1.64: Laue classes

The Laue classes correspond to the eleven centrosymmetric crystallographic point groups. When absorption is negligible and Friedel's law applies, it is impossible to distinguish by diffraction between a centrosymmetric point group and one of its non-centrosymmetric subgroups.

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Laue classes	Non-centrosymmetric groups having the same Laue class
$\bar{1}$	1
$2/m$	2, m
mmm	222, $2mm$
$\bar{3}$	3
$\bar{3}m$	32, $3m$
$4/m$	4, $\bar{4}$
$4/mmm$	422, $\bar{4}2m$, $42m$
$6/m$	6, $\bar{6}$
$6/mmm$	622, $\bar{6}2m$, $62m$
$m\bar{3}$	23
$m\bar{3}m$	432, $\bar{4}32$