

TABLE 6.3
Meteorites Whose Radiometric Ages Exceed 4.4 Ga

Meteorite name	Type ^a	Material dated ^b	Method	Age (Ga) ^c	Source
CHONDRITES					
Allende	CV3	wr	Ar-Ar	4.52 ± 0.02	Dominik et al., 1978
		wr	Ar-Ar	4.53 ± 0.02	Dominik et al., 1978
		wr	Ar-Ar	4.48 ± 0.02	Dominik et al., 1978
		wr	Ar-Ar	4.55 ± 0.03	Jessberger et al., 1980
		wr	Ar-Ar	4.55 ± 0.03	Jessberger et al., 1980
		wr	Ar-Ar	4.57 ± 0.03	Jessberger et al., 1980
		wr	Ar-Ar	4.50 ± 0.02	Jessberger et al., 1980
		wr	Ar-Ar	4.56 ± 0.05	Jessberger et al., 1980
ALH-77288	H6	wr	Ar-Ar	4.50 ± 0.08	Kaneoka, 1983
Butsura	H6	wr	Ar-Ar	4.48 ± 0.06	Turner, Enright, and Cadogan, 1978
Guarena	H6	13	Rb-Sr	4.46 ± 0.08	Wasserburg, Papanastassiou, and Sanz, 1969
		wr	Ar-Ar	4.44 ± 0.06	Turner, Enright, and Cadogan, 1978
Kernouve	H6	wr	Ar-Ar	4.45 ± 0.06	Turner, Enright, and Cadogan, 1978
Menow	H4	wr	Ar-Ar	<u>4.48 ± 0.06</u>	Turner, Enright, and Cadogan, 1978
Mt. Browne	H6	wr	Ar-Ar	4.50 ± 0.06	Turner, Enright, and Cadogan, 1978
Ochansk	H4	wr	Ar-Ar	4.48 ± 0.06	Turner, Enright, and Cadogan, 1978
Queen's Mercy	H6	wr	Ar-Ar	4.49 ± 0.06	Turner, Enright, and Cadogan, 1978
Sutton	H6	wr	Ar-Ar	4.50 ± 0.04	Bogard, Husain, and Wright, 1976
Tieschitz	H3	7	Rb-Sr	<u>4.52 ± 0.05</u>	Minster and Allègre, 1979a
Wellington	H	wr	Ar-Ar	4.42 ± 0.02	Bogard, Husain, and Wright, 1976
ALH-761	L	wr	Ar-Ar	4.49 ± 0.10	Kaneoka, 1983
ALHA-77015	L3	wr	Ar-Ar	4.51 ± 0.10	Kaneoka, 1980
Barwell	L5	wr	Ar-Ar	4.45 ± 0.06	Turner, Enright, and Cadogan, 1978
Bjurbole	L4	wr	Ar-Ar	4.51 ± 0.08	Turner, 1969
Shaw	L6	wr	Ar-Ar	4.43 ± 0.06	Turner, Enright, and Cadogan, 1978
		wr	Ar-Ar	4.40 ± 0.06	Turner, Enright, and Cadogan, 1978
		wr	Ar-Ar	4.29 ± 0.06	Bogard and Hirsch, 1980
Jelica	LL6	5	Rb-Sr	4.42 ± 0.04	Minster and Allègre, 1981
		19	Rb-Sr	4.60 ± 0.03	Kempe and Muller, 1969
Krahenberg Olivenza	LL5	18	Rb-Sr	4.53 ± 0.16	Sanz and Wasserburg, 1969
		wr	Ar-Ar	4.49 ± 0.06	Turner, Enright, and Cadogan, 1978