

LINE	INTERPLANAR SPACING, Å	PHASE AND INDICES
1	2.17	$\epsilon_{(100)}$
2	2.04	$\alpha_{(110)}$ $\epsilon_{(002)}$ $\gamma_{(111)}$
3	1.92	$\epsilon_{(101)}$
4	1.43	$\alpha_{(200)}$
5	1.25	$\epsilon_{(110)}$ $\gamma_{(220)}$
6	1.17	$\alpha_{(211)}$

Figure 5. High-pressure x-ray diffraction patterns of iron, with diffraction lines identified. Pressure in kbar is shown to the left of each pattern. Arrows pointing up show that the pressure was raised to that level; arrows pointing down show that the pressure was lowered to that level.

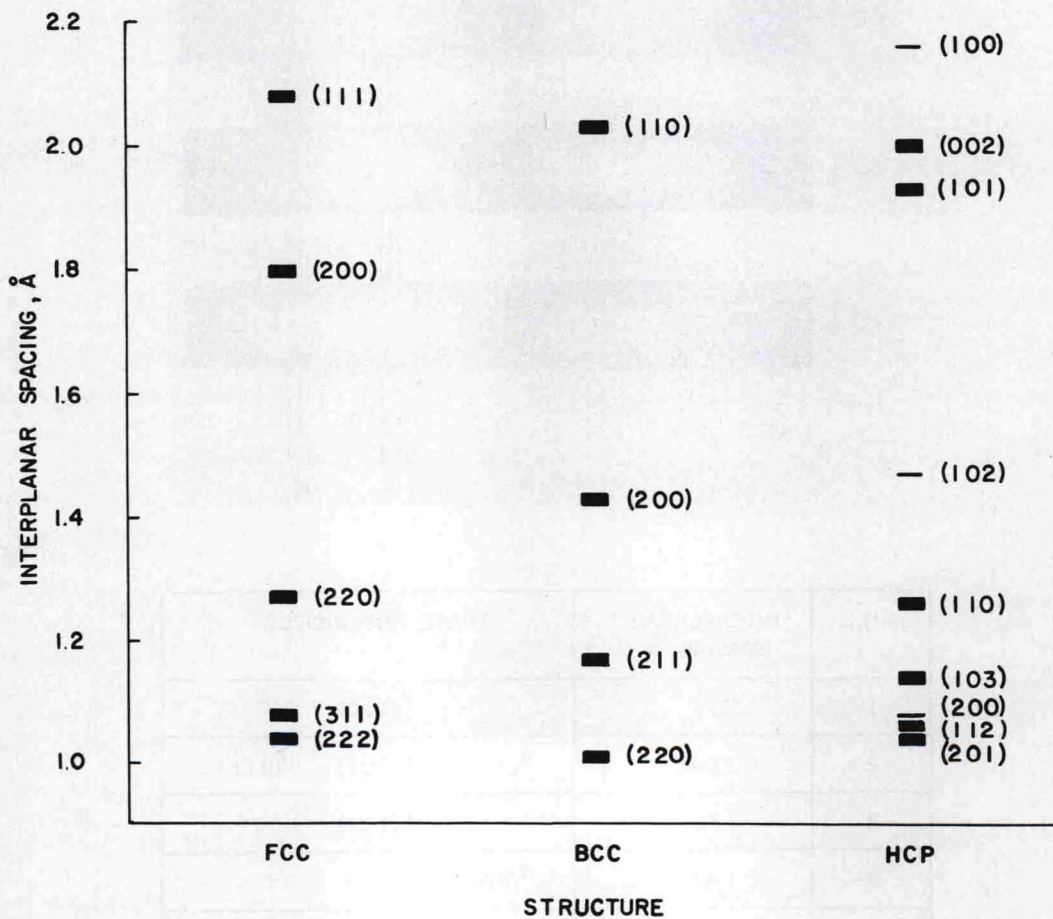


Figure 6. Schematic representation of the diffraction patterns given by three phases of iron, showing the limited number of diffraction lines where overlap does not occur.