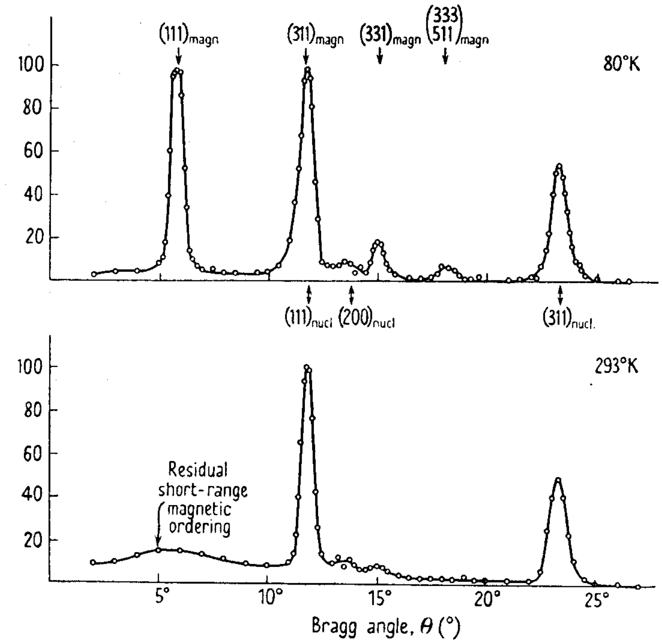
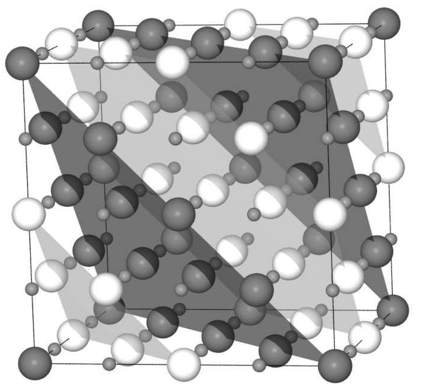
Magnet-Materialien (Forts.)

3. Materialien (Forts.)

3.2. Übergangsmetalloxide MO

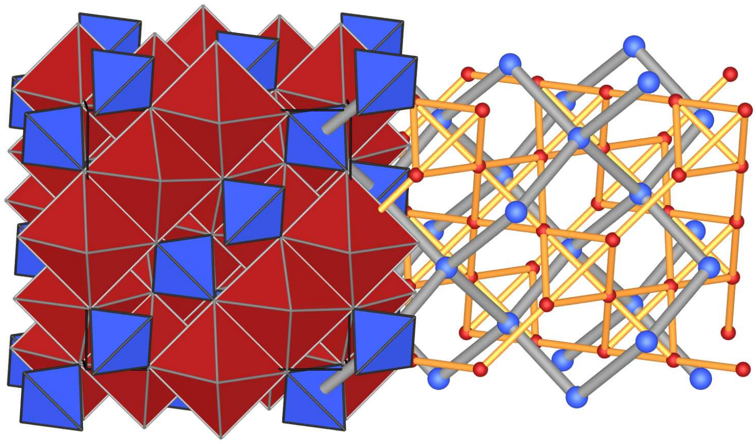


Neutronenbeugungsdiagramm von MnO unter-/oberhalb der Neel-Temperatur

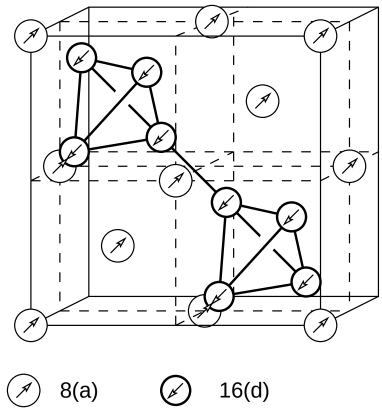


Magnetische Struktur von MnO

3.3. Spinelle



Struktur mit MO_4-Polyedern und nur M-Teilverband

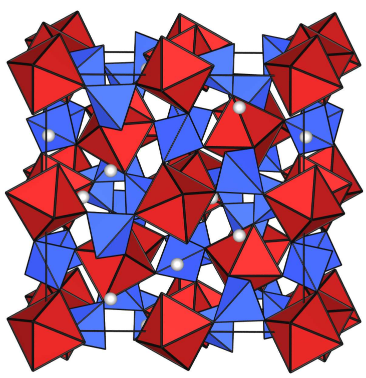


Magnetische Struktur von Spinellen

3.4. Granate

	A_3	B_2	X_3	Magn.
Grossular	Ca_3	Al_2	Si_3	
Uvarovit	Ca_3	Cr_2	Si_3	
Pyrop	Mg_3	Al_2	Si_3	
Andradit	Ca_3	Fe_2	Si_3	
YIG	Y_3	Fe_2	Fe_3	ferrim.

Zusammensetzung div. Granate



Kristallstruktur