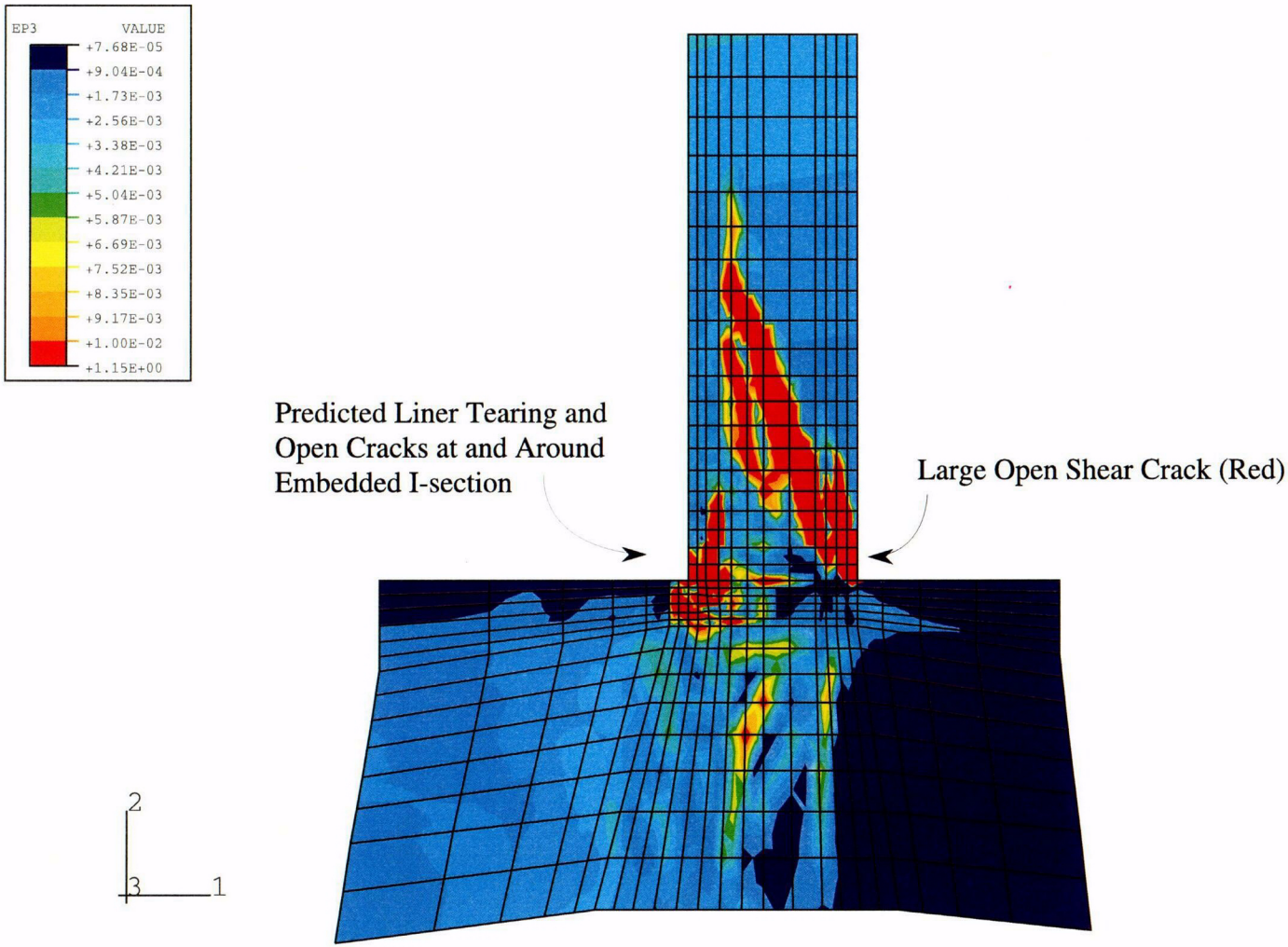


Figure 4-23. Maximum Principle Strain Contours in Wall-Base Region at 4.0 × Pd Showing Open Cracks and Predicted Liner Tearing from 1999 Pretest Analysis

C31

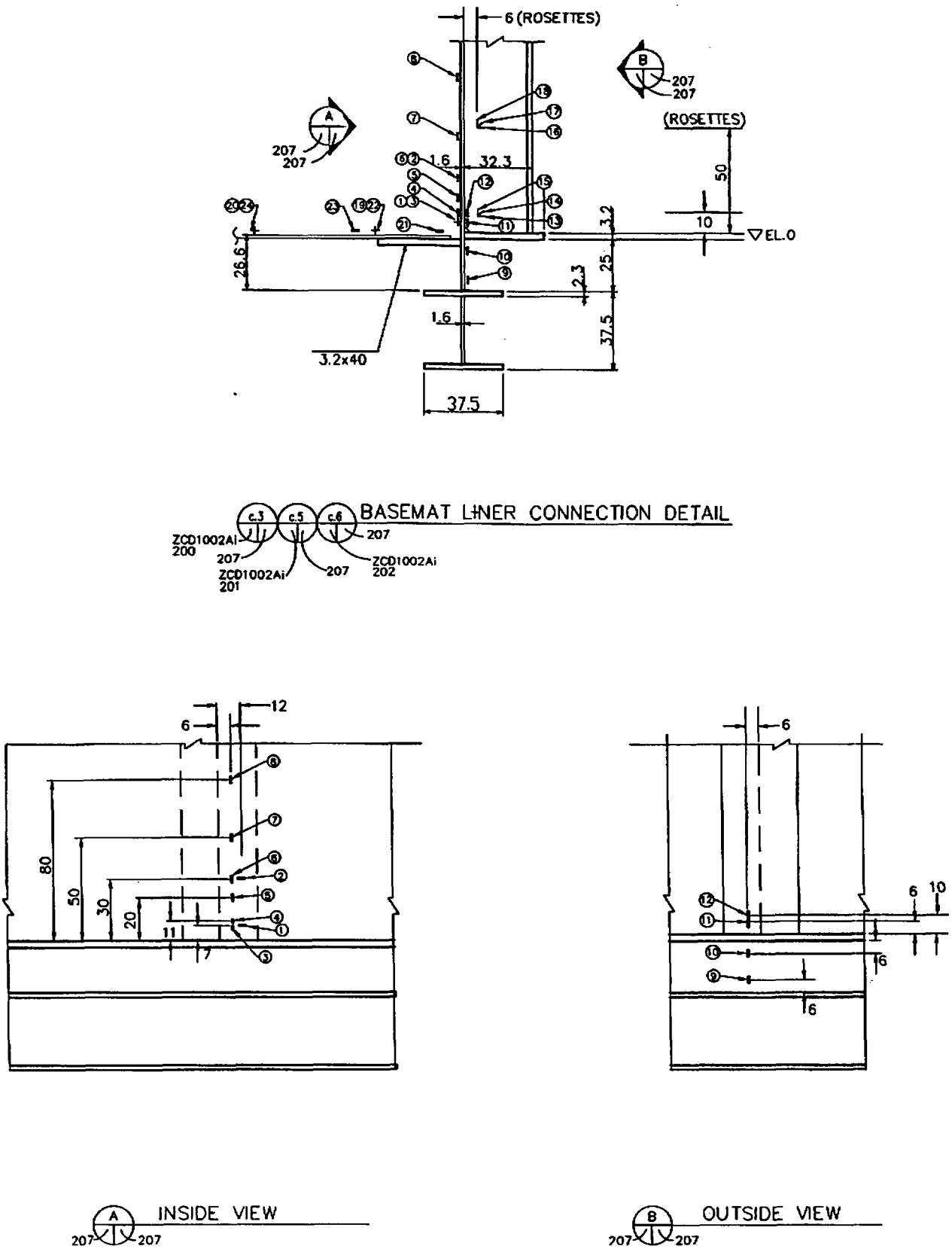


Figure 4-24. Basemat Liner Connection, Liner Instrumentation Details
(From Sheet D-SN-P-207, NUPEC/NRC Structural Behavior Test Model - As Built)

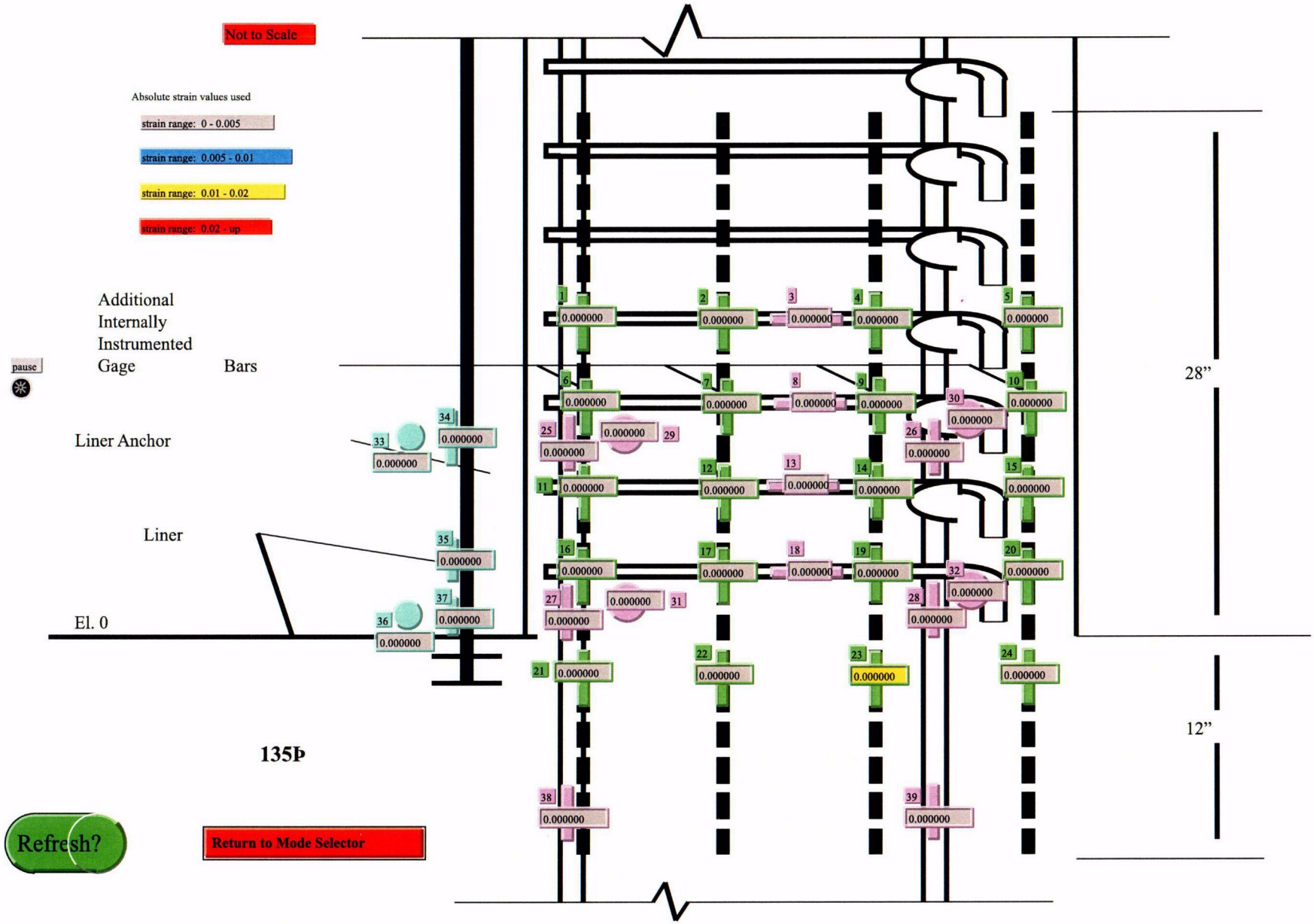
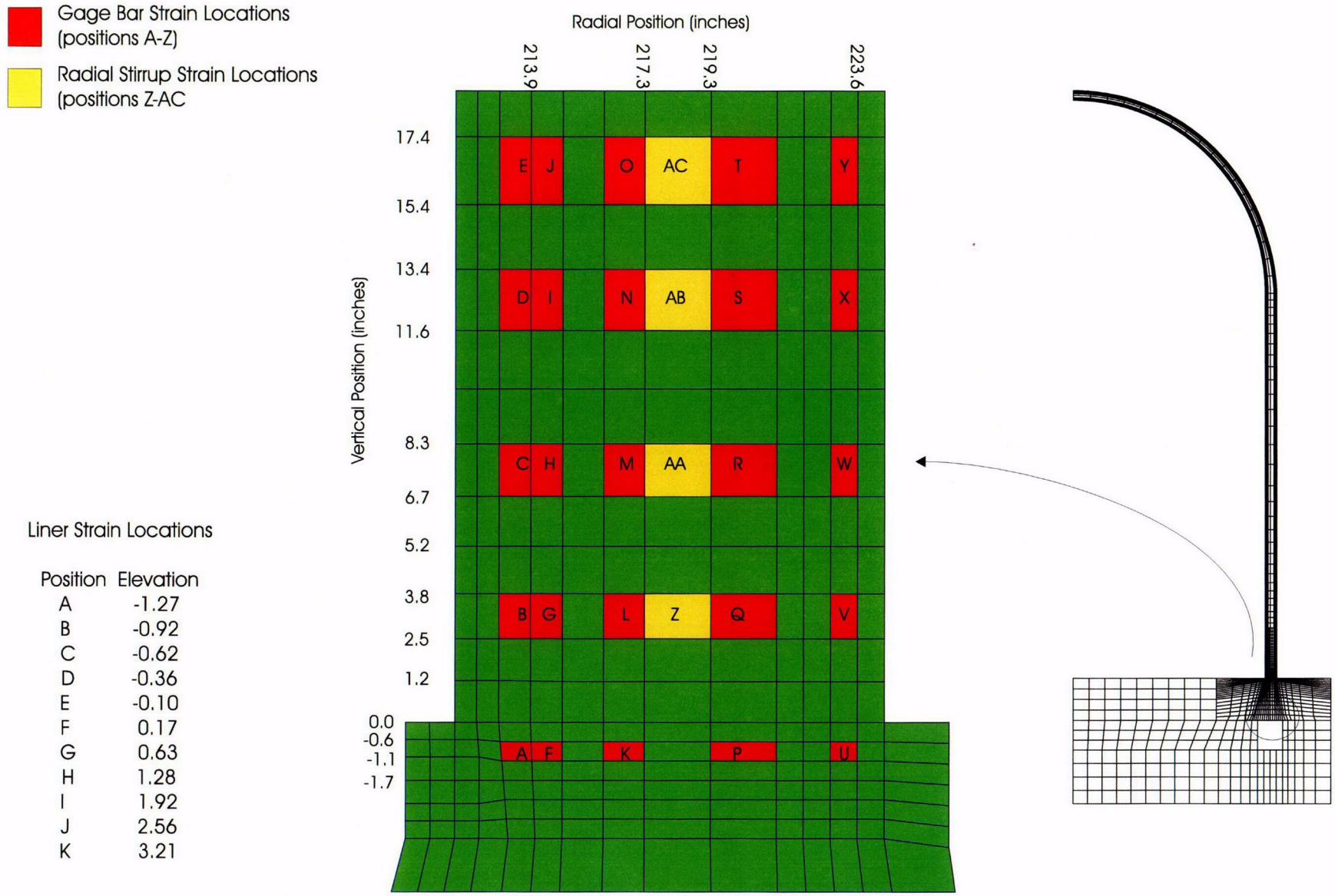


Figure 4-25. Basemat Junction, Gage Bar and Stirrup Strain Gage Locations

C32



Liner Strain Locations

Position	Elevation
A	-1.27
B	-0.92
C	-0.62
D	-0.36
E	-0.10
F	0.17
G	0.63
H	1.28
I	1.92
J	2.56
K	3.21

Figure 4-26. Axisymmetric Model Gage Bar, Stirrup, and Liner Strain Comparison Locations

C33

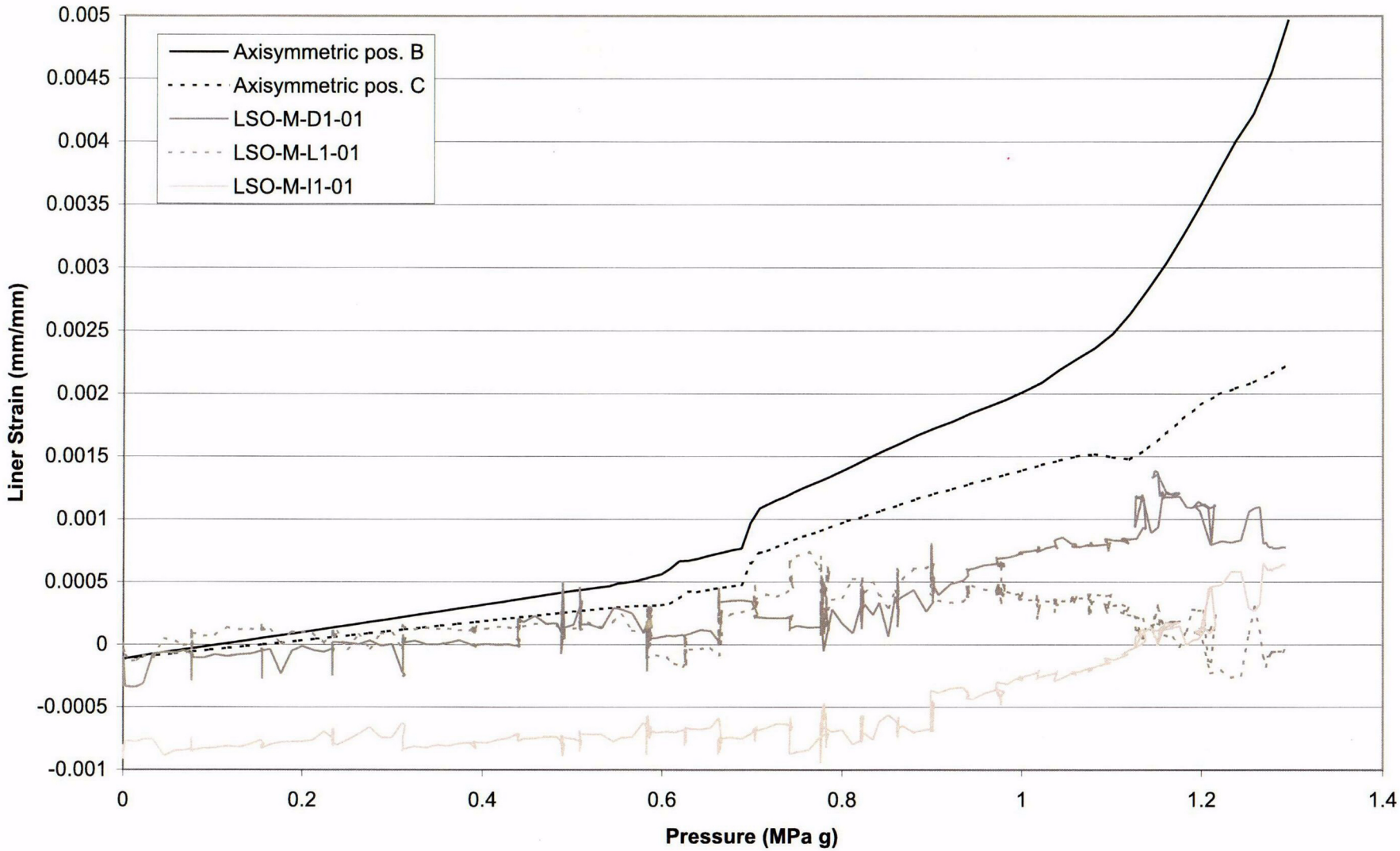


Figure 4-27. 1999 Pretest Analysis vs. LST at Wall Base Liner Position B-C

C34

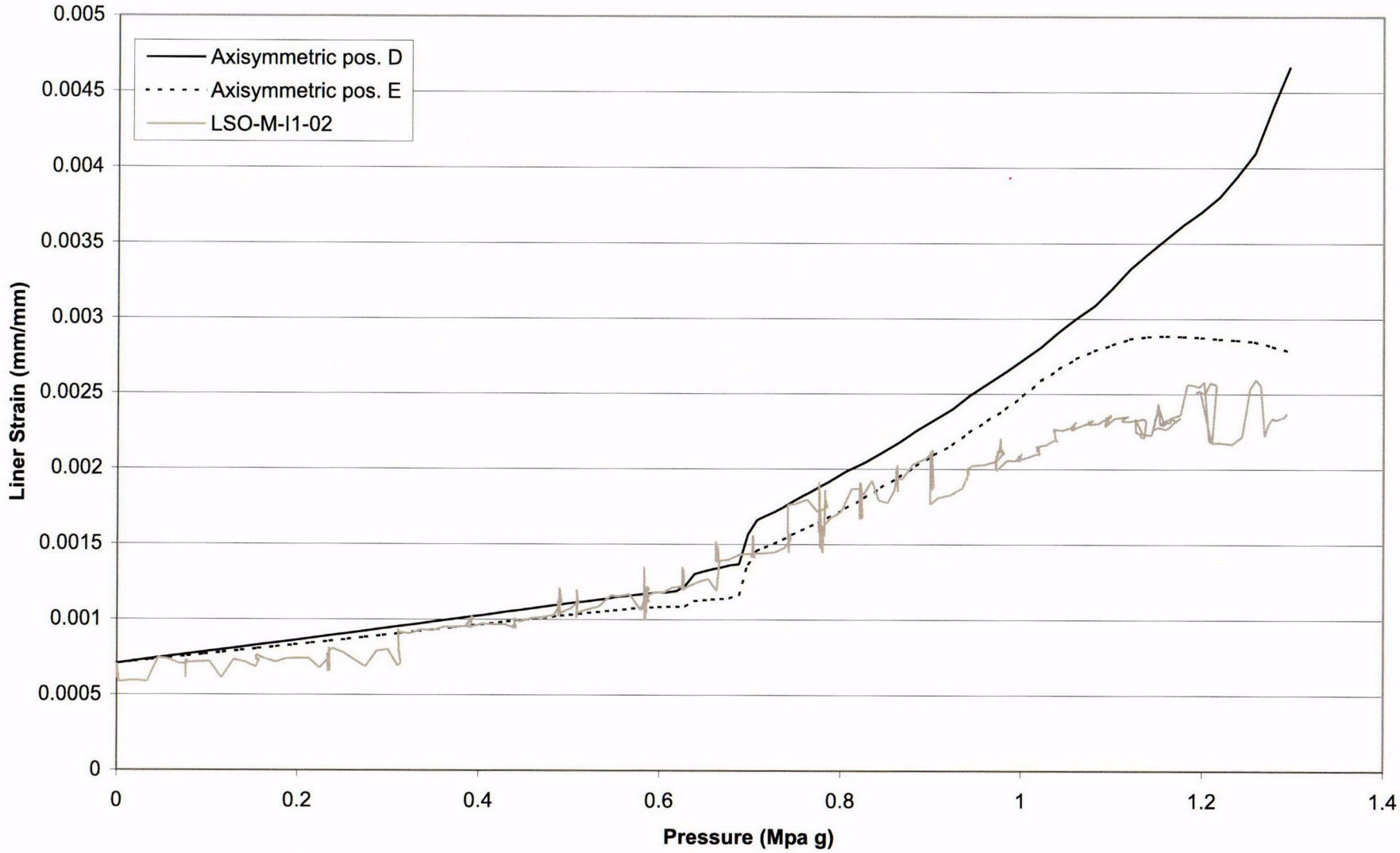


Figure 4-28. 1999 Pretest Analysis vs. LST at Wall Base Liner Position D-E

C35

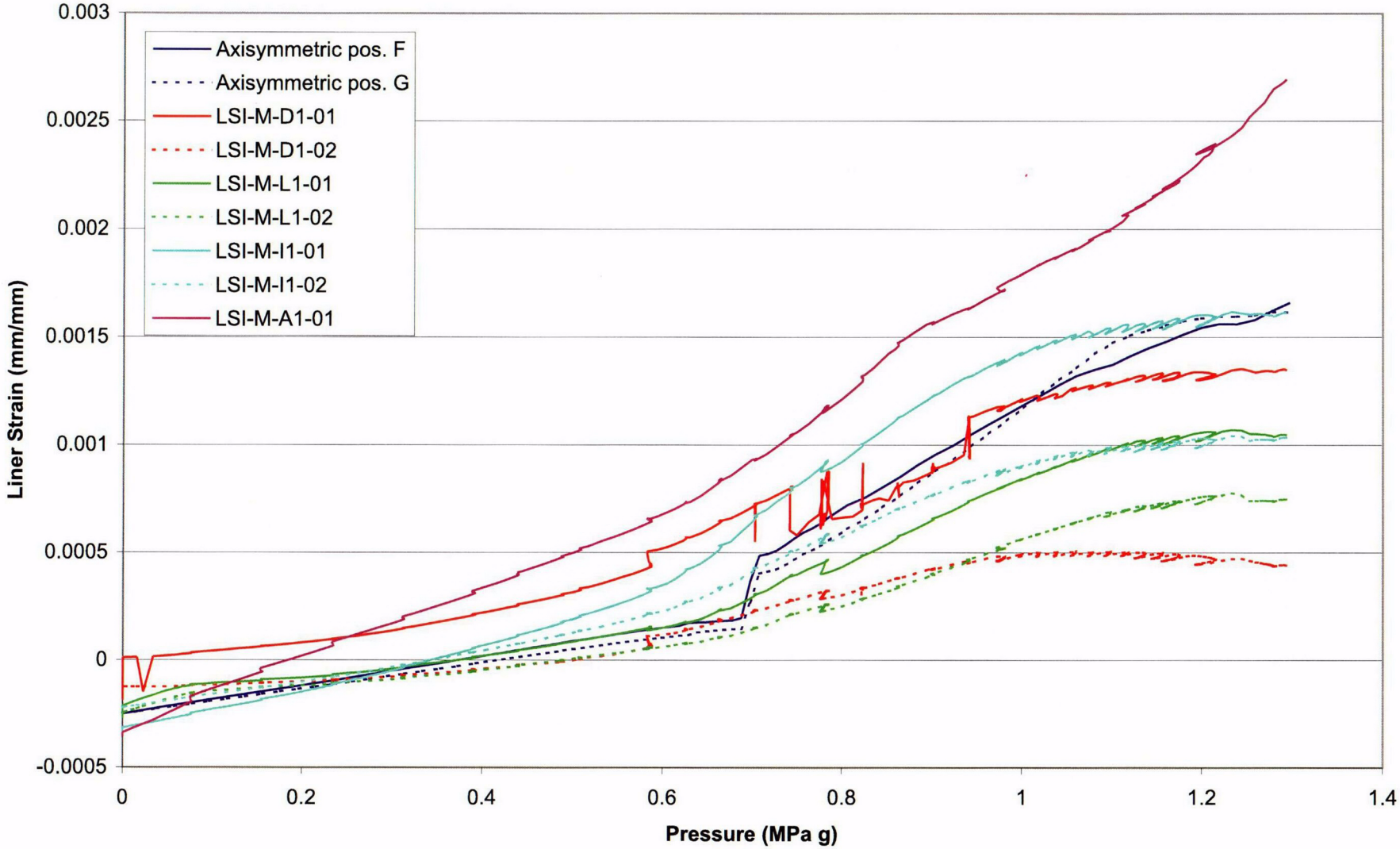


Figure 4-29. 1999 Pretest Analysis vs. LST at Wall Base Liner Position F-G

C36

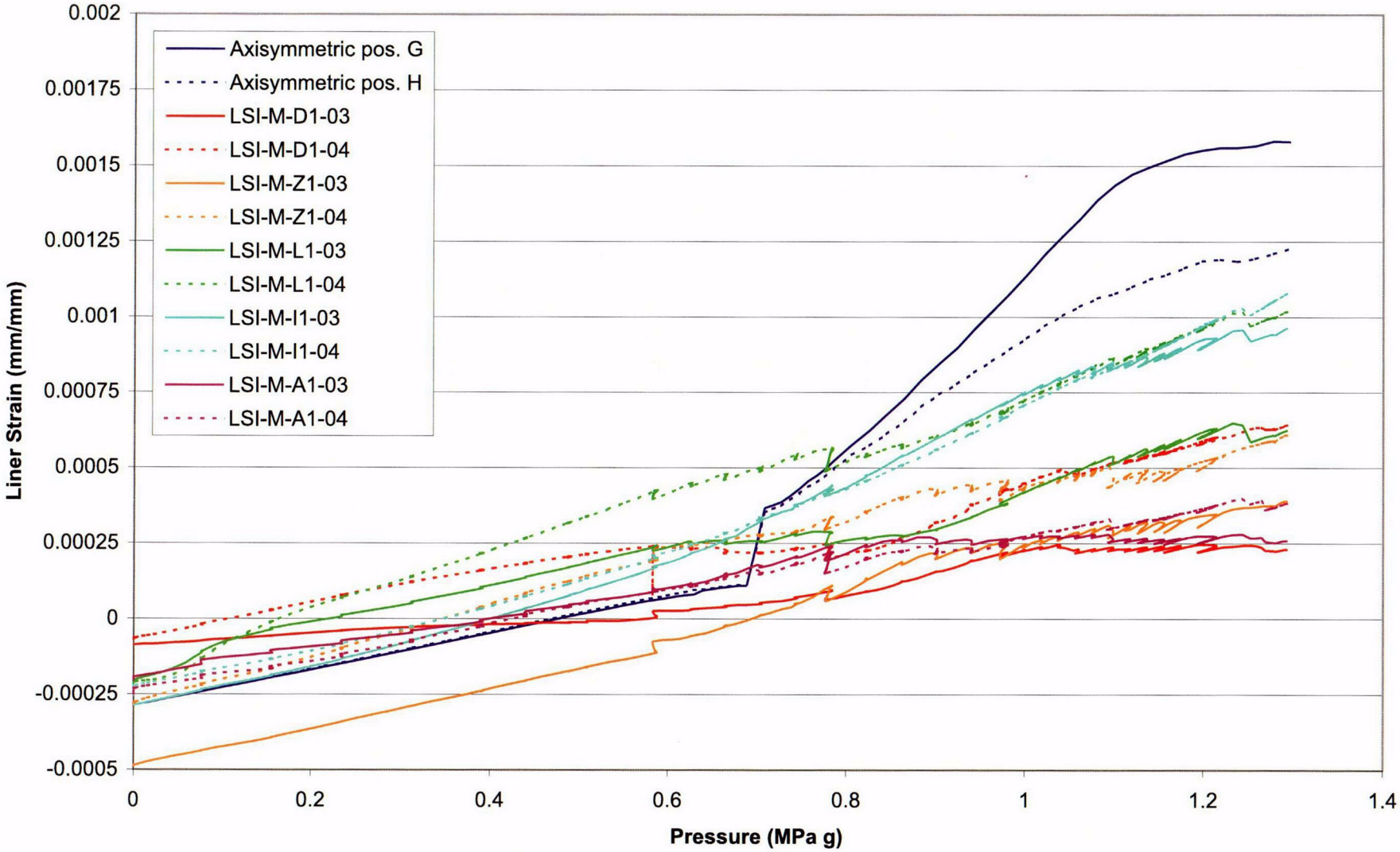


Figure 4-30. 1999 Pretest Analysis vs. LST at Wall Base Liner Position G-H

C37

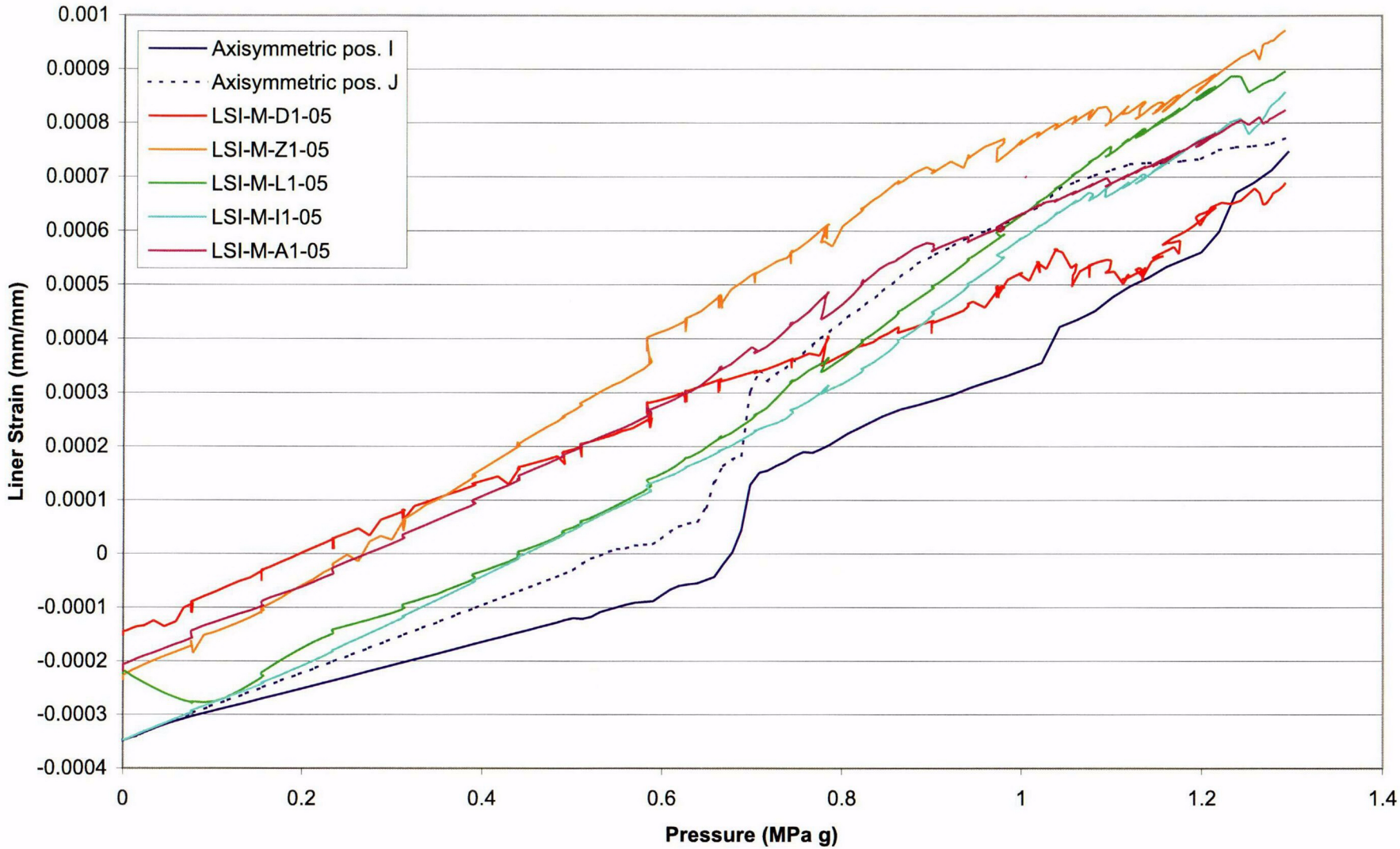


Figure 4-31. 1999 Pretest Analysis vs. LST at Wall Base Liner Position I-J

C38

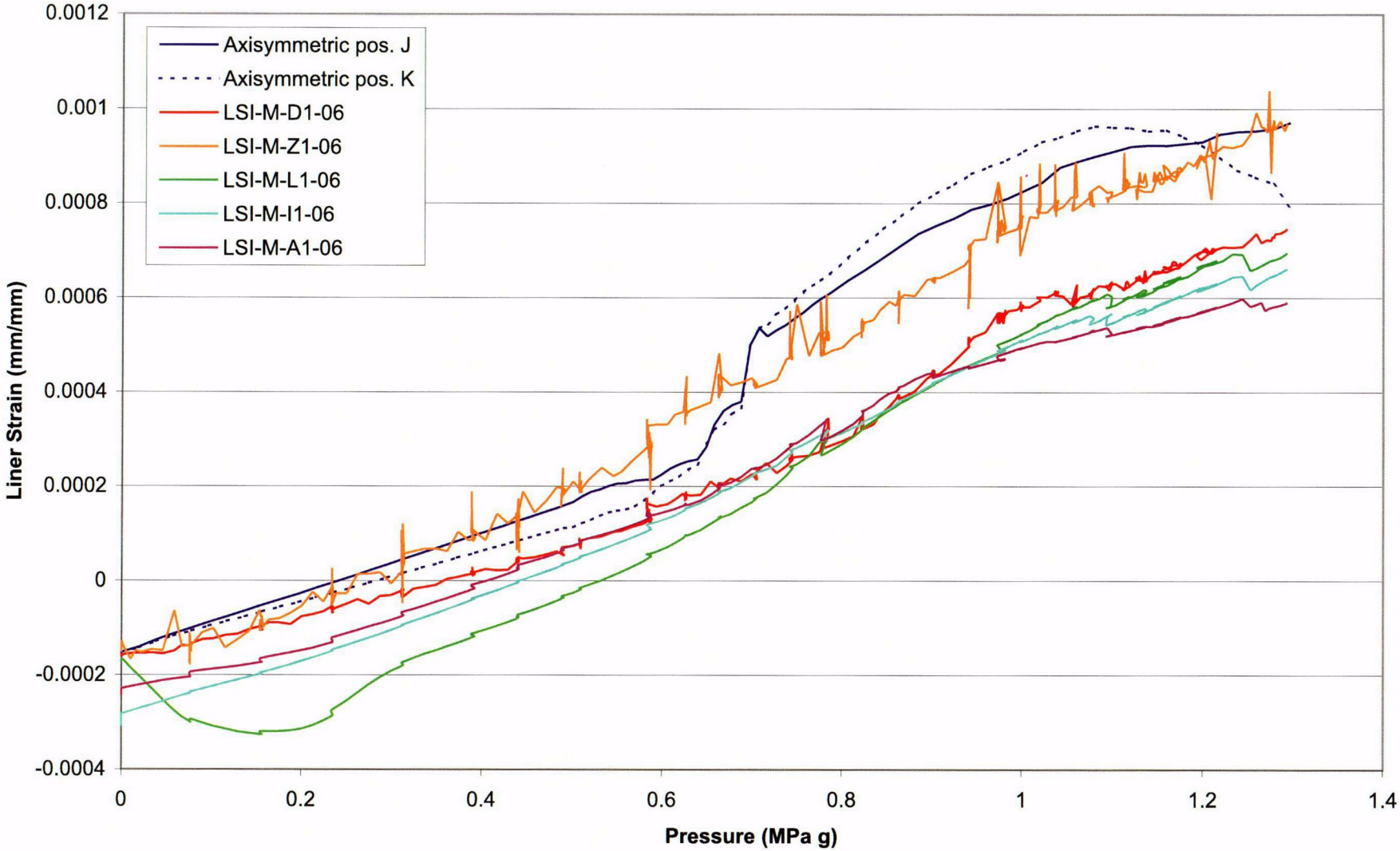


Figure 4-32. 1999 Pretest Analysis vs. LST at Wall Base Liner Position J-K

C39

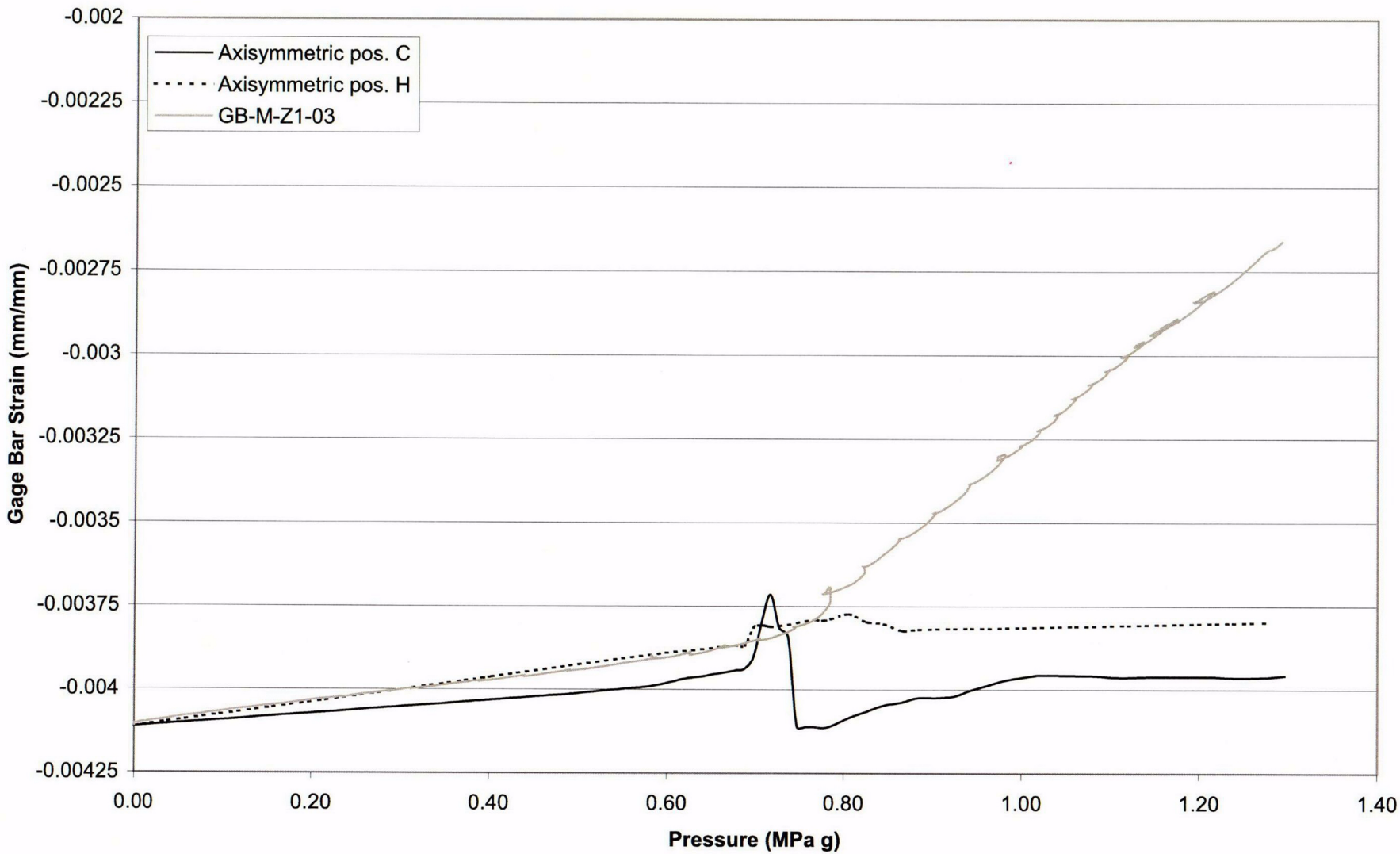


Figure 4-33. 1999 Pretest Analysis vs. LST at Wall Base Gage Bar Position C-H

C40

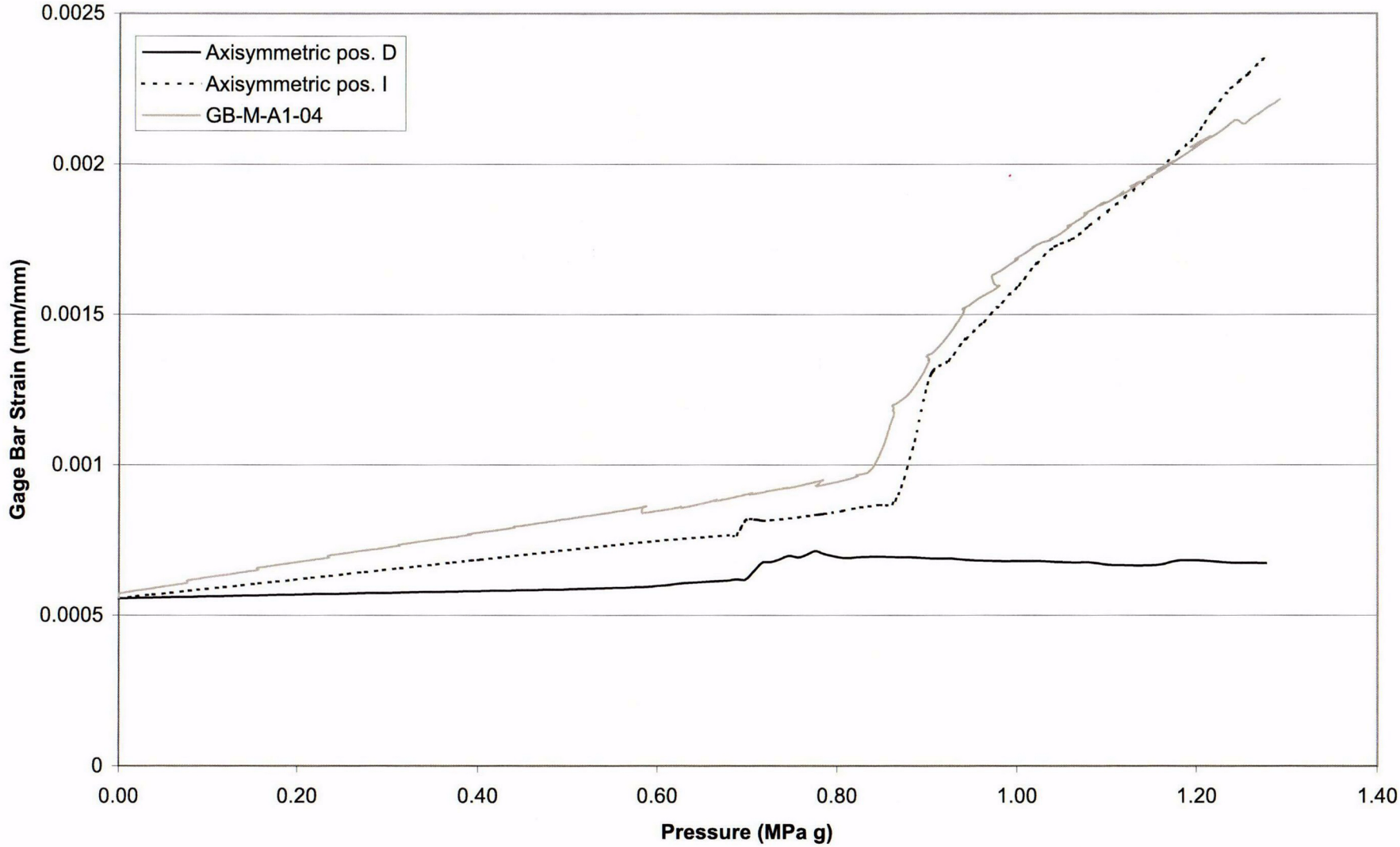


Figure 4-34. 1999 Pretest Analysis vs. LST at Wall Base Gage Bar Position D-I

C41

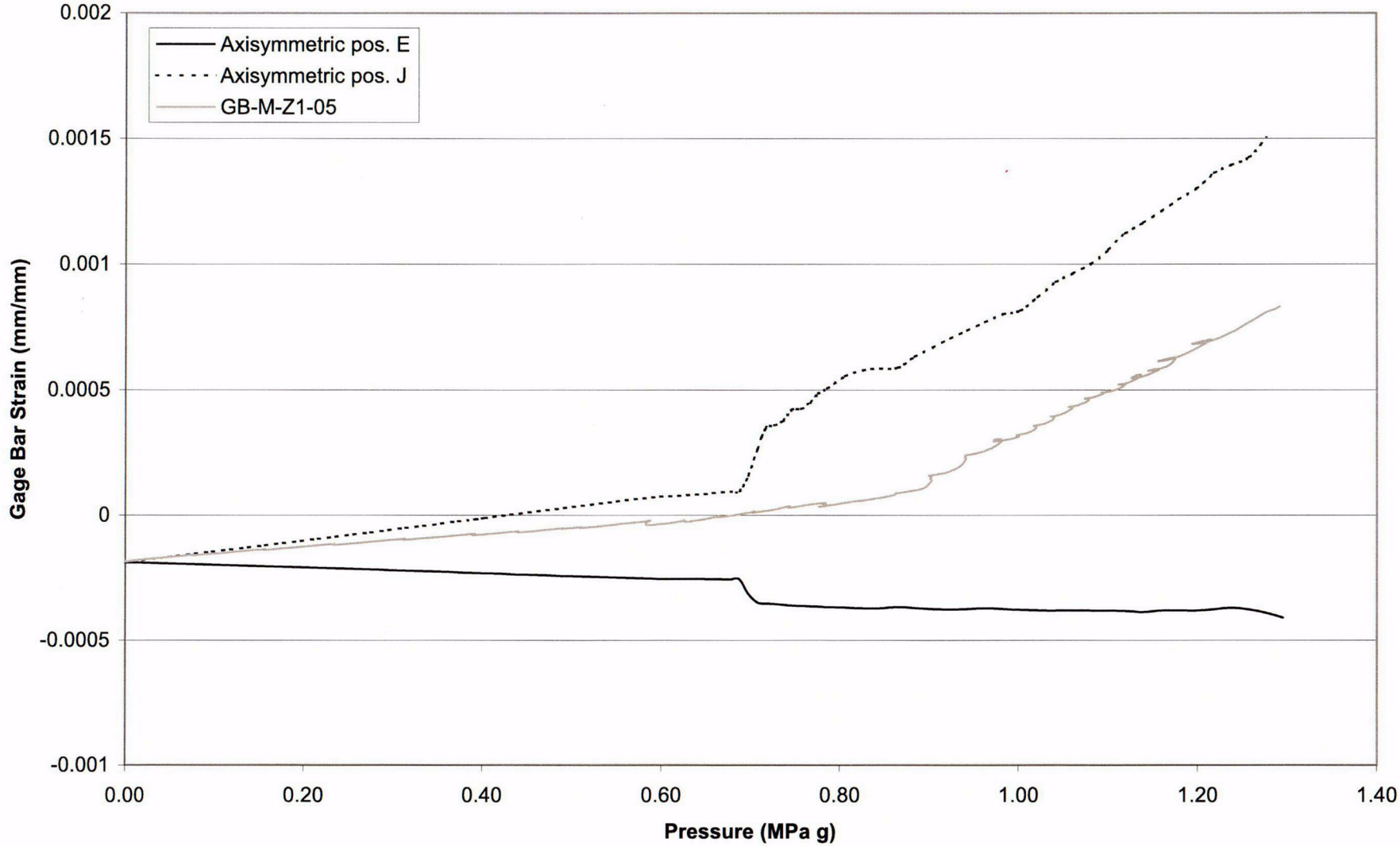


Figure 4-35. 1999 Pretest Analysis vs. LST at Wall Base Gage Bar Position E-J

C42

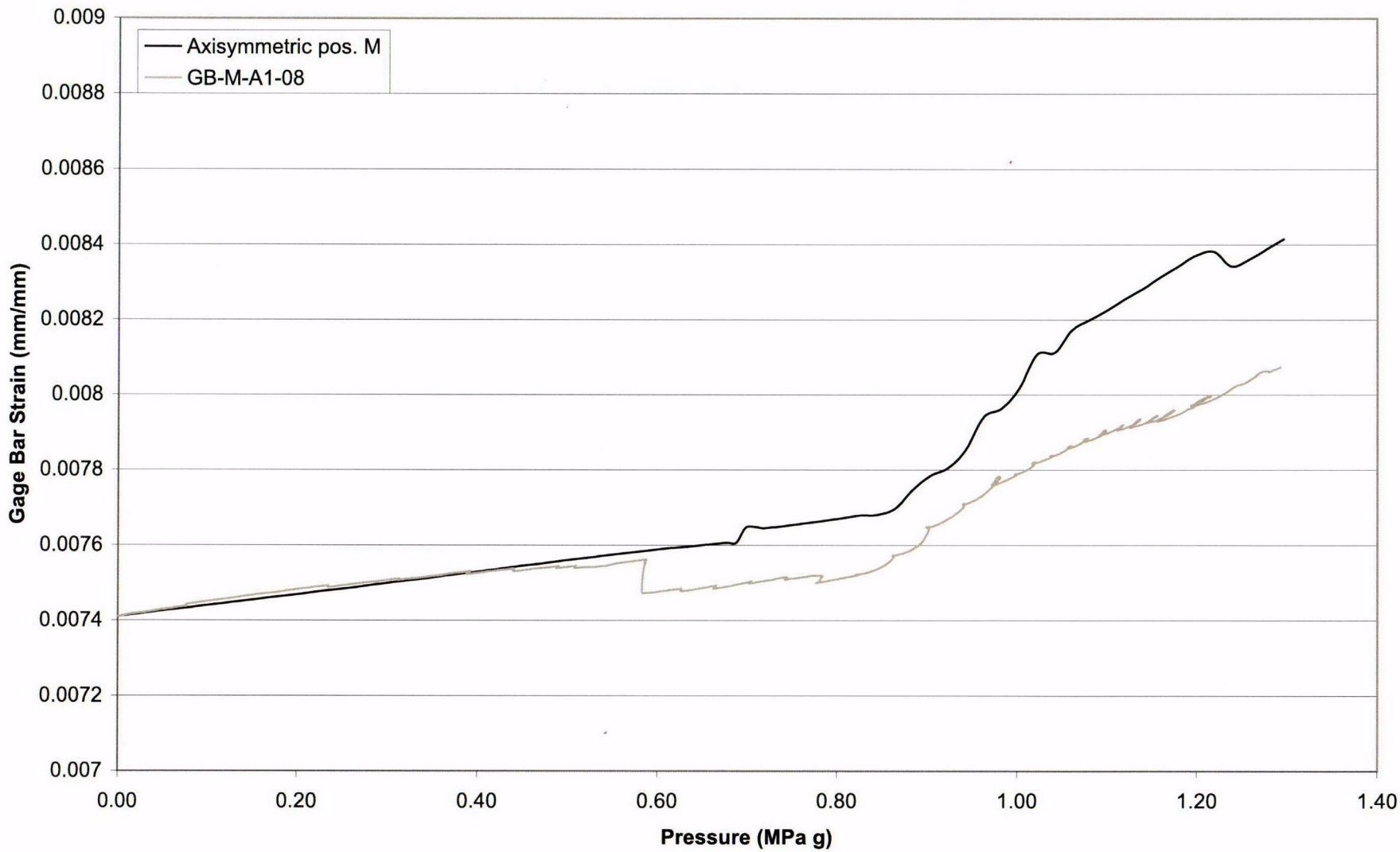


Figure 4-36. 1999 Pretest Analysis vs. LST at Wall Base Gage Bar Position M

C43

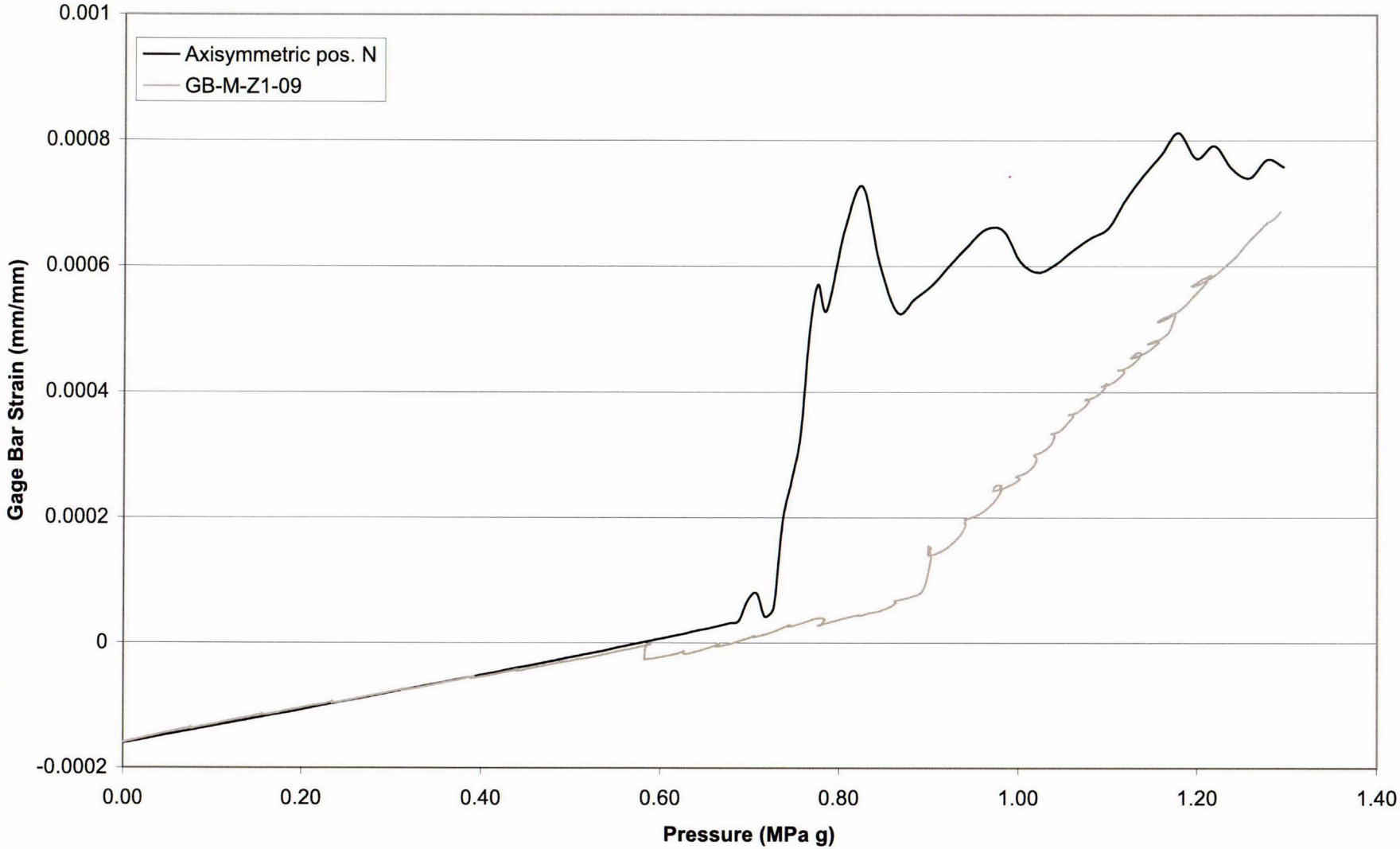


Figure 4-37. 1999 Pretest Analysis vs. LST at Wall Base Gage Bar Position N

C44

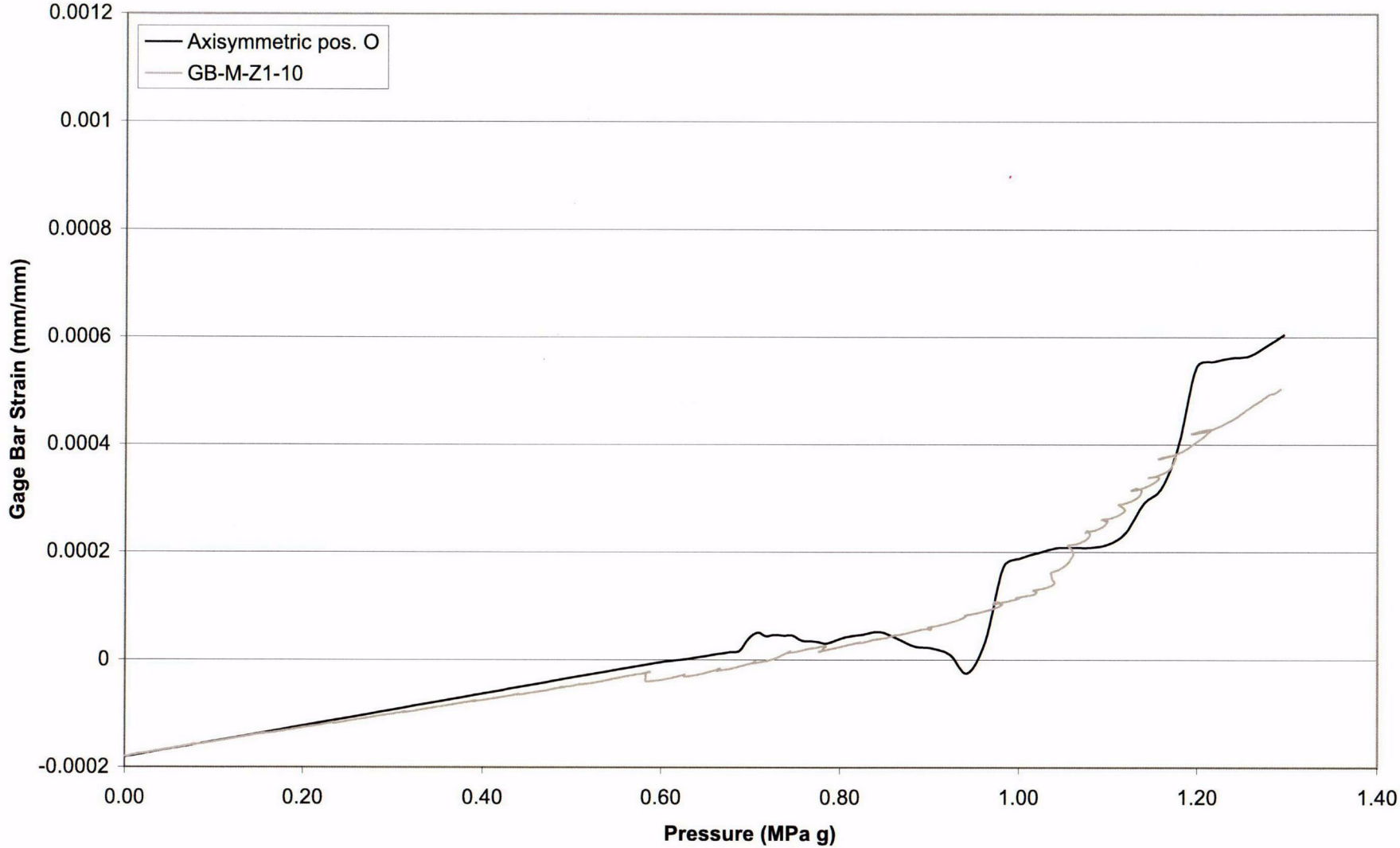


Figure 4-38. 1999 Pretest Analysis vs. LST at Wall Base Gage Bar Position O

C45

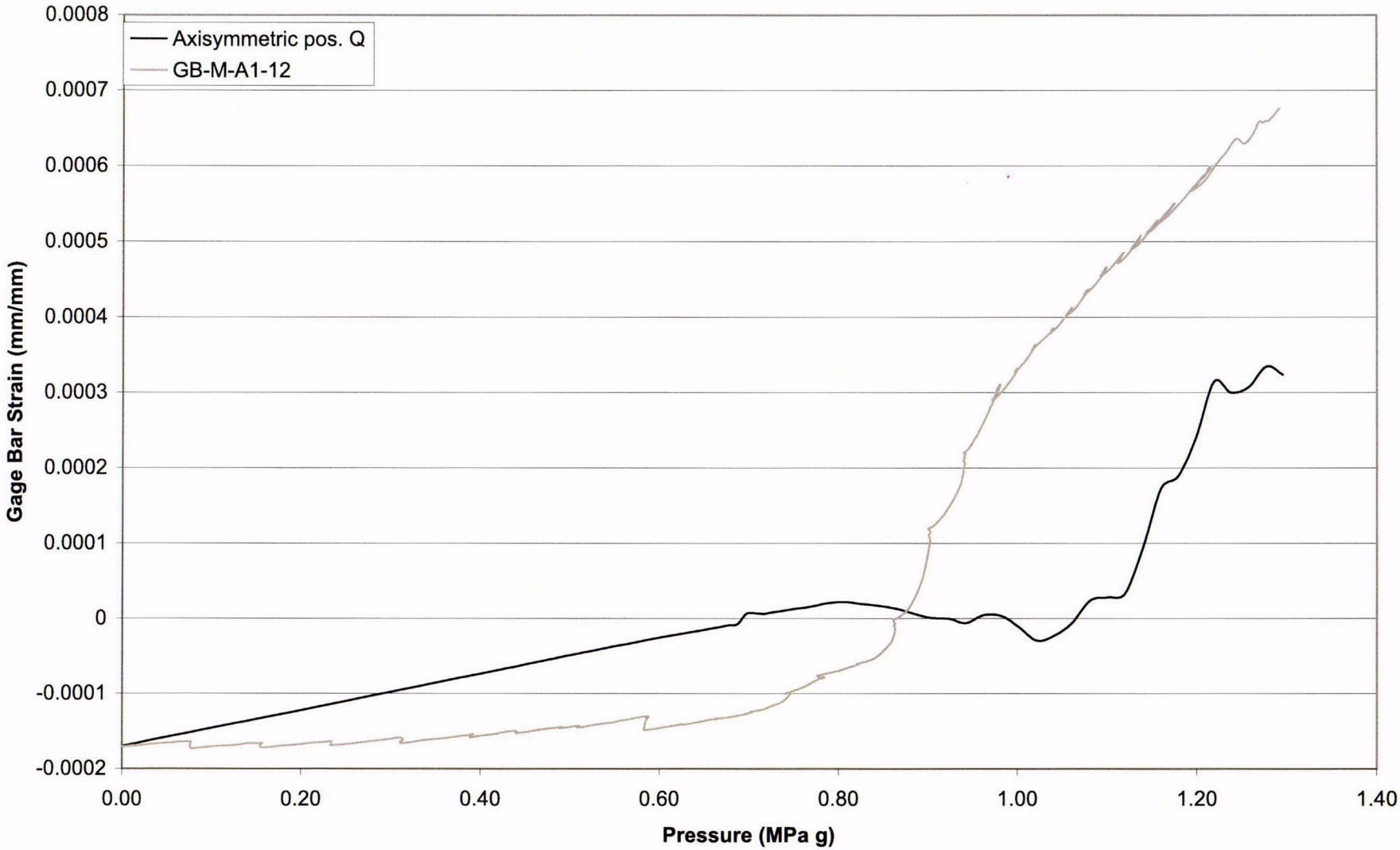


Figure 4-39. 1999 Pretest Analysis vs. LST at Wall Base Gage Bar Position Q

C46

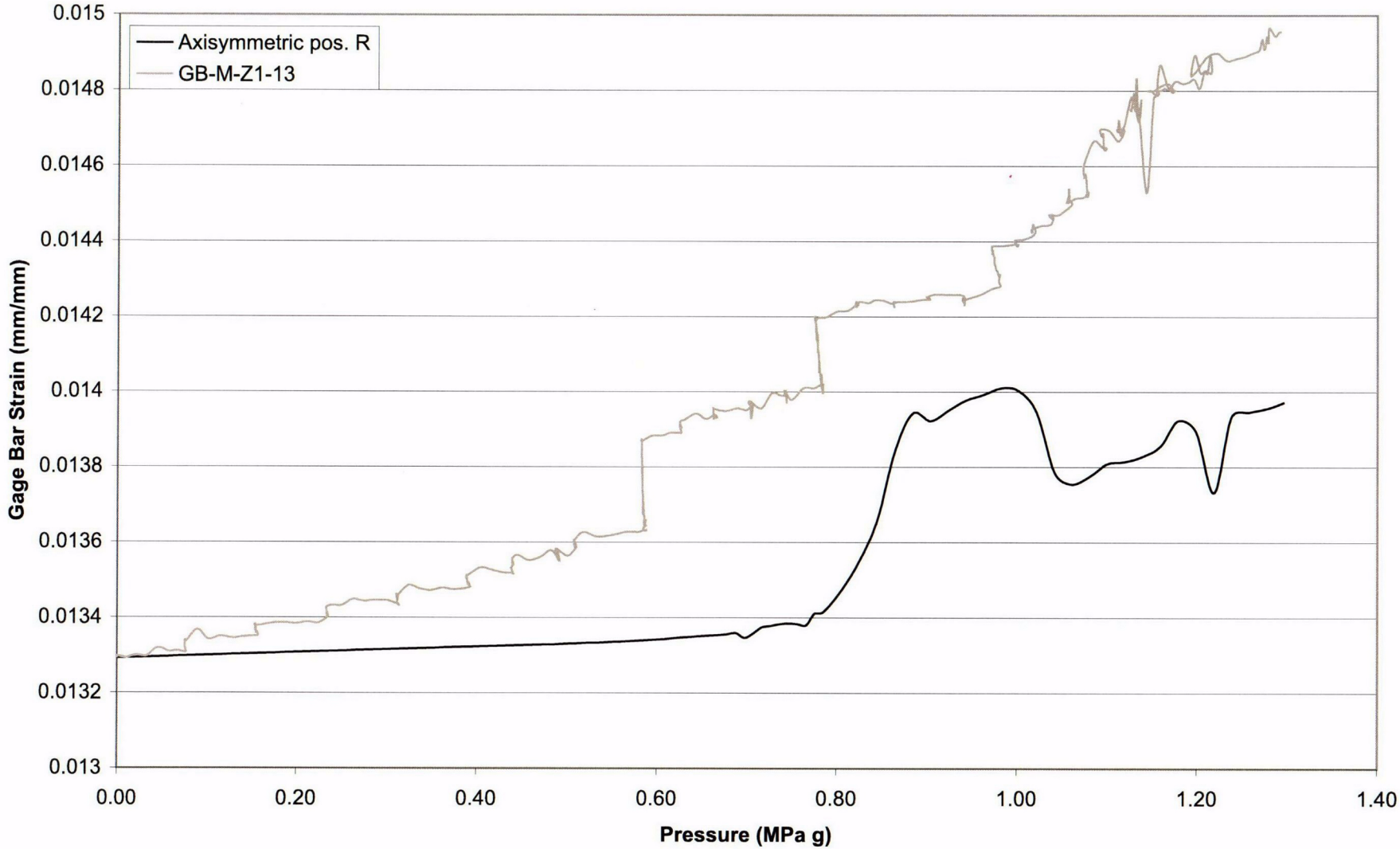


Figure 4-40. 1999 Pretest Analysis vs. LST at Wall Base Gage Bar Position R

C47

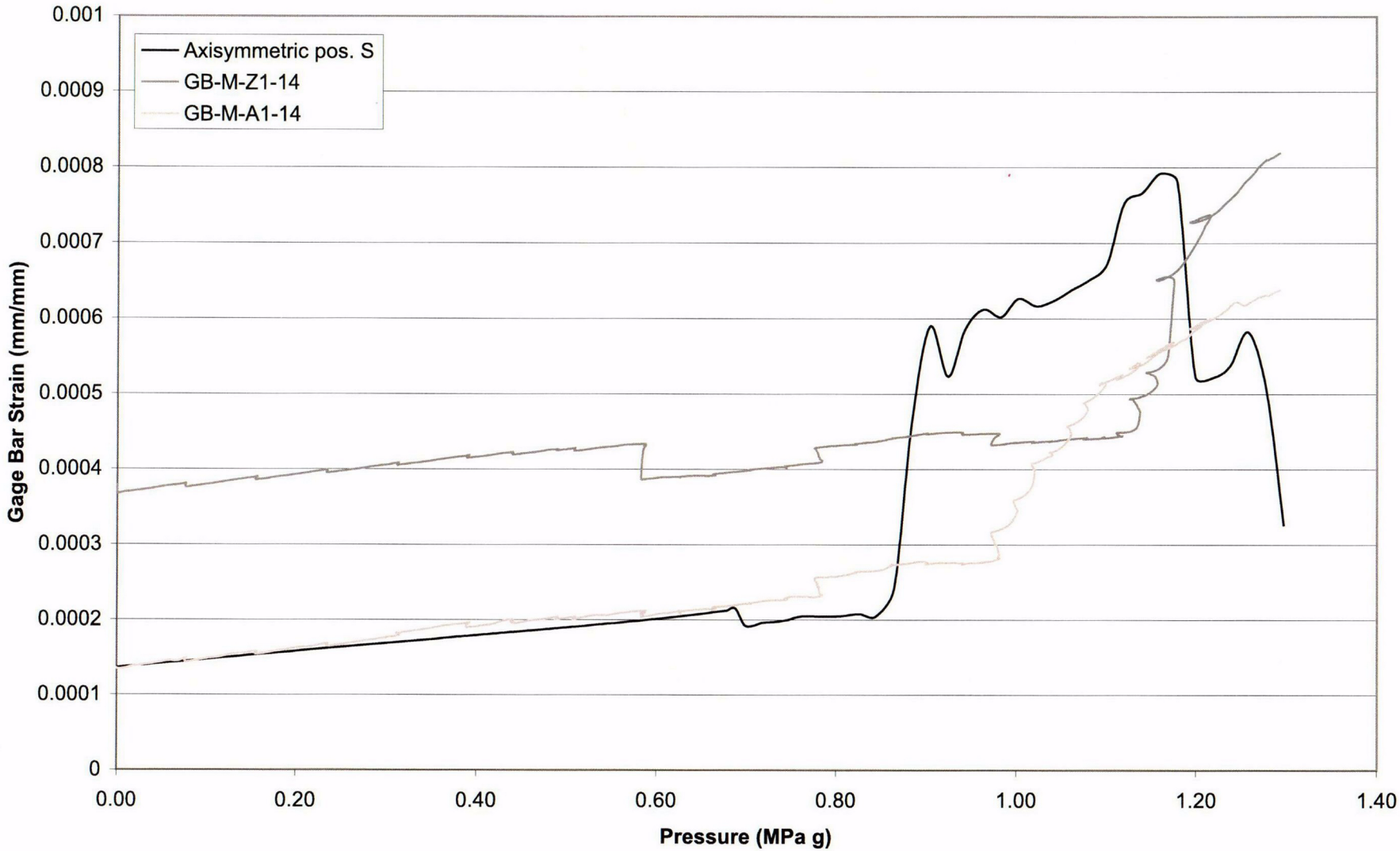


Figure 4-41. 1999 Pretest Analysis vs. LST at Wall Base Gage Bar Position S

C48

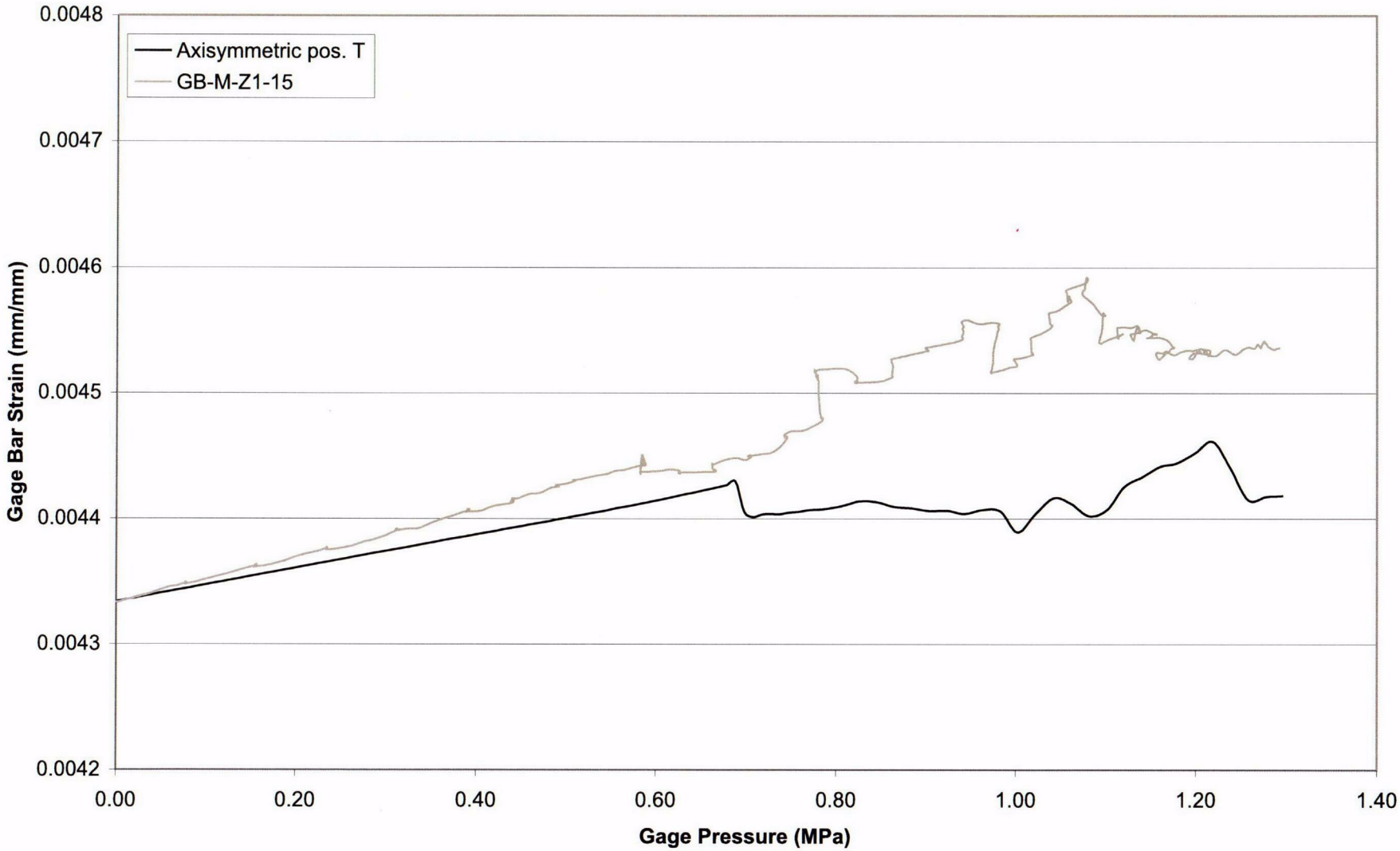


Figure 4-42. 1999 Pretest Analysis vs. LST at Wall Base Gage Bar Position T

C49

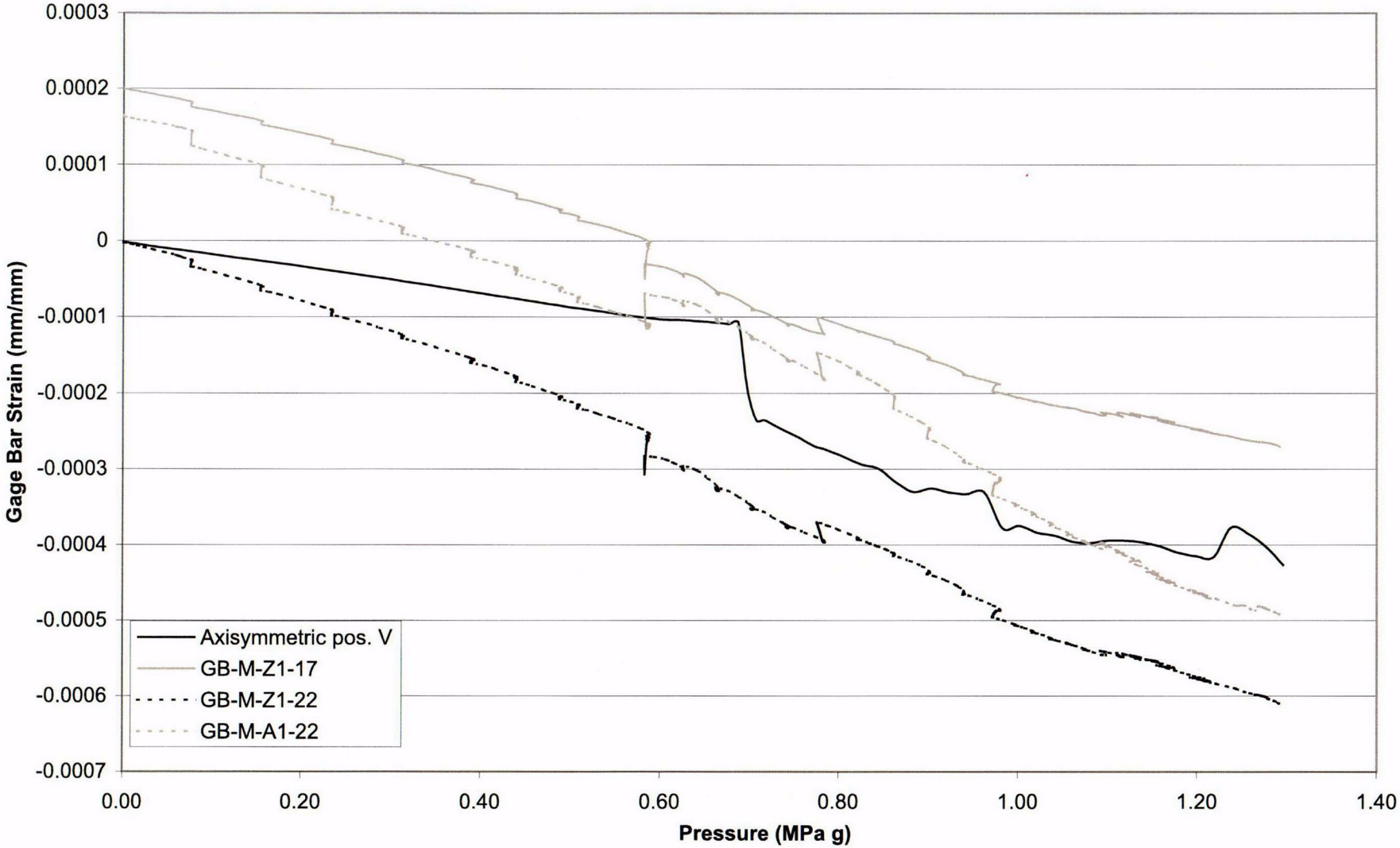


Figure 4-43. 1999 Pretest Analysis vs. LST at Wall Base Gage Bar Position V

C50

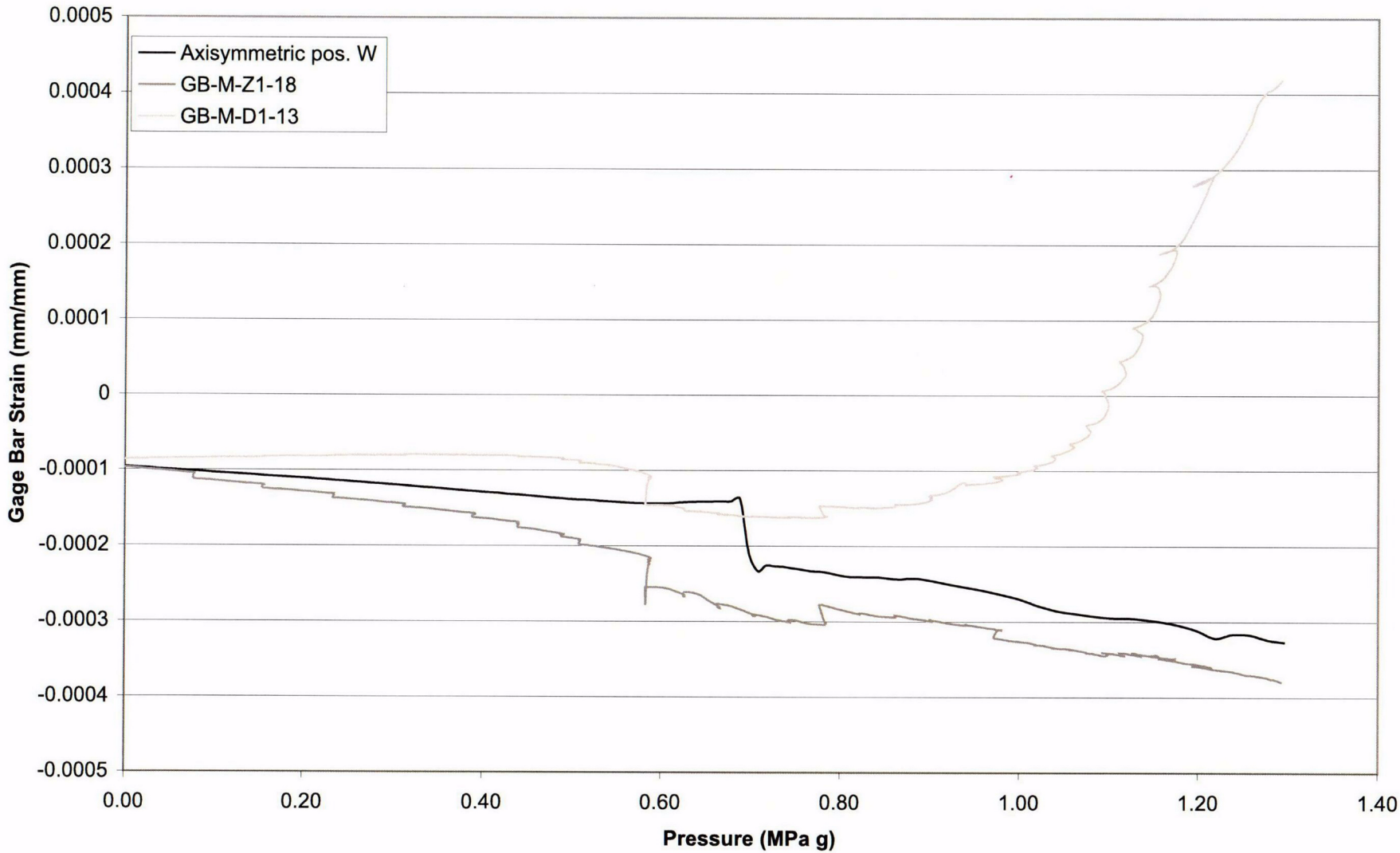


Figure 4-44. 1999 Pretest Analysis vs. LST at Wall Base Gage Bar Position W

C51

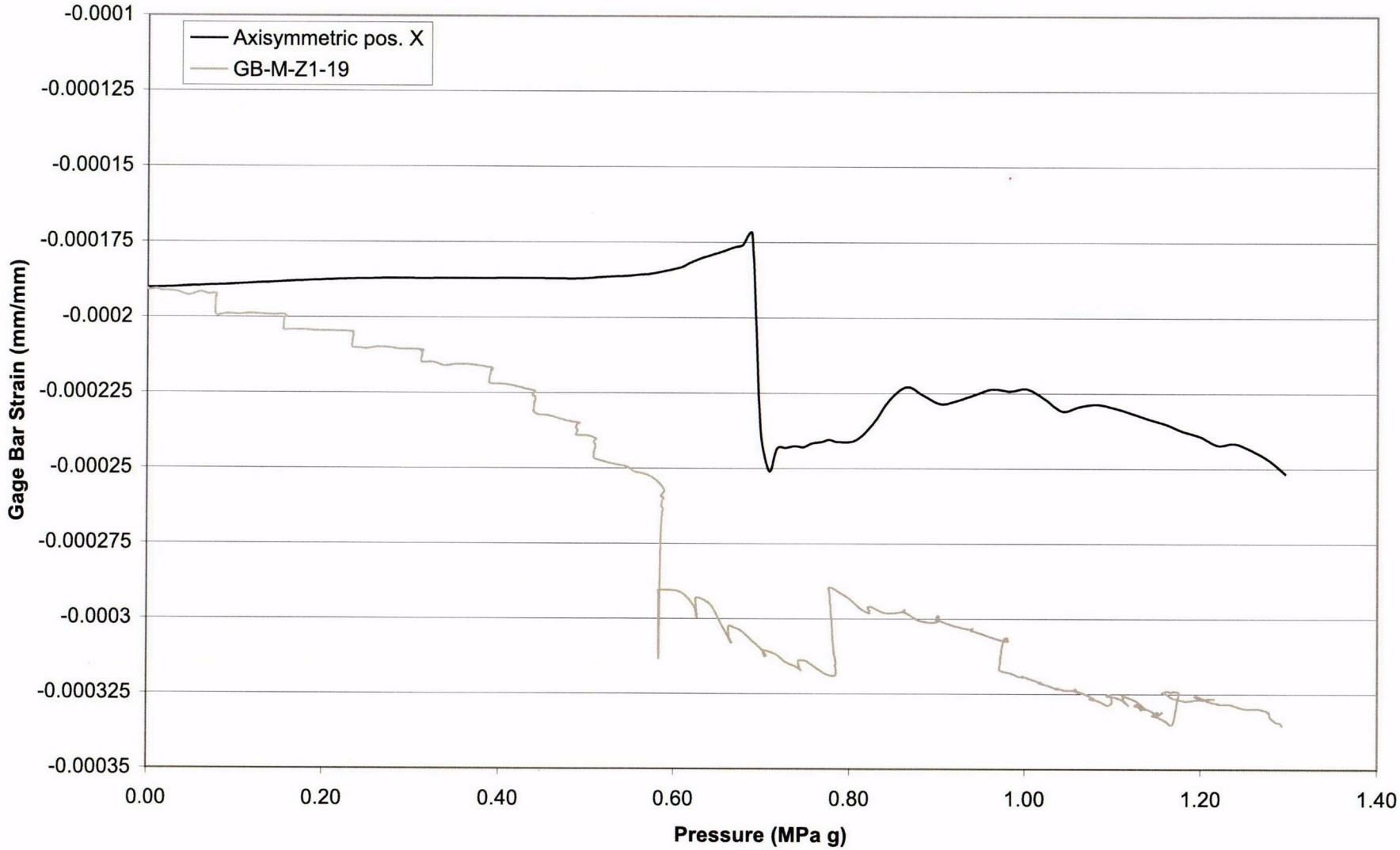


Figure 4-45. 1999 Pretest Analysis vs. LST at Wall Base Gage Bar Position X

C52

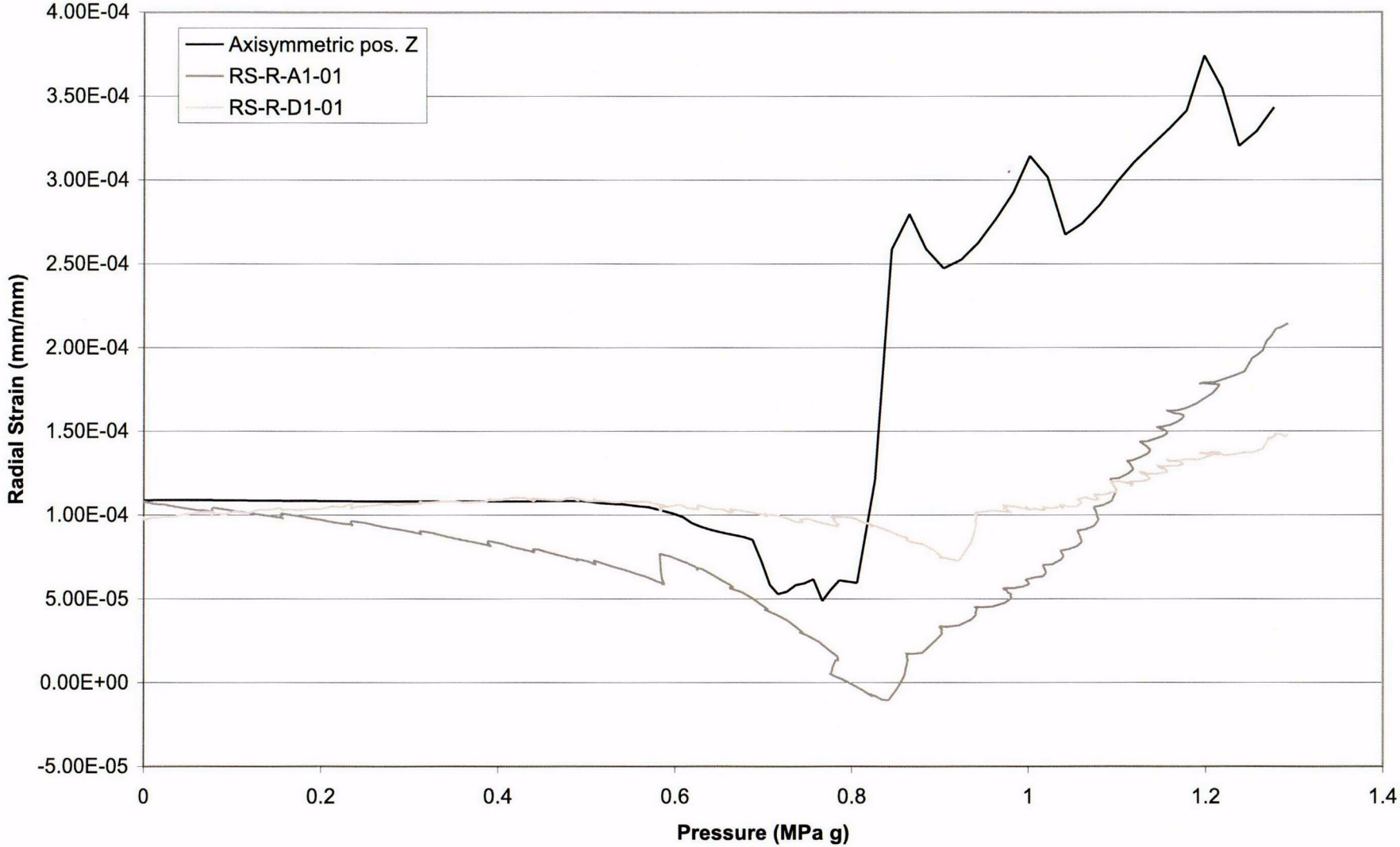


Figure 4-46. 1999 Pretest Analysis vs. LST at Wall Base Radial Stirrup Position Z

C53

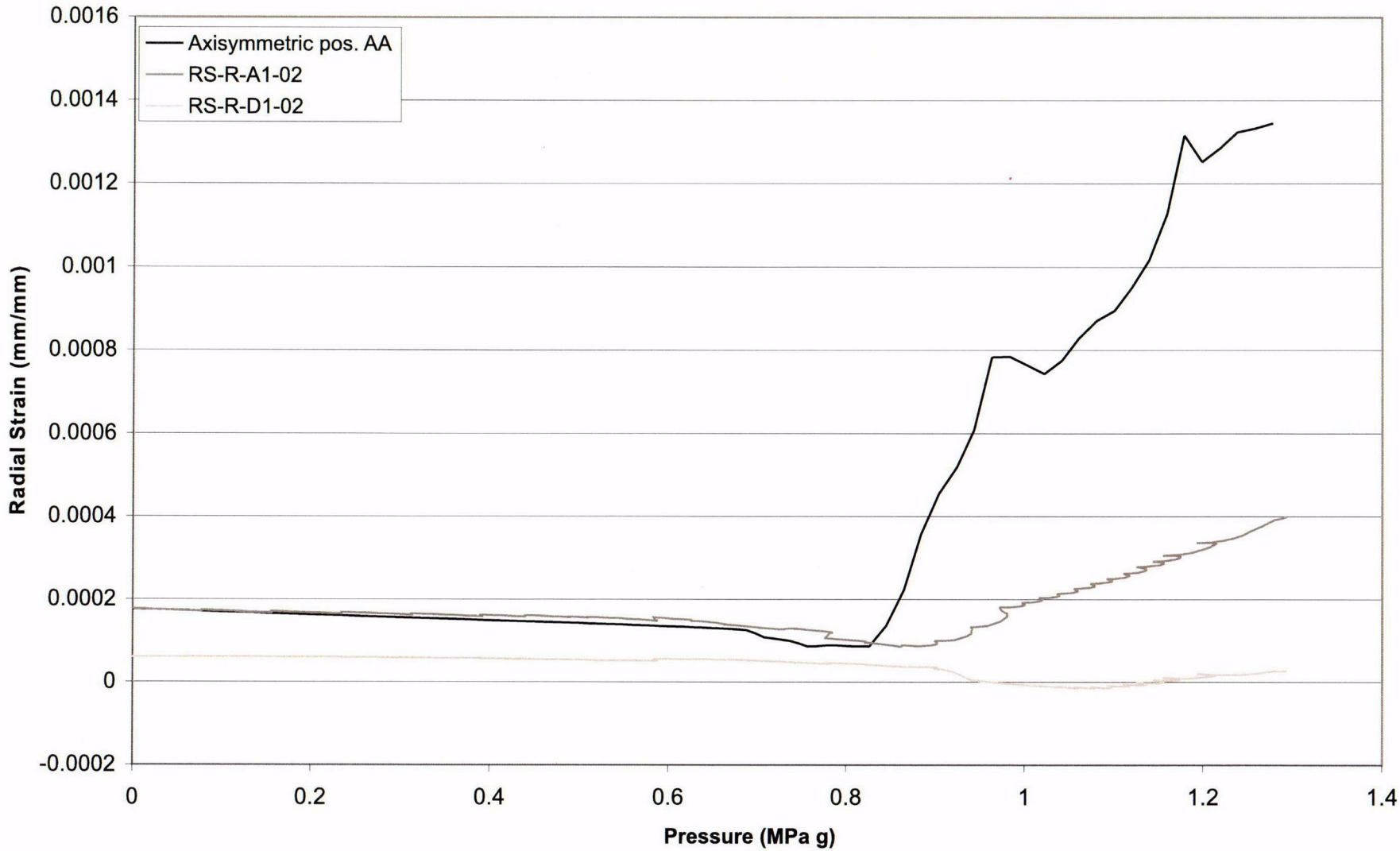


Figure 4-47. 1999 Pretest Analysis vs. LST at Wall Base Radial Stirrup Position AA

C54

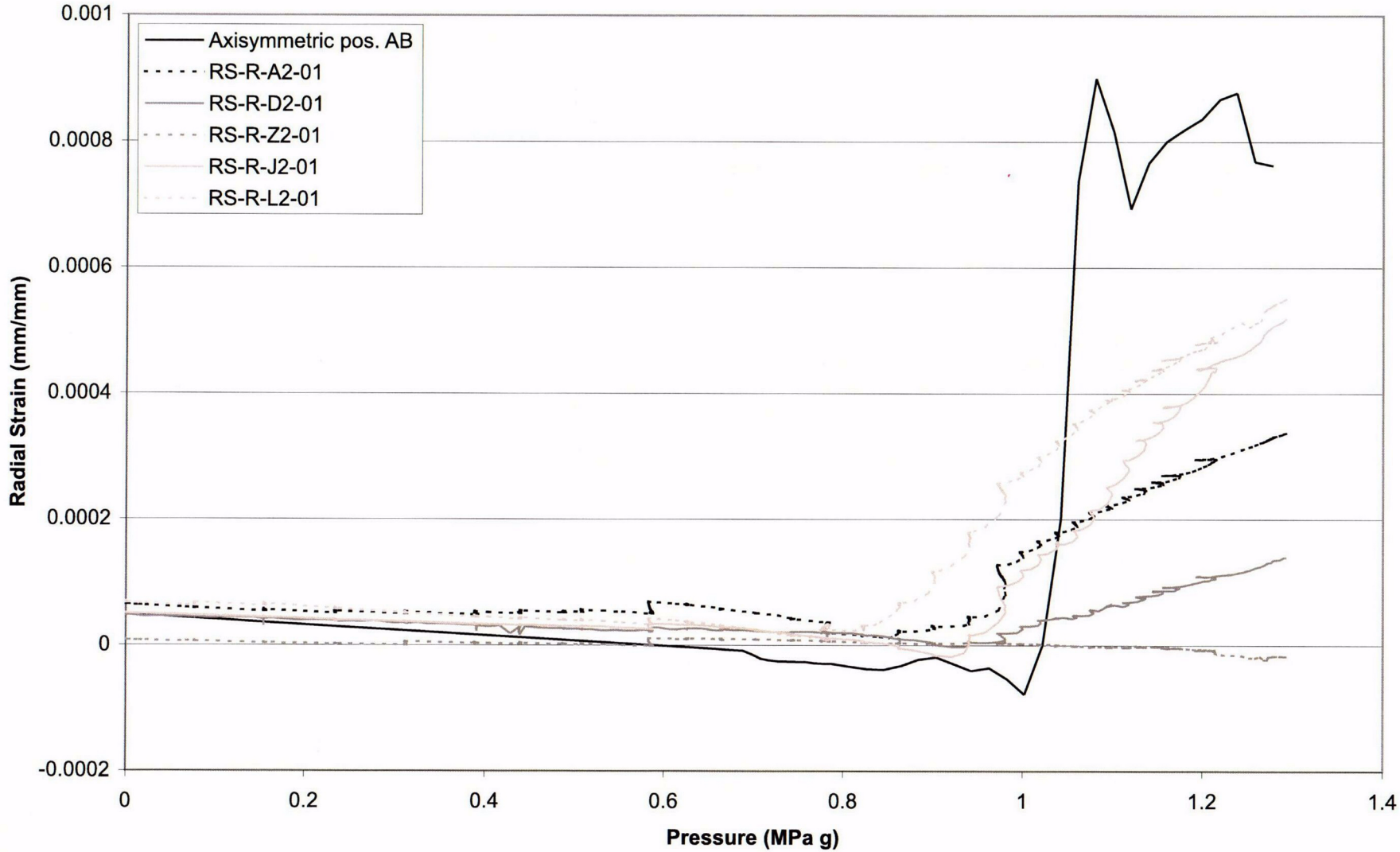


Figure 4-48. 1999 Pretest Analysis vs. LST at Wall Base Radial Stirrup Position AB

C55

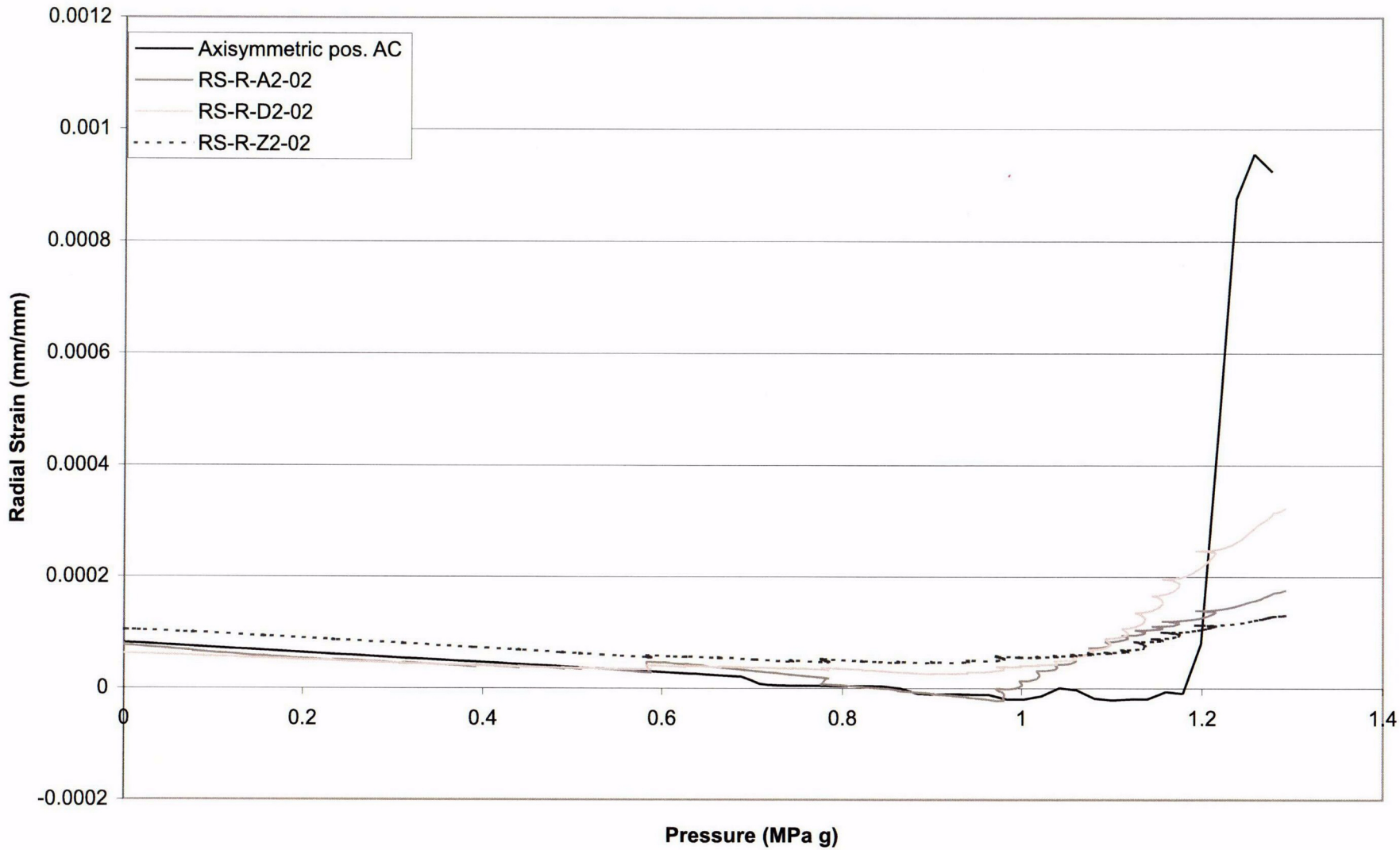


Figure 4-49. 1999 Pretest Analysis vs. LST at Wall Base Radial Stirrup Position AC

C56

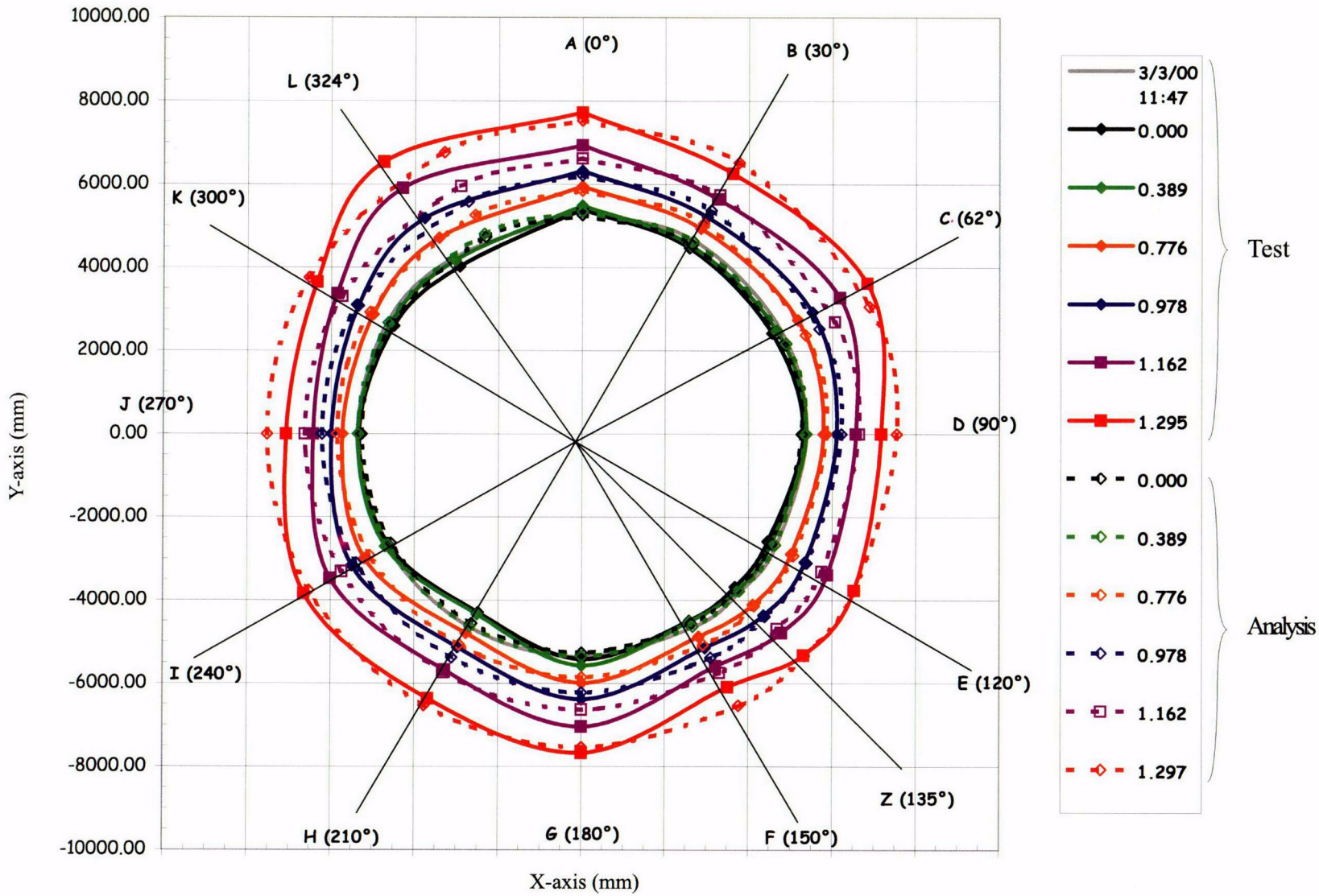


Figure 4-50. PCCV LST - Deformation @ El 4680 (5) × 100
Compared to Axisymmetric Pretest Analysis

C57

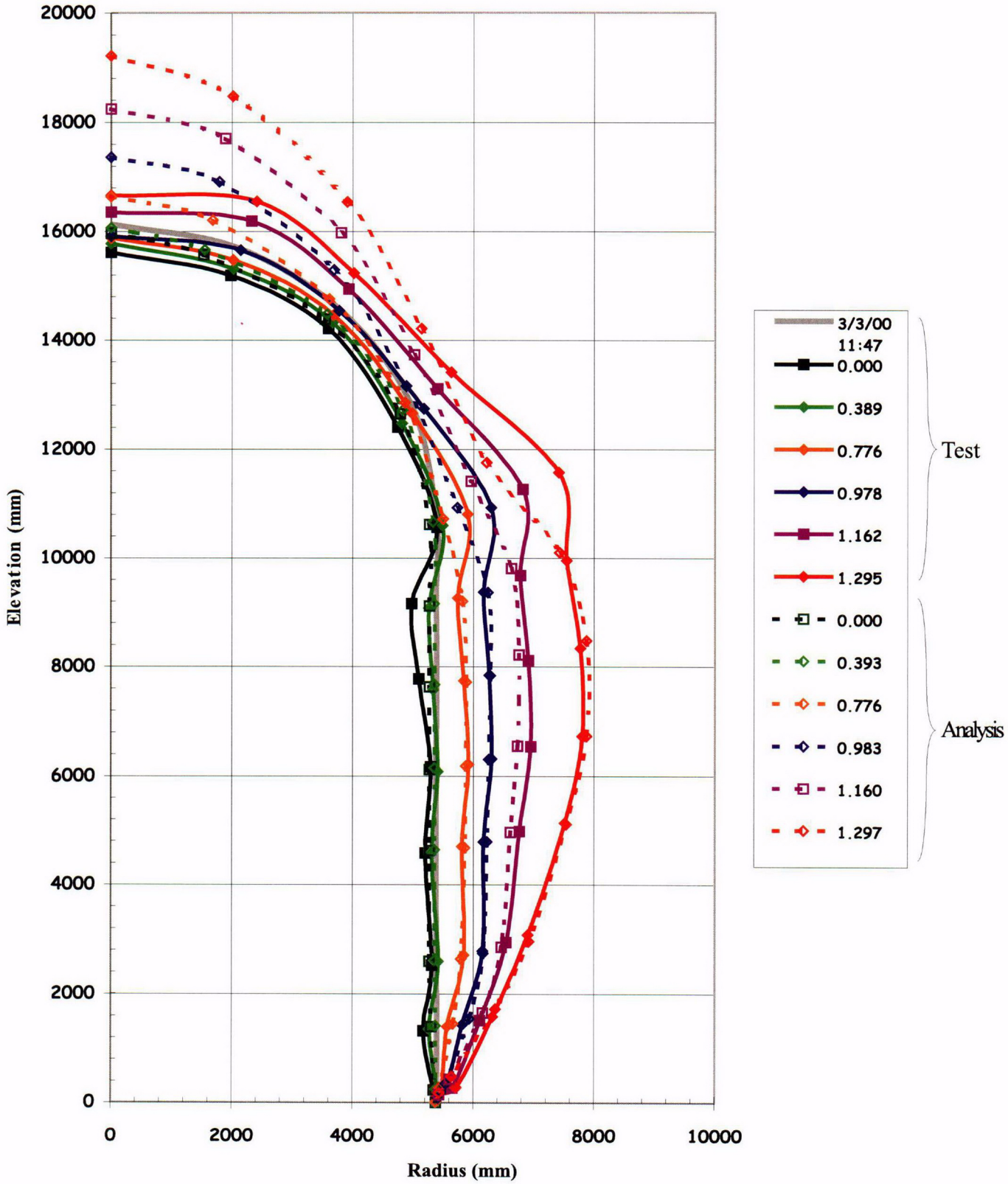


Figure 4-51. PCCV LST - Deformation @ Azimuth 135 (Z) × 100
Compared to Axisymmetric Pretest Analysis

C58

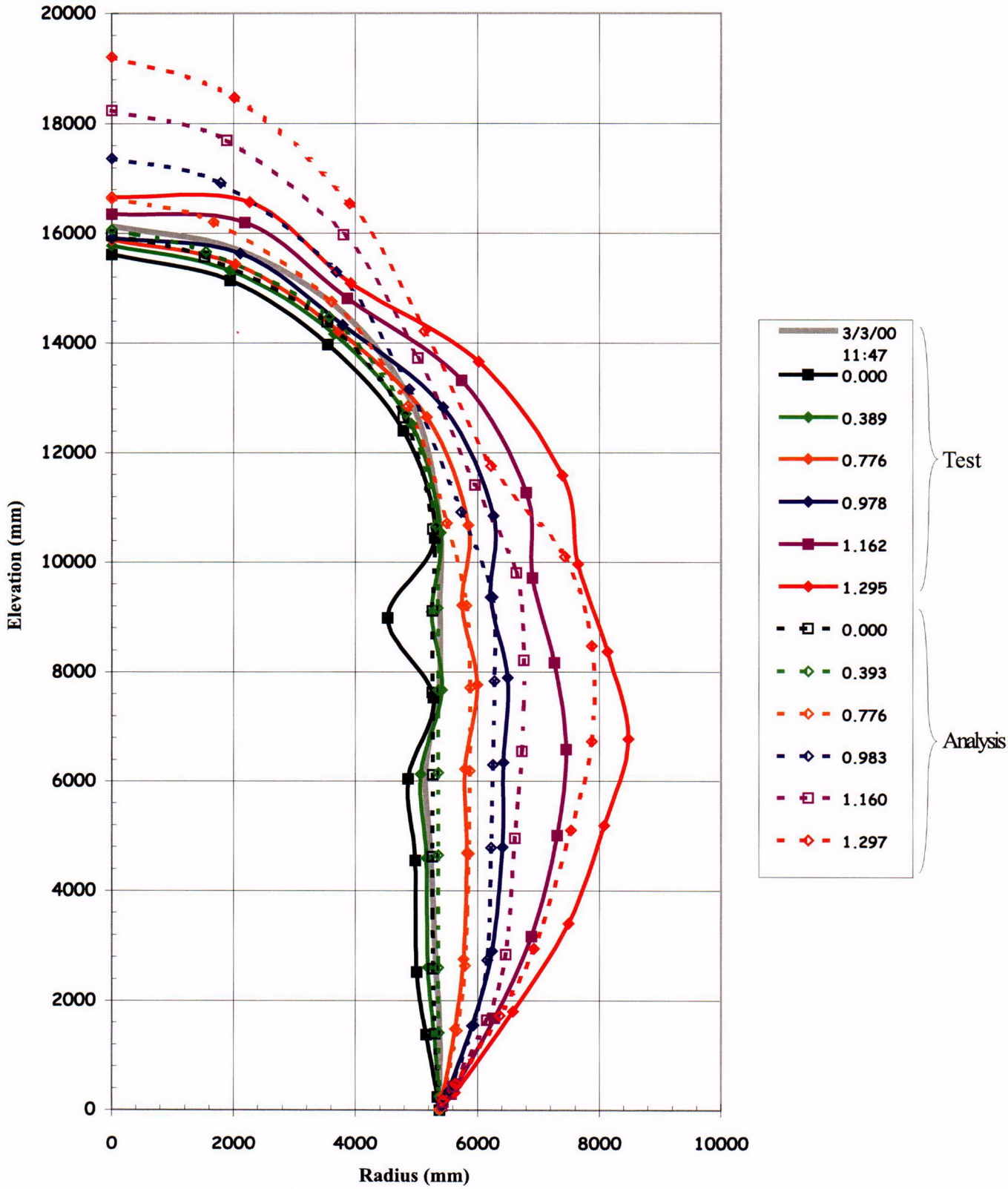


Figure 4-52. PCCV LST - Deformation @ Azimuth 324 (L) × 100
Compared to Axisymmetric Pretest Analysis

C59

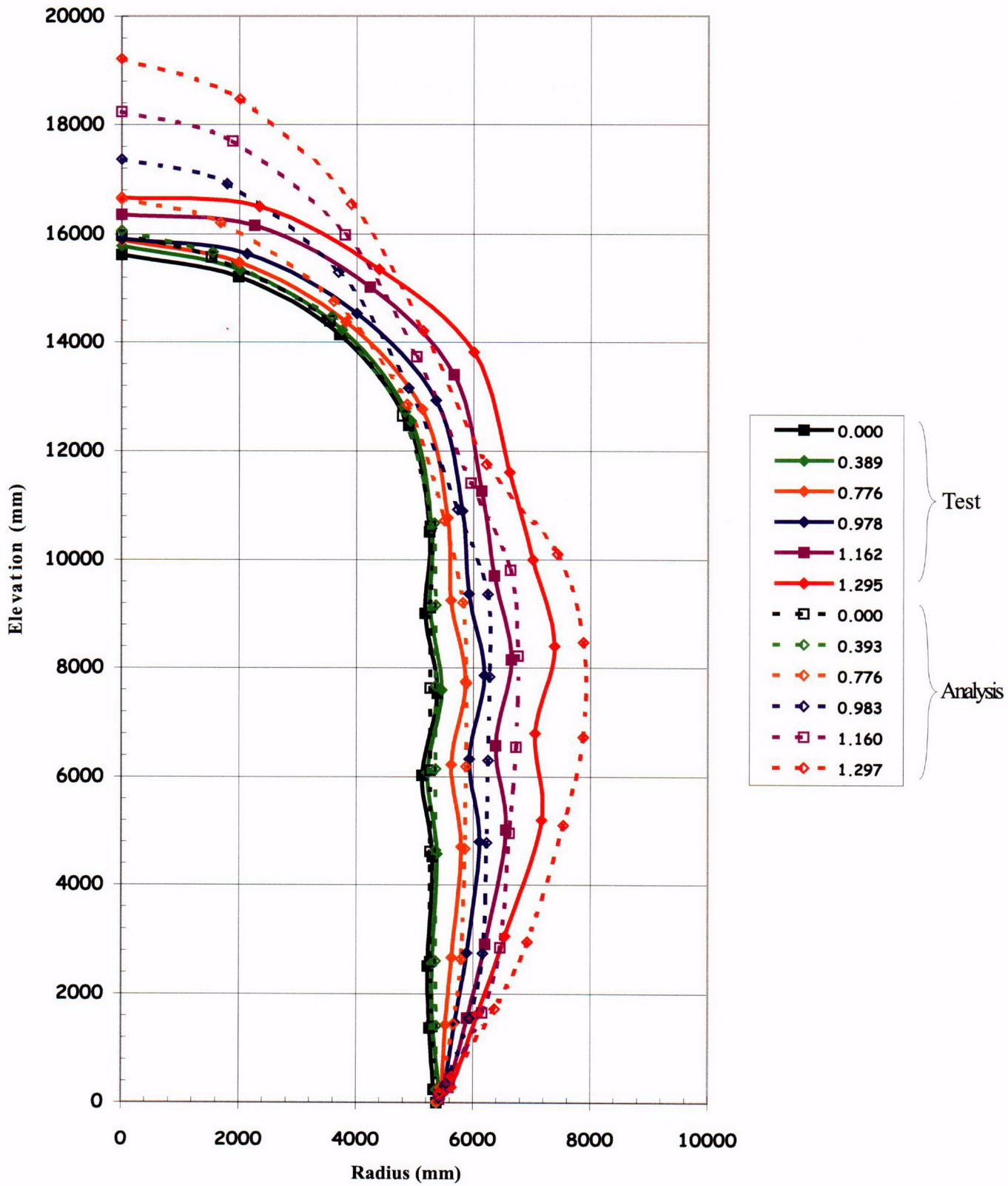


Figure 4-53. PCCV LST - Deformation @ Azimuth 90 (D) × 100
Compared to Axisymmetric Pretest Analysis

C60