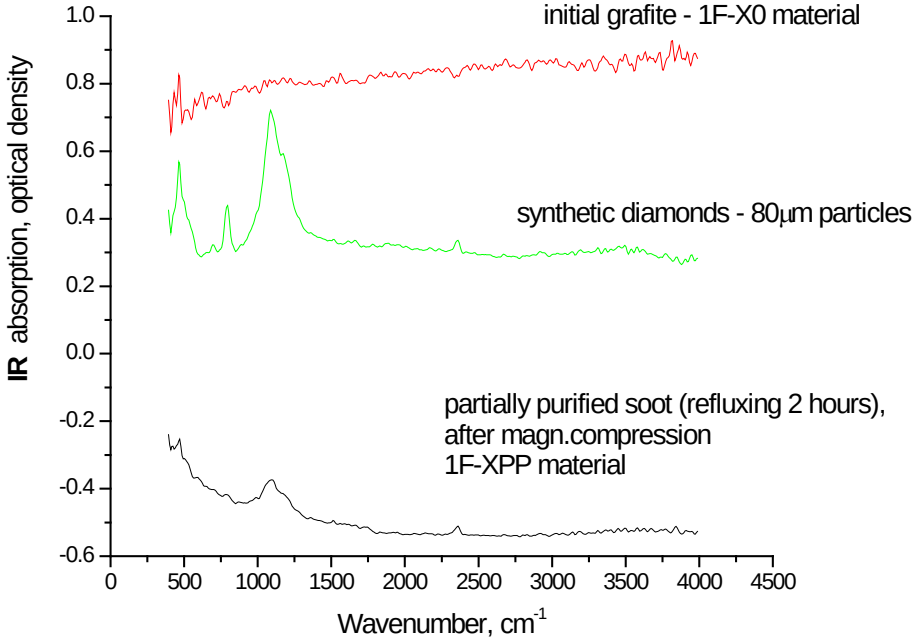

initial grafite - 1F-X0 material
synthetic diamonds - 80μm particles
partially purified soot (refluxing 2 hours),
after magn.compression
1F-XPP material
IR absorption, optical density
Wavenumber, cm-1
1.0
0.8
0.6
0.4
0.2
0.0
-0.2
-0.4
-0.6
0
500
1000
1500
2000
2500
3000
3500
4000
4500