

Result of eigenvalue analysis
Mode Eigenfrequency [Hz] Period [s]

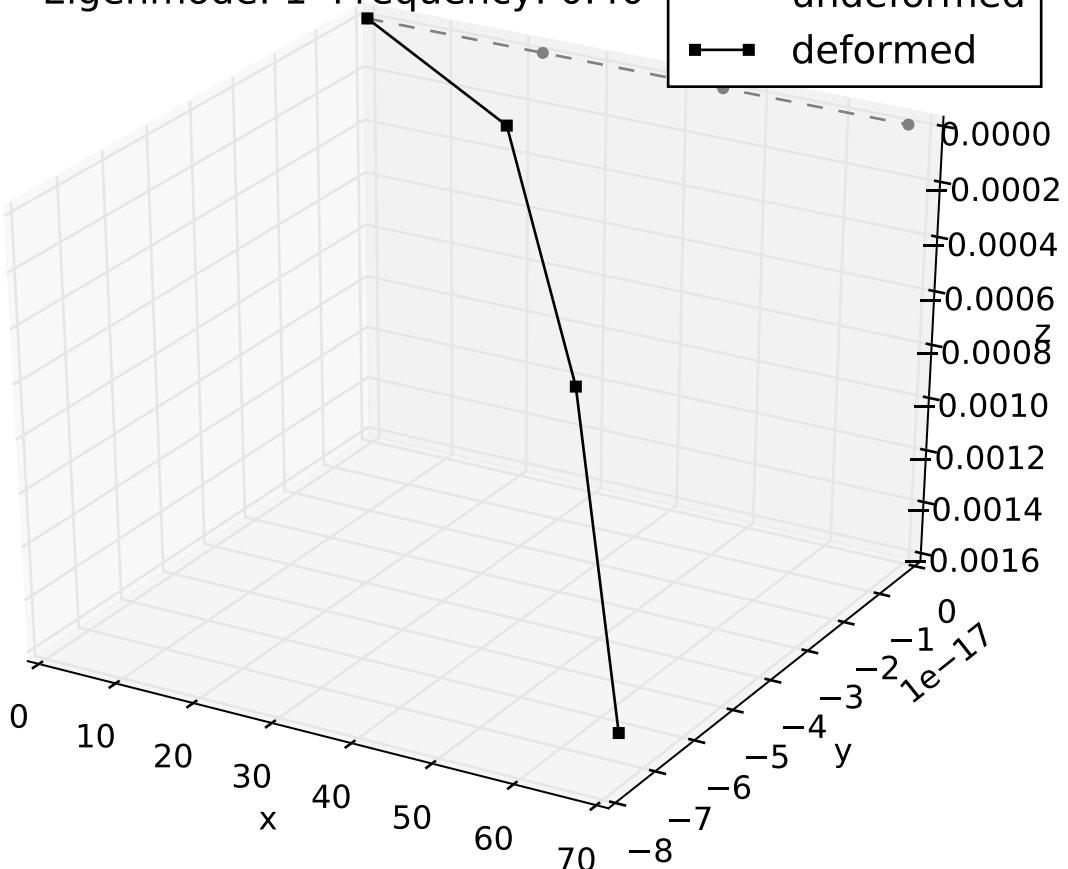
Mode	Eigenfrequency [Hz]	Period [s]
1	0.40000	2.50001
2	0.61906	1.61536
3	2.07182	0.48267
4	3.09724	0.32287
5	5.53358	0.18071
6	8.06630	0.12397
7	8.11569	0.12322
8	12.76732	0.07832
9	12.99572	0.07695
10	18.72238	0.05341
11	21.76275	0.04595
12	22.97093	0.04353
13	33.42191	0.02992
14	38.09273	0.02625
15	38.41427	0.02603

Result of decoupled eigenmode identification for the first 15 mode(s)

ConsideredModes	Mode	TypeCounter	Eigenfrequency [Hz]	Type	EffModalMass [kg] or [kg*m^2]	RelPart EffModalMass/TotalMass
1	1	1	0.400	sway_y	1523144.942	0.629
2	3	2	2.072	sway_y	49085.554	0.020
3	5	3	5.534	sway_y	642022.423	0.265
4	8	4	12.767	sway_y	287662.787	0.119
5	12	5	22.971	sway_y	442082.072	0.183
6	2	1	0.619	sway_z	1487256.037	0.614
7	4	2	3.097	sway_z	50730.852	0.021
8	6	3	8.066	sway_z	654942.632	0.271
9	10	4	18.722	sway_z	269994.841	0.112
10	13	5	33.422	sway_z	496816.256	0.205
11	7	1	8.116	torsional	7309451.678	0.732
12	11	2	21.763	torsional	2734404.783	0.274
13	15	3	38.414	torsional	910114.367	0.091
14	9	1	12.996	longitudinal	2077605.456	0.858
15	14	2	38.093	longitudinal	104884.882	0.043

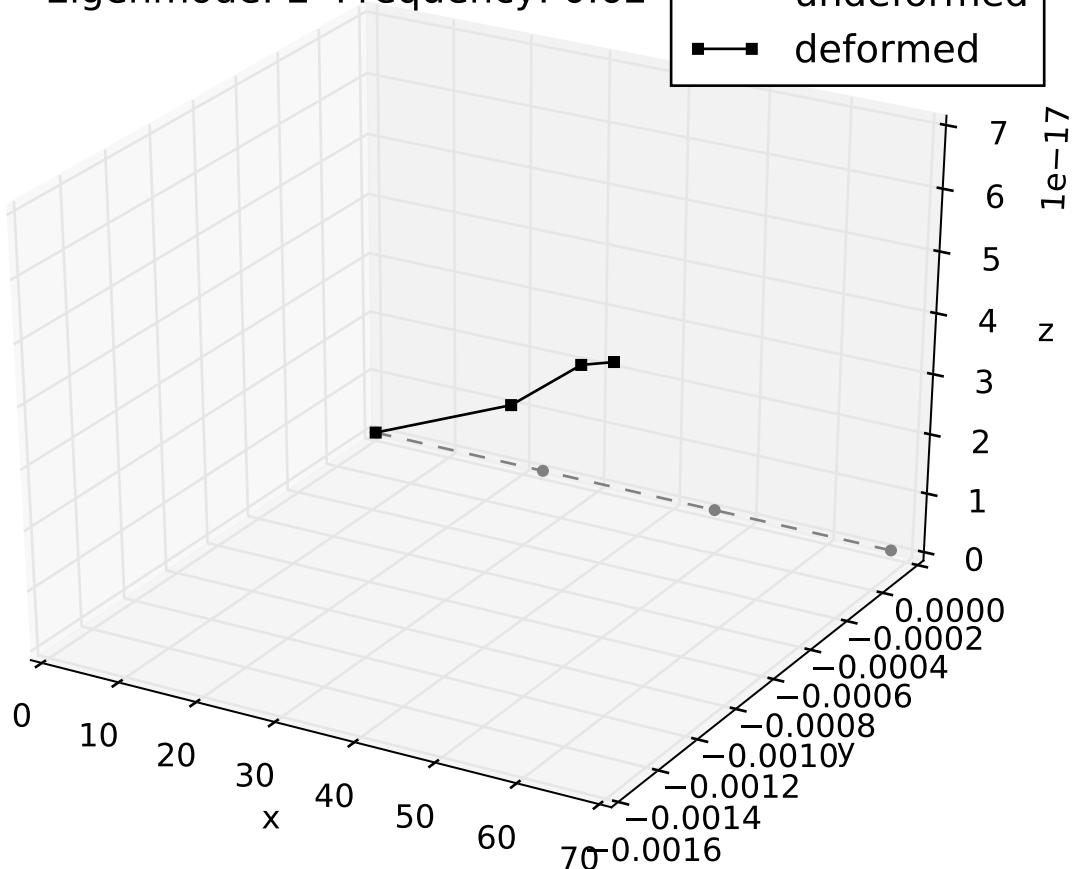
Eigenmode: 1 Frequency: 0.40

• -• undeformed
■ -■ deformed



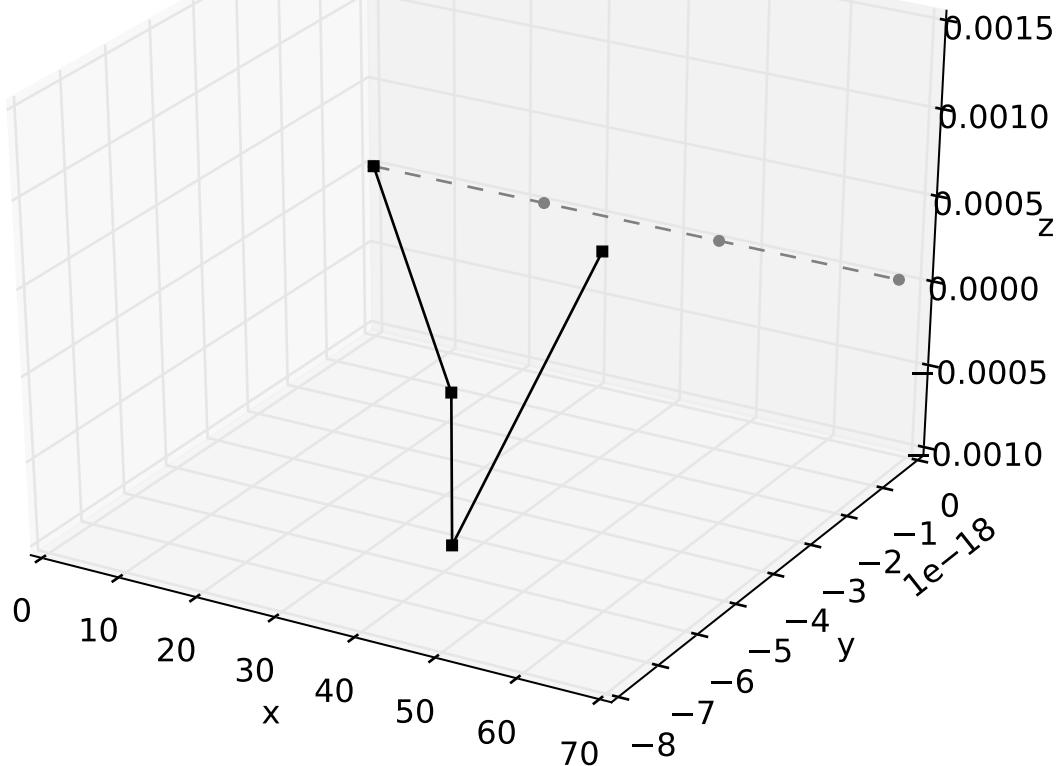
Eigenmode: 2 Frequency: 0.62

- - -• undefomed
- - ■ deformed

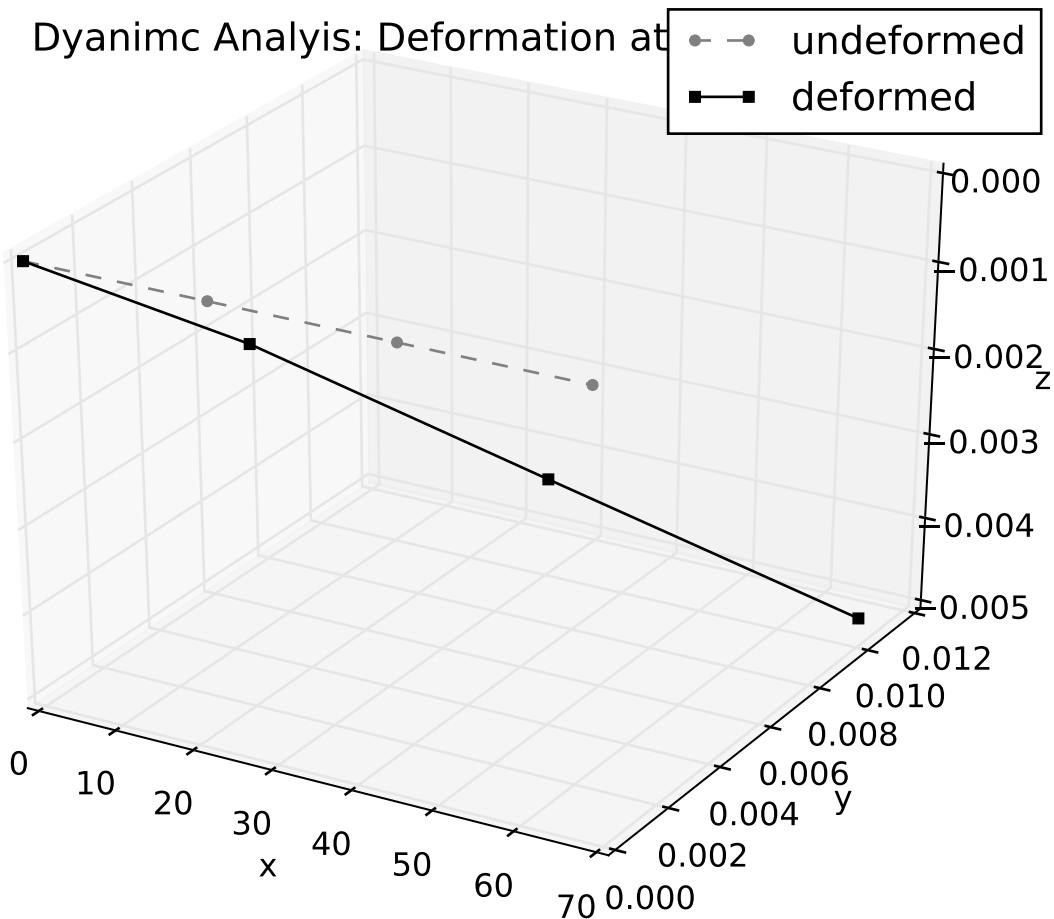


Eigenmode: 3 Frequency: 2.07

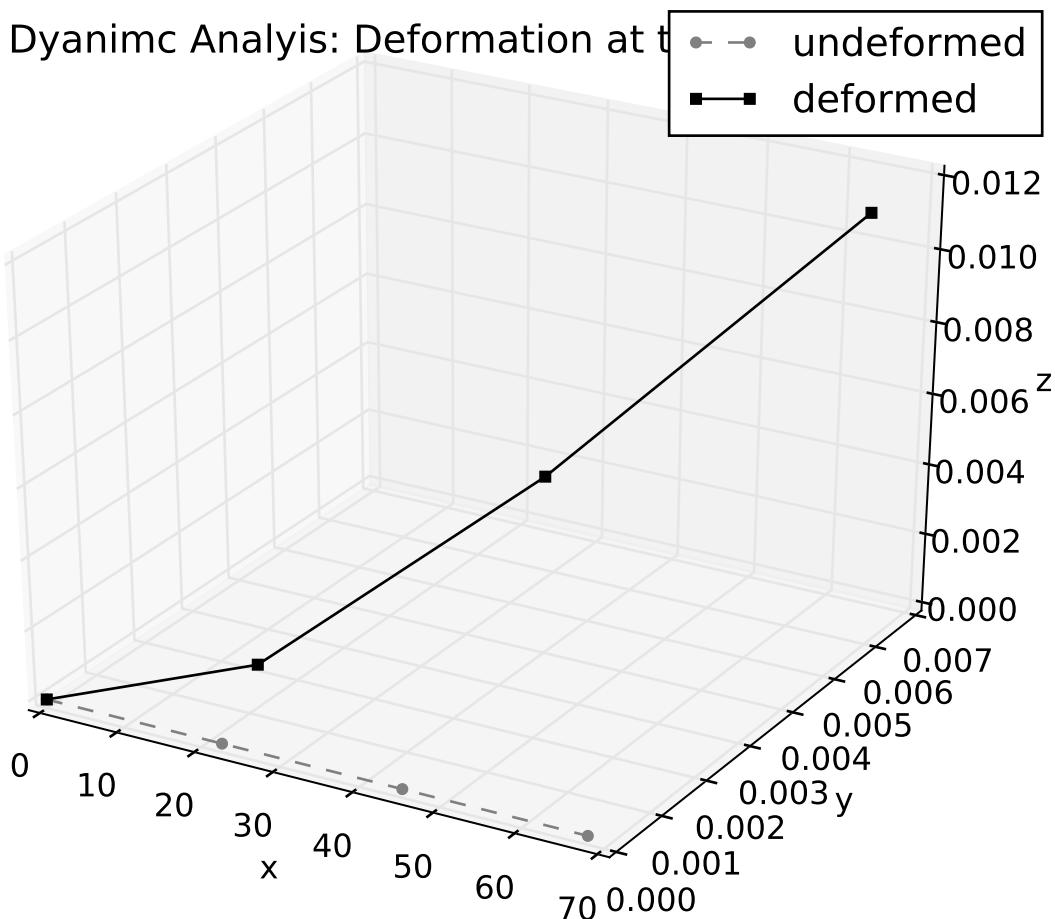
- - - • undefomed
- - ■ deformed



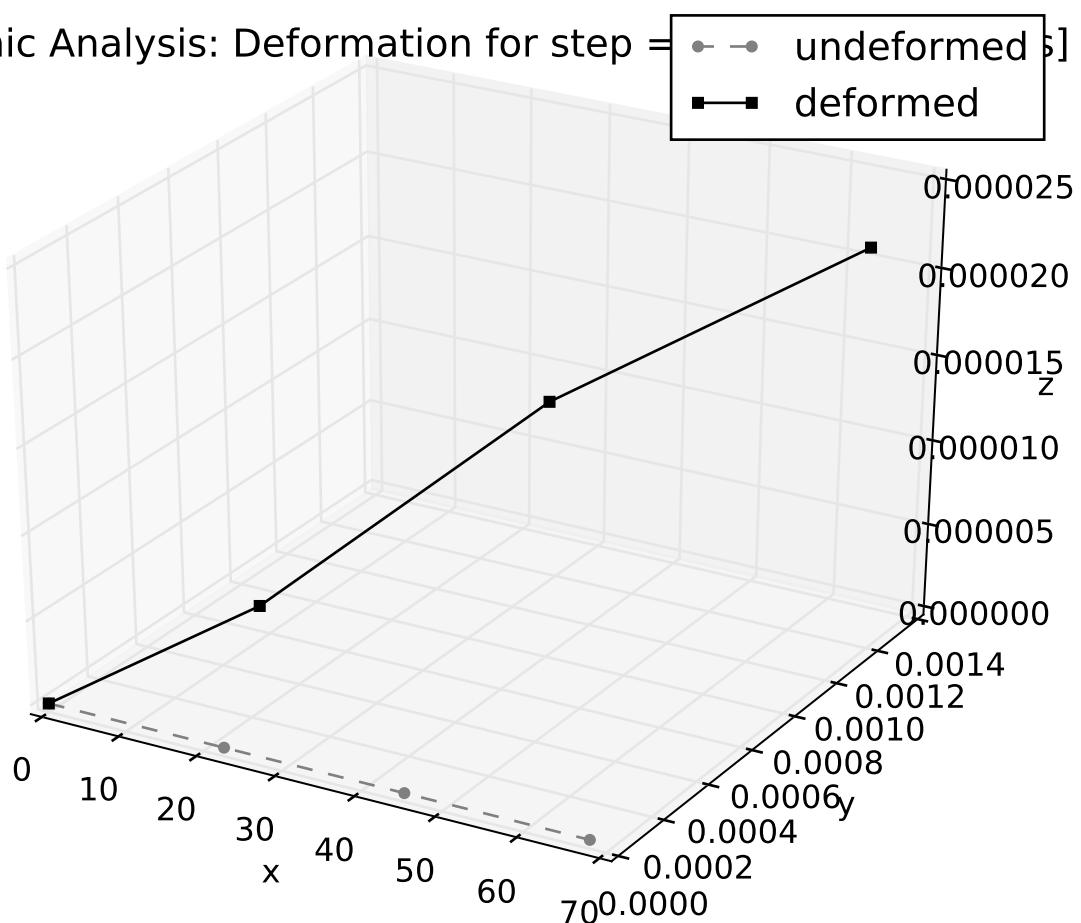
Dyanimc Analysis: Deformation at



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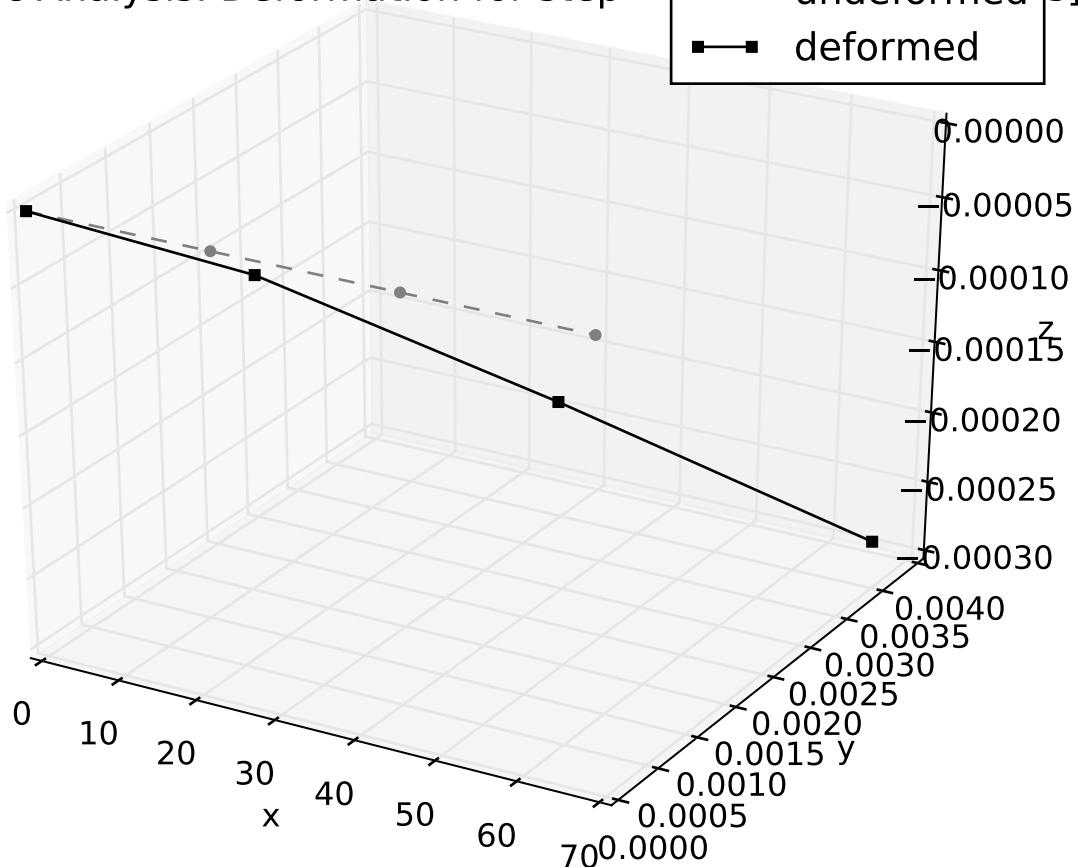


Dynamic Analysis: Deformation for step = 5]

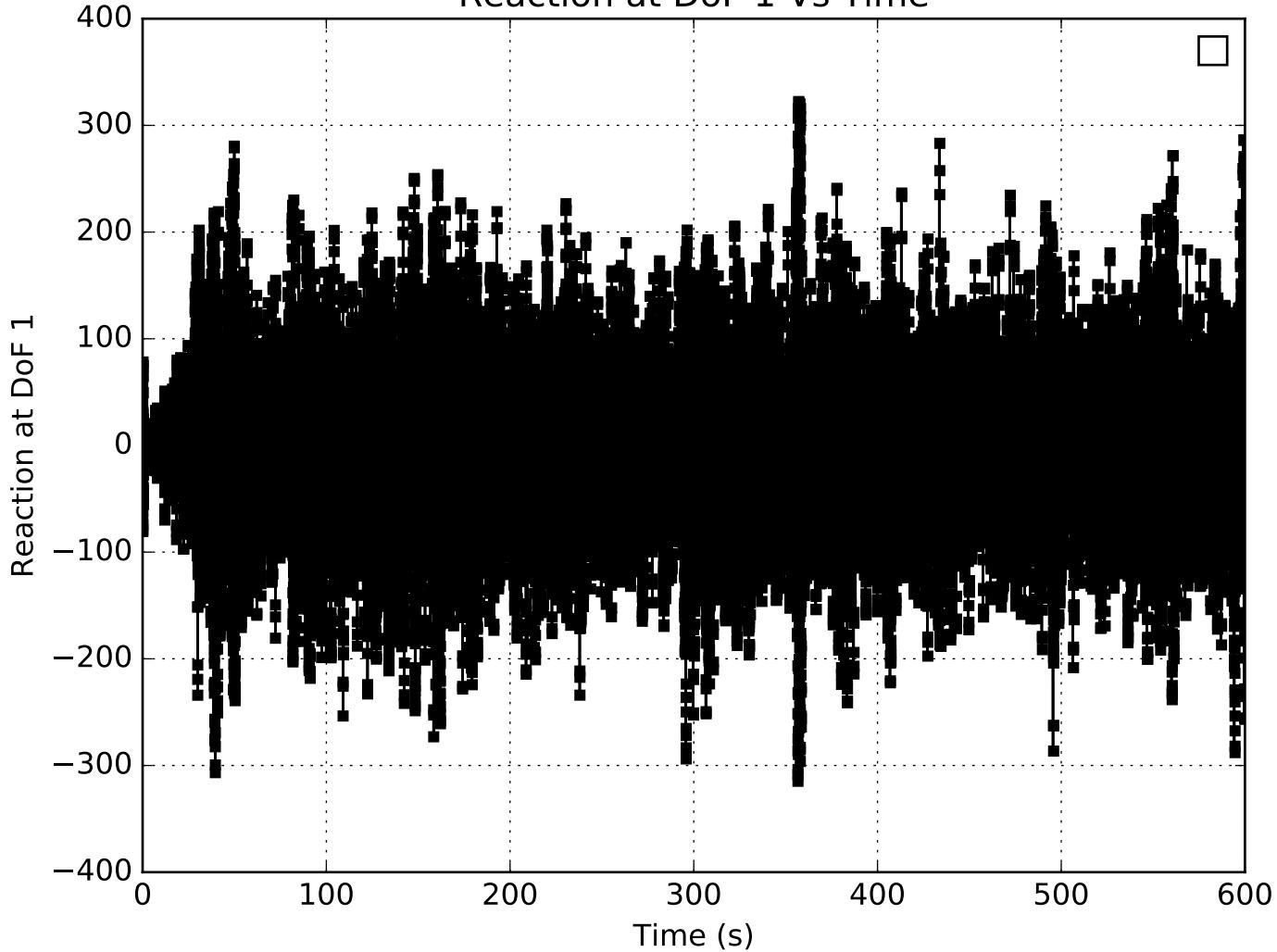


Dynamic Analysis: Deformation for step =

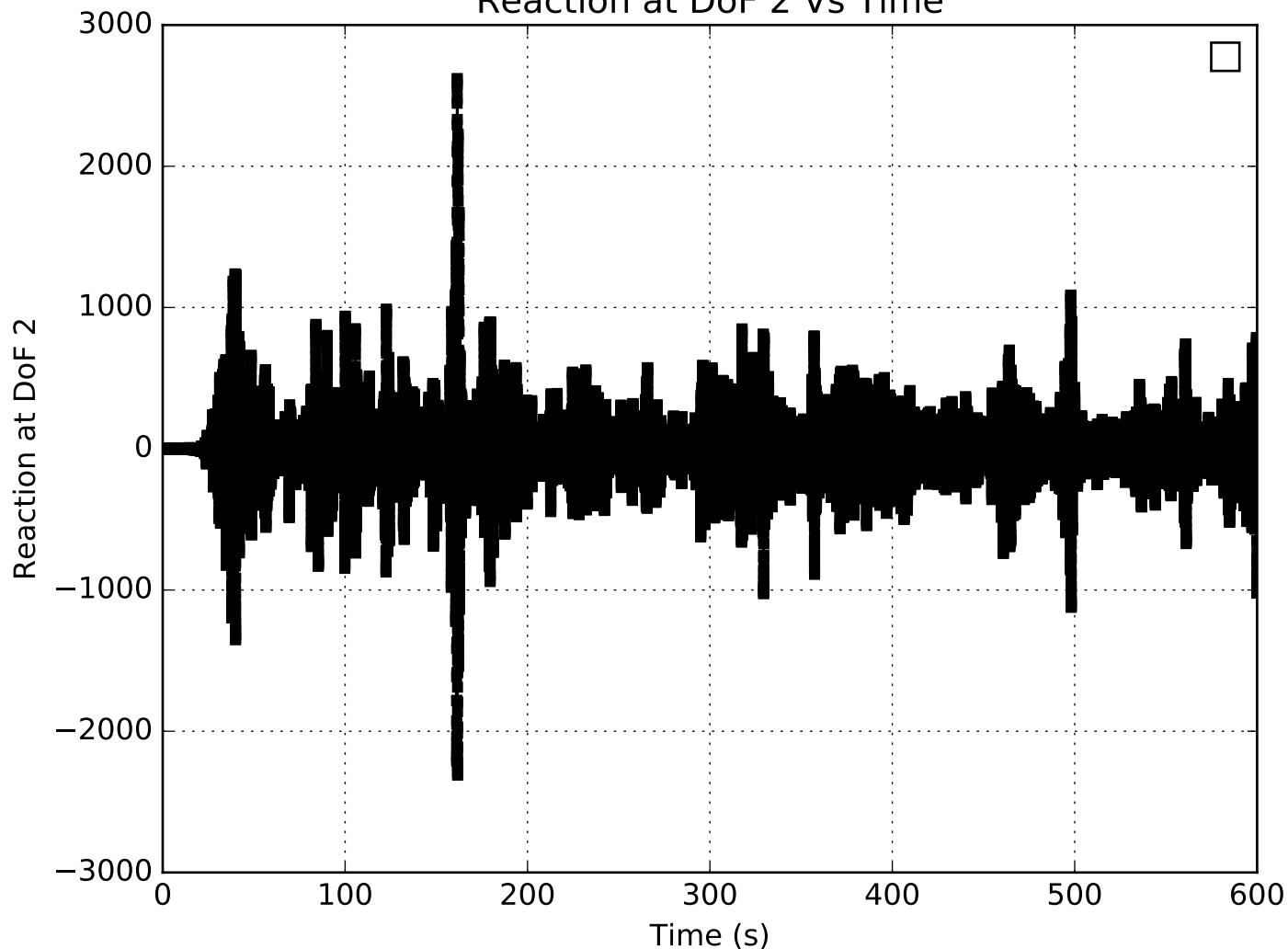
- -• undeformed [s]
- -■ deformed



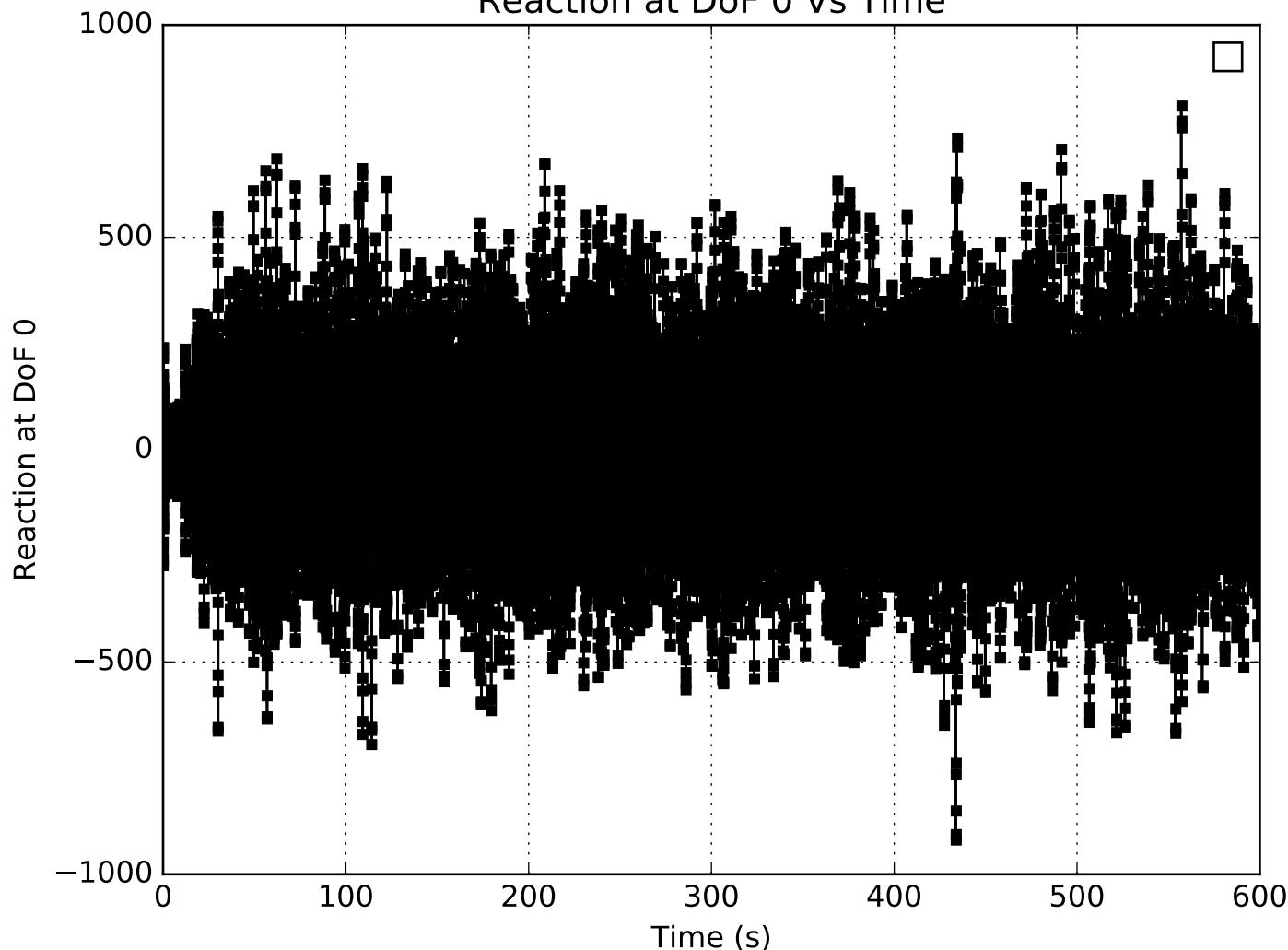
Reaction at DoF 1 Vs Time



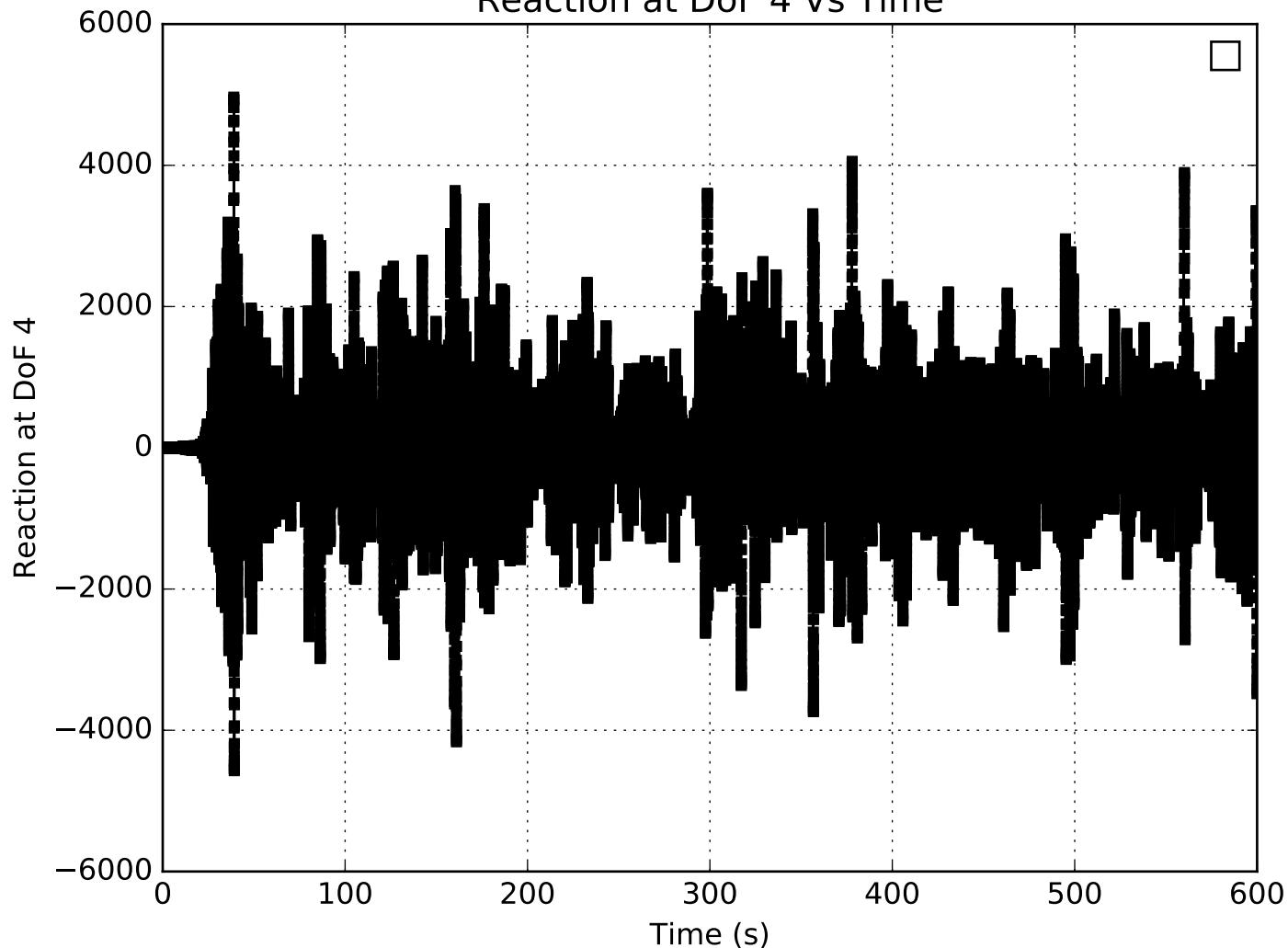
Reaction at DoF 2 Vs Time



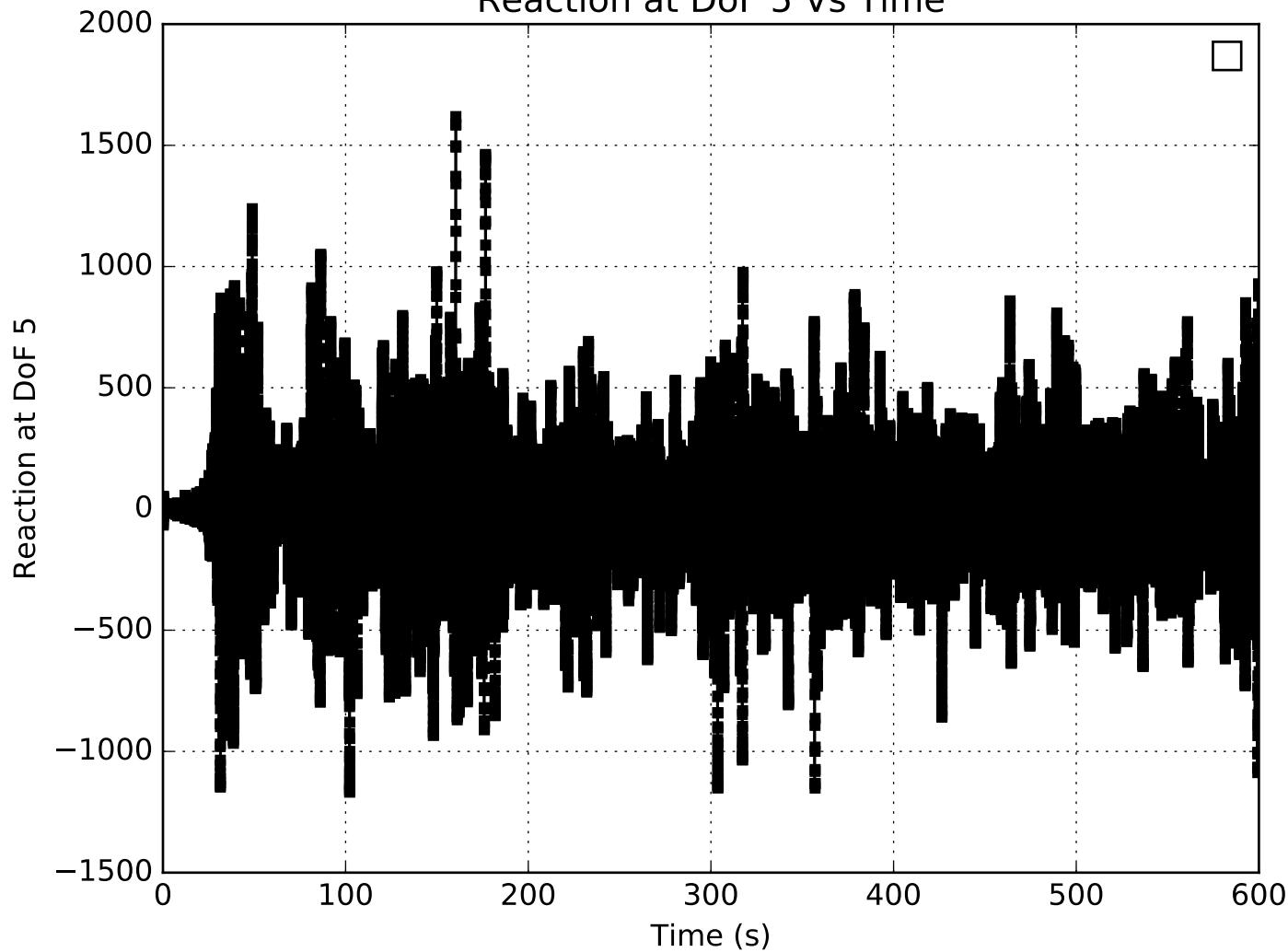
Reaction at DoF 0 Vs Time



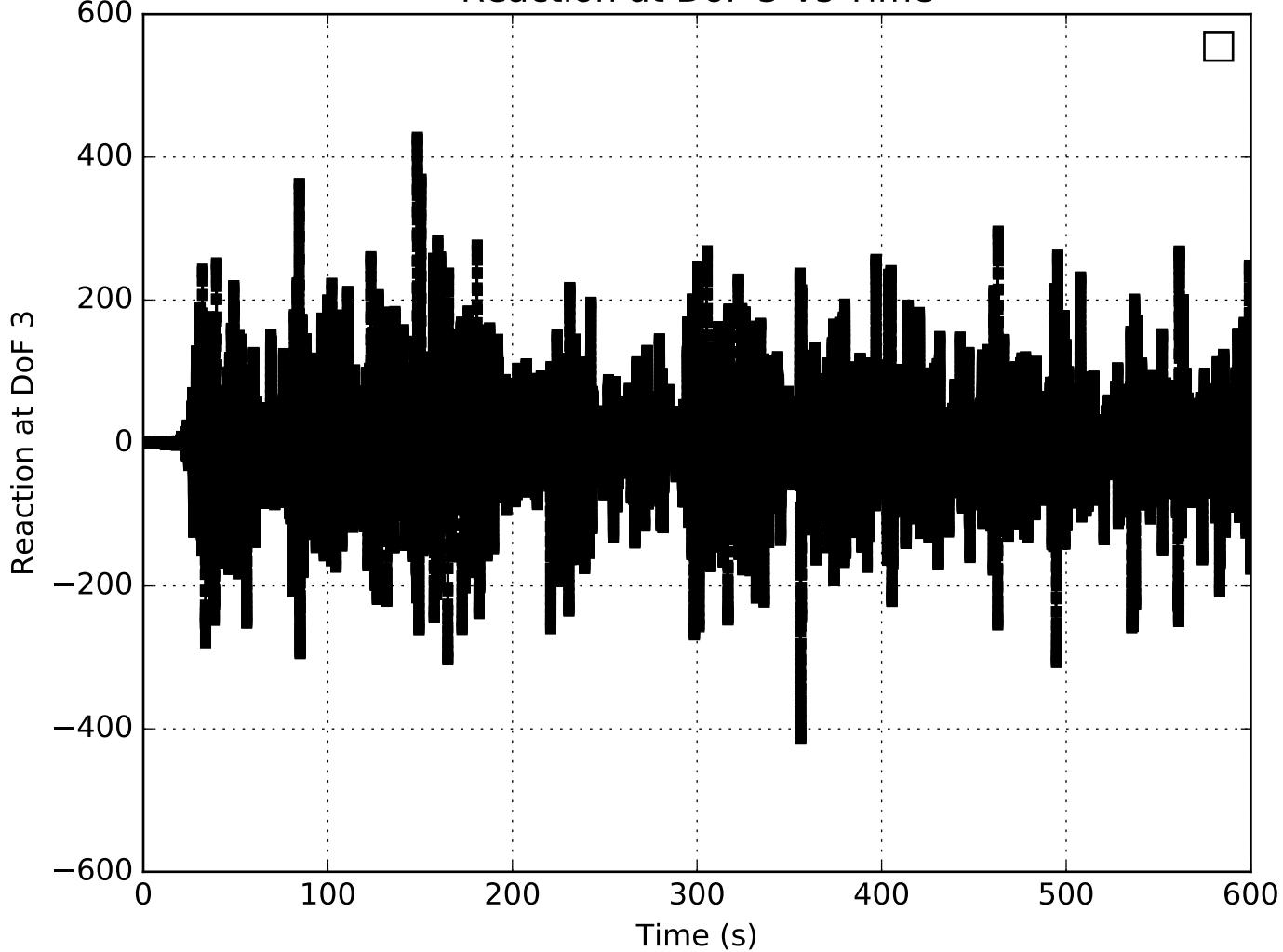
Reaction at DoF 4 Vs Time



Reaction at DoF 5 Vs Time

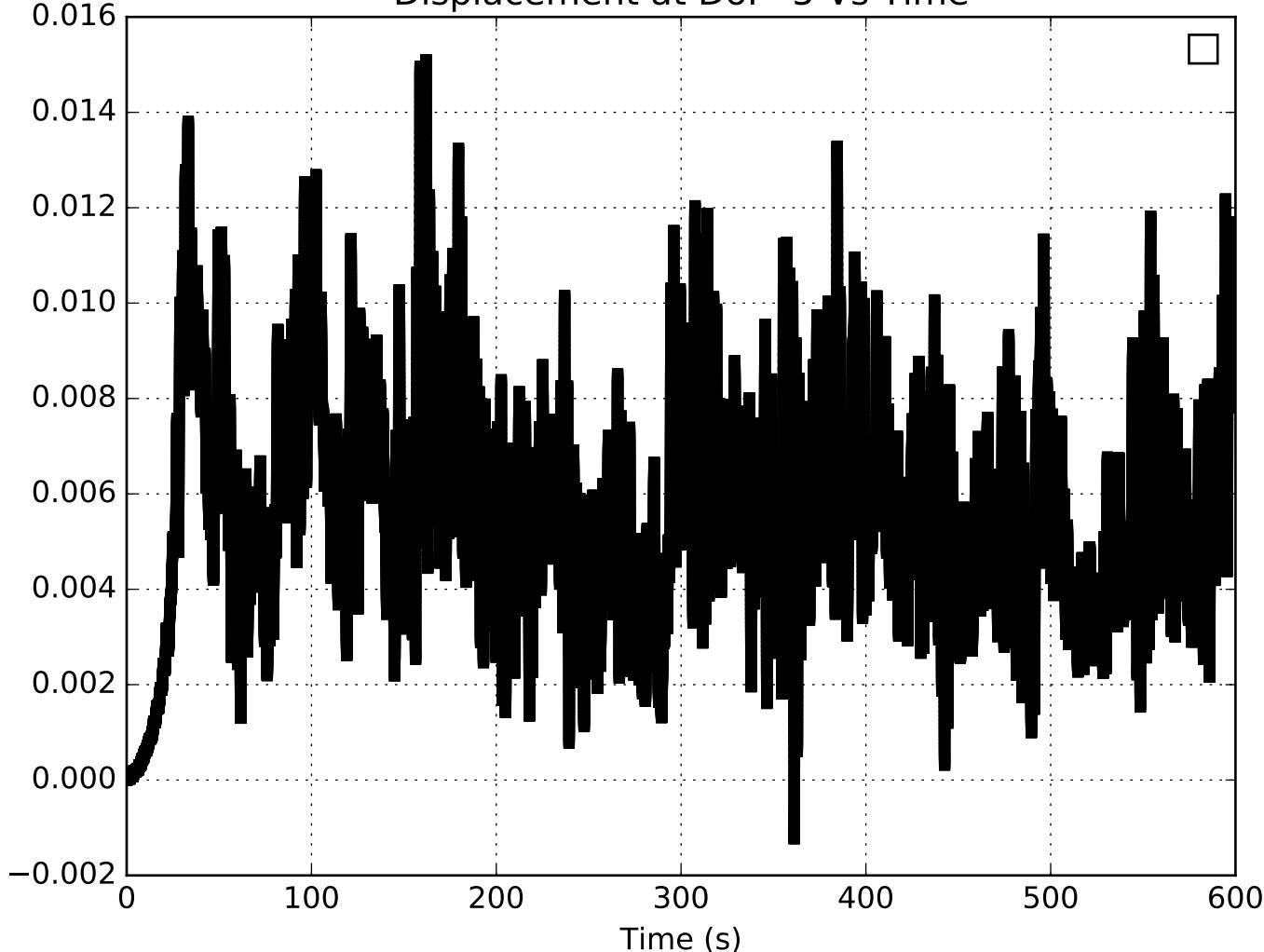


Reaction at DoF 3 Vs Time

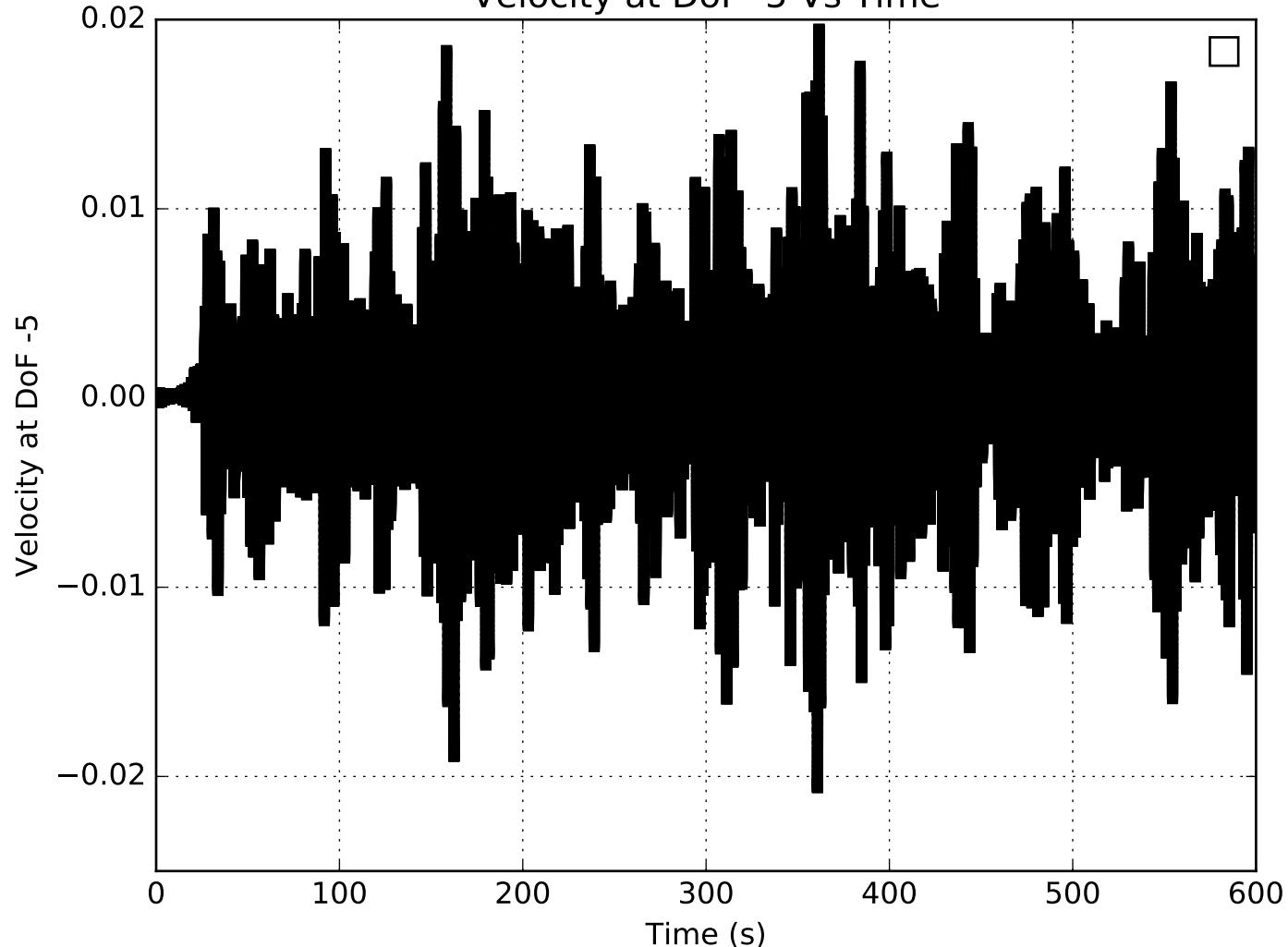


Displacement at DoF -5 Vs Time

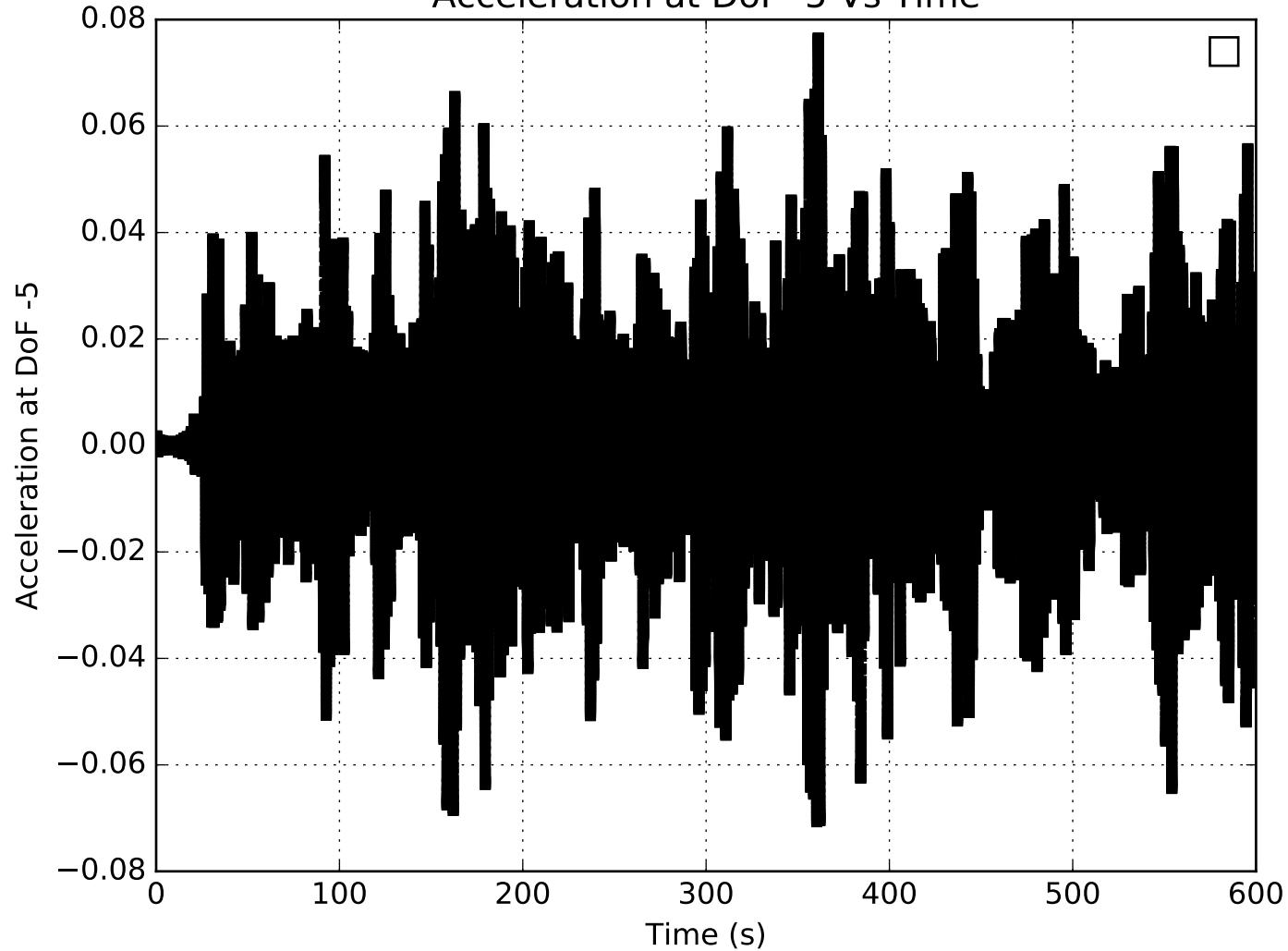
Displacement at DoF -5



Velocity at DoF -5 Vs Time

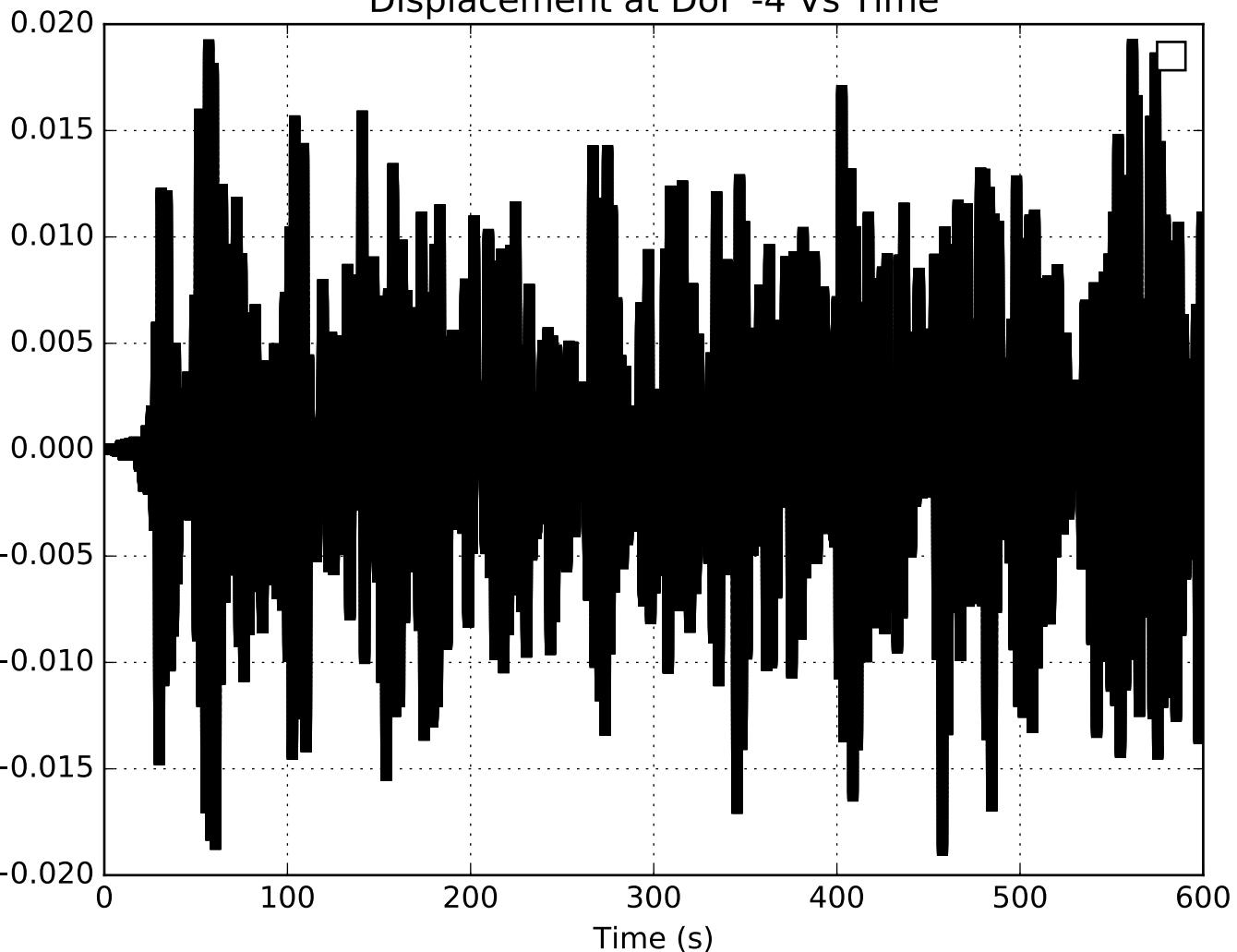


Acceleration at DoF -5 Vs Time

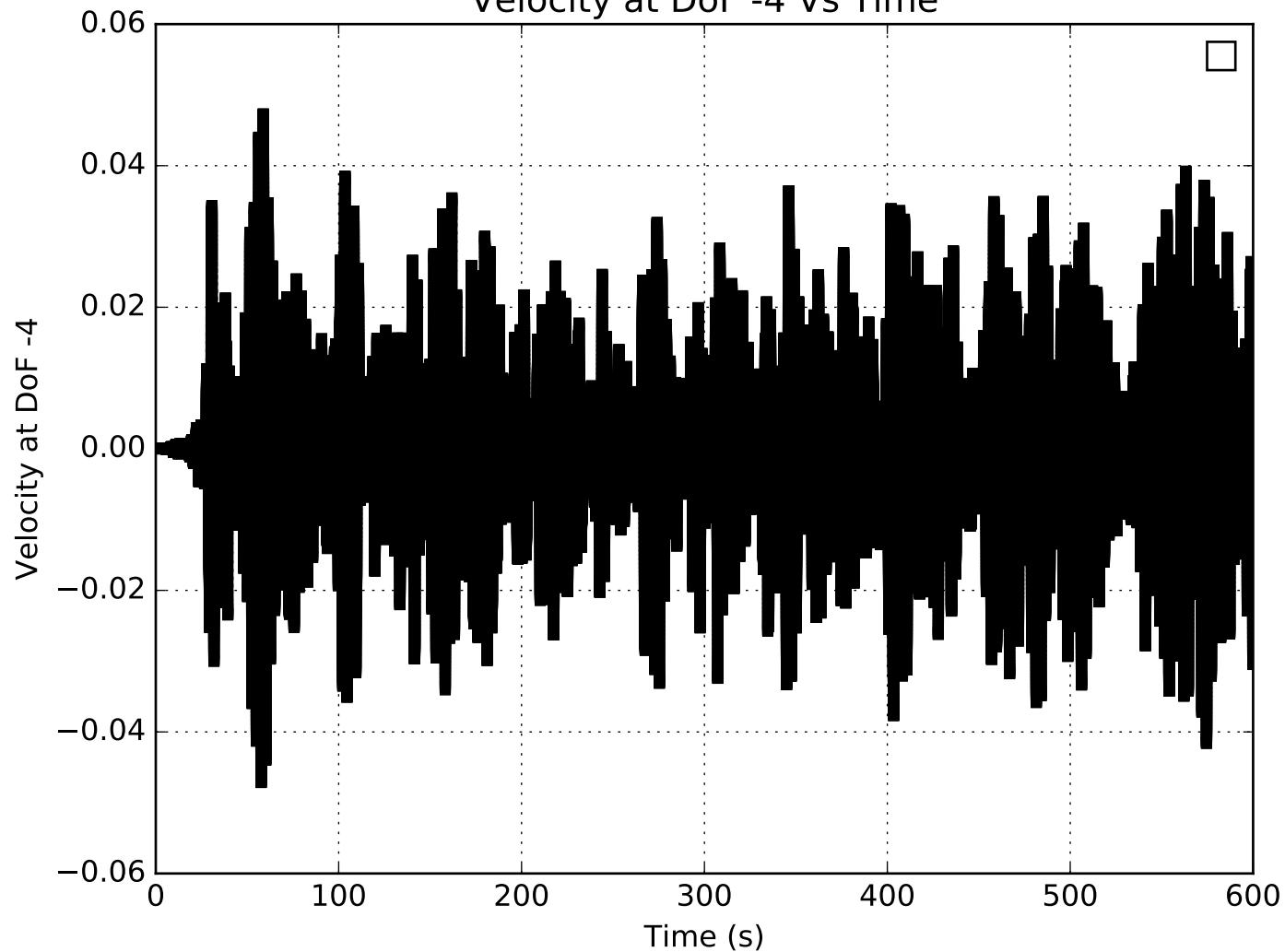


Displacement at DoF -4 Vs Time

Displacement at DoF -4



Velocity at DoF -4 Vs Time



Acceleration at DoF -4 Vs Time

