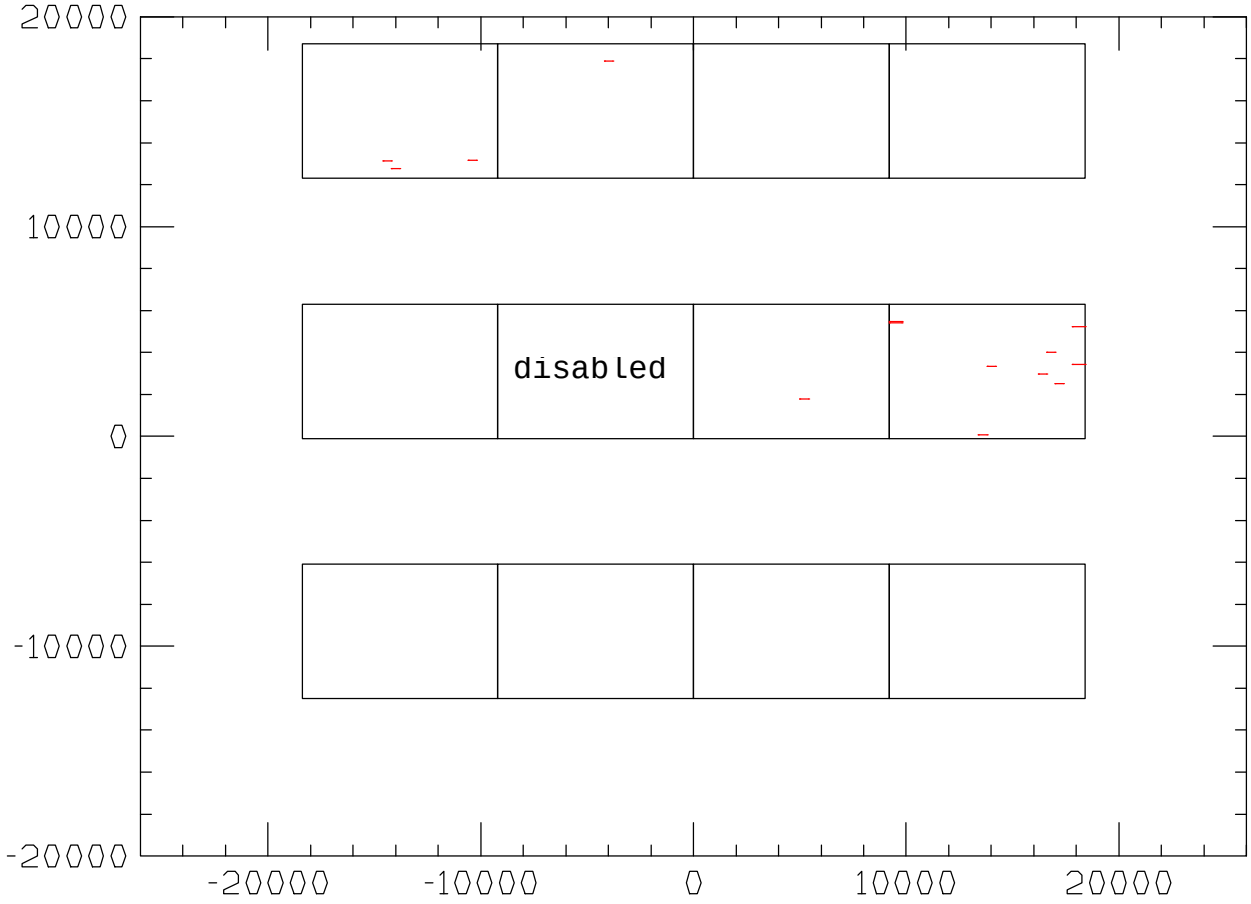TPG 9 (inverted)