

## Summary of Marine Soil Monitoring Result : Fukushima Daiichi Nuclear Power Station (July 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	2014/7/7 6:50 AM	100.0 <sup>*1</sup>	290	820
	T-2-1	Around South Discharge Channel of 1F <sup>**1</sup>	2014/7/7 5:35 AM	100.0 <sup>*1</sup>	82	210
	T-3	Around North Discharge Channel of 2F	2014/7/1 2:25 PM	80.2	20	54
	T-4-1	Around the North Side of Asamigawa <sup>**2</sup>	2014/7/1 4:10 PM	78.8	29	76
Within 20km Range of Fukushima Daiichi NPS	T-14	3km Offshore of Odaka Ward	2014/7/9 9:12 AM	81.0	2.6	6.4
	T-11	3km Offshore of Iwasawa Shore	2014/7/8 9:52 AM	69.4	32	84
	T-D1	3km Offshore of Ukedo River	2014/7/9 8:44 AM	85.3	11	36
	T-D5	3km Offshore of 1F	2014/7/9 8:12 AM	82.4	4.1	12
	T-D9	3km Offshore of 2F	2014/7/8 9:15 AM	71.3	39	100
	T-5	15km Offshore of 1F	2014/7/8 8:20 AM	71.1	46	130
	T-①	1km Offshore of Murakami, Odaka Ward	2014/7/3 9:03 AM	71.7	8.1	18
	T-②	2km Offshore of Murakami, Odaka Ward	2014/7/3 8:50 AM	75.0	5.6	21
	T-③	1km Offshore of Ukedo, Namie Town	2014/7/3 10:16 AM	73.1	45	110
	T-④	2km Offshore of Ukedo, Namie Town	2014/7/3 10:08 AM	73.4	22	59
	T-⑤	3km Offshore of Ukedo, Namie Town	2014/7/3 9:38 AM	72.6	52	140
	T-⑥	1km Offshore of Kumagawa, Okuma Town	2014/7/2 8:29 AM	68.0	130	370
	T-⑦	2km Offshore of Kumagawa, Okuma Town	2014/7/2 8:15 AM	83.6	11	37
	T-⑧	3km Offshore of Kumagawa, Okuma Town	2014/7/2 8:02 AM	71.5	66	210
	T-⑨	5km Offshore of Kumagawa, Okuma Town	2014/7/2 7:49 AM	78.2	3.6	11
	T-⑩	10km Offshore of Kumagawa, Okuma Town	2014/7/4 9:18 AM	79.2	19	58
	T-⑪	15km Offshore of Kumagawa, Okuma Town	2014/7/4 8:59 AM	71.7	20	56
	T-⑫	20km Offshore of Kumagawa, Okuma Town	2014/7/4 8:14 AM	67.7	32	89
	T-⑬	1km Offshore of Yamadahama, Naraha Town	2014/7/4 10:26 AM	74.1	31	85
	T-S1	Around 1km Offshore of Ota River	2014/7/25 5:51 AM	74.4	6.2	19
	T-S2	Around 3km Offshore of Odaka Ward	2014/7/25 6:18 AM	78.8	6.9	20
	T-S3	Around 3km Offshore of Ukedo River	2014/7/17 6:15 AM	74.4	11	31
	T-S4	Around 3km Offshore of 1F	2014/7/17 5:44 AM	79.6	70	200
	T-S5	Around 2km Offshore of Kido River	2014/7/6 6:24 AM	83.0	4.9	12
	T-S7	Around 2km Offshore of 2F <sup>**3</sup>	2014/7/6 6:03 AM	74.0	53	160
	T-S8	Around 4km Offshore of Kumagawa <sup>**4</sup>	2014/7/27 6:15 AM	81.9	3.1	12
	T-B1	Around 15km Offshore of Odaka Ward <sup>*1</sup>	2014/7/29 6:46 AM	87.4	3.8	8.5
	T-B2	Around 18km Offshore of Ukedo River <sup>*1</sup>	2014/7/29 6:18 AM	66.4	68	210
T-B3	Around 10km Offshore of 1F	2014/7/14 5:42 AM	80.0	1.9	5.9	
T-B4	Around 10km Offshore of 2F	2014/7/14 6:23 AM	75.4	34	110	
Within 30km Range	T-13-1	1km Offshore of Nida River	2014/7/24 5:50 AM	82.1	ND	3.2
	T-7	15km Offshore of Iwasawa Shore	2014/7/15 7:52 AM	59.3	17	47
Out of 30km Range	T-18	3km Offshore of Onahama Port	2014/7/15 11:13 AM	68.9	42	110
	T-12	3km offshore of North of Iwaki City	2014/7/5 6:10 AM	71.6	13	31
	T-17-1	1km Offshore of Natsui River	2014/7/5 6:35 AM	70.9	20	56
	T-20	3km Offshore of Toyoma	2014/7/5 7:00 AM	71.1	27	72
	T-22	3km Offshore of Soma	2014/7/24 4:45 AM	75.2	48	150
	T-MA	5km Offshore of Kashima	2014/7/24 5:20 AM	86.2	2.6	7.3
	T-M10	5km Offshore of Numanouchi	2014/7/15 9:47 AM	62.4	19	58

\* 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.

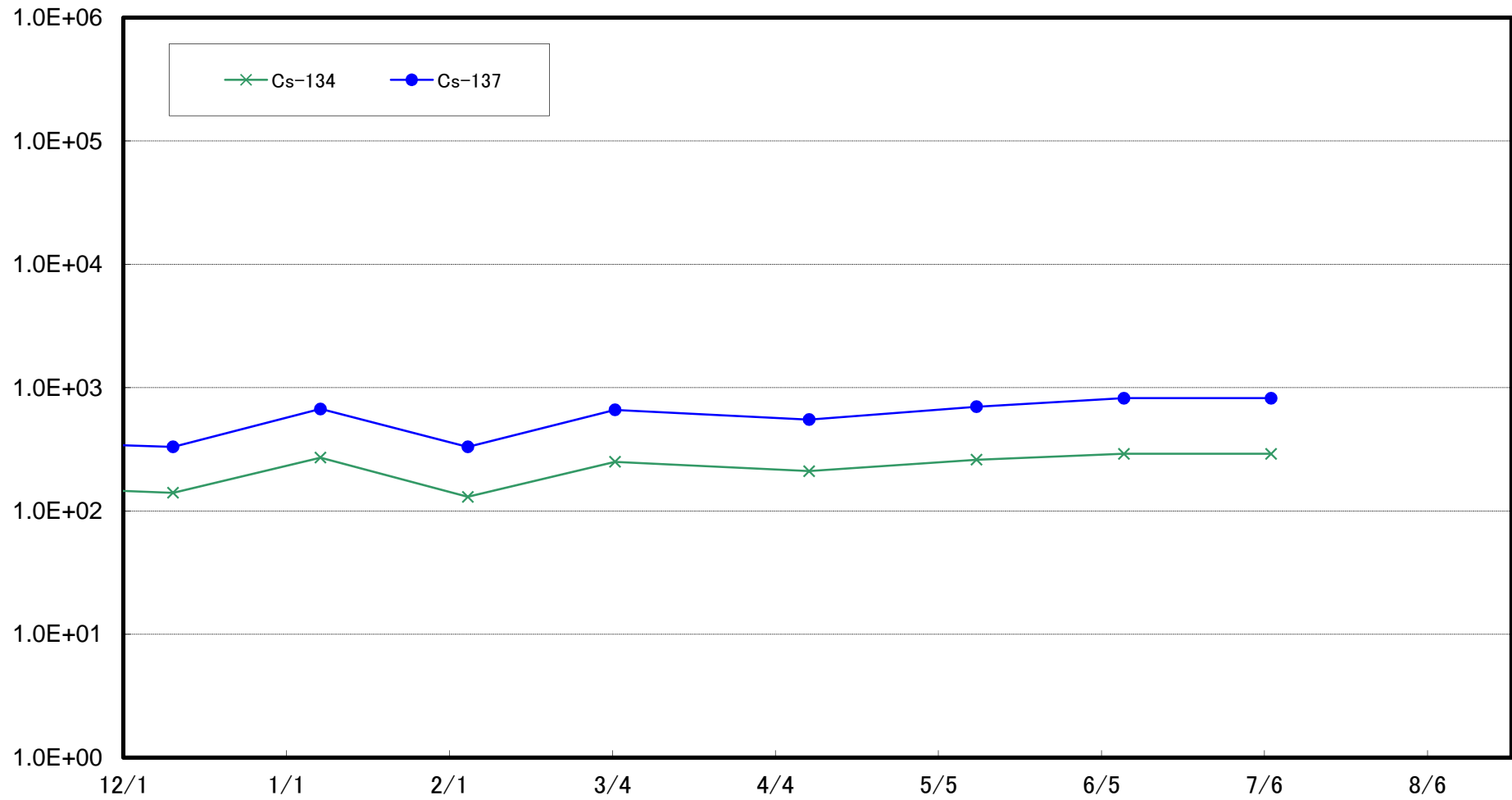
\*\*2 Place of Sampling was changed from "T-4" to "T-4-2" from October.

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

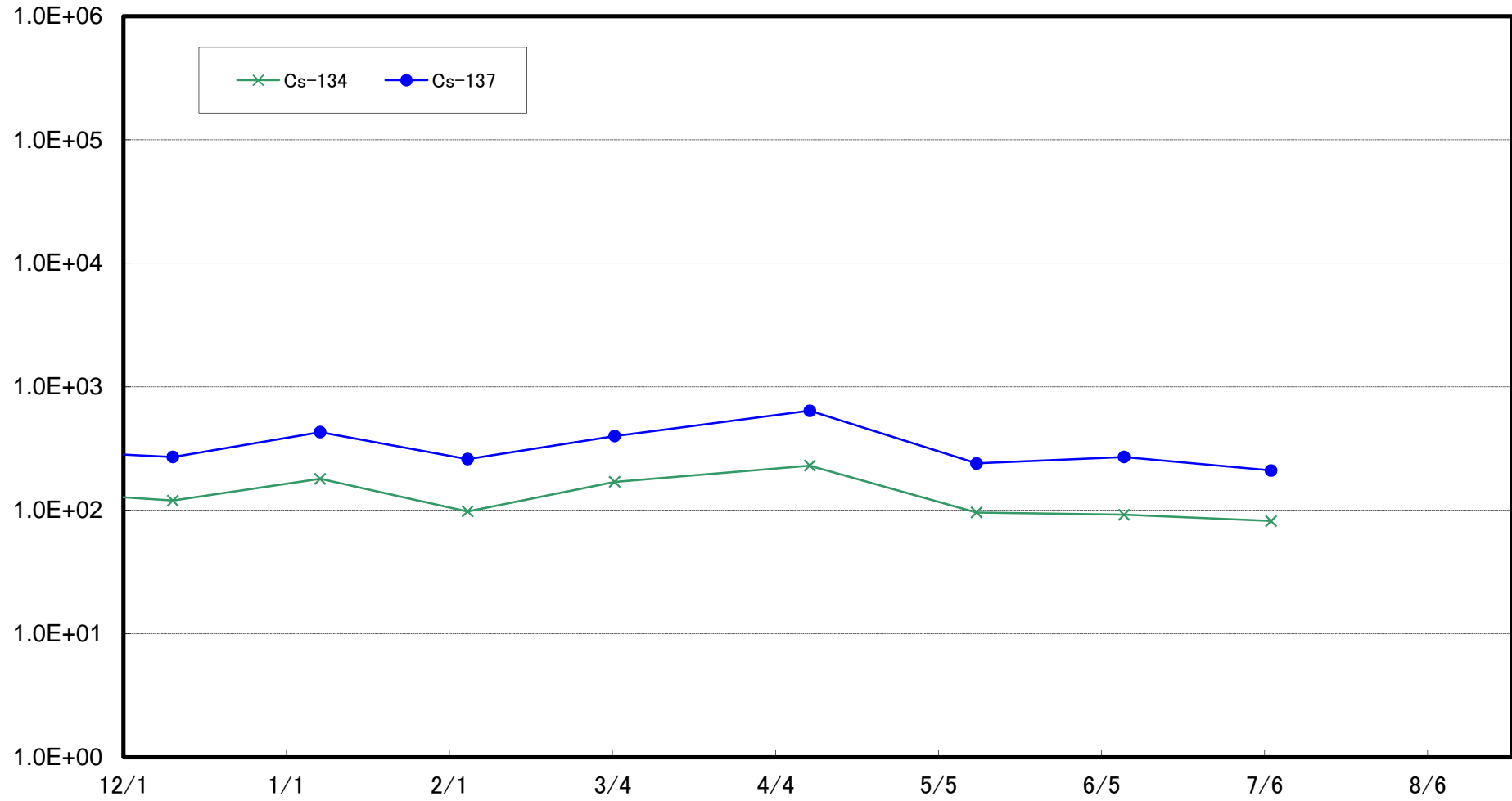
\*\*4 "T-S8" is added from July 2012.

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

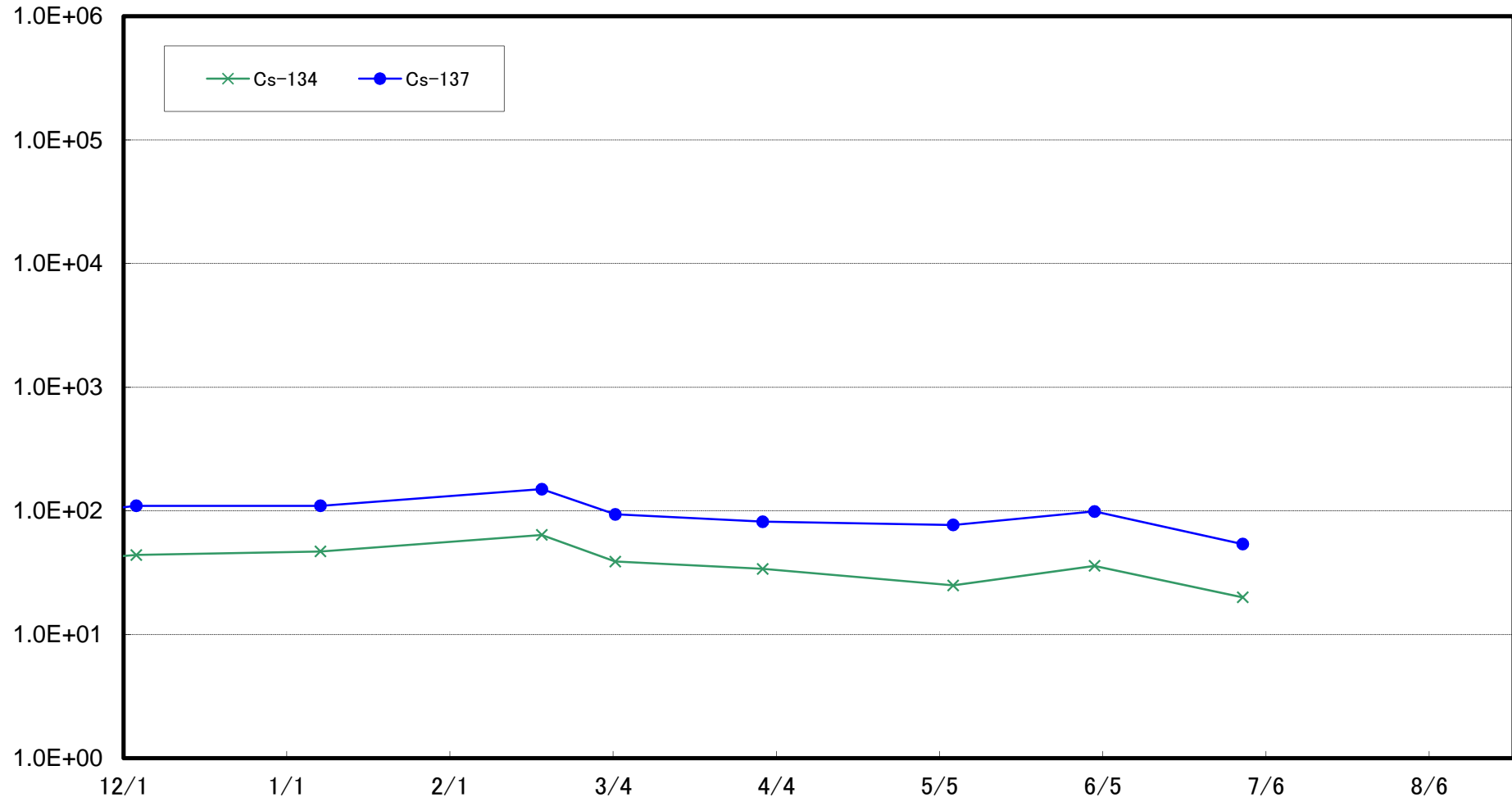
Radioactivity Density of the Marine Soil at North Discharge Channel of Fukushima Daiichi NPS  
(Around 5,6U Discharge Channel) (T-1) (Bq/kg, dry soil)



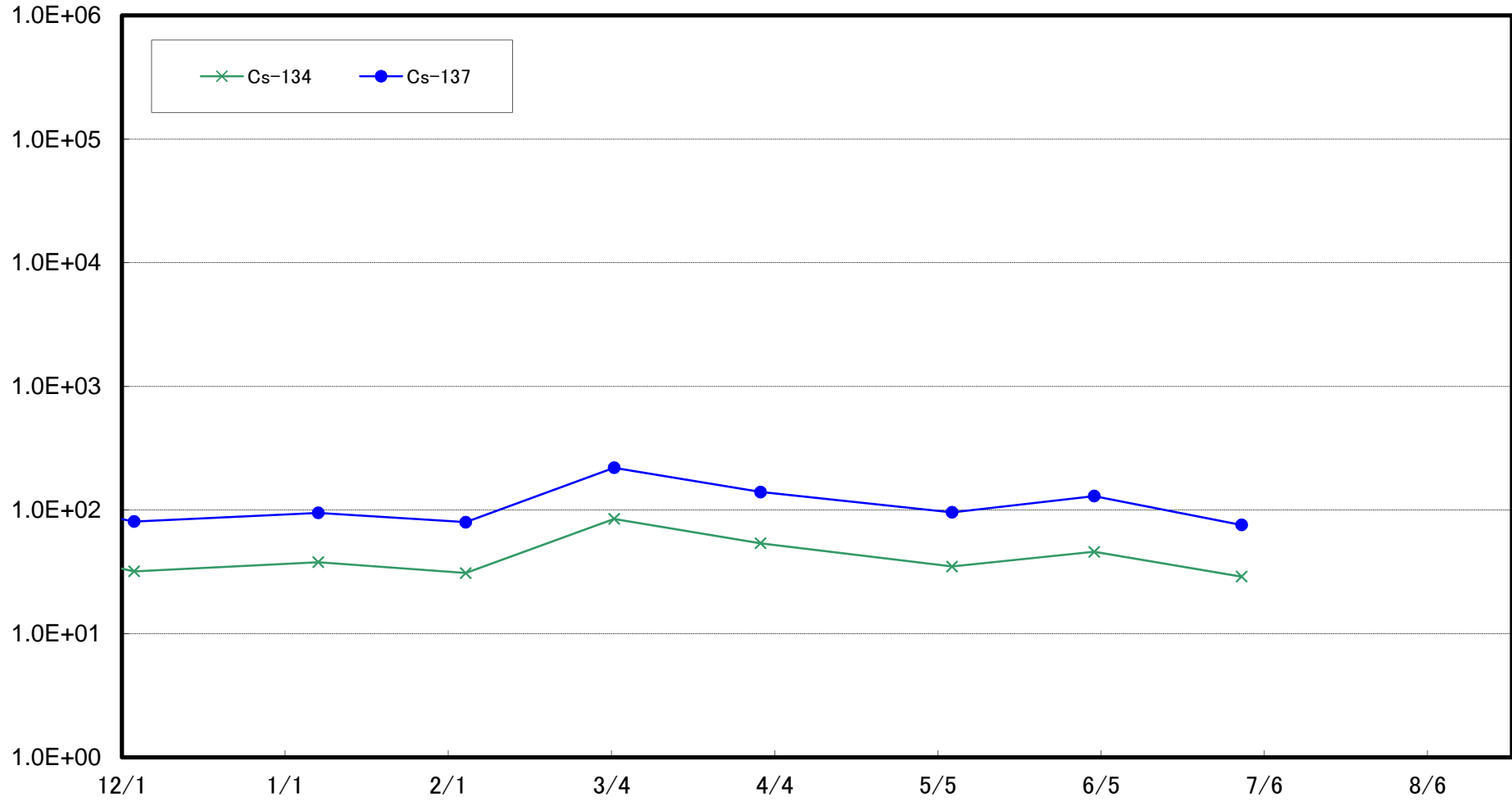
Radioactivity Density of the Marine Soil at South Discharge Channel of Fukushima Daiichi NPS  
(T-2-1) (Bq/kg, dry soil)



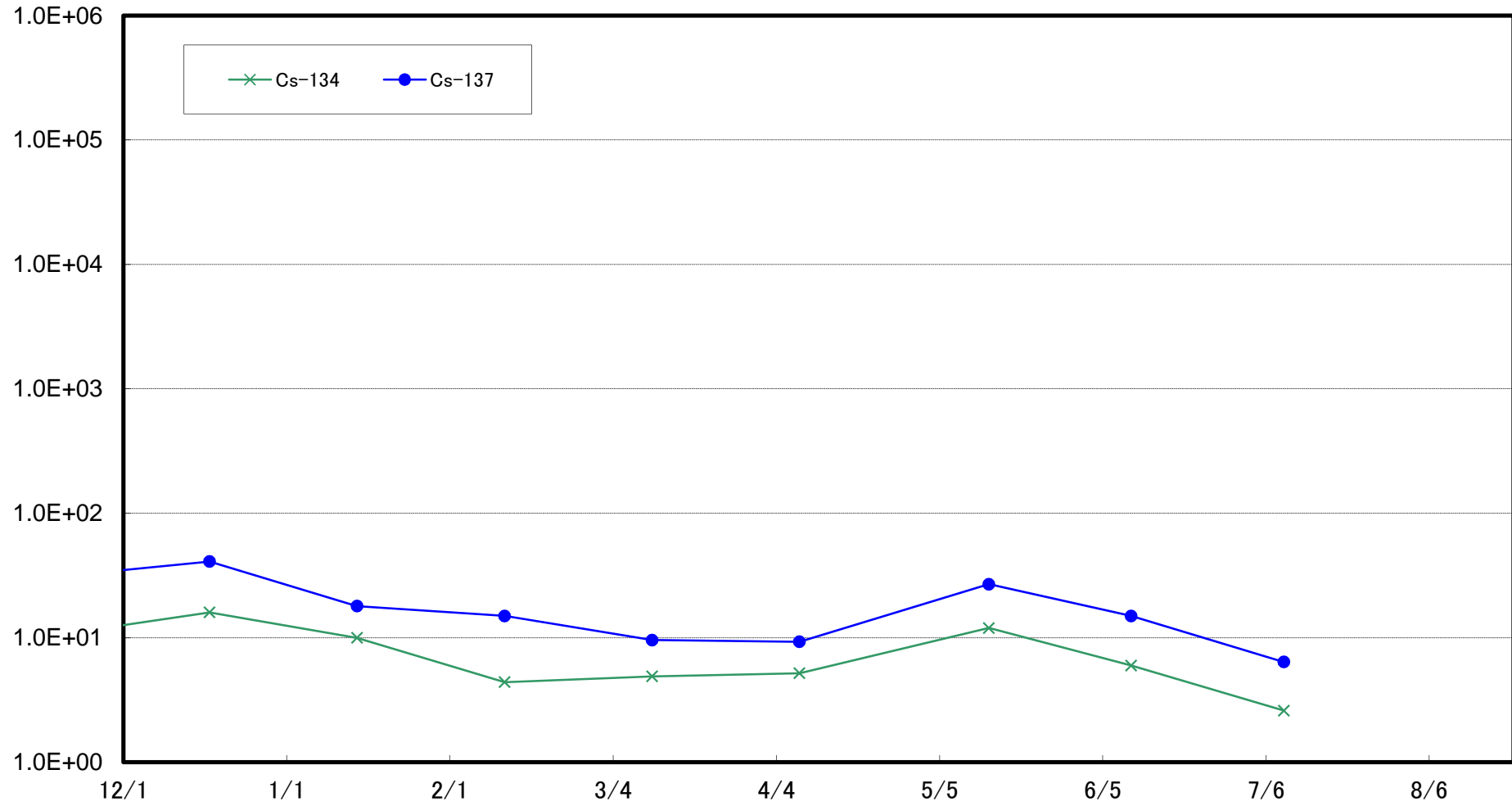
Radioactivity Density of the Marine Soil around North Discharge Channel of Fukushima Daini NPS  
(T-3) (Bq/kg, dry soil)



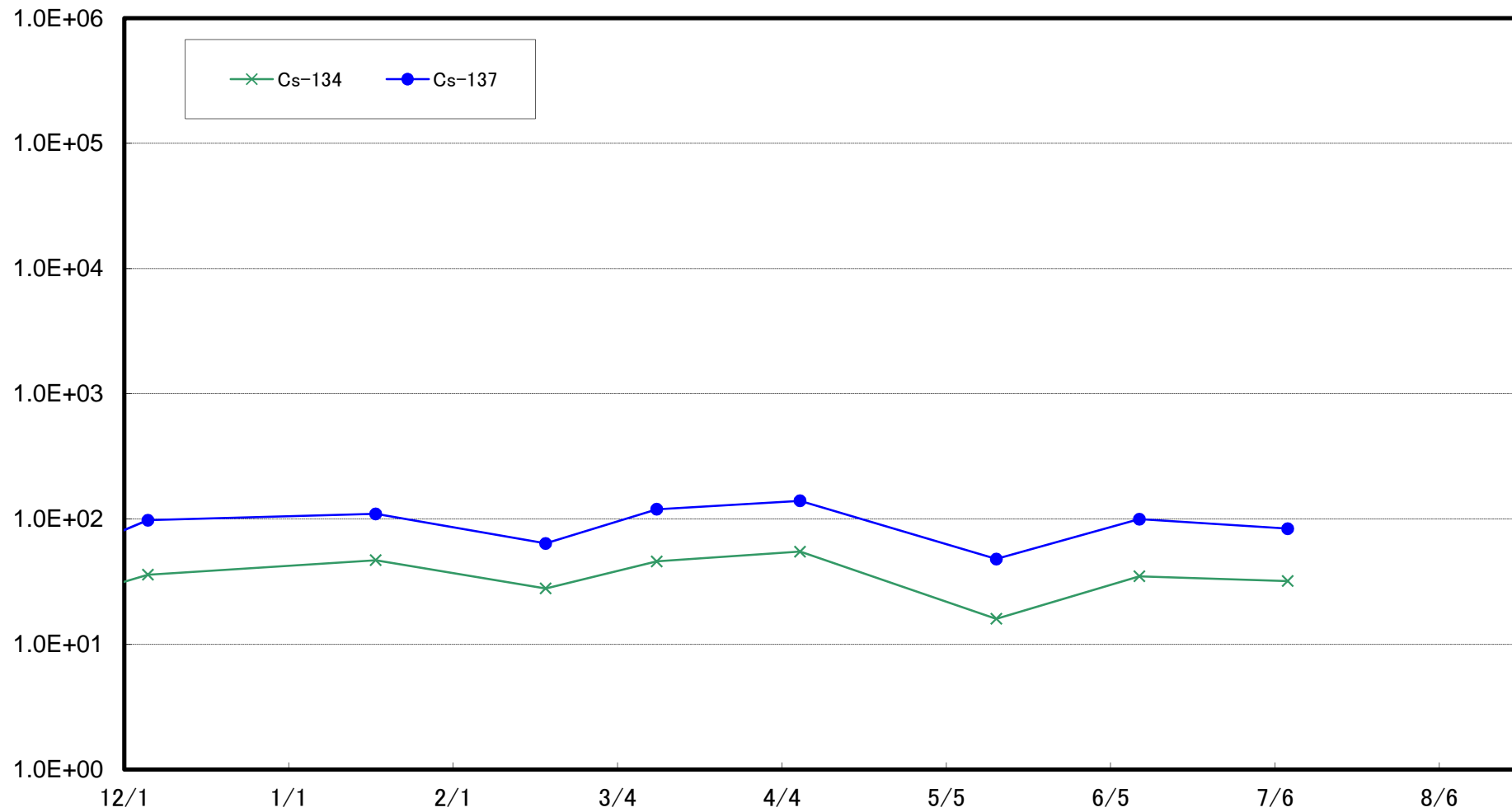
Radioactivity Density of the Marine Soil around Iwasawa Shore  
(T-4) (Bq/kg, dry soil)



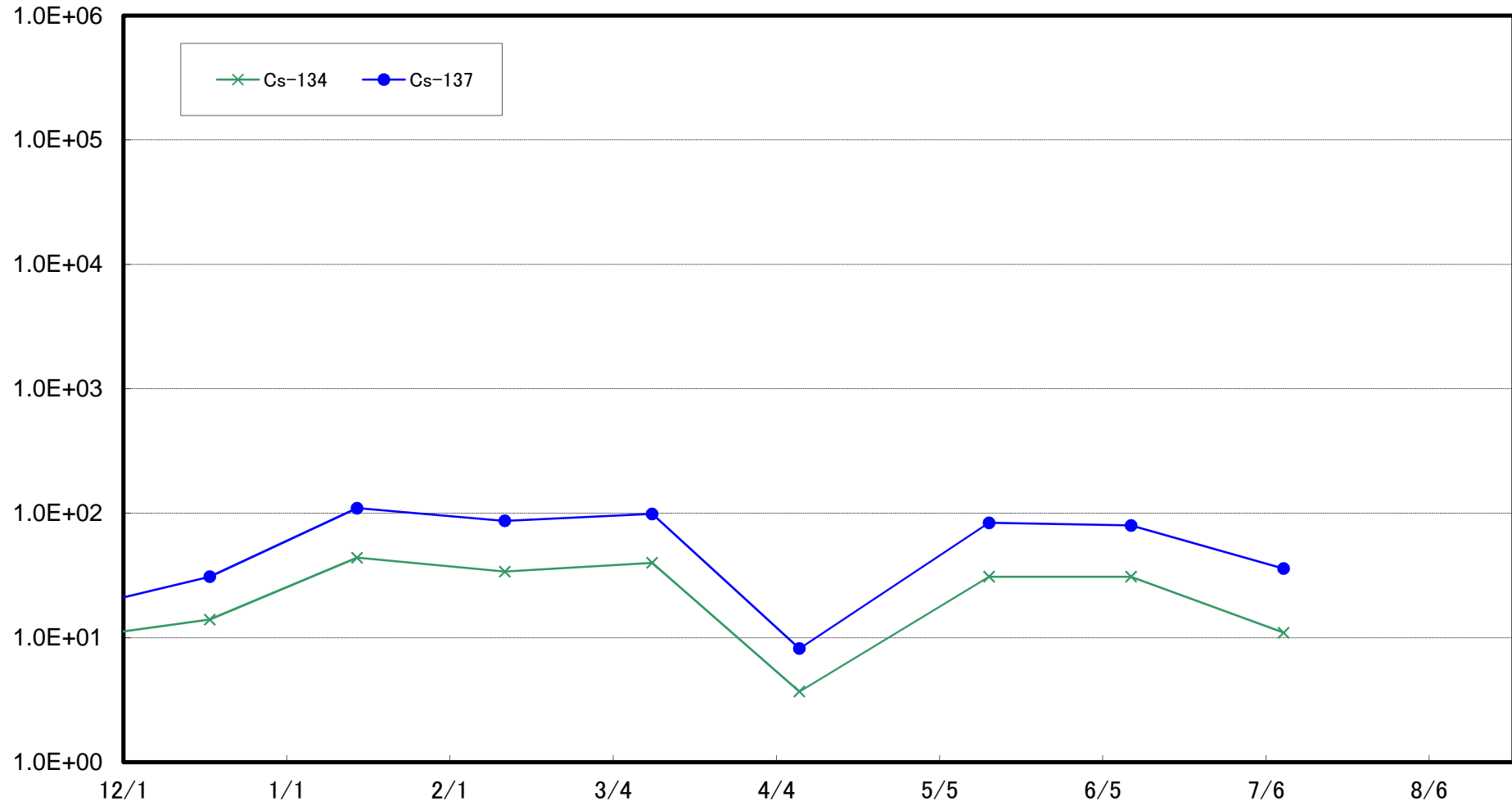
Radioactivity Density of the Marine Soil at Around 3km Offshore of Odaka Ward  
(T-14) (Bq/kg , dry soil)



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

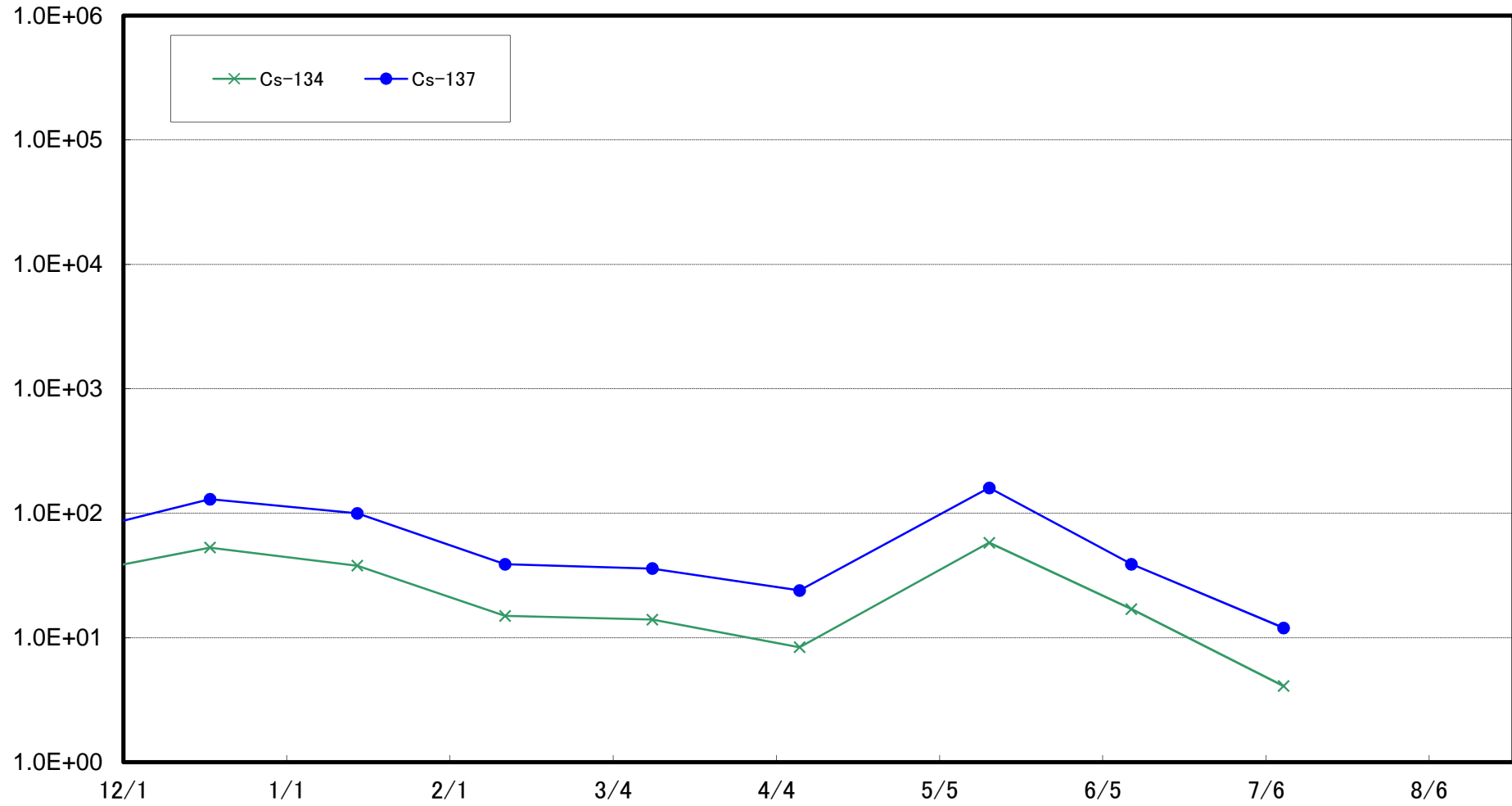


Radioactivity Density of the Marine Soil at 3km Offshore of Ukedo River  
(T-D1) (Bq/kg, dry soil)

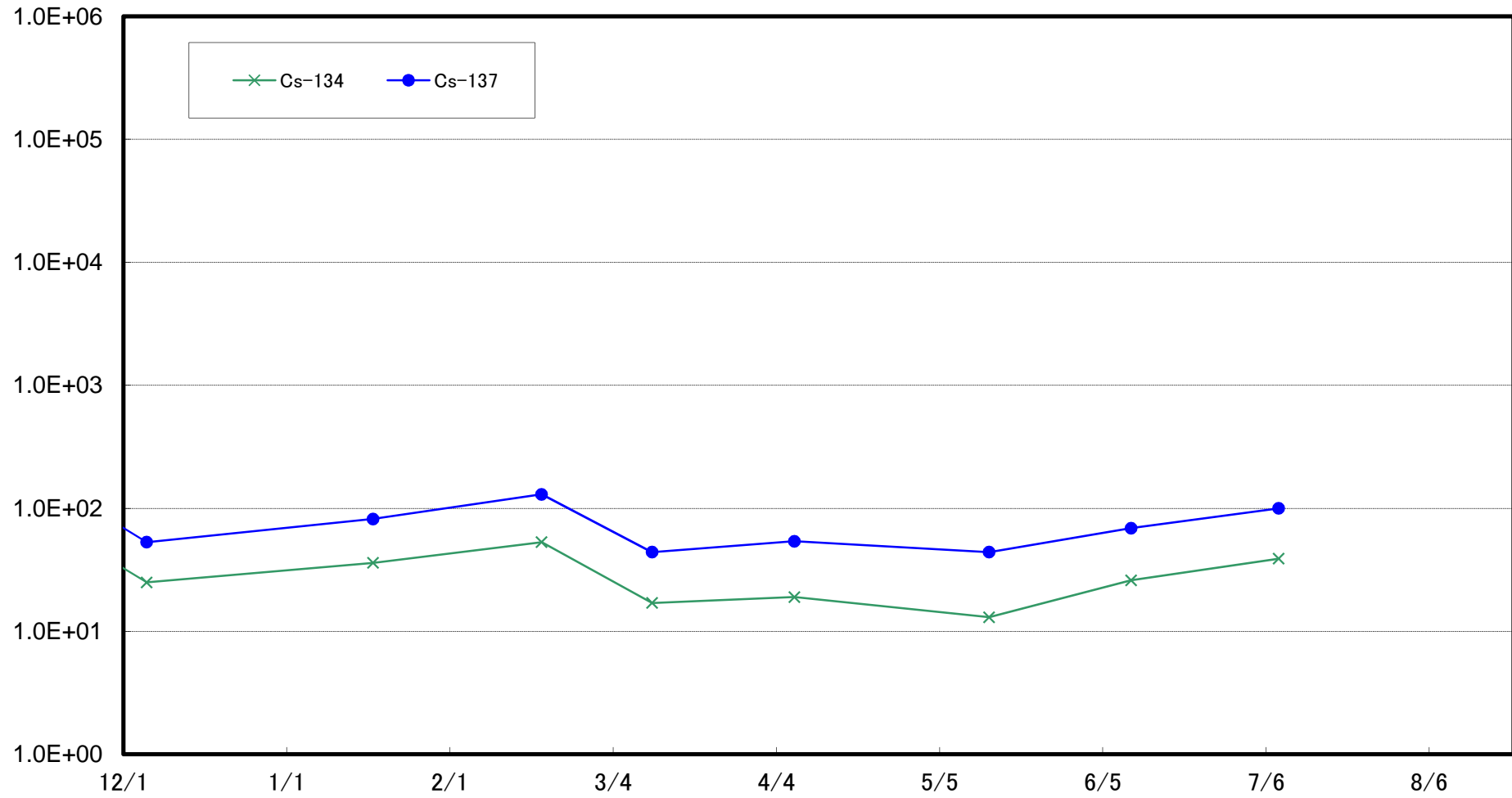




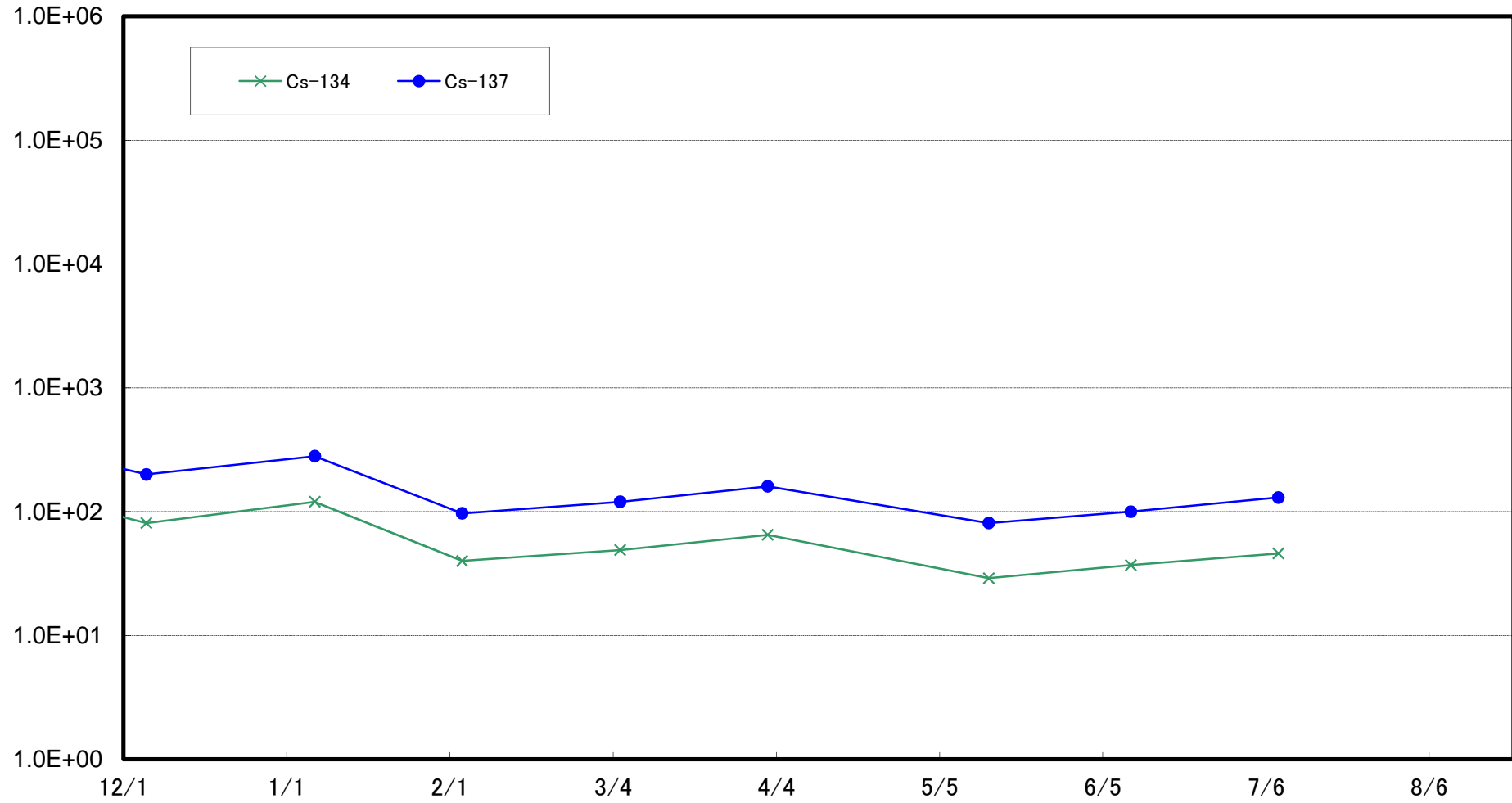
Radioactivity Density of the Marine Soil at 3km Offshore of Fukushima Daiichi NPS  
(T-D5) (Bq/kg , dry soil)



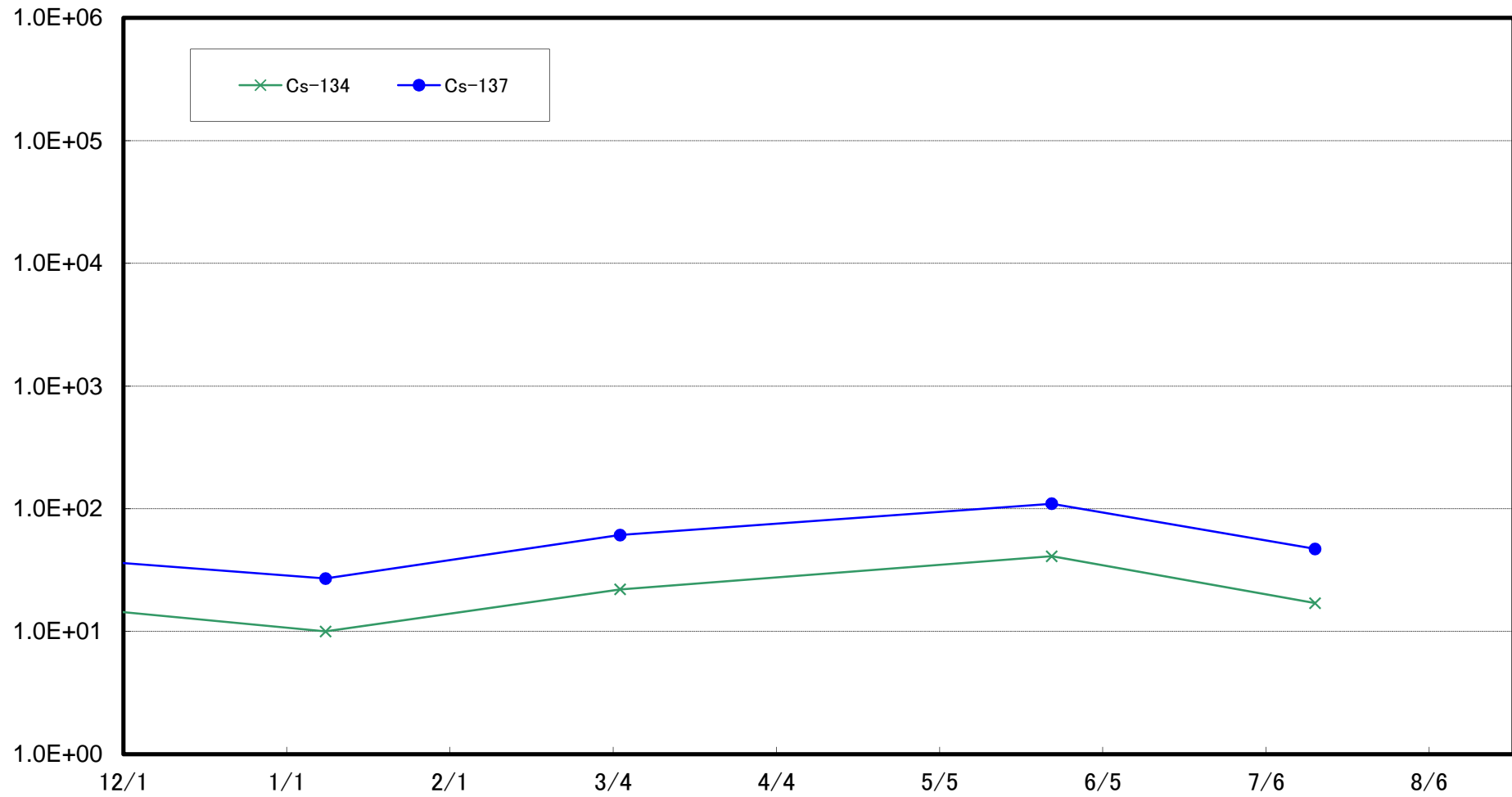
Radioactivity Density of the Marine Soil at 3km Offshore of Fukushima Daini NPS  
(T-D9) (Bq/kg, dry soil)



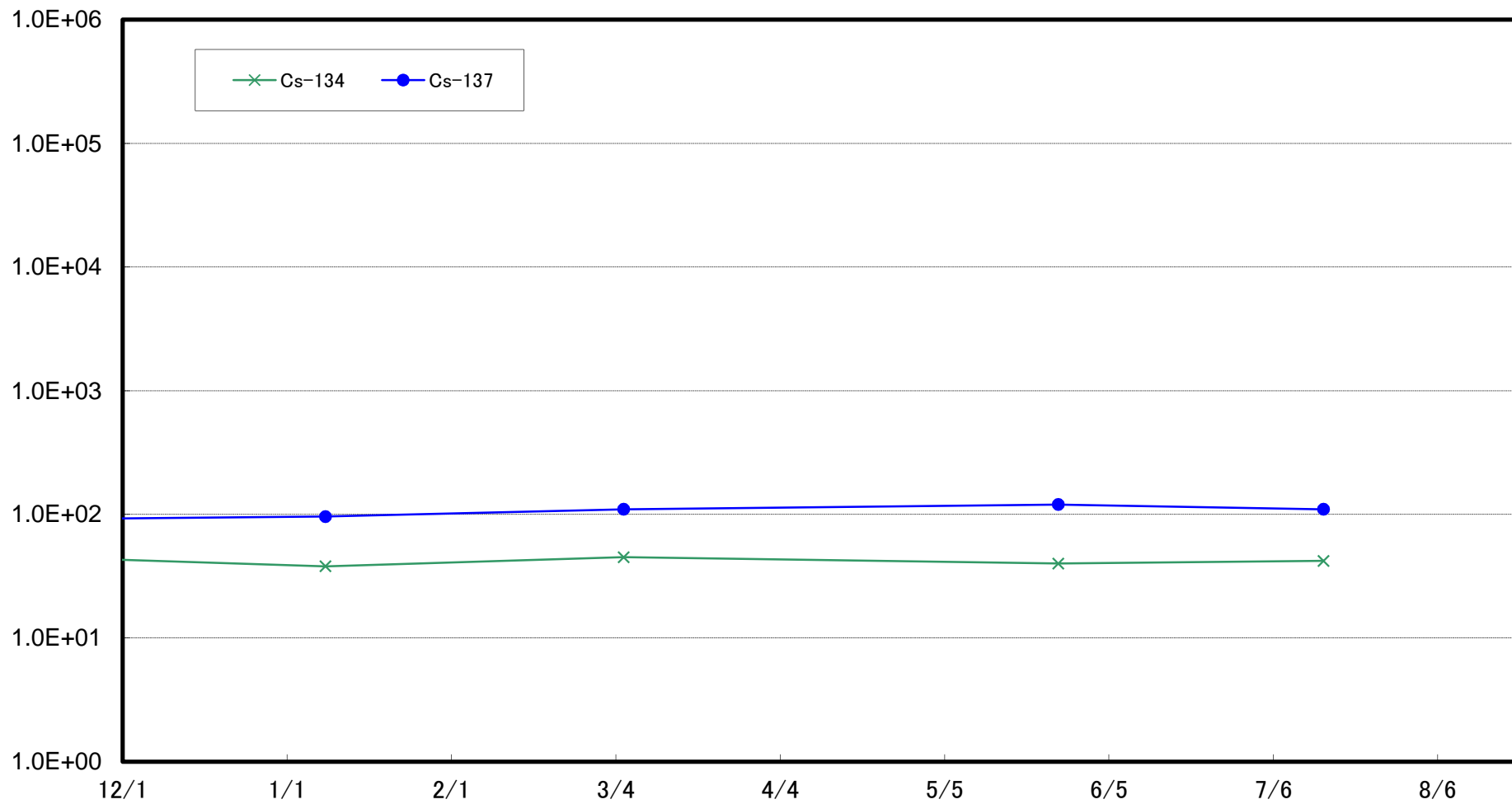
Radioactivity Density of the Marine Soil at 15km Offshore of Fukushima Daiichi NPS  
(T-5) (Bq/kg, dry soil)



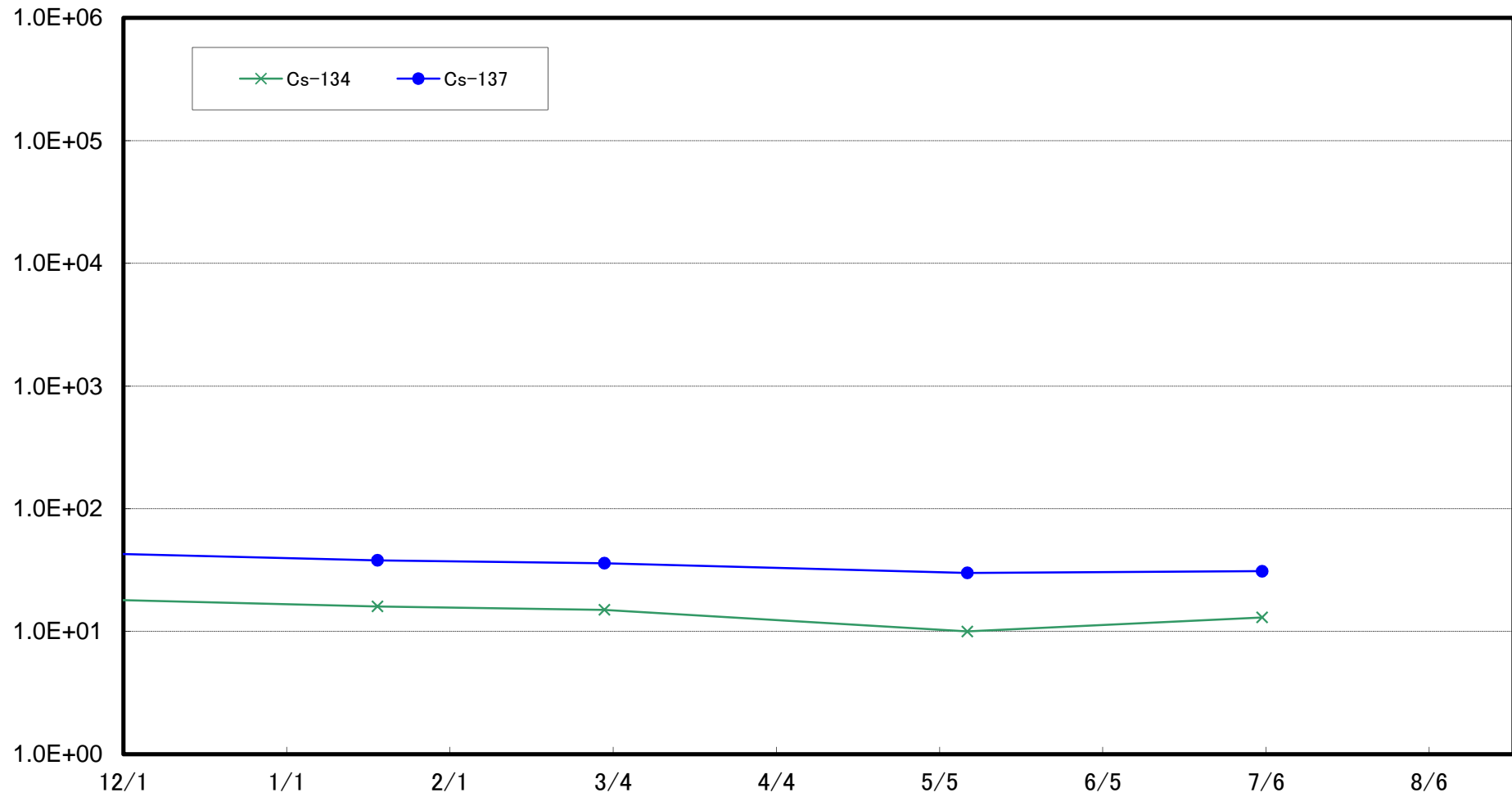
Radioactivity Density of the Marine Soil at 15km Offshore of Iwasawa Shore (T-7) (Bq/kg (dry soil))



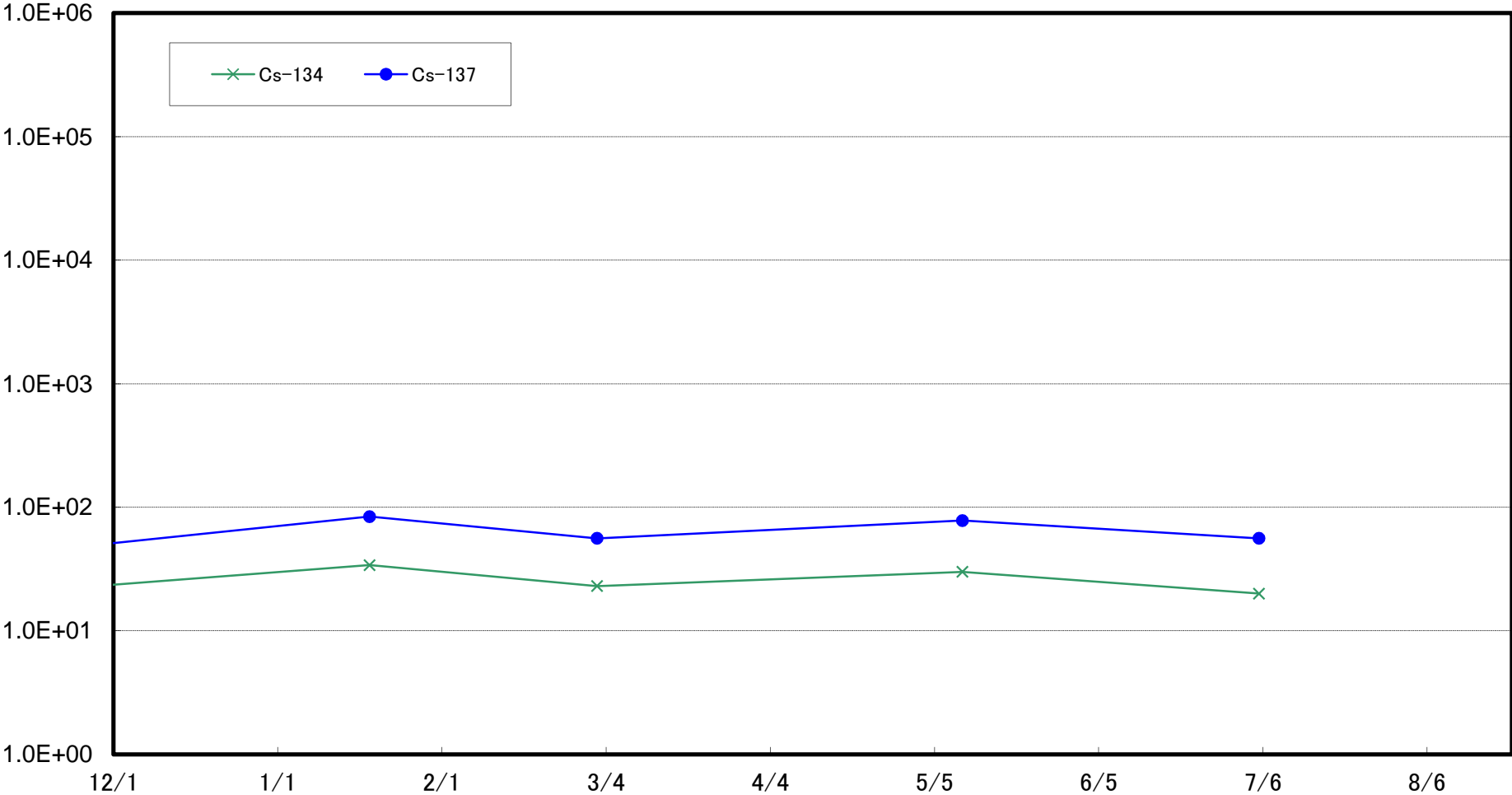
Radioactivity Density of the Marine Soil at 3km Offshore of Onahama Port (T-18) (Bq/kg (dry soil))



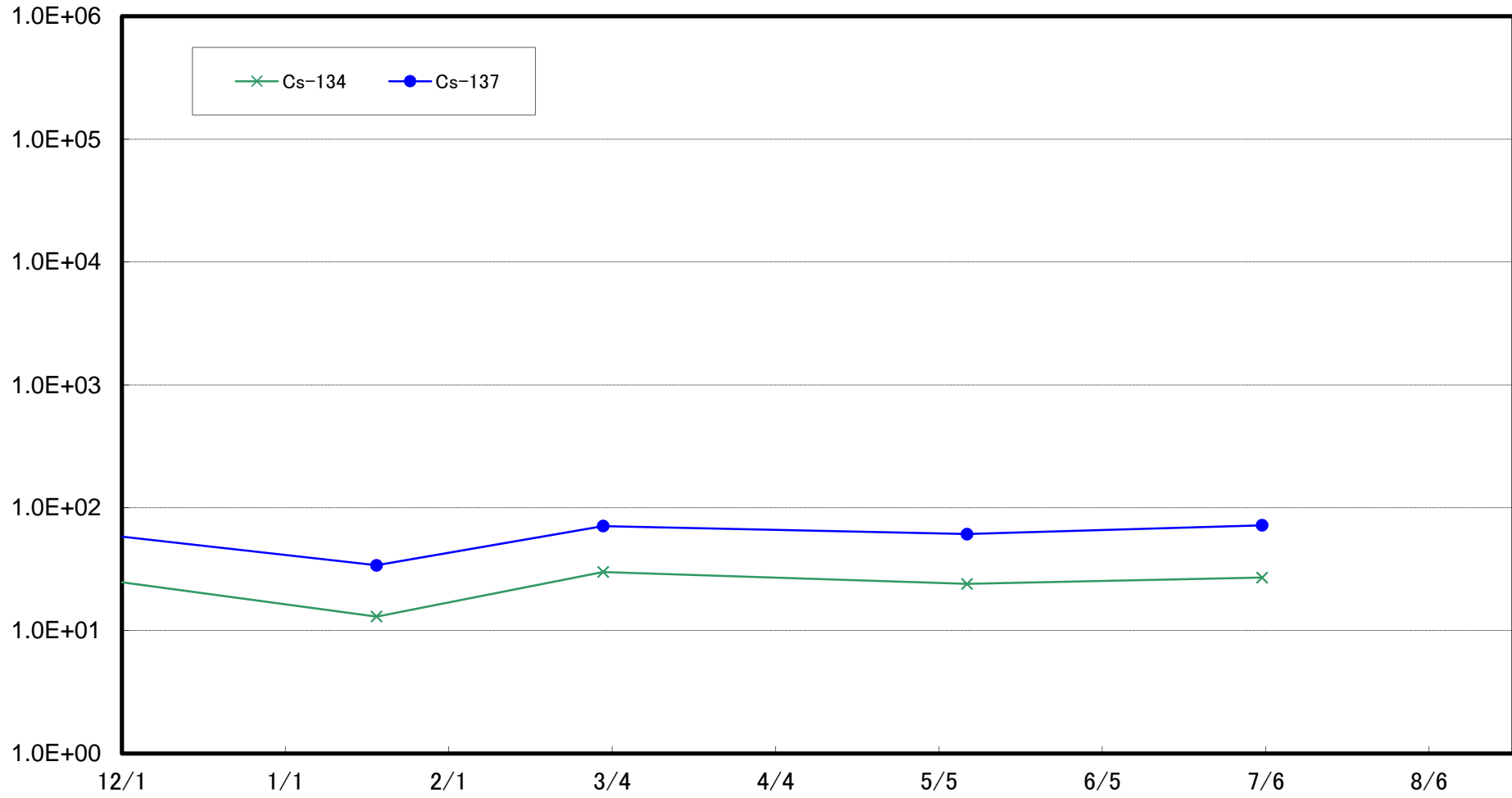
Radioactivity Density of the Marine Soil at 3km offshore of North of Iwaki City (T-12) (Bq/kg (dry soil))



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

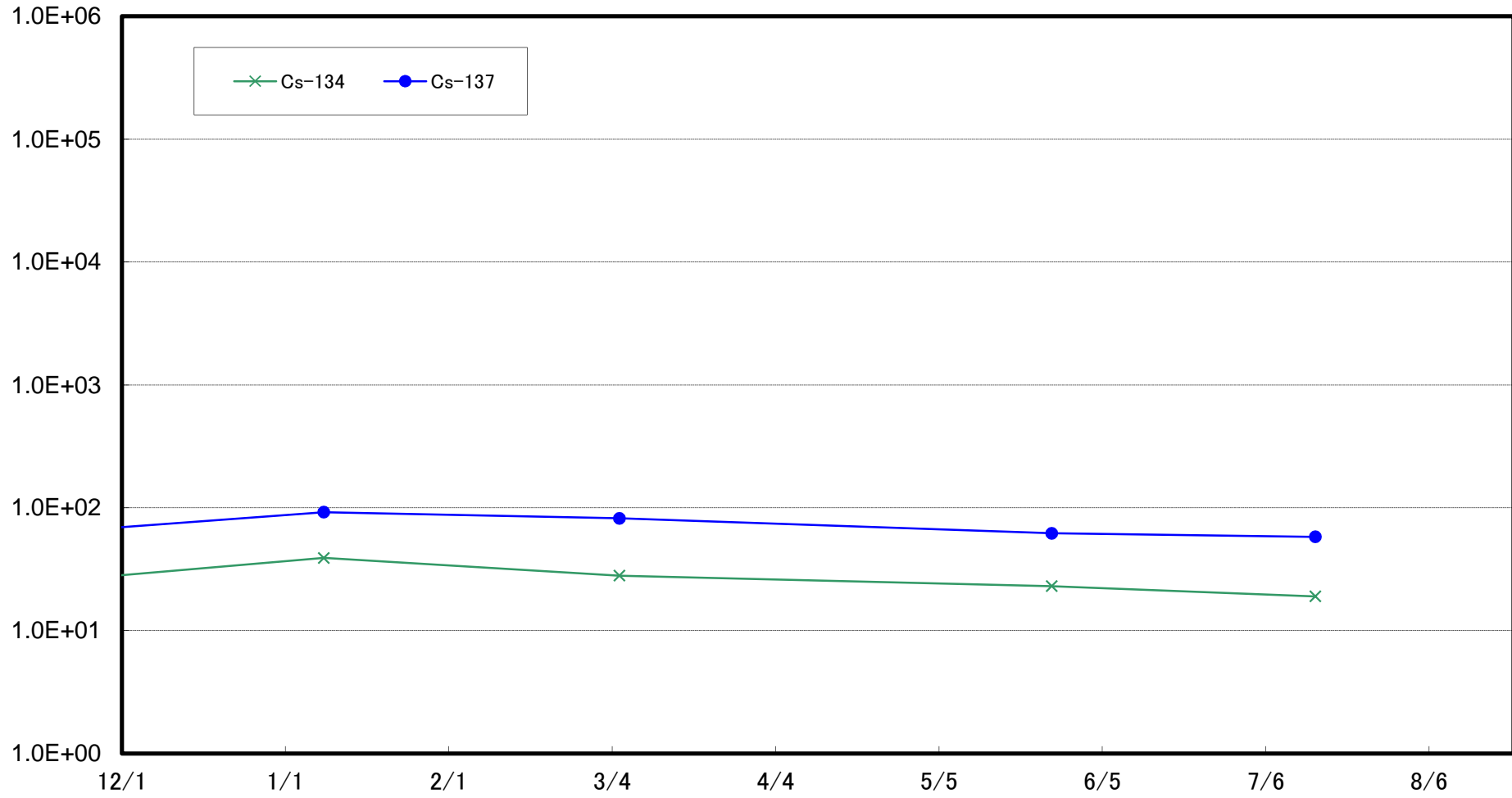


Radioactivity Density of the Marine Soil at 3km Offshore of Toyoma (T-20) (Bq/kg (dry soil))

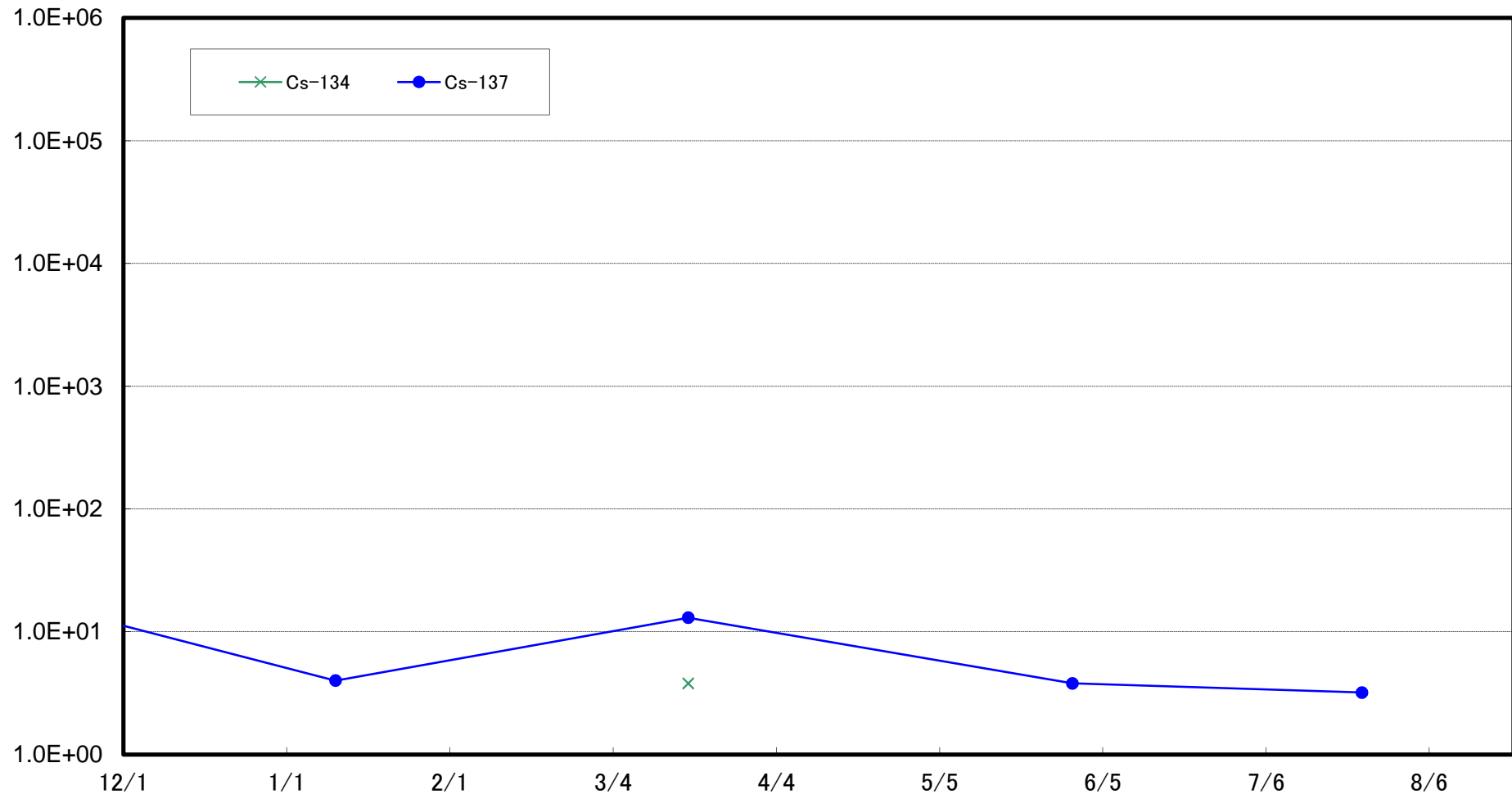




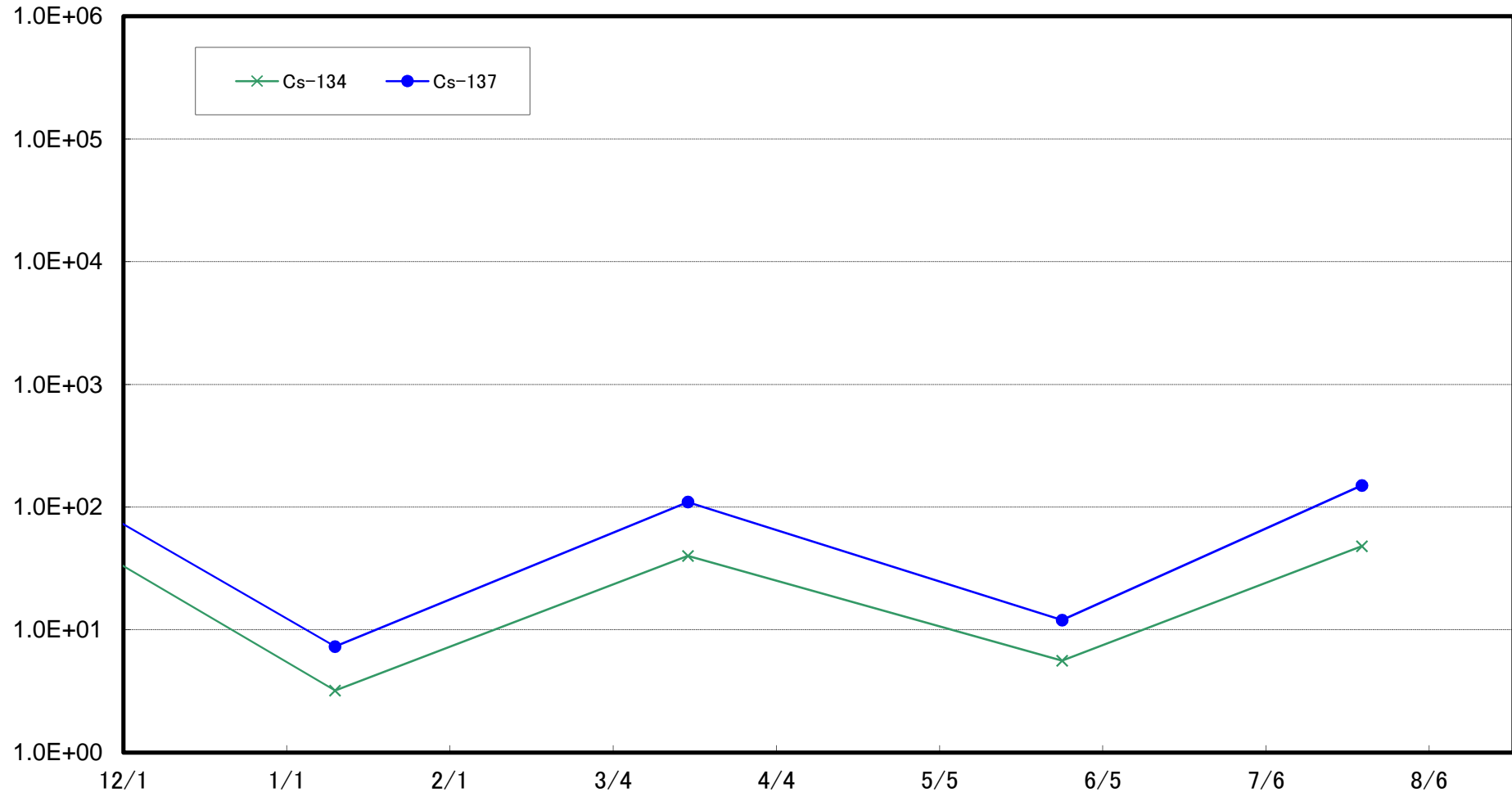
Radioactivity Density of the Marine Soil at 5km Offshore of Numanouchi (T-M10) (Bq/kg (dry soil))



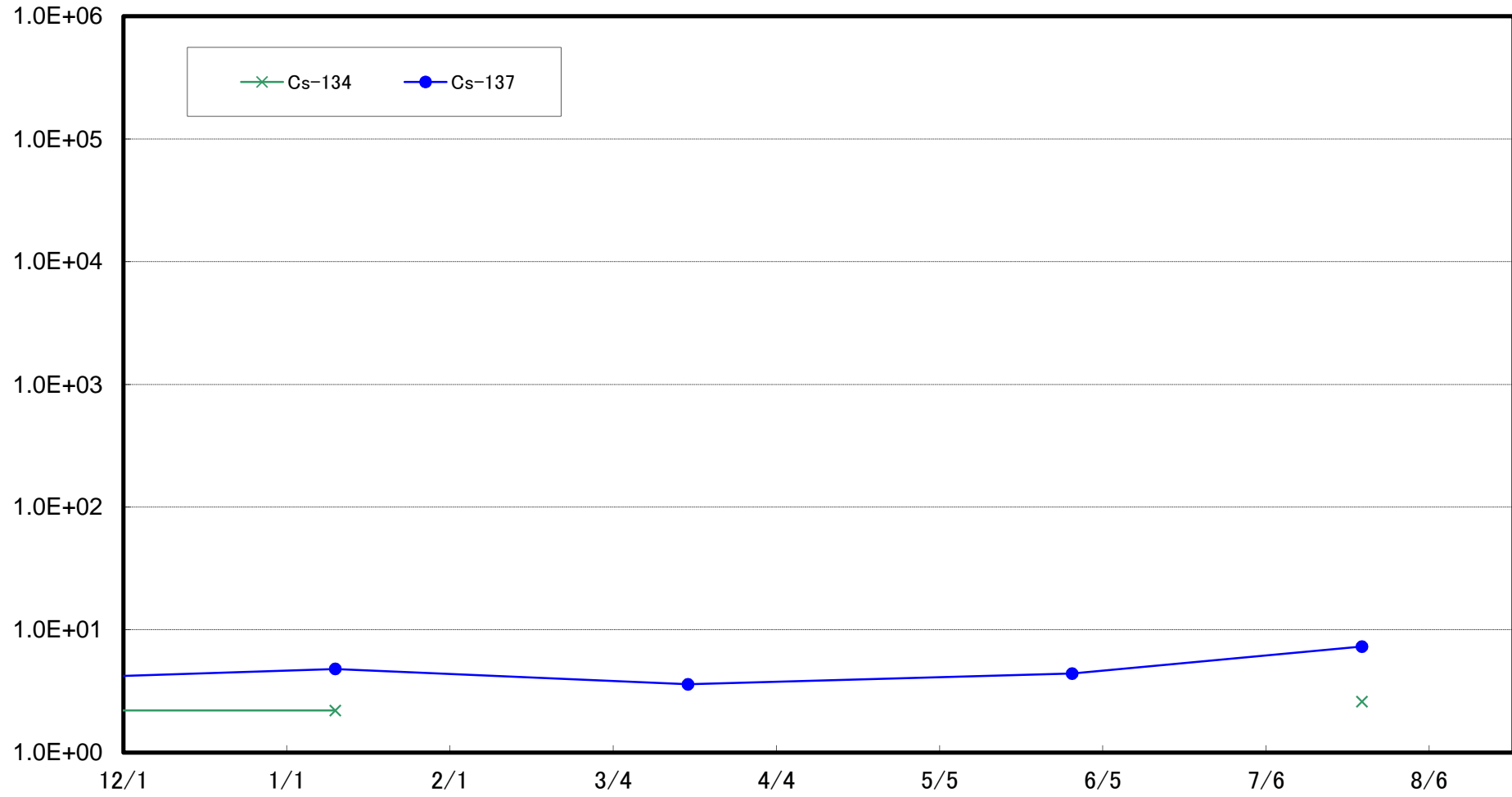
Radioactivity Density of the Marine Soil at 1km Offshore of Nida River (T-13-1) (Bq/kg (dry soil))



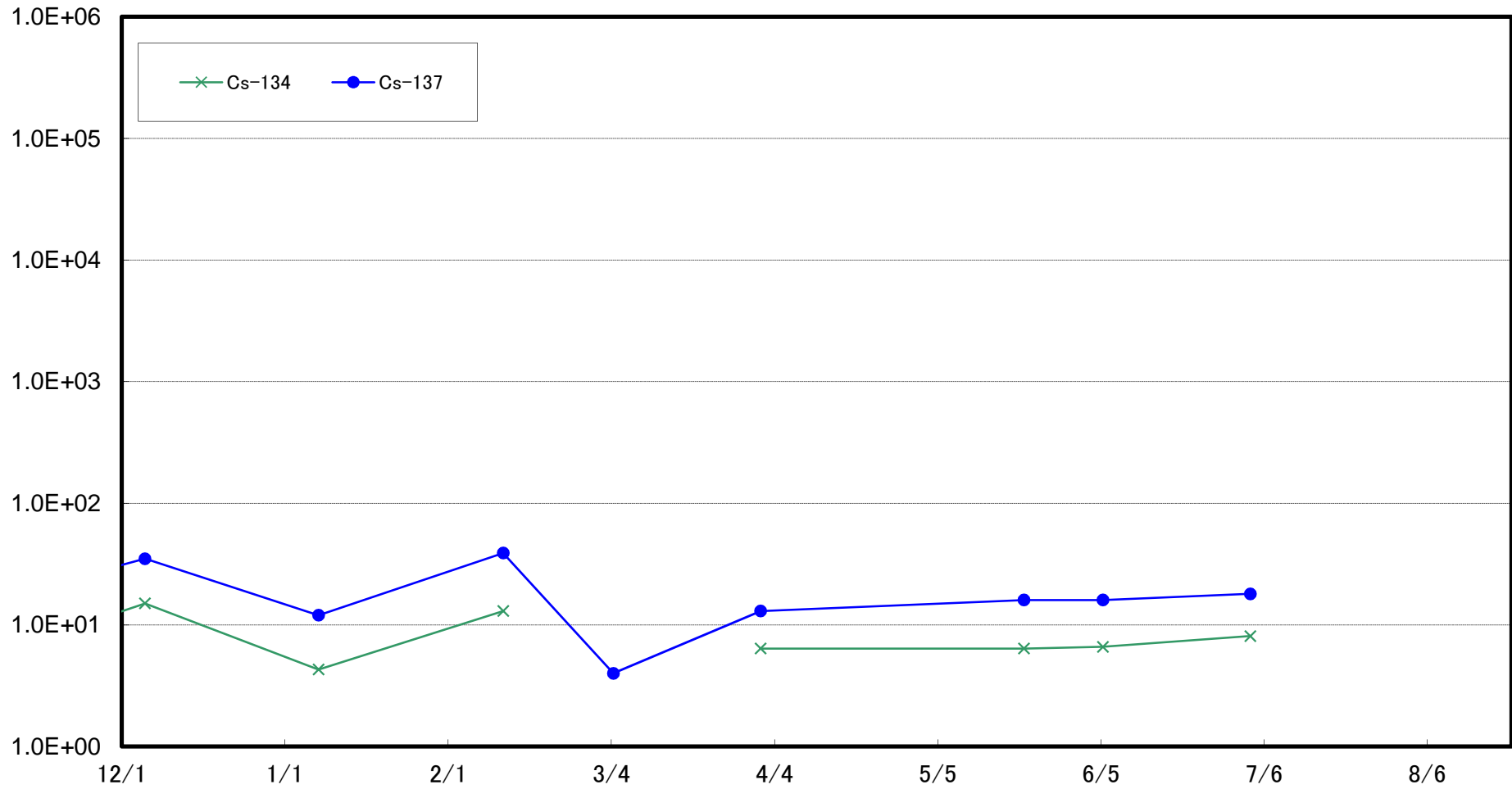
Radioactivity Density of the Marine Soil at 3km Offshore of Soma (T-22) (Bq/kg (dry soil))



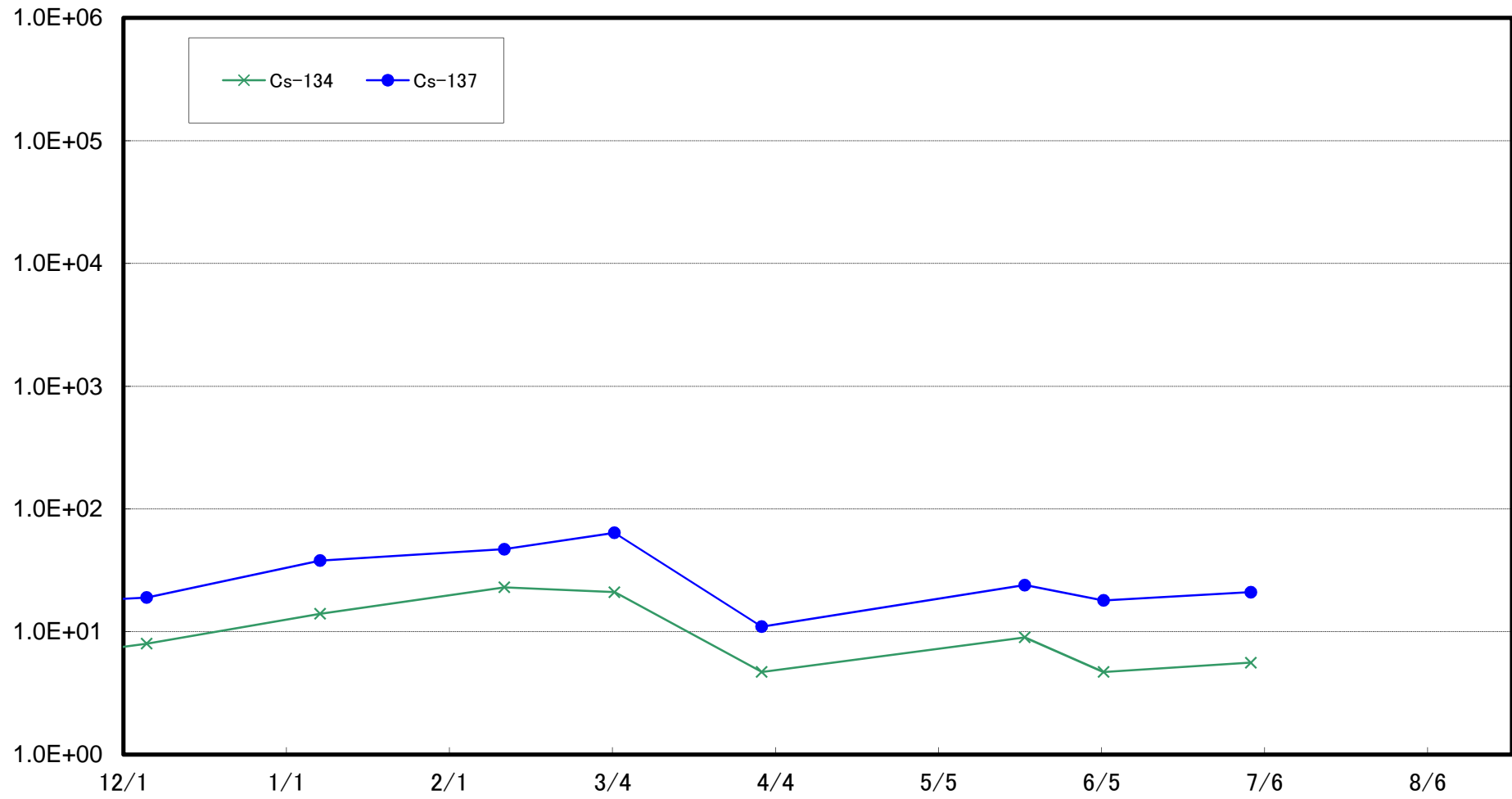
Radioactivity Density of the Marine Soil at 5km Offshore of Kashima (T-MA) (Bq/kg (dry soil))



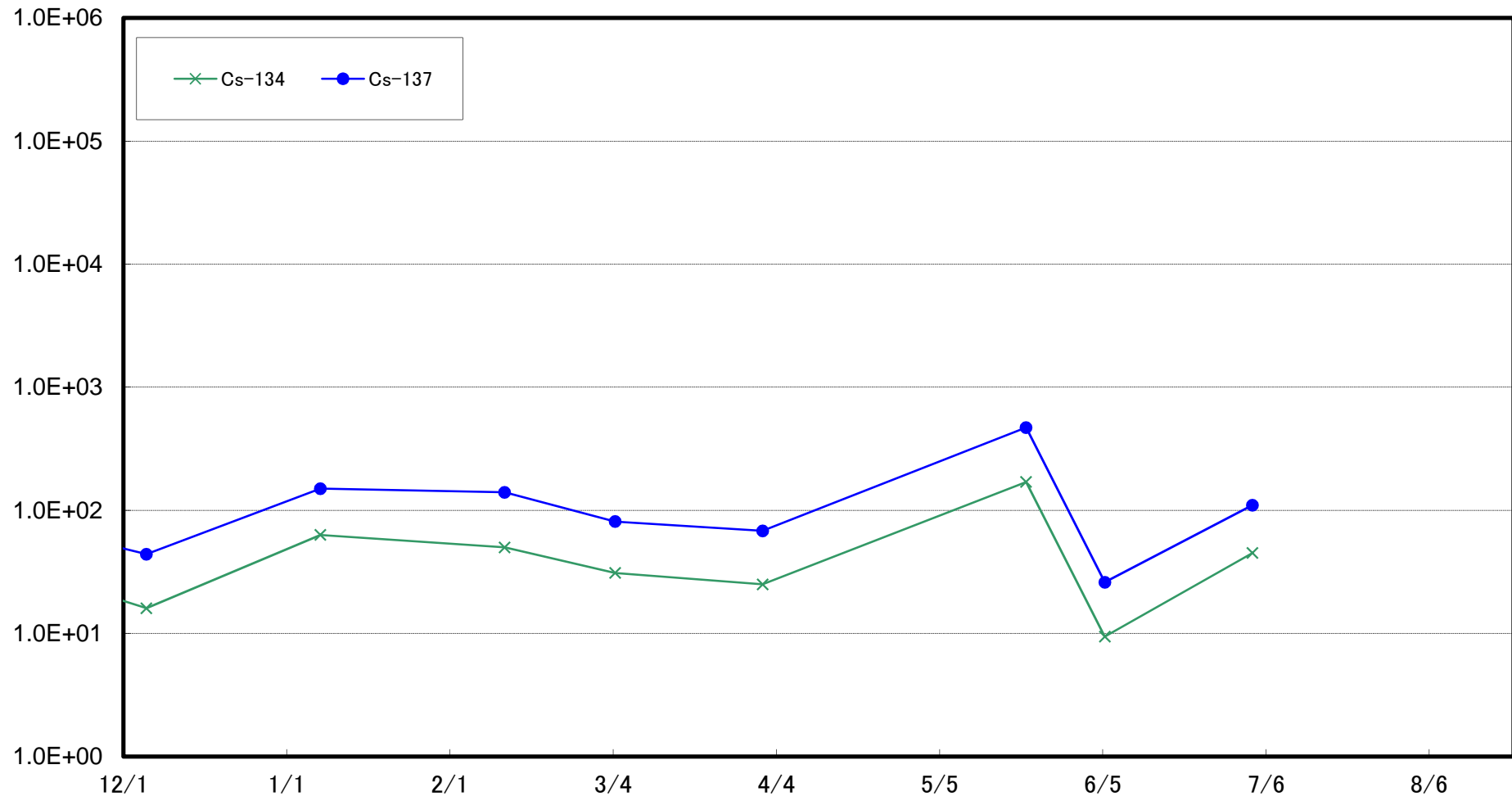
Radioactivity Density of the Marine Soil at 1km Offshore of Murakami, Odaka Ward (T-①) (Bq/kg (dry soil))



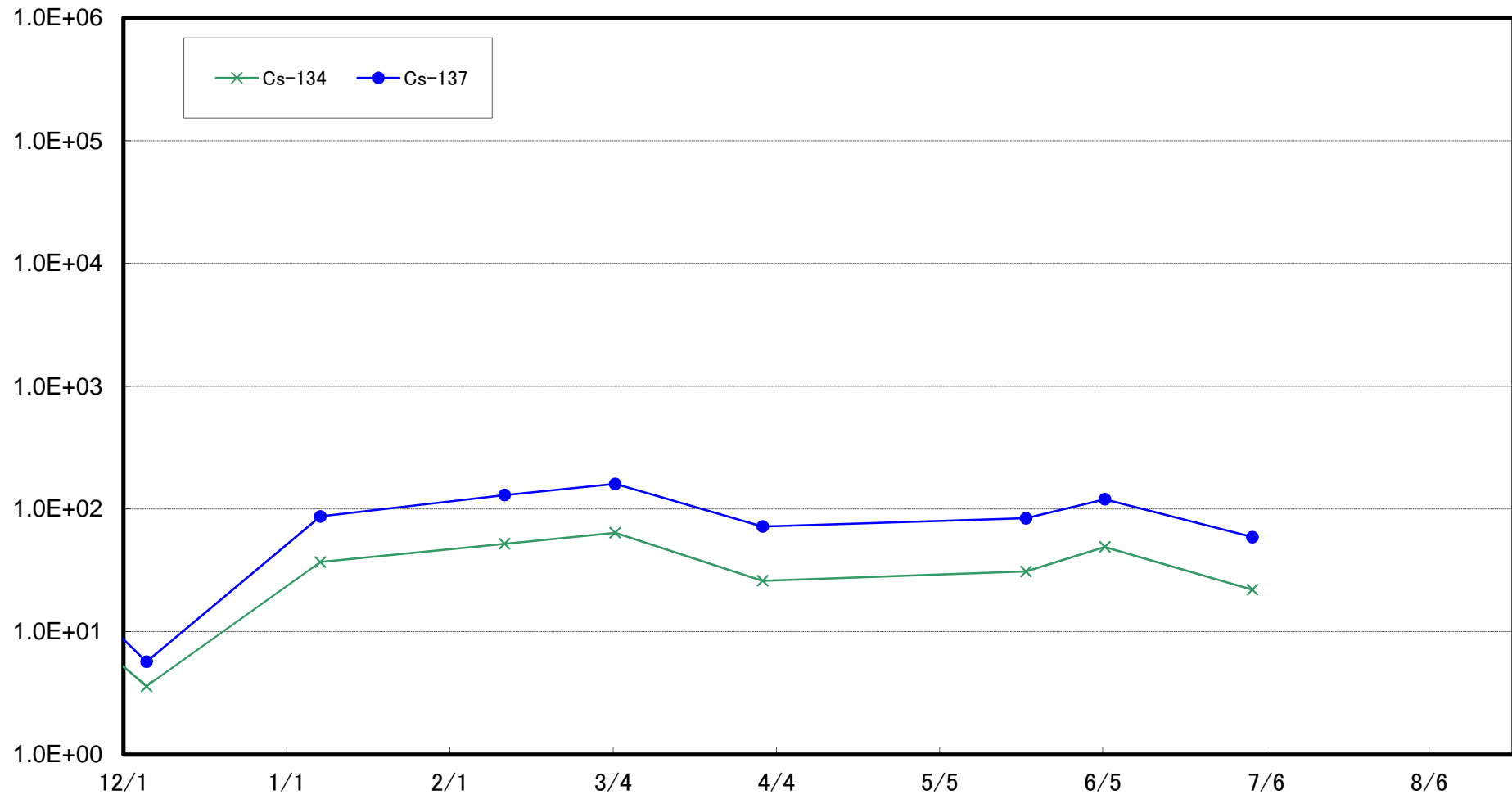
Radioactivity Density of the Marine Soil at 2km Offshore of Murakami, Odaka Ward (T-②) (Bq/kg (dry soil))



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

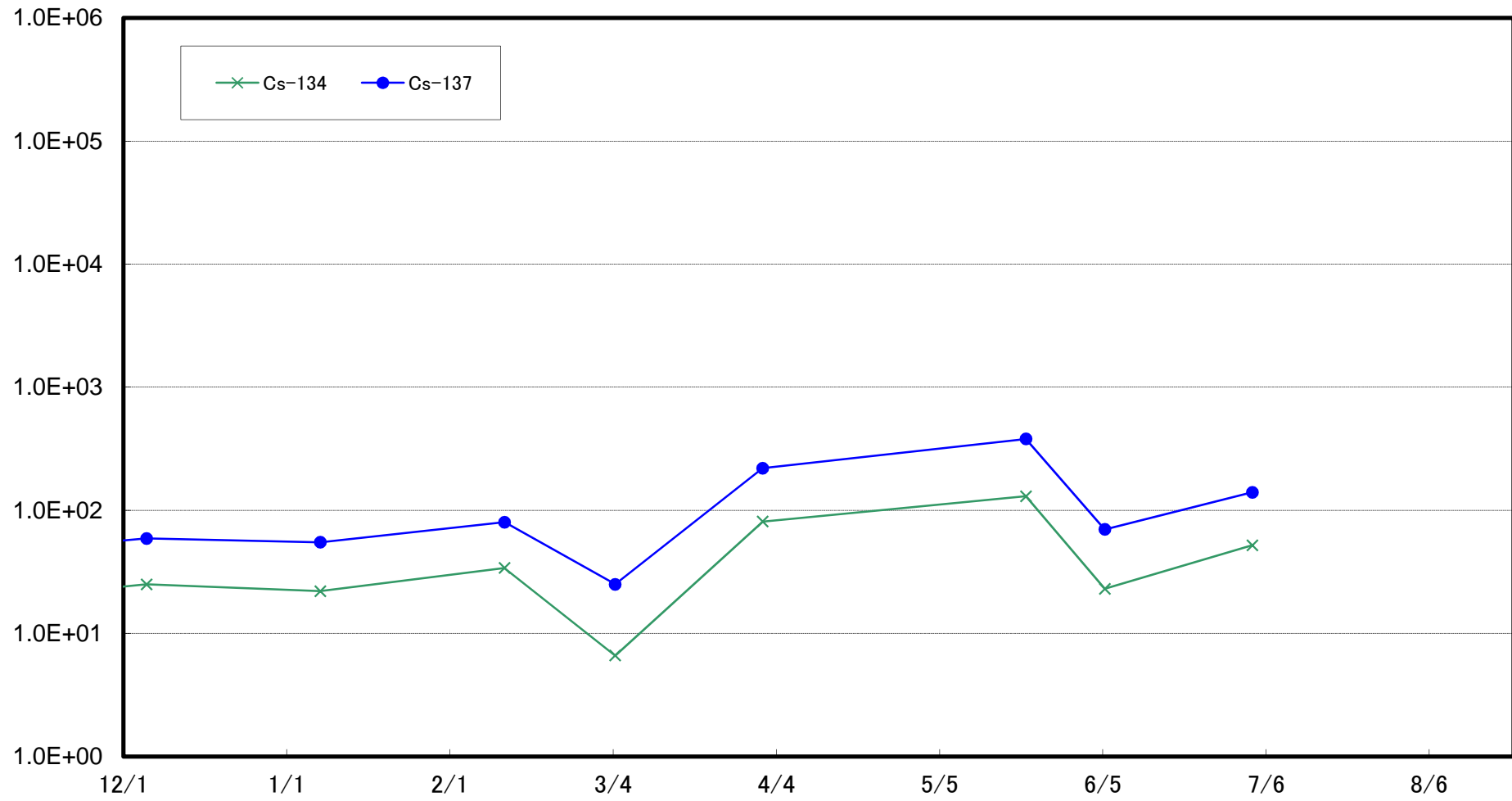


Radioactivity Density of the Marine Soil at 2km Offshore of Ukedo, Namie Town (T-④) (Bq/kg (dry soil))

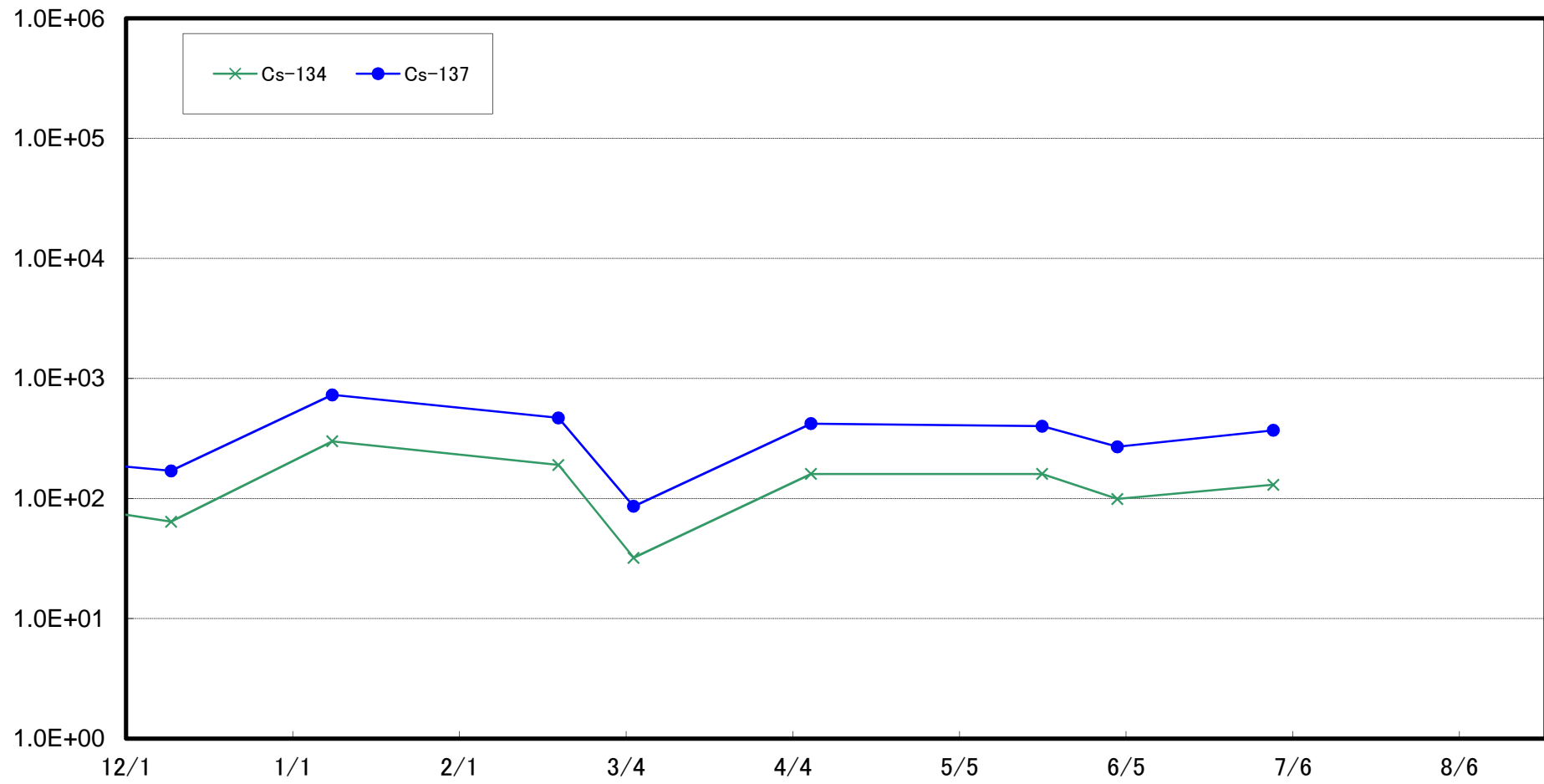




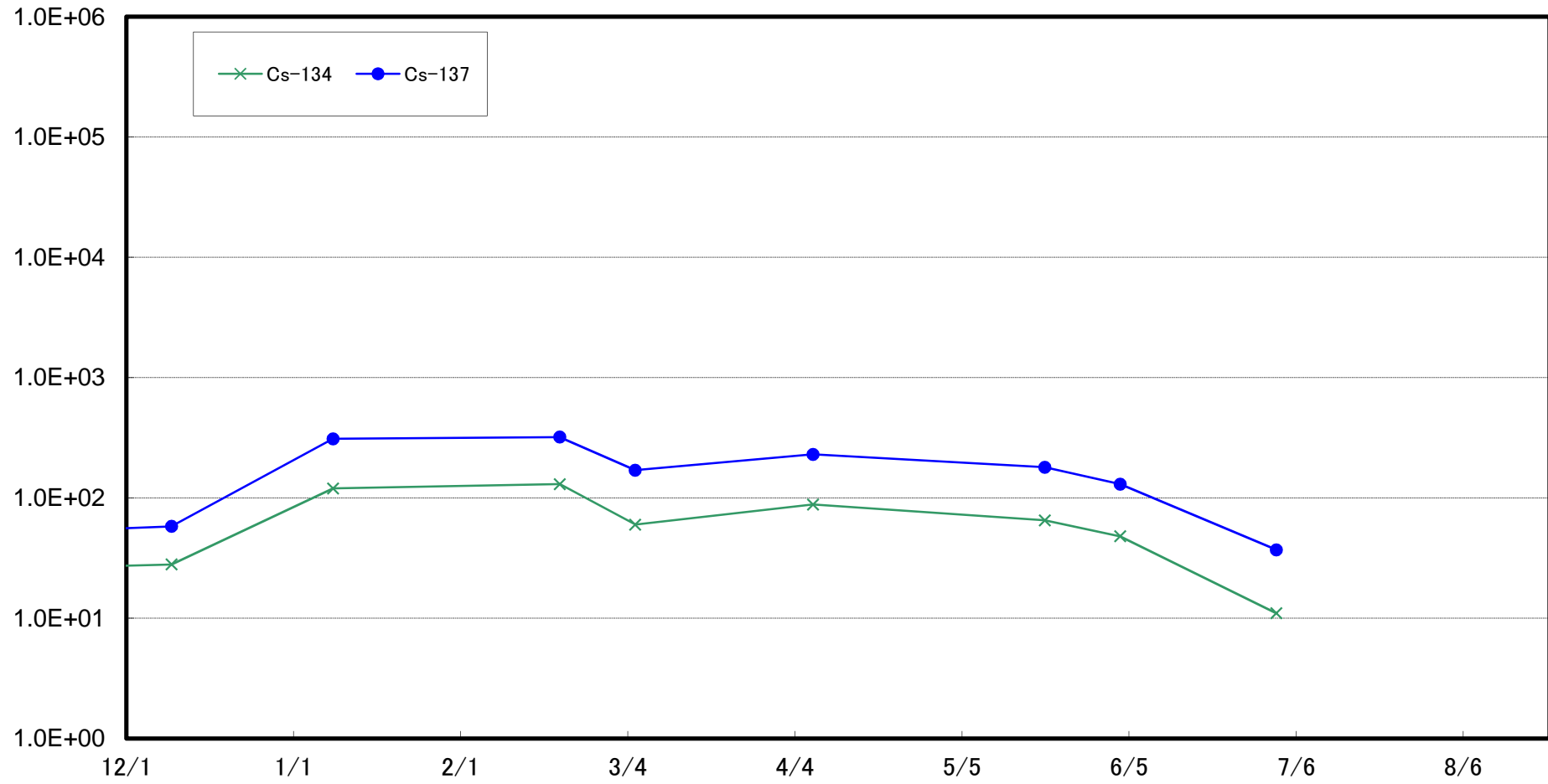
Radioactivity Density of the Marine Soil at 3km Offshore of Ukedo, Namie Town (T-⑤) (Bq/kg (dry soil))



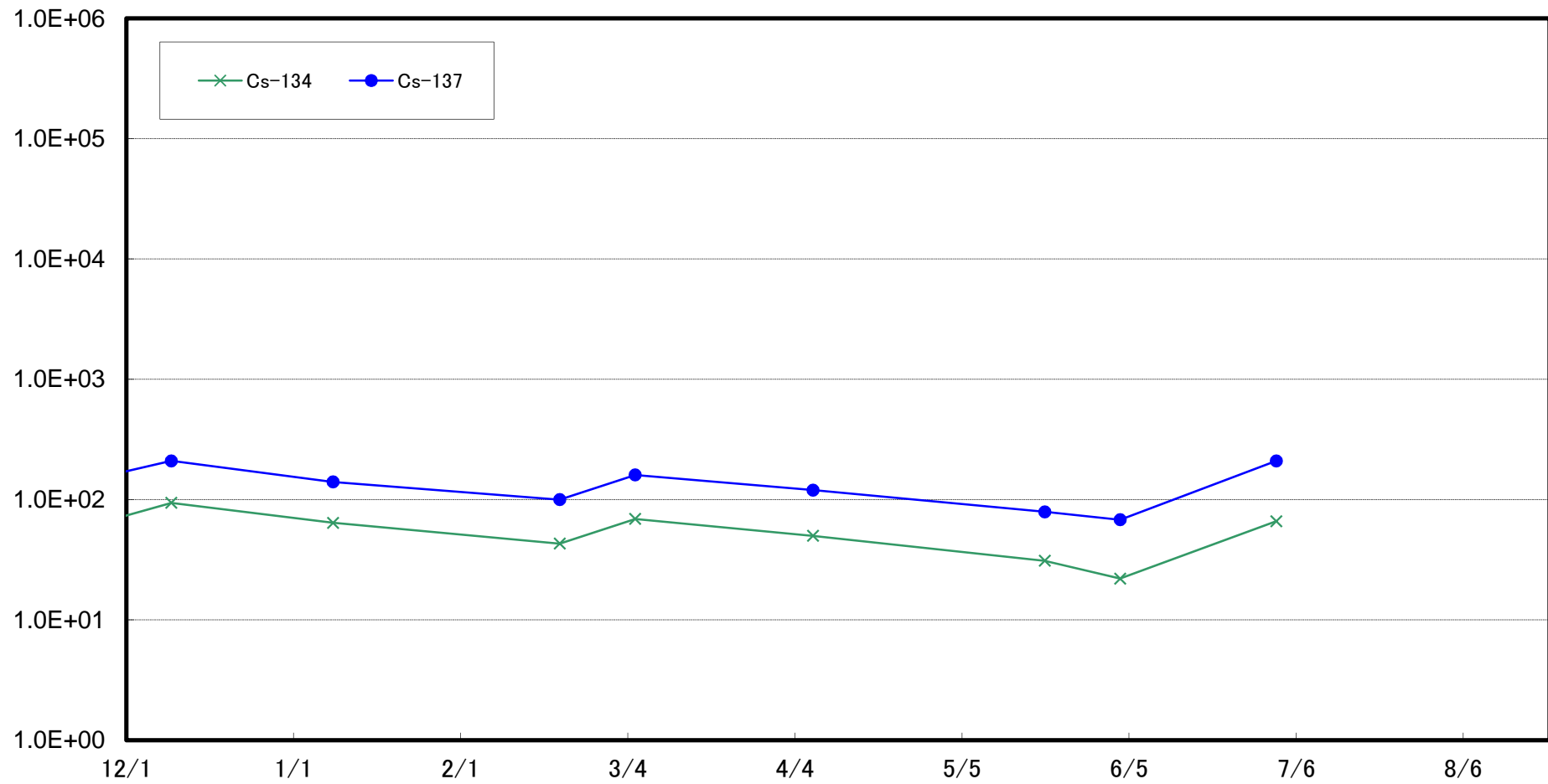
Radioactivity Density of the Marine Soil at 1km Offshore of Kumagawa, Okuma Town (T-⑥) (Bq/kg (dry soil))



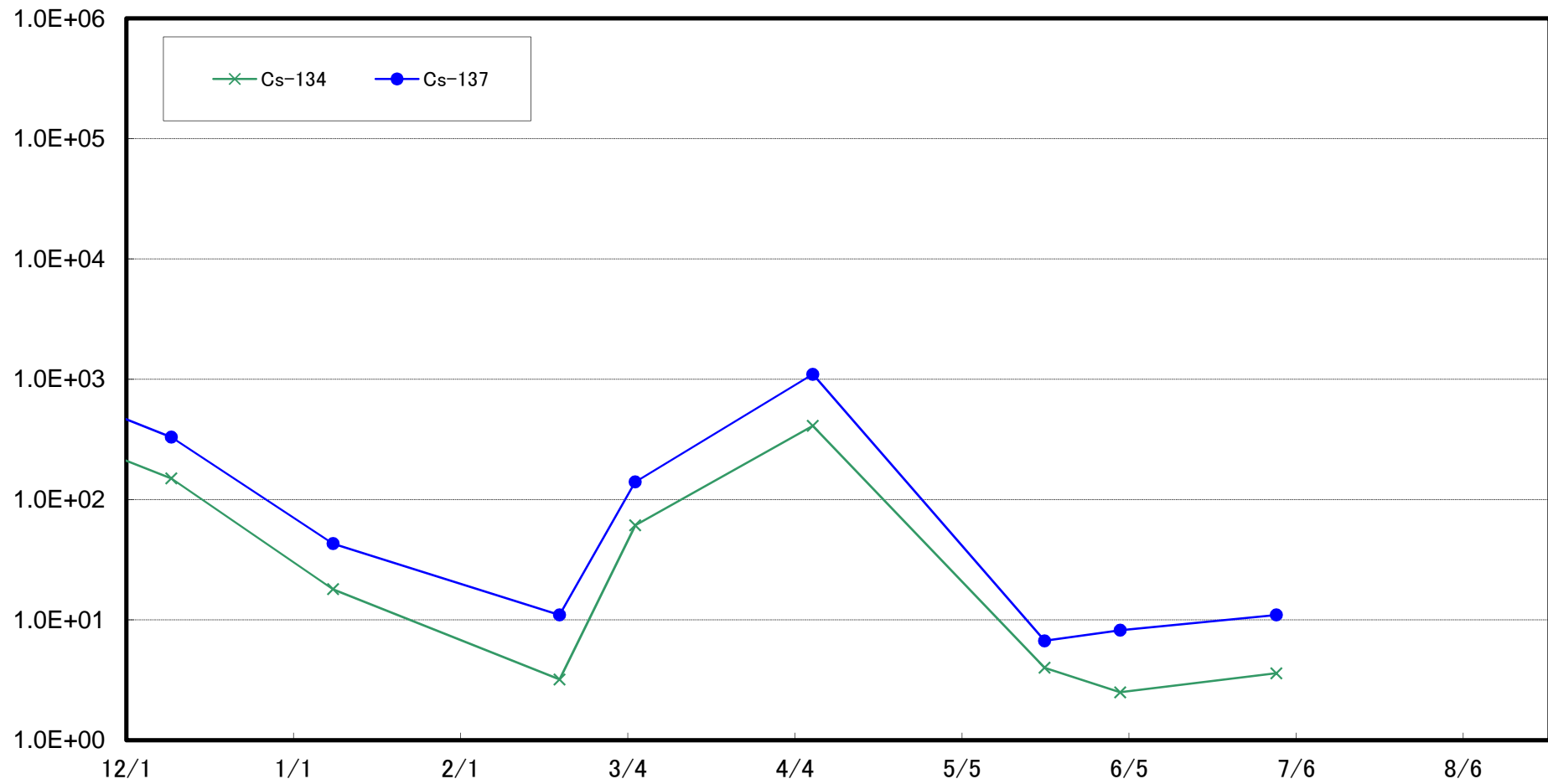
Radioactivity Density of the Marine Soil at 2km Offshore of Kumagawa, Okuma Town (T-⑦) (Bq/kg (dry soil))



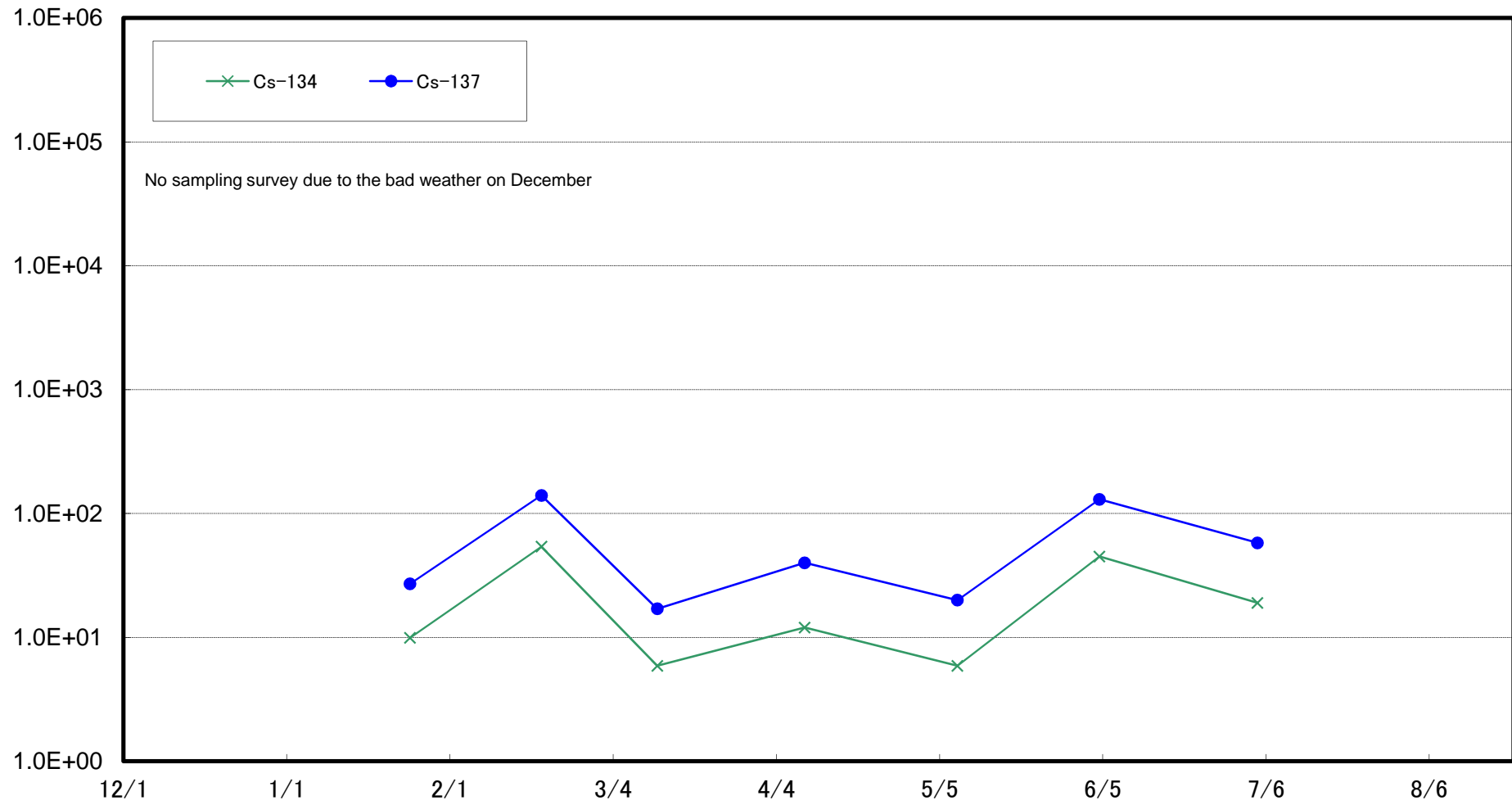
Radioactivity Density of the Marine Soil at 3km Offshore of Kumagawa, Okuma Town (T-⑧) (Bq/kg (dry soil))



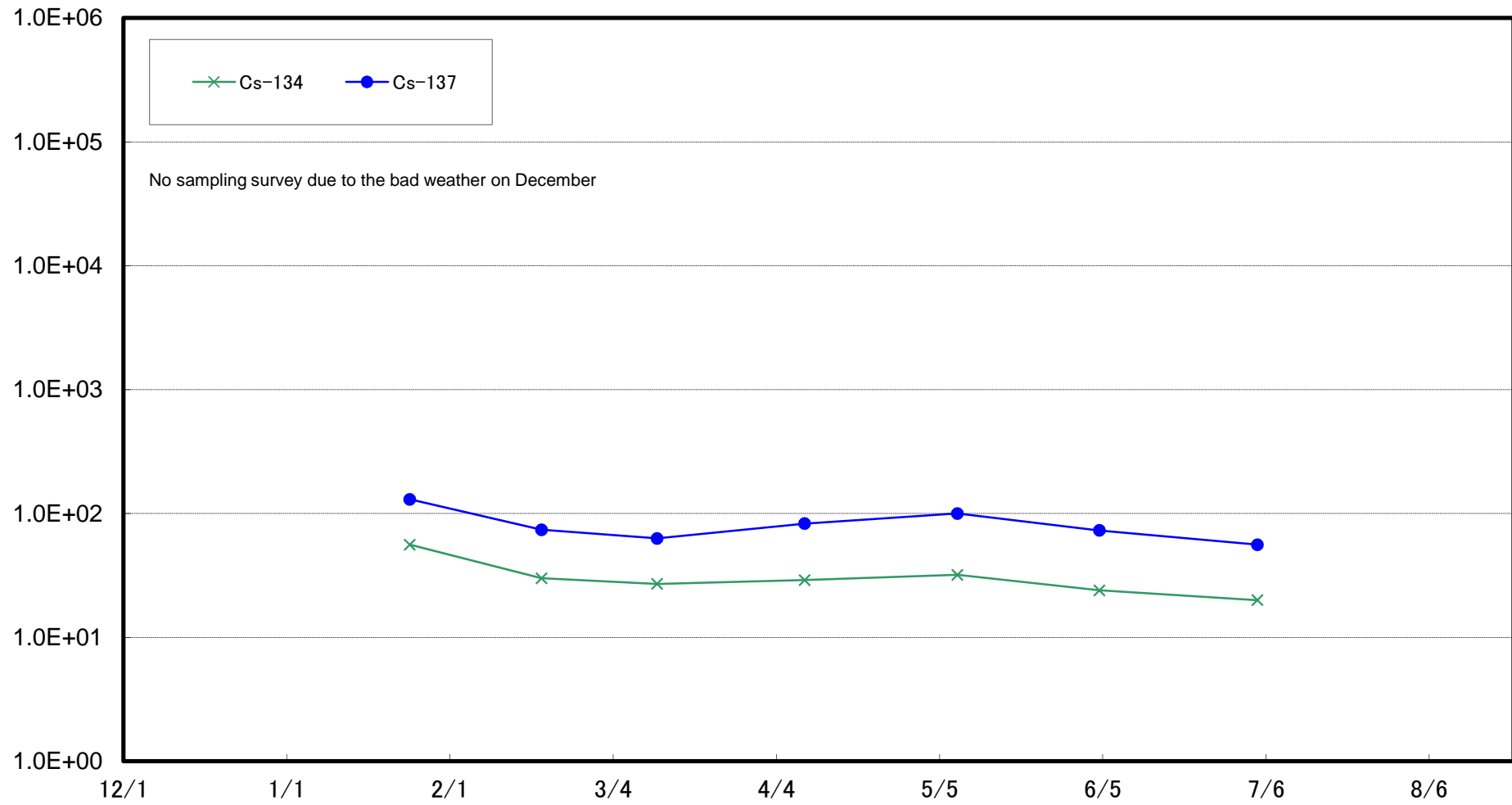
Radioactivity Density of the Marine Soil at 5km Offshore of Kumagawa, Okuma Town (T-9) (Bq/kg (dry soil))



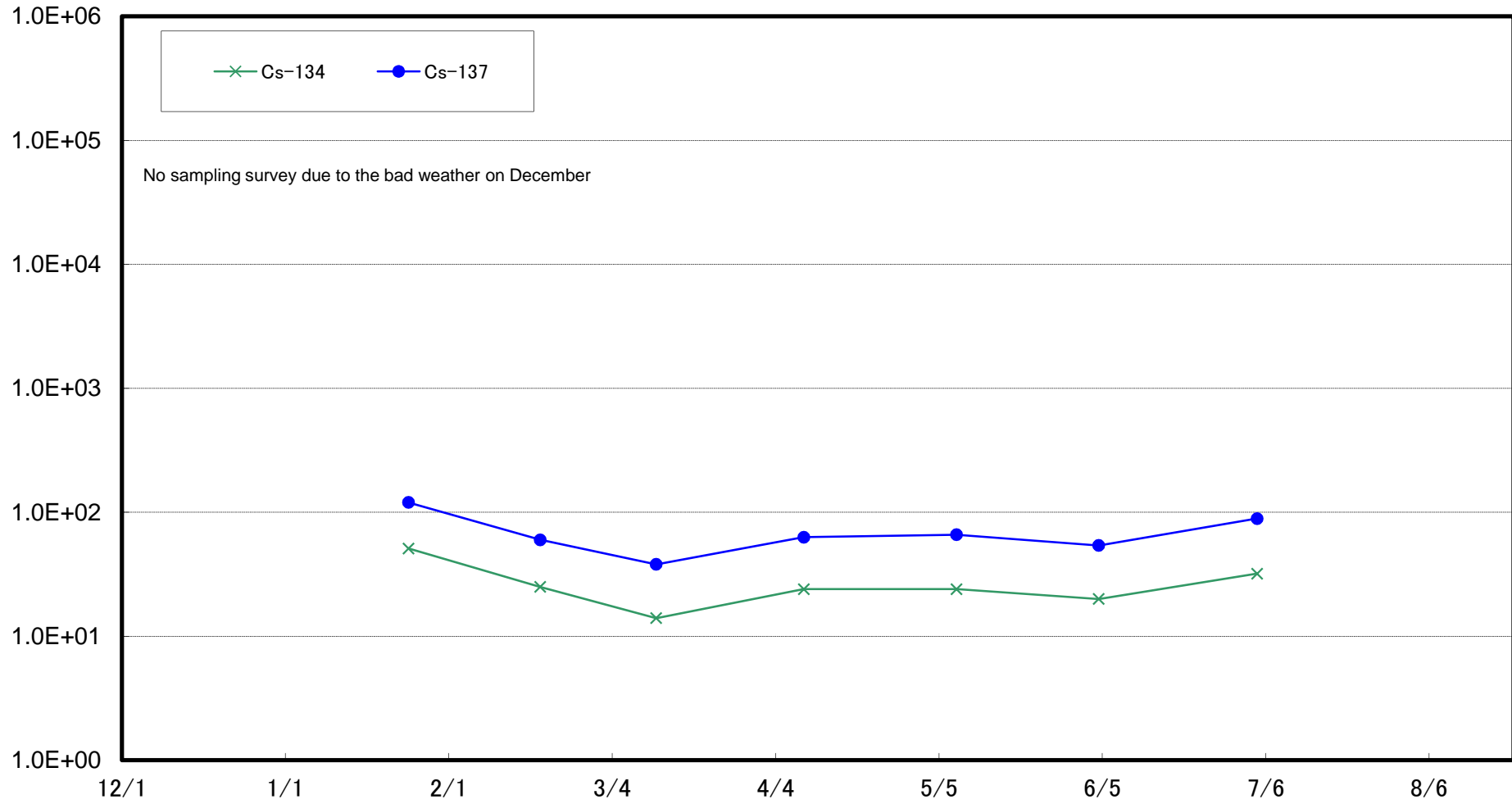
Radioactivity Density of the Marine Soil at 10km Offshore of Kumagawa, Okuma Town (T-10) (Bq/kg (dry soil))



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

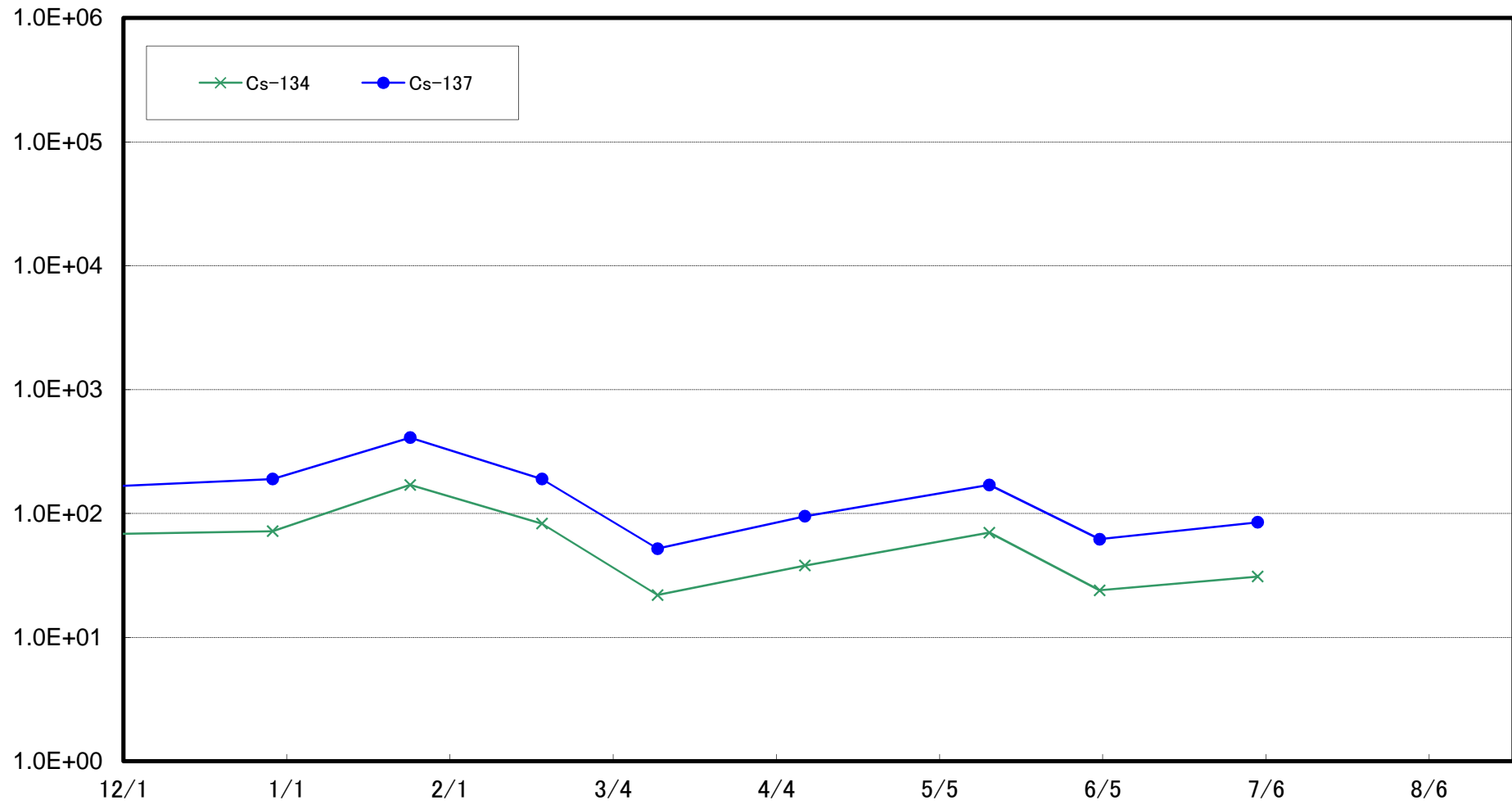


Radioactivity Density of the Marine Soil at 20km Offshore of Kumagawa, Okuma Town (T-12) (Bq/kg (dry soil))

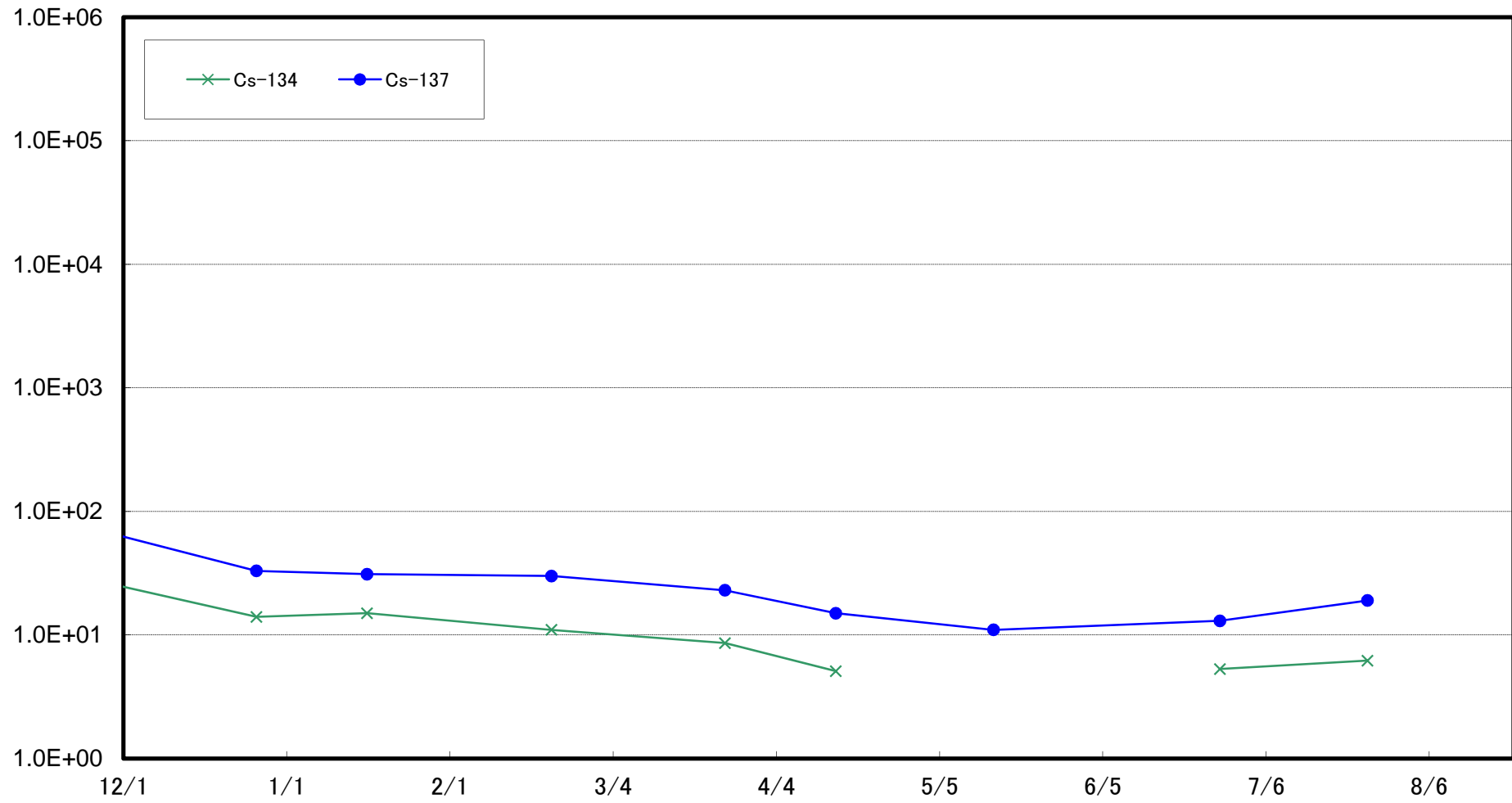




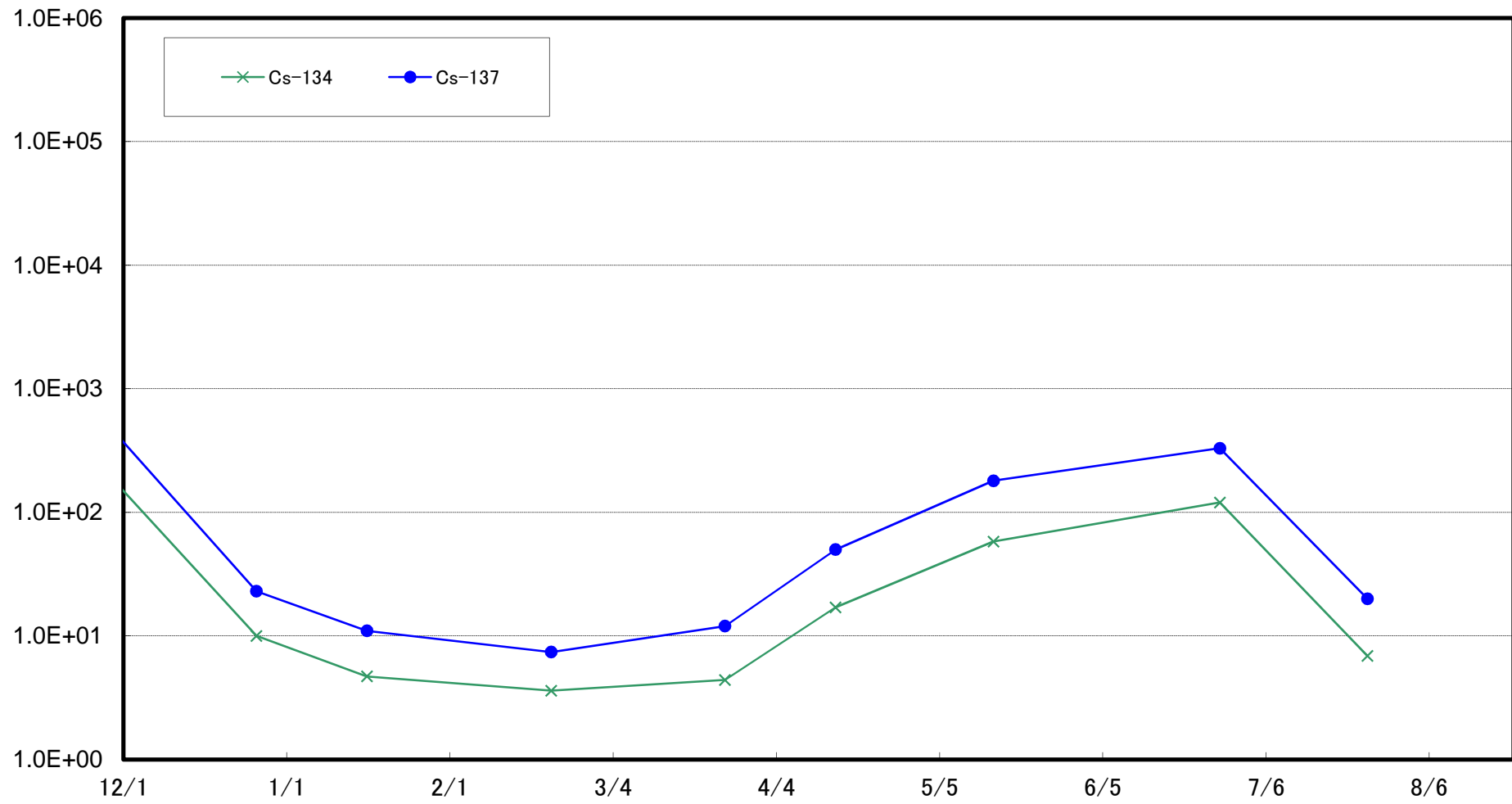
Radioactivity Density of the Marine Soil at 1km Offshore of Yamadahama, Naraha Town (T-⑬) (Bq/kg (dry soil))



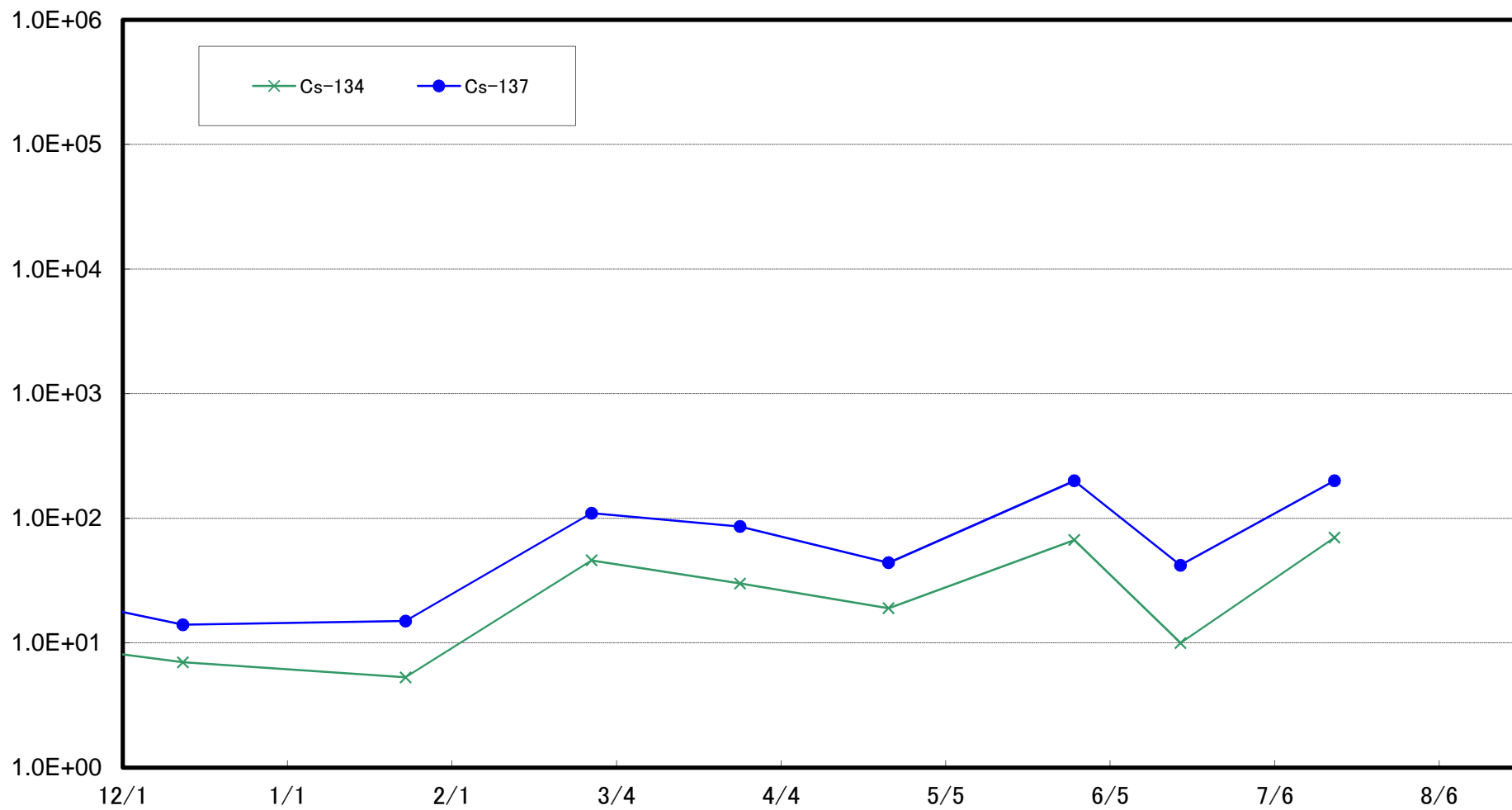
Radioactivity Density of the Marine Soil at Around 1km Offshore of Ota River (T-S1) (Bq/kg (dry soil))



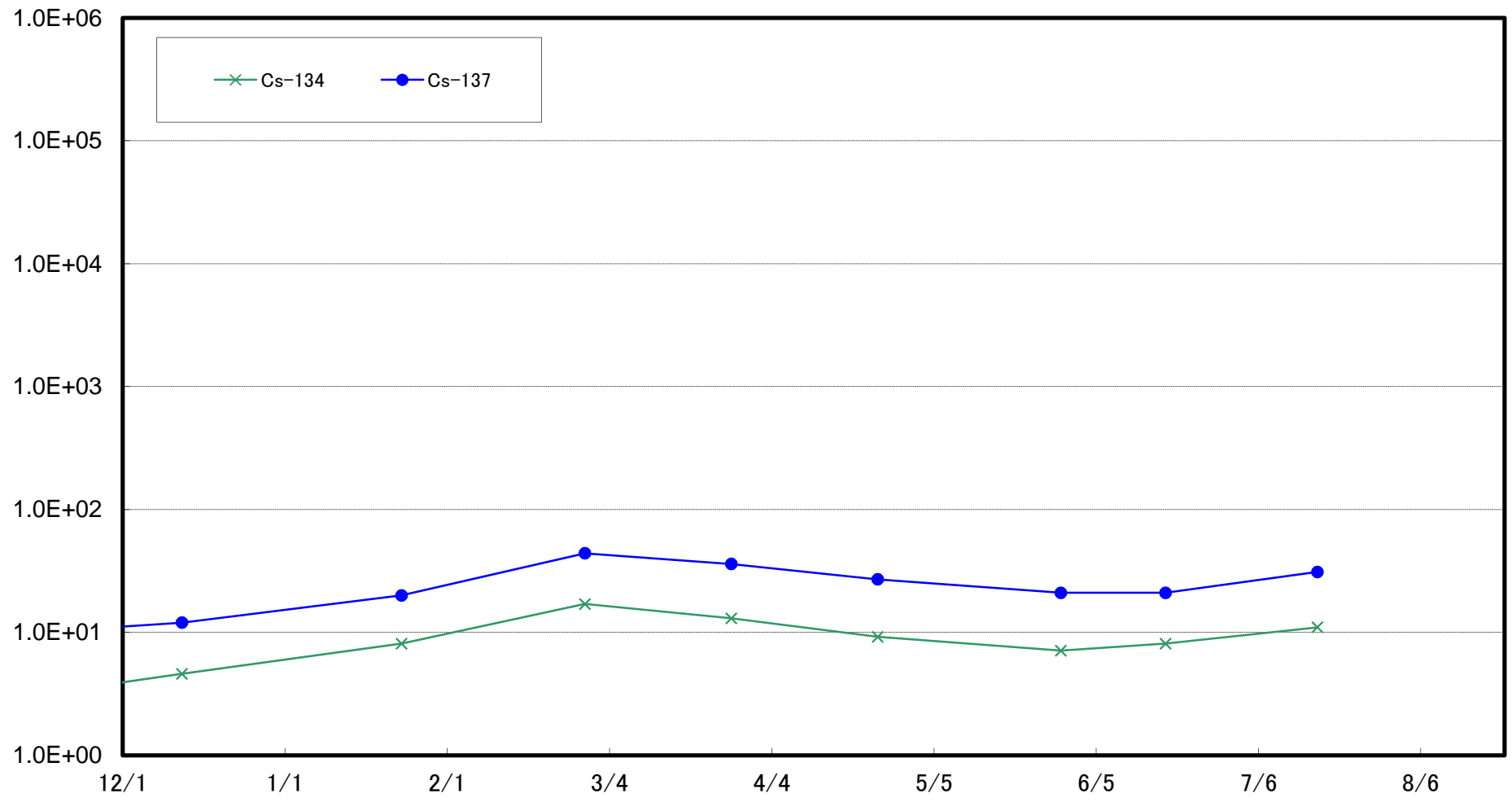
Radioactivity Density of the Marine Soil at Around 3km Offshore of Odaka Ward (T-S2) (Bq/kg (dry soil))



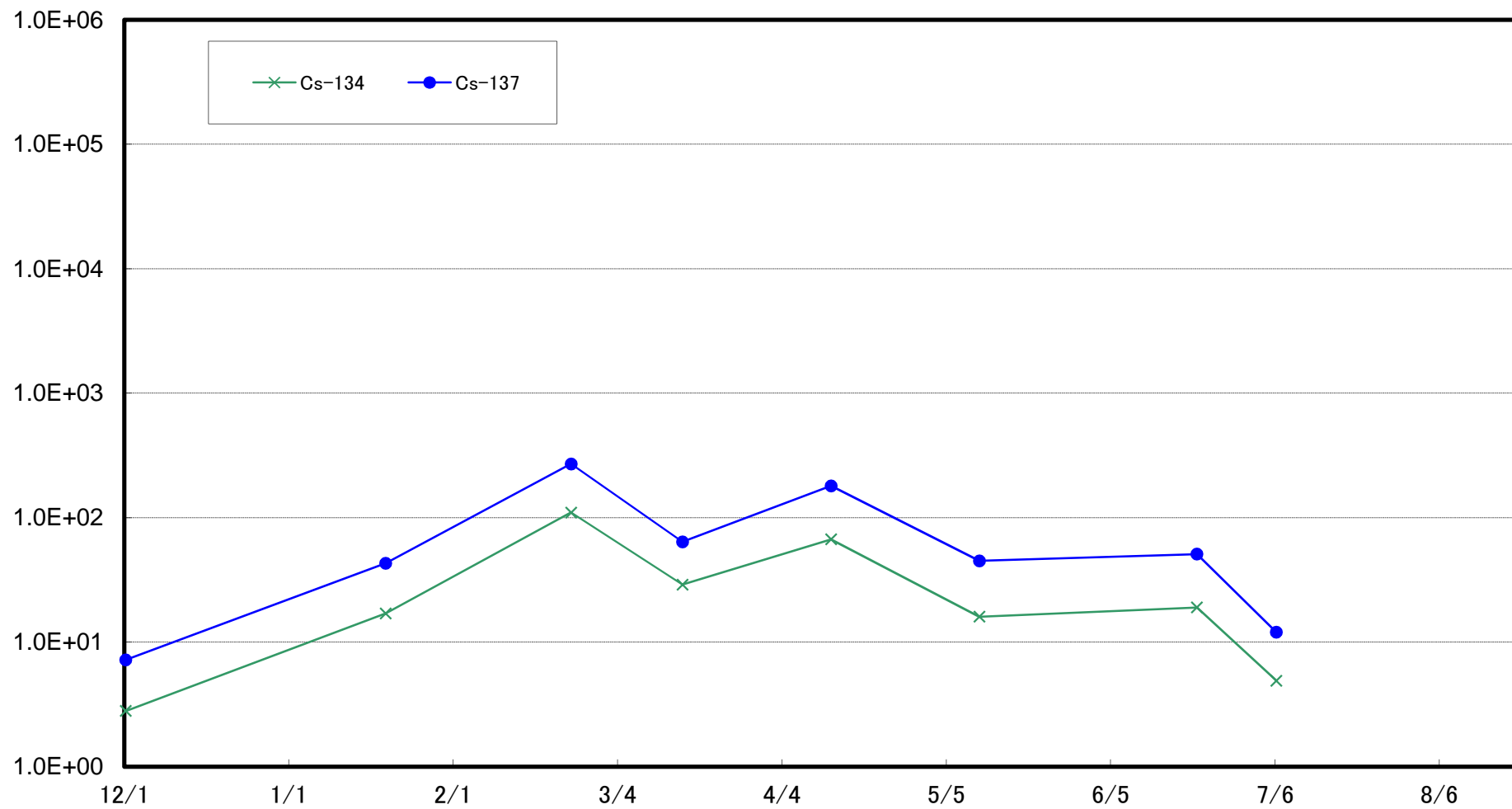
Radioactivity Density of the Marine Soil at Around 3km Offshore of 1F (T-S4) (Bq/kg (dry soil))



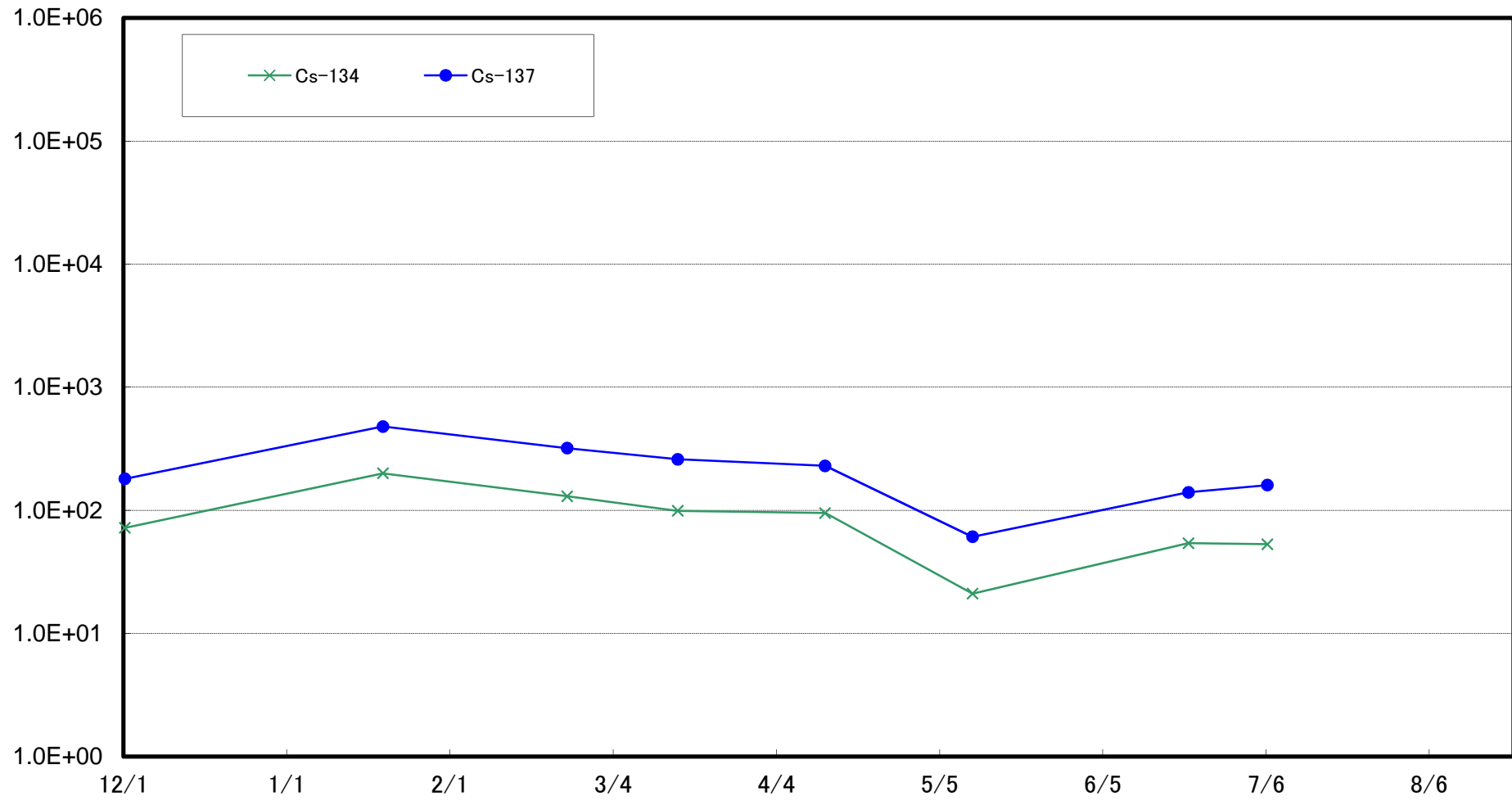
Radioactivity Density of the Marine Soil at Around 3km Offshore of Ukedo River (T-S3) (Bq/kg (dry soil))



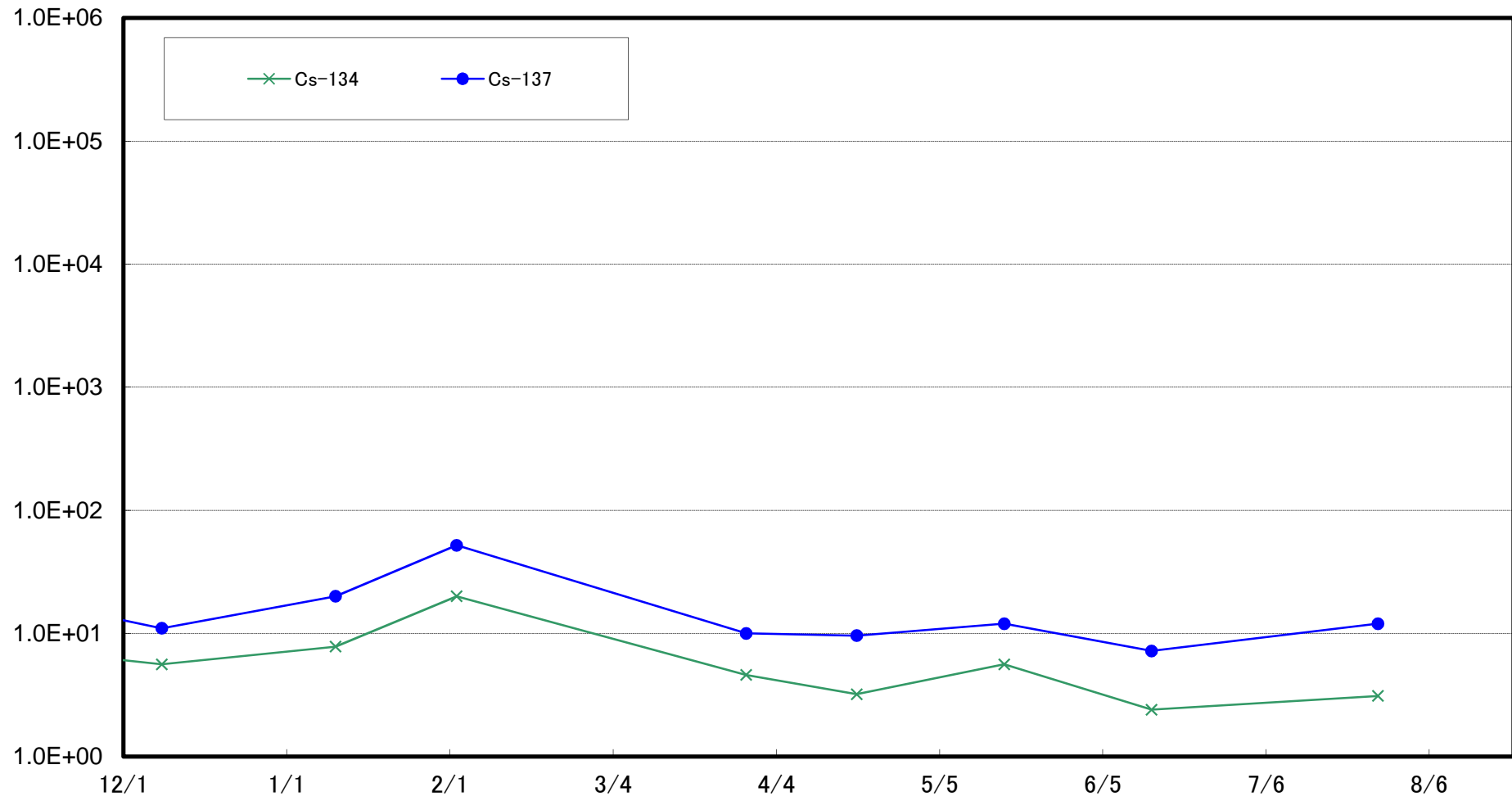
Radioactivity Density of the Marine Soil Around 2km Offshore of Kido River (T-S5) (Bq/kg (dry soil))



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

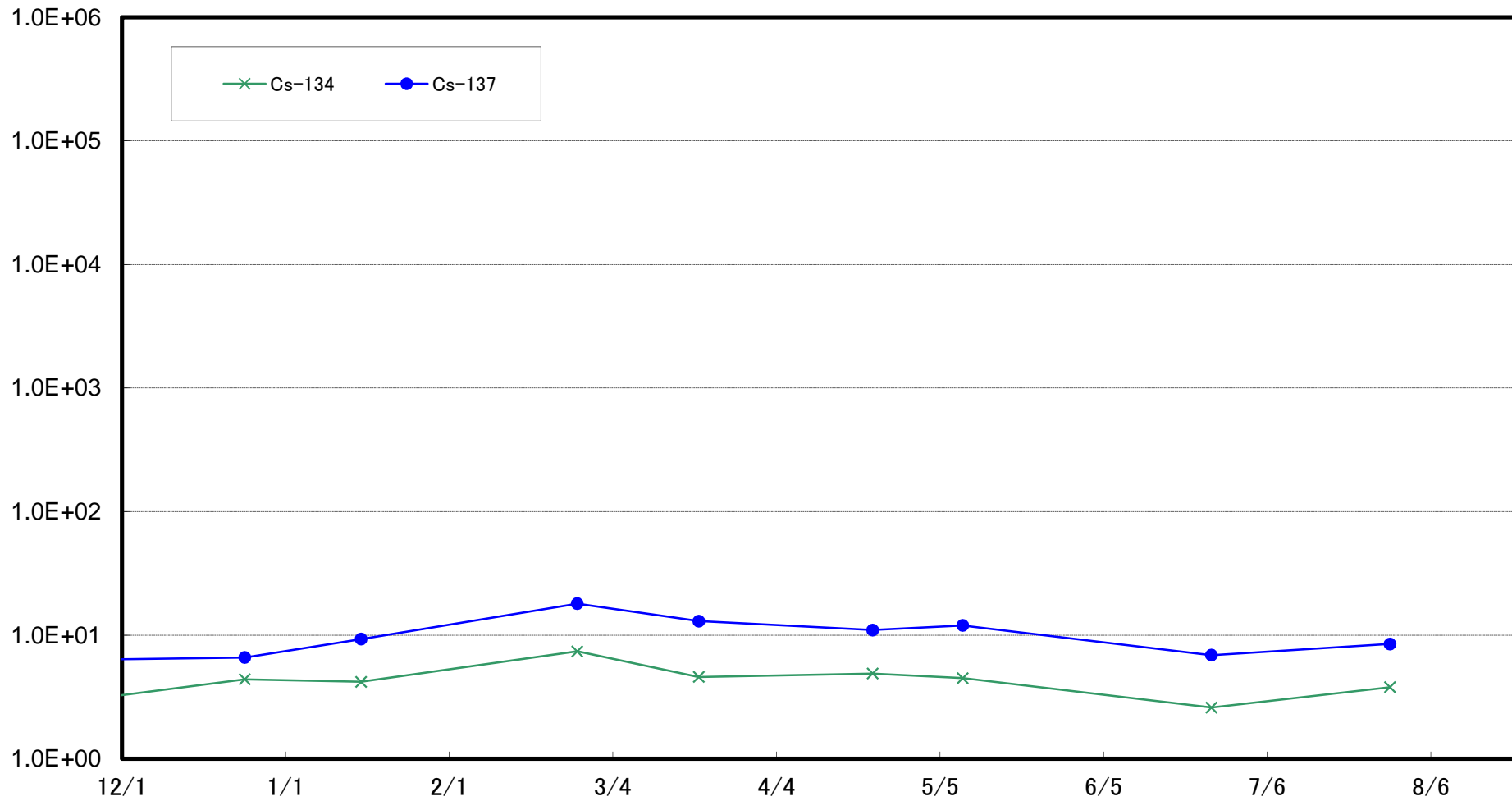


Radioactivity Density of the Marine Soil at Around 4km Offshore of Kumagawa (T-S8) (Bq/kg (dry soil))

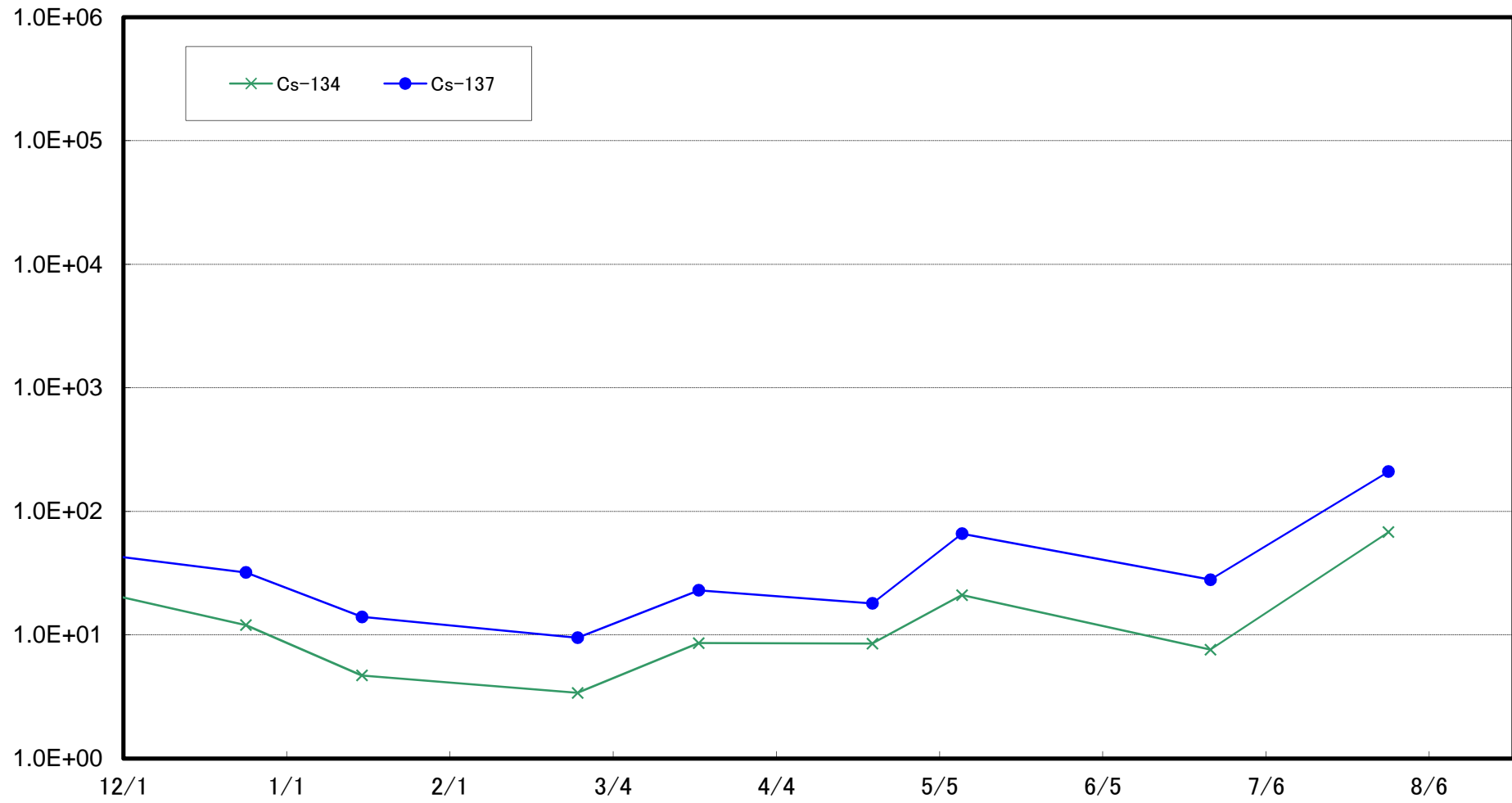




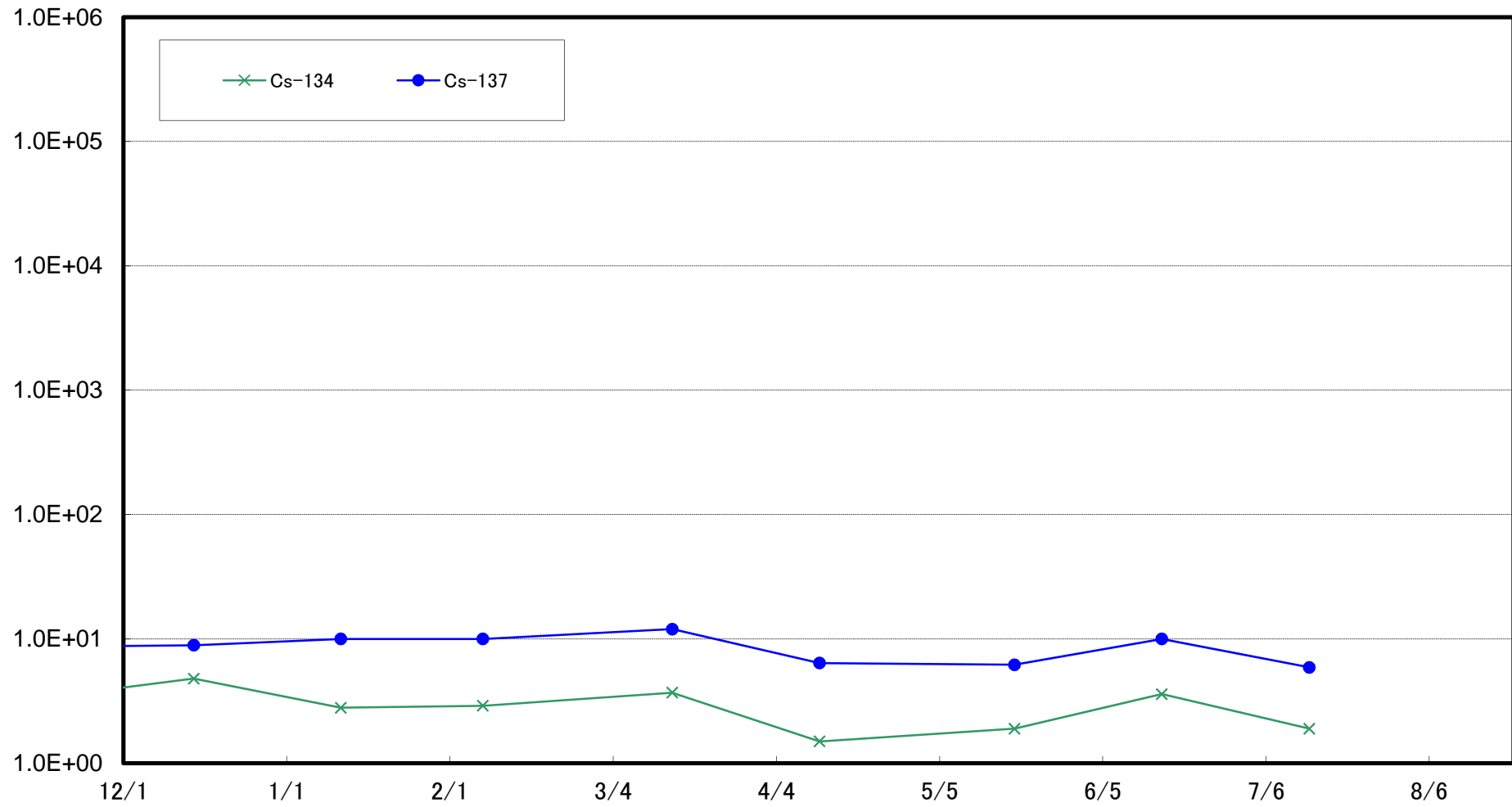
Radioactivity Density of the Marine Soil at Around 15km Offshore of Odaka Ward (T-B1) (Bq/kg (dry soil))



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))

