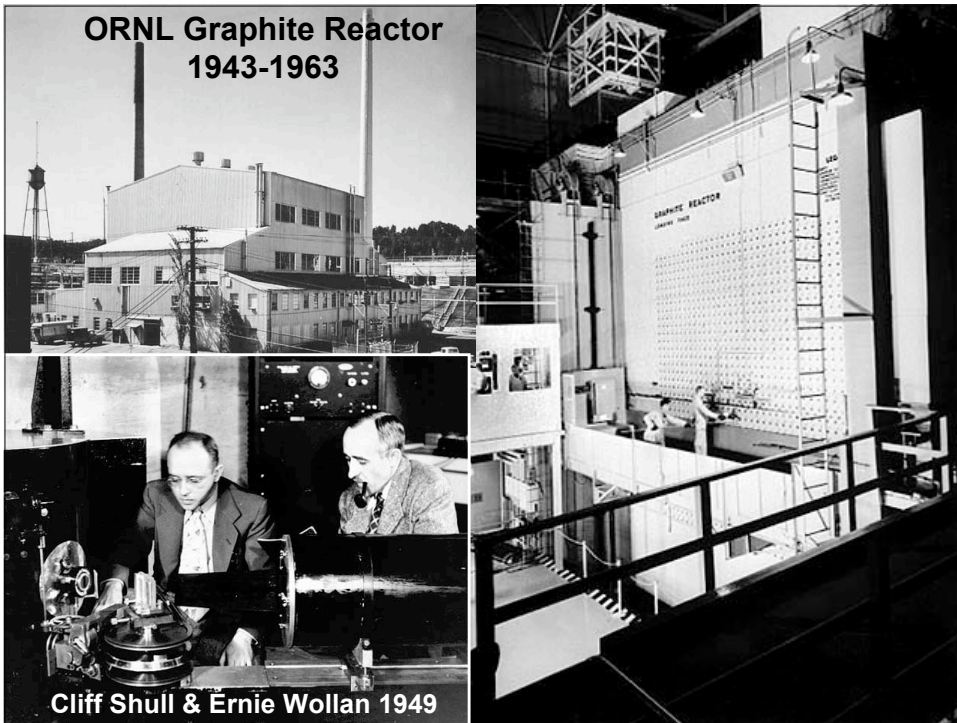
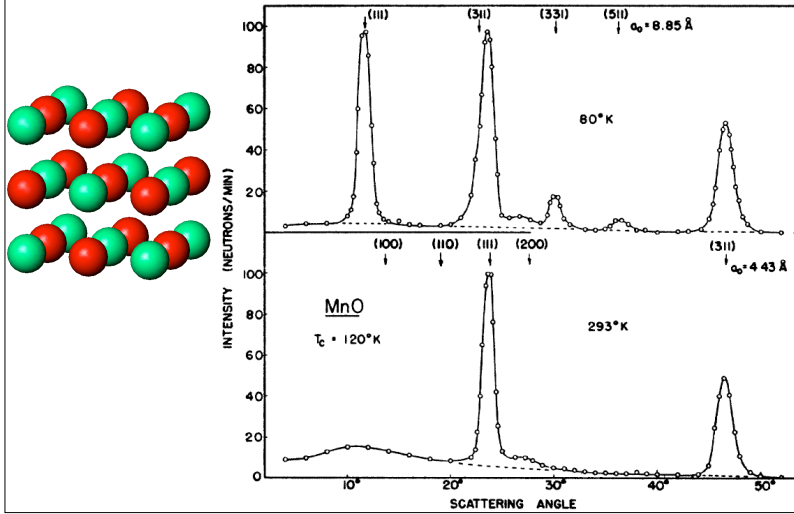


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 August 29, 1949

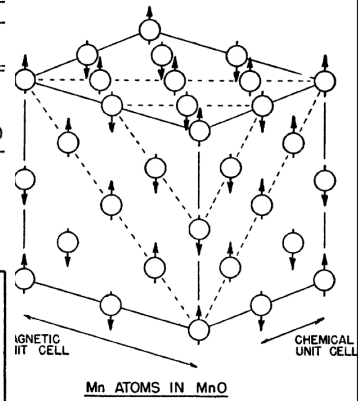
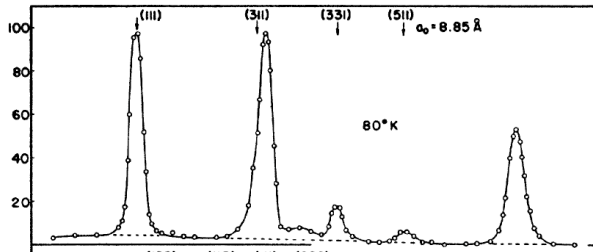


Neutron Diffraction by Paramagnetic and Antiferromagnetic Substances

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 (Received March 2, 1951)

TABLE II. Comparison between observed MnO antiferromagnetic intensities and those calculated for various models of magnetic orientation with respect to crystallographic axes.

	(100)	(111)	$\perp[111]$	Observed
	(a)	(b)	(c)	(neutrons/min)
(111)	1038	0	1560	1072
(311)	460	675	...	308
(331)	129	109	...	132
(511)	54	24	...	70
(333)				



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