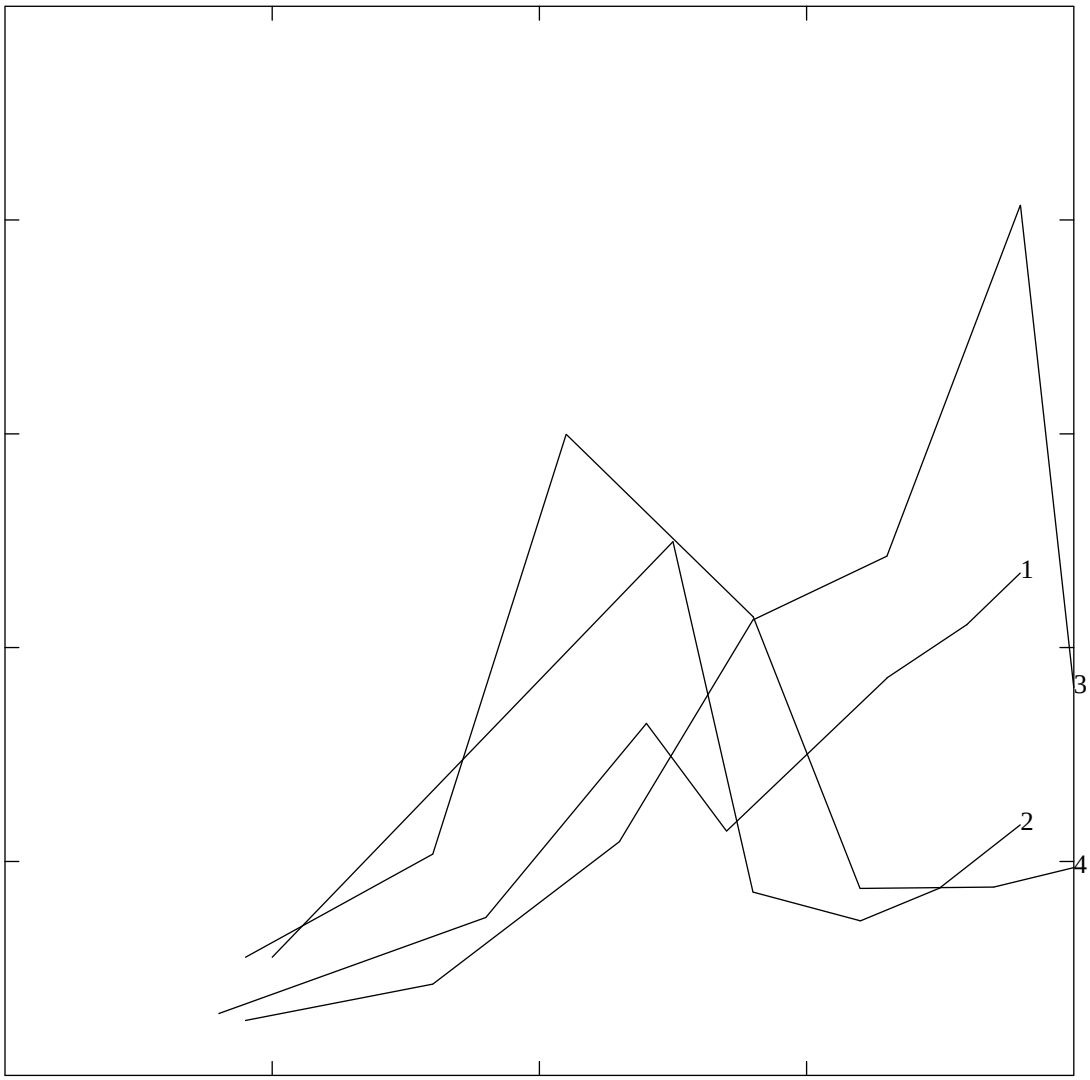

0 <= x <= 40, 0 <= y <= 2500