

soft x-ray yield from NX2 plasma focus device by using standard parameters. The neon soft x-ray yield optimum combination of NX2 was found to be at (pressure  $P_0 = 3$  Torr, anode length  $z_0 = 2.1$  cm and (anode radius  $a = 2$  cm). The optimum soft x-ray yield was ( $Y_{sxr} = 26.01$  J