

Savitzki-Golay Filter: Aspect ratio
15x150B
1.315ms to 3.075ms
1.315ms
1.745ms
2.315ms
3.075ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

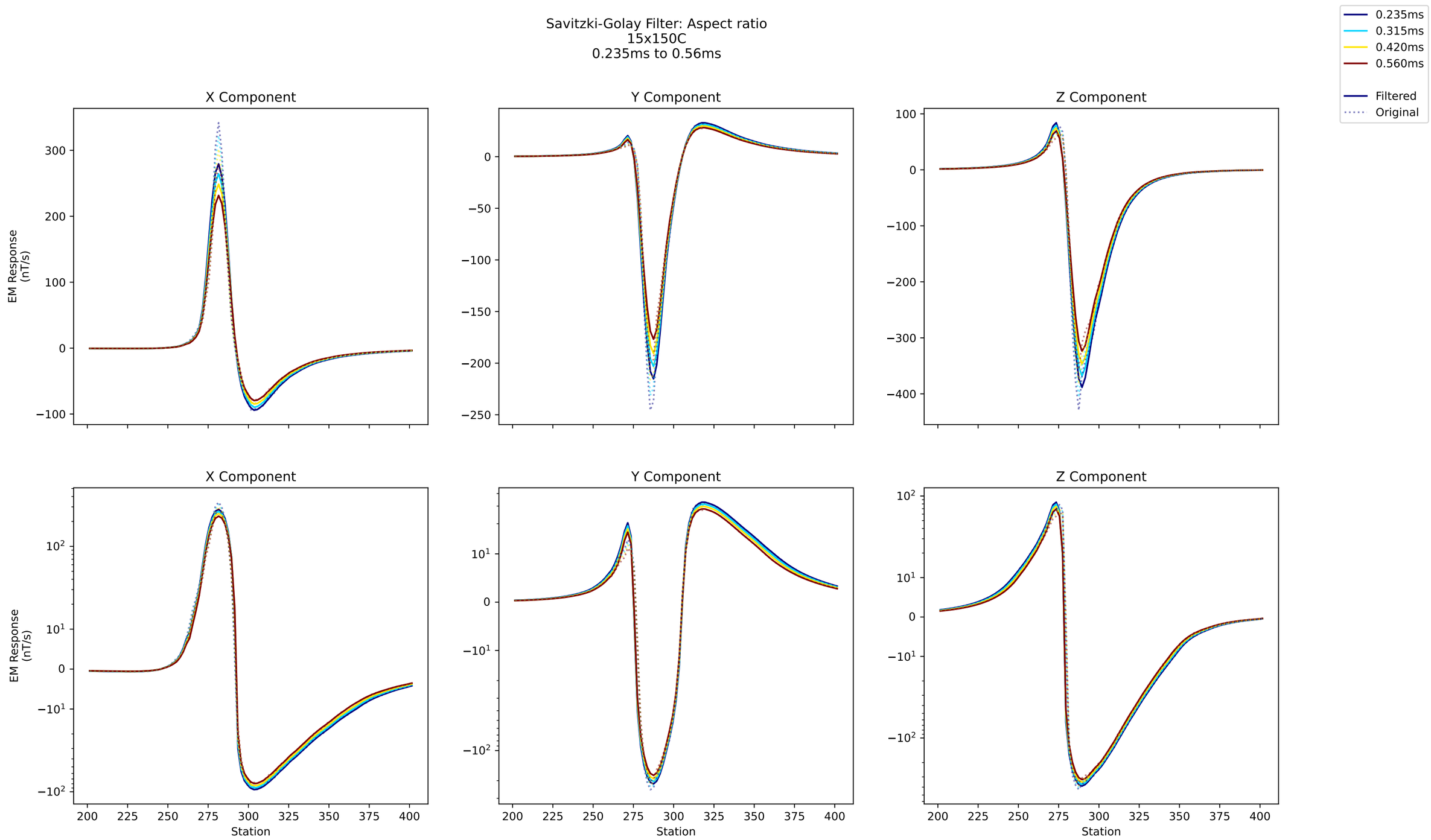

Savitzki-Golay Filter: Aspect ratio
15x150B
3.075ms to 7.205ms
3.075ms
4.085ms
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

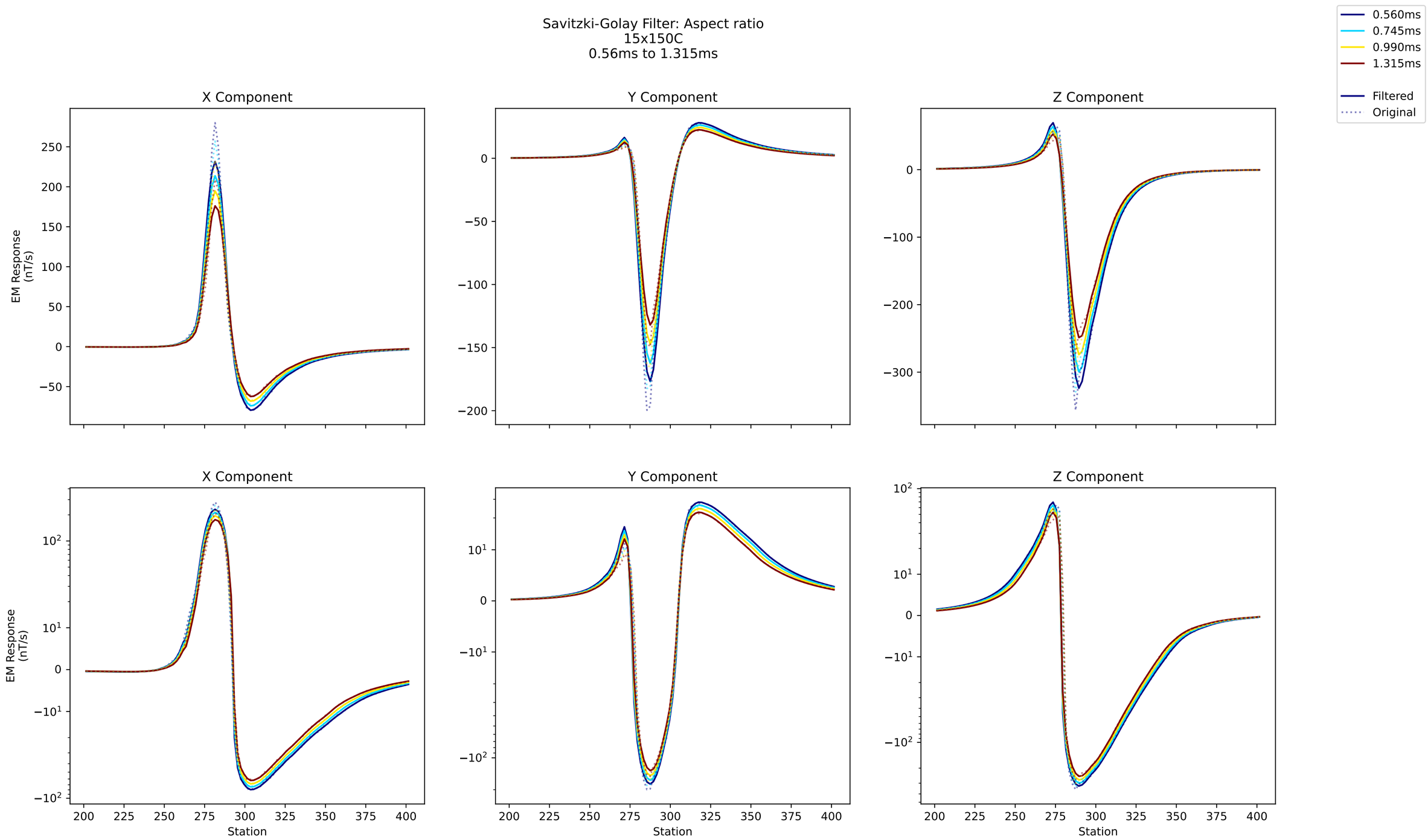

Savitzki-Golay Filter: Aspect ratio
15x150B
7.205ms to 22.73ms
7.205ms
9.570ms
12.660ms
22.730ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

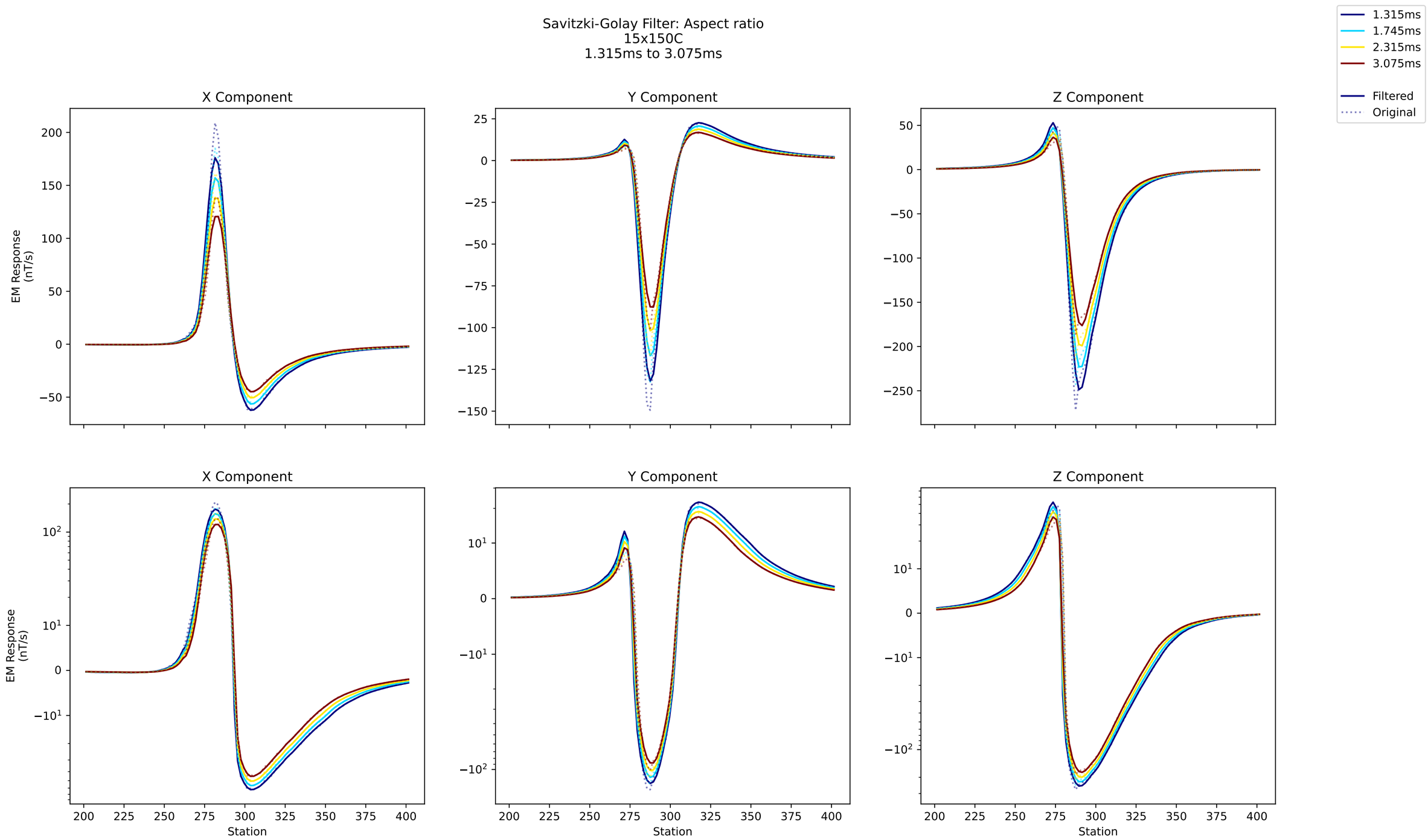

Savitzki-Golay Filter: Aspect ratio
15x150B
22.73ms to 48.115ms
22.730ms
39.395ms
48.115ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

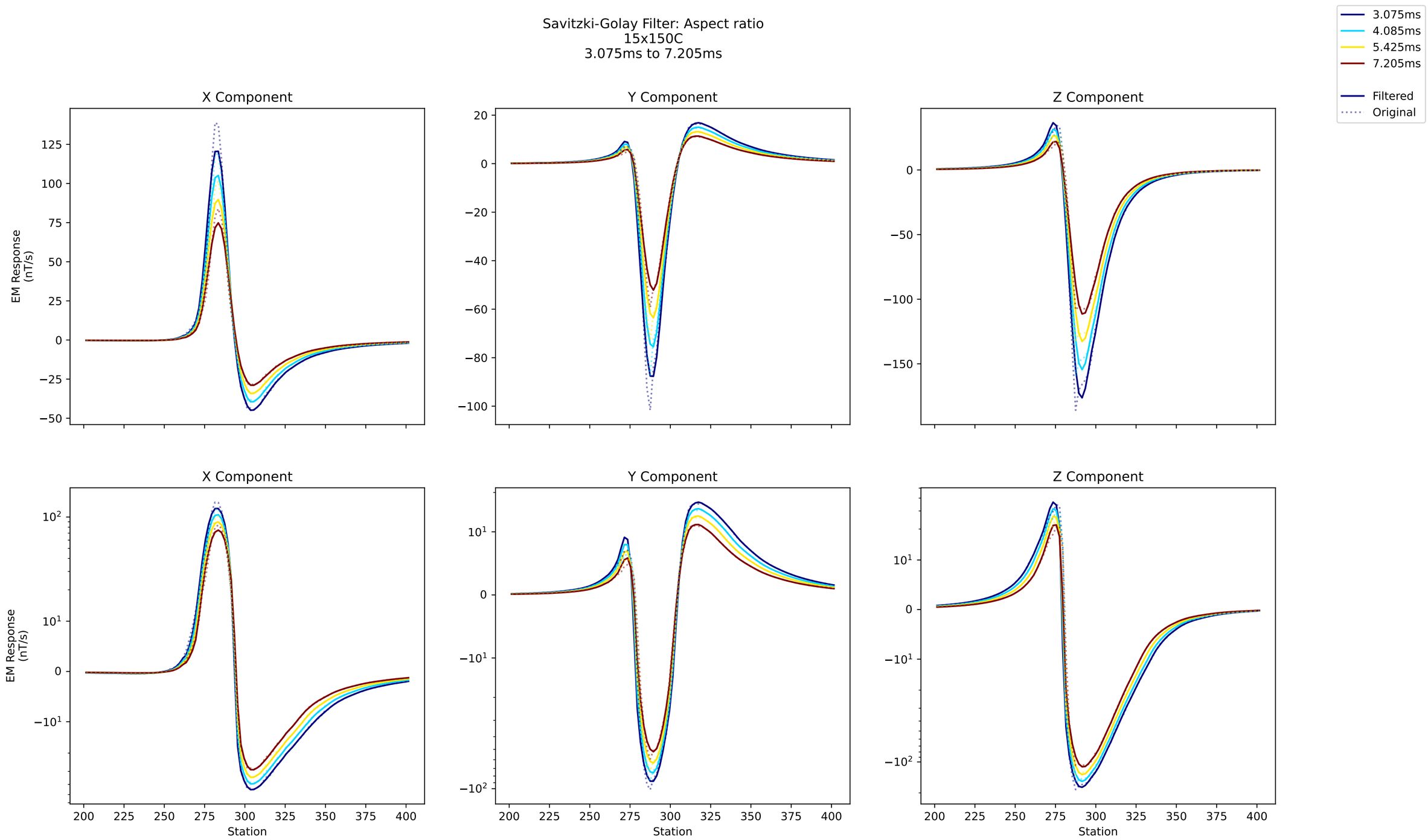

Savitzki-Golay Filter: Aspect ratio
15x150C
0.0255ms to 0.095ms
0.025ms
0.055ms
0.070ms
0.095ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

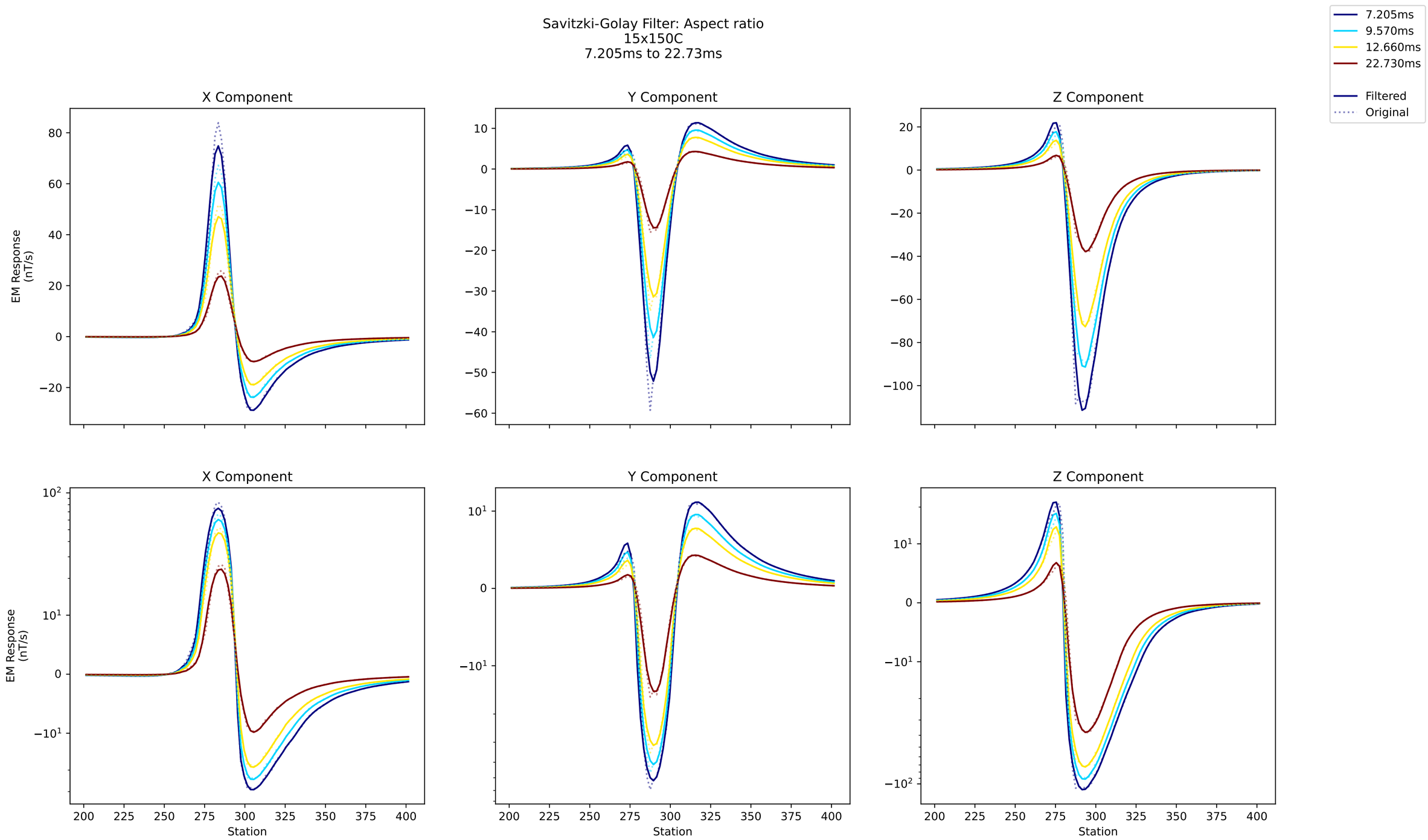

Savitzki-Golay Filter: Aspect ratio
15x150C
0.095ms to 0.235ms
0.095ms
0.130ms
0.175ms
0.235ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

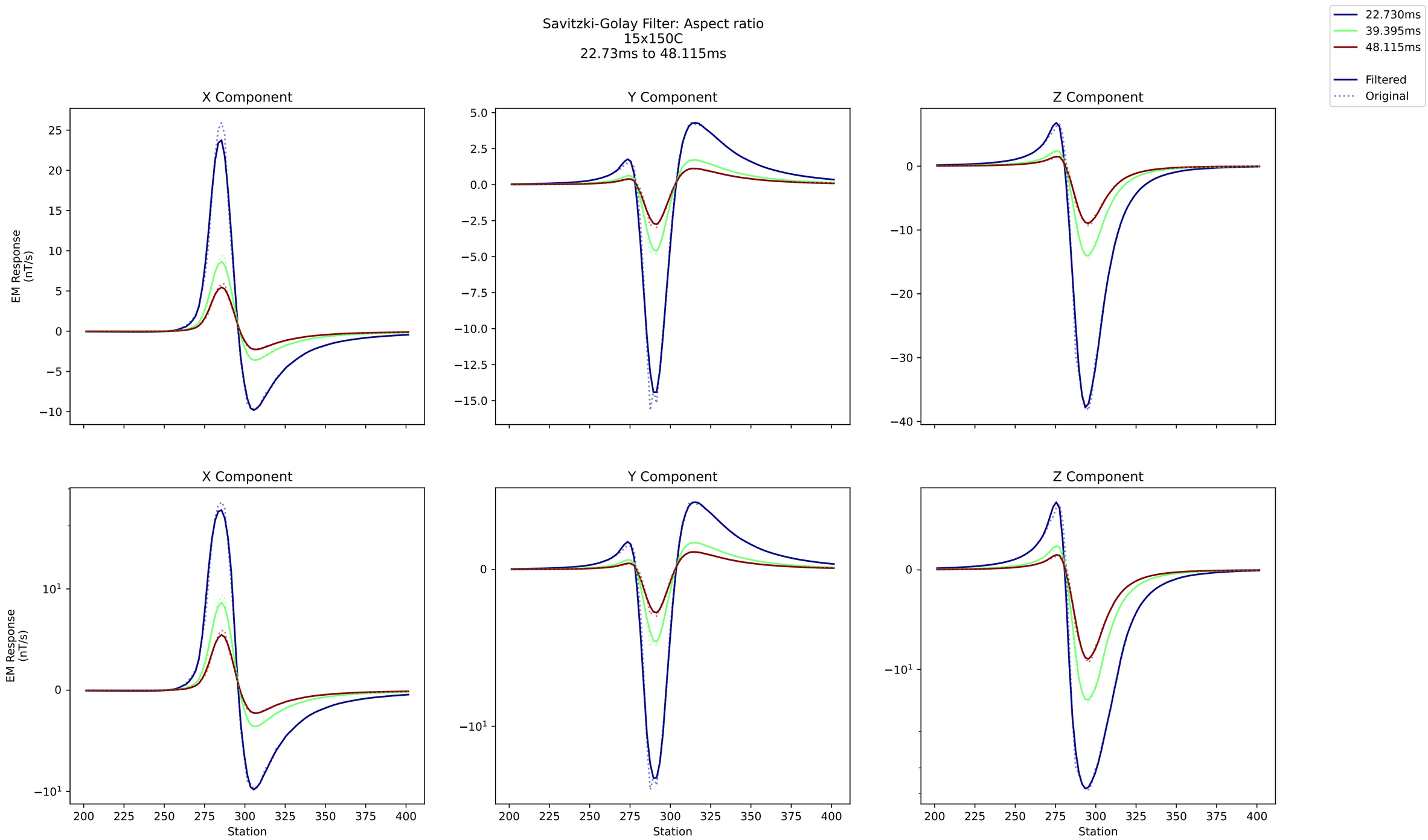

Savitzki-Golay Filter: Aspect ratio
15x150C
0.235ms to 0.56ms
0.235ms
0.315ms
0.420ms
0.560ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

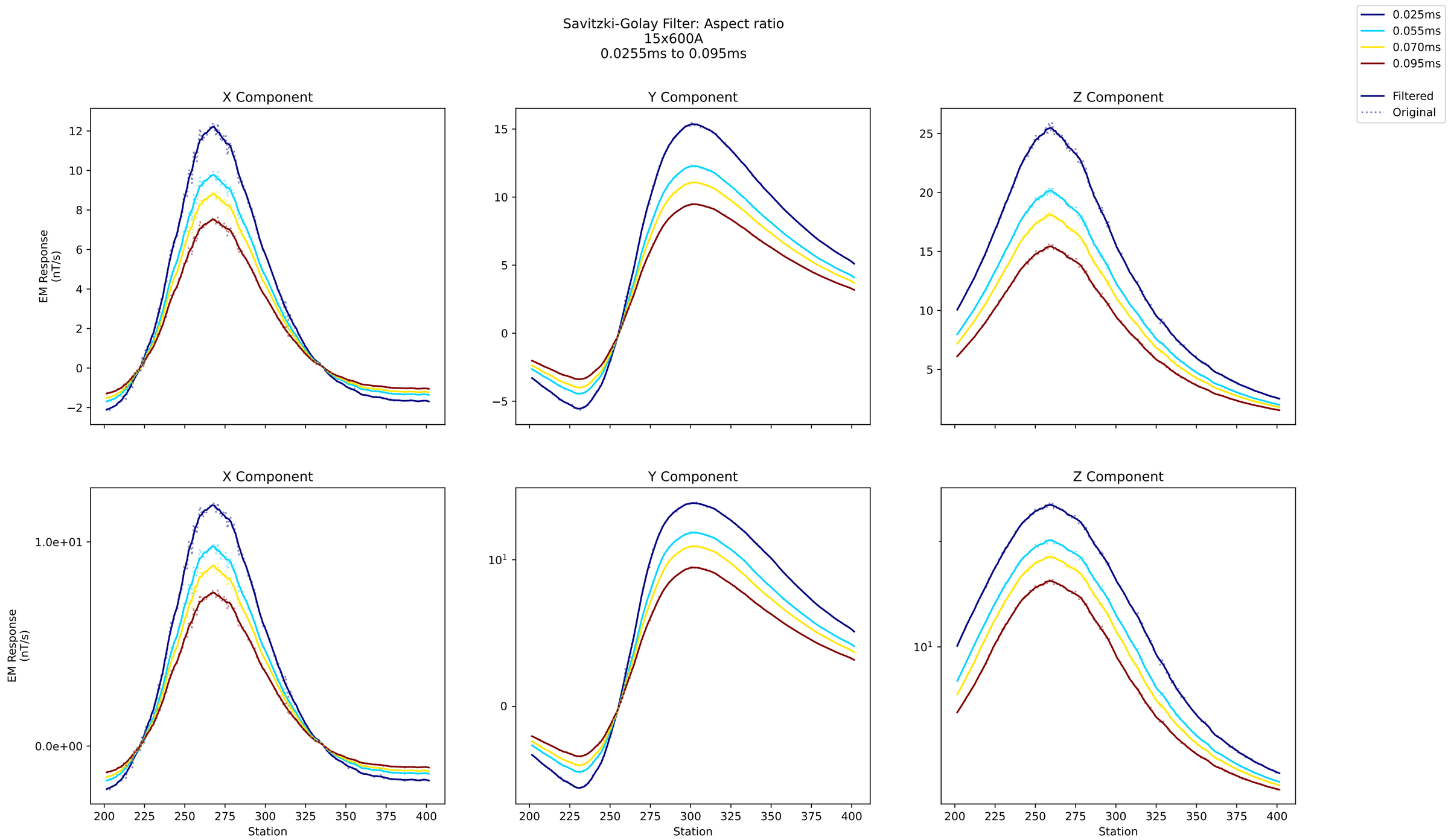

Savitzki-Golay Filter: Aspect ratio
15x150C
0.56ms to 1.315ms
0.560ms
0.745ms
0.990ms
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

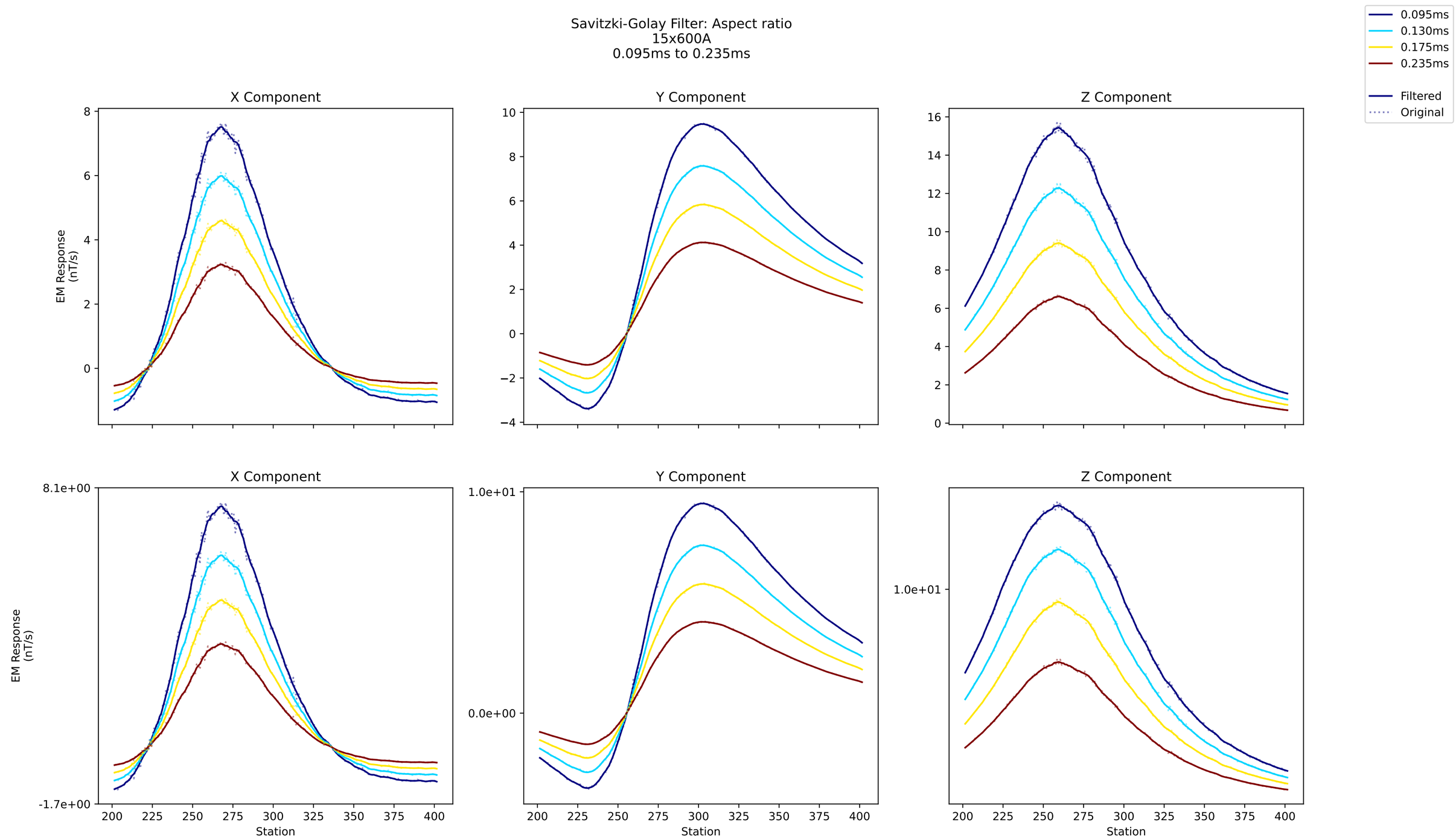

Savitzki-Golay Filter: Aspect ratio
15x150C
1.315ms to 3.075ms
1.315ms
1.745ms
2.315ms
3.075ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

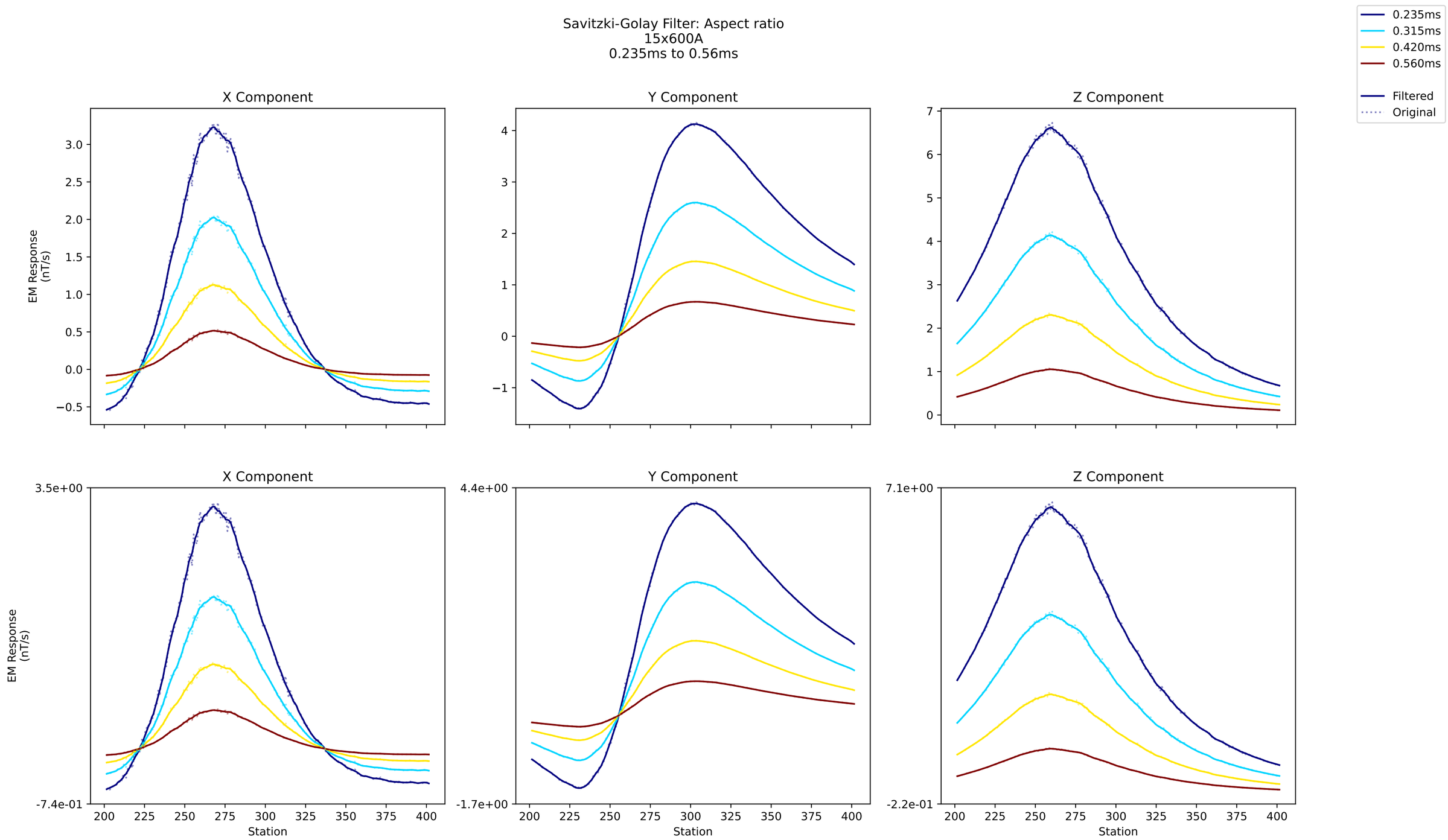

Savitzki-Golay Filter: Aspect ratio
15x150C
3.075ms to 7.205ms
3.075ms
4.085ms
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
EM Response (nT/s)
Station

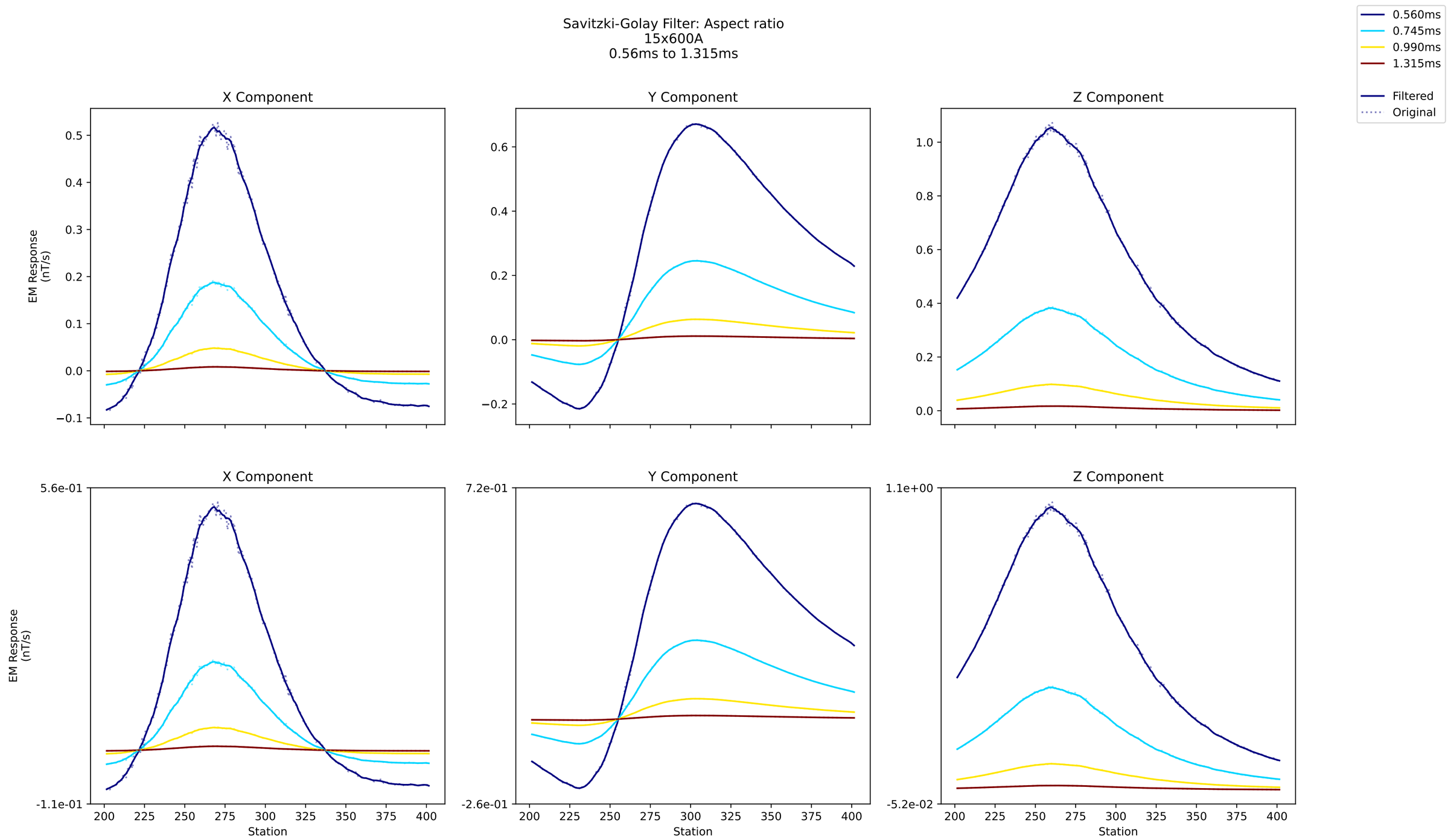

Savitzki-Golay Filter: Aspect ratio
15x150C
7.205ms to 22.73ms
7.205ms
9.570ms
12.660ms
22.730ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

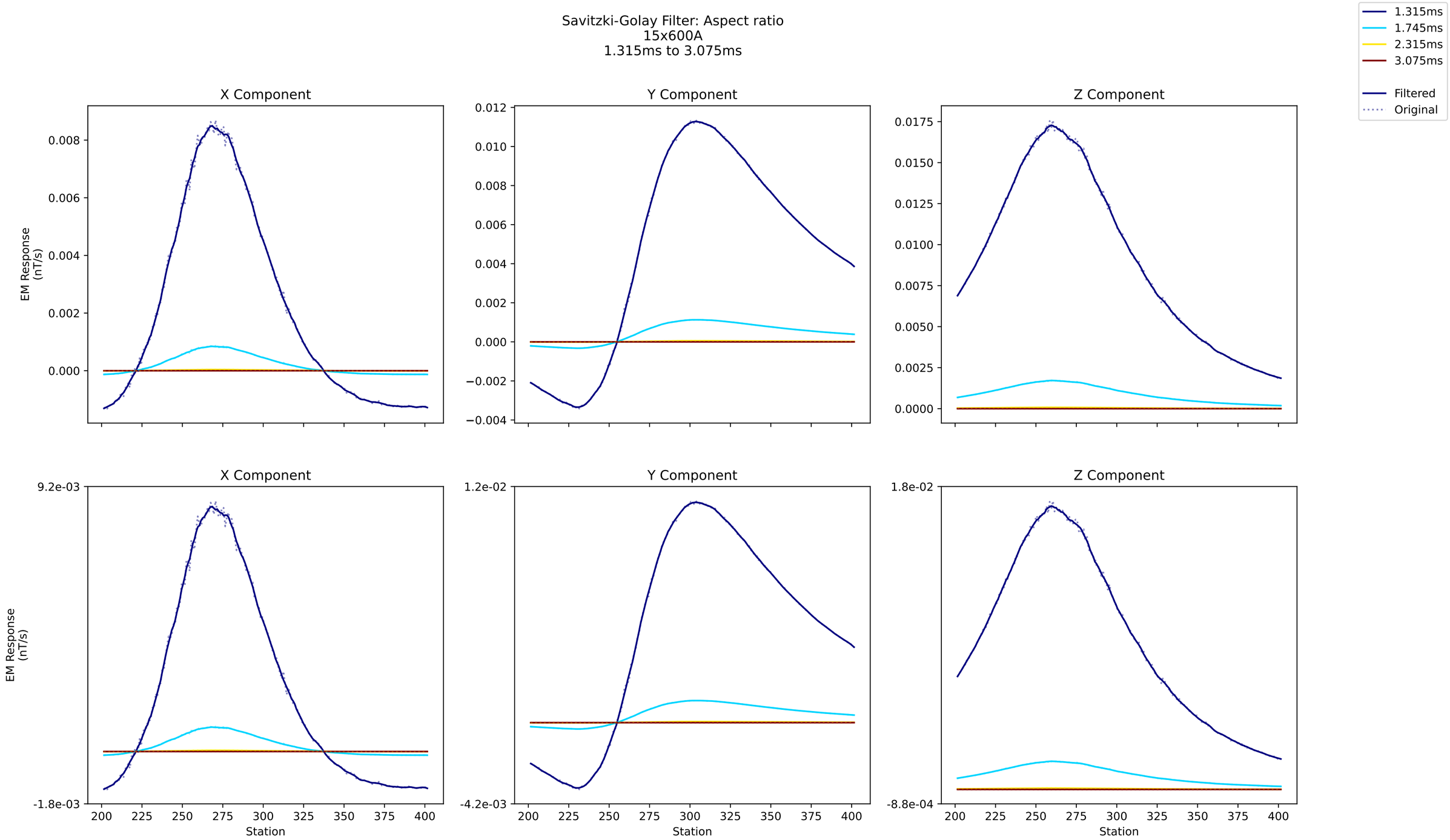

Savitzki-Golay Filter: Aspect ratio
15x150C
22.73ms to 48.115ms
22.730ms
39.395ms
48.115ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

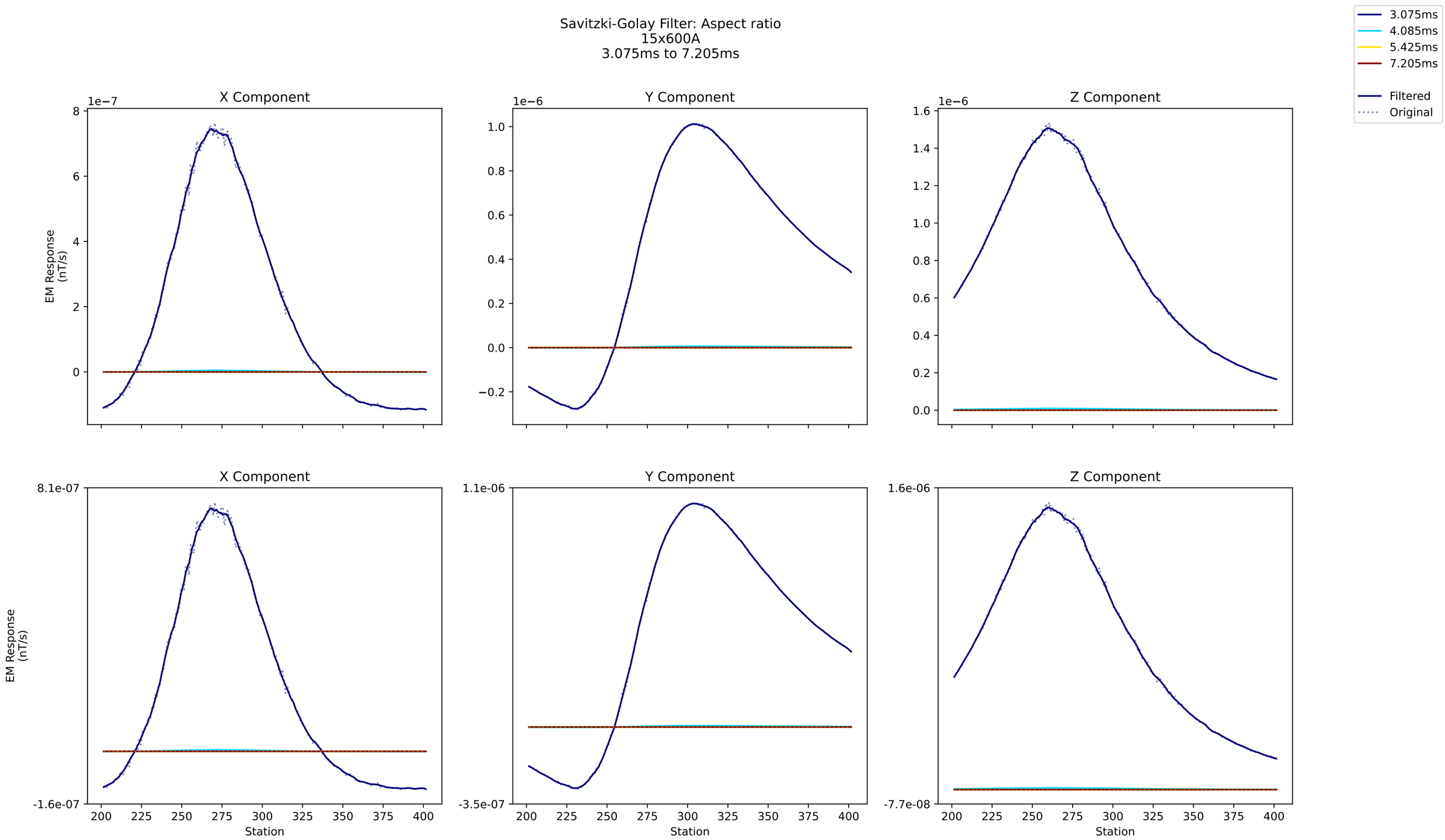

Savitzki-Golay Filter: Aspect ratio
15x600A
0.0255ms to 0.095ms
0.025ms
0.055ms
0.070ms
0.095ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station
1.0e+01
0.0e+00
10^1

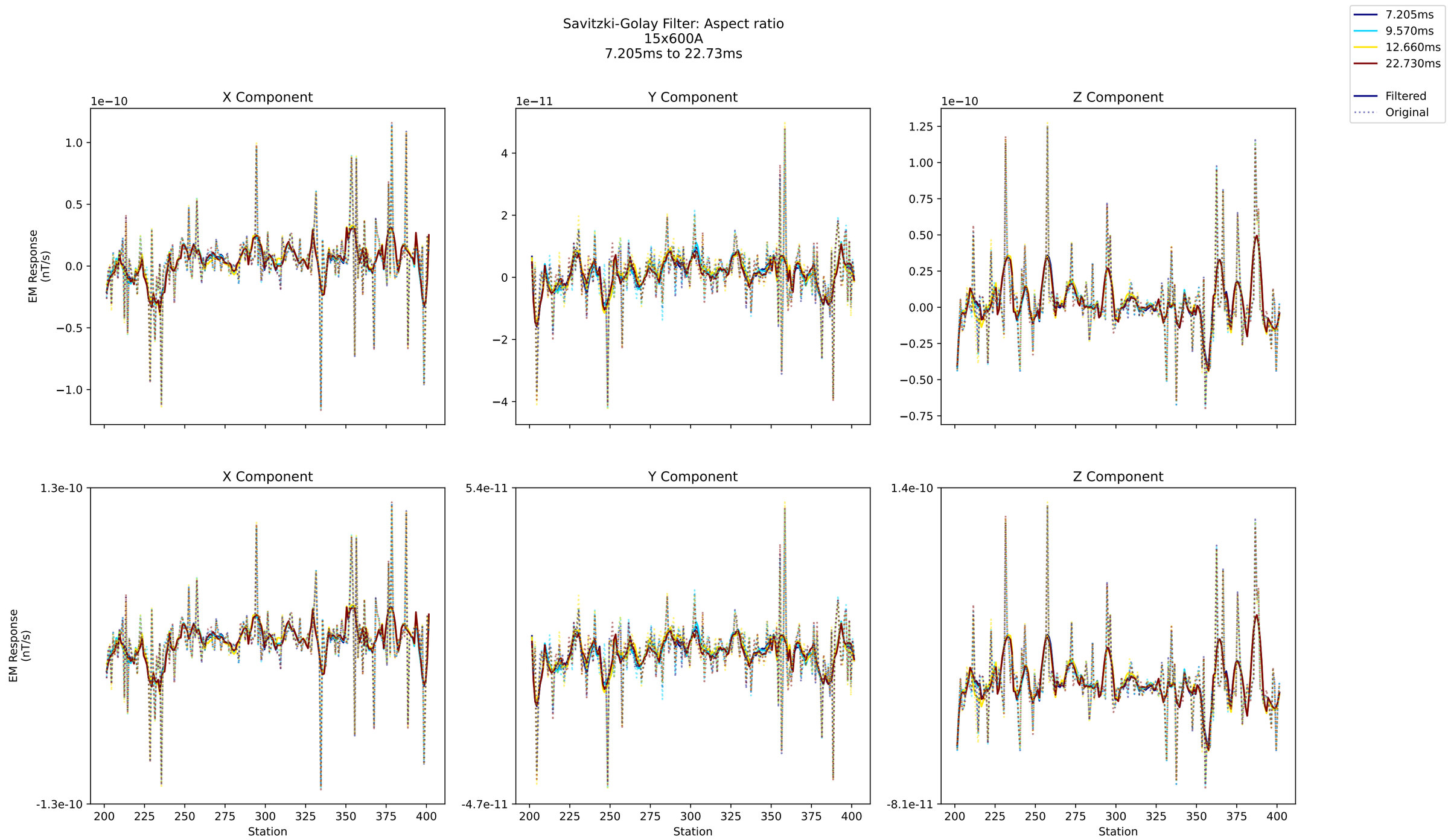

Savitzki-Golay Filter: Aspect ratio
15x600A
0.095ms to 0.235ms
0.095ms
0.130ms
0.175ms
0.235ms
Filtered
Original
X Component
Y Component
Z Component
EM Response (nT/s)
8.1e+00
-1.7e+00
1.0e+01
0.0e+00
Station

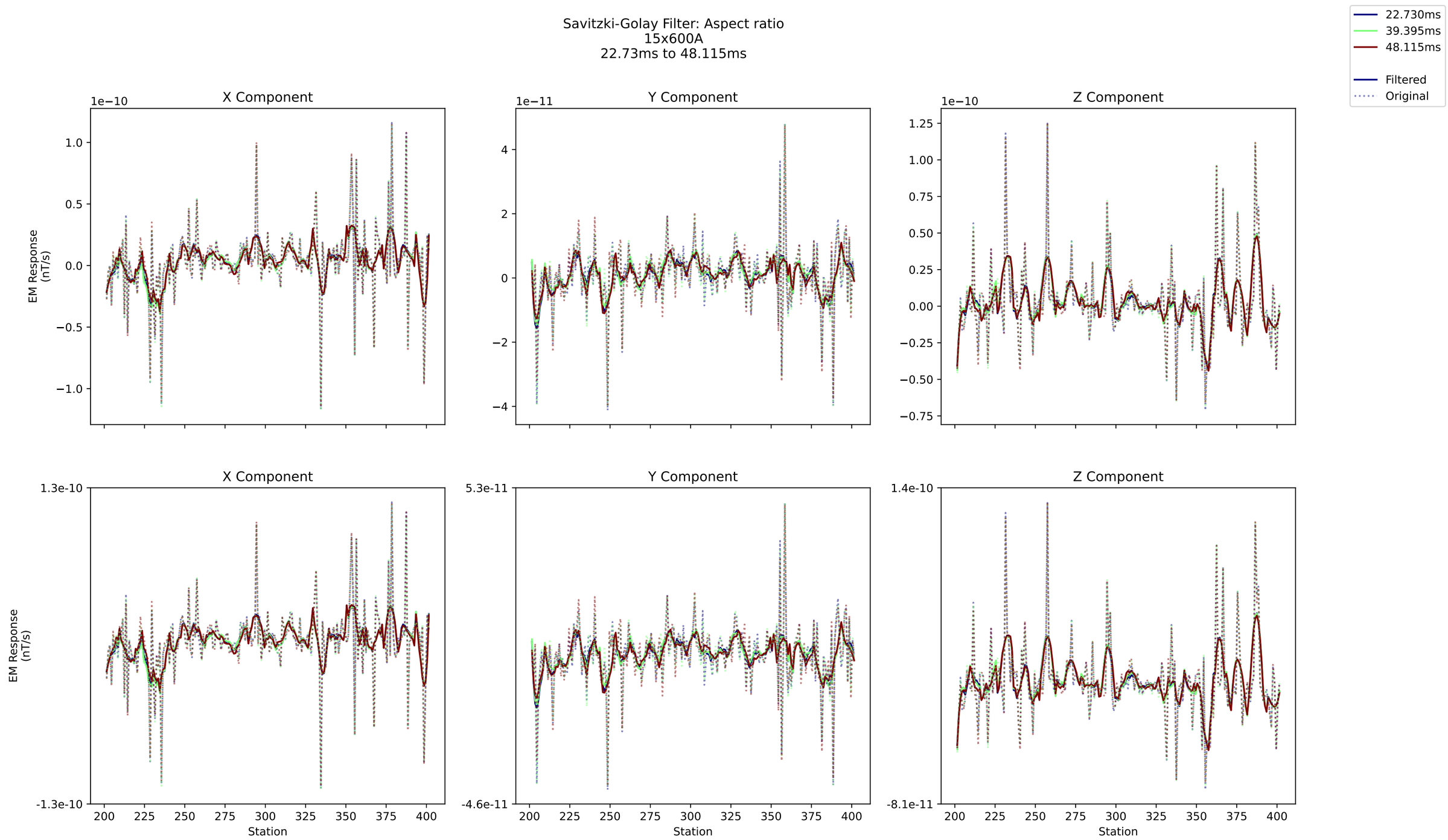

Savitzki-Golay Filter: Aspect ratio
15x600A
0.235ms to 0.56ms
0.235ms
0.315ms
0.420ms
0.560ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
3.5e+00
-7.4e-01
4.4e+00
-1.7e+00
7.1e+00
-2.2e-01
200 225 250 275 300 325 350 375 400
Station

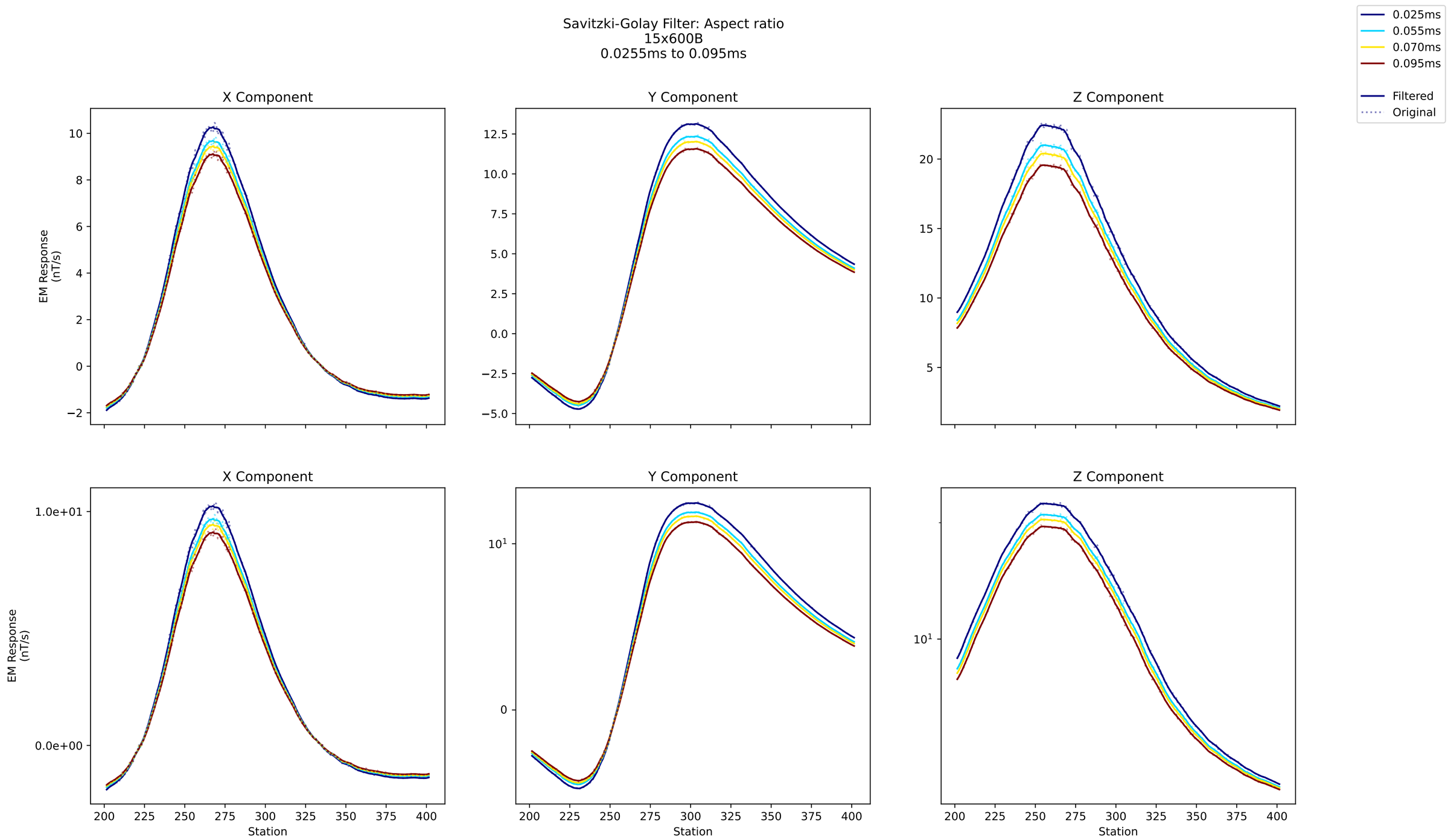

Savitzki-Golay Filter: Aspect ratio
15x600A
0.56ms to 1.315ms
0.560ms
0.745ms
0.990ms
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station
5.6e-01
-1.1e-01
7.2e-01
-2.6e-01
1.1e+00
-5.2e-02

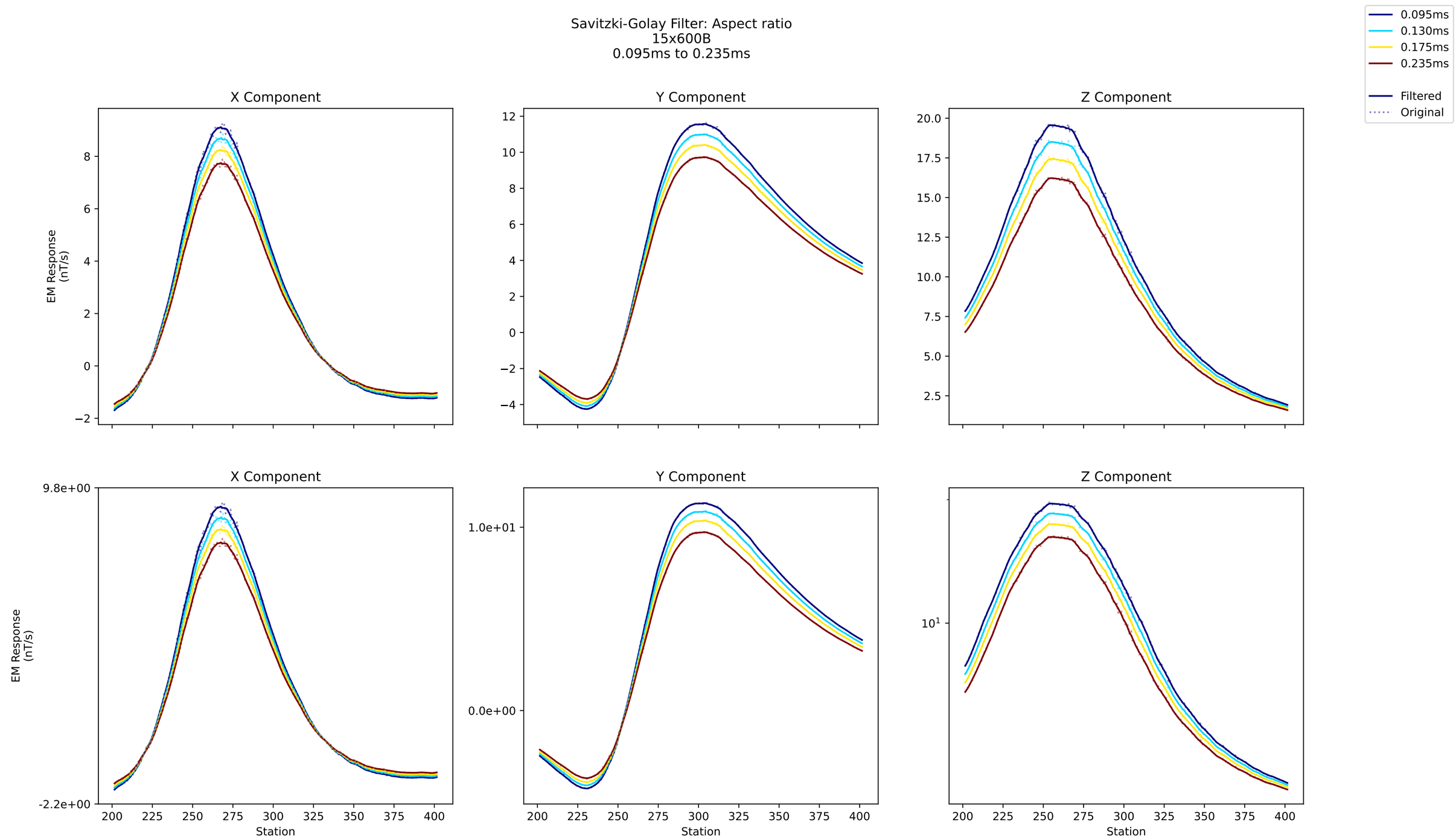

Savitzki-Golay Filter: Aspect ratio
15x600A
1.315ms to 3.075ms
1.315ms
1.745ms
2.315ms
3.075ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

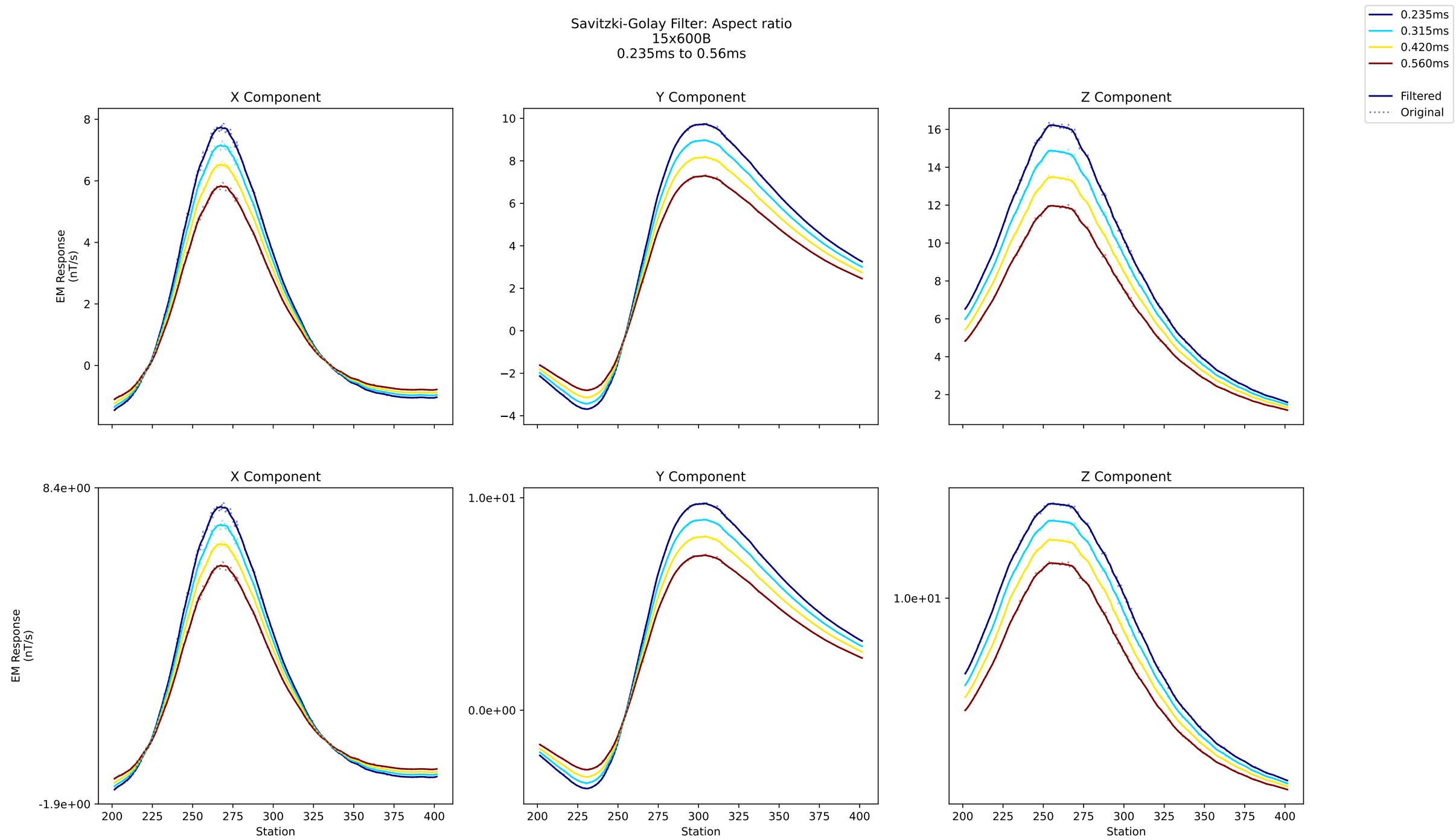

Savitzki-Golay Filter: Aspect ratio
15x600A
3.075ms to 7.205ms
3.075ms
4.085ms
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
1e−7
1e−6
1e−6
EM Response
(nT/s)
8.1e-07
-1.6e-07
1.1e-06
-3.5e-07
1.6e-06
-7.7e-08
200 225 250 275 300 325 350 375 400
Station

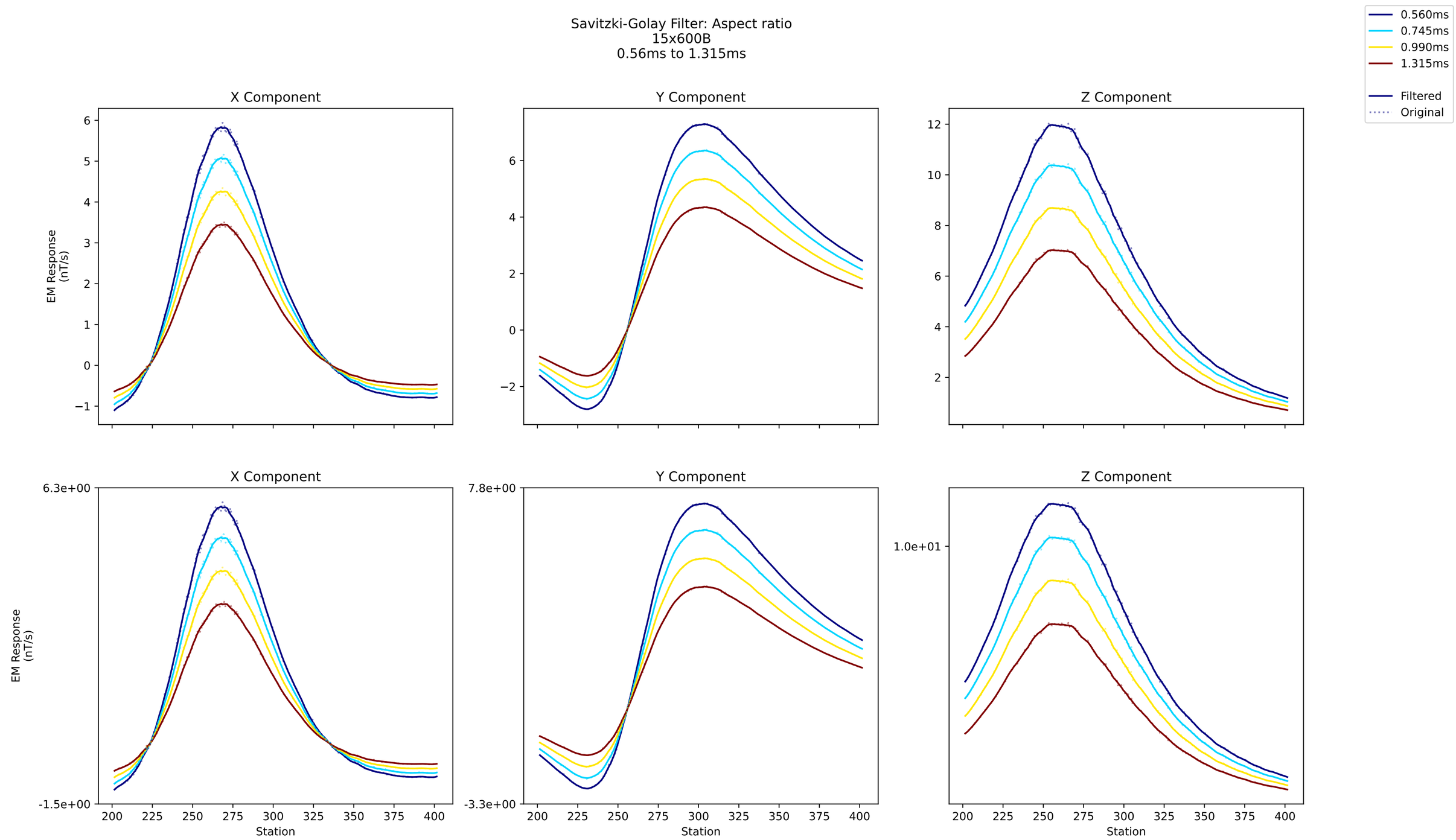

Savitzki-Golay Filter: Aspect ratio
15x600A
7.205ms to 22.73ms
7.205ms
9.570ms
12.660ms
22.730ms
Filtered
Original
X Component
Y Component
Z Component
1e−10
1e−11
1e−10
1.3e-10
5.4e-11
1.4e-10
-1.3e-10
-4.7e-11
-8.1e-11
EM Response
(nT/s)
Station
200
225
250
275
300
325
350
375
400

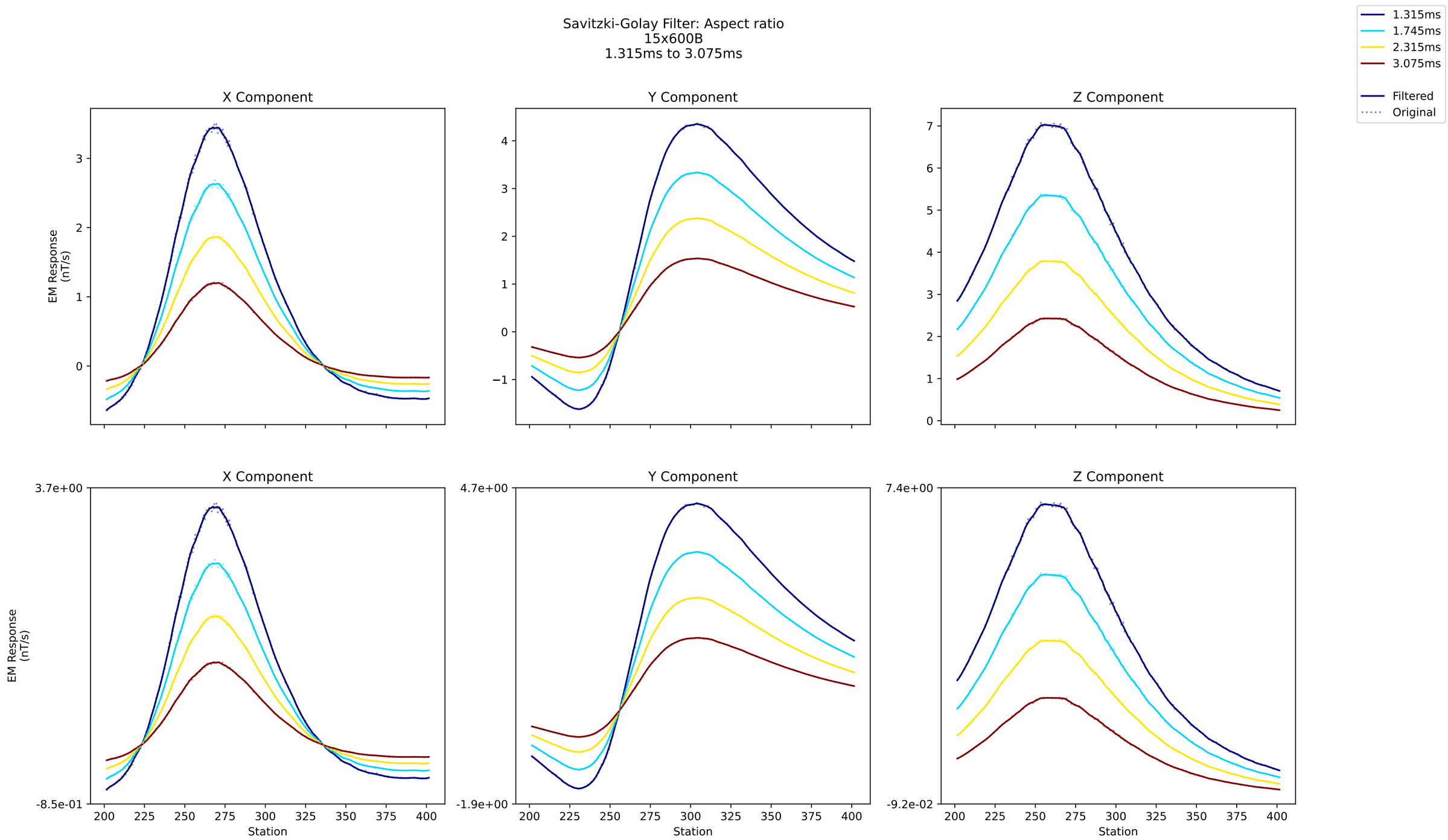

Savitzki-Golay Filter: Aspect ratio
15x600A
22.73ms to 48.115ms
22.730ms
39.395ms
48.115ms
Filtered
Original
X Component
Y Component
Z Component
1e−10
1e−11
1e−10
EM Response
(nT/s)
1.0
0.5
0.0
−0.5
−1.0
4
2
0
−2
−4
1.25
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
1.3e-10
-1.3e-10
5.3e-11
-4.6e-11
1.4e-10
-8.1e-11
200
225
250
275
300
325
350
375
400
Station

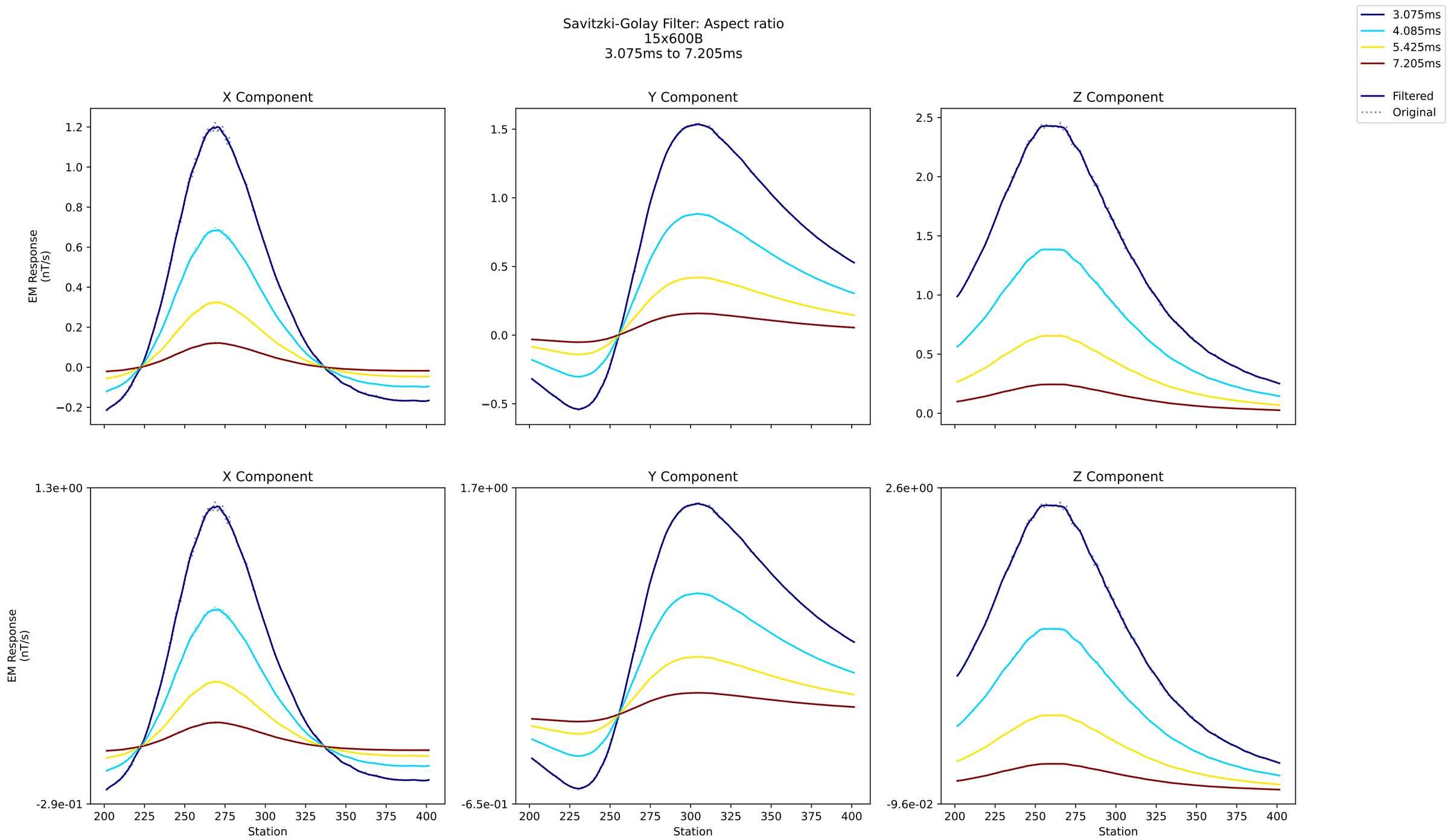

Savitzki-Golay Filter: Aspect ratio
15x600B
0.0255ms to 0.095ms
0.025ms
0.055ms
0.070ms
0.095ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

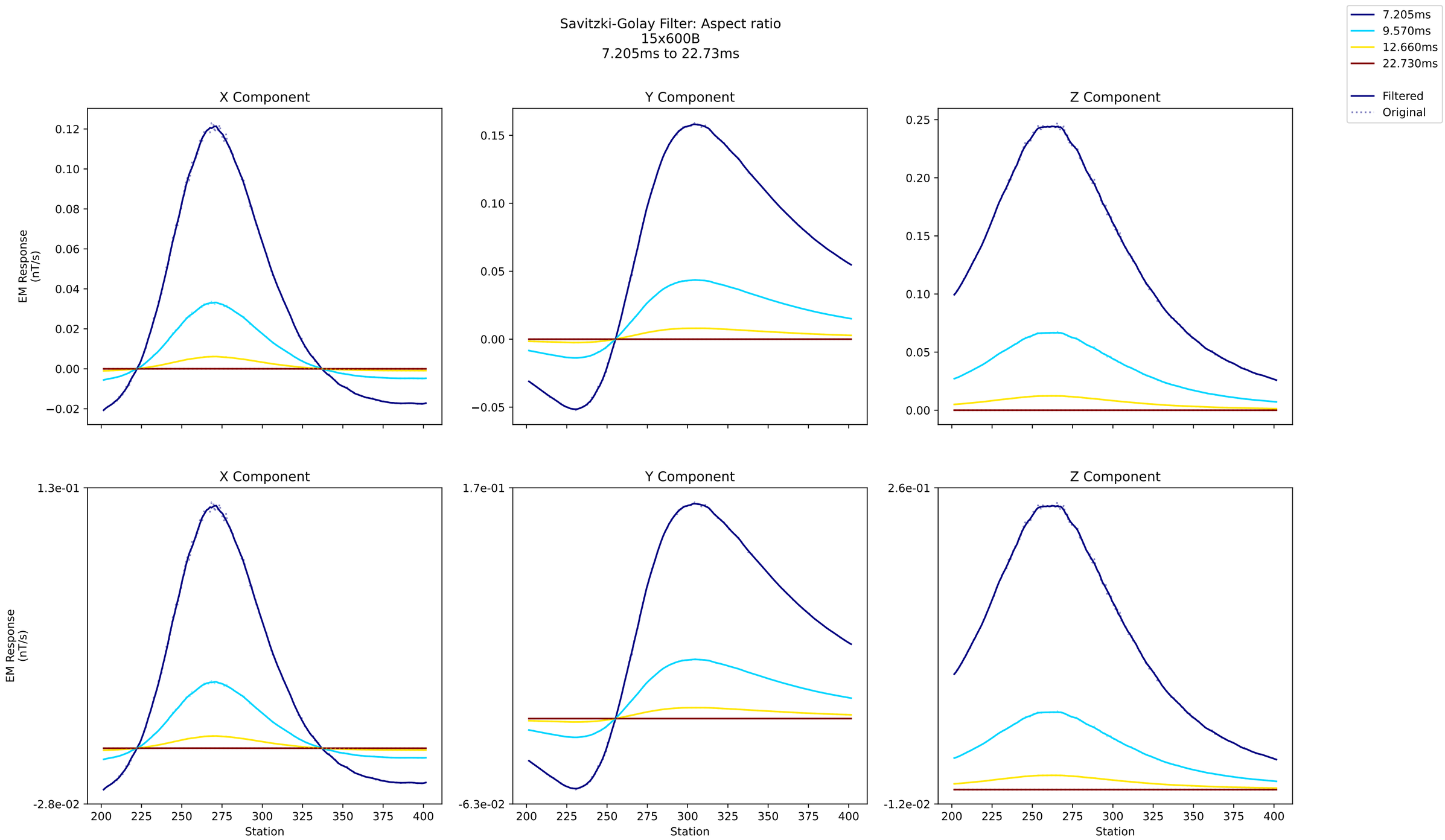

Savitzki-Golay Filter: Aspect ratio
15x600B
0.095ms to 0.235ms
0.095ms
0.130ms
0.175ms
0.235ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station
9.8e+00
-2.2e+00
1.0e+01
0.0e+00
10^1

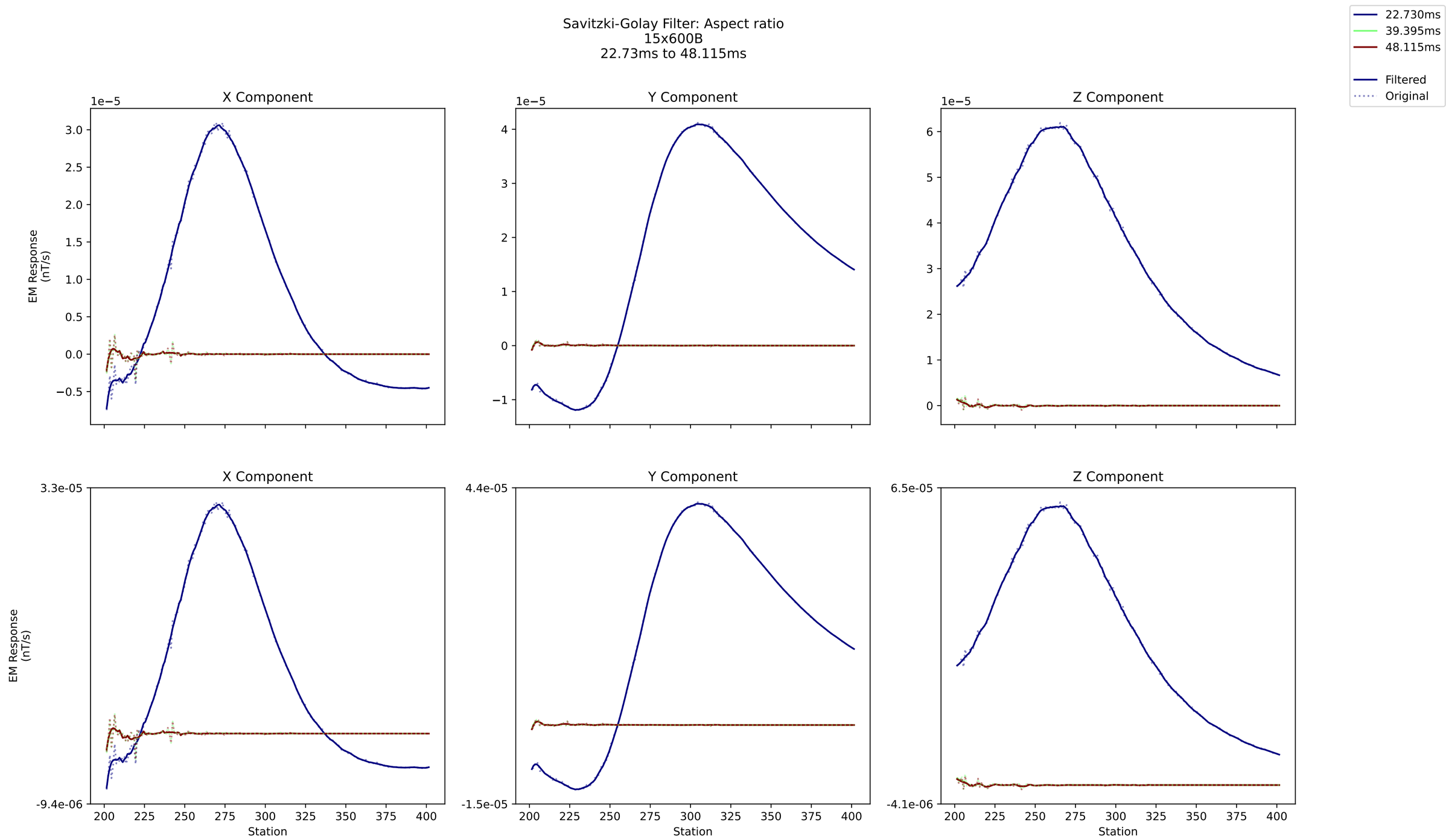

Savitzki-Golay Filter: Aspect ratio
15x600B
0.235ms to 0.56ms
0.235ms
0.315ms
0.420ms
0.560ms
Filtered
Original
X Component
Y Component
Z Component
EM Response (nT/s)
8.4e+00
-1.9e+00
1.0e+01
0.0e+00
Station

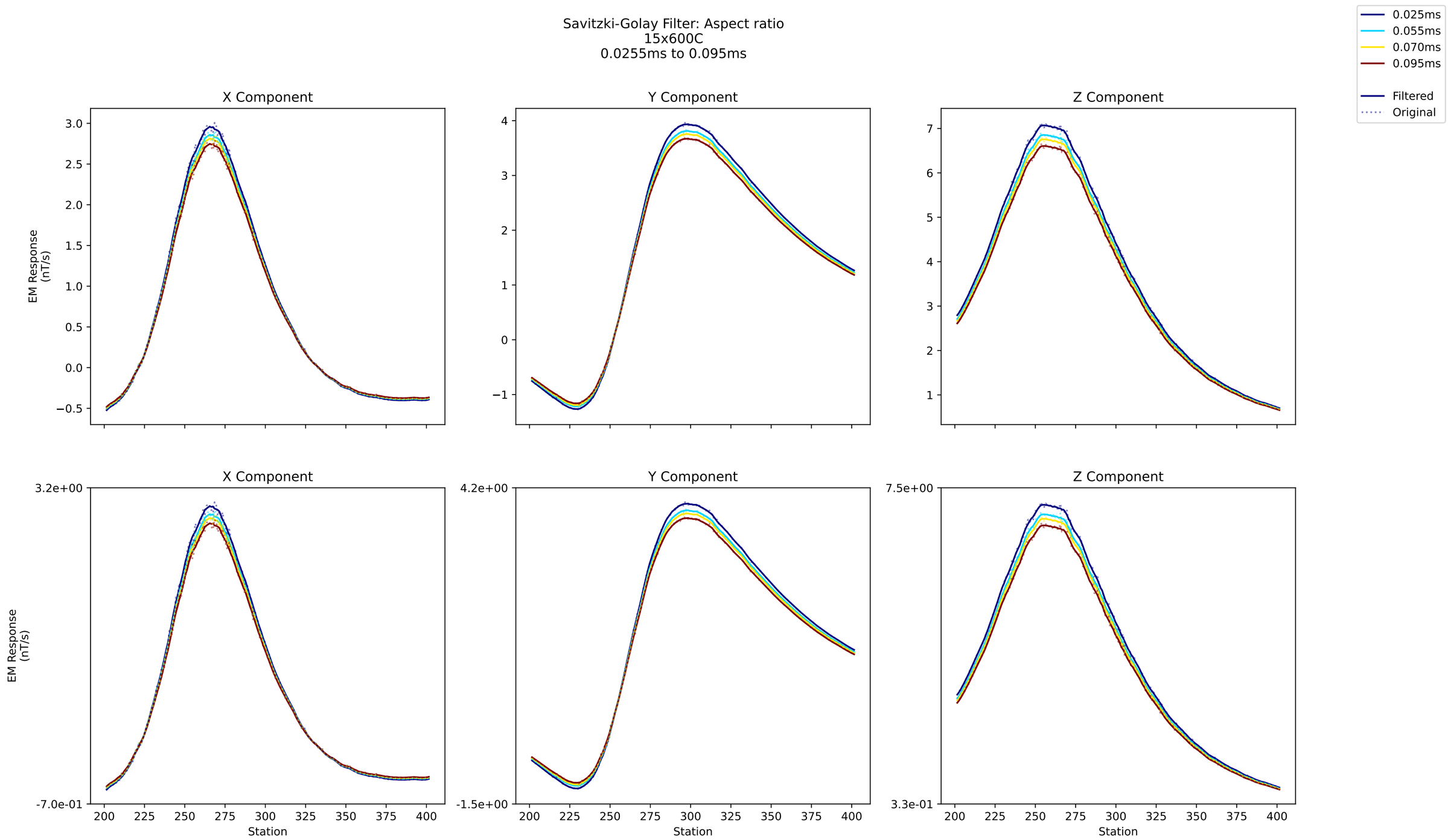

Savitzki-Golay Filter: Aspect ratio
15x600B
0.56ms to 1.315ms
0.560ms
0.745ms
0.990ms
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
6.3e+00
-1.5e+00
7.8e+00
-3.3e+00
1.0e+01
200
225
250
275
300
325
350
375
400
Station

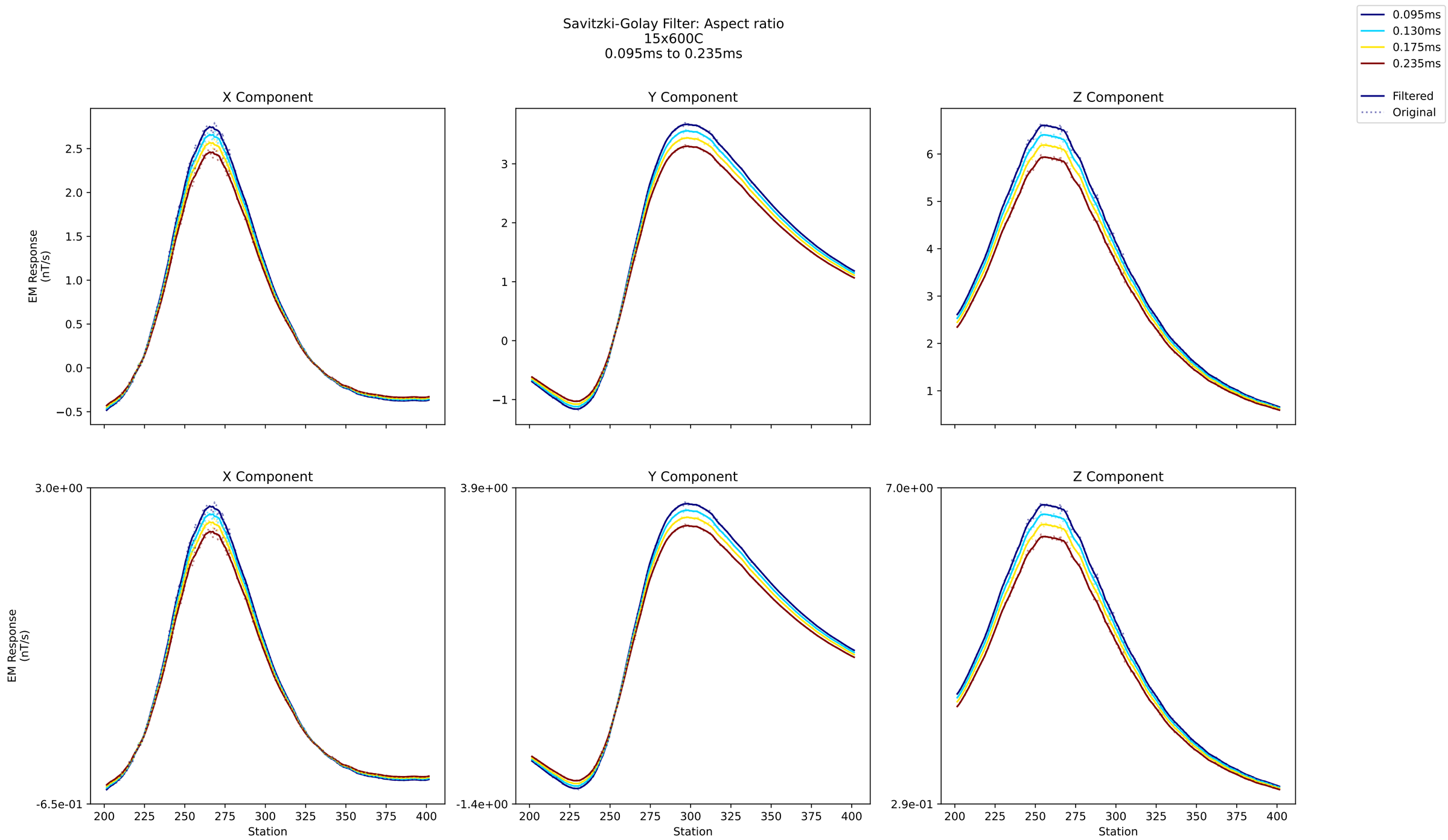

Savitzki-Golay Filter: Aspect ratio
15x600B
1.315ms to 3.075ms
1.315ms
1.745ms
2.315ms
3.075ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
3.7e+00
-8.5e-01
4.7e+00
-1.9e+00
7.4e+00
-9.2e-02
200
225
250
275
300
325
350
375
400
Station

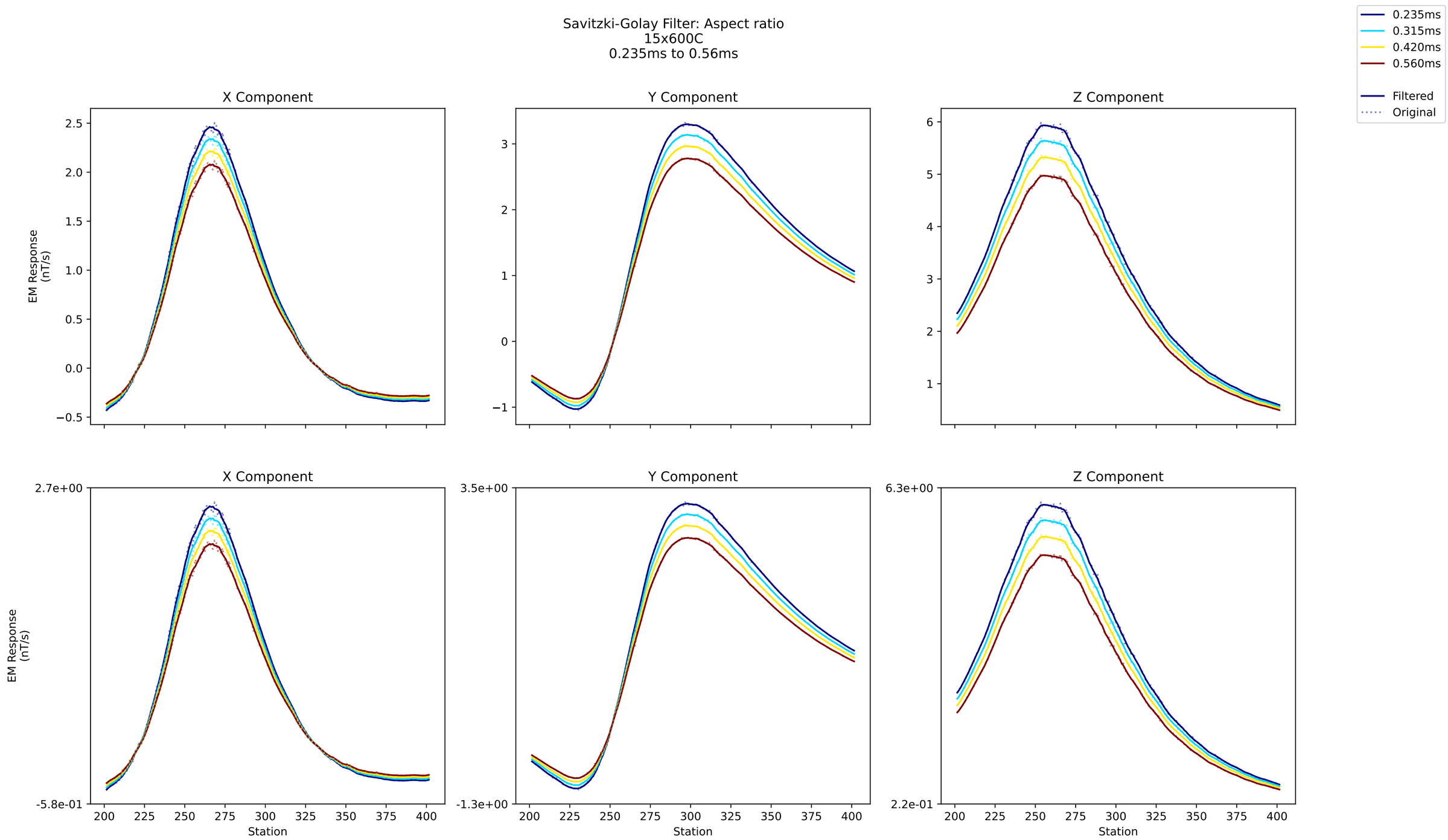

Savitzki-Golay Filter: Aspect ratio
15x600B
3.075ms to 7.205ms
3.075ms
4.085ms
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
1.3e+00
-2.9e-01
1.7e+00
-6.5e-01
2.6e+00
-9.6e-02
200
225
250
275
300
325
350
375
400
Station

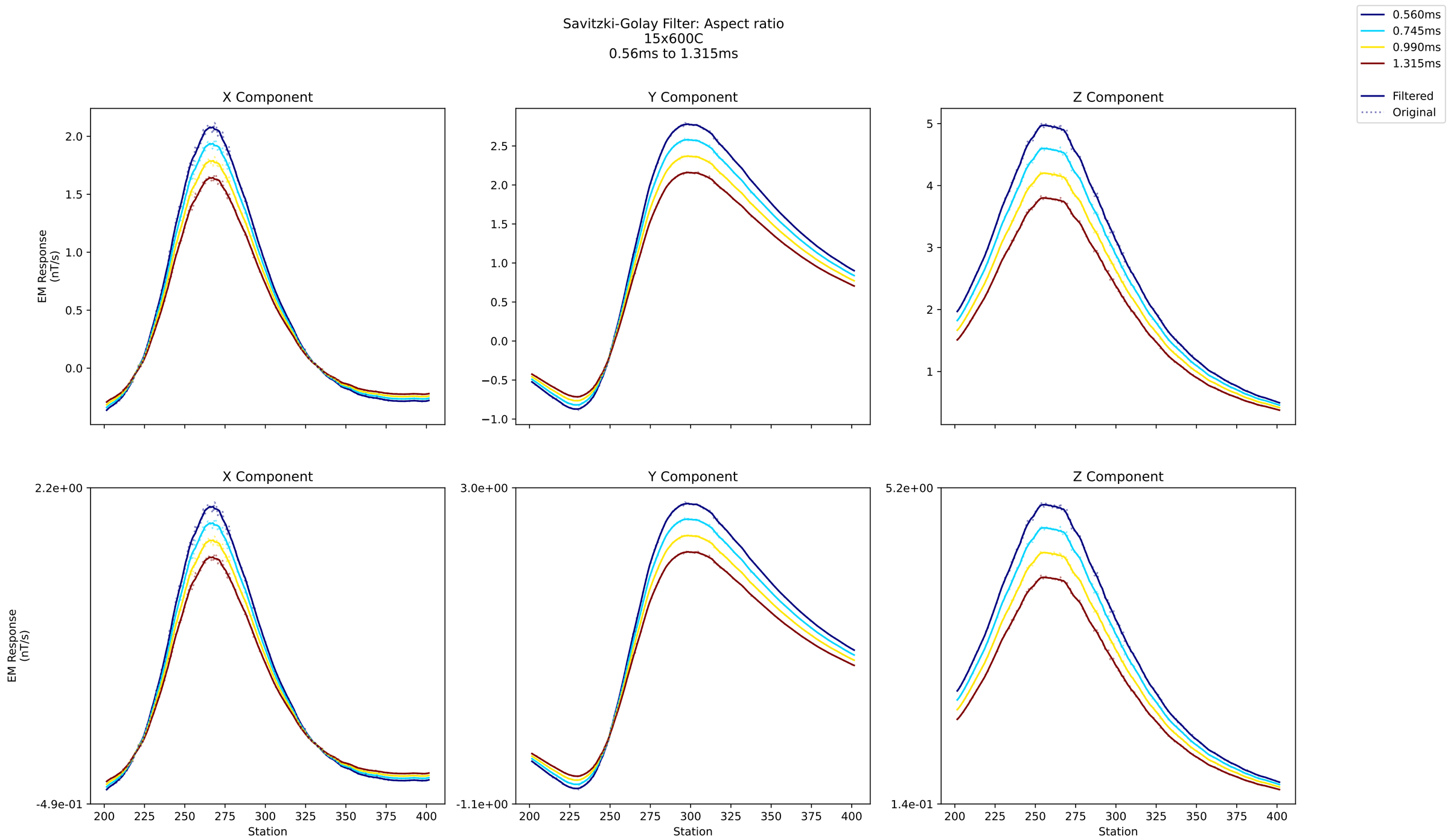

Savitzki-Golay Filter: Aspect ratio
15x600B
7.205ms to 22.73ms
7.205ms
9.570ms
12.660ms
22.730ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

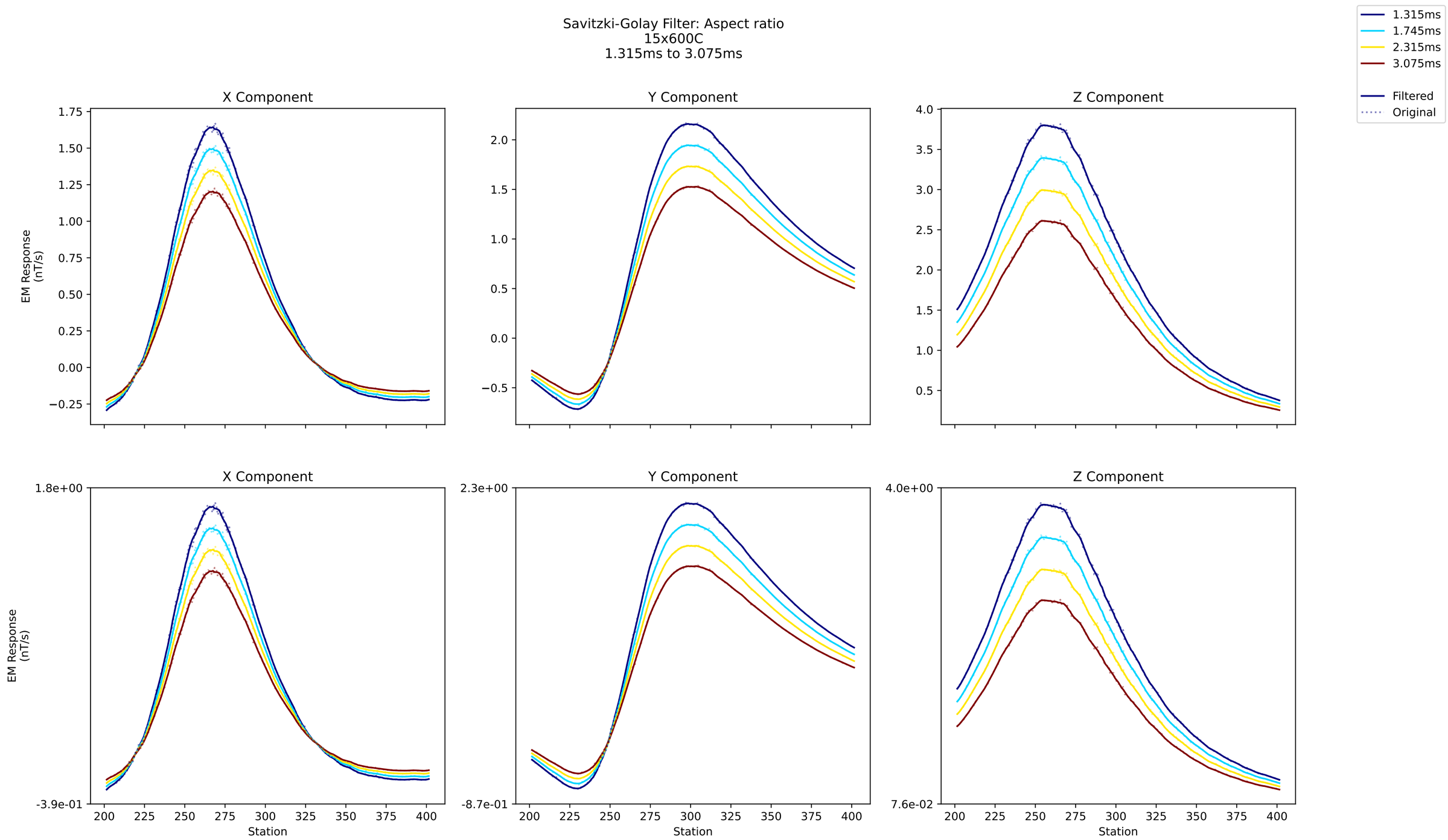

Savitzki-Golay Filter: Aspect ratio
15x600B
22.73ms to 48.115ms
22.730ms
39.395ms
48.115ms
Filtered
Original
X Component
Y Component
Z Component
1e−5
EM Response
(nT/s)
3.3e-05
-9.4e-06
4.4e-05
-1.5e-05
6.5e-05
-4.1e-06
Station

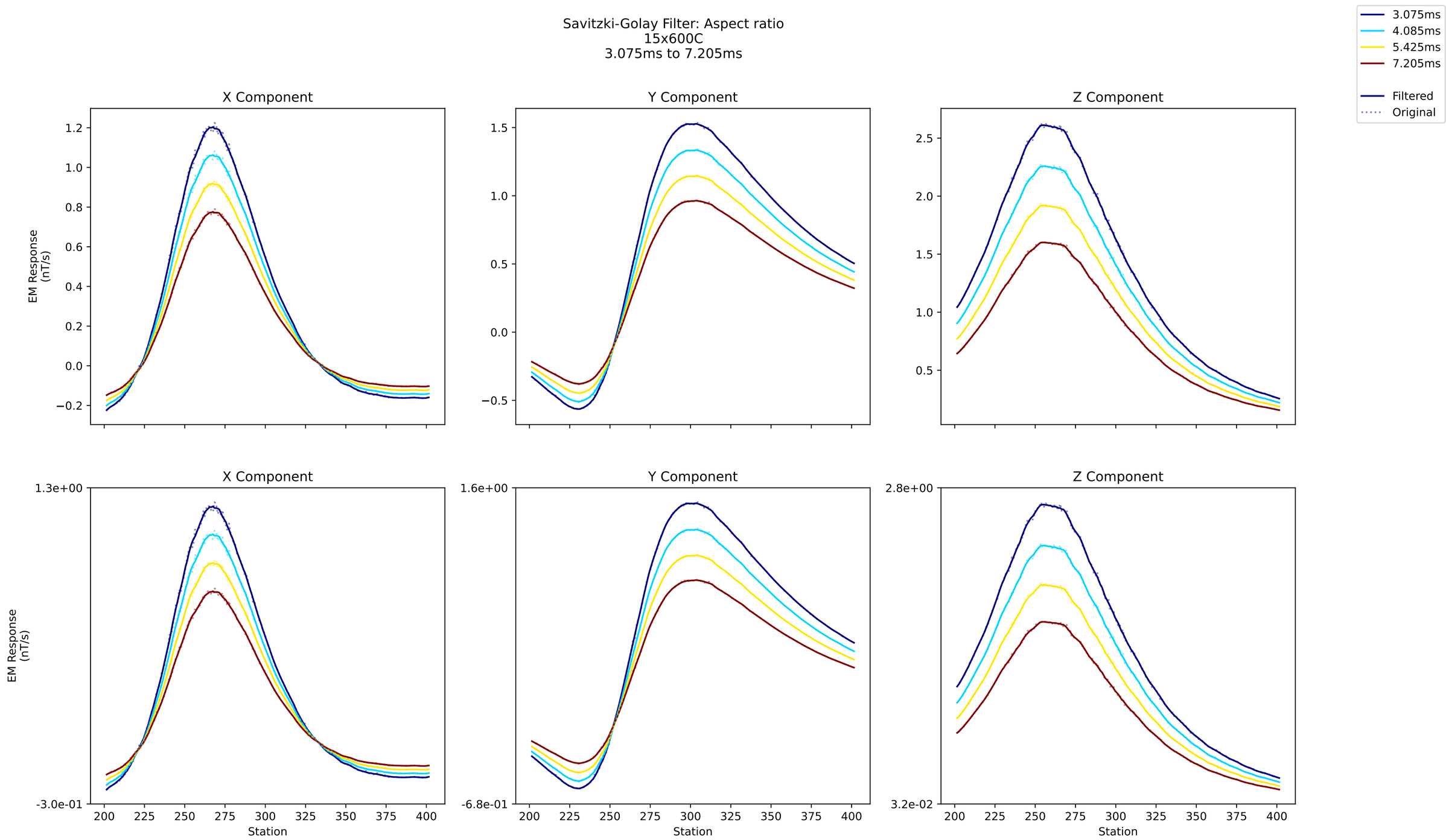

Savitzki-Golay Filter: Aspect ratio
15x600C
0.0255ms to 0.095ms
0.025ms
0.055ms
0.070ms
0.095ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

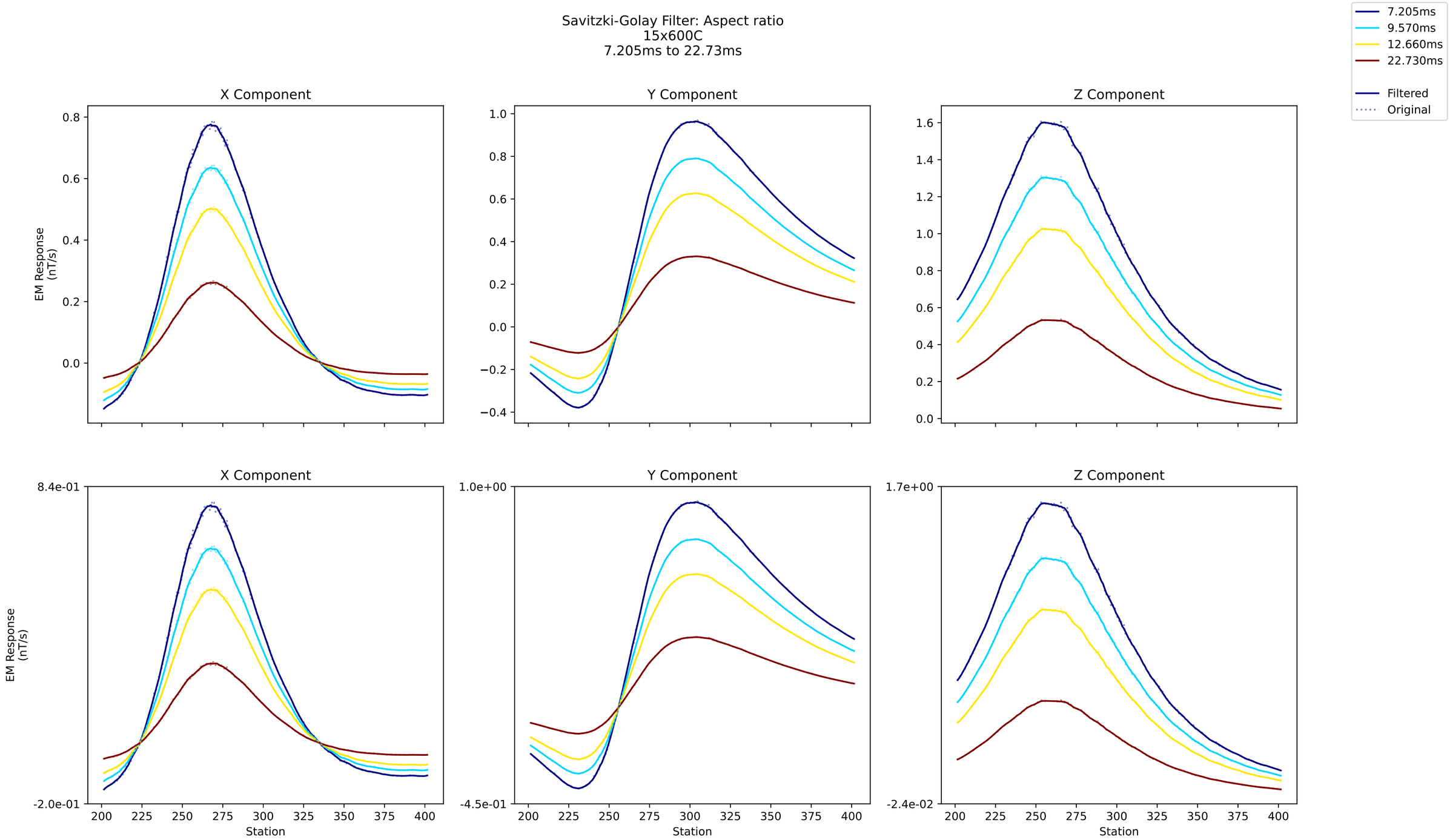

Savitzki-Golay Filter: Aspect ratio
15x600C
0.095ms to 0.235ms
0.095ms
0.130ms
0.175ms
0.235ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station
3.0e+00
-6.5e-01
3.9e+00
-1.4e+00
7.0e+00
2.9e-01

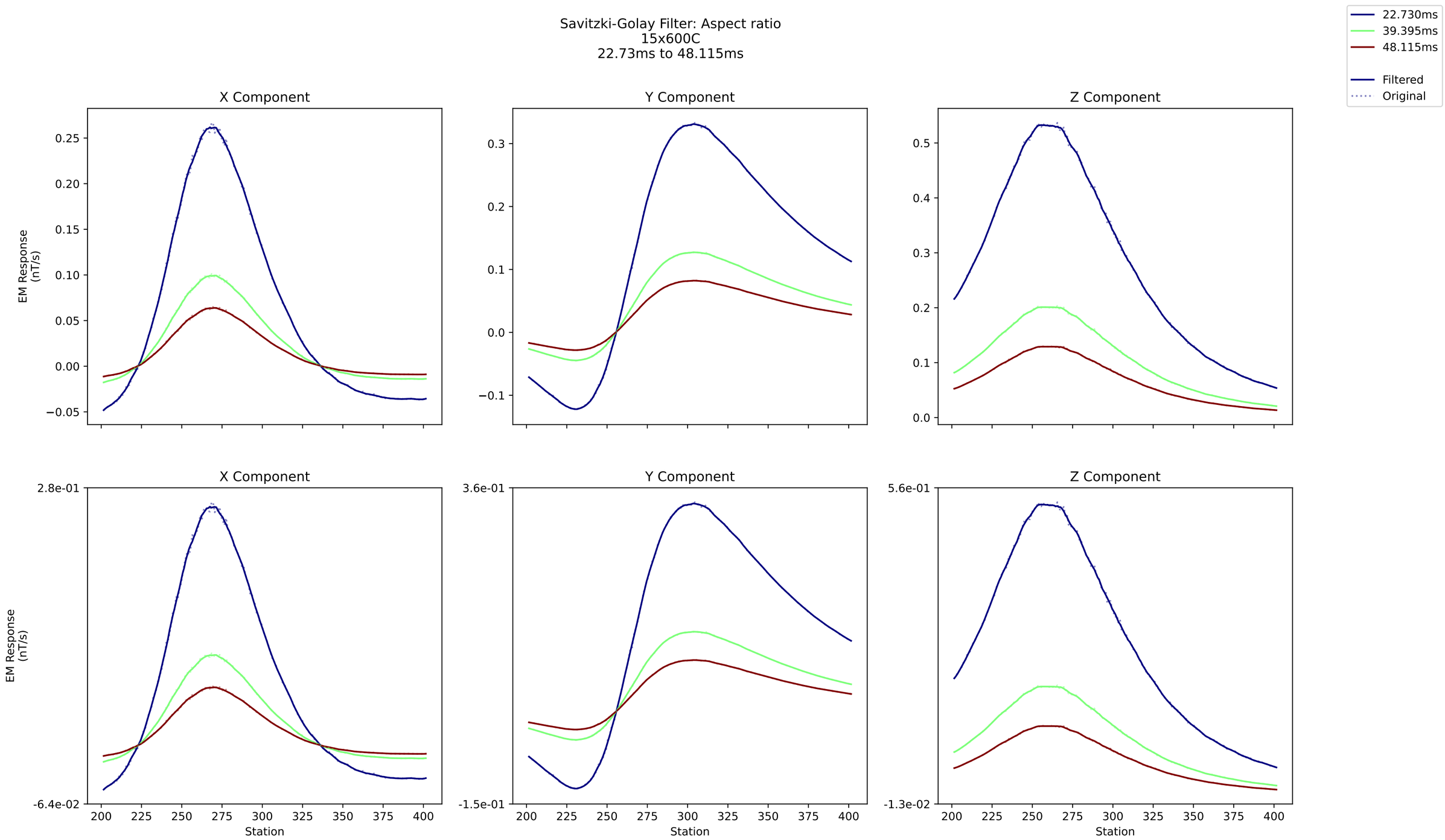

Savitzki-Golay Filter: Aspect ratio
15x600C
0.235ms to 0.56ms
0.235ms
0.315ms
0.420ms
0.560ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
2.7e+00
-5.8e-01
3.5e+00
-1.3e+00
6.3e+00
2.2e-01
200
225
250
275
300
325
350
375
400
Station

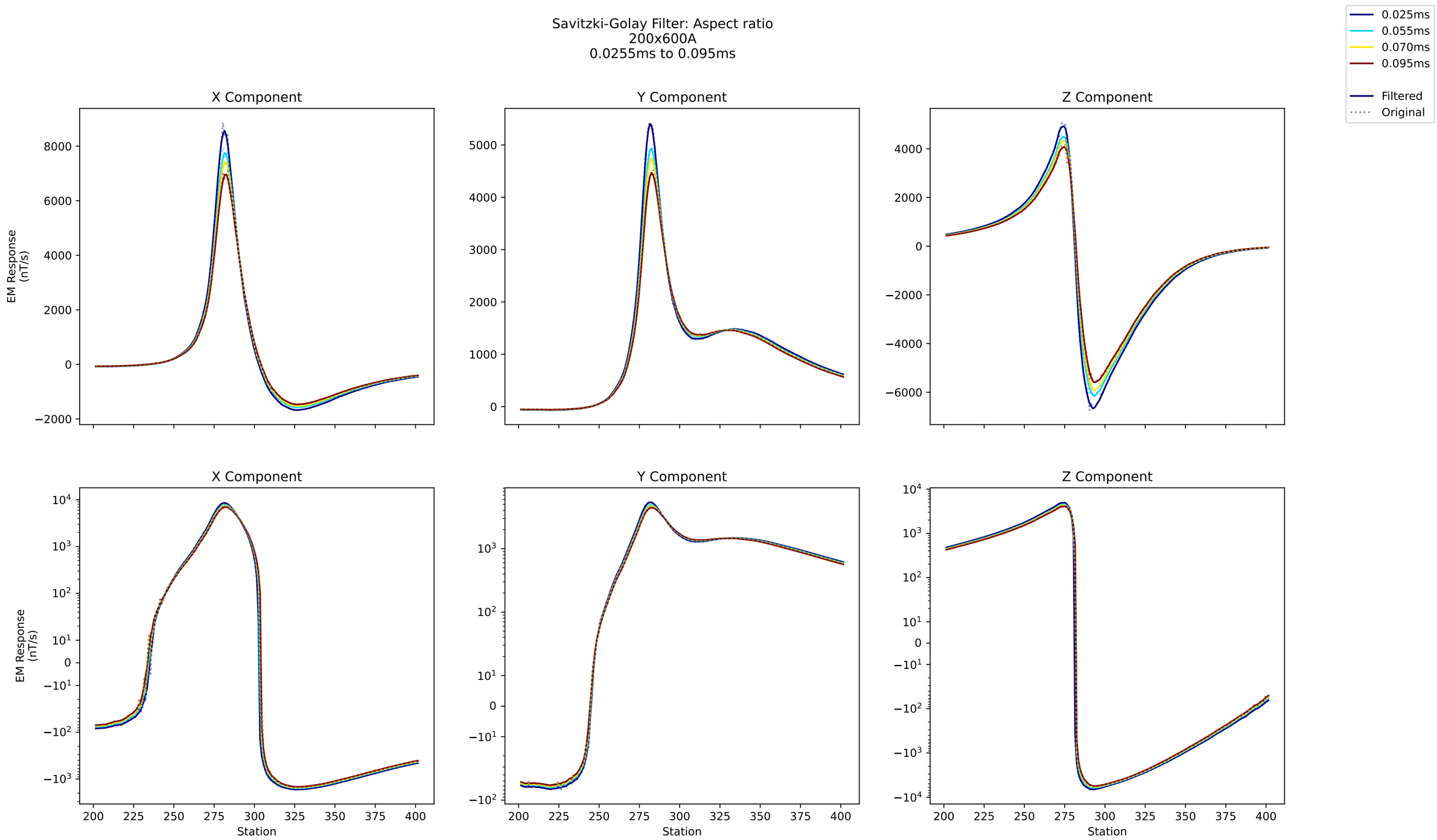

Savitzki-Golay Filter: Aspect ratio
15x600C
0.56ms to 1.315ms
0.560ms
0.745ms
0.990ms
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
2.2e+00
-4.9e-01
3.0e+00
-1.1e+00
5.2e+00
1.4e-01
200
225
250
275
300
325
350
375
400
Station

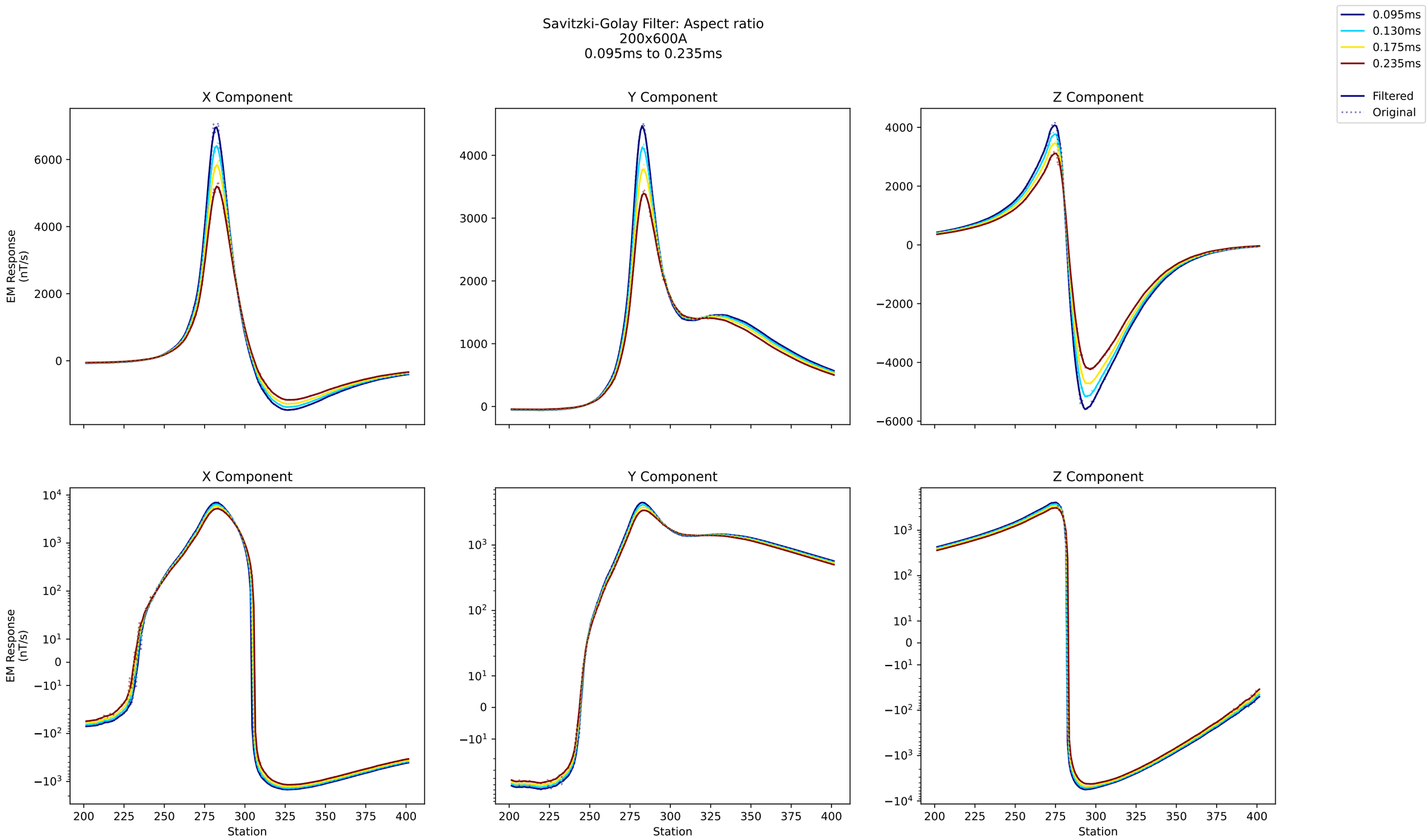

Savitzki-Golay Filter: Aspect ratio
15x600C
1.315ms to 3.075ms
1.315ms
1.745ms
2.315ms
3.075ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
−0.25
2.0
1.5
1.0
0.5
0.0
−0.5
4.0
3.5
3.0
2.5
2.0
1.5
1.0
0.5
1.8e+00
-3.9e-01
2.3e+00
-8.7e-01
4.0e+00
7.6e-02
200
225
250
275
300
325
350
375
400
Station

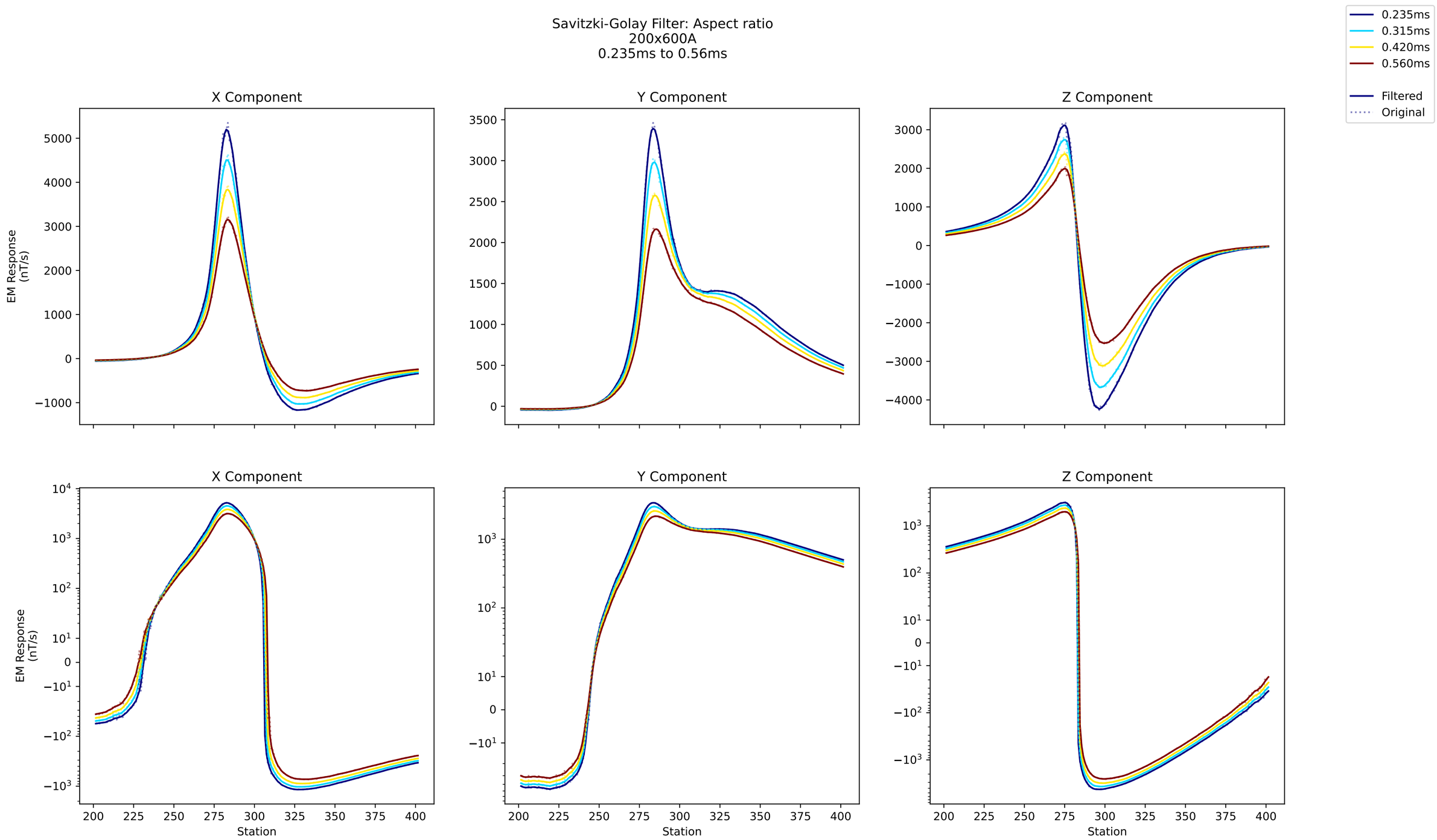

Savitzki-Golay Filter: Aspect ratio
15x600C
3.075ms to 7.205ms
3.075ms
4.085ms
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
1.3e+00
-3.0e-01
1.6e+00
-6.8e-01
2.8e+00
3.2e-02
200
225
250
275
300
325
350
375
400
Station

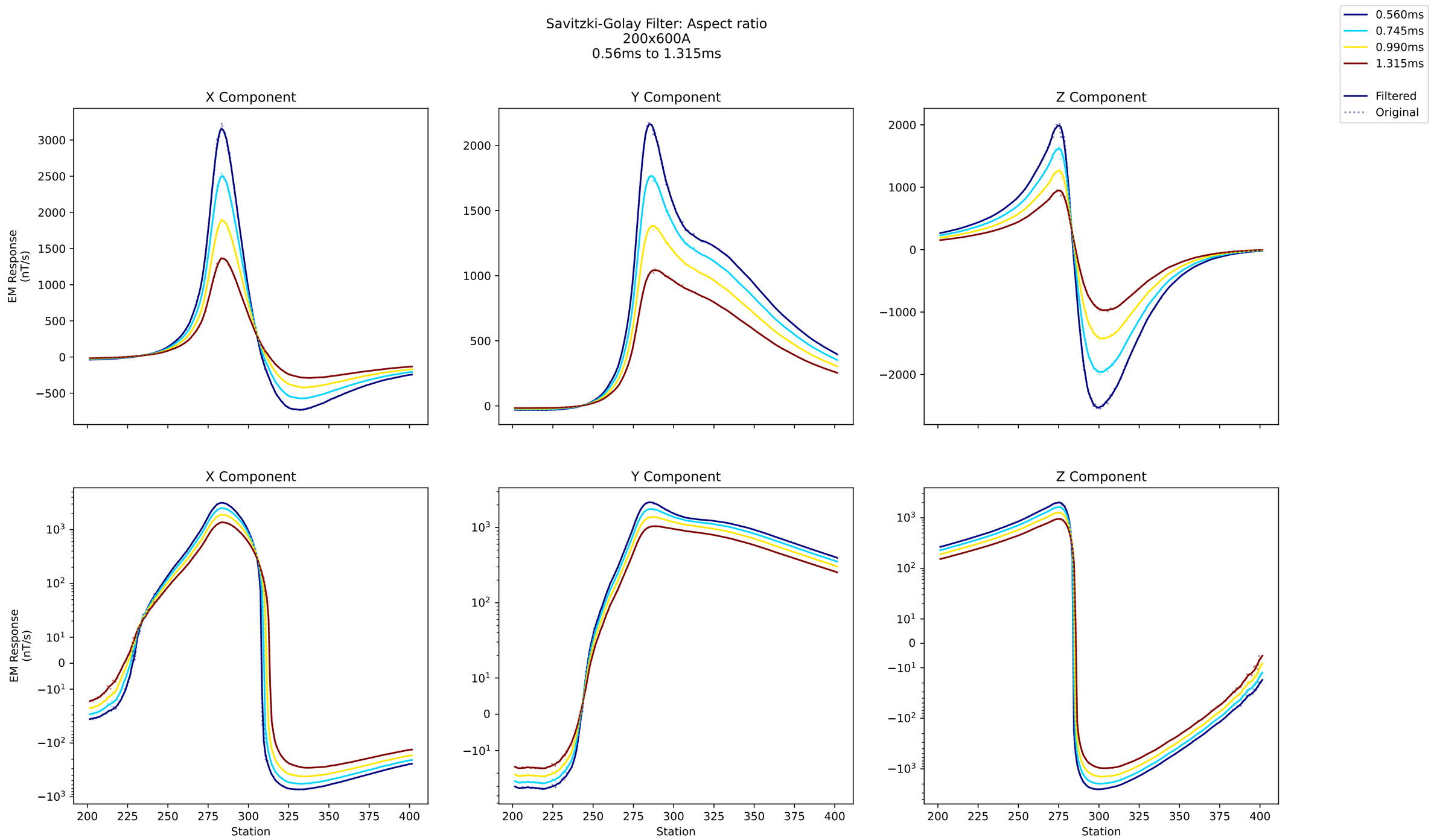

Savitzki-Golay Filter: Aspect ratio
15x600C
7.205ms to 22.73ms
7.205ms
9.570ms
12.660ms
22.730ms
Filtered
Original
X Component
Y Component
Z Component
EM Response (nT/s)
Station
8.4e-01
-2.0e-01
1.0e+00
-4.5e-01
1.7e+00
-2.4e-02

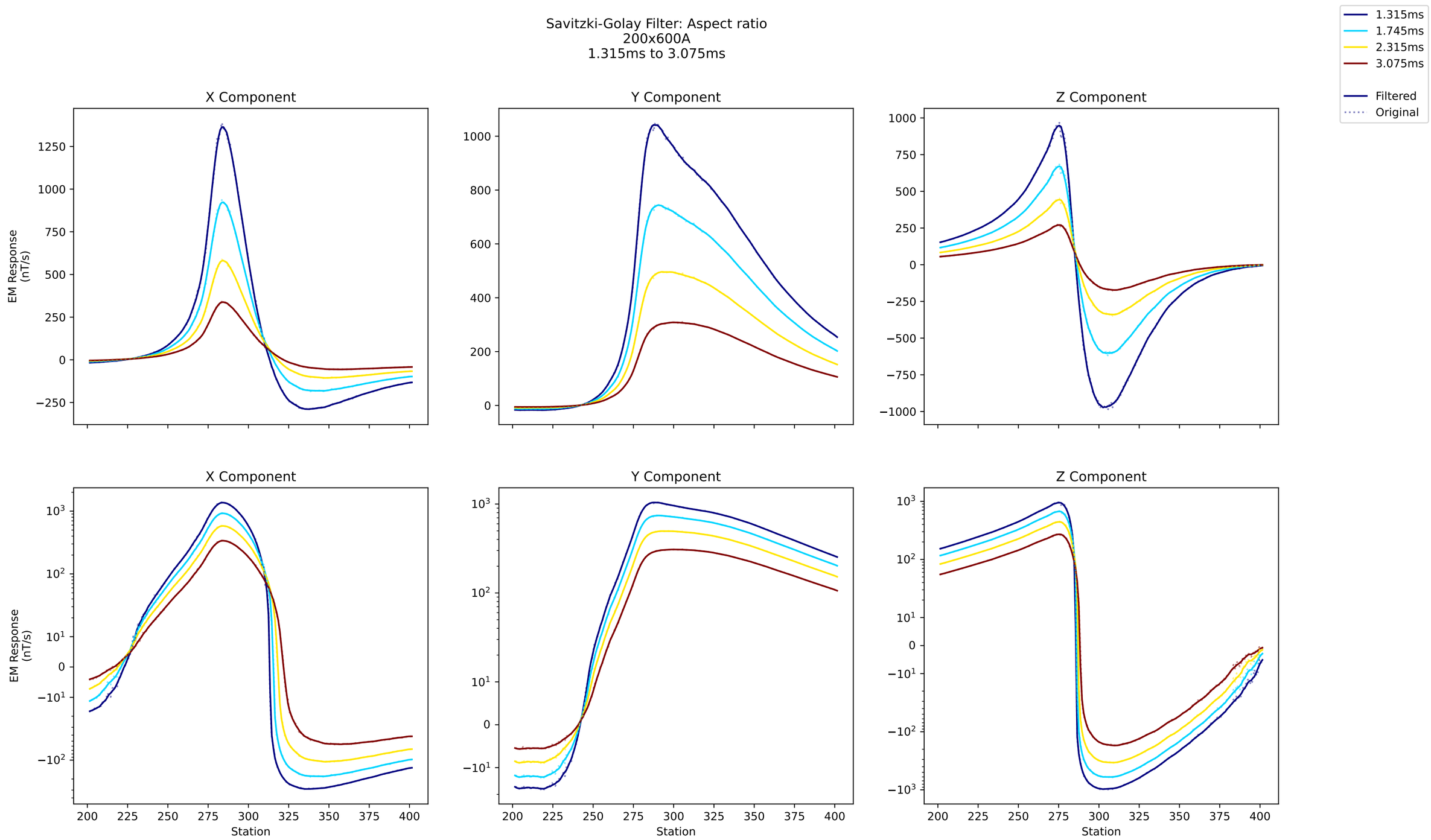

Savitzki-Golay Filter: Aspect ratio
15x600C
22.73ms to 48.115ms
22.730ms
39.395ms
48.115ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

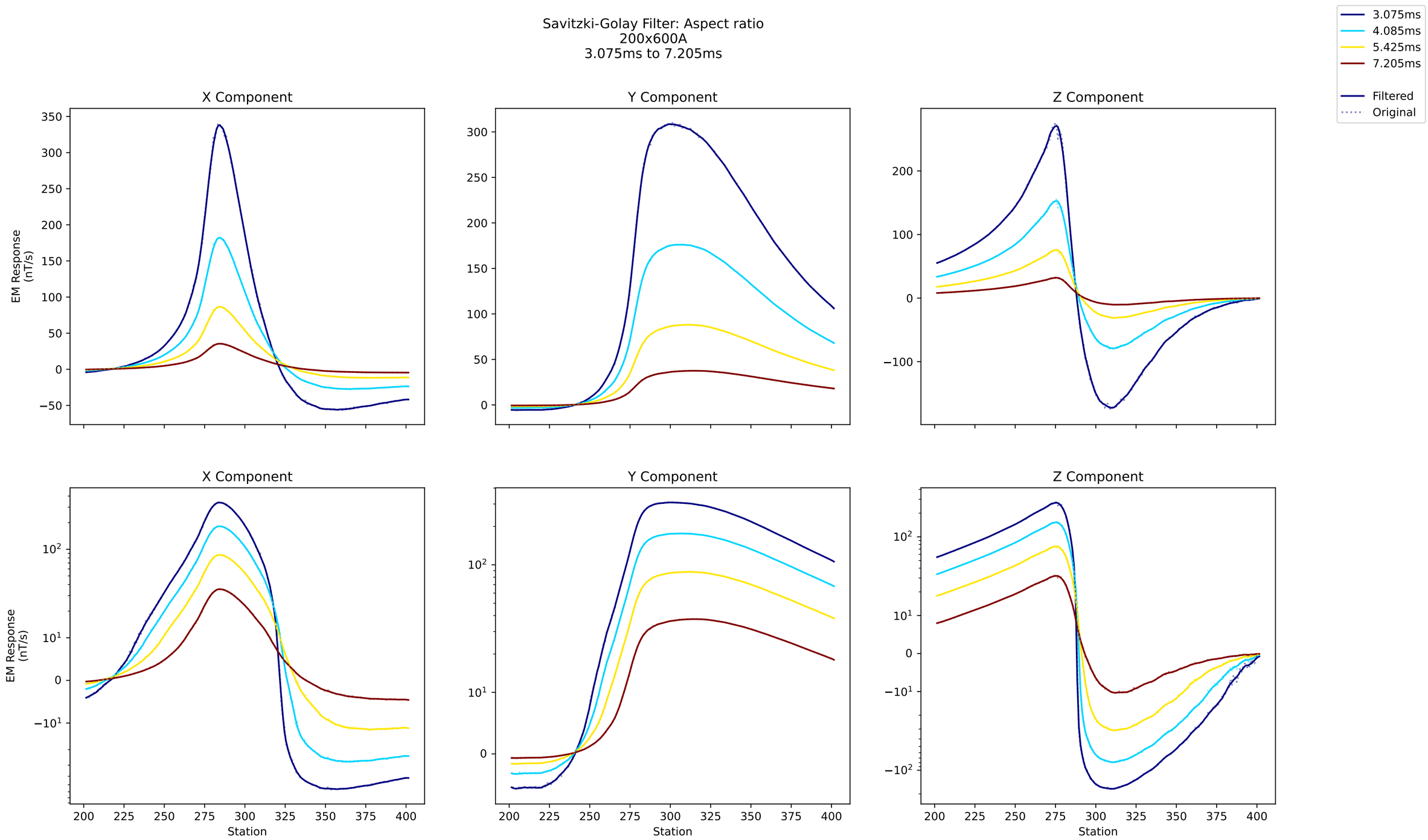

Savitzki-Golay Filter: Aspect ratio
200x600A
0.0255ms to 0.095ms
0.025ms
0.055ms
0.070ms
0.095ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

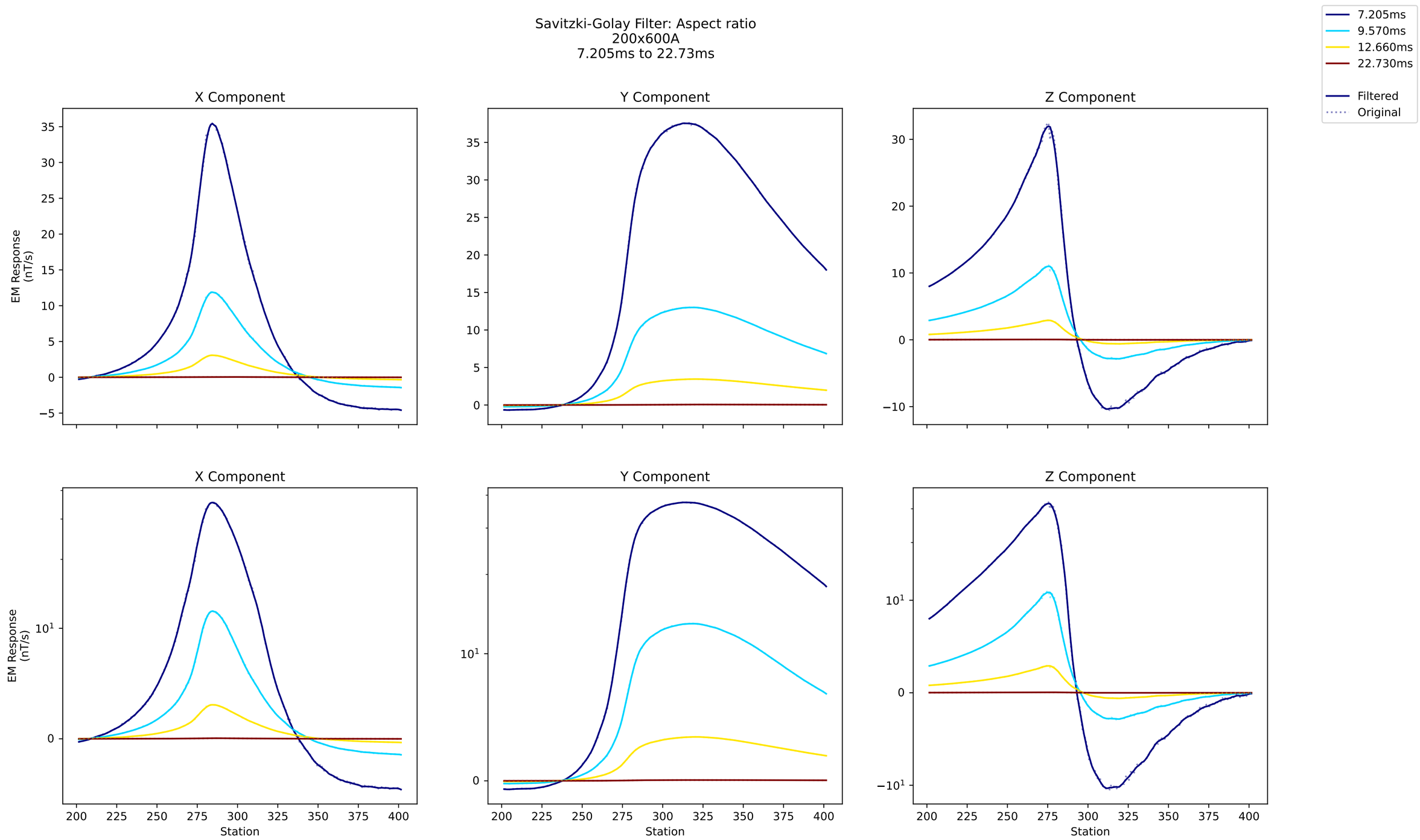

Savitzki-Golay Filter: Aspect ratio
200x600A
0.095ms to 0.235ms
0.095ms
0.130ms
0.175ms
0.235ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

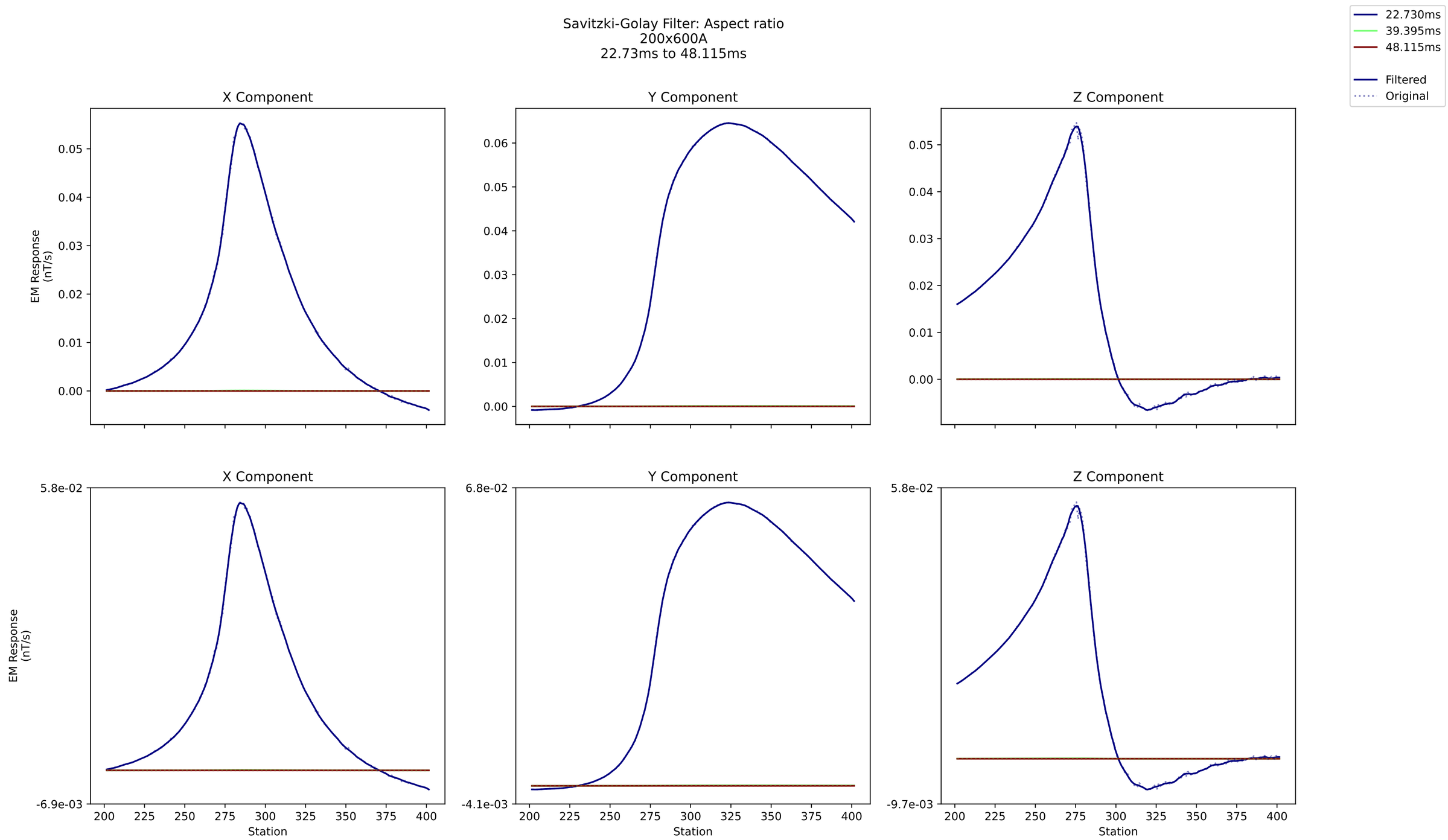

Savitzki-Golay Filter: Aspect ratio
200x600A
0.235ms to 0.56ms
0.235ms
0.315ms
0.420ms
0.560ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

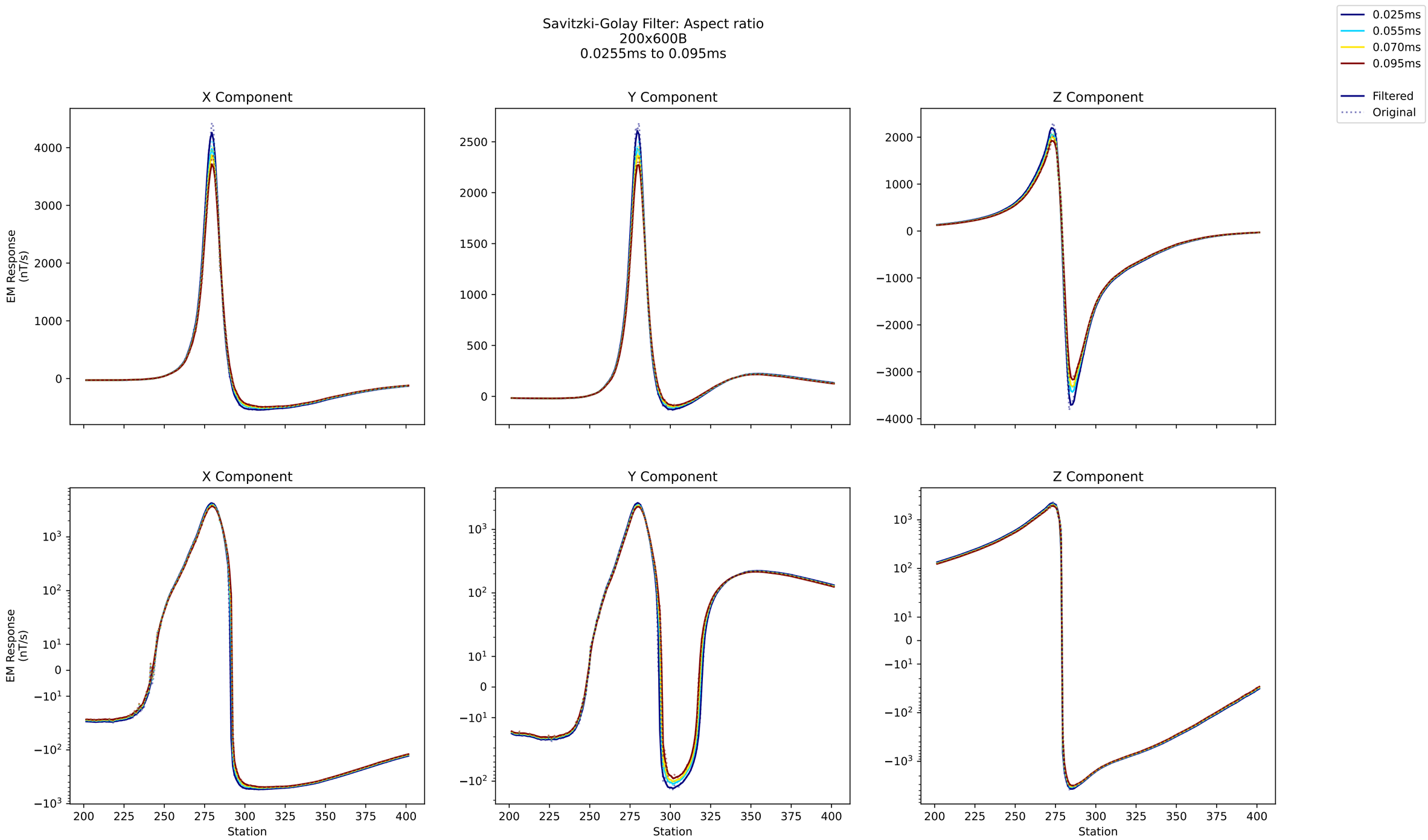

Savitzki-Golay Filter: Aspect ratio
200x600A
0.56ms to 1.315ms
0.560ms
0.745ms
0.990ms
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

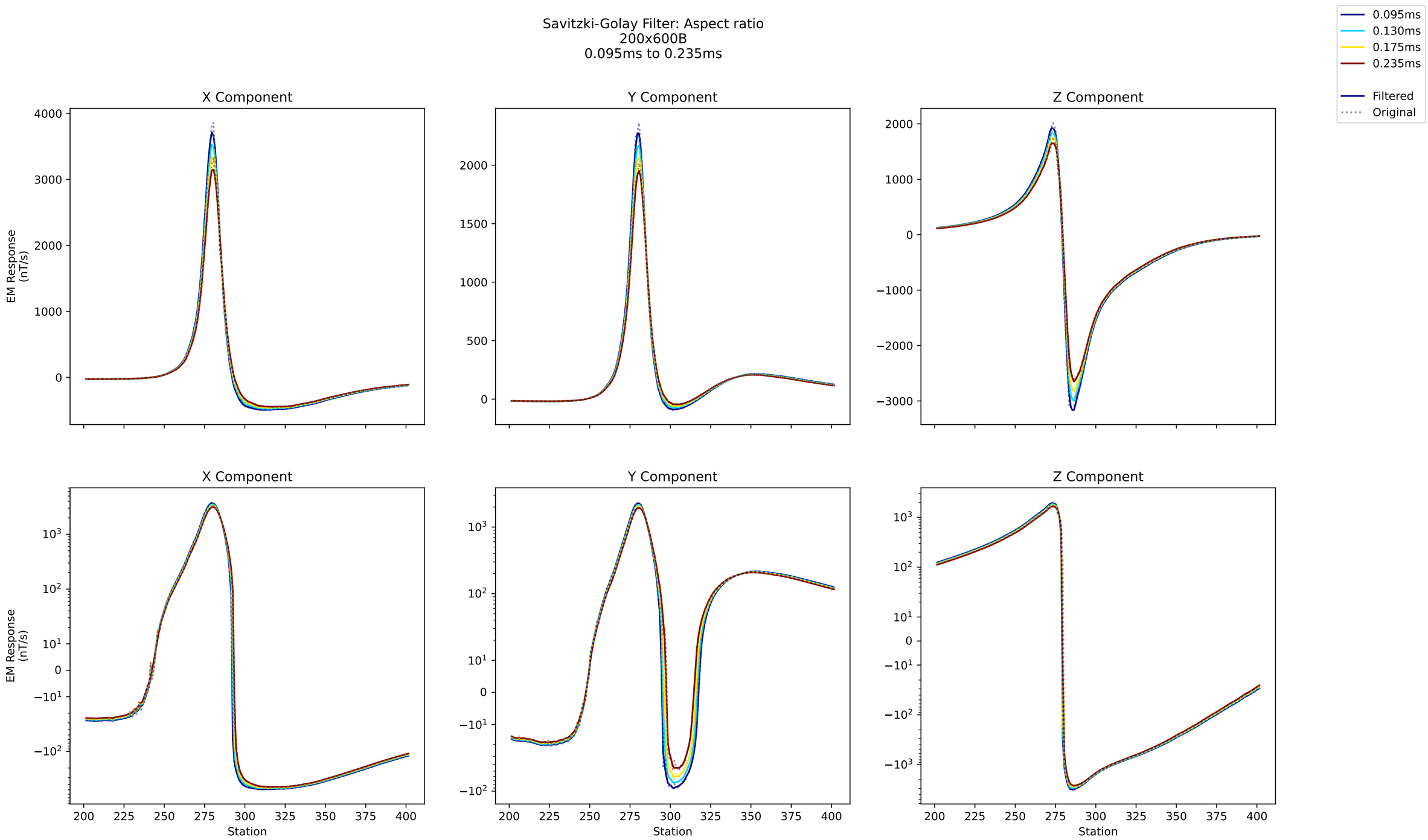

Savitzki-Golay Filter: Aspect ratio
200x600A
1.315ms to 3.075ms
1.315ms
1.745ms
2.315ms
3.075ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

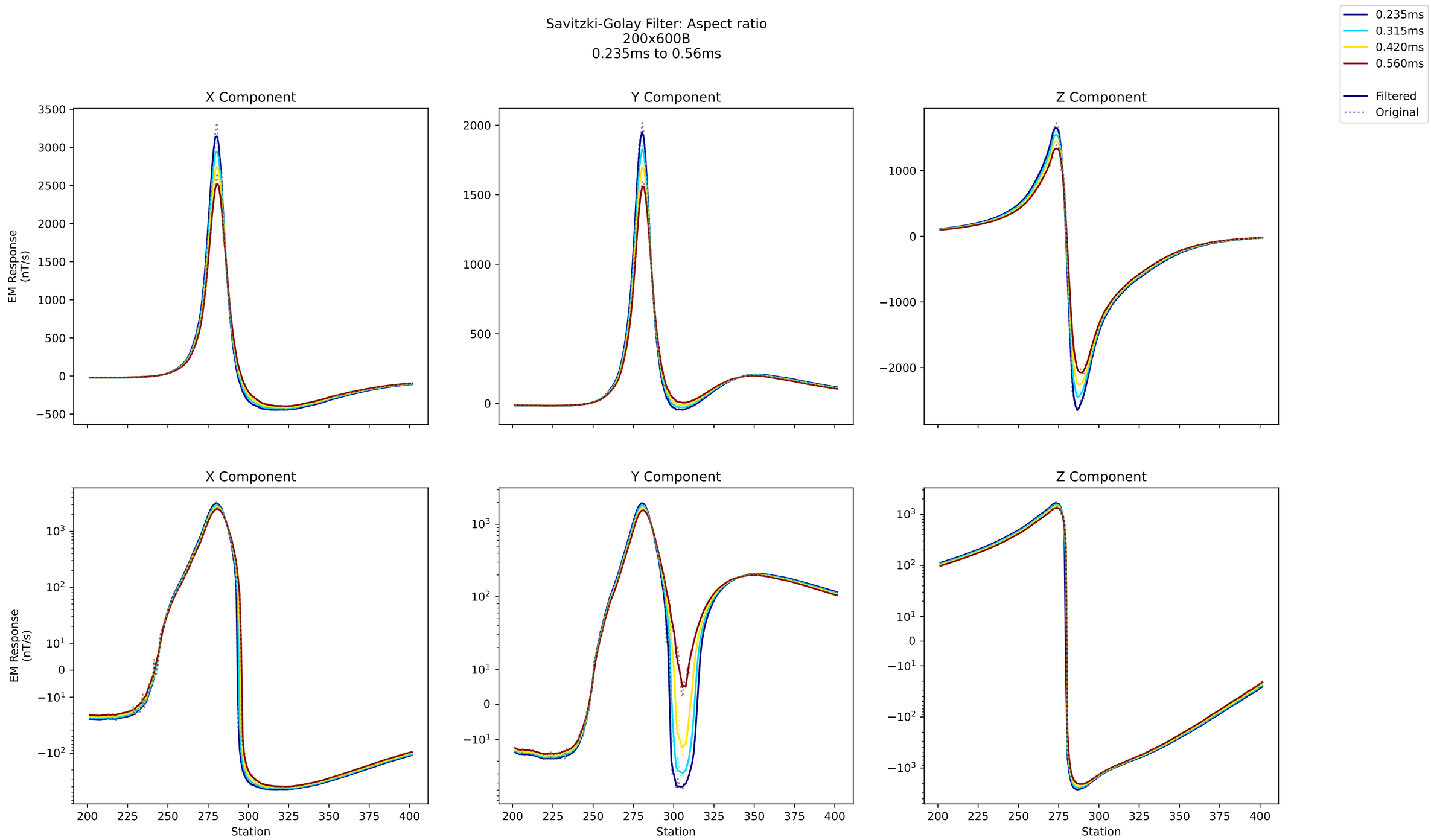

Savitzki-Golay Filter: Aspect ratio
200x600A
3.075ms to 7.205ms
3.075ms
4.085ms
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

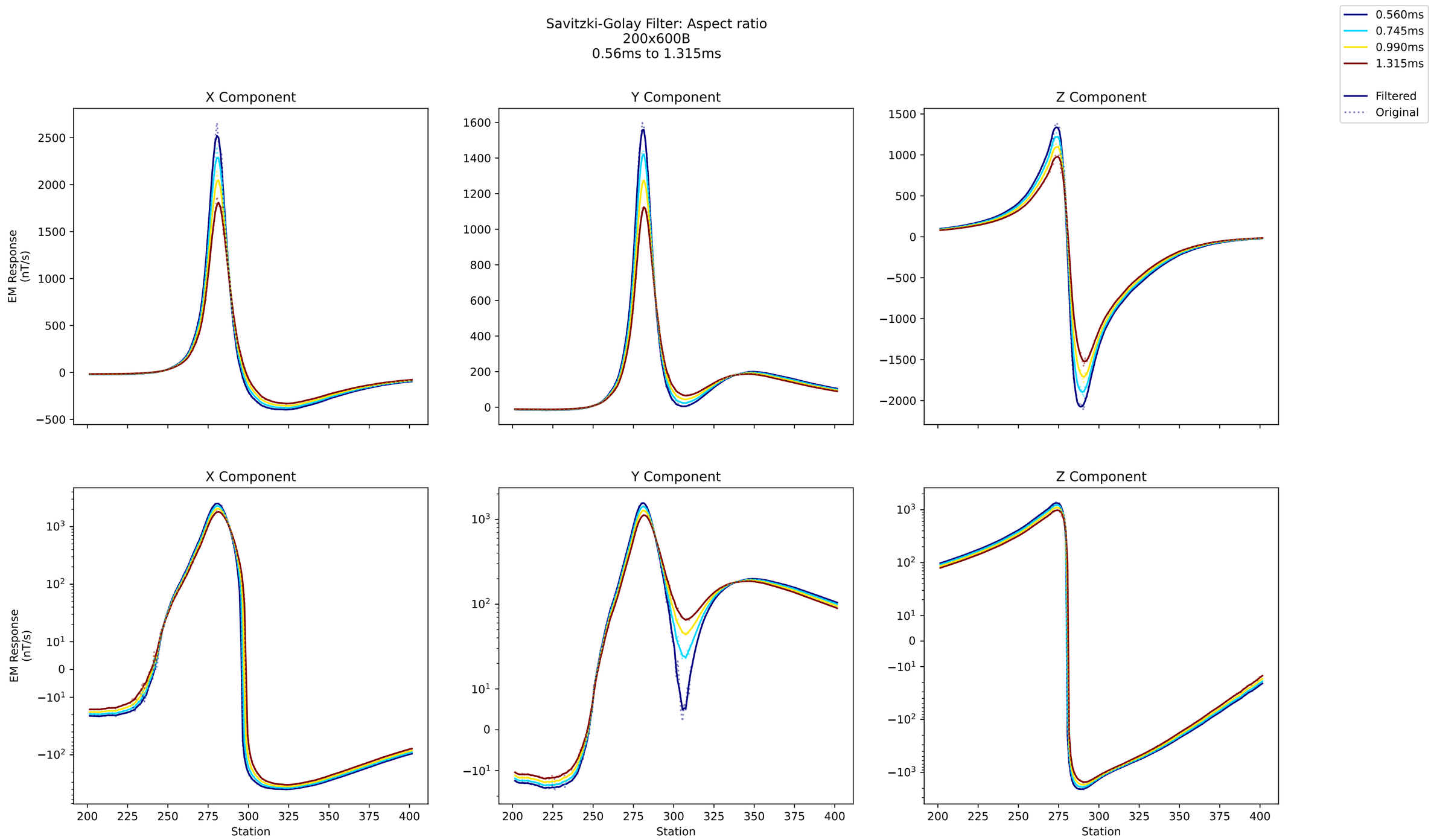

Savitzki-Golay Filter: Aspect ratio
200x600A
7.205ms to 22.73ms
7.205ms
9.570ms
12.660ms
22.730ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

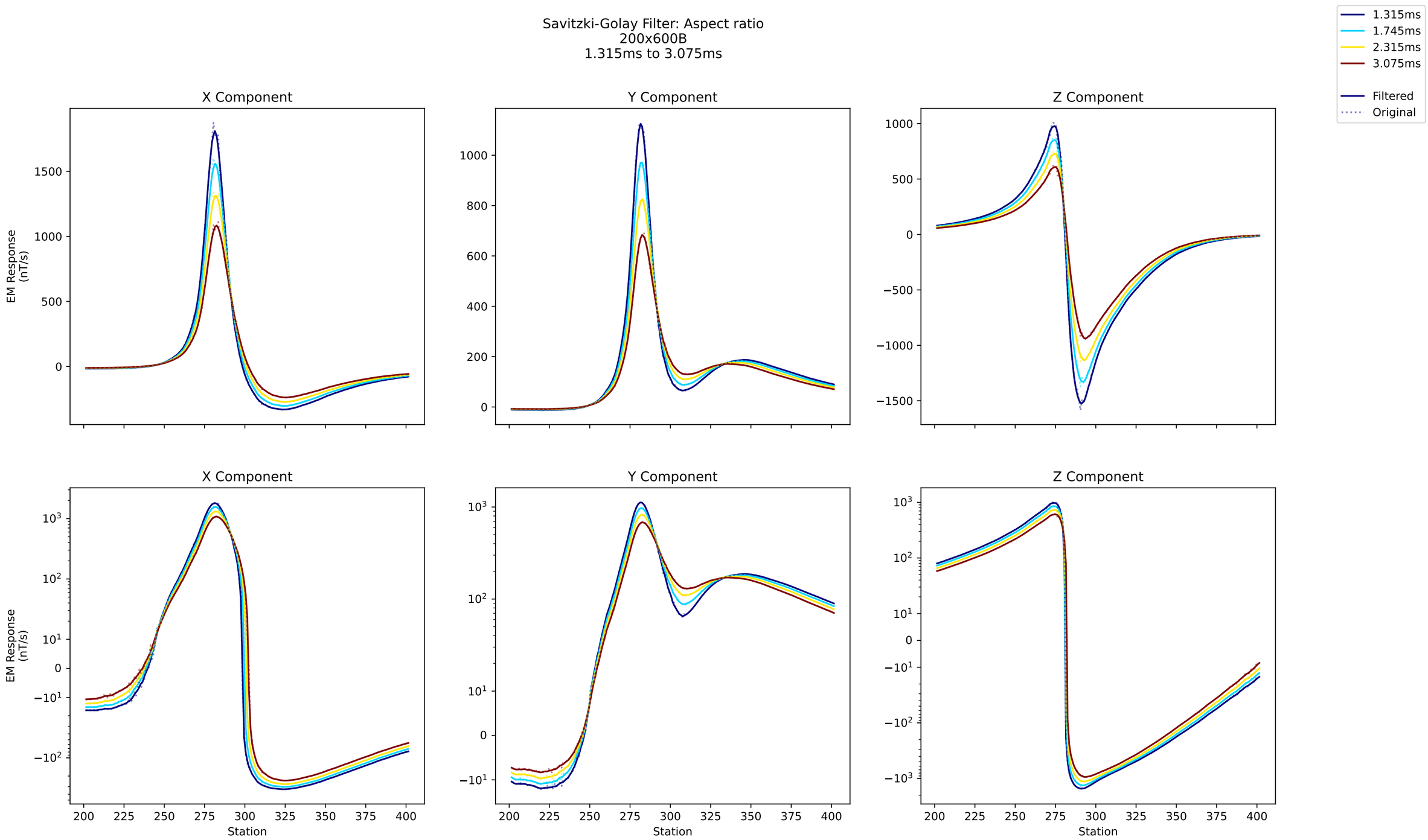

Savitzki-Golay Filter: Aspect ratio
200x600A
22.73ms to 48.115ms
22.730ms
39.395ms
48.115ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
0.05
0.04
0.03
0.02
0.01
0.00
0.06
5.8e-02
-6.9e-03
6.8e-02
-4.1e-03
-9.7e-03
200
225
250
275
300
325
350
375
400
Station

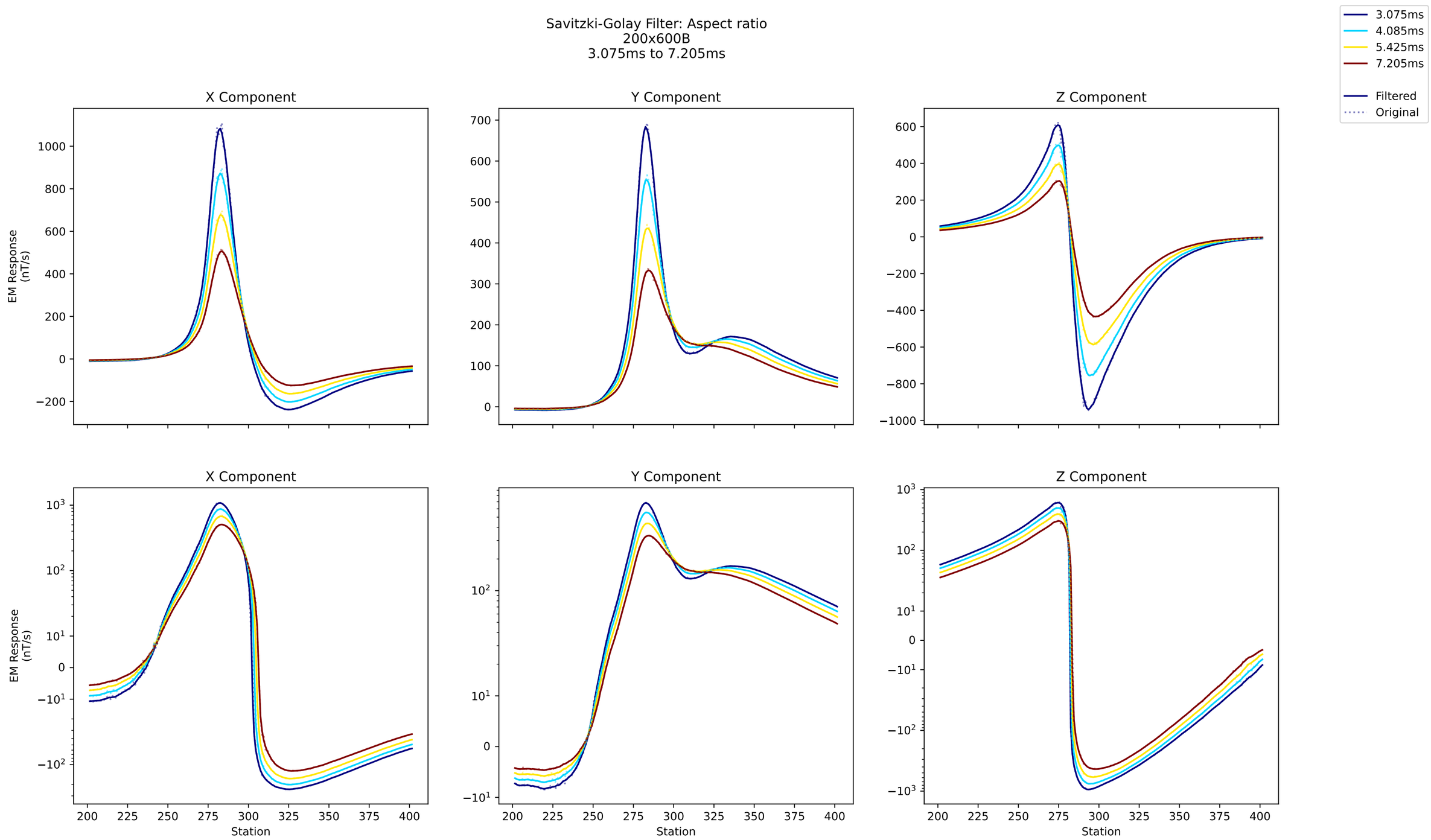

Savitzki-Golay Filter: Aspect ratio
200x600B
0.0255ms to 0.095ms
0.025ms
0.055ms
0.070ms
0.095ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

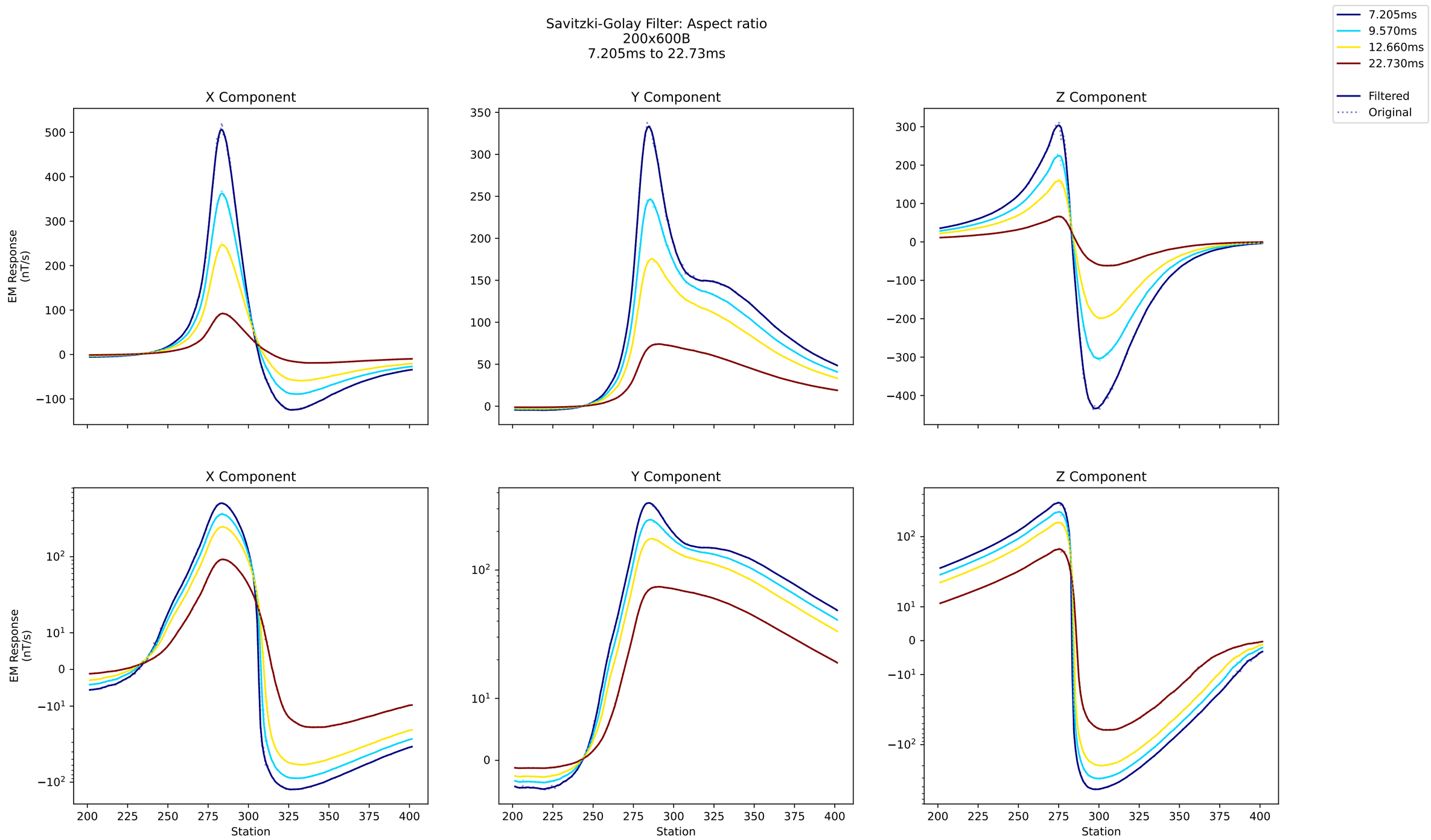

Savitzki-Golay Filter: Aspect ratio
200x600B
0.095ms to 0.235ms
0.095ms
0.130ms
0.175ms
0.235ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

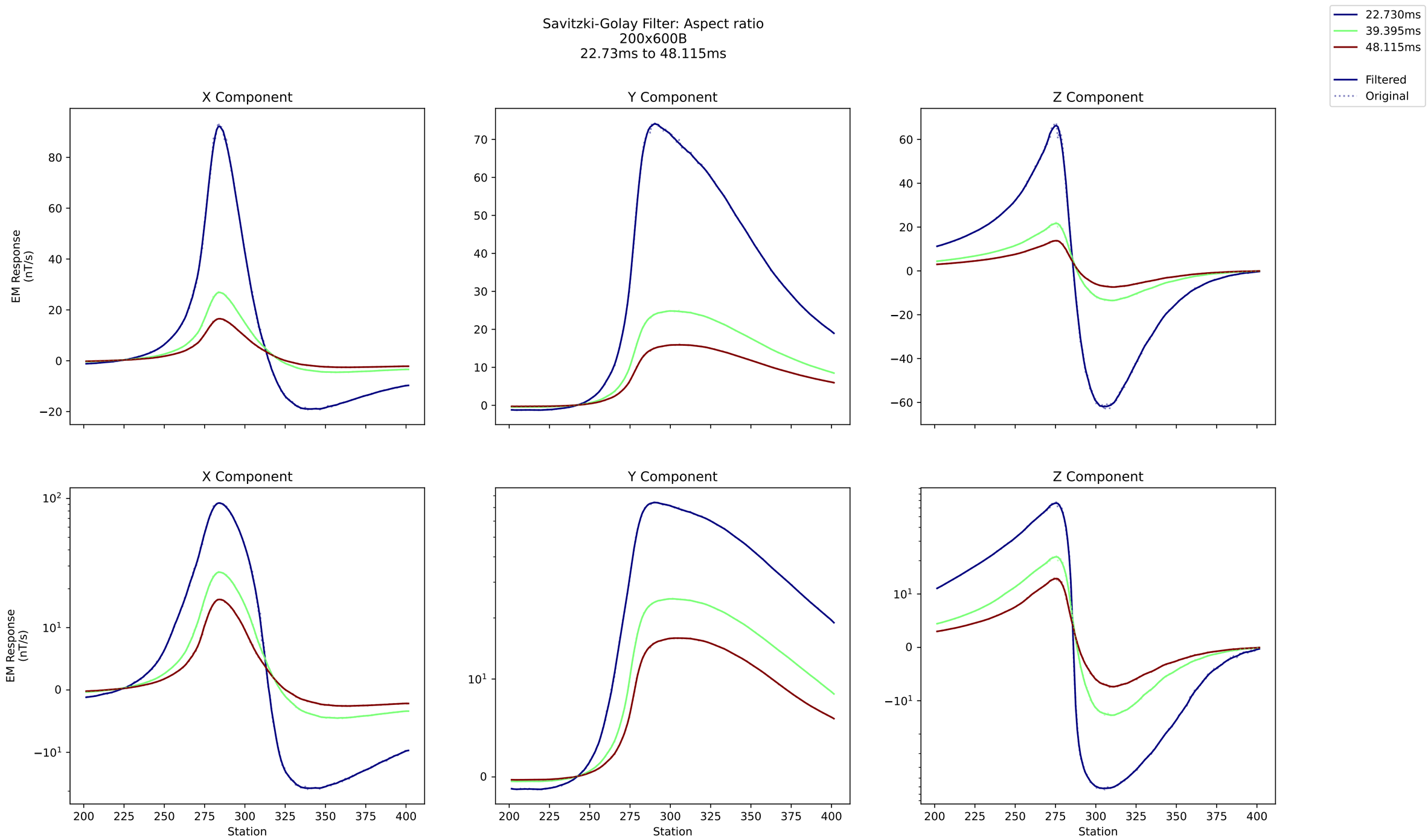

Savitzki-Golay Filter: Aspect ratio
200x600B
0.235ms to 0.56ms
0.235ms
0.315ms
0.420ms
0.560ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

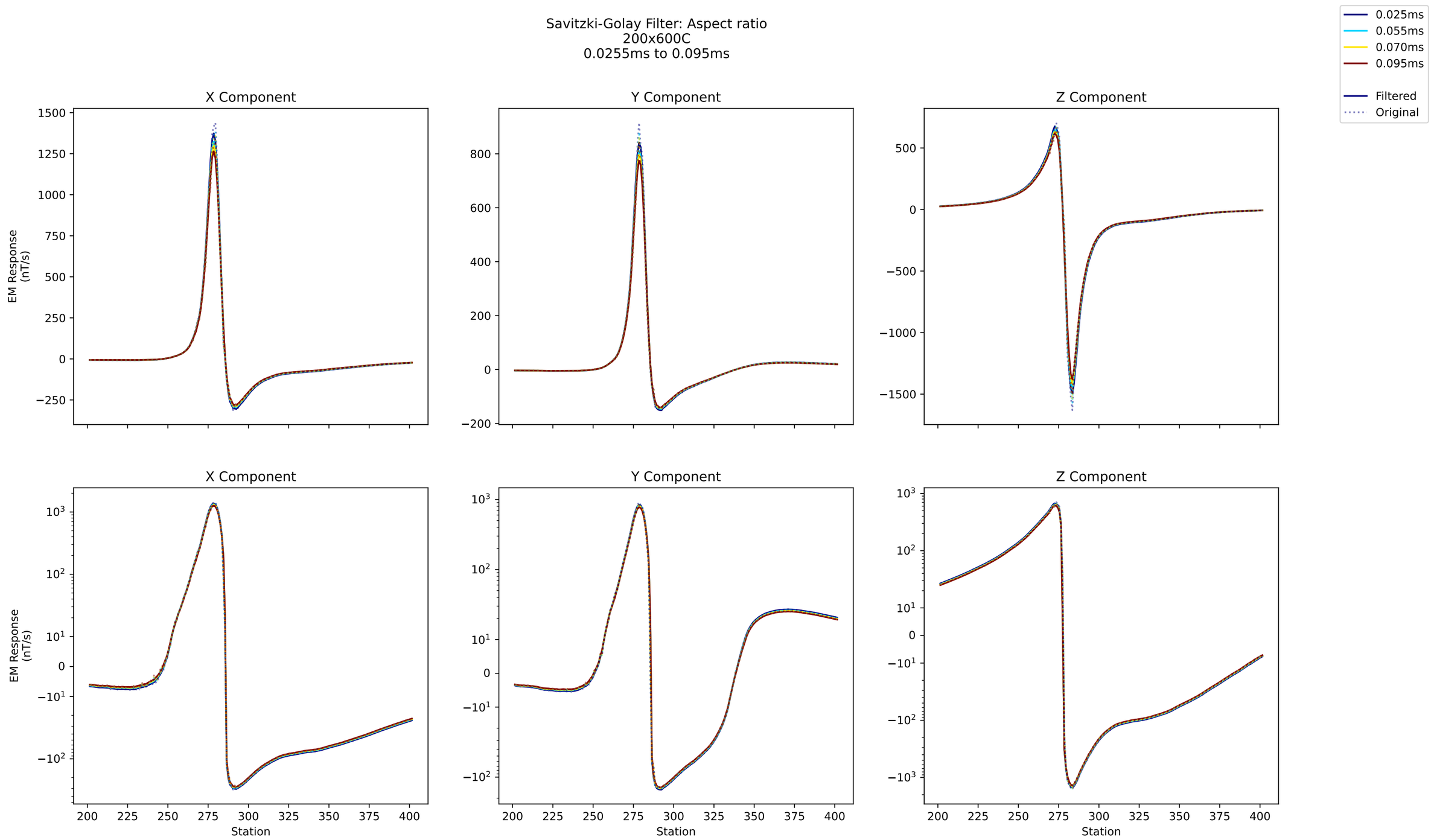

Savitzki-Golay Filter: Aspect ratio
200x600B
0.56ms to 1.315ms
0.560ms
0.745ms
0.990ms
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

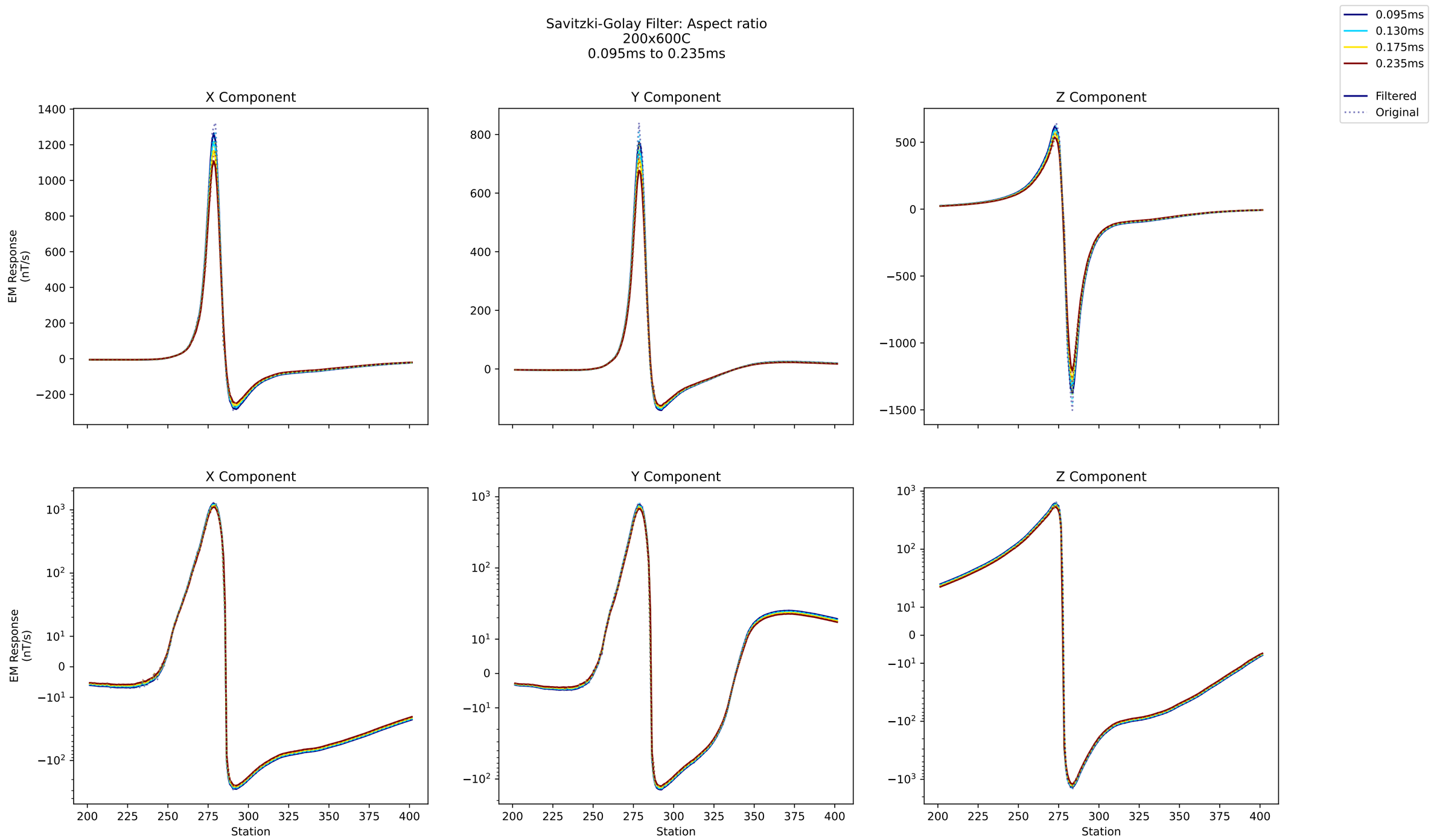

Savitzki-Golay Filter: Aspect ratio
200x600B
1.315ms to 3.075ms
1.315ms
1.745ms
2.315ms
3.075ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

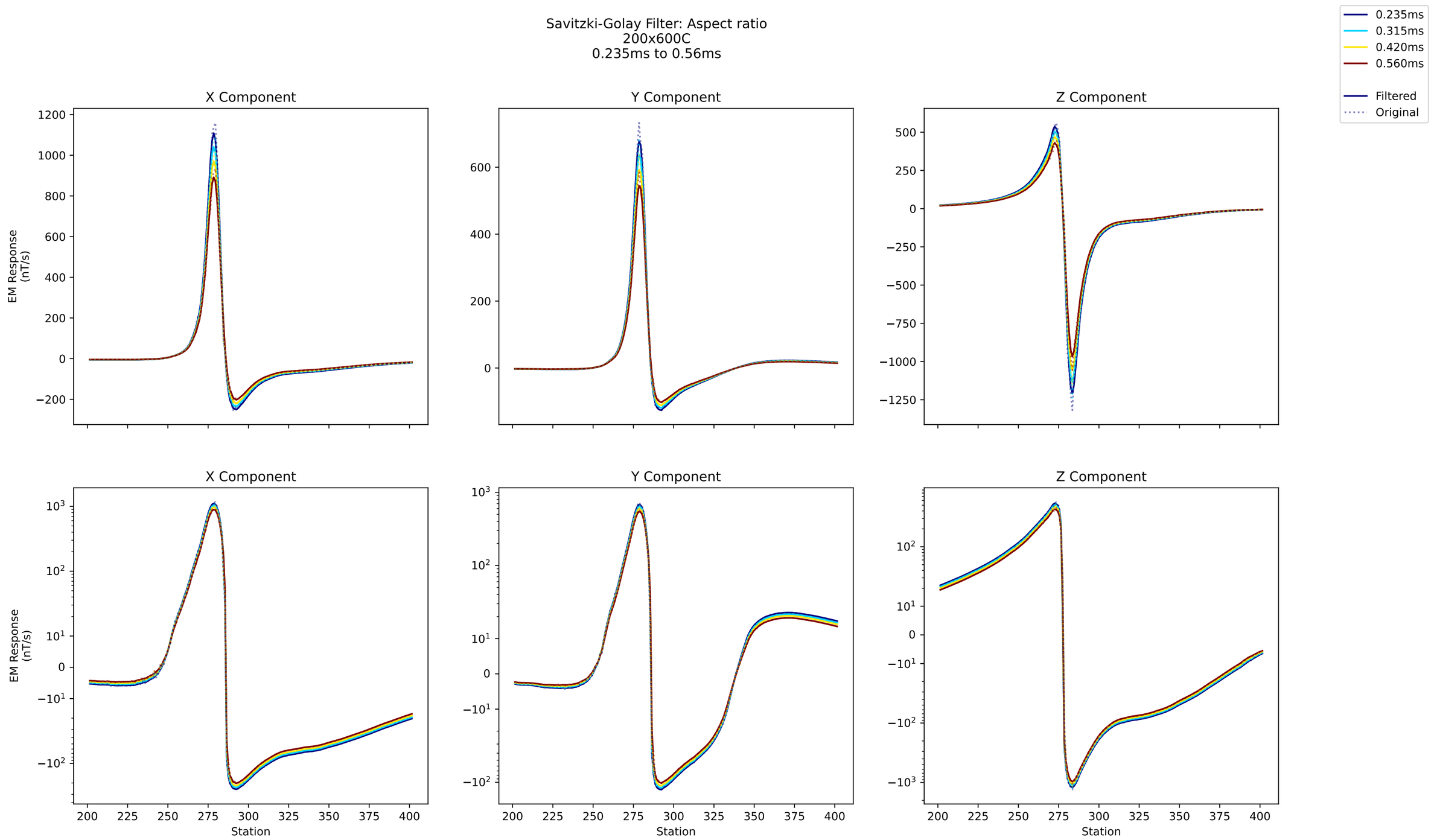

Savitzki-Golay Filter: Aspect ratio
200x600B
3.075ms to 7.205ms
3.075ms
4.085ms
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

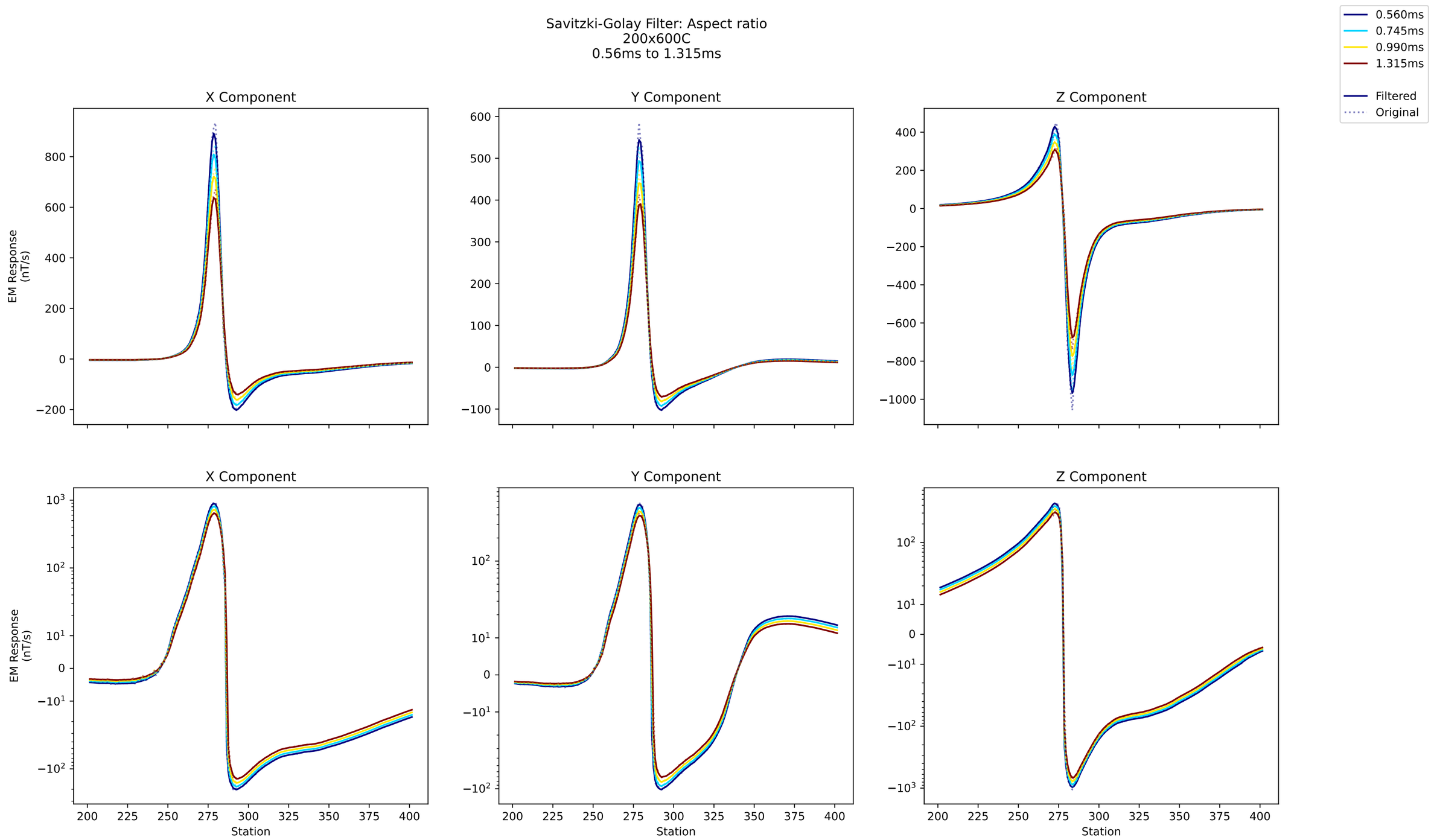

Savitzki-Golay Filter: Aspect ratio
200x600B
7.205ms to 22.73ms
7.205ms
9.570ms
12.660ms
22.730ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

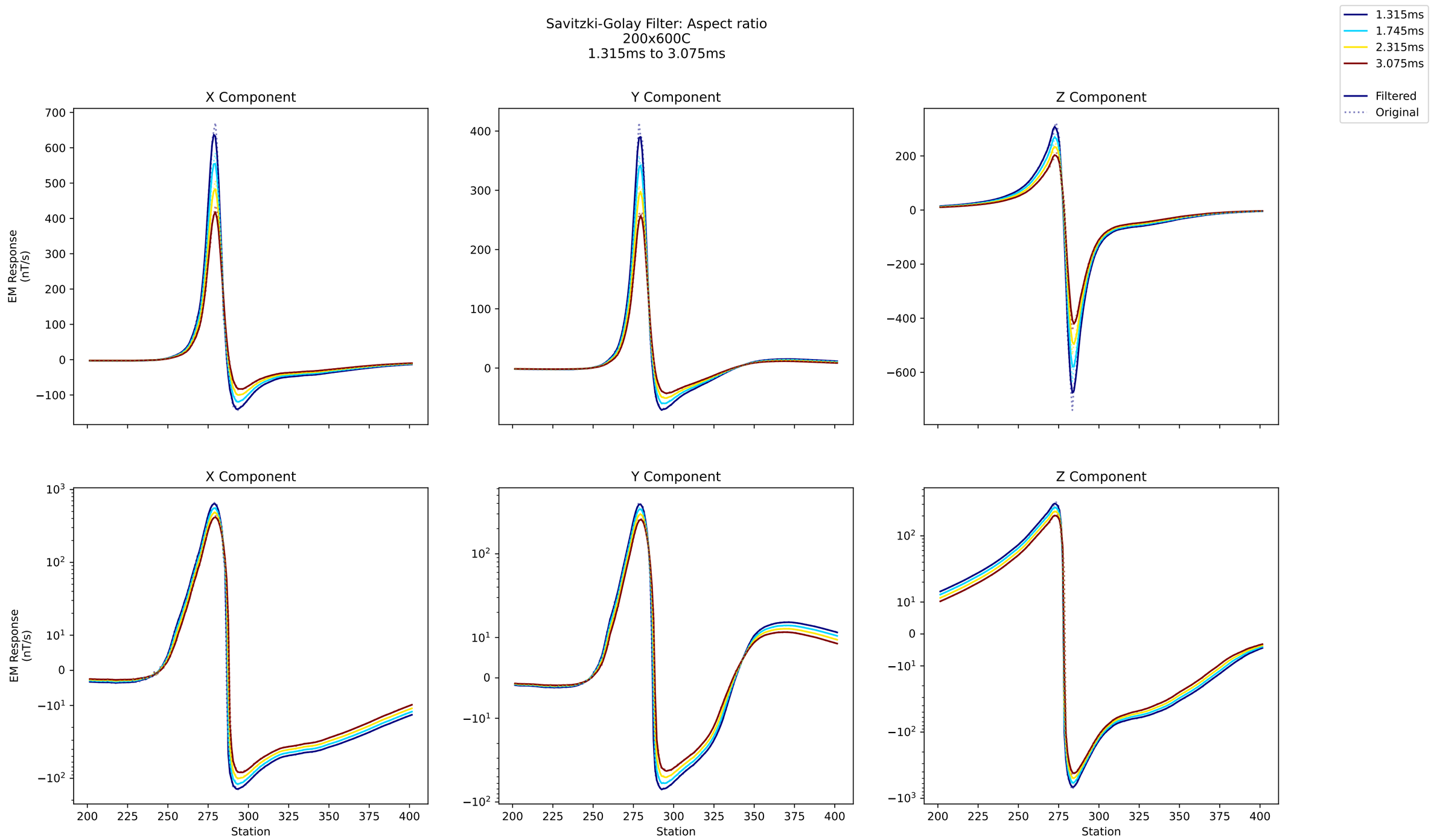

Savitzki-Golay Filter: Aspect ratio
200x600B
22.73ms to 48.115ms
22.730ms
39.395ms
48.115ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
200x600C
0.0255ms to 0.095ms
0.025ms
0.055ms
0.070ms
0.095ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
200x600C
0.095ms to 0.235ms
0.095ms
0.130ms
0.175ms
0.235ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
200x600C
0.235ms to 0.56ms
0.235ms
0.315ms
0.420ms
0.560ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
200x600C
0.56ms to 1.315ms
0.560ms
0.745ms
0.990ms
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station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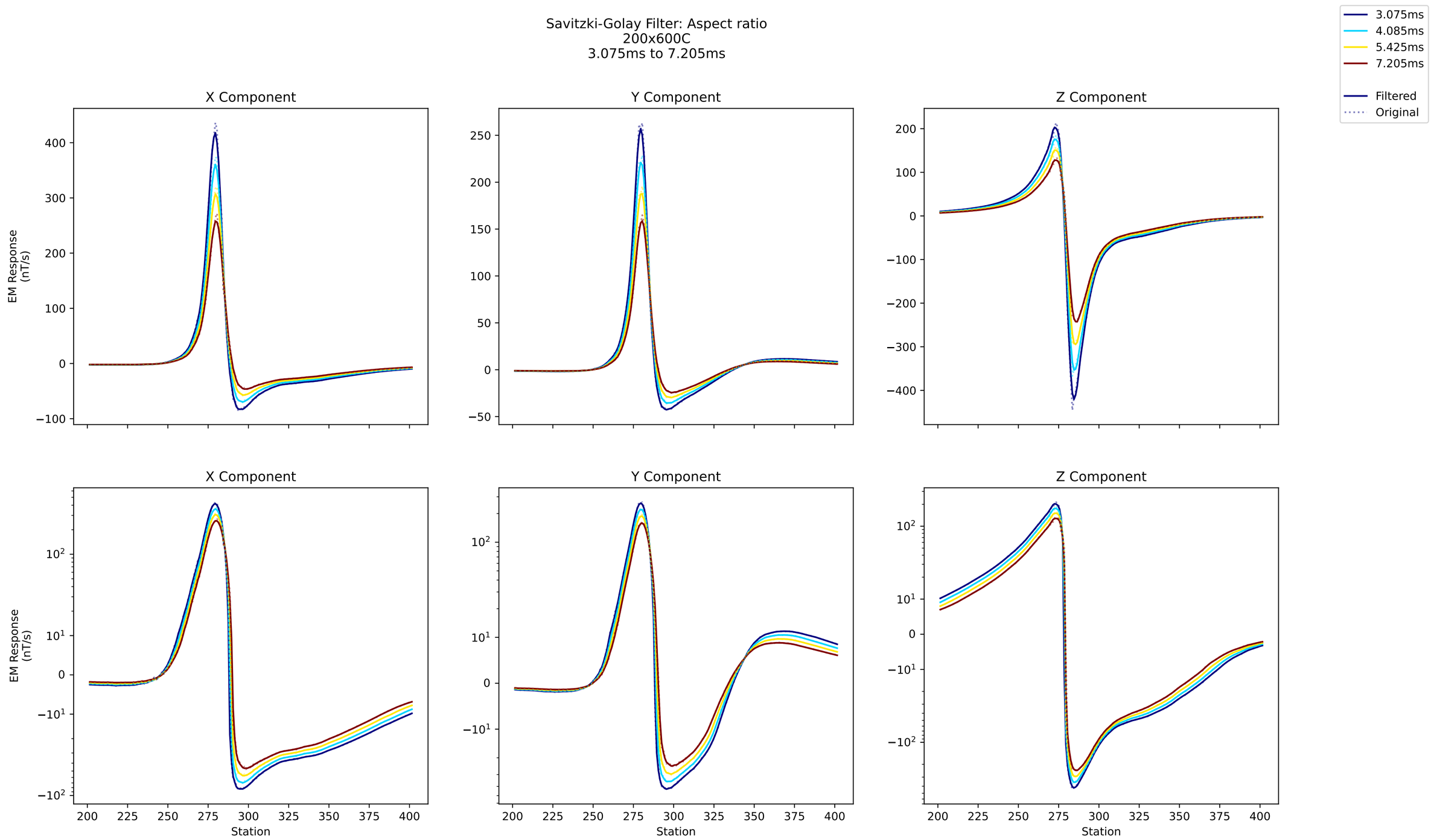
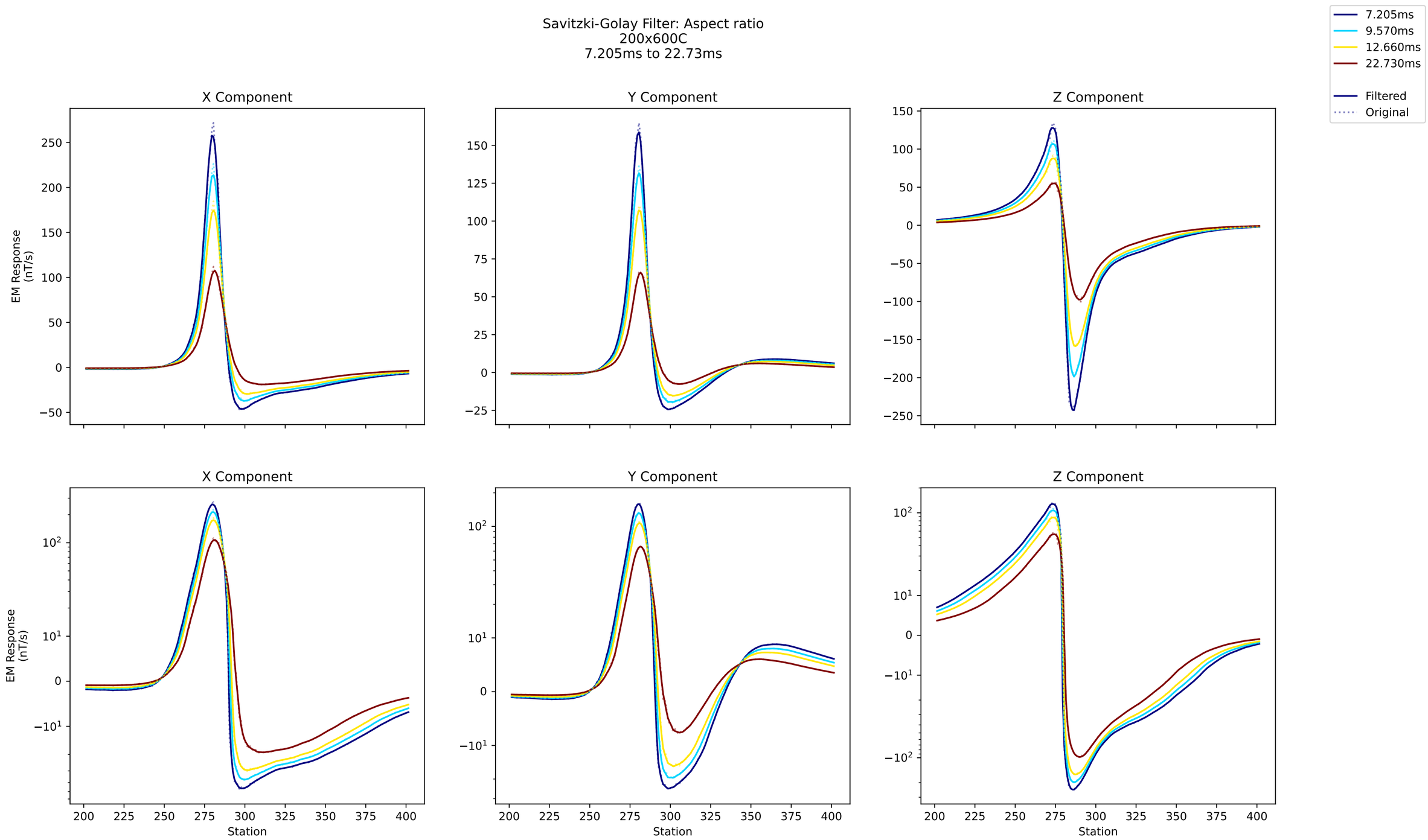
200x600C
1.315ms to 3.075ms
1.315ms
1.745ms
2.315ms
3.075ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
200x600C
3.075ms to 7.205ms
3.075ms
4.085ms
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
200x600C
7.205ms to 22.73ms
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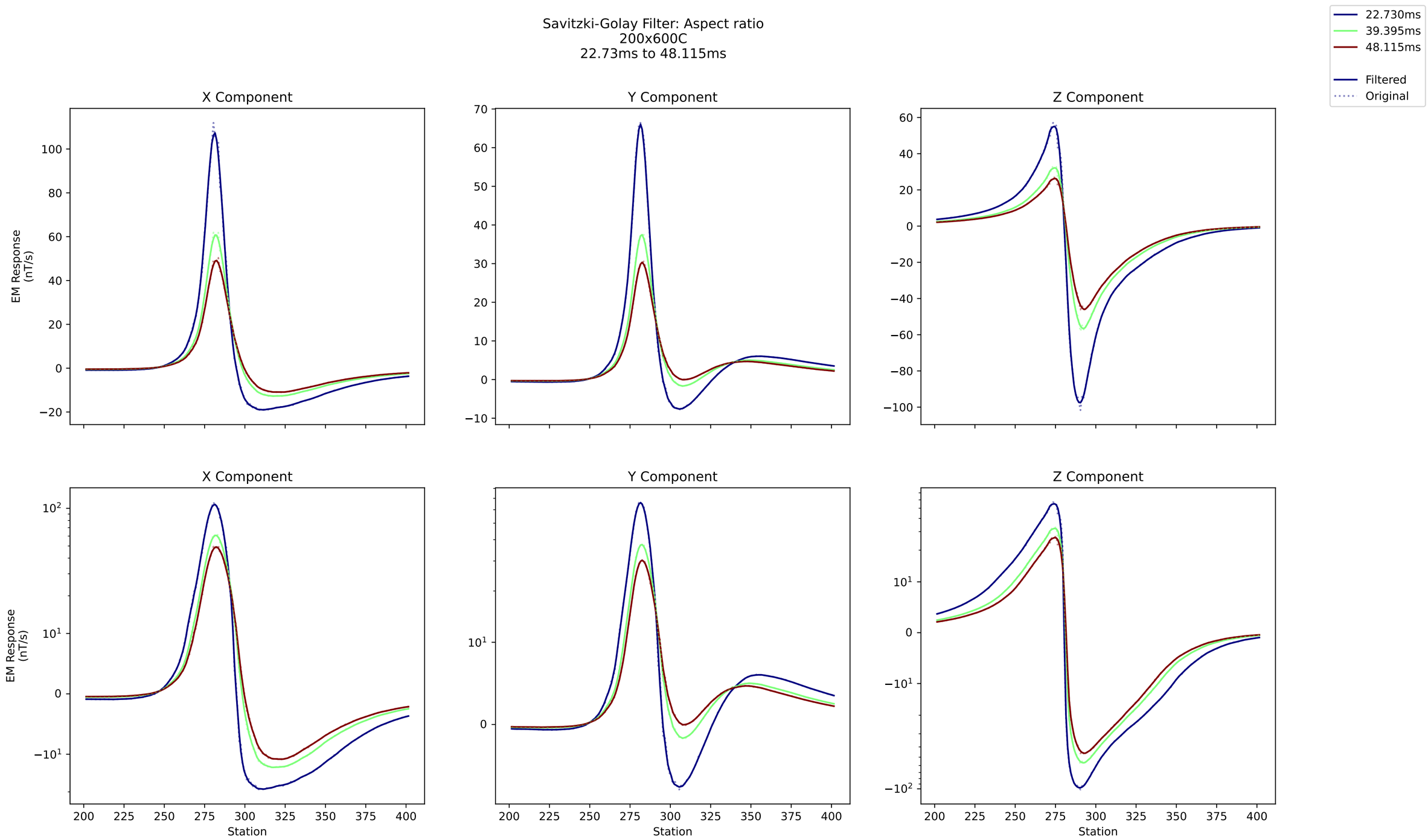
9.570ms
12.660ms
22.730ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
200x600C
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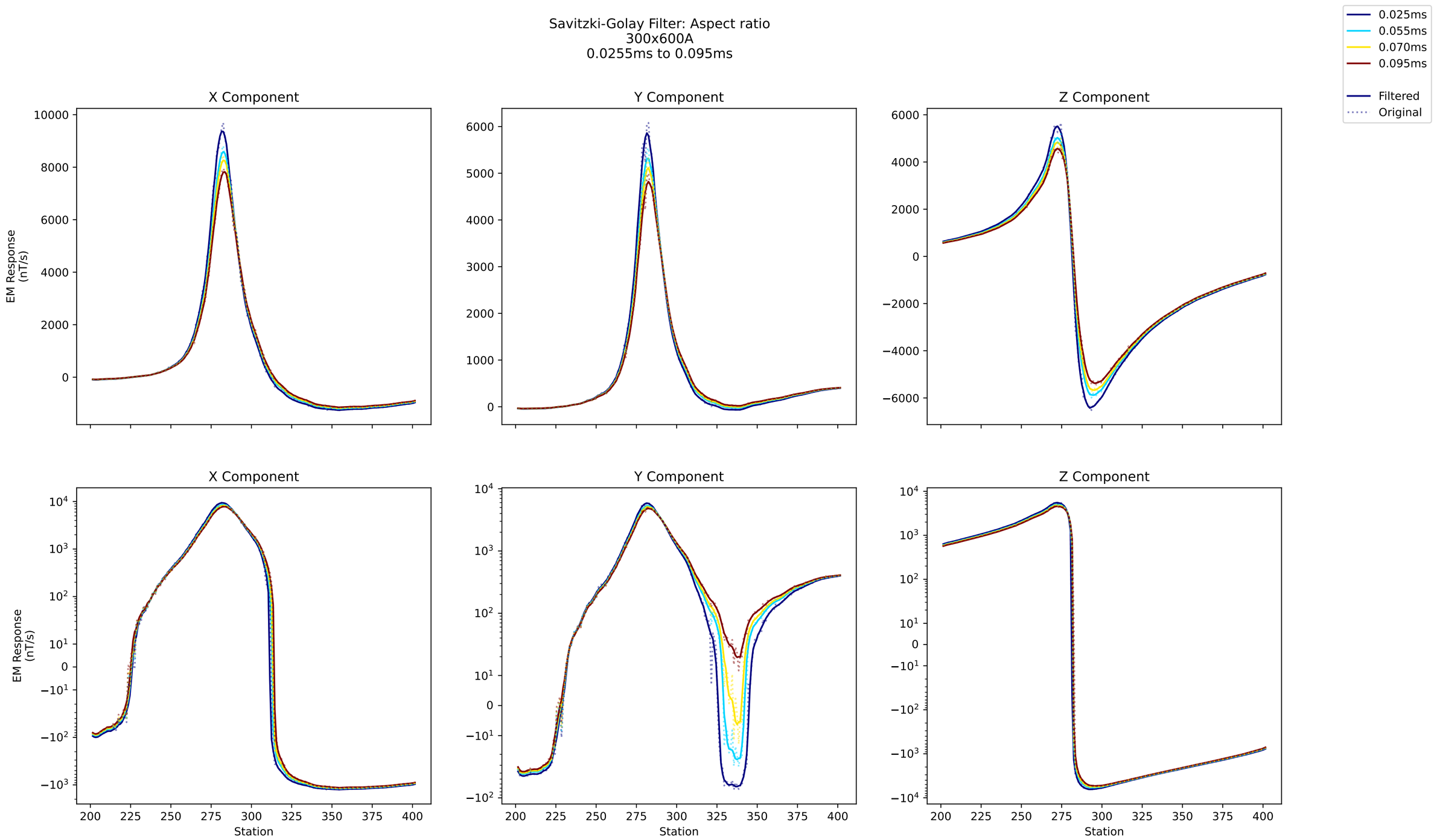
22.730ms
39.395ms
48.115ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station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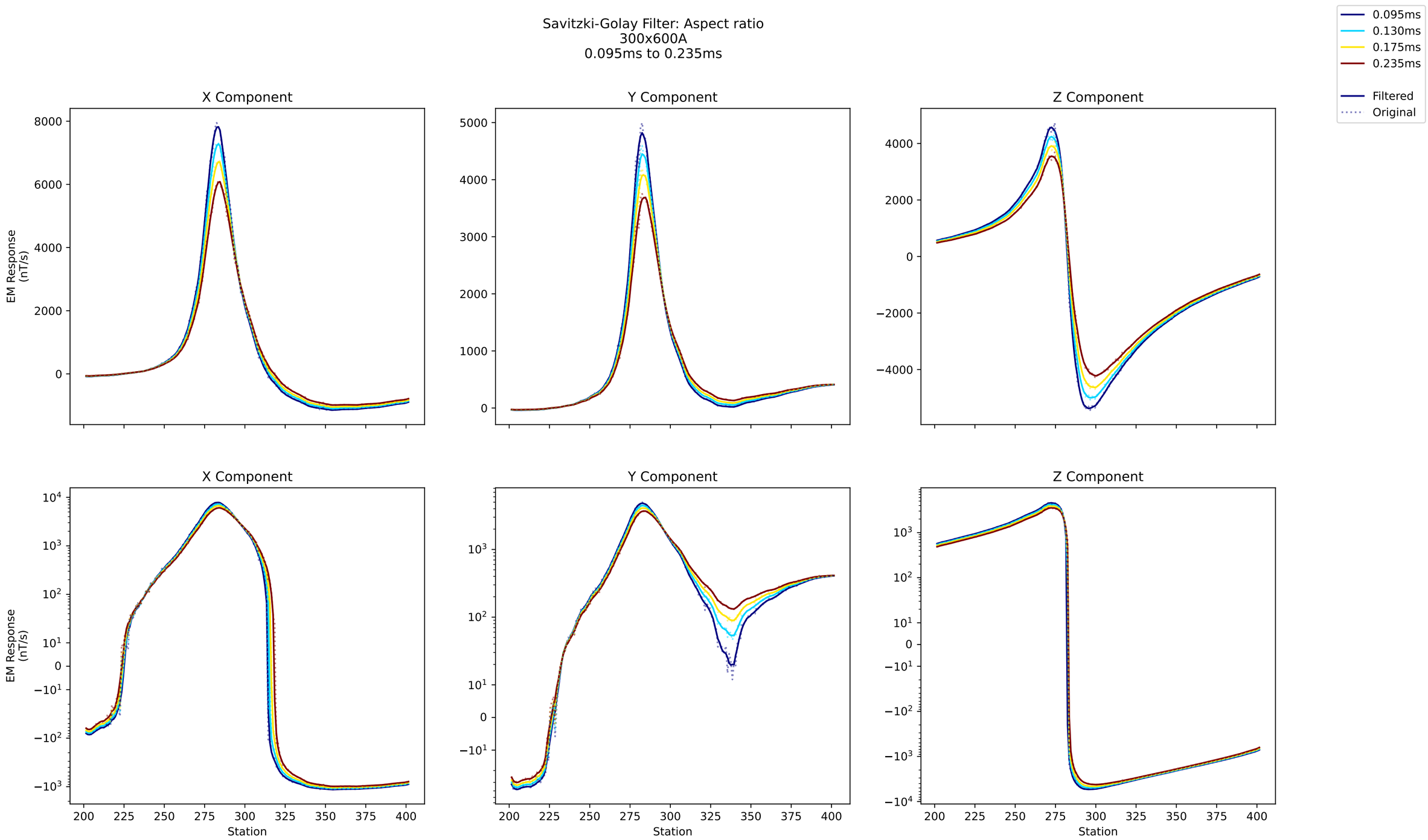
0.095ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
300x600A
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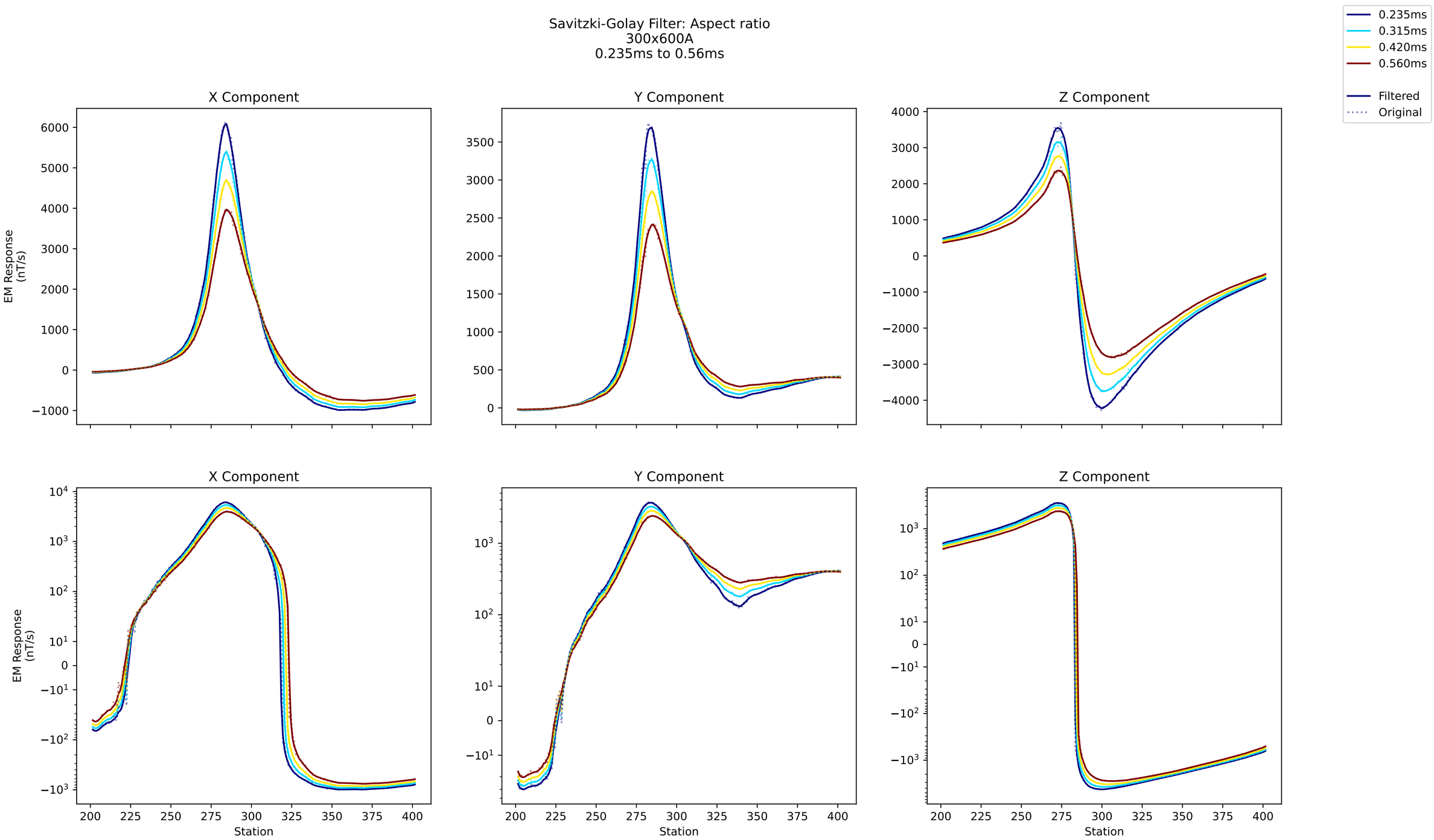
0.235ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station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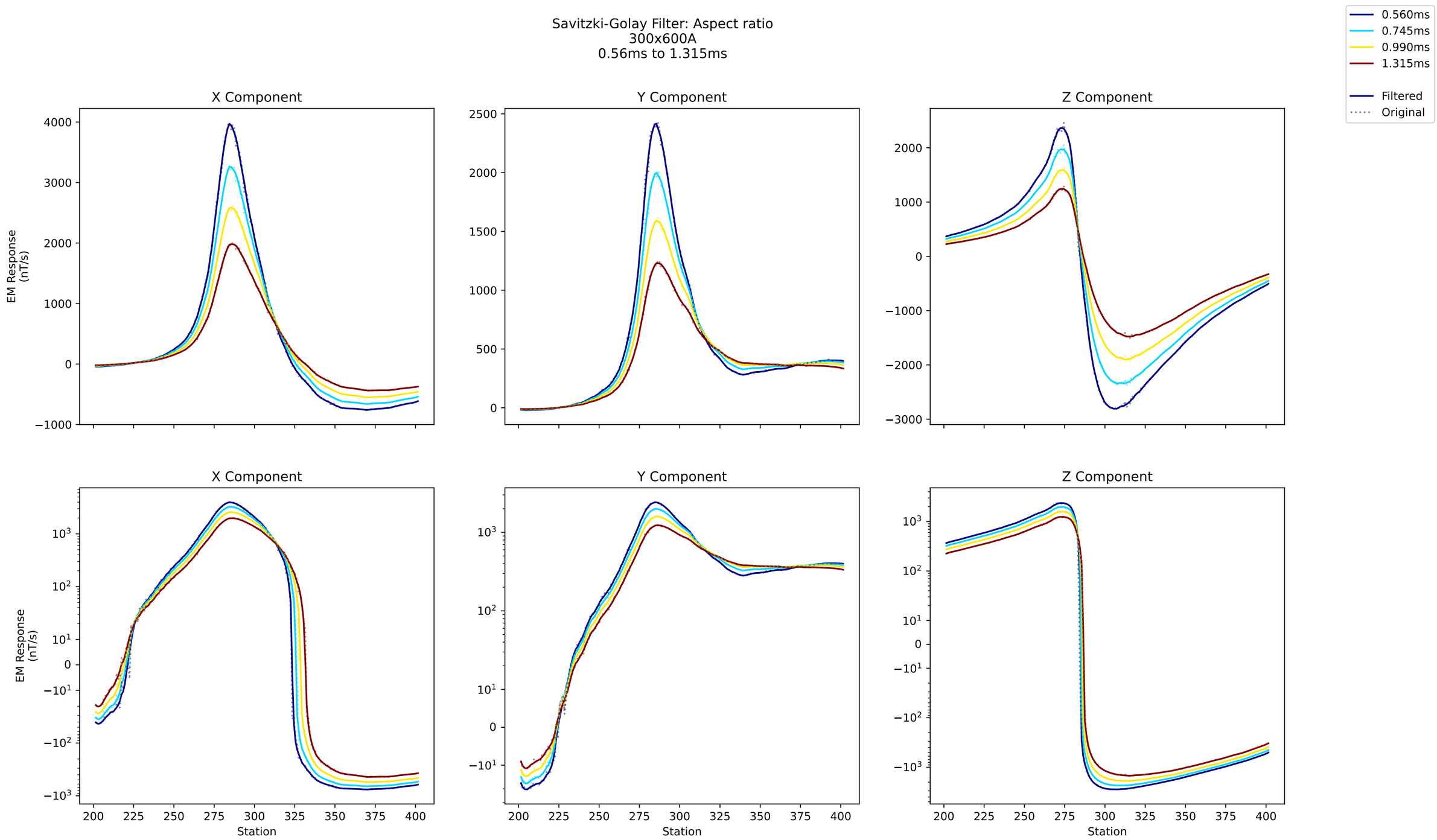
0.420ms
0.560ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
300x600A
0.56ms to 1.315ms
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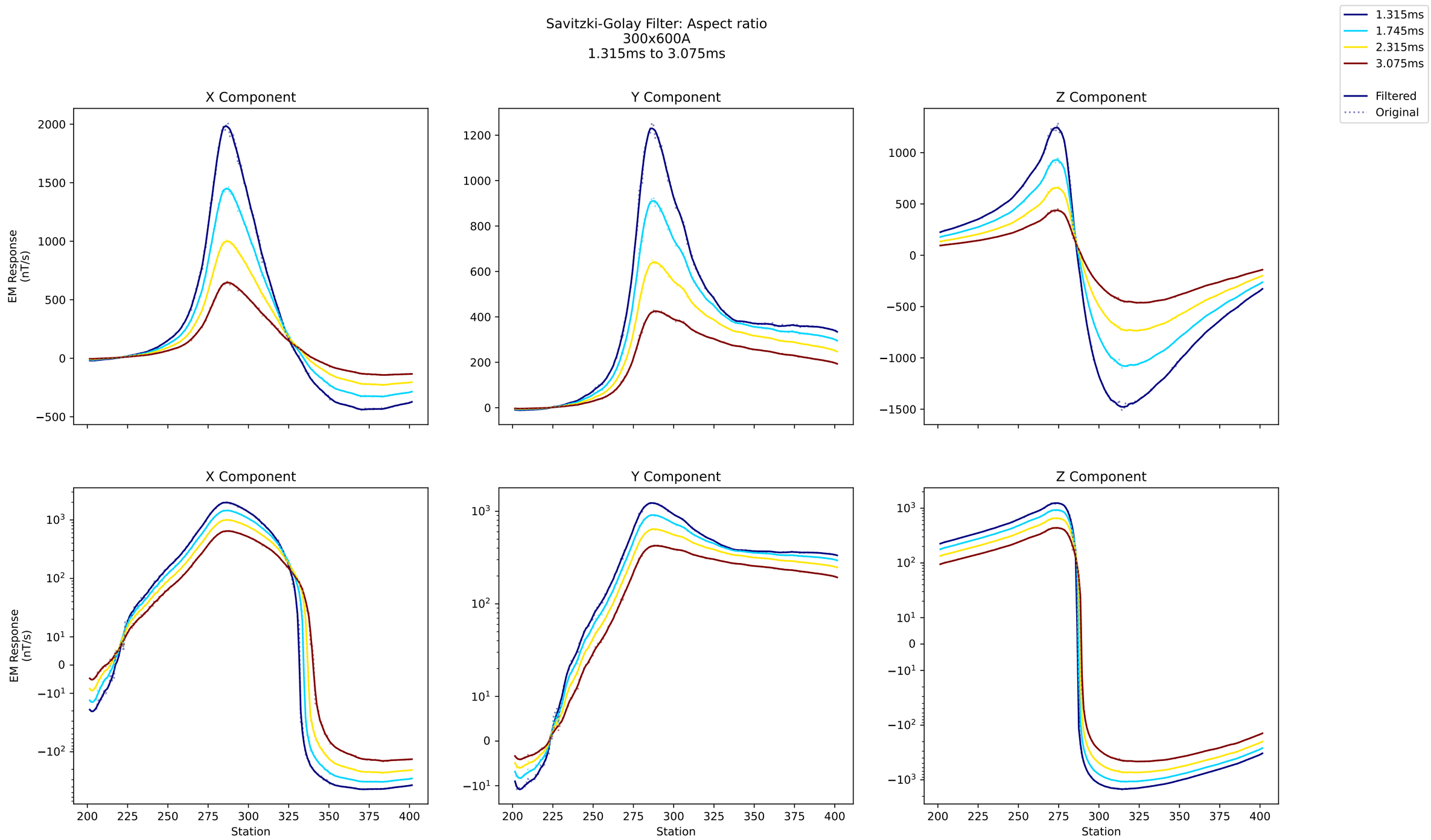
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
300x600A
1.315ms to 3.075ms
1.315ms
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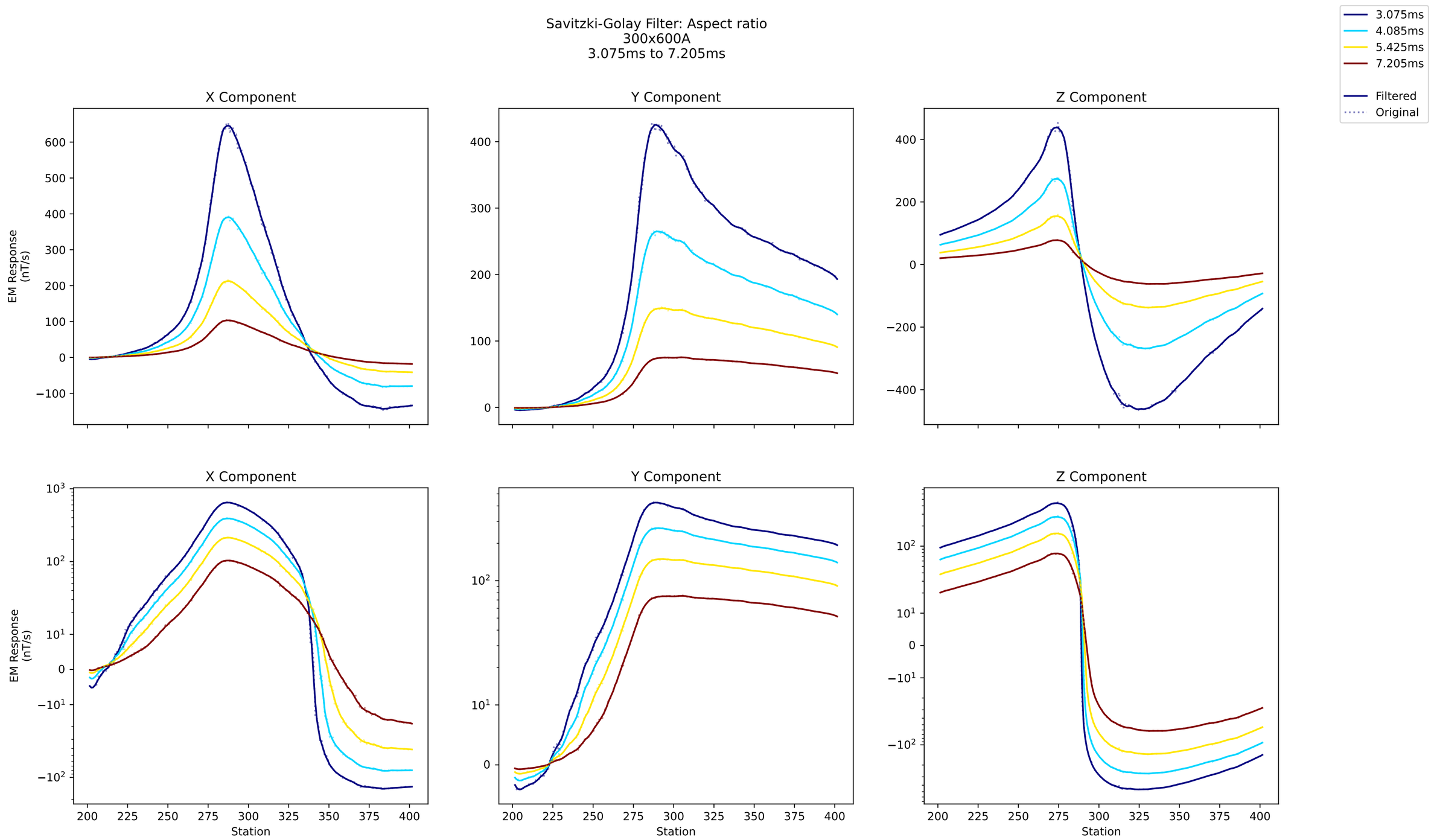
2.315ms
3.075ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
300x600A
3.075ms to 7.205ms
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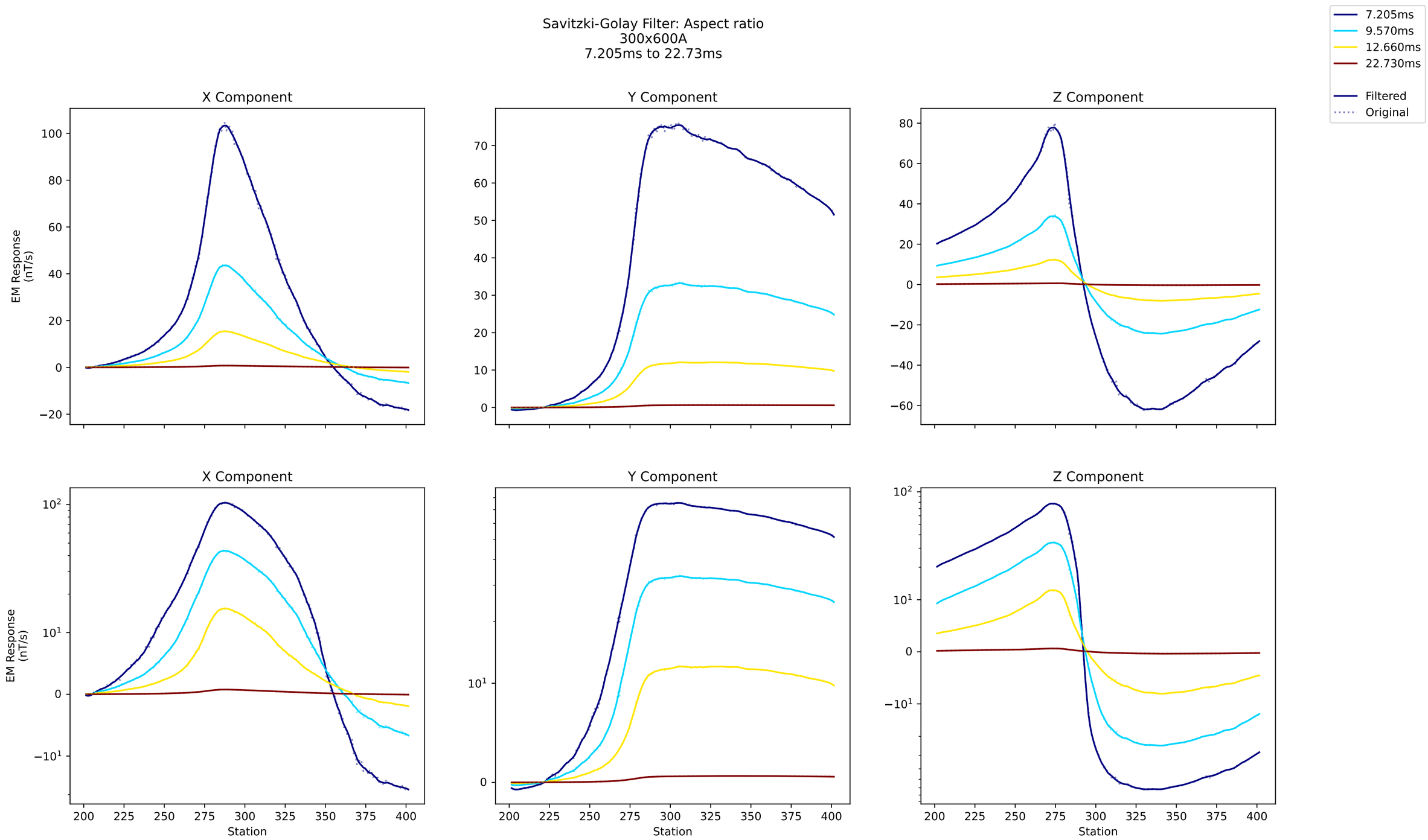
7.205ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station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300x600A
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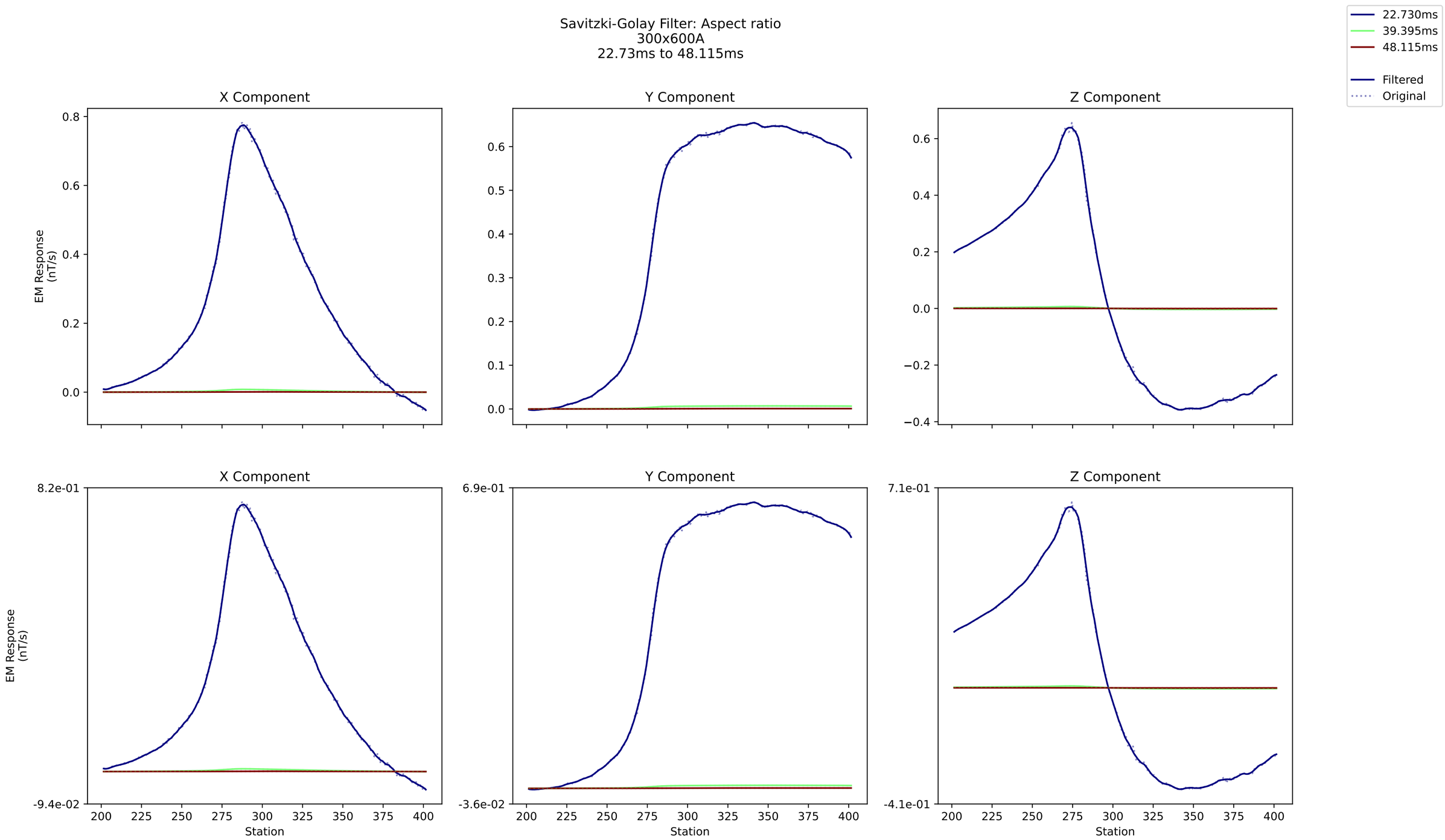
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
300x600A
22.73ms to 48.115ms
22.730ms
39.395ms
48.115ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station
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-9.4e-02
6.9e-01
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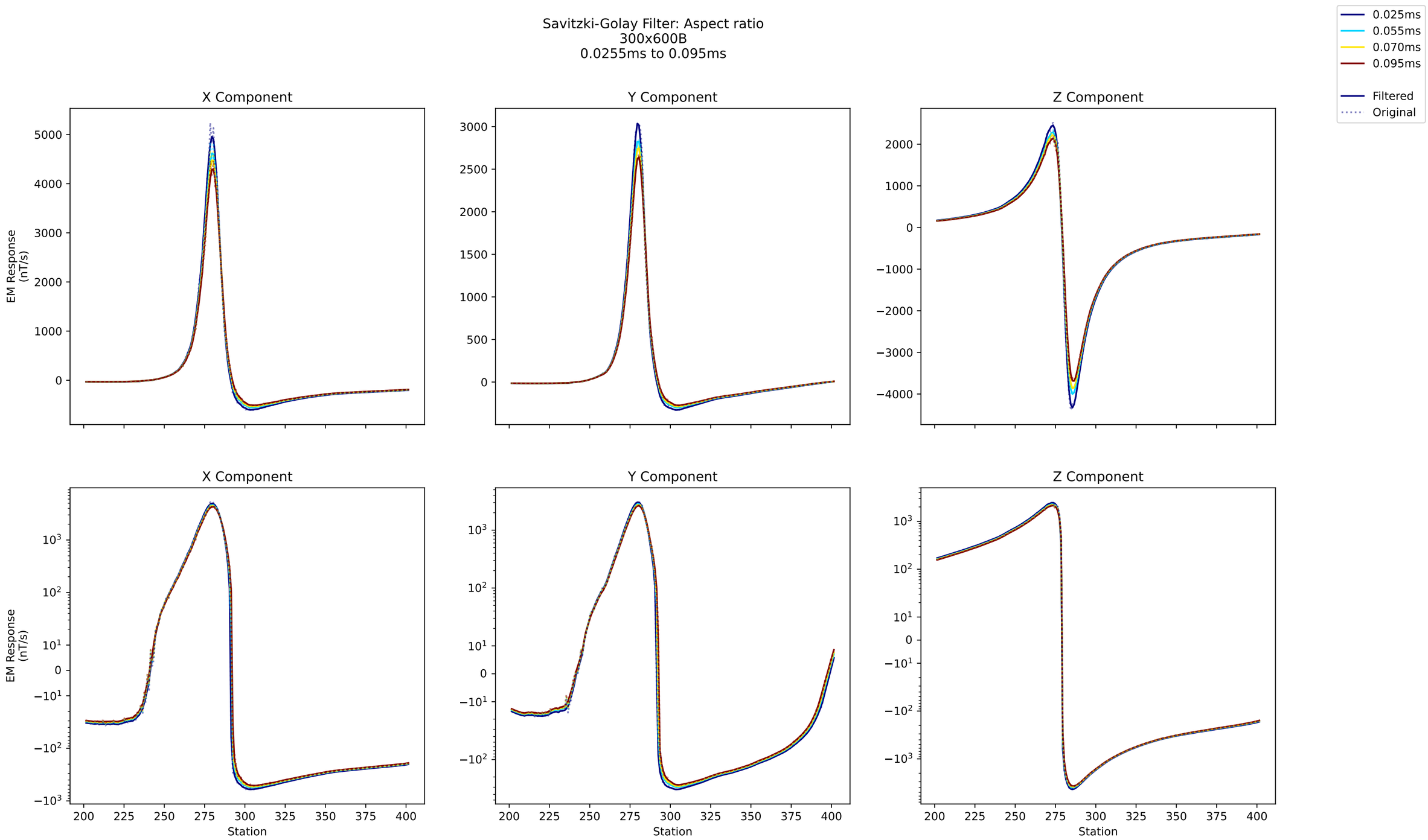
7.1e-01
-4.1e-01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Original
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Y Component
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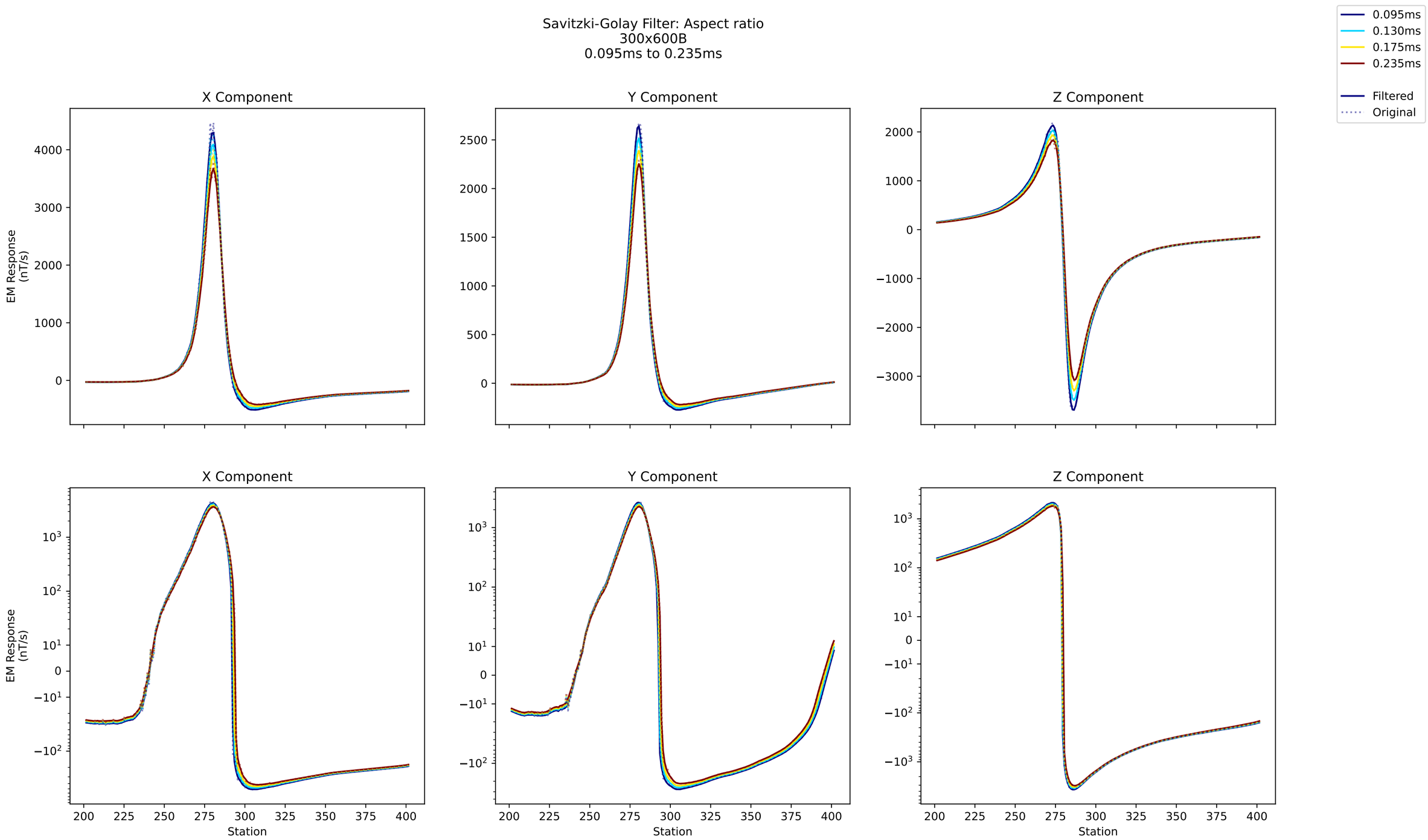
EM Response
(nT/s)
Station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Y Component
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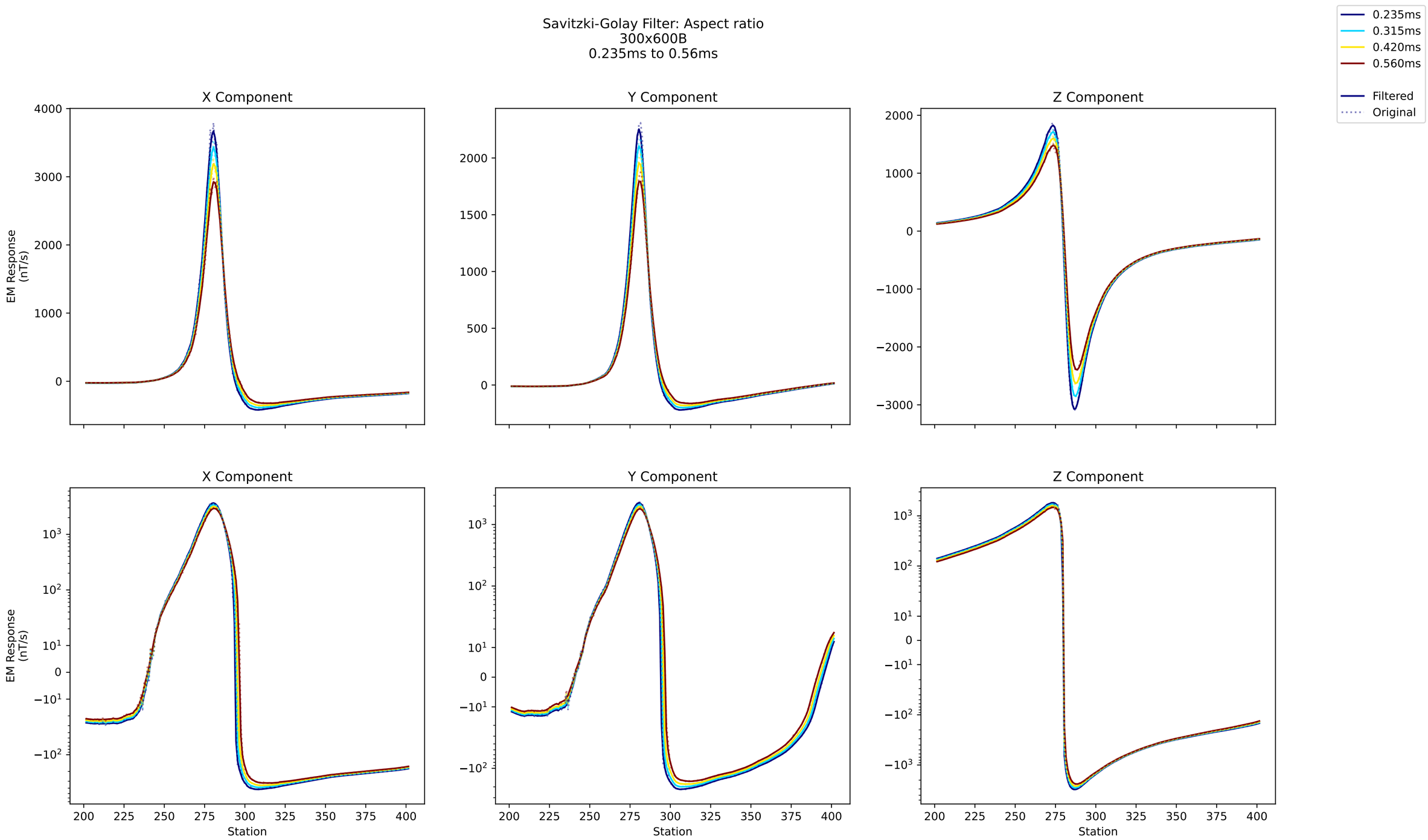
EM Response
(nT/s)
Station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Filtered
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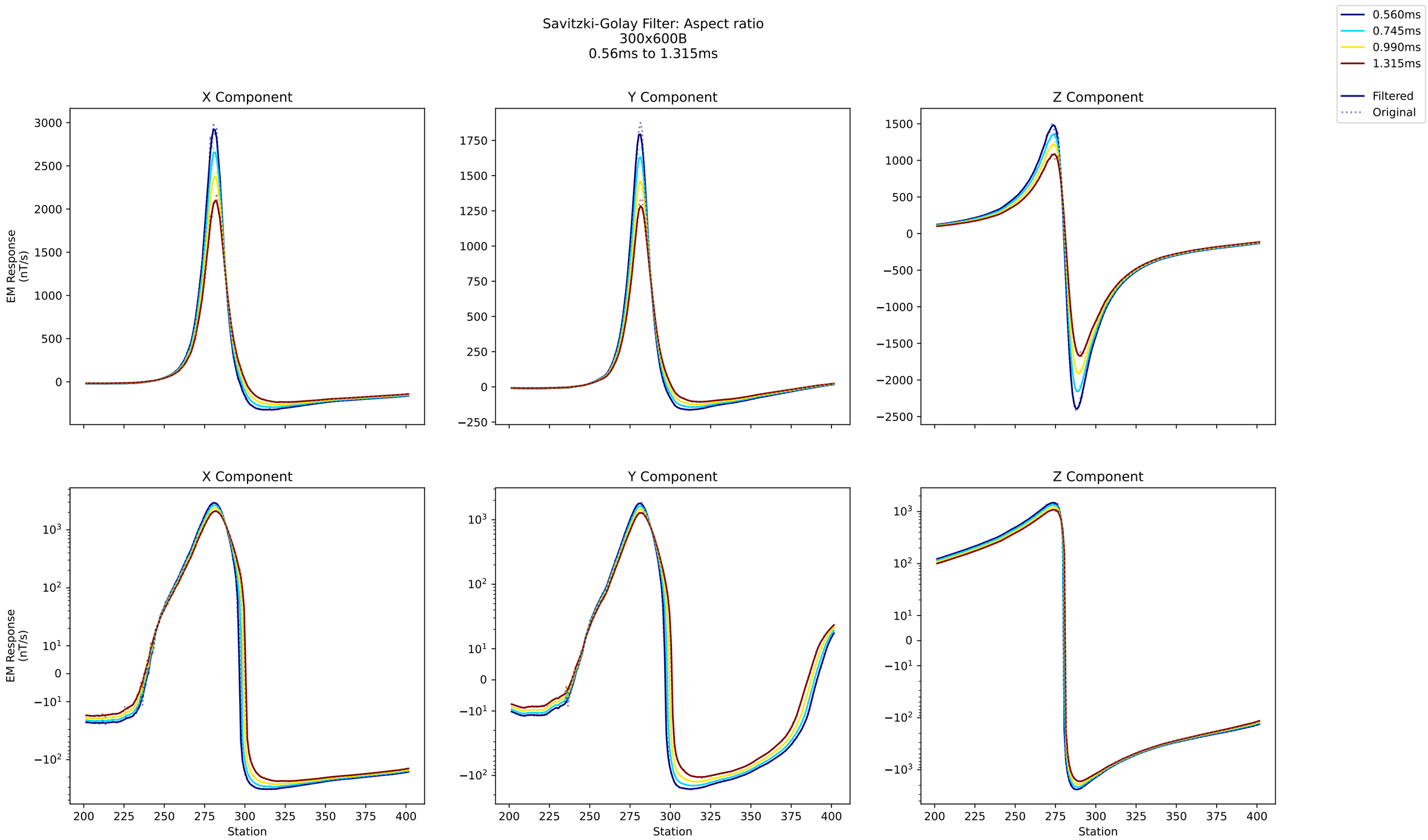
Y Component
Z Component
EM Response
(nT/s)
Station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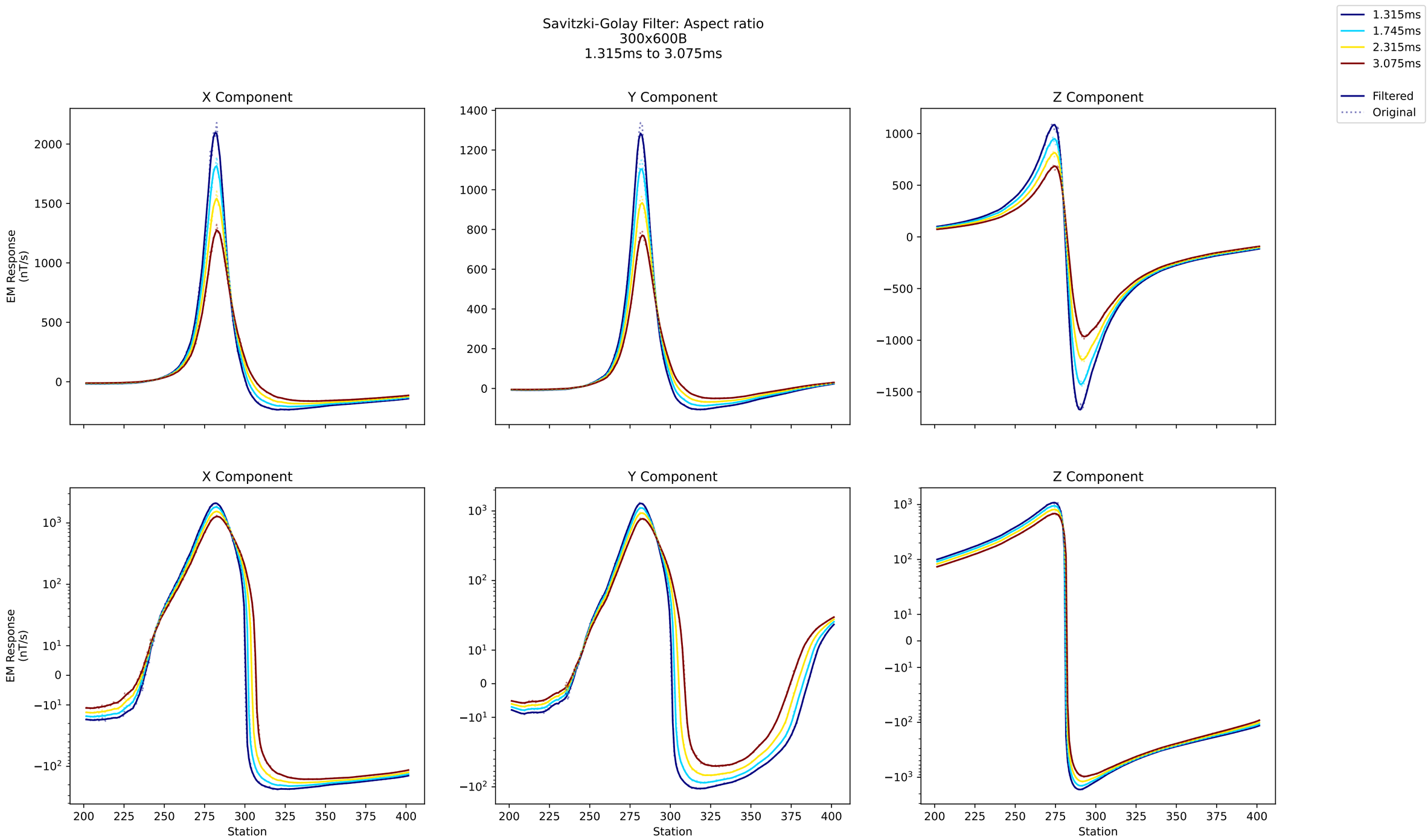
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station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Filtered
Original
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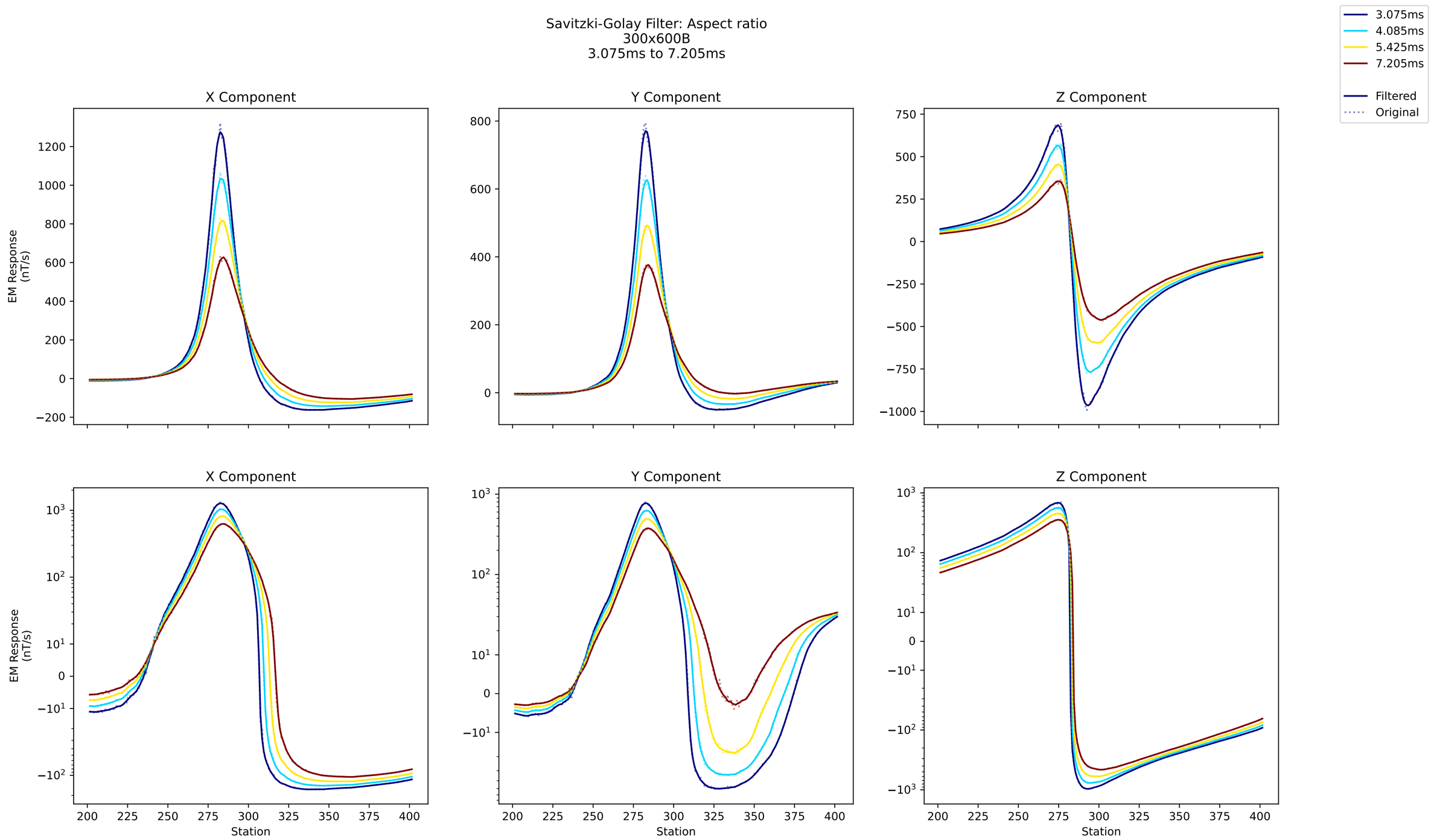
Y Component
Z Component
EM Response
(nT/s)
Station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Filtered
Original
X Component
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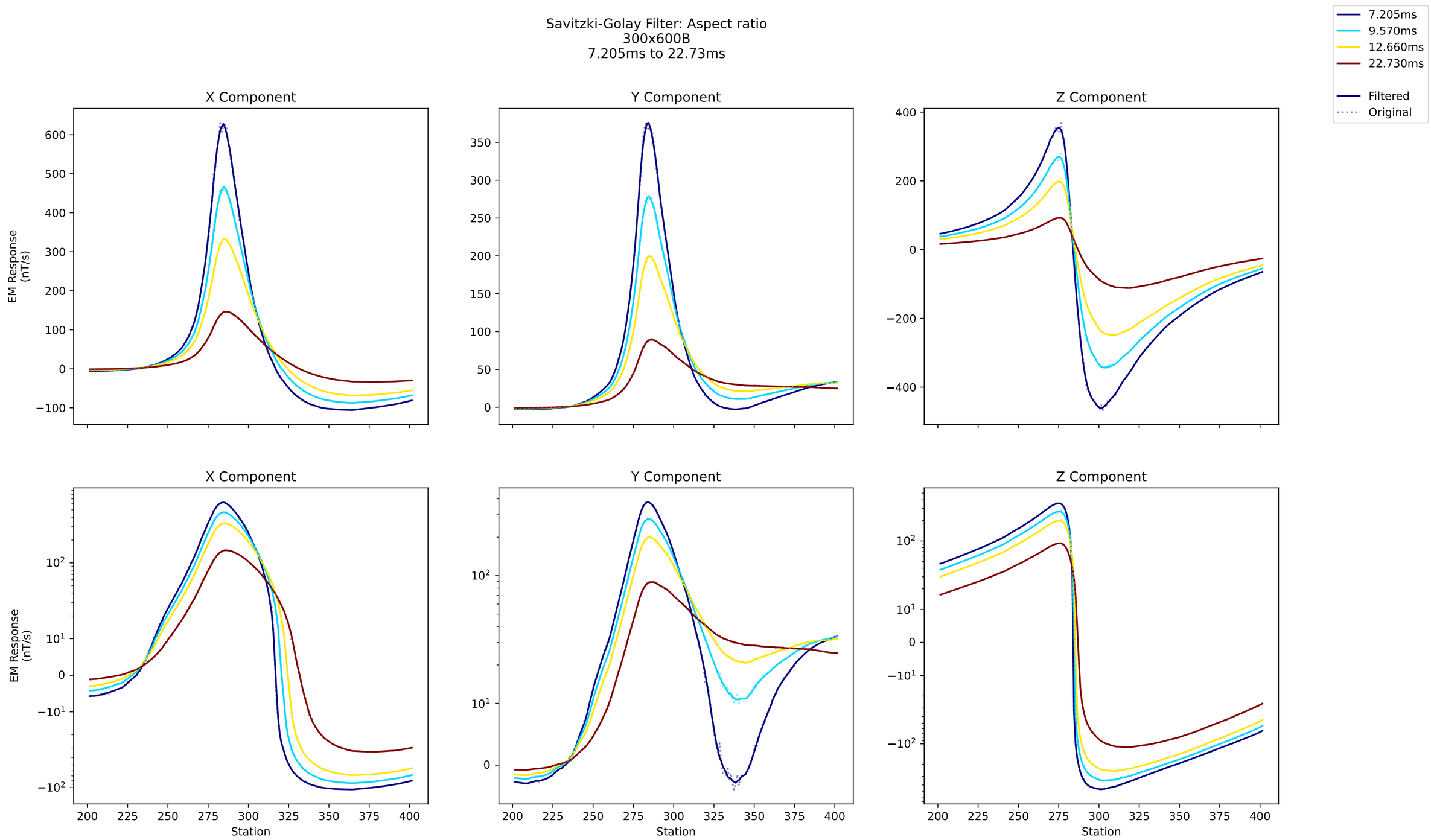
Z Component
EM Response
(nT/s)
Station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300x600B
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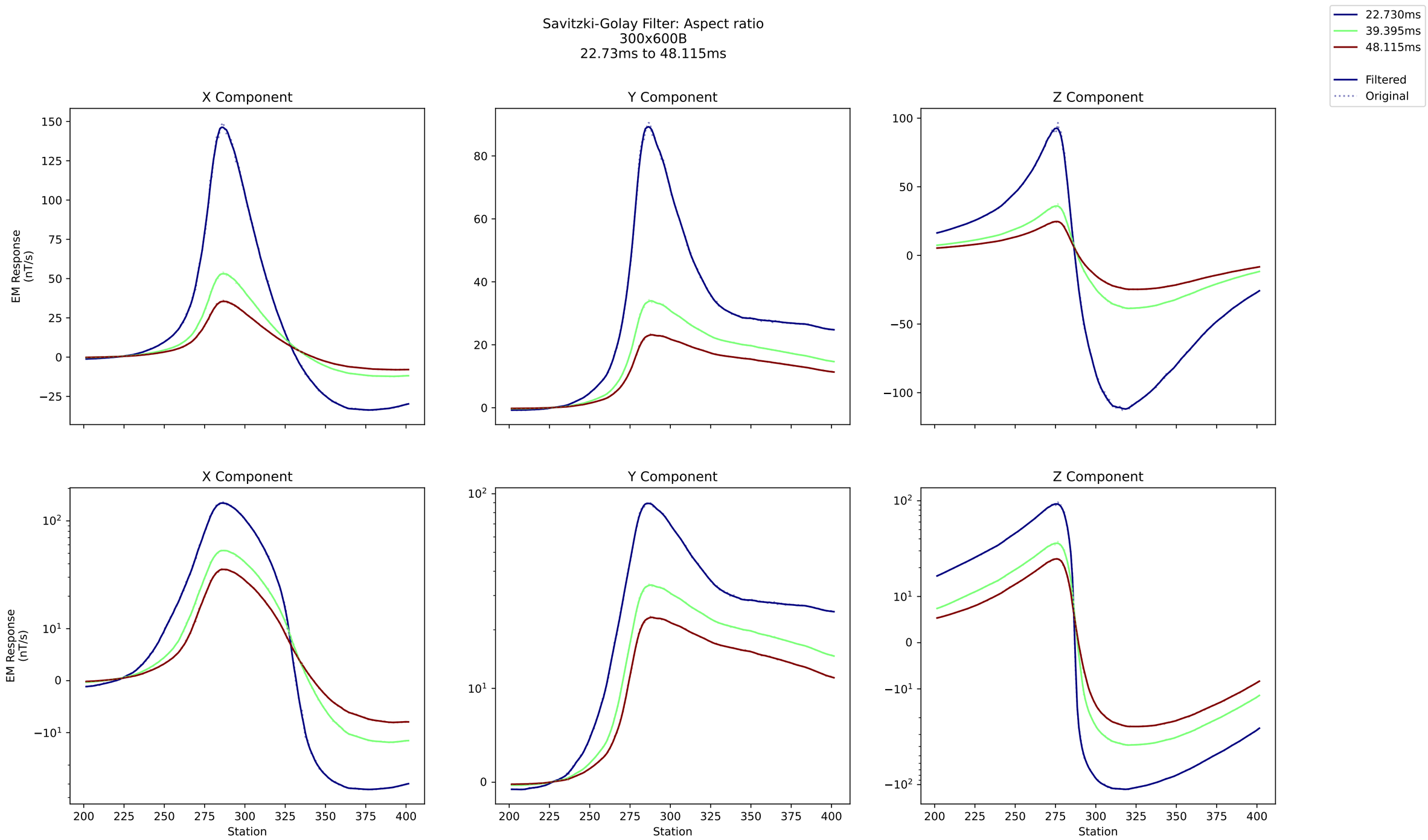
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
300x600B
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Filtered
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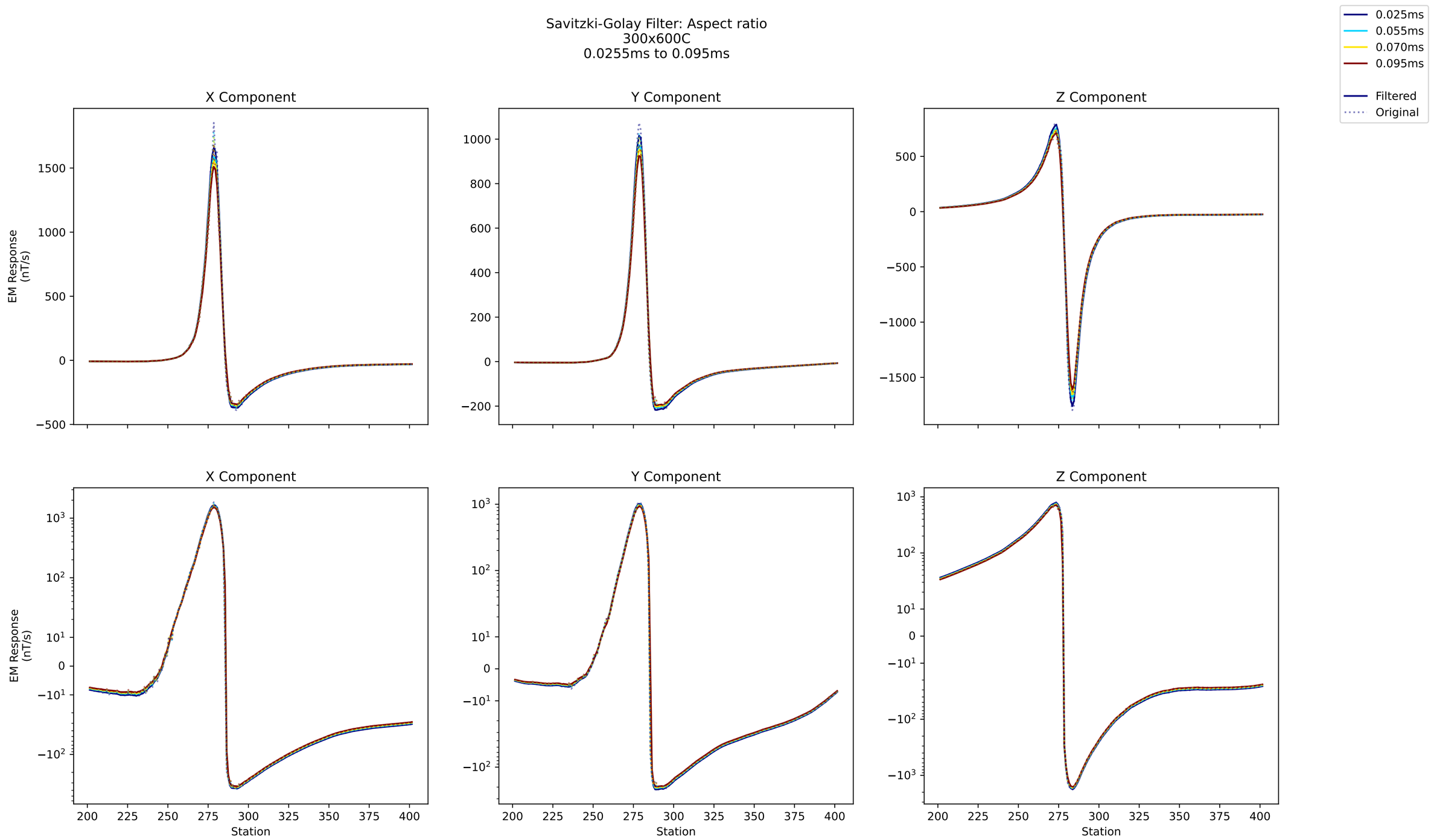
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
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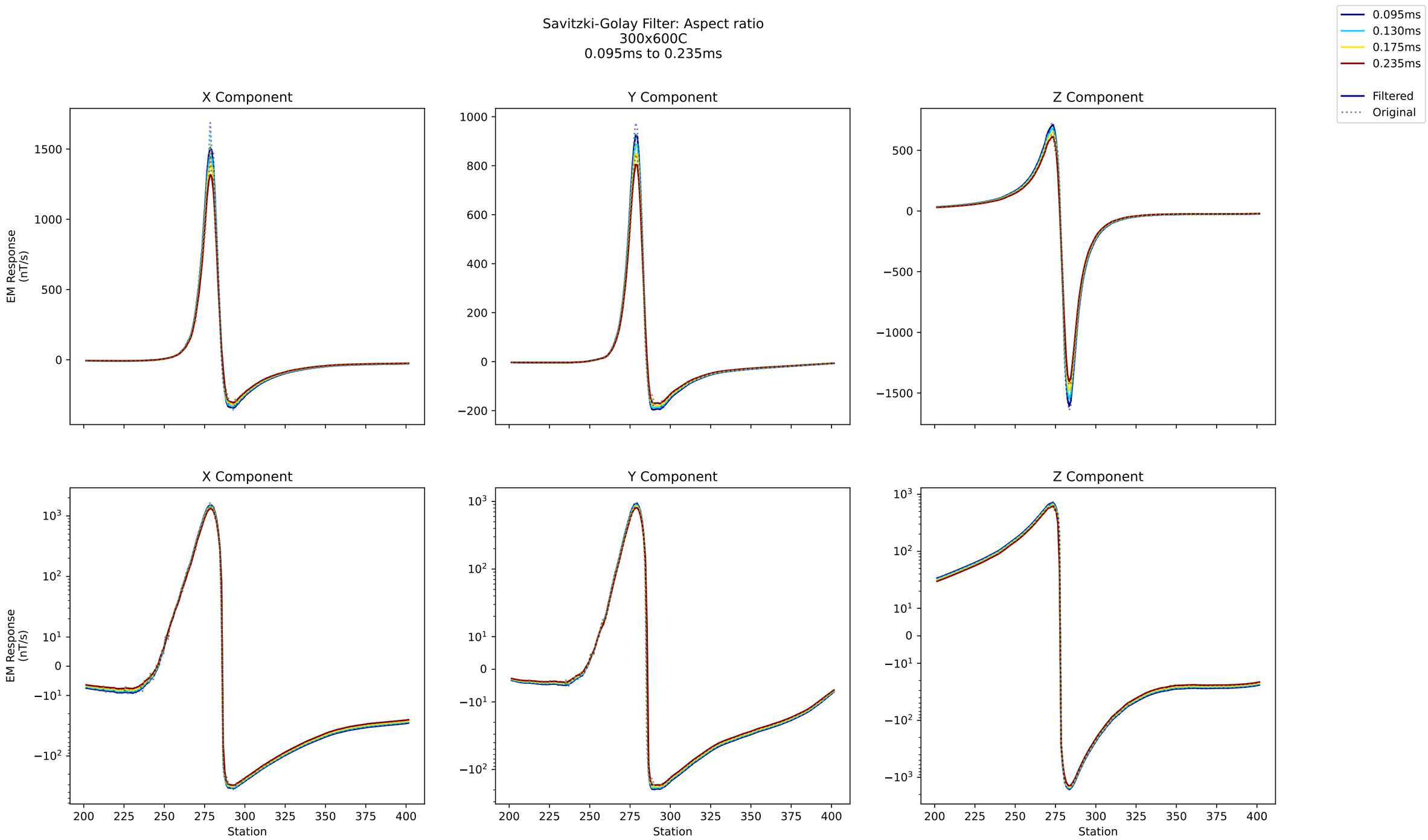
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station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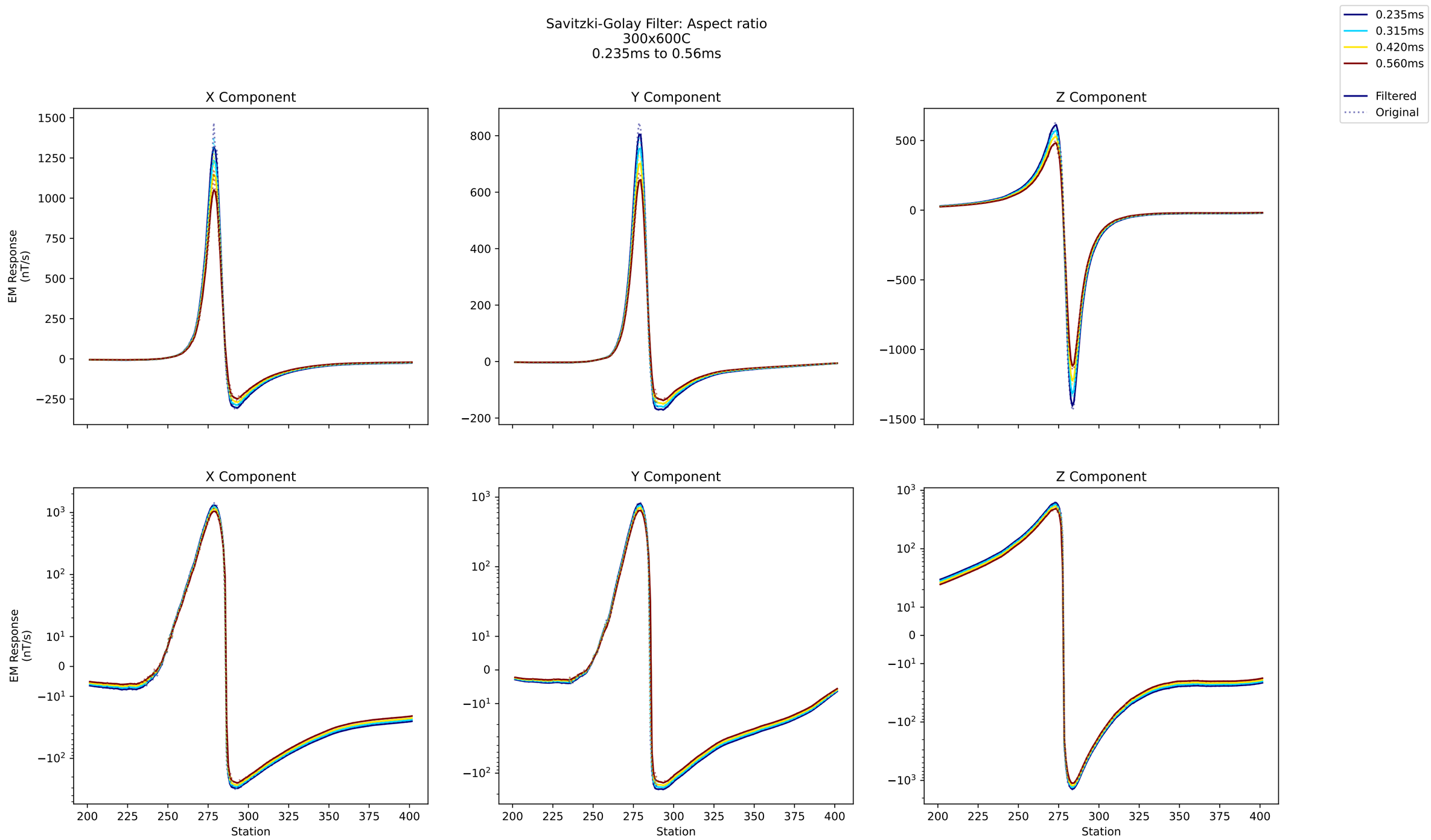
Y Component
Z Component
EM Response
(nT/s)
Station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Original
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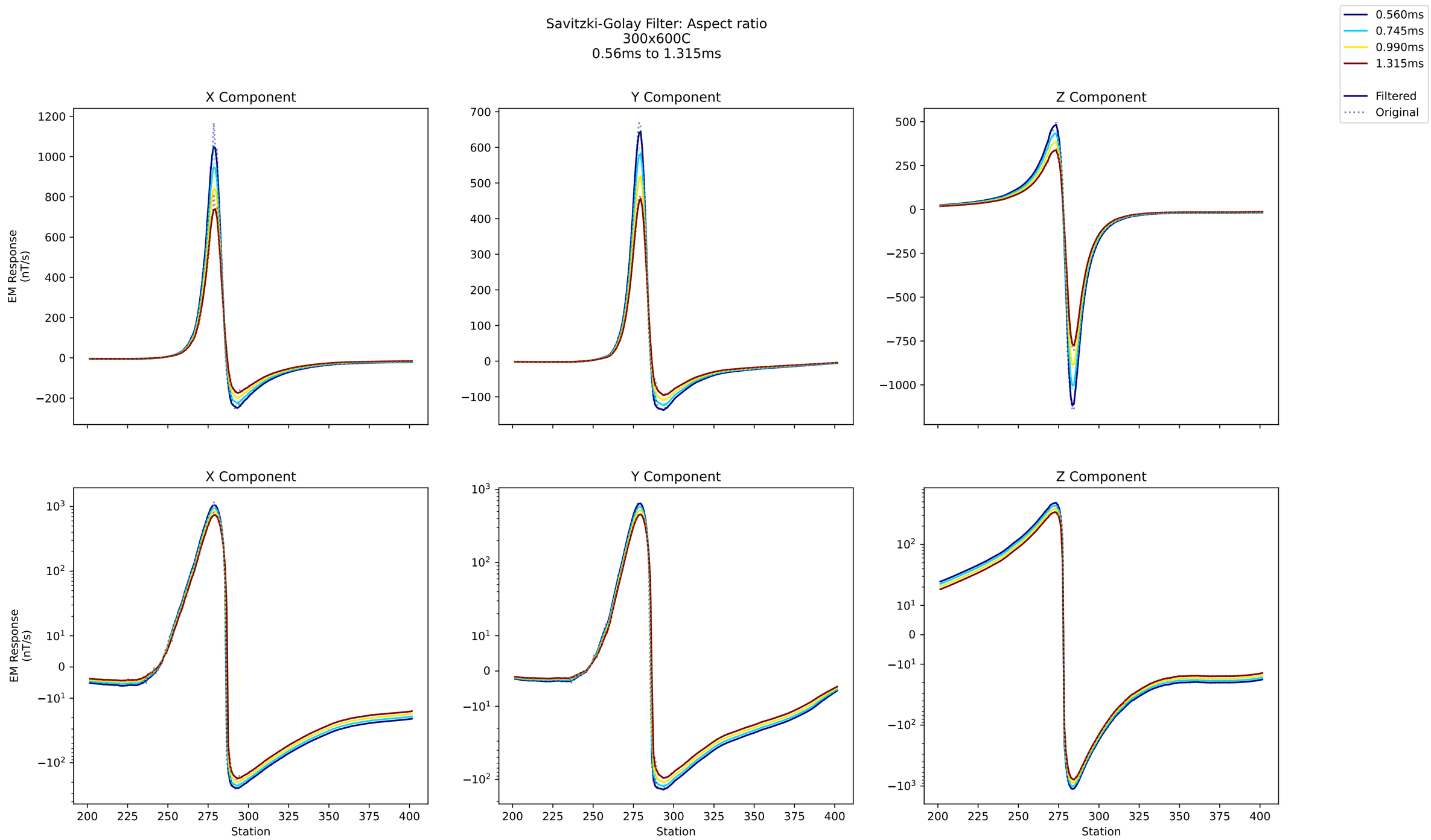
Y Component
Z Component
EM Response
(nT/s)
Station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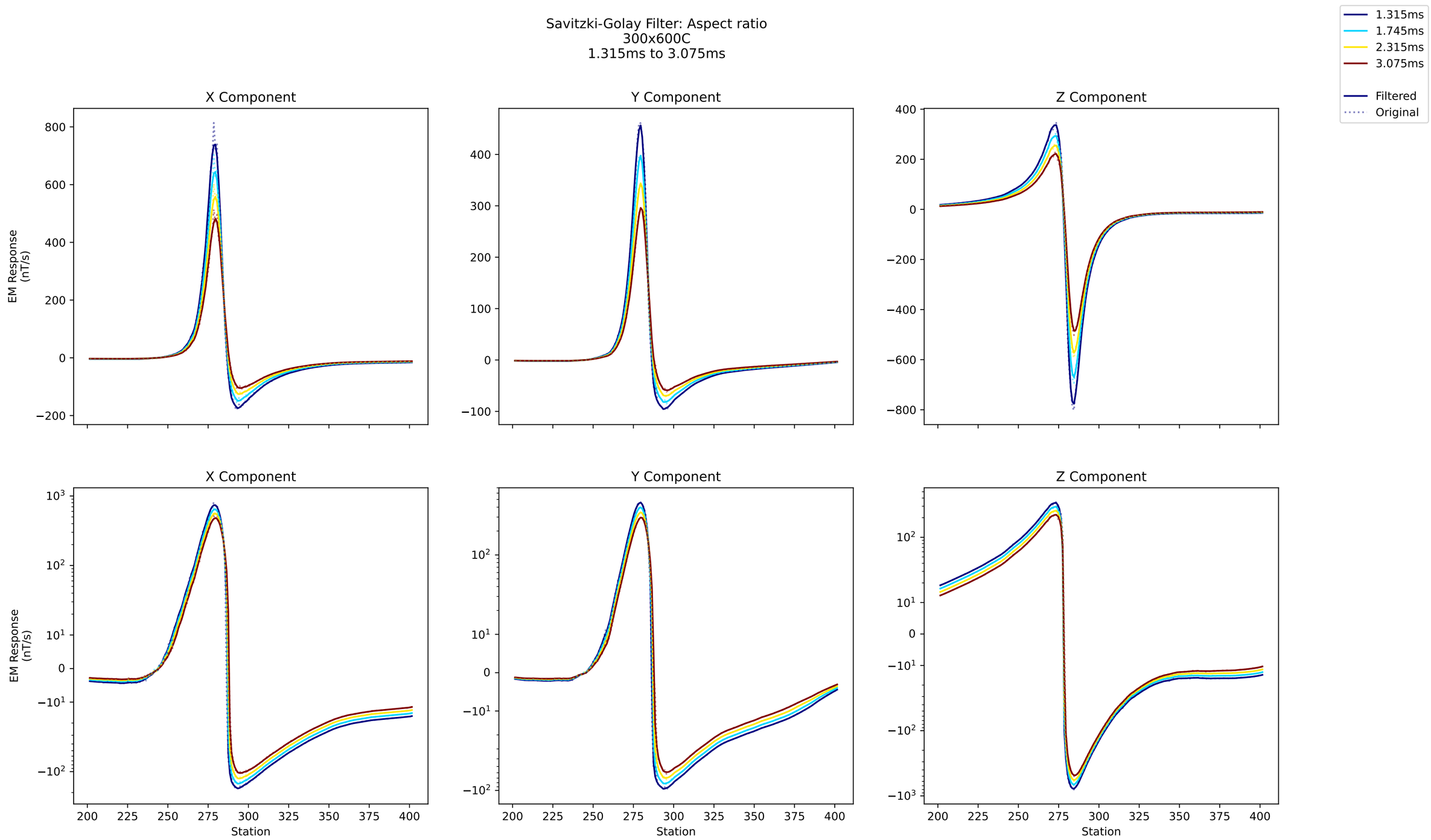
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
300x600C
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Filtered
Original
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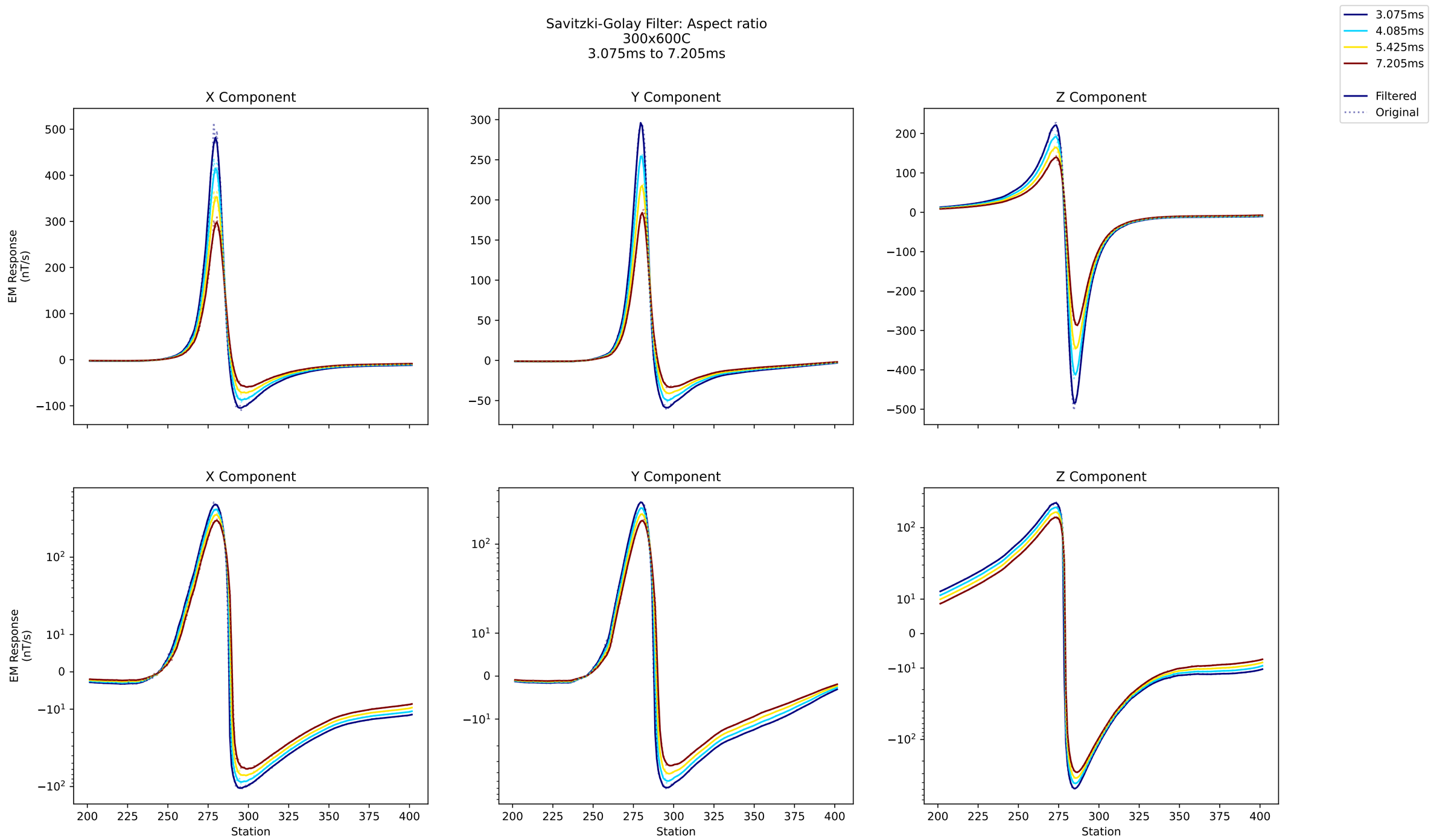
Y Component
Z Component
EM Response
(nT/s)
Station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300x600C
3.075ms to 7.205ms
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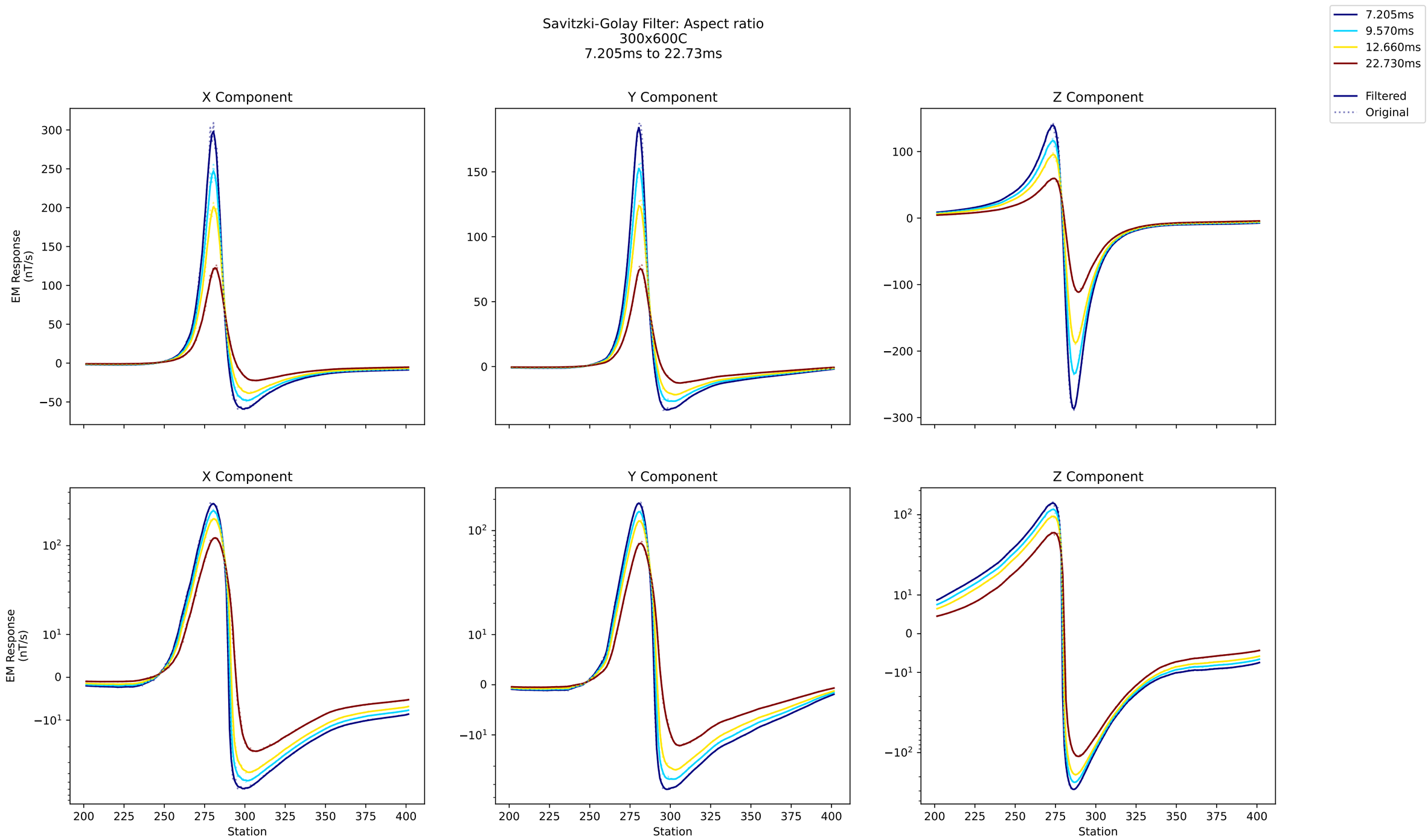
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
300x600C
7.205ms to 22.73ms
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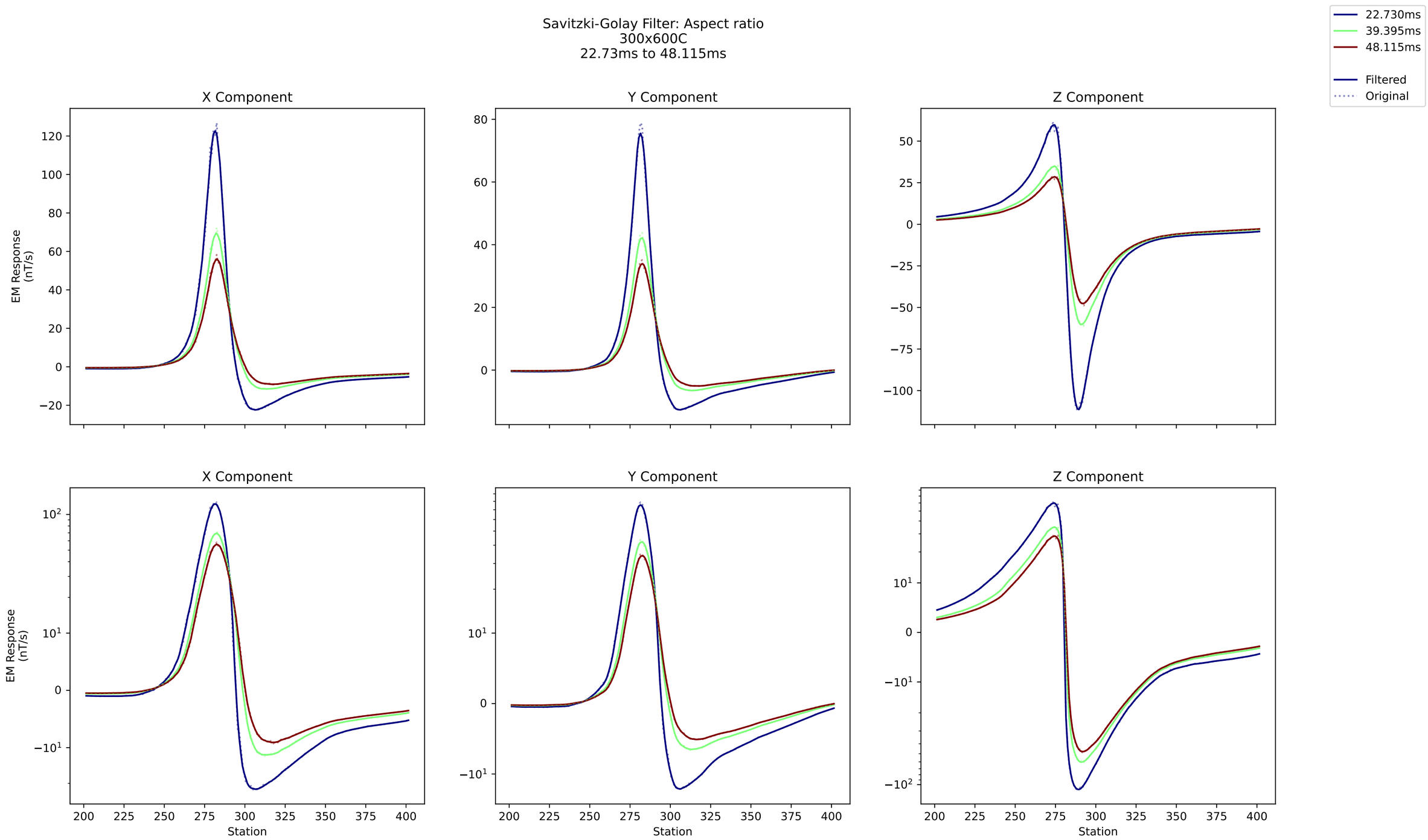
9.570ms
12.660ms
22.730ms
Filtered
Original
X Component
Y Component
Z Component
EM Response (nT/s)
Station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300x600C
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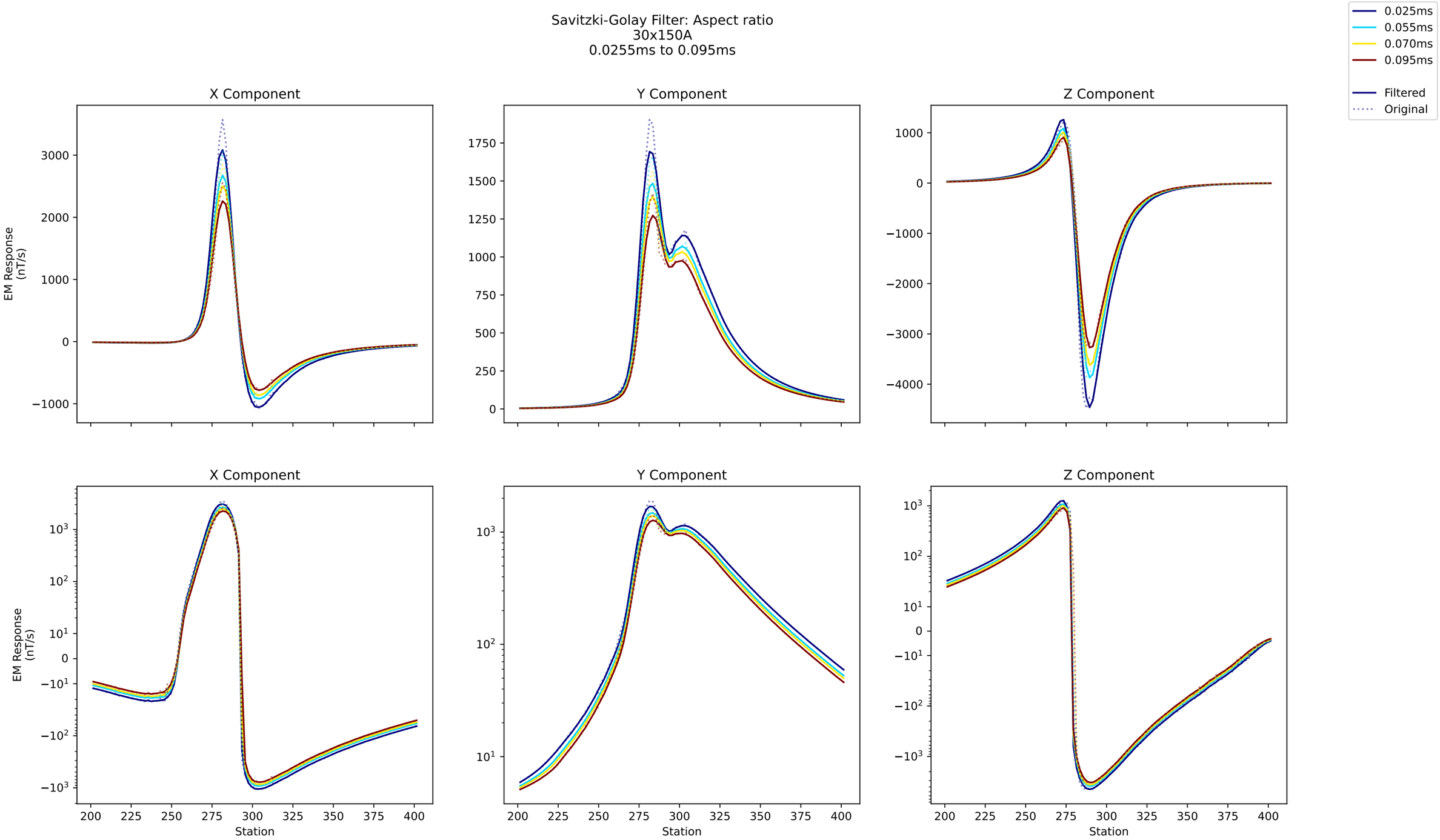
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
30x150A
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0.055ms
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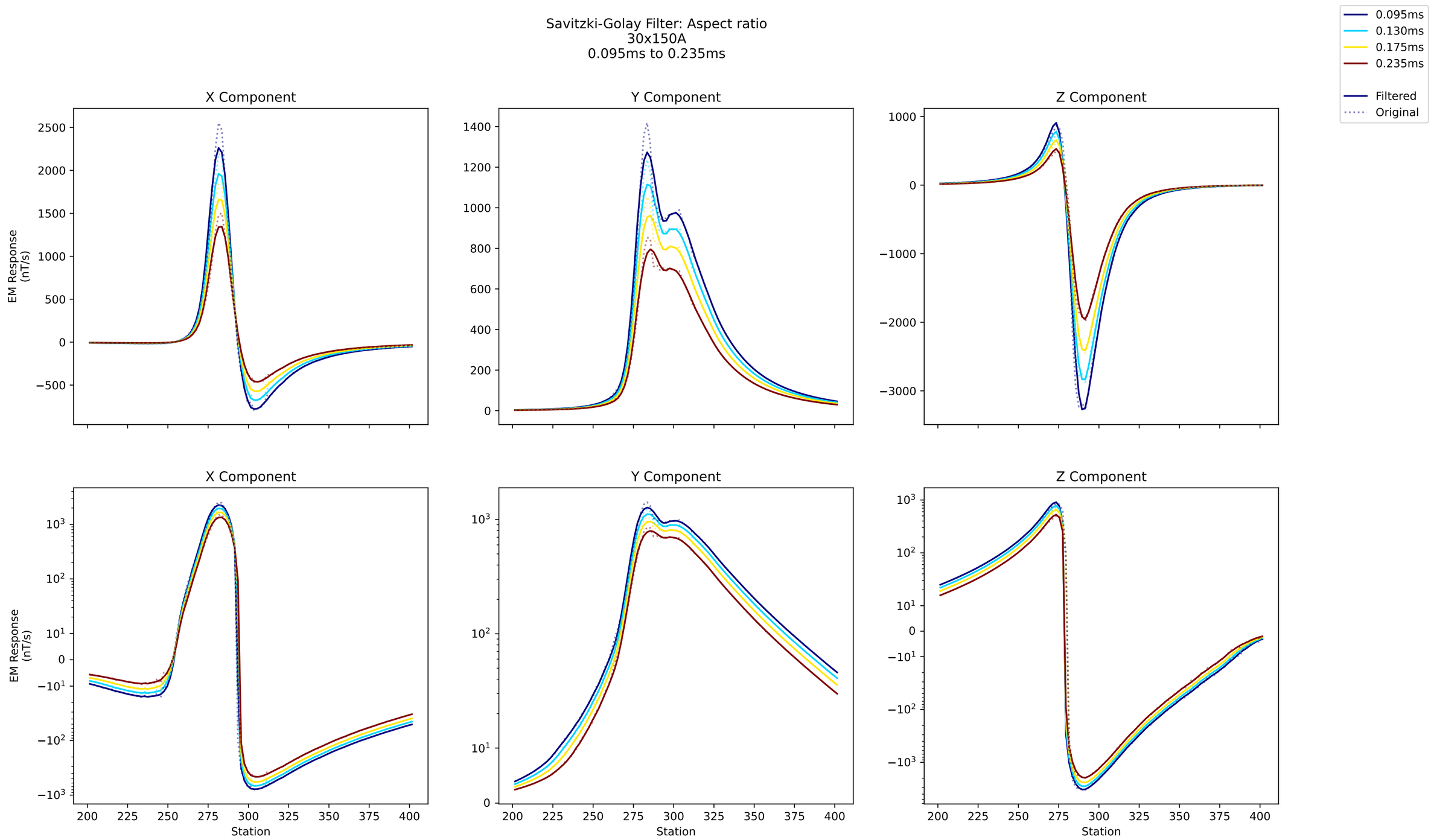
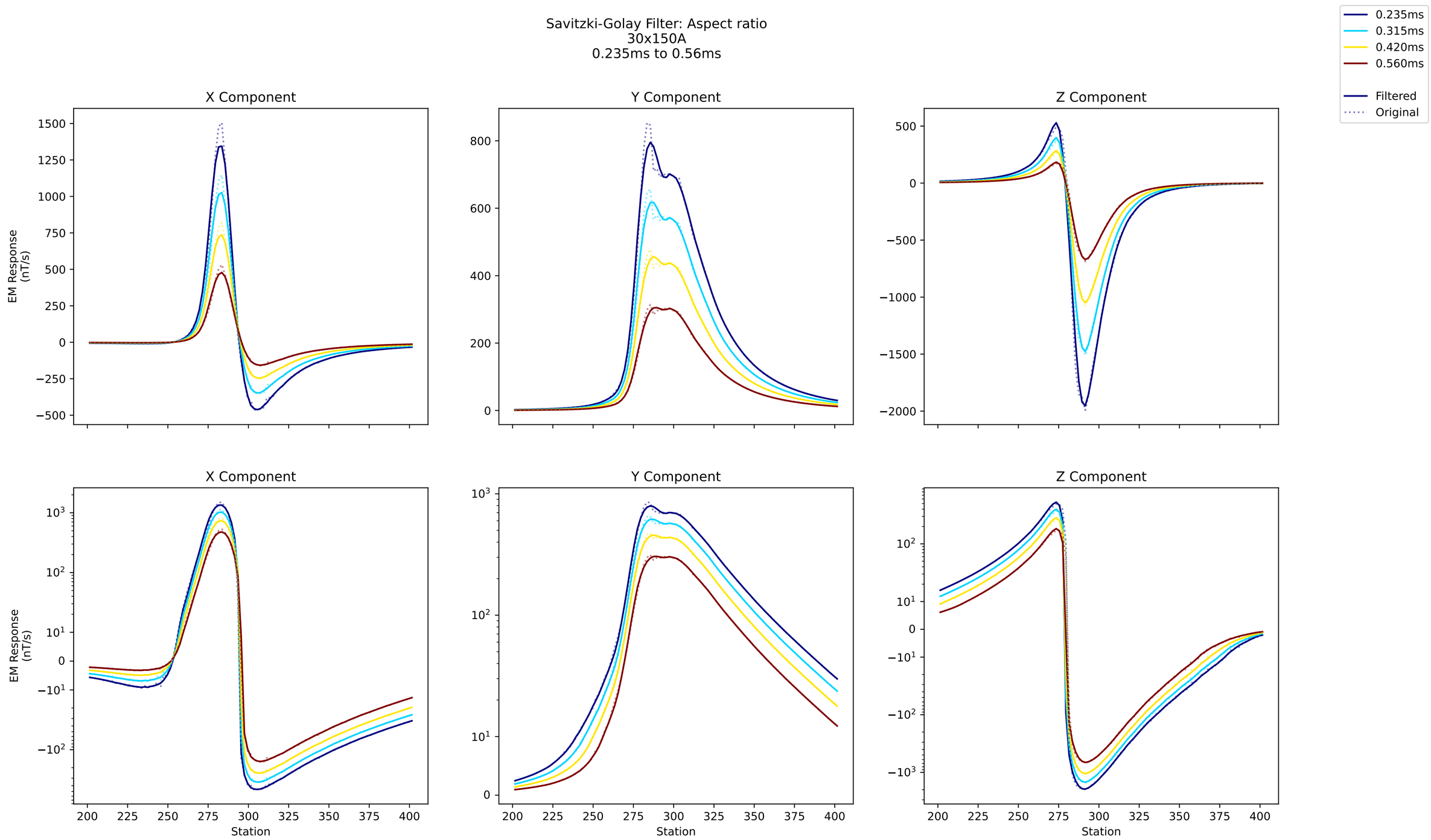
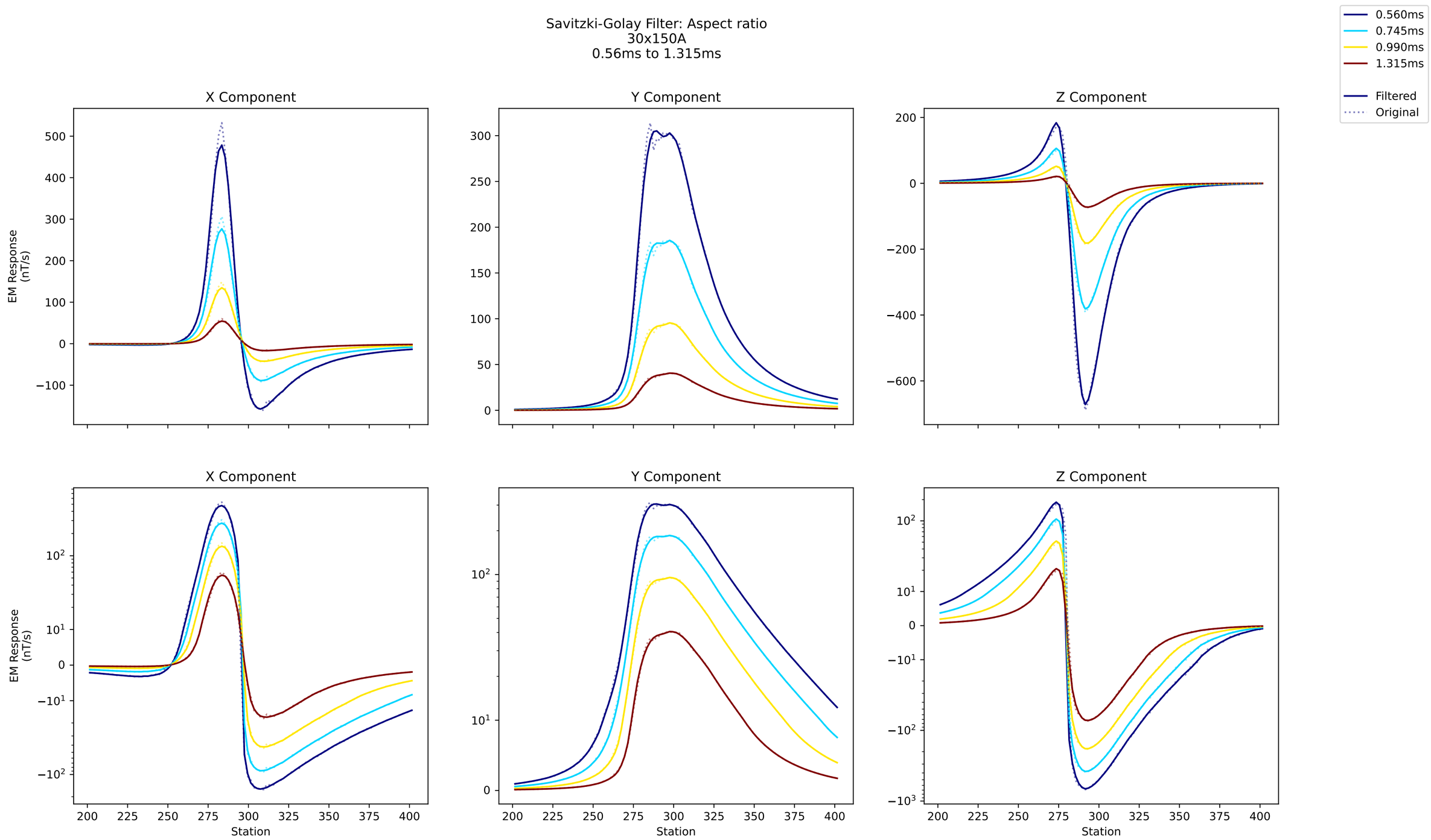
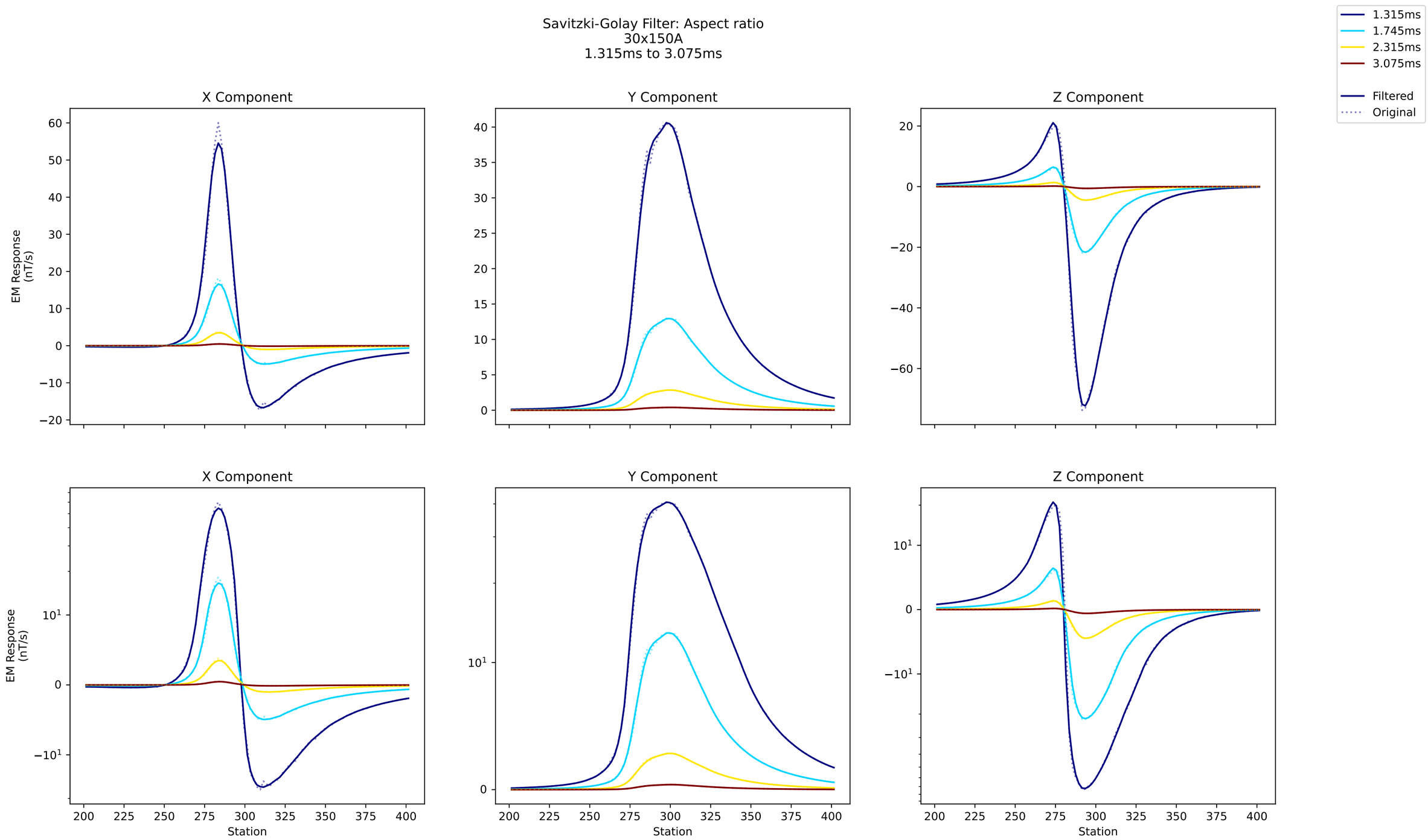
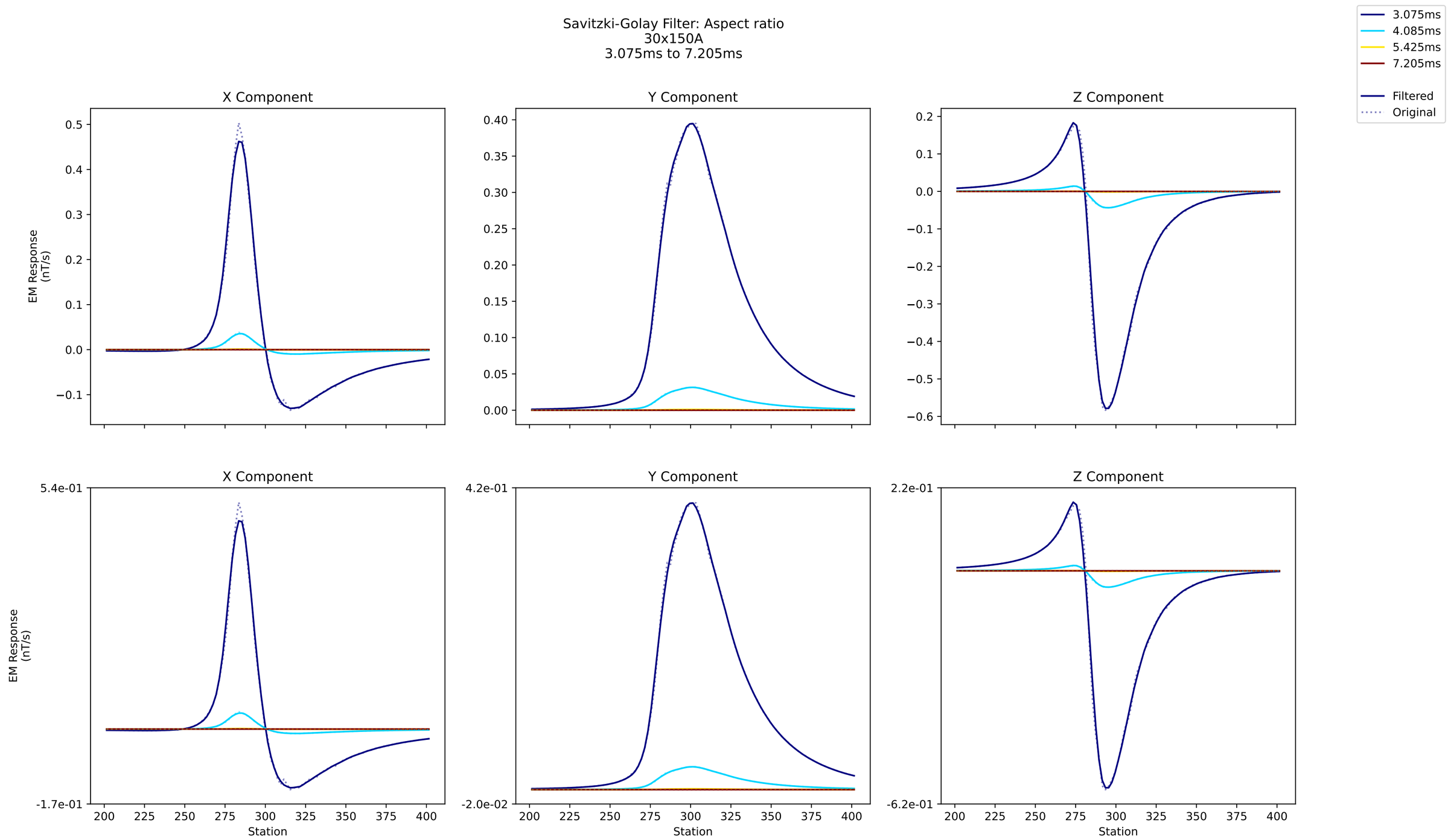
0.095ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

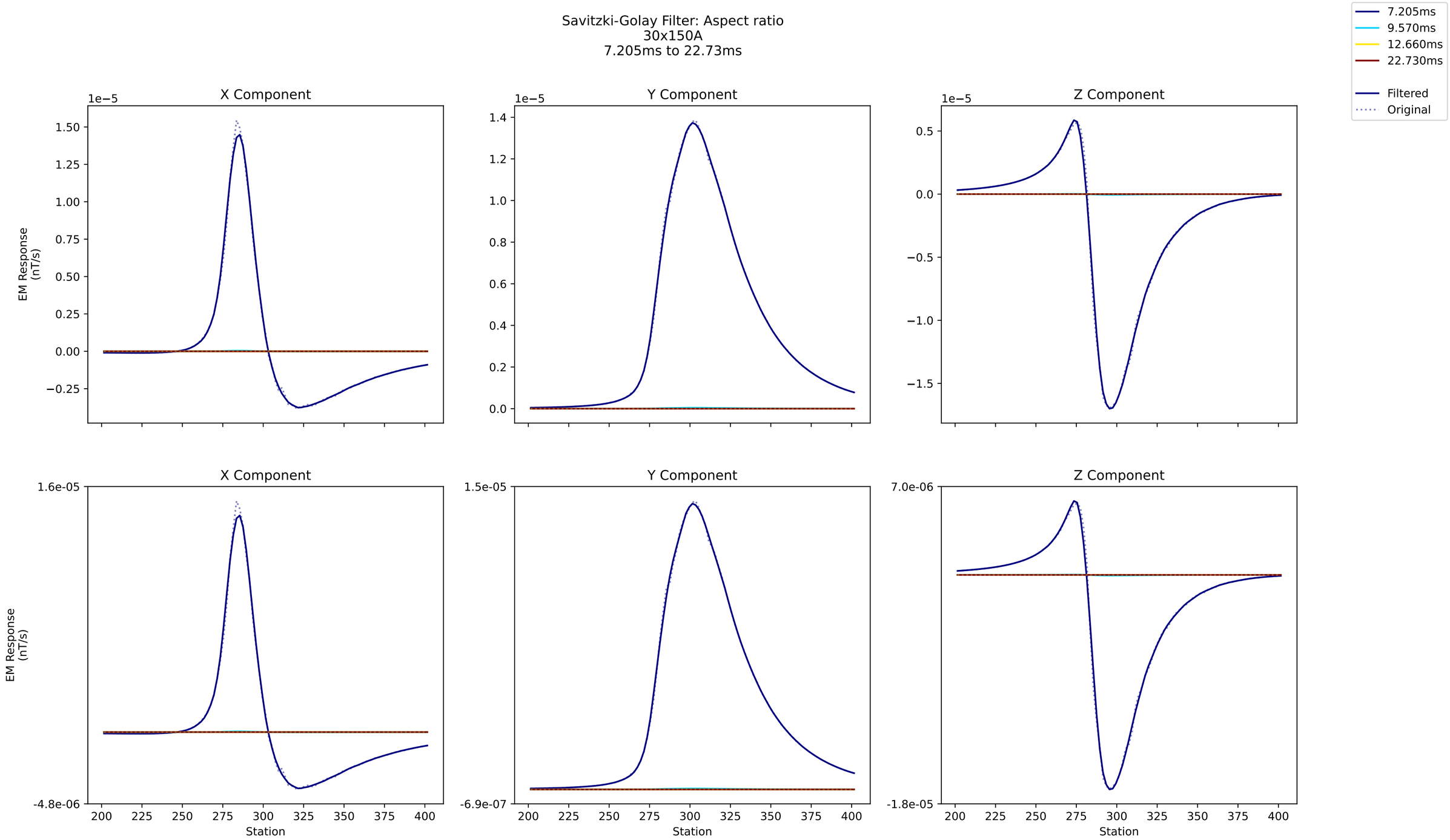

Savitzki-Golay Filter: Aspect ratio
30x150A
0.095ms to 0.235ms
0.095ms
0.130ms
0.175ms
0.235ms
Filtered
Original
X Component
Y Component
Z Component
EM Response (nT/s)
Station

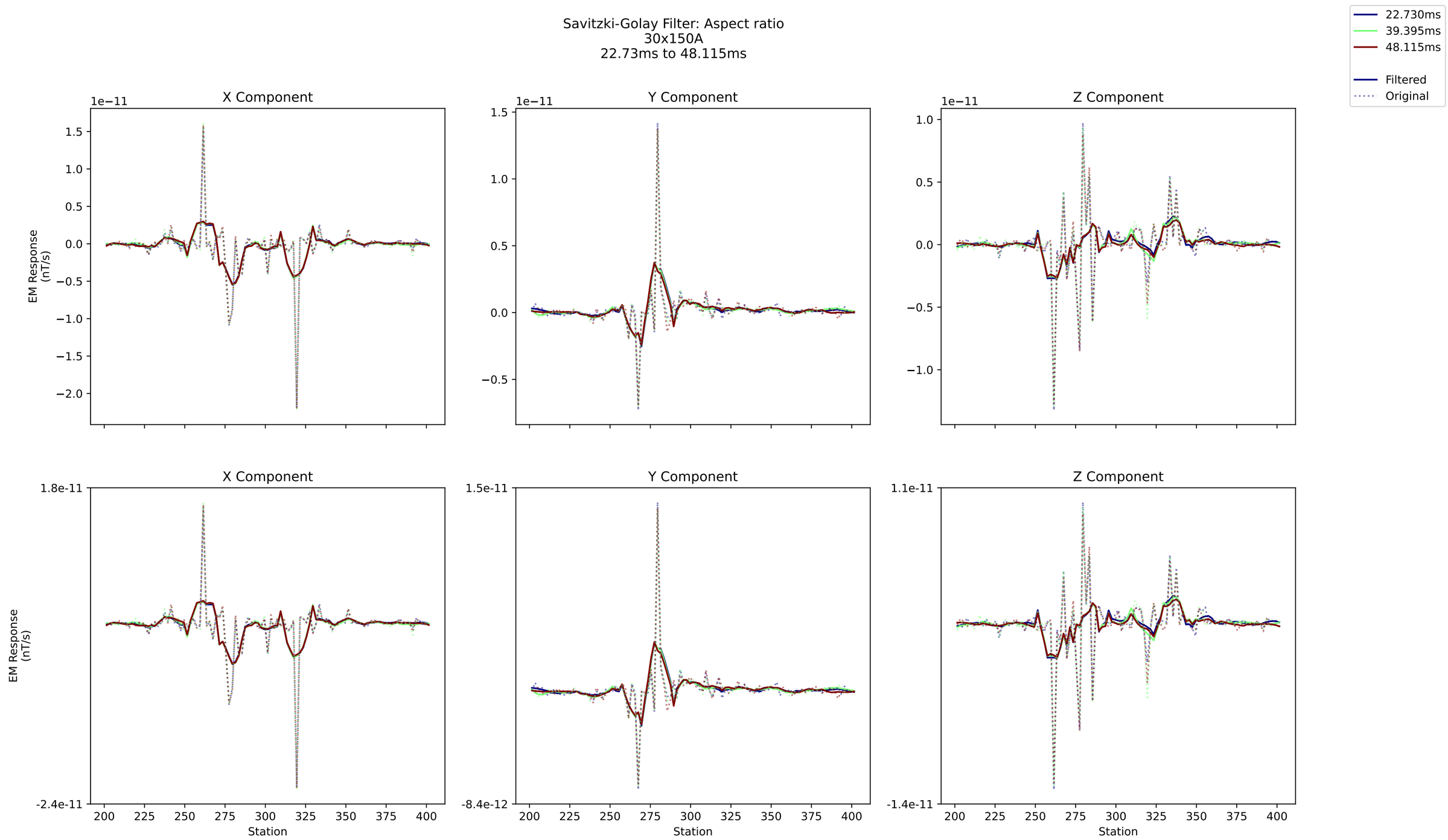

Savitzki-Golay Filter: Aspect ratio
30x150A
0.235ms to 0.56ms
0.235ms
0.315ms
0.420ms
0.560ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

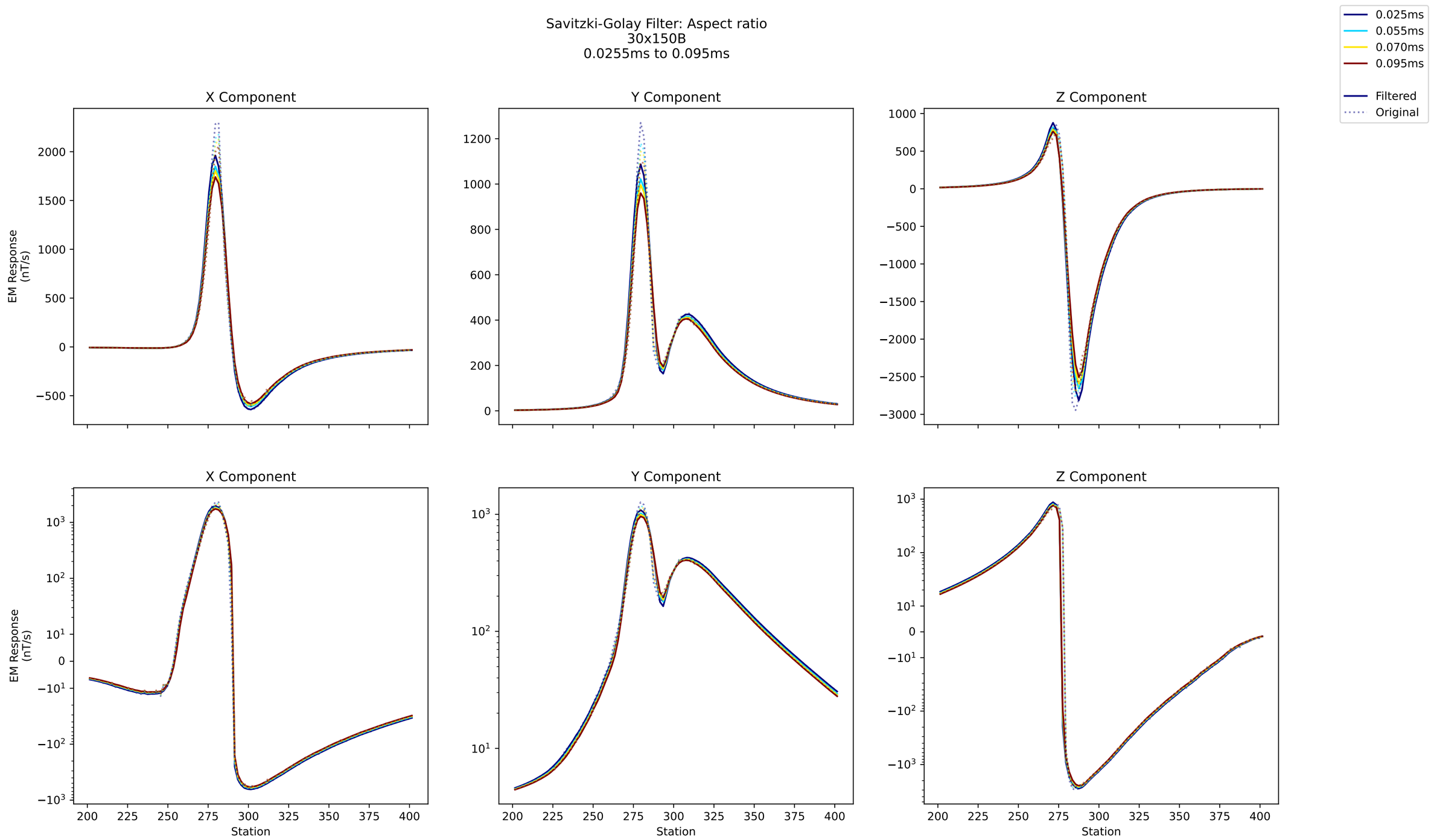

Savitzki-Golay Filter: Aspect ratio
30x150A
0.56ms to 1.315ms
0.560ms
0.745ms
0.990ms
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

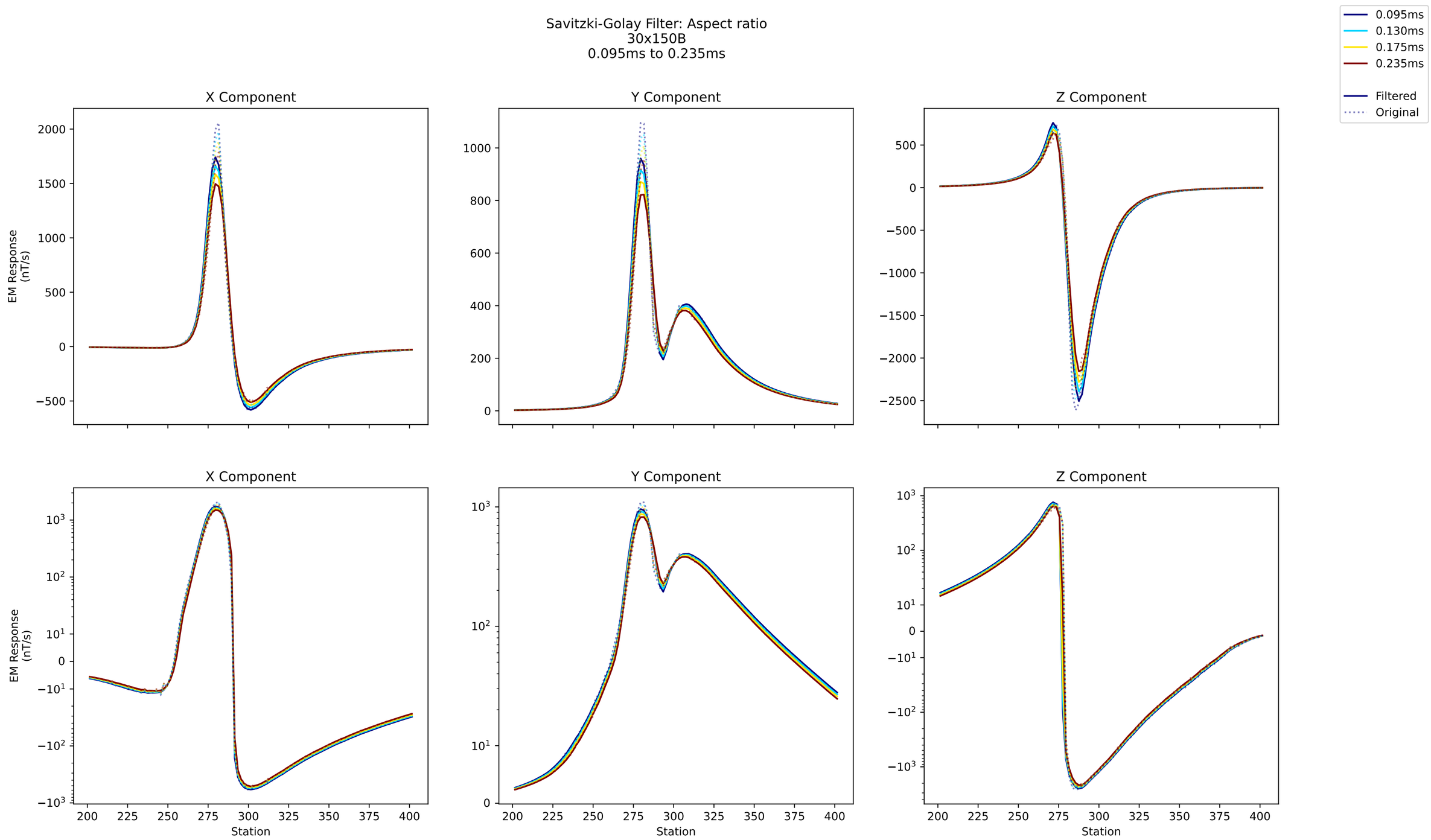

Savitzki-Golay Filter: Aspect ratio
30x150A
1.315ms to 3.075ms
1.315ms
1.745ms
2.315ms
3.075ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

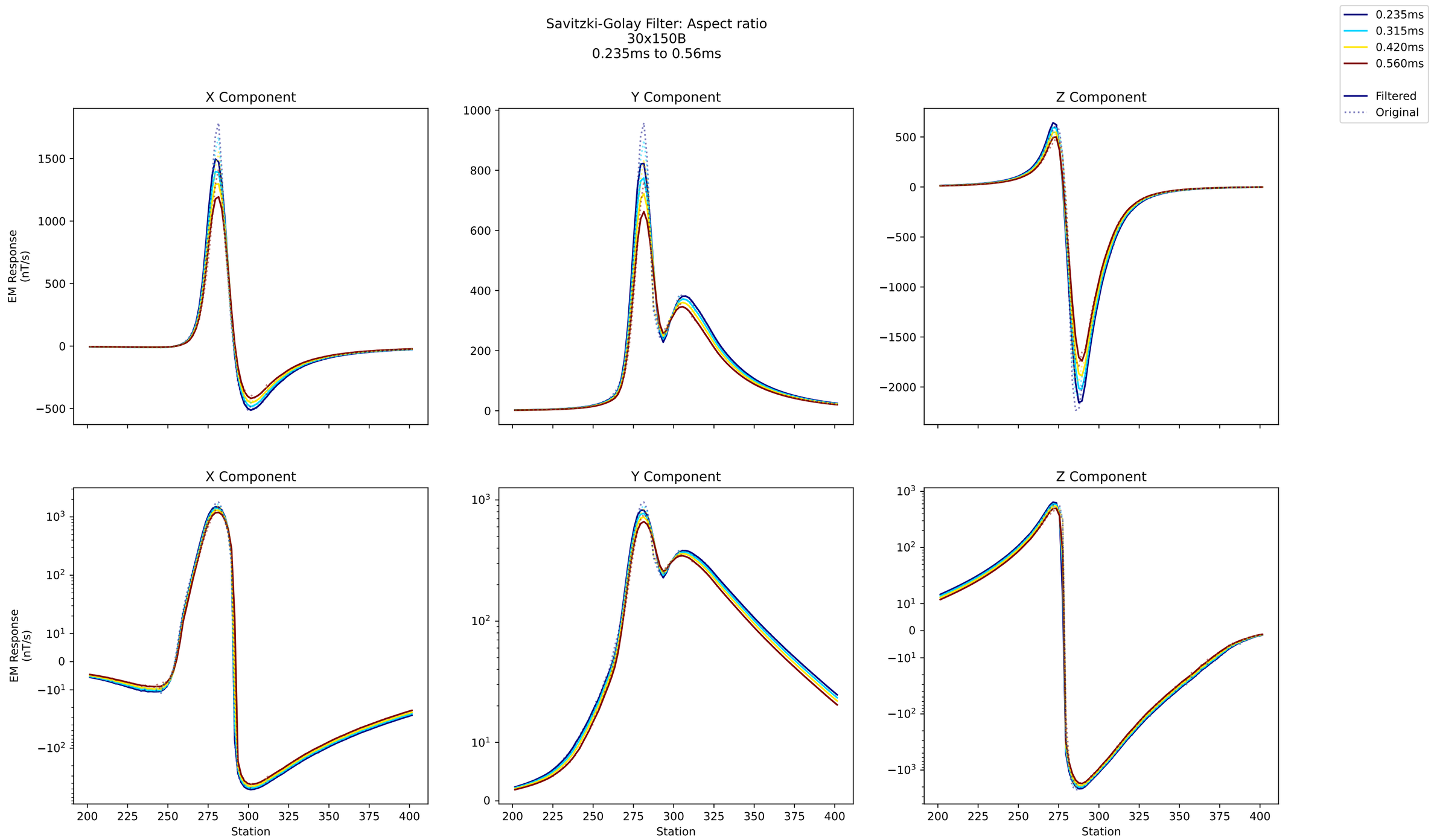

Savitzki-Golay Filter: Aspect ratio
30x150A
3.075ms to 7.205ms
3.075ms
4.085ms
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station
5.4e-01
-1.7e-01
4.2e-01
-2.0e-02
2.2e-01
-6.2e-01

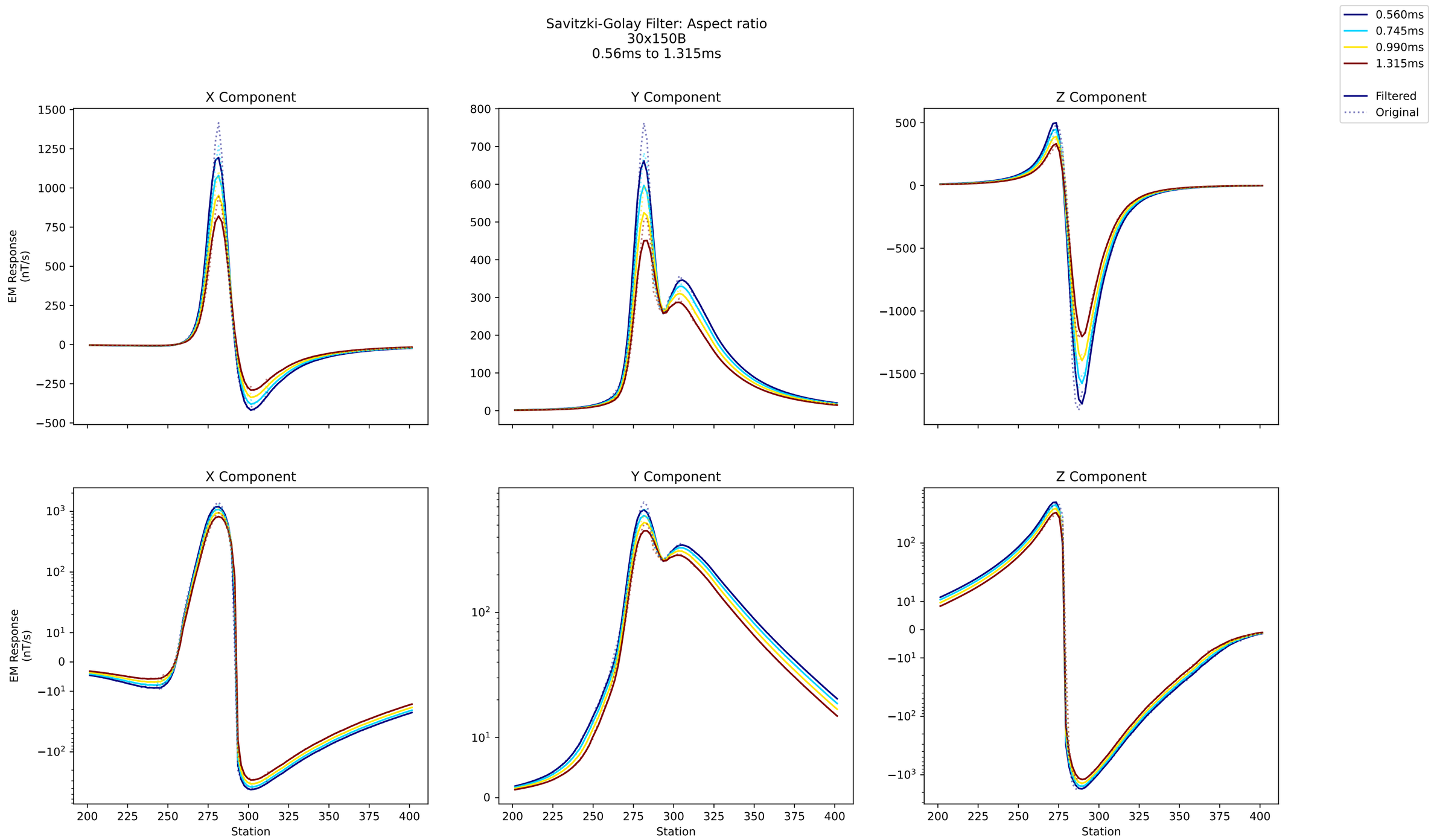

Savitzki-Golay Filter: Aspect ratio
30x150A
7.205ms to 22.73ms
7.205ms
9.570ms
12.660ms
22.730ms
Filtered
Original
X Component
Y Component
Z Component
1e−5
EM Response
(nT/s)
1.6e-05
-4.8e-06
1.5e-05
-6.9e-07
7.0e-06
-1.8e-05
Station

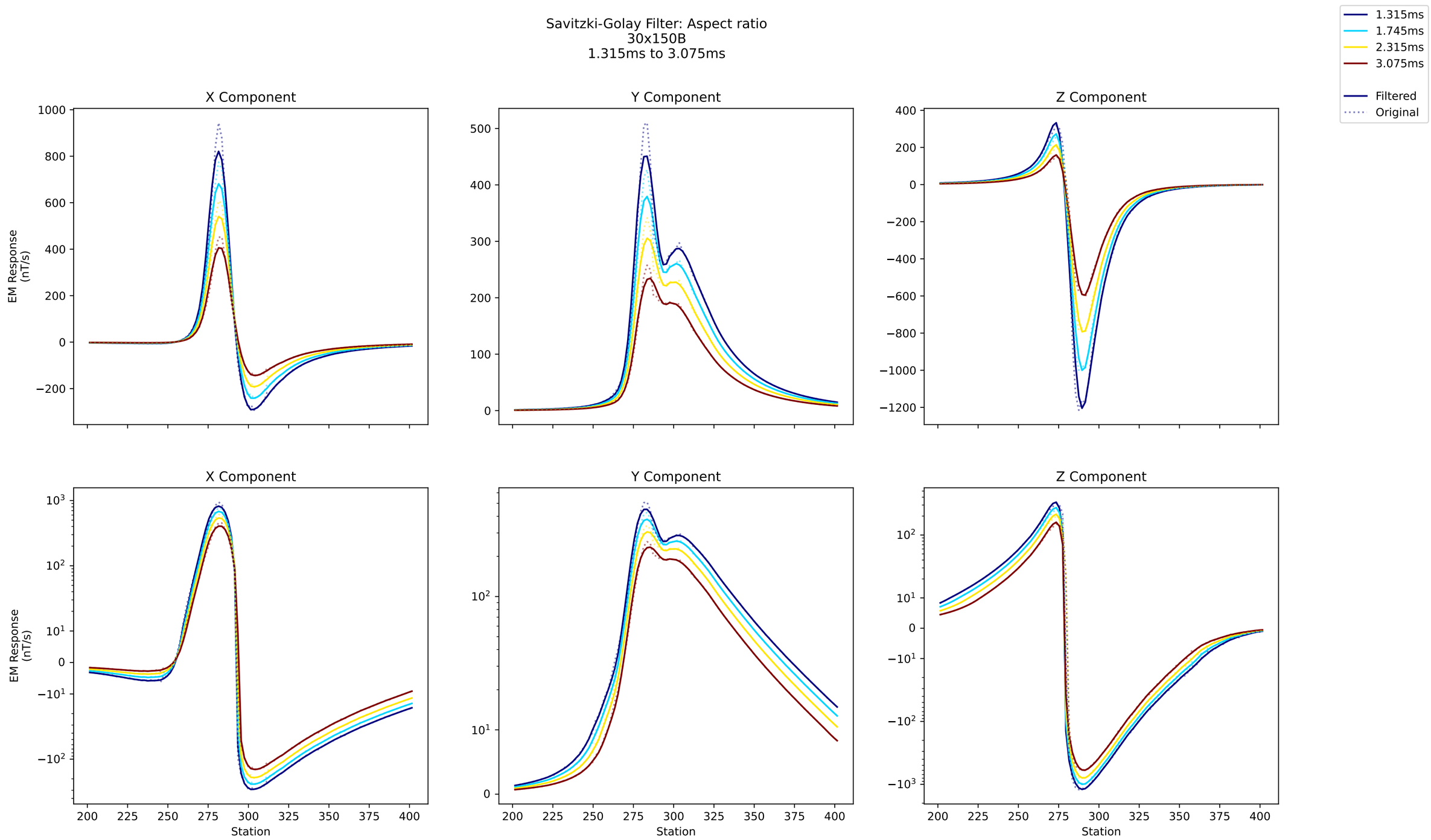

Savitzki-Golay Filter: Aspect ratio
30x150A
22.73ms to 48.115ms
22.730ms
39.395ms
48.115ms
Filtered
Original
X Component
Y Component
Z Component
1e−11
EM Response
(nT/s)
1.8e-11
-2.4e-11
1.5e-11
-8.4e-12
1.1e-11
-1.4e-11
Station

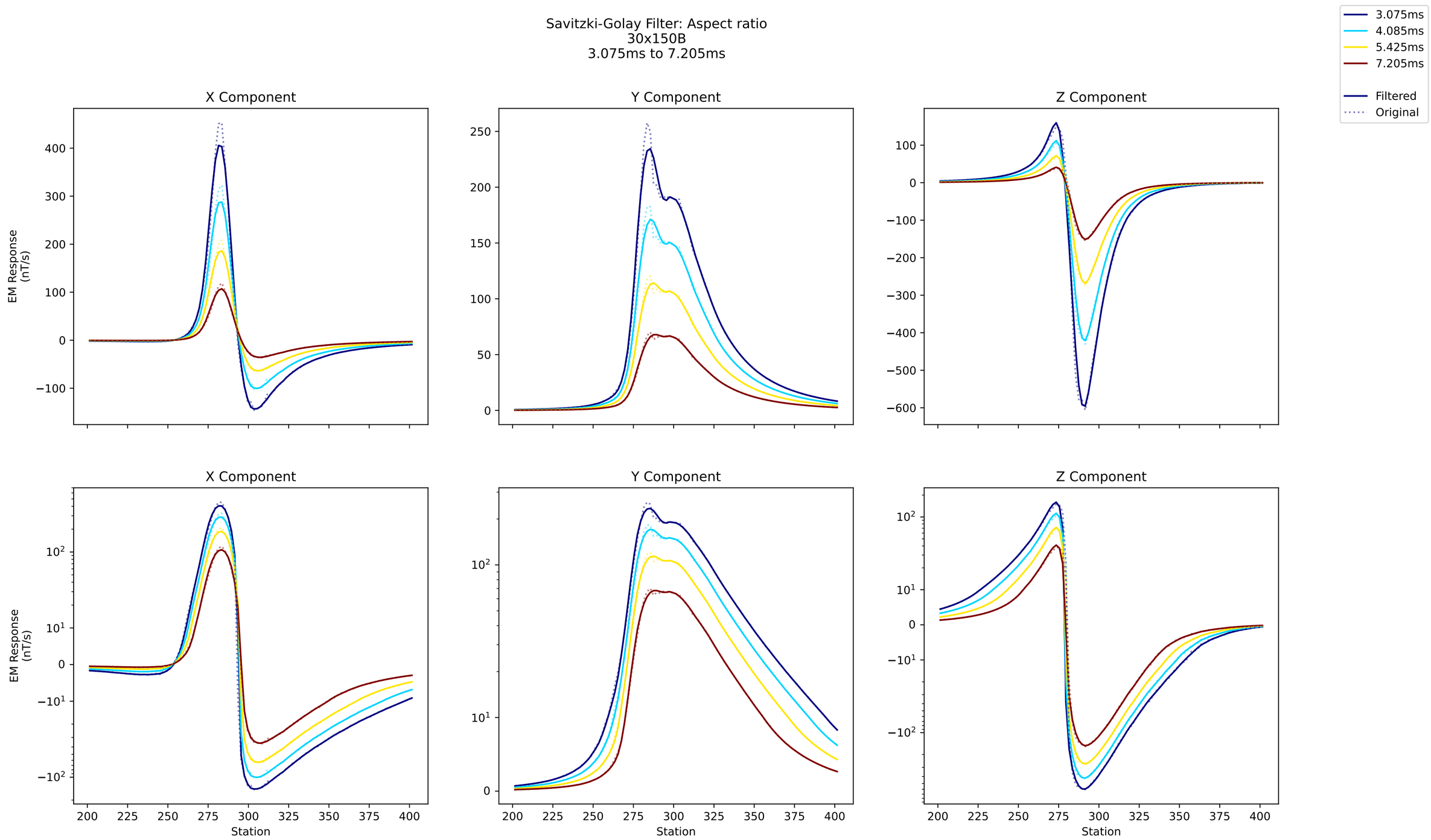

Savitzki-Golay Filter: Aspect ratio
30x150B
0.0255ms to 0.095ms
0.025ms
0.055ms
0.070ms
0.095ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

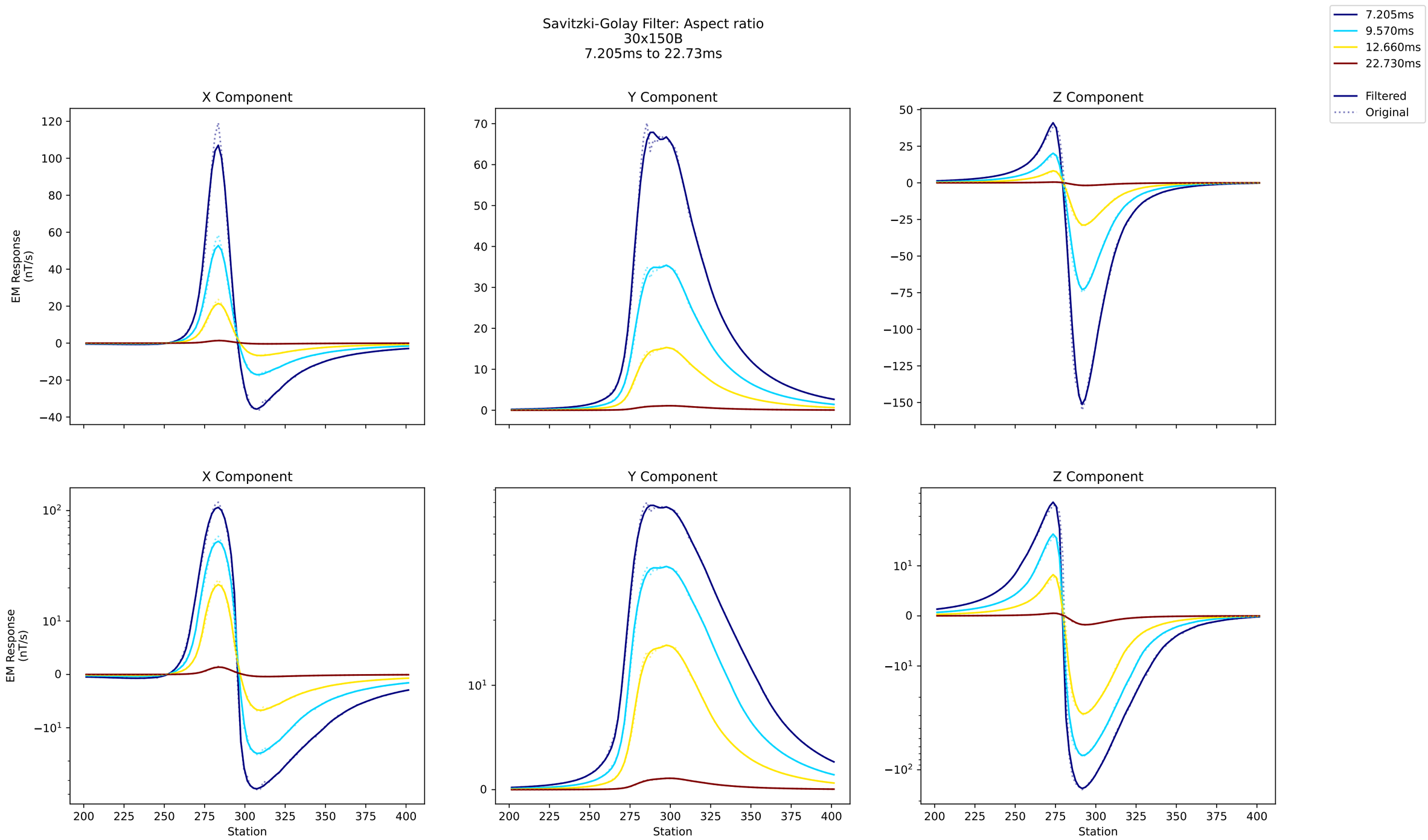

Savitzki-Golay Filter: Aspect ratio
30x150B
0.095ms to 0.235ms
0.095ms
0.130ms
0.175ms
0.235ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

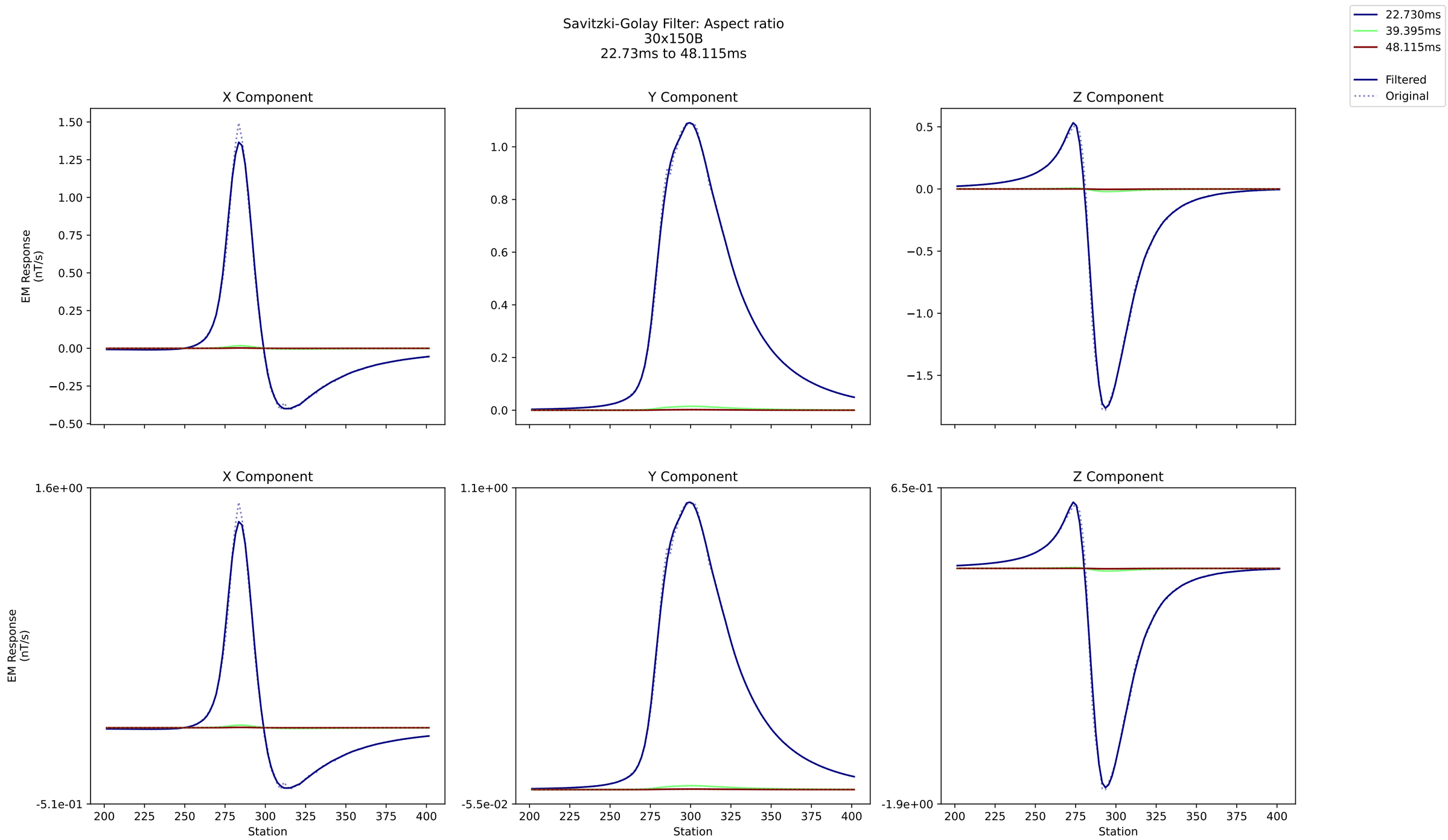

Savitzki-Golay Filter: Aspect ratio
30x150B
0.235ms to 0.56ms
0.235ms
0.315ms
0.420ms
0.560ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

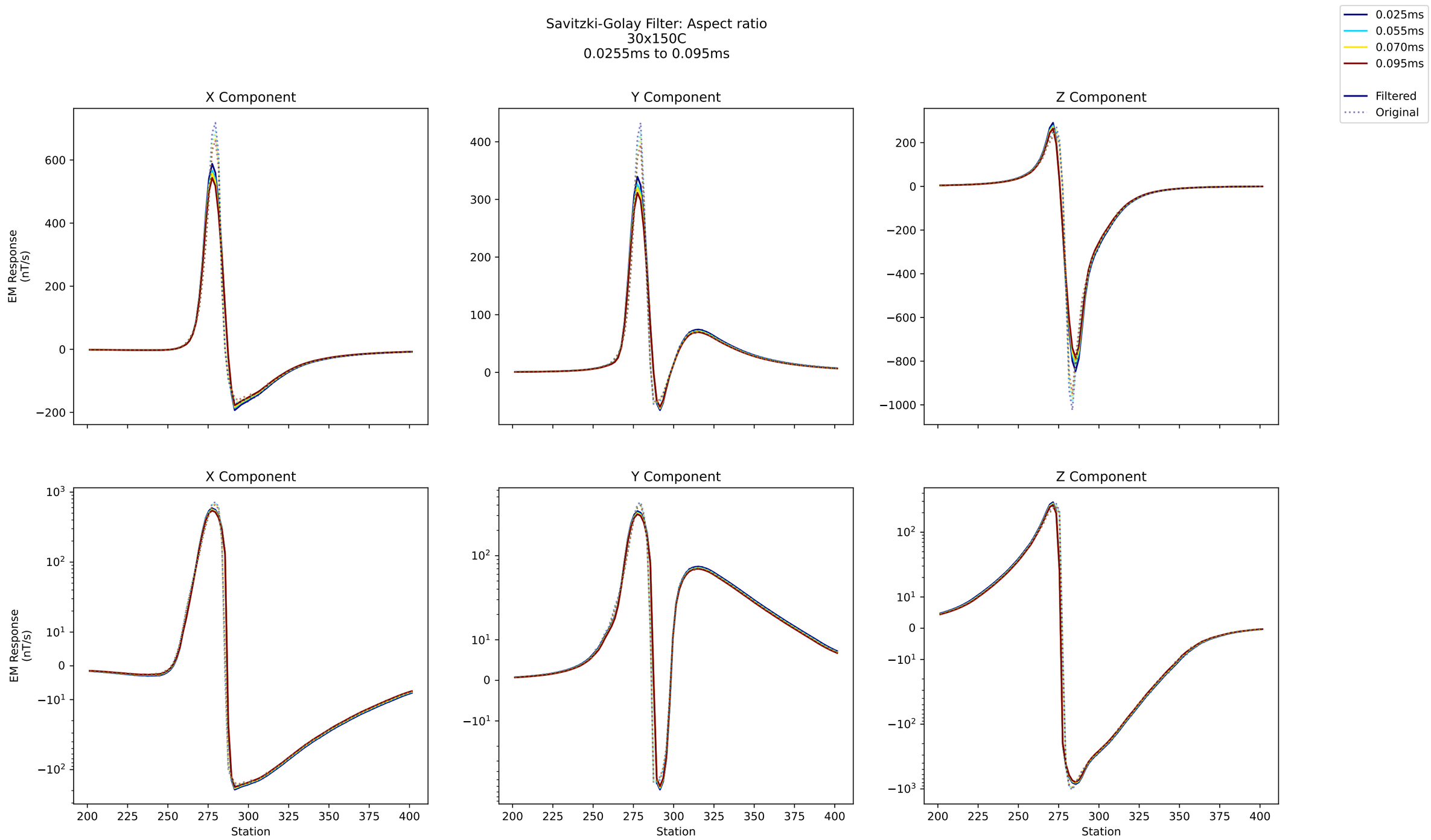

Savitzki-Golay Filter: Aspect ratio
30x150B
0.56ms to 1.315ms
0.560ms
0.745ms
0.990ms
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

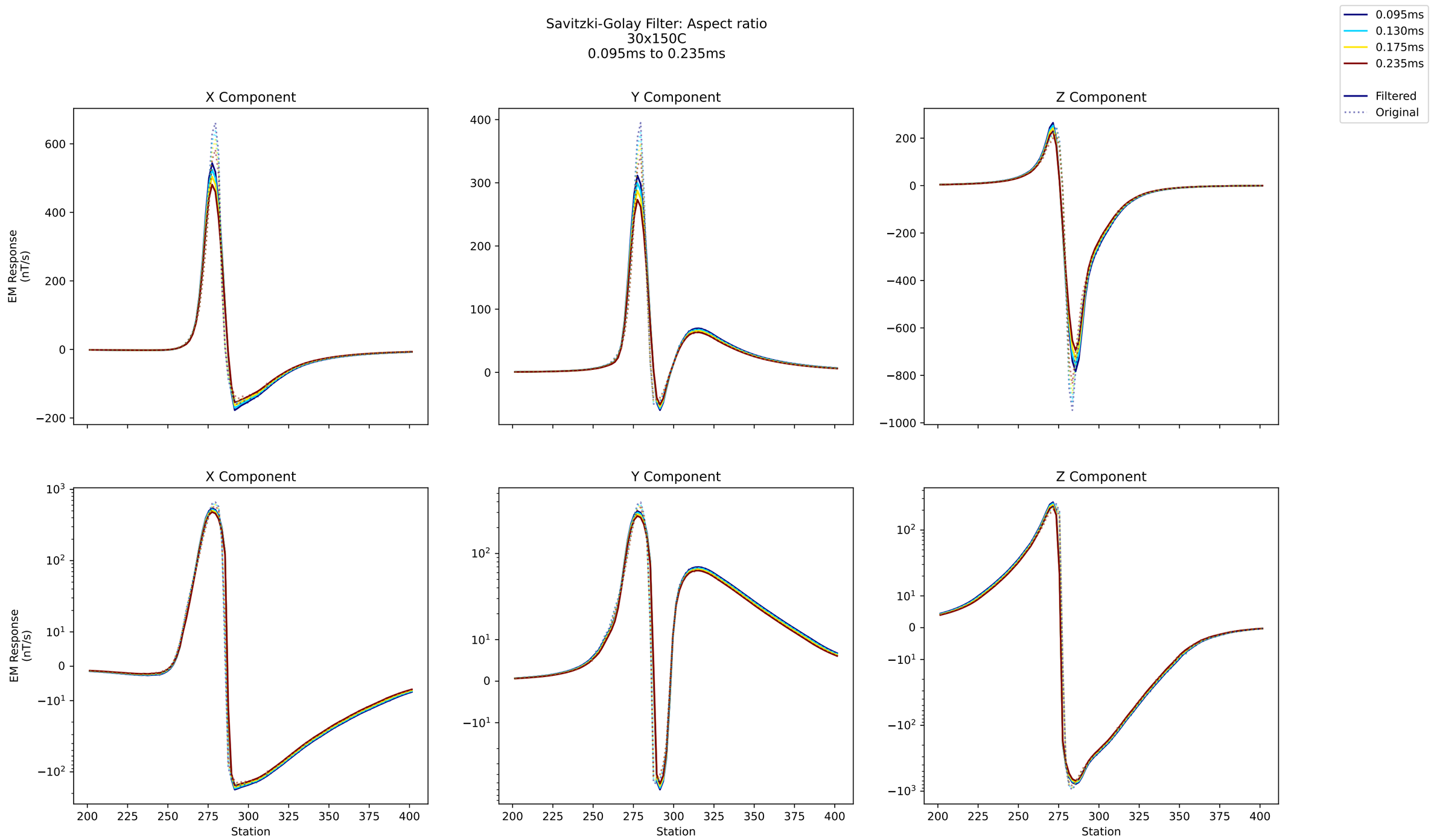

Savitzki-Golay Filter: Aspect ratio
30x150B
1.315ms to 3.075ms
1.315ms
1.745ms
2.315ms
3.075ms
Filtered
Original
X Component
Y Component
Z Component
EM Response (nT/s)
Station

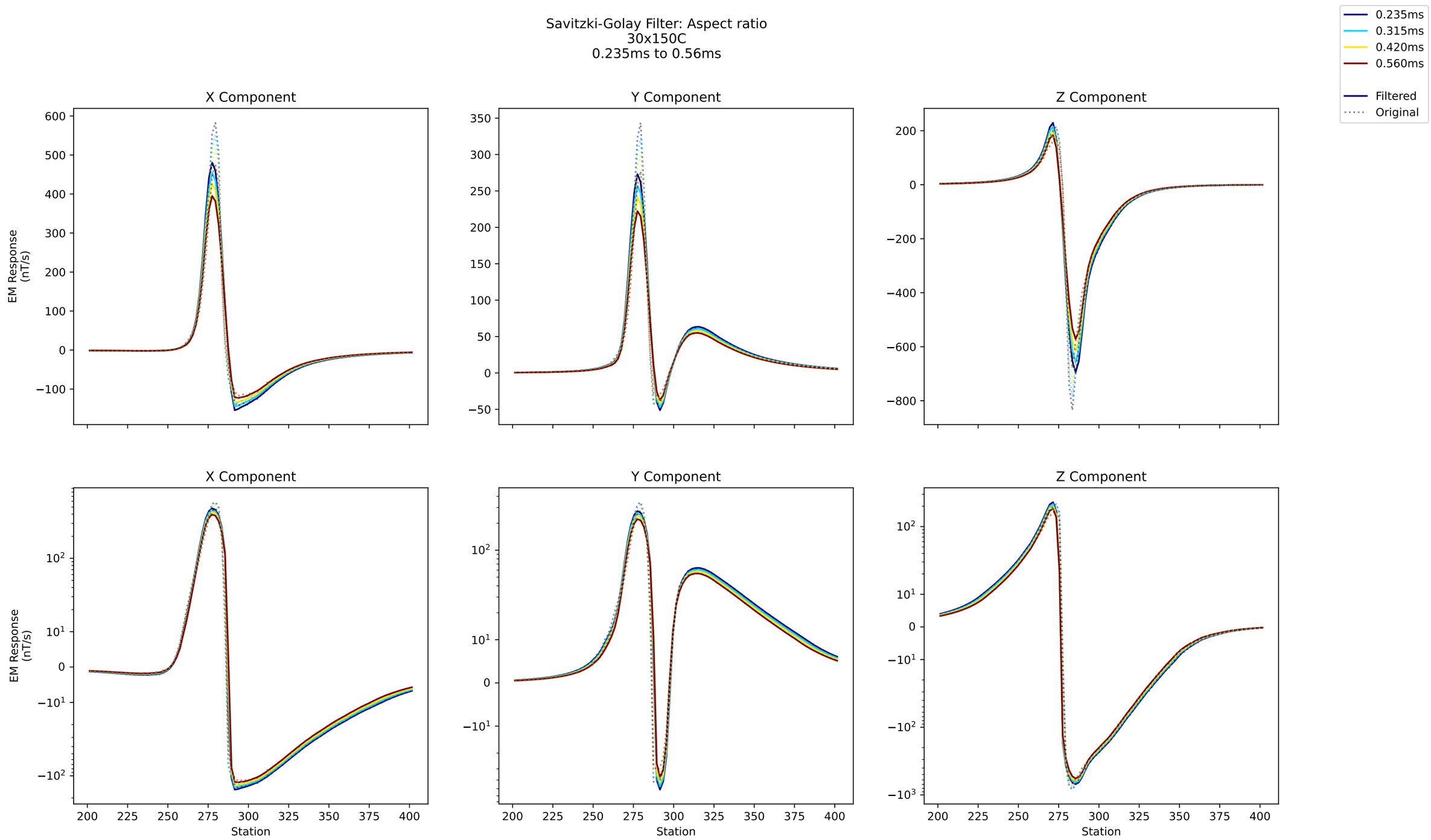

Savitzki-Golay Filter: Aspect ratio
30x150B
3.075ms to 7.205ms
3.075ms
4.085ms
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

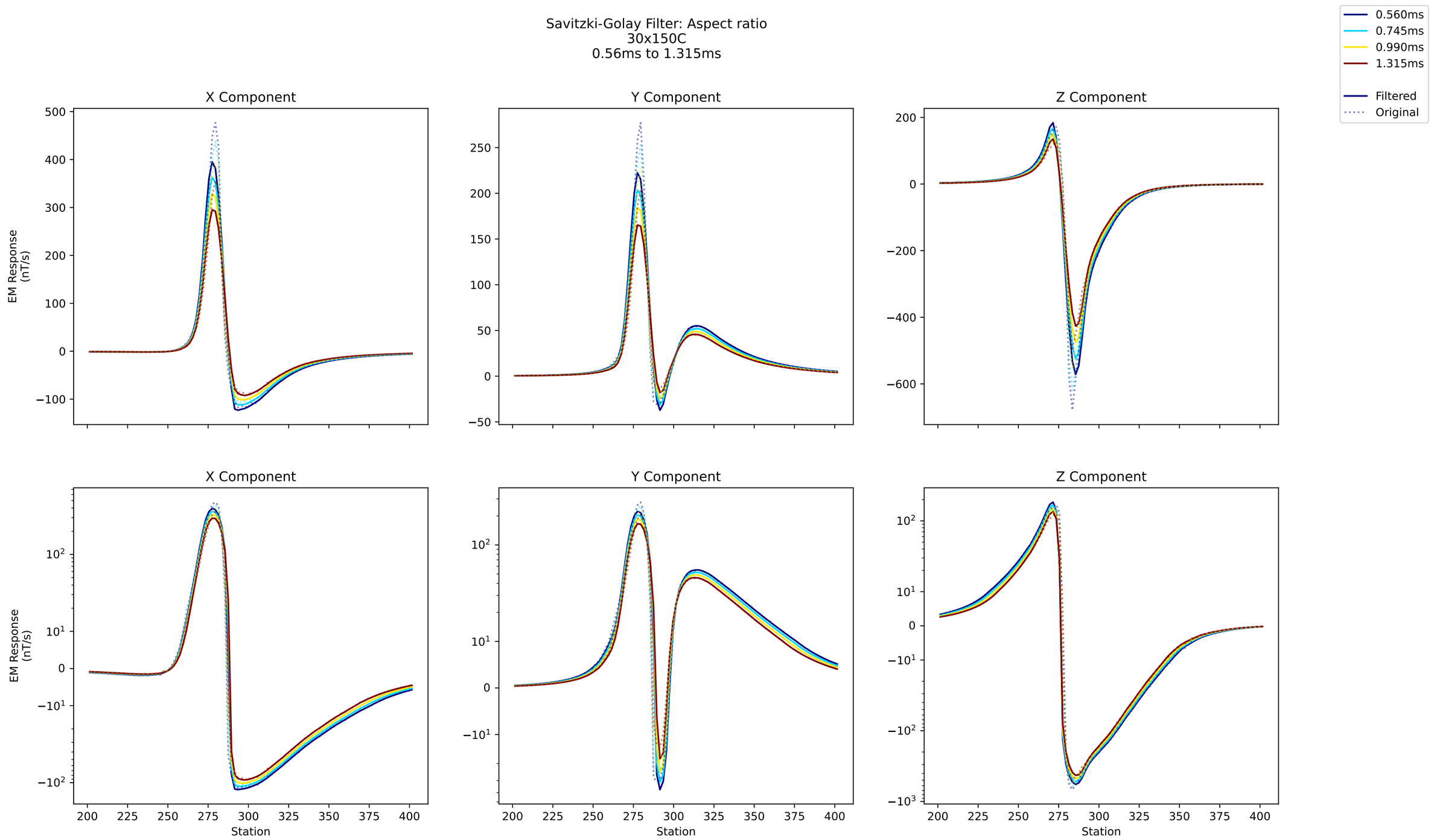

Savitzki-Golay Filter: Aspect ratio
30x150B
7.205ms to 22.73ms
7.205ms
9.570ms
12.660ms
22.730ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

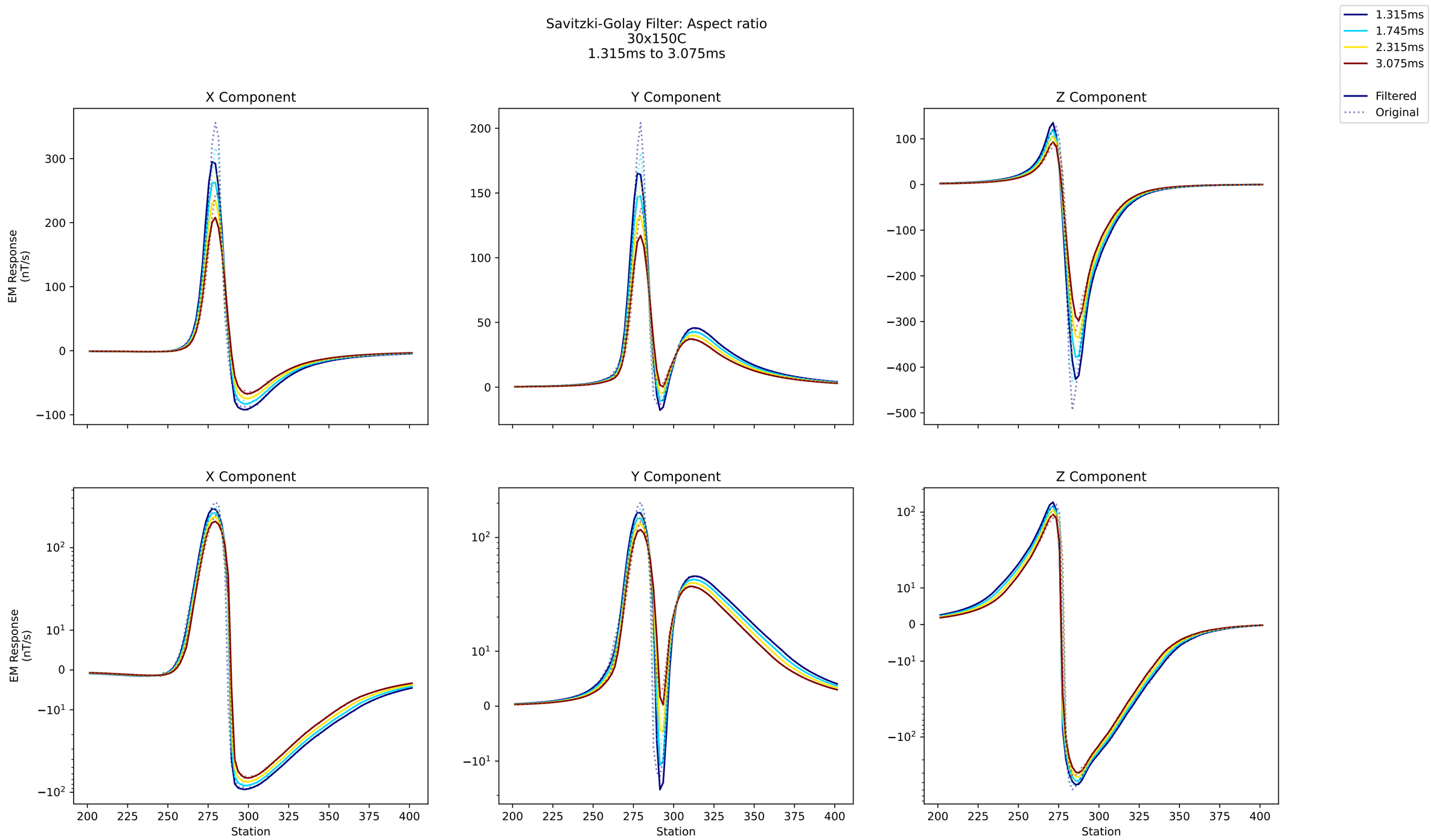

Savitzki-Golay Filter: Aspect ratio
30x150B
22.73ms to 48.115ms
22.730ms
39.395ms
48.115ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
1.50
1.25
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
1.0
0.8
0.6
0.4
0.2
0.0
0.5
0.0
−0.5
−1.0
−1.5
1.6e+00
-5.1e-01
1.1e+00
-5.5e-02
6.5e-01
-1.9e+00
200
225
250
275
300
325
350
375
400
Station

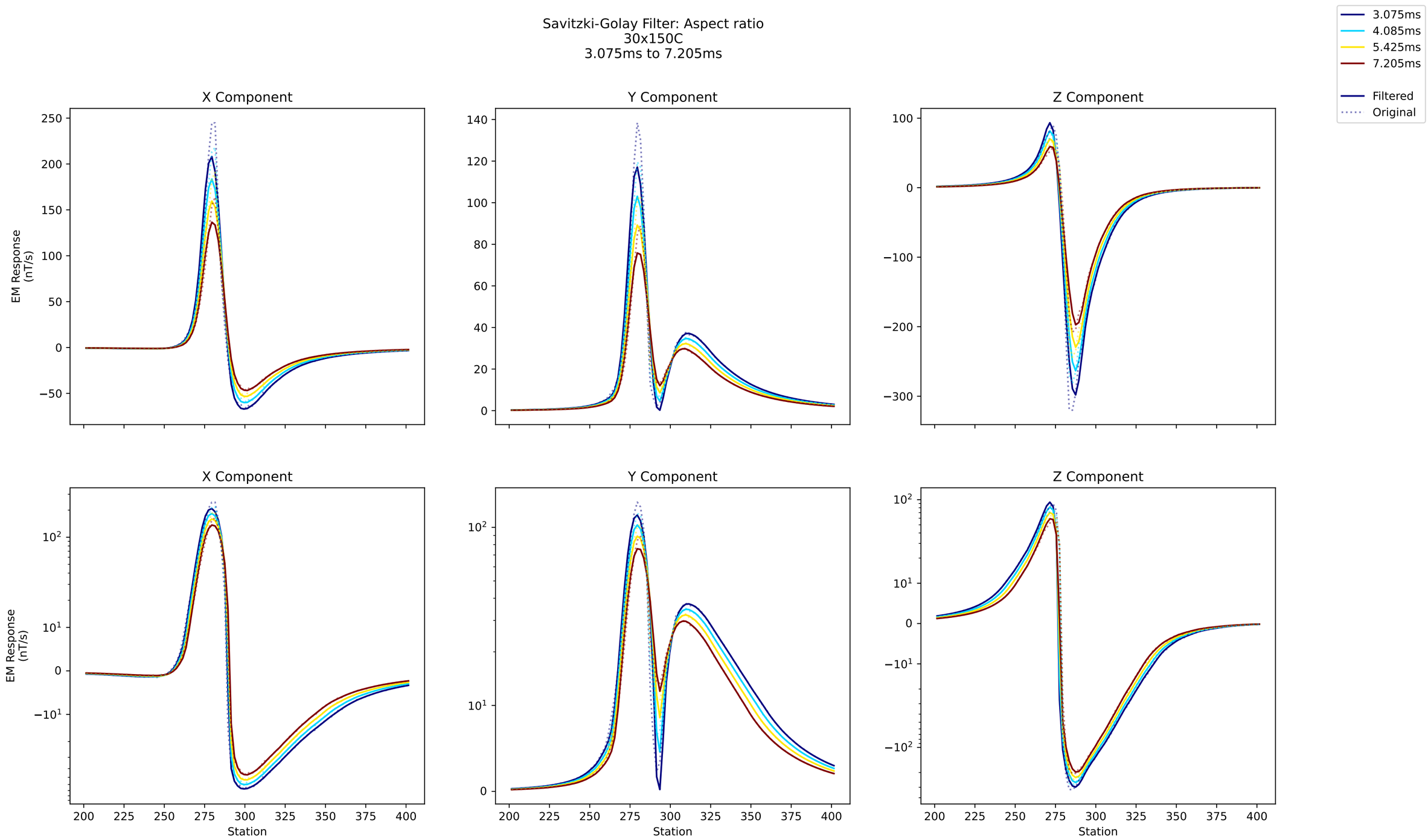

Savitzki-Golay Filter: Aspect ratio
30x150C
0.0255ms to 0.095ms
0.025ms
0.055ms
0.070ms
0.095ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

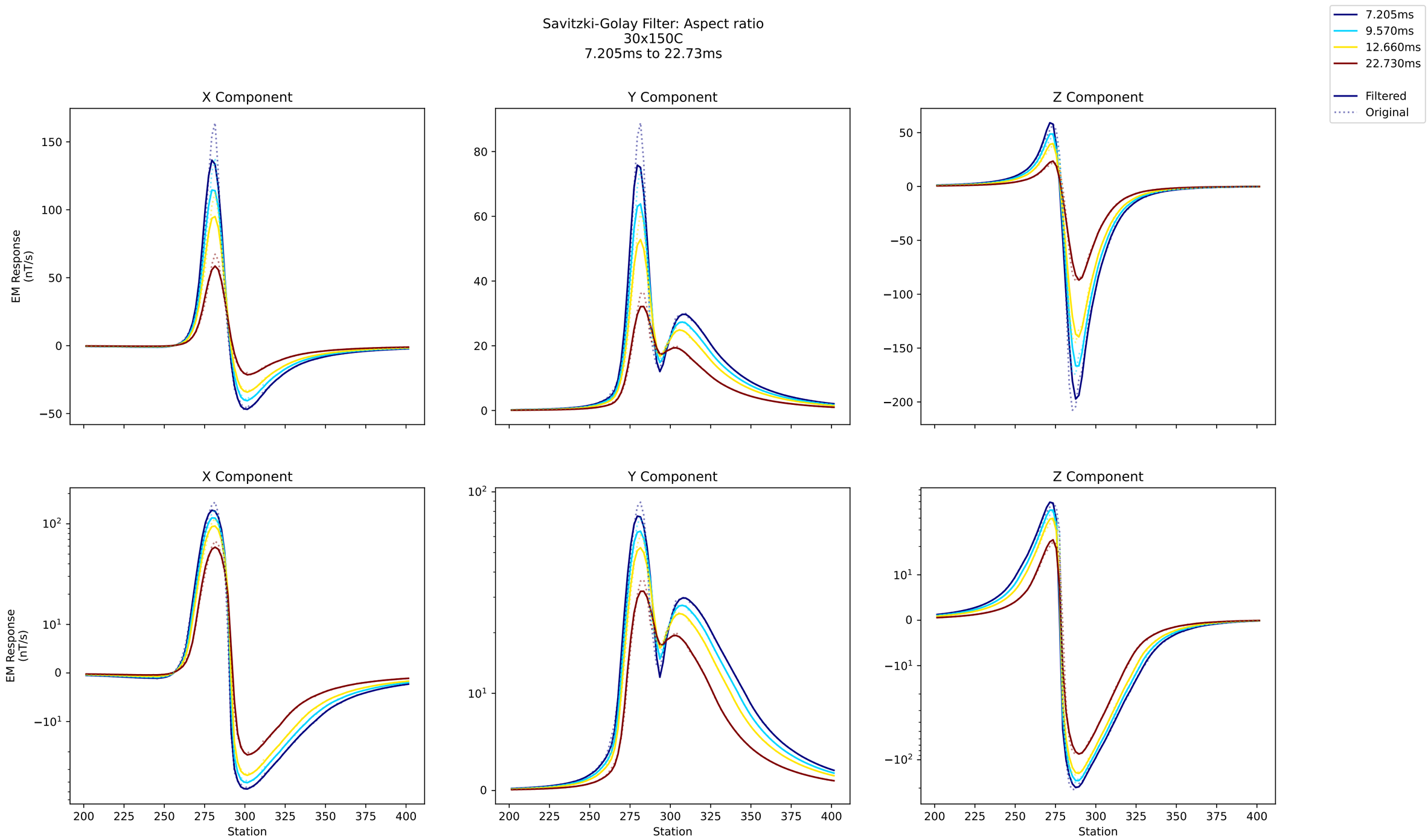

Savitzki-Golay Filter: Aspect ratio
30x150C
0.095ms to 0.235ms
0.095ms
0.130ms
0.175ms
0.235ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

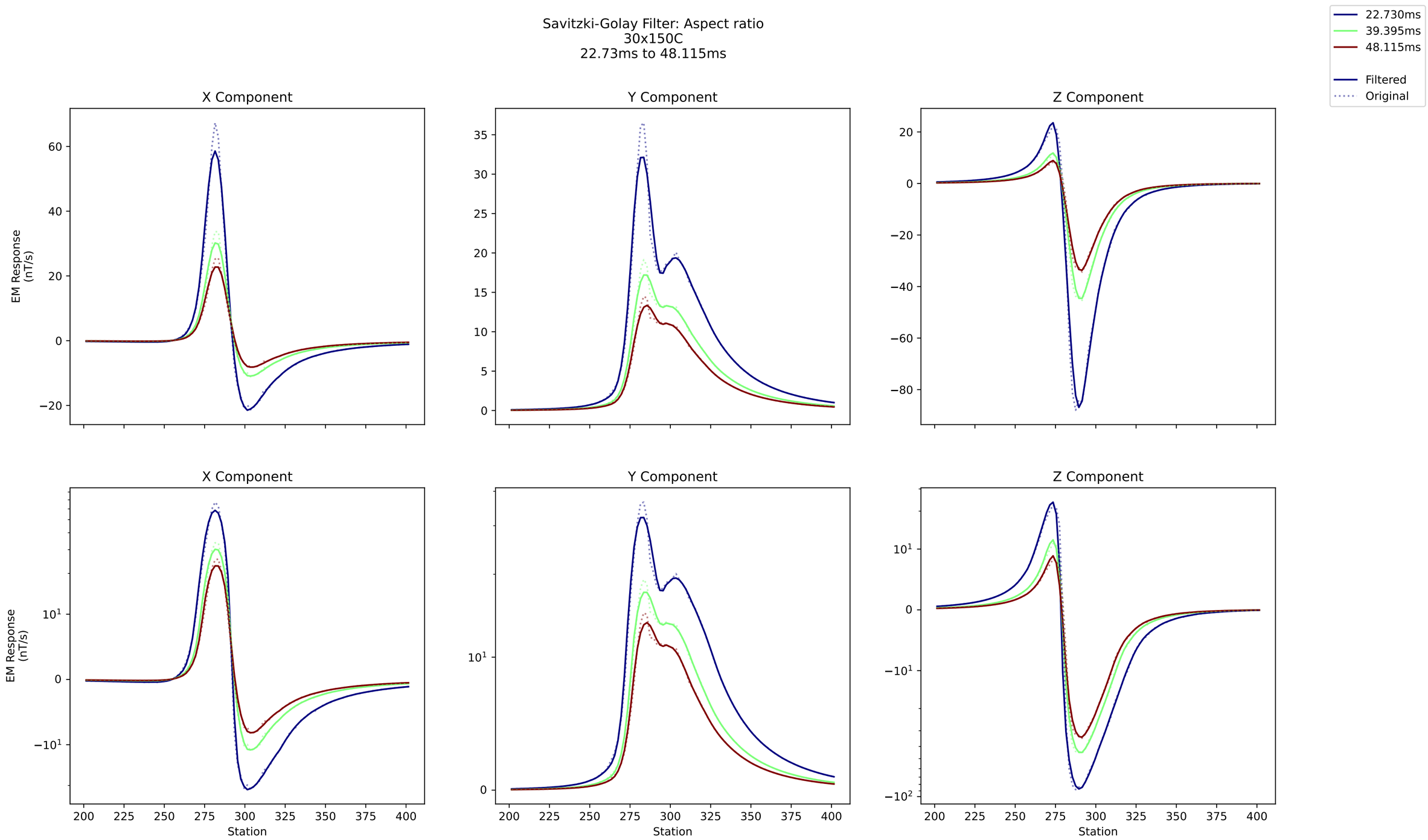

Savitzki-Golay Filter: Aspect ratio
30x150C
0.235ms to 0.56ms
0.235ms
0.315ms
0.420ms
0.560ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

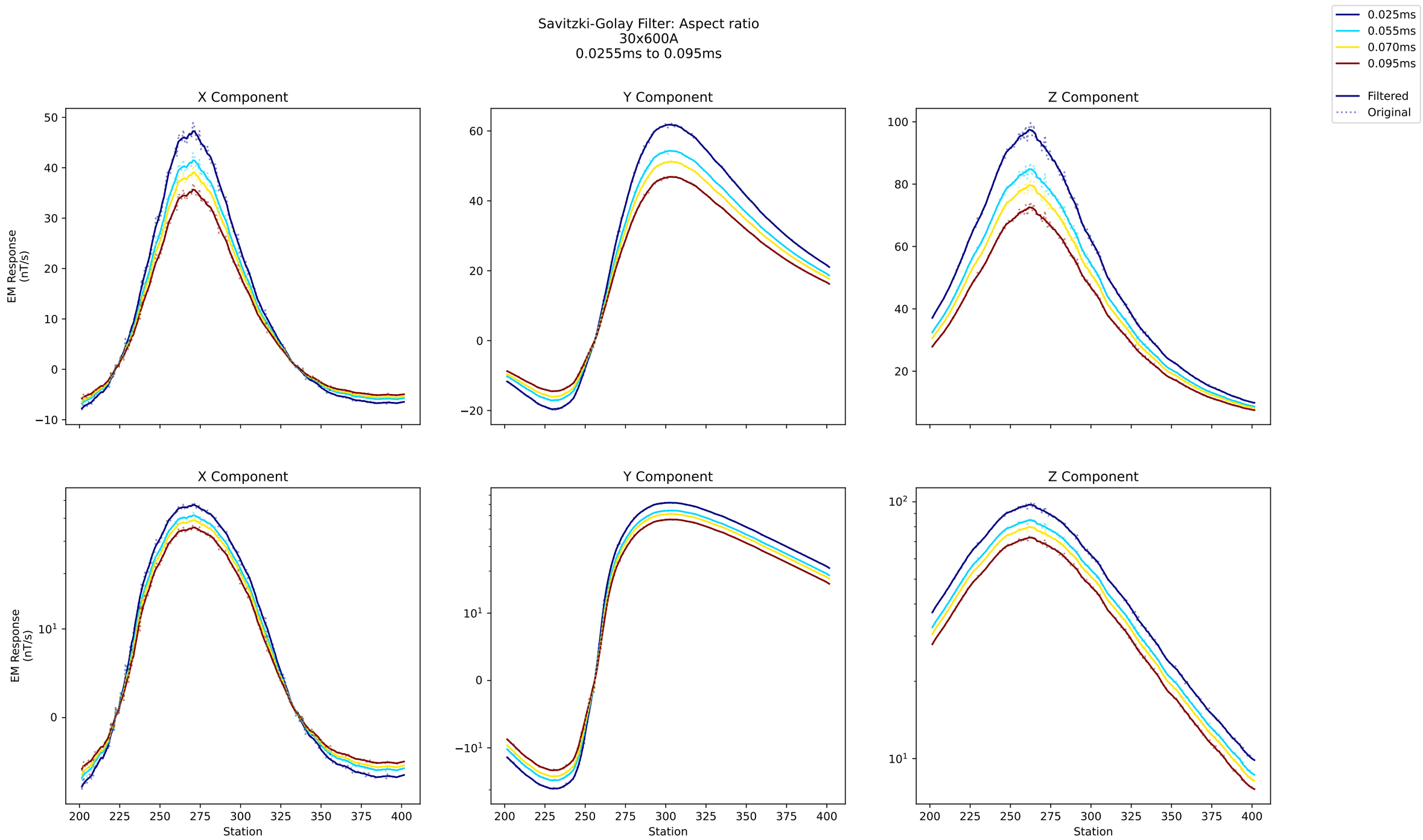

Savitzki-Golay Filter: Aspect ratio
30x150C
0.56ms to 1.315ms
0.560ms
0.745ms
0.990ms
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

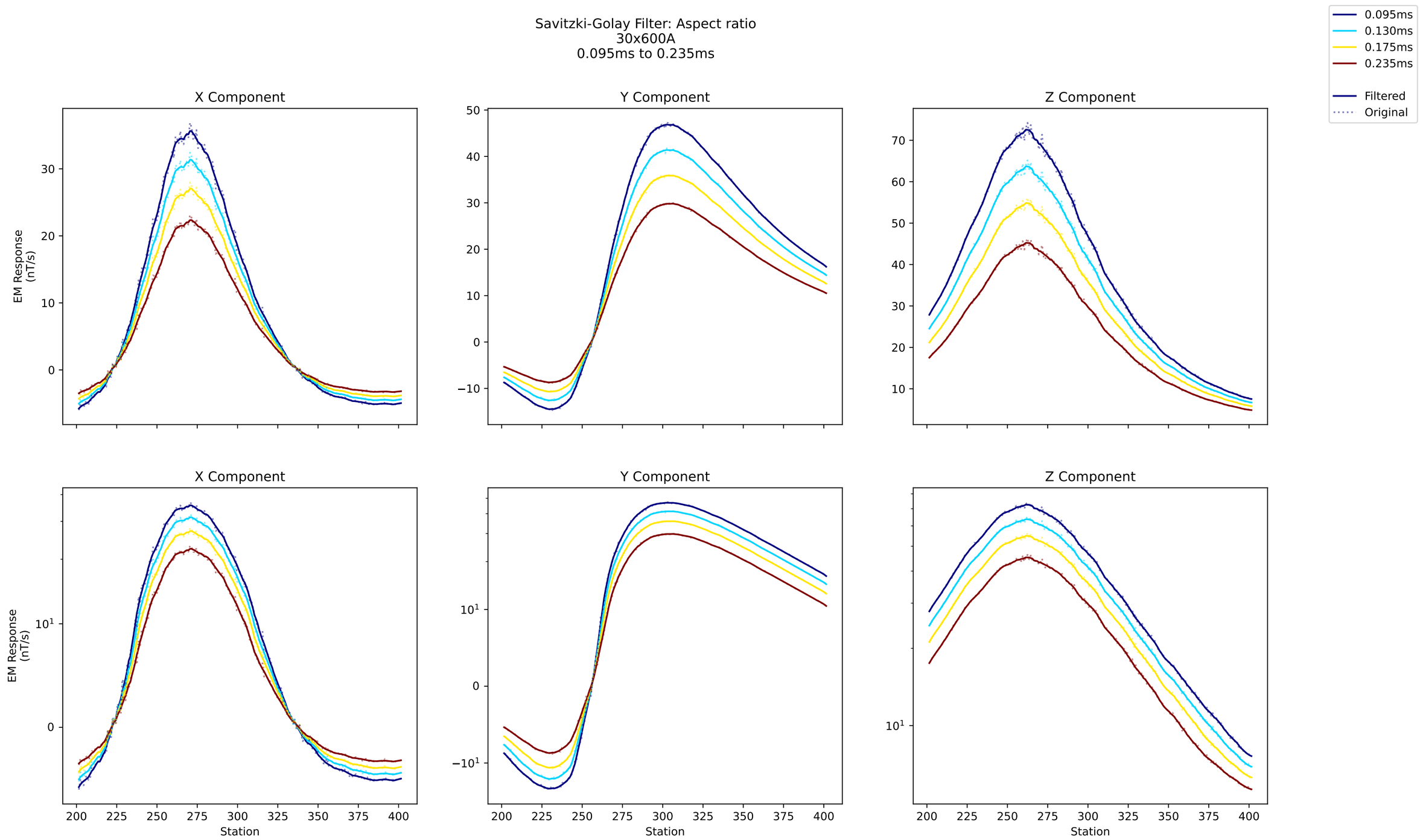

Savitzki-Golay Filter: Aspect ratio
30x150C
1.315ms to 3.075ms
1.315ms
1.745ms
2.315ms
3.075ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

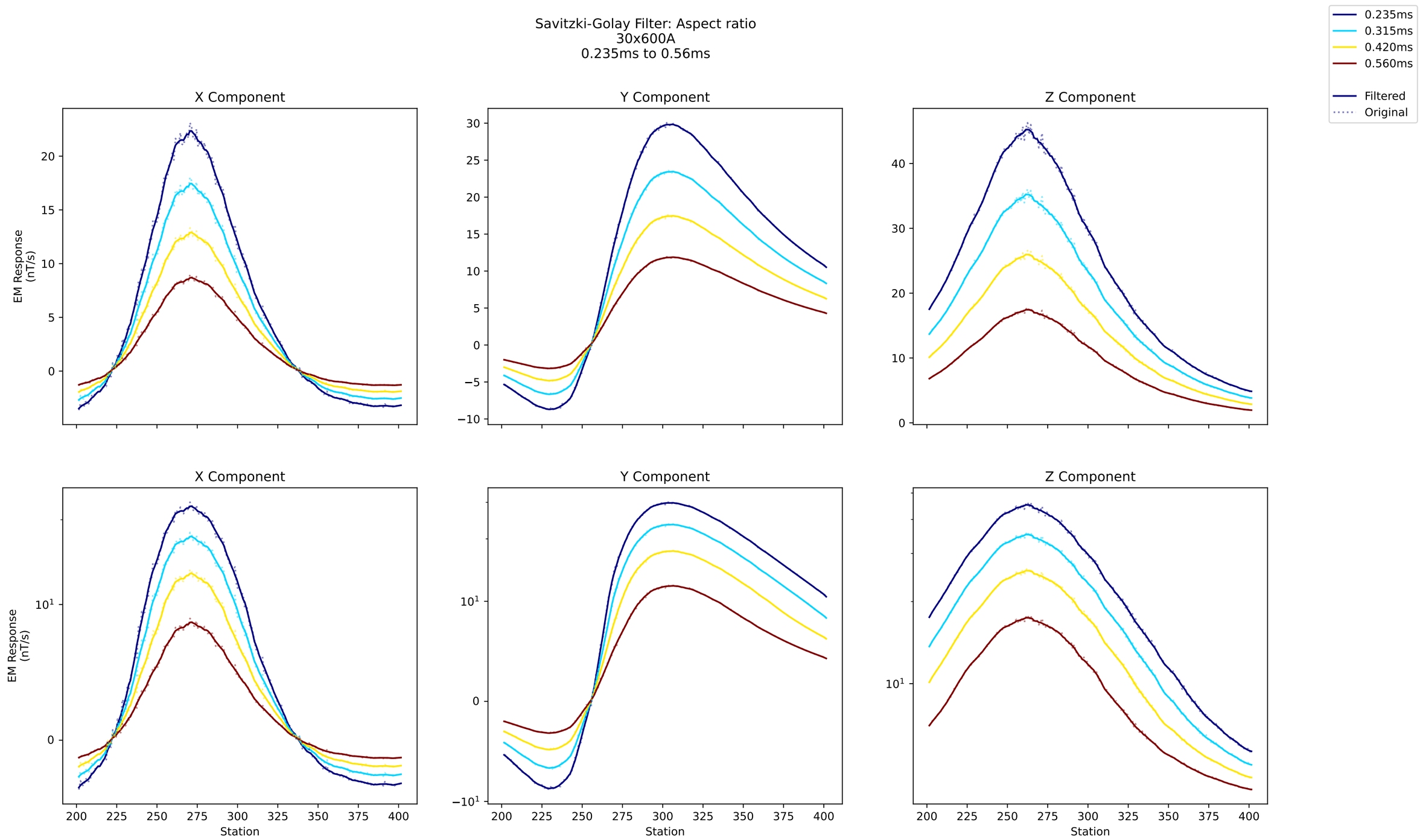

Savitzki-Golay Filter: Aspect ratio
30x150C
3.075ms to 7.205ms
3.075ms
4.085ms
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
EM Response (nT/s)
Station

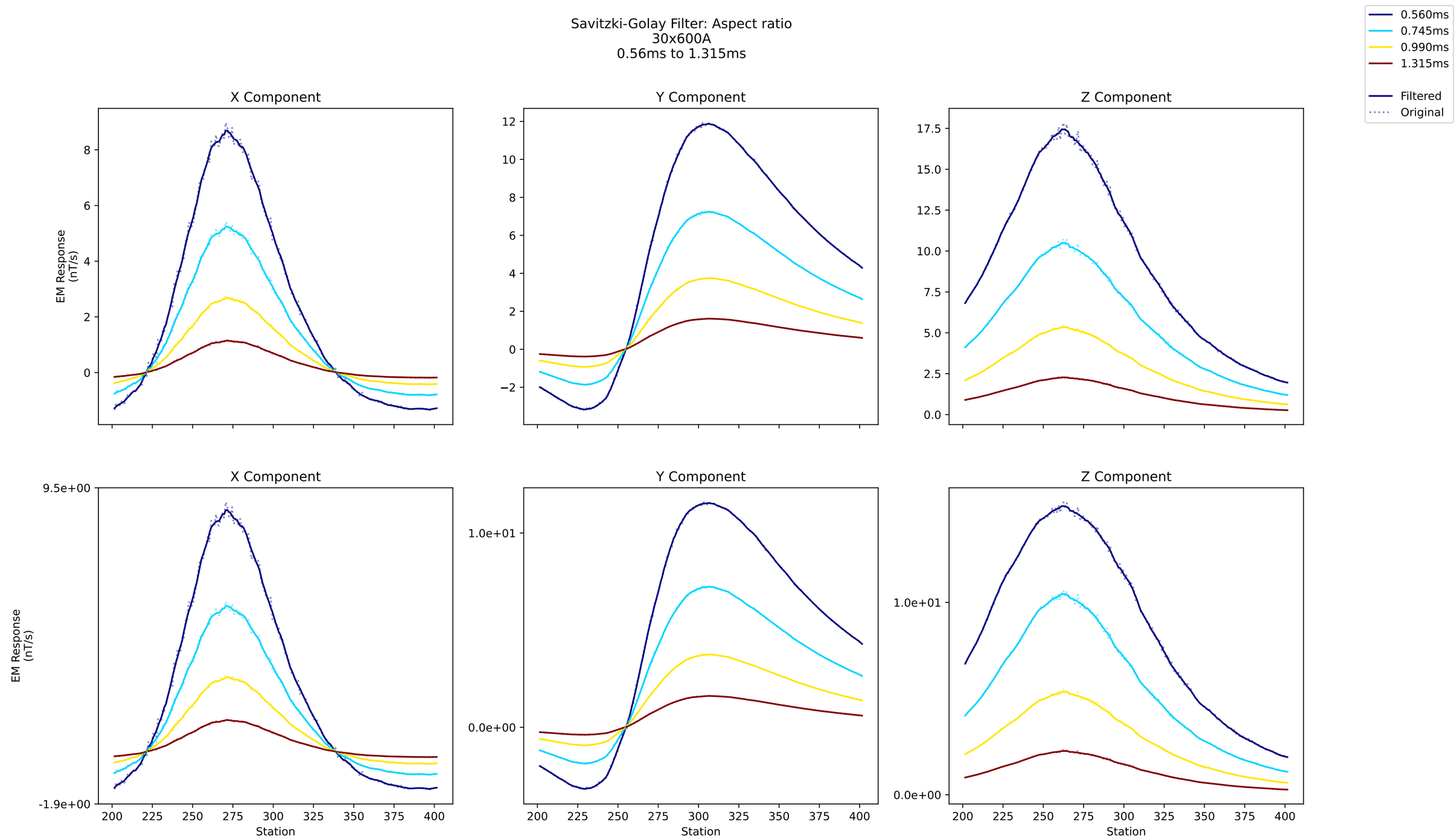

Savitzki-Golay Filter: Aspect ratio
30x150C
7.205ms to 22.73ms
7.205ms
9.570ms
12.660ms
22.730ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

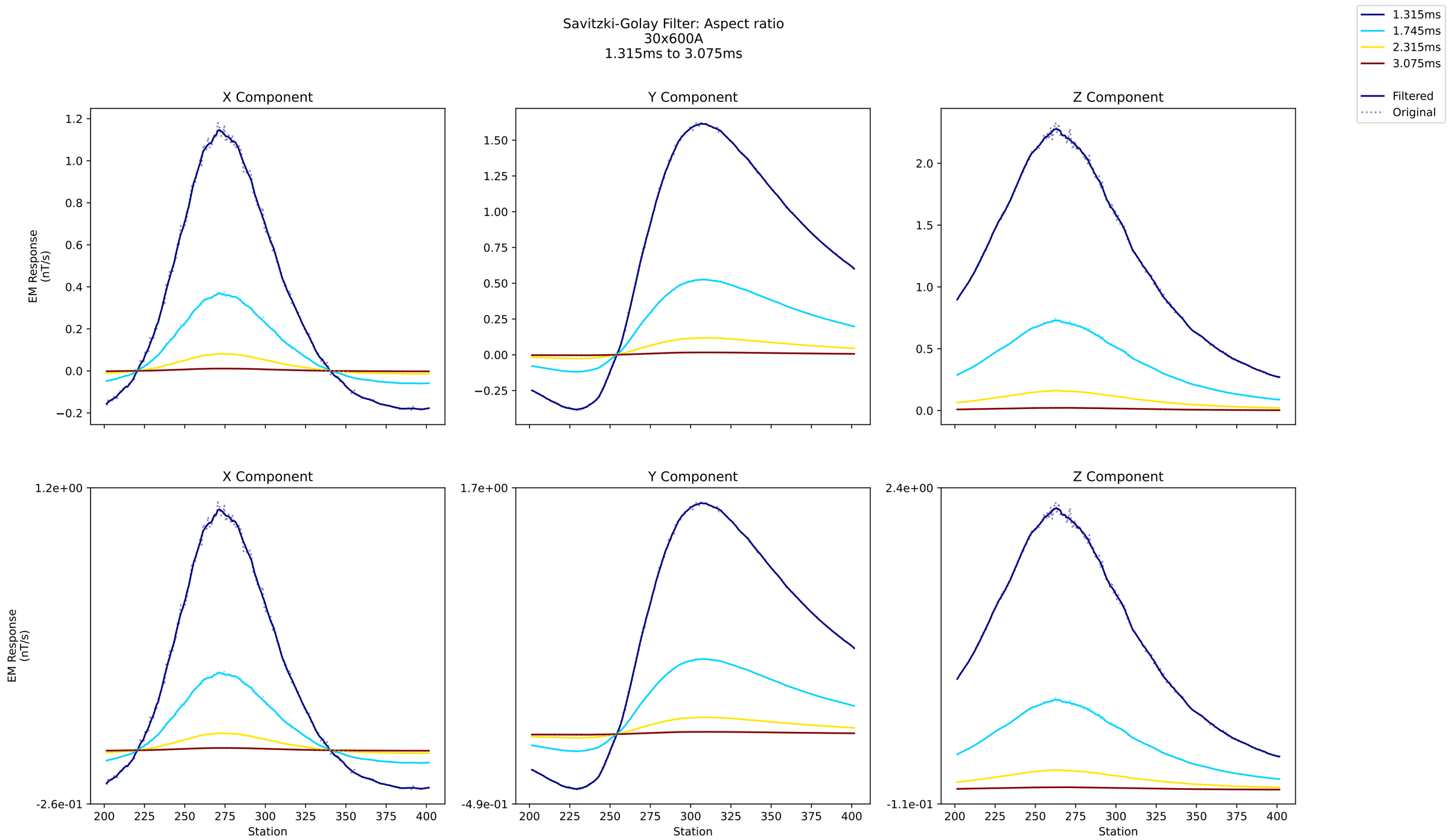

Savitzki-Golay Filter: Aspect ratio
30x150C
22.73ms to 48.115ms
22.730ms
39.395ms
48.115ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

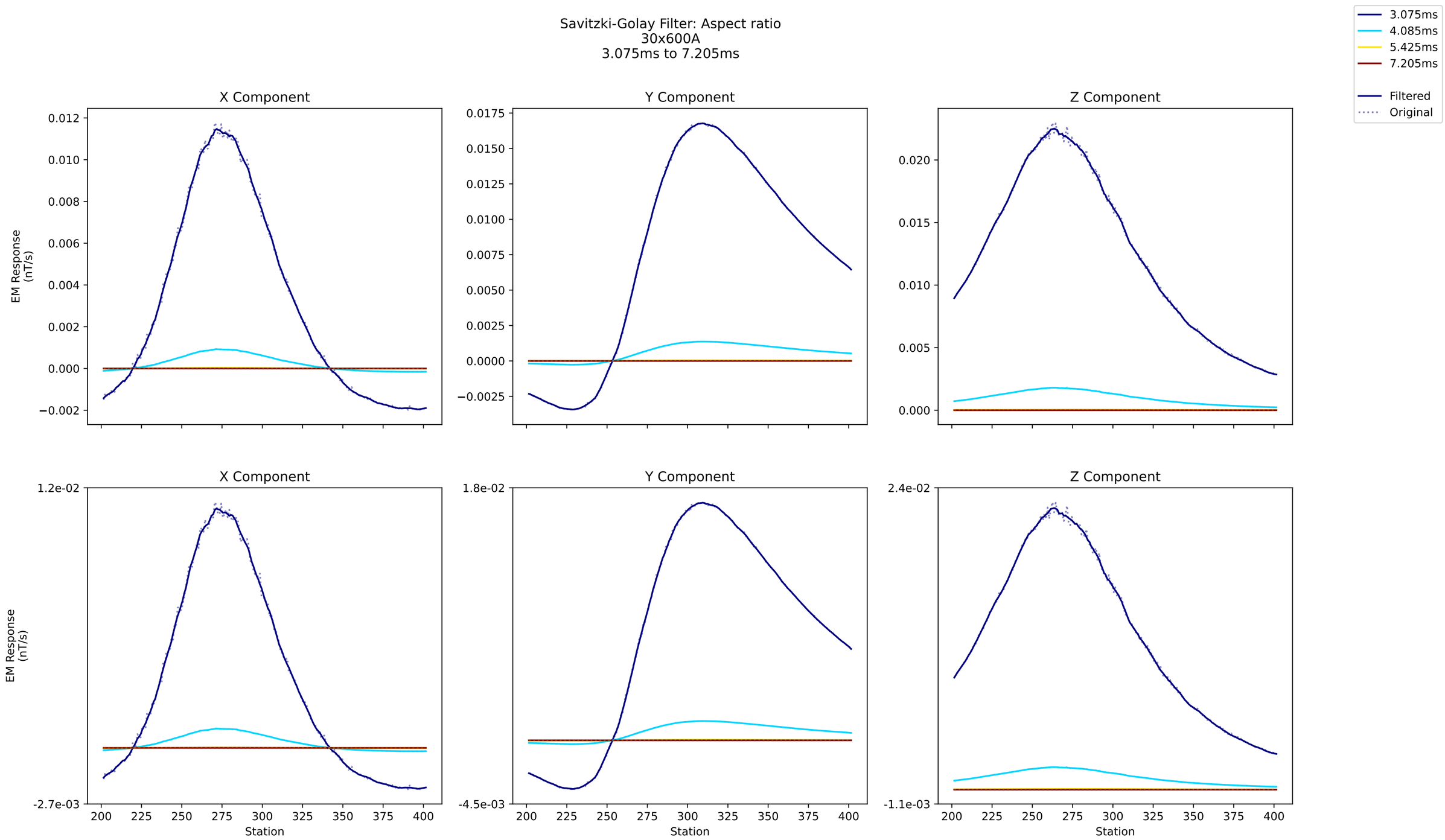

Savitzki-Golay Filter: Aspect ratio
30x600A
0.0255ms to 0.095ms
0.025ms
0.055ms
0.070ms
0.095ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

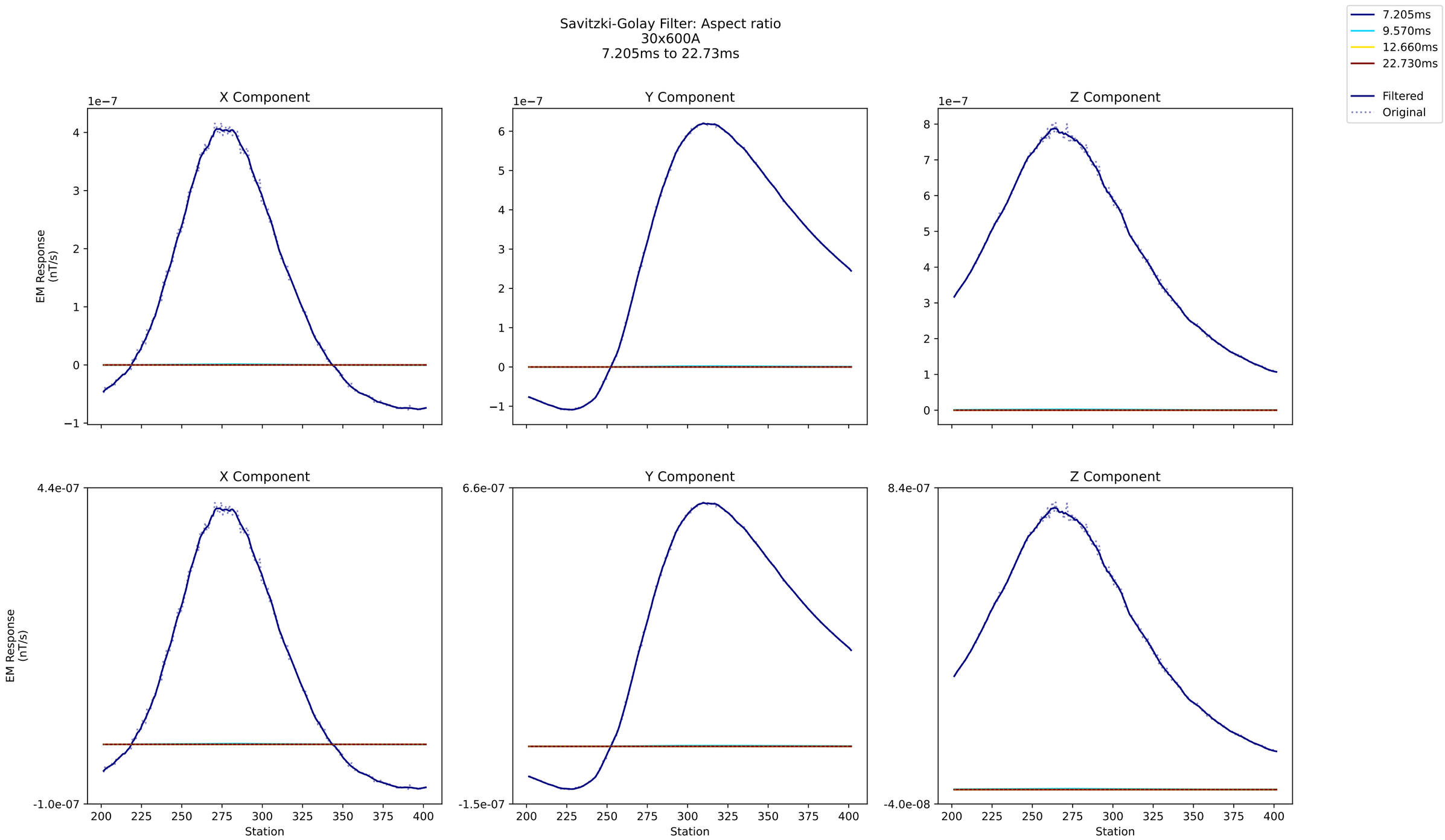

Savitzki-Golay Filter: Aspect ratio
30x600A
0.095ms to 0.235ms
0.095ms
0.130ms
0.175ms
0.235ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

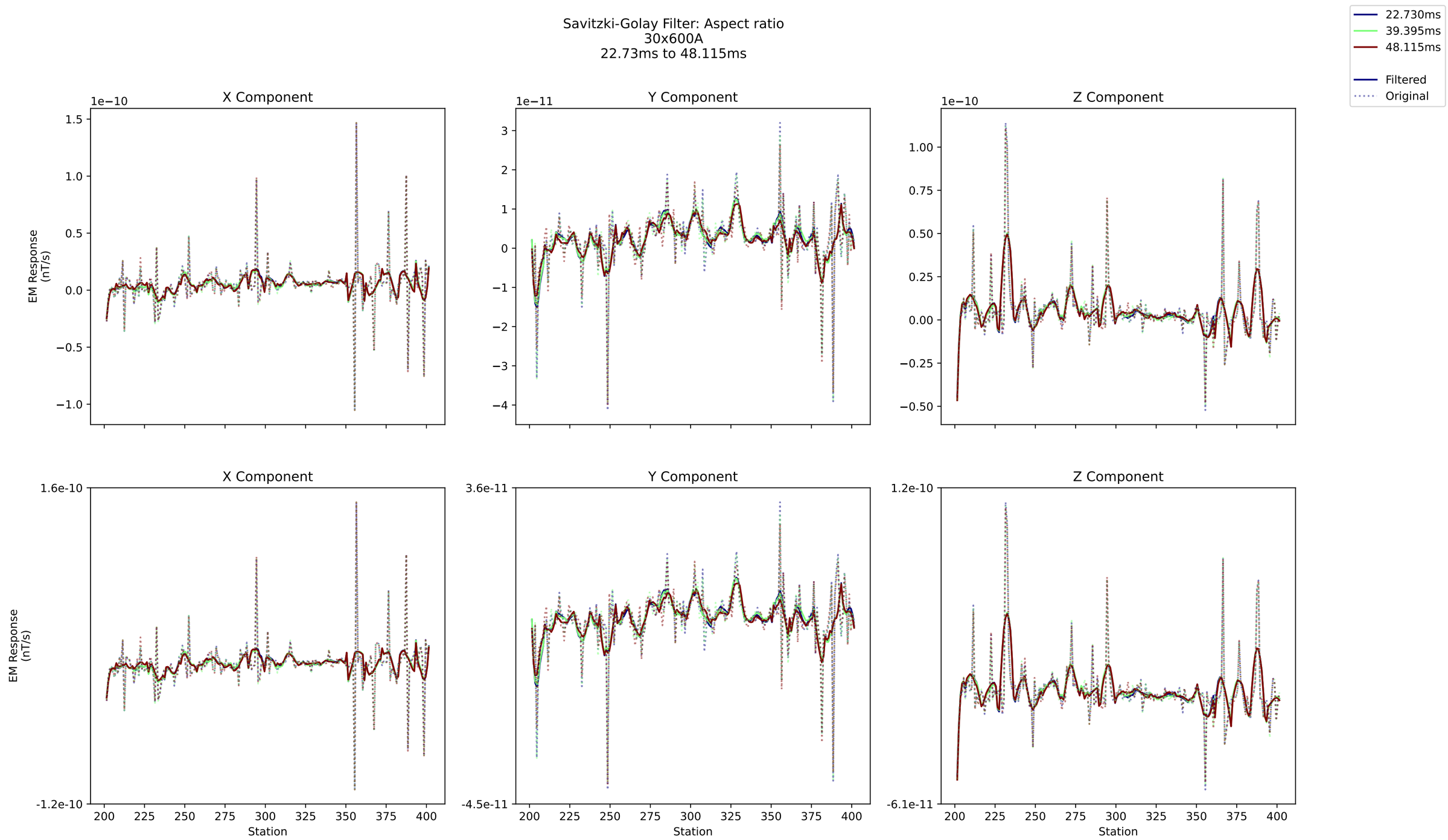

Savitzki-Golay Filter: Aspect ratio
30x600A
0.235ms to 0.56ms
0.235ms
0.315ms
0.420ms
0.560ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

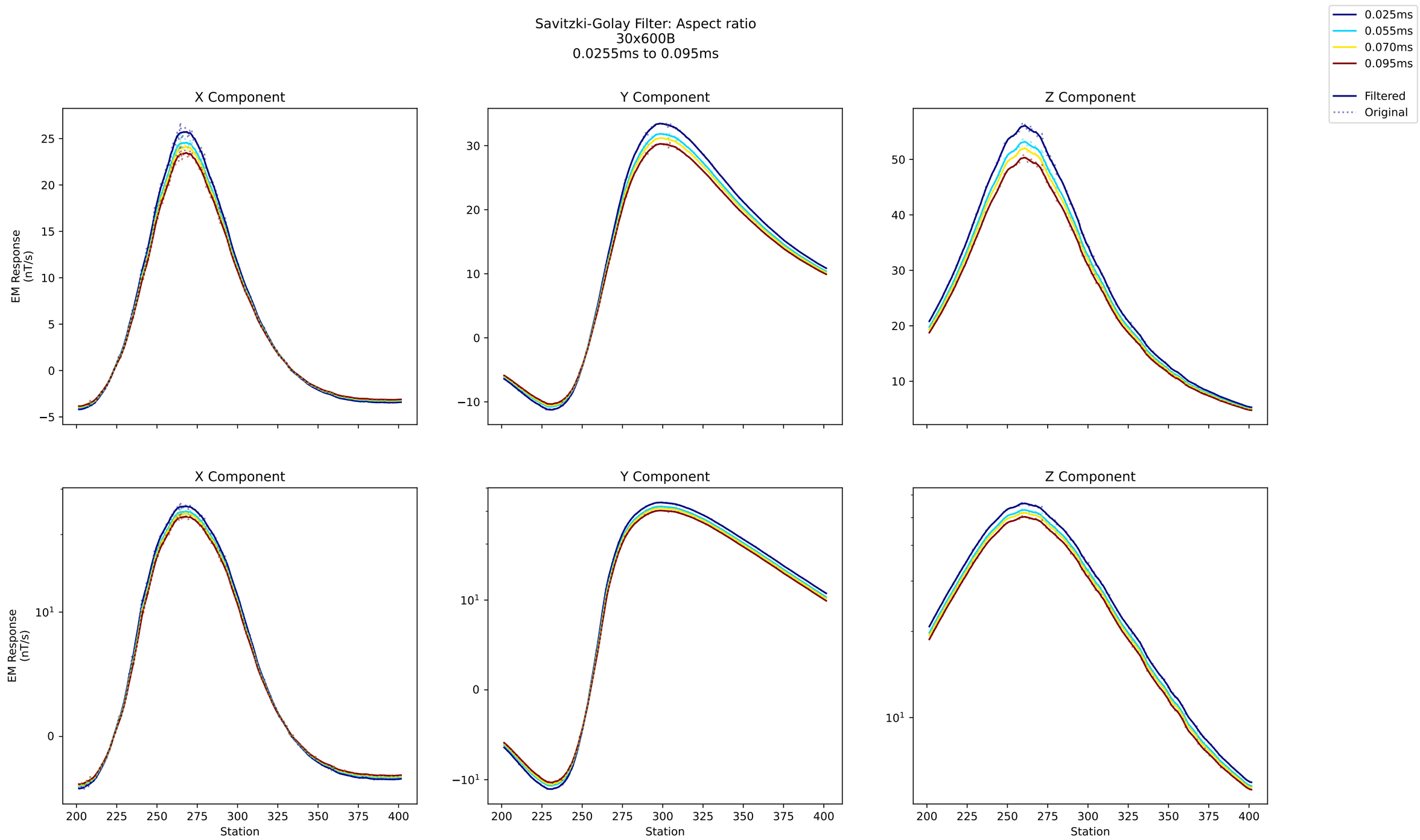

Savitzki-Golay Filter: Aspect ratio
30x600A
0.56ms to 1.315ms
0.560ms
0.745ms
0.990ms
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
9.5e+00
-1.9e+00
1.0e+01
0.0e+00
Station

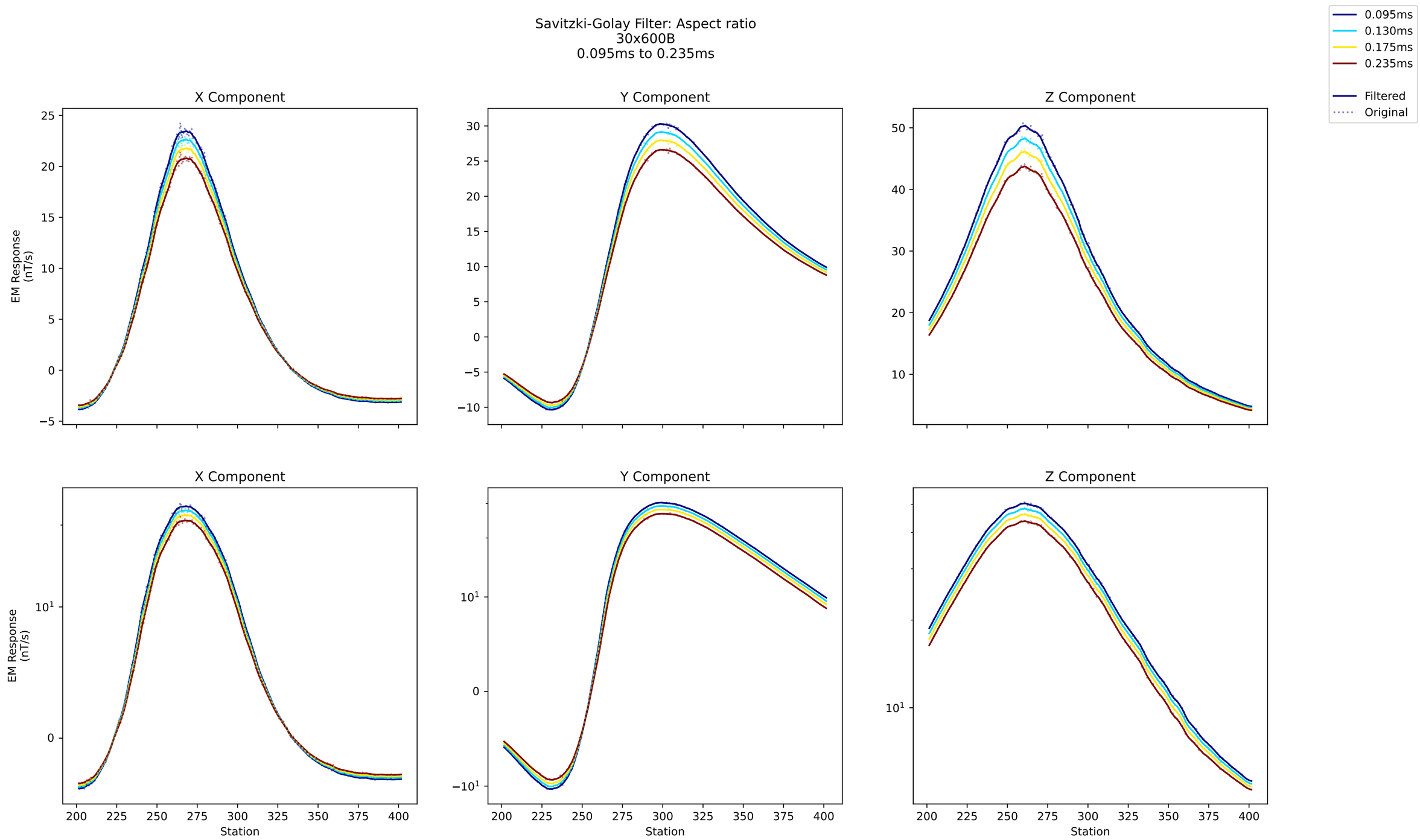

Savitzki-Golay Filter: Aspect ratio
30x600A
1.315ms to 3.075ms
1.315ms
1.745ms
2.315ms
3.075ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

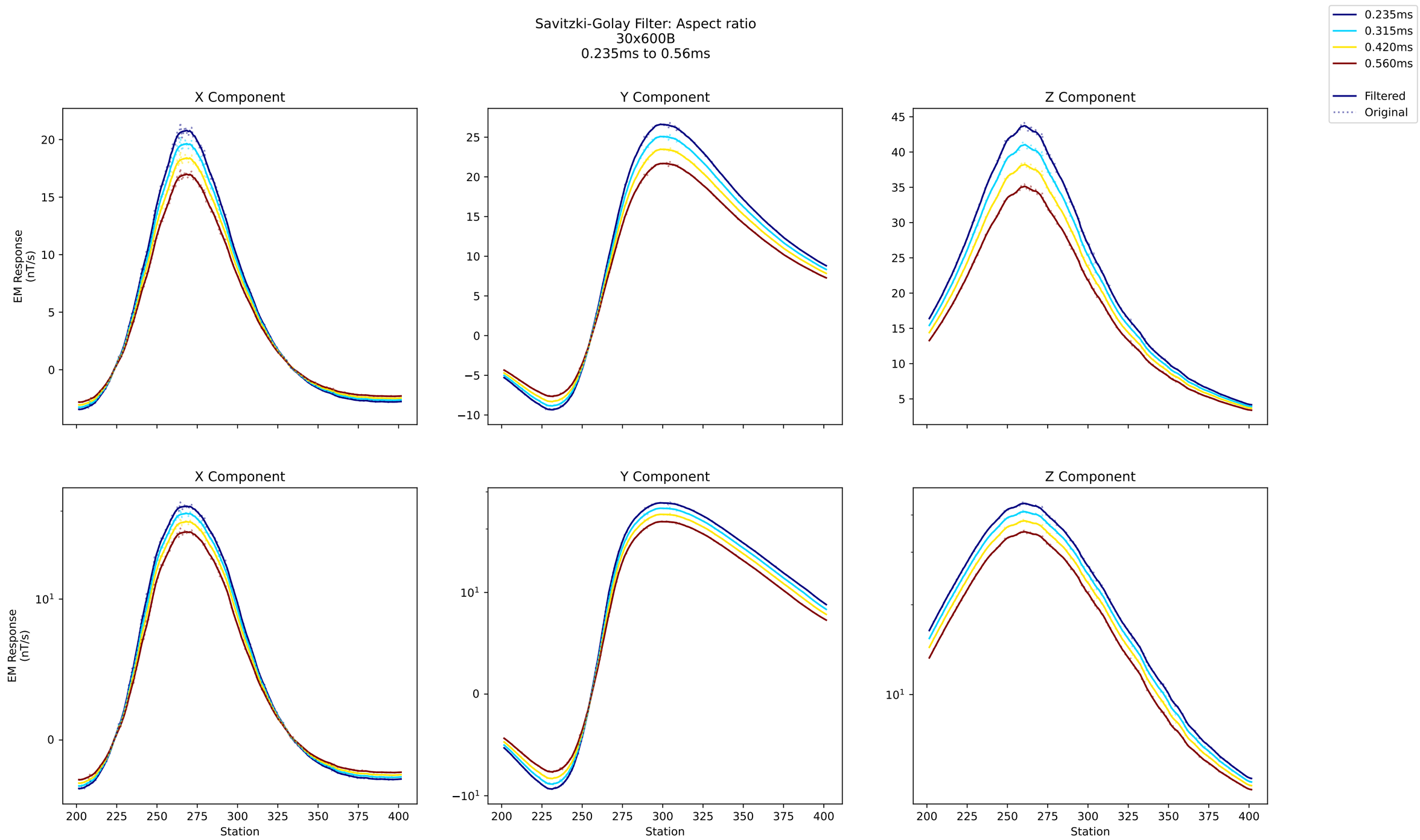

Savitzki-Golay Filter: Aspect ratio
30x600A
3.075ms to 7.205ms
3.075ms
4.085ms
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

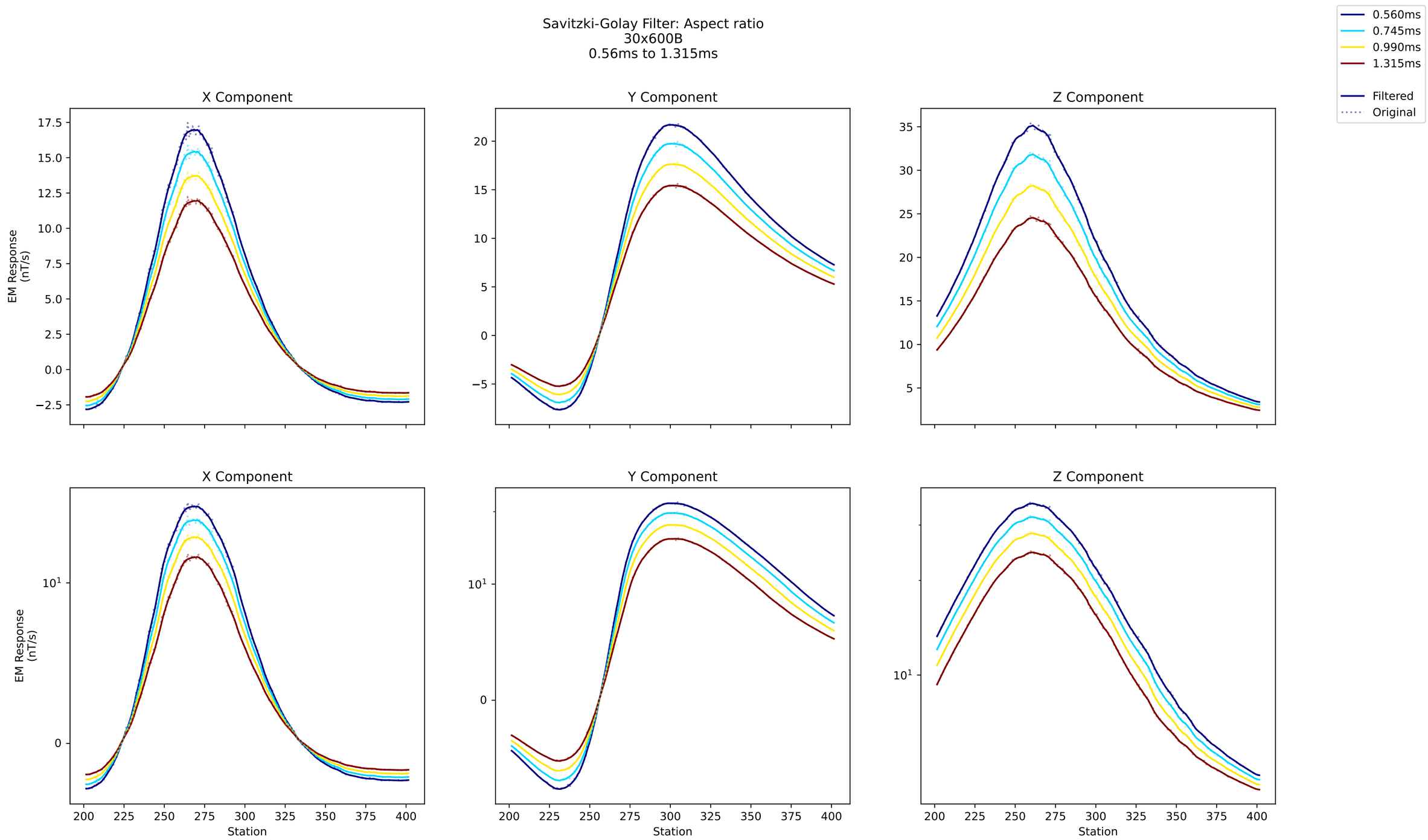

Savitzki-Golay Filter: Aspect ratio
30x600A
7.205ms to 22.73ms
7.205ms
9.570ms
12.660ms
22.730ms
Filtered
Original
X Component
Y Component
Z Component
1e−7
EM Response
(nT/s)
4.4e-07
-1.0e-07
6.6e-07
-1.5e-07
8.4e-07
-4.0e-08
200
225
250
275
300
325
350
375
400
Station

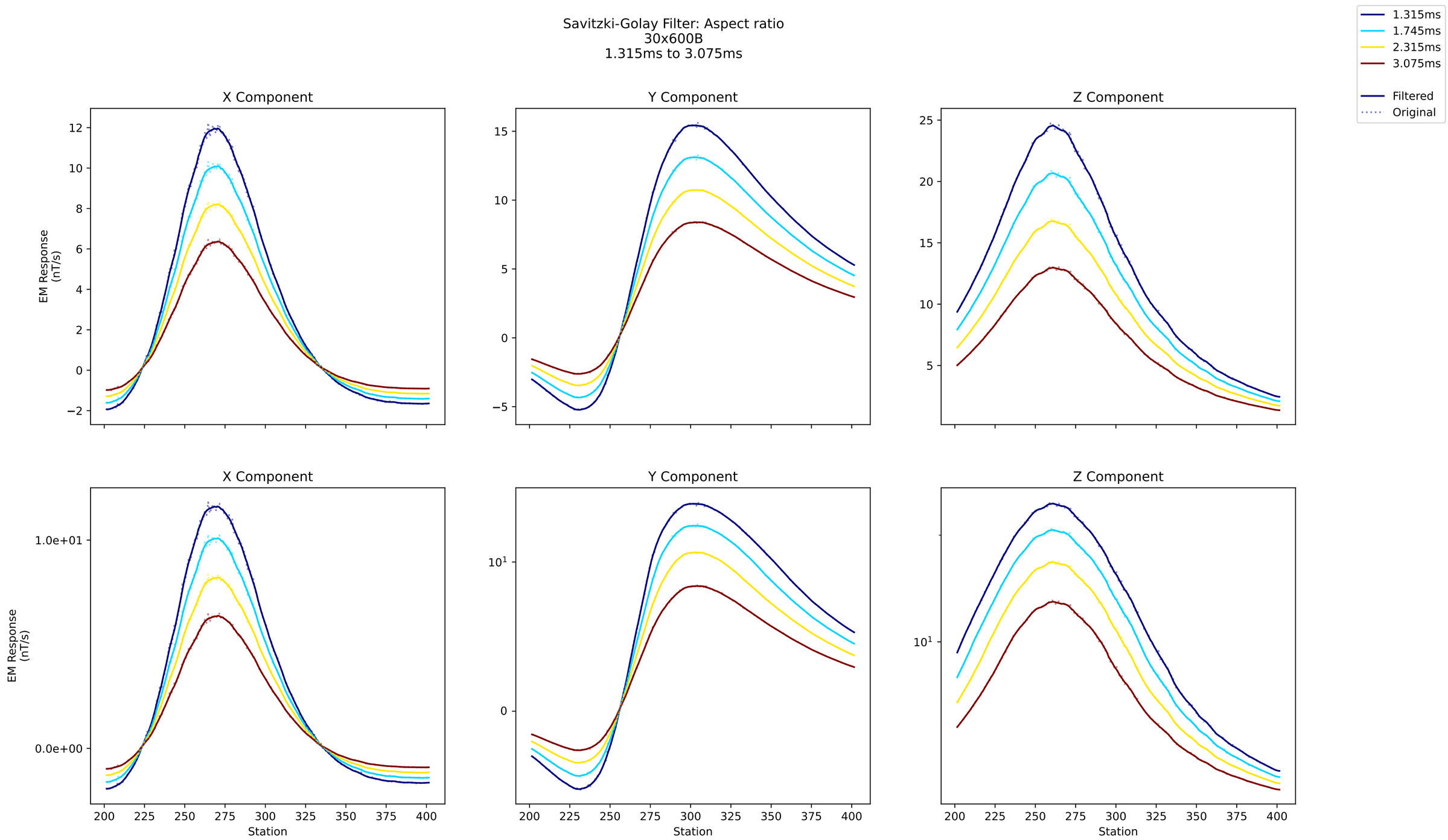

Savitzki-Golay Filter: Aspect ratio
30x600A
22.73ms to 48.115ms
22.730ms
39.395ms
48.115ms
Filtered
Original
X Component
Y Component
Z Component
1e−10
1e−11
1e−10
EM Response
(nT/s)
1.6e-10
-1.2e-10
3.6e-11
-4.5e-11
1.2e-10
-6.1e-11
200 225 250 275 300 325 350 375 400
Station

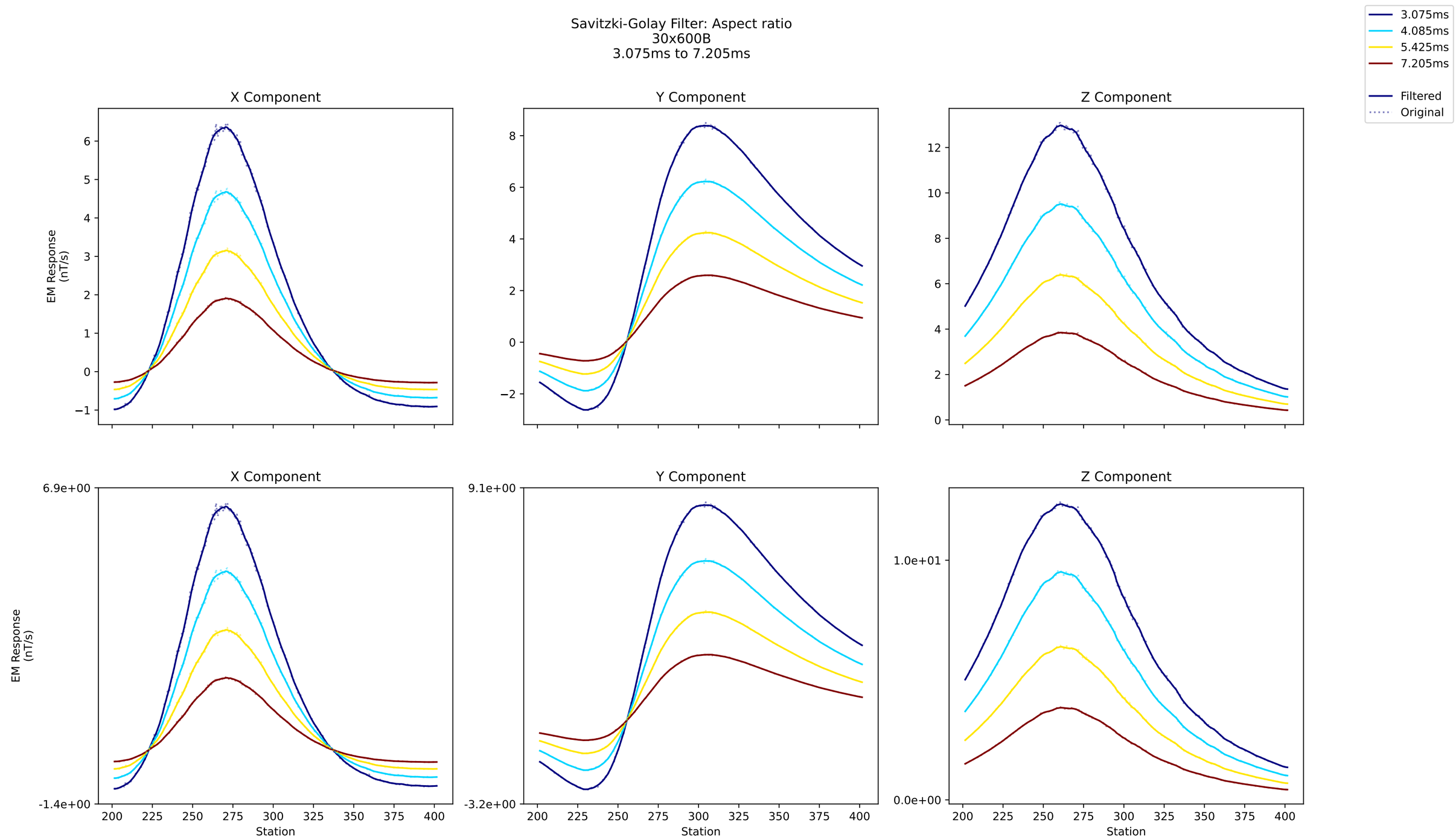

Savitzki-Golay Filter: Aspect ratio
30x600B
0.0255ms to 0.095ms
0.025ms
0.055ms
0.070ms
0.095ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

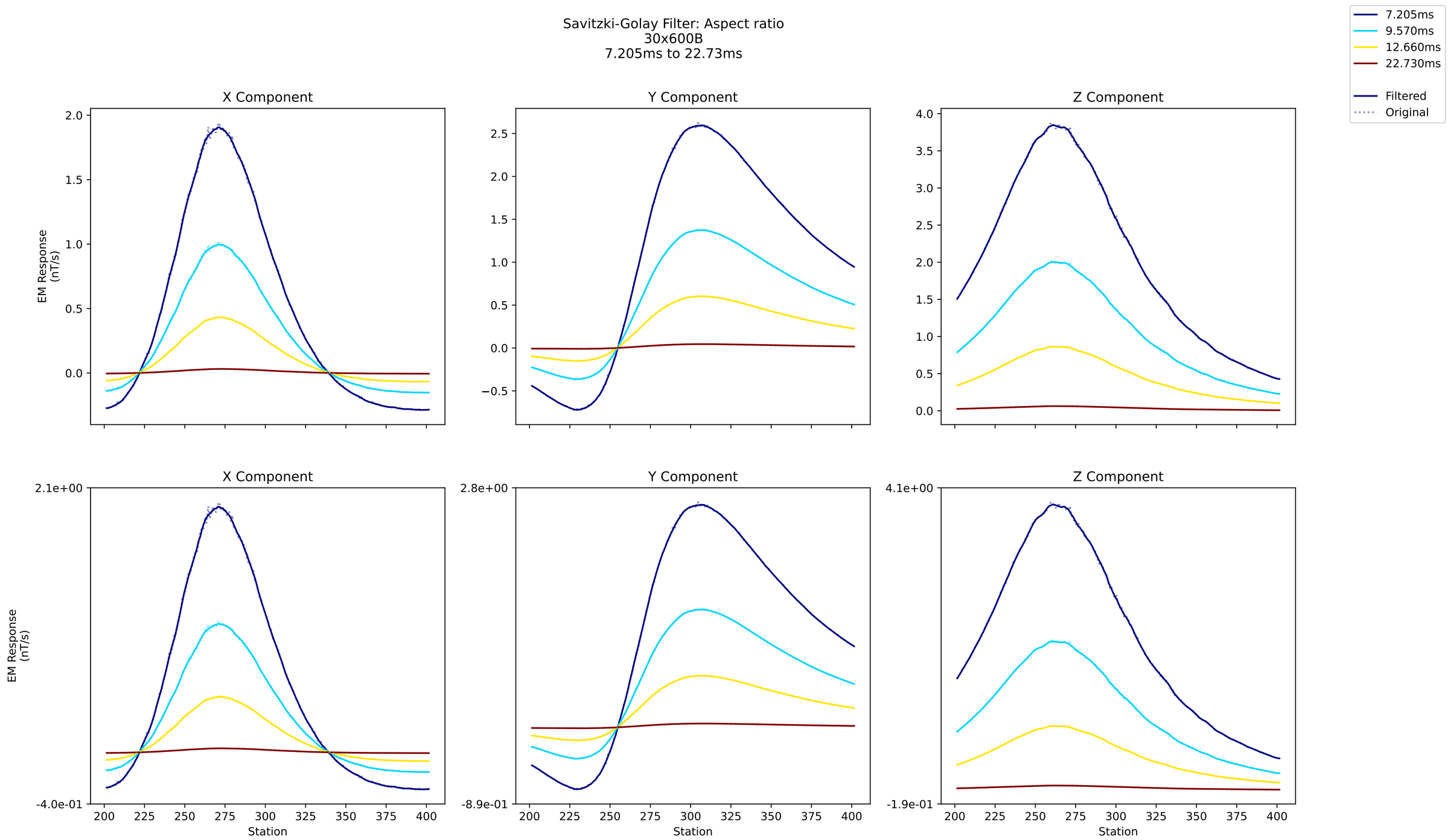

Savitzki-Golay Filter: Aspect ratio
30x600B
0.095ms to 0.235ms
0.095ms
0.130ms
0.175ms
0.235ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

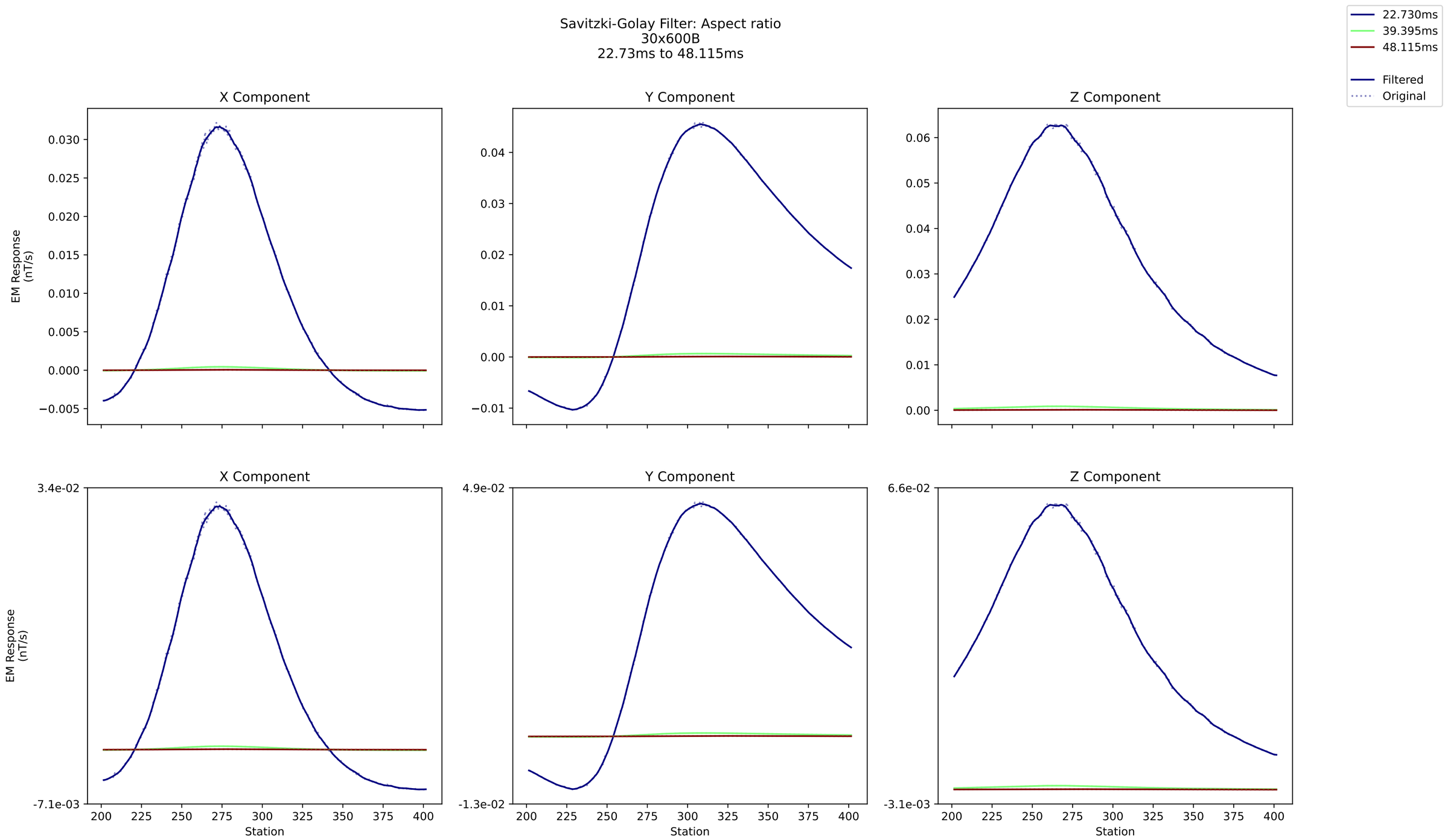

Savitzki-Golay Filter: Aspect ratio
30x600B
0.235ms to 0.56ms
0.235ms
0.315ms
0.420ms
0.560ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

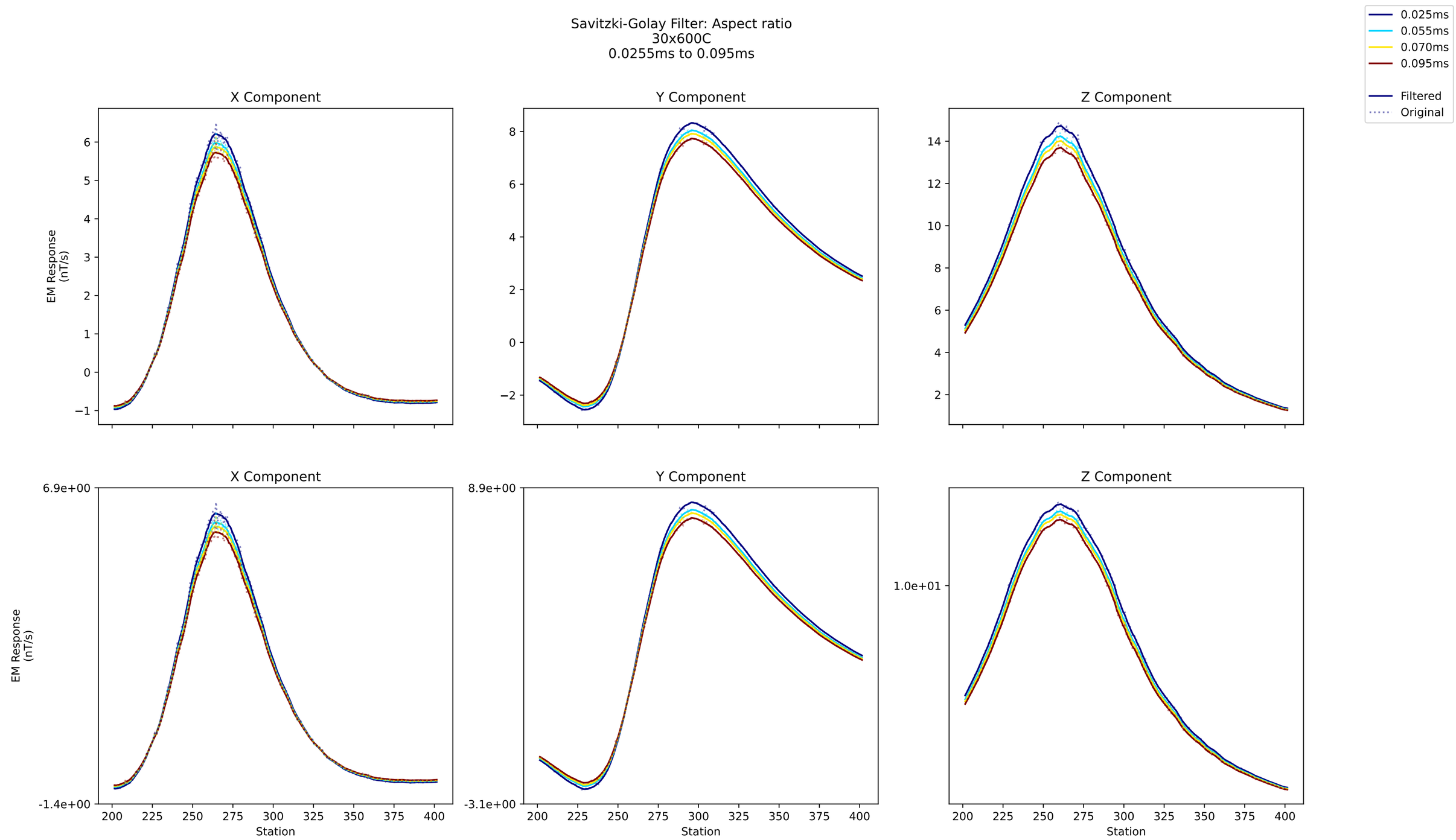

Savitzki-Golay Filter: Aspect ratio
30x600B
0.56ms to 1.315ms
0.560ms
0.745ms
0.990ms
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

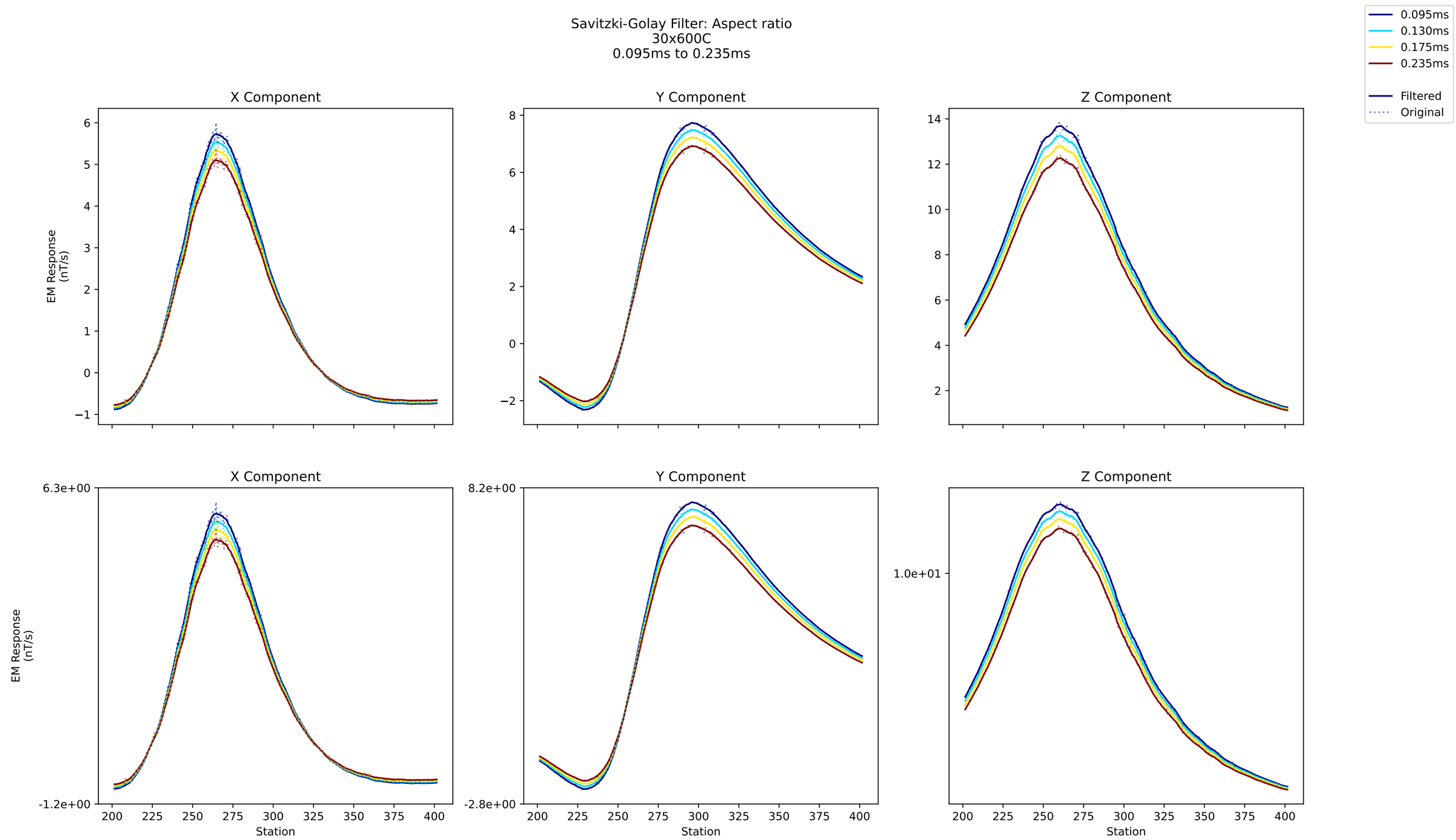

Savitzki-Golay Filter: Aspect ratio
30x600B
1.315ms to 3.075ms
1.315ms
1.745ms
2.315ms
3.075ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station
1.0e+01
0.0e+00
10^1

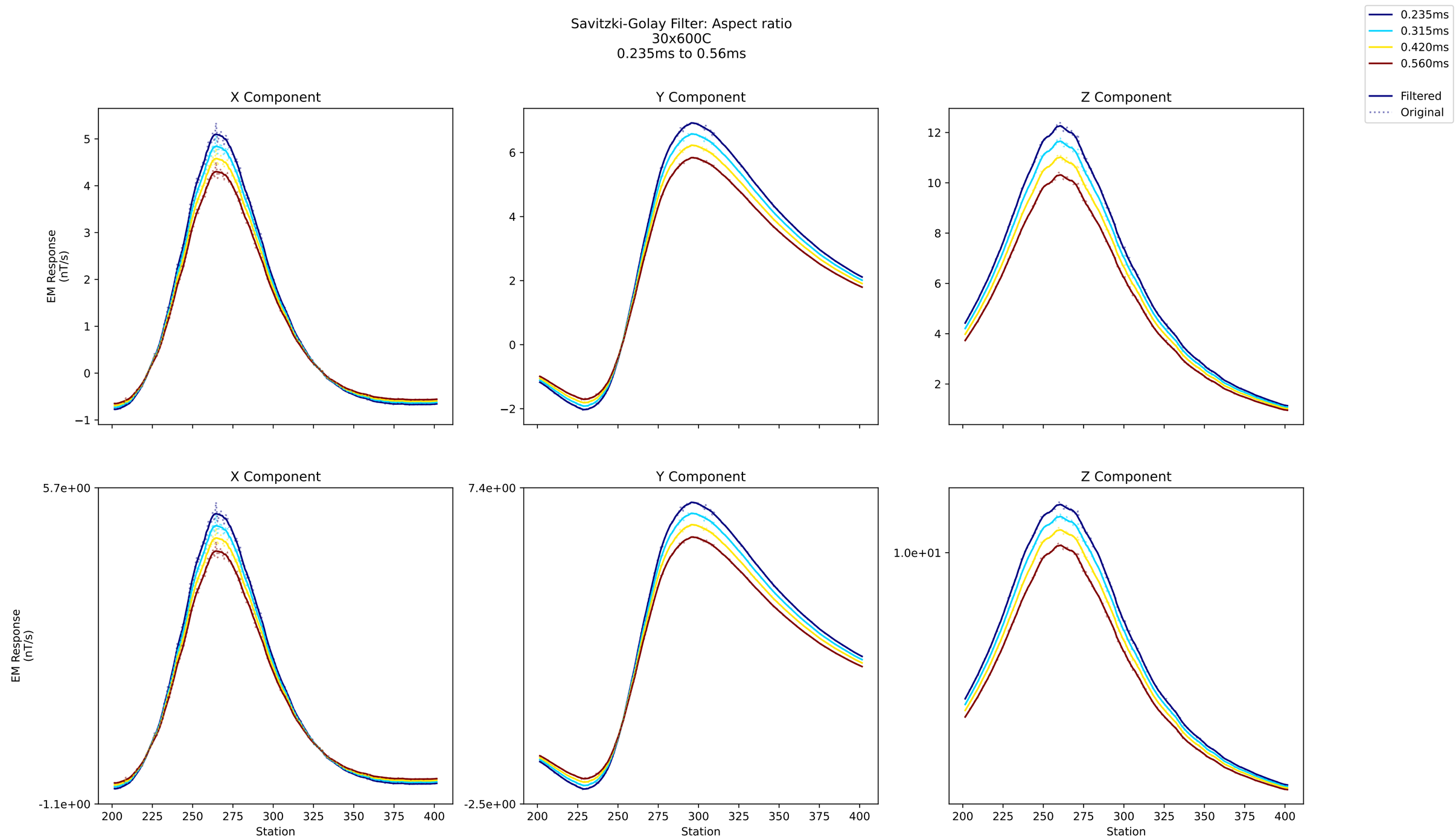

Savitzki-Golay Filter: Aspect ratio
30x600B
3.075ms to 7.205ms
3.075ms
4.085ms
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
6.9e+00
-1.4e+00
9.1e+00
-3.2e+00
1.0e+01
0.0e+00
200
225
250
275
300
325
350
375
400
Station

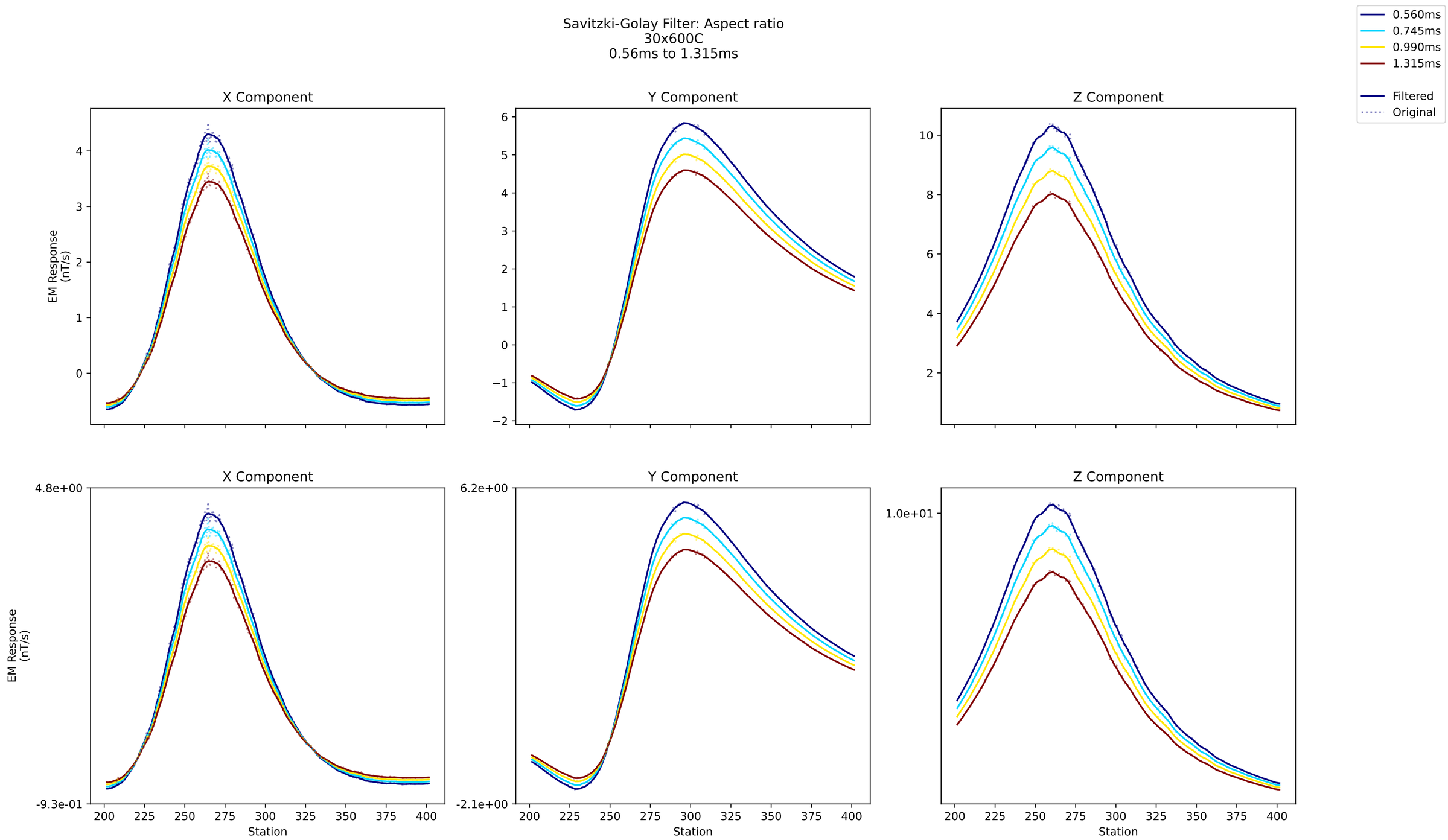

Savitzki-Golay Filter: Aspect ratio
30x600B
7.205ms to 22.73ms
7.205ms
9.570ms
12.660ms
22.730ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
2.1e+00
-4.0e-01
2.8e+00
-8.9e-01
4.1e+00
-1.9e-01
Station

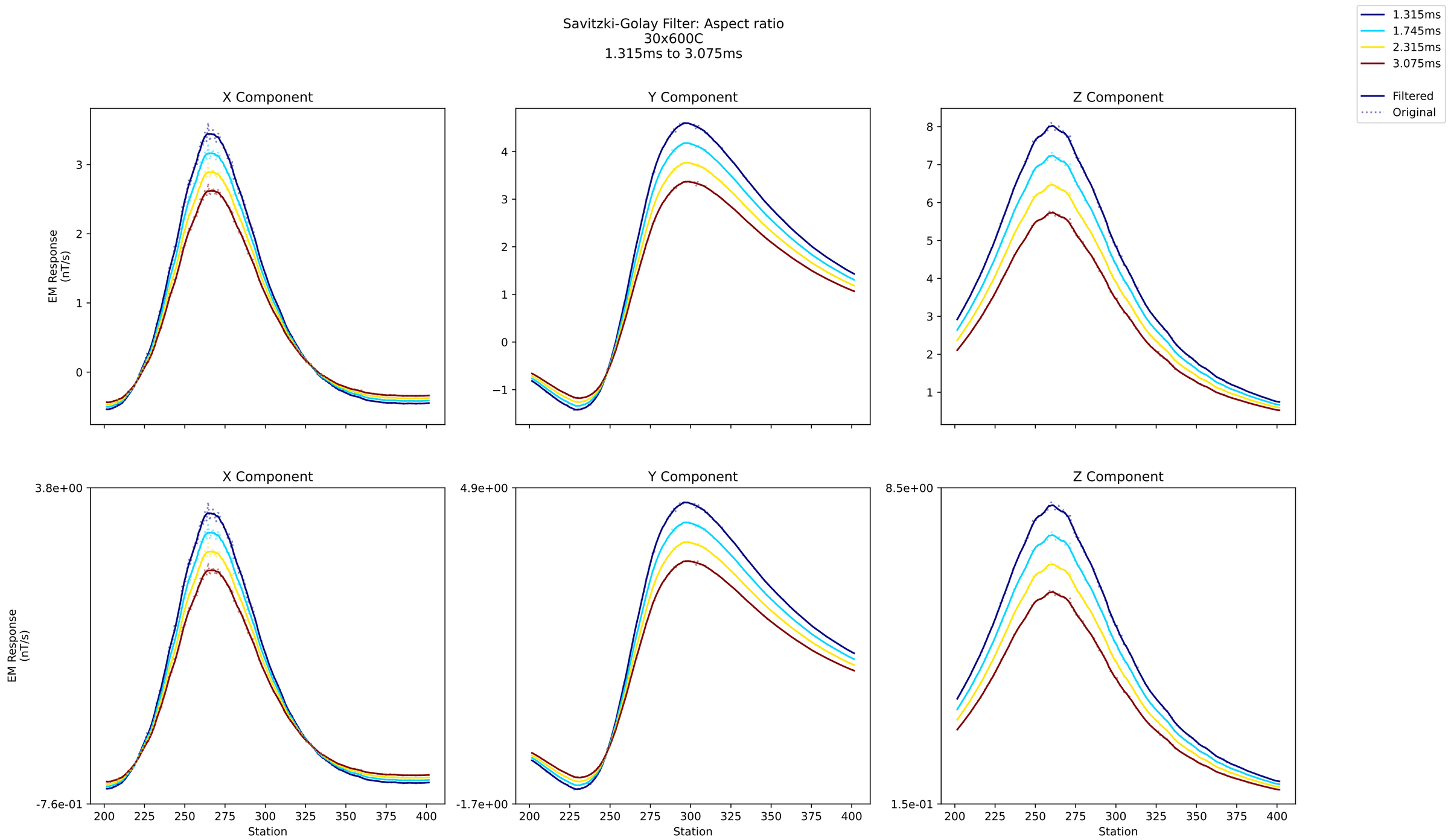

Savitzki-Golay Filter: Aspect ratio
30x600B
22.73ms to 48.115ms
22.730ms
39.395ms
48.115ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station
3.4e-02
-7.1e-03
4.9e-02
-1.3e-02
6.6e-02
-3.1e-03

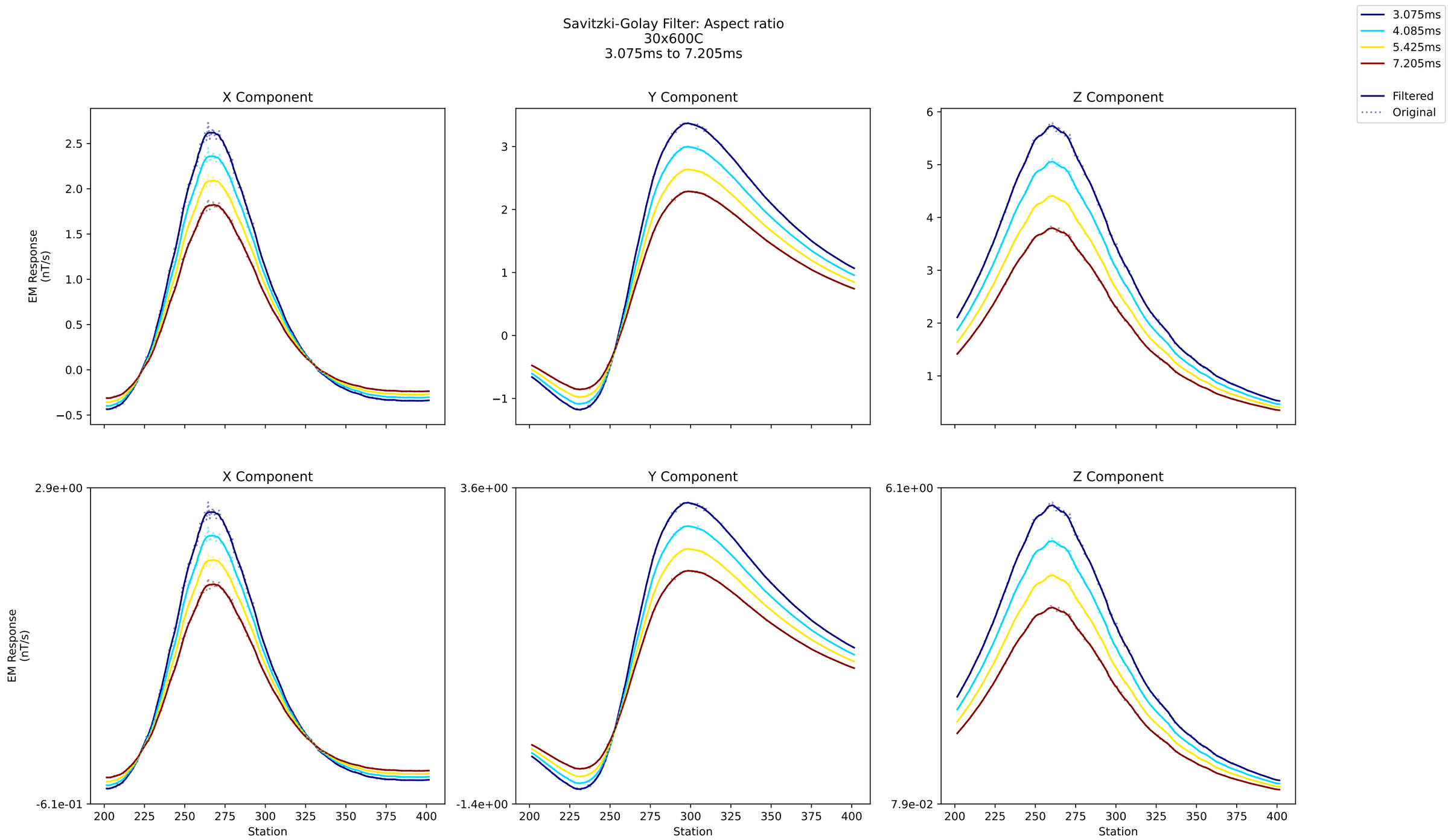

Savitzki-Golay Filter: Aspect ratio
30x600C
0.0255ms to 0.095ms
0.025ms
0.055ms
0.070ms
0.095ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
6.9e+00
-1.4e+00
8.9e+00
-3.1e+00
1.0e+01
200
225
250
275
300
325
350
375
400
Station

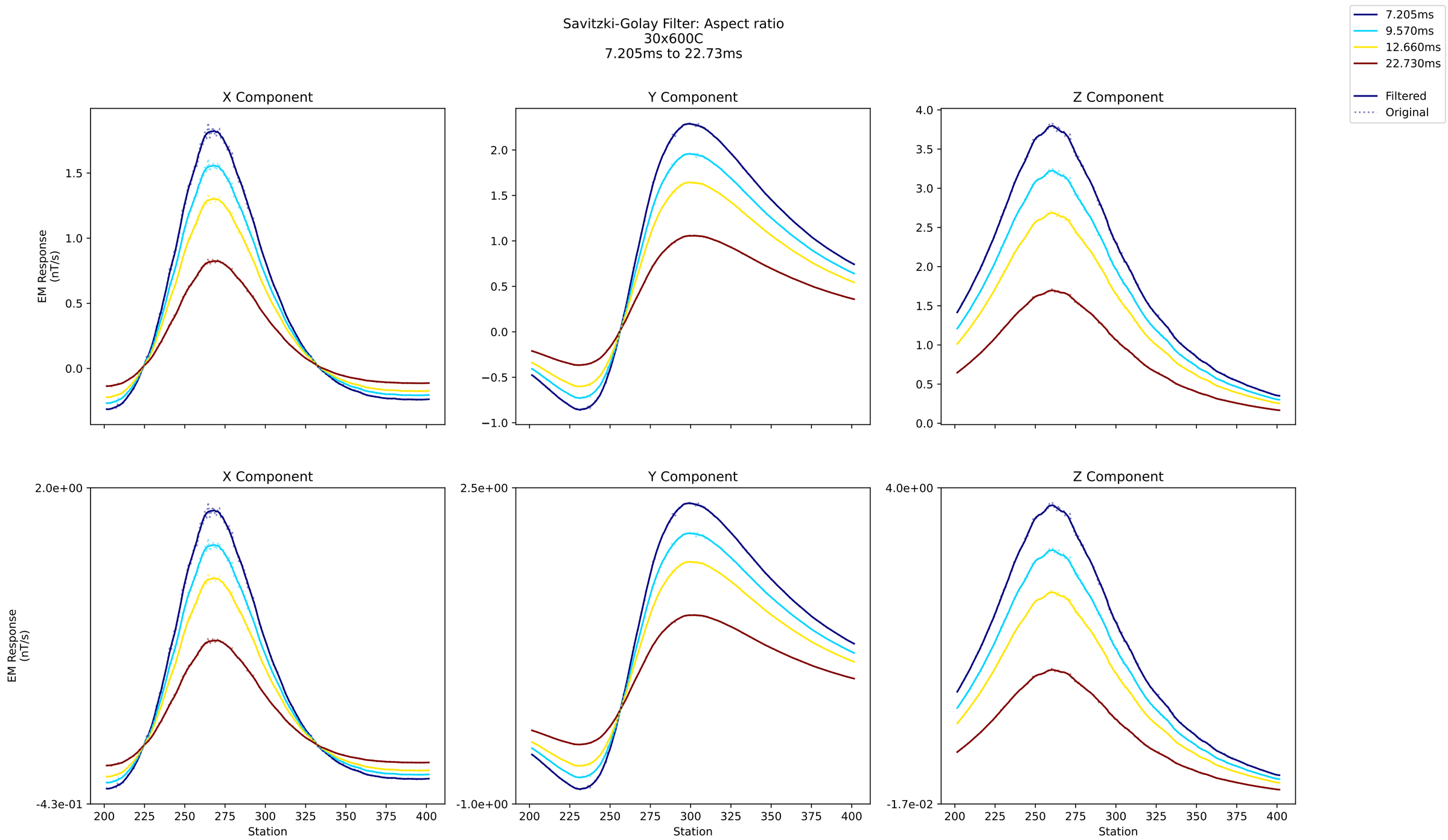

Savitzki-Golay Filter: Aspect ratio
30x600C
0.095ms to 0.235ms
0.095ms
0.130ms
0.175ms
0.235ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
6.3e+00
-1.2e+00
8.2e+00
-2.8e+00
1.0e+01
200
225
250
275
300
325
350
375
400
Station

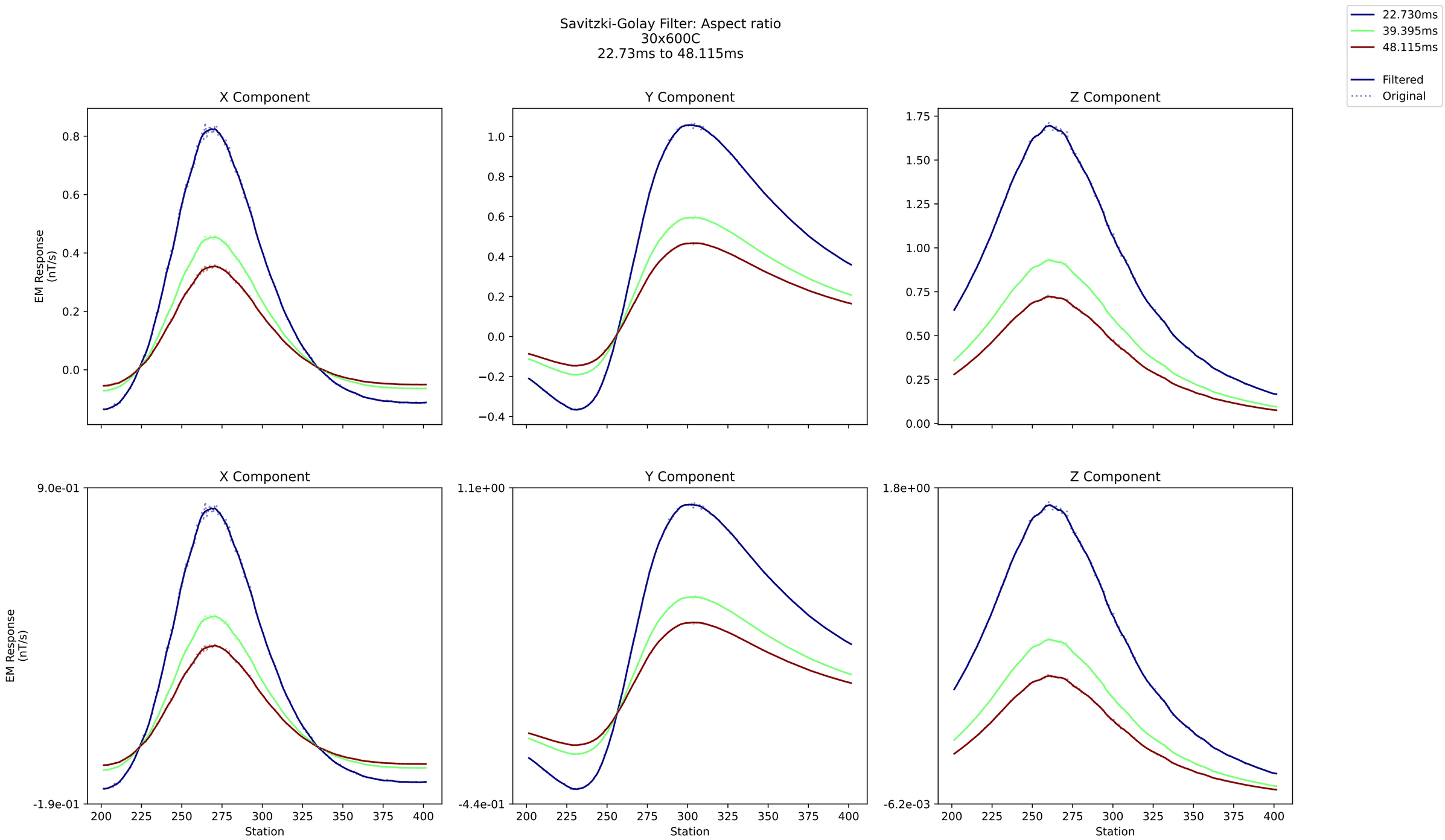

Savitzki-Golay Filter: Aspect ratio
30x600C
0.235ms to 0.56ms
0.235ms
0.315ms
0.420ms
0.560ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
5.7e+00
-1.1e+00
7.4e+00
-2.5e+00
1.0e+01
200
225
250
275
300
325
350
375
400
Station

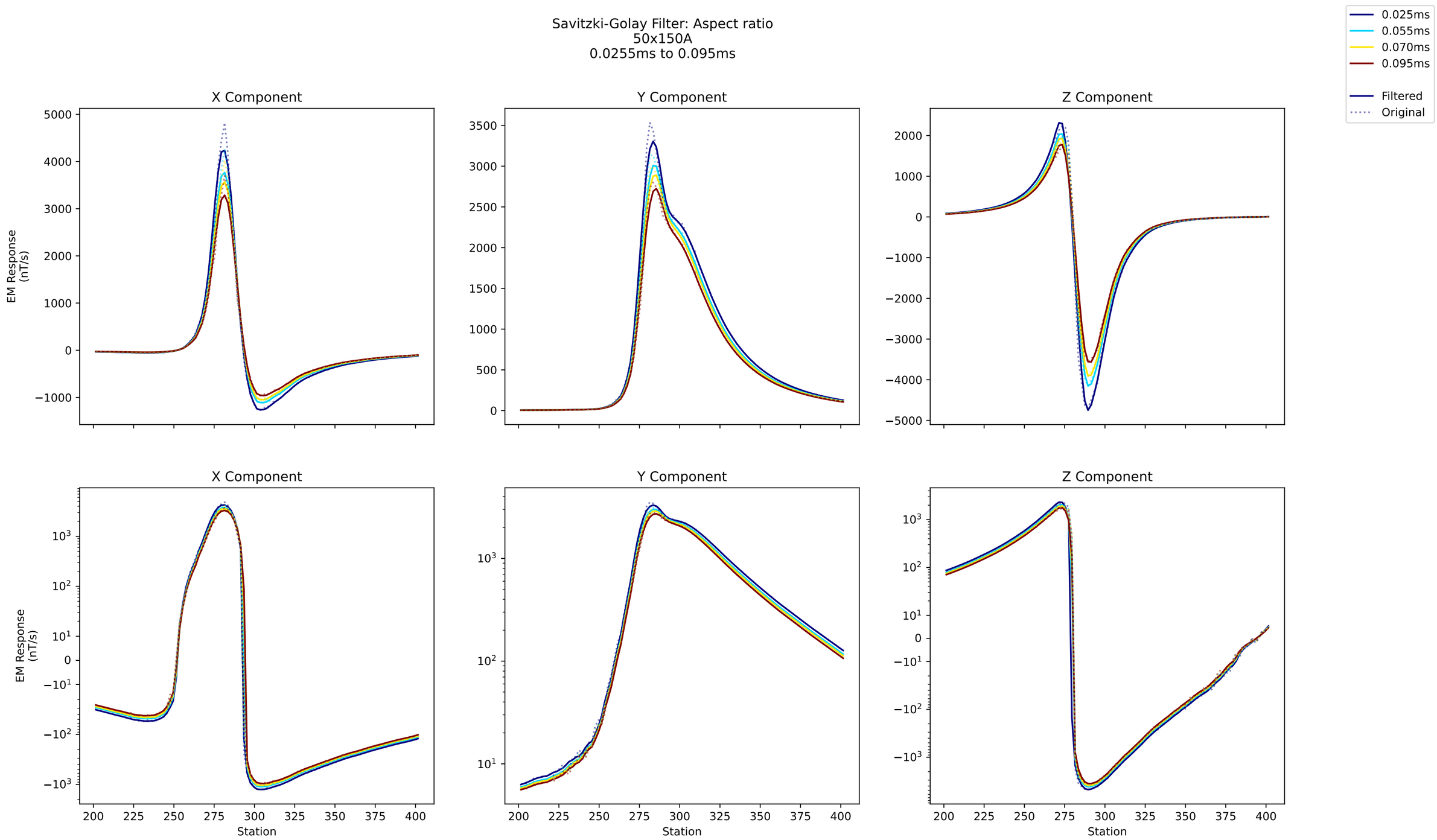

Savitzki-Golay Filter: Aspect ratio
30x600C
0.56ms to 1.315ms
0.560ms
0.745ms
0.990ms
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
4.8e+00
-9.3e-01
6.2e+00
-2.1e+00
1.0e+01
200
225
250
275
300
325
350
375
400
Station

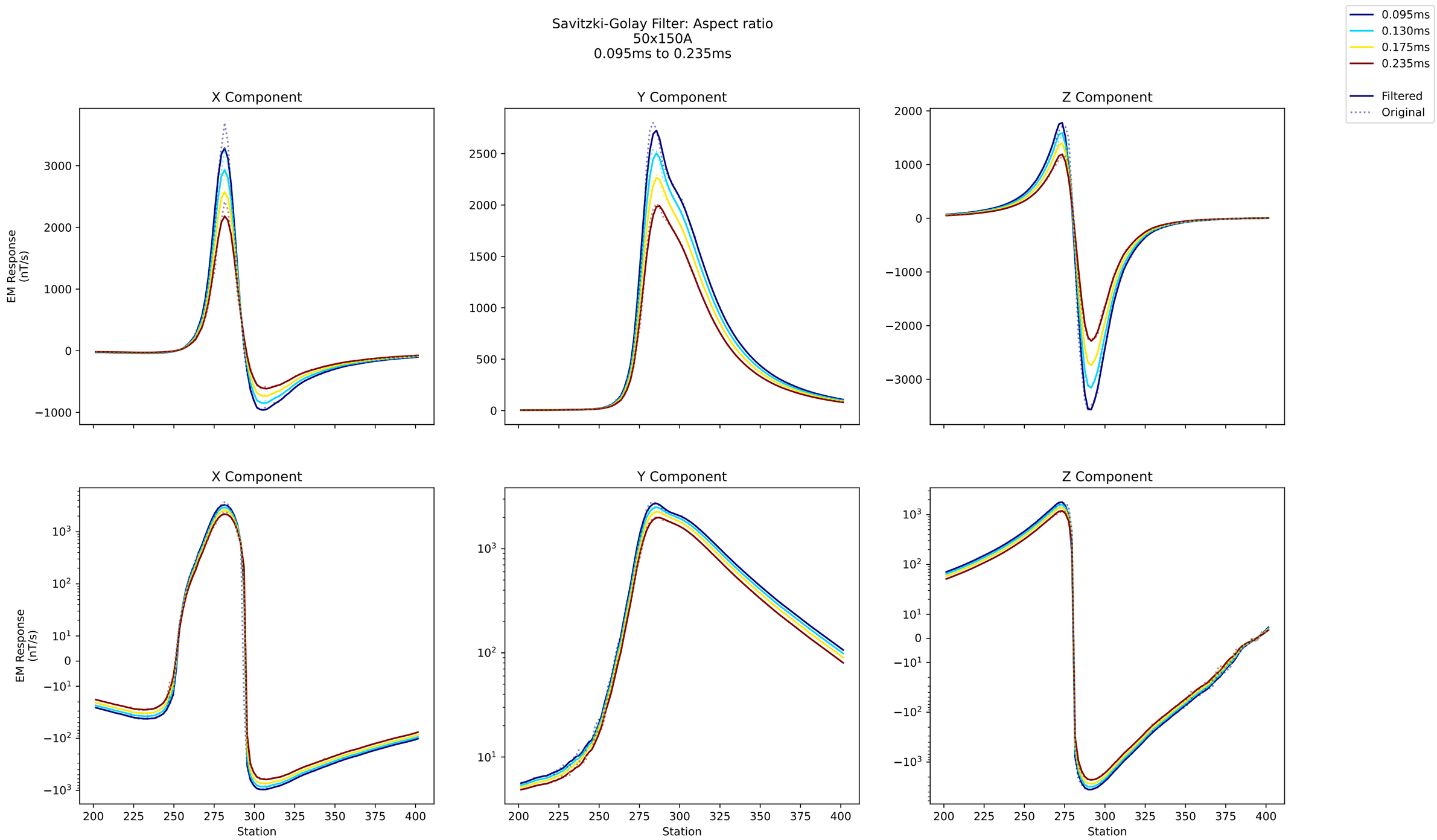

Savitzki-Golay Filter: Aspect ratio
30x600C
1.315ms to 3.075ms
1.315ms
1.745ms
2.315ms
3.075ms
Filtered
Original
X Component
Y Component
Z Component
EM Response (nT/s)
3.8e+00
-7.6e-01
4.9e+00
-1.7e+00
8.5e+00
1.5e-01
Station

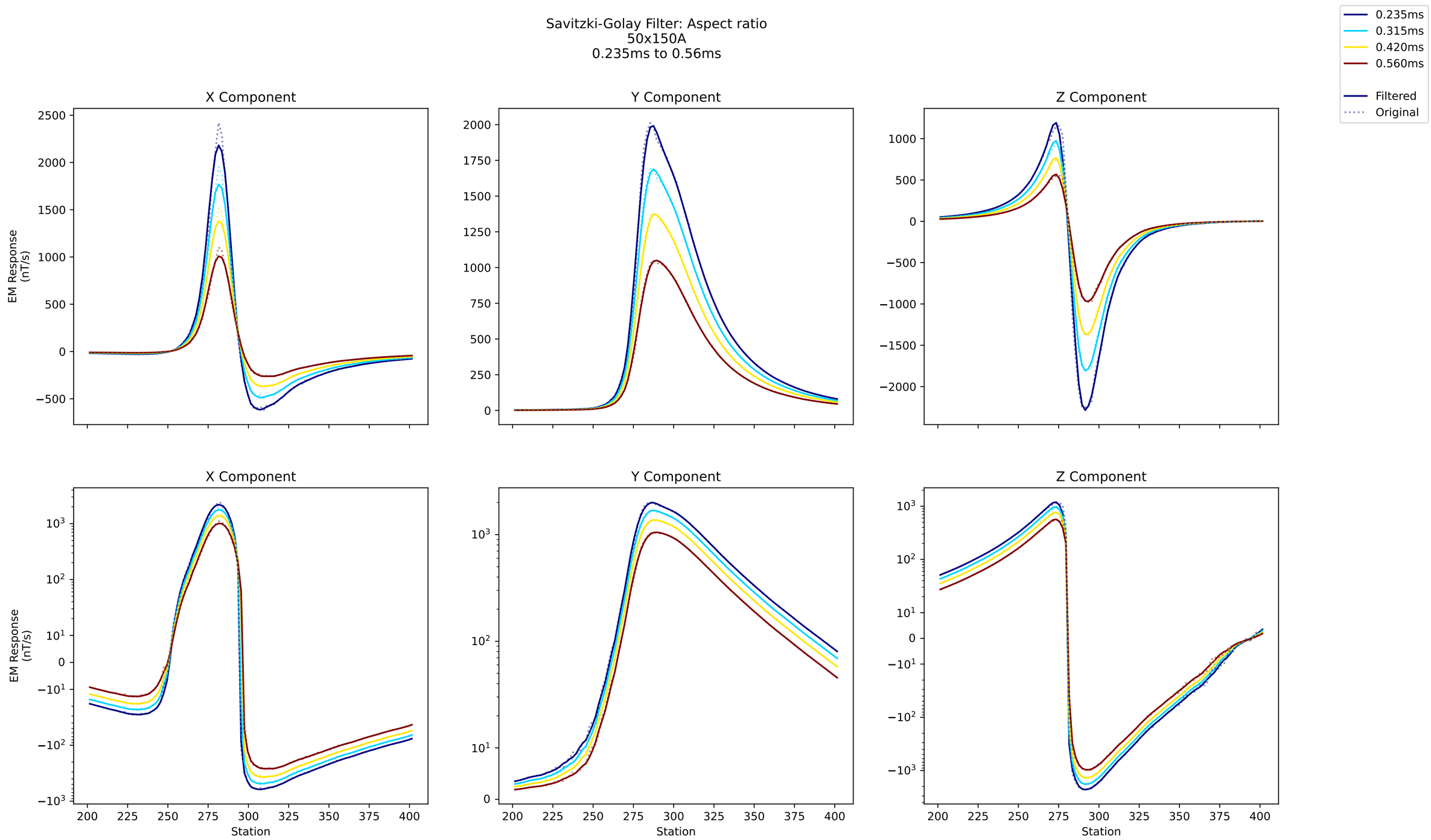

Savitzki-Golay Filter: Aspect ratio
30x600C
3.075ms to 7.205ms
3.075ms
4.085ms
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
2.9e+00
-6.1e-01
3.6e+00
-1.4e+00
6.1e+00
7.9e-02
200
225
250
275
300
325
350
375
400
Station

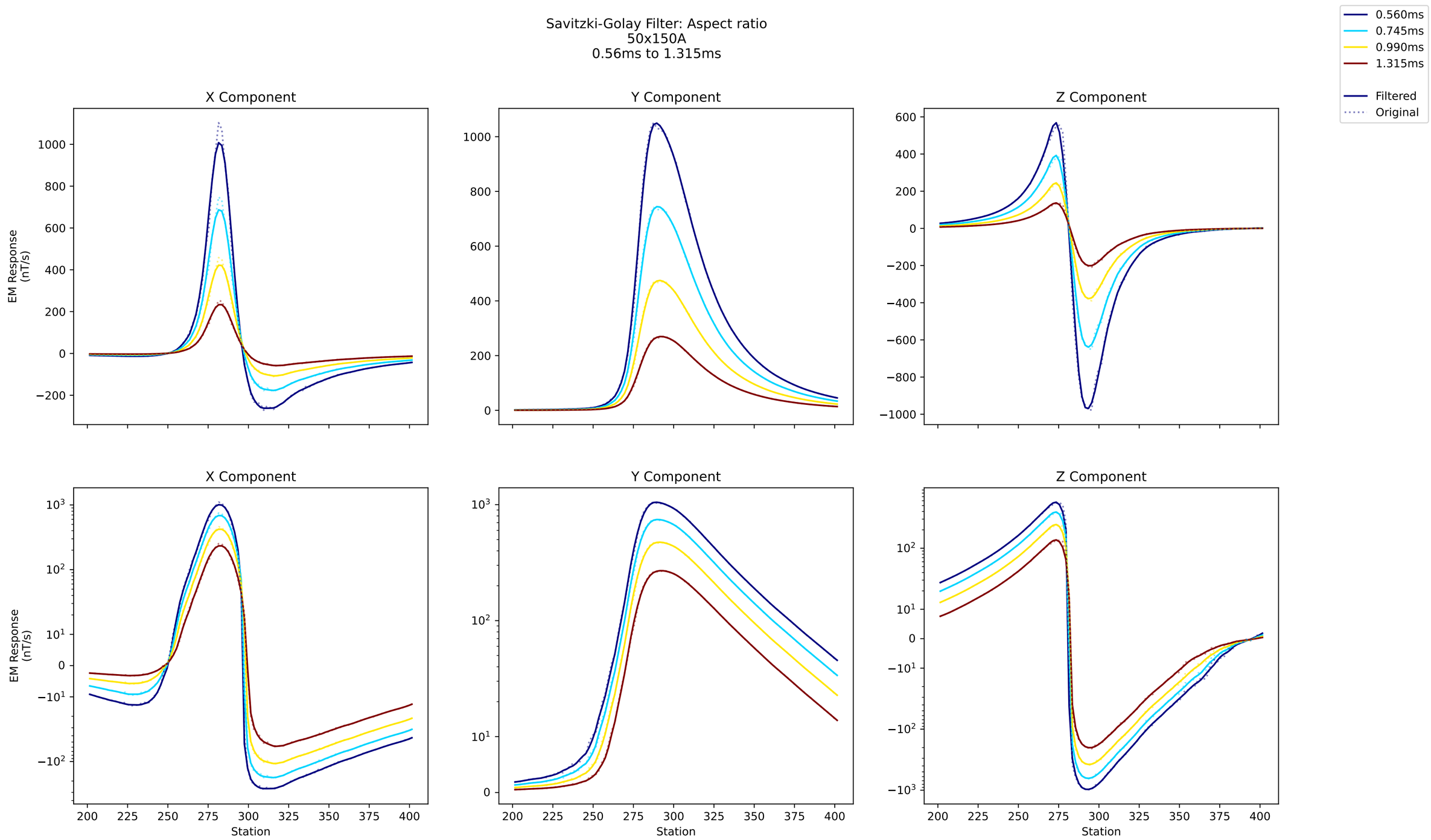

Savitzki-Golay Filter: Aspect ratio
30x600C
7.205ms to 22.73ms
7.205ms
9.570ms
12.660ms
22.730ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station
2.0e+00
-4.3e-01
2.5e+00
-1.0e+00
4.0e+00
-1.7e-02

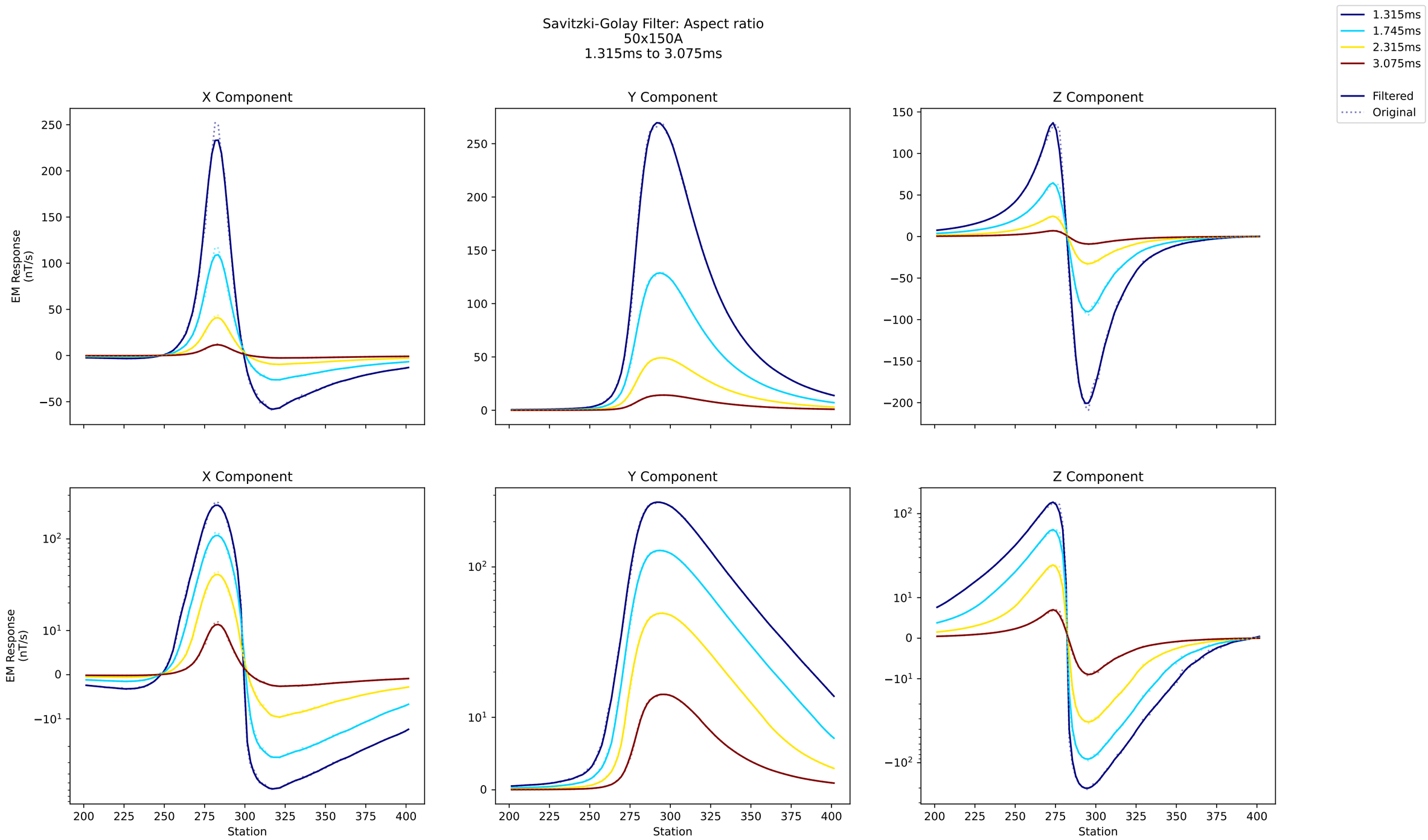

Savitzki-Golay Filter: Aspect ratio
30x600C
22.73ms to 48.115ms
22.730ms
39.395ms
48.115ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

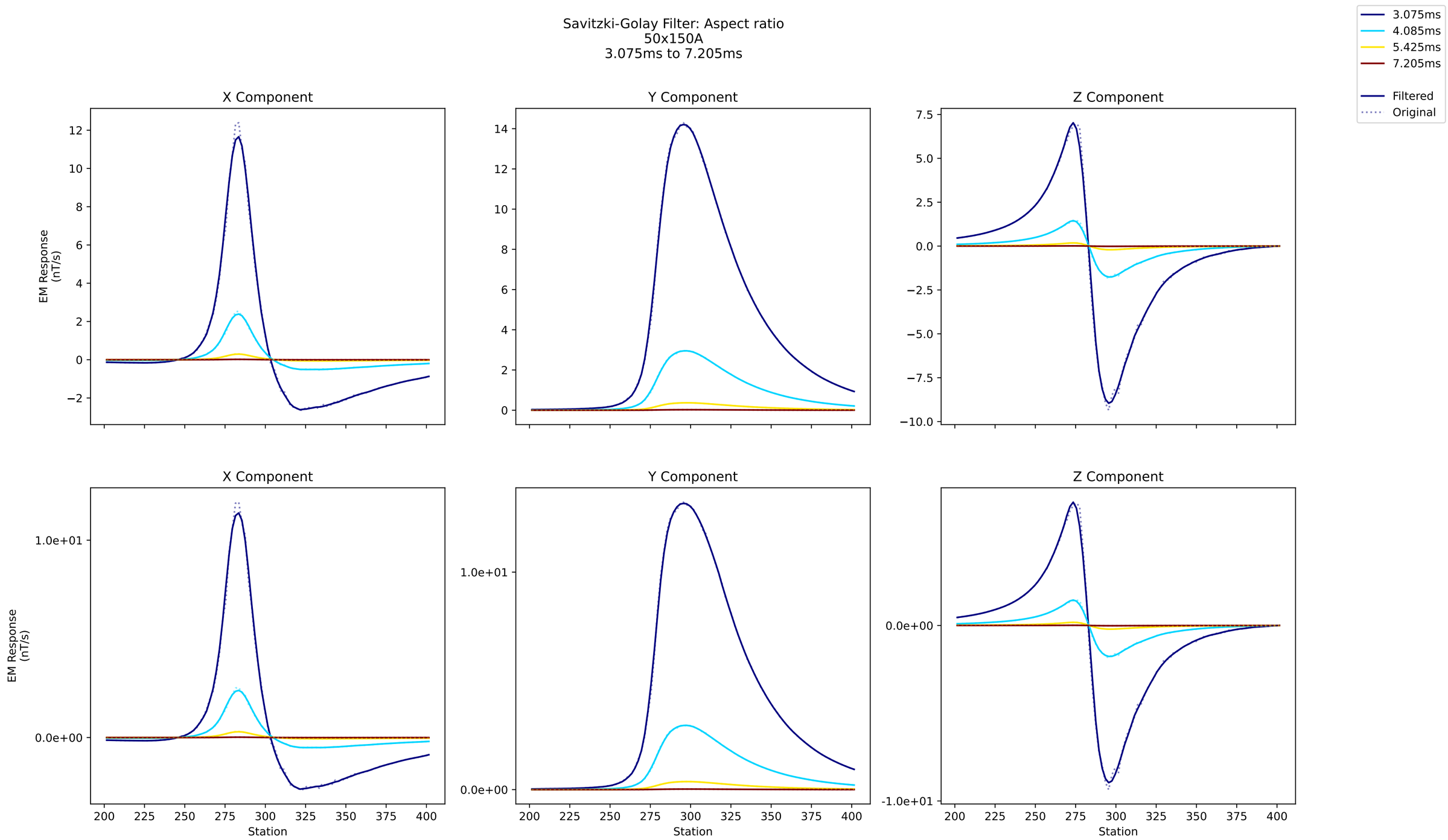

Savitzki-Golay Filter: Aspect ratio
50x150A
0.0255ms to 0.095ms
0.025ms
0.055ms
0.070ms
0.095ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

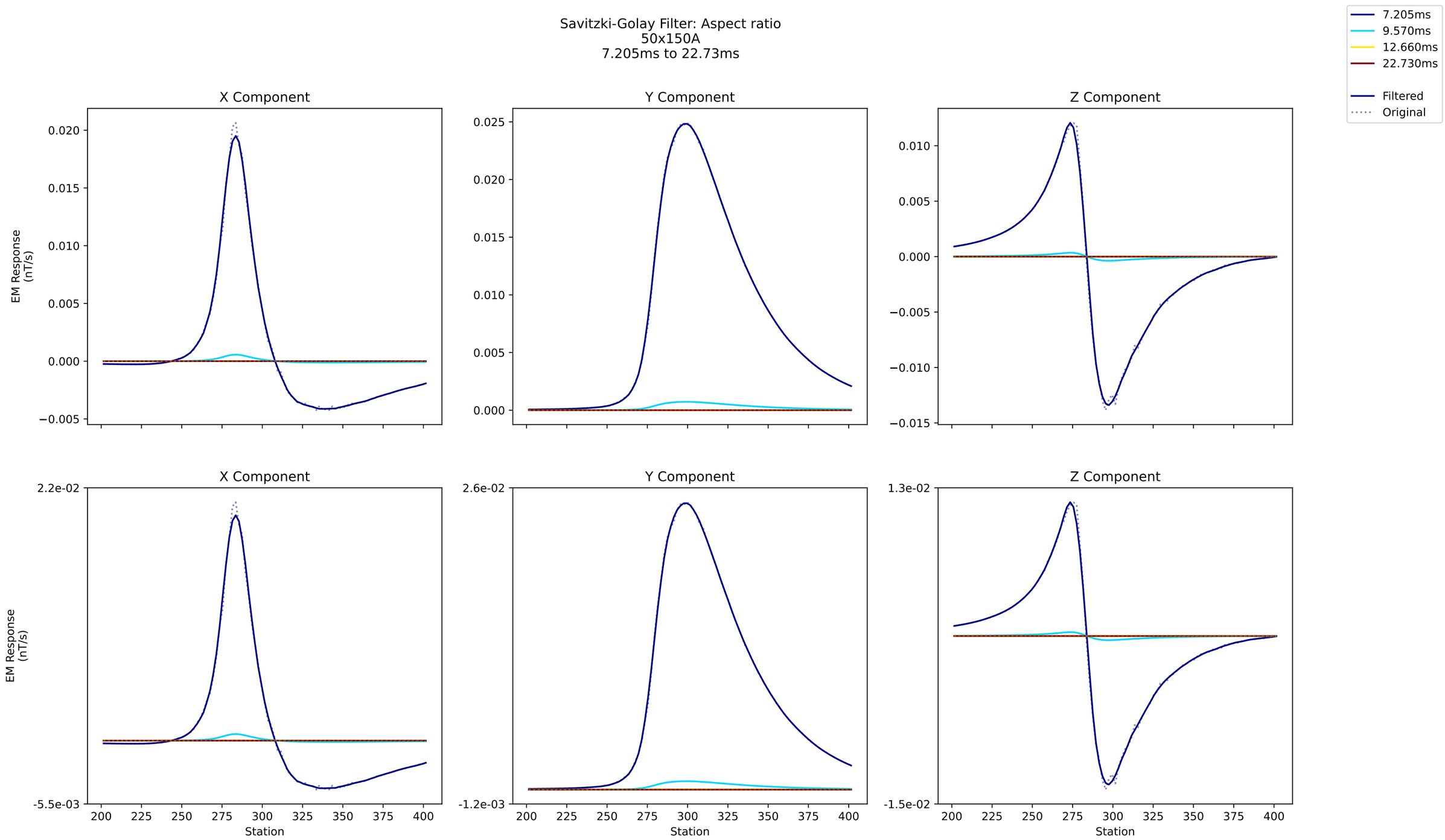

Savitzki-Golay Filter: Aspect ratio
50x150A
0.095ms to 0.235ms
0.095ms
0.130ms
0.175ms
0.235ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

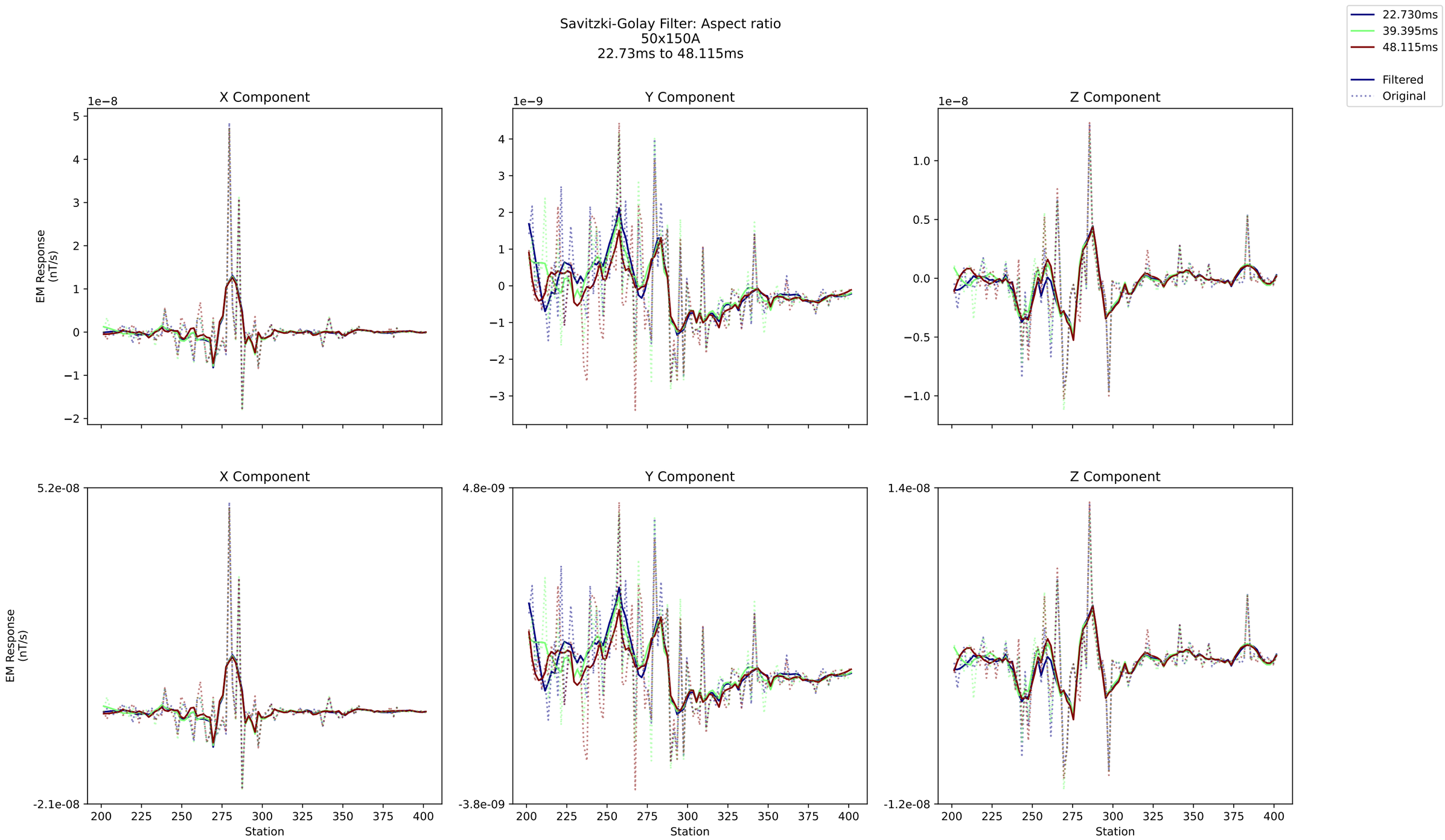

Savitzki-Golay Filter: Aspect ratio
50x150A
0.235ms to 0.56ms
0.235ms
0.315ms
0.420ms
0.560ms
Filtered
Original
X Component
Y Component
Z Component
EM Response (nT/s)
Station

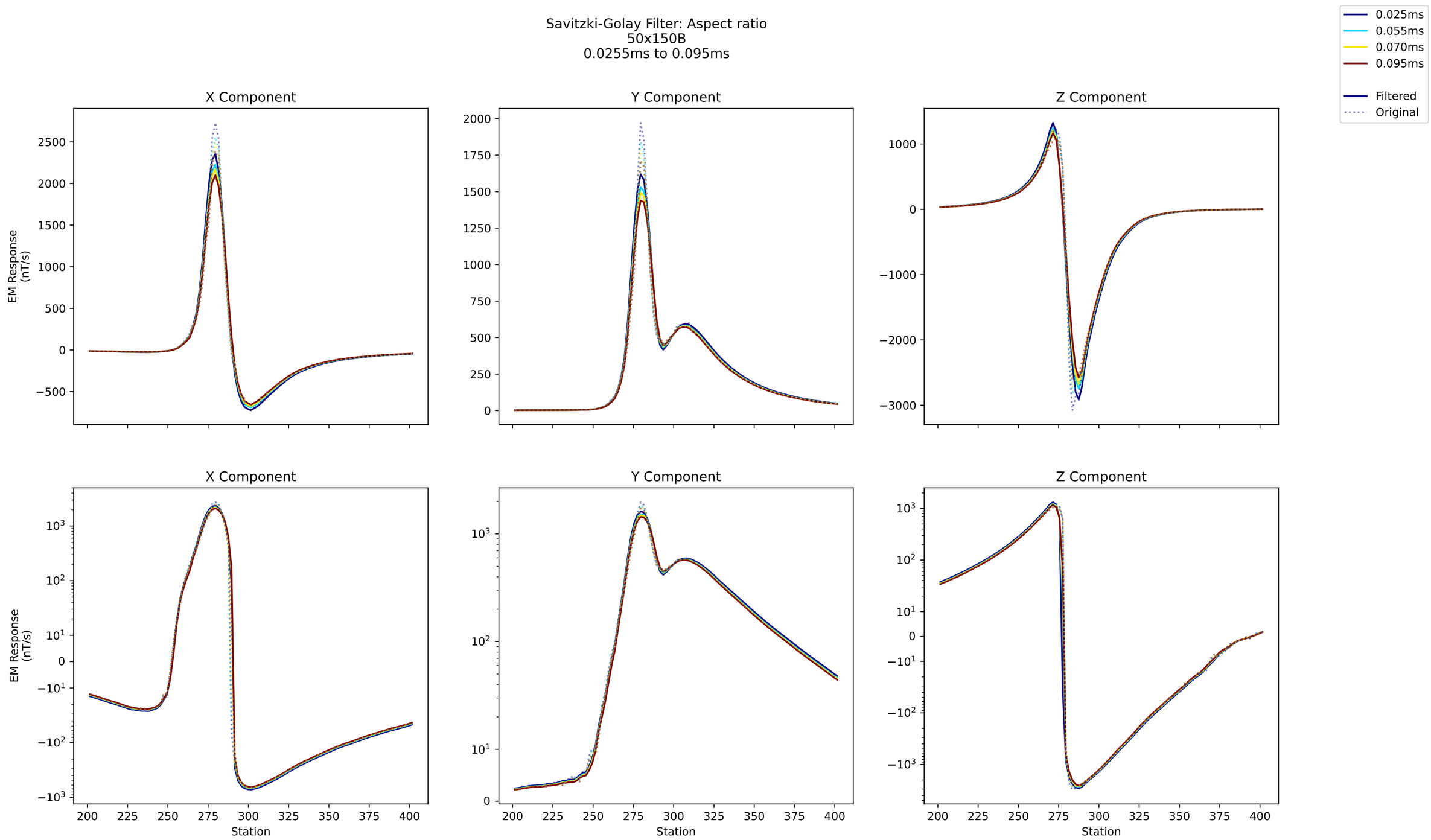

Savitzki-Golay Filter: Aspect ratio
50x150A
0.56ms to 1.315ms
0.560ms
0.745ms
0.990ms
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

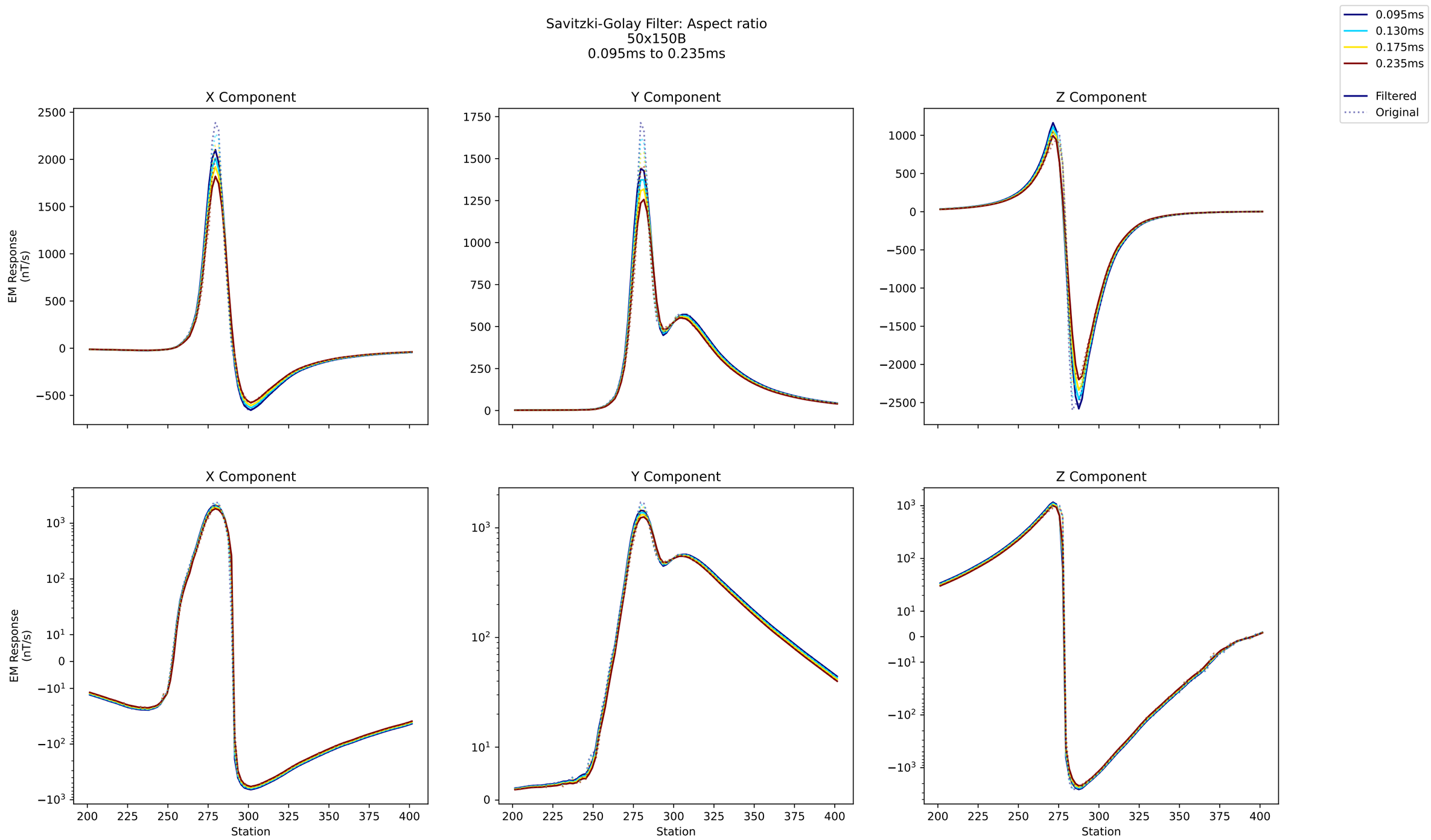

Savitzki-Golay Filter: Aspect ratio
50x150A
1.315ms to 3.075ms
1.315ms
1.745ms
2.315ms
3.075ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

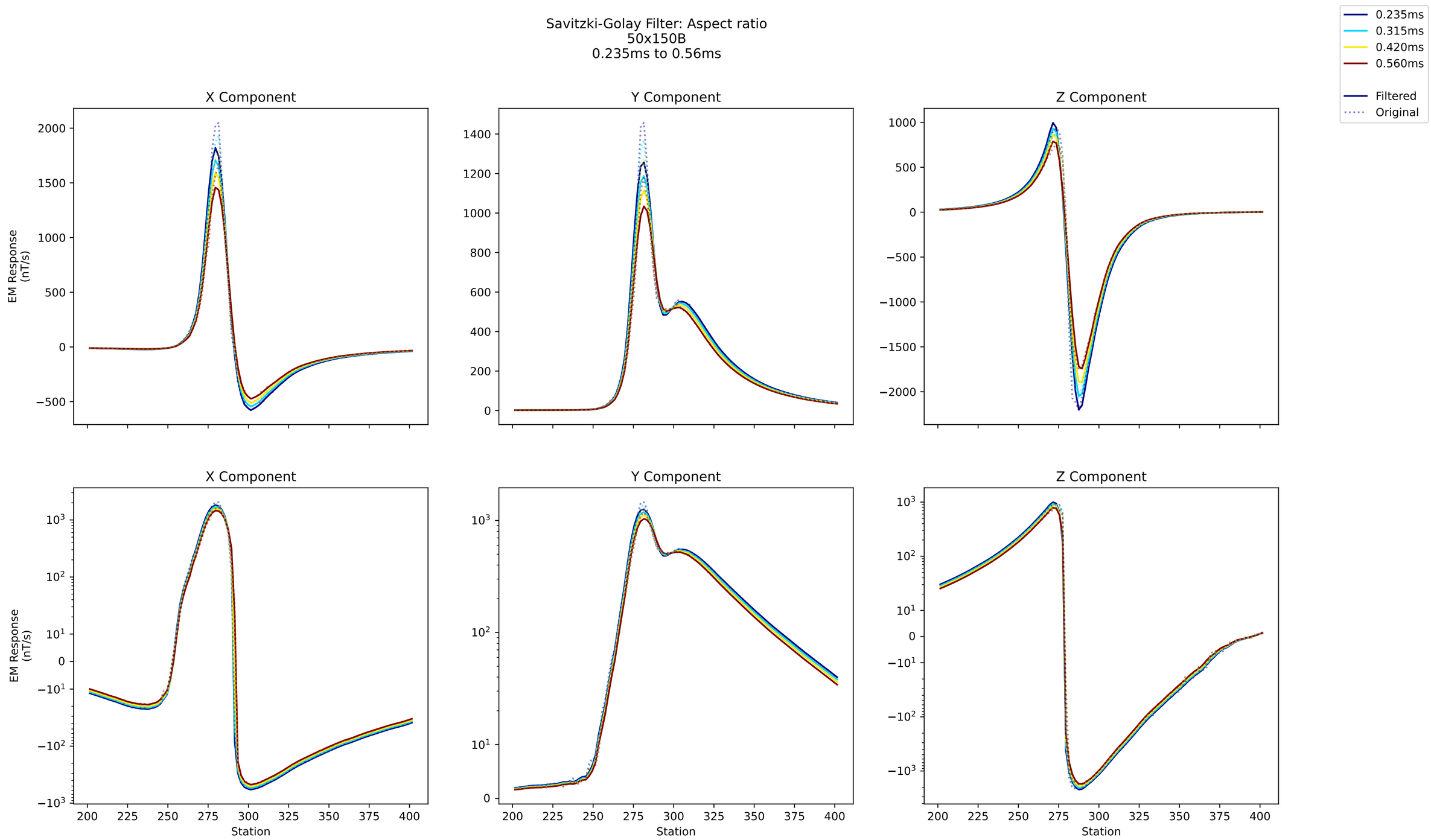

Savitzki-Golay Filter: Aspect ratio
50x150A
3.075ms to 7.205ms
3.075ms
4.085ms
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
50x150A
7.205ms to 22.73ms
7.205ms
9.570ms
12.660ms
22.730ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
50x150A
22.73ms to 48.115ms
22.730ms
39.395ms
48.115ms
Filtered
Original
X Component
Y Component
Z Component
1e−8
1e−9
1e−8
EM Response
(nT/s)
5.2e-08
-2.1e-08
4.8e-09
-3.8e-09
1.4e-08
-1.2e-08
200 225 250 275 300 325 350 375 400
Station


Savitzki-Golay Filter: Aspect ratio
50x150B
0.0255ms to 0.095ms
0.025ms
0.055ms
0.070ms
0.095ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
50x150B
0.095ms to 0.235ms
0.095ms
0.130ms
0.175ms
0.235ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
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0.235ms to 0.56ms
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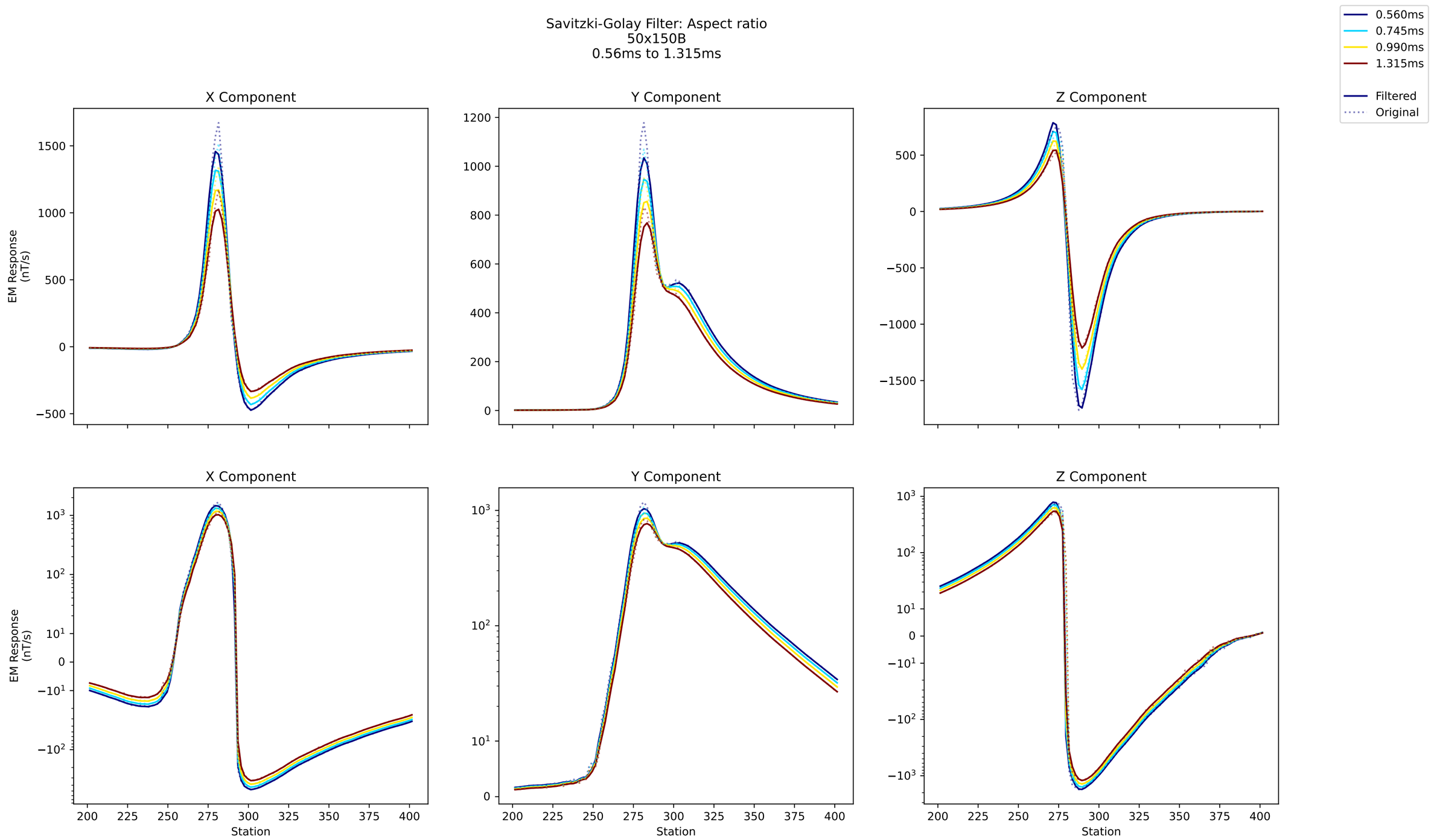
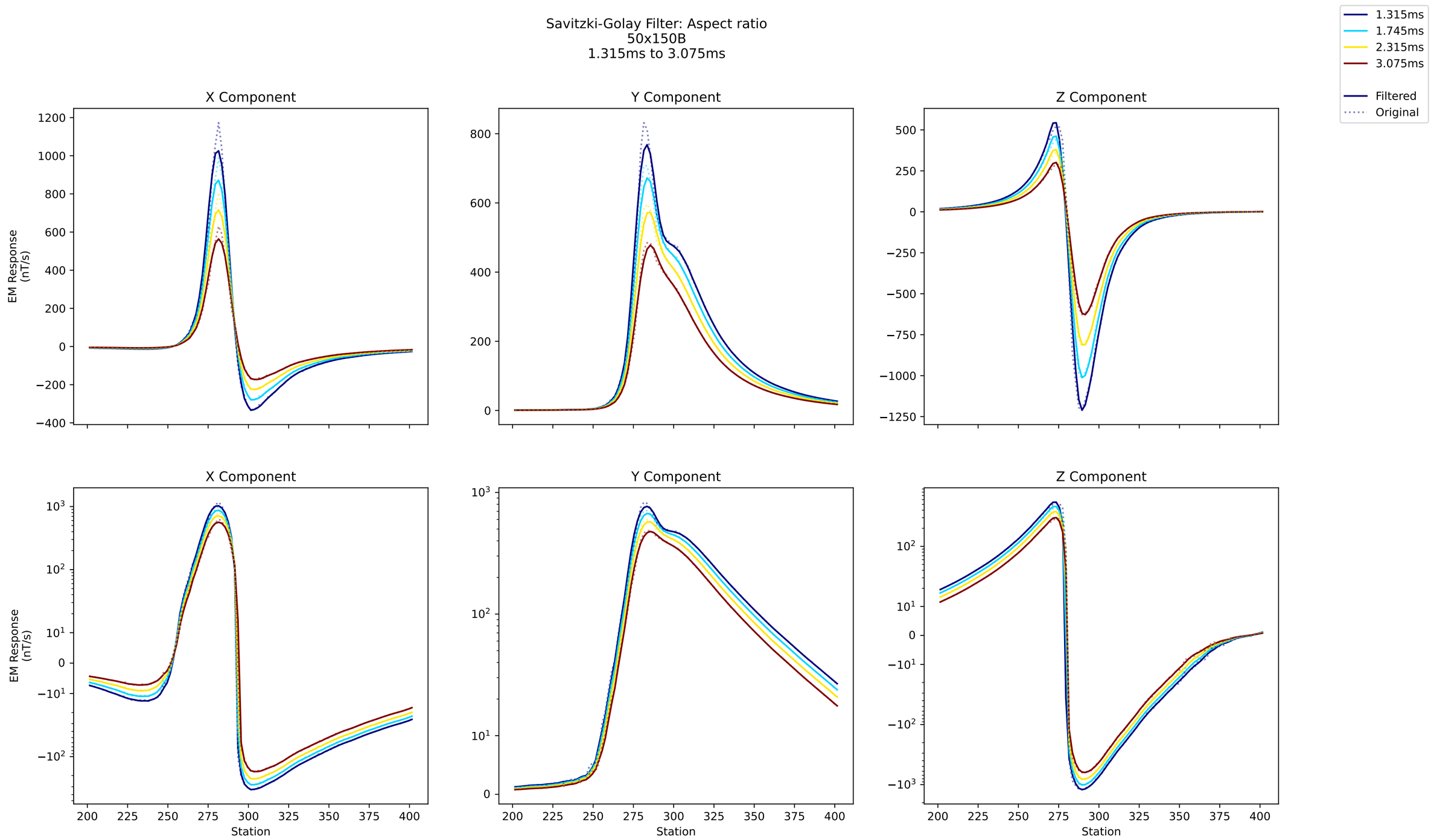
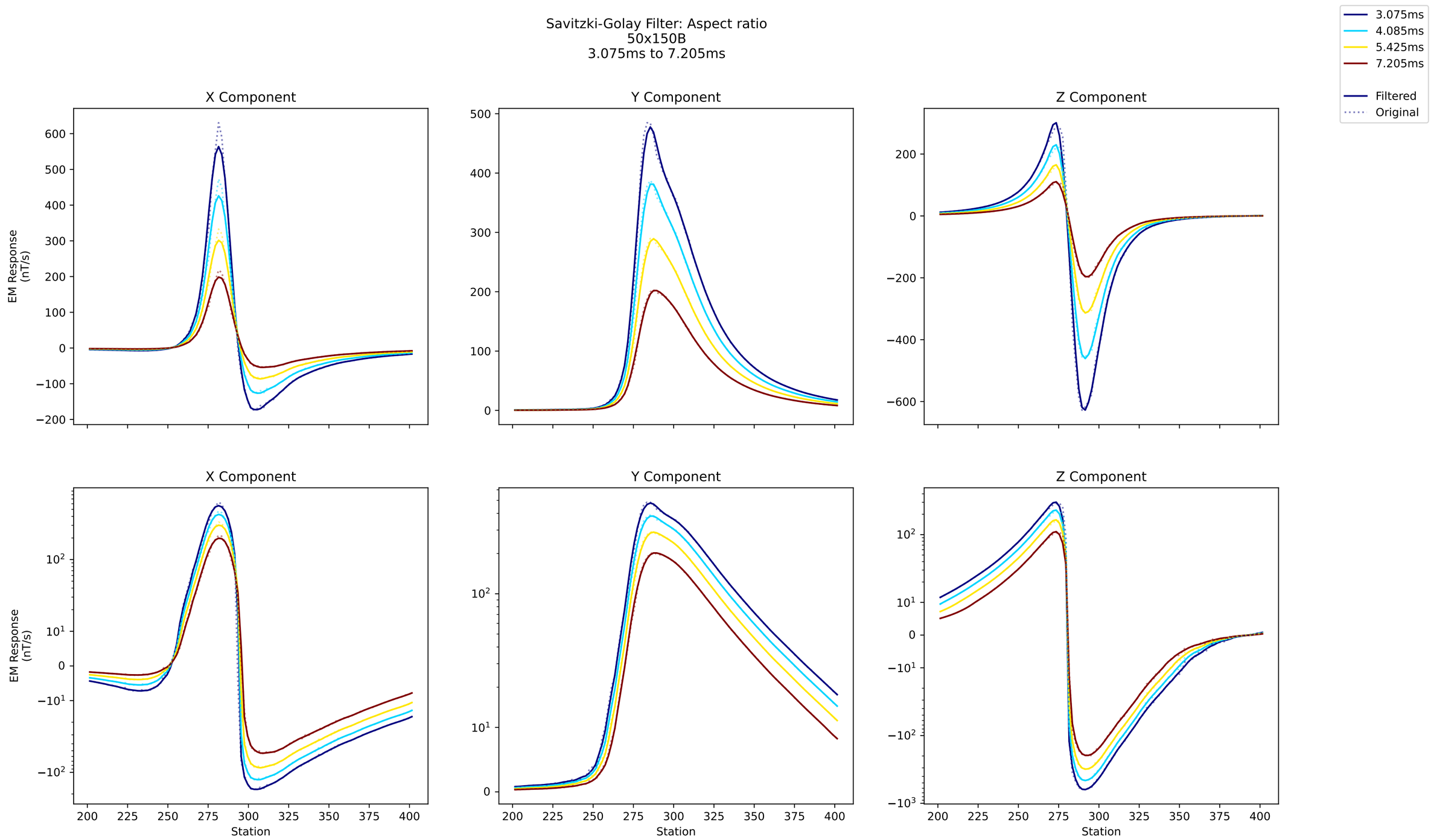
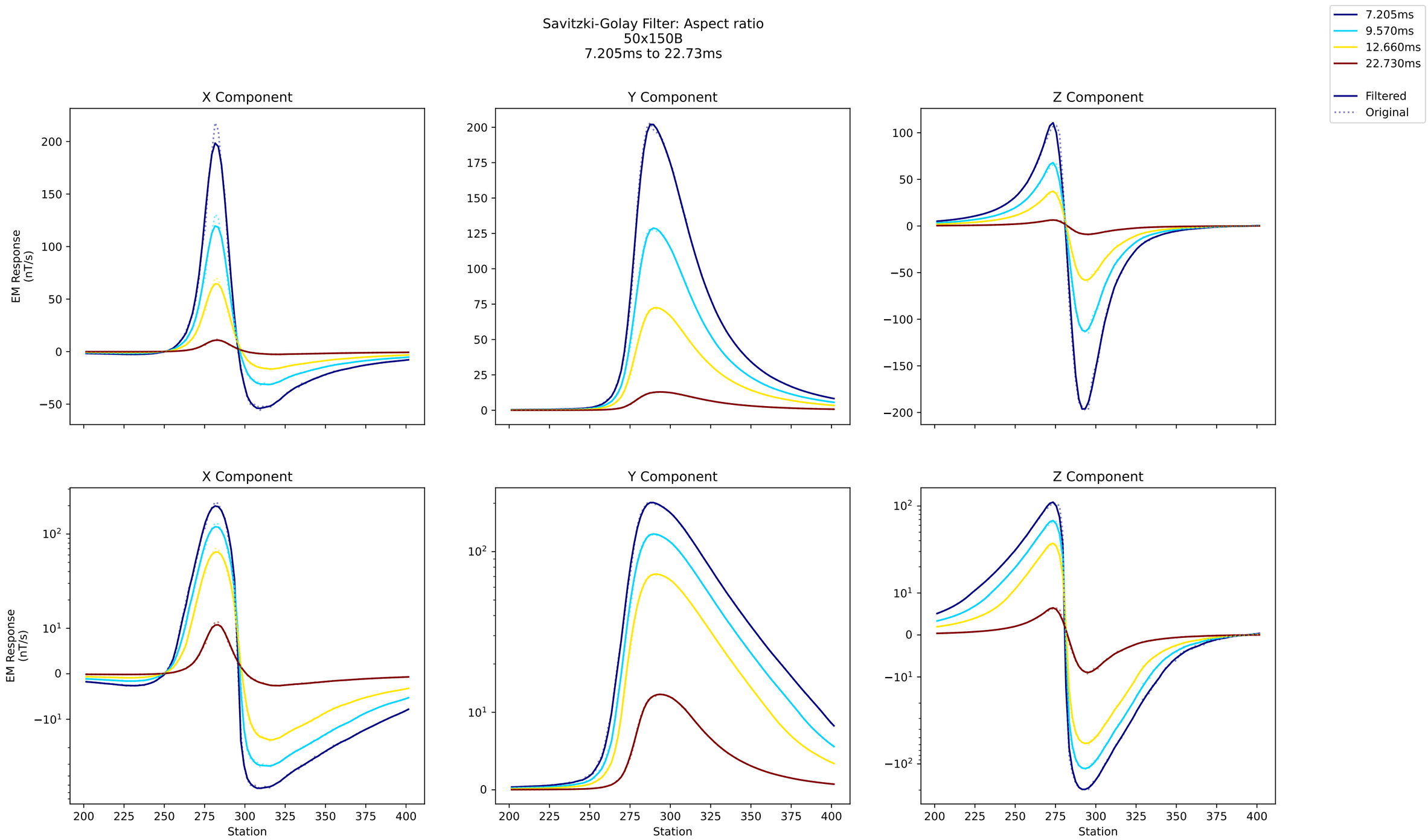
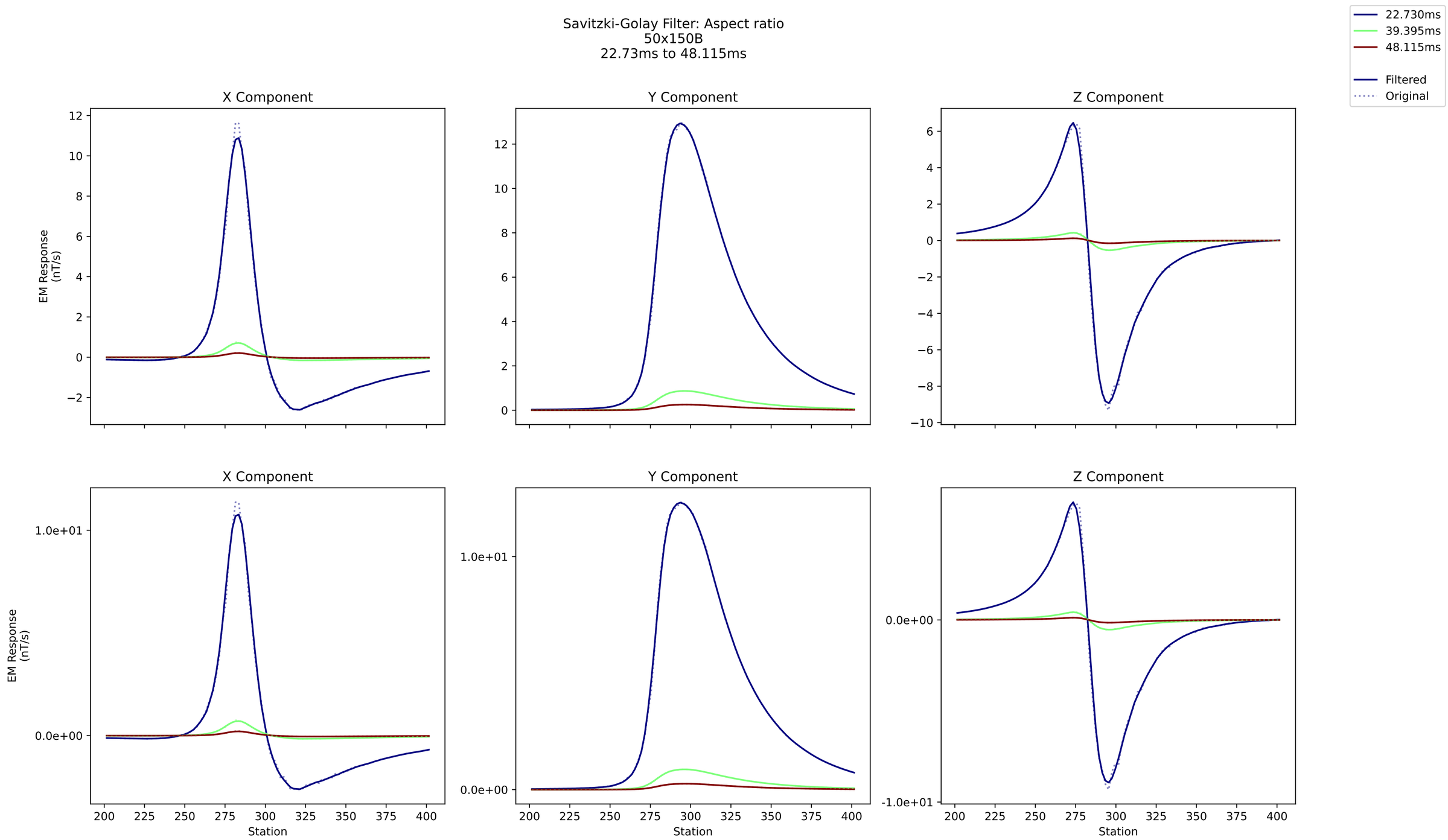
0.560ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

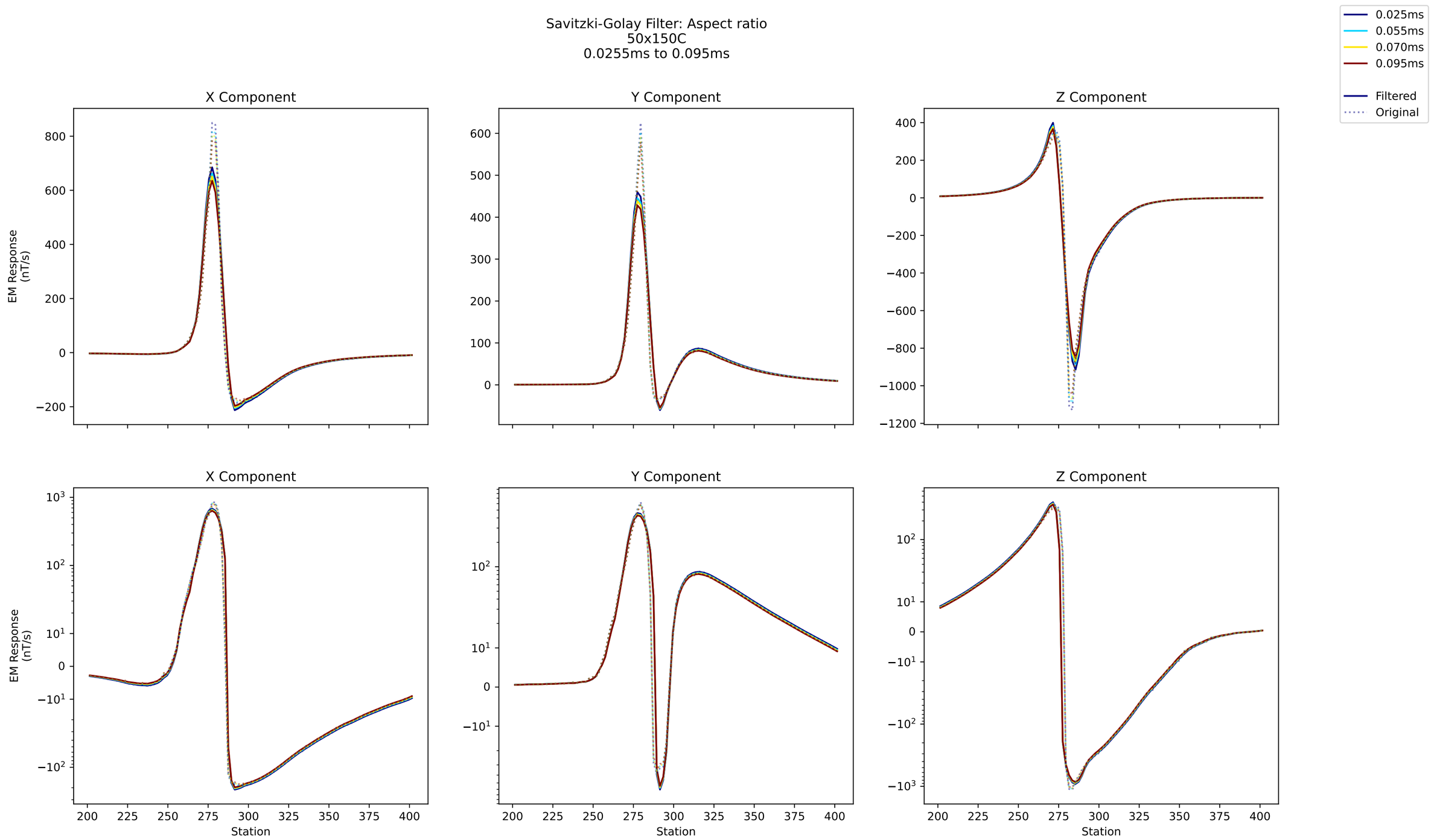

Savitzki-Golay Filter: Aspect ratio
50x150B
0.56ms to 1.315ms
0.560ms
0.745ms
0.990ms
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

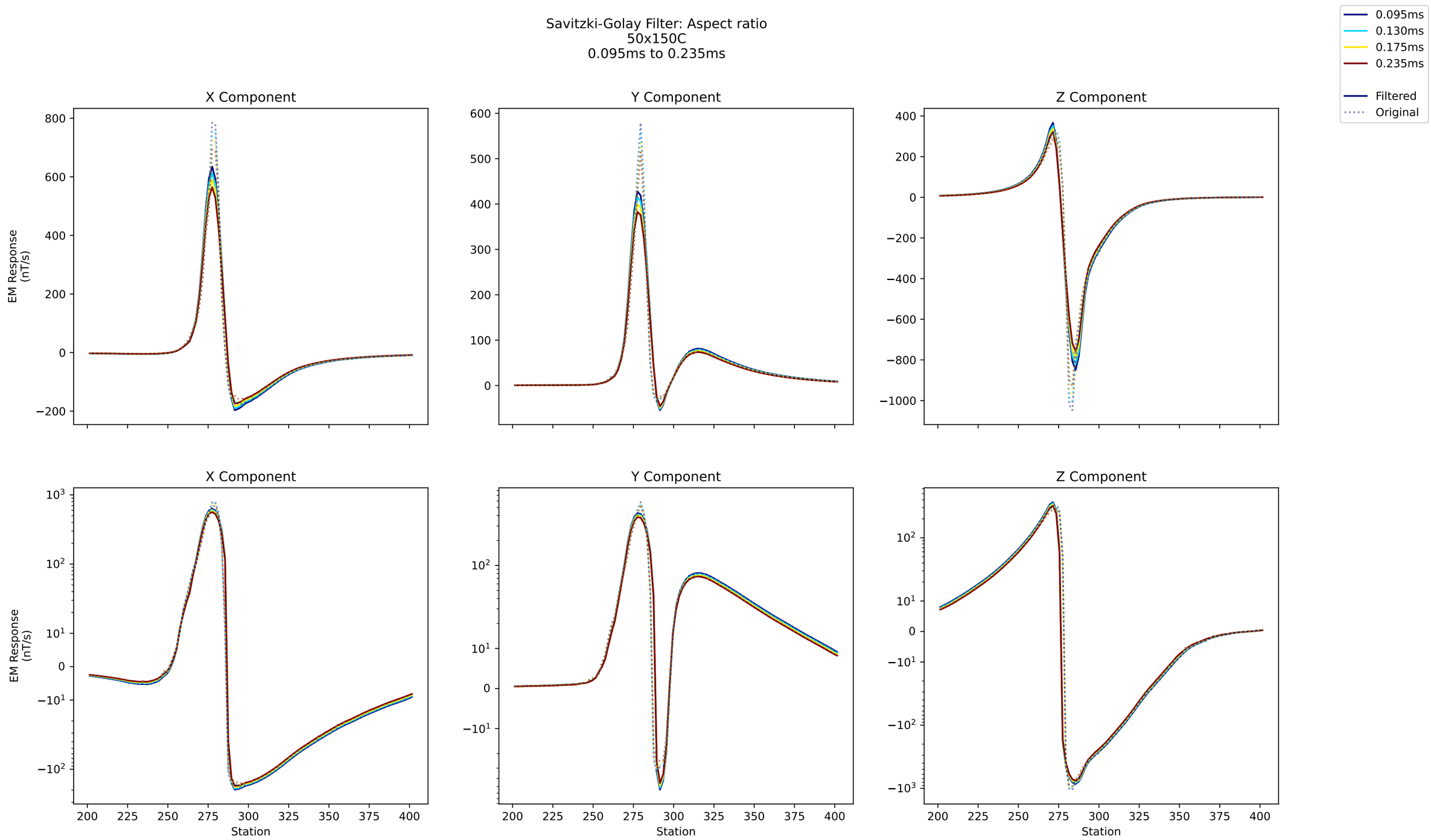

Savitzki-Golay Filter: Aspect ratio
50x150B
1.315ms to 3.075ms
1.315ms
1.745ms
2.315ms
3.075ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

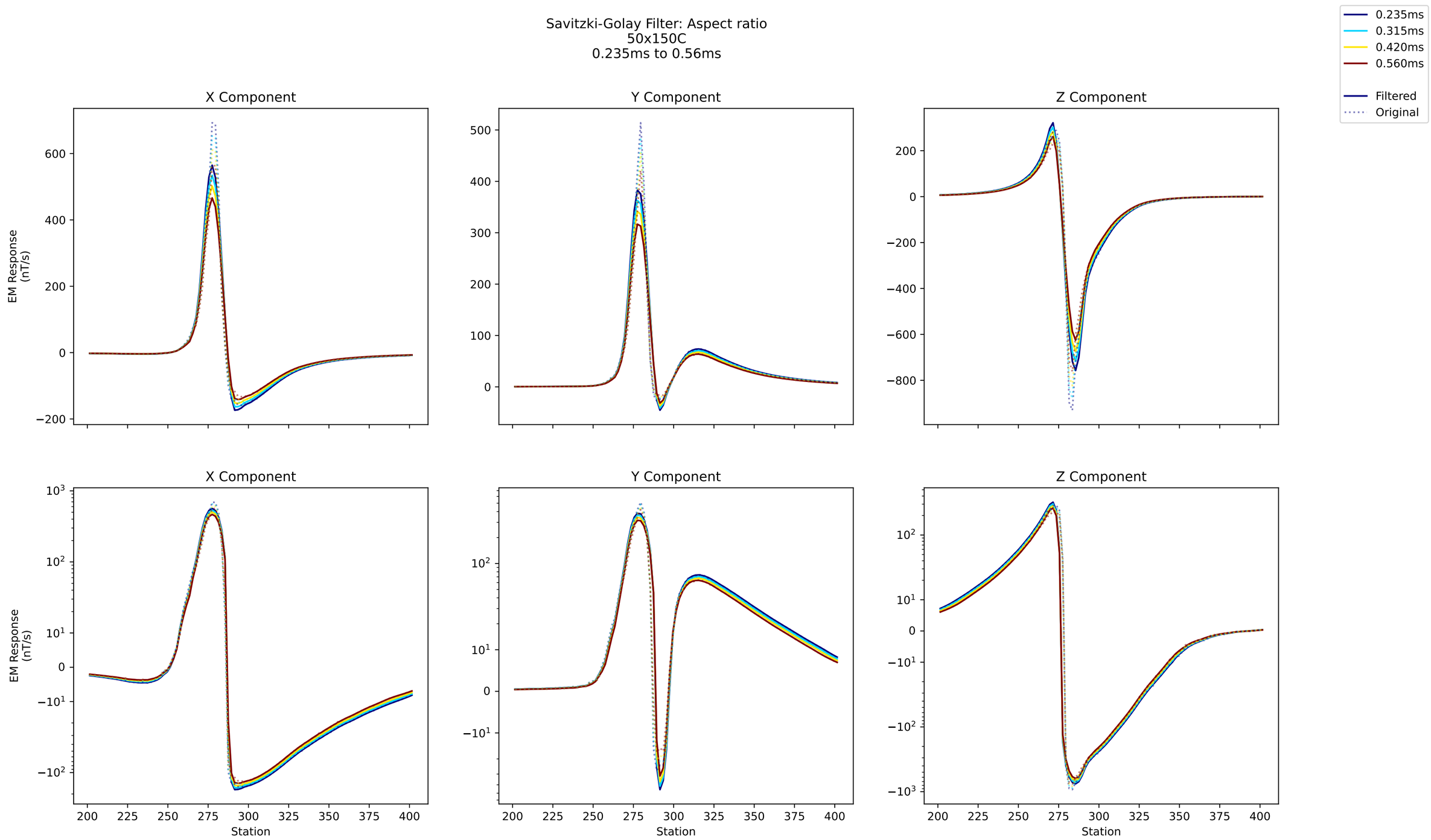

Savitzki-Golay Filter: Aspect ratio
50x150B
3.075ms to 7.205ms
3.075ms
4.085ms
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

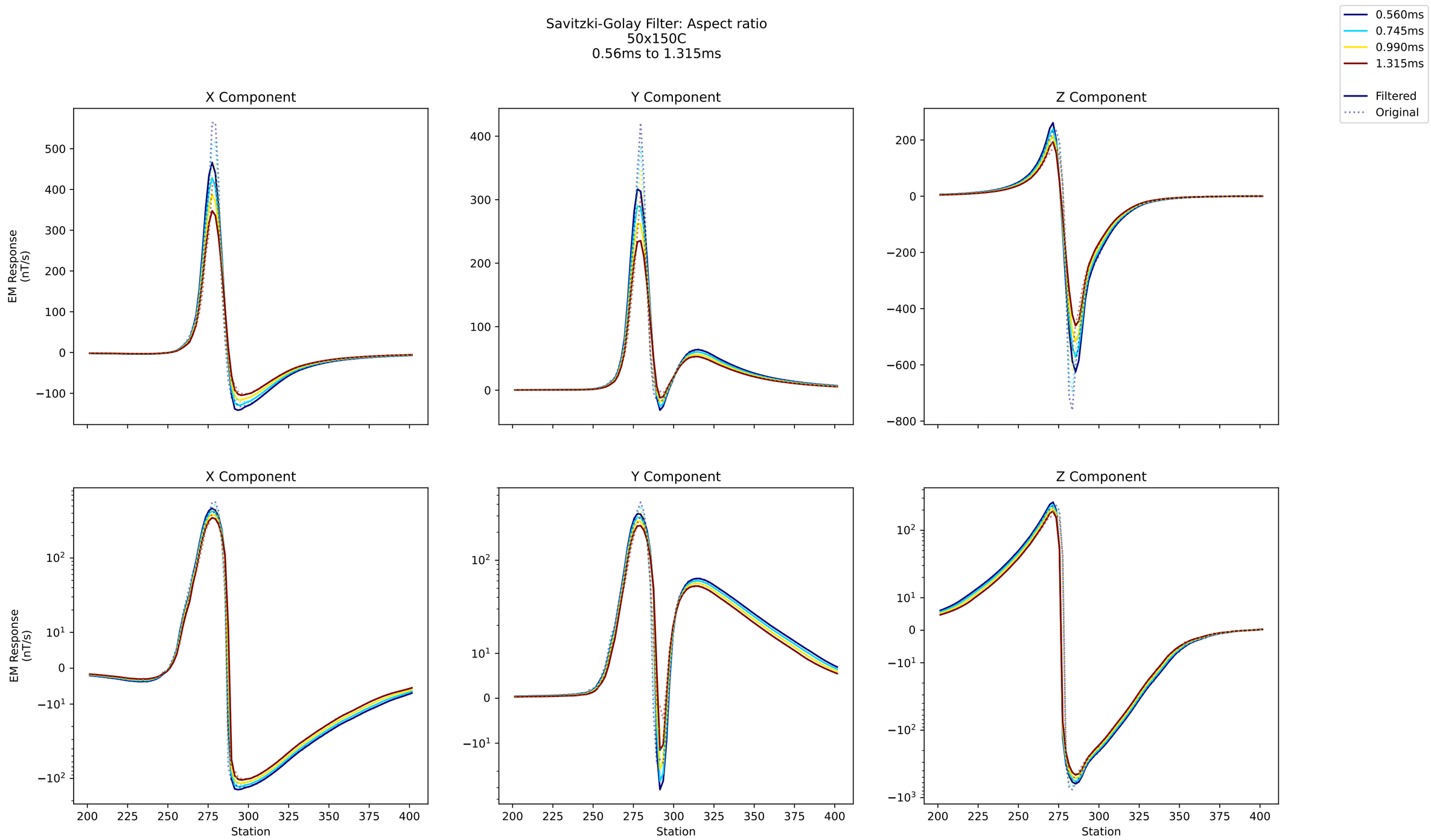

Savitzki-Golay Filter: Aspect ratio
50x150B
7.205ms to 22.73ms
7.205ms
9.570ms
12.660ms
22.730ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

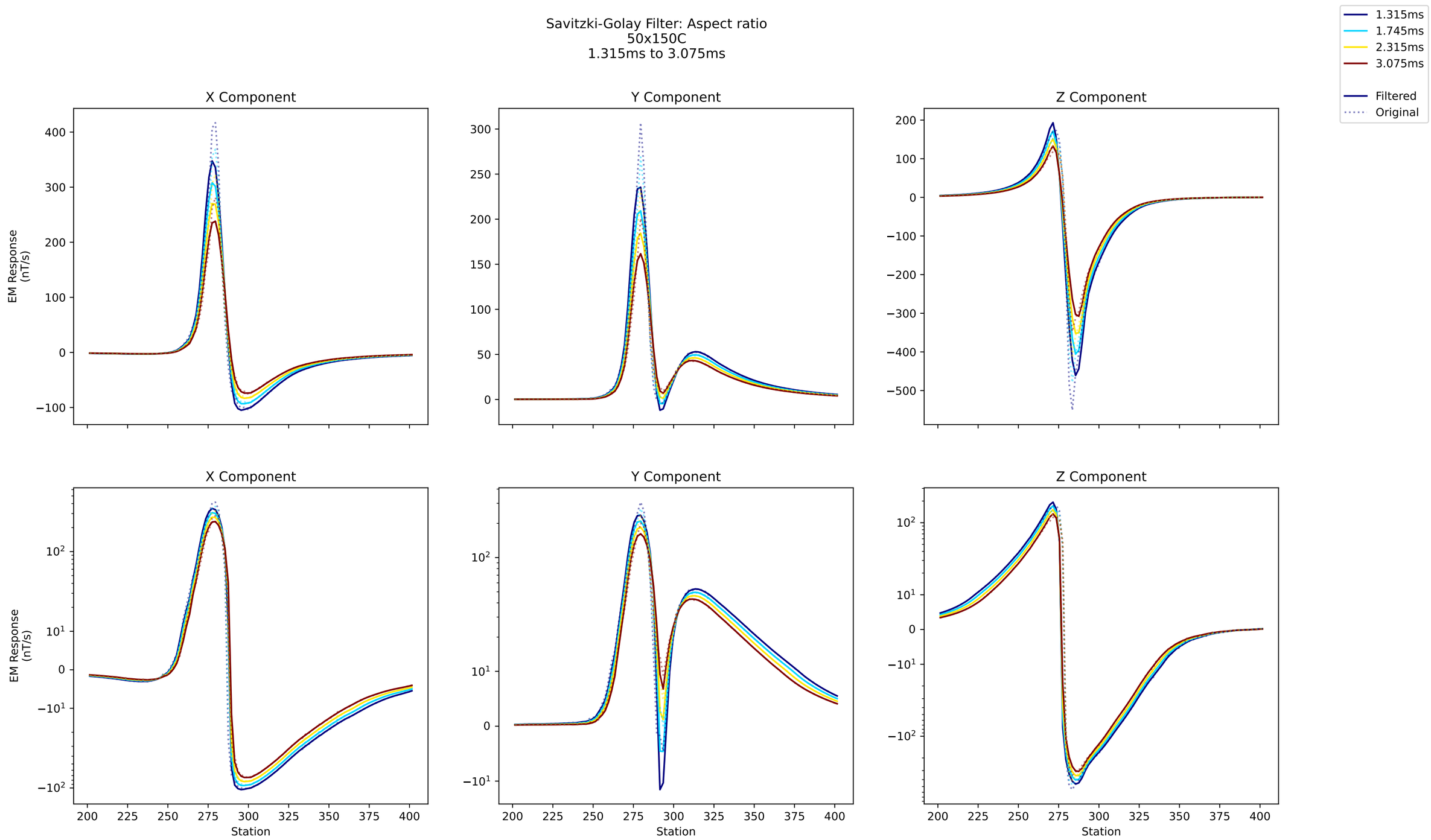

Savitzki-Golay Filter: Aspect ratio
50x150B
22.73ms to 48.115ms
22.730ms
39.395ms
48.115ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station
1.0e+01
0.0e+00
-1.0e+01

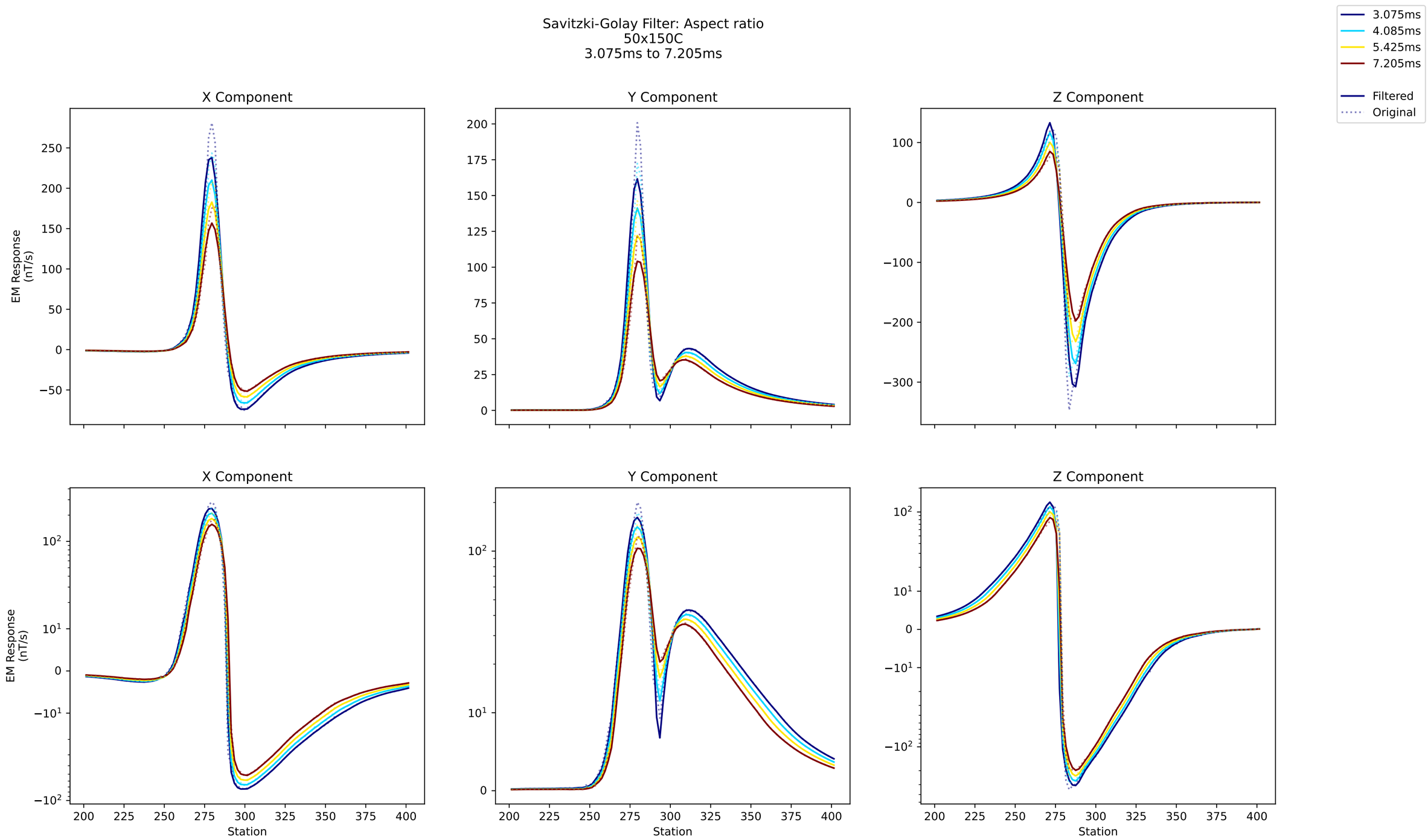

Savitzki-Golay Filter: Aspect ratio
50x150C
0.0255ms to 0.095ms
0.025ms
0.055ms
0.070ms
0.095ms
Filtered
Original
X Component
Y Component
Z Component
EM Response (nT/s)
Station

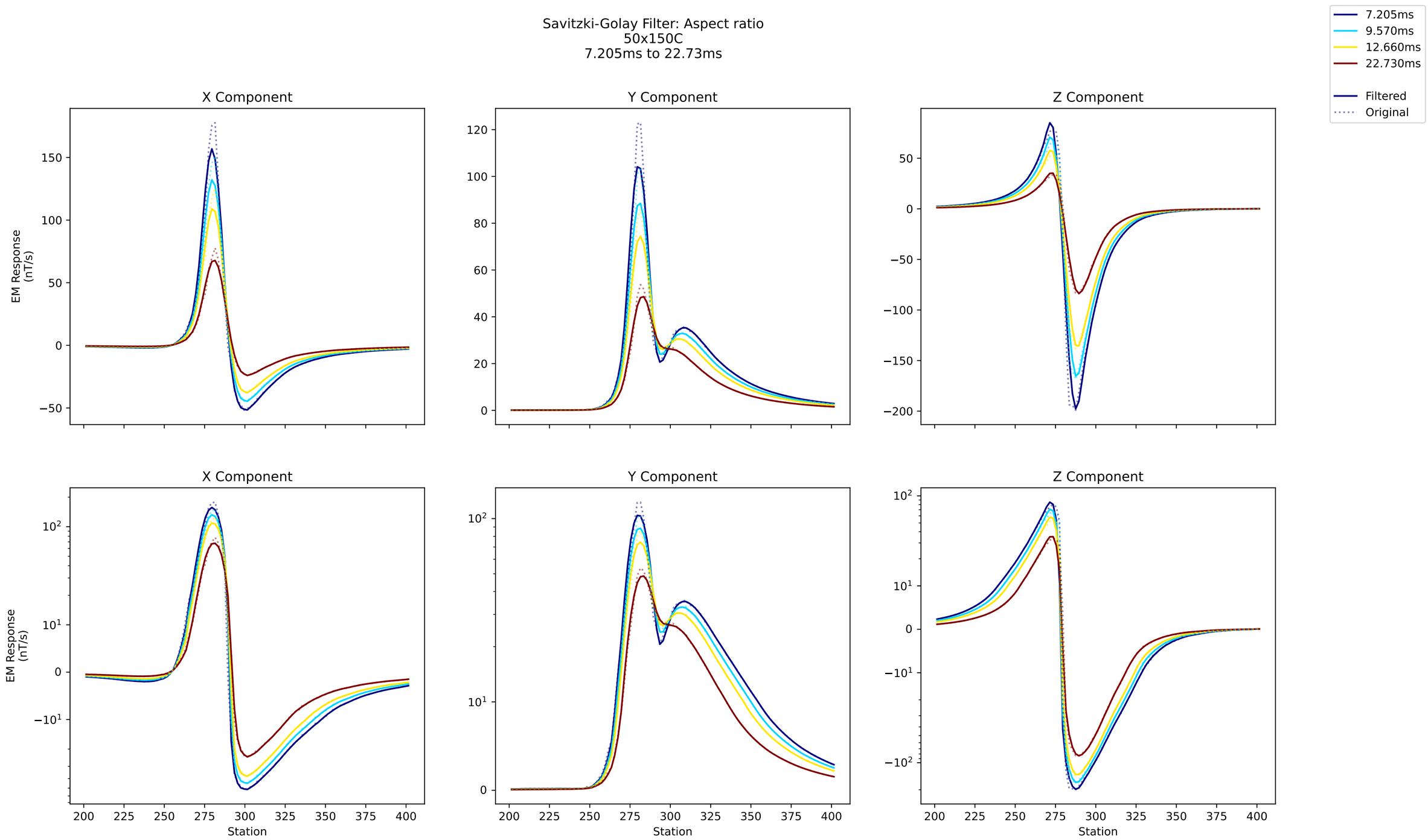

Savitzki-Golay Filter: Aspect ratio
50x150C
0.095ms to 0.235ms
0.095ms
0.130ms
0.175ms
0.235ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

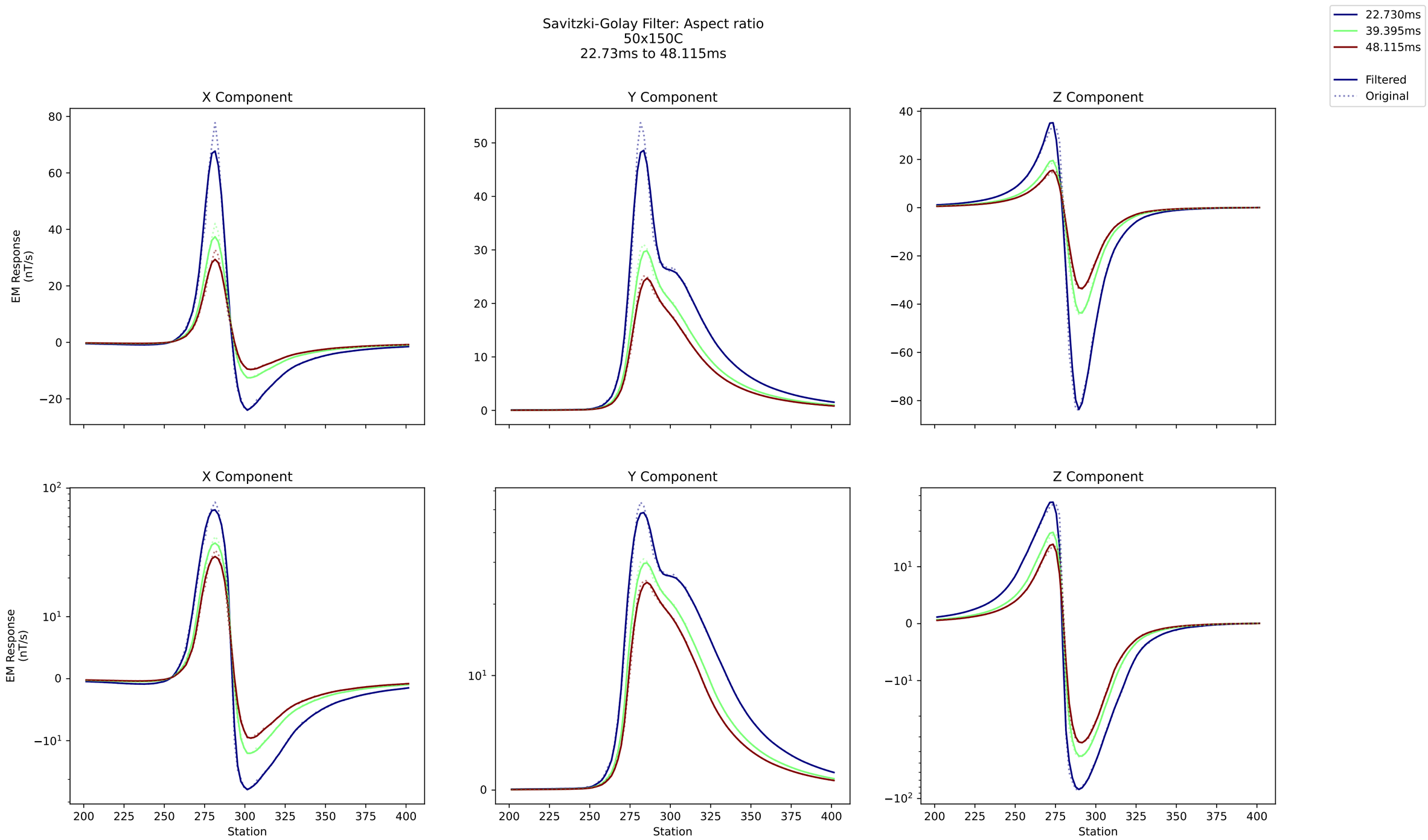

Savitzki-Golay Filter: Aspect ratio
50x150C
0.235ms to 0.56ms
0.235ms
0.315ms
0.420ms
0.560ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

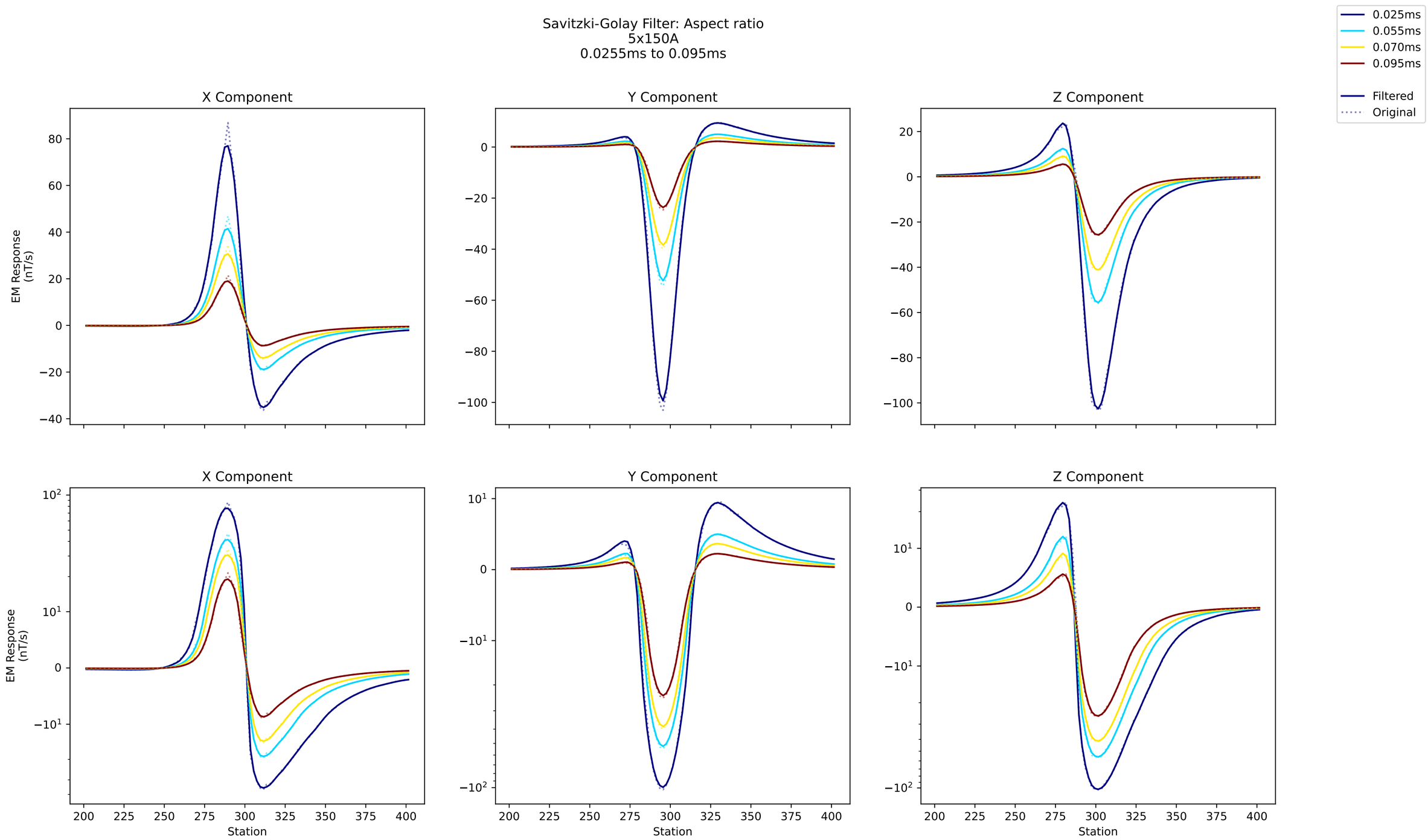

Savitzki-Golay Filter: Aspect ratio
50x150C
0.56ms to 1.315ms
0.560ms
0.745ms
0.990ms
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

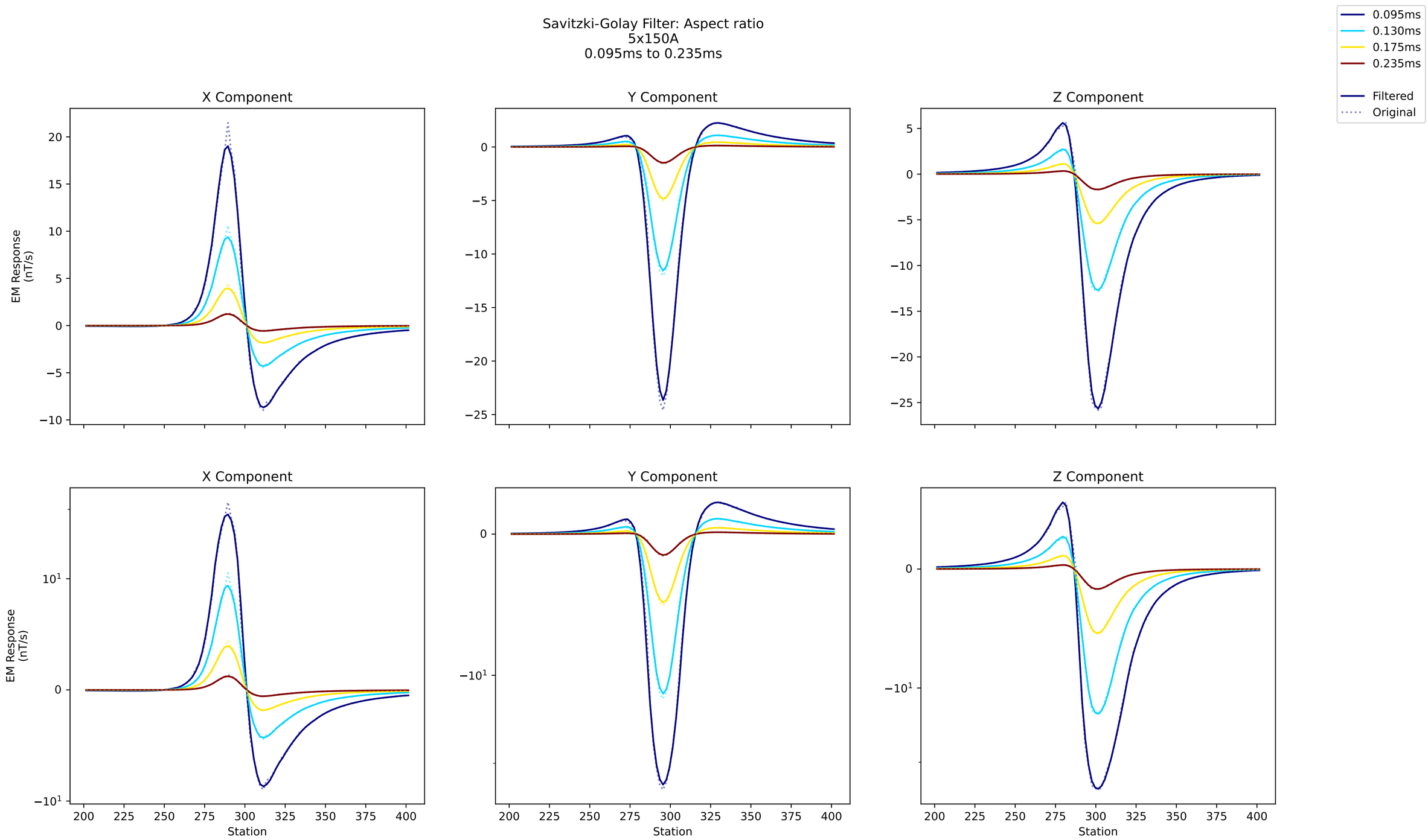

Savitzki-Golay Filter: Aspect ratio
50x150C
1.315ms to 3.075ms
1.315ms
1.745ms
2.315ms
3.075ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

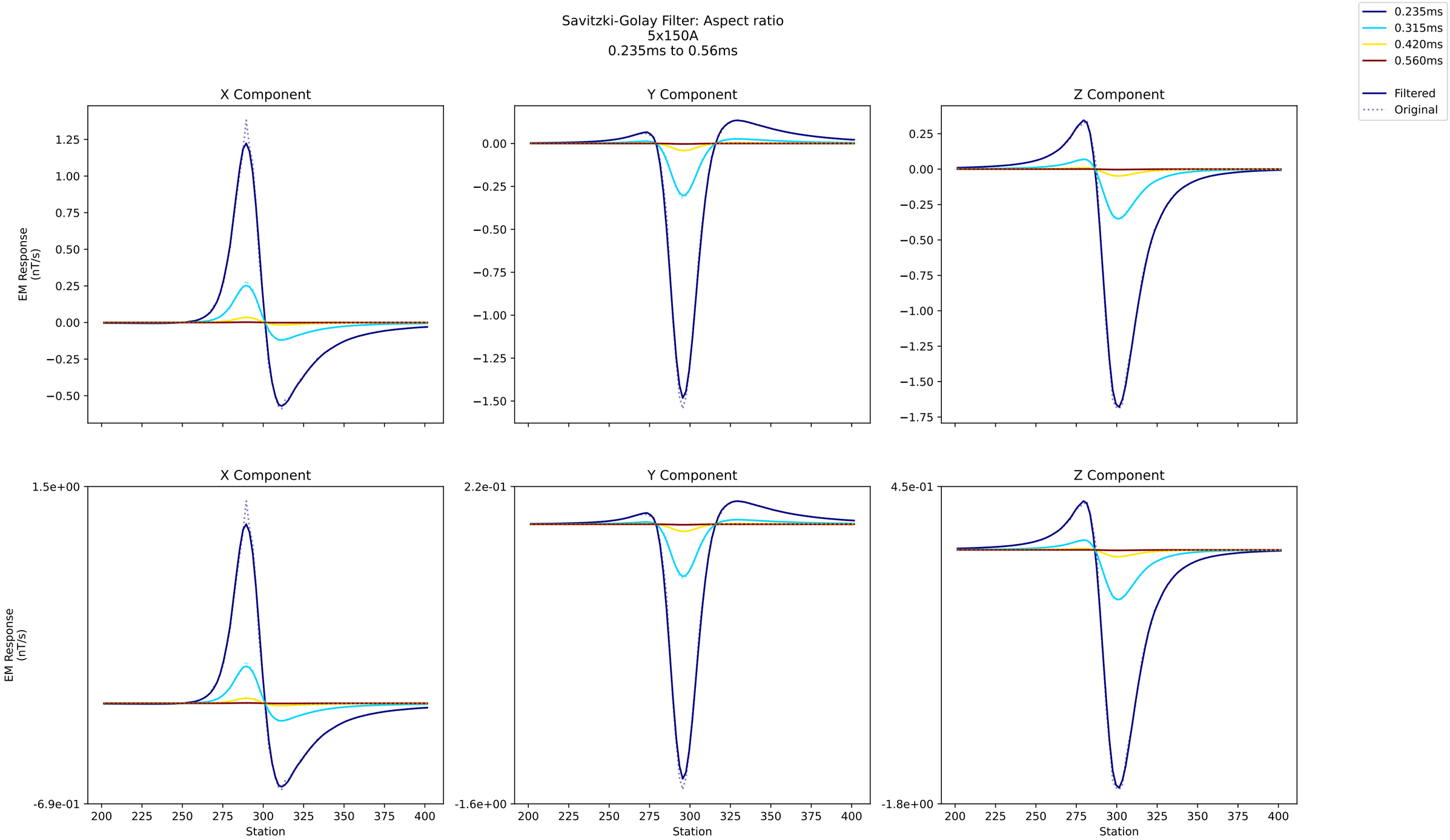

Savitzki-Golay Filter: Aspect ratio
50x150C
3.075ms to 7.205ms
3.075ms
4.085ms
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

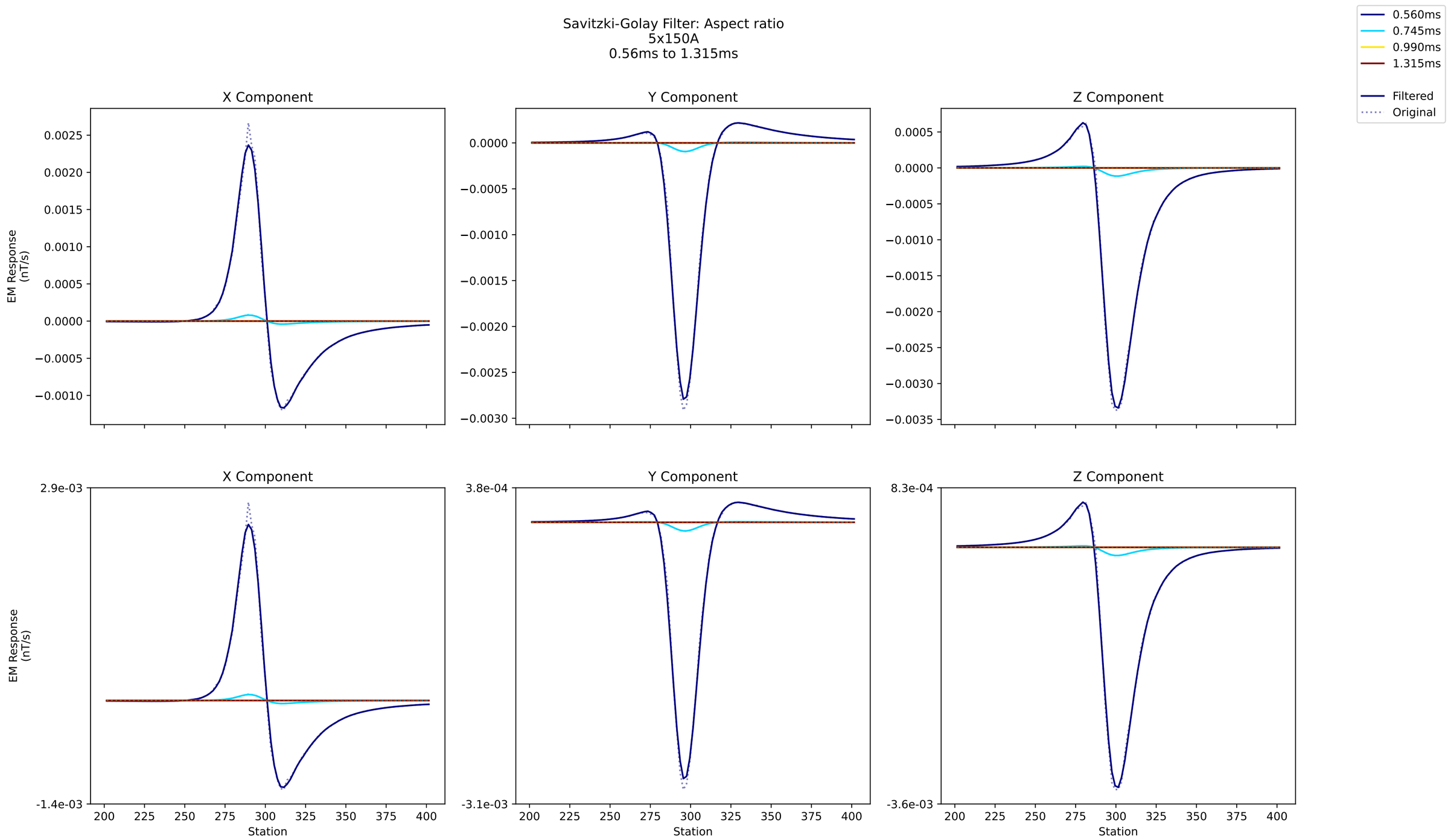

Savitzki-Golay Filter: Aspect ratio
50x150C
7.205ms to 22.73ms
7.205ms
9.570ms
12.660ms
22.730ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

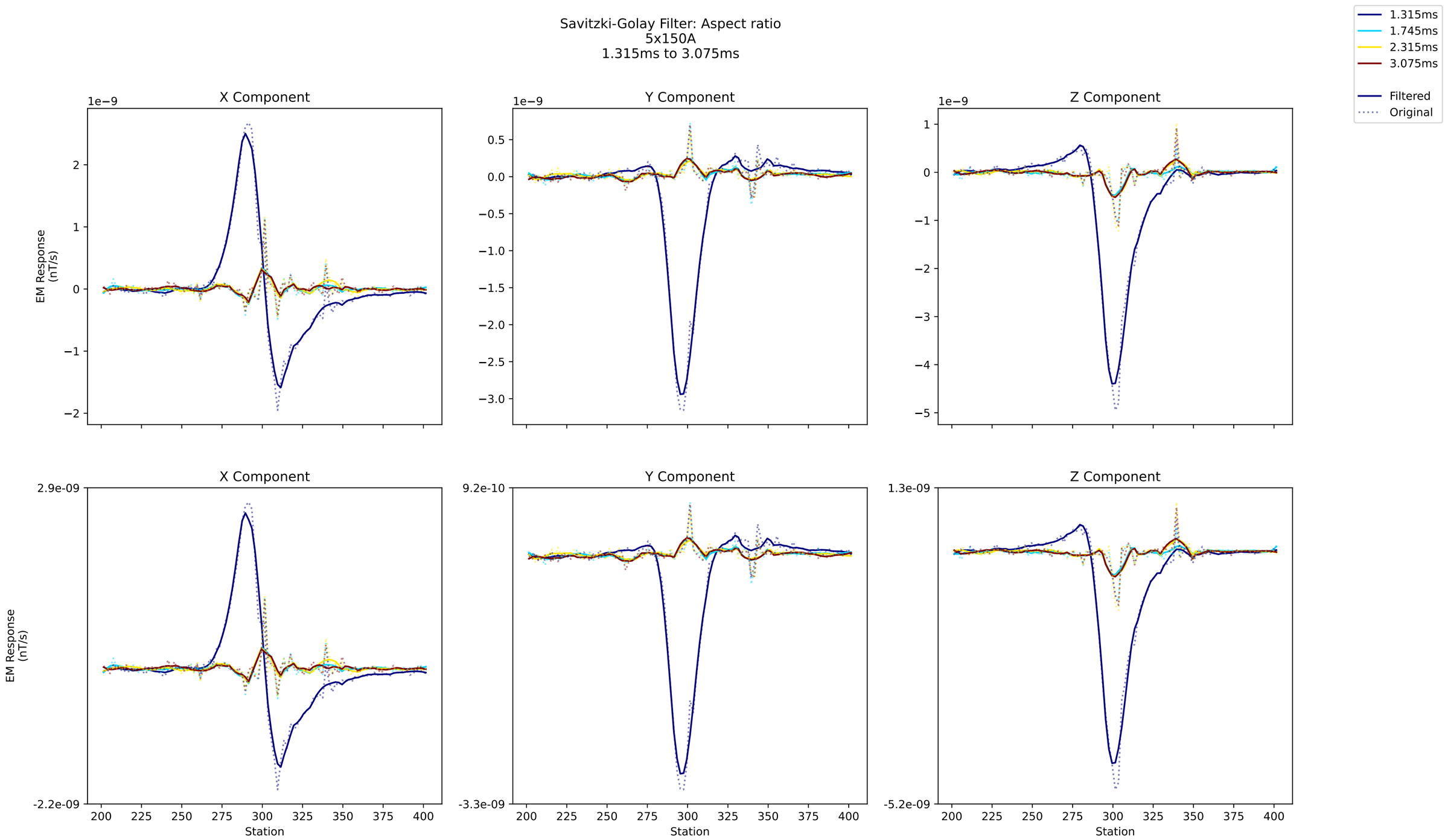

Savitzki-Golay Filter: Aspect ratio
50x150C
22.73ms to 48.115ms
22.730ms
39.395ms
48.115ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

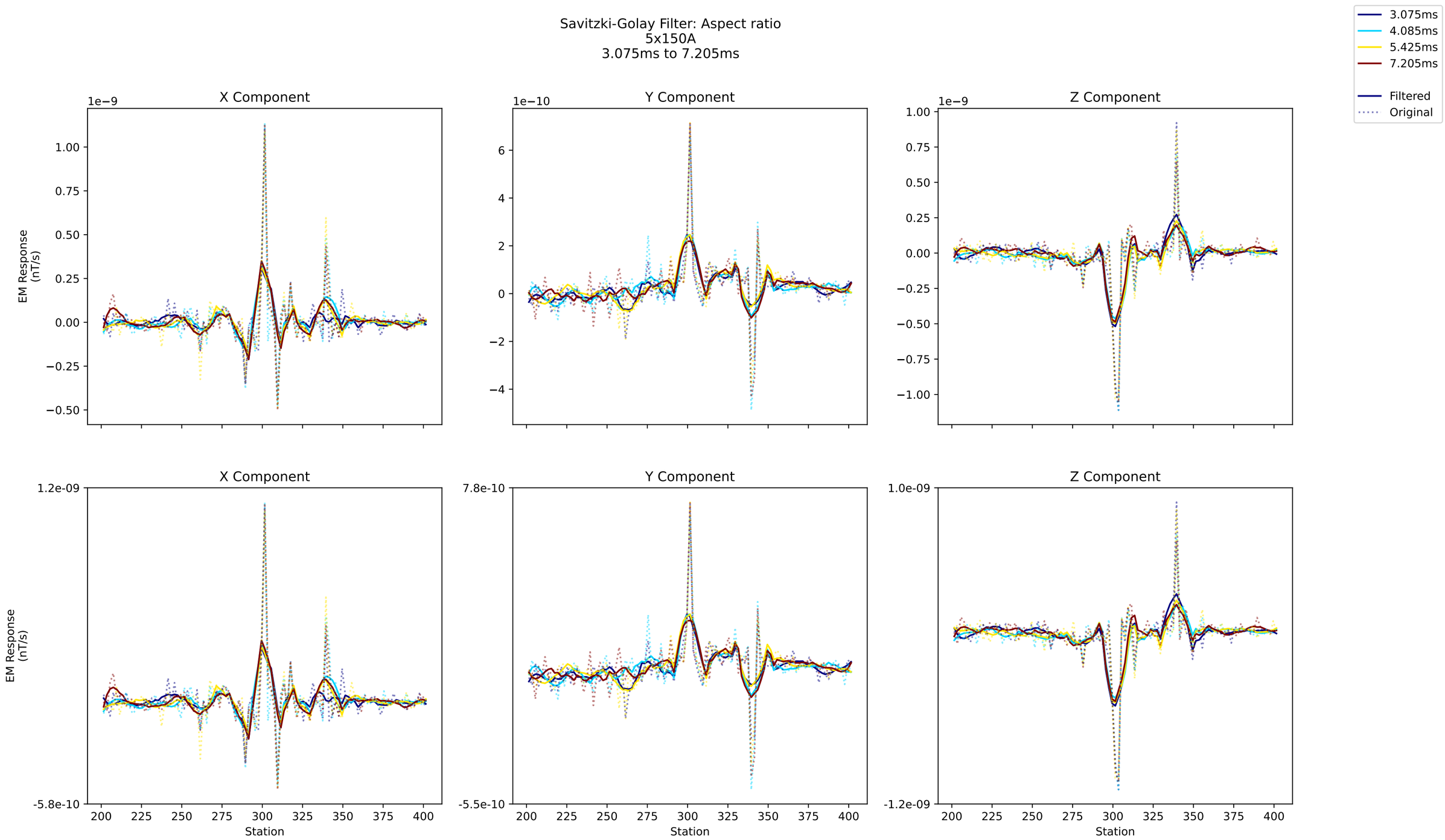

Savitzki-Golay Filter: Aspect ratio
5x150A
0.0255ms to 0.095ms
0.025ms
0.055ms
0.070ms
0.095ms
Filtered
Original
X Component
Y Component
Z Component
EM Response (nT/s)
Station

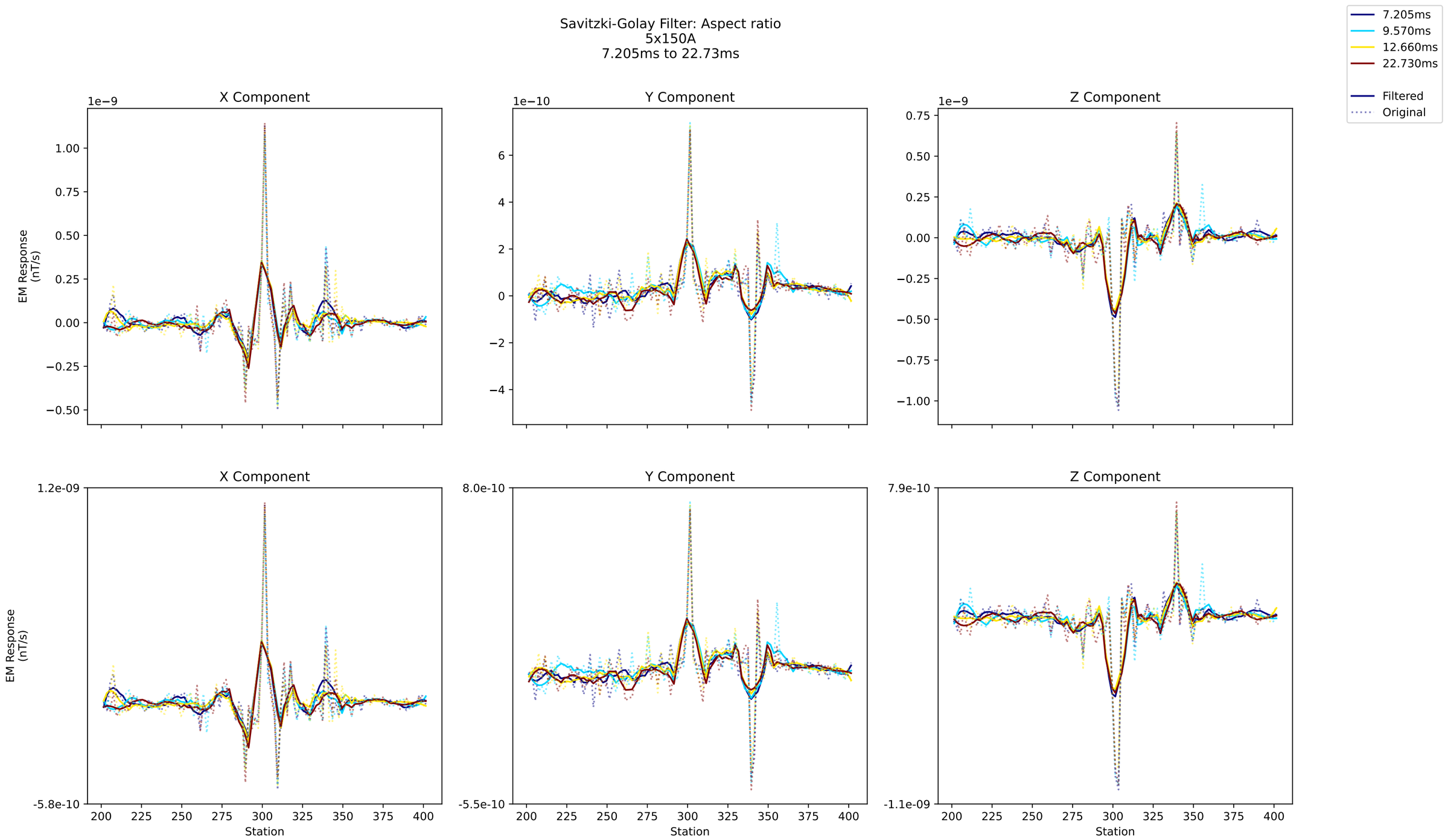

Savitzki-Golay Filter: Aspect ratio
5x150A
0.095ms to 0.235ms
0.095ms
0.130ms
0.175ms
0.235ms
Filtered
Original
X Component
Y Component
Z Component
EM Response (nT/s)
Station

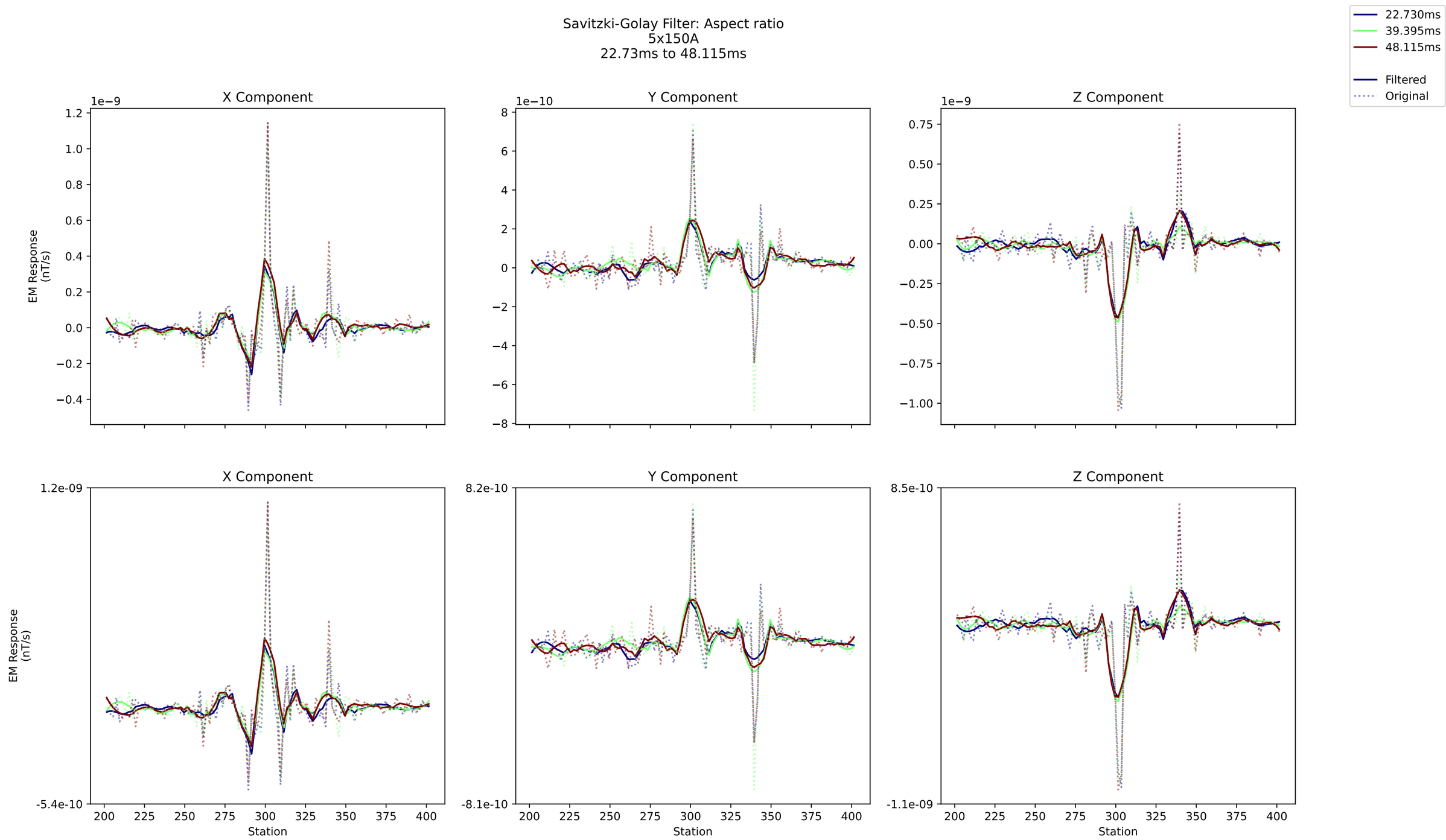

Savitzki-Golay Filter: Aspect ratio
5x150A
0.235ms to 0.56ms
0.235ms
0.315ms
0.420ms
0.560ms
Filtered
Original
X Component
Y Component
Z Component
EM Response (nT/s)
Station

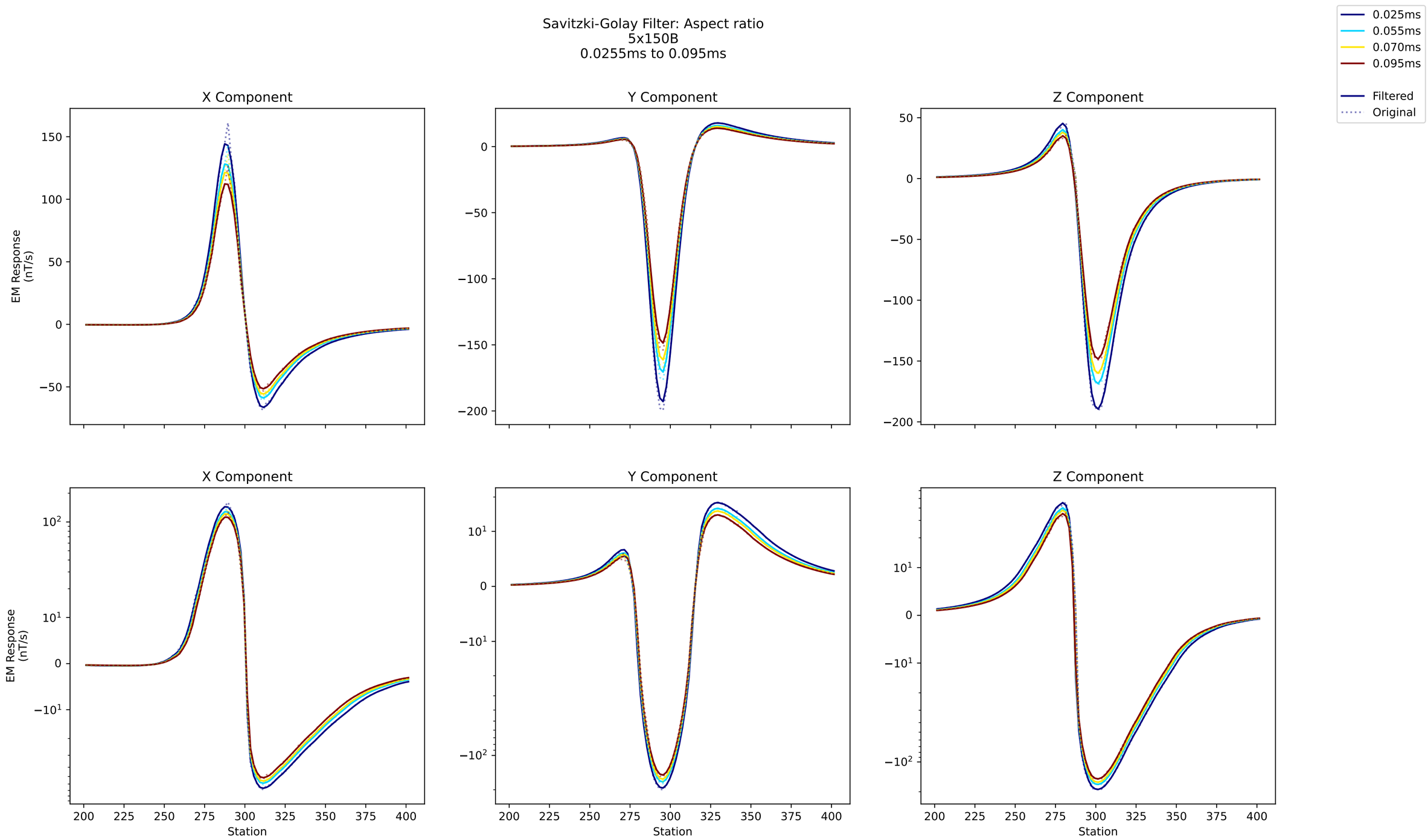

Savitzki-Golay Filter: Aspect ratio
5x150A
0.56ms to 1.315ms
0.560ms
0.745ms
0.990ms
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

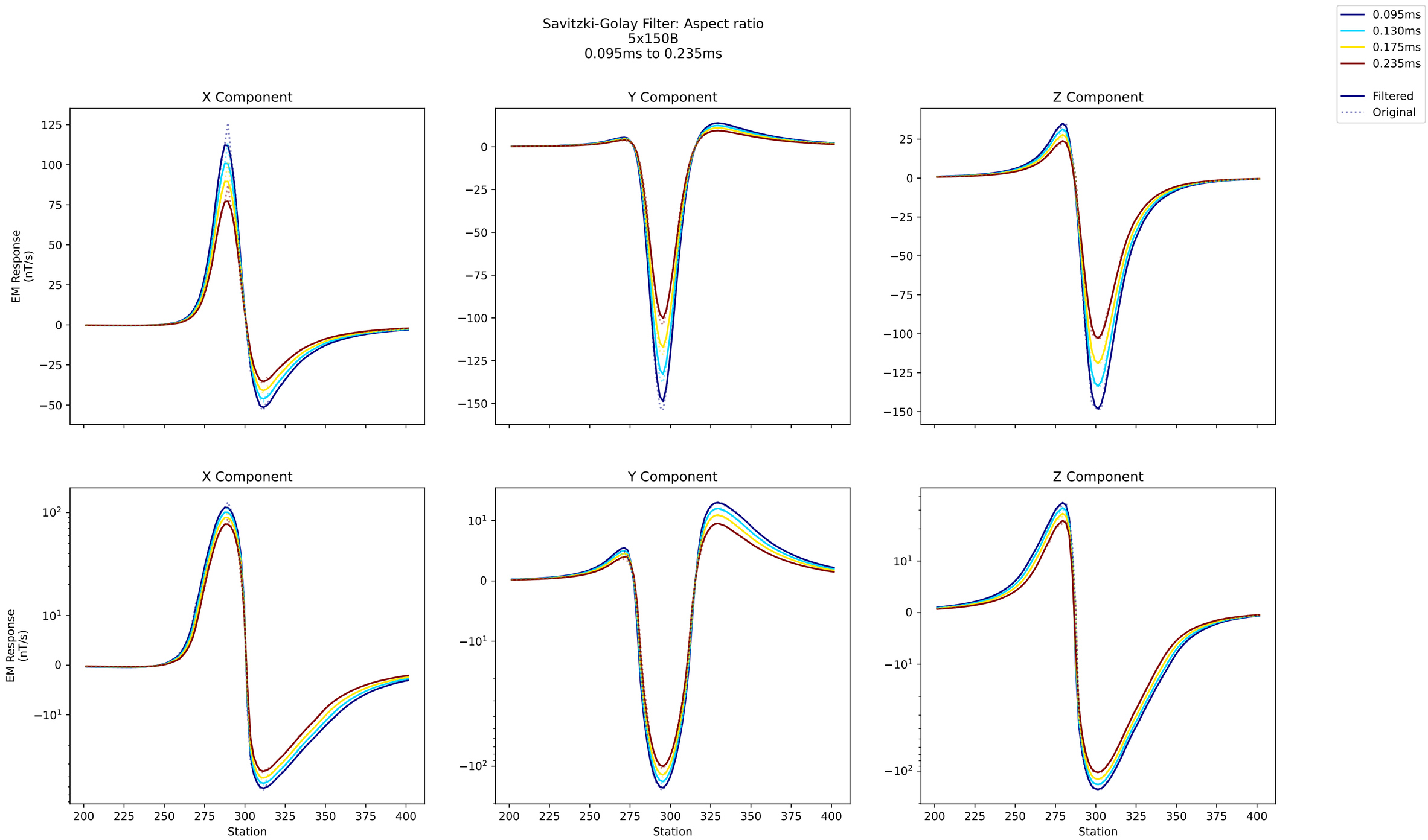

Savitzki-Golay Filter: Aspect ratio
5x150A
1.315ms to 3.075ms
1.315ms
1.745ms
2.315ms
3.075ms
Filtered
Original
X Component
Y Component
Z Component
1e−9
EM Response
(nT/s)
2.9e-09
-2.2e-09
9.2e-10
-3.3e-09
1.3e-09
-5.2e-09
200
225
250
275
300
325
350
375
400
Station

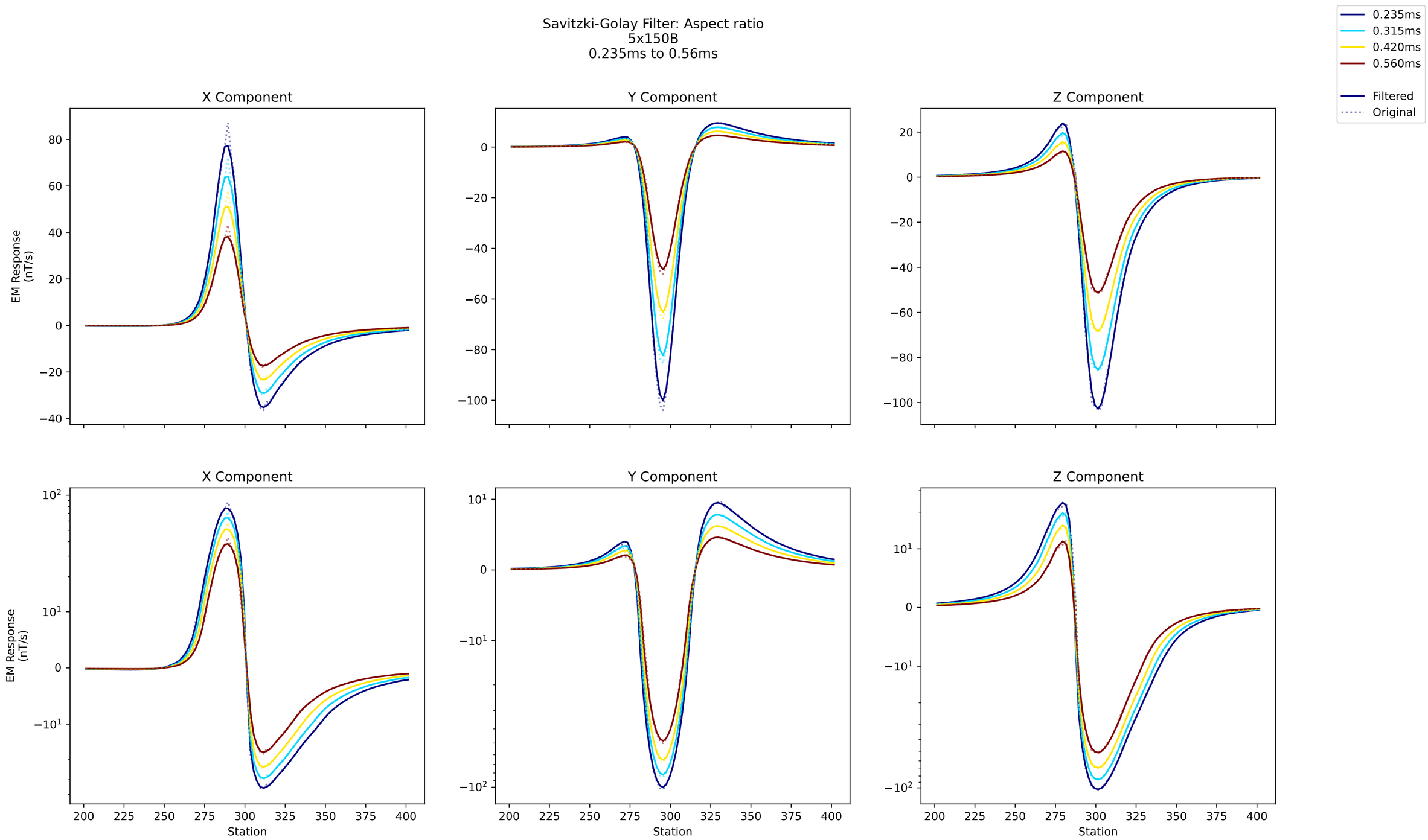

Savitzki-Golay Filter: Aspect ratio
5x150A
3.075ms to 7.205ms
3.075ms
4.085ms
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
1e−9
1e−10
1e−9
EM Response (nT/s)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
6
4
2
0
−2
−4
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
X Component
Y Component
Z Component
1.2e-09
-5.8e-10
7.8e-10
-5.5e-10
1.0e-09
-1.2e-09
EM Response (nT/s)
200
225
250
275
300
325
350
375
400
Station

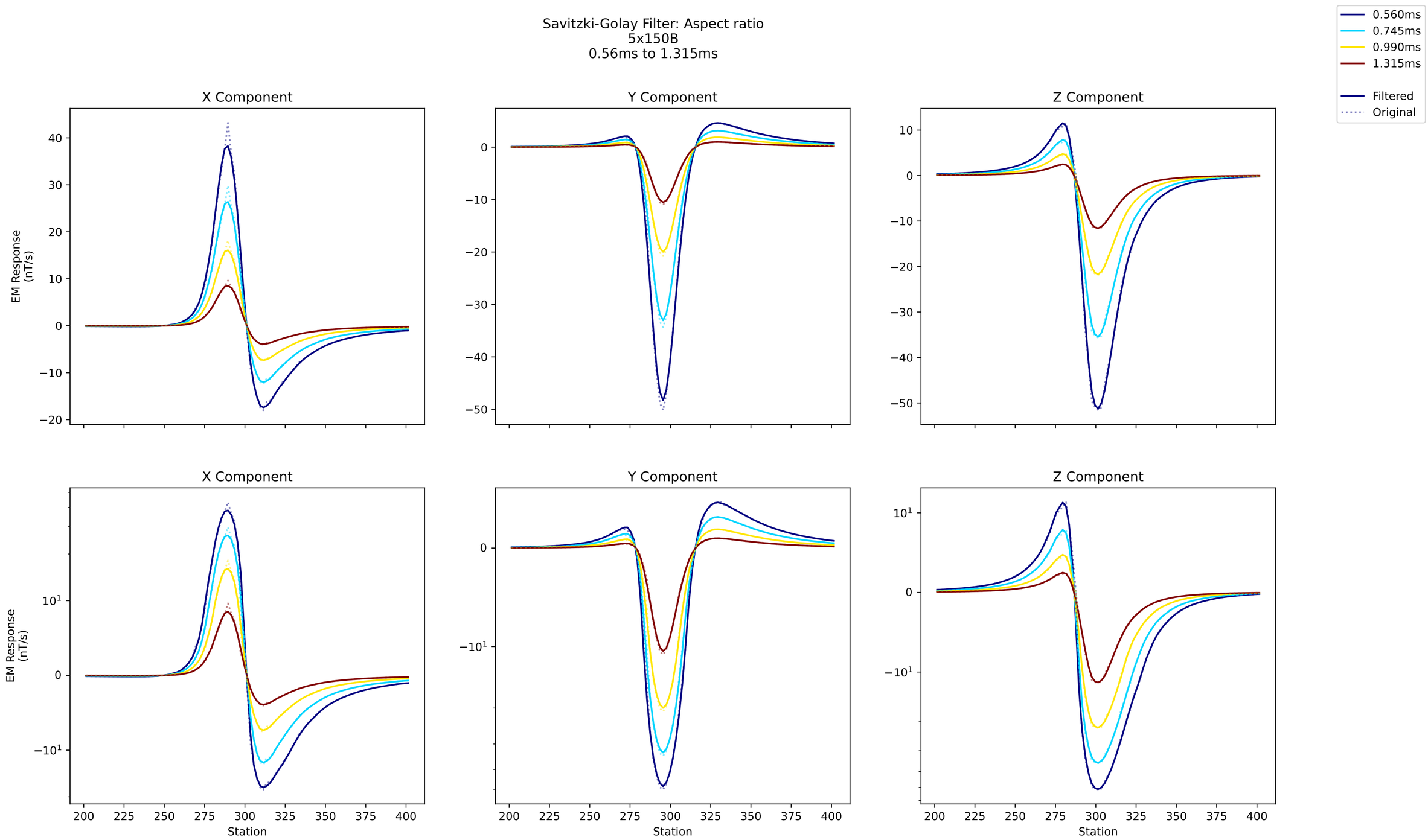

Savitzki-Golay Filter: Aspect ratio
5x150A
7.205ms to 22.73ms
7.205ms
9.570ms
12.660ms
22.730ms
Filtered
Original
X Component
Y Component
Z Component
1e−9
1e−10
1e−9
EM Response
(nT/s)
1.00
0.75
0.50
0.25
0.00
−0.25
−0.50
6
4
2
0
−2
−4
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
X Component
Y Component
Z Component
1.2e-09
-5.8e-10
8.0e-10
-5.5e-10
7.9e-10
-1.1e-09
EM Response
(nT/s)
200
225
250
275
300
325
350
375
400
Station

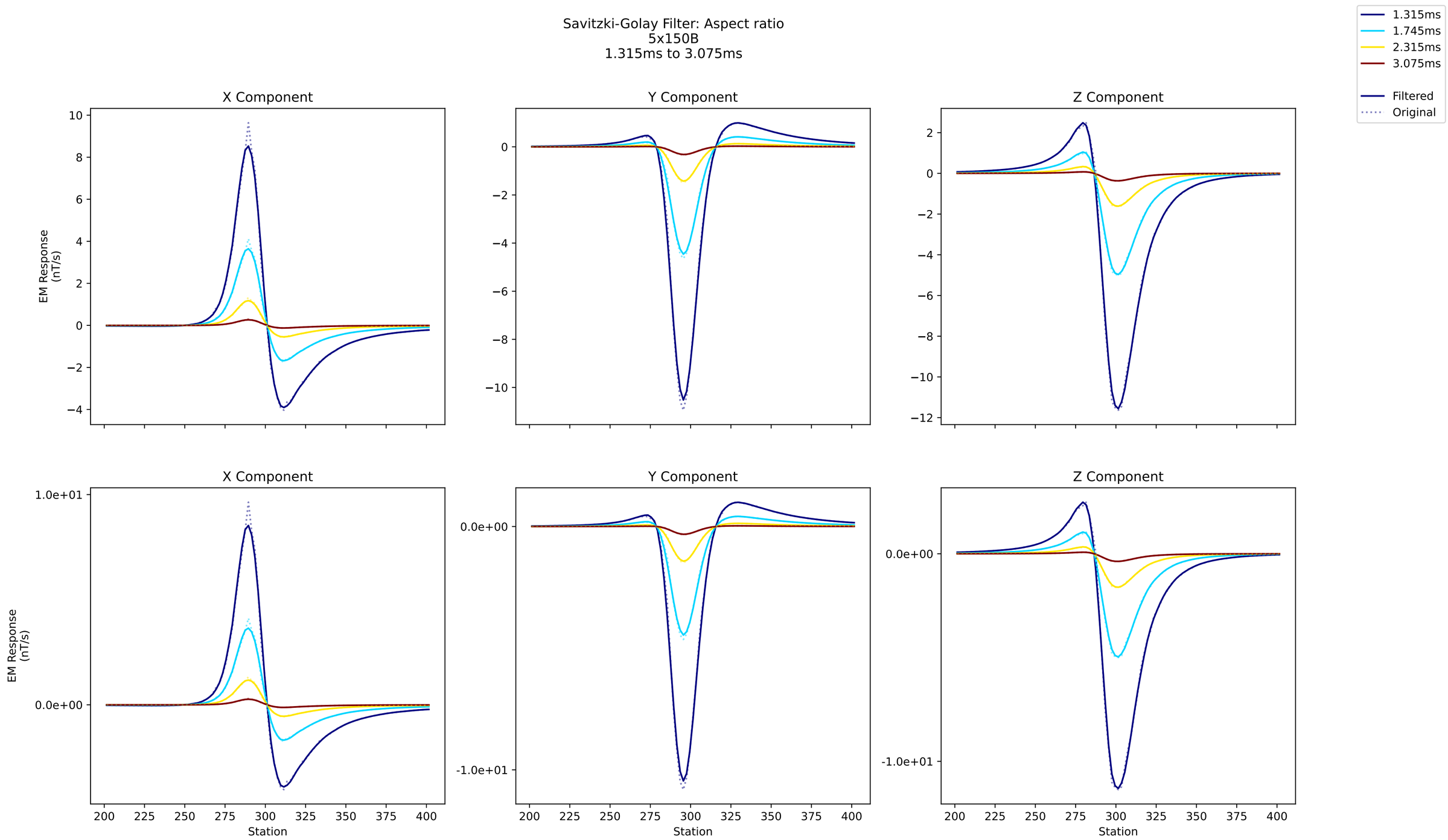

Savitzki-Golay Filter: Aspect ratio
5x150A
22.73ms to 48.115ms
22.730ms
39.395ms
48.115ms
Filtered
Original
X Component
Y Component
Z Component
1e−9
1e−10
1e−9
EM Response (nT/s)
1.2e-09
-5.4e-10
8.2e-10
-8.1e-10
8.5e-10
-1.1e-09
Station

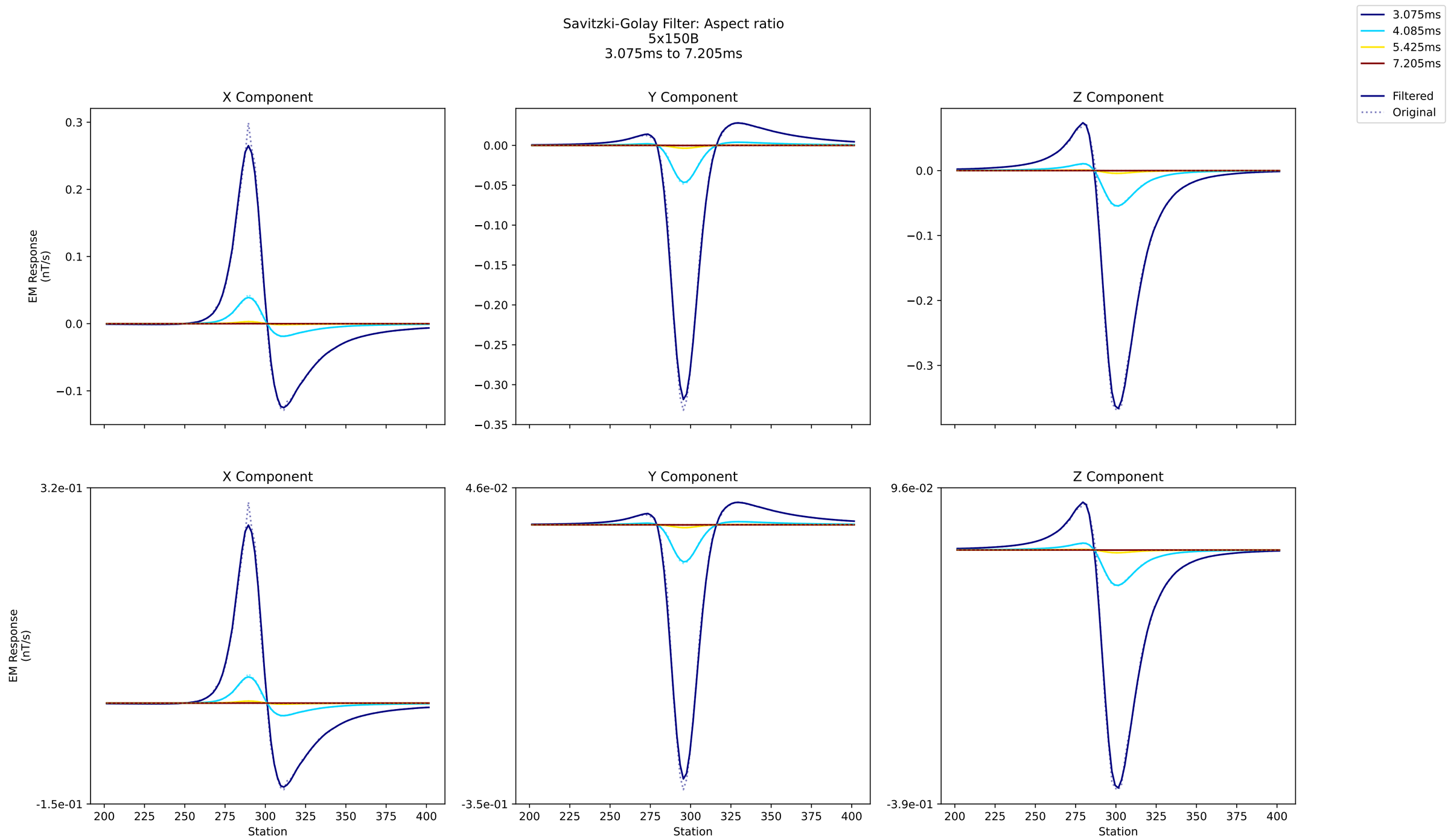

Savitzki-Golay Filter: Aspect ratio
5x150B
0.0255ms to 0.095ms
0.025ms
0.055ms
0.070ms
0.095ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

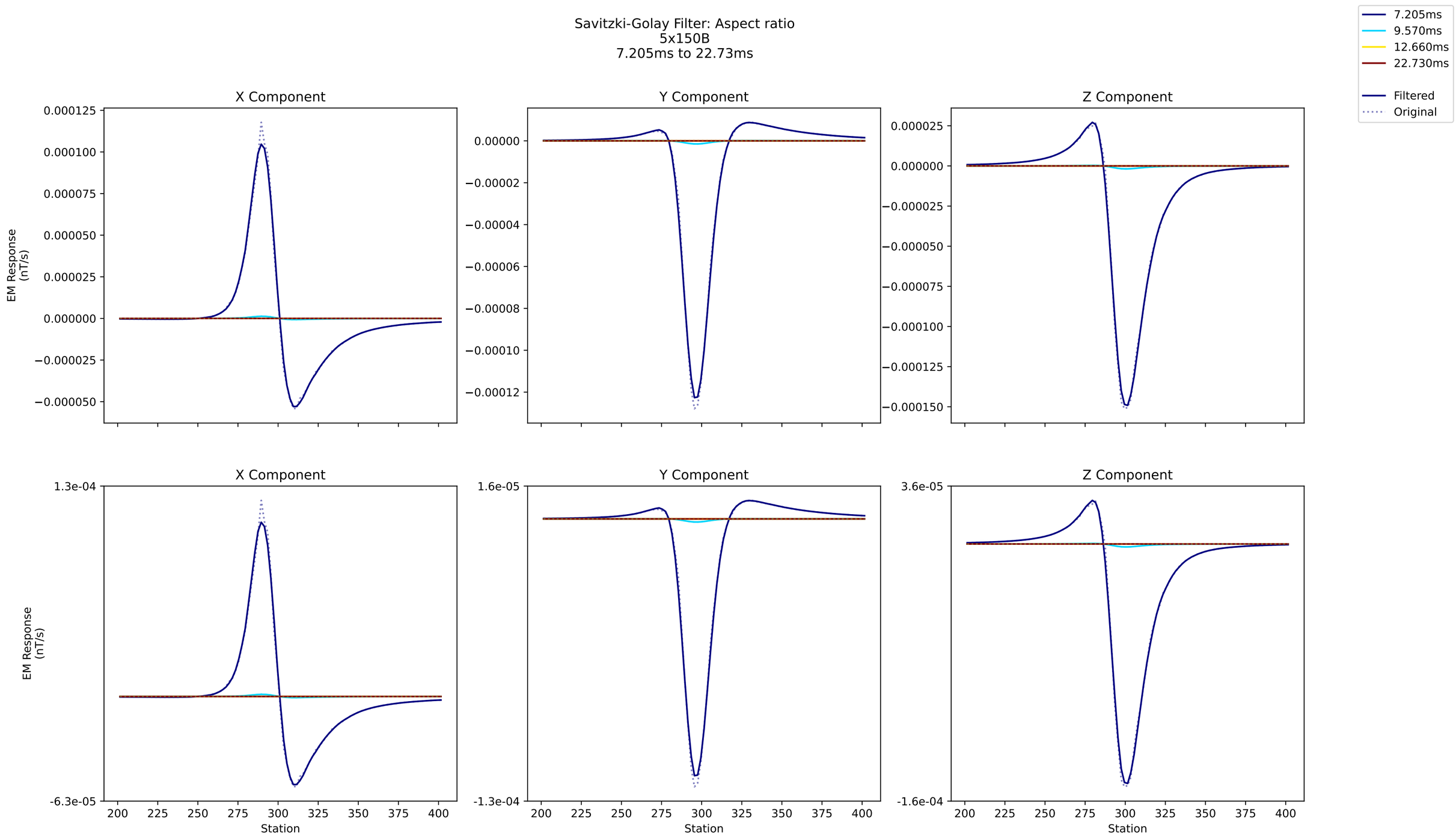

Savitzki-Golay Filter: Aspect ratio
5x150B
0.095ms to 0.235ms
0.095ms
0.130ms
0.175ms
0.235ms
Filtered
Original
X Component
Y Component
Z Component
EM Response (nT/s)
Station

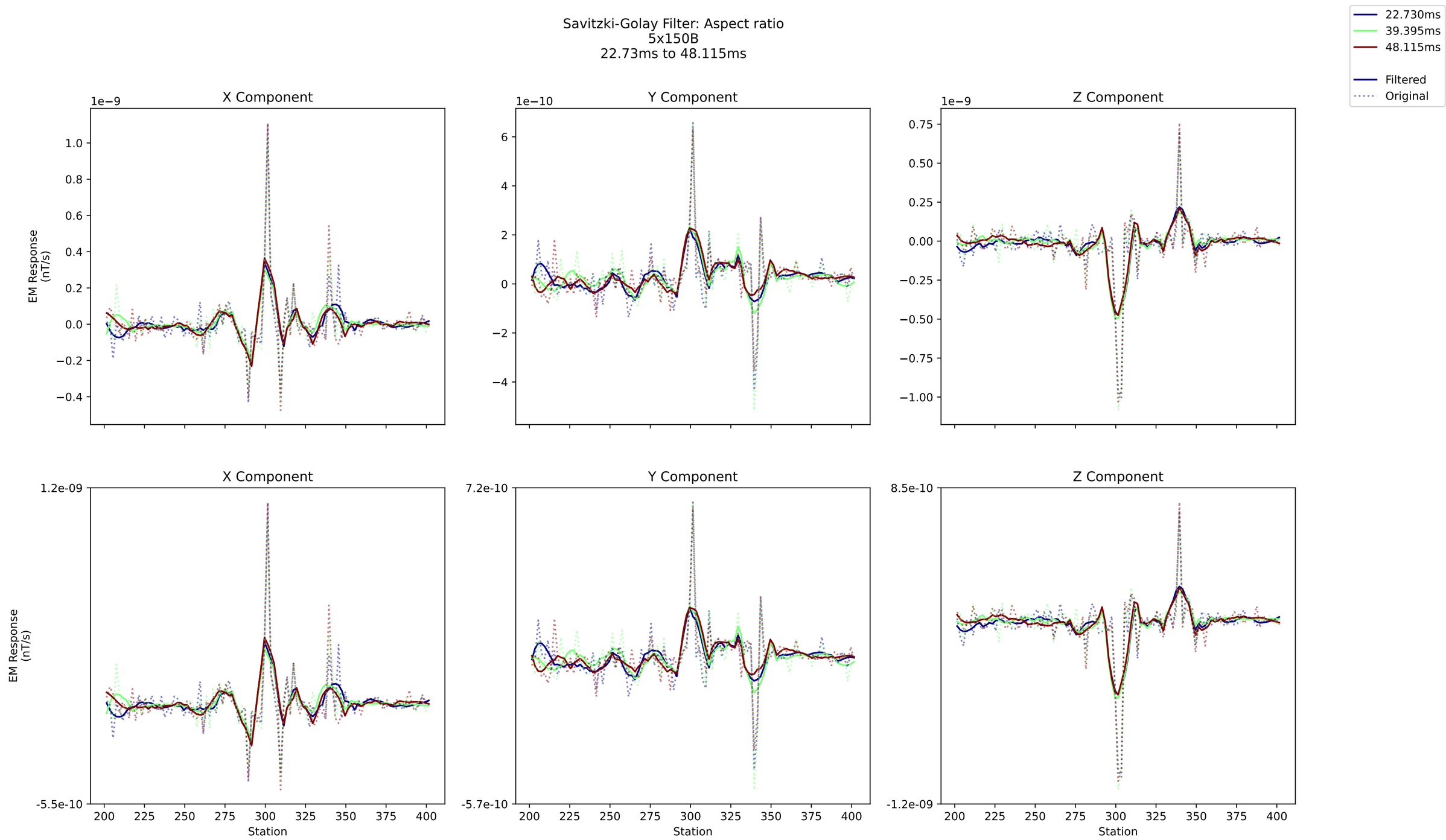

Savitzki-Golay Filter: Aspect ratio
5x150B
0.235ms to 0.56ms
0.235ms
0.315ms
0.420ms
0.560ms
Filtered
Original
X Component
Y Component
Z Component
EM Response (nT/s)
Station

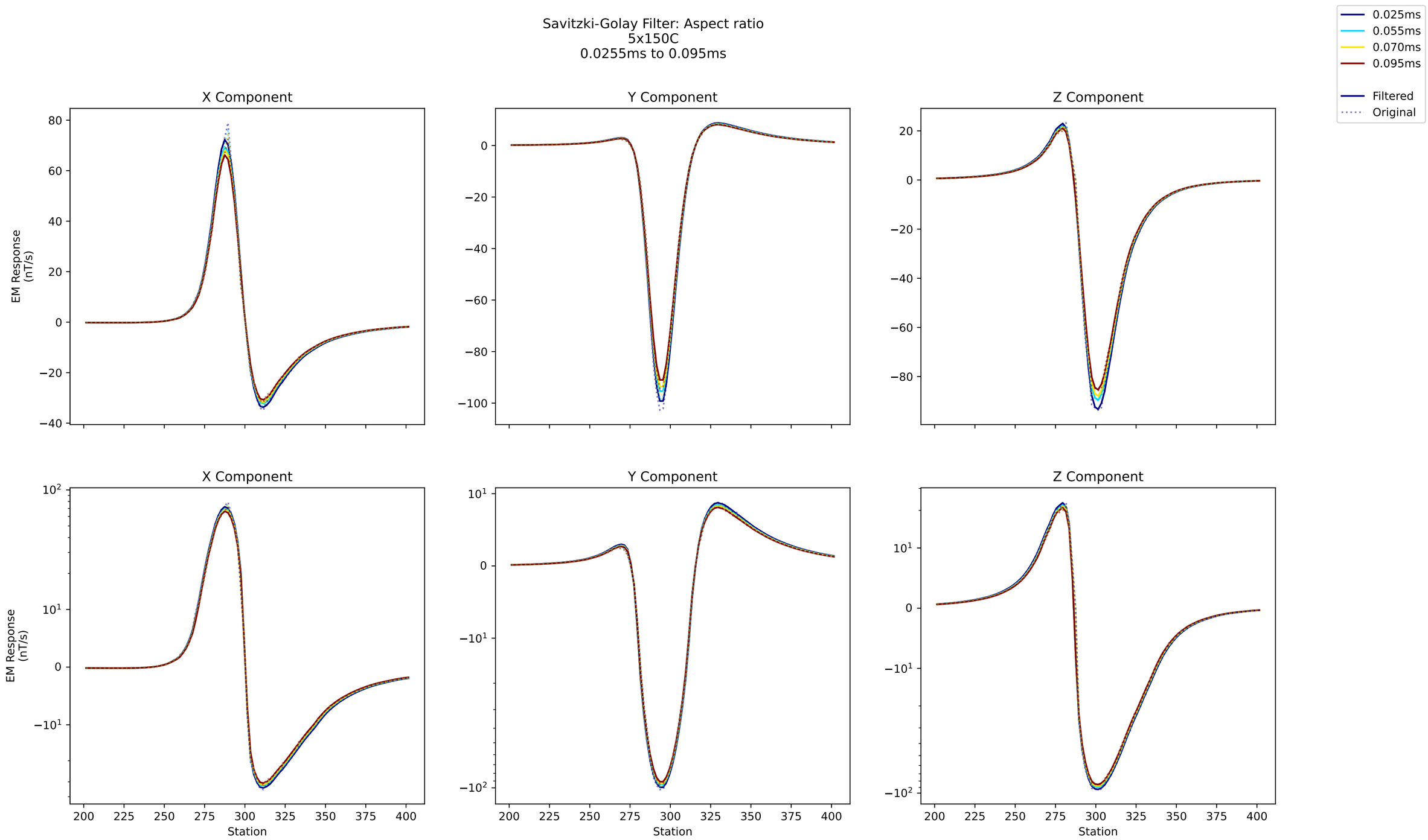

Savitzki-Golay Filter: Aspect ratio
5x150B
0.56ms to 1.315ms
0.560ms
0.745ms
0.990ms
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

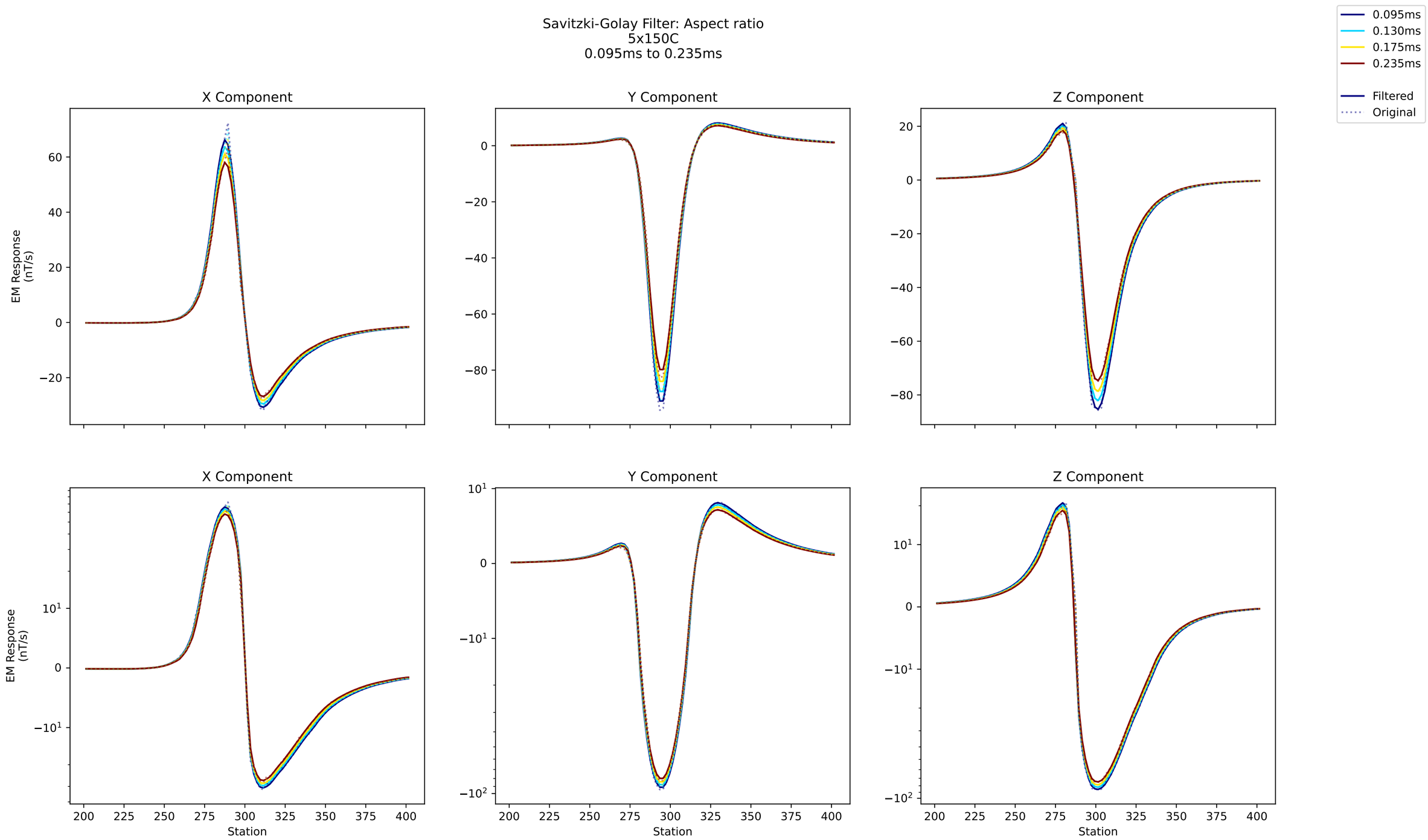

Savitzki-Golay Filter: Aspect ratio
5x150B
1.315ms to 3.075ms
1.315ms
1.745ms
2.315ms
3.075ms
Filtered
Original
X Component
Y Component
Z Component
EM Response (nT/s)
Station

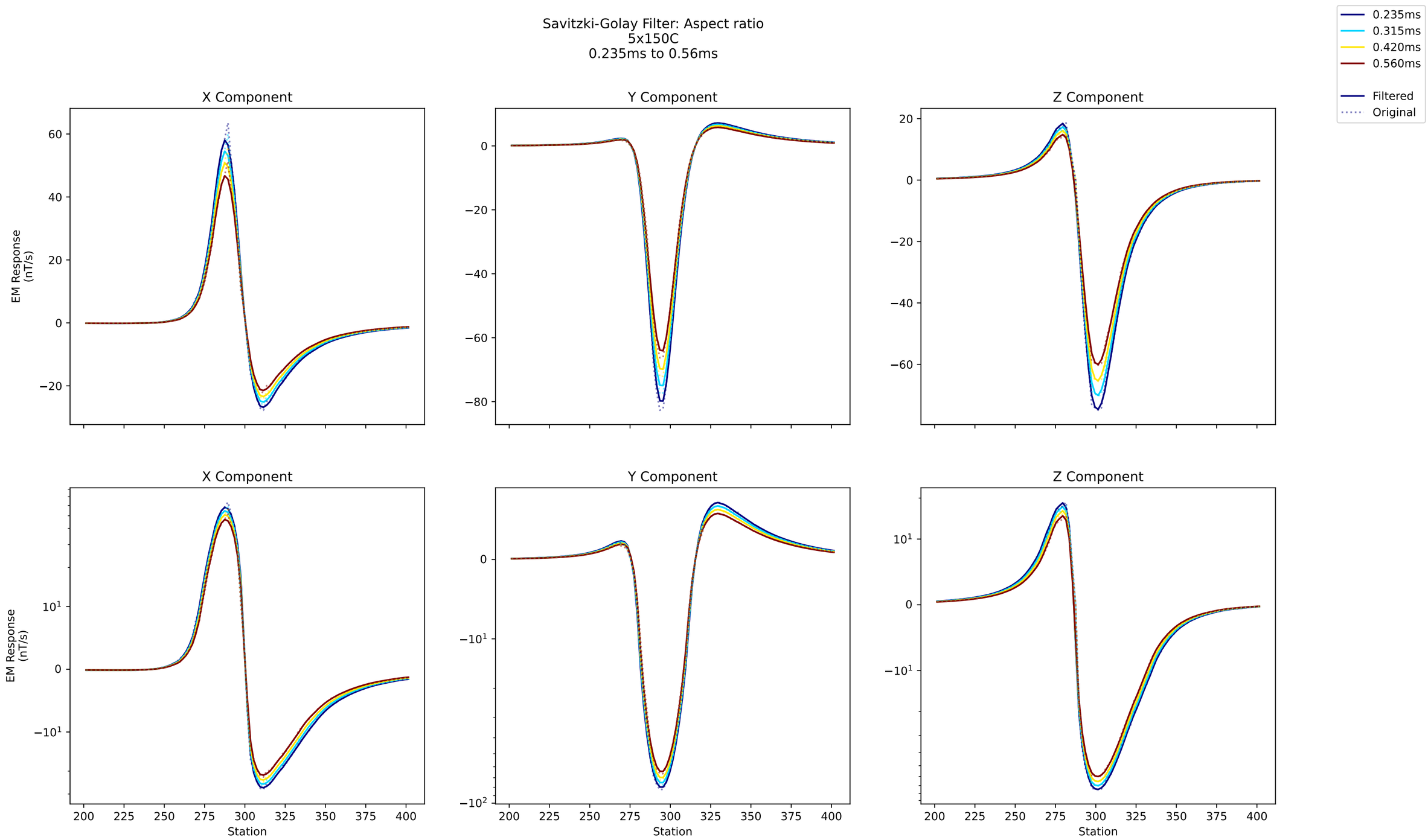

Savitzki-Golay Filter: Aspect ratio
5x150B
3.075ms to 7.205ms
3.075ms
4.085ms
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

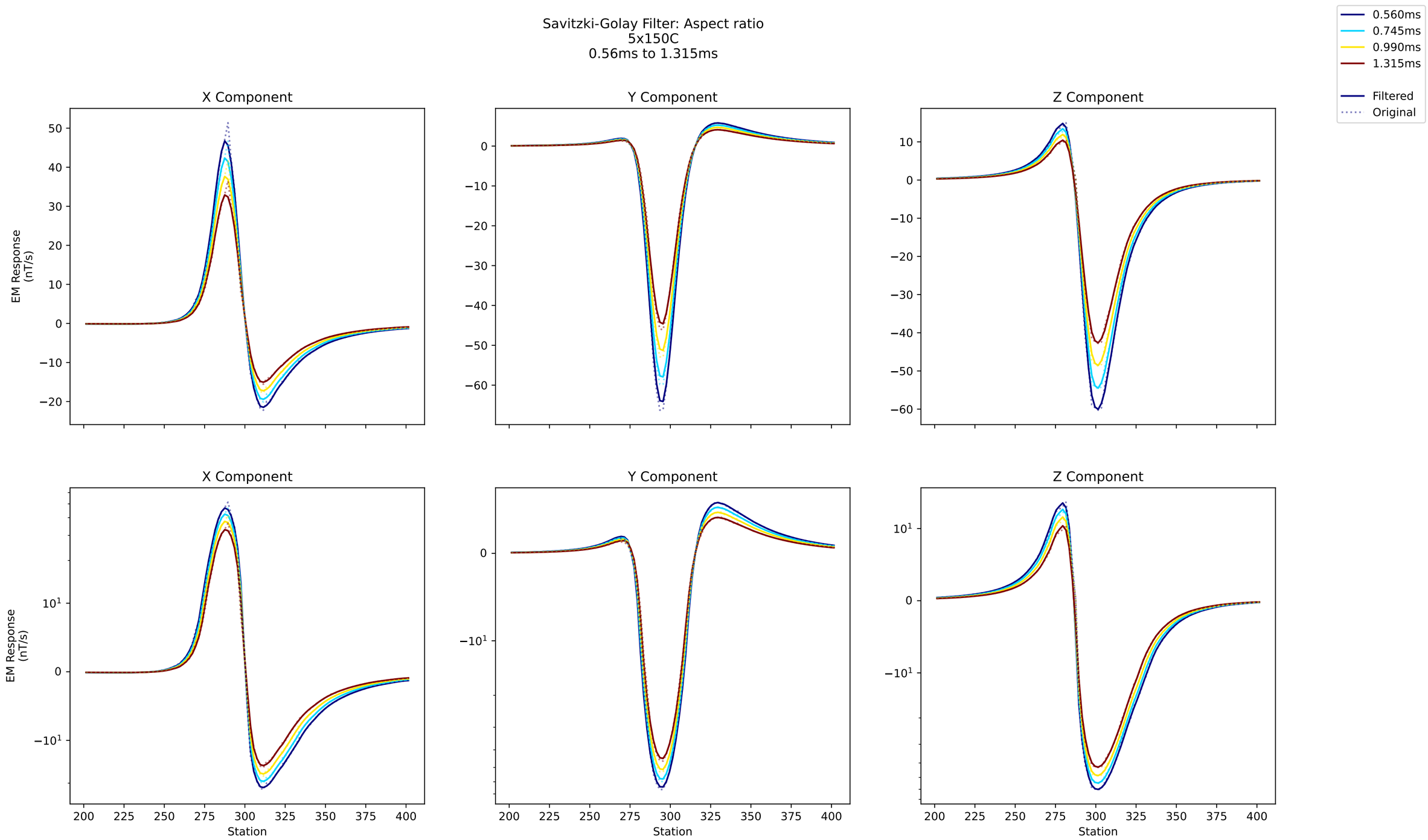

Savitzki-Golay Filter: Aspect ratio
5x150B
7.205ms to 22.73ms
7.205ms
9.570ms
12.660ms
22.730ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

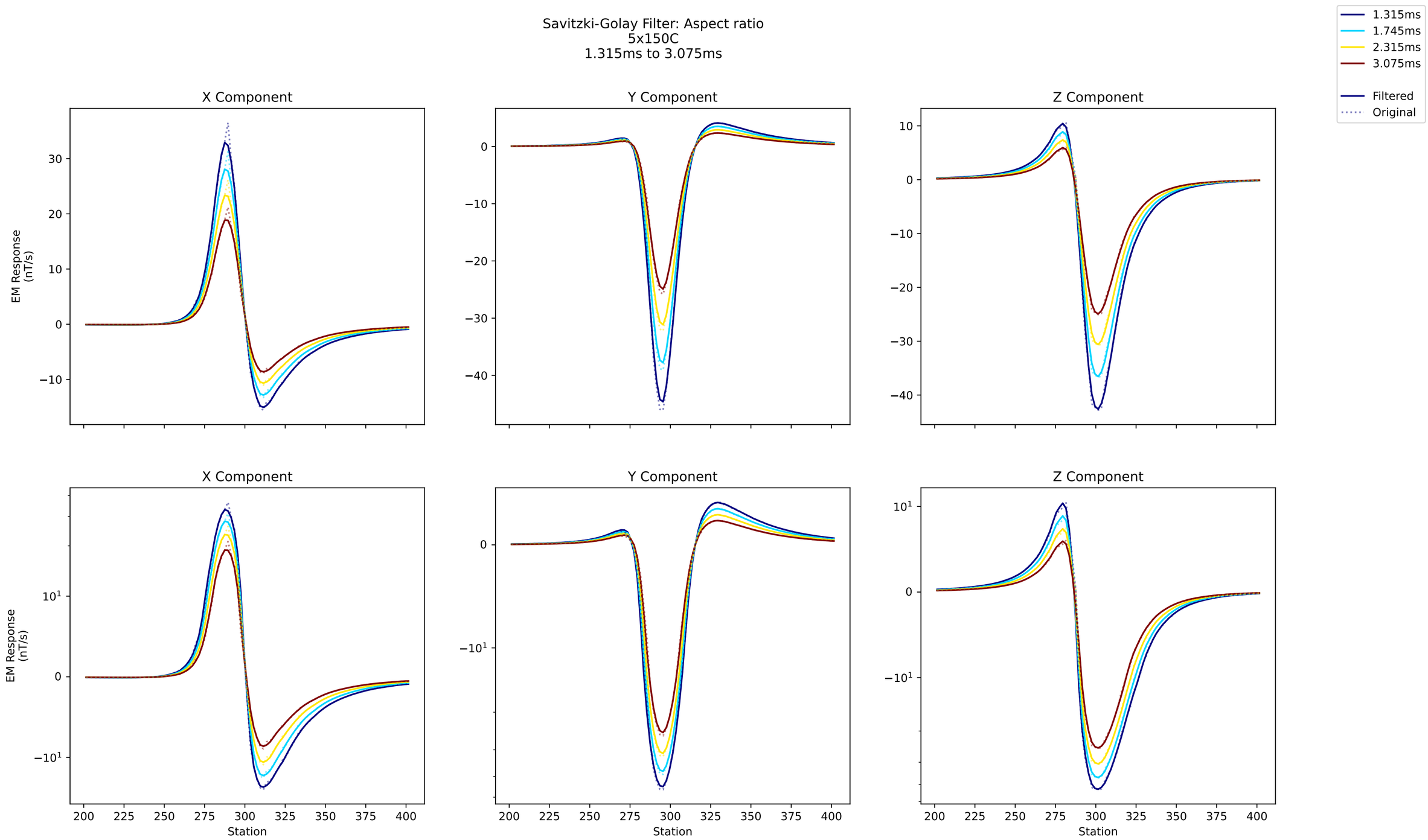

Savitzki-Golay Filter: Aspect ratio
5x150B
22.73ms to 48.115ms
22.730ms
39.395ms
48.115ms
Filtered
Original
X Component
Y Component
Z Component
1e−9
1e−10
1e−9
EM Response
(nT/s)
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
−0.4
6
4
2
0
−2
−4
0.75
0.50
0.25
0.00
−0.25
−0.50
−0.75
−1.00
1.2e-09
-5.5e-10
7.2e-10
-5.7e-10
8.5e-10
-1.2e-09
200
225
250
275
300
325
350
375
400
Station

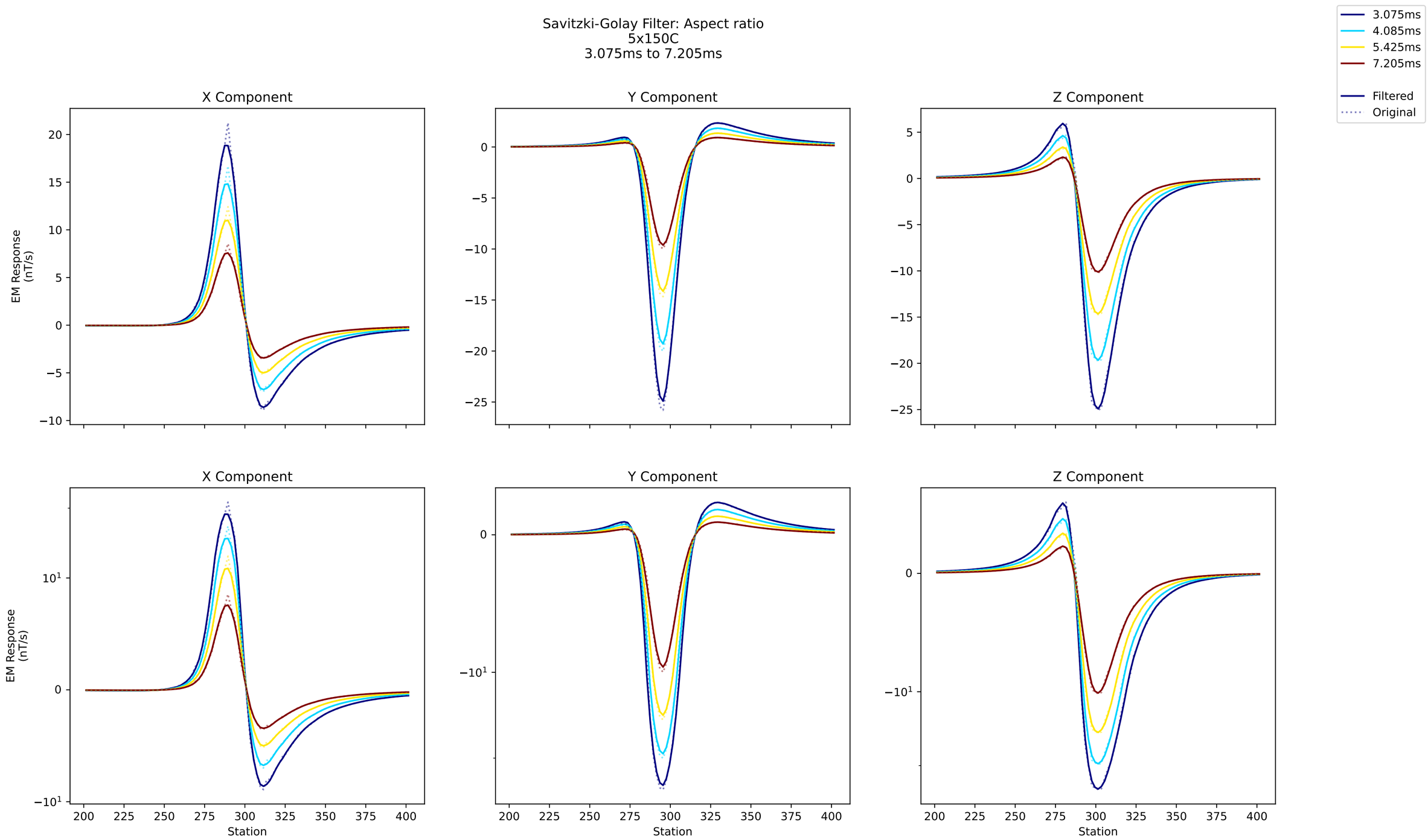

Savitzki-Golay Filter: Aspect ratio
5x150C
0.0255ms to 0.095ms
0.025ms
0.055ms
0.070ms
0.095ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

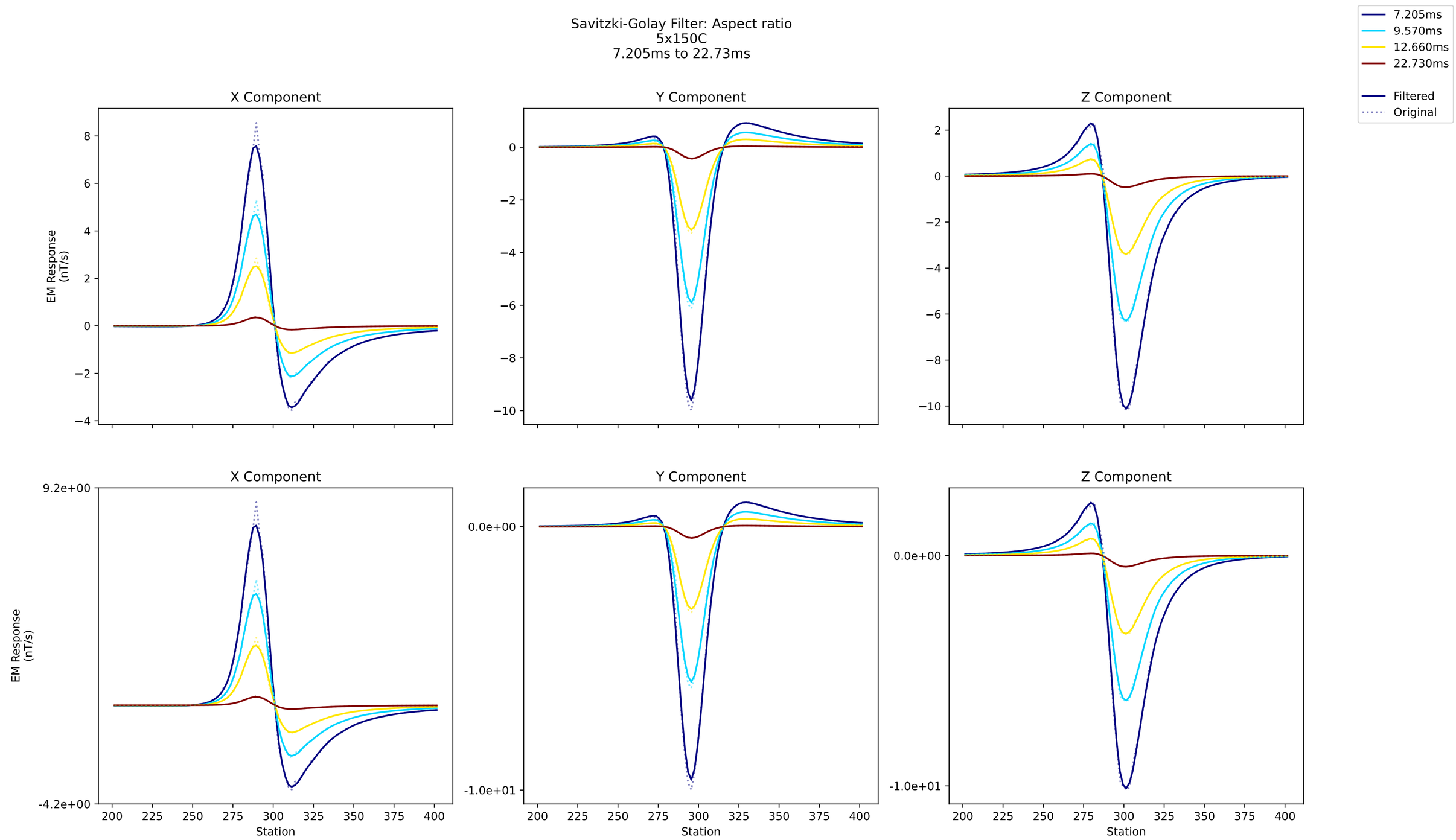

Savitzki-Golay Filter: Aspect ratio
5x150C
0.095ms to 0.235ms
0.095ms
0.130ms
0.175ms
0.235ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

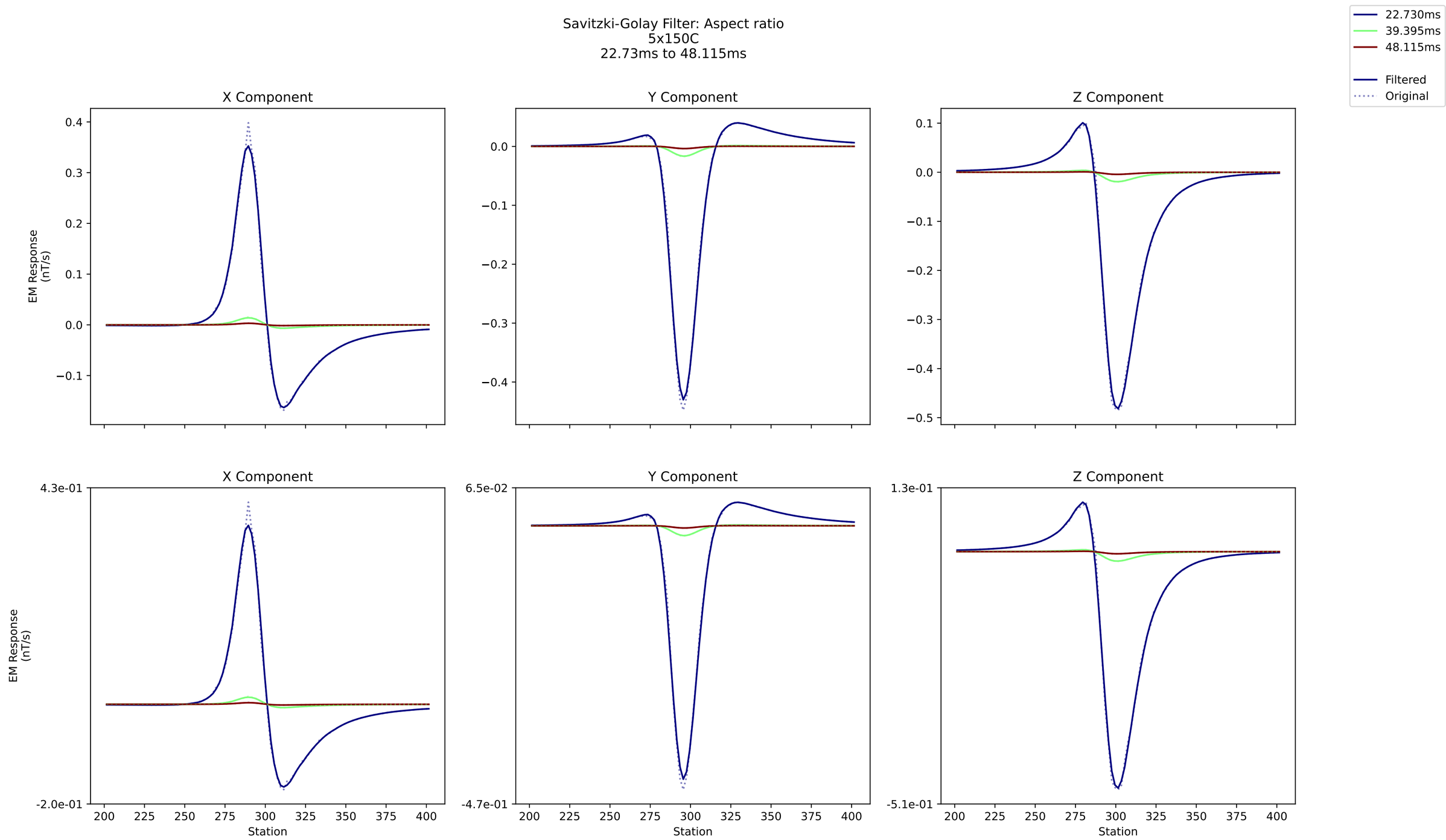

Savitzki-Golay Filter: Aspect ratio
5x150C
0.235ms to 0.56ms
0.235ms
0.315ms
0.420ms
0.560ms
Filtered
Original
X Component
Y Component
Z Component
EM Response (nT/s)
Station

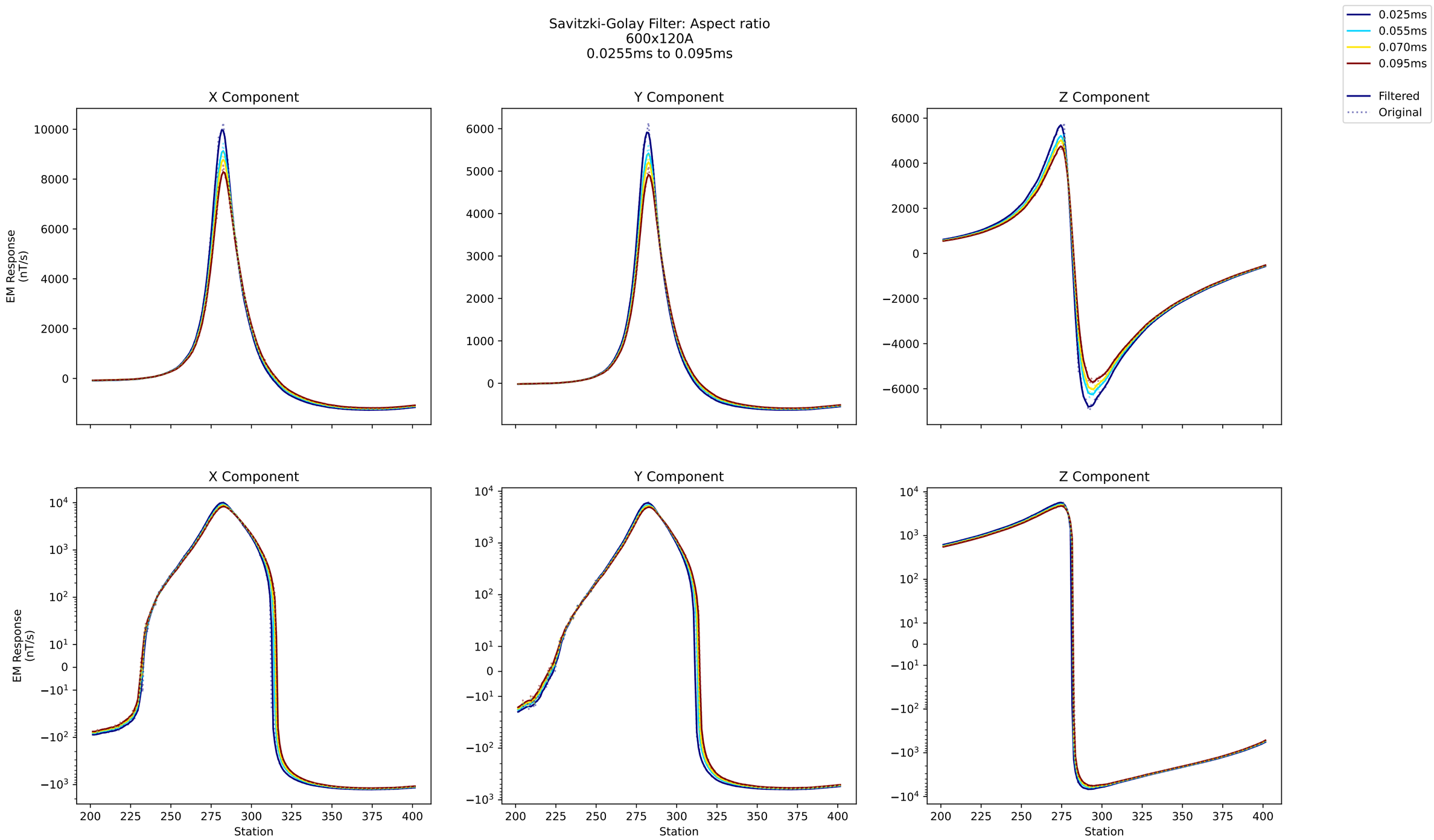

Savitzki-Golay Filter: Aspect ratio
5x150C
0.56ms to 1.315ms
0.560ms
0.745ms
0.990ms
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

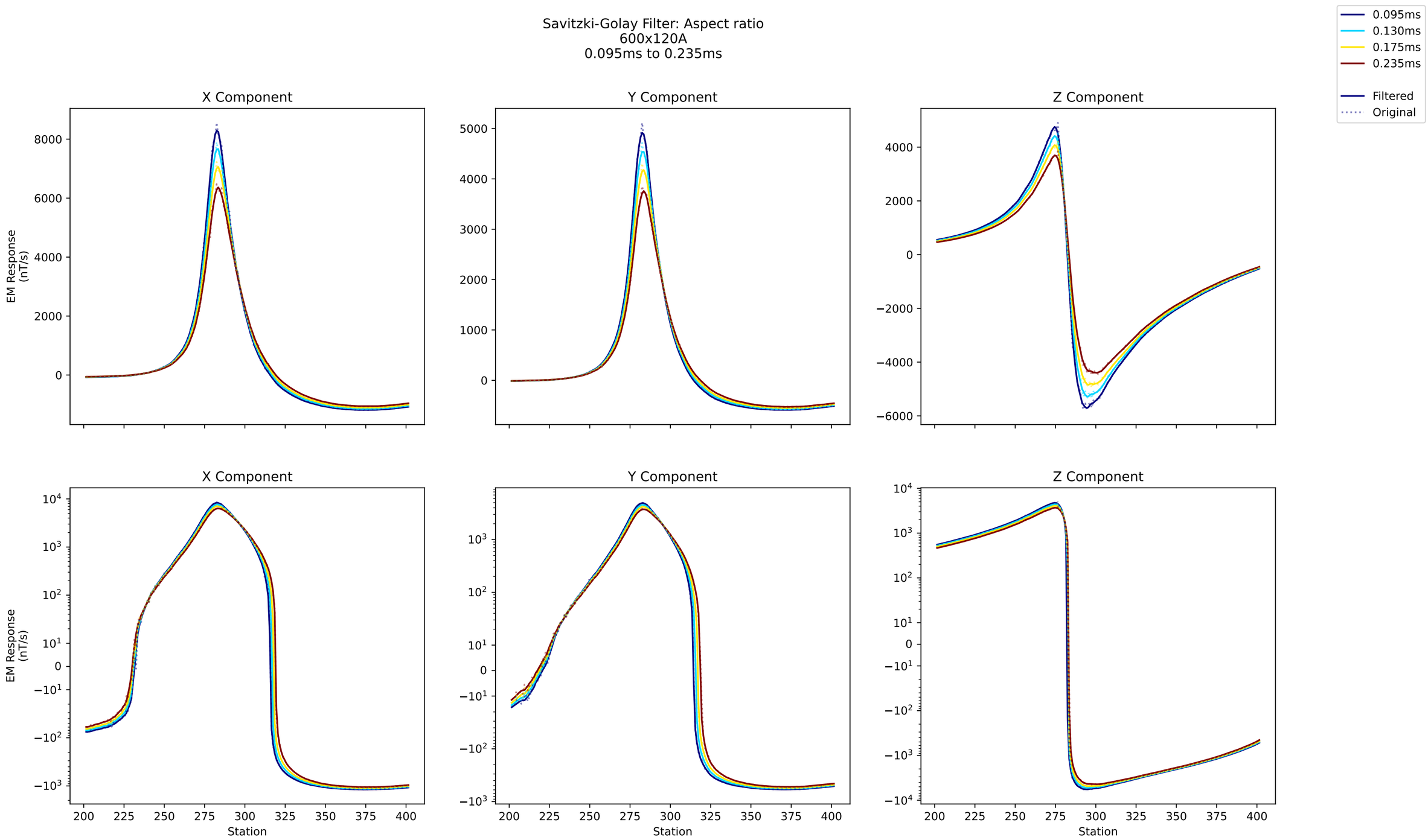

Savitzki-Golay Filter: Aspect ratio
5x150C
1.315ms to 3.075ms
1.315ms
1.745ms
2.315ms
3.075ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

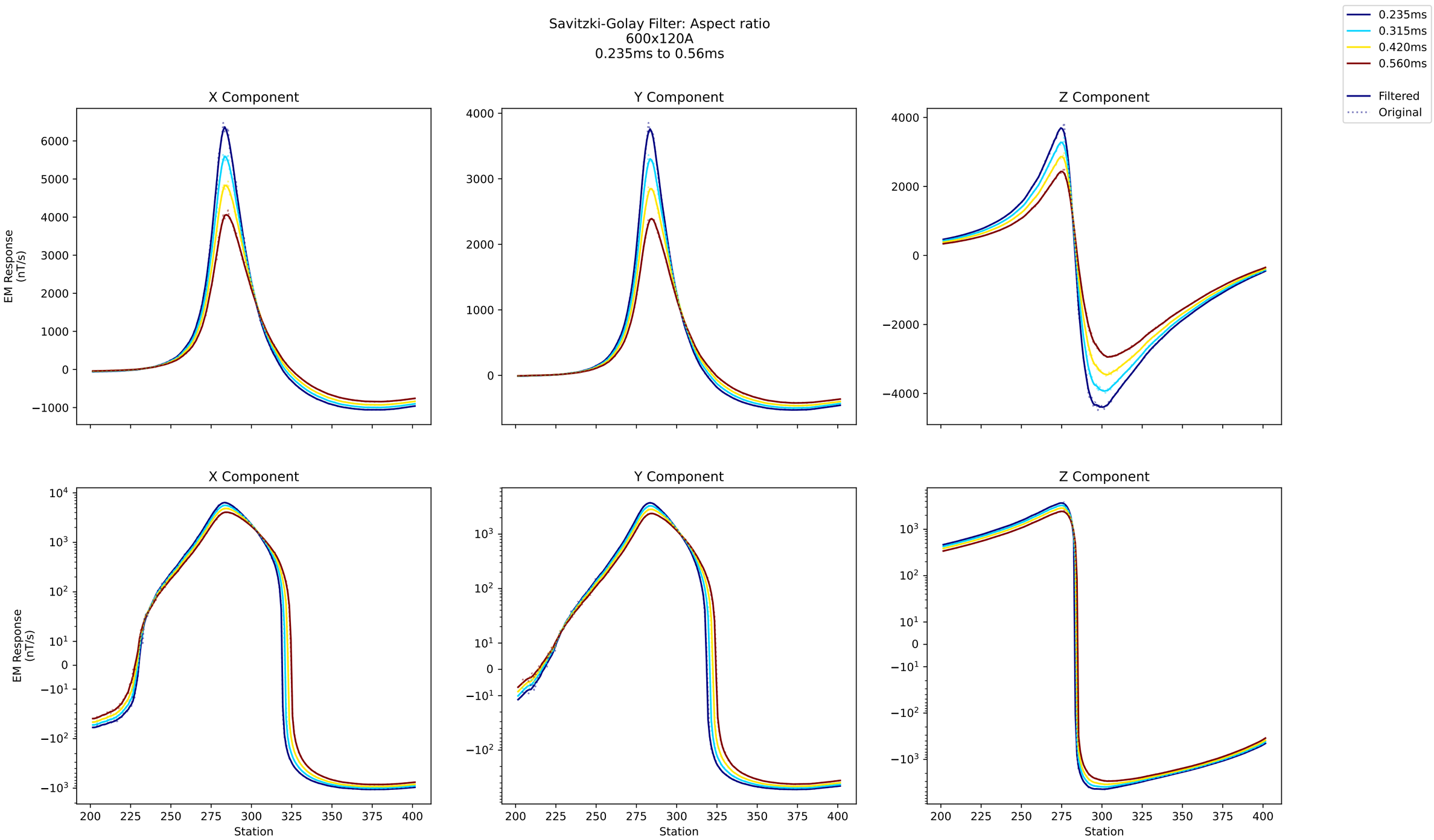

Savitzki-Golay Filter: Aspect ratio
5x150C
3.075ms to 7.205ms
3.075ms
4.085ms
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

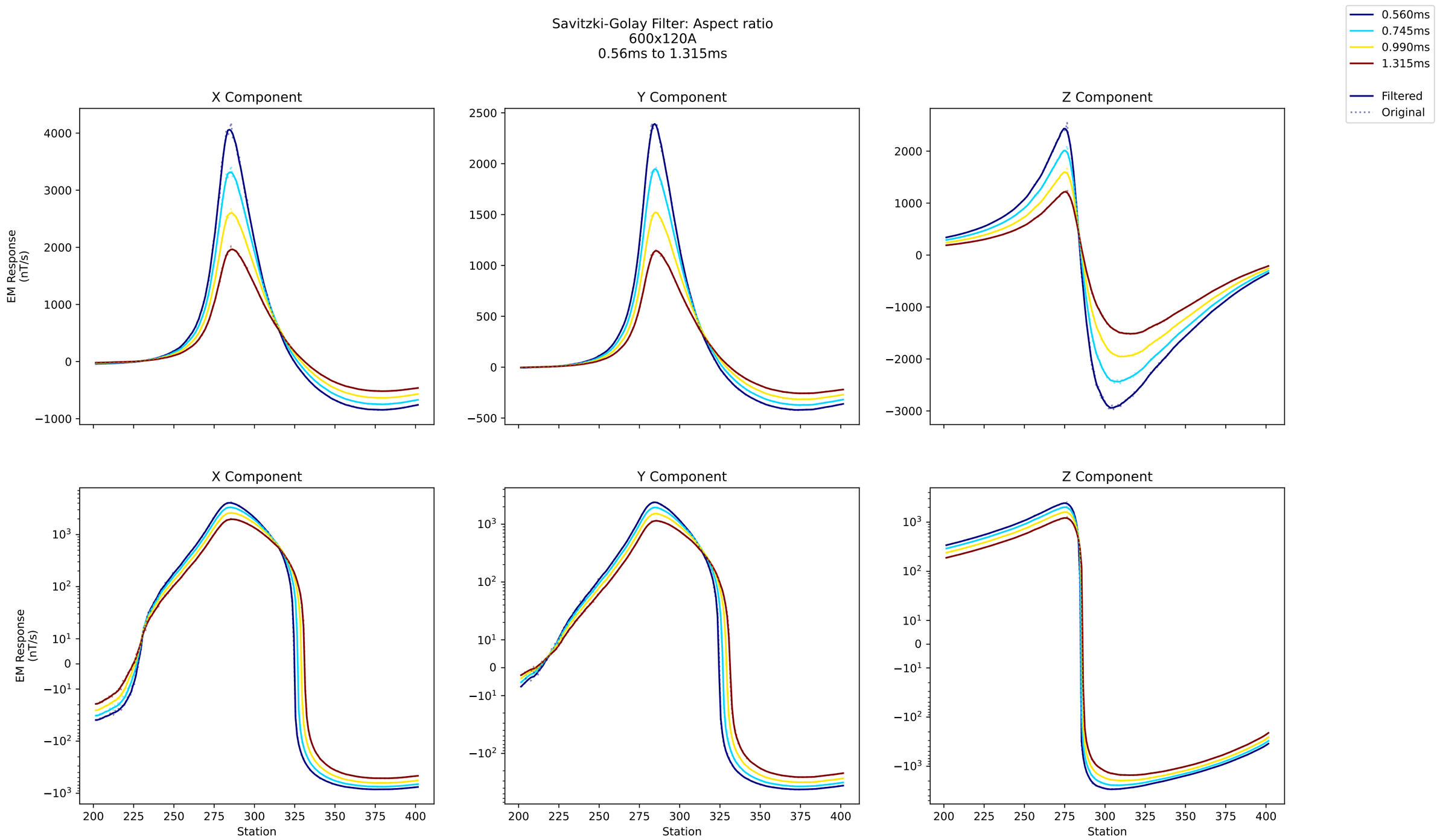

Savitzki-Golay Filter: Aspect ratio
5x150C
7.205ms to 22.73ms
7.205ms
9.570ms
12.660ms
22.730ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station
9.2e+00
-4.2e+00
0.0e+00
-1.0e+01

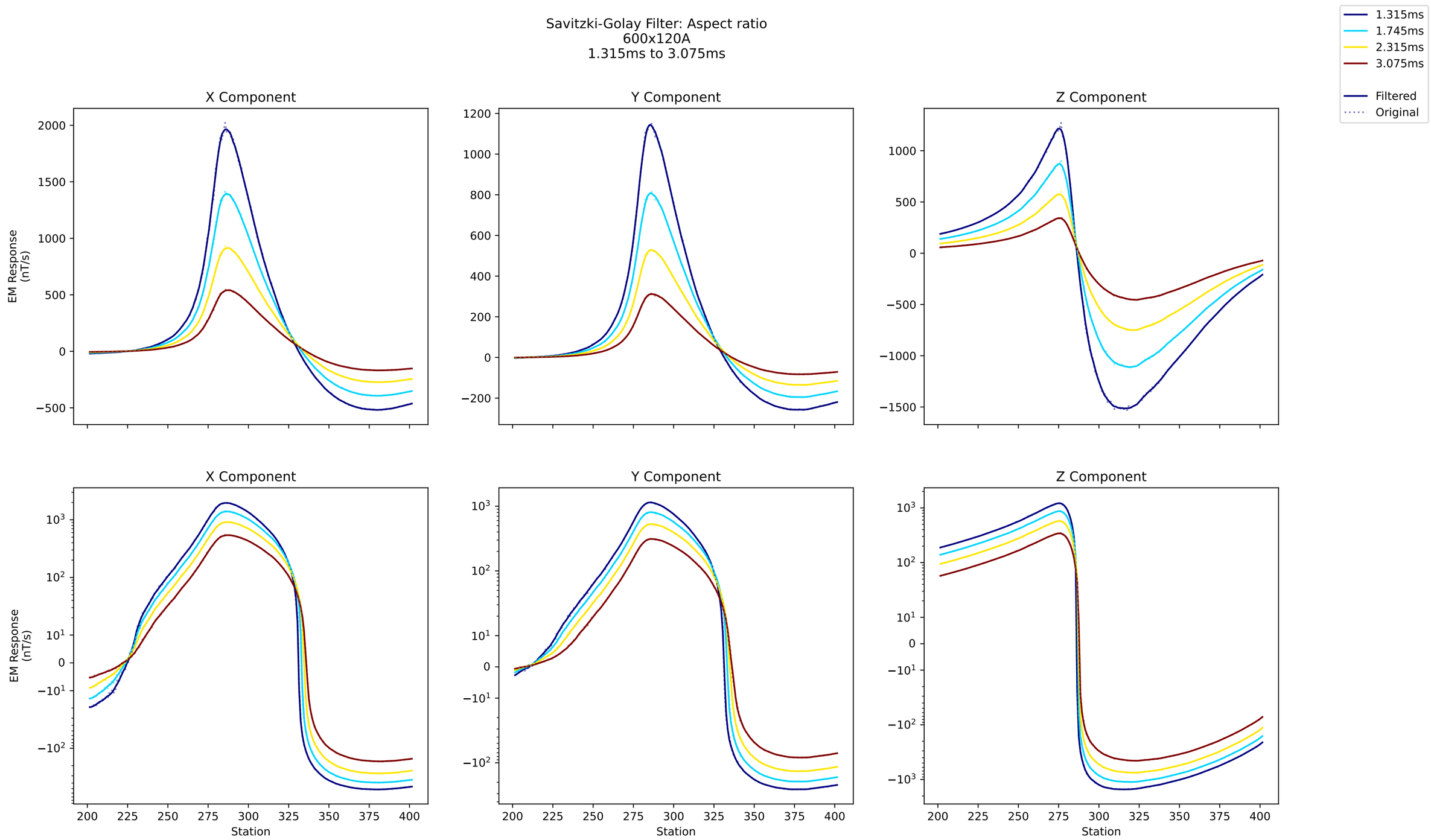

Savitzki-Golay Filter: Aspect ratio
5x150C
22.73ms to 48.115ms
22.730ms
39.395ms
48.115ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station
4.3e-01
-2.0e-01
6.5e-02
-4.7e-01
1.3e-01
-5.1e-01

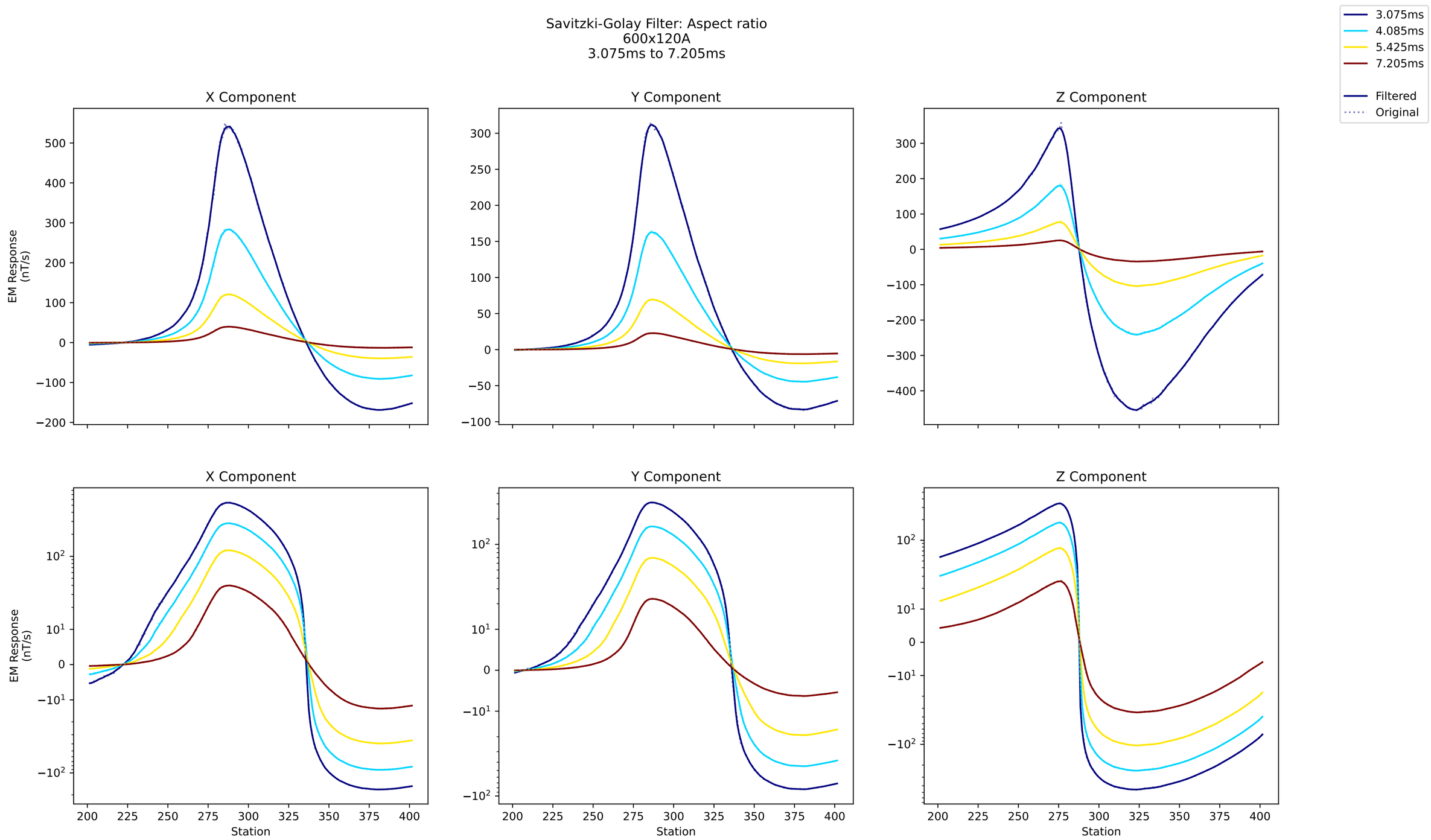

Savitzki-Golay Filter: Aspect ratio
600x120A
0.0255ms to 0.095ms
0.025ms
0.055ms
0.070ms
0.095ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

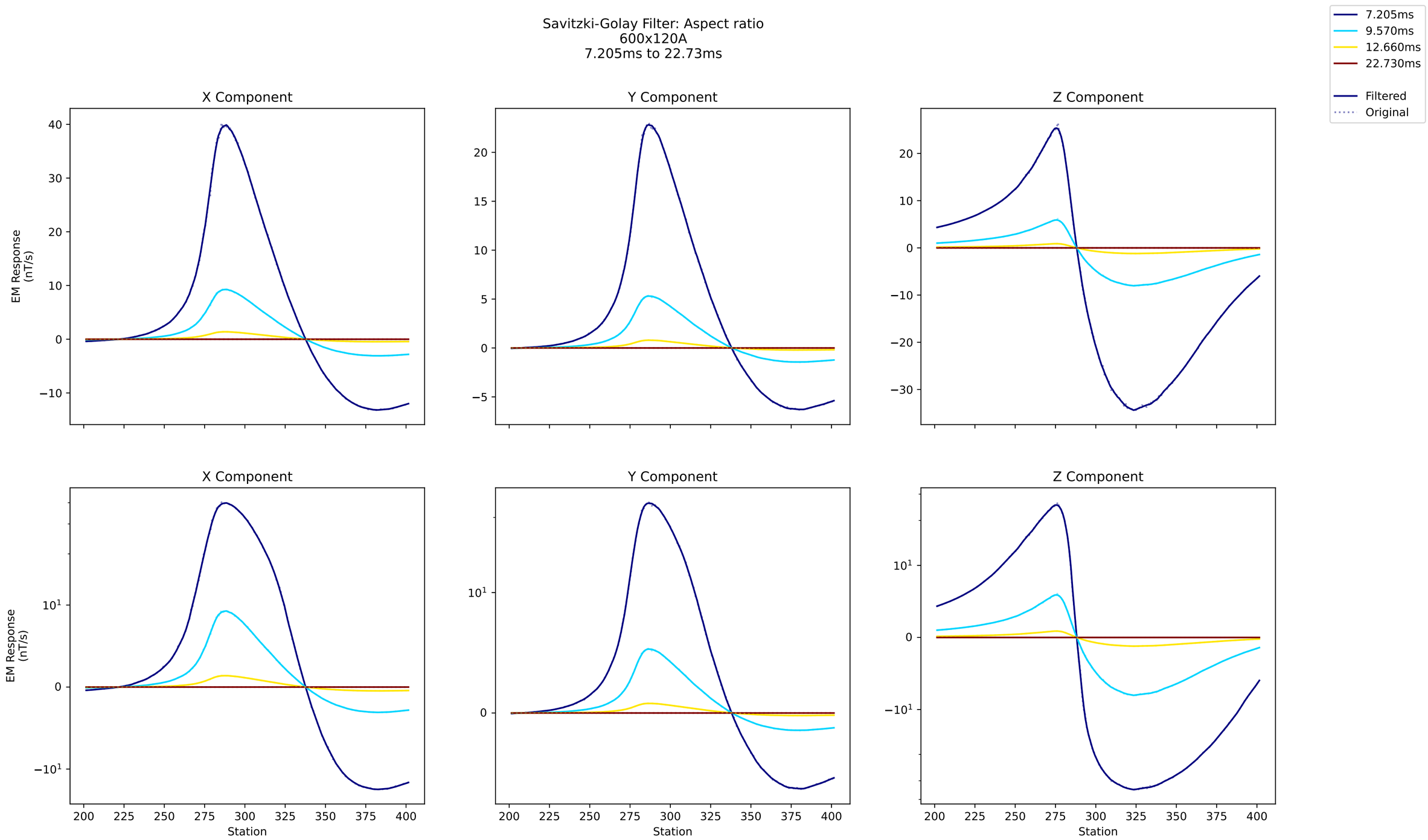

Savitzki-Golay Filter: Aspect ratio
600x120A
0.095ms to 0.235ms
0.095ms
0.130ms
0.175ms
0.235ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

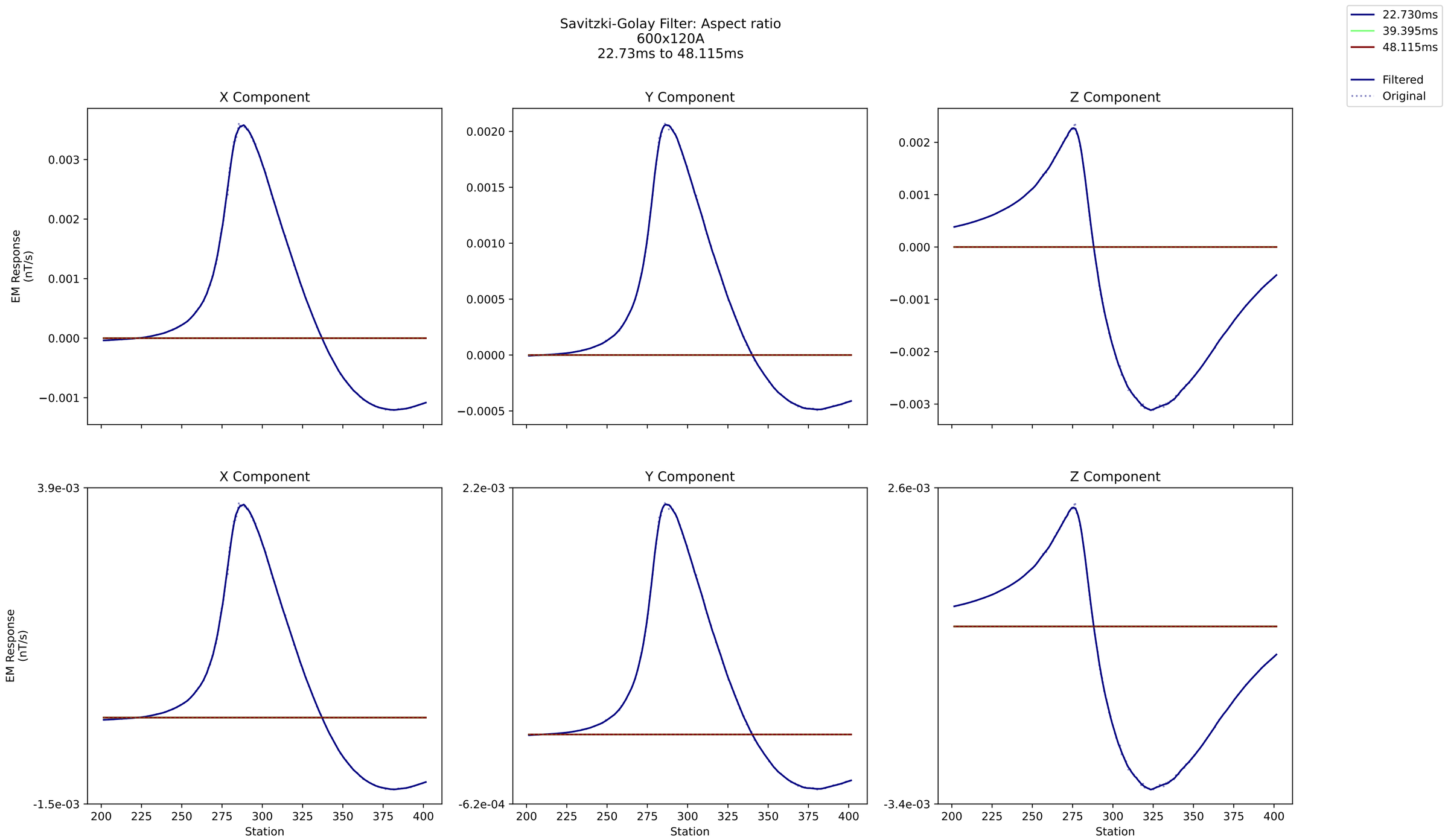

Savitzki-Golay Filter: Aspect ratio
600x120A
0.235ms to 0.56ms
0.235ms
0.315ms
0.420ms
0.560ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

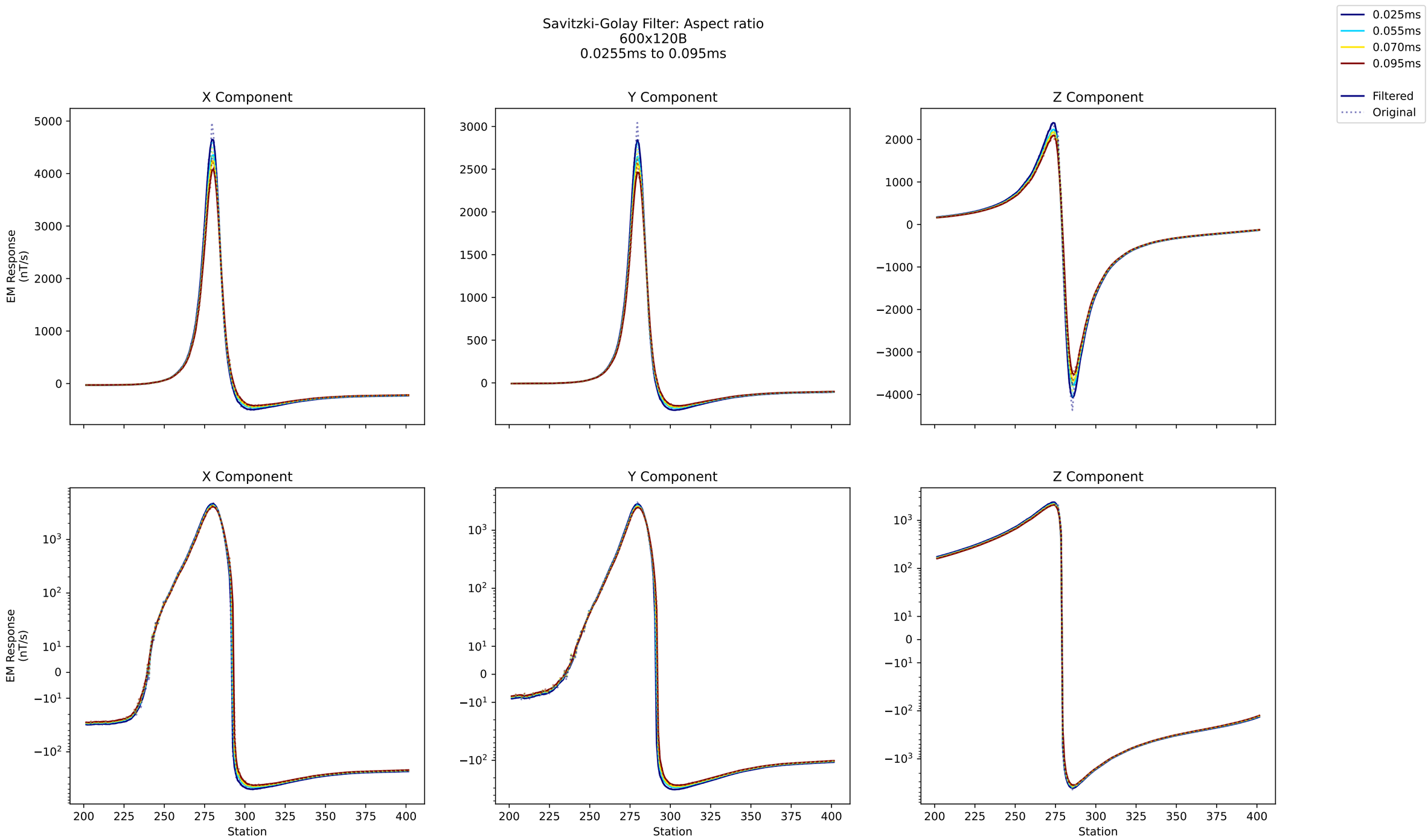

Savitzki-Golay Filter: Aspect ratio
600x120A
0.56ms to 1.315ms
0.560ms
0.745ms
0.990ms
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

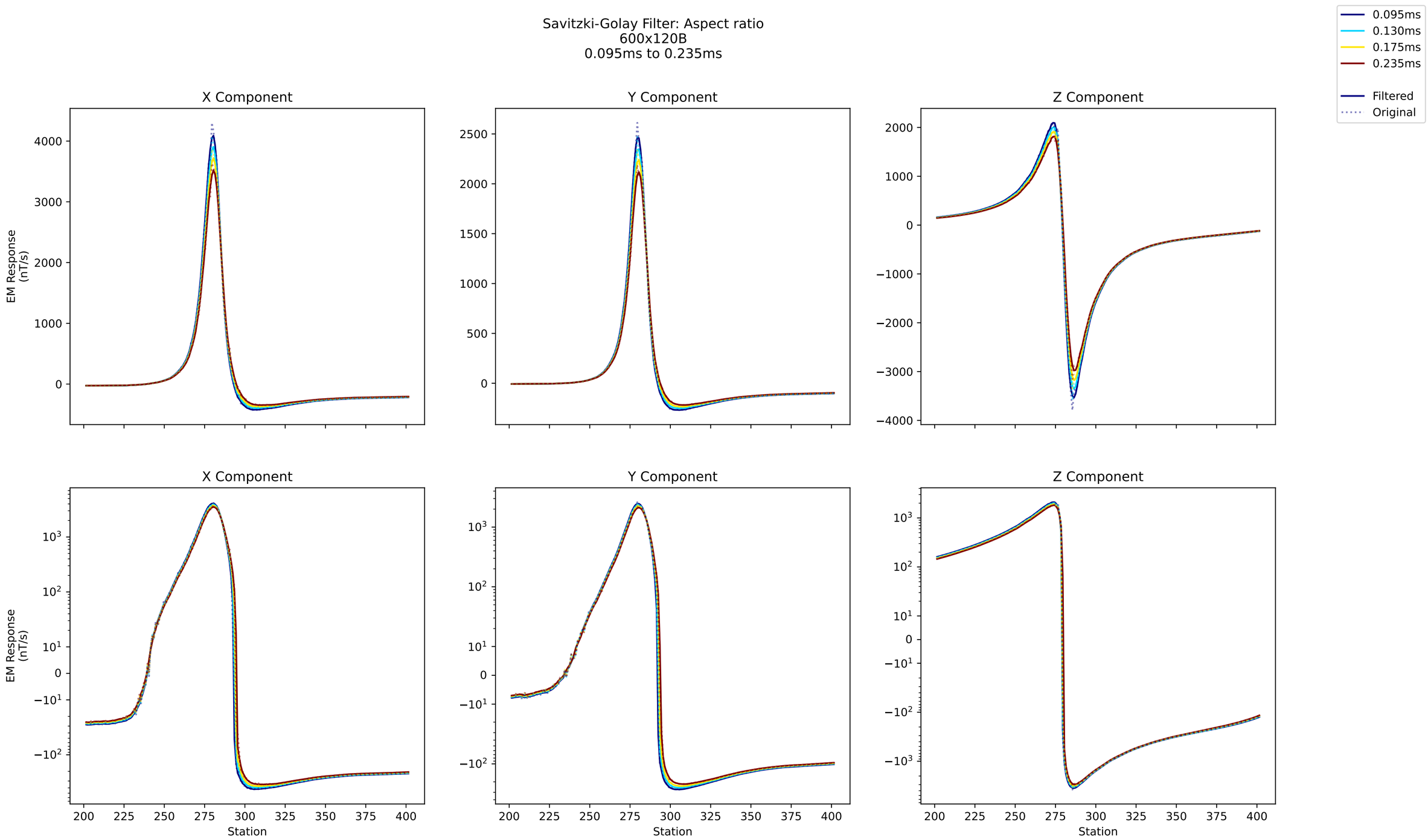

Savitzki-Golay Filter: Aspect ratio
600x120A
1.315ms to 3.075ms
1.315ms
1.745ms
2.315ms
3.075ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

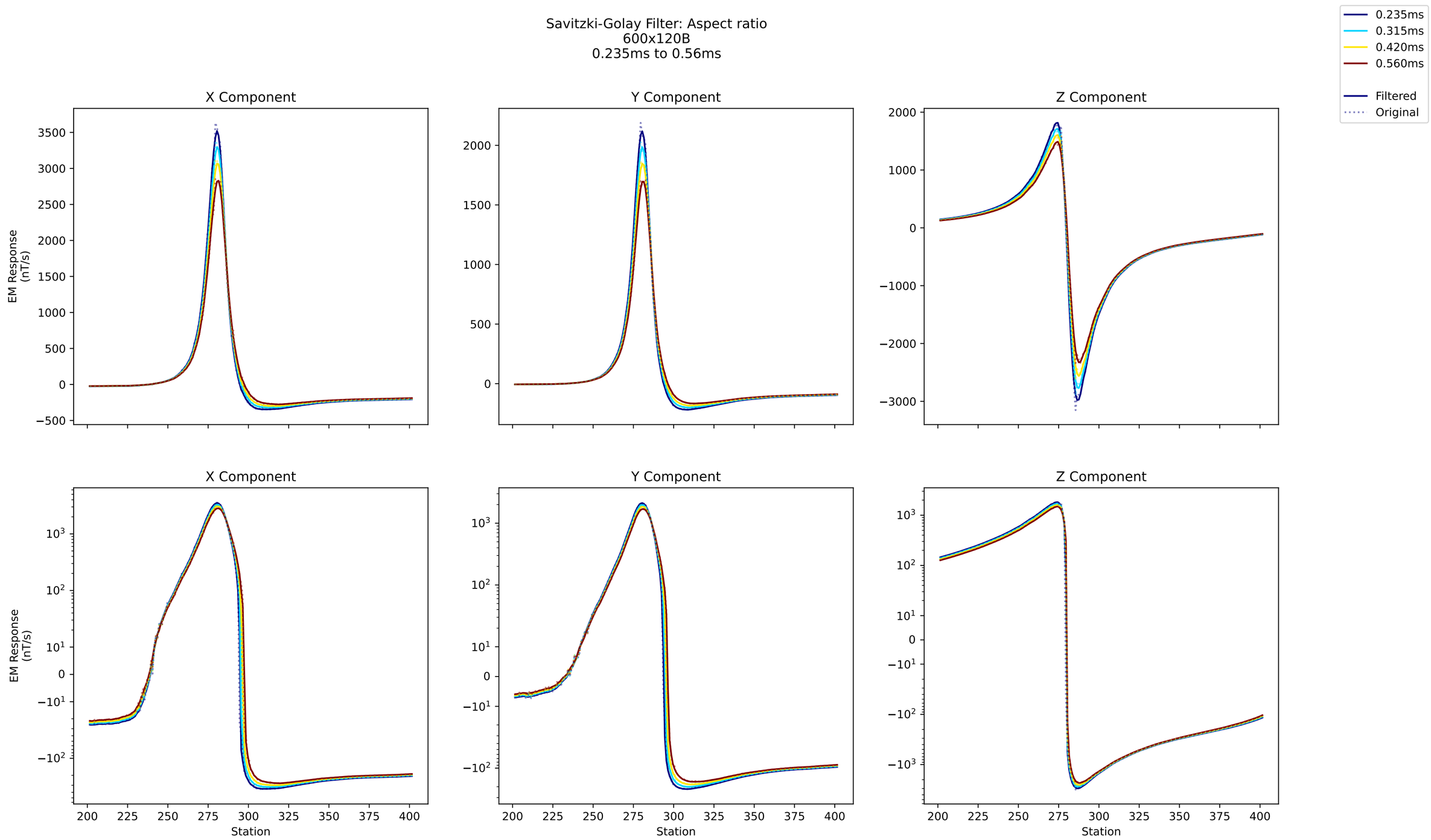

Savitzki-Golay Filter: Aspect ratio
600x120A
3.075ms to 7.205ms
3.075ms
4.085ms
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

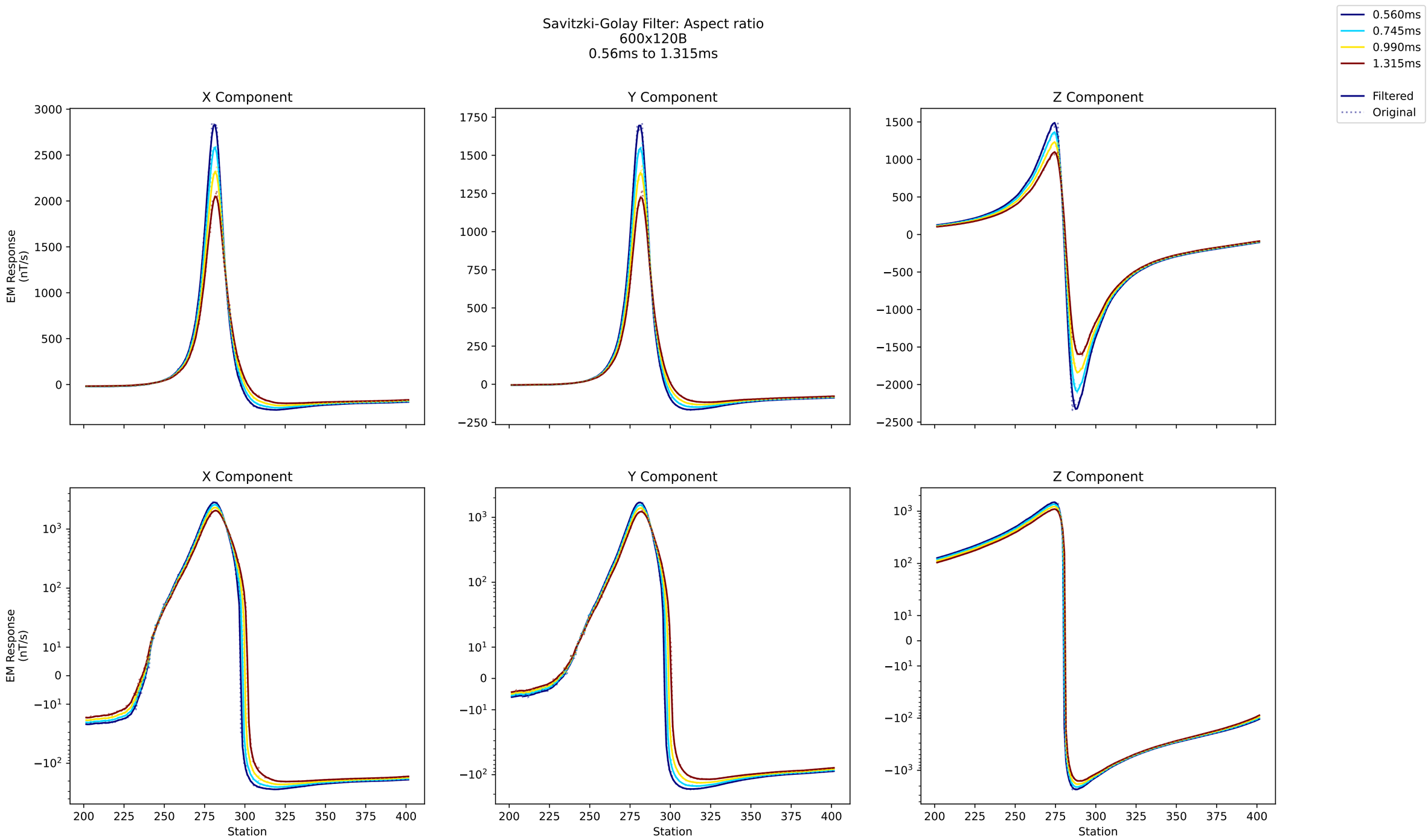

Savitzki-Golay Filter: Aspect ratio
600x120A
7.205ms to 22.73ms
7.205ms
9.570ms
12.660ms
22.730ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

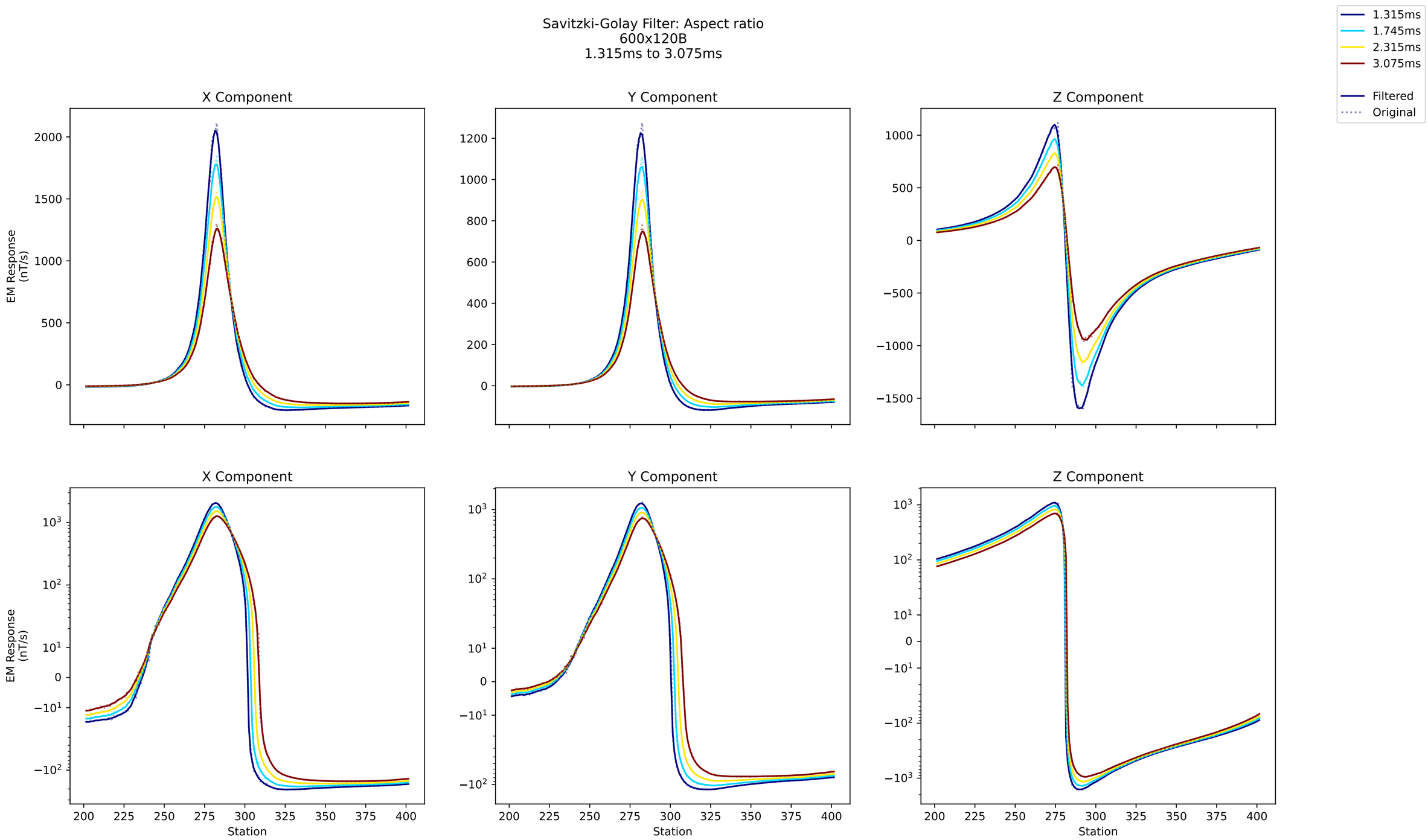

Savitzki-Golay Filter: Aspect ratio
600x120A
22.73ms to 48.115ms
22.730ms
39.395ms
48.115ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station
3.9e-03
-1.5e-03
2.2e-03
-6.2e-04
2.6e-03
-3.4e-03

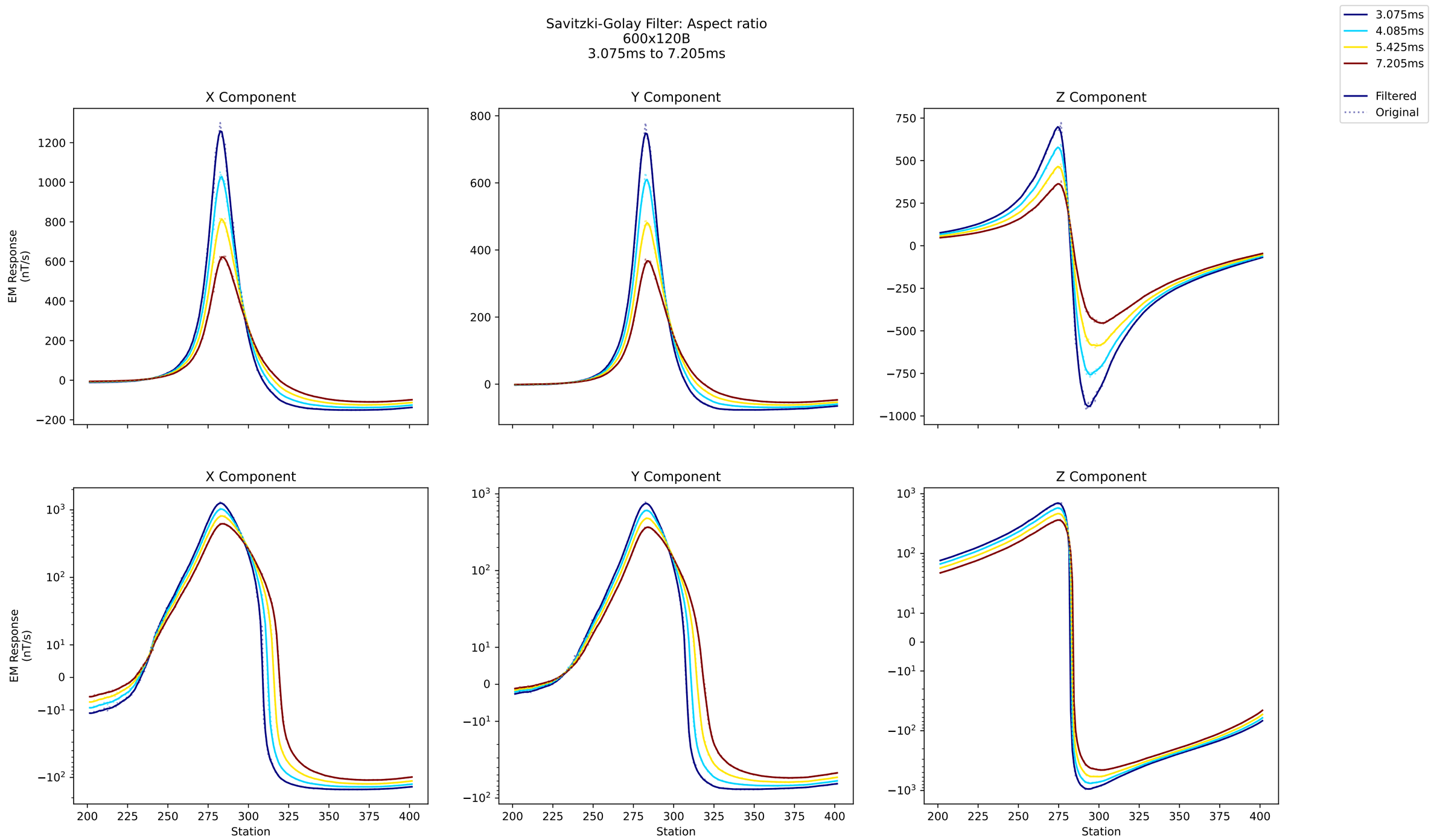

Savitzki-Golay Filter: Aspect ratio
600x120B
0.0255ms to 0.095ms
0.025ms
0.055ms
0.070ms
0.095ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

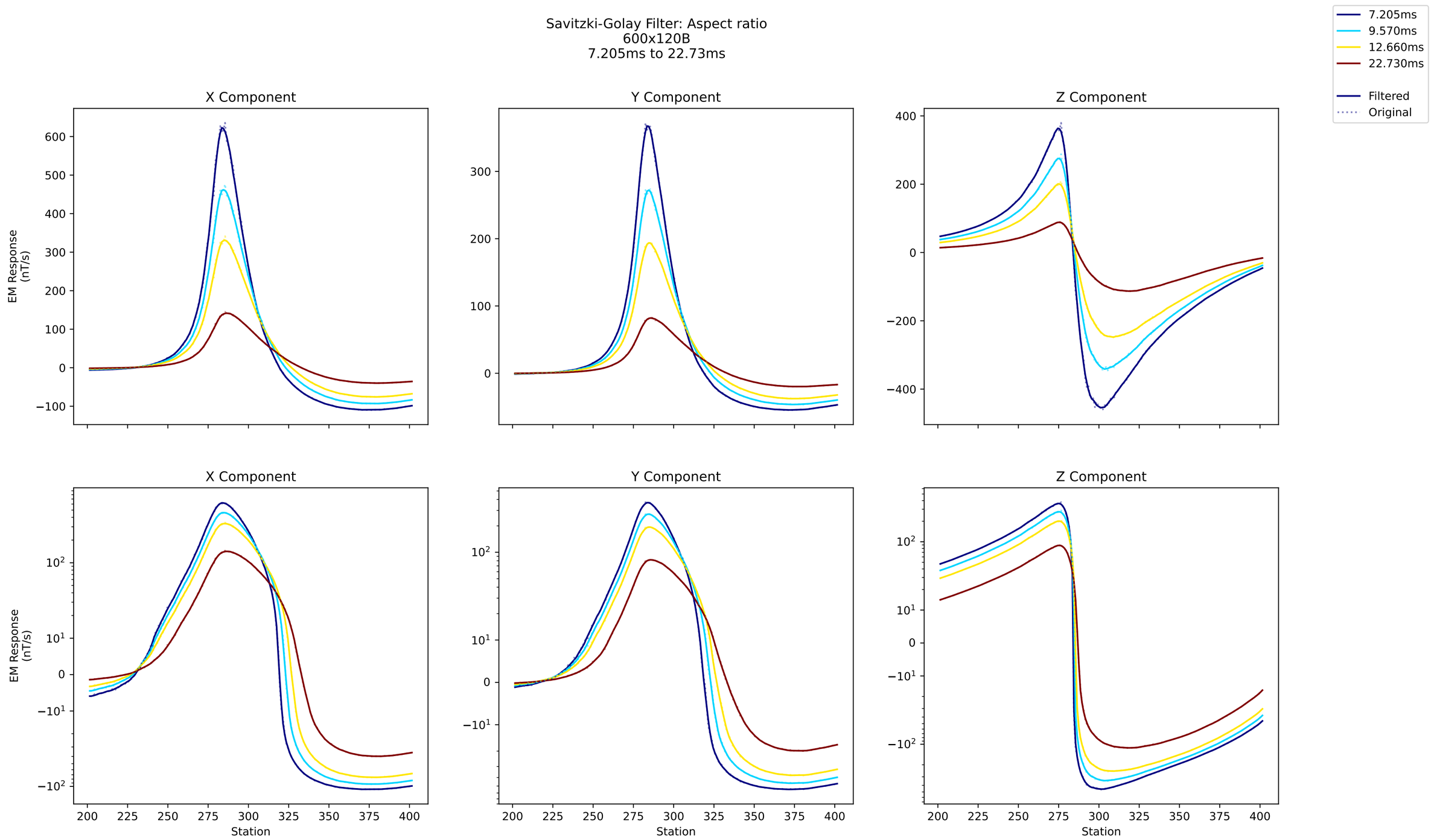

Savitzki-Golay Filter: Aspect ratio
600x120B
0.095ms to 0.235ms
0.095ms
0.130ms
0.175ms
0.235ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

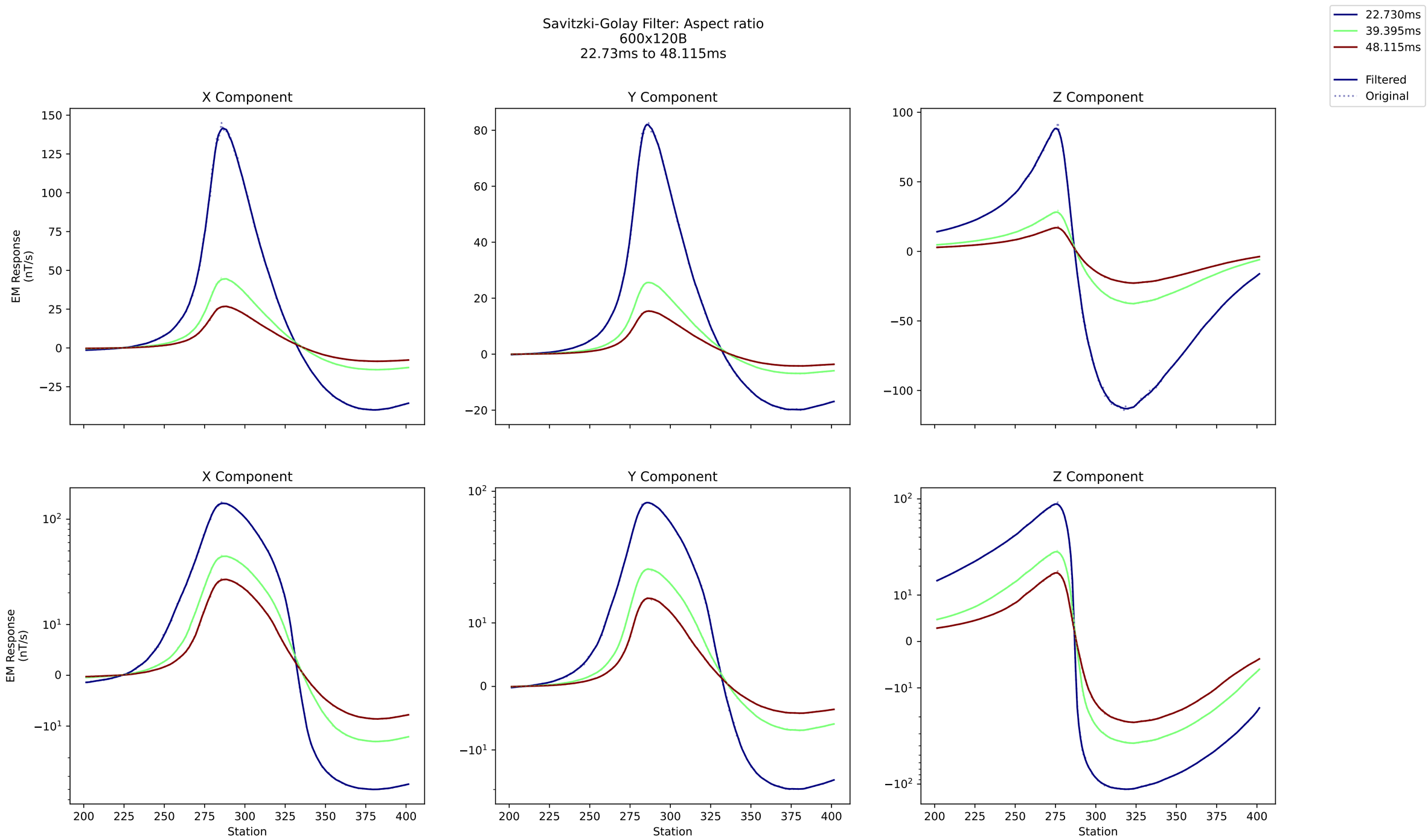

Savitzki-Golay Filter: Aspect ratio
600x120B
0.235ms to 0.56ms
0.235ms
0.315ms
0.420ms
0.560ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
EM Response
(nT/s)
Station
Station
Station

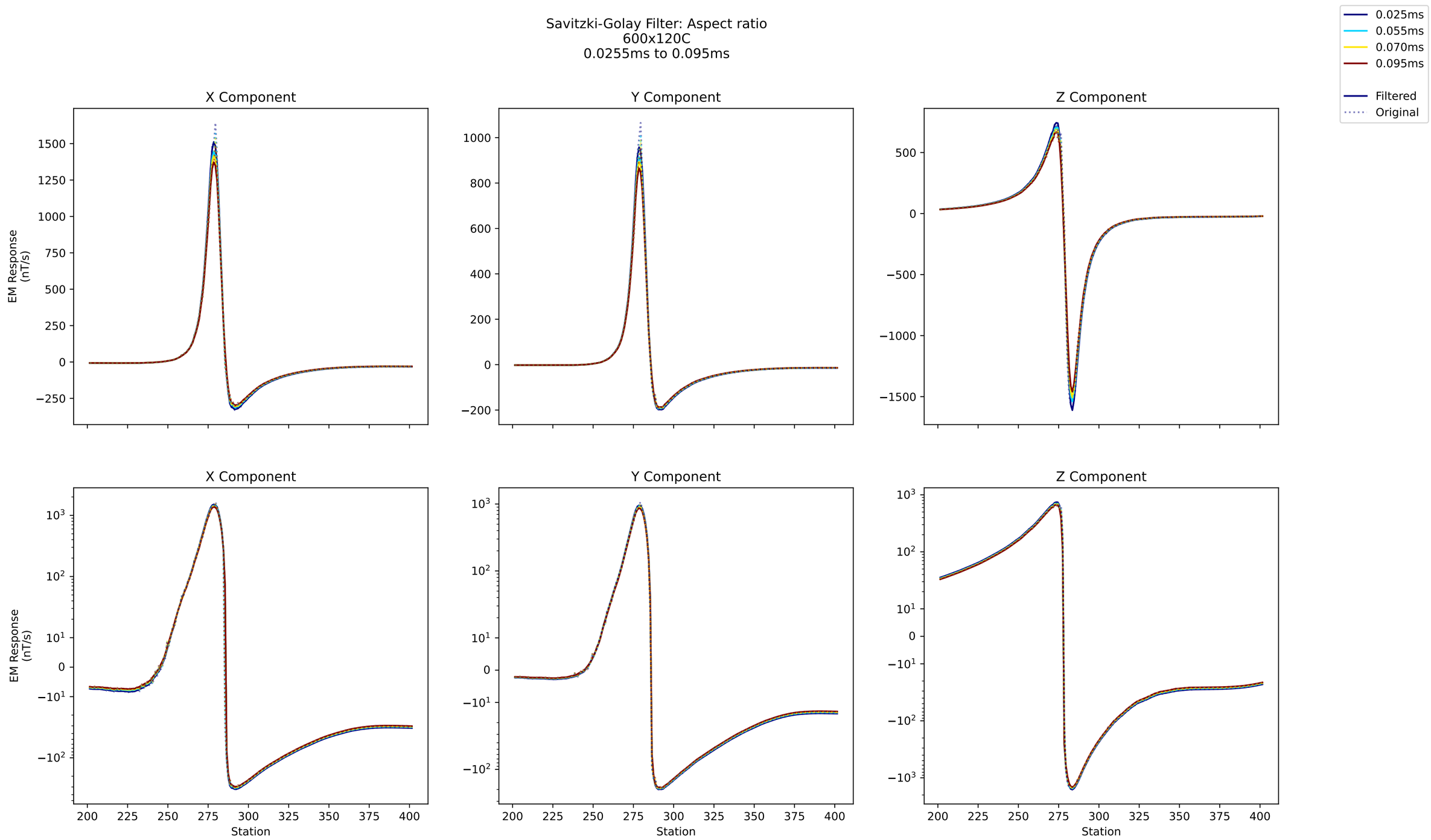

Savitzki-Golay Filter: Aspect ratio
600x120B
0.56ms to 1.315ms
0.560ms
0.745ms
0.990ms
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

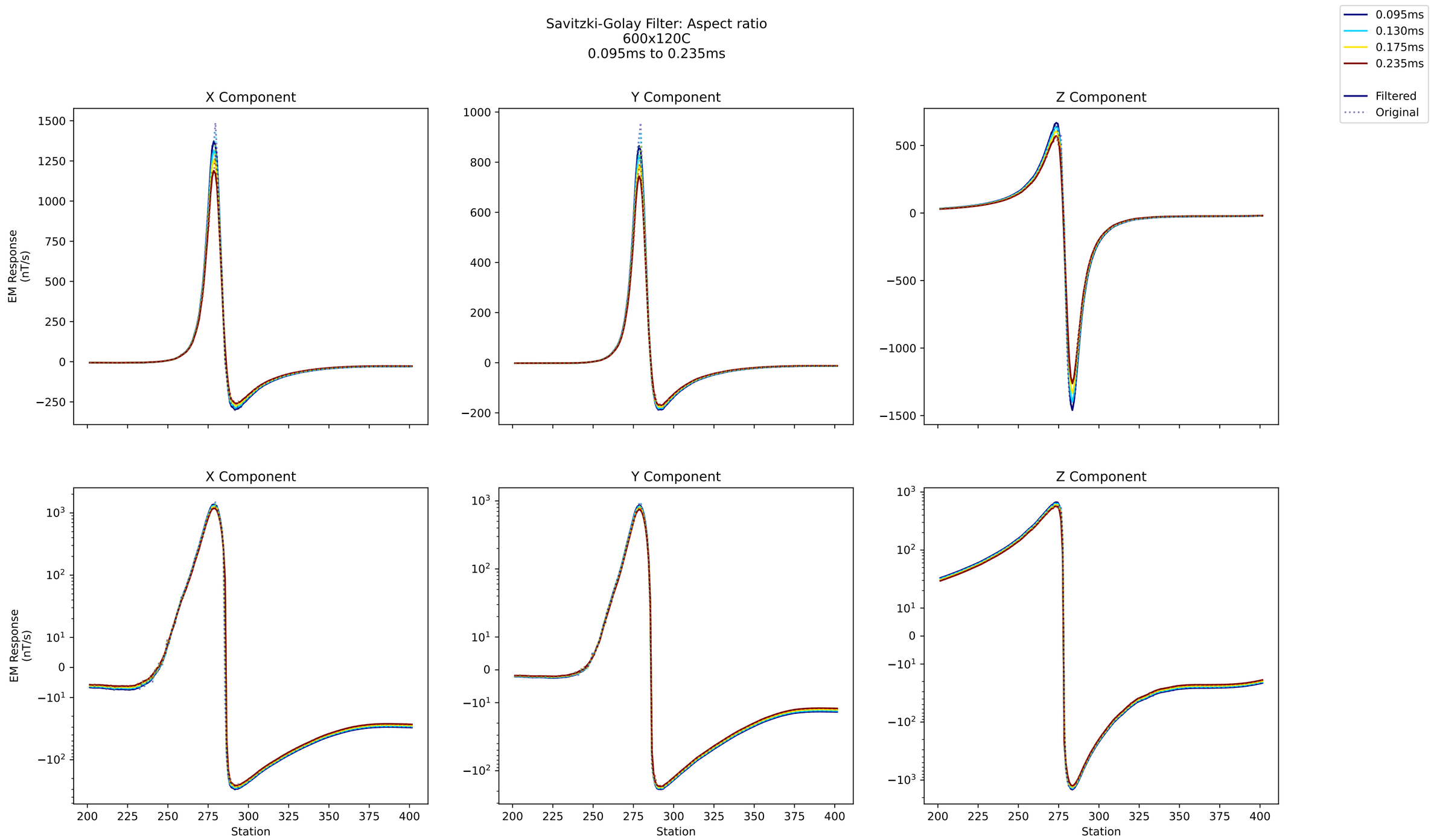

Savitzki-Golay Filter: Aspect ratio
600x120B
1.315ms to 3.075ms
1.315ms
1.745ms
2.315ms
3.075ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
EM Response
(nT/s)
Station
Station
Station

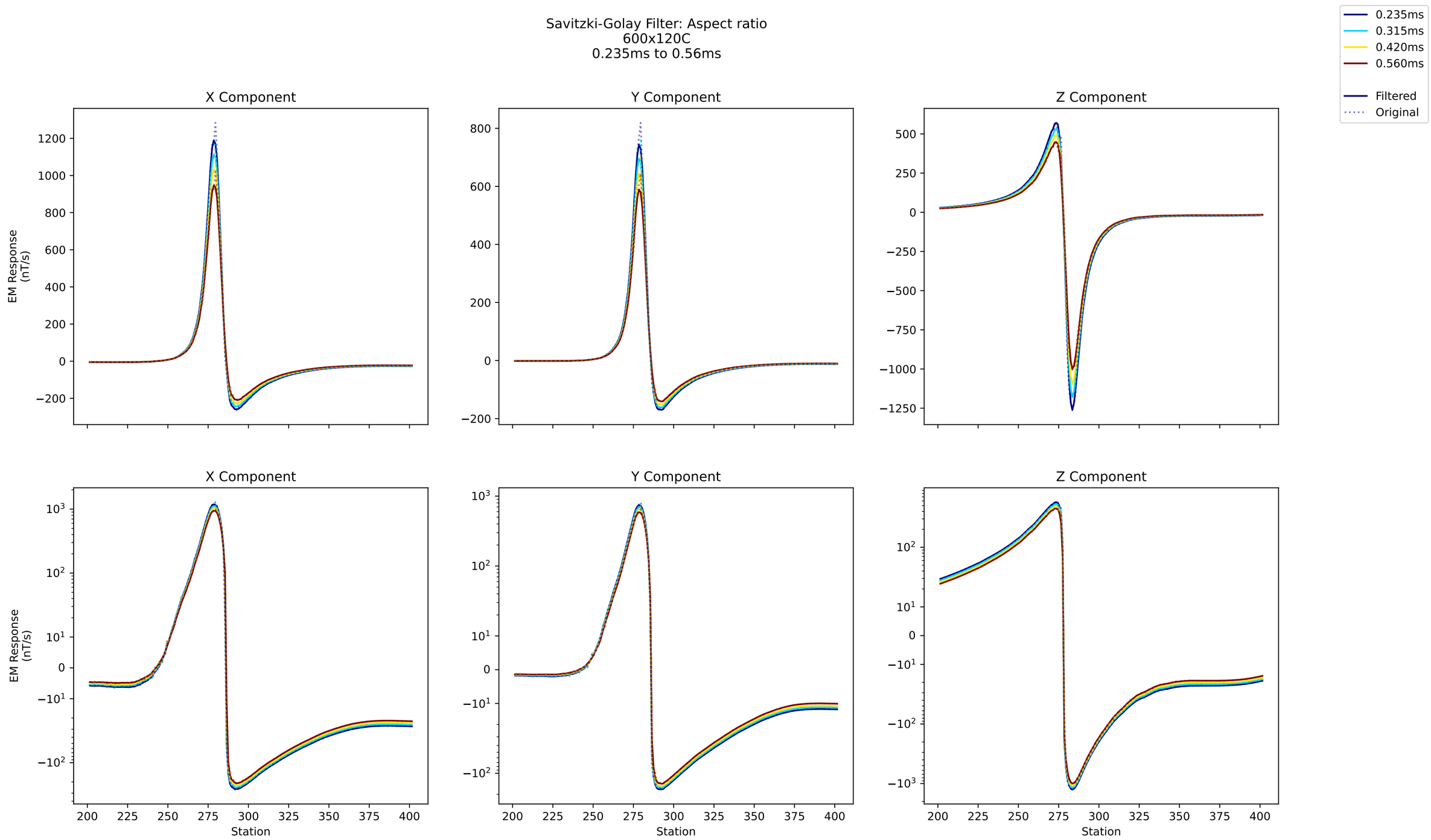

Savitzki-Golay Filter: Aspect ratio
600x120B
3.075ms to 7.205ms
3.075ms
4.085ms
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

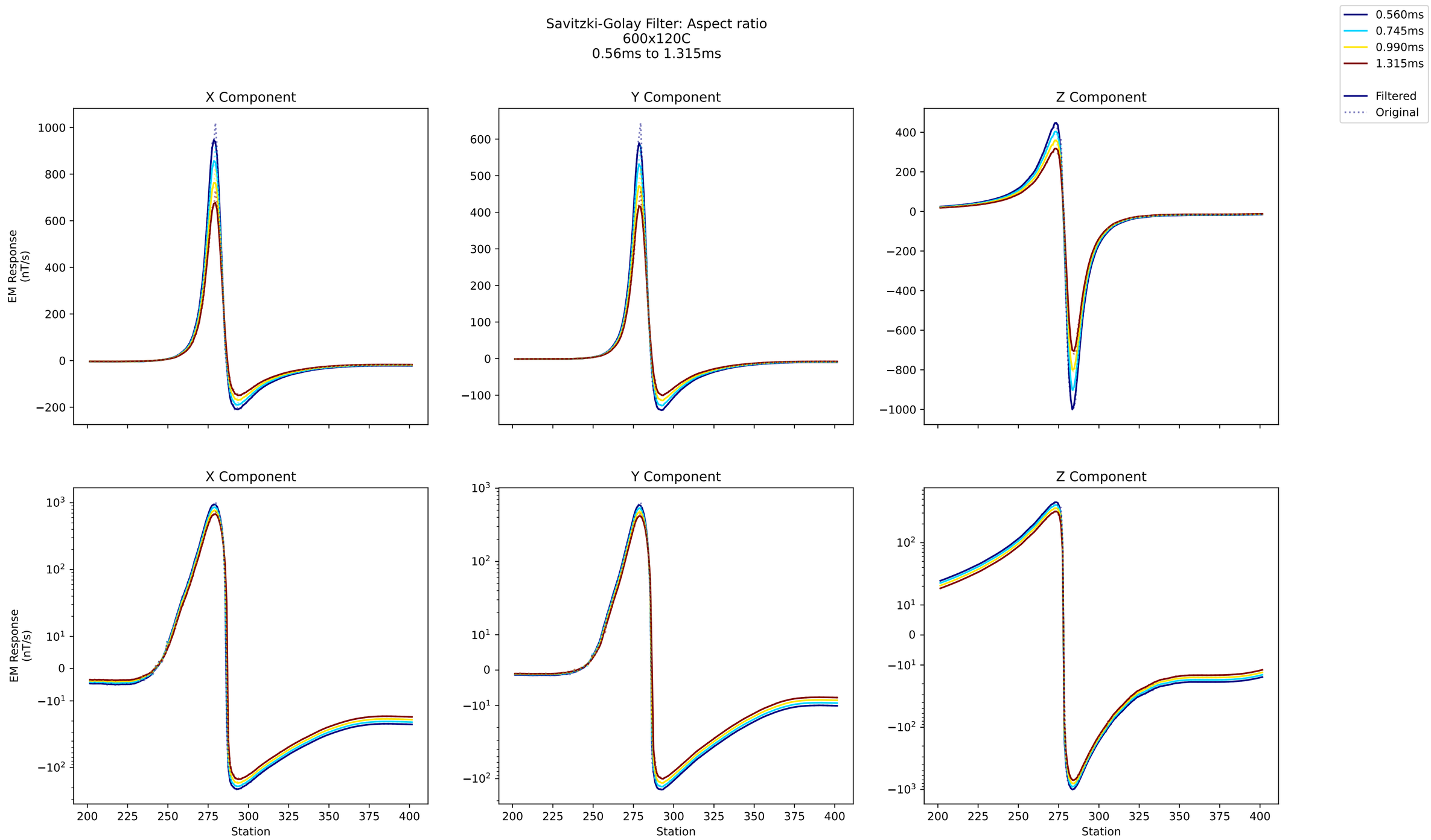

Savitzki-Golay Filter: Aspect ratio
600x120B
7.205ms to 22.73ms
7.205ms
9.570ms
12.660ms
22.730ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

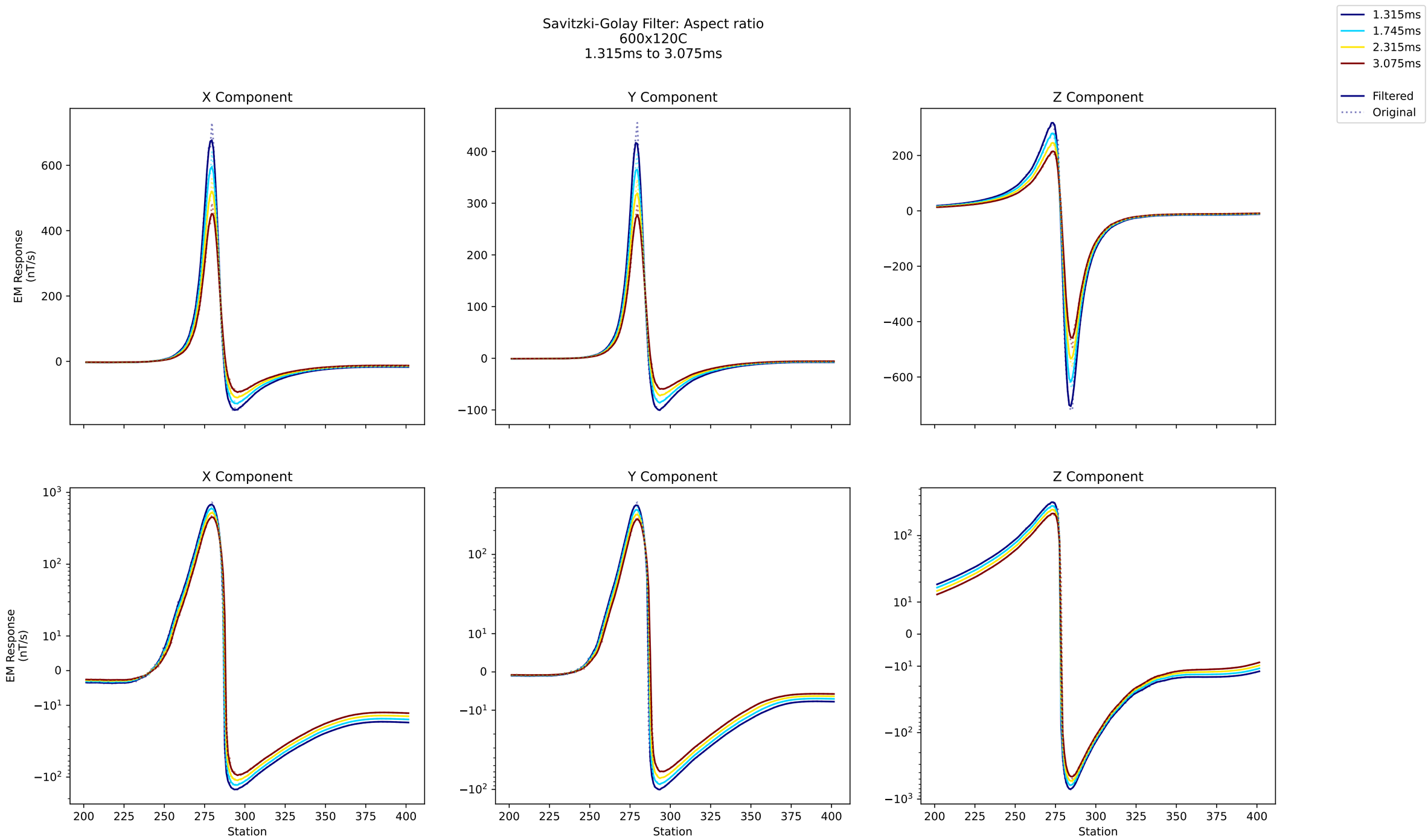

Savitzki-Golay Filter: Aspect ratio
600x120B
22.73ms to 48.115ms
22.730ms
39.395ms
48.115ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

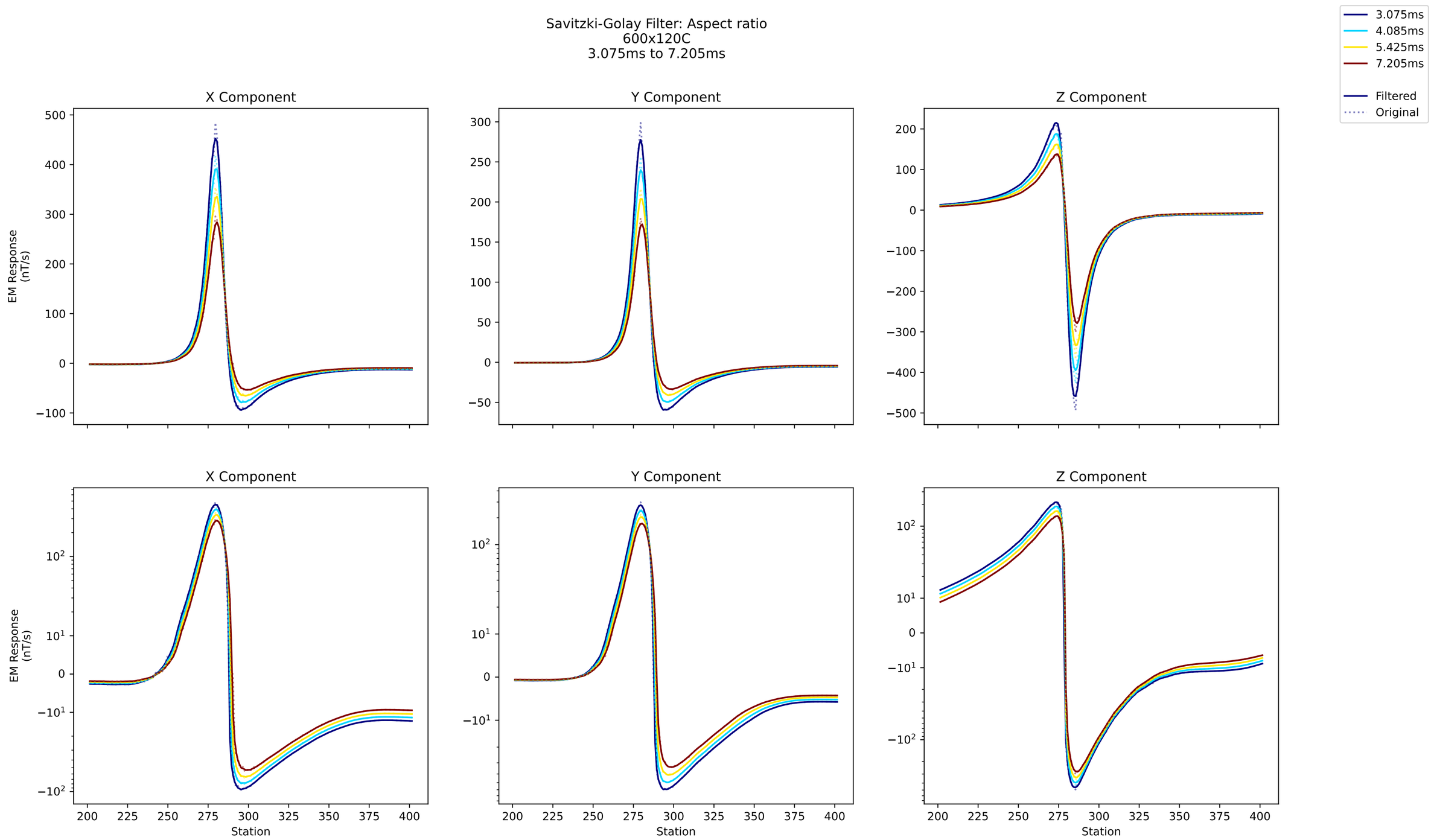

Savitzki-Golay Filter: Aspect ratio
600x120C
0.0255ms to 0.095ms
0.025ms
0.055ms
0.070ms
0.095ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

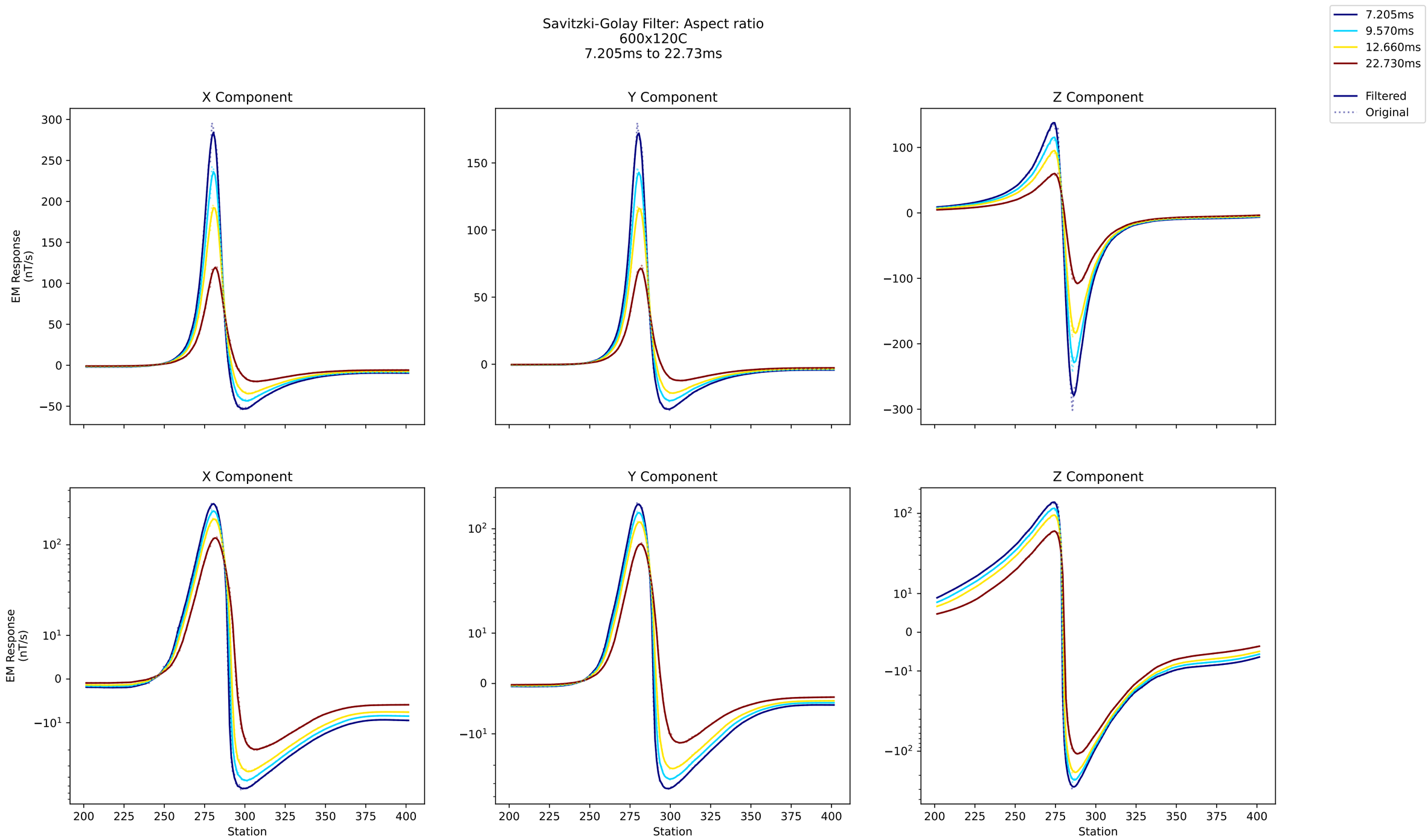

Savitzki-Golay Filter: Aspect ratio
600x120C
0.095ms to 0.235ms
0.095ms
0.130ms
0.175ms
0.235ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

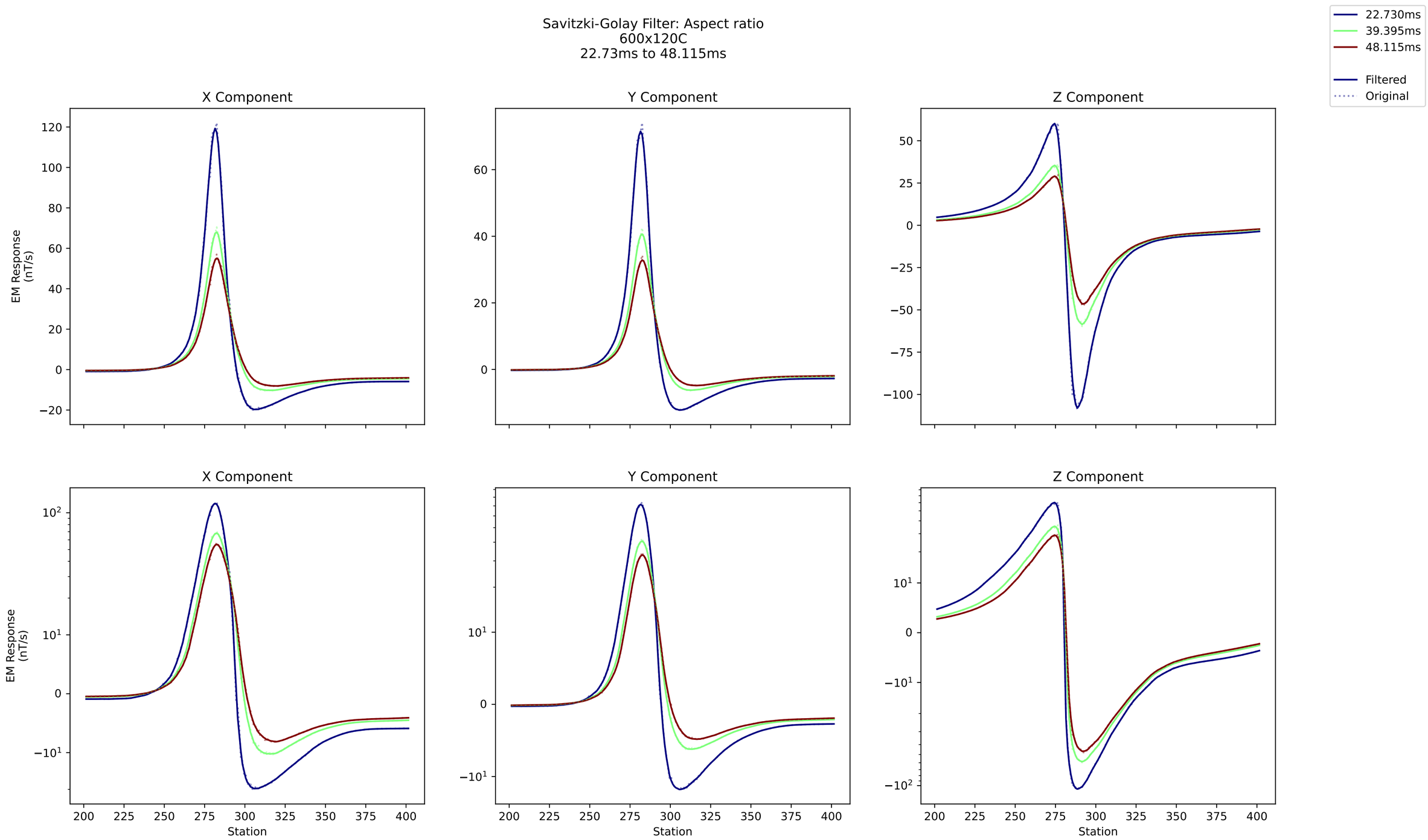

Savitzki-Golay Filter: Aspect ratio
600x120C
0.235ms to 0.56ms
0.235ms
0.315ms
0.420ms
0.560ms
Filtered
Original
X Component
Y Component
Z Component
EM Response (nT/s)
Station

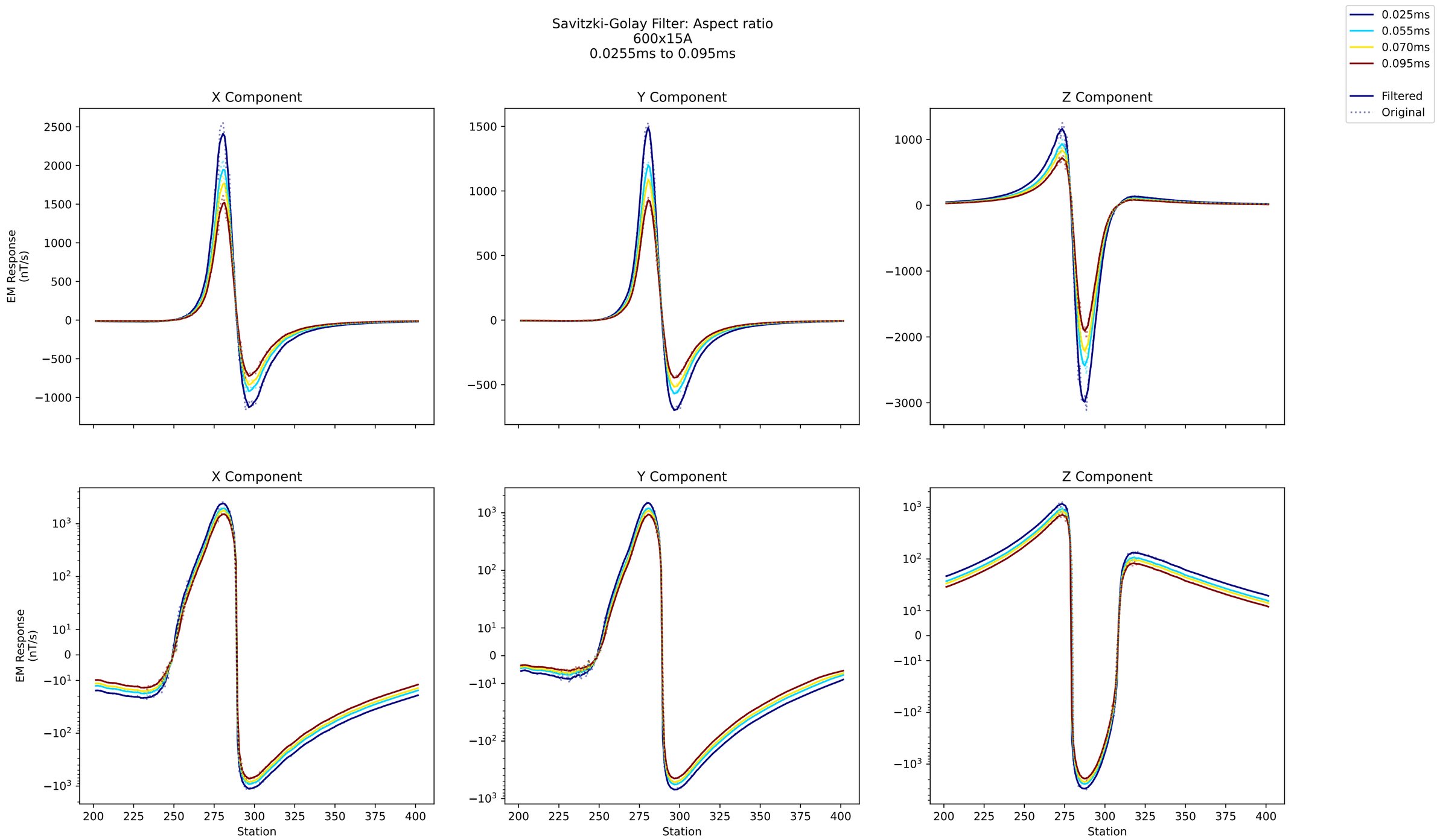

Savitzki-Golay Filter: Aspect ratio
600x120C
0.56ms to 1.315ms
0.560ms
0.745ms
0.990ms
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

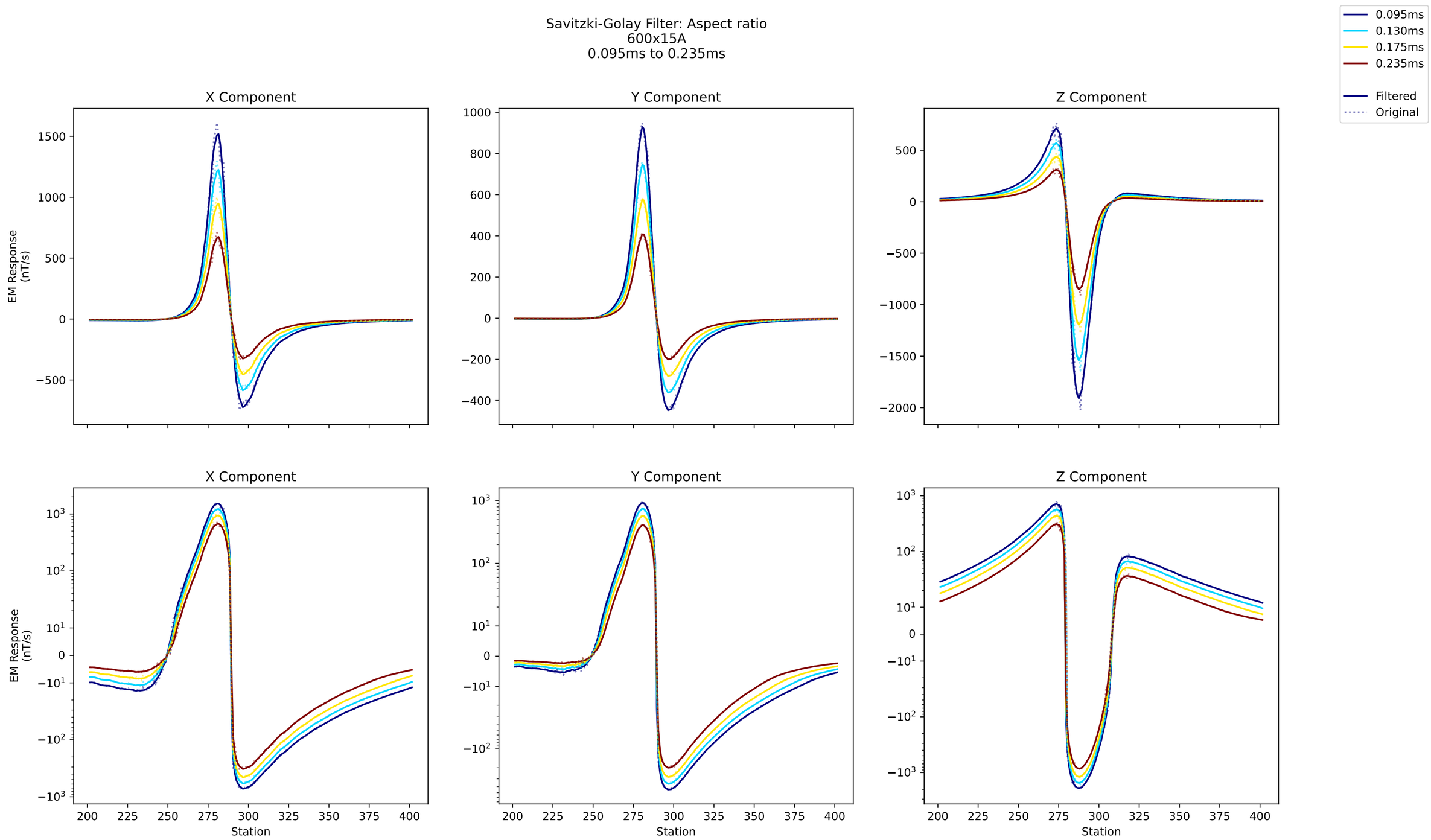

Savitzki-Golay Filter: Aspect ratio
600x120C
1.315ms to 3.075ms
1.315ms
1.745ms
2.315ms
3.075ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

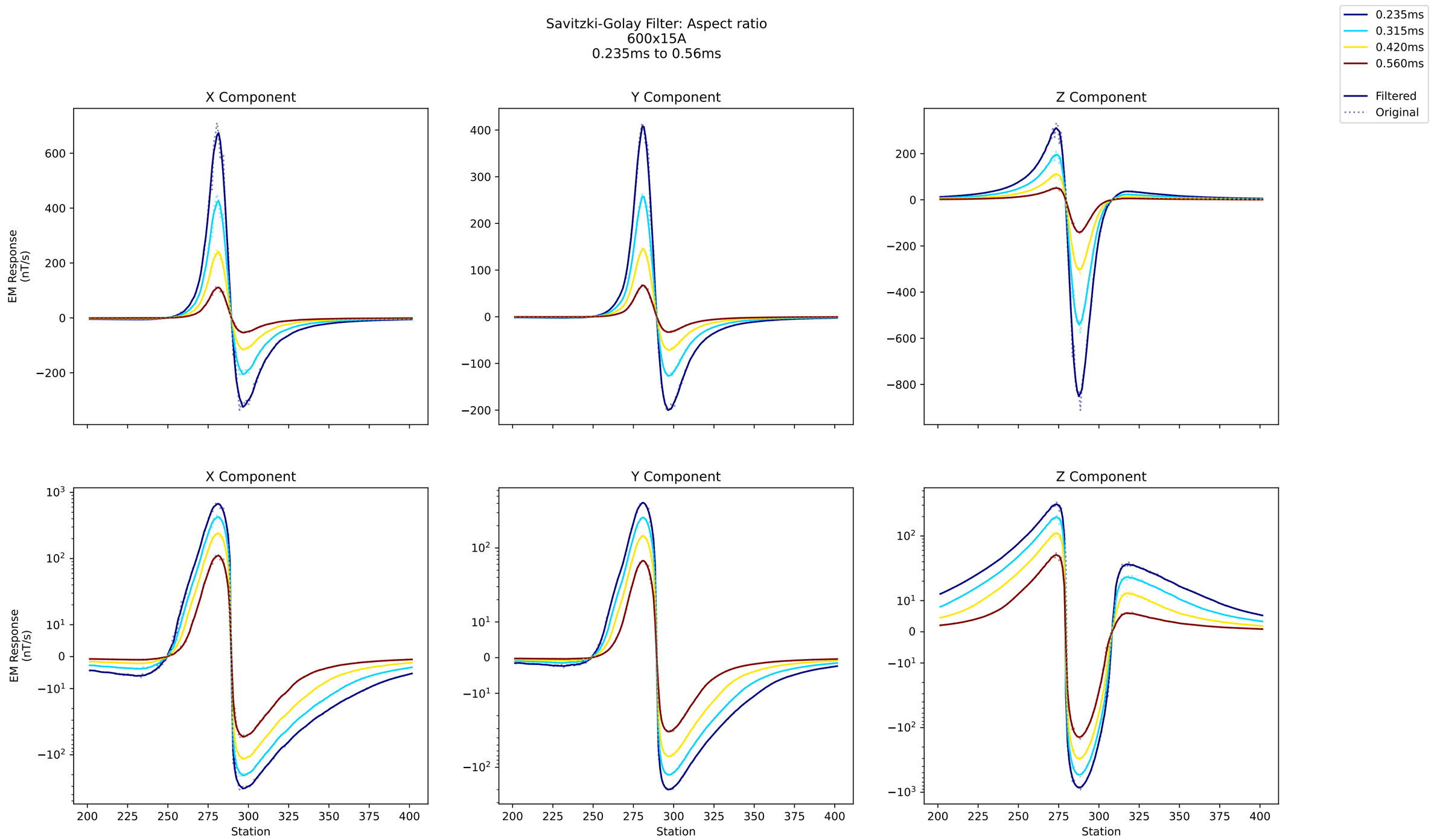

Savitzki-Golay Filter: Aspect ratio
600x120C
3.075ms to 7.205ms
3.075ms
4.085ms
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

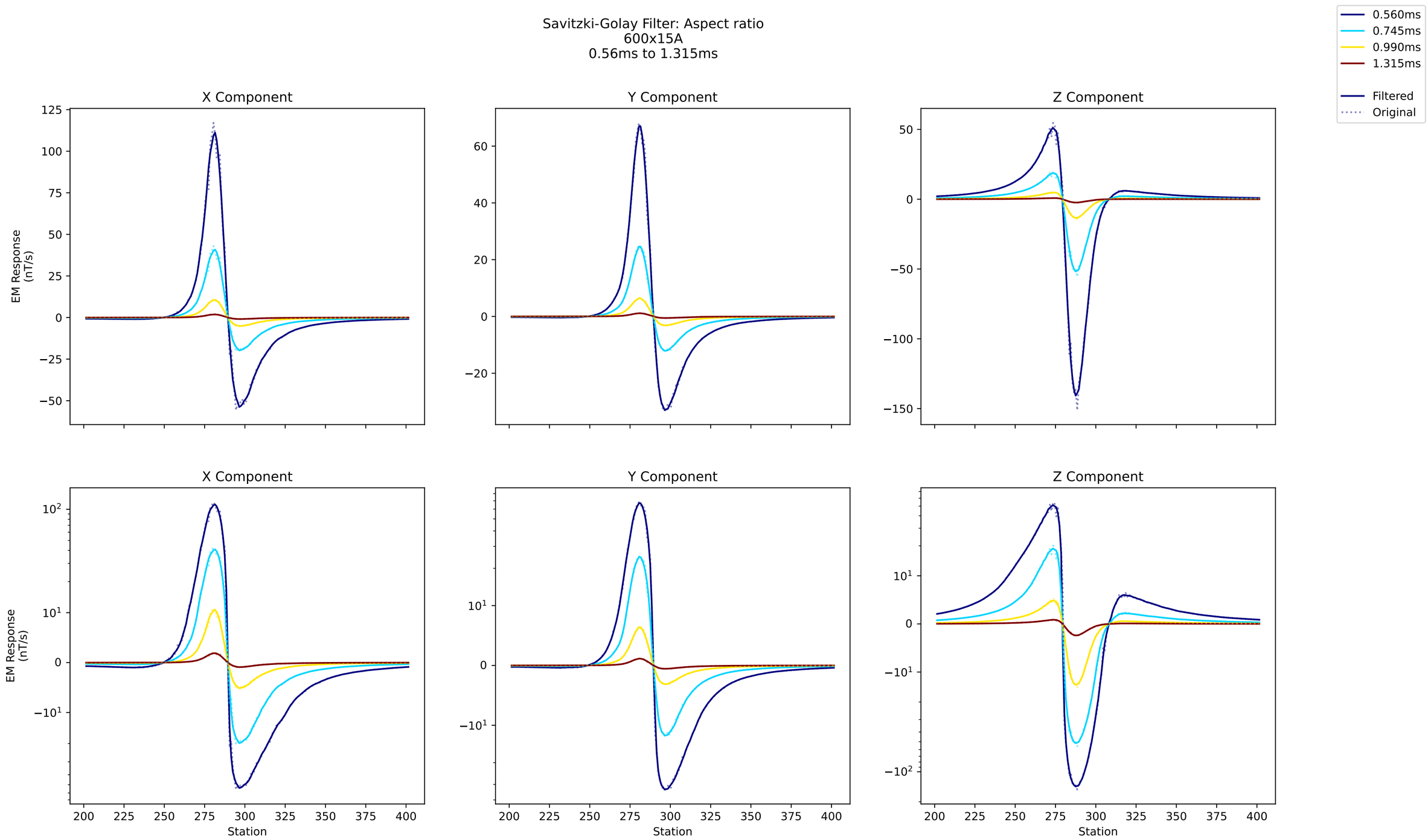

Savitzki-Golay Filter: Aspect ratio
600x120C
7.205ms to 22.73ms
7.205ms
9.570ms
12.660ms
22.730ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

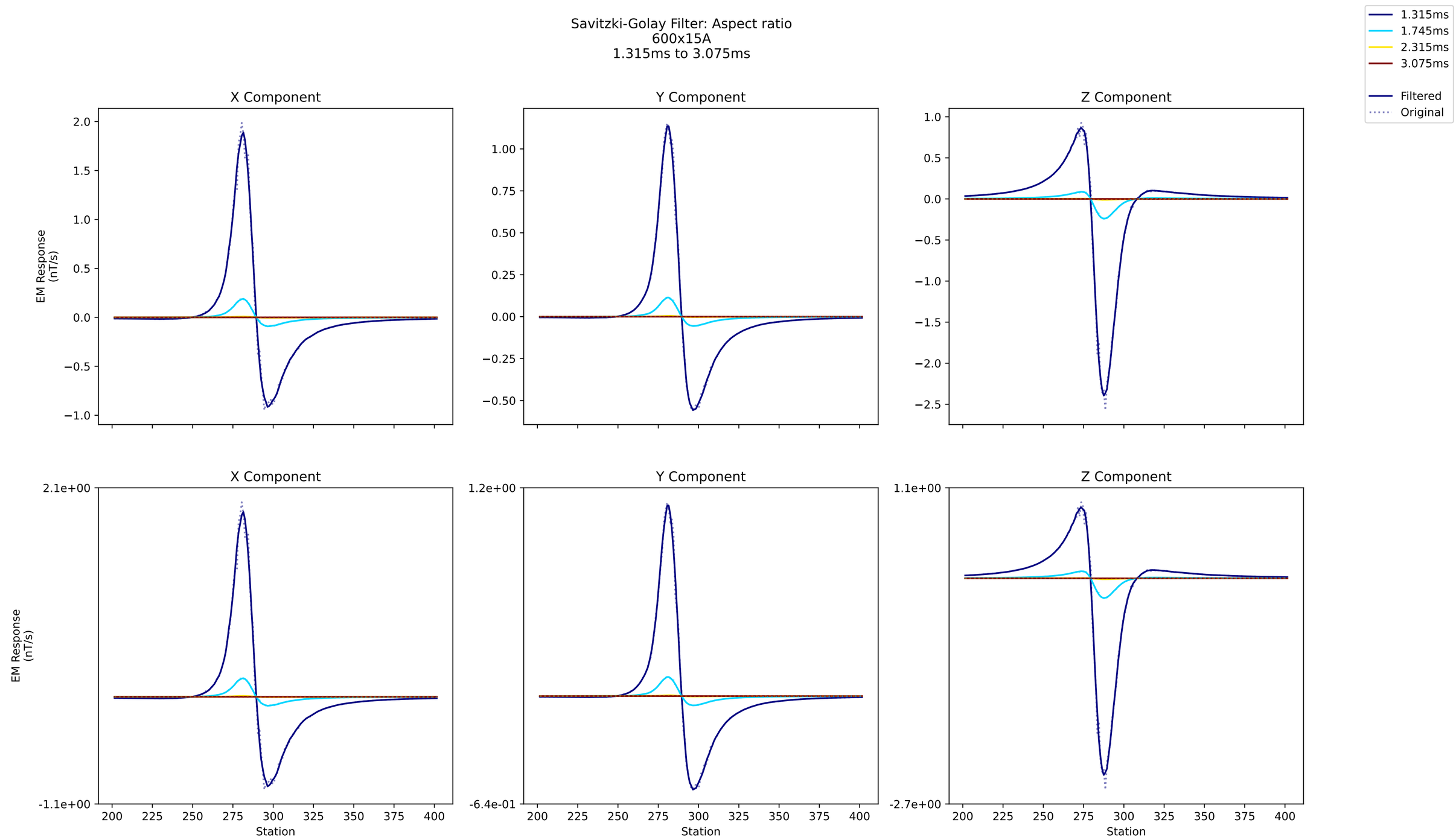

Savitzki-Golay Filter: Aspect ratio
600x120C
22.73ms to 48.115ms
22.730ms
39.395ms
48.115ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

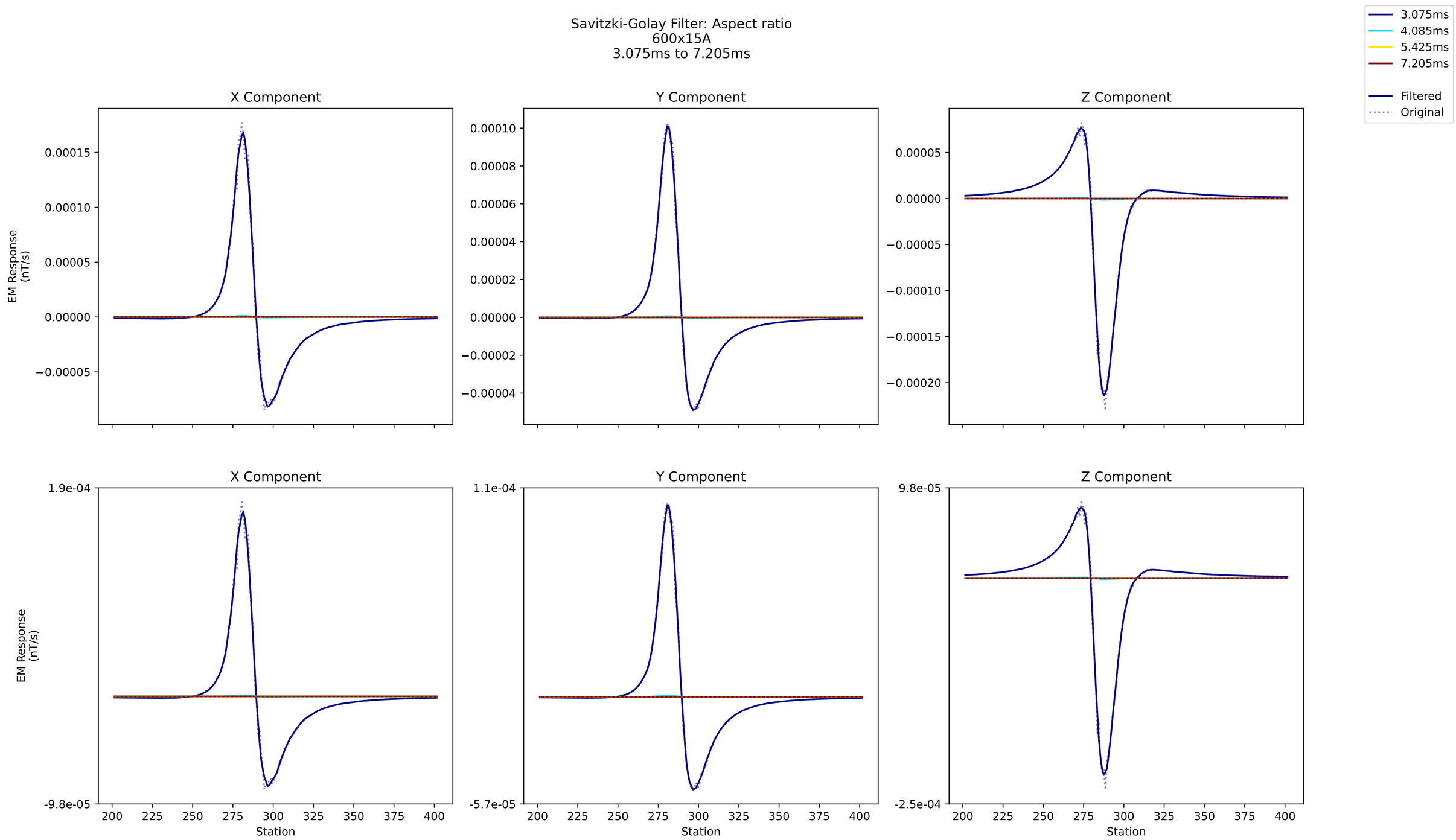

Savitzki-Golay Filter: Aspect ratio
600x15A
0.0255ms to 0.095ms
0.025ms
0.055ms
0.070ms
0.095ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

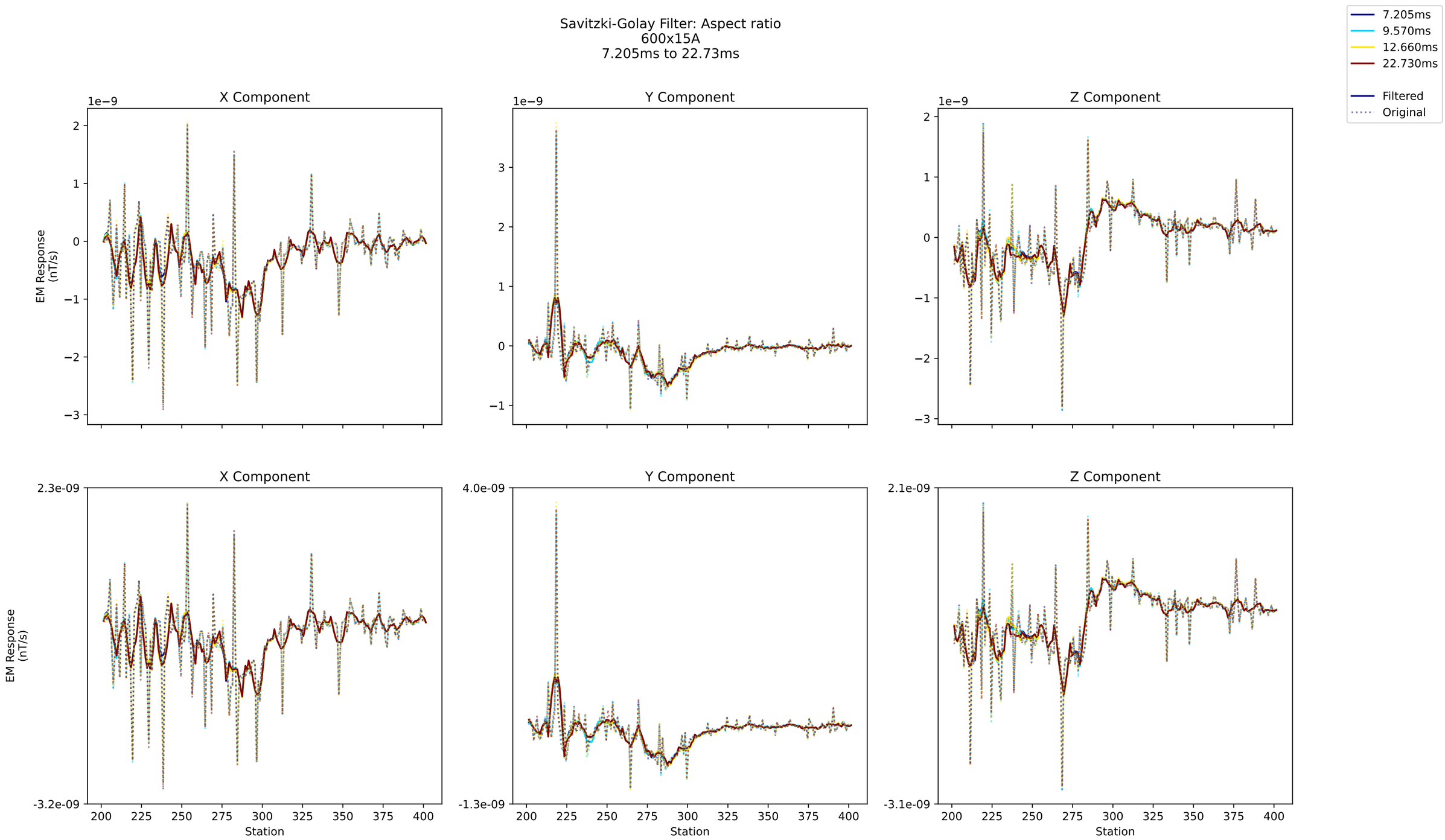

Savitzki-Golay Filter: Aspect ratio
600x15A
0.095ms to 0.235ms
0.095ms
0.130ms
0.175ms
0.235ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

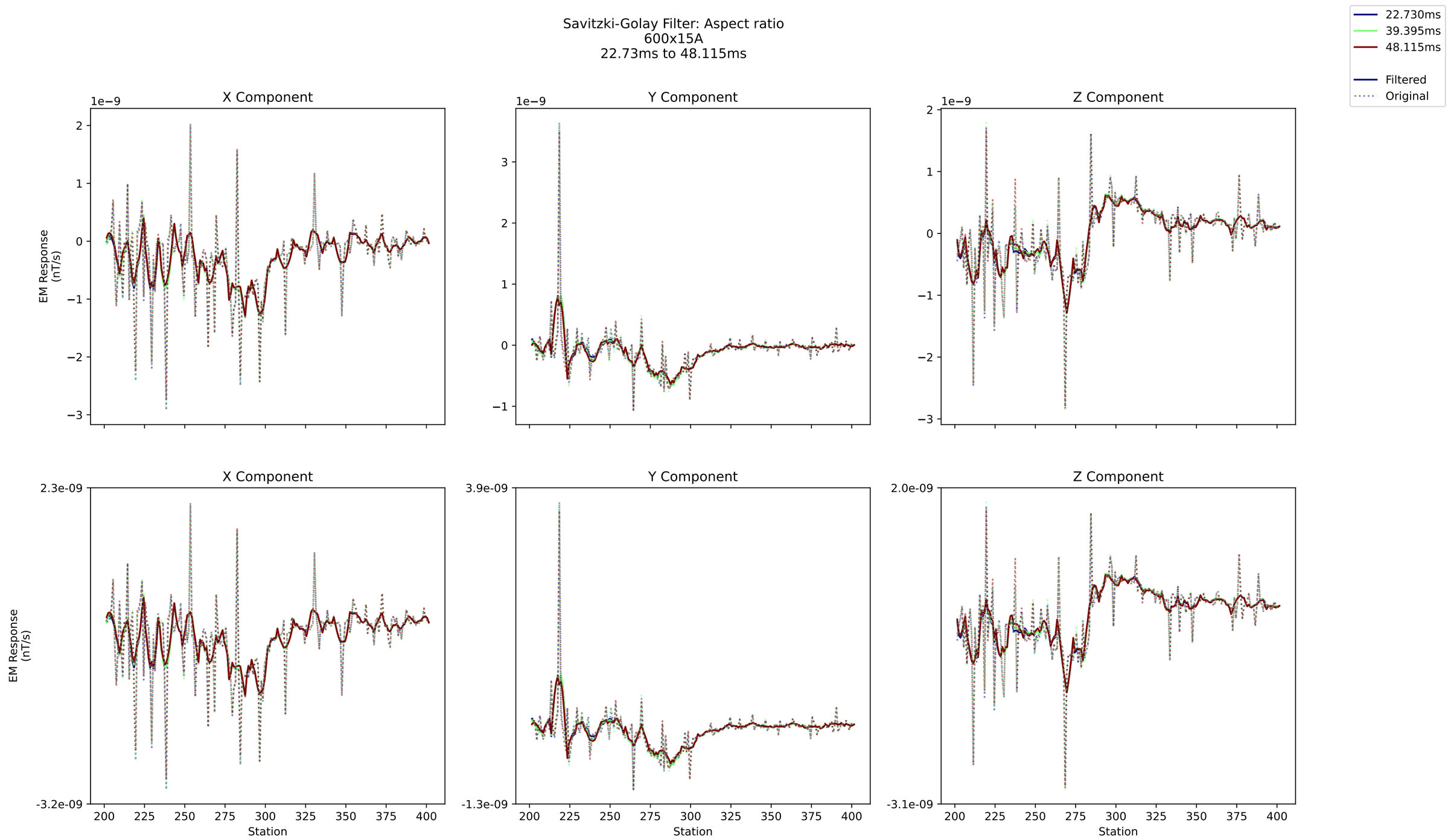

Savitzki-Golay Filter: Aspect ratio
600x15A
0.235ms to 0.56ms
0.235ms
0.315ms
0.420ms
0.560ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

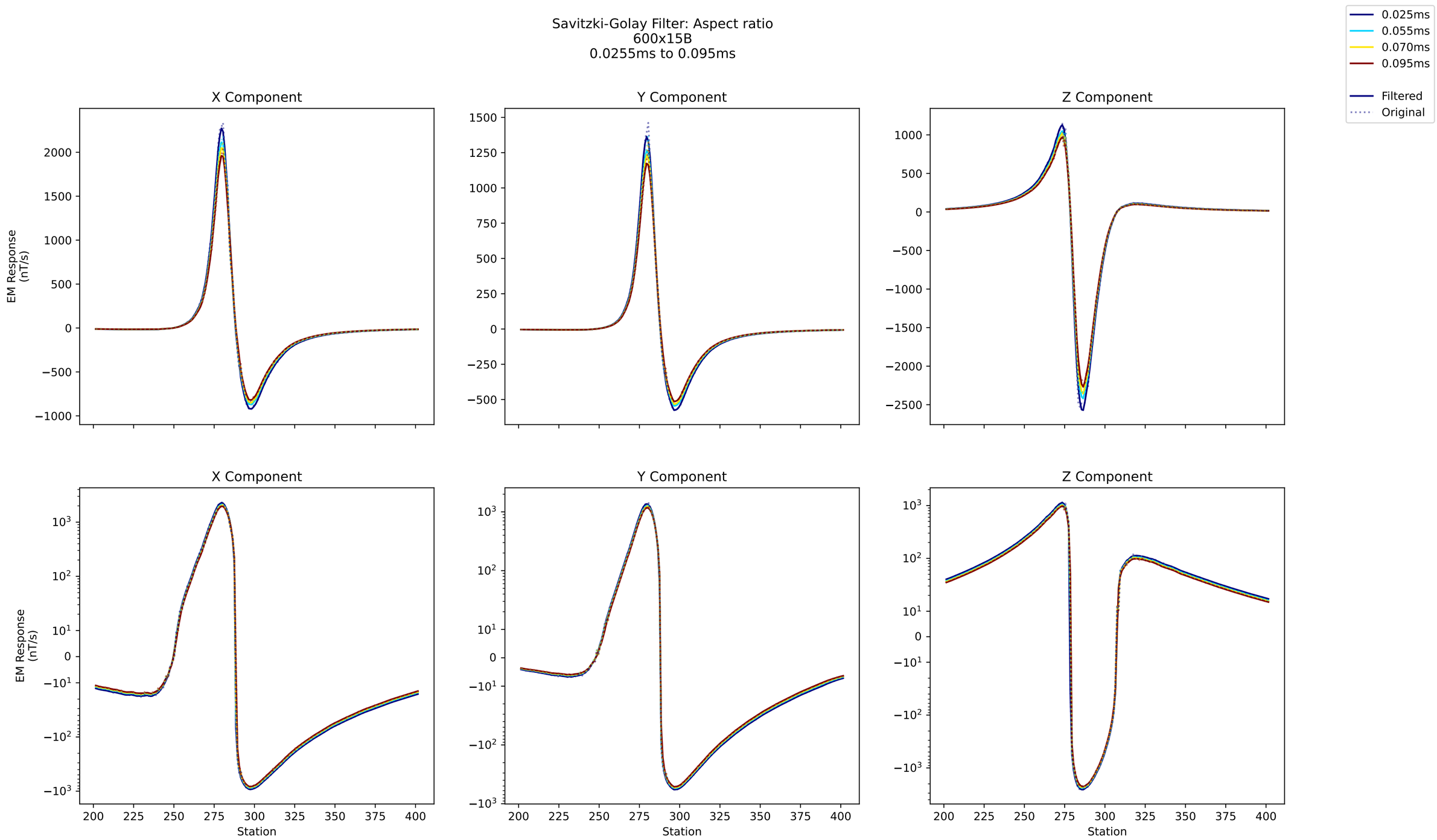

Savitzki-Golay Filter: Aspect ratio
600x15A
0.56ms to 1.315ms
0.560ms
0.745ms
0.990ms
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

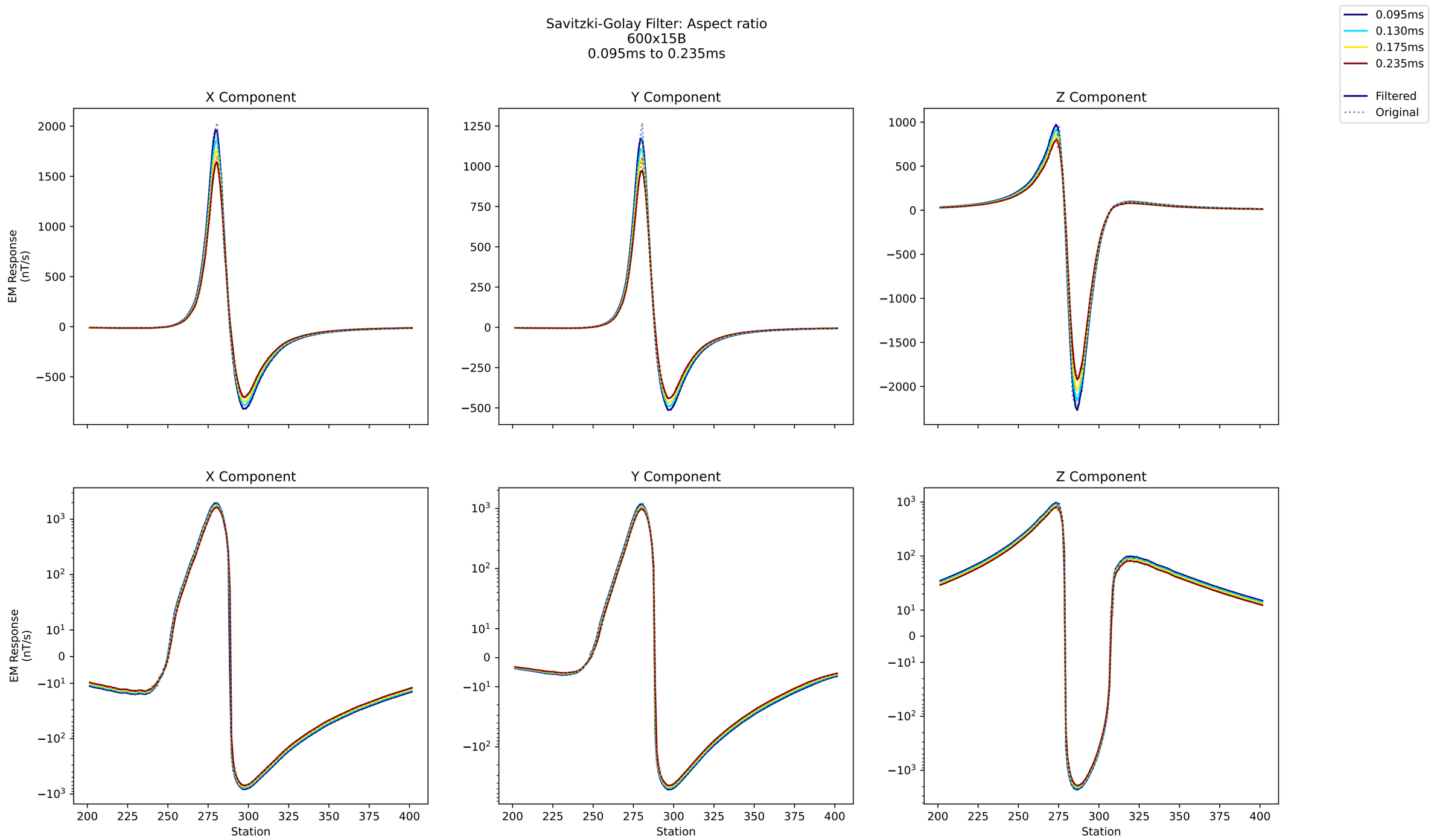

Savitzki-Golay Filter: Aspect ratio
600x15A
1.315ms to 3.075ms
1.315ms
1.745ms
2.315ms
3.075ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
2.1e+00
-1.1e+00
1.2e+00
-6.4e-01
1.1e+00
-2.7e+00
Station

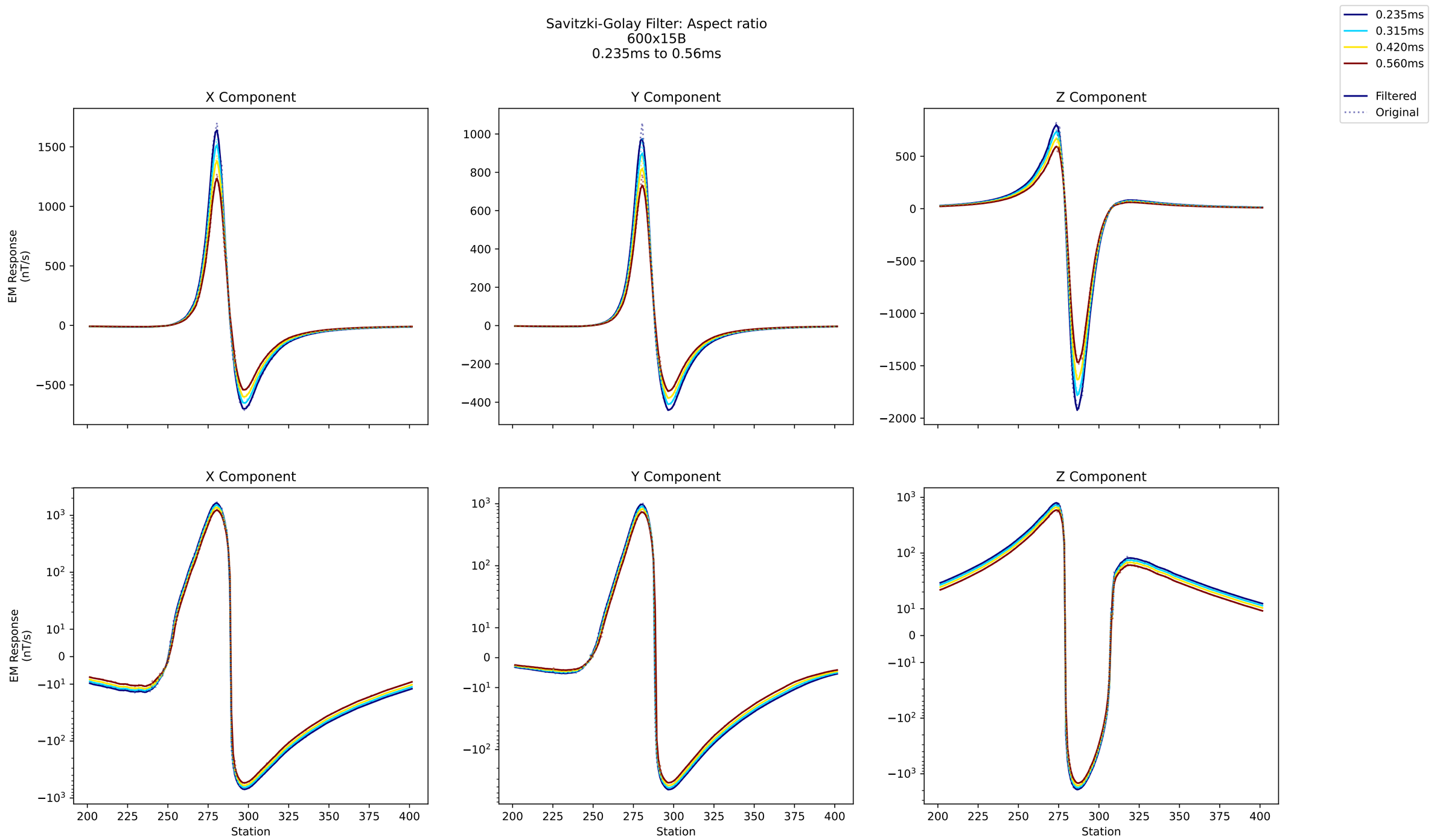

Savitzki-Golay Filter: Aspect ratio
600x15A
3.075ms to 7.205ms
3.075ms
4.085ms
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
600x15A
7.205ms to 22.73ms
7.205ms
9.570ms
12.660ms
22.730ms
Filtered
Original
X Component
Y Component
Z Component
1e−9
EM Response
(nT/s)
2.3e-09
-3.2e-09
4.0e-09
-1.3e-09
2.1e-09
-3.1e-09
Station


Savitzki-Golay Filter: Aspect ratio
600x15A
22.73ms to 48.115ms
22.730ms
39.395ms
48.115ms
Filtered
Original
X Component
Y Component
Z Component
1e−9
EM Response
(nT/s)
2.3e-09
-3.2e-09
3.9e-09
-1.3e-09
2.0e-09
-3.1e-09
200
225
250
275
300
325
350
375
400
Station


Savitzki-Golay Filter: Aspect ratio
600x15B
0.0255ms to 0.095ms
0.025ms
0.055ms
0.070ms
0.095ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
600x15B
0.095ms to 0.235ms
0.095ms
0.130ms
0.175ms
0.235ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
600x15B
0.235ms to 0.56ms
0.235ms
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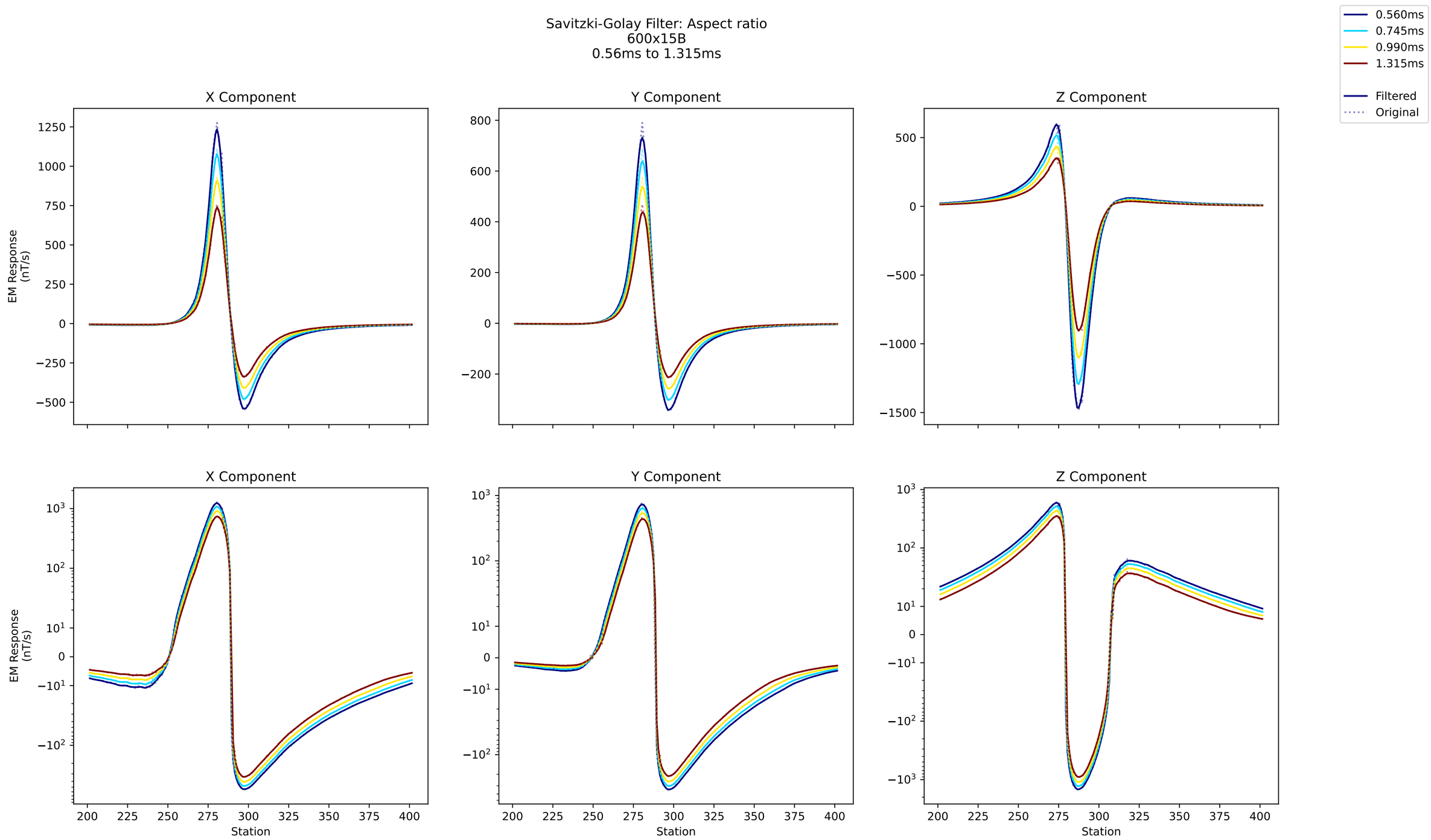
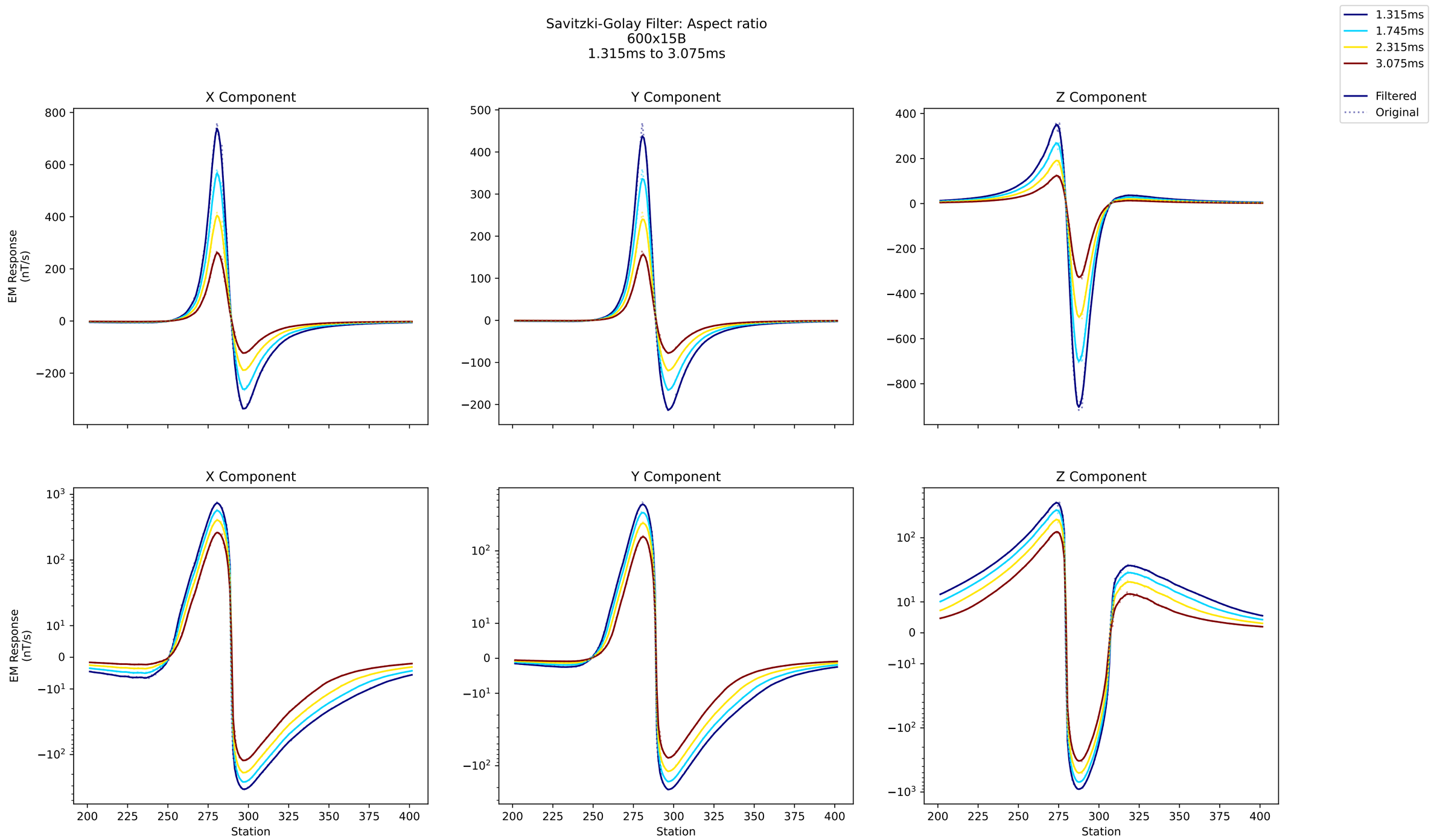
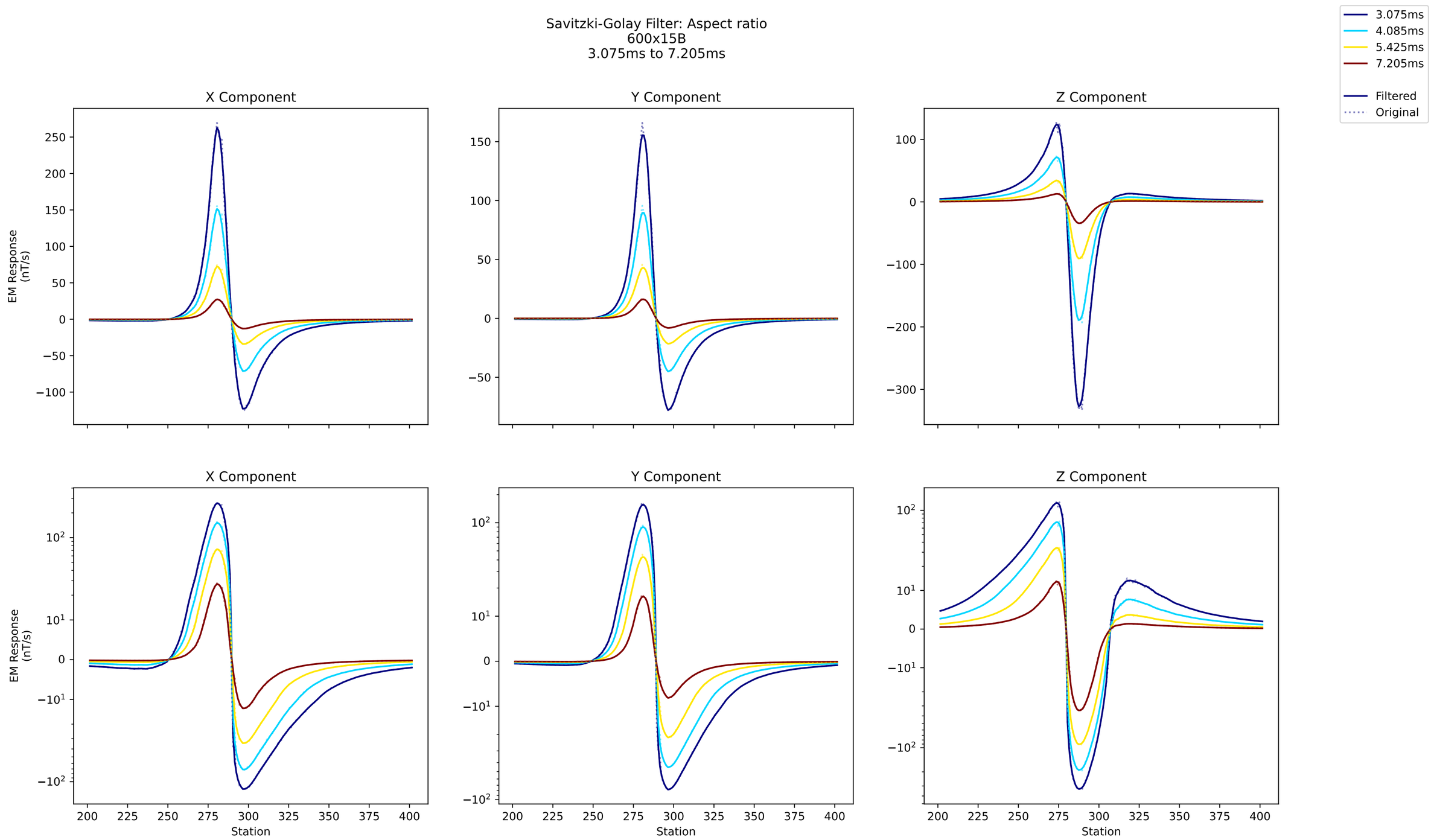
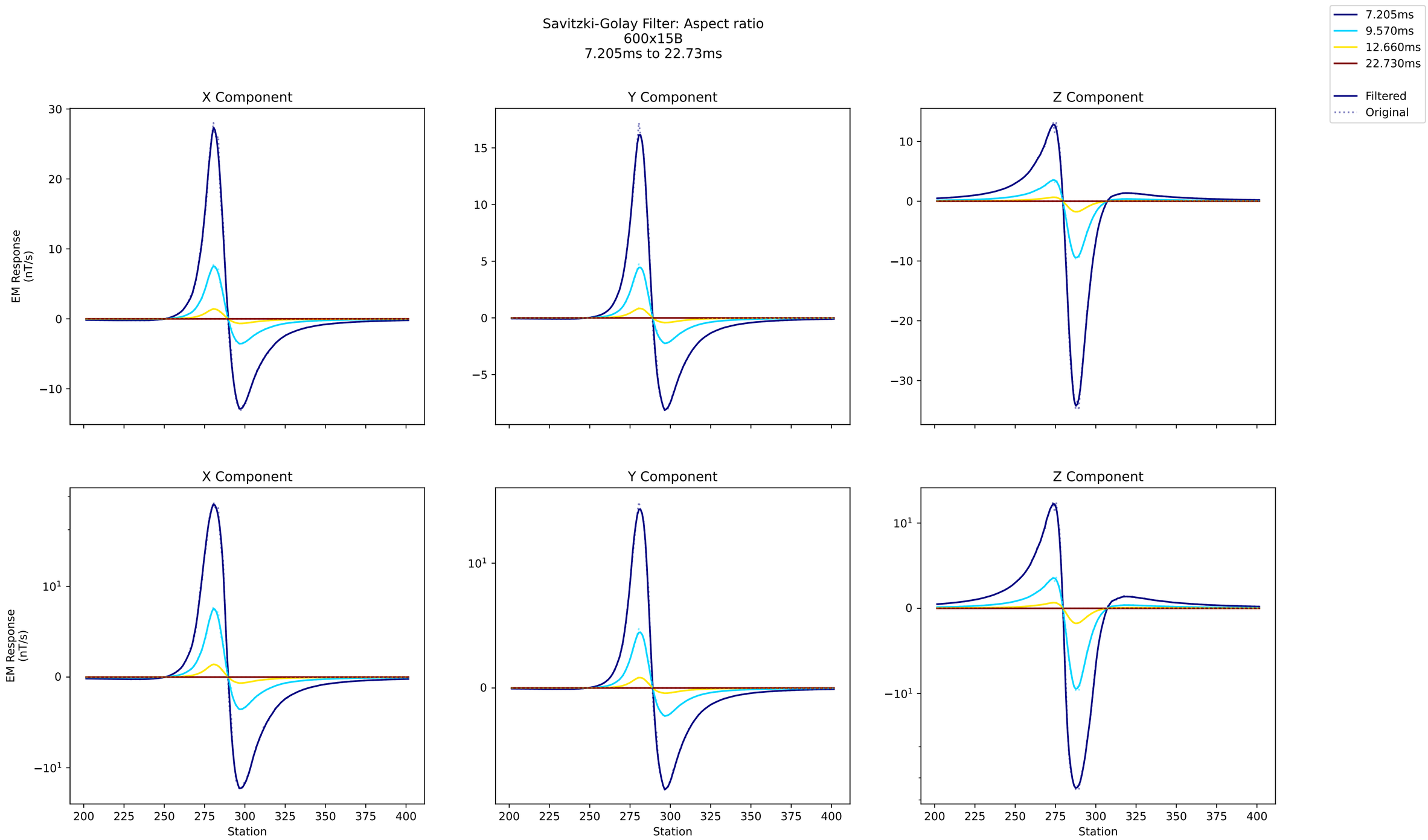
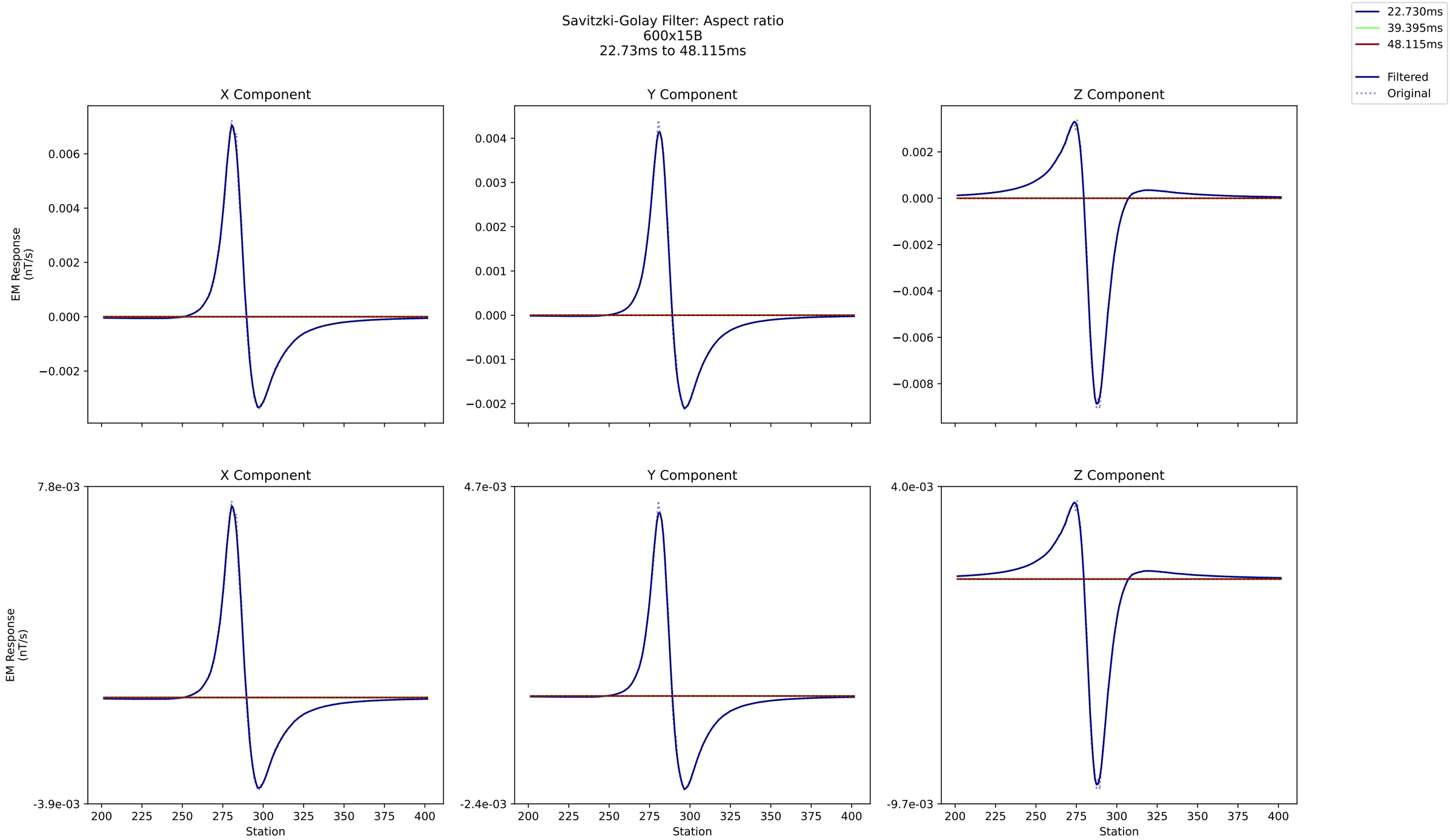
0.420ms
0.560ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

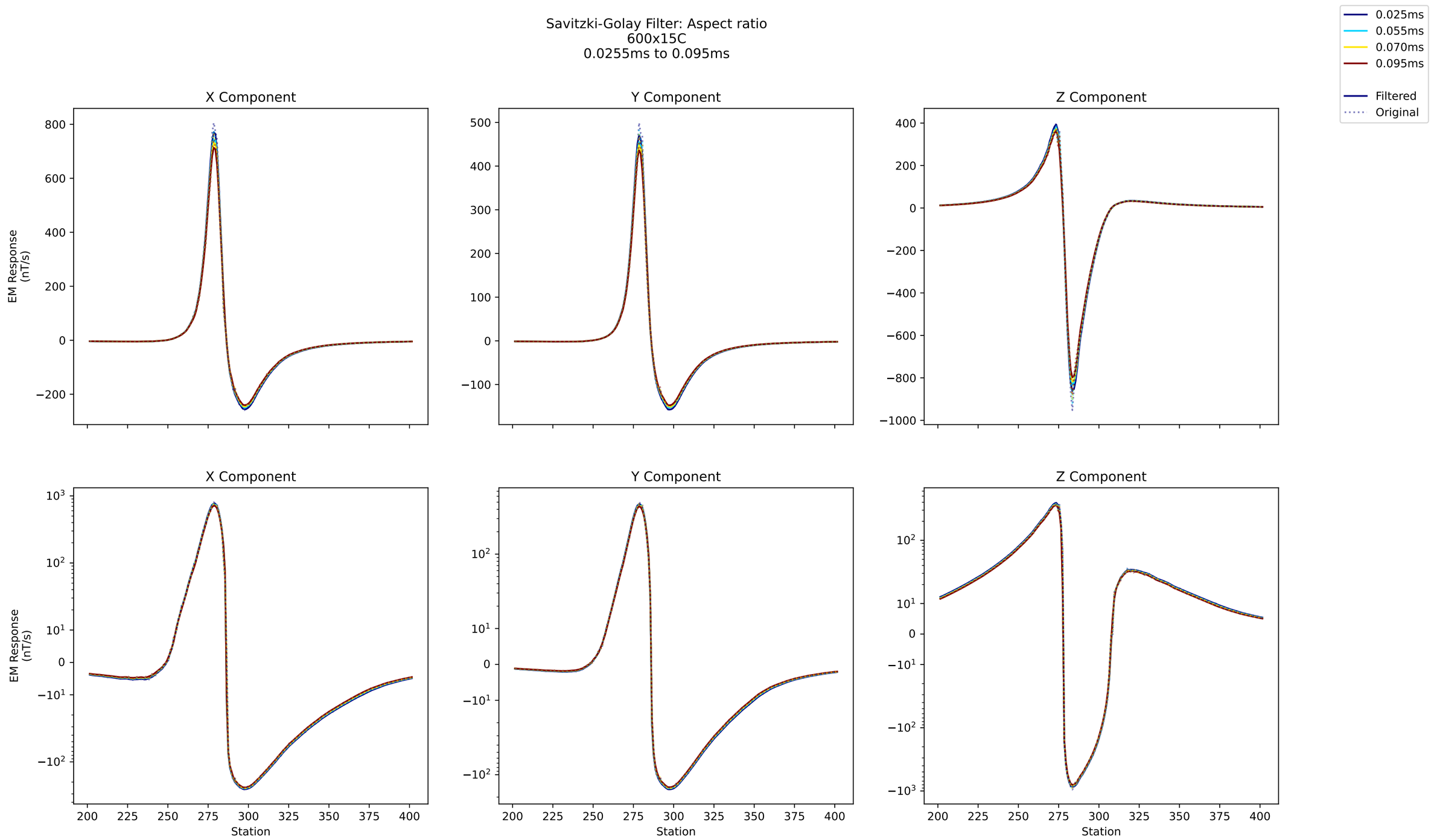

Savitzki-Golay Filter: Aspect ratio
600x15B
0.56ms to 1.315ms
0.560ms
0.745ms
0.990ms
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

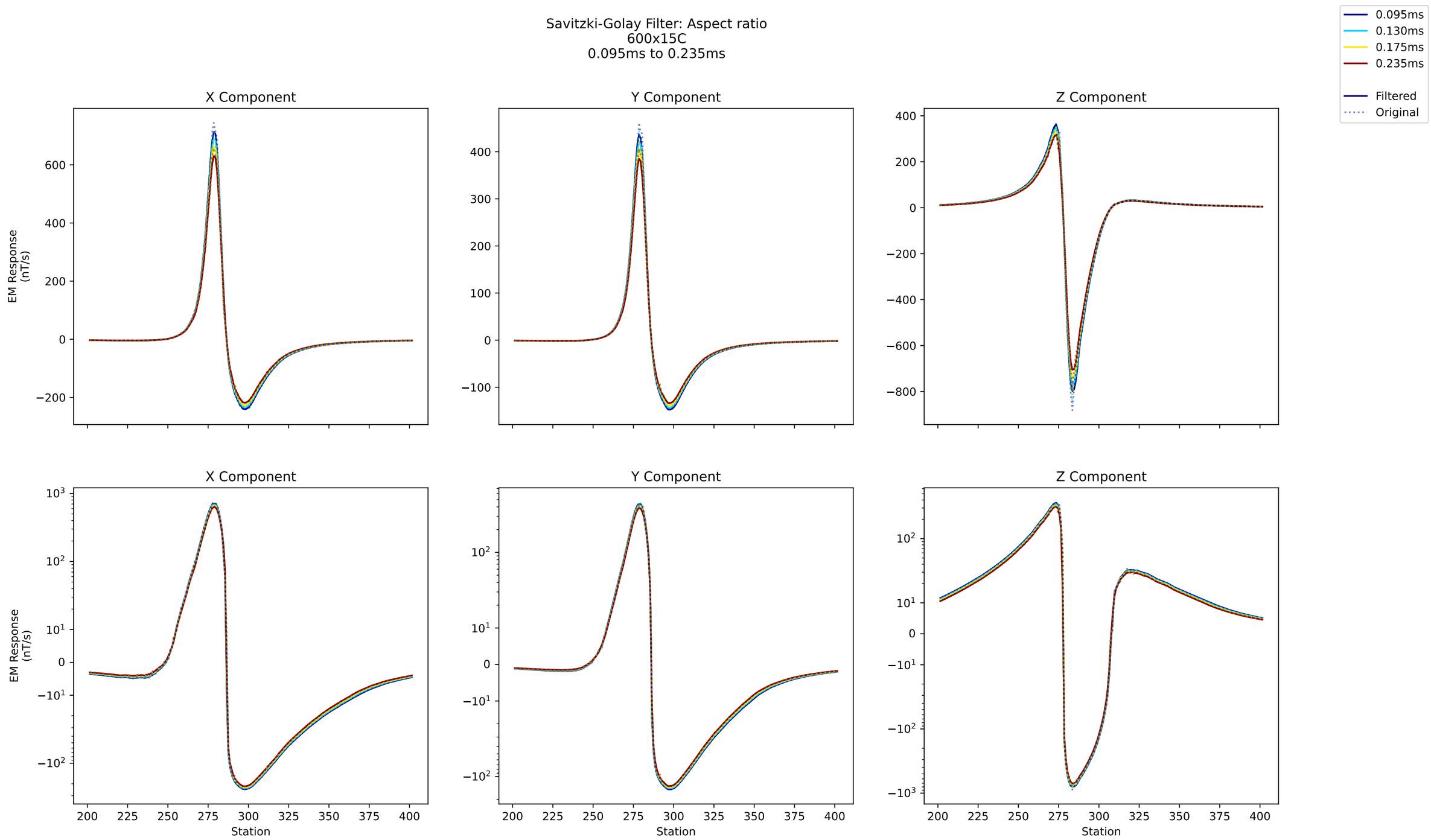

Savitzki-Golay Filter: Aspect ratio
600x15B
1.315ms to 3.075ms
1.315ms
1.745ms
2.315ms
3.075ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

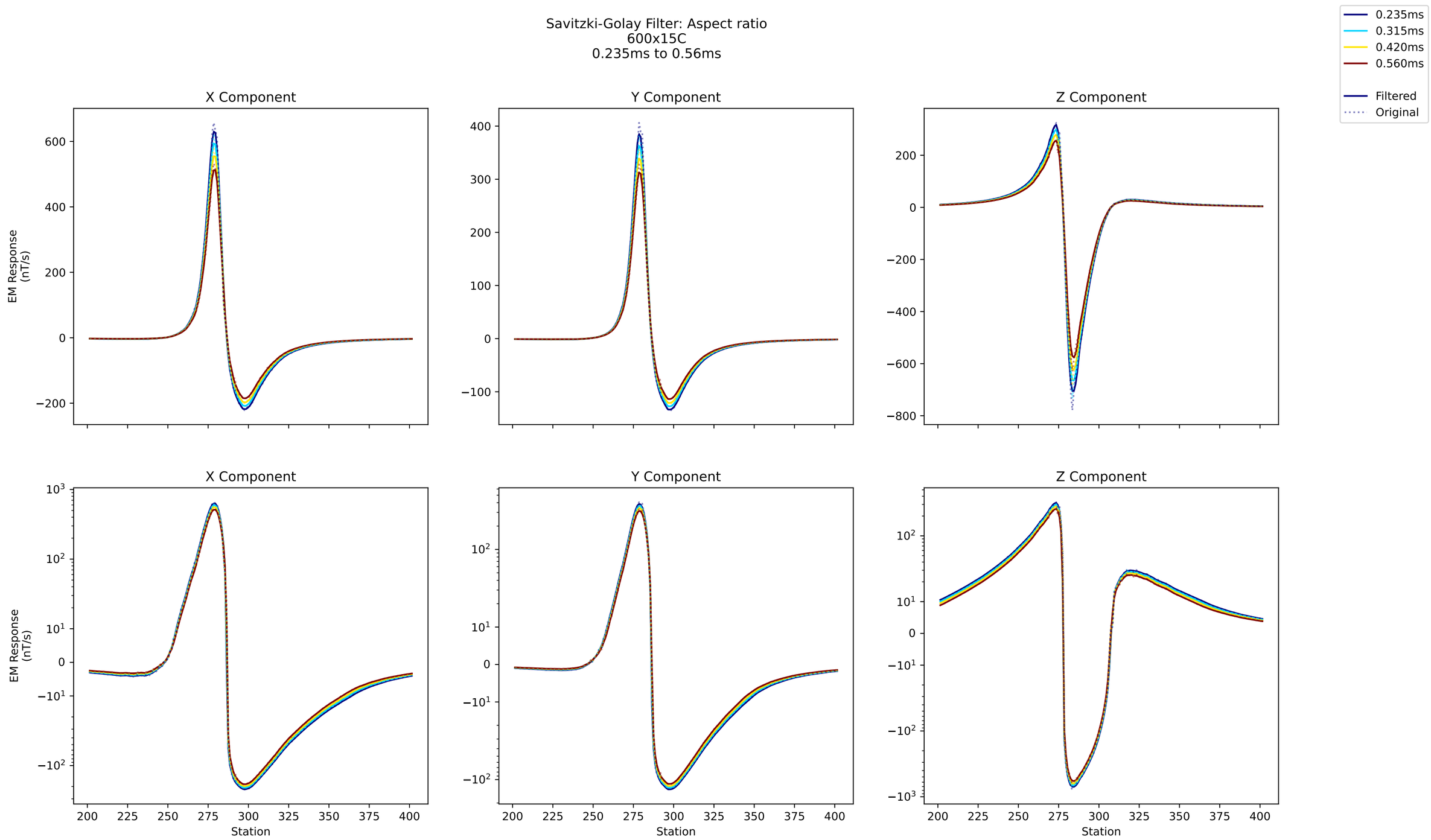

Savitzki-Golay Filter: Aspect ratio
600x15B
3.075ms to 7.205ms
3.075ms
4.085ms
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

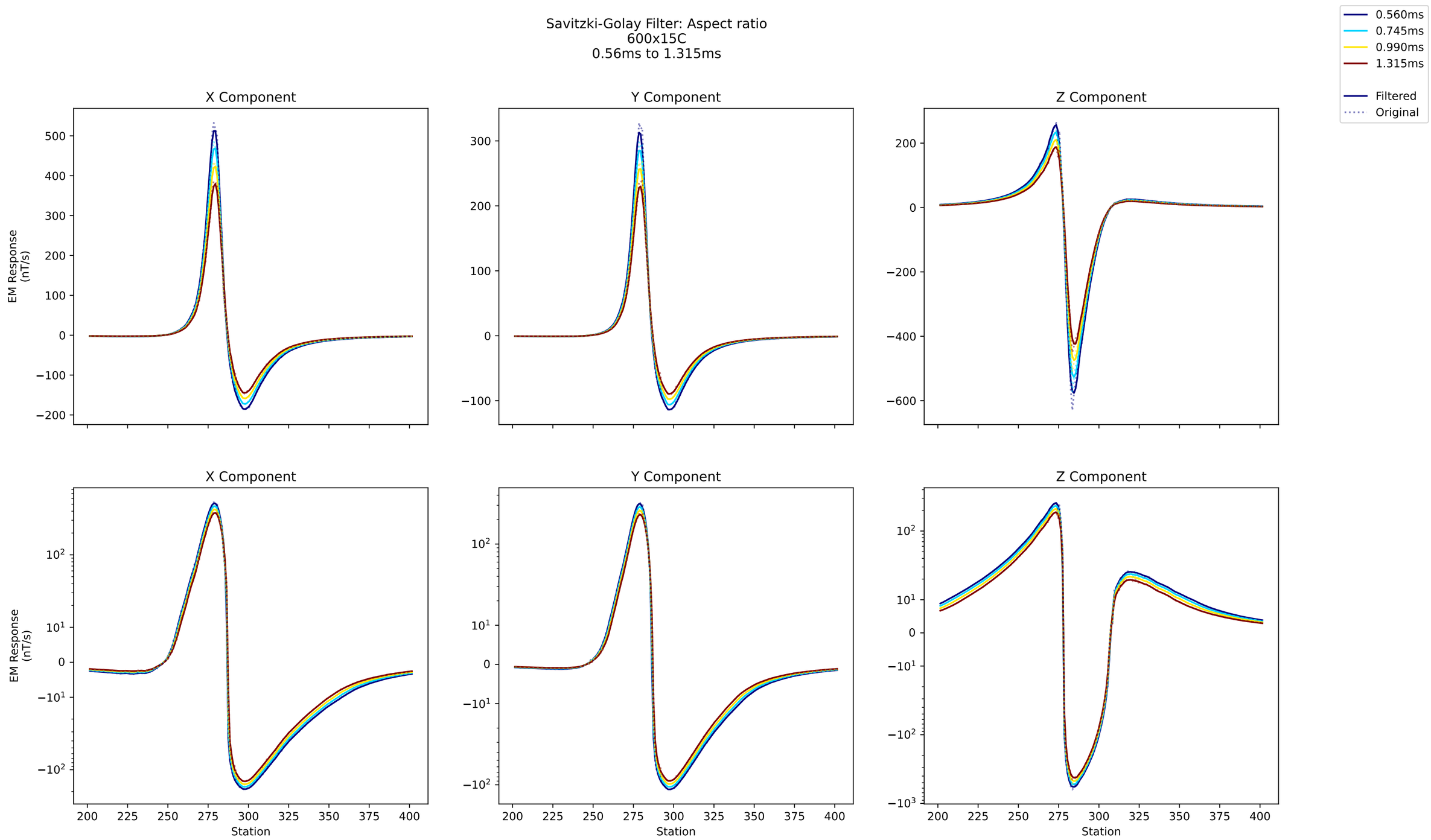

Savitzki-Golay Filter: Aspect ratio
600x15B
7.205ms to 22.73ms
7.205ms
9.570ms
12.660ms
22.730ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

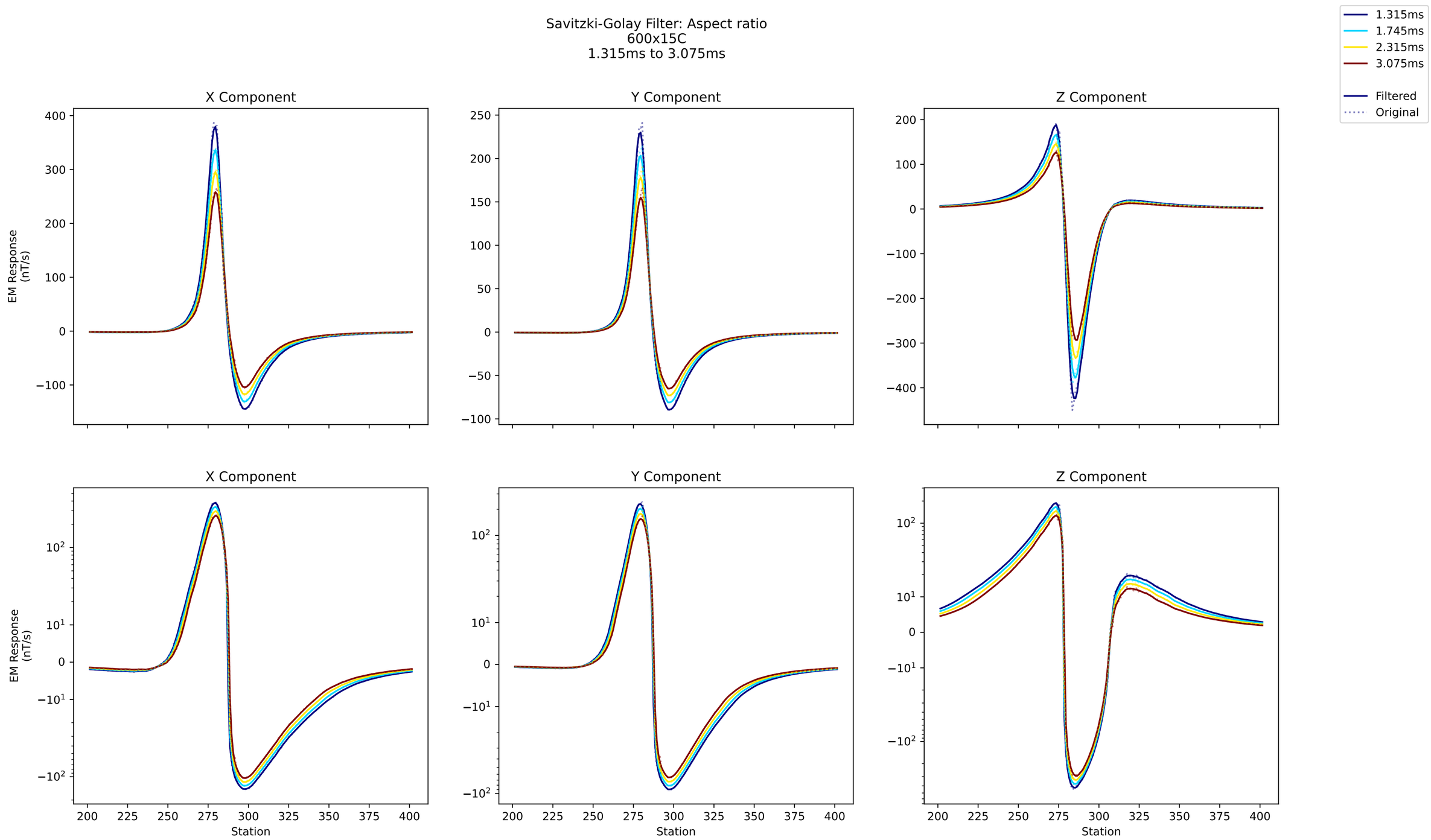

Savitzki-Golay Filter: Aspect ratio
600x15B
22.73ms to 48.115ms
22.730ms
39.395ms
48.115ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
0.006
0.004
0.002
0.000
−0.002
0.004
0.003
0.002
0.001
0.000
−0.001
−0.002
0.002
0.000
−0.002
−0.004
−0.006
−0.008
7.8e-03
-3.9e-03
4.7e-03
-2.4e-03
4.0e-03
-9.7e-03
200
225
250
275
300
325
350
375
400
Station

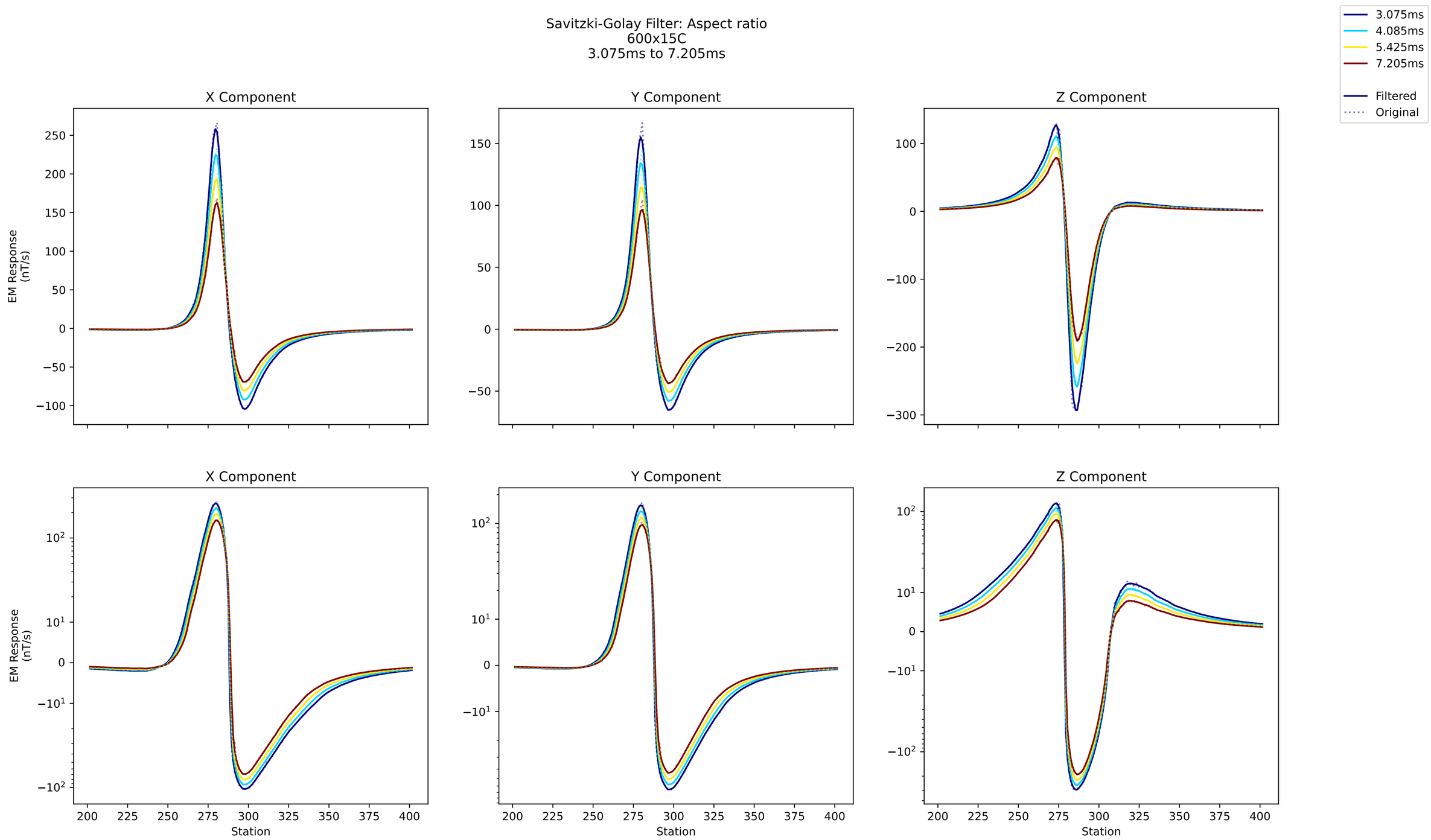

Savitzki-Golay Filter: Aspect ratio
600x15C
0.0255ms to 0.095ms
0.025ms
0.055ms
0.070ms
0.095ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

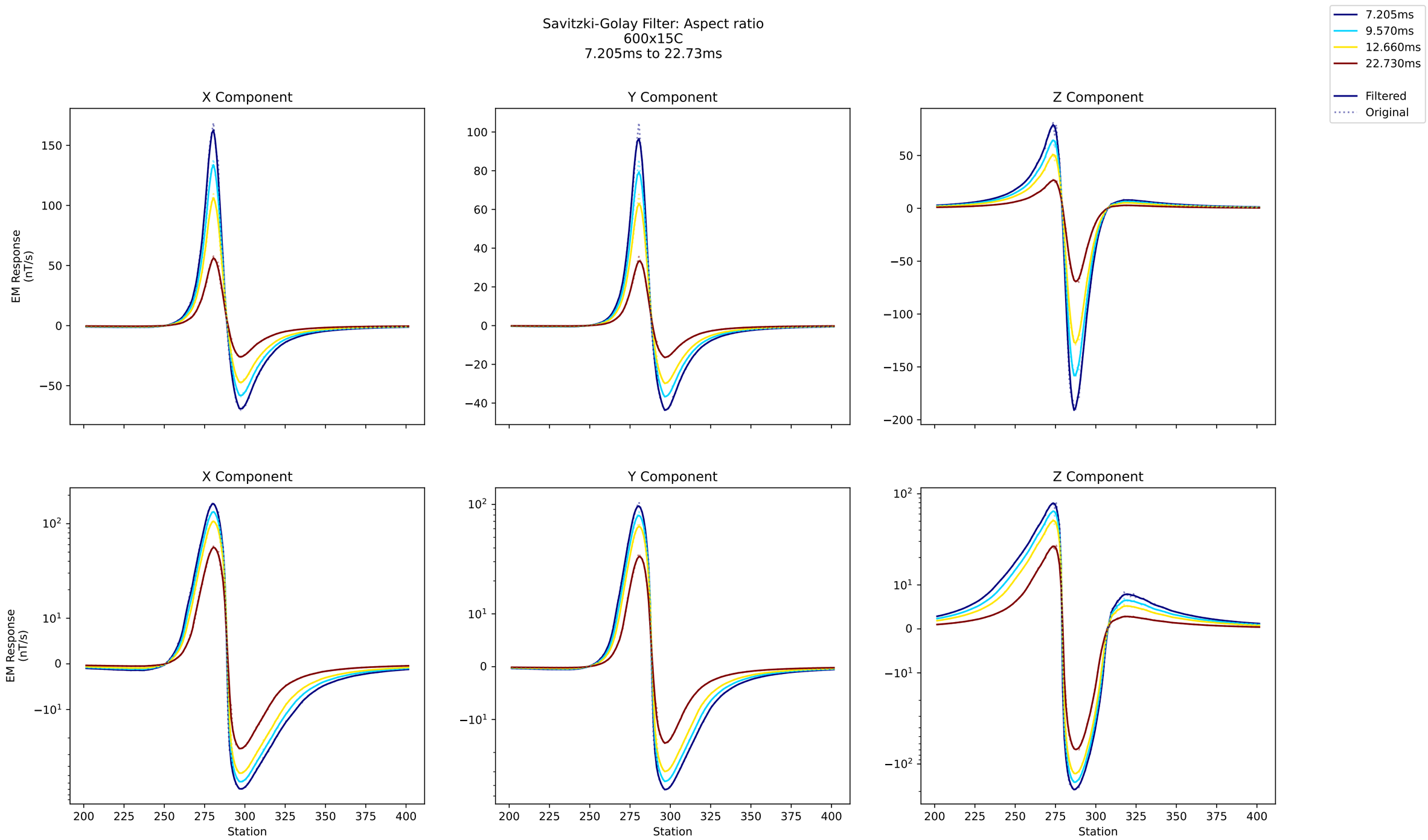

Savitzki-Golay Filter: Aspect ratio
600x15C
0.095ms to 0.235ms
0.095ms
0.130ms
0.175ms
0.235ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

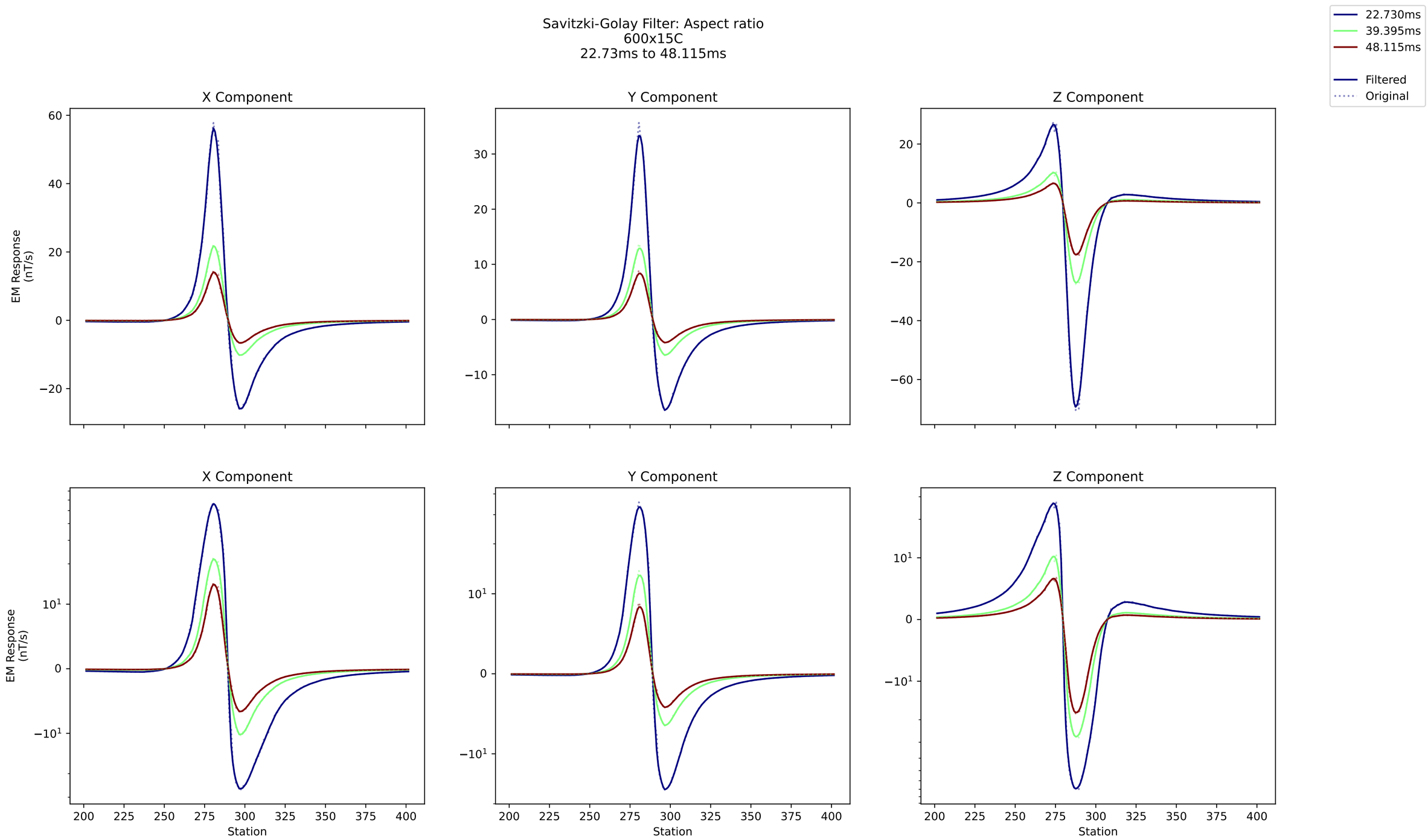

Savitzki-Golay Filter: Aspect ratio
600x15C
0.235ms to 0.56ms
0.235ms
0.315ms
0.420ms
0.560ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

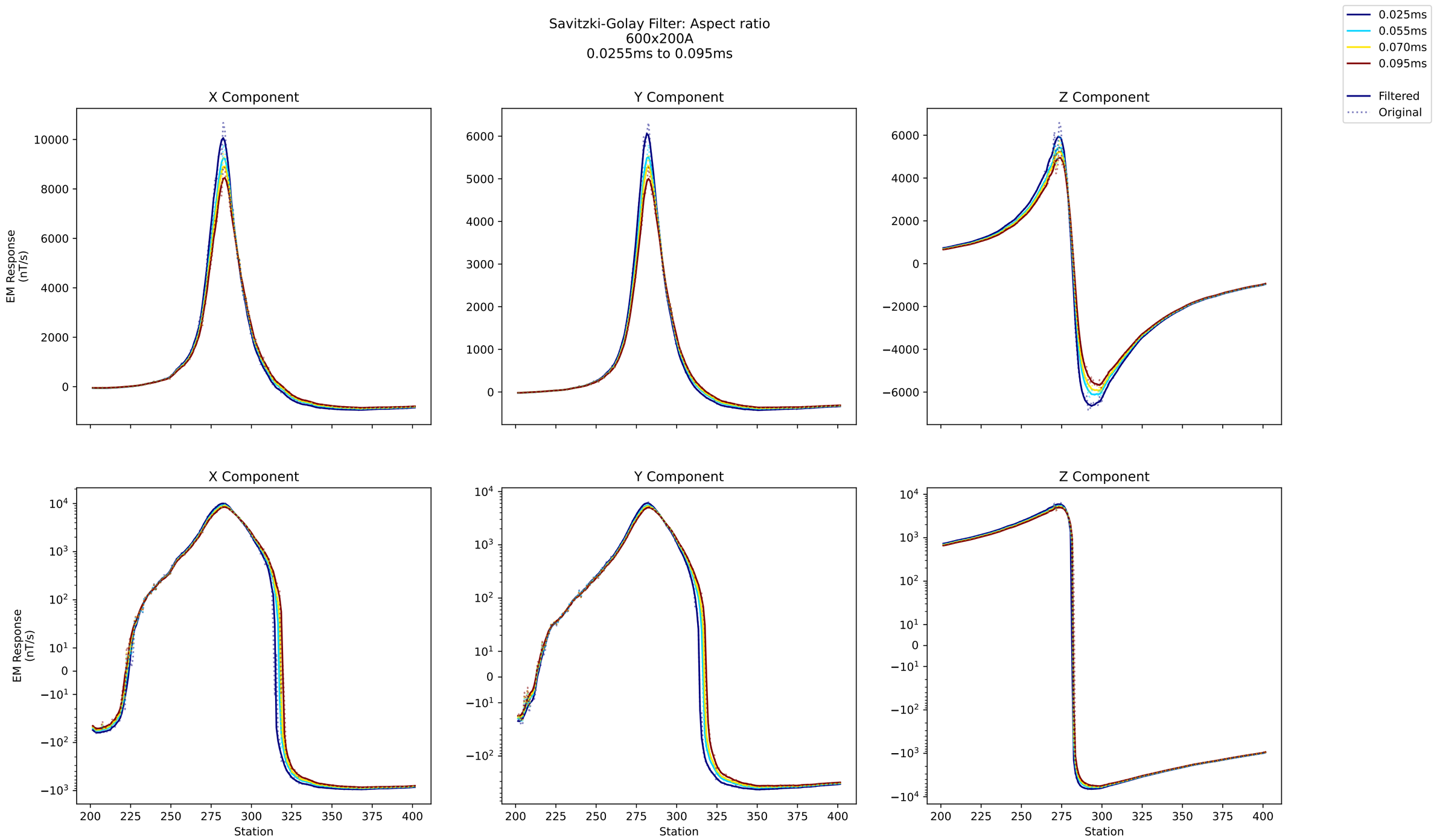

Savitzki-Golay Filter: Aspect ratio
600x15C
0.56ms to 1.315ms
0.560ms
0.745ms
0.990ms
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

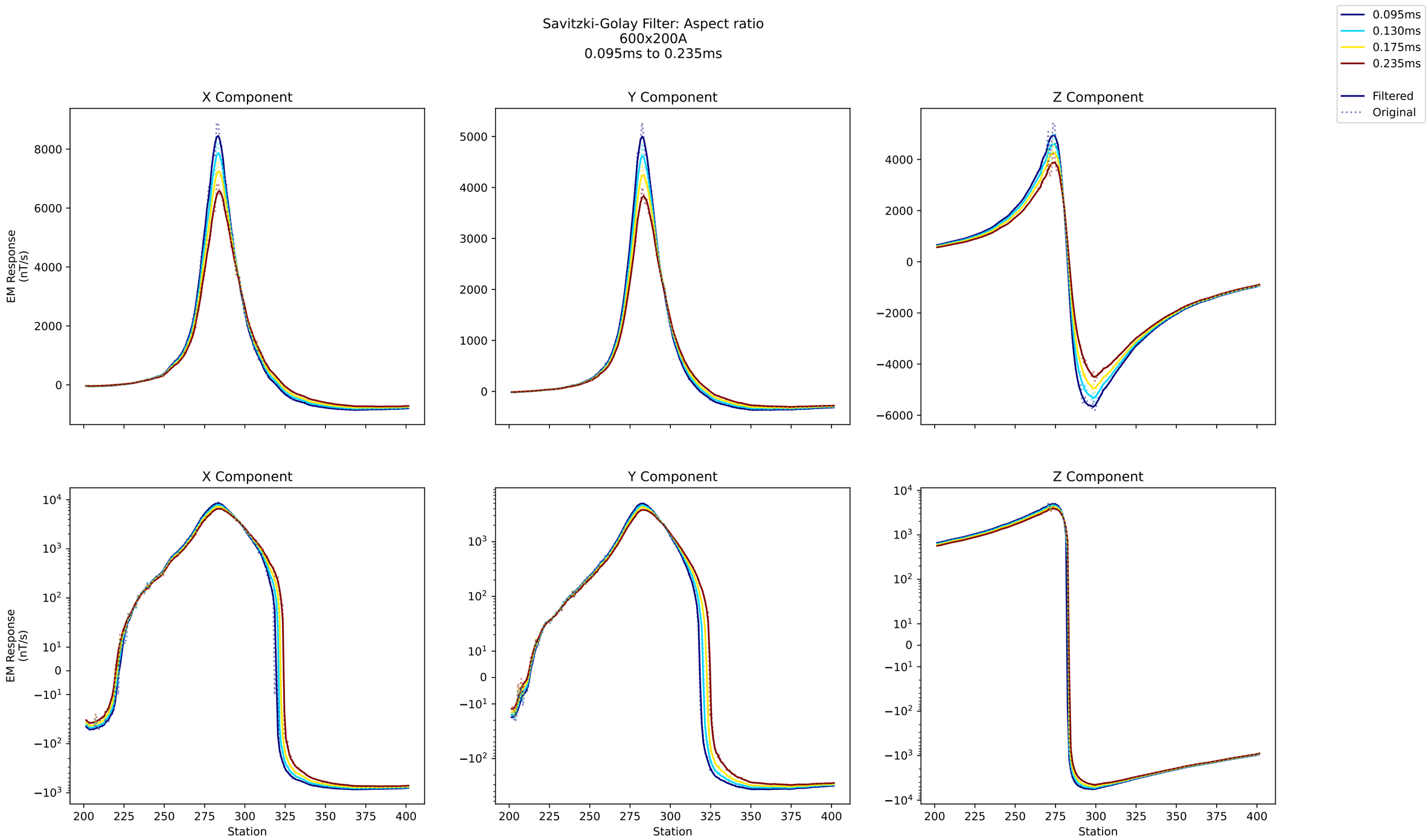

Savitzki-Golay Filter: Aspect ratio
600x15C
1.315ms to 3.075ms
1.315ms
1.745ms
2.315ms
3.075ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

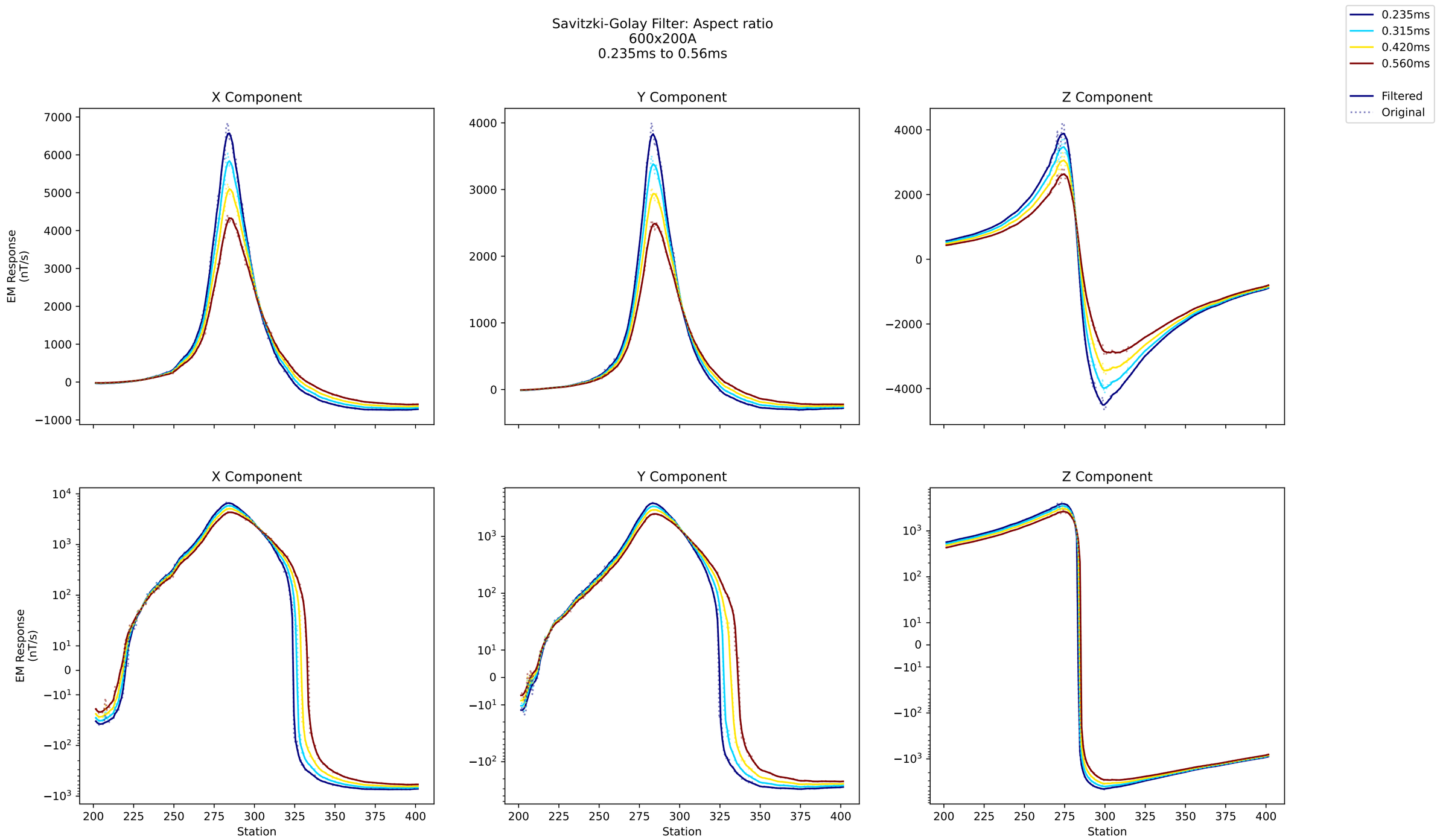

Savitzki-Golay Filter: Aspect ratio
600x15C
3.075ms to 7.205ms
3.075ms
4.085ms
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
600x15C
7.205ms to 22.73ms
7.205ms
9.570ms
12.660ms
22.730ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
600x15C
22.73ms to 48.115ms
22.730ms
39.395ms
48.115ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
600x200A
0.0255ms to 0.095ms
0.025ms
0.055ms
0.070ms
0.095ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
600x200A
0.095ms to 0.235ms
0.095ms
0.130ms
0.175ms
0.235ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
EM Response
(nT/s)
Station
Station
Station


Savitzki-Golay Filter: Aspect ratio
600x200A
0.235ms to 0.56ms
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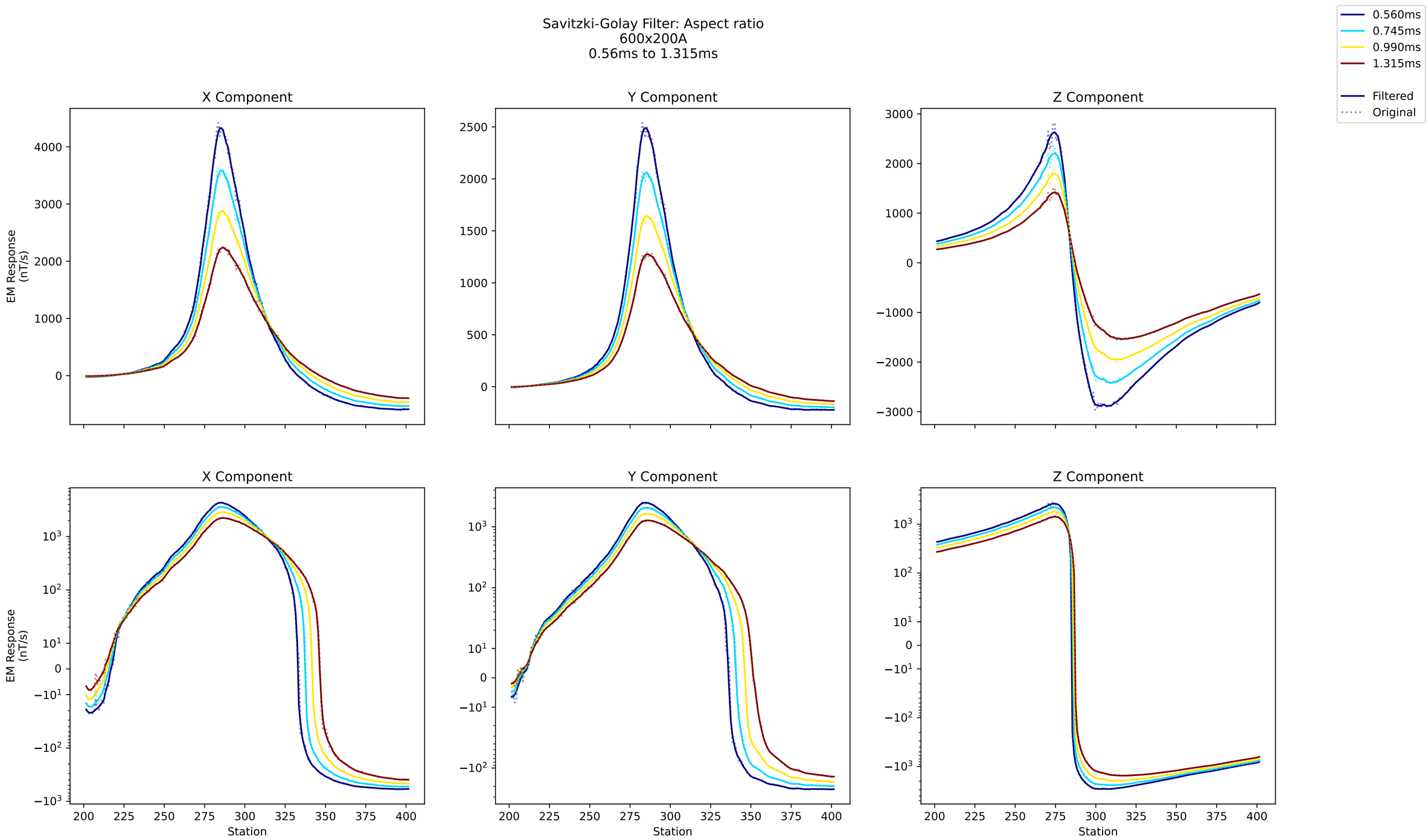
0.420ms
0.560ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
600x200A
0.56ms to 1.315ms
0.560ms
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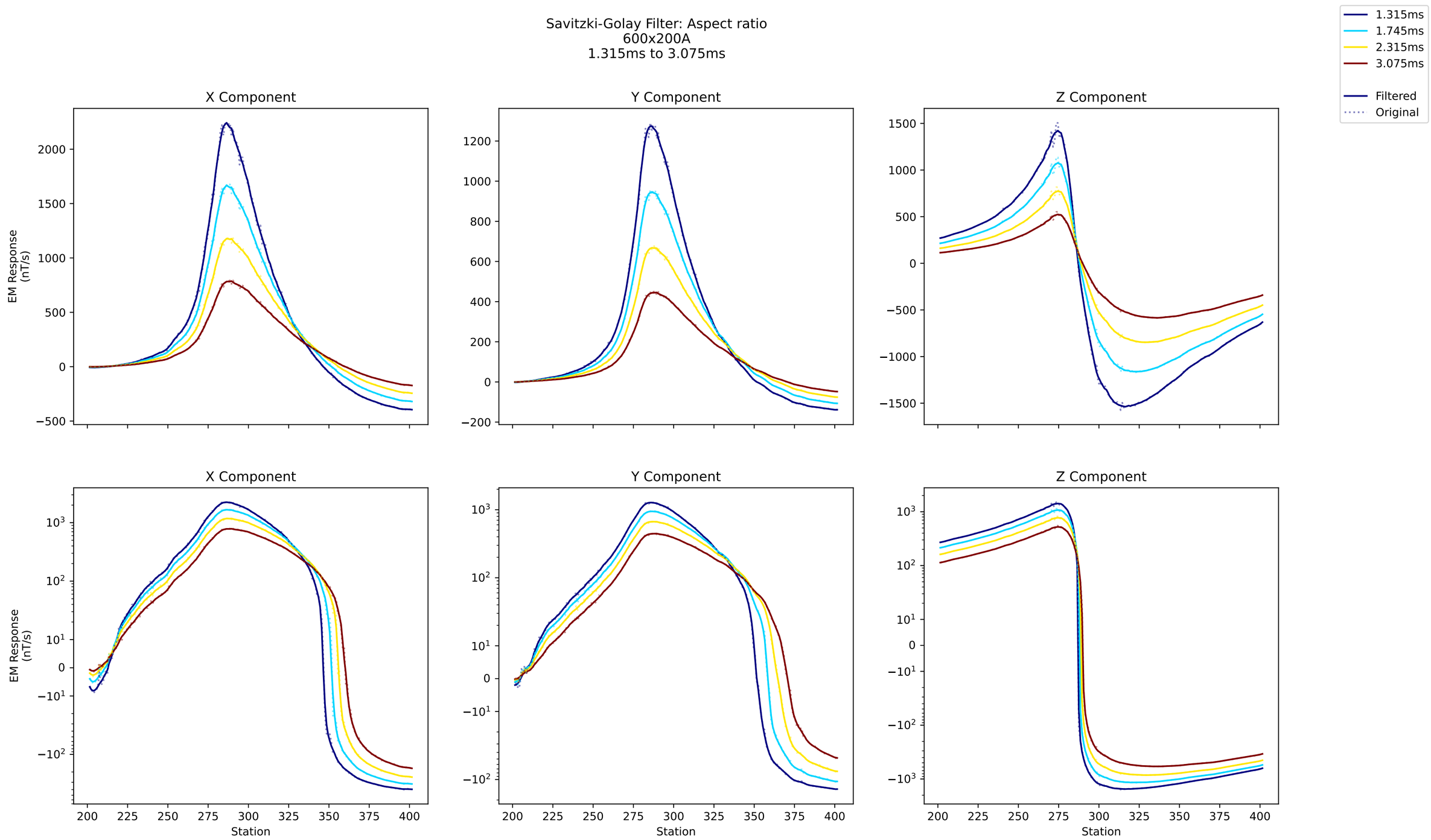
0.990ms
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station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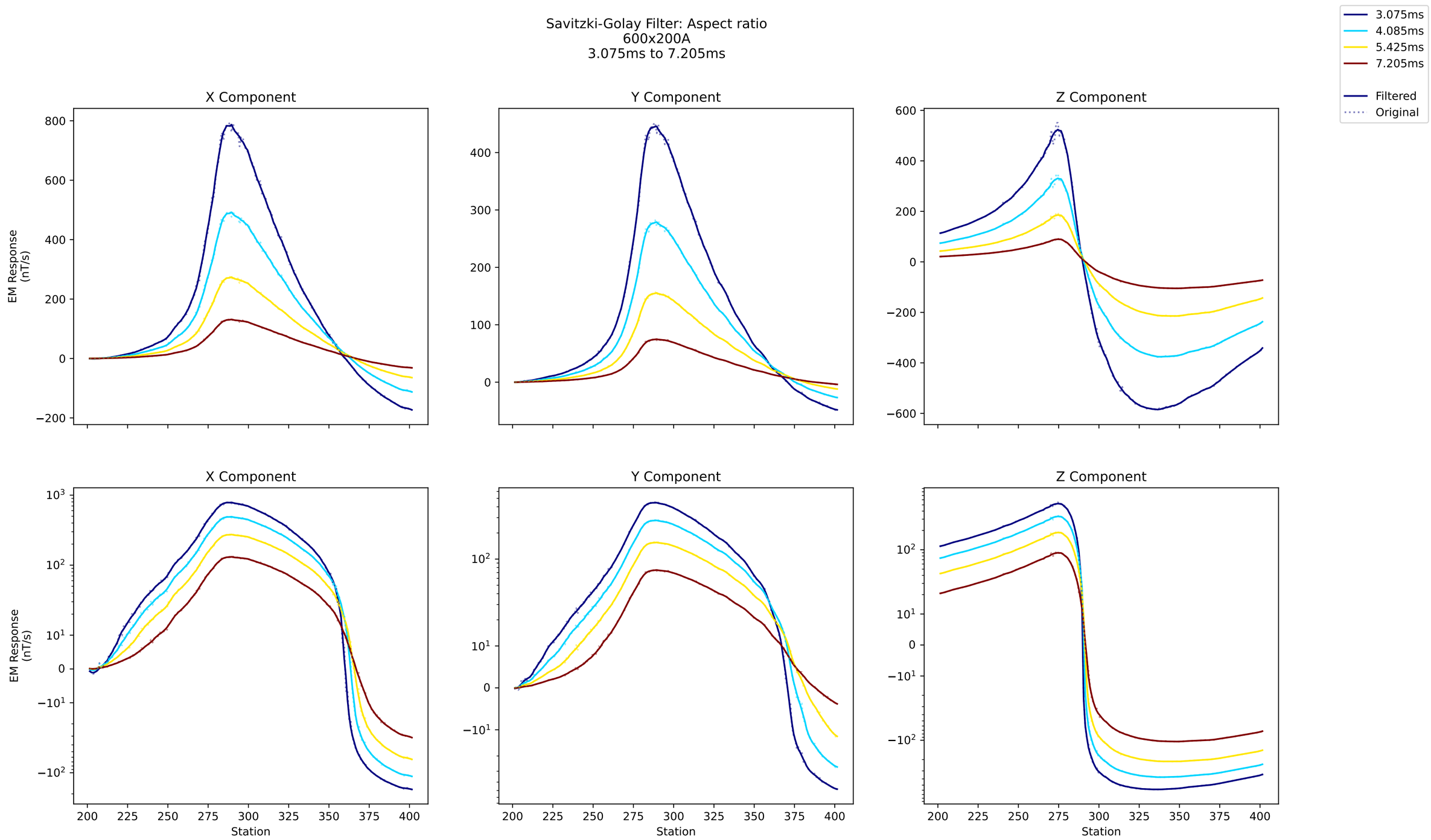
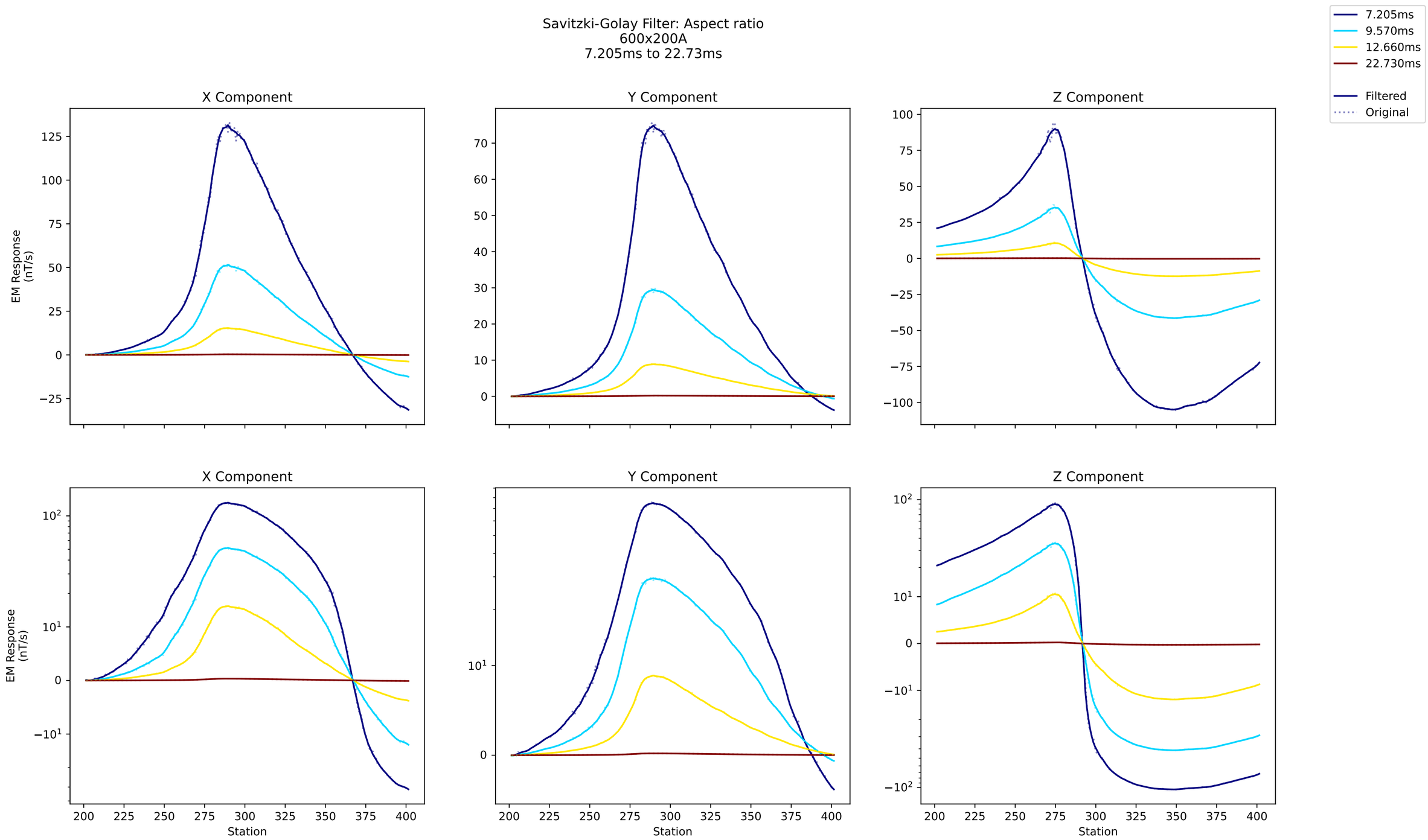
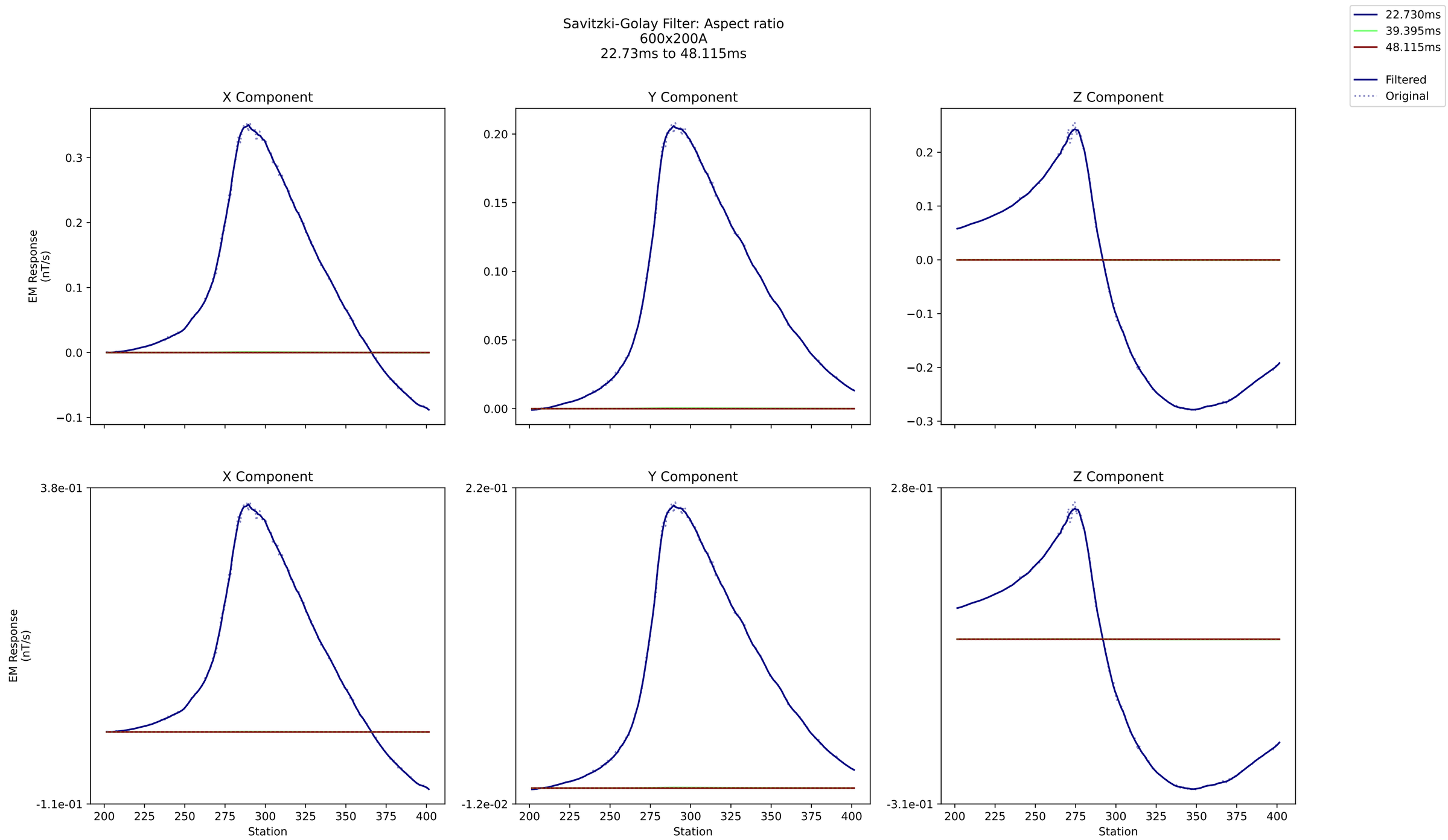
600x200A
1.315ms to 3.075ms
1.315ms
1.745ms
2.315ms
3.075ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
600x200A
3.075ms to 7.205ms
3.075ms
4.085ms
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
600x200A
7.205ms to 22.73ms
7.205ms
9.570ms
12.660ms
22.730ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
600x200A
22.73ms to 48.115ms
22.730ms
39.395ms
48.115ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station
3.8e-01
-1.1e-01
2.2e-01
-1.2e-02
2.8e-01
-3.1e-01
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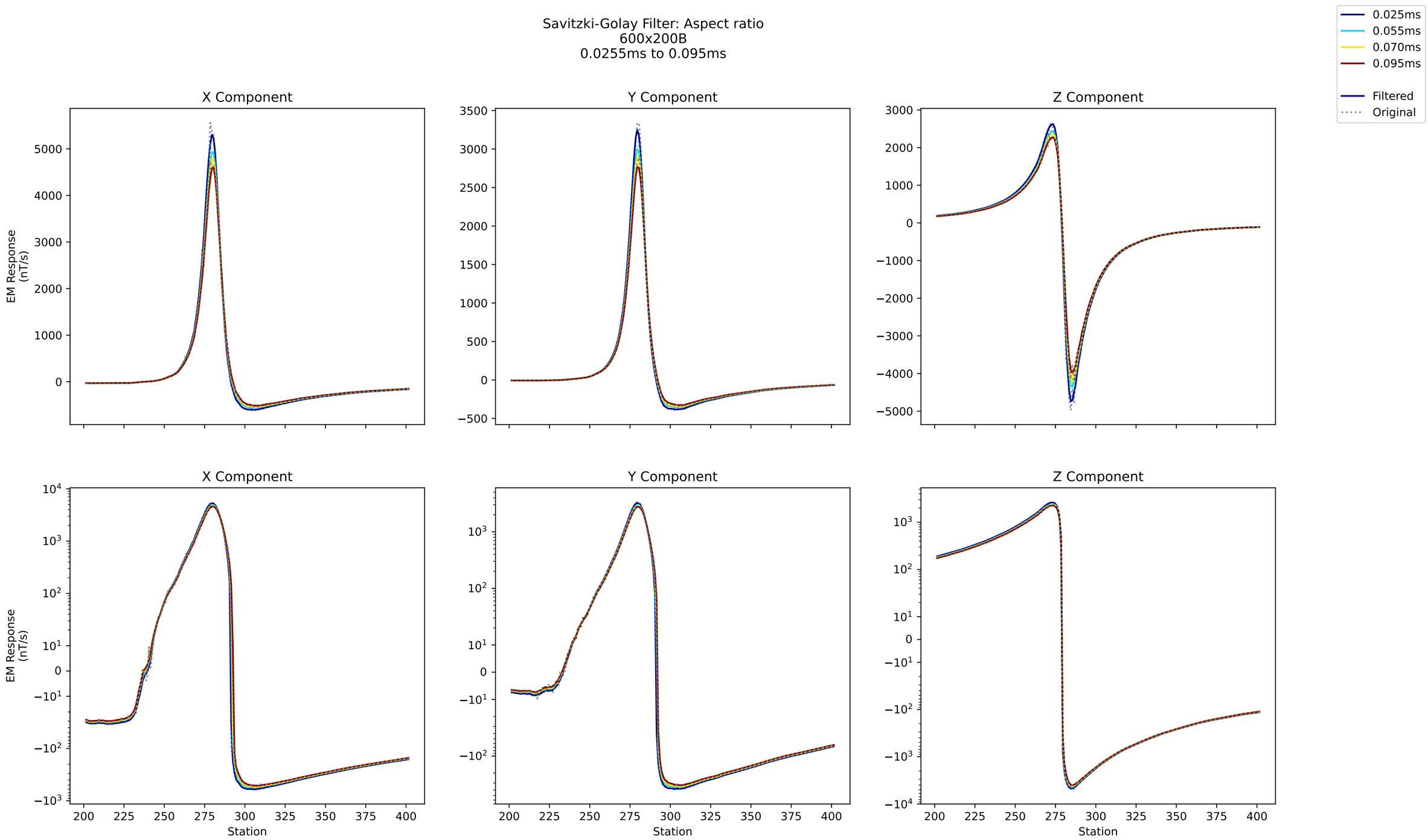
225
250
275
300
325
350
375
400


Savitzki-Golay Filter: Aspect ratio
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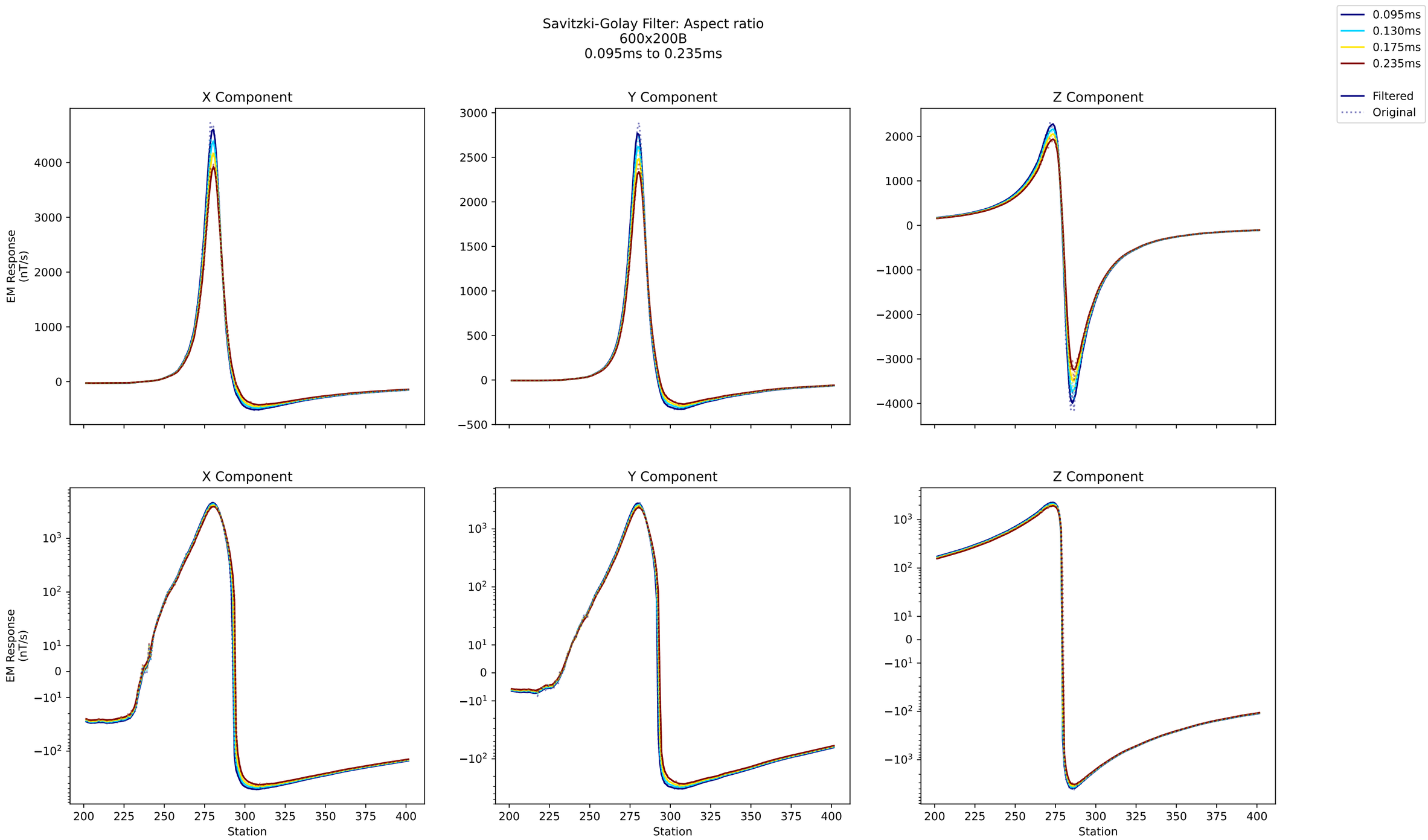
0.095ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station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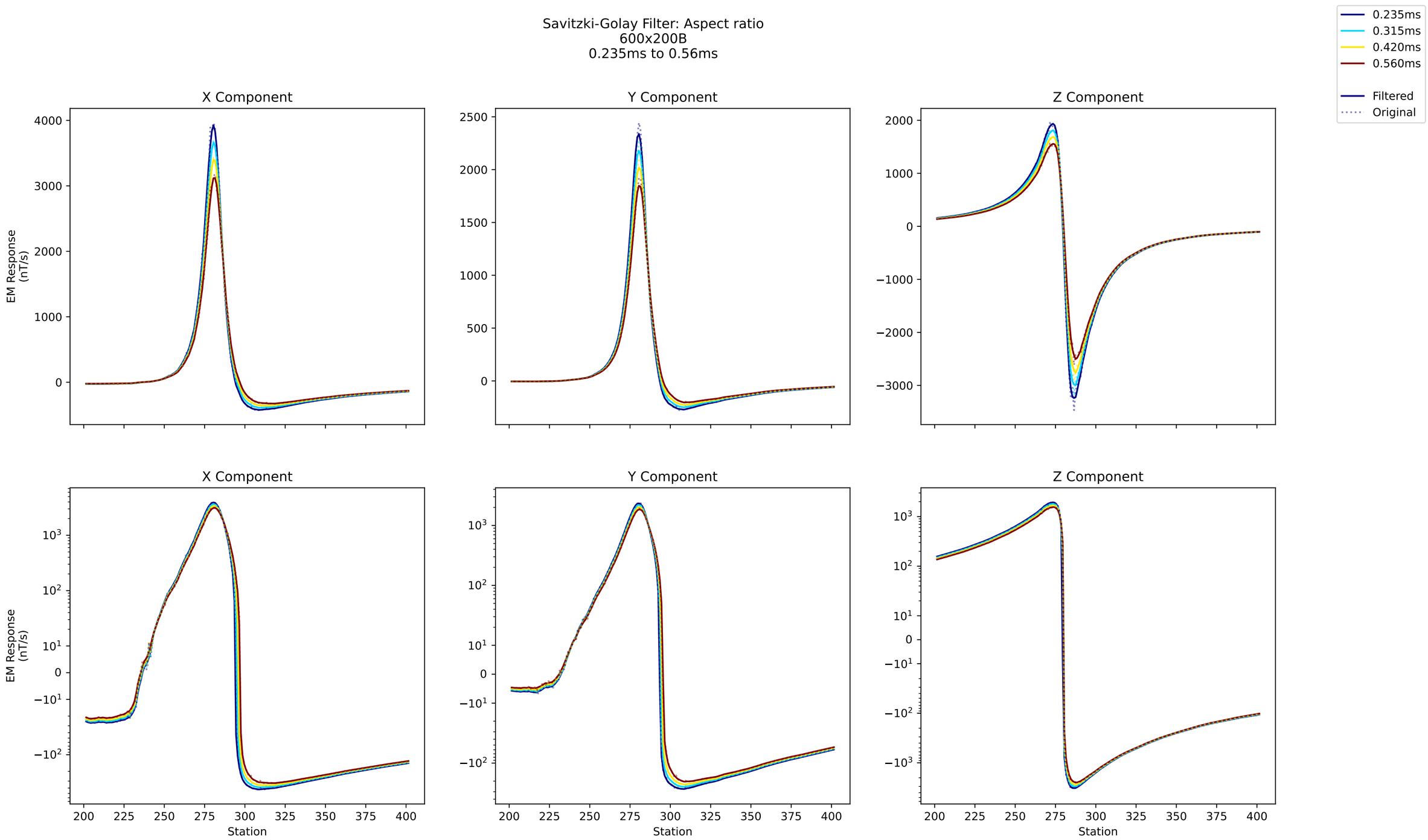
0.235ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station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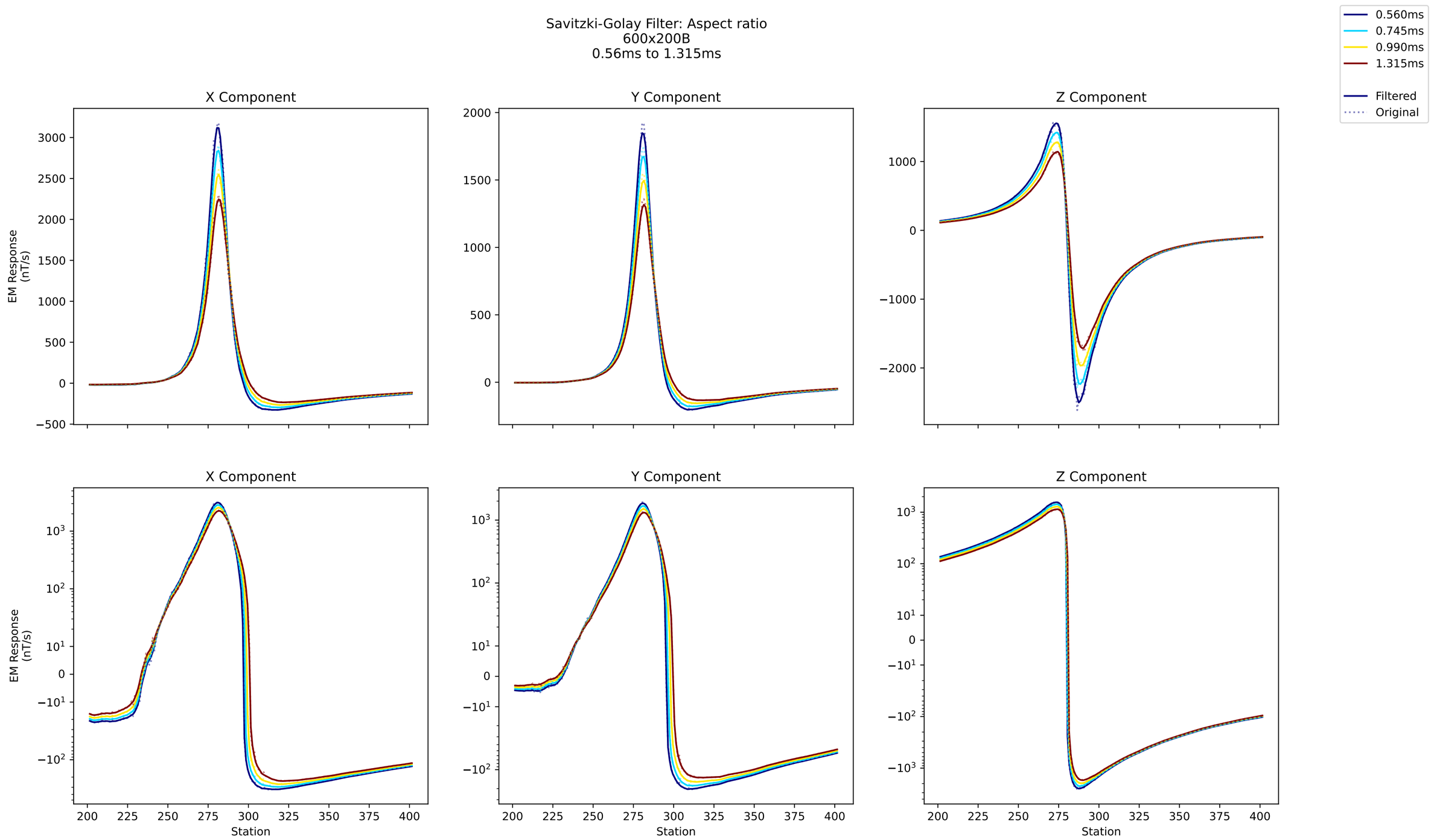
0.560ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
600x200B
0.56ms to 1.315ms
0.560ms
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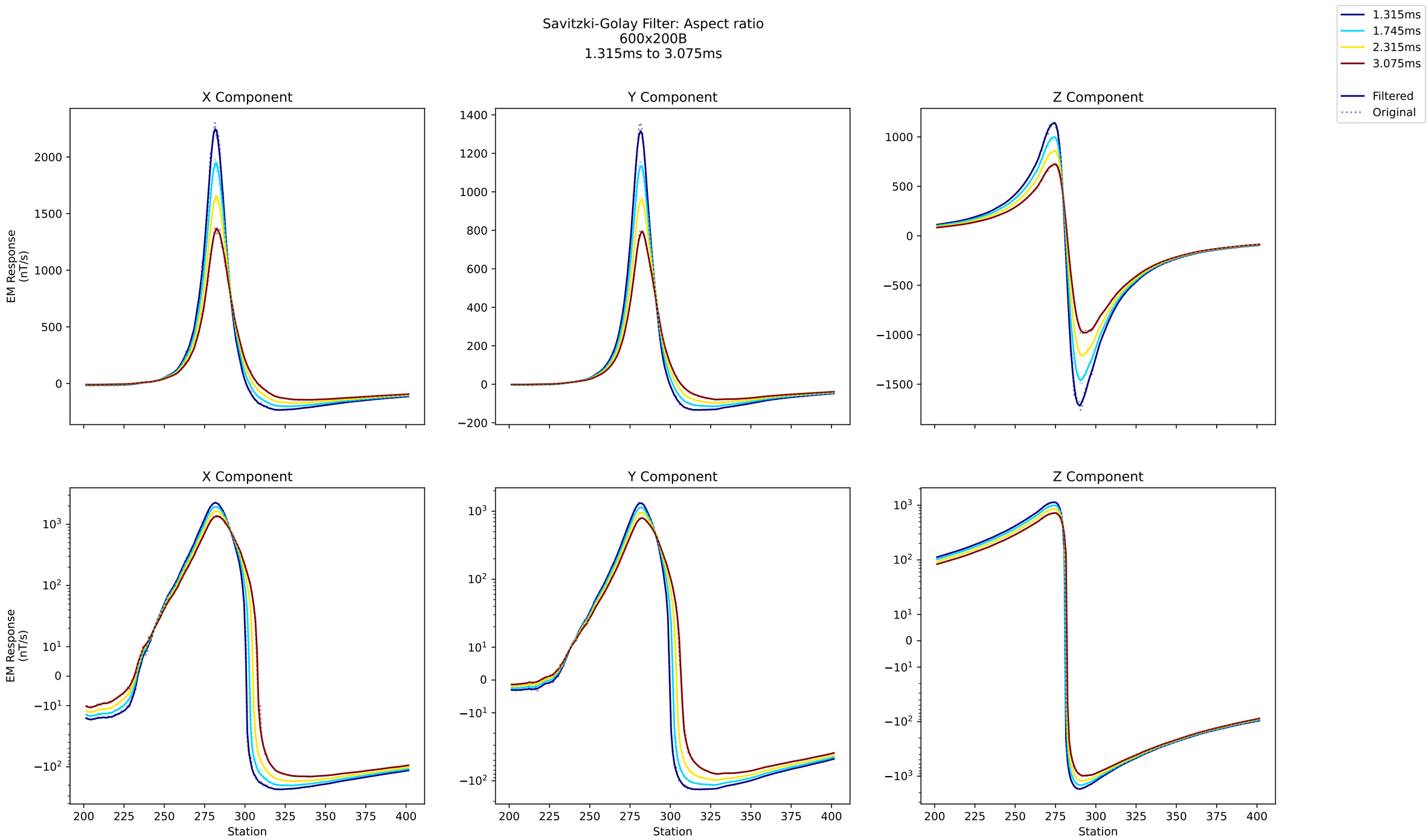
0.990ms
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
600x200B
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1.315ms
1.745ms
2.315ms
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Filtered
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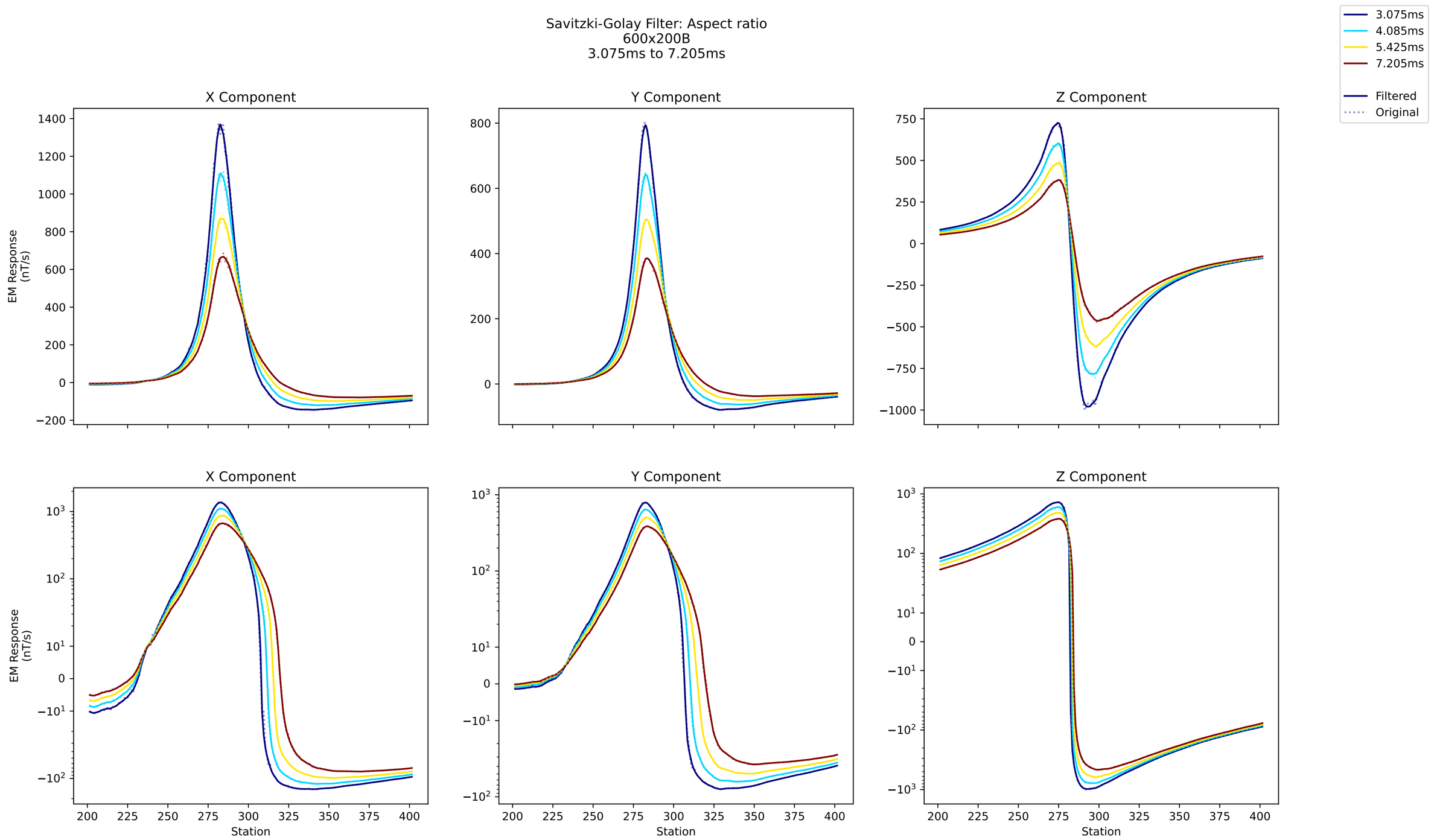
X Component
Y Component
Z Component
EM Response
(nT/s)
EM Response
(nT/s)
Station
Station
Station


Savitzki-Golay Filter: Aspect ratio
600x200B
3.075ms to 7.205ms
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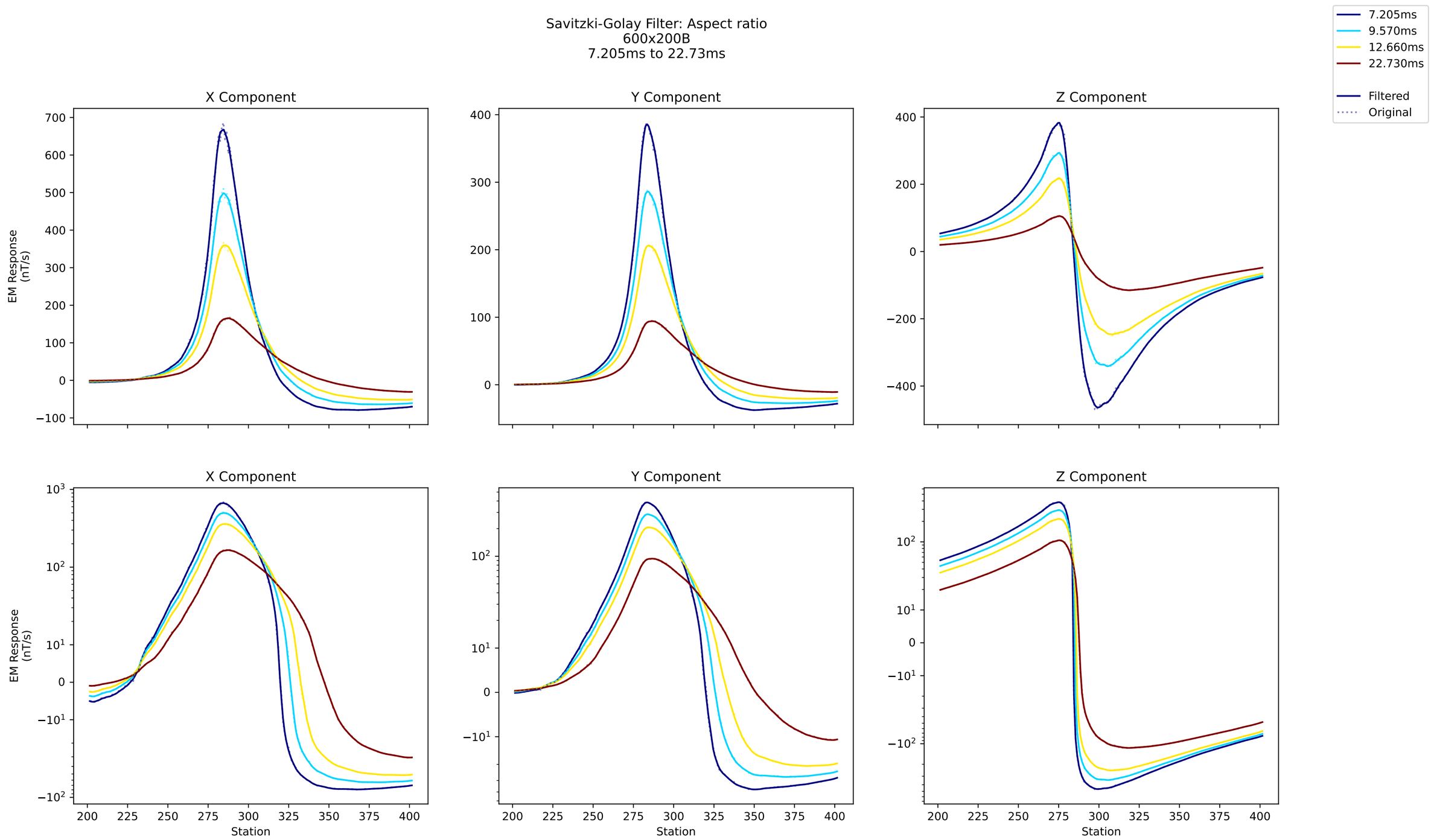
4.085ms
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station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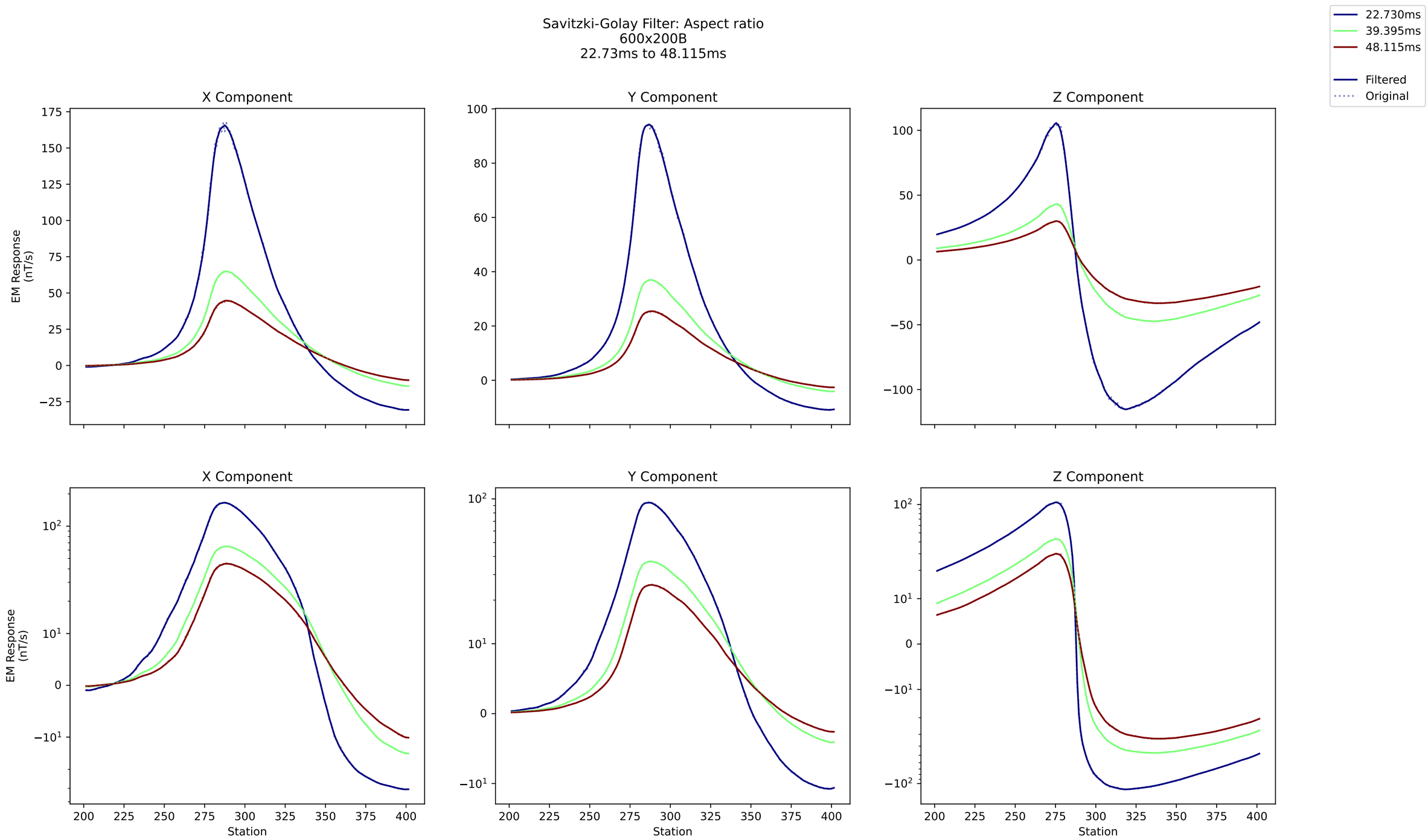
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
600x200B
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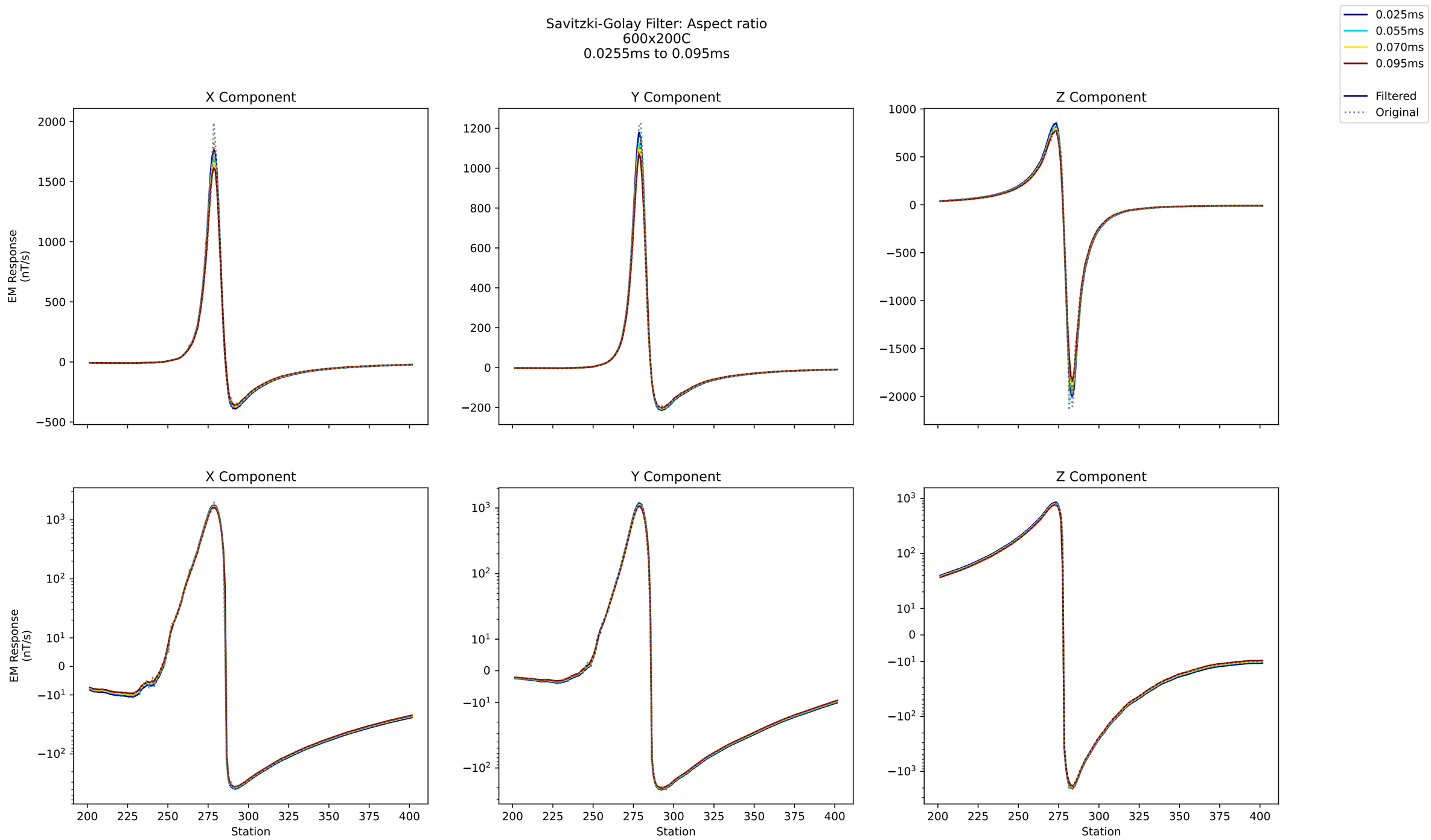
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
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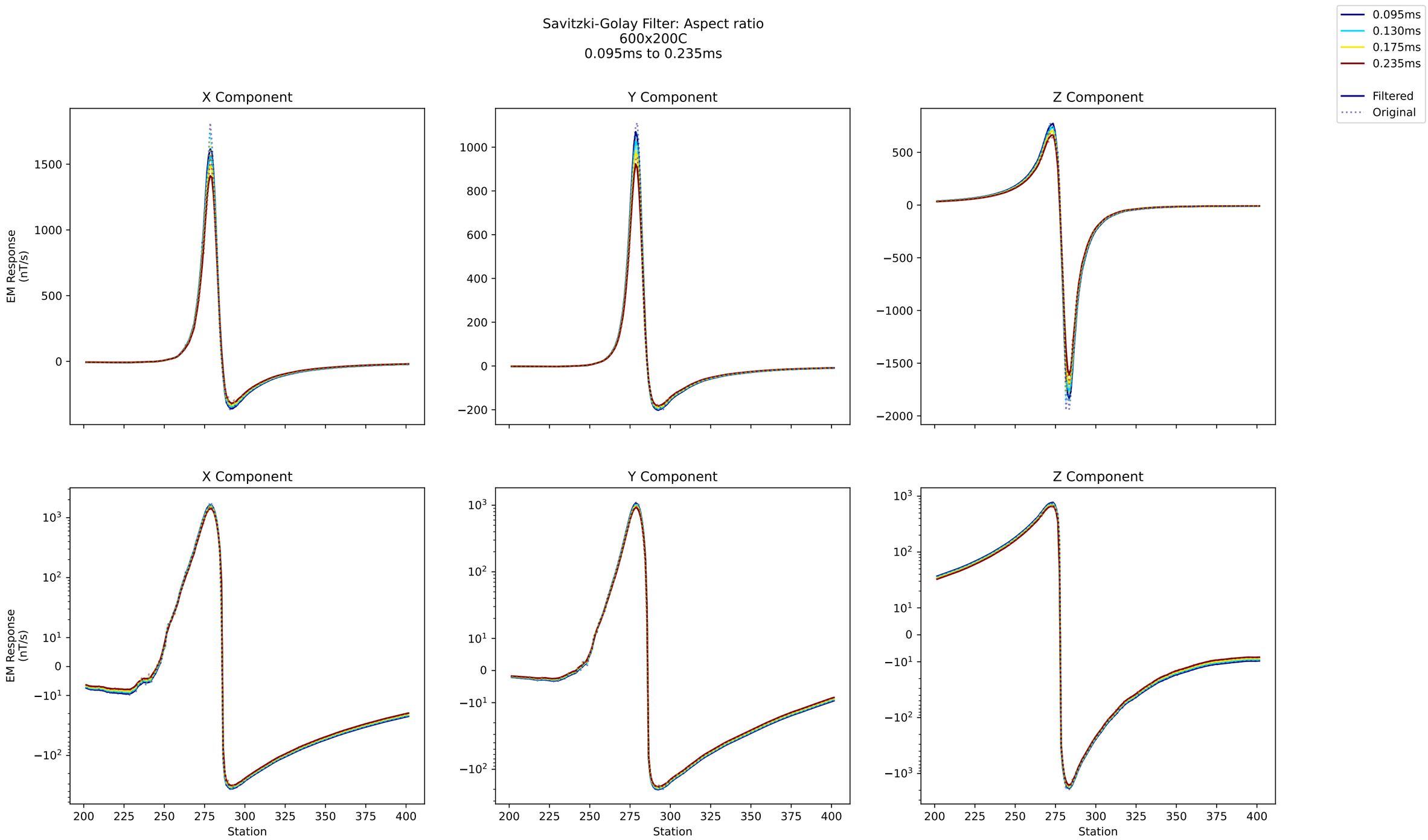
0.095ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station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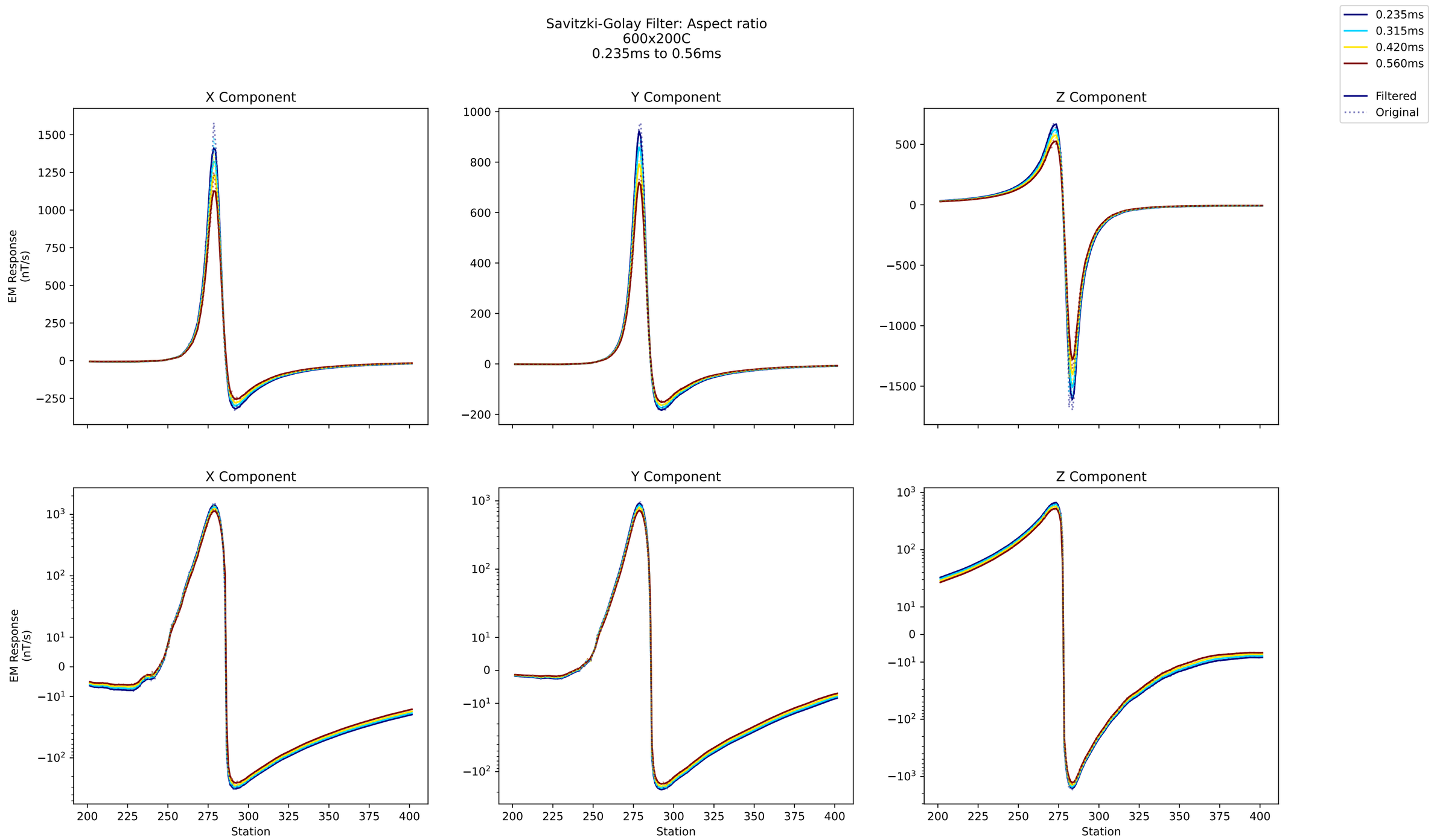
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station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0.235ms to 0.56ms
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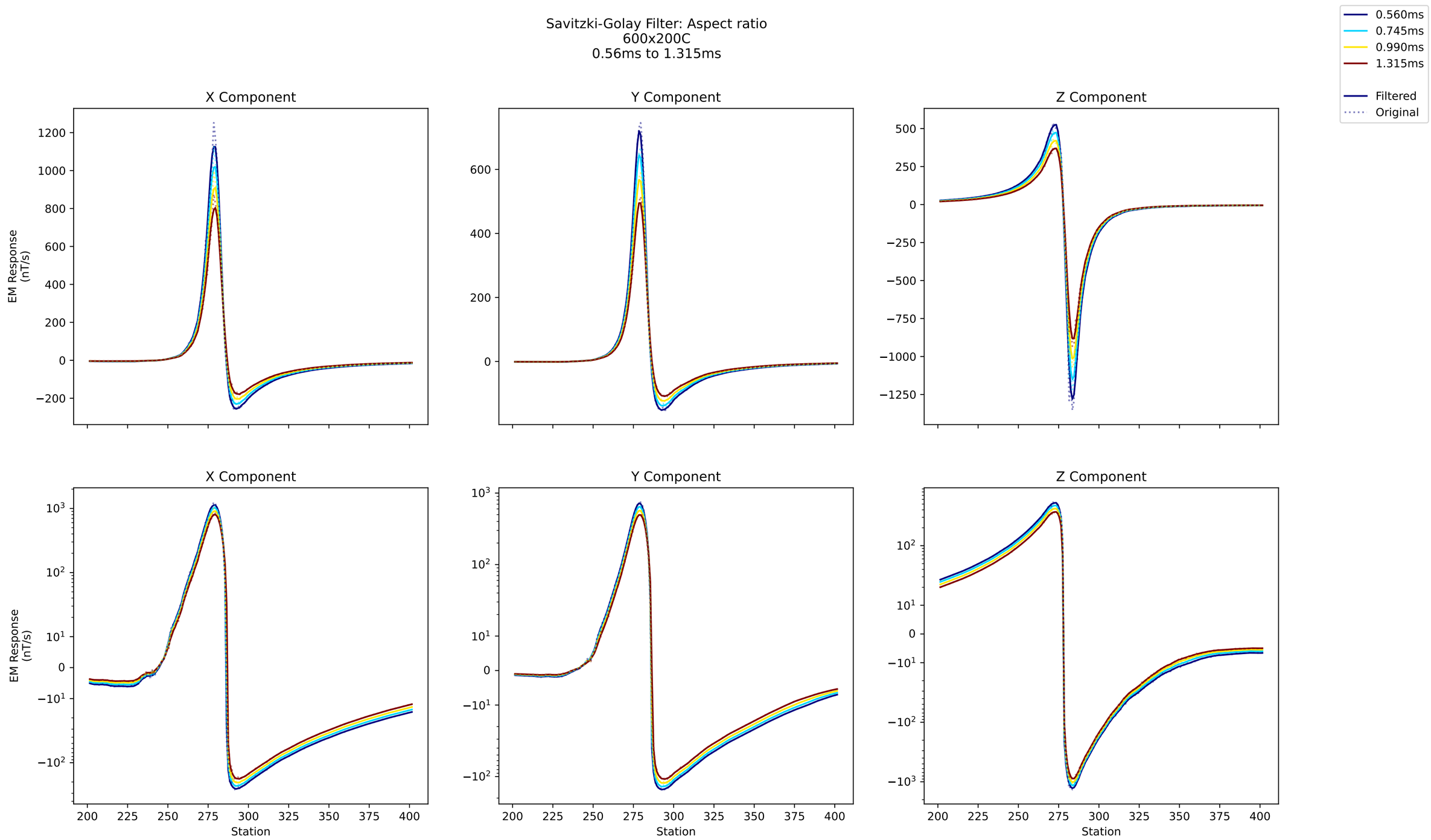
0.560ms
Filtered
Original
X Component
Y Component
Z Component
EM Response (nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
600x200C
0.56ms to 1.315ms
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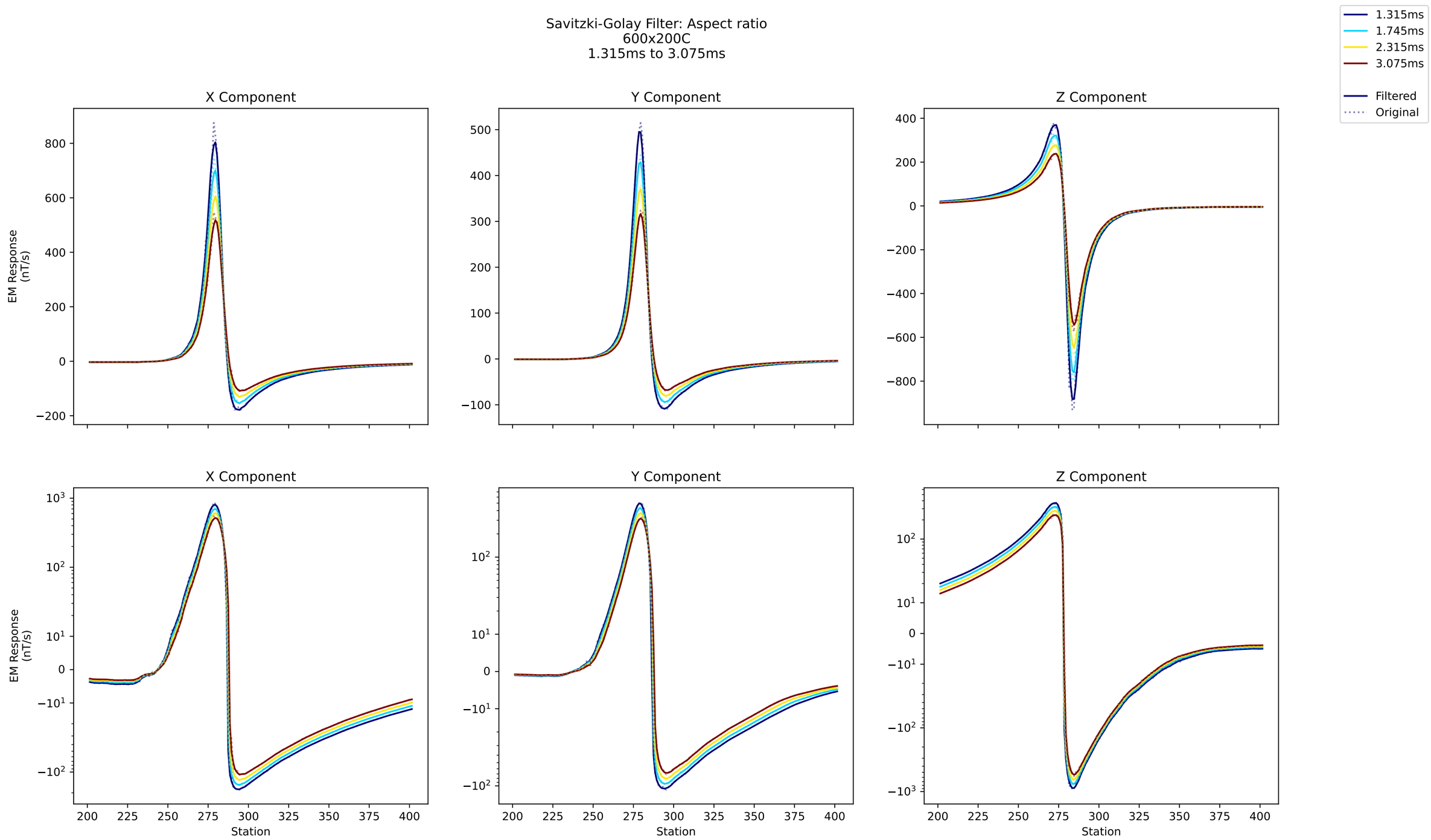
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station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600x200C
1.315ms to 3.075ms
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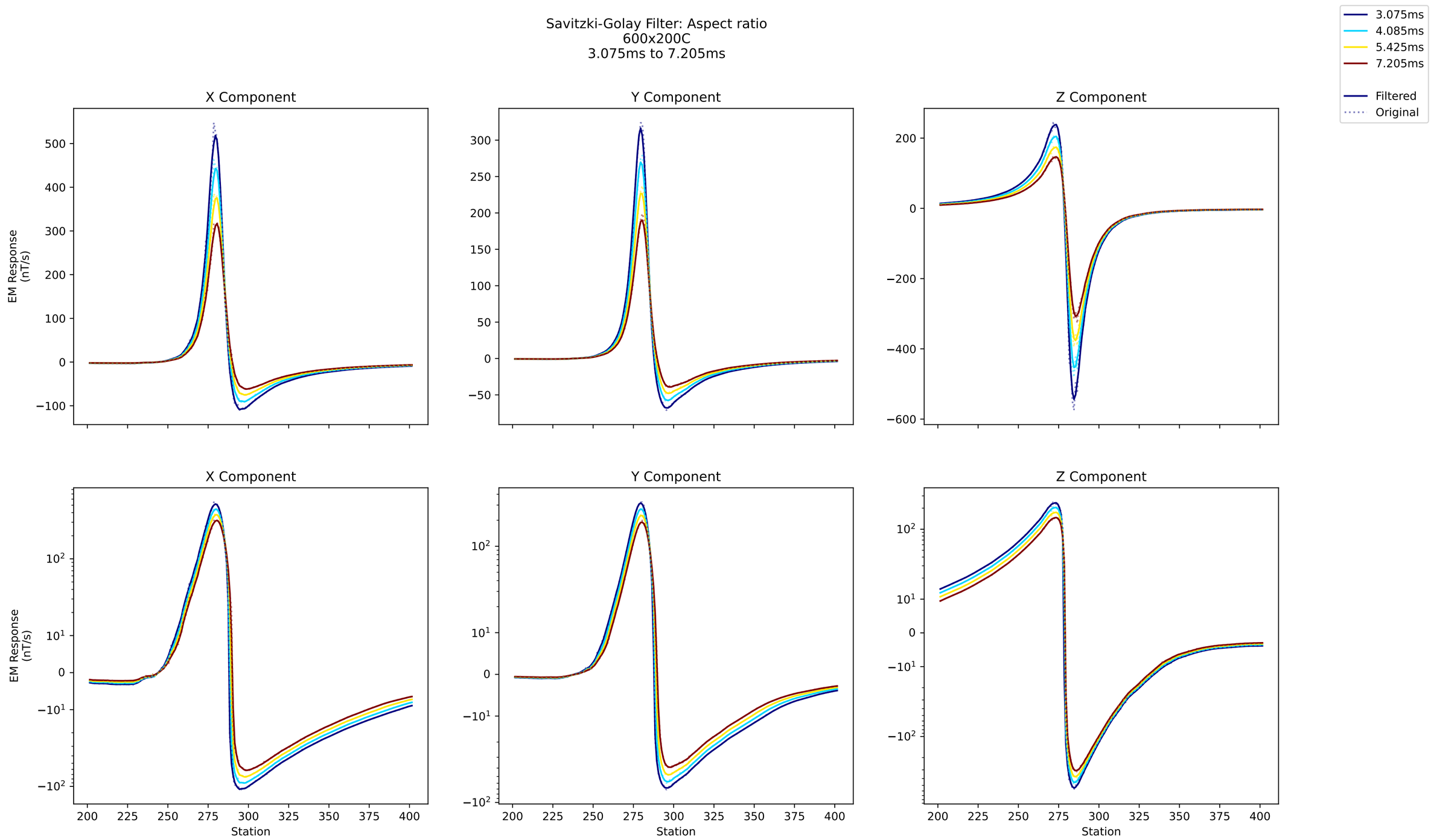
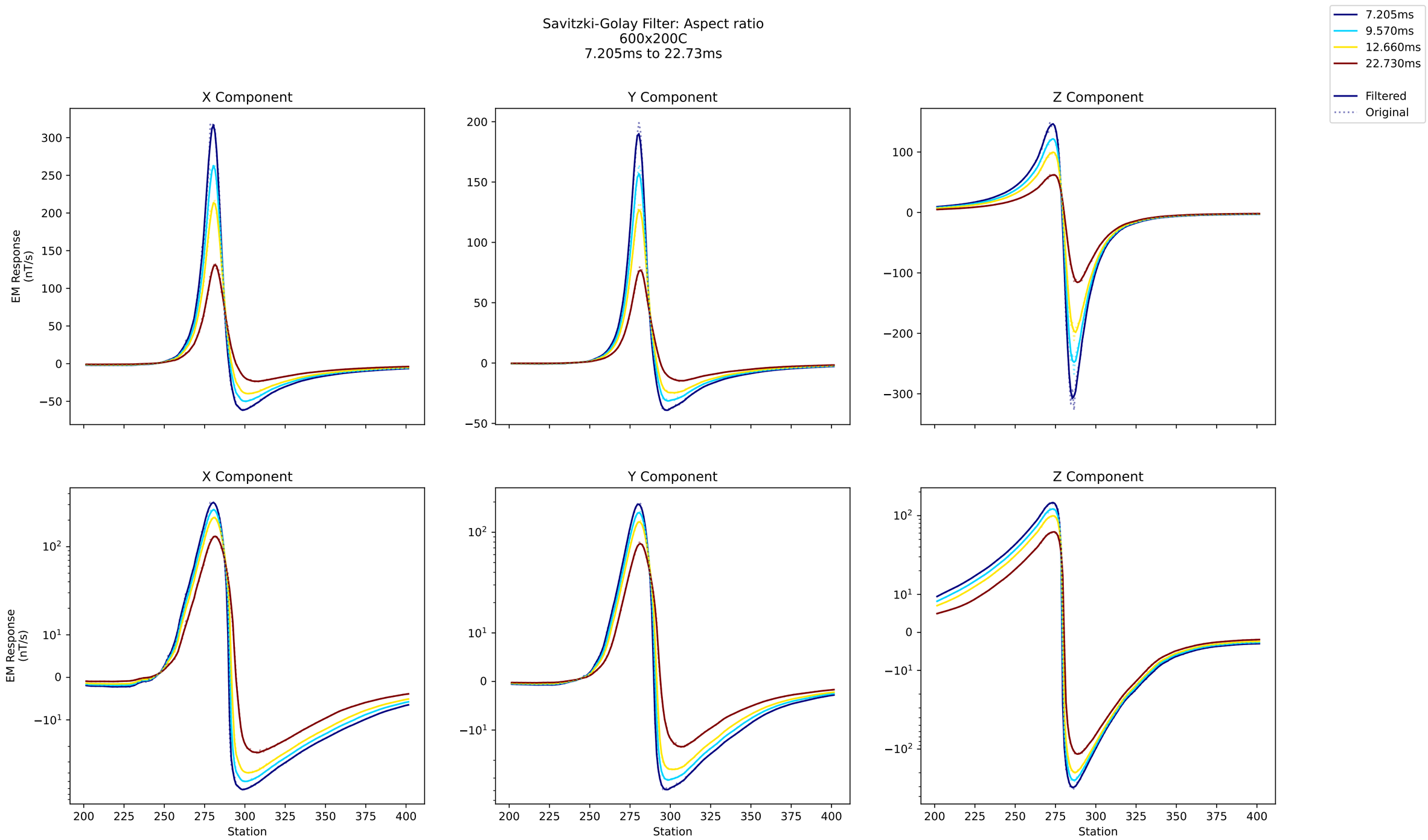
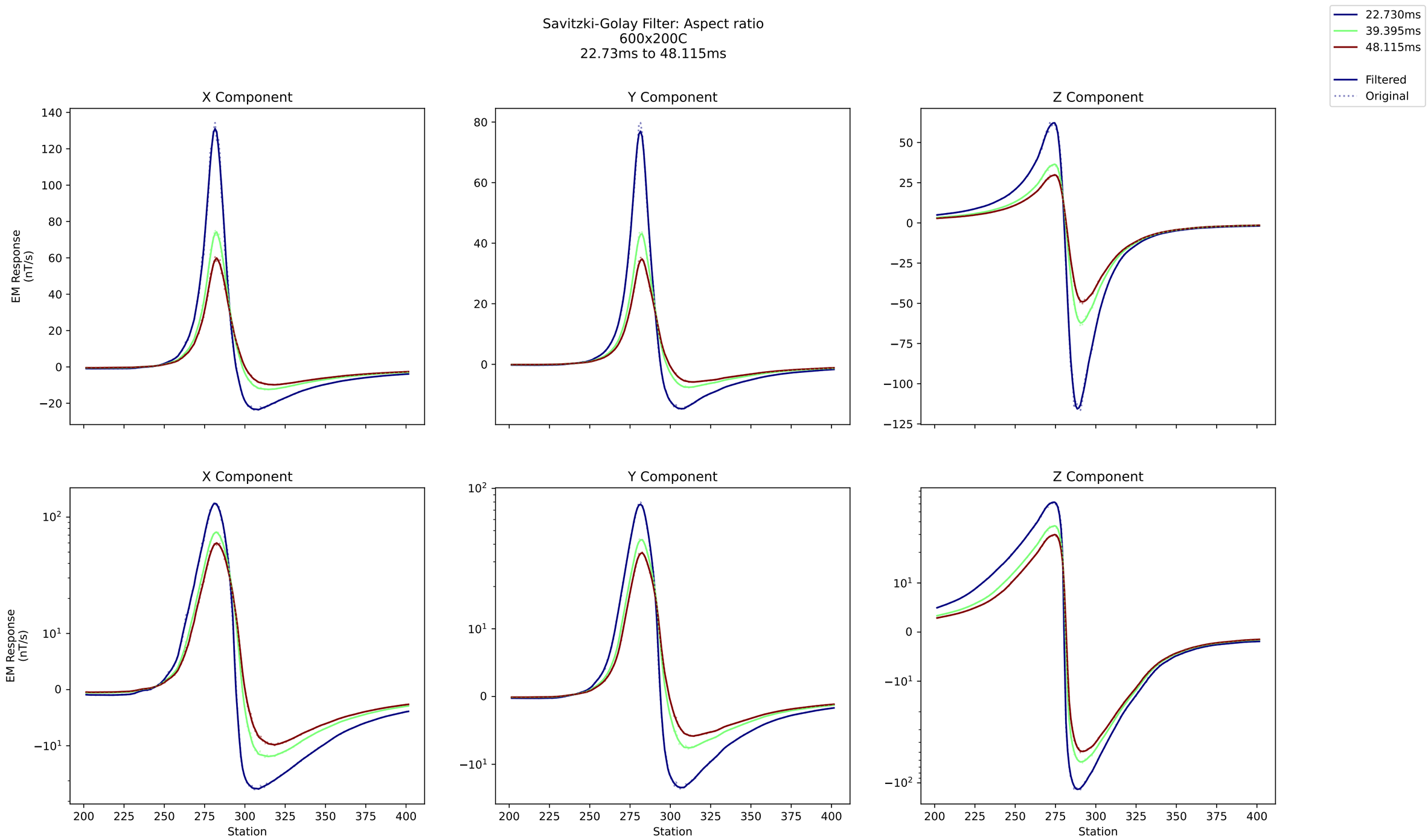
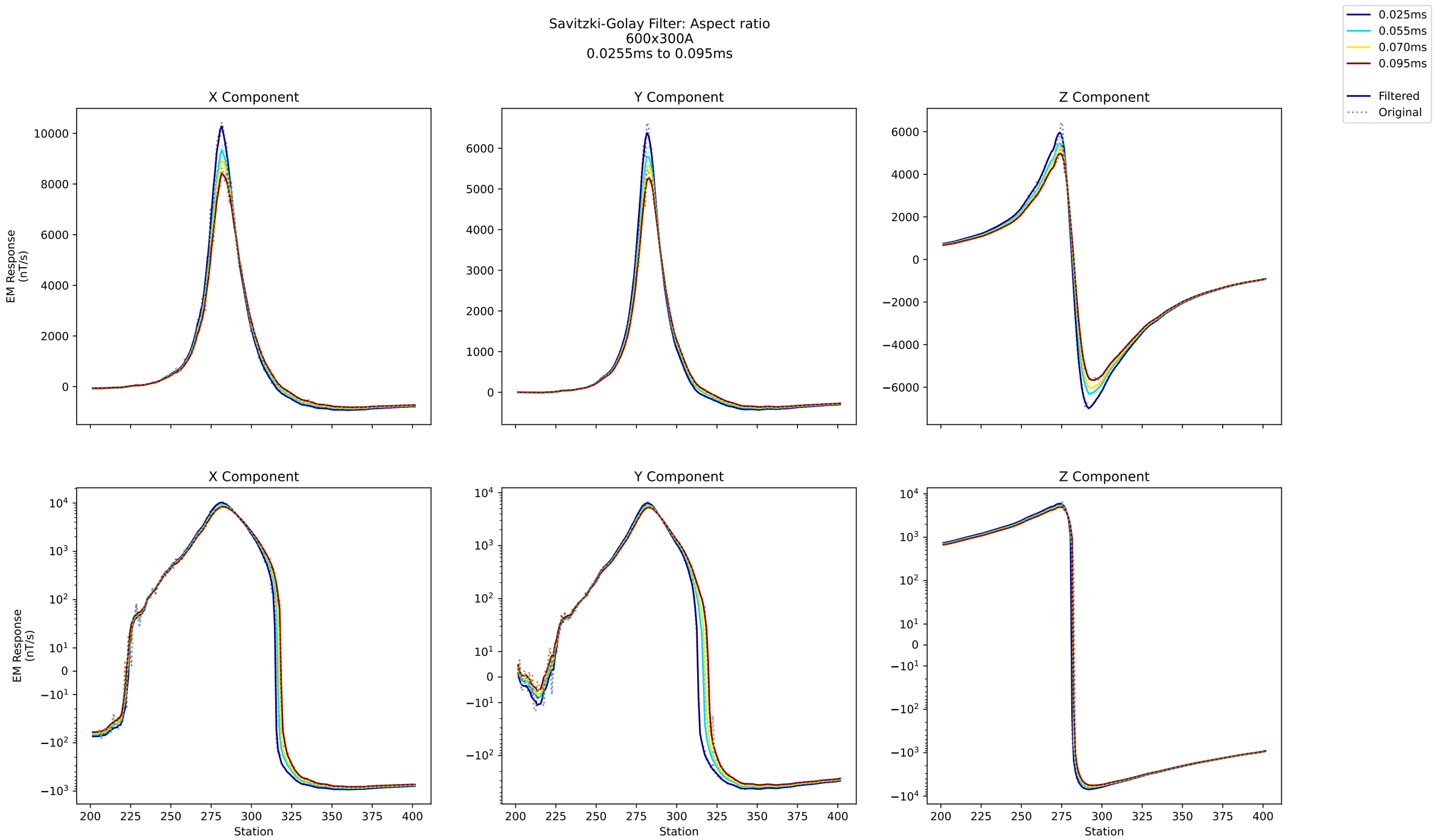
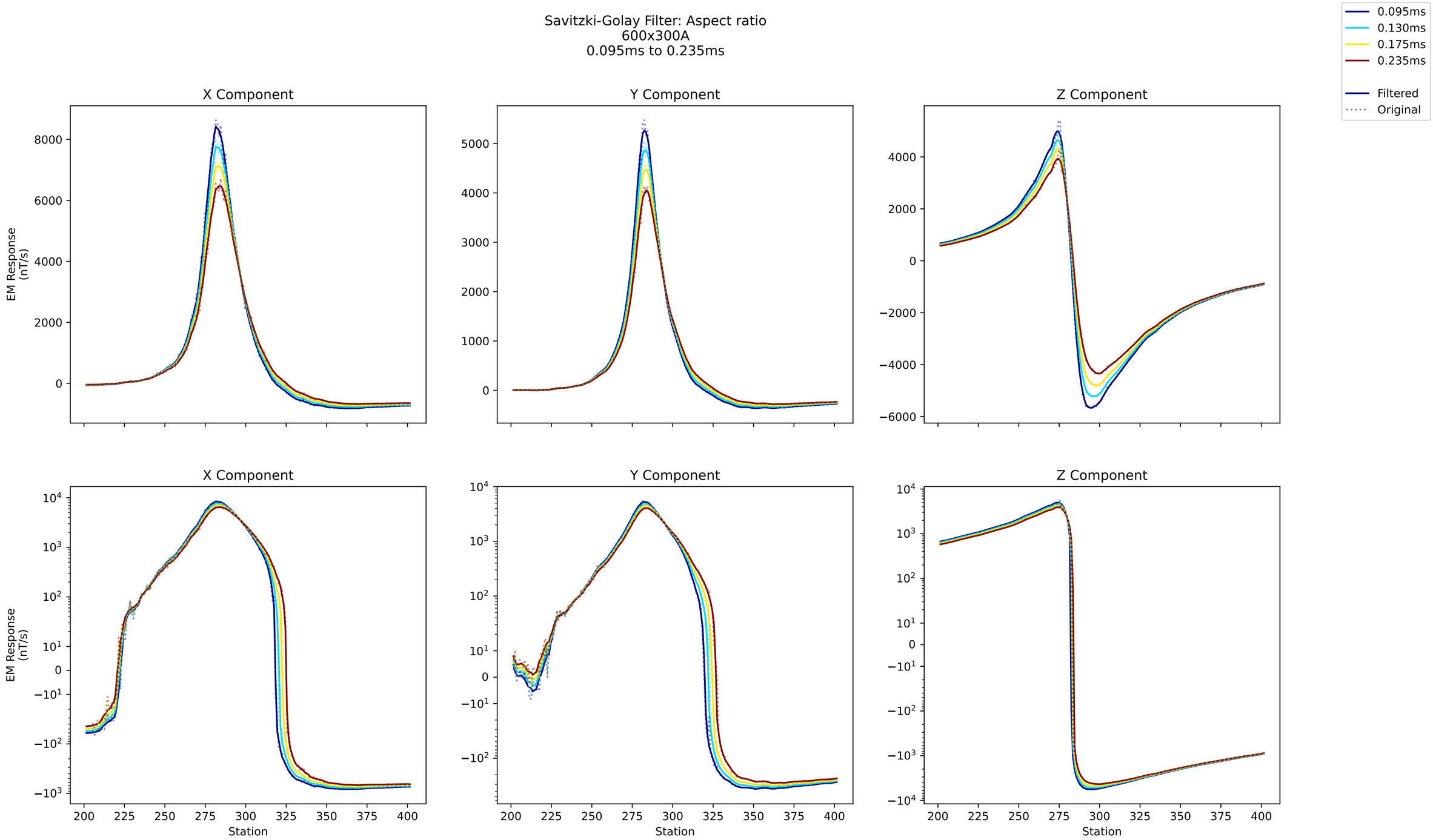
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

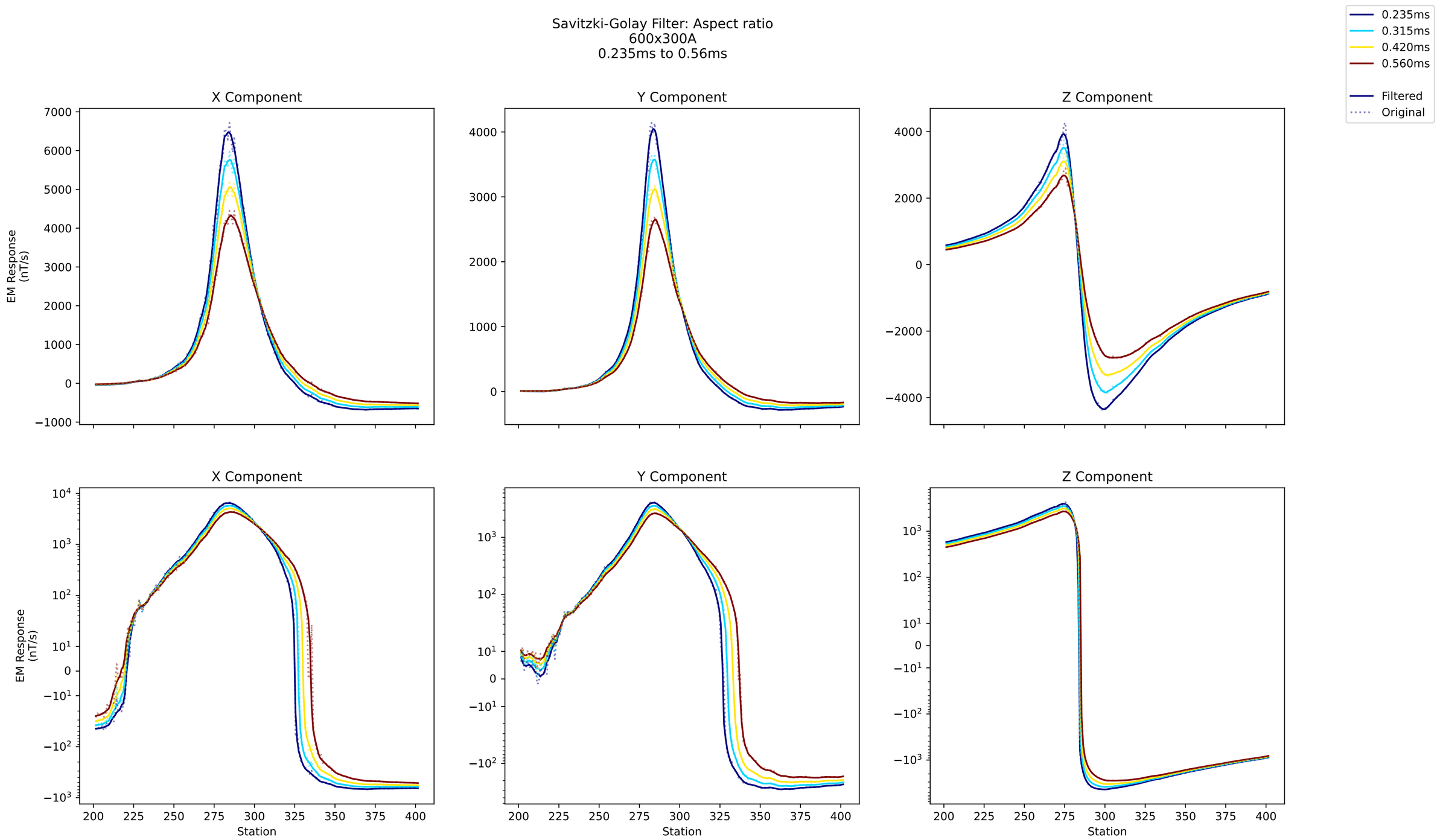

Savitzki-Golay Filter: Aspect ratio
600x200C
3.075ms to 7.205ms
3.075ms
4.085ms
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

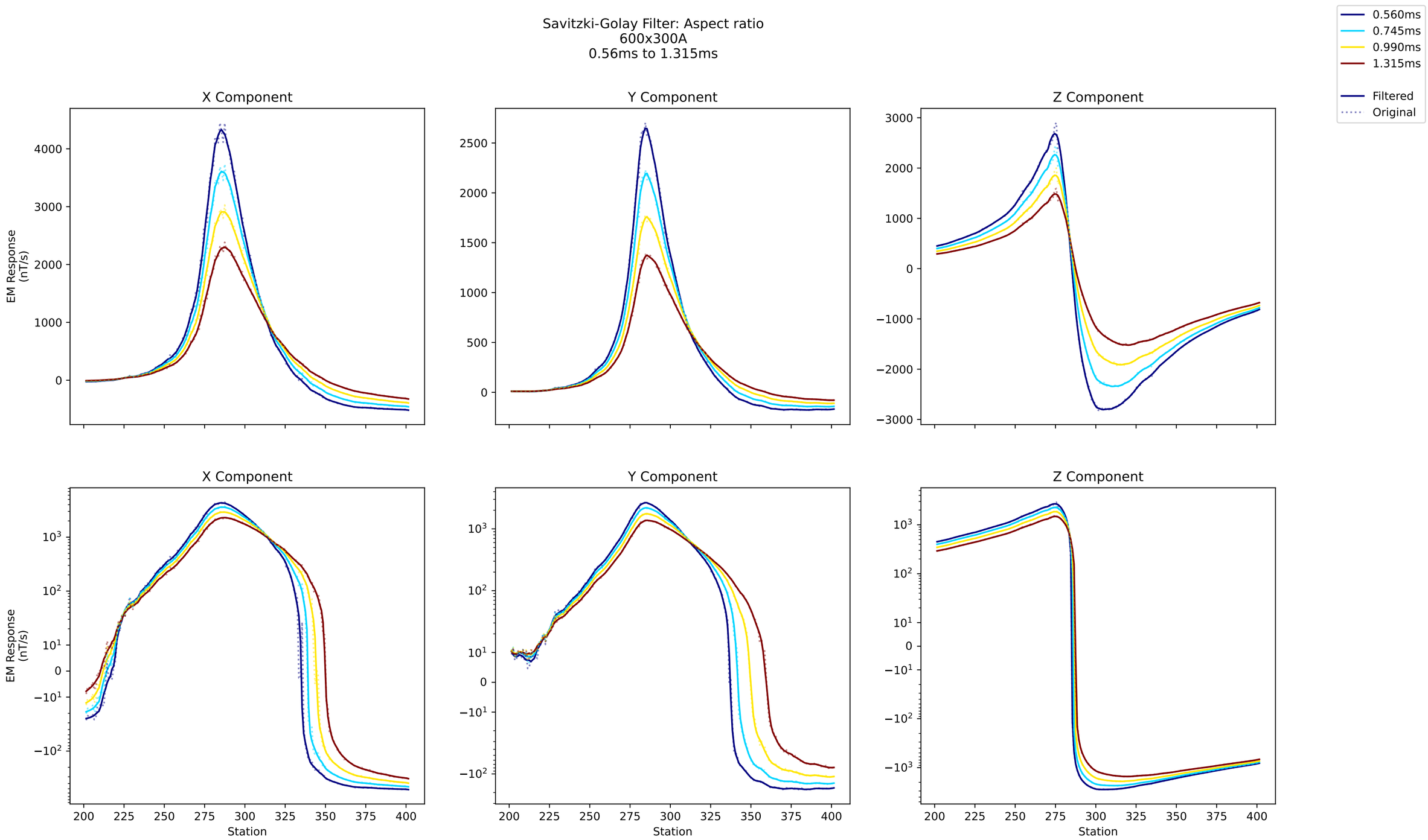

Savitzki-Golay Filter: Aspect ratio
600x200C
7.205ms to 22.73ms
7.205ms
9.570ms
12.660ms
22.730ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

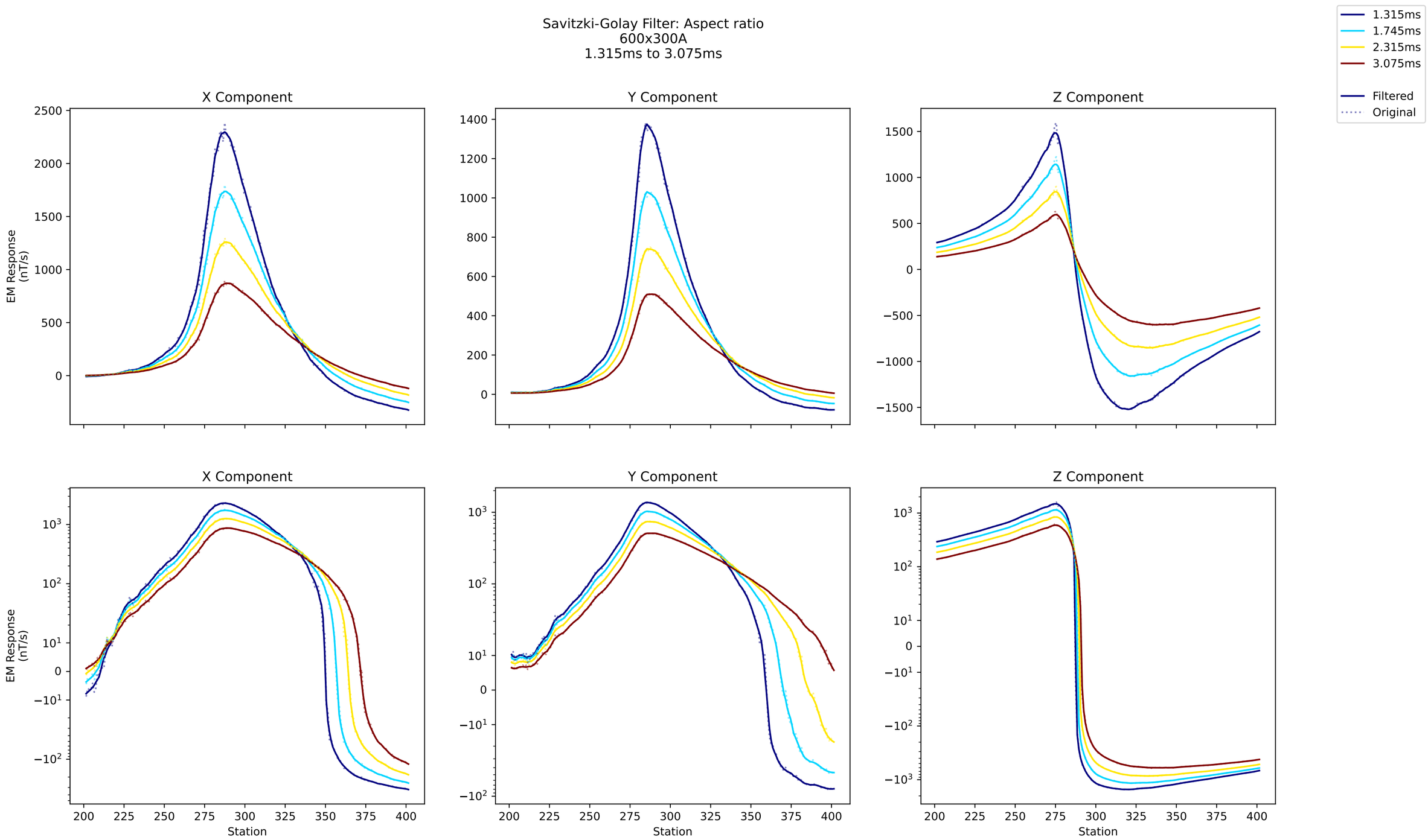

Savitzki-Golay Filter: Aspect ratio
600x200C
22.73ms to 48.115ms
22.730ms
39.395ms
48.115ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

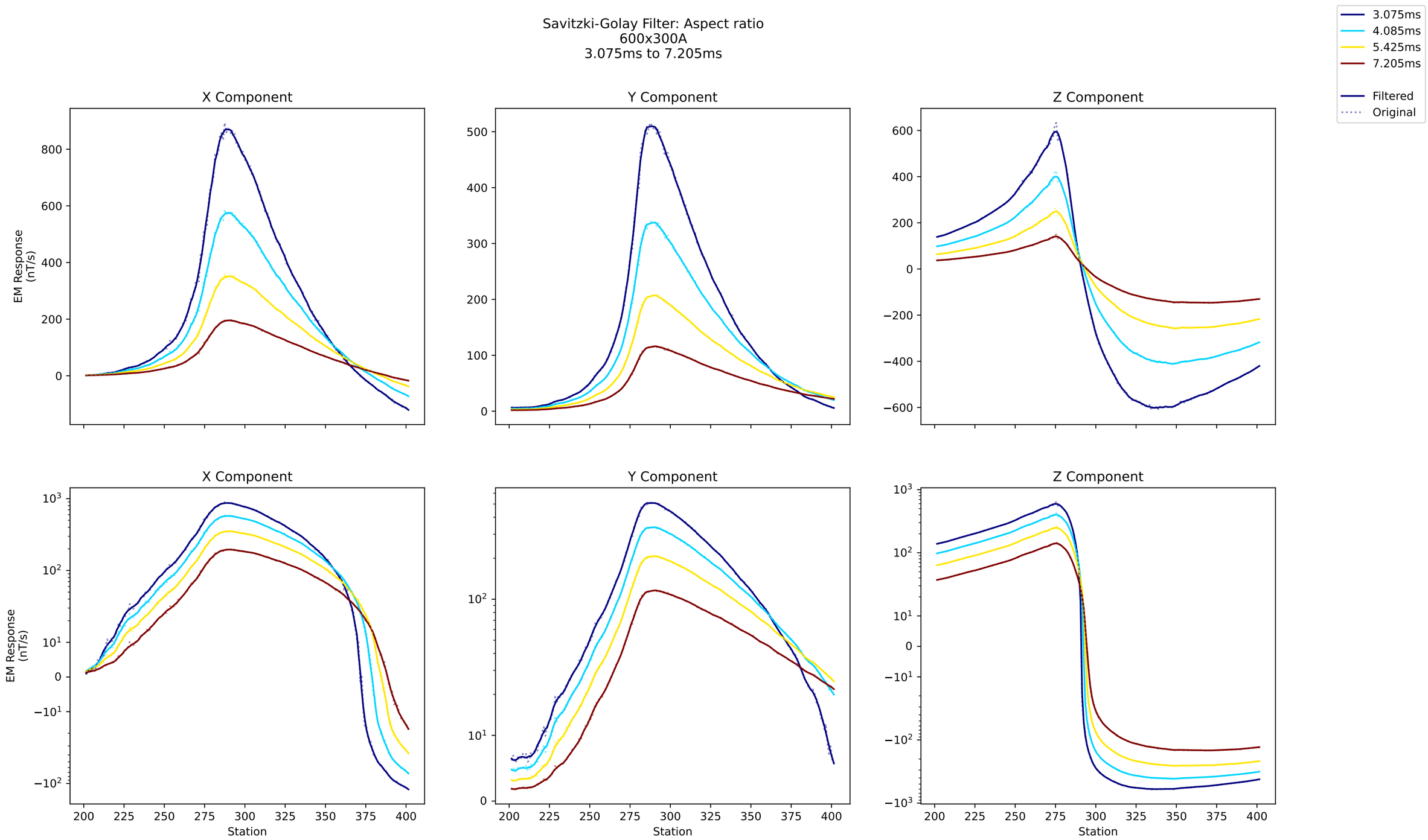

Savitzki-Golay Filter: Aspect ratio
600x300A
0.0255ms to 0.095ms
0.025ms
0.055ms
0.070ms
0.095ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

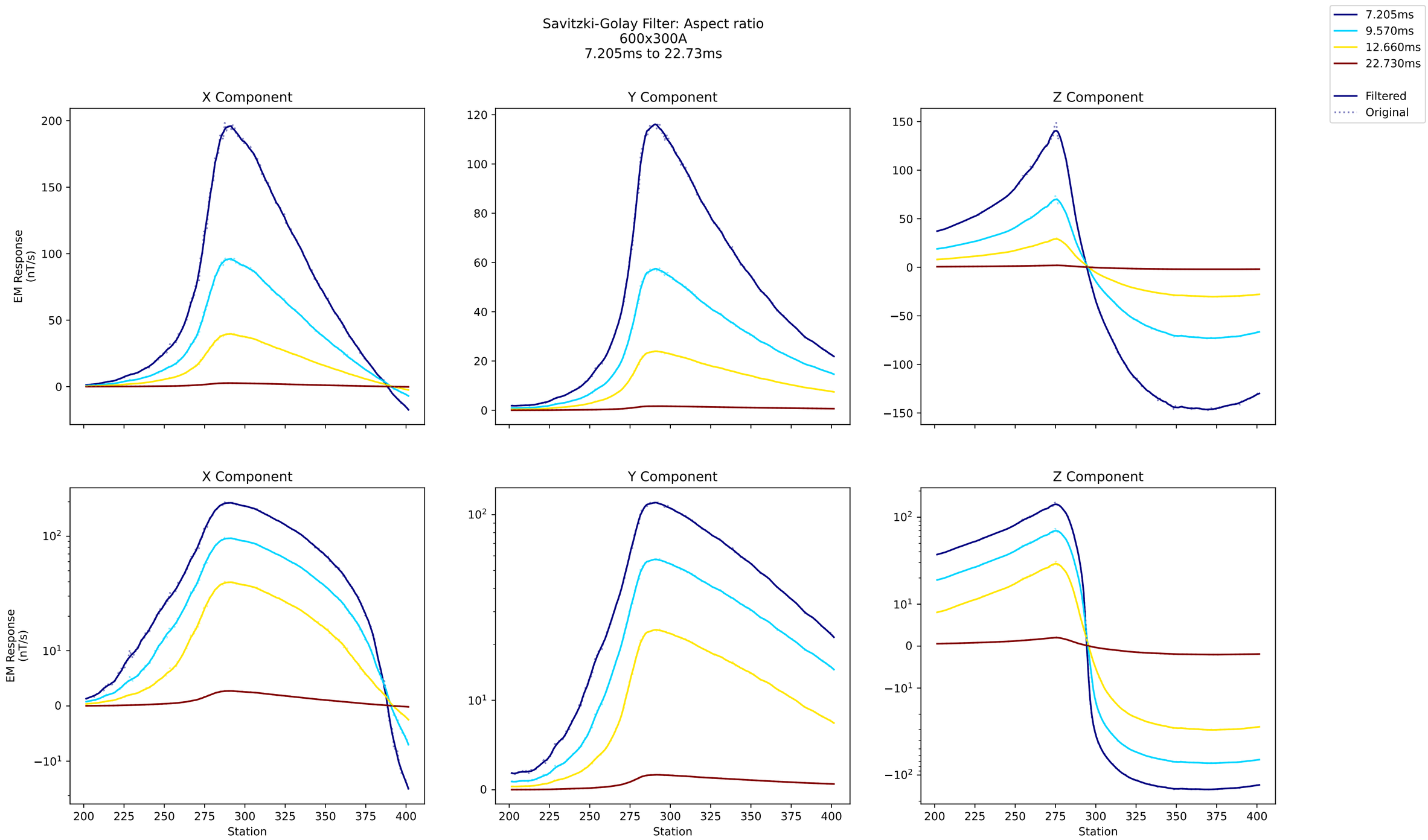

Savitzki-Golay Filter: Aspect ratio
600x300A
0.095ms to 0.235ms
0.095ms
0.130ms
0.175ms
0.235ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

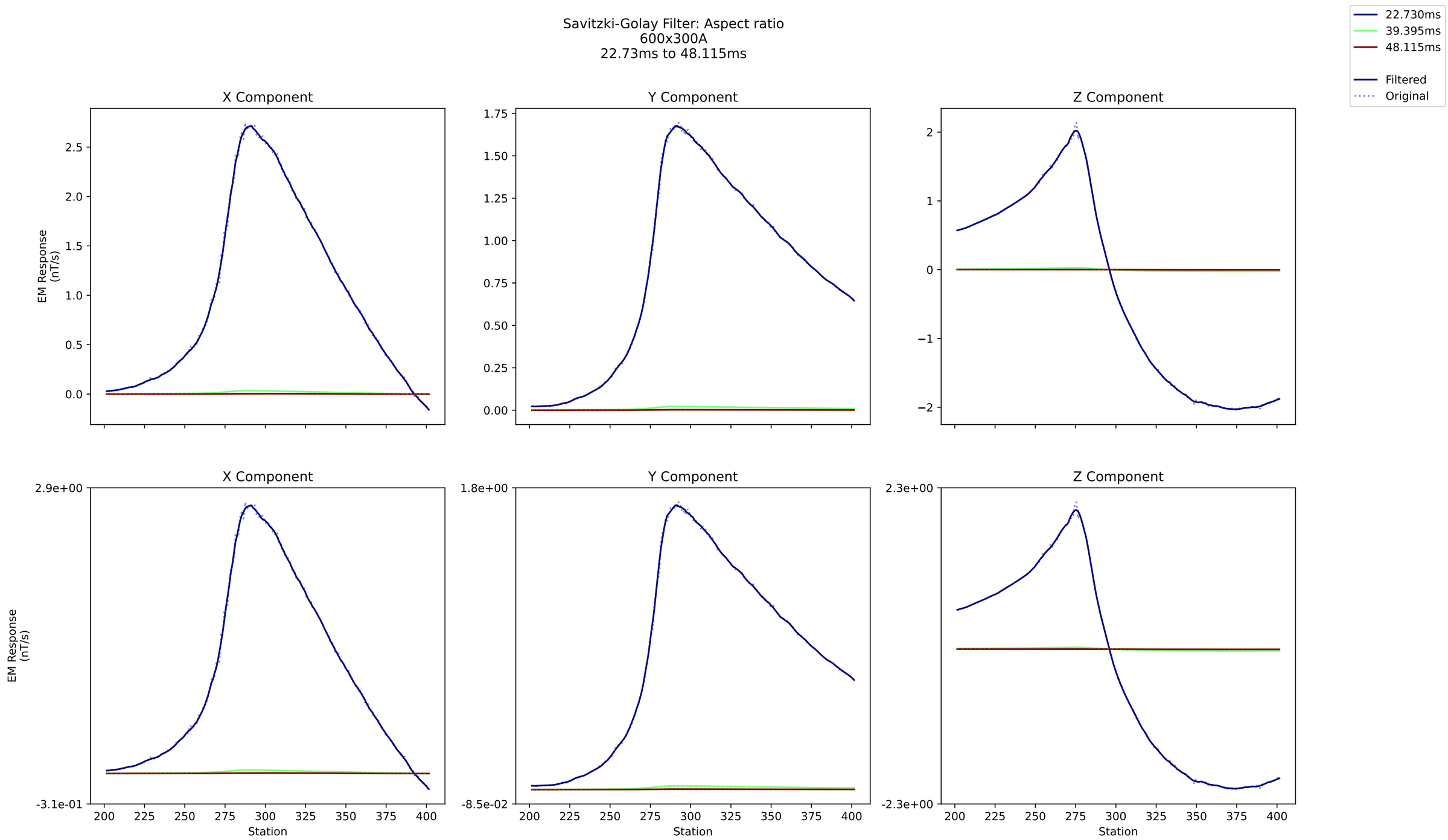

Savitzki-Golay Filter: Aspect ratio
600x300A
0.235ms to 0.56ms
0.235ms
0.315ms
0.420ms
0.560ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

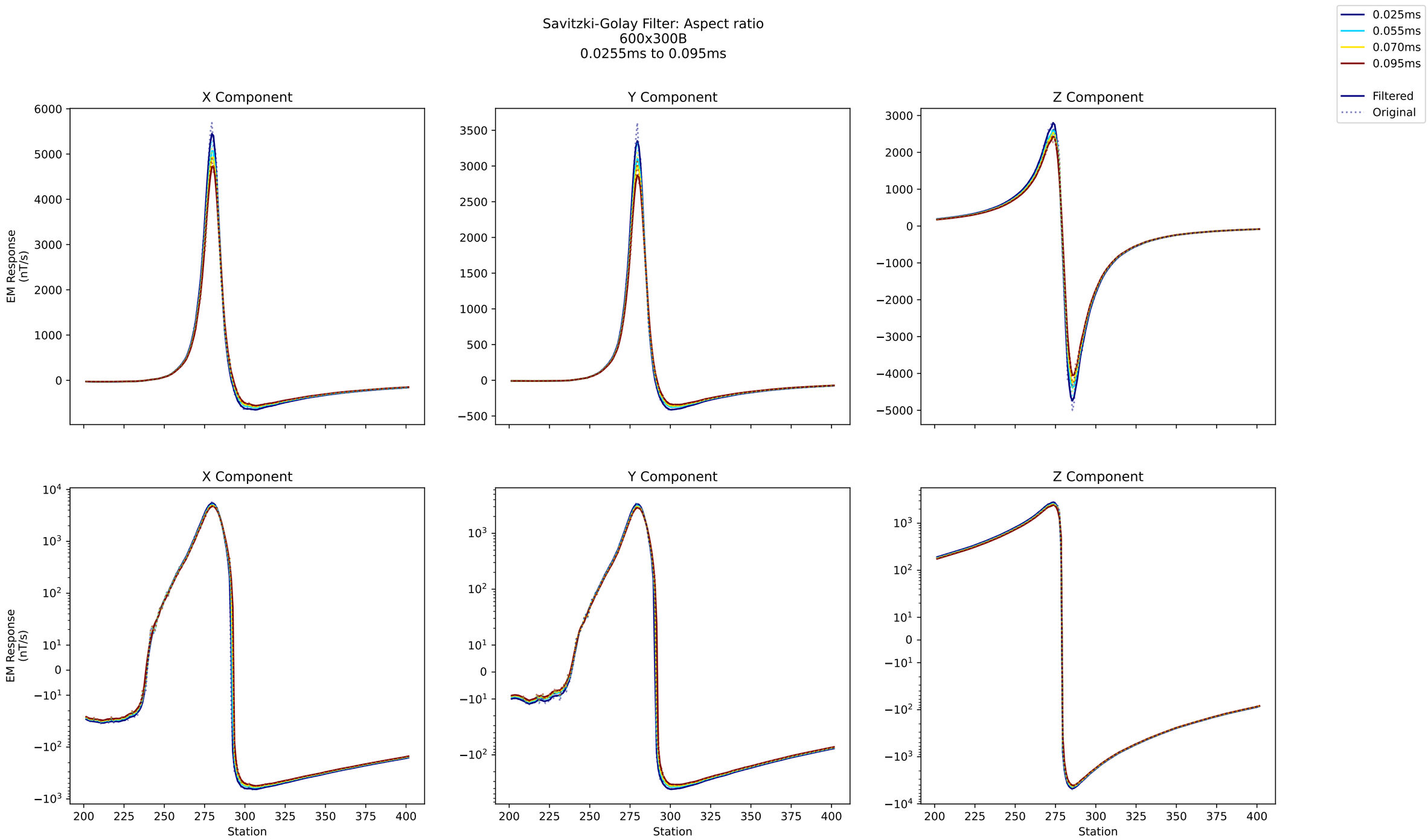

Savitzki-Golay Filter: Aspect ratio
600x300A
0.56ms to 1.315ms
0.560ms
0.745ms
0.990ms
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
600x300A
1.315ms to 3.075ms
1.315ms
1.745ms
2.315ms
3.075ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
600x300A
3.075ms to 7.205ms
3.075ms
4.085ms
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
600x300A
7.205ms to 22.73ms
7.205ms
9.570ms
12.660ms
22.730ms
Filtered
Original
X Component
Y Component
Z Component
EM Response (nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
600x300A
22.73ms to 48.115ms
22.730ms
39.395ms
48.115ms
Filtered
Original
X Component
Y Component
Z Component
EM Response (nT/s)
Station
2.9e+00
-3.1e-01
1.8e+00
-8.5e-02
2.3e+00
-2.3e+00


Savitzki-Golay Filter: Aspect ratio
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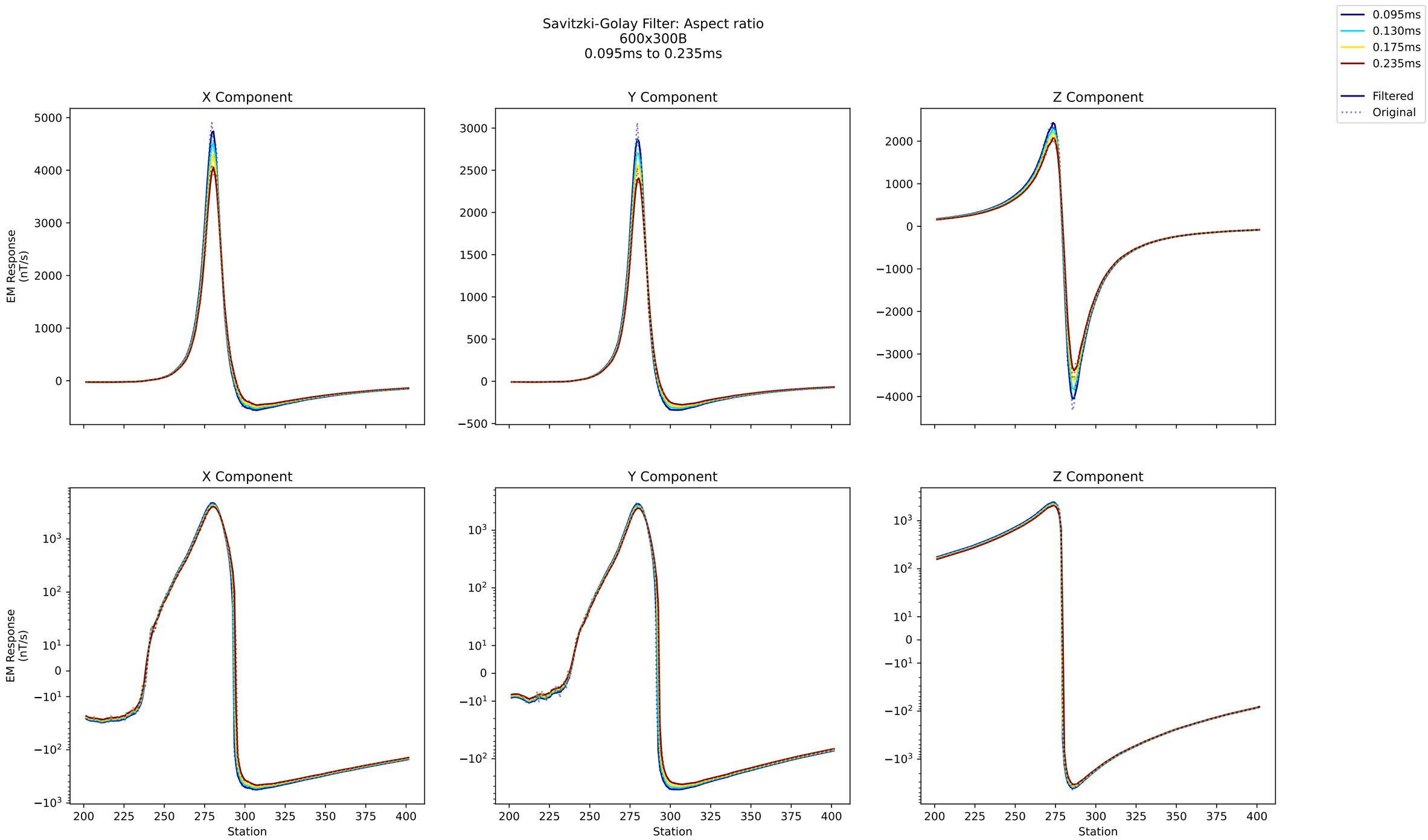
0.025ms
0.055ms
0.070ms
0.095ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
EM Response
(nT/s)
Station
Station
Station


Savitzki-Golay Filter: Aspect ratio
600x300B
0.095ms to 0.235ms
0.095ms
0.130ms
0.175ms
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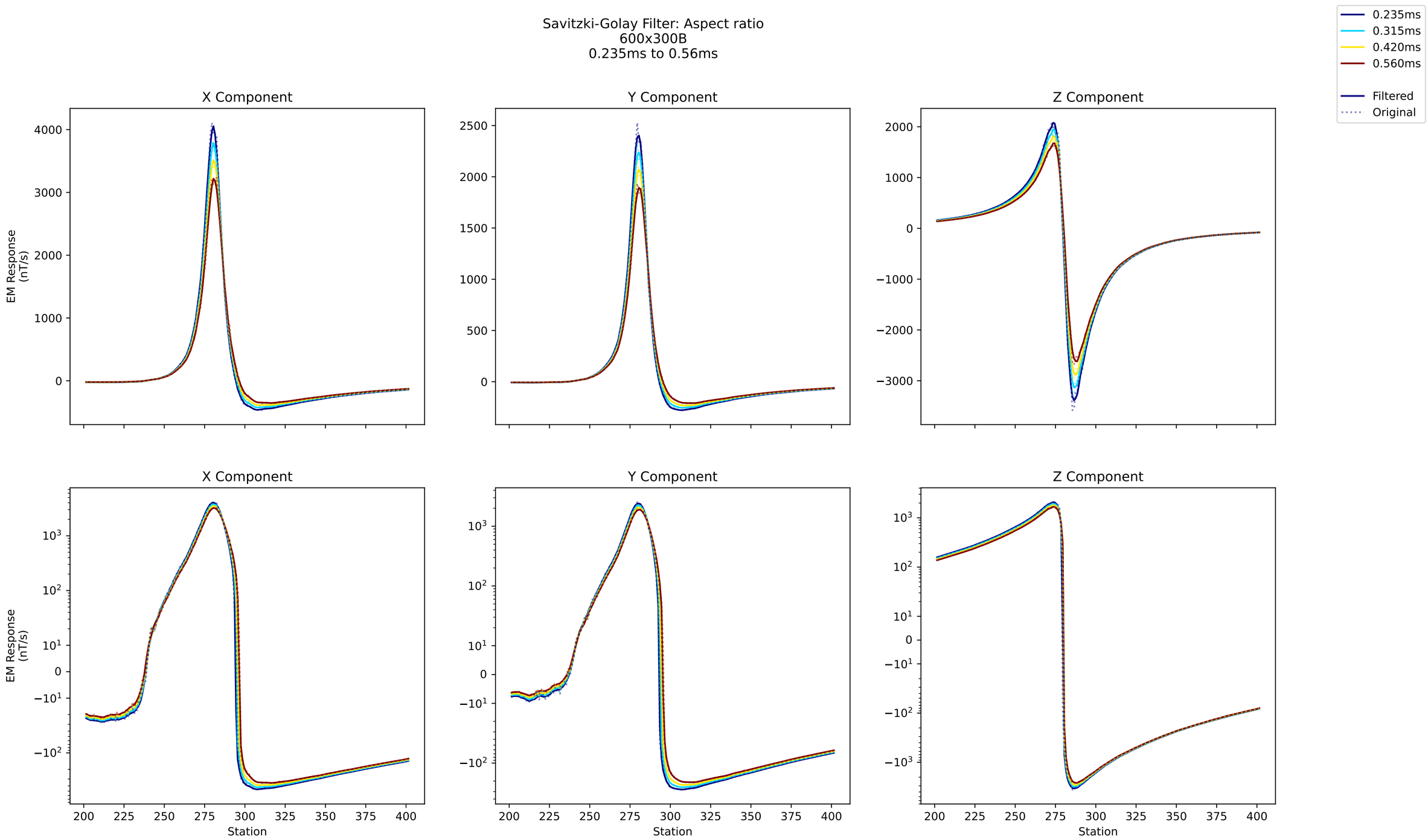
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
EM Response
(nT/s)
Station
Station
Station


Savitzki-Golay Filter: Aspect ratio
600x300B
0.235ms to 0.56ms
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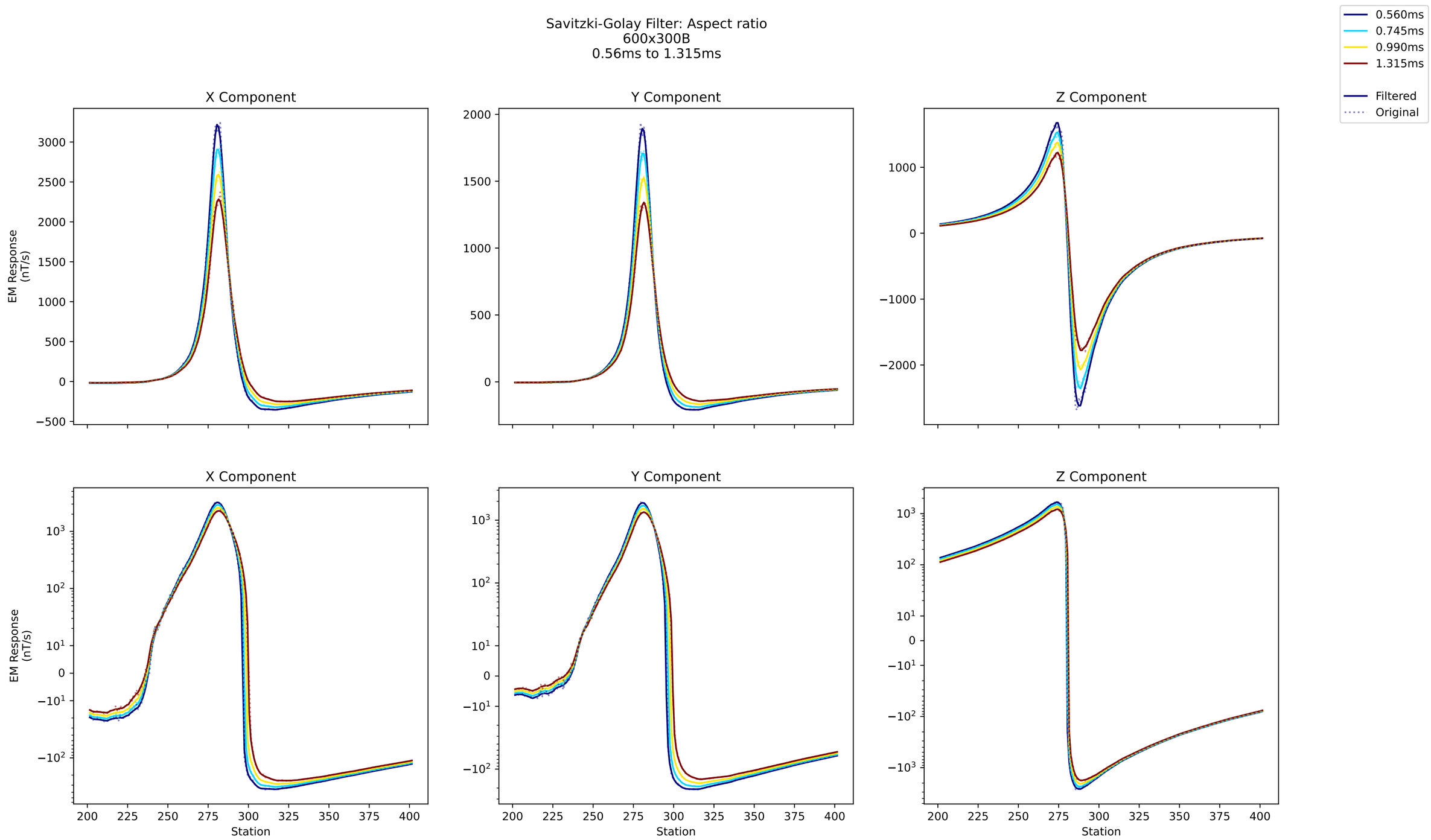
0.315ms
0.420ms
0.560ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
600x300B
0.56ms to 1.315ms
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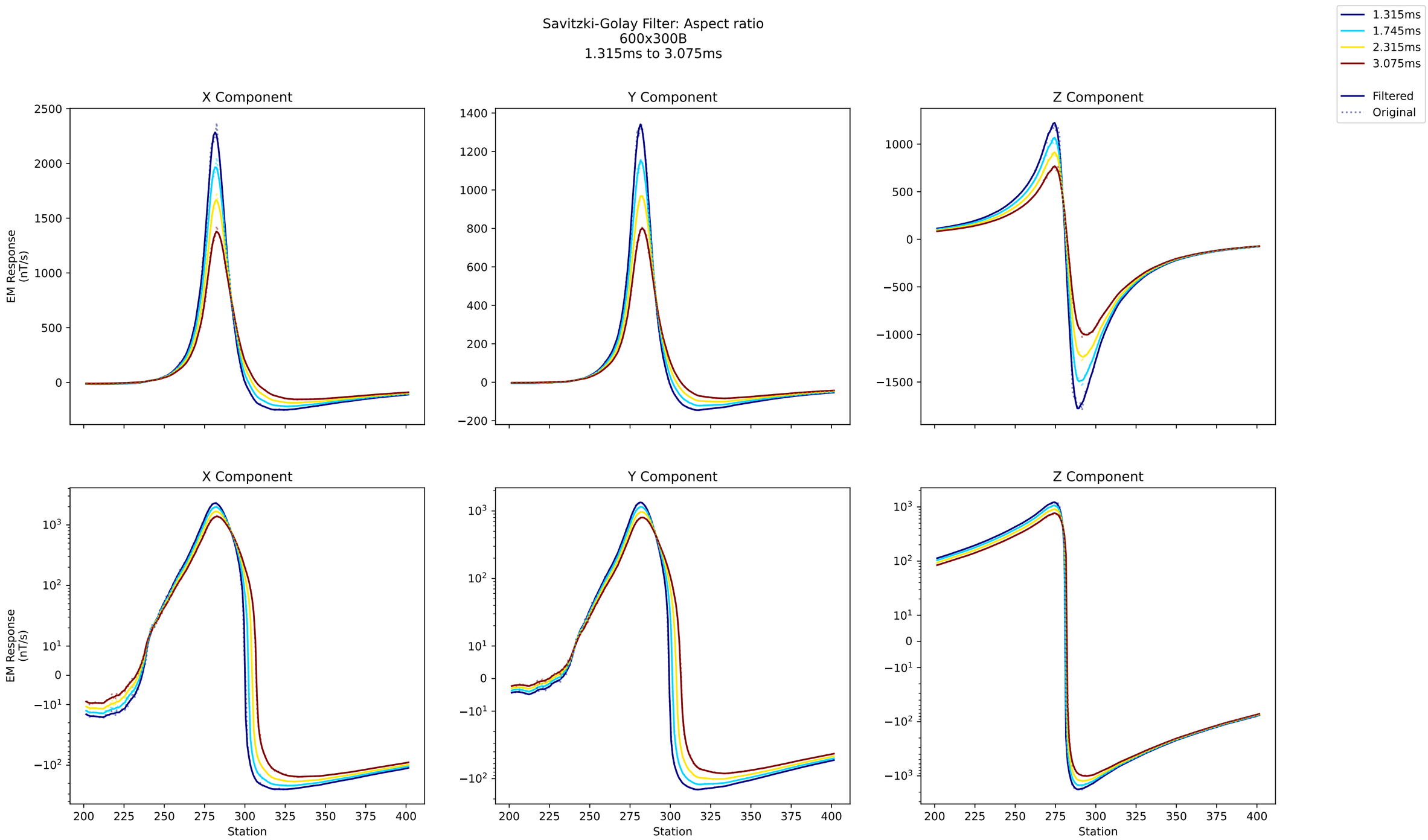
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
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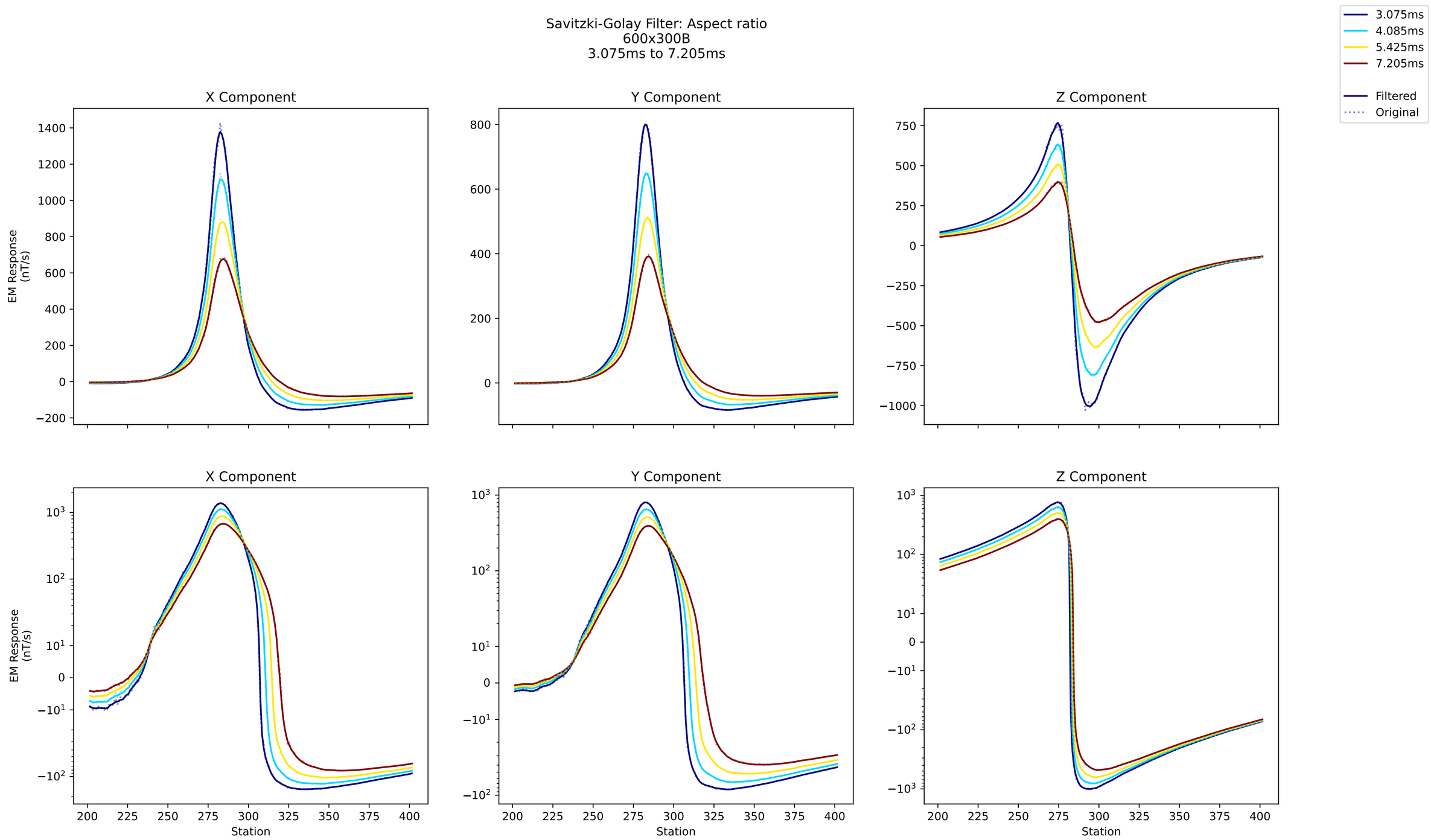
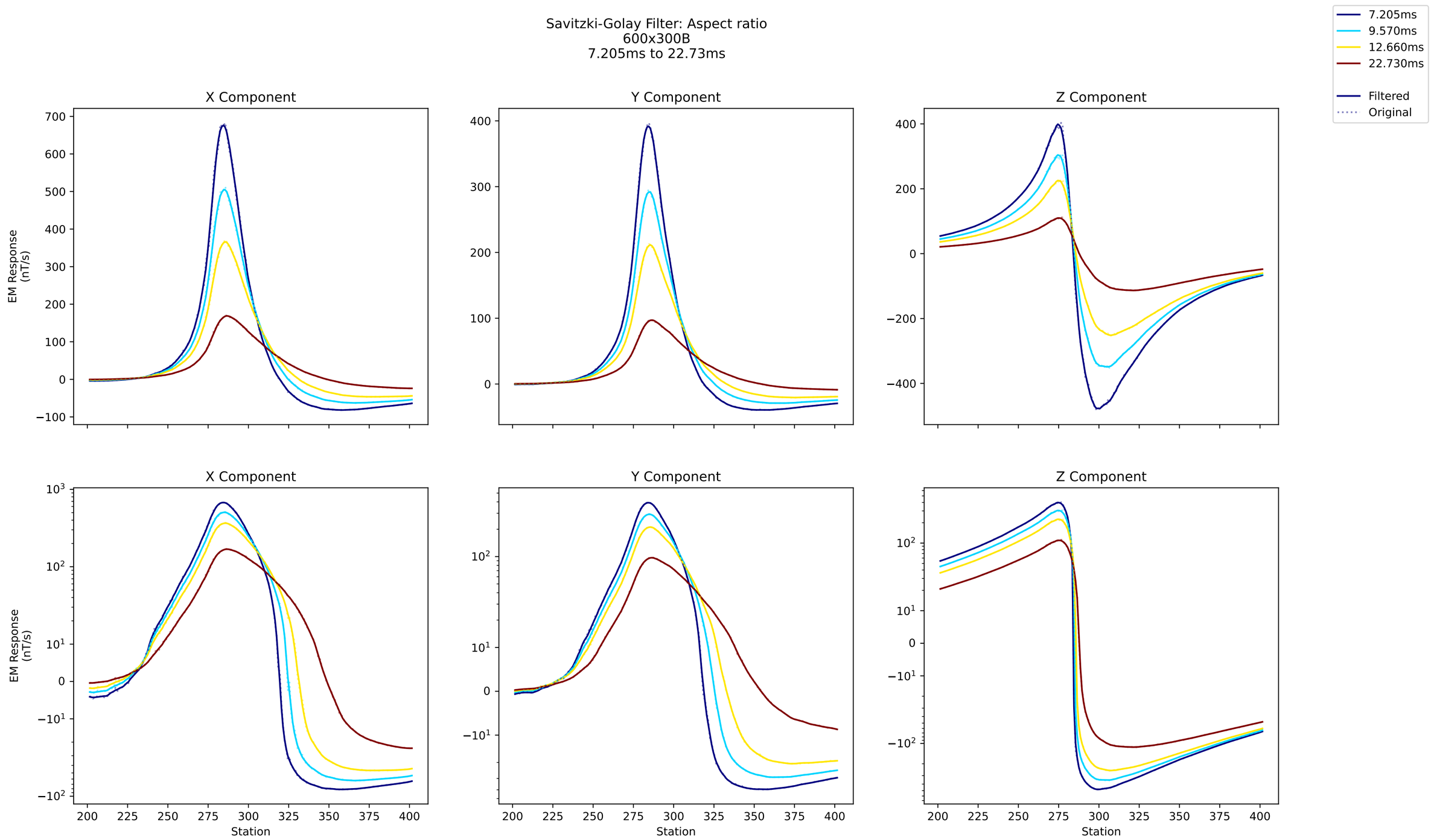
1.315ms to 3.075ms
1.315ms
1.745ms
2.315ms
3.075ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
EM Response
(nT/s)
Station
Station
Station


Savitzki-Golay Filter: Aspect ratio
600x300B
3.075ms to 7.205ms
3.075ms
4.085ms
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
600x300B
7.205ms to 22.73ms
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12.660ms
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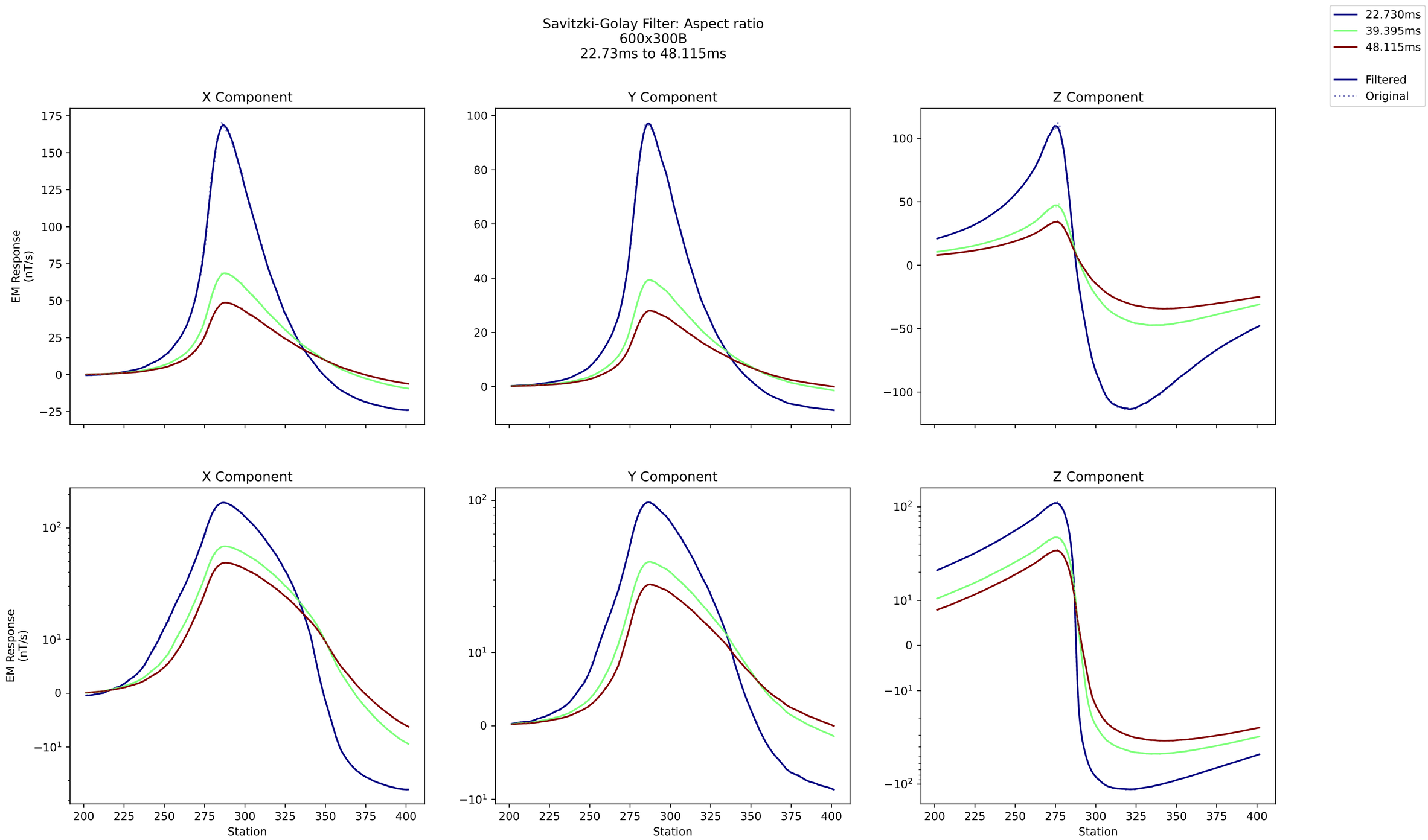
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
600x300B
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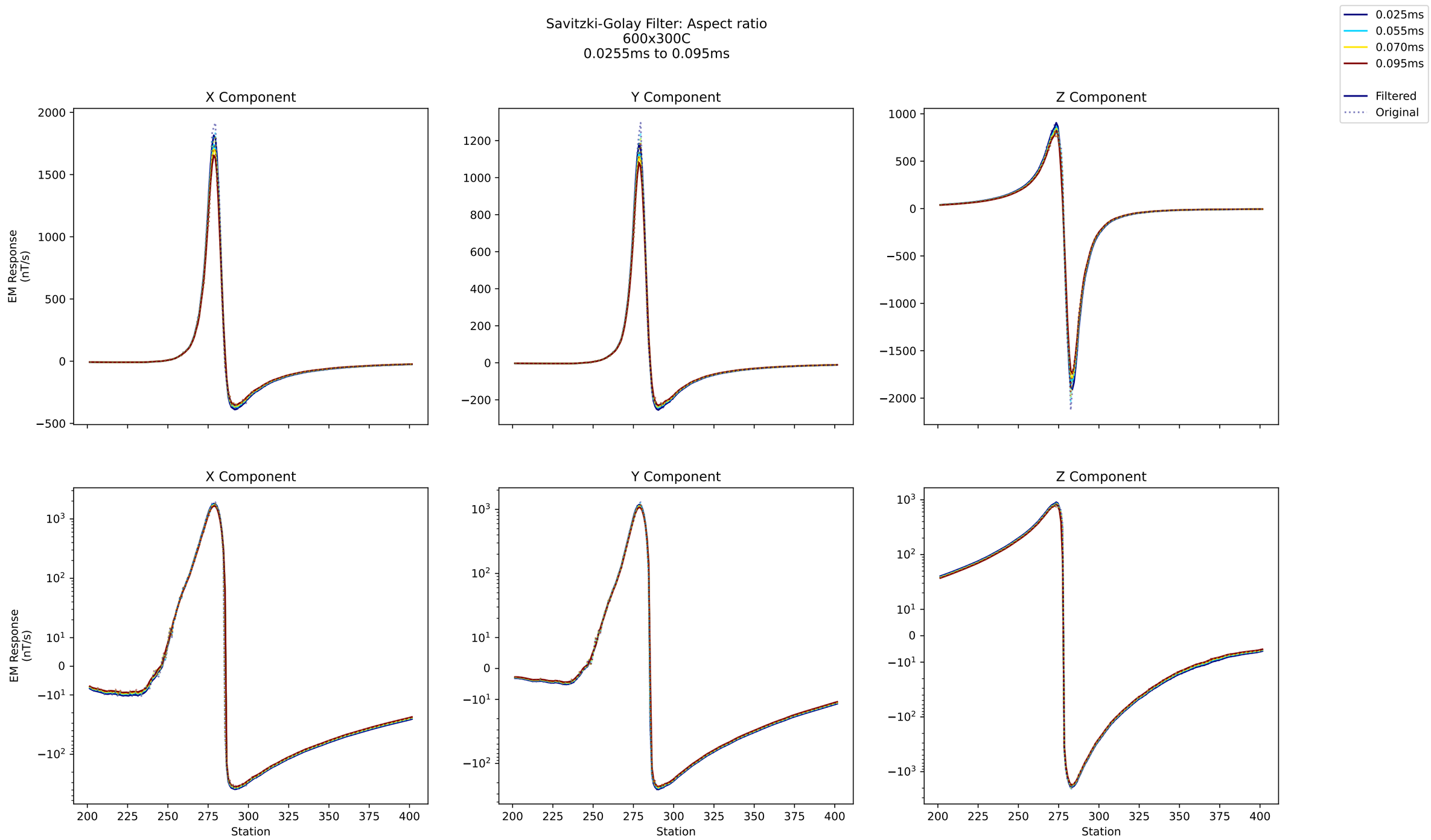
48.115ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station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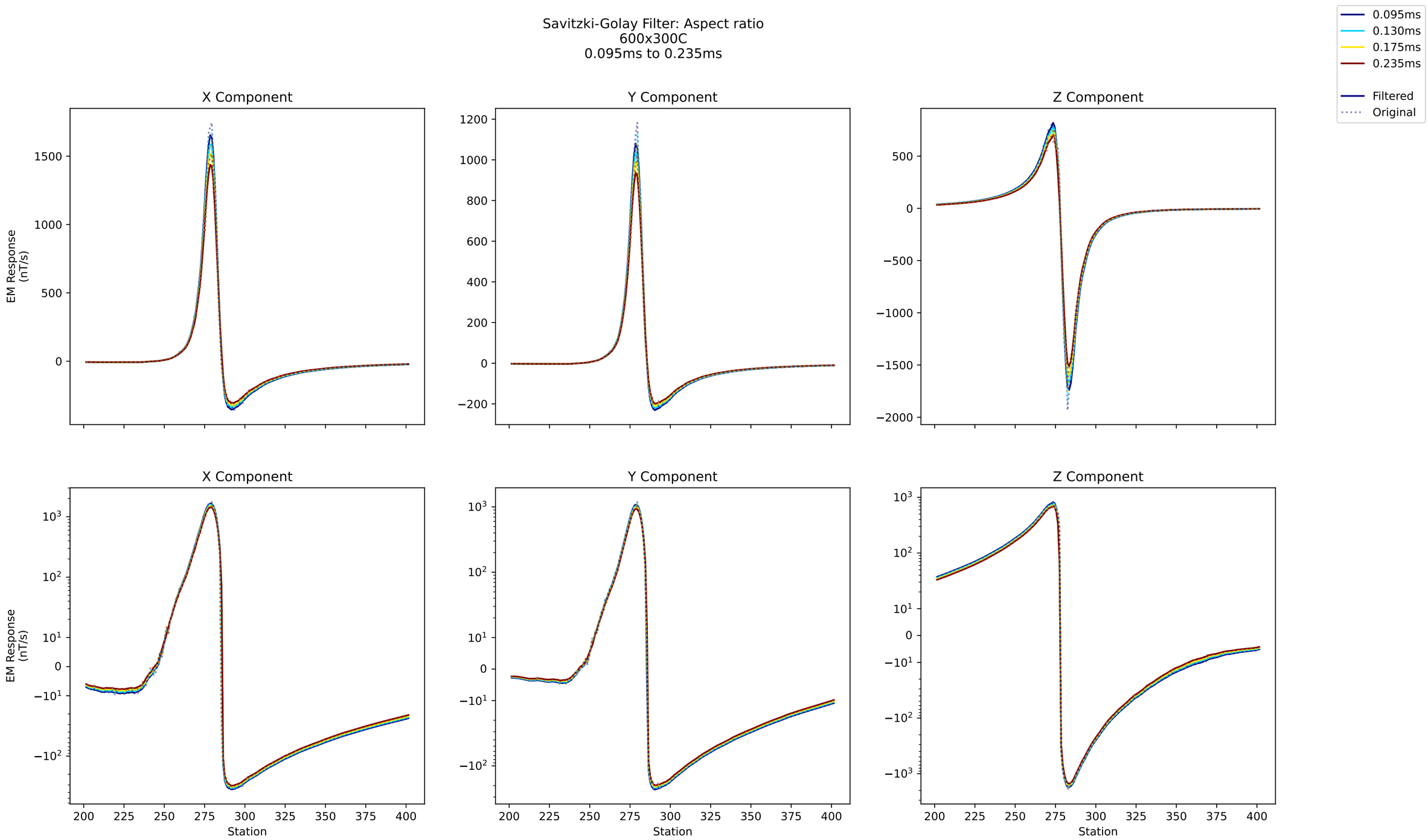
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station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Original
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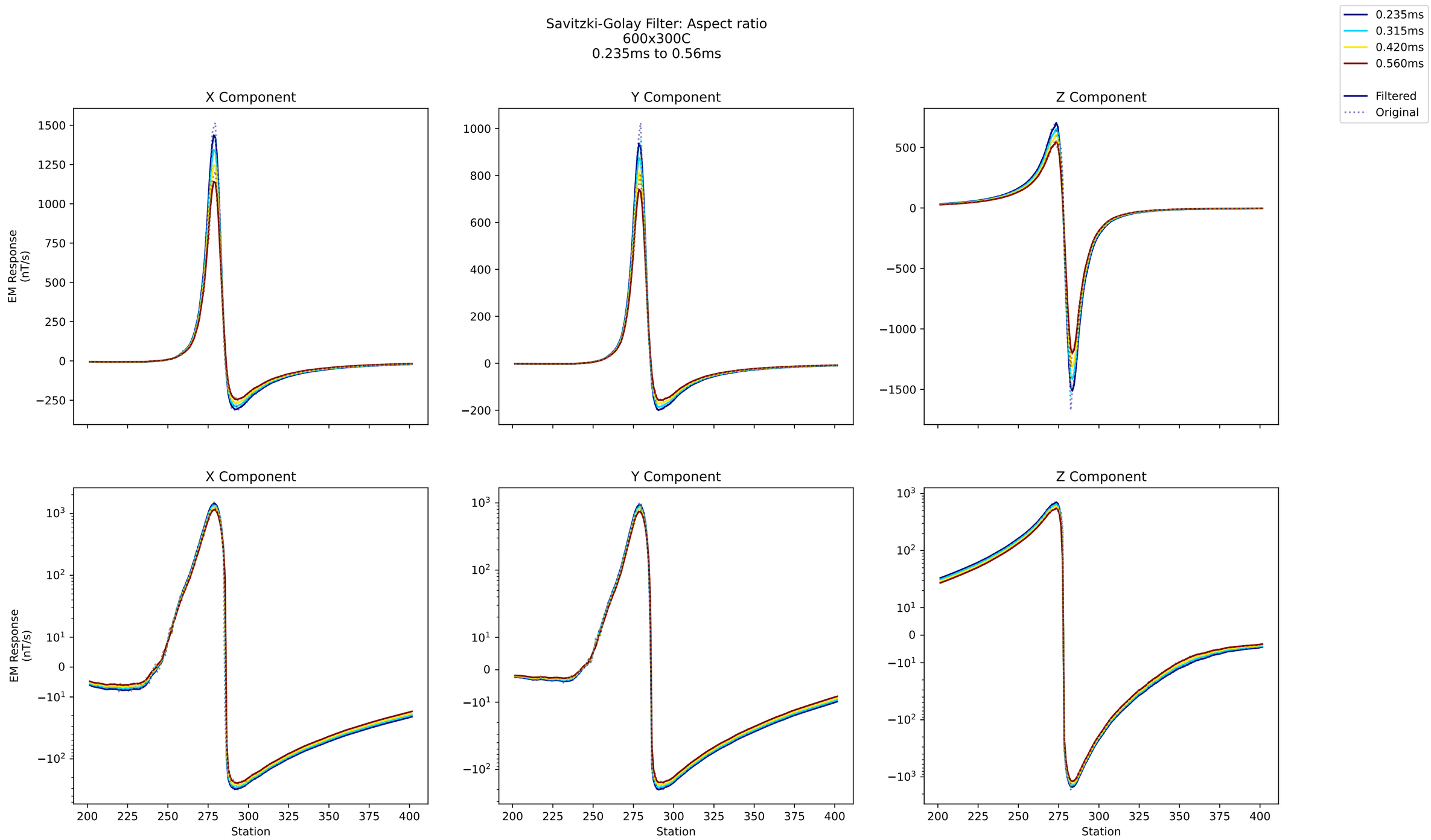
Y Component
Z Component
EM Response
(nT/s)
Station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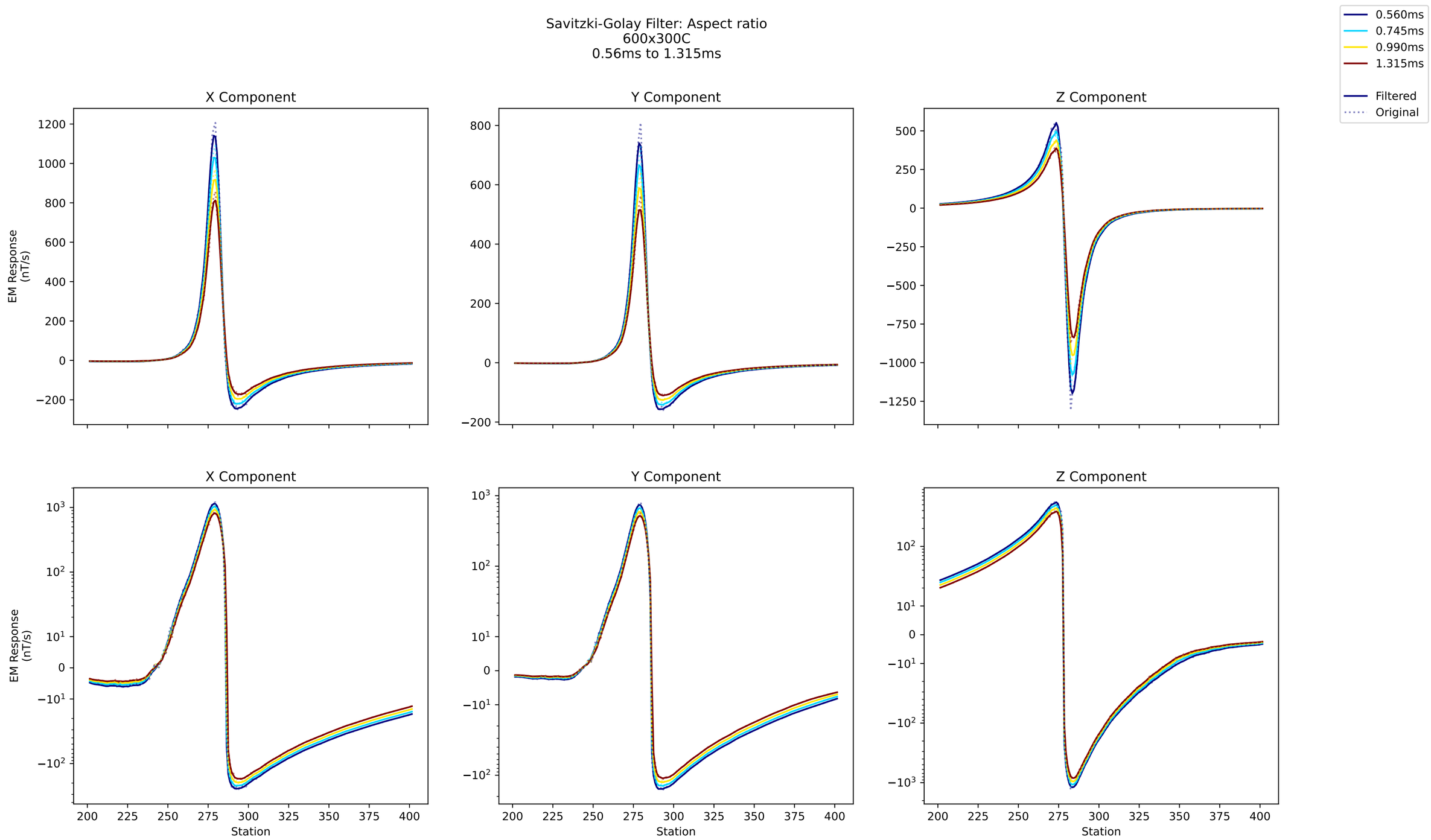
0.560ms
Filtered
Original
X Component
Y Component
Z Component
EM Response (nT/s)
Station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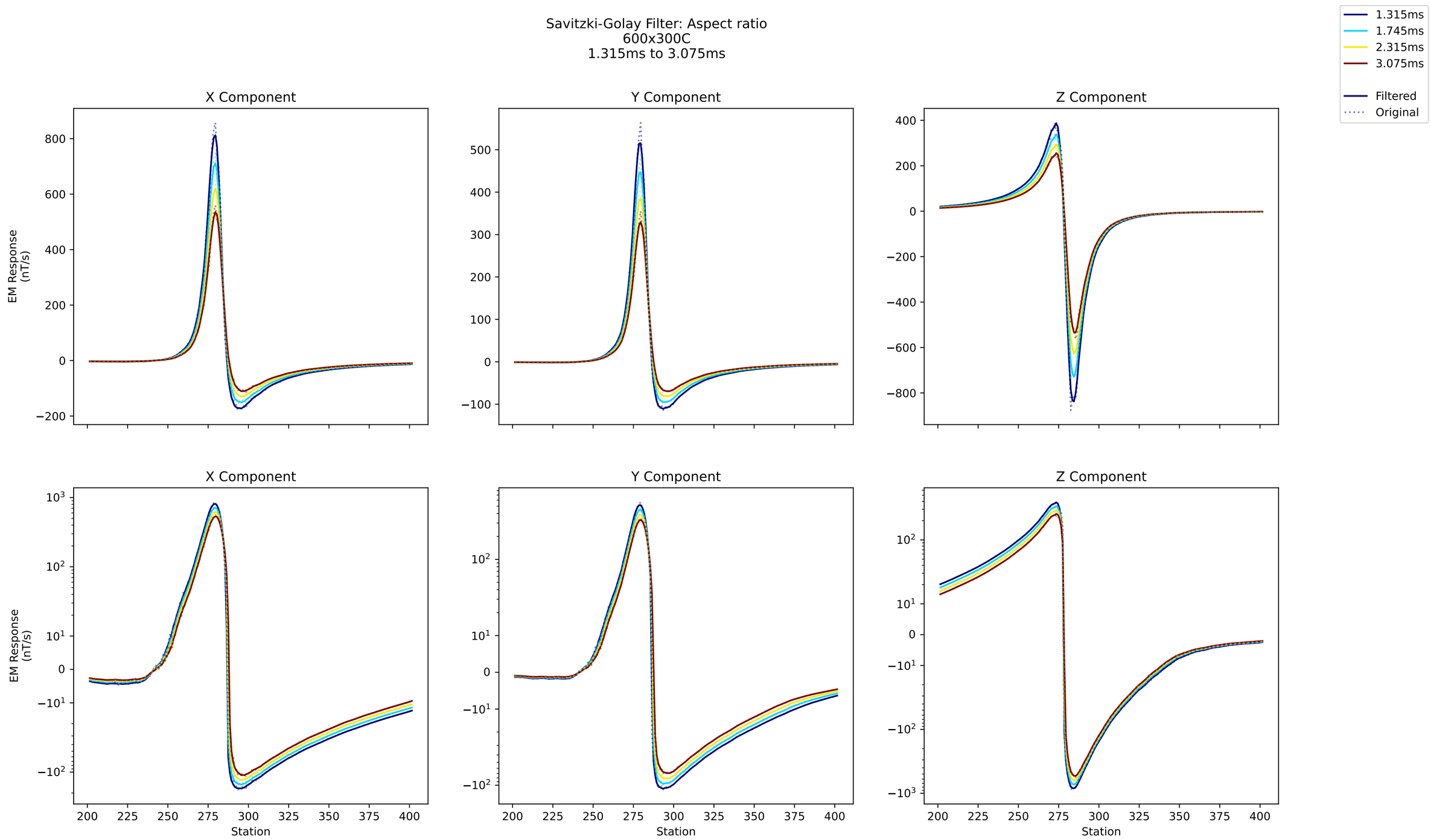
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
600x300C
1.315ms to 3.075ms
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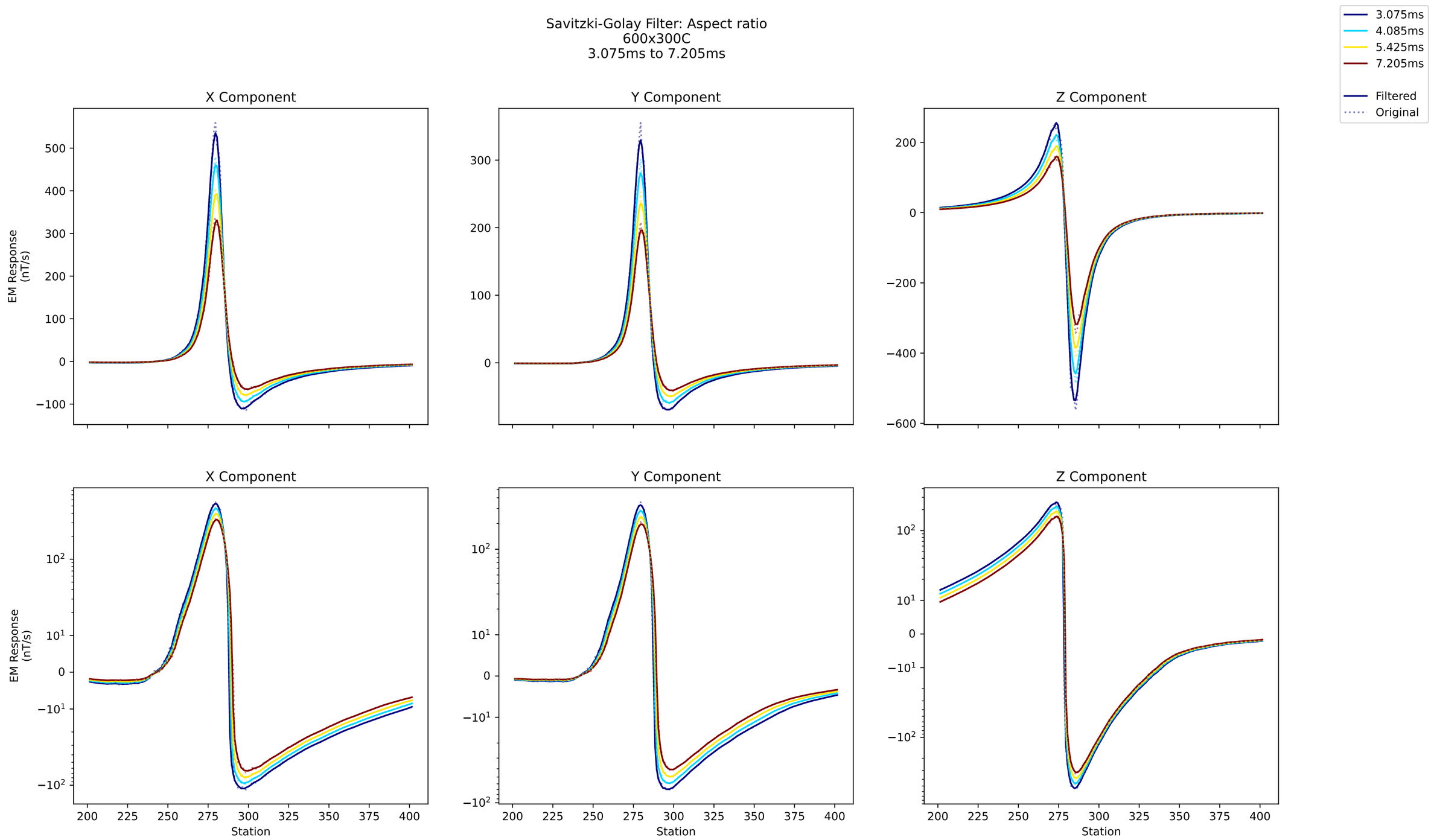
2.315ms
3.075ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
600x300C
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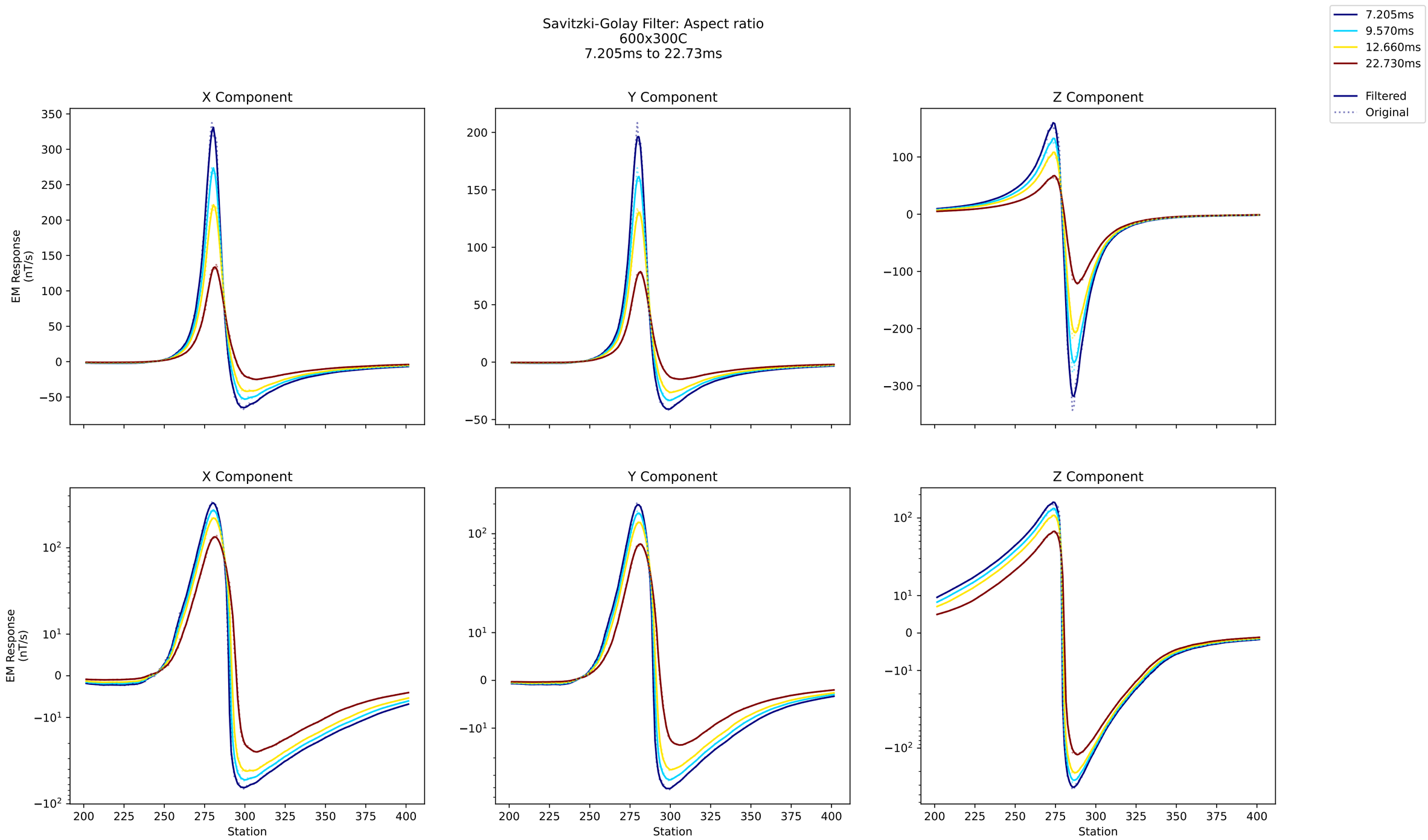
7.205ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
600x300C
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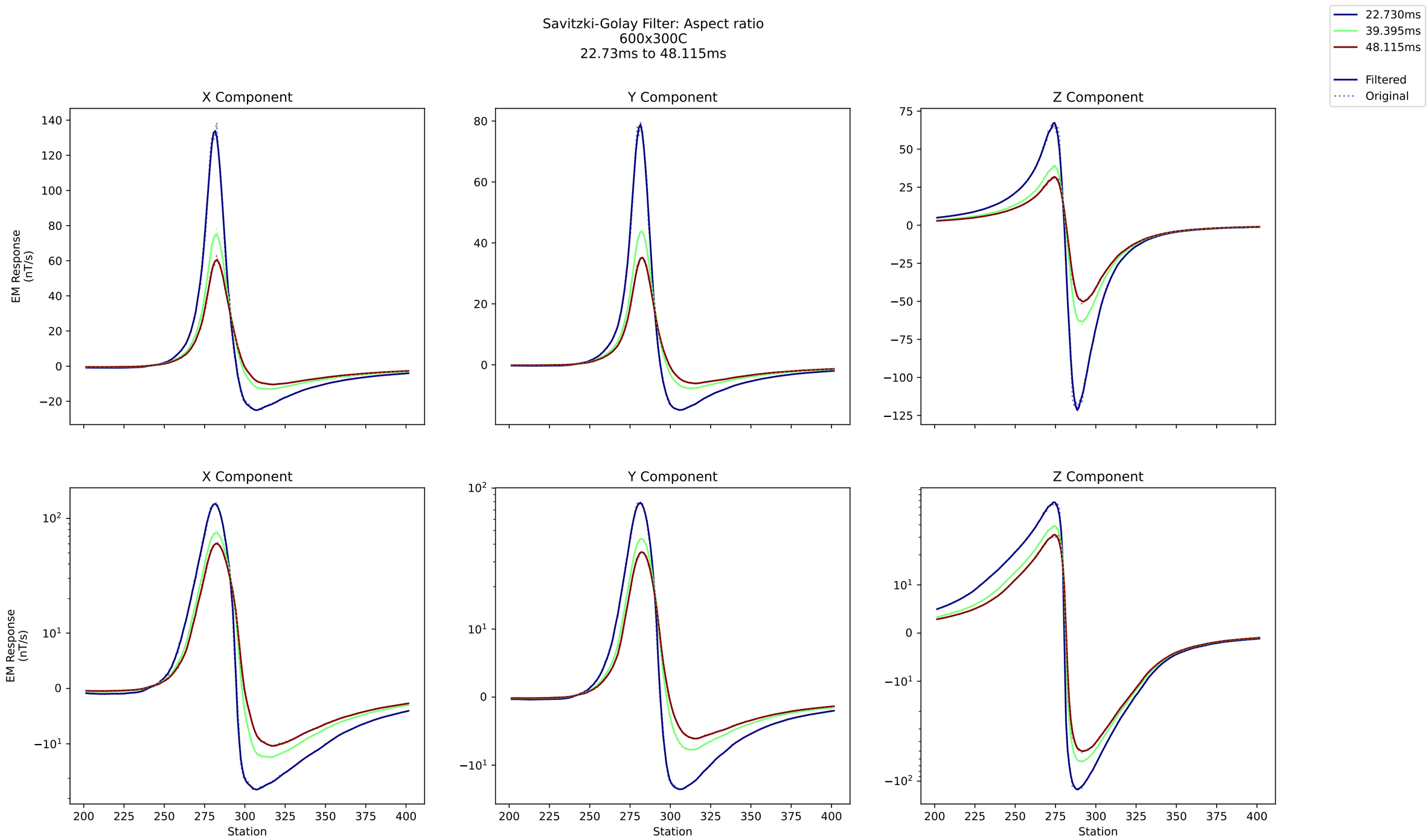
12.660ms
22.730ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
600x300C
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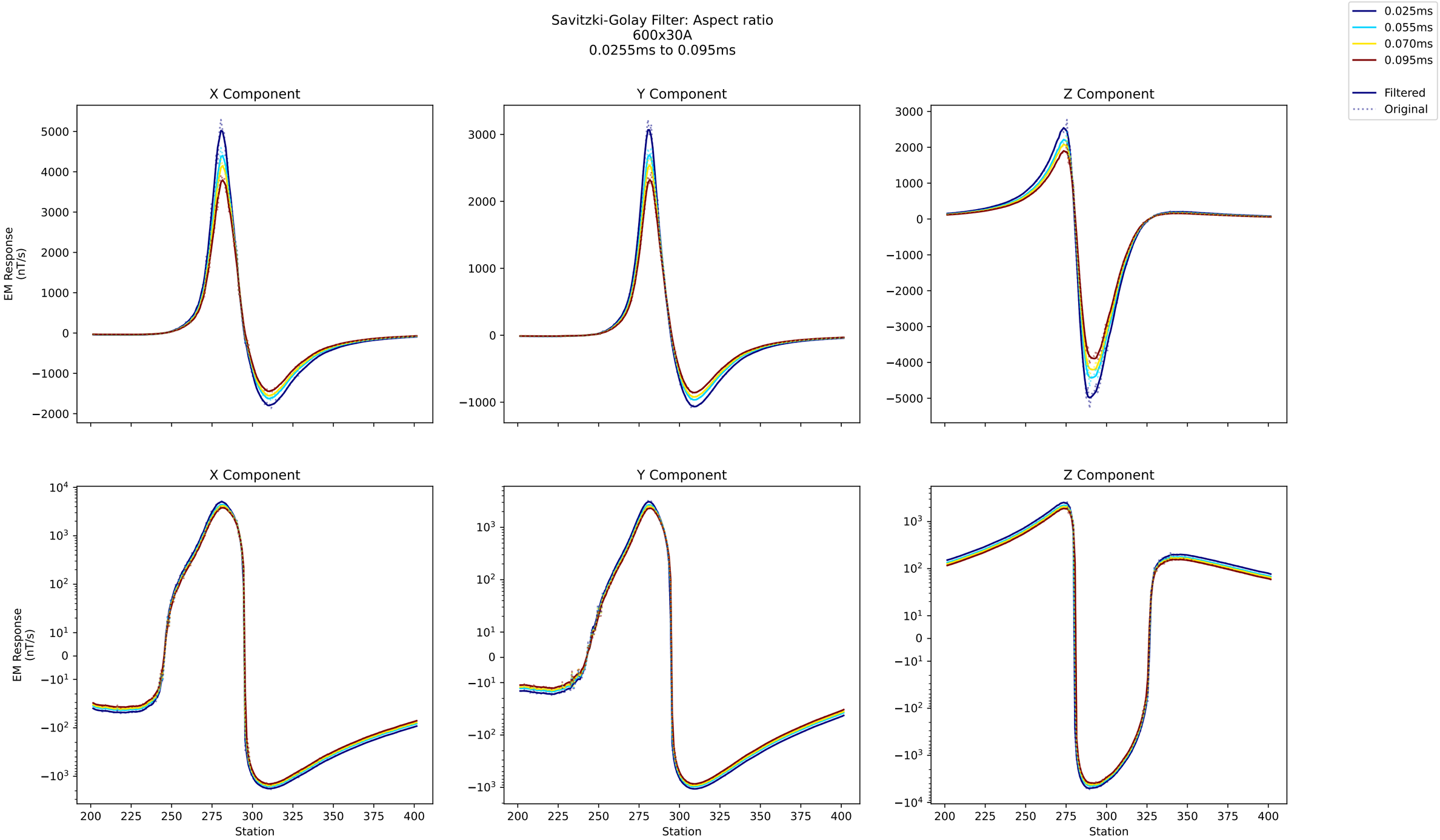
39.395ms
48.115ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
600x30A
0.0255ms to 0.095ms
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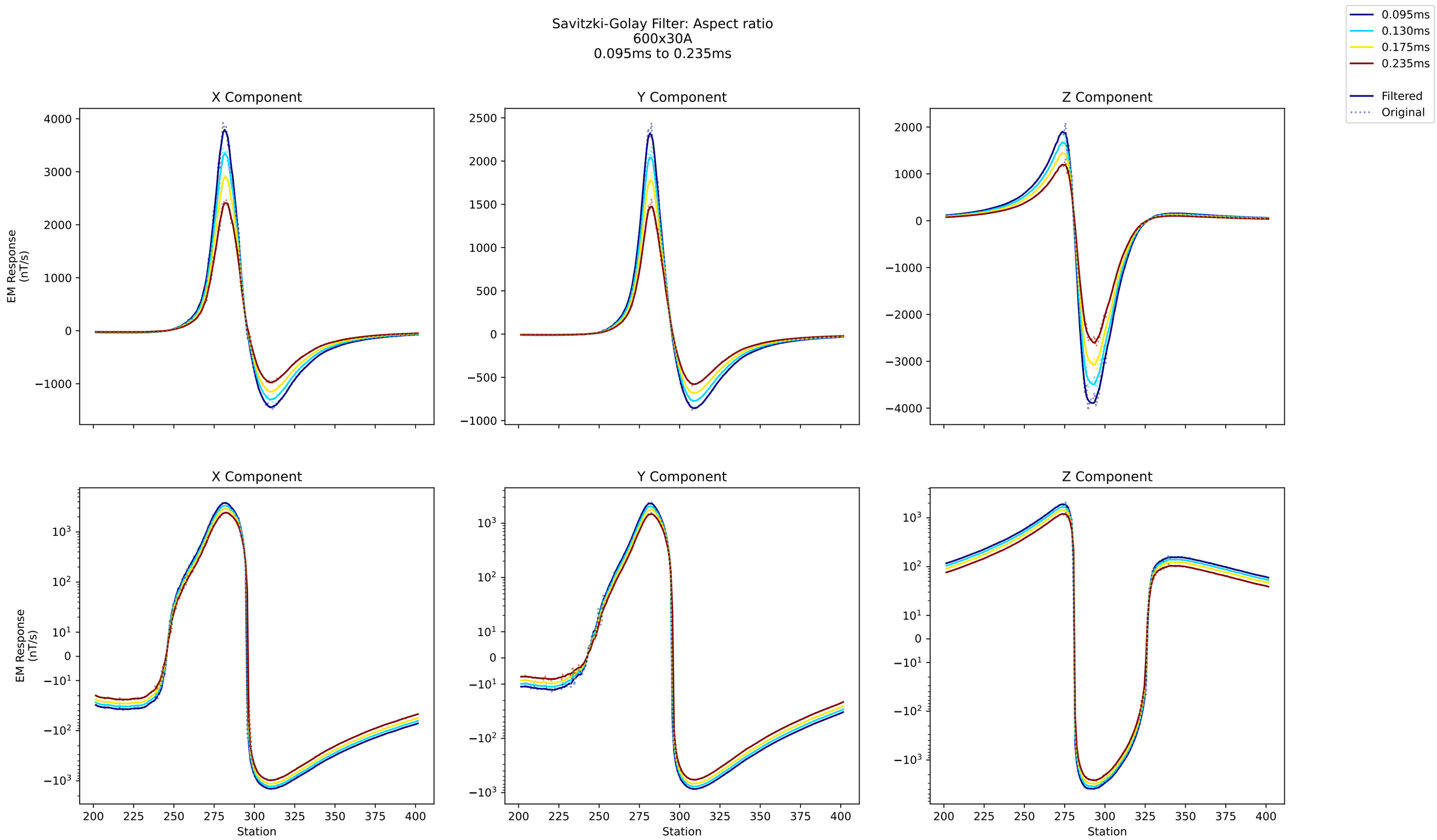
0.095ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
600x30A
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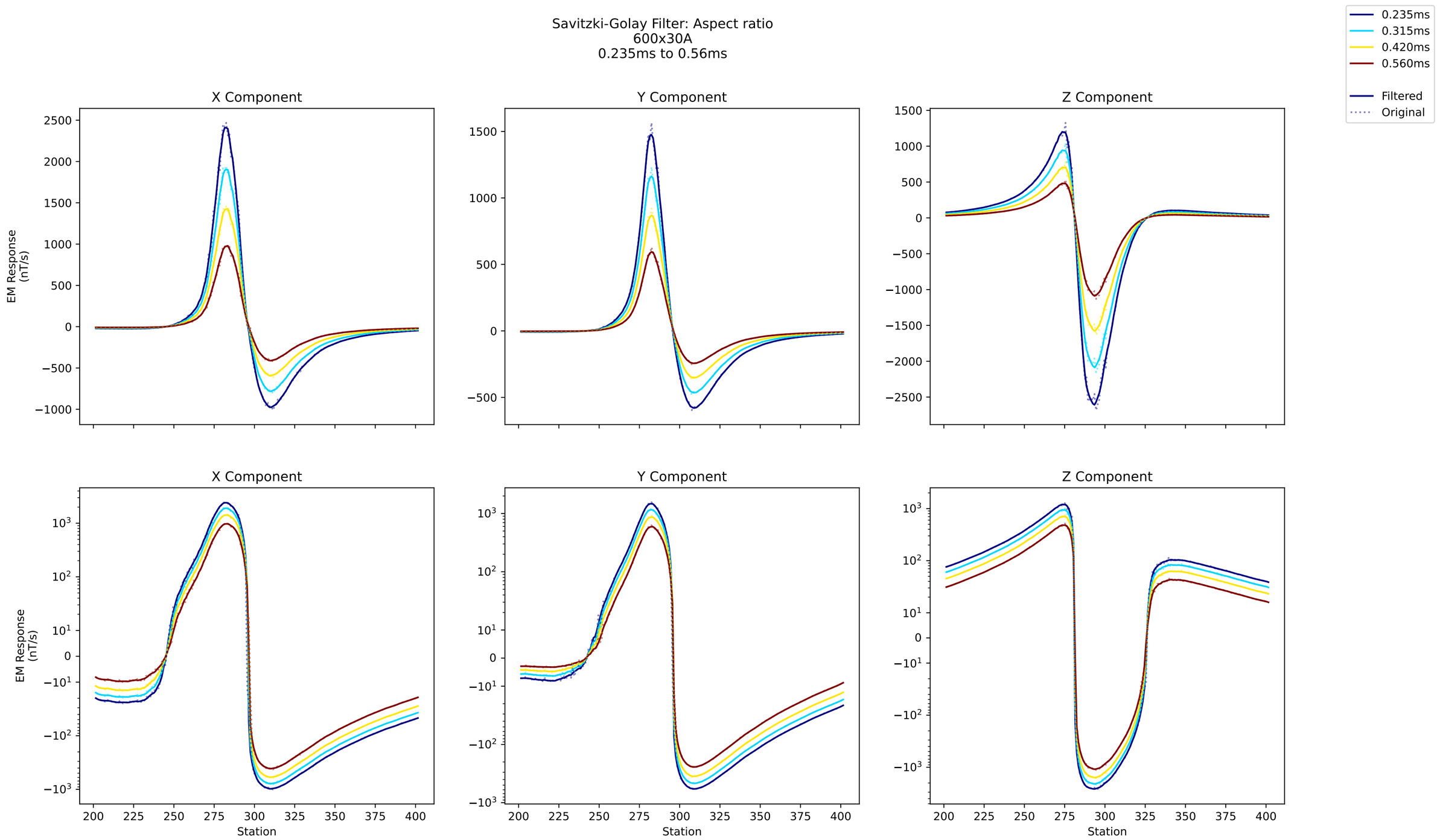
0.235ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
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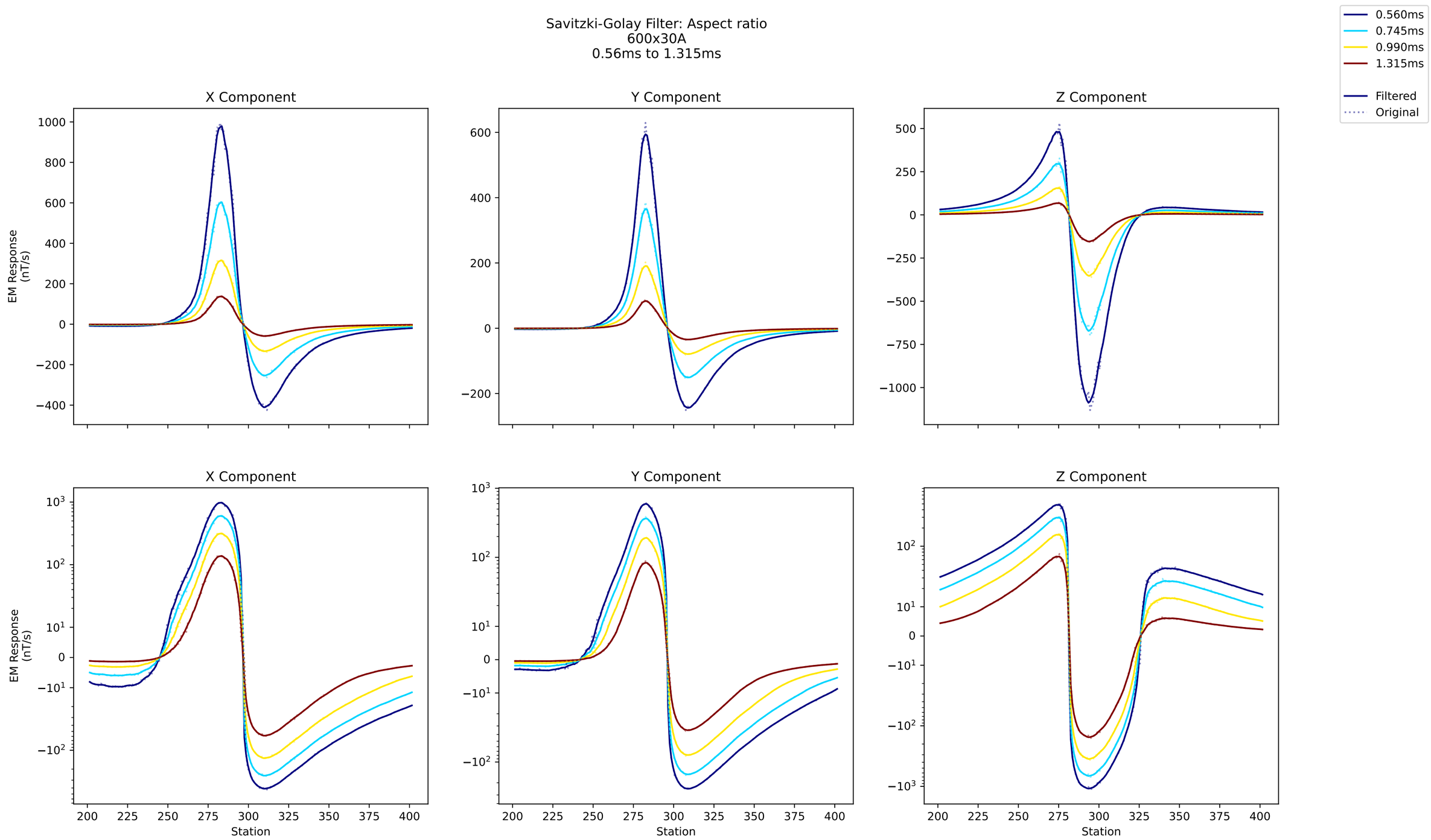
0.420ms
0.560ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
600x30A
0.56ms to 1.315ms
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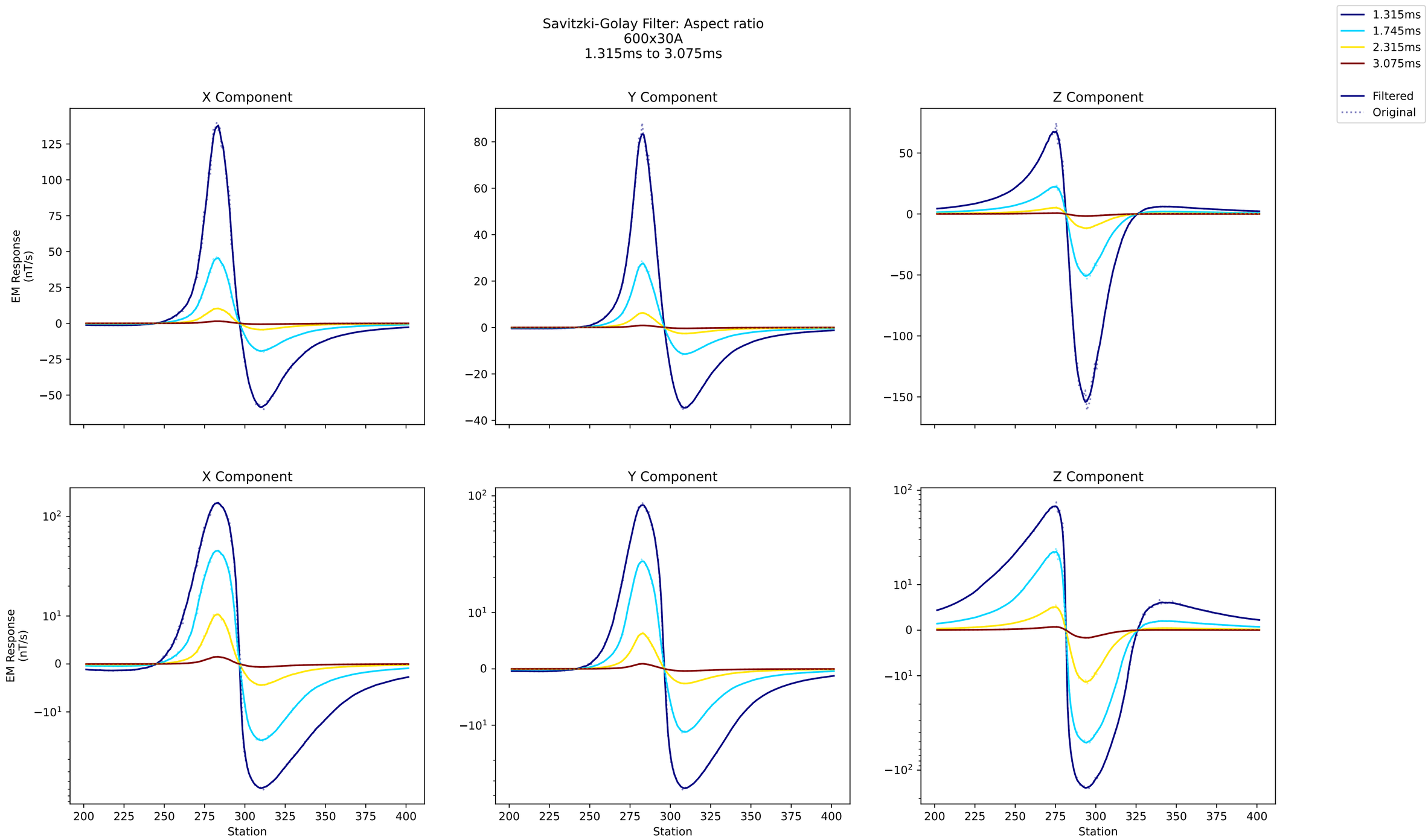
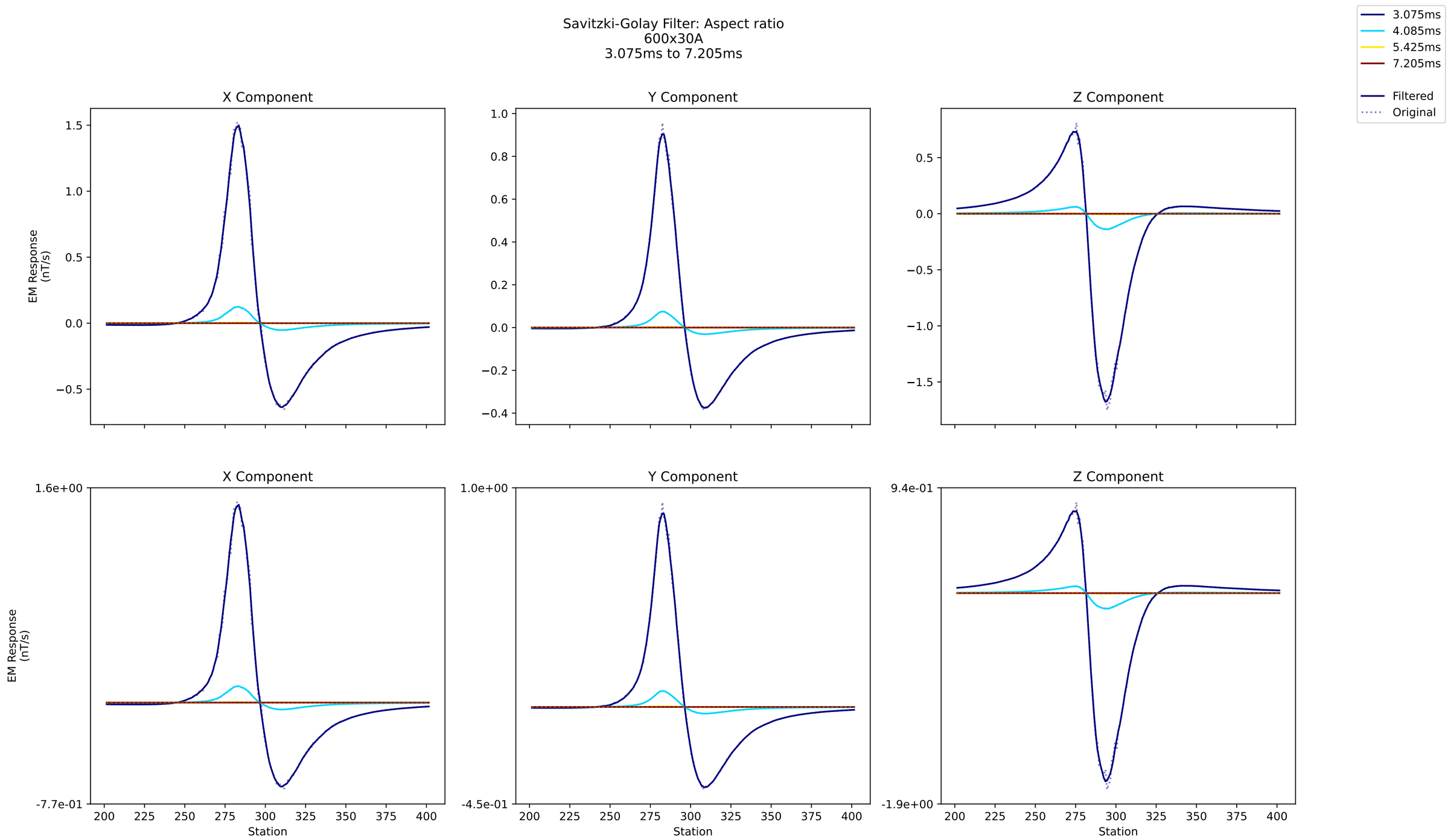
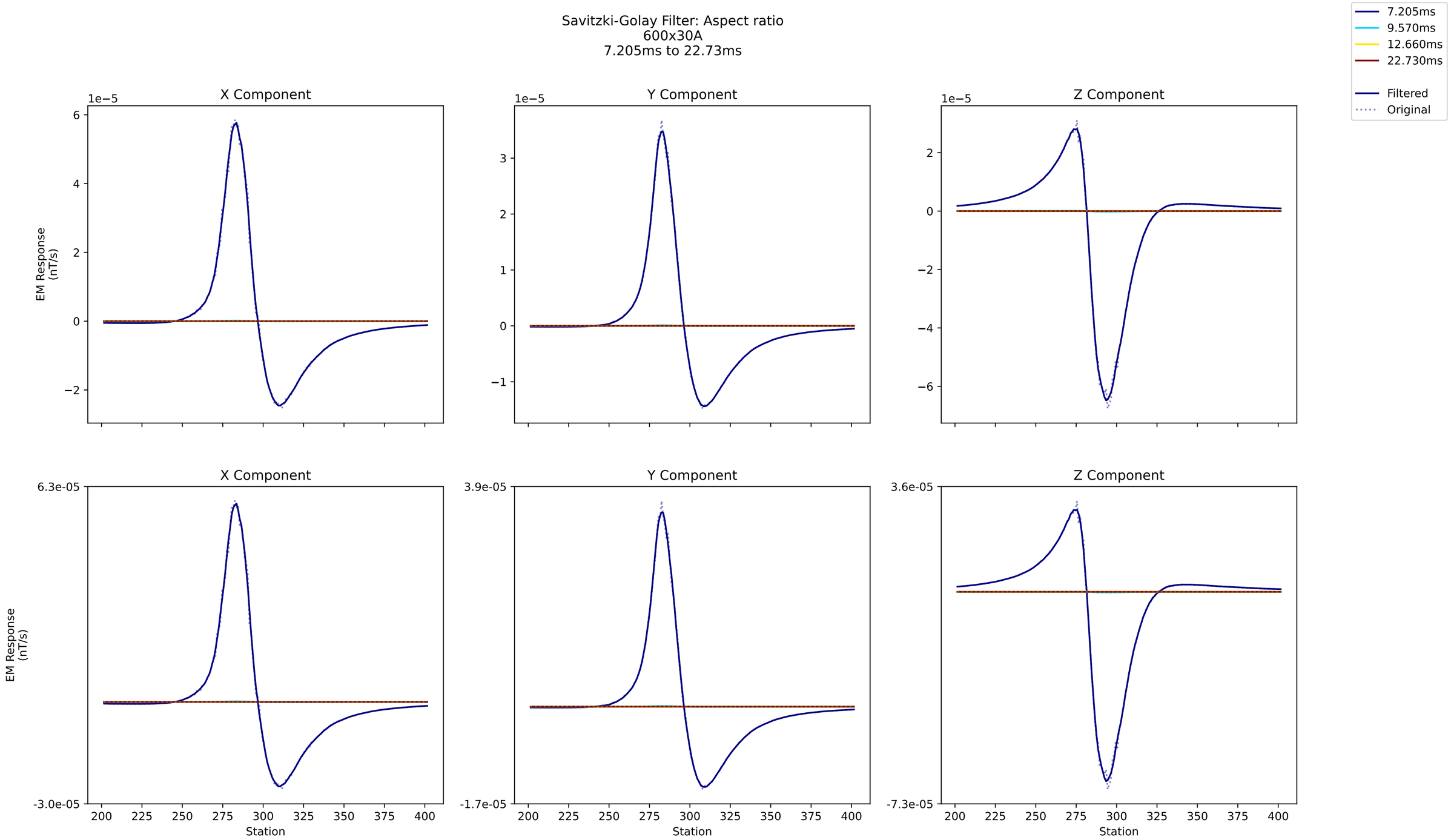
0.990ms
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
600x30A
1.315ms to 3.075ms
1.315ms
1.745ms
2.315ms
3.075ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
600x30A
3.075ms to 7.205ms
3.075ms
4.085ms
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
1.6e+00
-7.7e-01
1.0e+00
-4.5e-01
9.4e-01
-1.9e+00
200
225
250
275
300
325
350
375
400
Station


Savitzki-Golay Filter: Aspect ratio
600x30A
7.205ms to 22.73ms
7.205ms
9.570ms
12.660ms
22.730ms
Filtered
Original
X Component
Y Component
Z Component
1e−5
EM Response
(nT/s)
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-3.0e-05
3.9e-05
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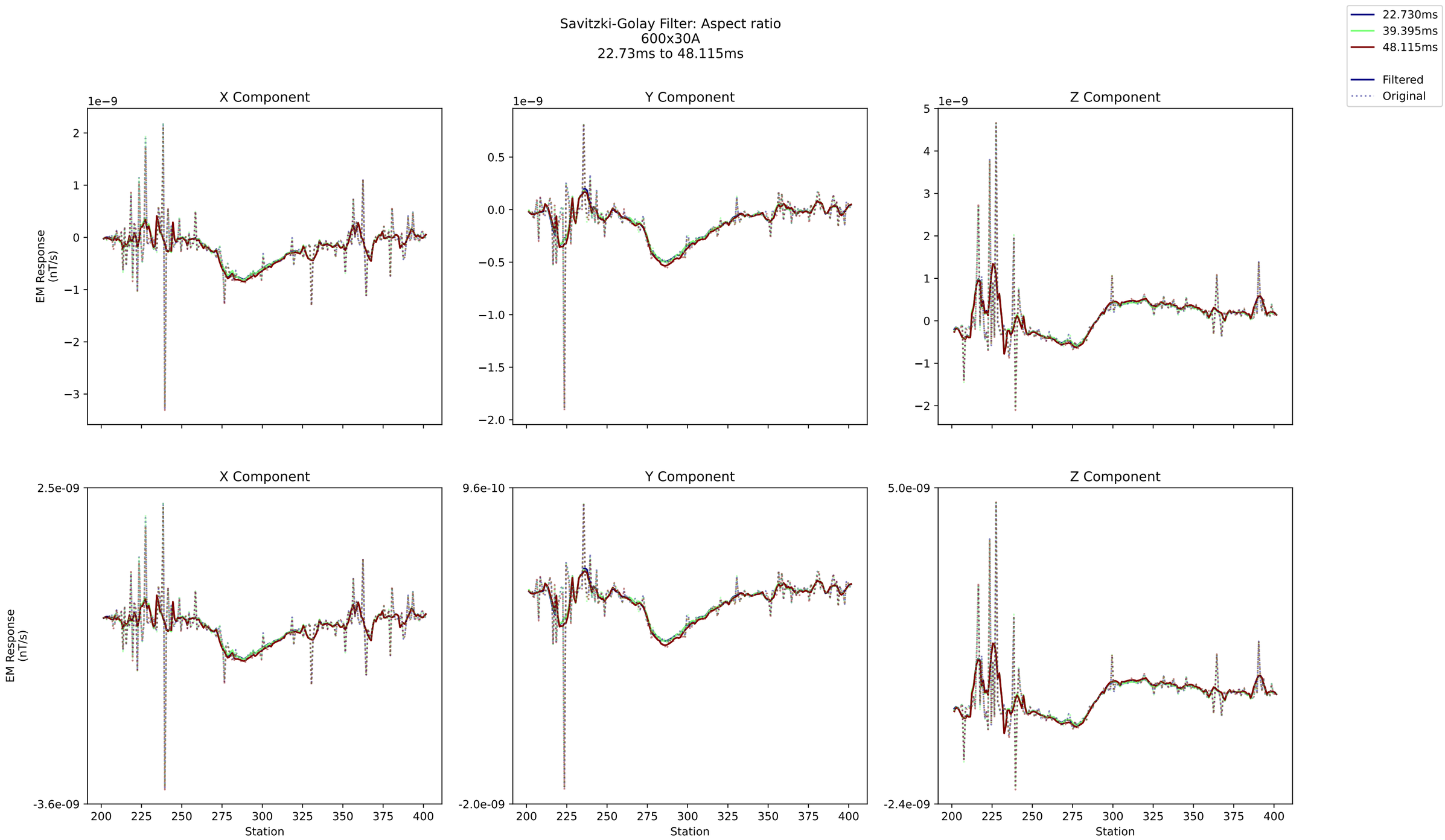
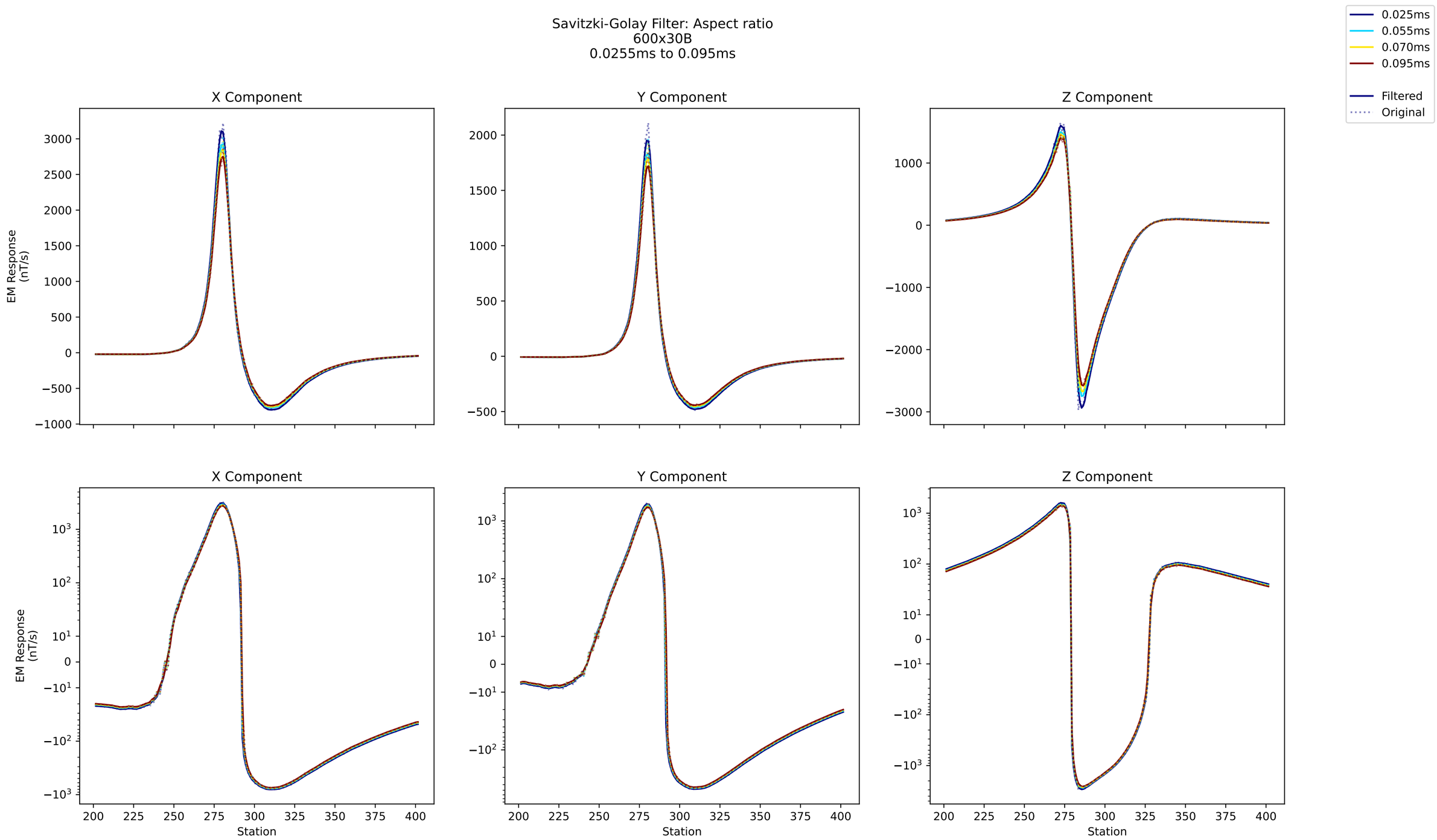
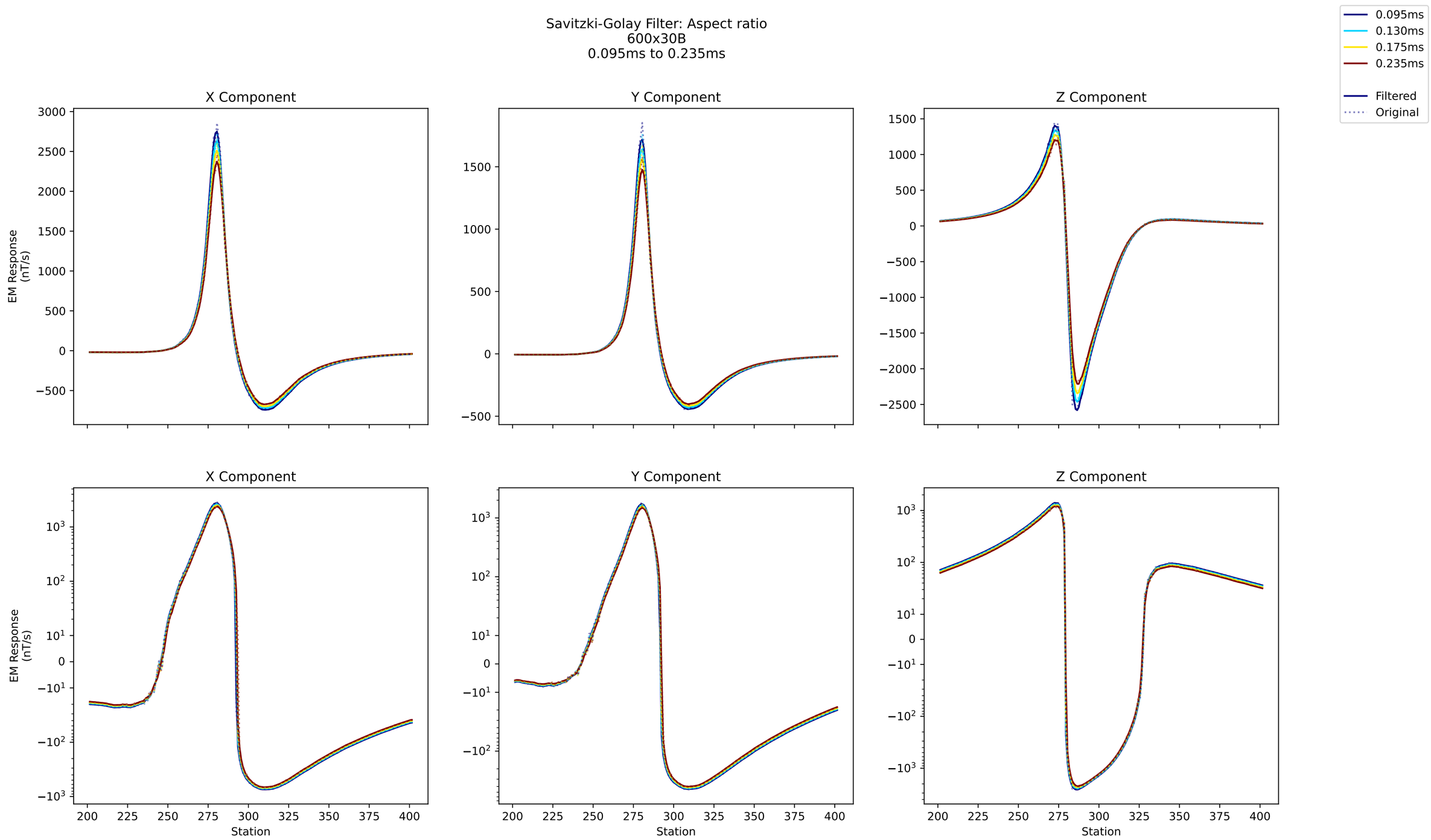
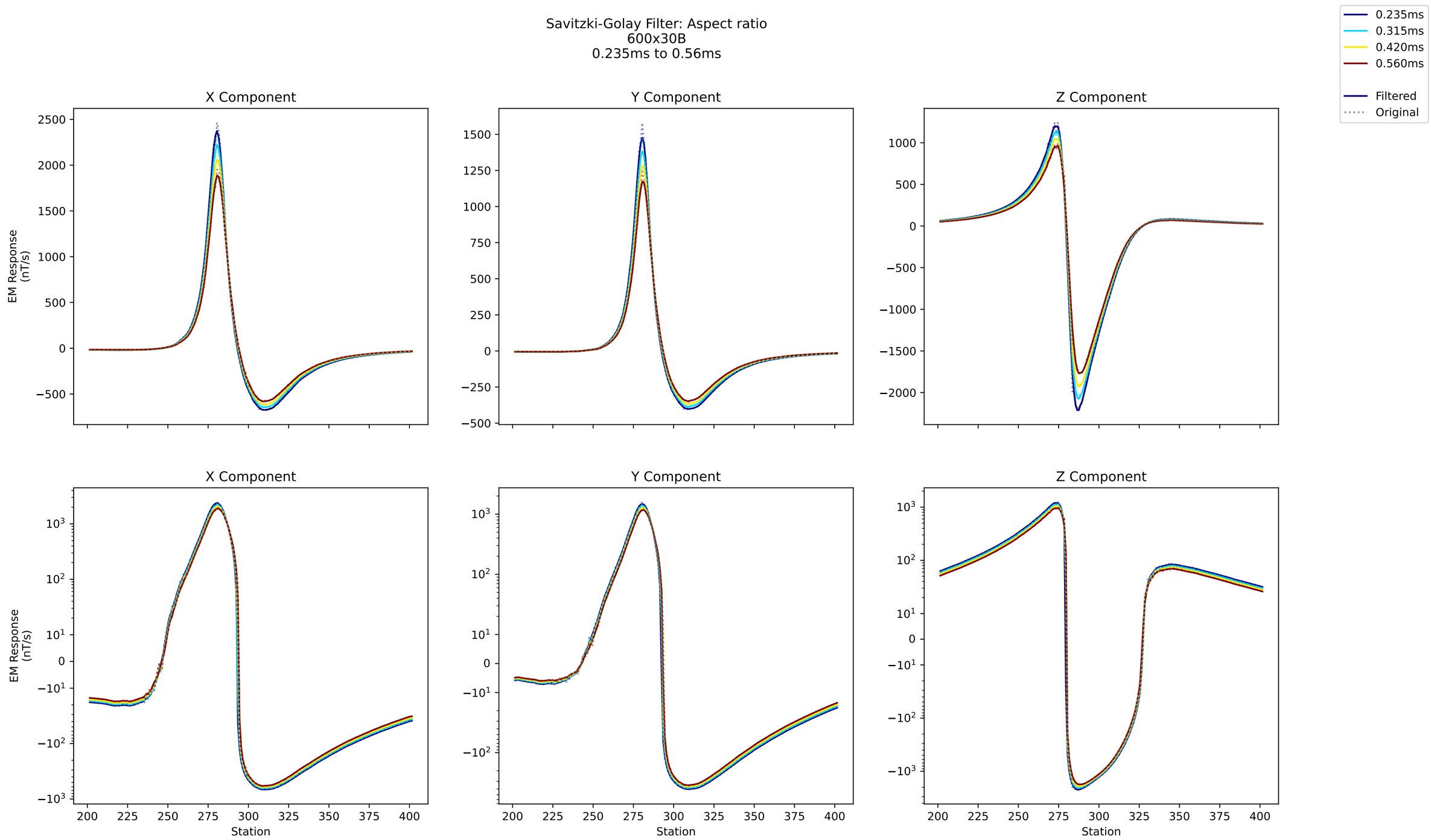
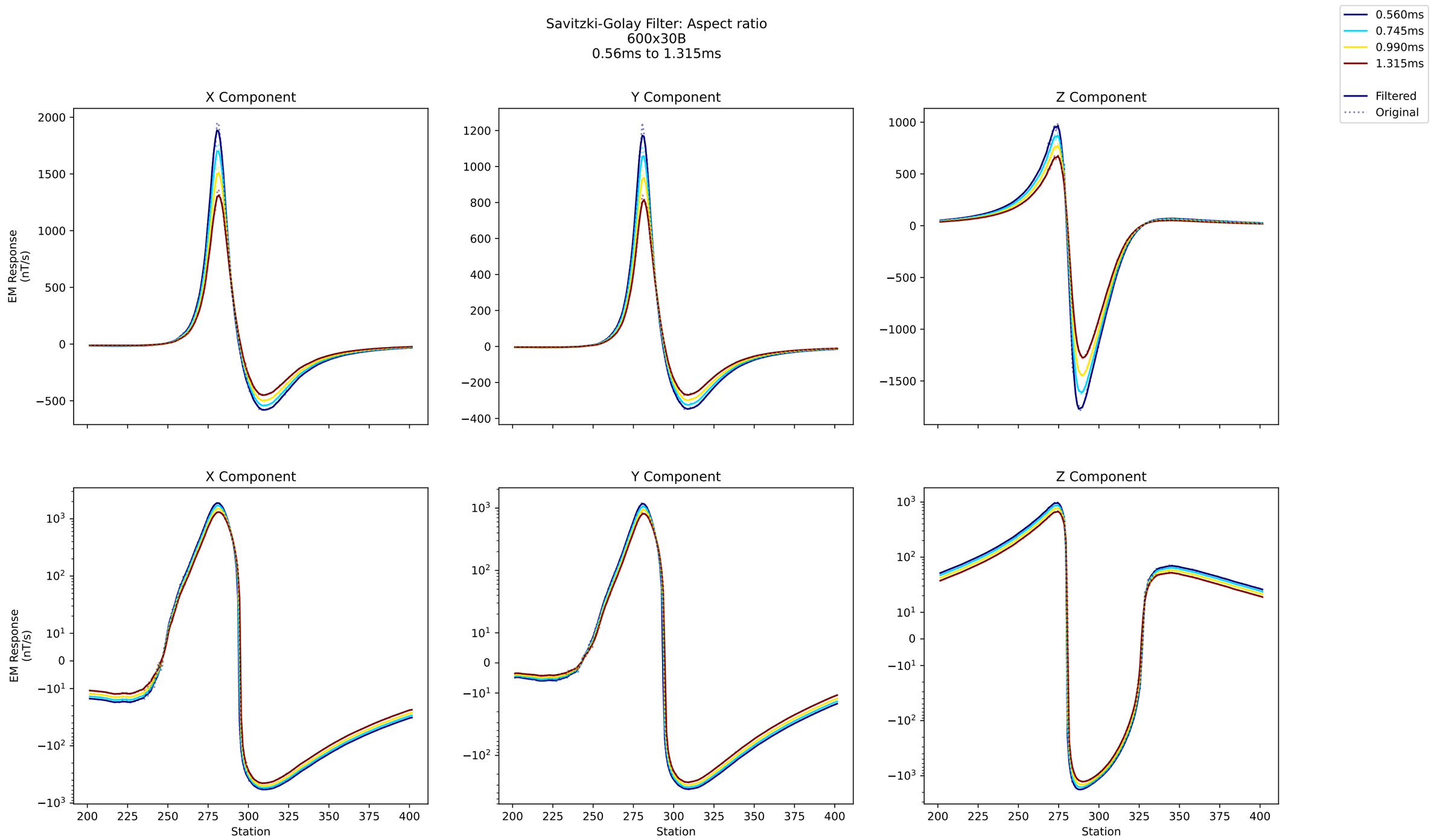
-7.3e-05
Station

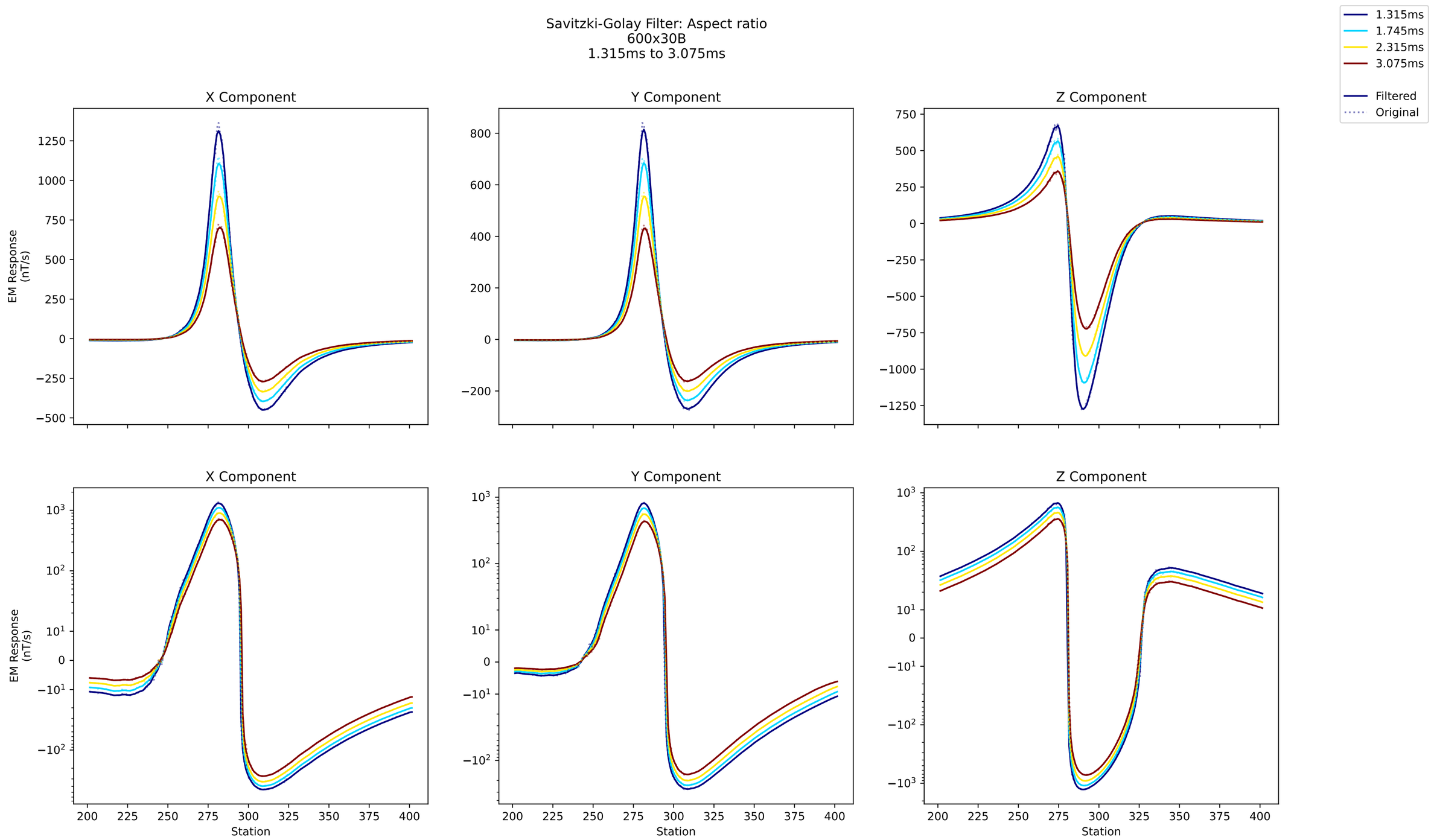

Savitzki-Golay Filter: Aspect ratio
600x30A
22.73ms to 48.115ms
22.730ms
39.395ms
48.115ms
Filtered
Original
X Component
Y Component
Z Component
1e−9
EM Response
(nT/s)
2.5e-09
-3.6e-09
9.6e-10
-2.0e-09
5.0e-09
-2.4e-09
200
225
250
275
300
325
350
375
400
Station

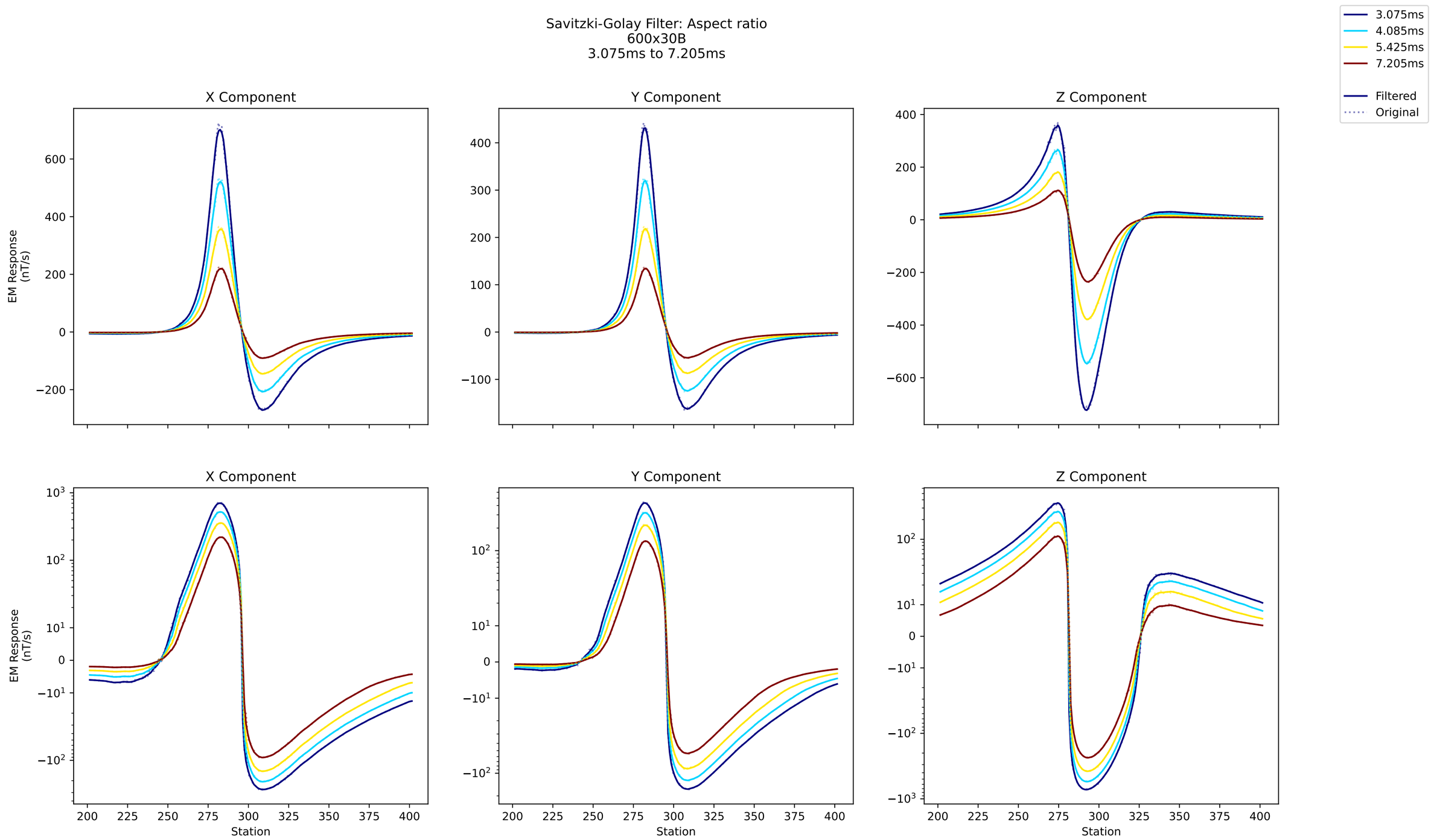

Savitzki-Golay Filter: Aspect ratio
600x30B
0.0255ms to 0.095ms
0.025ms
0.055ms
0.070ms
0.095ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

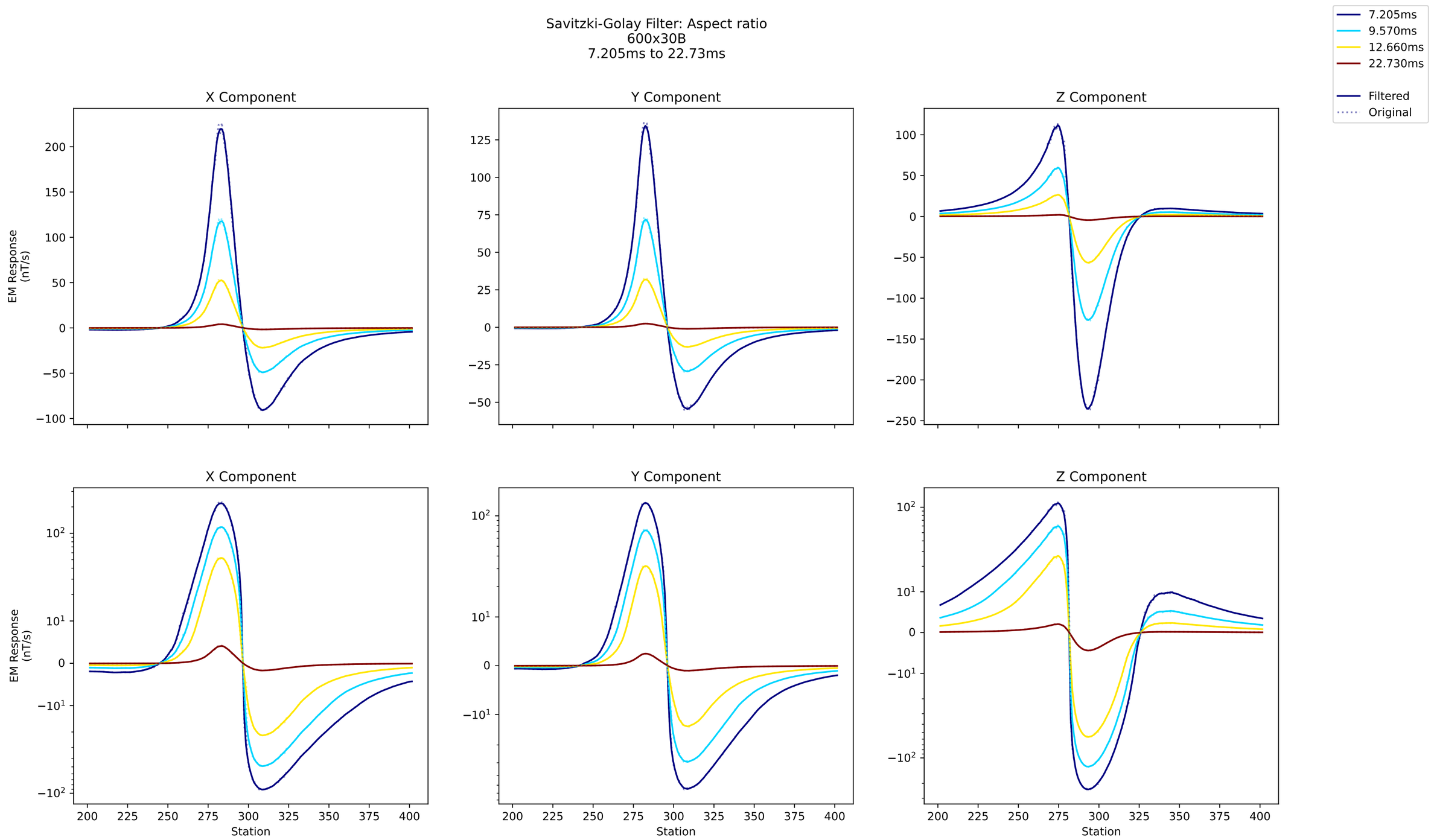

Savitzki-Golay Filter: Aspect ratio
600x30B
0.095ms to 0.235ms
0.095ms
0.130ms
0.175ms
0.235ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

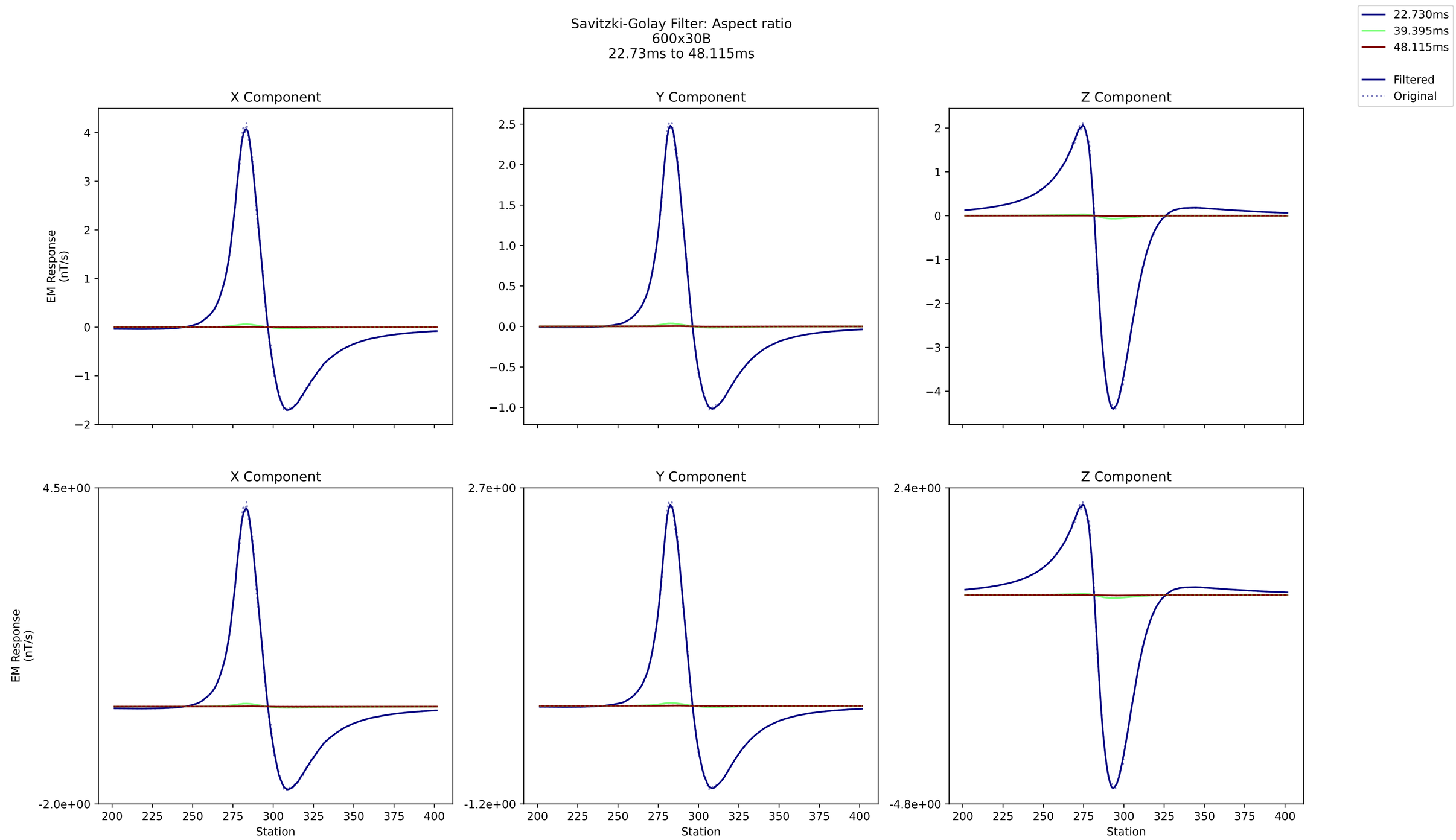

Savitzki-Golay Filter: Aspect ratio
600x30B
0.235ms to 0.56ms
0.235ms
0.315ms
0.420ms
0.560ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

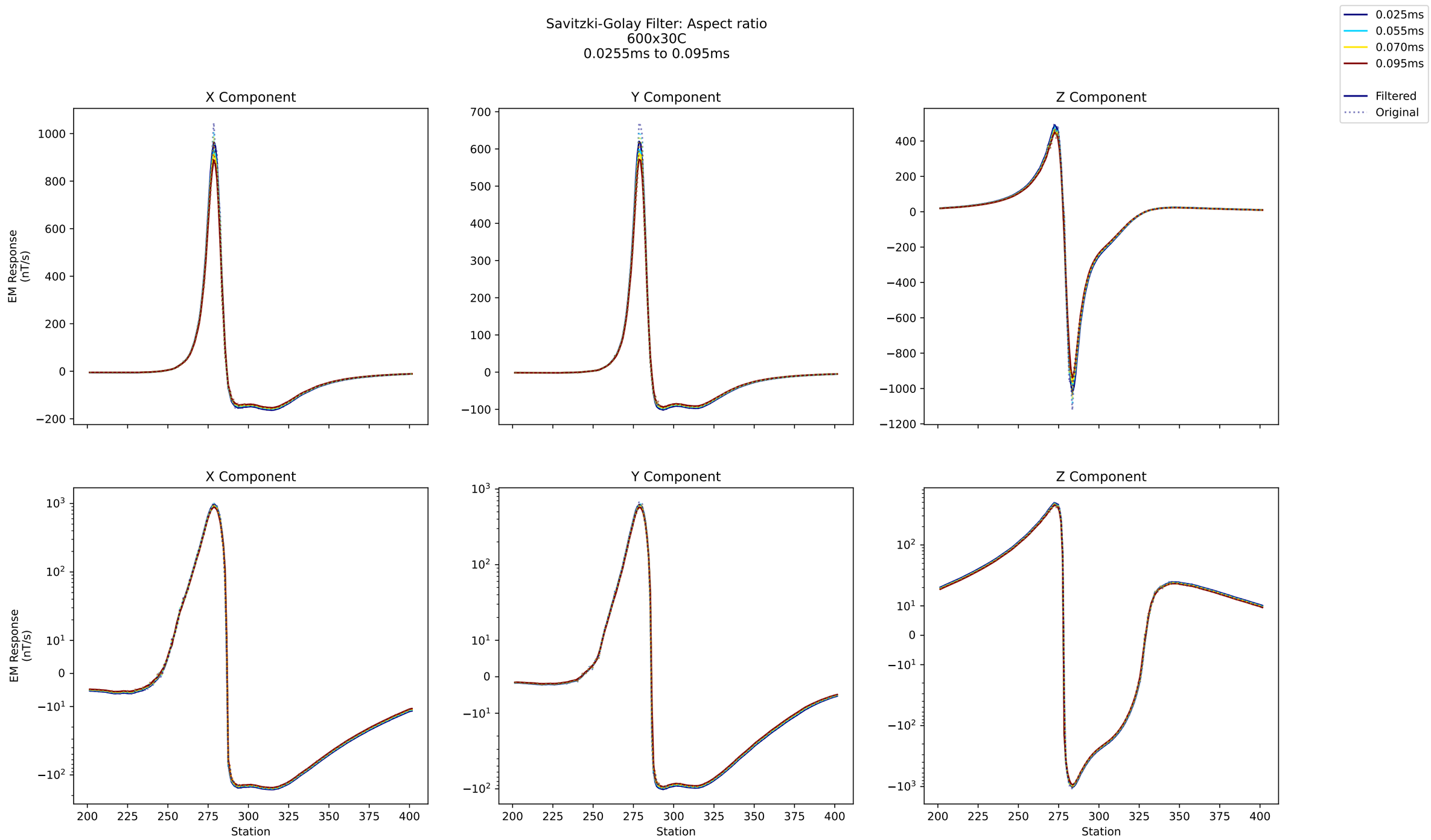

Savitzki-Golay Filter: Aspect ratio
600x30B
0.56ms to 1.315ms
0.560ms
0.745ms
0.990ms
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

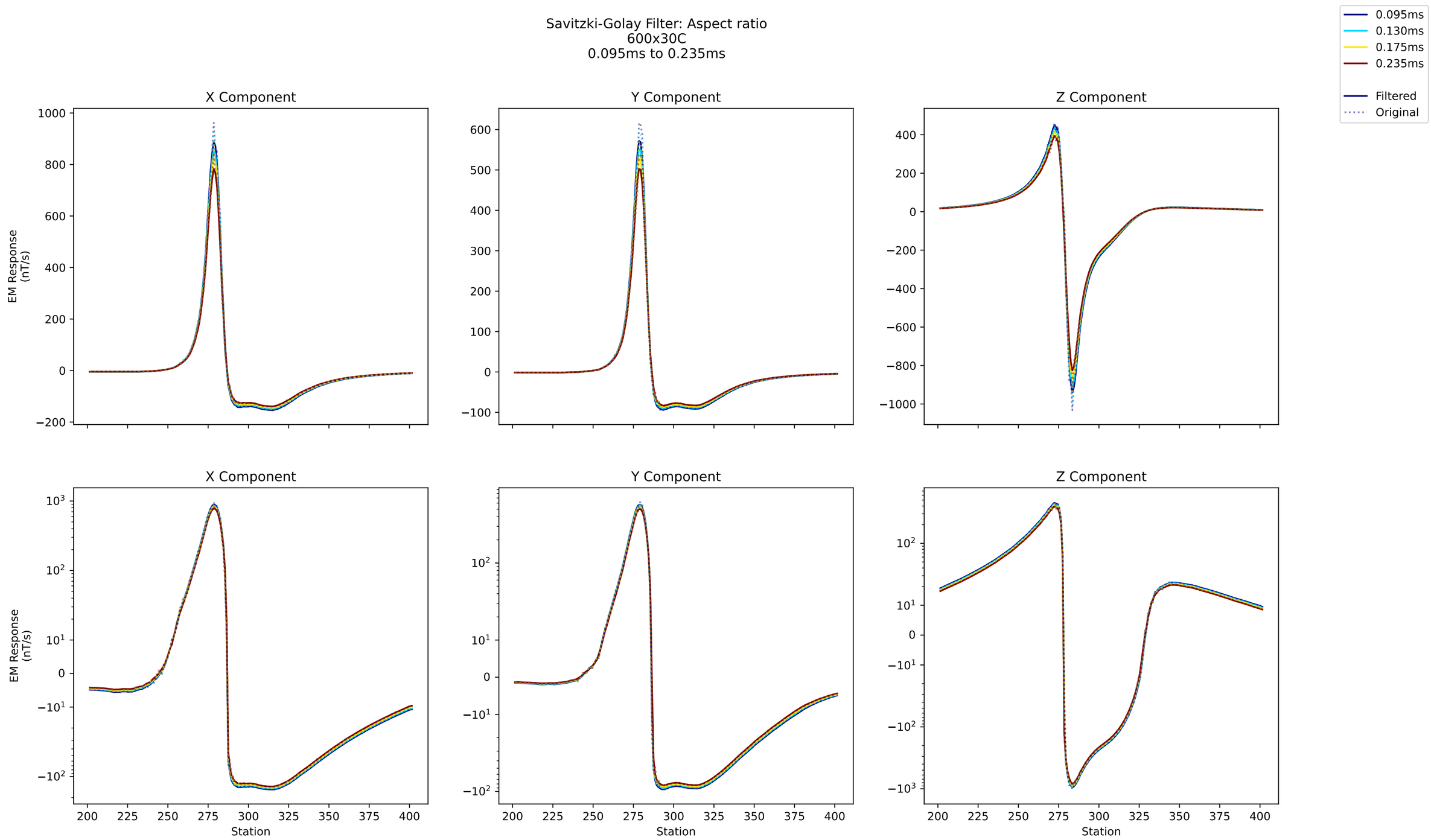

Savitzki-Golay Filter: Aspect ratio
600x30B
1.315ms to 3.075ms
1.315ms
1.745ms
2.315ms
3.075ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

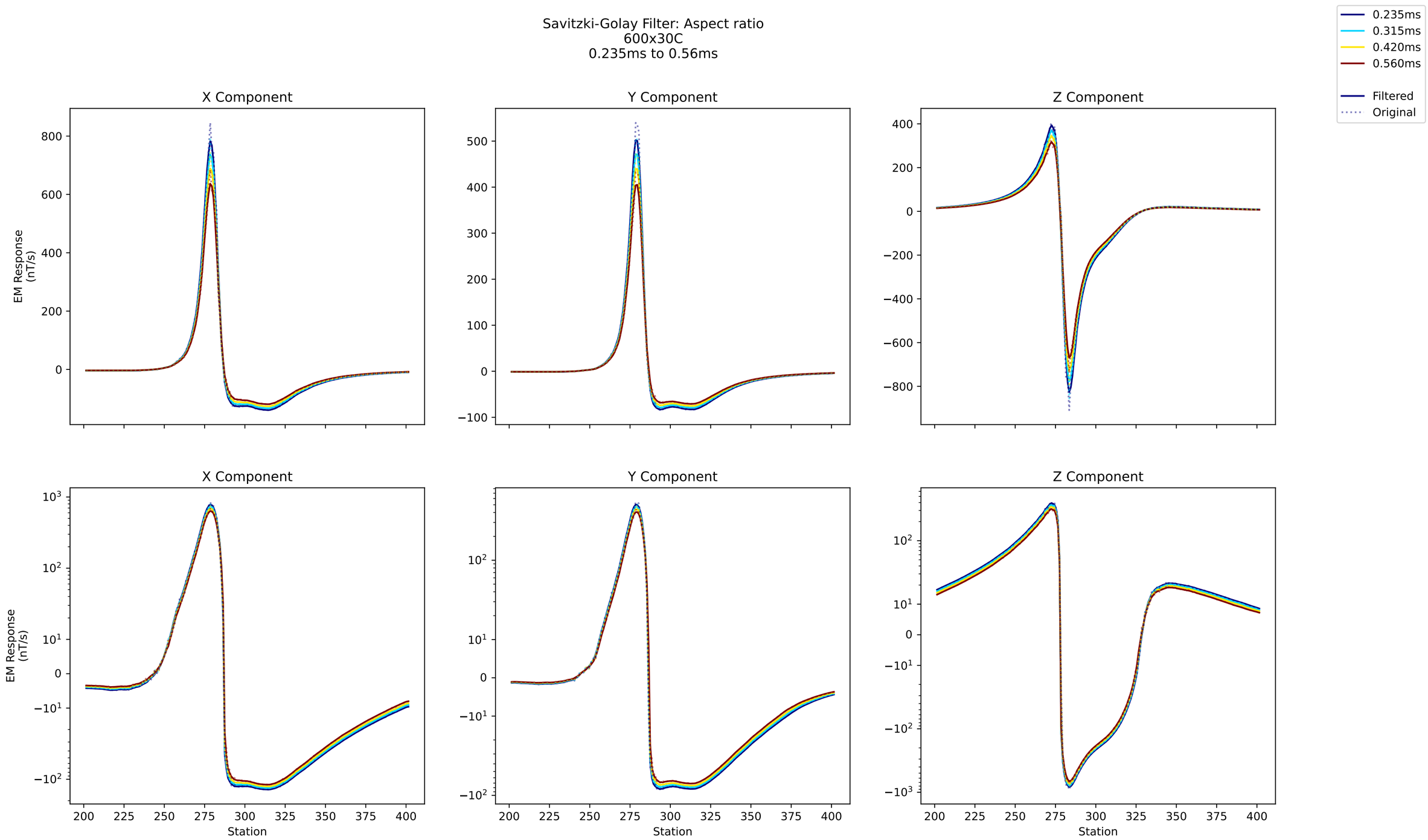

Savitzki-Golay Filter: Aspect ratio
600x30B
3.075ms to 7.205ms
3.075ms
4.085ms
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

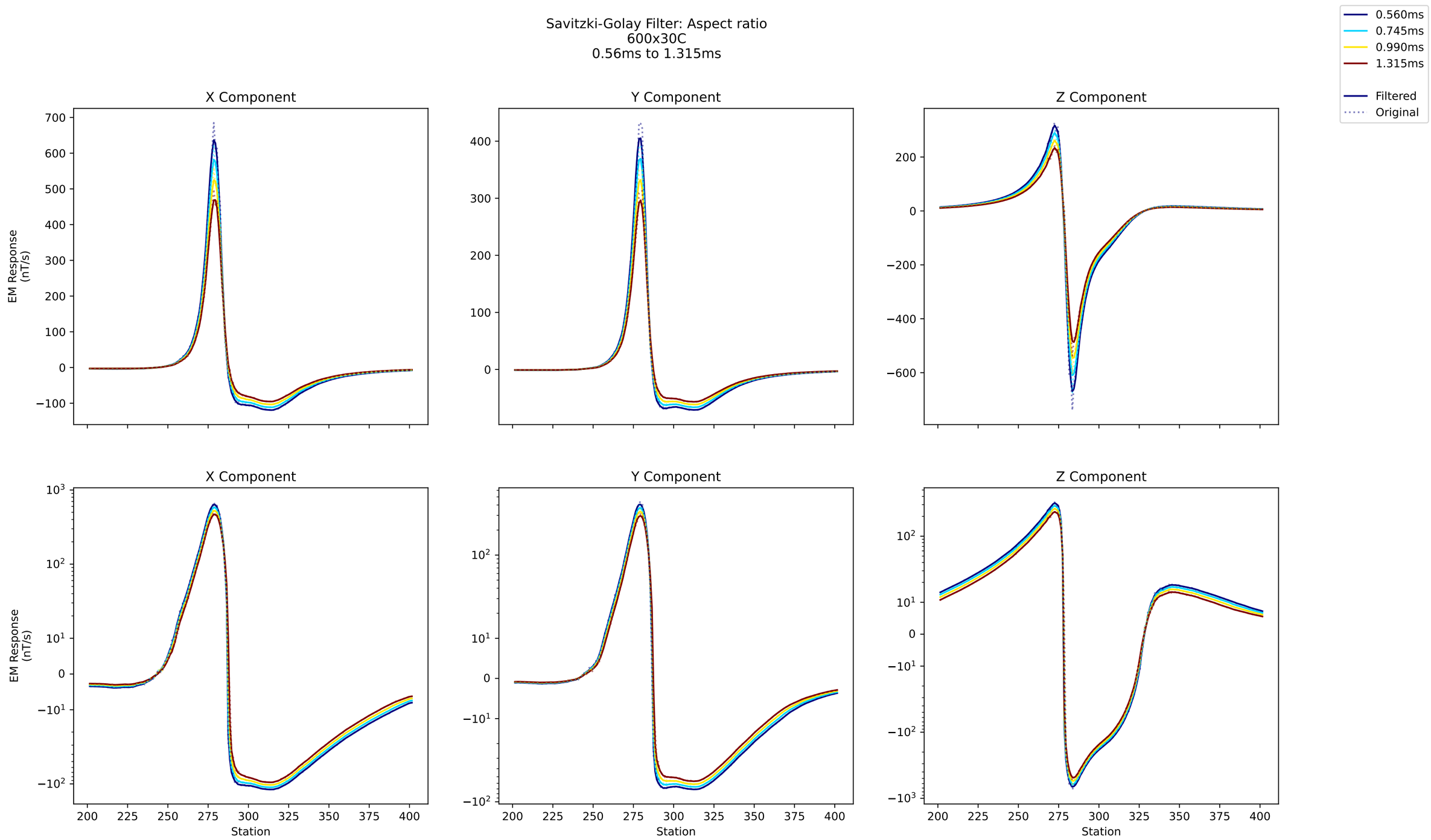

Savitzki-Golay Filter: Aspect ratio
600x30B
7.205ms to 22.73ms
7.205ms
9.570ms
12.660ms
22.730ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

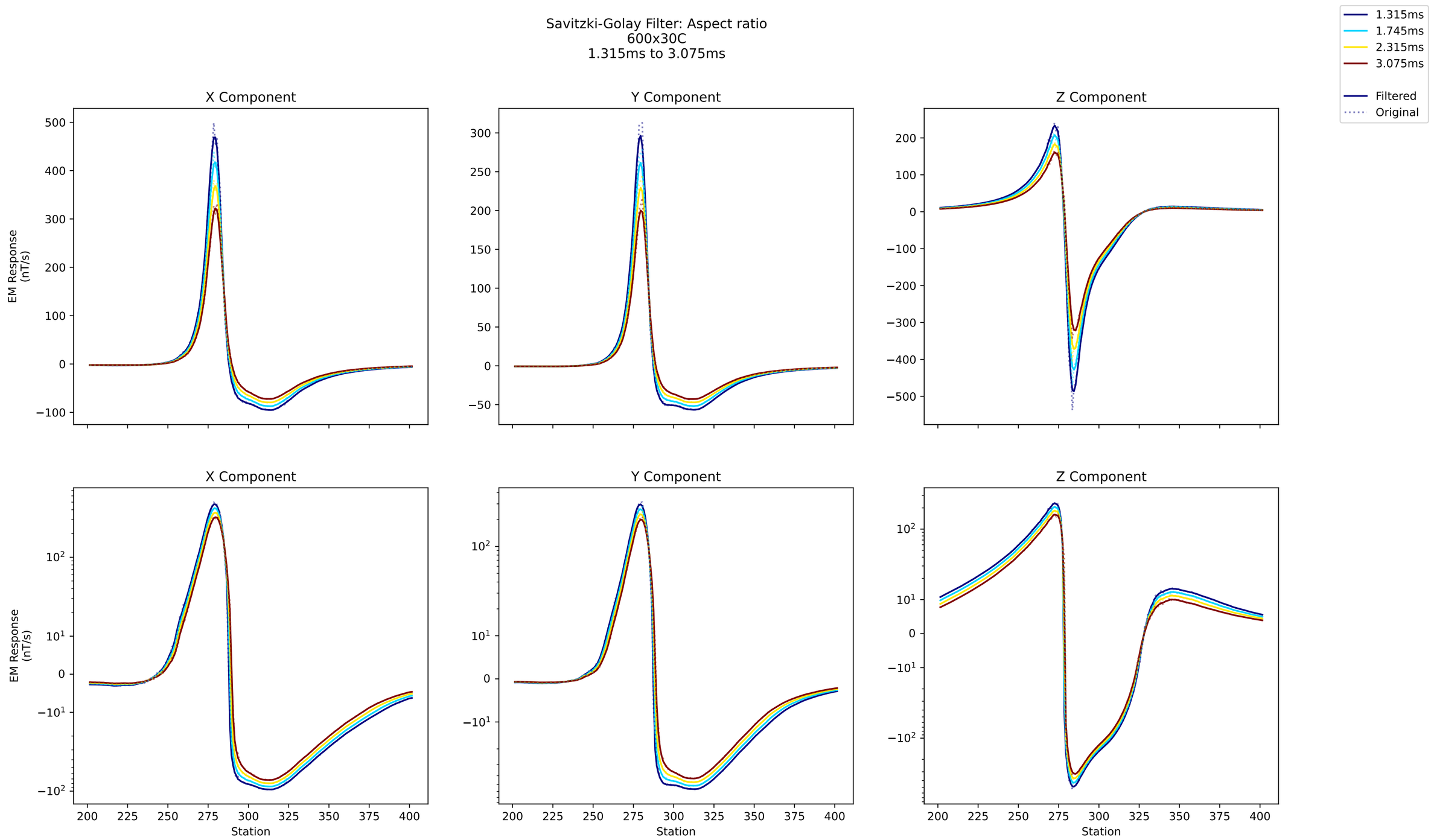

Savitzki-Golay Filter: Aspect ratio
600x30B
22.73ms to 48.115ms
22.730ms
39.395ms
48.115ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
4.5e+00
-2.0e+00
2.7e+00
-1.2e+00
2.4e+00
-4.8e+00
200
225
250
275
300
325
350
375
400
Station

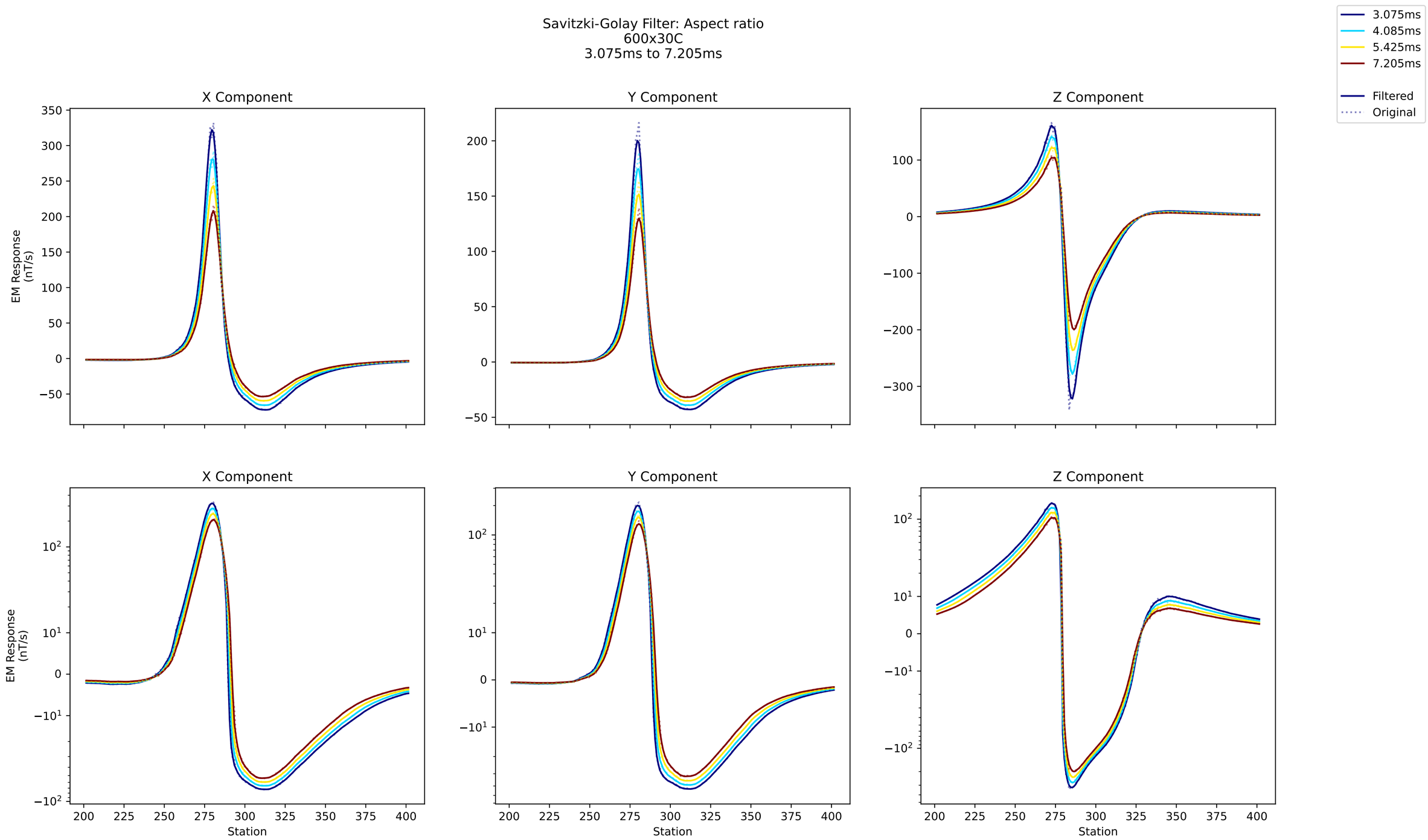

Savitzki-Golay Filter: Aspect ratio
600x30C
0.0255ms to 0.095ms
0.025ms
0.055ms
0.070ms
0.095ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

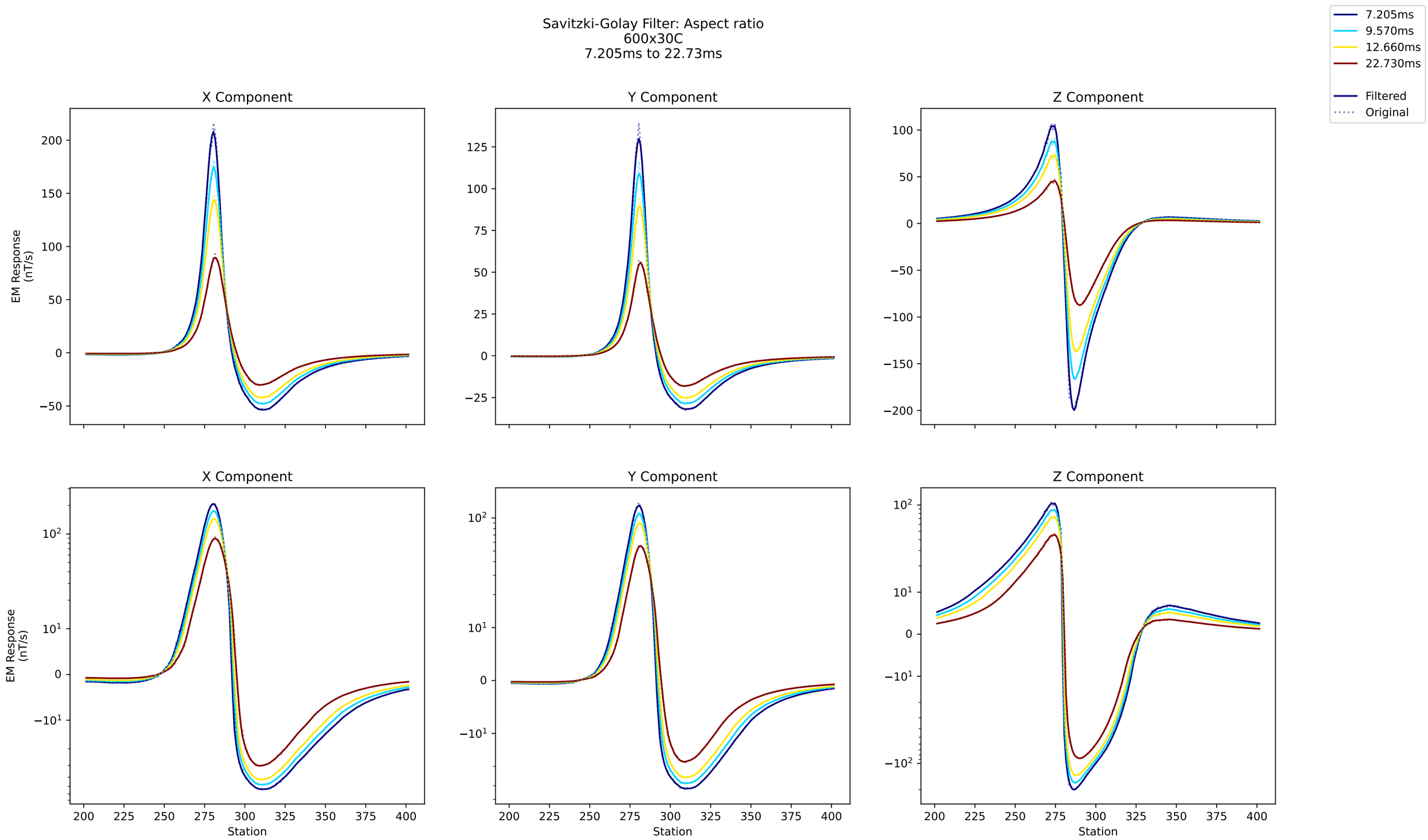

Savitzki-Golay Filter: Aspect ratio
600x30C
0.095ms to 0.235ms
0.095ms
0.130ms
0.175ms
0.235ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

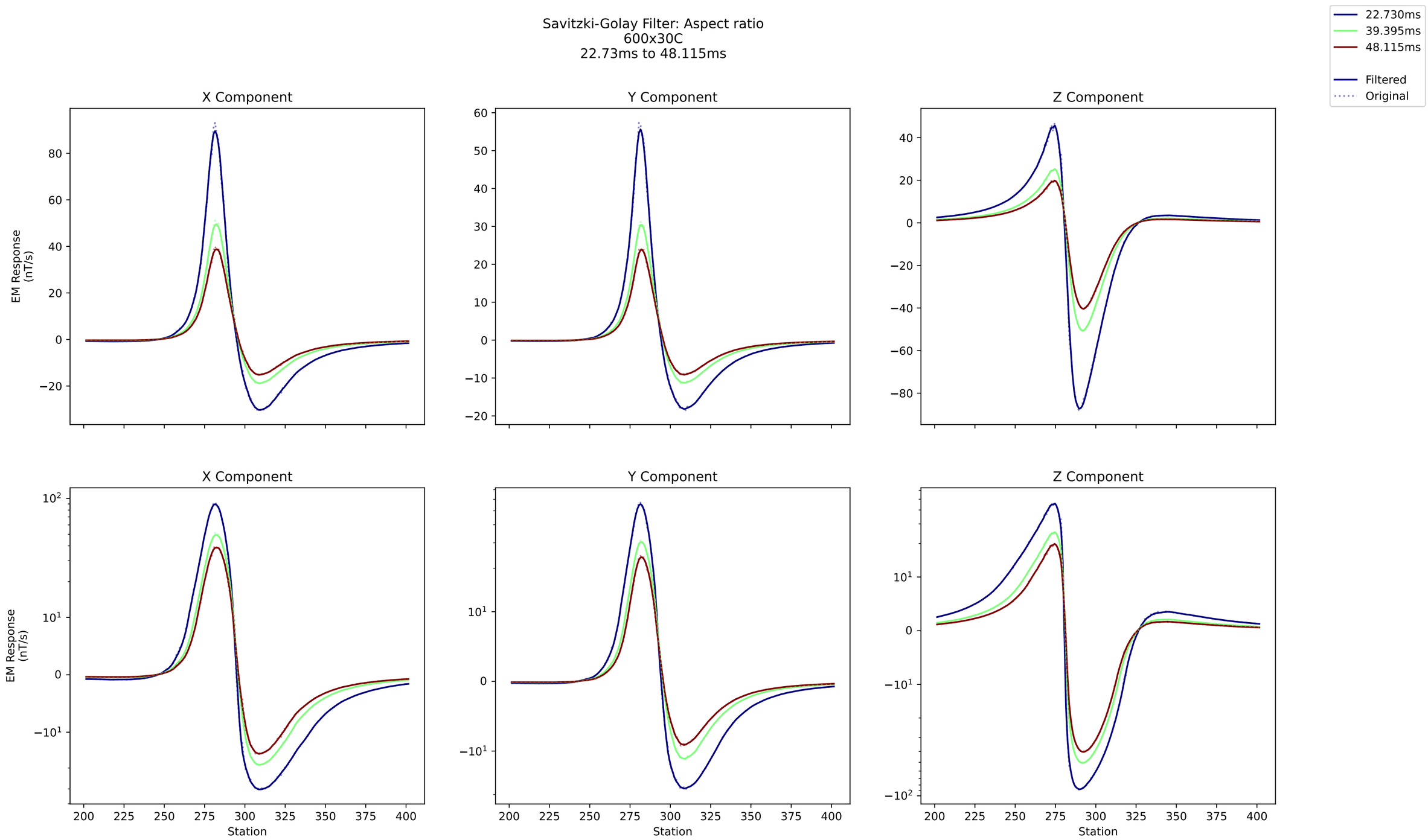

Savitzki-Golay Filter: Aspect ratio
600x30C
0.235ms to 0.56ms
0.235ms
0.315ms
0.420ms
0.560ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

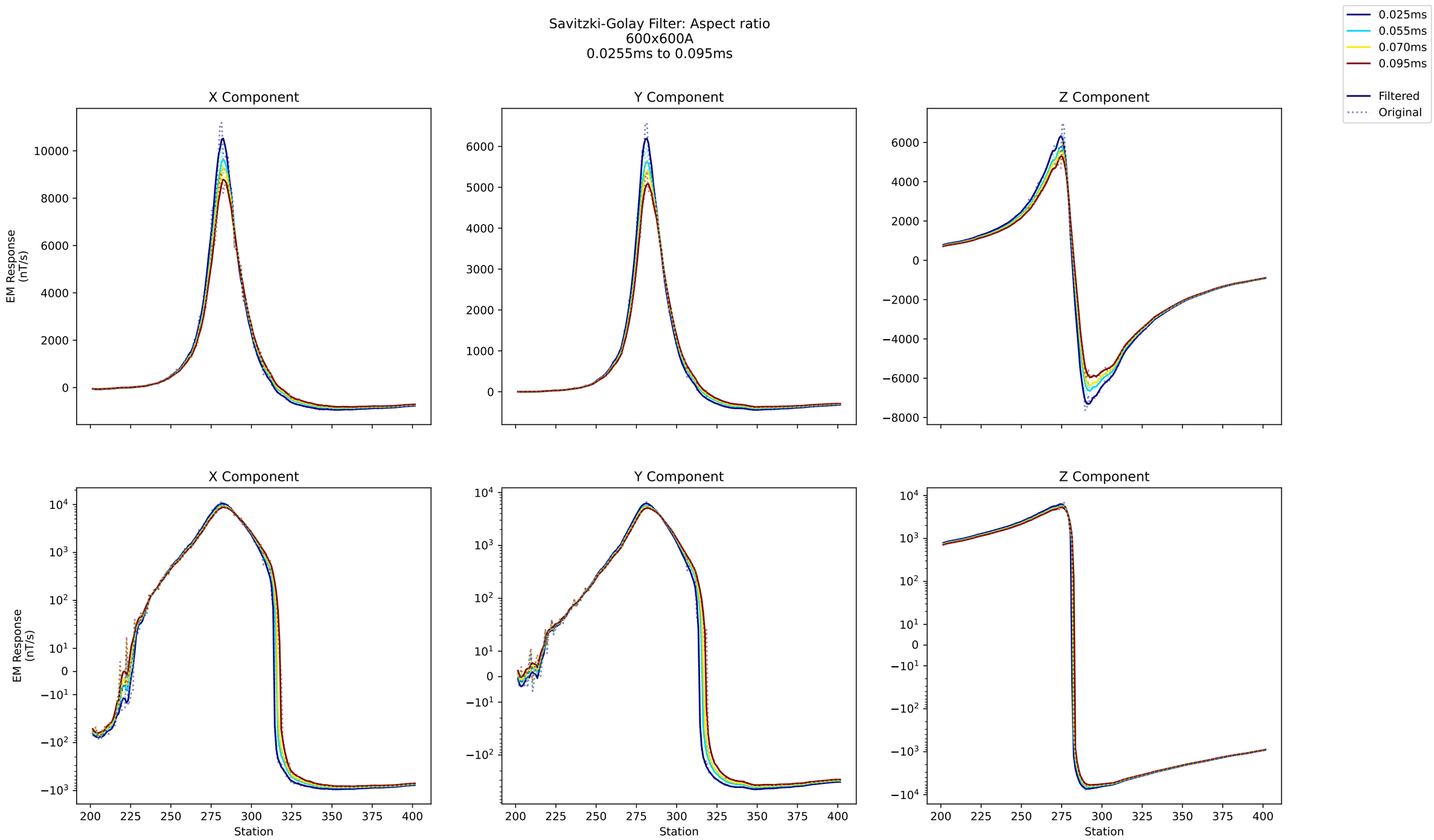

Savitzki-Golay Filter: Aspect ratio
600x30C
0.56ms to 1.315ms
0.560ms
0.745ms
0.990ms
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
600x30C
1.315ms to 3.075ms
1.315ms
1.745ms
2.315ms
3.075ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
600x30C
3.075ms to 7.205ms
3.075ms
4.085ms
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
600x30C
7.205ms to 22.73ms
7.205ms
9.570ms
12.660ms
22.730ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
600x30C
22.73ms to 48.115ms
22.730ms
39.395ms
48.115ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
600x600A
0.0255ms to 0.095ms
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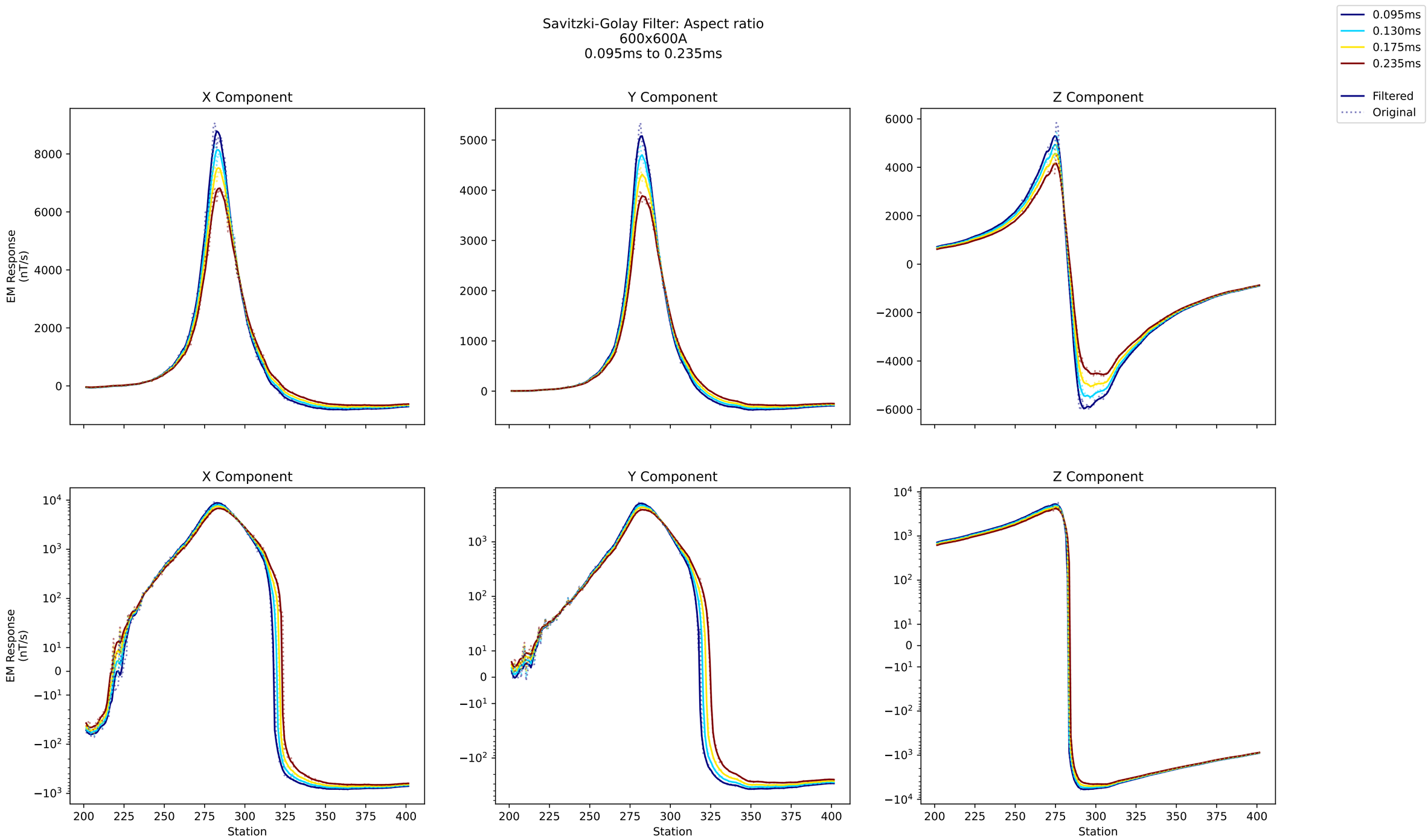
0.055ms
0.070ms
0.095ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
600x600A
0.095ms to 0.235ms
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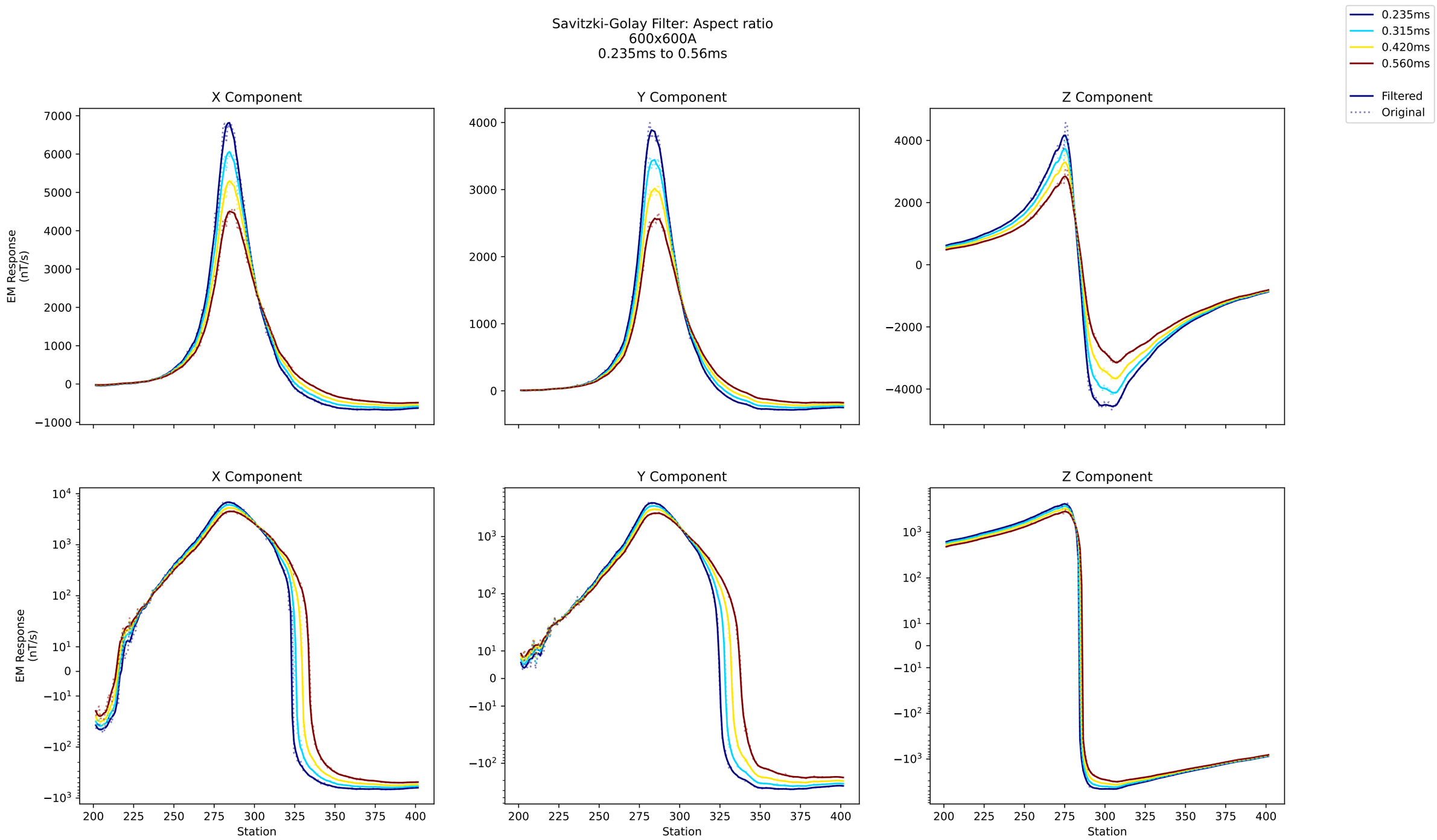
0.175ms
0.235ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station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Filtered
Original
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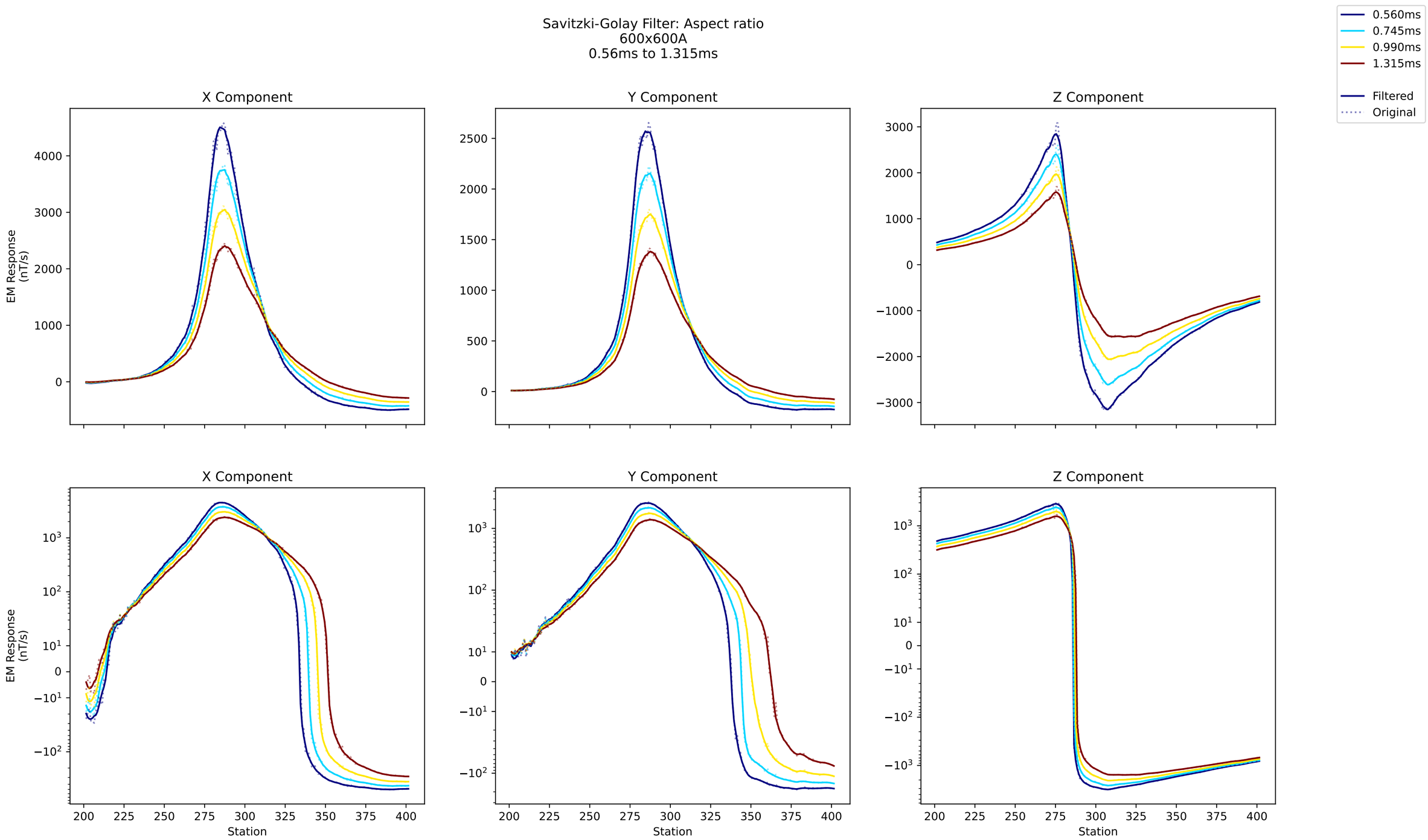
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
600x600A
0.56ms to 1.315ms
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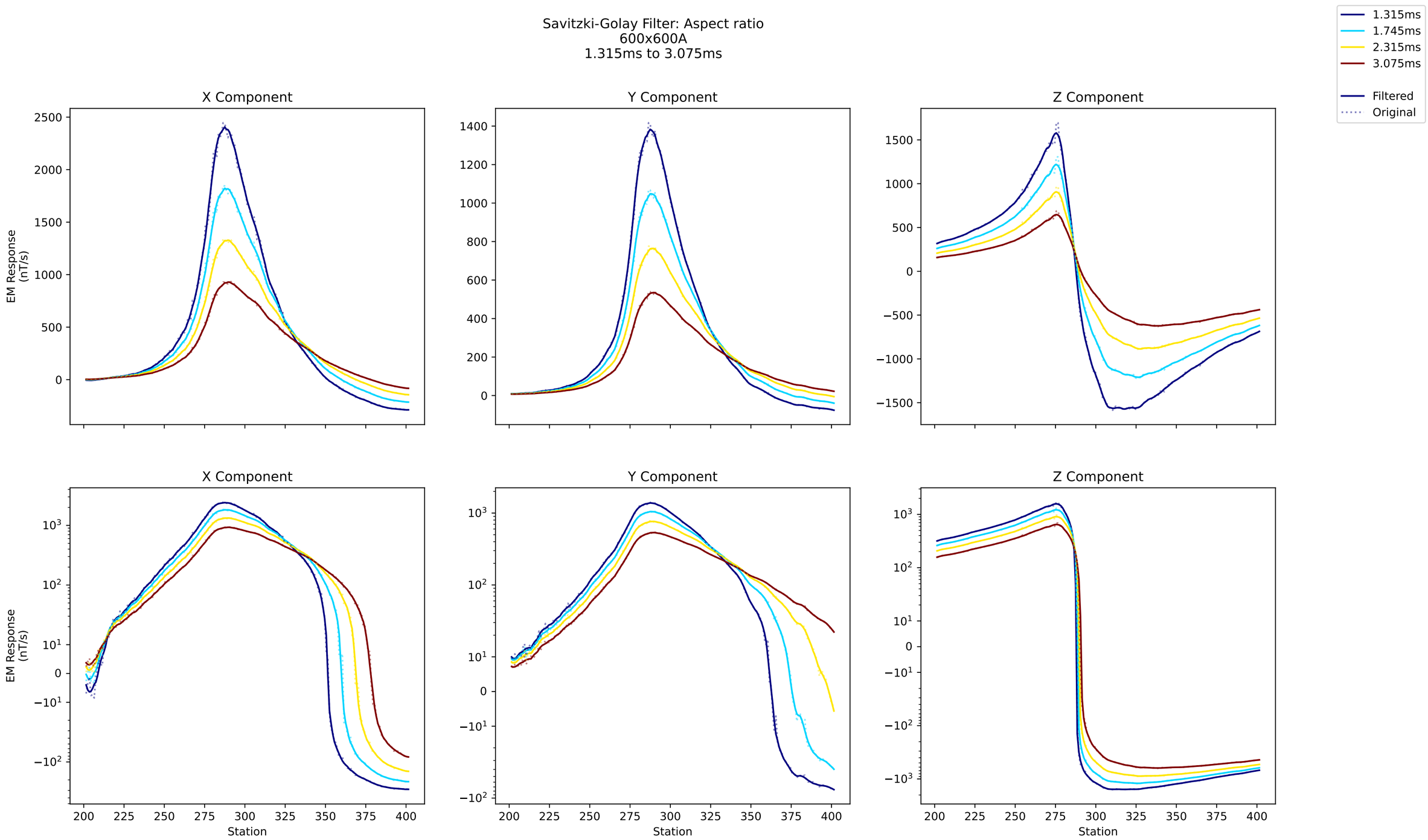
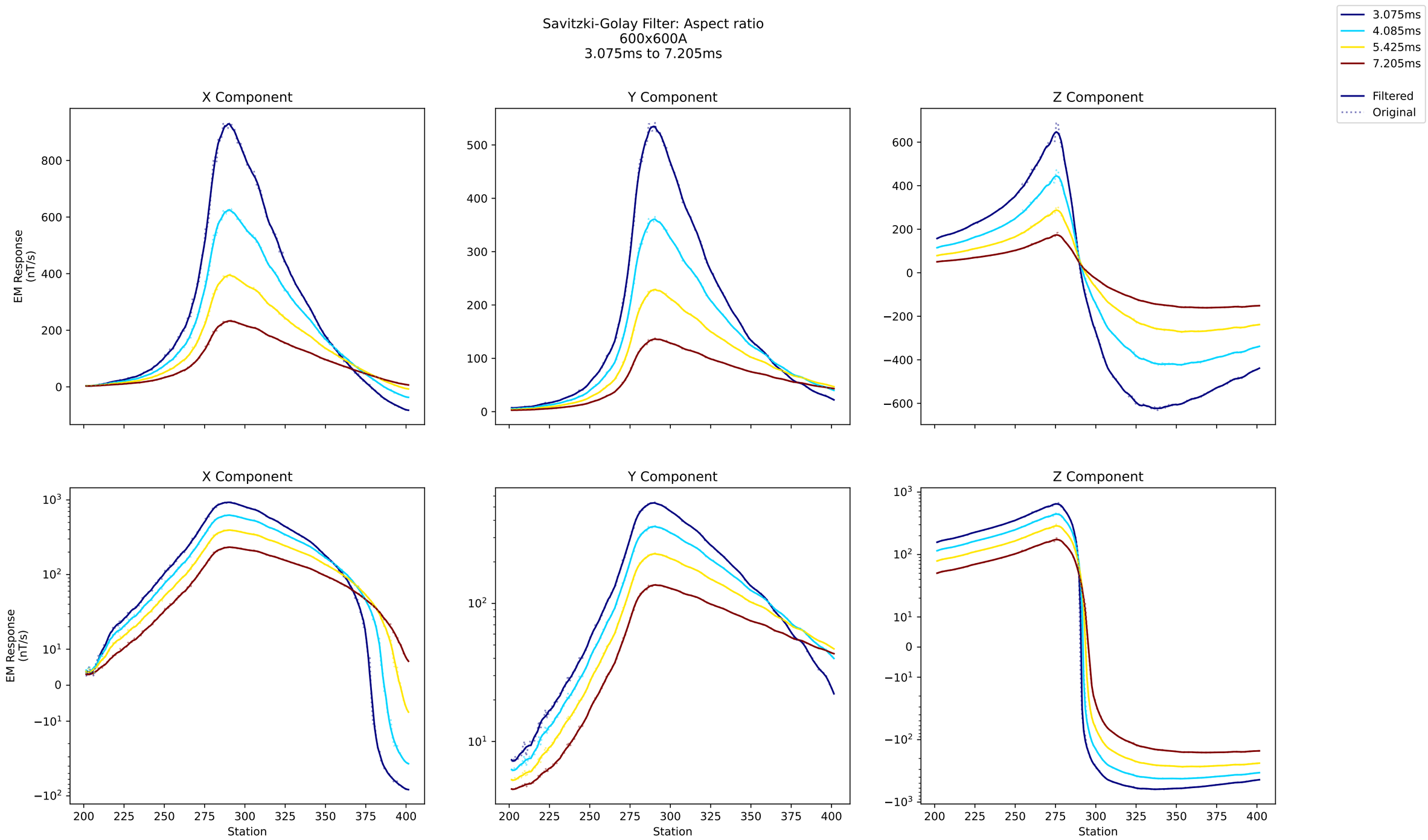
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
600x600A
1.315ms to 3.075ms
1.315ms
1.745ms
2.315ms
3.075ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
600x600A
3.075ms to 7.205ms
3.075ms
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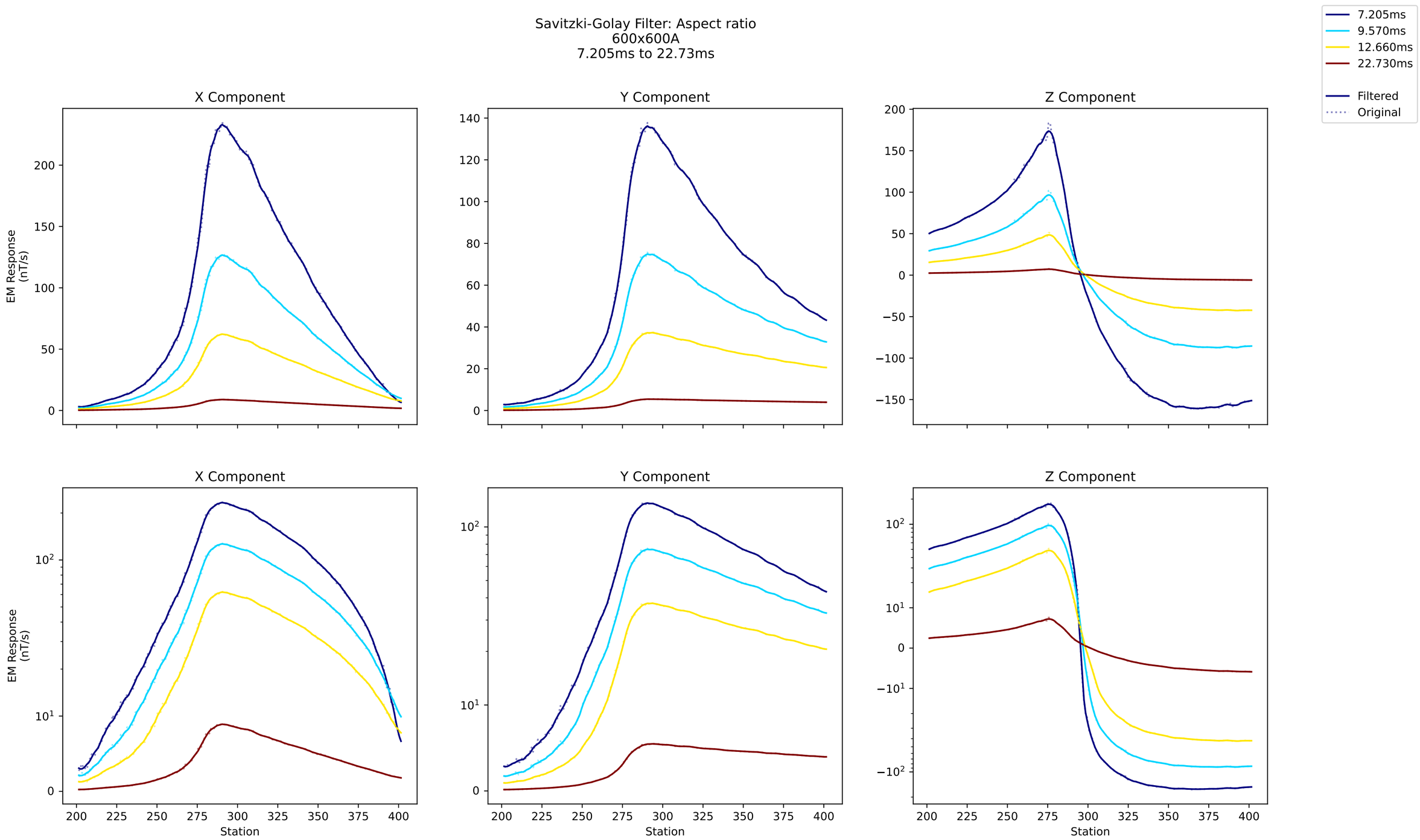
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
600x600A
7.205ms to 22.73ms
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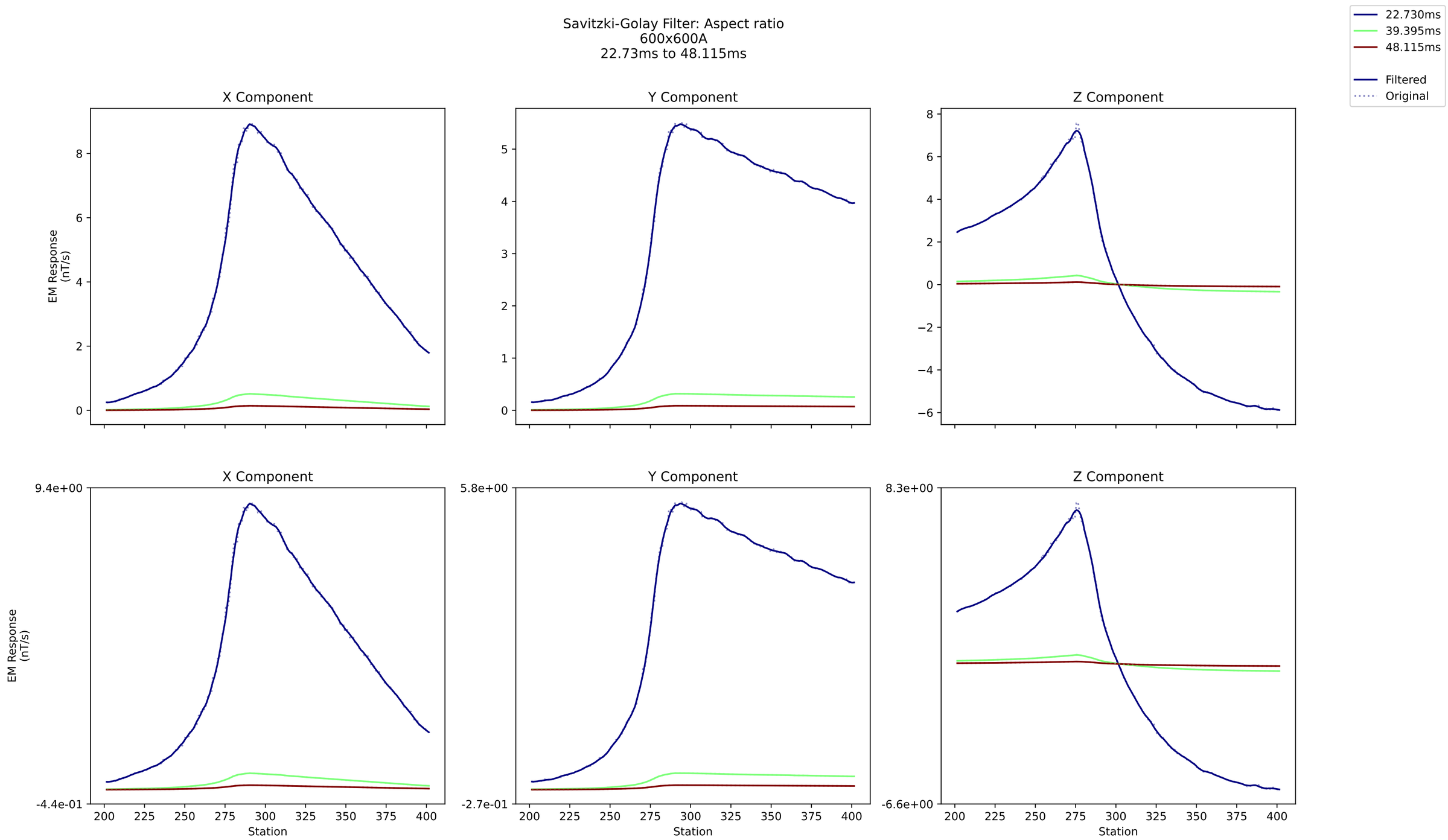
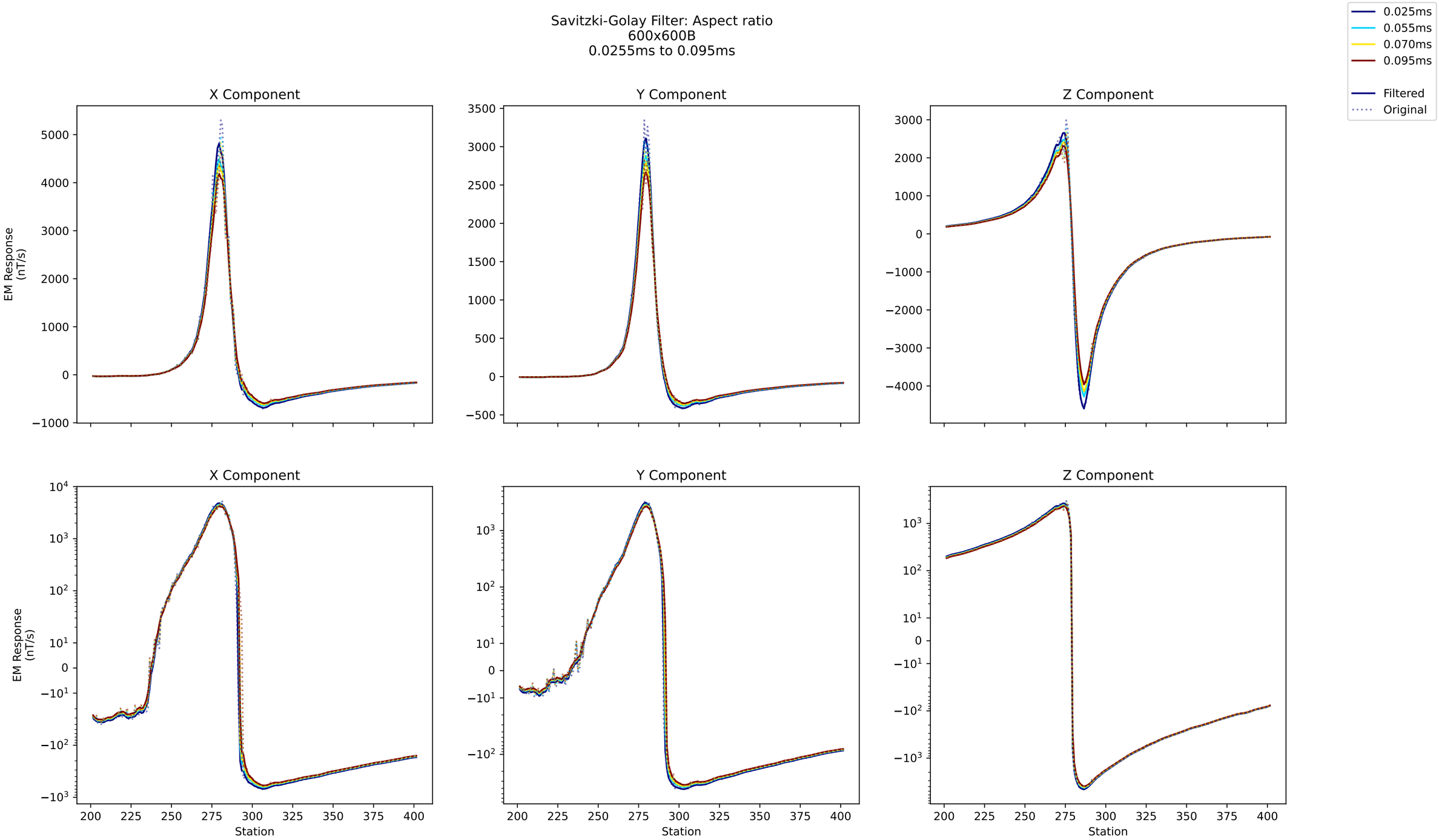
22.730ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
600x600A
22.73ms to 48.115ms
22.730ms
39.395ms
48.115ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station
9.4e+00
-4.4e-01
5.8e+00
-2.7e-01
8.3e+00
-6.6e+00
200
225
250
275
300
325
350
375
400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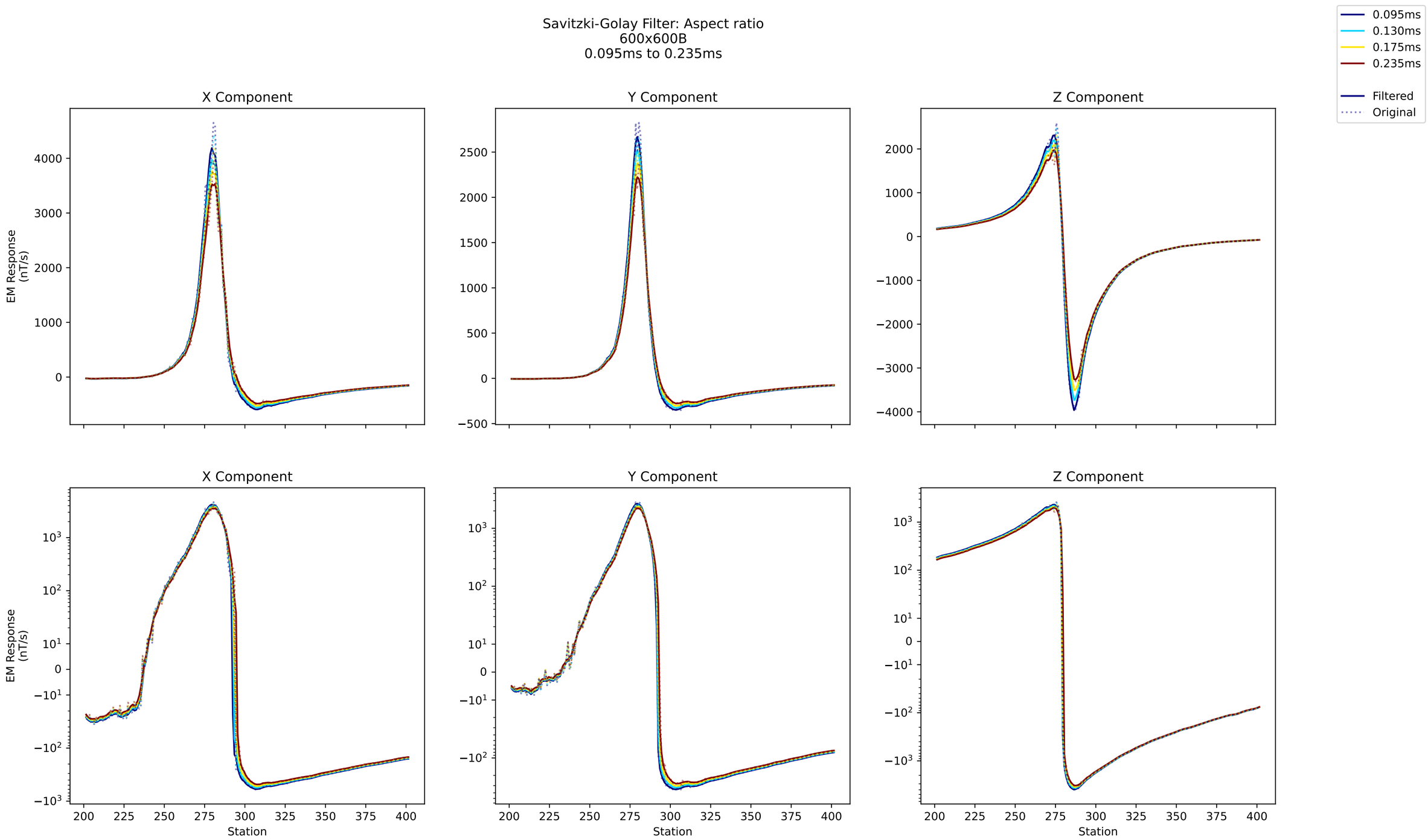
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
EM Response
(nT/s)
Station
Station
Station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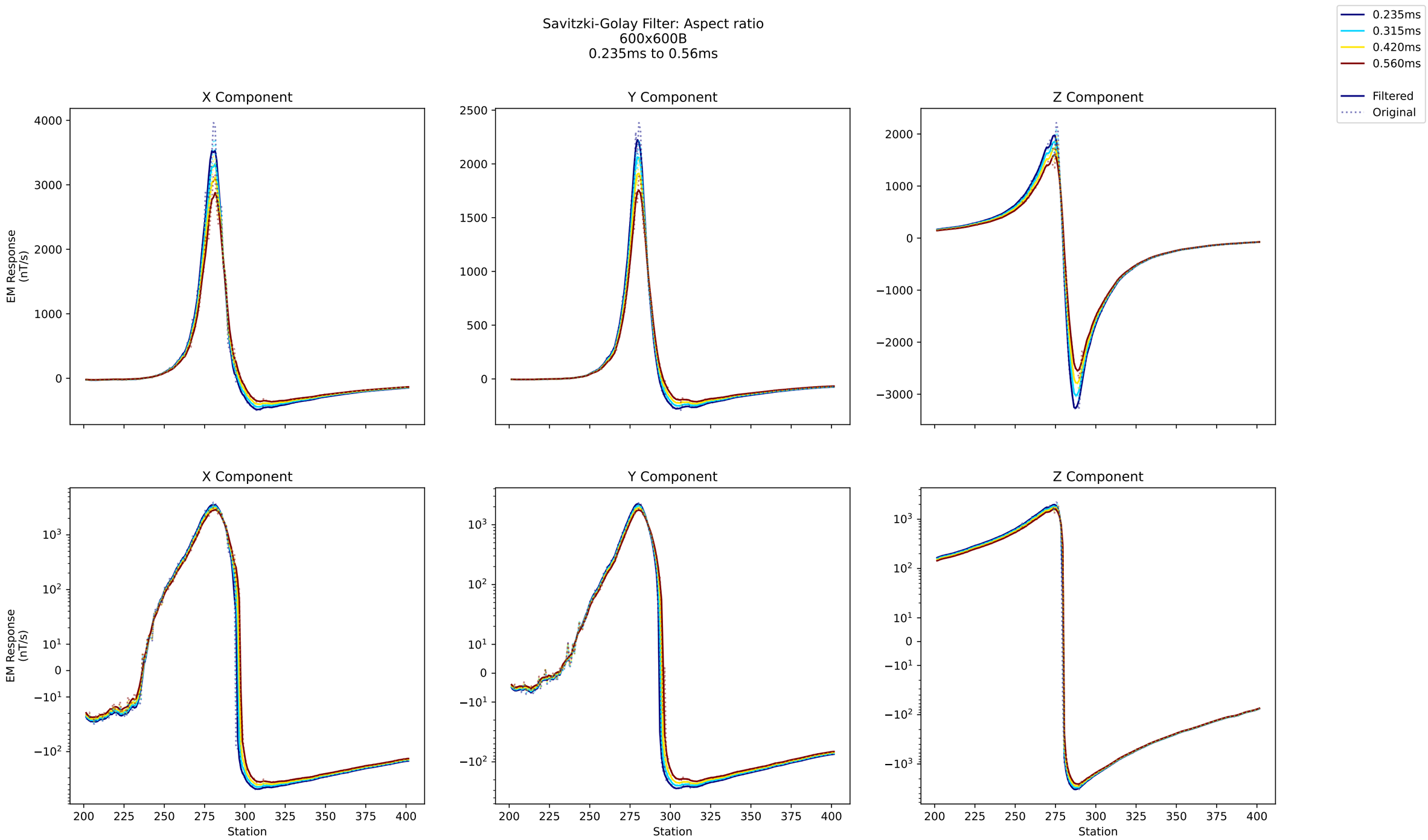
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station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0.315ms
0.420ms
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Filtered
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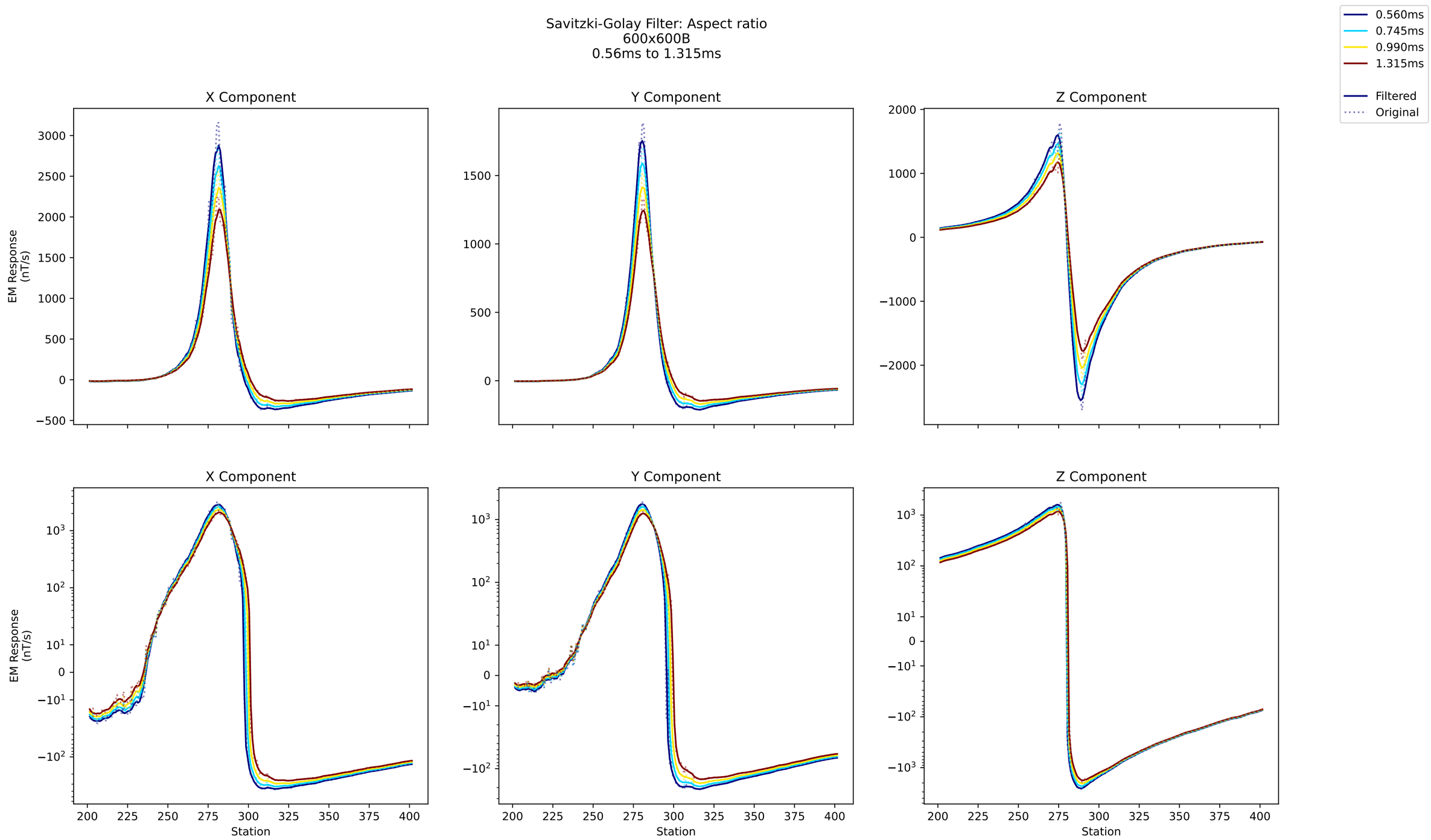
X Component
Y Component
Z Component
EM Response
(nT/s)
EM Response
(nT/s)
Station
Station
Station


Savitzki-Golay Filter: Aspect ratio
600x600B
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0.560ms
0.745ms
0.990ms
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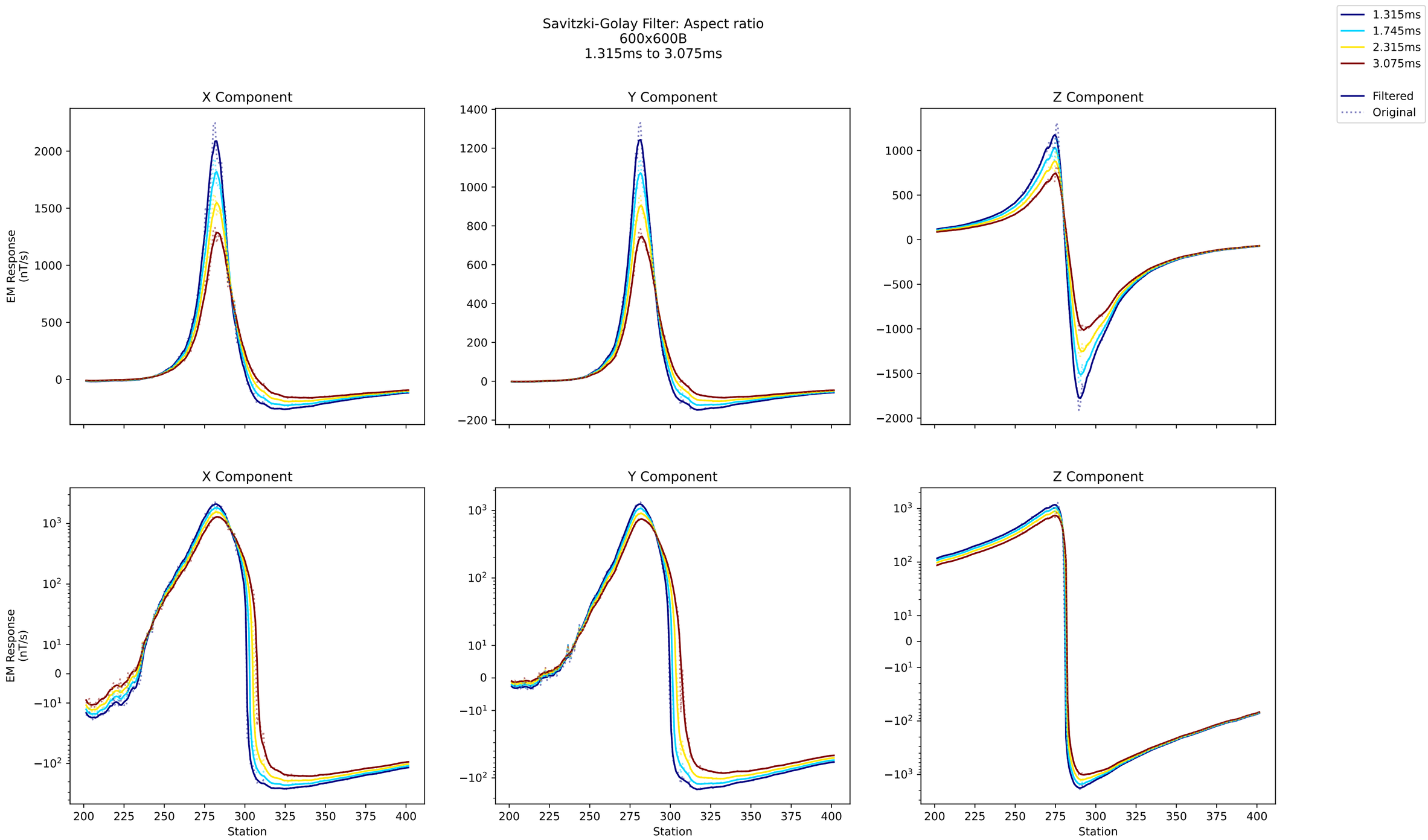
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
EM Response
(nT/s)
Station
Station
Station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Filtered
Original
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Y Component
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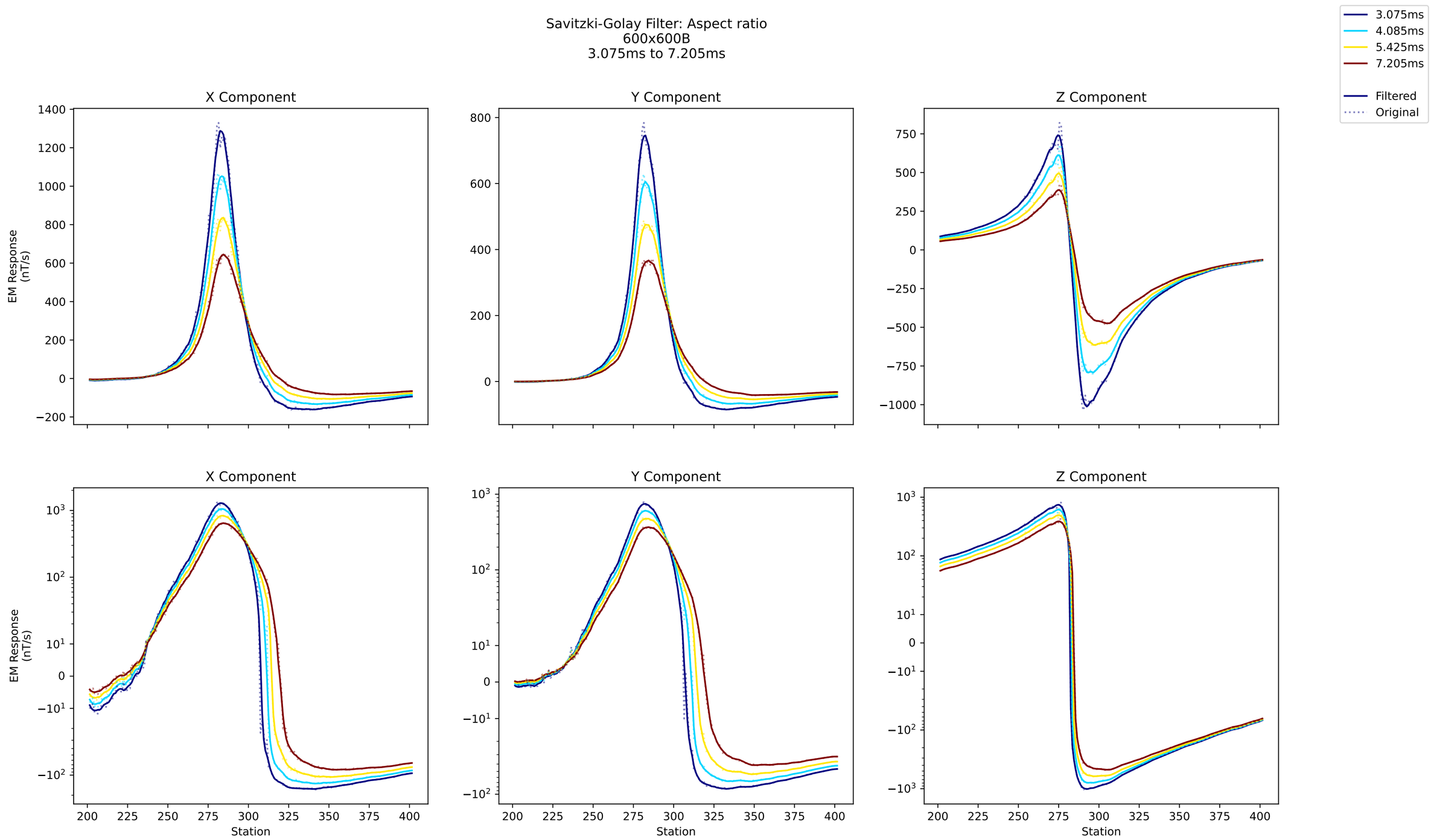
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
600x600B
3.075ms to 7.205ms
3.075ms
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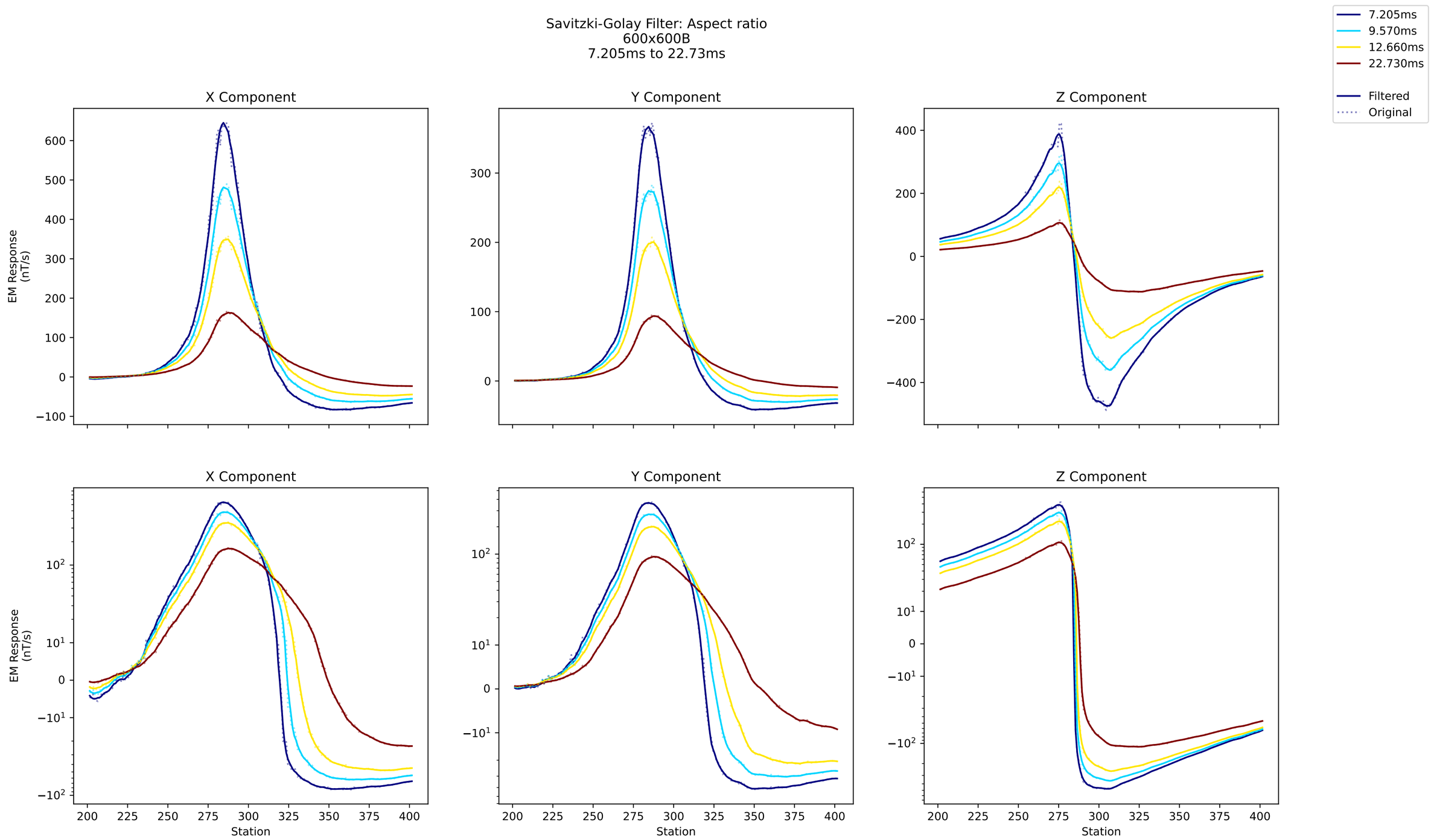
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station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7.205ms to 22.73ms
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Filtered
Original
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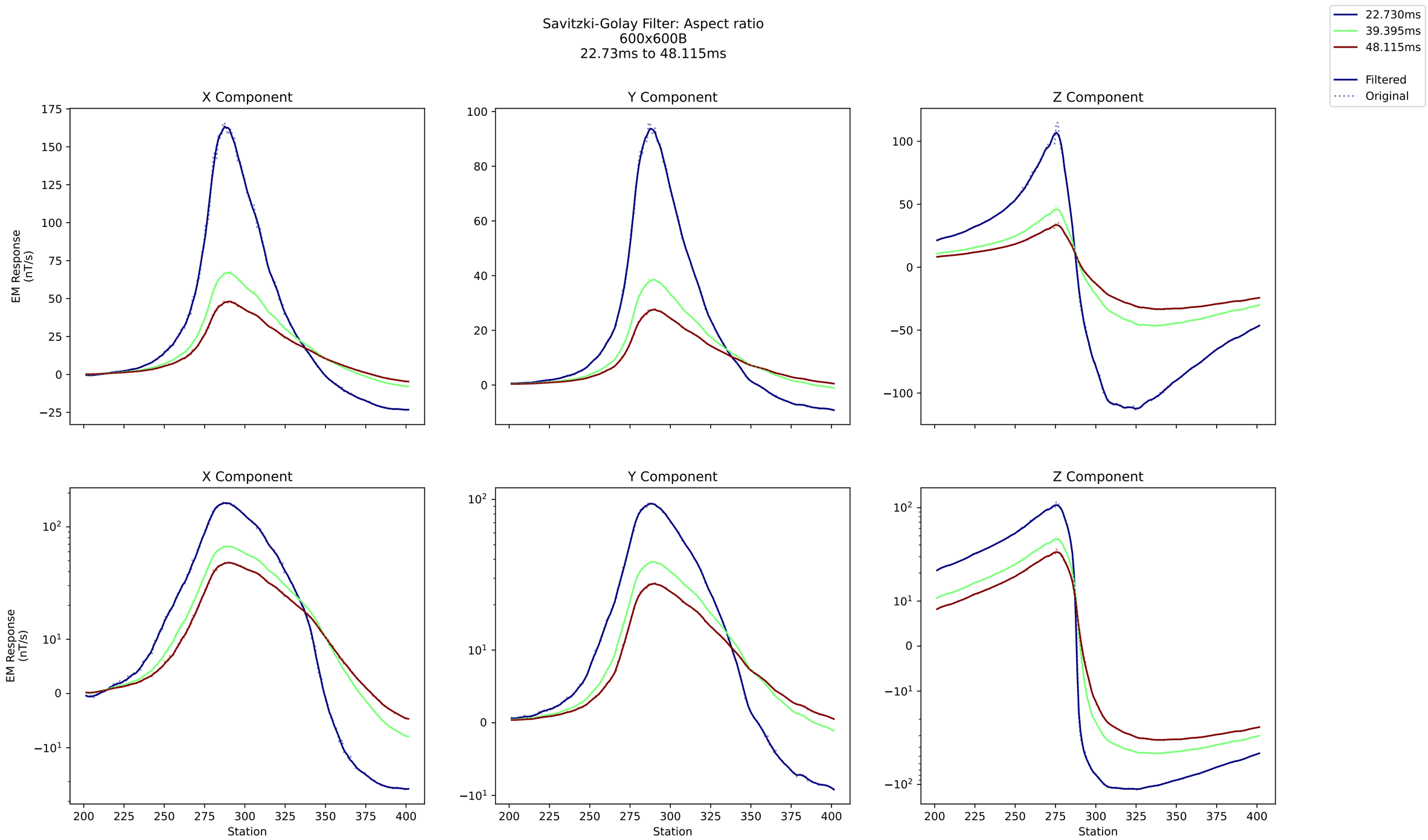
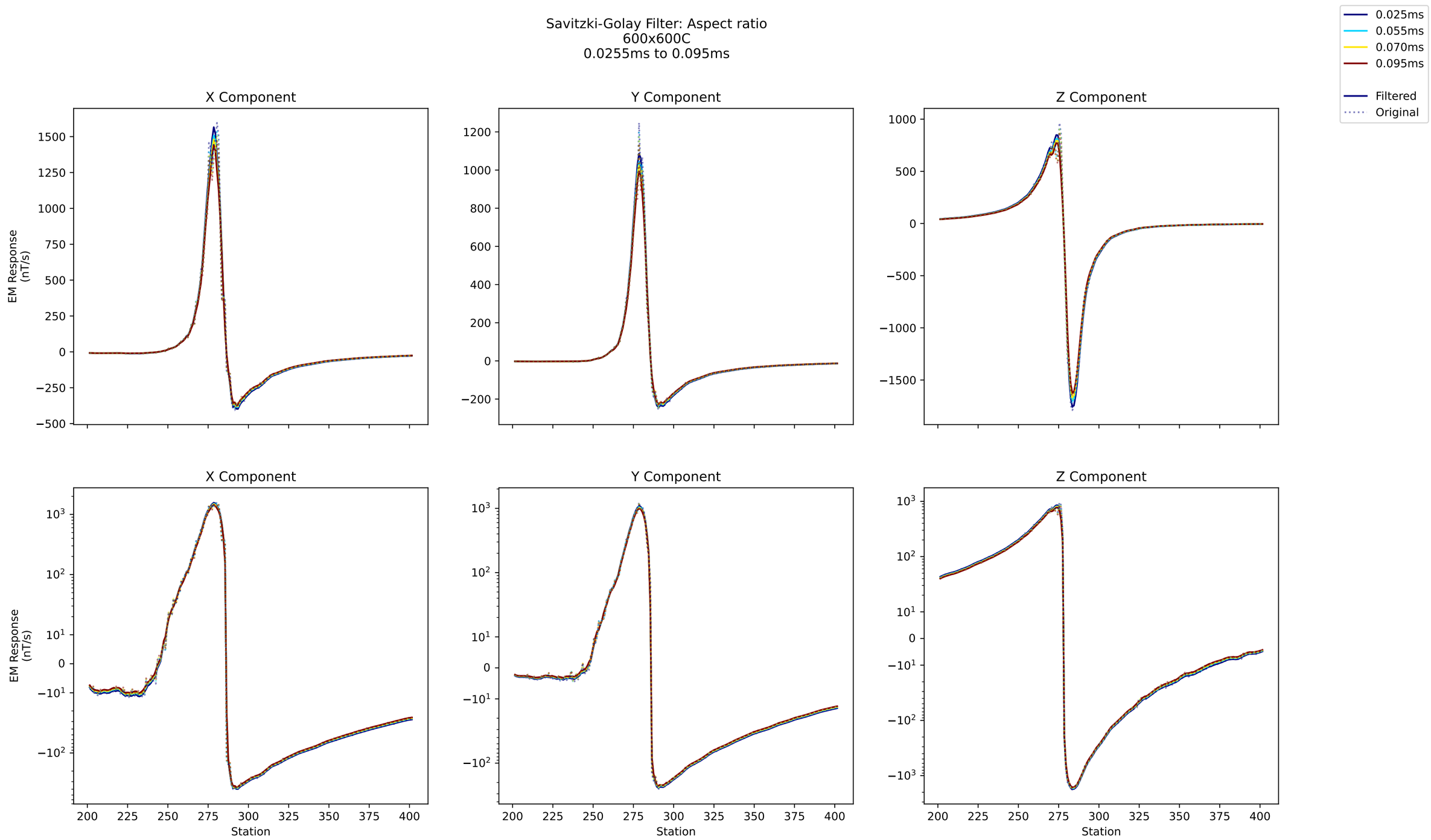
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
600x600B
22.73ms to 48.115ms
22.730ms
39.395ms
48.115ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
600x600C
0.0255ms to 0.095ms
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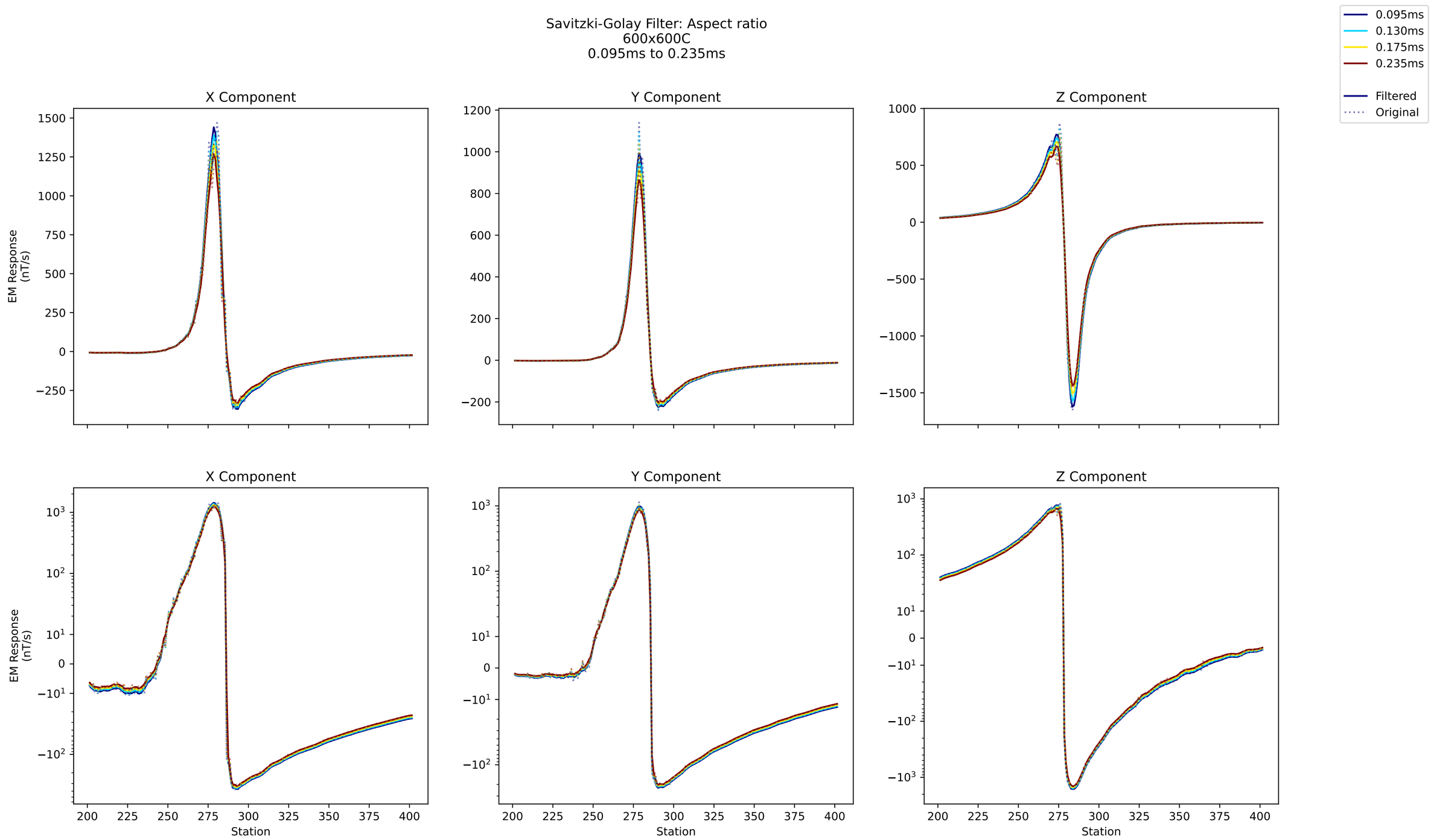
0.070ms
0.095ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station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Filtered
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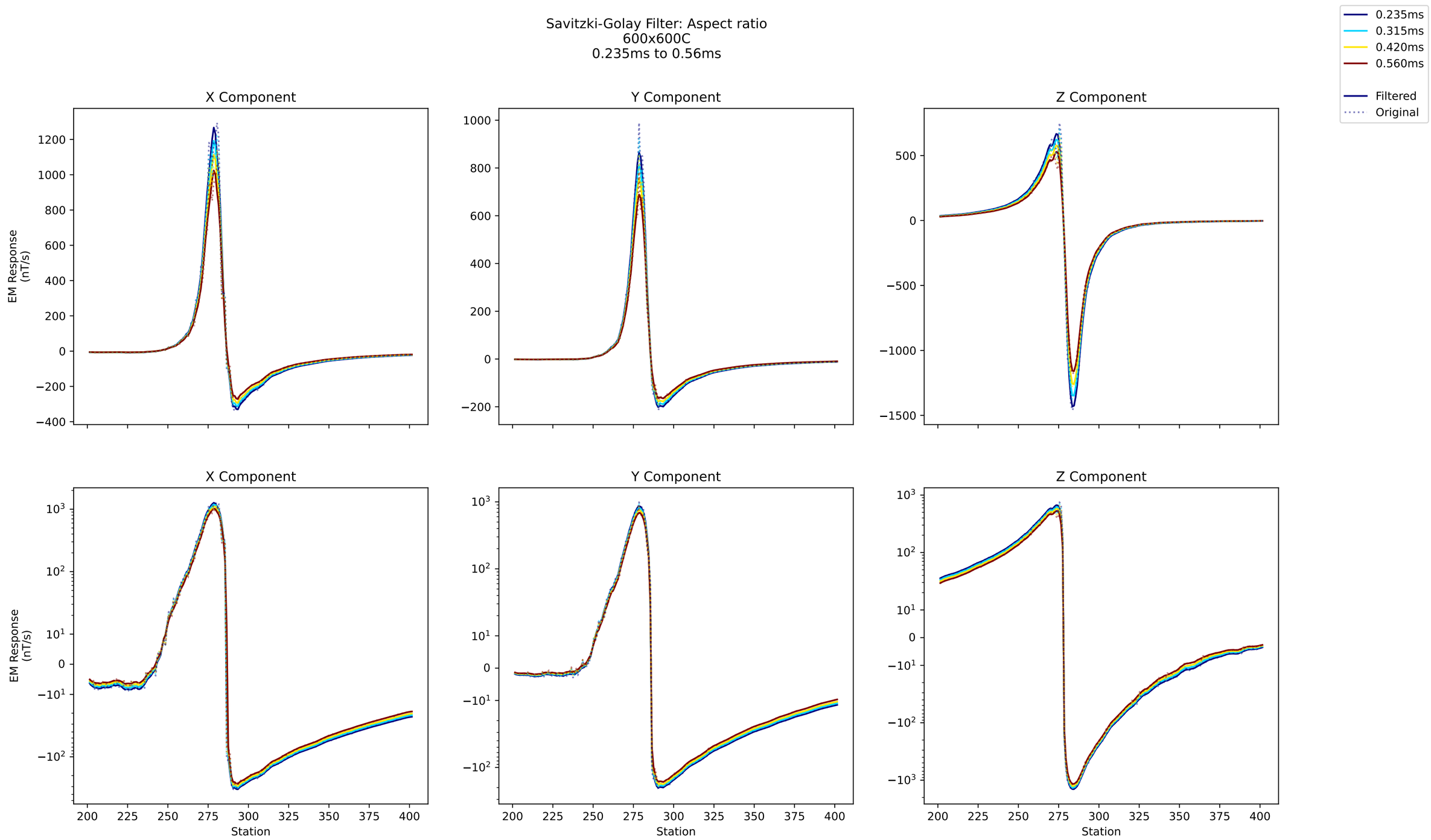
Y Component
Z Component
EM Response
(nT/s)
Station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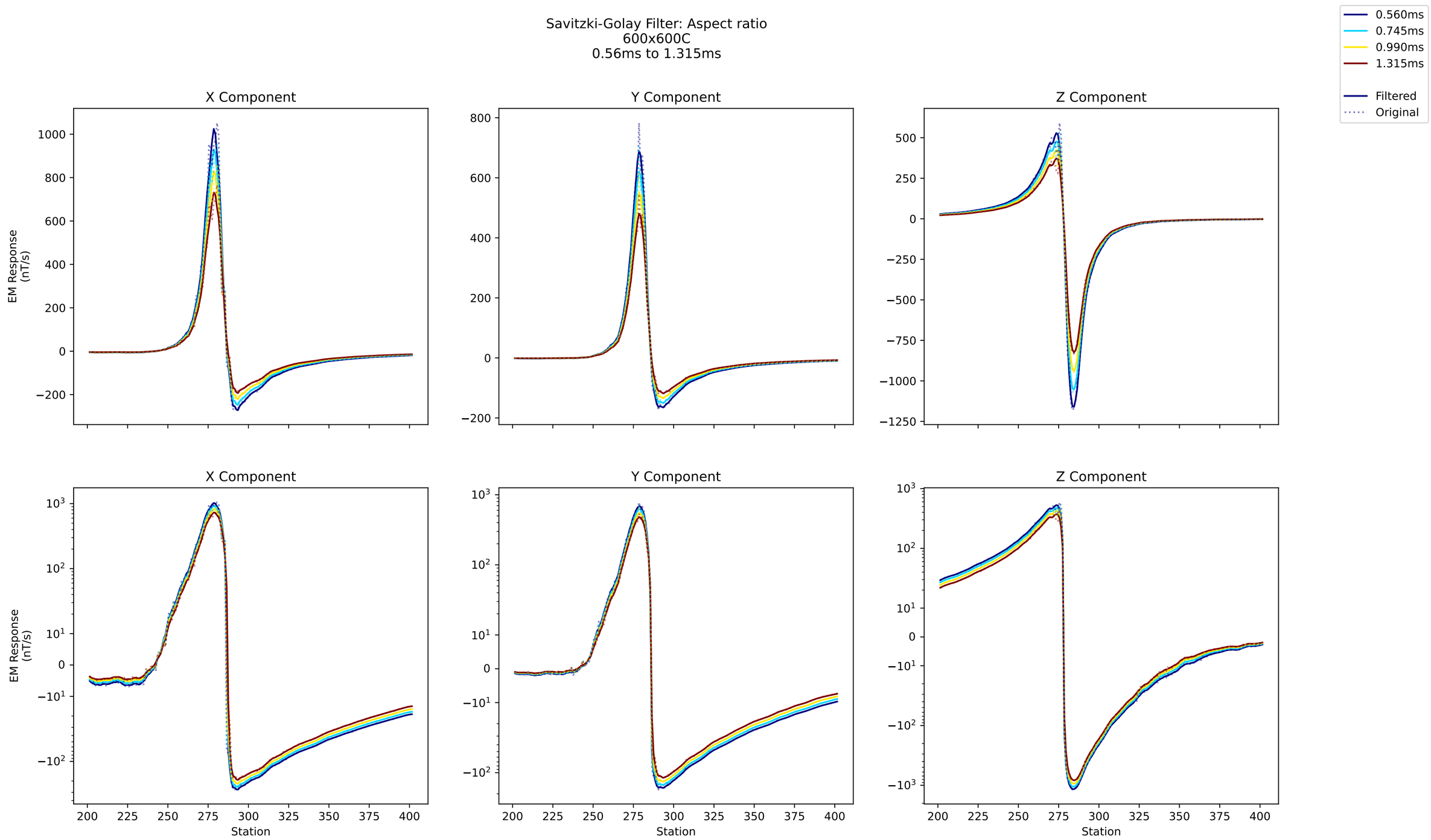
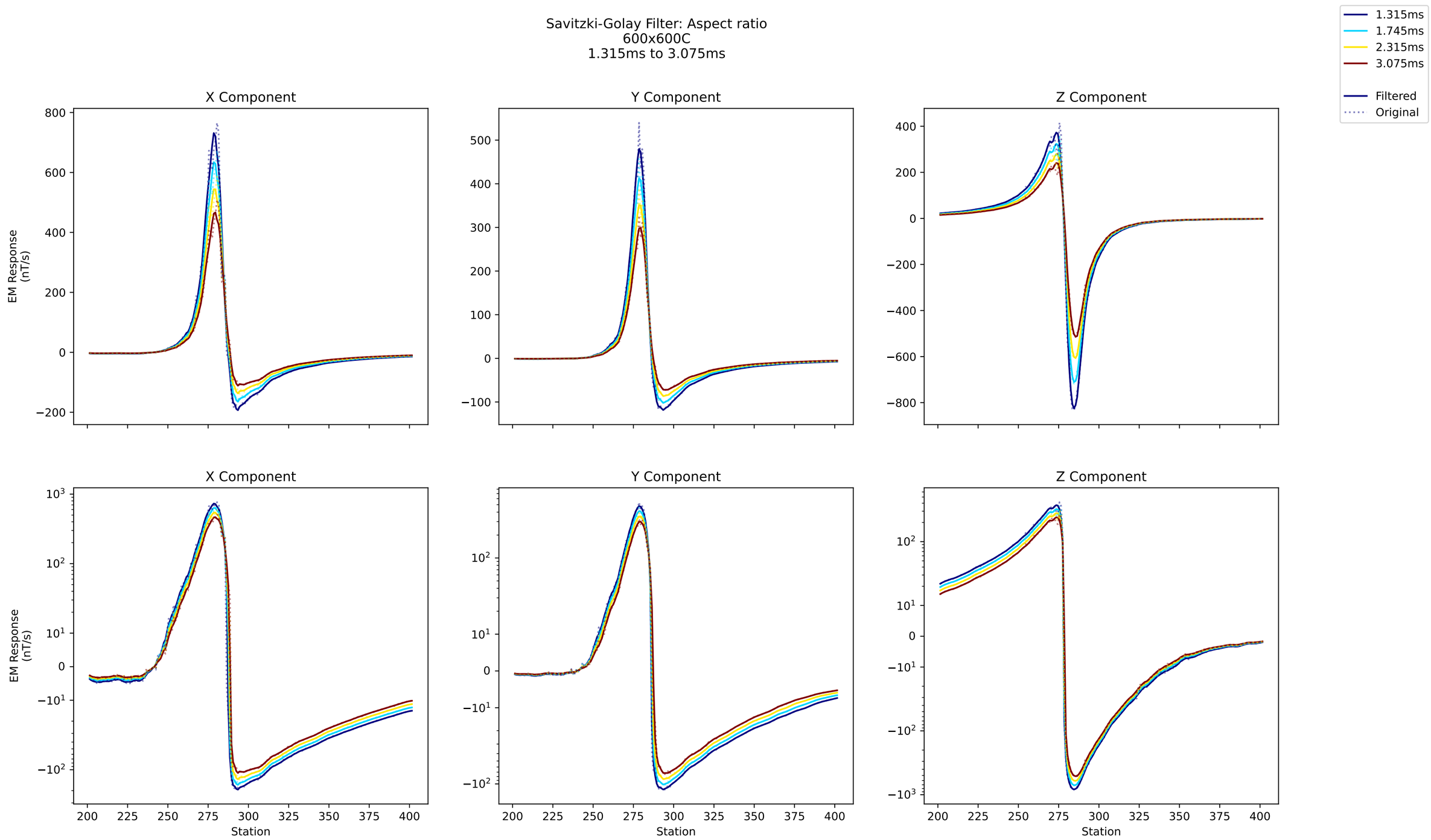
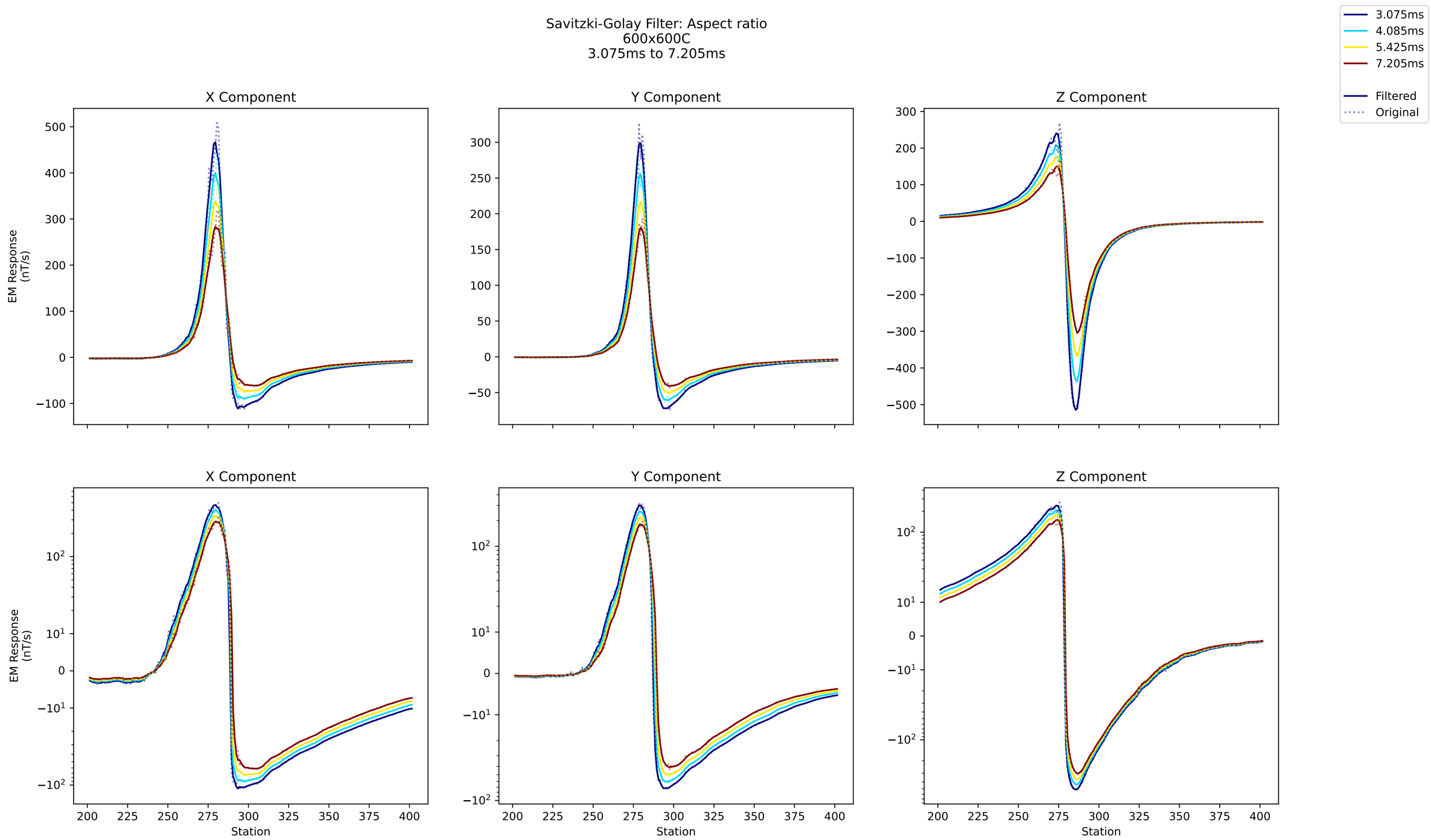
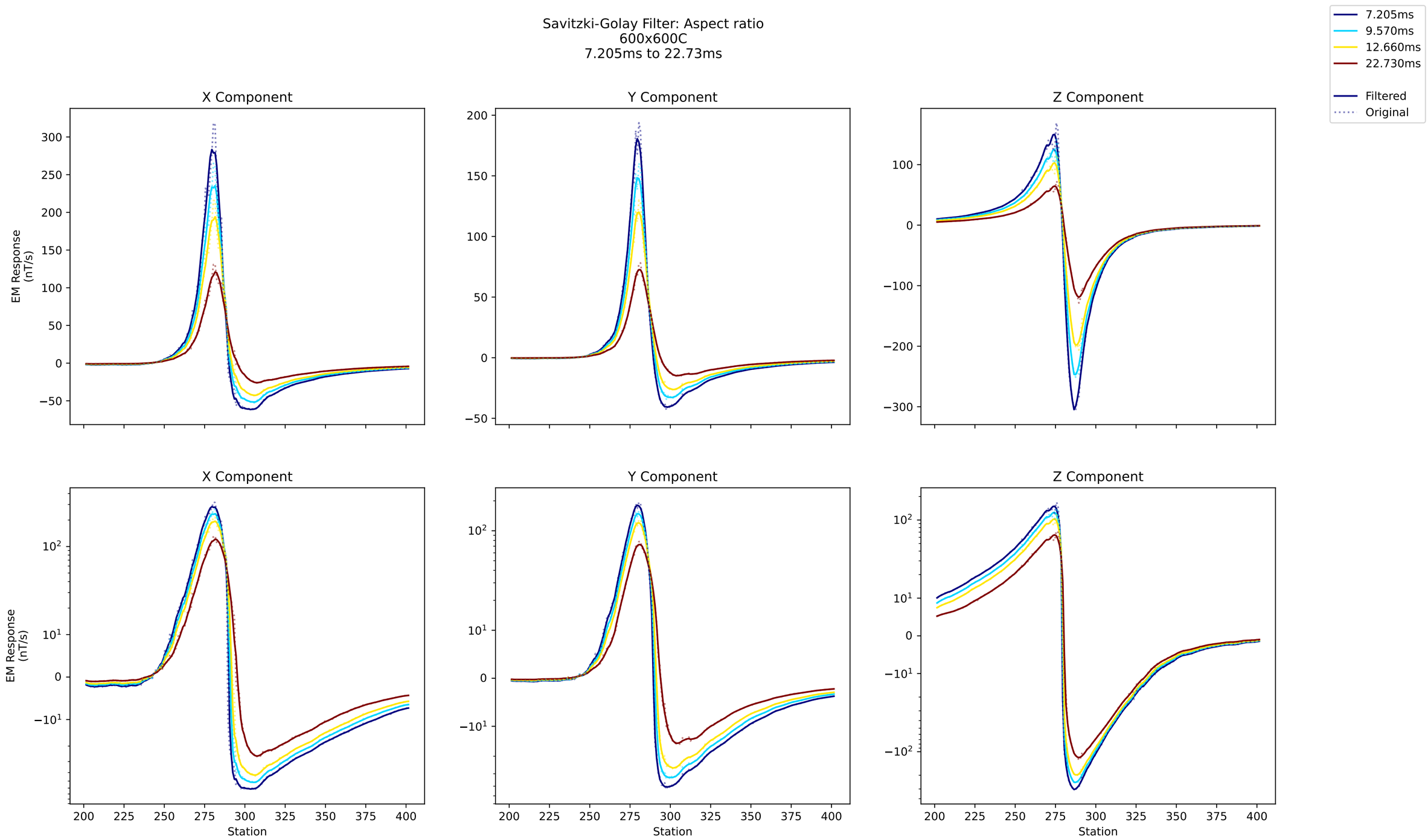
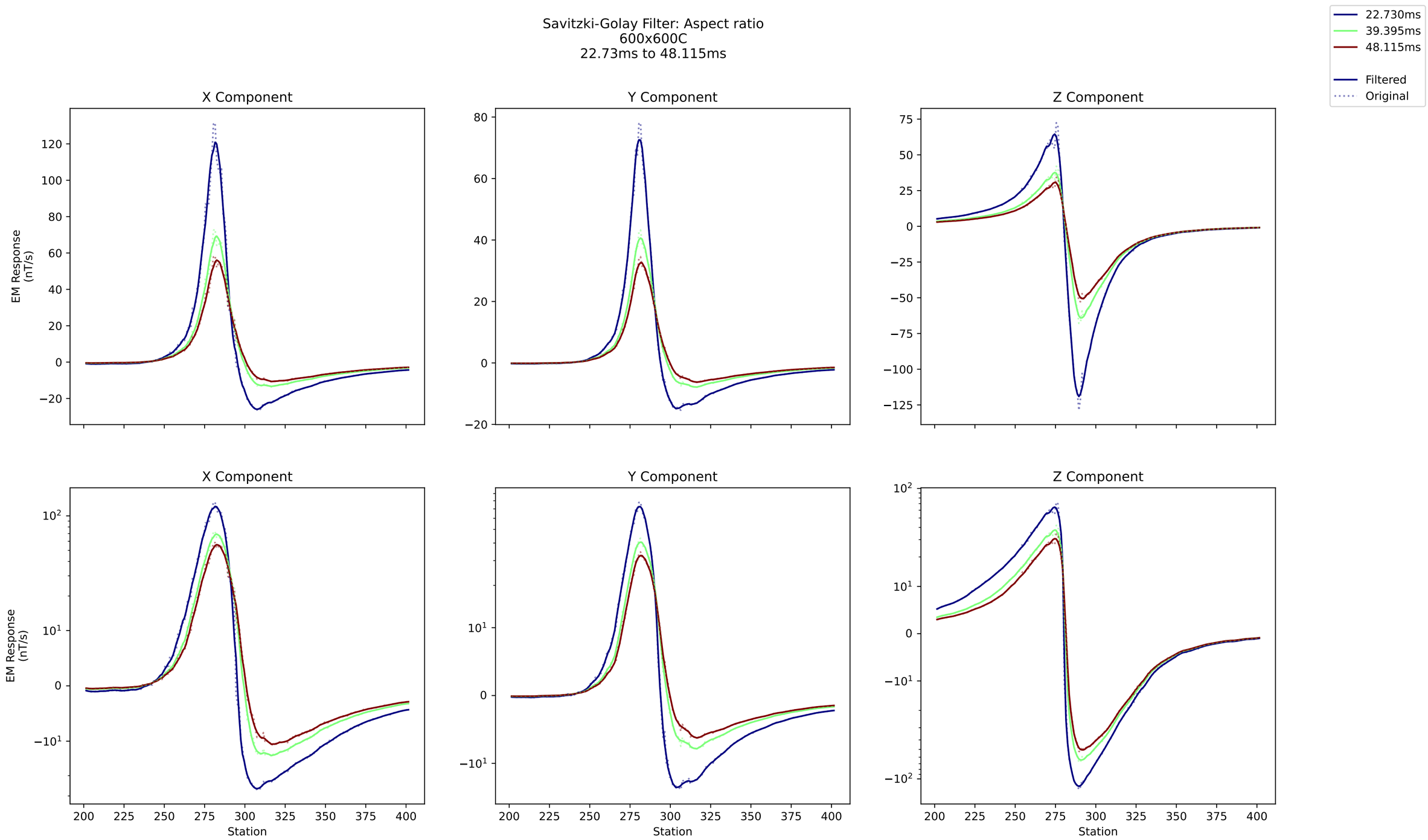
0.420ms
0.560ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

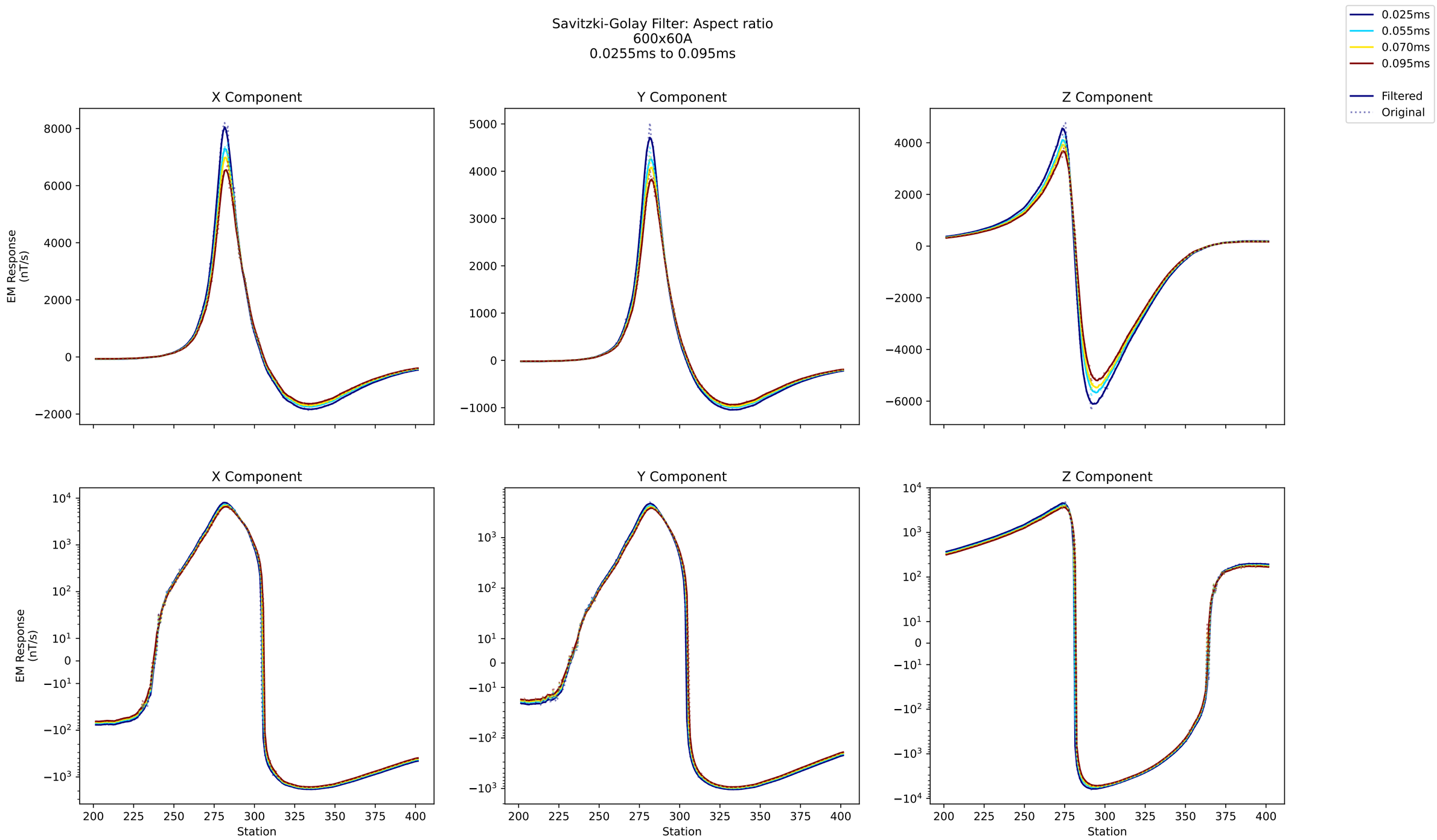

Savitzki-Golay Filter: Aspect ratio
600x600C
0.56ms to 1.315ms
0.560ms
0.745ms
0.990ms
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
600x600C
1.315ms to 3.075ms
1.315ms
1.745ms
2.315ms
3.075ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
600x600C
3.075ms to 7.205ms
3.075ms
4.085ms
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
600x600C
7.205ms to 22.73ms
7.205ms
9.570ms
12.660ms
22.730ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
600x600C
22.73ms to 48.115ms
22.730ms
39.395ms
48.115ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
600x60A
0.0255ms to 0.095ms
0.025ms
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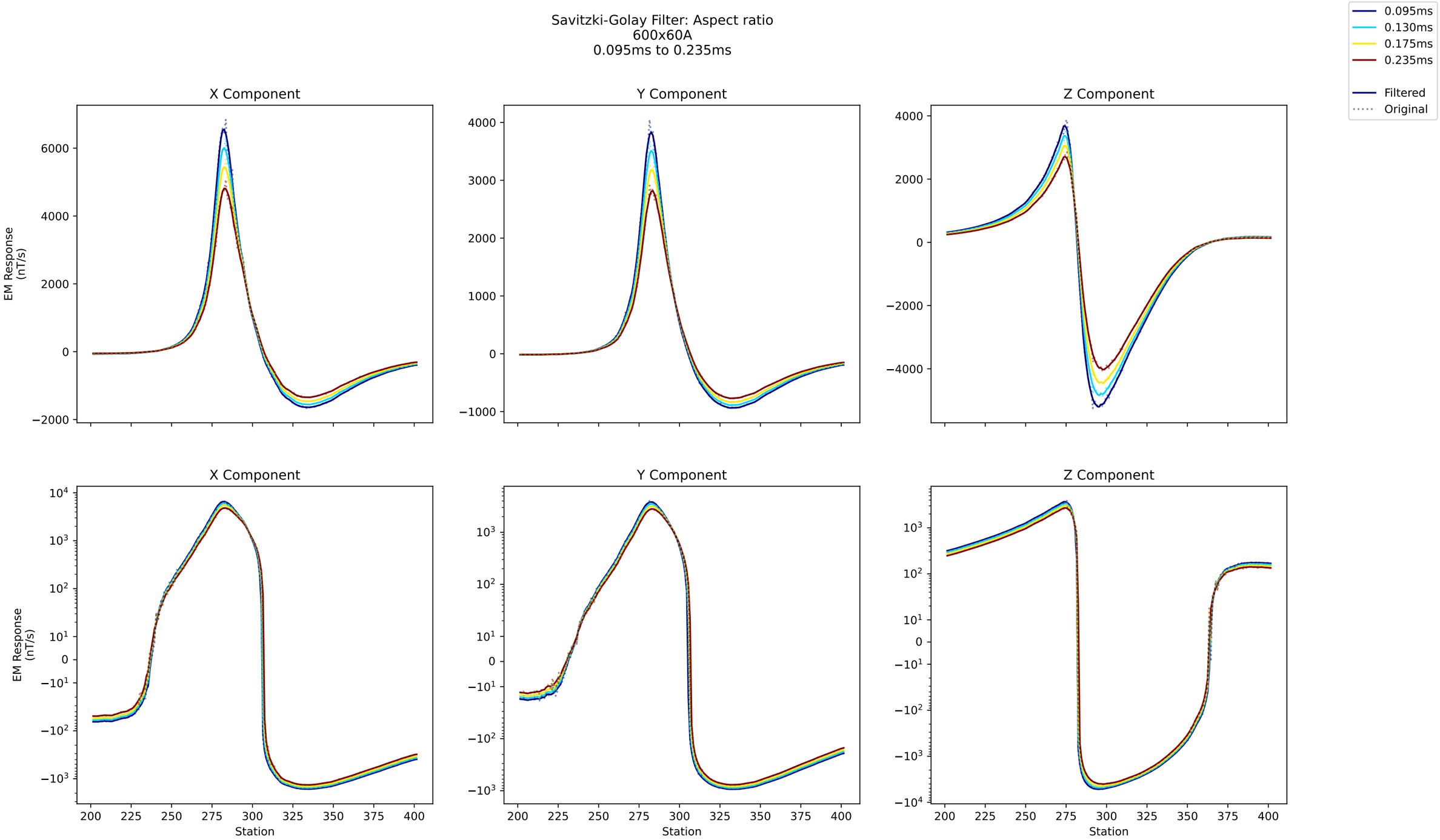
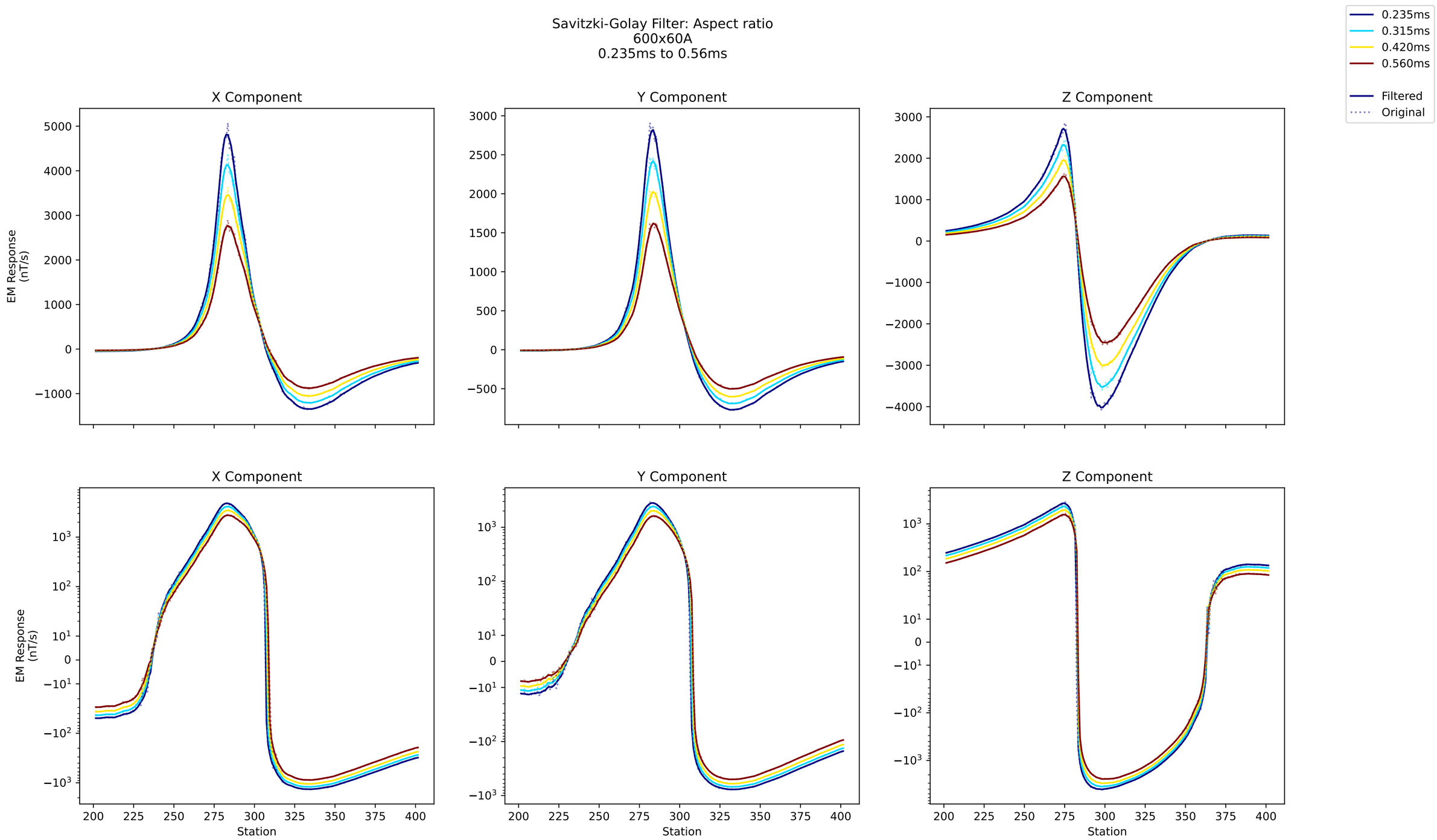
0.070ms
0.095ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
600x60A
0.095ms to 0.235ms
0.095ms
0.130ms
0.175ms
0.235ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station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600x60A
0.235ms to 0.56ms
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0.420ms
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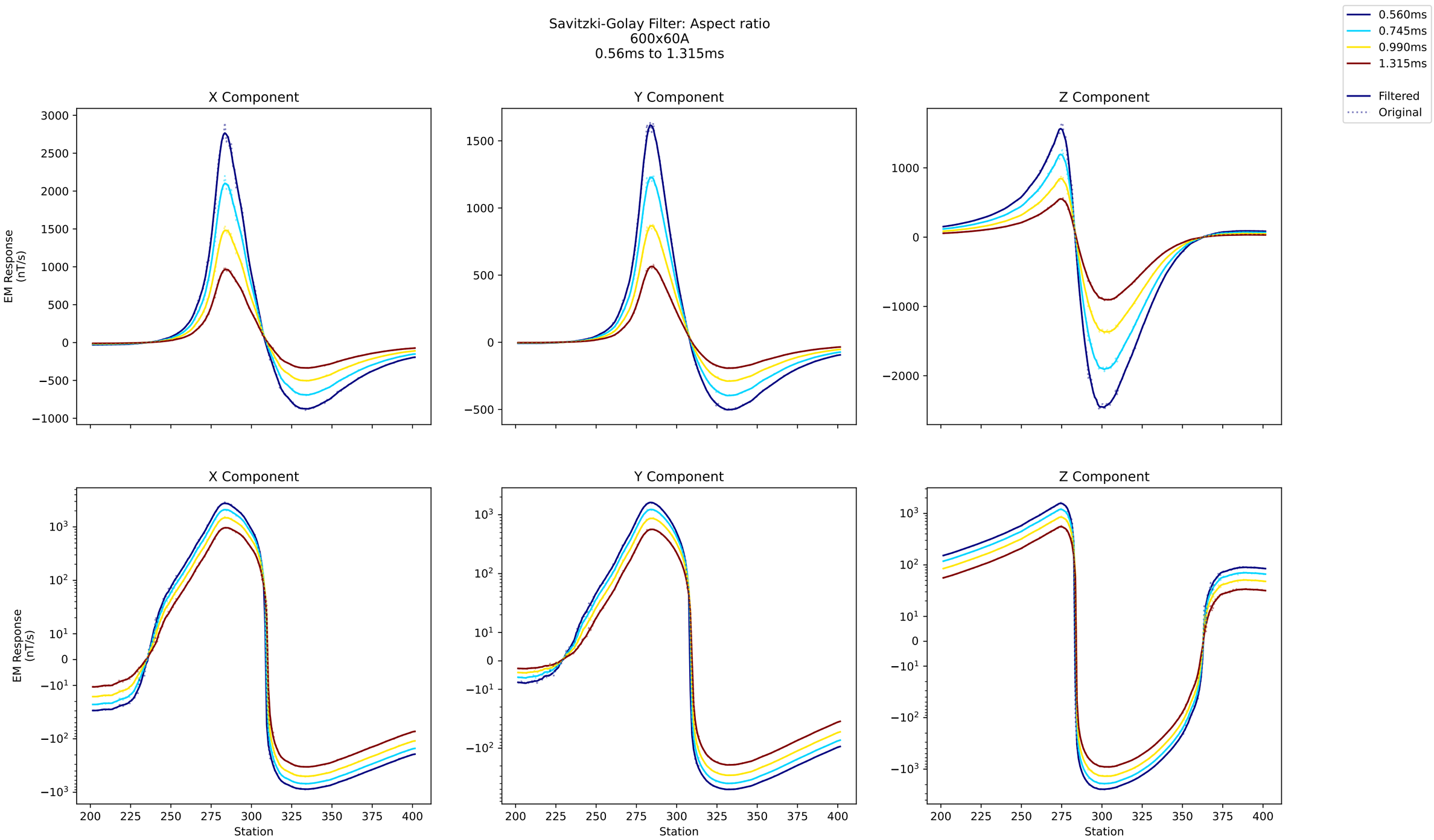
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station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600x60A
0.56ms to 1.315ms
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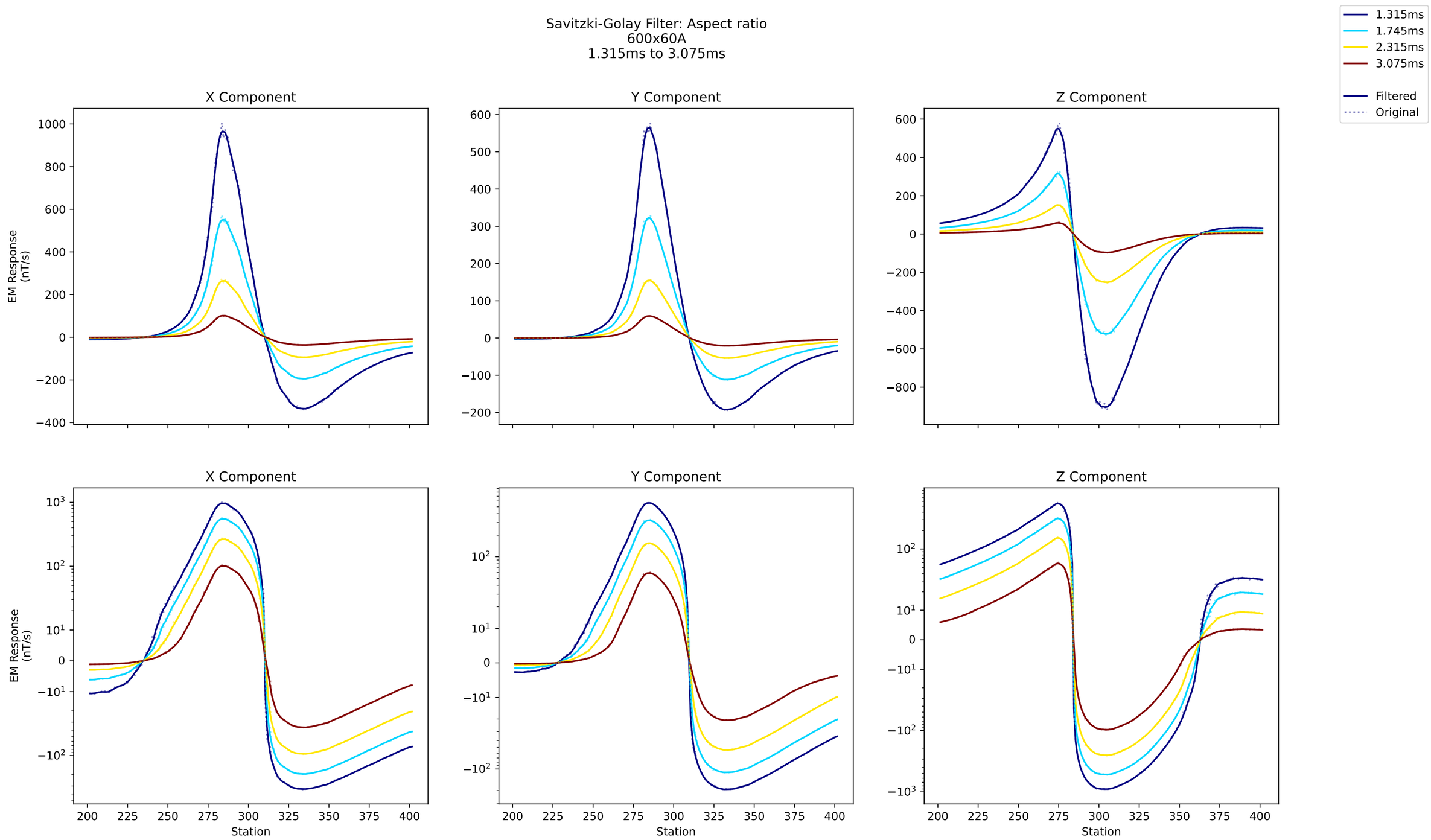
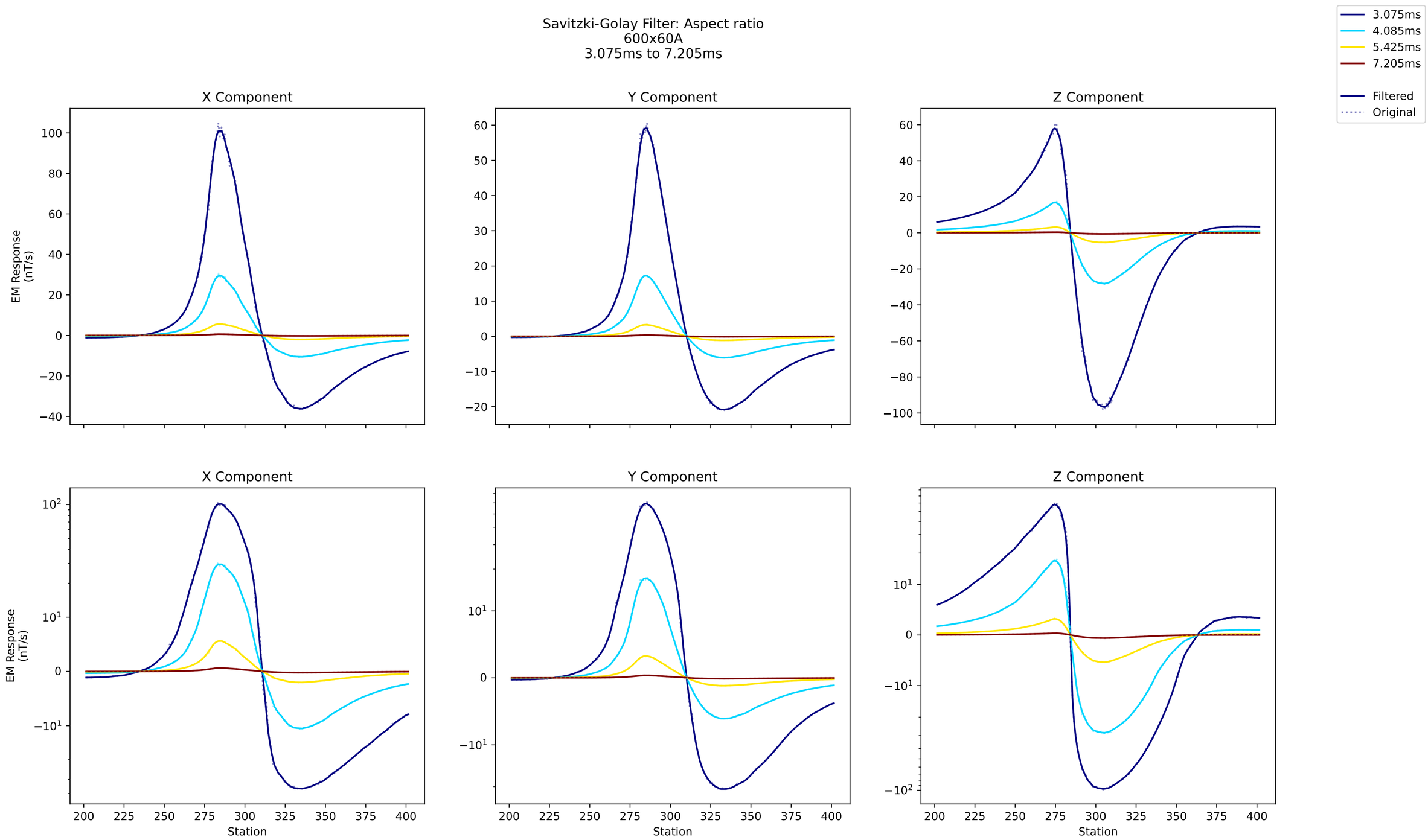
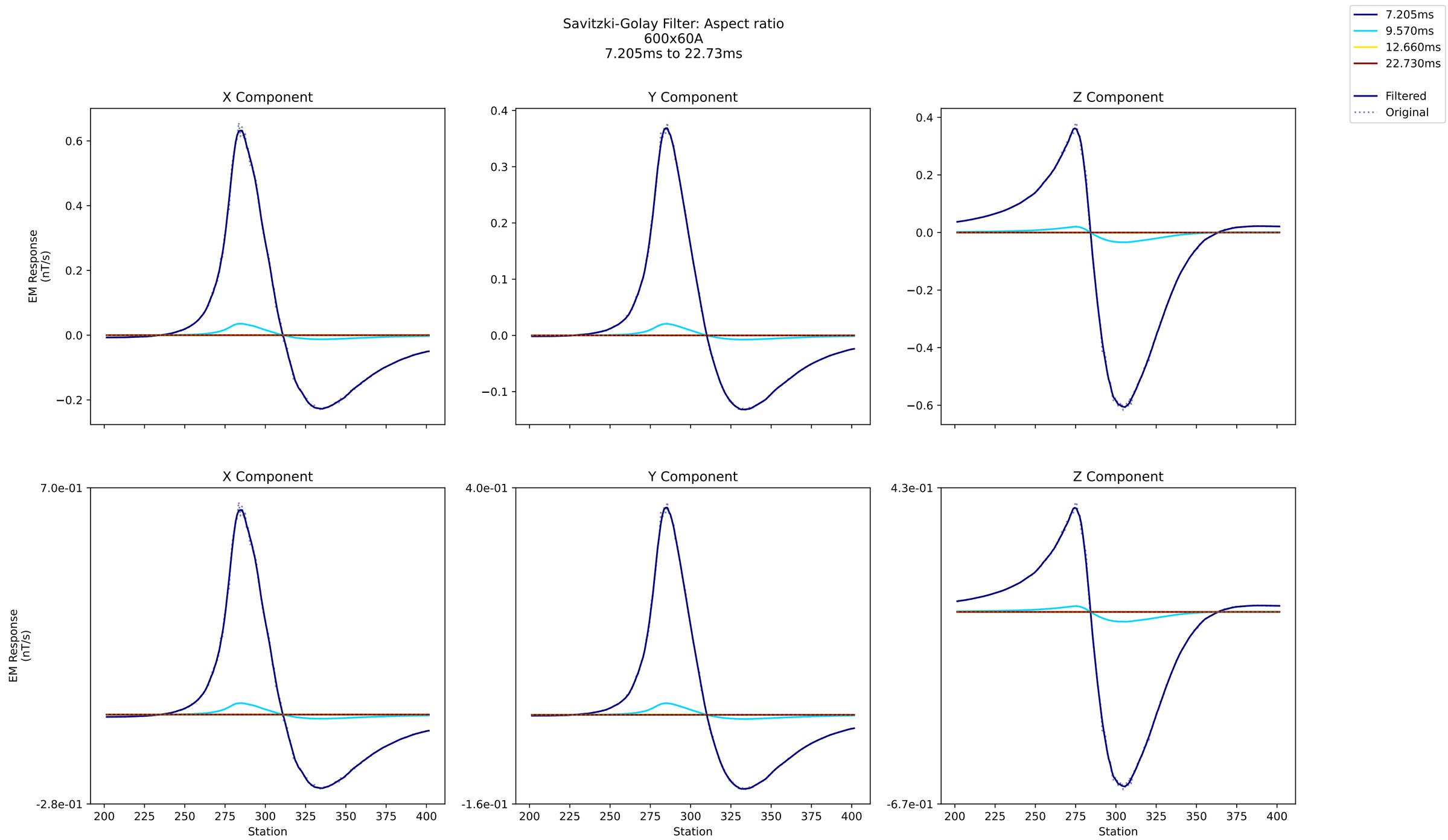
0.990ms
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
600x60A
1.315ms to 3.075ms
1.315ms
1.745ms
2.315ms
3.075ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
600x60A
3.075ms to 7.205ms
3.075ms
4.085ms
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
EM Response
(nT/s)
Station
Station
Station


Savitzki-Golay Filter: Aspect ratio
600x60A
7.205ms to 22.73ms
7.205ms
9.570ms
12.660ms
22.730ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station
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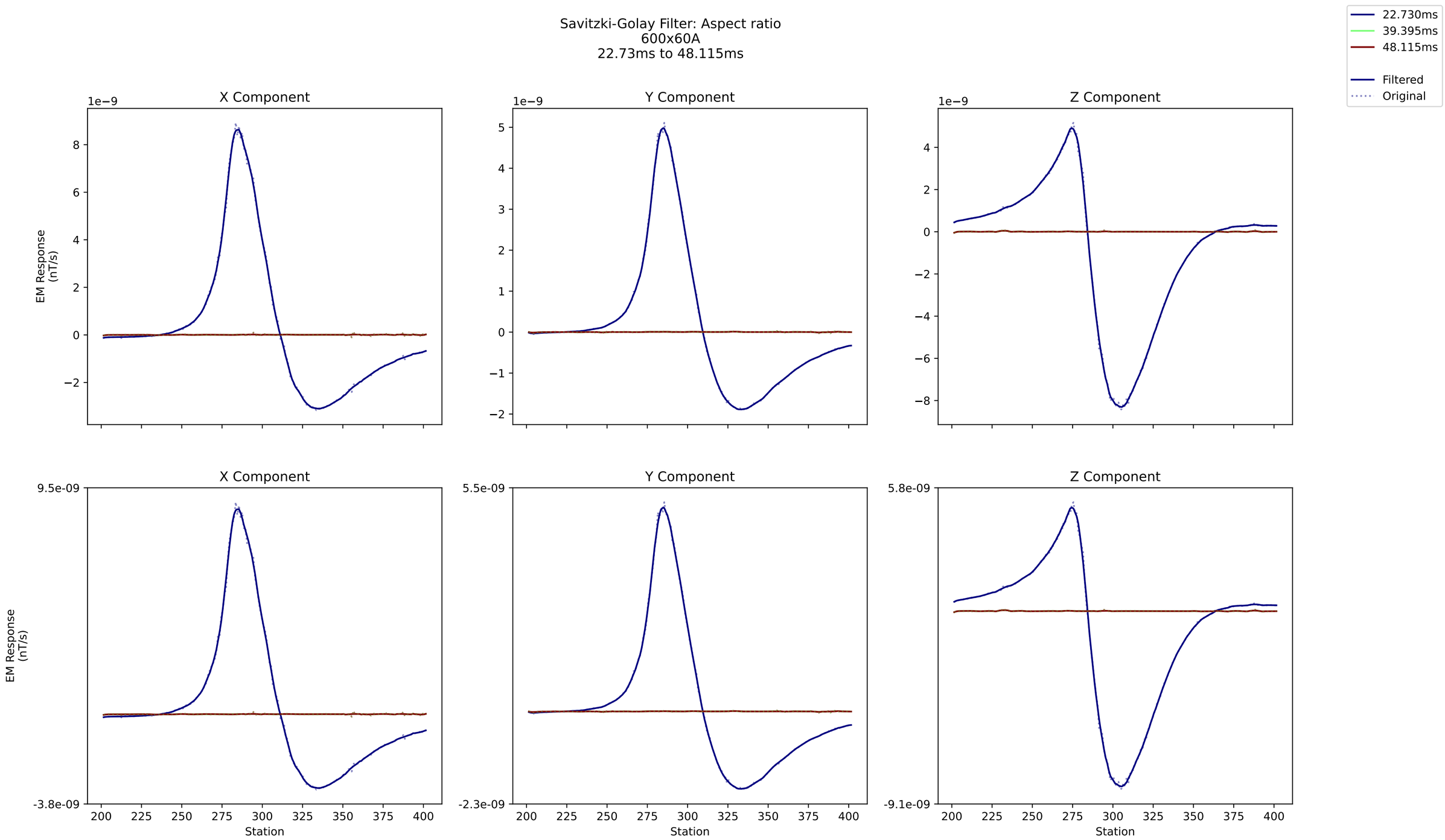
4.3e-01
-6.7e-01


Savitzki-Golay Filter: Aspect ratio
600x60A
22.73ms to 48.115ms
22.730ms
39.395ms
48.115ms
Filtered
Original
X Component
Y Component
Z Component
1e−9
EM Response
(nT/s)
9.5e-09
-3.8e-09
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-9.1e-09
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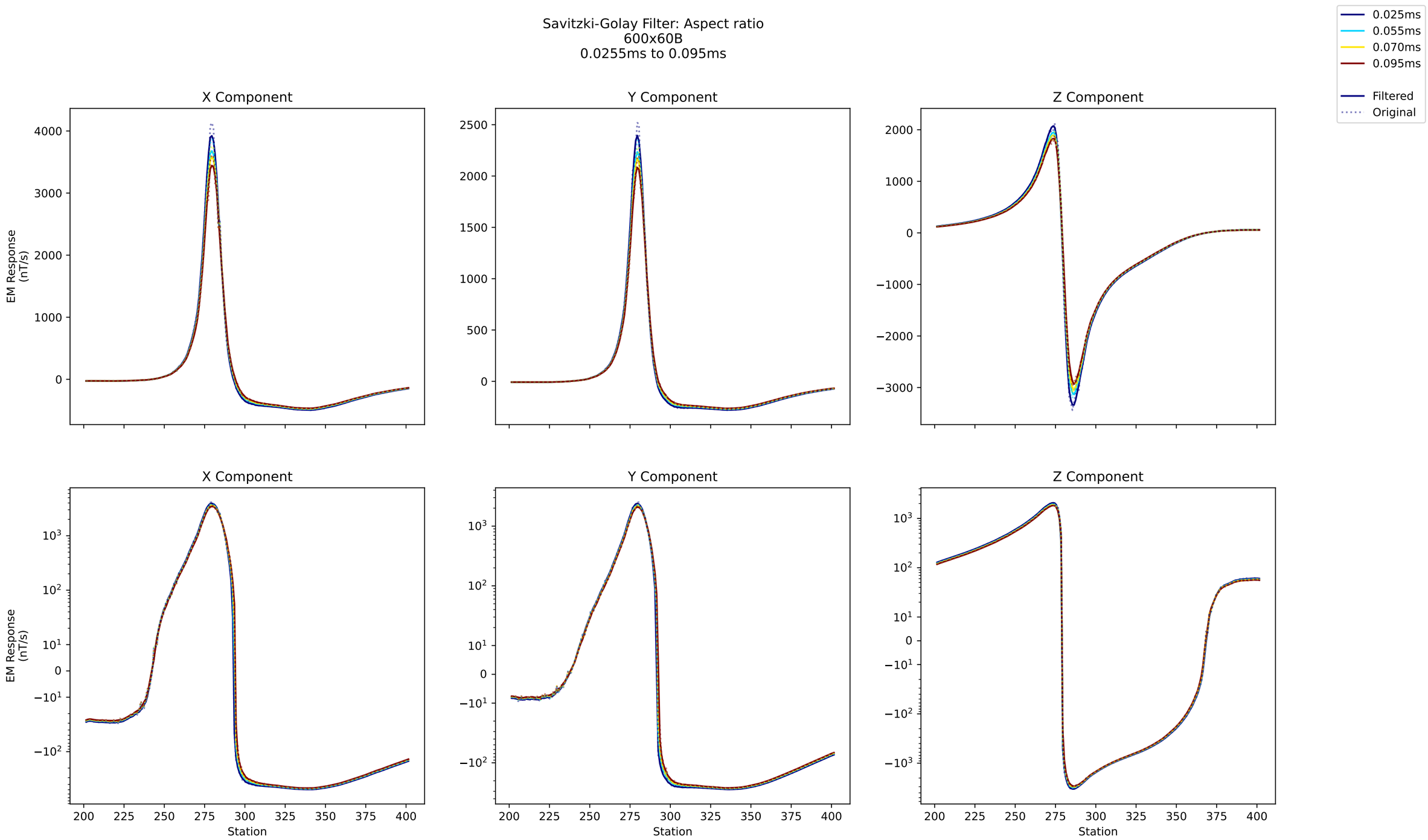
Station


Savitzki-Golay Filter: Aspect ratio
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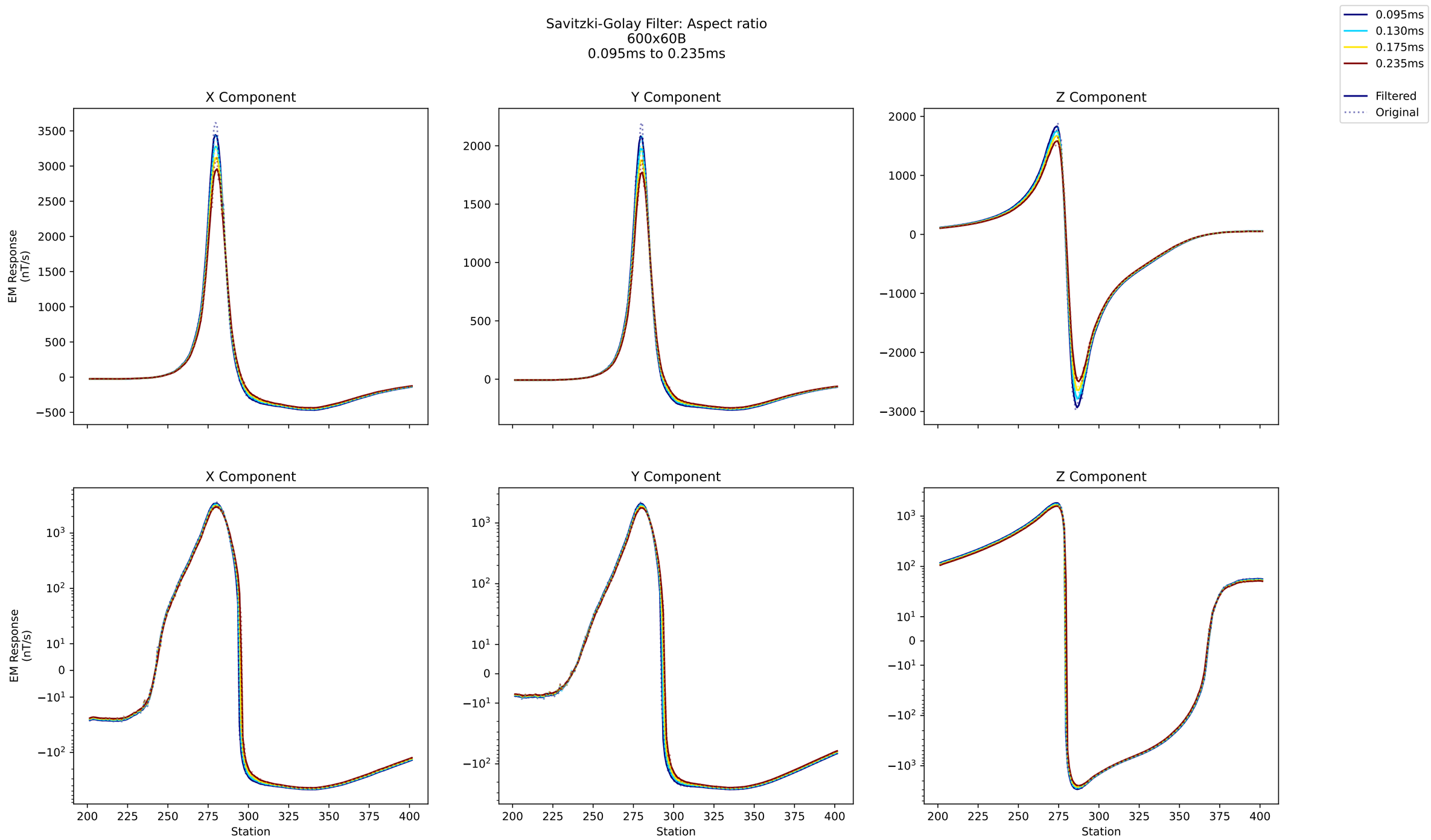
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station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Y Component
Z Component
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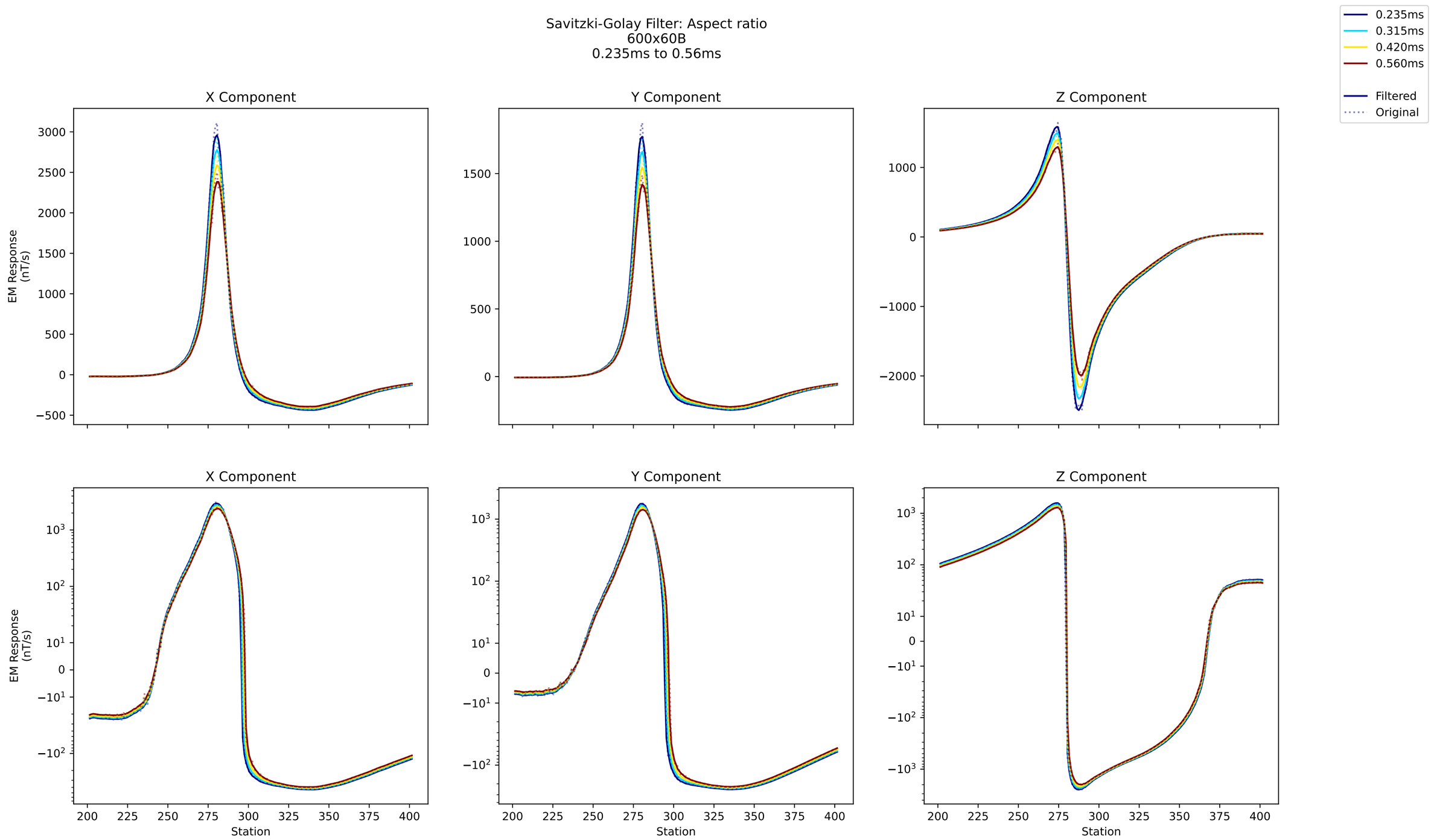
(nT/s)
Station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Filtered
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Y Component
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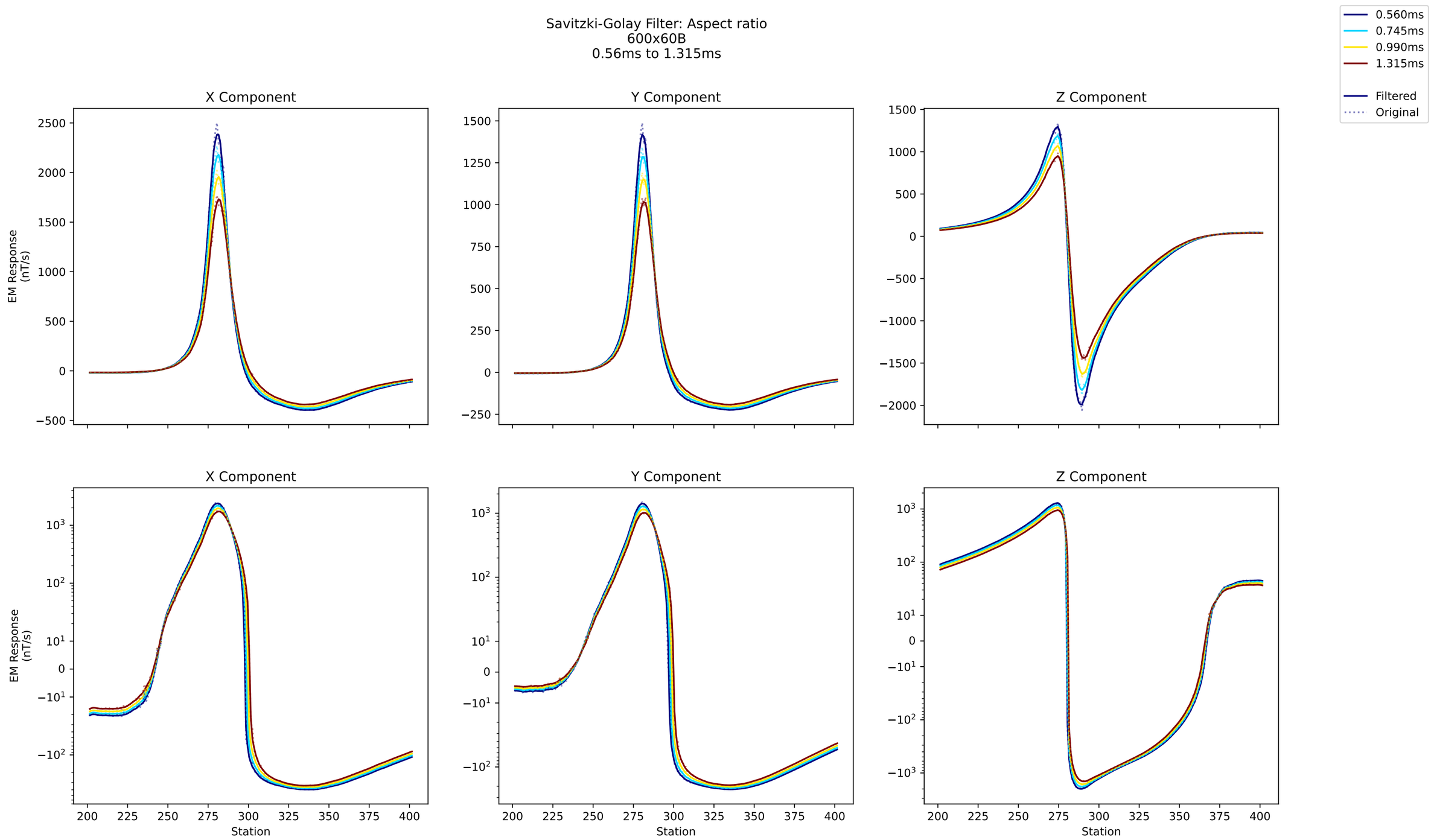
EM Response
(nT/s)
Station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Y Component
Z Component
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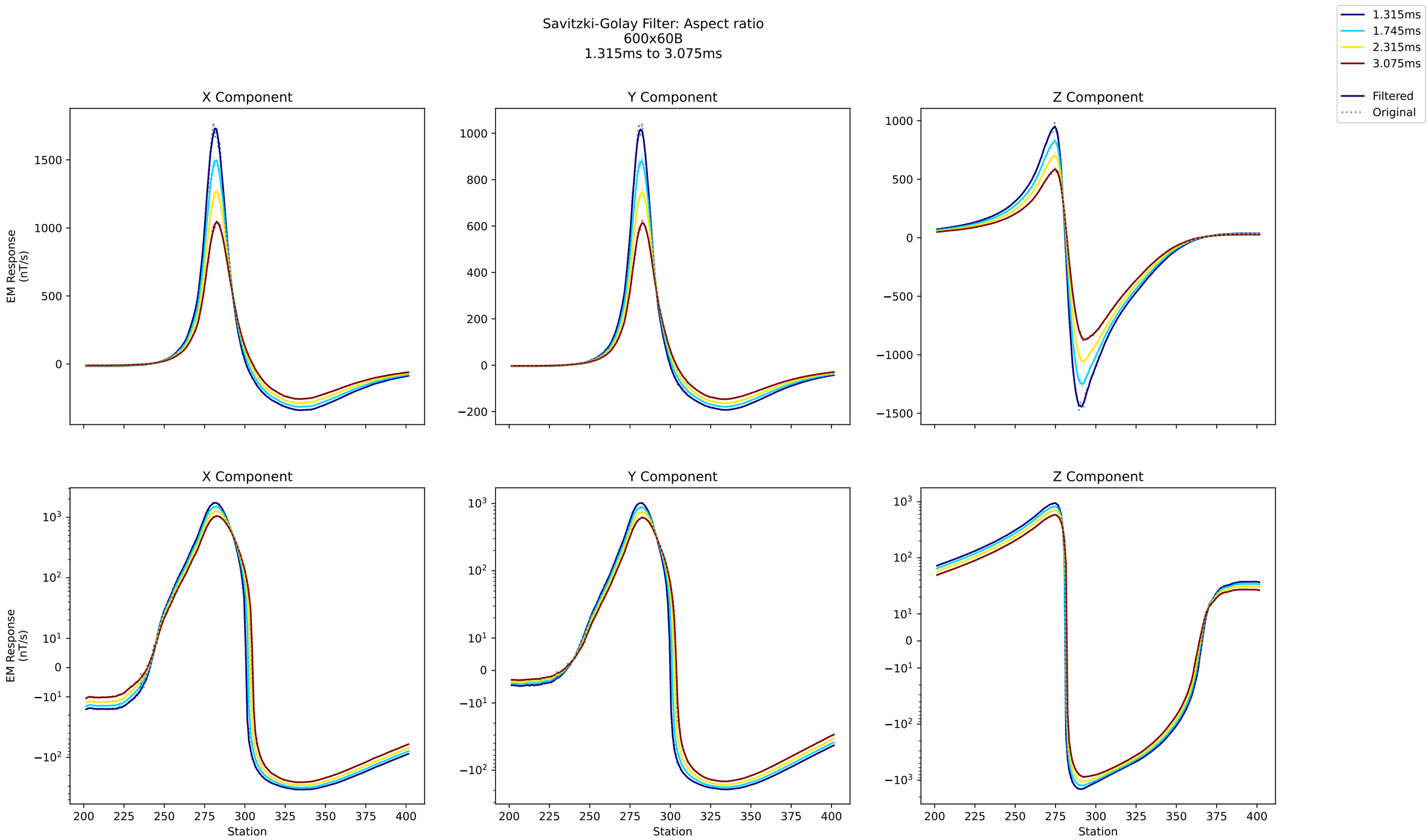
(nT/s)
Station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1.315ms to 3.075ms
1.315ms
1.745ms
2.315ms
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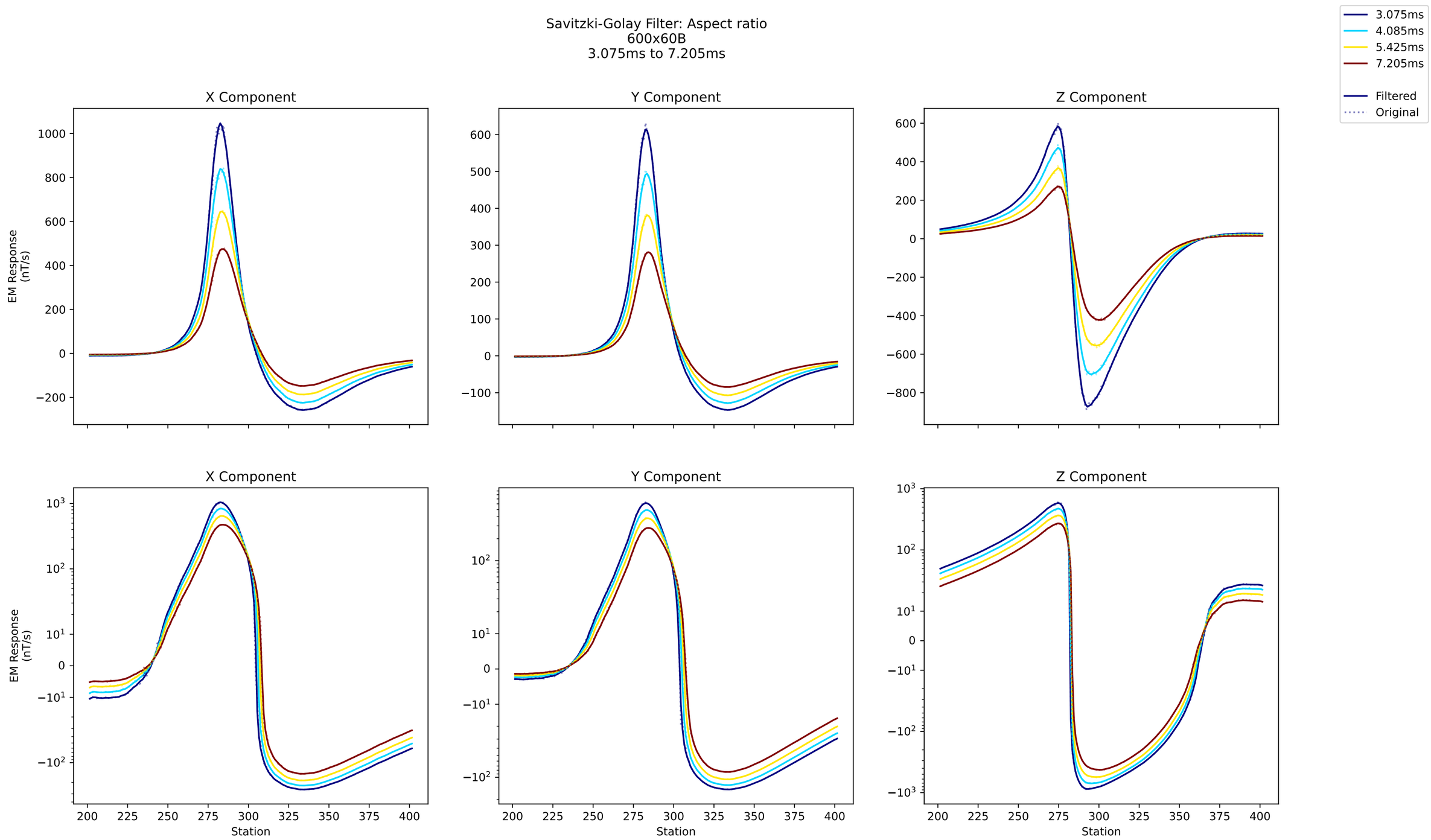
X Component
Y Component
Z Component
EM Response
(nT/s)
EM Response
(nT/s)
Station
Station
Station


Savitzki-Golay Filter: Aspect ratio
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3.075ms
4.085ms
5.425ms
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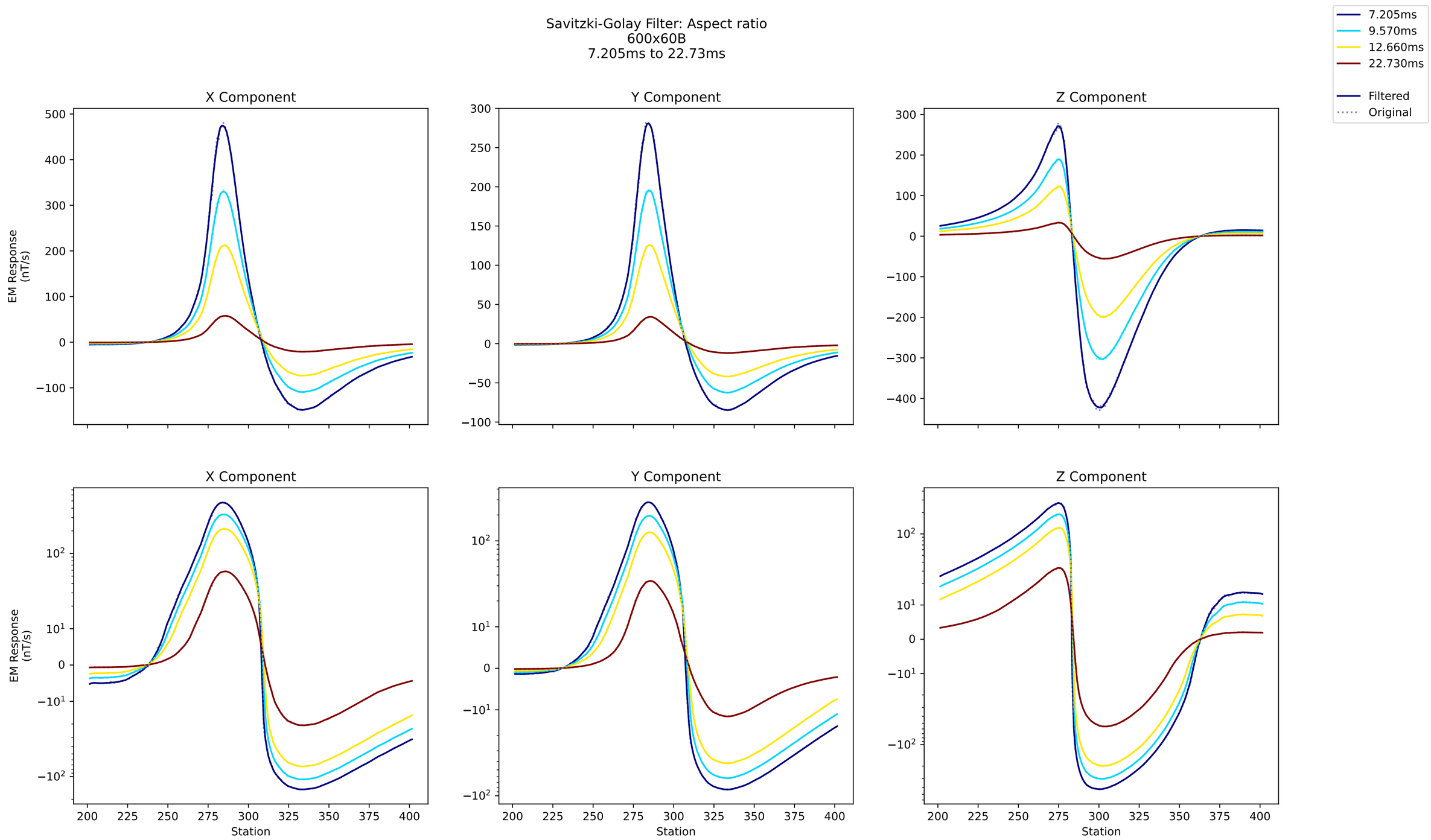
Y Component
Z Component
EM Response
(nT/s)
EM Response
(nT/s)
Station
Station
Station


Savitzki-Golay Filter: Aspect ratio
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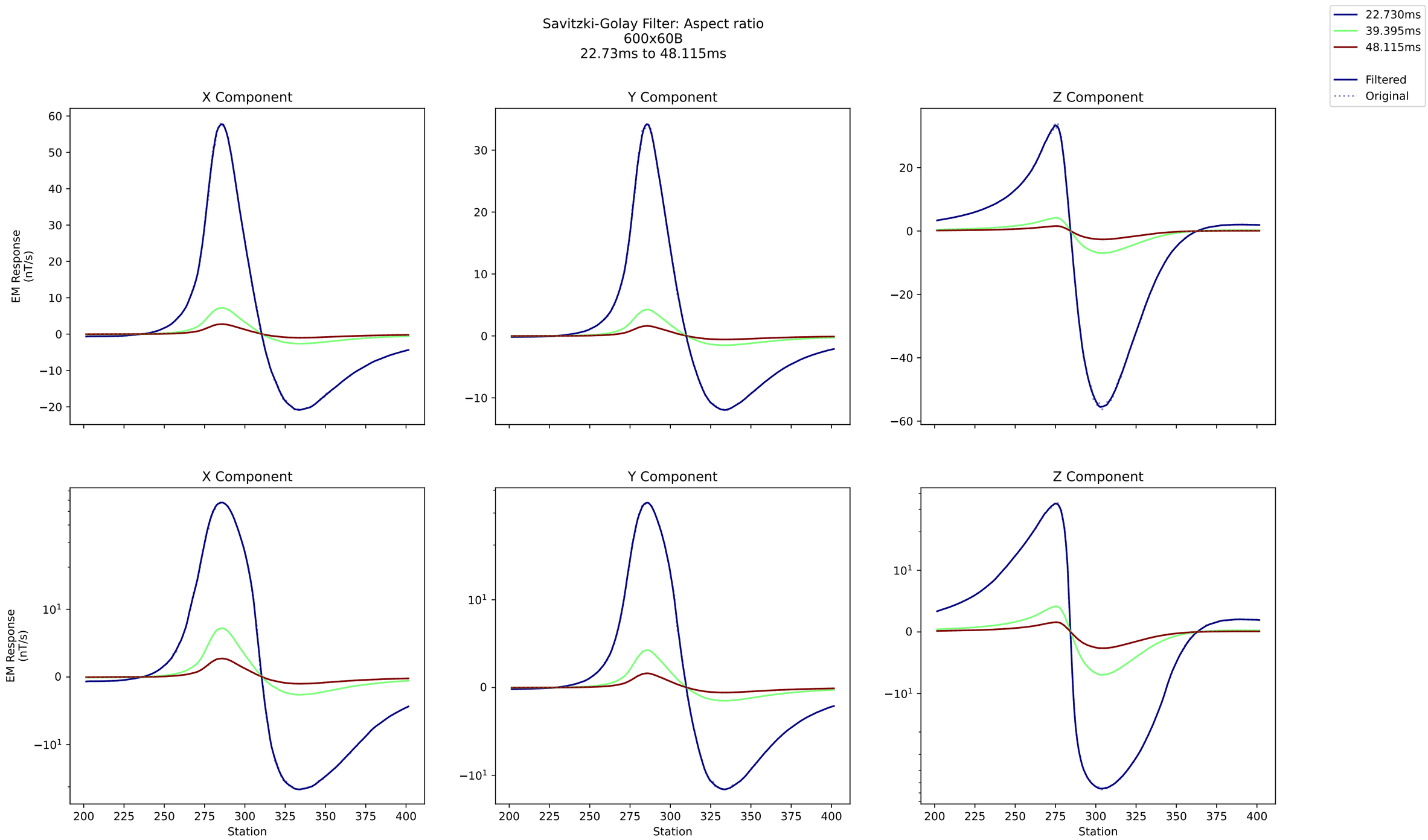
Y Component
Z Component
EM Response
(nT/s)
Station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48.115ms
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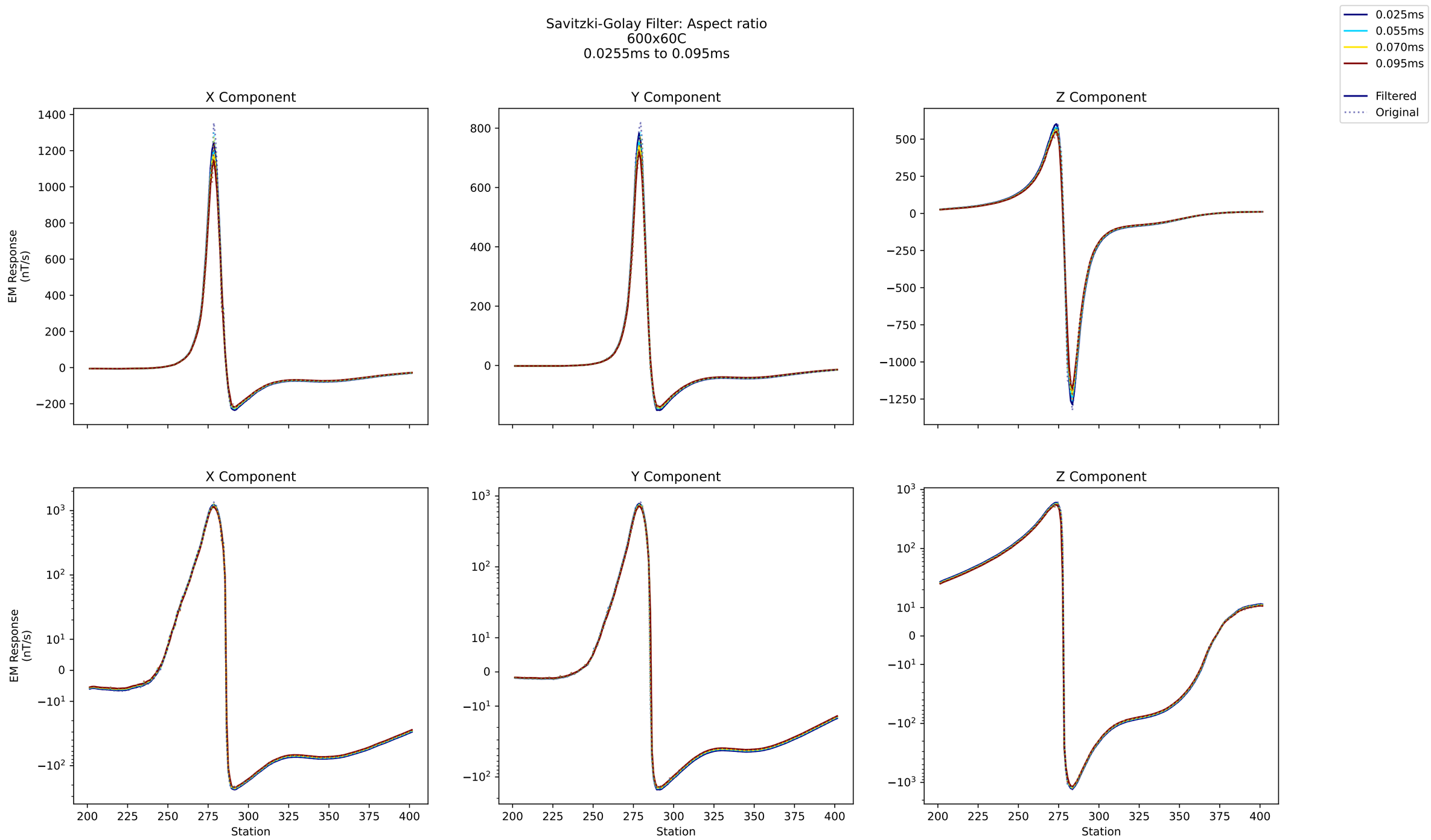
X Component
Y Component
Z Component
EM Response
(nT/s)
Station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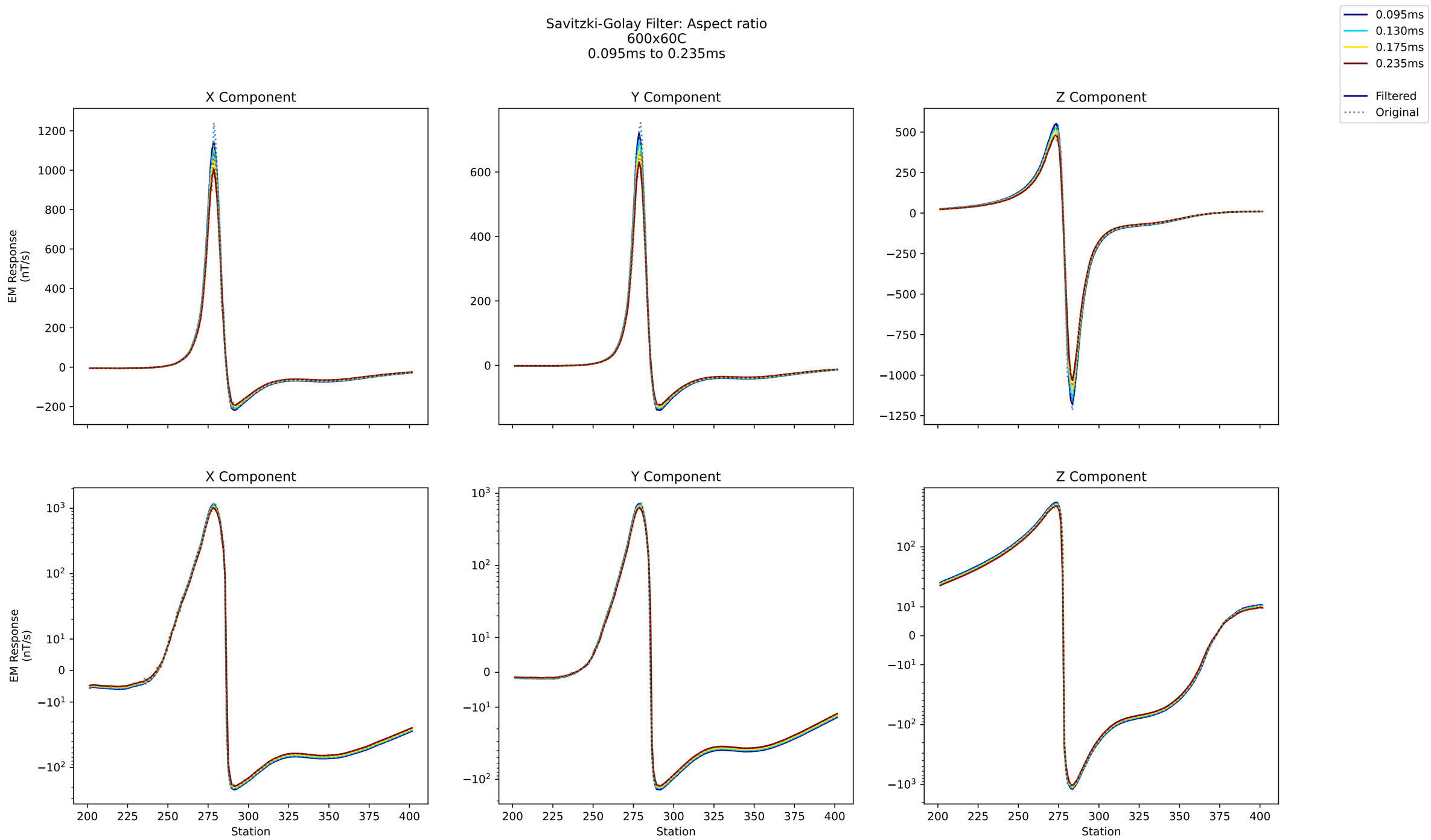
Z Component
EM Response
(nT/s)
Station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(nT/s)
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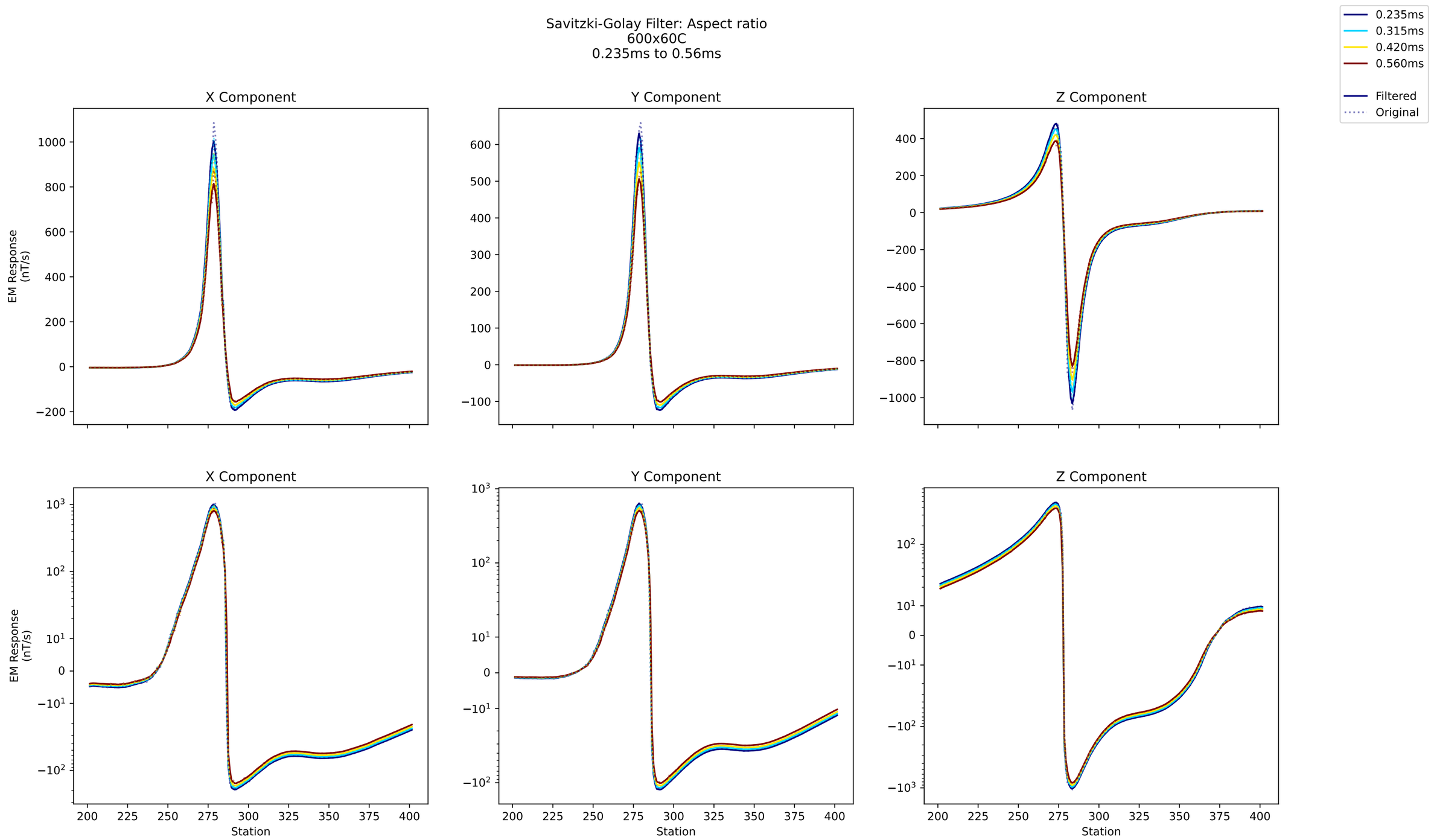
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EM Response
(nT/s)
EM Response
(nT/s)
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Station
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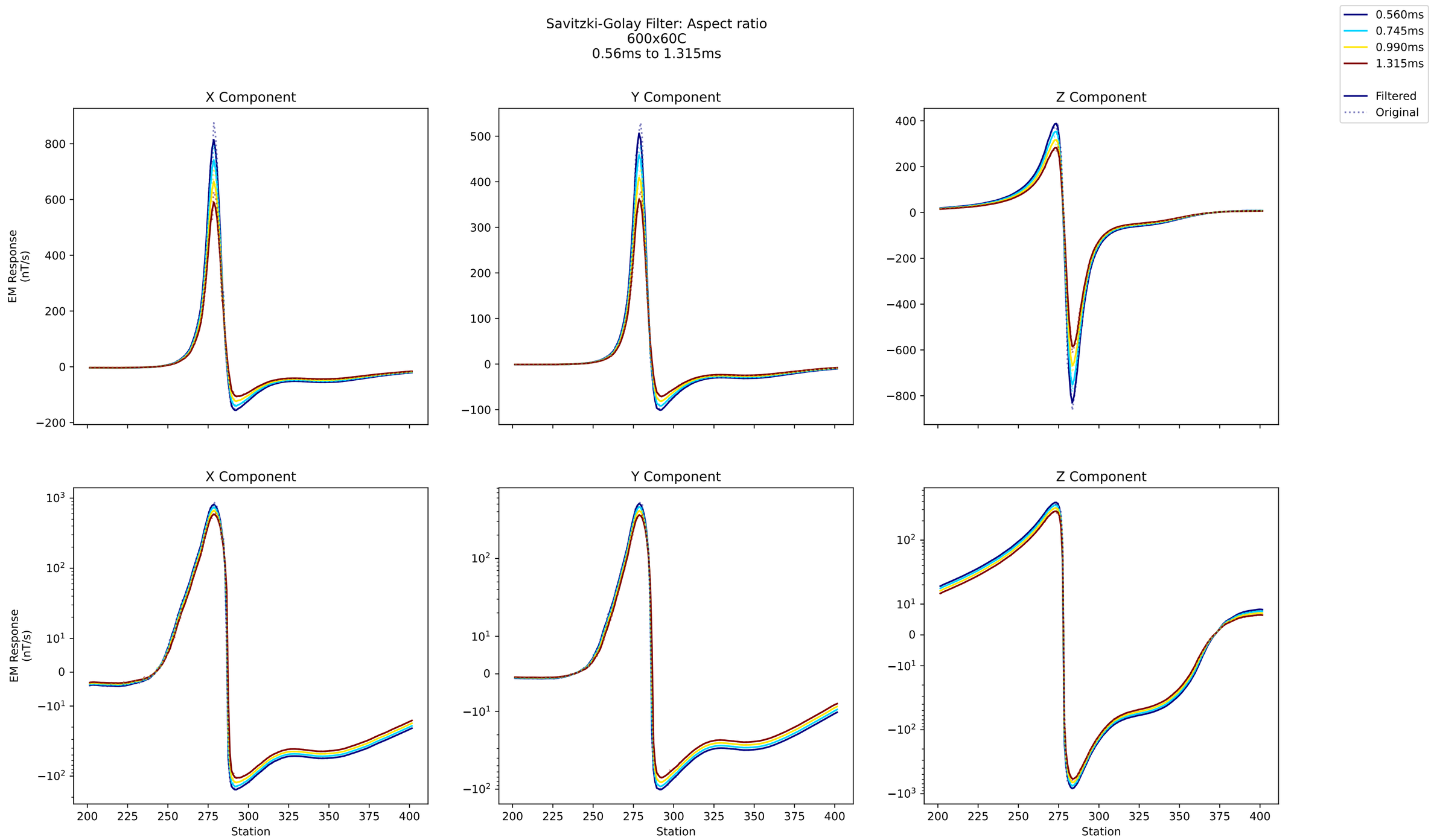
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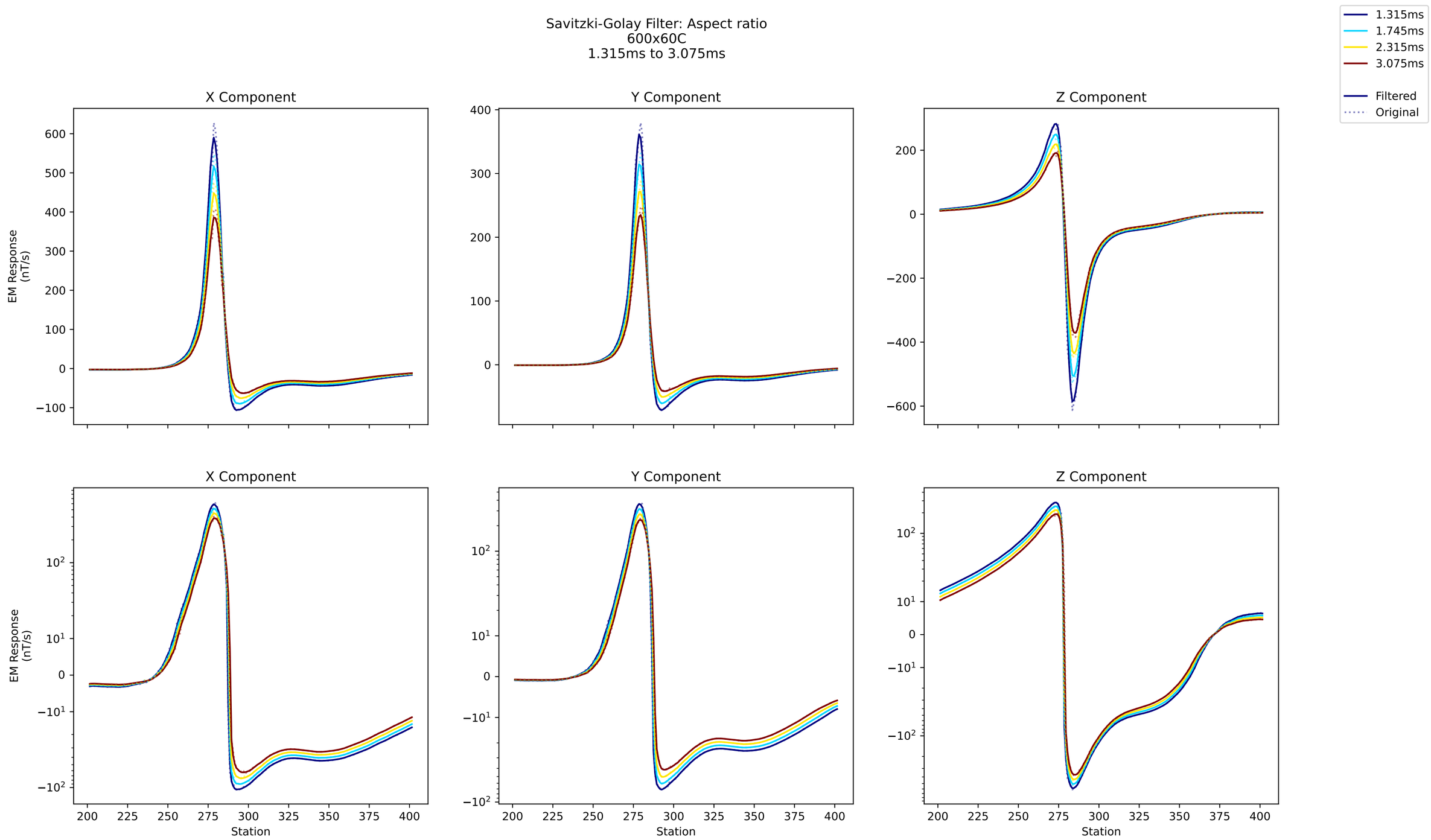
(nT/s)
Station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EM Response
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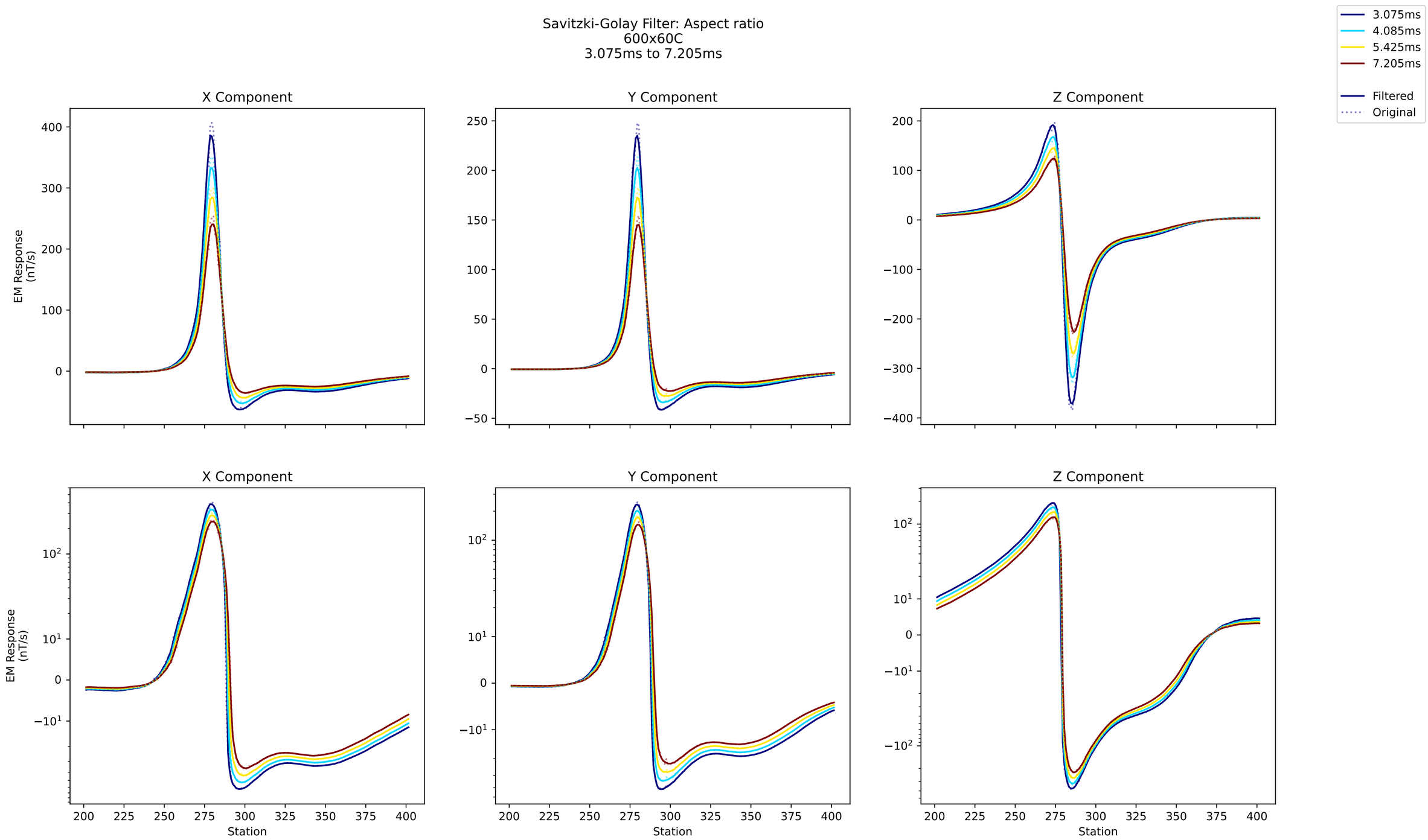
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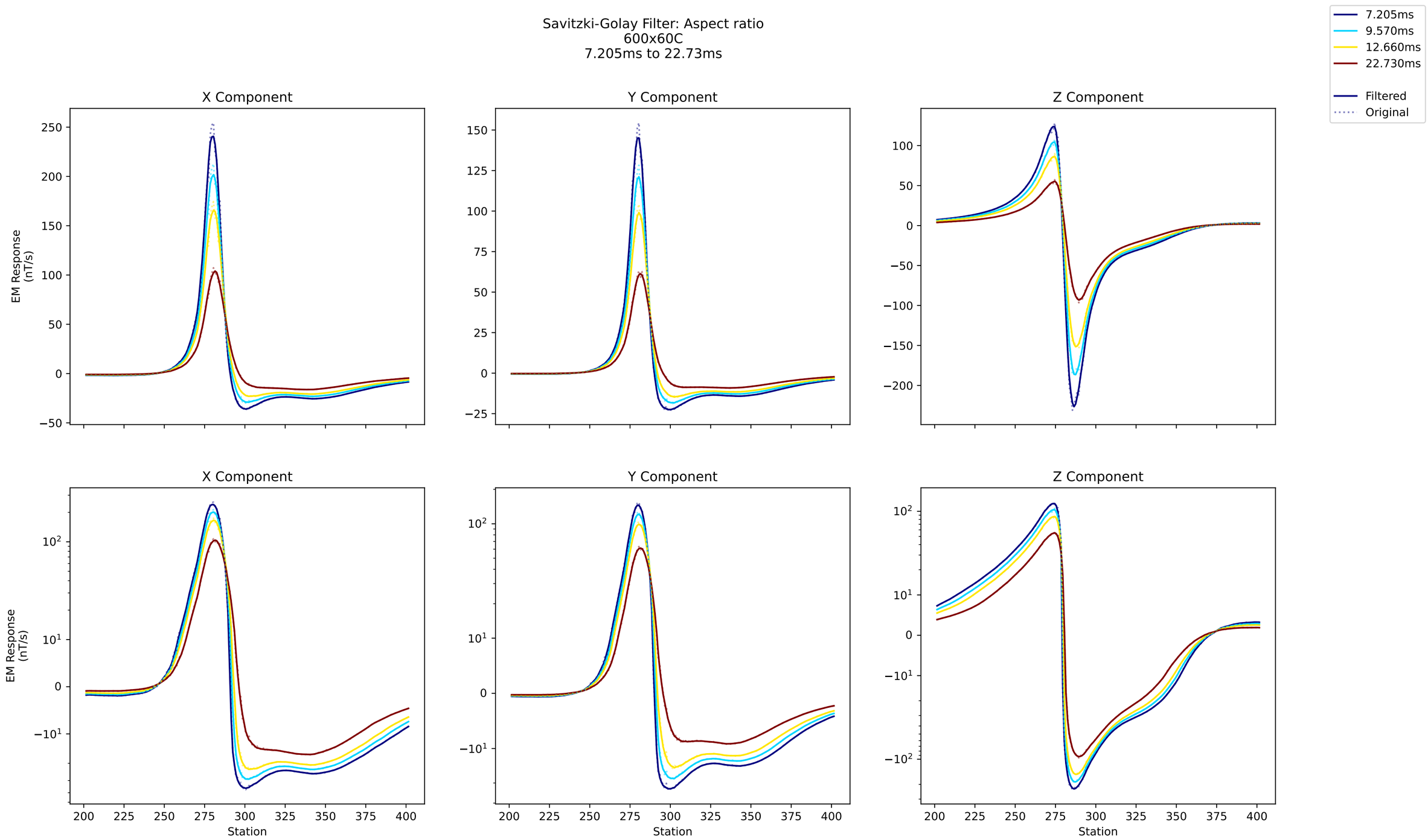
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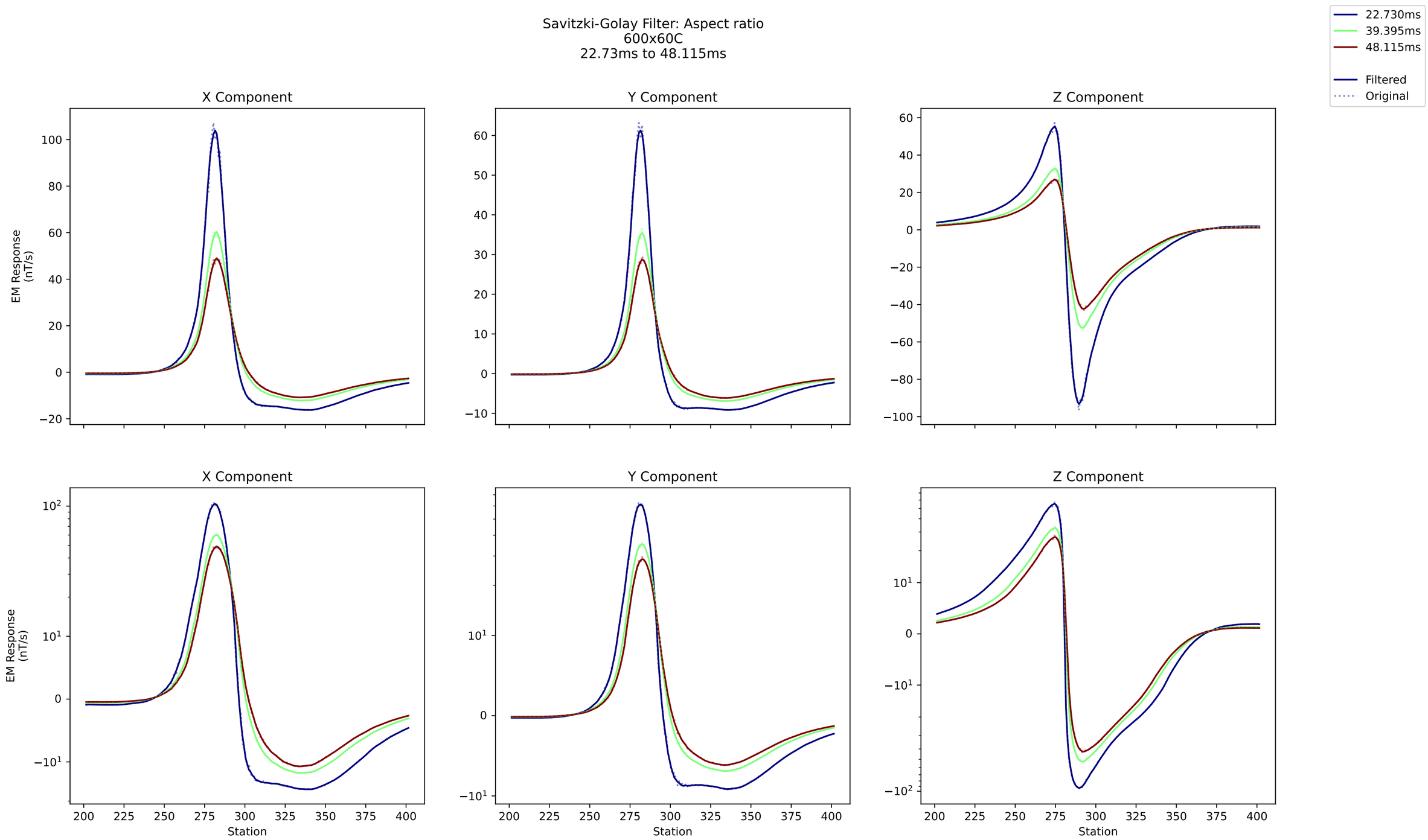
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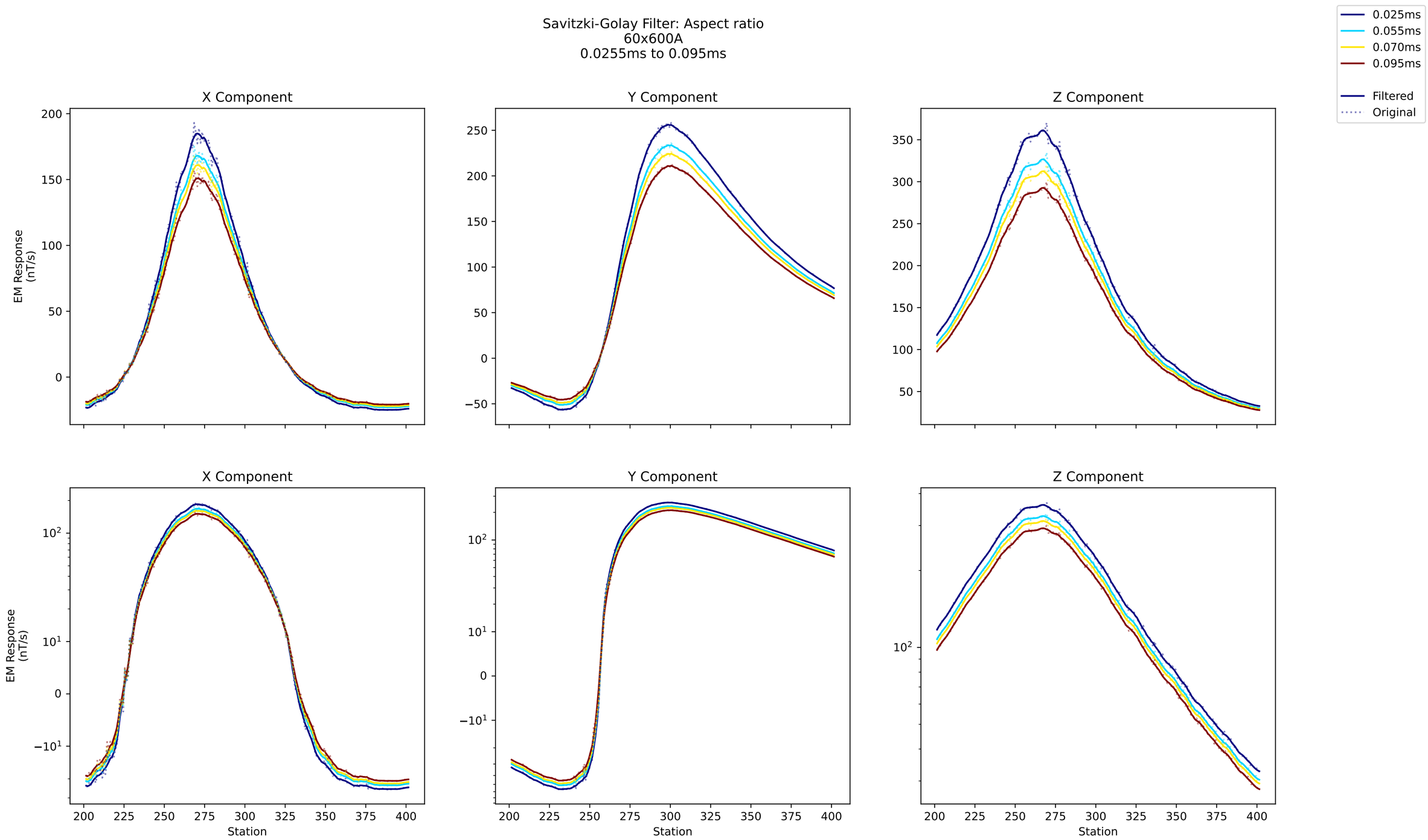
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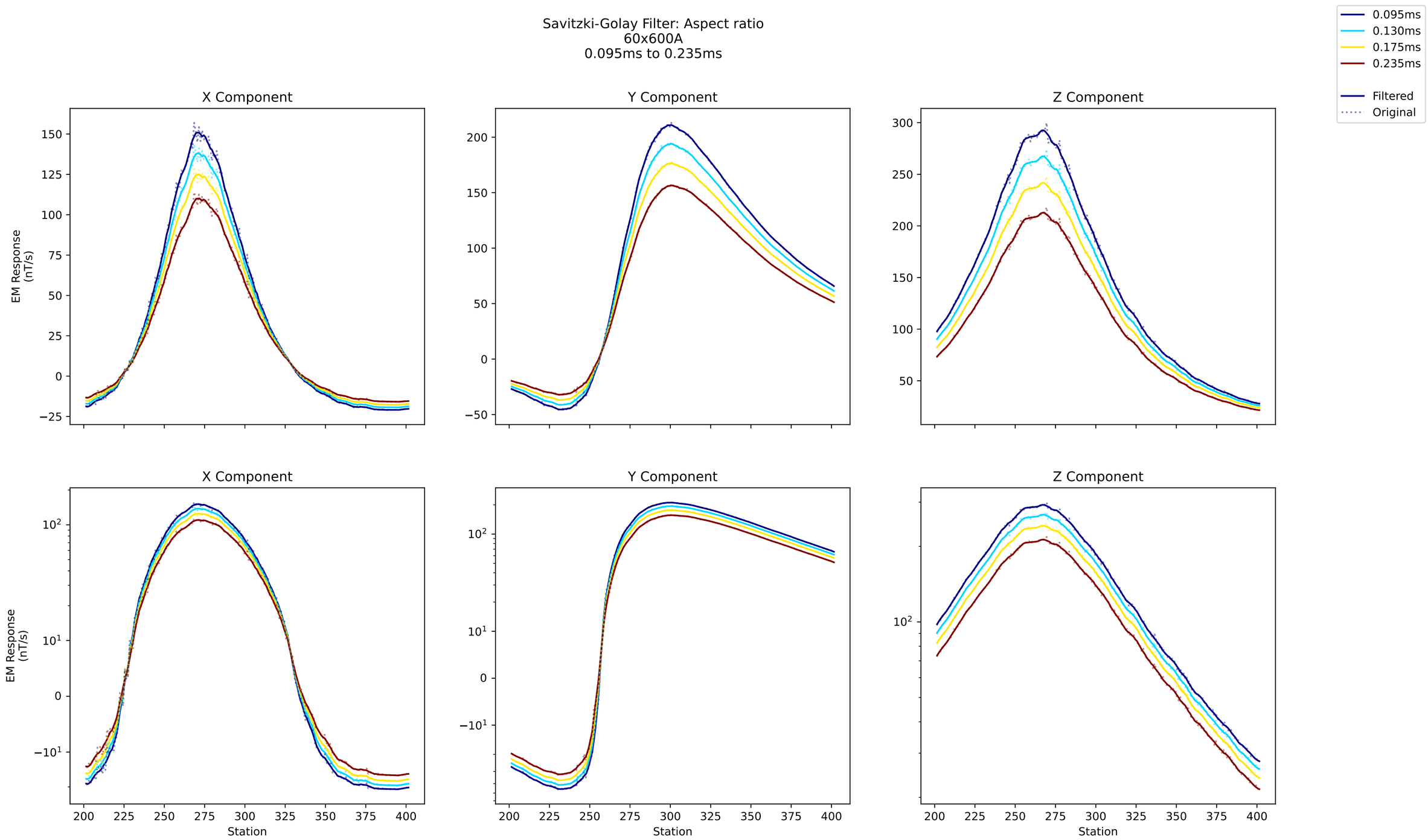
(nT/s)
Station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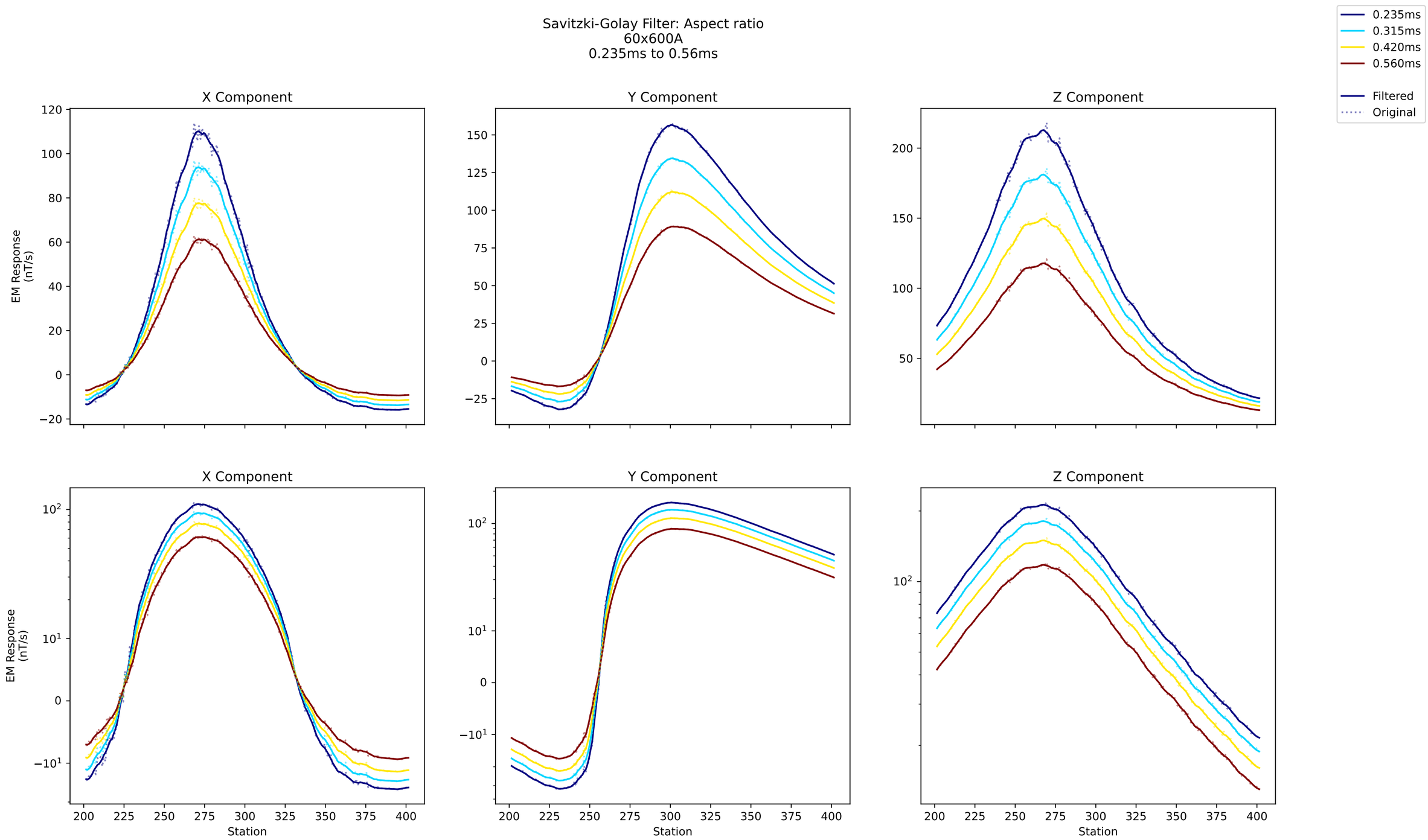
Y Component
Z Component
EM Response
(nT/s)
Station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Filtered
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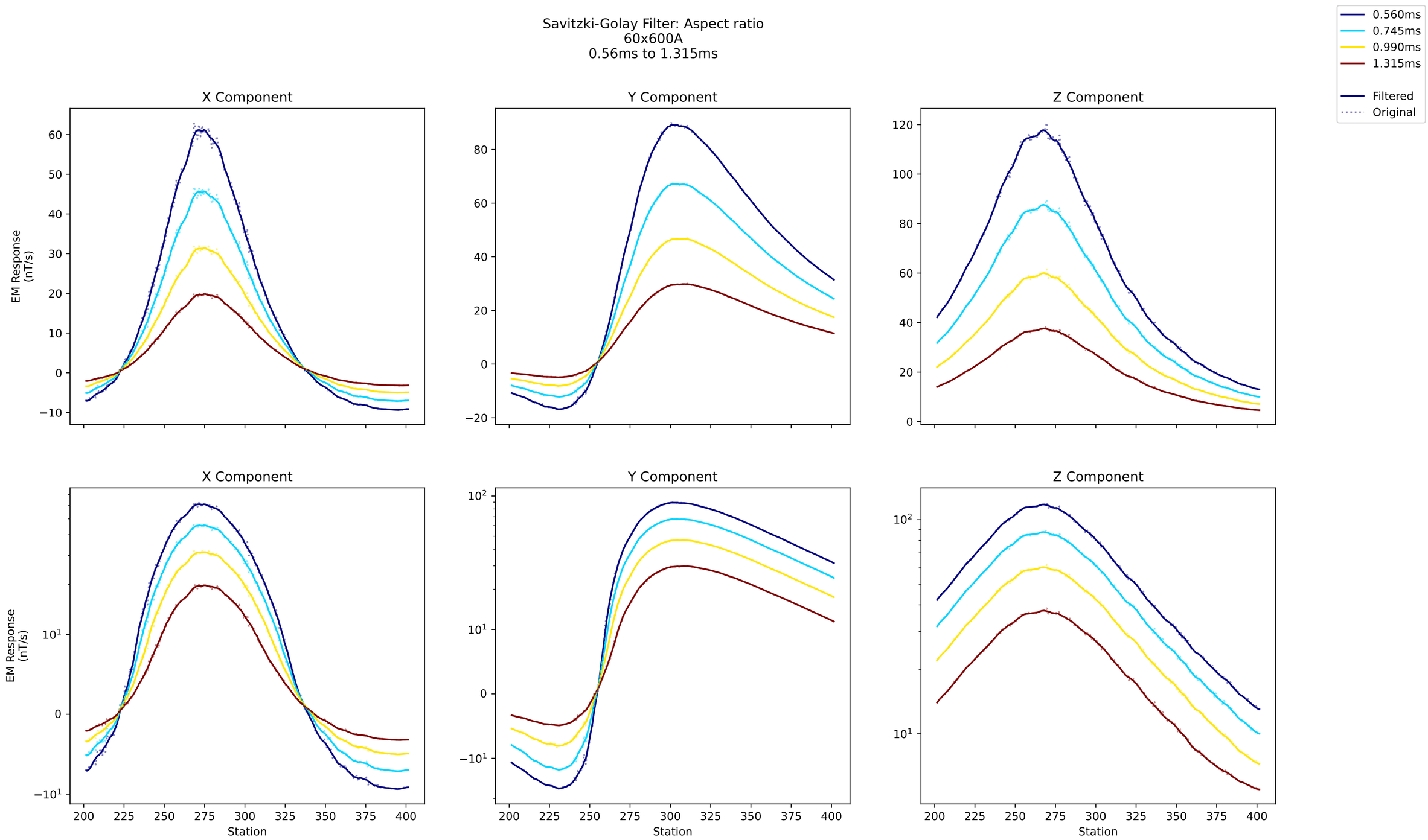
Y Component
Z Component
EM Response
(nT/s)
Station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Filtered
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Y Component
Z Component
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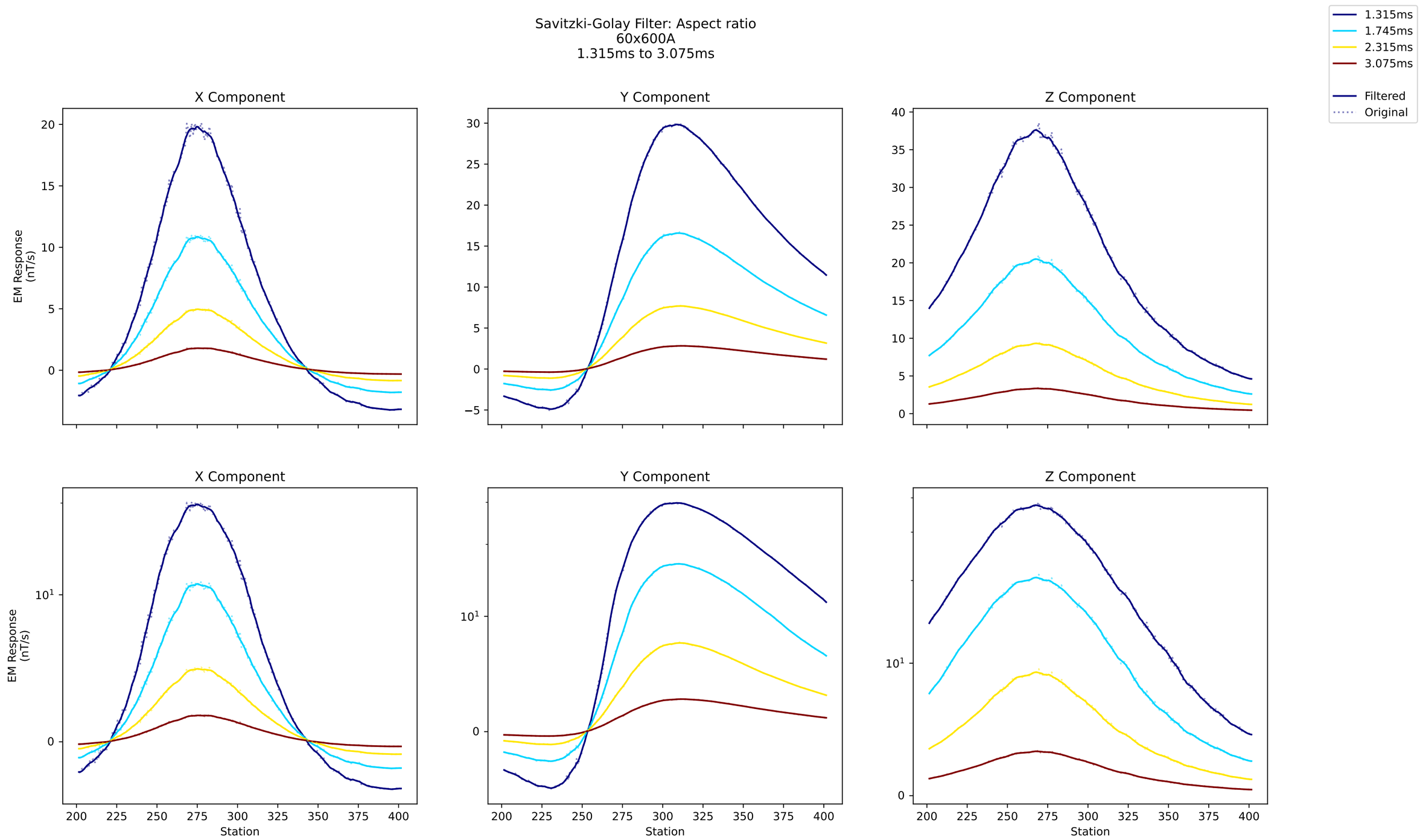
(nT/s)
Station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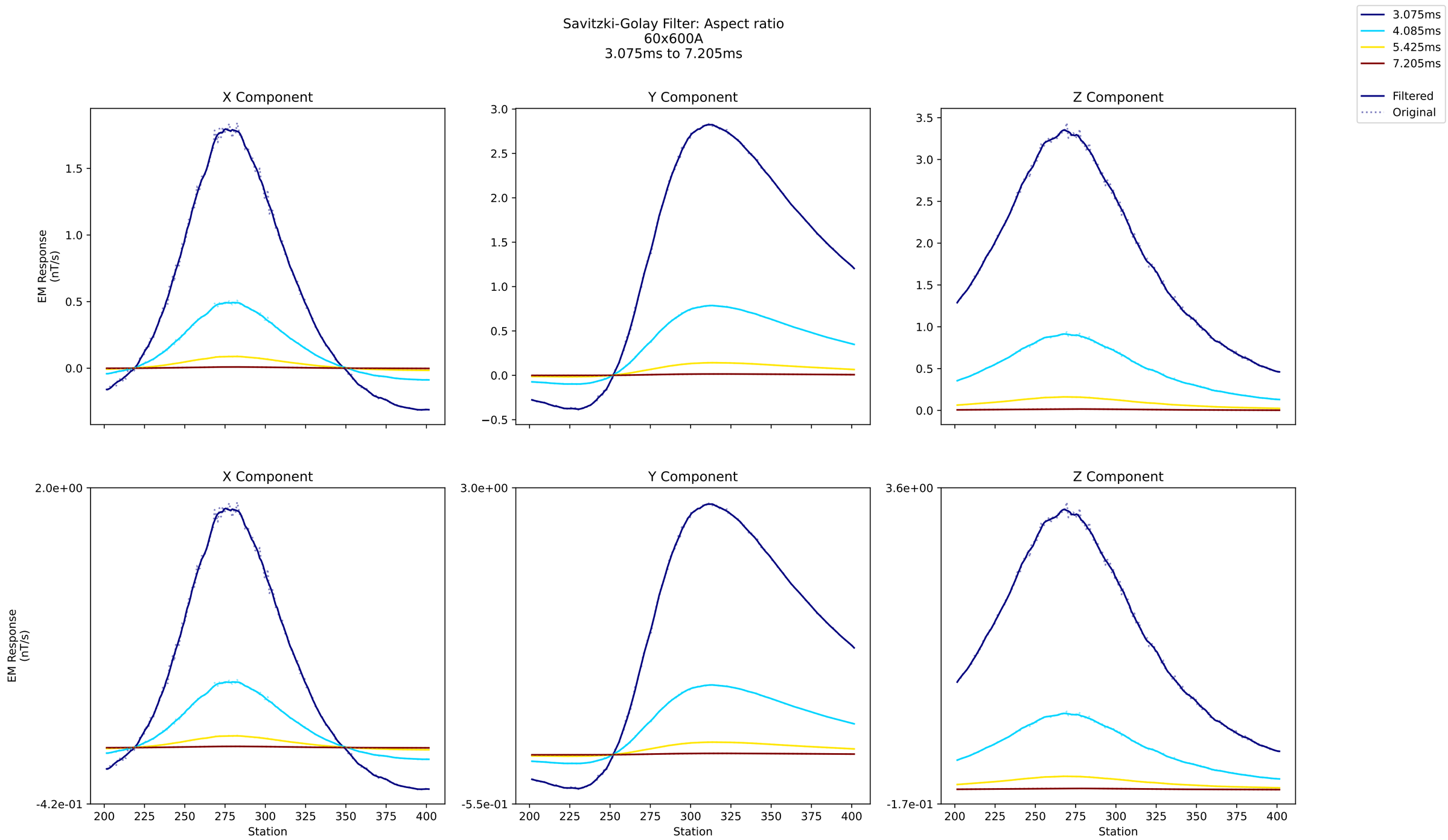
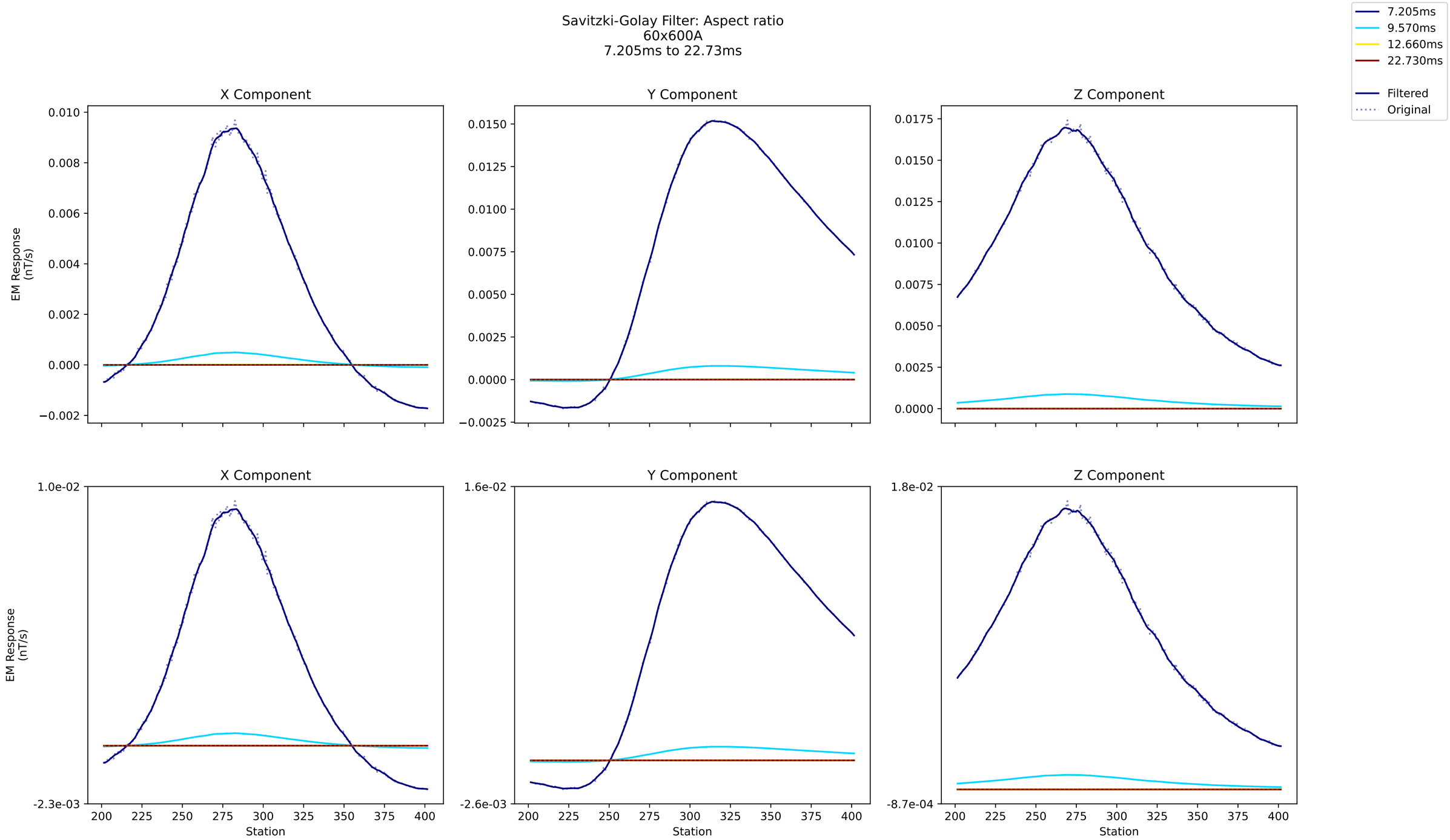
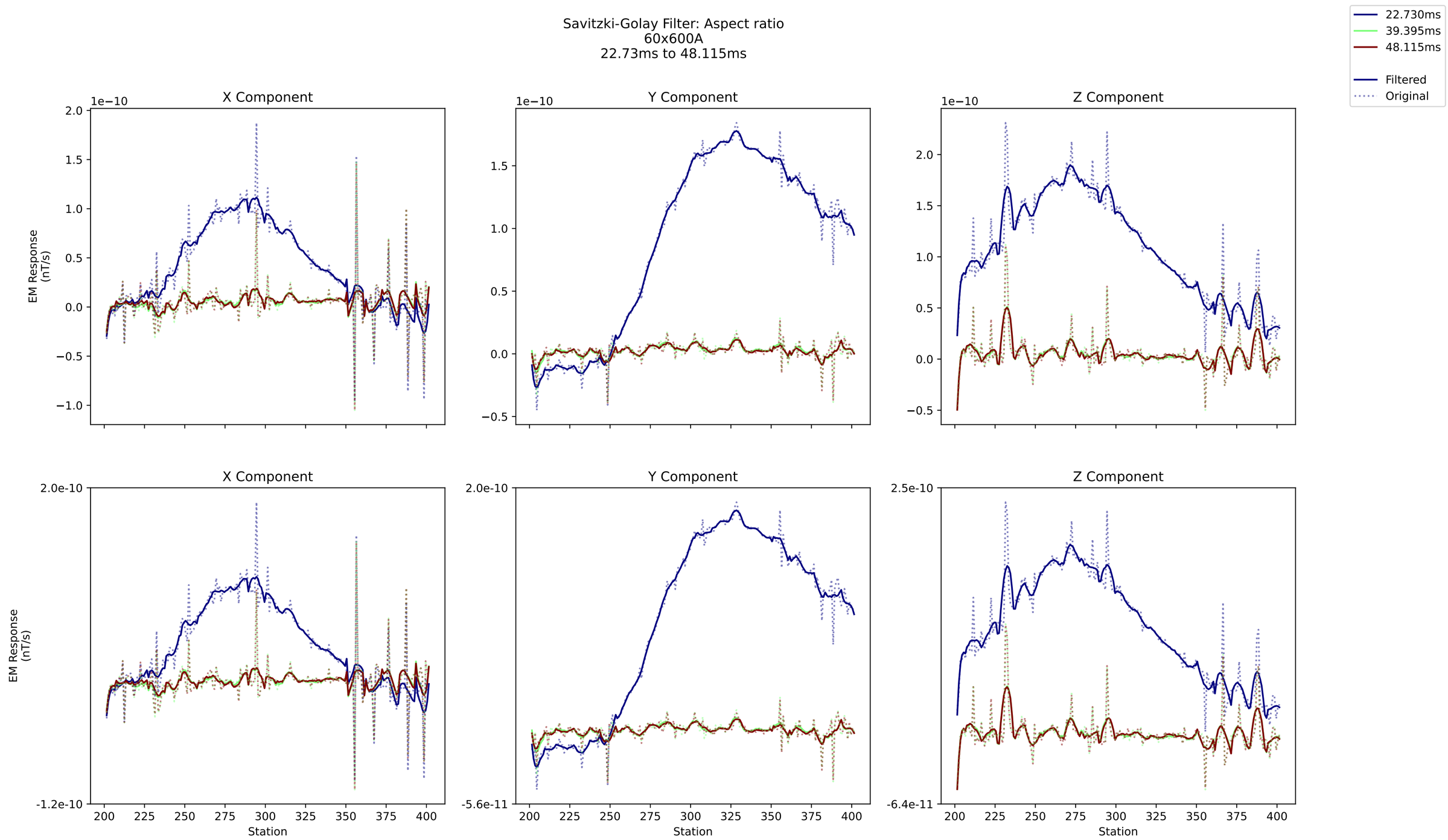
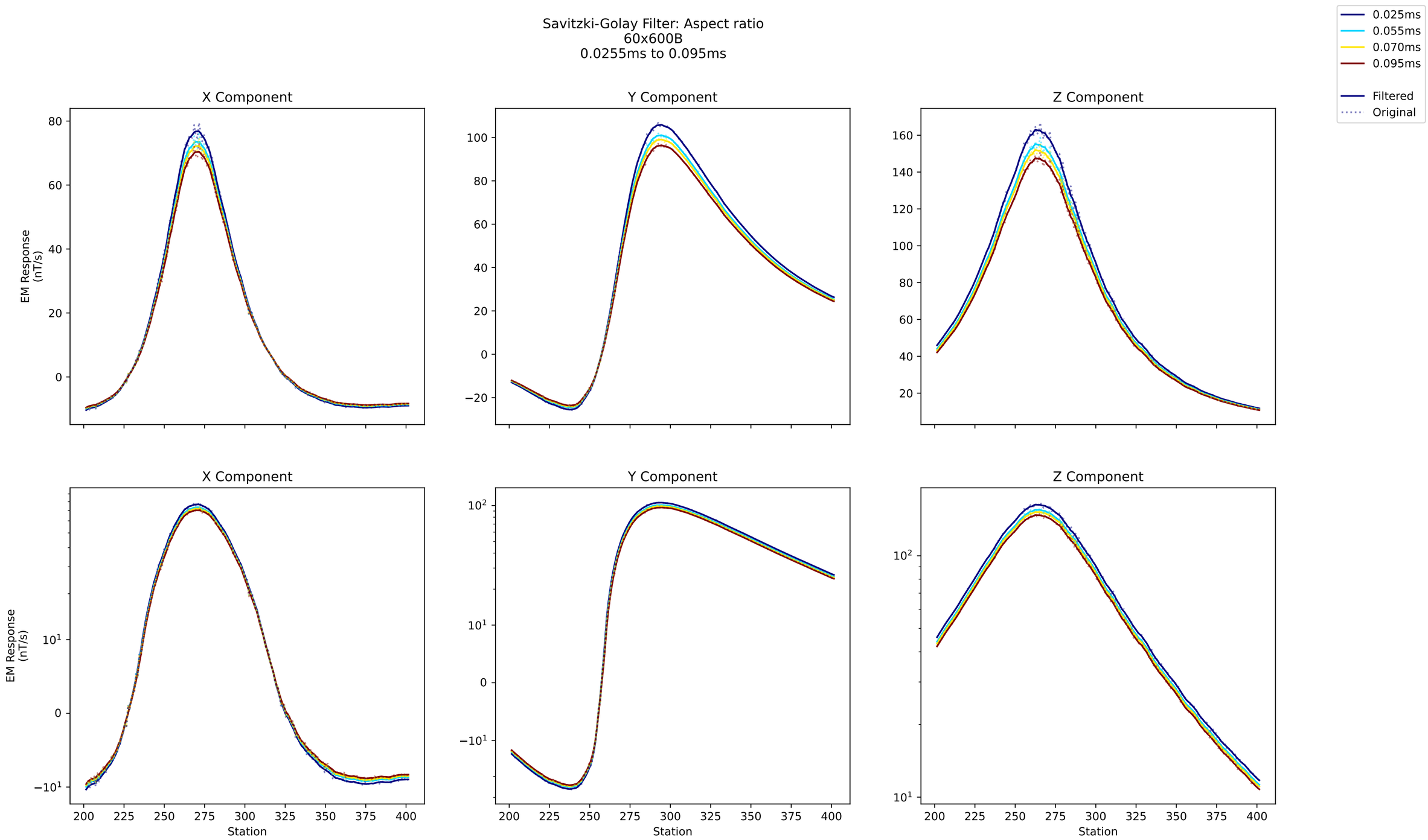
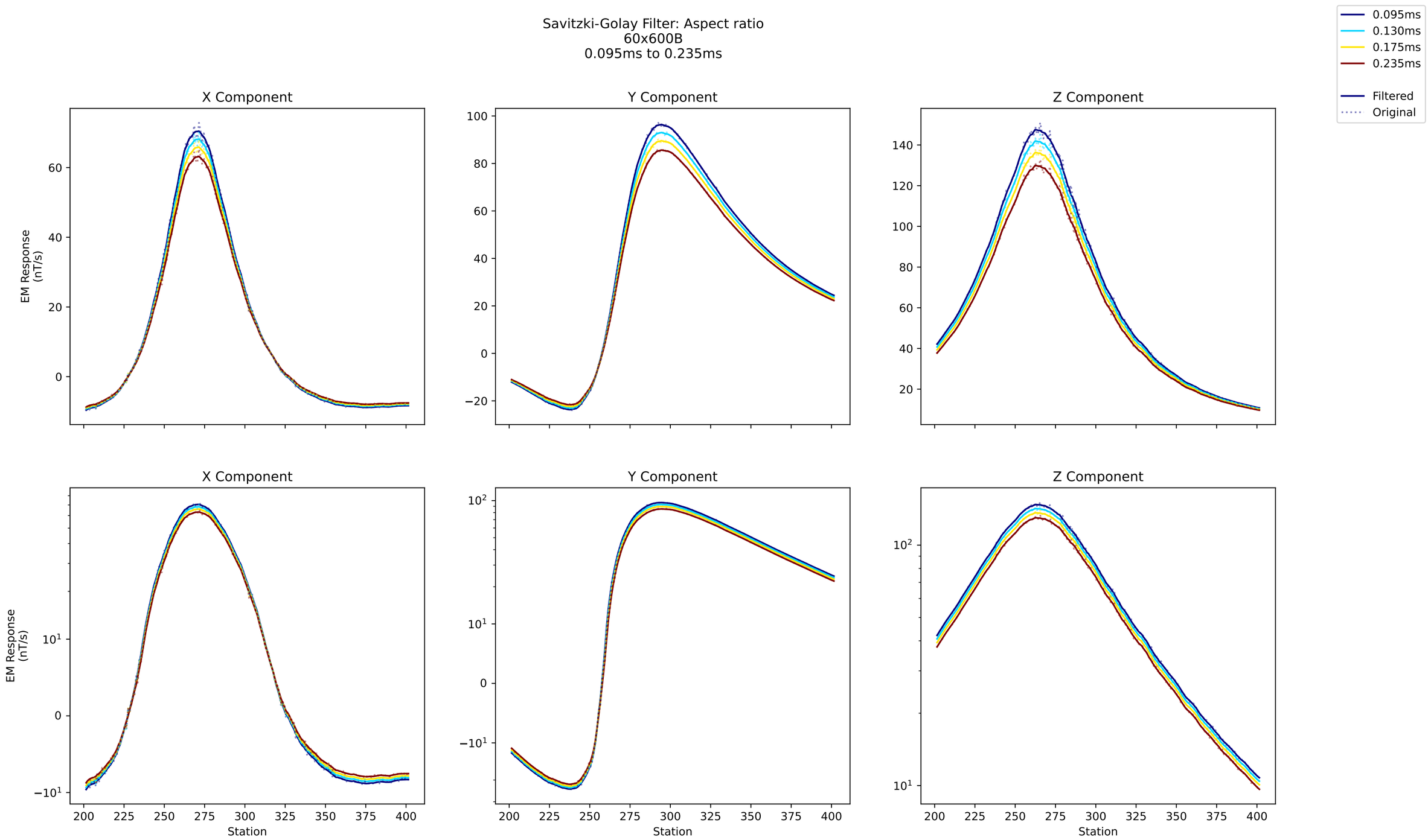
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

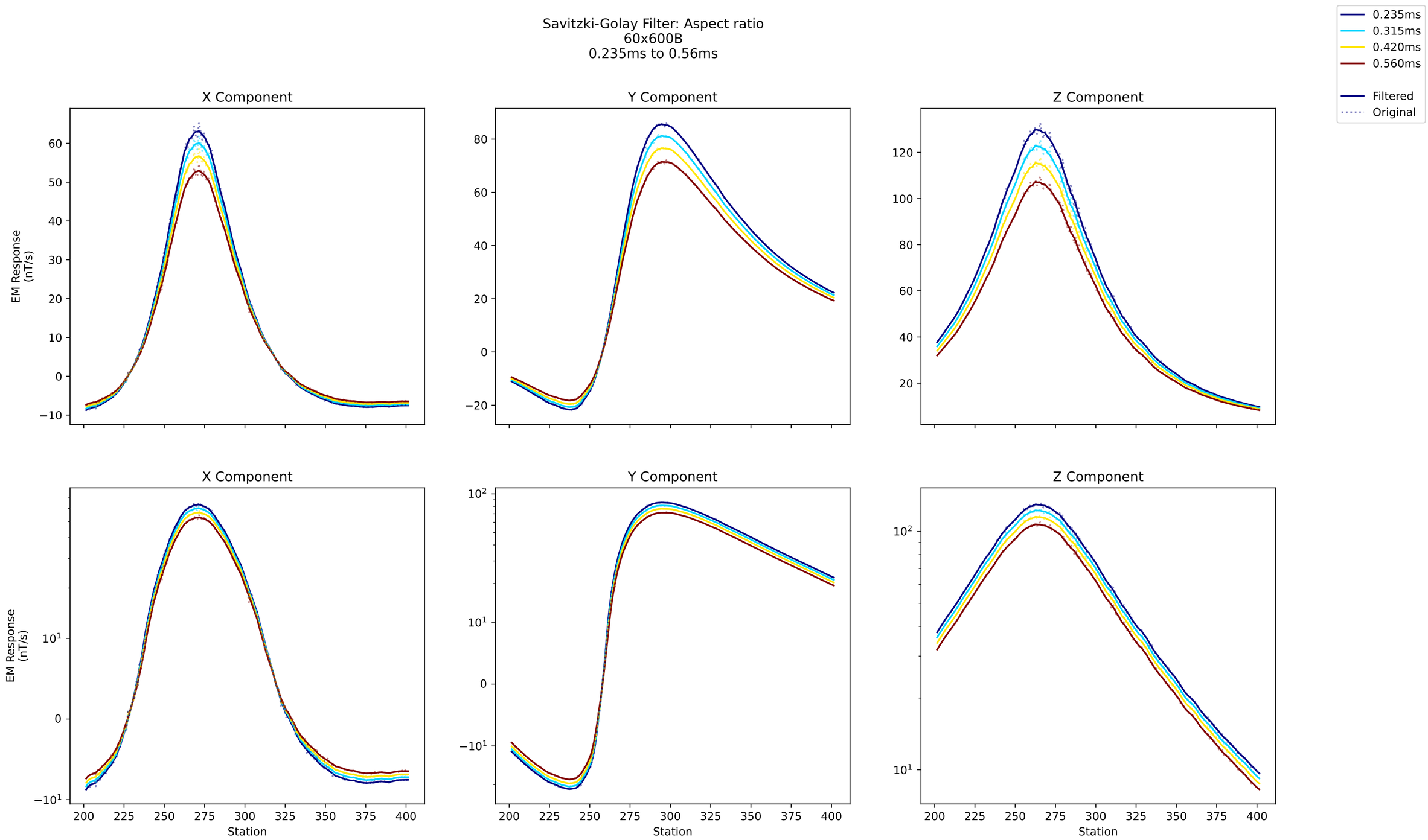

Savitzki-Golay Filter: Aspect ratio
60x600A
3.075ms to 7.205ms
3.075ms
4.085ms
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

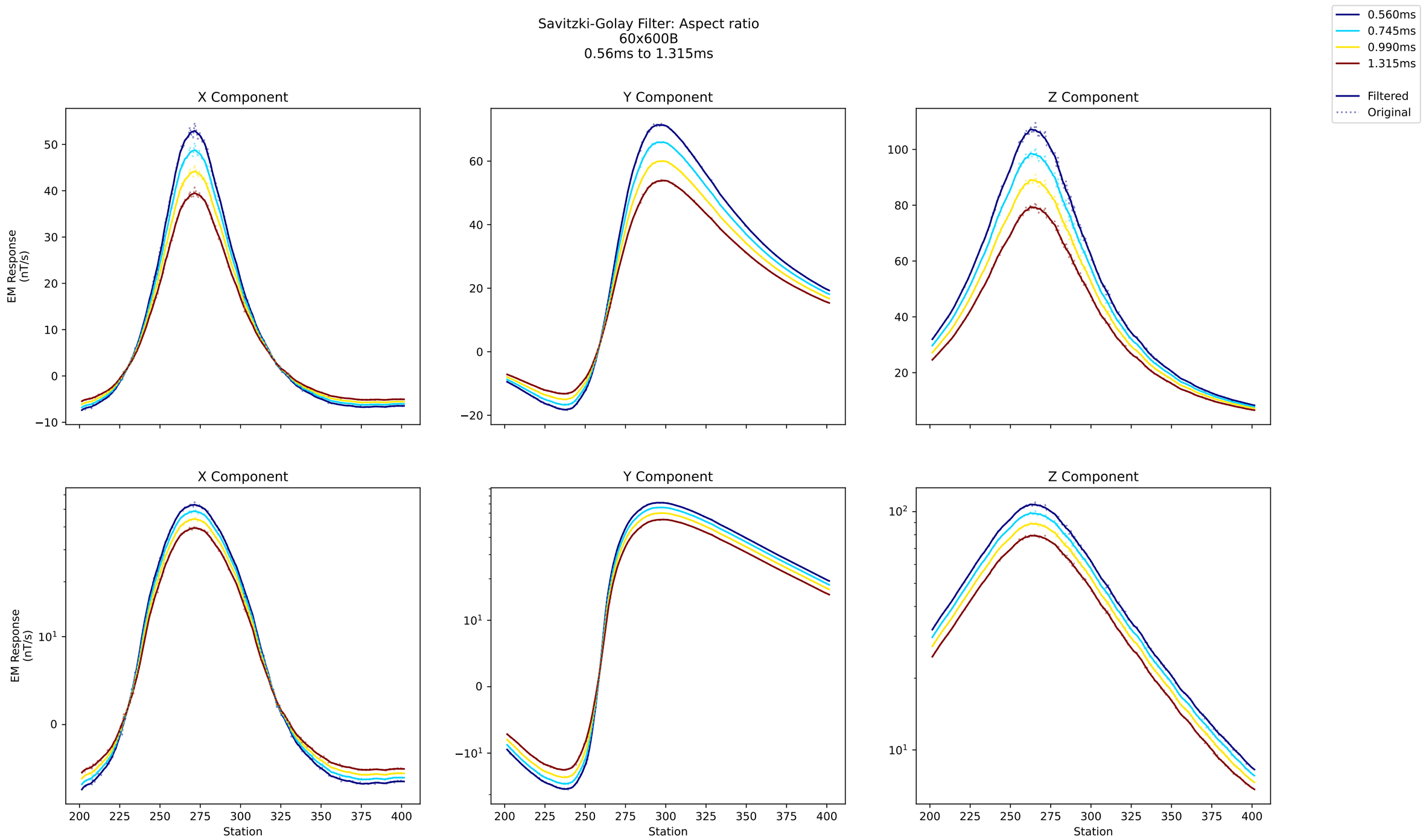

Savitzki-Golay Filter: Aspect ratio
60x600A
7.205ms to 22.73ms
7.205ms
9.570ms
12.660ms
22.730ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

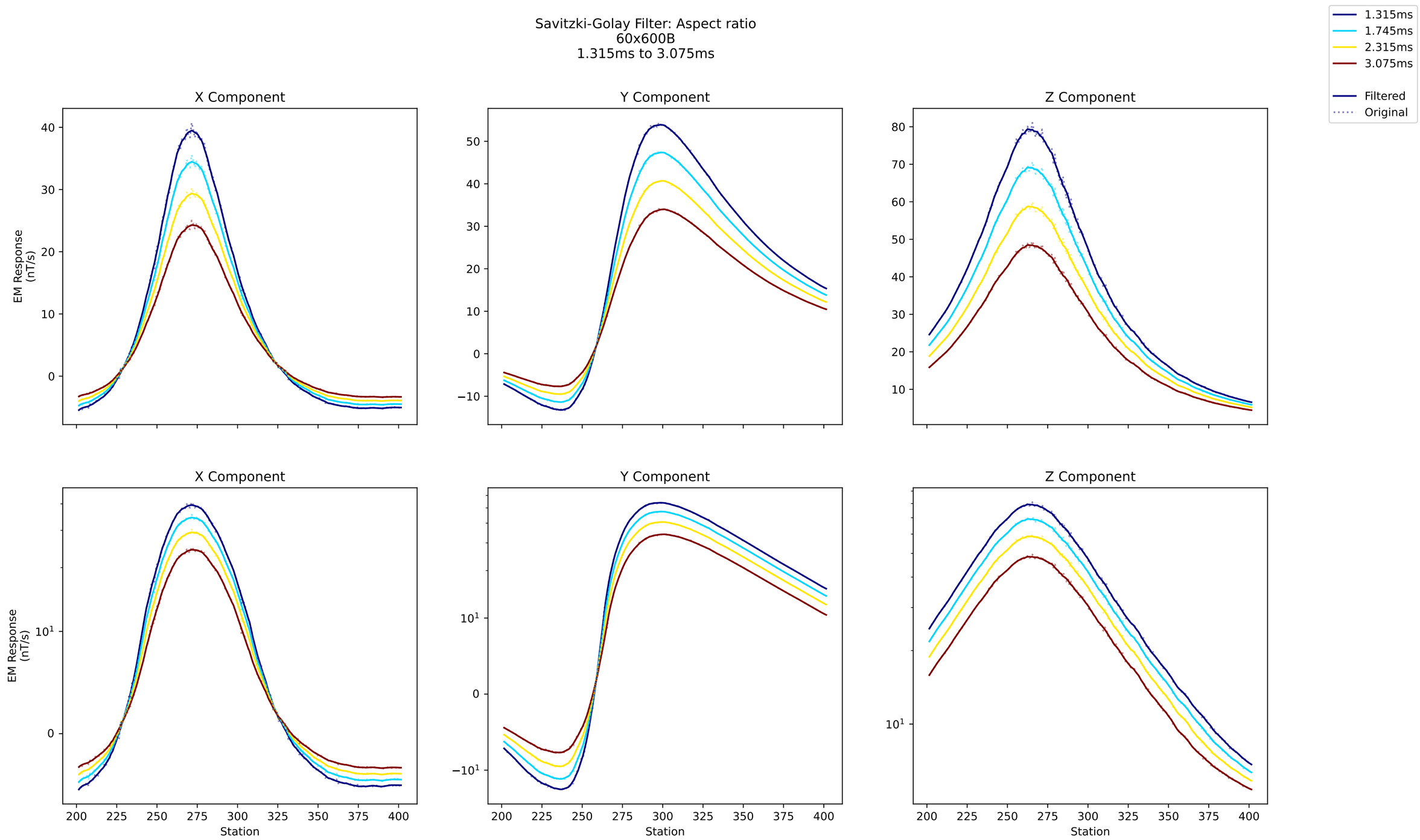

Savitzki-Golay Filter: Aspect ratio
60x600A
22.73ms to 48.115ms
22.730ms
39.395ms
48.115ms
Filtered
Original
X Component
Y Component
Z Component
1e−10
EM Response
(nT/s)
2.0e-10
-1.2e-10
-5.6e-11
-6.4e-11
2.5e-10
Station

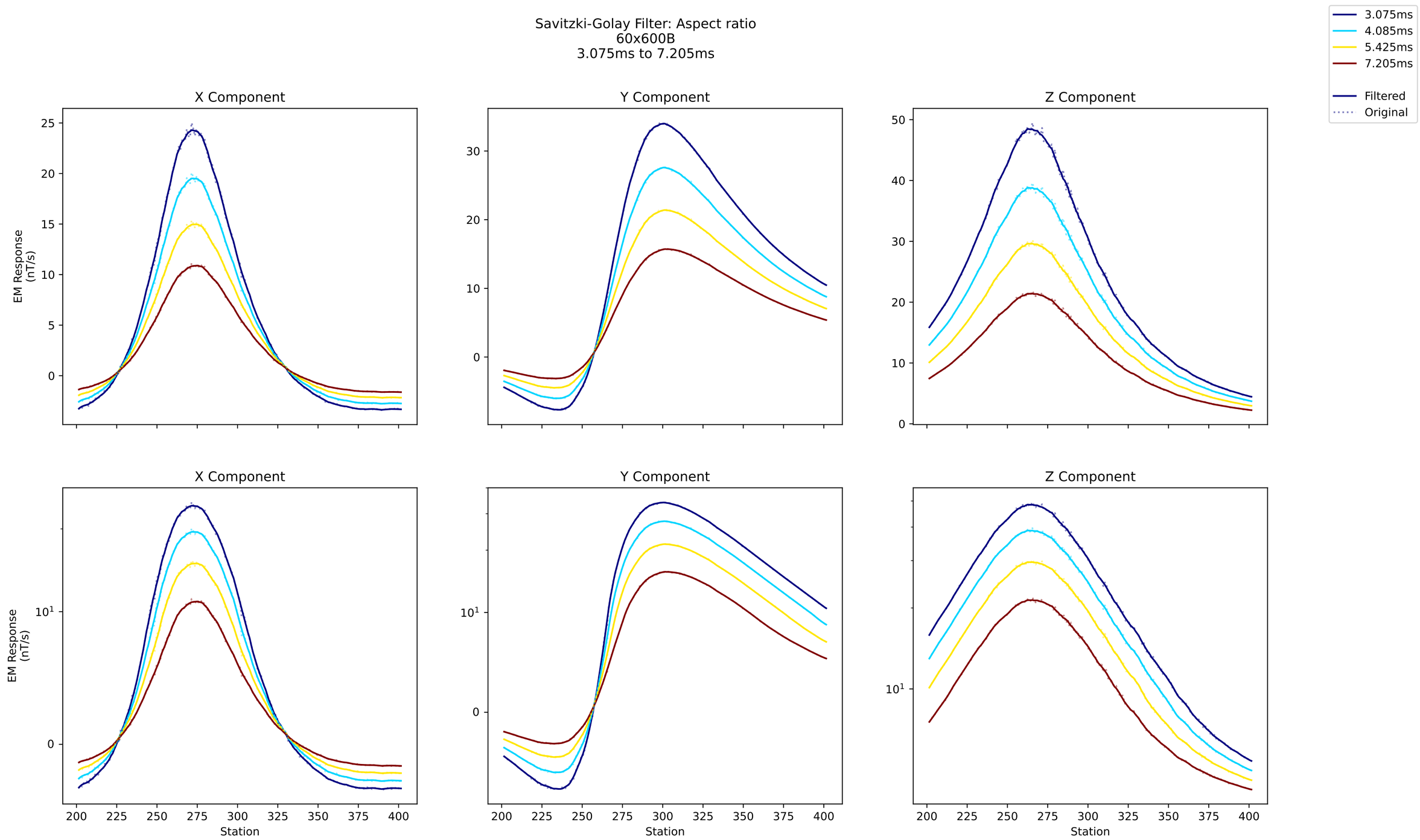

Savitzki-Golay Filter: Aspect ratio
60x600B
0.0255ms to 0.095ms
0.025ms
0.055ms
0.070ms
0.095ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

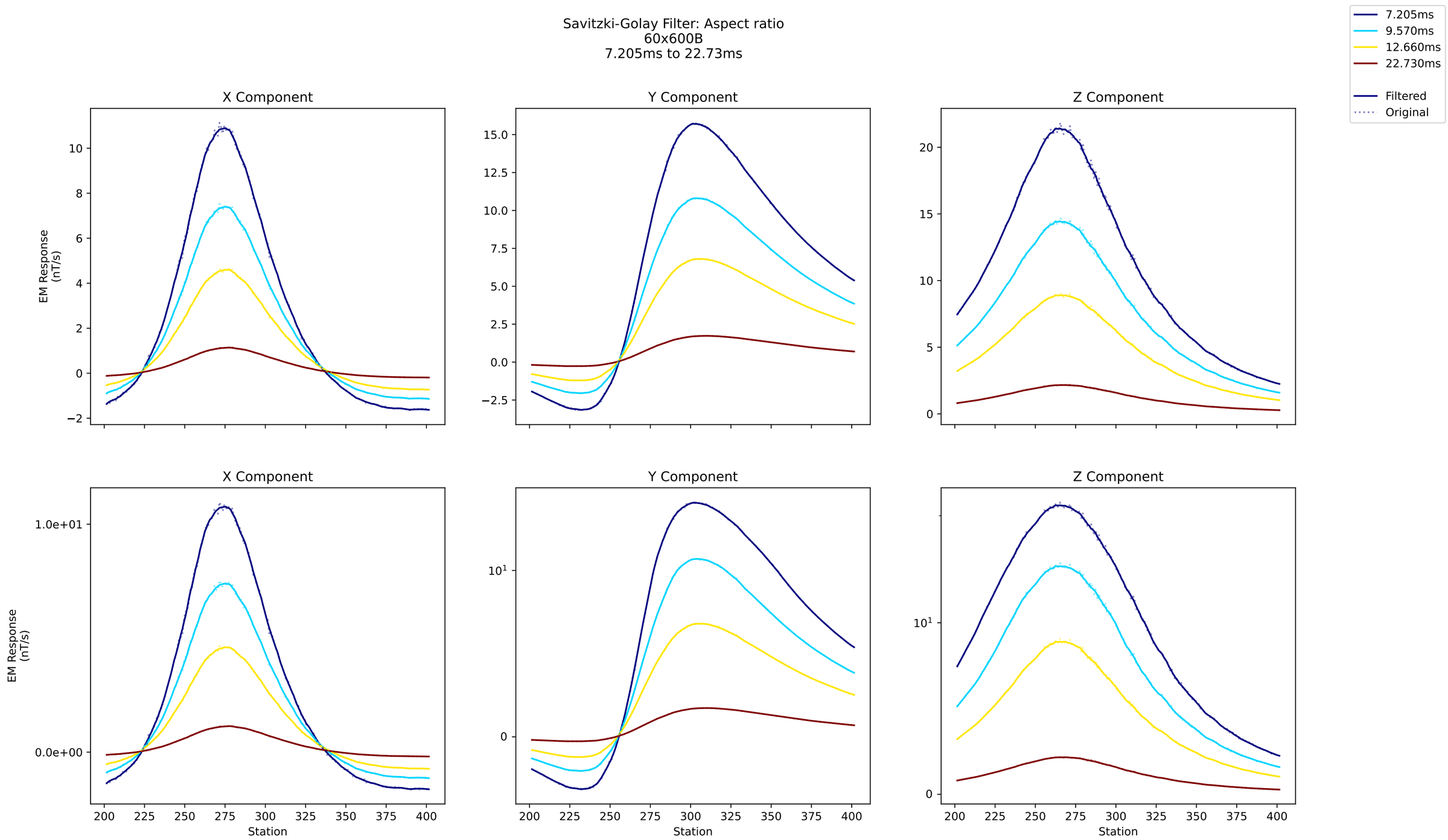

Savitzki-Golay Filter: Aspect ratio
60x600B
0.095ms to 0.235ms
0.095ms
0.130ms
0.175ms
0.235ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

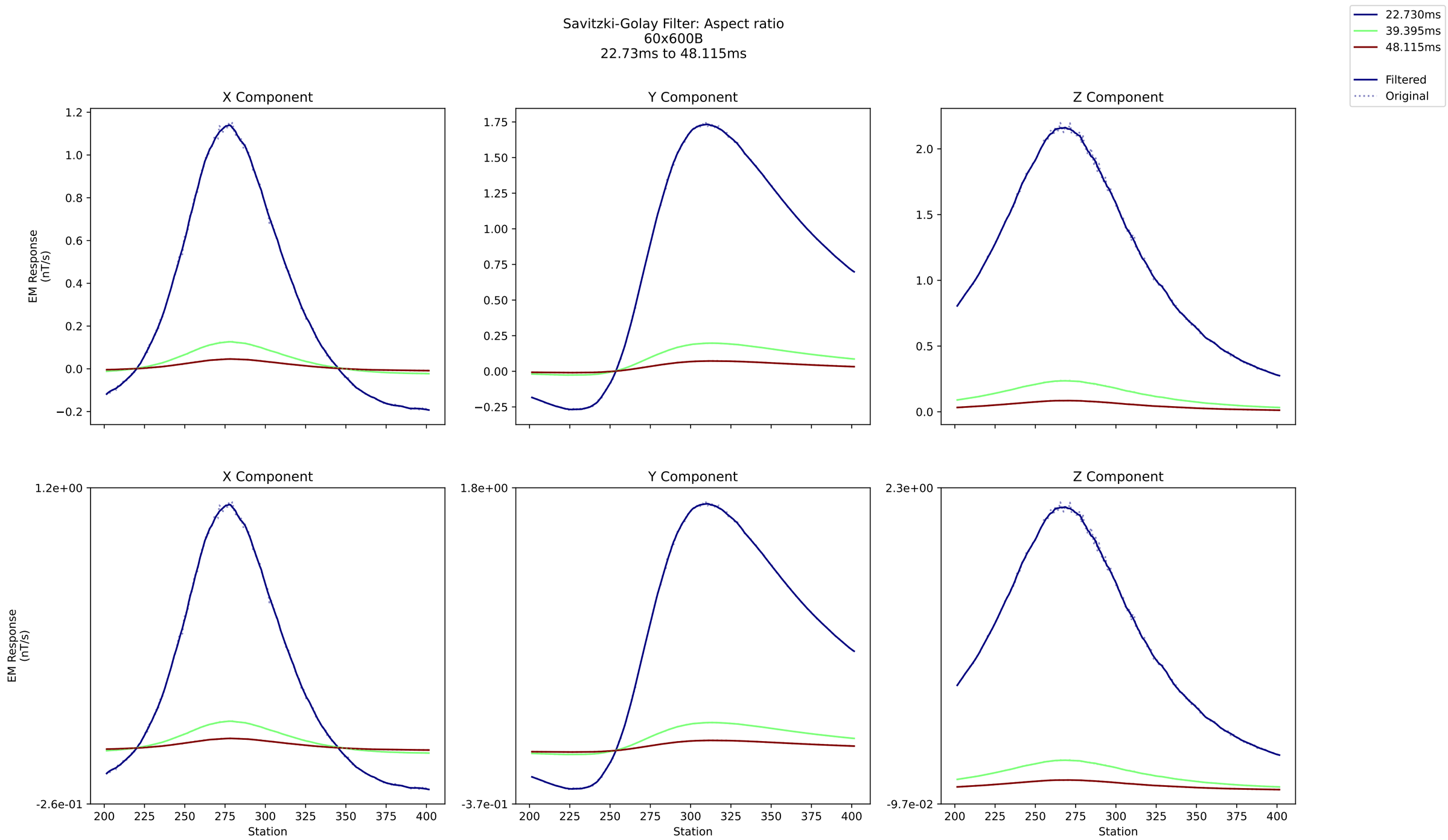

Savitzki-Golay Filter: Aspect ratio
60x600B
0.235ms to 0.56ms
0.235ms
0.315ms
0.420ms
0.560ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

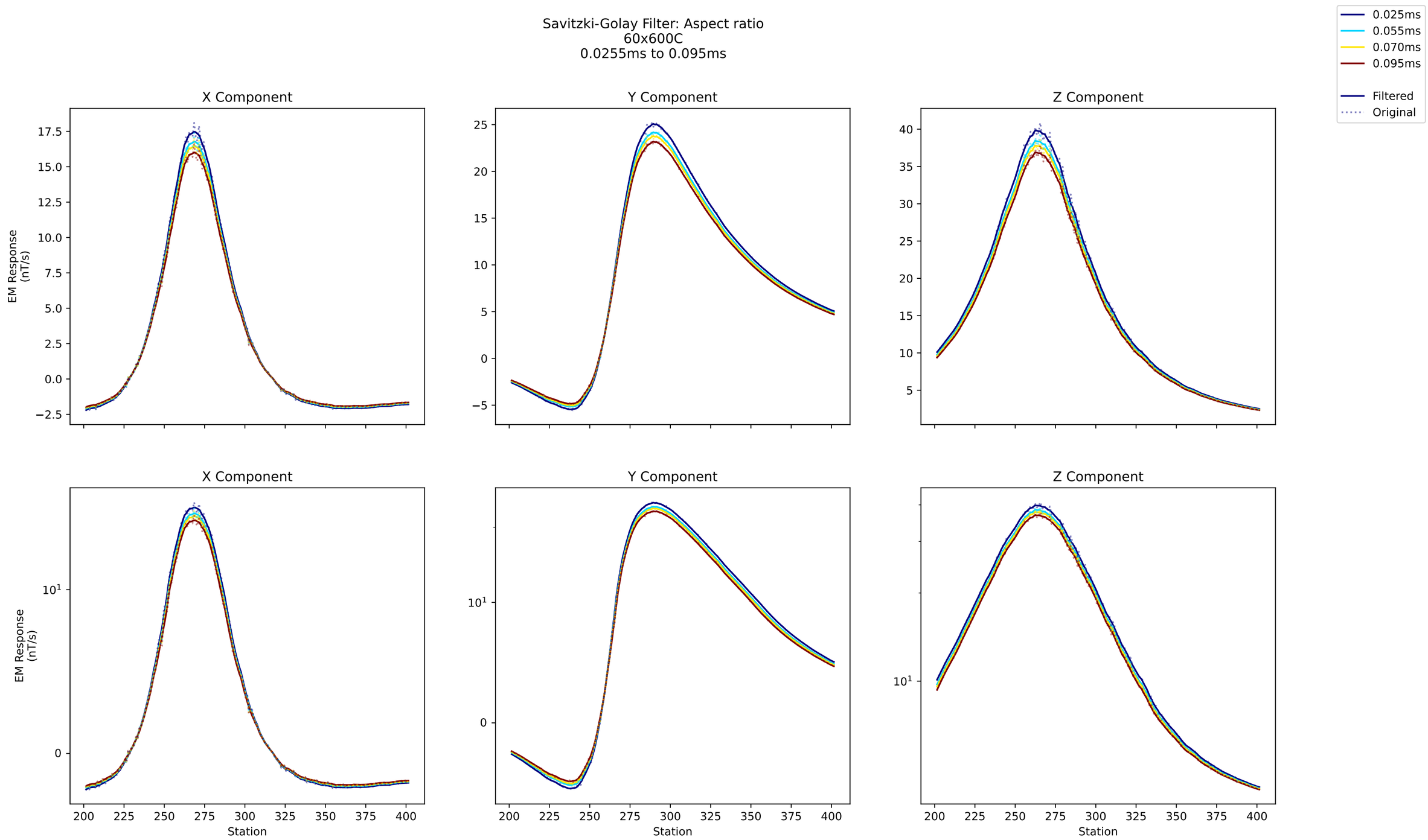

Savitzki-Golay Filter: Aspect ratio
60x600B
0.56ms to 1.315ms
0.560ms
0.745ms
0.990ms
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

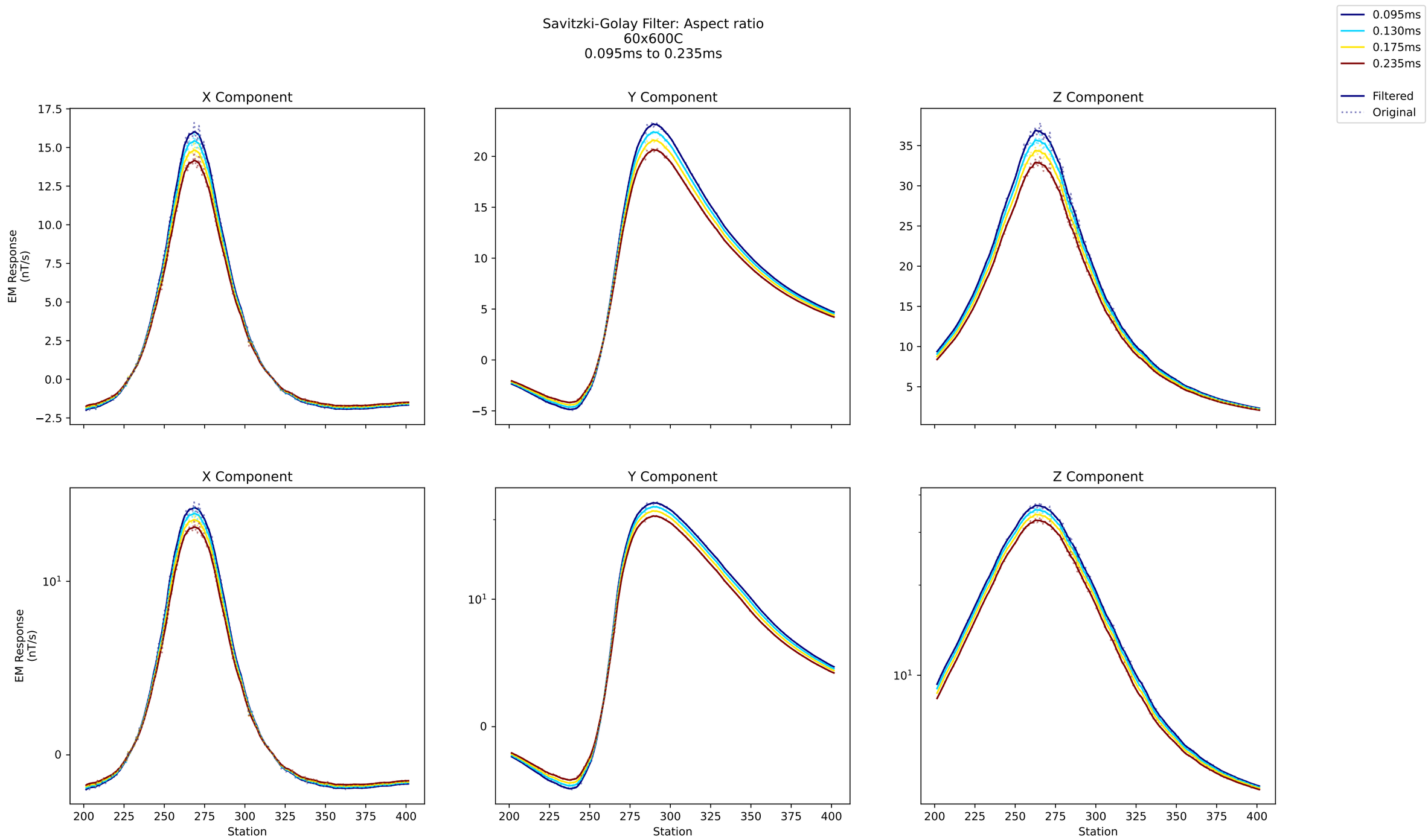

Savitzki-Golay Filter: Aspect ratio
60x600B
1.315ms to 3.075ms
1.315ms
1.745ms
2.315ms
3.075ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

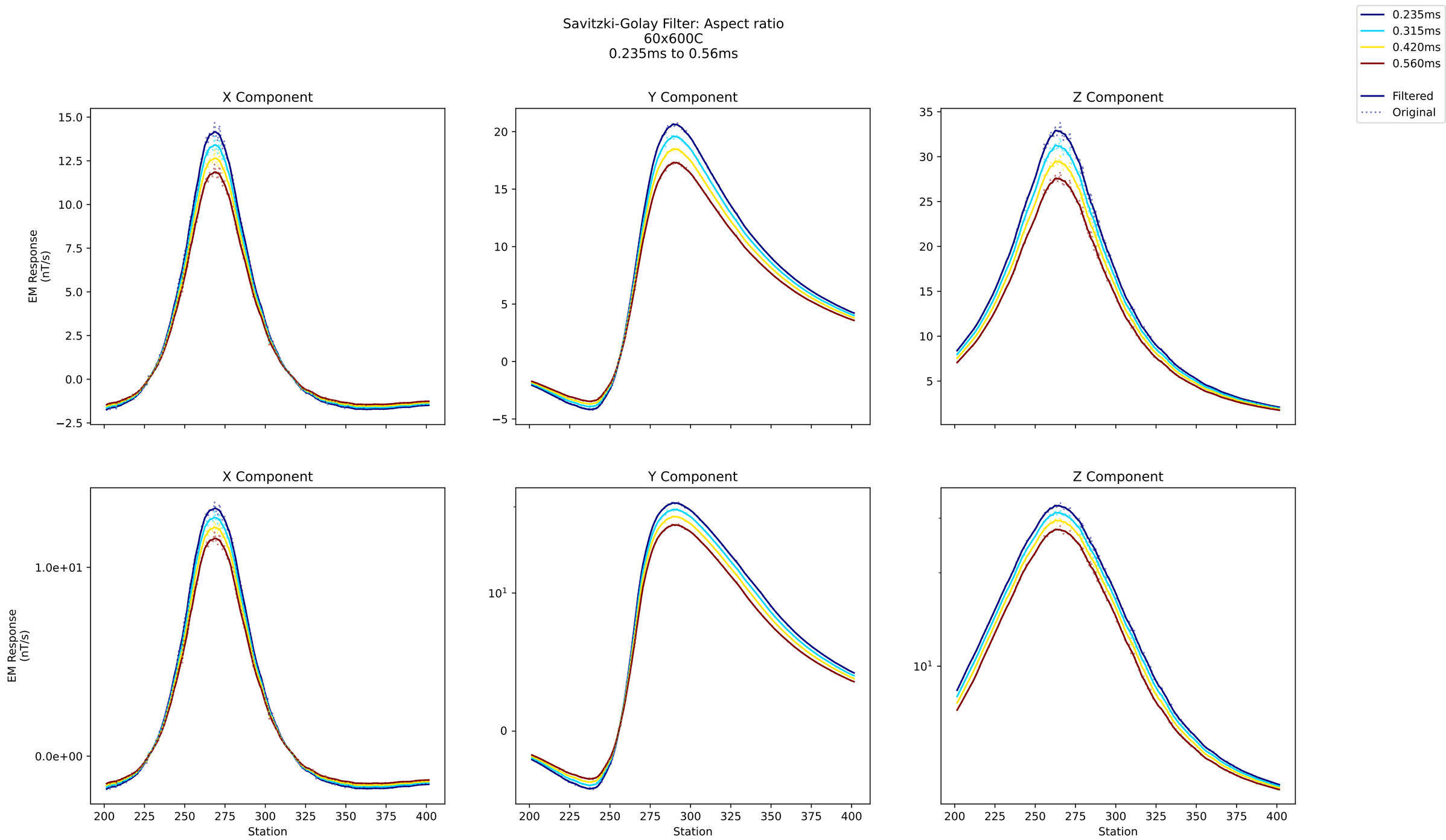

Savitzki-Golay Filter: Aspect ratio
60x600B
3.075ms to 7.205ms
3.075ms
4.085ms
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

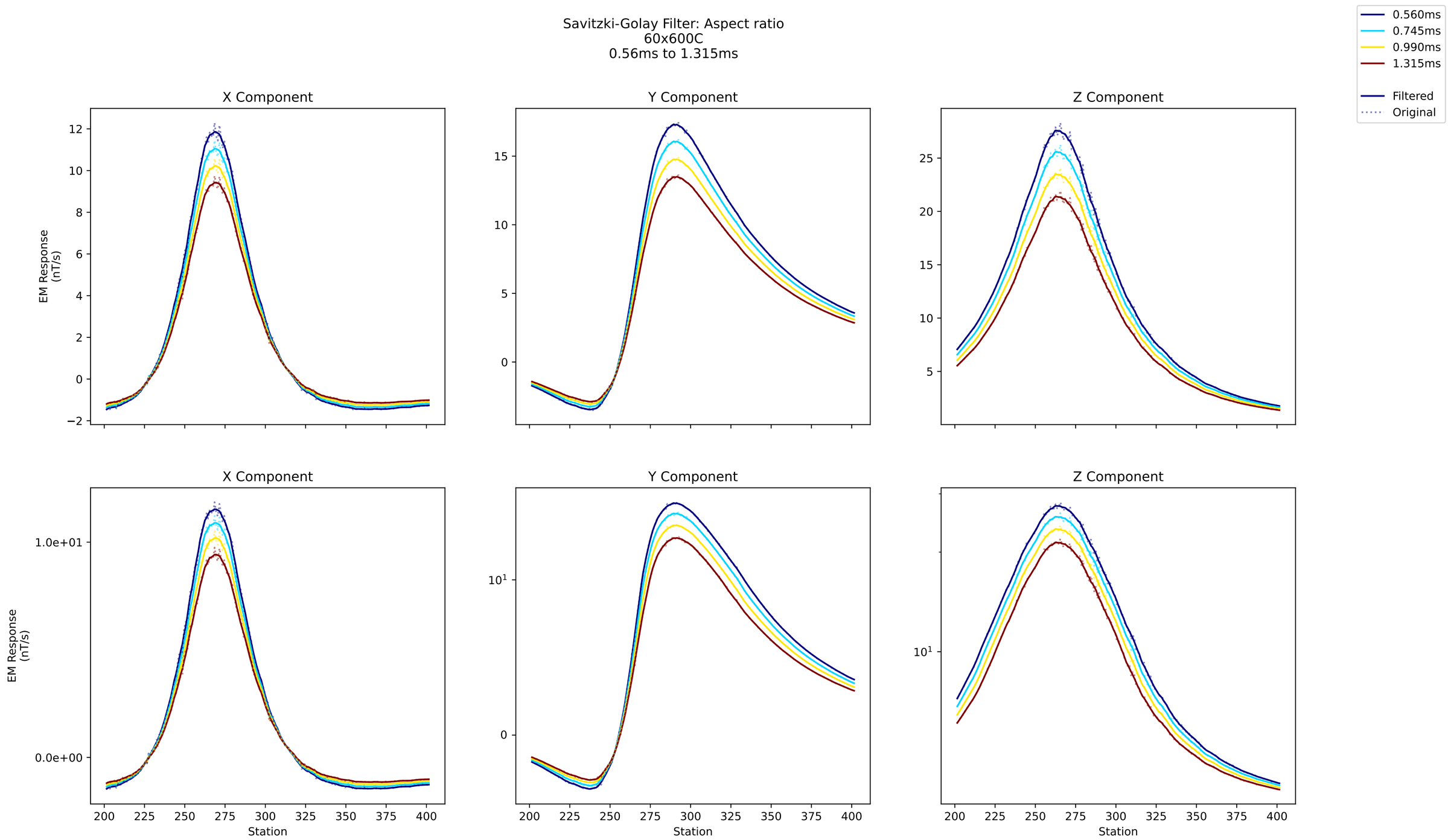

Savitzki-Golay Filter: Aspect ratio
60x600B
7.205ms to 22.73ms
7.205ms
9.570ms
12.660ms
22.730ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

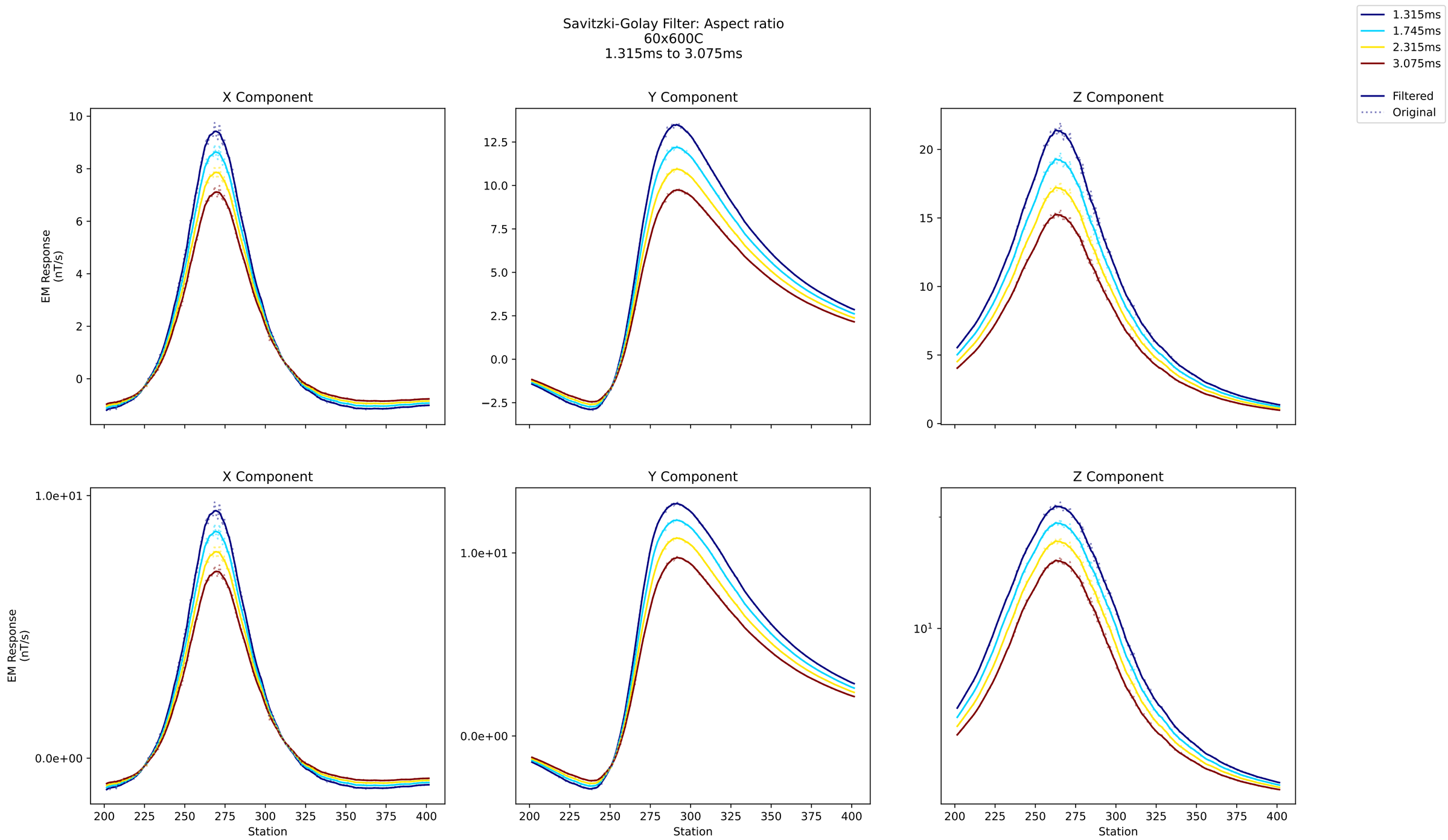

Savitzki-Golay Filter: Aspect ratio
60x600B
22.73ms to 48.115ms
22.730ms
39.395ms
48.115ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
1.2
1.0
0.8
0.6
0.4
0.2
0.0
−0.2
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
−0.25
2.0
1.5
1.0
0.5
0.0
1.2e+00
-2.6e-01
1.8e+00
-3.7e-01
2.3e+00
-9.7e-02
200
225
250
275
300
325
350
375
400
Station

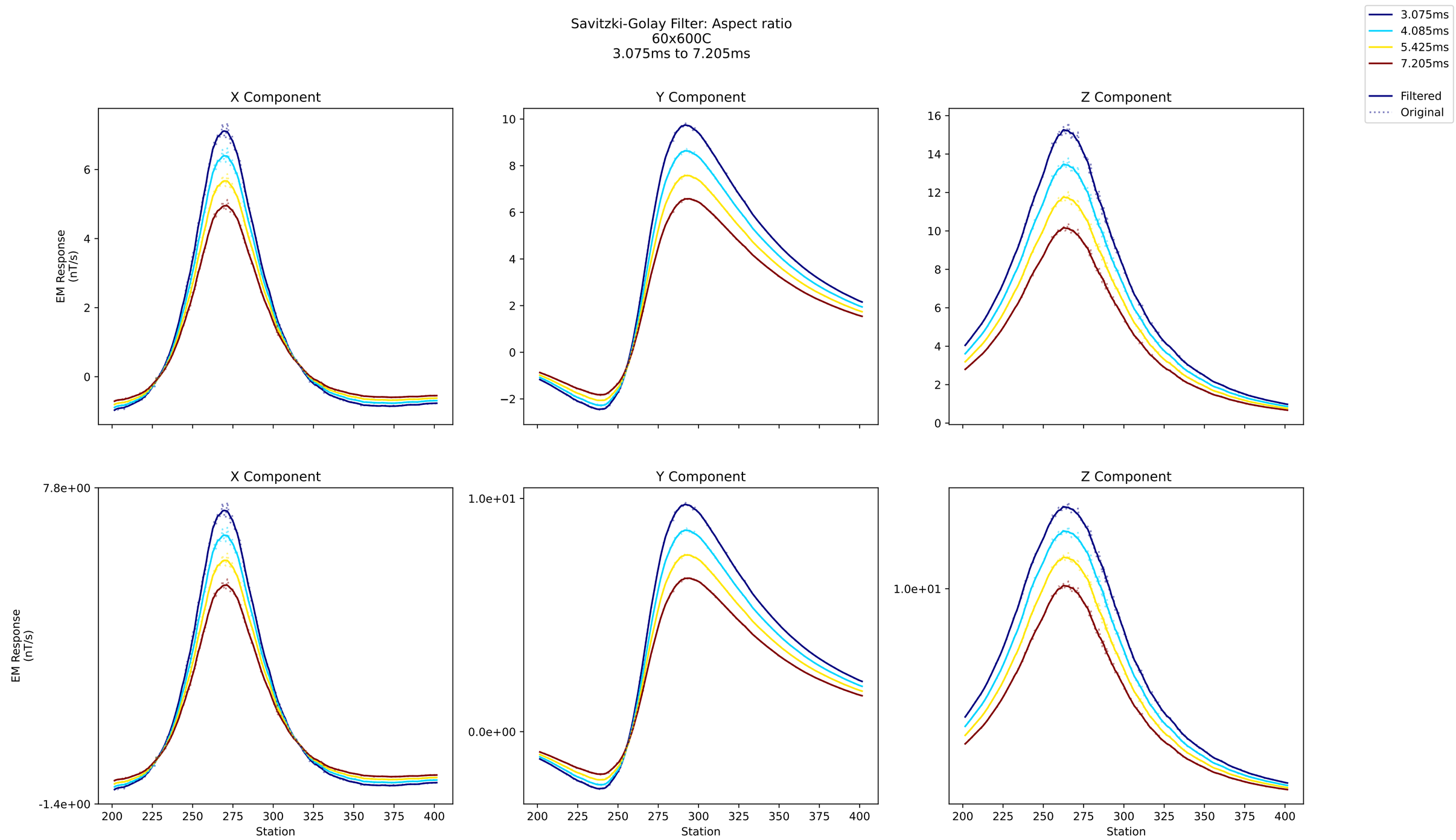

Savitzki-Golay Filter: Aspect ratio
60x600C
0.0255ms to 0.095ms
0.025ms
0.055ms
0.070ms
0.095ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

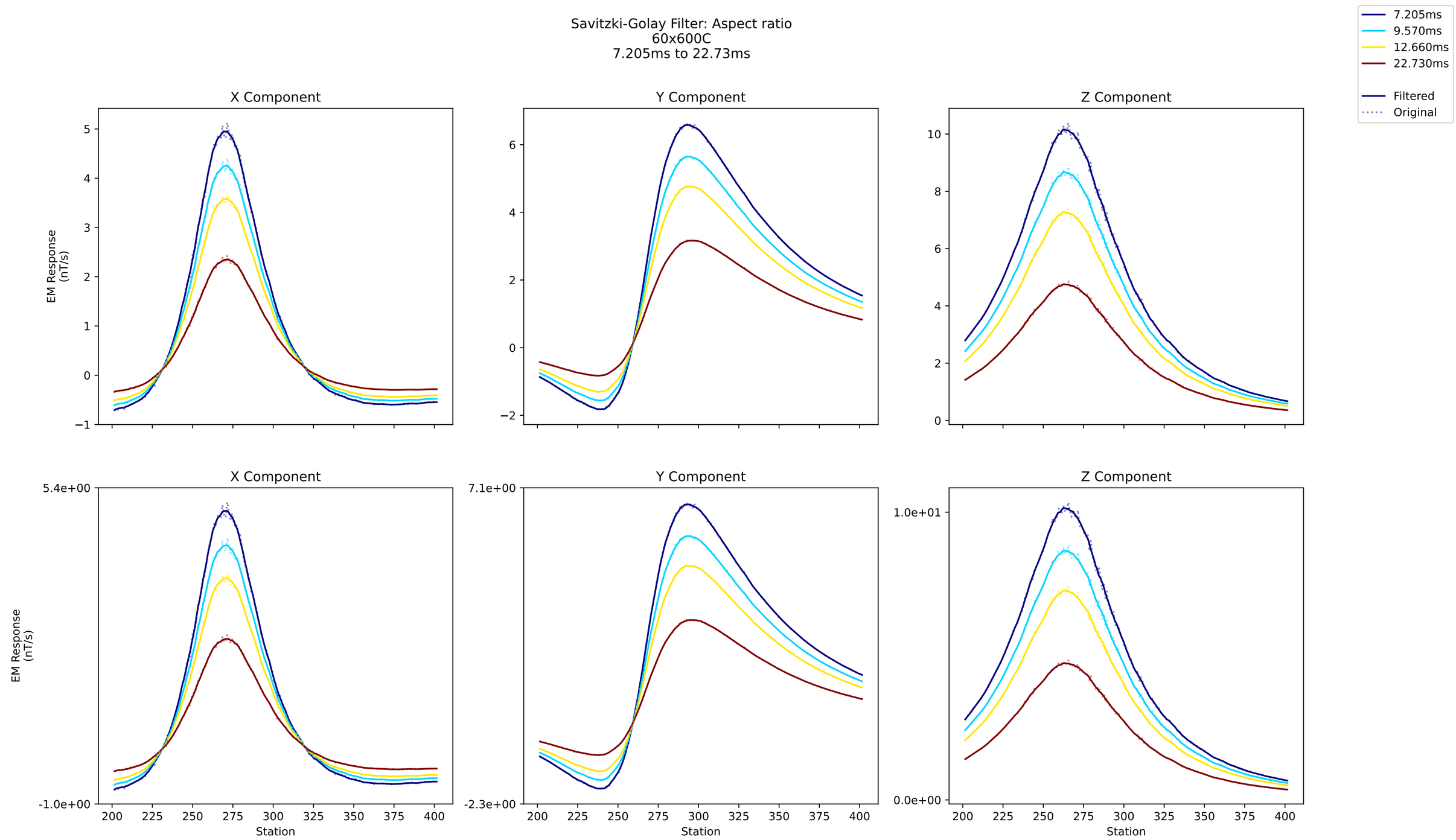

Savitzki-Golay Filter: Aspect ratio
60x600C
0.095ms to 0.235ms
0.095ms
0.130ms
0.175ms
0.235ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

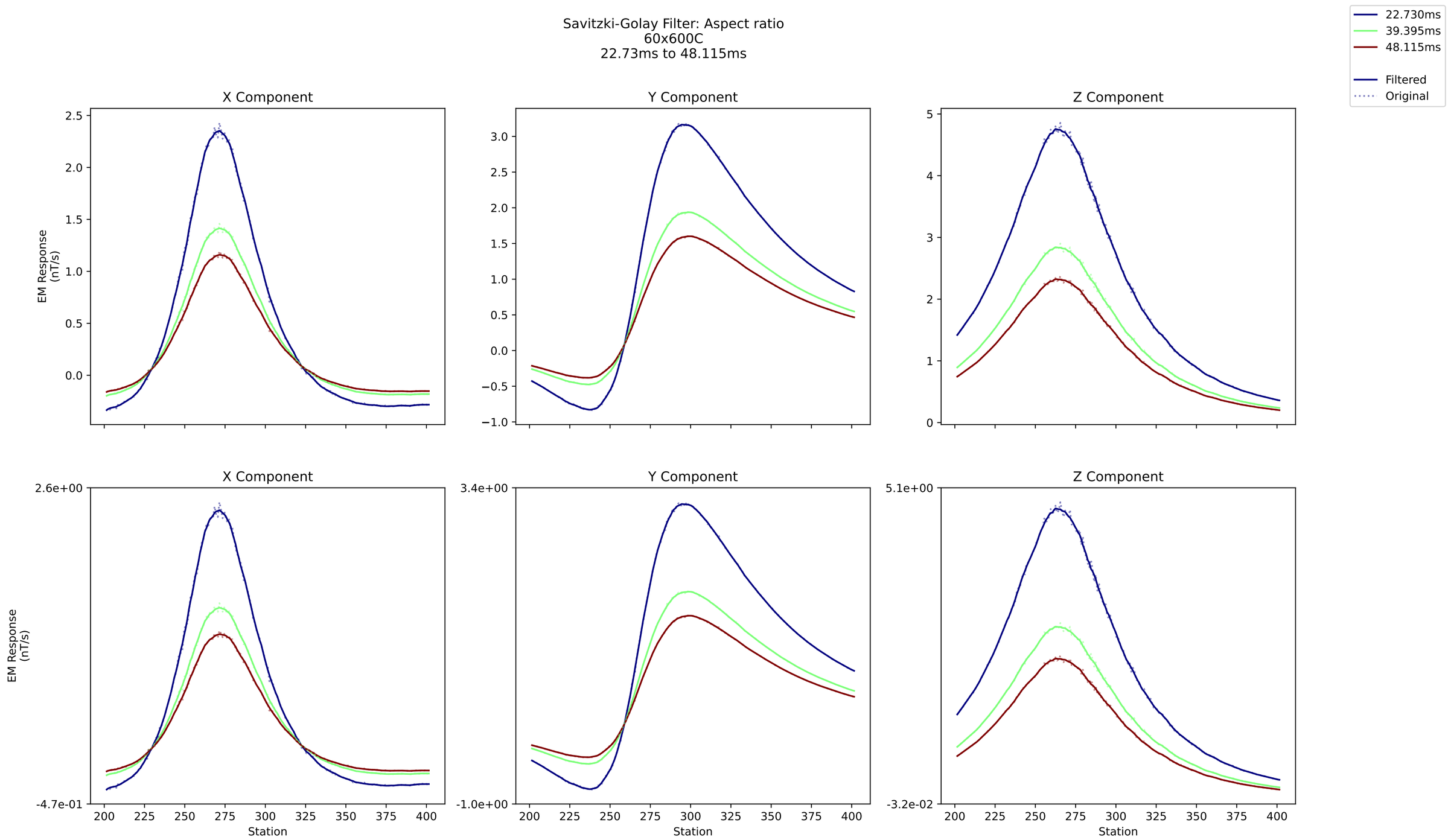

Savitzki-Golay Filter: Aspect ratio
60x600C
0.235ms to 0.56ms
0.235ms
0.315ms
0.420ms
0.560ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

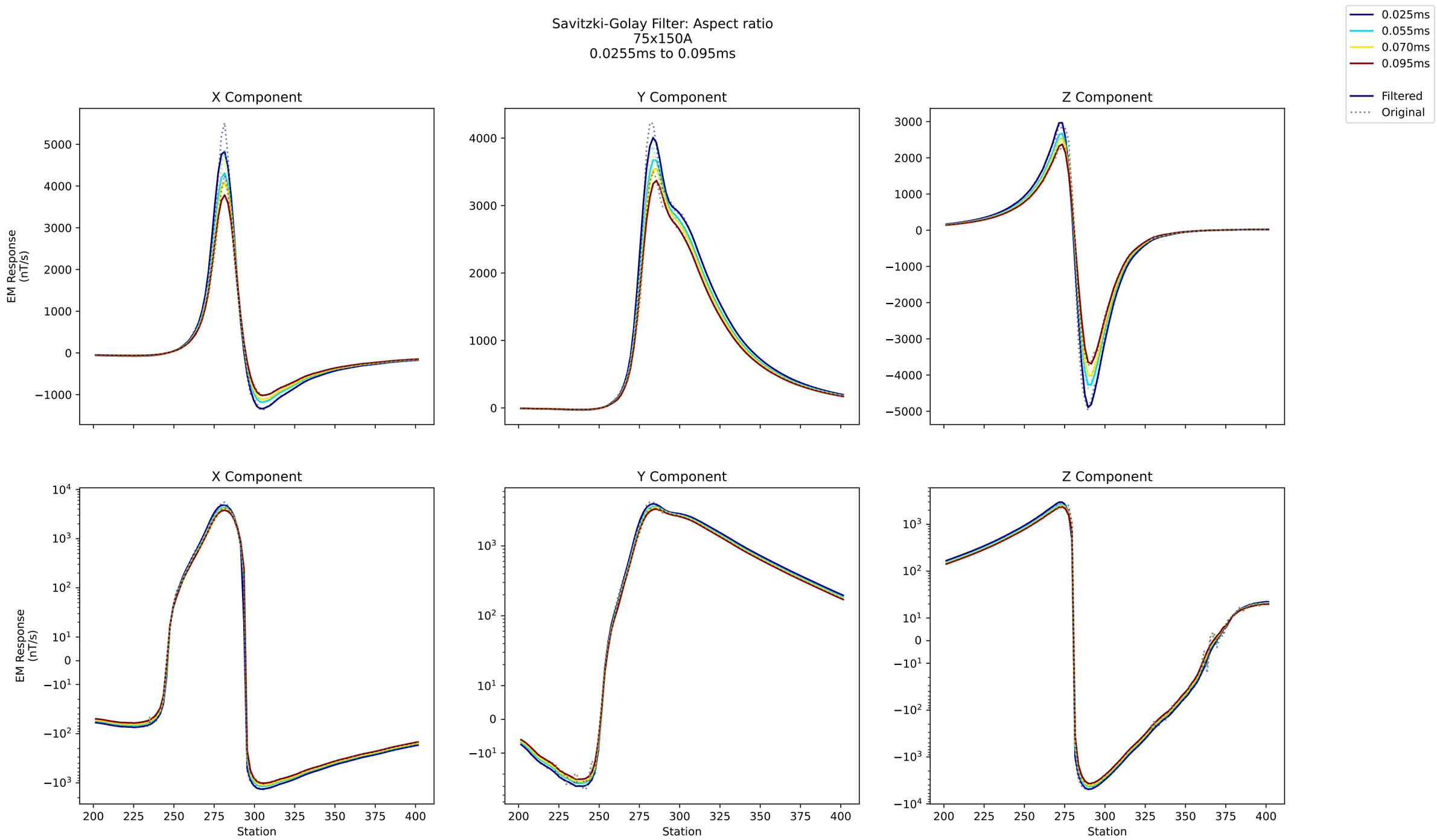

Savitzki-Golay Filter: Aspect ratio
60x600C
0.56ms to 1.315ms
0.560ms
0.745ms
0.990ms
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station
1.0e+01
0.0e+00
10^1

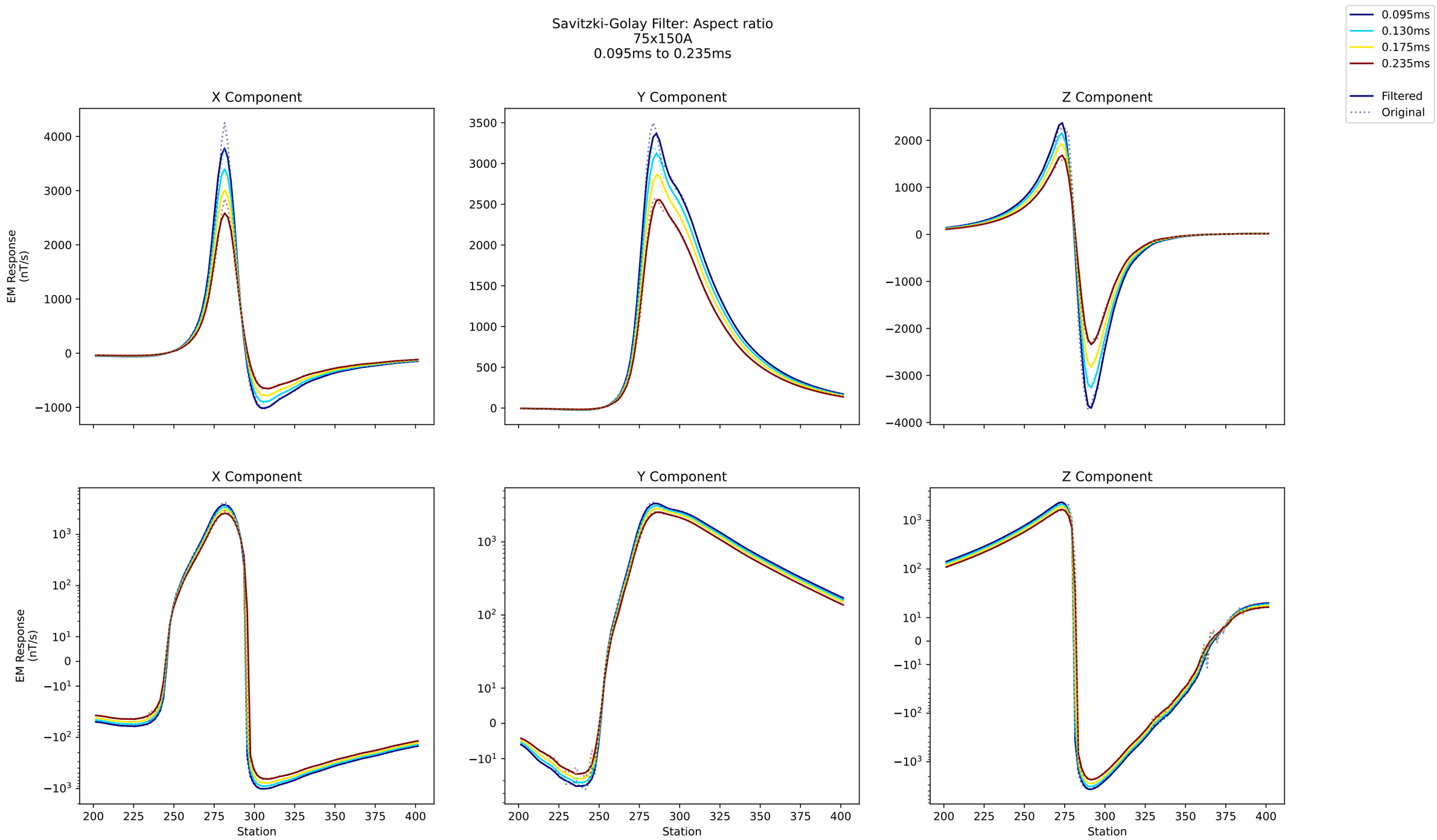

Savitzki-Golay Filter: Aspect ratio
60x600C
1.315ms to 3.075ms
1.315ms
1.745ms
2.315ms
3.075ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

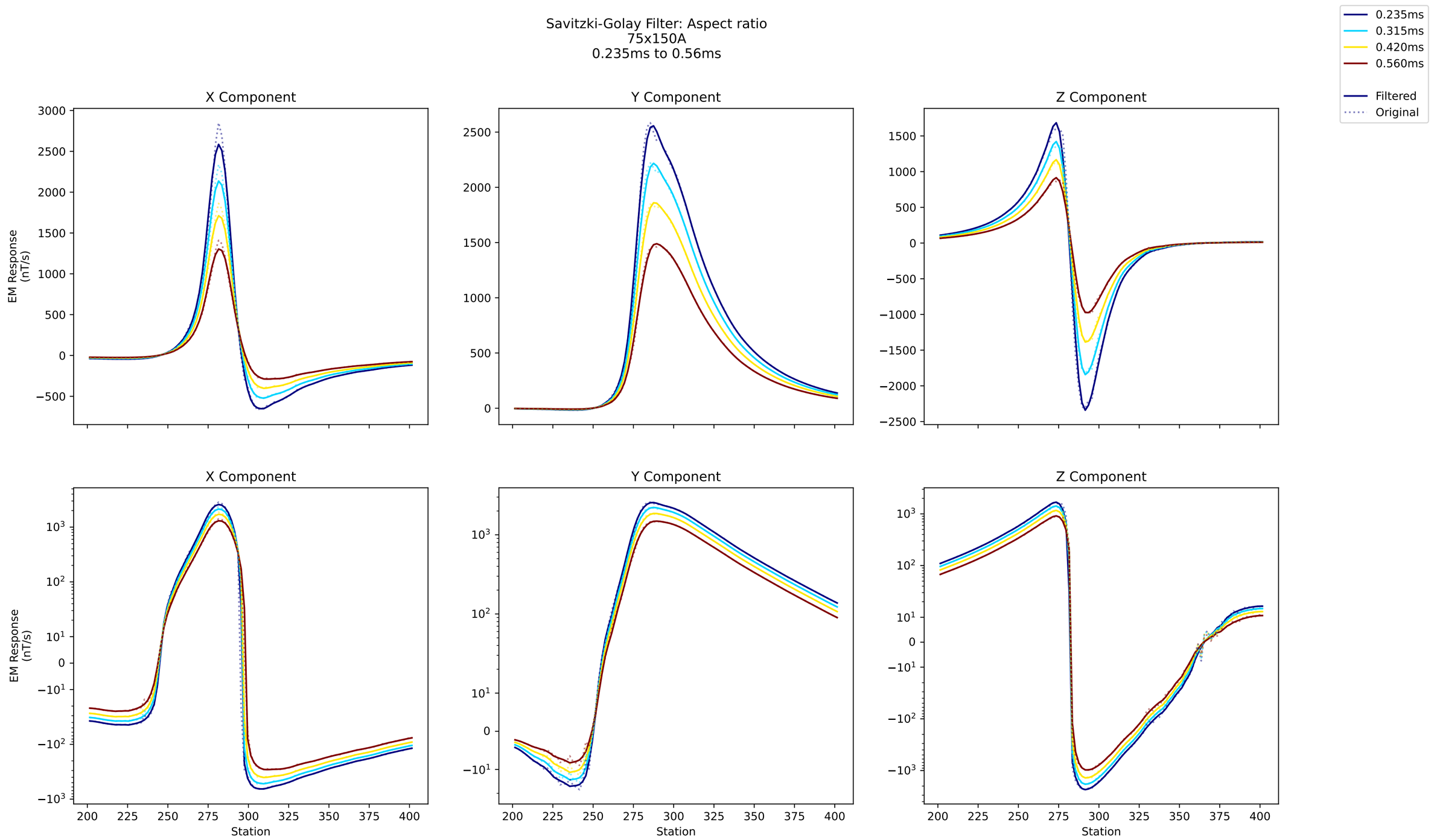

Savitzki-Golay Filter: Aspect ratio
60x600C
3.075ms to 7.205ms
3.075ms
4.085ms
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station
7.8e+00
-1.4e+00
1.0e+01
0.0e+00
1.0e+01

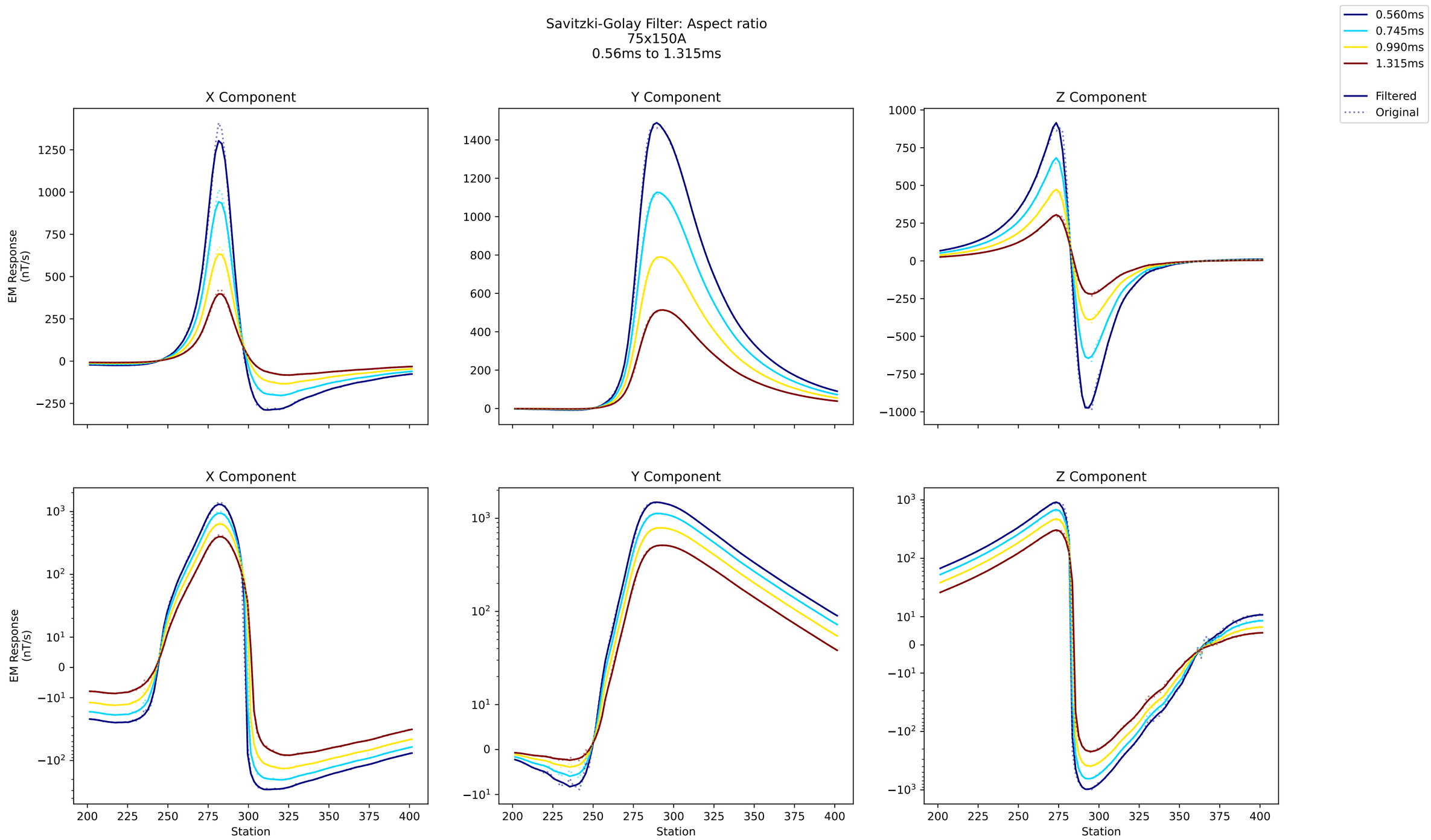

Savitzki-Golay Filter: Aspect ratio
60x600C
7.205ms to 22.73ms
7.205ms
9.570ms
12.660ms
22.730ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station
5.4e+00
-1.0e+00
7.1e+00
-2.3e+00
1.0e+01
0.0e+00
200
225
250
275
300
325
350
375
400

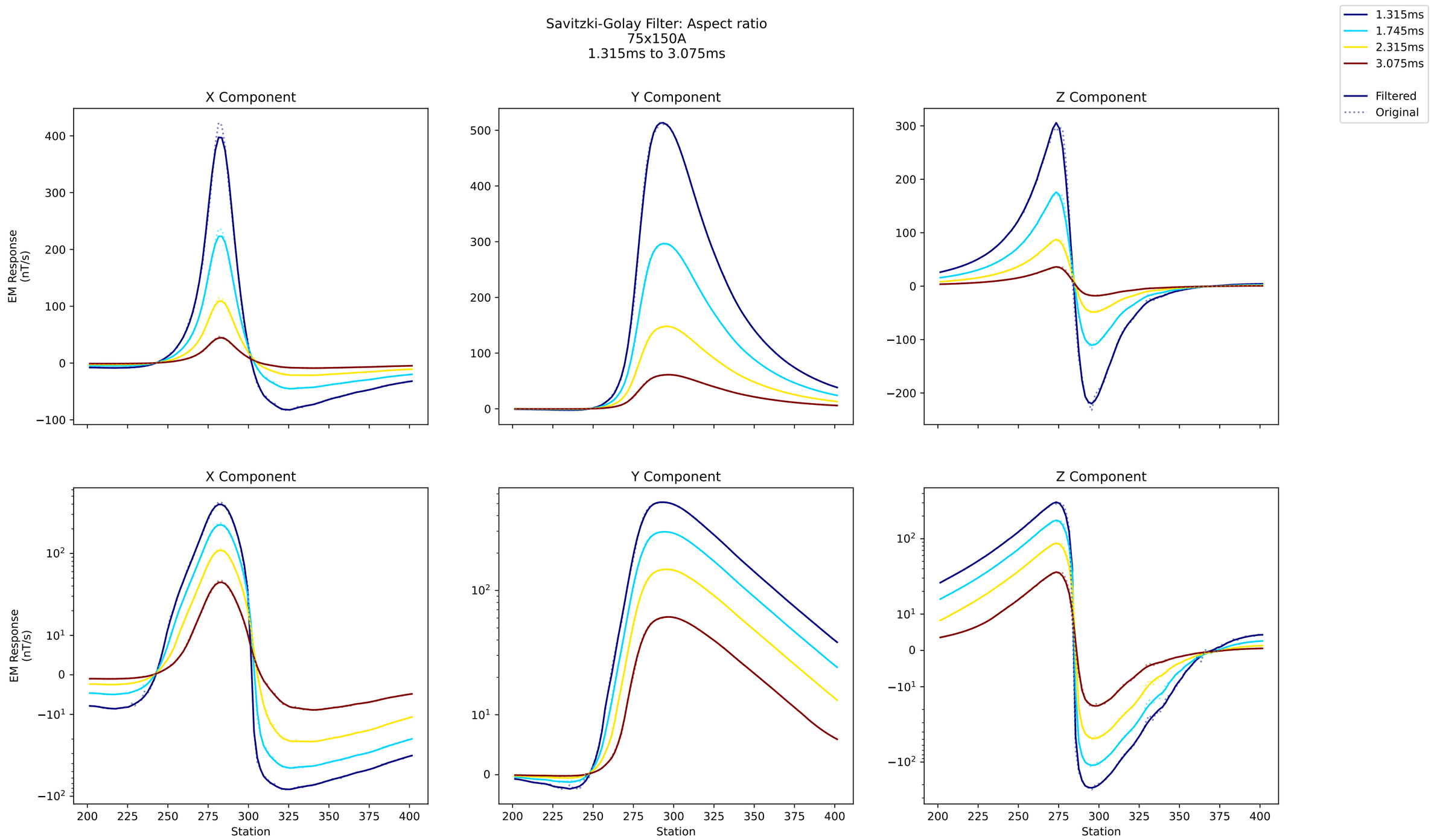

Savitzki-Golay Filter: Aspect ratio
60x600C
22.73ms to 48.115ms
22.730ms
39.395ms
48.115ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

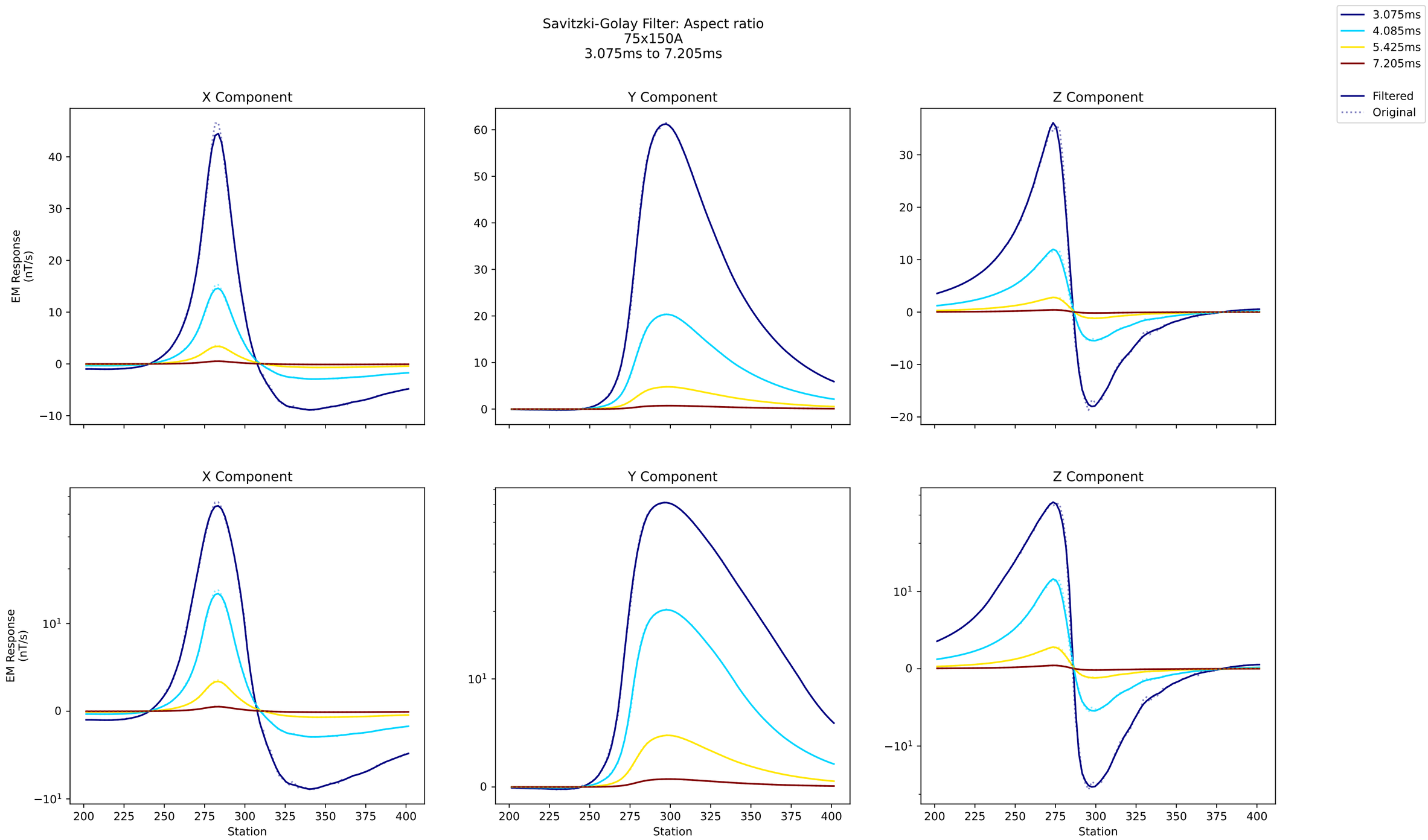

Savitzki-Golay Filter: Aspect ratio
75x150A
0.0255ms to 0.095ms
0.025ms
0.055ms
0.070ms
0.095ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

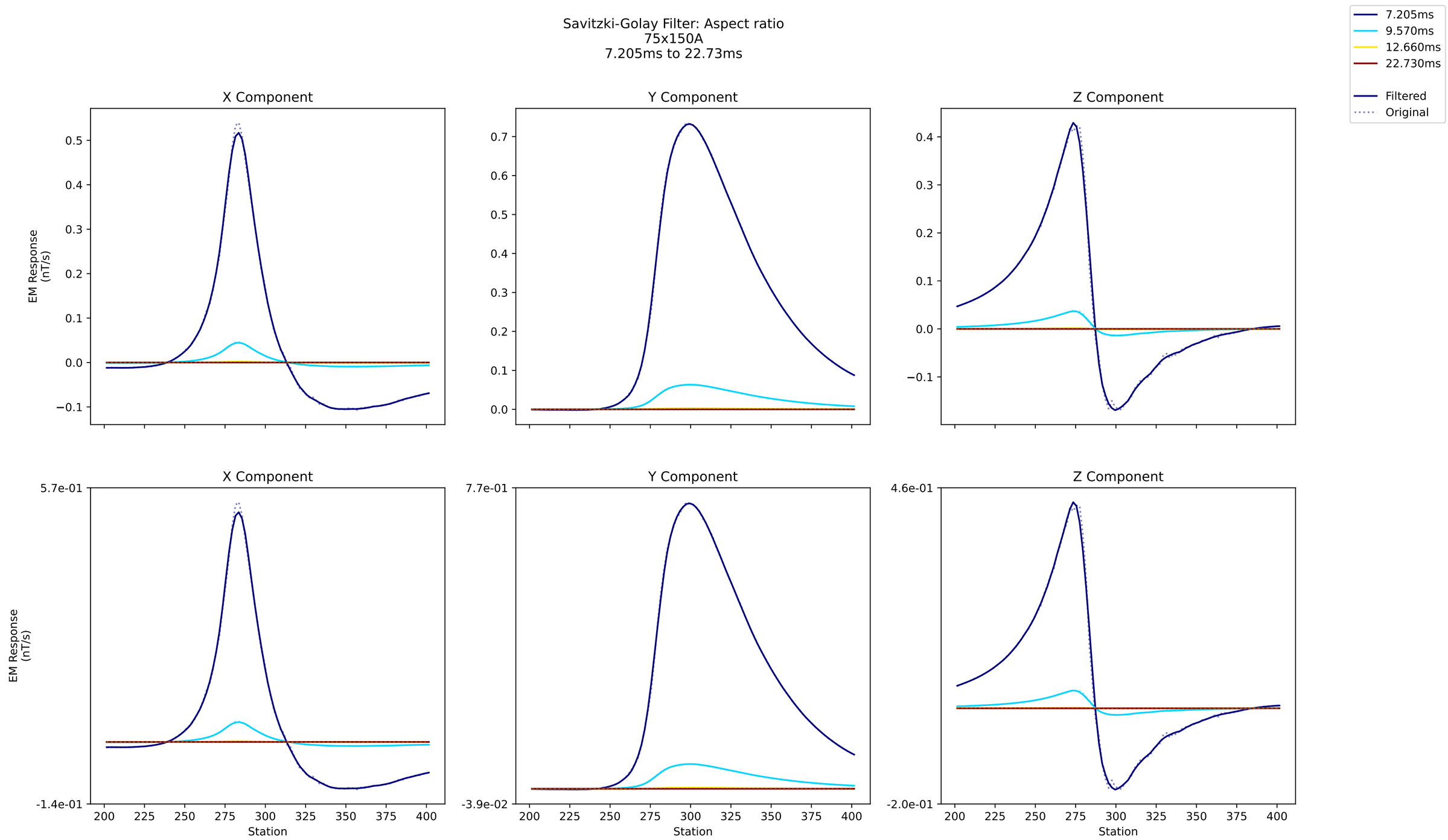

Savitzki-Golay Filter: Aspect ratio
75x150A
0.095ms to 0.235ms
0.095ms
0.130ms
0.175ms
0.235ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

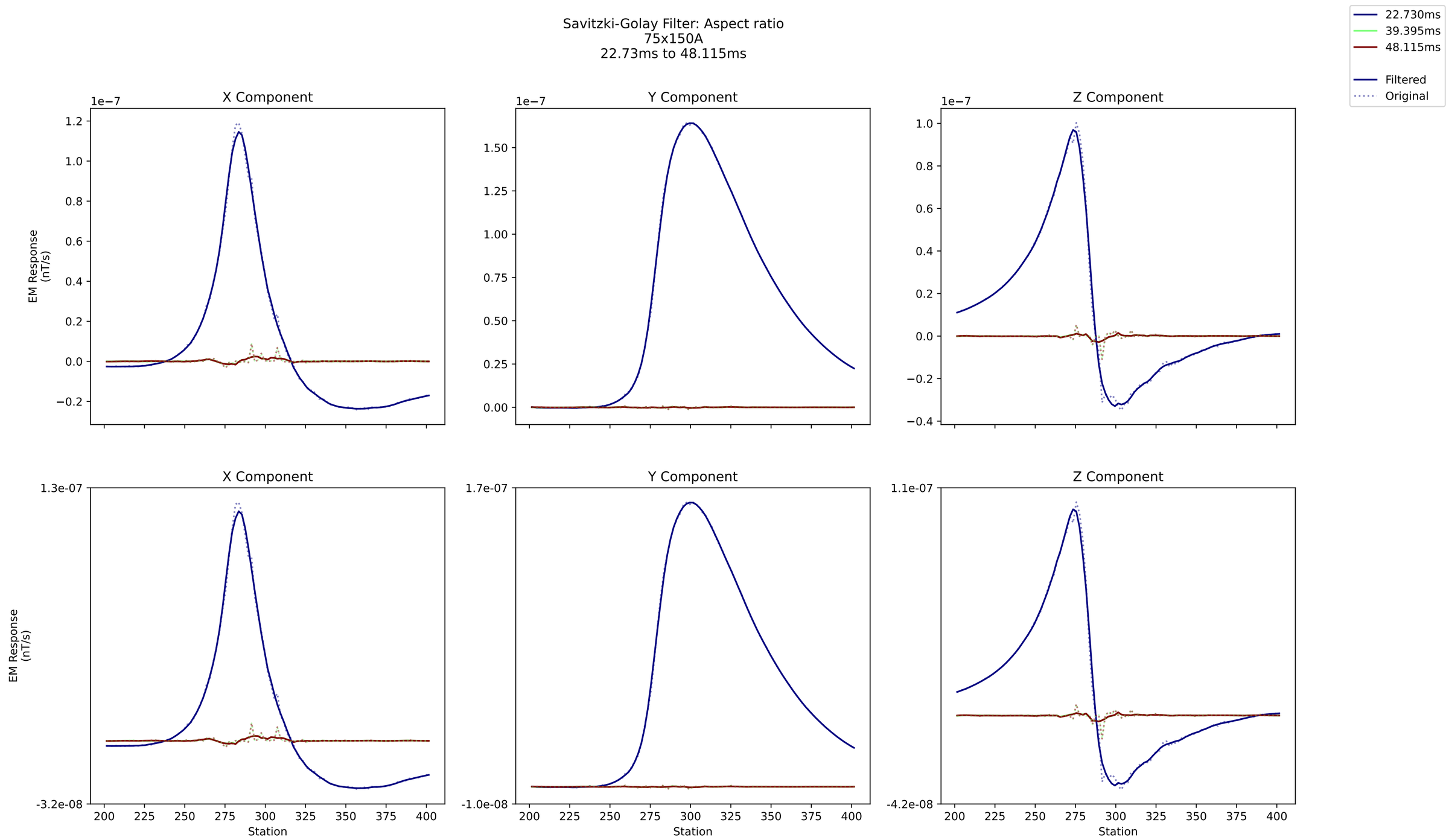

Savitzki-Golay Filter: Aspect ratio
75x150A
0.235ms to 0.56ms
0.235ms
0.315ms
0.420ms
0.560ms
Filtered
Original
X Component
Y Component
Z Component
EM Response (nT/s)
Station

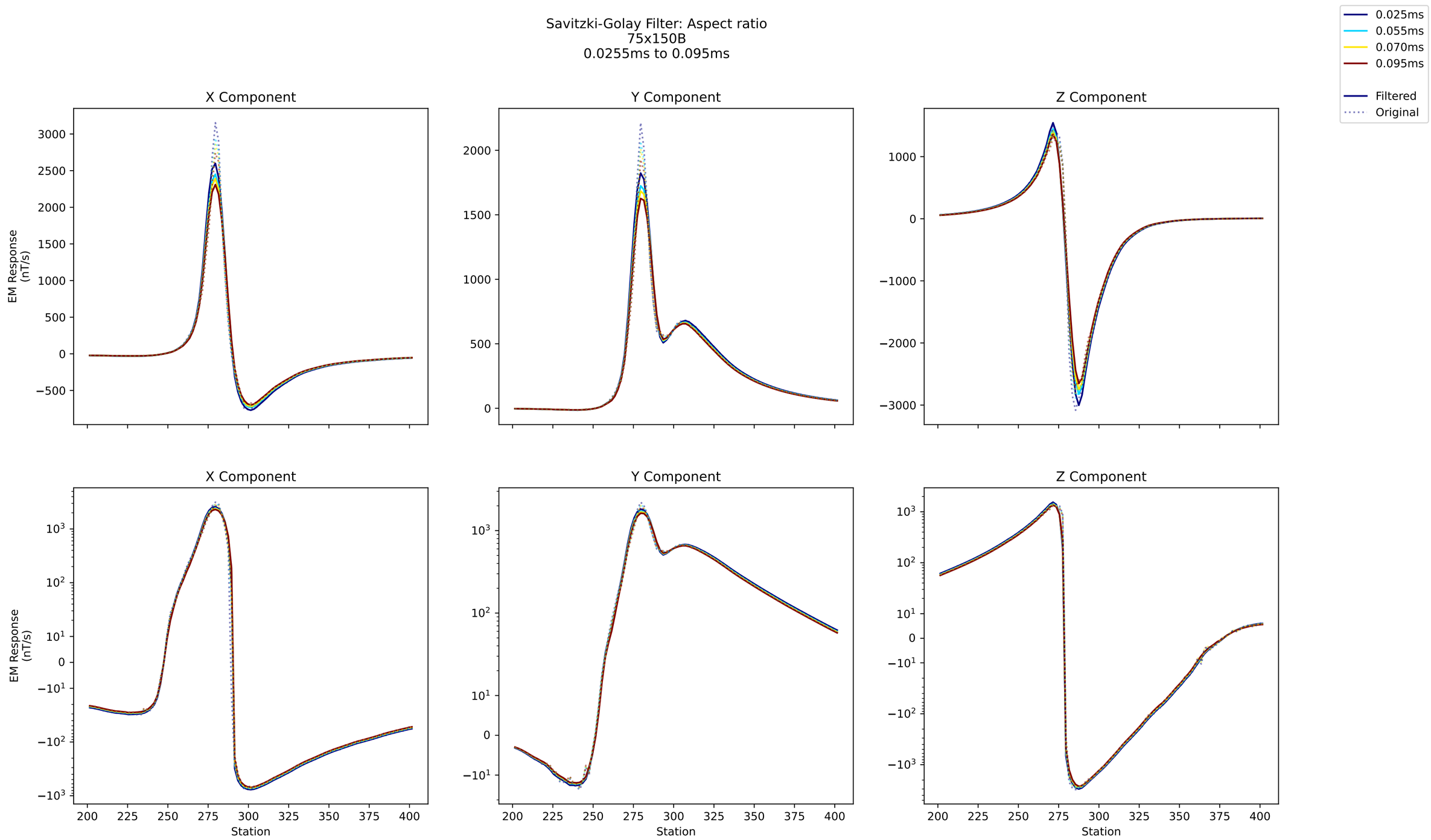

Savitzki-Golay Filter: Aspect ratio
75x150A
0.56ms to 1.315ms
0.560ms
0.745ms
0.990ms
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

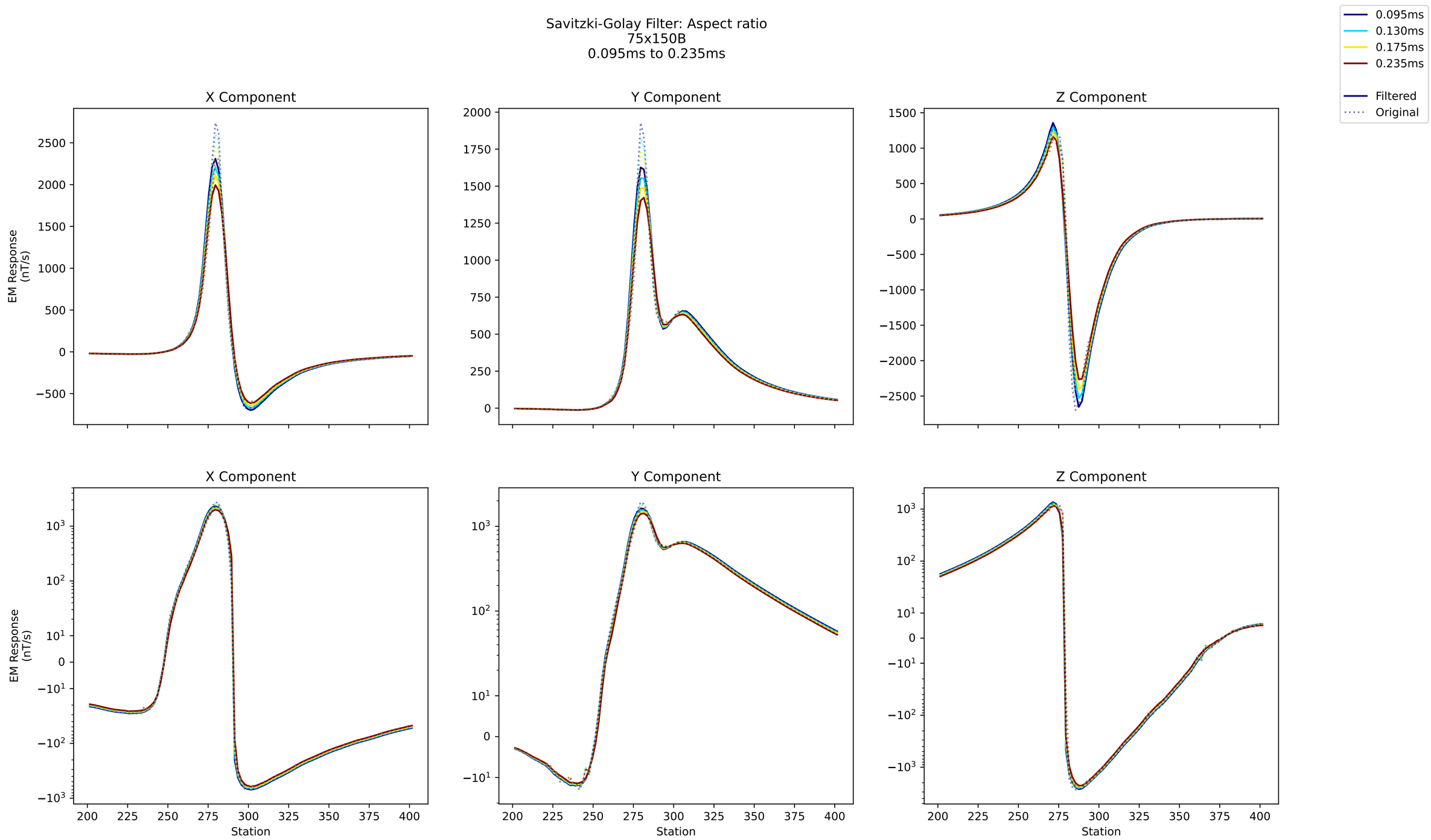

Savitzki-Golay Filter: Aspect ratio
75x150A
1.315ms to 3.075ms
1.315ms
1.745ms
2.315ms
3.075ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

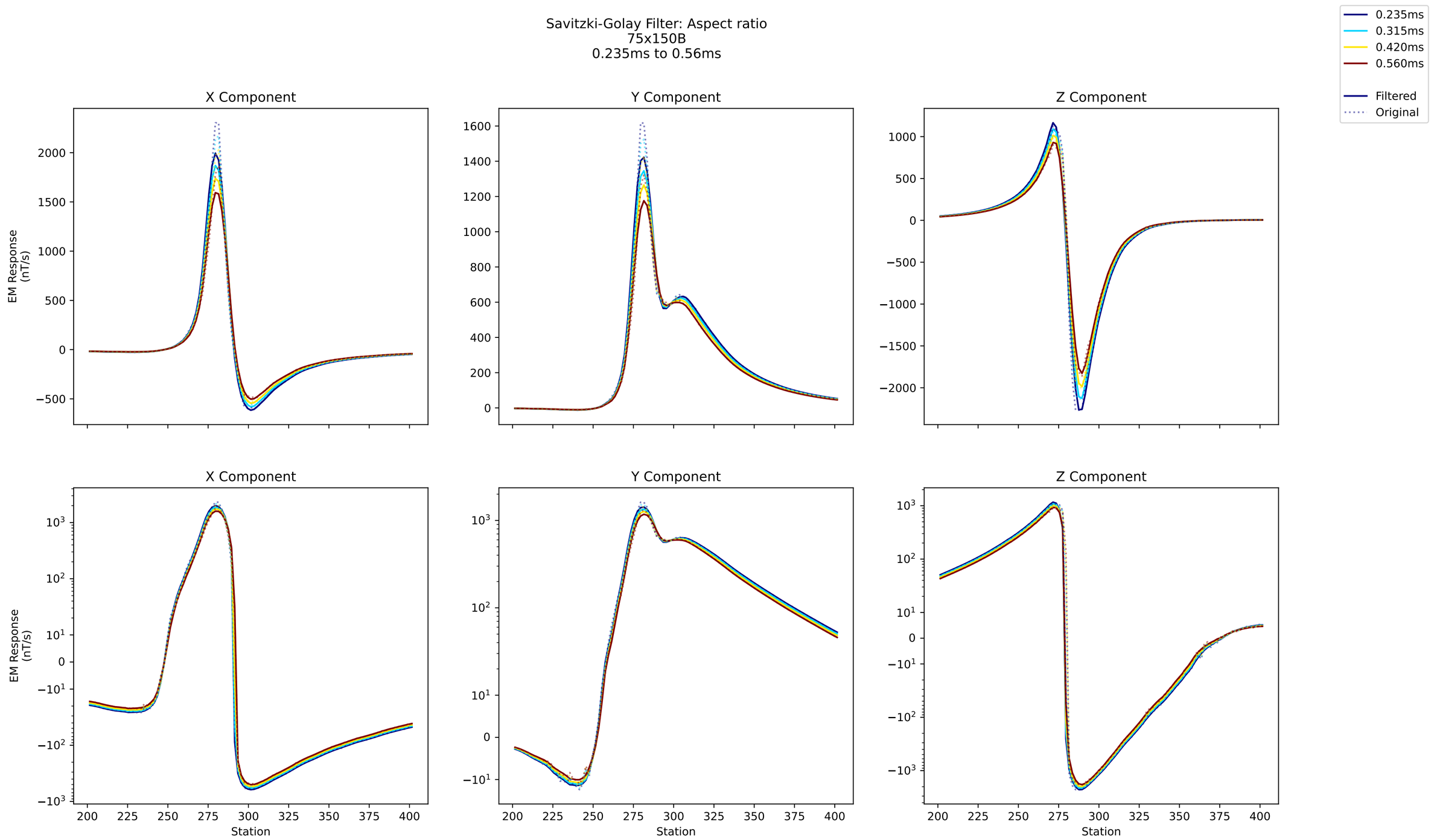

Savitzki-Golay Filter: Aspect ratio
75x150A
3.075ms to 7.205ms
3.075ms
4.085ms
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

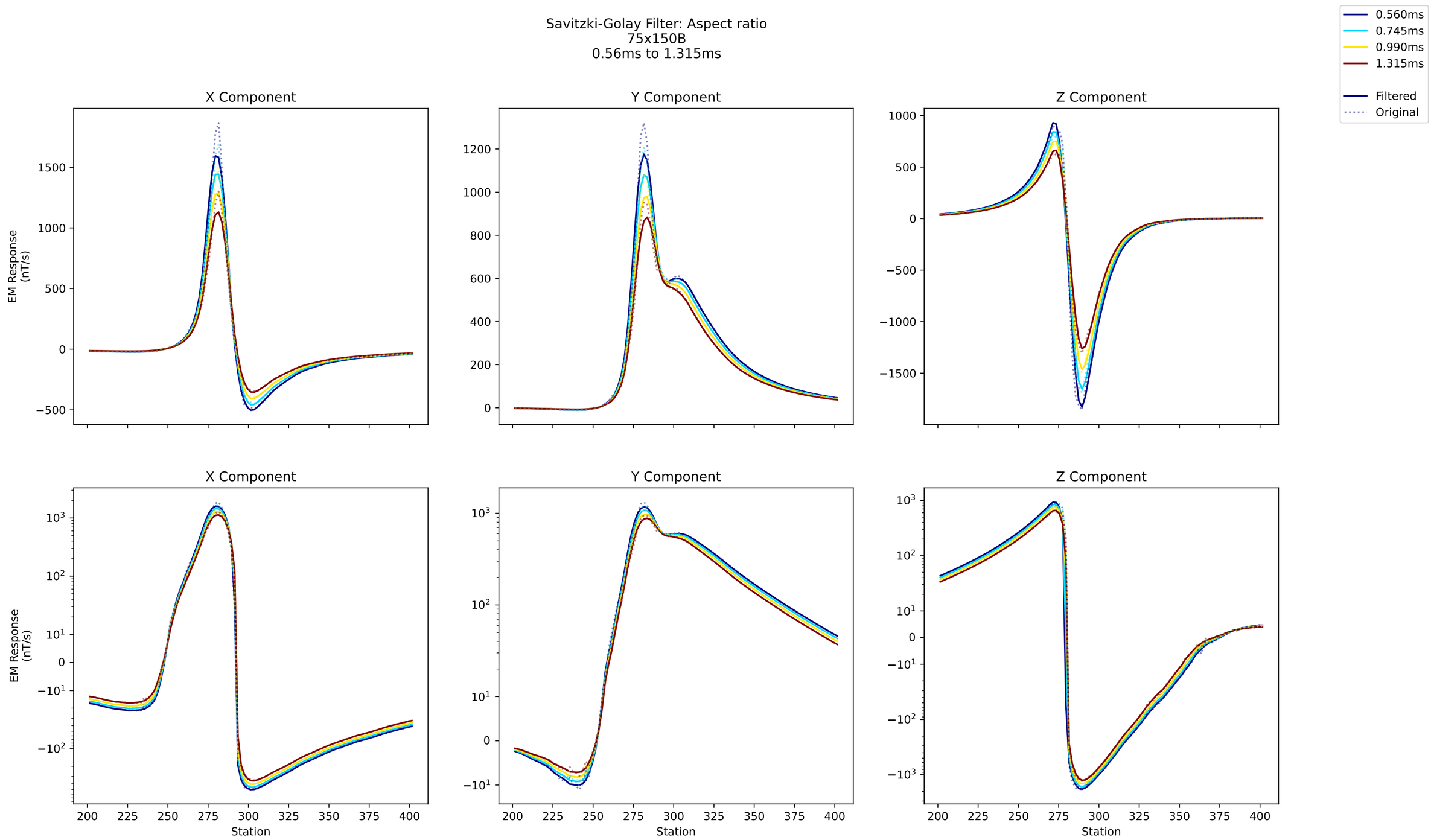

Savitzki-Golay Filter: Aspect ratio
75x150A
7.205ms to 22.73ms
7.205ms
9.570ms
12.660ms
22.730ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
5.7e-01
-1.4e-01
7.7e-01
-3.9e-02
4.6e-01
-2.0e-01
Station

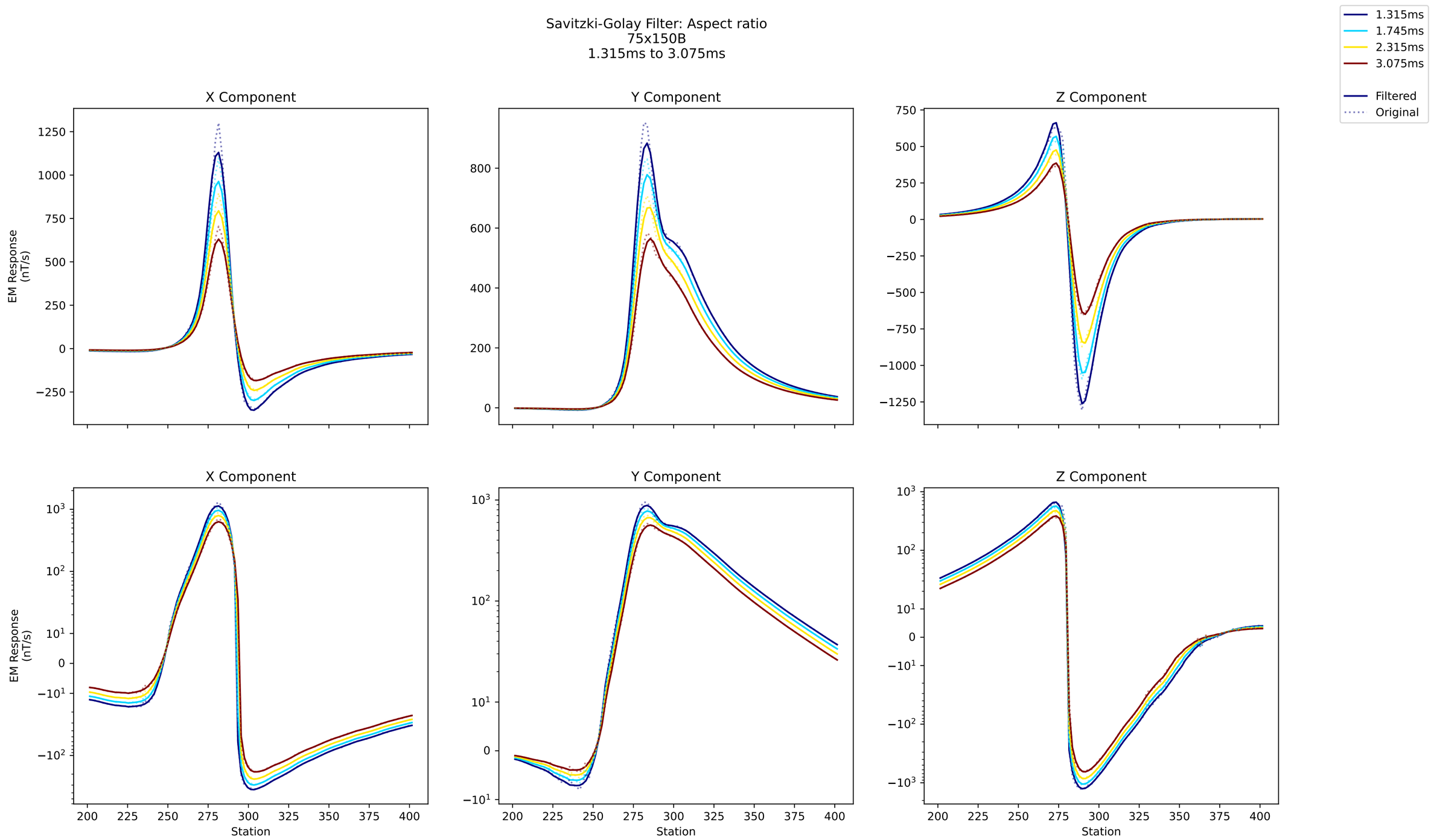

Savitzki-Golay Filter: Aspect ratio
75x150A
22.73ms to 48.115ms
22.730ms
39.395ms
48.115ms
Filtered
Original
X Component
Y Component
Z Component
1e−7
EM Response
(nT/s)
1.3e-07
-3.2e-08
1.7e-07
-1.0e-08
1.1e-07
-4.2e-08
Station

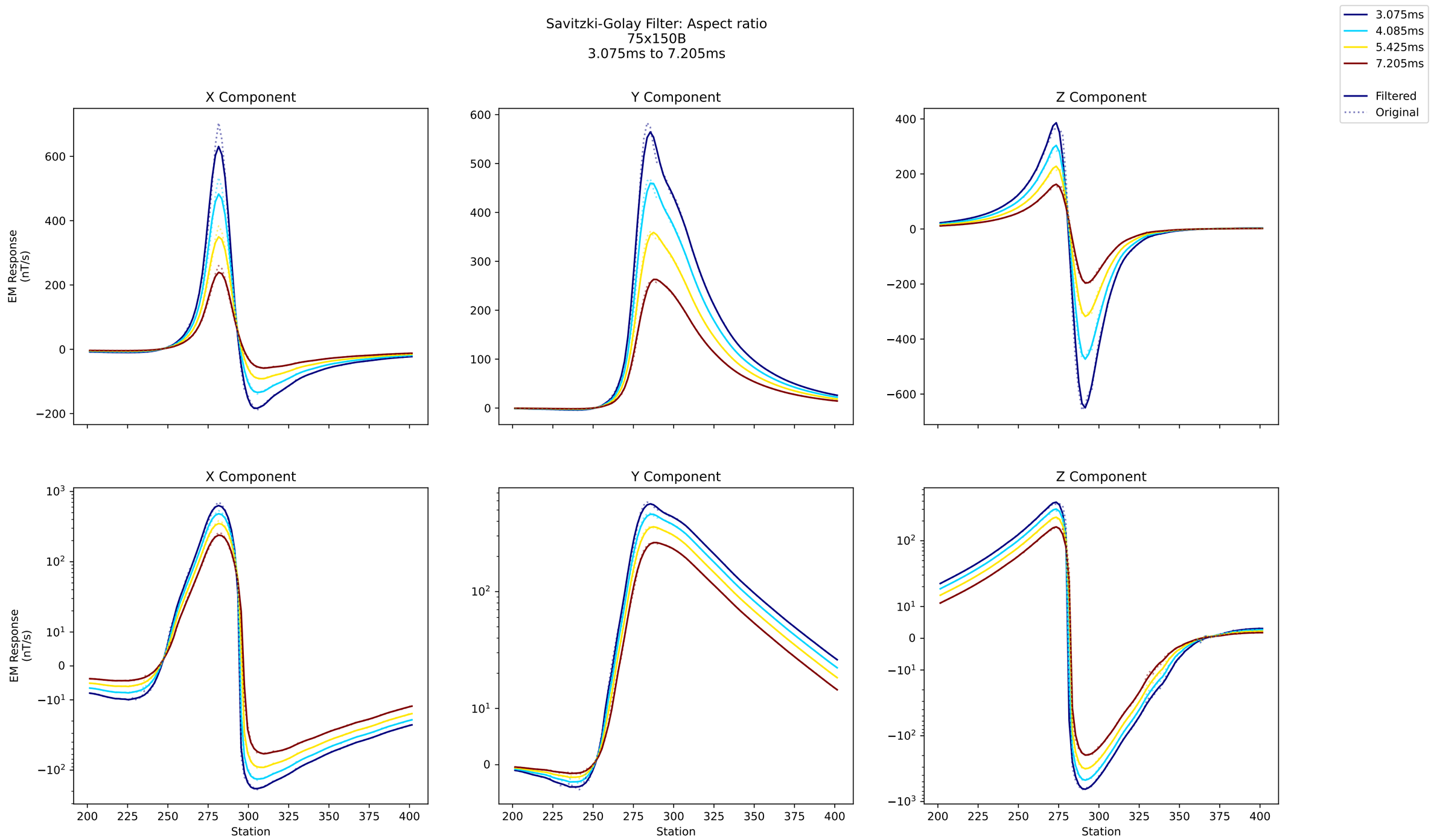

Savitzki-Golay Filter: Aspect ratio
75x150B
0.0255ms to 0.095ms
0.025ms
0.055ms
0.070ms
0.095ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

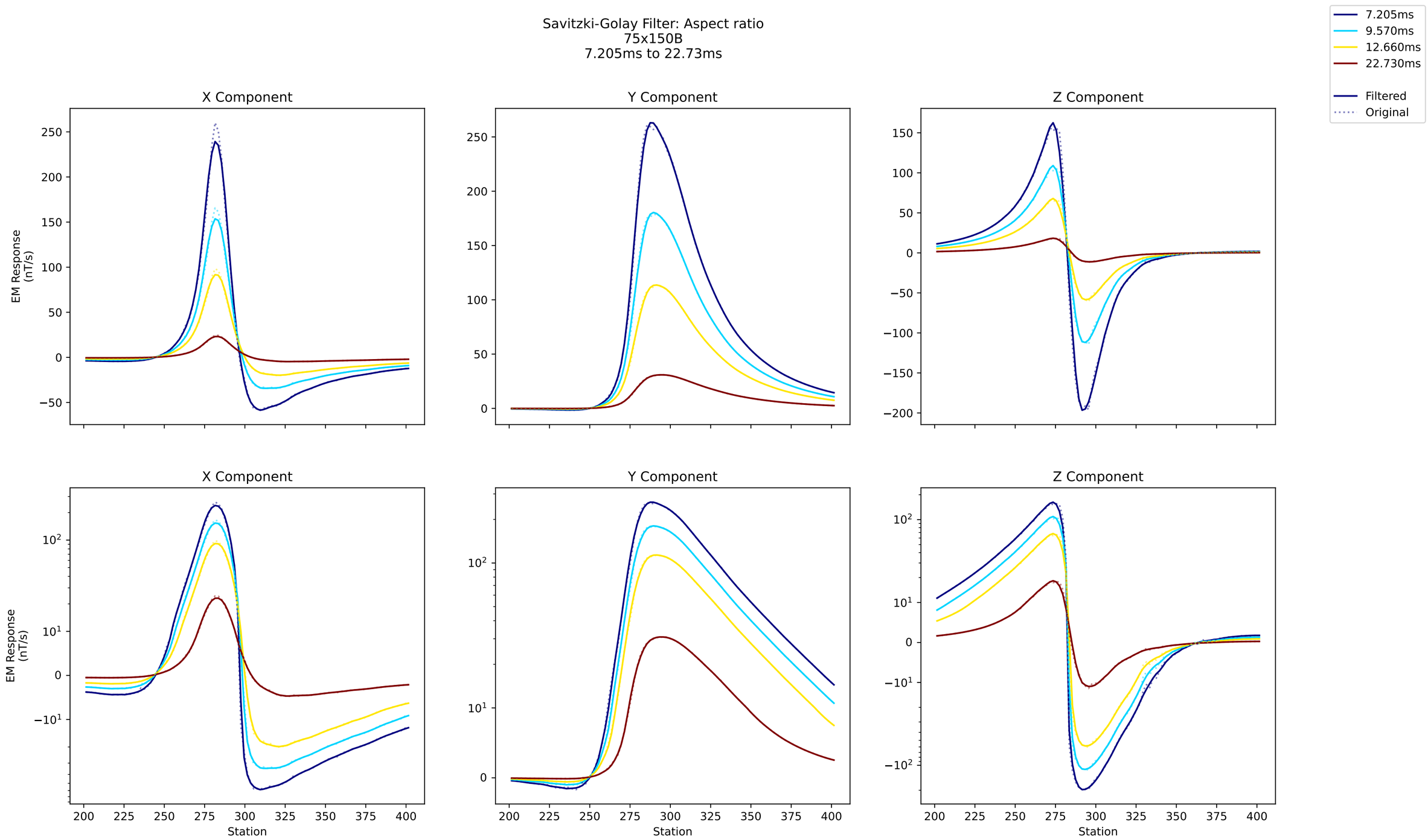

Savitzki-Golay Filter: Aspect ratio
75x150B
0.095ms to 0.235ms
0.095ms
0.130ms
0.175ms
0.235ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

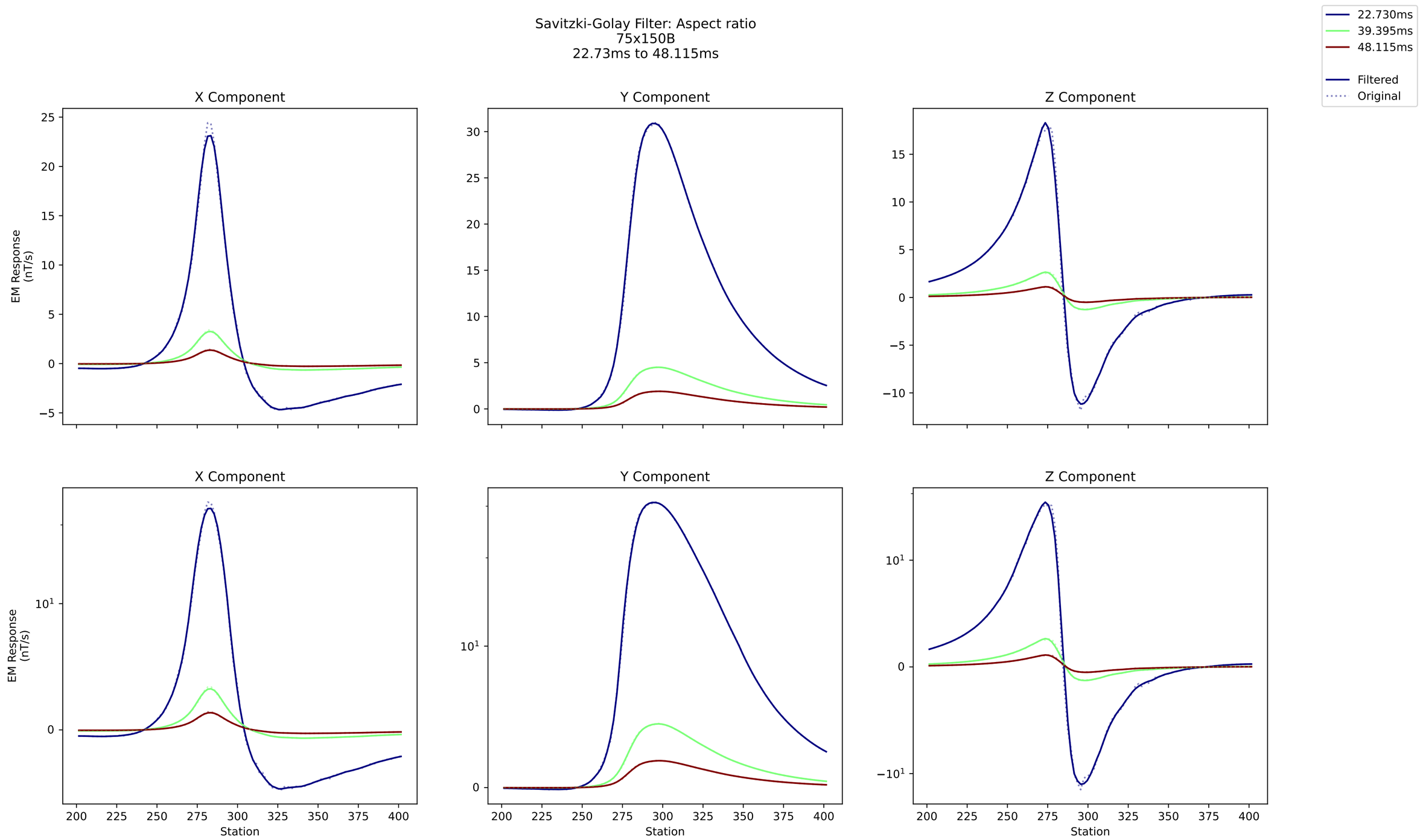

Savitzki-Golay Filter: Aspect ratio
75x150B
0.235ms to 0.56ms
0.235ms
0.315ms
0.420ms
0.560ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

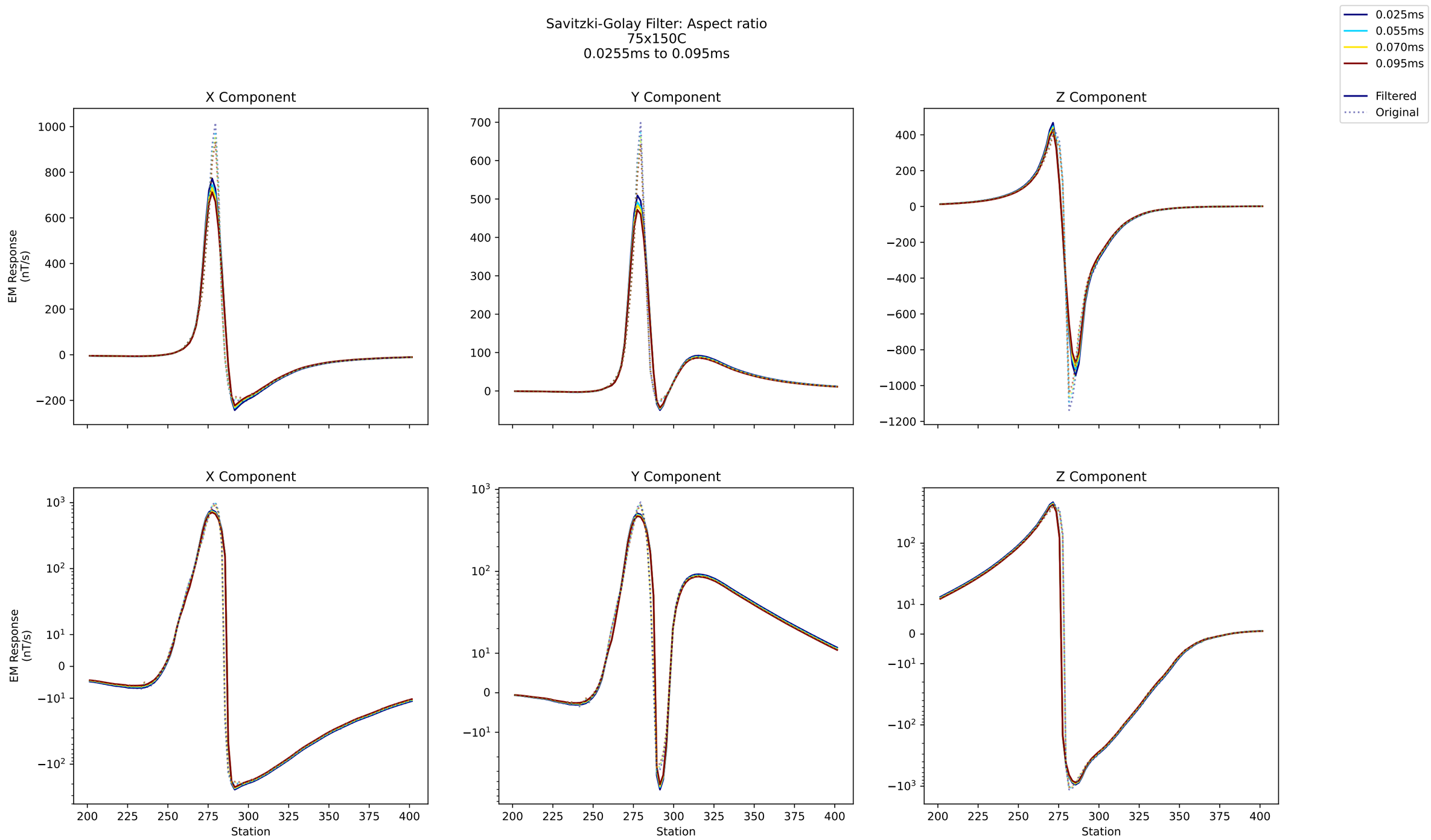

Savitzki-Golay Filter: Aspect ratio
75x150B
0.56ms to 1.315ms
0.560ms
0.745ms
0.990ms
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

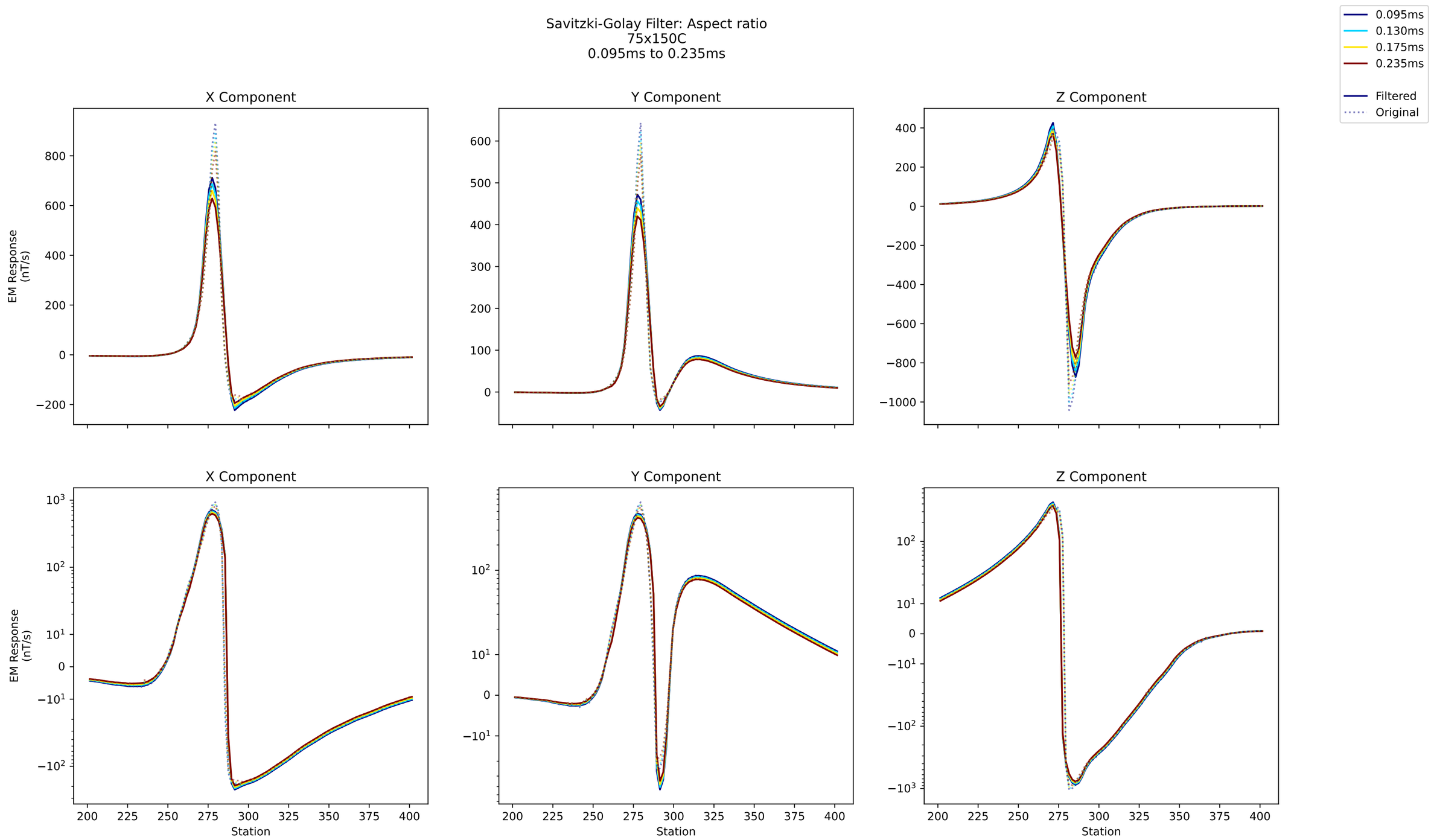

Savitzki-Golay Filter: Aspect ratio
75x150B
1.315ms to 3.075ms
1.315ms
1.745ms
2.315ms
3.075ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

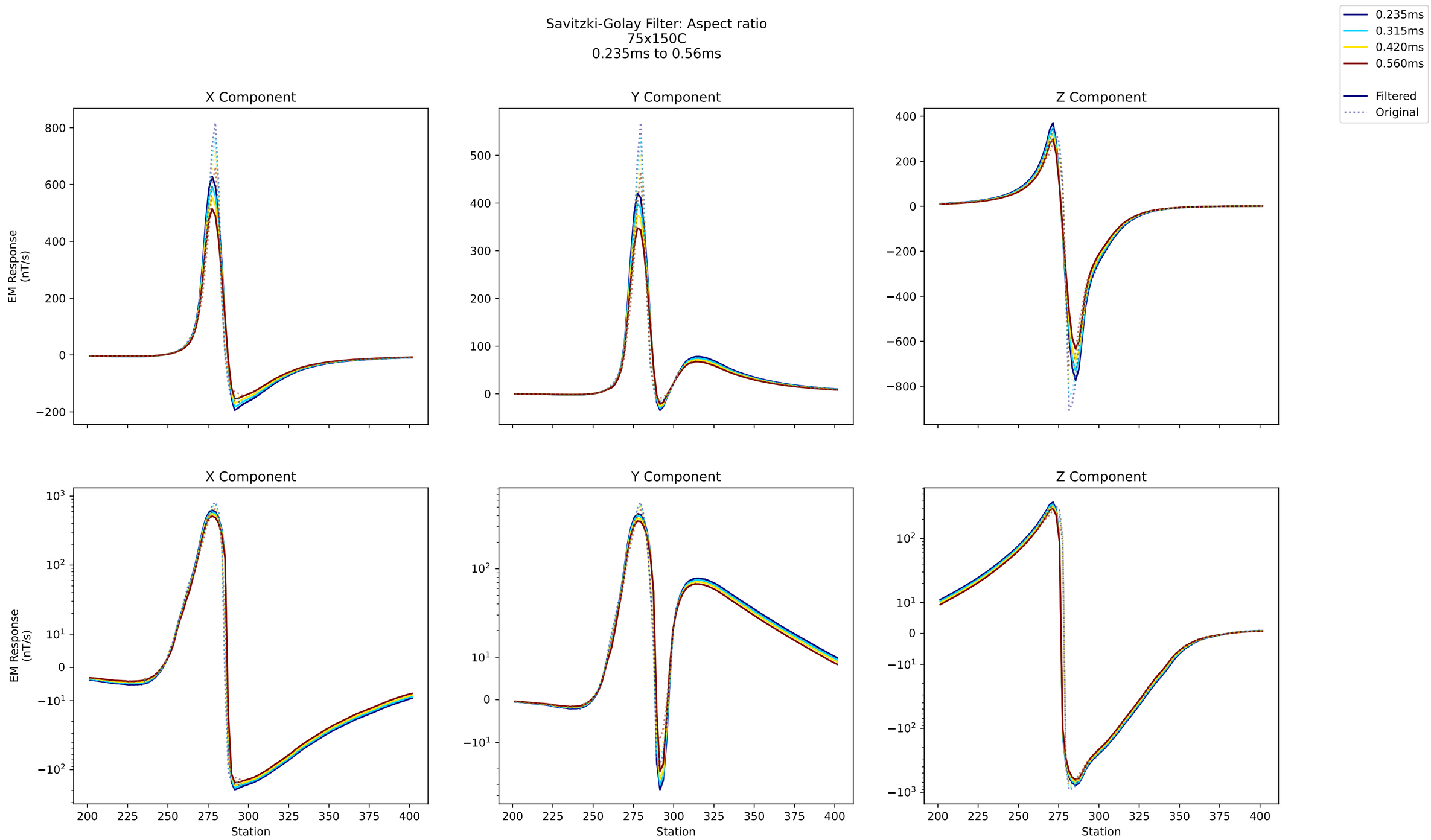

Savitzki-Golay Filter: Aspect ratio
75x150B
3.075ms to 7.205ms
3.075ms
4.085ms
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

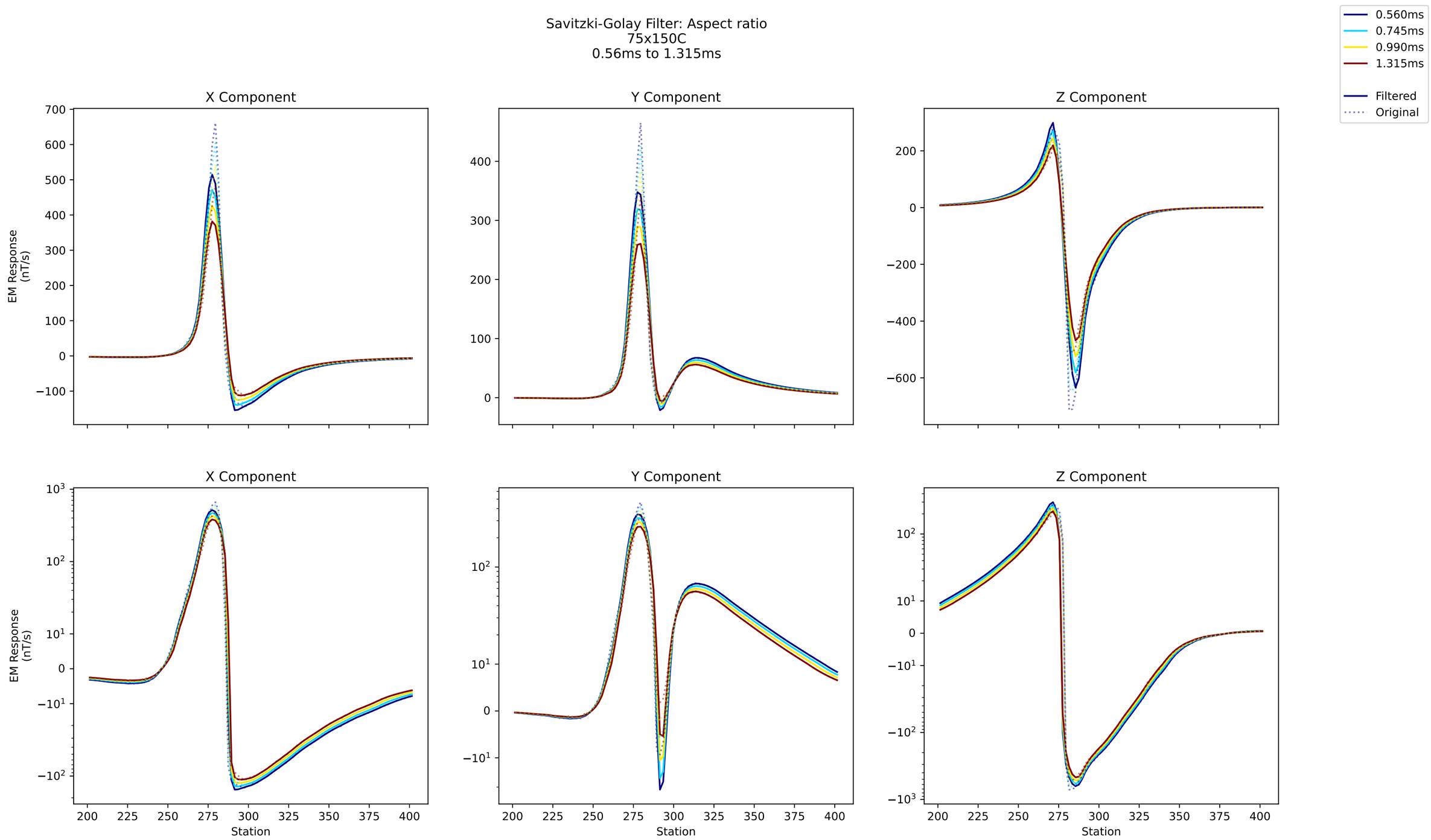

Savitzki-Golay Filter: Aspect ratio
75x150B
7.205ms to 22.73ms
7.205ms
9.570ms
12.660ms
22.730ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

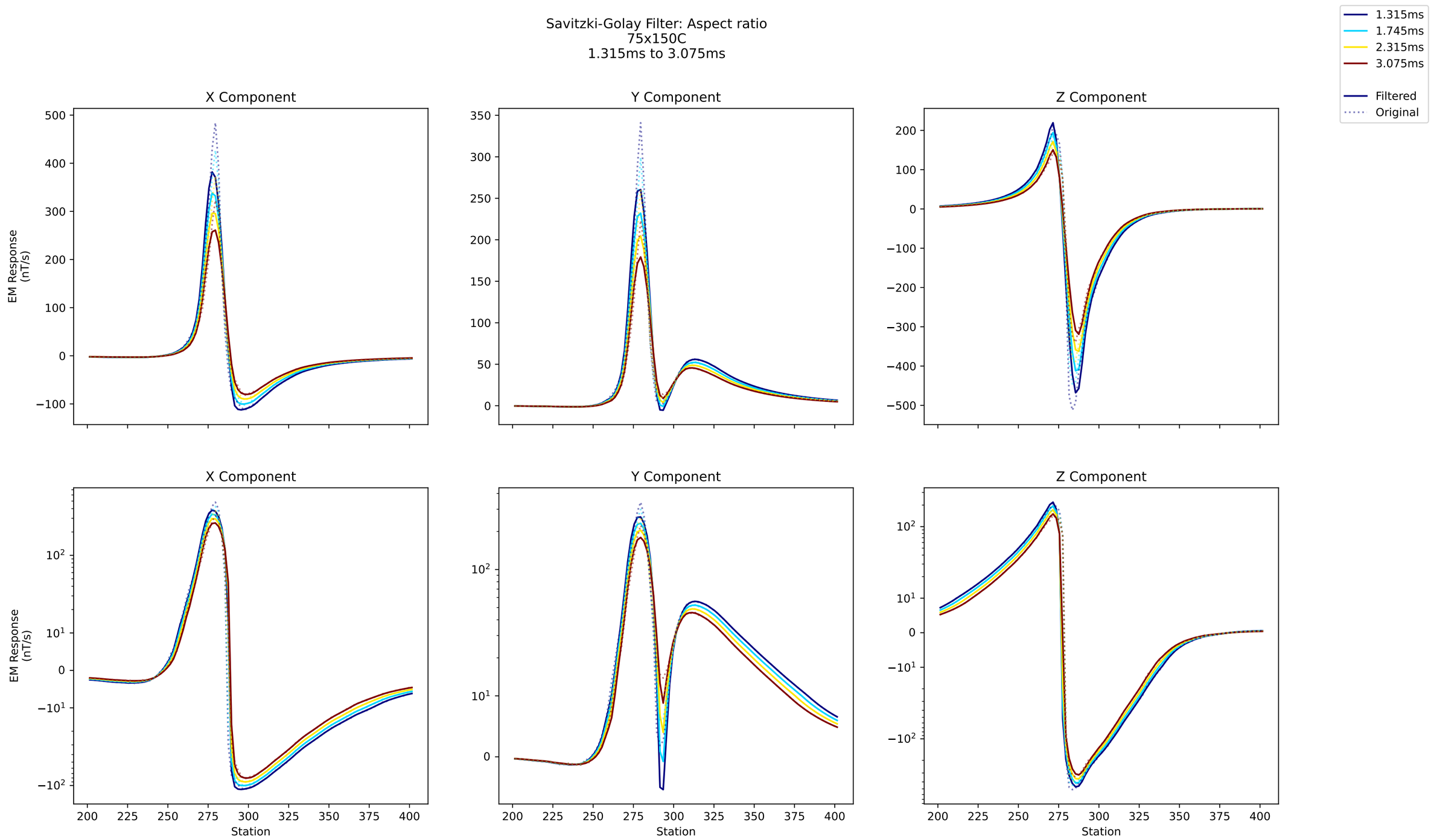

Savitzki-Golay Filter: Aspect ratio
75x150B
22.73ms to 48.115ms
22.730ms
39.395ms
48.115ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

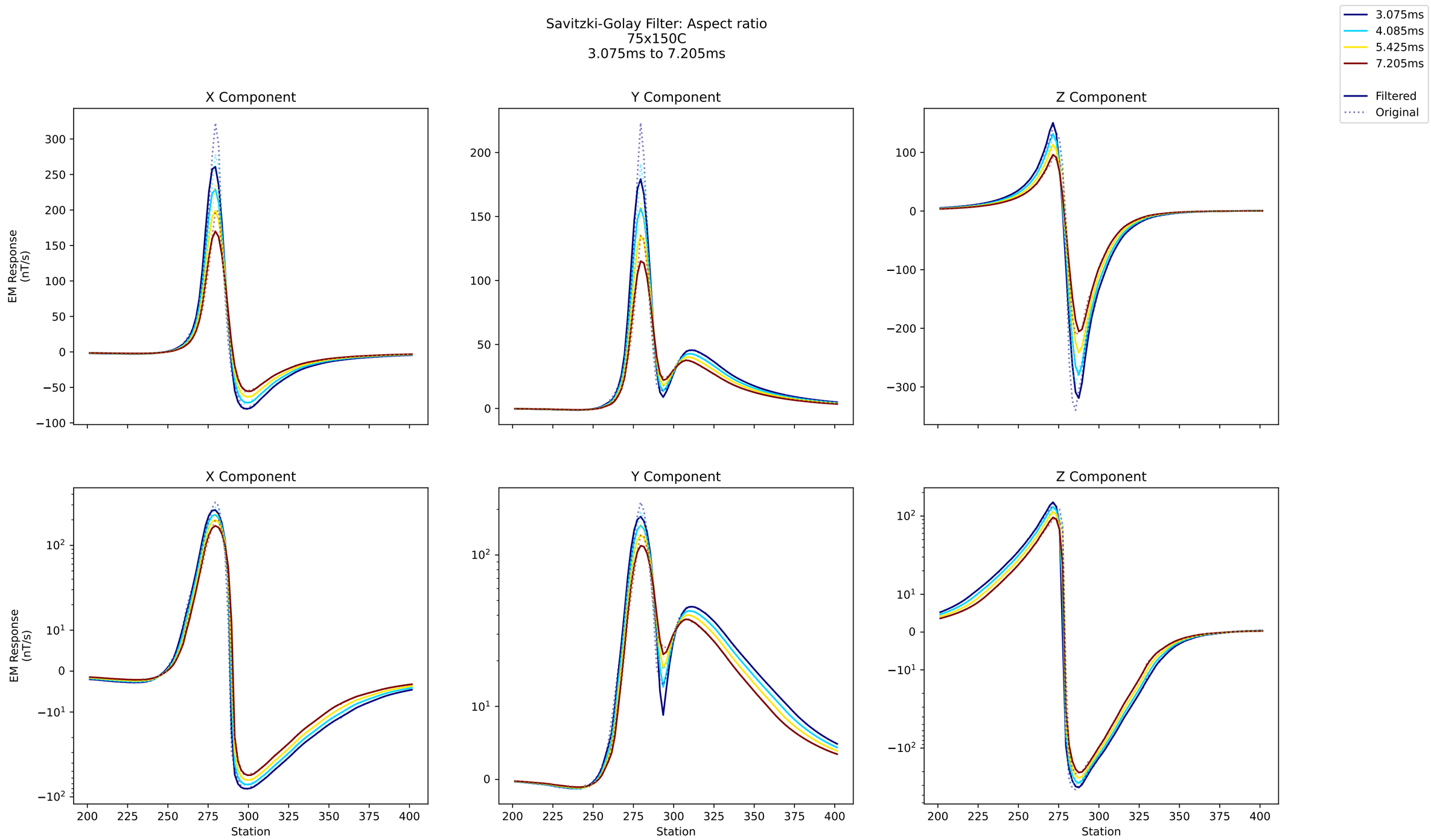

Savitzki-Golay Filter: Aspect ratio
75x150C
0.0255ms to 0.095ms
0.025ms
0.055ms
0.070ms
0.095ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

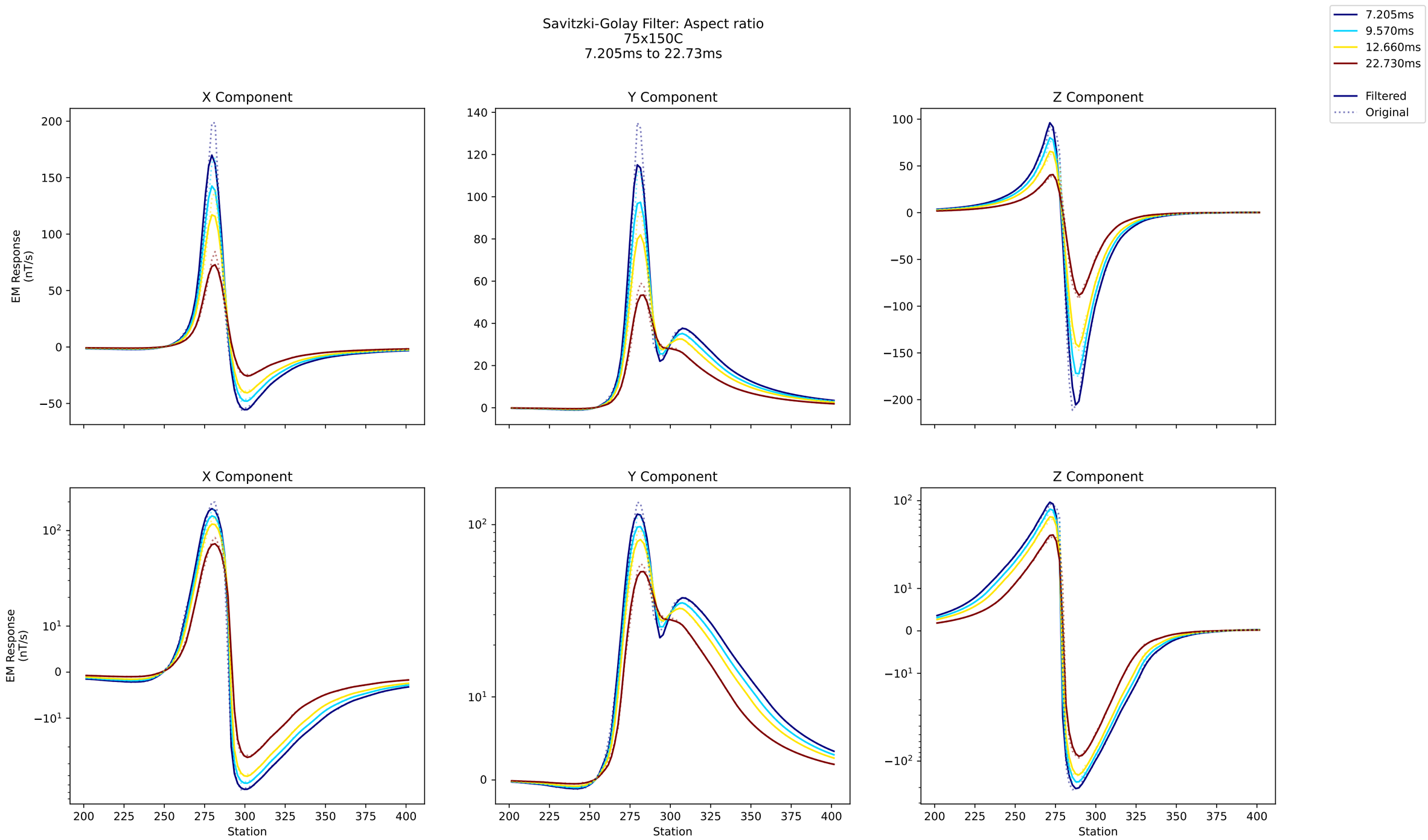

Savitzki-Golay Filter: Aspect ratio
75x150C
0.095ms to 0.235ms
0.095ms
0.130ms
0.175ms
0.235ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station

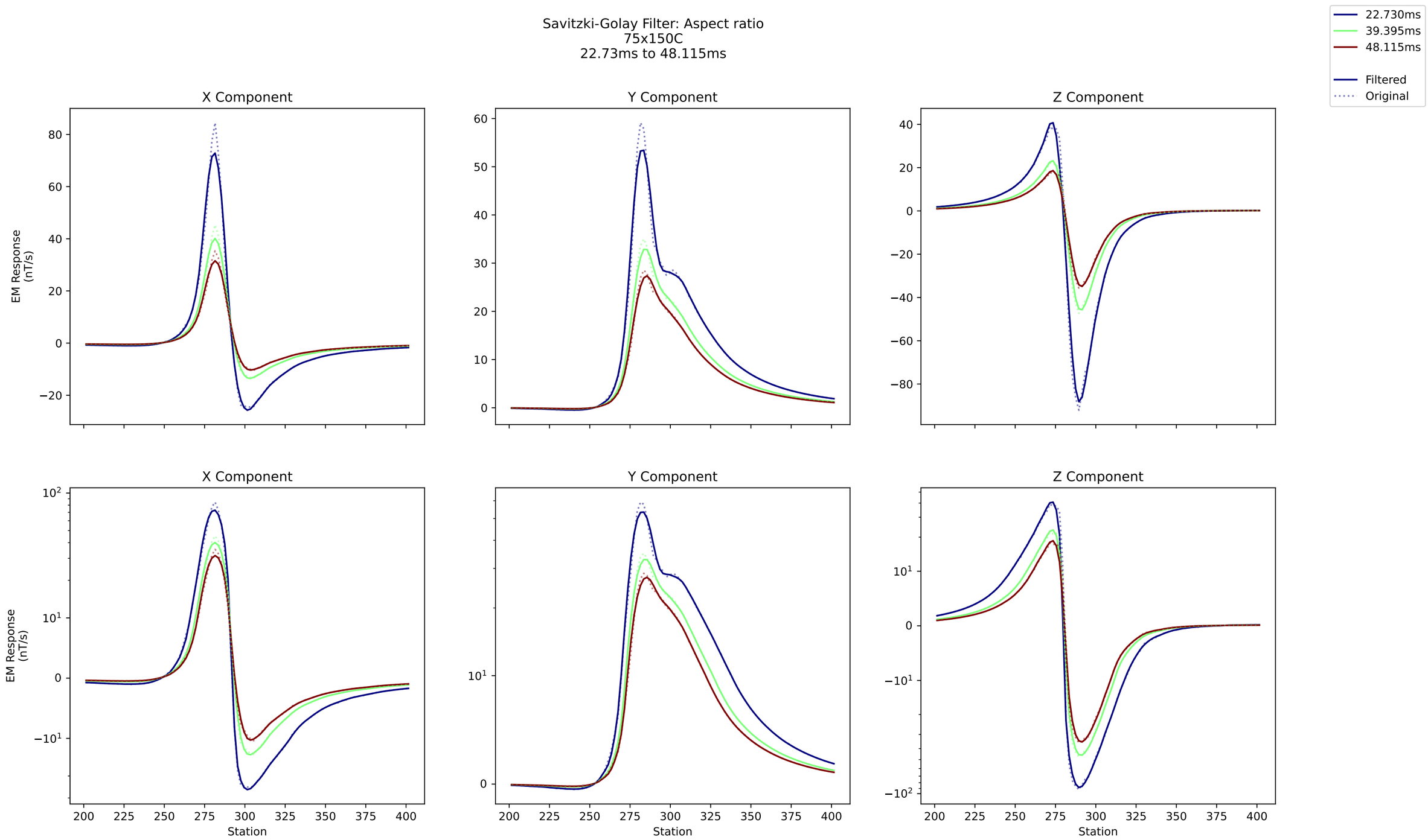

Savitzki-Golay Filter: Aspect ratio
75x150C
0.235ms to 0.56ms
0.235ms
0.315ms
0.420ms
0.560ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
75x150C
0.56ms to 1.315ms
0.560ms
0.745ms
0.990ms
1.315ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
75x150C
1.315ms to 3.075ms
1.315ms
1.745ms
2.315ms
3.075ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
75x150C
3.075ms to 7.205ms
3.075ms
4.085ms
5.425ms
7.205ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
75x150C
7.205ms to 22.73ms
7.205ms
9.570ms
12.660ms
22.730ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
Station


Savitzki-Golay Filter: Aspect ratio
75x150C
22.73ms to 48.115ms
22.730ms
39.395ms
48.115ms
Filtered
Original
X Component
Y Component
Z Component
EM Response
(nT/s)
EM Response
(nT/s)
Station
Station
Station