Phase diagram 1

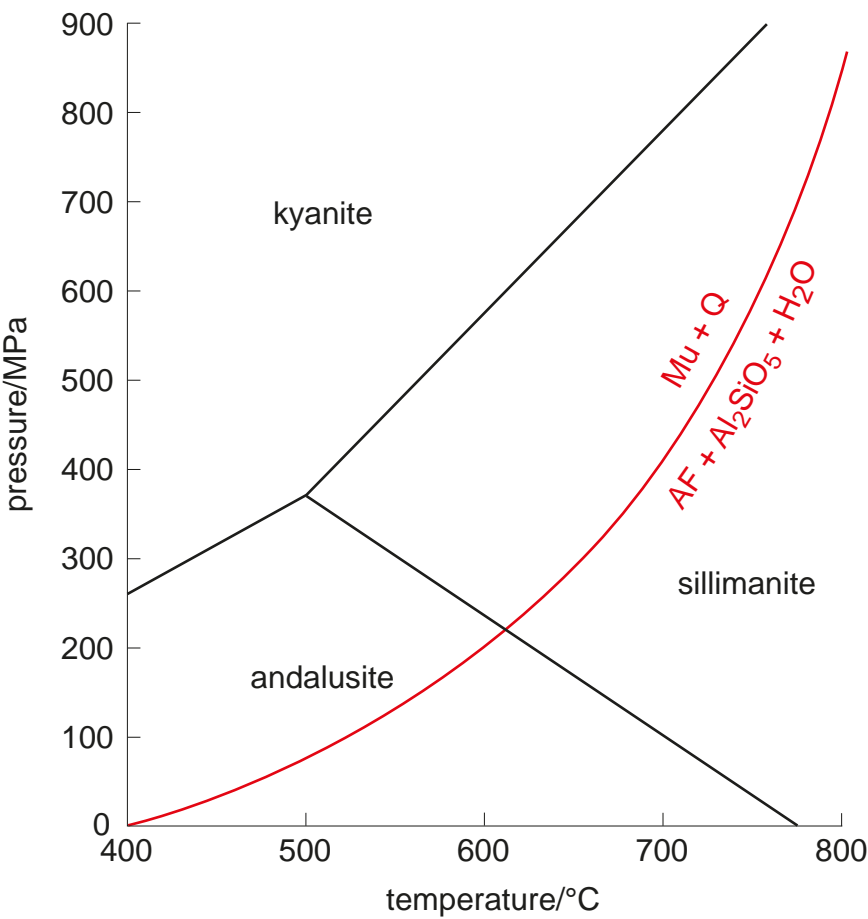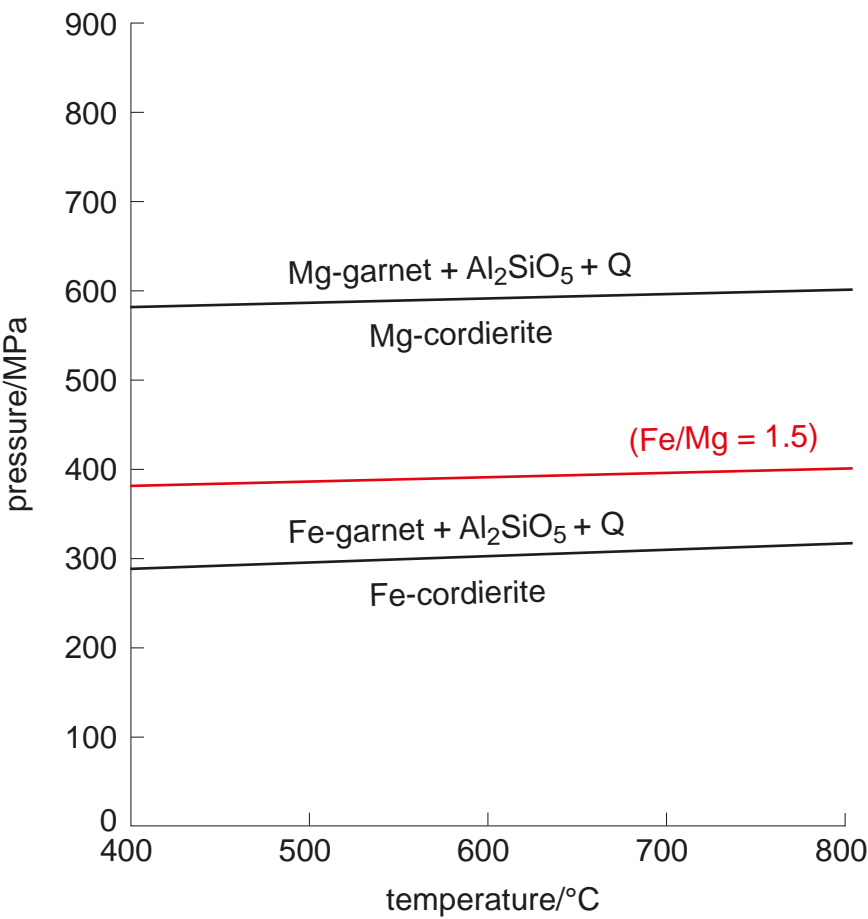## Phase diagram 2

Phase diagram 3