

Supplemental Figure 1

SUPPLEMENTAL FIGURE 1

Version 1				Version 2				Version 3				Version 3			
Loading pressure (bar)	Velocity (m/s)	Mass (g)	Ek (J)	Loading pressure (bar)	Velocity (m/s)	Mass (g)	Ek (J)	Loading pressure (bar)	Velocity (m/s)	Mass (g)	Ek (J)	Loading pressure (bar)	Velocity (m/s)	Mass (g)	Ek (J)
	1,5	23	58 15,341		1	53	58 81,461		5	83	58 199,781		4	70	58 142,1
	2	34	58 33,524		1	54	58 84,564		7,5	98	58 278,516		4	73	58 154,541
	2,5	36	58 37,584		1,5	56	58 90,944		10	102	58 301,716		5,1	79	58 180,989
	3	39	58 44,109		2	62	58 111,476		10,9	106	58 325,844		5	80	58 185,6
	4	55	58 87,725		2,7	67	58 130,181						5	83	58 199,781
	4	49	58 69,629		3	69	58 138,069						7	88	58 224,576
	5	56	58 90,944		4	74	58 158,804						7	90	58 234,9
	6	63	58 115,101		4	77	58 171,941						7	93	58 250,821
	8	61	58 107,909		5	74	58 158,804						7	94	58 256,244
	8	65	58 122,525		5	77	58 171,941						7	94	58 256,244
	8	65	58 122,525		6	80	58 185,6						7	96	58 267,264
					6	86	58 214,484						7,2	92	58 245,456
					7	89	58 229,709						9,8	113	58 370,301
					8	90	58 234,9						10	110	58 350,9
					8	92	58 245,456								
					8	96	58 267,264								
					8	97	58 272,861								
					8,5	93	58 250,821								
					8,7	98	58 278,516								
					10	101	58 295,829								
Minimum		23	15,34	Minimum		53	81,46	Minimum		83	199,8	Minimum		70	142,1
25% Percentile		36	37,58	25% Percentile		67,5	132,2	25% Percentile		86,75	219,5	25% Percentile		79,75	184,4
Median		55	87,73	Median		78,5	178,8	Median		100	290,1	Median		91	240,2
75% Percentile		63	115,1	75% Percentile		92,75	249,5	75% Percentile		105	319,8	75% Percentile		94,5	259
Maximum		65	122,5	Maximum		101	295,8	Maximum		106	325,8	Maximum		113	370,3
Range		42	107,2	Range		48	214,4	Range		23	126,1	Range		43	228,2
10% Percentile		25,2	18,98	10% Percentile		54,2	85,2	10% Percentile		83	199,8	10% Percentile		71,5	148,3
90% Percentile		65	122,5	90% Percentile		97,9	278	90% Percentile		106	325,8	90% Percentile		111,5	360,6
95% CI of median				95% CI of median				95% CI of median				95% CI of median			
Actual confidence level	98,83%		98,83%	Actual confidence level	95,86%		95,86%	Actual confidence level	87,50%		87,50%	Actual confidence level	98,71%		98,71%
Lower confidence limit		34	33,52	Lower confidence limit		69	138,1	Lower confidence limit		83	199,8	Lower confidence limit		79	181
Upper confidence limit		65	122,5	Upper confidence limit		92	245,5	Upper confidence limit		106	325,8	Upper confidence limit		96	267,3
Mean		49,64	76,99	Mean		79,25	188,7	Mean		97,25	276,5	Mean		89,64	237,1
Std. Deviation		14,5	39,04	Std. Deviation		15,41	69,04	Std. Deviation		10,05	54,65	Std. Deviation		12,31	65,51
Std. Error of Mean		4,372	11,77	Std. Error of Mean		3,446	15,44	Std. Error of Mean		5,023	27,33	Std. Error of Mean		3,291	17,51
Lower 95% CI of mean		39,9	50,76	Lower 95% CI of mean		72,04	156,4	Lower 95% CI of mean		81,27	189,5	Lower 95% CI of mean		82,53	199,3
Upper 95% CI of mean		59,38	103,2	Upper 95% CI of mean		86,46	221	Upper 95% CI of mean		113,2	363,4	Upper 95% CI of mean		96,75	274,9