

Sandia PCCV, Maximum Principle Strain contours at  $4.0P_d$

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

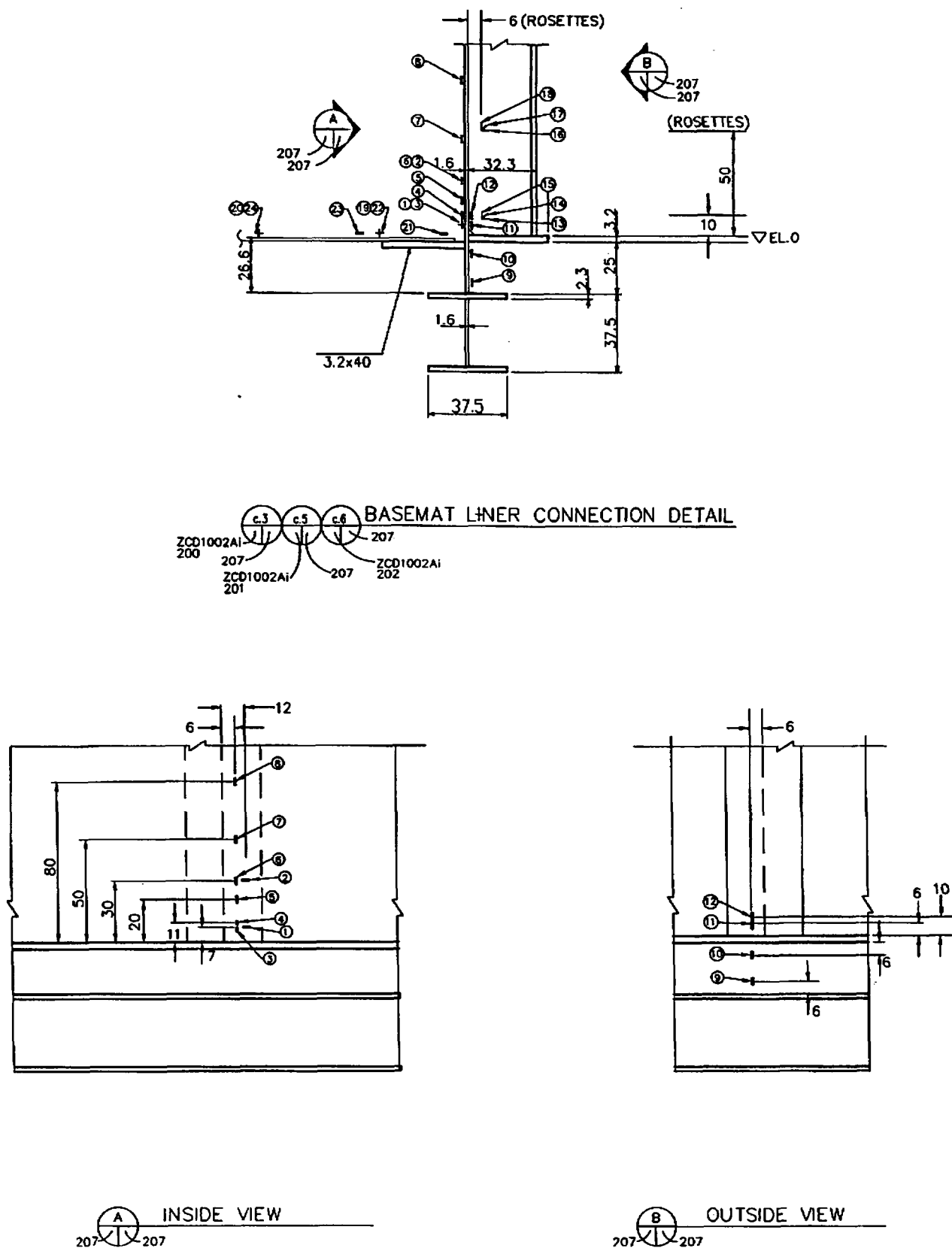


Figure 4-24. Basemat Liner Connection, Liner Instrumentation Details  
(From Sheet D-SN-P-207, NUPEC/NRC Structural Behavior Test Model - As Built)



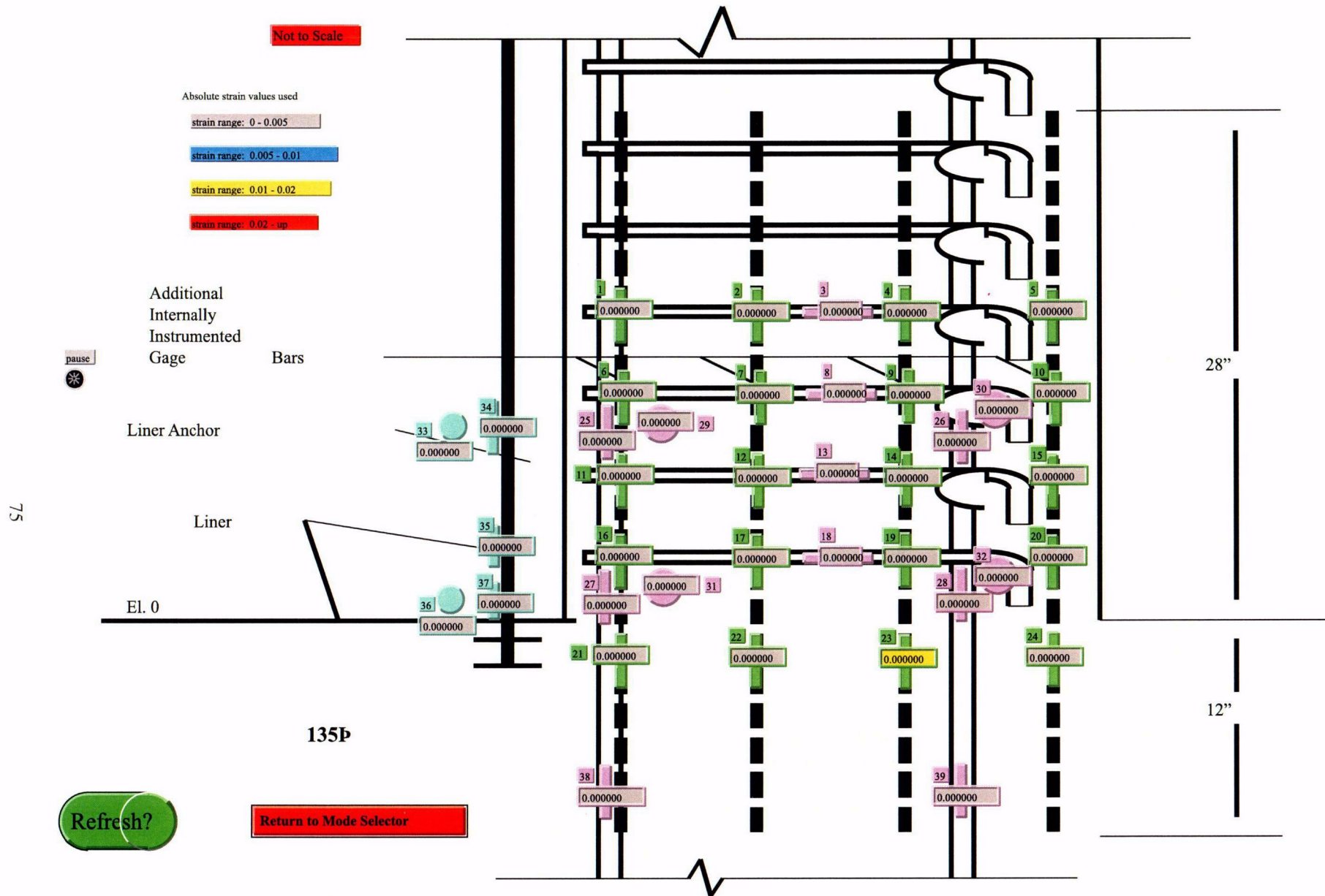


Figure 4-25. Basemat Junction, Gage Bar and Stirrup Strain Gage Locations

- Gage Bar Strain Locations  
 (positions A-Z)
- Radial Stirrup Strain Locations  
 (positions Z-AC)

#### 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

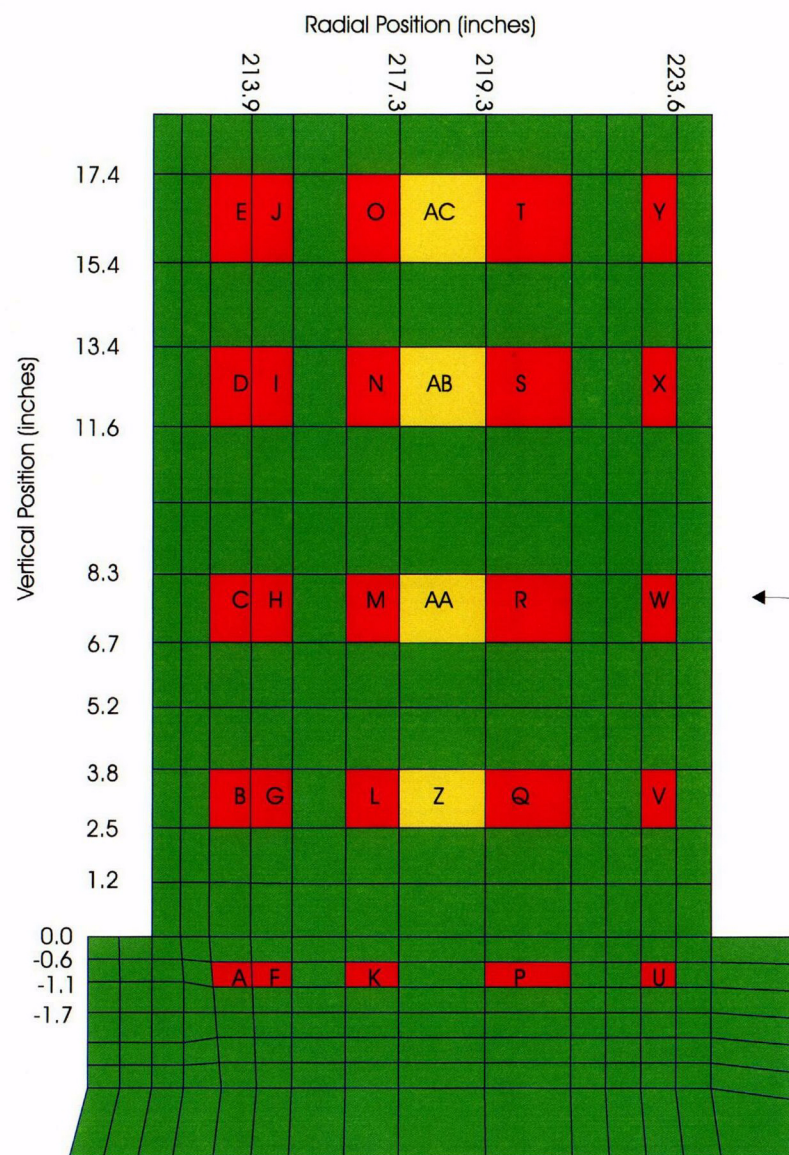


Figure 4-26. Axisymmetric Model Gage Bar, Stirrup, and Liner Strain Comparison Locations

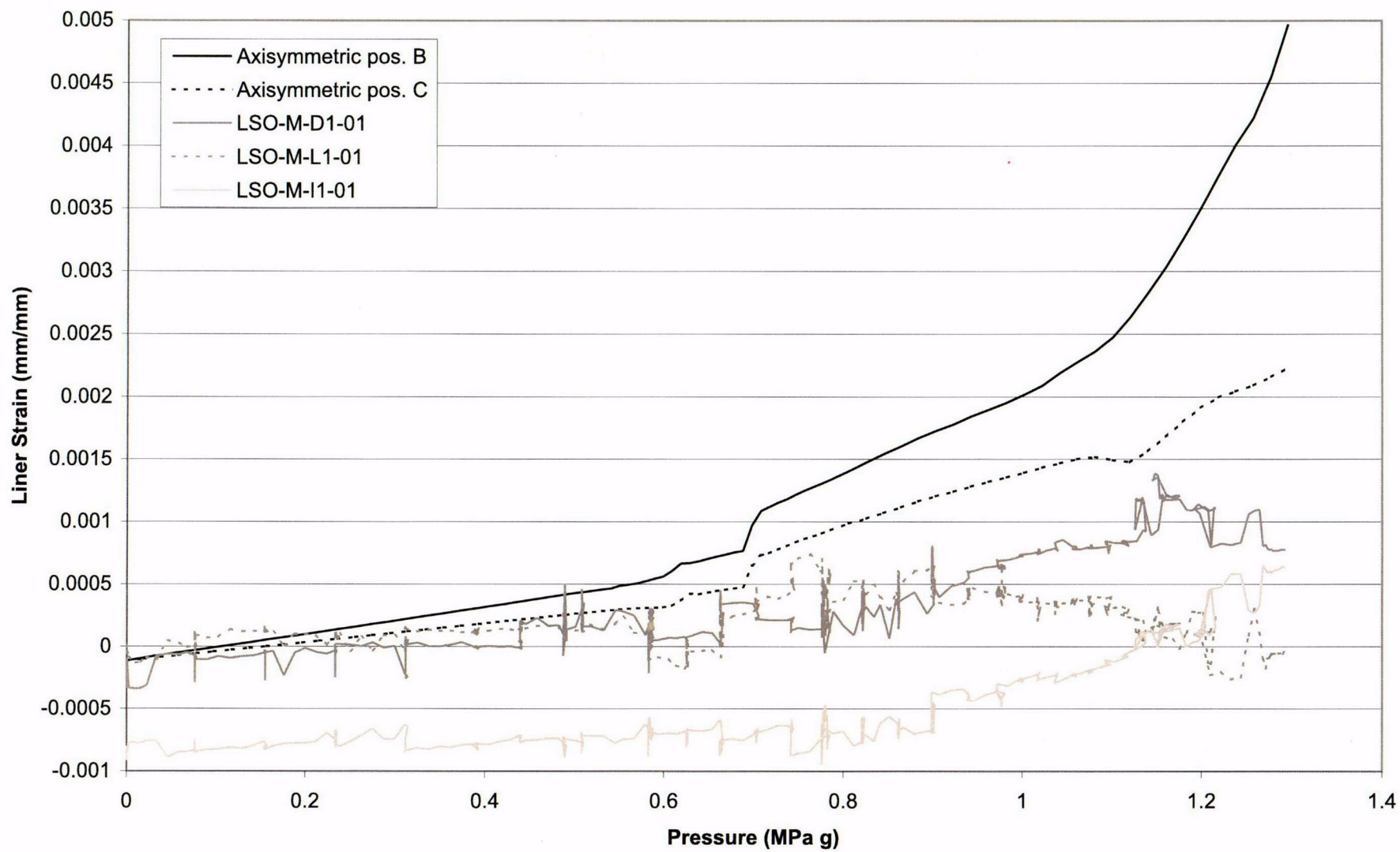


Figure 4-27. 1999 Pretest Analysis vs. LST at Wall Base Liner Position B-C



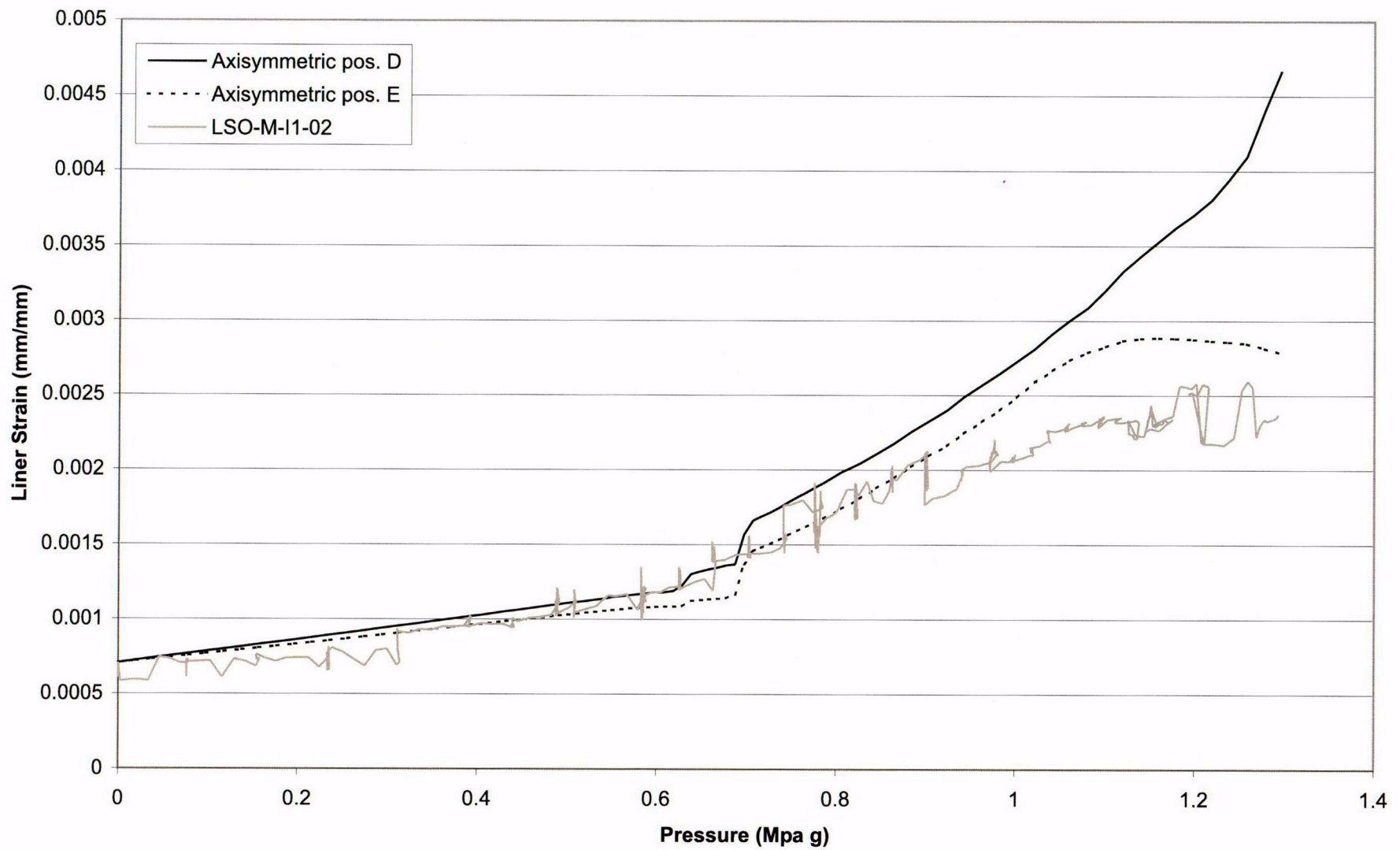


Figure 4-28. 1999 Pretest Analysis vs. LST at Wall Base Liner Position D-E

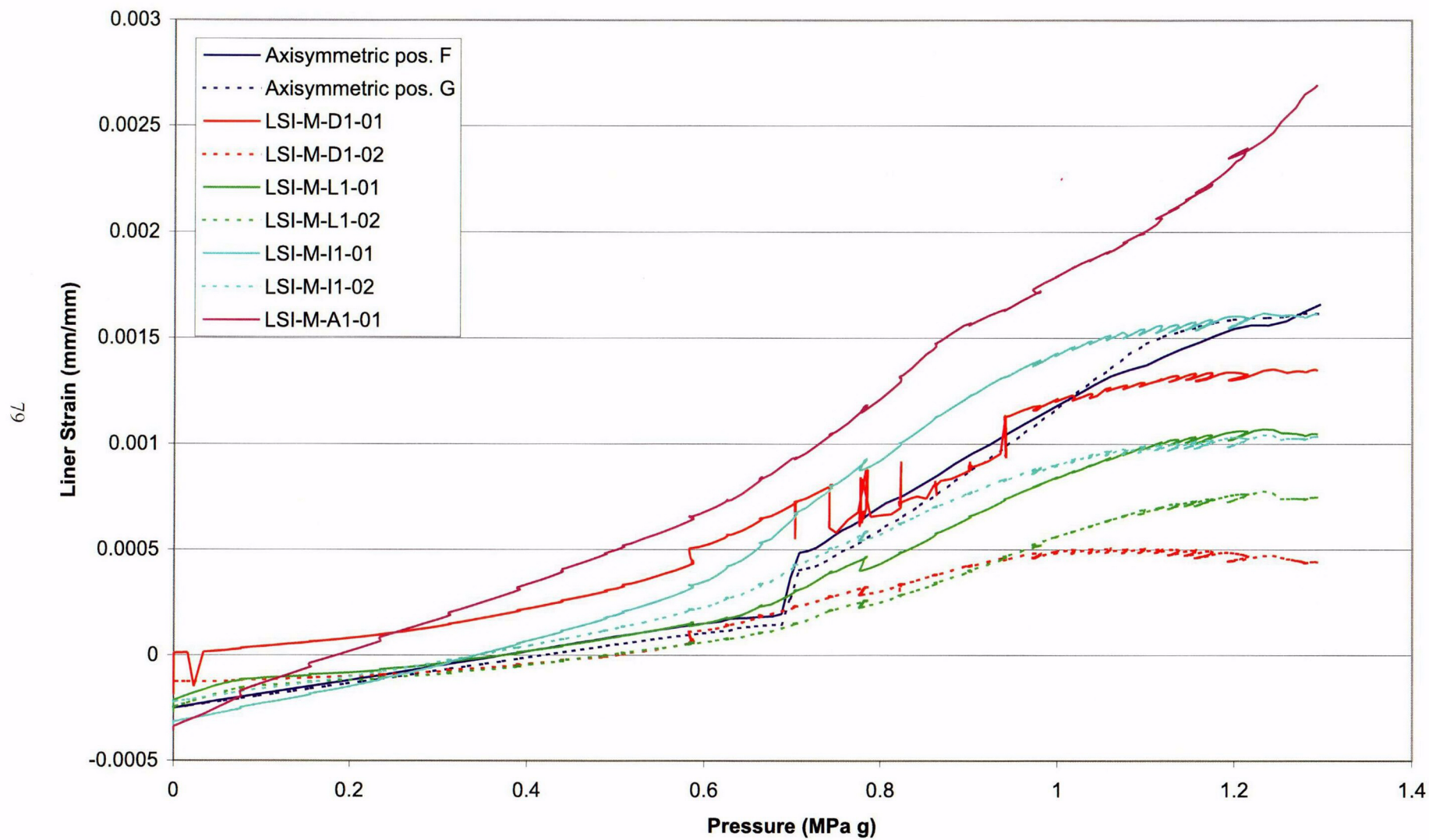


Figure 4-29. 1999 Pretest Analysis vs. LST at Wall Base Liner Position F-G

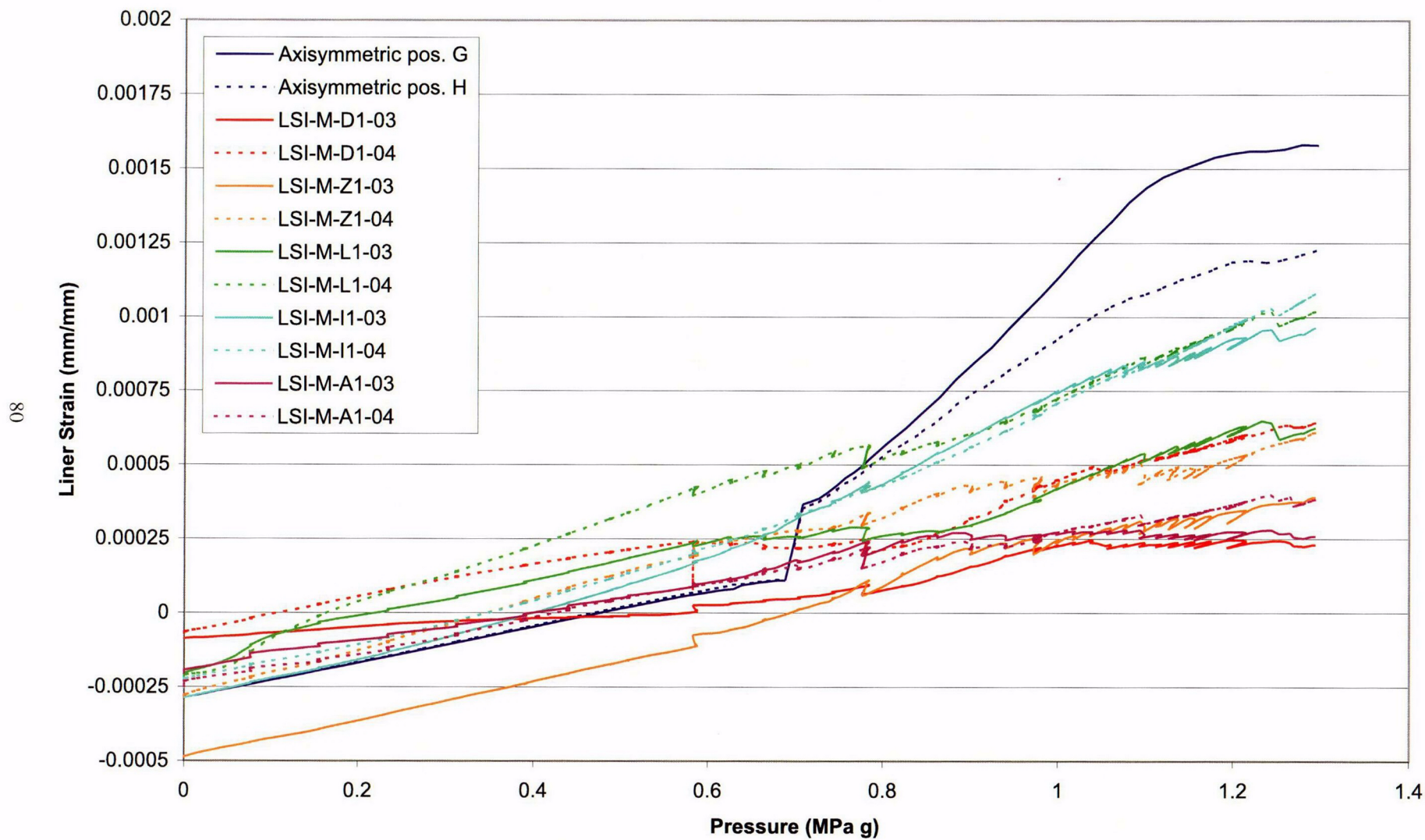


Figure 4-30. 1999 Pretest Analysis vs. LST at Wall Base Liner Position G-H



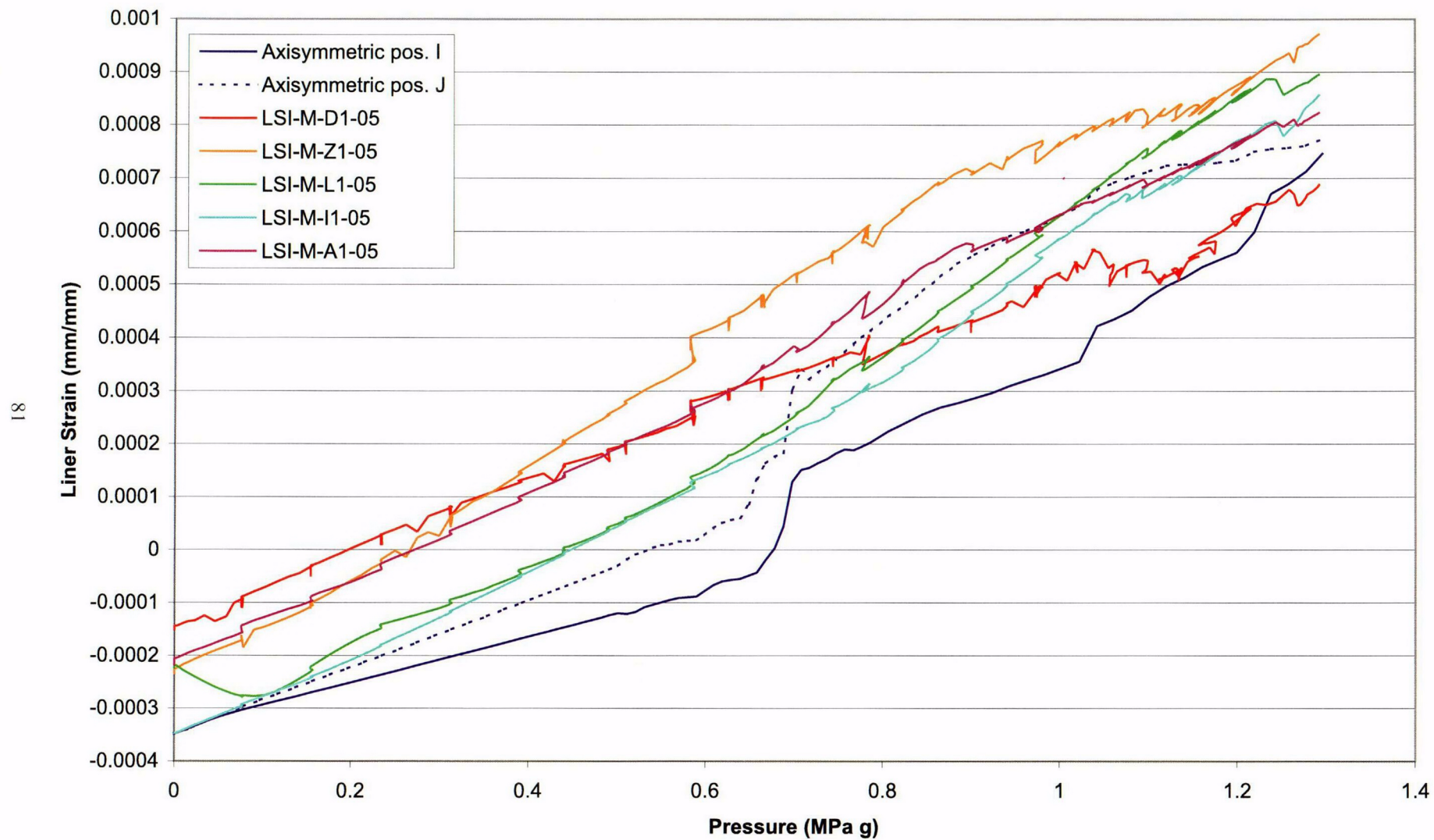


Figure 4-31. 1999 Pretest Analysis vs. LST at Wall Base Liner Position I-J

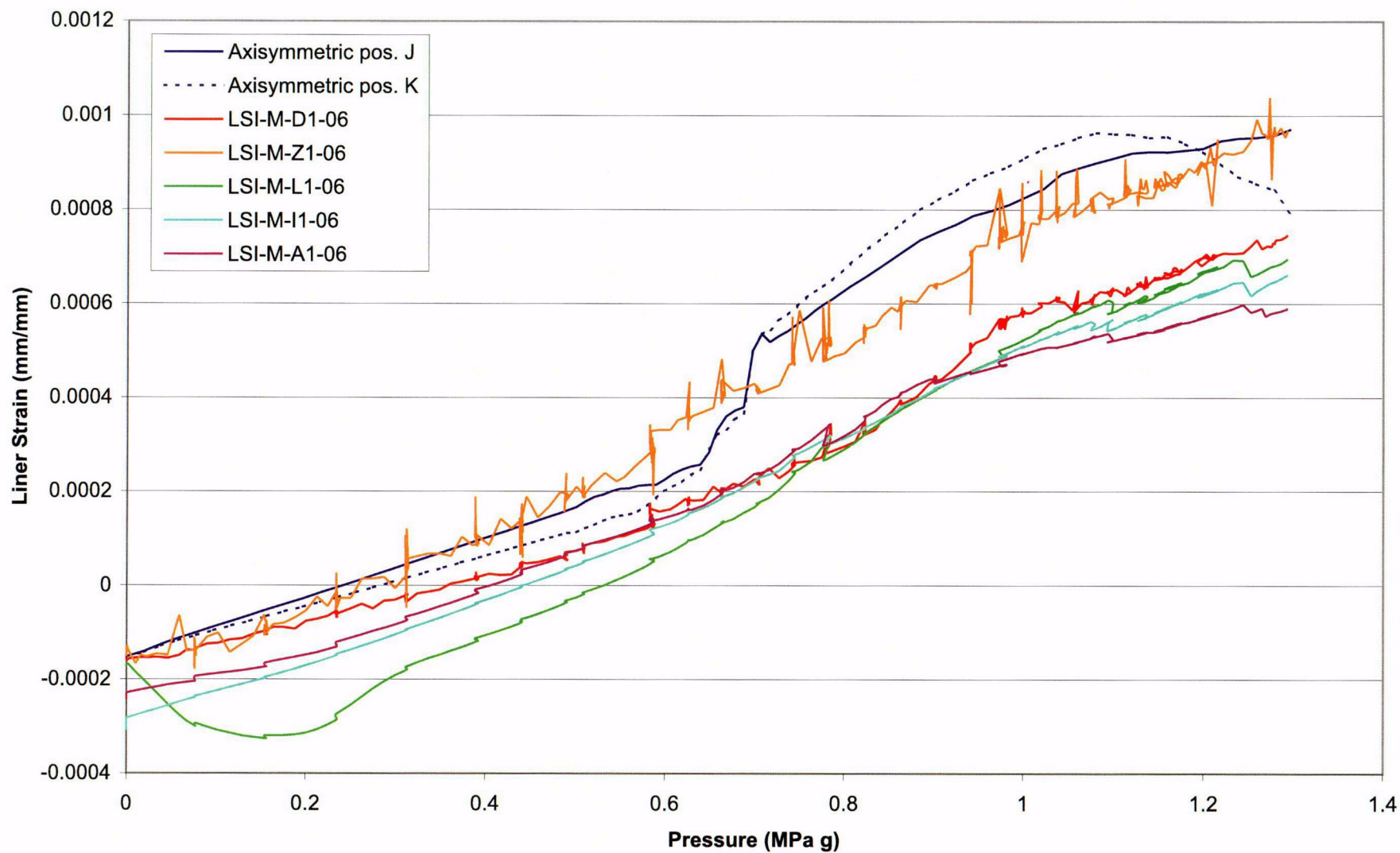


Figure 4-32. 1999 Pretest Analysis vs. LST at Wall Base Liner Position J-K

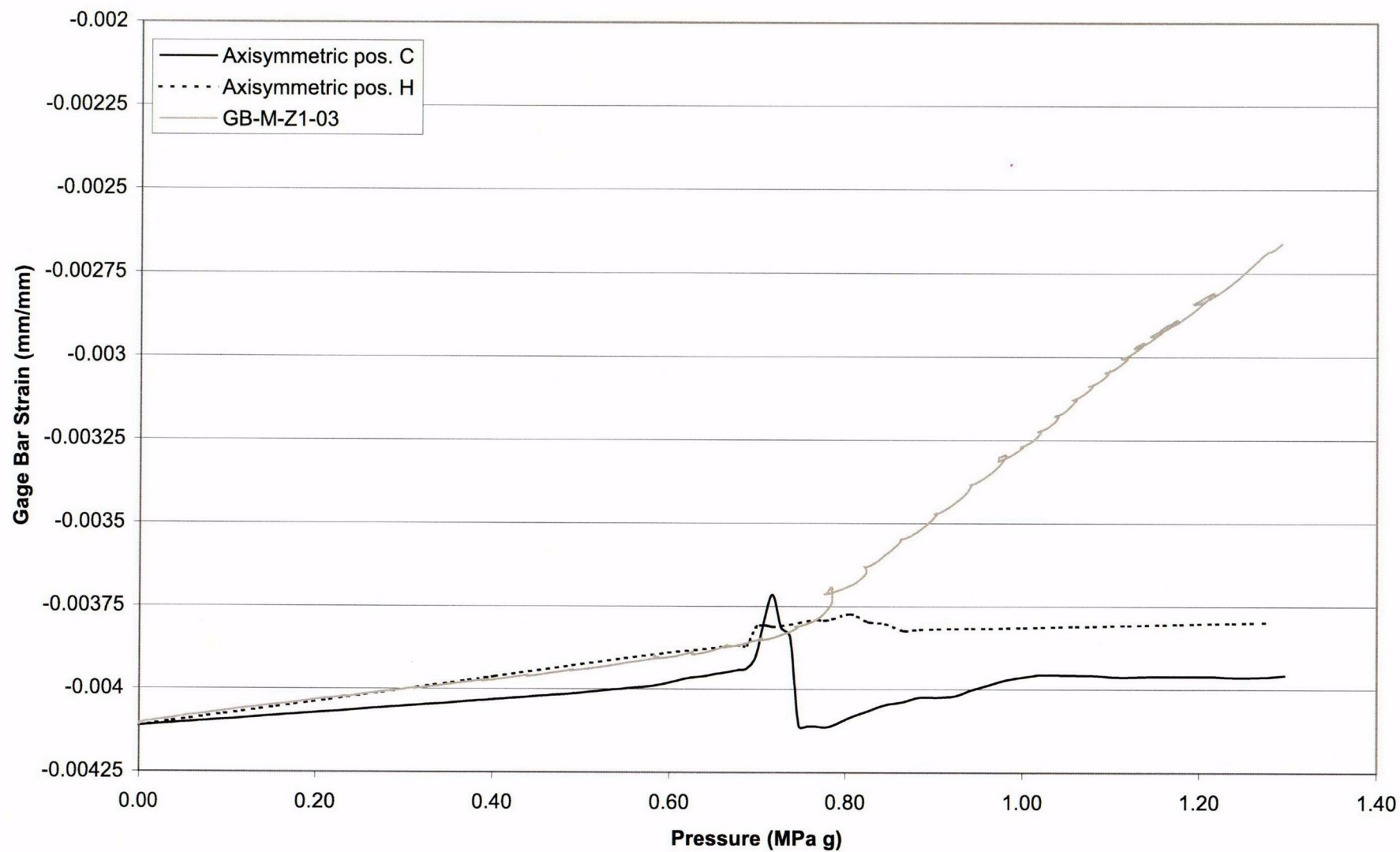


Figure 4-33. 1999 Pretest Analysis vs. LST at Wall Base Gage Bar Position C-H

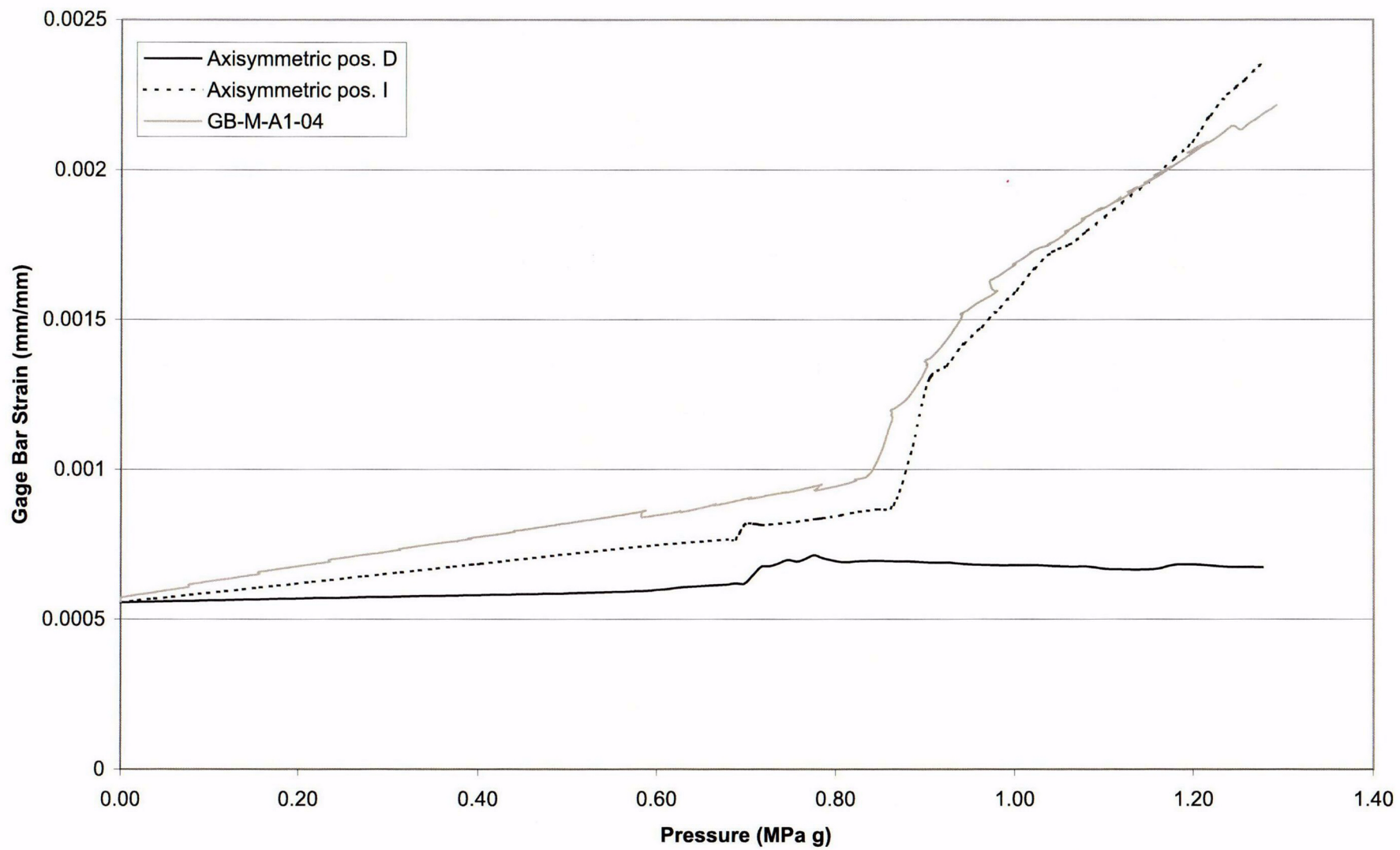


Figure 4-34. 1999 Pretest Analysis vs. LST at Wall Base Gage Bar Position D-I

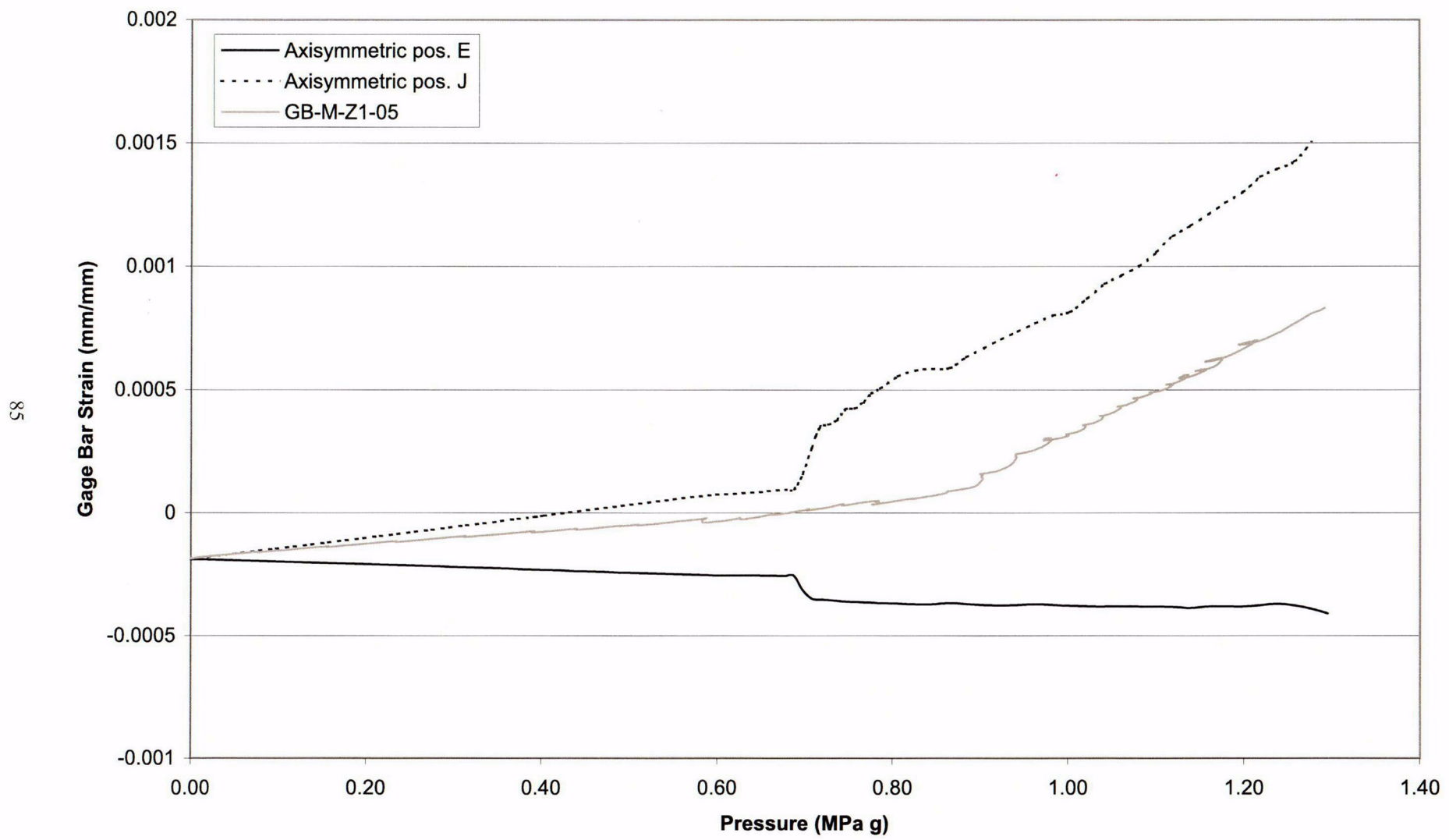


Figure 4-35. 1999 Pretest Analysis vs. LST at Wall Base Gage Bar Position E-J

C42



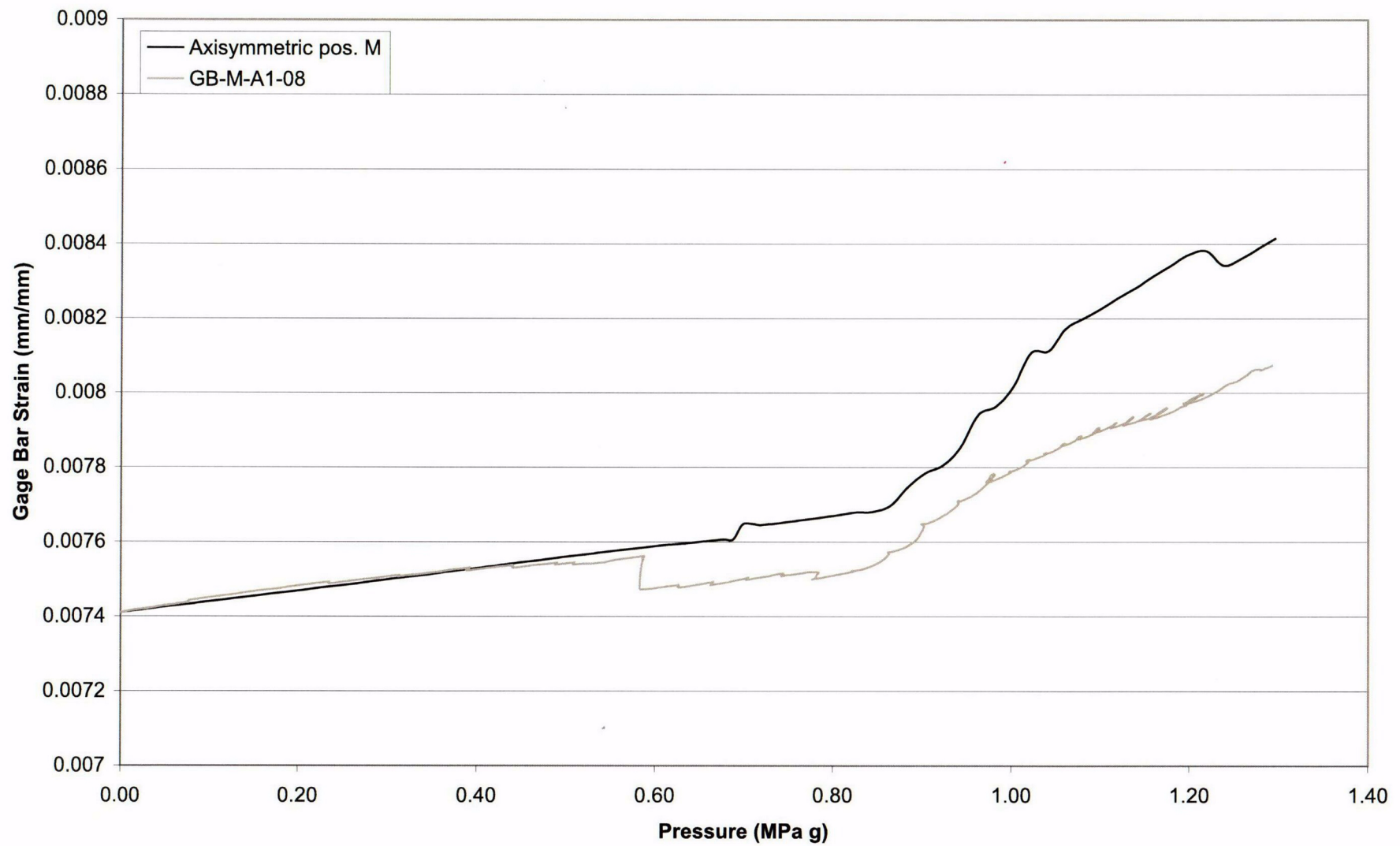


Figure 4-36. 1999 Pretest Analysis vs. LST at Wall Base Gage Bar Position M



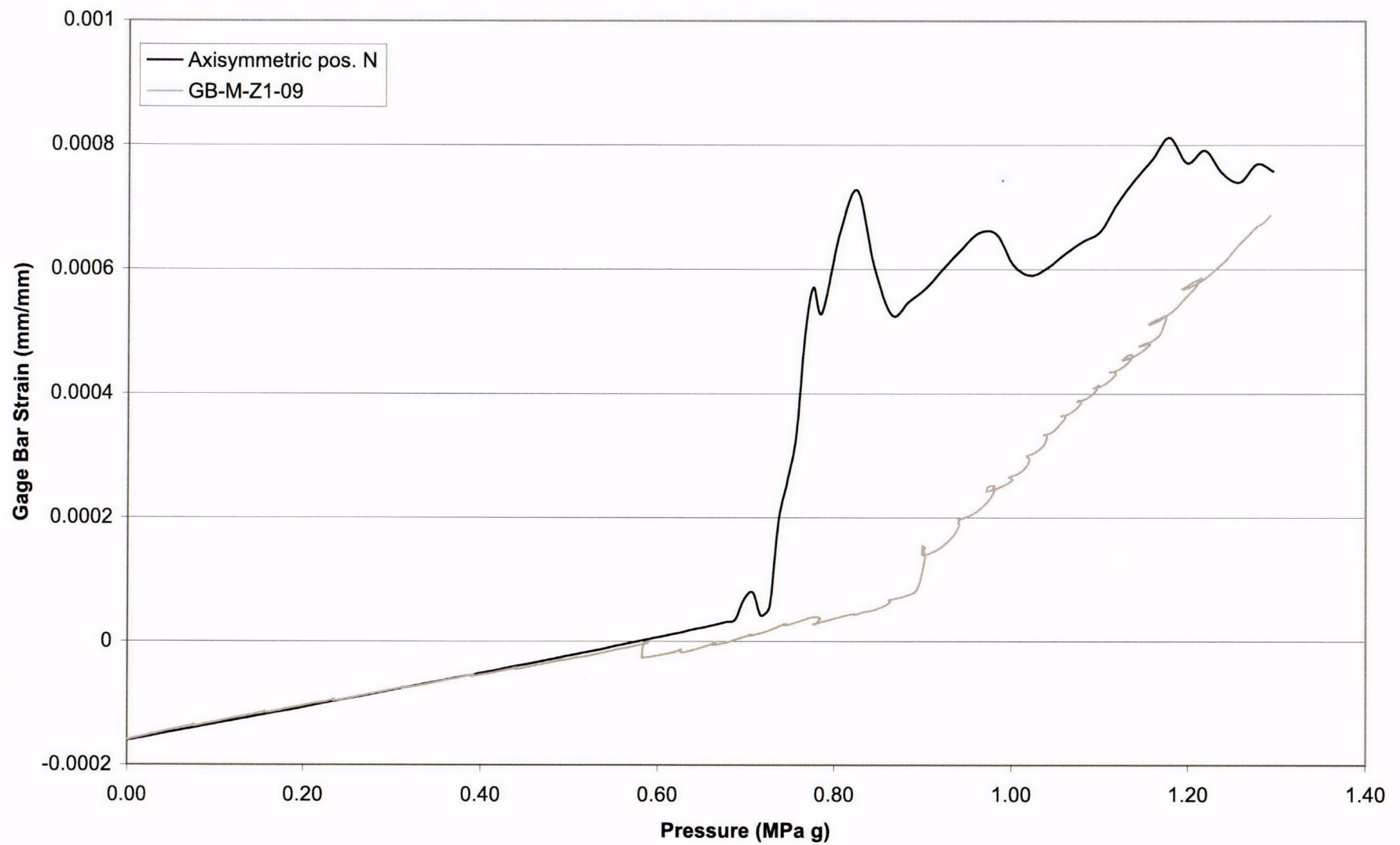


Figure 4-37. 1999 Pretest Analysis vs. LST at Wall Base Gage Bar Position N

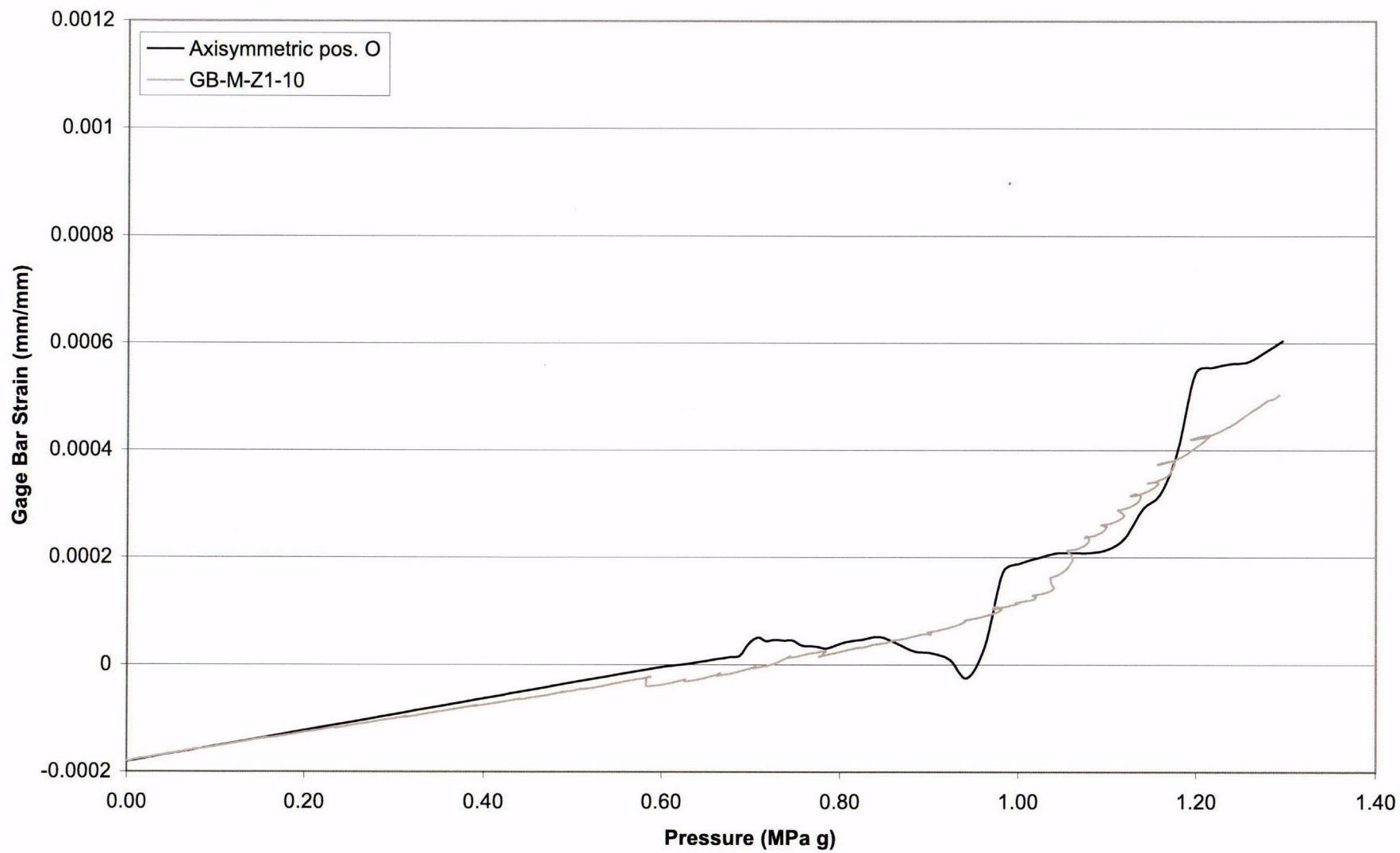


Figure 4-38. 1999 Pretest Analysis vs. LST at Wall Base Gage Bar Position O

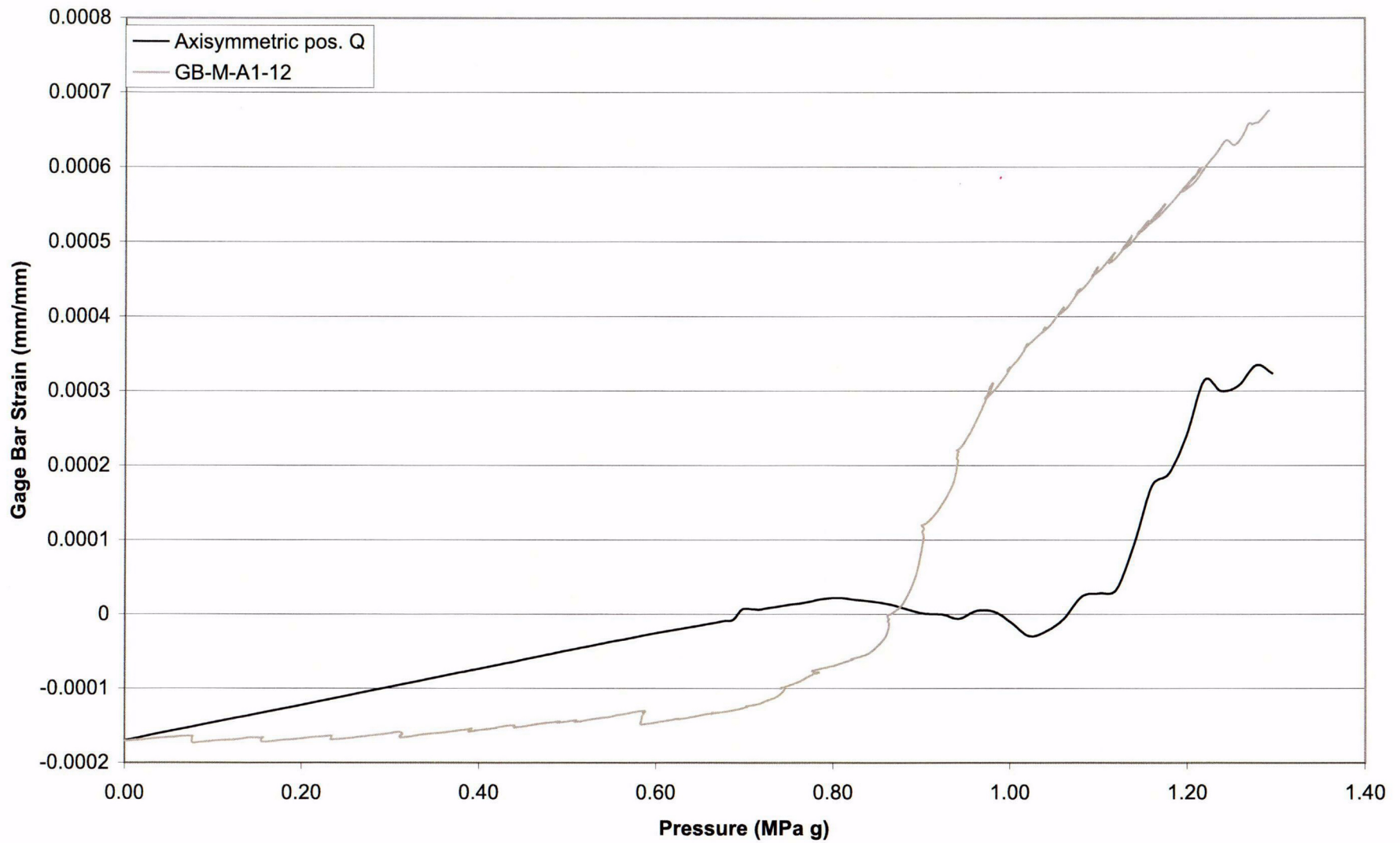


Figure 4-39. 1999 Pretest Analysis vs. LST at Wall Base Gage Bar Position Q

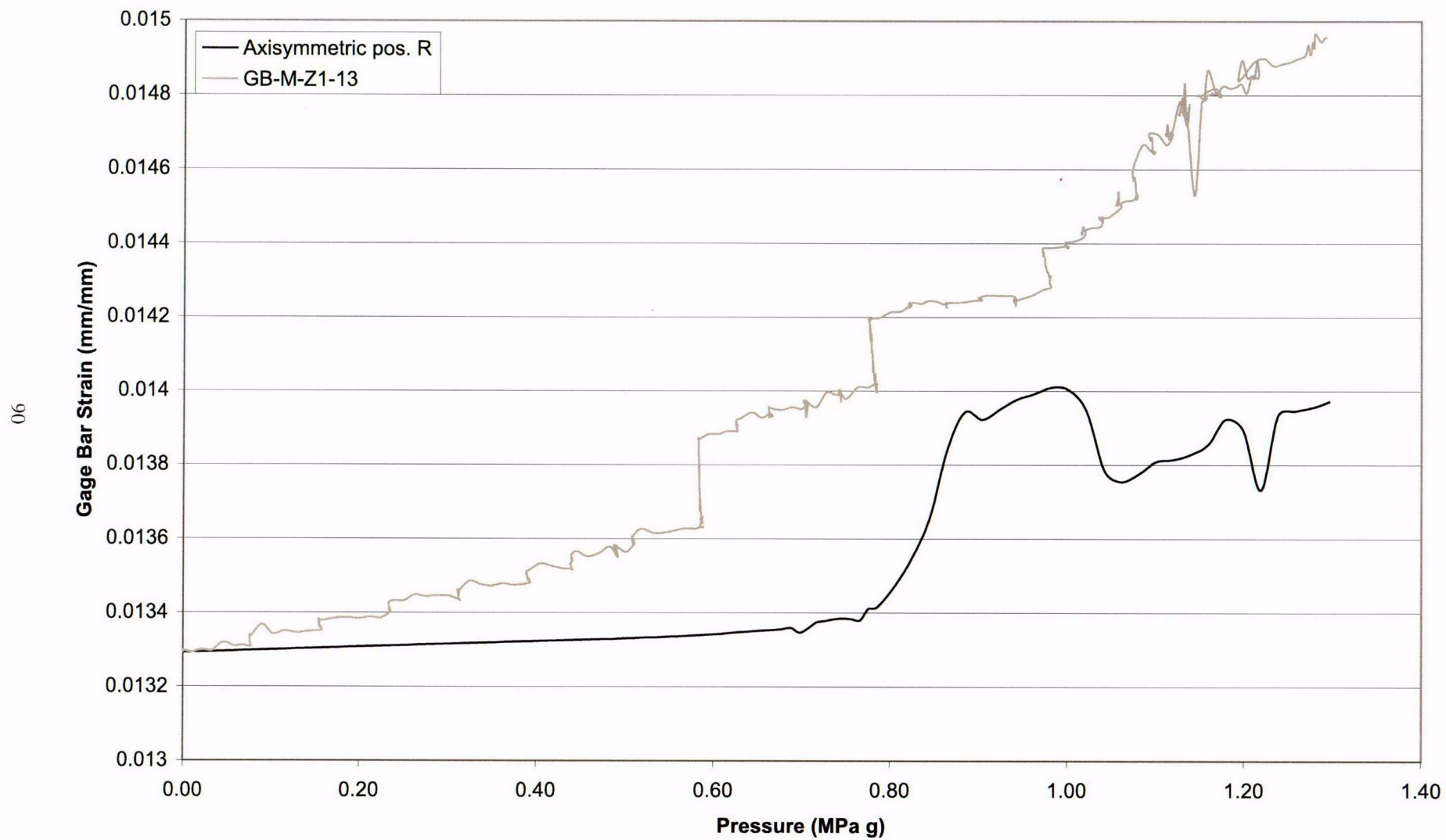


Figure 4-40. 1999 Pretest Analysis vs. LST at Wall Base Gage Bar Position R

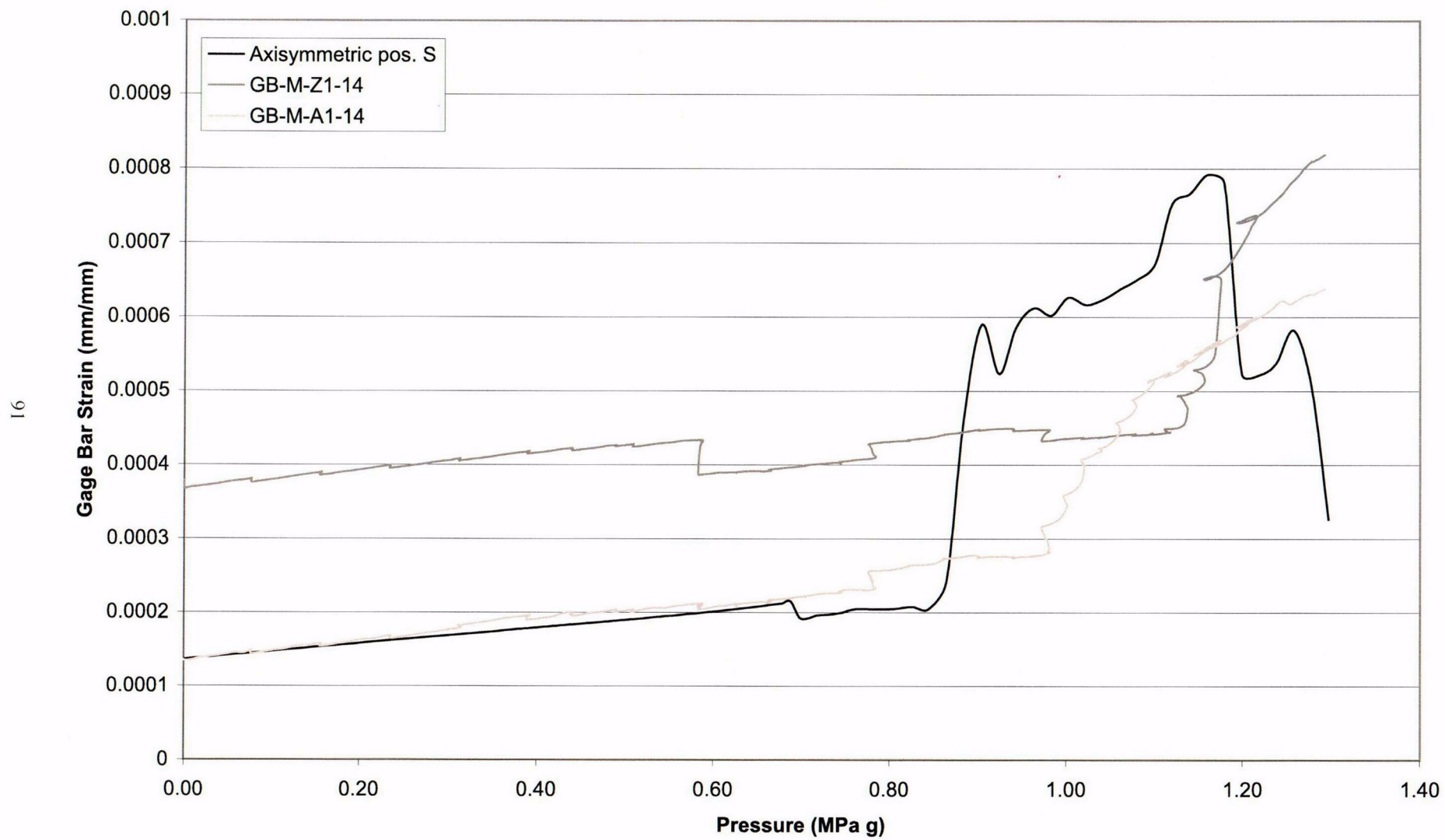


Figure 4-41. 1999 Pretest Analysis vs. LST at Wall Base Gage Bar Position S

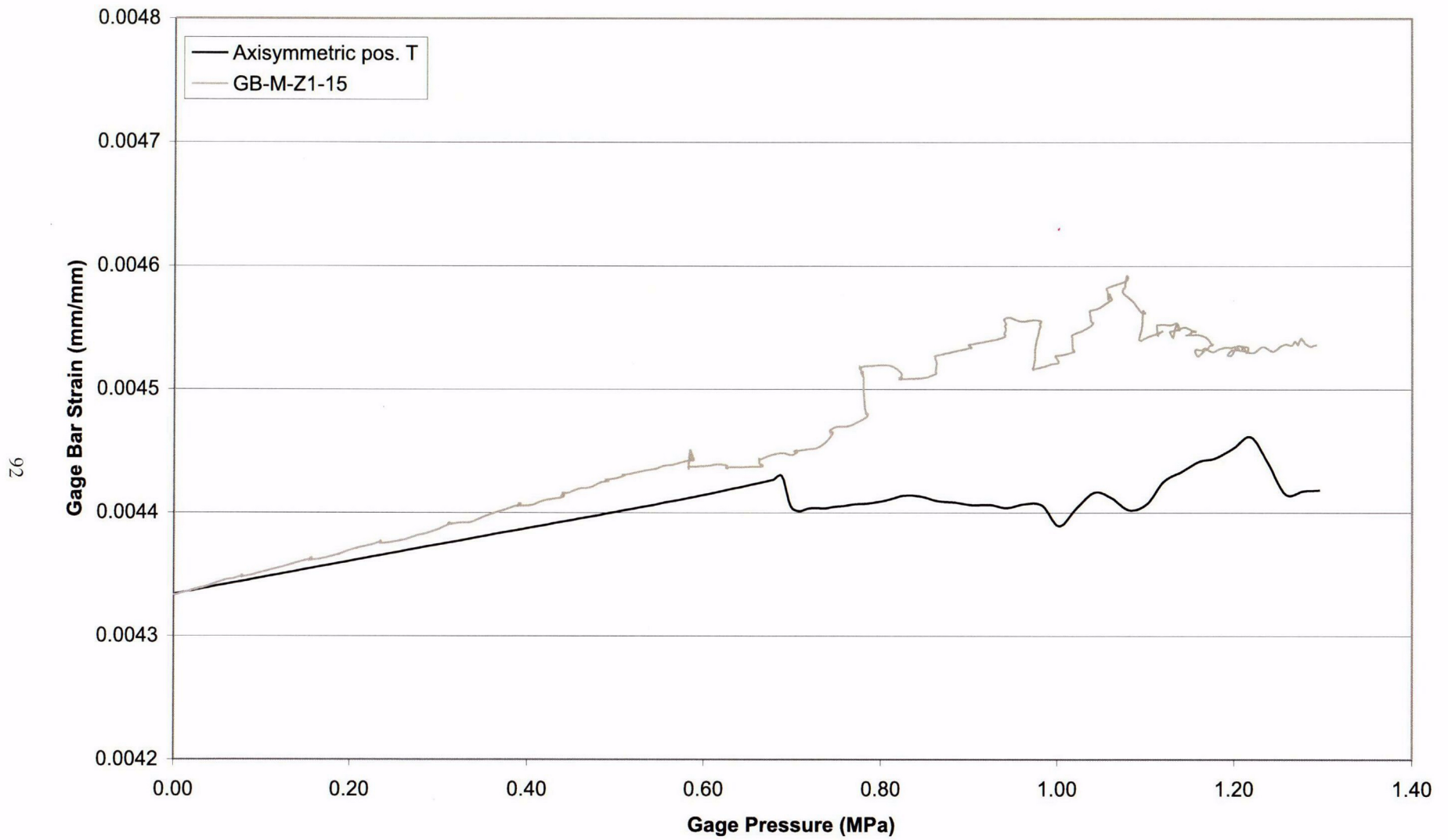


Figure 4-42. 1999 Pretest Analysis vs. LST at Wall Base Gage Bar Position T



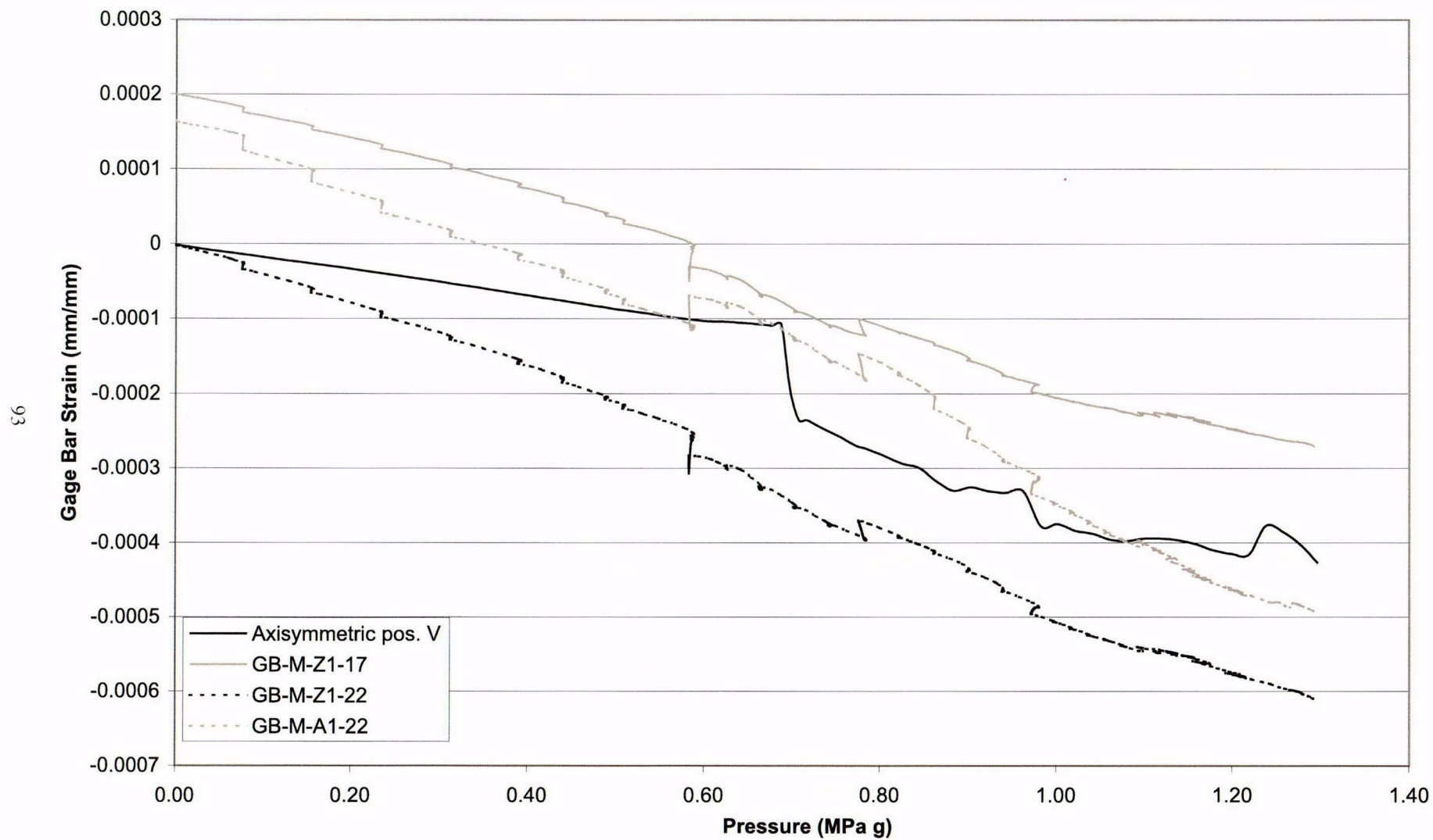


Figure 4-43. 1999 Pretest Analysis vs. LST at Wall Base Gage Bar Position V

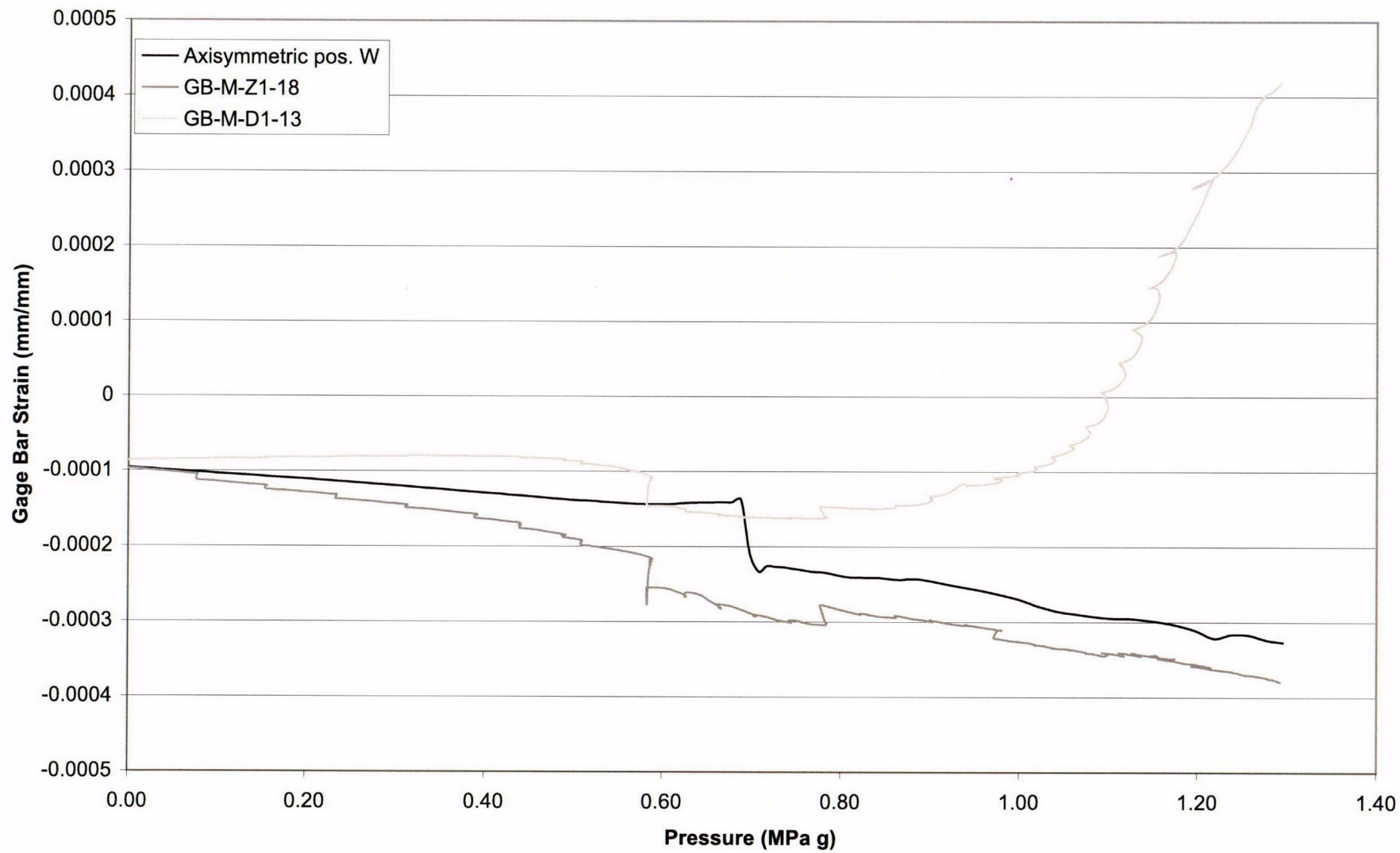


Figure 4-44. 1999 Pretest Analysis vs. LST at Wall Base Gage Bar Position W

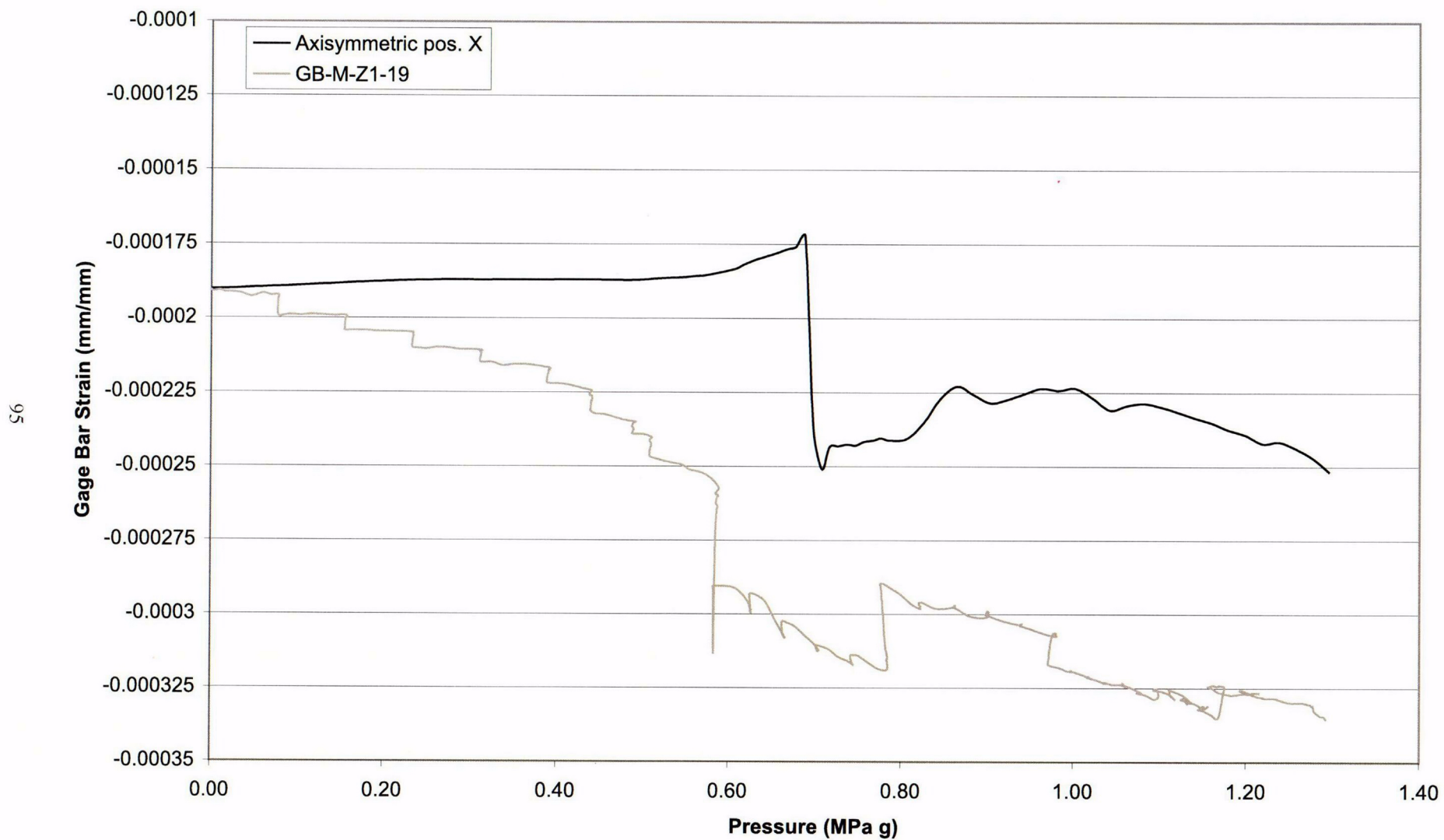


Figure 4-45. 1999 Pretest Analysis vs. LST at Wall Base Gage Bar Position X

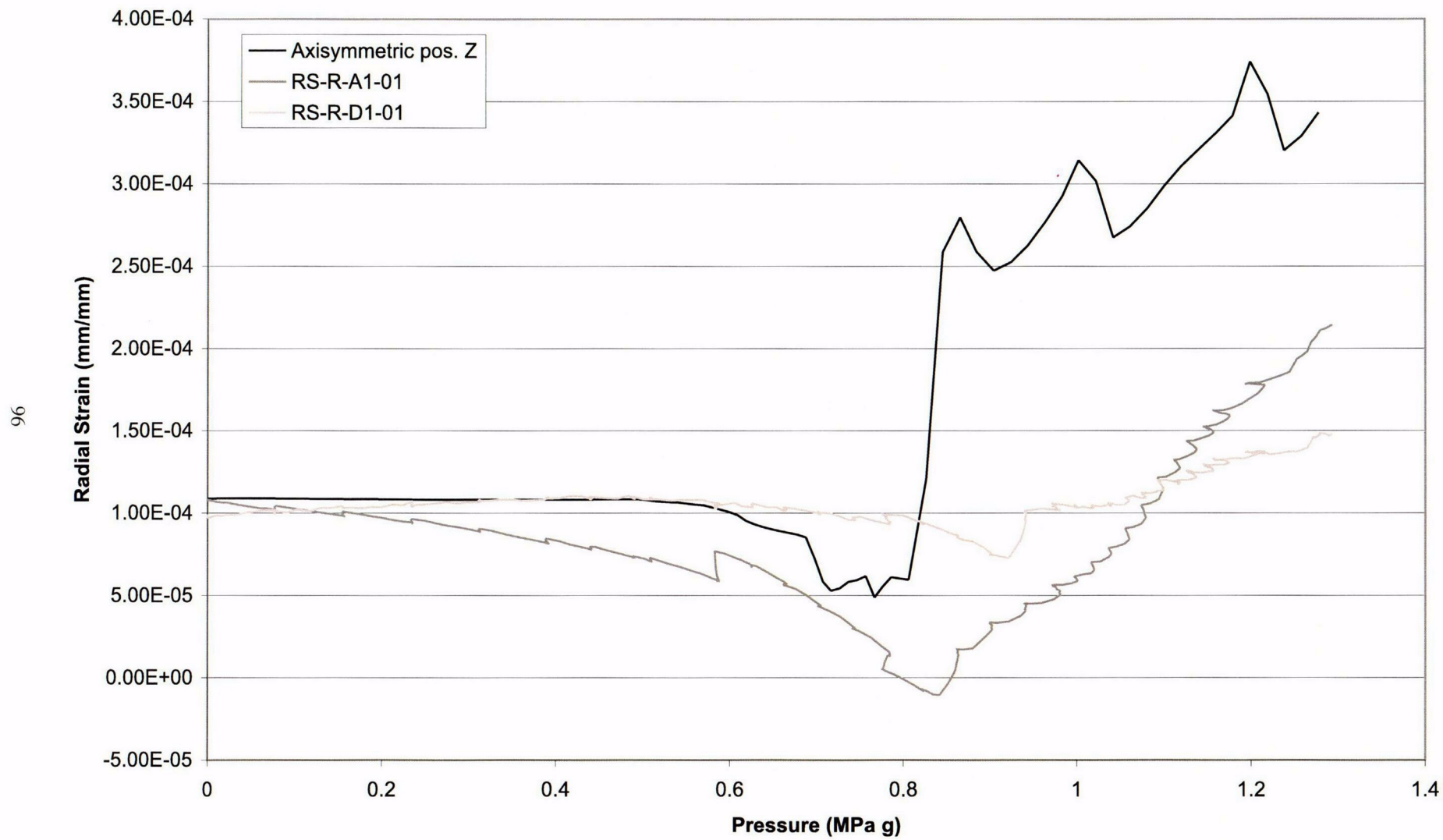


Figure 4-46. 1999 Pretest Analysis vs. LST at Wall Base Radial Stirrup Position Z

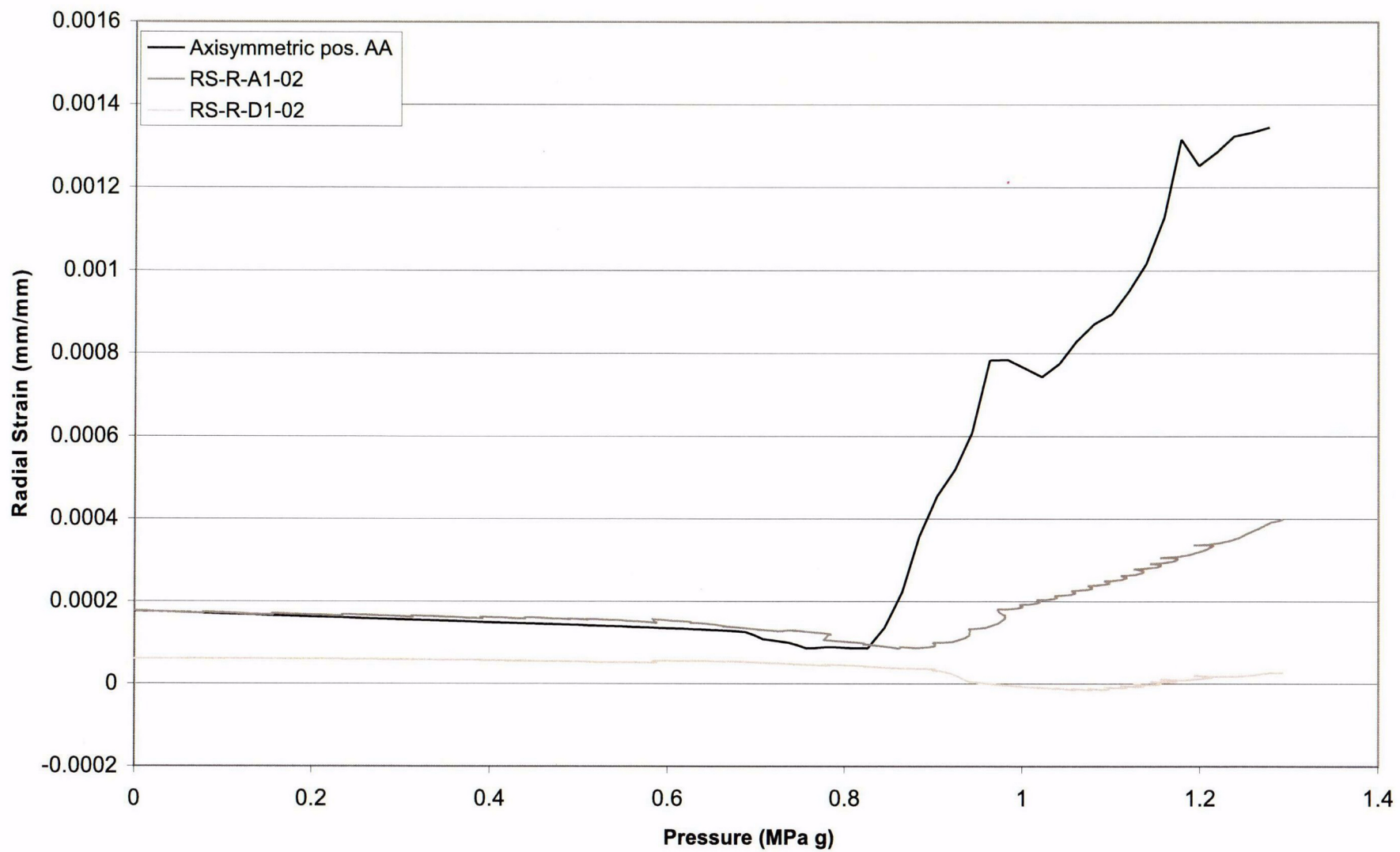


Figure 4-47. 1999 Pretest Analysis vs. LST at Wall Base Radial Stirrup Position AA



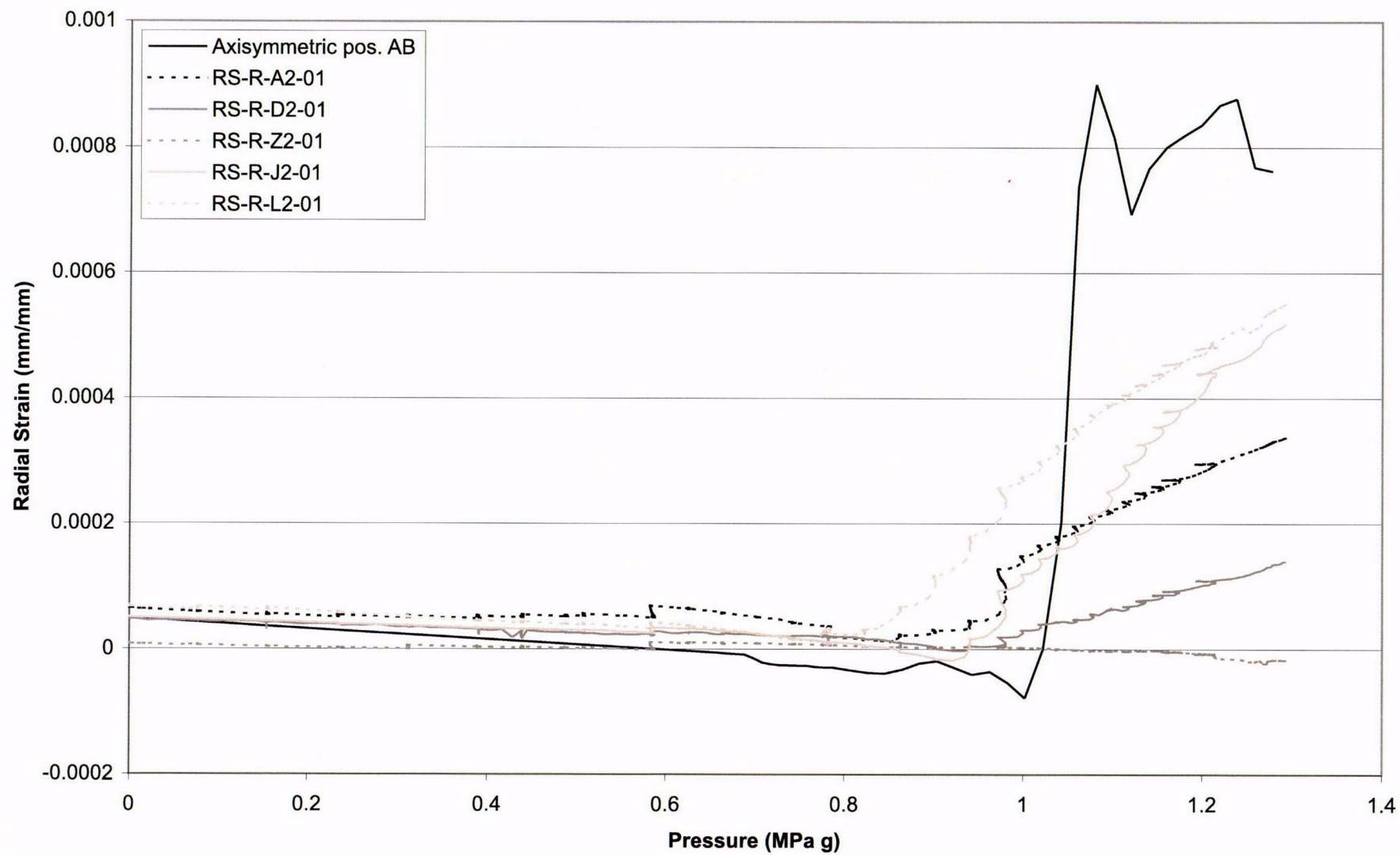


Figure 4-48. 1999 Pretest Analysis vs. LST at Wall Base Radial Stirrup Position AB



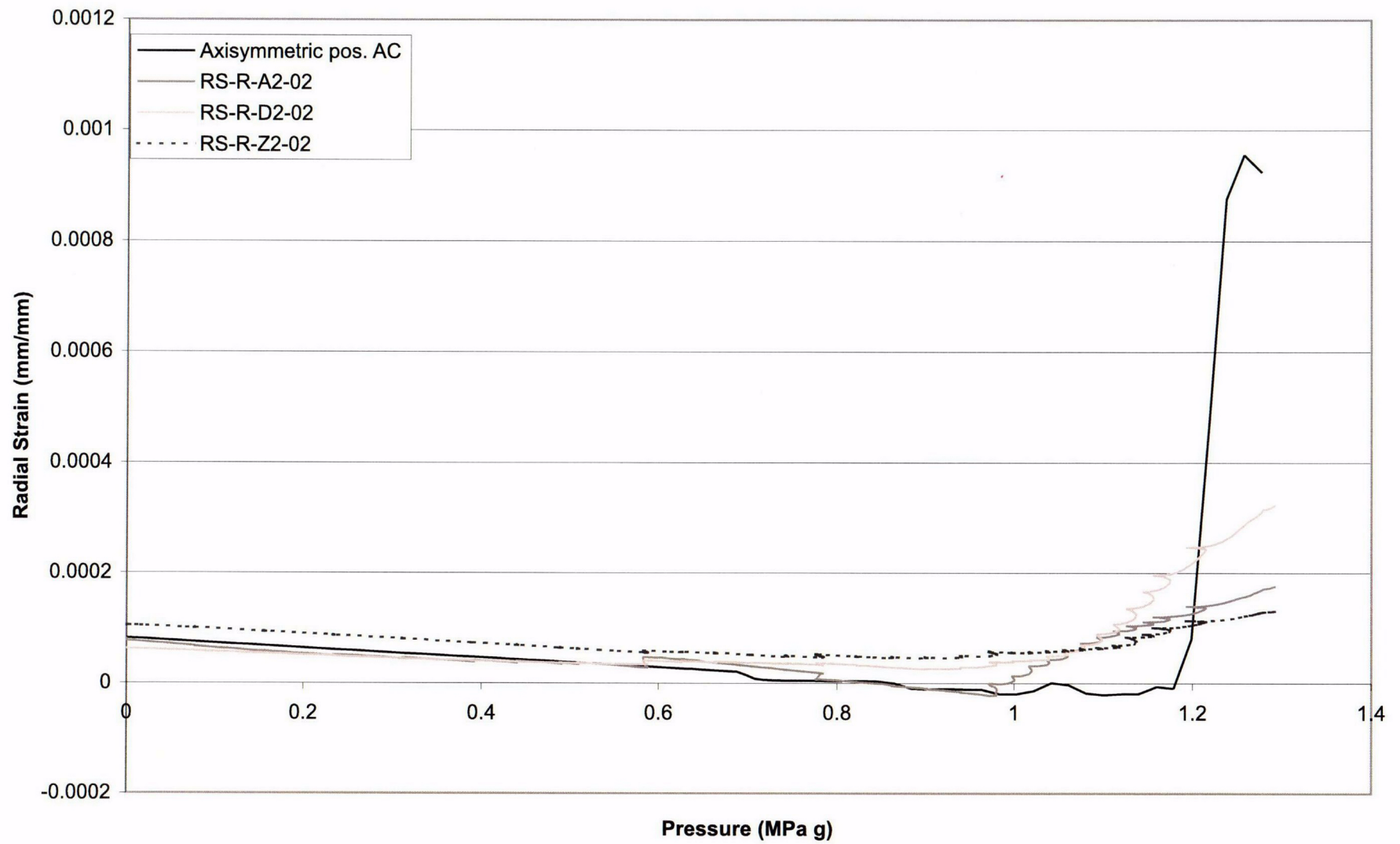


Figure 4-49. 1999 Pretest Analysis vs. LST at Wall Base Radial Stirrup Position AC

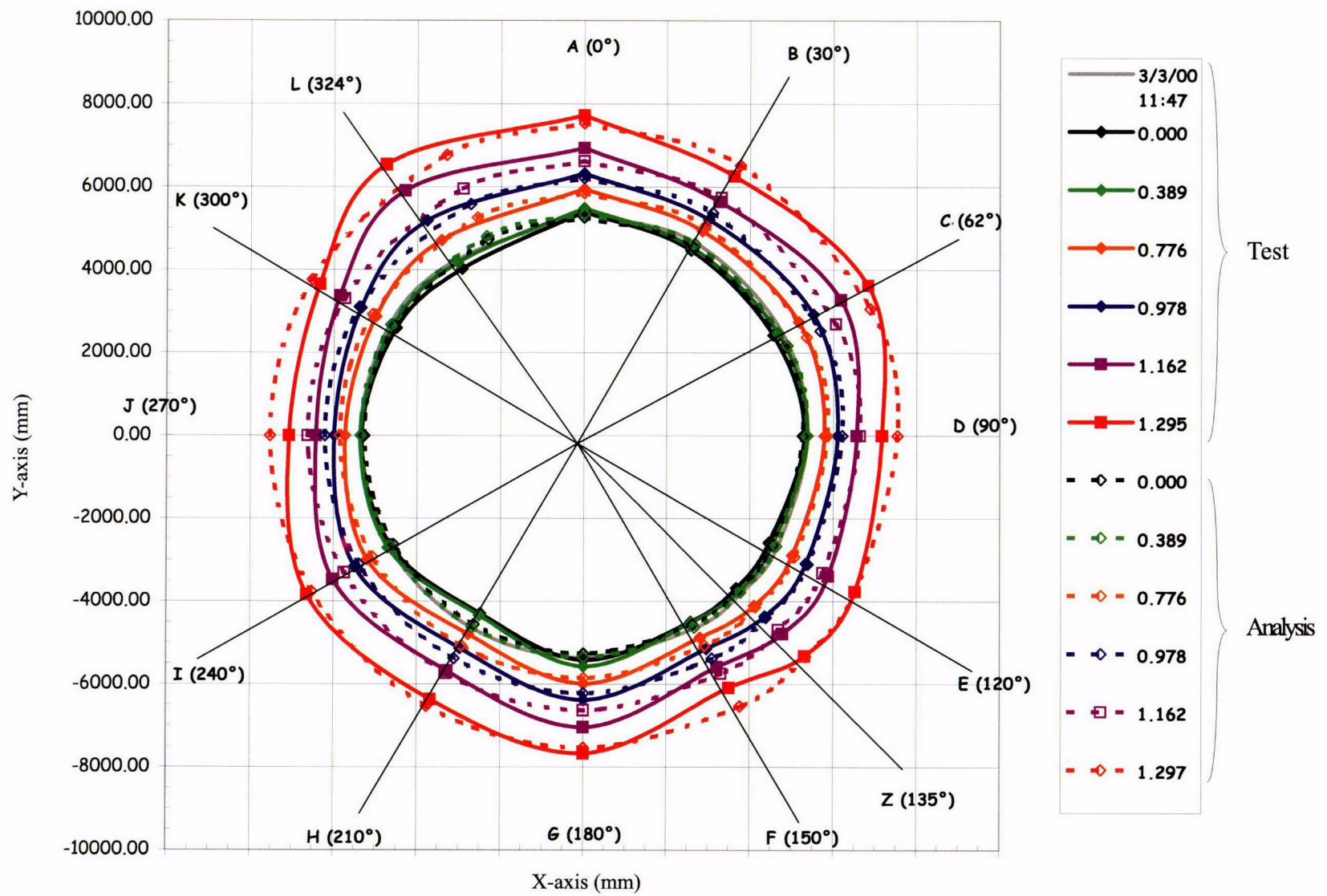


Figure 4-50. PCCV LST - Deformation @ El 4680 (5) × 100  
Compared to Axisymmetric Pretest Analysis

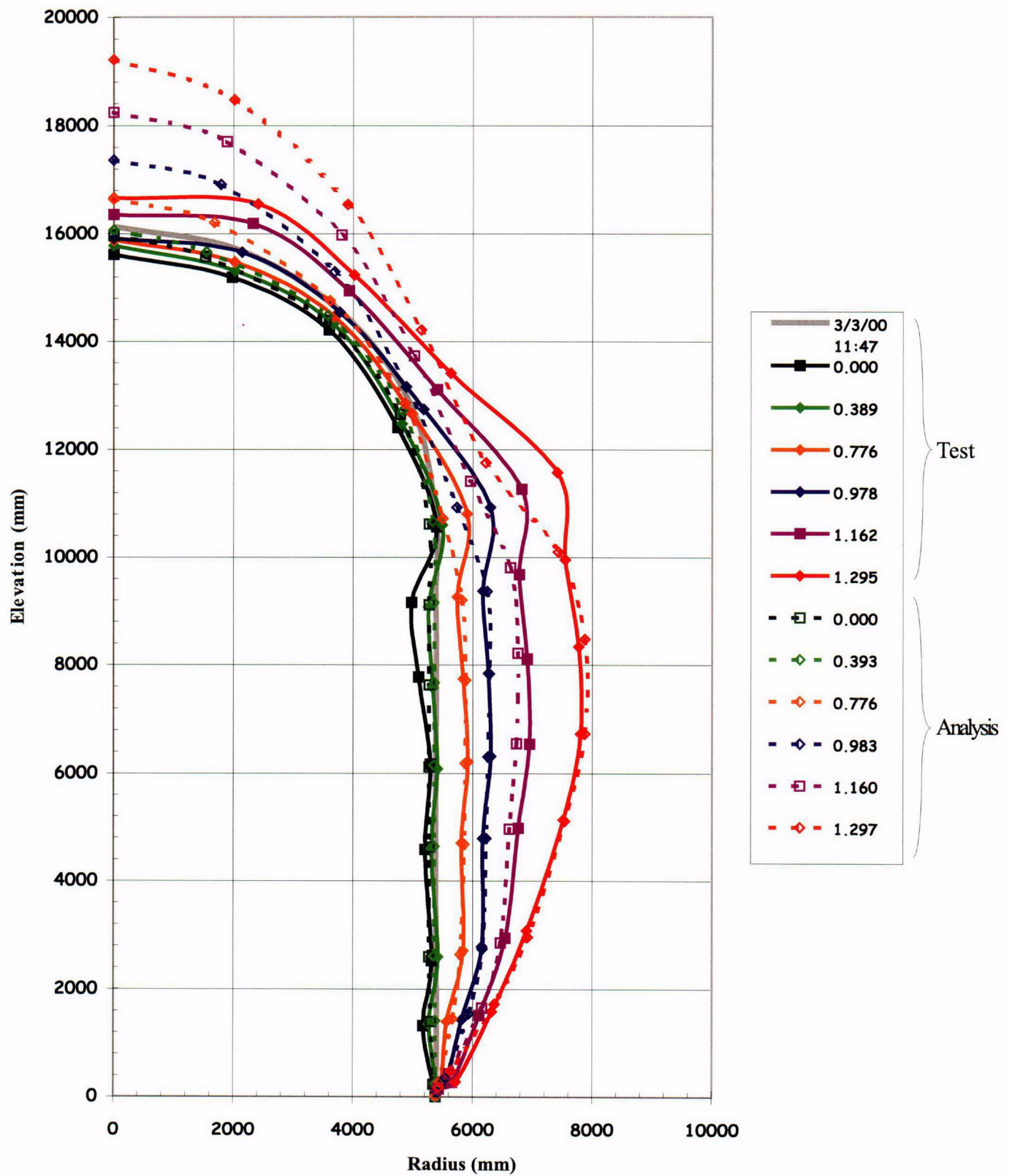


Figure 4-51. PCCV LST - Deformation @ Azimuth 135 (Z) × 100  
Compared to Axisymmetric Pretest Analysis



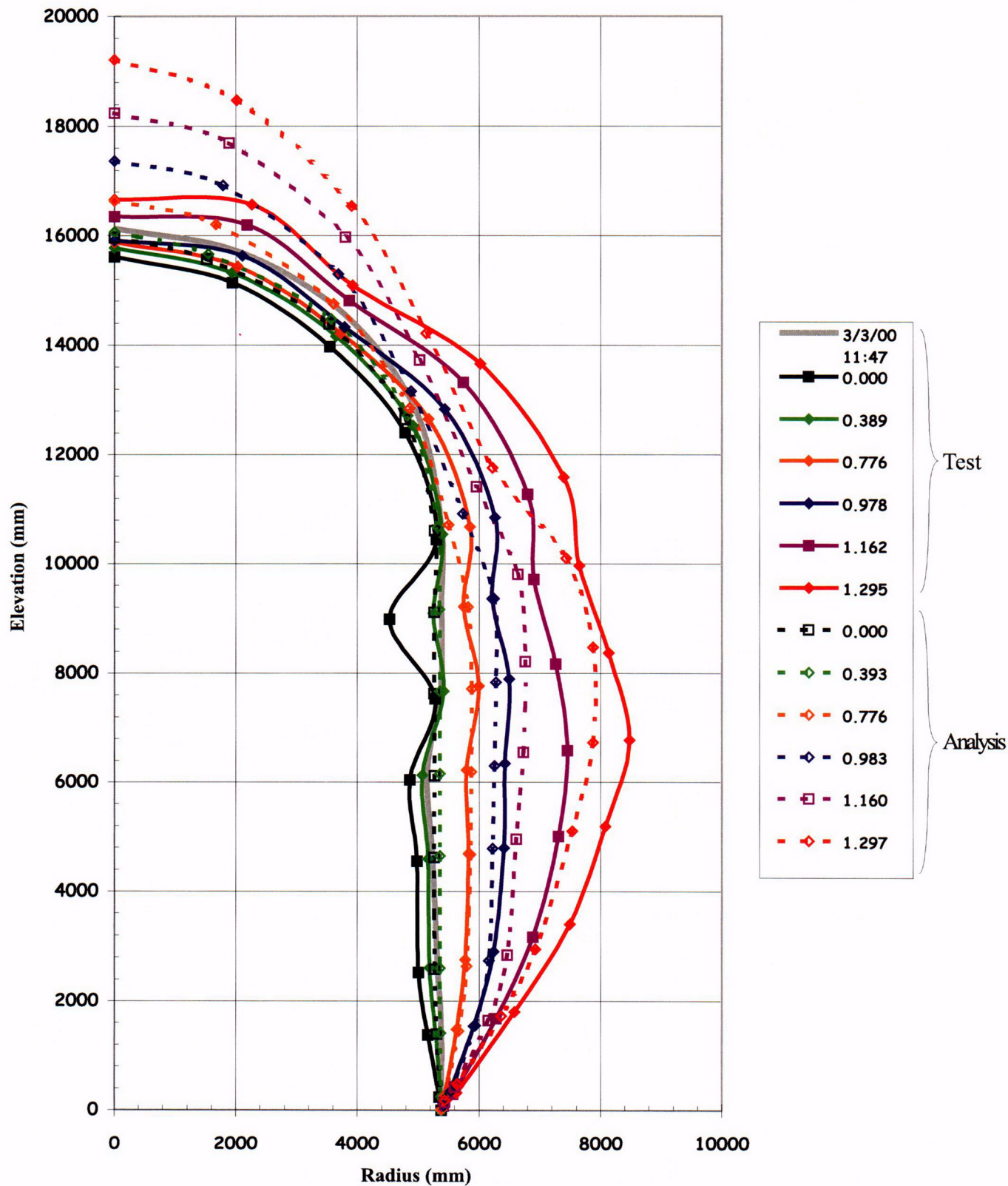


Figure 4-52. PCCV LST - Deformation @ Azimuth 324 (L) × 100  
Compared to Axisymmetric Pretest Analysis

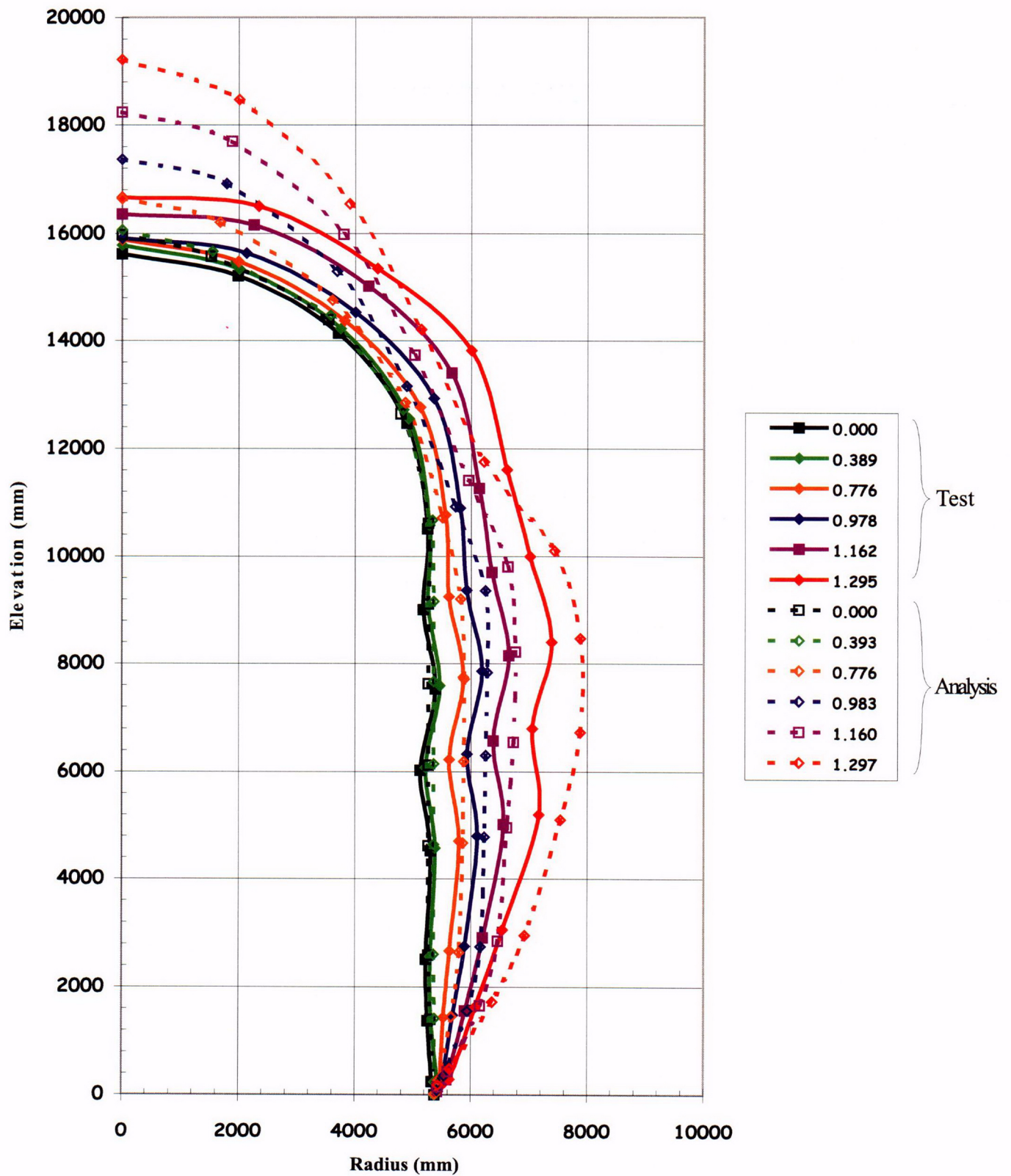


Figure 4-53. PCCV LST - Deformation @ Azimuth 90 (D)  $\times$  100  
Compared to Axisymmetric Pretest Analysis



