

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