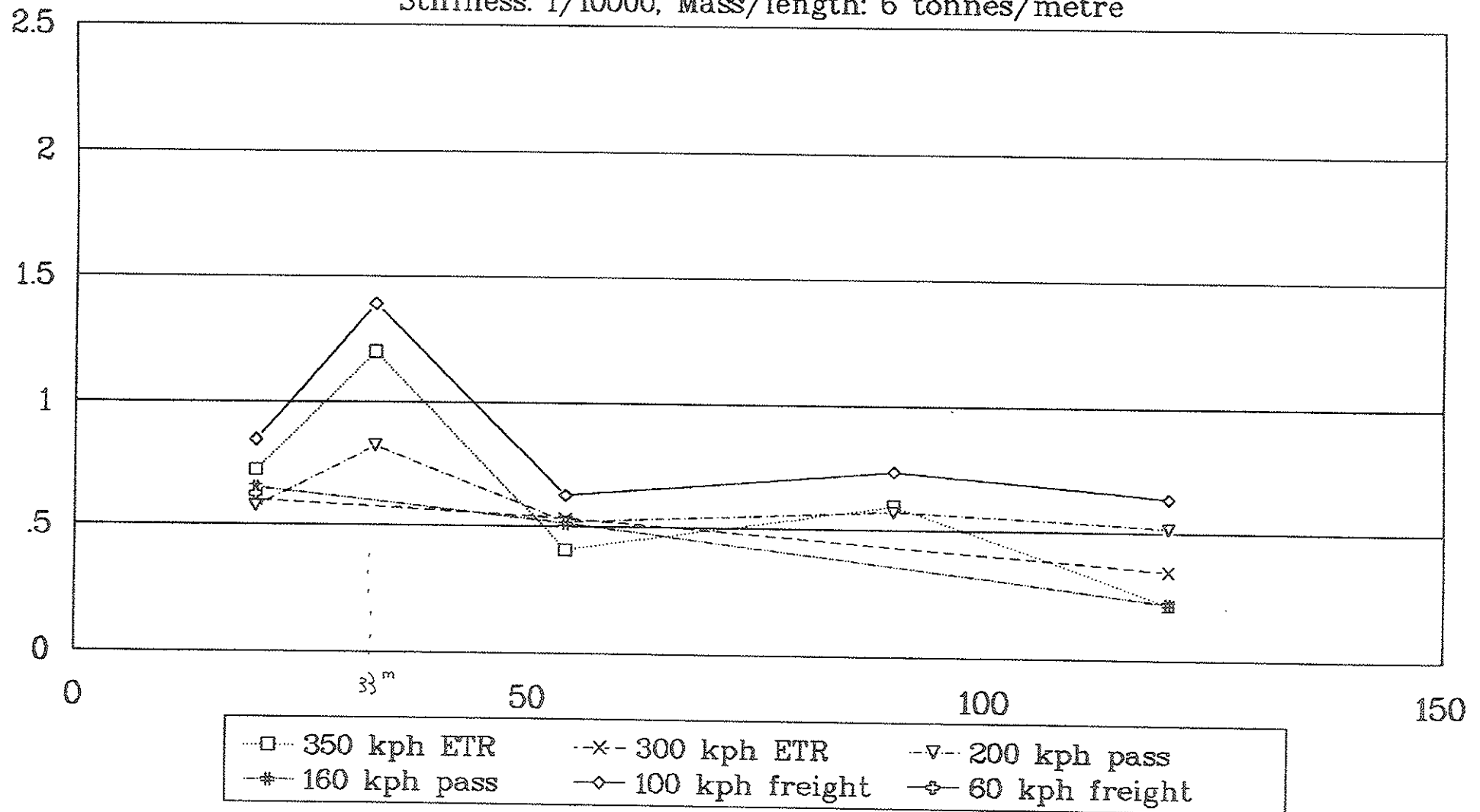Peak values, for varying span:
Lat acceleration of bridge @ mid span (m/s2)
Stiffness: 1/10000, Mass/length: 6 tonnes/metre

Legend:
- ···□··· 350 kph ETR
- ··×·· 300 kph ETR
- ··▽·· 200 kph pass
- ··∗·· 160 kph pass
- ··◇·· 100 kph freight
- ··◇·· 60 kph freight

ERRI D181 Parameter Study
British Rail Research. Ref: DJ/82879/D001
Figure C16: Original Figure 5 From Initial Phase [1] (x axis rescaled)