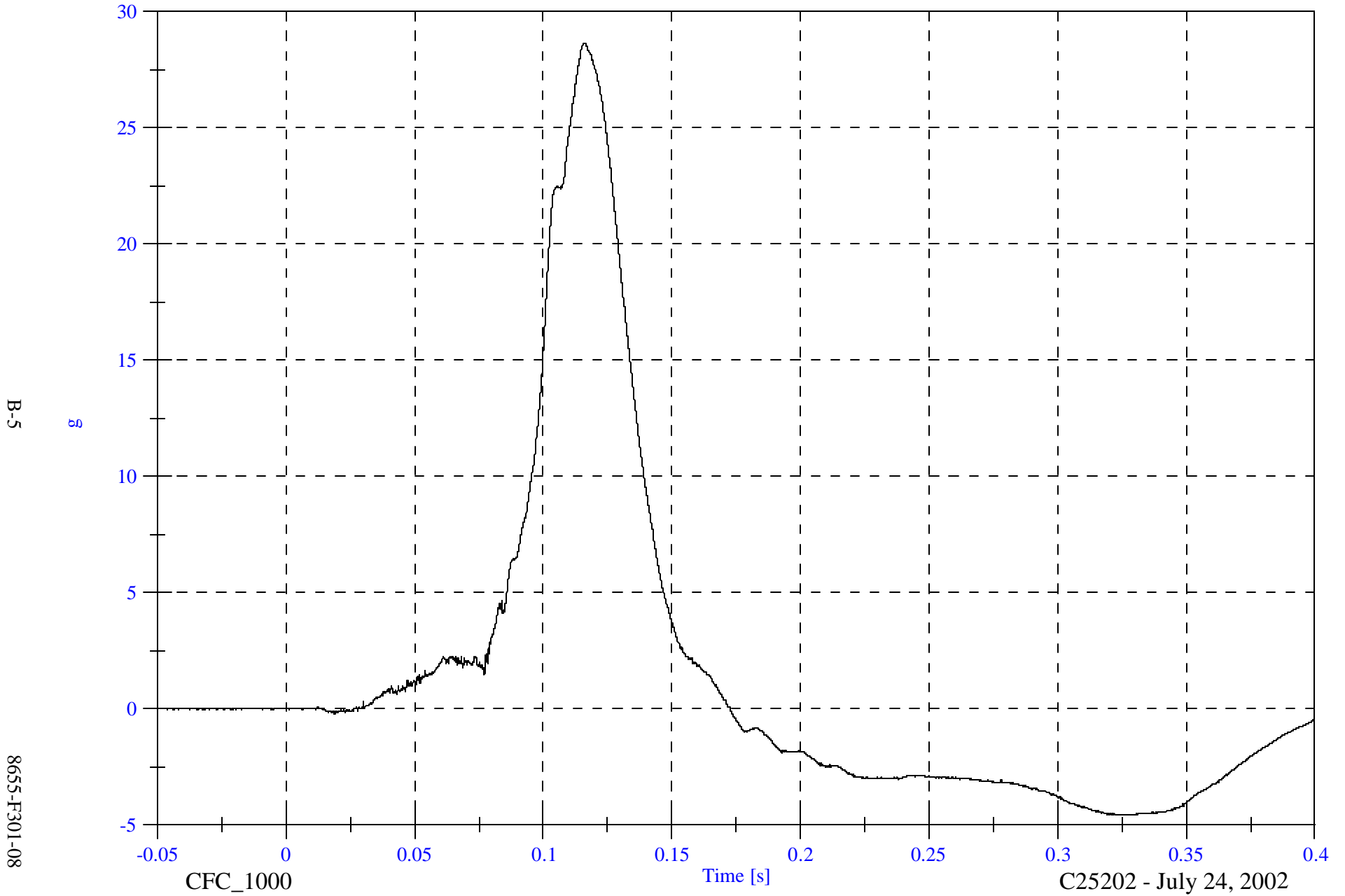


2002 301 Test 8 2002 Nissan Altima

Max: 28.7 [g] at 0.116 [s]

Min: -4.6 [g] at 0.327 [s]

P1 Head x



B-5

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CFC_1000

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Max: 4.2 [g] at 0.127 [s]

Min: -1.5 [g] at 0.310 [s]

P1 Head y



2002 301 Test 8 2002 Nissan Altima

Max: 12.7 [g] at 0.085 [s]

Min: -0.2 [g] at 0.040 [s]

P1 Head z

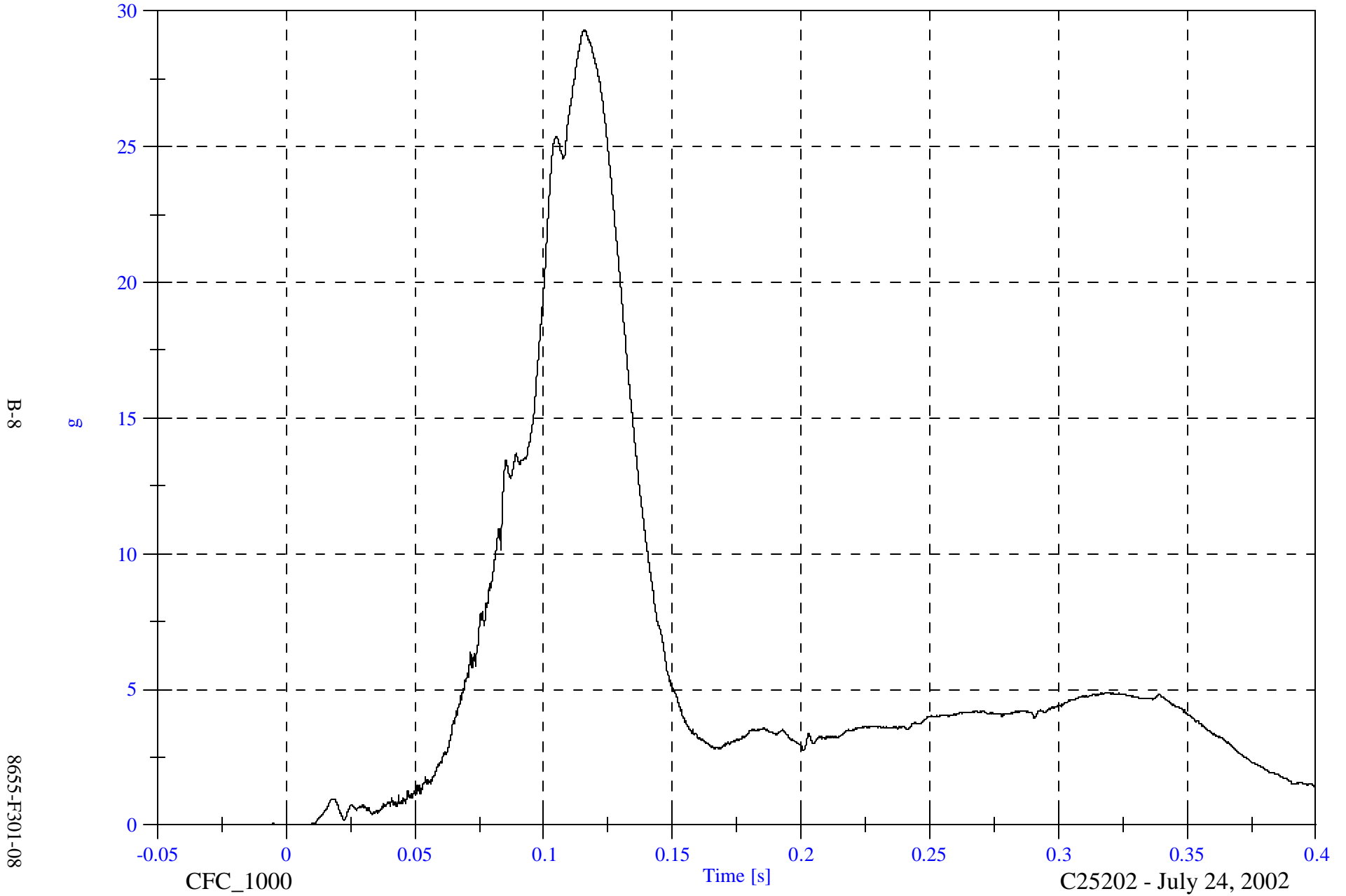


2002 301 Test 8 2002 Nissan Altima

Max: 29.3 [g] at 0.116 [s]

Min: 0.0 [g] at -0.024 [s]

P1 Head Resultant



2002 301 Test 8 2002 Nissan Altima

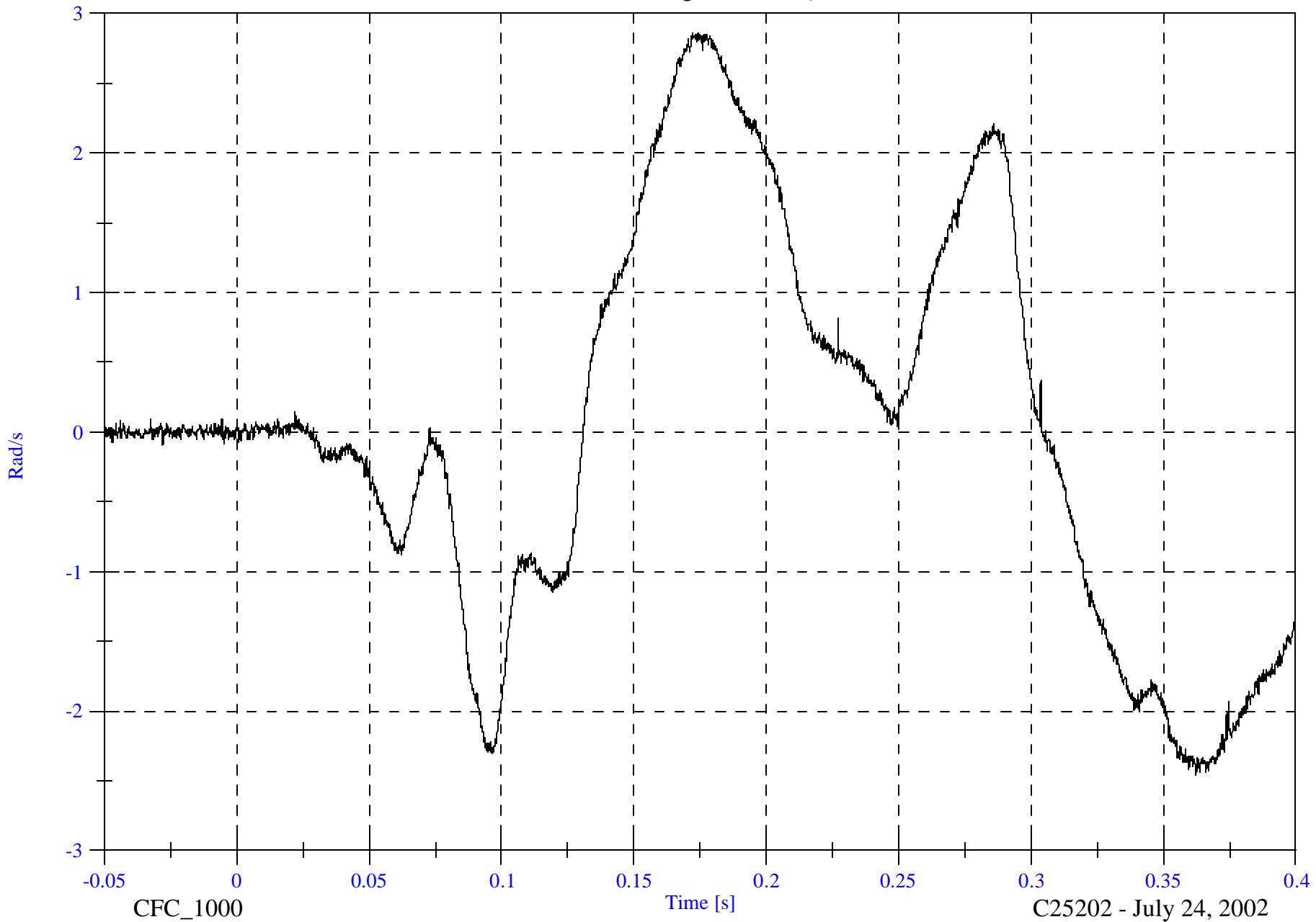
Max: 2.9 [Rad/s] at 0.172 [s]

P1 Head Angular Velocity x

Min: -2.5 [Rad/s] at 0.362 [s]

B-9

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2002 301 Test 8 2002 Nissan Altima

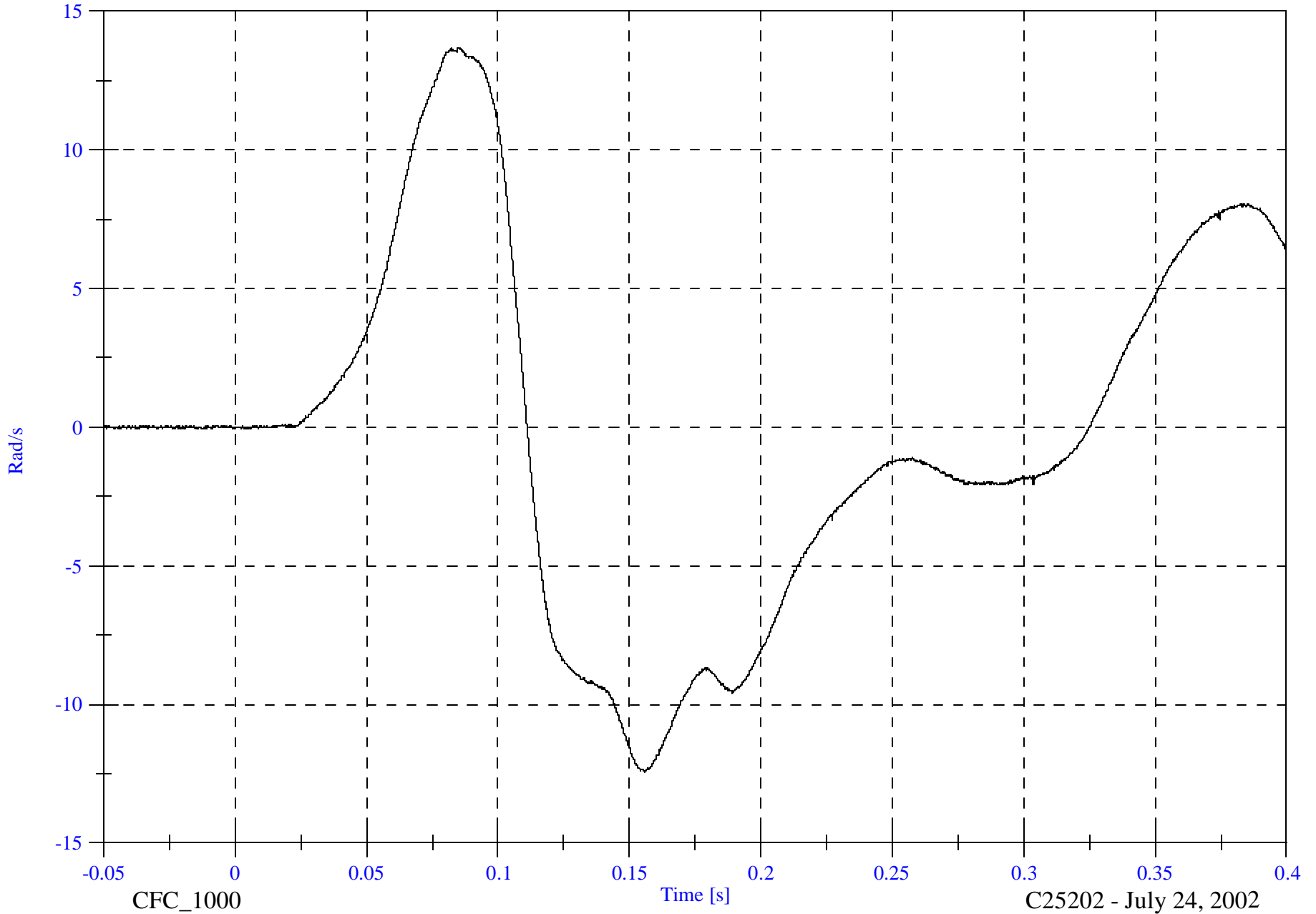
Max: 13.7 [Rad/s] at 0.085 [s]

P1 Head Angular Velocity y

Min: -12.4 [Rad/s] at 0.156 [s]

B-10

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2002 301 Test 8 2002 Nissan Altima

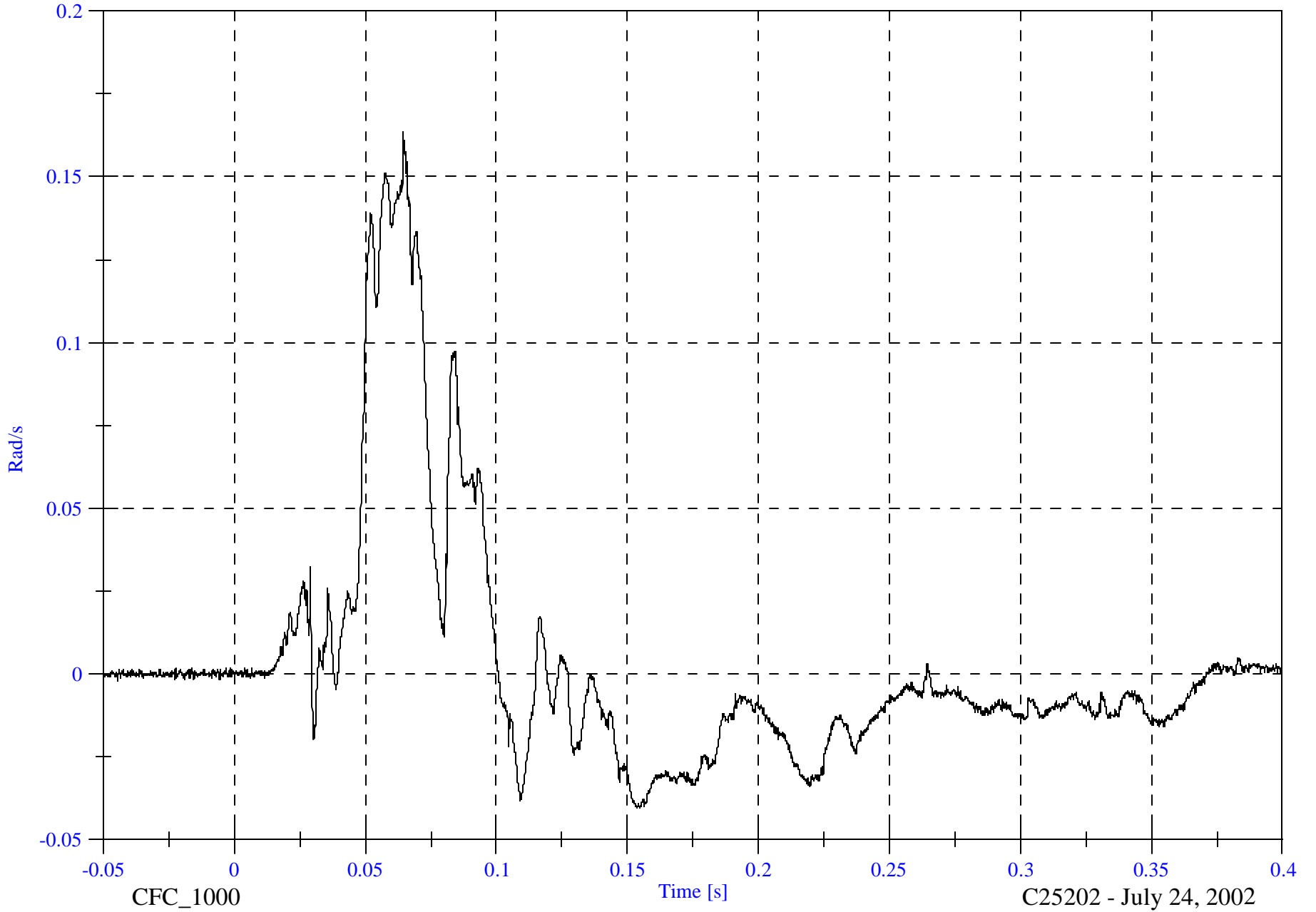
Max: 0.2 [Rad/s] at 0.064 [s]

P1 Head Angular Velocity z

Min: -0.0 [Rad/s] at 0.154 [s]

B-11

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P1 Upper Neck Fx

Max: 89.6 [lbf] at 0.120 [s]

Min: -35.8 [lbf] at 0.320 [s]



B-12

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CFC_1000

Time [s]

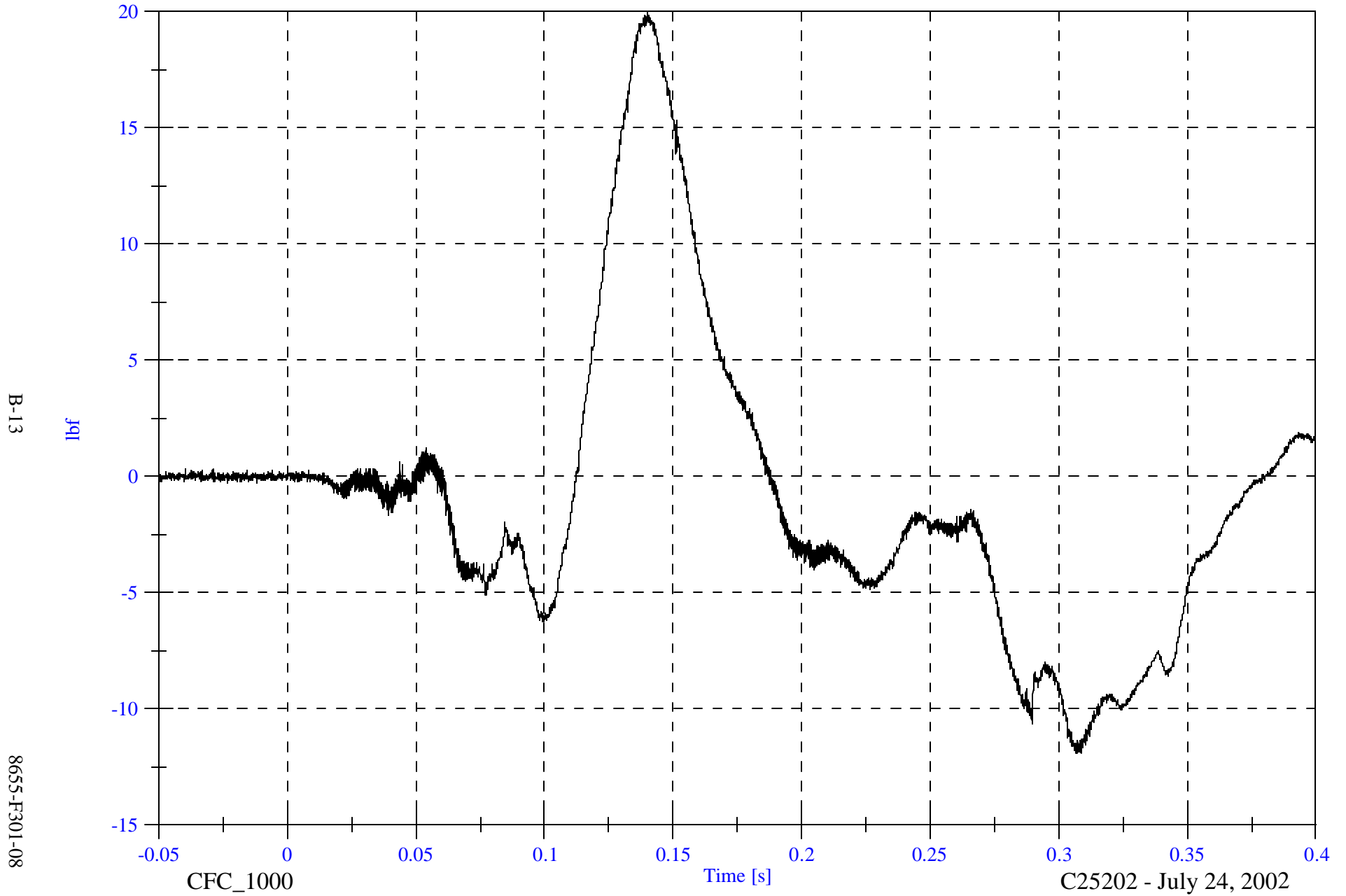
C25202 - July 24, 2002

2002 301 Test 8 2002 Nissan Altima

Max: 20.0 [lbf] at 0.140 [s]

Min: -11.9 [lbf] at 0.307 [s]

P1 Upper Neck Fy



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CFC_1000

Time [s]

C25202 - July 24, 2002

2002 301 Test 8 2002 Nissan Altima

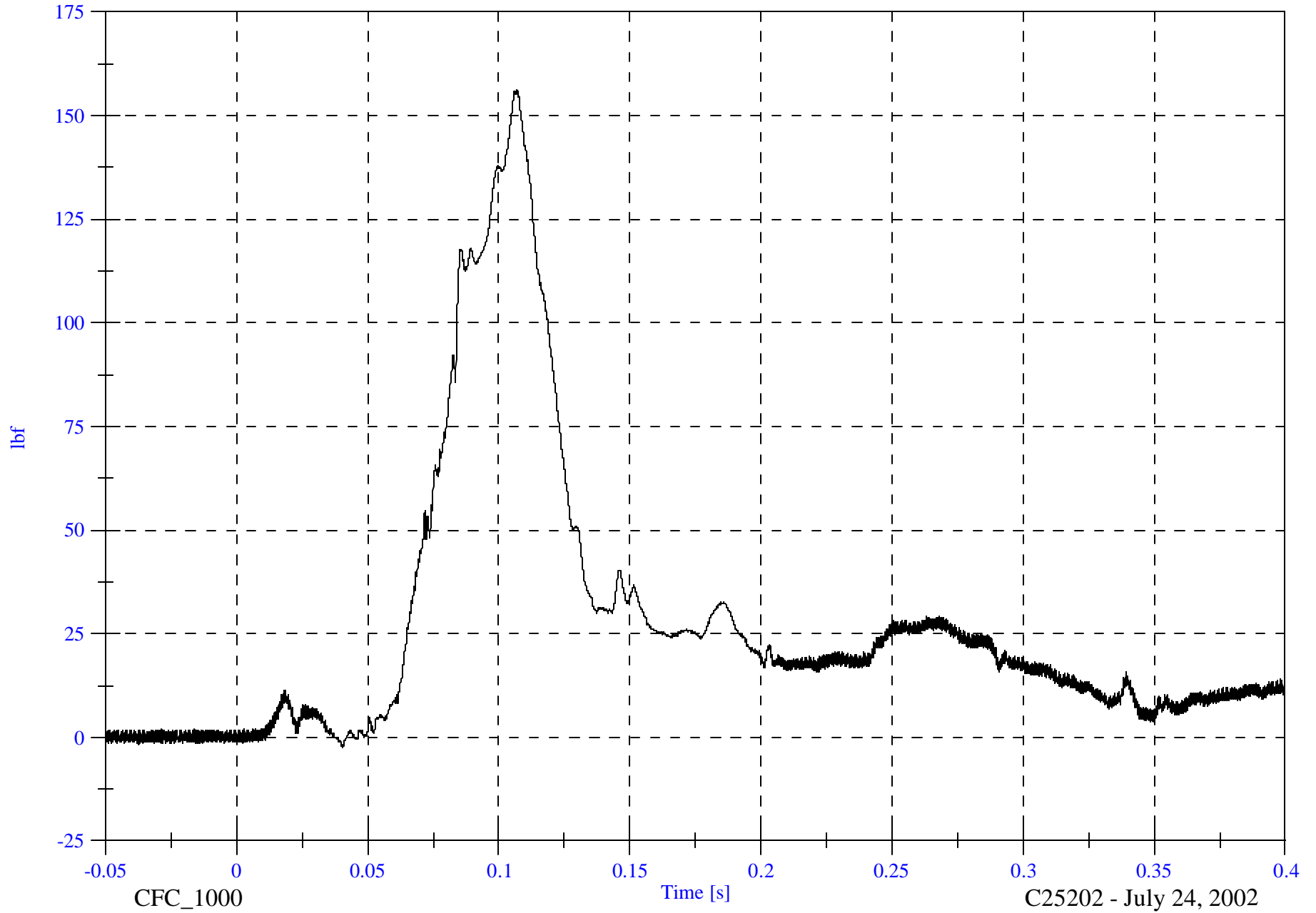
Max: 156.2 [lbf] at 0.107 [s]

P1 Upper Neck Fz

Min: -2.4 [lbf] at 0.041 [s]

B-14

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2002 301 Test 8 2002 Nissan Altima

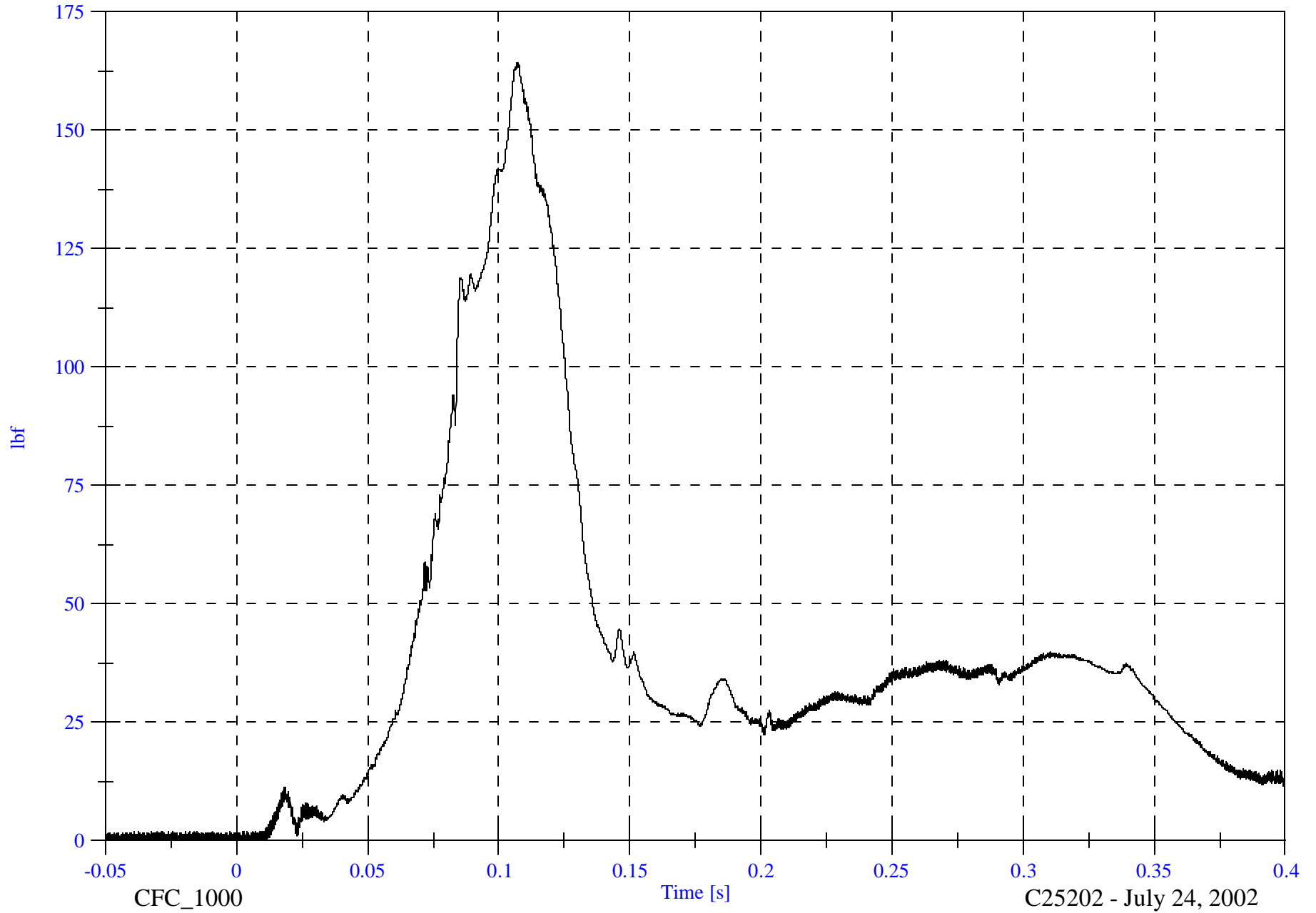
Max: 164.4 [lbf] at 0.107 [s]

P1 Upper Neck F Resultant

Min: 0.0 [lbf] at -0.049 [s]

B-15

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CFC_1000

Time [s]

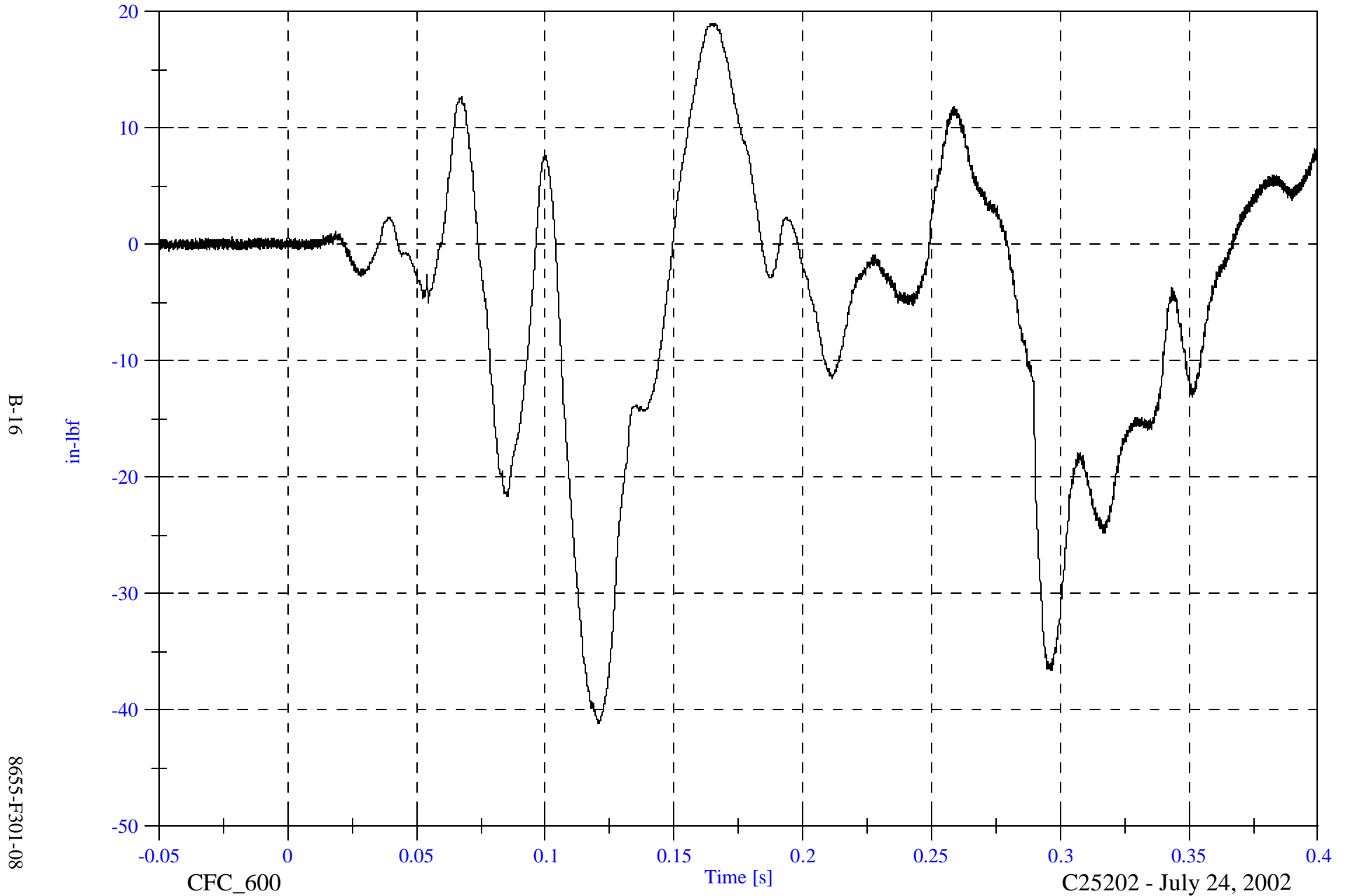
C25202 - July 24, 2002

2002 301 Test 8 2002 Nissan Altima

Max: 19.0 [in-lbf] at 0.166 [s]

Min: -41.2 [in-lbf] at 0.121 [s]

P1 Upper Neck Mx



B-16

8655-F301-08

CFC_600

Time [s]

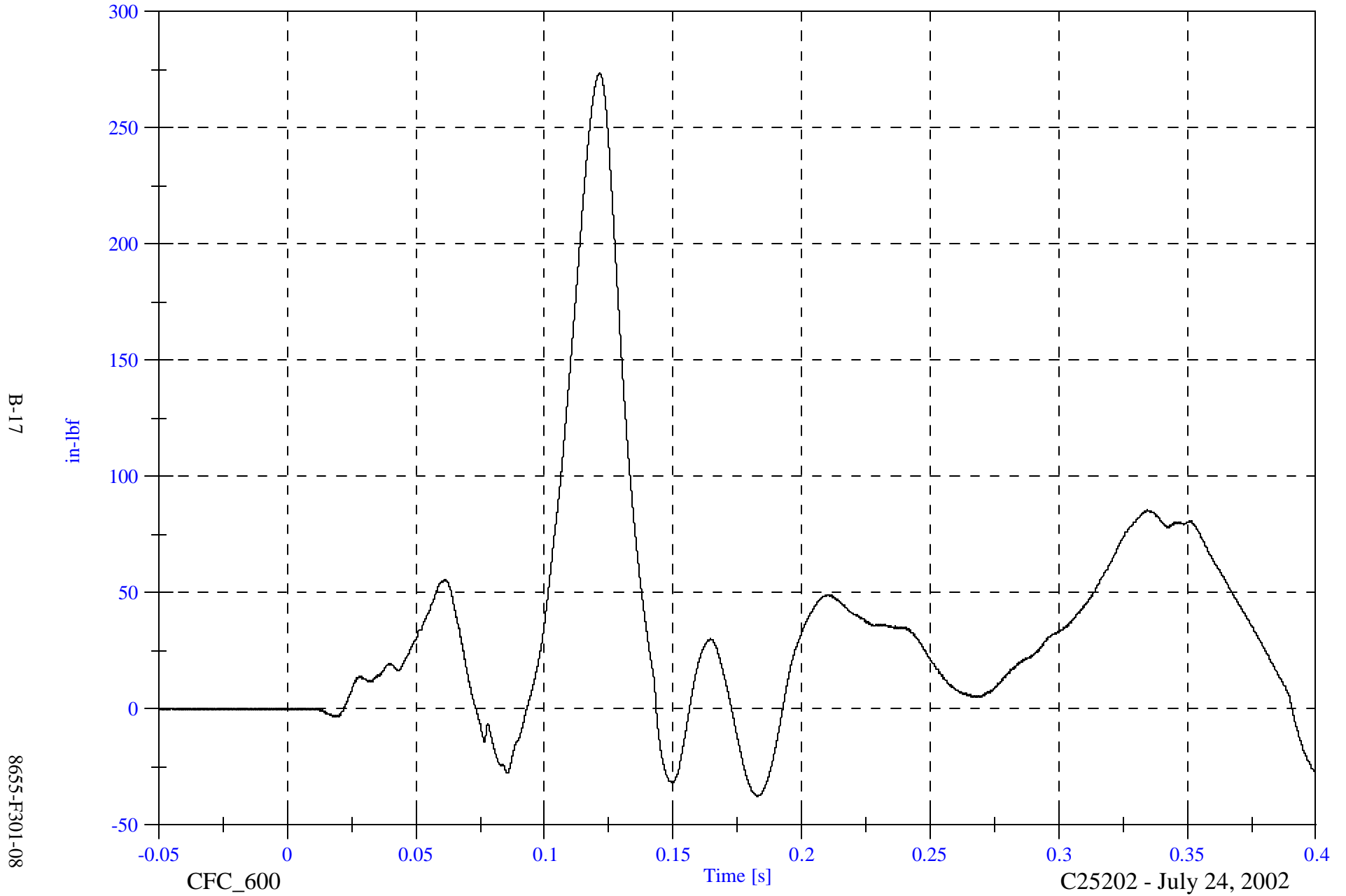
C25202 - July 24, 2002

2002 301 Test 8 2002 Nissan Altima

Max: 273.6 [in-lbf] at 0.121 [s]

Min: -37.5 [in-lbf] at 0.183 [s]

P1 Upper Neck My



B-17

8655-F301-08

CFC_600

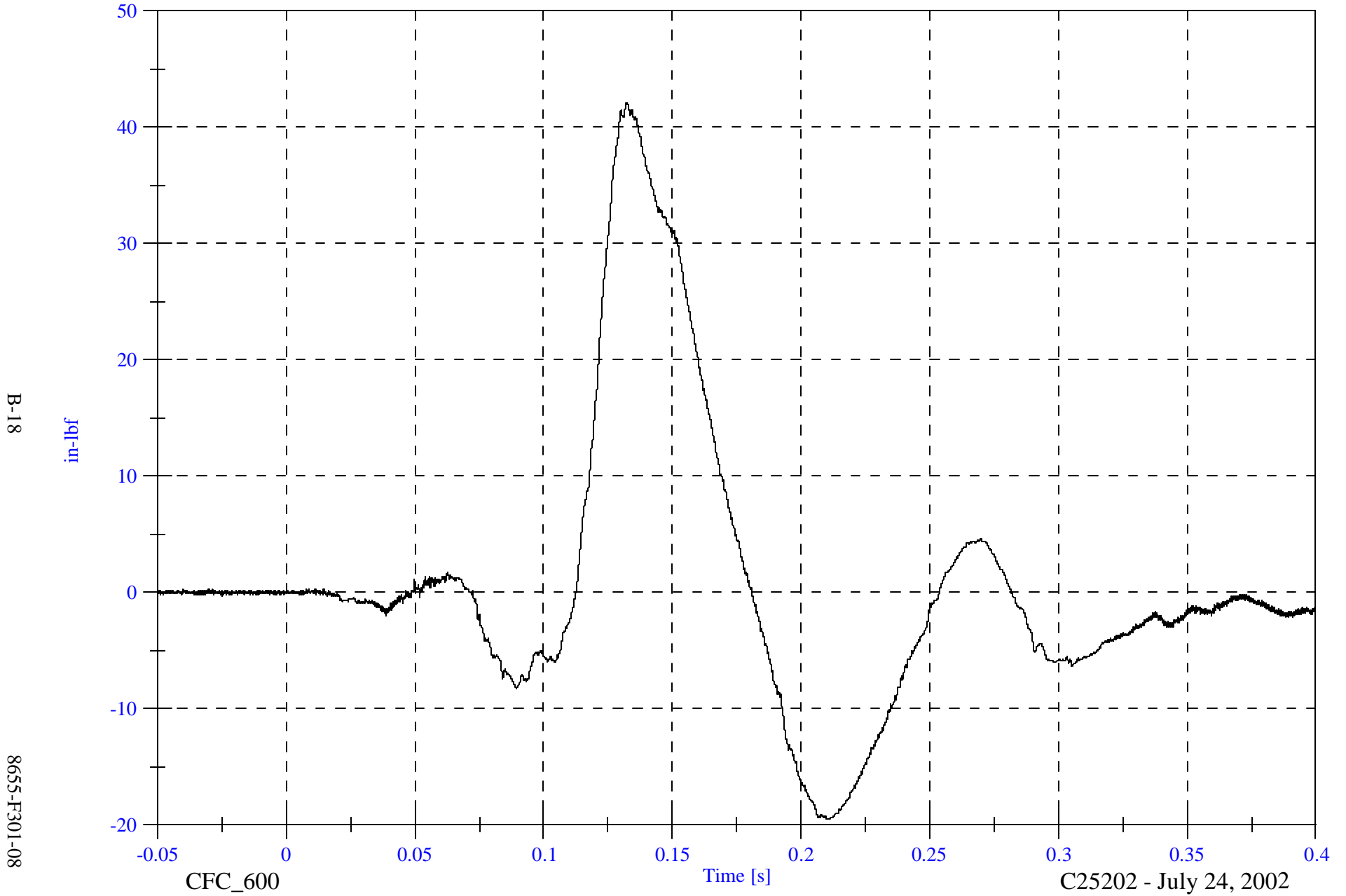
C25202 - July 24, 2002

2002 301 Test 8 2002 Nissan Altima

Max: 42.1 [in-lbf] at 0.132 [s]

Min: -19.5 [in-lbf] at 0.211 [s]

P1 Upper Neck Mz



B-18

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CFC_600

Time [s]

C25202 - July 24, 2002

2002 301 Test 8 2002 Nissan Altima

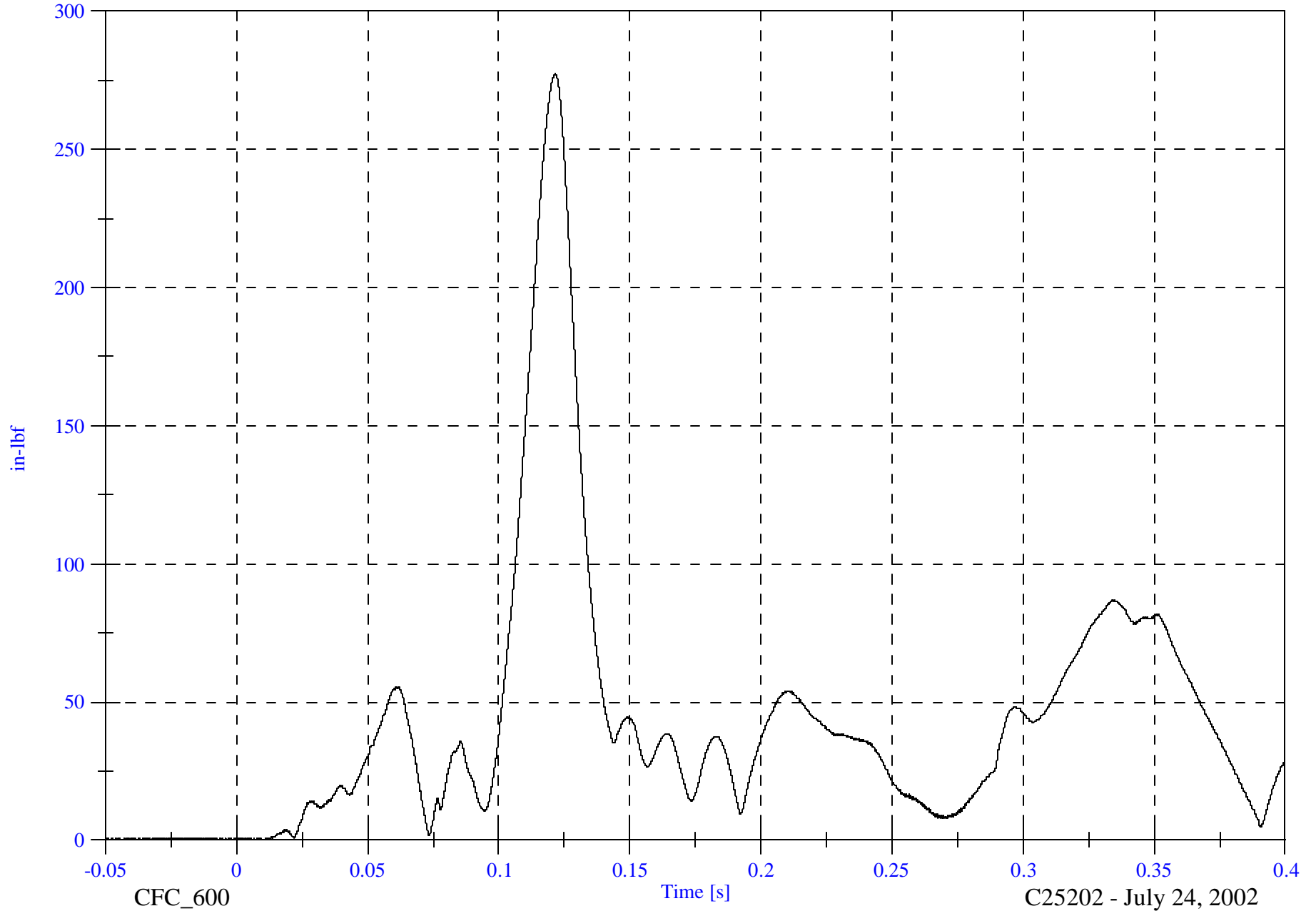
P1 Upper Neck M Resultant

Max: 277.3 [in-lbf] at 0.121 [s]

Min: 0.0 [in-lbf] at -0.042 [s]

B-19

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2002 301 Test 8 2002 Nissan Altima

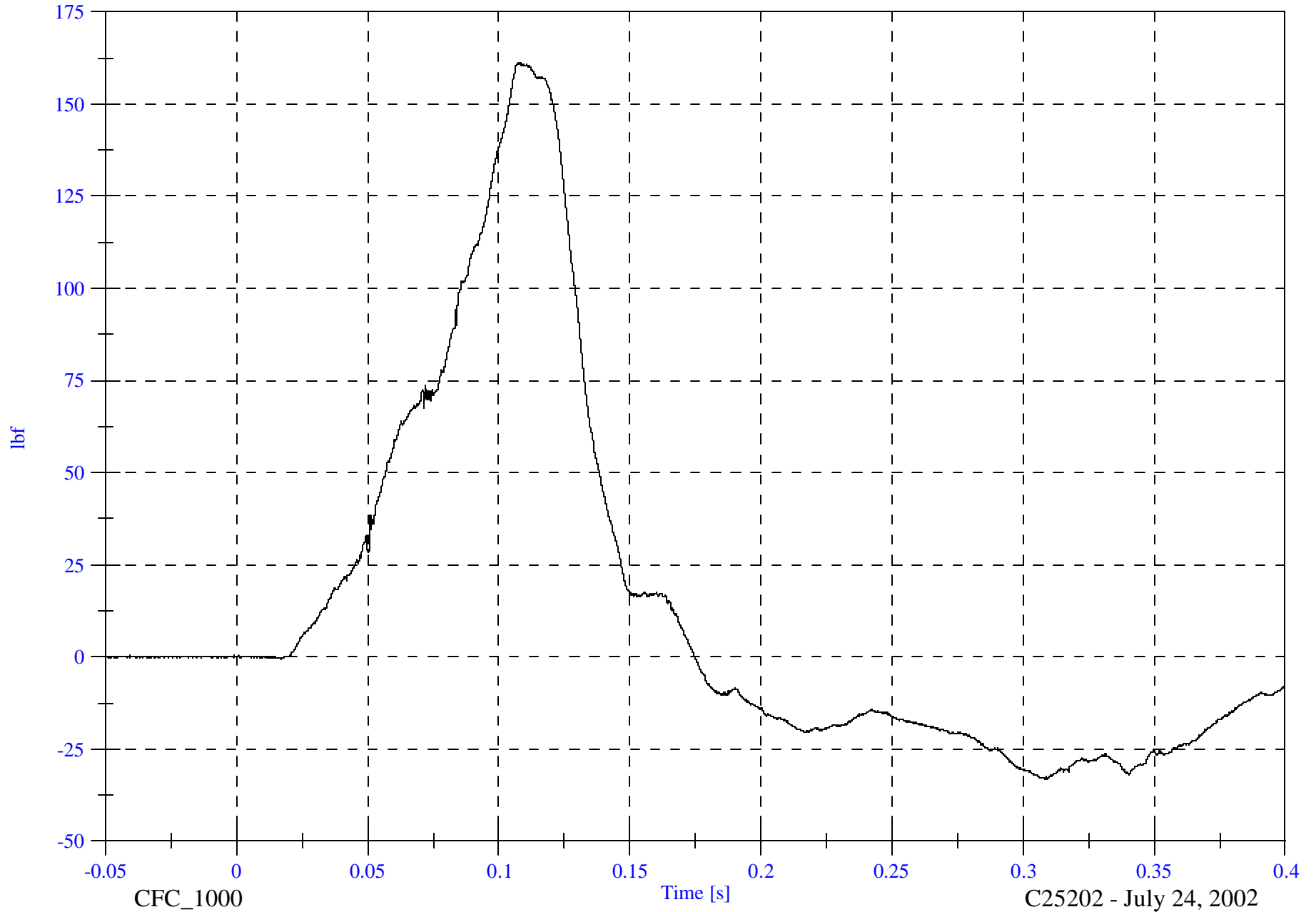
Max: 161.3 [lbf] at 0.108 [s]

P1 Lower Neck Fx

Min: -33.0 [lbf] at 0.308 [s]

B-20

8655-F301-08



CFC_1000

Time [s]

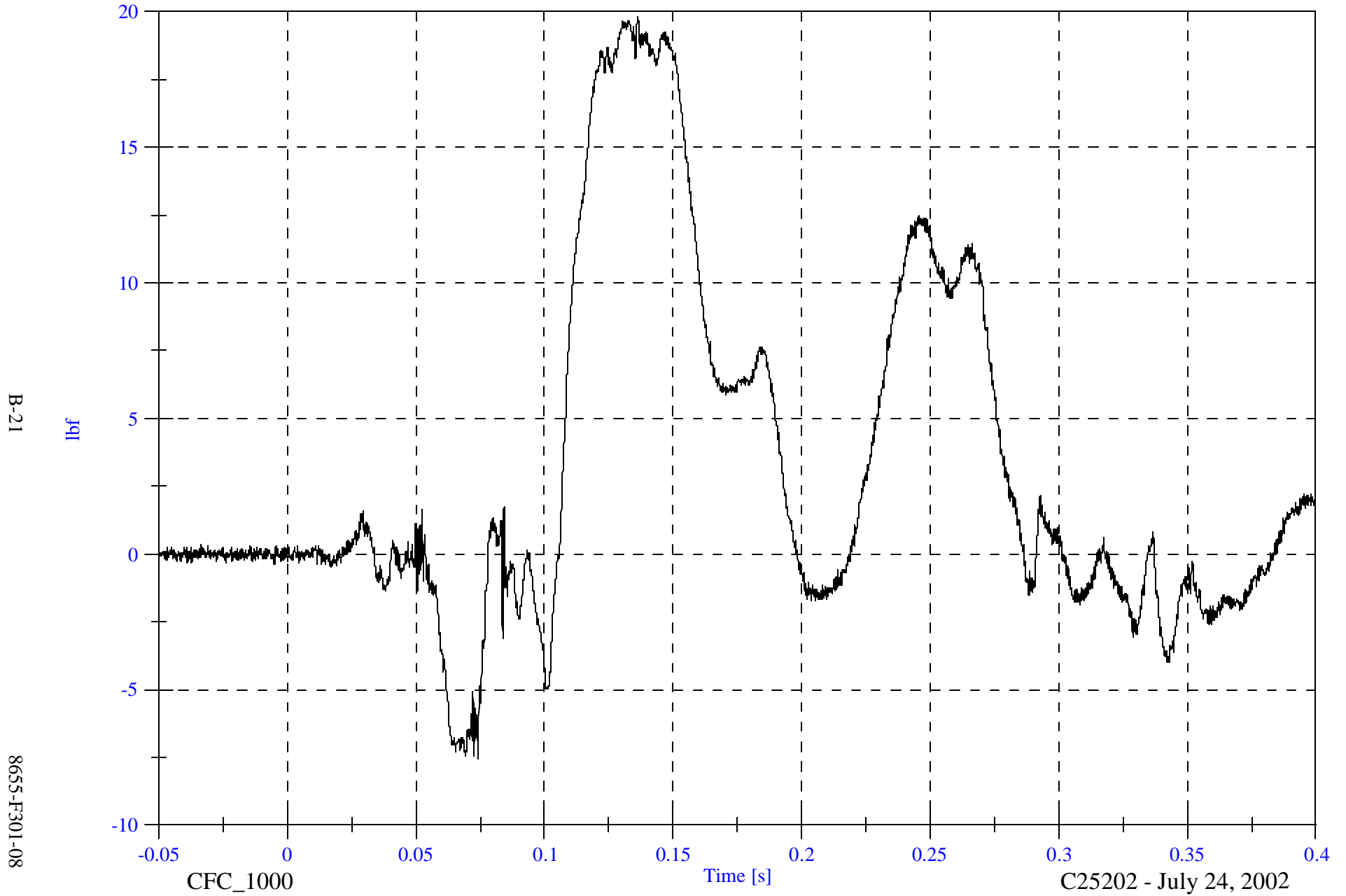
C25202 - July 24, 2002

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Max: 19.8 [lbf] at 0.136 [s]

Min: -7.5 [lbf] at 0.074 [s]

P1 Lower Neck Fy



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CFC_1000

Time [s]

C25202 - July 24, 2002

2002 301 Test 8 2002 Nissan Altima

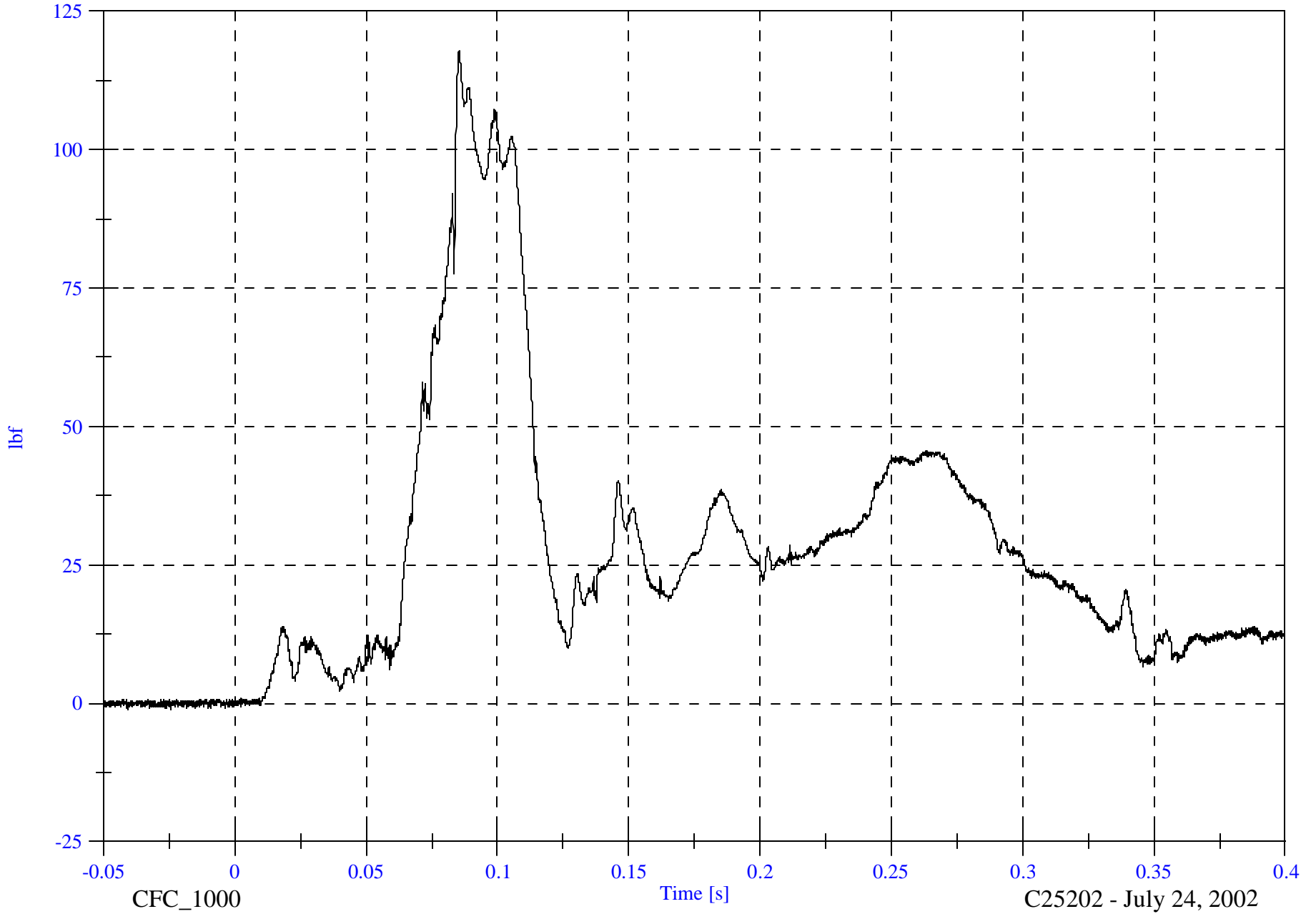
Max: 117.9 [lbf] at 0.085 [s]

P1 Lower Neck Fz

Min: -1.0 [lbf] at -0.024 [s]

B-22

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Max: 189.3 [lbf] at 0.107 [s]

P1 Lower Neck F Resultant

Min: 0.0 [lbf] at -0.011 [s]

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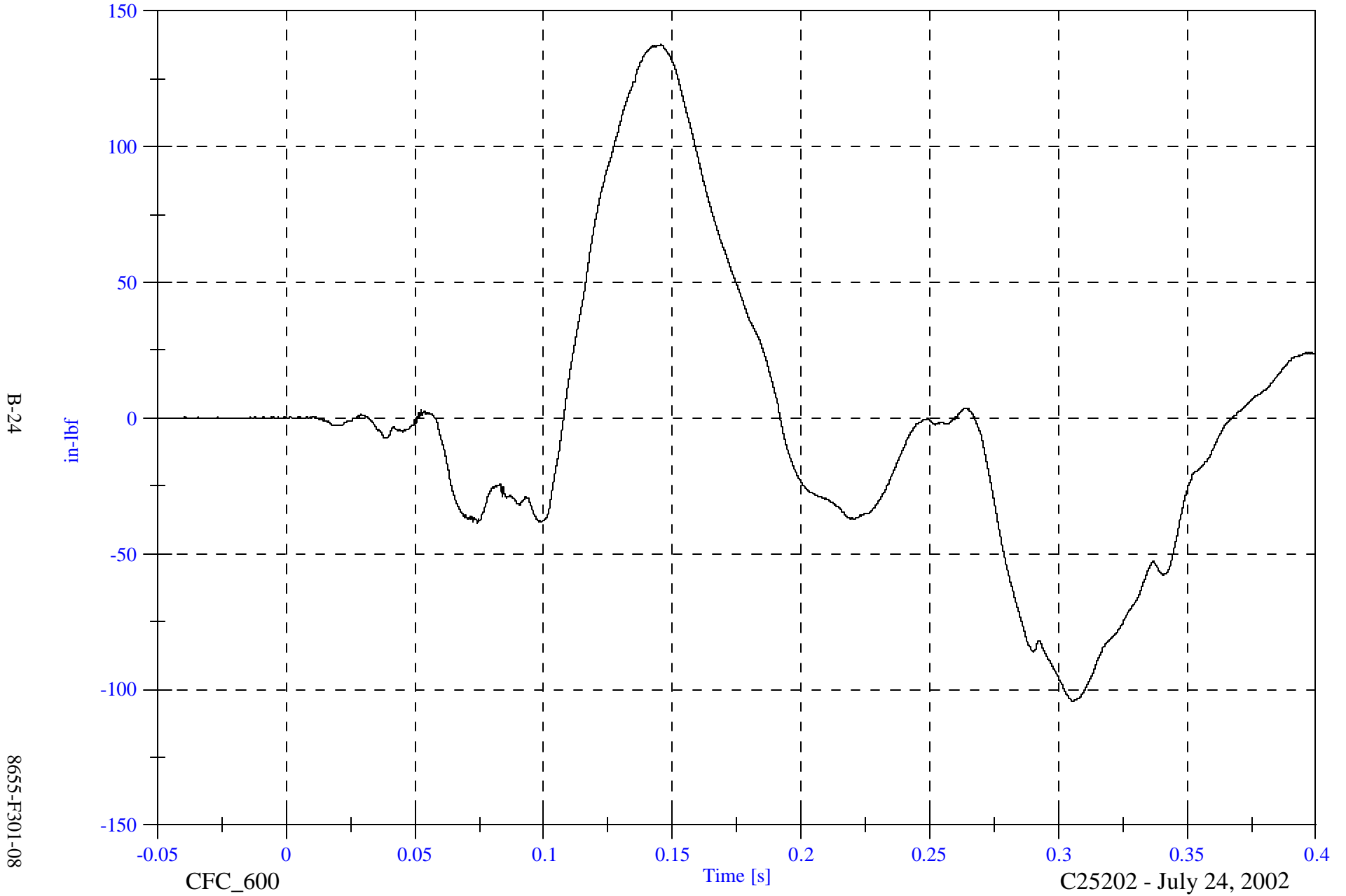


2002 301 Test 8 2002 Nissan Altima

Max: 137.5 [in-lbf] at 0.146 [s]

Min: -104.5 [in-lbf] at 0.306 [s]

P1 Lower Neck Mx

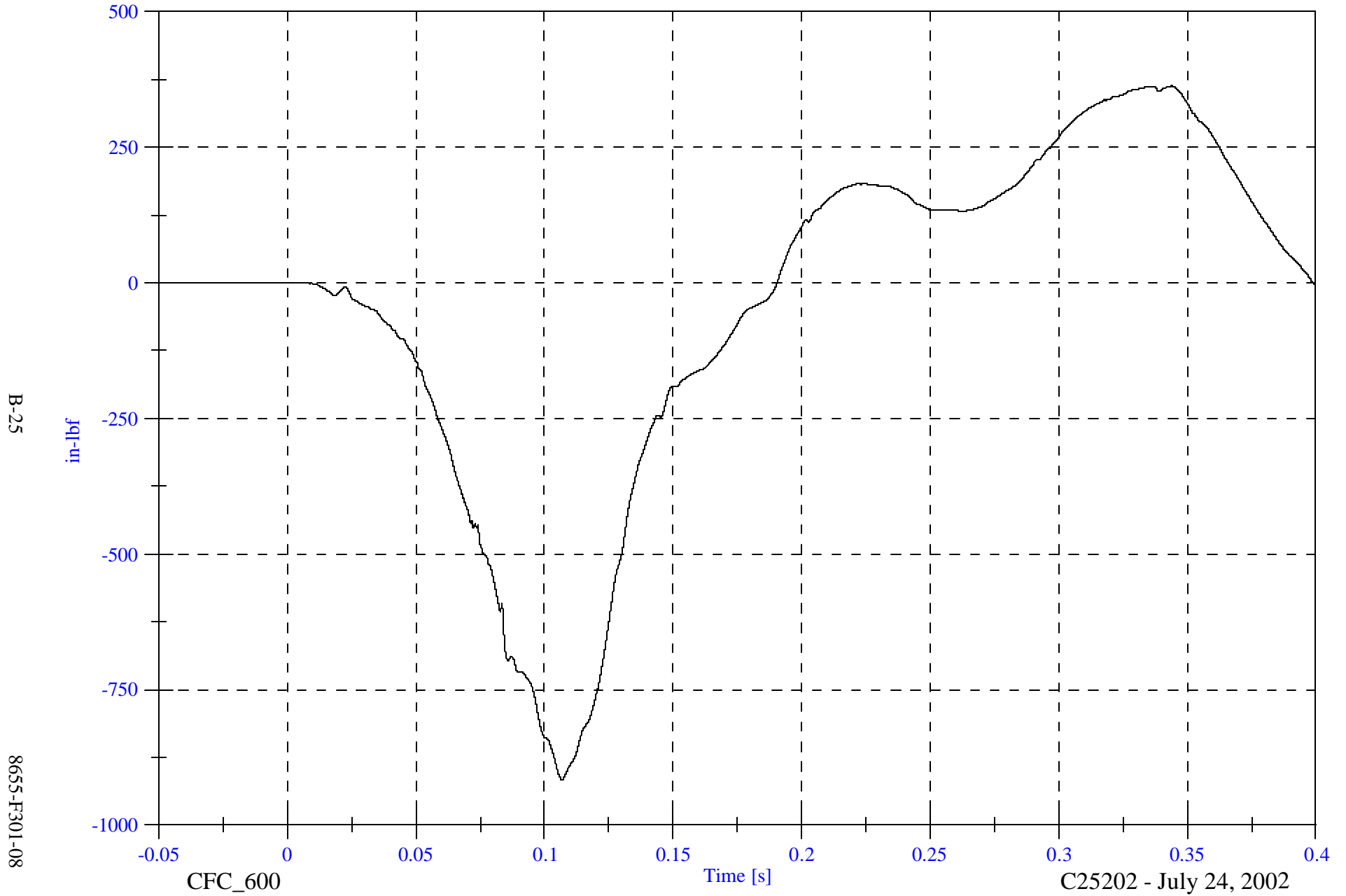


2002 301 Test 8 2002 Nissan Altima

Max: 362.9 [in-lbf] at 0.344 [s]

Min: -915.9 [in-lbf] at 0.107 [s]

P1 Lower Neck My



B-25

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CFC_600

Time [s]

C25202 - July 24, 2002

2002 301 Test 8 2002 Nissan Altima

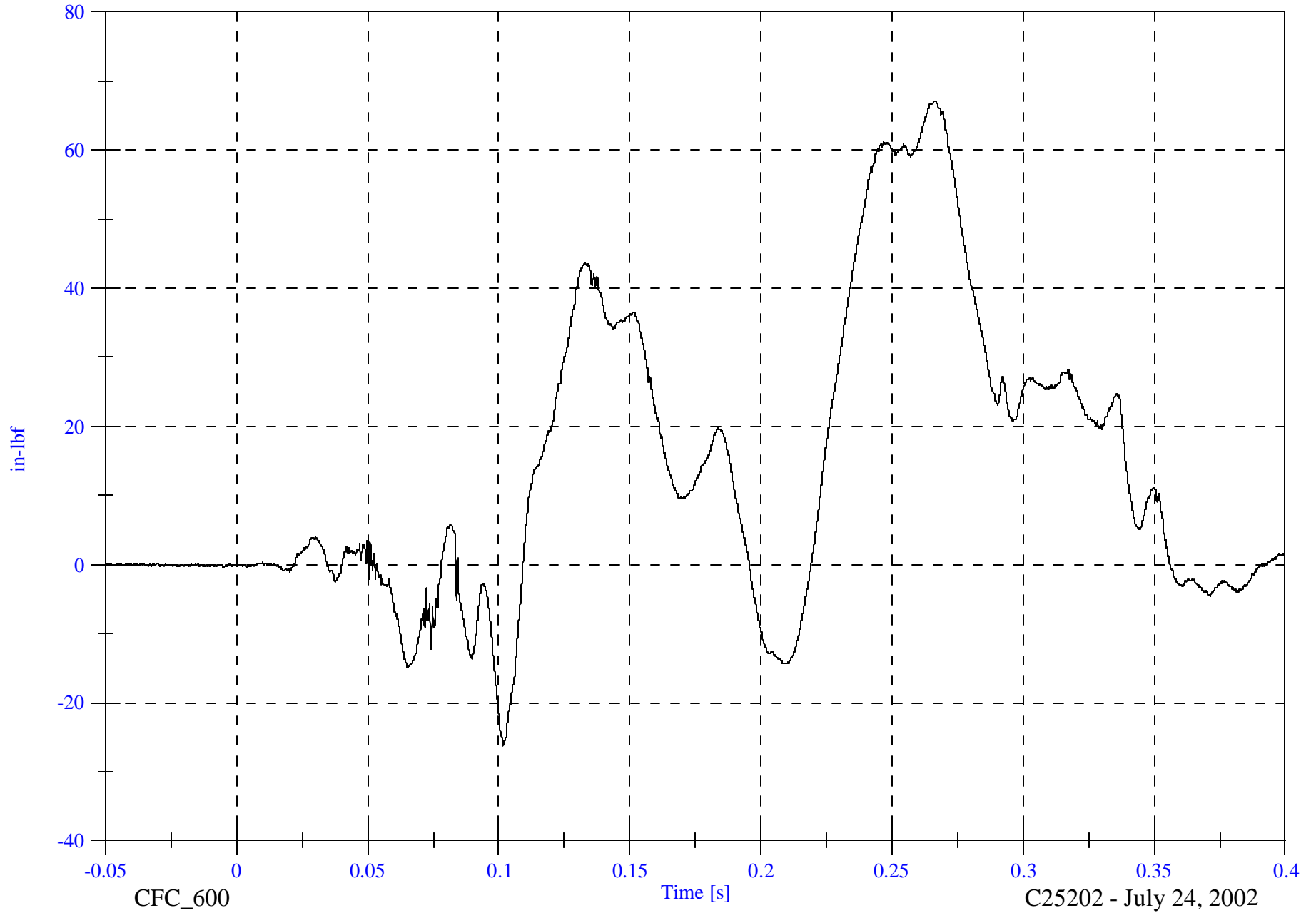
Max: 67.1 [in-lbf] at 0.266 [s]

Min: -26.2 [in-lbf] at 0.102 [s]

P1 Lower Neck Mz

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2002 301 Test 8 2002 Nissan Altima

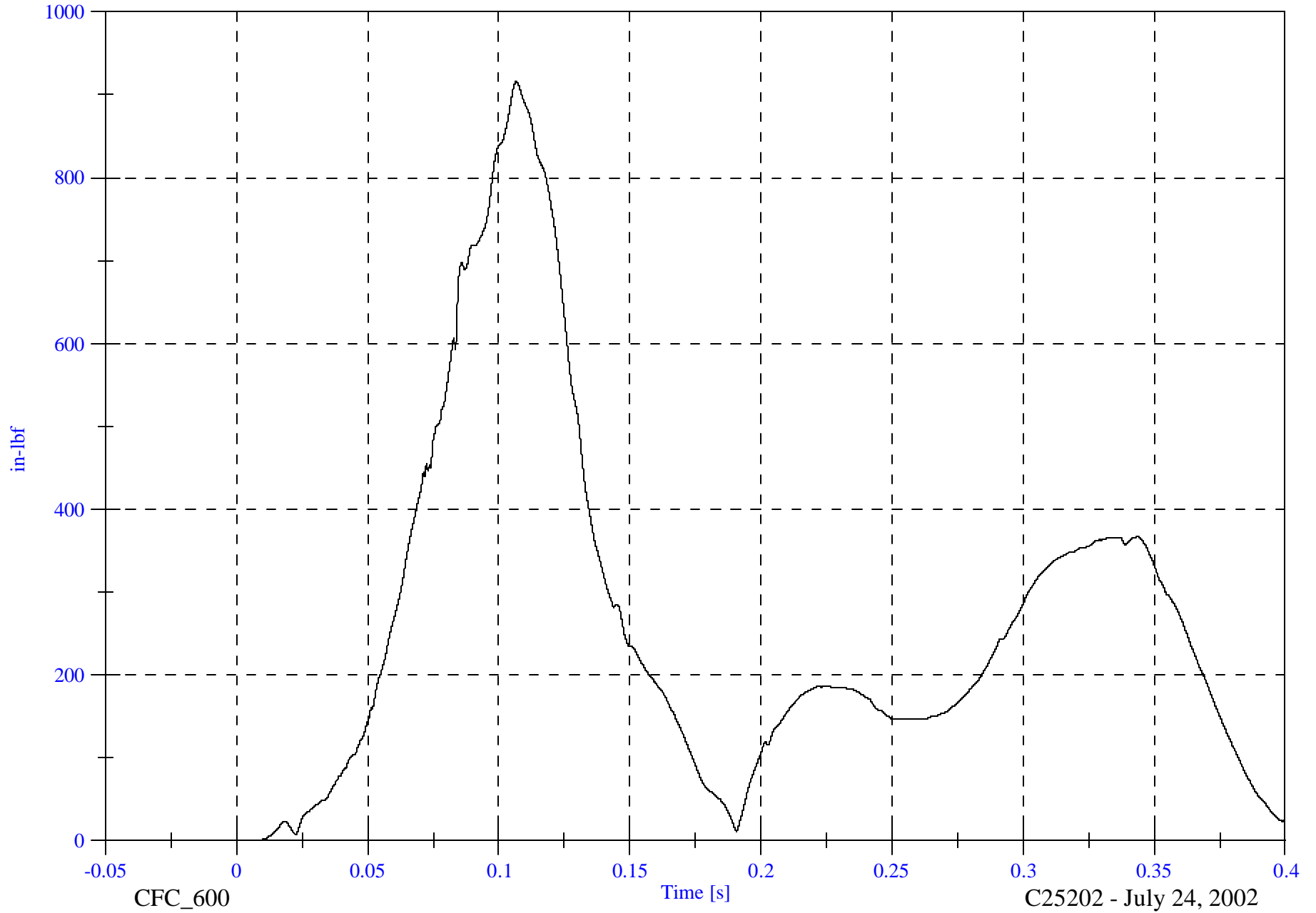
P1 Lower Neck M Resultant

Max: 916.0 [in-lbf] at 0.107 [s]

Min: 0.0 [in-lbf] at -0.040 [s]

B-27

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Max: 5.1 [Deg] at 0.346 [s]

Upper Neck Rotation

Min: -4.5 [Deg] at 0.098 [s]

B-28

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2002 301 Test 8 2002 Nissan Altima

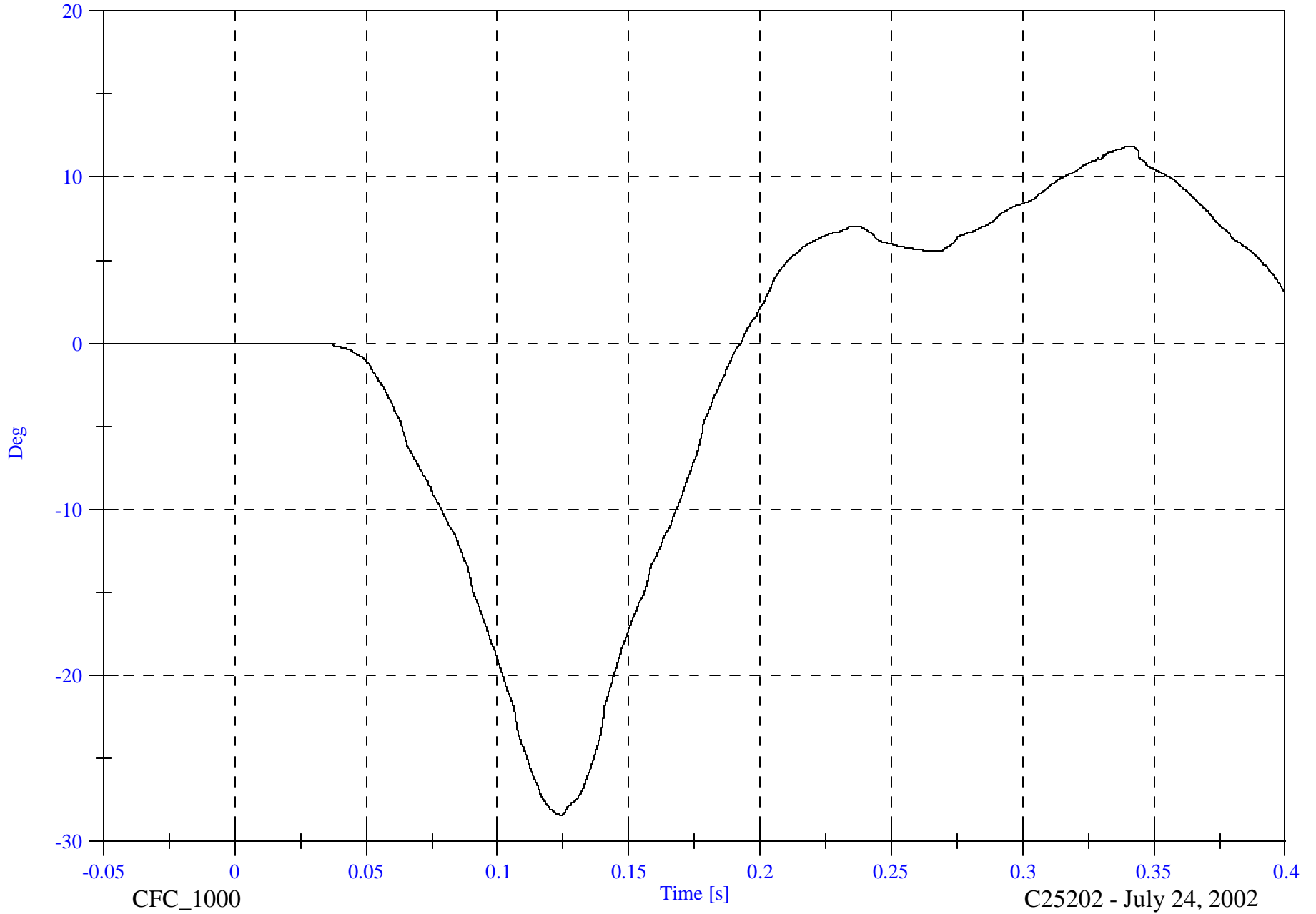
Lower Neck Rotation

Max: 11.8 [Deg] at 0.341 [s]

Min: -28.4 [Deg] at 0.125 [s]

B-29

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CFC_1000

C25202 - July 24, 2002

2002 301 Test 8 2002 Nissan Altima

Max: 15.7 [g] at 0.083 [s]

Min: -3.2 [g] at 0.265 [s]

P1 Chest x



B-30

8655-F301-08

CFC_180

Time [s]

C25202 - July 24, 2002

2002 301 Test 8 2002 Nissan Altima

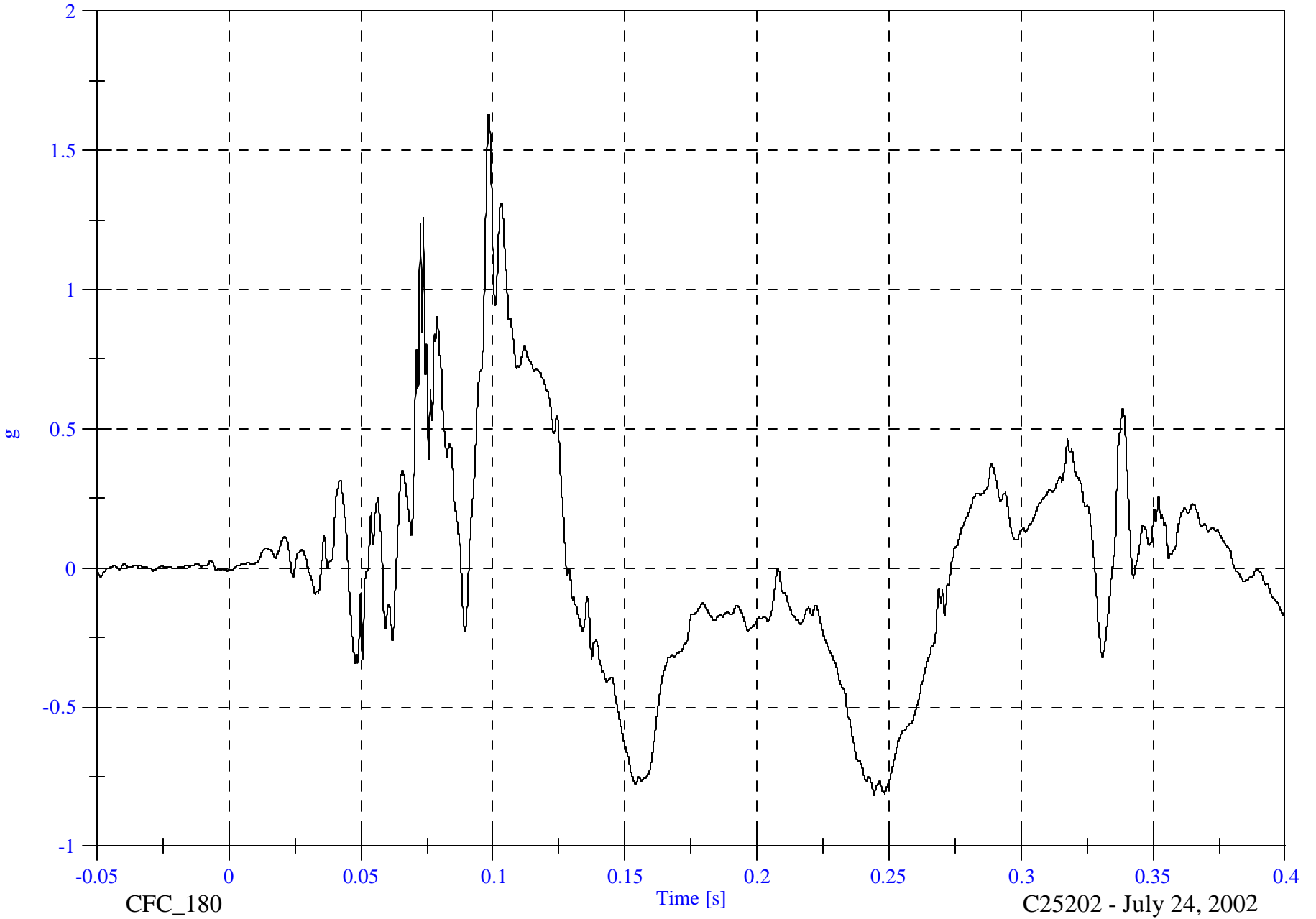
Max: 1.6 [g] at 0.098 [s]

Min: -0.8 [g] at 0.244 [s]

P1 Chest y

B-31

8655-F301-08



2002 301 Test 8 2002 Nissan Altima

Max: 5.9 [g] at 0.083 [s]

Min: -1.4 [g] at 0.126 [s]

P1 Chest z

B-32

8655-F301-08



CFC_180

C25202 - July 24, 2002

2002 301 Test 8 2002 Nissan Altima

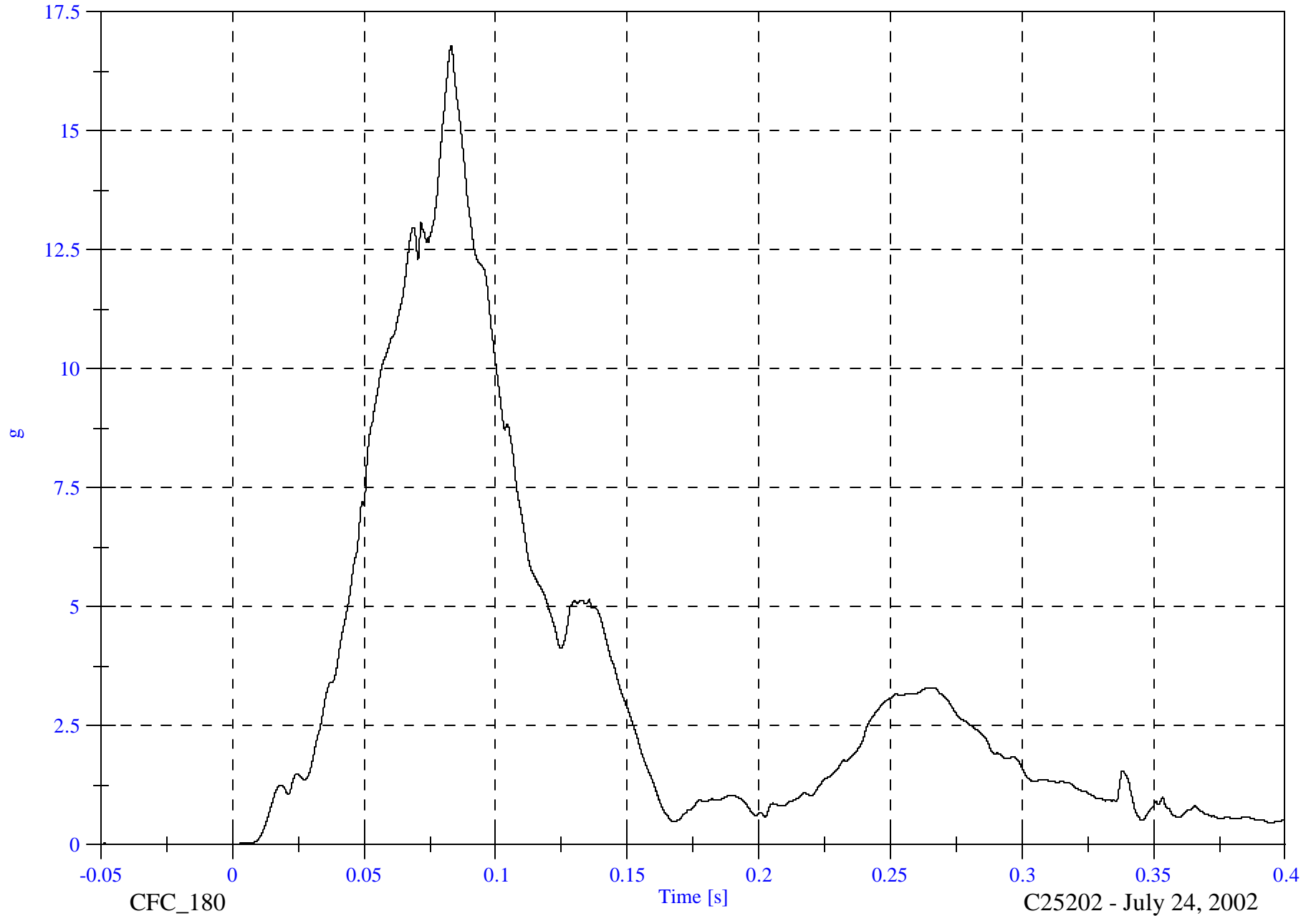
P1 Chest Resultant

Max: 16.8 [g] at 0.083 [s]

Min: 0.0 [g] at -0.027 [s]

B-33

8655-F301-08



2002 301 Test 8 2002 Nissan Altima

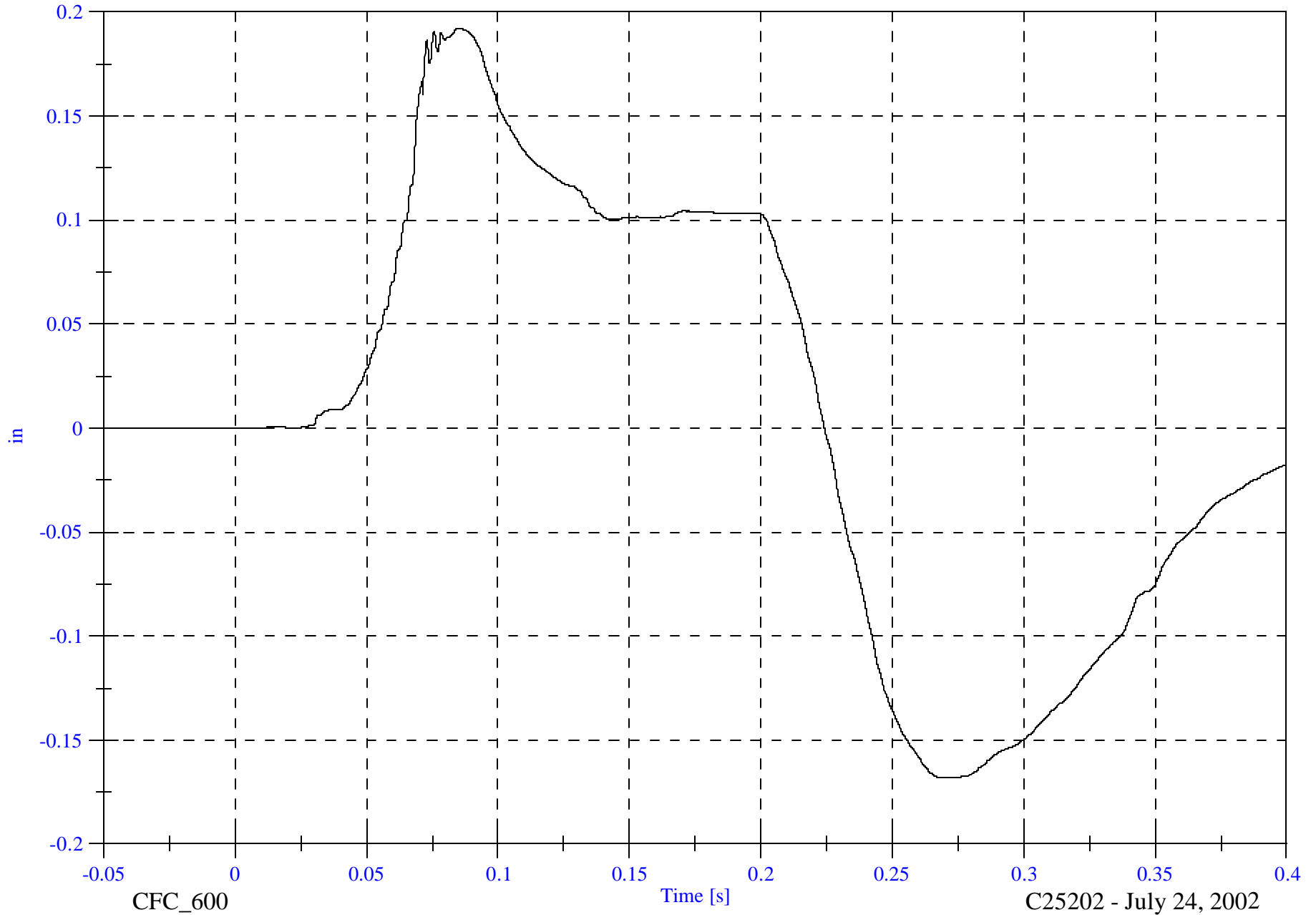
P1 Chest Compression

Max: 0.2 [in] at 0.085 [s]

Min: -0.2 [in] at 0.271 [s]

B-34

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CFC_600

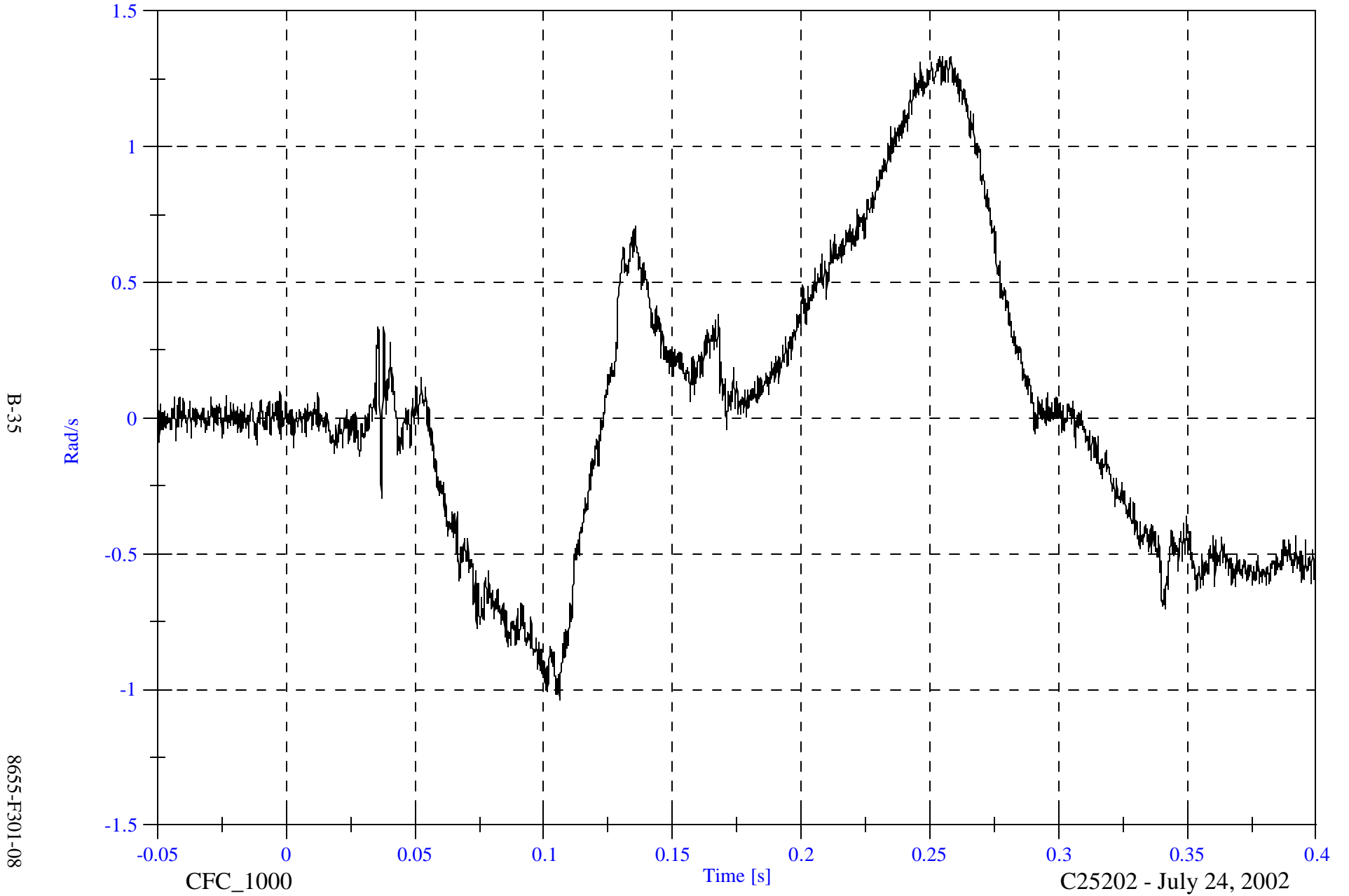
C25202 - July 24, 2002

2002 301 Test 8 2002 Nissan Altima

Max: 1.3 [Rad/s] at 0.255 [s]

Min: -1.0 [Rad/s] at 0.106 [s]

P1 Chest Angular Velocity x



B-35

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CFC_1000

Time [s]

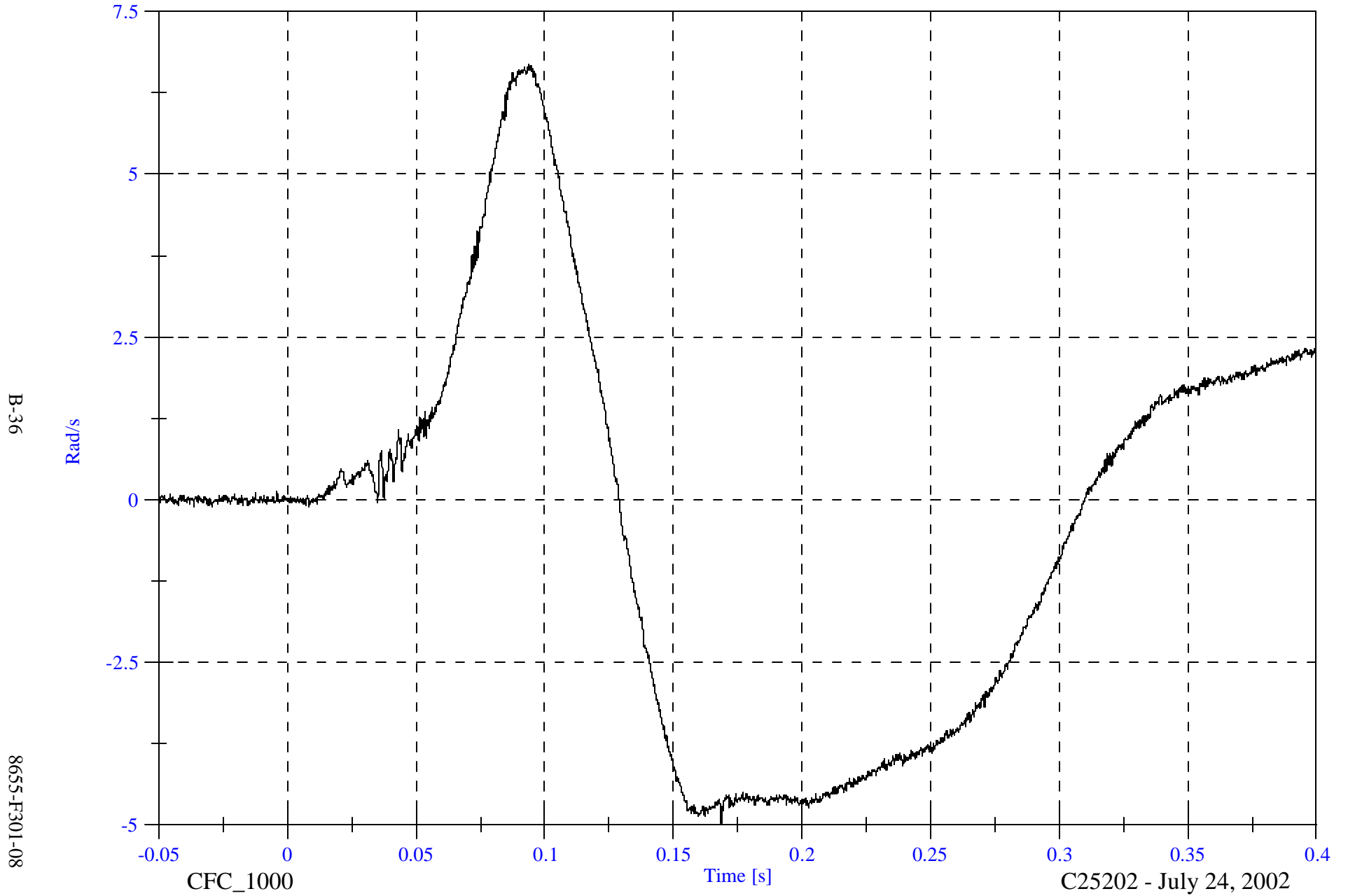
C25202 - July 24, 2002

2002 301 Test 8 2002 Nissan Altima

Max: 6.7 [Rad/s] at 0.094 [s]

P1 Chest Angular Velocity y

Min: -5.0 [Rad/s] at 0.169 [s]



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CFC_1000

C25202 - July 24, 2002

2002 301 Test 8 2002 Nissan Altima

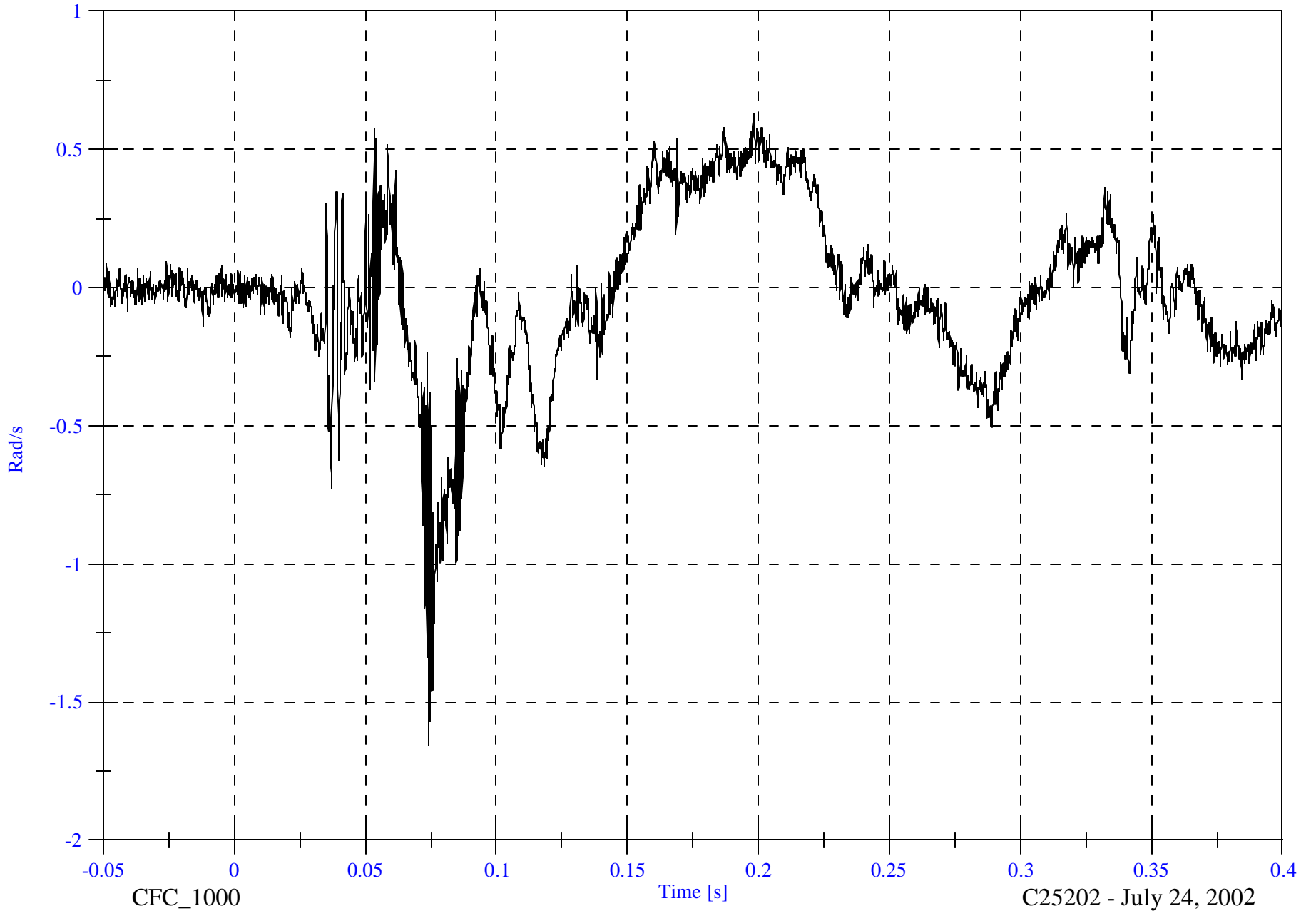
P1 Chest Angular Velocity z

Max: 0.6 [Rad/s] at 0.198 [s]

Min: -1.7 [Rad/s] at 0.074 [s]

B-37

8655-F301-08



CFC_1000

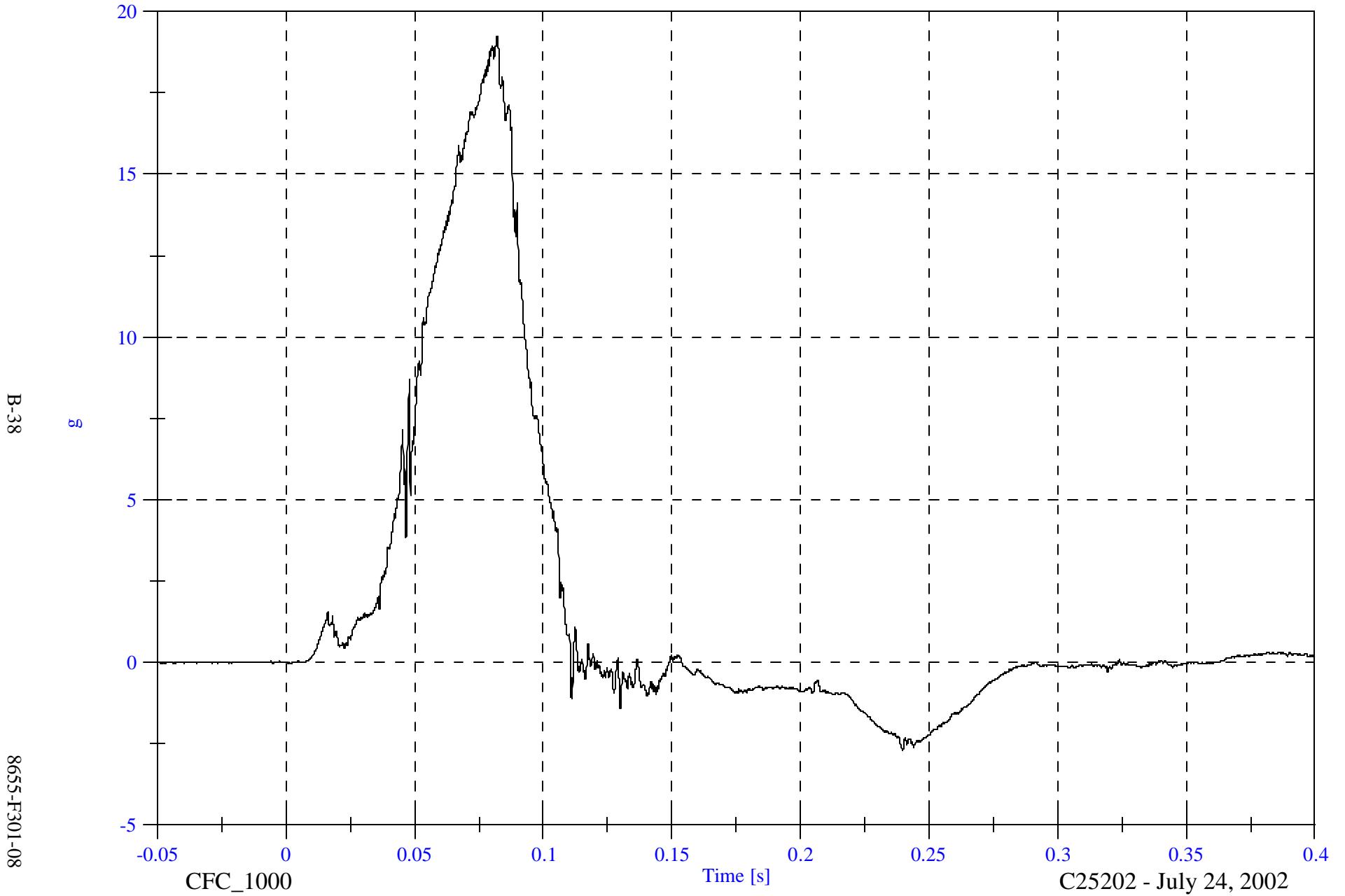
C25202 - July 24, 2002

2002 301 Test 8 2002 Nissan Altima

Max: 19.2 [g] at 0.082 [s]

Min: -2.7 [g] at 0.240 [s]

P1 Pelvic x

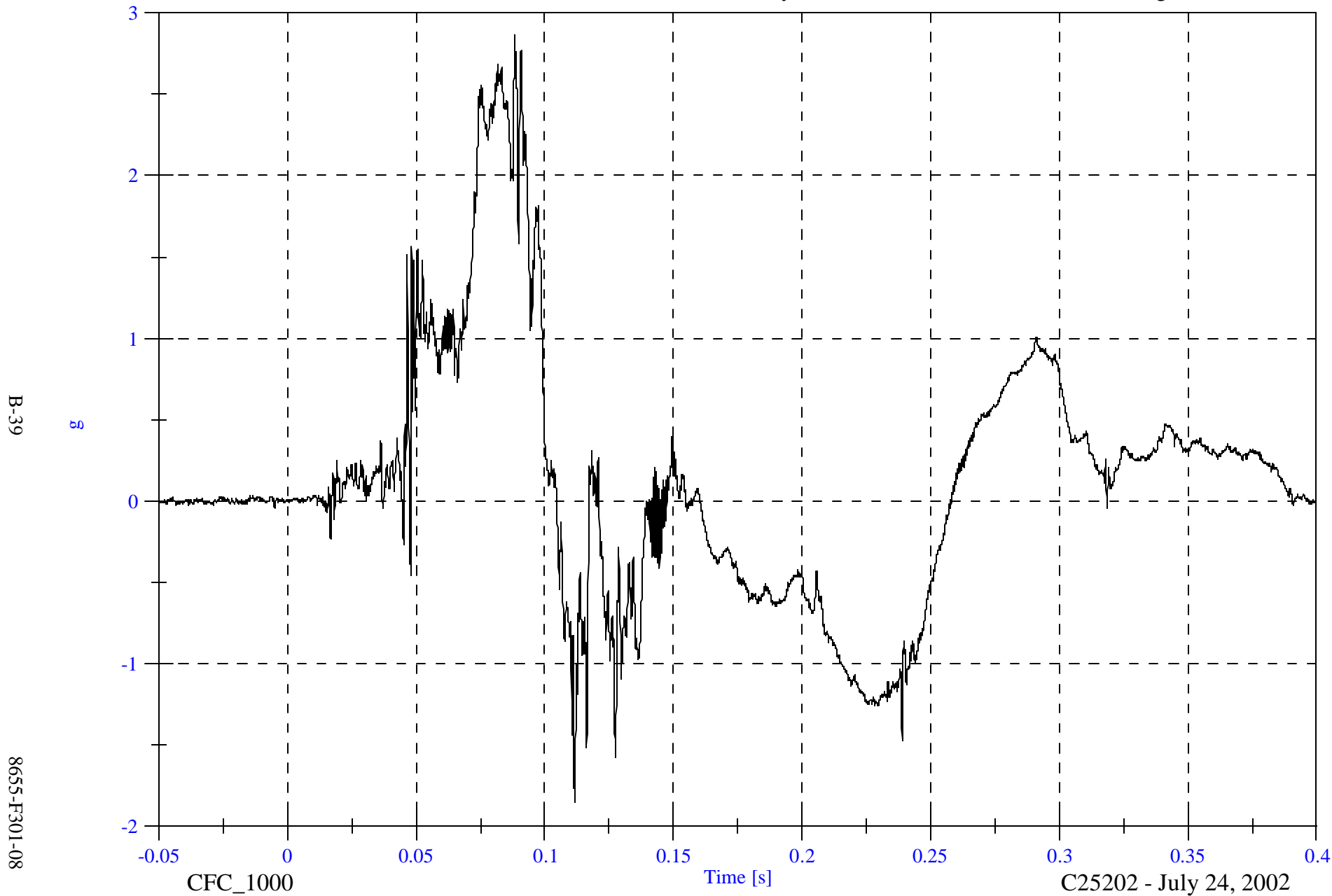


2002 301 Test 8 2002 Nissan Altima

Max: 2.9 [g] at 0.088 [s]

Min: -1.8 [g] at 0.112 [s]

P1 Pelvic y

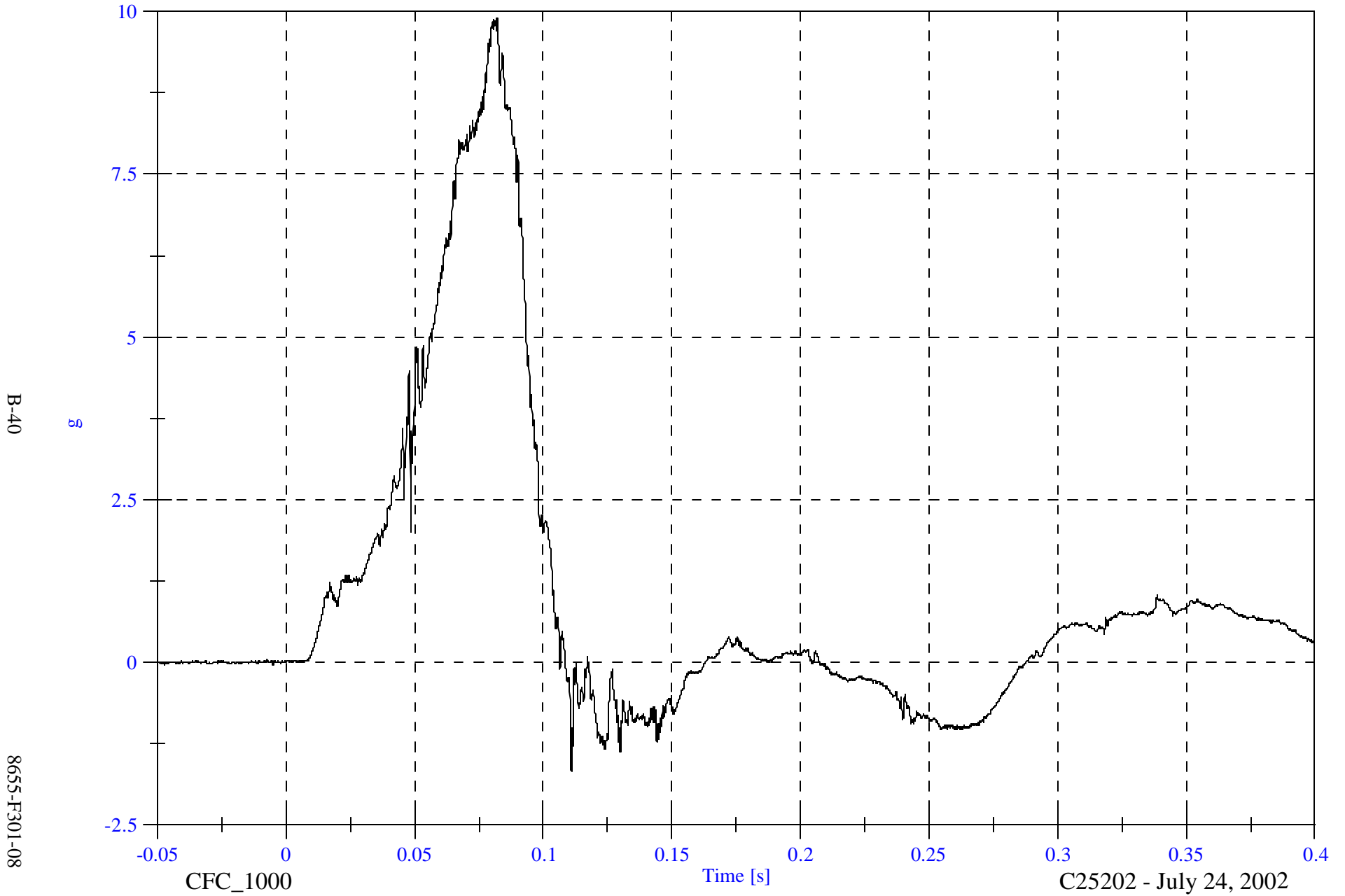


2002 301 Test 8 2002 Nissan Altima

Max: 9.9 [g] at 0.082 [s]

Min: -1.7 [g] at 0.111 [s]

P1 Pelvic z



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CFC_1000

Time [s]

C25202 - July 24, 2002

2002 301 Test 8 2002 Nissan Altima

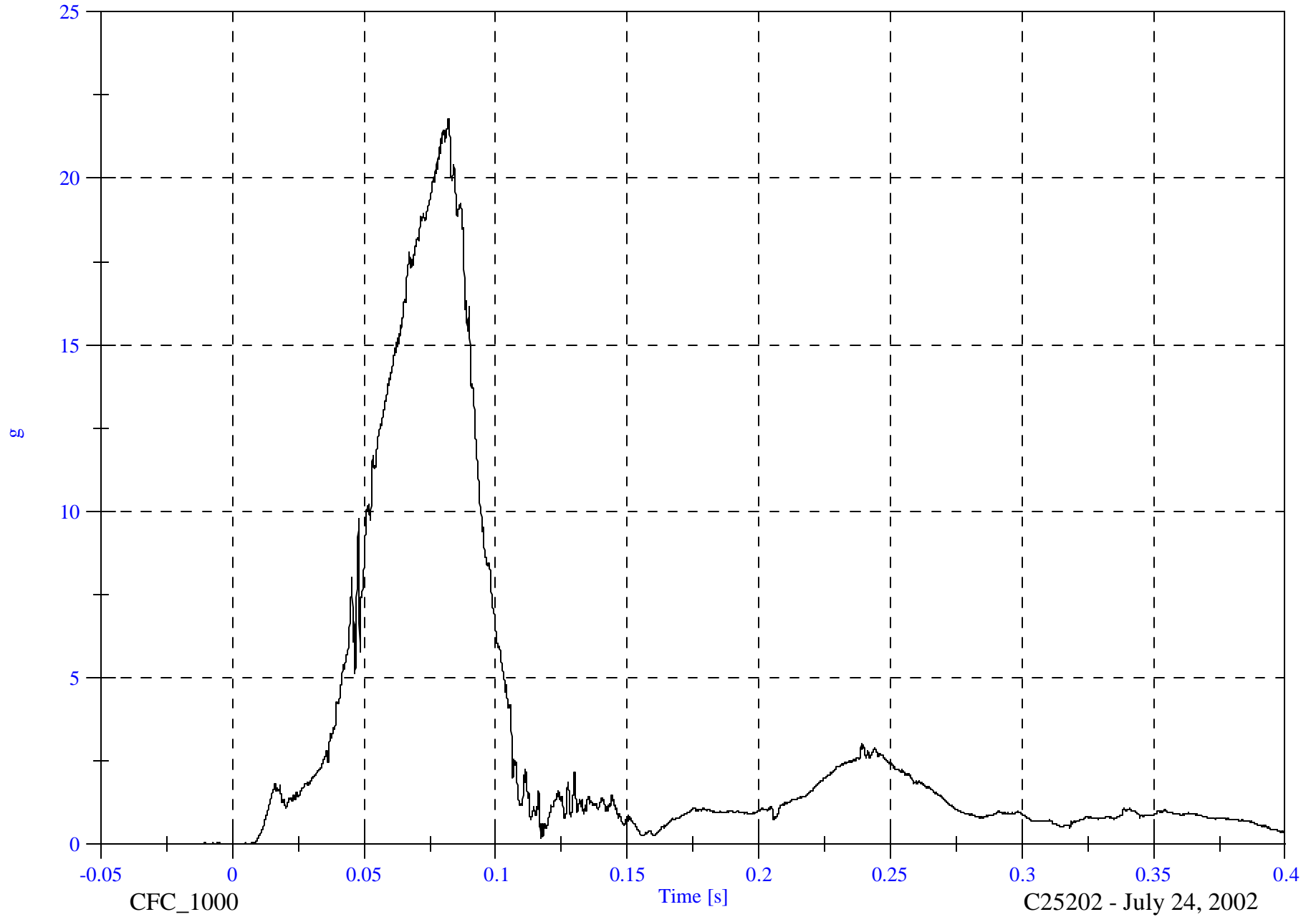
P1 Pelvic Resultant

Max: 21.8 [g] at 0.082 [s]

Min: 0.0 [g] at -0.050 [s]

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Max: 53.8 [lbf] at 0.097 [s]

Min: -103.2 [lbf] at 0.048 [s]

P1 Left Femur



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CFC_600

Time [s]

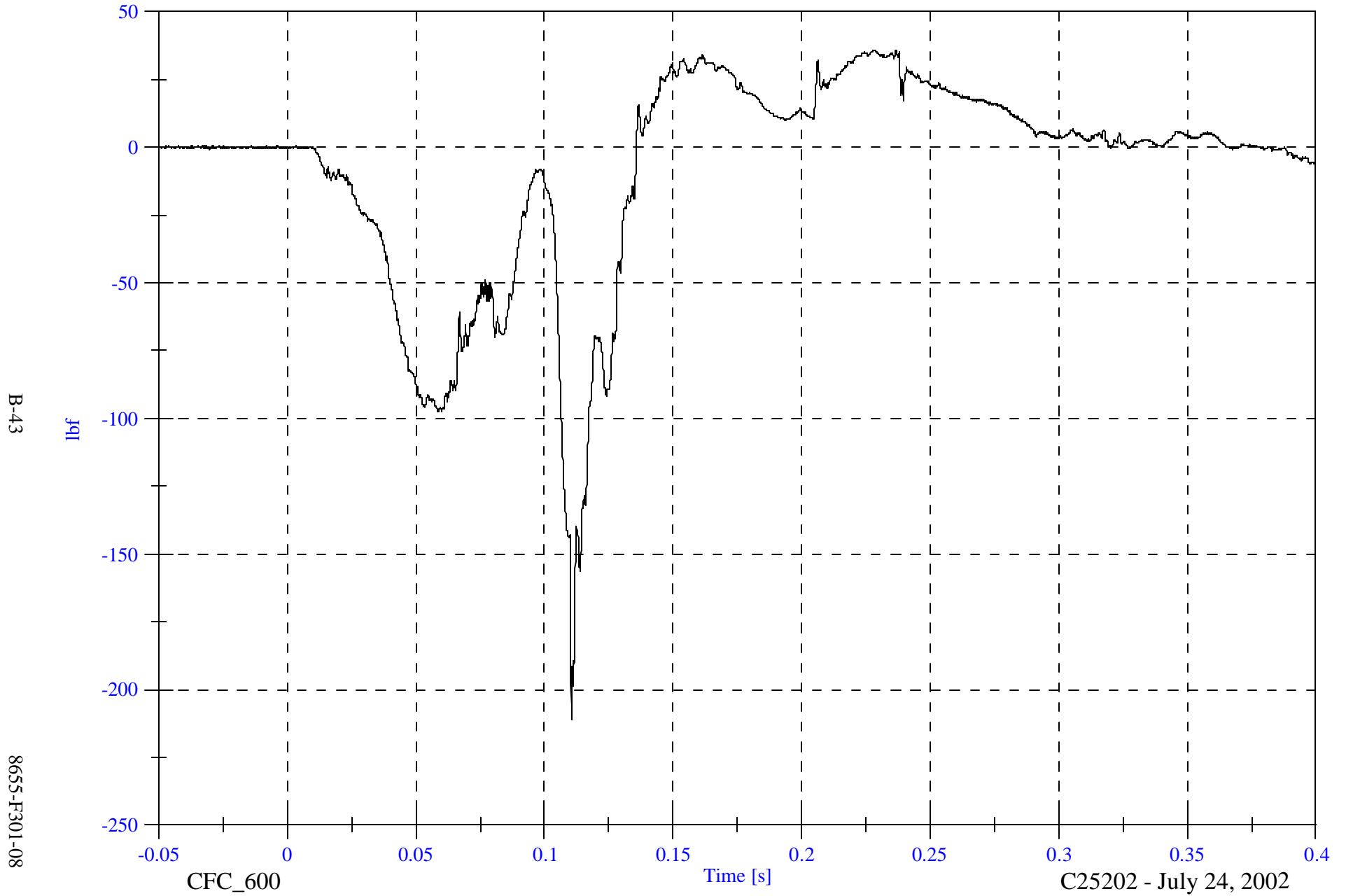
C25202 - July 24, 2002

2002 301 Test 8 2002 Nissan Altima

Max: 35.8 [lbf] at 0.237 [s]

Min: -210.9 [lbf] at 0.111 [s]

P1 Right Femur



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CFC_600

Time [s]

C25202 - July 24, 2002

2002 301 Test 8 2002 Nissan Altima

Max: 80.3 [lbf] at 0.275 [s]

Min: -27.6 [lbf] at 0.051 [s]

P1 Lap Belt



B-44

8655-F301-08

CFC_60

Time [s]

C25202 - July 24, 2002

2002 301 Test 8 2002 Nissan Altima

P1 Belt Spoolout

Max: 0.0 [in] at 0.008 [s]

Min: -10.7 [in] at 0.136 [s]



B-45

in

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CFC_180

Time [s]

C25202 - July 24, 2002

2002 301 Test 8 2002 Nissan Altima

Max: 17.9 [g] at 0.006 [s]

Min: -0.9 [g] at 0.135 [s]

Left X Member x

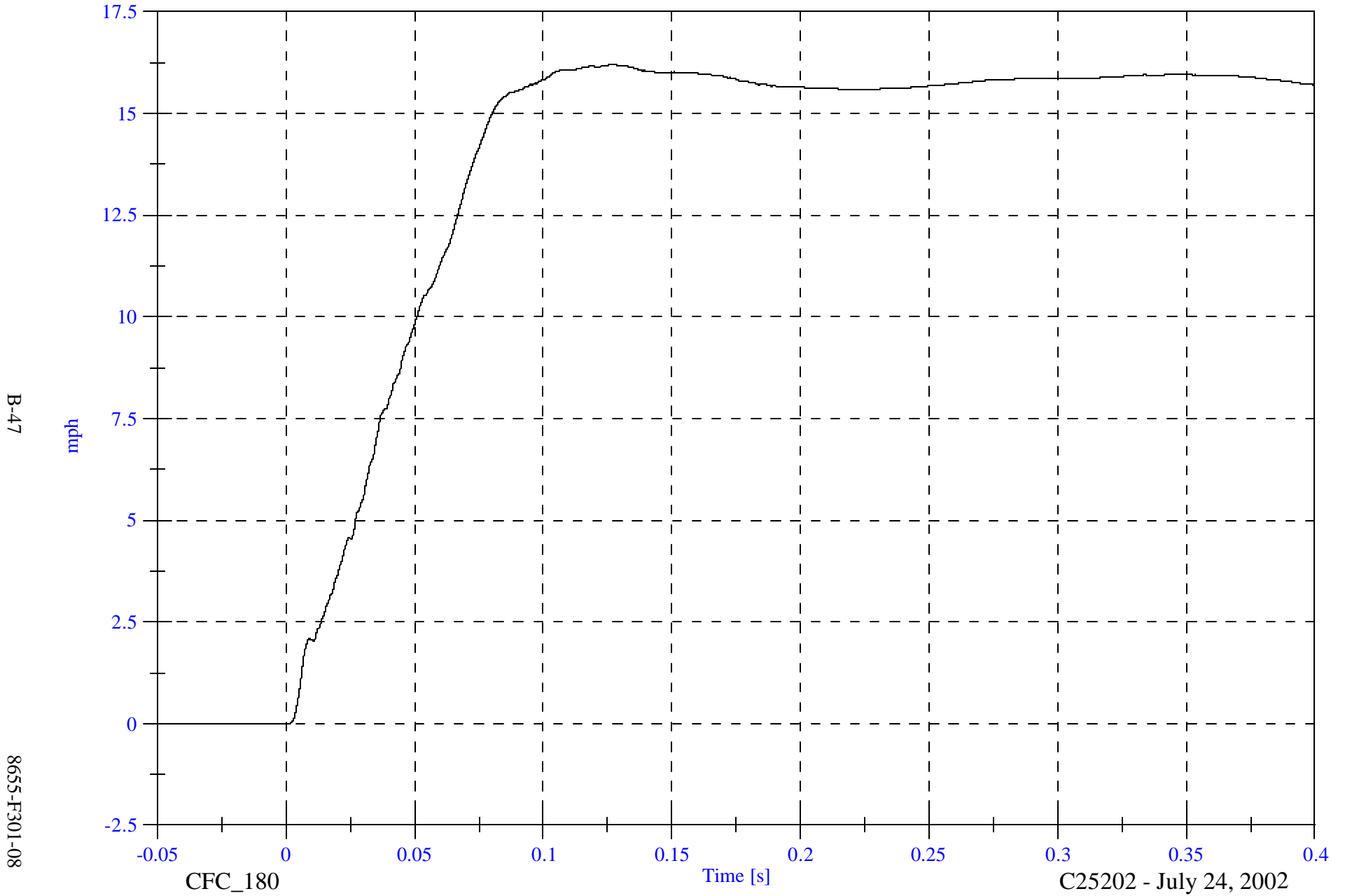


2002 301 Test 8 2002 Nissan Altima

Max: 16.2 [mph] at 0.128 [s]

Min: -0.0 [mph] at -0.040 [s]

Left X Member x Velocity



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CFC_180

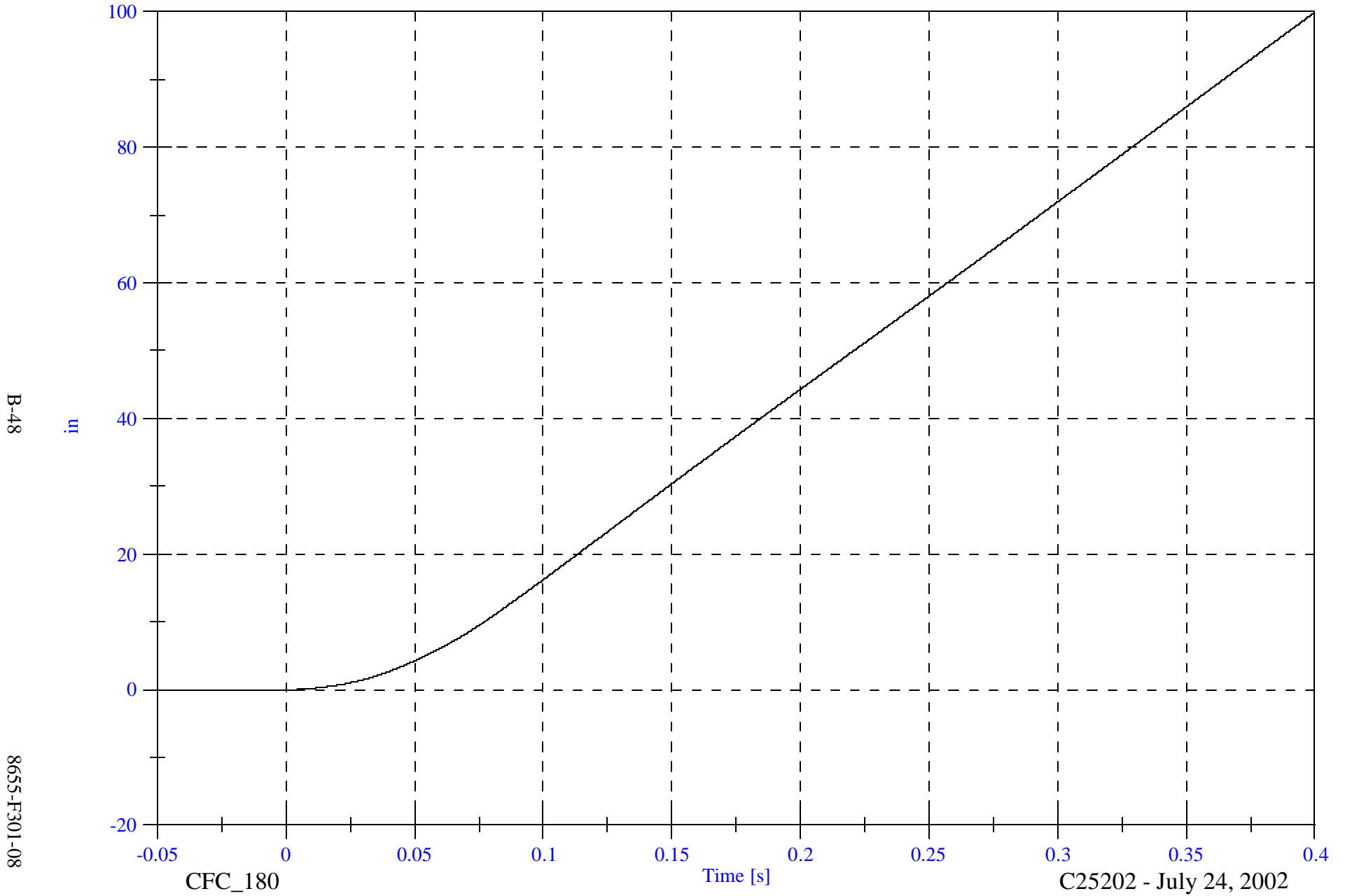
C25202 - July 24, 2002

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Left X Member x Displacement

Max: 99.9 [in] at 0.400 [s]

Min: -0.0 [in] at -0.010 [s]



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CFC_180

Time [s]

C25202 - July 24, 2002

2002 301 Test 8 2002 Nissan Altima

Max: 18.4 [g] at 0.006 [s]

Min: -1.4 [g] at 0.134 [s]

Right X Member x



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CFC_60

Time [s]

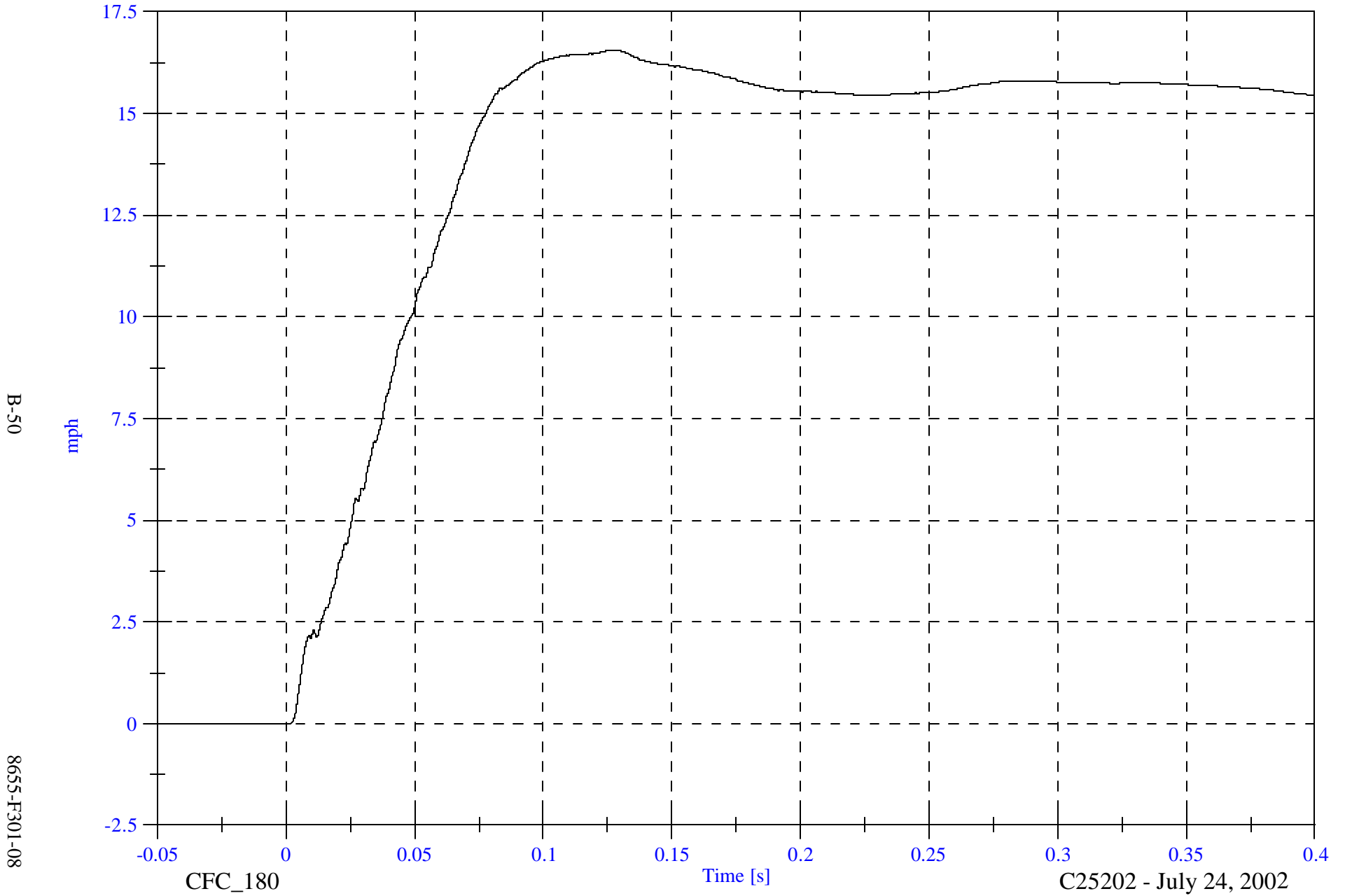
C25202 - July 24, 2002

2002 301 Test 8 2002 Nissan Altima

Max: 16.6 [mph] at 0.128 [s]

Min: -0.0 [mph] at -0.050 [s]

Right X Member x Velocity



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CFC_180

Time [s]

C25202 - July 24, 2002

2002 301 Test 8 2002 Nissan Altima

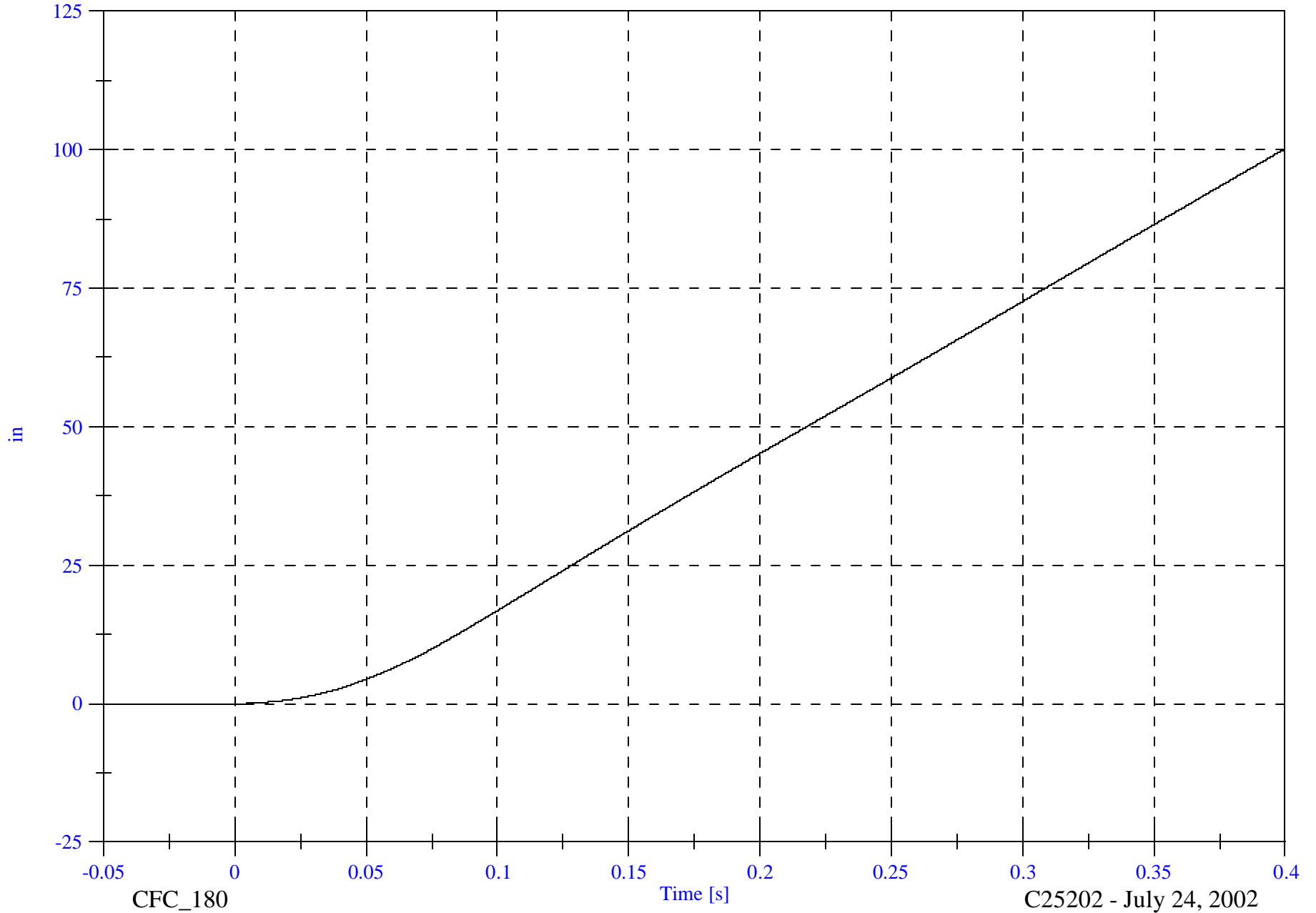
Right X Member x Displacement

Max: 100.2 [in] at 0.400 [s]

Min: -0.0 [in] at -0.010 [s]

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CFC_180

C25202 - July 24, 2002

2002 301 Test 8 2002 Nissan Altima

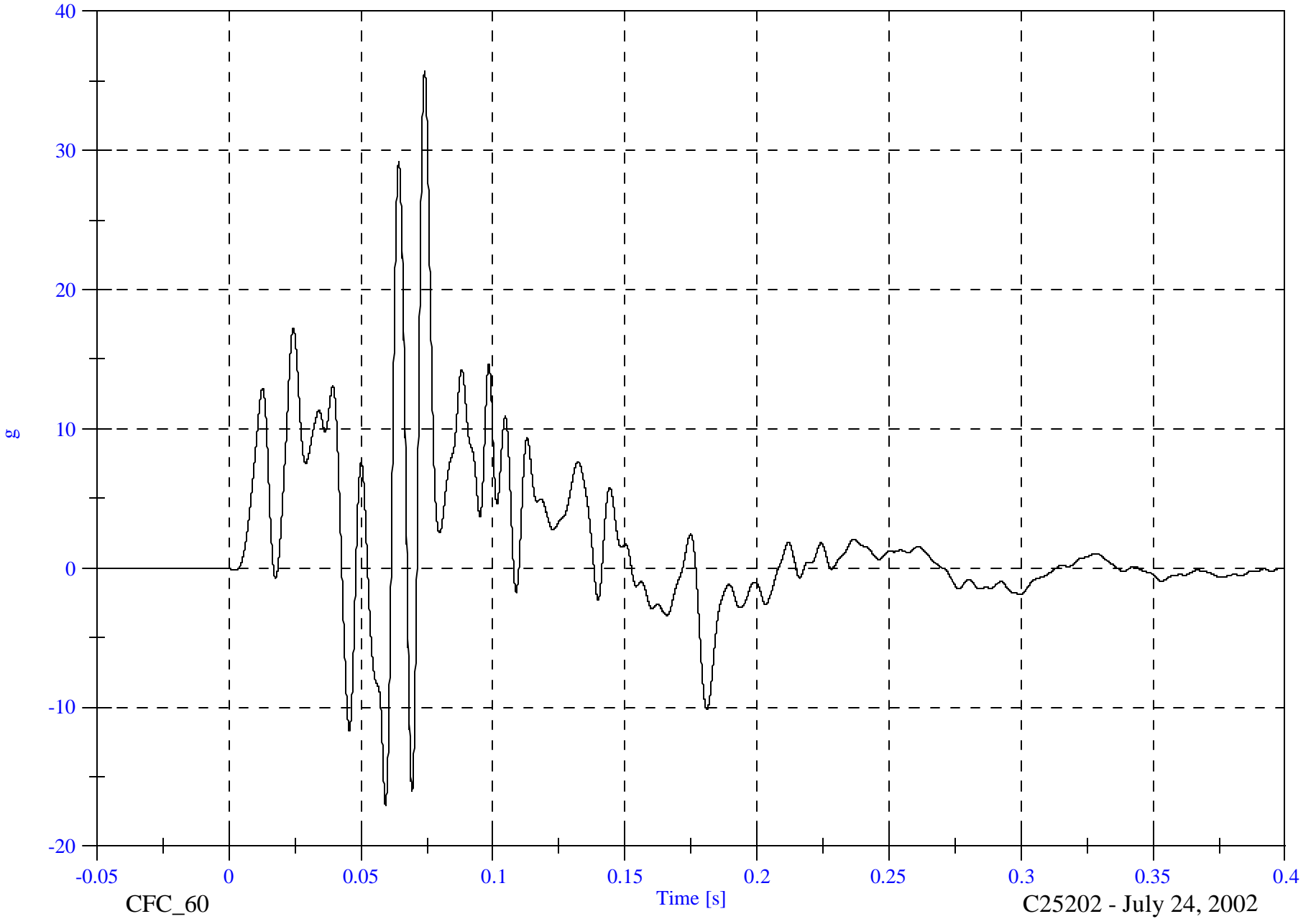
Max: 35.7 [g] at 0.074 [s]

Min: -17.0 [g] at 0.059 [s]

P1 Left Seatback Rail Upper x

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C25202 - July 24, 2002

2002 301 Test 8 2002 Nissan Altima

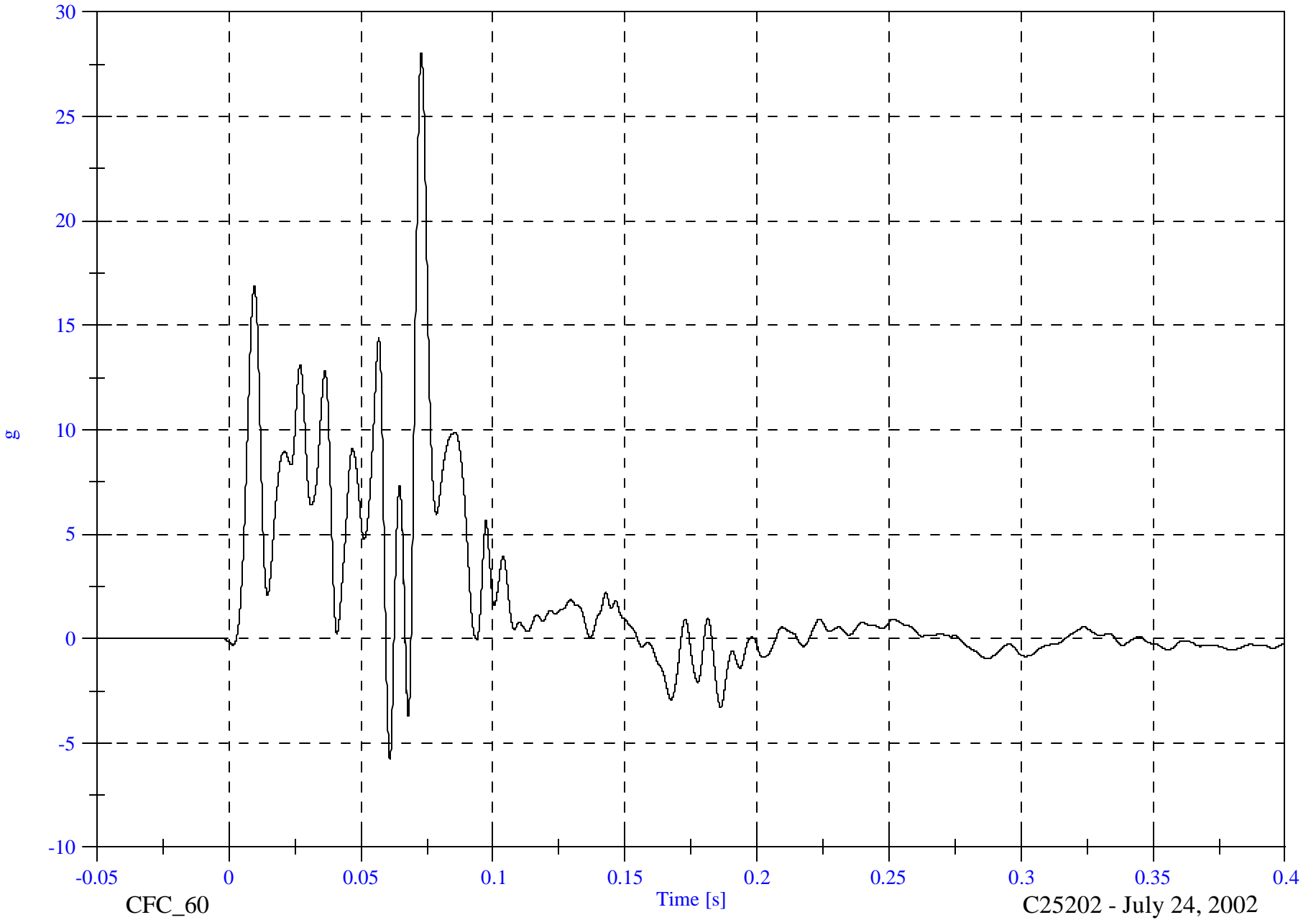
Max: 28.0 [g] at 0.073 [s]

P1 Left Seatback Rail Lower x

Min: -5.8 [g] at 0.061 [s]

B-53

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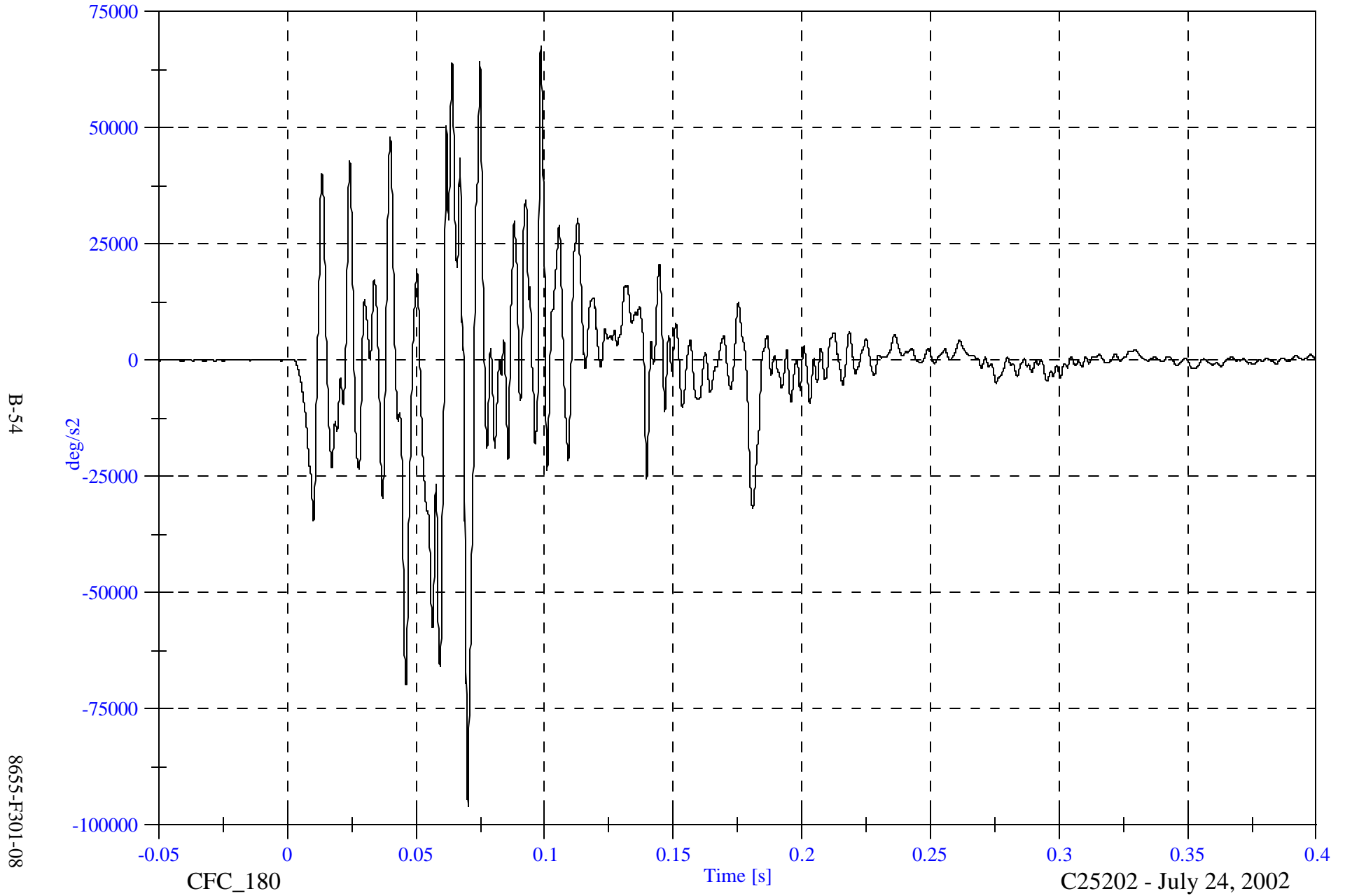


2002 301 Test 8 2002 Nissan Altima

Max: 67630.0 [deg/s²] at 0.099 [s]

P1 Left Seatback Rail Angular Acceleration

Min: -95981.1 [deg/s²] at 0.070 [s]

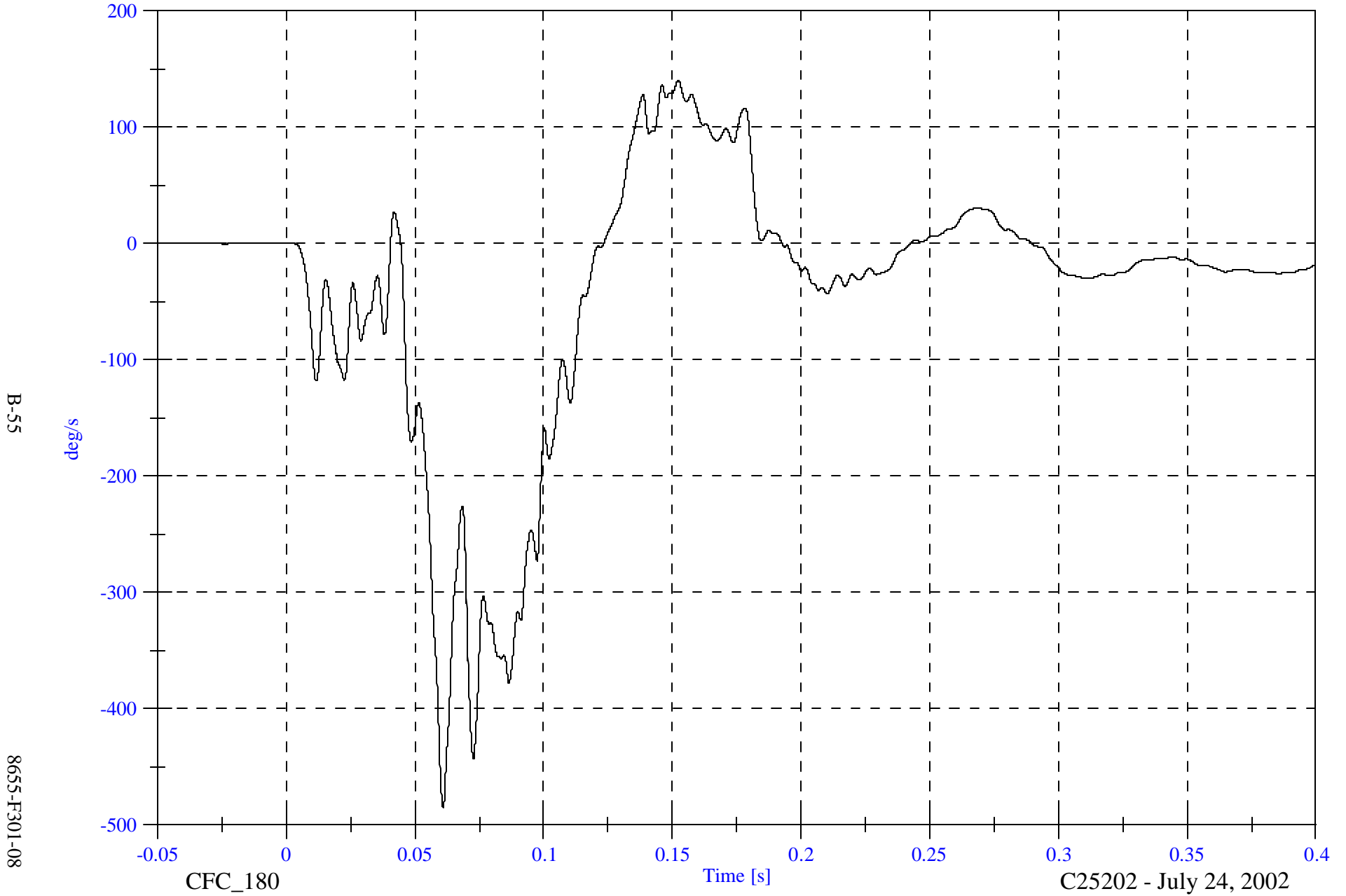


2002 301 Test 8 2002 Nissan Altima

Max: 140.7 [deg/s] at 0.152 [s]

Min: -485.2 [deg/s] at 0.061 [s]

P1 Left Seatback Rail Angular Velocity

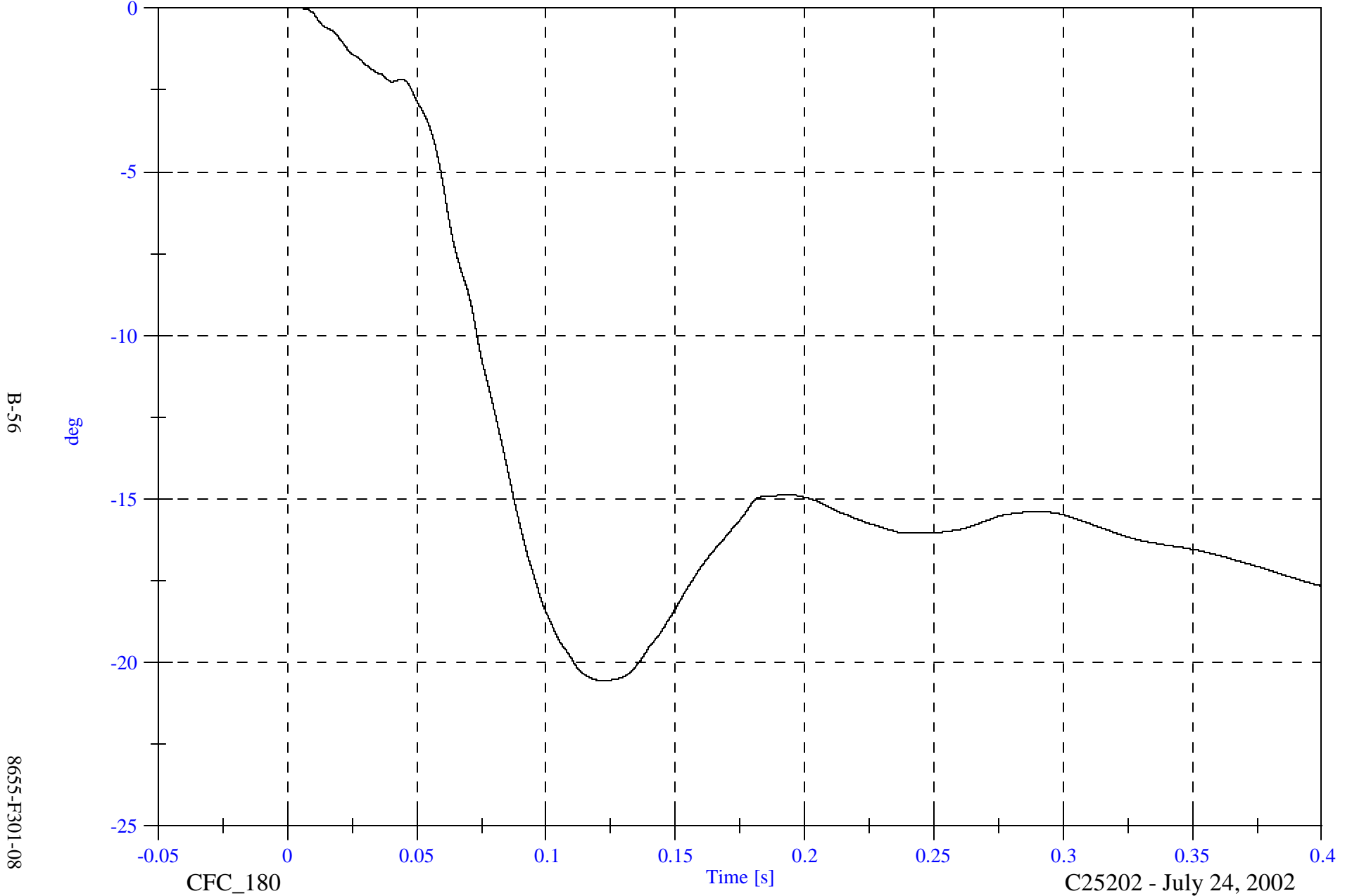


2002 301 Test 8 2002 Nissan Altima

Max: 0.0 [deg] at -0.041 [s]

P1 Left Seatback Rail Angular Position

Min: -20.5 [deg] at 0.123 [s]



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CFC_180

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2002 301 Test 8 2002 Nissan Altima

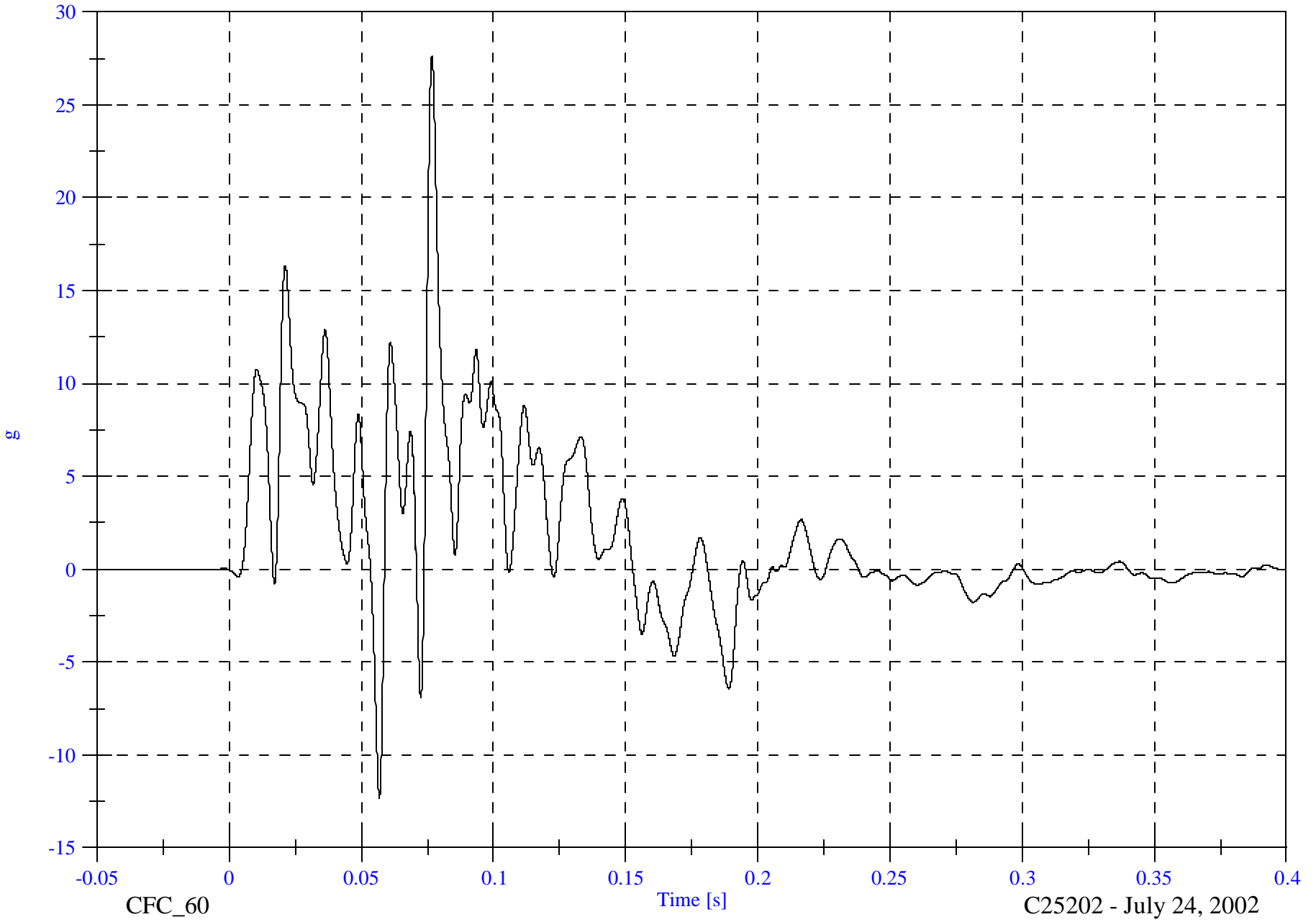
Max: 27.6 [g] at 0.077 [s]

P1 Right Seatback Rail Upper x

Min: -12.3 [g] at 0.057 [s]

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CFC_60

C25202 - July 24, 2002

2002 301 Test 8 2002 Nissan Altima

Max: 32.5 [g] at 0.075 [s]

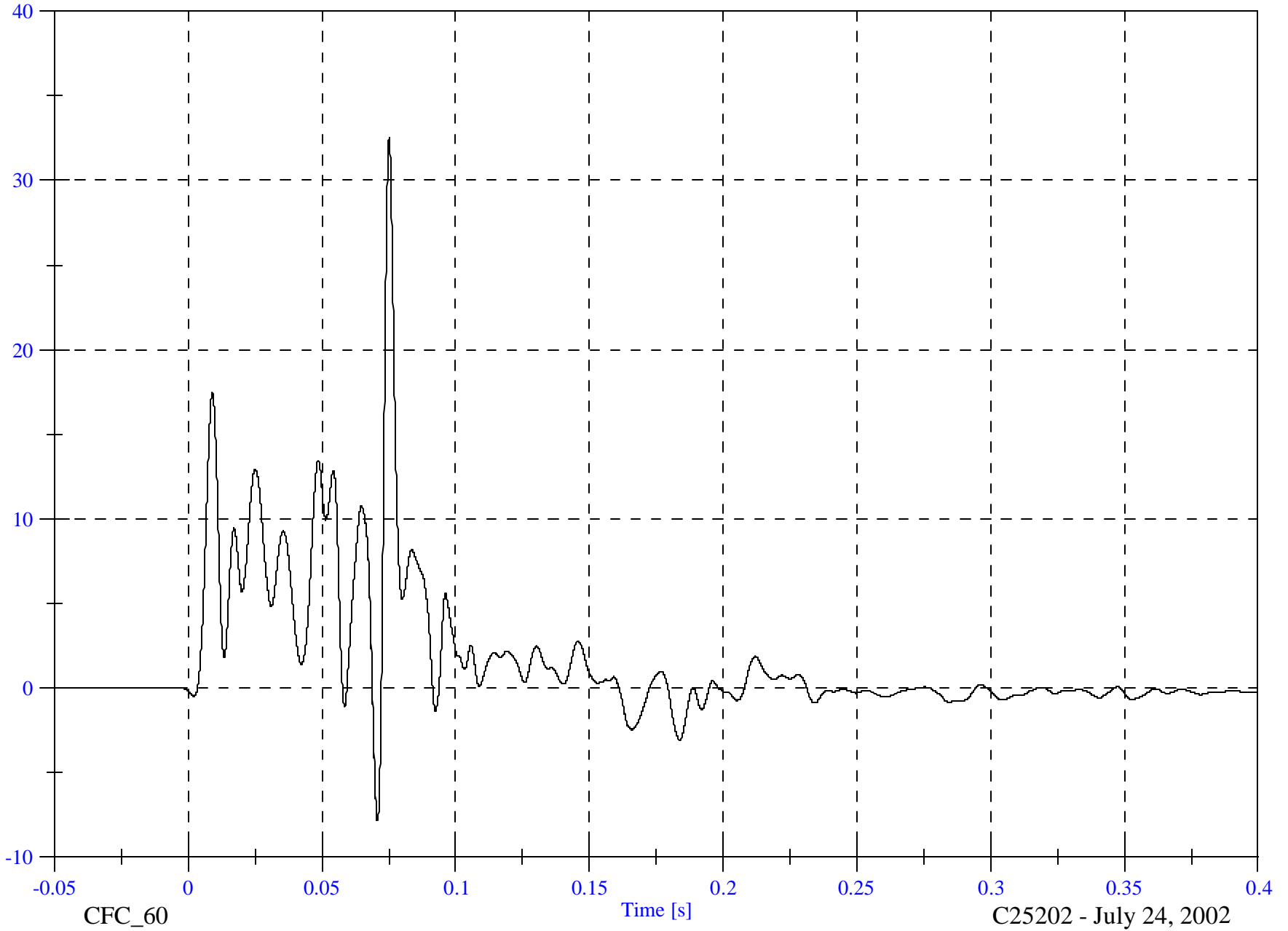
P1 Right Seatback Rail Lower x

Min: -7.8 [g] at 0.071 [s]

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g

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CFC_60

Time [s]

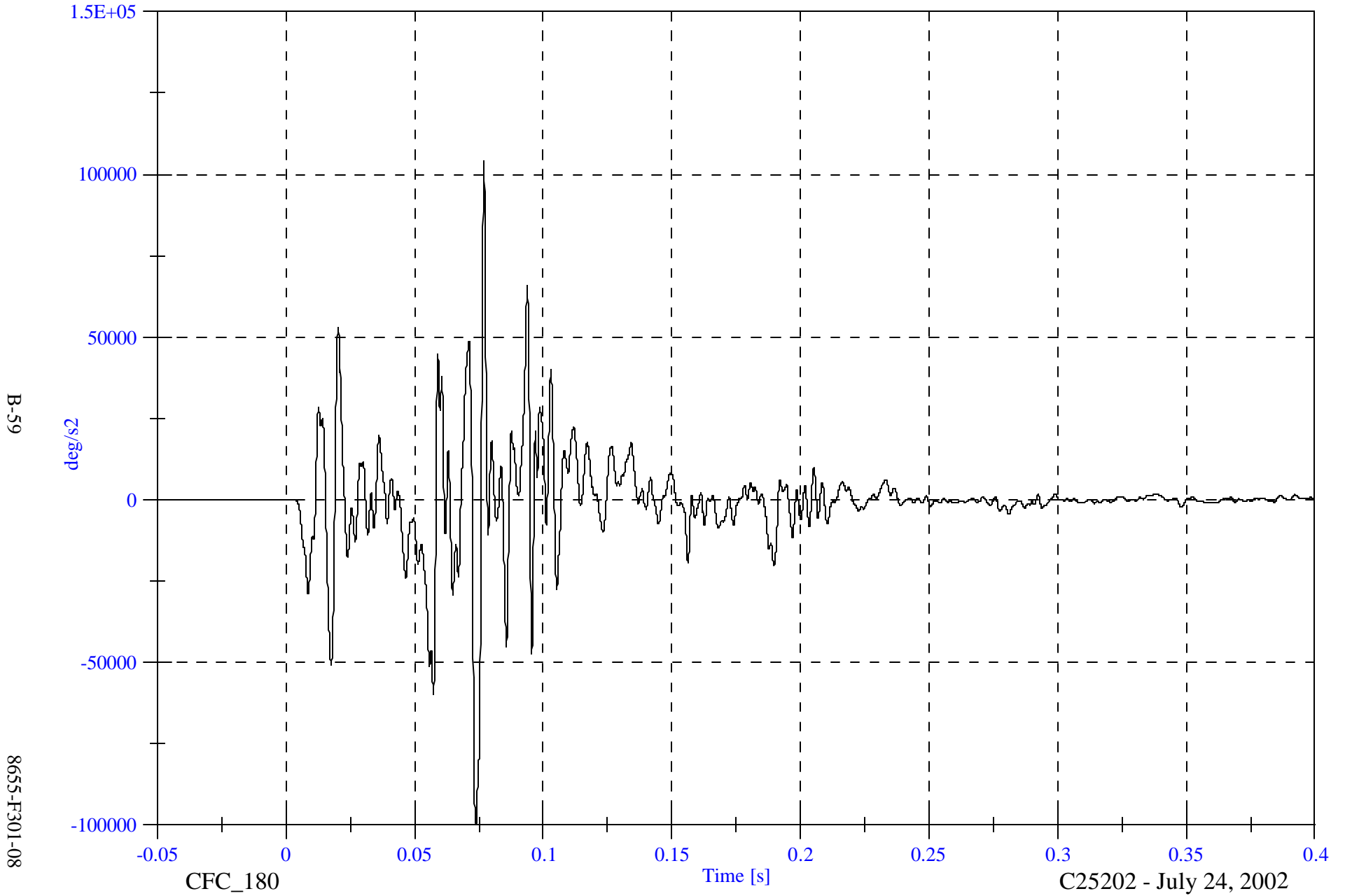
C25202 - July 24, 2002

2002 301 Test 8 2002 Nissan Altima

Max: 104268.2 [deg/s²] at 0.077 [s]

P1 Right Seatback Rail Angular Acceleration

Min: -99382.4 [deg/s²] at 0.074 [s]



2002 301 Test 8 2002 Nissan Altima

Max: 116.8 [deg/s] at 0.152 [s]

P1 Right Seatback Rail Angular Velocity

Min: -446.1 [deg/s] at 0.076 [s]



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CFC_180

Time [s]

C25202 - July 24, 2002

2002 301 Test 8 2002 Nissan Altima

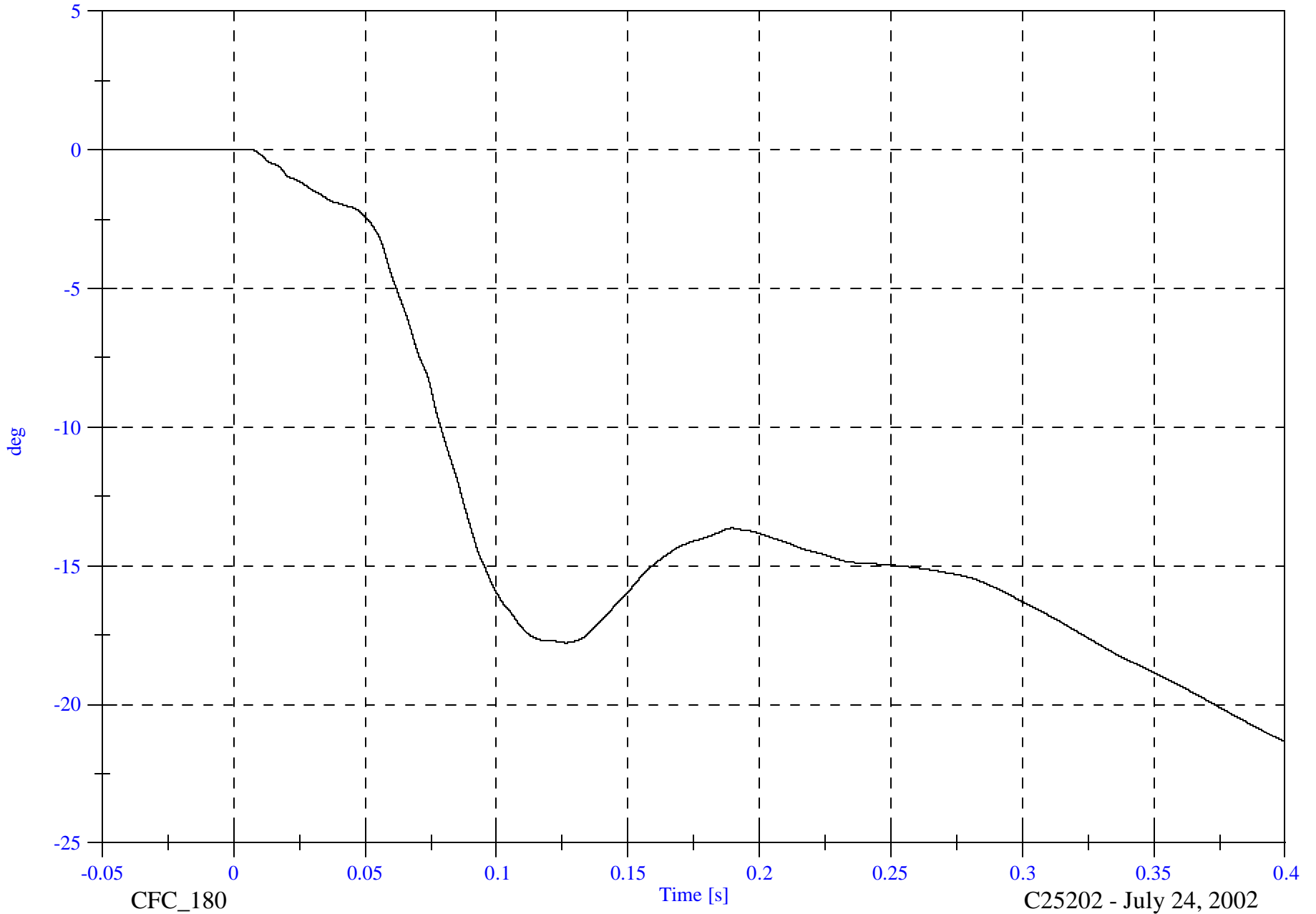
Max: 0.0 [deg] at -0.010 [s]

P1 Right Seatback Rail Angular Position

Min: -21.3 [deg] at 0.400 [s]

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8655-F301-08



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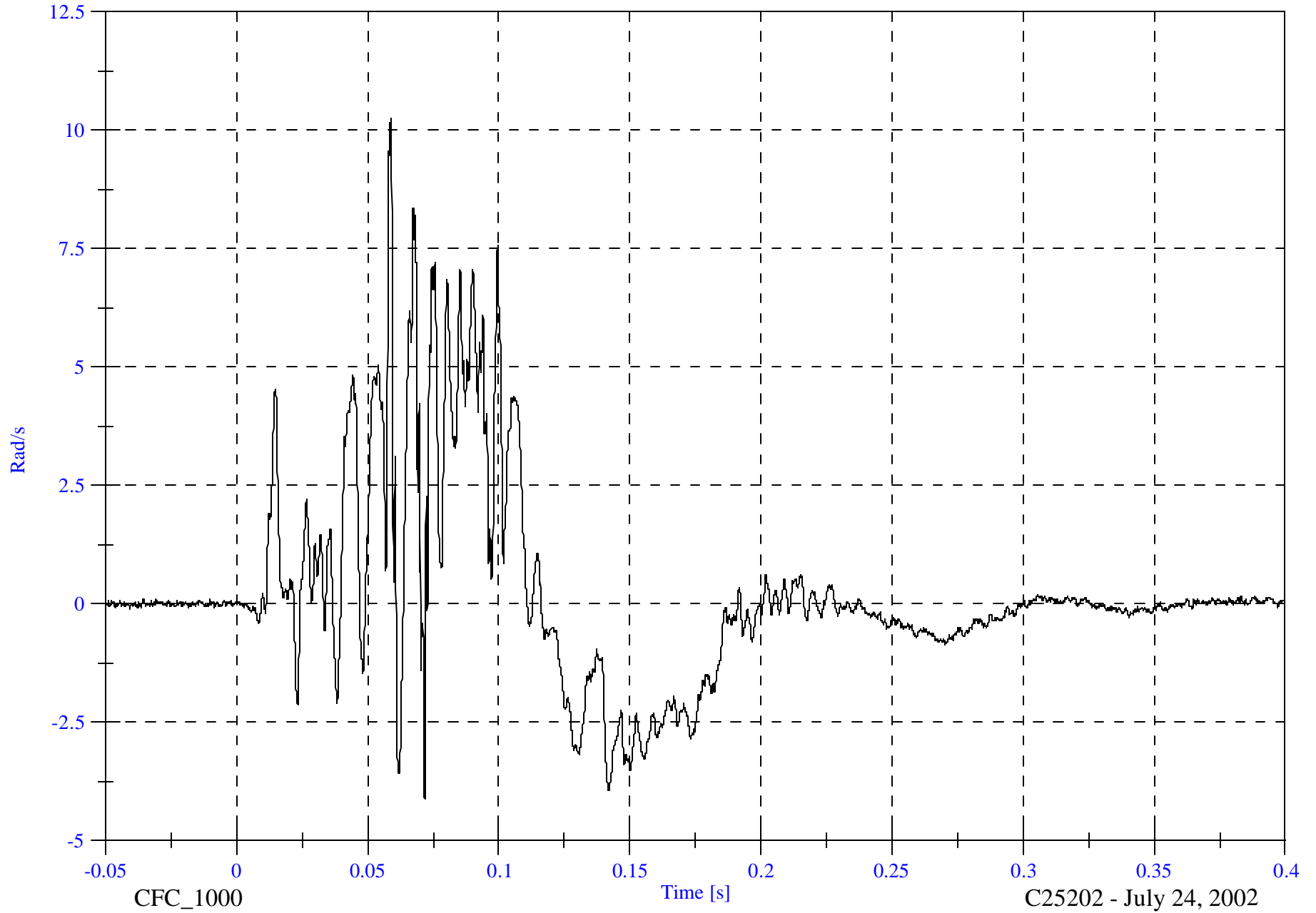
Max: 10.3 [Rad/s] at 0.059 [s]

P1 Left Seatback Rail Angular Velocity

Min: -4.1 [Rad/s] at 0.072 [s]

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Max: 14.7 [Rad/s] at 0.077 [s]

P1 Right Seatback Rail Angular Velocity

Min: -23.9 [Rad/s] at 0.021 [s]

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Max: 1.6 [Rad/s] at 0.129 [s]

Min: -2.2 [Rad/s] at 0.070 [s]

Left Sill Angular Velocity

