

Results for t3b1s2_Kt=2.out : Crack Initiation Using saefcalc2

Author: userNameHere

Affiliation: where

Sun Aug 6 16:11:32 EDT 2017 saefcalc2.f vers.= 2.2

Simulation input data:

Material file= merged_a36_w_POL_fitted.html

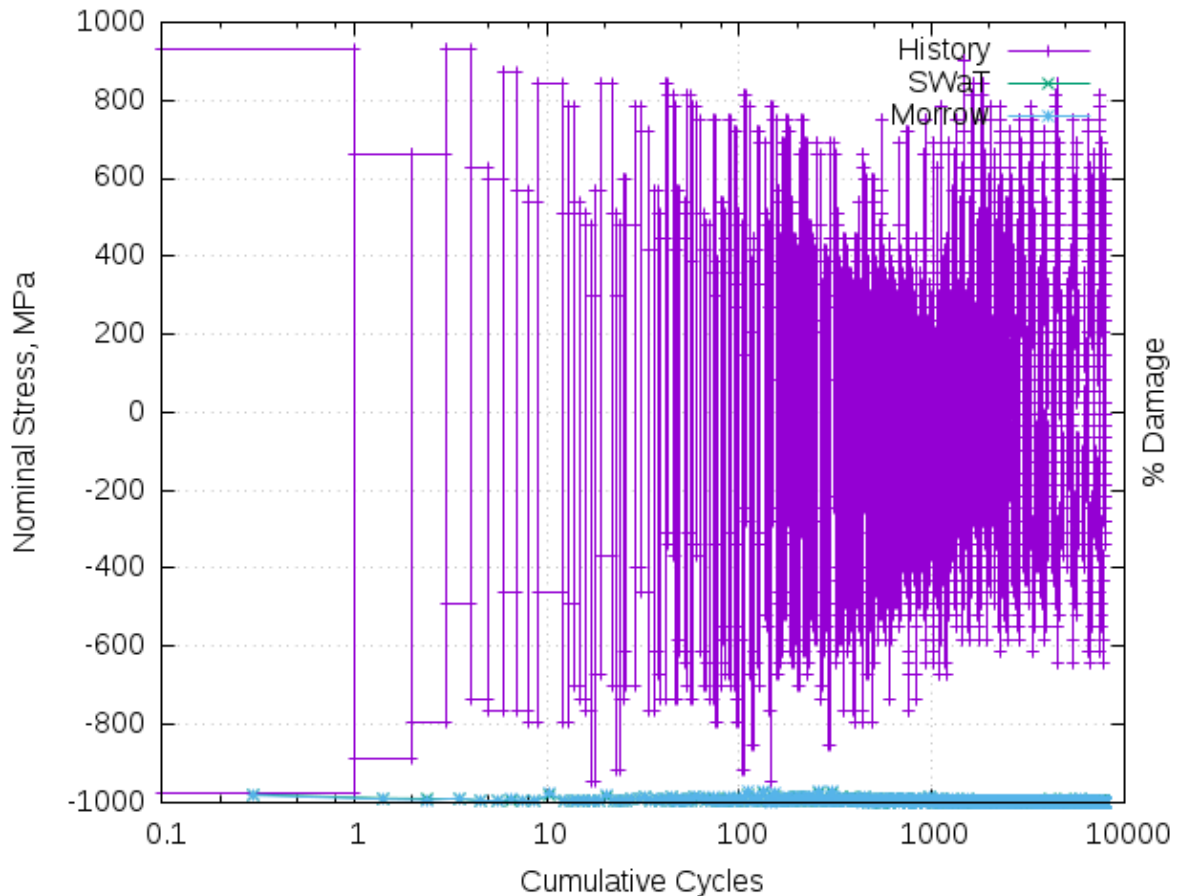
Multiplication Factor= 0.2000000E+01

Crack Initiation Life Results

Predicted History Repetitions to Initiation:

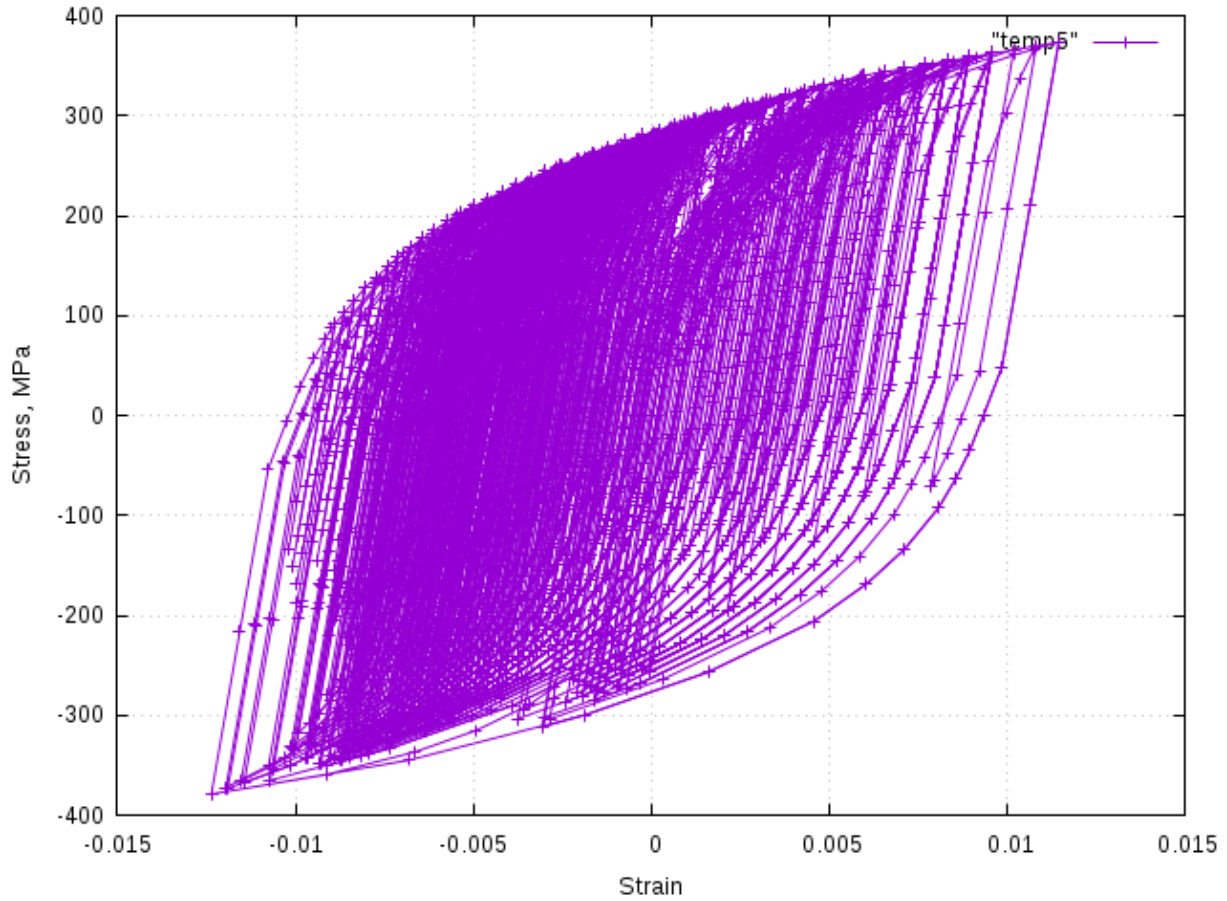
StrainLife_Reps	SWT_Life_Reps	StressLife_Reps	Morrow_Reps	Goodman_Reps (Reps= Repetitions)
18.5	14.9	18.5	14.0	9.6

Cumulative Cycle Plot of History and Damage:



(Rectangles are Rainflow Cycle Sets: Sorted by Range: largest on Left)

Local Stress and Strain Response:



Fatigue Damage Details for each Cycle Set

Loop	Smax	Smin	N	Sigmax	Sigmin	Delta	Epsmax	Epsmin	DeltaEps	%Eps	%SWT	%Sts	%Morr
1	934.0	-976.0	1.0	374.	-379.	752.	0.01146	-.01236	0.02382	1.2	1.0	1.2	0.9
2	662.0	-886.0	1.0	340.	-365.	705.	0.00597	-.01072	0.01669	0.6	0.5	0.6	0.4
3	662.0	-794.0	1.0	340.	-350.	691.	0.00597	-.00911	0.01508	0.5	0.4	0.5	0.3
4	934.0	-490.0	1.0	374.	-312.	685.	0.01146	-.00307	0.01453	0.4	0.4	0.4	0.5
5	630.0	-734.0	1.0	335.	-340.	675.	0.00538	-.00815	0.01353	0.4	0.3	0.4	0.3
6	600.0	-764.0	1.0	331.	-344.	675.	0.00484	-.00870	0.01353	0.4	0.3	0.4	0.3
7	874.0	-460.0	1.0	367.	-303.	670.	0.01020	-.00285	0.01304	0.4	0.3	0.4	0.4
8	570.0	-764.0	1.0	326.	-344.	670.	0.00430	-.00875	0.01304	0.4	0.3	0.4	0.2
9	540.0	-794.0	1.0	322.	-349.	670.	0.00376	-.00928	0.01304	0.4	0.3	0.4	0.2
10	844.0	-460.0	3.0	363.	-302.	665.	0.00958	-.00299	0.01257	1.0	0.9	1.0	1.1
11	510.0	-794.0	1.0	317.	-348.	665.	0.00324	-.00933	0.01257	0.3	0.2	0.3	0.2
12	782.0	-490.0	1.0	355.	-303.	659.	0.00832	-.00374	0.01207	0.3	0.3	0.3	0.3
13	540.0	-704.0	1.0	322.	-332.	653.	0.00376	-.00787	0.01163	0.3	0.2	0.3	0.2
14	510.0	-734.0	1.0	317.	-337.	653.	0.00324	-.00839	0.01163	0.3	0.2	0.3	0.2
15	480.0	-764.0	1.0	312.	-341.	653.	0.00272	-.00891	0.01163	0.3	0.2	0.3	0.2
16	298.0	-946.0	1.0	281.	-373.	653.	-.00026	-.01190	0.01163	0.3	0.2	0.3	0.1
17	570.0	-672.0	1.0	326.	-327.	653.	0.00430	-.00731	0.01160	0.3	0.2	0.3	0.2
18	844.0	-370.0	3.0	363.	-285.	648.	0.00958	-.00160	0.01118	0.7	0.7	0.7	1.0
19	510.0	-704.0	1.0	317.	-331.	648.	0.00324	-.00794	0.01118	0.2	0.2	0.2	0.2
20	298.0	-916.0	1.0	281.	-367.	648.	-.00026	-.01144	0.01118	0.2	0.2	0.2	0.1
21	480.0	-734.0	1.0	312.	-336.	648.	0.00272	-.00846	0.01118	0.2	0.2	0.2	0.2
22	600.0	-612.0	1.0	331.	-316.	647.	0.00484	-.00631	0.01115	0.2	0.2	0.2	0.2
23	480.0	-704.0	3.0	312.	-330.	642.	0.00272	-.00801	0.01073	0.7	0.5	0.7	0.5

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24	782.0	-400.0	2.0	355.	-286.	642.	0.00832	-.00238	0.01070	0.4	0.4	0.4	0.5
25	722.0	-460.0	3.0	348.	-294.	642.	0.00713	-.00356	0.01070	0.7	0.6	0.7	0.7
26	418.0	-764.0	2.0	302.	-340.	642.	0.00167	-.00903	0.01070	0.4	0.3	0.4	0.3
27	570.0	-612.0	2.0	326.	-315.	642.	0.00430	-.00640	0.01070	0.4	0.4	0.4	0.4
28	510.0	-672.0	1.0	317.	-325.	642.	0.00324	-.00746	0.01070	0.2	0.2	0.2	0.2
29	448.0	-734.0	3.0	307.	-335.	642.	0.00217	-.00852	0.01070	0.7	0.5	0.7	0.4
30	844.0	-310.0	1.0	363.	-273.	636.	0.00958	-.00070	0.01028	0.2	0.2	0.2	0.3
31	812.0	-340.0	3.0	359.	-276.	636.	0.00893	-.00133	0.01026	0.6	0.6	0.6	0.8
32	782.0	-370.0	1.0	355.	-280.	636.	0.00832	-.00193	0.01026	0.2	0.2	0.2	0.3
33	418.0	-734.0	1.0	302.	-334.	636.	0.00167	-.00859	0.01026	0.2	0.1	0.2	0.1
34	570.0	-582.0	1.0	326.	-309.	636.	0.00430	-.00596	0.01026	0.2	0.2	0.2	0.2
35	540.0	-612.0	3.0	322.	-314.	636.	0.00376	-.00649	0.01026	0.6	0.5	0.6	0.5
36	510.0	-642.0	1.0	317.	-319.	636.	0.00324	-.00702	0.01026	0.2	0.2	0.2	0.2
37	448.0	-704.0	1.0	307.	-329.	636.	0.00217	-.00808	0.01026	0.2	0.2	0.2	0.1
38	812.0	-310.0	2.0	359.	-270.	630.	0.00893	-.00089	0.00982	0.4	0.4	0.4	0.5
39	388.0	-734.0	1.0	297.	-333.	630.	0.00117	-.00865	0.00982	0.2	0.1	0.2	0.1
40	782.0	-340.0	3.0	355.	-274.	630.	0.00832	-.00150	0.00982	0.5	0.6	0.5	0.7
41	752.0	-370.0	3.0	352.	-278.	630.	0.00772	-.00210	0.00982	0.5	0.5	0.5	0.7
42	510.0	-612.0	3.0	317.	-313.	630.	0.00324	-.00658	0.00982	0.5	0.4	0.5	0.4
43	418.0	-704.0	2.0	302.	-328.	630.	0.00167	-.00815	0.00982	0.4	0.3	0.4	0.2
44	480.0	-642.0	3.0	312.	-318.	630.	0.00272	-.00710	0.00982	0.5	0.4	0.5	0.4
45	358.0	-734.0	2.0	292.	-332.	623.	0.00068	-.00871	0.00940	0.3	0.2	0.3	0.2
46	752.0	-340.0	3.0	352.	-271.	623.	0.00772	-.00168	0.00940	0.5	0.5	0.5	0.6
47	298.0	-794.0	2.0	281.	-343.	623.	-.00026	-.00966	0.00940	0.3	0.2	0.3	0.2
48	388.0	-704.0	2.0	297.	-326.	623.	0.00117	-.00823	0.00940	0.3	0.2	0.3	0.2
49	540.0	-552.0	2.0	322.	-302.	623.	0.00376	-.00564	0.00940	0.3	0.3	0.3	0.3
50	510.0	-582.0	2.0	317.	-306.	623.	0.00324	-.00616	0.00940	0.3	0.3	0.3	0.3
51	448.0	-642.0	1.0	307.	-316.	623.	0.00217	-.00720	0.00937	0.2	0.1	0.2	0.1
52	418.0	-672.0	3.0	302.	-321.	623.	0.00167	-.00770	0.00937	0.5	0.4	0.5	0.3
53	752.0	-310.0	3.0	352.	-265.	617.	0.00772	-.00126	0.00898	0.4	0.5	0.4	0.6
54	358.0	-704.0	3.0	292.	-325.	617.	0.00068	-.00830	0.00898	0.4	0.3	0.4	0.3
55	722.0	-340.0	2.0	348.	-269.	617.	0.00713	-.00185	0.00898	0.3	0.3	0.3	0.4
56	328.0	-734.0	1.0	286.	-331.	617.	0.00021	-.00878	0.00898	0.1	0.1	0.1	0.1
57	268.0	-794.0	2.0	275.	-342.	617.	-.00073	-.00971	0.00898	0.3	0.2	0.3	0.1
58	510.0	-552.0	1.0	317.	-300.	617.	0.00324	-.00575	0.00898	0.1	0.1	0.1	0.1
59	480.0	-582.0	4.0	312.	-305.	617.	0.00272	-.00627	0.00898	0.6	0.5	0.6	0.5
60	145.8	-916.0	2.0	251.	-366.	617.	-.00254	-.01152	0.00898	0.3	0.2	0.3	0.1
61	812.0	-248.0	3.0	359.	-257.	616.	0.00893	-.00003	0.00896	0.4	0.5	0.4	0.7
62	782.0	-278.0	6.0	355.	-261.	616.	0.00832	-.00064	0.00896	0.9	0.9	0.9	1.3
63	388.0	-672.0	2.0	297.	-319.	616.	0.00117	-.00779	0.00896	0.3	0.2	0.3	0.2
64	206.0	-854.0	1.0	263.	-353.	616.	-.00166	-.01062	0.00896	0.1	0.1	0.1	0.1
65	448.0	-612.0	2.0	307.	-309.	616.	0.00217	-.00678	0.00896	0.3	0.2	0.3	0.2
66	418.0	-642.0	4.0	302.	-314.	616.	0.00167	-.00729	0.00896	0.6	0.4	0.6	0.4
67	722.0	-310.0	4.0	348.	-262.	610.	0.00713	-.00144	0.00858	0.5	0.5	0.5	0.7
68	328.0	-704.0	1.0	286.	-324.	610.	0.00021	-.00837	0.00858	0.1	0.1	0.1	0.1
69	692.0	-340.0	9.0	344.	-266.	610.	0.00655	-.00203	0.00858	1.2	1.2	1.2	1.5
70	510.0	-522.0	2.0	317.	-293.	610.	0.00324	-.00534	0.00858	0.3	0.2	0.3	0.2
71	480.0	-552.0	3.0	312.	-298.	610.	0.00272	-.00586	0.00858	0.4	0.3	0.4	0.3
72	268.0	-764.0	2.0	275.	-335.	610.	-.00073	-.00930	0.00858	0.3	0.2	0.3	0.1
73	85.2	-946.0	1.0	238.	-372.	610.	-.00339	-.01195	0.00857	0.1	0.1	0.1	0.0
74	782.0	-248.0	5.0	355.	-254.	609.	0.00832	-.00023	0.00855	0.6	0.7	0.6	1.0
75	752.0	-278.0	6.0	352.	-258.	609.	0.00772	-.00083	0.00855	0.8	0.8	0.8	1.1
76	358.0	-672.0	3.0	292.	-318.	609.	0.00068	-.00787	0.00855	0.4	0.3	0.4	0.2
77	570.0	-460.0	1.0	326.	-283.	609.	0.00430	-.00425	0.00855	0.1	0.1	0.1	0.1
78	540.0	-490.0	1.0	322.	-288.	609.	0.00376	-.00479	0.00855	0.1	0.1	0.1	0.1
79	388.0	-642.0	3.0	297.	-313.	609.	0.00117	-.00738	0.00855	0.4	0.3	0.4	0.3
80	448.0	-582.0	2.0	307.	-303.	609.	0.00217	-.00638	0.00855	0.3	0.2	0.3	0.2
81	418.0	-612.0	1.0	302.	-308.	609.	0.00167	-.00688	0.00855	0.1	0.1	0.1	0.1
82	692.0	-310.0	3.0	344.	-259.	603.	0.00655	-.00163	0.00818	0.3	0.4	0.3	0.5
83	662.0	-340.0	3.0	340.	-263.	603.	0.00597	-.00220	0.00818	0.3	0.4	0.3	0.4
84	480.0	-522.0	3.0	312.	-291.	603.	0.00272	-.00546	0.00818	0.3	0.3	0.3	0.3
85	752.0	-248.0	4.0	352.	-251.	603.	0.00772	-.00043	0.00815	0.5	0.5	0.5	0.7

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86	722.0	-278.0	3.0	348.	-255.	603.	0.00713	-.00102	0.00815	0.3	0.4	0.3	0.5
87	388.0	-612.0	4.0	297.	-306.	603.	0.00117	-.00698	0.00815	0.5	0.4	0.5	0.3
88	540.0	-460.0	1.0	322.	-281.	603.	0.00376	-.00439	0.00815	0.1	0.1	0.1	0.1
89	510.0	-490.0	1.0	317.	-286.	603.	0.00324	-.00491	0.00815	0.1	0.1	0.1	0.1
90	358.0	-642.0	2.0	292.	-311.	603.	0.00068	-.00747	0.00815	0.2	0.2	0.2	0.2
91	448.0	-552.0	6.0	307.	-296.	603.	0.00217	-.00598	0.00815	0.7	0.6	0.7	0.6
92	418.0	-582.0	6.0	302.	-301.	603.	0.00167	-.00648	0.00815	0.7	0.6	0.7	0.5
93	268.0	-704.0	1.0	275.	-321.	596.	-.00073	-.00851	0.00778	0.1	0.1	0.1	0.1
94	662.0	-310.0	6.0	340.	-256.	596.	0.00597	-.00181	0.00778	0.6	0.6	0.6	0.8
95	752.0	-218.0	3.0	352.	-244.	596.	0.00772	-.00003	0.00776	0.3	0.3	0.3	0.5
96	358.0	-612.0	9.0	292.	-304.	596.	0.00068	-.00707	0.00776	0.9	0.7	0.9	0.6
97	692.0	-278.0	4.0	344.	-252.	596.	0.00655	-.00121	0.00776	0.4	0.4	0.4	0.6
98	298.0	-672.0	1.0	281.	-315.	596.	-.00026	-.00802	0.00776	0.1	0.1	0.1	0.1
99	328.0	-642.0	3.0	286.	-310.	596.	0.00021	-.00755	0.00776	0.3	0.2	0.3	0.2
100	480.0	-490.0	6.0	312.	-284.	596.	0.00272	-.00504	0.00776	0.6	0.5	0.6	0.
101	448.0	-522.0	6.0	307.	-289.	596.	0.00217	-.00558	0.00776	0.6	0.5	0.6	0.
102	418.0	-552.0	5.0	302.	-294.	596.	0.00167	-.00609	0.00776	0.5	0.4	0.5	0.
103	388.0	-582.0	3.0	297.	-299.	596.	0.00117	-.00659	0.00776	0.3	0.2	0.3	0.
104	692.0	-248.0	3.0	344.	-245.	589.	0.00655	-.00082	0.00737	0.3	0.3	0.3	0.
105	662.0	-278.0	11.0	340.	-248.	589.	0.00597	-.00140	0.00737	1.0	1.1	1.0	1.
106	206.0	-734.0	2.0	263.	-326.	589.	-.00166	-.00904	0.00737	0.2	0.1	0.2	0.
107	480.0	-460.0	1.0	312.	-277.	589.	0.00272	-.00465	0.00737	0.1	0.1	0.1	0.
108	236.0	-704.0	2.0	269.	-320.	589.	-.00121	-.00859	0.00737	0.2	0.1	0.2	0.
109	328.0	-612.0	9.0	286.	-303.	589.	0.00021	-.00717	0.00737	0.8	0.6	0.8	0.
110	418.0	-522.0	5.0	302.	-287.	589.	0.00167	-.00570	0.00737	0.4	0.4	0.4	0.
111	388.0	-552.0	7.0	297.	-292.	589.	0.00117	-.00620	0.00737	0.6	0.5	0.6	0.
112	358.0	-582.0	3.0	292.	-297.	589.	0.00068	-.00669	0.00737	0.3	0.2	0.3	0.
113	85.2	-854.0	2.0	238.	-351.	588.	-.00339	-.01075	0.00736	0.2	0.1	0.2	0.
114	448.0	-490.0	3.0	307.	-281.	588.	0.00217	-.00517	0.00735	0.3	0.2	0.3	0.
115	692.0	-218.0	12.0	344.	-237.	581.	0.00655	-.00045	0.00700	0.9	1.1	0.9	1.
116	662.0	-248.0	6.0	340.	-241.	581.	0.00597	-.00102	0.00700	0.5	0.5	0.5	0.
117	268.0	-642.0	4.0	275.	-307.	581.	-.00073	-.00772	0.00700	0.3	0.2	0.3	0.
118	298.0	-612.0	3.0	281.	-301.	581.	-.00026	-.00726	0.00700	0.2	0.2	0.2	0.
119	510.0	-400.0	3.0	317.	-265.	581.	0.00324	-.00376	0.00700	0.2	0.2	0.2	0.
120	480.0	-430.0	1.0	312.	-269.	581.	0.00272	-.00428	0.00700	0.1	0.1	0.1	0.
121	388.0	-522.0	3.0	297.	-285.	581.	0.00117	-.00582	0.00700	0.2	0.2	0.2	0.
122	328.0	-582.0	8.0	286.	-295.	581.	0.00021	-.00679	0.00700	0.6	0.5	0.6	0.
123	358.0	-552.0	9.0	292.	-290.	581.	0.00068	-.00631	0.00700	0.7	0.6	0.7	0.
124	145.8	-764.0	4.0	251.	-330.	581.	-.00254	-.00953	0.00699	0.3	0.2	0.3	0.
125	448.0	-460.0	6.0	307.	-274.	581.	0.00217	-.00480	0.00697	0.5	0.4	0.5	0.
126	418.0	-490.0	4.0	302.	-279.	581.	0.00167	-.00530	0.00697	0.3	0.3	0.3	0.
127	268.0	-612.0	4.0	275.	-299.	573.	-.00073	-.00736	0.00663	0.3	0.2	0.3	0.
128	298.0	-582.0	9.0	281.	-293.	573.	-.00026	-.00690	0.00663	0.6	0.5	0.6	0.
129	358.0	-522.0	10.0	292.	-282.	573.	0.00068	-.00595	0.00663	0.7	0.6	0.7	0.
130	328.0	-552.0	9.0	286.	-287.	573.	0.00021	-.00643	0.00663	0.6	0.5	0.6	0.
131	115.4	-764.0	4.0	244.	-329.	573.	-.00297	-.00960	0.00663	0.3	0.1	0.3	0.
132	85.2	-794.0	4.0	238.	-335.	573.	-.00339	-.01001	0.00662	0.3	0.1	0.3	0.
133	236.0	-642.0	2.0	269.	-304.	573.	-.00121	-.00782	0.00661	0.1	0.1	0.1	0.
134	448.0	-430.0	3.0	307.	-266.	573.	0.00217	-.00444	0.00661	0.2	0.2	0.2	0.
135	418.0	-460.0	6.0	302.	-271.	573.	0.00167	-.00494	0.00661	0.4	0.4	0.4	0.
136	388.0	-490.0	9.0	297.	-276.	573.	0.00117	-.00544	0.00661	0.6	0.5	0.6	0.
137	540.0	-310.0	1.0	322.	-243.	565.	0.00376	-.00252	0.00628	0.1	0.1	0.1	0.
138	298.0	-552.0	3.0	281.	-284.	565.	-.00026	-.00655	0.00628	0.2	0.1	0.2	0.
139	268.0	-582.0	6.0	275.	-290.	565.	-.00073	-.00701	0.00628	0.3	0.3	0.3	0.
140	328.0	-522.0	5.0	286.	-279.	565.	0.00021	-.00608	0.00628	0.3	0.2	0.3	0.
141	662.0	-187.8	3.0	340.	-225.	565.	0.00597	-.00031	0.00628	0.2	0.2	0.2	0.
142	85.2	-764.0	2.0	238.	-327.	565.	-.00339	-.00966	0.00627	0.1	0.1	0.1	0.
143	54.8	-794.0	2.0	231.	-333.	565.	-.00380	-.01007	0.00627	0.1	0.1	0.1	0.
144	630.0	-218.0	9.0	335.	-229.	564.	0.00538	-.00088	0.00626	0.5	0.6	0.5	0.
145	600.0	-248.0	3.0	331.	-233.	564.	0.00484	-.00142	0.00626	0.2	0.2	0.2	0.
146	448.0	-400.0	4.0	307.	-258.	564.	0.00217	-.00409	0.00626	0.2	0.2	0.2	0.
147	418.0	-430.0	5.0	302.	-263.	564.	0.00167	-.00459	0.00626	0.3	0.3	0.3	0.

Results for t3b1s2_Kt=2.out : Crack Initiation Using saefcalc2

148	176.0	-672.0	1.0	257.	-307.	564.	-.00210	-.00836	0.00626	0.1	0.0	0.1	0.0
149	388.0	-460.0	3.0	297.	-268.	564.	0.00117	-.00509	0.00626	0.2	0.2	0.2	0.0
150	358.0	-490.0	7.0	292.	-273.	564.	0.00068	-.00557	0.00626	0.4	0.3	0.4	0.0
151	268.0	-552.0	7.0	275.	-281.	556.	-.00073	-.00667	0.00594	0.3	0.3	0.3	0.0
152	298.0	-522.0	9.0	281.	-276.	556.	-.00026	-.00620	0.00594	0.4	0.4	0.4	0.0
153	24.4	-794.0	2.0	224.	-332.	556.	-.00420	-.01012	0.00592	0.1	0.1	0.1	0.0
154	600.0	-218.0	5.0	331.	-225.	556.	0.00484	-.00108	0.00592	0.2	0.3	0.2	0.0
155	540.0	-278.0	3.0	322.	-234.	556.	0.00376	-.00215	0.00592	0.1	0.2	0.1	0.0
156	176.0	-642.0	1.0	257.	-299.	556.	-.00210	-.00802	0.00592	0.0	0.0	0.0	0.0
157	448.0	-370.0	3.0	307.	-249.	556.	0.00217	-.00374	0.00592	0.1	0.1	0.1	0.0
158	418.0	-400.0	3.0	302.	-254.	556.	0.00167	-.00425	0.00592	0.1	0.1	0.1	0.0
159	388.0	-430.0	6.0	297.	-259.	556.	0.00117	-.00474	0.00592	0.3	0.3	0.3	0.0
160	358.0	-460.0	10.0	292.	-264.	556.	0.00068	-.00523	0.00592	0.5	0.4	0.5	0.0
161	236.0	-582.0	5.0	269.	-287.	556.	-.00121	-.00713	0.00592	0.2	0.2	0.2	0.0
162	328.0	-490.0	10.0	286.	-270.	556.	0.00021	-.00571	0.00592	0.5	0.4	0.5	0.0
163	480.0	-310.0	2.0	312.	-235.	547.	0.00272	-.00288	0.00560	0.1	0.1	0.1	0.0
164	268.0	-522.0	5.0	275.	-272.	547.	-.00073	-.00633	0.00560	0.2	0.2	0.2	0.0
165	752.0	-36.2	2.0	352.	-195.	547.	0.00772	0.00214	0.00558	0.1	0.1	0.1	0.0
166	570.0	-218.0	1.0	326.	-221.	547.	0.00430	-.00128	0.00558	0.0	0.0	0.0	0.0
167	510.0	-278.0	1.0	317.	-230.	547.	0.00324	-.00234	0.00558	0.0	0.0	0.0	0.0
168	448.0	-340.0	1.0	307.	-240.	547.	0.00217	-.00340	0.00558	0.0	0.0	0.0	0.0
169	418.0	-370.0	7.0	302.	-245.	547.	0.00167	-.00391	0.00558	0.3	0.3	0.3	0.0
170	388.0	-400.0	3.0	297.	-250.	547.	0.00117	-.00441	0.00558	0.1	0.1	0.1	0.0
171	236.0	-552.0	6.0	269.	-278.	547.	-.00121	-.00679	0.00558	0.2	0.2	0.2	0.0
172	358.0	-430.0	11.0	292.	-255.	547.	0.00068	-.00489	0.00558	0.4	0.4	0.4	0.0
173	206.0	-582.0	4.0	263.	-284.	547.	-.00166	-.00724	0.00558	0.2	0.1	0.2	0.0
174	328.0	-460.0	5.0	286.	-261.	547.	0.00021	-.00537	0.00558	0.2	0.2	0.2	0.0
175	298.0	-490.0	11.0	281.	-266.	547.	-.00026	-.00584	0.00558	0.4	0.4	0.4	0.0
176	24.4	-734.0	2.0	224.	-313.	538.	-.00420	-.00946	0.00526	0.1	0.0	0.1	0.0
177	206.0	-552.0	4.0	263.	-274.	537.	-.00166	-.00691	0.00525	0.1	0.1	0.1	0.0
178	448.0	-310.0	1.0	307.	-231.	537.	0.00217	-.00308	0.00525	0.0	0.0	0.0	0.0
179	418.0	-340.0	4.0	302.	-236.	537.	0.00167	-.00358	0.00525	0.1	0.1	0.1	0.0
180	176.0	-582.0	3.0	257.	-280.	537.	-.00210	-.00736	0.00525	0.1	0.1	0.1	0.0
181	388.0	-370.0	6.0	297.	-241.	537.	0.00117	-.00408	0.00525	0.2	0.2	0.2	0.0
182	236.0	-522.0	8.0	269.	-269.	537.	-.00121	-.00647	0.00525	0.3	0.2	0.3	0.0
183	358.0	-400.0	5.0	292.	-246.	537.	0.00068	-.00457	0.00525	0.2	0.2	0.2	0.0
184	328.0	-430.0	15.0	286.	-251.	537.	0.00021	-.00504	0.00525	0.5	0.5	0.5	0.0
185	268.0	-490.0	16.0	275.	-263.	537.	-.00073	-.00598	0.00525	0.6	0.5	0.6	0.0
186	298.0	-460.0	14.0	281.	-257.	537.	-.00026	-.00552	0.00525	0.5	0.4	0.5	0.0
187	692.0	-36.2	3.0	344.	-183.	528.	0.00655	0.00161	0.00494	0.1	0.1	0.1	0.0
188	480.0	-248.0	2.0	312.	-215.	527.	0.00272	-.00222	0.00494	0.1	0.1	0.1	0.0
189	176.0	-552.0	2.0	257.	-270.	527.	-.00210	-.00704	0.00494	0.1	0.0	0.1	0.0
190	418.0	-310.0	4.0	302.	-226.	527.	0.00167	-.00327	0.00494	0.1	0.1	0.1	0.0
191	388.0	-340.0	5.0	297.	-231.	527.	0.00117	-.00376	0.00494	0.2	0.1	0.2	0.0
192	206.0	-522.0	7.0	263.	-264.	527.	-.00166	-.00660	0.00494	0.2	0.2	0.2	0.0
193	358.0	-370.0	5.0	292.	-236.	527.	0.00068	-.00425	0.00494	0.2	0.1	0.2	0.0
194	328.0	-400.0	16.0	286.	-241.	527.	0.00021	-.00473	0.00494	0.5	0.5	0.5	0.0
195	298.0	-430.0	14.0	281.	-247.	527.	-.00026	-.00520	0.00494	0.4	0.4	0.4	0.0
196	268.0	-460.0	16.0	275.	-253.	527.	-.00073	-.00566	0.00494	0.5	0.4	0.5	0.0
197	722.0	-5.8	3.0	348.	-179.	527.	0.00713	0.00220	0.00493	0.1	0.1	0.1	0.0
198	-36.2	-764.0	2.0	210.	-317.	527.	-.00499	-.00992	0.00493	0.1	0.0	0.1	0.0
199	115.4	-612.0	1.0	244.	-283.	527.	-.00297	-.00790	0.00493	0.0	0.0	0.0	0.0
200	85.2	-642.0	1.0	238.	-289.	527.	-.00339	-.00831	0.00493	0.0	0.0	0.0	0.0
201	54.8	-672.0	2.0	231.	-296.	527.	-.00380	-.00872	0.00492	0.1	0.0	0.1	0.0
202	448.0	-278.0	2.0	307.	-220.	527.	0.00217	-.00274	0.00491	0.1	0.1	0.1	0.0
203	236.0	-490.0	9.0	269.	-258.	527.	-.00121	-.00613	0.00491	0.3	0.2	0.3	0.0
204	388.0	-310.0	6.0	297.	-221.	517.	0.00117	-.00345	0.00463	0.2	0.2	0.2	0.0
205	176.0	-522.0	6.0	257.	-260.	517.	-.00210	-.00673	0.00463	0.2	0.1	0.2	0.0
206	358.0	-340.0	6.0	292.	-226.	517.	0.00068	-.00394	0.00463	0.2	0.2	0.2	0.0
207	328.0	-370.0	11.0	286.	-231.	517.	0.00021	-.00442	0.00463	0.3	0.3	0.3	0.0
208	298.0	-400.0	16.0	281.	-237.	517.	-.00026	-.00489	0.00463	0.4	0.4	0.4	0.0
209	268.0	-430.0	13.0	275.	-242.	517.	-.00073	-.00535	0.00463	0.4	0.3	0.4	0.0

Results for t3b1s2_Kt=2.out : Crack Initiation Using saefcalc2

210	145.8	-552.0	1.0	251.	-266.	517.	-.00254	-.00717	0.00462	0.0	0.0	0.0	0.0
211	-36.2	-734.0	2.0	210.	-307.	517.	-.00499	-.00961	0.00462	0.1	0.0	0.1	0.0
212	24.4	-672.0	1.0	224.	-293.	517.	-.00420	-.00881	0.00461	0.0	0.0	0.0	0.0
213	448.0	-248.0	2.0	307.	-210.	517.	0.00217	-.00243	0.00461	0.1	0.1	0.1	0.0
214	418.0	-278.0	1.0	302.	-215.	517.	0.00167	-.00294	0.00461	0.0	0.0	0.0	0.0
215	236.0	-460.0	18.0	269.	-248.	517.	-.00121	-.00582	0.00461	0.5	0.4	0.5	0.0
216	206.0	-490.0	13.0	263.	-254.	517.	-.00166	-.00627	0.00461	0.4	0.3	0.4	0.0
217	358.0	-310.0	9.0	292.	-215.	507.	0.00068	-.00364	0.00432	0.2	0.2	0.2	0.0
218	328.0	-340.0	7.0	286.	-221.	507.	0.00021	-.00412	0.00432	0.2	0.2	0.2	0.0
219	298.0	-370.0	14.0	281.	-226.	507.	-.00026	-.00459	0.00432	0.3	0.3	0.3	0.0
220	268.0	-400.0	15.0	275.	-232.	507.	-.00073	-.00505	0.00432	0.4	0.3	0.4	0.0
221	662.0	-5.8	9.0	340.	-167.	507.	0.00597	0.00165	0.00432	0.2	0.3	0.2	0.0
222	145.8	-522.0	3.0	251.	-256.	507.	-.00254	-.00686	0.00432	0.1	0.1	0.1	0.0
223	85.2	-582.0	2.0	238.	-269.	507.	-.00339	-.00770	0.00432	0.0	0.0	0.0	0.0
224	752.0	85.2	3.0	352.	-155.	506.	0.00772	0.00341	0.00431	0.1	0.1	0.1	0.0
225	24.4	-642.0	4.0	224.	-282.	506.	-.00420	-.00851	0.00431	0.1	0.1	0.1	0.0
226	448.0	-218.0	2.0	307.	-199.	506.	0.00217	-.00213	0.00431	0.0	0.1	0.0	0.0
227	418.0	-248.0	4.0	302.	-204.	506.	0.00167	-.00264	0.00431	0.1	0.1	0.1	0.0
228	388.0	-278.0	4.0	297.	-209.	506.	0.00117	-.00313	0.00431	0.1	0.1	0.1	0.0
229	176.0	-490.0	9.0	257.	-249.	506.	-.00210	-.00641	0.00431	0.2	0.2	0.2	0.0
230	206.0	-460.0	5.0	263.	-243.	506.	-.00166	-.00597	0.00431	0.1	0.1	0.1	0.0
231	236.0	-430.0	27.0	269.	-237.	506.	-.00121	-.00552	0.00431	0.7	0.6	0.7	0.0
232	328.0	-310.0	6.0	286.	-209.	495.	0.00021	-.00383	0.00404	0.1	0.1	0.1	0.0
233	298.0	-340.0	9.0	281.	-215.	495.	-.00026	-.00430	0.00404	0.2	0.2	0.2	0.0
234	268.0	-370.0	15.0	275.	-220.	495.	-.00073	-.00477	0.00404	0.3	0.3	0.3	0.0
235	115.4	-522.0	5.0	244.	-250.	495.	-.00297	-.00700	0.00403	0.1	0.1	0.1	0.0
236	692.0	54.8	3.0	344.	-151.	495.	0.00655	0.00252	0.00403	0.1	0.1	0.1	0.0
237	85.2	-552.0	3.0	238.	-257.	495.	-.00339	-.00742	0.00403	0.1	0.0	0.1	0.0
238	54.8	-582.0	2.0	231.	-264.	495.	-.00380	-.00783	0.00403	0.0	0.0	0.0	0.0
239	24.4	-612.0	2.0	224.	-270.	495.	-.00420	-.00823	0.00402	0.0	0.0	0.0	0.0
240	-5.8	-642.0	1.0	217.	-277.	494.	-.00460	-.00862	0.00402	0.0	0.0	0.0	0.0
241	388.0	-248.0	1.0	297.	-198.	494.	0.00117	-.00285	0.00402	0.0	0.0	0.0	0.0
242	358.0	-278.0	5.0	292.	-203.	494.	0.00068	-.00333	0.00402	0.1	0.1	0.1	0.0
243	206.0	-430.0	17.0	263.	-231.	494.	-.00166	-.00568	0.00402	0.4	0.3	0.4	0.0
244	176.0	-460.0	8.0	257.	-237.	494.	-.00210	-.00612	0.00402	0.2	0.1	0.2	0.0
245	236.0	-400.0	20.0	269.	-226.	494.	-.00121	-.00523	0.00402	0.4	0.4	0.4	0.0
246	630.0	-5.8	3.0	335.	-159.	494.	0.00538	0.00137	0.00402	0.1	0.1	0.1	0.0
247	145.8	-490.0	4.0	251.	-243.	494.	-.00254	-.00656	0.00402	0.1	0.1	0.1	0.0
248	-36.2	-672.0	4.0	210.	-284.	494.	-.00499	-.00901	0.00402	0.1	0.1	0.1	0.0
249	298.0	-310.0	8.0	281.	-203.	483.	-.00026	-.00402	0.00376	0.2	0.1	0.2	0.0
250	268.0	-340.0	20.0	275.	-208.	483.	-.00073	-.00449	0.00376	0.4	0.4	0.4	0.0
251	662.0	54.8	3.0	340.	-143.	483.	0.00597	0.00222	0.00375	0.1	0.1	0.1	0.0
252	85.2	-522.0	3.0	238.	-245.	483.	-.00339	-.00714	0.00375	0.1	0.0	0.1	0.0
253	692.0	85.2	3.0	344.	-139.	483.	0.00655	0.00280	0.00375	0.1	0.1	0.1	0.0
254	24.4	-582.0	2.0	224.	-258.	483.	-.00420	-.00795	0.00374	0.0	0.0	0.0	0.0
255	782.0	176.0	3.0	355.	-127.	482.	0.00832	0.00458	0.00374	0.1	0.1	0.1	0.0
256	176.0	-430.0	8.0	257.	-225.	482.	-.00210	-.00584	0.00374	0.1	0.1	0.1	0.0
257	388.0	-218.0	3.0	297.	-186.	482.	0.00117	-.00257	0.00374	0.1	0.1	0.1	0.0
258	358.0	-248.0	4.0	292.	-191.	482.	0.00068	-.00305	0.00374	0.1	0.1	0.1	0.0
259	328.0	-278.0	9.0	286.	-196.	482.	0.00021	-.00353	0.00374	0.2	0.2	0.2	0.0
260	236.0	-370.0	14.0	269.	-214.	482.	-.00121	-.00495	0.00374	0.3	0.2	0.3	0.0
261	206.0	-400.0	16.0	263.	-219.	482.	-.00166	-.00540	0.00374	0.3	0.3	0.3	0.0
262	418.0	-187.8	1.0	302.	-180.	482.	0.00167	-.00207	0.00374	0.0	0.0	0.0	0.0
263	-36.2	-642.0	1.0	210.	-272.	482.	-.00499	-.00873	0.00374	0.0	0.0	0.0	0.0
264	145.8	-460.0	11.0	251.	-231.	482.	-.00254	-.00628	0.00374	0.2	0.2	0.2	0.0
265	-66.4	-672.0	2.0	203.	-279.	482.	-.00537	-.00910	0.00374	0.0	0.0	0.0	0.0
266	448.0	-157.4	4.0	307.	-175.	482.	0.00217	-.00156	0.00373	0.1	0.1	0.1	0.0
267	115.4	-490.0	1.0	244.	-238.	482.	-.00297	-.00670	0.00373	0.0	0.0	0.0	0.0
268	268.0	-310.0	13.0	275.	-196.	471.	-.00073	-.00421	0.00348	0.2	0.2	0.2	0.0
269	54.8	-522.0	2.0	231.	-239.	470.	-.00380	-.00727	0.00347	0.0	0.0	0.0	0.0
270	692.0	115.4	9.0	344.	-126.	470.	0.00655	0.00308	0.00347	0.1	0.2	0.1	0.0
271	358.0	-218.0	3.0	292.	-179.	470.	0.00068	-.00278	0.00347	0.0	0.1	0.0	0.0

Results for t3b1s2_Kt=2.out : Crack Initiation Using saefcalc2

272	328.0	-248.0	10.0	286.	-184.	470.	0.00021	-.00326	0.00347	0.2	0.2	0.2	0.
273	176.0	-400.0	8.0	257.	-213.	470.	-.00210	-.00557	0.00347	0.1	0.1	0.1	0.
274	298.0	-278.0	8.0	281.	-190.	470.	-.00026	-.00373	0.00347	0.1	0.1	0.1	0.
275	236.0	-340.0	15.0	269.	-201.	470.	-.00121	-.00468	0.00347	0.2	0.2	0.2	0.
276	206.0	-370.0	26.0	263.	-207.	470.	-.00166	-.00513	0.00347	0.4	0.4	0.4	0.
277	570.0	-5.8	6.0	326.	-144.	470.	0.00430	0.00083	0.00346	0.1	0.1	0.1	0.
278	388.0	-187.8	1.0	297.	-173.	470.	0.00117	-.00229	0.00346	0.0	0.0	0.0	0.
279	145.8	-430.0	14.0	251.	-219.	470.	-.00254	-.00601	0.00346	0.2	0.2	0.2	0.
280	115.4	-460.0	4.0	244.	-225.	470.	-.00297	-.00643	0.00346	0.1	0.1	0.1	0.
281	85.2	-490.0	3.0	238.	-232.	470.	-.00339	-.00685	0.00346	0.0	0.0	0.0	0.
282	448.0	-127.0	1.0	307.	-163.	470.	0.00217	-.00128	0.00346	0.0	0.0	0.0	0.
283	662.0	115.4	12.0	340.	-116.	456.	0.00597	0.00276	0.00322	0.2	0.2	0.2	0.
284	24.4	-522.0	1.0	224.	-232.	456.	-.00420	-.00742	0.00321	0.0	0.0	0.0	0.
285	692.0	145.8	3.0	344.	-112.	456.	0.00655	0.00334	0.00321	0.0	0.1	0.0	0.
286	-5.8	-552.0	1.0	217.	-239.	456.	-.00460	-.00781	0.00321	0.0	0.0	0.0	0.
287	752.0	206.0	3.0	352.	-104.	456.	0.00772	0.00451	0.00321	0.0	0.1	0.0	0.
288	176.0	-370.0	13.0	257.	-199.	456.	-.00210	-.00532	0.00321	0.2	0.2	0.2	0.
289	328.0	-218.0	6.0	286.	-170.	456.	0.00021	-.00300	0.00321	0.1	0.1	0.1	0.
290	298.0	-248.0	5.0	281.	-176.	456.	-.00026	-.00347	0.00321	0.1	0.1	0.1	0.
291	268.0	-278.0	10.0	275.	-181.	456.	-.00073	-.00394	0.00321	0.1	0.1	0.1	0.
292	236.0	-310.0	17.0	269.	-187.	456.	-.00121	-.00442	0.00321	0.2	0.2	0.2	0.
293	206.0	-340.0	21.0	263.	-193.	456.	-.00166	-.00487	0.00321	0.3	0.3	0.3	0.
294	540.0	-5.8	1.0	322.	-134.	456.	0.00376	0.00056	0.00321	0.0	0.0	0.0	0.
295	358.0	-187.8	1.0	292.	-164.	456.	0.00068	-.00252	0.00321	0.0	0.0	0.0	0.
296	145.8	-400.0	9.0	251.	-205.	456.	-.00254	-.00575	0.00321	0.1	0.1	0.1	0.
297	-36.2	-582.0	7.0	210.	-246.	456.	-.00499	-.00820	0.00321	0.1	0.1	0.1	0.
298	570.0	24.4	3.0	326.	-130.	456.	0.00430	0.00109	0.00321	0.0	0.1	0.0	0.
299	115.4	-430.0	8.0	244.	-211.	456.	-.00297	-.00617	0.00321	0.1	0.1	0.1	0.
300	388.0	-157.4	1.0	297.	-159.	456.	0.00117	-.00203	0.00321	0.0	0.0	0.0	0.
301	85.2	-460.0	7.0	238.	-218.	456.	-.00339	-.00659	0.00320	0.1	0.1	0.1	0.
302	630.0	85.2	1.0	335.	-120.	456.	0.00538	0.00218	0.00320	0.0	0.0	0.0	0.
303	54.8	-490.0	8.0	231.	-224.	456.	-.00380	-.00700	0.00320	0.1	0.1	0.1	0.
304	662.0	145.8	9.0	340.	-101.	441.	0.00597	0.00301	0.00297	0.1	0.2	0.1	0.
305	904.0	388.0	2.0	370.	-71.	441.	0.01083	0.00786	0.00296	0.0	0.0	0.0	0.
306	722.0	206.0	3.0	348.	-93.	441.	0.00713	0.00417	0.00296	0.0	0.1	0.0	0.
307	176.0	-340.0	23.0	257.	-184.	441.	-.00210	-.00507	0.00296	0.2	0.3	0.2	0.
308	298.0	-218.0	3.0	281.	-161.	441.	-.00026	-.00323	0.00296	0.0	0.0	0.0	0.
309	268.0	-248.0	16.0	275.	-166.	441.	-.00073	-.00369	0.00296	0.2	0.2	0.2	0.
310	206.0	-310.0	32.0	263.	-178.	441.	-.00166	-.00463	0.00296	0.3	0.4	0.3	0.
311	328.0	-187.8	4.0	286.	-155.	441.	0.00021	-.00276	0.00296	0.0	0.1	0.0	0.
312	-36.2	-552.0	2.0	210.	-231.	441.	-.00499	-.00795	0.00296	0.0	0.0	0.0	0.
313	145.8	-370.0	16.0	251.	-190.	441.	-.00254	-.00550	0.00296	0.2	0.2	0.2	0.
314	540.0	24.4	6.0	322.	-119.	441.	0.00376	0.00080	0.00296	0.1	0.1	0.1	0.
315	-66.4	-582.0	2.0	203.	-238.	441.	-.00537	-.00833	0.00296	0.0	0.0	0.0	0.
316	358.0	-157.4	1.0	292.	-149.	441.	0.00068	-.00228	0.00296	0.0	0.0	0.0	0.
317	115.4	-400.0	14.0	244.	-196.	441.	-.00297	-.00593	0.00296	0.1	0.1	0.1	0.
318	570.0	54.8	3.0	326.	-114.	441.	0.00430	0.00134	0.00296	0.0	0.0	0.0	0.
319	85.2	-430.0	12.0	238.	-203.	441.	-.00339	-.00634	0.00296	0.1	0.1	0.1	0.
320	388.0	-127.0	4.0	297.	-144.	441.	0.00117	-.00178	0.00296	0.0	0.1	0.0	0.
321	600.0	85.2	2.0	331.	-110.	440.	0.00484	0.00188	0.00296	0.0	0.0	0.0	0.
322	54.8	-460.0	6.0	231.	-209.	440.	-.00380	-.00675	0.00296	0.1	0.1	0.1	0.
323	630.0	115.4	3.0	335.	-105.	440.	0.00538	0.00243	0.00295	0.0	0.1	0.0	0.
324	812.0	298.0	3.0	359.	-81.	440.	0.00893	0.00598	0.00295	0.0	0.1	0.0	0.
325	236.0	-278.0	22.0	269.	-171.	440.	-.00121	-.00416	0.00295	0.2	0.3	0.2	0.
326	844.0	358.0	3.0	363.	-62.	425.	0.00958	0.00685	0.00273	0.0	0.1	0.0	0.
327	692.0	206.0	3.0	344.	-81.	425.	0.00655	0.00382	0.00273	0.0	0.0	0.0	0.
328	662.0	176.0	3.0	340.	-85.	425.	0.00597	0.00324	0.00273	0.0	0.0	0.0	0.
329	268.0	-218.0	22.0	275.	-150.	425.	-.00073	-.00346	0.00273	0.2	0.2	0.2	0.
330	176.0	-310.0	28.0	257.	-168.	425.	-.00210	-.00483	0.00273	0.2	0.3	0.2	0.
331	480.0	-5.8	3.0	312.	-113.	425.	0.00272	-.00001	0.00273	0.0	0.0	0.0	0.
332	145.8	-340.0	23.0	251.	-174.	425.	-.00254	-.00527	0.00273	0.2	0.2	0.2	0.
333	-36.2	-522.0	1.0	210.	-215.	425.	-.00499	-.00772	0.00273	0.0	0.0	0.0	0.

Results for t3b1s2_Kt=2.out : Crack Initiation Using saefcalc2

334	298.0	-187.8	15.0	281.	-144.	425.	-.00026	-.00299	0.00273	0.1	0.2	0.1	0.0
335	510.0	24.4	3.0	317.	-108.	425.	0.00324	0.00051	0.00273	0.0	0.0	0.0	0.0
336	-66.4	-552.0	1.0	203.	-222.	425.	-.00537	-.00810	0.00273	0.0	0.0	0.0	0.0
337	328.0	-157.4	4.0	286.	-139.	425.	0.00021	-.00252	0.00272	0.0	0.0	0.0	0.0
338	115.4	-370.0	16.0	244.	-180.	425.	-.00297	-.00569	0.00272	0.1	0.1	0.1	0.0
339	85.2	-400.0	12.0	238.	-187.	425.	-.00339	-.00611	0.00272	0.1	0.1	0.1	0.0
340	-96.8	-582.0	2.0	195.	-230.	425.	-.00574	-.00846	0.00272	0.0	0.0	0.0	0.0
341	358.0	-127.0	2.0	292.	-133.	425.	0.00068	-.00204	0.00272	0.0	0.0	0.0	0.0
342	570.0	85.2	6.0	326.	-98.	424.	0.00430	0.00158	0.00272	0.0	0.1	0.0	0.0
343	388.0	-96.8	1.0	297.	-128.	424.	0.00117	-.00155	0.00272	0.0	0.0	0.0	0.0
344	54.8	-430.0	11.0	231.	-193.	424.	-.00380	-.00652	0.00272	0.1	0.1	0.1	0.0
345	600.0	115.4	3.0	331.	-93.	424.	0.00484	0.00212	0.00272	0.0	0.0	0.0	0.0
346	418.0	-66.4	1.0	302.	-122.	424.	0.00167	-.00105	0.00272	0.0	0.0	0.0	0.0
347	24.4	-460.0	6.0	224.	-200.	424.	-.00420	-.00692	0.00272	0.0	0.0	0.0	0.0
348	630.0	145.8	6.0	335.	-89.	424.	0.00538	0.00267	0.00272	0.0	0.1	0.0	0.0
349	-5.8	-490.0	2.0	217.	-207.	424.	-.00460	-.00732	0.00272	0.0	0.0	0.0	0.0
350	812.0	328.0	3.0	359.	-65.	424.	0.00893	0.00621	0.00271	0.0	0.1	0.0	0.0
351	752.0	268.0	3.0	352.	-72.	424.	0.00772	0.00501	0.00271	0.0	0.0	0.0	0.0
352	236.0	-248.0	18.0	269.	-155.	424.	-.00121	-.00393	0.00271	0.1	0.2	0.1	0.0
353	206.0	-278.0	17.0	263.	-161.	424.	-.00166	-.00438	0.00271	0.1	0.2	0.1	0.0
354	844.0	388.0	1.0	363.	-45.	408.	0.00958	0.00708	0.00250	0.0	0.0	0.0	0.0
355	692.0	236.0	3.0	344.	-64.	408.	0.00655	0.00405	0.00250	0.0	0.0	0.0	0.0
356	662.0	206.0	7.0	340.	-68.	408.	0.00597	0.00347	0.00250	0.0	0.1	0.0	0.0
357	145.8	-310.0	16.0	251.	-157.	408.	-.00254	-.00504	0.00250	0.1	0.1	0.1	0.0
358	268.0	-187.8	12.0	275.	-133.	408.	-.00073	-.00323	0.00250	0.1	0.1	0.1	0.0
359	480.0	24.4	3.0	312.	-96.	408.	0.00272	0.00022	0.00250	0.0	0.0	0.0	0.0
360	115.4	-340.0	17.0	244.	-163.	408.	-.00297	-.00547	0.00250	0.1	0.1	0.1	0.0
361	298.0	-157.4	8.0	281.	-127.	408.	-.00026	-.00276	0.00250	0.0	0.1	0.0	0.0
362	510.0	54.8	3.0	317.	-91.	408.	0.00324	0.00074	0.00250	0.0	0.0	0.0	0.0
363	85.2	-370.0	11.0	238.	-170.	408.	-.00339	-.00588	0.00250	0.1	0.1	0.1	0.0
364	328.0	-127.0	4.0	286.	-122.	408.	0.00021	-.00229	0.00249	0.0	0.0	0.0	0.0
365	-127.0	-582.0	5.0	186.	-222.	408.	-.00609	-.00858	0.00249	0.0	0.0	0.0	0.0
366	54.8	-400.0	13.0	231.	-176.	408.	-.00380	-.00629	0.00249	0.1	0.1	0.1	0.0
367	358.0	-96.8	2.0	292.	-116.	408.	0.00068	-.00181	0.00249	0.0	0.0	0.0	0.0
368	570.0	115.4	3.0	326.	-81.	407.	0.00430	0.00181	0.00249	0.0	0.0	0.0	0.0
369	388.0	-66.4	6.0	297.	-111.	407.	0.00117	-.00132	0.00249	0.0	0.1	0.0	0.0
370	24.4	-430.0	12.0	224.	-183.	407.	-.00420	-.00669	0.00249	0.1	0.1	0.1	0.0
371	600.0	145.8	20.0	331.	-76.	407.	0.00484	0.00235	0.00249	0.1	0.3	0.1	0.0
372	-5.8	-460.0	13.0	217.	-190.	407.	-.00460	-.00709	0.00249	0.1	0.1	0.1	0.0
373	782.0	328.0	3.0	355.	-52.	407.	0.00832	0.00583	0.00249	0.0	0.0	0.0	0.0
374	752.0	298.0	3.0	352.	-55.	407.	0.00772	0.00524	0.00249	0.0	0.0	0.0	0.0
375	630.0	176.0	6.0	335.	-72.	407.	0.00538	0.00290	0.00249	0.0	0.1	0.0	0.0
376	176.0	-278.0	32.0	257.	-150.	407.	-.00210	-.00459	0.00249	0.2	0.2	0.2	0.0
377	236.0	-218.0	30.0	269.	-138.	407.	-.00121	-.00370	0.00249	0.2	0.3	0.2	0.0
378	206.0	-248.0	25.0	263.	-144.	407.	-.00166	-.00415	0.00249	0.2	0.2	0.2	0.0
379	-36.2	-490.0	4.0	210.	-197.	407.	-.00499	-.00748	0.00249	0.0	0.0	0.0	0.0
380	662.0	236.0	3.0	340.	-49.	389.	0.00597	0.00368	0.00229	0.0	0.0	0.0	0.0
381	115.4	-310.0	26.0	244.	-145.	389.	-.00297	-.00525	0.00229	0.1	0.2	0.1	0.0
382	268.0	-157.4	13.0	275.	-114.	389.	-.00073	-.00301	0.00229	0.1	0.1	0.1	0.0
383	480.0	54.8	4.0	312.	-77.	389.	0.00272	0.00044	0.00228	0.0	0.0	0.0	0.0
384	85.2	-340.0	19.0	238.	-151.	389.	-.00339	-.00567	0.00228	0.1	0.1	0.1	0.0
385	298.0	-127.0	8.0	281.	-108.	389.	-.00026	-.00255	0.00228	0.0	0.1	0.0	0.0
386	-127.0	-552.0	6.0	186.	-203.	389.	-.00609	-.00837	0.00228	0.0	0.0	0.0	0.0
387	510.0	85.2	3.0	317.	-72.	389.	0.00324	0.00096	0.00228	0.0	0.0	0.0	0.0
388	328.0	-96.8	5.0	286.	-103.	389.	0.00021	-.00207	0.00228	0.0	0.0	0.0	0.0
389	54.8	-370.0	10.0	231.	-158.	389.	-.00380	-.00608	0.00228	0.1	0.1	0.1	0.0
390	540.0	115.4	12.0	322.	-67.	388.	0.00376	0.00148	0.00228	0.1	0.1	0.1	0.0
391	24.4	-400.0	8.0	224.	-164.	388.	-.00420	-.00648	0.00228	0.0	0.0	0.0	0.0
392	358.0	-66.4	1.0	292.	-97.	388.	0.00068	-.00159	0.00228	0.0	0.0	0.0	0.0
393	570.0	145.8	12.0	326.	-62.	388.	0.00430	0.00202	0.00228	0.1	0.1	0.1	0.0
394	-187.8	-612.0	1.0	168.	-220.	388.	-.00678	-.00906	0.00228	0.0	0.0	0.0	0.0
395	388.0	-36.2	3.0	297.	-91.	388.	0.00117	-.00110	0.00228	0.0	0.0	0.0	0.0

Results for t3b1s2_Kt=2.out : Crack Initiation Using saefcalc2

396	-5.8	-430.0	9.0	217.	-171.	388.	-.00460	-.00688	0.00228	0.0	0.0	0.0	0.0
397	782.0	358.0	3.0	355.	-33.	388.	0.00832	0.00605	0.00228	0.0	0.0	0.0	0.0
398	752.0	328.0	3.0	352.	-36.	388.	0.00772	0.00545	0.00228	0.0	0.0	0.0	0.0
399	722.0	298.0	6.0	348.	-40.	388.	0.00713	0.00486	0.00228	0.0	0.1	0.0	0.0
400	692.0	268.0	3.0	344.	-44.	388.	0.00655	0.00427	0.00228	0.0	0.0	0.0	0.0
401	630.0	206.0	8.0	335.	-53.	388.	0.00538	0.00311	0.00228	0.0	0.1	0.0	0.0
402	600.0	176.0	7.0	331.	-57.	388.	0.00484	0.00256	0.00228	0.0	0.1	0.0	0.0
403	176.0	-248.0	17.0	257.	-131.	388.	-.00210	-.00438	0.00228	0.1	0.1	0.1	0.0
404	206.0	-218.0	20.0	263.	-125.	388.	-.00166	-.00394	0.00228	0.1	0.1	0.1	0.0
405	-36.2	-460.0	7.0	210.	-178.	388.	-.00499	-.00726	0.00227	0.0	0.0	0.0	0.0
406	145.8	-278.0	19.0	251.	-137.	388.	-.00254	-.00482	0.00227	0.1	0.1	0.1	0.0
407	236.0	-187.8	12.0	269.	-119.	388.	-.00121	-.00349	0.00227	0.1	0.1	0.1	0.0
408	448.0	24.4	2.0	307.	-81.	388.	0.00217	-.00010	0.00227	0.0	0.0	0.0	0.0
409	85.2	-310.0	20.0	238.	-132.	370.	-.00339	-.00546	0.00207	0.1	0.1	0.1	0.0
410	-127.0	-522.0	4.0	186.	-184.	370.	-.00609	-.00816	0.00207	0.0	0.0	0.0	0.0
411	268.0	-127.0	10.0	275.	-95.	370.	-.00073	-.00280	0.00207	0.0	0.1	0.0	0.0
412	54.8	-340.0	12.0	231.	-138.	370.	-.00380	-.00587	0.00207	0.1	0.1	0.1	0.0
413	480.0	85.2	9.0	312.	-58.	370.	0.00272	0.00065	0.00207	0.0	0.1	0.0	0.0
414	298.0	-96.8	12.0	281.	-89.	370.	-.00026	-.00234	0.00207	0.1	0.1	0.1	0.0
415	510.0	115.4	3.0	317.	-53.	369.	0.00324	0.00117	0.00207	0.0	0.0	0.0	0.0
416	-157.4	-552.0	5.0	177.	-192.	369.	-.00644	-.00851	0.00207	0.0	0.0	0.0	0.0
417	24.4	-370.0	6.0	224.	-145.	369.	-.00420	-.00627	0.00207	0.0	0.0	0.0	0.0
418	328.0	-66.4	5.0	286.	-83.	369.	0.00021	-.00186	0.00207	0.0	0.0	0.0	0.0
419	540.0	145.8	21.0	322.	-48.	369.	0.00376	0.00170	0.00207	0.1	0.2	0.1	0.0
420	-187.8	-582.0	1.0	168.	-201.	369.	-.00678	-.00885	0.00207	0.0	0.0	0.0	0.0
421	358.0	-36.2	1.0	292.	-78.	369.	0.00068	-.00138	0.00207	0.0	0.0	0.0	0.0
422	-5.8	-400.0	19.0	217.	-152.	369.	-.00460	-.00667	0.00207	0.1	0.1	0.1	0.0
423	176.0	-218.0	21.0	257.	-112.	369.	-.00210	-.00417	0.00207	0.1	0.1	0.1	0.0
424	722.0	328.0	12.0	348.	-21.	369.	0.00713	0.00507	0.00207	0.1	0.1	0.1	0.0
425	692.0	298.0	3.0	344.	-25.	369.	0.00655	0.00448	0.00207	0.0	0.0	0.0	0.0
426	662.0	268.0	22.0	340.	-29.	369.	0.00597	0.00391	0.00207	0.1	0.2	0.1	0.0
427	630.0	236.0	15.0	335.	-34.	369.	0.00538	0.00332	0.00207	0.1	0.1	0.1	0.0
428	600.0	206.0	27.0	331.	-38.	369.	0.00484	0.00277	0.00207	0.1	0.2	0.1	0.0
429	570.0	176.0	9.0	326.	-43.	369.	0.00430	0.00223	0.00207	0.0	0.1	0.0	0.0
430	388.0	-5.8	2.0	297.	-72.	369.	0.00117	-.00089	0.00207	0.0	0.0	0.0	0.0
431	-36.2	-430.0	33.0	210.	-159.	369.	-.00499	-.00705	0.00206	0.1	0.1	0.1	0.0
432	145.8	-248.0	32.0	251.	-118.	369.	-.00254	-.00461	0.00206	0.1	0.2	0.1	0.0
433	206.0	-187.8	15.0	263.	-106.	369.	-.00166	-.00373	0.00206	0.1	0.1	0.1	0.0
434	418.0	24.4	4.0	302.	-67.	369.	0.00167	-.00039	0.00206	0.0	0.0	0.0	0.0
435	-66.4	-460.0	4.0	203.	-166.	369.	-.00537	-.00743	0.00206	0.0	0.0	0.0	0.0
436	115.4	-278.0	19.0	244.	-124.	369.	-.00297	-.00503	0.00206	0.1	0.1	0.1	0.0
437	236.0	-157.4	21.0	269.	-100.	369.	-.00121	-.00328	0.00206	0.1	0.1	0.1	0.0
438	-96.8	-490.0	2.0	195.	-174.	369.	-.00574	-.00780	0.00206	0.0	0.0	0.0	0.0
439	54.8	-310.0	21.0	231.	-120.	351.	-.00380	-.00566	0.00186	0.1	0.1	0.1	0.0
440	268.0	-96.8	16.0	275.	-76.	351.	-.00073	-.00259	0.00186	0.1	0.1	0.1	0.0
441	480.0	115.4	10.0	312.	-39.	351.	0.00272	0.00086	0.00186	0.0	0.1	0.0	0.0
442	-157.4	-522.0	1.0	177.	-173.	351.	-.00644	-.00830	0.00186	0.0	0.0	0.0	0.0
443	298.0	-66.4	5.0	281.	-70.	351.	-.00026	-.00212	0.00186	0.0	0.0	0.0	0.0
444	24.4	-340.0	26.0	224.	-126.	351.	-.00420	-.00607	0.00186	0.1	0.1	0.1	0.0
445	-187.8	-552.0	4.0	168.	-182.	350.	-.00678	-.00864	0.00186	0.0	0.0	0.0	0.0
446	510.0	145.8	6.0	317.	-34.	350.	0.00324	0.00138	0.00186	0.0	0.0	0.0	0.0
447	328.0	-36.2	11.0	286.	-64.	350.	0.00021	-.00165	0.00186	0.0	0.1	0.0	0.0
448	-5.8	-370.0	21.0	217.	-133.	350.	-.00460	-.00646	0.00186	0.1	0.1	0.1	0.0
449	752.0	388.0	3.0	352.	1.	350.	0.00772	0.00587	0.00186	0.0	0.0	0.0	0.0
450	722.0	358.0	9.0	348.	-2.	350.	0.00713	0.00528	0.00186	0.0	0.1	0.0	0.0
451	-218.0	-582.0	2.0	159.	-191.	350.	-.00711	-.00897	0.00186	0.0	0.0	0.0	0.0
452	692.0	328.0	20.0	344.	-6.	350.	0.00655	0.00469	0.00186	0.1	0.2	0.1	0.0
453	662.0	298.0	21.0	340.	-10.	350.	0.00597	0.00412	0.00186	0.1	0.2	0.1	0.0
454	600.0	236.0	18.0	331.	-19.	350.	0.00484	0.00298	0.00186	0.1	0.1	0.1	0.0
455	570.0	206.0	26.0	326.	-24.	350.	0.00430	0.00244	0.00186	0.1	0.2	0.1	0.0
456	540.0	176.0	22.0	322.	-29.	350.	0.00376	0.00191	0.00186	0.1	0.1	0.1	0.0
457	358.0	-5.8	5.0	292.	-59.	350.	0.00068	-.00117	0.00186	0.0	0.0	0.0	0.0

Results for t3b1s2_Kt=2.out : Crack Initiation Using saefcalc2

458	-36.2	-400.0	50.0	210.	-140.	350.	-.00499	-.00685	0.00186	0.2	0.2	0.2	0.
459	176.0	-187.8	15.0	257.	-93.	350.	-.00210	-.00396	0.00186	0.1	0.1	0.1	0.
460	145.8	-218.0	33.0	251.	-99.	350.	-.00254	-.00440	0.00186	0.1	0.1	0.1	0.
461	388.0	24.4	8.0	297.	-53.	350.	0.00117	-.00068	0.00186	0.0	0.0	0.0	0.
462	-66.4	-430.0	26.0	203.	-147.	350.	-.00537	-.00722	0.00186	0.1	0.1	0.1	0.
463	115.4	-248.0	21.0	244.	-105.	350.	-.00297	-.00482	0.00185	0.1	0.1	0.1	0.
464	206.0	-157.4	21.0	263.	-87.	350.	-.00166	-.00352	0.00185	0.1	0.1	0.1	0.
465	85.2	-278.0	24.0	238.	-112.	350.	-.00339	-.00524	0.00185	0.1	0.1	0.1	0.
466	-96.8	-460.0	4.0	195.	-155.	350.	-.00574	-.00759	0.00185	0.0	0.0	0.0	0.
467	418.0	54.8	1.0	302.	-48.	350.	0.00167	-.00018	0.00185	0.0	0.0	0.0	0.
468	-127.0	-490.0	1.0	186.	-164.	350.	-.00609	-.00794	0.00185	0.0	0.0	0.0	0.
469	236.0	-127.0	16.0	269.	-81.	350.	-.00121	-.00307	0.00185	0.1	0.1	0.1	0.
470	630.0	268.0	11.0	335.	-13.	349.	0.00538	0.00354	0.00184	0.0	0.1	0.0	0.
471	24.4	-310.0	20.0	224.	-107.	331.	-.00420	-.00586	0.00166	0.1	0.1	0.1	0.
472	268.0	-66.4	1.0	275.	-56.	331.	-.00073	-.00239	0.00166	0.0	0.0	0.0	0.
473	480.0	145.8	18.0	312.	-19.	331.	0.00272	0.00106	0.00166	0.1	0.1	0.1	0.
474	298.0	-36.2	9.0	281.	-51.	331.	-.00026	-.00192	0.00166	0.0	0.0	0.0	0.
475	-5.8	-340.0	30.0	217.	-114.	331.	-.00460	-.00626	0.00166	0.1	0.1	0.1	0.
476	782.0	448.0	11.0	355.	25.	331.	0.00832	0.00667	0.00166	0.0	0.1	0.0	0.
477	752.0	418.0	9.0	352.	21.	331.	0.00772	0.00607	0.00166	0.0	0.1	0.0	0.
478	722.0	388.0	8.0	348.	17.	331.	0.00713	0.00548	0.00166	0.0	0.1	0.0	0.
479	692.0	358.0	12.0	344.	13.	331.	0.00655	0.00489	0.00166	0.0	0.1	0.0	0.
480	662.0	328.0	17.0	340.	9.	331.	0.00597	0.00432	0.00166	0.0	0.1	0.0	0.
481	-278.0	-612.0	6.0	139.	-192.	331.	-.00773	-.00939	0.00166	0.0	0.0	0.0	0.
482	570.0	236.0	18.0	326.	-5.	331.	0.00430	0.00264	0.00166	0.1	0.1	0.1	0.
483	540.0	206.0	6.0	322.	-9.	331.	0.00376	0.00211	0.00166	0.0	0.0	0.0	0.
484	510.0	176.0	24.0	317.	-14.	331.	0.00324	0.00158	0.00166	0.1	0.1	0.1	0.
485	-218.0	-552.0	2.0	159.	-172.	331.	-.00711	-.00876	0.00166	0.0	0.0	0.0	0.
486	328.0	-5.8	7.0	286.	-45.	331.	0.00021	-.00145	0.00165	0.0	0.0	0.0	0.
487	-36.2	-370.0	55.0	210.	-121.	331.	-.00499	-.00664	0.00165	0.2	0.2	0.2	0.
488	-66.4	-400.0	86.0	203.	-128.	331.	-.00537	-.00702	0.00165	0.2	0.3	0.2	0.
489	358.0	24.4	3.0	292.	-39.	331.	0.00068	-.00097	0.00165	0.0	0.0	0.0	0.
490	145.8	-187.8	20.0	251.	-80.	331.	-.00254	-.00419	0.00165	0.1	0.1	0.1	0.
491	176.0	-157.4	25.0	257.	-73.	331.	-.00210	-.00376	0.00165	0.1	0.1	0.1	0.
492	115.4	-218.0	36.0	244.	-86.	331.	-.00297	-.00462	0.00165	0.1	0.1	0.1	0.
493	85.2	-248.0	30.0	238.	-93.	330.	-.00339	-.00504	0.00165	0.1	0.1	0.1	0.
494	-96.8	-430.0	12.0	195.	-136.	330.	-.00574	-.00739	0.00165	0.0	0.0	0.0	0.
495	388.0	54.8	2.0	297.	-34.	330.	0.00117	-.00048	0.00165	0.0	0.0	0.0	0.
496	-127.0	-460.0	4.0	186.	-144.	330.	-.00609	-.00774	0.00165	0.0	0.0	0.0	0.
497	206.0	-127.0	10.0	263.	-67.	330.	-.00166	-.00331	0.00165	0.0	0.0	0.0	0.
498	236.0	-96.8	11.0	269.	-61.	330.	-.00121	-.00286	0.00165	0.0	0.0	0.0	0.
499	54.8	-278.0	28.0	231.	-99.	330.	-.00380	-.00545	0.00165	0.1	0.1	0.1	0.
500	418.0	85.2	3.0	302.	-28.	330.	0.00167	0.00002	0.00165	0.0	0.0	0.0	0.
501	-157.4	-490.0	1.0	177.	-153.	330.	-.00644	-.00808	0.00165	0.0	0.0	0.0	0.
502	448.0	115.4	9.0	307.	-23.	330.	0.00217	0.00053	0.00165	0.0	0.0	0.0	0.
503	630.0	298.0	6.0	335.	6.	330.	0.00538	0.00374	0.00164	0.0	0.0	0.0	0.
504	600.0	268.0	15.0	331.	1.	330.	0.00484	0.00319	0.00164	0.0	0.1	0.0	0.
505	268.0	-36.2	15.0	275.	-29.	304.	-.00073	-.00222	0.00149	0.0	0.1	0.0	0.
506	-5.8	-310.0	26.0	217.	-87.	304.	-.00460	-.00609	0.00149	0.1	0.1	0.1	0.
507	722.0	418.0	4.0	348.	44.	304.	0.00713	0.00564	0.00149	0.0	0.0	0.0	0.
508	692.0	388.0	13.0	344.	40.	304.	0.00655	0.00506	0.00149	0.0	0.1	0.0	0.
509	662.0	358.0	27.0	340.	36.	304.	0.00597	0.00448	0.00149	0.1	0.1	0.1	0.
510	-278.0	-582.0	11.0	139.	-165.	304.	-.00773	-.00923	0.00149	0.0	0.0	0.0	0.
511	540.0	236.0	48.0	322.	18.	304.	0.00376	0.00227	0.00149	0.1	0.2	0.1	0.
512	510.0	206.0	22.0	317.	13.	304.	0.00324	0.00174	0.00149	0.1	0.1	0.1	0.
513	480.0	176.0	13.0	312.	8.	304.	0.00272	0.00123	0.00149	0.0	0.1	0.0	0.
514	-248.0	-552.0	10.0	149.	-155.	304.	-.00742	-.00892	0.00149	0.0	0.0	0.0	0.
515	298.0	-5.8	7.0	281.	-23.	304.	-.00026	-.00176	0.00149	0.0	0.0	0.0	0.
516	-36.2	-340.0	66.0	210.	-94.	304.	-.00499	-.00648	0.00149	0.2	0.2	0.2	0.
517	328.0	24.4	3.0	286.	-17.	303.	0.00021	-.00128	0.00149	0.0	0.0	0.0	0.
518	-66.4	-370.0	135.0	203.	-101.	303.	-.00537	-.00686	0.00149	0.3	0.4	0.3	0.
519	-96.8	-400.0	67.0	195.	-108.	303.	-.00574	-.00723	0.00149	0.2	0.2	0.2	0.

Results for t3b1s2_Kt=2.out : Crack Initiation Using saefcalc2

520	85.2	-218.0	30.0	238.	-65.	303.	-.00339	-.00488	0.00149	0.1	0.1	0.1	0.
521	145.8	-157.4	31.0	251.	-52.	303.	-.00254	-.00403	0.00149	0.1	0.1	0.1	0.
522	115.4	-187.8	21.0	244.	-59.	303.	-.00297	-.00446	0.00149	0.0	0.1	0.0	0.
523	358.0	54.8	1.0	292.	-12.	303.	0.00068	-.00081	0.00149	0.0	0.0	0.0	0.
524	176.0	-127.0	10.0	257.	-46.	303.	-.00210	-.00359	0.00149	0.0	0.0	0.0	0.
525	-127.0	-430.0	14.0	186.	-117.	303.	-.00609	-.00758	0.00149	0.0	0.0	0.0	0.
526	54.8	-248.0	37.0	231.	-72.	303.	-.00380	-.00529	0.00149	0.1	0.1	0.1	0.
527	206.0	-96.8	11.0	263.	-40.	303.	-.00166	-.00315	0.00149	0.0	0.0	0.0	0.
528	388.0	85.2	3.0	297.	-6.	303.	0.00117	-.00032	0.00149	0.0	0.0	0.0	0.
529	418.0	115.4	8.0	302.	-1.	302.	0.00167	0.00018	0.00149	0.0	0.0	0.0	0.
530	236.0	-66.4	19.0	269.	-33.	302.	-.00121	-.00270	0.00149	0.0	0.1	0.0	0.
531	24.4	-278.0	17.0	224.	-78.	302.	-.00420	-.00569	0.00149	0.0	0.1	0.0	0.
532	448.0	145.8	9.0	307.	5.	302.	0.00217	0.00069	0.00149	0.0	0.0	0.0	0.
533	-187.8	-490.0	1.0	168.	-134.	302.	-.00678	-.00826	0.00149	0.0	0.0	0.0	0.
534	812.0	510.0	3.0	359.	57.	302.	0.00893	0.00744	0.00148	0.0	0.0	0.0	0.
535	782.0	480.0	6.0	355.	54.	302.	0.00832	0.00684	0.00148	0.0	0.0	0.0	0.
536	630.0	328.0	24.0	335.	34.	302.	0.00538	0.00390	0.00148	0.1	0.1	0.1	0.
537	600.0	298.0	15.0	331.	29.	302.	0.00484	0.00335	0.00148	0.0	0.1	0.0	0.
538	570.0	268.0	27.0	326.	24.	302.	0.00430	0.00281	0.00148	0.1	0.1	0.1	0.
539	-340.0	-642.0	3.0	116.	-186.	302.	-.00834	-.00983	0.00148	0.0	0.0	0.0	0.
540	844.0	570.0	3.0	363.	89.	274.	0.00958	0.00823	0.00135	0.0	0.0	0.0	0.
541	722.0	448.0	19.0	348.	74.	274.	0.00713	0.00579	0.00135	0.0	0.1	0.0	0.
542	-278.0	-552.0	16.0	139.	-135.	274.	-.00773	-.00908	0.00135	0.0	0.0	0.0	0.
543	692.0	418.0	9.0	344.	70.	274.	0.00655	0.00520	0.00135	0.0	0.0	0.0	0.
544	662.0	388.0	27.0	340.	66.	274.	0.00597	0.00463	0.00135	0.0	0.1	0.0	0.
545	510.0	236.0	37.0	317.	43.	274.	0.00324	0.00189	0.00135	0.1	0.2	0.1	0.
546	480.0	206.0	24.0	312.	38.	274.	0.00272	0.00137	0.00135	0.0	0.1	0.0	0.
547	-248.0	-522.0	8.0	149.	-125.	274.	-.00742	-.00877	0.00135	0.0	0.0	0.0	0.
548	268.0	-5.8	10.0	275.	1.	274.	-.00073	-.00207	0.00135	0.0	0.0	0.0	0.
549	-36.2	-310.0	35.0	210.	-64.	274.	-.00499	-.00633	0.00135	0.1	0.1	0.1	0.
550	298.0	24.4	4.0	281.	7.	273.	-.00026	-.00161	0.00134	0.0	0.0	0.0	0.
551	-66.4	-340.0	138.0	203.	-71.	273.	-.00537	-.00671	0.00134	0.3	0.3	0.3	0.
552	-96.8	-370.0	211.0	195.	-78.	273.	-.00574	-.00708	0.00134	0.4	0.5	0.4	0.
553	328.0	54.8	5.0	286.	13.	273.	0.00021	-.00114	0.00134	0.0	0.0	0.0	0.
554	-127.0	-400.0	35.0	186.	-87.	273.	-.00609	-.00743	0.00134	0.1	0.1	0.1	0.
555	85.2	-187.8	39.0	238.	-35.	273.	-.00339	-.00473	0.00134	0.1	0.1	0.1	0.
556	145.8	-127.0	32.0	251.	-22.	273.	-.00254	-.00388	0.00134	0.1	0.1	0.1	0.
557	115.4	-157.4	32.0	244.	-28.	273.	-.00297	-.00431	0.00134	0.1	0.1	0.1	0.
558	358.0	85.2	3.0	292.	19.	273.	0.00068	-.00066	0.00134	0.0	0.0	0.0	0.
559	176.0	-96.8	28.0	257.	-16.	273.	-.00210	-.00345	0.00134	0.1	0.1	0.1	0.
560	54.8	-218.0	44.0	231.	-42.	273.	-.00380	-.00514	0.00134	0.1	0.1	0.1	0.
561	388.0	115.4	3.0	297.	24.	272.	0.00117	-.00017	0.00134	0.0	0.0	0.0	0.
562	-157.4	-430.0	9.0	177.	-95.	272.	-.00644	-.00778	0.00134	0.0	0.0	0.0	0.
563	206.0	-66.4	16.0	263.	-9.	272.	-.00166	-.00300	0.00134	0.0	0.1	0.0	0.
564	24.4	-248.0	29.0	224.	-48.	272.	-.00420	-.00554	0.00134	0.1	0.1	0.1	0.
565	418.0	145.8	10.0	302.	30.	272.	0.00167	0.00033	0.00134	0.0	0.0	0.0	0.
566	236.0	-36.2	20.0	269.	-3.	272.	-.00121	-.00255	0.00134	0.0	0.1	0.0	0.
567	-5.8	-278.0	37.0	217.	-55.	272.	-.00460	-.00594	0.00134	0.1	0.1	0.1	0.
568	752.0	480.0	4.0	352.	80.	272.	0.00772	0.00639	0.00134	0.0	0.0	0.0	0.
569	-370.0	-642.0	2.0	104.	-168.	272.	-.00862	-.00996	0.00134	0.0	0.0	0.0	0.
570	630.0	358.0	43.0	335.	64.	272.	0.00538	0.00405	0.00134	0.1	0.2	0.1	0.
571	-310.0	-582.0	10.0	128.	-144.	272.	-.00805	-.00939	0.00134	0.0	0.0	0.0	0.
572	600.0	328.0	52.0	331.	59.	272.	0.00484	0.00350	0.00134	0.1	0.2	0.1	0.
573	570.0	298.0	57.0	326.	54.	272.	0.00430	0.00296	0.00134	0.1	0.2	0.1	0.
574	448.0	176.0	14.0	307.	35.	272.	0.00217	0.00084	0.00134	0.0	0.1	0.0	0.
575	540.0	268.0	28.0	322.	50.	272.	0.00376	0.00243	0.00134	0.1	0.1	0.1	0.
576	-218.0	-490.0	5.0	159.	-113.	272.	-.00711	-.00845	0.00134	0.0	0.0	0.0	0.
577	692.0	448.0	16.0	344.	100.	244.	0.00655	0.00535	0.00120	0.0	0.1	0.0	0.
578	662.0	418.0	32.0	340.	96.	244.	0.00597	0.00478	0.00120	0.0	0.1	0.0	0.
579	480.0	236.0	49.0	312.	68.	244.	0.00272	0.00152	0.00120	0.1	0.2	0.1	0.
580	-278.0	-522.0	10.0	139.	-105.	244.	-.00773	-.00893	0.00120	0.0	0.0	0.0	0.
581	268.0	24.4	13.0	275.	31.	243.	-.00073	-.00192	0.00120	0.0	0.0	0.0	0.

Results for t3b1s2_Kt=2.out : Crack Initiation Using saefcalc2

582	-66.4	-310.0	93.0	203.	-41.	243.	-.00537	-.00657	0.00120	0.1	0.2	0.1	0.0
583	298.0	54.8	3.0	281.	37.	243.	-.00026	-.00146	0.00120	0.0	0.0	0.0	0.0
584	-96.8	-340.0	285.0	195.	-48.	243.	-.00574	-.00693	0.00120	0.4	0.5	0.4	0.0
585	-127.0	-370.0	139.0	186.	-57.	243.	-.00609	-.00728	0.00119	0.2	0.3	0.2	0.0
586	-157.4	-400.0	10.0	177.	-65.	242.	-.00644	-.00763	0.00119	0.0	0.0	0.0	0.0
587	358.0	115.4	7.0	292.	49.	242.	0.00068	-.00051	0.00119	0.0	0.0	0.0	0.0
588	54.8	-187.8	34.0	231.	-11.	242.	-.00380	-.00499	0.00119	0.0	0.1	0.0	0.0
589	145.8	-96.8	21.0	251.	9.	242.	-.00254	-.00373	0.00119	0.0	0.1	0.0	0.0
590	85.2	-157.4	39.0	238.	-5.	242.	-.00339	-.00458	0.00119	0.1	0.1	0.1	0.0
591	24.4	-218.0	32.0	224.	-18.	242.	-.00420	-.00540	0.00119	0.0	0.1	0.0	0.0
592	176.0	-66.4	22.0	257.	15.	242.	-.00210	-.00330	0.00119	0.0	0.1	0.0	0.0
593	115.4	-127.0	33.0	244.	2.	242.	-.00297	-.00416	0.00119	0.0	0.1	0.0	0.0
594	-187.8	-430.0	3.0	168.	-74.	242.	-.00678	-.00797	0.00119	0.0	0.0	0.0	0.0
595	206.0	-36.2	35.0	263.	21.	242.	-.00166	-.00285	0.00119	0.0	0.1	0.0	0.0
596	388.0	145.8	18.0	297.	55.	242.	0.00117	-.00002	0.00119	0.0	0.1	0.0	0.0
597	-5.8	-248.0	30.0	217.	-25.	242.	-.00460	-.00579	0.00119	0.0	0.1	0.0	0.0
598	-370.0	-612.0	4.0	104.	-138.	242.	-.00862	-.00981	0.00119	0.0	0.0	0.0	0.0
599	752.0	510.0	13.0	352.	110.	242.	0.00772	0.00653	0.00119	0.0	0.1	0.0	0.0
600	722.0	480.0	17.0	348.	106.	242.	0.00713	0.00594	0.00119	0.0	0.1	0.0	0.0
601	448.0	206.0	33.0	307.	65.	242.	0.00217	0.00098	0.00119	0.0	0.1	0.0	0.0
602	-340.0	-582.0	8.0	116.	-126.	242.	-.00834	-.00953	0.00119	0.0	0.0	0.0	0.0
603	-248.0	-490.0	6.0	149.	-93.	242.	-.00742	-.00861	0.00119	0.0	0.0	0.0	0.0
604	630.0	388.0	38.0	335.	94.	242.	0.00538	0.00419	0.00119	0.1	0.1	0.1	0.0
605	-400.0	-642.0	3.0	92.	-150.	242.	-.00889	-.01008	0.00119	0.0	0.0	0.0	0.0
606	510.0	268.0	45.0	317.	75.	242.	0.00324	0.00205	0.00119	0.1	0.2	0.1	0.0
607	600.0	358.0	71.0	331.	89.	242.	0.00484	0.00365	0.00119	0.1	0.3	0.1	0.0
608	-218.0	-460.0	4.0	159.	-83.	242.	-.00711	-.00830	0.00119	0.0	0.0	0.0	0.0
609	418.0	176.0	9.0	302.	60.	242.	0.00167	0.00048	0.00119	0.0	0.0	0.0	0.0
610	570.0	328.0	59.0	326.	84.	242.	0.00430	0.00311	0.00119	0.1	0.2	0.1	0.0
611	-310.0	-552.0	27.0	128.	-114.	242.	-.00805	-.00924	0.00119	0.0	0.0	0.0	0.0
612	540.0	298.0	56.0	322.	80.	242.	0.00376	0.00257	0.00119	0.1	0.2	0.1	0.0
613	236.0	-5.8	9.0	269.	27.	242.	-.00121	-.00240	0.00119	0.0	0.0	0.0	0.0
614	-36.2	-278.0	21.0	210.	-32.	242.	-.00499	-.00618	0.00119	0.0	0.0	0.0	0.0
615	662.0	448.0	14.0	340.	126.	214.	0.00597	0.00492	0.00105	0.0	0.0	0.0	0.0
616	268.0	54.8	1.0	275.	62.	213.	-.00073	-.00178	0.00105	0.0	0.0	0.0	0.0
617	-96.8	-310.0	158.0	195.	-18.	213.	-.00574	-.00678	0.00105	0.2	0.3	0.2	0.0
618	-127.0	-340.0	218.0	186.	-27.	213.	-.00609	-.00714	0.00105	0.2	0.3	0.2	0.0
619	298.0	85.2	3.0	281.	68.	213.	-.00026	-.00131	0.00105	0.0	0.0	0.0	0.0
620	-157.4	-370.0	39.0	177.	-35.	212.	-.00644	-.00748	0.00104	0.0	0.1	0.0	0.0
621	328.0	115.4	3.0	286.	74.	212.	0.00021	-.00084	0.00104	0.0	0.0	0.0	0.0
622	145.8	-66.4	8.0	251.	39.	212.	-.00254	-.00358	0.00104	0.0	0.0	0.0	0.0
623	115.4	-96.8	22.0	244.	32.	212.	-.00297	-.00401	0.00104	0.0	0.0	0.0	0.0
624	54.8	-157.4	11.0	231.	19.	212.	-.00380	-.00484	0.00104	0.0	0.0	0.0	0.0
625	176.0	-36.2	17.0	257.	45.	212.	-.00210	-.00315	0.00104	0.0	0.0	0.0	0.0
626	85.2	-127.0	20.0	238.	26.	212.	-.00339	-.00443	0.00104	0.0	0.0	0.0	0.0
627	24.4	-187.8	29.0	224.	12.	212.	-.00420	-.00525	0.00104	0.0	0.1	0.0	0.0
628	-187.8	-400.0	9.0	168.	-44.	212.	-.00678	-.00782	0.00104	0.0	0.0	0.0	0.0
629	-5.8	-218.0	17.0	217.	5.	212.	-.00460	-.00564	0.00104	0.0	0.0	0.0	0.0
630	812.0	600.0	3.0	359.	147.	212.	0.00893	0.00788	0.00104	0.0	0.0	0.0	0.0
631	782.0	570.0	3.0	355.	144.	212.	0.00832	0.00728	0.00104	0.0	0.0	0.0	0.0
632	752.0	540.0	2.0	352.	140.	212.	0.00772	0.00668	0.00104	0.0	0.0	0.0	0.0
633	722.0	510.0	3.0	348.	136.	212.	0.00713	0.00609	0.00104	0.0	0.0	0.0	0.0
634	-248.0	-460.0	4.0	149.	-63.	212.	-.00742	-.00847	0.00104	0.0	0.0	0.0	0.0
635	388.0	176.0	6.0	297.	85.	212.	0.00117	0.00013	0.00104	0.0	0.0	0.0	0.0
636	-400.0	-612.0	2.0	92.	-120.	212.	-.00889	-.00994	0.00104	0.0	0.0	0.0	0.0
637	570.0	358.0	36.0	326.	114.	212.	0.00430	0.00325	0.00104	0.0	0.1	0.0	0.0
638	-310.0	-522.0	14.0	128.	-84.	212.	-.00805	-.00910	0.00104	0.0	0.0	0.0	0.0
639	692.0	480.0	3.0	344.	132.	212.	0.00655	0.00551	0.00104	0.0	0.0	0.0	0.0
640	-278.0	-490.0	8.0	139.	-73.	212.	-.00773	-.00878	0.00104	0.0	0.0	0.0	0.0
641	-340.0	-552.0	10.0	116.	-96.	212.	-.00834	-.00938	0.00104	0.0	0.0	0.0	0.0
642	510.0	298.0	30.0	317.	105.	212.	0.00324	0.00220	0.00104	0.0	0.1	0.0	0.0
643	540.0	328.0	52.0	322.	110.	212.	0.00376	0.00272	0.00104	0.1	0.2	0.1	0.0

Results for t3b1s2_Kt=2.out : Crack Initiation Using saefcalc2

644	630.0	418.0	30.0	335.	124.	212.	0.00538	0.00434	0.00104	0.0	0.1	0.0	0.
645	418.0	206.0	23.0	302.	90.	212.	0.00167	0.00063	0.00104	0.0	0.1	0.0	0.
646	600.0	388.0	32.0	331.	119.	212.	0.00484	0.00379	0.00104	0.0	0.1	0.0	0.
647	480.0	268.0	44.0	312.	100.	212.	0.00272	0.00168	0.00104	0.0	0.1	0.0	0.
648	-430.0	-642.0	2.0	78.	-134.	212.	-0.00915	-0.01019	0.00104	0.0	0.0	0.0	0.
649	-370.0	-582.0	10.0	104.	-108.	212.	-0.00862	-0.00966	0.00104	0.0	0.0	0.0	0.
650	448.0	236.0	18.0	307.	95.	212.	0.00217	0.00113	0.00104	0.0	0.1	0.0	0.
651	206.0	-5.8	7.0	263.	51.	212.	-0.00166	-0.00270	0.00104	0.0	0.0	0.0	0.
652	-36.2	-248.0	16.0	210.	-2.	212.	-0.00499	-0.00603	0.00104	0.0	0.0	0.0	0.
653	-66.4	-278.0	39.0	203.	-9.	211.	-0.00537	-0.00641	0.00104	0.0	0.1	0.0	0.
654	236.0	24.4	1.0	269.	57.	211.	-0.00121	-0.00225	0.00104	0.0	0.0	0.0	0.
655	-127.0	-310.0	9.0	186.	3.	183.	-0.00609	-0.00699	0.00090	0.0	0.0	0.0	0.
656	-157.4	-340.0	4.0	177.	-5.	183.	-0.00644	-0.00734	0.00090	0.0	0.0	0.0	0.
657	480.0	298.0	4.0	312.	130.	182.	0.00272	0.00182	0.00089	0.0	0.0	0.0	0.
658	510.0	328.0	5.0	317.	135.	182.	0.00324	0.00234	0.00089	0.0	0.0	0.0	0.
659	630.0	448.0	6.0	335.	154.	182.	0.00538	0.00449	0.00089	0.0	0.0	0.0	0.
660	85.2	-96.8	3.0	238.	56.	182.	-0.00339	-0.00428	0.00089	0.0	0.0	0.0	0.
661	540.0	358.0	1.0	322.	140.	182.	0.00376	0.00287	0.00089	0.0	0.0	0.0	0.
662	570.0	388.0	3.0	326.	144.	182.	0.00430	0.00340	0.00089	0.0	0.0	0.0	0.
663	418.0	236.0	1.0	302.	120.	182.	0.00167	0.00077	0.00089	0.0	0.0	0.0	0.
664	662.0	480.0	3.0	340.	158.	182.	0.00597	0.00508	0.00089	0.0	0.0	0.0	0.
665	145.8	-36.2	7.0	251.	69.	182.	-0.00254	-0.00344	0.00089	0.0	0.0	0.0	0.
666	-5.8	-187.8	3.0	217.	35.	182.	-0.00460	-0.00549	0.00089	0.0	0.0	0.0	0.
667	-36.2	-218.0	1.0	210.	28.	182.	-0.00499	-0.00588	0.00089	0.0	0.0	0.0	0.
668	24.4	-157.4	2.0	224.	42.	182.	-0.00420	-0.00510	0.00089	0.0	0.0	0.0	0.
669	-96.8	-278.0	6.0	195.	14.	181.	-0.00574	-0.00663	0.00089	0.0	0.0	0.0	0.
670	-66.4	-187.8	2.0	203.	81.	121.	-0.00537	-0.00597	0.00060	0.0	0.0	0.0	0.
671	-96.8	-218.0	2.0	195.	73.	121.	-0.00574	-0.00633	0.00060	0.0	0.0	0.0	0.
672	-157.4	-248.0	2.0	177.	87.	91.	-0.00644	-0.00688	0.00045	0.0	0.0	0.0	0.
673	-278.0	-310.0	2.0	139.	107.	32.	-0.00773	-0.00789	0.00016	0.0	0.0	0.0	0.
674	-5.8	-36.2	1.0	217.	187.	30.	-0.00460	-0.00475	0.00015	0.0	0.0	0.0	0.

Appendix 1: Rainflow Cycles

```

#Inputs after scaling and sorting:
#  Srange  Smean  Cycles  Smax  Smin
1910.0 -21.0 1.0 934.0 -976.0
1548.0 -112.0 1.0 662.0 -886.0
1456.0 -66.0 1.0 662.0 -794.0
1424.0 222.0 1.0 934.0 -490.0
1364.0 -52.0 1.0 630.0 -734.0
1364.0 -82.0 1.0 600.0 -764.0
1334.0 207.0 1.0 874.0 -460.0
1334.0 -97.0 1.0 570.0 -764.0
1334.0 -127.0 1.0 540.0 -794.0
1304.0 192.0 3.0 844.0 -460.0
1304.0 -142.0 1.0 510.0 -794.0
1272.0 146.0 1.0 782.0 -490.0
1244.0 -82.0 1.0 540.0 -704.0
1244.0 -112.0 1.0 510.0 -734.0
1244.0 -142.0 1.0 480.0 -764.0
1244.0 -324.0 1.0 298.0 -946.0
1242.0 -51.0 1.0 570.0 -672.0
1214.0 237.0 3.0 844.0 -370.0
1214.0 -97.0 1.0 510.0 -704.0
1214.0 -309.0 1.0 298.0 -916.0
1214.0 -127.0 1.0 480.0 -734.0
1212.0 -6.0 1.0 600.0 -612.0
1184.0 -112.0 3.0 480.0 -704.0
1182.0 191.0 2.0 782.0 -400.0
1182.0 131.0 3.0 722.0 -460.0
1182.0 -173.0 2.0 418.0 -764.0
1182.0 -21.0 2.0 570.0 -612.0
1182.0 -81.0 1.0 510.0 -672.0
1182.0 -143.0 3.0 448.0 -734.0
1154.0 267.0 1.0 844.0 -310.0
1152.0 236.0 3.0 812.0 -340.0
1152.0 206.0 1.0 782.0 -370.0
1152.0 -158.0 1.0 418.0 -734.0
1152.0 -6.0 1.0 570.0 -582.0
1152.0 -36.0 3.0 540.0 -612.0
1152.0 -66.0 1.0 510.0 -642.0
1152.0 -128.0 1.0 448.0 -704.0
1122.0 251.0 2.0 812.0 -310.0
1122.0 -173.0 1.0 388.0 -734.0
1122.0 221.0 3.0 782.0 -340.0
1122.0 191.0 3.0 752.0 -370.0
1122.0 -51.0 3.0 510.0 -612.0
1122.0 -143.0 2.0 418.0 -704.0
1122.0 -81.0 3.0 480.0 -642.0
1092.0 -188.0 2.0 358.0 -734.0
1092.0 206.0 3.0 752.0 -340.0
1092.0 -248.0 2.0 298.0 -794.0
1092.0 -158.0 2.0 388.0 -704.0
1092.0 -6.0 2.0 540.0 -552.0
1092.0 -36.0 2.0 510.0 -582.0
1090.0 -97.0 1.0 448.0 -642.0
1090.0 -127.0 3.0 418.0 -672.0
1062.0 221.0 3.0 752.0 -310.0
1062.0 -173.0 3.0 358.0 -704.0
1062.0 191.0 2.0 722.0 -340.0
1062.0 -203.0 1.0 328.0 -734.0
1062.0 -263.0 2.0 268.0 -794.0

```

Results for t3b1s2_Kt=2.out : Crack Initiation Using saefcalc2

1062.0	-21.0	1.0	510.0	-552.0
1062.0	-51.0	4.0	480.0	-582.0
1061.8	-385.1	2.0	145.8	-916.0
1060.0	282.0	3.0	812.0	-248.0
1060.0	252.0	6.0	782.0	-278.0
1060.0	-142.0	2.0	388.0	-672.0
1060.0	-324.0	1.0	206.0	-854.0
1060.0	-82.0	2.0	448.0	-612.0
1060.0	-112.0	4.0	418.0	-642.0
1032.0	206.0	4.0	722.0	-310.0
1032.0	-188.0	1.0	328.0	-704.0
1032.0	176.0	9.0	692.0	-340.0
1032.0	-6.0	2.0	510.0	-522.0
1032.0	-36.0	3.0	480.0	-552.0
1032.0	-248.0	2.0	268.0	-764.0
1031.2	-430.4	1.0	85.2	-946.0
1030.0	267.0	5.0	782.0	-248.0
1030.0	237.0	6.0	752.0	-278.0
1030.0	-157.0	3.0	358.0	-672.0
1030.0	55.0	1.0	570.0	-460.0
1030.0	25.0	1.0	540.0	-490.0
1030.0	-127.0	3.0	388.0	-642.0
1030.0	-67.0	2.0	448.0	-582.0
1030.0	-97.0	1.0	418.0	-612.0
1002.0	191.0	3.0	692.0	-310.0
1002.0	161.0	3.0	662.0	-340.0
1002.0	-21.0	3.0	480.0	-522.0
1000.0	252.0	4.0	752.0	-248.0
1000.0	222.0	3.0	722.0	-278.0
1000.0	-112.0	4.0	388.0	-612.0
1000.0	40.0	1.0	540.0	-460.0
1000.0	10.0	1.0	510.0	-490.0
1000.0	-142.0	2.0	358.0	-642.0
1000.0	-52.0	6.0	448.0	-552.0
1000.0	-82.0	6.0	418.0	-582.0
972.0	-218.0	1.0	268.0	-704.0
972.0	176.0	6.0	662.0	-310.0
970.0	267.0	3.0	752.0	-218.0
970.0	-127.0	9.0	358.0	-612.0
970.0	207.0	4.0	692.0	-278.0
970.0	-187.0	1.0	298.0	-672.0
970.0	-157.0	3.0	328.0	-642.0
970.0	-5.0	6.0	480.0	-490.0
970.0	-37.0	6.0	448.0	-522.0
970.0	-67.0	5.0	418.0	-552.0
970.0	-97.0	3.0	388.0	-582.0
940.0	222.0	3.0	692.0	-248.0
940.0	192.0	11.0	662.0	-278.0
940.0	-264.0	2.0	206.0	-734.0
940.0	10.0	1.0	480.0	-460.0
940.0	-234.0	2.0	236.0	-704.0
940.0	-142.0	9.0	328.0	-612.0
940.0	-52.0	5.0	418.0	-522.0
940.0	-82.0	7.0	388.0	-552.0
940.0	-112.0	3.0	358.0	-582.0
939.2	-384.4	2.0	85.2	-854.0
938.0	-21.0	3.0	448.0	-490.0
910.0	237.0	12.0	692.0	-218.0
910.0	207.0	6.0	662.0	-248.0
910.0	-187.0	4.0	268.0	-642.0
910.0	-157.0	3.0	298.0	-612.0
910.0	55.0	3.0	510.0	-400.0

Results for t3b1s2_Kt=2.out : Crack Initiation Using saefcalc2

910.0	25.0	1.0	480.0	-430.0
910.0	-67.0	3.0	388.0	-522.0
910.0	-127.0	8.0	328.0	-582.0
910.0	-97.0	9.0	358.0	-552.0
909.8	-309.1	4.0	145.8	-764.0
908.0	-6.0	6.0	448.0	-460.0
908.0	-36.0	4.0	418.0	-490.0
880.0	-172.0	4.0	268.0	-612.0
880.0	-142.0	9.0	298.0	-582.0
880.0	-82.0	10.0	358.0	-522.0
880.0	-112.0	9.0	328.0	-552.0
879.4	-324.3	4.0	115.4	-764.0
879.2	-354.4	4.0	85.2	-794.0
878.0	-203.0	2.0	236.0	-642.0
878.0	9.0	3.0	448.0	-430.0
878.0	-21.0	6.0	418.0	-460.0
878.0	-51.0	9.0	388.0	-490.0
850.0	115.0	1.0	540.0	-310.0
850.0	-127.0	3.0	298.0	-552.0
850.0	-157.0	6.0	268.0	-582.0
850.0	-97.0	5.0	328.0	-522.0
849.8	237.1	3.0	662.0	-187.8
849.2	-339.4	2.0	85.2	-764.0
848.8	-369.6	2.0	54.8	-794.0
848.0	206.0	9.0	630.0	-218.0
848.0	176.0	3.0	600.0	-248.0
848.0	24.0	4.0	448.0	-400.0
848.0	-6.0	5.0	418.0	-430.0
848.0	-248.0	1.0	176.0	-672.0
848.0	-36.0	3.0	388.0	-460.0
848.0	-66.0	7.0	358.0	-490.0
820.0	-142.0	7.0	268.0	-552.0
820.0	-112.0	9.0	298.0	-522.0
818.4	-384.8	2.0	24.4	-794.0
818.0	191.0	5.0	600.0	-218.0
818.0	131.0	3.0	540.0	-278.0
818.0	-233.0	1.0	176.0	-642.0
818.0	39.0	3.0	448.0	-370.0
818.0	9.0	3.0	418.0	-400.0
818.0	-21.0	6.0	388.0	-430.0
818.0	-51.0	10.0	358.0	-460.0
818.0	-173.0	5.0	236.0	-582.0
818.0	-81.0	10.0	328.0	-490.0
790.0	85.0	2.0	480.0	-310.0
790.0	-127.0	5.0	268.0	-522.0
788.2	357.9	2.0	752.0	-36.2
788.0	176.0	1.0	570.0	-218.0
788.0	116.0	1.0	510.0	-278.0
788.0	54.0	1.0	448.0	-340.0
788.0	24.0	7.0	418.0	-370.0
788.0	-6.0	3.0	388.0	-400.0
788.0	-158.0	6.0	236.0	-552.0
788.0	-36.0	11.0	358.0	-430.0
788.0	-188.0	4.0	206.0	-582.0
788.0	-66.0	5.0	328.0	-460.0
788.0	-96.0	11.0	298.0	-490.0
758.4	-354.8	2.0	24.4	-734.0
758.0	-173.0	4.0	206.0	-552.0
758.0	69.0	1.0	448.0	-310.0
758.0	39.0	4.0	418.0	-340.0
758.0	-203.0	3.0	176.0	-582.0
758.0	9.0	6.0	388.0	-370.0

Results for t3b1s2_Kt=2.out : Crack Initiation Using saefcalc2

758.0	-143.0	8.0	236.0	-522.0
758.0	-21.0	5.0	358.0	-400.0
758.0	-51.0	15.0	328.0	-430.0
758.0	-111.0	16.0	268.0	-490.0
758.0	-81.0	14.0	298.0	-460.0
728.2	327.9	3.0	692.0	-36.2
728.0	116.0	2.0	480.0	-248.0
728.0	-188.0	2.0	176.0	-552.0
728.0	54.0	4.0	418.0	-310.0
728.0	24.0	5.0	388.0	-340.0
728.0	-158.0	7.0	206.0	-522.0
728.0	-6.0	5.0	358.0	-370.0
728.0	-36.0	16.0	328.0	-400.0
728.0	-66.0	14.0	298.0	-430.0
728.0	-96.0	16.0	268.0	-460.0
727.8	358.1	3.0	722.0	-5.8
727.8	-400.1	2.0	-36.2	-764.0
727.4	-248.3	1.0	115.4	-612.0
727.2	-278.4	1.0	85.2	-642.0
726.8	-308.6	2.0	54.8	-672.0
726.0	85.0	2.0	448.0	-278.0
726.0	-127.0	9.0	236.0	-490.0
698.0	39.0	6.0	388.0	-310.0
698.0	-173.0	6.0	176.0	-522.0
698.0	9.0	6.0	358.0	-340.0
698.0	-21.0	11.0	328.0	-370.0
698.0	-51.0	16.0	298.0	-400.0
698.0	-81.0	13.0	268.0	-430.0
697.8	-203.1	1.0	145.8	-552.0
697.8	-385.1	2.0	-36.2	-734.0
696.4	-323.8	1.0	24.4	-672.0
696.0	100.0	2.0	448.0	-248.0
696.0	70.0	1.0	418.0	-278.0
696.0	-112.0	18.0	236.0	-460.0
696.0	-142.0	13.0	206.0	-490.0
668.0	24.0	9.0	358.0	-310.0
668.0	-6.0	7.0	328.0	-340.0
668.0	-36.0	14.0	298.0	-370.0
668.0	-66.0	15.0	268.0	-400.0
667.8	328.1	9.0	662.0	-5.8
667.8	-188.1	3.0	145.8	-522.0
667.2	-248.4	2.0	85.2	-582.0
666.8	418.6	3.0	752.0	85.2
666.4	-308.8	4.0	24.4	-642.0
666.0	115.0	2.0	448.0	-218.0
666.0	85.0	4.0	418.0	-248.0
666.0	55.0	4.0	388.0	-278.0
666.0	-157.0	9.0	176.0	-490.0
666.0	-127.0	5.0	206.0	-460.0
666.0	-97.0	27.0	236.0	-430.0
638.0	9.0	6.0	328.0	-310.0
638.0	-21.0	9.0	298.0	-340.0
638.0	-51.0	15.0	268.0	-370.0
637.4	-203.3	5.0	115.4	-522.0
637.2	373.4	3.0	692.0	54.8
637.2	-233.4	3.0	85.2	-552.0
636.8	-263.6	2.0	54.8	-582.0
636.4	-293.8	2.0	24.4	-612.0
636.2	-323.9	1.0	-5.8	-642.0
636.0	70.0	1.0	388.0	-248.0
636.0	40.0	5.0	358.0	-278.0
636.0	-112.0	17.0	206.0	-430.0

Results for t3b1s2_Kt=2.out : Crack Initiation Using saefcalc2

636.0	-142.0	8.0	176.0	-460.0
636.0	-82.0	20.0	236.0	-400.0
635.8	312.1	3.0	630.0	-5.8
635.8	-172.1	4.0	145.8	-490.0
635.8	-354.1	4.0	-36.2	-672.0
608.0	-6.0	8.0	298.0	-310.0
608.0	-36.0	20.0	268.0	-340.0
607.2	358.4	3.0	662.0	54.8
607.2	-218.4	3.0	85.2	-522.0
606.8	388.6	3.0	692.0	85.2
606.4	-278.8	2.0	24.4	-582.0
606.0	479.0	3.0	782.0	176.0
606.0	-127.0	8.0	176.0	-430.0
606.0	85.0	3.0	388.0	-218.0
606.0	55.0	4.0	358.0	-248.0
606.0	25.0	9.0	328.0	-278.0
606.0	-67.0	14.0	236.0	-370.0
606.0	-97.0	16.0	206.0	-400.0
605.8	115.1	1.0	418.0	-187.8
605.8	-339.1	1.0	-36.2	-642.0
605.8	-157.1	11.0	145.8	-460.0
605.6	-369.2	2.0	-66.4	-672.0
605.4	145.3	4.0	448.0	-157.4
605.4	-187.3	1.0	115.4	-490.0
578.0	-21.0	13.0	268.0	-310.0
576.8	-233.6	2.0	54.8	-522.0
576.6	403.7	9.0	692.0	115.4
576.0	70.0	3.0	358.0	-218.0
576.0	40.0	10.0	328.0	-248.0
576.0	-112.0	8.0	176.0	-400.0
576.0	10.0	8.0	298.0	-278.0
576.0	-52.0	15.0	236.0	-340.0
576.0	-82.0	26.0	206.0	-370.0
575.8	282.1	6.0	570.0	-5.8
575.8	100.1	1.0	388.0	-187.8
575.8	-142.1	14.0	145.8	-430.0
575.4	-172.3	4.0	115.4	-460.0
575.2	-202.4	3.0	85.2	-490.0
575.0	160.5	1.0	448.0	-127.0
546.6	388.7	12.0	662.0	115.4
546.4	-248.8	1.0	24.4	-522.0
546.2	418.9	3.0	692.0	145.8
546.2	-278.9	1.0	-5.8	-552.0
546.0	479.0	3.0	752.0	206.0
546.0	-97.0	13.0	176.0	-370.0
546.0	55.0	6.0	328.0	-218.0
546.0	25.0	5.0	298.0	-248.0
546.0	-5.0	10.0	268.0	-278.0
546.0	-37.0	17.0	236.0	-310.0
546.0	-67.0	21.0	206.0	-340.0
545.8	267.1	1.0	540.0	-5.8
545.8	85.1	1.0	358.0	-187.8
545.8	-127.1	9.0	145.8	-400.0
545.8	-309.1	7.0	-36.2	-582.0
545.6	297.2	3.0	570.0	24.4
545.4	-157.3	8.0	115.4	-430.0
545.4	115.3	1.0	388.0	-157.4
545.2	-187.4	7.0	85.2	-460.0
544.8	357.6	1.0	630.0	85.2
544.8	-217.6	8.0	54.8	-490.0
516.2	403.9	9.0	662.0	145.8
516.0	646.0	2.0	904.0	388.0

Results for t3b1s2_Kt=2.out : Crack Initiation Using saefcalc2

516.0	464.0	3.0	722.0	206.0
516.0	-82.0	23.0	176.0	-340.0
516.0	40.0	3.0	298.0	-218.0
516.0	10.0	16.0	268.0	-248.0
516.0	-52.0	32.0	206.0	-310.0
515.8	70.1	4.0	328.0	-187.8
515.8	-294.1	2.0	-36.2	-552.0
515.8	-112.1	16.0	145.8	-370.0
515.6	282.2	6.0	540.0	24.4
515.6	-324.2	2.0	-66.4	-582.0
515.4	100.3	1.0	358.0	-157.4
515.4	-142.3	14.0	115.4	-400.0
515.2	312.4	3.0	570.0	54.8
515.2	-172.4	12.0	85.2	-430.0
515.0	130.5	4.0	388.0	-127.0
514.8	342.6	2.0	600.0	85.2
514.8	-202.6	6.0	54.8	-460.0
514.6	372.7	3.0	630.0	115.4
514.0	555.0	3.0	812.0	298.0
514.0	-21.0	22.0	236.0	-278.0
486.0	601.0	3.0	844.0	358.0
486.0	449.0	3.0	692.0	206.0
486.0	419.0	3.0	662.0	176.0
486.0	25.0	22.0	268.0	-218.0
486.0	-67.0	28.0	176.0	-310.0
485.8	237.1	3.0	480.0	-5.8
485.8	-97.1	23.0	145.8	-340.0
485.8	-279.1	1.0	-36.2	-522.0
485.8	55.1	15.0	298.0	-187.8
485.6	267.2	3.0	510.0	24.4
485.6	-309.2	1.0	-66.4	-552.0
485.4	85.3	4.0	328.0	-157.4
485.4	-127.3	16.0	115.4	-370.0
485.2	-157.4	12.0	85.2	-400.0
485.2	-339.4	2.0	-96.8	-582.0
485.0	115.5	2.0	358.0	-127.0
484.8	327.6	6.0	570.0	85.2
484.8	145.6	1.0	388.0	-96.8
484.8	-187.6	11.0	54.8	-430.0
484.6	357.7	3.0	600.0	115.4
484.4	175.8	1.0	418.0	-66.4
484.4	-217.8	6.0	24.4	-460.0
484.2	387.9	6.0	630.0	145.8
484.2	-247.9	2.0	-5.8	-490.0
484.0	570.0	3.0	812.0	328.0
484.0	510.0	3.0	752.0	268.0
484.0	-6.0	18.0	236.0	-248.0
484.0	-36.0	17.0	206.0	-278.0
456.0	616.0	1.0	844.0	388.0
456.0	464.0	3.0	692.0	236.0
456.0	434.0	7.0	662.0	206.0
455.8	-82.1	16.0	145.8	-310.0
455.8	40.1	12.0	268.0	-187.8
455.6	252.2	3.0	480.0	24.4
455.4	-112.3	17.0	115.4	-340.0
455.4	70.3	8.0	298.0	-157.4
455.2	282.4	3.0	510.0	54.8
455.2	-142.4	11.0	85.2	-370.0
455.0	100.5	4.0	328.0	-127.0
455.0	-354.5	5.0	-127.0	-582.0
454.8	-172.6	13.0	54.8	-400.0
454.8	130.6	2.0	358.0	-96.8

Results for t3b1s2_Kt=2.out : Crack Initiation Using saefcalc2

454.6	342.7	3.0	570.0	115.4
454.4	160.8	6.0	388.0	-66.4
454.4	-202.8	12.0	24.4	-430.0
454.2	372.9	20.0	600.0	145.8
454.2	-232.9	13.0	-5.8	-460.0
454.0	555.0	3.0	782.0	328.0
454.0	525.0	3.0	752.0	298.0
454.0	403.0	6.0	630.0	176.0
454.0	-51.0	32.0	176.0	-278.0
454.0	9.0	30.0	236.0	-218.0
454.0	-21.0	25.0	206.0	-248.0
453.8	-263.1	4.0	-36.2	-490.0
426.0	449.0	3.0	662.0	236.0
425.4	-97.3	26.0	115.4	-310.0
425.4	55.3	13.0	268.0	-157.4
425.2	267.4	4.0	480.0	54.8
425.2	-127.4	19.0	85.2	-340.0
425.0	85.5	8.0	298.0	-127.0
425.0	-339.5	6.0	-127.0	-552.0
424.8	297.6	3.0	510.0	85.2
424.8	115.6	5.0	328.0	-96.8
424.8	-157.6	10.0	54.8	-370.0
424.6	327.7	12.0	540.0	115.4
424.4	-187.8	8.0	24.4	-400.0
424.4	145.8	1.0	358.0	-66.4
424.2	357.9	12.0	570.0	145.8
424.2	-399.9	1.0	-187.8	-612.0
424.2	175.9	3.0	388.0	-36.2
424.2	-217.9	9.0	-5.8	-430.0
424.0	570.0	3.0	782.0	358.0
424.0	540.0	3.0	752.0	328.0
424.0	510.0	6.0	722.0	298.0
424.0	480.0	3.0	692.0	268.0
424.0	418.0	8.0	630.0	206.0
424.0	388.0	7.0	600.0	176.0
424.0	-36.0	17.0	176.0	-248.0
424.0	-6.0	20.0	206.0	-218.0
423.8	-248.1	7.0	-36.2	-460.0
423.8	-66.1	19.0	145.8	-278.0
423.8	24.1	12.0	236.0	-187.8
423.6	236.2	2.0	448.0	24.4
395.2	-112.4	20.0	85.2	-310.0
395.0	-324.5	4.0	-127.0	-522.0
395.0	70.5	10.0	268.0	-127.0
394.8	-142.6	12.0	54.8	-340.0
394.8	282.6	9.0	480.0	85.2
394.8	100.6	12.0	298.0	-96.8
394.6	312.7	3.0	510.0	115.4
394.6	-354.7	5.0	-157.4	-552.0
394.4	-172.8	6.0	24.4	-370.0
394.4	130.8	5.0	328.0	-66.4
394.2	342.9	21.0	540.0	145.8
394.2	-384.9	1.0	-187.8	-582.0
394.2	160.9	1.0	358.0	-36.2
394.2	-202.9	19.0	-5.8	-400.0
394.0	-21.0	21.0	176.0	-218.0
394.0	525.0	12.0	722.0	328.0
394.0	495.0	3.0	692.0	298.0
394.0	465.0	22.0	662.0	268.0
394.0	433.0	15.0	630.0	236.0
394.0	403.0	27.0	600.0	206.0
394.0	373.0	9.0	570.0	176.0

Results for t3b1s2_Kt=2.out : Crack Initiation Using saefcalc2

393.8	191.1	2.0	388.0	-5.8
393.8	-233.1	33.0	-36.2	-430.0
393.8	-51.1	32.0	145.8	-248.0
393.8	9.1	15.0	206.0	-187.8
393.6	221.2	4.0	418.0	24.4
393.6	-263.2	4.0	-66.4	-460.0
393.4	-81.3	19.0	115.4	-278.0
393.4	39.3	21.0	236.0	-157.4
393.2	-293.4	2.0	-96.8	-490.0
364.8	-127.6	21.0	54.8	-310.0
364.8	85.6	16.0	268.0	-96.8
364.6	297.7	10.0	480.0	115.4
364.6	-339.7	1.0	-157.4	-522.0
364.4	115.8	5.0	298.0	-66.4
364.4	-157.8	26.0	24.4	-340.0
364.2	-369.9	4.0	-187.8	-552.0
364.2	327.9	6.0	510.0	145.8
364.2	145.9	11.0	328.0	-36.2
364.2	-187.9	21.0	-5.8	-370.0
364.0	570.0	3.0	752.0	388.0
364.0	540.0	9.0	722.0	358.0
364.0	-400.0	2.0	-218.0	-582.0
364.0	510.0	20.0	692.0	328.0
364.0	480.0	21.0	662.0	298.0
364.0	418.0	18.0	600.0	236.0
364.0	388.0	26.0	570.0	206.0
364.0	358.0	22.0	540.0	176.0
363.8	176.1	5.0	358.0	-5.8
363.8	-218.1	50.0	-36.2	-400.0
363.8	-5.9	15.0	176.0	-187.8
363.8	-36.1	33.0	145.8	-218.0
363.6	206.2	8.0	388.0	24.4
363.6	-248.2	26.0	-66.4	-430.0
363.4	-66.3	21.0	115.4	-248.0
363.4	24.3	21.0	206.0	-157.4
363.2	-96.4	24.0	85.2	-278.0
363.2	-278.4	4.0	-96.8	-460.0
363.2	236.4	1.0	418.0	54.8
363.0	-308.5	1.0	-127.0	-490.0
363.0	54.5	16.0	236.0	-127.0
362.0	449.0	11.0	630.0	268.0
334.4	-142.8	20.0	24.4	-310.0
334.4	100.8	1.0	268.0	-66.4
334.2	312.9	18.0	480.0	145.8
334.2	130.9	9.0	298.0	-36.2
334.2	-172.9	30.0	-5.8	-340.0
334.0	615.0	11.0	782.0	448.0
334.0	585.0	9.0	752.0	418.0
334.0	555.0	8.0	722.0	388.0
334.0	525.0	12.0	692.0	358.0
334.0	495.0	17.0	662.0	328.0
334.0	-445.0	6.0	-278.0	-612.0
334.0	403.0	18.0	570.0	236.0
334.0	373.0	6.0	540.0	206.0
334.0	343.0	24.0	510.0	176.0
334.0	-385.0	2.0	-218.0	-552.0
333.8	161.1	7.0	328.0	-5.8
333.8	-203.1	55.0	-36.2	-370.0
333.6	-233.2	86.0	-66.4	-400.0
333.6	191.2	3.0	358.0	24.4
333.6	-21.0	20.0	145.8	-187.8
333.4	9.3	25.0	176.0	-157.4

Results for t3b1s2_Kt=2.out : Crack Initiation Using saefcalc2

333.4	-51.3	36.0	115.4	-218.0
333.2	-81.4	30.0	85.2	-248.0
333.2	-263.4	12.0	-96.8	-430.0
333.2	221.4	2.0	388.0	54.8
333.0	-293.5	4.0	-127.0	-460.0
333.0	39.5	10.0	206.0	-127.0
332.8	69.6	11.0	236.0	-96.8
332.8	-111.6	28.0	54.8	-278.0
332.8	251.6	3.0	418.0	85.2
332.6	-323.7	1.0	-157.4	-490.0
332.6	281.7	9.0	448.0	115.4
332.0	464.0	6.0	630.0	298.0
332.0	434.0	15.0	600.0	268.0
304.2	115.9	15.0	268.0	-36.2
304.2	-157.9	26.0	-5.8	-310.0
304.0	570.0	4.0	722.0	418.0
304.0	540.0	13.0	692.0	388.0
304.0	510.0	27.0	662.0	358.0
304.0	-430.0	11.0	-278.0	-582.0
304.0	388.0	48.0	540.0	236.0
304.0	358.0	22.0	510.0	206.0
304.0	328.0	13.0	480.0	176.0
304.0	-400.0	10.0	-248.0	-552.0
303.8	146.1	7.0	298.0	-5.8
303.8	-188.1	66.0	-36.2	-340.0
303.6	176.2	3.0	328.0	24.4
303.6	-218.2	135.0	-66.4	-370.0
303.2	-248.4	67.0	-96.8	-400.0
303.2	-66.4	30.0	85.2	-218.0
303.2	-5.8	31.0	145.8	-157.4
303.2	-36.2	21.0	115.4	-187.8
303.2	206.4	1.0	358.0	54.8
303.0	24.5	10.0	176.0	-127.0
303.0	-278.5	14.0	-127.0	-430.0
302.8	-96.6	37.0	54.8	-248.0
302.8	54.6	11.0	206.0	-96.8
302.8	236.6	3.0	388.0	85.2
302.6	266.7	8.0	418.0	115.4
302.4	84.8	19.0	236.0	-66.4
302.4	-126.8	17.0	24.4	-278.0
302.2	296.9	9.0	448.0	145.8
302.2	-338.9	1.0	-187.8	-490.0
302.0	661.0	3.0	812.0	510.0
302.0	631.0	6.0	782.0	480.0
302.0	479.0	24.0	630.0	328.0
302.0	449.0	15.0	600.0	298.0
302.0	419.0	27.0	570.0	268.0
302.0	-491.0	3.0	-340.0	-642.0
274.0	707.0	3.0	844.0	570.0
274.0	585.0	19.0	722.0	448.0
274.0	-415.0	16.0	-278.0	-552.0
274.0	555.0	9.0	692.0	418.0
274.0	525.0	27.0	662.0	388.0
274.0	373.0	37.0	510.0	236.0
274.0	343.0	24.0	480.0	206.0
274.0	-385.0	8.0	-248.0	-522.0
273.8	131.1	10.0	268.0	-5.8
273.8	-173.1	35.0	-36.2	-310.0
273.6	161.2	4.0	298.0	24.4
273.6	-203.2	138.0	-66.4	-340.0
273.2	-233.4	211.0	-96.8	-370.0
273.2	191.4	5.0	328.0	54.8

Results for t3b1s2_Kt=2.out : Crack Initiation Using saefcalc2

273.0	-263.5	35.0	-127.0	-400.0
273.0	-51.3	39.0	85.2	-187.8
272.8	9.4	32.0	145.8	-127.0
272.8	-21.0	32.0	115.4	-157.4
272.8	221.6	3.0	358.0	85.2
272.8	39.6	28.0	176.0	-96.8
272.8	-81.6	44.0	54.8	-218.0
272.6	251.7	3.0	388.0	115.4
272.6	-293.7	9.0	-157.4	-430.0
272.4	69.8	16.0	206.0	-66.4
272.4	-111.8	29.0	24.4	-248.0
272.2	281.9	10.0	418.0	145.8
272.2	99.9	20.0	236.0	-36.2
272.2	-141.9	37.0	-5.8	-278.0
272.0	616.0	4.0	752.0	480.0
272.0	-506.0	2.0	-370.0	-642.0
272.0	494.0	43.0	630.0	358.0
272.0	-446.0	10.0	-310.0	-582.0
272.0	464.0	52.0	600.0	328.0
272.0	434.0	57.0	570.0	298.0
272.0	312.0	14.0	448.0	176.0
272.0	404.0	28.0	540.0	268.0
272.0	-354.0	5.0	-218.0	-490.0
244.0	570.0	16.0	692.0	448.0
244.0	540.0	32.0	662.0	418.0
244.0	358.0	49.0	480.0	236.0
244.0	-400.0	10.0	-278.0	-522.0
243.6	146.2	13.0	268.0	24.4
243.6	-188.2	93.0	-66.4	-310.0
243.2	176.4	3.0	298.0	54.8
243.2	-218.4	285.0	-96.8	-340.0
243.0	-248.5	139.0	-127.0	-370.0
242.6	-278.7	10.0	-157.4	-400.0
242.6	236.7	7.0	358.0	115.4
242.6	-66.5	34.0	54.8	-187.8
242.6	24.5	21.0	145.8	-96.8
242.6	-36.1	39.0	85.2	-157.4
242.4	-96.8	32.0	24.4	-218.0
242.4	54.8	22.0	176.0	-66.4
242.4	-5.8	33.0	115.4	-127.0
242.2	-308.9	3.0	-187.8	-430.0
242.2	84.9	35.0	206.0	-36.2
242.2	266.9	18.0	388.0	145.8
242.2	-126.9	30.0	-5.8	-248.0
242.0	-491.0	4.0	-370.0	-612.0
242.0	631.0	13.0	752.0	510.0
242.0	601.0	17.0	722.0	480.0
242.0	327.0	33.0	448.0	206.0
242.0	-461.0	8.0	-340.0	-582.0
242.0	-369.0	6.0	-248.0	-490.0
242.0	509.0	38.0	630.0	388.0
242.0	-521.0	3.0	-400.0	-642.0
242.0	389.0	45.0	510.0	268.0
242.0	479.0	71.0	600.0	358.0
242.0	-339.0	4.0	-218.0	-460.0
242.0	297.0	9.0	418.0	176.0
242.0	449.0	59.0	570.0	328.0
242.0	-431.0	27.0	-310.0	-552.0
242.0	419.0	56.0	540.0	298.0
241.8	115.1	9.0	236.0	-5.8
241.8	-157.1	21.0	-36.2	-278.0
214.0	555.0	14.0	662.0	448.0

Results for t3b1s2_Kt=2.out : Crack Initiation Using saefcalc2

213.2	161.4	1.0	268.0	54.8
213.2	-203.4	158.0	-96.8	-310.0
213.0	-233.5	218.0-127.0	-340.0	
212.8	191.6	3.0	298.0	85.2
212.6	-263.7	39.0-157.4	-370.0	
212.6	221.7	3.0	328.0	115.4
212.2	39.7	8.0	145.8	-66.4
212.2	9.3	22.0	115.4	-96.8
212.2	-51.3	11.0	54.8	-157.4
212.2	69.9	17.0	176.0	-36.2
212.2	-20.9	20.0	85.2	-127.0
212.2	-81.7	29.0	24.4	-187.8
212.2	-293.9	9.0-187.8	-400.0	
212.2	-111.9	17.0	-5.8	-218.0
212.0	706.0	3.0	812.0	600.0
212.0	676.0	3.0	782.0	570.0
212.0	646.0	2.0	752.0	540.0
212.0	616.0	3.0	722.0	510.0
212.0	-354.0	4.0-248.0	-460.0	
212.0	282.0	6.0	388.0	176.0
212.0	-506.0	2.0-400.0	-612.0	
212.0	464.0	36.0	570.0	358.0
212.0	-416.0	14.0-310.0	-522.0	
212.0	586.0	3.0	692.0	480.0
212.0	-384.0	8.0-278.0	-490.0	
212.0	-446.0	10.0-340.0	-552.0	
212.0	404.0	30.0	510.0	298.0
212.0	434.0	52.0	540.0	328.0
212.0	524.0	30.0	630.0	418.0
212.0	312.0	23.0	418.0	206.0
212.0	494.0	32.0	600.0	388.0
212.0	374.0	44.0	480.0	268.0
212.0	-536.0	2.0-430.0	-642.0	
212.0	-476.0	10.0-370.0	-582.0	
212.0	342.0	18.0	448.0	236.0
211.8	100.1	7.0	206.0	-5.8
211.8	-142.1	16.0	-36.2	-248.0
211.6	-172.2	39.0	-66.4	-278.0
211.6	130.2	1.0	236.0	24.4
183.0	-218.5	9.0-127.0	-310.0	
182.6	-248.7	4.0-157.4	-340.0	
182.0	389.0	4.0	480.0	298.0
182.0	419.0	5.0	510.0	328.0
182.0	539.0	6.0	630.0	448.0
182.0	-5.8	3.0	85.2	-96.8
182.0	449.0	1.0	540.0	358.0
182.0	479.0	3.0	570.0	388.0
182.0	327.0	1.0	418.0	236.0
182.0	571.0	3.0	662.0	480.0
182.0	54.8	7.0	145.8	-36.2
182.0	-96.8	3.0	-5.8	-187.8
181.8	-127.1	1.0	-36.2	-218.0
181.8	-66.5	2.0	24.4	-157.4
181.2	-187.4	6.0	-96.8	-278.0
121.4	-127.1	2.0	-66.4	-187.8
121.2	-157.4	2.0	-96.8	-218.0
90.6	-202.7	2.0-157.4	-248.0	
32.0	-294.0	2.0-278.0	-310.0	
30.4	-21.0	1.0	-5.8	-36.2

Appendix 2: Stress-Strain-Init.Life file: "merged_a36_w_POL_fitted.html"

#SAE Standard Fatigue Data File format

##

Pick one: #FDE_plot #FDE_fit ##

```
#
#Copyright (C) 2014 F.D.E. Committee
#This data file is free software - you can redistribute it and/or
#modify it under the terms of the GNU General Public License as
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#along with this program - if not, write to the Free Software
#Foundation, Inc., 59 Temple Place - Suite 330, Boston, MA 02111-1307, USA
#Try also their web site: http://www.gnu.org/copyleft/gpl.html
#
# NOTE: Fitted Data !! with Adjustment for expected Periodic OverLoads
# Original test data:
# A36 Steel Merged Data Sets from Refs. 1 and 2:
# Ref.1: P.Dindinger report to Fat.Des.+Eval. Comm. Apr.2012
# Ref.2: G.A.Miller and H.S.Reemsnyder, "Strain-Cycle Fatigue of Sheet and
# Plate Steels I: Test Method Development and Data Presentation,"
# SAE Paper 830175, Detroit MI, Feb28-Mar.4, 1983
#
# NOTE that original test data ends at 2Nf = 1.3million.
#
#FileType= strain_life
#DataType= fitted
#TIMEcol= 0
#NAME= ASTM-A36
#NAME= Structural
#NAME= Steel
#Stress_units= ksi
#Strain_units= strain
#Sy= 38.4 0.2pc offset, 265 mpa
#Su= 69. ksi from Miller/Reemsnyder = 475 mpa
#eu= 0 #strain at Su not reported
#E= 29528. ksi = 203600 mpa
#FractureStrain= 0 not reported
#FractureStress= 0. not reported
#monotonic_K= 0 not reported
#monotonic_n= 0 not reported
#BHN= 138.
#%RA= 0. % not reported
#
#NOTE!! The Following Points are FITTED DATA:
#NOTE!! Fitted Stress computed using Experm. K' and n'
#Total Strain 2Nf Stress Mean Plastic Strain Initial
## Amp Amp Stress Amp Elastic Mod.
0.88485 1 115.3 0. 0.88095 29528. #Fitted_point
```

Results for t3b1s2_Kt=2.out : Crack Initiation Using saefcalc2

0.00914	5000	52.1	0.	0.00737	29528.	#Fitted_point
0.00665	10000	48.8	0.	0.00499	29528.	#Fitted_point
0.00493	20000	45.7	0.	0.00338	29528.	#Fitted_point
0.00344	50000	42.0	0.	0.00202	29528.	#Fitted_point
0.00270	100000	39.3	0.	0.00136	29528.	#Fitted_point
#Following are Estimated Periodic Overload Curve Points:						
0.00217	150000	36.8	0.	0.00092	29528.	#Fitted_pointPOL
0.00169	240000	33.8	0.	0.00055	29528.	#Fitted_pointPOL
0.00144	400000	31.6	0.	0.00037	29528.	#Fitted_pointPOL
0.00125	600000	29.6	0.	0.00025	29528.	#Fitted_pointPOL
0.00106	800000	27.1	0.	0.00014	29528.	#Fitted_pointPOL
0.0008	1400000	23.6	0.	0.0	29528.	#Fitted_pointPOL
0.0004	6000000	11.8	0.	0.0	29528.	#Fitted_pointPOL
0.0004	30000000	11.8	0.	0.0	29528.	#Fitted_pointPOL
#						
#						