

Summary of Marine Soil Monitoring Result : Fukushima Daiichi Nuclear Power Station (January 2013)

	Place No.	Place of Sampling	Date of Sampling	Dry Soil Rate (%)	Radioactivity Density (Bq/kg · Dry Soil)		
					I-131 [Approx. 8days]	Cs-134 [Approx. 2years]	Cs-137 [Approx. 30 years]
Coast	T-1	North of Discharge Channel of 5-6U of 1F	2013/1/8 12:40 PM	76.3	ND	310	550
	T-2-1	Around South Discharge Channel of 1F **1	2013/1/8 11:40 AM	77.2	ND	160	280
	T-3	Around North Discharge Channel of 2F	2013/1/8 10:30 AM	75.9	ND	100	170
	T-4-1	Around the North Side of Asamigawa **2	2013/1/8 7:30 AM	82.3	ND	92	160
Within 20km Range of Fukushima Daiichi NPS	T-14	3km Offshore of Odaka Ward	2013/1/8 9:53 AM	75.9	ND	26	49
	T-11	3km Offshore of Iwasawa Shore	2013/1/10 7:50 AM	74.2	ND	110	180
	T-D1	3km Offshore of Ukedo River	2013/1/4 9:22 AM	85.4	ND	27	53
	T-D5	3km Offshore of 1F	2013/1/4 10:09 AM	80.4	ND	29	41
	T-D9	3km Offshore of 2F	2013/1/5 9:30 AM	76.6	ND	38	73
	T-5	15km Offshore of 1F	2013/1/5 7:59 AM	75.8	ND	150	260
	T-	1km Offshore of Murakami, Odaka Ward	2013/1/7 8:39 AM	73.5	ND	16	29
	T-	2km Offshore of Murakami, Odaka Ward	2013/1/7 8:21 AM	75.3	ND	19	31
	T-	1km Offshore of Ukedo, Namie Town	2013/1/7 9:44 AM	71.3	ND	240	390
	T-	2km Offshore of Ukedo, Namie Town	2013/1/7 9:32 AM	75.4	ND	27	49
	T-	3km Offshore of Ukedo, Namie Town	2013/1/7 9:02 AM	82.1	ND	13	24
	T-	1km Offshore of Kumagawa, Okuma Town	2013/1/11 8:25 AM	77.5	ND	39	66
	T-	2km Offshore of Kumagawa, Okuma Town	2013/1/11 8:35 AM	78.0	ND	24	50
	T-	3km Offshore of Kumagawa, Okuma Town	2013/1/11 8:53 AM	71.5	ND	290	500
	T-	5km Offshore of Kumagawa, Okuma Town	2013/1/11 9:03 AM	72.5	ND	54	91
	T-	10km Offshore of Kumagawa, Okuma Town	2013/1/24 10:02 AM	76.7	ND	52	100
	T-	15km Offshore of Kumagawa, Okuma Town	2013/1/24 9:39 AM	72.0	ND	47	86
	T-	20km Offshore of Kumagawa, Okuma Town	2013/1/24 9:16 AM	72.2	ND	55	110
	T-	1km Offshore of Yamadahama, Naraha Town	2013/1/24 10:46 AM	83.3	ND	16	25
	T-S1	Around 1km Offshore of Ota River	2013/1/30 5:47 AM	77.7	ND	11	18
	T-S2	Around 3km Offshore of Odaka Ward	2013/1/30 6:21 AM	75.5	ND	15	25
	T-S3	Around 3km Offshore of Ukedo River	2013/1/28 7:16 AM	75.1	ND	75	130
	T-S4	Around 3km Offshore of 1F	2013/1/28 7:55 AM	74.1	ND	53	96
	T-S5	Around 2km Offshore of Kido River	2013/1/19 6:56 AM	76.6	ND	84	160
	T-S7	Around 2km Offshore of 2F **3	2013/1/19 6:32 AM	72.8	ND	230	410
	T-S8	Around 4km Offshore of Kumagawa **4	2013/2/9 6:55 AM	78.7	ND	15	28
	T-B1	Around 15km Offshore of Odaka Ward *1	2013/2/4 7:48 AM	83.5	ND	11	23
	T-B2	Around 18km Offshore of Ukedo River *1	2013/2/4 7:12 AM	84.1	ND	36	65
T-B3	Around 10km Offshore of 1F	2013/2/4 6:18 AM	82.0	ND	10	20	
T-B4	Around 10km Offshore of 2F	2013/2/4 7:26 AM	78.4	ND	19	37	
Within 30km Range	T-13-1	1km Offshore of Nida River	2013/1/17 8:15 AM	84.8	ND	5	12
	T-7	15km Offshore of Iwasawa Shore	2013/1/16 8:16 AM	68.7	ND	71	140
Out of 30km Range	T-18	3km Offshore of Onahama Port	2013/1/16 11:06 AM	66.4	ND	260	450
	T-12	3km offshore of North of Iwaki City	2013/1/21 6:45 AM	76.6	ND	29	54
	T-17-1	1km Offshore of Natsui River	2013/1/21 7:30 AM	66.8	ND	160	300
	T-20	3km Offshore of Toyoma	2013/1/21 8:05 AM	76.7	ND	21	37
	T-22	3km Offshore of Soma	2013/1/17 6:45 AM	69.8	ND	46	93
	T-MA	5km Offshore of Kashima	2013/1/17 7:30 AM	85.9	ND	5	9
T-M10	5km Offshore of Numanouchi	2013/1/16 10:06 AM	73.5	ND	120	220	

* Data of other nuclides is under evaluation.

* "ND" indicates that the measurement result is below the detection limit.

(I-131: Approx. 170Bq/kg Dry Soil)

As the detection limit may vary depending on the detectors and sample properties, there are cases where nuclides below the detection limit are detected.

* 1F: Fukushima Daiichi Nuclear Power Station, 2F: Fukushima Daini Nuclear Power Station

* The half-life of each nuclide is provided in parentheses.

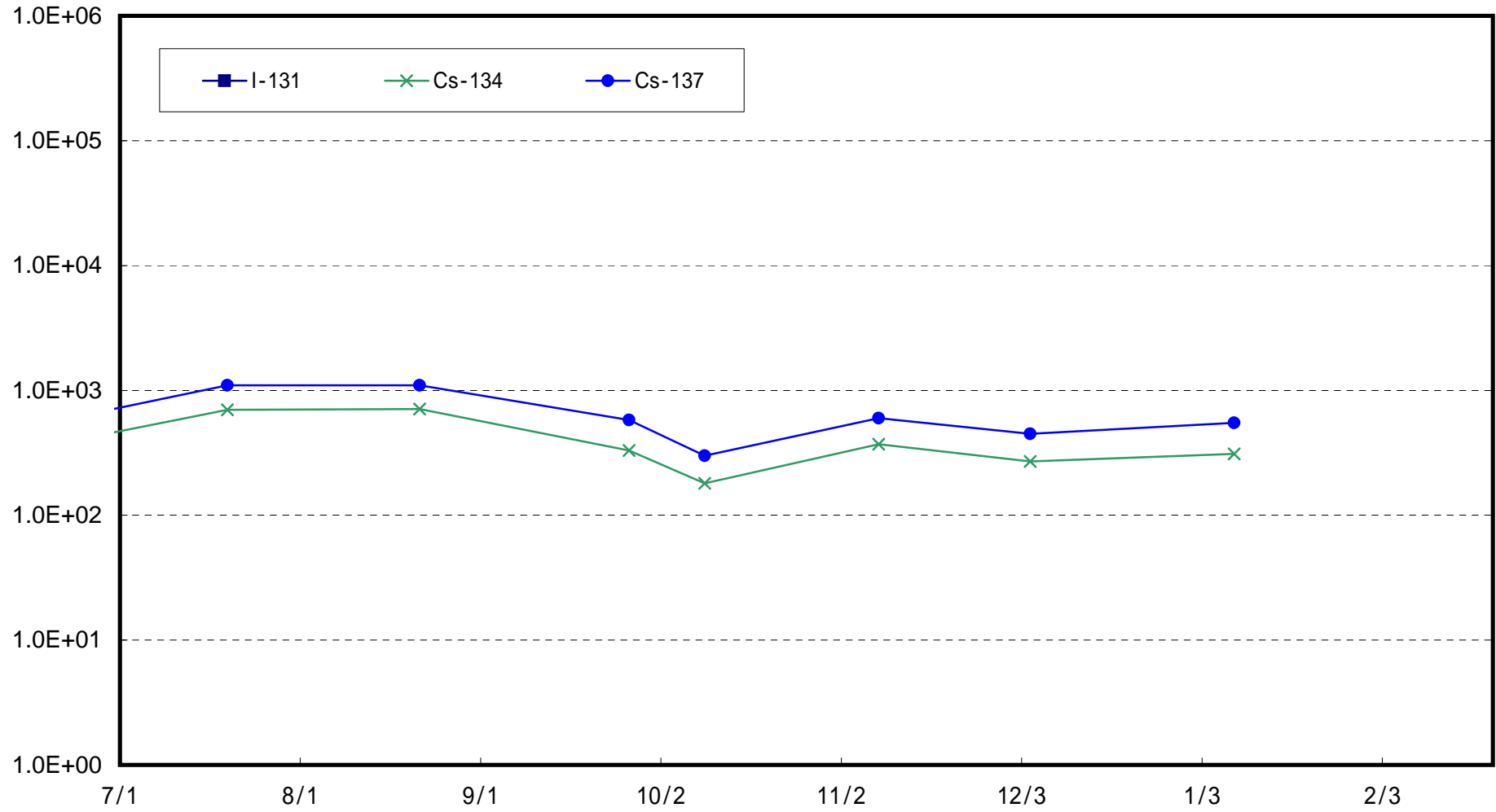
**1 Place of Sampling was changed from "T-2" to "T-2-1" from November.

**2 Place of Sampling was changed from "T-4" to "T-4-2" from October.

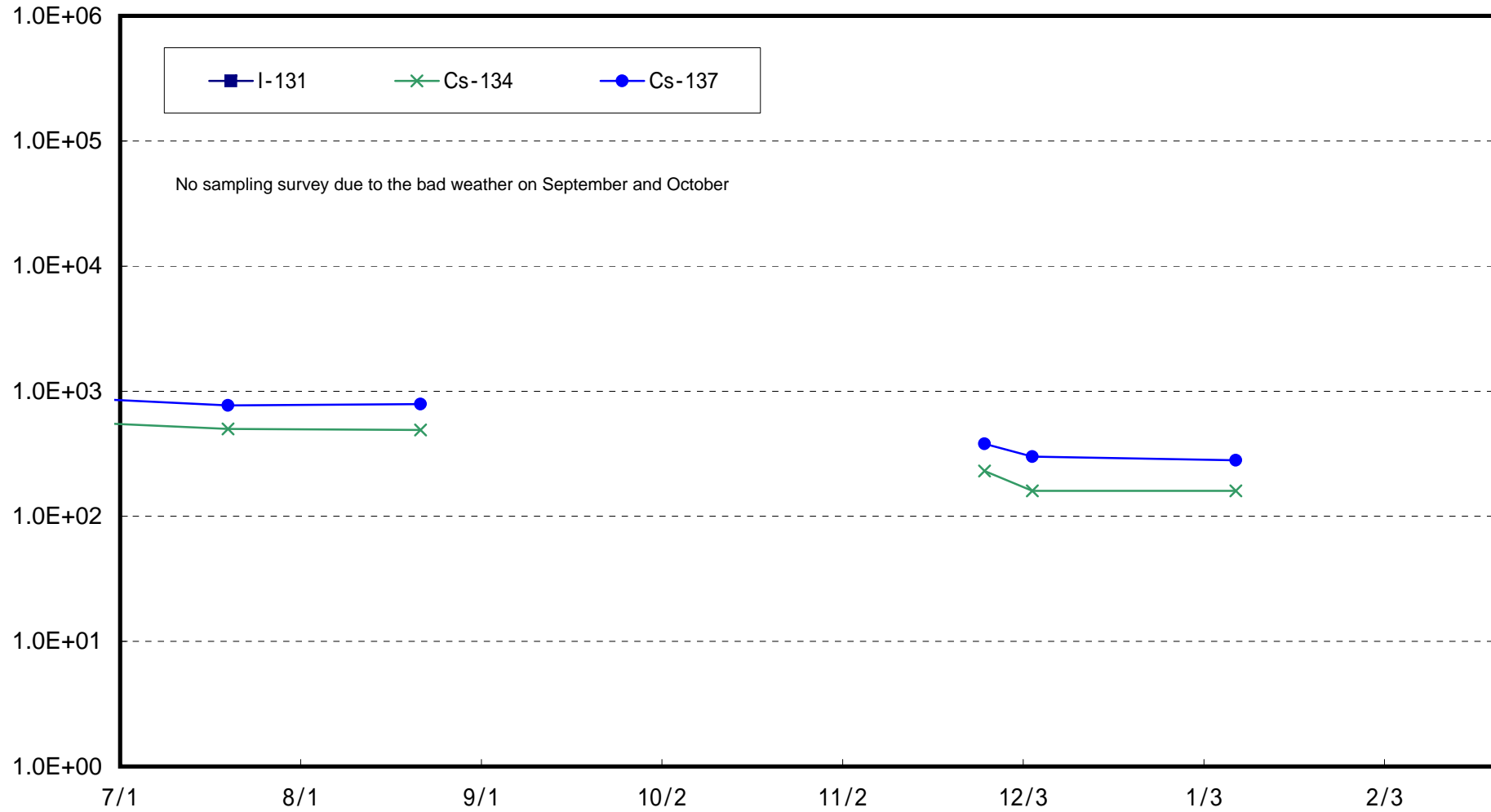
**3 "T-S7" is added from May 2012.

**4 "T-S8" is added from July 2012.

Radioactivity Density of the Marine Soil at North Discharge Channel of Fukushima Daiichi NPS
(Around 5,6U Discharge Channel) (T-1) (Bq/kg, dry soil)

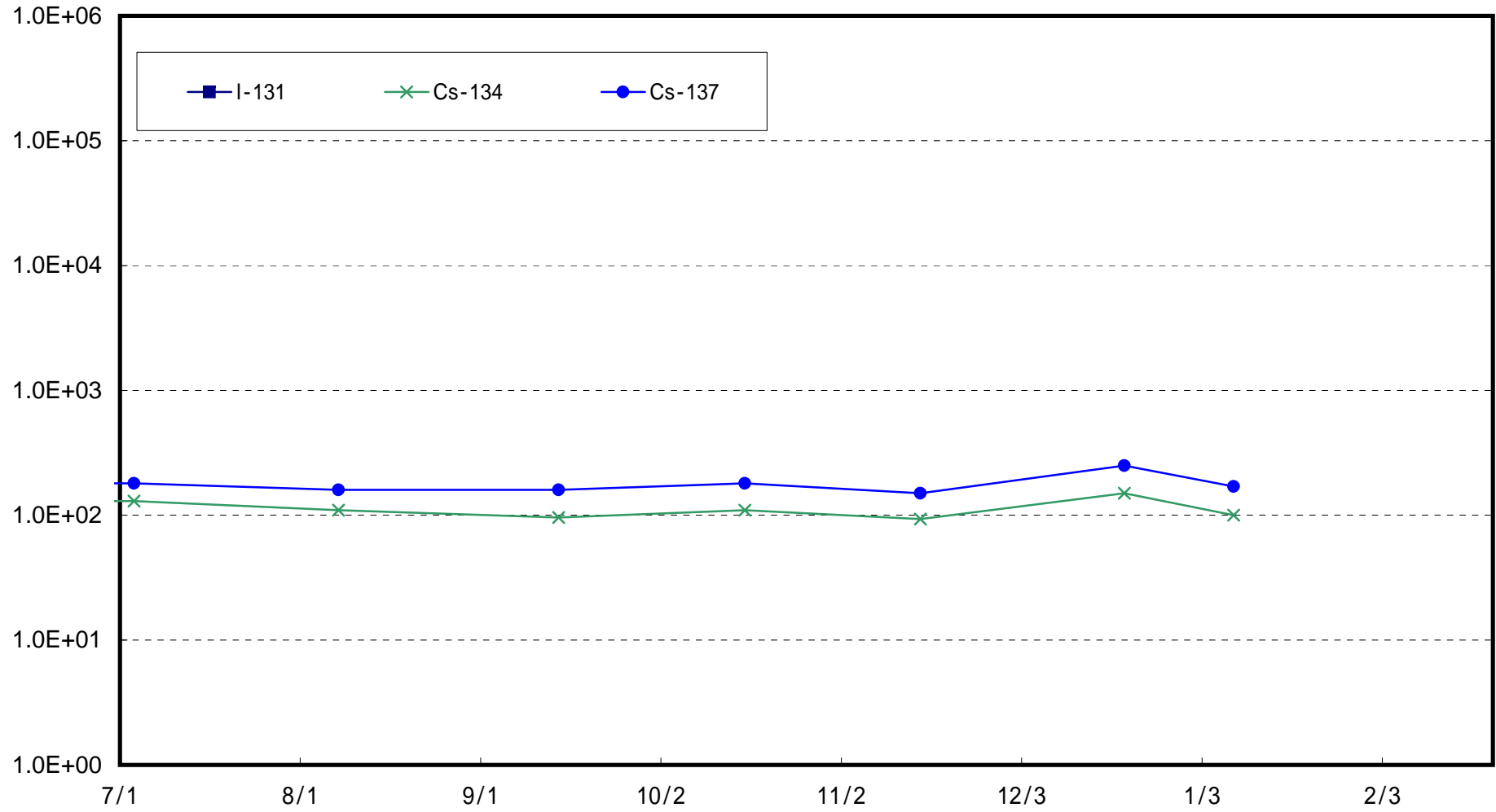


Radioactivity Density of the Marine Soil at South Discharge Channel of Fukushima Daiichi NPS
(T-2-1) (Bq/kg, dry soil)

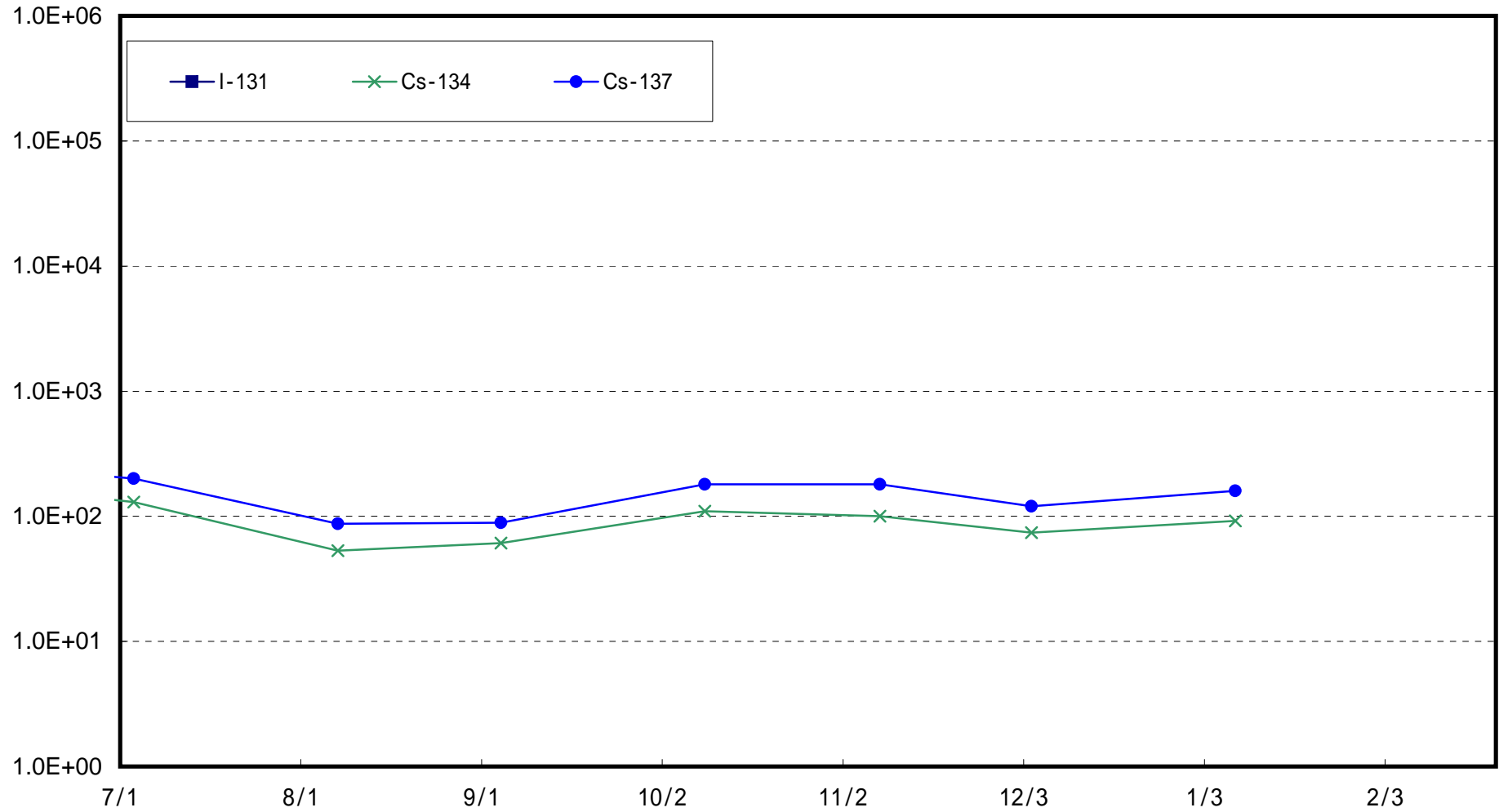


Sampling was conducted at around South Discharge Channel of Fukushima Daiichi NPS (approx. 330m south of Units 1-4 Discharge Channel) until November 25, 2012.

Radioactivity Density of the Marine Soil around North Discharge Channel of Fukushima Daini NPS
(T-3) (Bq/kg, dry soil)

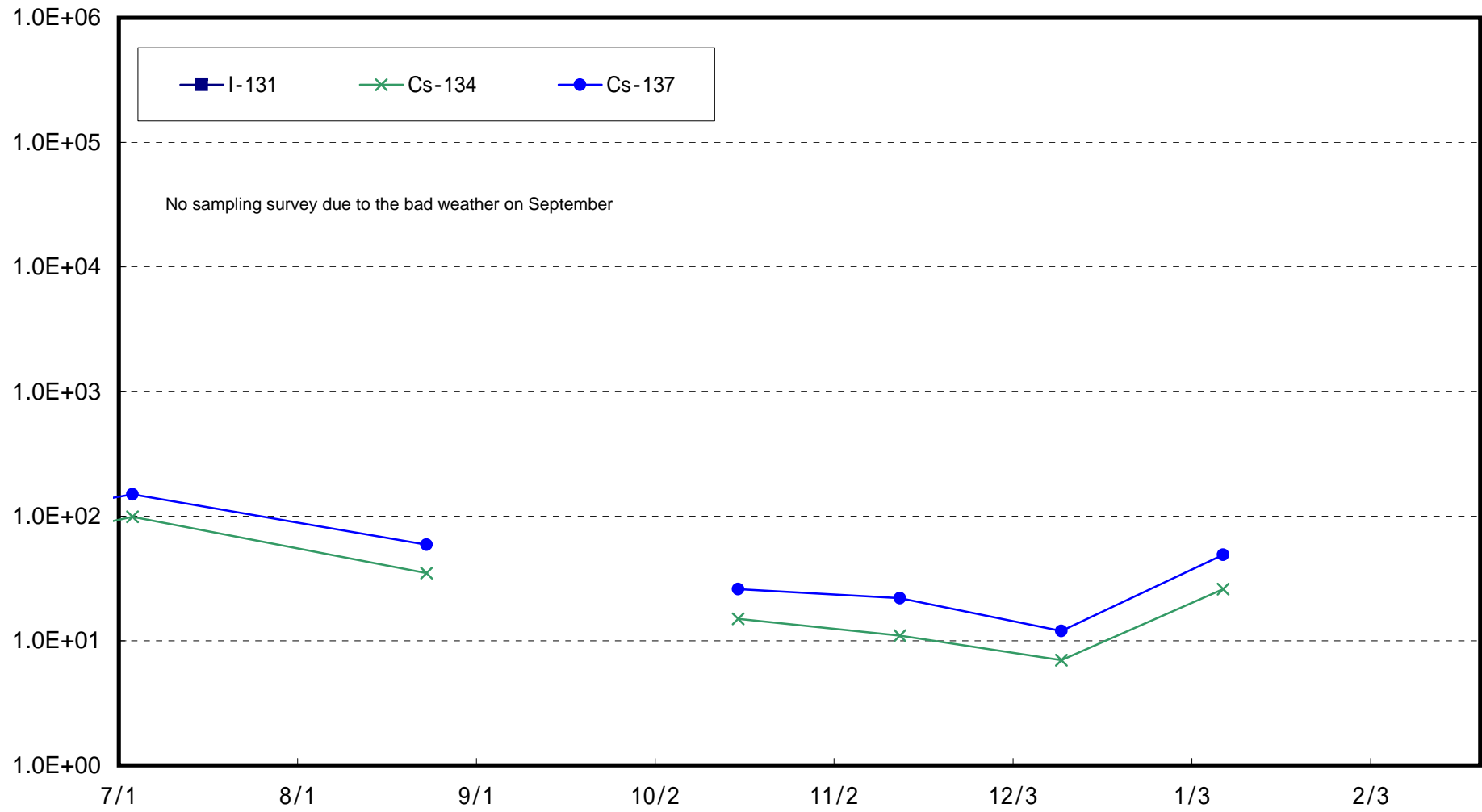


Radioactivity Density of the Marine Soil around the North Side of Asamigawa
(T-4-1) (Bq/kg, dry soil)

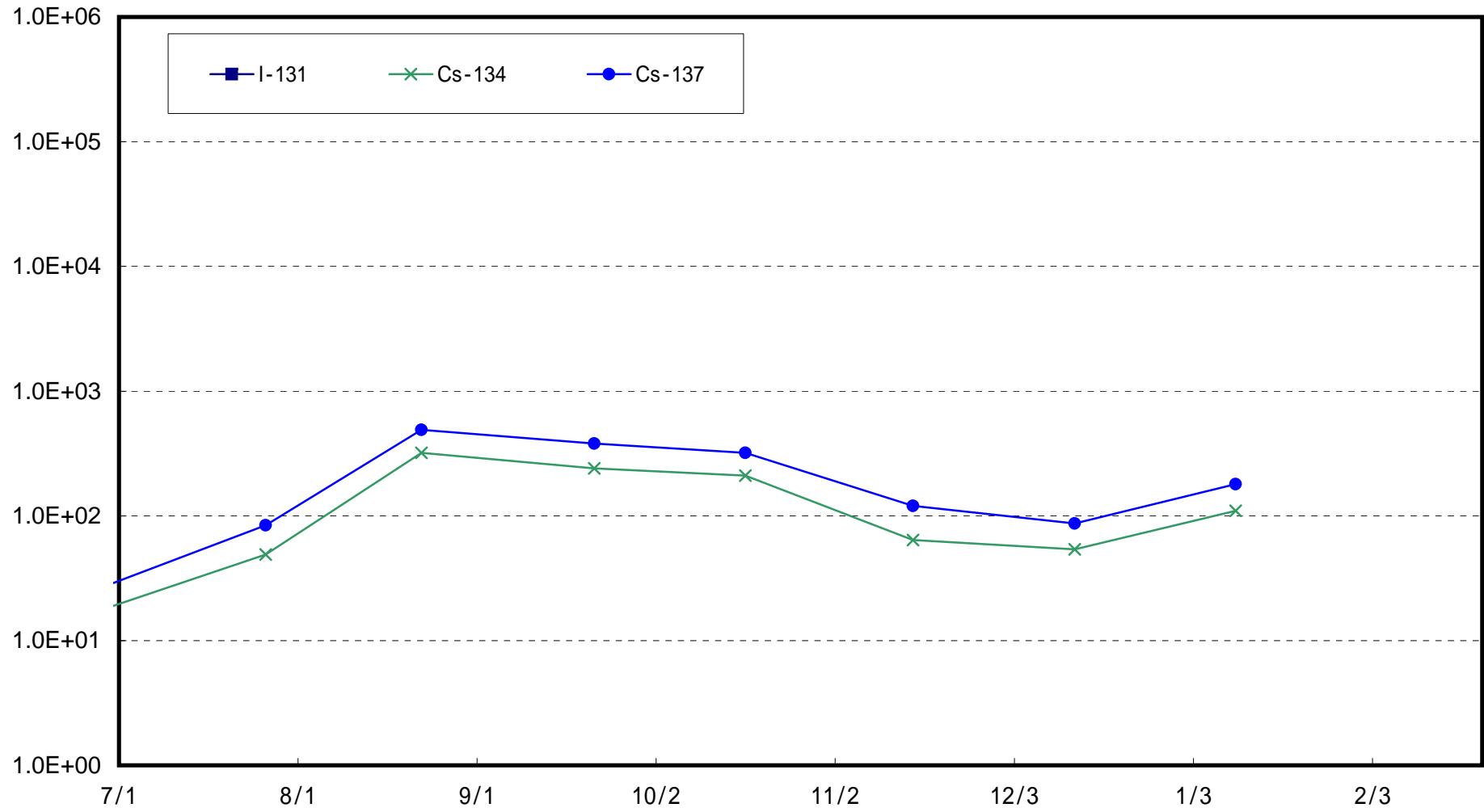


Sampling was conducted at around Iwasawa Shore of Fukushima Daini NPS (approx. 7km south of Units 1-2 Discharge Channel) (approx. 16km of Fukushima Daiichi NPS) until September 26, 2012.

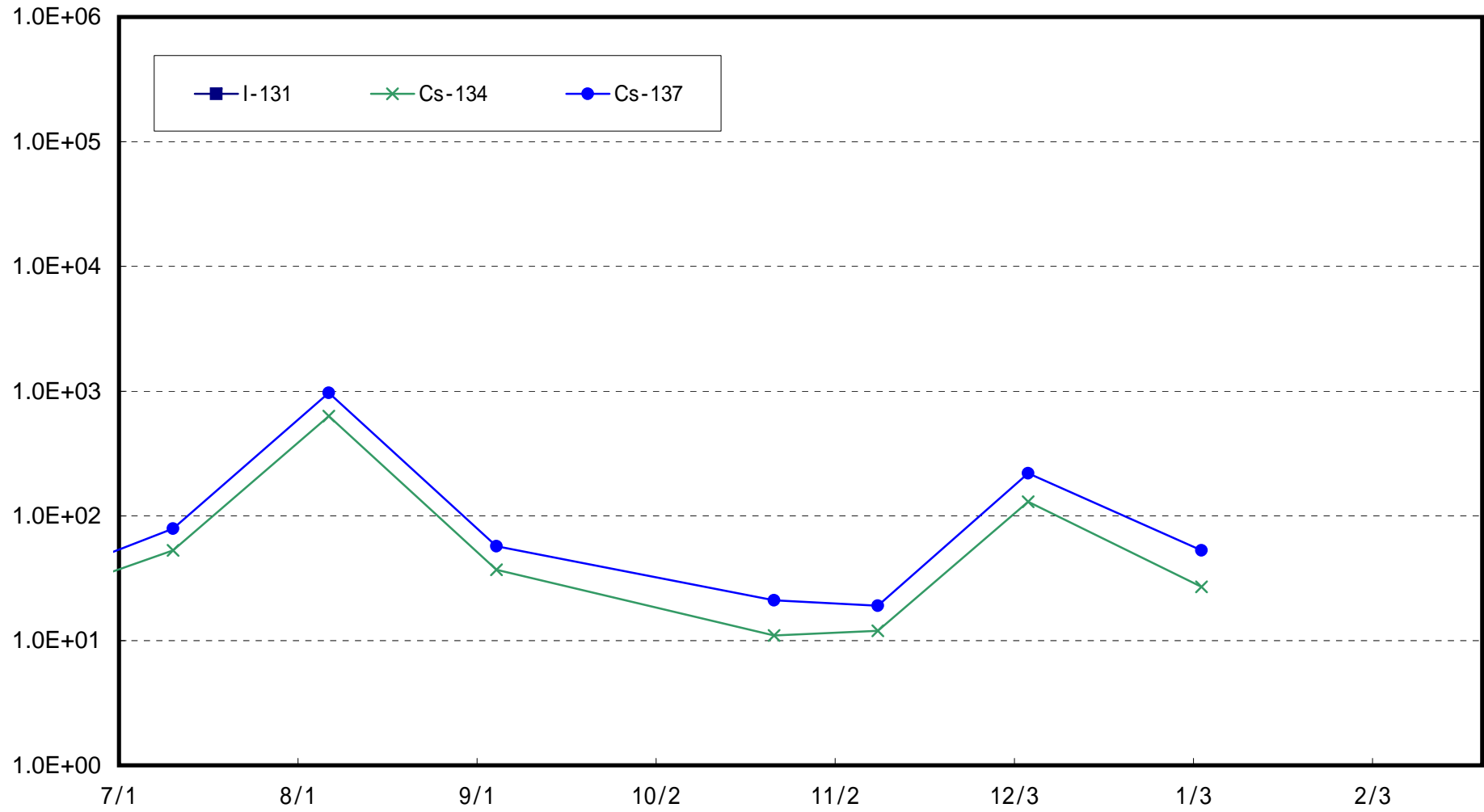
Radioactivity Density of the Marine Soil at Around 3km Offshore of Odaka Ward
(T-14) (Bq/kg , dry soil)



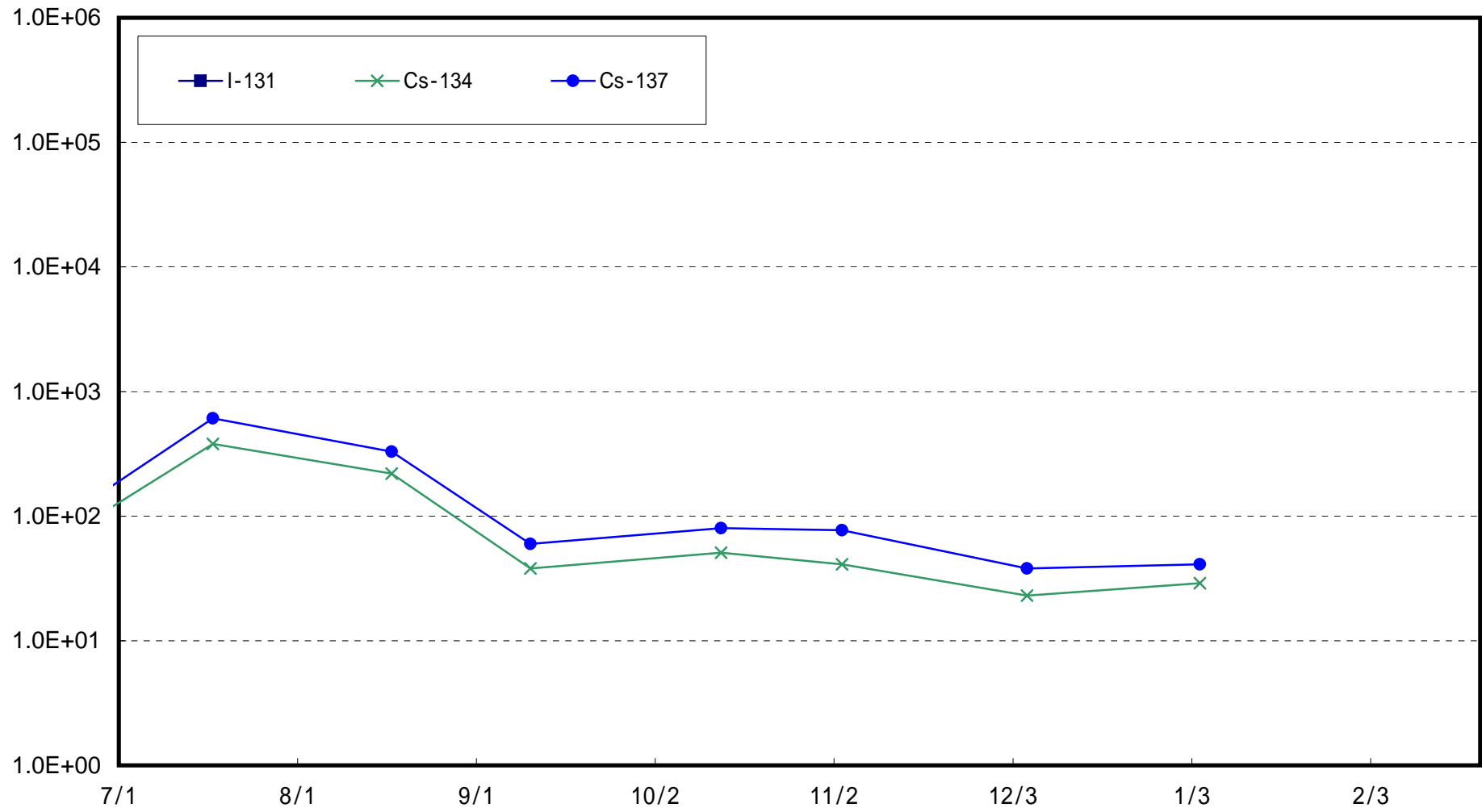
Radioactivity Density of the Marine Soil at 3km Offshore of Iwasawa Shore
(T-11) (Bq/kg, dry soil)



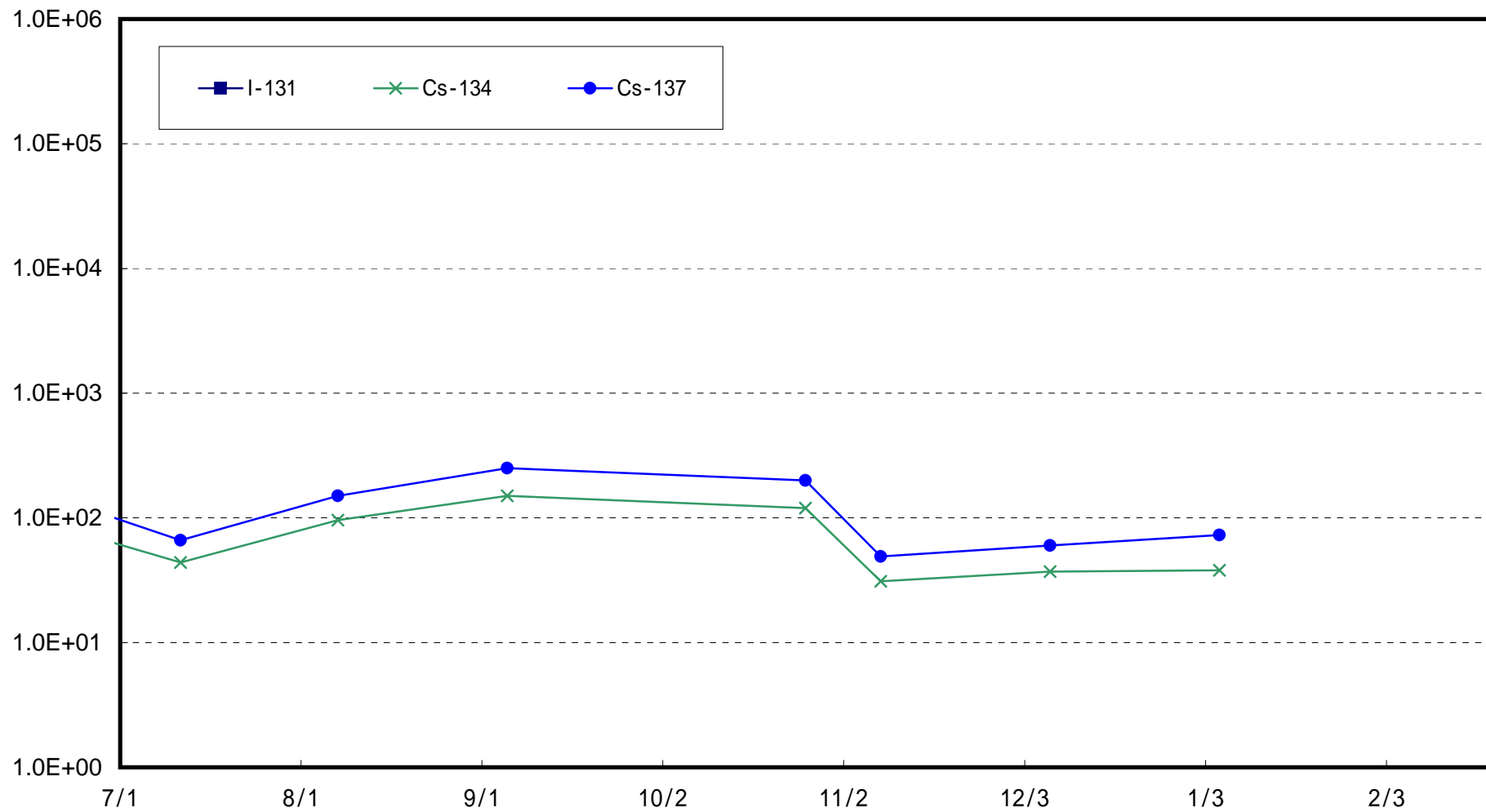
Radioactivity Density of the Marine Soil at 3km Offshore of Ukedo River
(T-D1) (Bq/kg, dry soil)



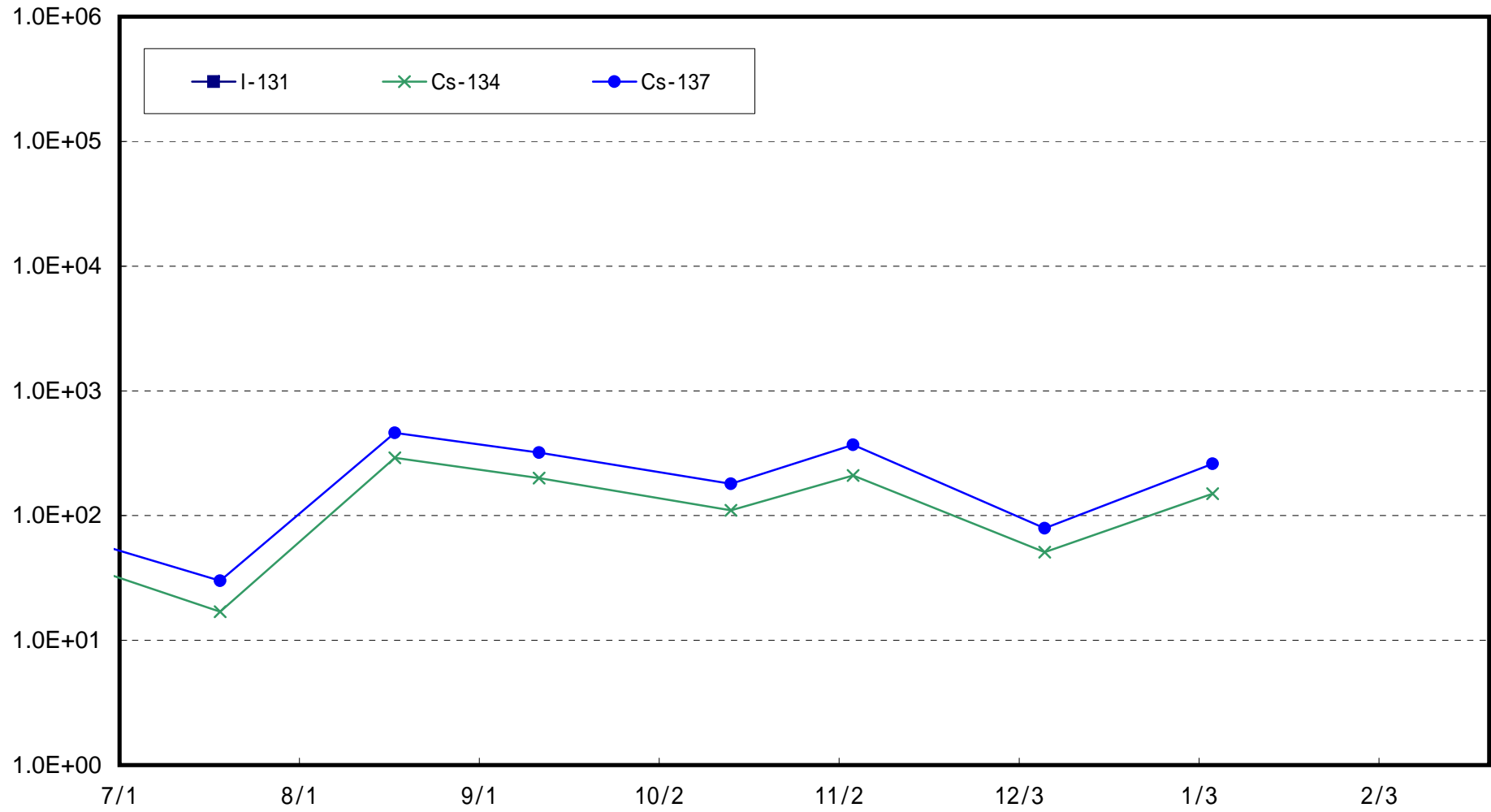
Radioactivity Density of the Marine Soil at 3km Offshore of Fukushima Daiichi NPS
(T-D5) (Bq/kg , dry soil)



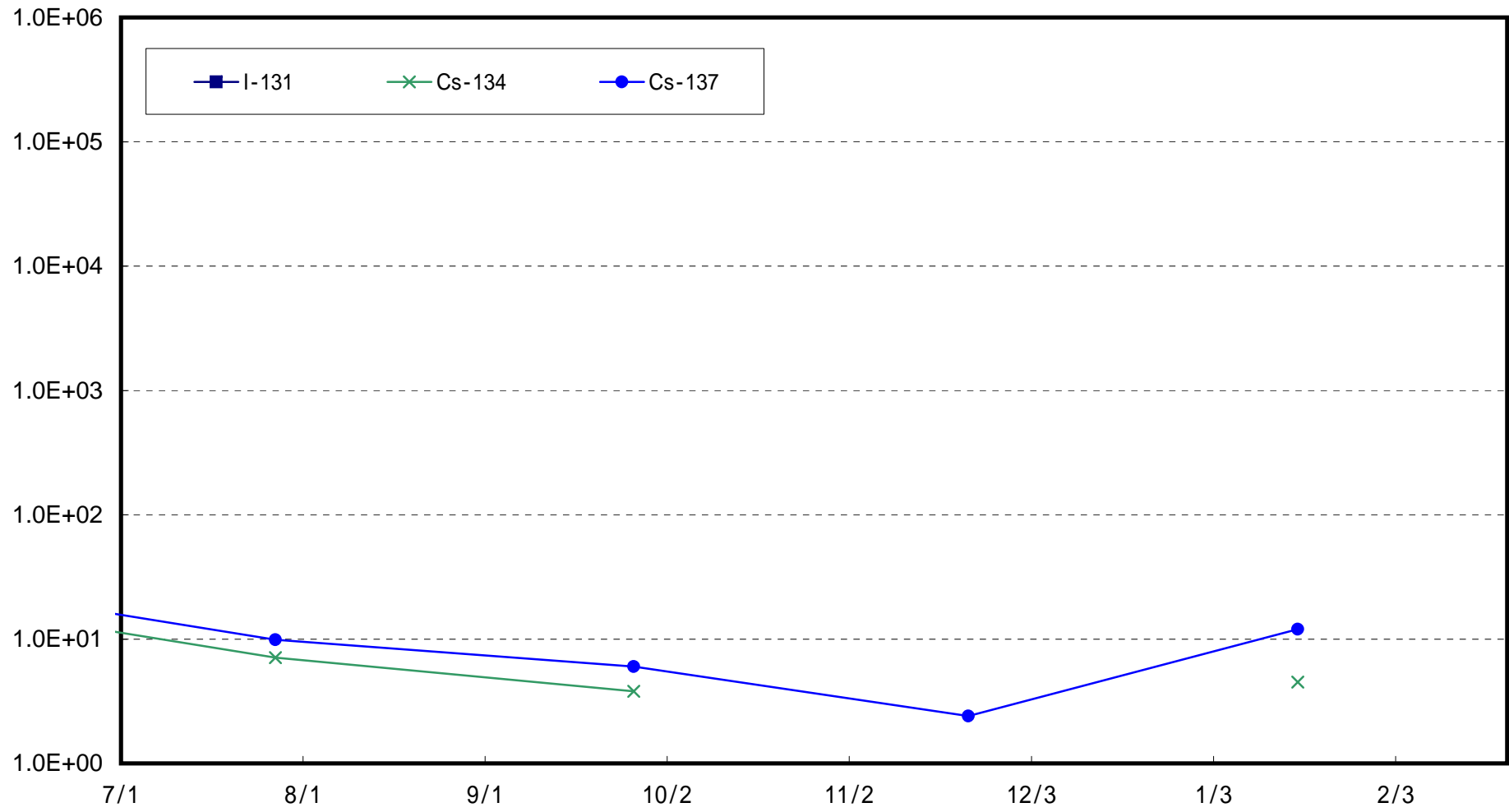
Radioactivity Density of the Marine Soil at 3km Offshore of Fukushima Daini NPS
(T-D9) (Bq/kg, dry soil)



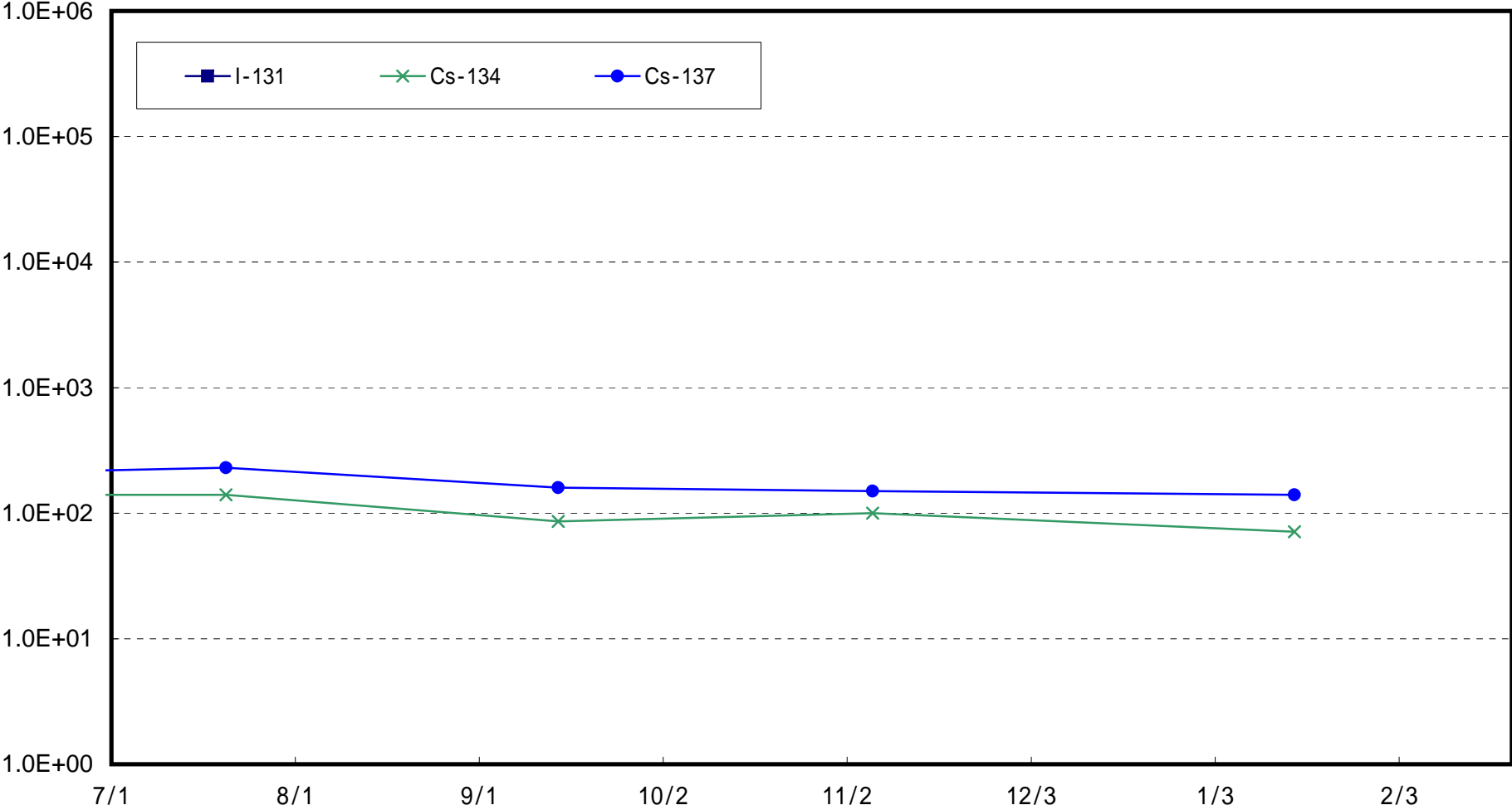
Radioactivity Density of the Marine Soil at 15km Offshore of Fukushima Daiichi NPS
(T-5) (Bq/kg, dry soil)



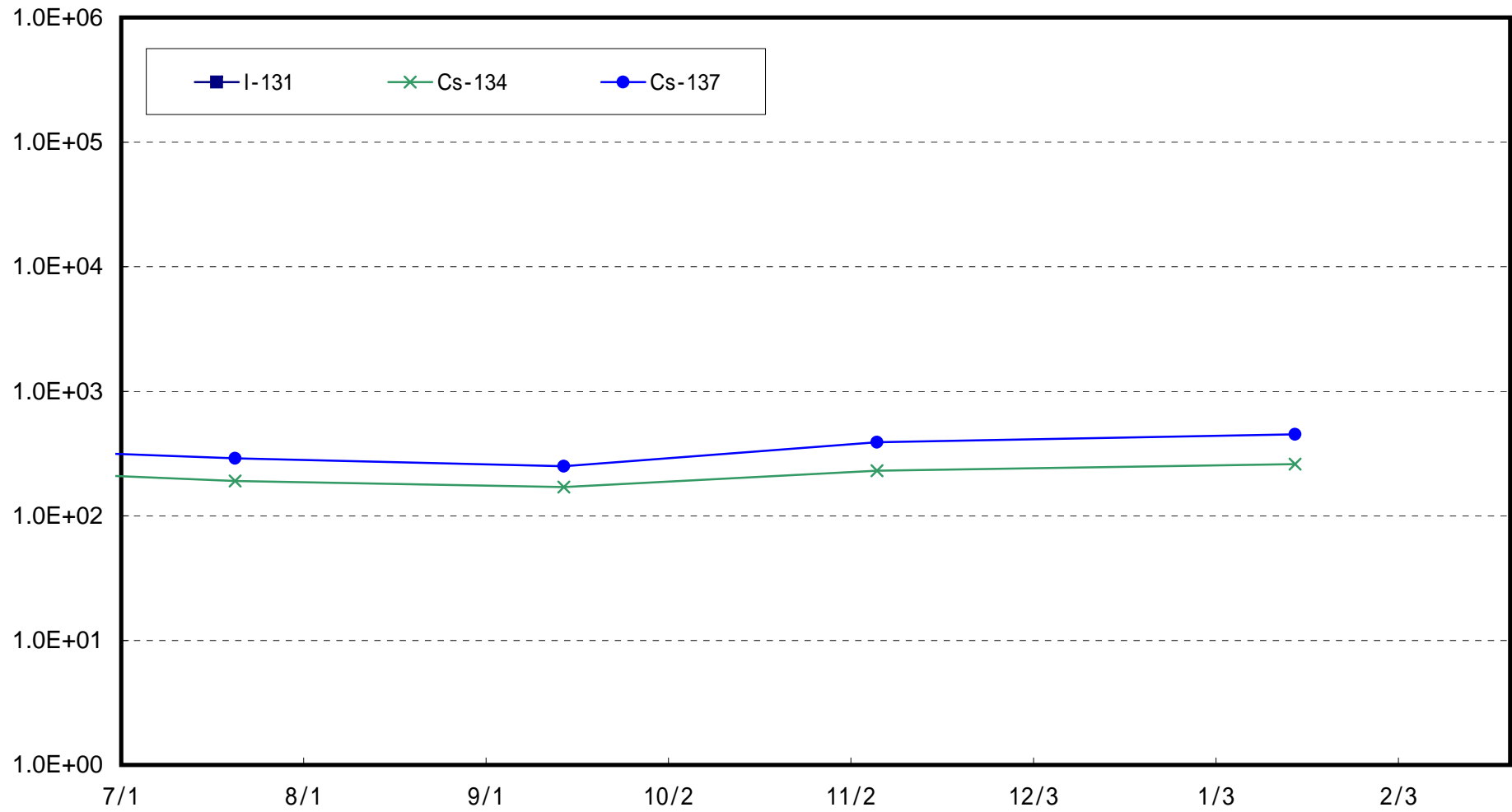
Radioactivity Density of the Marine Soil at 1km Offshore of Nida River (T-13-1) (Bq/kg (dry soil))



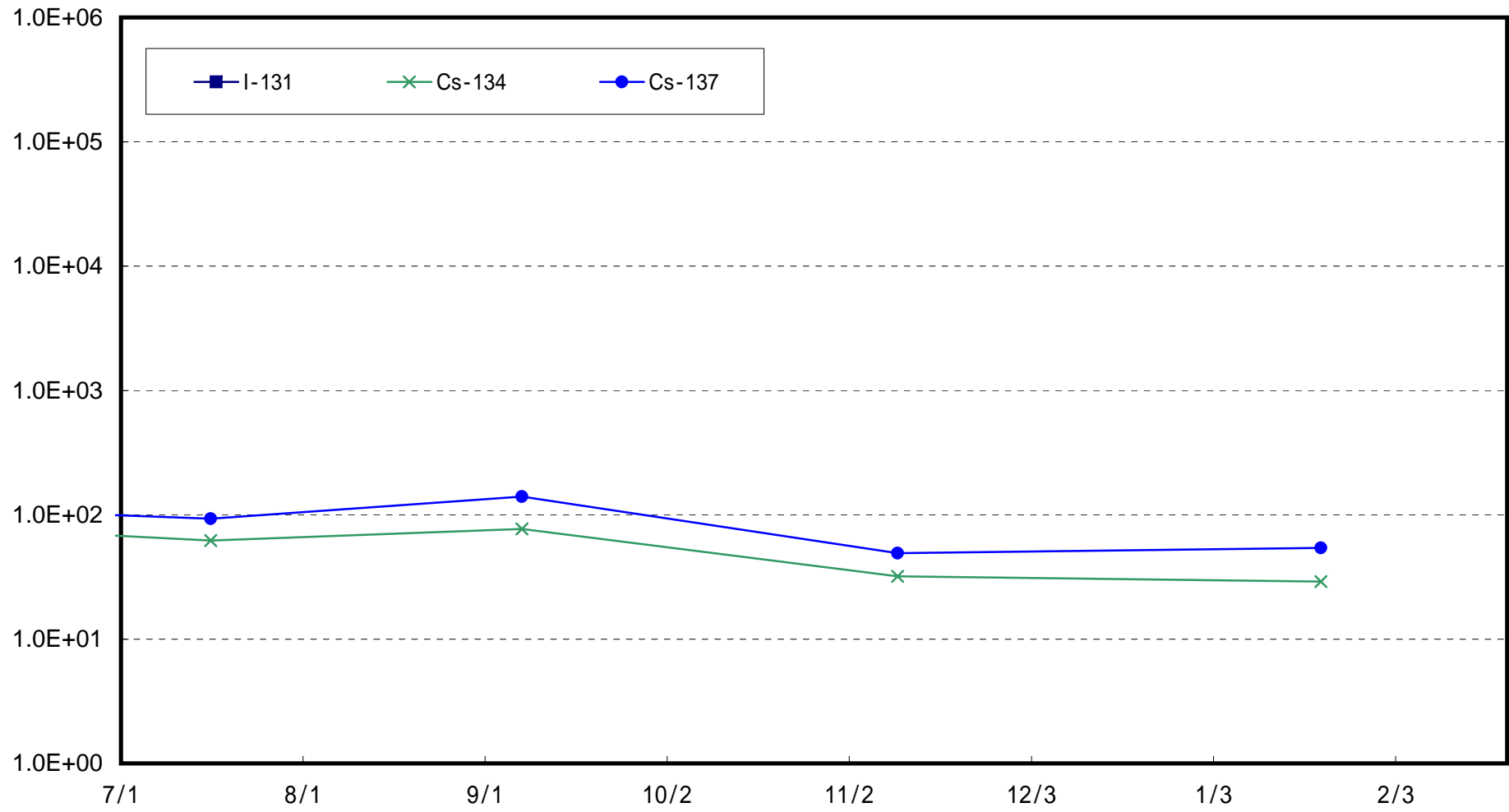
Radioactivity Density of the Marine Soil at 15km Offshore of Iwasawa Shore (T-7) (Bq/kg (dry soil))



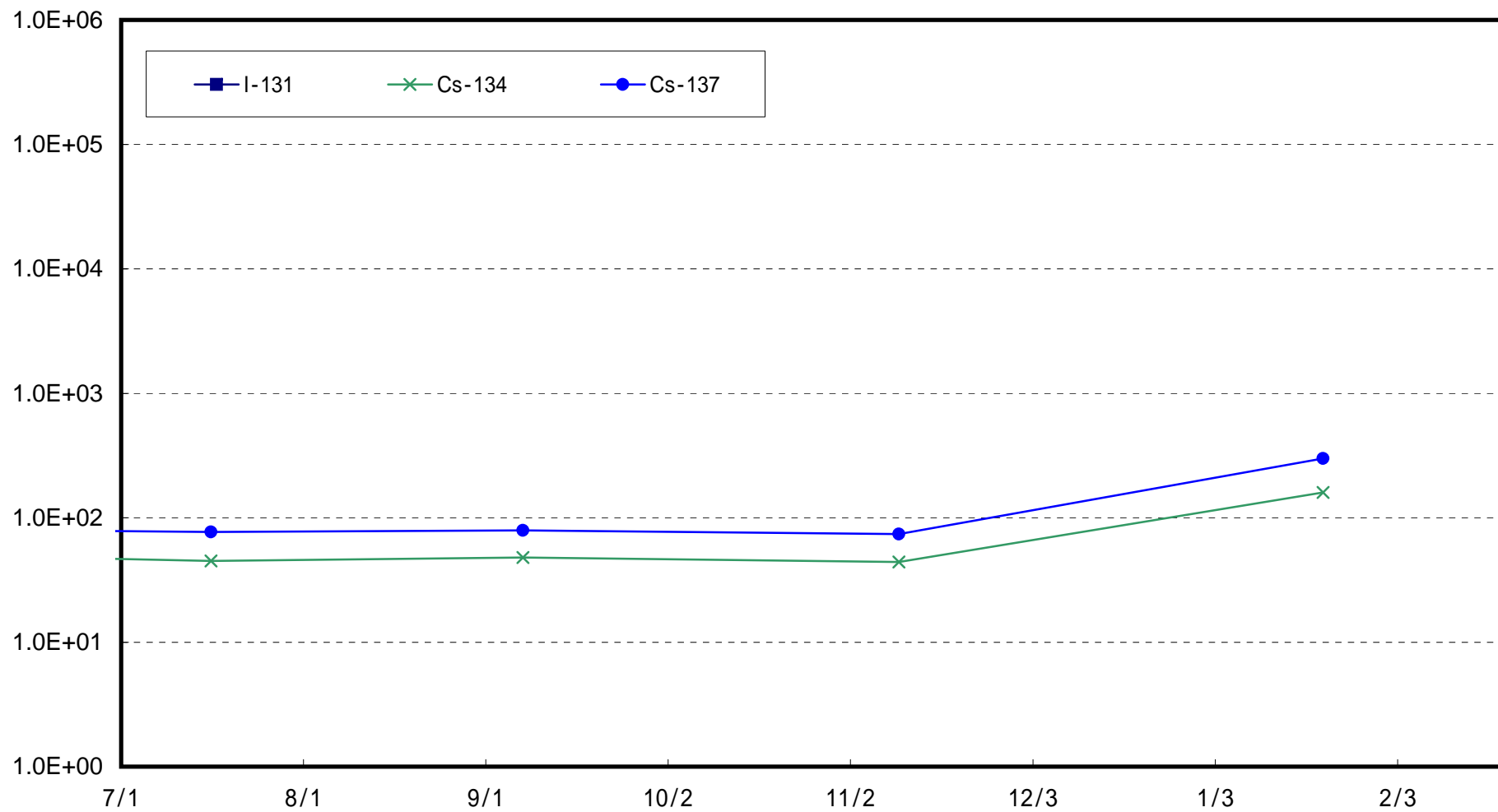
Radioactivity Density of the Marine Soil at 3km Offshore of Onahama Port (T-18) (Bq/kg (dry soil))



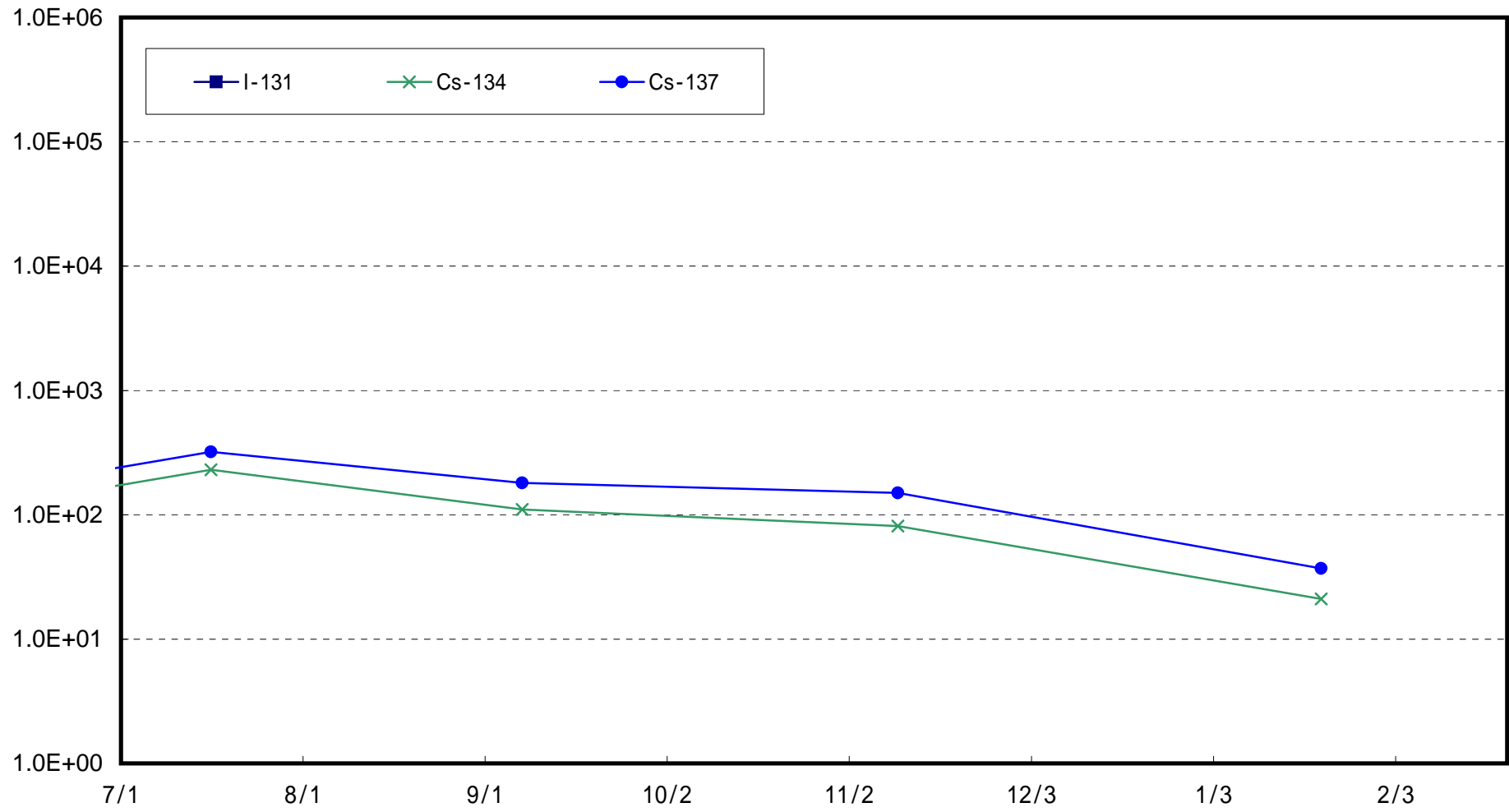
Radioactivity Density of the Marine Soil at 3km offshore of North of Iwaki City (T-12) (Bq/kg (dry soil))



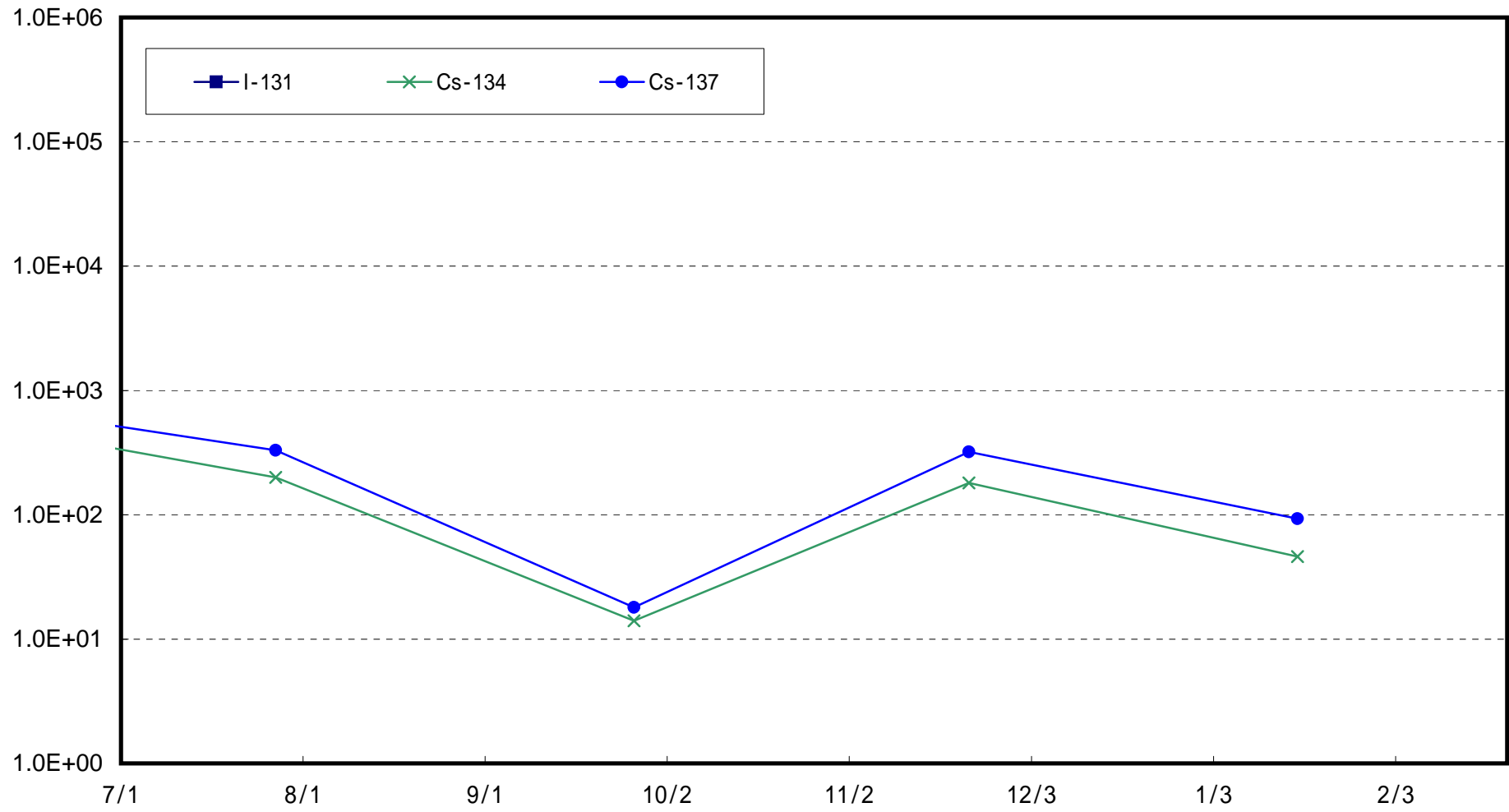
Radioactivity Density of the Marine Soil at 1km Offshore of Natsui River (T-17-1) (Bq/kg (dry soil))



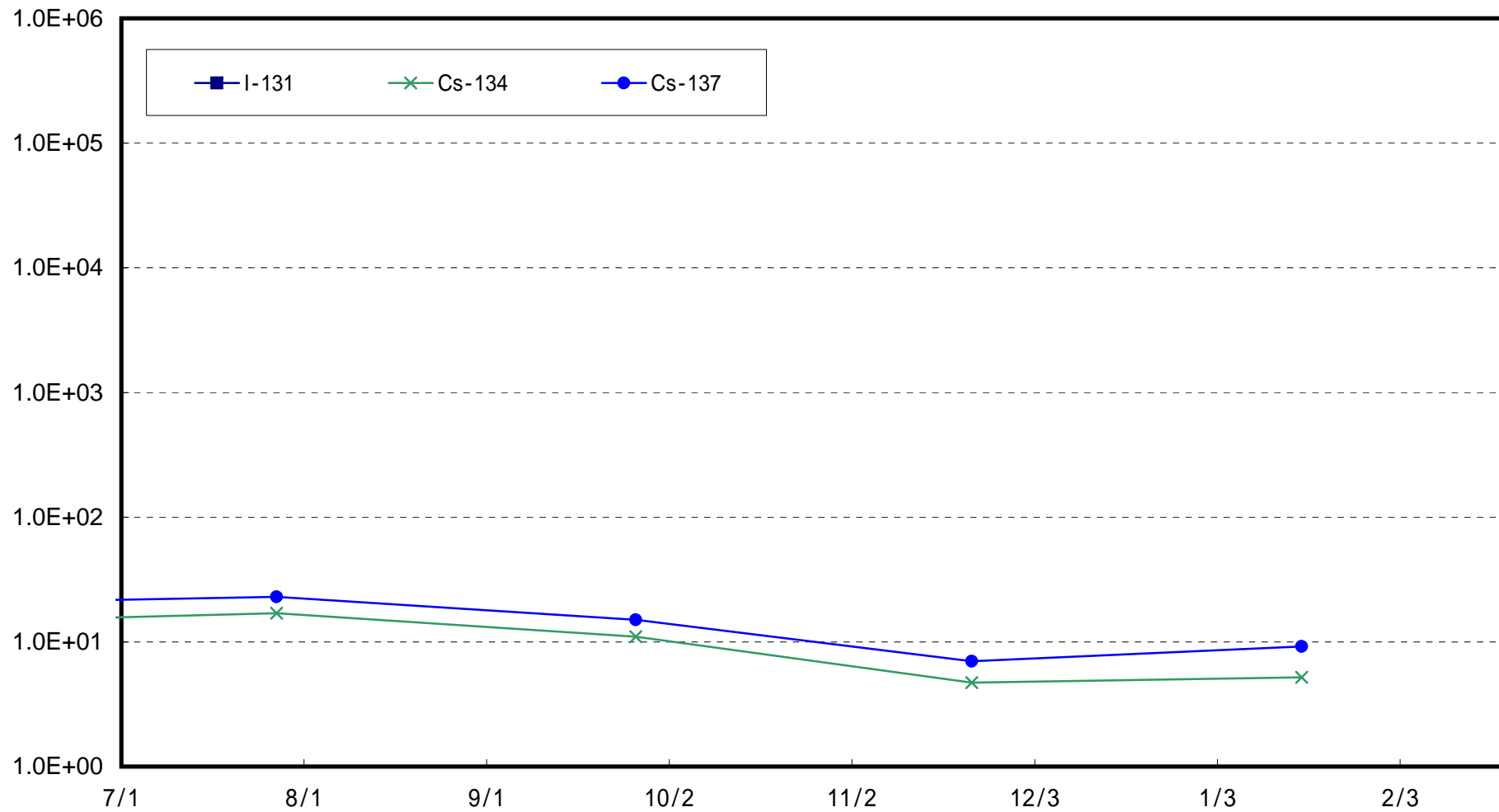
Radioactivity Density of the Marine Soil at 3km Offshore of Toyoma (T-20) (Bq/kg (dry soil))



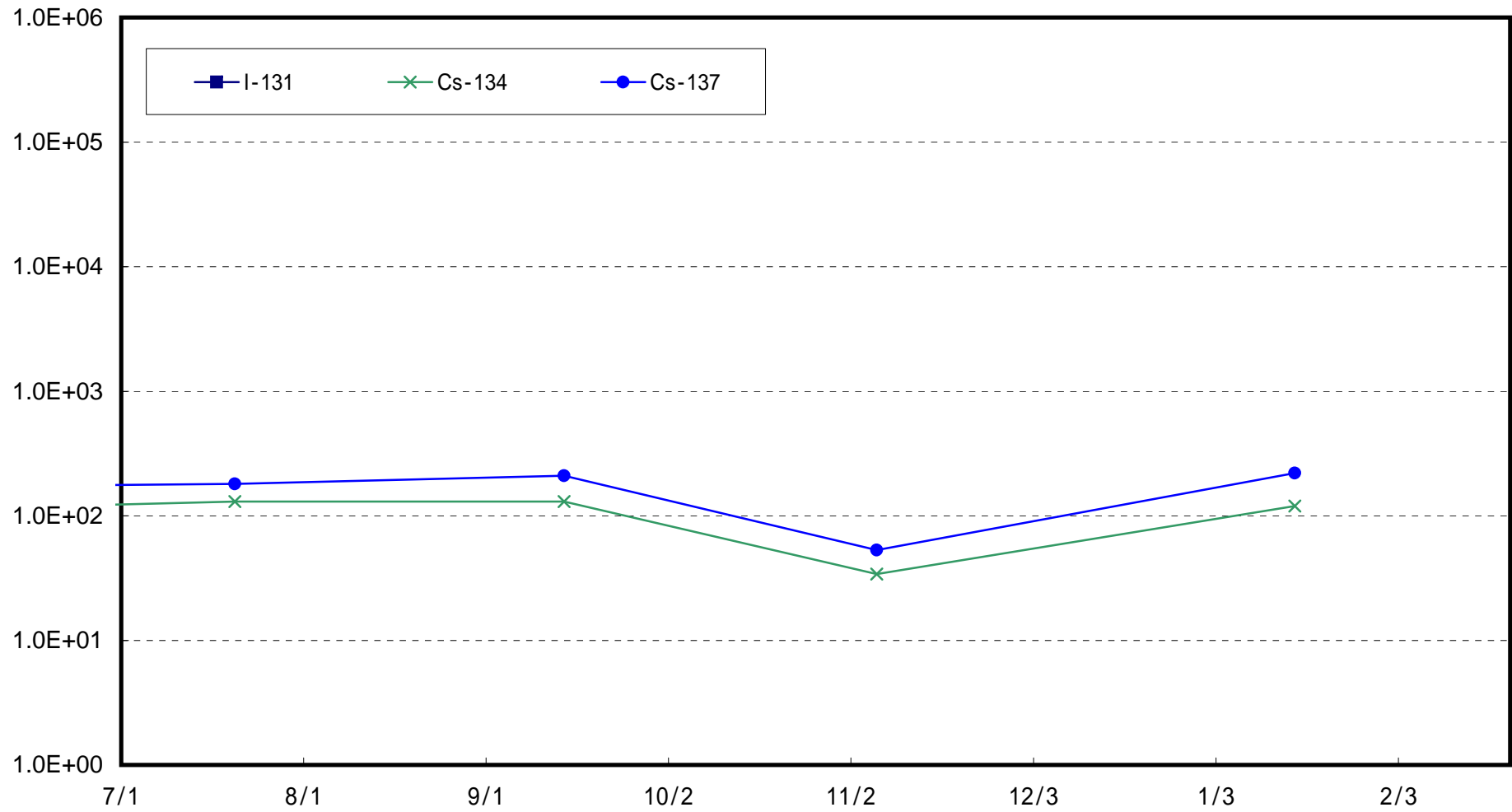
Radioactivity Density of the Marine Soil at 3km Offshore of Soma (T-22) (Bq/kg (dry soil))



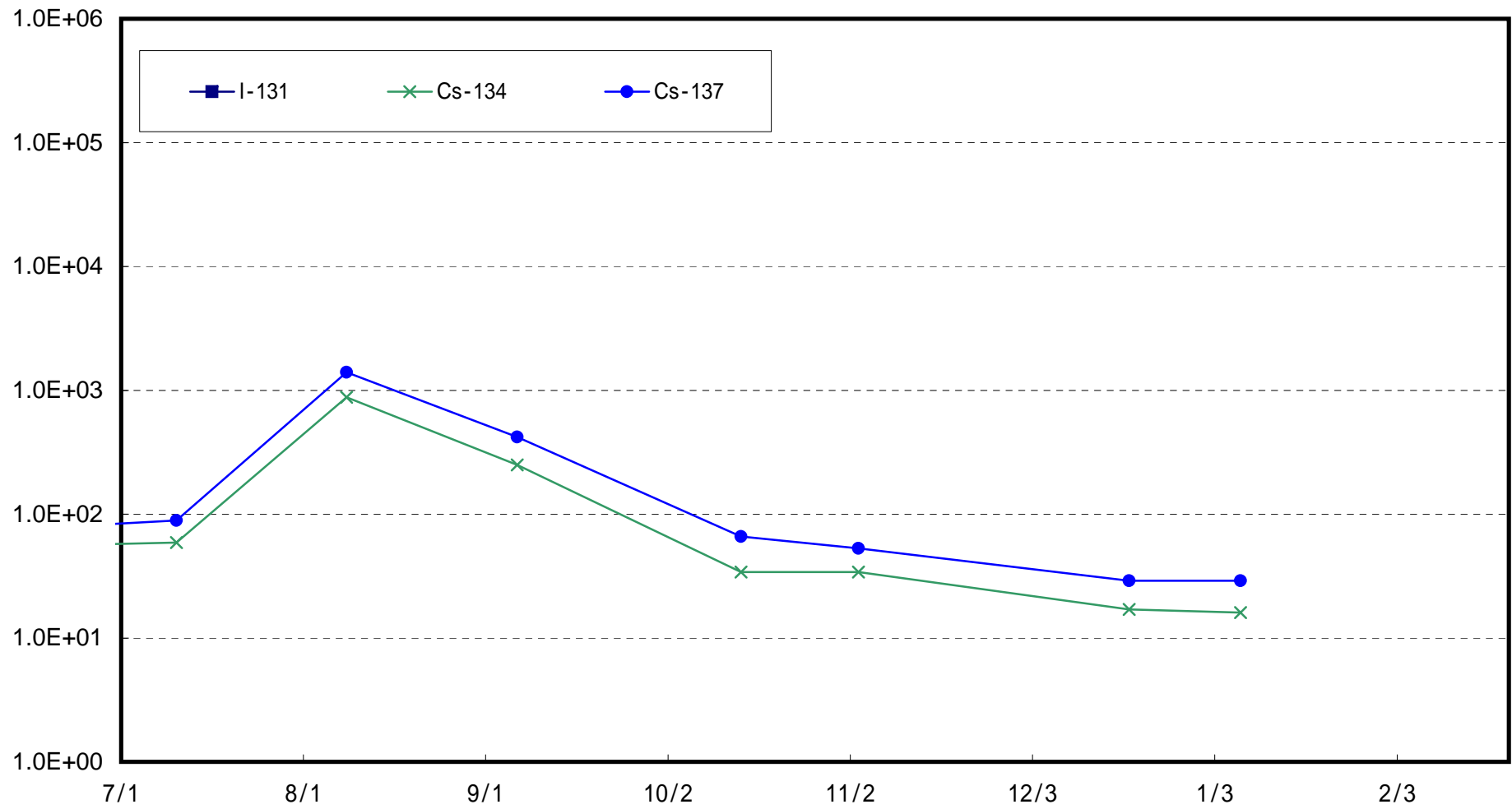
Radioactivity Density of the Marine Soil at 5km Offshore of Kashima (T-MA) (Bq/kg (dry soil))



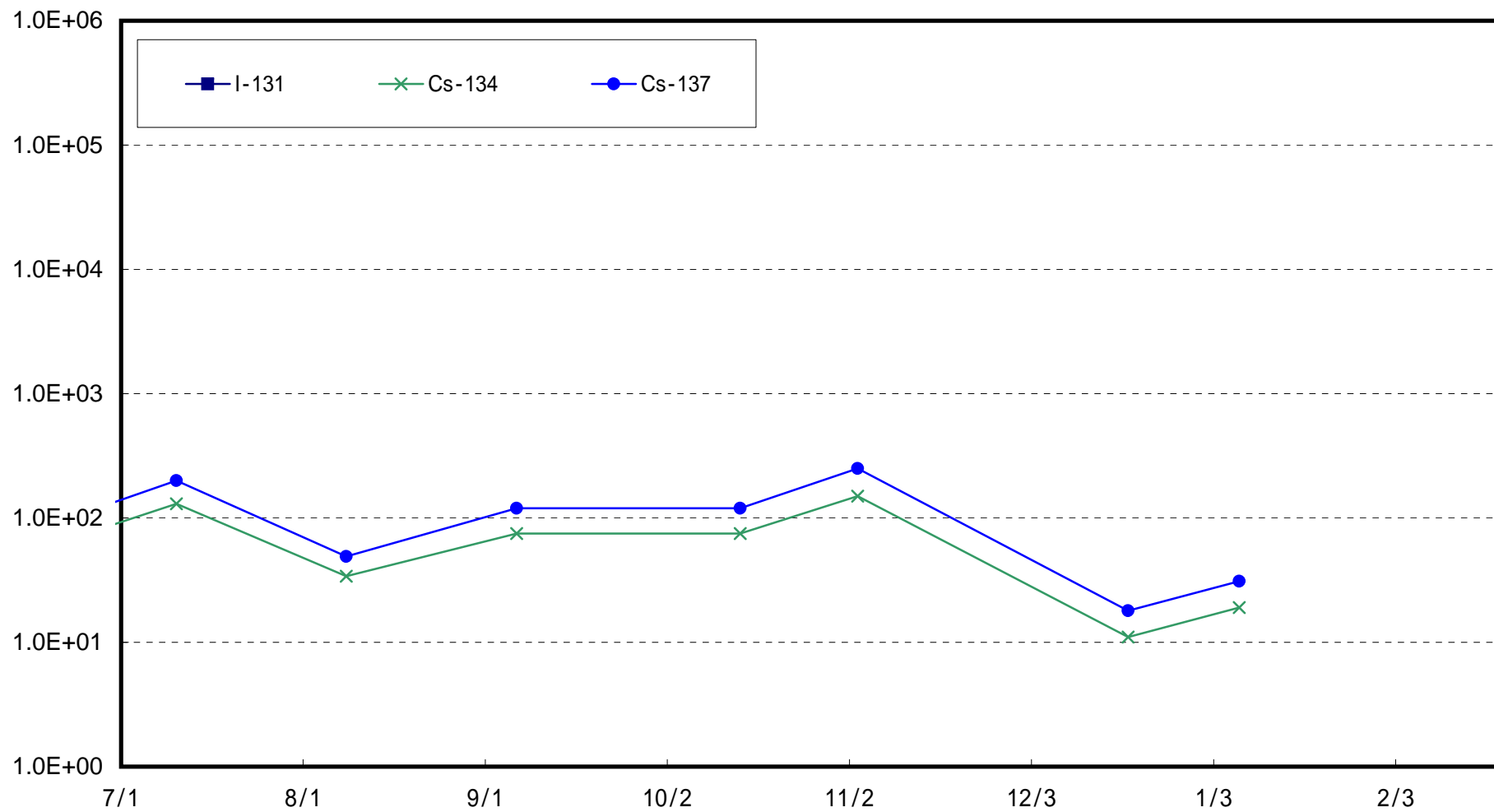
Radioactivity Density of the Marine Soil at 5km Offshore of Numanouchi (T-M10) (Bq/kg (dry soil))



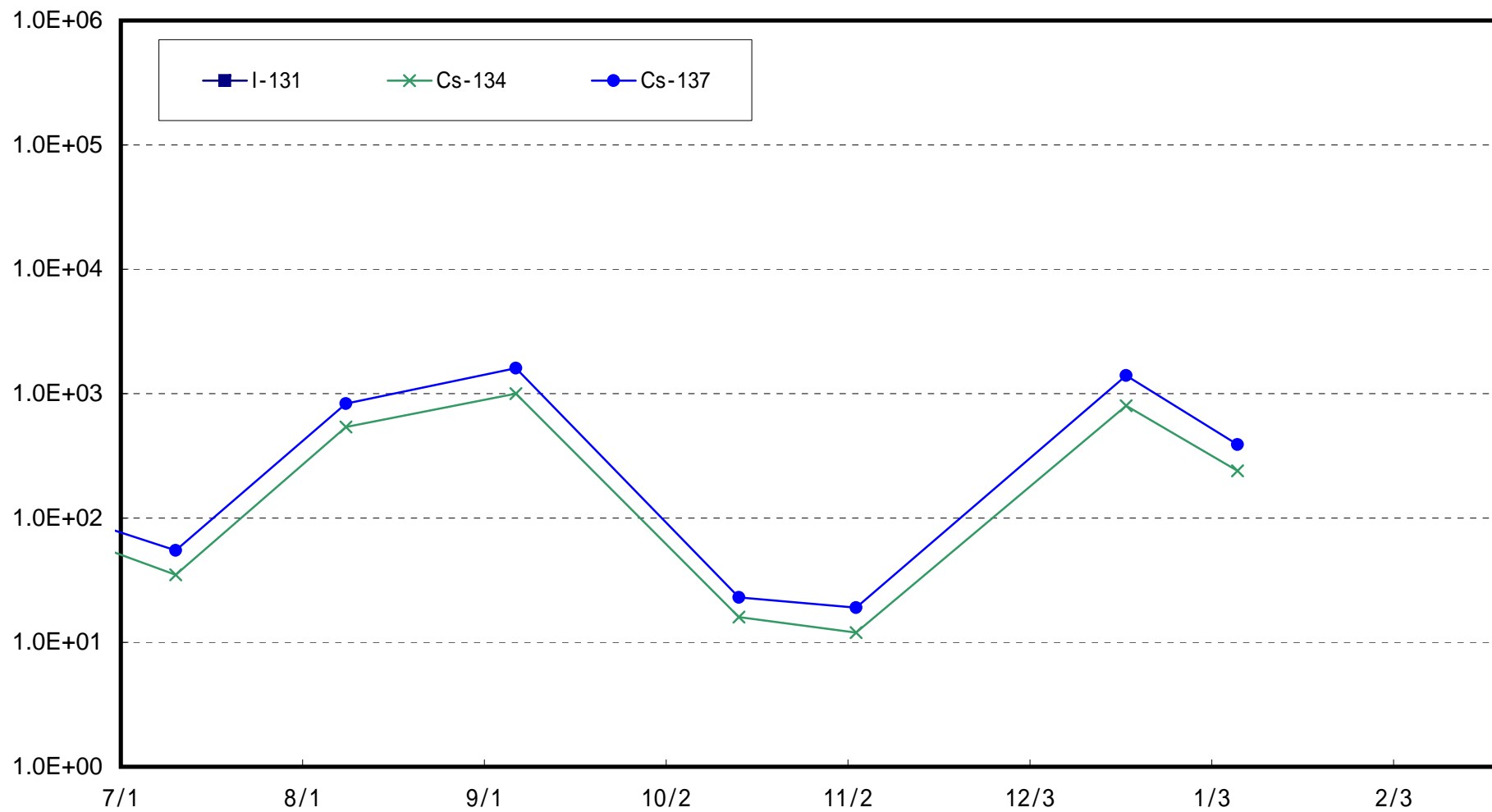
Radioactivity Density of the Marine Soil at 1km Offshore of Murakami, Odaka Ward (T-) (Bq/kg (dry soil))



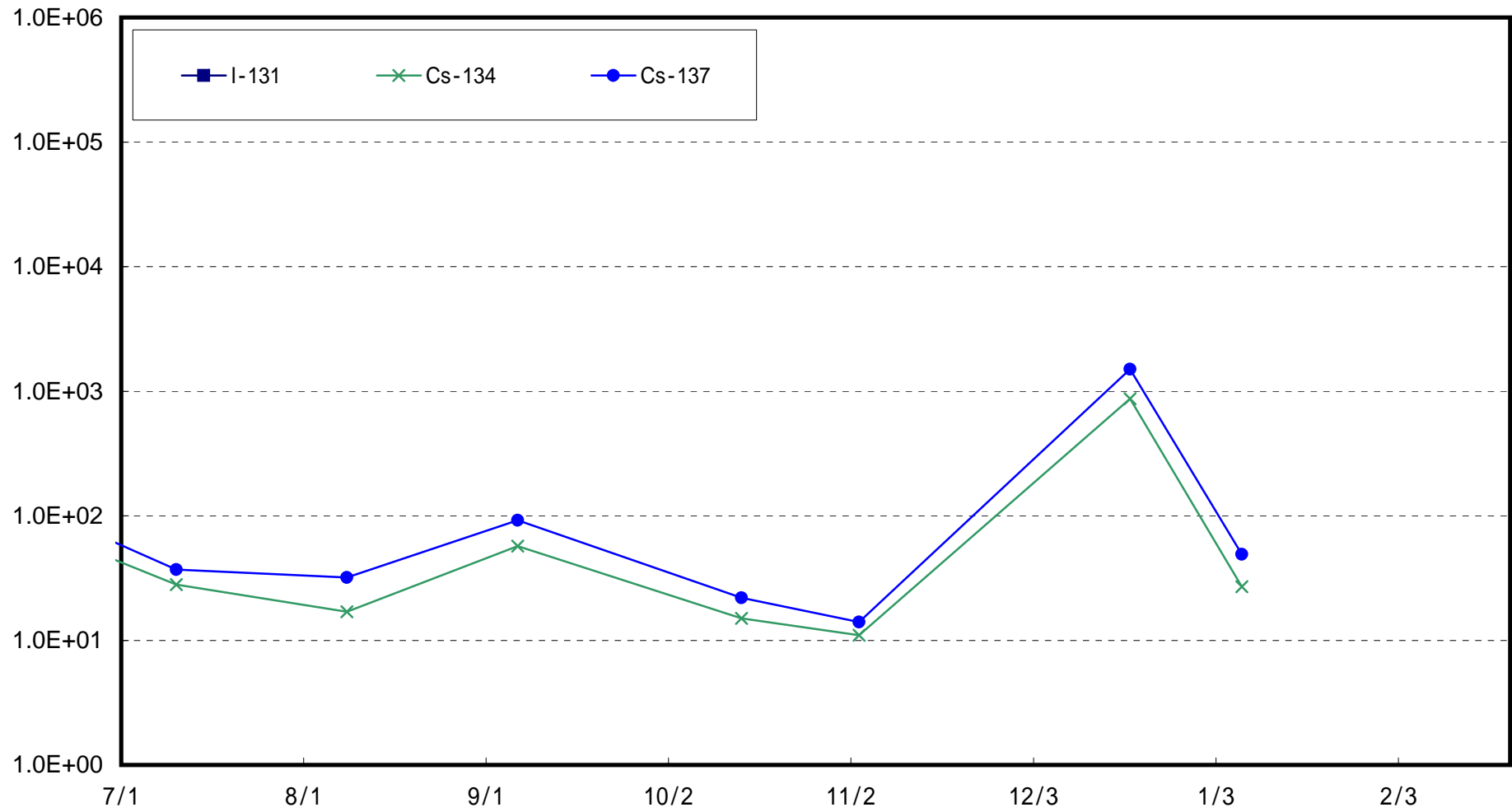
Radioactivity Density of the Marine Soil at 2km Offshore of Murakami, Odaka Ward (T-) (Bq/kg (dry soil))



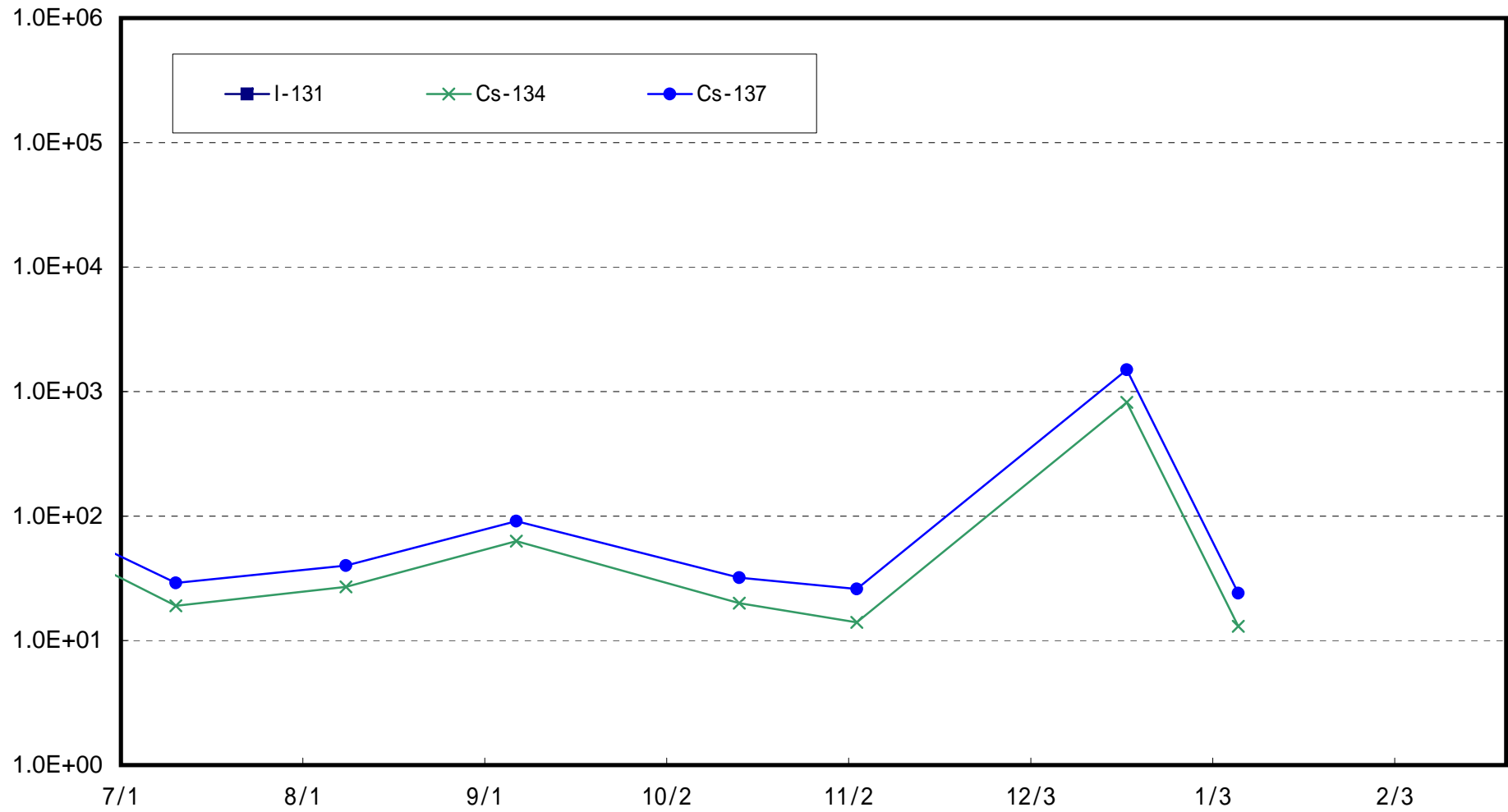
Radioactivity Density of the Marine Soil at 1km Offshore of Ukedo, Namie Town (T-) (Bq/kg (dry soil))



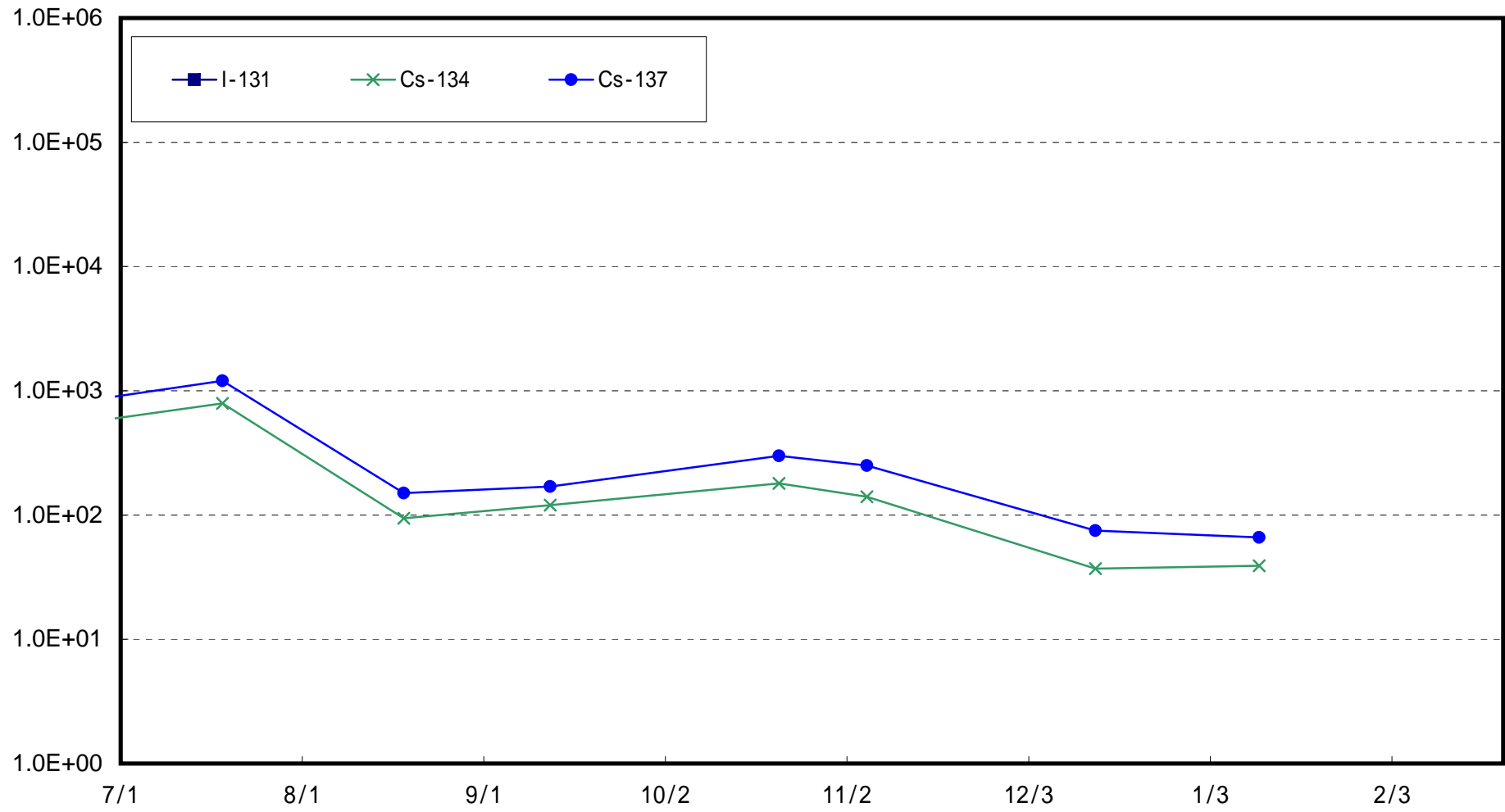
Radioactivity Density of the Marine Soil at 2km Offshore of Ukedo, Namie Town (T-) (Bq/kg (dry soil))



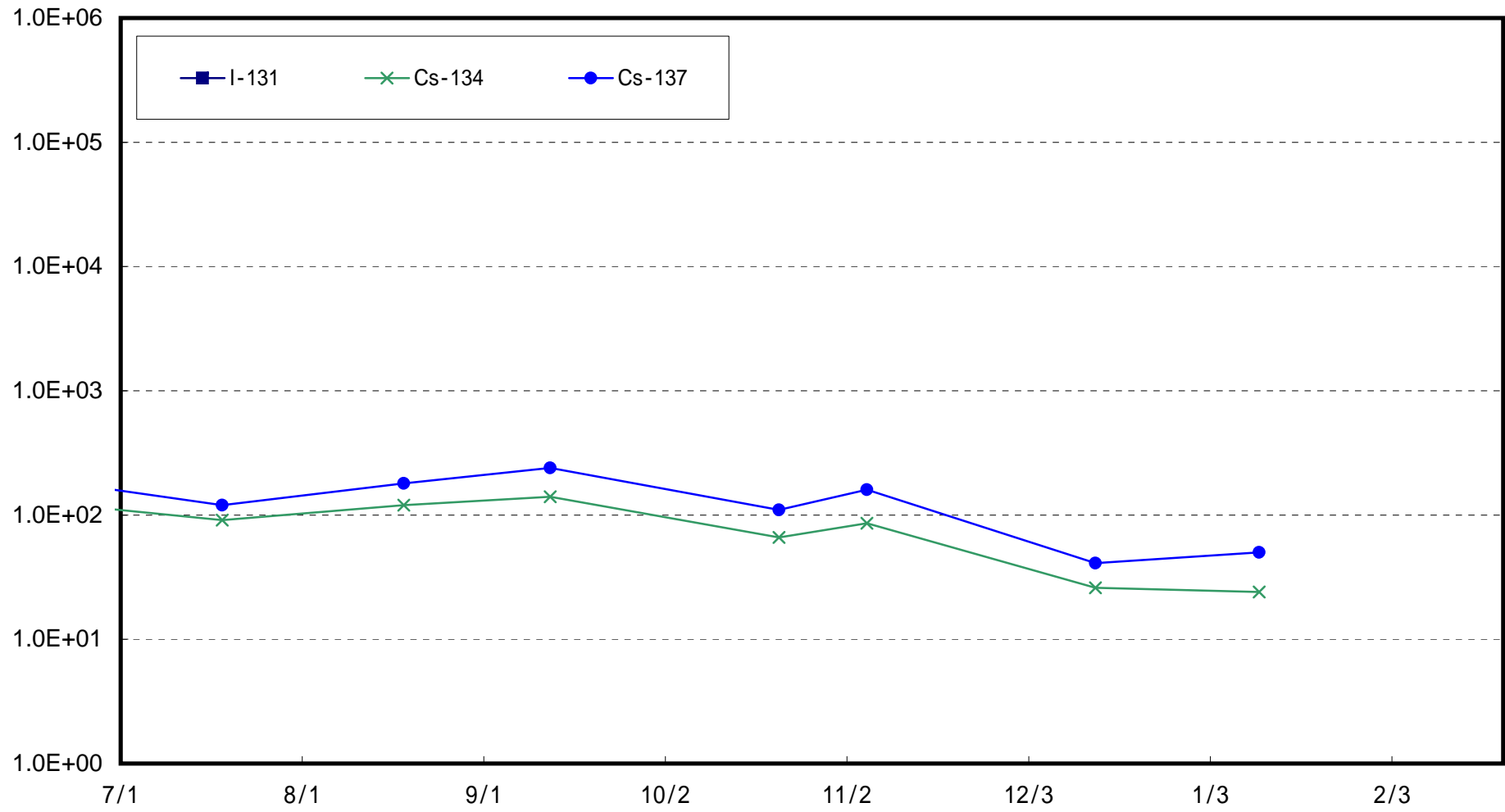
Radioactivity Density of the Marine Soil at 3km Offshore of Ukedo, Namie Town (T-) (Bq/kg (dry soil))



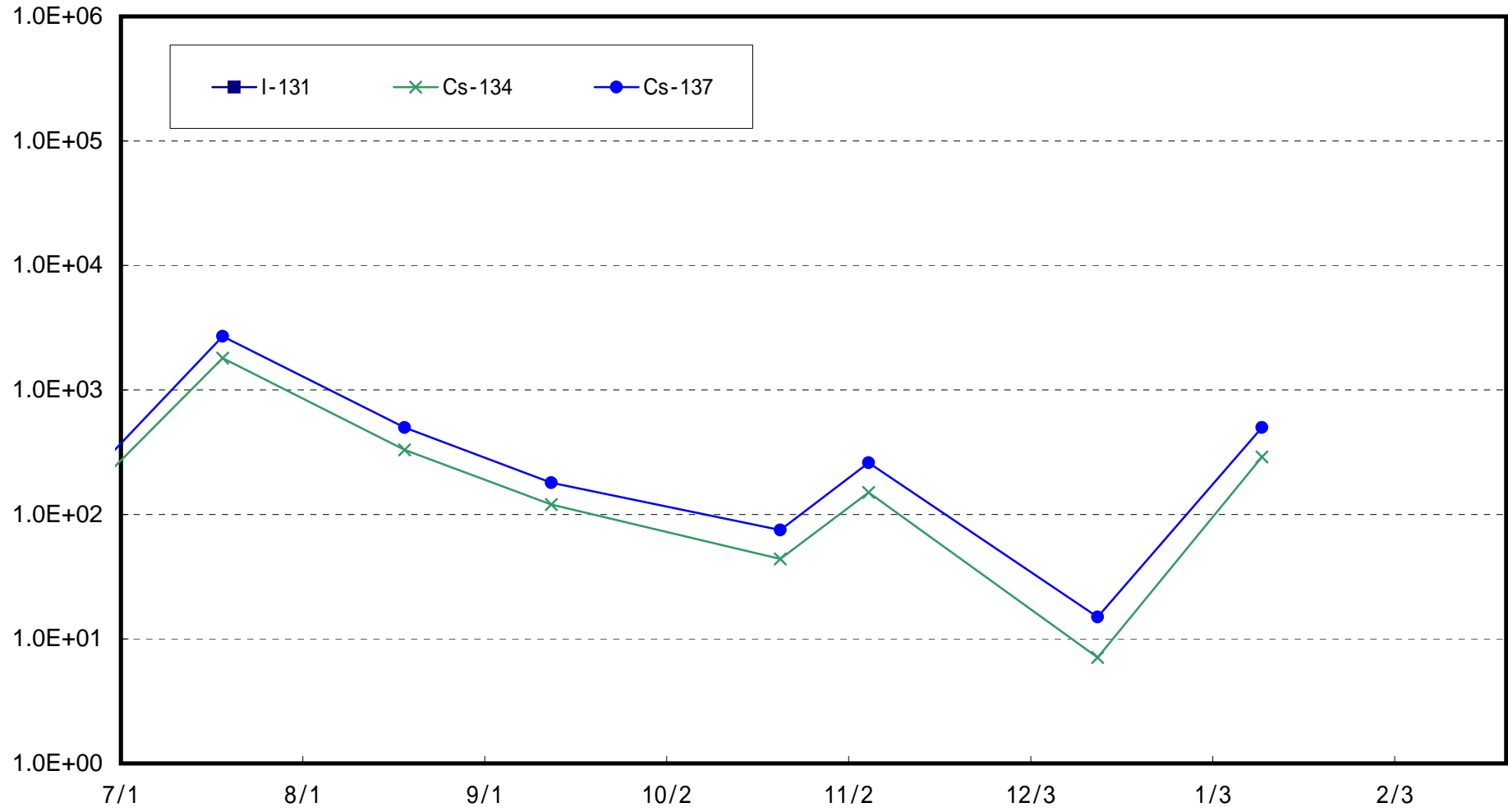
Radioactivity Density of the Marine Soil at 1km Offshore of Kumagawa, Okuma Town (T-) (Bq/kg (dry soil))



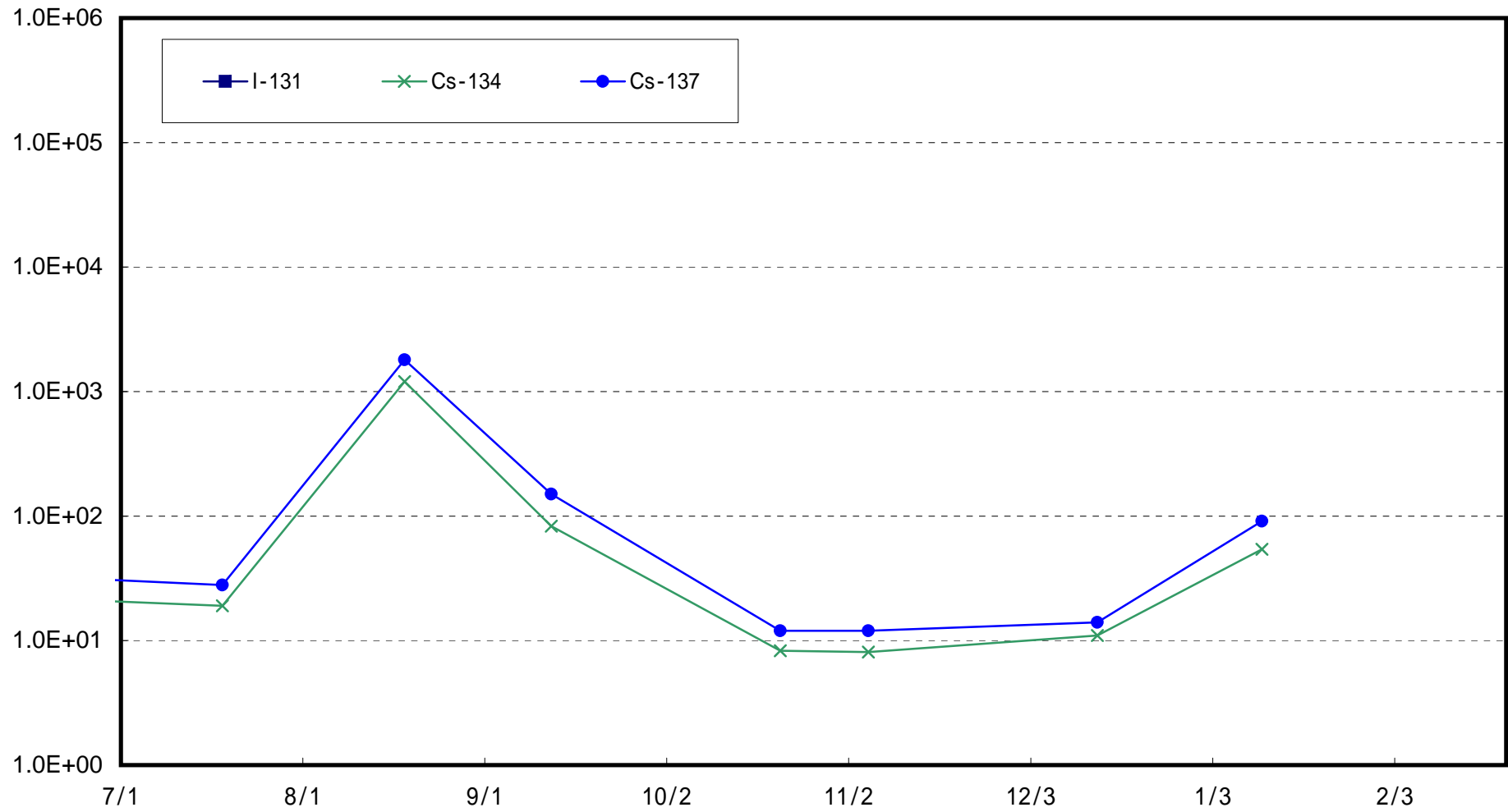
Radioactivity Density of the Marine Soil at 2km Offshore of Kumagawa, Okuma Town (T-) (Bq/kg (dry soil))



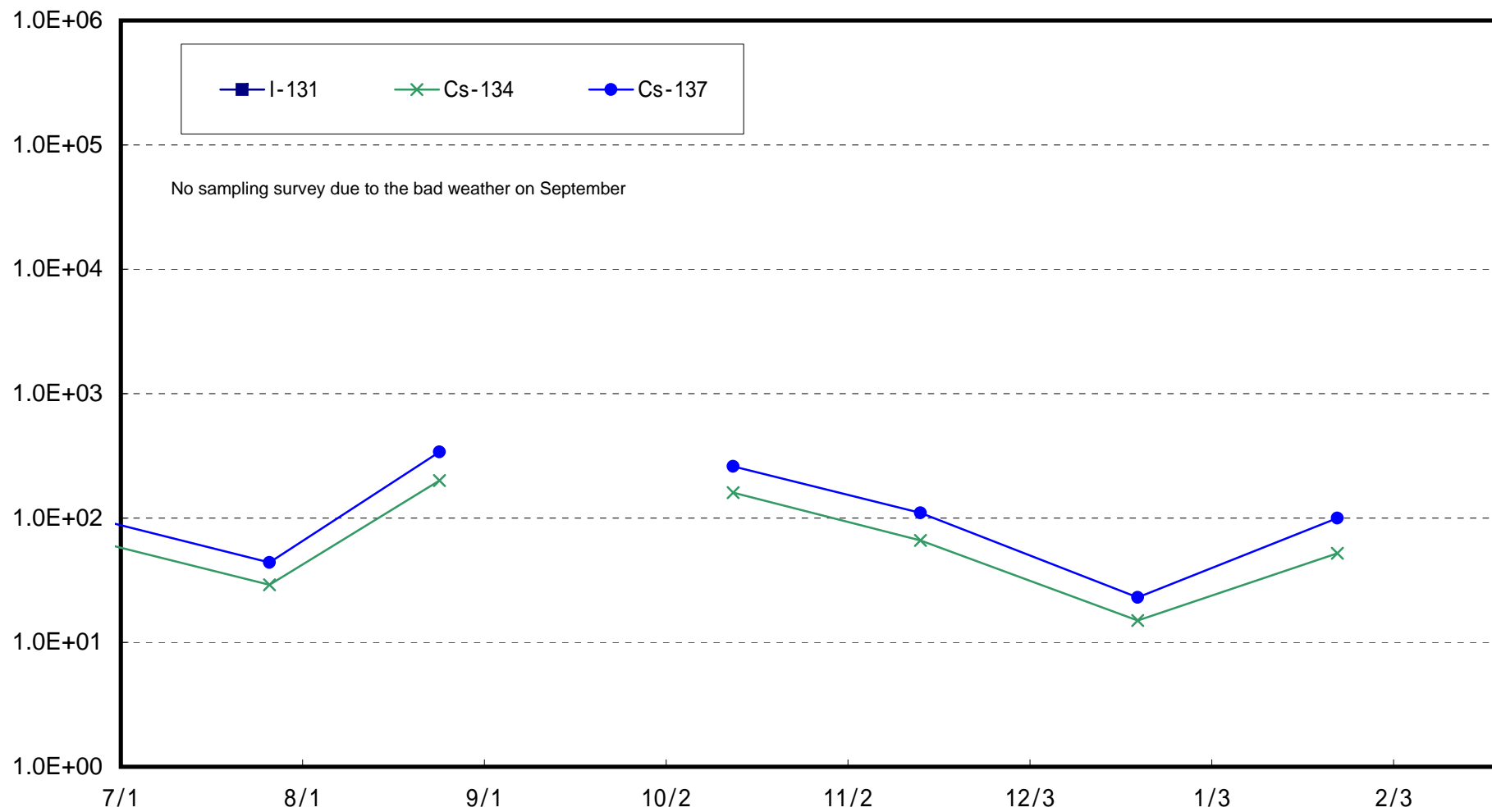
Radioactivity Density of the Marine Soil at 3km Offshore of Kumagawa, Okuma Town (T-) (Bq/kg (dry soil))



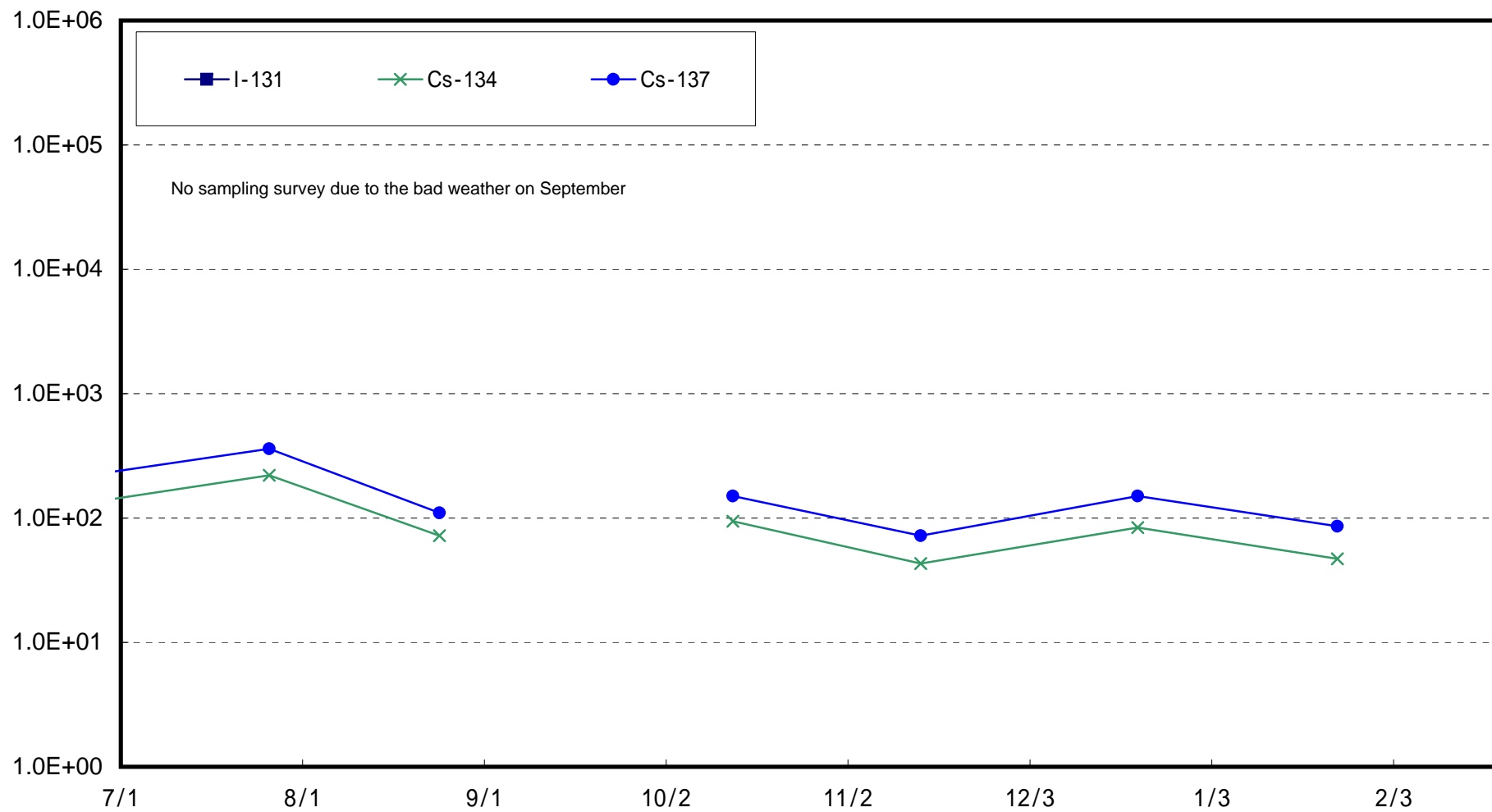
Radioactivity Density of the Marine Soil at 5km Offshore of Kumagawa, Okuma Town (T-) (Bq/kg (dry soil))



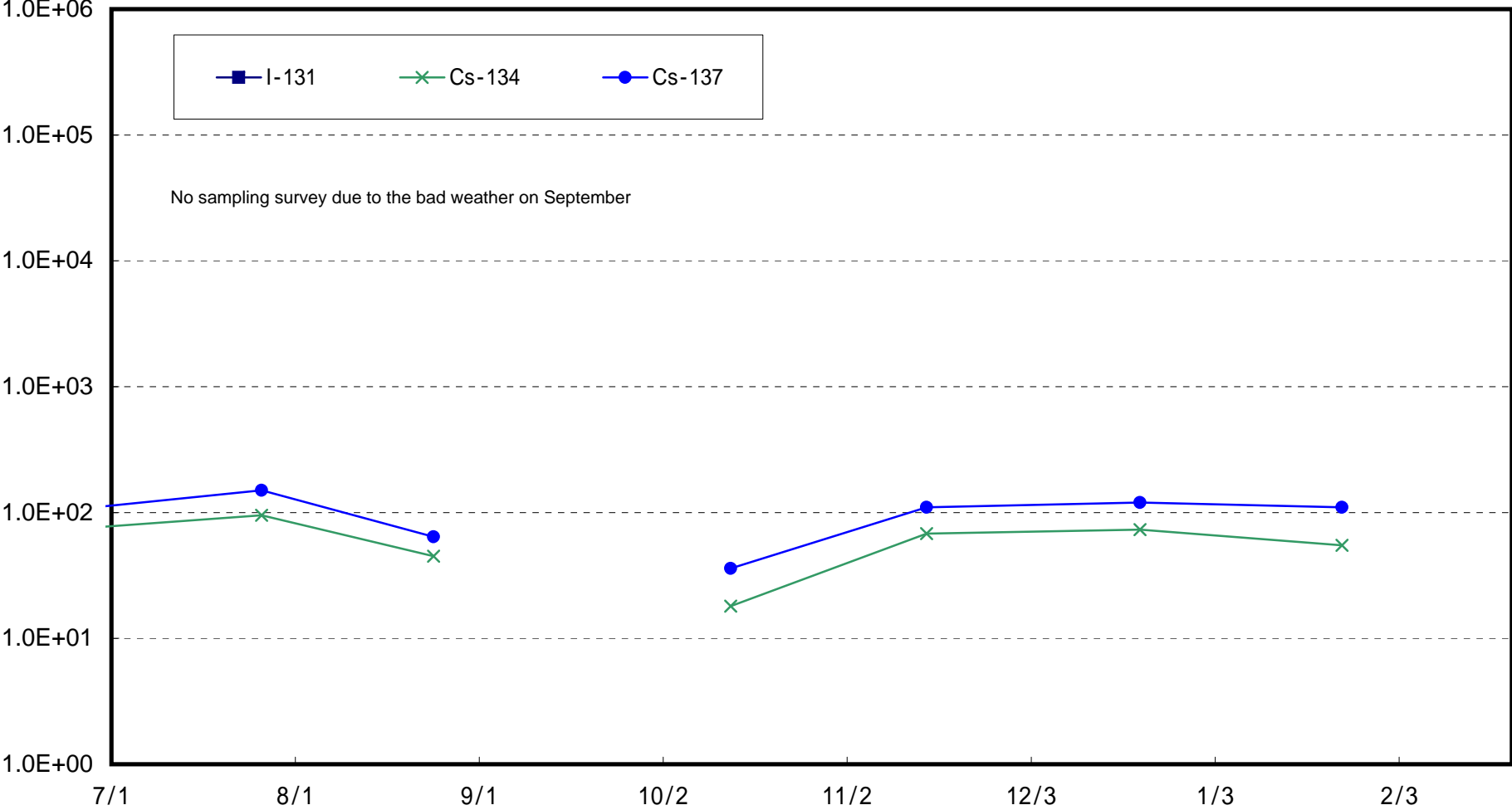
Radioactivity Density of the Marine Soil at 10km Offshore of Kumagawa, Okuma Town (T-) (Bq/kg (dry soil))



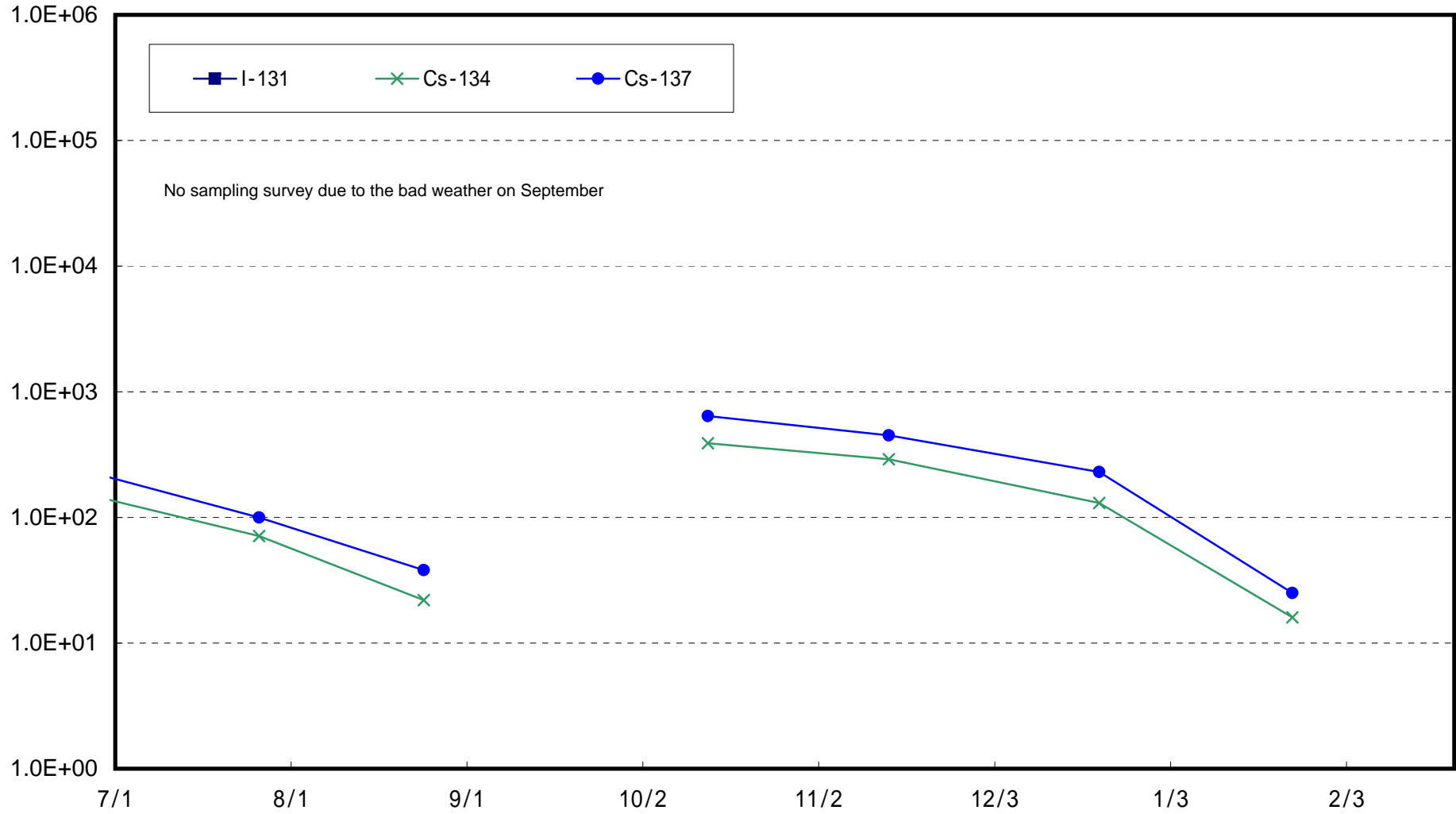
Radioactivity Density of the Marine Soil at 15km Offshore of Kumagawa, Okuma Town (T-) (Bq/kg (dry soil))



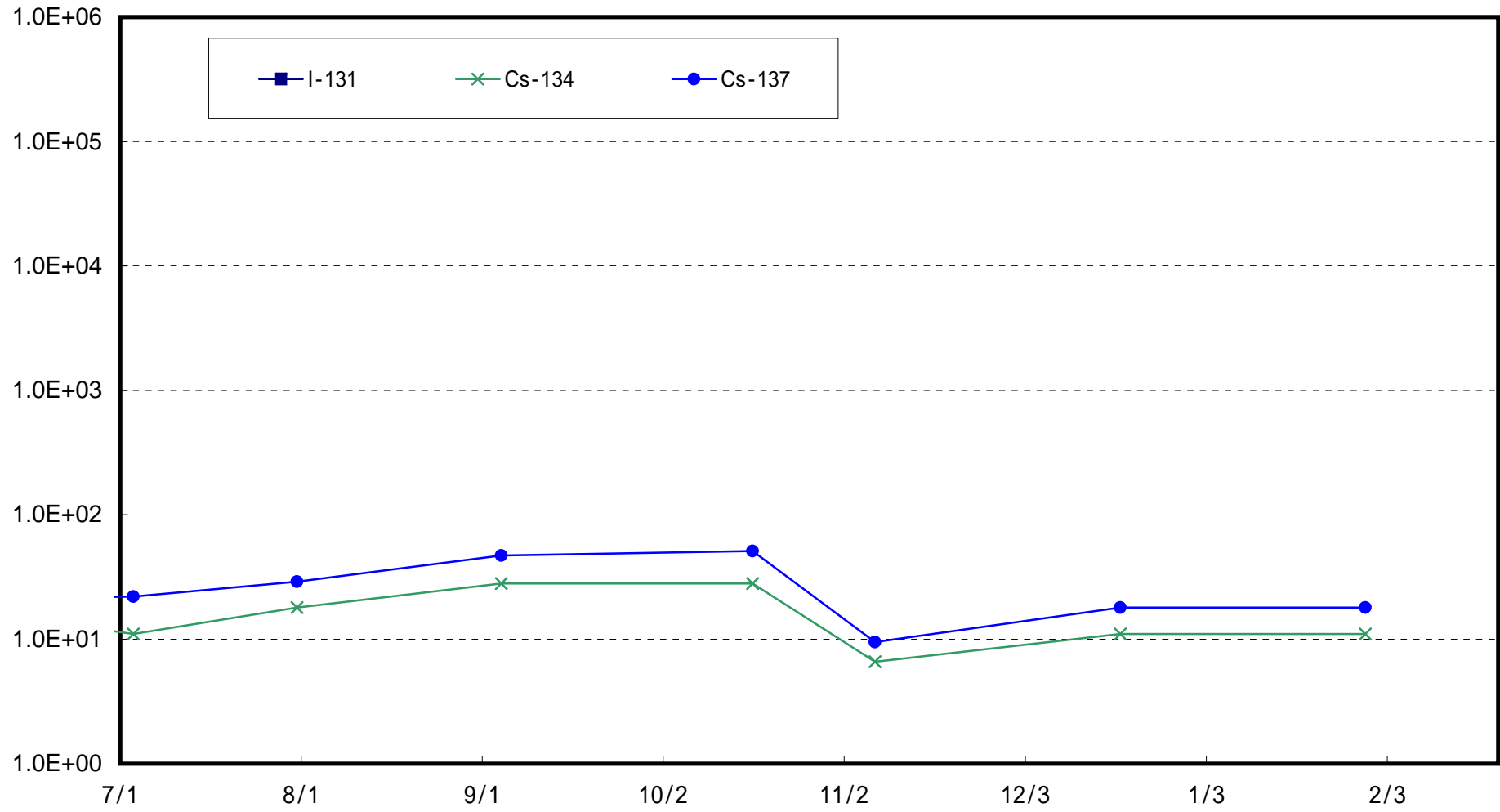
Radioactivity Density of the Marine Soil at 20km Offshore of Kumagawa, Okuma Town (T-) (Bq/kg (dry soil))



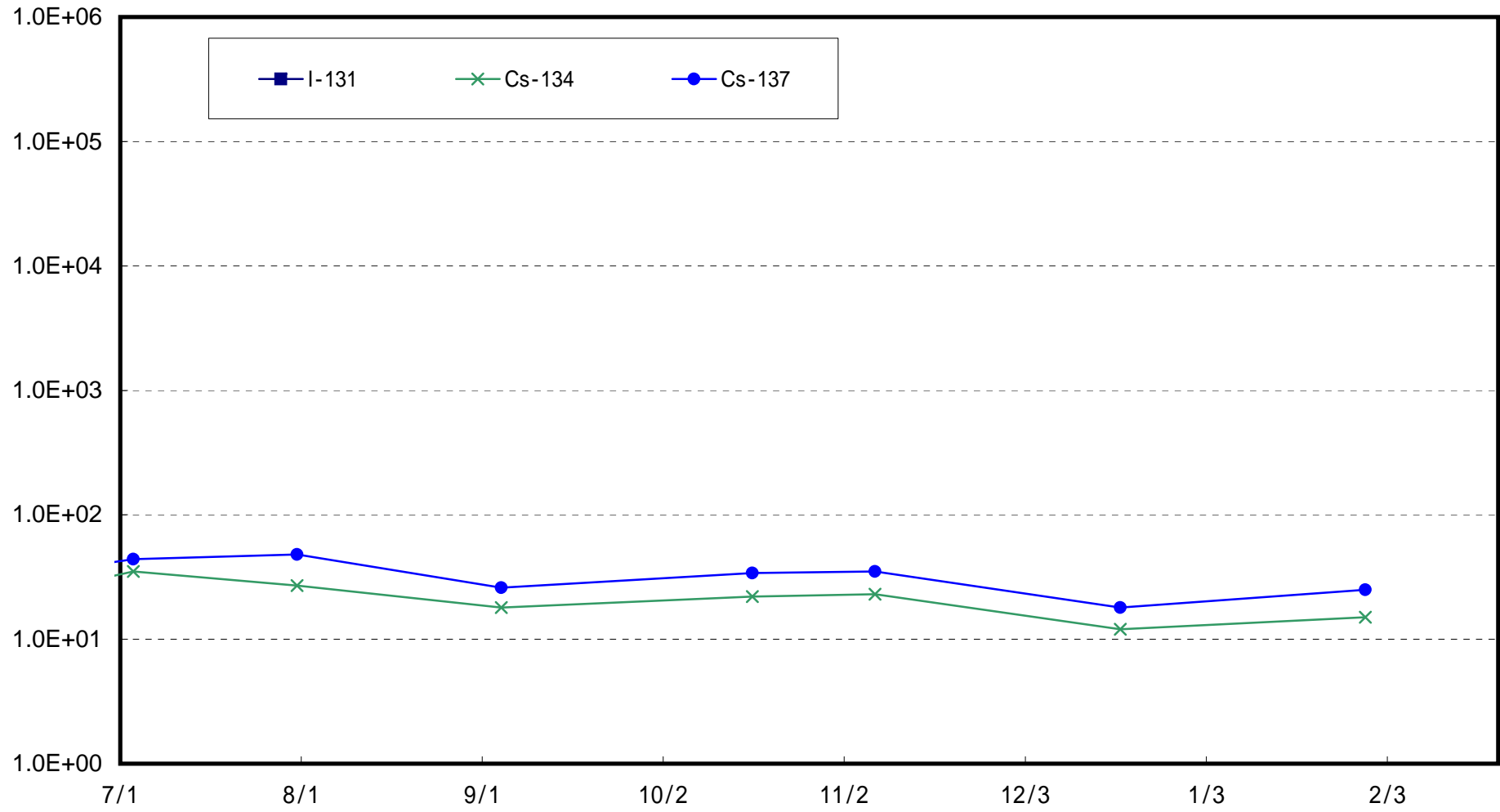
Radioactivity Density of the Marine Soil at 1km Offshore of Yamadahama, Naraha Town (T-) (Bq/kg (dry soil))



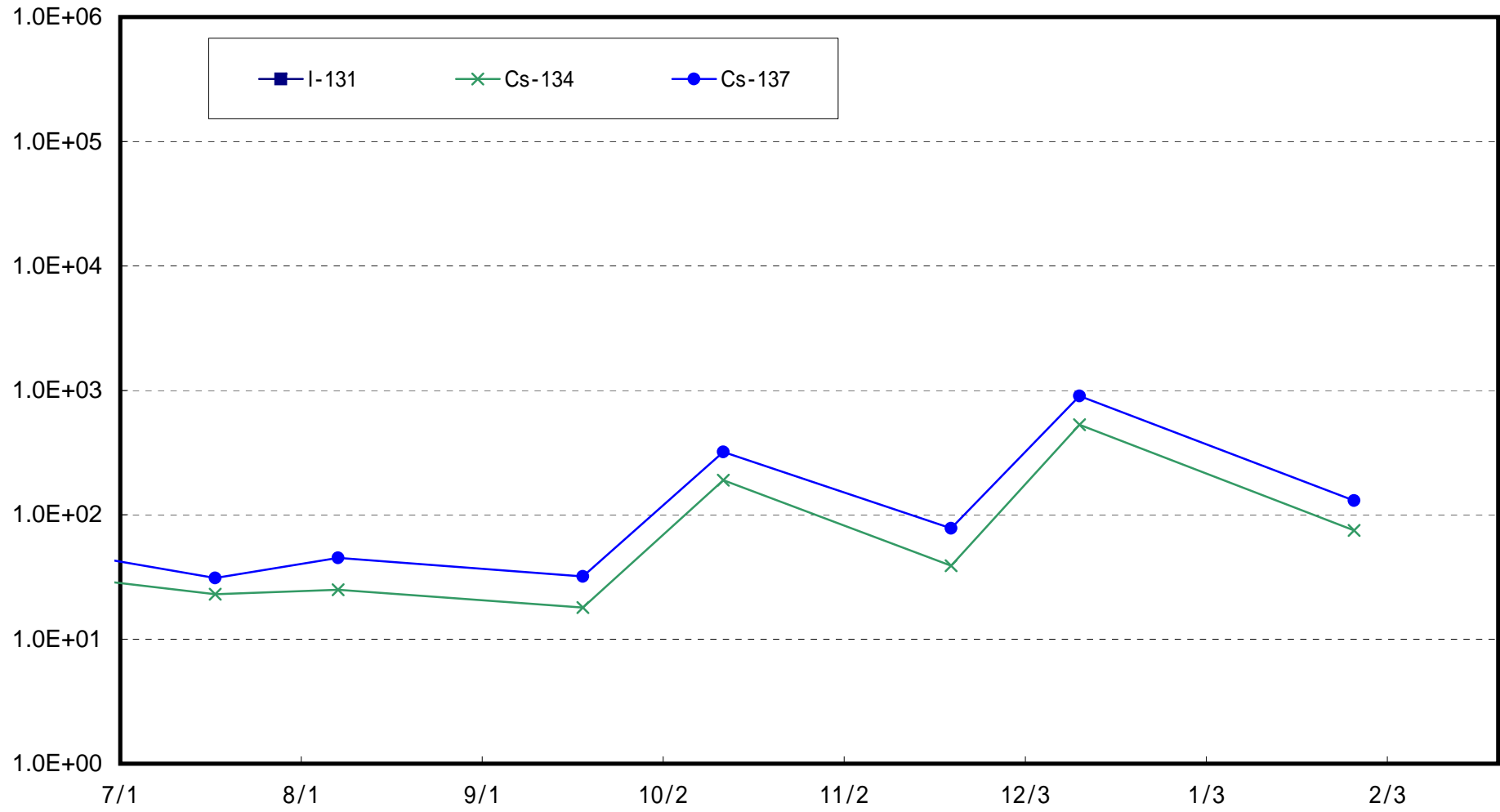
Radioactivity Density of the Marine Soil at Around 1km Offshore of Ota River (T-S1) (Bq/kg (dry soil))



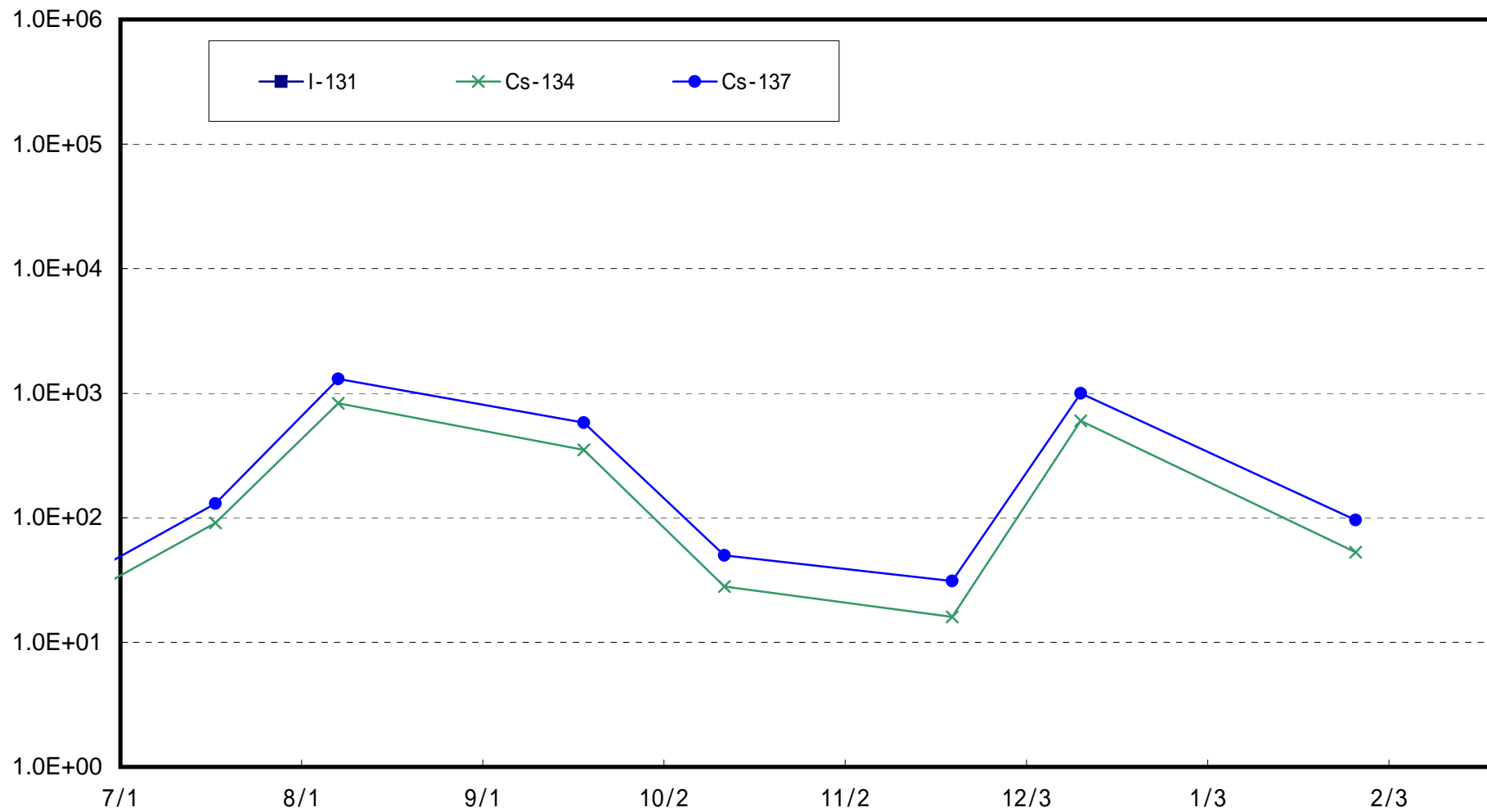
Radioactivity Density of the Marine Soil at Around 3km Offshore of Odaka Ward (T-S2) (Bq/kg (dry soil))



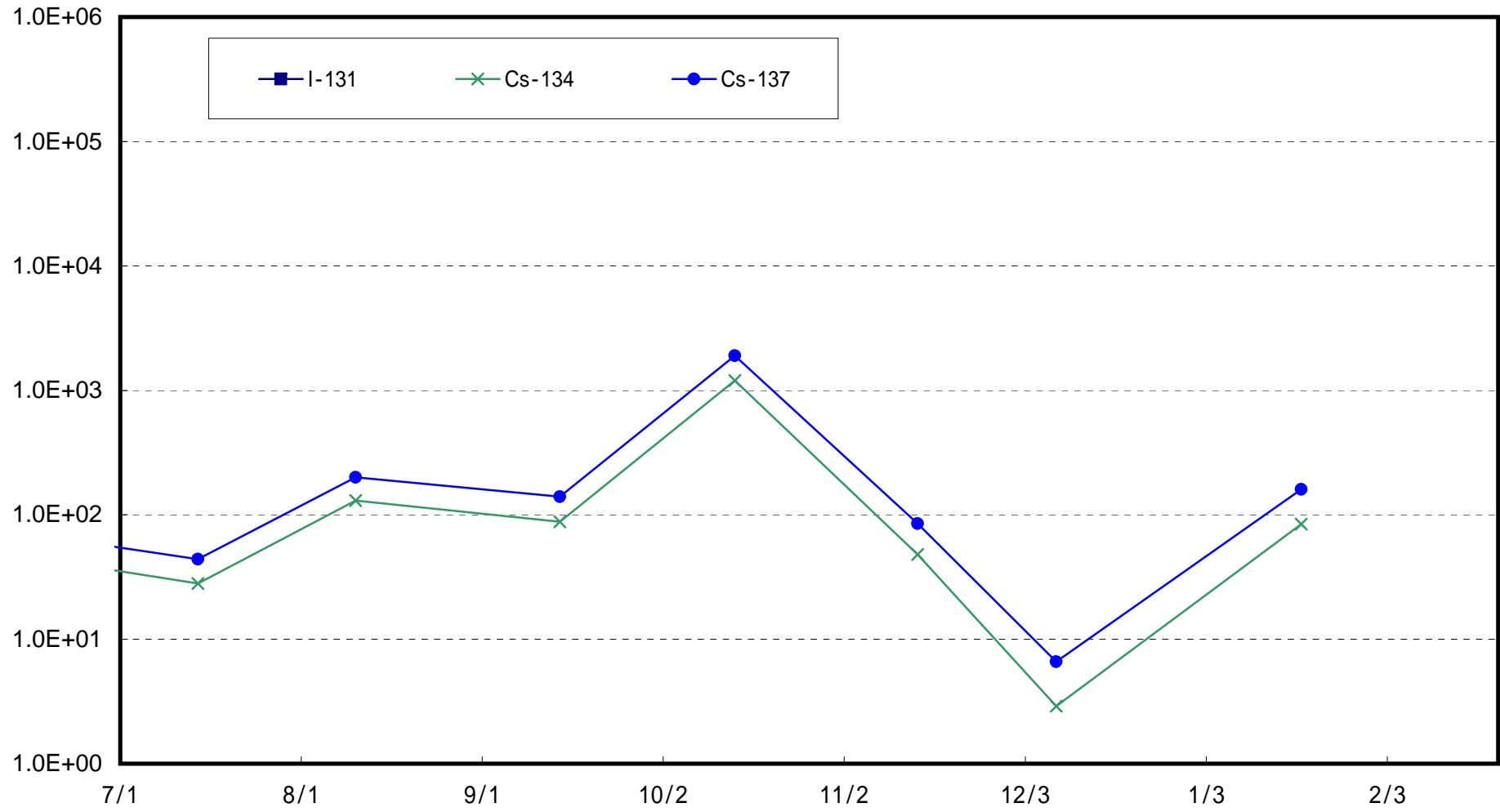
Radioactivity Density of the Marine Soil at Around 3km Offshore of Ukedo River (T-S3) (Bq/kg (dry soil))



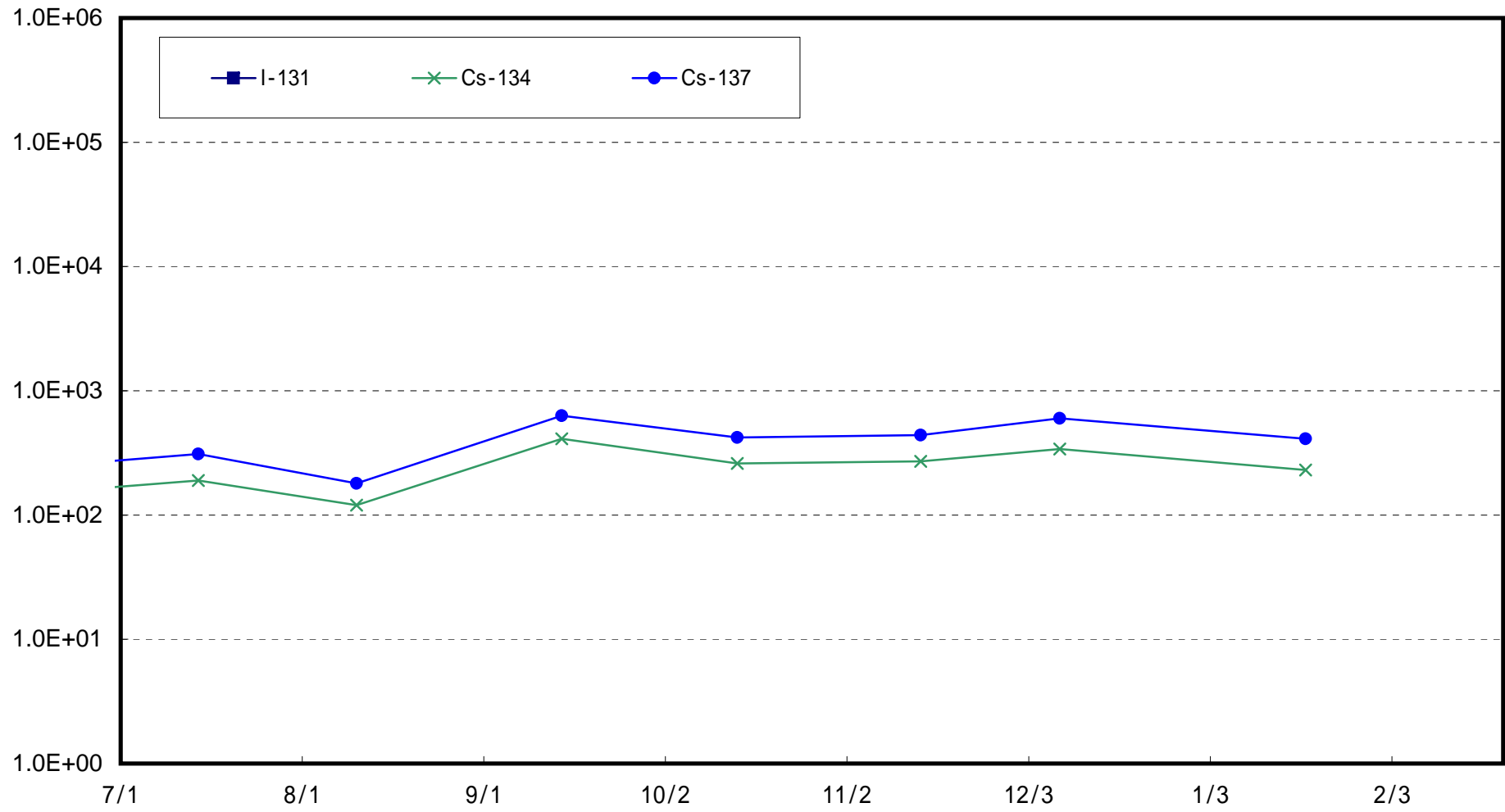
Radioactivity Density of the Marine Soil at Around 3km Offshore of 1Fr (T-S4) (Bq/kg (dry soil))



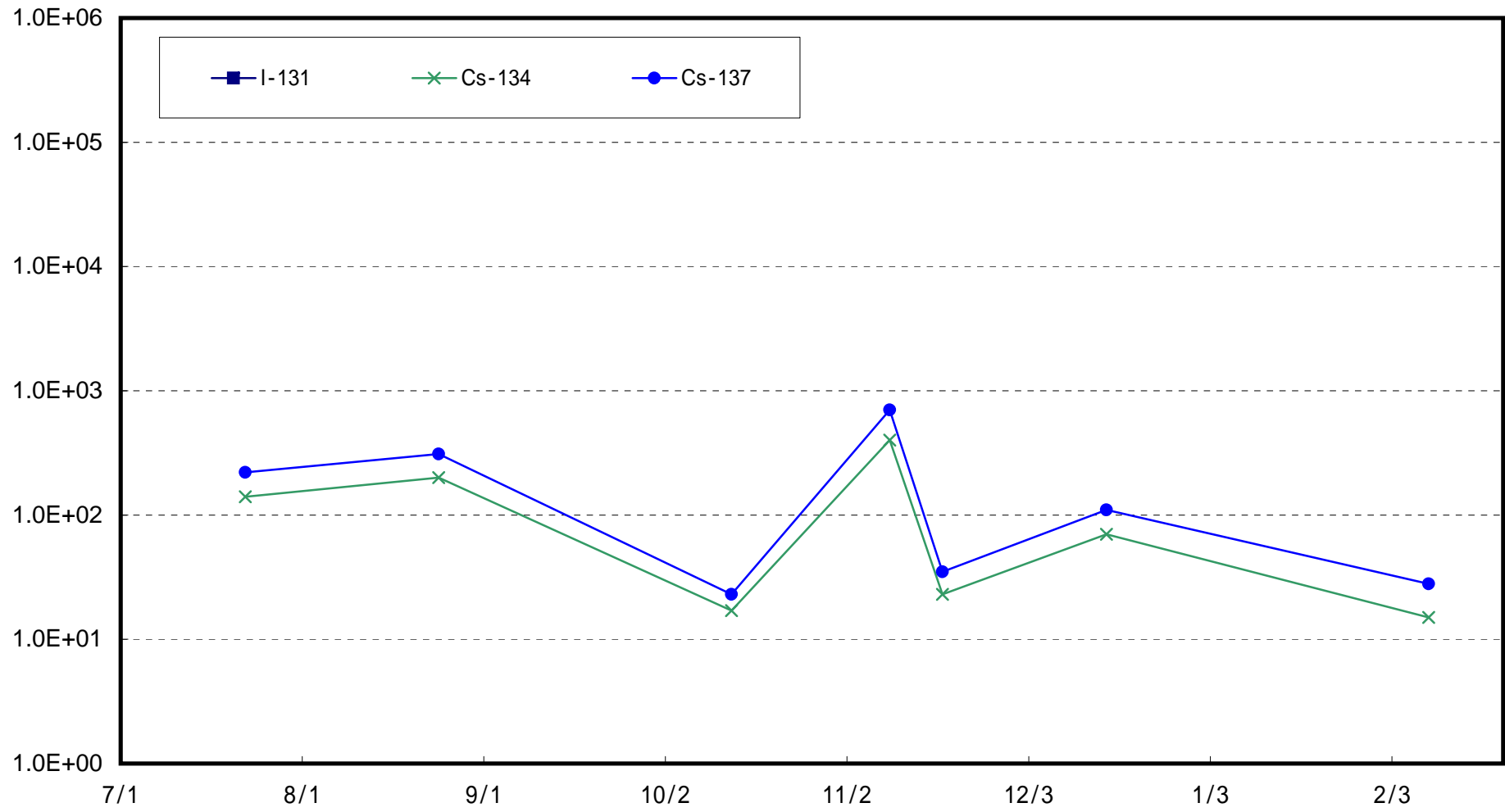
Radioactivity Density of the Marine Soil Around 2km Offshore of Kido River (T-S5) (Bq/kg (dry soil))



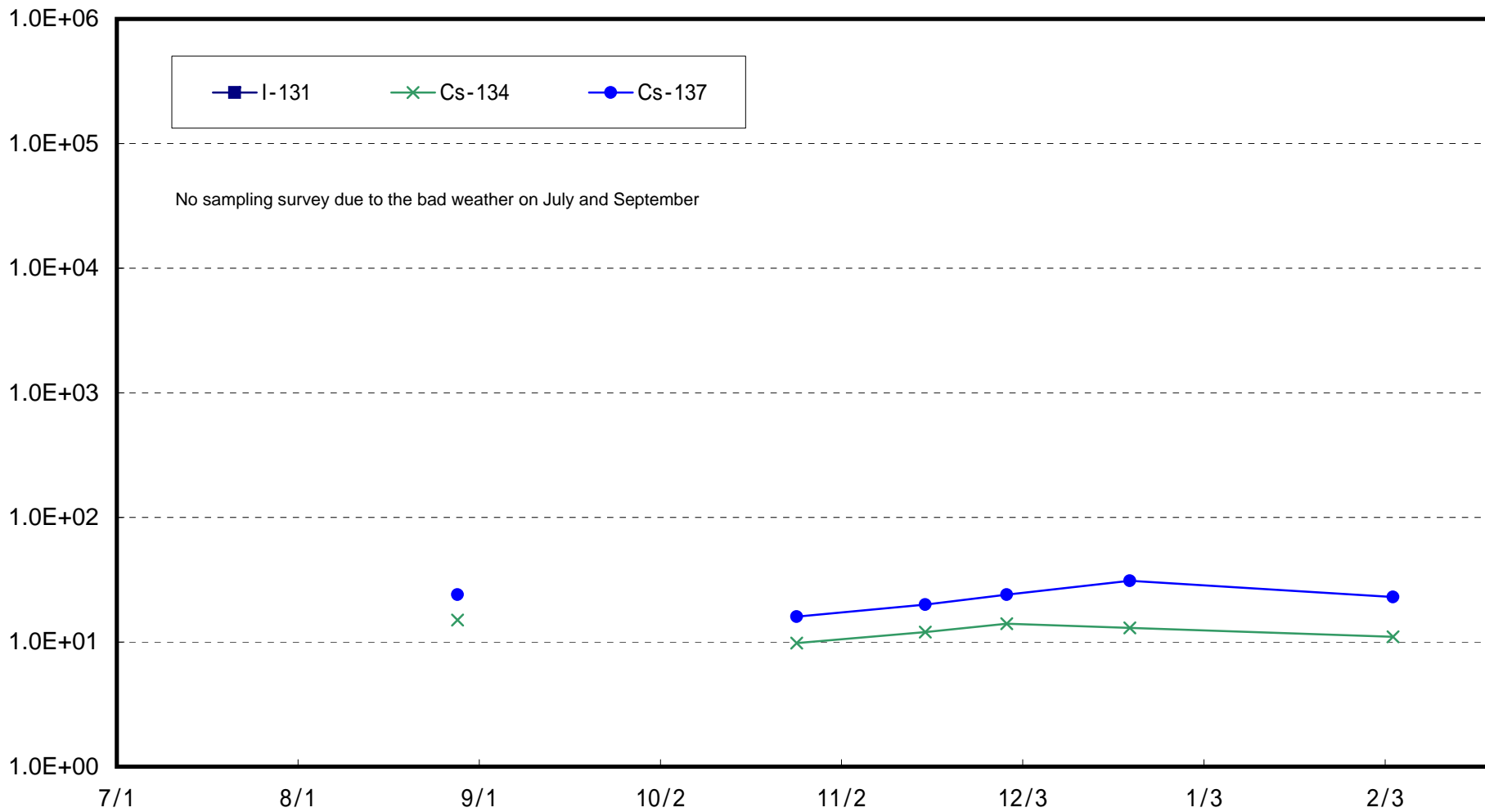
Radioactivity Density of the Marine Soil at Around 2km Offshore of 1Fr (T-S7) (Bq/kg (dry soil))



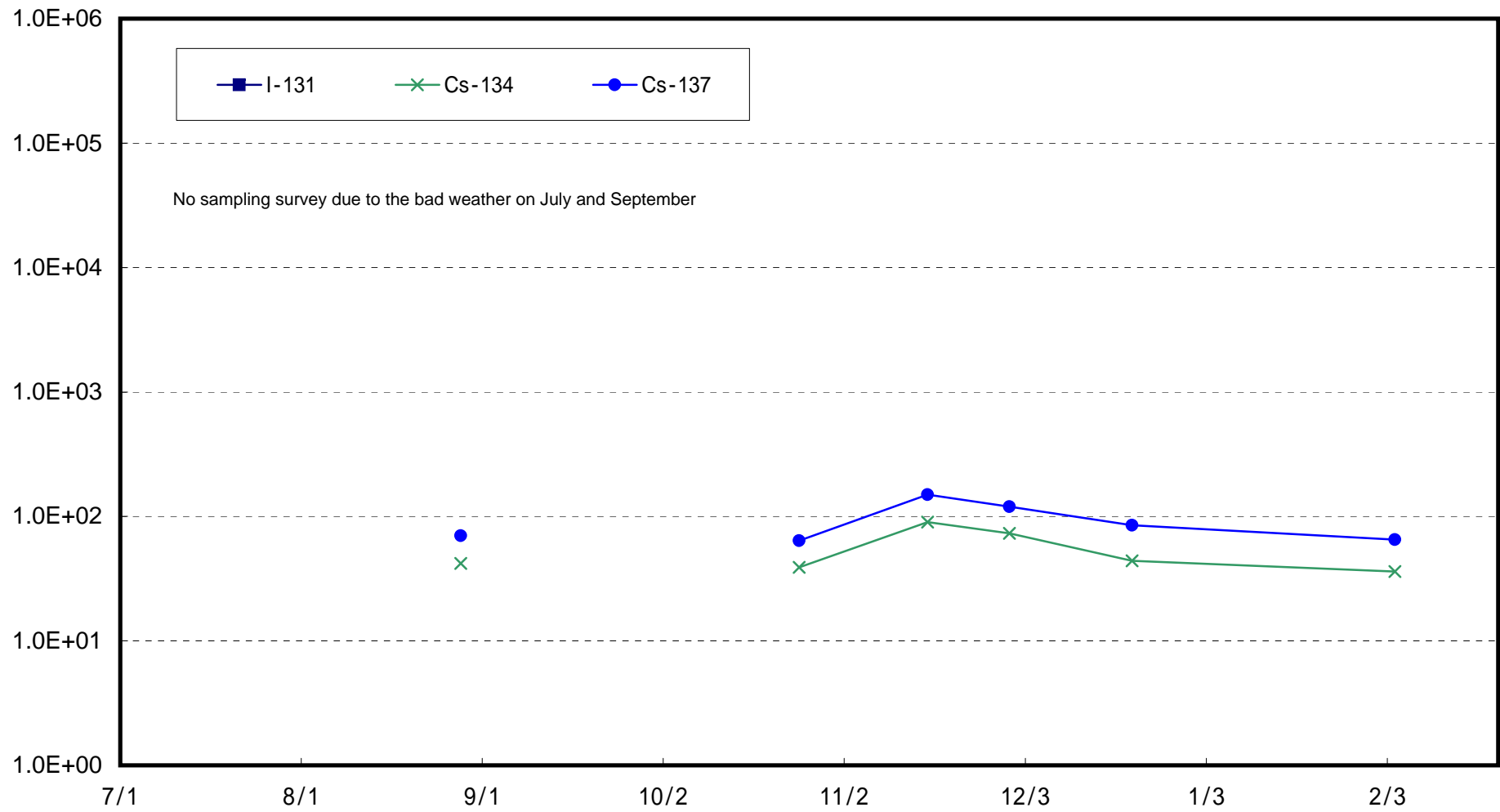
Radioactivity Density of the Marine Soil at Around 4km Offshore of Kumagawa (T-S8) (Bq/kg (dry soil))



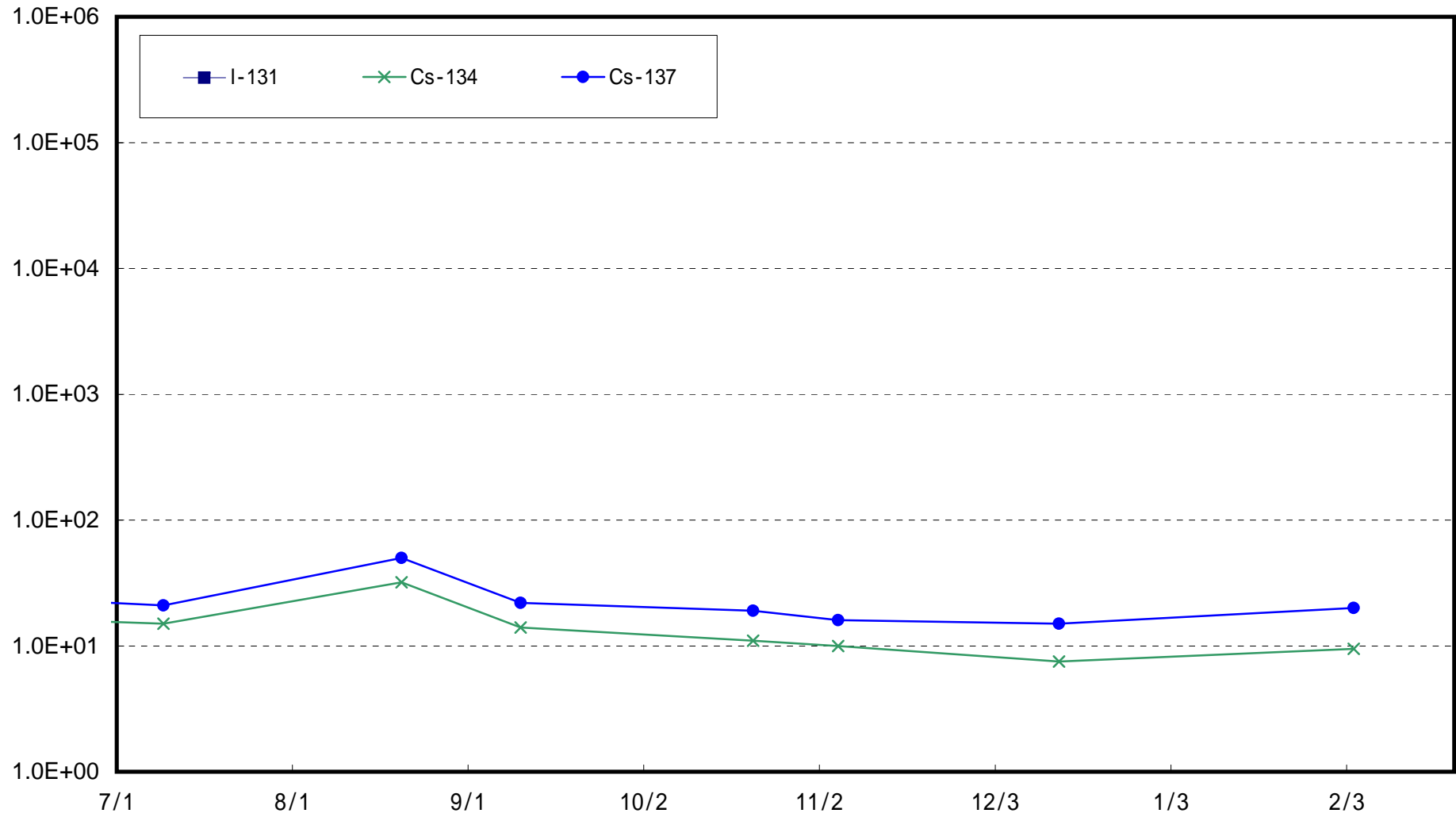
Radioactivity Density of the Marine Soil at Around 15km Offshore of Odaka Ward (T-B1) (Bq/kg (dry soil))



Radioactivity Density of the Marine Soil at Around 18km Offshore of Ukedo River (T-B2) (Bq/kg (dry soil))



Radioactivity Density of the Marine Soil Around 10km Offshore of Fukushima Daiichi NPS (T-B3) (Bq/kg (dry soil))



Radioactivity Density of the Marine Soil Around 10km Offshore of Fukushima Daini NPS (T-B4) (Bq/kg (dry soil))

