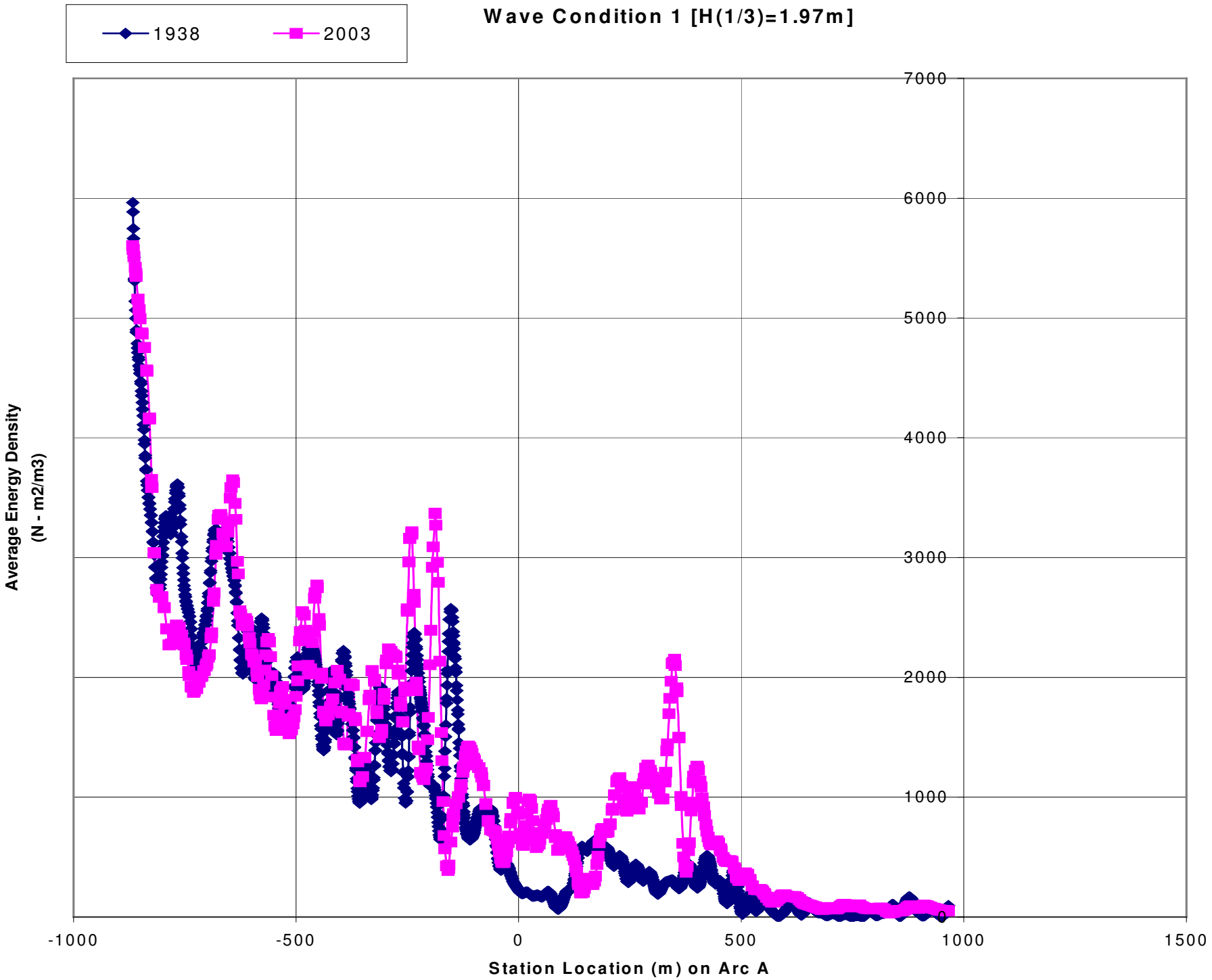
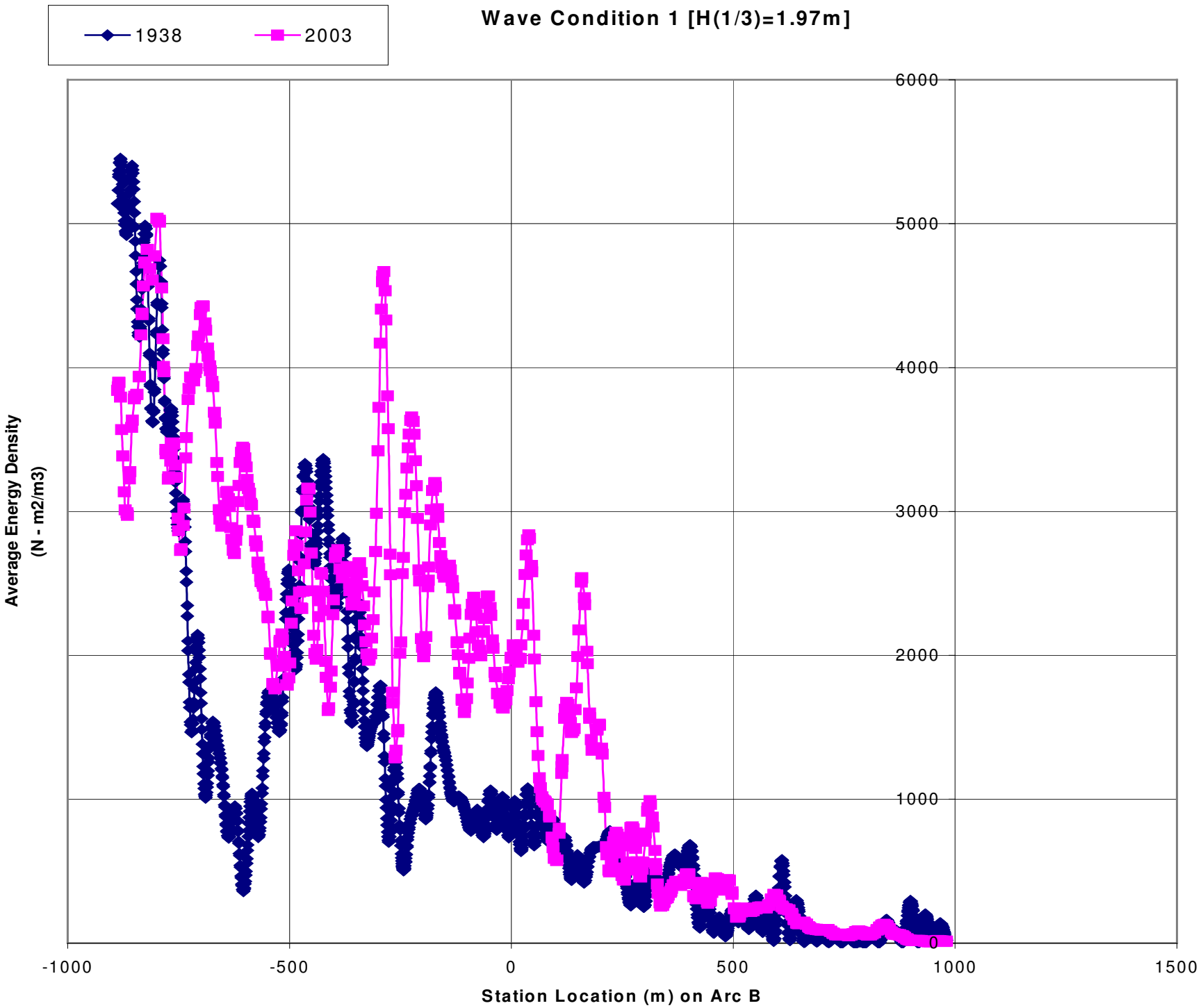
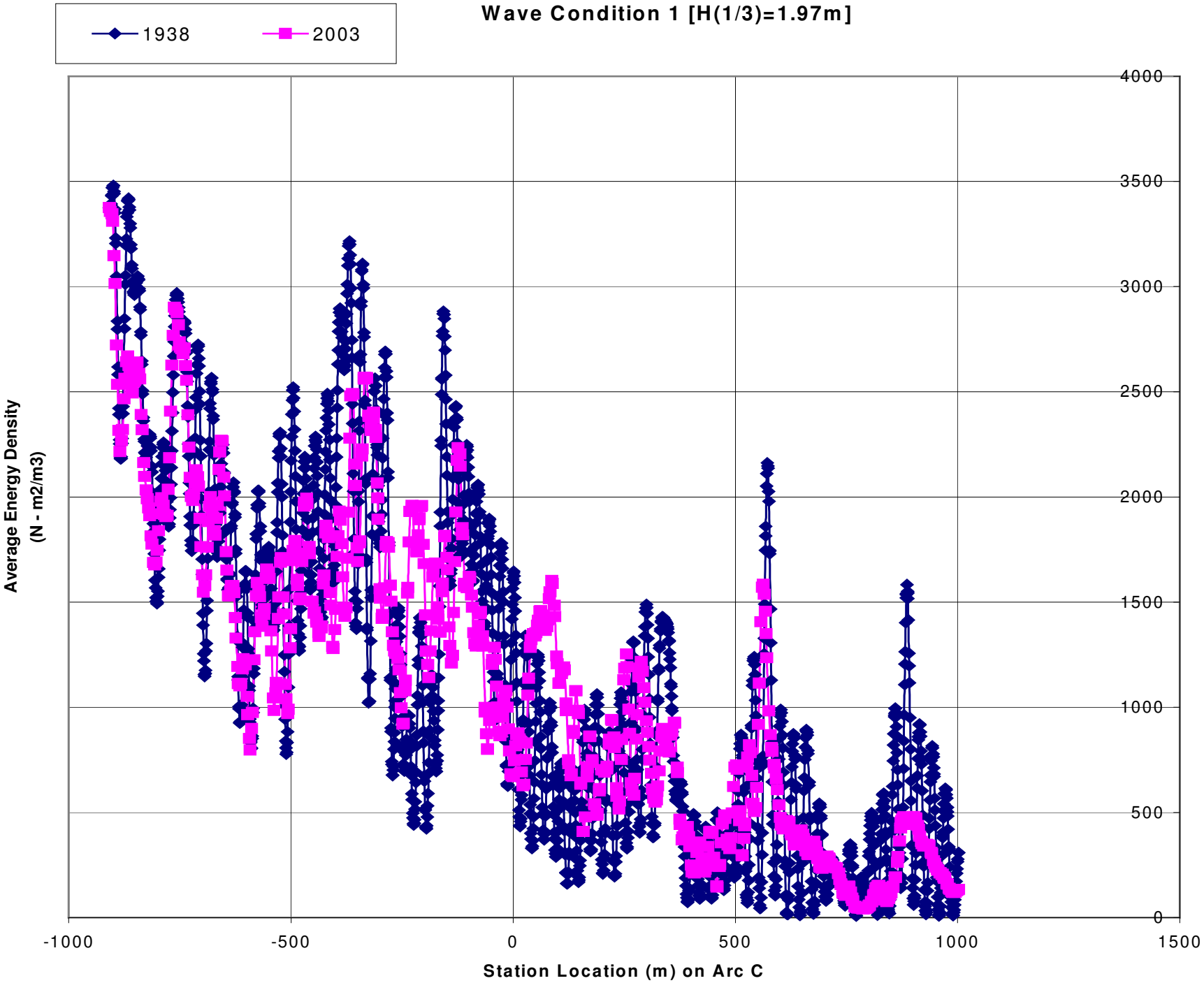
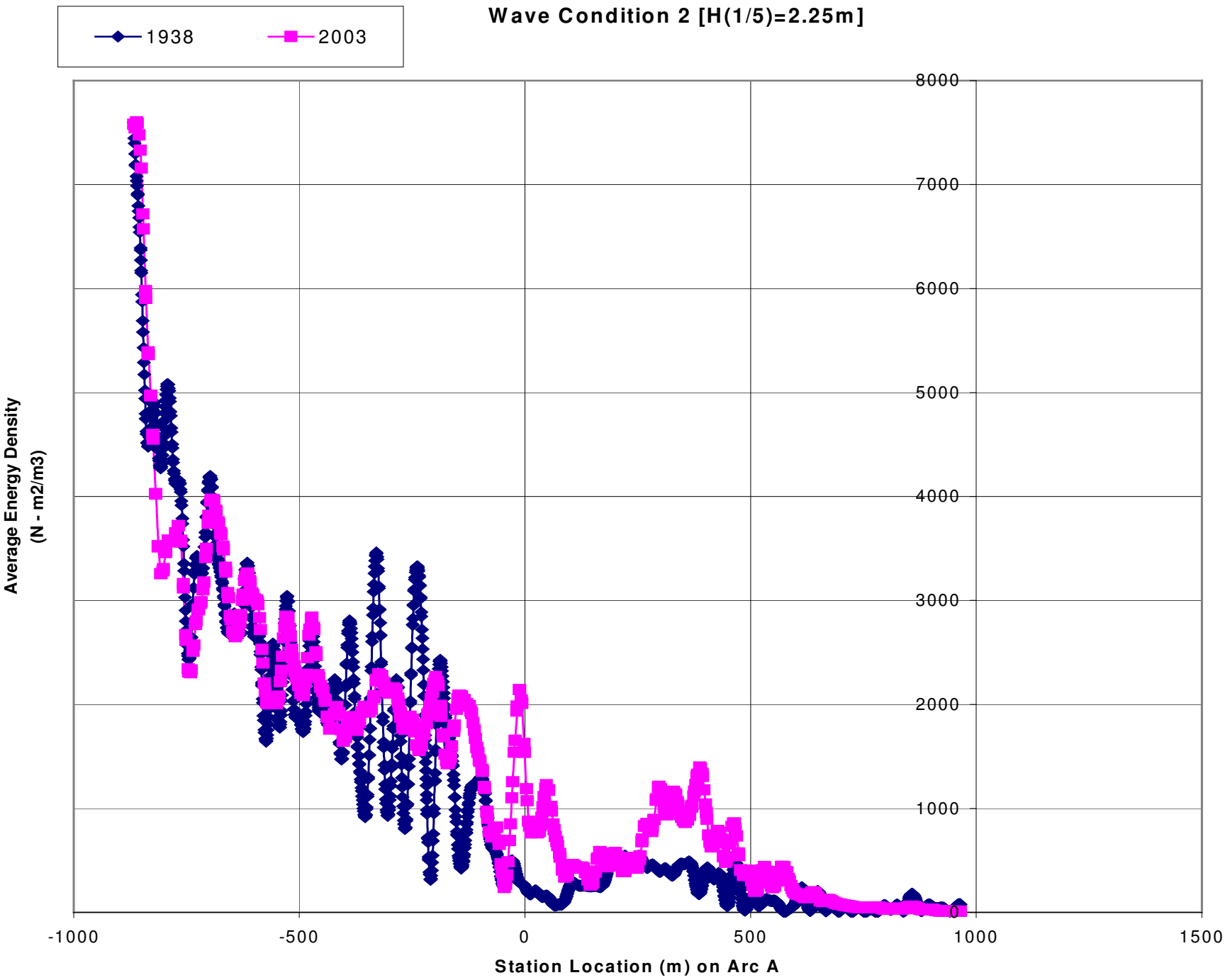
Appendix C

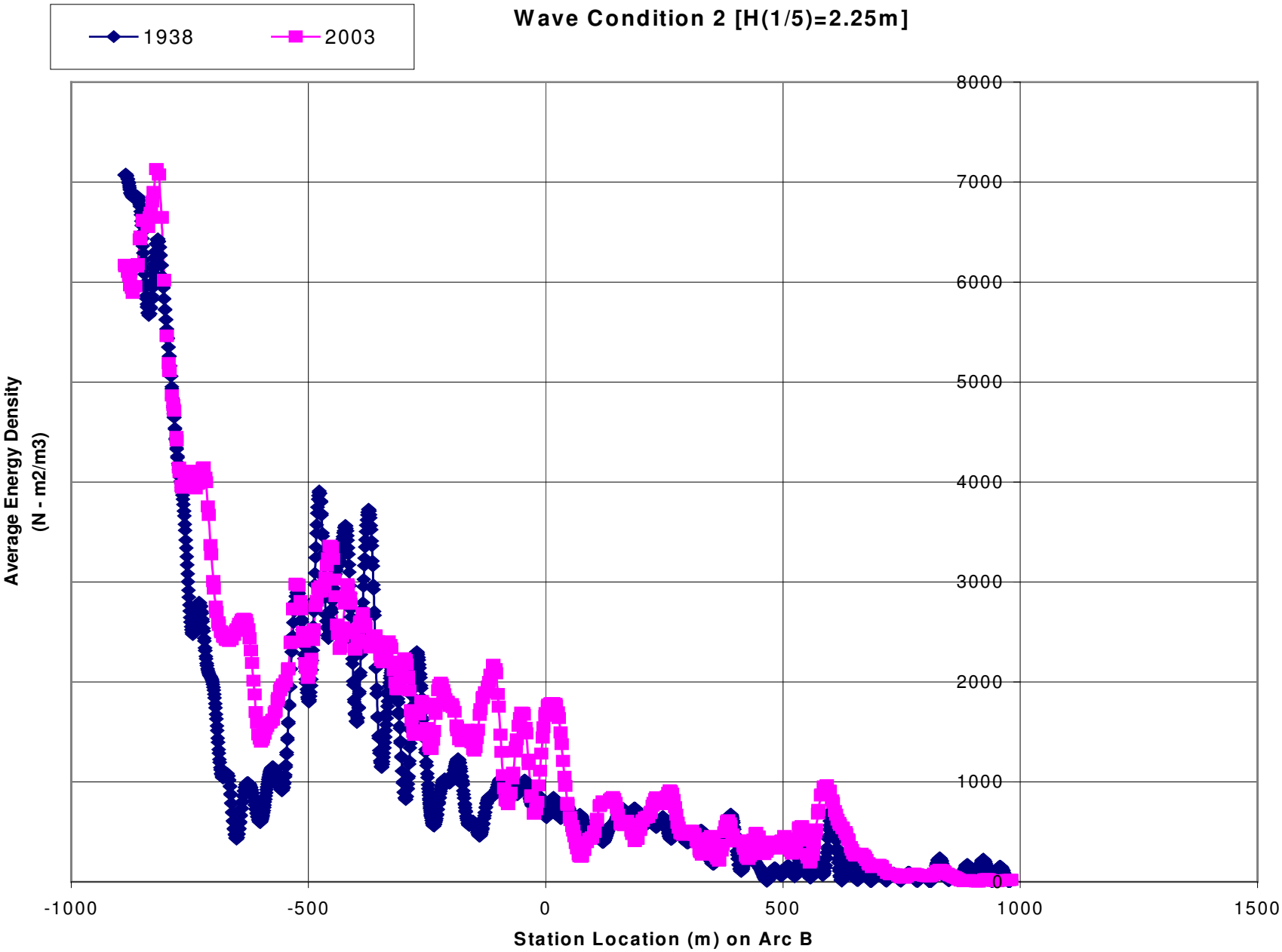
Wave Energy
Arcs A, B, C

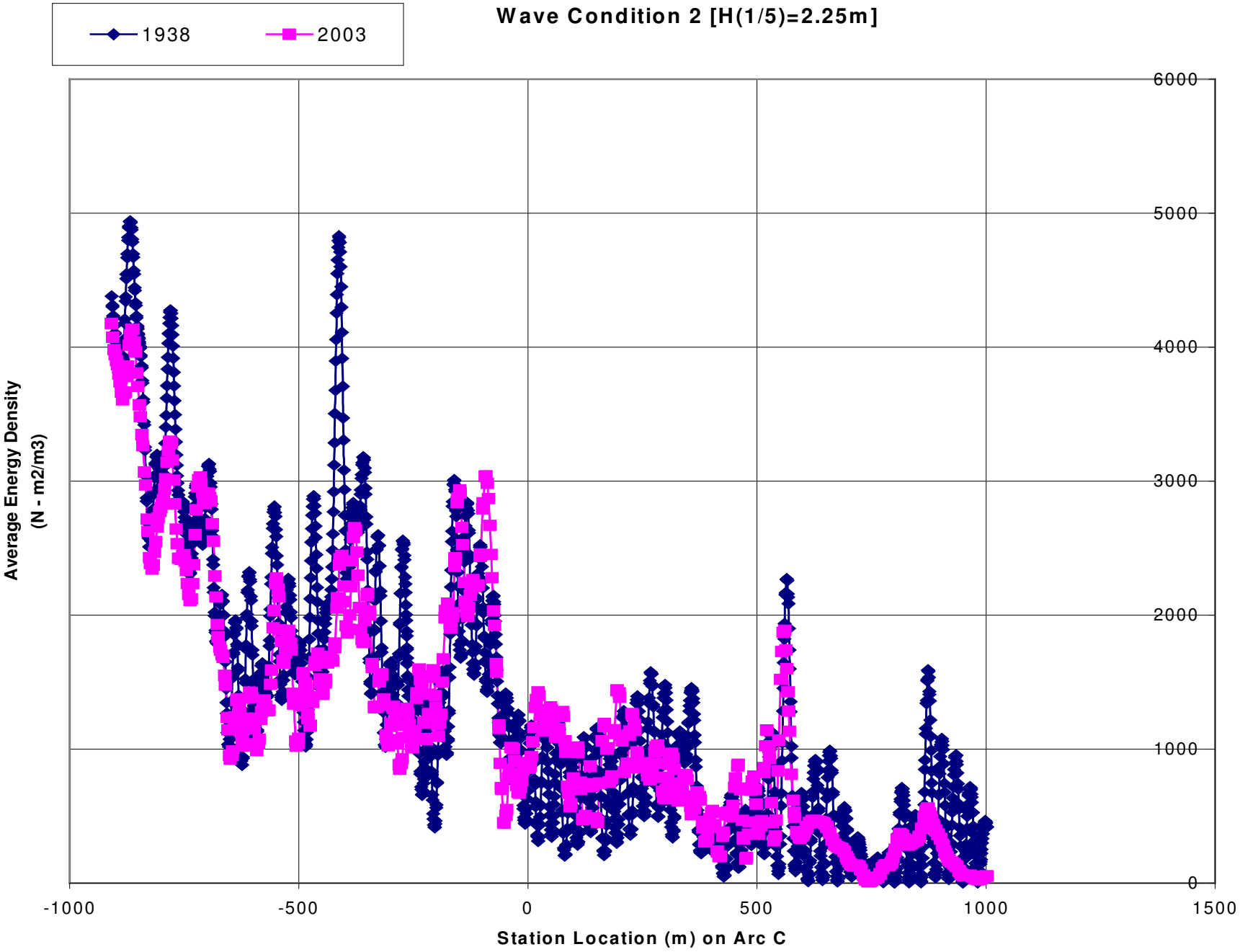

1938
2003
Wave Condition 1 [H(1/3)=1.97m]
Average Energy Density
(N - m2/m3)
7000
6000
5000
4000
3000
2000
1000
0
-1000
-500
0
500
1000
1500
Station Location (m) on Arc A

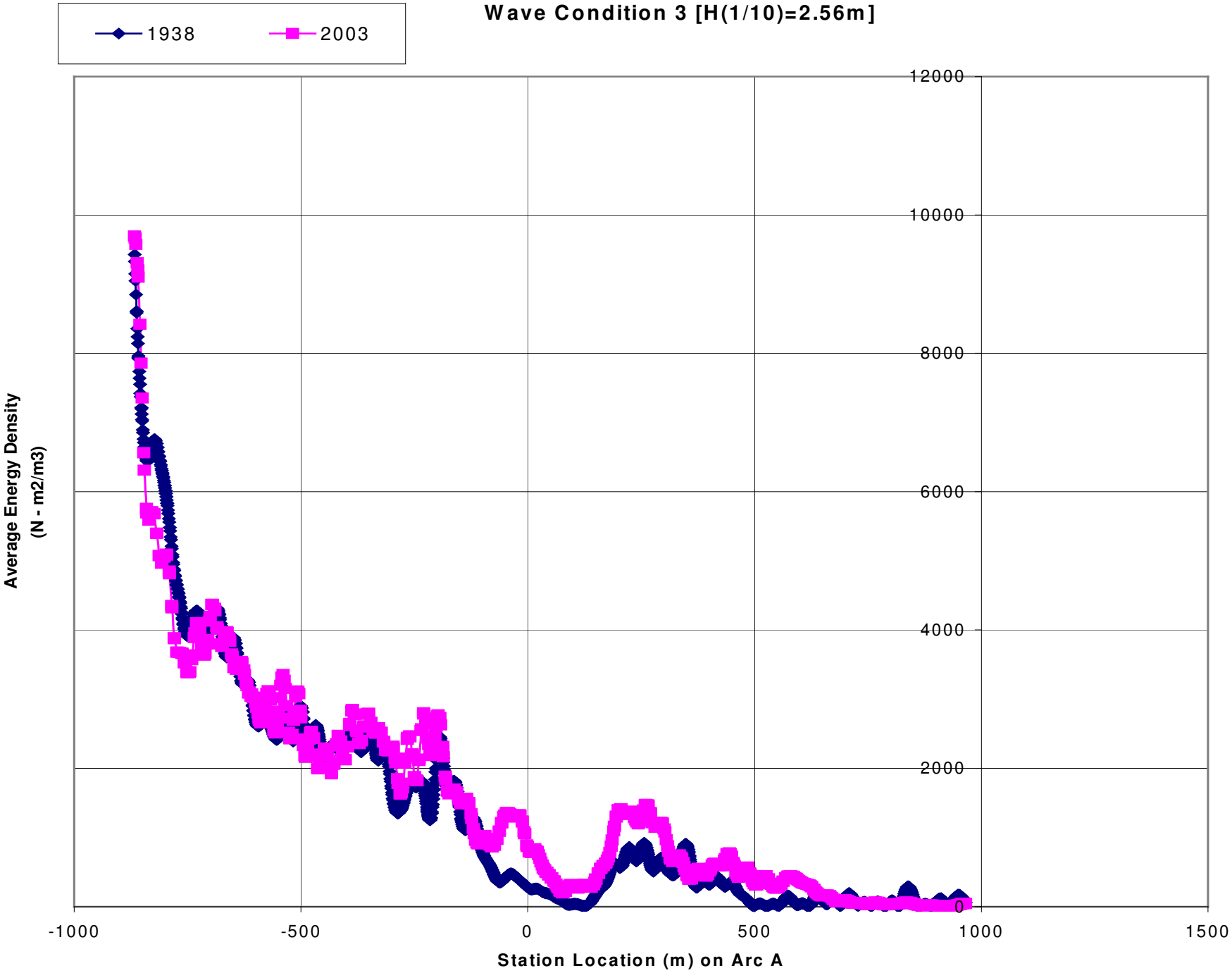

1938
2003
Wave Condition 1 [H(1/3)=1.97m]
Average Energy Density
(N - m2/m3)
6000
5000
4000
3000
2000
1000
0
-1000
-500
0
500
1000
1500
Station Location (m) on Arc B

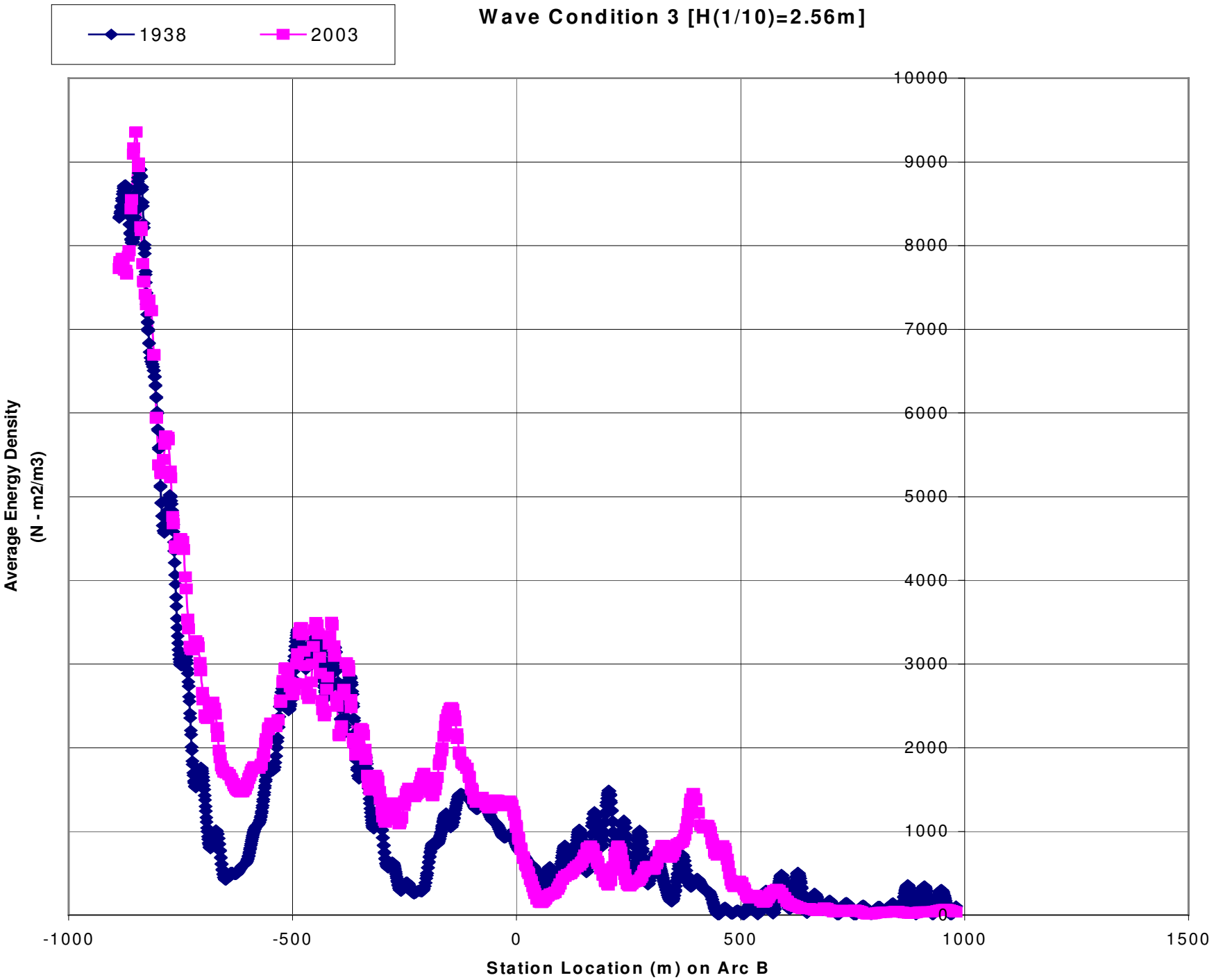

1938
2003
Wave Condition 1 [H(1/3)=1.97m]
Average Energy Density
(N - m2/m3)
4000
3500
3000
2500
2000
1500
1000
500
0
-1000
-500
0
500
1000
1500
Station Location (m) on Arc C

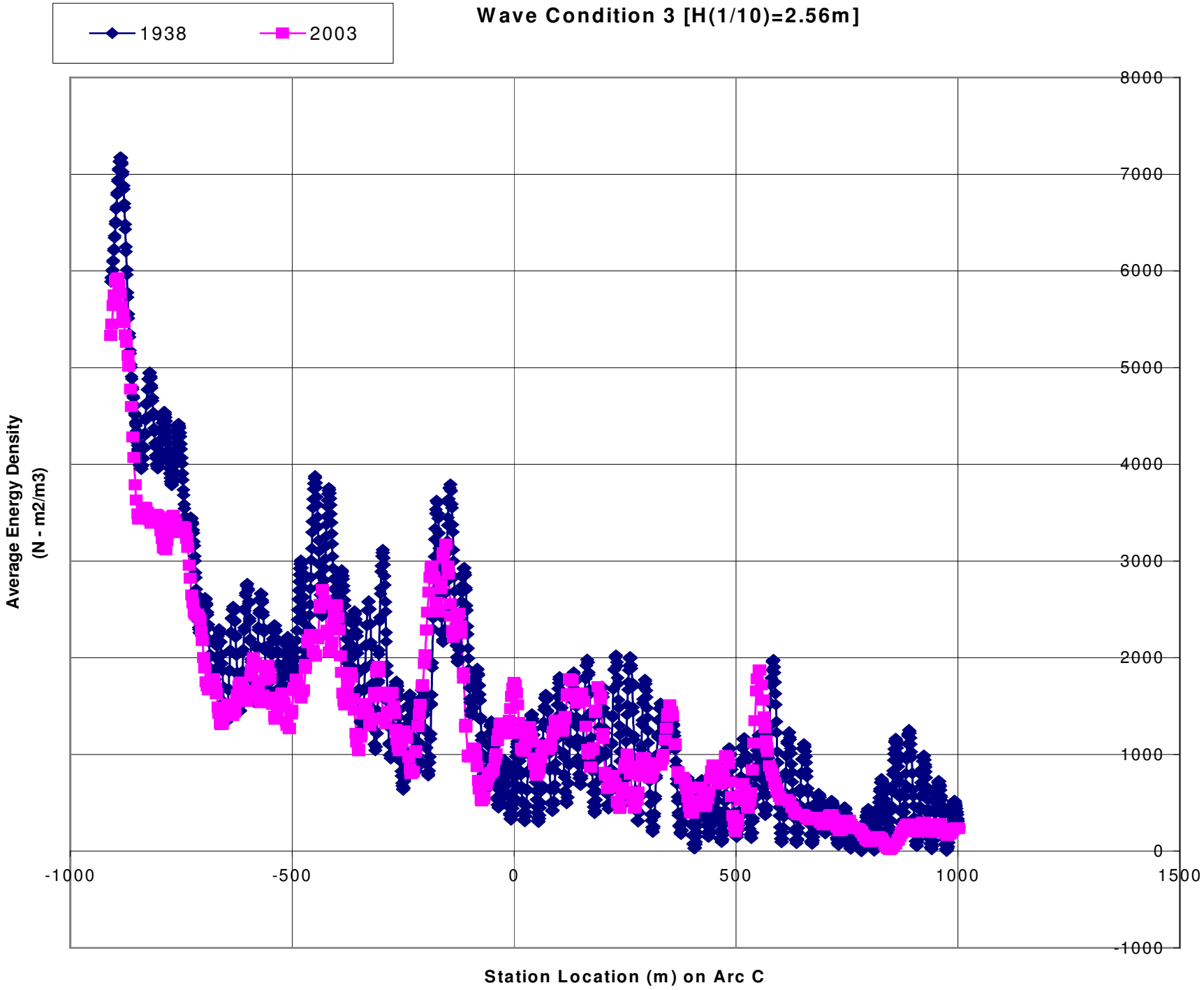

Wave Condition 2 [H(1/5)=2.25m]
1938
2003
Average Energy Density
(N - m2/m3)
8000
7000
6000
5000
4000
3000
2000
1000
0
-1000
-500
0
500
1000
1500
Station Location (m) on Arc A

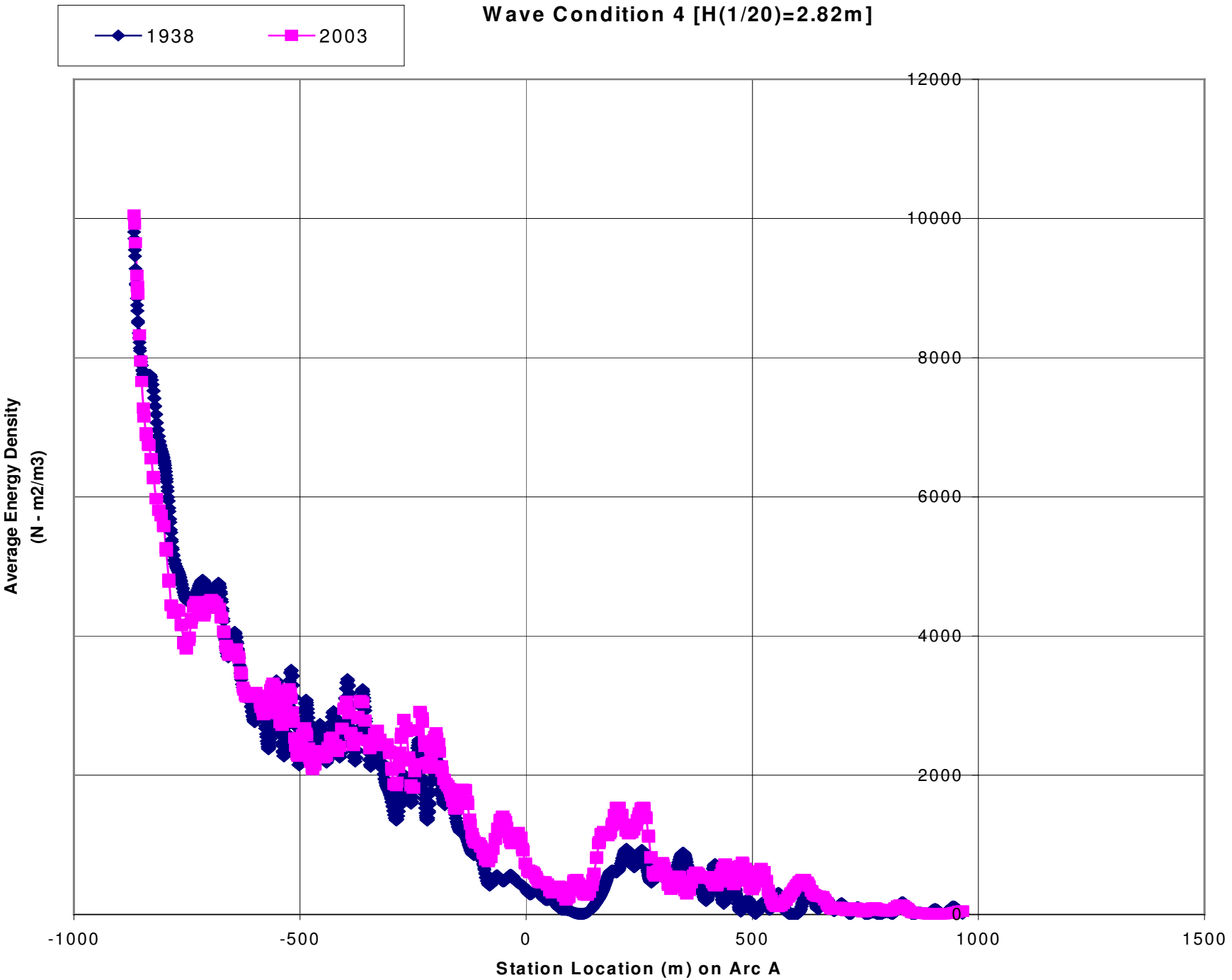

1938
2003
Wave Condition 2 [H(1/5)=2.25m]
Average Energy Density
(N - m2/m3)
8000
7000
6000
5000
4000
3000
2000
1000
0
-1000
-500
0
500
1000
1500
Station Location (m) on Arc B

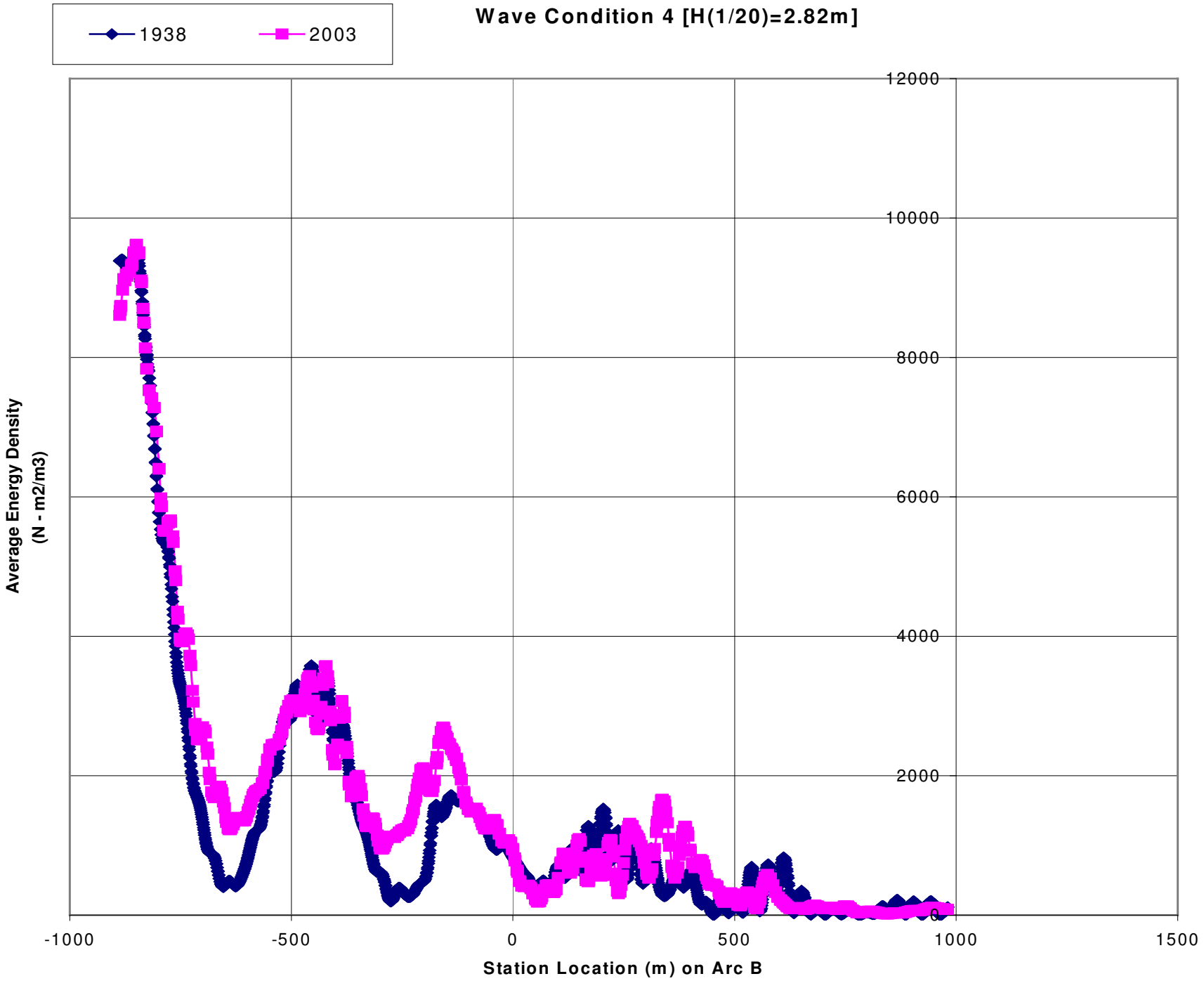

1938
2003
Wave Condition 2 [H(1/5)=2.25m]
Average Energy Density
(N - m2/m3)
6000
5000
4000
3000
2000
1000
0
-1000
-500
0
500
1000
1500
Station Location (m) on Arc C

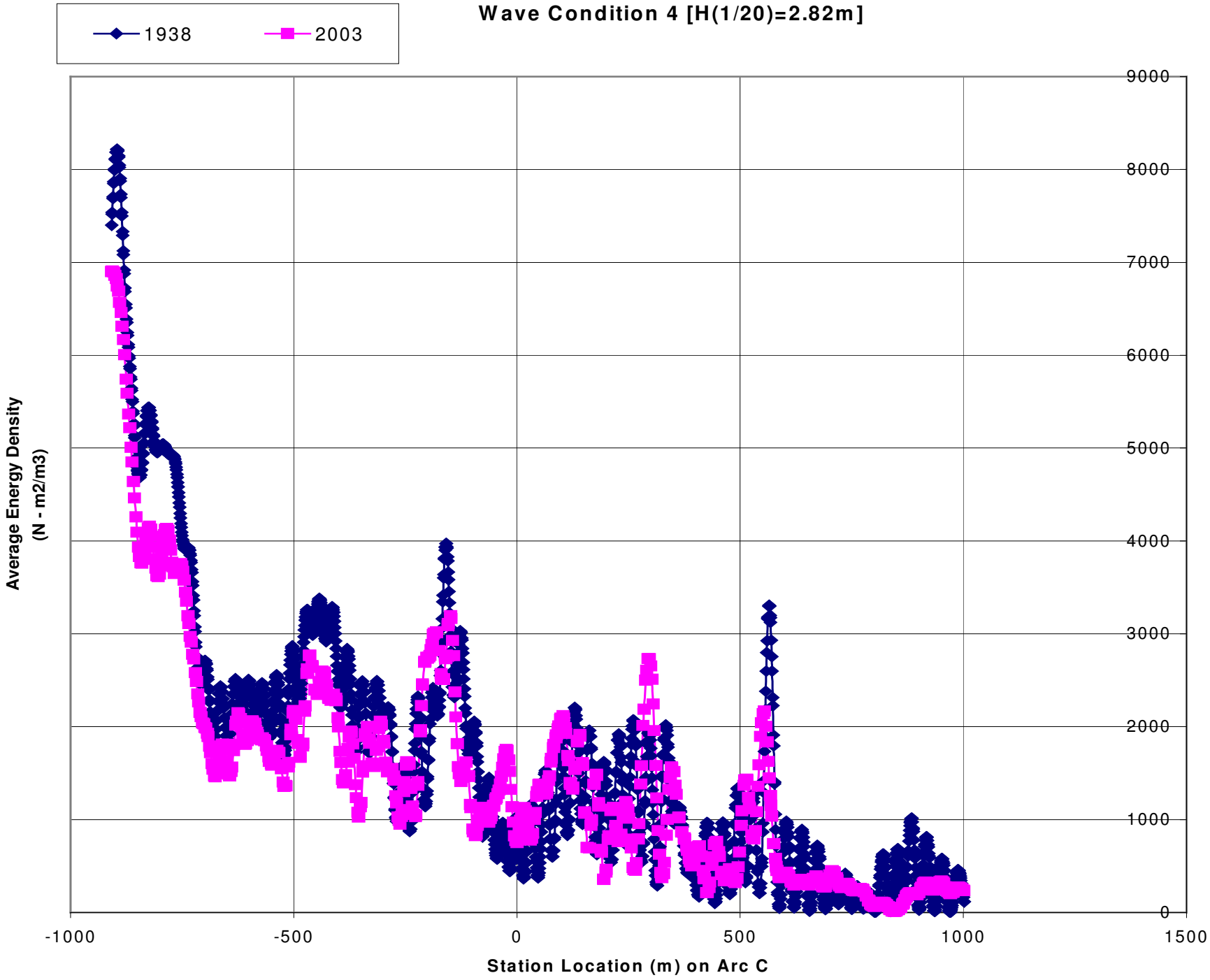

Wave Condition 3 [H(1/10)=2.56m]
1938
2003
Average Energy Density
(N - m2/m3)
12000
10000
8000
6000
4000
2000
0
-1000
-500
0
500
1000
1500
Station Location (m) on Arc A

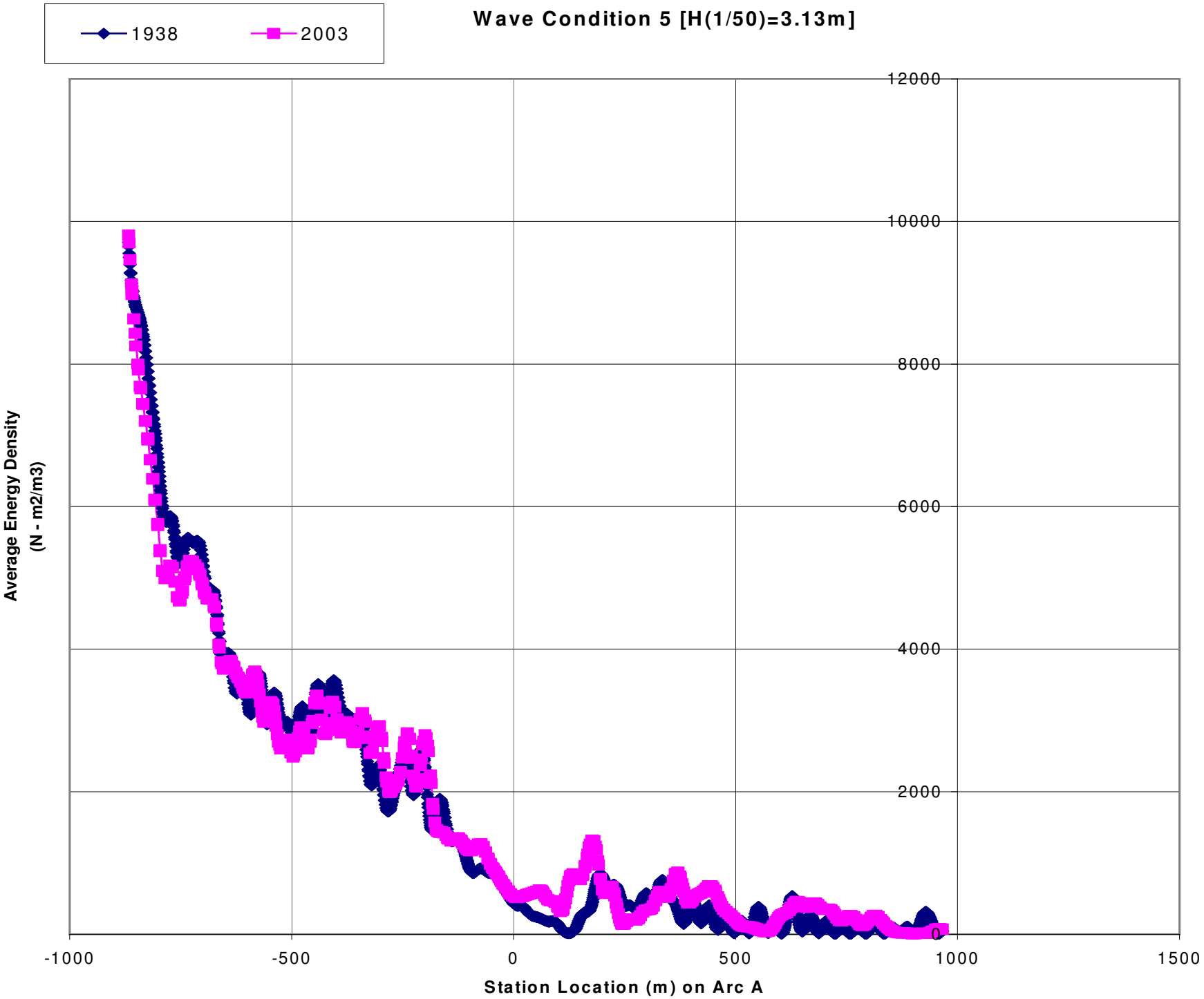

1938
2003
Wave Condition 3 [H(1/10)=2.56m]
Average Energy Density
(N - m2/m3)
10000
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
-1000
-500
0
500
1000
1500
Station Location (m) on Arc B

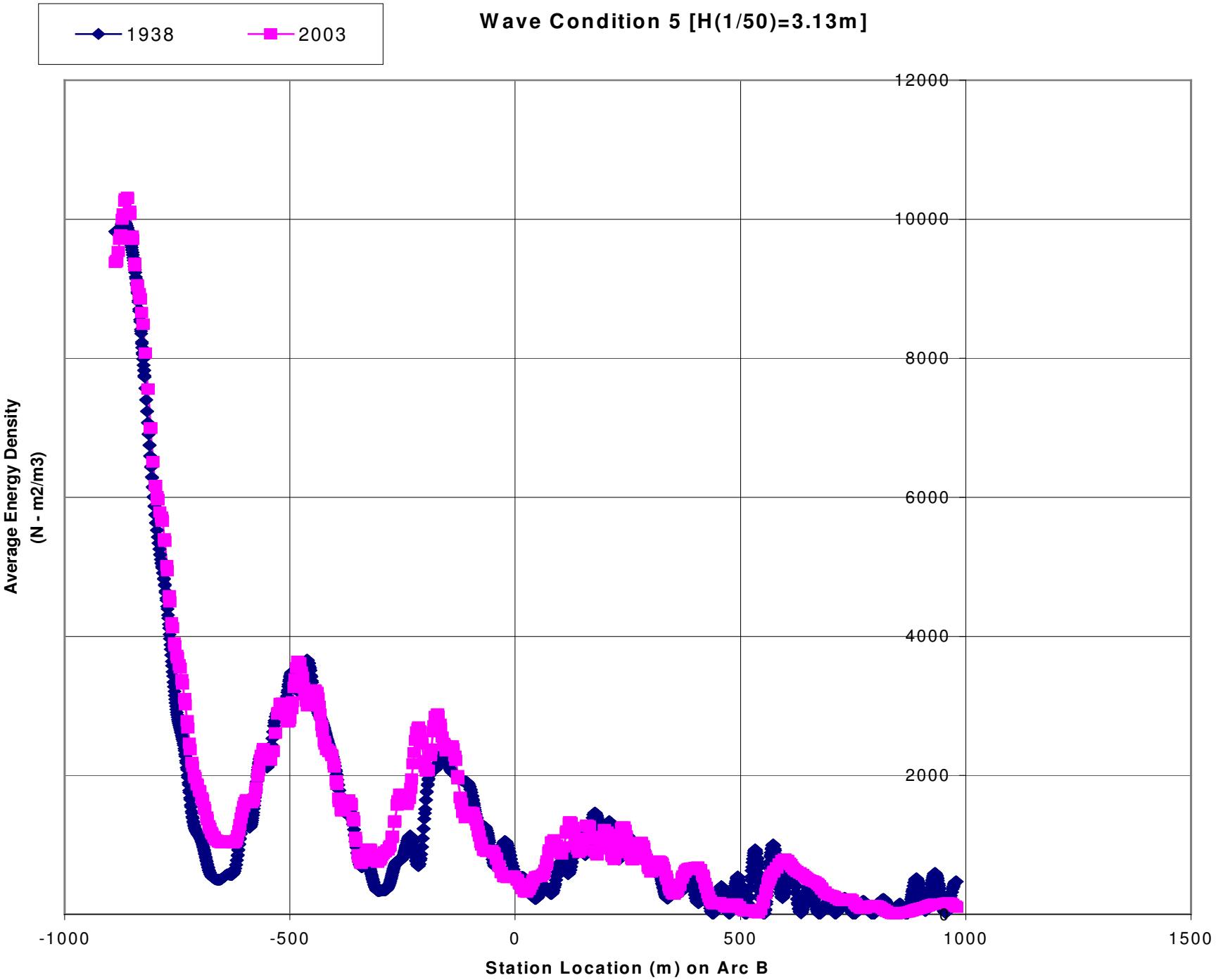

1938
2003
Wave Condition 3 [H(1/10)=2.56m]
Average Energy Density
(N - m2/m3)
8000
7000
6000
5000
4000
3000
2000
1000
0
-1000
-1000
-500
0
500
1000
1500
Station Location (m) on Arc C

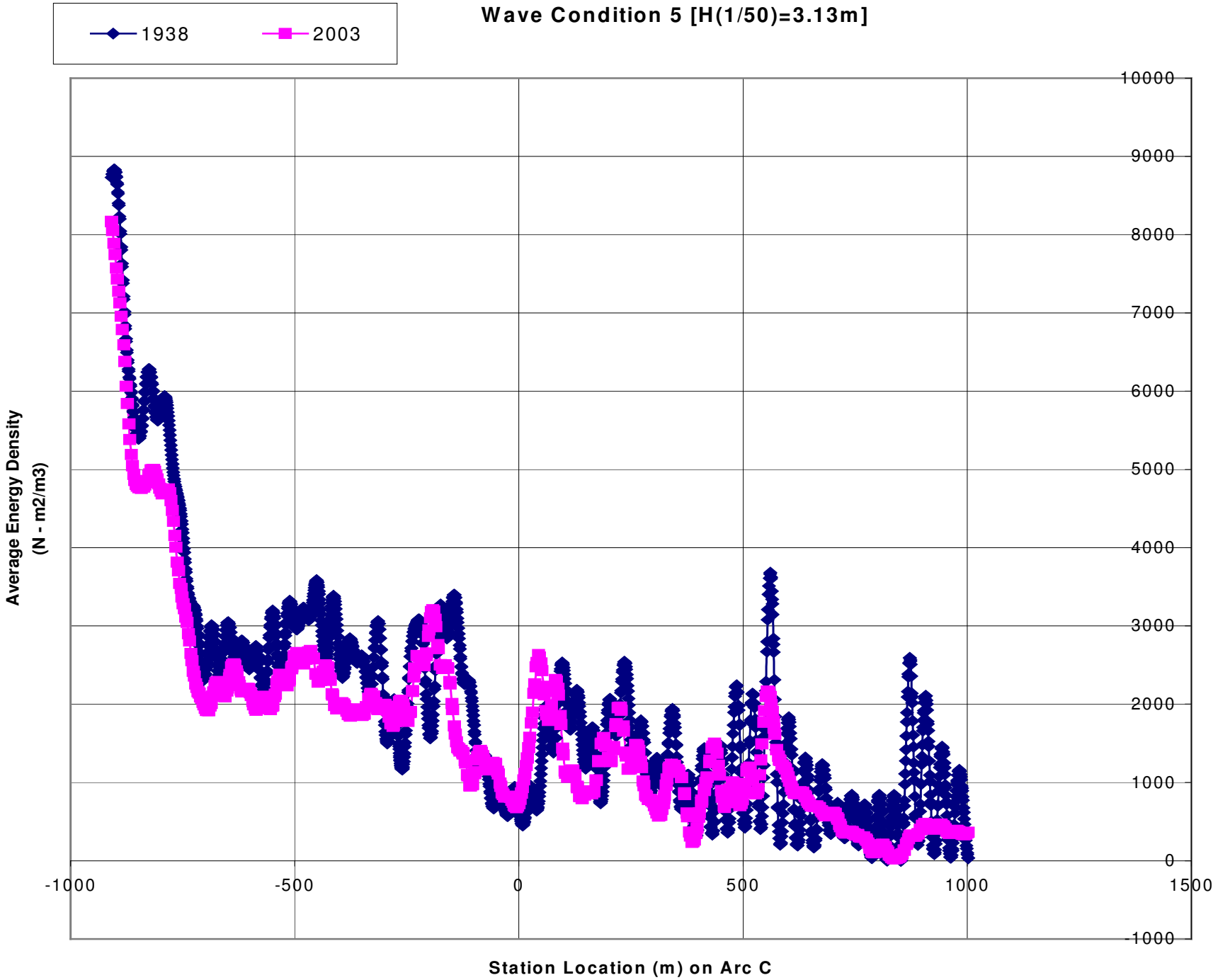

Wave Condition 4 [H(1/20)=2.82m]
1938
2003
Average Energy Density
(N - m2/m3)
12000
10000
8000
6000
4000
2000
0
-1000
-500
0
500
1000
1500
Station Location (m) on Arc A


1938
2003
Wave Condition 4 [H(1/20)=2.82m]
12000
10000
8000
6000
4000
2000
0
-1000
-500
0
500
1000
1500
Average Energy Density
(N - m2/m3)
Station Location (m) on Arc B


Wave Condition 4 [H(1/20)=2.82m]
1938
2003
Average Energy Density
(N - m2/m3)
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
-1000
-500
0
500
1000
1500
Station Location (m) on Arc C


1938
2003
Wave Condition 5 [H(1/50)=3.13m]
Average Energy Density
(N - m2/m3)
12000
10000
8000
6000
4000
2000
0
-1000
-500
0
500
1000
1500
Station Location (m) on Arc A


1938
2003
Wave Condition 5 [H(1/50)=3.13m]
12000
10000
8000
6000
4000
2000
Average Energy Density
(N - m2/m3)
-1000
-500
0
500
1000
1500
Station Location (m) on Arc B


1938
2003
Wave Condition 5 [H(1/50)=3.13m]
Average Energy Density
(N - m2/m3)
10000
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
-1000
-1000
-500
0
500
1000
1500
Station Location (m) on Arc C