

Figure 1. The thin film PVDF piezoelectric gauge (shown standing against the large quartz crystal to the left) represents an advance in piezoelectric shockwave gauges over earlier designs which employed thick single crystals cut from large quartz or lithium niobate (boule on the right) crystals

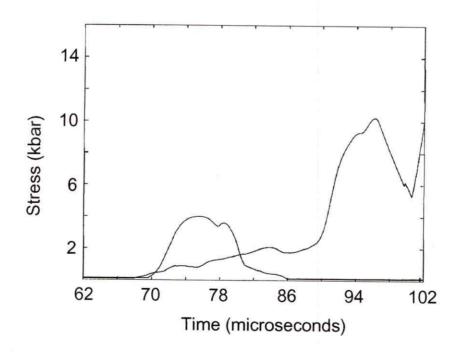


Figure 2. Typical stress-time-profiles from adjacent PVDF gauges showing shock wave structure at two locations in the neutron generator region.