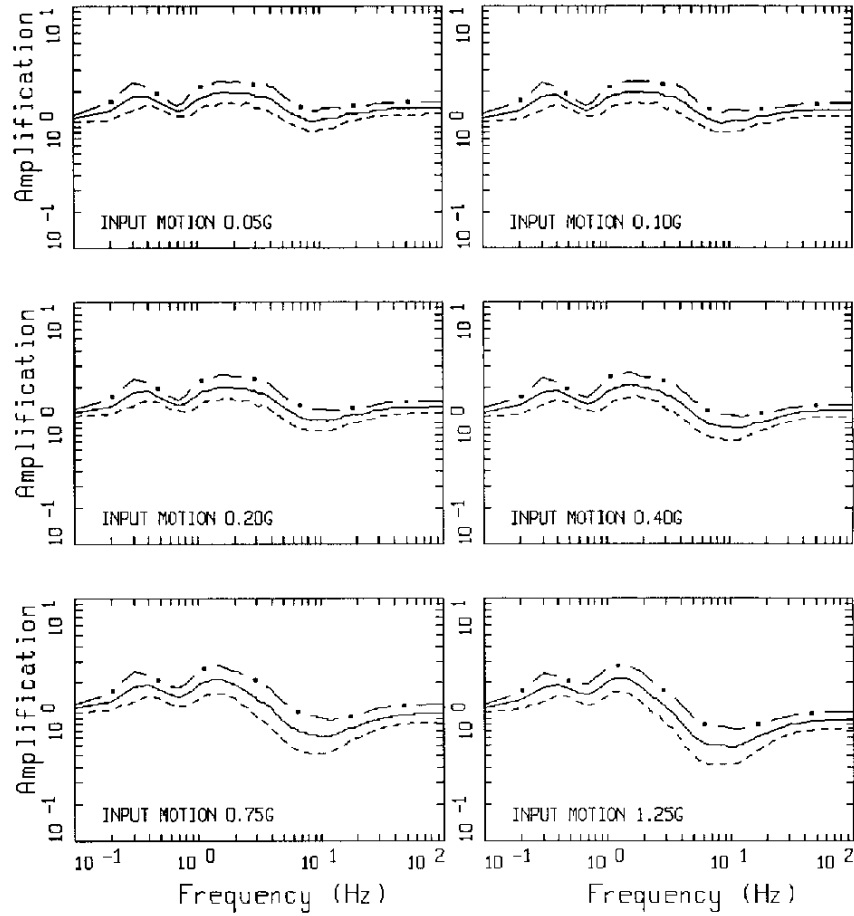
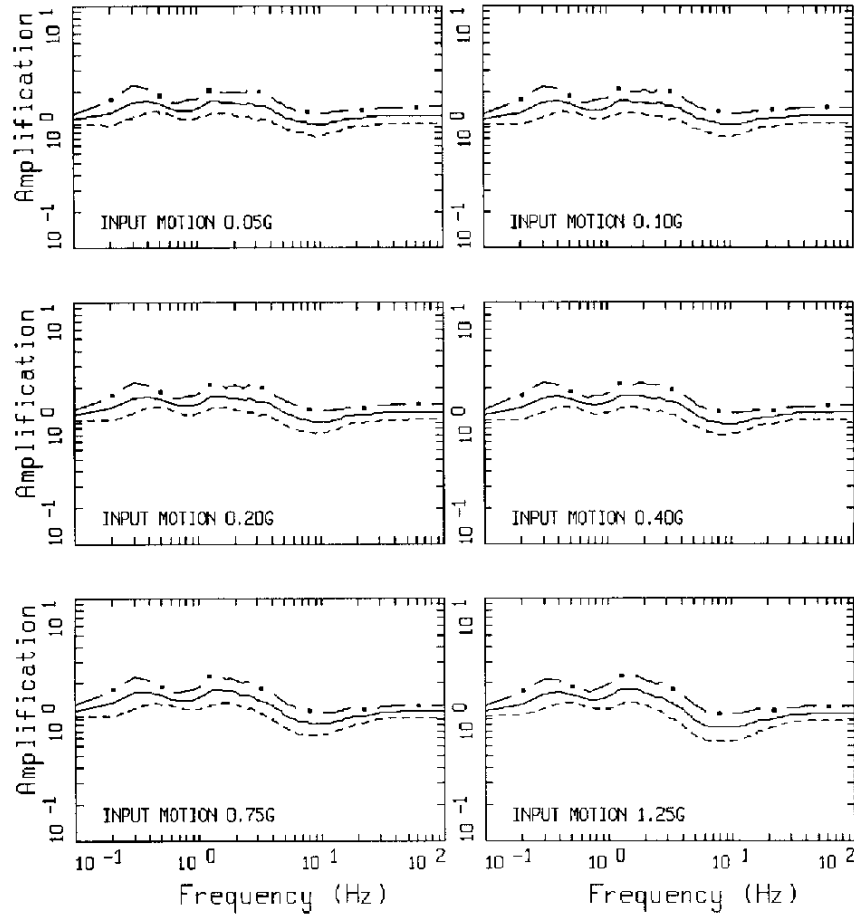


## **APPENDIX B**

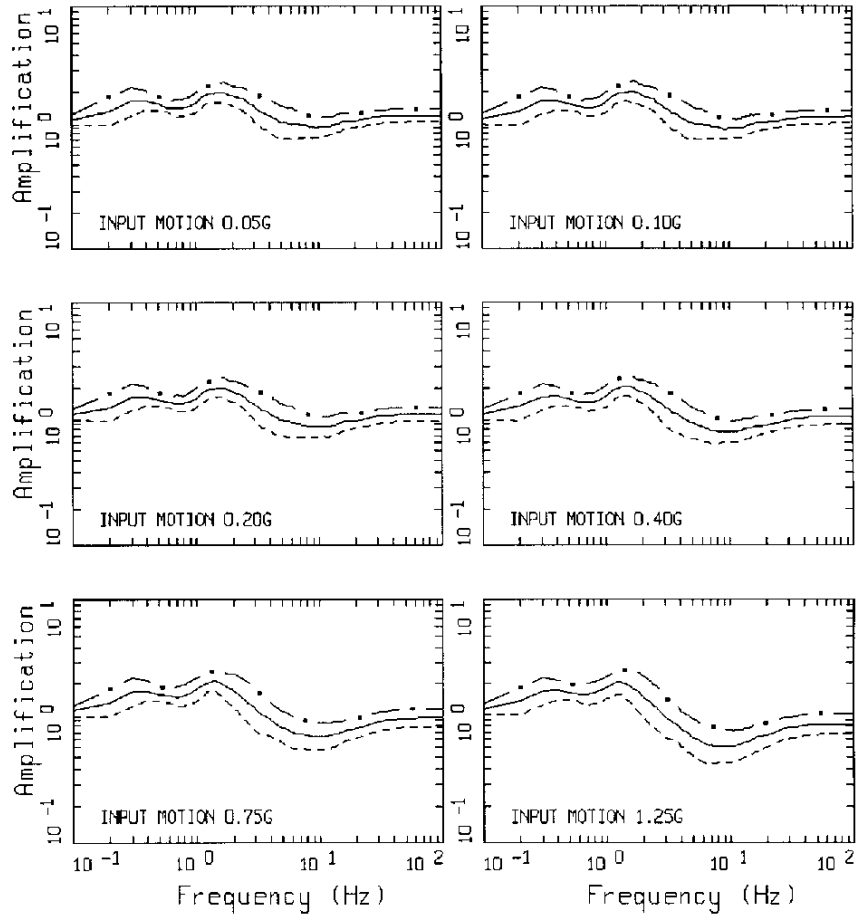
Amplification Factors (5% damped response spectra)  
For The Los Angeles Area Based on Surface Geology:  $T_s$ ,  
Saugus ( $T_s$ ),  $QT_s$  ( $Q_o + T_s$ ),  $Q_o$ , and  $Q_y$  (Table 1).



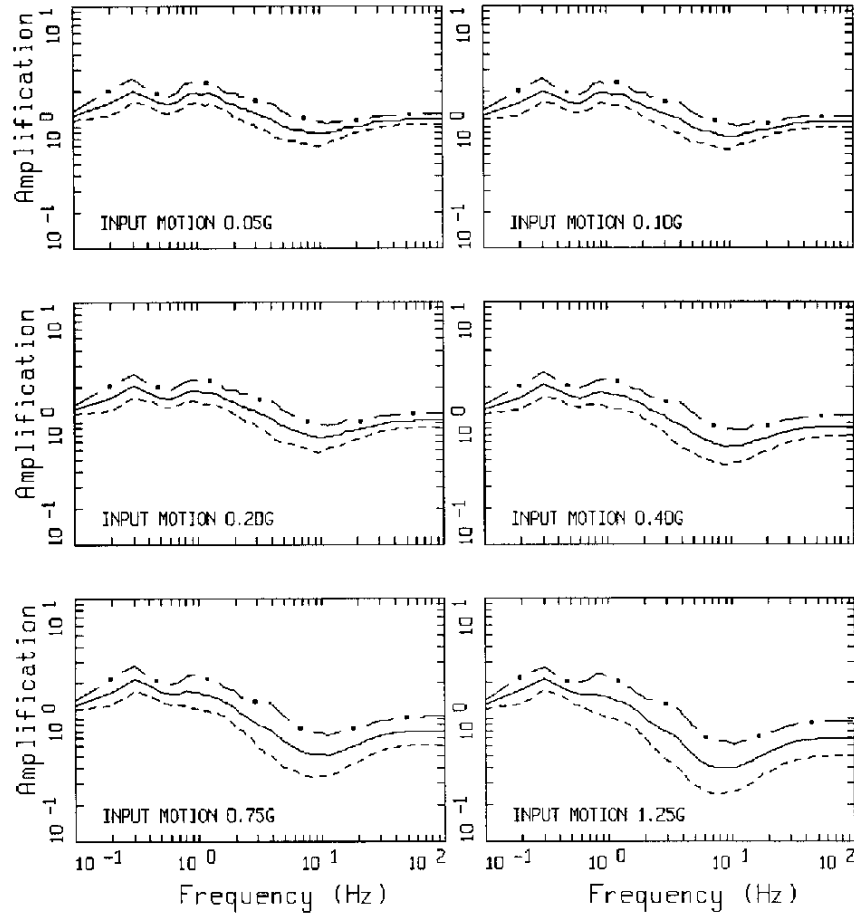
LA AMPLIFICATION  
Ts



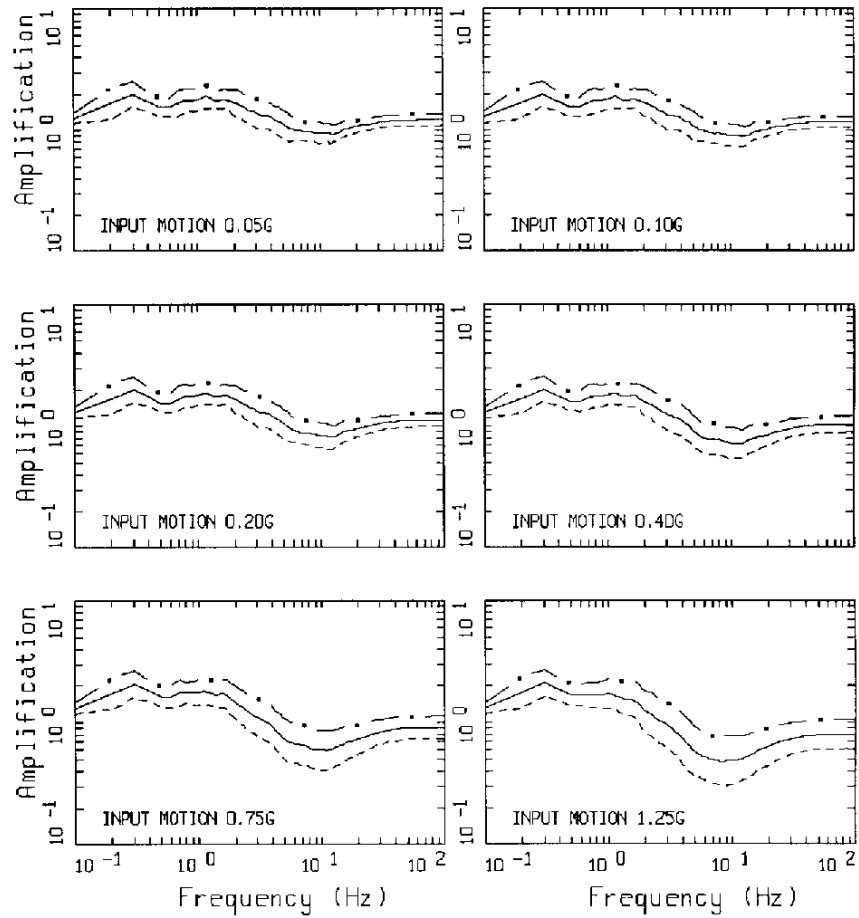
LA AMPLIFICATION  
 Saugus (Ts) (30 - 150 ft)



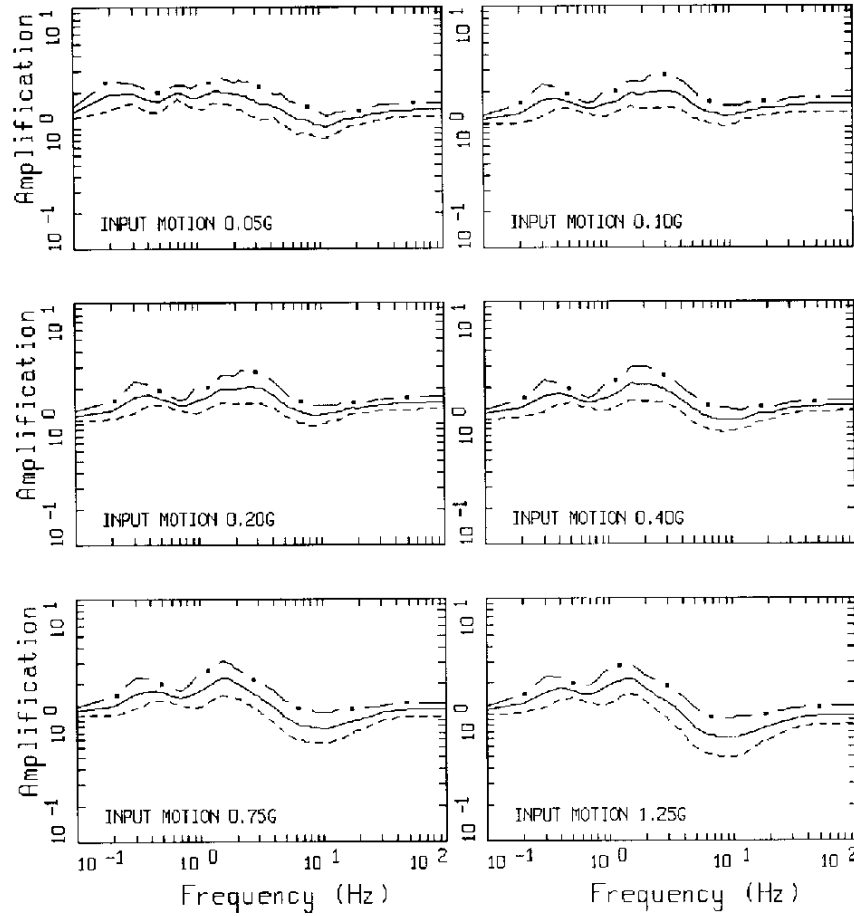
LA AMPLIFICATION  
 Saugus (Ts) (150 - 350 ft)



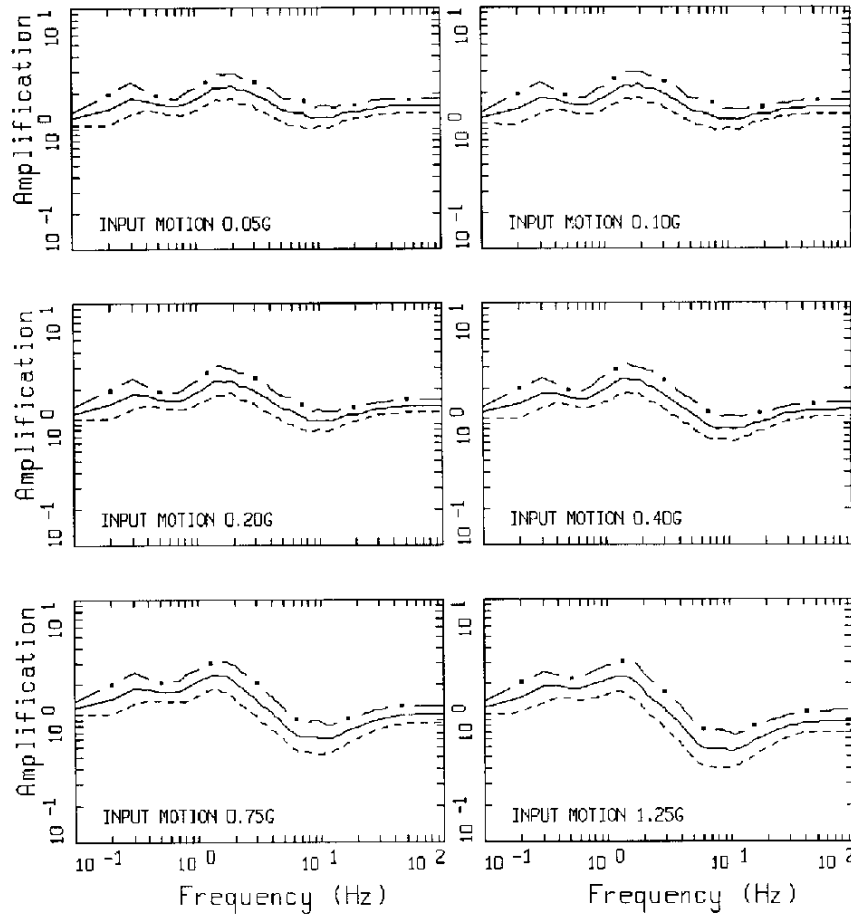
LA AMPLIFICATION  
 Saugus (Ts) (350 - 650 ft)



LA AMPLIFICATION  
 Saugus (Ts) (30 - 1000 ft)

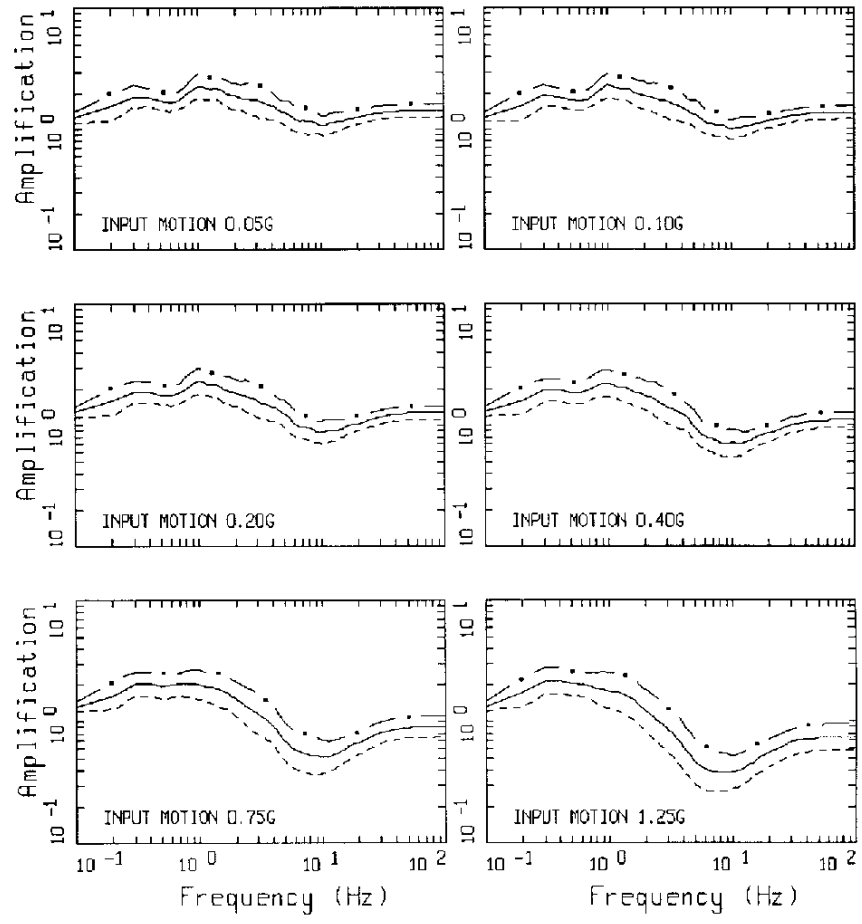


LA AMPLIFICATION  
 $Q_0 + T_s$  (30 - 150 ft)

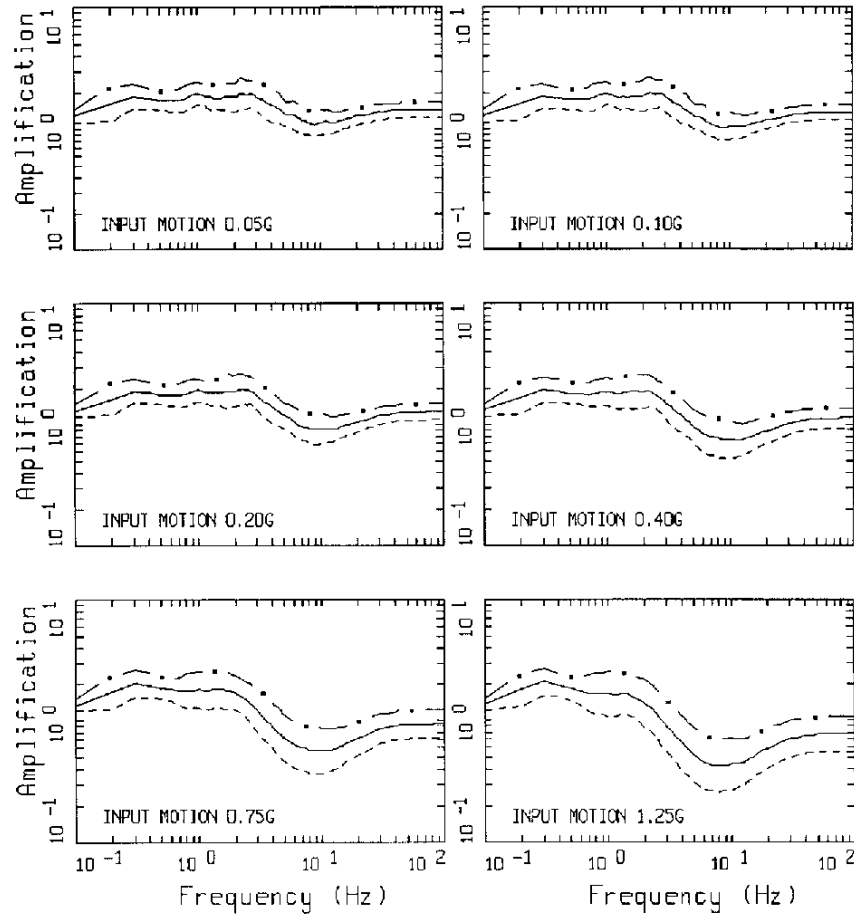


LA AMPLIFICATION  
 $Q_0 + T_s$  (150 - 350 ft)

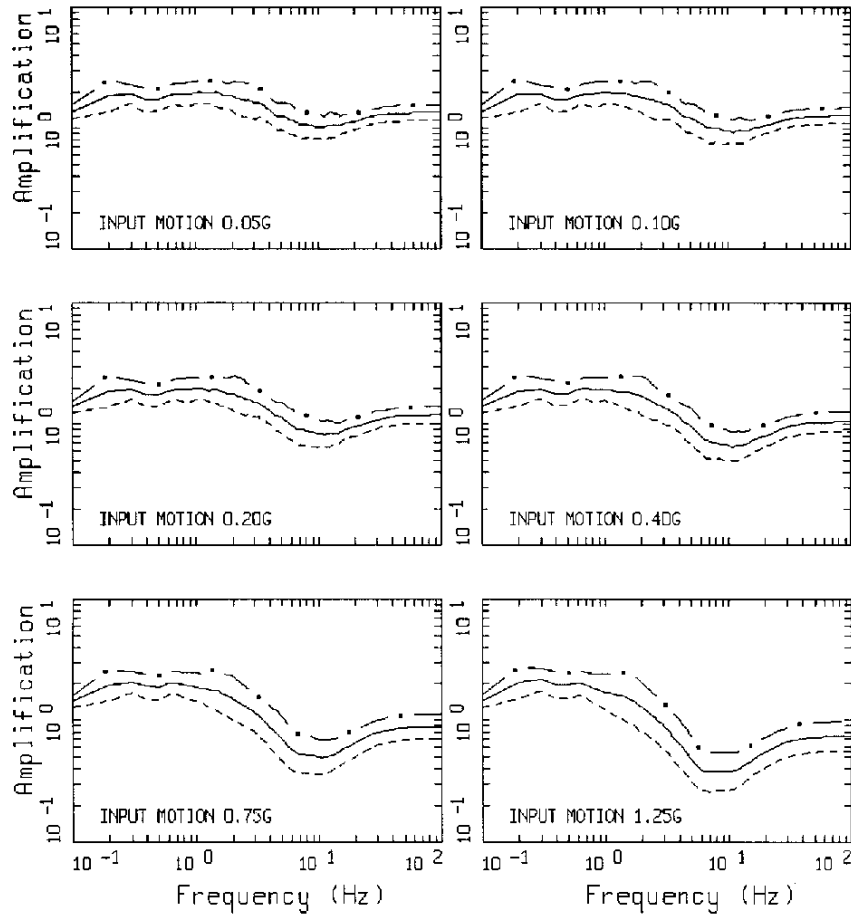




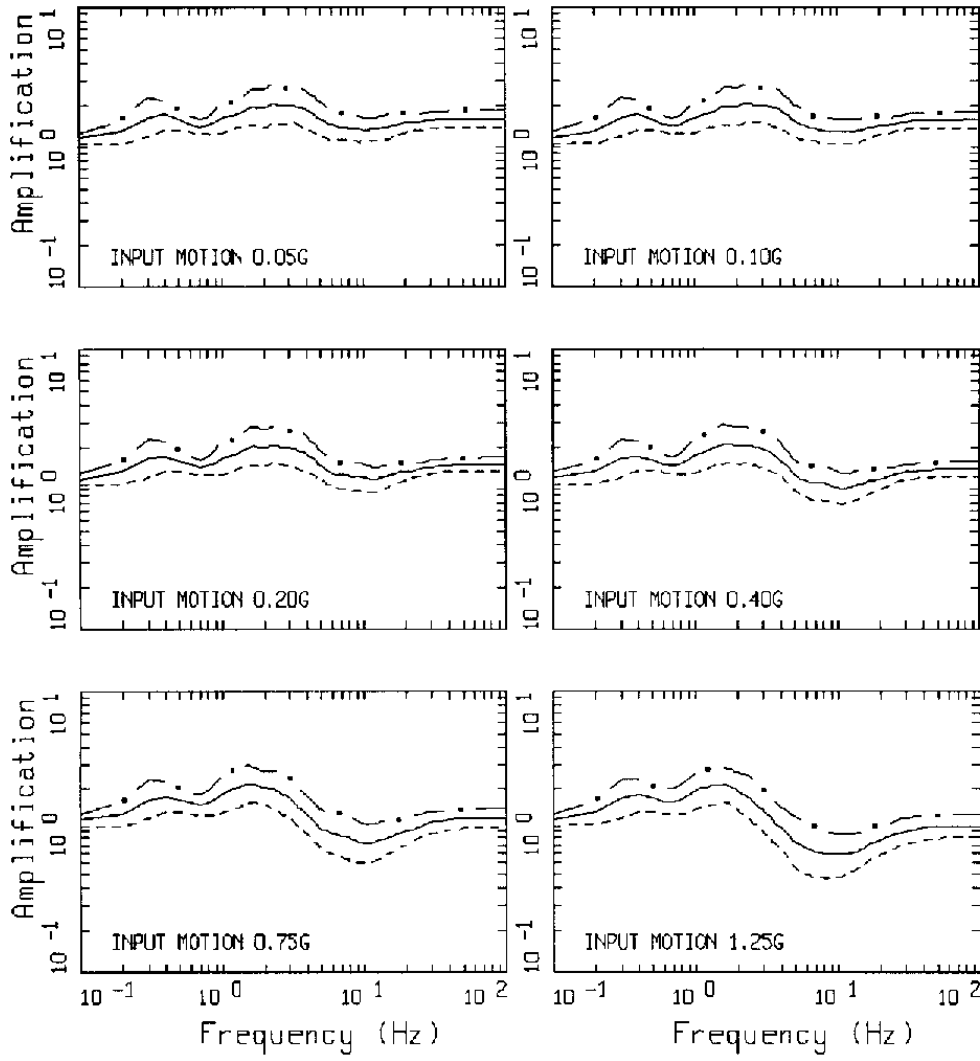
LA AMPLIFICATION  
 $Q_0 + T_s$  (350 - 650 ft)



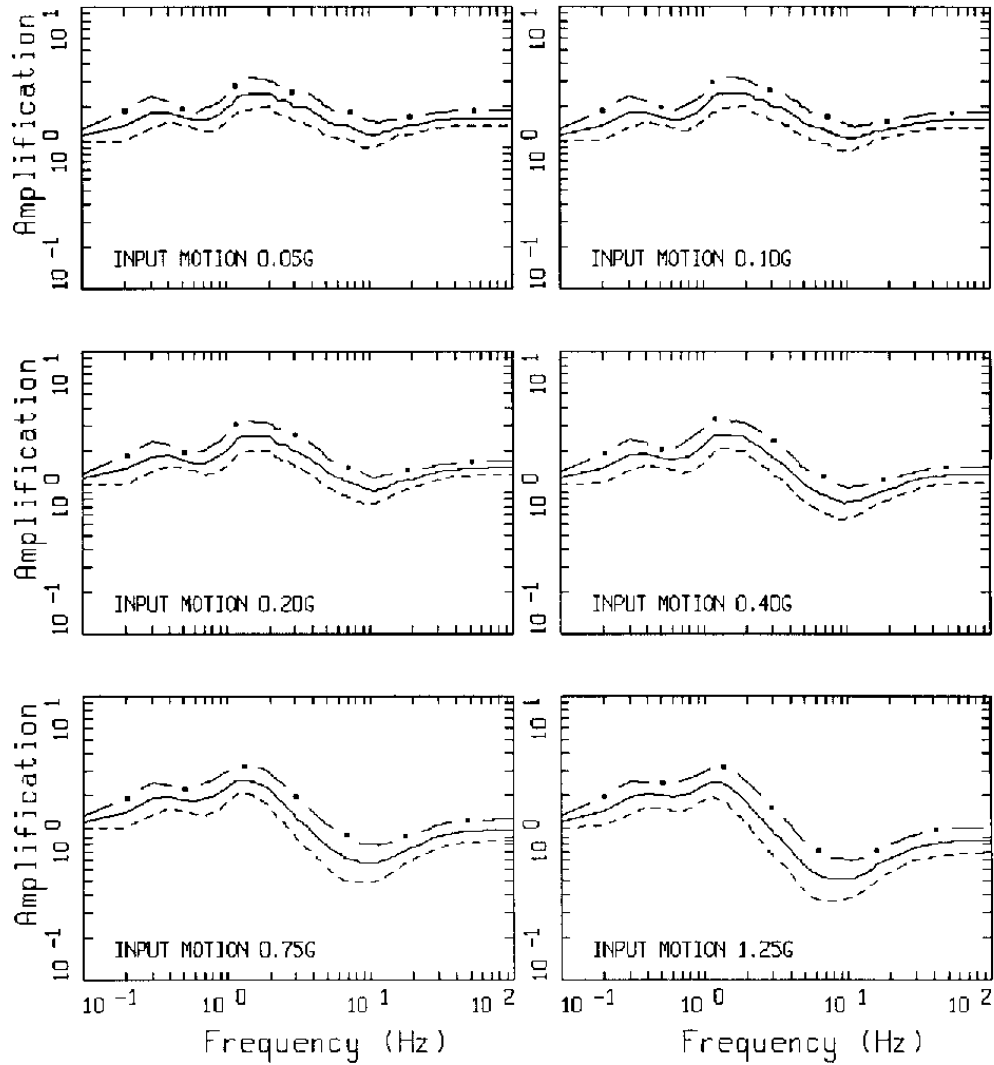
LA AMPLIFICATION  
 $Q_0 + T_s$  (30 - 1000 ft)



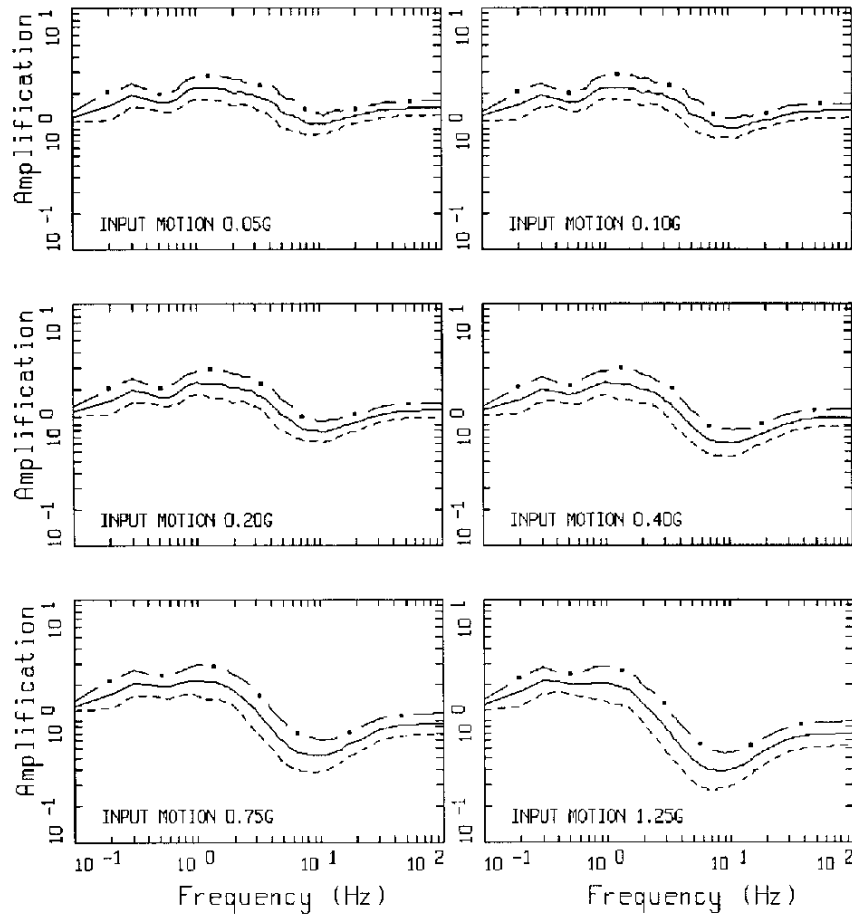
LA AMPLIFICATION  
 $Q_0 + T_s$  (500 - 1500 ft)



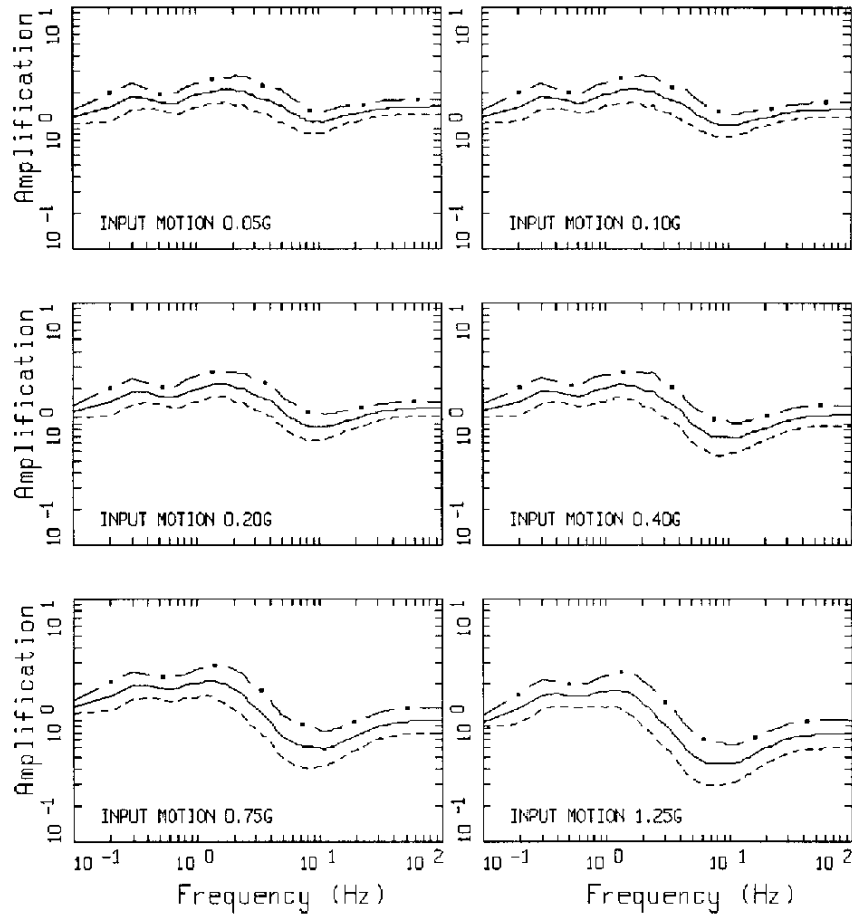
LA AMPLIFICATION  
 Q<sub>a</sub> (30 - 150 ft)



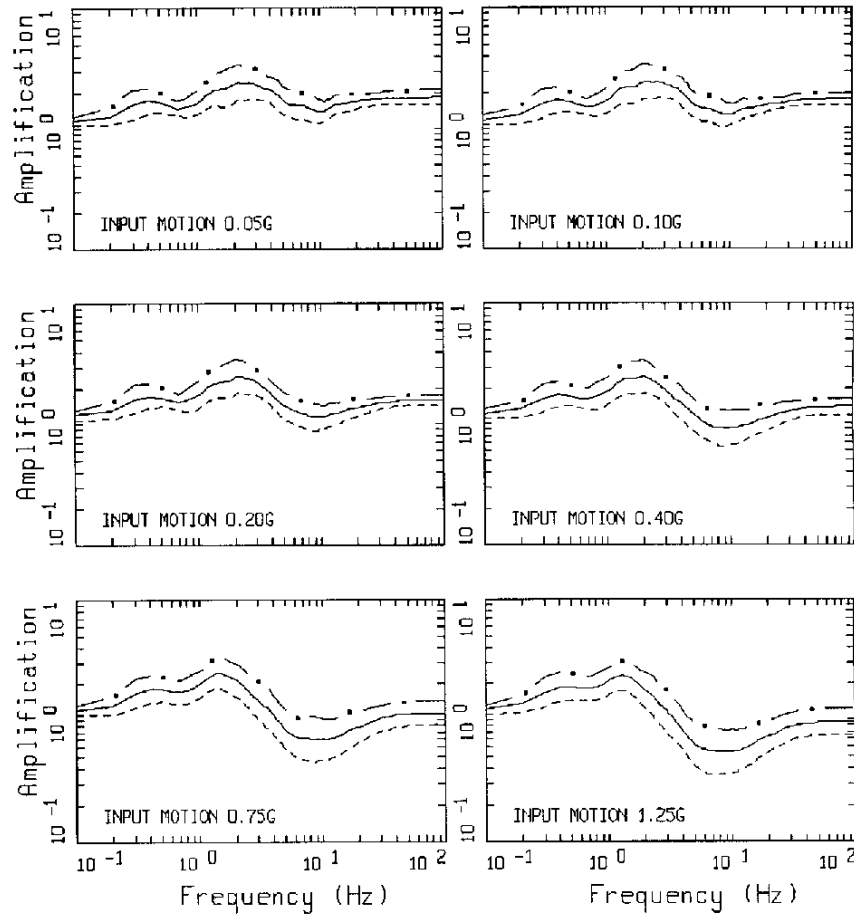
LA AMPLIFICATION  
 Q<sub>0</sub> (150 - 350 ft)



LA AMPLIFICATION  
 $Q_0$  (350 - 650 ft)

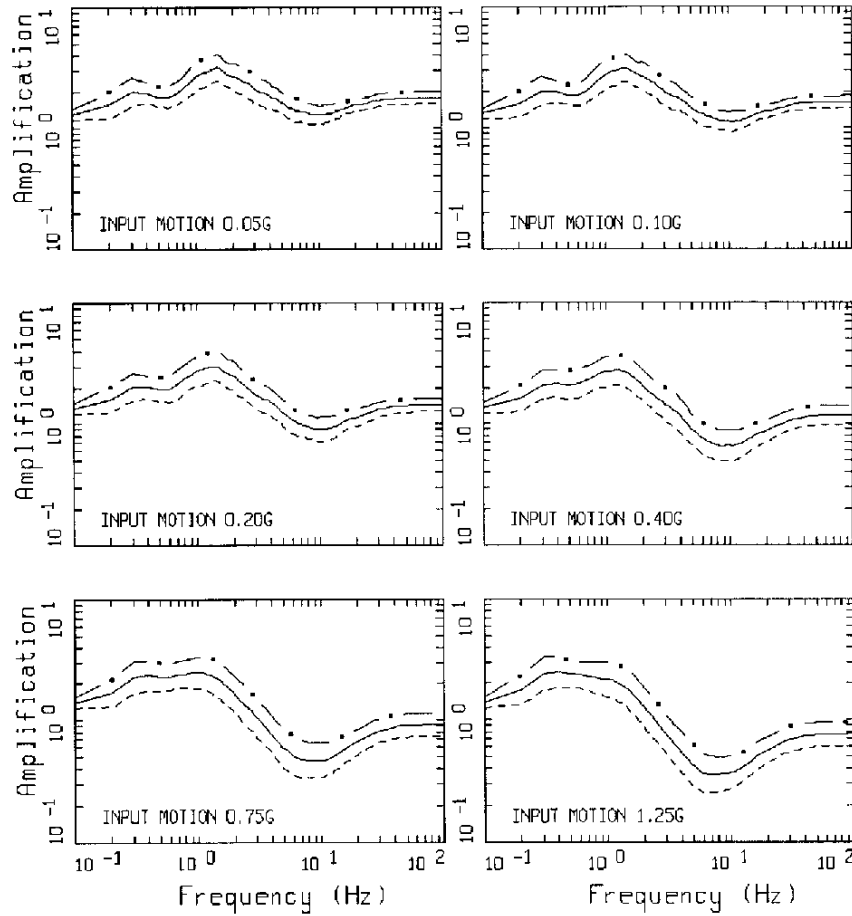


LA AMPLIFICATION  
 Q<sub>0</sub> (30 - 1000 ft)

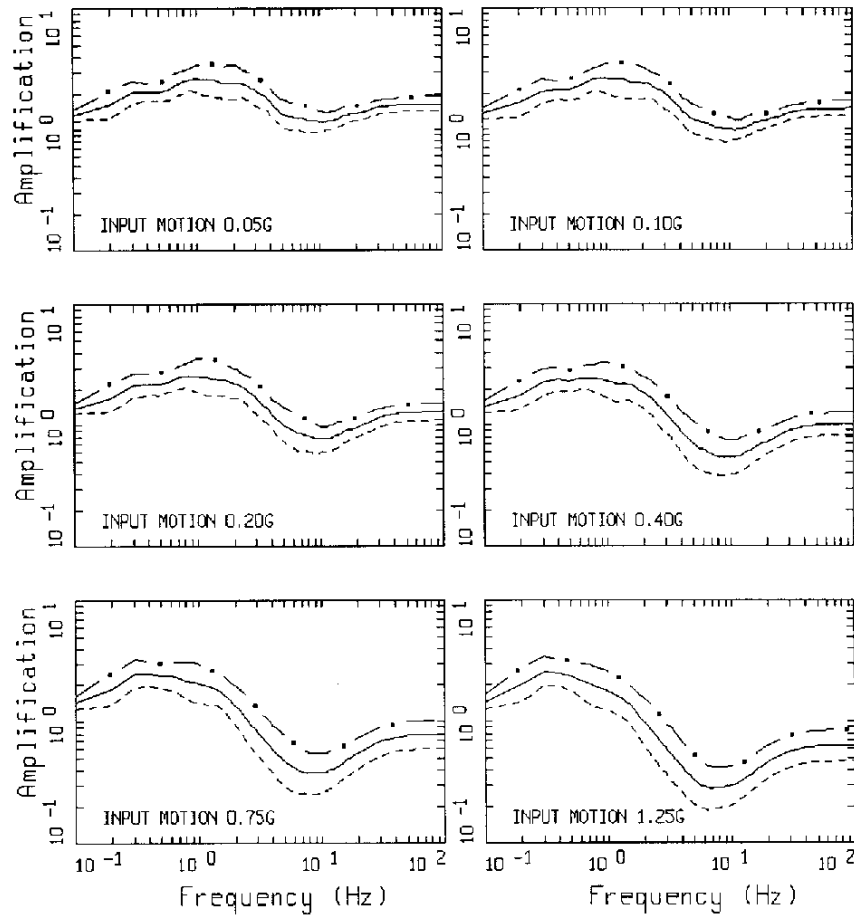


LA AMPLIFICATION  
 Q<sub>y</sub> (30 - 150 ft)

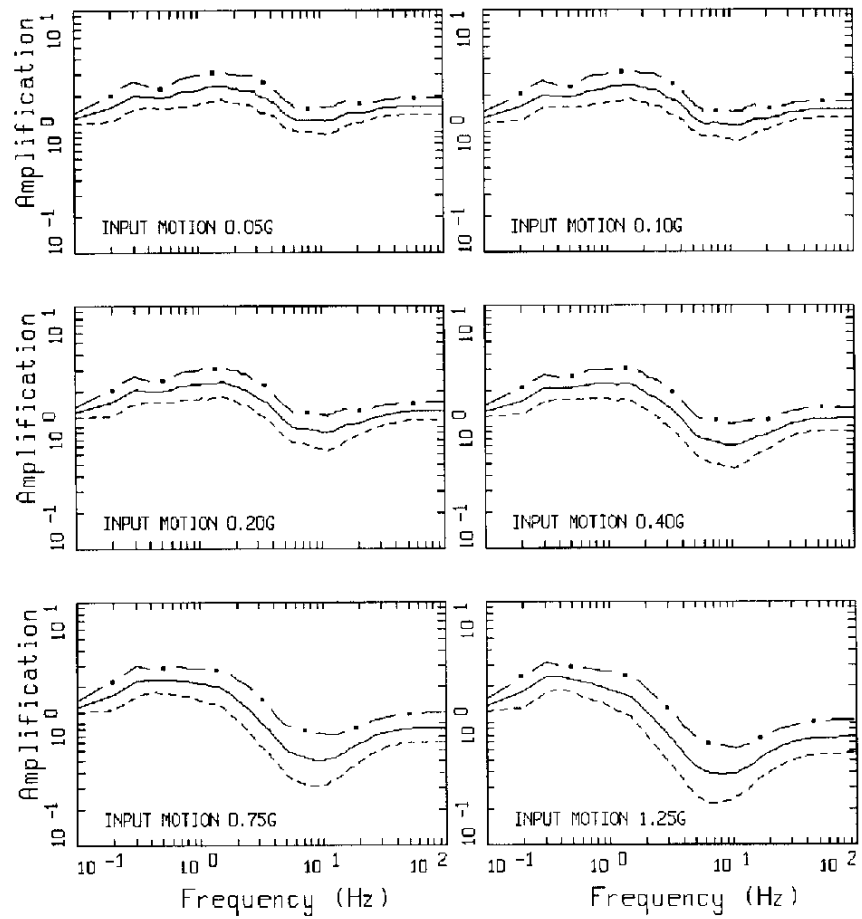




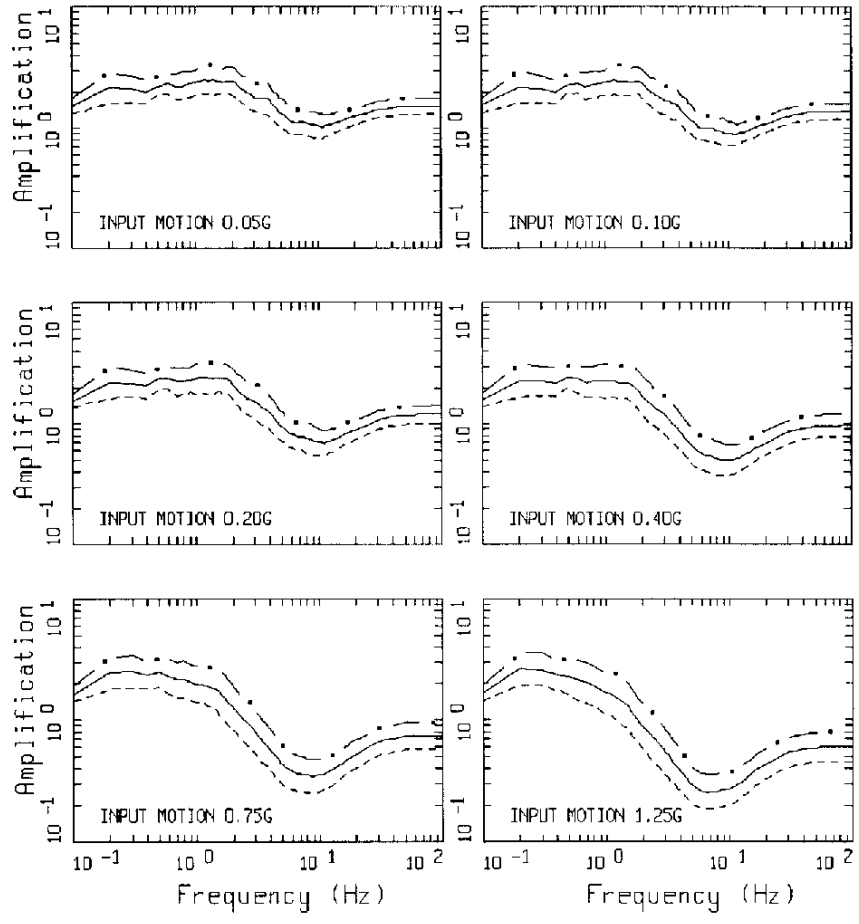
LA AMPLIFICATION  
 Qy (150 - 350 ft)



LA AMPLIFICATION  
 Q<sub>y</sub> (350 - 650 ft)



LA AMPLIFICATION  
 $Q_y$  (30 - 1000 ft)



LA AMPLIFICATION  
 Q<sub>y</sub> (500 - 1500 ft)