

Odd n-alkane C<sub>25-33</sub> abundance and its flux and C<sub>37</sub> alkenone abundance and its flux records. *n*-alkane chain length indexes are also shown. Blank means no data.  $CPI_{27-33} = 0.5 [(C_{27}+C_{29}+C_{31}+C_{33}) / (C_{26}+C_{28}+C_{30}+C_{32}) + (C_{27}+C_{29}+C_{31}+C_{33}) / (C_{28}+C_{30}+C_{32}+C_{34})]$ .  $ACL_{27-33} = [27(C_{27})+29(C_{29})+31(C_{31})+33(C_{33})] / (C_{27}+C_{29}+C_{31}+C_{33})$ .

Sec	cube	Depth	Age	odd C <sub>25-33</sub>	odd C <sub>25-33</sub> flux	C <sub>31</sub> /(C <sub>29</sub> +C <sub>31</sub> )	ACL <sub>27-33</sub>	CPI <sub>27-33</sub>	C <sub>37</sub>	C <sub>37</sub> flux	SST
		cm	ka	ng/g-sed	ng/cm <sup>2</sup> *kyr				ng/g	ng/cm <sup>2</sup> *kyr	°C
HY04	MC	0-2	0	191.45		0.51	30.05	3.60			
HY04	PC										
2	3	6.07	3.10	194.3	162.0	0.57	30.45	4.86	24.9	20.7	
2	5	10.92	5.64	203.9	221.4	0.54	30.40	5.15	14.5	15.8	
2	7	15.77	7.93	200.9	220.1	0.57	30.47	5.20	62.4	68.4	25.7
2	9	20.63	10.22						160.6	179.8	26.5
2	11	25.48	12.52	287.8	302.5	0.57	30.42	4.51	496.6	522.0	26.2
2	13	30.34	14.81	251.9	234.7	0.57	30.45	5.60	605.8	564.3	26.5
2	15	35.19	17.11			0.56	30.35	5.02	968.9	785.3	26.4
2	17	40.04	18.94	195.0	240.0	0.56	30.27	4.16	1432.3	1762.7	26.1
2	19	44.90	20.33	252.2	301.3	0.53	29.87	2.87	1439.5	1720.1	26.0
2	21	49.75	21.71	201.4	232.5	0.54	30.22	3.53	1760.0	2031.7	25.8
2	23	54.60	24.35	158.7	174.3	0.55	30.33	3.98	1156.9	1270.8	26.2
2	25	59.46	26.40	127.9	150.4	0.56	30.34	3.92	1430.6	1682.7	25.8
2	27	64.31	27.85	157.8	185.4	0.54	30.21	3.25	1435.9	1687.0	26.3
2	29	69.16	29.29	171.0	212.1	0.55	30.25	3.04	1077.4	1336.6	26.4
2	31	74.02	33.94	135.6	61.5	0.53	30.08	3.17	904.9	410.4	26.3
2	33	78.87	38.62	135.8	71.0	0.54	30.20	3.47	522.0	272.9	26.4
2	35	83.73	43.28	202.4	107.3	0.50	29.71	2.67	541.3	286.9	26.4
2	37	88.58	44.77	133.4	219.0	0.55	30.43	5.23	784.4	1287.9	26.2
2	39	93.43	46.26	114.1	176.5	0.54	30.41	5.07	787.9	1219.4	26.4
3	1	102.23	48.96	128.2	199.5	0.53	30.10	3.52	753.5	1172.9	26.4
3	3	107.15	50.47	131.1	197.0	0.51	29.85	2.94	993.7	1493.9	26.3
3	5	112.08	51.98	90.3	135.5	0.55	30.40	4.68	938.6	1408.1	26.5
3	7	117.00	53.49	78.0	113.4	0.54	30.36	5.54	548.0	796.1	26.6
3	9	121.92	55.00	100.6	133.7	0.54	30.34	5.16	894.4	1189.4	26.6
3	11	126.85	56.75	123.6	146.2	0.54	30.40	5.12	676.3	799.4	26.7
3	13	131.77	58.50	171.4	179.9	0.55	30.40	4.14	1073.7	1126.6	26.6
3	15	136.69	60.25	168.9	159.0	0.54	30.38	5.08	1607.6	1513.0	26.4
3	17	141.62	62.00	216.5	185.5	0.52	30.07	3.90	2309.1	1978.2	26.3
3	19	146.54	63.75	261.8	207.2	0.50	29.84	3.03	1917.6	1517.4	26.3
3	21	151.46	65.50	168.5	133.6	0.52	30.16	4.52	2206.9	1749.9	26.1
3	23	156.38	67.25						2679.7	2093.1	26.1
3	25	161.31	69.00	180.8	138.2	0.52	30.21	3.66	3249.1	2484.7	26.1
3	27	166.23	70.75	155.6	137.5	0.51	30.11	4.20	2181.5	1928.3	26.3
3	29	171.15	72.50	140.7	143.2	0.51	30.17	4.61	1925.8	1959.9	26.4
3	31	176.08	74.25	111.0	111.3	0.52	30.19	4.45	898.7	901.3	26.7
3	33	181.00	76.00	135.5	149.9	0.53	30.25	4.04	1441.3	1594.1	26.3
3	35	185.92	77.74	113.9	109.0	0.53	30.28	4.84	877.0	839.0	26.8
3	37	190.85	80.86						859.6	419.8	26.8
3	39	195.77	84.18						1042.6	509.2	26.9
4	1	198.21	85.83	151.5	71.8	0.50	30.17	5.01	1838.1	870.9	26.7
4	3	203.06	89.11	173.6	81.3	0.51	30.18	4.73	2634.3	1234.0	26.5
4	5	207.90	92.38	154.4	69.0	0.53	30.30	4.63	2045.1	913.8	26.5
4	7	212.75	95.65	152.5	69.9	0.51	30.19	5.06	1164.8	534.1	27.0
4	9	217.59	98.92	150.6	77.0	0.52	30.30	5.42	1305.5	667.3	27.0
4	11	222.44	102.20	184.9	98.6	0.52	30.36	5.55	843.0	449.4	27.1
4	13	227.28	105.47	194.2	99.5	0.51	30.31	5.54	938.6	480.9	26.8
4	15	232.13	108.74	225.6	115.9	0.52	30.39	5.56	466.1	239.5	27.0
4	17	236.97	112.01	192.4	85.1	0.51	30.28	5.57	768.1	340.0	26.8
4	19	241.82	115.28	233.3	113.0	0.51	30.34	5.62	842.9	408.1	26.8
4	21	246.66	118.56	229.8	110.5	0.52	30.39	5.59	609.7	293.1	26.8
4	23	251.51	121.83	274.8	160.1	0.52	30.41	5.81	588.3	342.7	26.9
4	25	256.35	123.78	245.1	267.7	0.51	30.35	5.69	657.6	718.4	26.9
4	27	261.20	125.69	257.8	296.6	0.53	30.44	5.60	454.5	522.9	27.2
4	29	266.04	127.60	218.7	248.8	0.53	30.39	5.62	980.3	1115.1	27.1
4	31	270.89	129.50	182.1	197.7	0.55	30.45	4.74	1578.6	1713.3	26.9
4	33	275.73	131.19	175.3	212.8	0.55	30.42	5.03	1784.2	2166.2	26.8
4	35	280.58	132.87	143.0	160.1	0.56	30.44	5.54	1835.7	2055.3	26.8

4	37	285.42	134.55	134.3	155.0	0.57	30.44	5.19	1342.1	1548.6	26.8
4	39	290.27	136.24	126.9	140.2	0.56	30.37	5.22	1669.7	1844.5	26.8
5	1	295.65	138.11	117.7	143.2	0.56	30.41	5.02	1976.7	2404.5	26.7
5	3	300.65	139.84	115.0	143.3	0.57	30.43	5.16	1603.7	1998.2	26.7
5	5	305.65	141.58	120.9	146.0	0.56	30.42	5.10	1600.6	1932.8	26.6
5	7	310.65	143.32	139.2	164.5	0.57	30.48	5.48	1709.9	2019.9	26.6
5	9	315.65	145.05	156.4	184.3	0.56	30.45	5.35	1363.4	1607.1	26.6
5	11	320.65	146.79	138.8	154.5	0.57	30.45	5.30	1531.0	1705.3	26.5
5	13	325.65	148.53	123.6	142.4	0.56	30.40	4.81	1803.5	2078.5	26.5
5	15	330.65	150.26	95.3	104.6	0.53	30.34	5.09	1572.3	1724.1	26.4
5	17	335.65	152.89	143.1	98.8	0.58	30.49	4.97	1338.0	924.1	26.0
5	19	340.65	155.58						2739.7	1720.8	26.7
5	21	345.65	158.28	107.1	70.1	0.55	30.33	5.29	2966.9	1941.5	26.6
5	23	350.65	160.97	144.9	78.6	0.56	30.32	5.19	2440.7	1323.9	26.6
5	25	355.65	163.67	143.7	90.3	0.56	30.33	5.42	2505.6	1575.3	26.6
5	27	360.65	166.36	179.6	113.1				2121.4	1336.6	26.7
5	29	365.65	169.06	155.0	117.9	0.56	30.42	3.90	1418.8	1079.9	26.6
5	31	370.65	171.75	152.2	109.2	0.56	30.39	4.86	1860.6	1335.6	26.7
5	33	375.65	174.26	165.2	135.3	0.55	30.33	5.48	2476.9	2028.4	26.8
5	35	380.65	176.40						2256.4	1853.0	26.8
5	37	385.65	178.54	153.4	127.0	0.57	30.27	4.56	2312.6	1914.0	26.7
5	39	390.65	180.67						3941.9	2953.8	26.7
6	1	394.64	182.38	179.8	98.5	0.52	30.12	3.62	4823.7	2641.5	26.7
6	3	399.60	184.50	183.0	118.1	0.53	30.16	4.07			
6	5	404.56	186.62	178.2	95.8	0.51	30.02	4.20	5095.2	2740.0	26.7
6	7	409.52	188.74	153.0	87.5	0.51	30.02	3.93			
6	9	414.48	190.86	160.8	84.7	0.50	29.92	3.89	4230.3	2227.7	26.6
6	11	419.44	192.98	134.3	81.5	0.51	30.05	4.27			
6	13	424.40	195.10	144.5	69.2	0.49	29.93	4.26	2404.5	1152.1	26.9
6	15	429.36	198.22	165.8	54.4	0.48	29.77	3.31			
6	17	434.32	202.59	123.1	42.2	0.50	29.96	3.94	1128.4	386.5	26.5
6	19	439.28	206.95	132.8	47.6	0.50	30.00	4.08			
6	21	444.24	211.32	116.5	47.2	0.50	29.84	3.12	1290.7	522.9	26.7
6	23	449.20	215.69	119.2	53.1	0.54	30.23	4.55			
6	25	454.16	218.55	99.4	112.1	0.54	30.01	4.04	1358.7	1531.3	26.6
6	27	459.12	220.31	117.3	116.7	0.53	30.14	3.94			
6	29	464.08	222.08	109.0	98.6	0.50	29.96	3.40	1645.7	1488.3	26.5
6	31	469.04	223.85	129.3	123.4	0.53	30.25	5.09			
6	33	474.00	225.62	113.8	126.4	0.52	30.13	4.26	1996.0	2217.0	26.4
6	35	478.96	227.39	151.5	145.4	0.55	30.30	4.07			
6	37	483.92	229.16	137.9	141.7	0.53	30.20	3.91	1738.8	1786.5	26.6
6	39	488.88	230.93	138.4	151.2	0.51	30.05	3.67			
7	1	493.82	232.69	124.7	170.5	0.53	30.30	4.59	1051.3	1437.4	26.6
7	3	498.69	236.41	149.3	97.2	0.50	29.92	2.99			
7	5	503.57	240.30	119.1	68.9	0.52	30.05	3.66	1219.9	705.5	26.3
7	7	508.44	243.65	127.5	133.0	0.51	29.88	2.60			
7	9	513.32	246.12	109.9	113.5	0.51	29.89	2.90	1538.5	1588.7	25.9
7	11	518.19	248.60	103.9	97.9	0.50	29.84	2.88			
7	13	523.07	251.07	117.0	116.1	0.50	29.81	2.57	1300.9	1291.2	26.0
7	15	527.94	253.55	102.6	99.4	0.52	30.01	3.23			
7	17	532.82	256.02	115.4	100.7	0.53	30.07	3.43	1900.2	1658.3	25.7
7	19	537.69	258.50	120.9	89.8	0.54	30.23	4.75			
7	21	542.57	260.97	143.3	105.4	0.54	30.18	4.22	2403.8	1767.5	25.8
7	23	547.44	263.44	157.7	95.6	0.54	30.19	4.73			
7	25	552.32	265.92	178.4	94.6	0.53	30.07	3.87	3153.2	1672.5	25.1
7	27	557.19	268.39	163.4	86.6	0.52	29.97	3.87			
7	29	562.07	270.81	175.3	97.1	0.50	29.80	3.55	4085.1	2262.5	25.4
7	31	566.94	273.23	193.8	111.0	0.50	30.00	3.64			
7	33	571.82	275.64	127.6	83.8	0.52	30.14	5.00	3445.3	2263.5	25.6
7	35	576.69	278.06	140.8	78.4	0.51	30.04	4.42			
7	37	581.57	280.77	108.1	75.0	0.49	29.76	2.75	1415.3	981.9	25.6
7	39	586.44	283.55	103.0	73.3	0.54	30.15	3.81			
8	1	592.14	286.79	113.1	76.5	0.53	30.10	3.57	1443.5	976.2	25.7
8	3	597.10	289.62	136.5	88.3	0.50	29.83	2.94			
8	5	602.06	292.44	119.9	87.0	0.50	29.97	3.78	2658.8	1929.6	25.9
8	7	607.02	295.27	156.0	101.7	0.47	29.57	2.53			
8	9	611.98	298.15	151.5	91.7	0.48	29.68	2.67	2727.3	1650.6	25.7

8	11	616.93	301.24	148.9	88.5	0.48	29.73	2.77				
8	13	621.89	304.33	103.7	58.1	0.49	29.88	3.66	2429.9	1360.3	26.0	
8	15	626.85	307.41	116.0	67.3	0.48	29.87	3.36				
8	17	631.81	310.50	141.8	90.3	0.47	29.67	2.79	1421.5	905.4	26.1	
8	19	636.77	314.61	103.3	41.1	0.51	30.08	3.67				
8	21	641.73	319.58	100.2	50.9	0.53	30.30	4.03	1068.7	542.2	26.5	
8	23	646.69	324.56	157.8	68.2	0.47	29.66	2.36	1168.1	504.7	26.5	
8	25	651.65	329.54	153.5	77.6	0.50	30.09	3.86	689.3	348.3	26.5	
8	27	656.61	334.51	149.9	79.5	0.51	30.25	4.48	438.9	232.8	26.7	
8	29	661.57	335.72	210.4	509.3	0.50	30.00	3.23				
8	31	666.52	336.80	222.6	473.6	0.54	30.14	3.52	1401.9	2982.5	26.6	
8	33	671.48	337.88	236.0	536.7	0.52	30.03	3.14	2469.4	5616.4	26.0	
8	35	676.44	338.96	176.5	392.6	0.54	30.11	3.53	2239.2	4979.8	25.6	
8	37	681.40	341.90	182.3	147.4	0.52	29.98	3.13	2121.3	1714.7	25.8	
8	39	686.36	344.87	116.0	78.4	0.55	30.28	4.32	2015.4	1362.6	25.5	
9	1	688.84	346.36	115.1	90.3	0.53	30.08	3.47	1963.1	1539.7	25.3	
9	3	693.79	349.32	178.1	139.7	0.49	29.59	2.30	2122.2	1665.0	25.3	
9	5	698.74	352.28	142.8	103.6	0.52	29.92	2.87	2155.6	1565.0	25.2	
9	7	703.69	355.24	134.5	90.1	0.54	30.07	3.62	2717.7	1820.9	24.9	
9	9	708.64	358.21	167.9	103.8	0.52	29.86	3.17	2912.9	1801.1	24.7	
9	11	713.59	361.17	151.4	81.6	0.54	30.08	3.63	3185.4	1716.4	24.5	
9	13	718.54	364.13	177.2	126.8	0.55	30.18	3.81	3064.7	2193.6	25.2	
9	15	723.49	367.09	169.4	103.0	0.55	30.15	3.83	3002.2	1825.6	25.1	
9	17	728.44	370.06	168.5	86.2	0.52	29.95	3.38	3651.1	1868.3	25.1	
9	19	733.39	373.02	170.7	89.8	0.53	30.03	3.68	4309.6	2266.4	25.0	
9	21	738.34	375.98	161.3	90.5	0.53	30.11	3.72	5791.0	3251.7	25.1	
9	23	743.29	378.94	181.3	98.0	0.52	29.93	2.95	4003.1	2163.5	25.4	
9	25	748.24	381.91	207.4	107.2	0.50	29.72	2.89	3918.7	2025.4	25.5	
9	27	753.19	384.90	196.5	113.0	0.50	29.73	2.85	4106.6	2360.8	25.4	
9	29	758.14	388.97	171.5	70.1	0.51	29.85	3.05	3661.1	1496.5	25.9	
9	31	763.09	393.03	180.4	63.1	0.53	29.96	3.31	3643.3	1273.1	26.2	
9	33	768.04	397.10	171.7	65.1	0.52	30.01	3.45	3623.0	1372.5	26.2	
9	35	772.99	401.16	124.1	53.9	0.56	30.31	4.94	3007.8	1306.1	26.1	
9	37	777.94	405.24	148.2	65.5	0.52	29.96	3.07	1477.1	652.6	26.1	
9	39	782.89	409.87	179.4	90.1	0.48	29.57	2.22	1144.6	574.6	26.3	
10	1	787.84	414.49	105.5	53.4	0.49	29.78	2.94	219.1	111.0	25.8	
10	3	792.81	419.13	120.3	73.4	0.51	29.95	3.55	206.8	126.2	25.9	
10	5	797.78	423.71	140.4	81.7	0.54	30.26	4.59	327.4	190.6	25.9	
10	7	802.75	427.05	166.1	130.8	0.57	30.39	4.76	1223.1	963.6	25.5	
10	9	807.72	430.40	127.1	107.5	0.54	30.04	3.64	1127.6	953.4	24.5	
10	11	812.69	433.80	110.1	92.9	0.55	30.22	4.48	1164.0	981.6	24.5	
10	13	817.66	437.86	93.3	76.9	0.57	30.35	5.19	930.7	767.4	24.3	
10	15	822.63	441.91	84.4	68.4	0.57	30.34	4.97	784.1	635.6	24.3	
10	17	827.60	445.97	113.0	99.0	0.51	29.76	2.70	626.7	549.2	24.8	
10	19	832.57	450.03	58.1	40.9	0.54	30.15	4.27	669.4	471.7	25.1	
10	21	837.54	454.08	92.3	62.8	0.56	30.22	4.30	801.8	545.3	25.1	
10	23	842.51	458.14	85.3	55.7	0.56	30.22	4.48	960.1	626.5	24.9	
10	25	847.48	462.19	68.7	43.0	0.52	30.11	4.65	597.3	374.0	25.1	
10	27	852.45	466.25	101.2	56.8	0.55	30.18	3.97	1046.2	587.2	25.3	
10	29	857.42	470.31	112.8	58.6	0.51	29.93	3.74	918.1	477.2	25.4	
10	31	862.39	474.36	124.5	56.1	0.53	30.17	5.18	1913.7	863.0	25.5	
10	35	872.33	479.00	150.5	81.7	0.50	29.99	4.16	2327.7	1263.5	25.7	
10	37	877.30	481.32	114.7	66.6	0.51	30.04	4.50	2240.9	1302.4	25.9	
10	39	882.27	483.64	83.0	53.3	0.51	30.04	4.84	1568.9	1006.2	26.2	
11	1	887.63	486.13	104.3	86.3	0.52	29.76	2.88	1317.0	1090.0	26.4	
11	3	892.53	488.42	107.0	96.0	0.50	29.72	2.58	1462.9	1312.2	26.1	
11	5	897.44	490.71	98.4	90.0	0.51	29.84	2.98	1324.6	1212.2	26.4	
11	7	902.35	493.00	93.4	81.0	0.48	29.55	2.59	1515.5	1314.3	26.4	
11	9	907.26	495.29	53.6	52.1	0.52	29.95	3.62	1311.3	1275.3	26.5	
11	11	912.16	497.79	57.4	48.0	0.56	30.04	4.40	1509.2	1260.8	26.5	
11	13	917.07	502.77	61.2	24.3	0.42	29.36	2.86	590.1	234.1	26.1	
11	15	921.98	507.74	66.6	31.0	0.45	29.65	2.73	798.8	371.7	26.1	
11	17	926.89	512.72	74.9	32.2	0.50	29.85	3.07	572.6	246.3	25.9	
11	19	931.79	520.41	100.3	31.5	0.50	29.98	3.20	1117.8	351.4	25.6	
11	21	936.70	528.12	75.8	24.8	0.48	29.92	3.32	681.3	222.4	25.7	
11	23	941.61	532.22	89.4	51.6	0.45	29.56	2.64	416.0	239.9	25.9	
11	25	946.51	536.26	87.7	43.7	0.52	30.02	3.23	558.2	277.8	25.6	

11	27	951.42	540.29	138.1	59.9	0.52	29.82	2.71	1212.8	525.9	25.0
11	29	956.33	544.32	136.0	66.2	0.54	30.03	3.21	1600.8	778.8	25.1
11	31	961.24	548.25	114.0	62.2	0.53	30.02	3.31	1545.7	844.0	25.2
11	33	966.14	551.50	102.6	52.3	0.54	30.25	4.84	1642.9	837.3	25.7
11	35	971.05	554.75	97.1	49.3	0.53	30.15	4.49	1722.3	875.1	25.6
11	37	975.96	558.01	102.2	45.8	0.52	30.05	4.56	1658.5	743.5	25.7
11	39	980.87	561.26	99.4	46.4	0.54	30.17	4.95	1780.2	830.2	25.7
12	1	988.45	566.28	114.6	53.2	0.52	30.14	4.57	1555.0	721.4	26.2
12	3	993.43	569.58						1801.4	808.7	26.0
12	5	998.41	572.89	132.7	70.9	0.52	30.05	4.11	1720.1	919.7	26.1
12	7	1003.39	576.19	105.0	60.7	0.51	30.05	4.50	1134.4	655.8	26.0
12	9	1008.37	579.49	148.7	87.8	0.50	29.90	3.39	1081.2	638.8	26.1
12	11	1013.35	582.79	131.8	78.8	0.50	29.88	3.57	1008.0	602.8	26.1
12	13	1018.33	587.07	121.7	51.5	0.51	29.96	3.51	1371.8	580.3	26.1
12	15	1023.31	591.60	122.5	55.3	0.52	30.03	3.79	2038.7	920.9	25.9
12	17	1028.29	596.13	167.2	71.4	0.49	29.65	2.90	1562.4	666.8	25.7
12	19	1033.27	600.65	134.9	49.3	0.51	29.92	3.31	1552.5	567.3	26.1
12	21	1038.25	605.18	150.6	63.9	0.52	29.93	3.25	1278.5	542.9	26.0
12	23	1043.23	609.71	138.3	62.5	0.53	30.03	3.67	1442.3	651.8	26.0
12	25	1048.21	614.24	95.2	47.2	0.55	30.32	4.72	824.1	409.1	26.0
12	27	1053.19	619.01	124.5	62.5	0.53	30.22	4.01	382.8	192.0	26.0
12	29	1058.17	623.79	147.9	73.0	0.51	29.79	2.82	442.7	218.3	26.0
12	31	1063.15	628.56	186.8	97.6	0.54	29.81	2.70	969.3	506.3	26.0
12	33	1068.13	632.49	144.7	95.1	0.60	30.53	4.93	1236.8	812.5	25.7
12	35	1073.11	636.04	105.1	82.9	0.59	30.46	5.26	1404.9	1108.1	25.5
12	37	1078.09	639.60	112.8	84.8	0.58	30.34	4.90	1430.1	1075.4	25.6
12	39	1083.07	643.15	95.9	71.6	0.59	30.43	5.12	1370.6	1023.5	25.4
13	1	1089.42	647.69	138.8	96.5	0.53	29.98	2.38	1148.5	798.0	25.7
13	3	1094.28	651.16	87.4	60.4	0.56	30.20	3.81	1245.2	860.0	25.4
13	5	1099.14	654.63	91.5	71.5	0.57	30.25	3.61	1572.4	1228.7	25.5
13	7	1104.01	658.10	82.2	61.1	0.57	30.29	4.60	1465.3	1089.8	25.5
13	9	1108.87	661.57	93.3	59.0	0.56	30.15	3.49	1108.2	700.2	25.6
13	11	1113.73	665.04	105.7	66.8	0.55	30.07	3.44	1451.5	916.8	25.6
13	13	1118.60	668.51	99.8	60.7	0.55	30.11	3.55	1568.6	954.0	25.5
13	15	1123.46	671.98	108.5	62.6	0.53	29.84	3.00	1649.8	952.2	25.5
13	17	1128.32	675.45	95.7	50.3	0.57	30.35	5.29	1646.4	865.9	25.7
13	19	1133.19	678.93	104.0	48.6	0.57	30.31	5.34	1788.4	835.6	25.7
13	21	1138.05	682.40	138.2	49.6	0.55	30.23	4.86	2843.5	1020.1	25.6
13	23	1142.91	685.87	131.7	48.8	0.56	30.35	5.61	2197.9	814.3	25.7
13	25	1147.78	689.34	115.8	52.2	0.56	30.31	5.22	1927.1	868.3	25.9
13	27	1152.64	692.81	108.2	39.4	0.55	30.35	5.19	1502.3	546.7	26.1
13	29	1157.50	696.25	145.3	47.6	0.53	30.08	3.92	2090.5	684.4	26.4
13	31	1162.37	699.34	165.4	68.0	0.54	30.21	4.32	3476.0	1428.6	26.1
13	33	1167.23	702.42	135.9	66.3	0.53	30.07	3.74	2204.0	1075.7	26.1
13	35	1172.09	705.51	117.8	57.8	0.53	30.12	3.46	1093.2	536.6	26.2
13	37	1176.96	708.60	84.8	59.9	0.52	30.17	3.84	384.7	271.9	26.1
13	39	1181.82	711.69	66.2	48.3	0.53	30.34	4.56	207.8	151.5	26.3
13	41	1186.68	714.77	56.4	46.6	0.54	30.36	4.56	158.3	130.8	26.2
14	1	1189.61	716.63	55.1	46.0	0.52	30.27	4.36	156.5	130.7	26.1
14	3	1194.47	719.80	82.3	62.5	0.56	30.44	4.51	279.4	212.1	26.1
14	5	1199.32	723.11	105.4	70.7	0.55	30.37	5.21	1230.6	826.0	25.9
14	7	1204.17	726.42	88.0	58.7	0.56	30.31	4.61	1809.6	1206.7	25.5
14	9	1209.03	729.72	36.7	31.9	0.52	30.23	4.52	632.0	549.0	25.9
14	11	1213.88	733.03	33.5	28.6	0.50	29.92	5.53	375.3	321.0	26.2
14	13	1218.74	736.33						428.4	356.1	25.89