

Compound	Space group	Growth method
KV ₃ Sb ₅	P6/mmm (191)	flux
CsV ₃ Sb ₅	P6/mmm(191)	flux
LiMn ₆ Sn ₆	P6/mmm(191)	flux
TbMn ₆ Sn ₆	P6/mmm(191)	flux
YNi ₅	P6/mmm(191)	LFZ
LaCo ₅	P6/mmm (191)	LFZ
MnBi ₂ Te ₄	R-3m (166)	flux
MnBi ₆ Te ₁₀	R-3m (166)	flux
MnBi ₈ Te ₁₃	R-3m (166)	flux
RhSi	P2 ₁ 3 (198)	Bridgman/flux
Rh _{0.95} Ni _{0.05} Si	P2 ₁ 3 (198)	flux
CoSi	P2 ₁ 3 (198)	flux/CVT
CrSi	P2 ₁ 3 (198)	CVT
CrGe	P2 ₁ 3 (198)	CVT
PtGa	P2 ₁ 3 (198)	flux
PtAl	P2 ₁ 3 (198)	flux
PdAl	P2 ₁ 3 (198)	flux
PdGa	P2 ₁ 3 (198)	flux
RhSn	P2 ₁ 3 (198)	flux
PdBiSe	P2 ₁ 3 (198)	flux
NiSbS	P2 ₁ 3 (198)	flux
PtSn ₄	Ccce (68)	flux
PdSb ₂	Pa-3 (205)	flux
YbMnBi ₂	P4/nmm (129)	flux
YbMnSb ₂	P4/nmm (129)	flux
MnBi	P63/mmc (194)	flux
MnAlGe	P4/nmm (129)	Bridgman
DyAlGe	Cmcm (63)	flux
GdAlGe	I41/amd (141)	flux
CrI ₃	P3 ₁ 12 (151)	CVT
CrBr ₃	P3(143)	CVT
IrO ₂	P4 ₂ /mnm (136)	CVT
KMgBi	P4/nmm (129)	flux
KMgSb	P4/nmm (129)	flux
ZrTe ₅	Cmcm (63)	flux/CVT
HfTe ₅	Cmcm (63)	flux/CVT
MoTe ₂	P2 ₁ /m (11)	flux
WTe ₂	Pmn2 ₁ (31)	flux
PtSe ₂	P-3m1 (164)	flux/CVT
PtTe ₂	P-3m1 (164)	flux/CVT
Co ₃ Sn ₂ S ₂	R-3m (166)	flux/CVT
Co _{3-x} Ni _x Sn ₂ S ₂	R-3m (166)	flux
Fe ₃ GeTe ₂	P63/mmc (194)	flux

Fe ₃ Sn ₂	R-3m (166)	flux/CVT
EuIn ₂ As ₂	P6 ₃ /mmc (194)	flux
EuSn ₂ As ₂	R-3m (166)	flux
EuCd ₂ As ₂	164 (P-3m1)	flux
AlFe ₂ B ₂	Cmmm (65)	flux
LaCrSb ₃	Pbcm (57)	flux
CeCrSb ₃	Pbcm (57)	flux
NdCrSb ₃	Pbcm (57)	flux
LaCrGe ₃	P6 ₃ /mmc (194)	flux
ZrMnP	Pnma (62)	flux
HfMnP	Pnma (62)	flux
ZrP ₂	Pnma (62)	CVT
ZrAs ₂	Pnma (62)	CVT
HfP ₂	Pnma (62)	CVT
HfAs ₂	Pnma (62)	CVT
Co ₂ MnGa	Fm-3m (225)	Bridgman
Co ₂ MnAl	Fm-3m (225)	LFZ
Co ₂ VSn	Fm-3m (225)	LFZ
Co ₂ VGa	Fm-3m (225)	Bridgman
Co ₂ FeGa	Fm-3m (225)	Bridgman
Co ₂ CrGa	Fm-3m (225)	Bridgman
Mn ₂ CoGa	F-43m (216)	Bridgman
Mn ₂ CrGa	F-43m (216)	Bridgman

Mn ₂ FeGa	F-43m (216)	Bridgman
Cr ₂ CoGa	F-43m (216)	Bridgman
YPdSb	F-43m (216)	flux
Mn ₃ Ge	P6 ₃ /mmc (194)	Bridgman
Mn ₃ Sn	P6 ₃ /mmc (194)	Bridgman
Mn ₃ Pt	Pm-3m (221)	Bridgman
Mn ₃ Ir	Pm-3m (221)	Bridgman
Mn ₃ Rh	Pm-3m (221)	Bridgman
Mn ₃ IrSi	Pm-3m (221)	Bridgman
Mn _{1.4} PtSn	I-42m (121)	flux
RhSb ₃	Im-3 (204)	flux
MoB ₂	P6/mmm (191)	flux
Bi	R-3m (166)	Bridgman
Bi _{0.96} Sb _{0.04}	R-3m (166)	Bridgman
Sb	R-3m (166)	Bridgman
TaP	I4 ₁ md (109)	CVT
NbP	I4 ₁ md (109)	CVT
NbAs	I4 ₁ md (109)	CVT
TaAs	I4 ₁ md (109)	CVT
Ta ₂ Se ₈ l	I422 (97)	CVT

MoSe _{2-x} Te _x	P6 ₃ /mmc (194)	CVT
MoTe _{2-x} Se _x	P2 ₁ /m (11)	CVT
NbP-Mo	I4 ₁ md (109)	CVT
NbP-Cr	I4 ₁ md (109)	CVT
TaP-Mo	I4 ₁ md (109)	CVT
TaAsP	I4 ₁ md (109)	CVT
CrNb ₃ S ₆	P6 ₃ 22 (182)	CVT
V ₃ S ₄	I12/m1 (12)	CVT
Cd ₃ As ₂	C12/m1 (12)	CVT
WSe ₂	P6 ₃ /mmc (194)	CVT
Cu _x WTe ₂	P6/m2 (187)	CVT
TaS ₂	P-3m1 (164)	CVT
Co _{0.4} TaS ₂	P-3m1 (164)	CVT
Fe _{0.4} TaS ₂	P-3m1 (164)	CVT
GdAs	Fm-3m (225)	CVT
Ag ₂ Se	P2 ₁ 3 (198)	CVT
OsO ₂	P42/mnm (136)	CVT
ReO ₂	P42/mnm (136)	CVT
PtTe ₂	Monoclinic/Orthor??	CVT
PtSe ₂	P3m1 (164)	CVT
PdTe ₂	P3m1 (164)	CVT
PdSe ₂	P3m1 (164)	CVT
OsTe ₂	Pbca (61)	CVT
RhTe ₂	Pnnm (58)	CVT
TaTe ₂	P3m1 (164)	CVT

NbTe ₂	C12/m1 (12)	CVT
WP ₂	Cmc21 (36)	CVT
WP	C12/m1 (12)	CVT
MoP ₂	Pnma (62)	CVT
MoP	P-6m2 (187)	CVT
Cu ₂ OSeO ₃	Pbca (61)	CVT
FeSi	Fm-3m (225)	CVT
NbAs ₂	C12/m1 (12)	CVT
ReSe ₂	P-1 (2)	CVT
OsSe ₂	Pa-3 (205)	CVT
ReO ₃	Pm-3m (221)	CVT
TaAs ₂	C12/m1 (12)	CVT
HfTe ₂	P-3m1 (164)	CVT

RuSe ₂	Pa-3 (205)	CVT
NbSb ₂	C12/m1 (12)	CVT
TiAsTe	Immm (71)	CVT
YptBi	F-43m (216)	flux
NdPtBi	F-43m (216)	flux
GdPtBi	F-43m (216)	flux
YbPtBi	F-43m (216)	flux
ScPdBi	F-43m (216)	flux
YPdBi	F-43m (216)	flux
ErPdBi	F-43m (216)	flux
GdAuPb	F-43m (216)	flux
PtMnSb	F-43m (216)	flux
NiMnSb	F-43m (216)	flux
HoPdBi	F-43m (216)	flux
TbPdBi	F-43m (216)	flux
GdPdBi	F-43m (216)	flux
DyPdBi	F-43m (216)	flux
TbPtBi	F-43m (216)	flux
DyPtBi	F-43m (216)	flux
KhgBi	P63/mmc (194)	flux
LaBi	Fm-3m (225)	flux
LaSb	Fm-3m (225)	flux
GdBi	Fm-3m (225)	flux
GdSb	Fm-3m (225)	flux
GdTe ₃	Bmmb (63)	flux
HfTe ₅	Cmcm (63)	flux
CaAgAs	P-62m (189)	flux
PtSe ₂	P-3m1 (164)	flux
PtTe ₂	P-3m1 (164)	flux
PdSb ₂	Pa-3 (205)	flux
MnAs	Pnma (62)	flux
VAl ₃	I4/mmm (139)	flux
CoFeMnSi	F-43M (216)	Bridgman
DyIn ₃	Pm-3m (221)	flux
BaCr ₂ As ₂	I4/mmm (139)	Bridgman
BaCrFeAs ₂	I4/mmm (139)	Bridgman
MnP	Pnma (62)	Bridgman
CaPd ₃ O ₄	Pm-3n (223)	flux

SrPd ₃ O ₄	Pm-3n (223)	flux
HfSiS	P4/nmm (129)	CVT
Bi ₄ l ₄	C12/m1	CVT
CoMnFeGe	F-43m (216)	flux
CoMnFeSn	F-43m (216)	flux
NiMnFeGa	F-43m (216)	flux
LiZnSb	P63mc (186)	flux
LiZnBi	P63mc (186)	flux
TiSi	Pnma (62)	CVT
CaGe ₂	R-3m (166)	Bridgman

CVT-chemical vapor transport, LFZ-laser floating zone