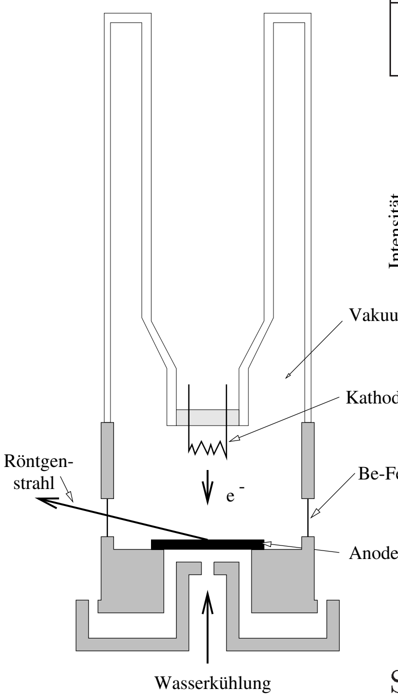
11.2. Röntgenbeugung

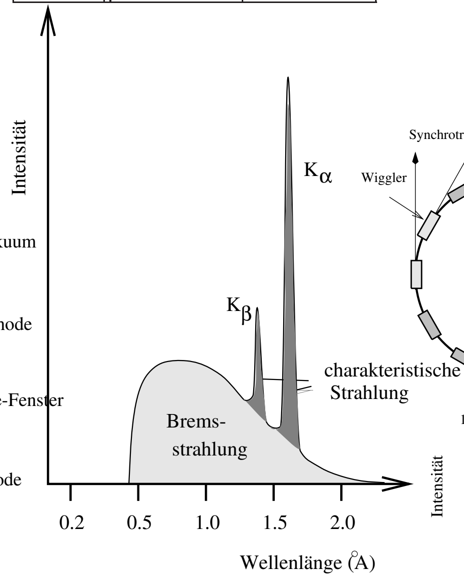
11.2.1. Pulvermethode: Apparatives

Quellen für Röntgenstrahlung

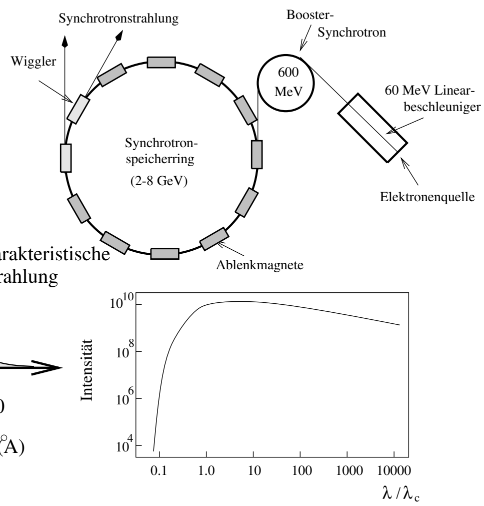
	E [eV]	λ [Å]
Mg	1254	9.88
Al	1487	8.34
Cu	8046	1.5413
Mo	17450	0.7107



Schnitt durch eine Röntgenröhre

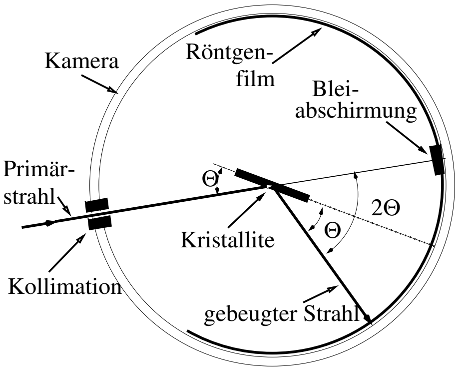


Spektrum einer Cu-Röntgenröhre

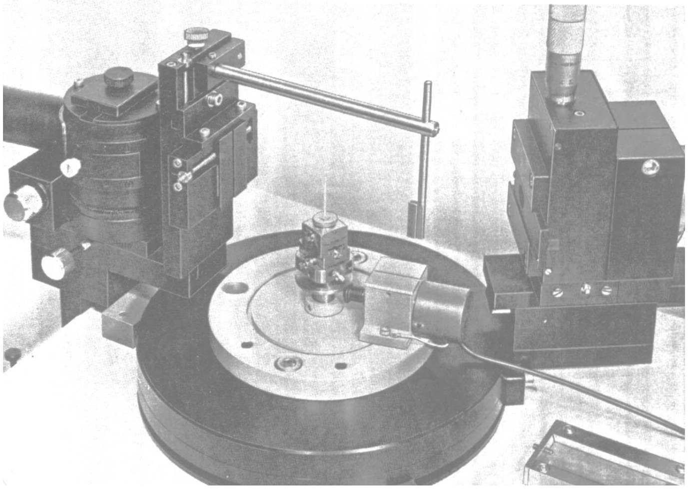


Synchrotron-Speicher-Ring mit Spektrum

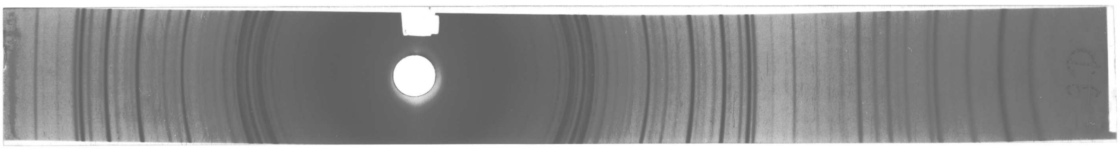
Probe, Detektoren, Diffraktometer



Debye-Scherrer-Kamera



Pulverdiffraktometer



Debye-Scherrer-Film