

Summary of Marine Soil Monitoring Result : Fukushima Daiichi Nuclear Power Station (November 2012)

	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	2012/11/8 10:30 AM	76.5	ND	370	600
	T-2-1	Around South Discharge Channel of 1F **1	2012/11/26 8:10 AM	79.0	ND	230	380
	T-3	Around North Discharge Channel of 2F	2012/11/15 2:20 PM	75.5	ND	93	150
	T-4-1	Around the North Side of Asamigawa **2	2012/11/8 7:30 AM	82.3	ND	100	180
Within 20km Range of Fukushima Daiichi NPS	T-14	3km Offshore of Odaka Ward	2012/11/13 9:10 AM	77.8	ND	11	22
	T-11	3km Offshore of Iwasawa Shore	2012/11/15 10:40 AM	74.5	ND	64	120
	T-D1	3km Offshore of Ukedo River	2012/11/9 8:40 AM	82.8	ND	12	19
	T-D5	3km Offshore of 1F	2012/11/3 8:30 AM	78.8	ND	41	77
	T-D9	3km Offshore of 2F	2012/11/8 7:50 AM	77.3	ND	31	49
	T-5	15km Offshore of 1F	2012/11/4 9:30 AM	66.7	ND	210	370
	T-	1km Offshore of Murakami, Odaka Ward	2012/11/3 9:35 AM	73.7	ND	34	53
	T-	2km Offshore of Murakami, Odaka Ward	2012/11/3 9:45 AM	72.1	ND	150	250
	T-	1km Offshore of Ukedo, Namie Town	2012/11/3 9:05 AM	80.9	ND	12	19
	T-	2km Offshore of Ukedo, Namie Town	2012/11/3 8:55 AM	80.5	ND	11	14
	T-	3km Offshore of Ukedo, Namie Town	2012/11/3 8:40 AM	77.3	ND	14	26
	T-	1km Offshore of Kumagawa, Okuma Town	2012/11/5 9:15 AM	72.5	ND	140	250
	T-	2km Offshore of Kumagawa, Okuma Town	2012/11/5 9:05 AM	74.2	ND	86	160
	T-	3km Offshore of Kumagawa, Okuma Town	2012/11/5 8:45 AM	74.0	ND	150	260
	T-	5km Offshore of Kumagawa, Okuma Town	2012/11/5 8:25 AM	79.5	ND	8.1	12
	T-	10km Offshore of Kumagawa, Okuma Town	2012/11/14 8:40 AM	77.5	ND	66	110
	T-	15km Offshore of Kumagawa, Okuma Town	2012/11/14 9:00 AM	67.7	ND	43	72
	T-	20km Offshore of Kumagawa, Okuma Town	2012/11/15 8:30 AM	67.4	ND	68	110
	T-	1km Offshore of Yamadahama, Naraha Town	2012/11/14 7:50 AM	72.6	ND	290	450
	T-S1	Around 1km Offshore of Ota River	2012/11/7 6:50 AM	77.1	ND	6.6	9.5
	T-S2	Around 3km Offshore of Odaka Ward	2012/11/7 6:30 AM	78.9	ND	23	35
	T-S3	Around 3km Offshore of Ukedo River	2012/11/20 6:40 AM	76.9	ND	39	78
	T-S4	Around 3km Offshore of 1F	2012/11/20 7:05 AM	74.5	ND	16	31
	T-S5	Around 2km Offshore of Kido River	2012/11/14 1:30 PM	78.6	ND	48	85
	T-S7	Around 2km Offshore of 2F **3	2012/11/14 1:05 PM	69.8	ND	270	440
	T-S8	Around 4km Offshore of Kumagawa **4	2012/11/18 6:50 AM	76.9	ND	23	35
	T-B1	Around 15km Offshore of Odaka Ward *1	2012/11/16 7:40 AM	81.8	ND	12	20
			2012/11/30 6:30 AM	83.5	ND	14	24
	T-B2	Around 18km Offshore of Ukedo River *1	2012/11/16 6:40 AM	71.4	ND	90	150
			2012/11/30 7:04 AM	80.3	ND	73	120
	T-B3	Around 10km Offshore of 1F	2012/11/5 6:40 AM	83.5	ND	10	16
	T-B4	Around 10km Offshore of 2F	2012/11/5 7:35 AM	73.2	ND	160	300
Within 30km Range	T-13-1	1km Offshore of Nida River	2012/11/22 6:45 AM	82.3	ND	ND	2.4
	T-7	15km Offshore of Iwasawa Shore	2012/11/6 6:45 AM	72.3	ND	100	150
Out of 30km Range	T-18	3km Offshore of Onahama Port	2012/11/6 9:30 AM	69.3	ND	230	390
	T-12	3km offshore of North of Iwaki City	2012/11/10 5:30 AM	75.8	ND	32	49
	T-17-1	1km Offshore of Natsui River	2012/11/10 5:50 AM	72.0	ND	44	74
	T-20	3km Offshore of Toyoma	2012/11/10 6:30 AM	73.7	ND	81	150
	T-22	3km Offshore of Soma	2012/11/22 8:05 AM	55.4	ND	180	320
	T-MA	5km Offshore of Kashima	2012/11/22 7:25 AM	80.2	ND	4.7	7.0
T-M10	5km Offshore of Numanouchi	2012/11/6 8:35 AM	74.2	ND	34	53	

* Data of other nuclides is under evaluation.

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

(I-131: Approx. 48Bq/kg Dry Soil, C-134: Approx. 2Bq/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.

*1 Including for September in which was not sampled.

Summary of Marine Soil Monitoring Result : Fukushima Daiichi Nuclear Power Station (December 2012)

	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	2012/12/4 11:30 AM	80.2	ND	270	450
	T-2-1	Around South Discharge Channel of 1F **1	2012/12/4 12:55 PM	80.5	ND	160	300
	T-3	Around North Discharge Channel of 2F	2012/12/20 3:30 PM	73.4	ND	150	250
	T-4-1	Around the North Side of Asamigawa **2	2012/12/4 7:30 AM	89.0	ND	74	120
Within 20km Range of Fukushima Daiichi NPS	T-14	3km Offshore of Odaka Ward	2012/12/11 9:14 AM	80.4	ND	7.0	12
	T-11	3km Offshore of Iwasawa Shore	2012/12/13 10:24 AM	78.0	ND	54	87
	T-D1	3km Offshore of Ukedo River	2012/12/5 9:28 AM	68.3	ND	130	220
	T-D5	3km Offshore of 1F	2012/12/5 10:02 AM	79.0	ND	23	38
	T-D9	3km Offshore of 2F	2012/12/7 8:29 AM	76.7	ND	37	60
	T-5	15km Offshore of 1F	2012/12/7 9:22 AM	76.0	ND	51	79
	T-	1km Offshore of Murakami, Odaka Ward	2012/12/19 10:27 AM	75.6	ND	17	29
	T-	2km Offshore of Murakami, Odaka Ward	2012/12/19 10:03 AM	77.9	ND	11	18
	T-	1km Offshore of Ukedo, Namie Town	2012/12/19 9:22 AM	48.6	ND	800	1,400
	T-	2km Offshore of Ukedo, Namie Town	2012/12/19 9:43 AM	48.5	ND	870	1,500
	T-	3km Offshore of Ukedo, Namie Town	2012/12/19 8:55 AM	48.8	ND	820	1,500
	T-	1km Offshore of Kumagawa, Okuma Town	2012/12/14 9:44 AM	74.8	ND	37	75
	T-	2km Offshore of Kumagawa, Okuma Town	2012/12/14 9:31 AM	77.9	ND	26	41
	T-	3km Offshore of Kumagawa, Okuma Town	2012/12/14 9:02 AM	79.0	ND	7.1	15
	T-	5km Offshore of Kumagawa, Okuma Town	2012/12/14 8:46 AM	77.7	ND	11	14
	T-	10km Offshore of Kumagawa, Okuma Town	2012/12/21 9:03 AM	78.1	ND	15	23
	T-	15km Offshore of Kumagawa, Okuma Town	2012/12/21 8:44 AM	72.4	ND	84	150
	T-	20km Offshore of Kumagawa, Okuma Town	2012/12/21 8:24 AM	68.7	ND	73	120
	T-	1km Offshore of Yamadahama, Naraha Town	2012/12/21 9:46 AM	70.6	ND	130	230
	T-S1	Around 1km Offshore of Ota River	2012/12/19 6:20 AM	76.3	ND	11	18
	T-S2	Around 3km Offshore of Odaka Ward	2012/12/19 6:50 AM	83.4	ND	12	18
	T-S3	Around 3km Offshore of Ukedo River	2012/12/12 6:35 AM	64.6	ND	530	900
	T-S4	Around 3km Offshore of 1F	2012/12/12 7:05 AM	76.6	ND	600	1,000
	T-S5	Around 2km Offshore of Kido River	2012/12/8 7:20 AM	83.9	ND	2.9	6.6
	T-S7	Around 2km Offshore of 2F **3	2012/12/8 6:55 AM	70.3	ND	340	600
	T-S8	Around 4km Offshore of Kumagawa **4	2012/12/16 7:10 AM	74.8	ND	70	110
	T-B1	Around 15km Offshore of Odaka Ward	2012/12/21 7:12 AM	84.2	ND	13	31
	T-B2	Around 18km Offshore of Ukedo River	2012/12/21 6:35 AM	82.4	ND	44	85
	T-B3	Around 10km Offshore of 1F	2012/12/14 6:25 AM	84.0	ND	7.5	15
	T-B4	Around 10km Offshore of 2F	2012/12/14 7:45 AM	81.8	ND	4.2	10

* Data of other nuclides is under evaluation.

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

(I-131: Approx. 650Bq/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.

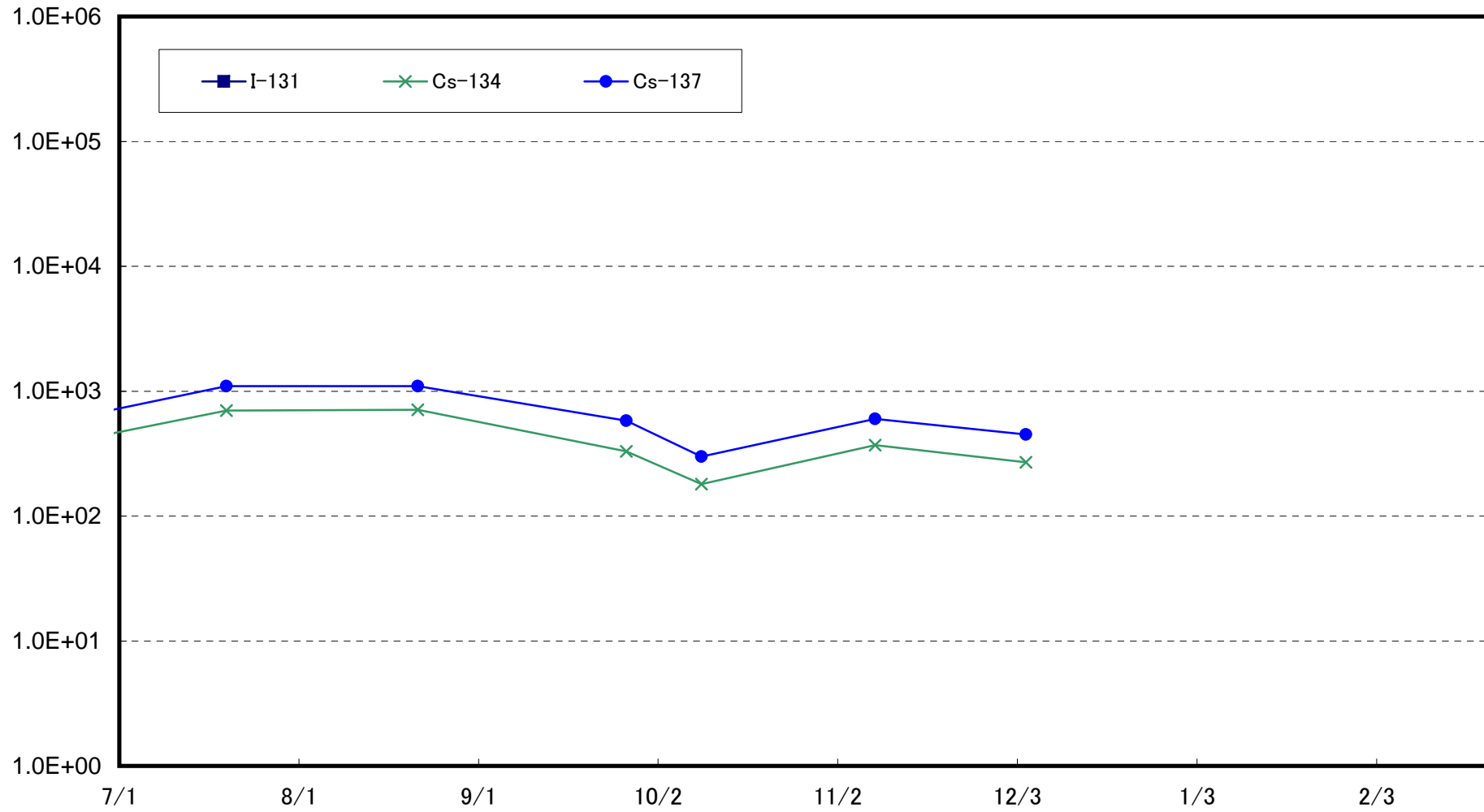
**1 Place of Sampling was changed from "T-2" to "T-2-1" from November.

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

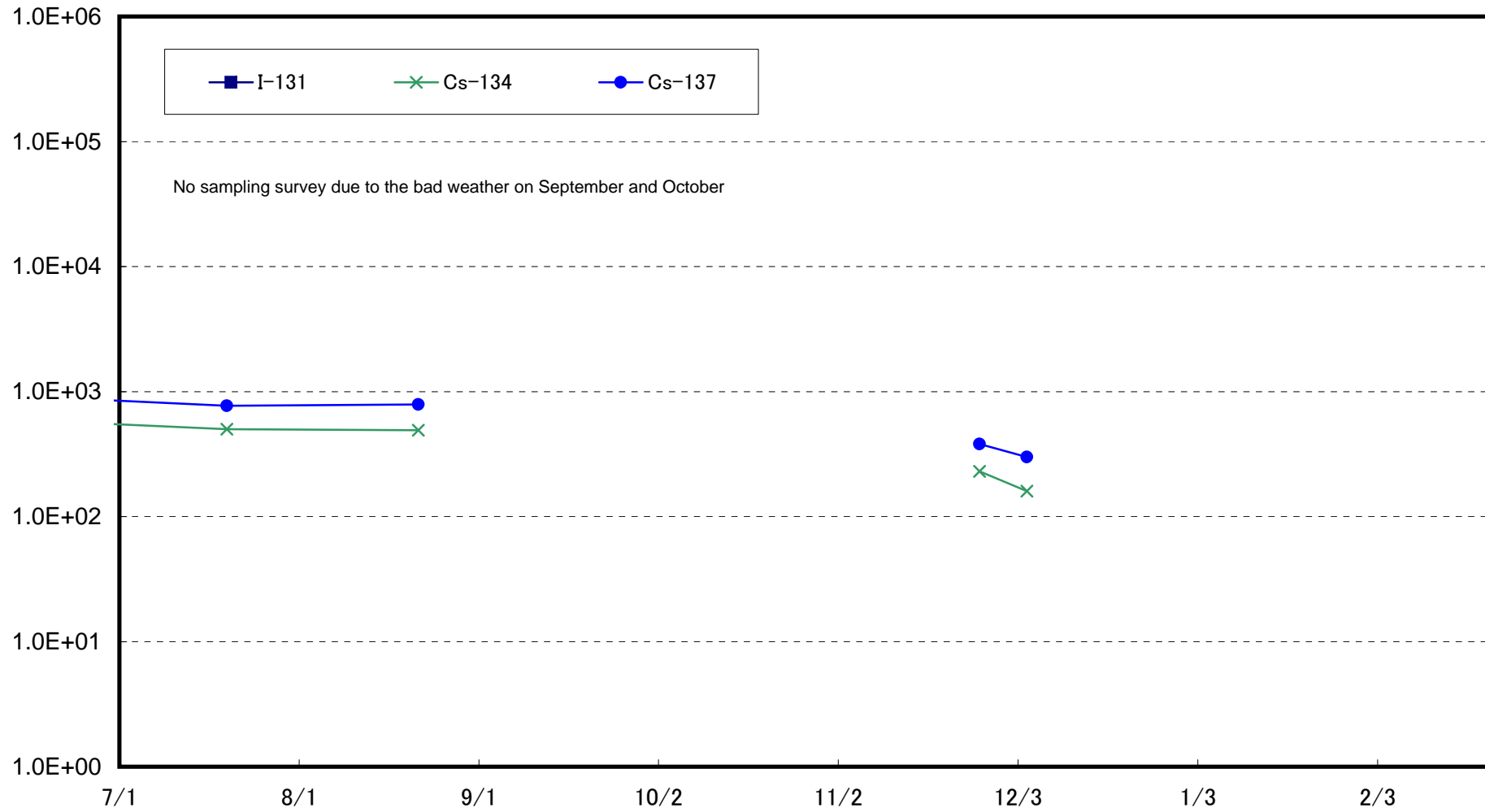
**3 "T-S7" is added from May 2012.

**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)

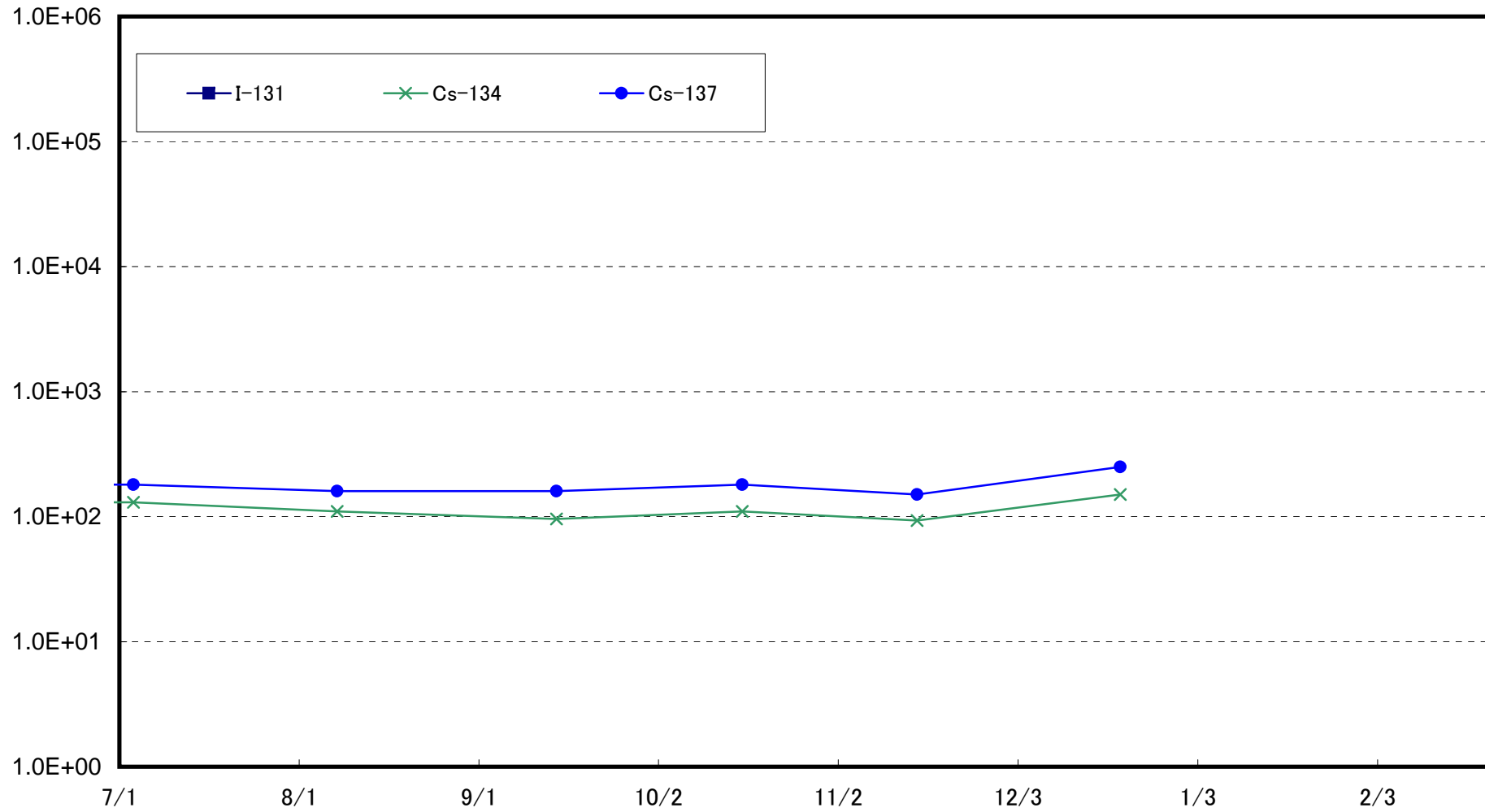


Radioactivity Density of the Marine Soil at South Discharge Channel of Fukushima Daiichi NPS
(T-2-1) (Bq/kg, dry soil)

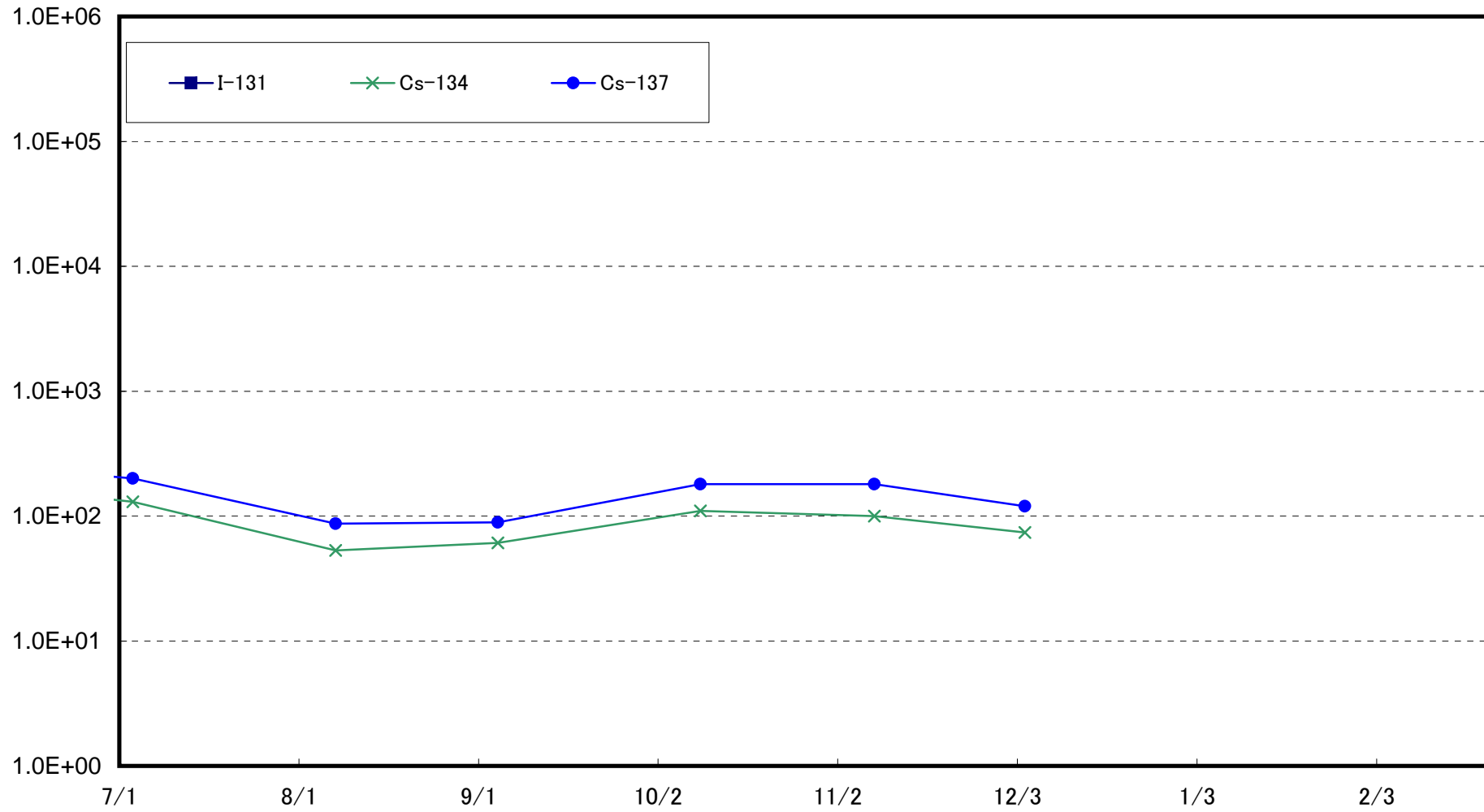


Sampling was conducted at around South Discharge Channel of Fukushima Daiichi NPS (approx. 330m south of Units 1-4 Discharge Channel) until November 25, 2012.

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

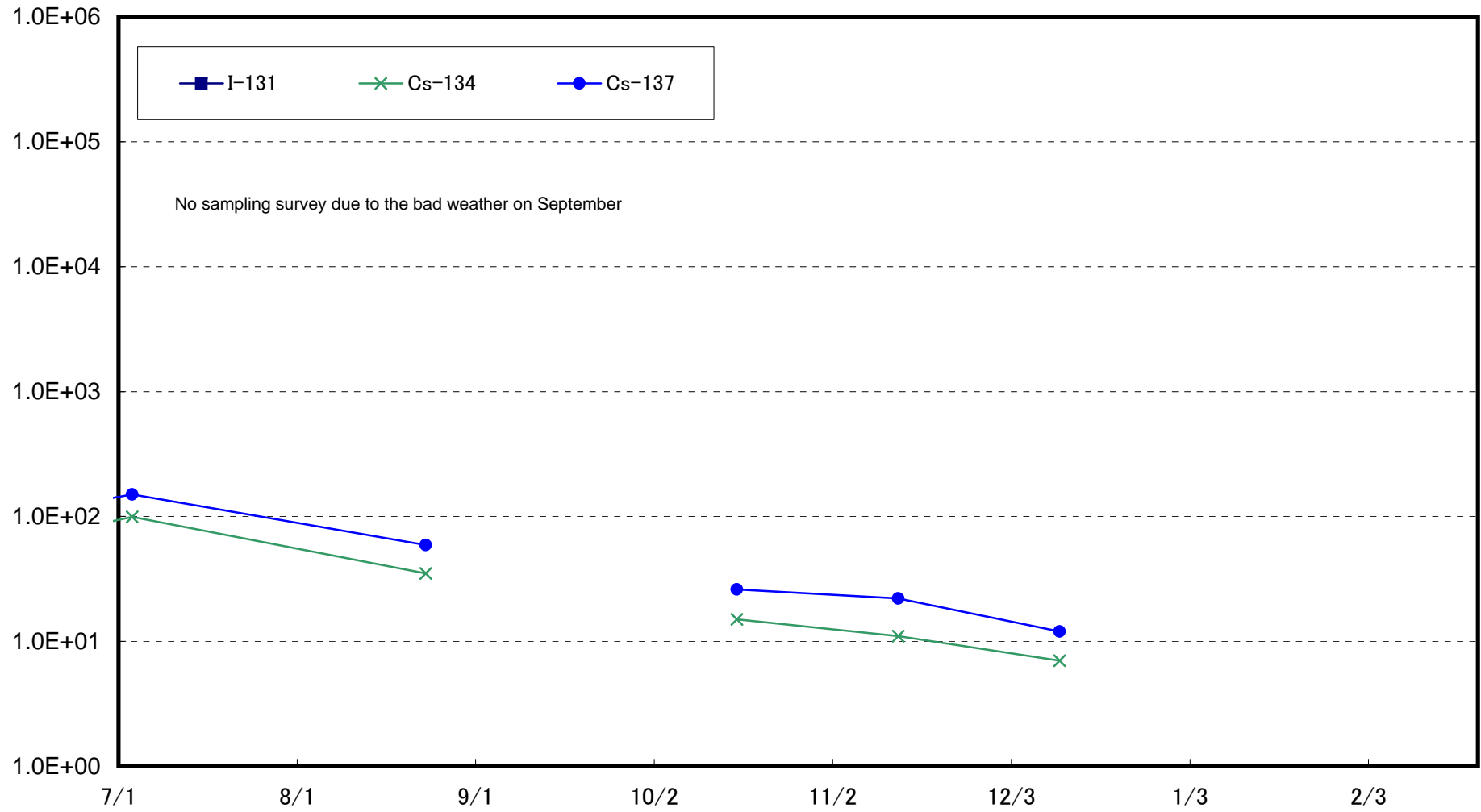


Radioactivity Density of the Marine Soil around the North Side of Asamigawa
(T-4-1) (Bq/kg, dry soil)

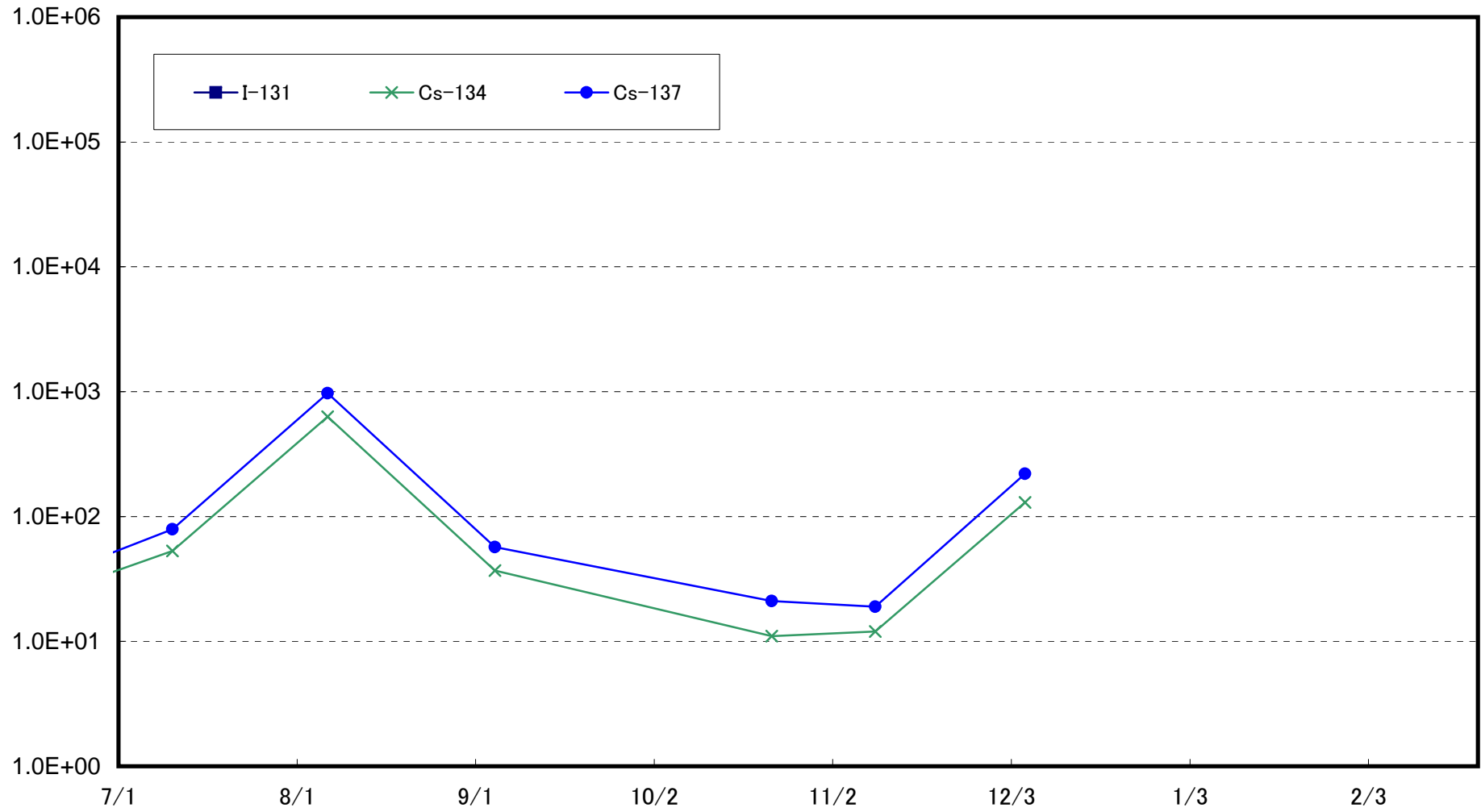


Sampling was conducted at around Iwasawa Shore of Fukushima Daini NPS (approx. 7km south of Units 1-2 Discharge Channel) until September 26, 2012.

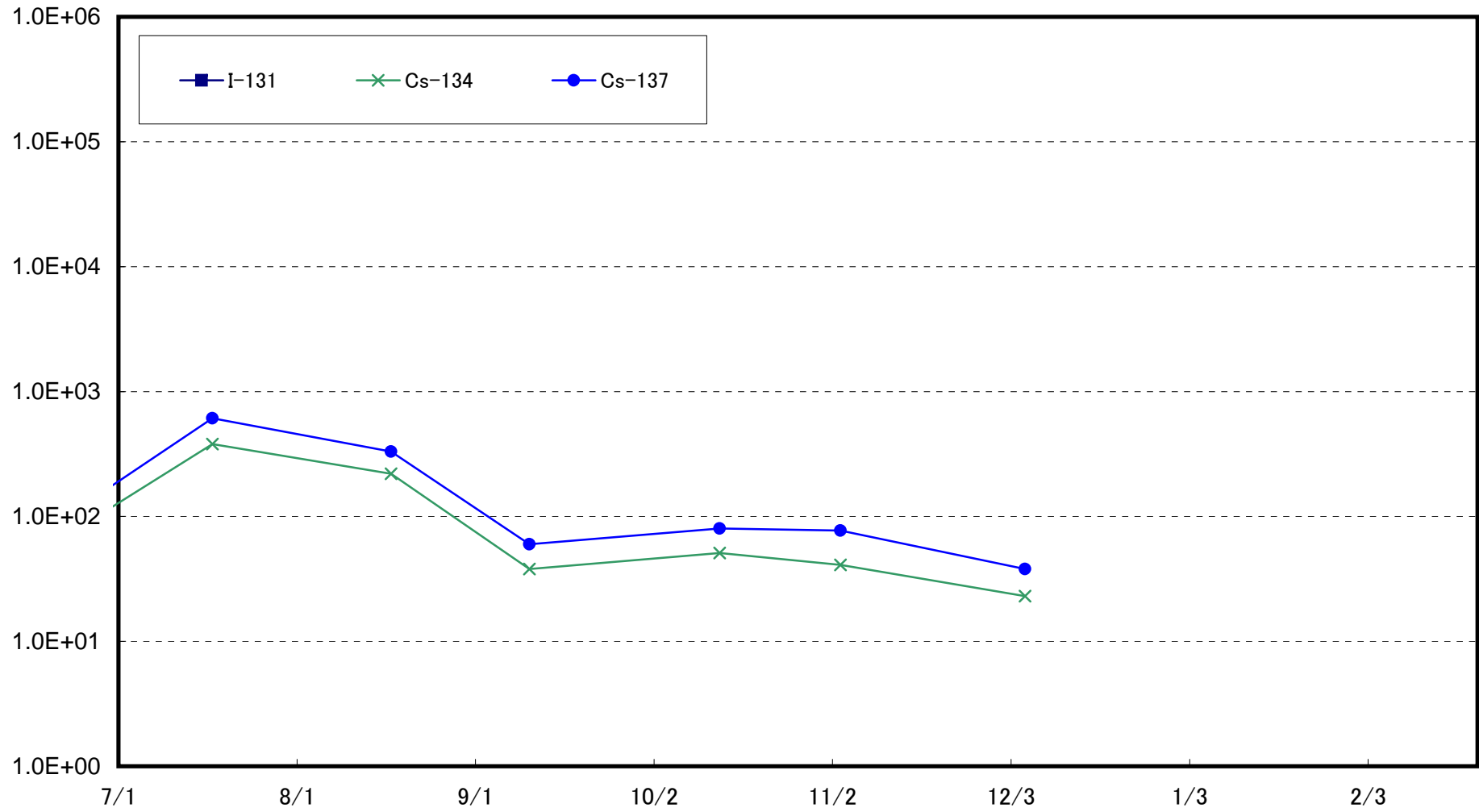
Radioactivity Density of the Marine Soil at Around 3km Offshore of Odaka Ward
(T-14) (Bq/kg , dry soil)



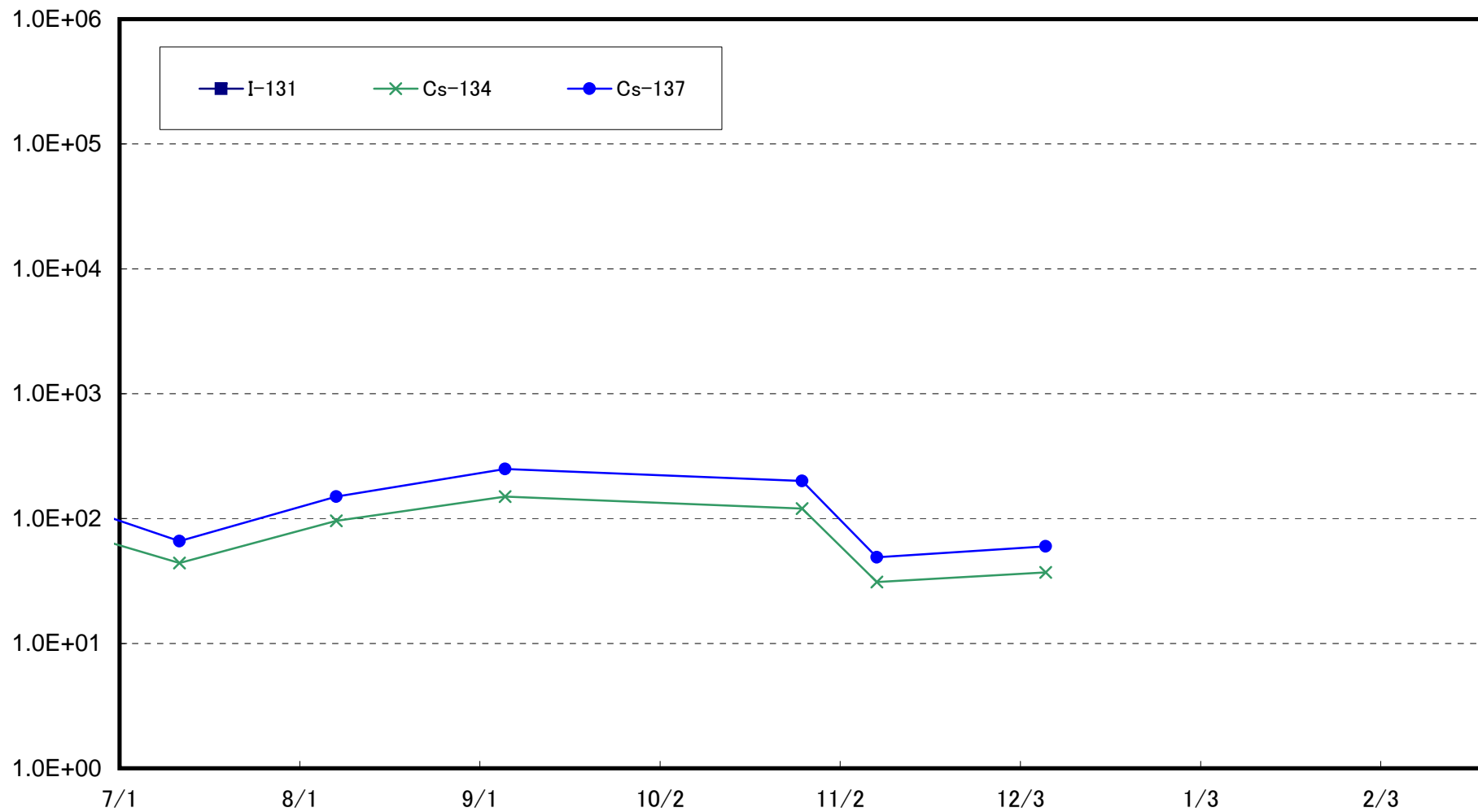
Radioactivity Density of the Marine Soil at 3km Offshore of Ukedo River
(T-D1) (Bq/kg, dry soil)



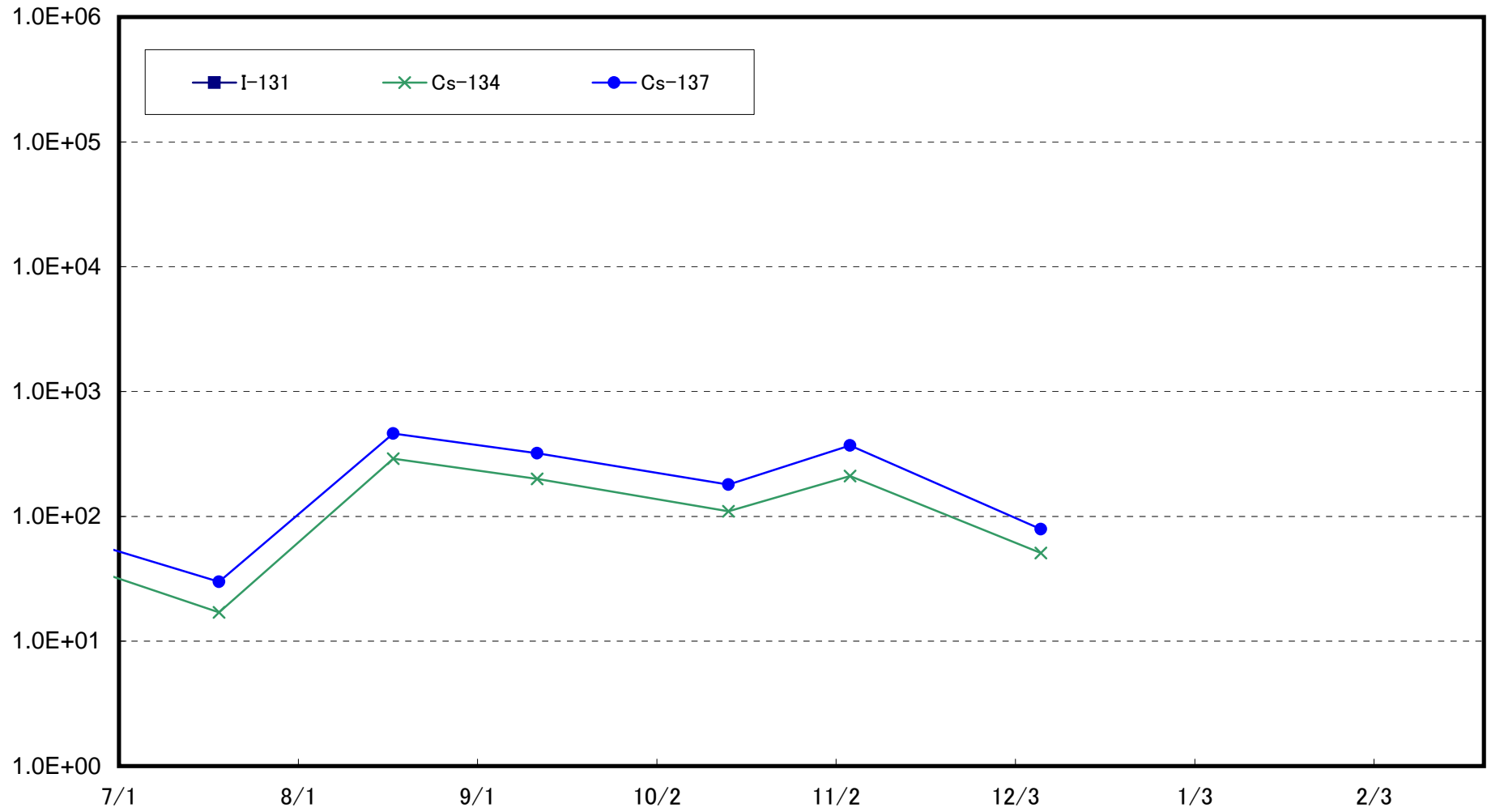
Radioactivity Density of the Marine Soil at 3km Offshore of Fukushima Daiichi NPS
(T-D5) (Bq/kg , dry soil)



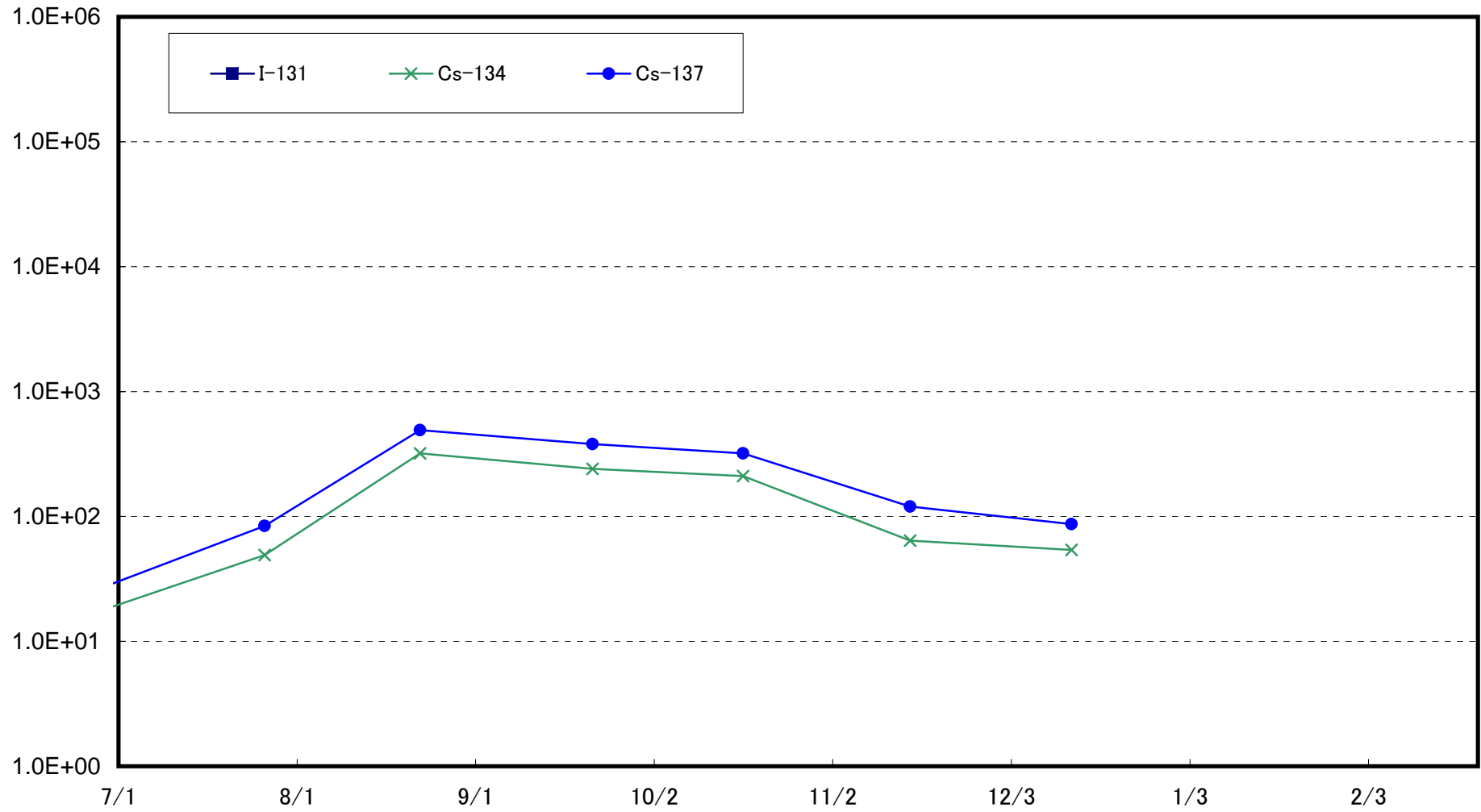
Radioactivity Density of the Marine Soil at 3km Offshore of Fukushima Daini NPS
(T-D9) (Bq/kg, dry soil)



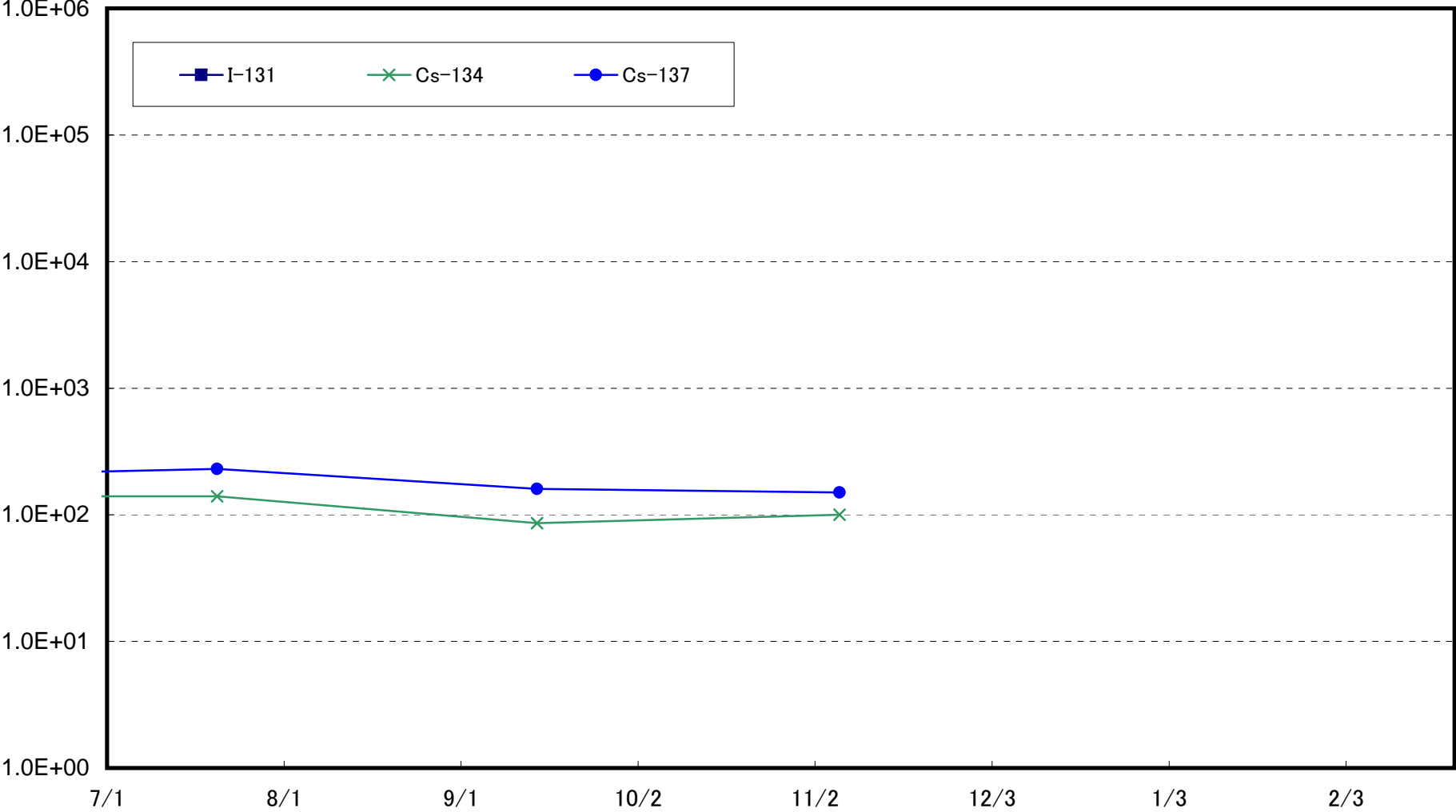
Radioactivity Density of the Marine Soil at 15km Offshore of Fukushima Daiichi NPS
(T-5) (Bq/kg, dry soil)



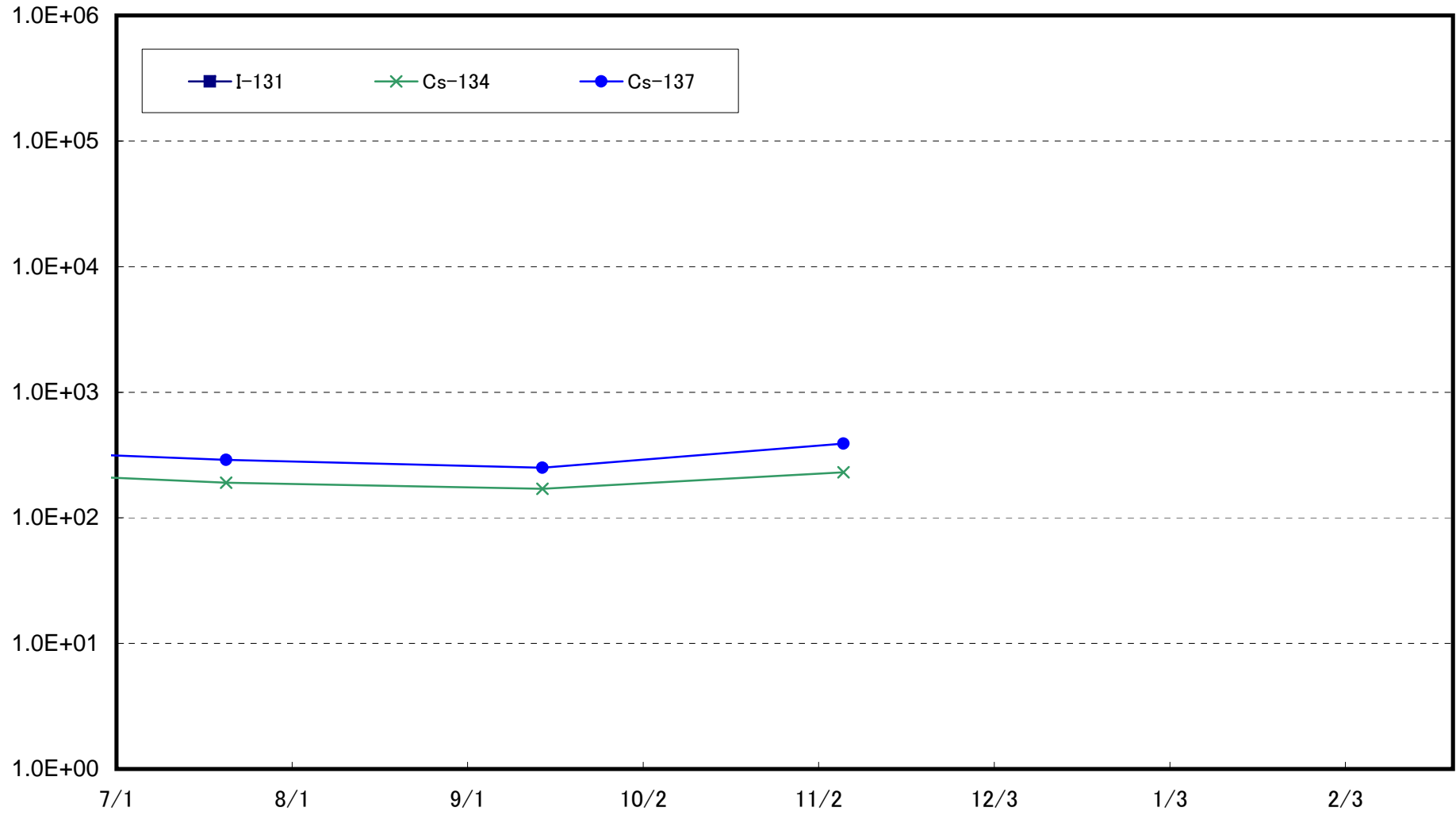
Radioactivity Density of the Marine Soil at 3km Offshore of Iwasawa Shore
(T-11) (Bq/kg, dry soil)



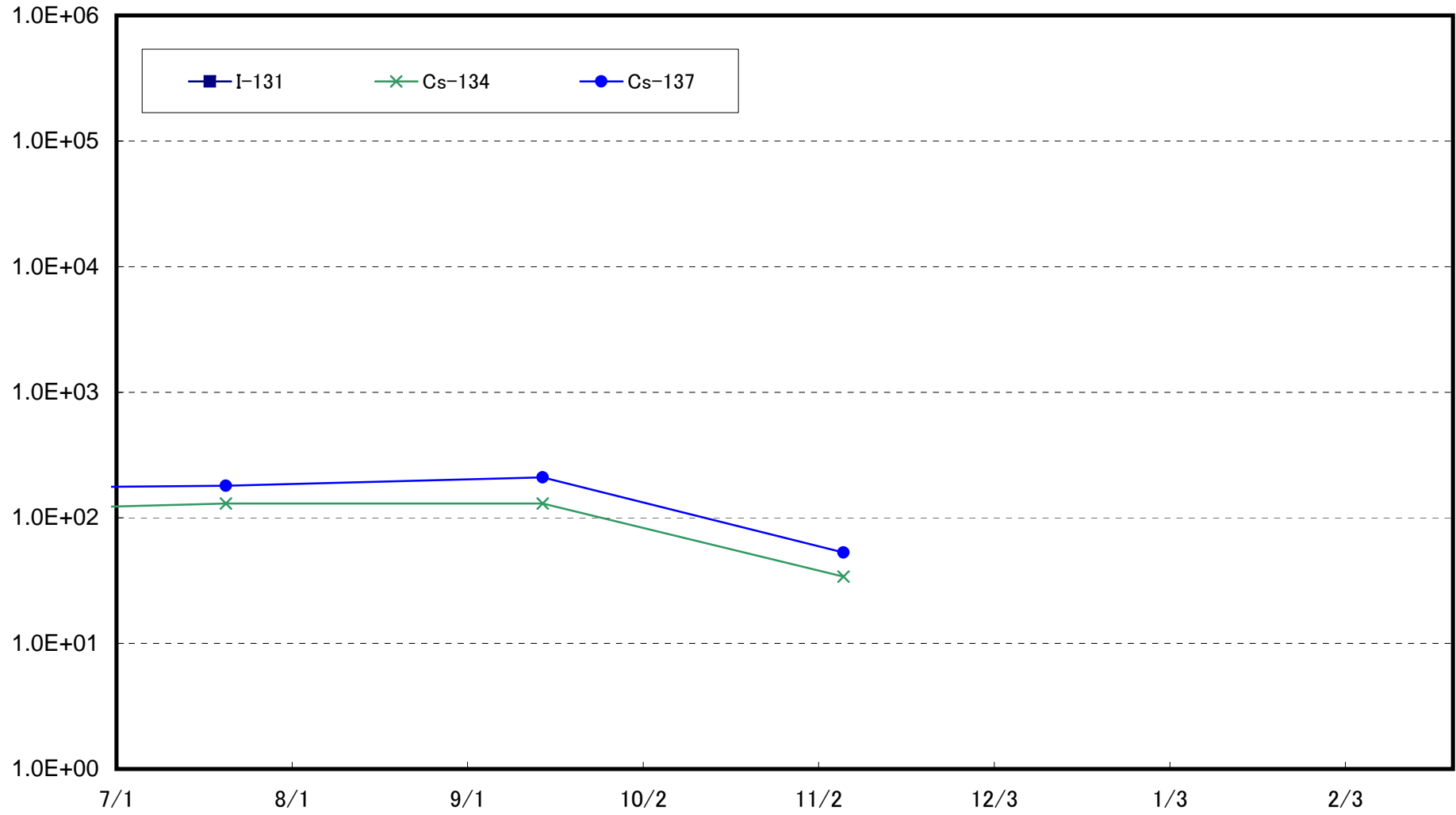
Radioactivity Density of the Marine Soil at 15km Offshore of Iwasawa Shore (T-7) (Bq/kg (dry soil))



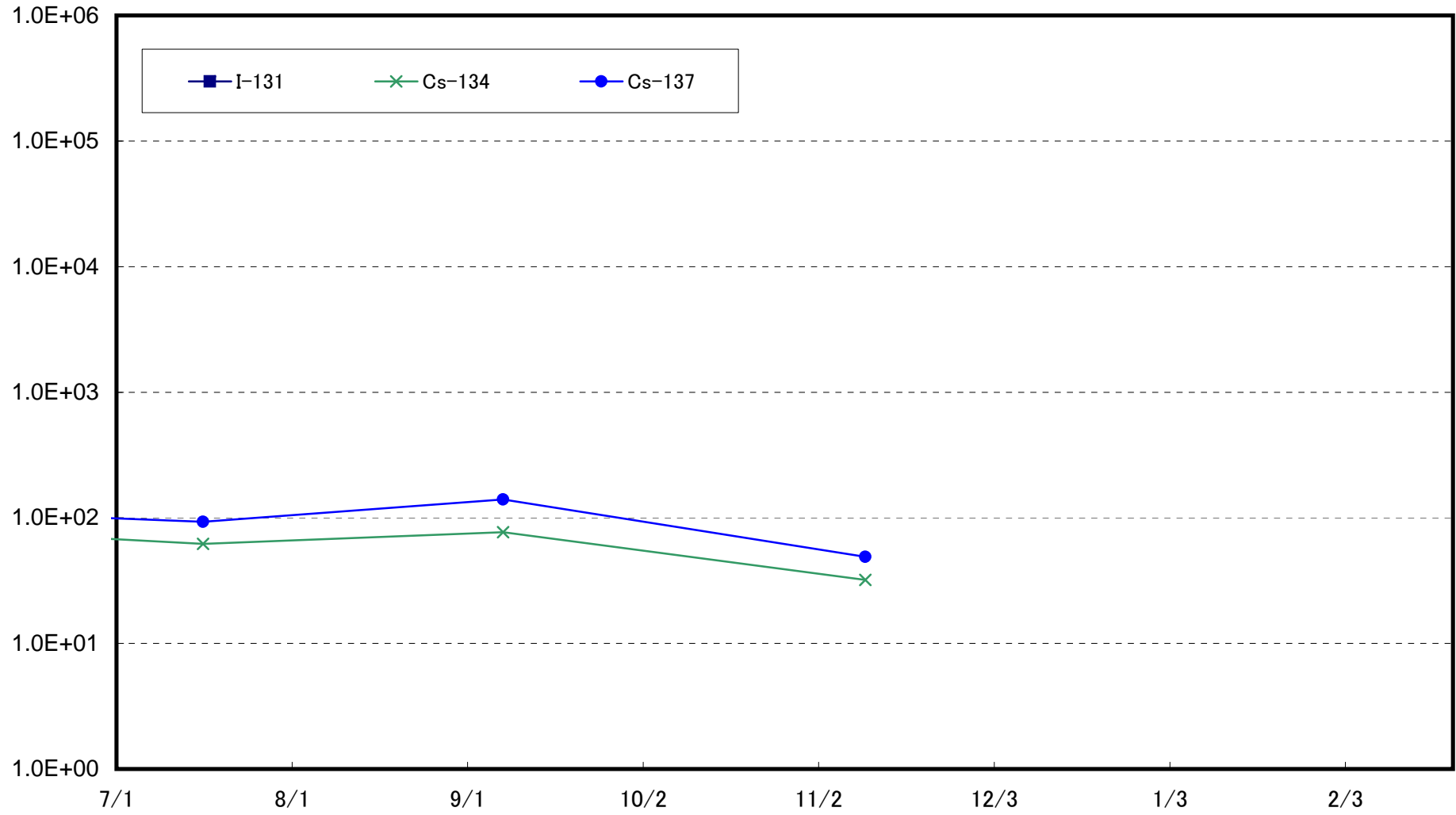
Radioactivity Density of the Marine Soil at 3km Offshore of Onahama Port (T-18) (Bq/kg (dry soil))



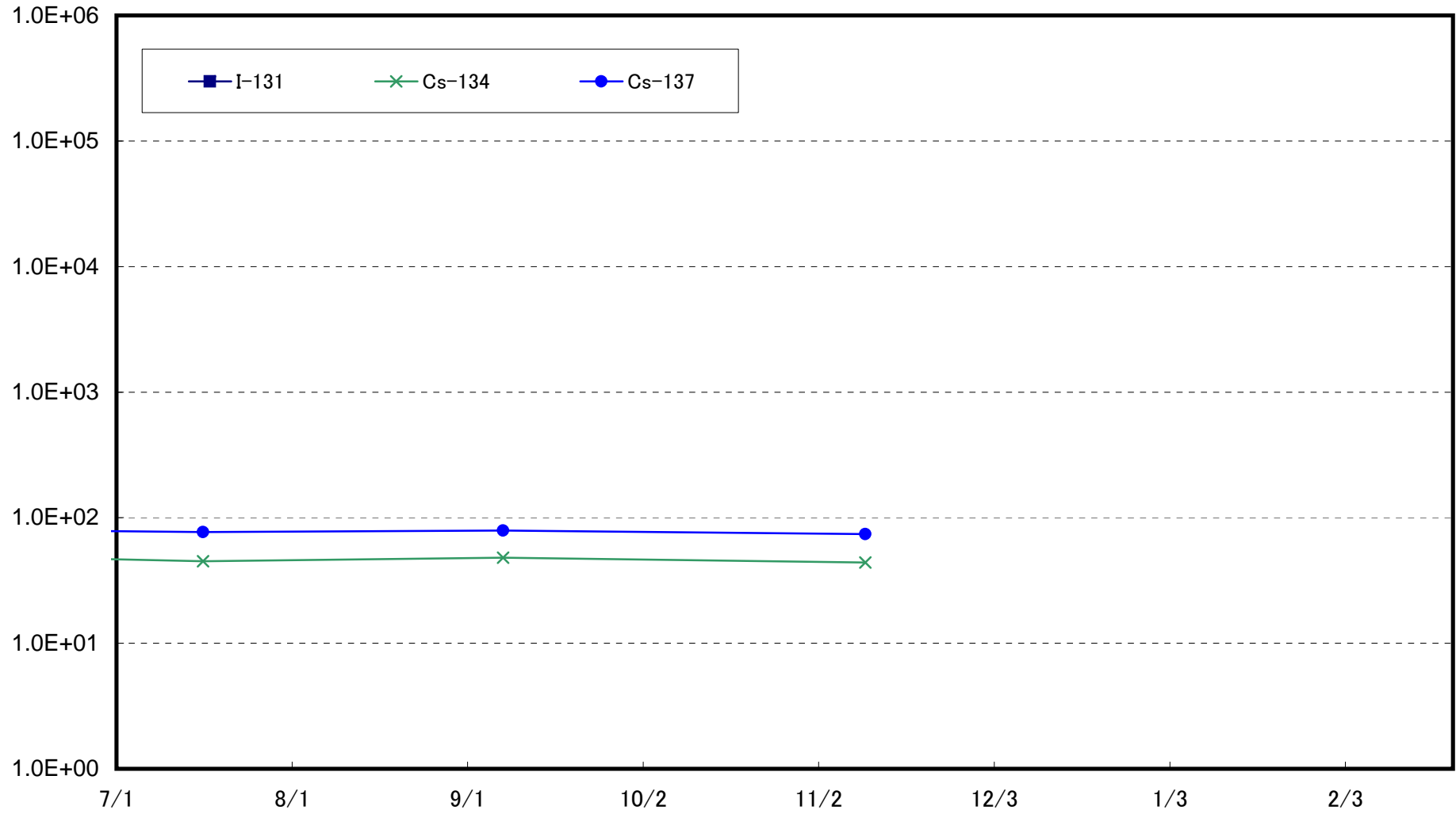
Radioactivity Density of the Marine Soil at 5km Offshore of Numanouchi (T-M10) (Bq/kg (dry soil))



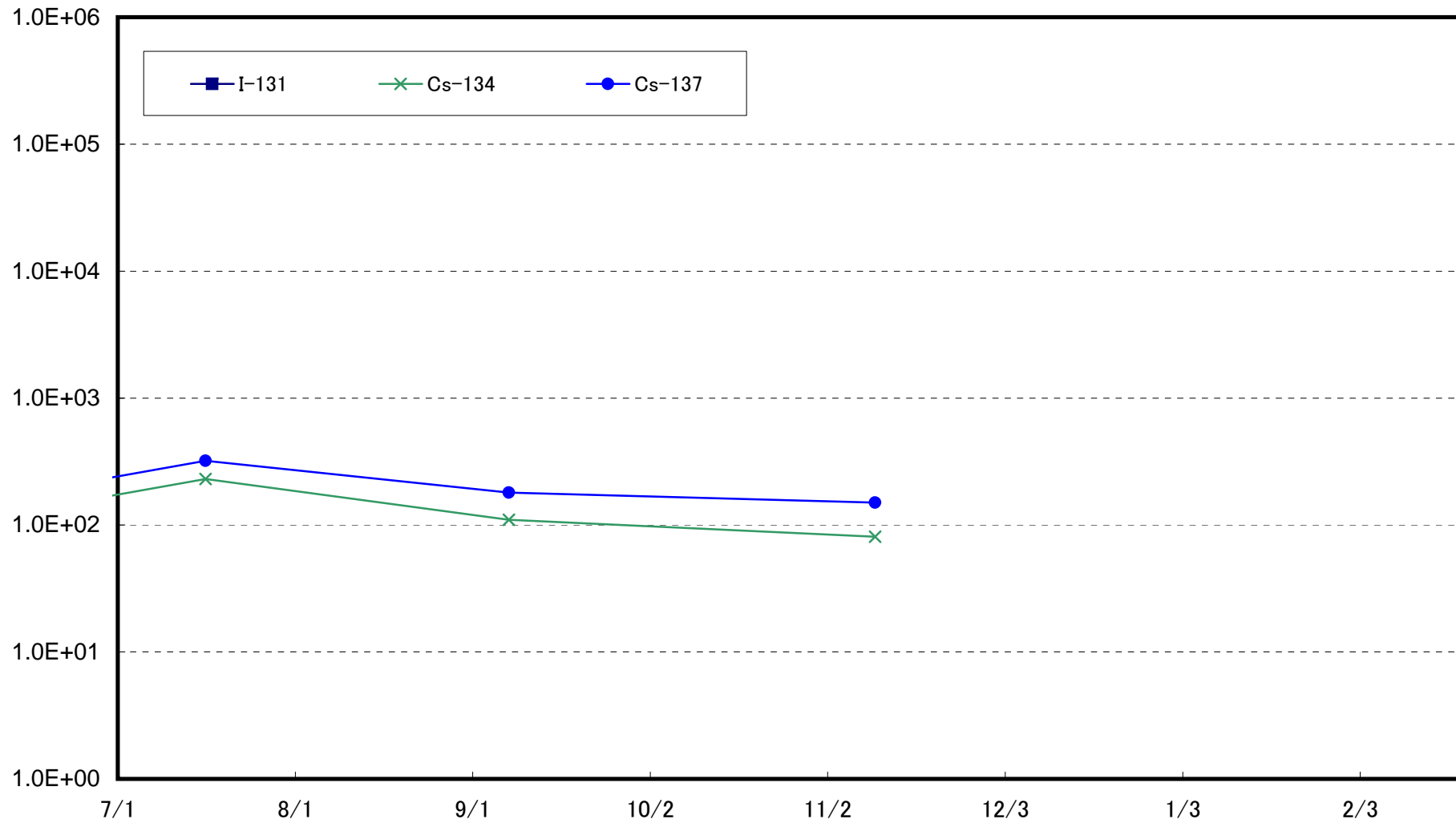
Radioactivity Density of the Marine Soil at 3km offshore of North of Iwaki City (T-12) (Bq/kg (dry soil))



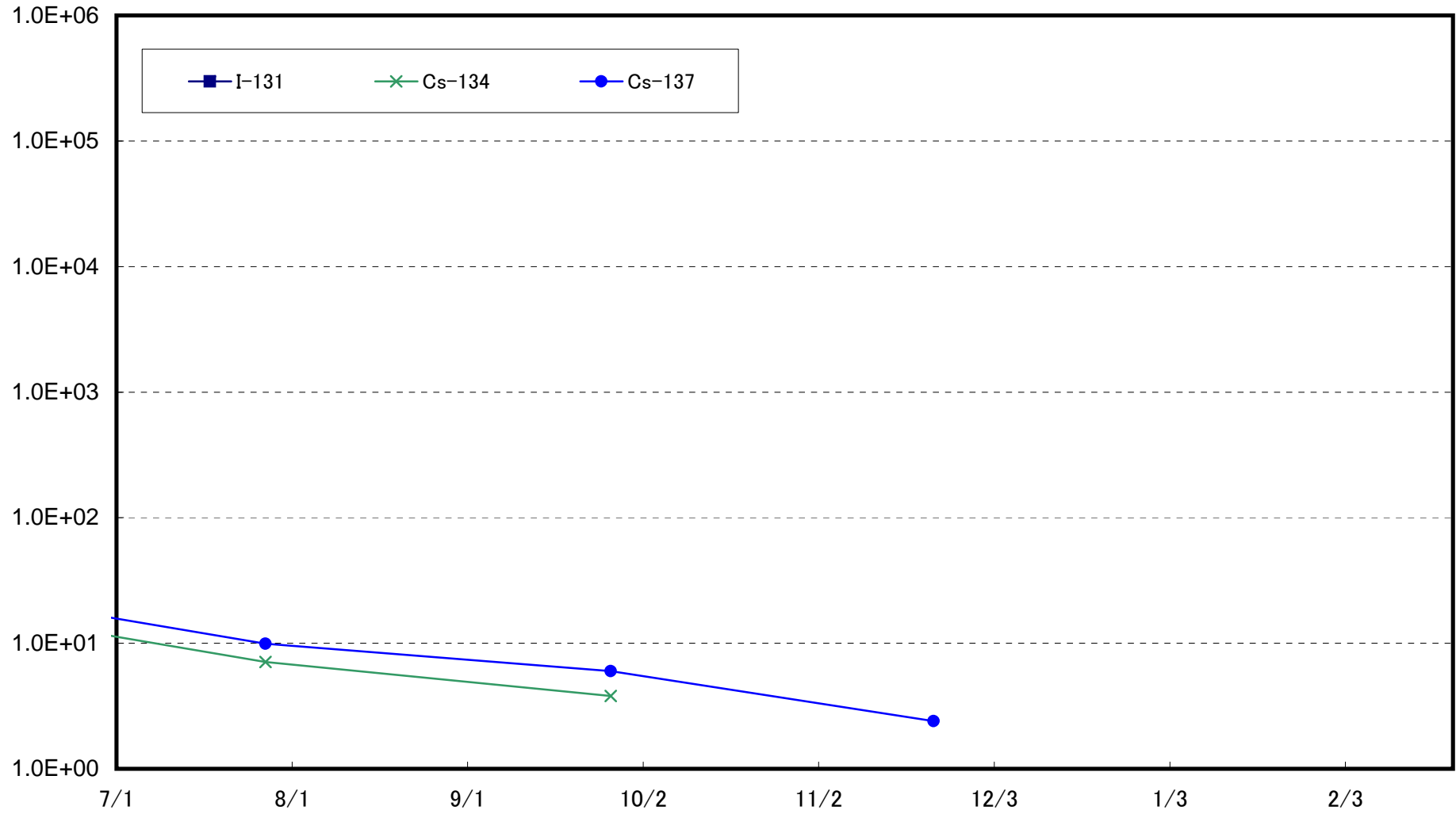
Radioactivity Density of the Marine Soil at 1km Offshore of Natsui River (T-17-1) (Bq/kg (dry soil))



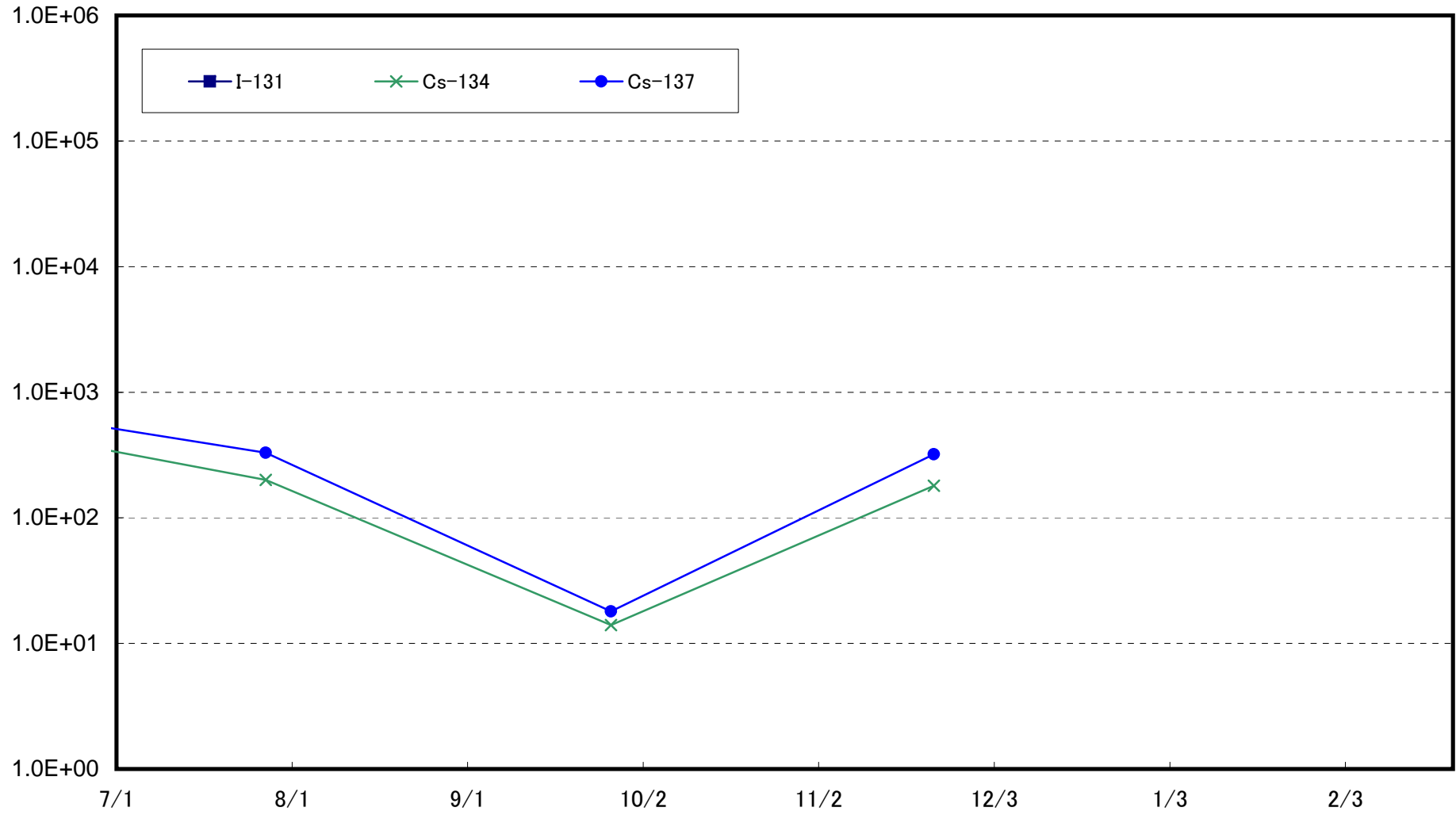
Radioactivity Density of the Marine Soil at 3km Offshore of Toyoma (T-20) (Bq/kg (dry soil))



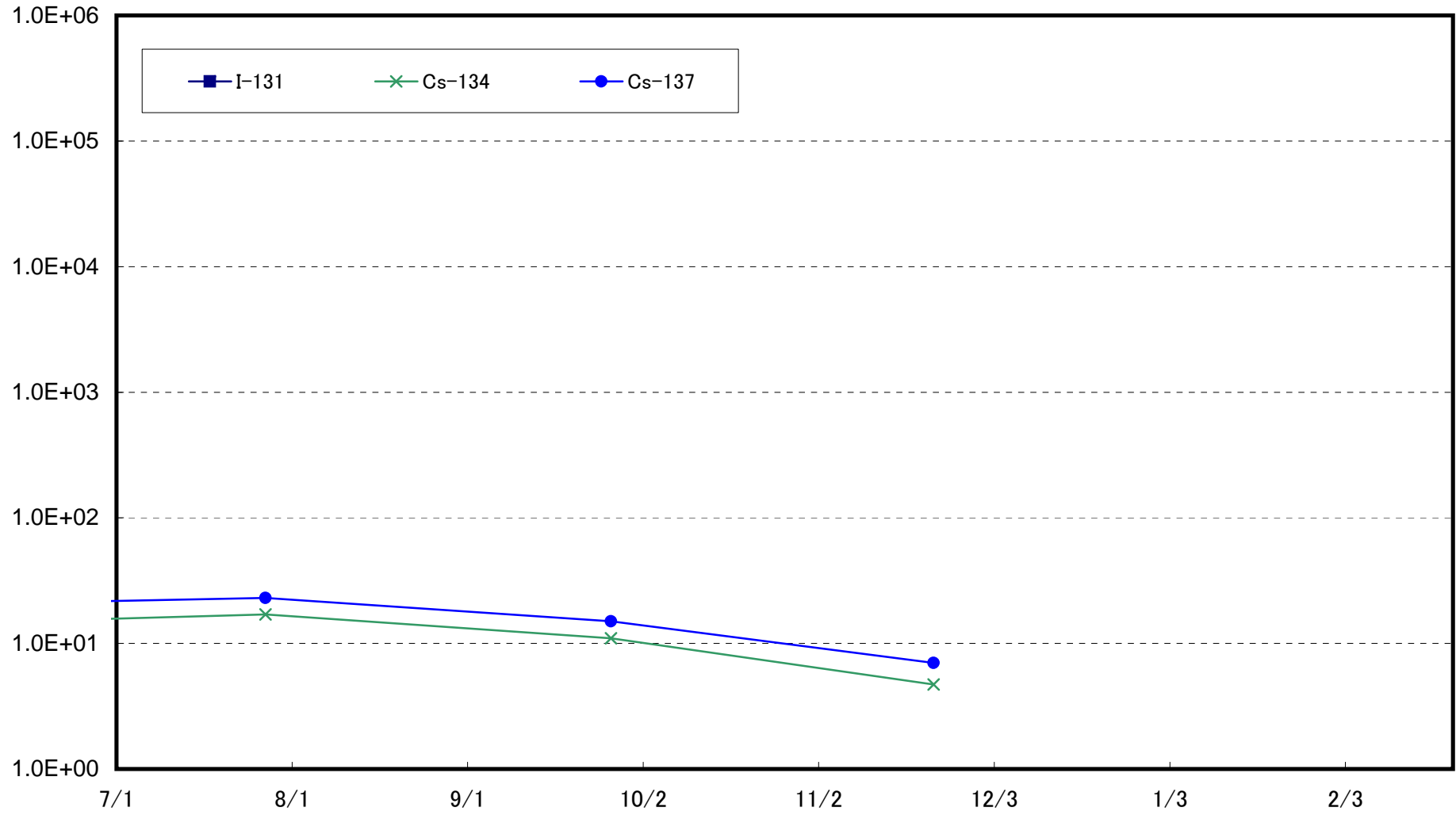
Radioactivity Density of the Marine Soil at 1km Offshore of Nida River (T-13-1) (Bq/kg (dry soil))



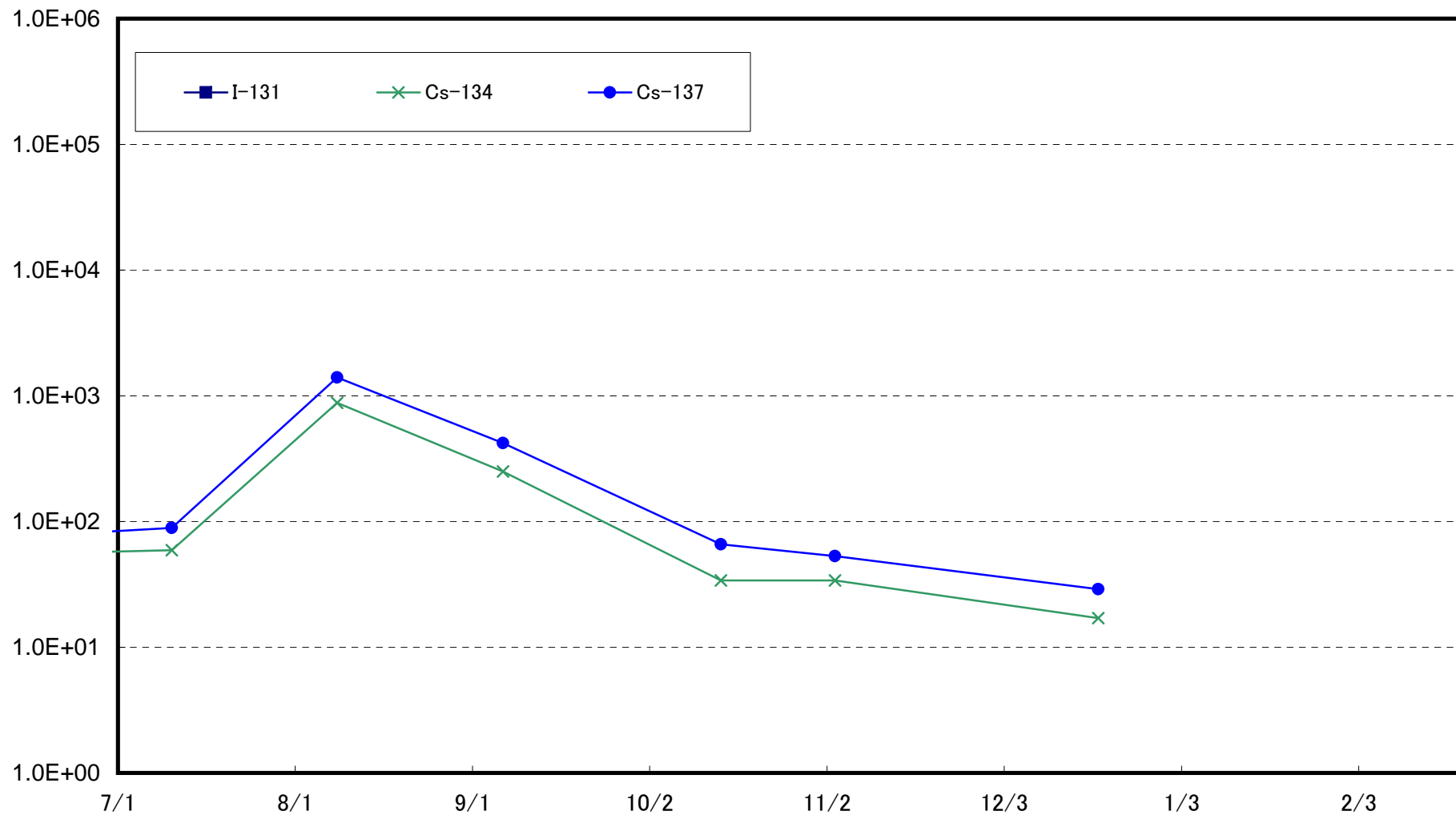
Radioactivity Density of the Marine Soil at 3km Offshore of Soma (T-22) (Bq/kg (dry soil))



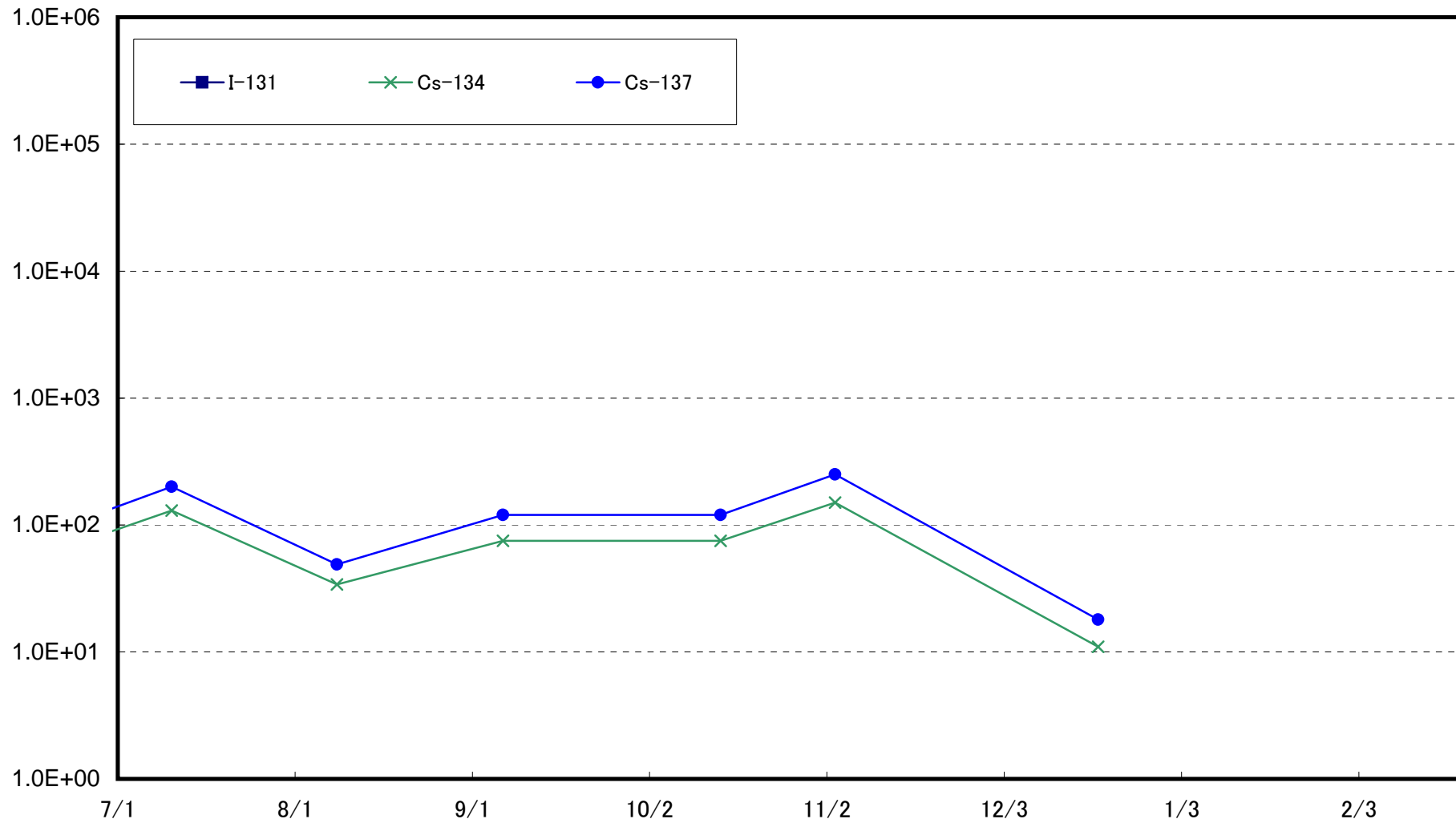
Radioactivity Density of the Marine Soil at 5km Offshore of Kashima (T-MA) (Bq/kg (dry soil))



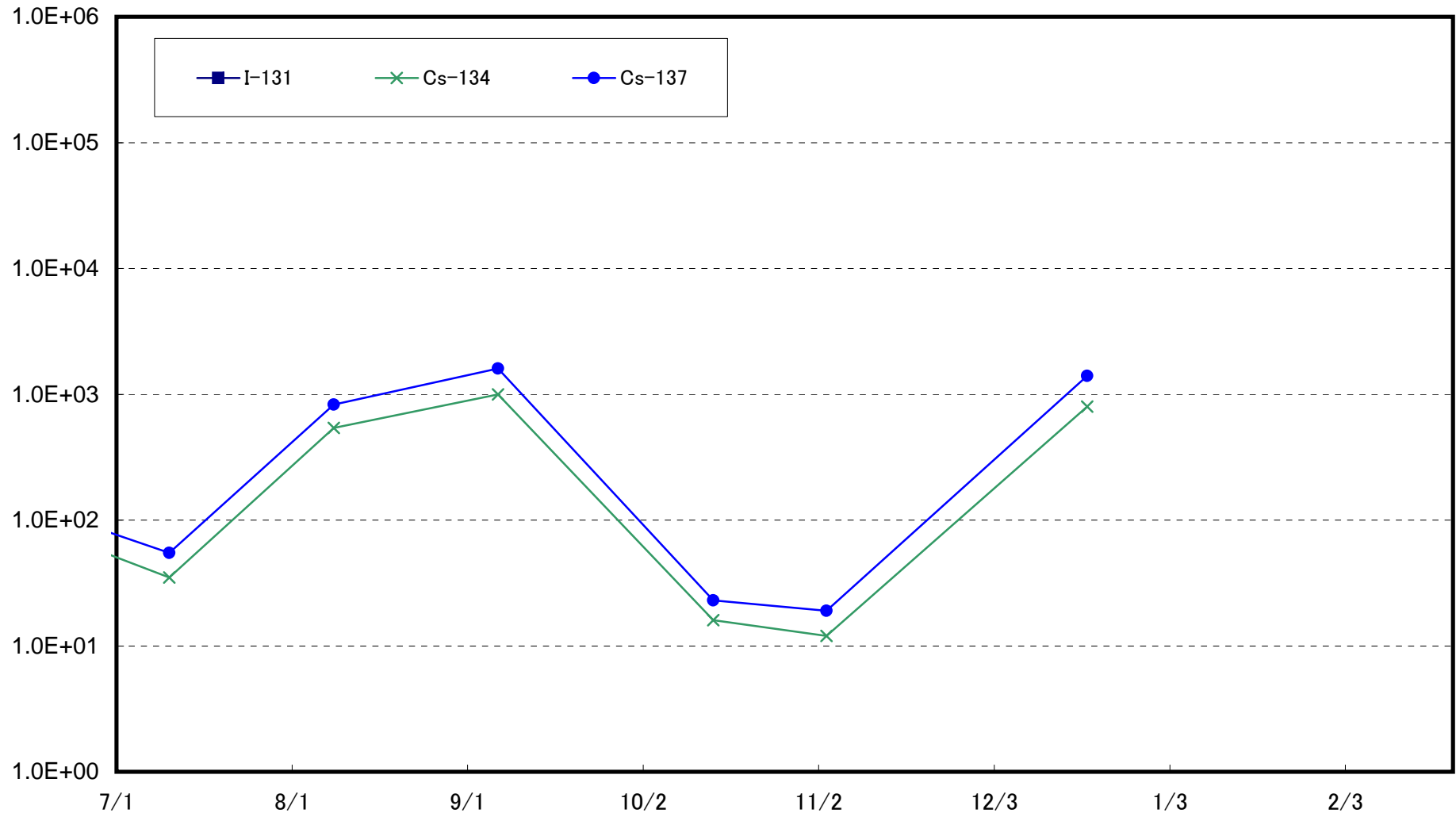
Radioactivity Density of the Marine Soil at 1km Offshore of Murakami, Odaka Ward (T-①) (Bq/kg (dry soil))



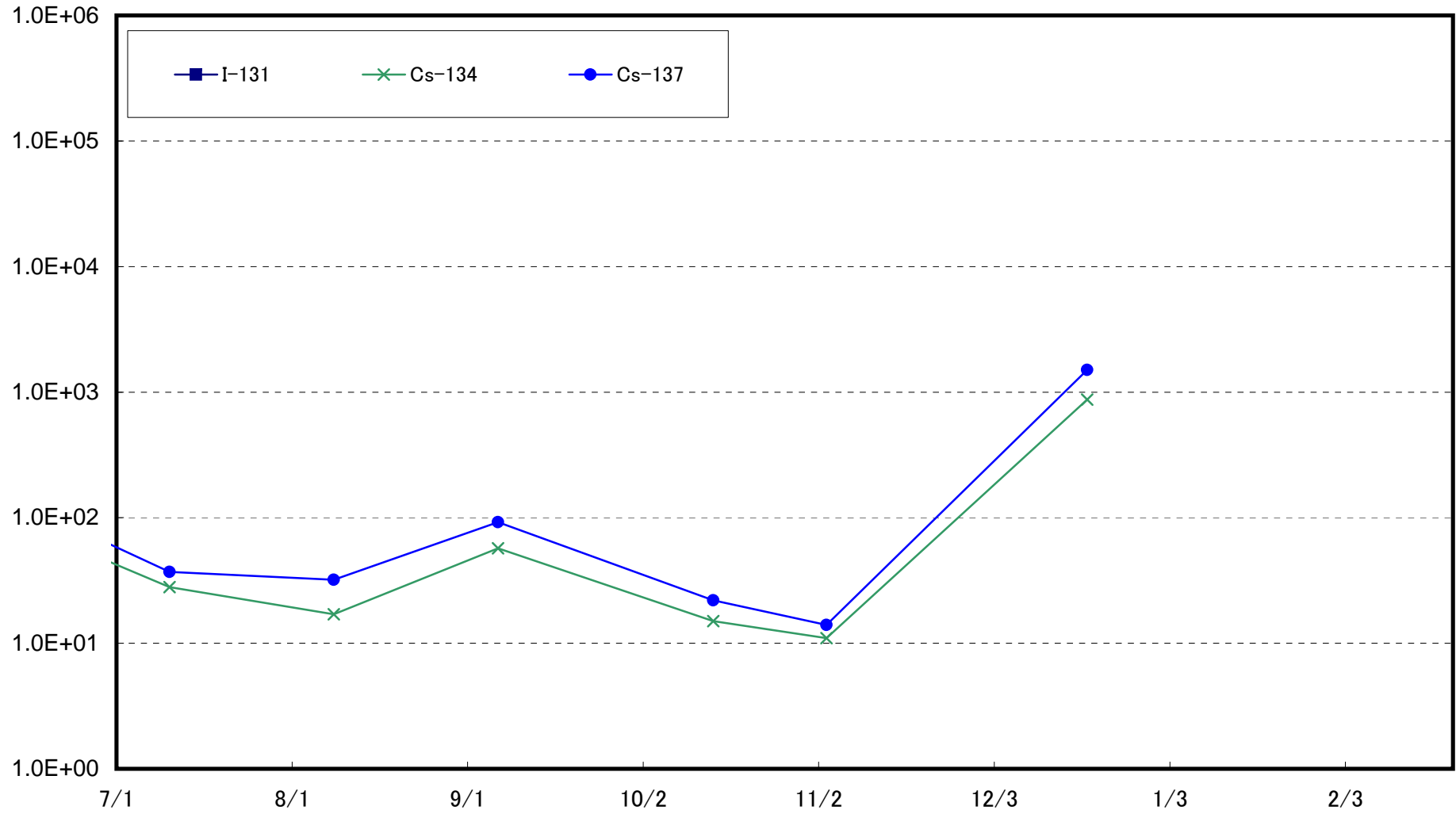
Radioactivity Density of the Marine Soil at 2km Offshore of Murakami, Odaka Ward (T-②) (Bq/kg (dry soil))



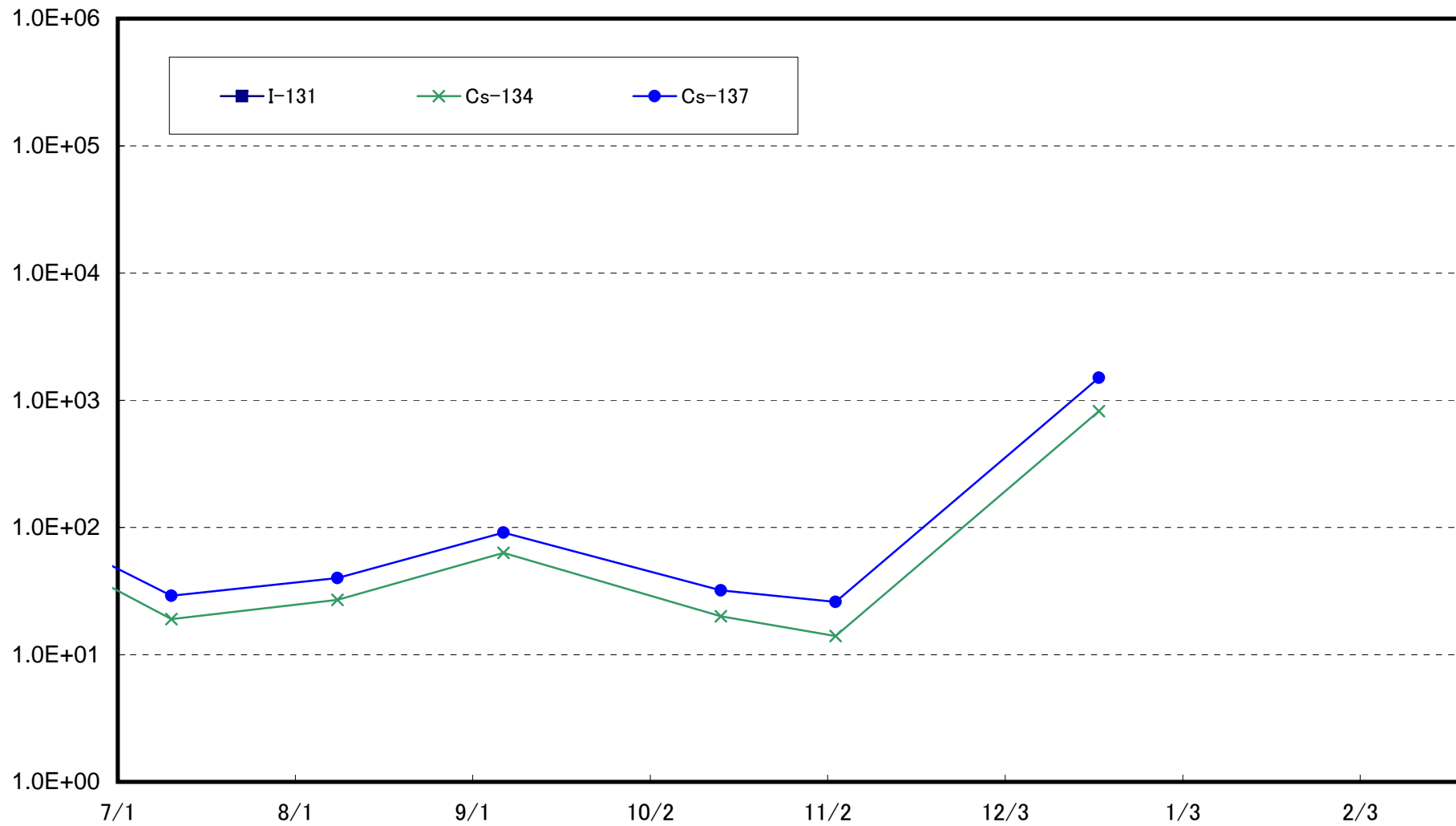
Radioactivity Density of the Marine Soil at 1km Offshore of Ukedo, Namie Town (T-③) (Bq/kg (dry soil))



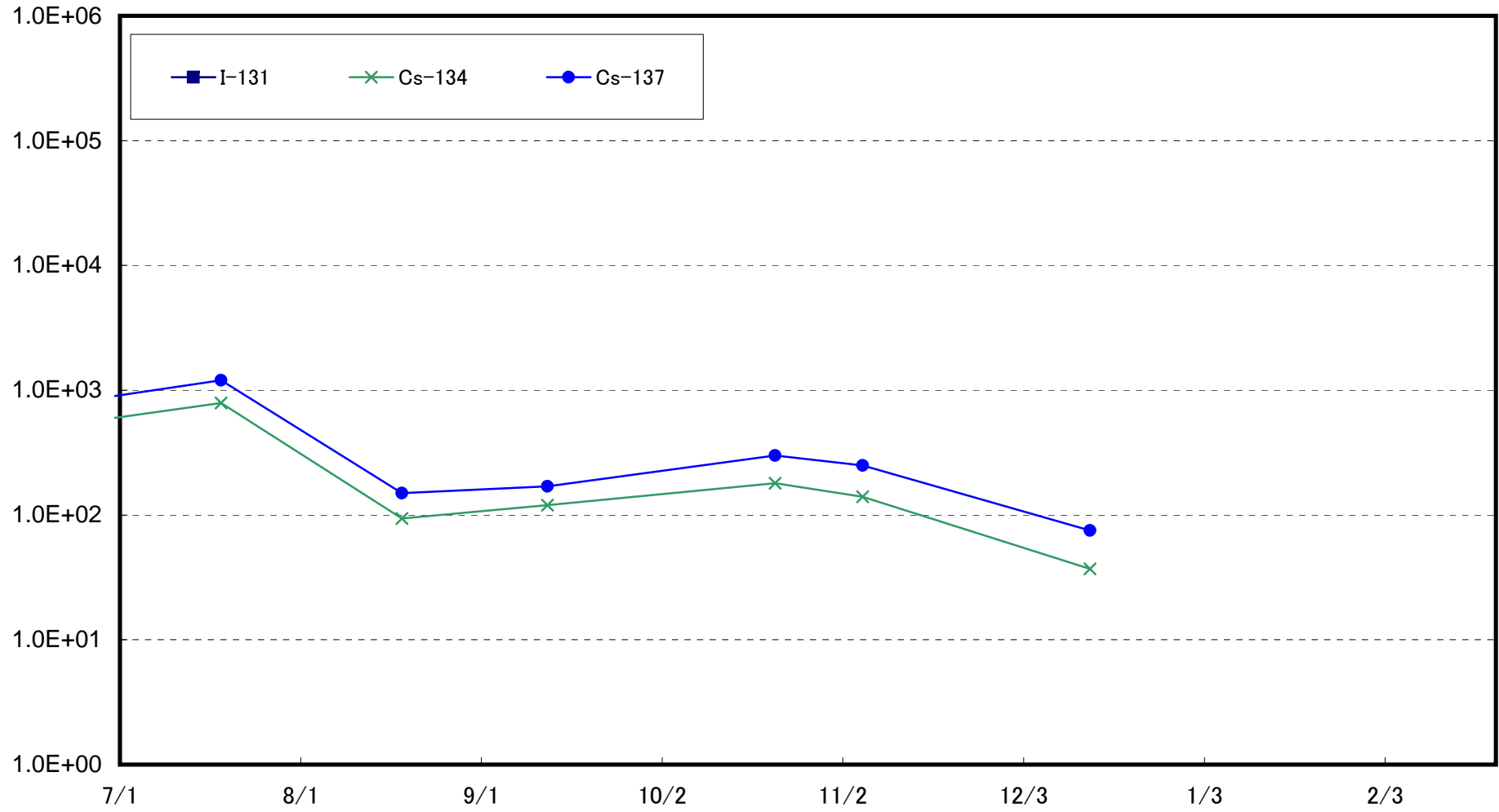
Radioactivity Density of the Marine Soil at 2km Offshore of Ukedo, Namie Town (T-④) (Bq/kg (dry soil))



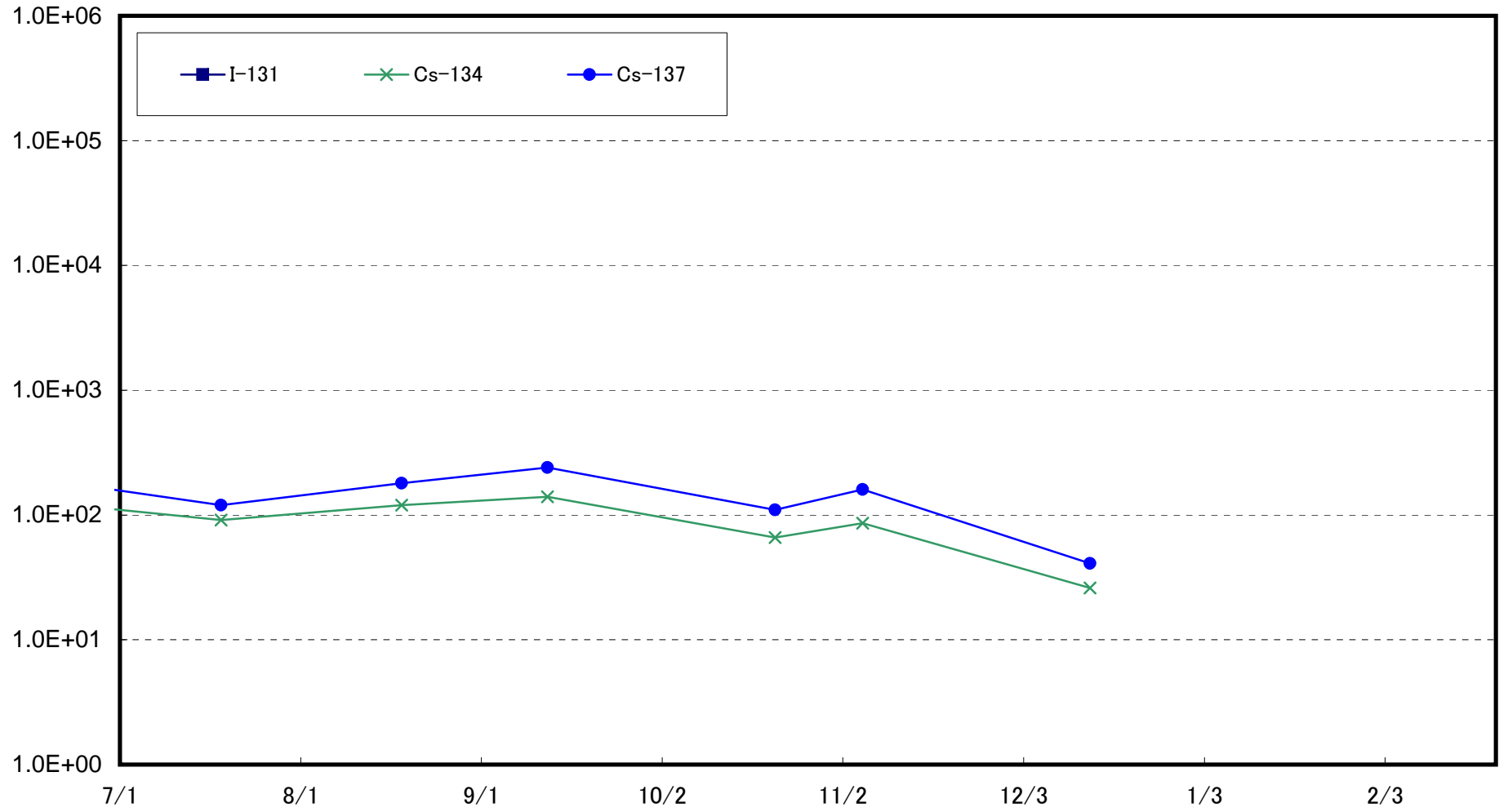
Radioactivity Density of the Marine Soil at 3km Offshore of Ukedo, Namie Town (T-⑤) (Bq/kg (dry soil))



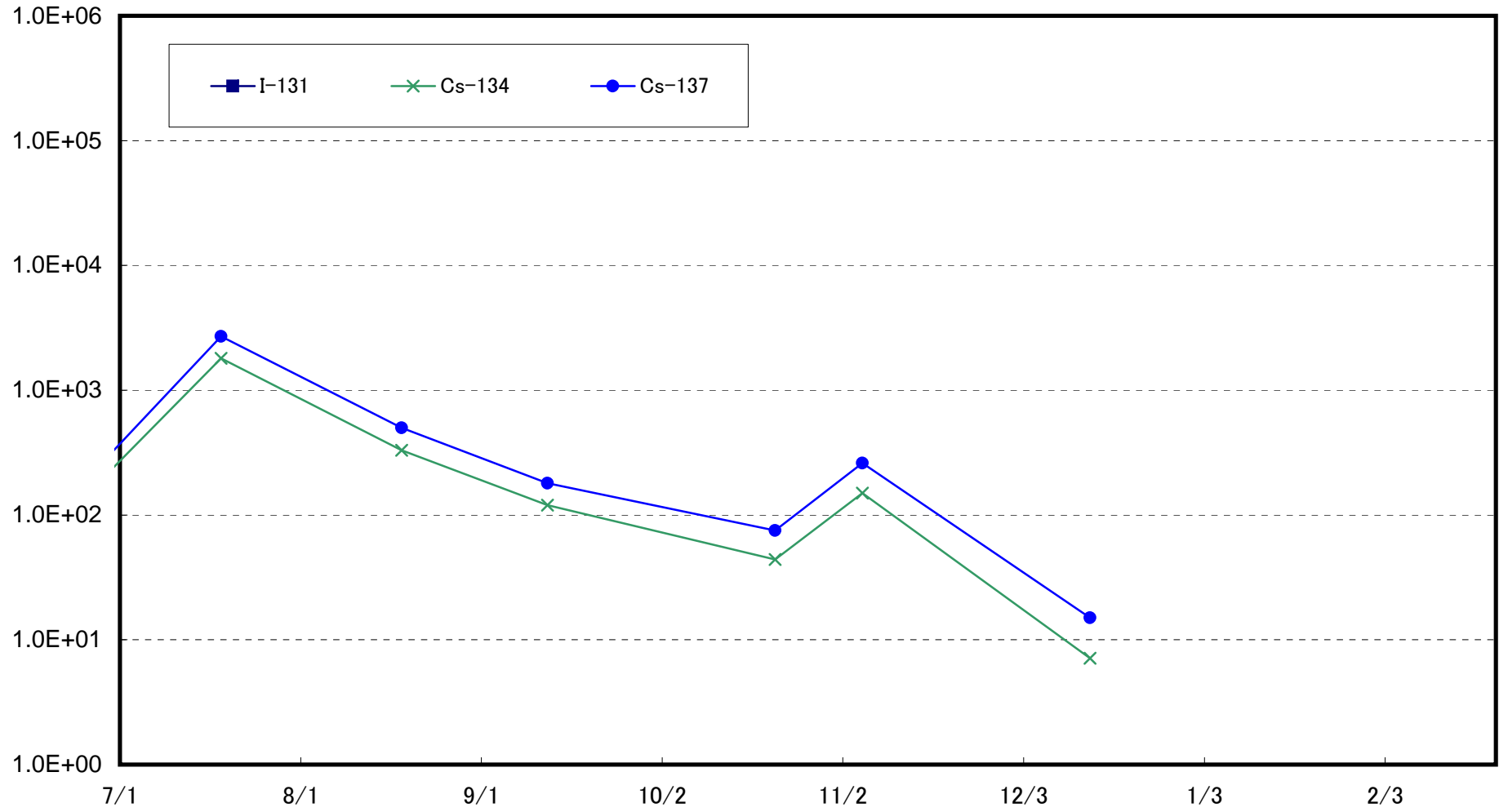
Radioactivity Density of the Marine Soil at 1km Offshore of Kumagawa, Okuma Town (T-⑥) (Bq/kg (dry soil))



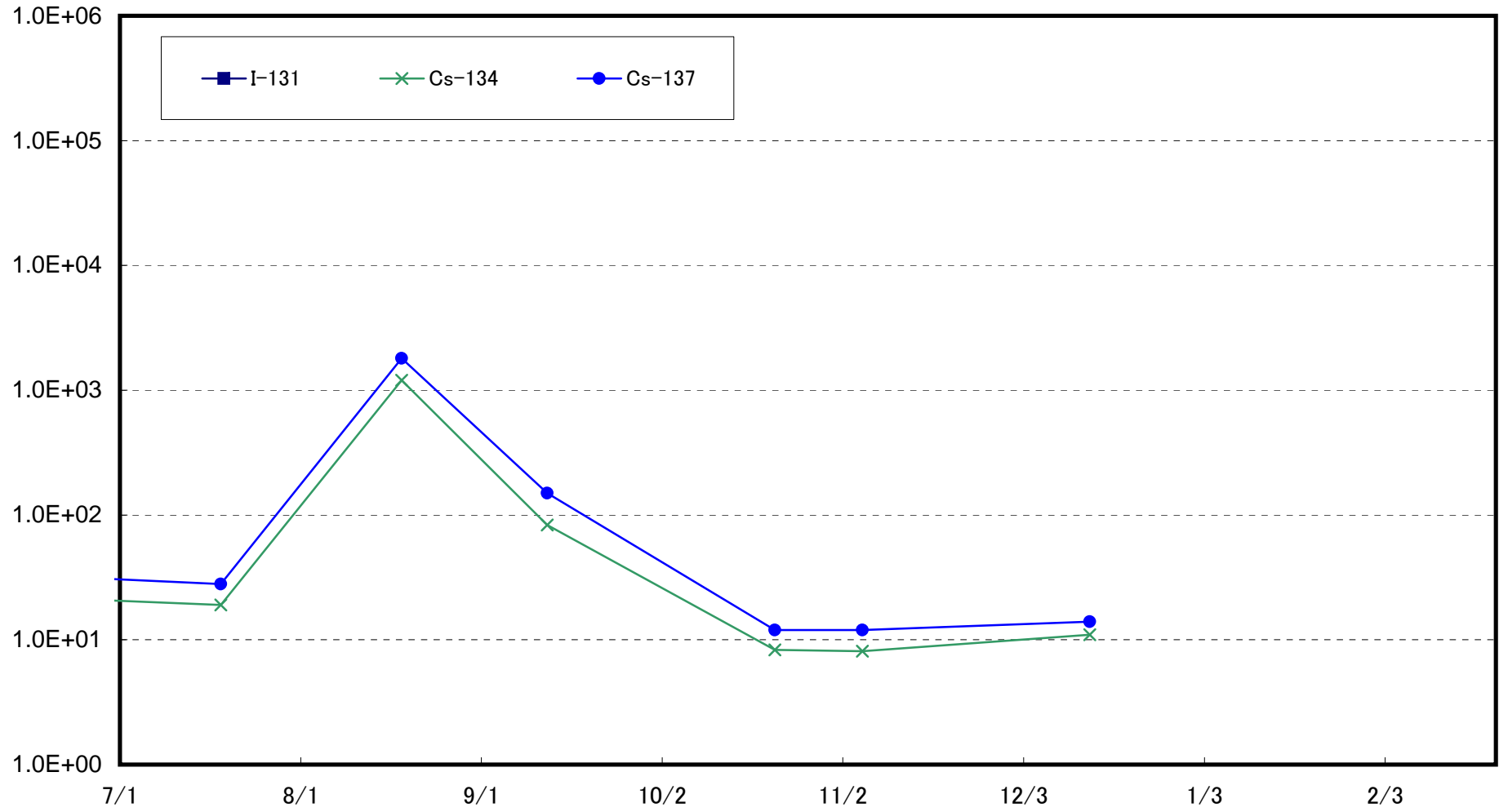
Radioactivity Density of the Marine Soil at 2km Offshore of Kumagawa, Okuma Town (T-⑦) (Bq/kg (dry soil))



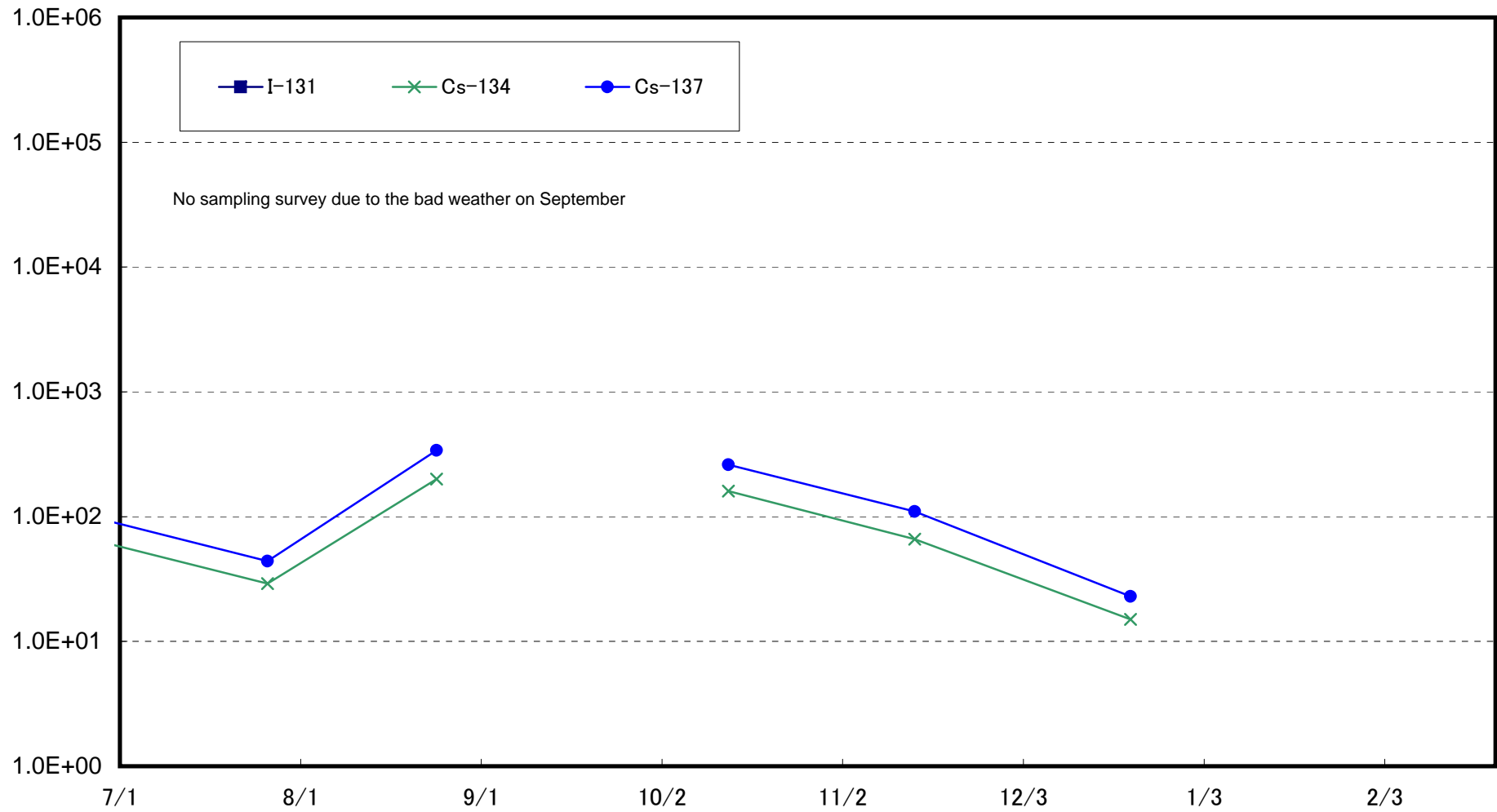
Radioactivity Density of the Marine Soil at 3km Offshore of Kumagawa, Okuma Town (T-⑧) (Bq/kg (dry soil))



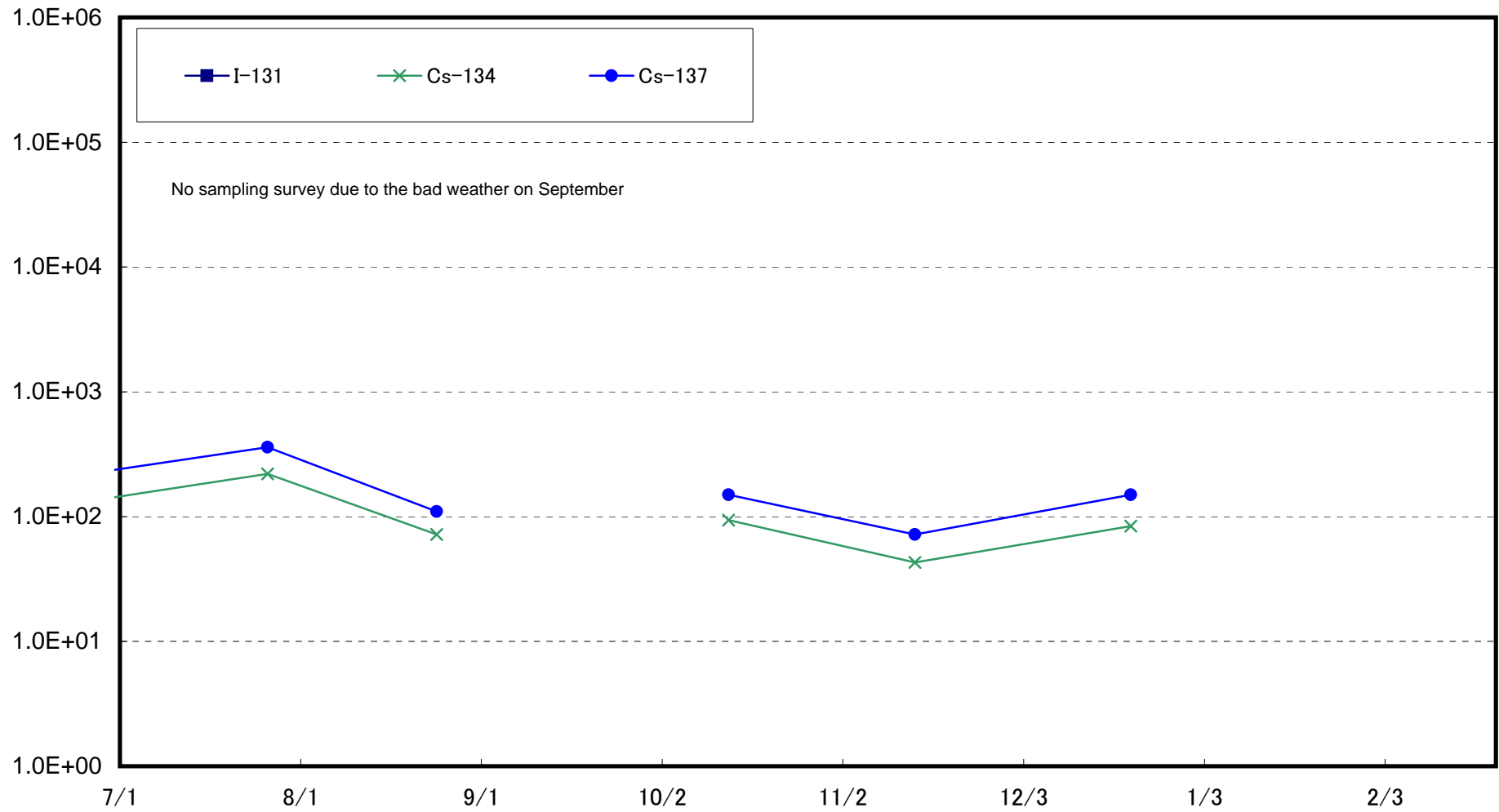
Radioactivity Density of the Marine Soil at 5km Offshore of Kumagawa, Okuma Town (T-9) (Bq/kg (dry soil))



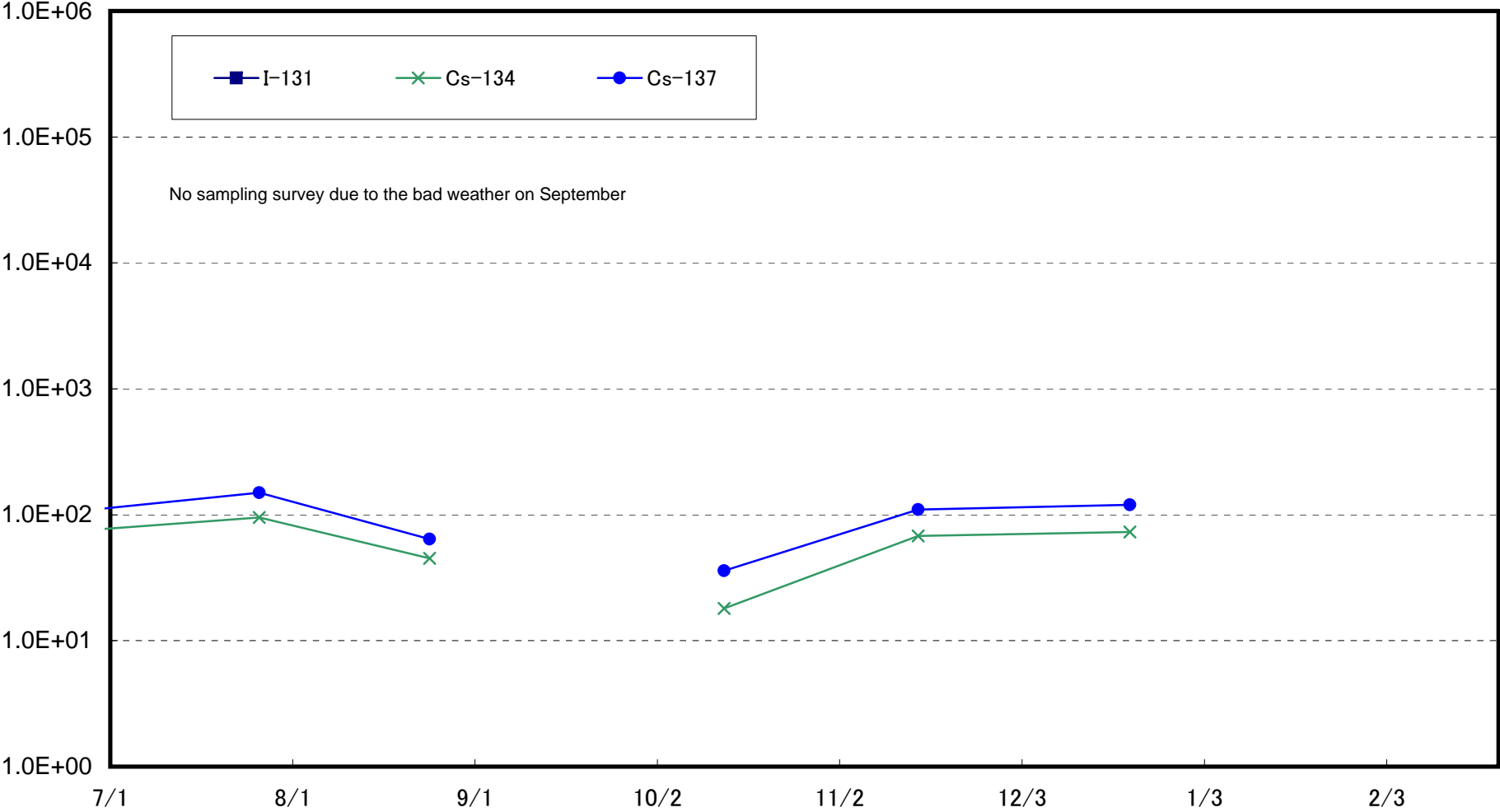
Radioactivity Density of the Marine Soil at 10km Offshore of Kumagawa, Okuma Town (T-10) (Bq/kg (dry soil))



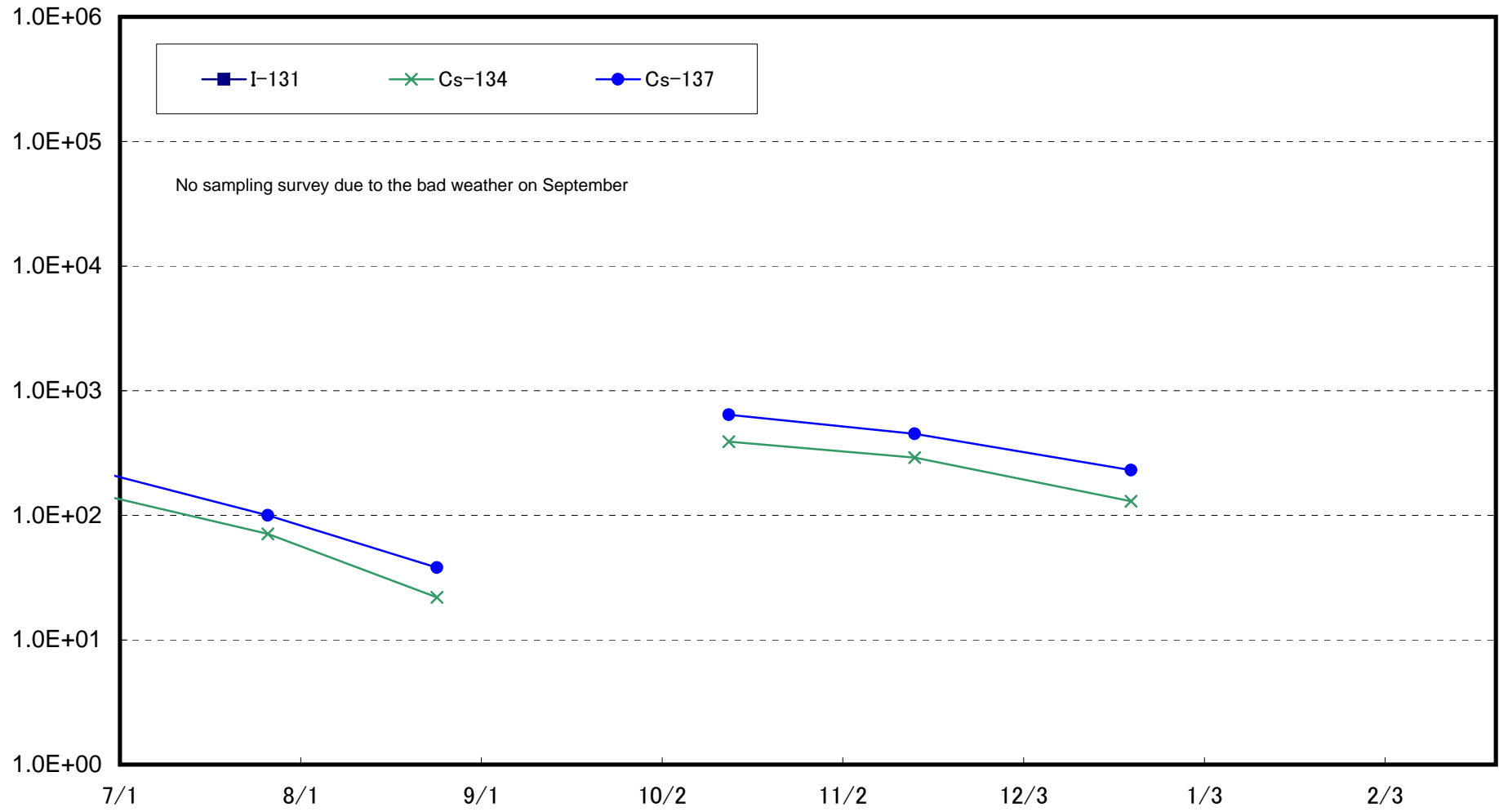
Radioactivity Density of the Marine Soil at 15km Offshore of Kumagawa, Okuma Town (T-⑪) (Bq/kg (dry soil))



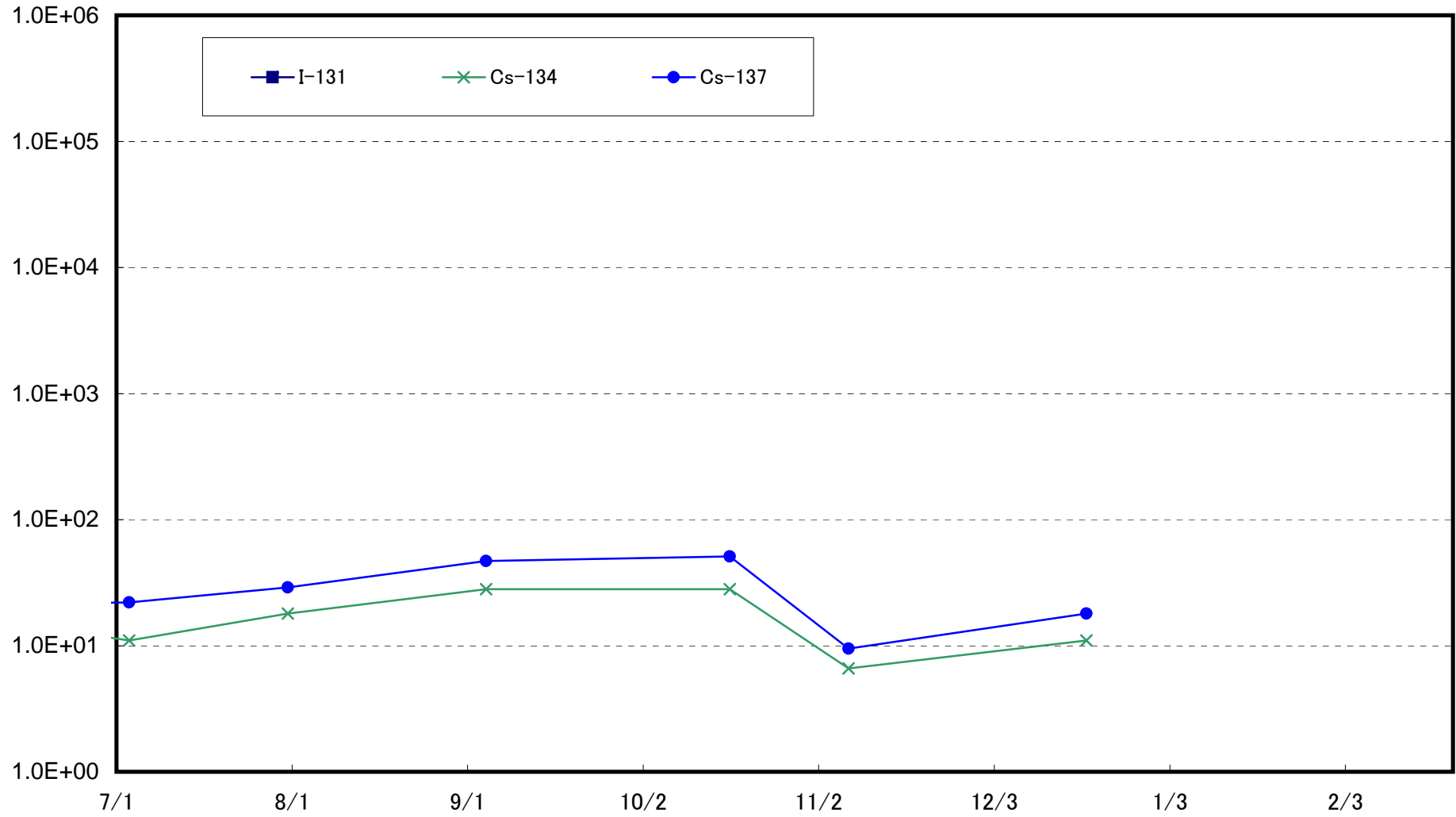
Radioactivity Density of the Marine Soil at 20km Offshore of Kumagawa, Okuma Town (T-12) (Bq/kg (dry soil))



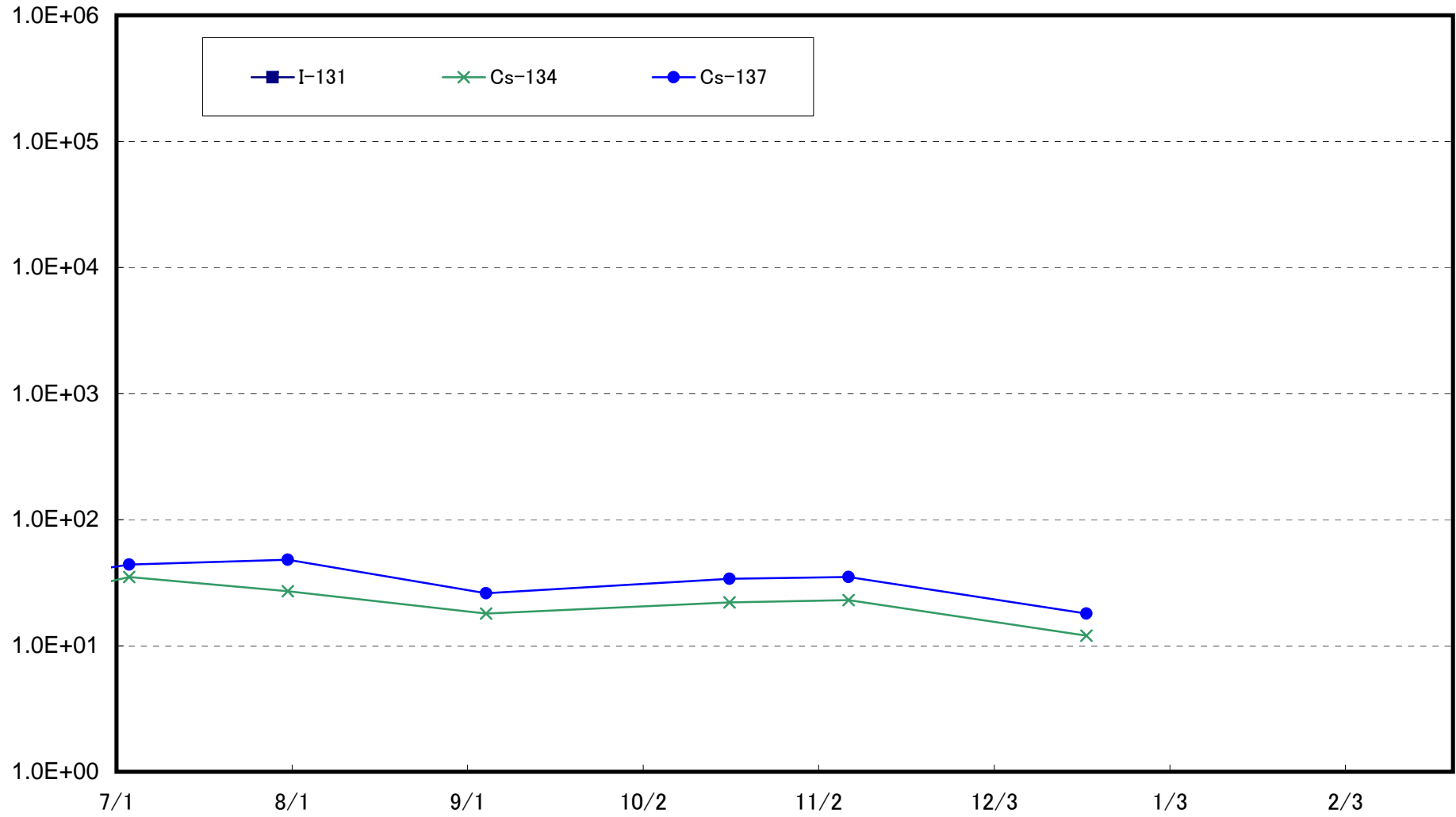
Radioactivity Density of the Marine Soil at 1km Offshore of Yamadahama, Naraha Town (T-13) (Bq/kg (dry soil))



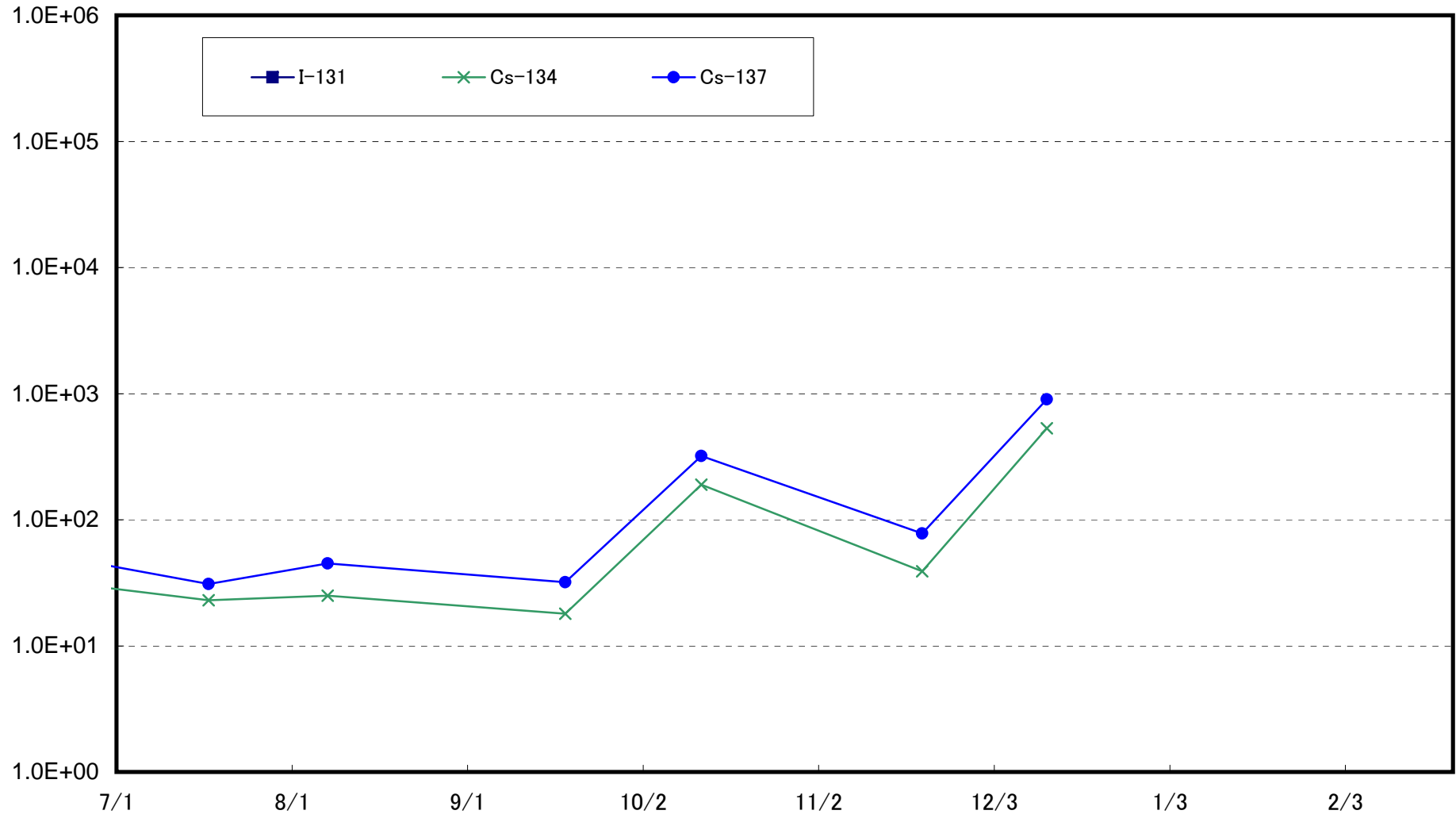
Radioactivity Density of the Marine Soil at Around 1km Offshore of Ota River (T-S1) (Bq/kg (dry soil))



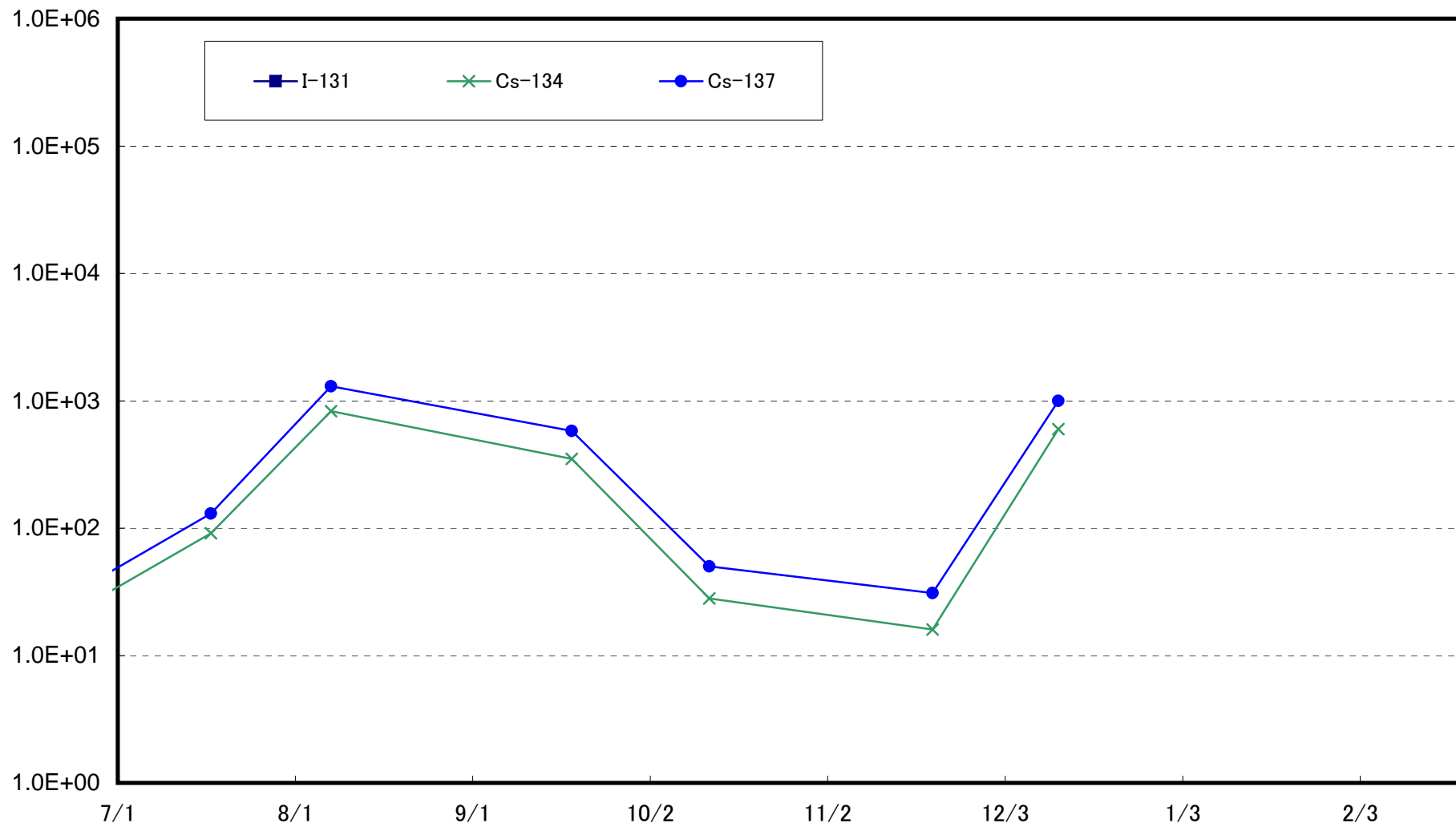
Radioactivity Density of the Marine Soil at Around 3km Offshore of Odaka Ward (T-S2) (Bq/kg (dry soil))



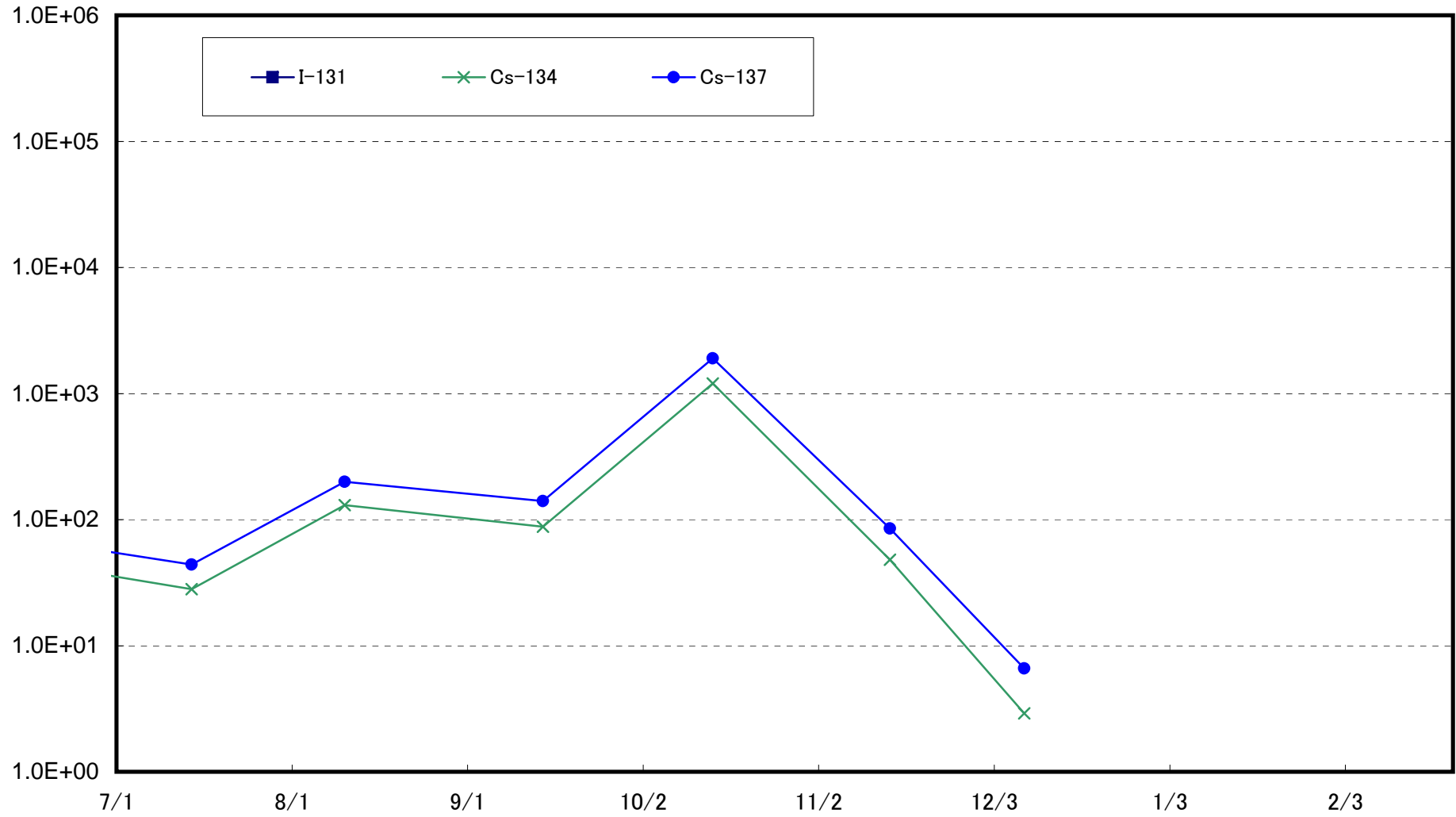
Radioactivity Density of the Marine Soil at Around 3km Offshore of Ukedo River (T-S3) (Bq/kg (dry soil))



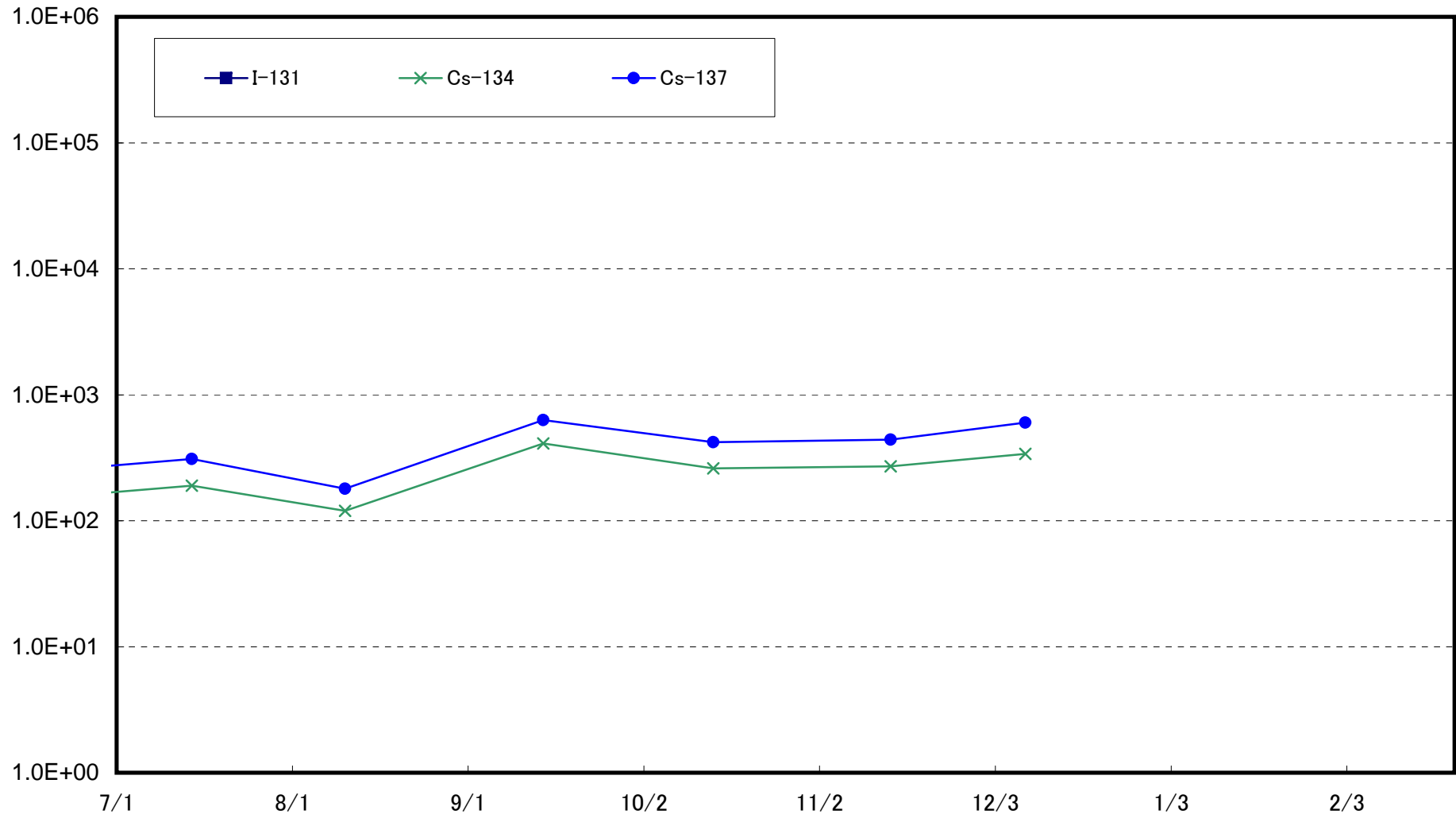
Radioactivity Density of the Marine Soil at Around 3km Offshore of 1Fr (T-S4) (Bq/kg (dry soil))



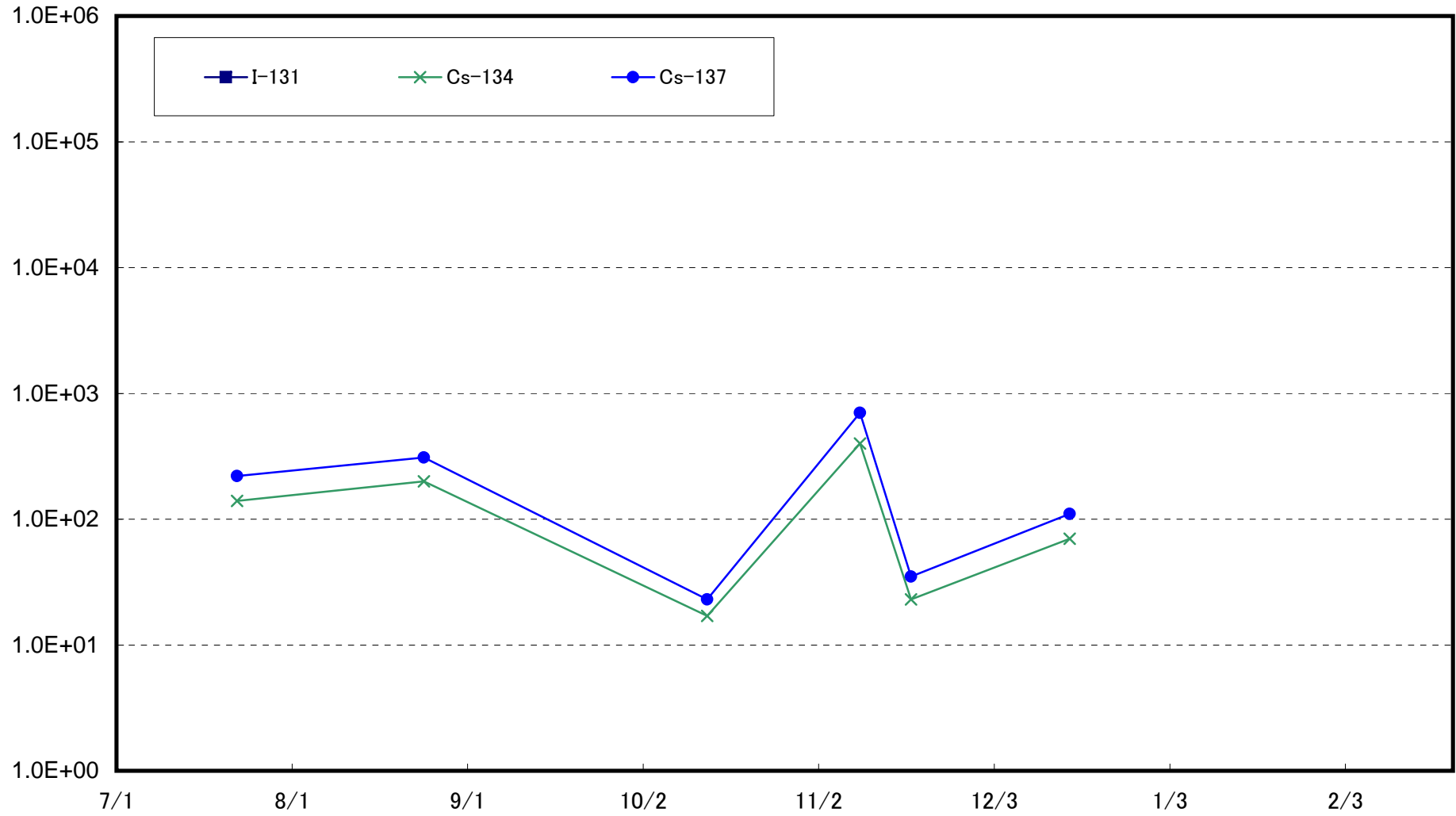
Radioactivity Density of the Marine Soil Around 2km Offshore of Kido River (T-S5) (Bq/kg (dry soil))



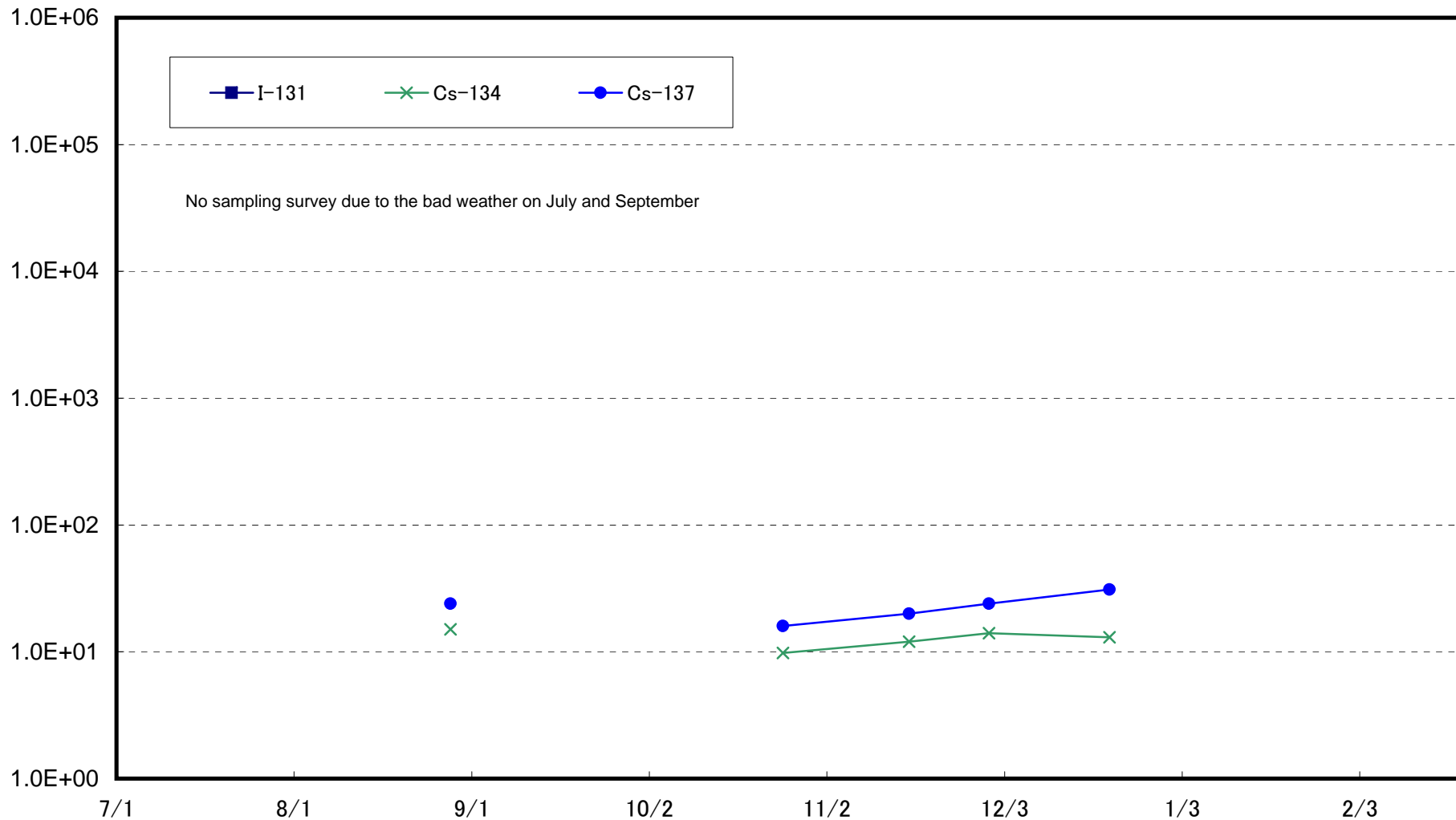
Radioactivity Density of the Marine Soil at Around 2km Offshore of 1Fr (T-S7) (Bq/kg (dry soil))



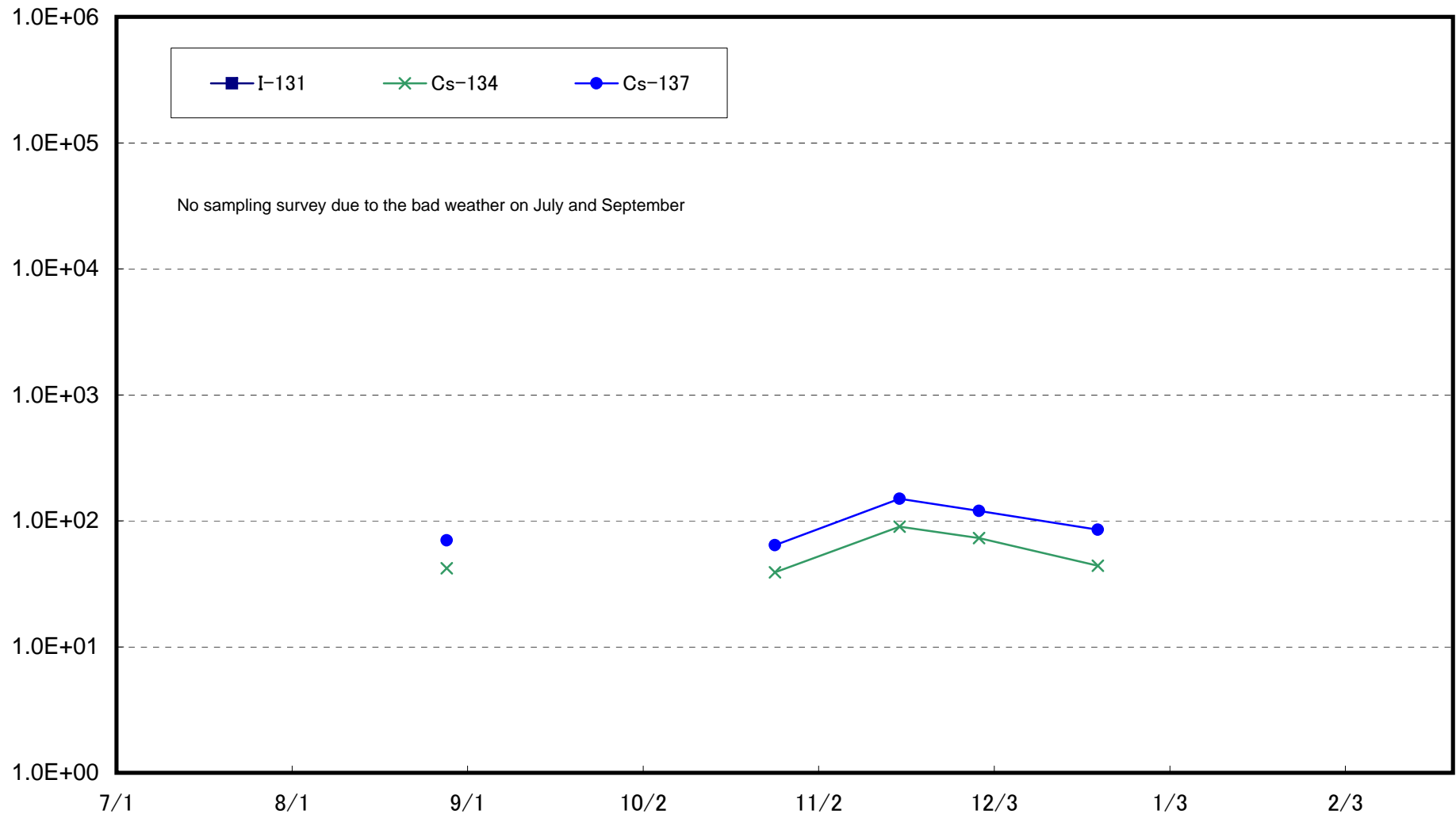
Radioactivity Density of the Marine Soil at Around 4km Offshore of Kumagawa (T-S8) (Bq/kg (dry soil))



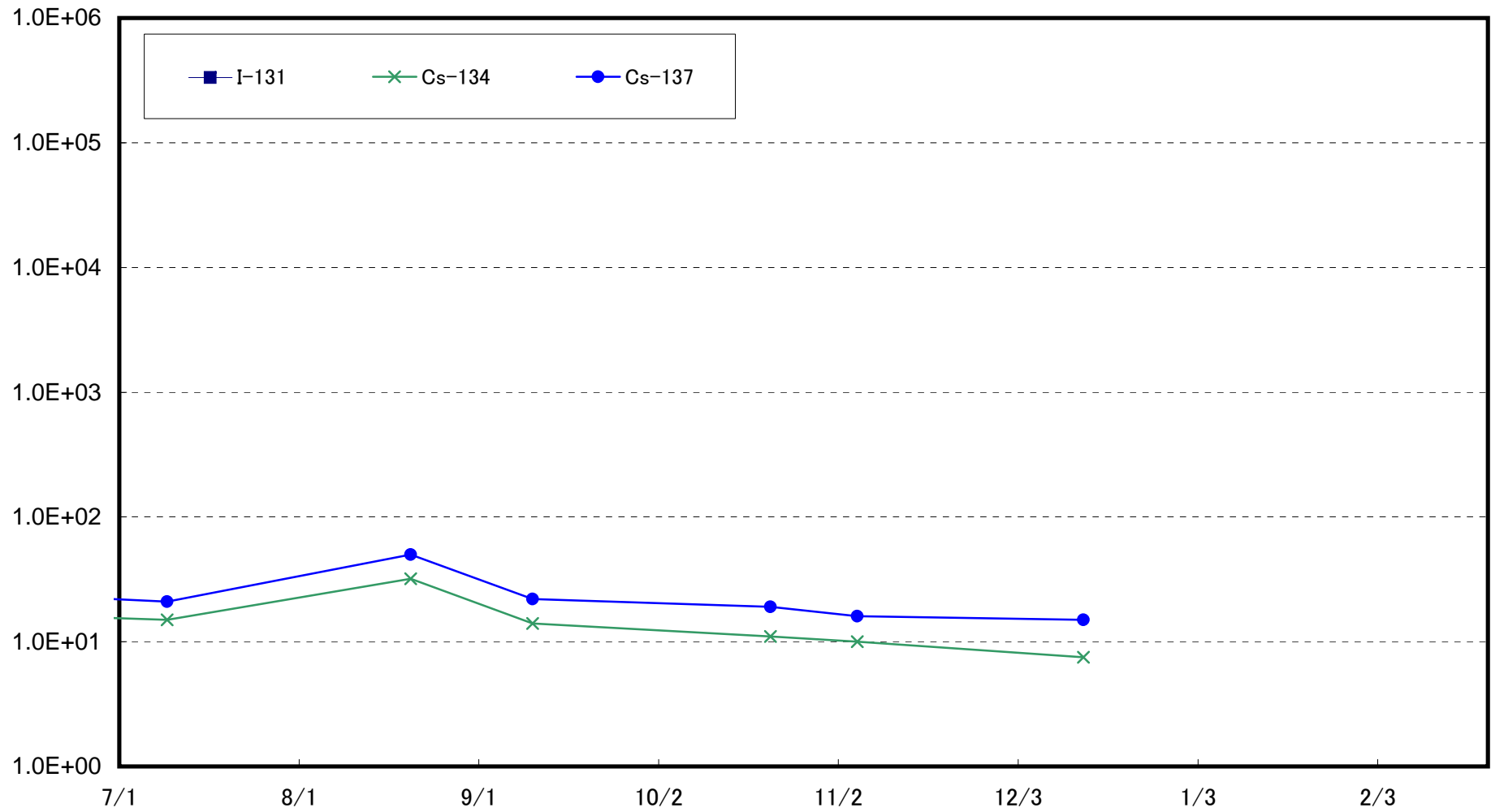
Radioactivity Density of the Marine Soil at Around 15km Offshore of Odaka Ward (T-B1) (Bq/kg (dry soil))



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))

