

Summary of Marine Soil Monitoring Result : Fukushima Daiichi Nuclear Power Station (February 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	2013/2/5 12:20 PM	77.6	ND	320	610
	T-2-1	Around South Discharge Channel of 1F **1	2013/2/5 11:30 AM	84.3	ND	230	390
	T-3	Around North Discharge Channel of 2F	2013/2/5 10:30 AM	76.4	ND	90	160
	T-4-1	Around the North Side of Asamigawa **2	2013/2/5 7:30 AM	83.4	ND	85	170
Within 20km Range of Fukushima Daiichi NPS	T-14	3km Offshore of Odaka Ward	2013/2/12 8:59 AM	82.0	ND	8	15
	T-11	3km Offshore of Iwasawa Shore	2013/2/15 7:36 AM	74.6	ND	59	120
	T-D1	3km Offshore of Ukedo River	2013/2/12 9:21 AM	78.0	ND	17	29
	T-D5	3km Offshore of 1F	2013/2/12 9:55 AM	75.5	ND	38	74
	T-D9	3km Offshore of 2F	2013/2/15 8:18 AM	73.1	ND	150	250
	T-5	15km Offshore of 1F	2013/2/15 9:13 AM	75.8	ND	37	79
	T-①	1km Offshore of Murakami, Odaka Ward	2013/2/10 9:31 AM	69.7	ND	82	160
	T-②	2km Offshore of Murakami, Odaka Ward	2013/2/10 9:19 AM	80.9	ND	4	9
	T-③	1km Offshore of Ukedo, Namie Town	2013/2/10 9:54 AM	76.9	ND	43	85
	T-④	2km Offshore of Ukedo, Namie Town	2013/2/10 10:03 AM	76.0	ND	53	89
	T-⑤	3km Offshore of Ukedo, Namie Town	2013/2/10 10:10 AM	82.3	ND	10	17
	T-⑥	1km Offshore of Kumagawa, Okuma Town	2013/2/18 8:10 AM	80.8	ND	45	87
	T-⑦	2km Offshore of Kumagawa, Okuma Town	2013/2/18 8:23 AM	76.6	ND	40	70
	T-⑧	3km Offshore of Kumagawa, Okuma Town	2013/2/18 8:33 AM	72.4	ND	180	330
	T-⑨	5km Offshore of Kumagawa, Okuma Town	2013/2/18 8:46 AM	78.9	ND	14	23
	T-⑩	10km Offshore of Kumagawa, Okuma Town	2013/2/21 9:30 AM	77.4	ND	57	98
	T-⑪	15km Offshore of Kumagawa, Okuma Town	2013/2/21 8:41 AM	74.4	ND	94	160
	T-⑫	20km Offshore of Kumagawa, Okuma Town	2013/2/21 8:12 AM	70.9	ND	82	160
	T-⑬	1km Offshore of Yamadahama, Naraha Town	2013/2/21 10:18 AM	85.7	ND	22	35
	T-S1	Around 1km Offshore of Ota River	2013/2/6 6:45 AM	75.1	ND	16	21
	T-S2	Around 3km Offshore of Odaka Ward	2013/2/6 6:15 AM	70.5	ND	110	200
	T-S3	Around 3km Offshore of Ukedo River	2013/2/19 7:45 AM	84.5	ND	8	13
	T-S4	Around 3km Offshore of 1F	2013/2/19 7:17 AM	77.3	ND	16	35
	T-S5	Around 2km Offshore of Kido River	2013/2/27 7:10 AM	81.1	ND	46	81
	T-S7	Around 2km Offshore of 2F **3	2013/2/27 6:48 AM	77.7	ND	130	240
	T-S8	Around 4km Offshore of Kumagawa **4	2013/2/25 6:55 AM	78.9	ND	25	48
	T-B1	Around 15km Offshore of Odaka Ward	2013/2/21 6:34 AM	85.0	ND	9	16
	T-B2	Around 18km Offshore of Ukedo River	2013/2/26 8:48 AM	84.6	ND	17	30
T-B3	Around 10km Offshore of 1F	2013/2/18 6:26 AM	82.0	ND	13	23	
T-B4	Around 10km Offshore of 2F	2013/2/18 7:45 AM	76.0	ND	34	53	

* Data of other nuclides is under evaluation.

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

(I-131: Approx. 40Bq/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.

Summary of Marine Soil Monitoring Result: Fukushima Daiichi Nuclear Power Station (March 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	2013/3/5 12:10 PM	77.4	ND	350	620
	T-2-1	Around South Discharge Channel of 1F **1	2013/3/5 11:30 AM	92.2	ND	220	360
	T-3	Around North Discharge Channel of 2F	2013/3/5 10:20 AM	79.4	ND	71	120
	T-4-1	Around the North Side of Asamigawa **2	2013/3/5 7:30 AM	86.4	ND	75	140
Within 20km Range of Fukushima Daiichi NPS	T-14	3km Offshore of Odaka Ward	2013/3/12 9:07 AM	74.7	ND	35	66
	T-11	3km Offshore of Iwasawa Shore	2013/3/15 9:46 AM	74.8	ND	79	160
	T-D1	3km Offshore of Ukedo River	2013/3/12 8:37 AM	74.4	ND	54	110
	T-D5	3km Offshore of 1F	2013/3/12 8:09 AM	76.8	ND	23	44
	T-D9	3km Offshore of 2F	2013/3/15 9:17 AM	77.2	ND	49	92
	T-5	15km Offshore of 1F	2013/3/15 8:31 AM	76.2	ND	250	490
	T-①	1km Offshore of Murakami, Odaka Ward	2013/3/4 9:36 AM	48.6	ND	37	78
	T-②	2km Offshore of Murakami, Odaka Ward	2013/3/4 9:10 AM	72.7	ND	150	290
	T-③	1km Offshore of Ukedo, Namie Town	2013/3/4 9:48 AM	72.8	ND	36	65
	T-④	2km Offshore of Ukedo, Namie Town	2013/3/4 10:04 AM	80.0	ND	36	69
	T-⑤	3km Offshore of Ukedo, Namie Town	2013/3/4 10:18 AM	80.5	ND	17	35
	T-⑥	1km Offshore of Kumagawa, Okuma Town	2013/3/7 8:11 AM	83.3	ND	18	38
	T-⑦	2km Offshore of Kumagawa, Okuma Town	2013/3/7 8:18 AM	83.4	ND	23	42
	T-⑧	3km Offshore of Kumagawa, Okuma Town	2013/3/7 8:26 AM	77.1	ND	73	160
	T-⑨	5km Offshore of Kumagawa, Okuma Town	2013/3/7 8:35 AM	70.3	ND	310	610
	T-⑩	10km Offshore of Kumagawa, Okuma Town	2013/3/28 9:22 AM	76.2	ND	93	170
	T-⑪	15km Offshore of Kumagawa, Okuma Town	2013/3/28 9:01 AM	73.0	ND	60	110
	T-⑫	20km Offshore of Kumagawa, Okuma Town	2013/3/28 8:39 AM	71.4	ND	70	140
	T-⑬	1km Offshore of Yamadahama, Naraha Town	2013/3/28 10:11 AM	84.2	ND	11	26
	T-S1	Around 1km Offshore of Ota River	2013/3/7 6:05 AM	74.7	ND	17	29
	T-S2	Around 3km Offshore of Odaka Ward	2013/3/7 6:35 AM	74.9	ND	17	28
	T-S3	Around 3km Offshore of Ukedo River	2013/3/26 6:30 AM	84.3	ND	20	40
	T-S4	Around 3km Offshore of 1F	2013/3/26 7:00 AM	81.3	ND	16	32
	T-S5	Around 2km Offshore of Kido River	2013/3/28 6:45 AM	80.9	ND	11	19
	T-S7	Around 2km Offshore of 2F **3	2013/3/28 6:22 AM	70.4	ND	140	270
	T-S8	Around 4km Offshore of Kumagawa **4	2013/3/25 6:50 AM	74.8	ND	68	120
	T-B1	Around 15km Offshore of Odaka Ward	2013/3/22 5:57 AM	85.9	ND	10	20
	T-B2	Around 18km Offshore of Ukedo River	2013/3/22 6:39 AM	83.8	ND	26	44
T-B3	Around 10km Offshore of 1F	2013/3/16 5:14 AM	83.3	ND	6	10	
T-B4	Around 10km Offshore of 2F	2013/3/16 6:06 AM	76.3	ND	56	120	
Within 30km Range	T-13-1	1km Offshore of Nida River	2013/3/5 7:00 AM	82.3	ND	2	3
	T-7	15km Offshore of Iwasawa Shore	2013/3/8 8:11 AM	71.5	ND	73	140
Out of 30km Range	T-18	3km Offshore of Onahama Port	2013/3/8 6:03 AM	73.5	ND	48	83
	T-12	3km offshore of North of Iwaki City	2013/3/23 7:30 AM	74.6	ND	25	54
	T-17-1	1km Offshore of Natsui River	2013/3/23 7:00 AM	75.0	ND	28	55
	T-20	3km Offshore of Toyoma	2013/3/23 6:30 AM	74.7	ND	51	88
	T-22	3km Offshore of Soma	2013/3/5 6:00 AM	81.8	ND	16	31
	T-MA	5km Offshore of Kashima	2013/3/5 6:30 AM	83.0	ND	6	11
T-M10	5km Offshore of Numanouchi	2013/3/8 7:05 AM	76.7	ND	18	34	

* Data of other nuclides is under evaluation.

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

(I-131: Approx. 13Bq/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.

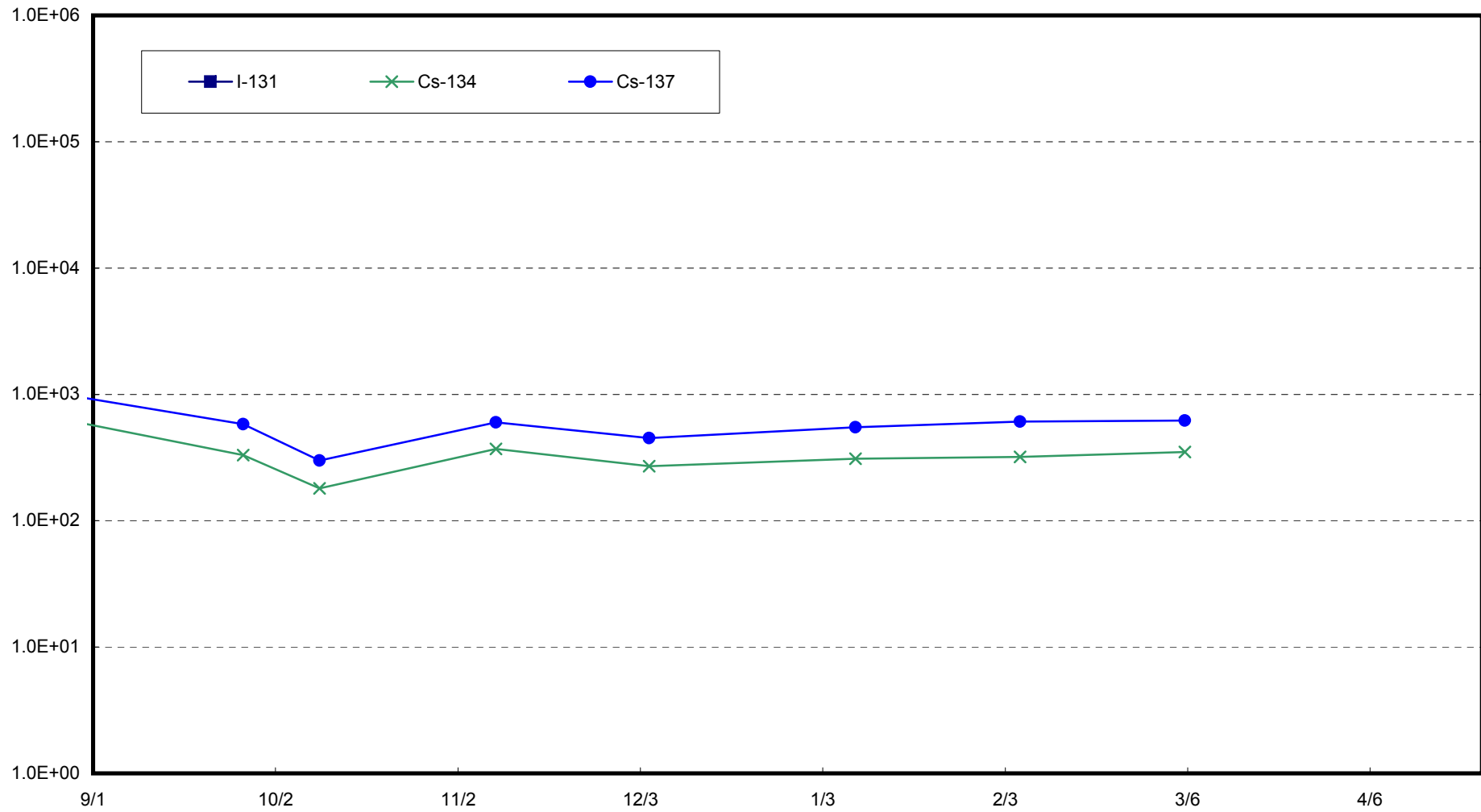
**1 Place of Sampling was changed from "T-2" to "T-2-1" from November.

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

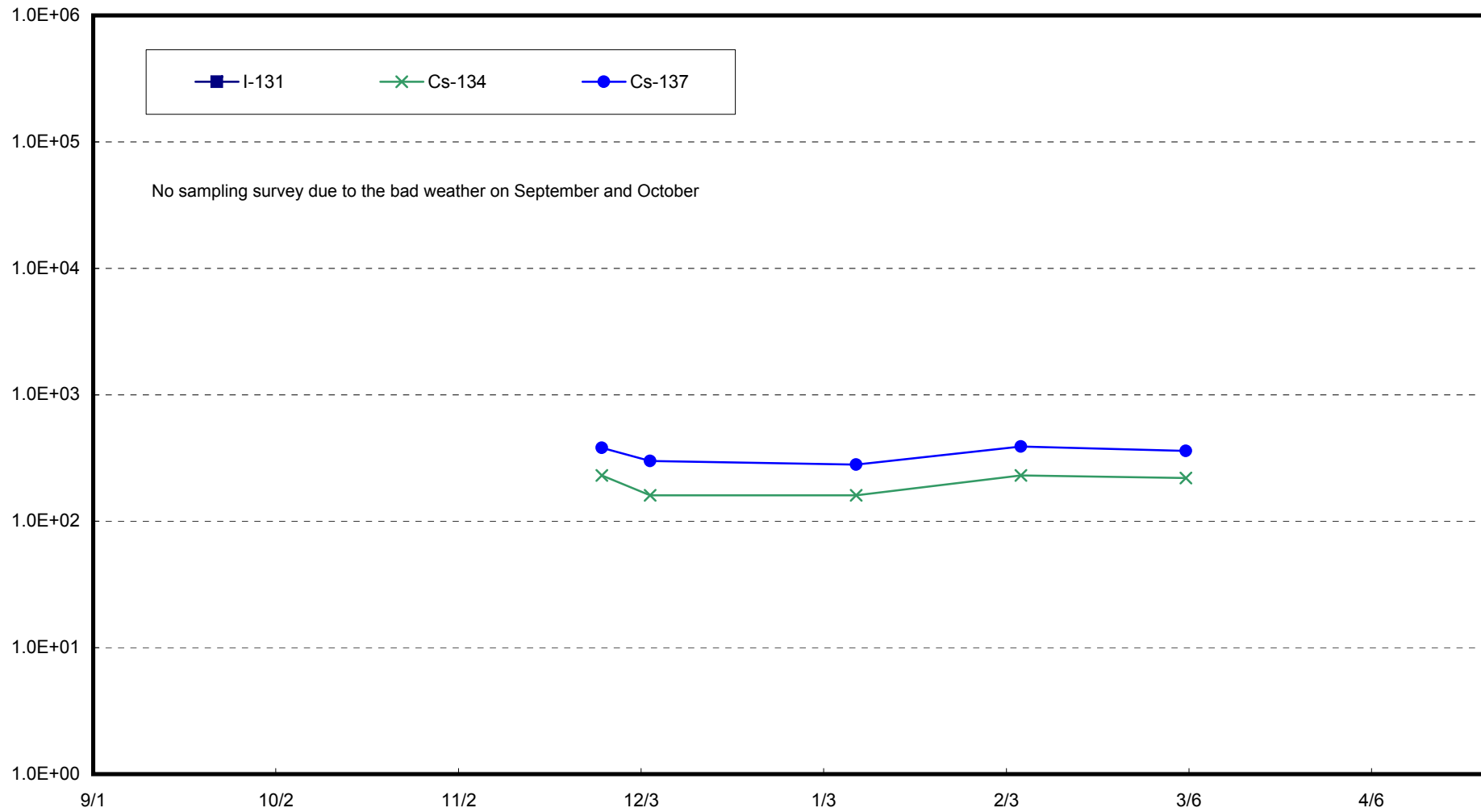
**3 "T-S7" is added from May 2012.

**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)

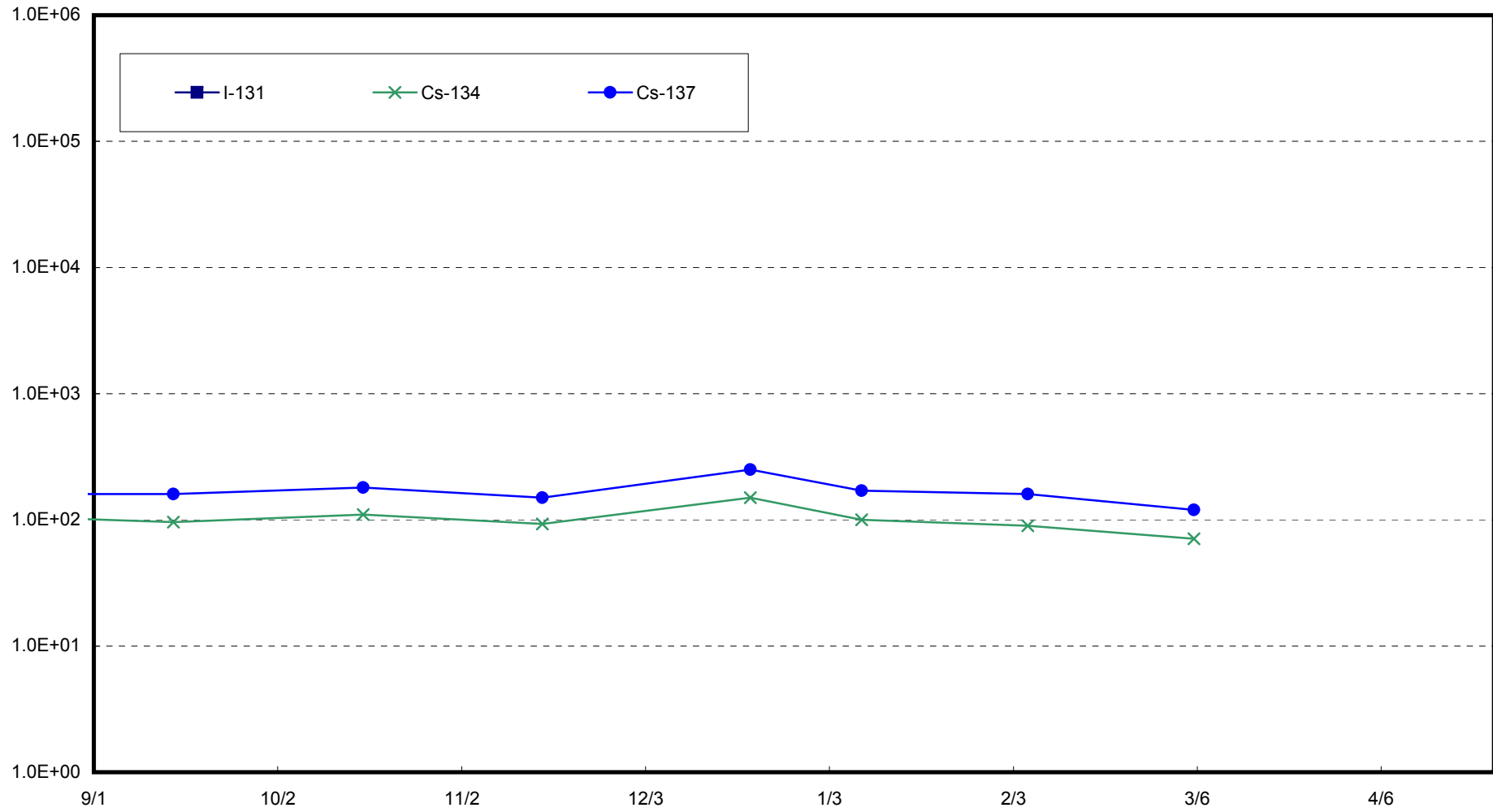


Radioactivity Density of the Marine Soil at South Discharge Channel of Fukushima Daiichi NPS
(T-2-1) (Bq/kg, dry soil)

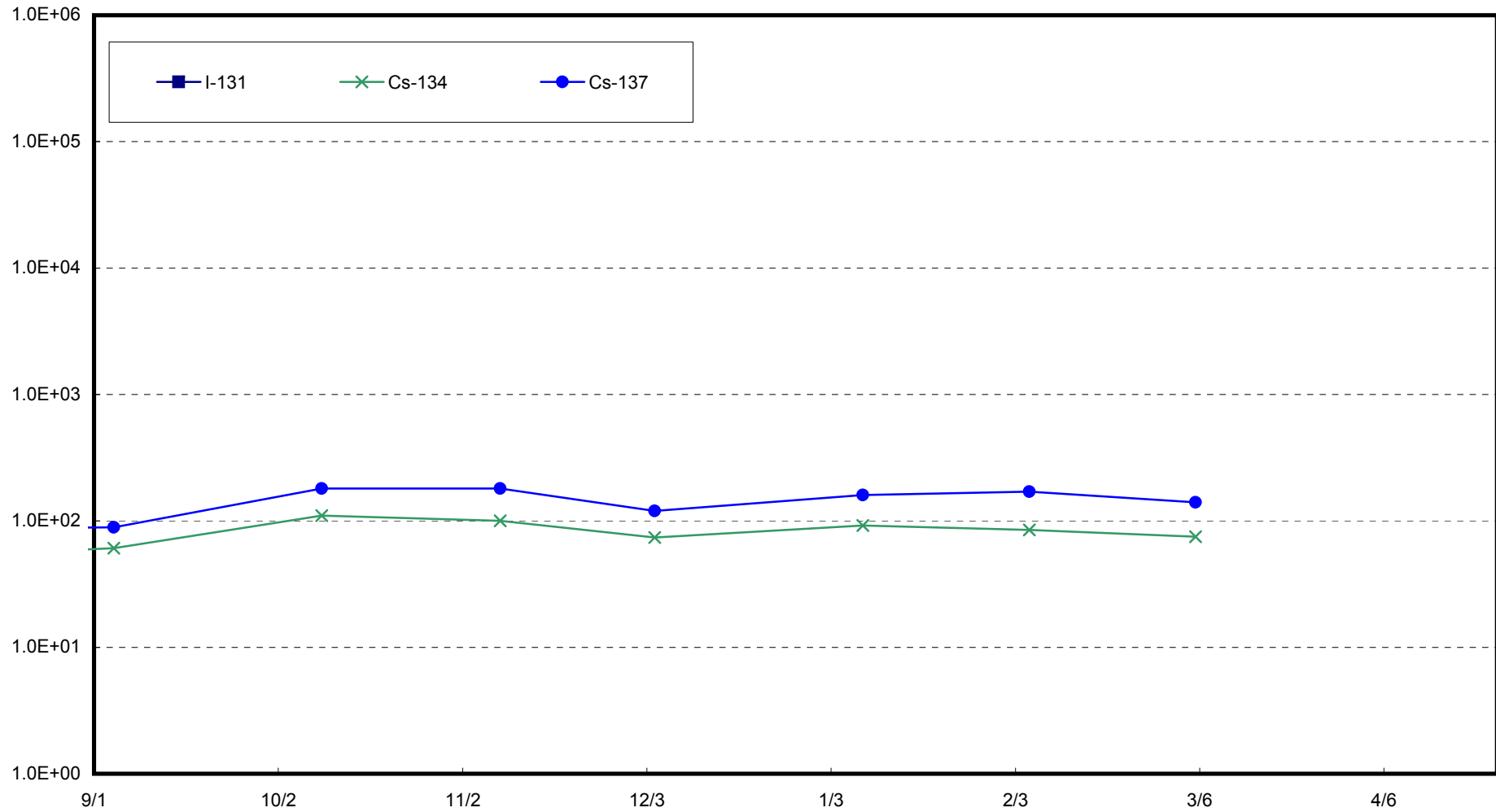


Sampling was conducted at around South Discharge Channel of Fukushima Daiichi NPS (approx. 330m south of Units 1-4 Discharge Channel) until November 25, 2012.

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

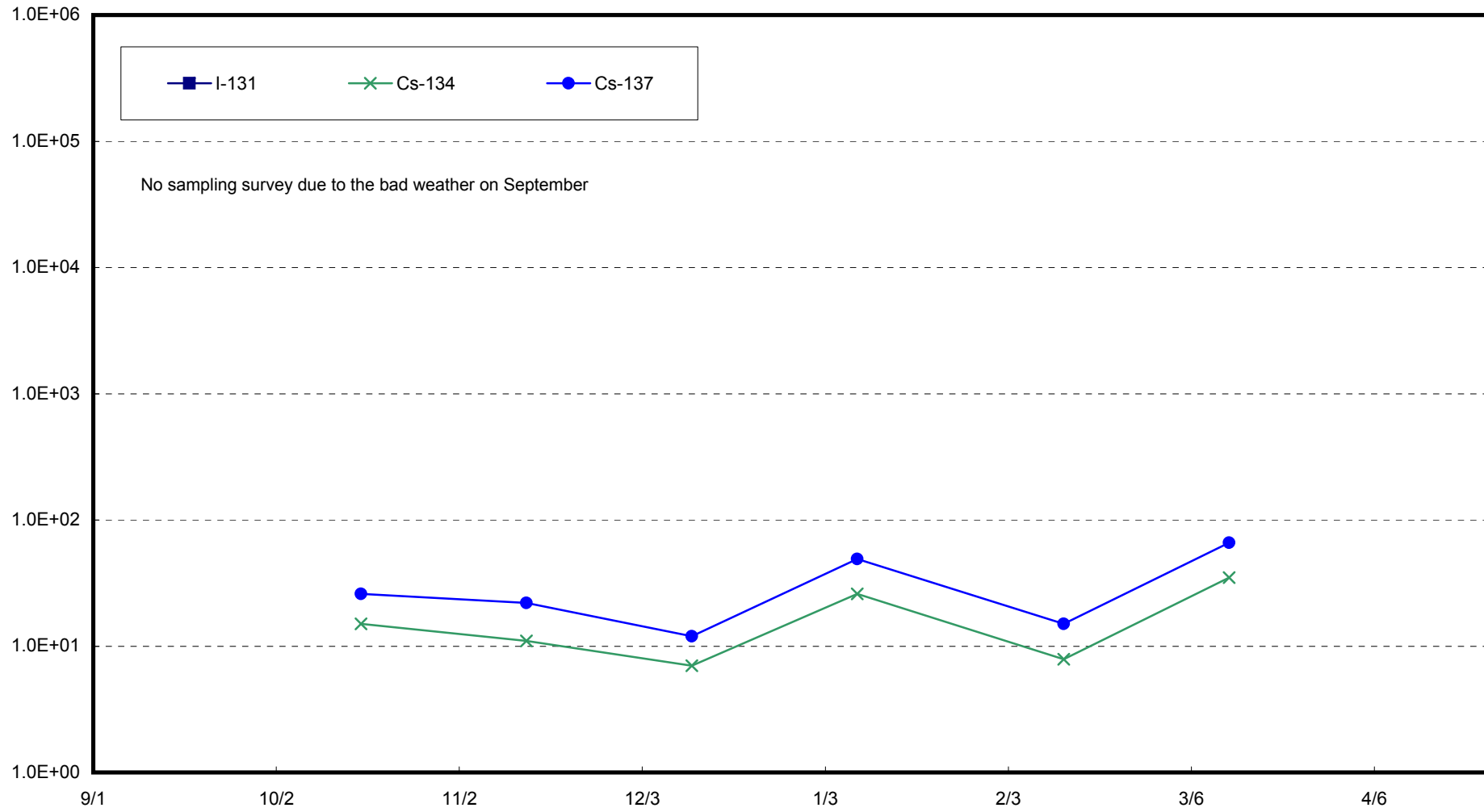


Radioactivity Density of the Marine Soil around the North Side of Asamigawa
(T-4-1) (Bq/kg, dry soil)

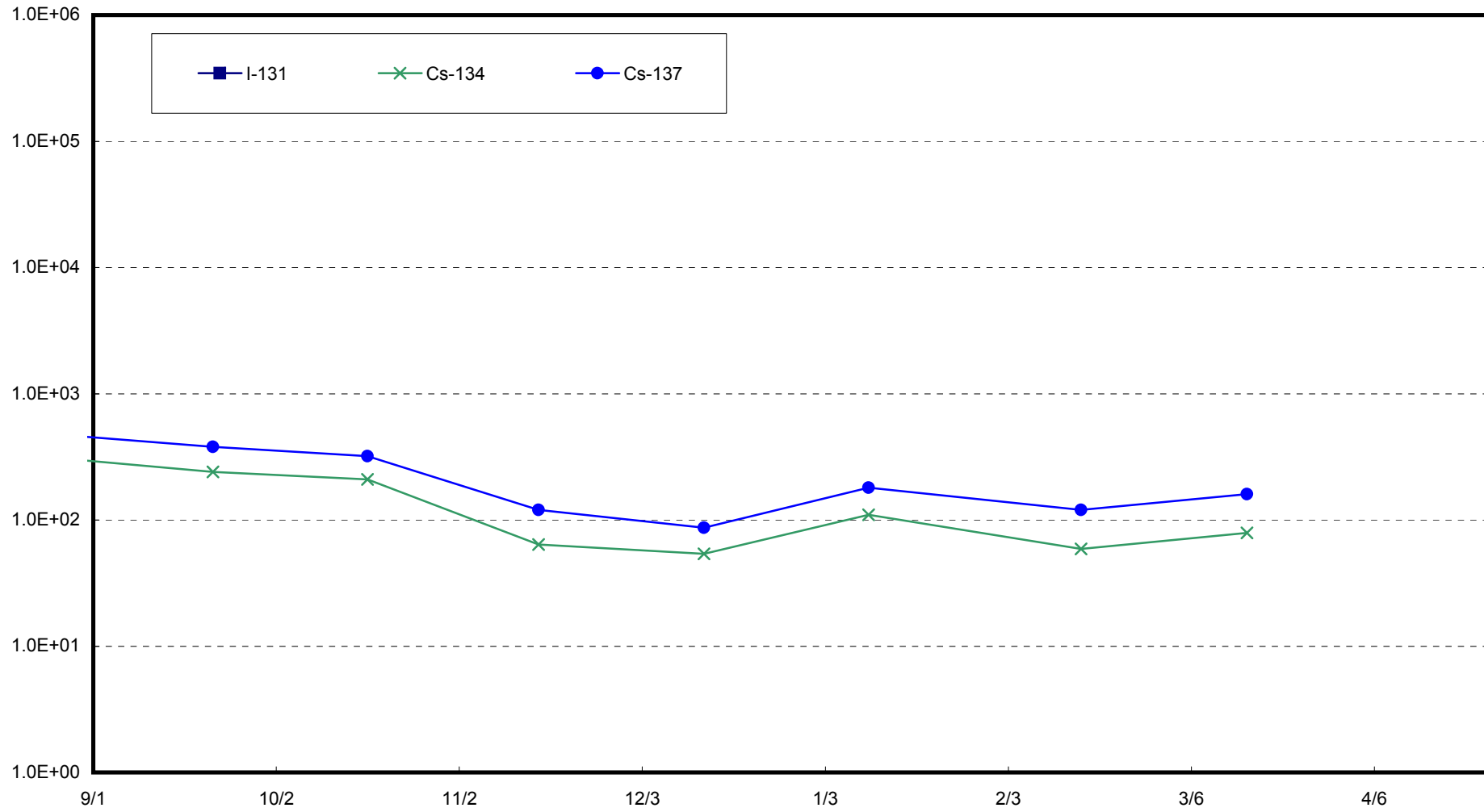


Sampling was conducted at around Iwasawa Shore of Fukushima Daini NPS (approx. 7km south of Units 1-2 Discharge Channel) (approx. 16km of Fukushima Daiichi NPS) until September 26, 2012.

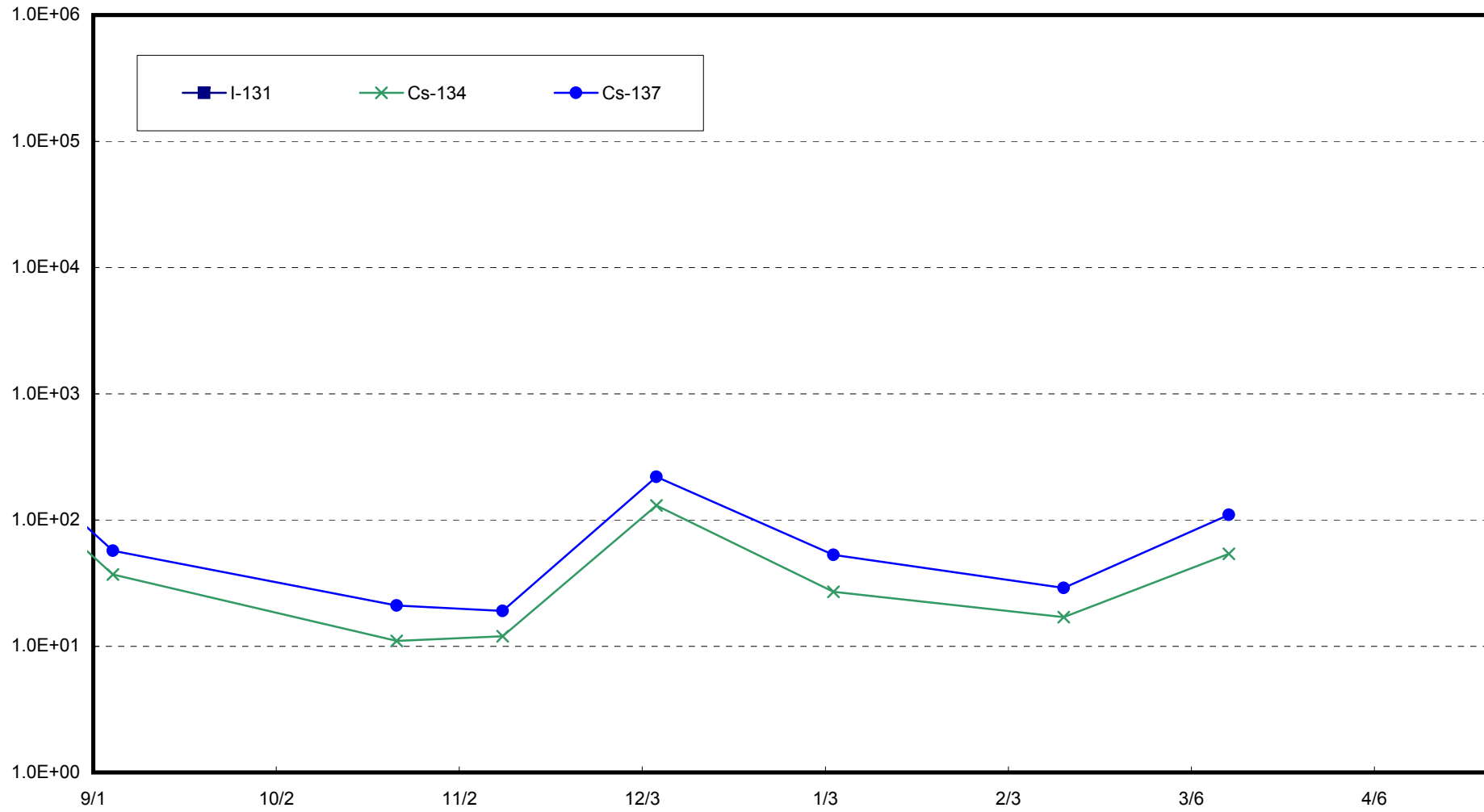
Radioactivity Density of the Marine Soil at Around 3km Offshore of Odaka Ward
(T-14) (Bq/kg , dry soil)



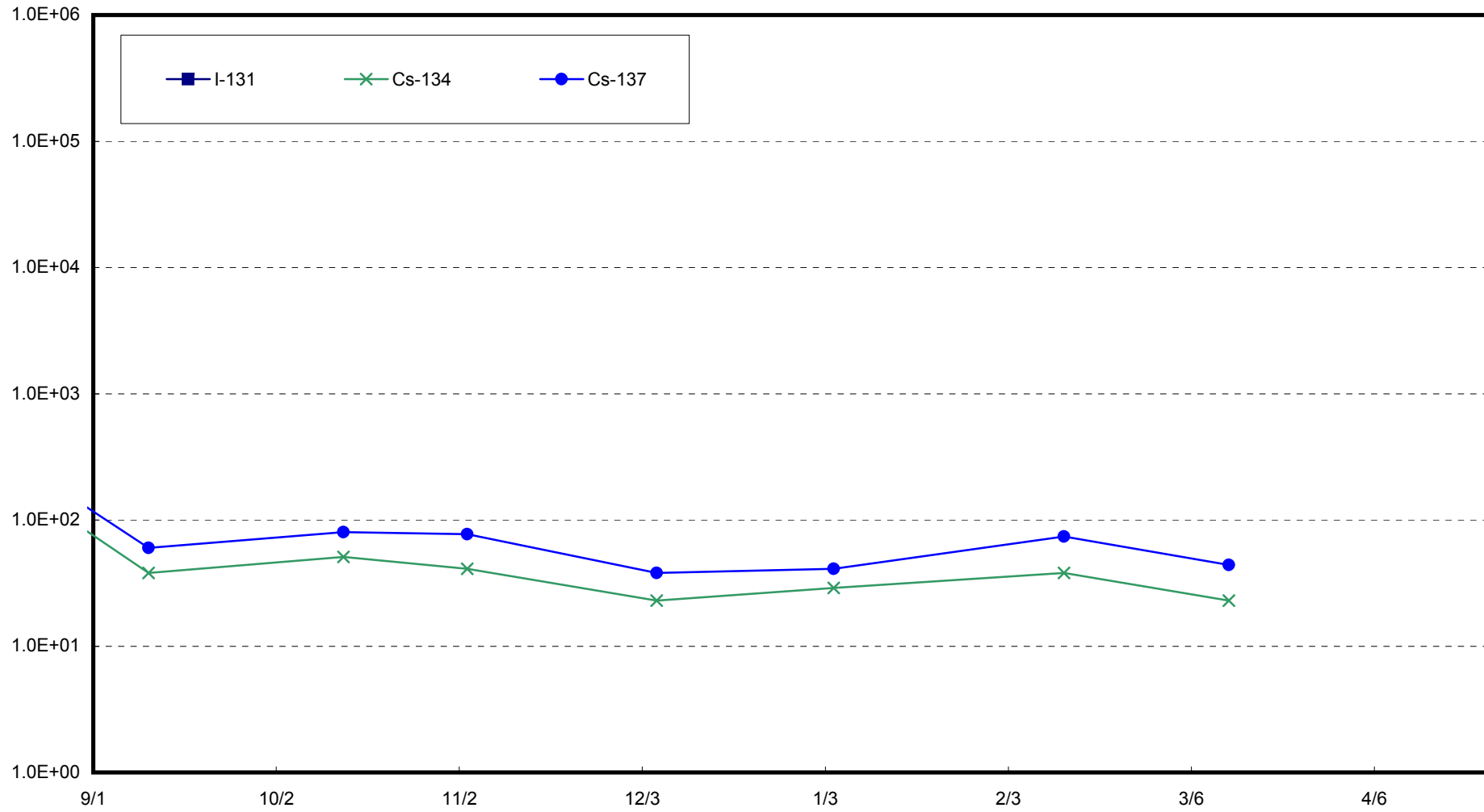
Radioactivity Density of the Marine Soil at 3km Offshore of Iwasawa Shore
(T-11) (Bq/kg, dry soil)



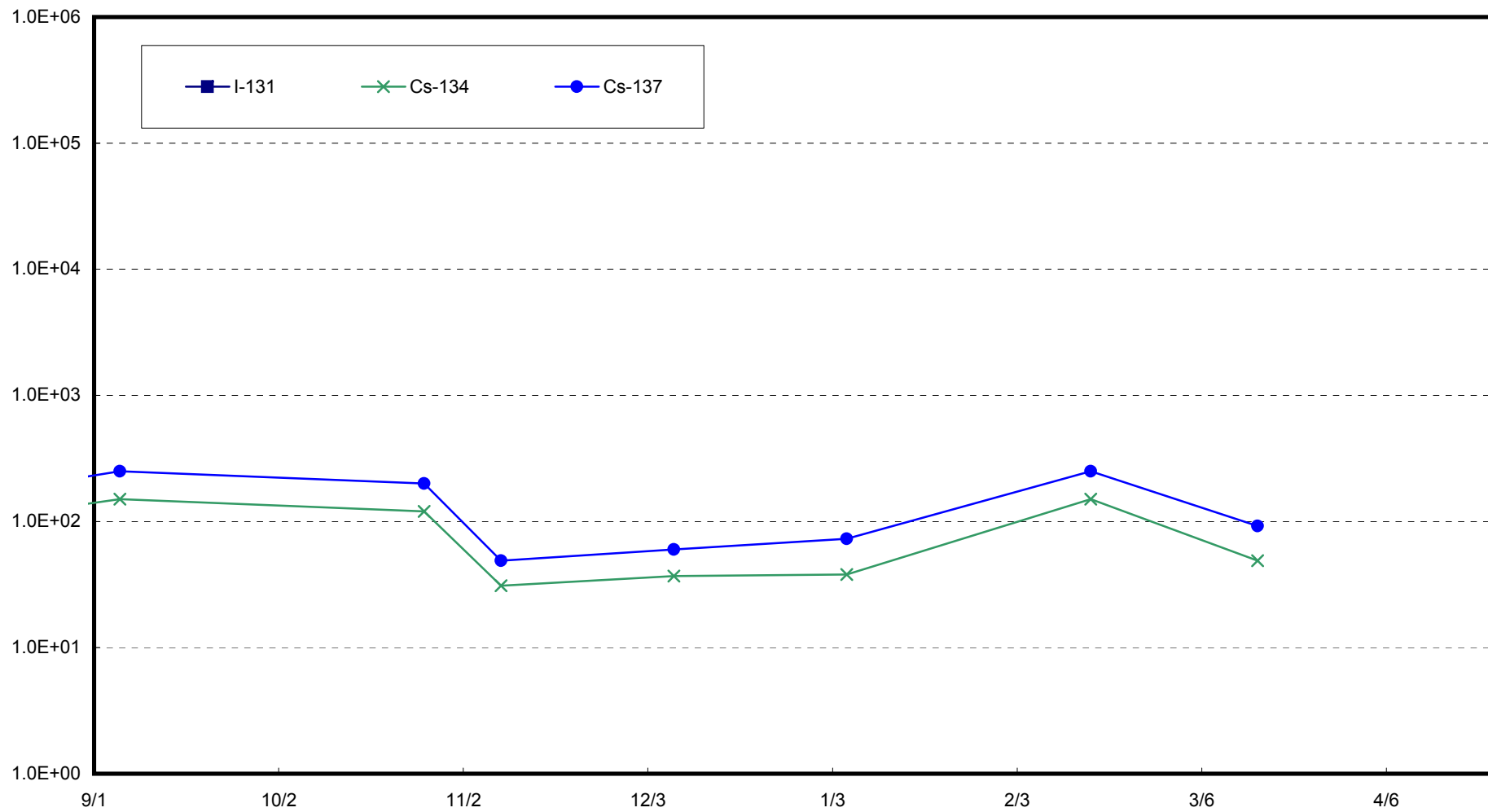
Radioactivity Density of the Marine Soil at 3km Offshore of Ukedo River
(T-D1) (Bq/kg, dry soil)



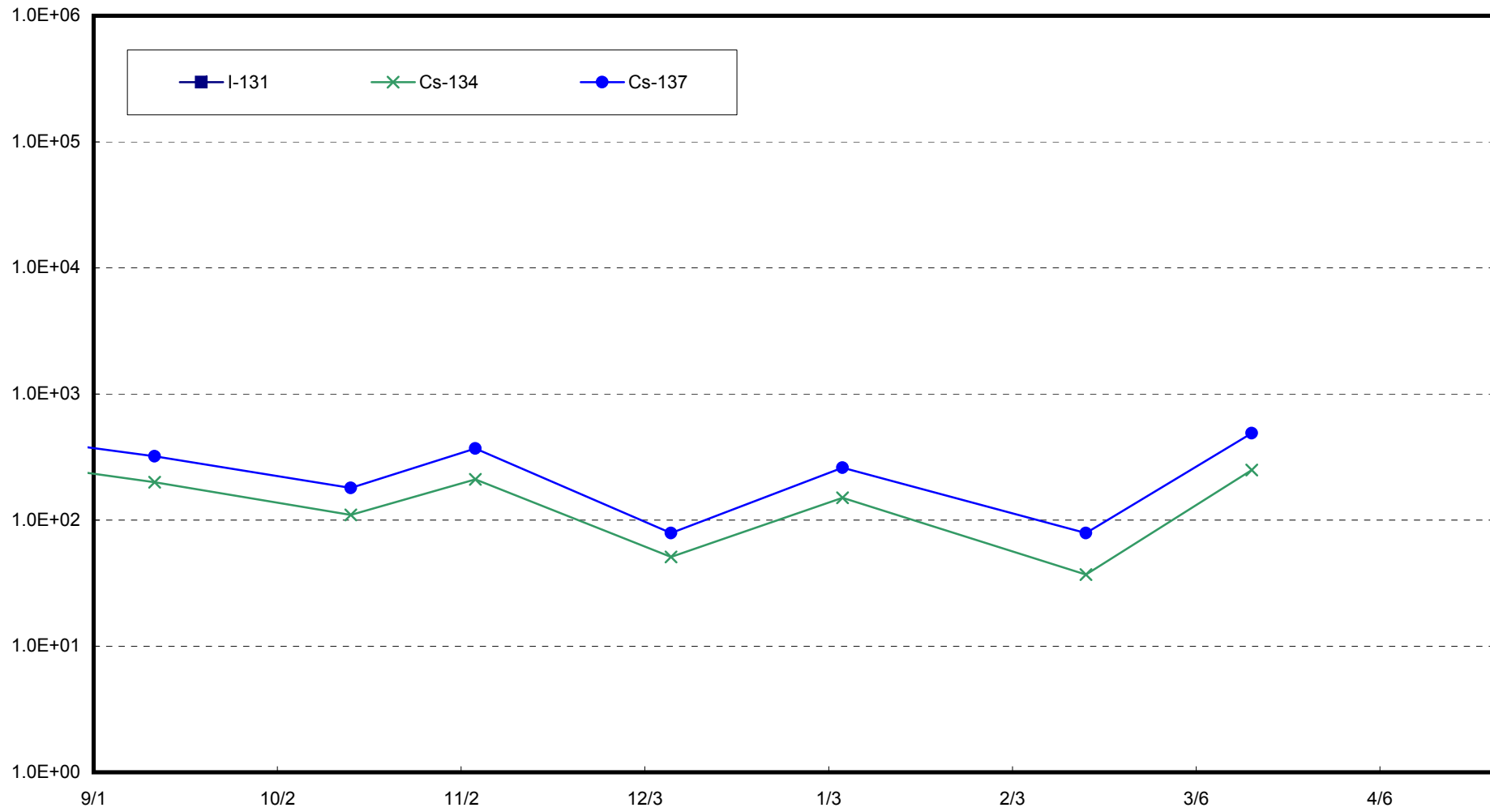
Radioactivity Density of the Marine Soil at 3km Offshore of Fukushima Daiichi NPS
(T-D5) (Bq/kg , dry soil)



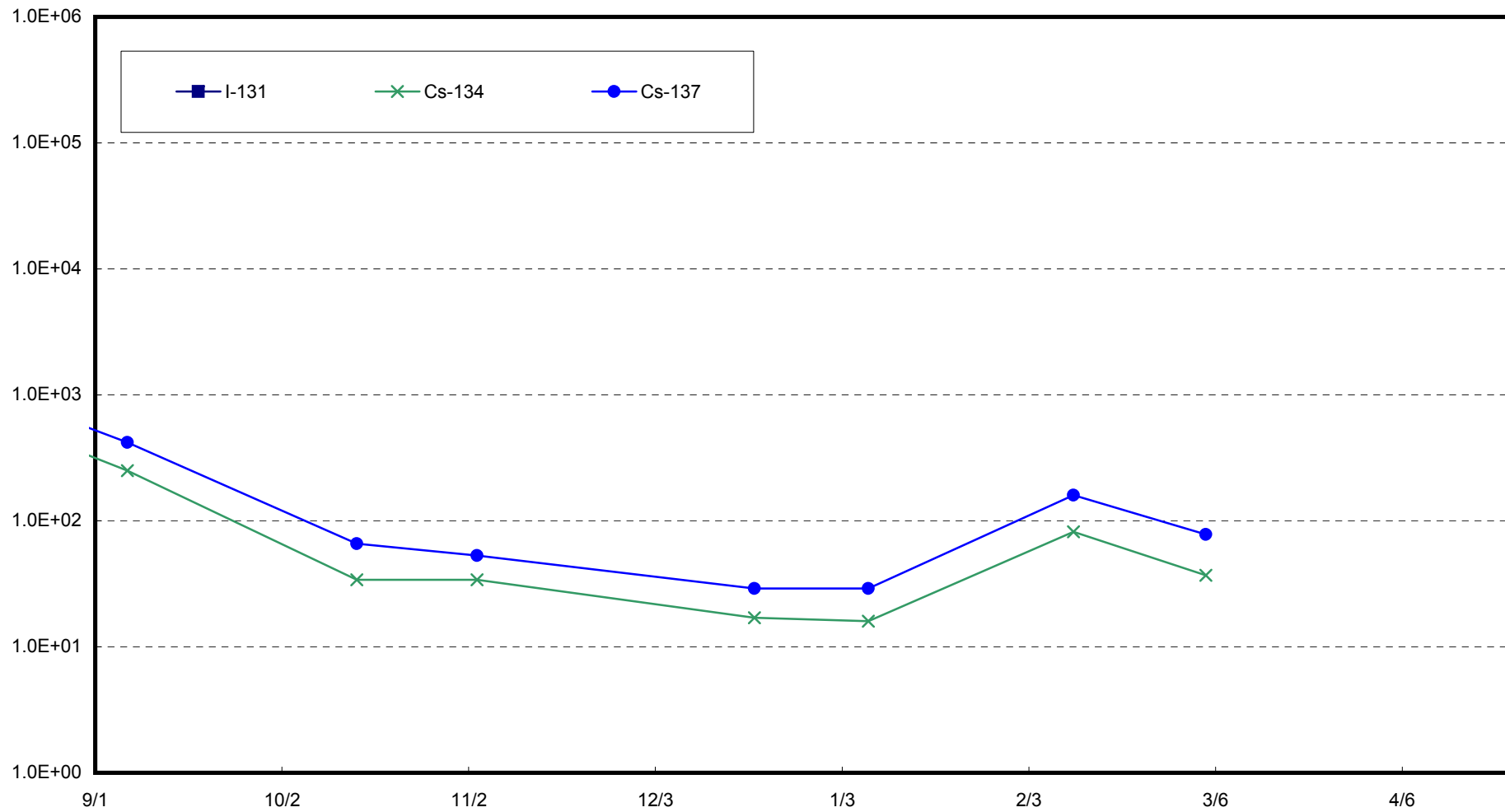
Radioactivity Density of the Marine Soil at 3km Offshore of Fukushima Daini NPS
(T-D9) (Bq/kg, dry soil)



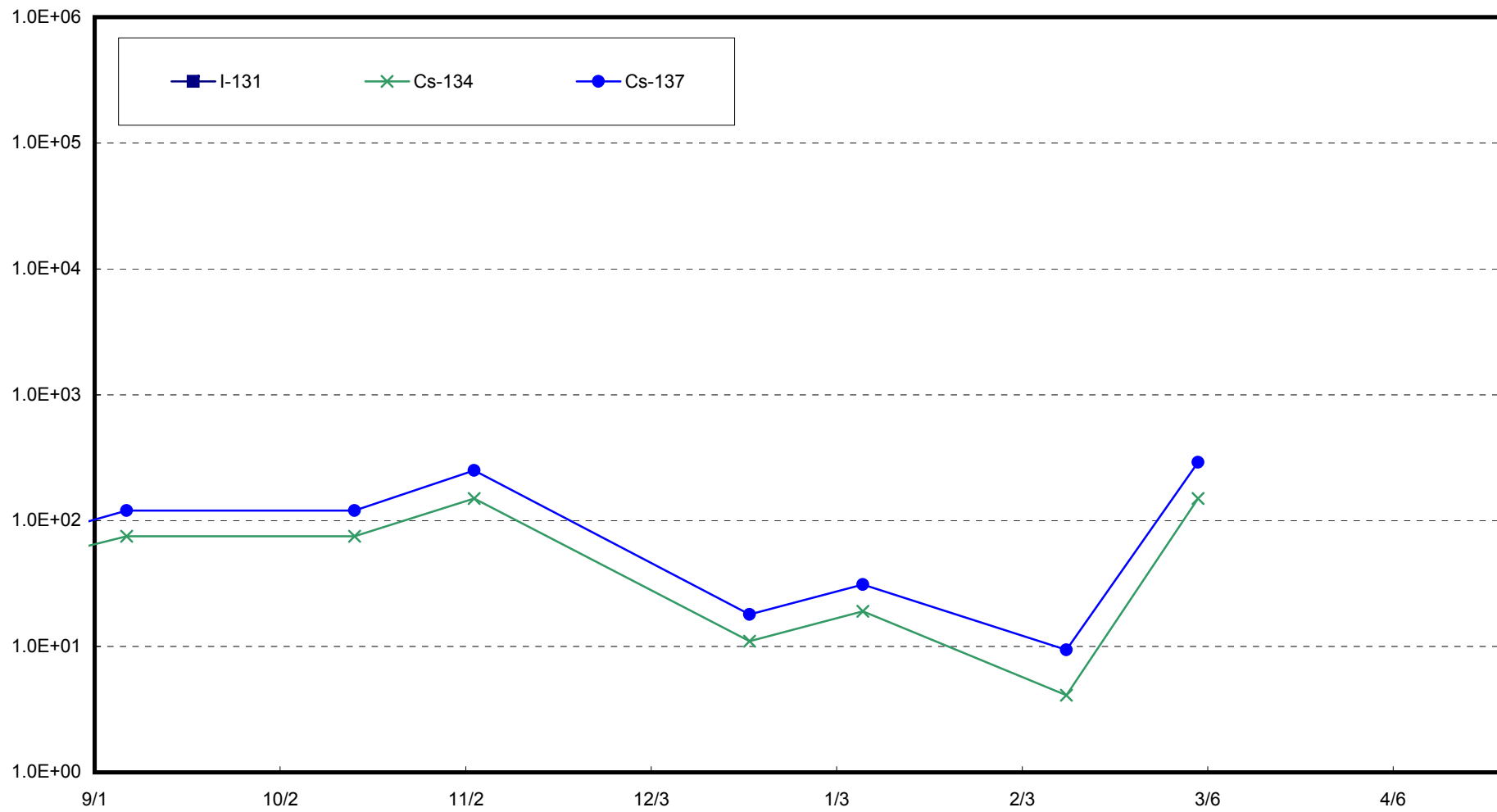
Radioactivity Density of the Marine Soil at 15km Offshore of Fukushima Daiichi NPS
(T-5) (Bq/kg, dry soil)



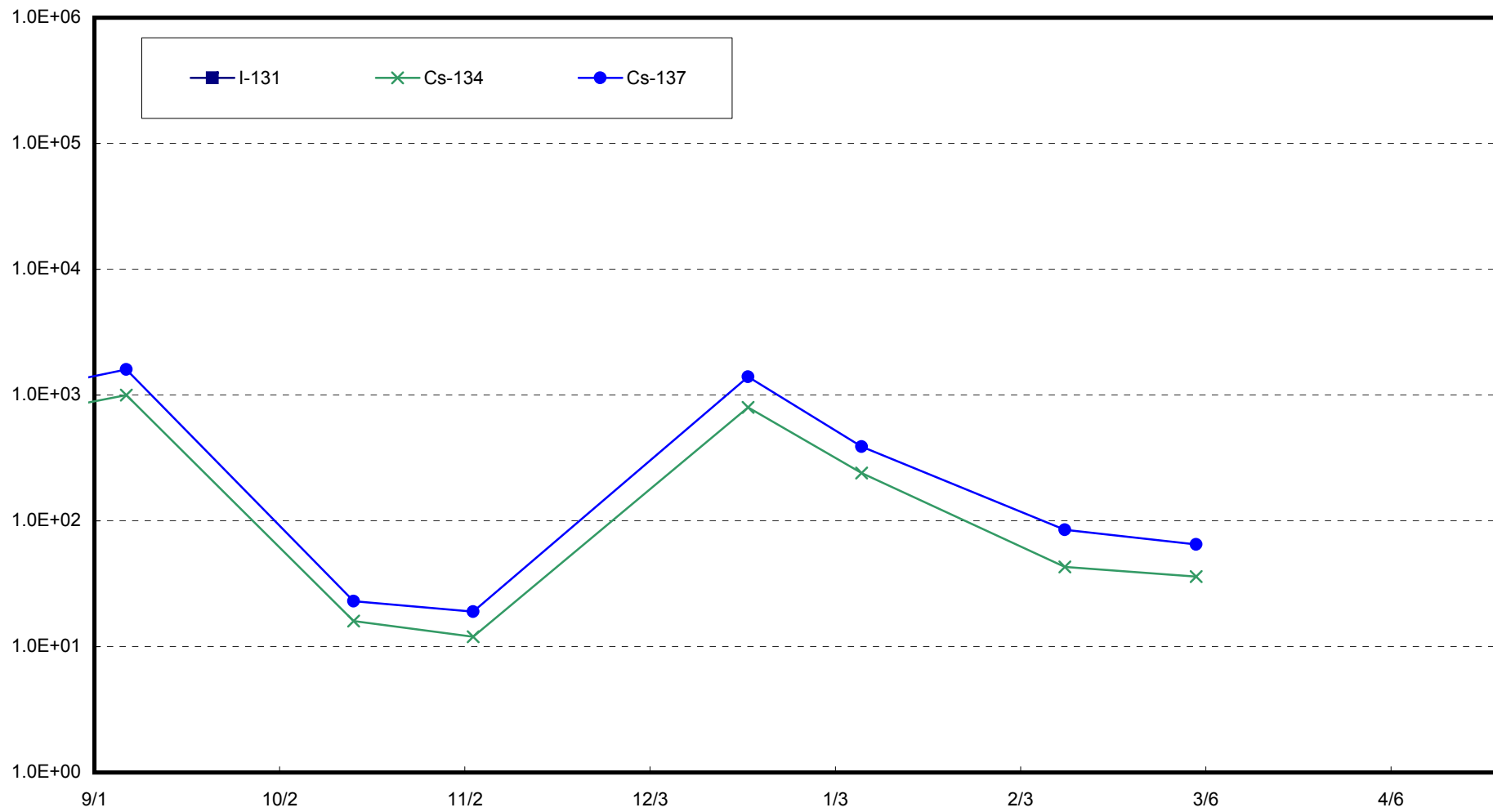
Radioactivity Density of the Marine Soil at 1km Offshore of Murakami, Odaka Ward (T-①) (Bq/kg (dry soil))



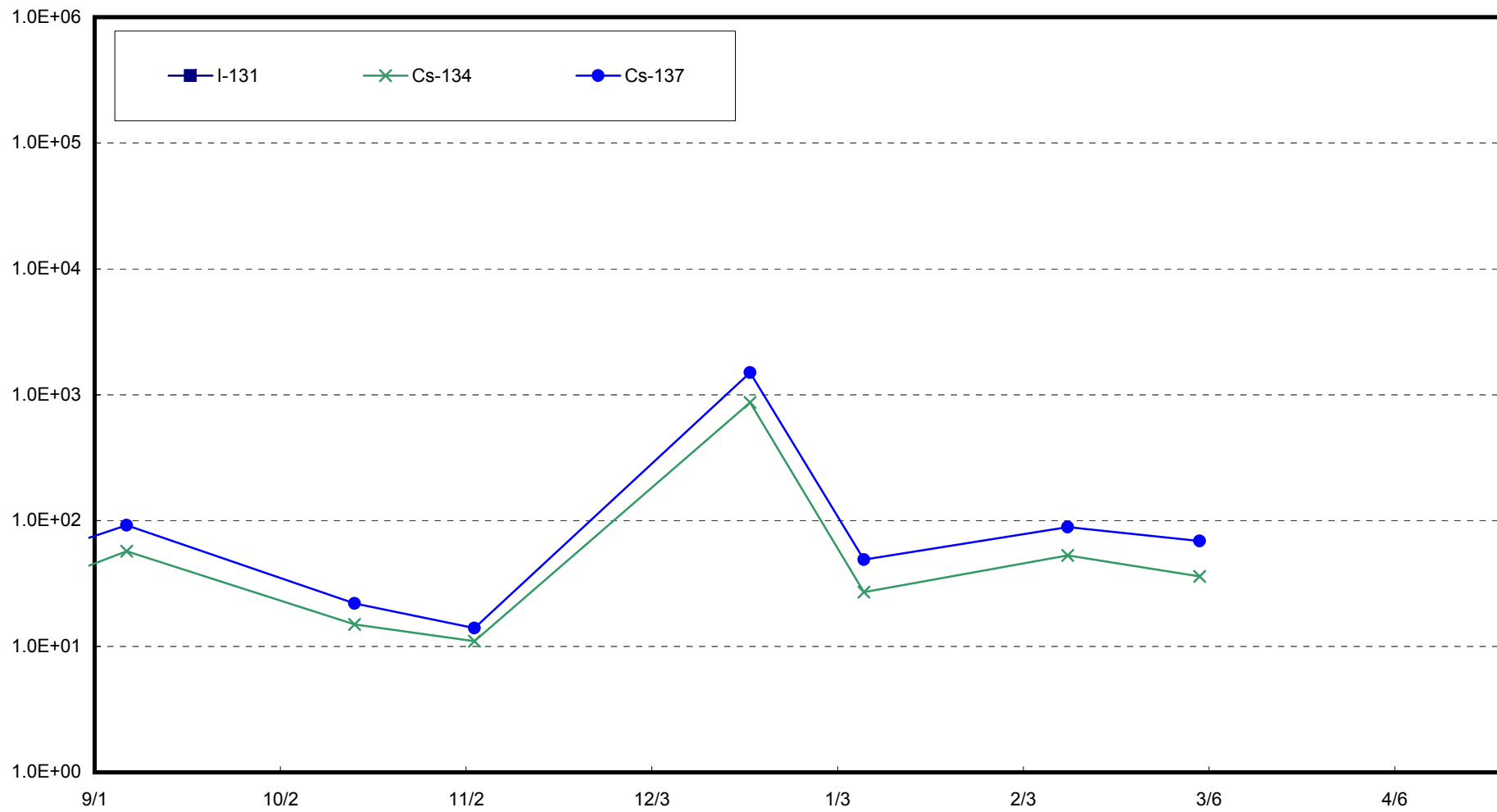
Radioactivity Density of the Marine Soil at 2km Offshore of Murakami, Odaka Ward (T-②) (Bq/kg (dry soil))



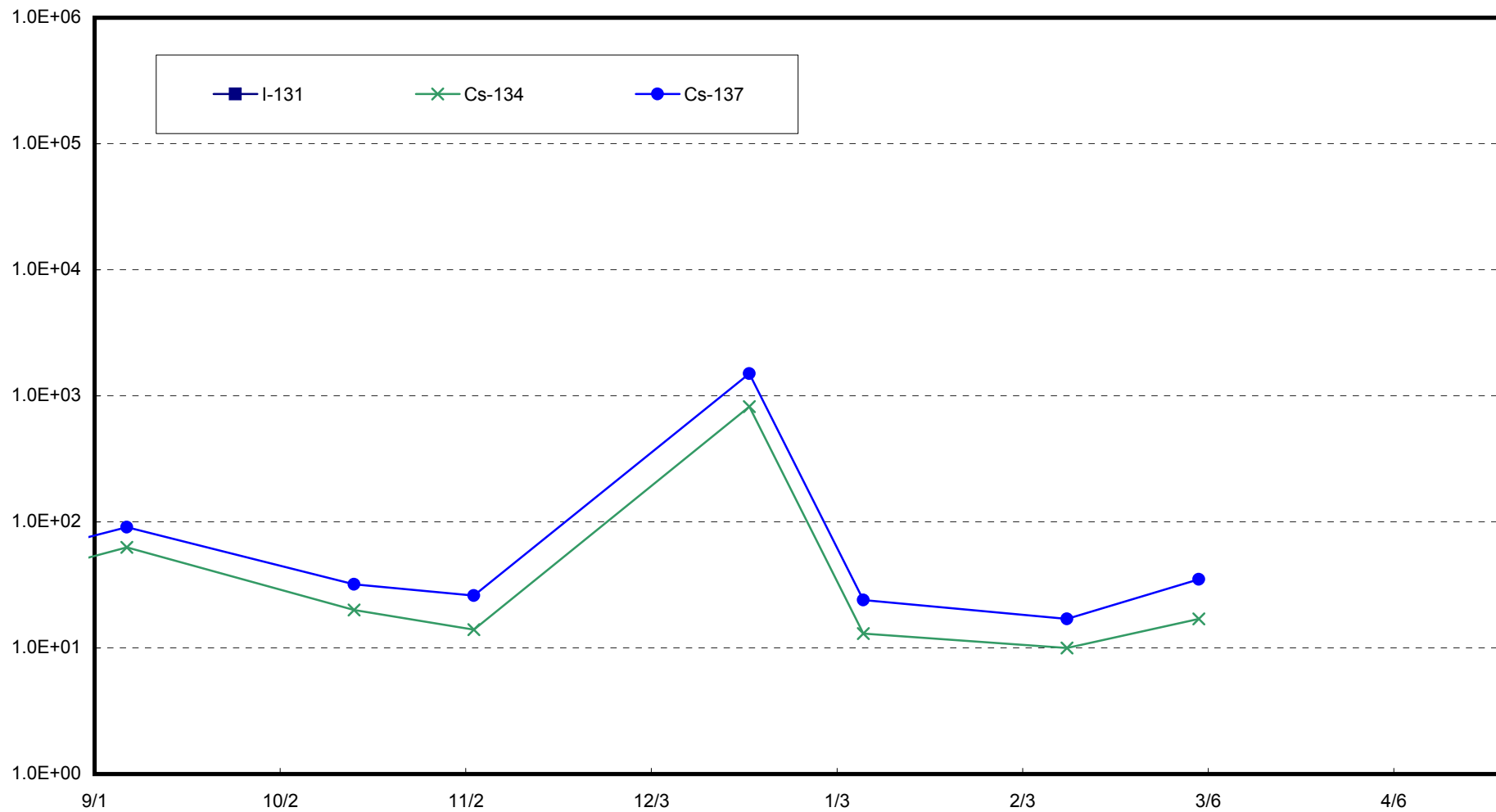
Radioactivity Density of the Marine Soil at 1km Offshore of Ukedo, Namie Town (T-③) (Bq/kg (dry soil))



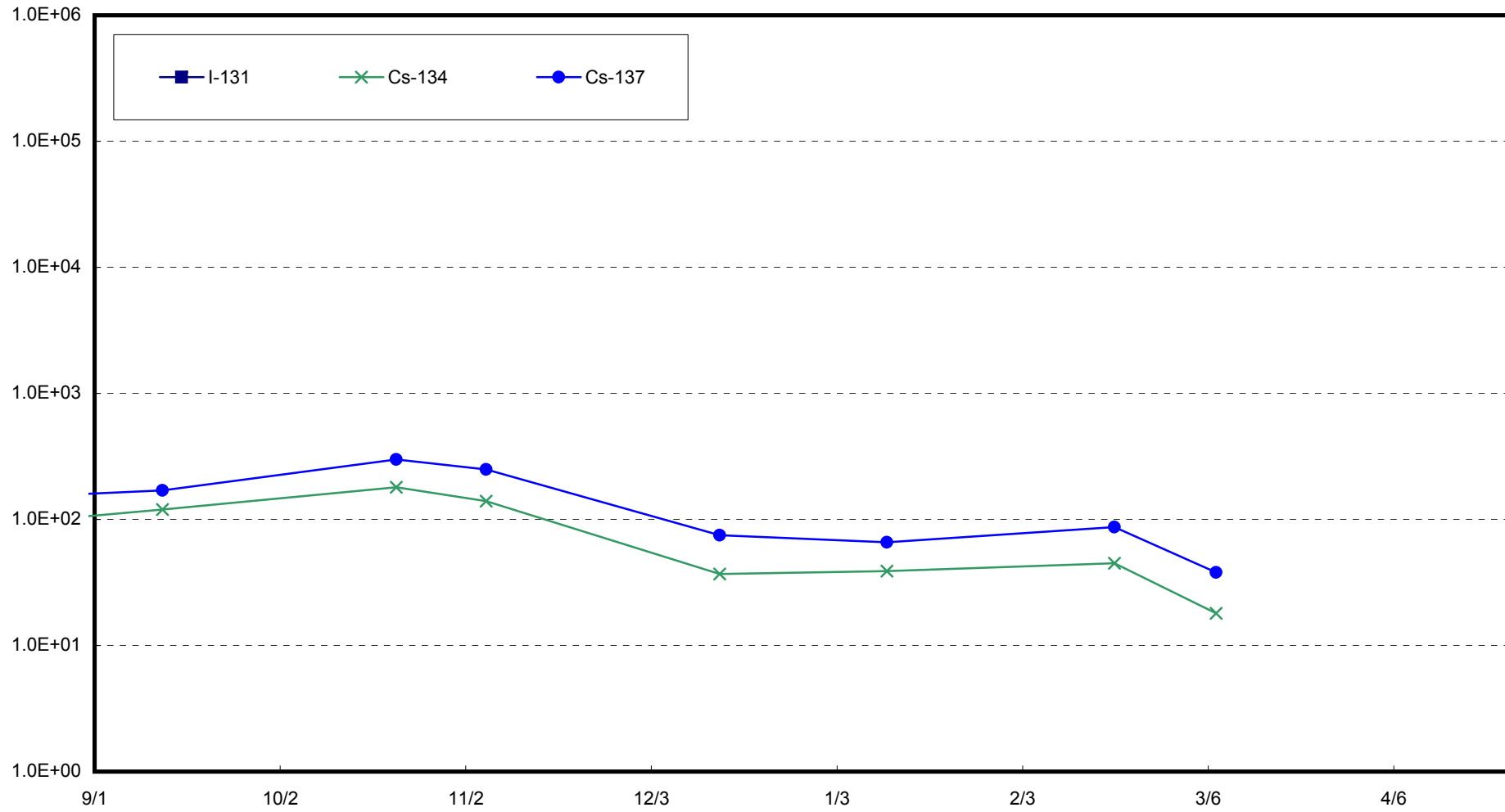
Radioactivity Density of the Marine Soil at 2km Offshore of Ukedo, Namie Town (T-④) (Bq/kg (dry soil))



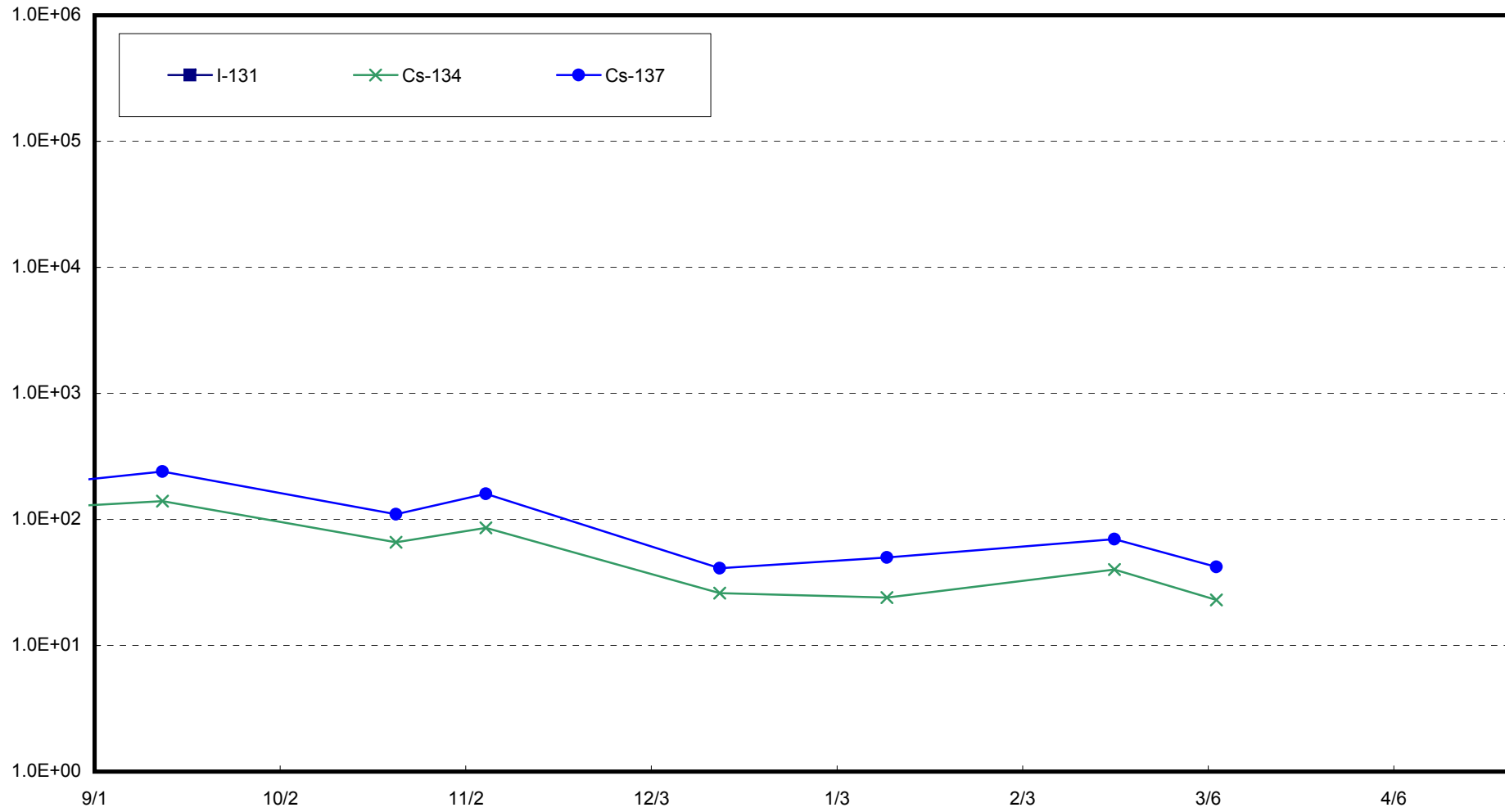
Radioactivity Density of the Marine Soil at 3km Offshore of Ukedo, Namie Town (T-⑤) (Bq/kg (dry soil))



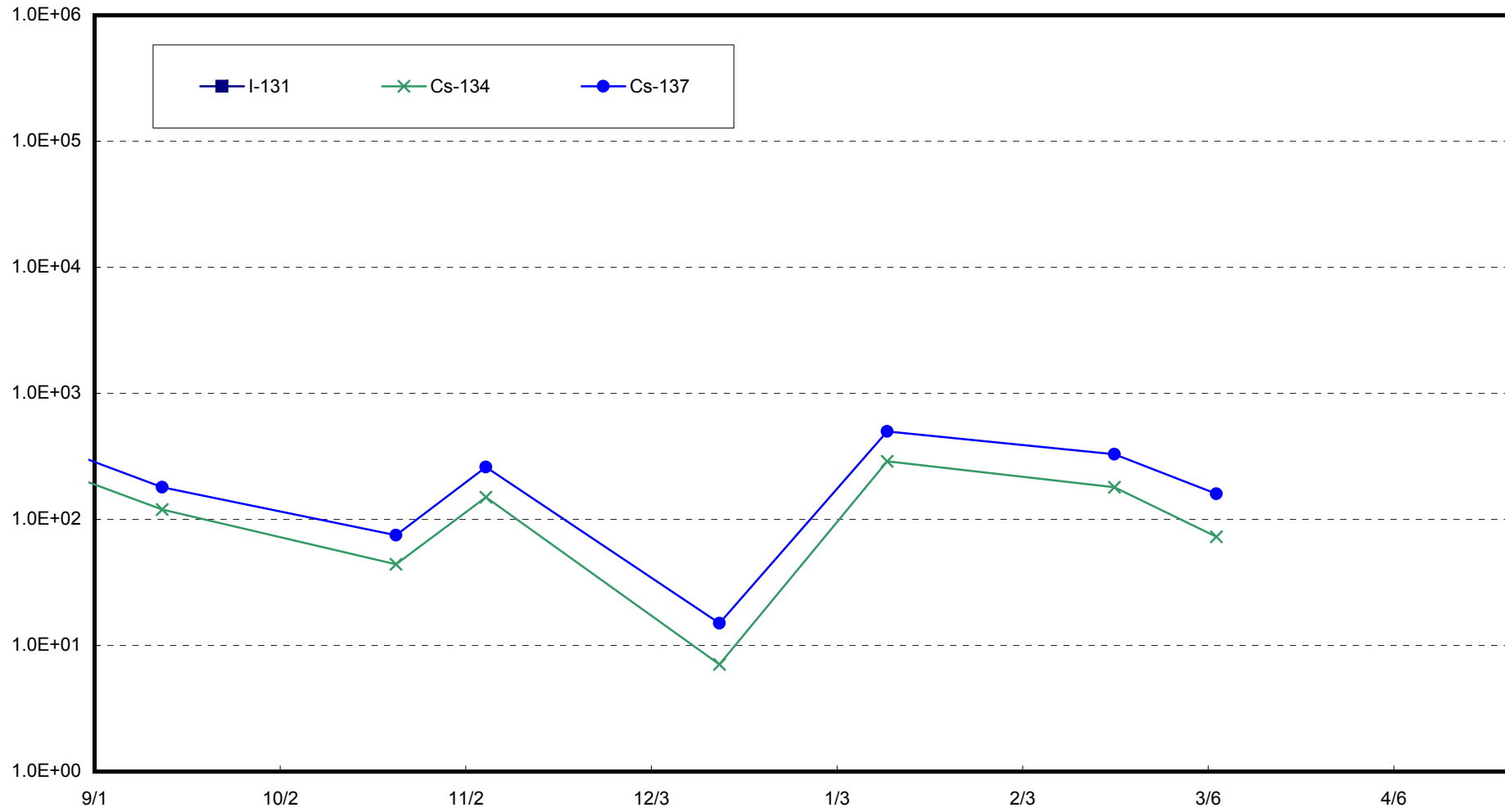
Radioactivity Density of the Marine Soil at 1km Offshore of Kumagawa, Okuma Town (T-⑥) (Bq/kg (dry soil))



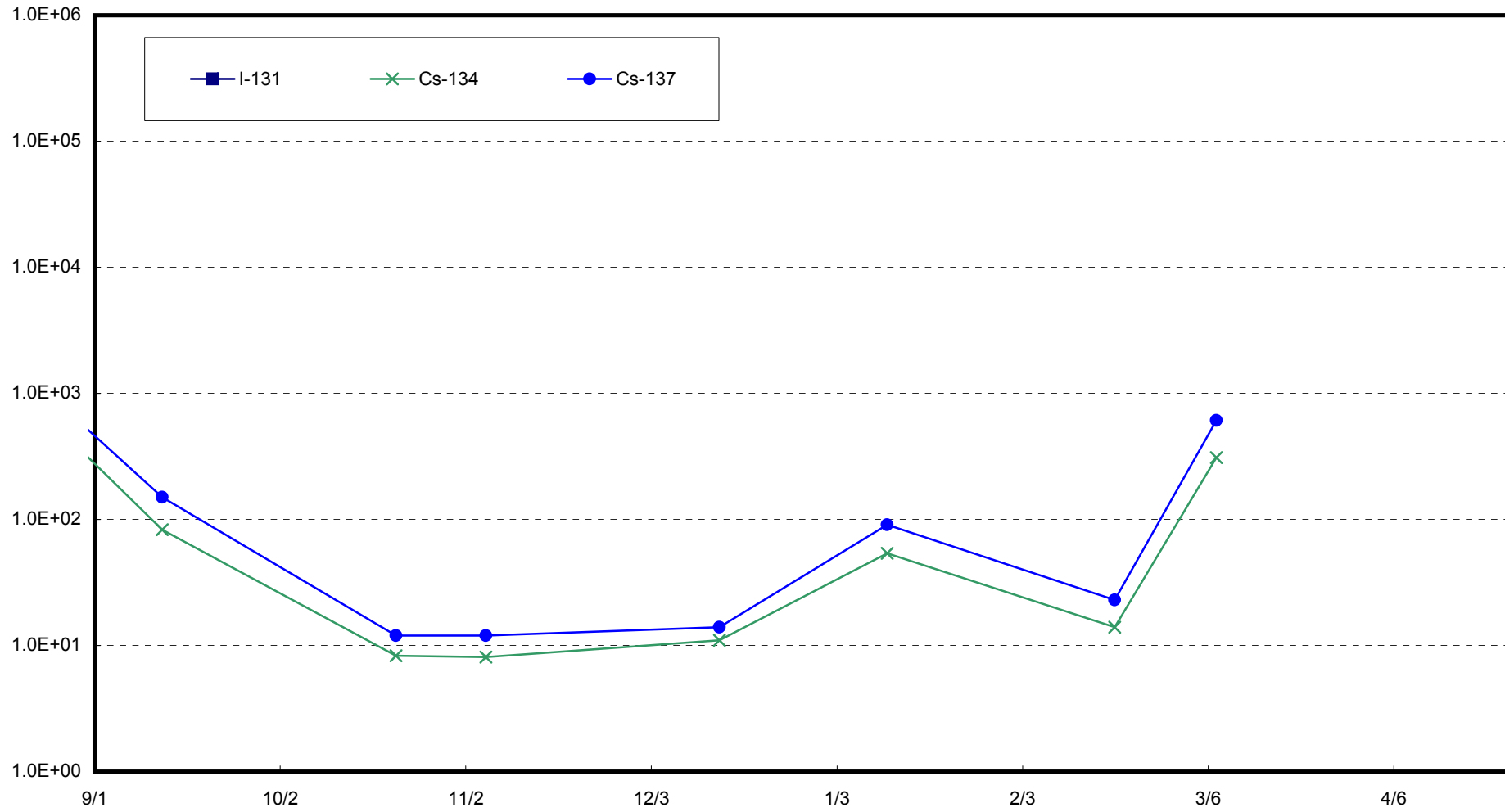
Radioactivity Density of the Marine Soil at 2km Offshore of Kumagawa, Okuma Town (T-⑦) (Bq/kg (dry soil))



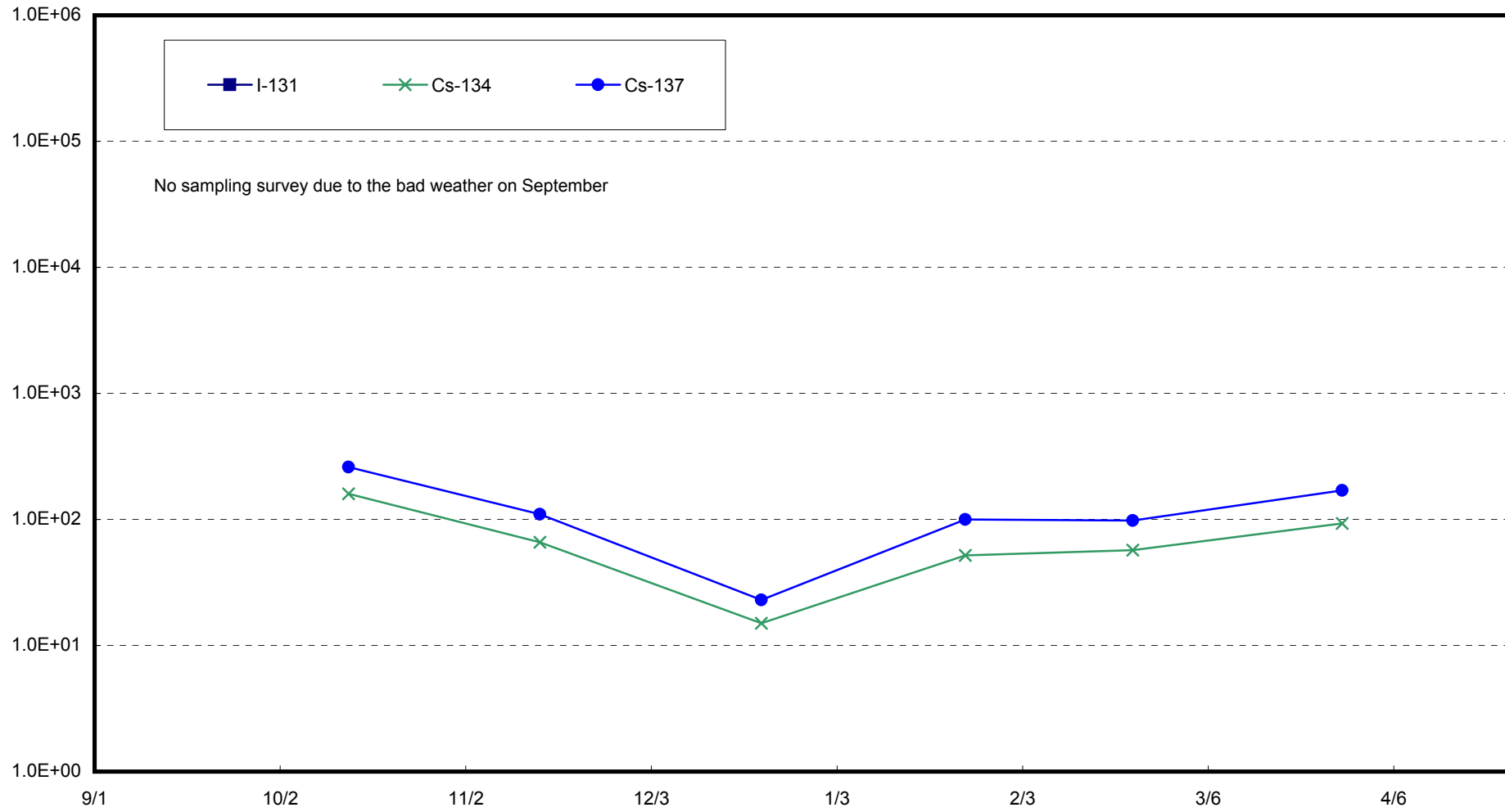
Radioactivity Density of the Marine Soil at 3km Offshore of Kumagawa, Okuma Town (T-⑧) (Bq/kg (dry soil))



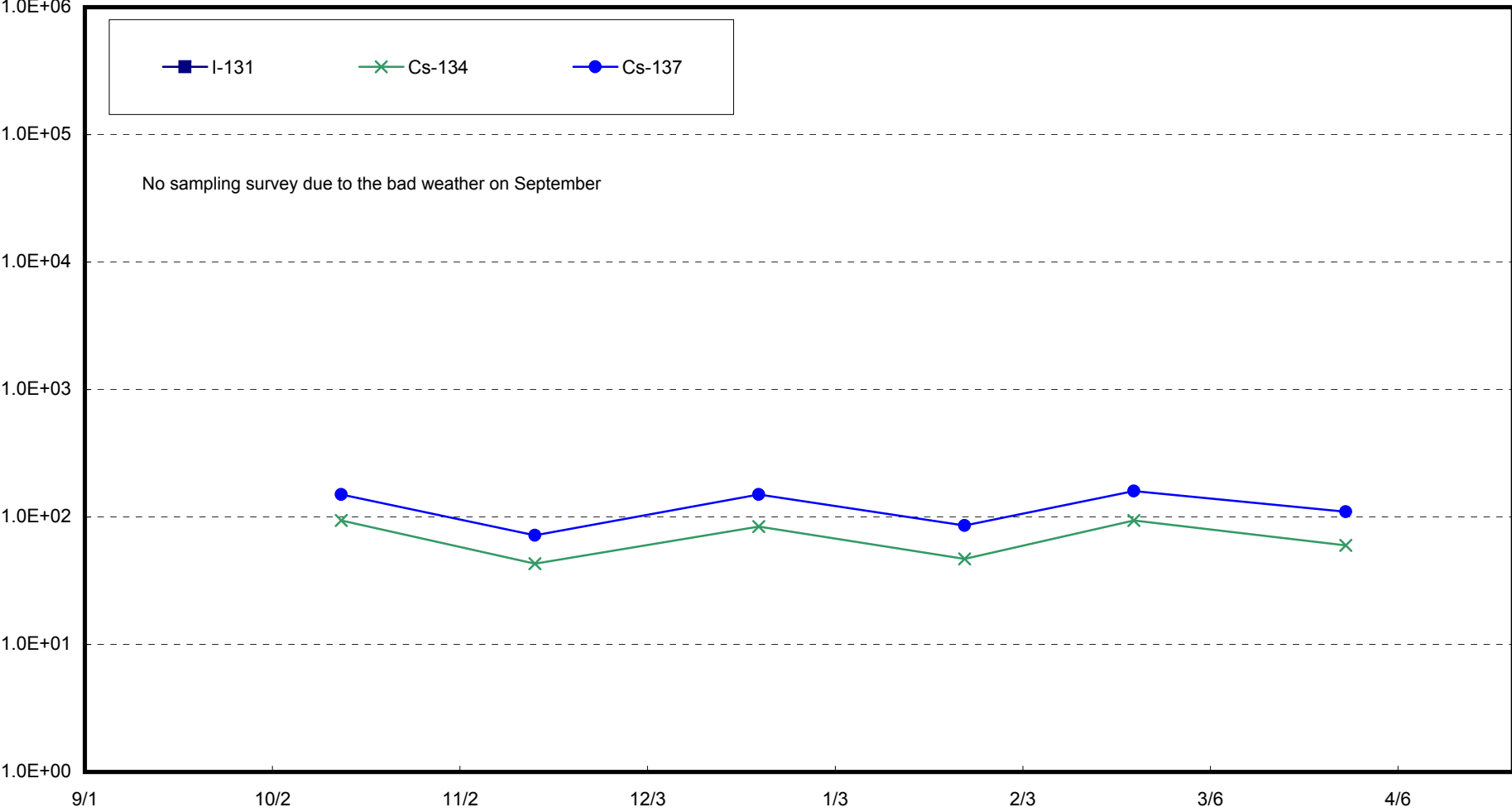
Radioactivity Density of the Marine Soil at 5km Offshore of Kumagawa, Okuma Town (T-9) (Bq/kg (dry soil))



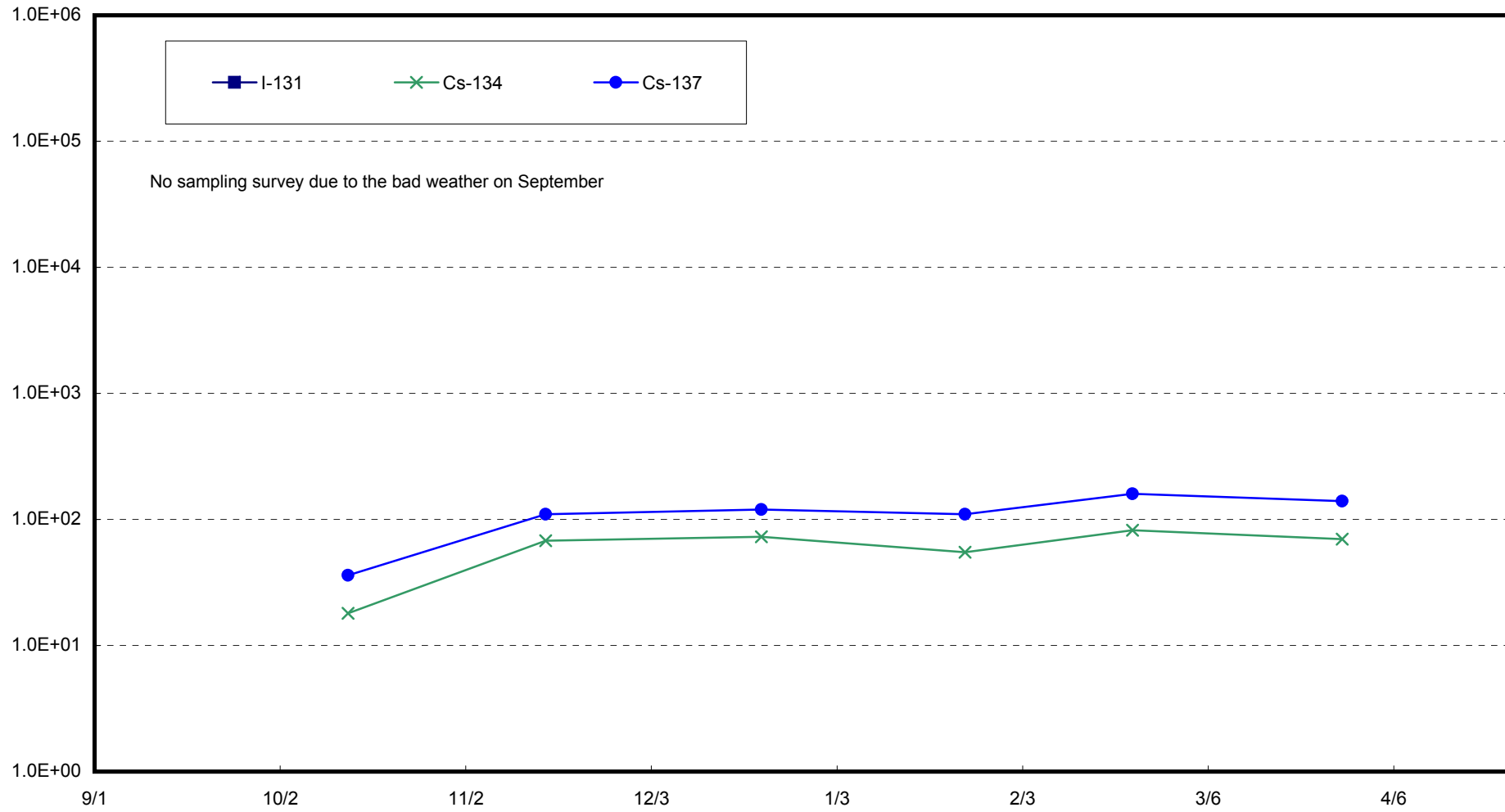
Radioactivity Density of the Marine Soil at 10km Offshore of Kumagawa, Okuma Town (T-10) (Bq/kg (dry soil))



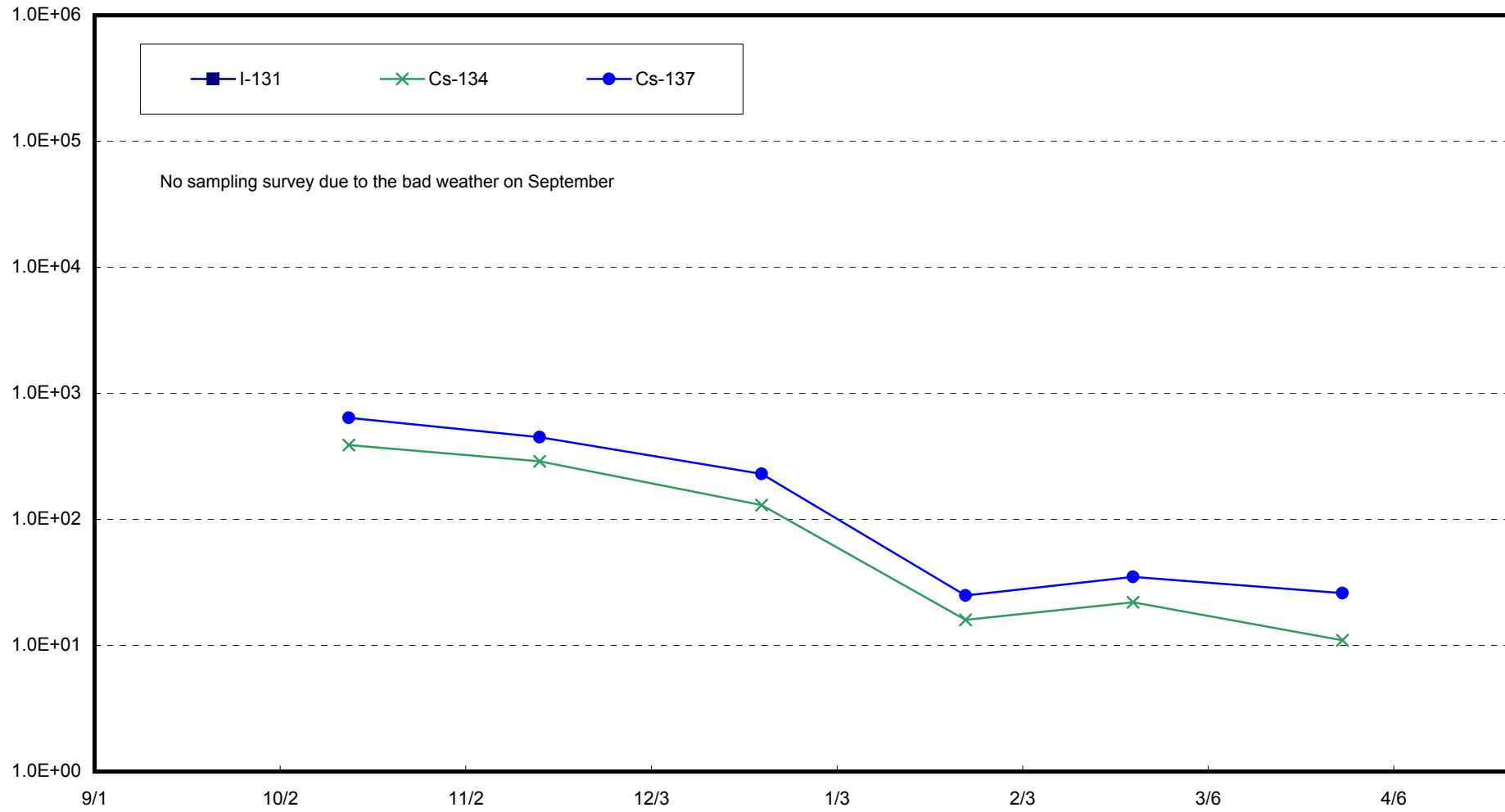
Radioactivity Density of the Marine Soil at 15km Offshore of Kumagawa, Okuma Town (T-⑪) (Bq/kg (dry soil))



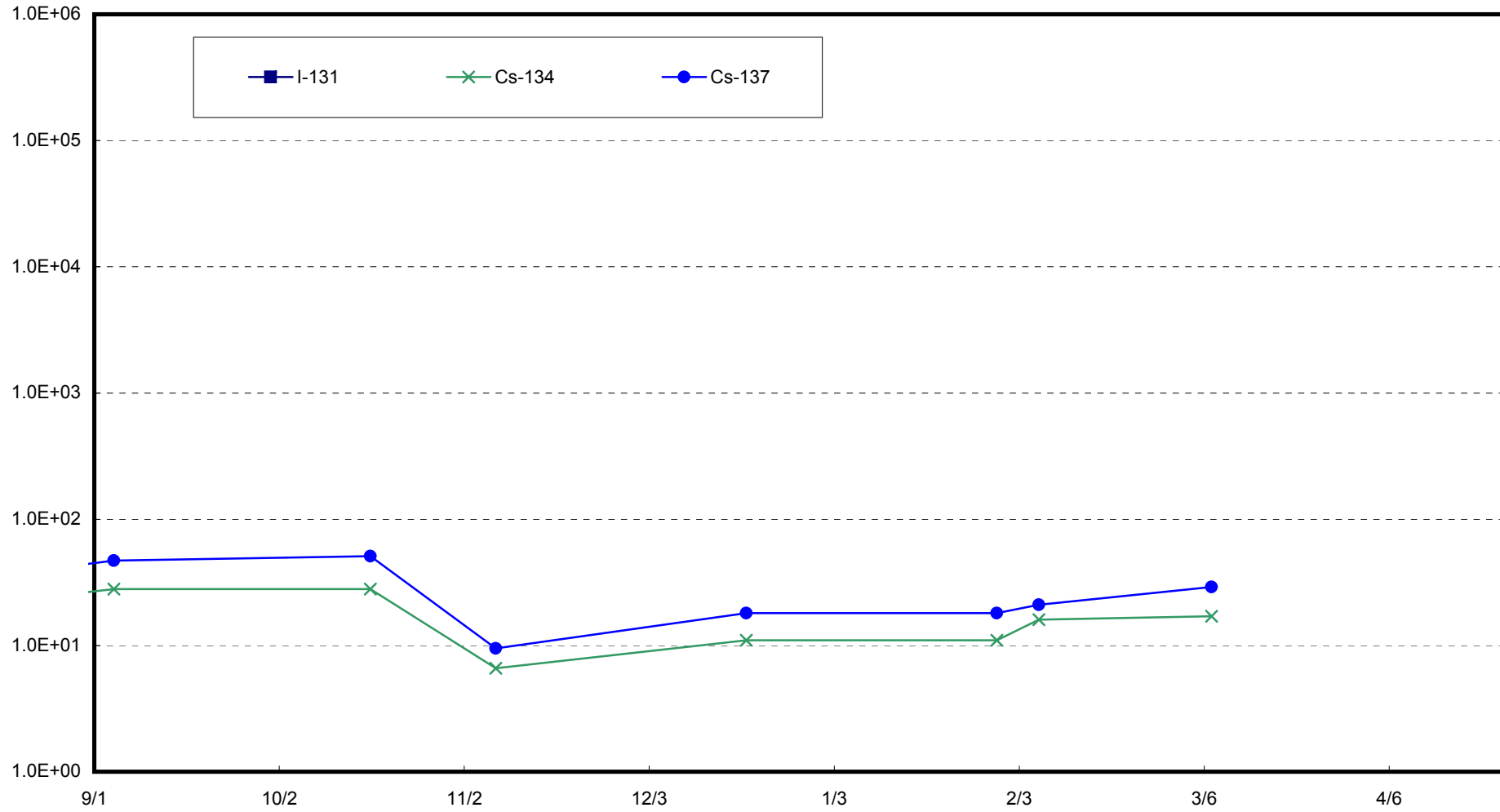
Radioactivity Density of the Marine Soil at 20km Offshore of Kumagawa, Okuma Town (T-12) (Bq/kg (dry soil))



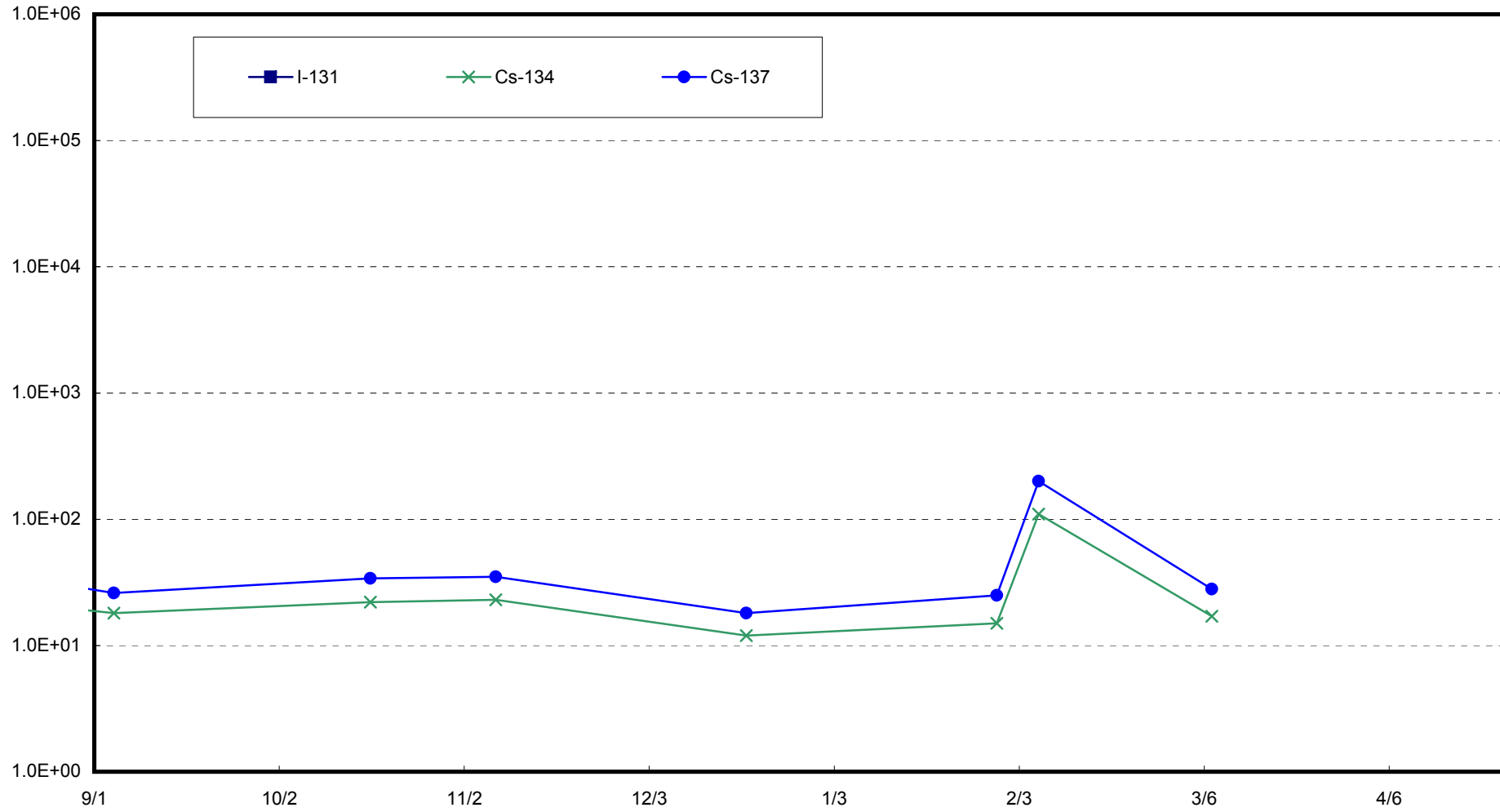
Radioactivity Density of the Marine Soil at 1km Offshore of Yamadahama, Naraha Town (T-13) (Bq/kg (dry soil))



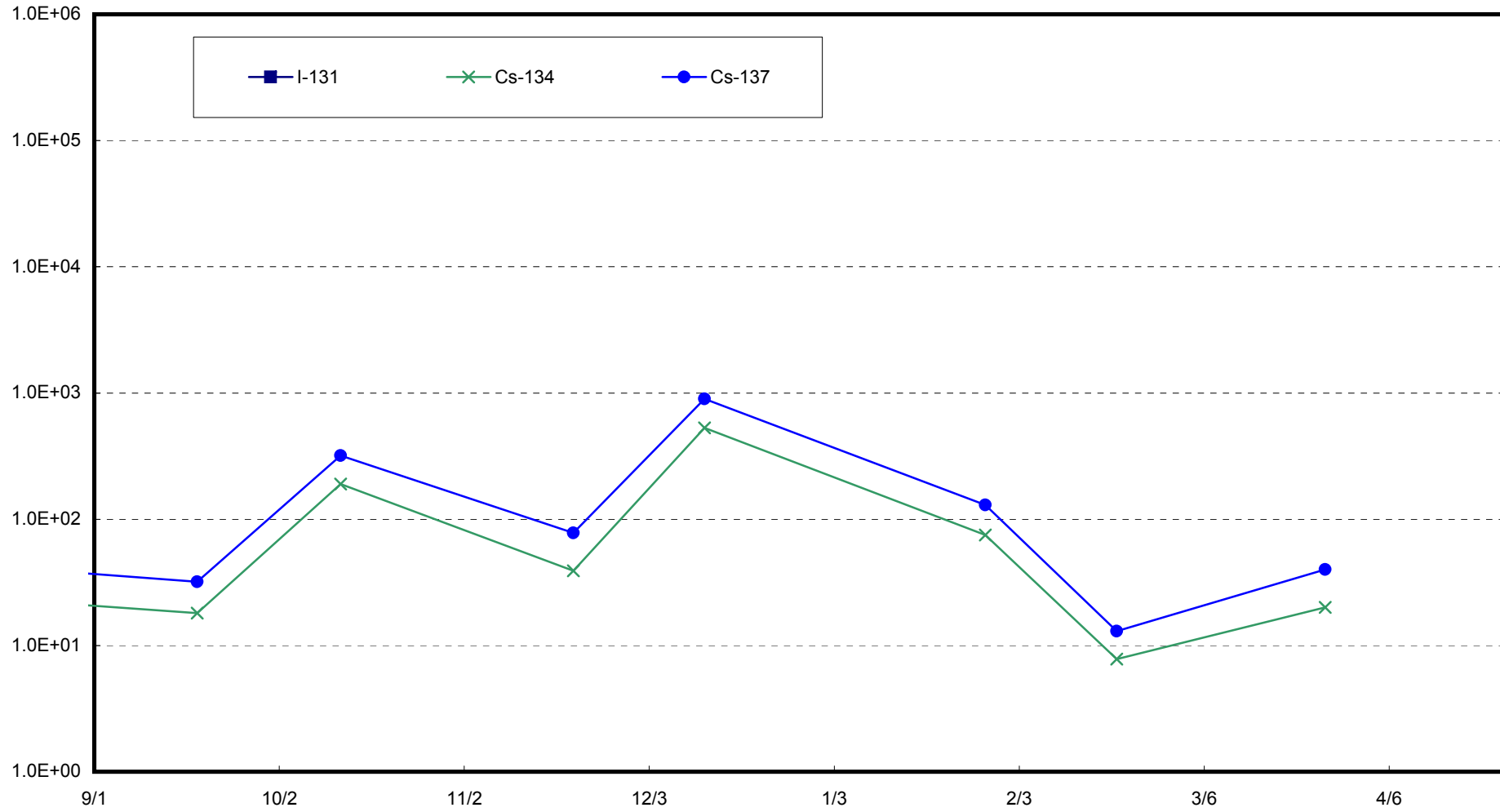
Radioactivity Density of the Marine Soil at Around 1km Offshore of Ota River (T-S1) (Bq/kg (dry soil))



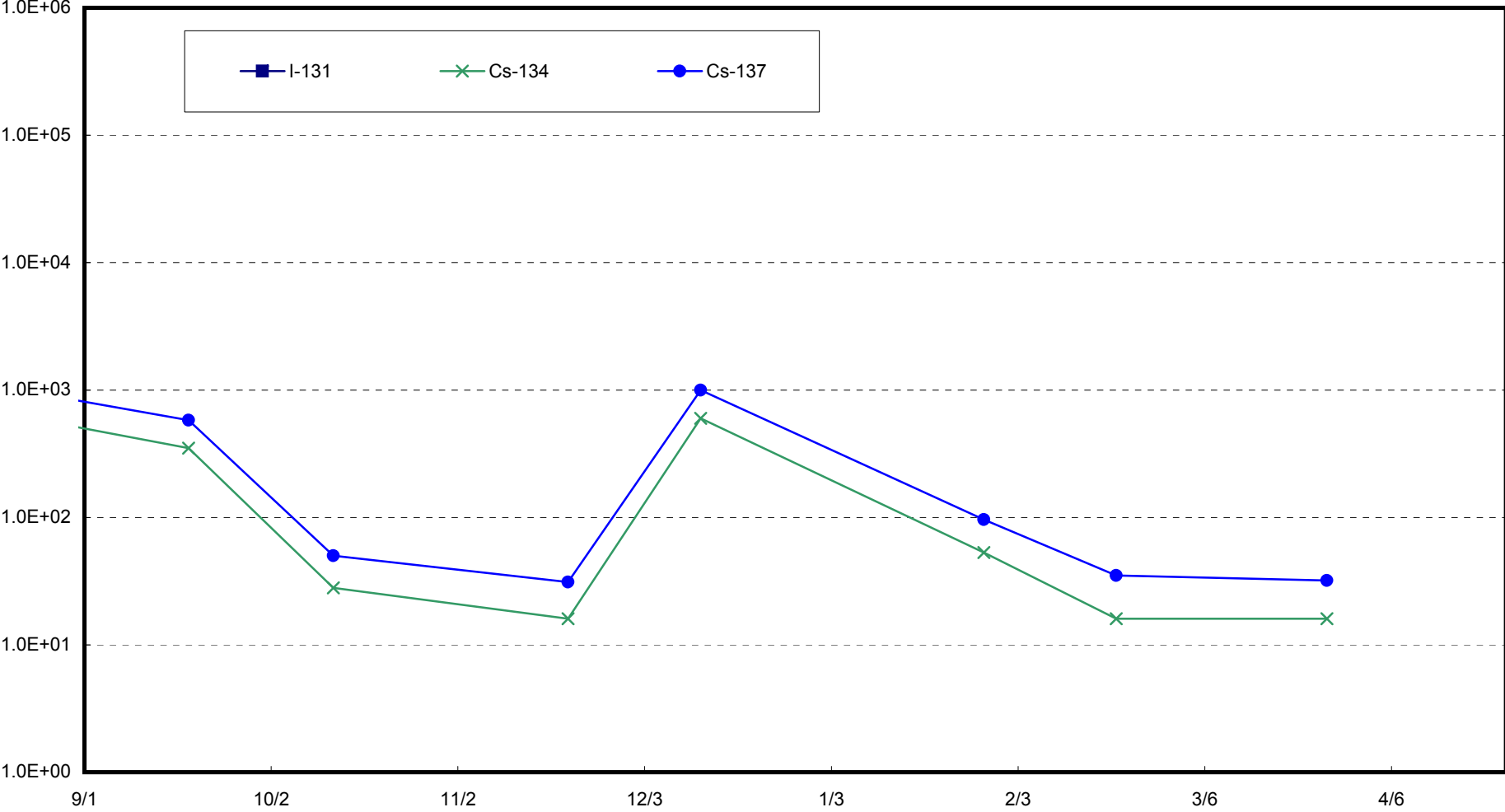
Radioactivity Density of the Marine Soil at Around 3km Offshore of Odaka Ward (T-S2) (Bq/kg (dry soil))



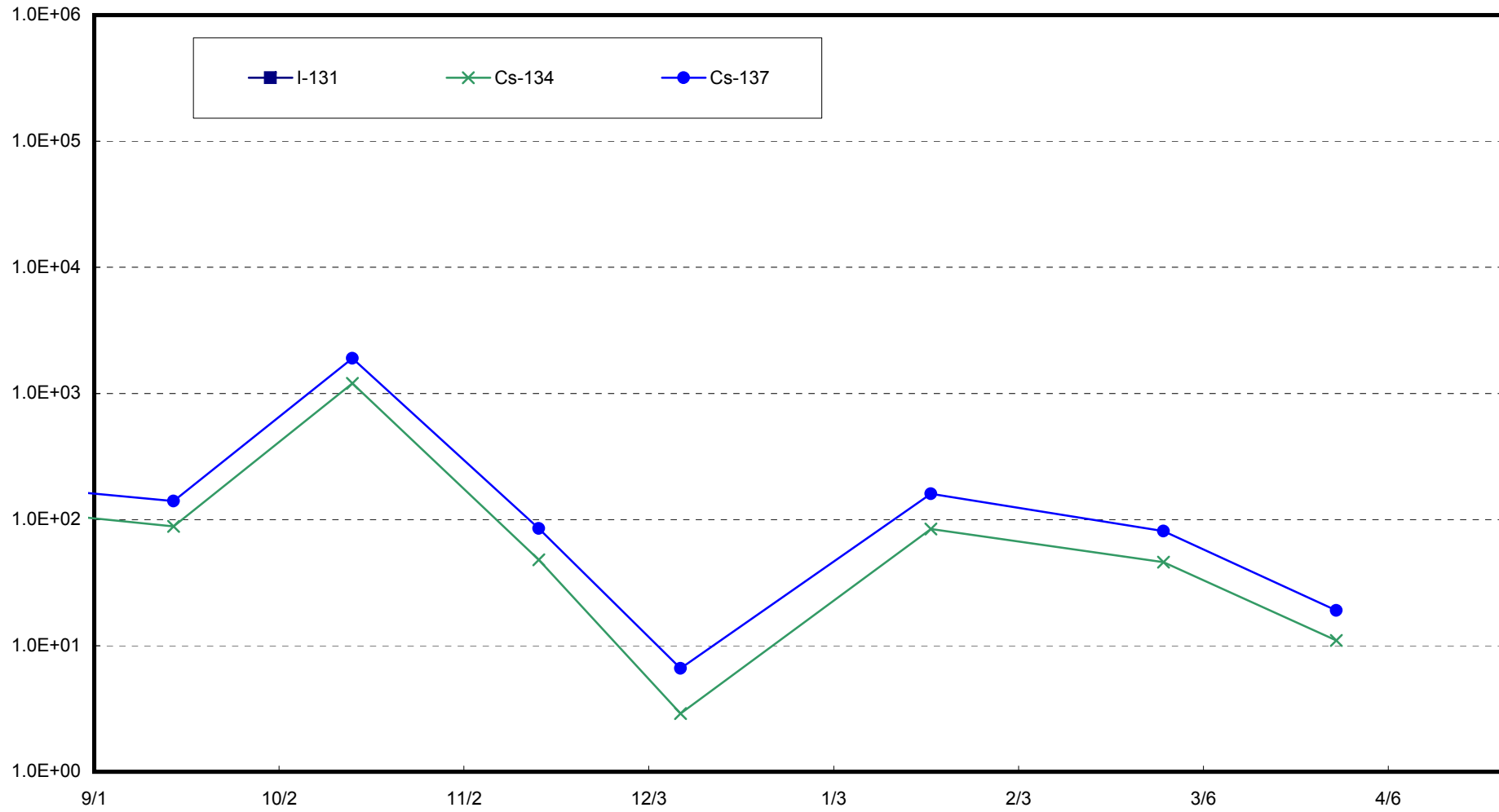
Radioactivity Density of the Marine Soil at Around 3km Offshore of Ukedo River (T-S3) (Bq/kg (dry soil))



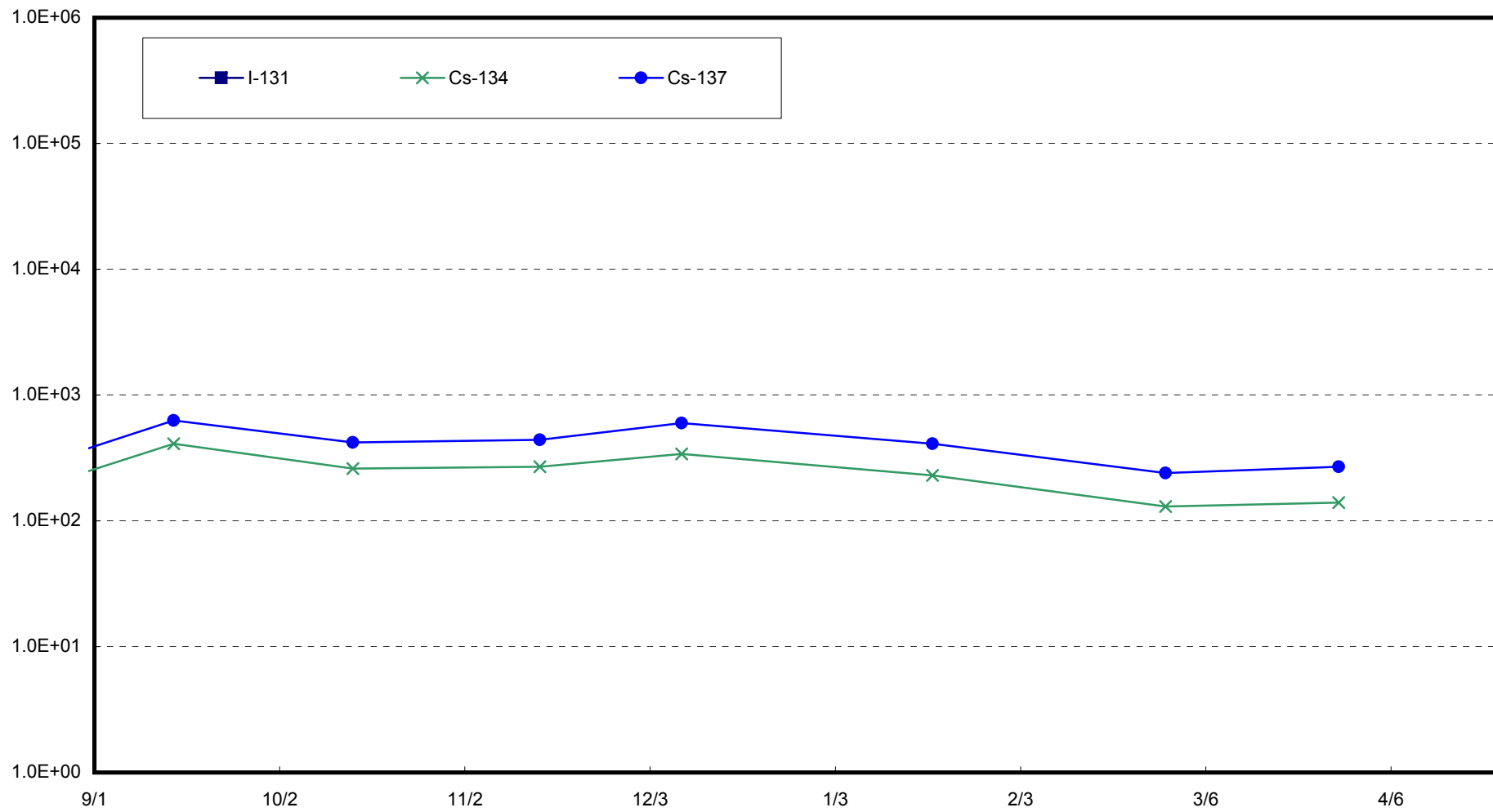
Radioactivity Density of the Marine Soil at Around 3km Offshore of 1Fr (T-S4) (Bq/kg (dry soil))



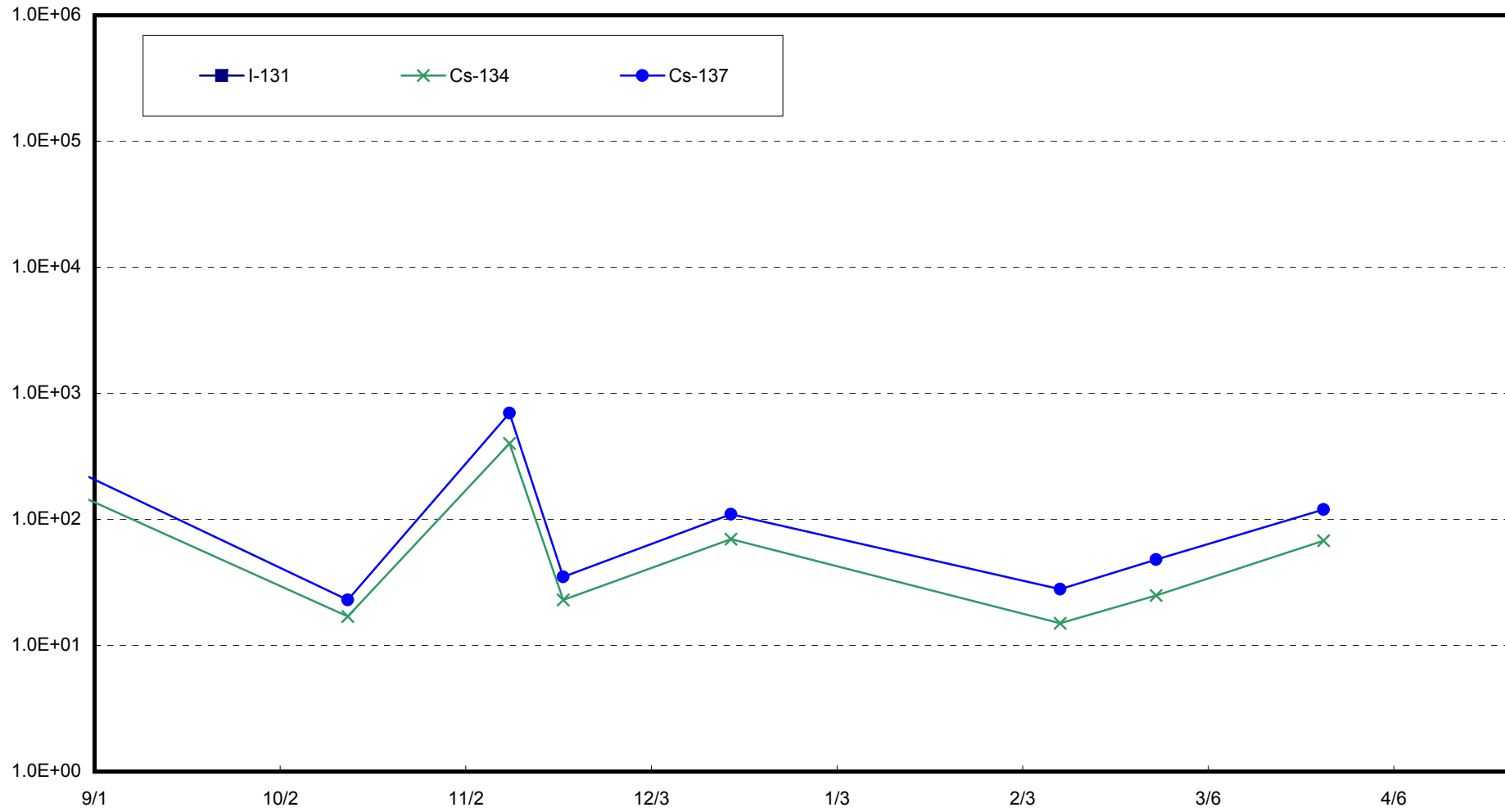
Radioactivity Density of the Marine Soil Around 2km Offshore of Kido River (T-S5) (Bq/kg (dry soil))



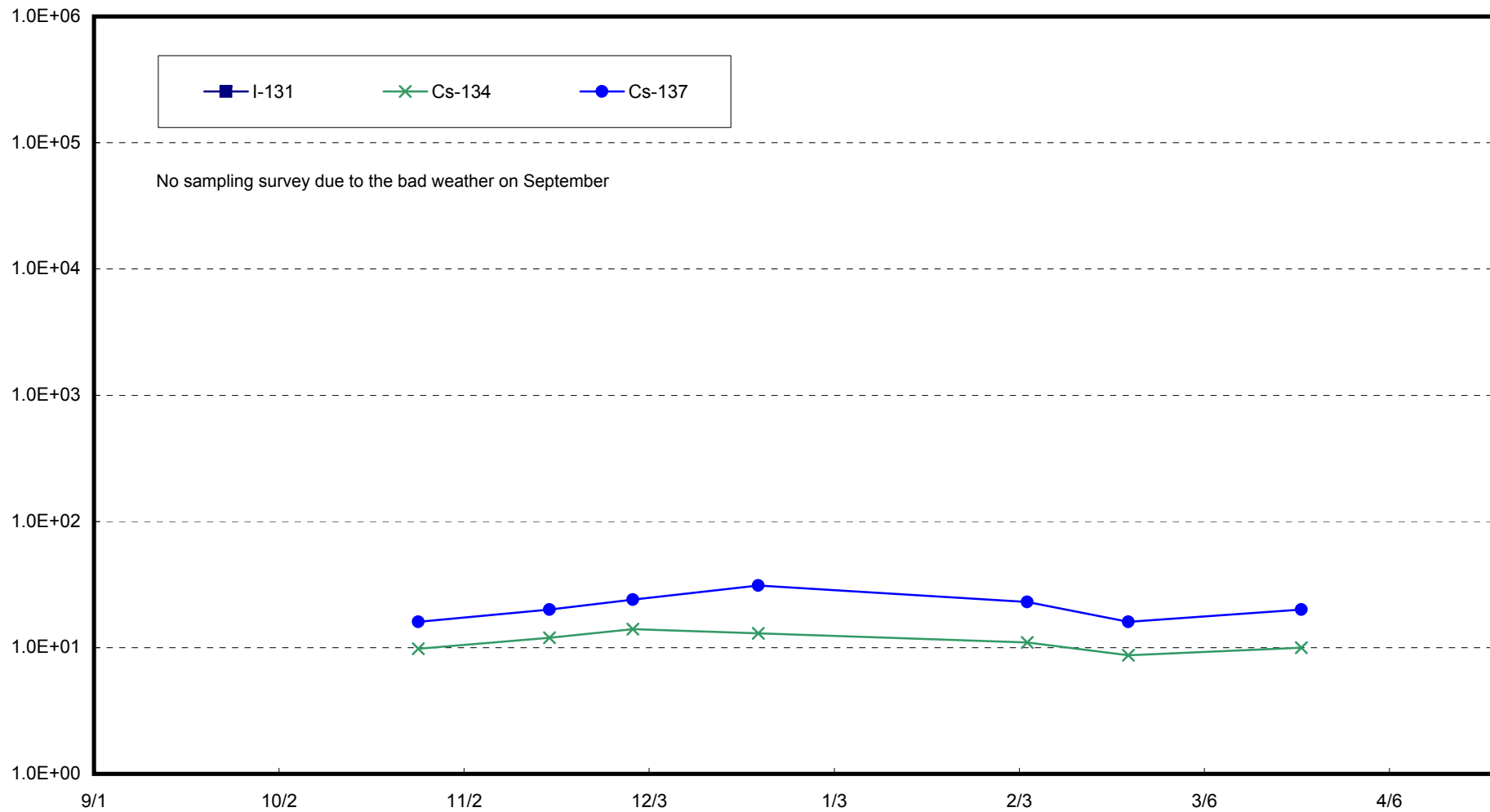
Radioactivity Density of the Marine Soil at Around 2km Offshore of 1Fr (T-S7) (Bq/kg (dry soil))



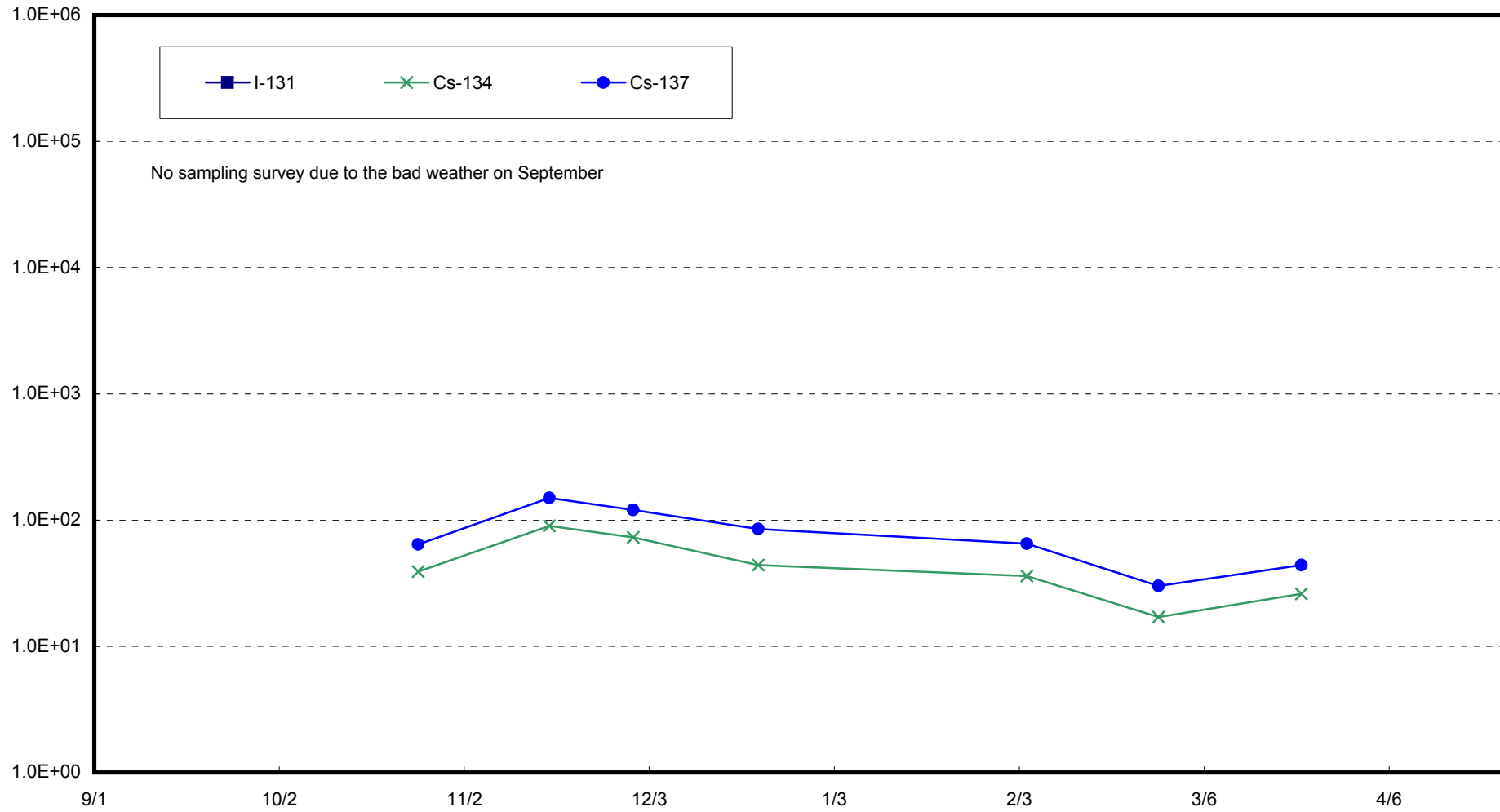
Radioactivity Density of the Marine Soil at Around 4km Offshore of Kumagawa (T-S8) (Bq/kg (dry soil))



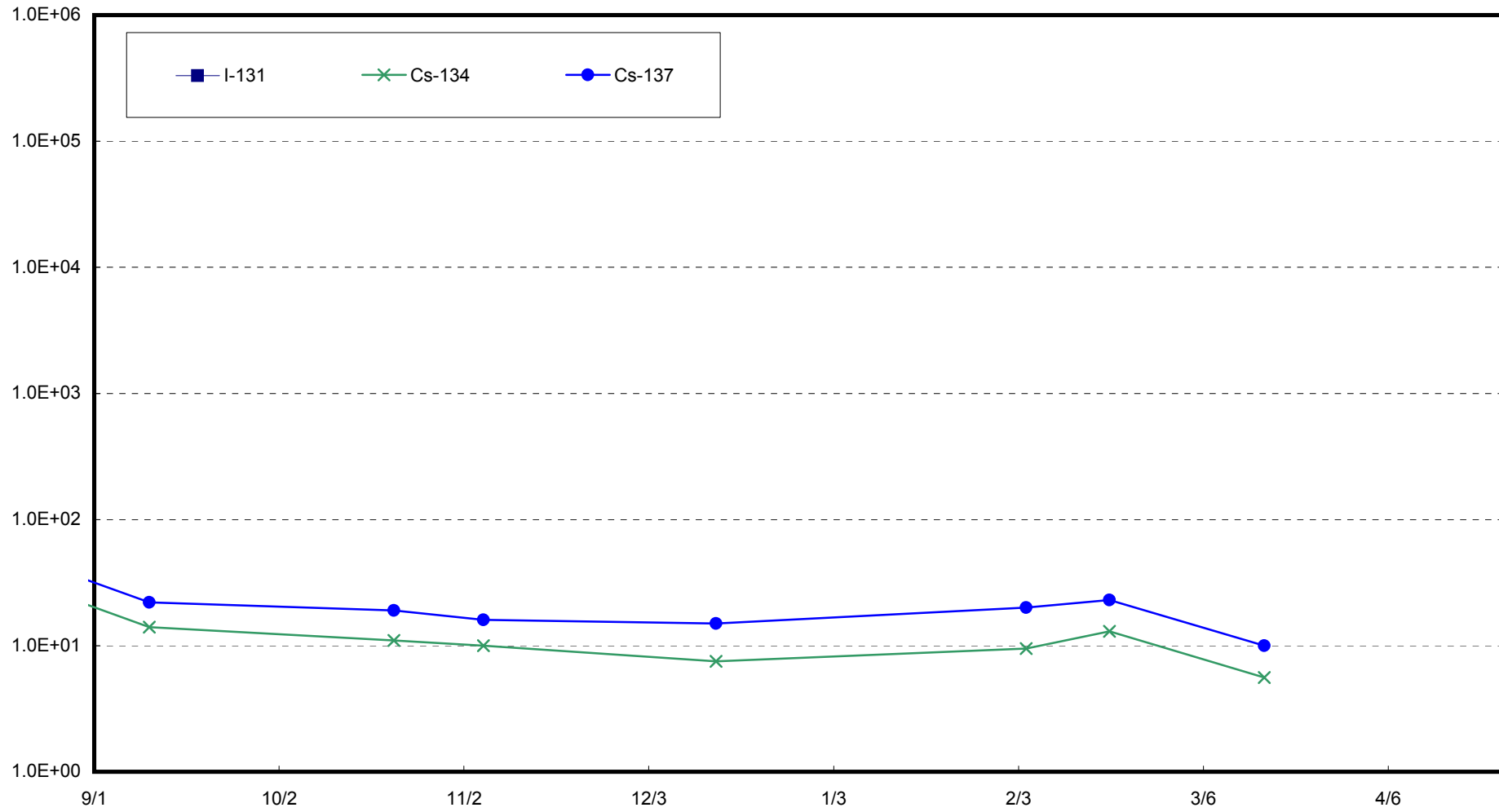
Radioactivity Density of the Marine Soil at Around 15km Offshore of Odaka Ward (T-B1) (Bq/kg (dry soil))



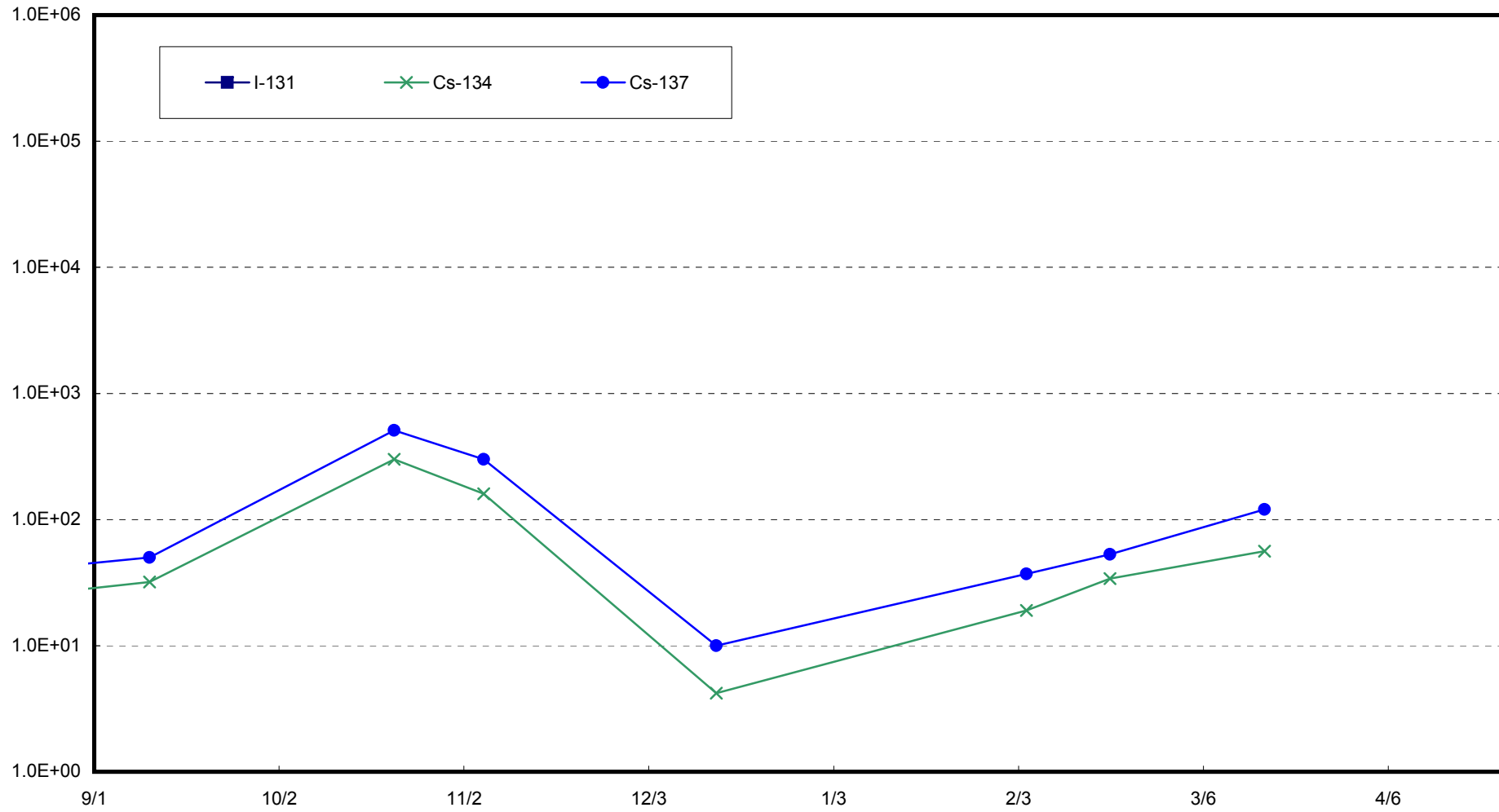
Radioactivity Density of the Marine Soil at Around 18km Offshore of Ukedo River (T-B2) (Bq/kg (dry soil))



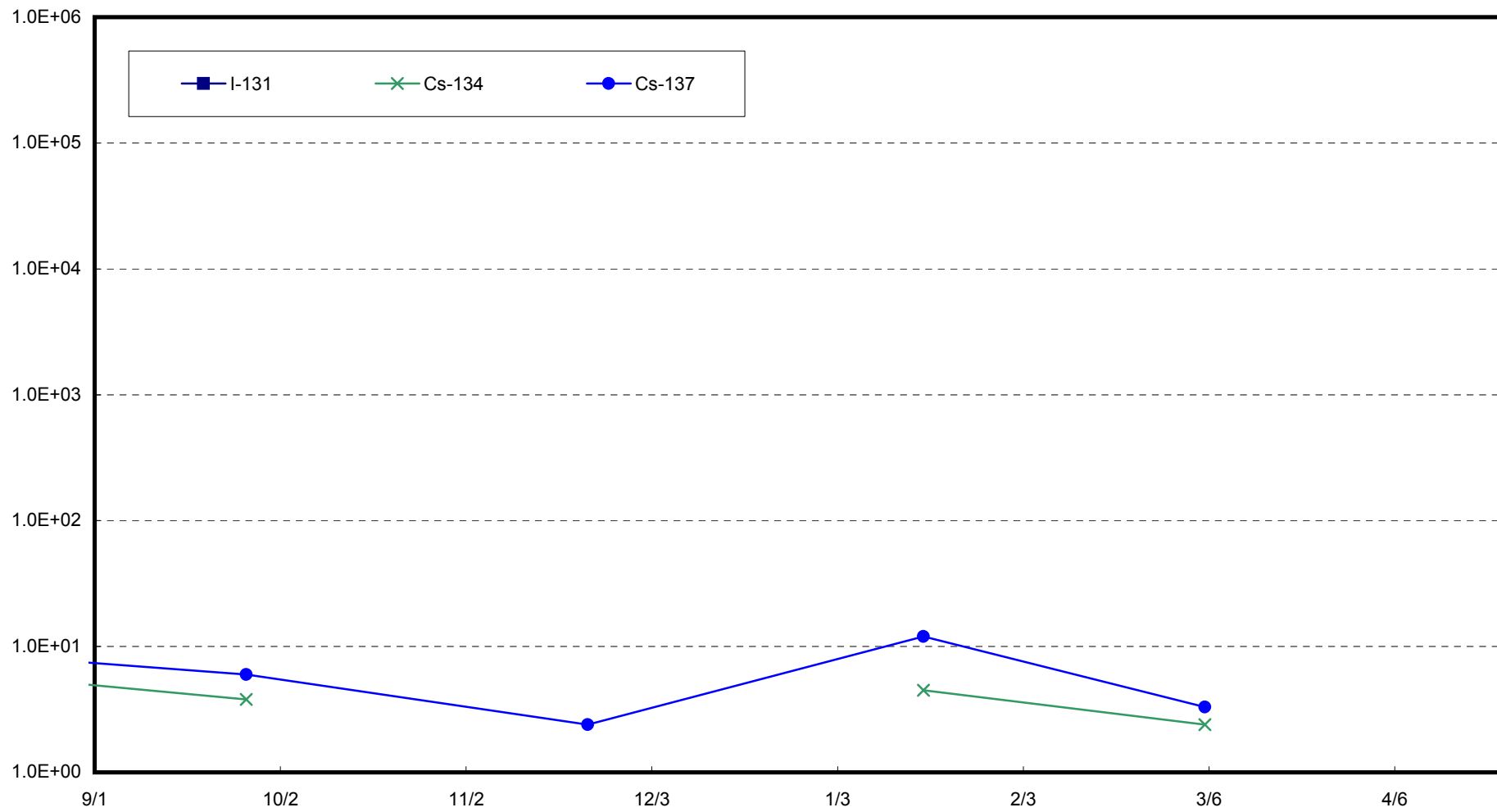
Radioactivity Density of the Marine Soil Around 10km Offshore of Fukushima Daiichi NPS (T-B3) (Bq/kg (dry soil))



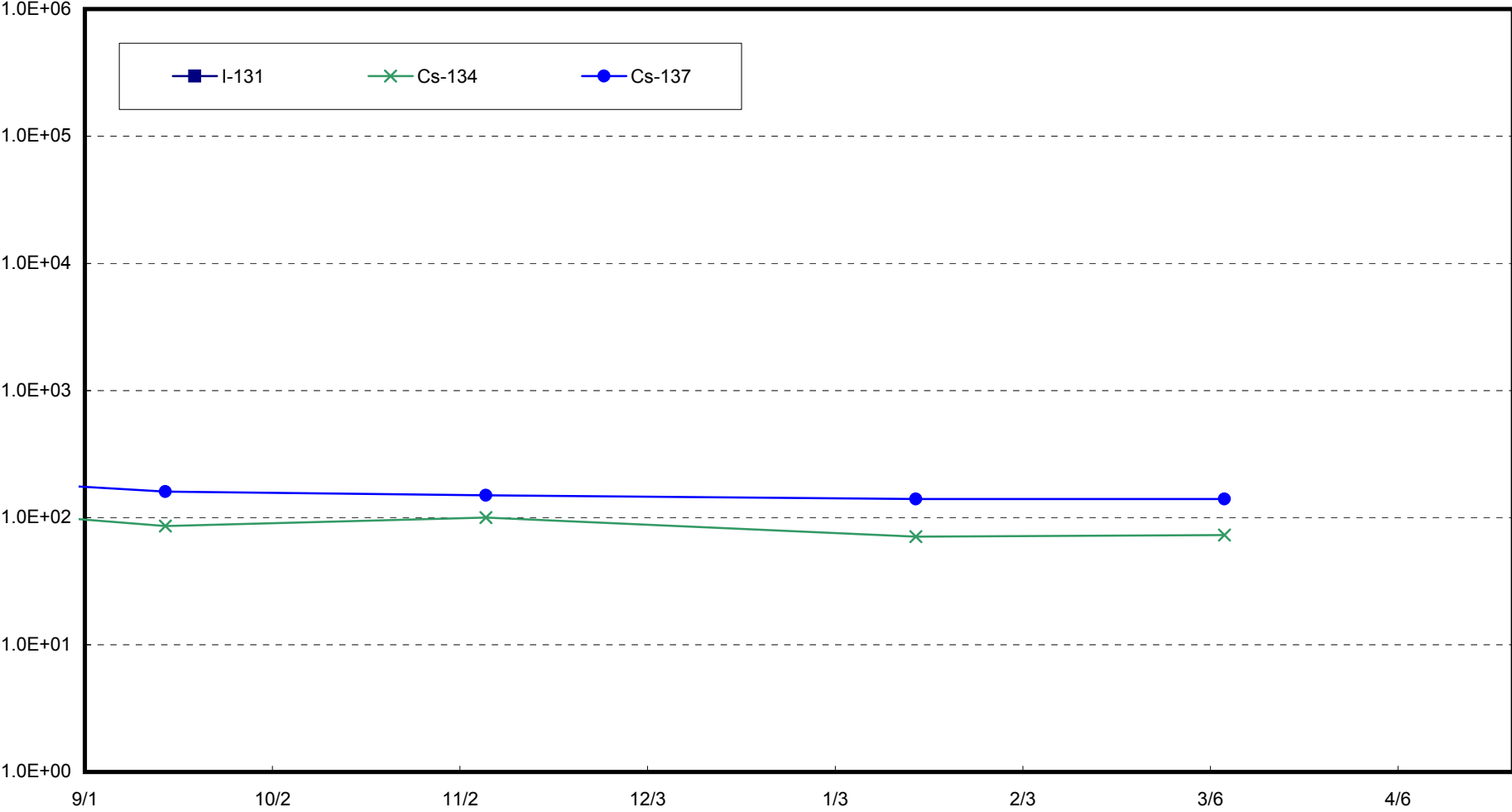
Radioactivity Density of the Marine Soil Around 10km Offshore of Fukushima Daini NPS (T-B4) (Bq/kg (dry soil))



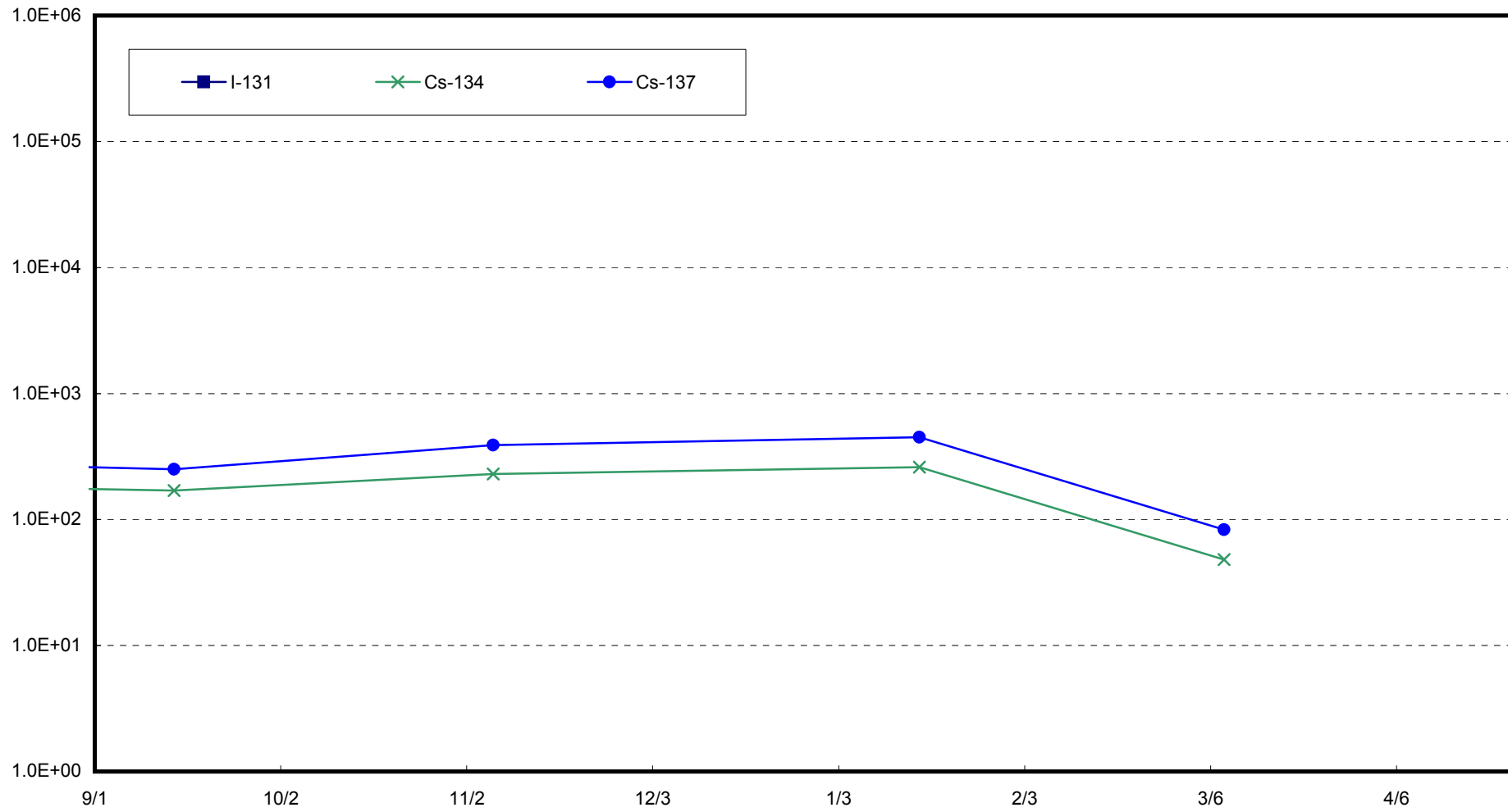
Radioactivity Density of the Marine Soil at 1km Offshore of Nida River (T-13-1) (Bq/kg (dry soil))



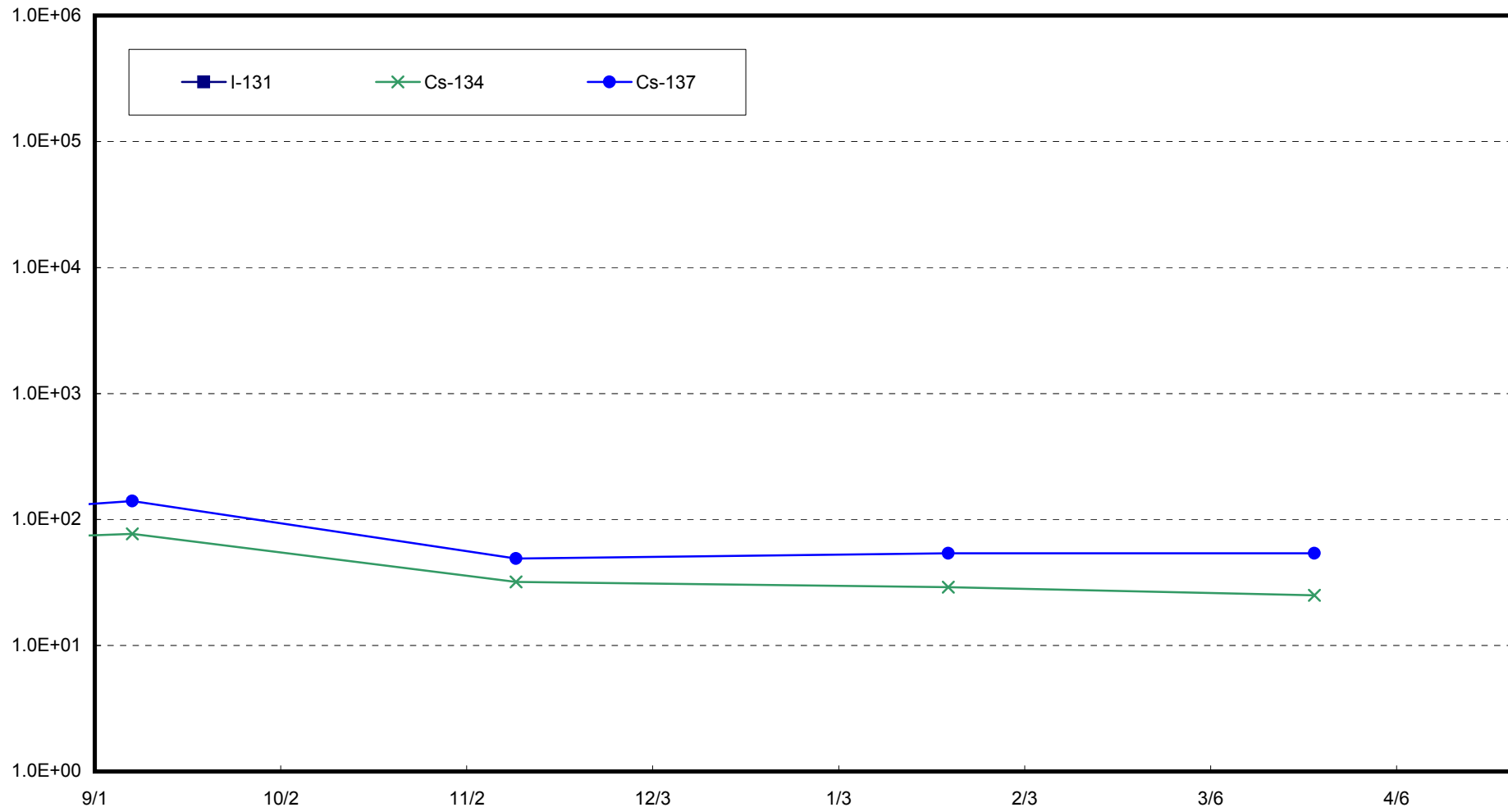
Radioactivity Density of the Marine Soil at 15km Offshore of Iwasawa Shore (T-7) (Bq/kg (dry soil))



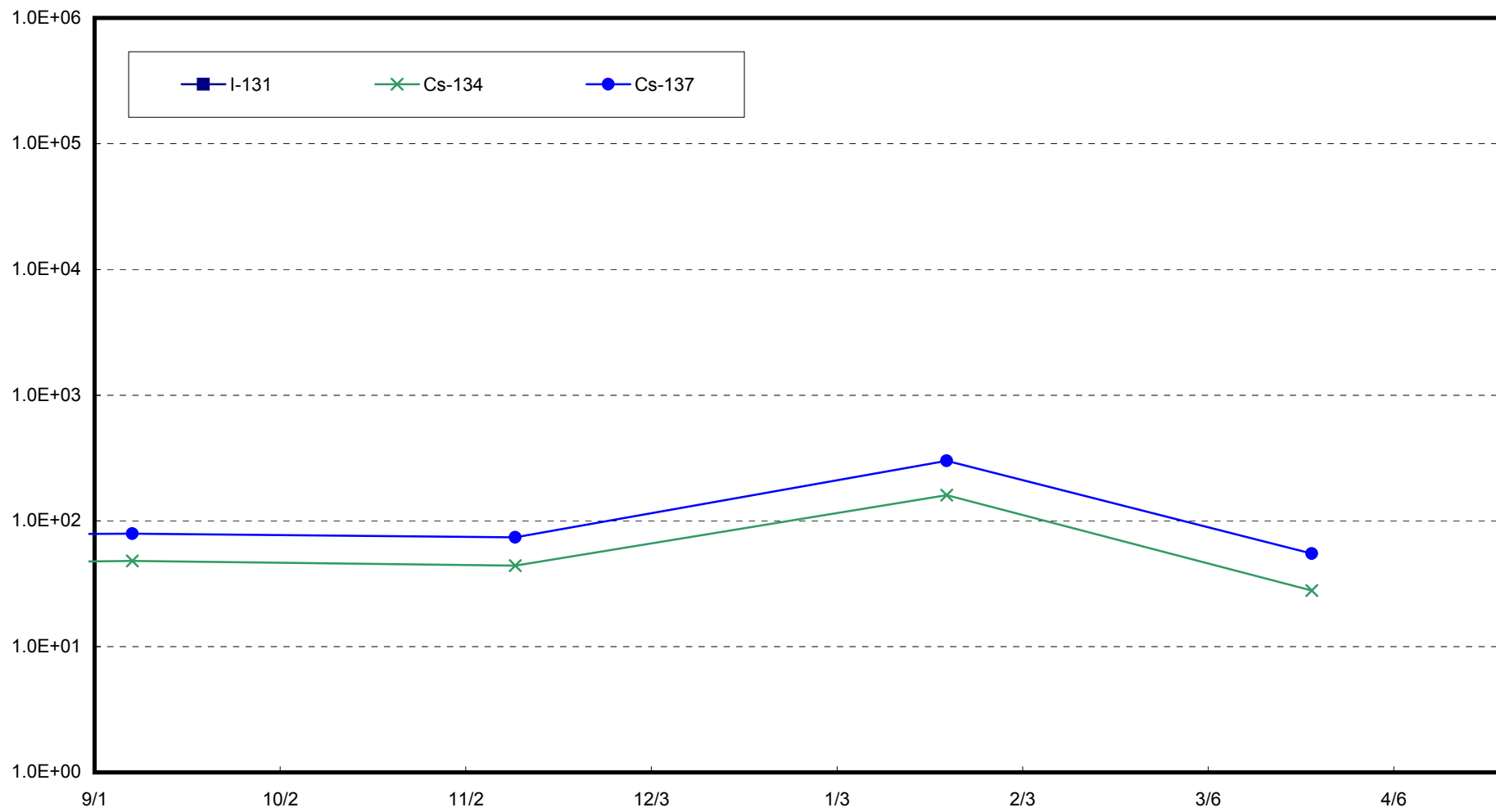
Radioactivity Density of the Marine Soil at 3km Offshore of Onahama Port (T-18) (Bq/kg (dry soil))



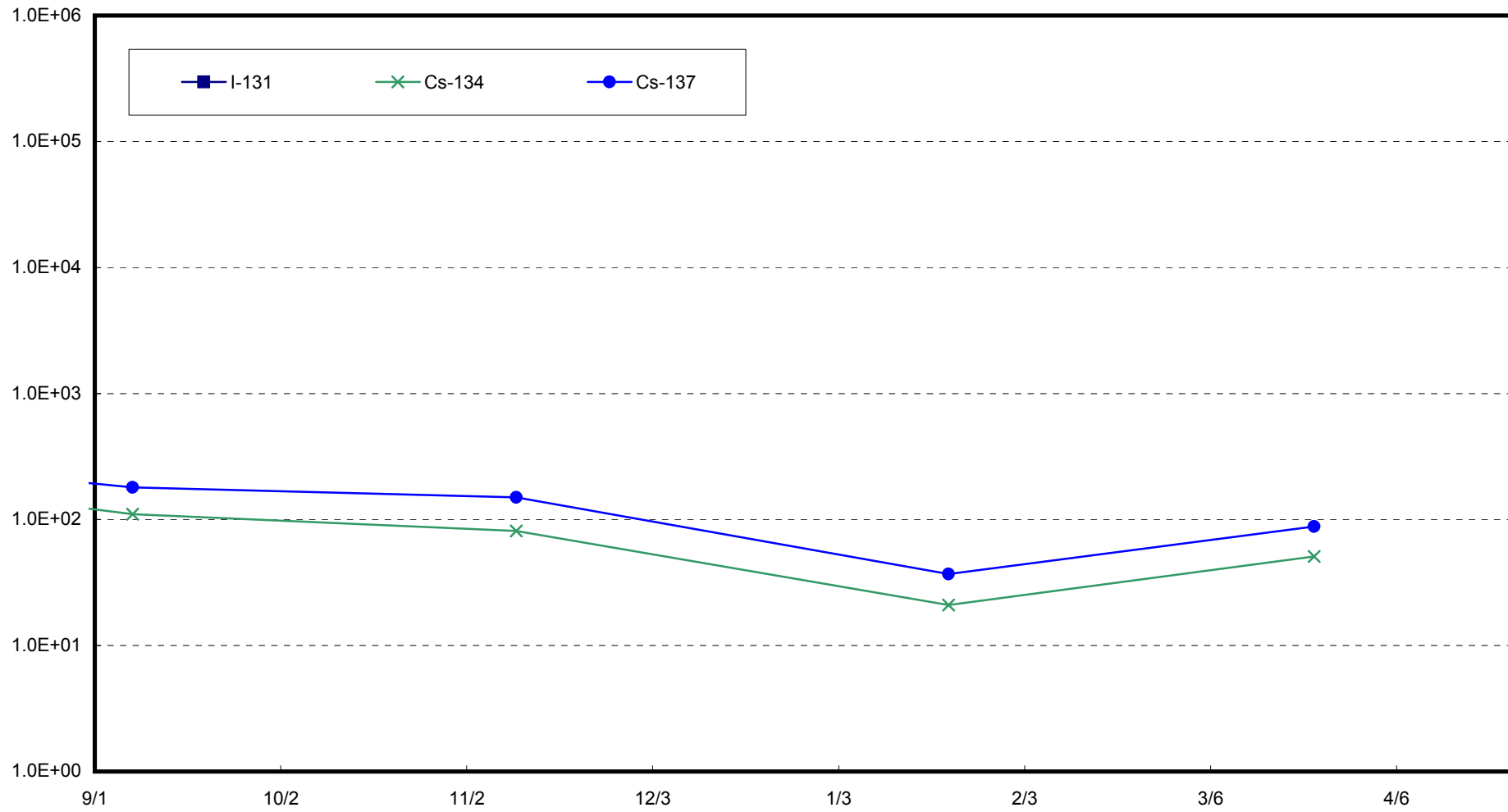
Radioactivity Density of the Marine Soil at 3km offshore of North of Iwaki City (T-12) (Bq/kg (dry soil))



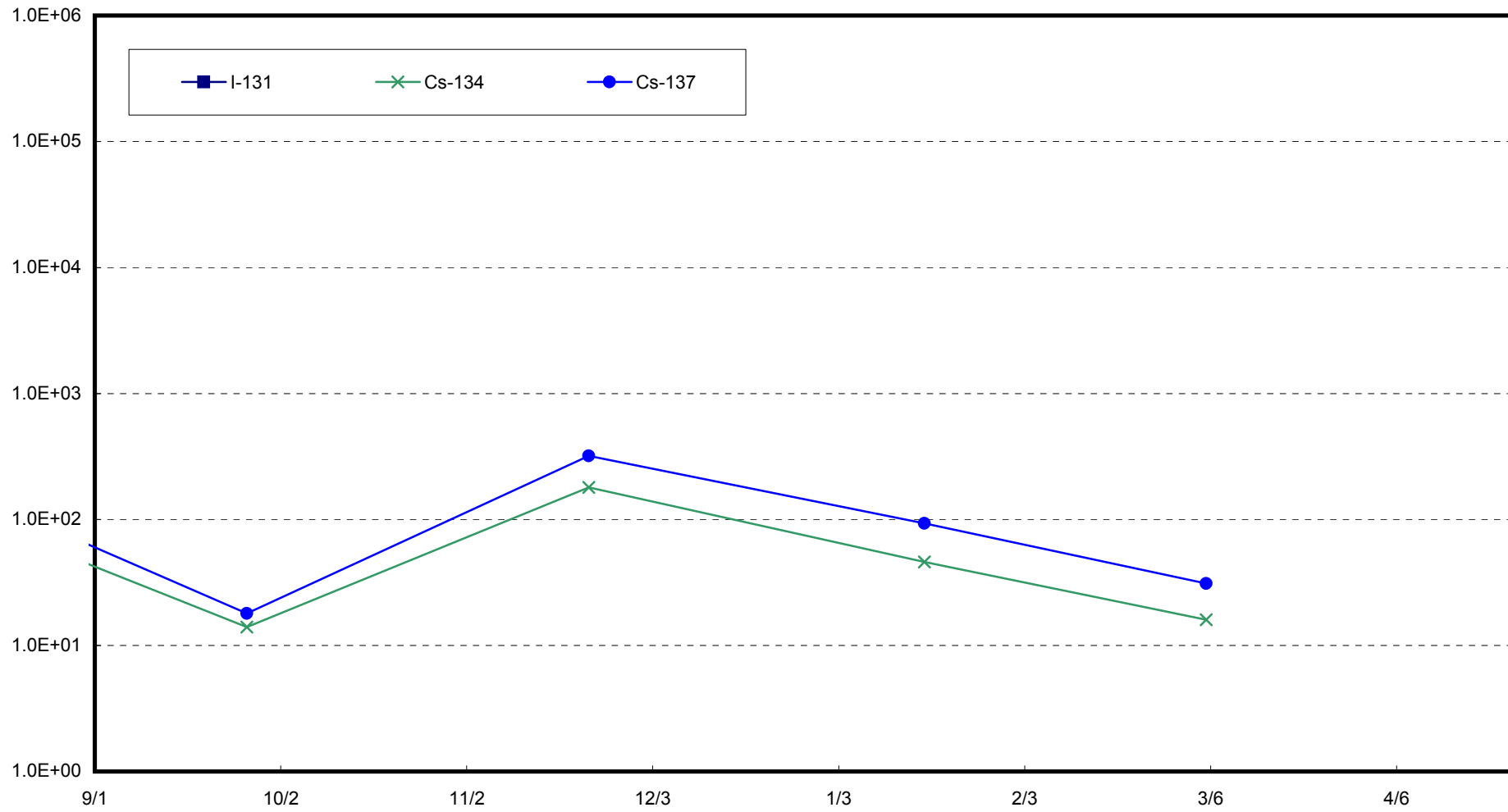
Radioactivity Density of the Marine Soil at 1km Offshore of Natsui River (T-17-1) (Bq/kg (dry soil))



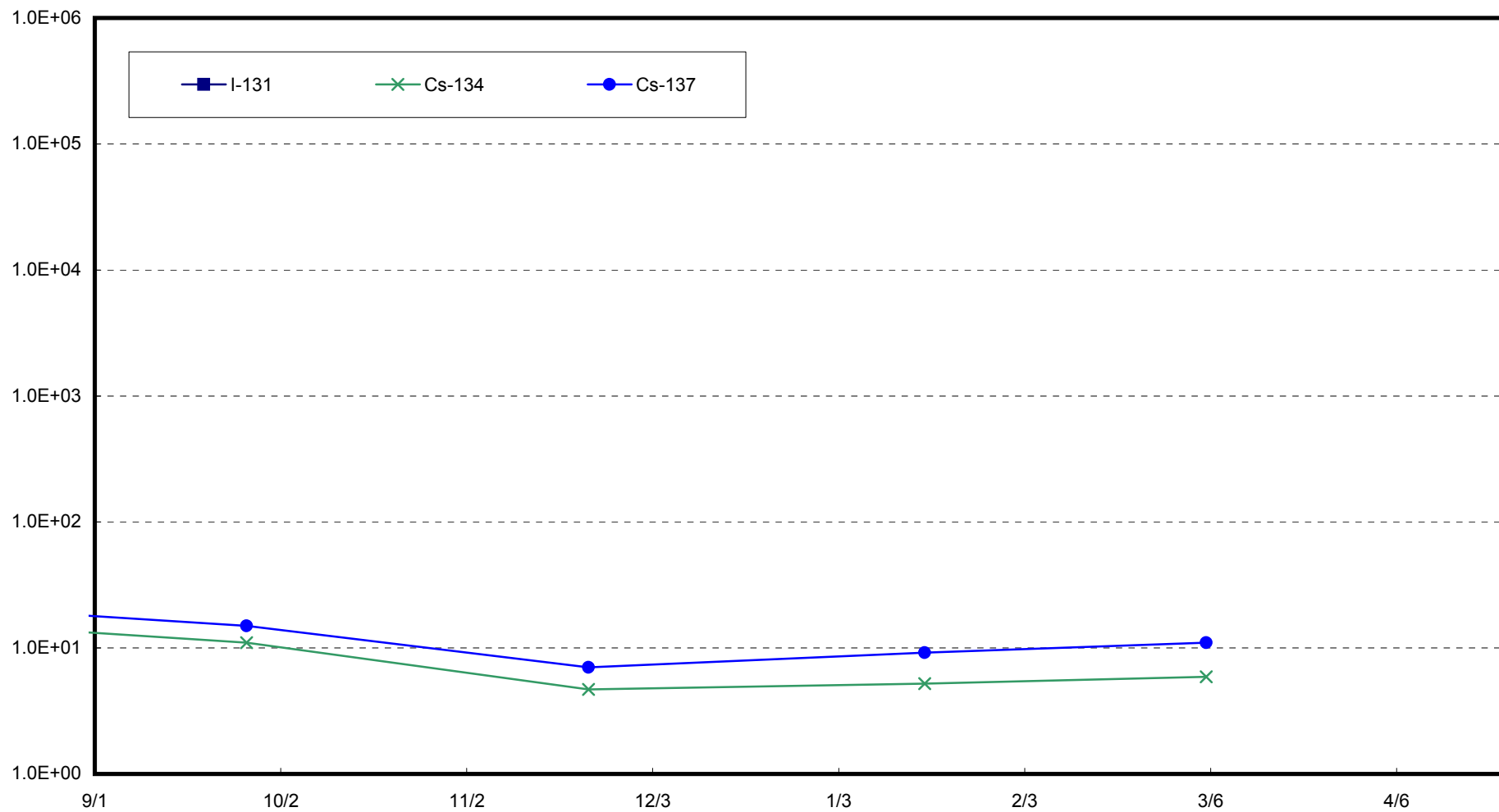
Radioactivity Density of the Marine Soil at 3km Offshore of Toyoma (T-20) (Bq/kg (dry soil))



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))

