

Systematic Extinctions

(h,k,l)	100	110	111	200	210	211	220	221,300	310	311	222	320	321	400
$M = h^2 + k^2 + l^2$	1	2	3	4	5	6	8	9	10	11	12	13	14	16
Primitive														
BCC														
FCC														

$\xrightarrow{\hspace{10cm}}$
 2θ

Body centered (Fe):

$(h + k + l)$ even

Face centered (Cu, NaCl, KCl):

all even or all odd

