



**Figure 33: Niobium clusters in the range Nb<sub>2</sub> to Nb<sub>7</sub> deflected by an inhomogeneous magnetic field. The dashed line is the profile without magnetic field and the solid line is after applying 0.9 T. The experiment was done at 20 K. The niobium dimer does respond to the magnetic field as expected [A.M. James, 1993].**