



Figure 1. Calculated fragment mass distributions for fission of  $^{236}\text{U}$ . Solid squares give the results using three parameters  $\{\alpha, \alpha_1, \alpha_4\}$  and open circles give the results using four parameters  $\{\alpha, \alpha_1, \alpha_3, \alpha_4\}$ . At the top of the graph, we show the most probable shapes at scission for each case.