



Fig. 3. Cell volume regulation of NIH 3T3 fibroblasts not expressing the ras oncogene (*-ras, left*) and of the same cells expressing the ras oncogene (*+ras, right*). The cell volume is plotted versus the time of incubation. At 180 s, extracellular osmolarity has been either decreased by reduction of extracellular NaCl by 35 mmol/l (*closed circles*), or increased by addition of 50 mmol/l NaCl (*closed squares*) or 100 mmol/l NaCl (*closed triangles*). The *open circles* refer to cells exposed to isotonic extracellular fluid. Arithmetic means \pm SEM, numbers in brackets indicate number of experiments