

Summary of Marine Soil Monitoring Result : Fukushima Daiichi Nuclear Power Station (May 2014)

	Place No.	Place of Sampling	Date of Sampling	Dry Soil Rate (%)		
					Cs-134 [Approx. 2years]	Cs-137 [Approx. 30 years]
Coast	T-1	North of Discharge Channel of 5-6U of 1F	2014/5/12 6:17 AM	100.0 ^{*1}	260	700
	T-2-1	Around South Discharge Channel of 1F ^{**1}	2014/5/12 5:30 AM	100.0 ^{*1}	96	240
	T-3	Around North Discharge Channel of 2F	2014/5/7 2:00 PM	79.3	25	77
	T-4-1	Around the North Side of Asamigawa ^{**2}	2014/5/7 4:15 PM	80.3	35	96
Within 20km Range of Fukushima Daiichi NPS	T-14	3km Offshore of Odaka Ward	2014/5/14 8:56 AM	80.4	12	27
	T-11	3km Offshore of Iwasawa Shore	2014/5/14 10:39 AM	75.7	16	48
	T-D1	3km Offshore of Ukedo River	2014/5/14 9:26 AM	73.7	31	84
	T-D5	3km Offshore of 1F	2014/5/14 10:46 AM	75.9	58	160
	T-D9	3km Offshore of 2F	2014/5/14 9:46 AM	77.0	13	44
	T-5	15km Offshore of 1F	2014/5/14 8:28 AM	75.0	29	81
	T-①	1km Offshore of Murakami, Odaka Ward	2014/5/21 9:25 AM	74.8	6.4	16
	T-②	2km Offshore of Murakami, Odaka Ward	2014/5/21 9:12 AM	71.5	9.0	24
	T-③	1km Offshore of Ukedo, Namie Town	2014/5/21 10:35 AM	70.2	170	470
	T-④	2km Offshore of Ukedo, Namie Town	2014/5/21 10:09 AM	73.6	31	84
	T-⑤	3km Offshore of Ukedo, Namie Town	2014/5/21 9:57 AM	50.1	130	380
	T-⑥	1km Offshore of Kumagawa, Okuma Town	2014/5/20 9:03 AM	74.1	160	400
	T-⑦	2km Offshore of Kumagawa, Okuma Town	2014/5/20 8:53 AM	73.8	65	180
	T-⑧	3km Offshore of Kumagawa, Okuma Town	2014/5/20 8:42 AM	73.5	31	79
	T-⑨	5km Offshore of Kumagawa, Okuma Town	2014/5/20 8:19 AM	85.5	4.0	6.7
	T-⑩	10km Offshore of Kumagawa, Okuma Town	2014/5/8 9:11 AM	80.8	5.9	20
	T-⑪	15km Offshore of Kumagawa, Okuma Town	2014/5/8 8:46 AM	74.8	32	100
	T-⑫	20km Offshore of Kumagawa, Okuma Town	2014/5/8 8:24 AM	70.1	24	66
	T-⑬	1km Offshore of Yamadahama, Naraha Town	2014/5/14 11:06 AM	69.7	70	170
	T-S1	Around 1km Offshore of Ota River	2014/5/15 5:55 AM	76.2	ND	11
	T-S2	Around 3km Offshore of Odaka Ward	2014/5/15 5:31 AM	52.0	58	180
	T-S3	Around 3km Offshore of Ukedo River	2014/5/29 6:07 AM	76.4	7.1	21
	T-S4	Around 3km Offshore of 1F	2014/5/29 5:45 AM	74.2	67	200
	T-S5	Around 2km Offshore of Kido River	2014/5/11 6:17 AM	79.2	16	45
	T-S7	Around 2km Offshore of 2F ^{**3}	2014/5/11 5:57 AM	79.1	21	61
	T-S8	Around 4km Offshore of Kumagawa ^{**4}	2014/5/17 6:27 AM	80.8	5.6	12
	T-B1	Around 15km Offshore of Odaka Ward ^{*1}	2014/5/9 7:02 AM	85.1	4.5	12
	T-B2	Around 18km Offshore of Ukedo River ^{*1}	2014/5/9 6:10 AM	81.7	21	66
T-B3	Around 10km Offshore of 1F	2014/5/19 5:45 AM	83.5	1.9	6.2	
T-B4	Around 10km Offshore of 2F	2014/5/19 6:31 AM	76.0	6.4	18	
Within 30km Range	T-13-1	1km Offshore of Nida River	2014/5/30 5:28 AM	81.7	ND	3.8
	T-7	15km Offshore of Iwasawa Shore	2014/5/26 7:44 AM	58.9	41	110
Out of 30km Range	T-18	3km Offshore of Onahama Port	2014/5/26 10:48 AM	66.7	40	120
	T-12	3km offshore of North of Iwaki City	2014/5/10 6:25 AM	74.1	10	30
	T-17-1	1km Offshore of Natsui River	2014/5/10 6:45 AM	73.4	30	78
	T-20	3km Offshore of Toyoma	2014/5/10 7:10 AM	74.9	24	61
	T-22	3km Offshore of Soma	2014/5/28 6:52 AM	80.4	5.6	12
	T-MA	5km Offshore of Kashima	2014/5/30 4:52 AM	81.4	ND	4.4
	T-M10	5km Offshore of Numanouchi	2014/5/26 9:30 AM	61.6	23	62

* Data of other nuclides is under evaluation.

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

(Cs-134: Approx. 3.3Bq/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.

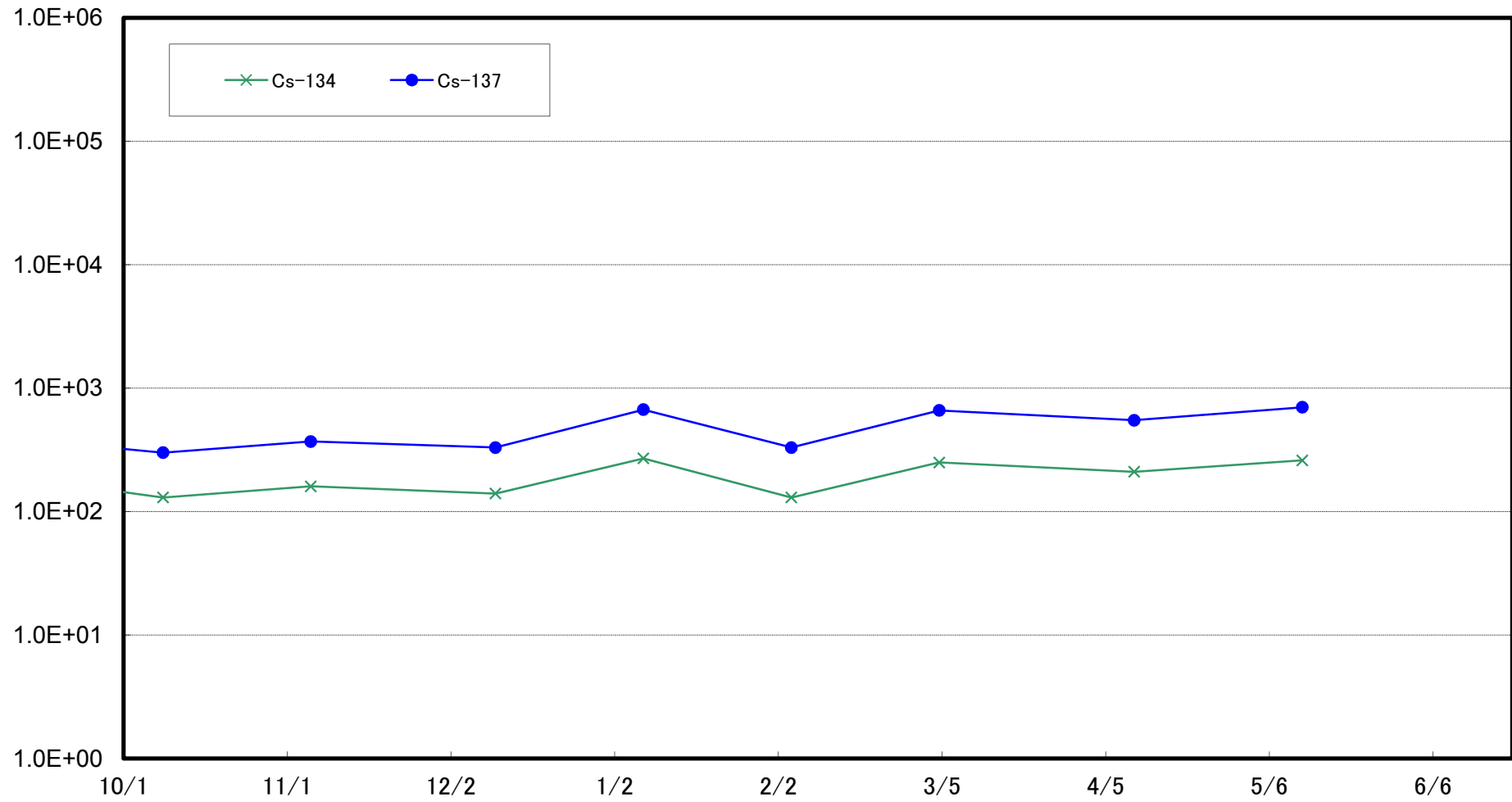
**2 Place of Sampling was changed from "T-4" to "T-4-2" from October.

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

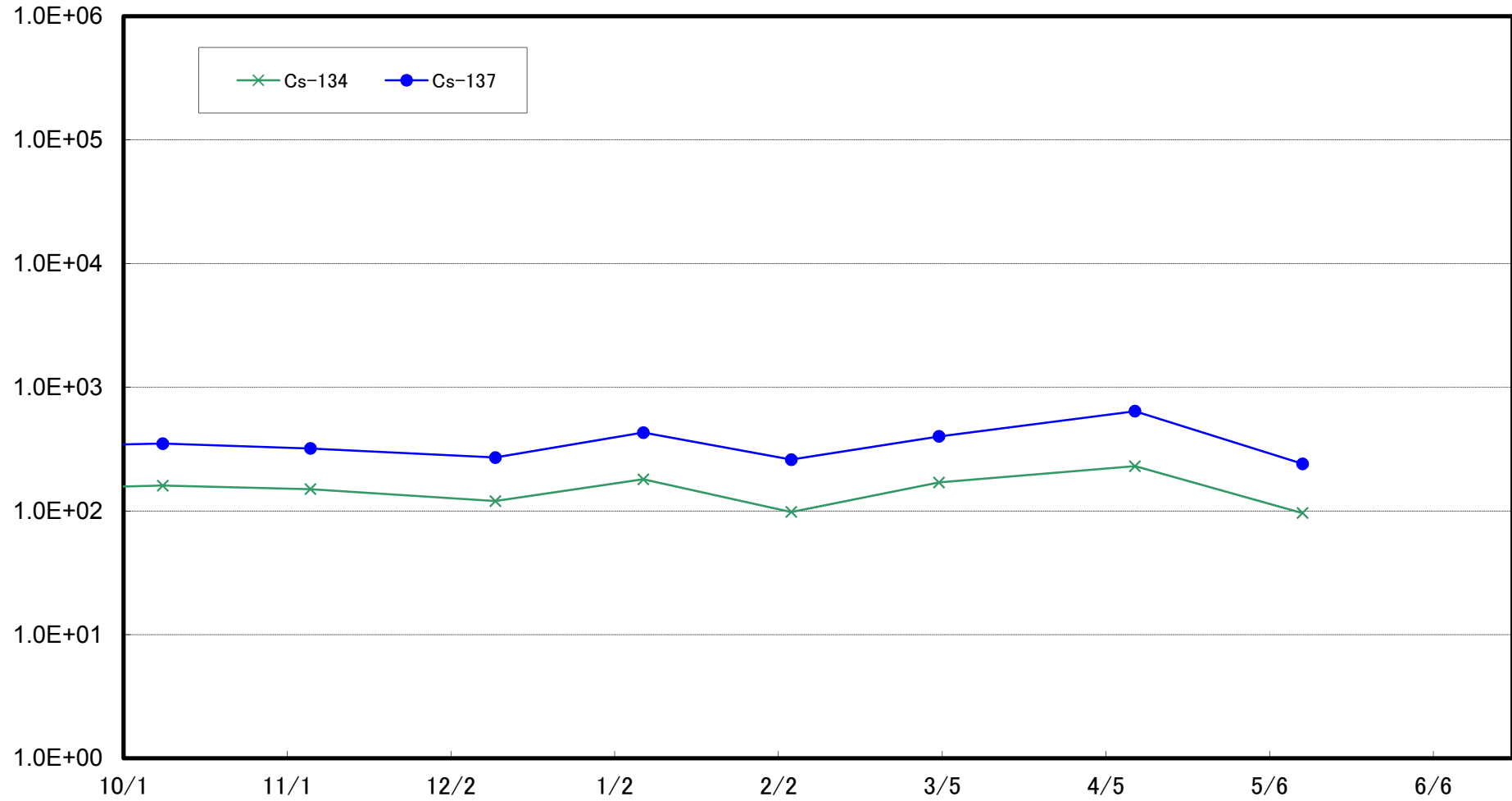
**4 "T-S8" is added from July 2012.

*1 The samples obtained at "T-1" and "T-2-1" have been measured after drying process since April 2014.

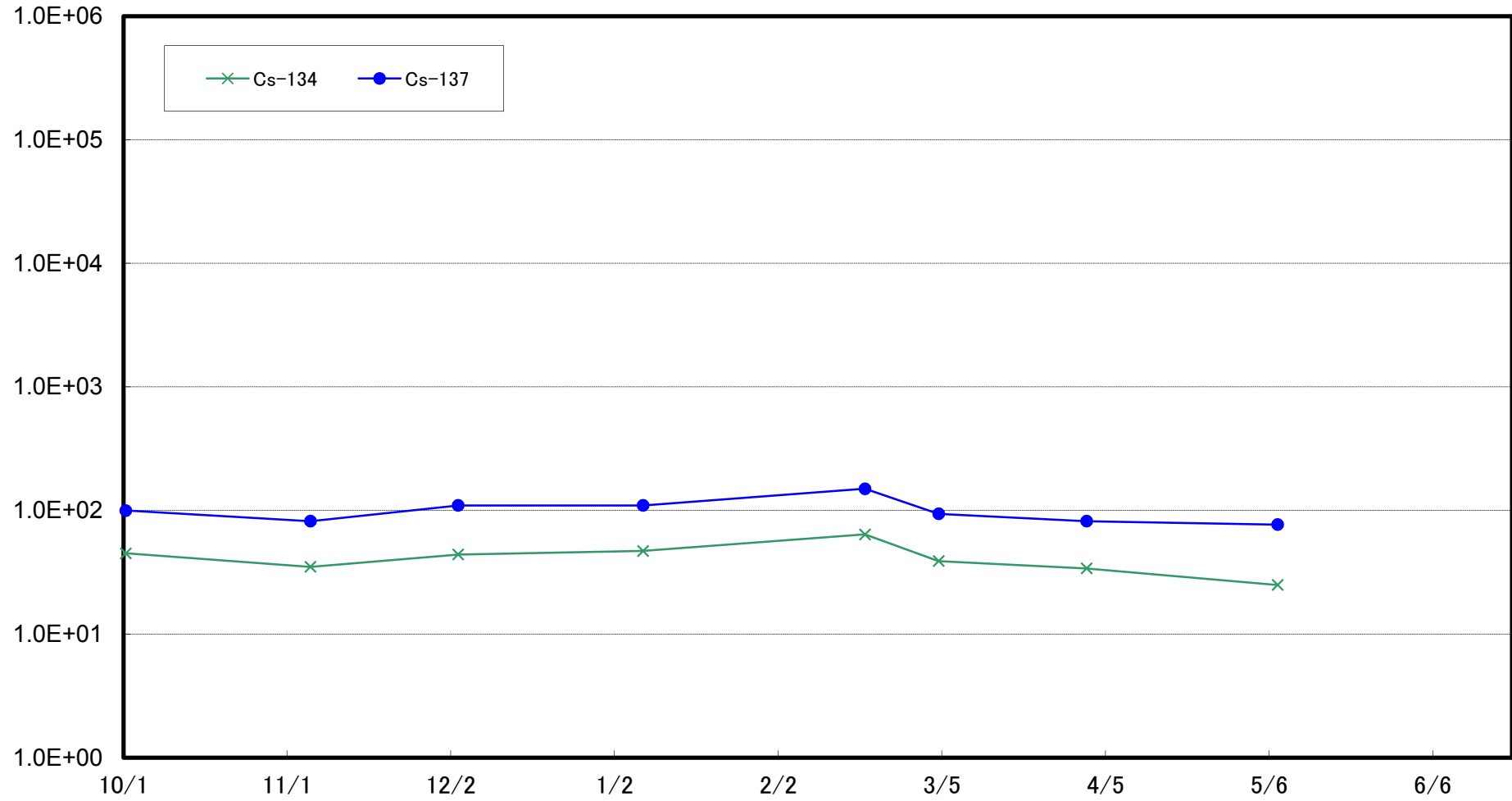
Radioactivity Density of the Marine Soil at North Discharge Channel of Fukushima Daiichi NPS
(Around 5,6U Discharge Channel) (T-1) (Bq/kg, dry soil)



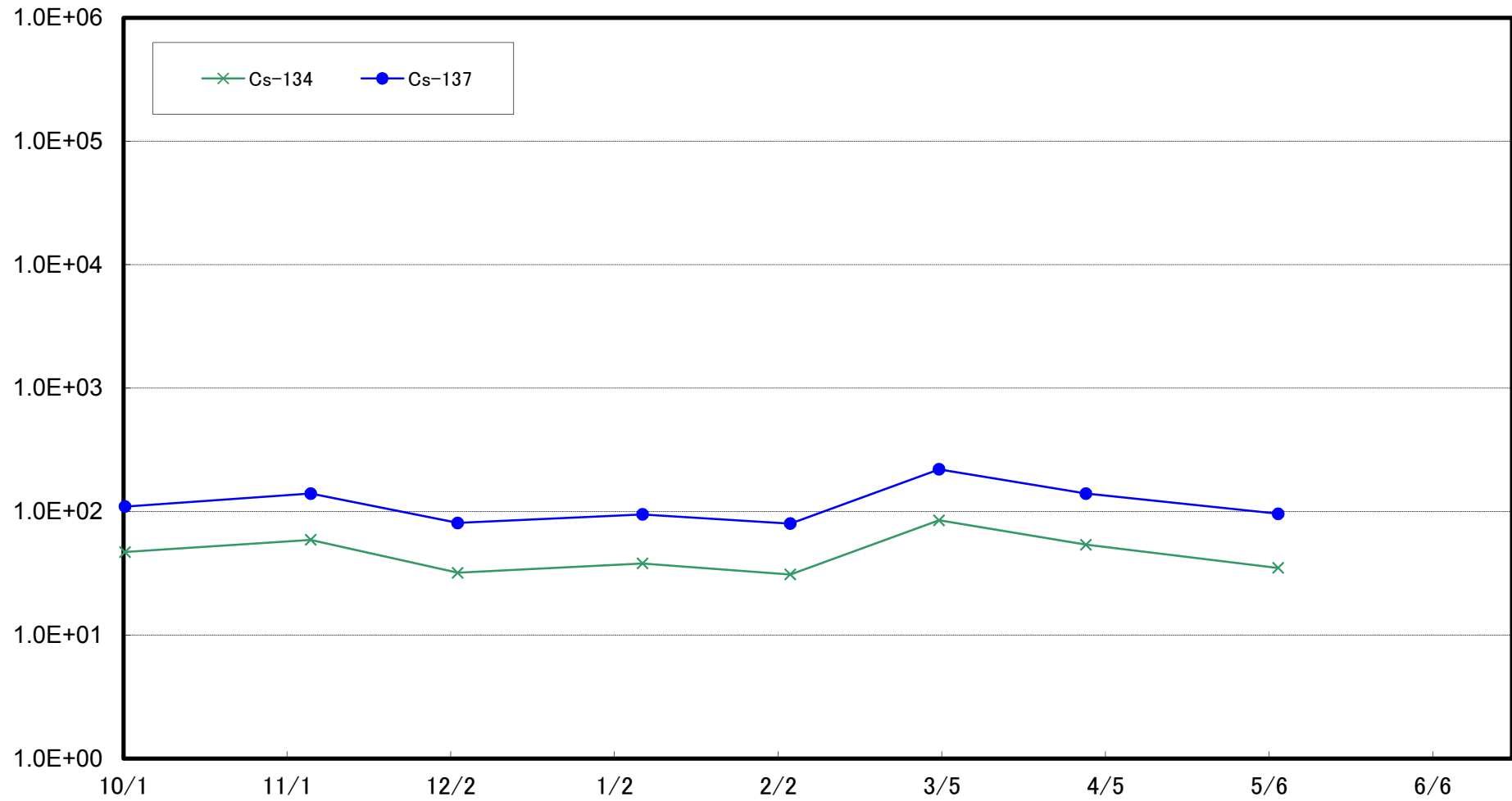
Radioactivity Density of the Marine Soil at South Discharge Channel of Fukushima Daiichi NPS
(T-2-1) (Bq/kg, dry soil)



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

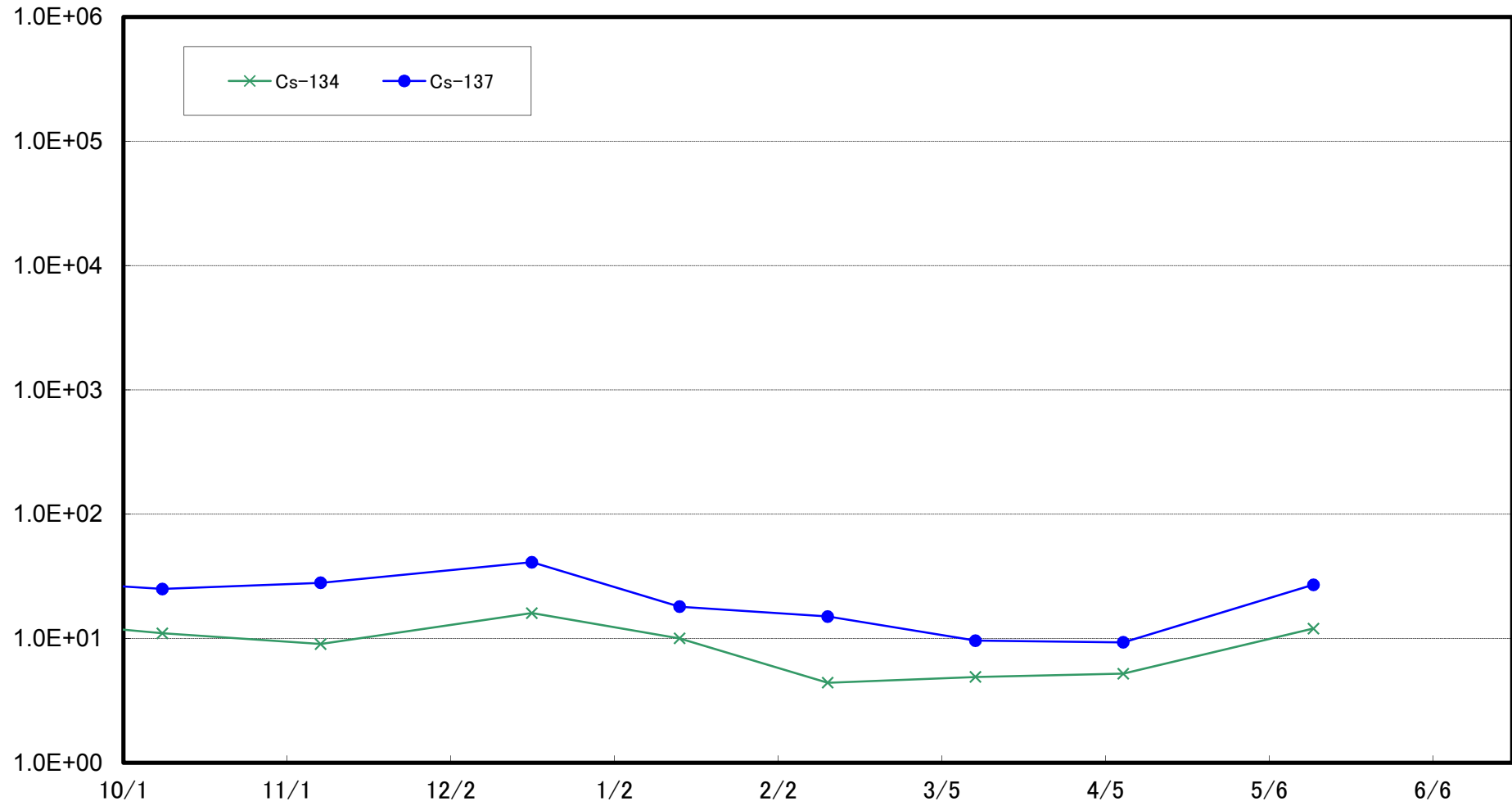


Radioactivity Density of the Marine Soil around Iwasawa Shore
(T-4) (Bq/kg, dry soil)

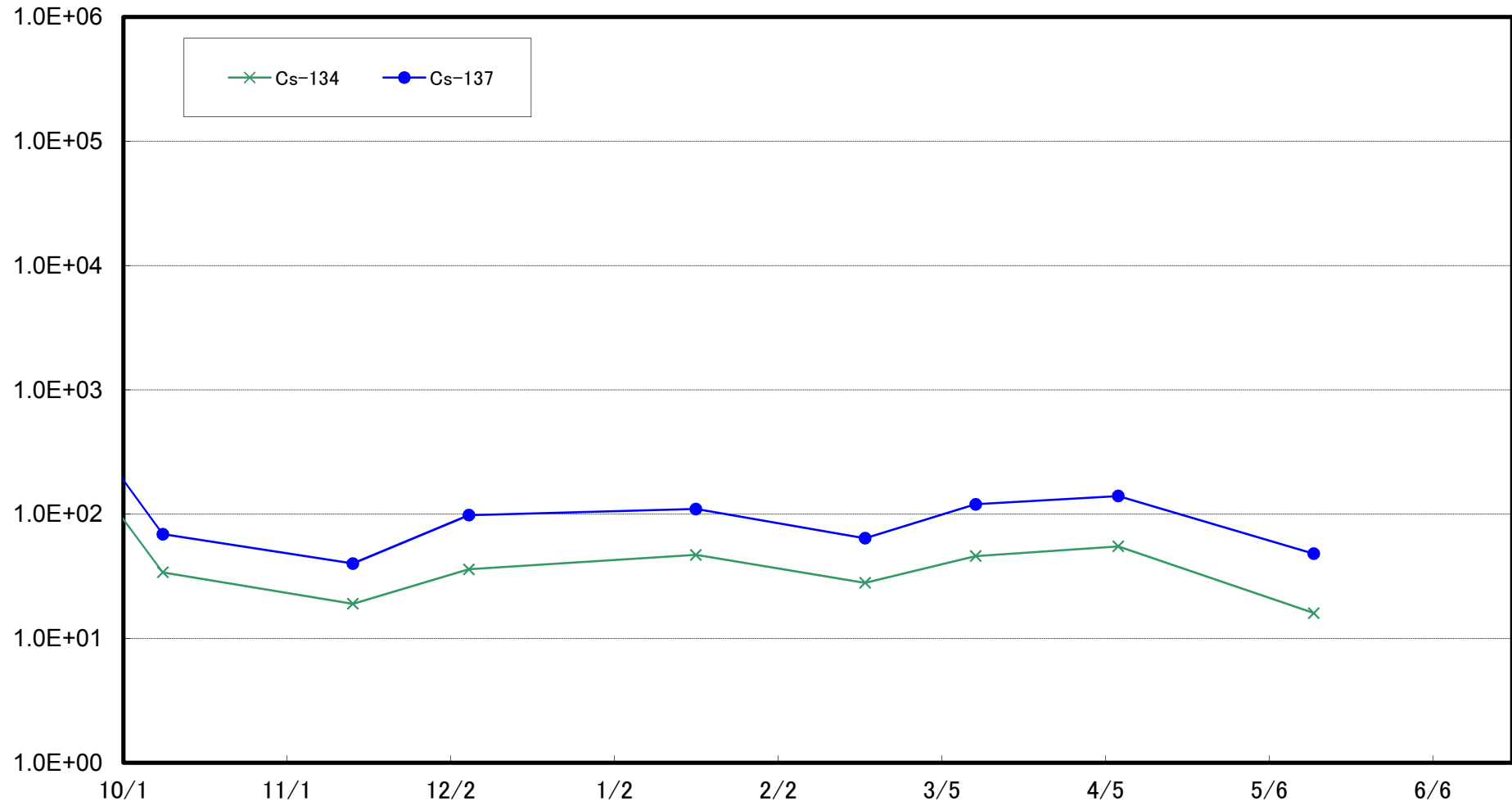


Sampling was conducted at around the south side of Kitasako River of Fukushima Daini NPS (approx. 11km south of Units 1-2 Discharge Channel) (approx. 23km of Fukushima Daiichi NPS) until October 28, 2013.

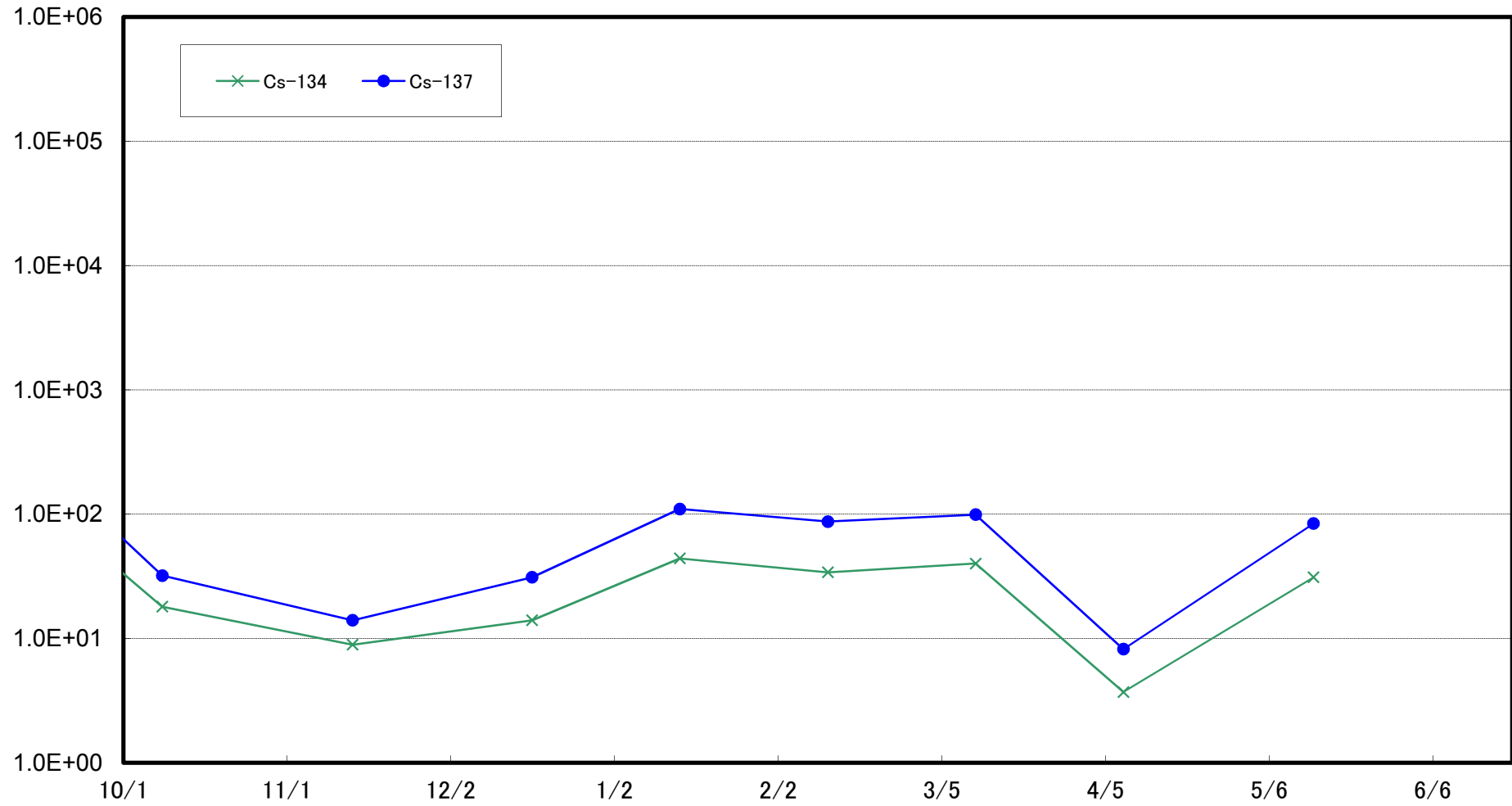
Radioactivity Density of the Marine Soil at Around 3km Offshore of Odaka Ward
(T-14) (Bq/kg , dry soil)



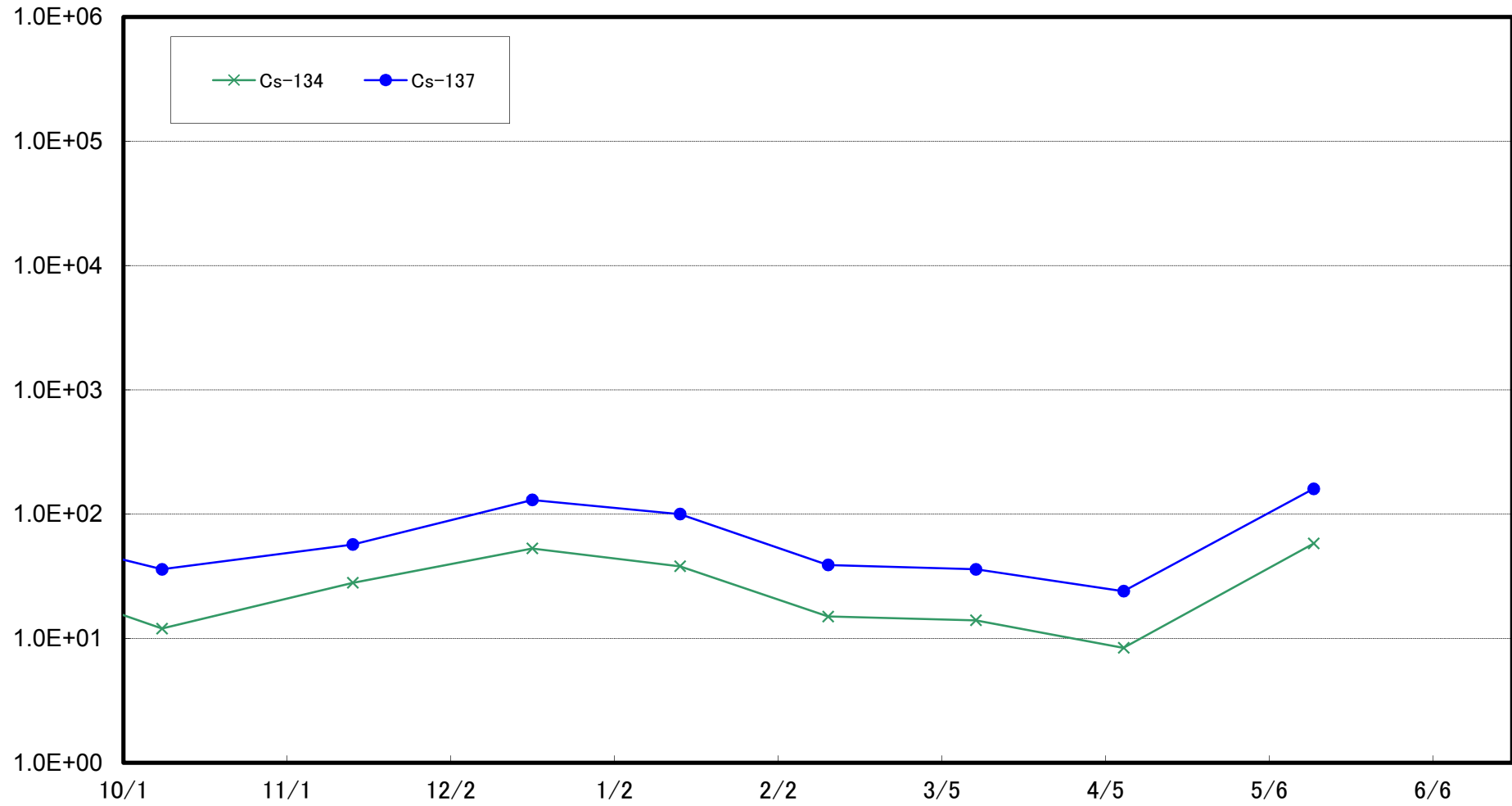
Radioactivity Density of the Marine Soil at 3km Offshore of Iwasawa Shore
(T-11) (Bq/kg, dry soil)



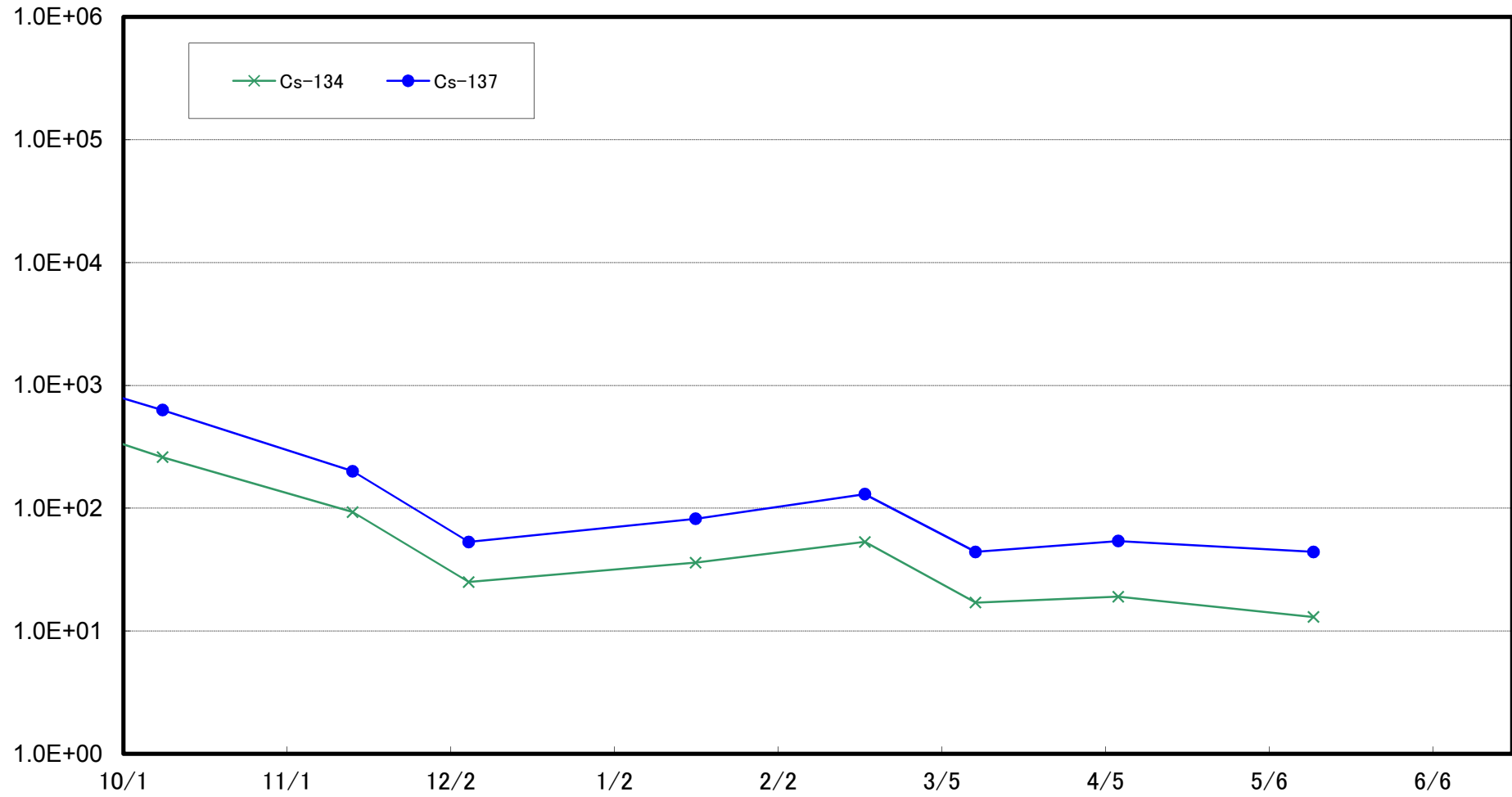
Radioactivity Density of the Marine Soil at 3km Offshore of Ukedo River
(T-D1) (Bq/kg, dry soil)



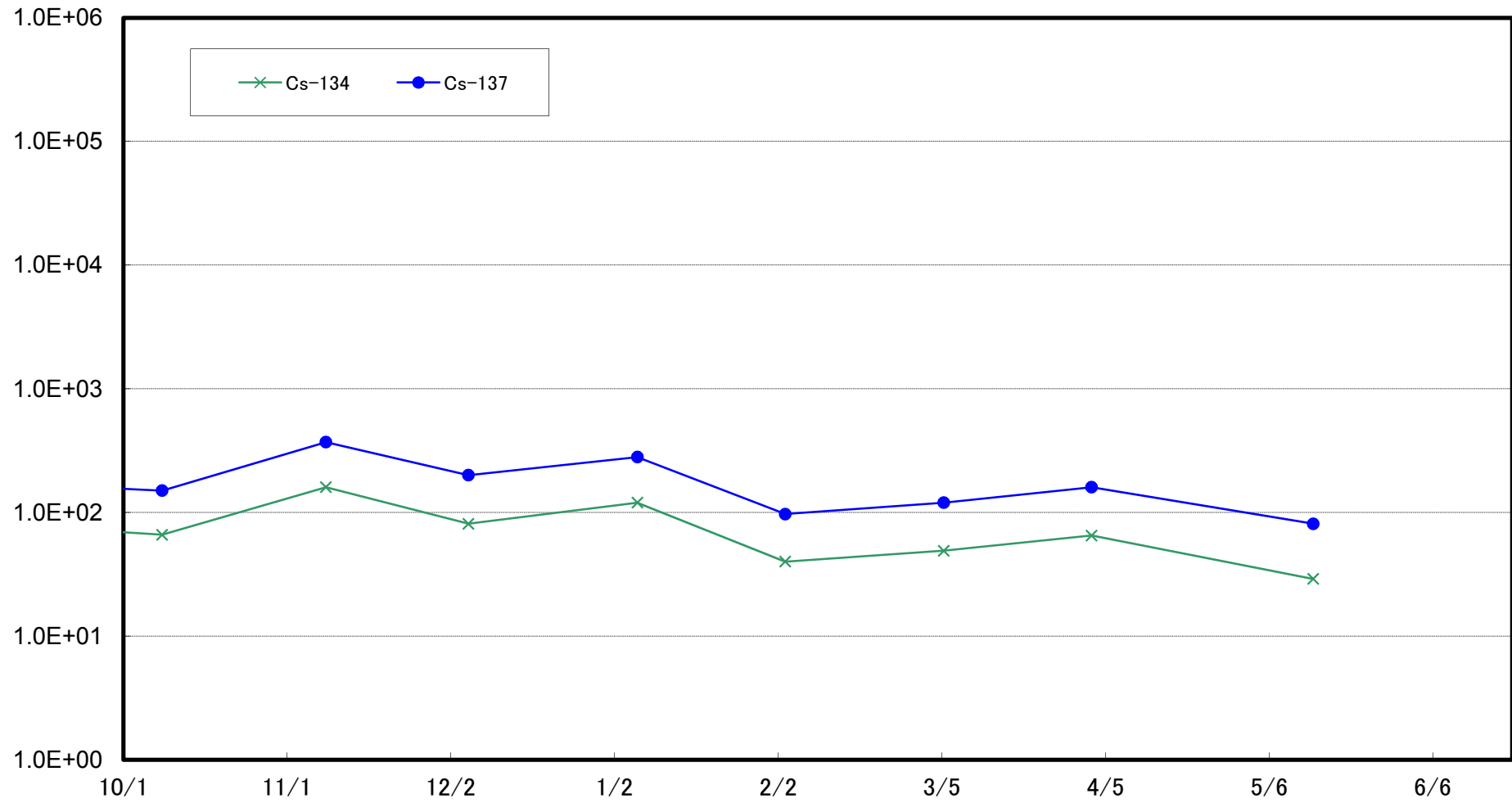
Radioactivity Density of the Marine Soil at 3km Offshore of Fukushima Daiichi NPS
(T-D5) (Bq/kg , dry soil)



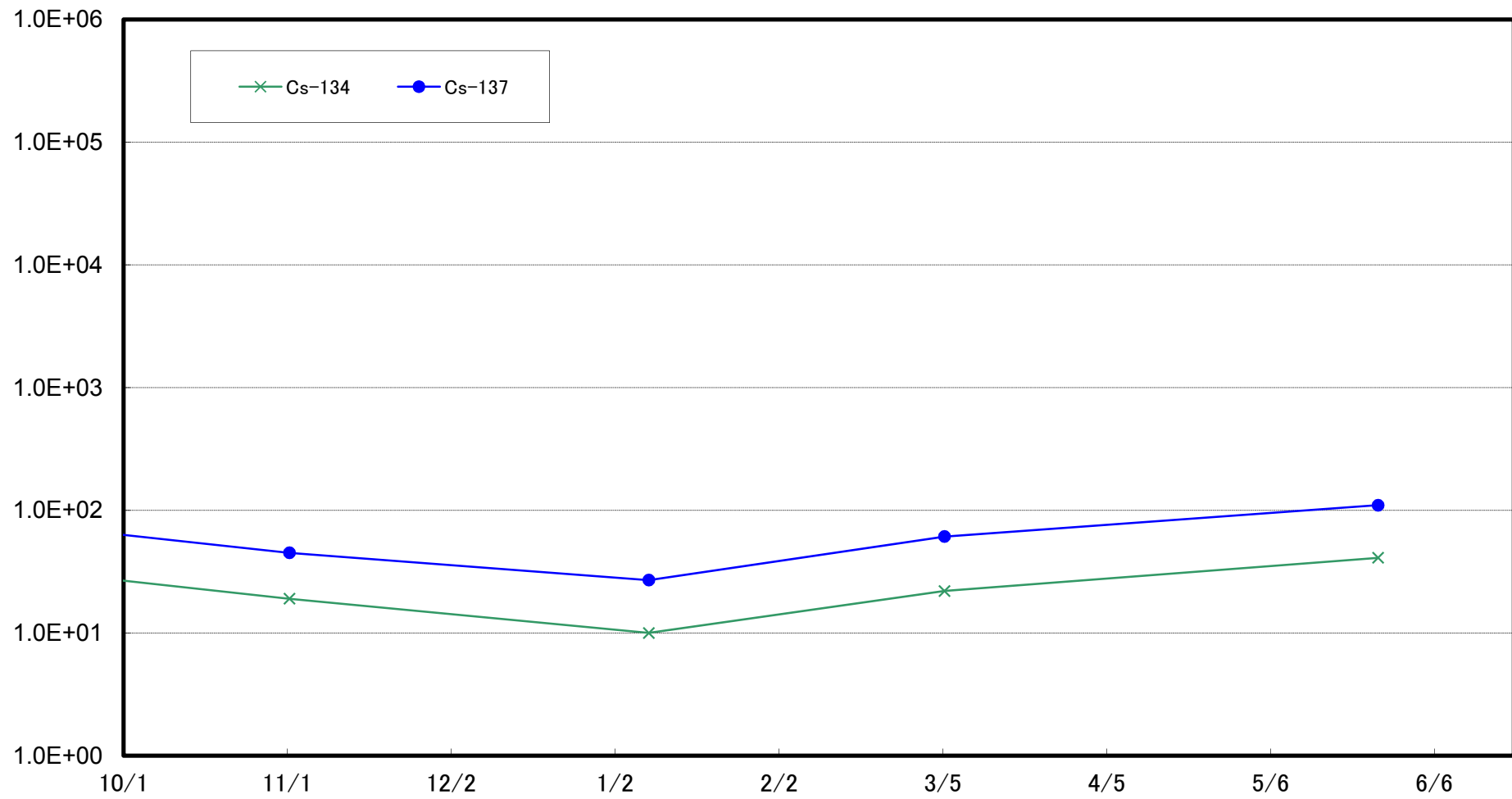
Radioactivity Density of the Marine Soil at 3km Offshore of Fukushima Daini NPS
(T-D9) (Bq/kg, dry soil)



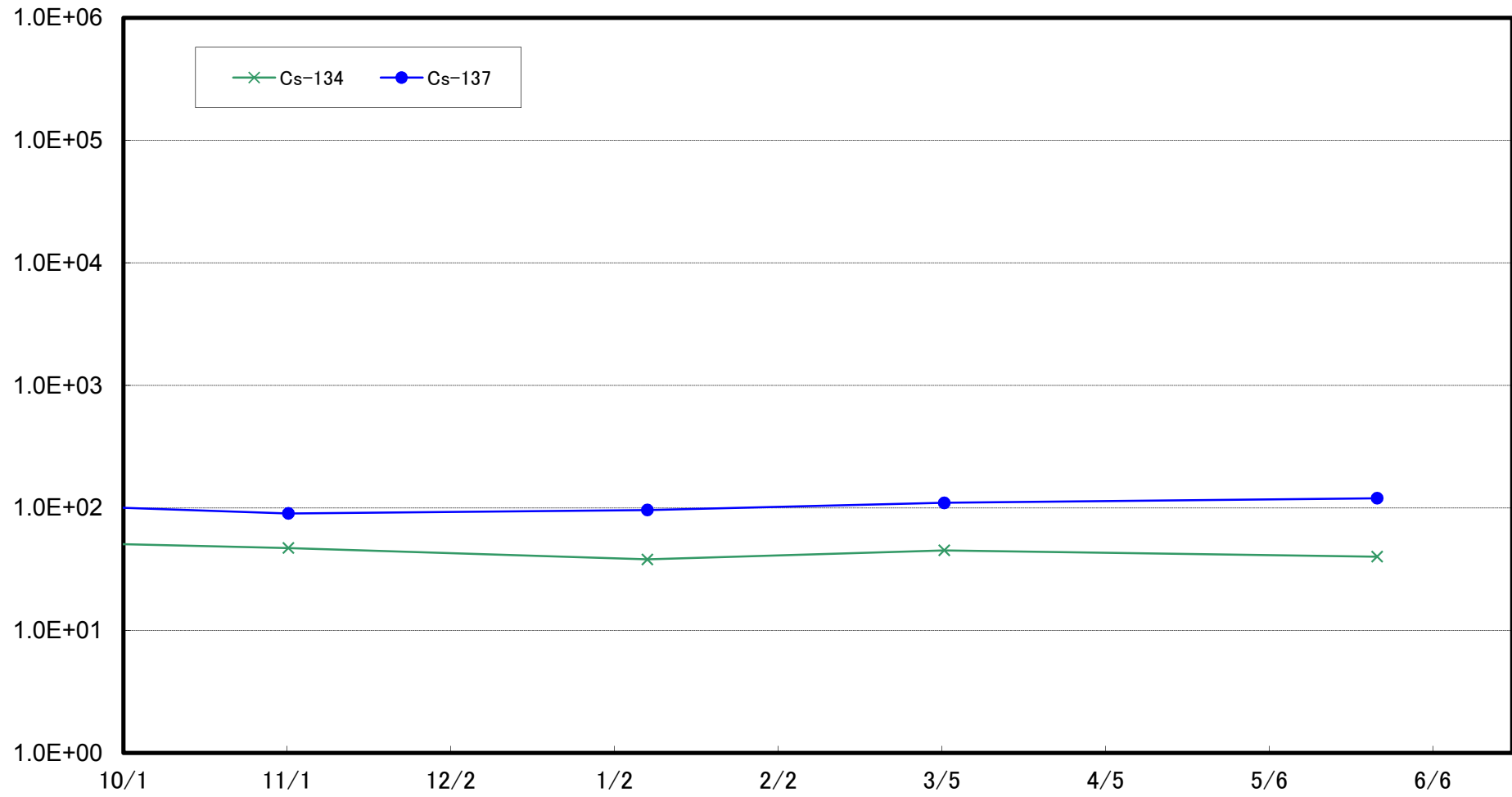
Radioactivity Density of the Marine Soil at 15km Offshore of Fukushima Daiichi NPS
(T-5) (Bq/kg, dry soil)



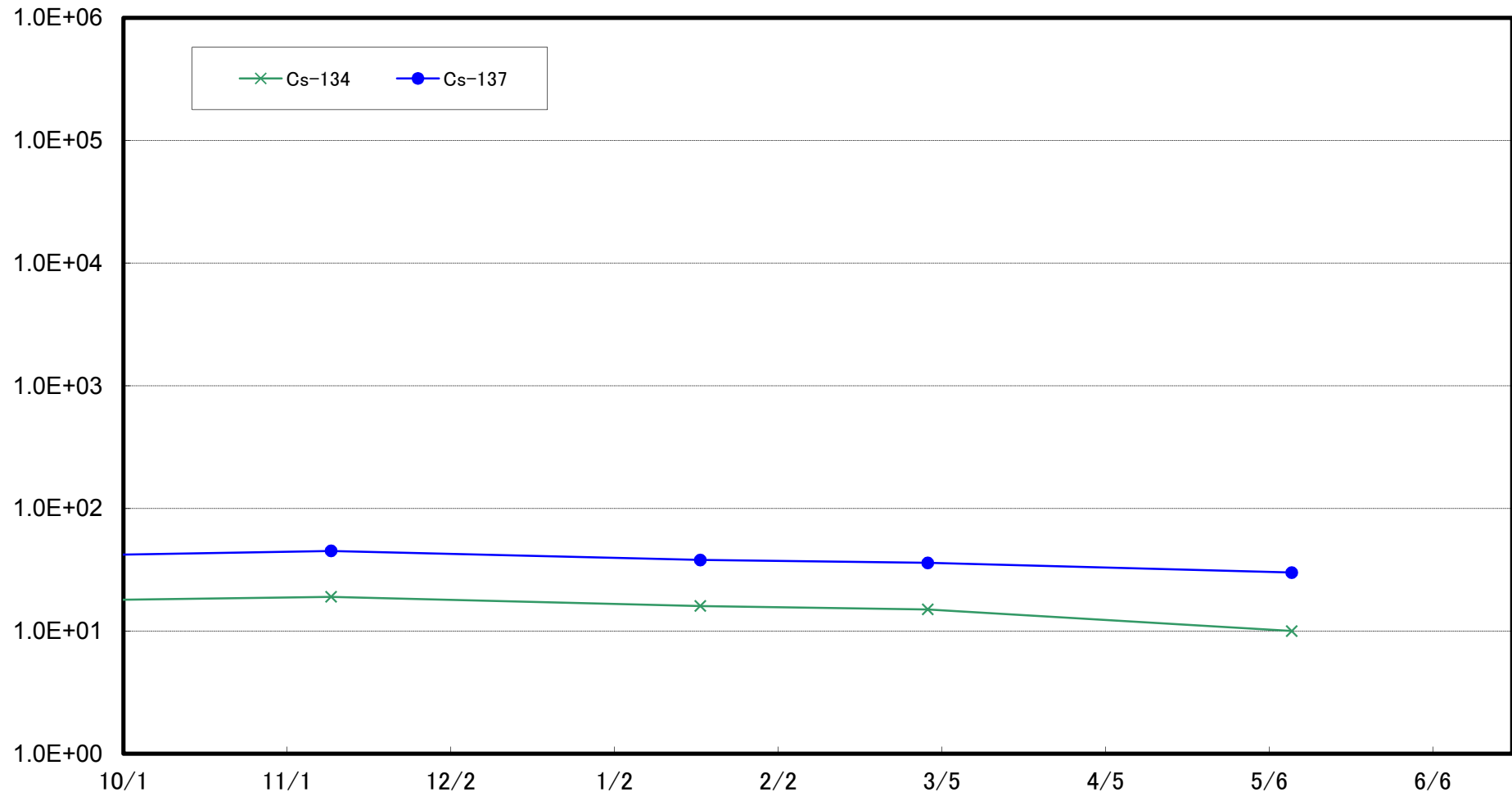
Radioactivity Density of the Marine Soil at 15km Offshore of Iwasawa Shore (T-7) (Bq/kg (dry soil))



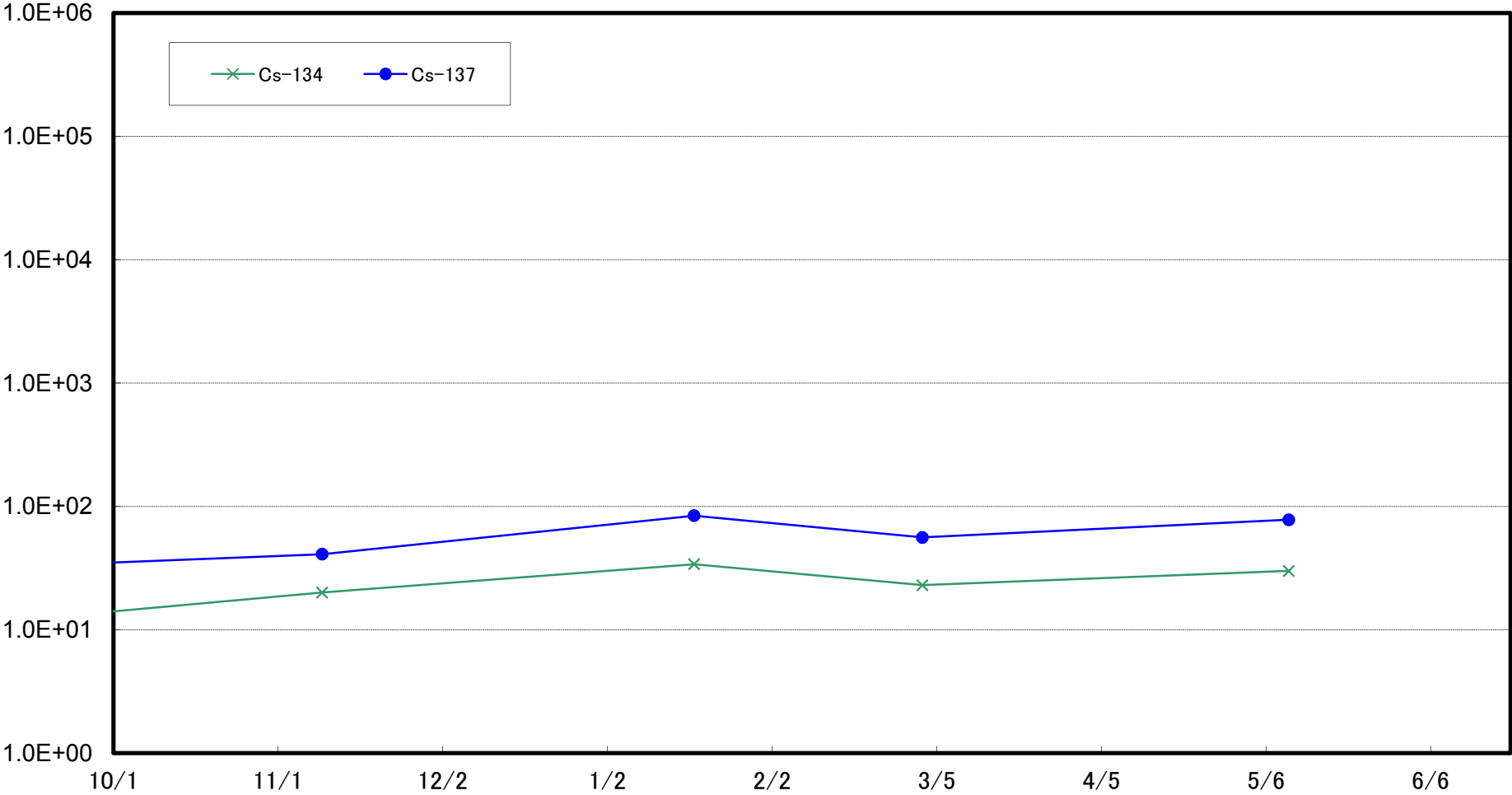
Radioactivity Density of the Marine Soil at 3km Offshore of Onahama Port (T-18) (Bq/kg (dry soil))



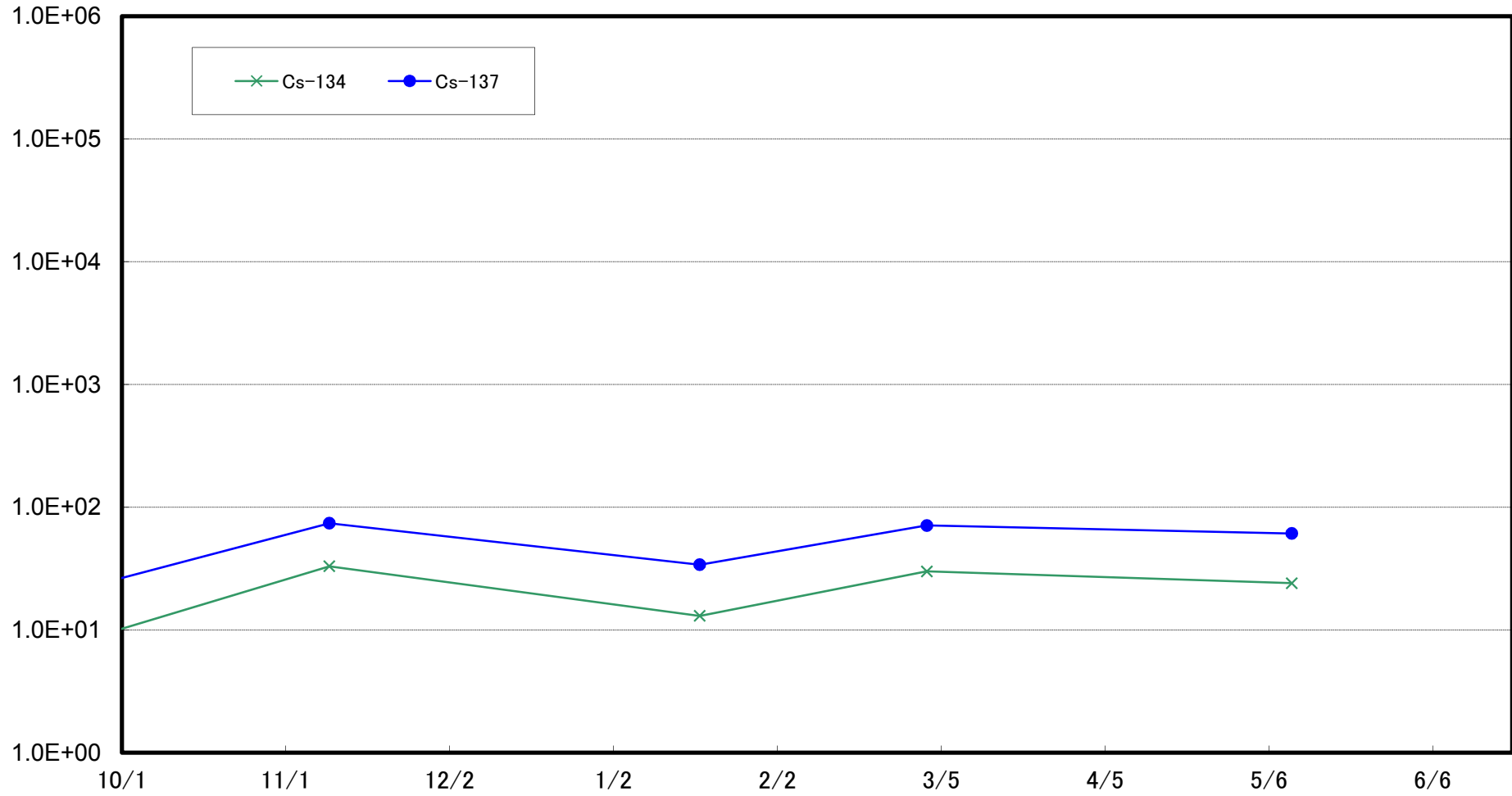
Radioactivity Density of the Marine Soil at 3km offshore of North of Iwaki City (T-12) (Bq/kg (dry soil))



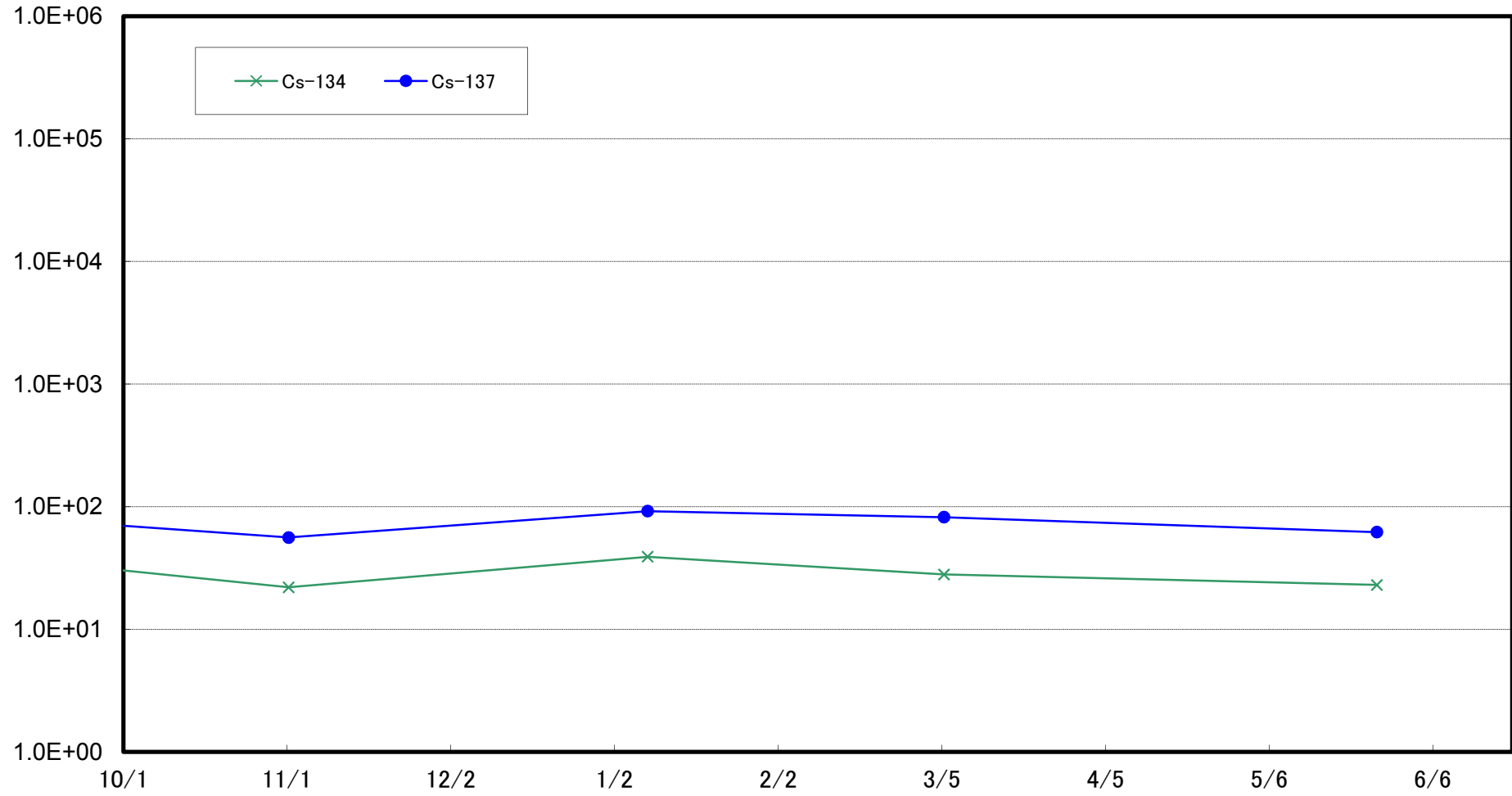
Radioactivity Density of the Marine Soil at 1km Offshore of Natsui River (T-17-1) (Bq/kg (dry soil))



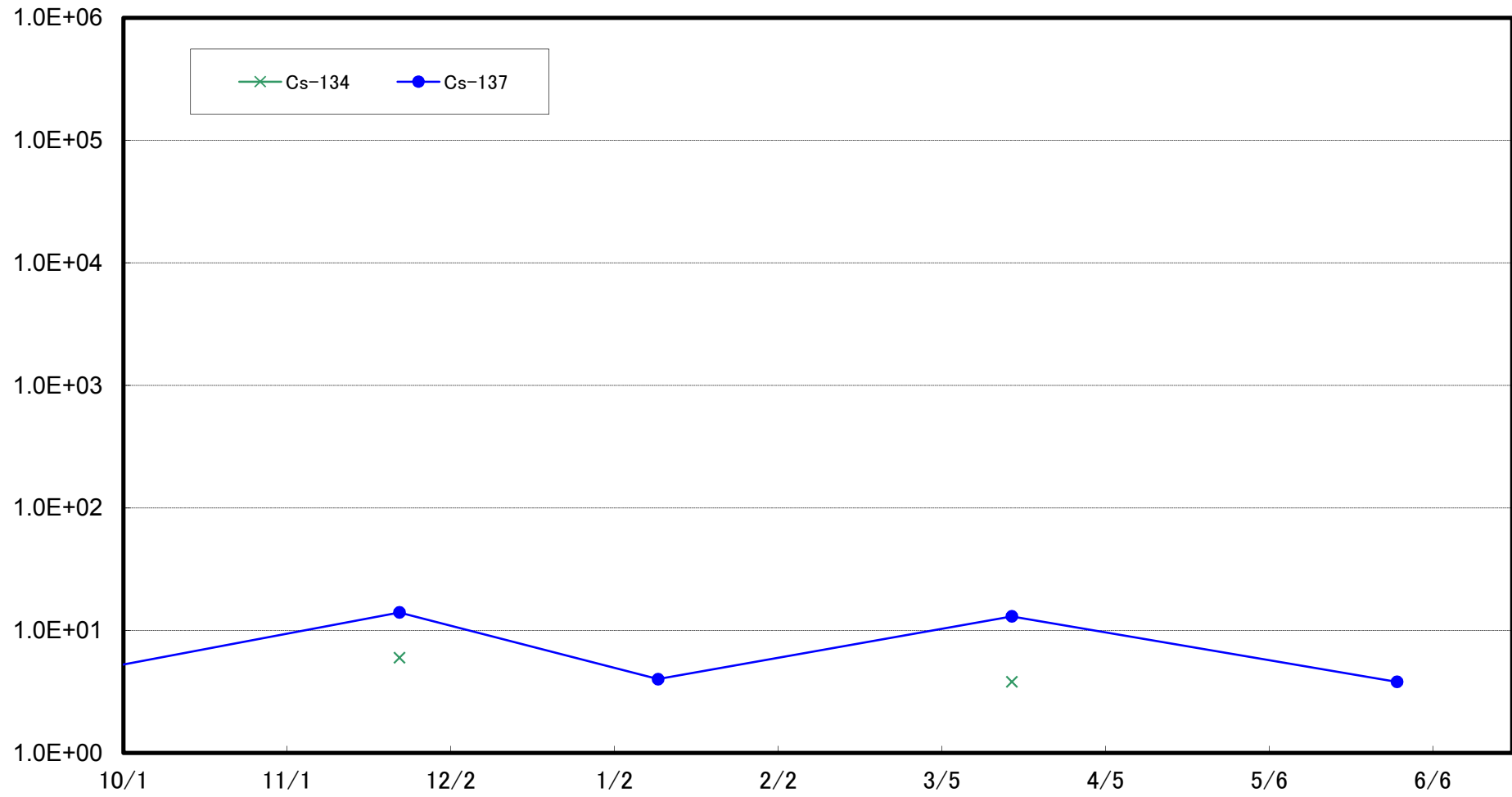
Radioactivity Density of the Marine Soil at 3km Offshore of Toyoma (T-20) (Bq/kg (dry soil))



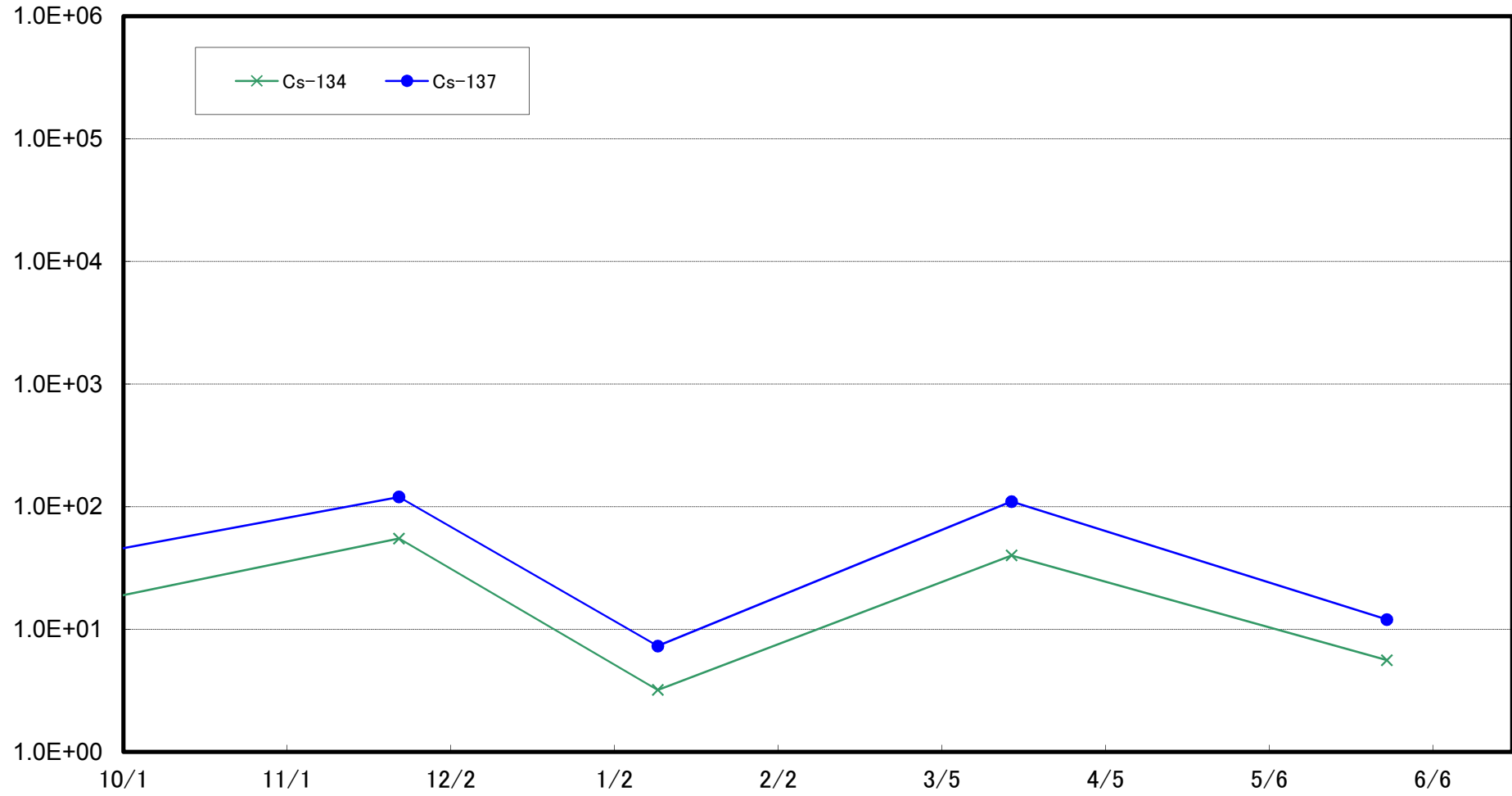
Radioactivity Density of the Marine Soil at 5km Offshore of Numanouchi (T-M10) (Bq/kg (dry soil))



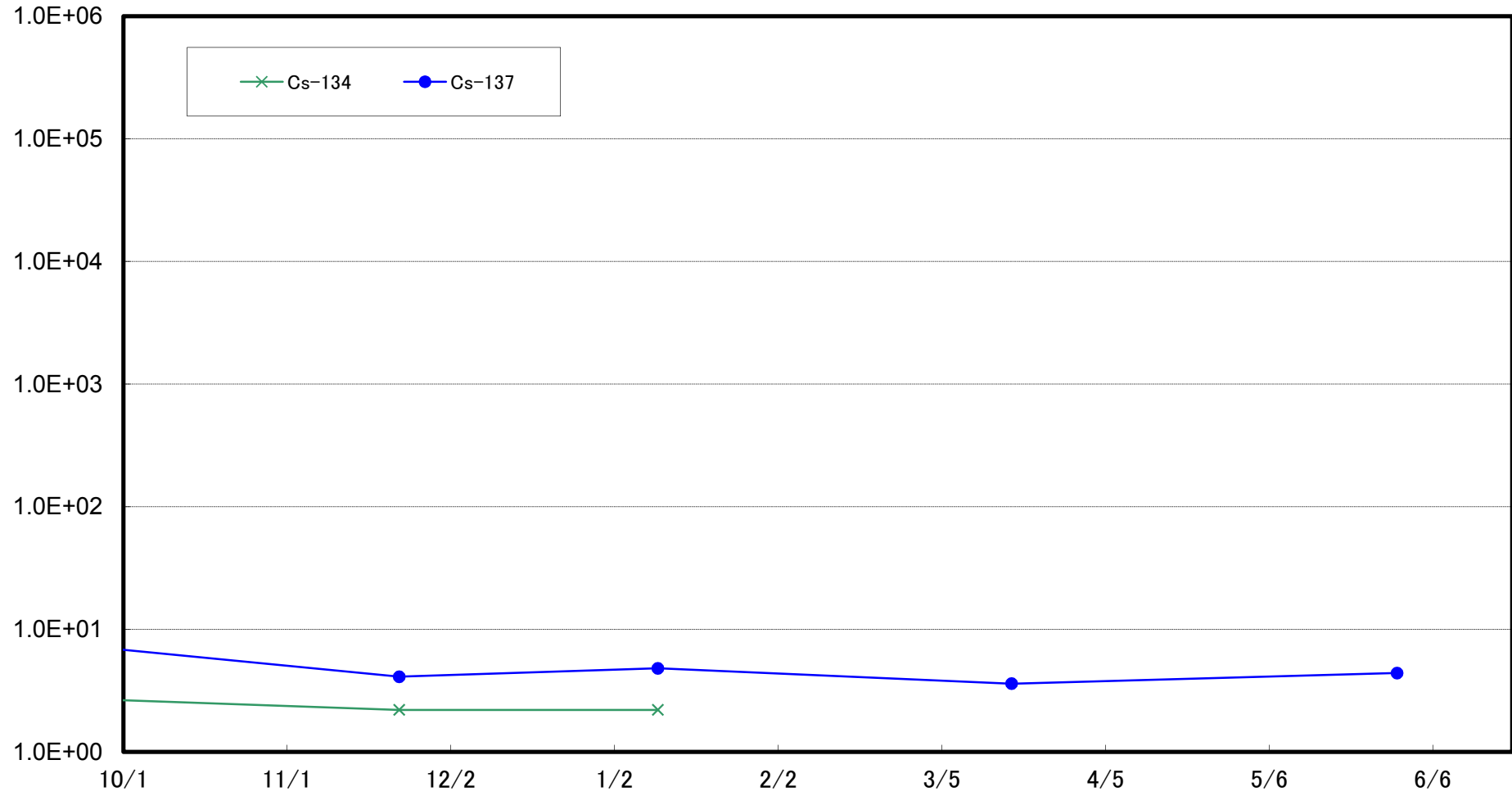
Radioactivity Density of the Marine Soil at 1km Offshore of Nida River (T-13-1) (Bq/kg (dry soil))



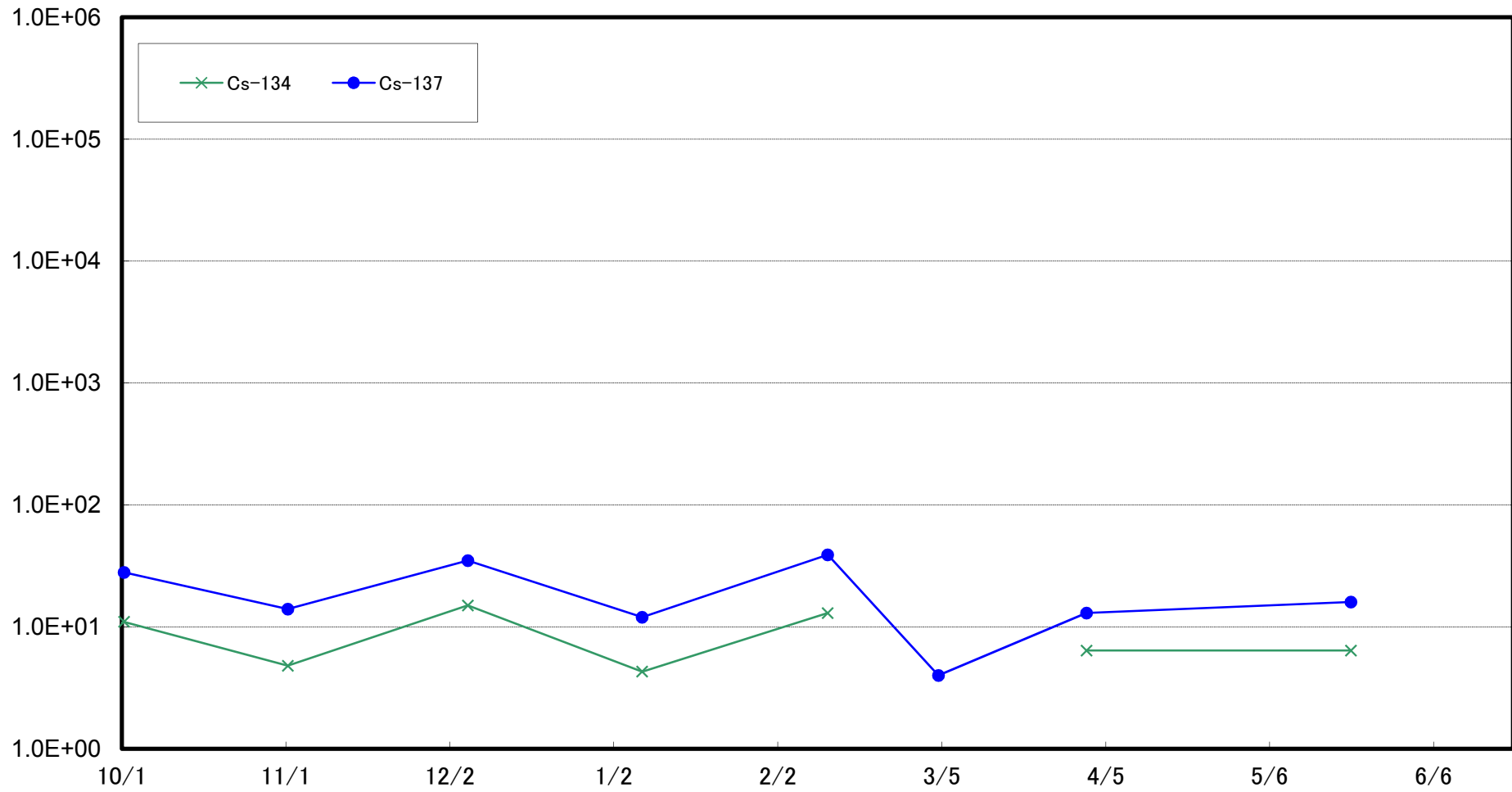
Radioactivity Density of the Marine Soil at 3km Offshore of Soma (T-22) (Bq/kg (dry soil))



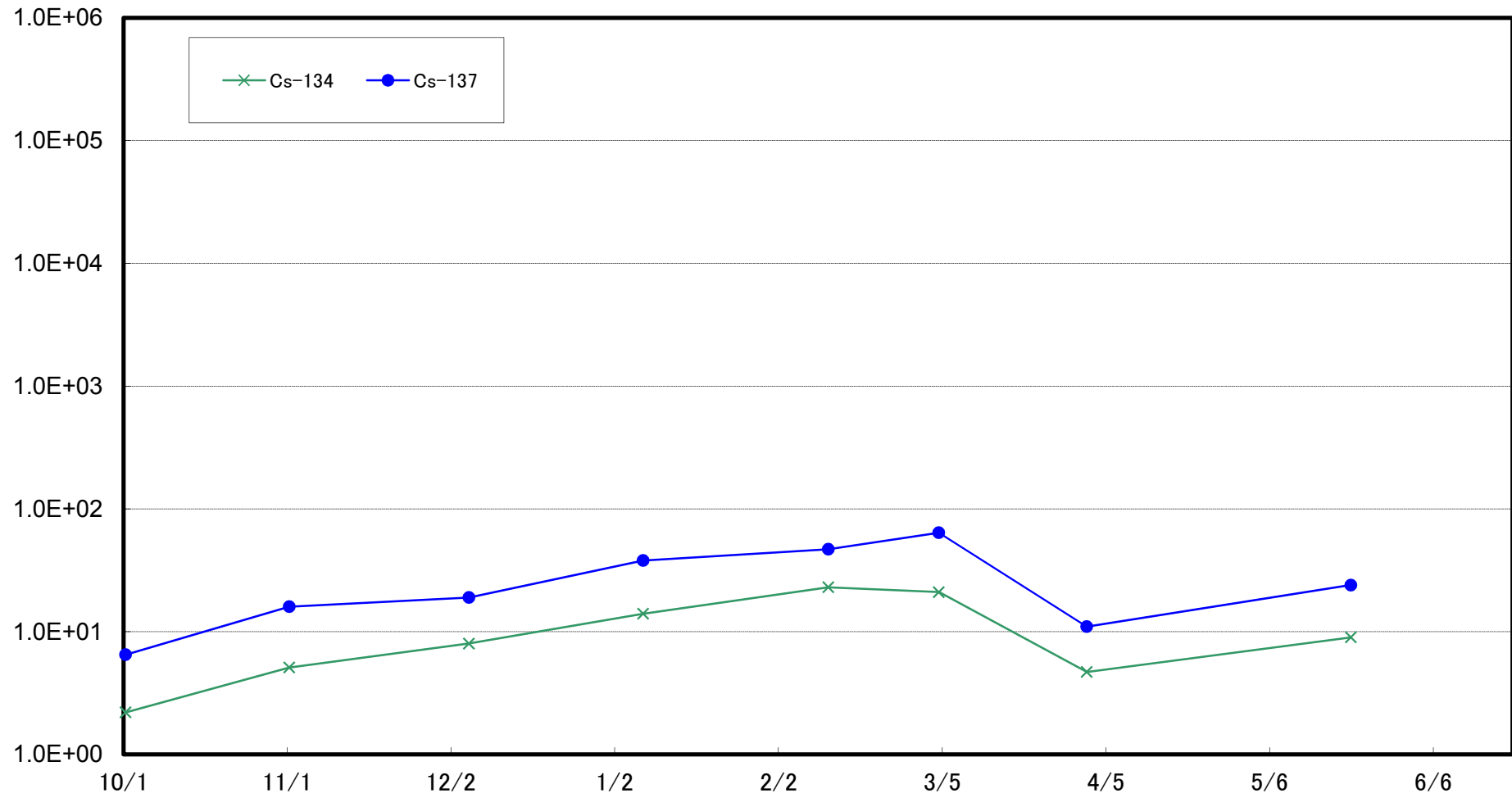
Radioactivity Density of the Marine Soil at 5km Offshore of Kashima (T-MA) (Bq/kg (dry soil))



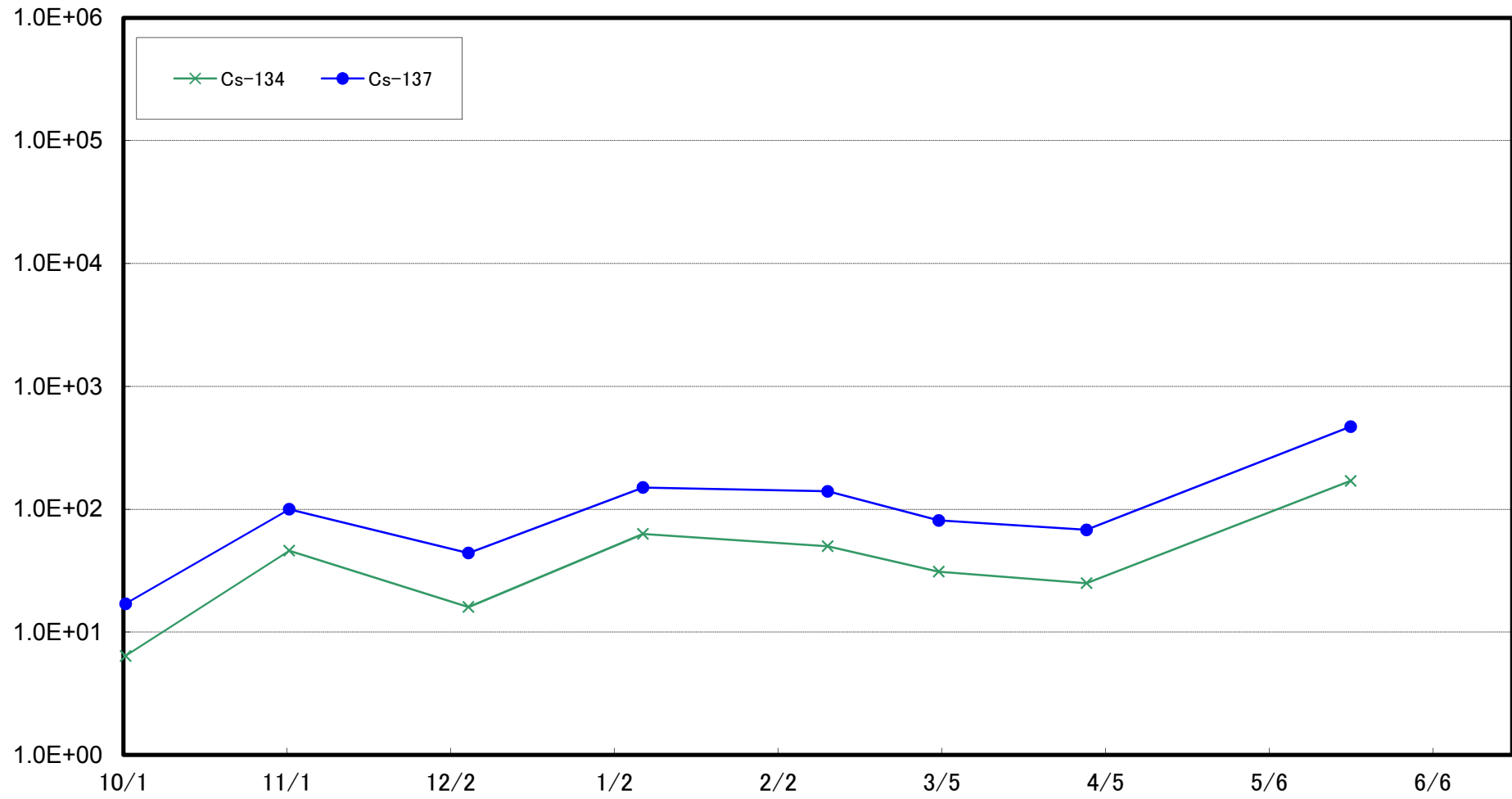
Radioactivity Density of the Marine Soil at 1km Offshore of Murakami, Odaka Ward (T-①) (Bq/kg (dry soil))



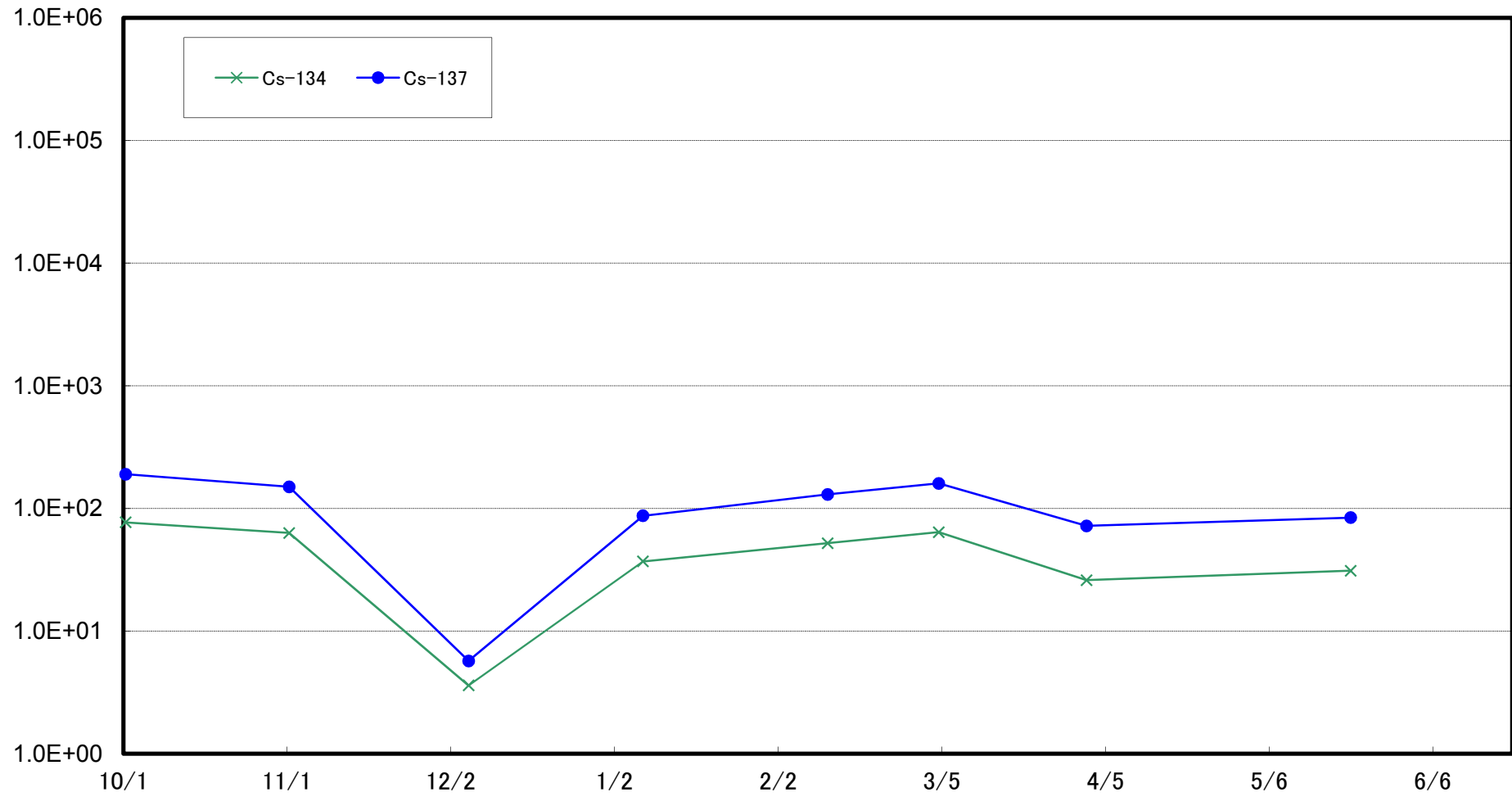
Radioactivity Density of the Marine Soil at 2km Offshore of Murakami, Odaka Ward (T-②) (Bq/kg (dry soil))



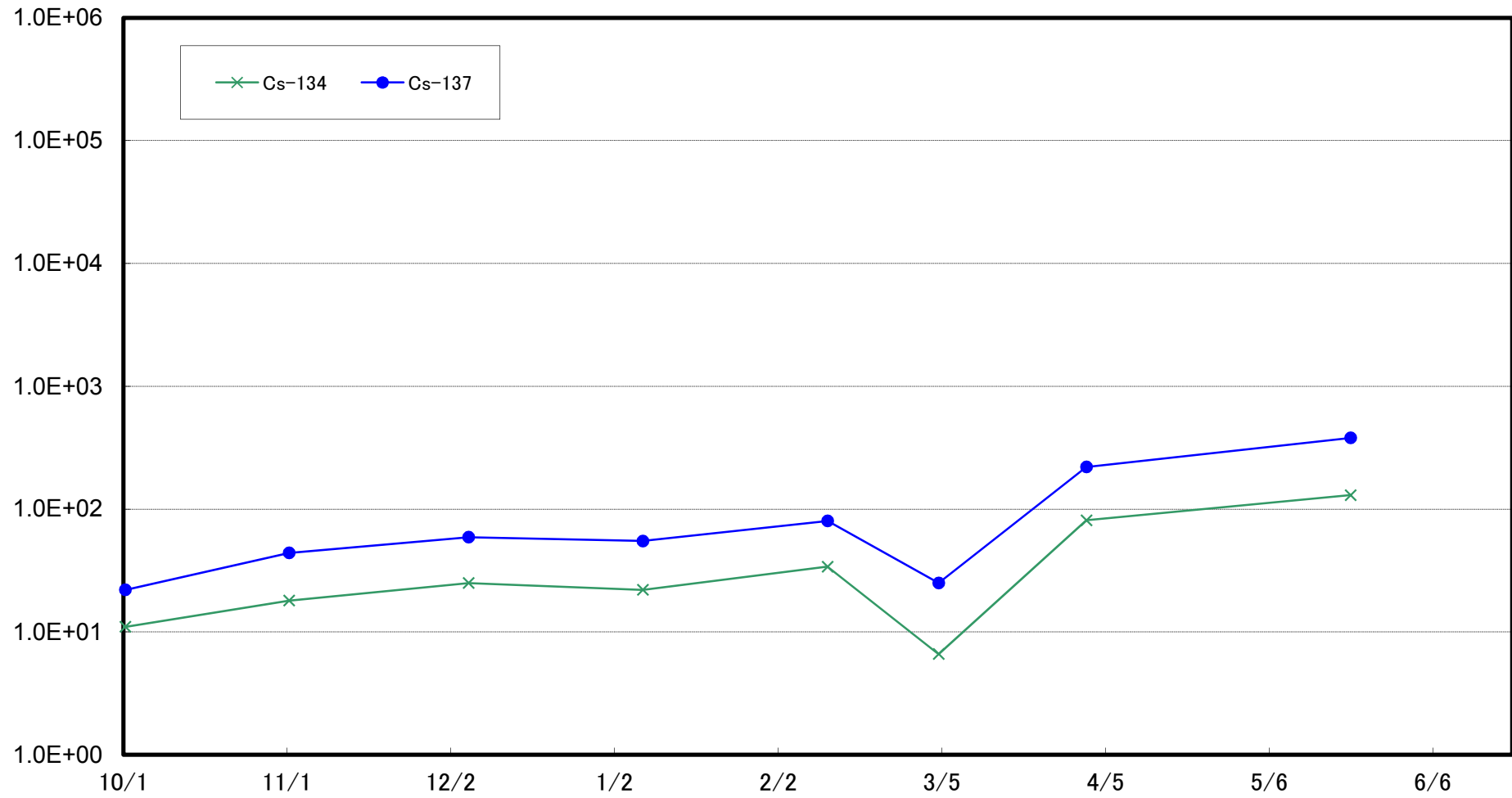
Radioactivity Density of the Marine Soil at 1km Offshore of Ukedo, Namie Town (T-③) (Bq/kg (dry soil))



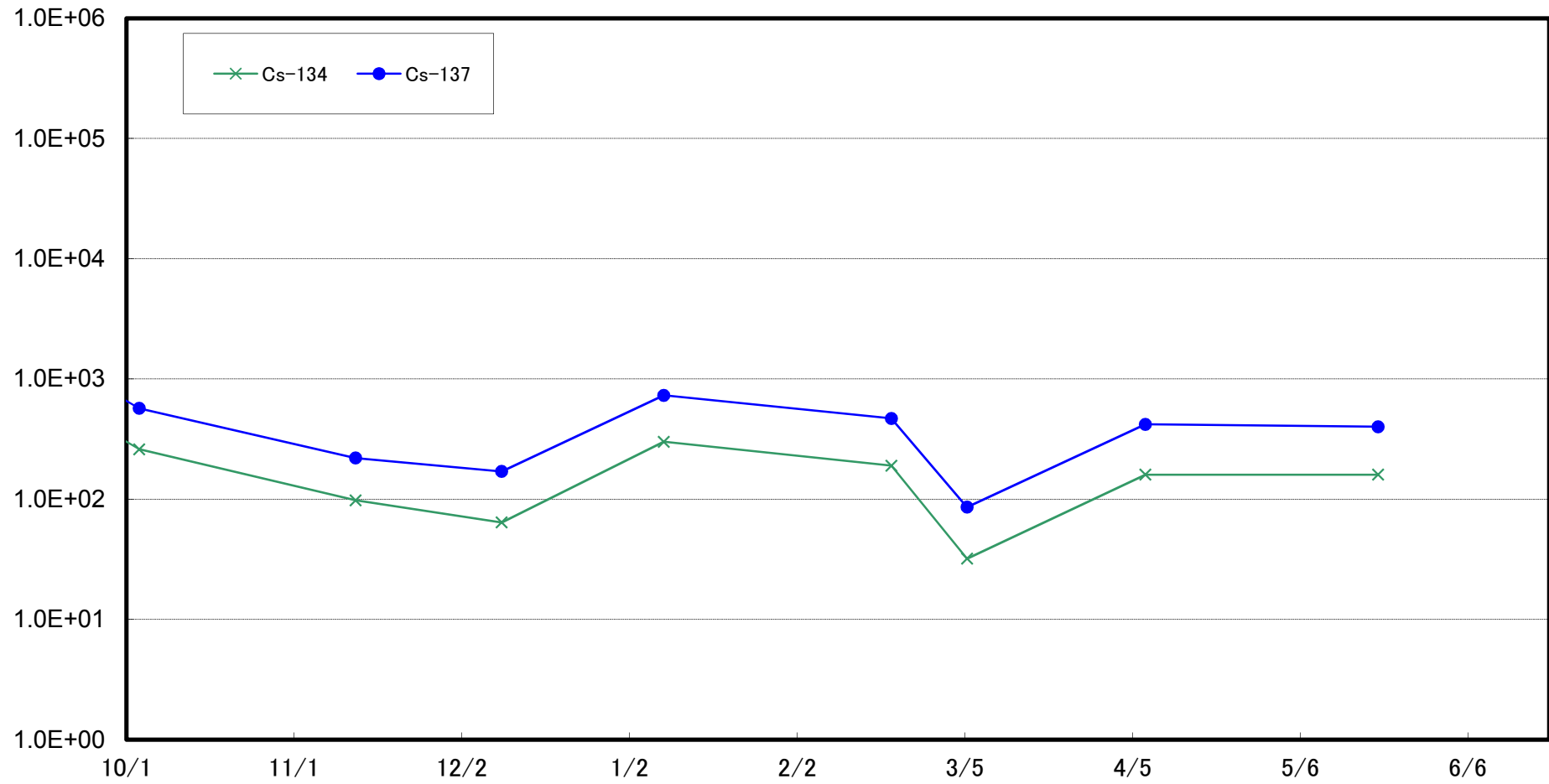
Radioactivity Density of the Marine Soil at 2km Offshore of Ukedo, Namie Town (T-④) (Bq/kg (dry soil))



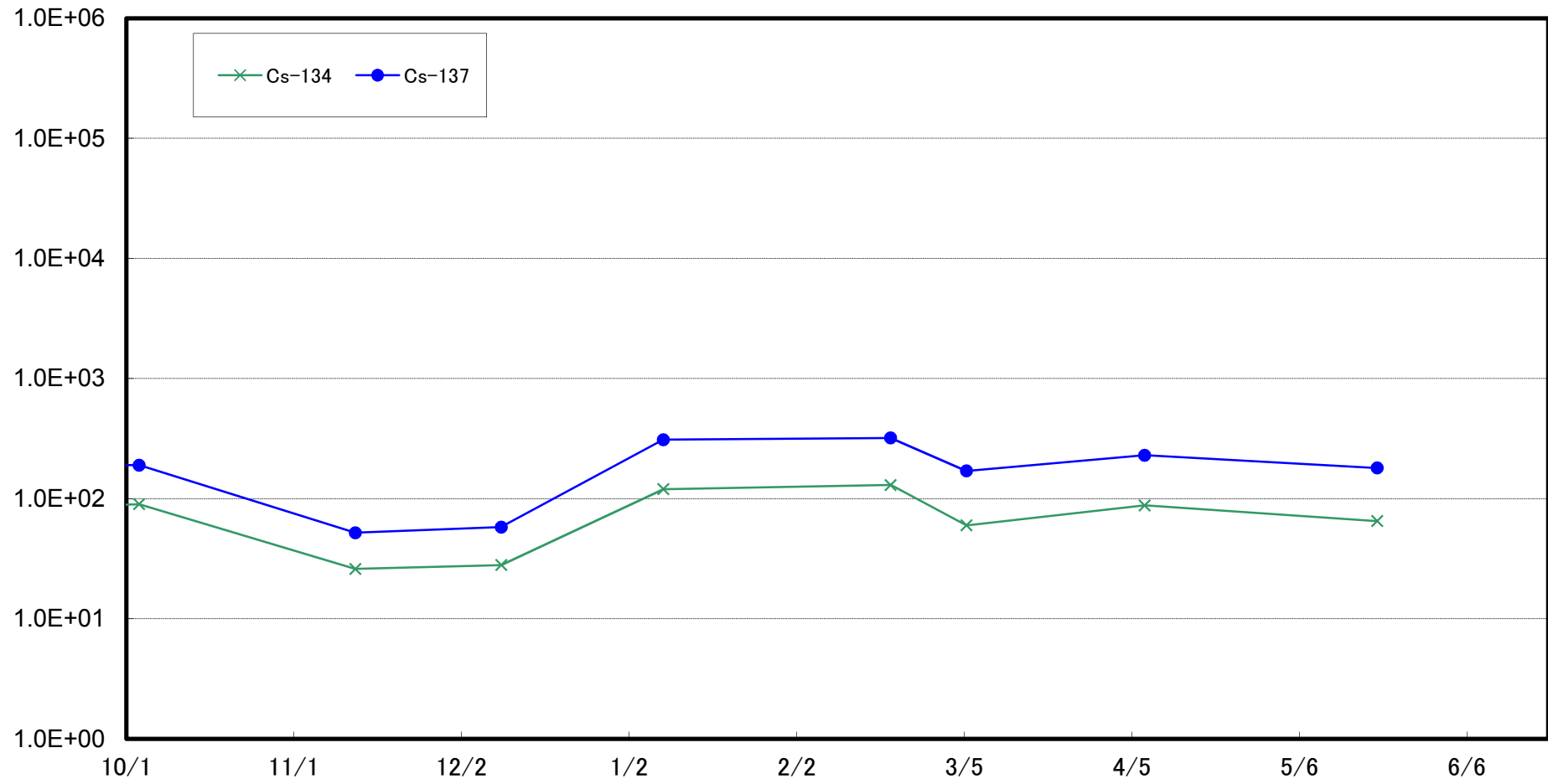
Radioactivity Density of the Marine Soil at 3km Offshore of Ukedo, Namie Town (T-⑤) (Bq/kg (dry soil))



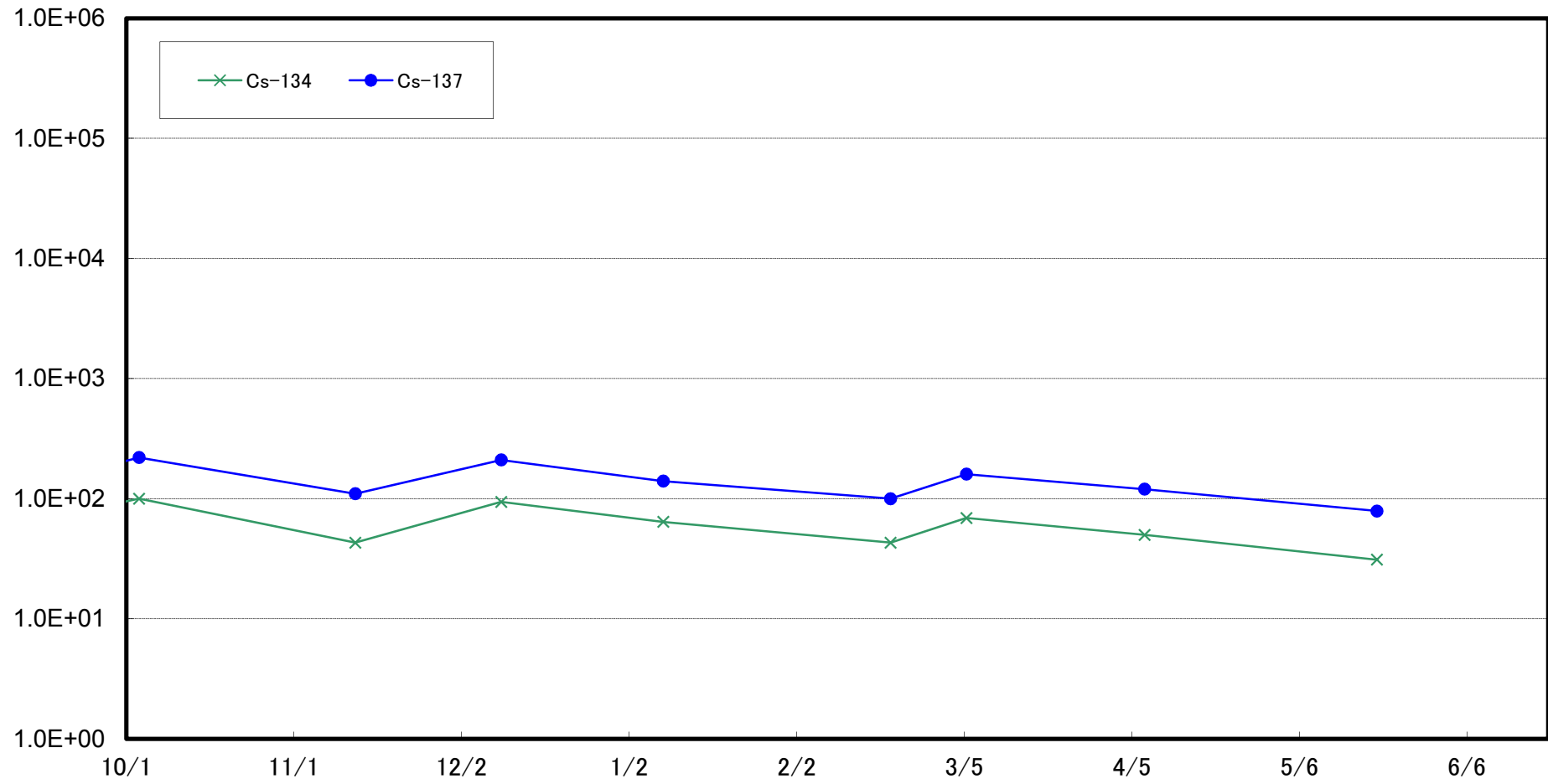
Radioactivity Density of the Marine Soil at 1km Offshore of Kumagawa, Okuma Town (T-⑥) (Bq/kg (dry soil))



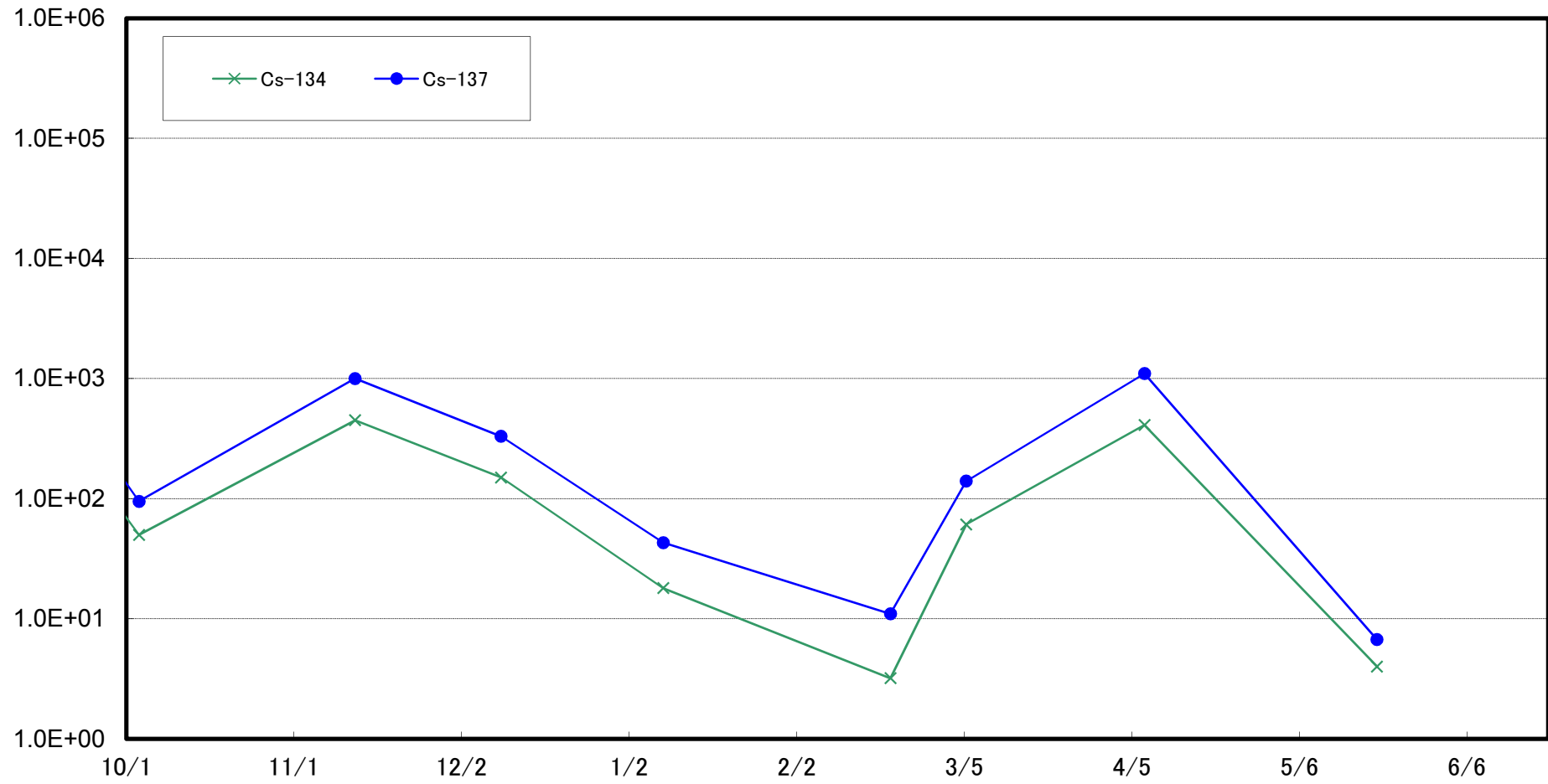
Radioactivity Density of the Marine Soil at 2km Offshore of Kumagawa, Okuma Town (T-⑦) (Bq/kg (dry soil))



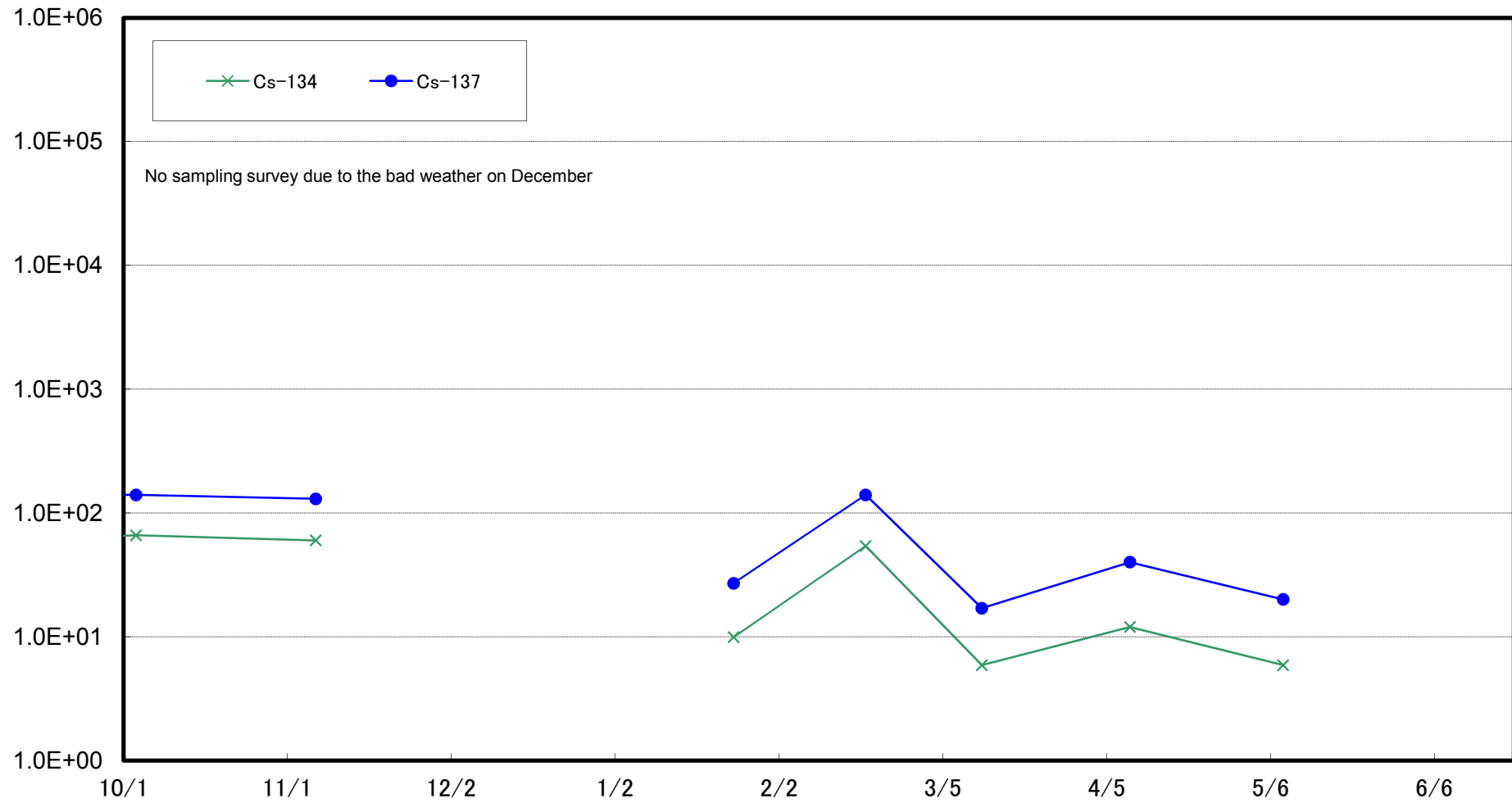
Radioactivity Density of the Marine Soil at 3km Offshore of Kumagawa, Okuma Town (T-⑧) (Bq/kg (dry soil))



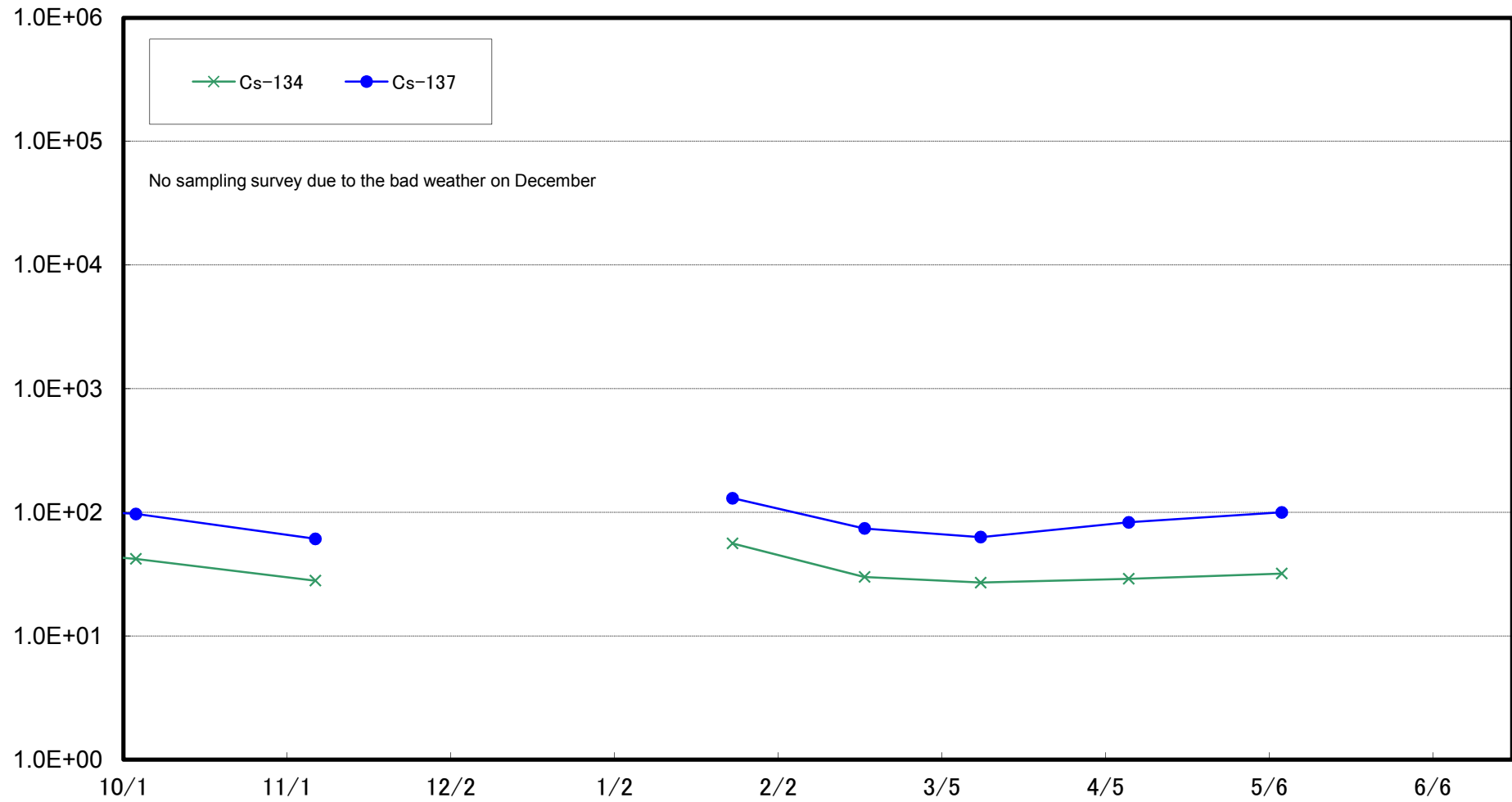
Radioactivity Density of the Marine Soil at 5km Offshore of Kumagawa, Okuma Town (T-9) (Bq/kg (dry soil))



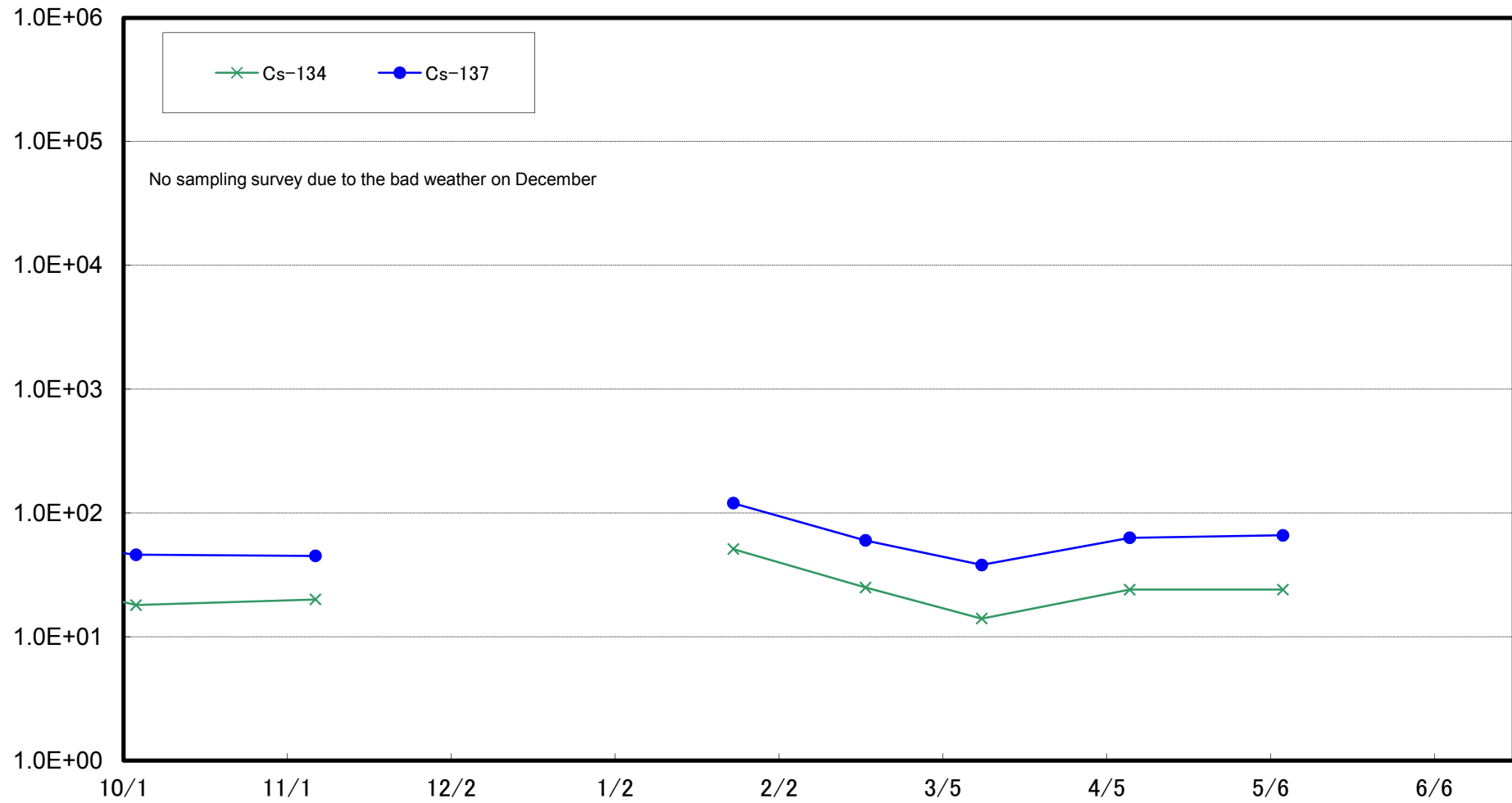
Radioactivity Density of the Marine Soil at 10km Offshore of Kumagawa, Okuma Town (T-10) (Bq/kg (dry soil))



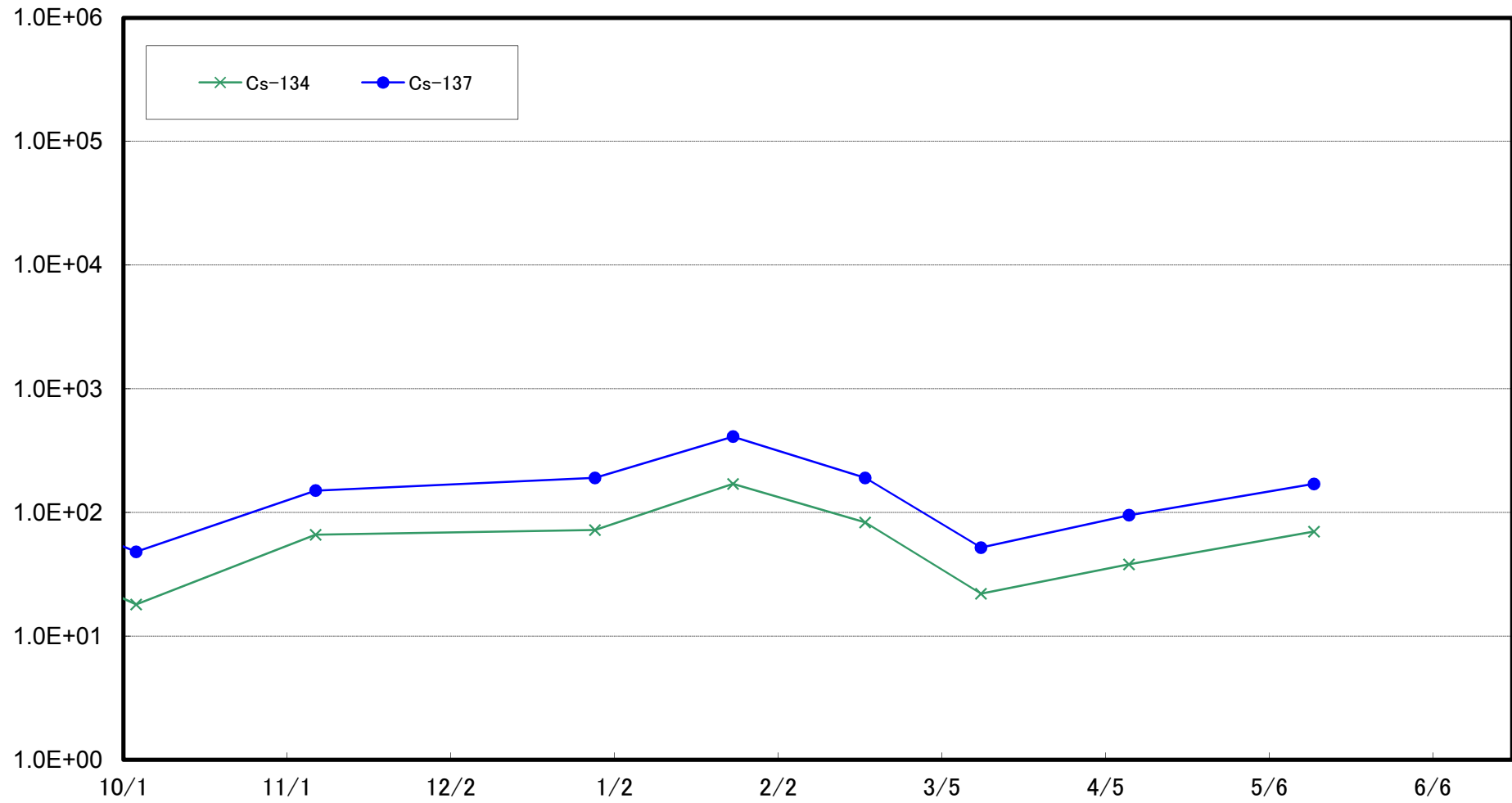
Radioactivity Density of the Marine Soil at 15km Offshore of Kumagawa, Okuma Town (T-⑪) (Bq/kg (dry soil))



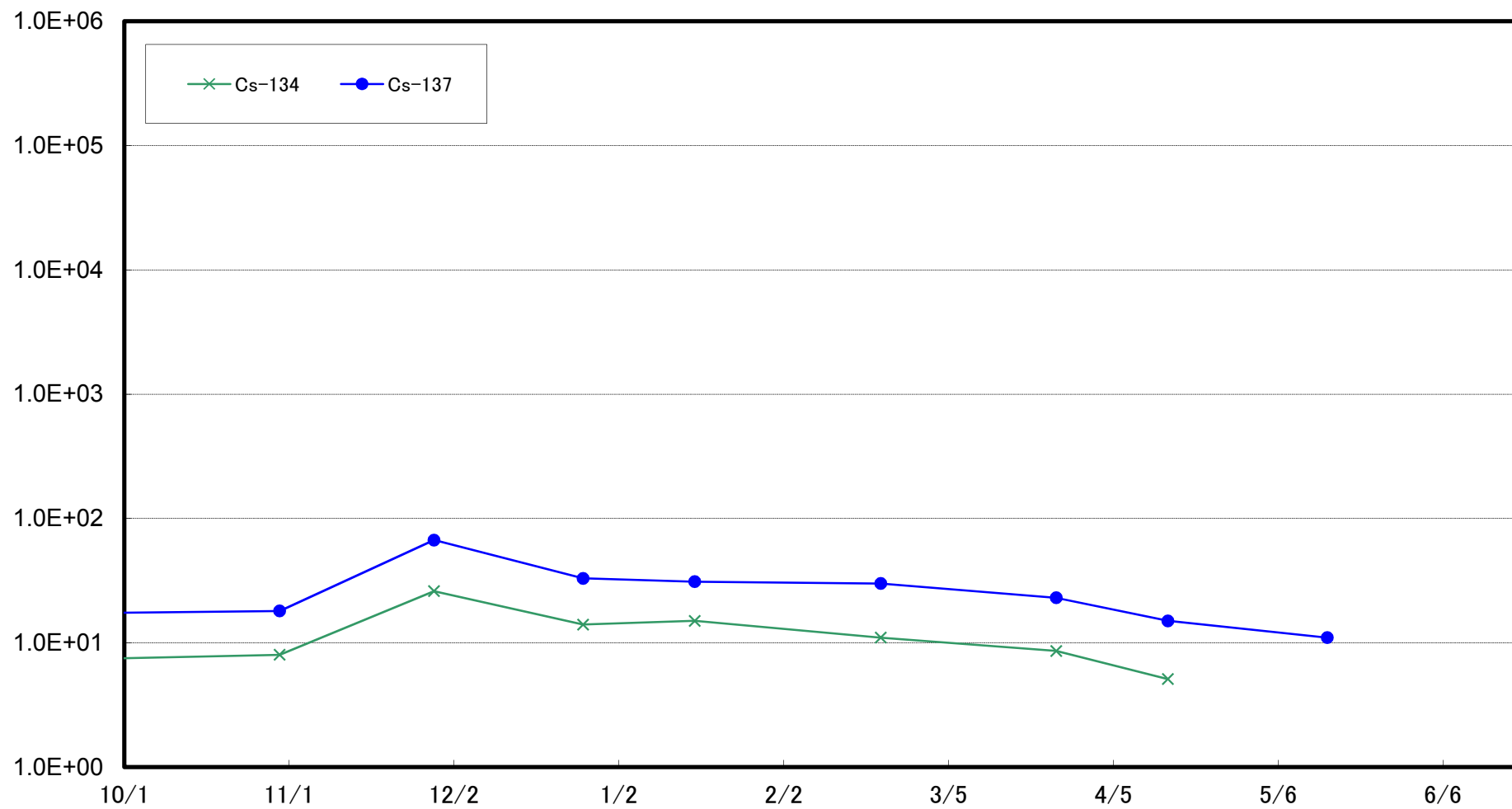
Radioactivity Density of the Marine Soil at 20km Offshore of Kumagawa, Okuma Town (T-12) (Bq/kg (dry soil))



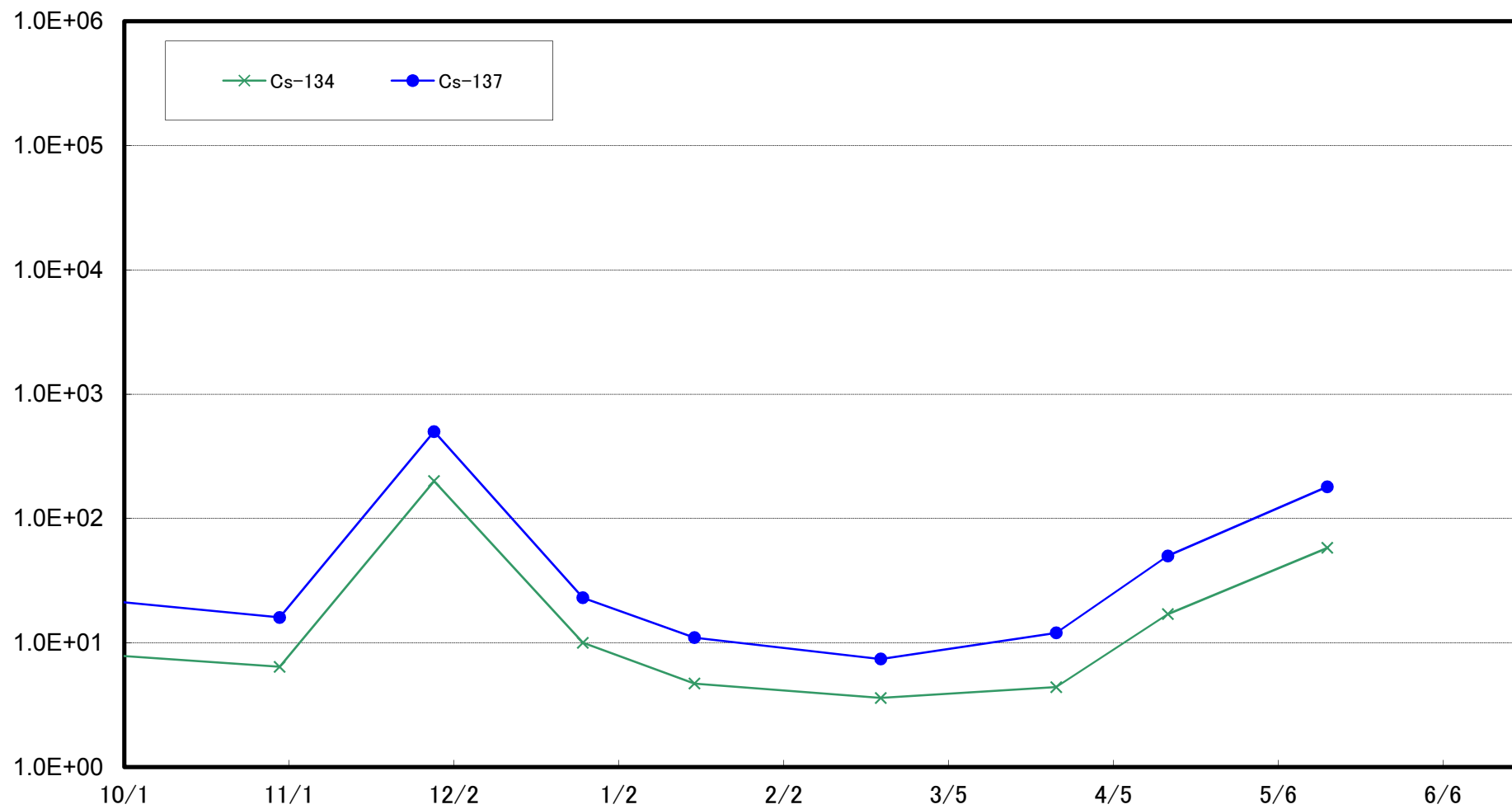
Radioactivity Density of the Marine Soil at 1km Offshore of Yamadahama, Naraha Town (T-⑬) (Bq/kg (dry soil))



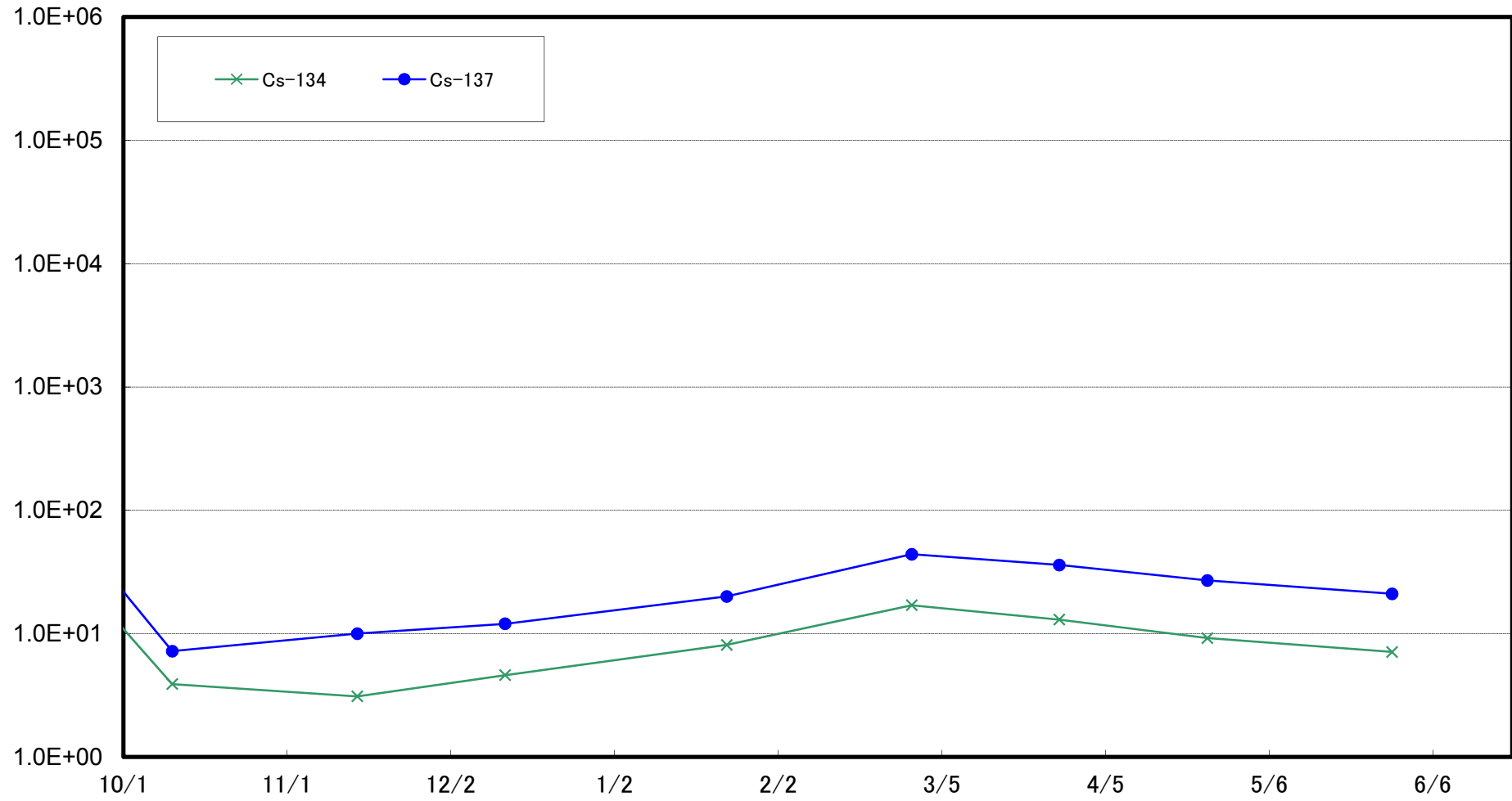
Radioactivity Density of the Marine Soil at Around 1km Offshore of Ota River (T-S1) (Bq/kg (dry soil))



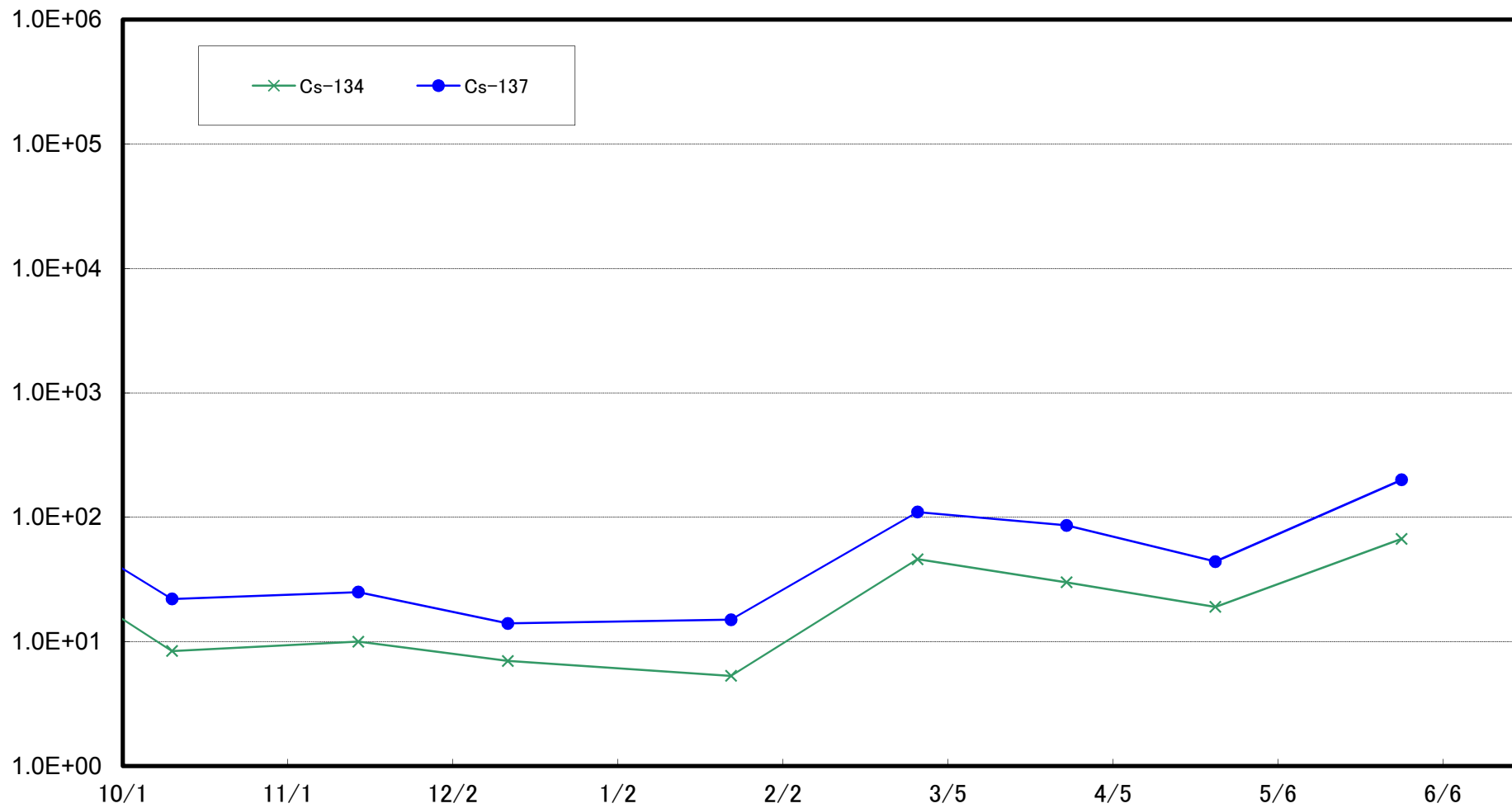
Radioactivity Density of the Marine Soil at Around 3km Offshore of Odaka Ward (T-S2) (Bq/kg (dry soil))



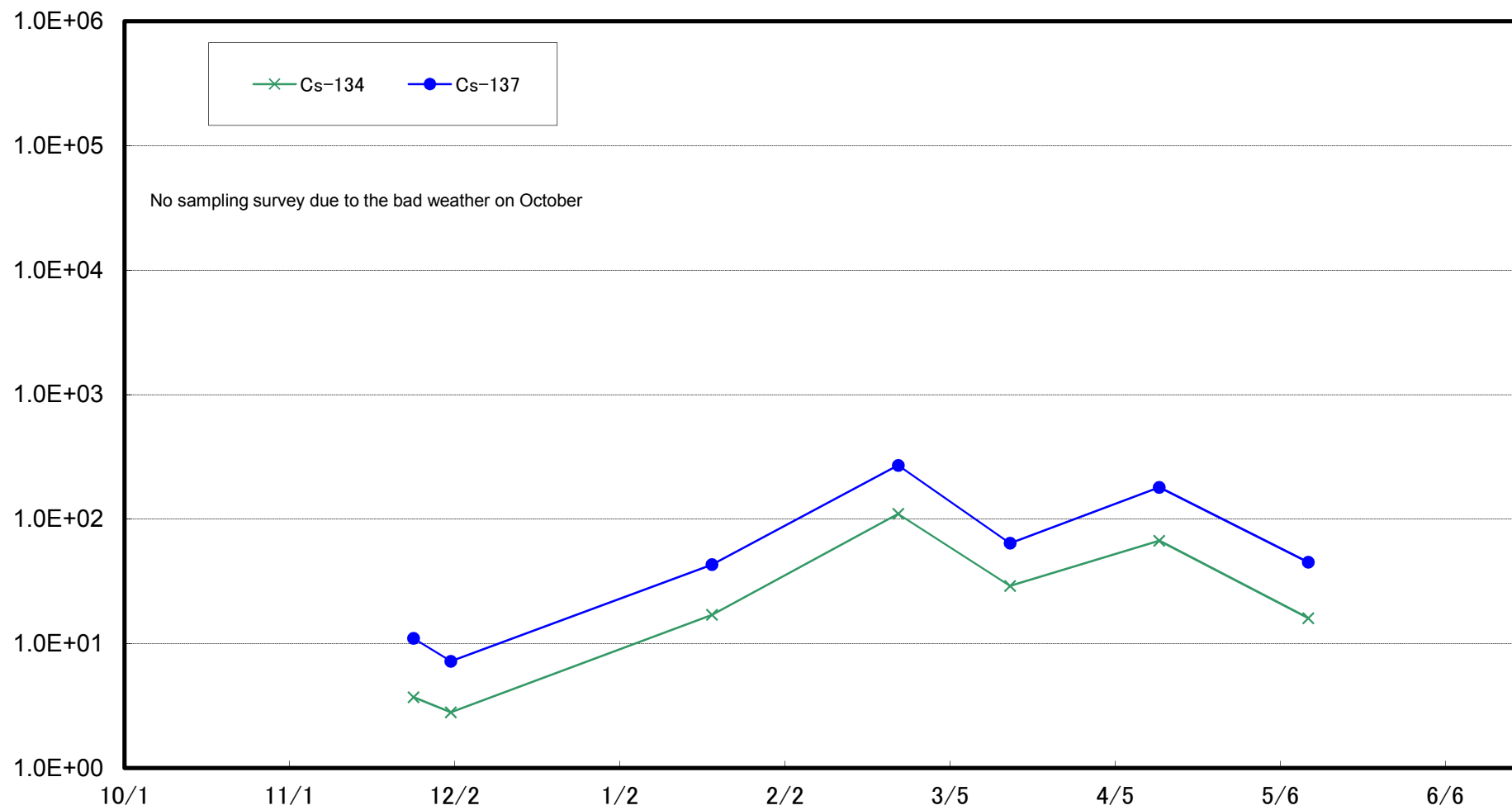
Radioactivity Density of the Marine Soil at Around 3km Offshore of Ukedo River (T-S3) (Bq/kg (dry soil))



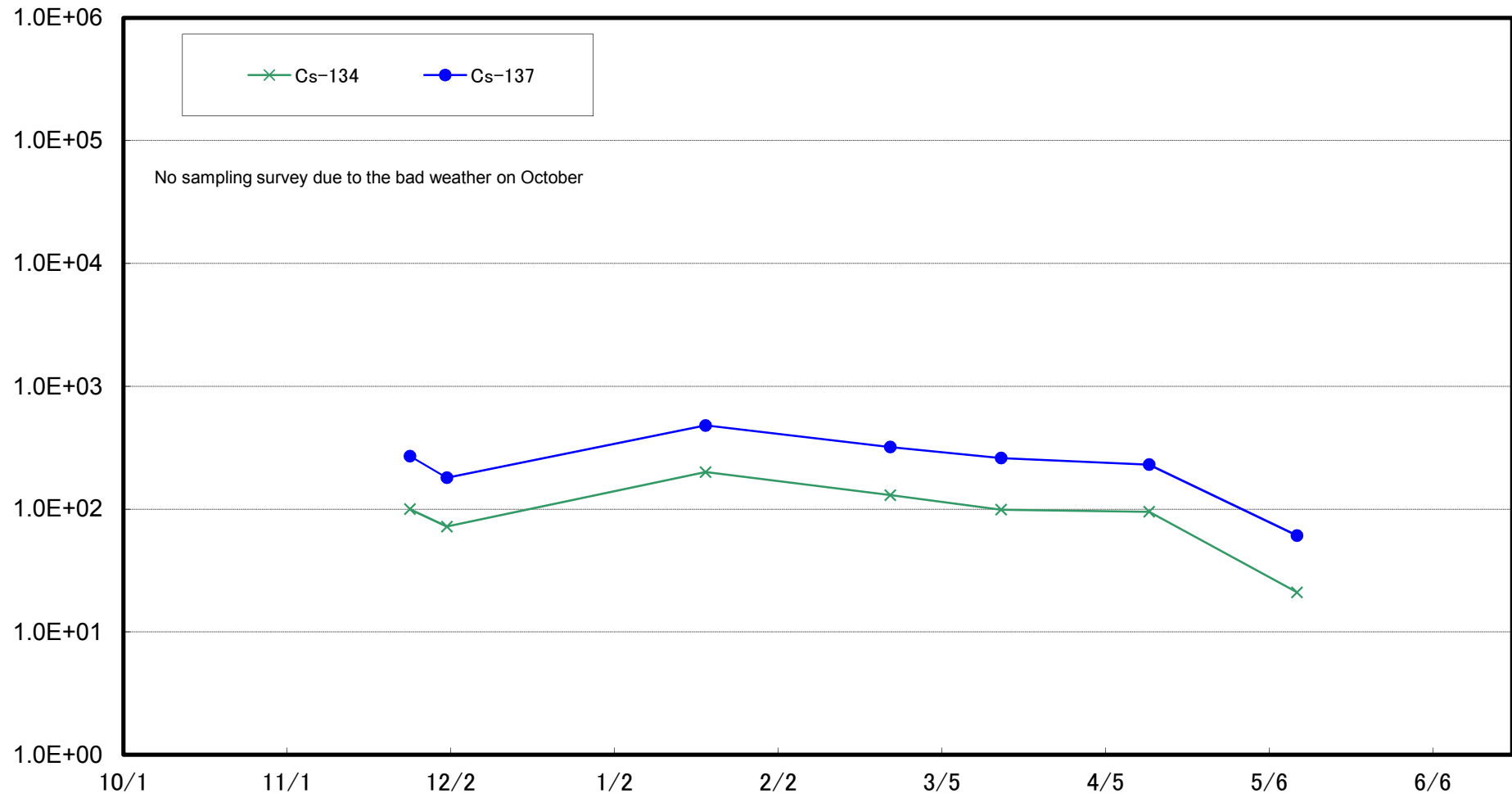
Radioactivity Density of the Marine Soil at Around 3km Offshore of 1F (T-S4) (Bq/kg (dry soil))



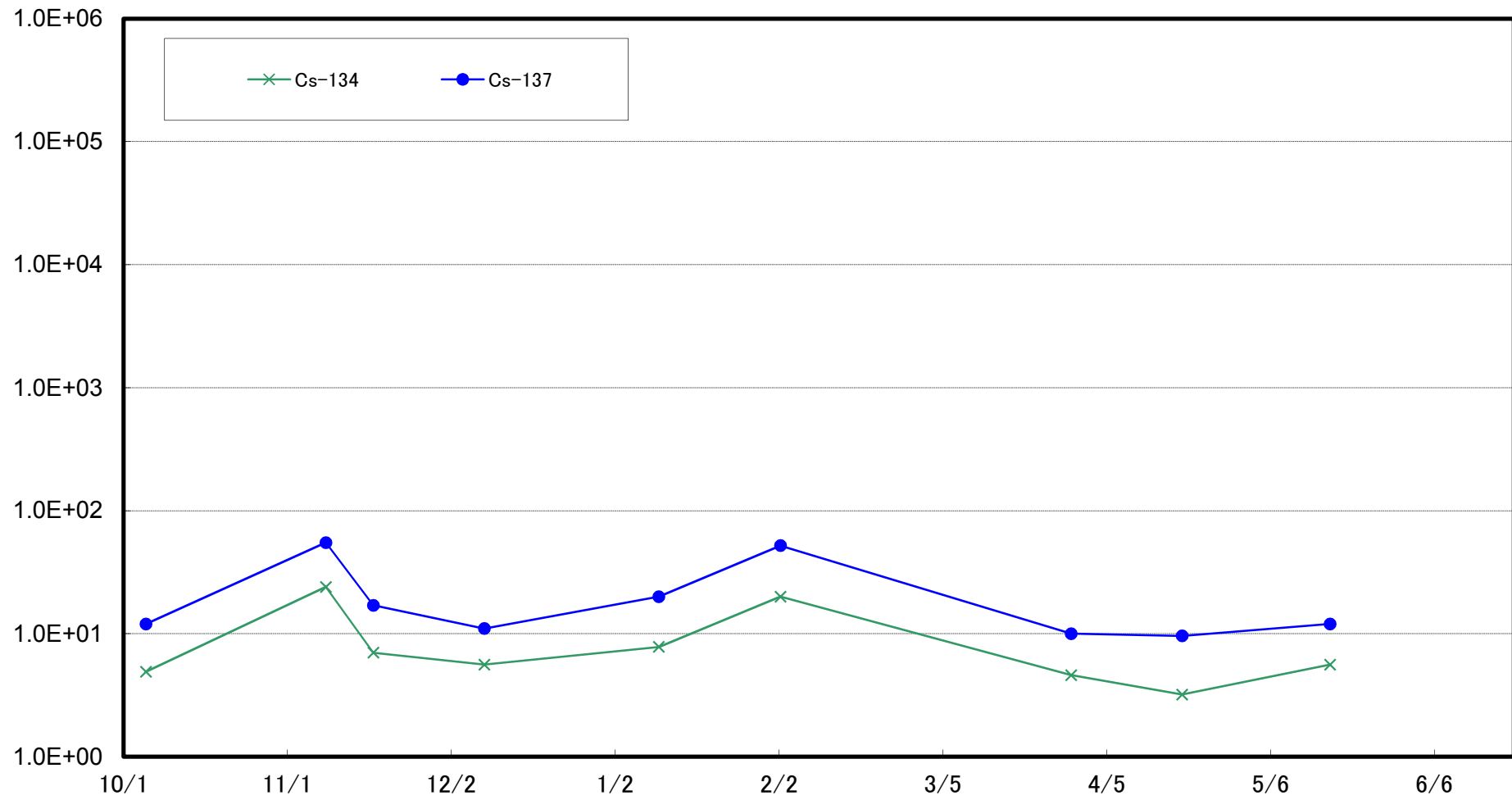
Radioactivity Density of the Marine Soil Around 2km Offshore of Kido River (T-S5) (Bq/kg (dry soil))



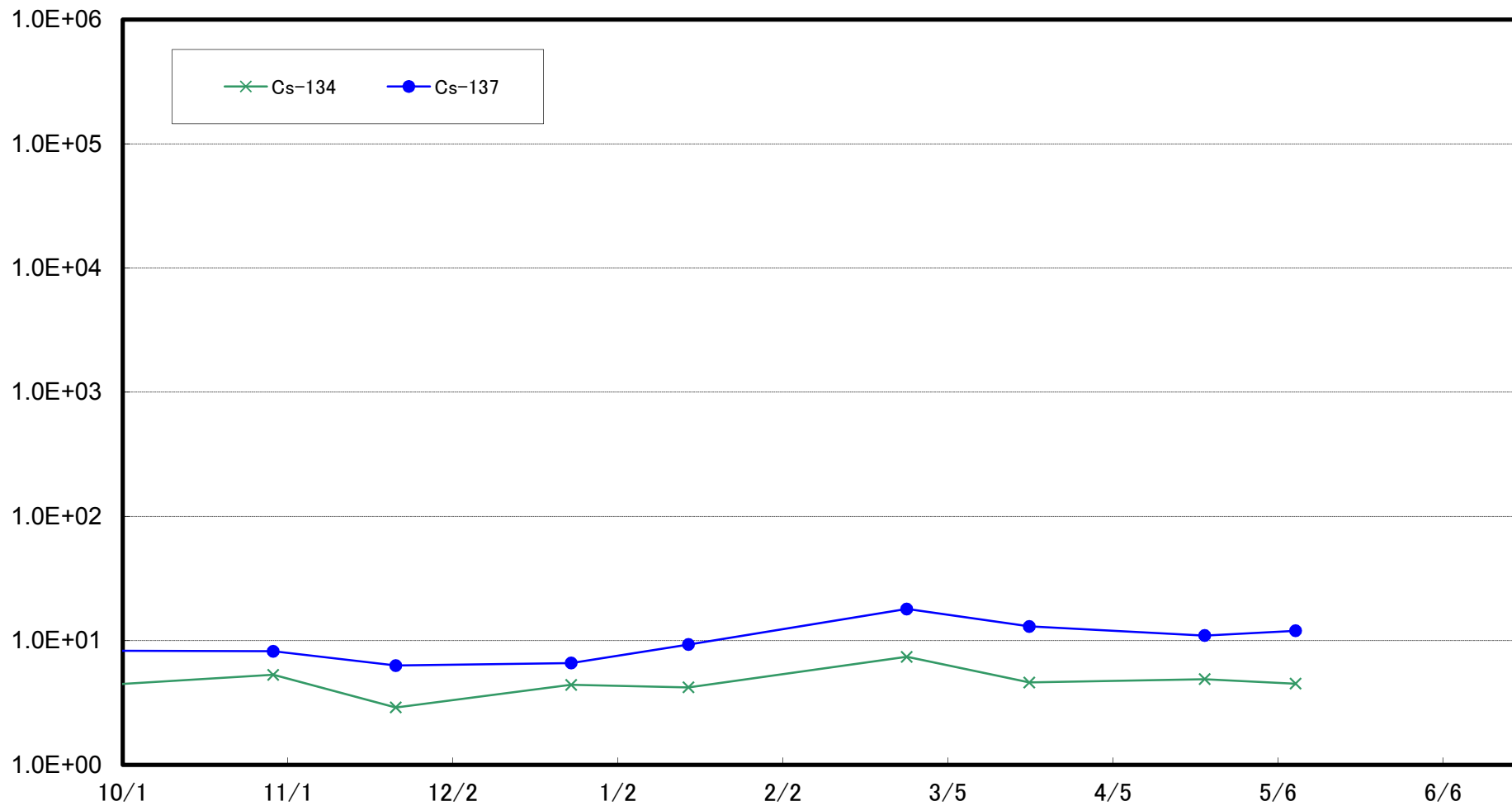
Radioactivity Density of the Marine Soil at Around 2km Offshore of 2F (T-S7) (Bq/kg (dry soil))



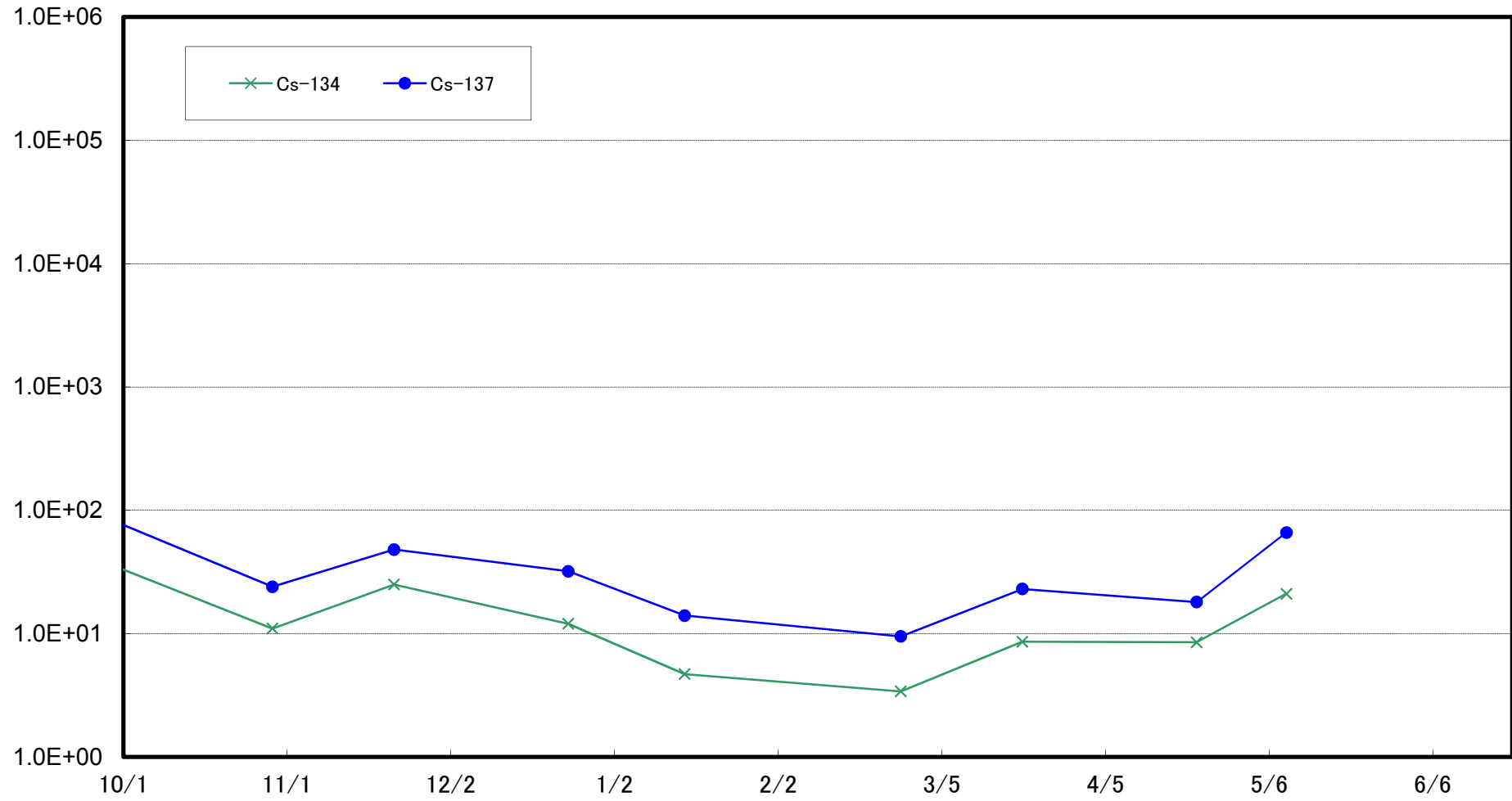
Radioactivity Density of the Marine Soil at Around 4km Offshore of Kumagawa (T-S8) (Bq/kg (dry soil))



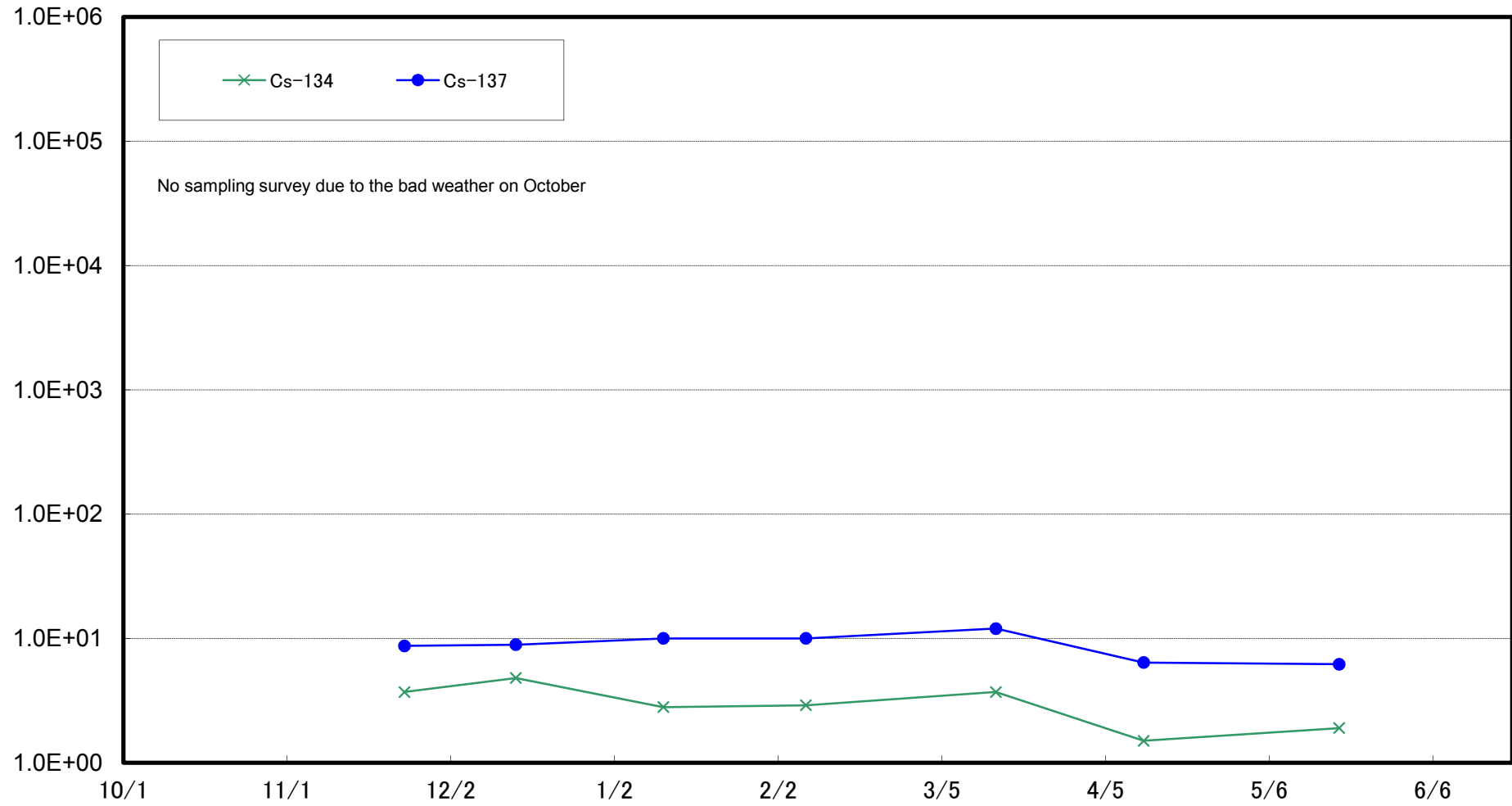
Radioactivity Density of the Marine Soil at Around 15km Offshore of Odaka Ward (T-B1) (Bq/kg (dry soil))



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))

