

Table 5. MX_6 octahedral tilt compared by anion (X) and shortest $X-X$ interatomic distance for both filled and unfilled skutterudite phases.

Formula	Anion(X)	Tilt Angle	Shortest $X-X$ Distance	Reference
YbFe ₄ P ₁₂	P	37.1	2.293	Shirotani et al. (2006)
La _x Rh ₄ P ₁₂	P	38.7	2.224	Takeda et al. (2007)
CeFe ₄ P ₁₂	P	36.7	2.304	Shirotani et al. (2006)
La _{0.2} Co ₄ P ₁₂	P	37.1	2.254	Zemni et al. (1986)
CoP ₃	P	36.7	2.240	Zemni et al. (1986)
(Ni,Co,Fe)As ₃	As	36.2	2.475	This Study
IrAs ₃	As	36.8	2.456	Kjekshus and Rakke (1974)
RhAs ₃	As	36.7	2.468	Kjekshus and Rakke (1974)
LaFe ₄ As ₁₂	As	34.9	2.570	Braun and Jeitschko (1980)
CoAs ₃	As	35.2	2.464	Mandel and Donahue (1971)
CoSb ₃	Sb	32.7	2.854	Schmidt, Kliche, and Lutz (1987)
Fe ₂ Ni ₂ Sb ₁₂	Sb	32.5	2.890	Návratil et al. (2010)
Fe ₂ Pd ₂ Sb ₁₂	Sb	33.6	2.852	Návratil et al. (2010)
IrSb ₃	Sb	34.3	2.617	Kjekshus and Rakke (1974)
NdFe ₄ Sb ₁₂	Sb	32.5	2.921	Evers et al. (1995)