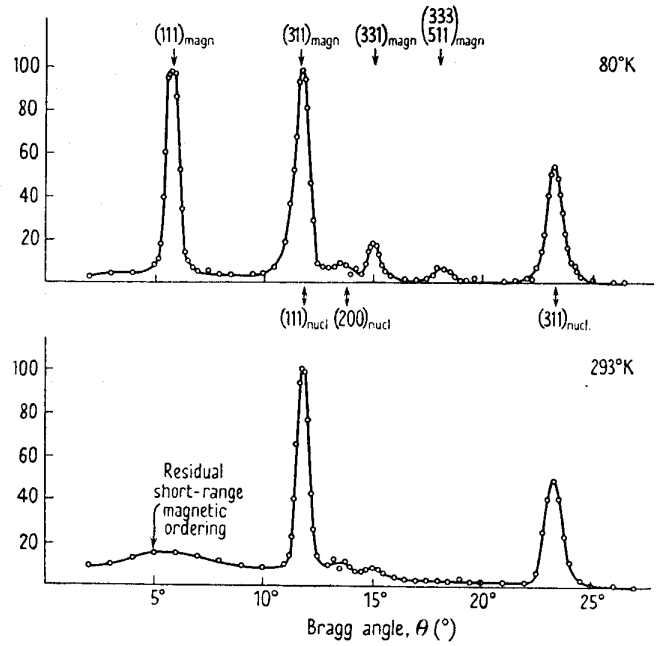
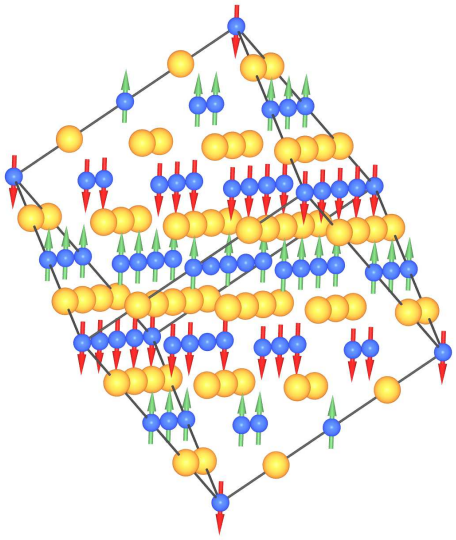
5. Magnetische Polarisation (Forts.)

5.2. Materialien (Forts.)

5.2.2. Übergangsmetalloxide MO

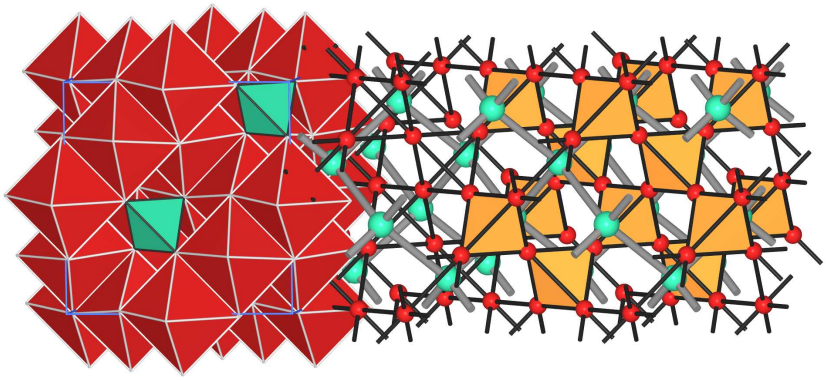


MnO: Neutronenbeugungsdiagramm unter- (oben) bzw. oberhalb (unten) der Neel-Temperatur

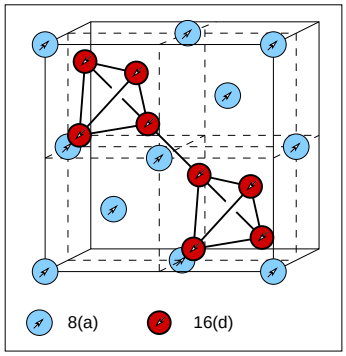


Magnetische Struktur von MnO

5.2.3. Spinelle



Kristallstruktur der Spinelle (links: $(A/B)O_x$-Polyeder; rechts: A/B-Positionen)

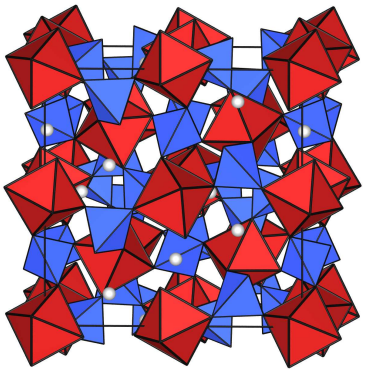


Magnetische Struktur von Spinellen

5.2.4. 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