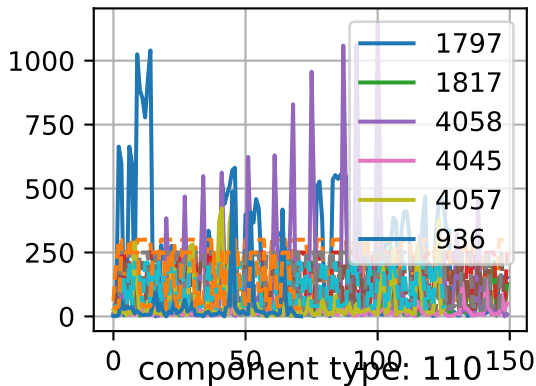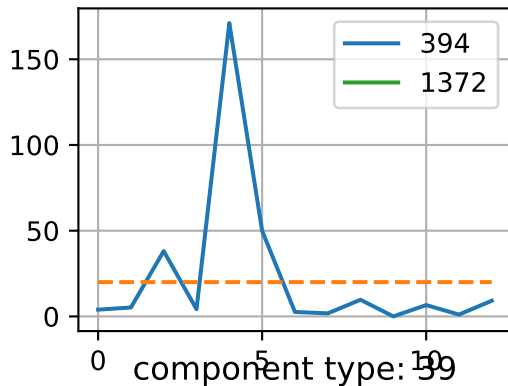machine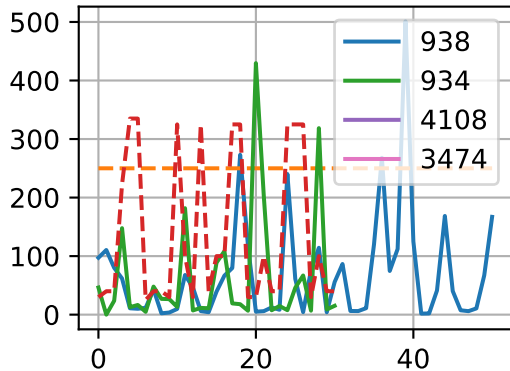 type: 1