Table 1.6.4.25
Reflection conditions and possible space groups with Bravais lattice *cP* and Laue class $m\bar{3}$; *hkl* are cyclically permutable; Patterson symmetry $Pm\bar{3}$

Reflection conditions			Space group	No.	Space group	No.
0kl	$h \pm h\, l$	*h*00				
			P23	195	$Pm\bar{3}$	200
		h	**$P2_13$**	198		
k		*h*	$Pa\bar{3}$	205		
l		*h*	$Pb\bar{3}$	205		
k + *l*		*h*	$Pn\bar{3}$	201		

Table 1.6.4.26
Reflection conditions and possible space groups with Bravais lattice *cP* and Laue class $m\bar{3}m$; *hkl* are permutable; Patterson symmetry $Pm\bar{3}m$

Reflection conditions			Space group	No.	Space group	No.	Space group	No.
0kl	$h \pm h\, l$	*h*00						
			P432	207	$P\bar{4}3m$	215	$Pm\bar{3}m$	221
		h	**$P4_232$**	208				
		$h = 4n$	**$P4_332$**	212	**$P4_132$**	213		
	l	*h*	$P\bar{4}3n$	218	$Pm\bar{3}n$	223		
k + *l*		*h*	$Pn\bar{3}m$	224				
k + *l*	*l*	*h*	$Pn\bar{3}n$	222				

Table 1.6.4.27
Reflection conditions and possible space groups with Bravais lattice *cI* and Laue class $m\bar{3}$; *hkl* are cyclically permutable; Patterson symmetry $Im\bar{3}$

Reflection conditions				Space group	No.	Space group	No.	Space group	No.
hkl	*0kl*	$h \pm h\, l$	*h*00						
h + *k* + *l*	*k* + *l*	*l*	*h*	**I23**	197	**$I2_13$**	199	$Im\bar{3}$	204
h + *k* + *l*	*k*, *l*	*l*	*h*	$Ia\bar{3}$	206				

Table 1.6.4.28
Reflection conditions and possible space groups with Bravais lattice *cI* and Laue class $m\bar{3}m$; *hkl* are permutable; Patterson symmetry $Im\bar{3}m$

Reflection conditions				Space group	No.	Space group	No.	Space group	No.
hkl	*0kl*	$h \pm h\, l$	*h*00						
h + *k* + *l*	*k* + *l*	*l*	*h*	**I432**	211	$I\bar{4}3m$	217	$Im\bar{3}m$	229
h + *k* + *l*	*k* + *l*	*l*	$h = 4n$	**$I4_132$**	214				
h + *k* + *l*	*k* + *l*	$2h + l = 4n$	$h = 4n$	$I\bar{4}3d$	220				
h + *k* + *l*	*k*, *l*	$2h + l = 4n$	$h = 4n$	$Ia\bar{3}d$	230				

Table 1.6.4.29
Reflection conditions and possible space groups with Bravais lattice *cF* and Laue class $m\bar{3}$; *hkl* are cyclically permutable; Patterson symmetry $Fm\bar{3}$

Reflection conditions				Space group	No.	Space group	No.
hkl	*0kl*	$h \pm h\, l$	*h*00				
$h + k, h + l, k + l$	*k*, *l*	*h* + *l*	*h*	**F23**	196	$Fm\bar{3}$	202
$h + k, h + l, k + l$	$k + l = 4n$; *k*, *l*	*h* + *l*	$h = 4n$	$Fd\bar{3}$	203		