

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

	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	2013/9/10 11:10 AM	79.3	190	390		
	T-2-1	Around South Discharge Channel of 1F **1	2013/9/10 10:10 AM	79.4	150	330		
	T-3	Around North Discharge Channel of 2F	2013/9/3 10:00 AM	78.9	49	100		
	T-4-2	Around the South Side of Kitasakogawa **2	2013/9/3 7:30 AM	79.7	46	93		
Within 20km Range of Fukushima Daiichi NPS	T-14	3km Offshore of Odaka Ward	2013/9/3 9:24 AM	85.0	15	31		
	T-11	3km Offshore of Iwasawa Shore	2013/9/11 10:44 AM	42.3	1,200	2,600		
	T-D1	3km Offshore of Ukedo River	2013/9/11 9:40 AM	71.8	170	380		
	T-D5	3km Offshore of 1F	2013/9/11 8:26 AM	81.3	30	69		
	T-D9	3km Offshore of 2F	2013/9/11 9:55 AM	60.1	630	1,400		
	T-5	15km Offshore of 1F	2013/9/11 8:44 AM	76.6	78	170		
	T-①	1km Offshore of Murakami, Odaka Ward	2013/9/2 9:31 AM	84.7	3.4	5.3		
	T-②	2km Offshore of Murakami, Odaka Ward	2013/9/2 9:41 AM	76.9	14	29		
	T-③	1km Offshore of Ukedo, Namie Town	2013/9/2 8:55 AM	79.9	15	36		
	T-④	2km Offshore of Ukedo, Namie Town	2013/9/2 8:45 AM	79.8	15	31		
	T-⑤	3km Offshore of Ukedo, Namie Town	2013/9/2 8:32 AM	77.2	11	26		
	T-⑥	1km Offshore of Kumagawa, Okuma Town	2013/9/13 8:55 AM	79.5	880	1,900		
	T-⑦	2km Offshore of Kumagawa, Okuma Town	2013/9/13 8:41 AM	74.6	84	190		
	T-⑧	3km Offshore of Kumagawa, Okuma Town	2013/9/13 8:29 AM	74.8	64	130		
	T-⑨	5km Offshore of Kumagawa, Okuma Town	2013/9/13 8:10 AM	62.2	840	1,800		
	T-⑩	10km Offshore of Kumagawa, Okuma Town	2013/9/10 9:31 AM	79.2	59	140		
	T-⑪	15km Offshore of Kumagawa, Okuma Town	2013/9/10 9:13 AM	75.0	51	110		
	T-⑫	20km Offshore of Kumagawa, Okuma Town	2013/9/10 8:33 AM	69.9	31	60		
	T-⑬	1km Offshore of Yamadahama, Naraha Town	2013/9/10 10:33 AM	75.3	50	120		
	T-S1	Around 1km Offshore of Ota River	2013/9/5 5:44 AM	75.7	7.1	17		
	T-S2	Around 3km Offshore of Odaka Ward	2013/9/5 6:13 AM	80.8	9.3	27		
	T-S3	Around 3km Offshore of Ukedo River	2013/9/12 5:44 AM	72.0	89	210		
	T-S4	Around 3km Offshore of 1F	2013/9/12 6:05 AM	75.6	50	120		
	T-S5	Around 2km Offshore of Kido River	2013/9/19 1:06 PM	86.0	22	48		
	T-S7	Around 2km Offshore of 2F **3	2013/9/19 12:43 PM	77.9	55	120		
	T-S8	Around 4km Offshore of Kumagawa **4	No sampling due to the bad weather	-	-	-		
	T-B1	Around 15km Offshore of Odaka Ward	2013/9/24 5:53 AM	85.6	4.3	8.3		
	T-B2	Around 18km Offshore of Ukedo River	2013/9/24 6:21 AM	83.7	43	100		
T-B3	Around 10km Offshore of 1F	2013/9/7 5:24 AM	82.6	10	18			
T-B4	Around 10km Offshore of 2F	2013/9/7 6:12 AM	73.8	160	350			
Within 30km Range	T-13-1	1km Offshore of Nida River	2013/9/4 6:10 AM	85.5	ND	3.2		
	T-7	15km Offshore of Iwasawa Shore	2013/9/3 9:15 AM	72.6	36	85		
Out of 30km Range	T-18	3km Offshore of Onahama Port	2013/9/3 5:50 AM	72.7	54	110		
	T-12	3km offshore of North of Iwaki City	2013/9/30 6:25 AM	75.9	18	42		
	T-17-1	1km Offshore of Natsui River	2013/9/30 7:05 AM	76.8	14	35		
	T-20	3km Offshore of Toyoma	2013/9/30 7:35 AM	77.7	10	26		
	T-22	3km Offshore of Soma	2013/9/4 5:00 AM	83.1	11	28		
	T-MA	5km Offshore of Kashima	2013/9/4 5:30 AM	87.6	2.9	8.8		
	T-M10	5km Offshore of Numanouchi	2013/9/3 7:22 AM	69.4	40	85		

\* Data of other nuclides is under evaluation.

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

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

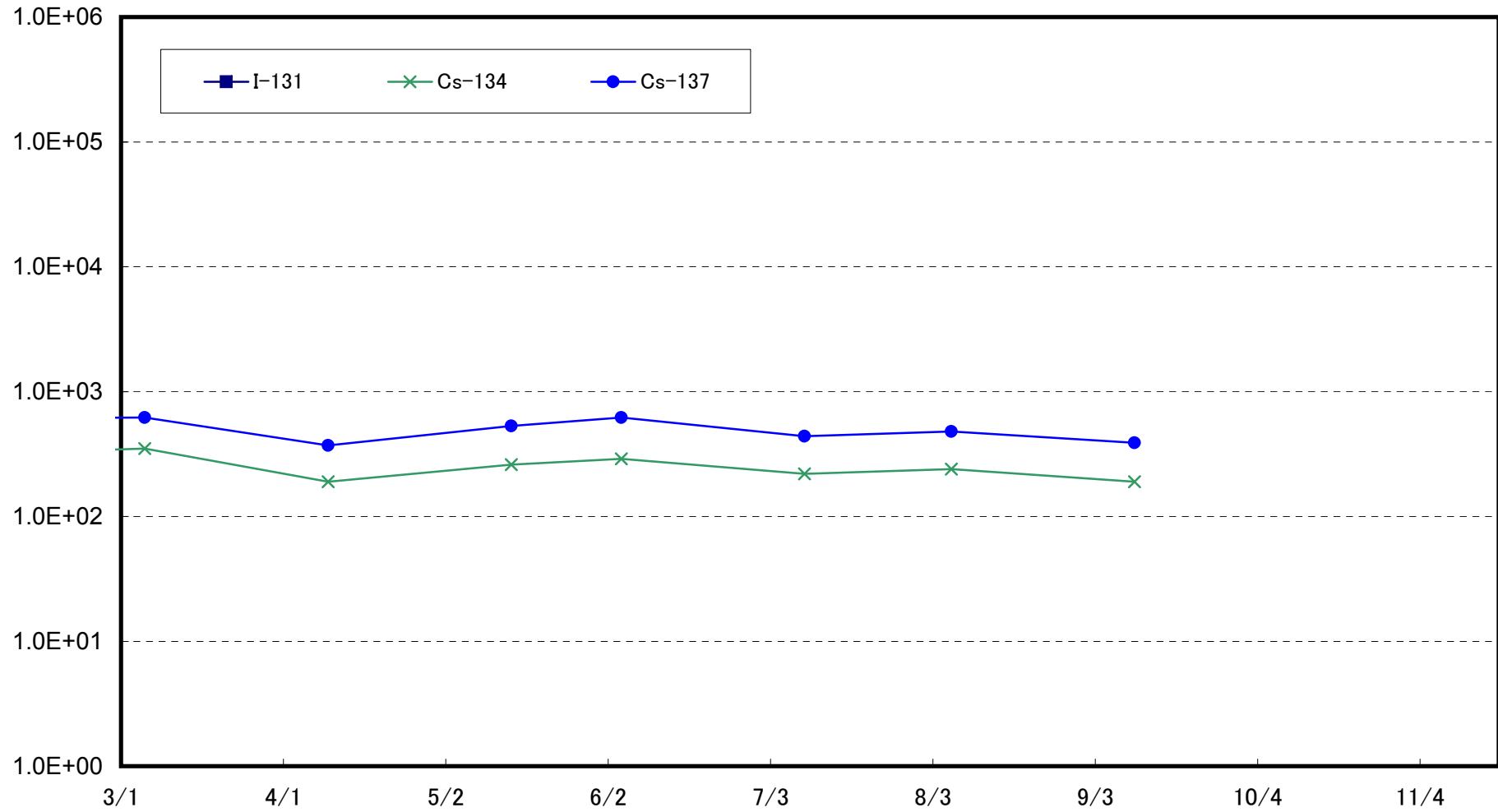
\*\*1 Place of Sampling was changed from "T-2" to "T-2-1" from November 2012.

\*\*2 Place of Sampling was changed from "T-4-1" to "T-4-2" from April 2013.

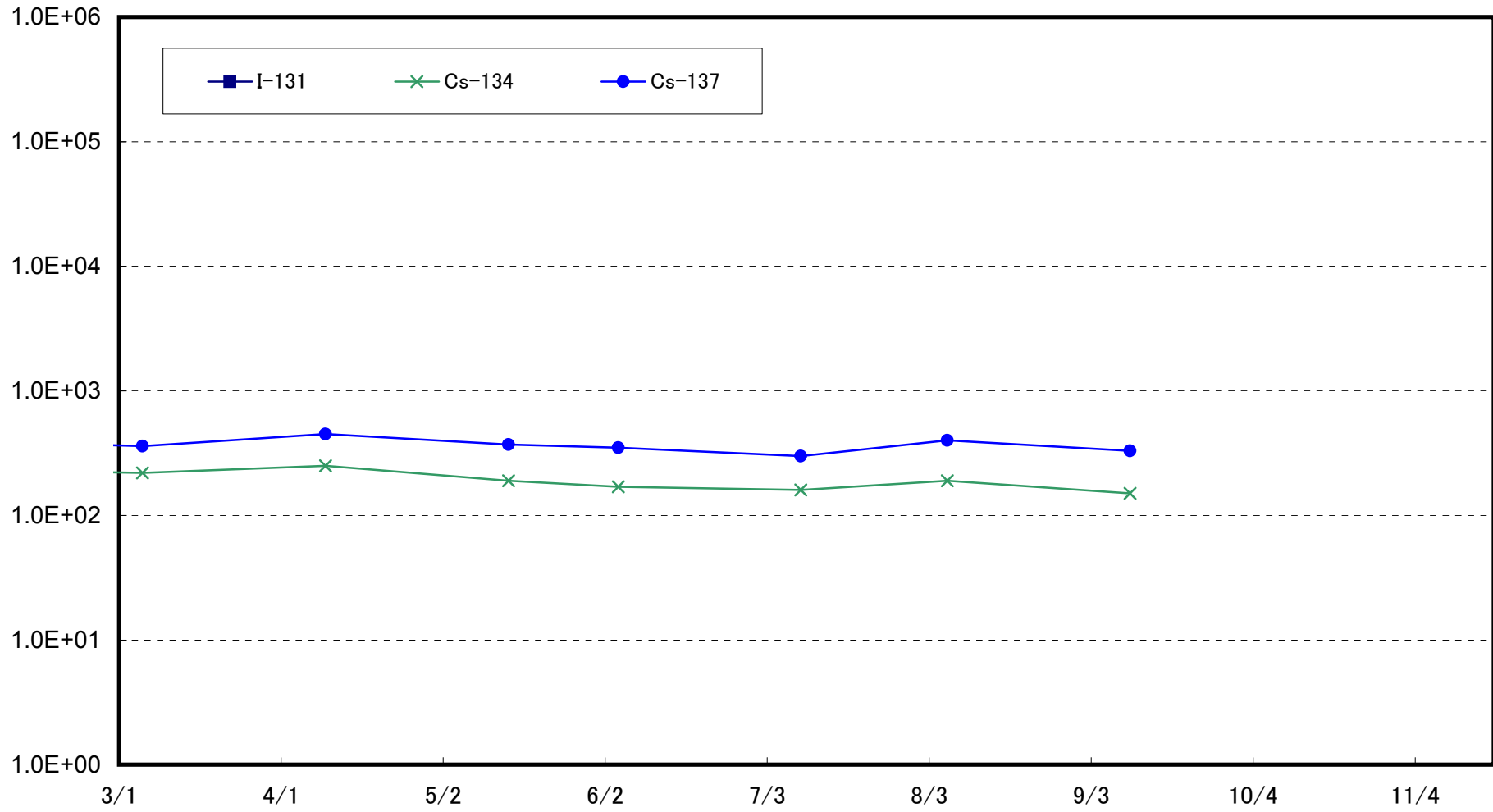
\*\*3 "T-S7" is added from May 2012.

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

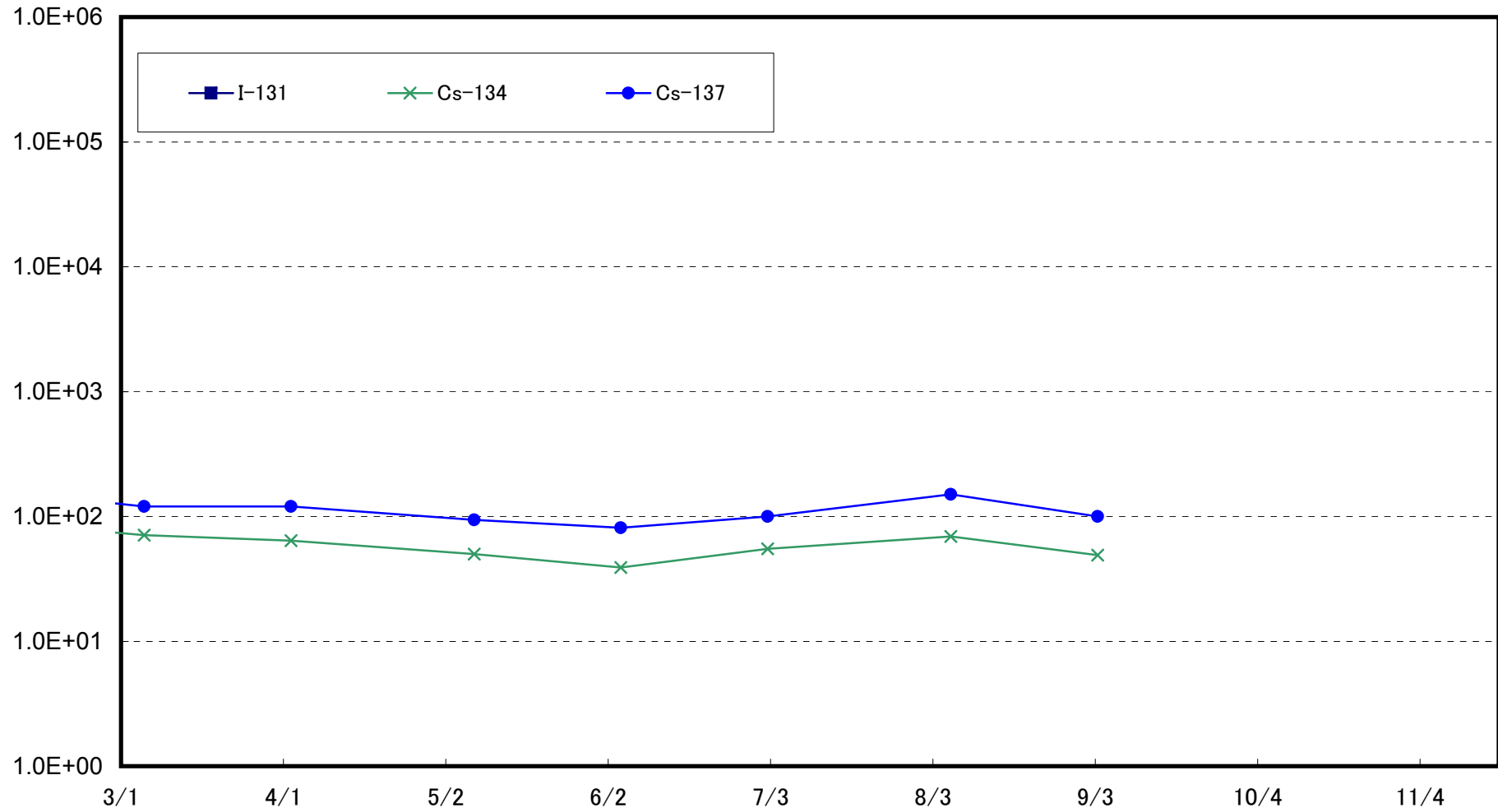
Radioactivity Density of the Marine Soil at North Discharge Channel of Fukushima Daiichi NPS  
(Around 5,6U Discharge Channel) (T-1) (Bq/kg, dry soil)



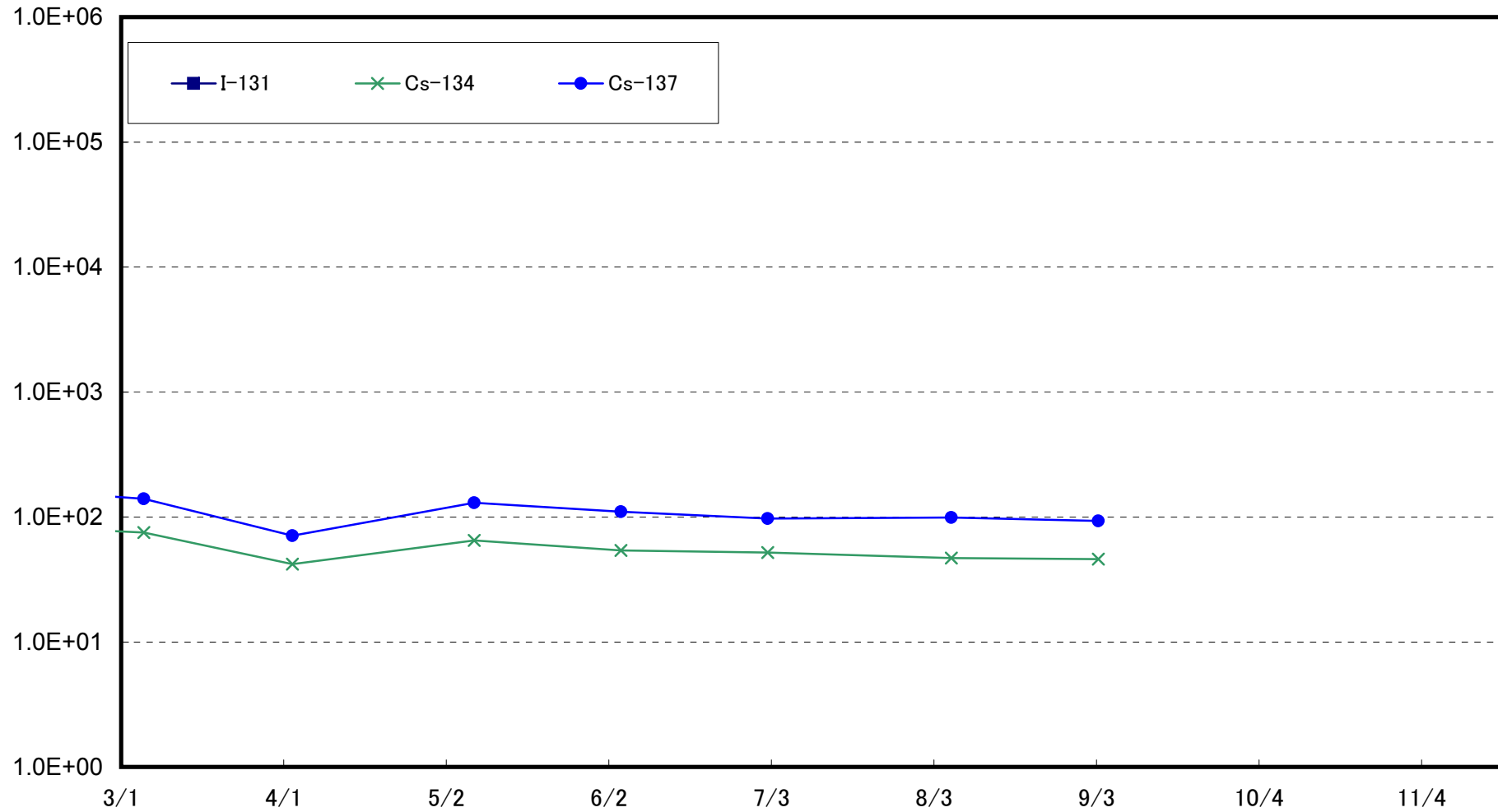
Radioactivity Density of the Marine Soil at South Discharge Channel of Fukushima Daiichi NPS  
(T-2-1) (Bq/kg, dry soil)



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

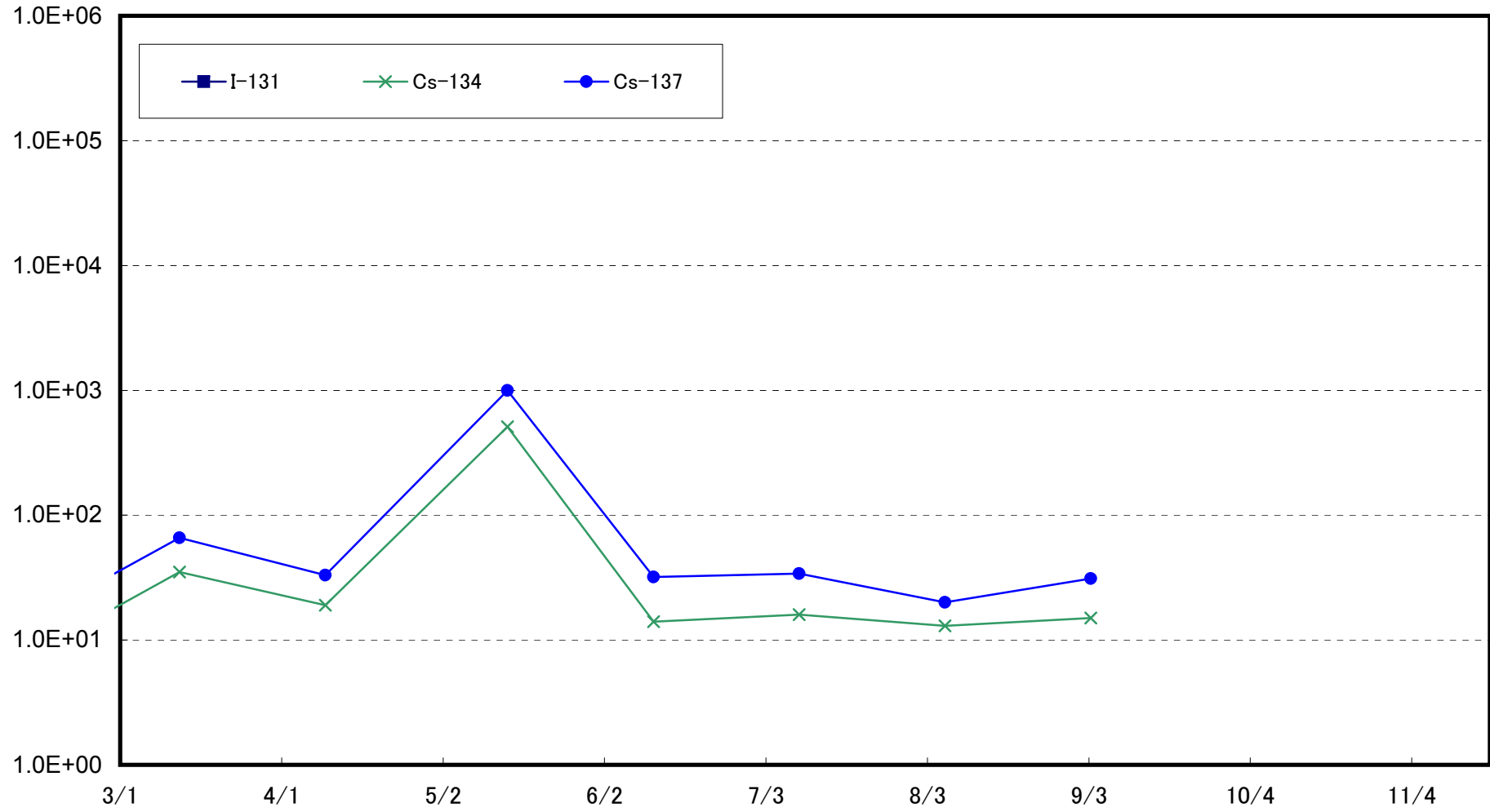


Radioactivity Density of the Marine Soil around the South Side of Kitasakogawa  
(T-4-2) (Bq/kg, dry soil)

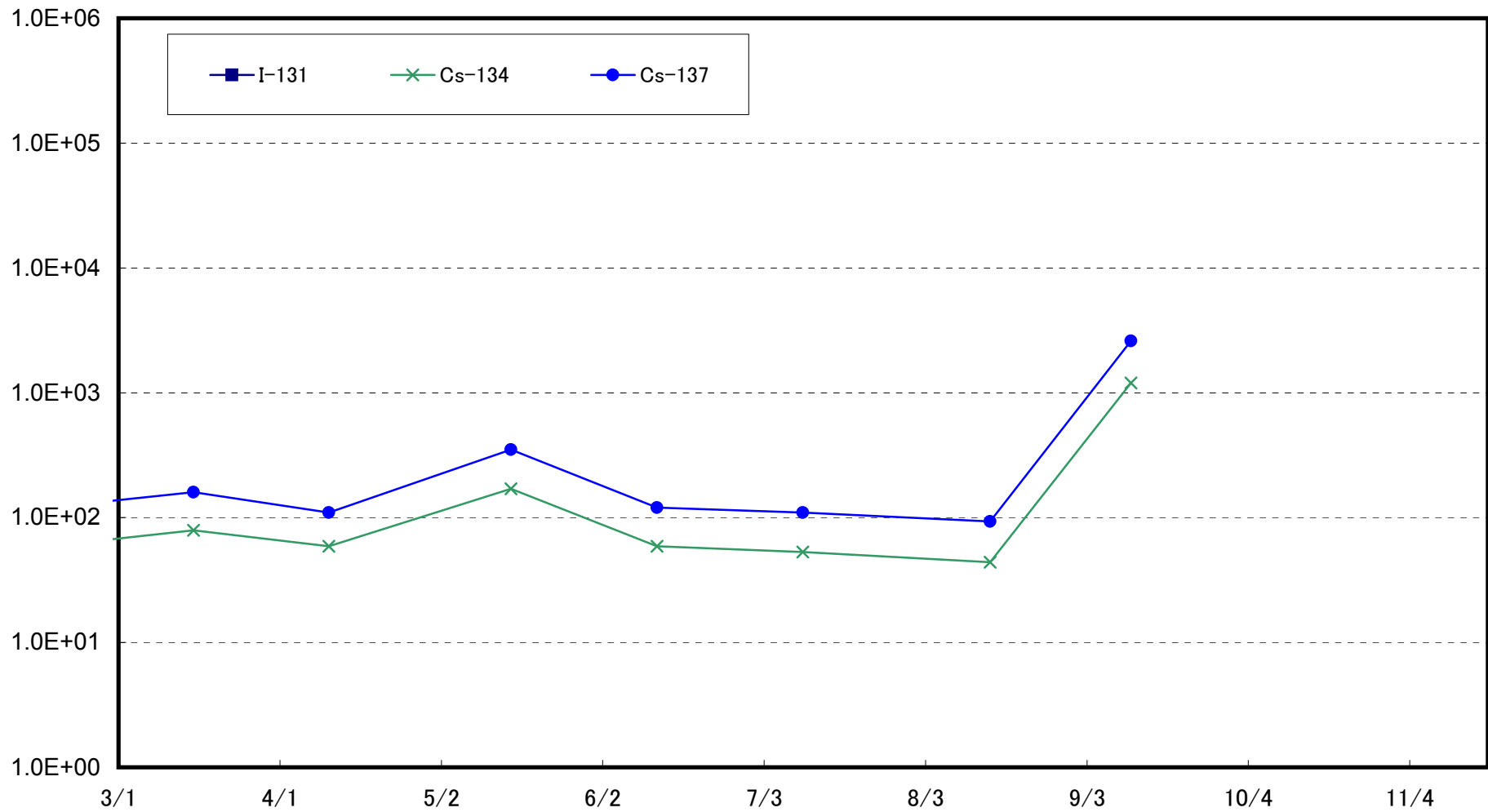


Sampling was conducted around the north of Asamigawa of Fukushima Daini NPS (approx. 12km south of Units 1-2 Discharge Channel) (approx. 24km of Fukushima Daiichi NPS) until March 21, 2013.

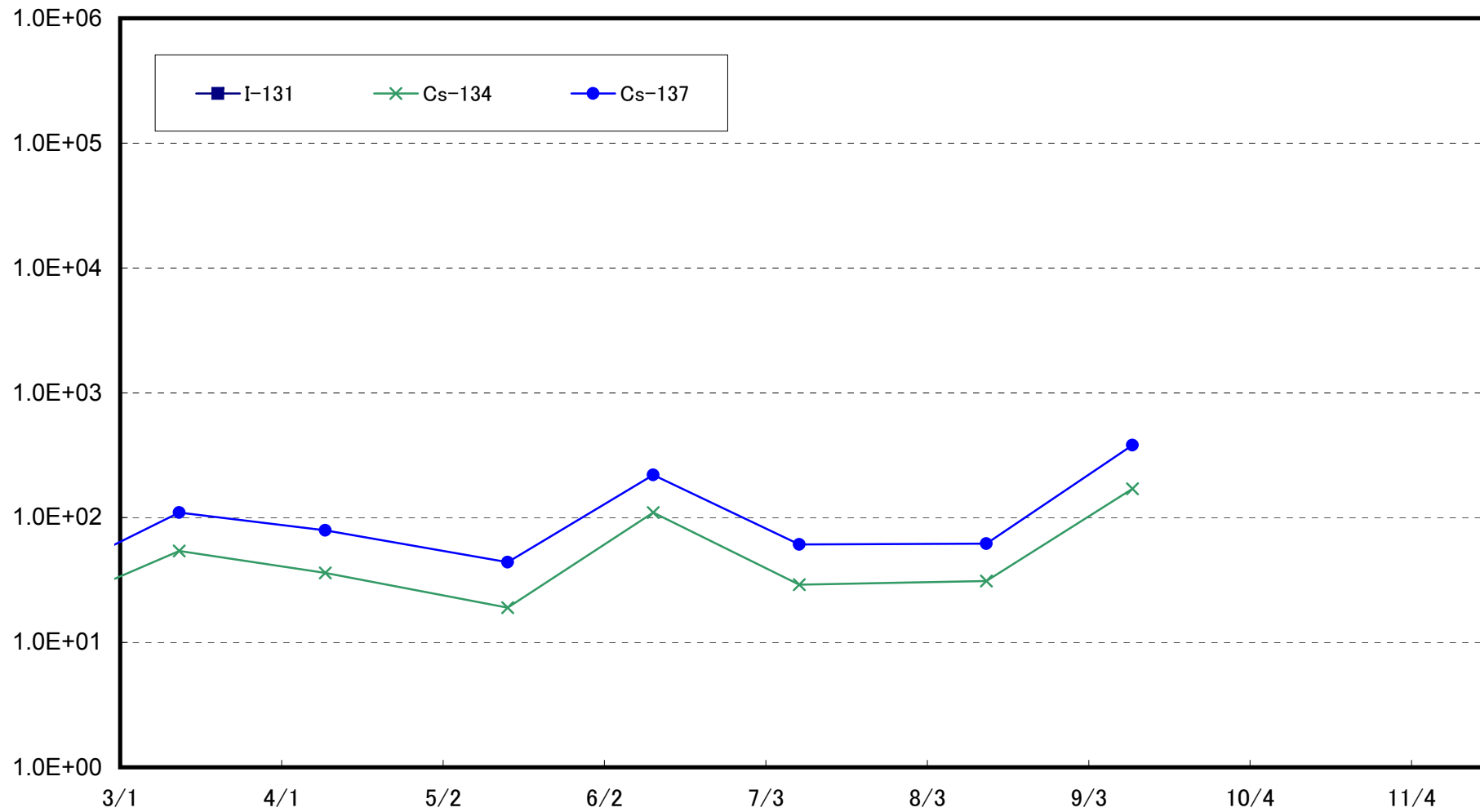
Radioactivity Density of the Marine Soil at Around 3km Offshore of Odaka Ward  
(T-14) (Bq/kg , dry soil)



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

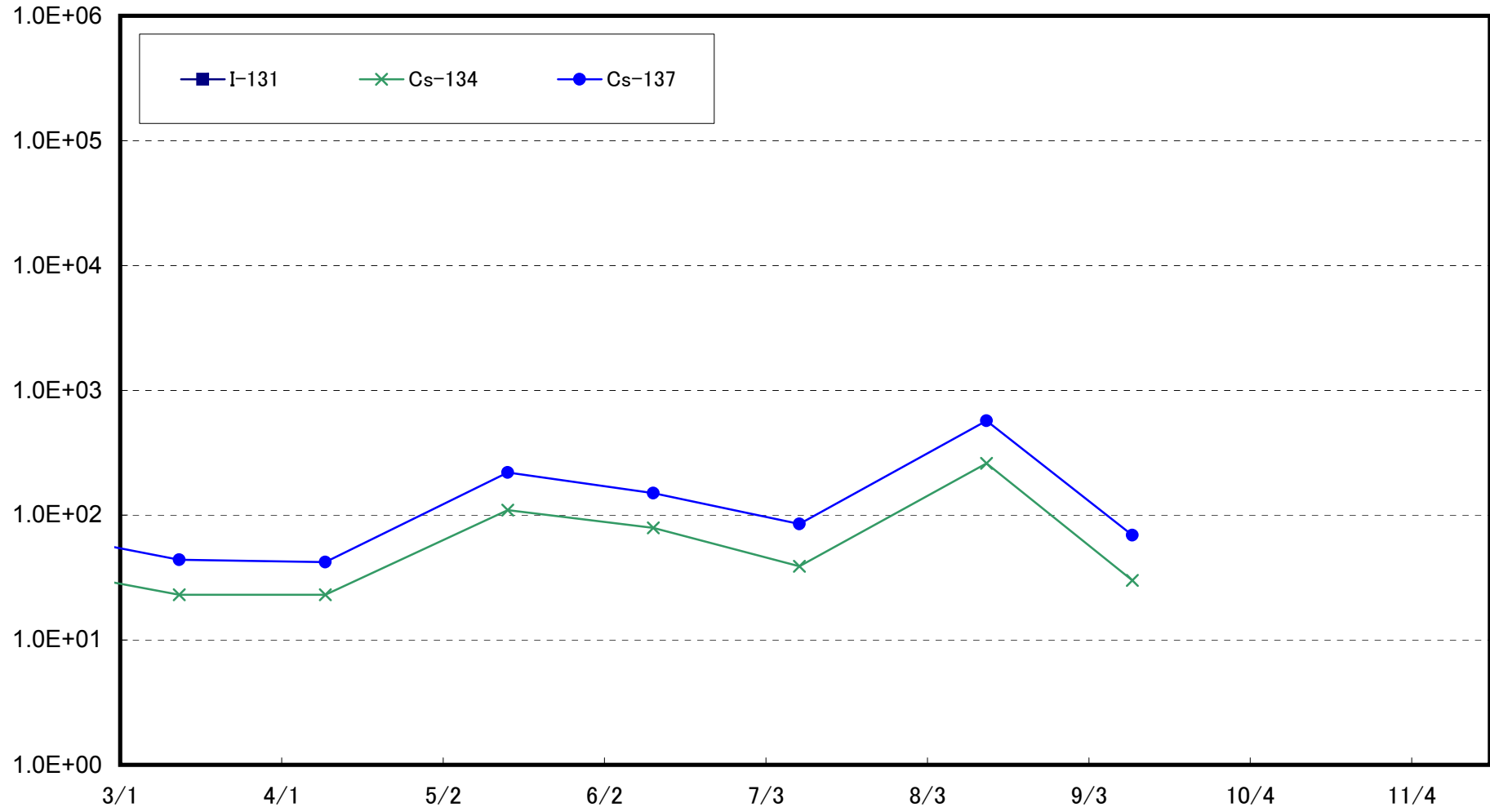


Radioactivity Density of the Marine Soil at 3km Offshore of Ukedo River  
(T-D1) (Bq/kg, dry soil)

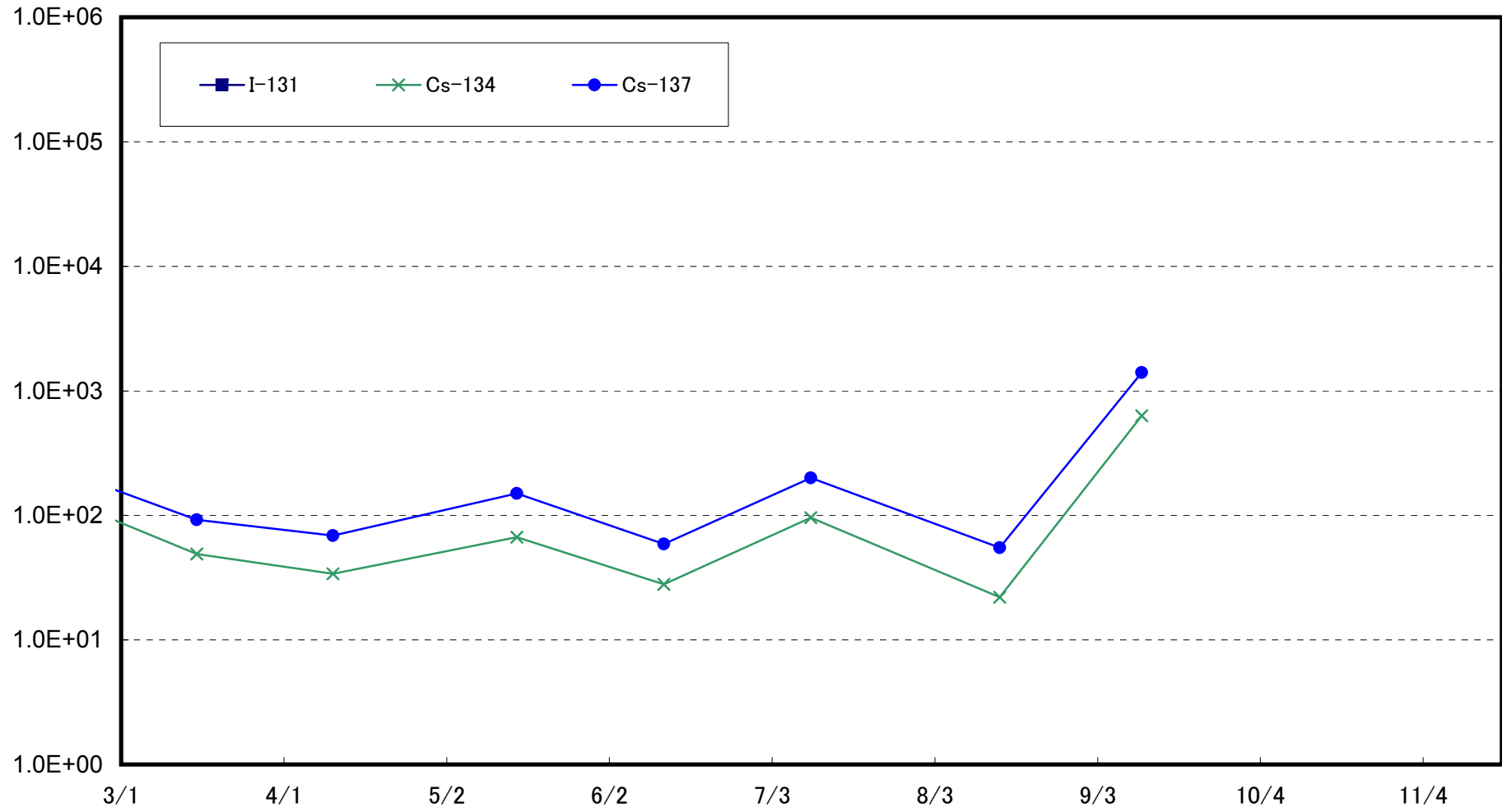




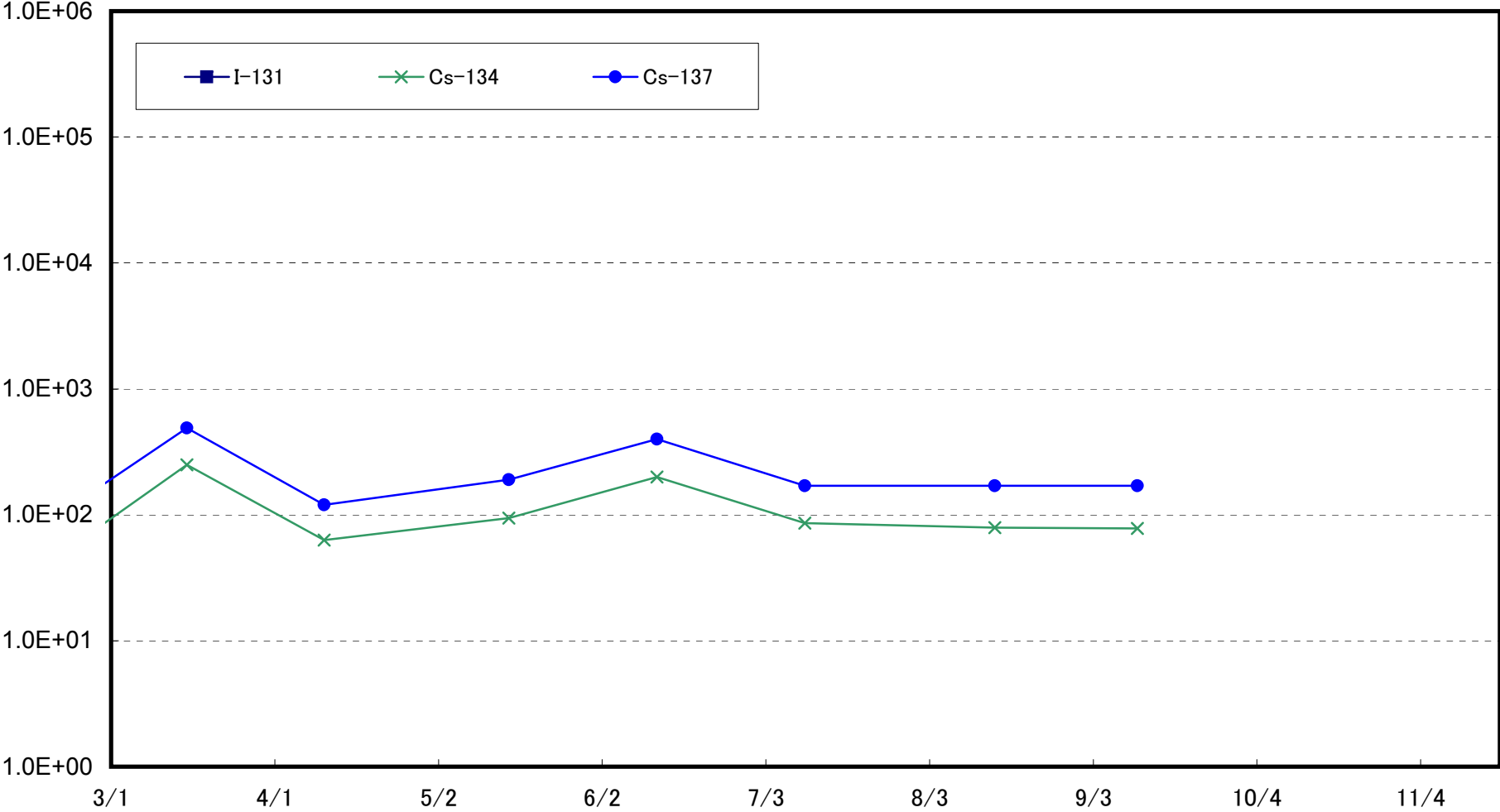
Radioactivity Density of the Marine Soil at 3km Offshore of Fukushima Daiichi NPS  
(T-D5) (Bq/kg , dry soil)



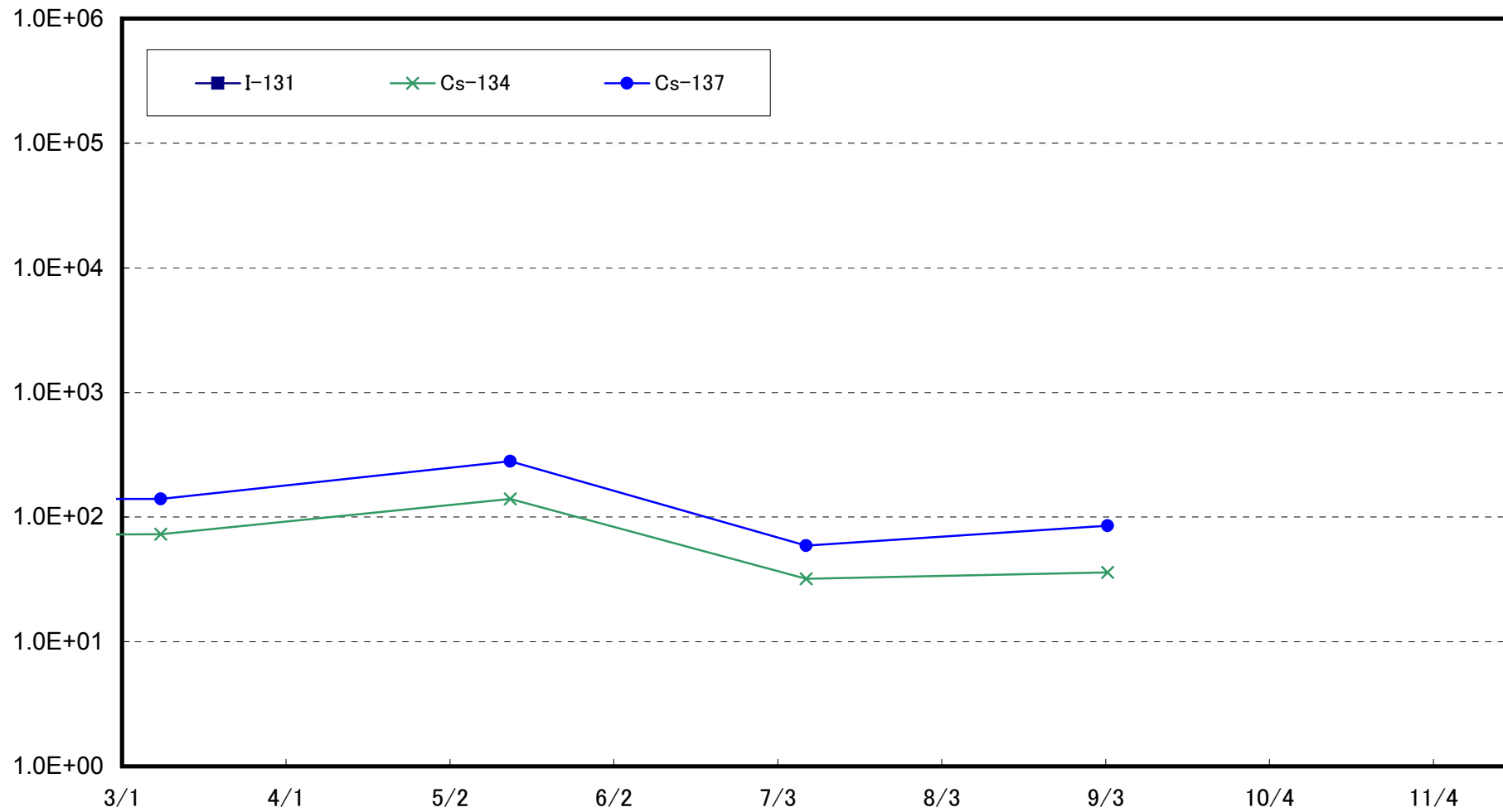
Radioactivity Density of the Marine Soil at 3km Offshore of Fukushima Daini NPS  
(T-D9) (Bq/kg, dry soil)



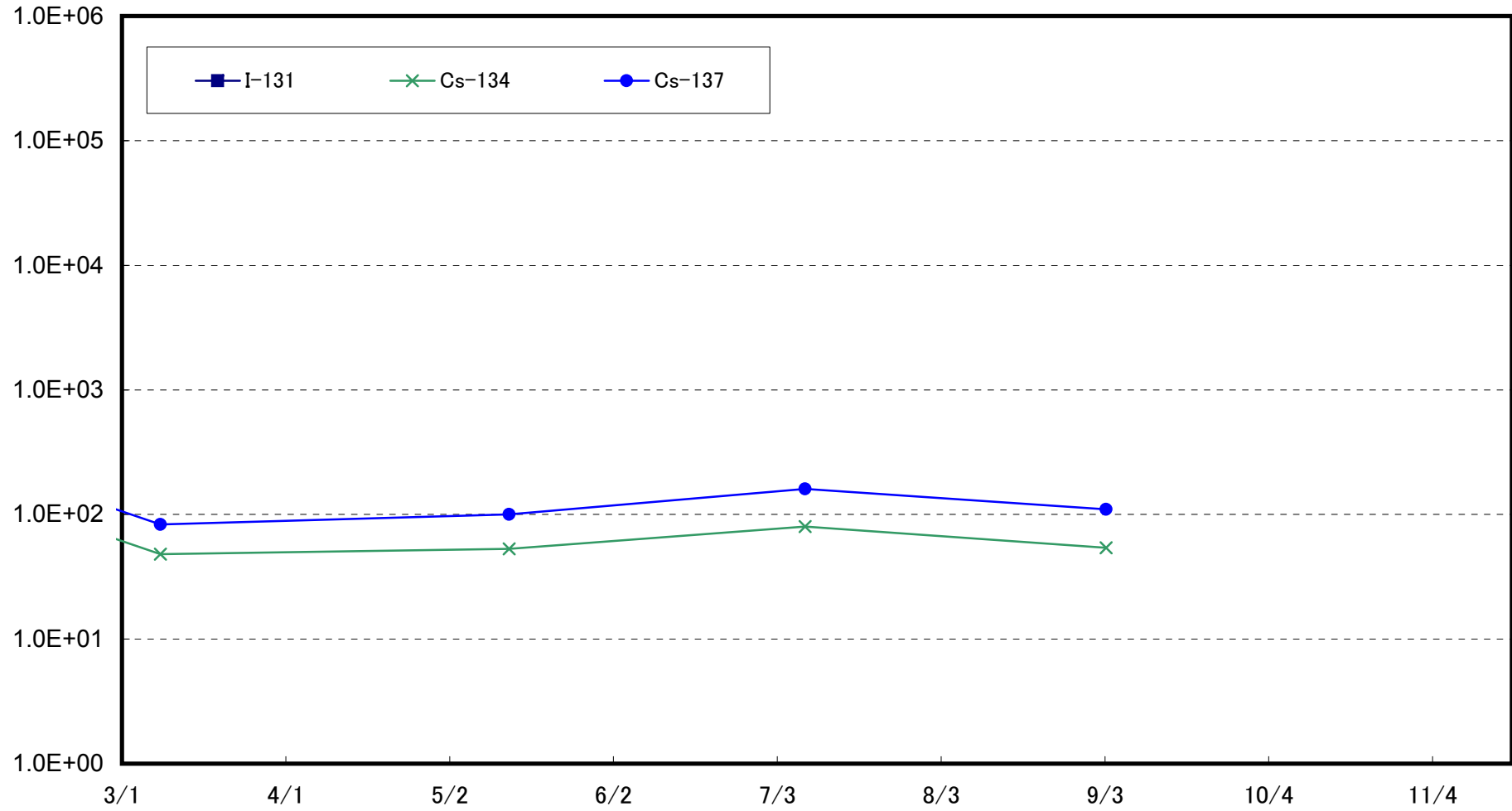
Radioactivity Density of the Marine Soil at 15km Offshore of Fukushima Daiichi NPS  
(T-5) (Bq/kg, dry soil)



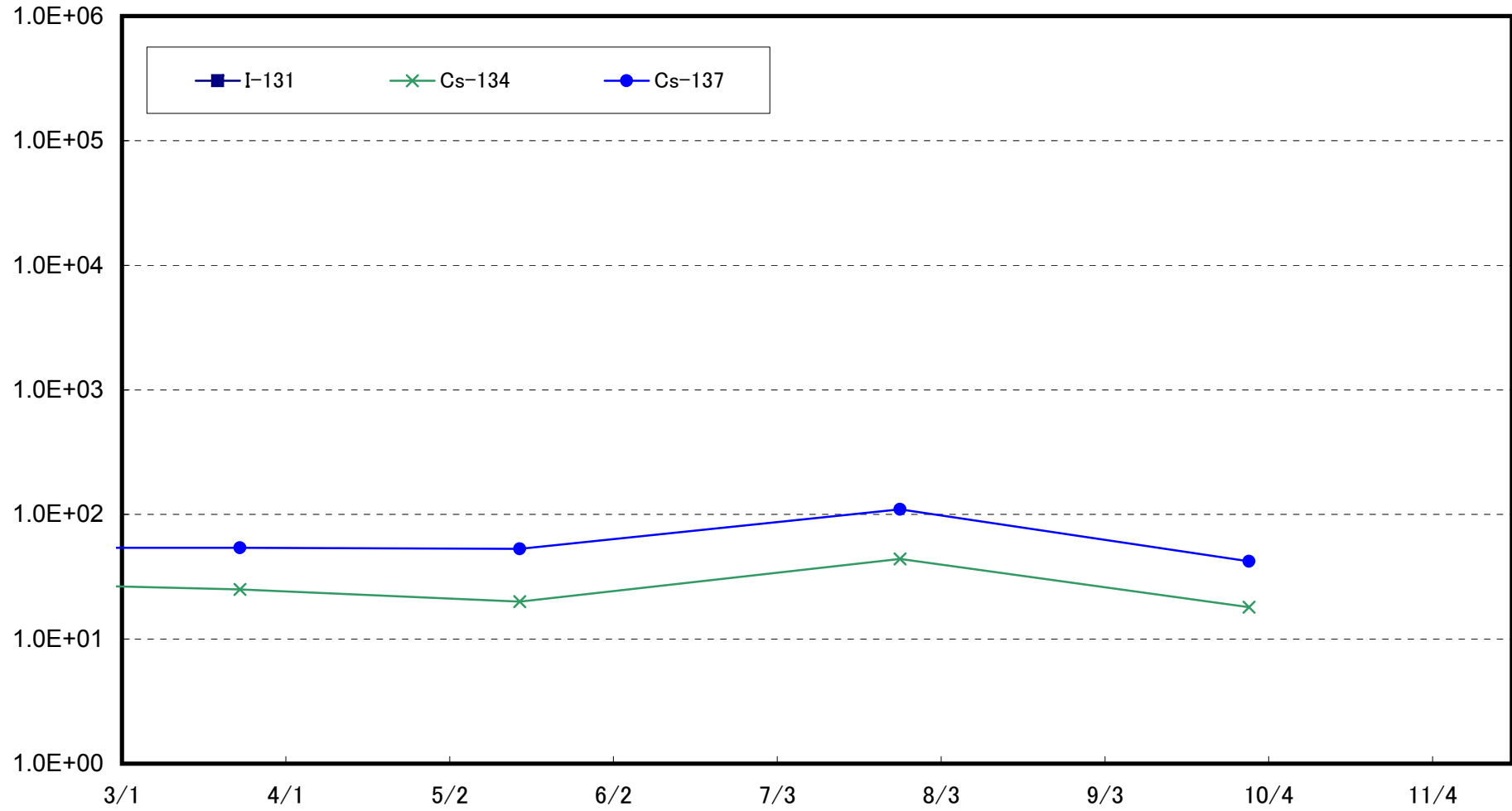
Radioactivity Density of the Marine Soil at 15km Offshore of Iwasawa Shore (T-7) (Bq/kg (dry soil))



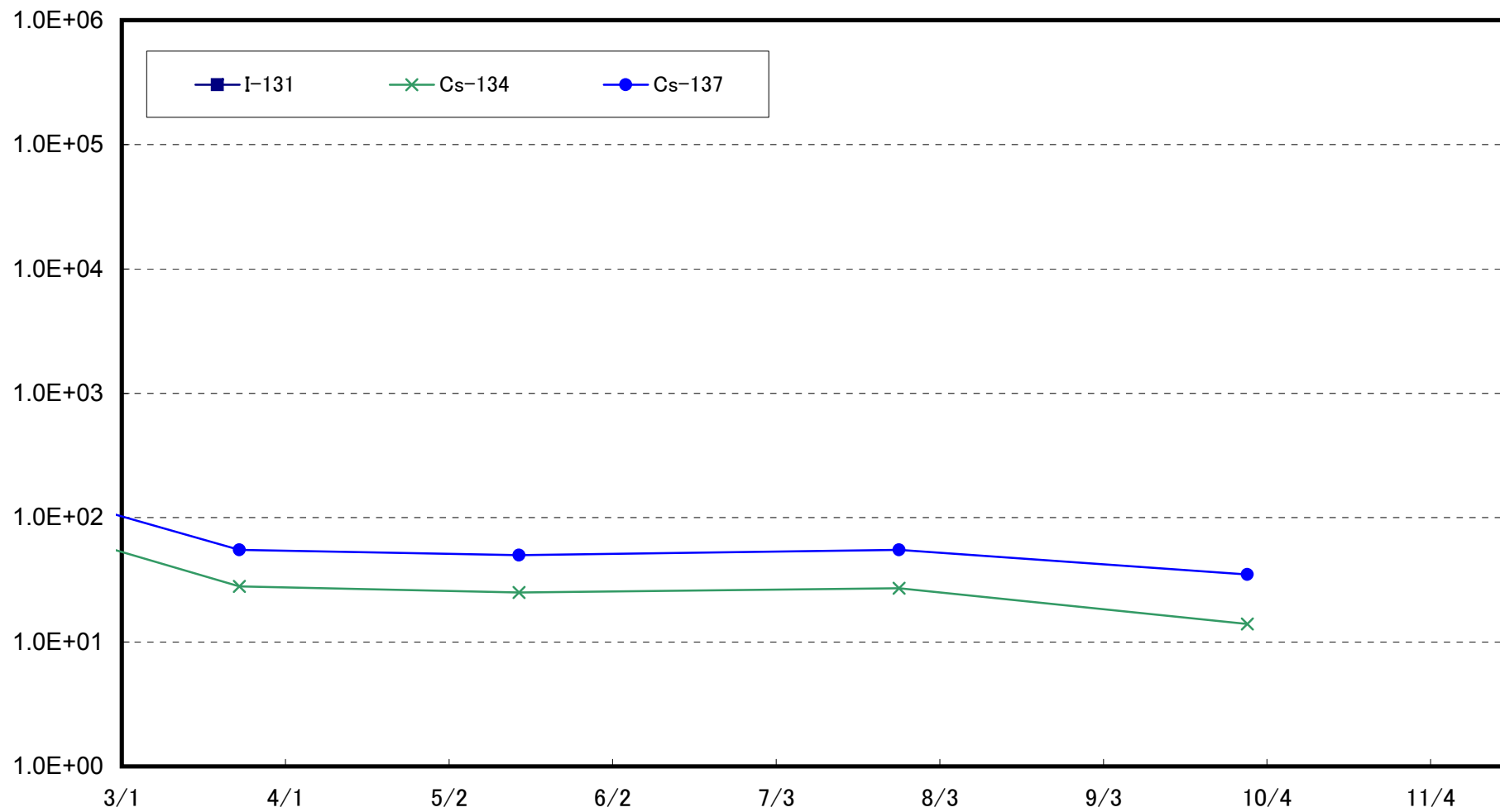
Radioactivity Density of the Marine Soil at 3km Offshore of Onahama Port (T-18) (Bq/kg (dry soil))



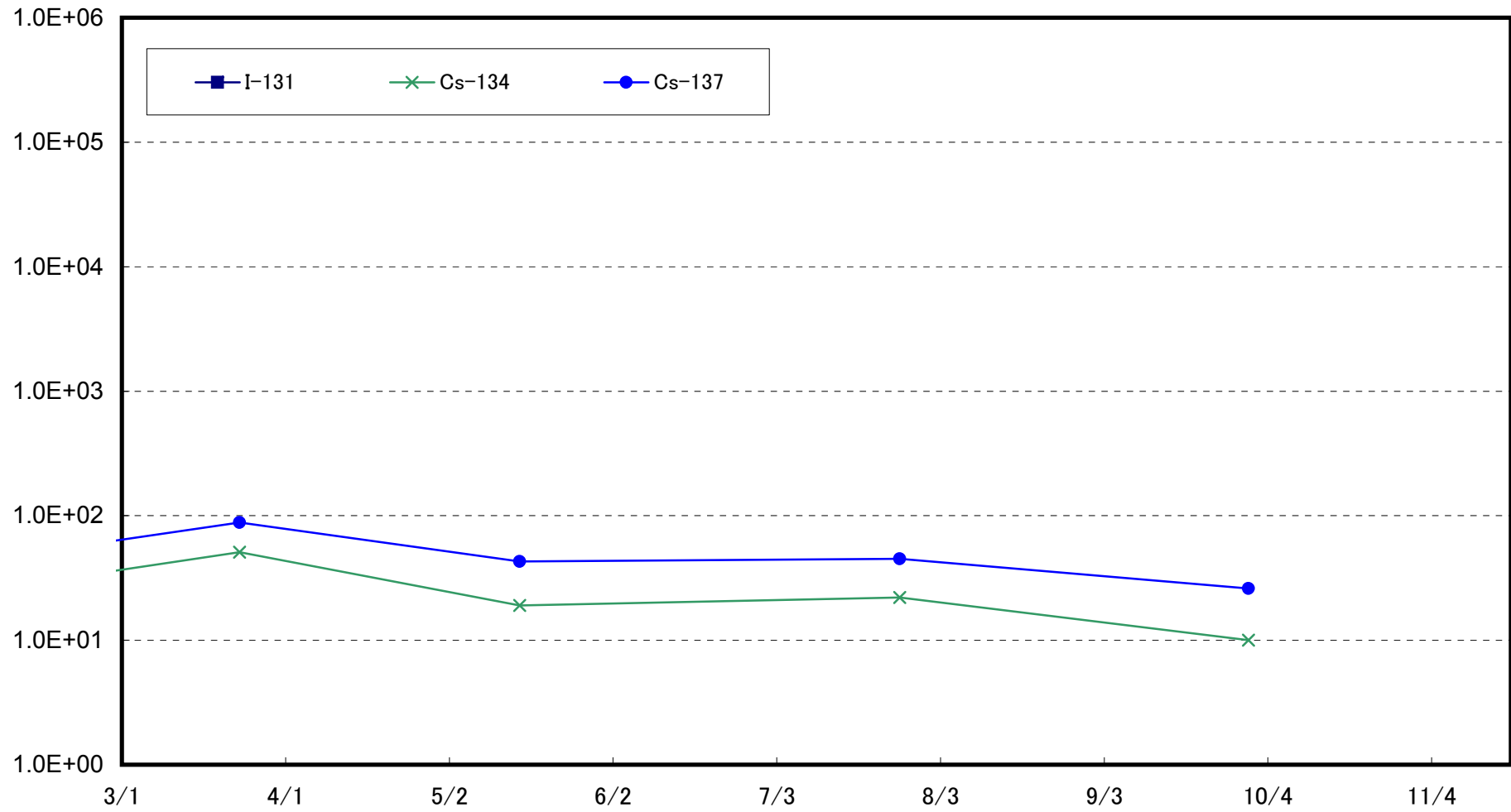
Radioactivity Density of the Marine Soil at 3km offshore of North of Iwaki City (T-12) (Bq/kg (dry soil))



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

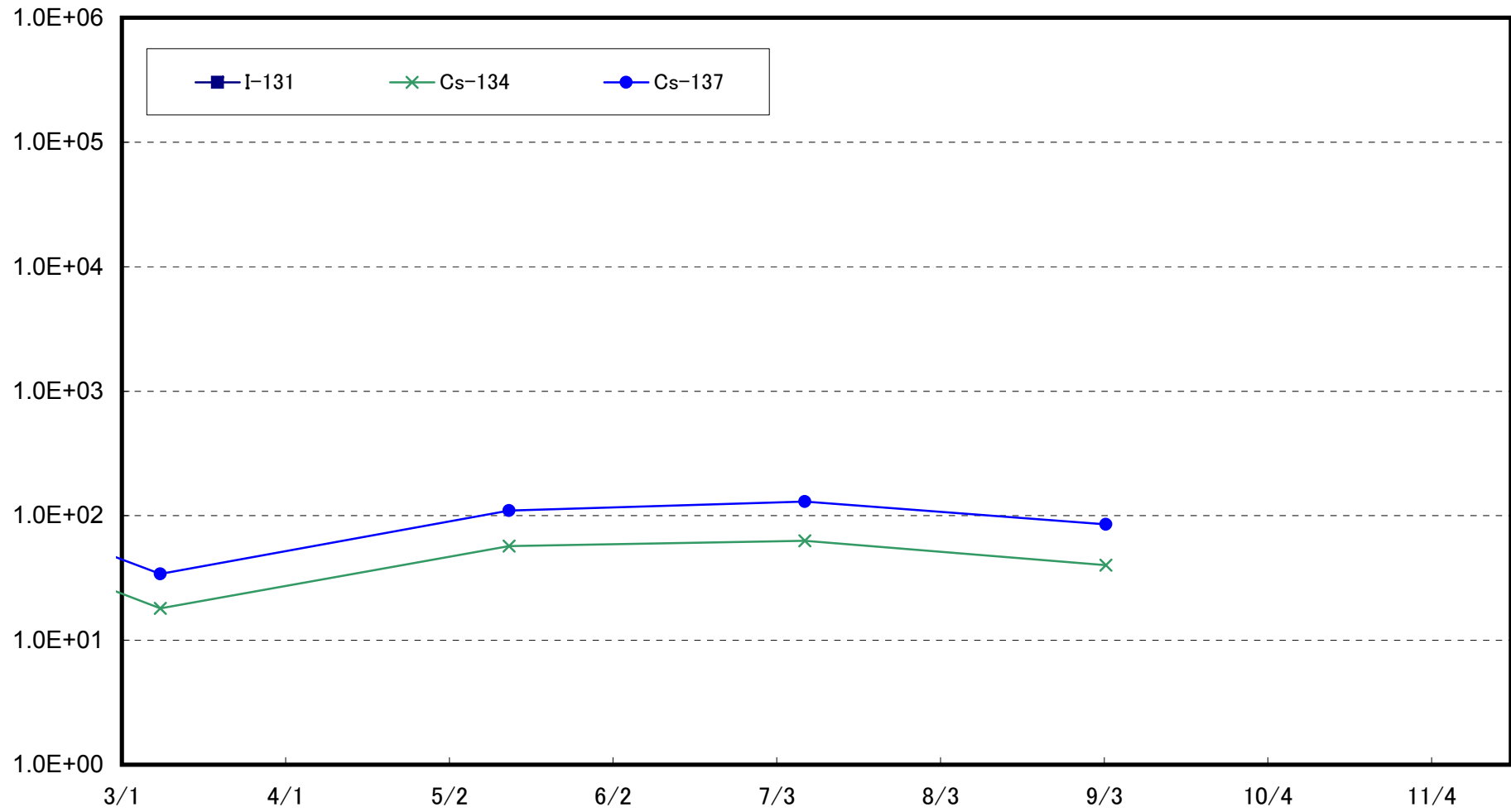


Radioactivity Density of the Marine Soil at 3km Offshore of Toyoma (T-20) (Bq/kg (dry soil))

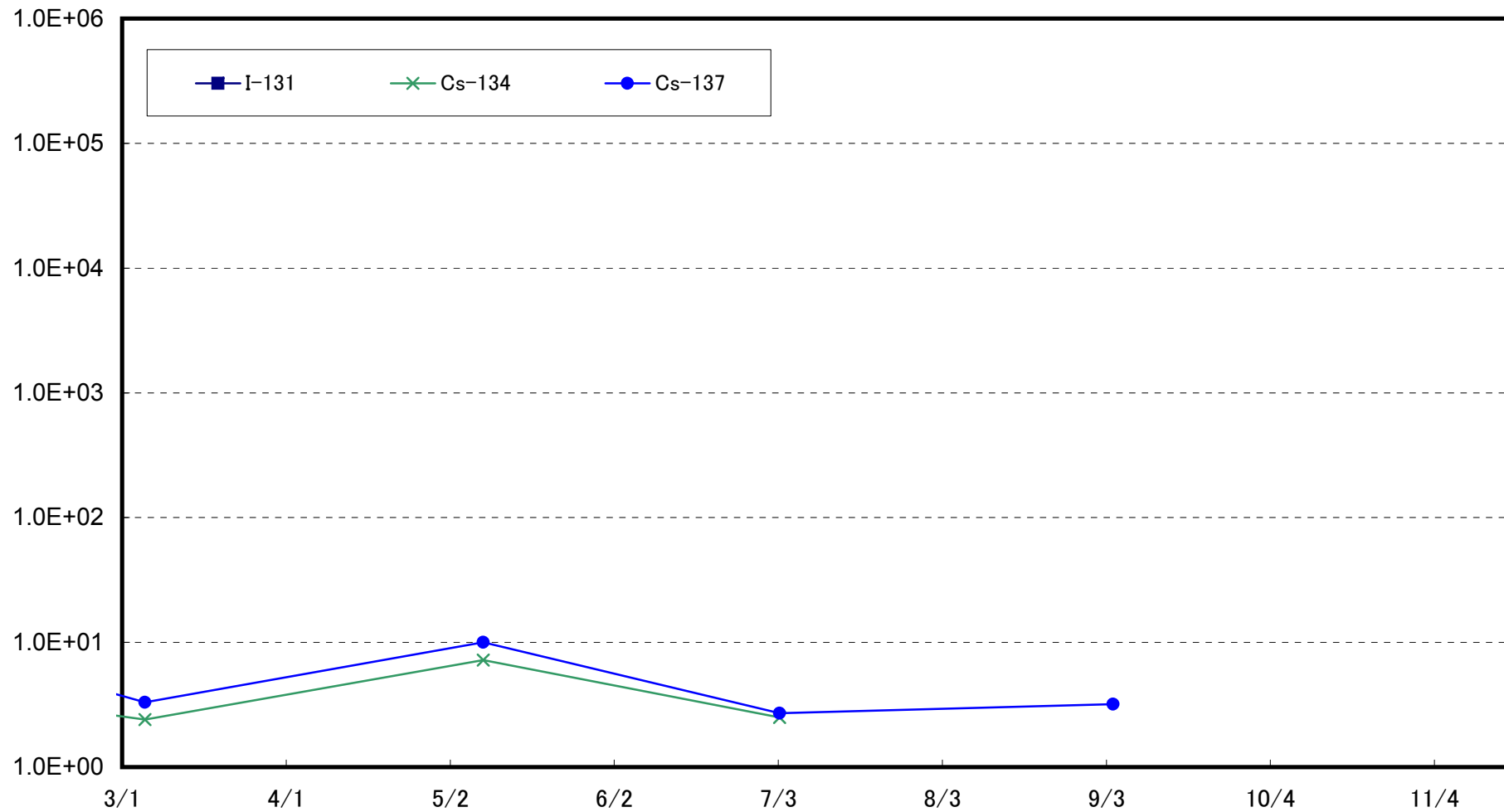




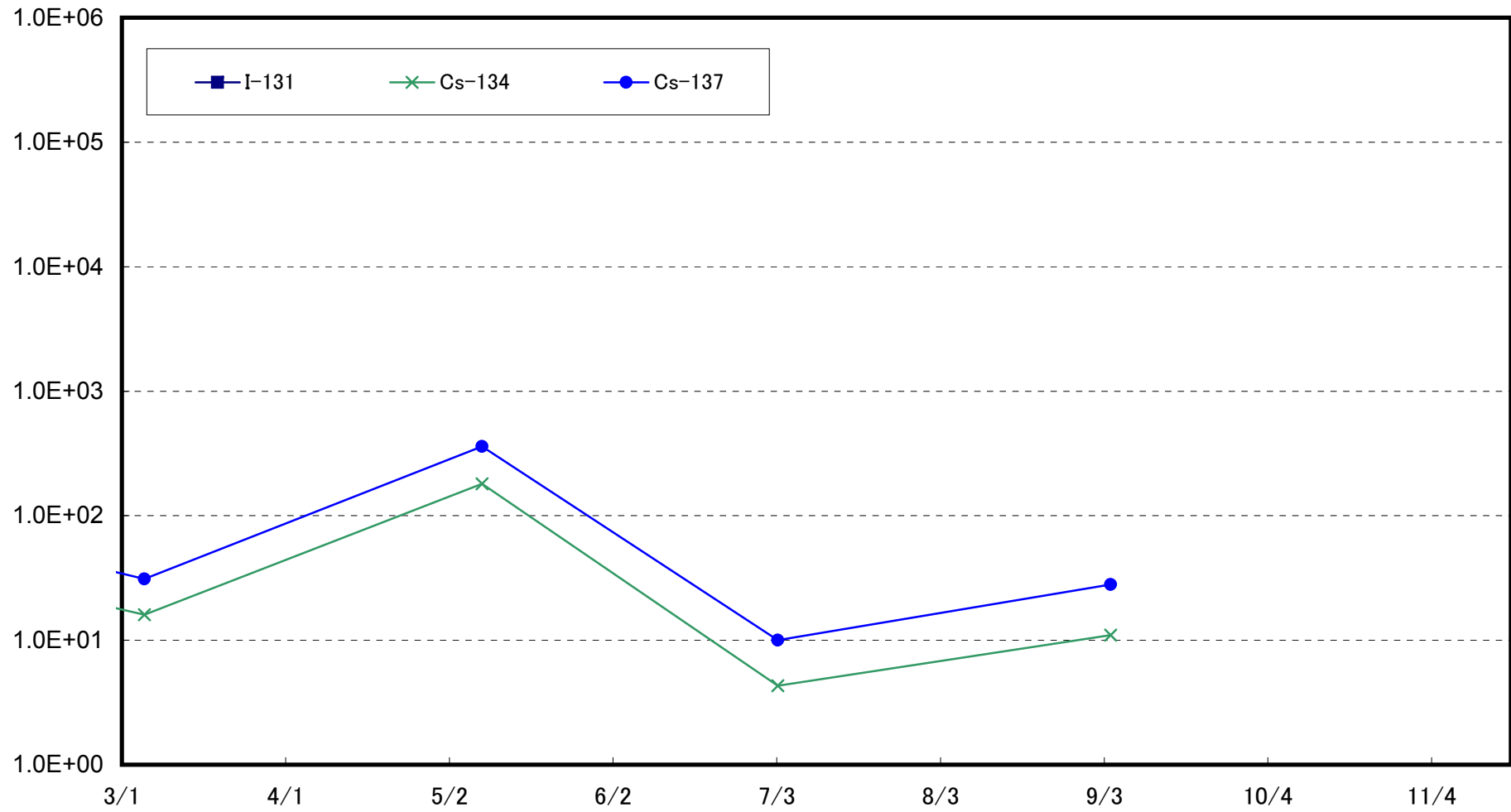
Radioactivity Density of the Marine Soil at 5km offshore of Numanouchi (T-M10) (Bq/kg (dry soil))



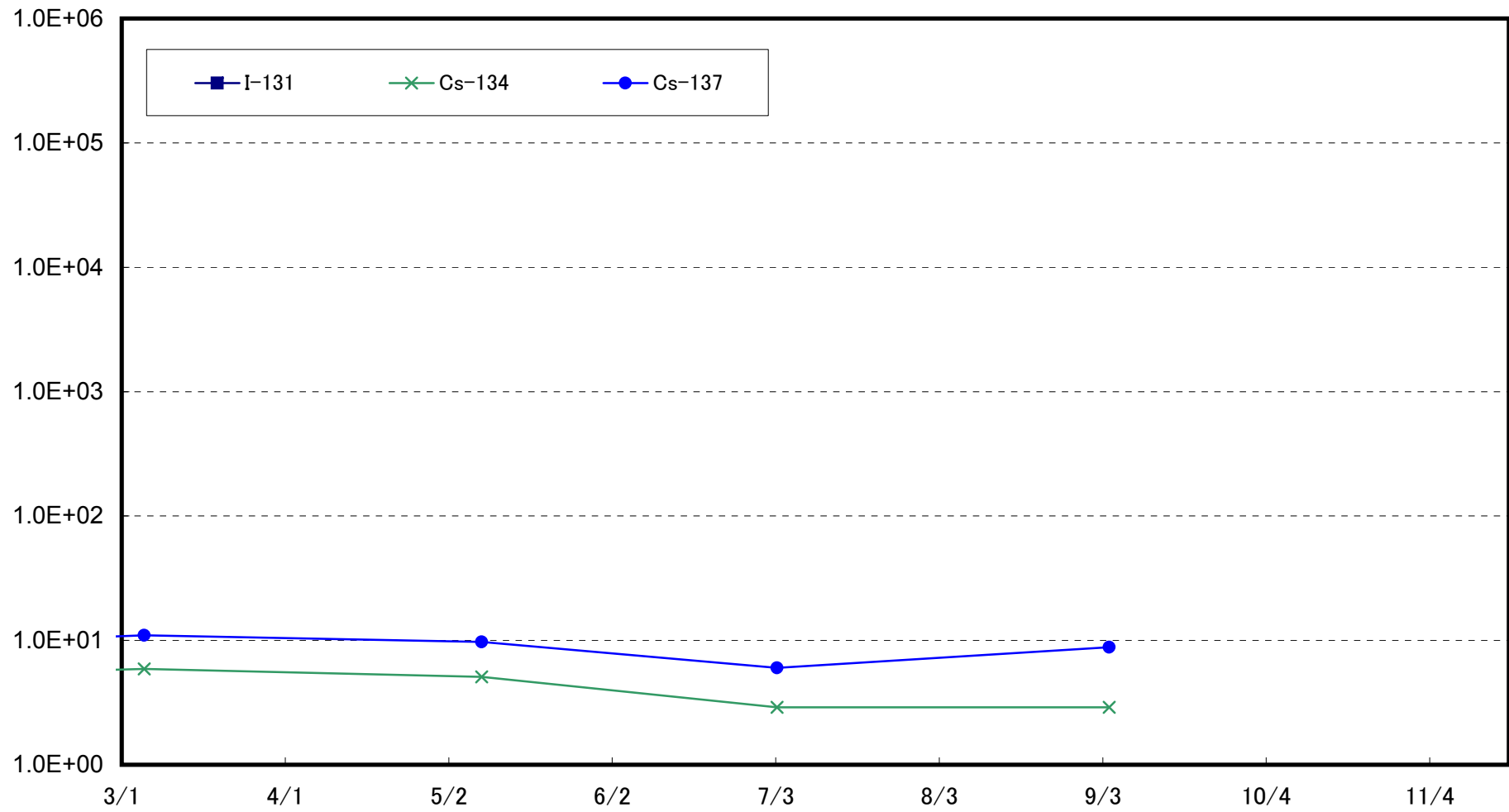
Radioactivity Density of the Marine Soil at 1km Offshore of Nida River (T-13-1) (Bq/kg (dry soil))



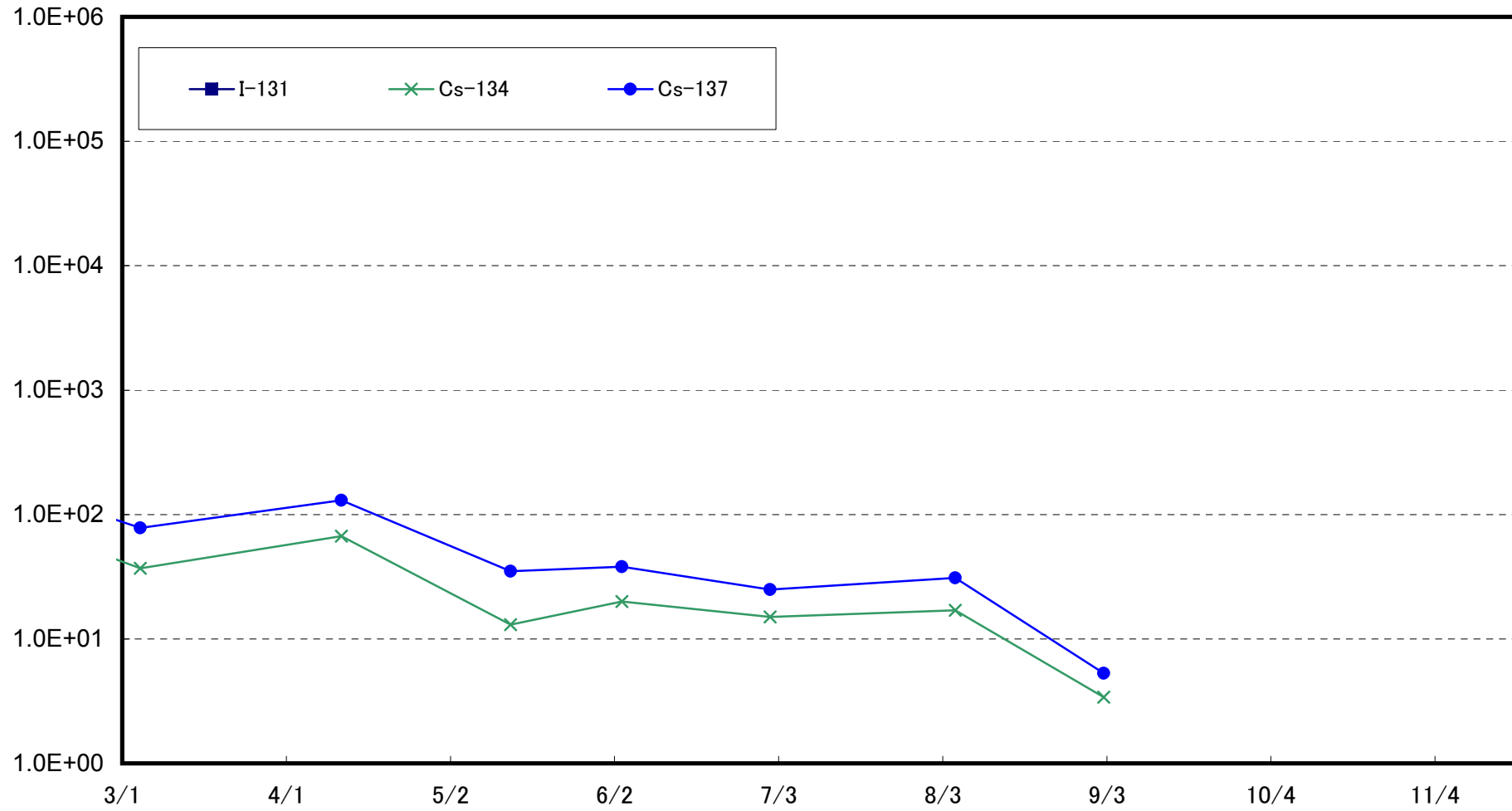
Radioactivity Density of the Marine Soil at 3km Offshore of Soma (T-22) (Bq/kg (dry soil))



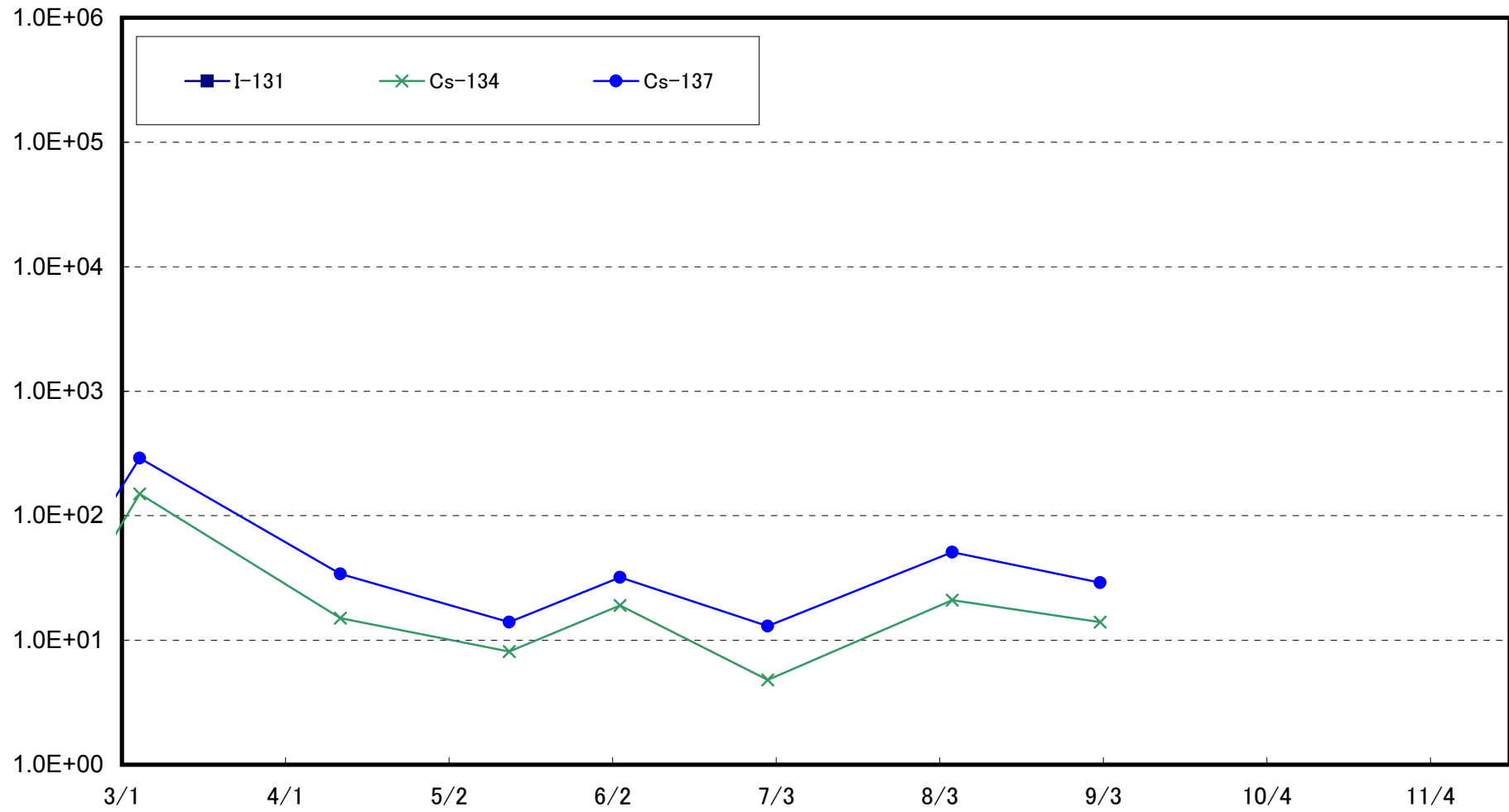
Radioactivity Density of the Marine Soil at 5km Offshore of Kashima (T-MA) (Bq/kg (dry soil))



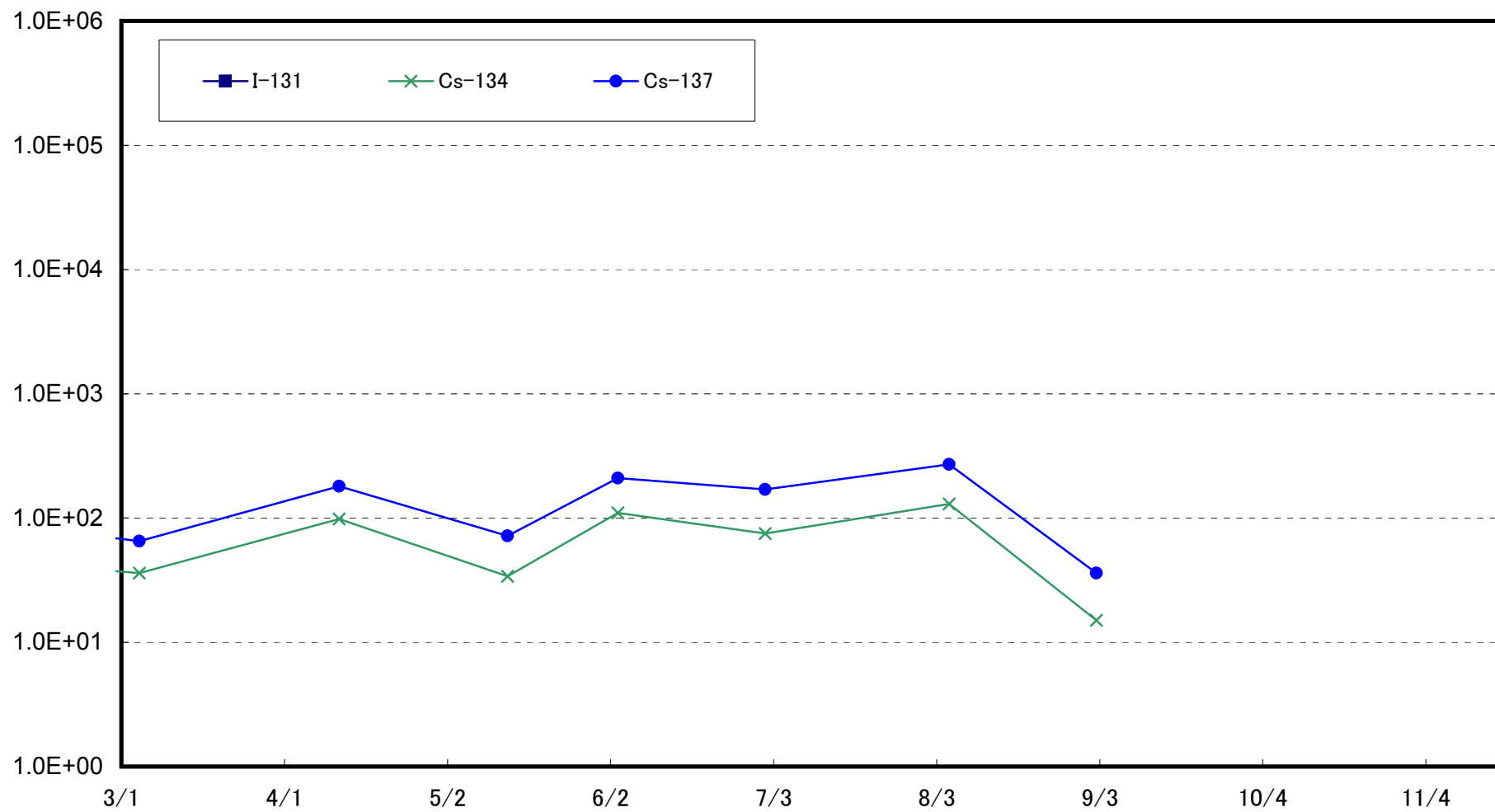
Radioactivity Density of the Marine Soil at 1km Offshore of Murakami, Odaka Ward (T-①) (Bq/kg (dry soil))



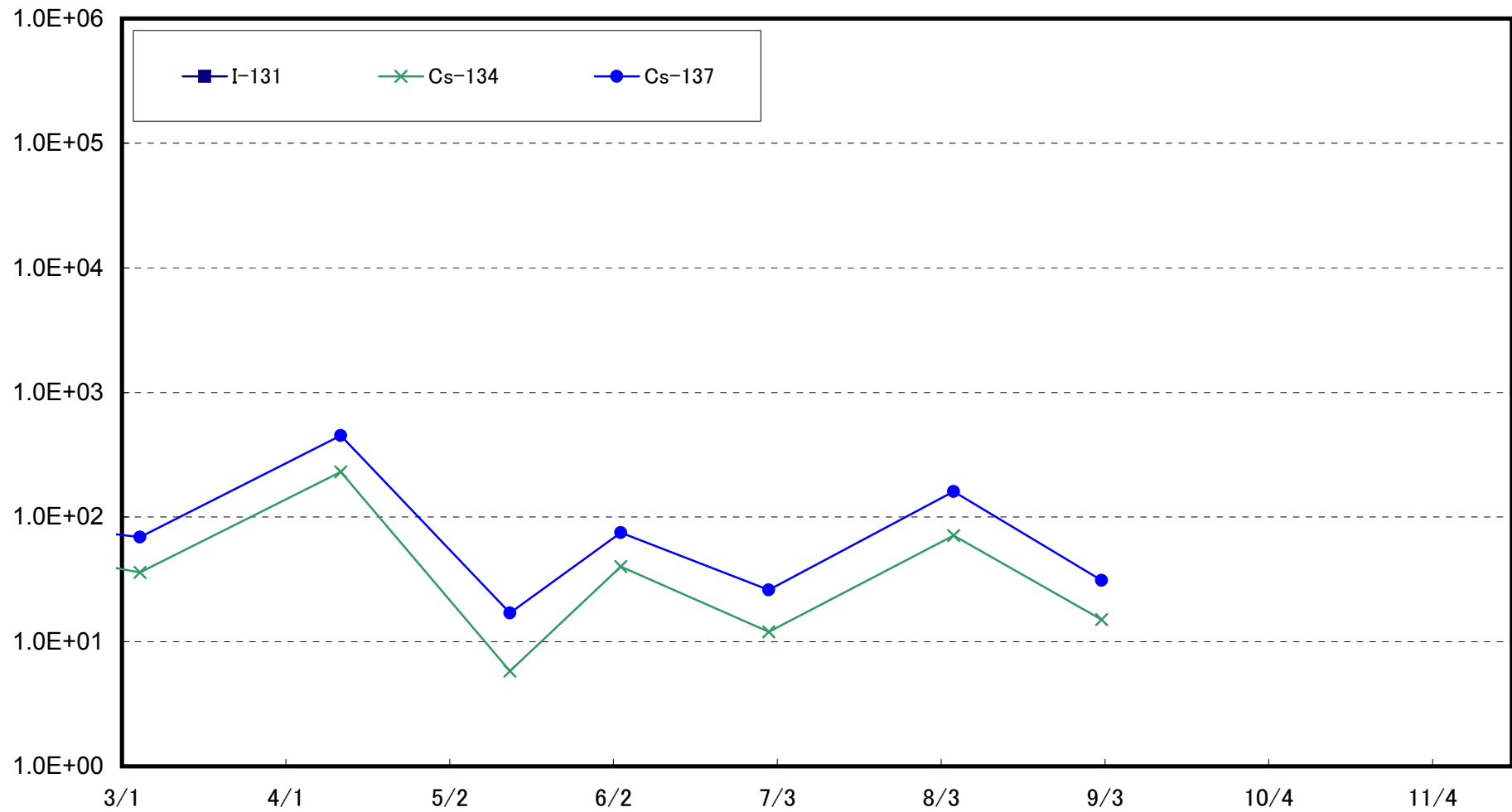
Radioactivity Density of the Marine Soil at 2km Offshore of Murakami, Odaka Ward (T-②) (Bq/kg (dry soil))



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

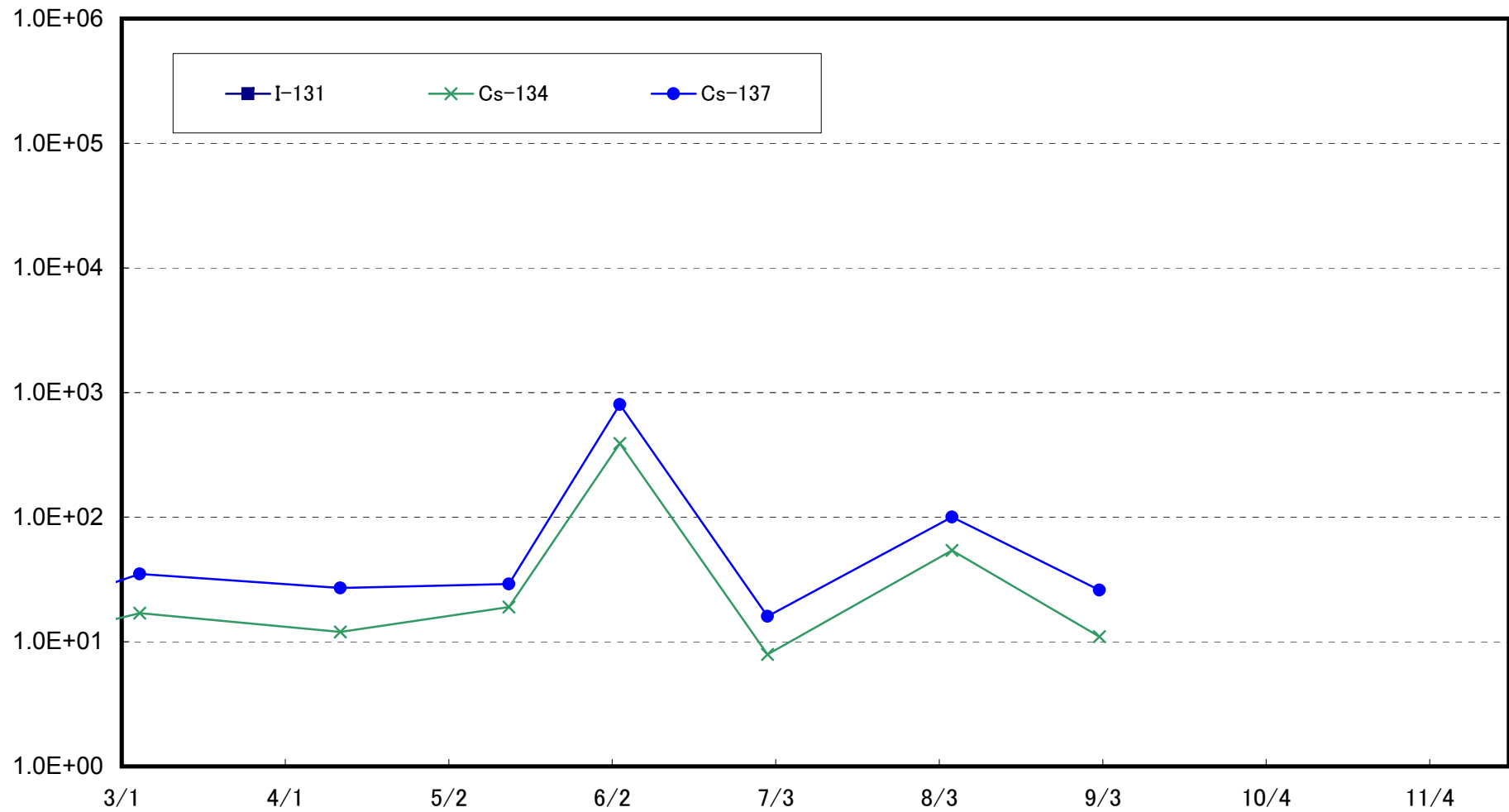


Radioactivity Density of the Marine Soil at 2km Offshore of Ukedo, Namie Town (T-④) (Bq/kg (dry soil))

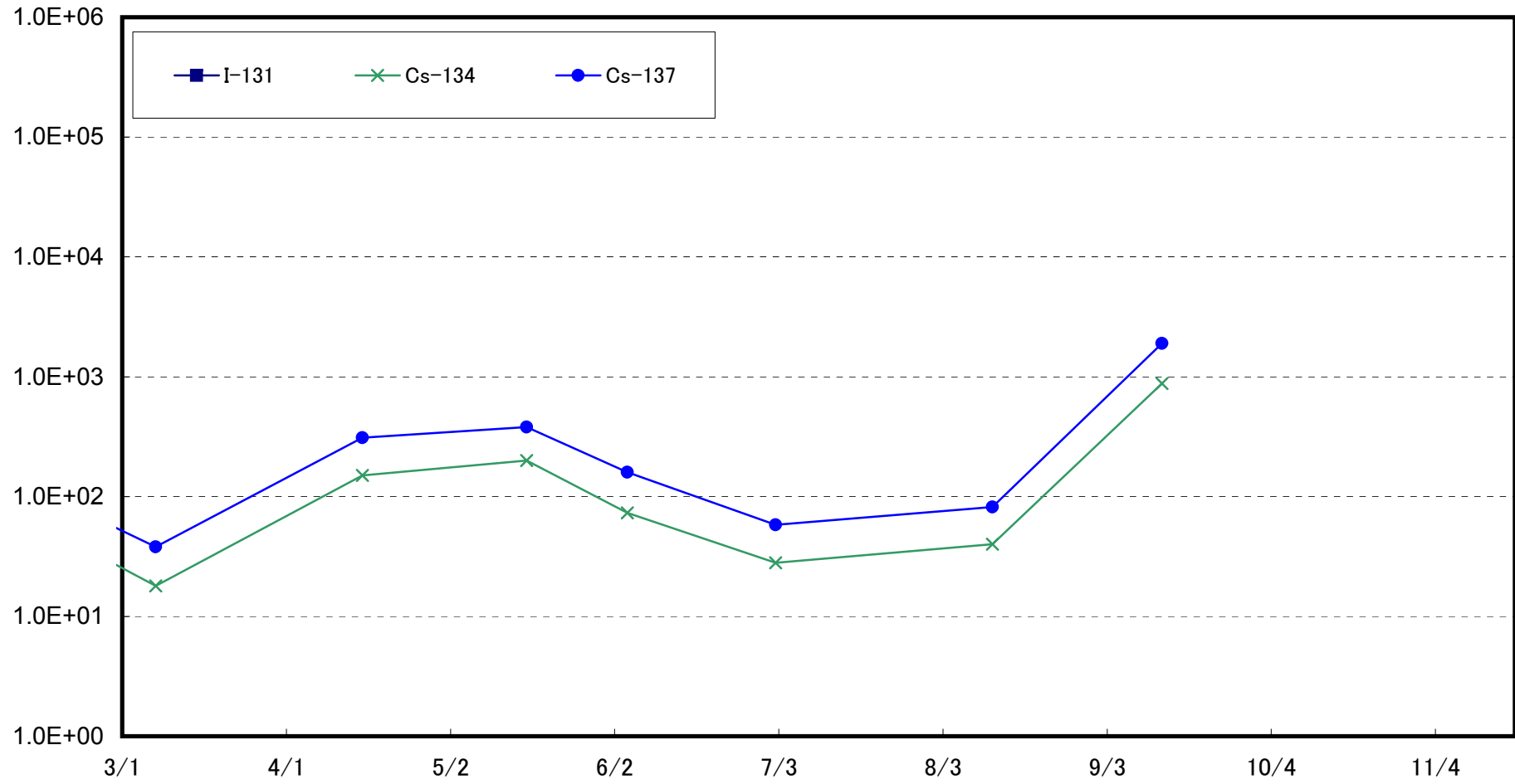




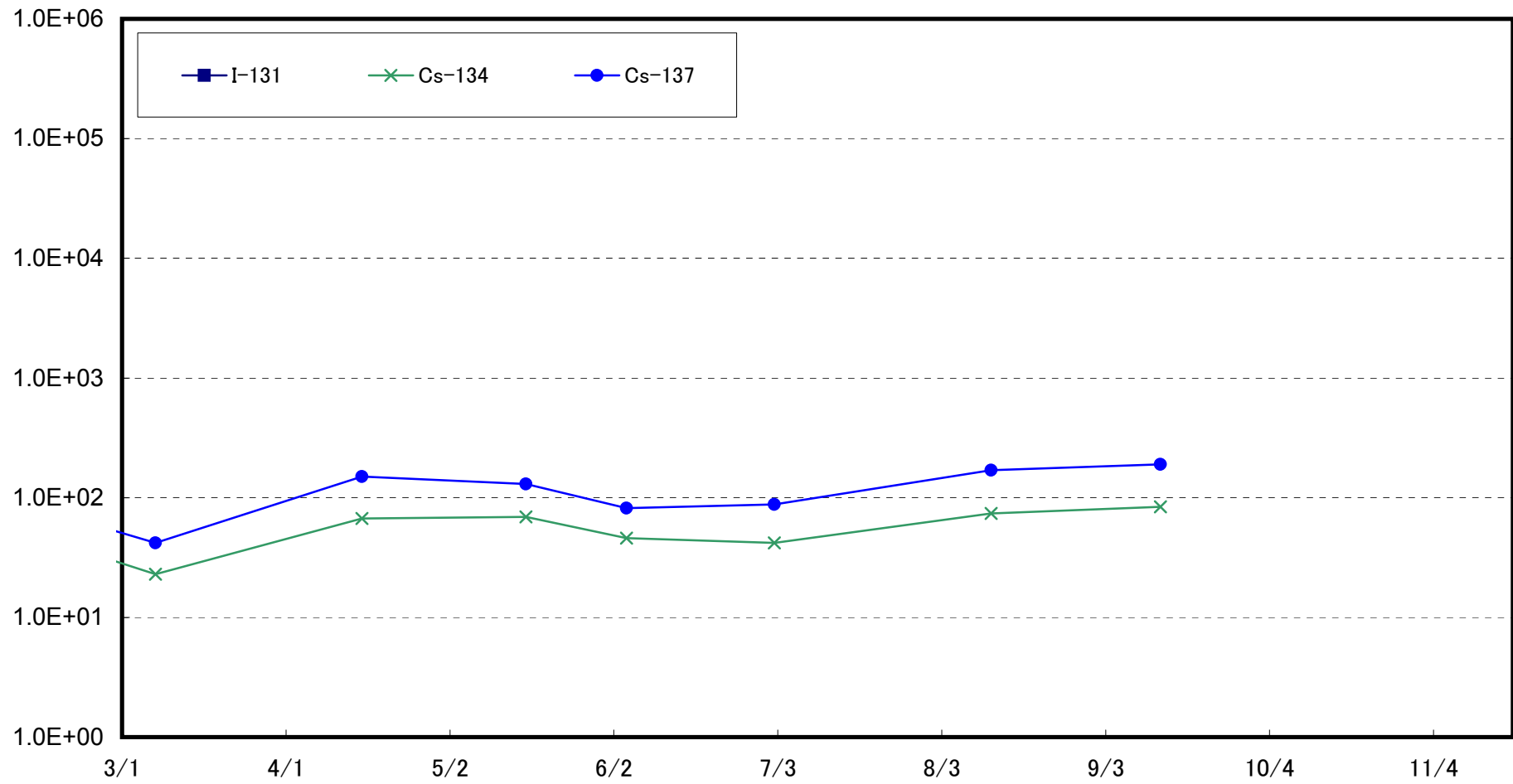
Radioactivity Density of the Marine Soil at 3km Offshore of Ukedo, Namie Town (T-⑤) (Bq/kg (dry soil))



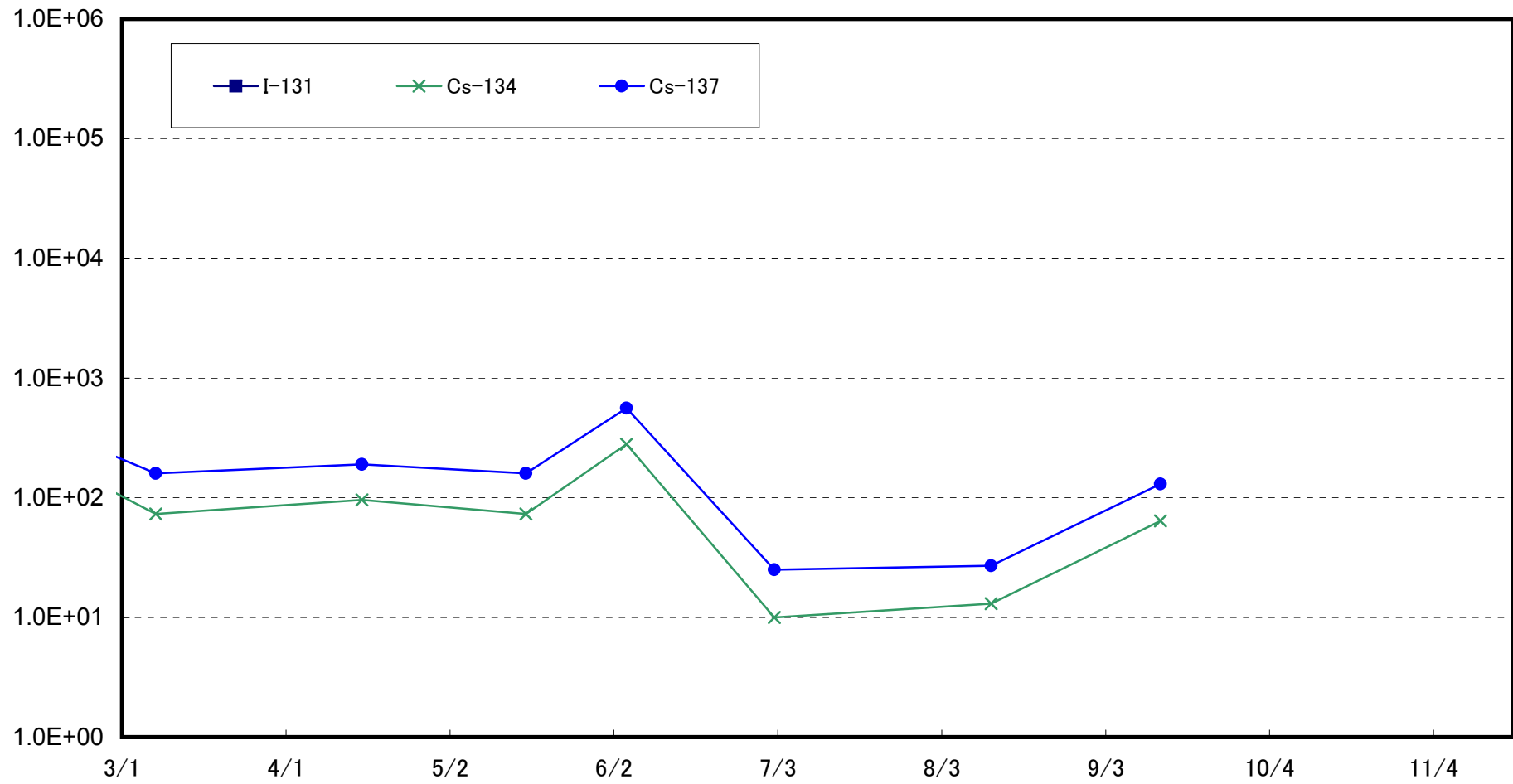
Radioactivity Density of the Marine Soil at 1km Offshore of Kumagawa, Okuma Town (T-⑥) (Bq/kg (dry soil))



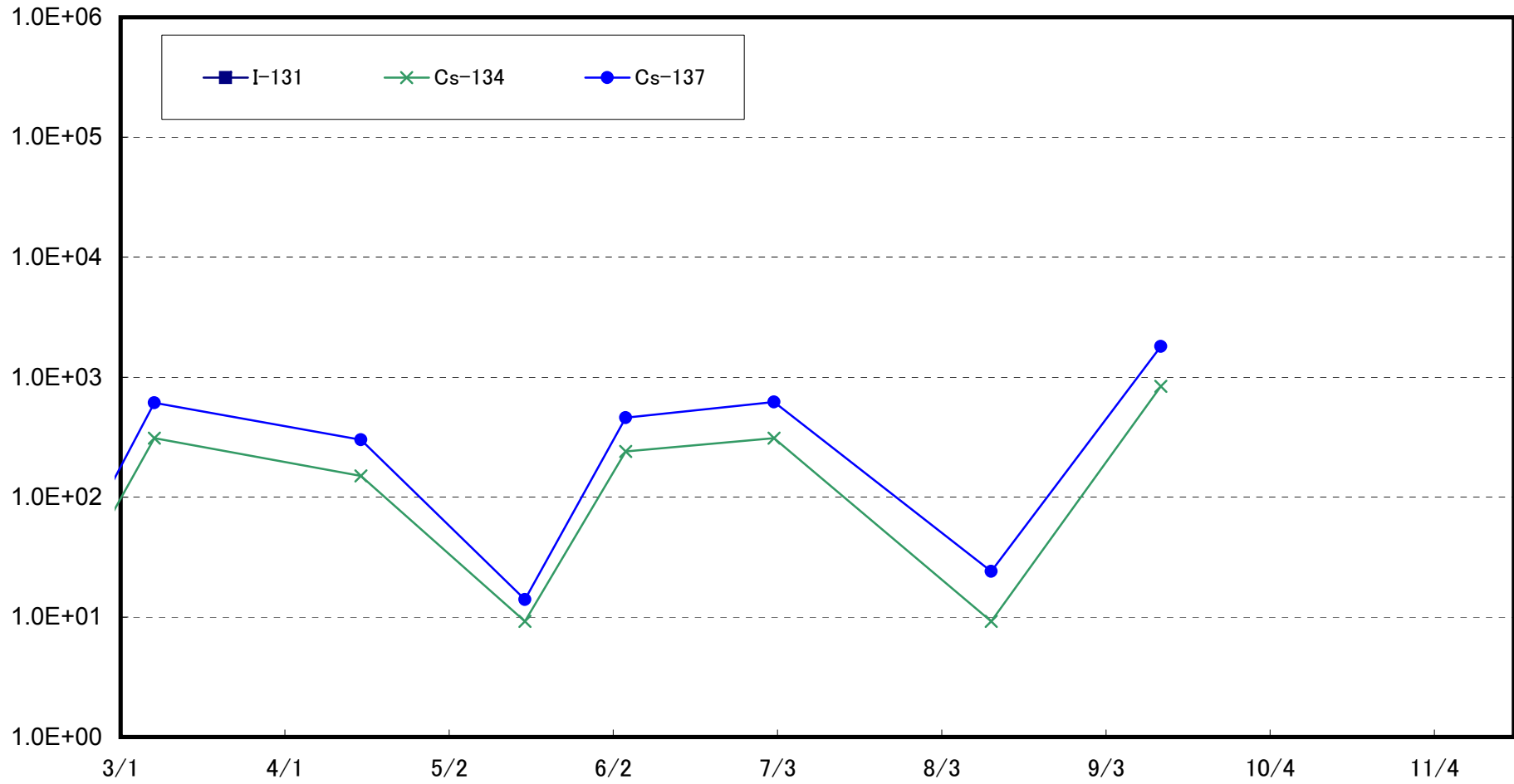
Radioactivity Density of the Marine Soil at 2km Offshore of Kumagawa, Okuma Town (T-⑦) (Bq/kg (dry soil))



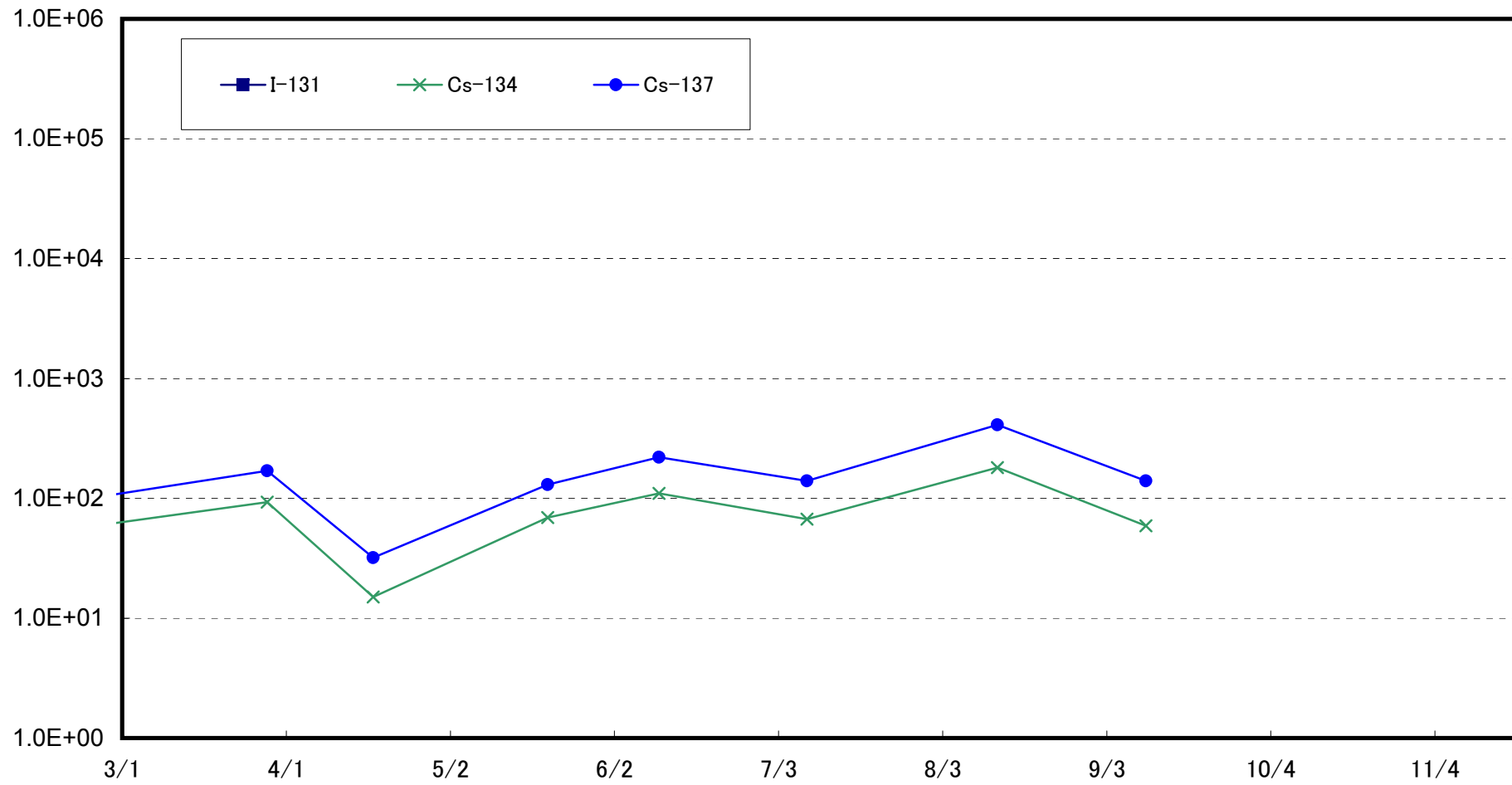
Radioactivity Density of the Marine Soil at 3km Offshore of Kumagawa, Okuma Town (T-⑧) (Bq/kg (dry soil))



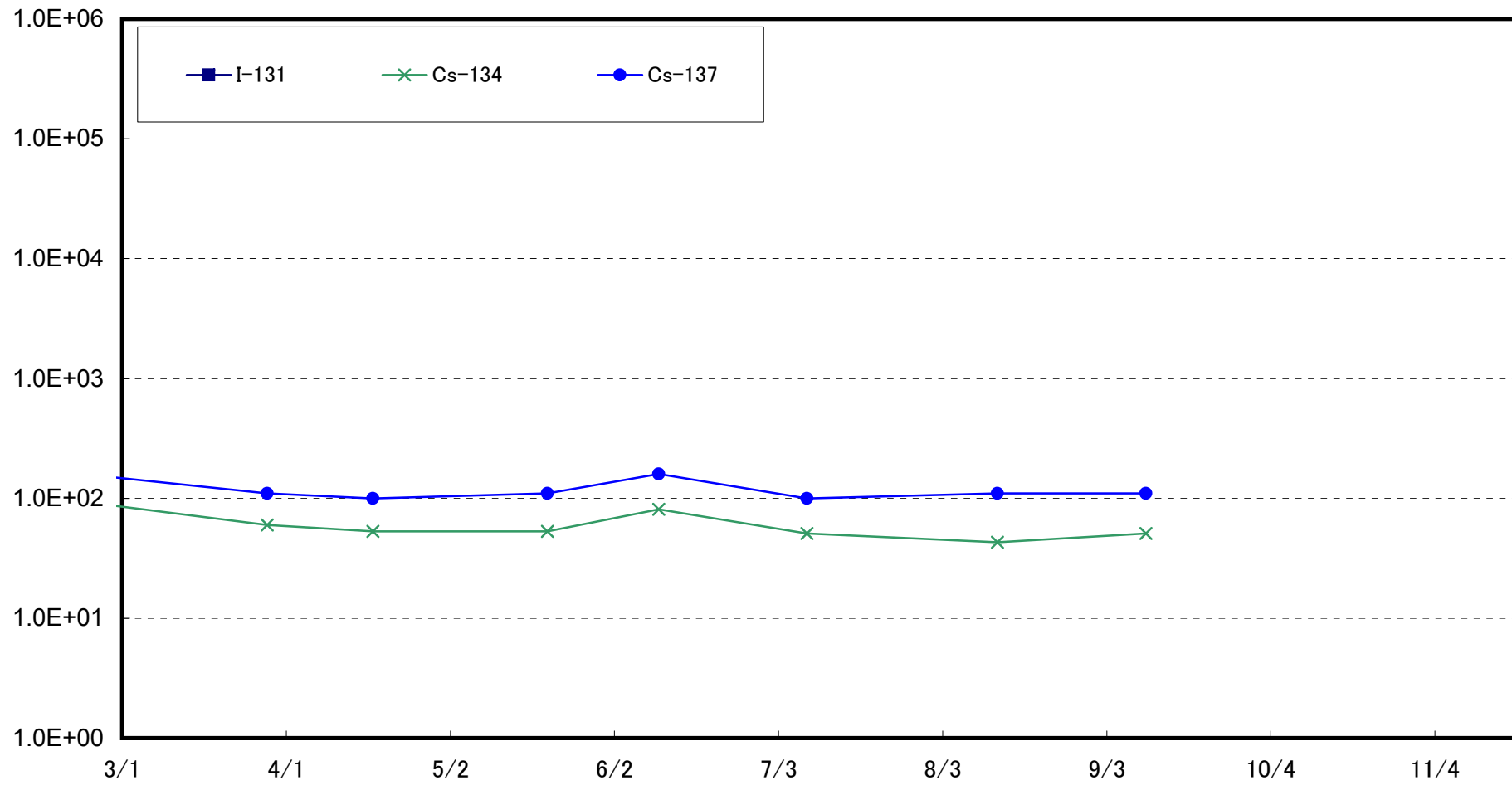
Radioactivity Density of the Marine Soil at 5km Offshore of Kumagawa, Okuma Town (T-9) (Bq/kg (dry soil))



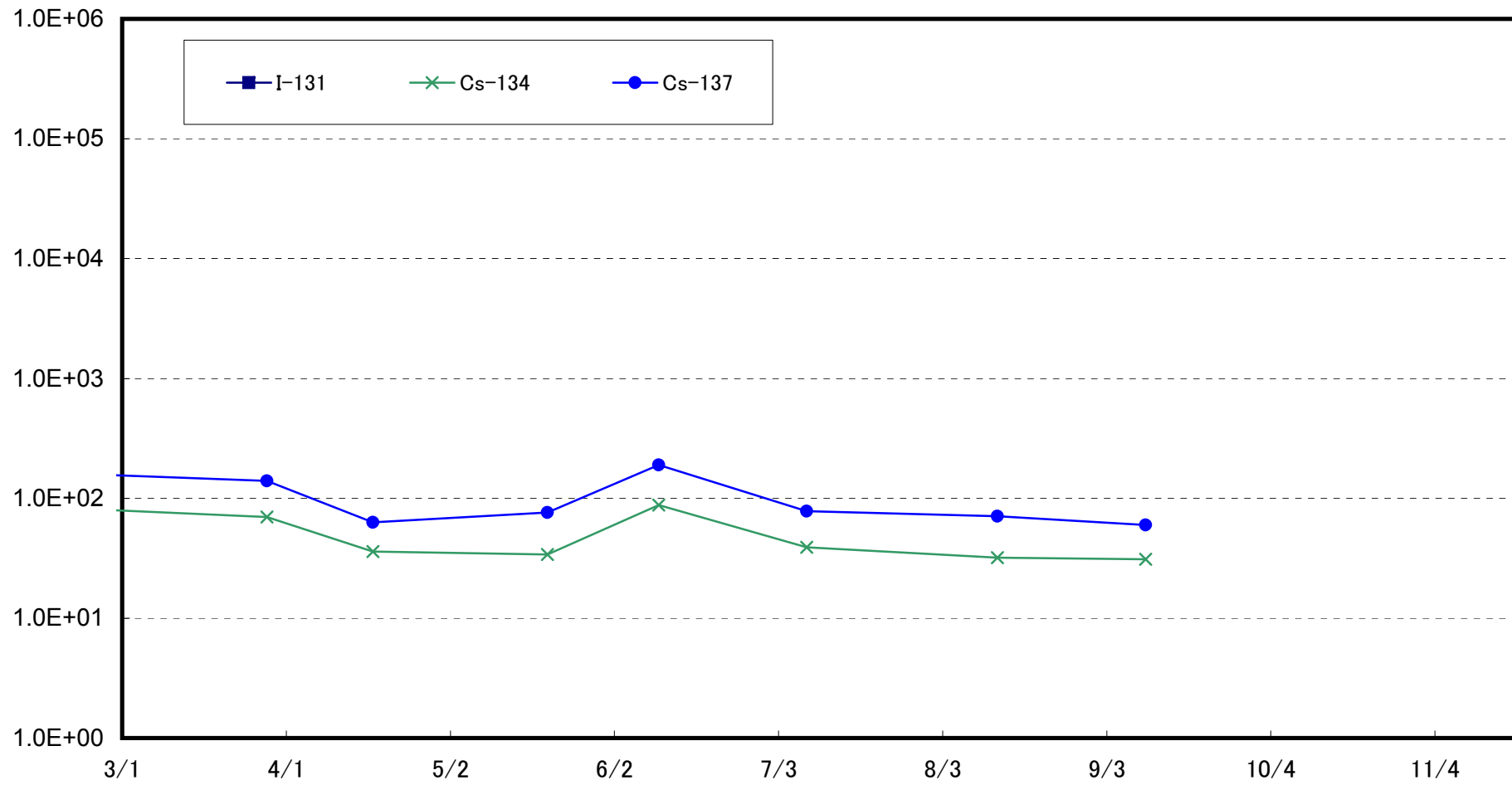
Radioactivity Density of the Marine Soil at 10km Offshore of Kumagawa, Okuma Town (T-10) (Bq/kg (dry soil))



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

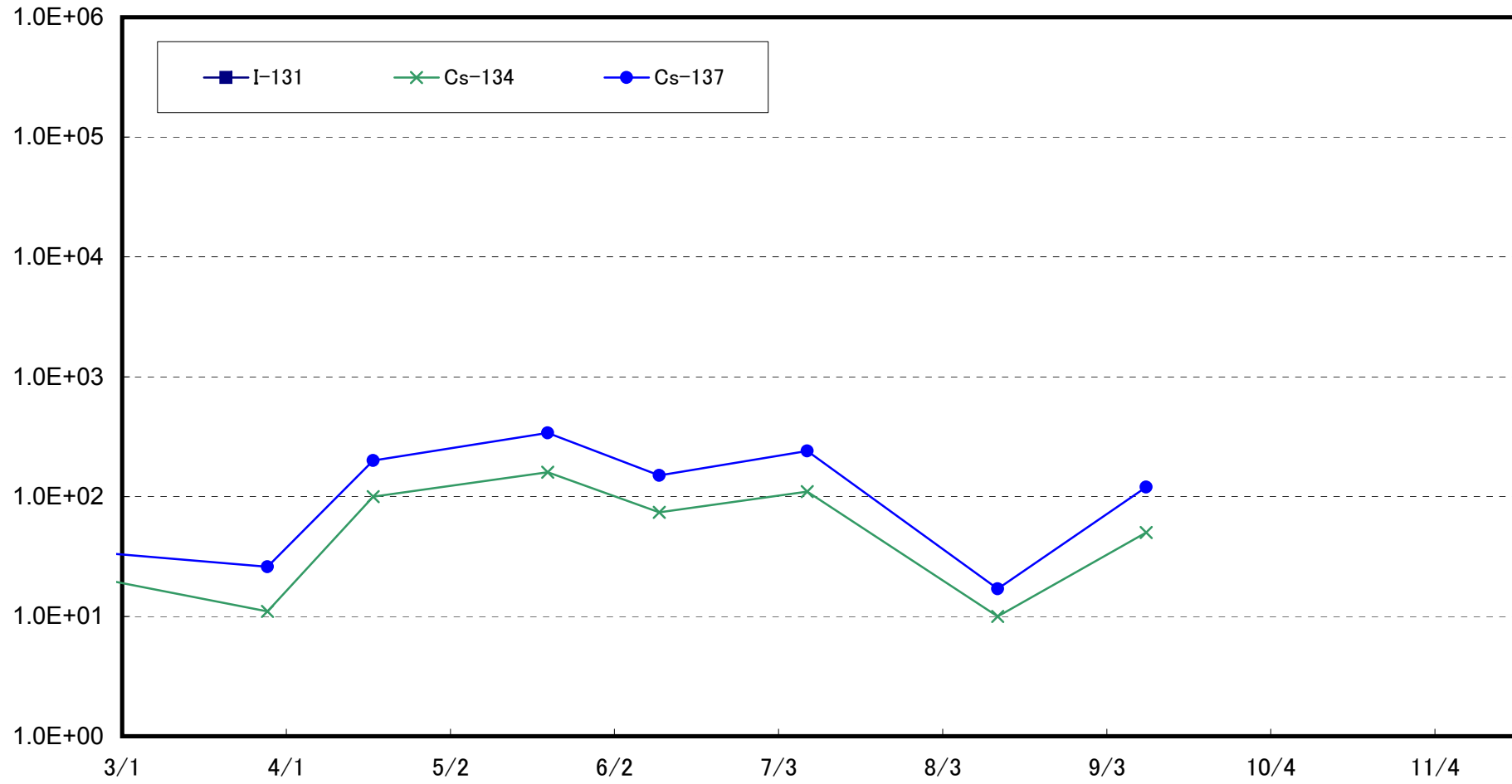


Radioactivity Density of the Marine Soil at 20km Offshore of Kumagawa, Okuma Town (T-12) (Bq/kg (dry soil))

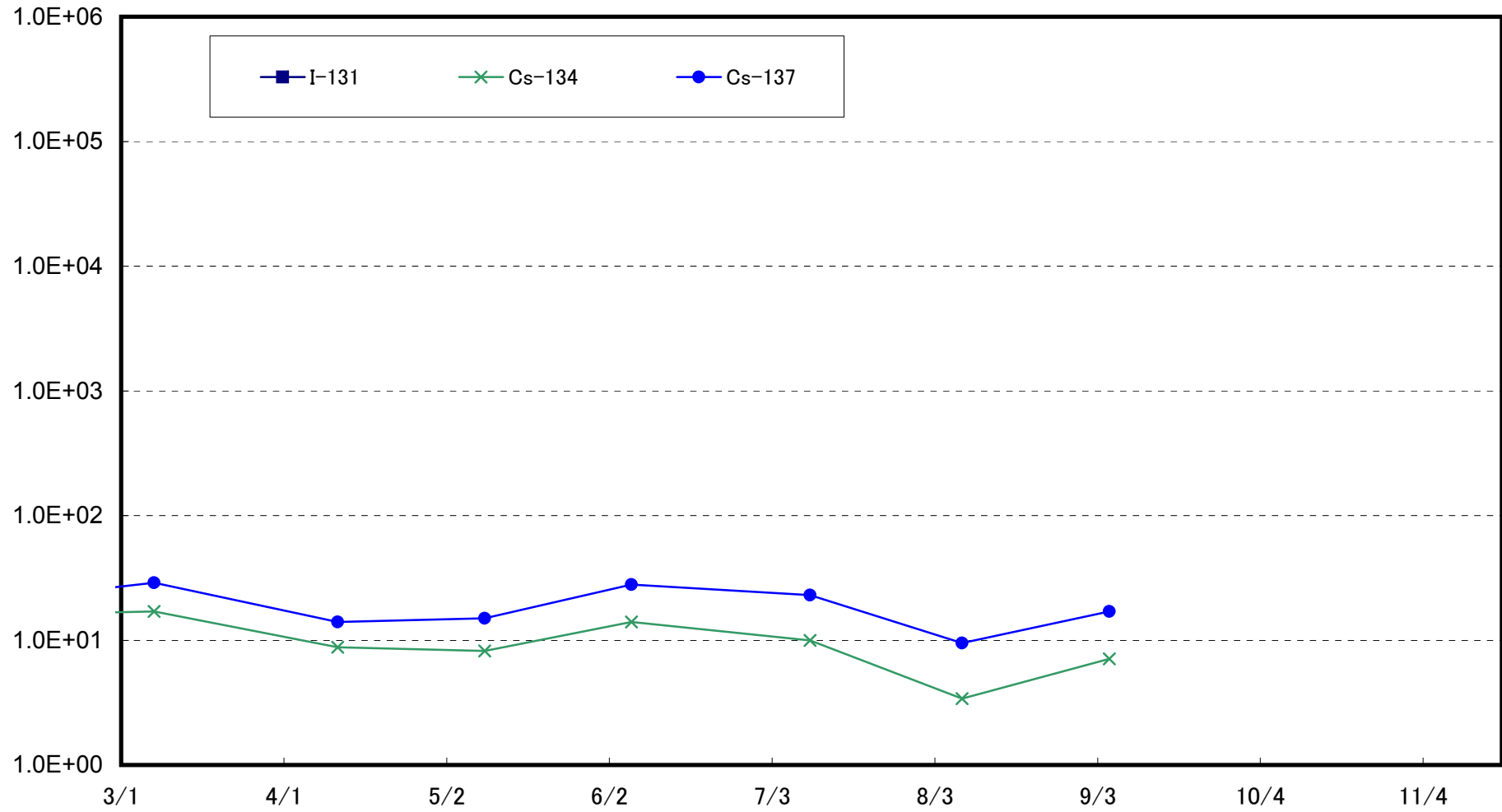




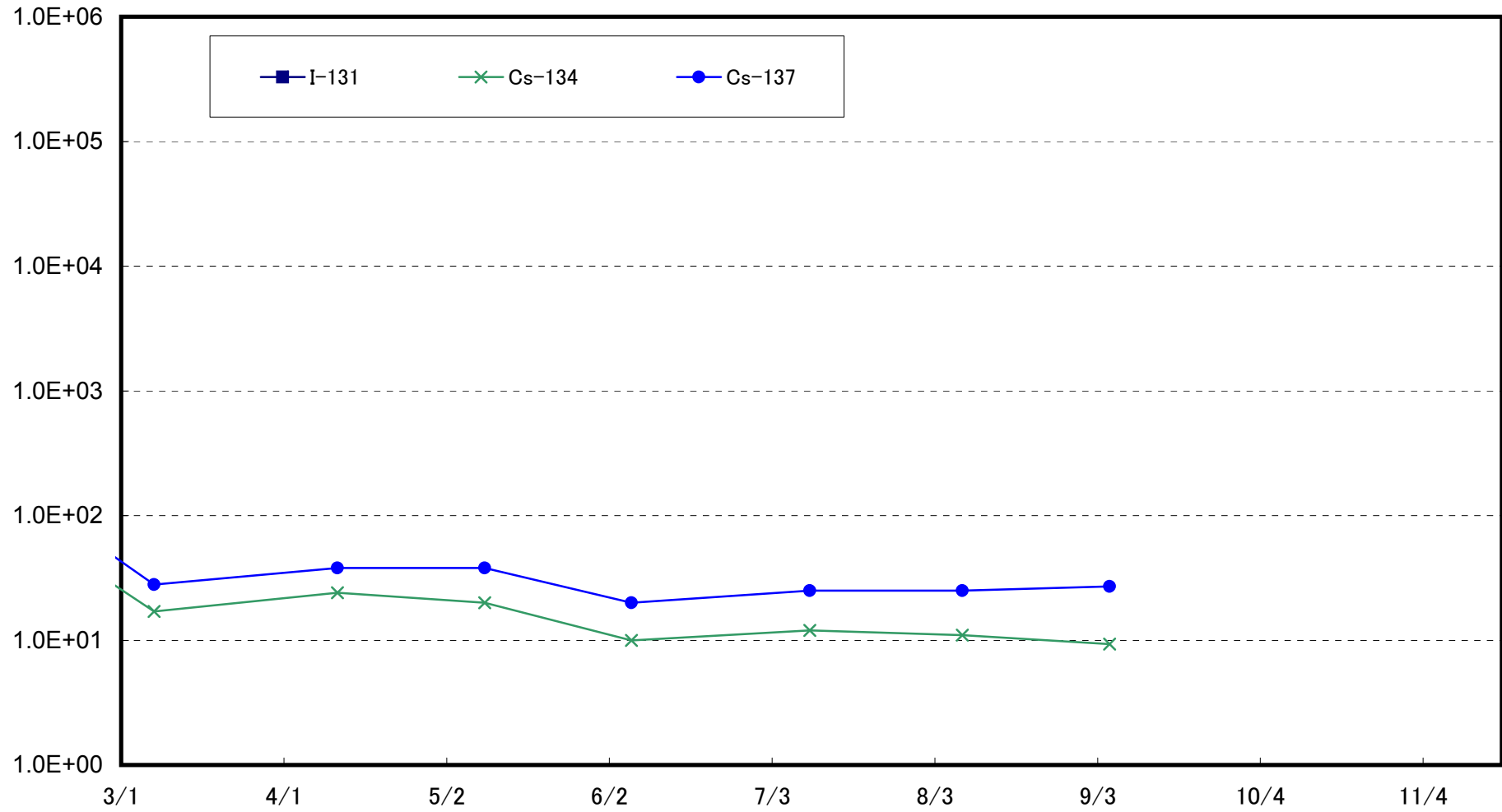
Radioactivity Density of the Marine Soil at 1km Offshore of Yamadahama, Naraha Town (T-13) (Bq/kg (dry soil))



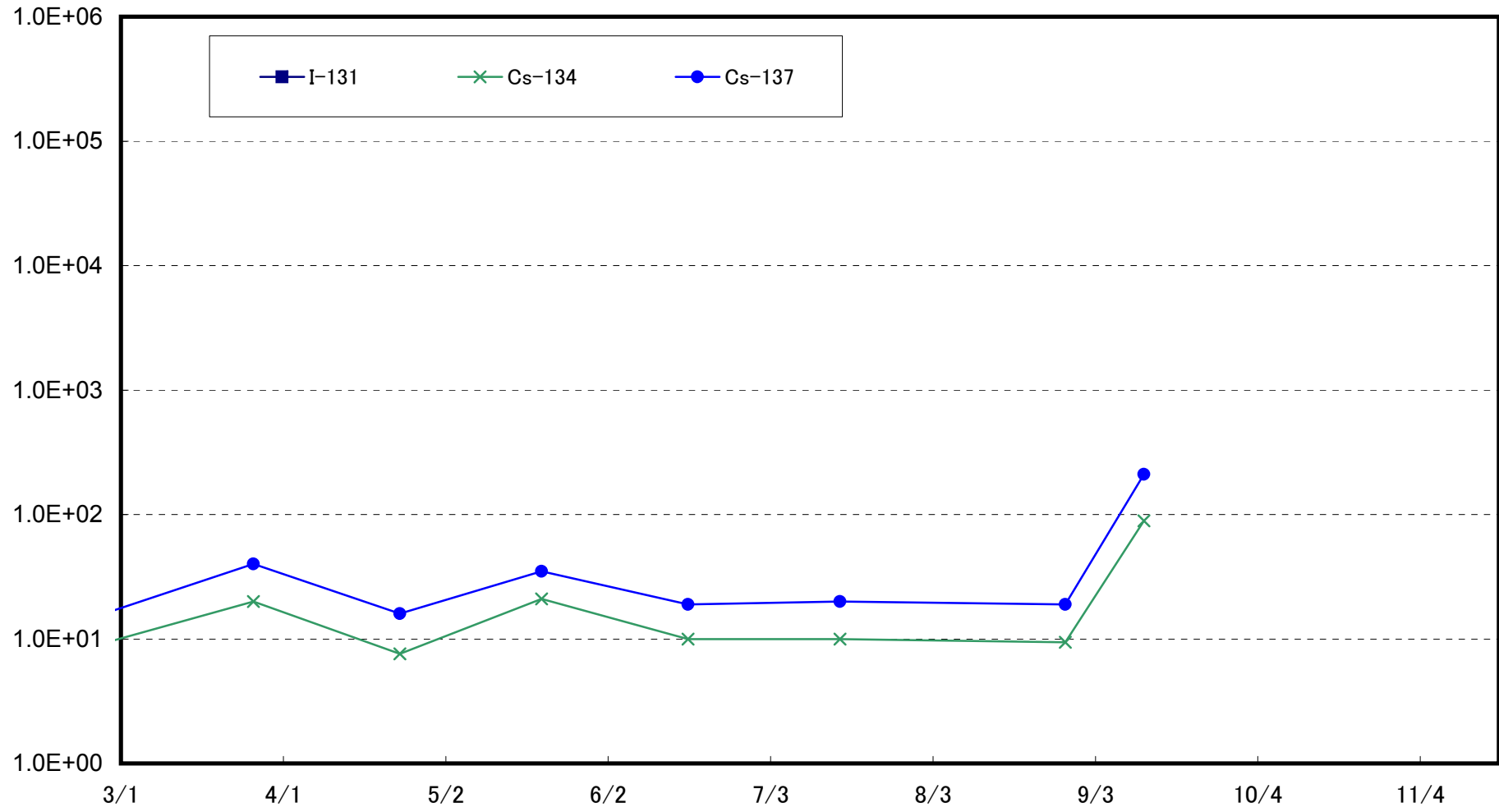
Radioactivity Density of the Marine Soil at Around 1km Offshore of Ota River (T-S1) (Bq/kg (dry soil))



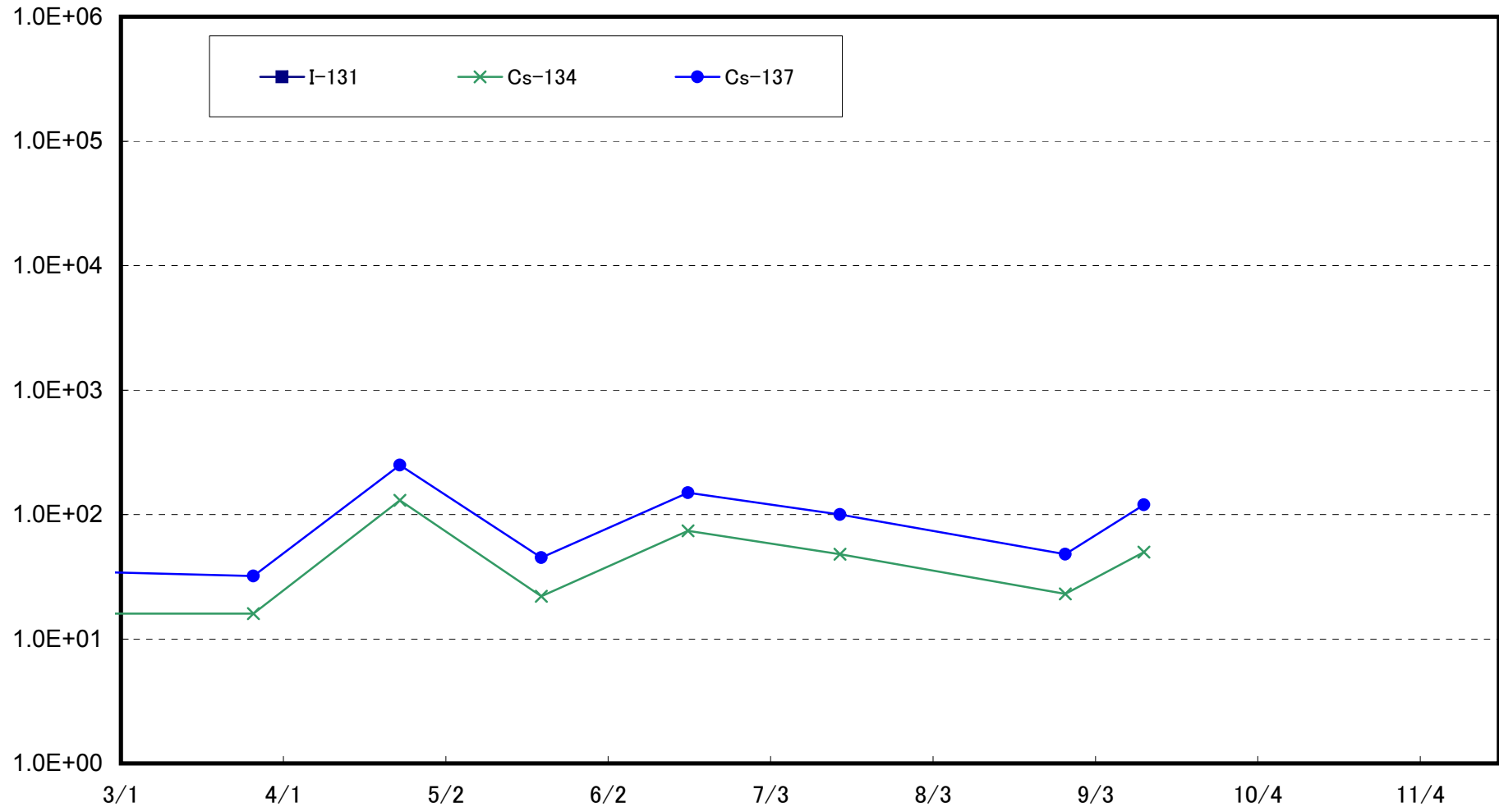
Radioactivity Density of the Marine Soil at Around 3km Offshore of Odaka Ward (T-S2) (Bq/kg (dry soil))



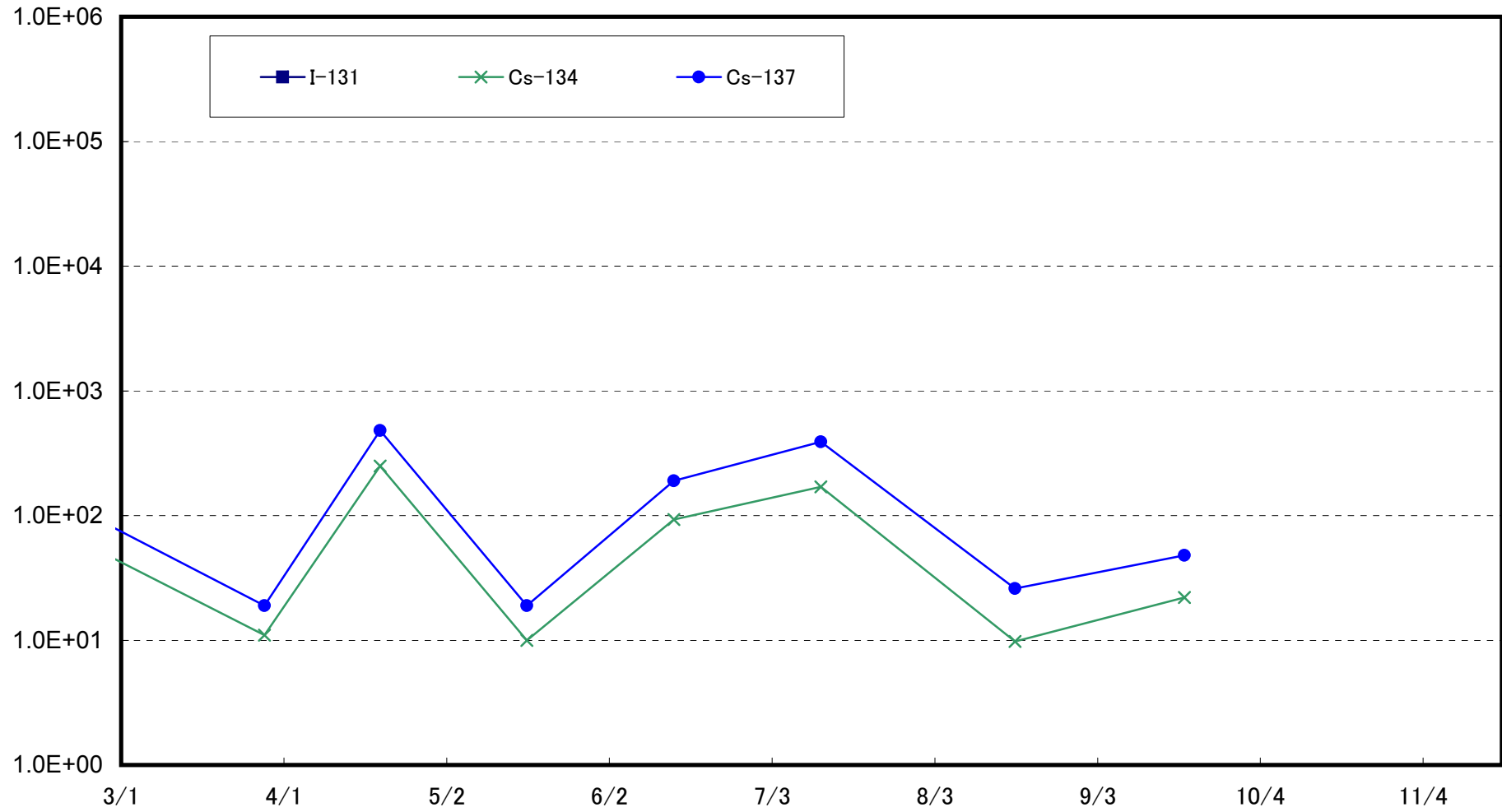
Radioactivity Density of the Marine Soil at Around 3km Offshore of Ukedo River (T-S3) (Bq/kg (dry soil))



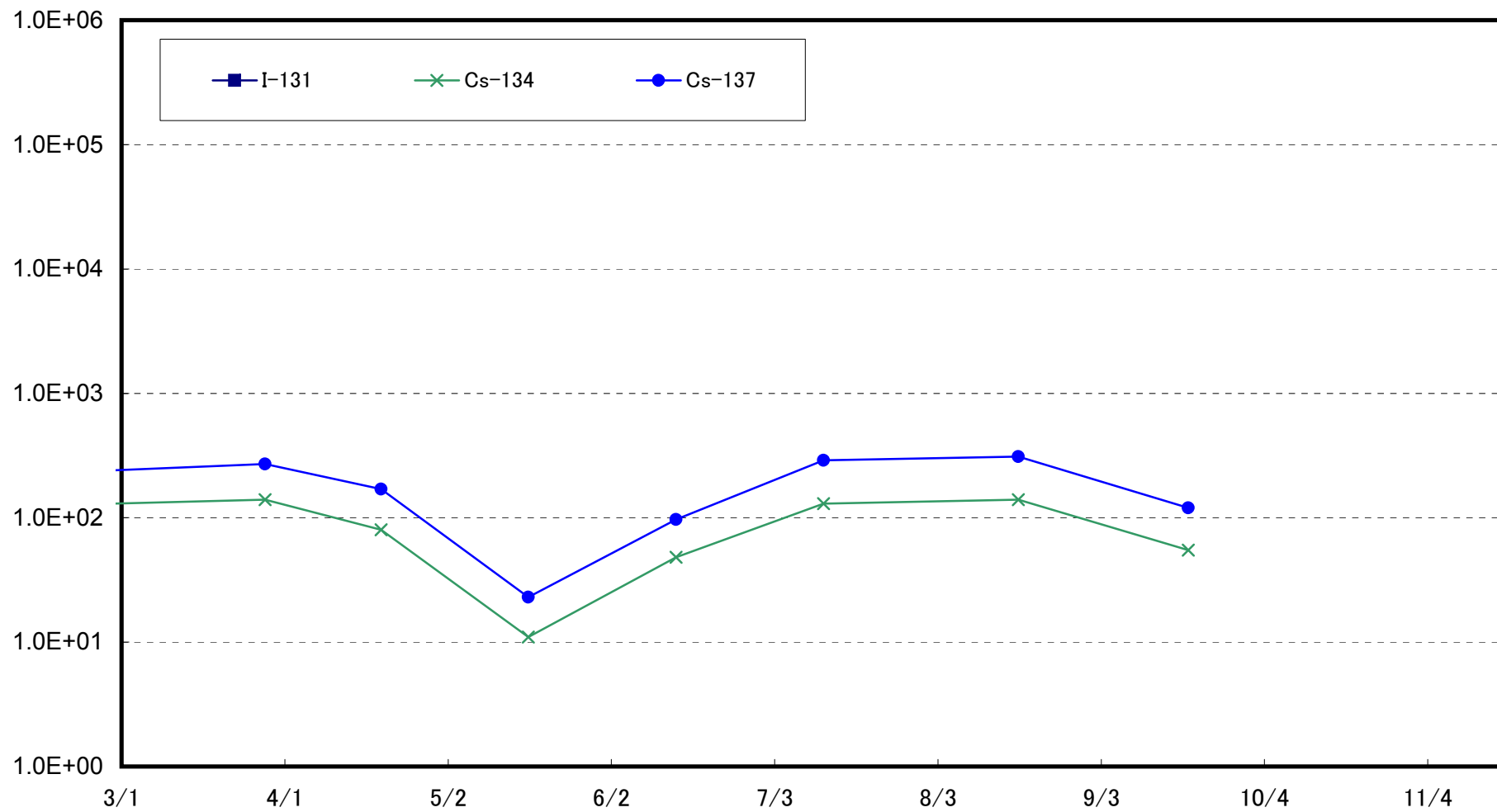
Radioactivity Density of the Marine Soil at Around 3km Offshore of 1F (T-S4) (Bq/kg (dry soil))



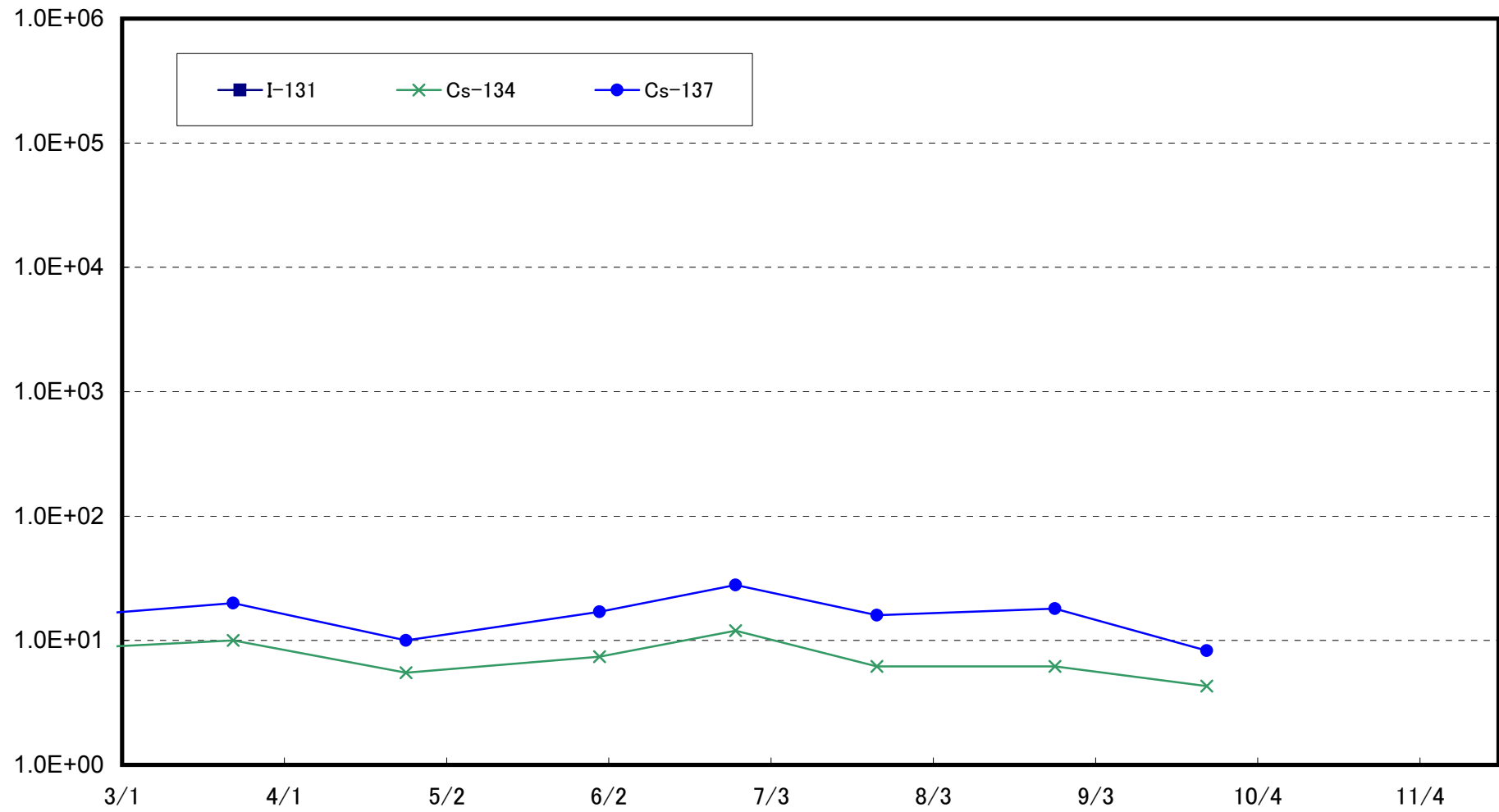
Radioactivity Density of the Marine Soil Around 2km Offshore of Kido River (T-S5) (Bq/kg (dry soil))



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

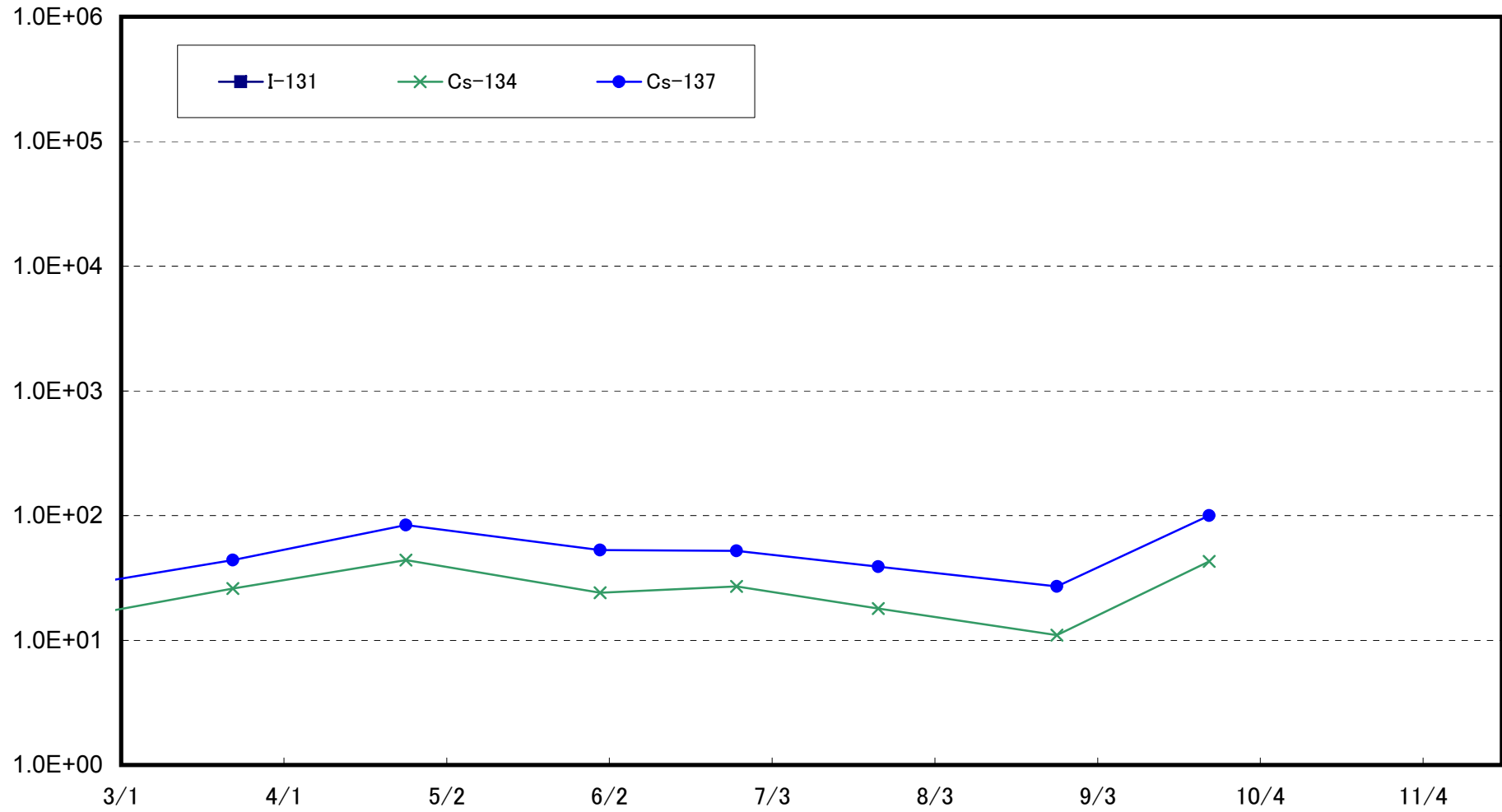


Radioactivity Density of the Marine Soil at Around 15km Offshore of Odaka Ward (T-B1) (Bq/kg (dry soil))

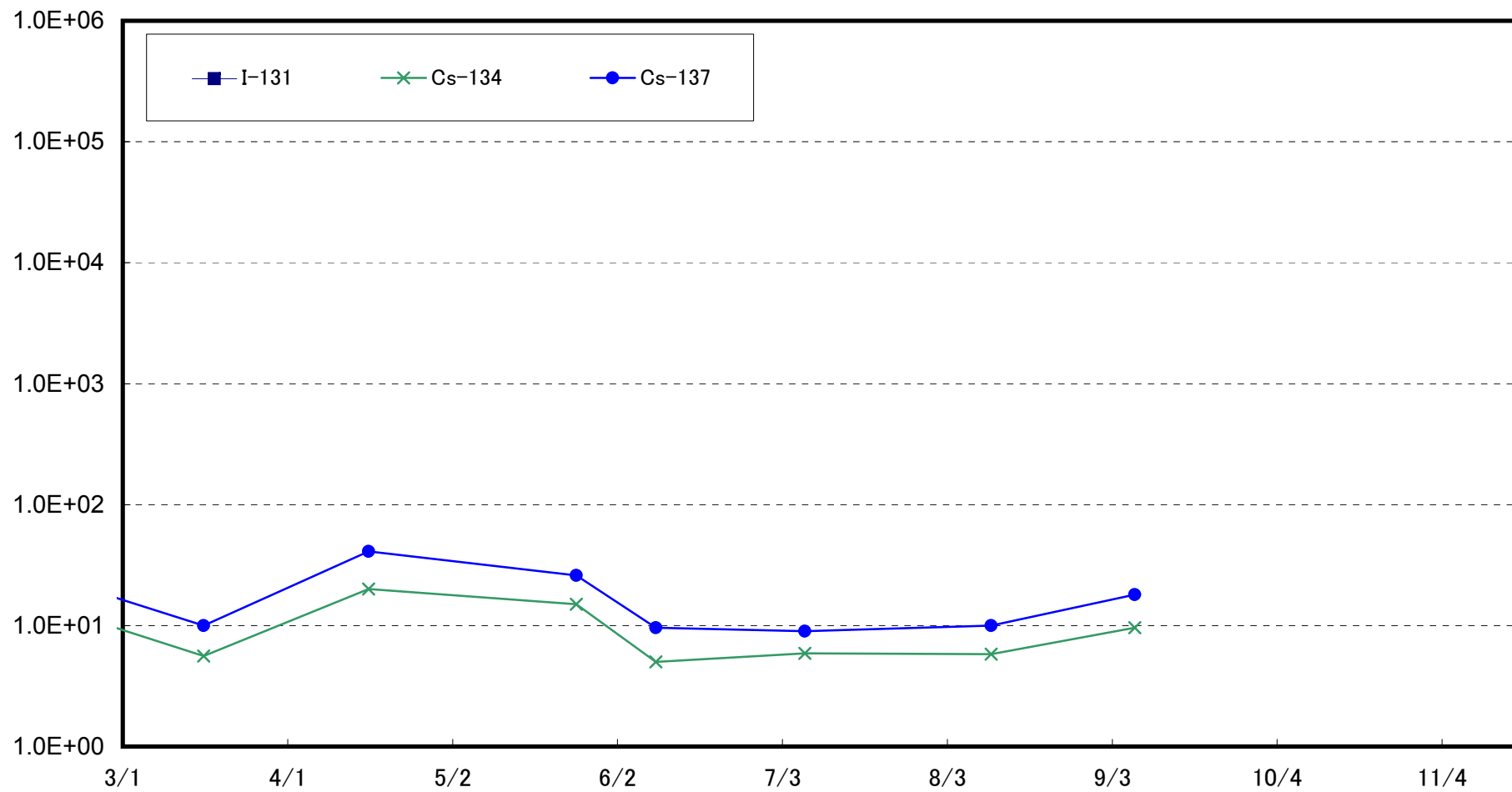




Radioactivity Density of the Marine Soil at Around 18km Offshore of Ukedo River (T-B2) (Bq/kg (dry soil))



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))

