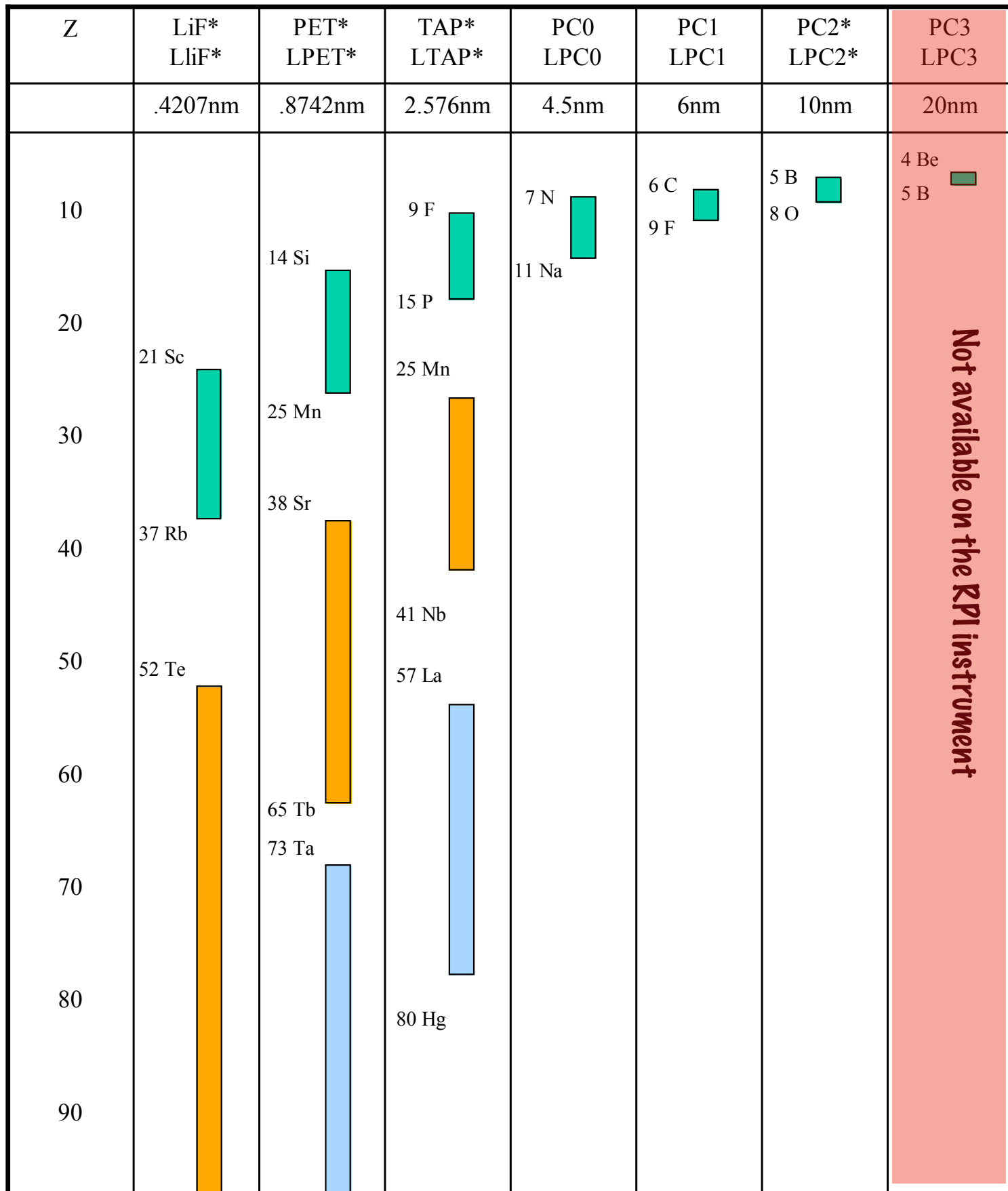
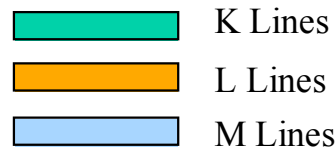


SX 100 CRYSTALS

RPI E&ES Microprobe



* Most commonly used crystals



Not available on the RPI instrument

2002/53004/MO/CL January 2002

Crystal	name	formula	orientation	2d (Å)	k	Approx range(Å)
LIF	Lithium fluoride	LiF	200	4.0267	0.000058	.9 - 3.3
PET	Pentaerythritol	C(CH ₂ OH) ₄	2	8.75	0.000144	2.2 - 7.1
TAP	Thallium acid phthalate	TIHC ₈ H ₄ O ₄	1010	25.745	0.00218	6.5 - 20
PC0	Pseudocrystal	W-Si		44.4	0.01	11. - 36.
PC1	Pseudocrystal	W-Si		62.1	0.02	15 - 48
PC2	Pseudocrystal	Ni-C		98.5	0.033	25-80

Spec 1	Spec 2	Spec 3	Spec 4	Spec 5
PCI	LPC0	LLIF	TAP	LLIF
PC2	LPET	LPET	LPET	LPET
PET				
TAP				