

Nuclides Analysis Result of the Radioactive Materials in the Seawater < Coast, Fukushima Daiichi Nuclear Power Station >

(Data summarized on August 13)

Place of Sampling	North of Unit 5-6 Discharge Channel at Fukushima Daiichi NPS (Approx. 30m North of Unit 5-6 Discharge Channel)	Around South Discharge Channel of Fukushima Daiichi NPS (Approx. 1.3km South of Unit 1-4 Discharge Channel)			
Time of Sampling	Aug 12, 2014 6:35 AM	Aug 12, 2014 5:15 AM		② Density Limit Specified by the Reactor Regulation (Bq/L) (The density limit in the water outside the surrounding monitored areas is provided in section 6 of Appendix 2.)	
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)		Scaling Factor (①/②)
I-131 (Approx. 8 days)	ND(0.74)	-	ND(0.64)	-	40
Cs-134 (Approx. 2 years)	ND(0.73)	-	ND(0.81)	-	60
Cs-137 (Approx. 30 years)	ND(0.80)	-	ND(0.63)	-	90

- * The density specified by the Reactor Regulation is converted from Bq/cm³ to Bq/L.
- * Data of other nuclides is under evaluation.
- * In the case of more than 2 nuclides, the sum of scaling factors to density limits is compared to 1.
- * "ND" indicates that the measurement result is below the detection limit, which is provided in parentheses.

**Nuclides Analysis Result of the Radioactive Materials in the Seawater
< Coast, Fukushima Daiichi Nuclear Power Station, Remeasurement >**

(Data summarized on August 13)

Place of Sampling	North of Unit 5-6 Discharge Channel at Fukushima Daiichi NPS (Approx. 30m North of Unit 5-6 Discharge Channel)						Around South Discharge Channel of Fukushima Daiichi NPS (Approx. 1.3km South of Unit 1-4 Discharge Channel)						② Density Limit Specified by the Reactor Regulation (Bq/L) (The density limit in the water outside the surrounding monitored areas is provided in section 6 of Appendix 2.)
	Jun 30, 2014 6:50 AM		Jul 7, 2014 6:50 AM		Jul 14, 2014 6:25 AM		Jun 30, 2014 5:50 AM		Jul 7, 2014 5:35 AM		Jul 14, 2014 5:40 AM		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
Cs-134 (Approx. 2 years)	0.17	0.00	0.17	0.00	0.12	0.00	0.20	0.00	0.18	0.00	0.069	0.00	60
Cs-137 (Approx. 30 years)	0.50	0.01	0.43	0.00	0.36	0.00	0.54	0.01	0.52	0.01	0.21	0.00	90

* The density specified by the Reactor Regulation is converted from Bq/cm³ to Bq/L.

* In the case of more than 2 nuclides, the sum of scaling factors to density limits is compared to 1.

* "ND" indicates that the measurement result is below the detection limit, and the detection limit of each nuclide is provided in parentheses.

* Analysis results by detail analysis (Phosphomolybdic acid ammonium adsorption sampling method) are noted.

* Analyzed by: Tokyo Power Technology Ltd.

Nuclides Analysis Result of the Radioactive Materials in the Seawater
< Coast, Fukushima Daini Nuclear Power Station >

(Data summarized on August 13)

Place of Sampling	2F Around the North Discharge Channel (Around Unit 3-4 Discharge Channel) (Approx. 10km from 1F)						Around the Iwasawa Shore (Approx. 7km South of Unit 1 & 2 Discharge Channel) (Approx. 16km from 1F)						② Density Limit Specified by the Reactor Regulation (Bq/L) (The density limit in the water outside the surrounding monitored areas is provided in section 6 of Appendix 2.)
	Jul 1, 2014 2:25 PM		Jul 8, 2014 2:15 PM		Jul 15, 2014 10:10 AM		Jul 1, 2014 4:10 PM		Jul 8, 2014 4:10 PM		Jul 15, 2014 4:10 PM		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
Cs-134 (Approx. 2 years)	0.038	0.00	0.012	0.00	0.026	0.00	0.037	0.00	0.017	0.00	0.023	0.00	60
Cs-137 (Approx. 30 years)	0.11	0.00	0.068	0.00	0.070	0.00	0.12	0.00	0.056	0.00	0.075	0.00	90

* The density specified by the Reactor Regulation is converted from Bq/cm³ to Bq/L.

* In the case of more than 2 nuclides, the sum of scaling factors to density limits is compared to 1.

* Analysis results by detail analysis (Phosphomolybdic acid ammonium adsorption sampling method) are noted.
Analyzed by Tokyo Power Technology Ltd.

Nuclides Analysis Result of the Radioactive Materials in the Seawater
< Coast, Fukushima Daiichi Nuclear Power Station, Within 20km Radius >

(Data summarized on August 13)

Place of Sampling	South side of the Ukedo Port (Approx. 5.5km north of Unit 5-6 Discharge Channel)						② Density Limit Specified by the Reactor Regulation (Bq/L) (The density limit in the water outside the surrounding monitored areas is provided in section 6 of Appendix 2.)
	Jul 1, 2014 8:15 AM		Jul 8, 2014 9:00 AM		Jul 15, 2014 8:36 AM		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
Cs-134 (Approx. 2 years)	0.021	0.00	0.035	0.00	0.033	0.00	60
Cs-137 (Approx. 30 years)	0.067	0.00	0.077	0.00	0.088	0.00	90

* The density specified by the Reactor Regulation is converted from Bq/cm³ to Bq/L.

* In the case of more than 2 nuclides, the sum of scaling factors to density limits is compared to 1.

* Analysis results by detail analysis (Phosphomolybdic acid ammonium adsorption sampling method) are noted.

* Analysis performed by Tokyo Power Technology Ltd.

Nuclides Analysis Result of Radioactive Materials in the Seawater <Offshore 1/6 >

(Data summarized on August 13)

Place of Sampling (Place No.)	*1				*1				*1				② Density Limit Specified by the Reactor Regulation (Bq/L)	
	3km Offshore of Odaka Ward (T-14)		3km Offshore of Odaka Ward (T-14)		3km Offshore of Odaka Ward (T-14)		3km Offshore of Odaka Ward (T-14)		3km Offshore of Odaka Ward (T-14)		3km Offshore of Odaka Ward (T-14)			
	Upper Layer		Lower Layer		Upper Layer		Lower Layer		Upper Layer		Lower Layer			
Time of Sampling	Jun 24, 2014 8:52 AM		Jun 24, 2014 8:52 AM		Jul 2, 2014 8:55 AM		Jul 2, 2014 8:55 AM		Jul 9, 2014 9:12 AM		Jul 9, 2014 9:12 AM		(The density limit in the water outside the surrounding monitored areas is provided in section 6 of Appendix 2.)	
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)		
Cs-134 (Approx. 2 years)	0.0052	0.00	0.0082	0.00	0.0031	0.00	0.0033	0.00	0.0034	0.00	0.0044	0.00		60
Cs-137 (Approx. 30 years)	0.015	0.00	0.024	0.00	0.0076	0.00	0.011	0.00	0.010	0.00	0.013	0.00	90	

Place of Sampling (Place No.)	*2				*2				*2				② Density Limit Specified by the Reactor Regulation (Bq/L)	
	3km Offshore of Ukedo River (T-D1)		3km Offshore of Ukedo River (T-D1)		3km Offshore of Ukedo River (T-D1)		3km Offshore of Ukedo River (T-D1)		3km Offshore of Ukedo River (T-D1)		3km Offshore of Ukedo River (T-D1)			
	Upper Layer		Lower Layer		Upper Layer		Lower Layer		Upper Layer		Lower Layer			
Time of Sampling	Jul 2, 2014 9:19 AM		Jul 2, 2014 9:19 AM		Jul 9, 2014 8:44 AM		Jul 9, 2014 8:44 AM		Jul 16, 2014 9:15 AM		Jul 16, 2014 9:15 AM		(The density limit in the water outside the surrounding monitored areas is provided in section 6 of Appendix 2.)	
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)		
Cs-134 (Approx. 2 years)	0.0022	0.00	0.0042	0.00	0.0074	0.00	0.0092	0.00	0.0058	0.00	0.0053	0.00		60
Cs-137 (Approx. 30 years)	0.0082	0.00	0.013	0.00	0.024	0.00	0.023	0.00	0.017	0.00	0.015	0.00	90	

* The density specified by the Reactor Regulation is converted from Bq/cm³ to Bq/L.

* In the case of more than 2 nuclides, the sum of scaling factors to density limits is compared to 1.

* Analysis results by detail analysis (Phosphomolybdic acid ammonium adsorption sampling method) are noted.

* Analyzed by: *1 THE GENERAL ENVIRONMENTAL TECHNOS Co., LTD., *2 Tokyo Power Technology Ltd.

Nuclides Analysis Result of Radioactive Materials in the Seawater <Offshore 2/6 >

(Data summarized on August 13)

Place of Sampling (Place No.)	3km Offshore of Fukushima Daiichi NPS (T-D5)				3km Offshore of Fukushima Daiichi NPS (T-D5)				3km Offshore of Fukushima Daiichi NPS (T-D5)				② Density Limit Specified by the Reactor Regulation (Bq/L) (The density limit in the water outside the surrounding monitored areas is provided in section 6 of Appendix 2.)
	Upper Layer		Lower Layer		Upper Layer		Lower Layer		Upper Layer		Lower Layer		
Time of Sampling	Jul 2, 2014 10:18 AM		Jul 2, 2014 10:18 AM		Jul 9, 2014 8:12 AM		Jul 9, 2014 8:12 AM		Jul 16, 2014 10:34 AM		Jul 16, 2014 10:34 AM		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
Cs-134 (Approx. 2 years)	0.0061	0.00	0.0040	0.00	0.012	0.00	0.0048	0.00	0.010	0.00	0.0026	0.00	60
Cs-137 (Approx. 30 years)	0.017	0.00	0.011	0.00	0.035	0.00	0.017	0.00	0.024	0.00	0.0096	0.00	90

Place of Sampling (Place No.)	3km Offshore of Fukushima Daini NPS (T-D9)				3km Offshore of Fukushima Daini NPS (T-D9)				3km Offshore of Fukushima Daini NPS (T-D9)				② Density Limit Specified by the Reactor Regulation (Bq/L) (The density limit in the water outside the surrounding monitored areas is provided in section 6 of Appendix 2.)
	Upper Layer		Lower Layer		Upper Layer		Lower Layer		Upper Layer		Lower Layer		
Time of Sampling	Jul 1, 2014 9:26 AM		Jul 1, 2014 9:26 AM		Jul 8, 2014 9:15 AM		Jul 8, 2014 9:15 AM		Jul 15, 2014 9:59 AM		Jul 15, 2014 9:59 AM		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
Cs-134 (Approx. 2 years)	0.0089	0.00	0.0061	0.00	0.0078	0.00	0.0080	0.00	0.0034	0.00	0.0082	0.00	60
Cs-137 (Approx. 30 years)	0.026	0.00	0.017	0.00	0.018	0.00	0.021	0.00	0.0088	0.00	0.015	0.00	90

* The density specified by the Reactor Regulation is converted from Bq/cm³ to Bq/L.

* In the case of more than 2 nuclides, the sum of scaling factors to density limits is compared to 1.

* Analysis results by detail analysis (Phosphomolybdic acid ammonium adsorption sampling method) are noted.

* Analyzed by: Tokyo Power Technology Ltd.

Nuclides Analysis Result of Radioactive Materials in the Seawater <Offshore 3/6>

(Data summarized on August 13)

Place of Sampling (Place No.)	15km Offshore of Fukushima Daiichi NPS (T-5)				15km Offshore of Fukushima Daiichi NPS (T-5)				15km Offshore of Fukushima Daiichi NPS (T-5)				② Density Limit Specified by the Reactor Regulation (Bq/L) (The density limit in the water outside the surrounding monitored areas is provided in section 6 of Appendix 2.)
	Upper Layer		Lower Layer		Upper Layer		Lower Layer		Upper Layer		Lower Layer		
Time of Sampling	Jun 24, 2014 8:30 AM		Jun 24, 2014 8:30 AM		Jul 1, 2014 8:30 AM		Jul 1, 2014 8:30 AM		Jul 8, 2014 8:20 AM		Jul 8, 2014 8:20 AM		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
Cs-134 (Approx. 2 years)	0.0025	0.00	ND	-	0.0015	0.00	0.0023	0.00	0.0032	0.00	ND	-	60
Cs-137 (Approx. 30 years)	0.0081	0.00	0.0043	0.00	0.0063	0.00	0.0097	0.00	0.0082	0.00	0.0043	0.00	90

Place of Sampling (Place No.)	3km Offshore of Iwasawa Shore (T-11)				3km Offshore of Iwasawa Shore (T-11)				3km Offshore of Iwasawa Shore (T-11)				② Density Limit Specified by the Reactor Regulation (Bq/L) (The density limit in the water outside the surrounding monitored areas is provided in section 6 of Appendix 2.)
	Upper Layer		Lower Layer		Upper Layer		Lower Layer		Upper Layer		Lower Layer		
Time of Sampling	Jun 24, 2014 10:02 AM		Jun 24, 2014 10:02 AM		Jul 1, 2014 10:02 AM		Jul 1, 2014 10:02 AM		Jul 8, 2014 9:52 AM		Jul 8, 2014 9:52 AM		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
Cs-134 (Approx. 2 years)	0.0076	0.00	0.0081	0.00	0.010	0.00	0.011	0.00	0.0042	0.00	0.0025	0.00	60
Cs-137 (Approx. 30 years)	0.027	0.00	0.022	0.00	0.028	0.00	0.032	0.00	0.014	0.00	0.012	0.00	90

* The density specified by the Reactor Regulation is converted from Bq/cm³ to Bq/L.

* In the case of more than 2 nuclides, the sum of scaling factors to density limits is compared to 1.

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

Cs-134: Approx.0.0012Bq/L As the detection limit may vary depending on the detectors and sample properties, there are cases where nuclides below the detection limit are detected

* Analysis results by detail analysis (Phosphomolybdic acid ammonium adsorption sampling method) are noted.

* Analyzed by: THE GENERAL ENVIRONMENTAL TECHNOS Co., LTD.

Nuclides Analysis Result of Radioactive Materials in the Seawater <Offshore 4/6 >

(Data summarized on August 13)

Place of Sampling (Place No.)	3km Offshore of Northern Iwaki City (T-12)				3km Offshore of Northern Iwaki City (T-12)				1km Offshore of Natsui River (T-17-1)				② Density Limit Specified by the Reactor Regulation (Bq/L) (The density limit in the water outside the surrounding monitored areas is provided in section 6 of Appendix 2.)
	Upper Layer		Lower Layer		Upper Layer		Lower Layer		Upper Layer		Lower Layer		
Time of Sampling	Jun 26, 2014 6:50 AM		Jun 26, 2014 6:50 AM		Jul 5, 2014 7:29 AM		Jul 5, 2014 7:29 AM		Jun 26, 2014 7:15 AM		Jun 26, 2014 7:15 AM		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
Cs-134 (Approx. 2 years)	0.012	0.00	0.0077	0.00	0.0097	0.00	0.0022	0.00	0.013	0.00	0.0063	0.00	60
Cs-137 (Approx. 30 years)	0.029	0.00	0.025	0.00	0.029	0.00	0.0085	0.00	0.039	0.00	0.020	0.00	90

Place of Sampling (Place No.)	1km Offshore of Natsui River (T-17-1)				3km Offshore of Toyoma (T-20)				3km Offshore of Toyoma (T-20)				② Density Limit Specified by the Reactor Regulation (Bq/L) (The density limit in the water outside the surrounding monitored areas is provided in section 6 of Appendix 2.)
	Upper Layer		Lower Layer		Upper Layer		Lower Layer		Upper Layer		Lower Layer		
Time of Sampling	Jul 5, 2014 7:01 AM		Jul 5, 2014 7:01 AM		Jun 26, 2014 7:40 AM		Jun 26, 2014 7:40 AM		Jul 5, 2014 6:31 AM		Jul 5, 2014 6:31 AM		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
Cs-134 (Approx. 2 years)	0.0082	0.00	0.0093	0.00	0.0048	0.00	0.0057	0.00	0.0023	0.00	0.0039	0.00	60
Cs-137 (Approx. 30 years)	0.023	0.00	0.024	0.00	0.017	0.00	0.017	0.00	0.010	0.00	0.012	0.00	90

* The density specified by the Reactor Regulation is converted from Bq/cm³ to Bq/L.

* In the case of more than 2 nuclides, the sum of scaling factors to density limits is compared to 1.

* Analysis results by detail analysis (Phosphomolybdic acid ammonium adsorption sampling method) are noted.

* Analyzed by: THE GENERAL ENVIRONMENTAL TECHNOS Co., LTD.

Nuclides Analysis Result of Radioactive Materials in the Seawater <Offshore 5/6 >

(Data summarized on August 13)

Place of Sampling (Place No.)	Around 1km Offshore of Ota River (T-S1)				Around 3km Offshore of Odaka Ward (T-S2)				Around 2km Offshore of Kido River(T-S5)				② Density Limit Specified by the Reactor Regulation (Bq/L) (The density limit in the water outside the surrounding monitored areas is provided in section 6 of Appendix 2.)
	Upper Layer		Lower Layer		Upper Layer		Lower Layer		Upper Layer		Lower Layer		
Time of Sampling	Jun 27, 2014 6:11 AM		Jun 27, 2014 6:11 AM		Jun 27, 2014 5:40 AM		Jun 27, 2014 5:40 AM		Jul 6, 2014 6:24 AM		Jul 6, 2014 6:24 AM		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
Cs-134 (Approx. 2 years)	0.0058	0.00	0.0037	0.00	0.0026	0.00	0.0061	0.00	0.0054	0.00	0.012	0.00	60
Cs-137 (Approx. 30 years)	0.018	0.00	0.0099	0.00	0.0093	0.00	0.021	0.00	0.021	0.00	0.032	0.00	90

Place of Sampling (Place No.)	Around 2km Offshore of Fukushima Daini NPS (T-S7)				Arounmd 15km Offshore of Odaka Ward (T-B1)				Around 18km Offshore of Ukedo River (T-B2)				② Density Limit Specified by the Reactor Regulation (Bq/L) (The density limit in the water outside the surrounding monitored areas is provided in section 6 of Appendix 2.)
	Upper Layer		Lower Layer		Upper Layer		Lower Layer		Upper Layer		Lower Layer		
Time of Sampling	Jul 6, 2014 6:03 AM		Jul 6, 2014 6:03 AM		Jun 25, 2014 10:53 AM		Jun 25, 2014 10:53 AM		Jun 25, 2014 10:22 AM		Jun 25, 2014 10:22 AM		
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
Cs-134 (Approx. 2 years)	0.0068	0.00	0.0080	0.00	0.0031	0.00	0.0030	0.00	0.0049	0.00	0.0093	0.00	60
Cs-137 (Approx. 30 years)	0.020	0.00	0.027	0.00	0.011	0.00	0.010	0.00	0.015	0.00	0.029	0.00	90

* The density specified by the Reactor Regulation is converted from Bq/cm³ to Bq/L.

* In the case of more than 2 nuclides, the sum of scaling factors to density limits is compared to 1.

* Analysis results by detail analysis (Phosphomolybdic acid ammonium adsorption sampling method) are noted.

* Analyzed by: THE GENERAL ENVIRONMENTAL TECHNOS Co., LTD.

Nuclides Analysis Result of Radioactive Materials in the Seawater <Offshore 6/6 >

(Data summarized on August 13)

Place of Sampling (Place No.)	Around 10km Offshore of 1F (T-B3)				Around 10km Offshore of 2F (T-B4)				/				② Density Limit Specified by the Reactor Regulation (Bq/L) (The density limit in the water outside the surrounding monitored areas is provided in section 6 of Appendix 2.)
	Upper Layer		Lower Layer		Upper Layer		Lower Layer		Upper Layer		Lower Layer		
Time of Sampling	Jul 14, 2014 5:42 AM		Jul 14, 2014 5:42 AM		Jul 14, 2014 6:23 AM		Jul 14, 2014 6:23 AM		/				
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
Cs-134 (Approx. 2 years)	0.0038	0.00	0.0021	0.00	0.0029	0.00	0.0013	0.00	/	/	/	/	60
Cs-137 (Approx. 30 years)	0.011	0.00	0.0061	0.00	0.010	0.00	0.0049	0.00	/	/	/	/	90

Place of Sampling (Place No.)	/				/				/				② Density Limit Specified by the Reactor Regulation (Bq/L) (The density limit in the water outside the surrounding monitored areas is provided in section 6 of Appendix 2.)
	Upper Layer		Lower Layer		Upper Layer		Lower Layer		Upper Layer		Lower Layer		
Time of Sampling	/				/				/				
Detected Nuclides (Half-life)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	①Density of Sample (Bq/L)	Scaling Factor (①/②)	
Cs-134 (Approx. 2 years)	/	/	/	/	/	/	/	/	/	/	/	/	60
Cs-137 (Approx. 30 years)	/	/	/	/	/	/	/	/	/	/	/	/	90

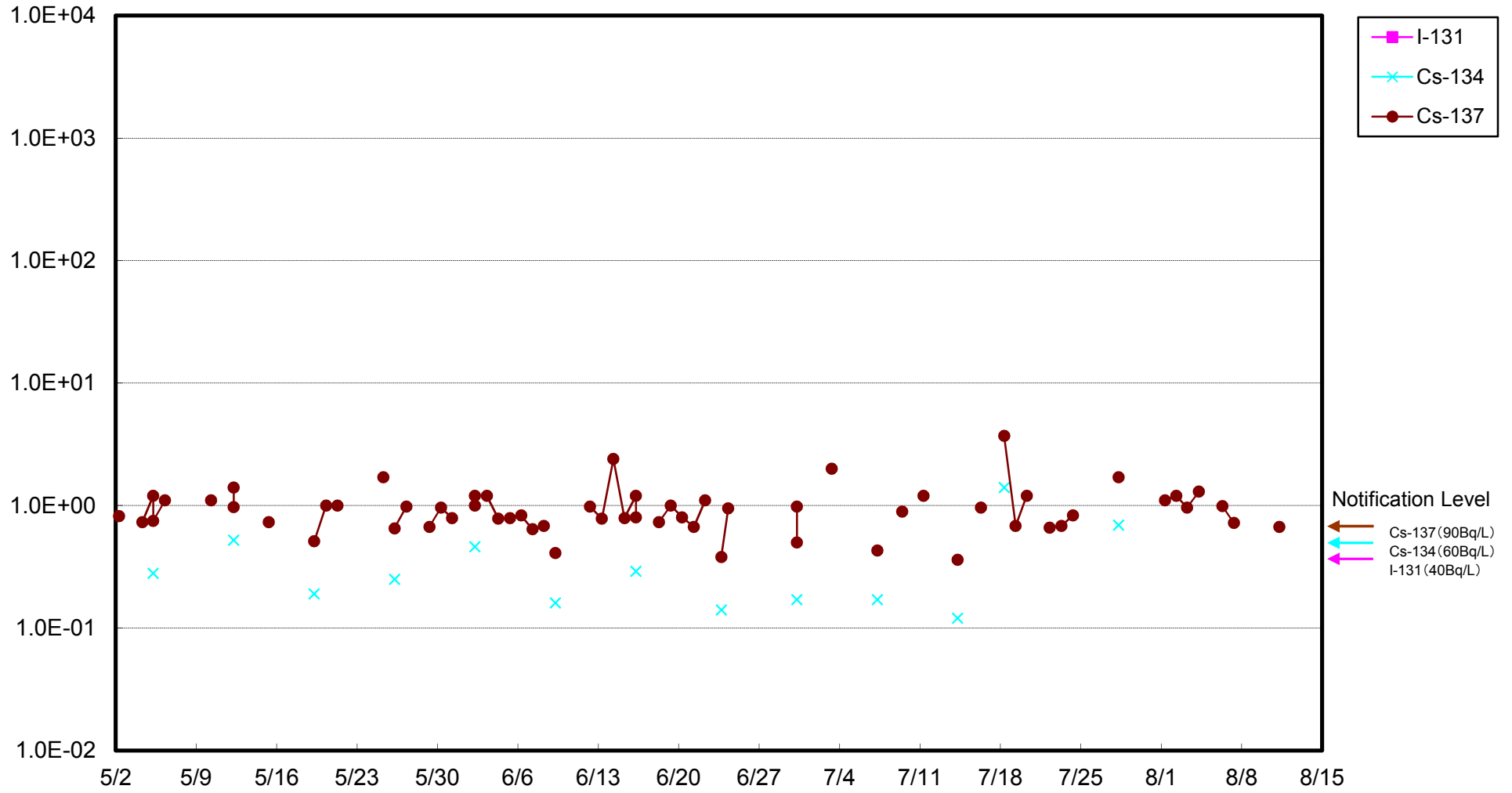
* The density specified by the Reactor Regulation is converted from Bq/cm³ to Bq/L.

* In the case of more than 2 nuclides, the sum of scaling factors to density limits is compared to 1.

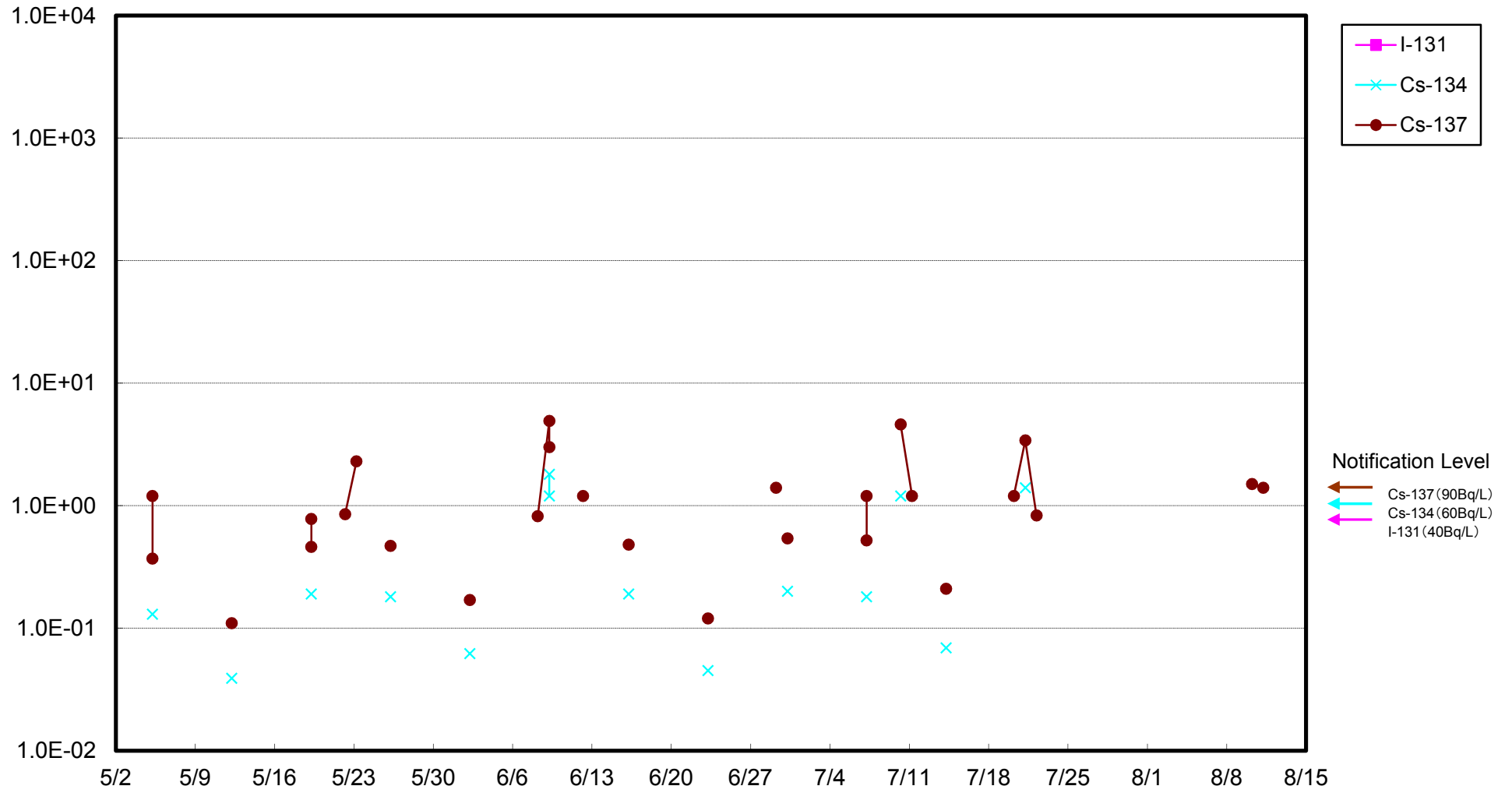
* Analysis results by detail analysis (Phosphomolybdic acid ammonium adsorption sampling method) are noted.

* Analyzed by: THE GENERAL ENVIRONMENTAL TECHNOS Co., LTD.

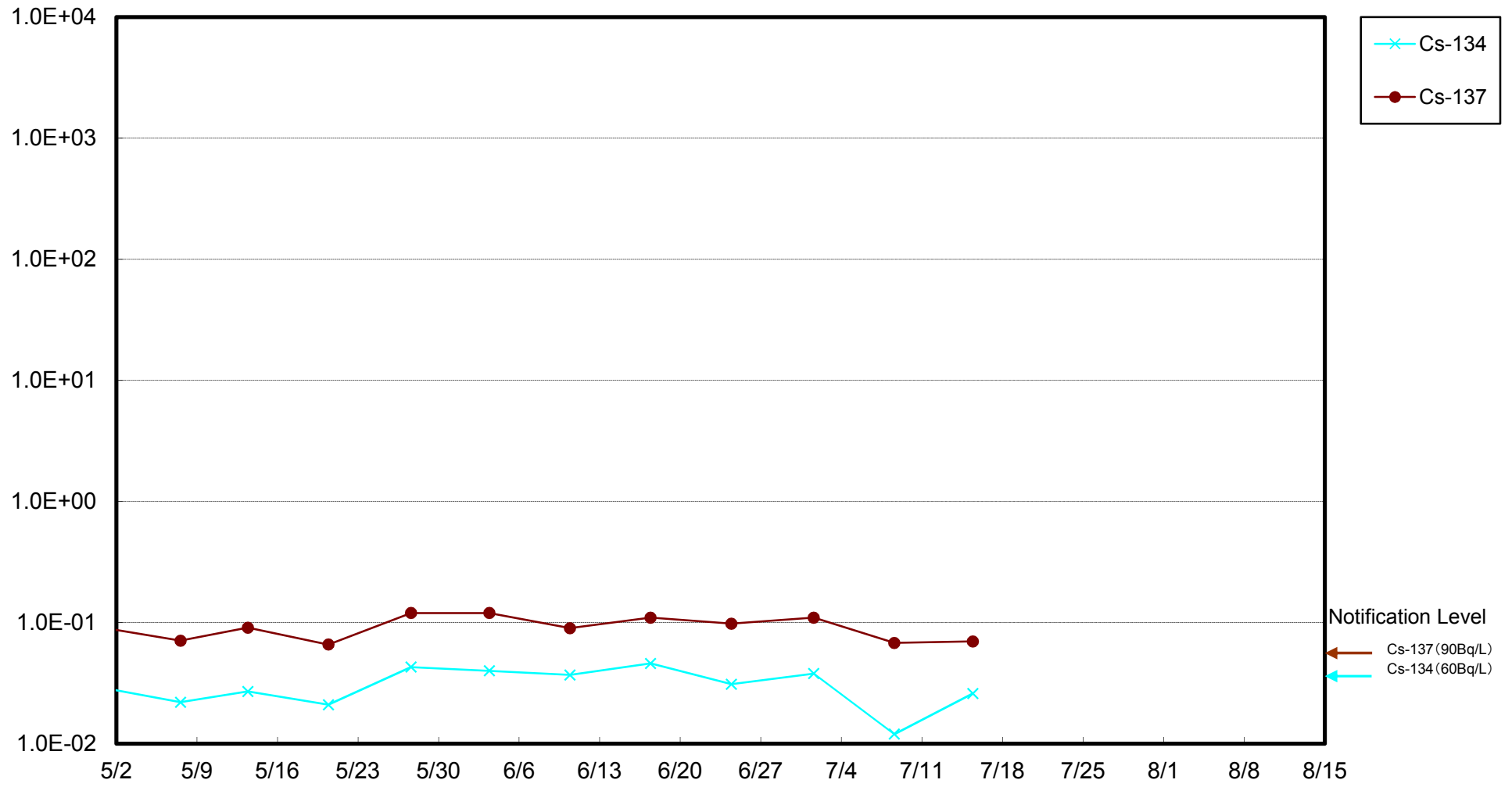
Radioactivity Density of the Seawater at 1F Units 5-6 North Discharge Channel (Bq/L)



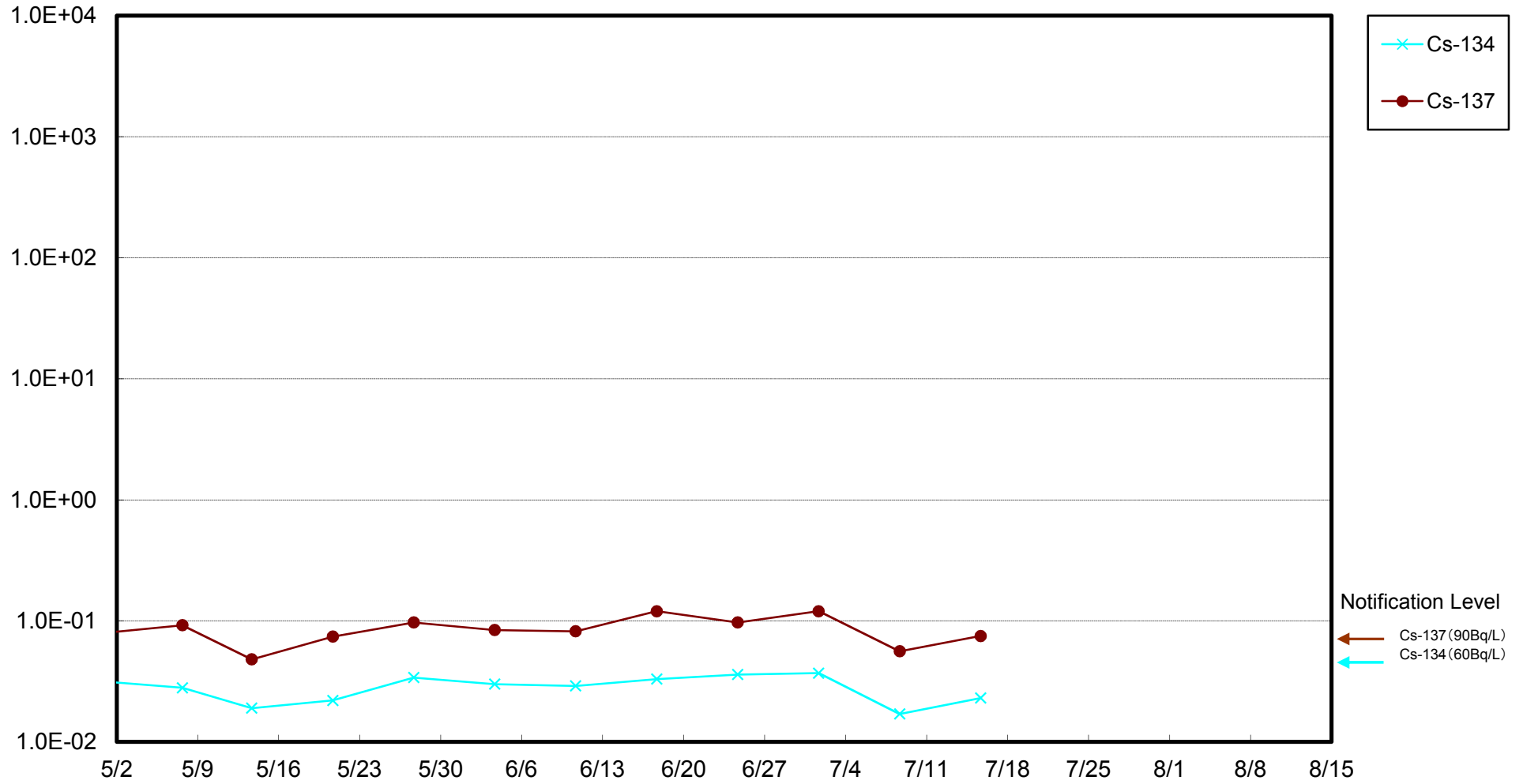
Radioactivity Density of the Seawater at 1F South Discharge Channel (Bq/L)



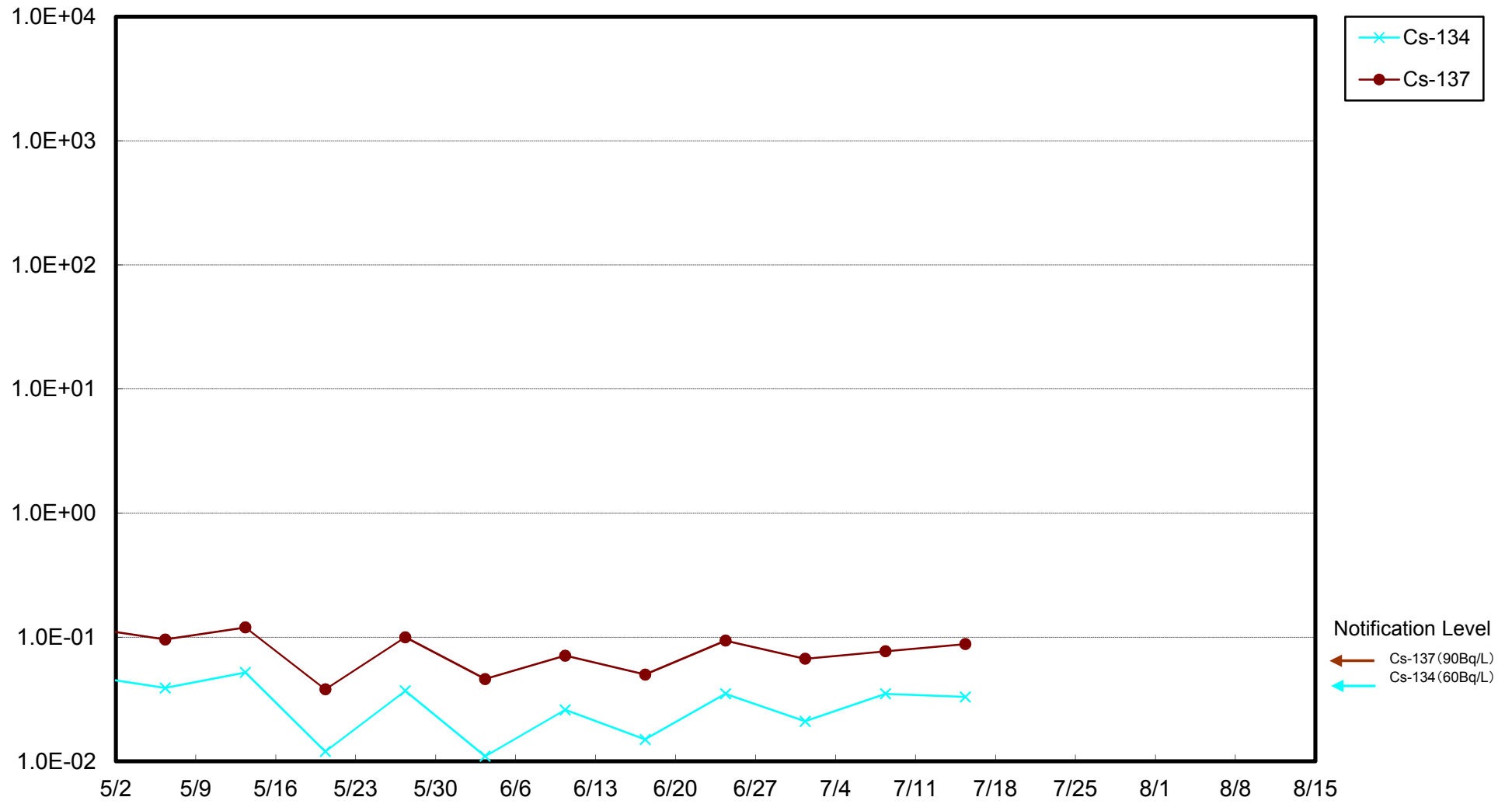
Radioactivity Density of the Seawater at 2F North Discharge Channel (Bq/L)



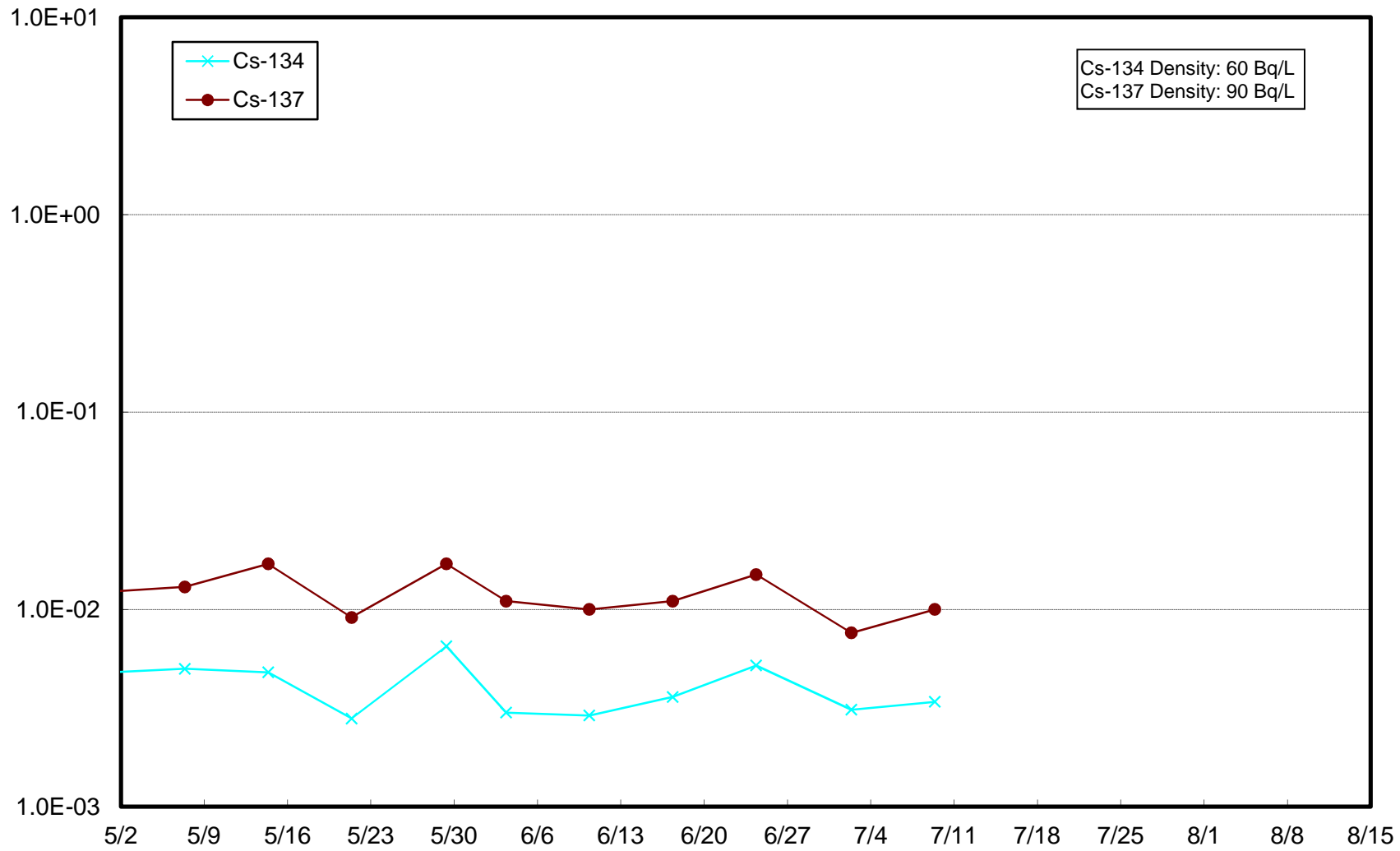
Radioactivity Density of the Seawater Around the Iwasawa Shore of 2F (Bq/L)



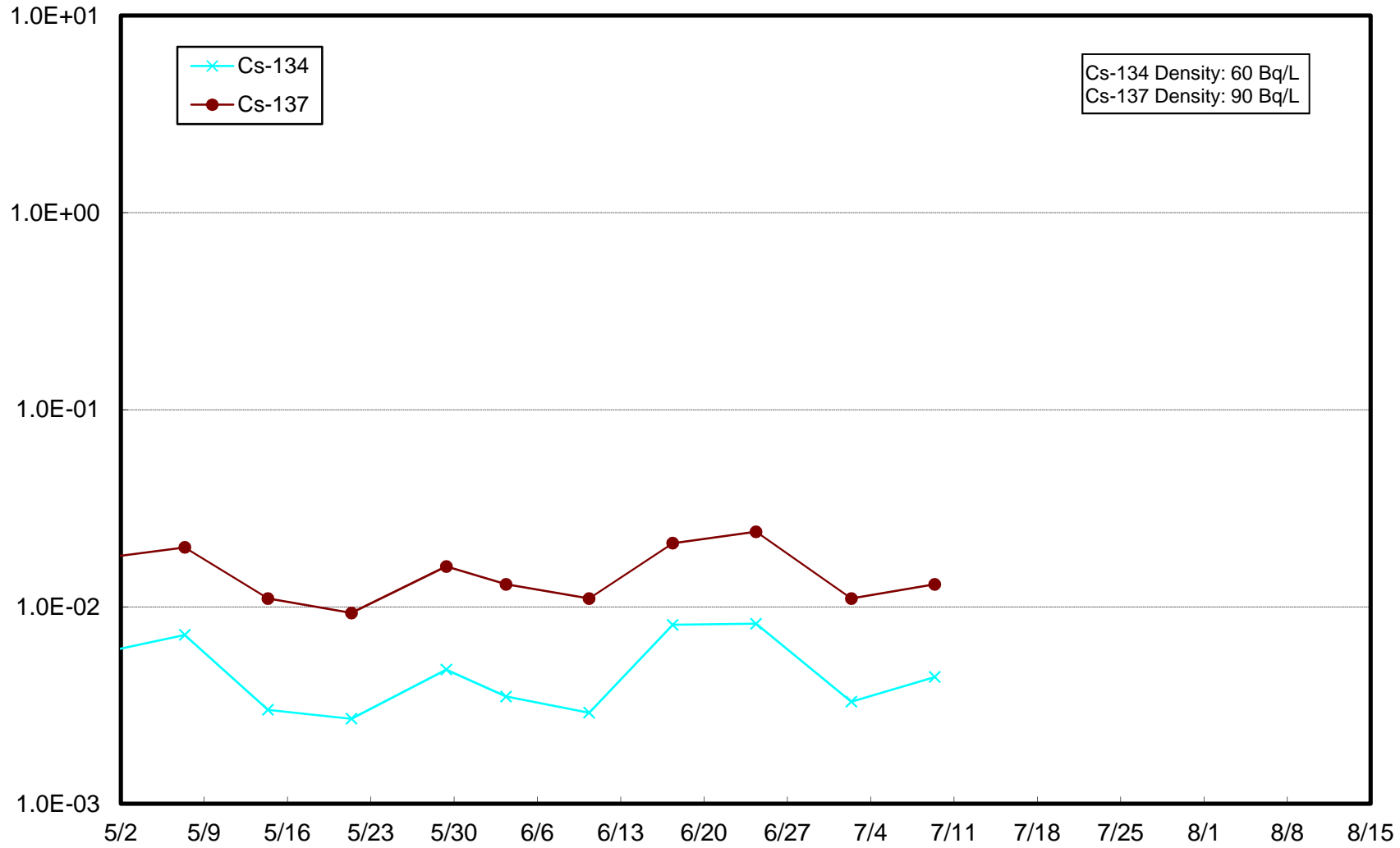
Radioactivity Density of the South Side of the Ukedo Port (Bq/L)



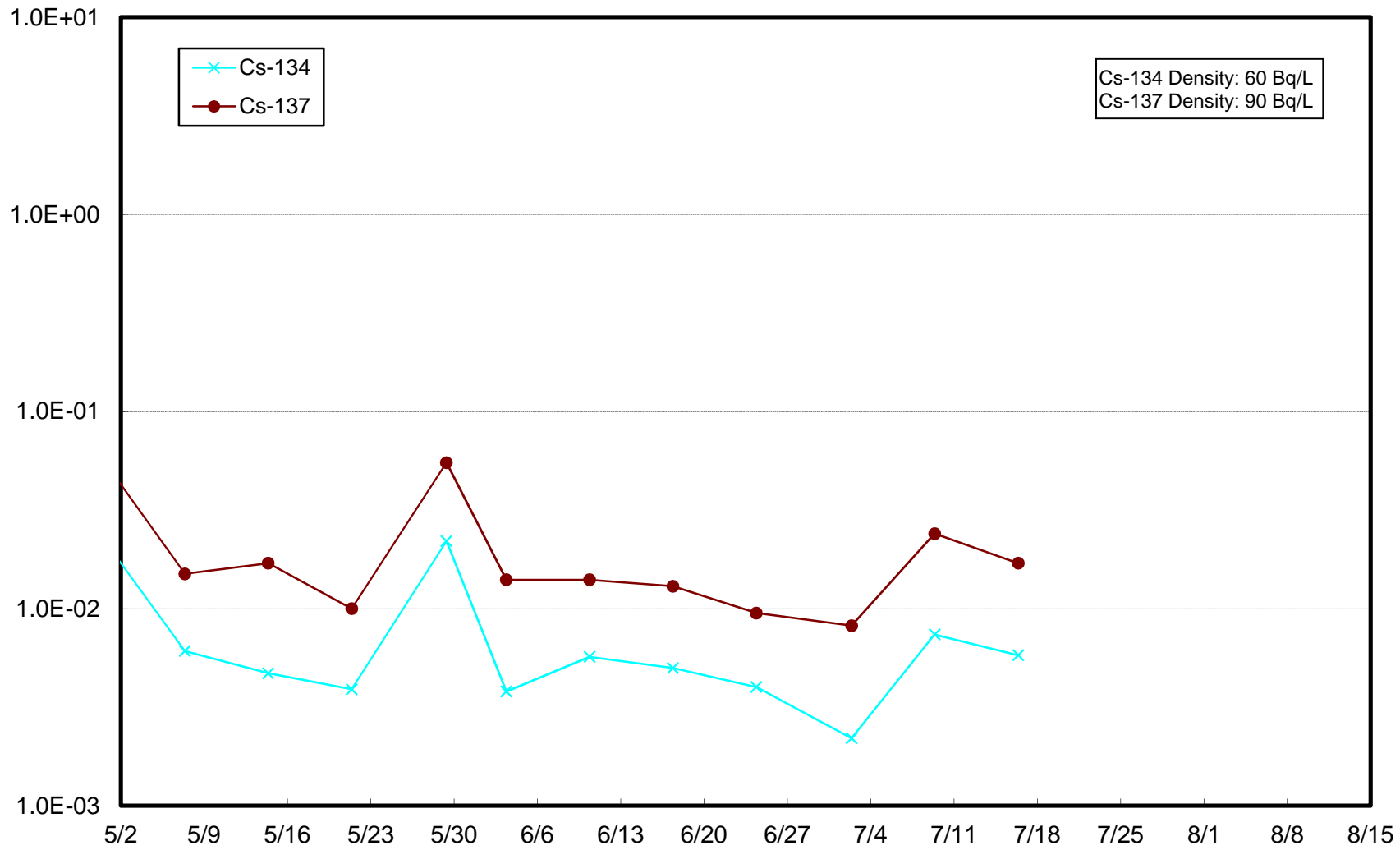
Radioactivity Density of the Seawater at 3km Offshore of Odaka Ward (T-14) Upper Layer (Bq/L)



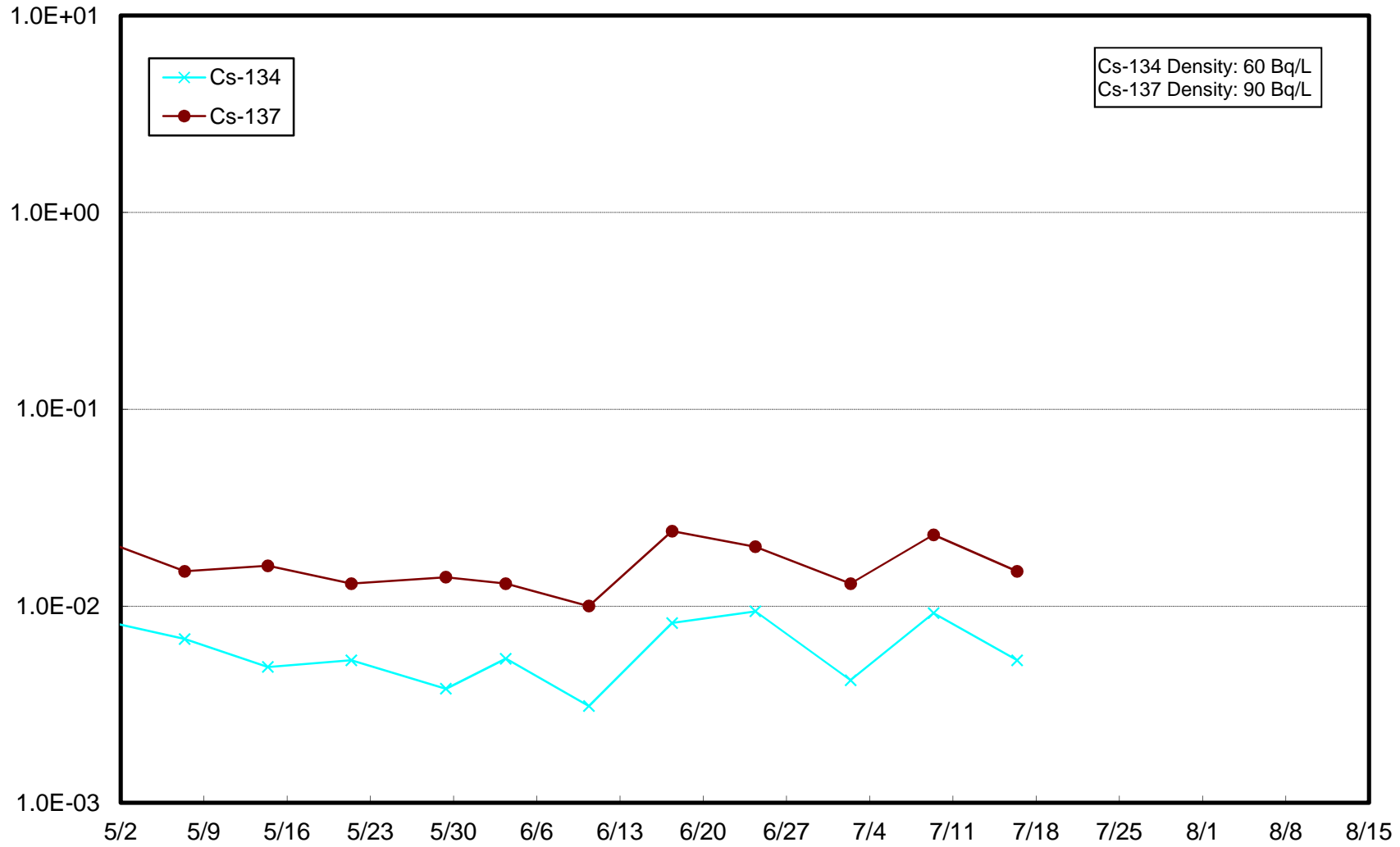
Radioactivity Density of the Seawater at 3km Offshore of Odaka Ward (T-14) Lower Layer (Bq/L)



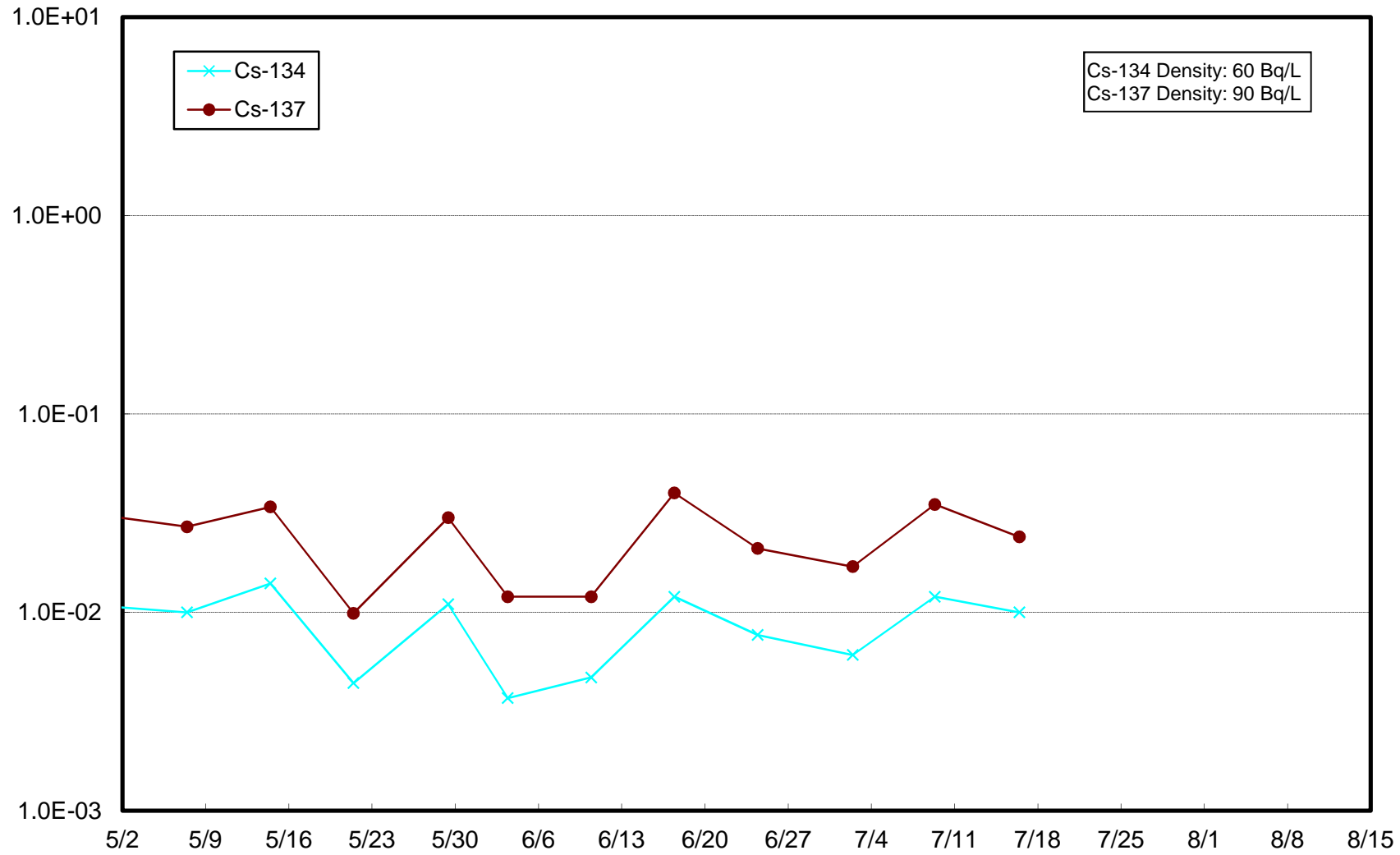
Radioactivity Density of the Seawater at 3km Offshore of Ukedo River (T-D1) Upper Layer (Bq/L)



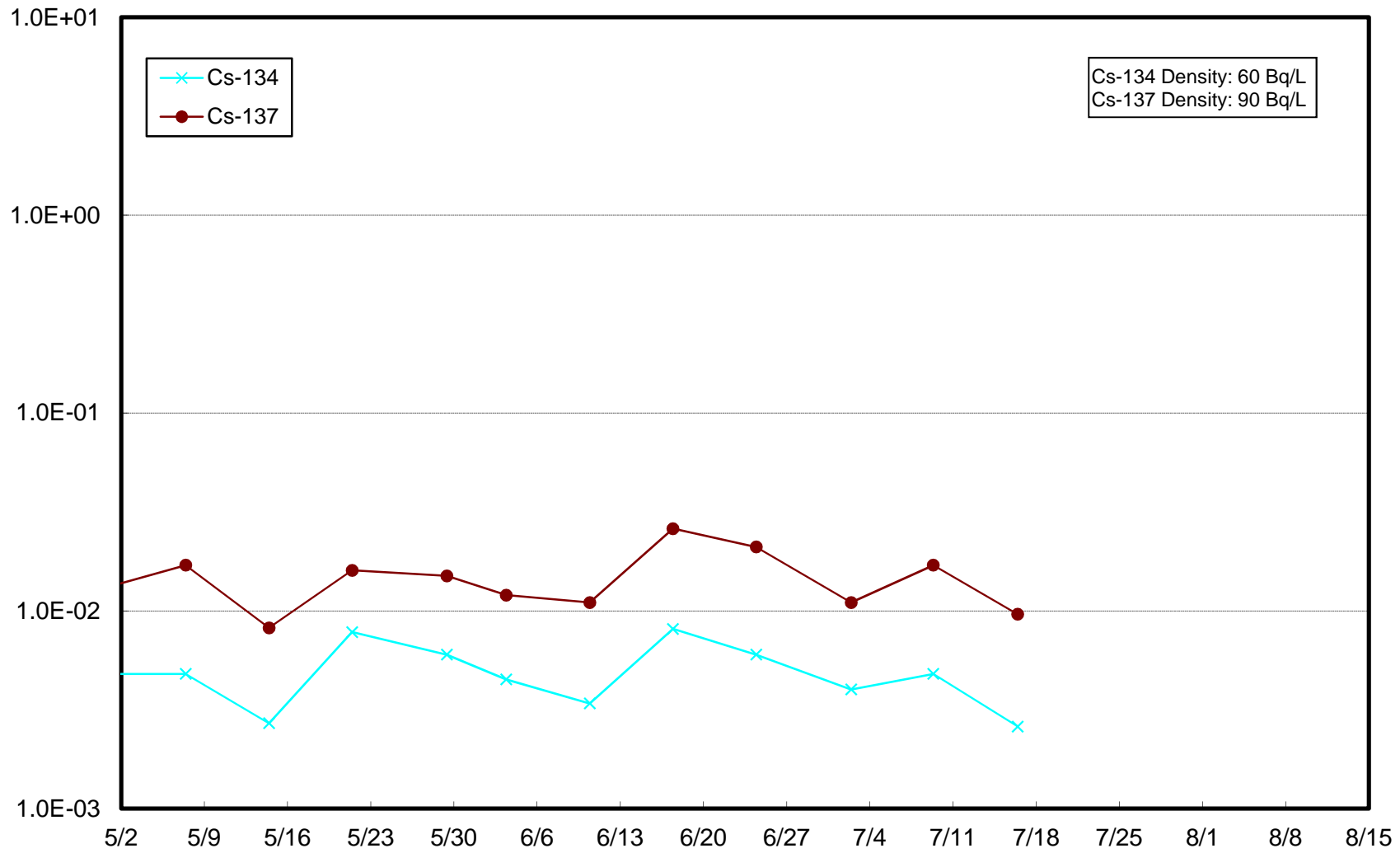
Radioactivity Density of the Seawater at 3km Offshore of Ukedo River (T-D1) Lower Layer (Bq/L)



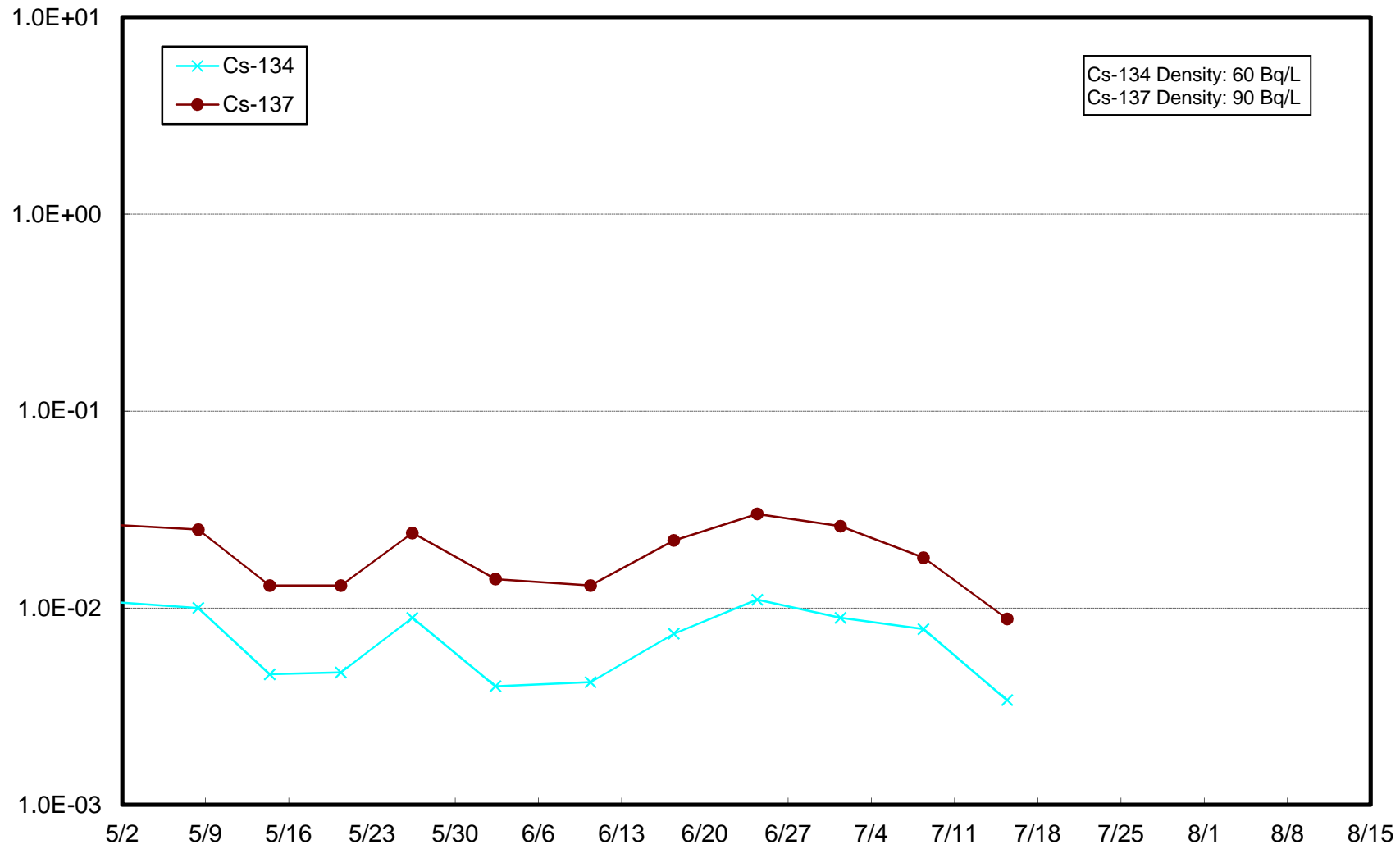
Radioactivity Density of the Seawater at 3km Offshore of Fukushima Daiichi NPS (T-D5) Upper Layer (Bq/L)



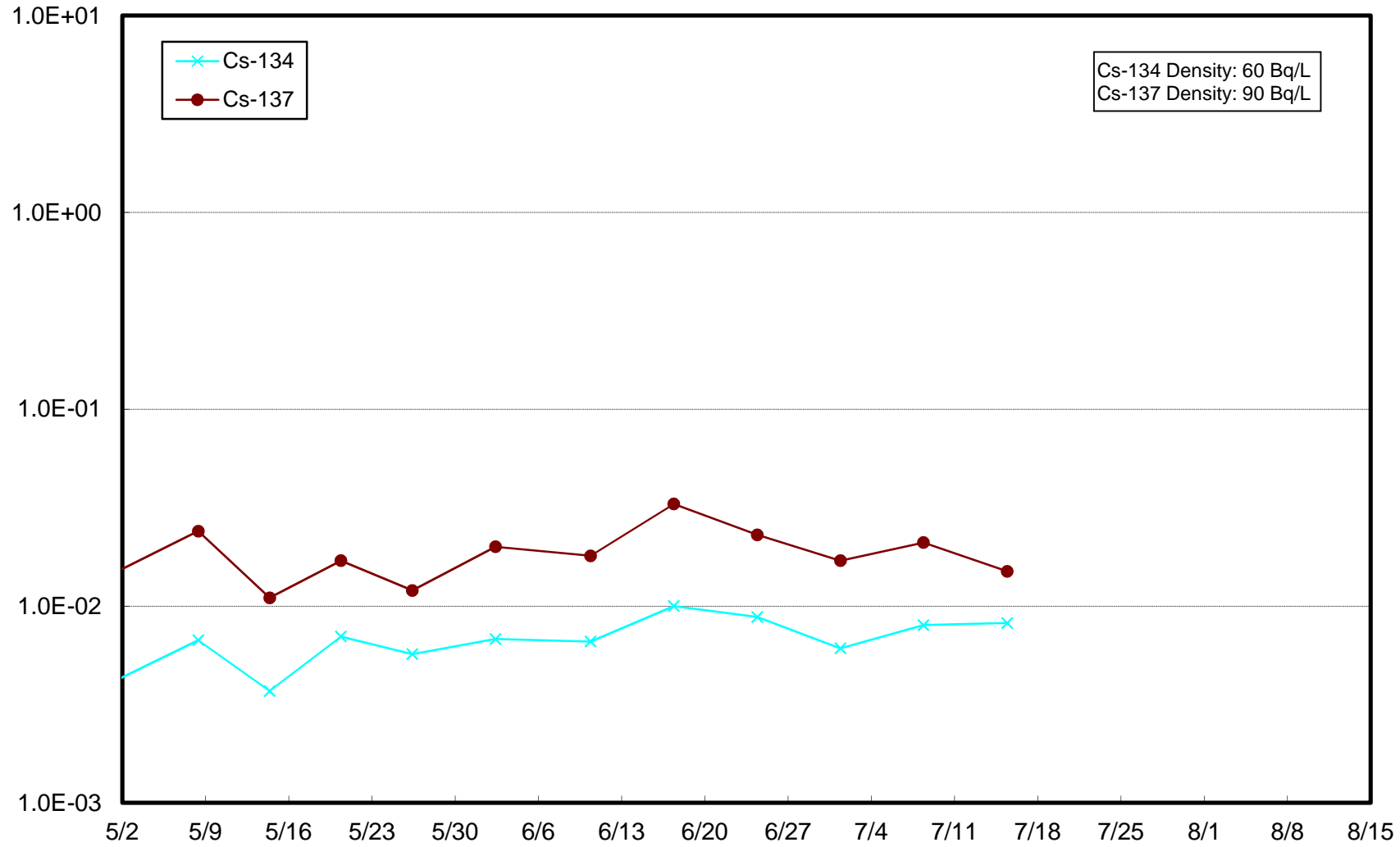
Radioactivity Density of the Seawater at 3km Offshore of Fukushima Daiichi NPS (T-D5) Lower Layer (Bq/L)



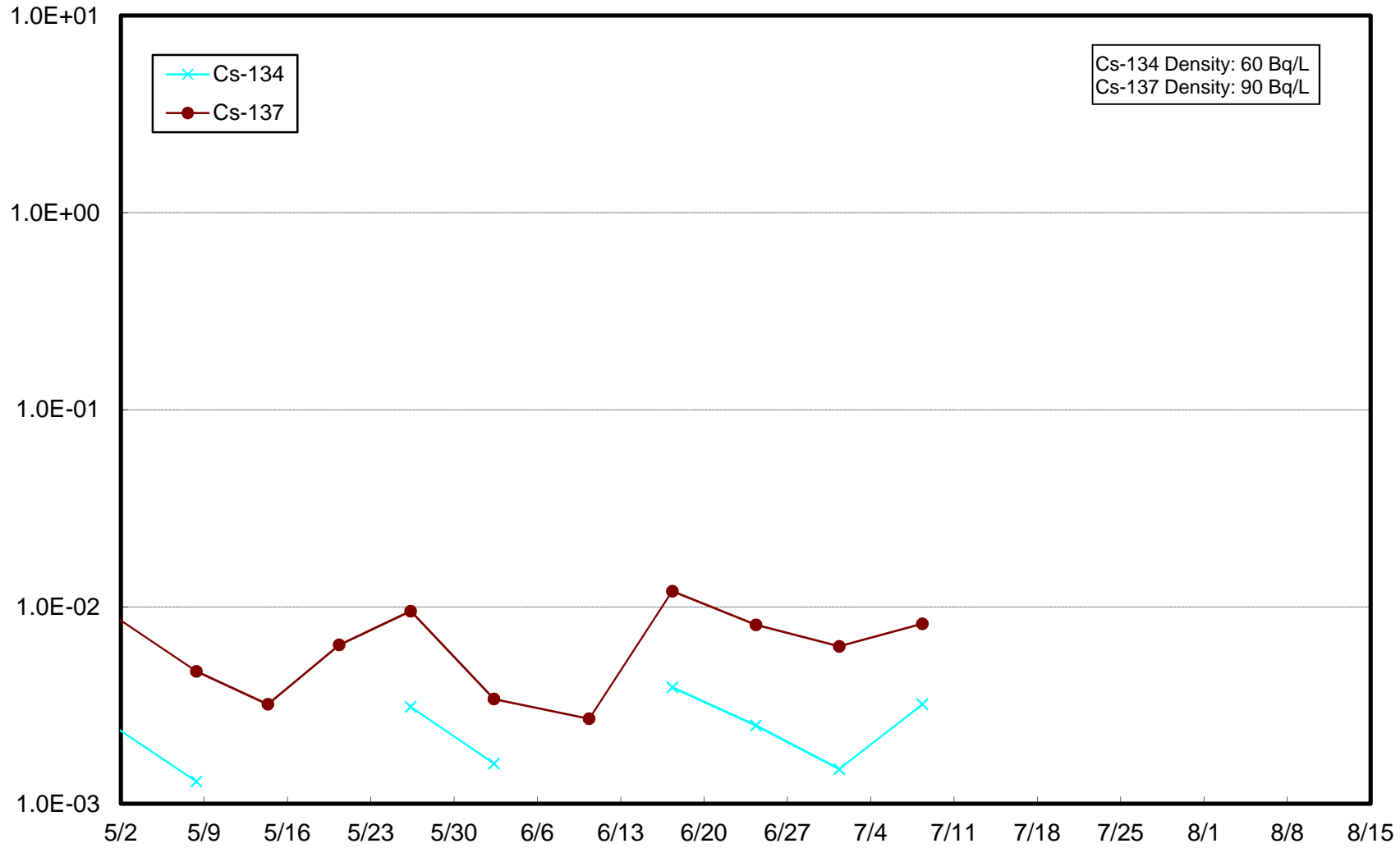
Radioactivity Density of the Seawater at 3km Offshore of Fukushima Daini NPS (T-D9) Upper Layer (Bq/L)



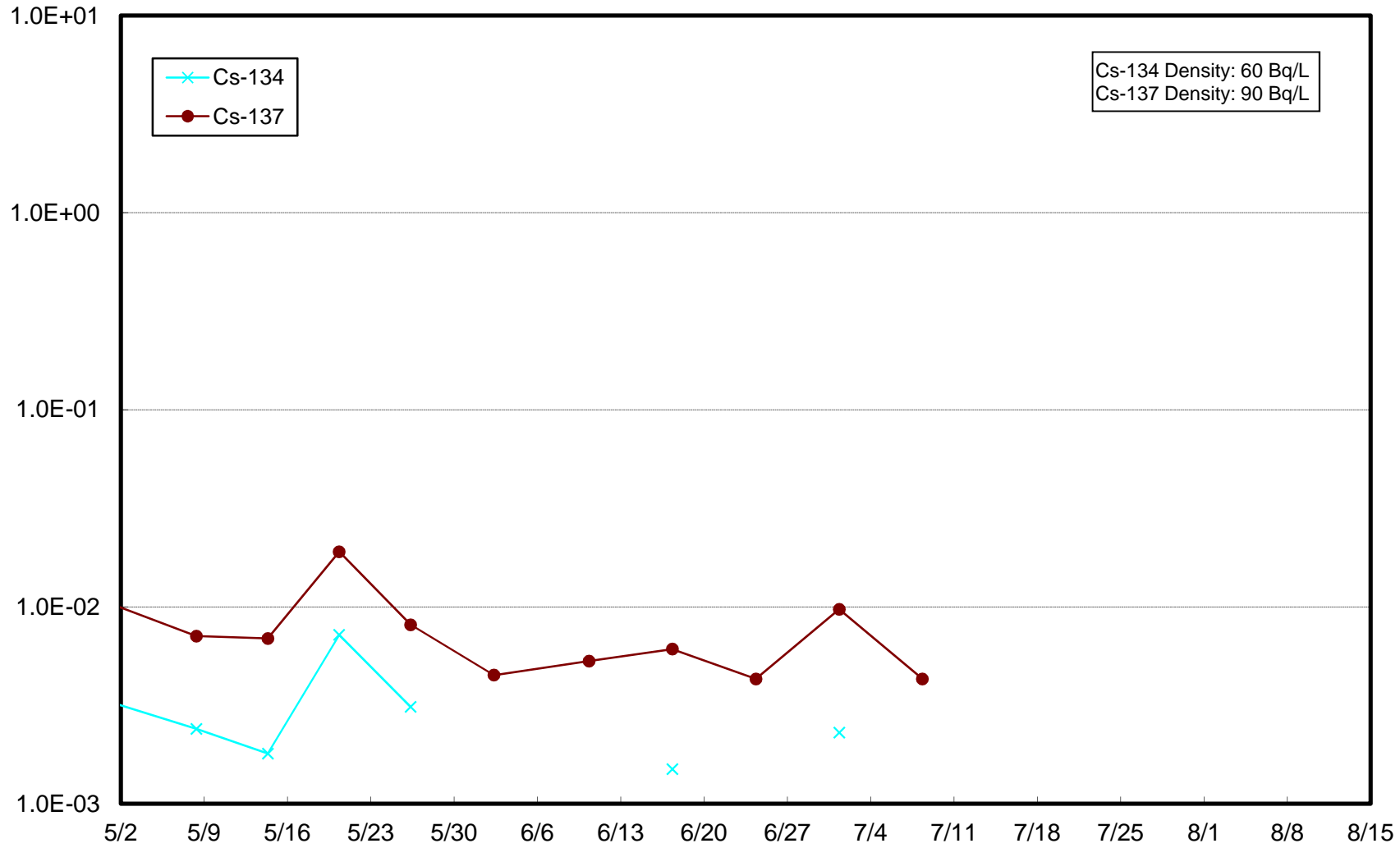
Radioactivity Density of the Seawater at 3km Offshore of Fukushima Daini NPS (T-D9) Lower Layer (Bq/L)



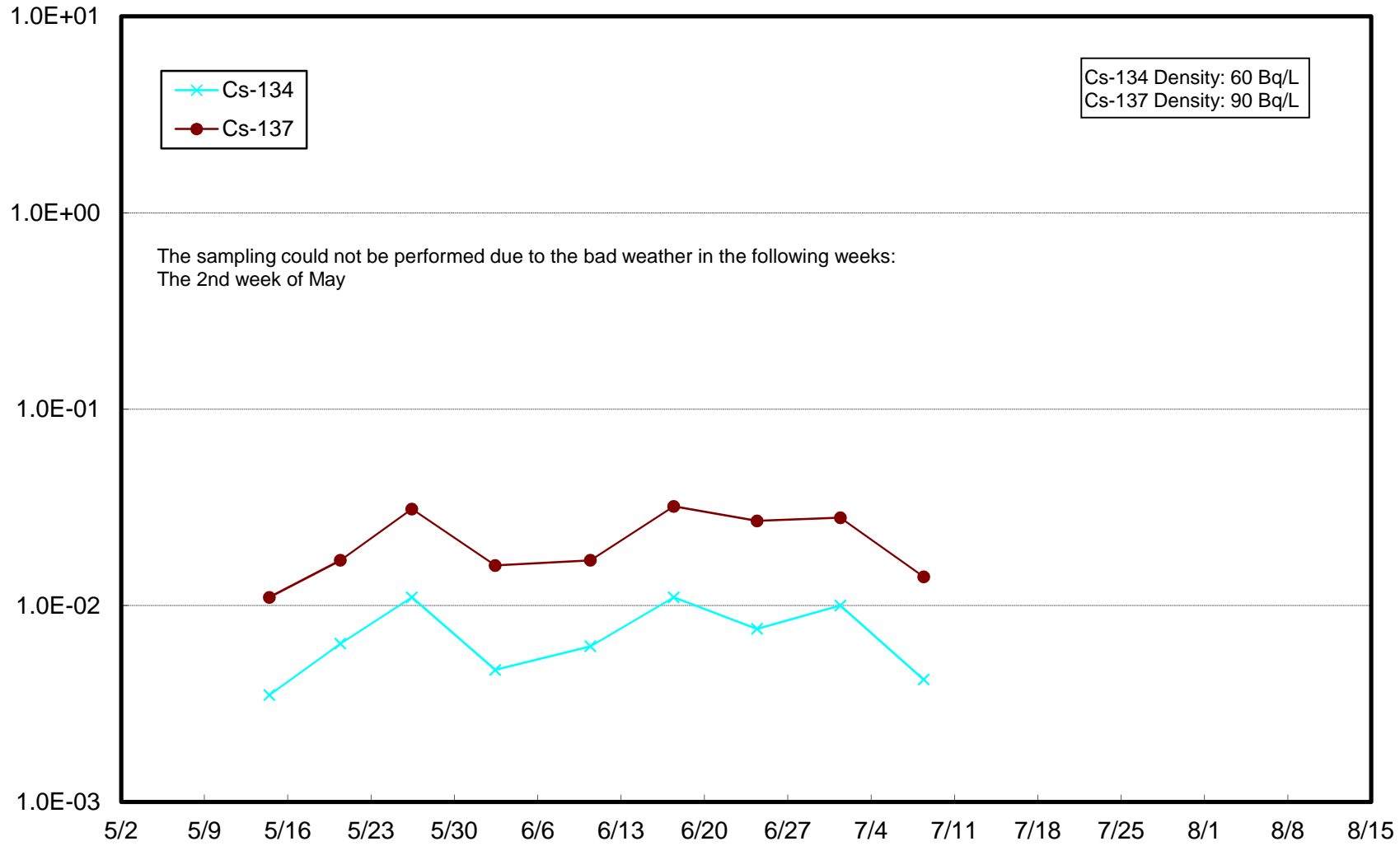
Radioactivity Density of the Seawater at 15km Offshore of Fukushima Daiichi NPS (T-5) Upper Layer (Bq/L)



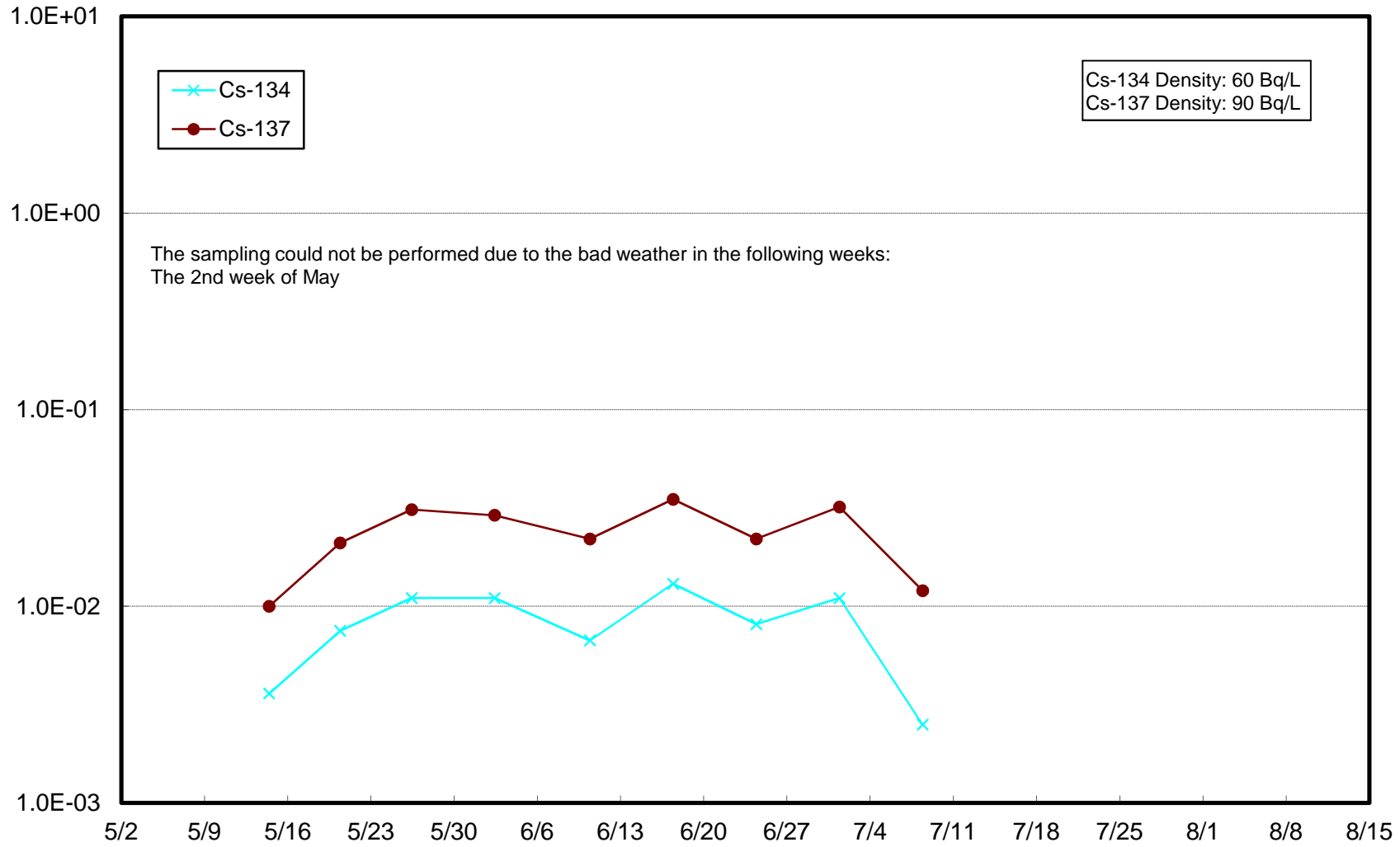
Radioactivity Density of the Seawater at 15km Offshore of Fukushima Daiichi NPS (T-5) Lower Layer (Bq/L)



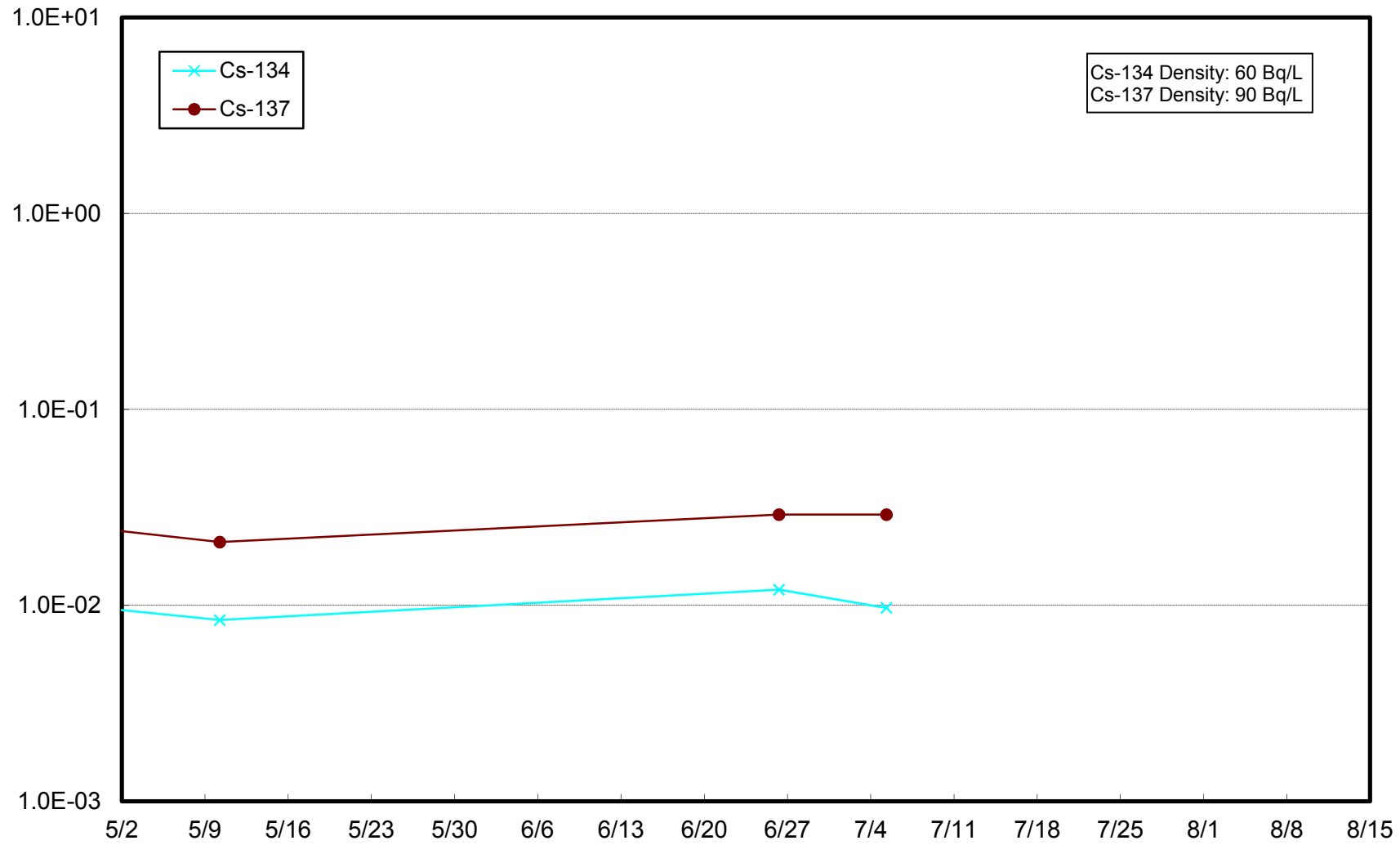
Radioactivity Density of the Seawater at 3km Offshore of Iwasawa Shore (T-11) Upper Layer (Bq/L)



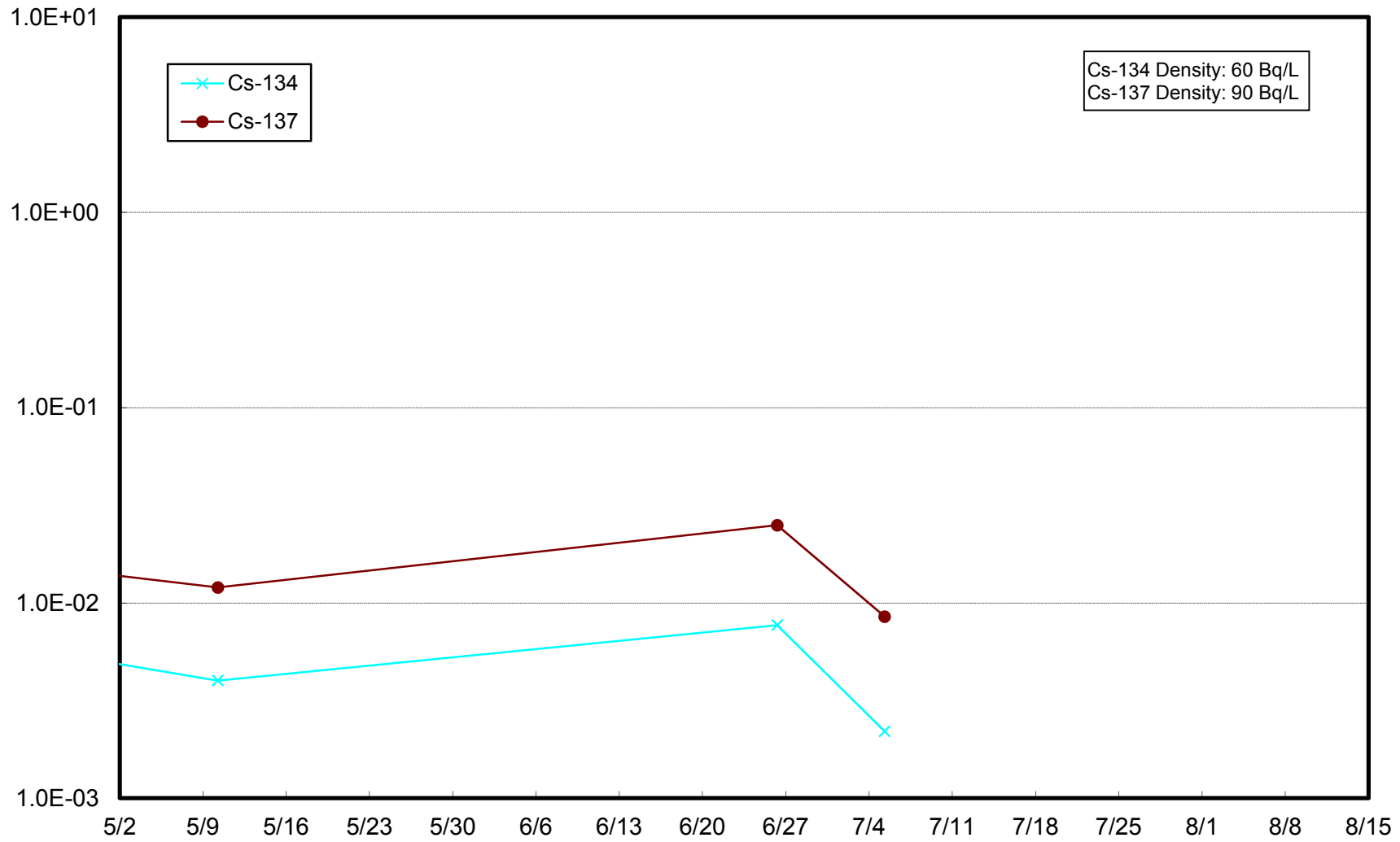
Radioactivity Density of the Seawater at 3km Offshore of Iwasawa Shore (T-11) Lower Layer (Bq/L)



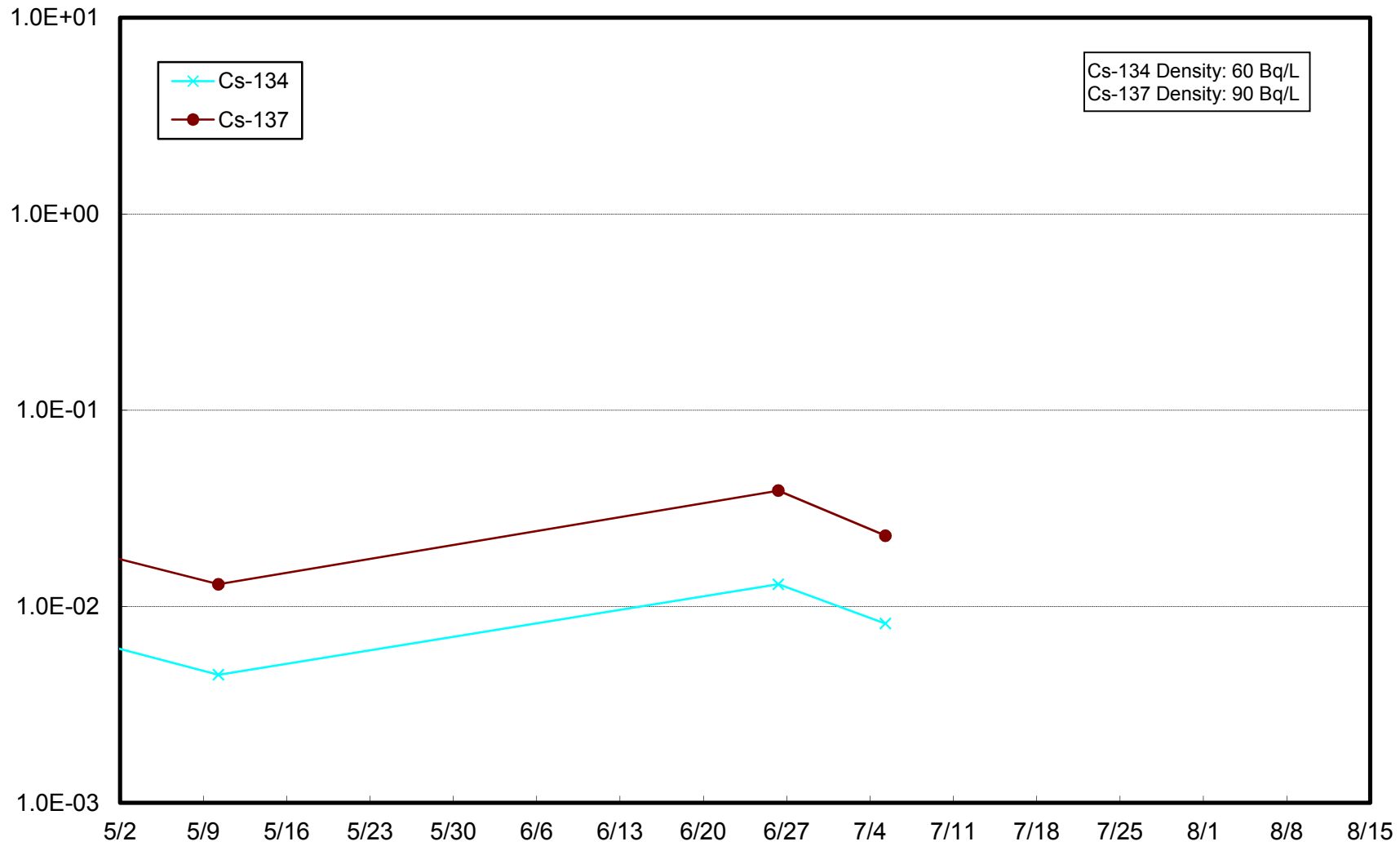
Radioactivity Density of the Seawater at 3km Offshore of North of Iwaki City(T-12) Upper Layer (Bq/L)



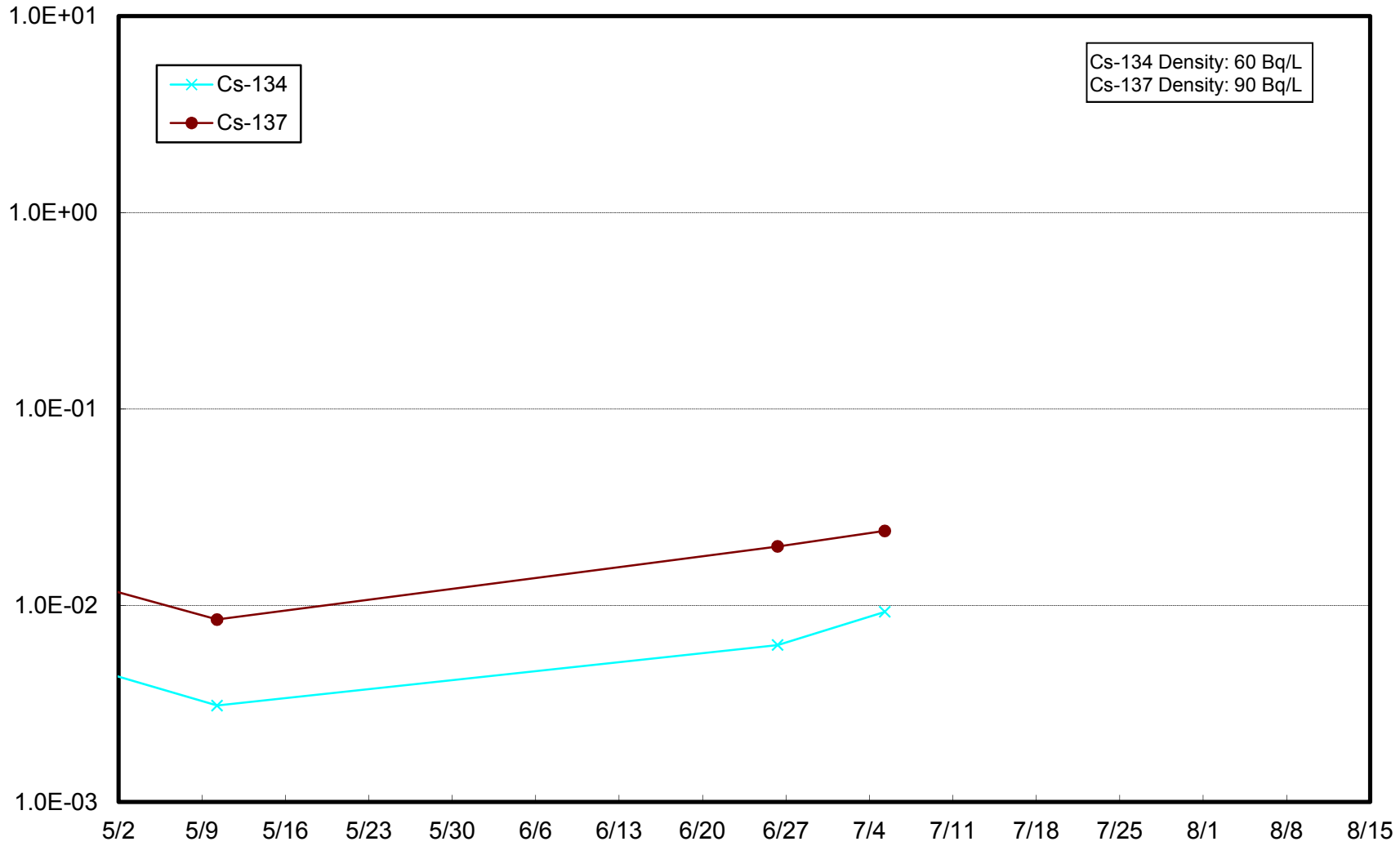
Radioactivity Density of the Seawater at 3km Offshore of North of Iwaki City(T-12) Lower Layer (Bq/L)



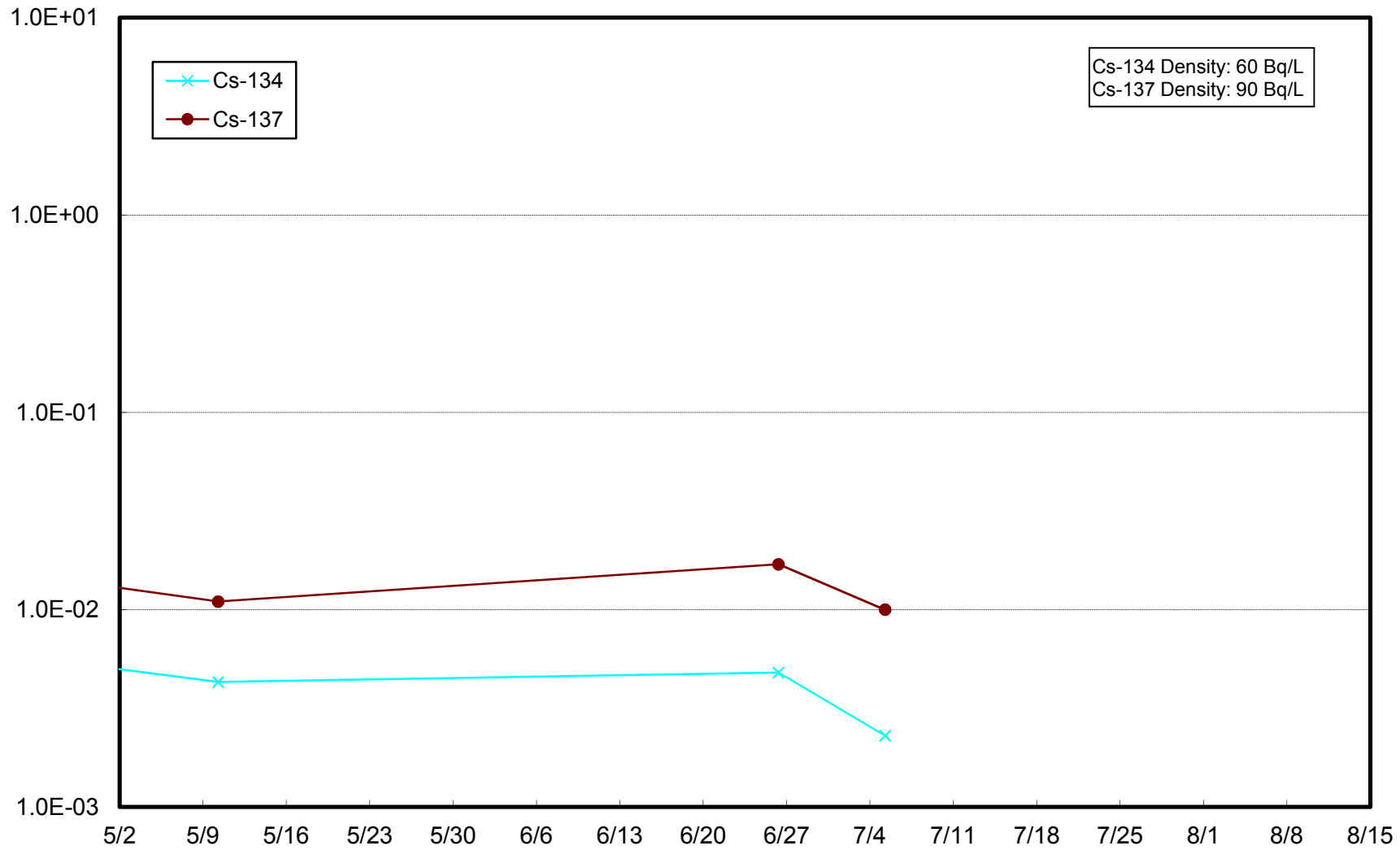
Radioactivity Density of the Seawater at 1km Offshore of Natsui River (T-17-1) Upper Layer (Bq/L)



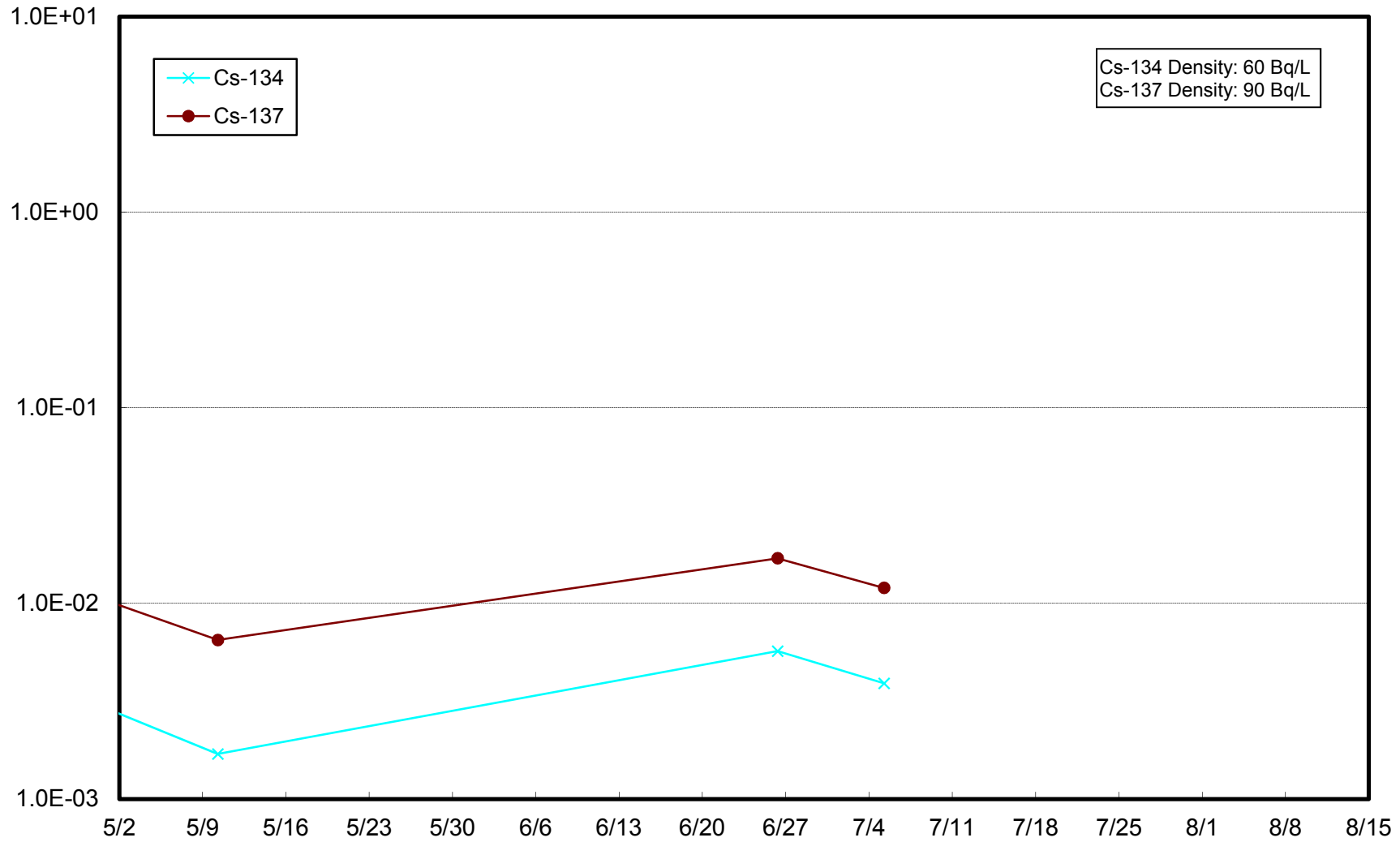
Radioactivity Density of the Seawater at 1km Offshore of Natsui River (T-17-1) Lower Layer (Bq/L)



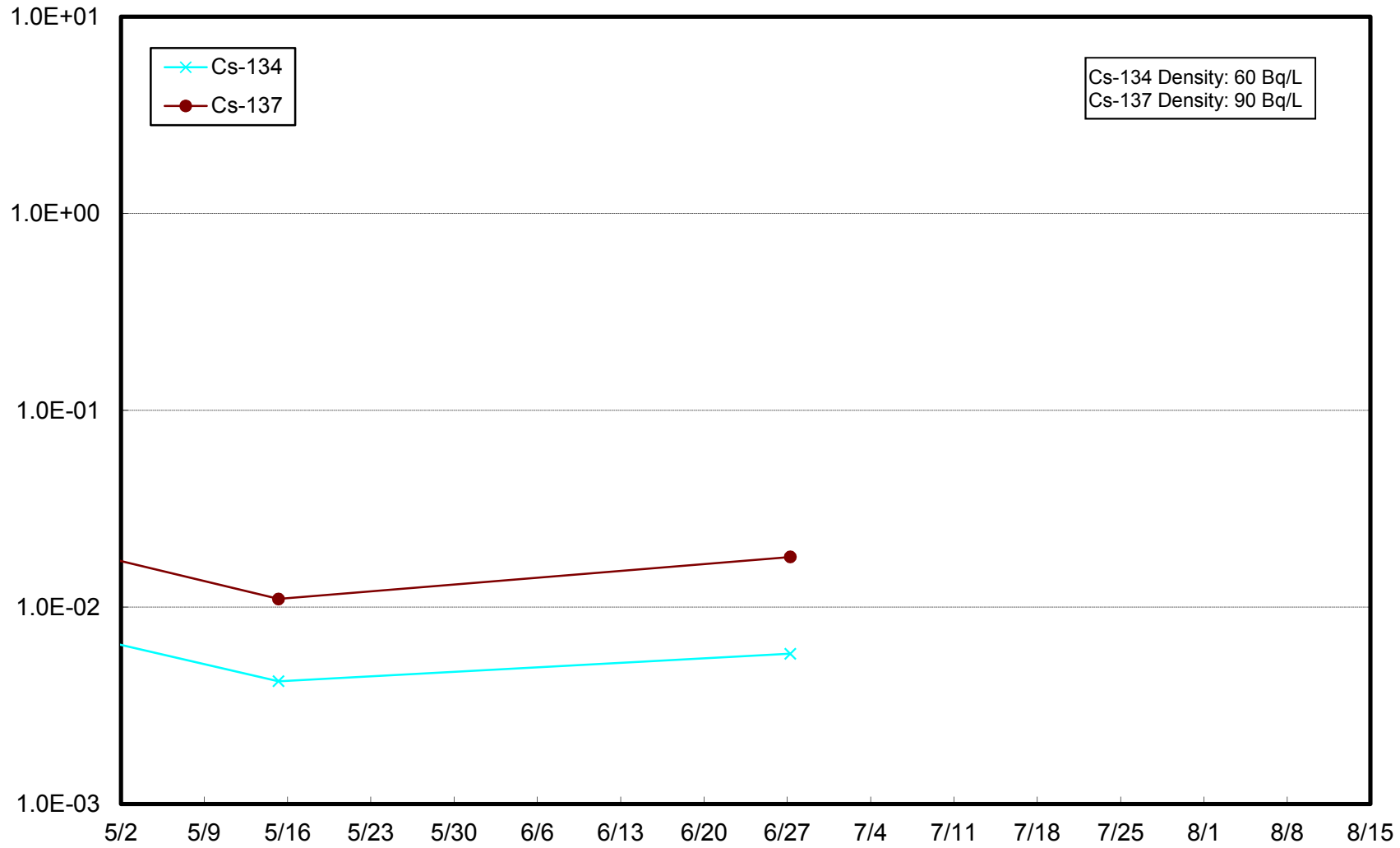
Radioactivity Density of the Seawater at 3km Offshore of Toyoma (T-20) Upper Layer (Bq/L)



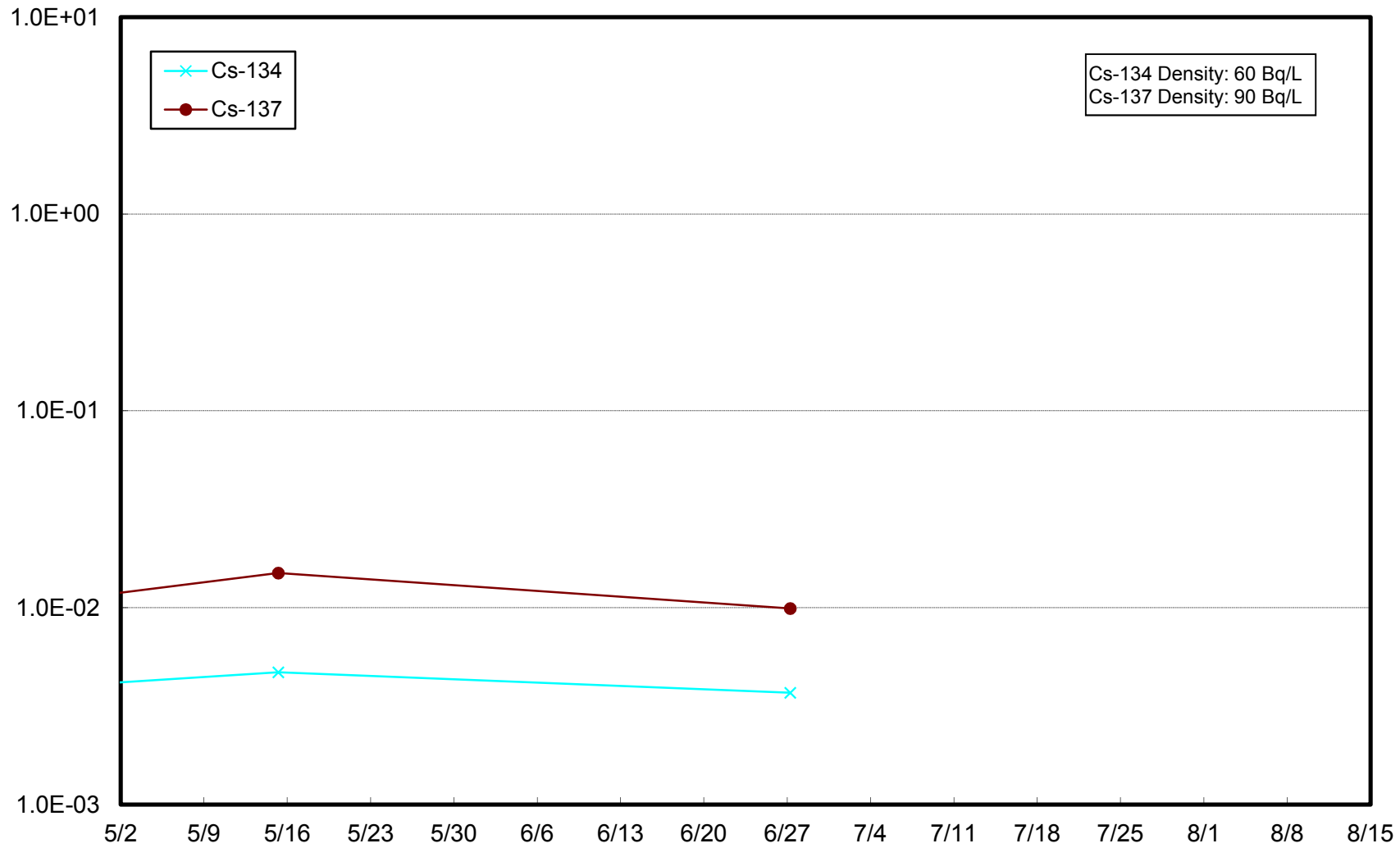
Radioactivity Density of the Seawater at 3km Offshore of Toyoma (T-20) Upper Layer (Bq/L)



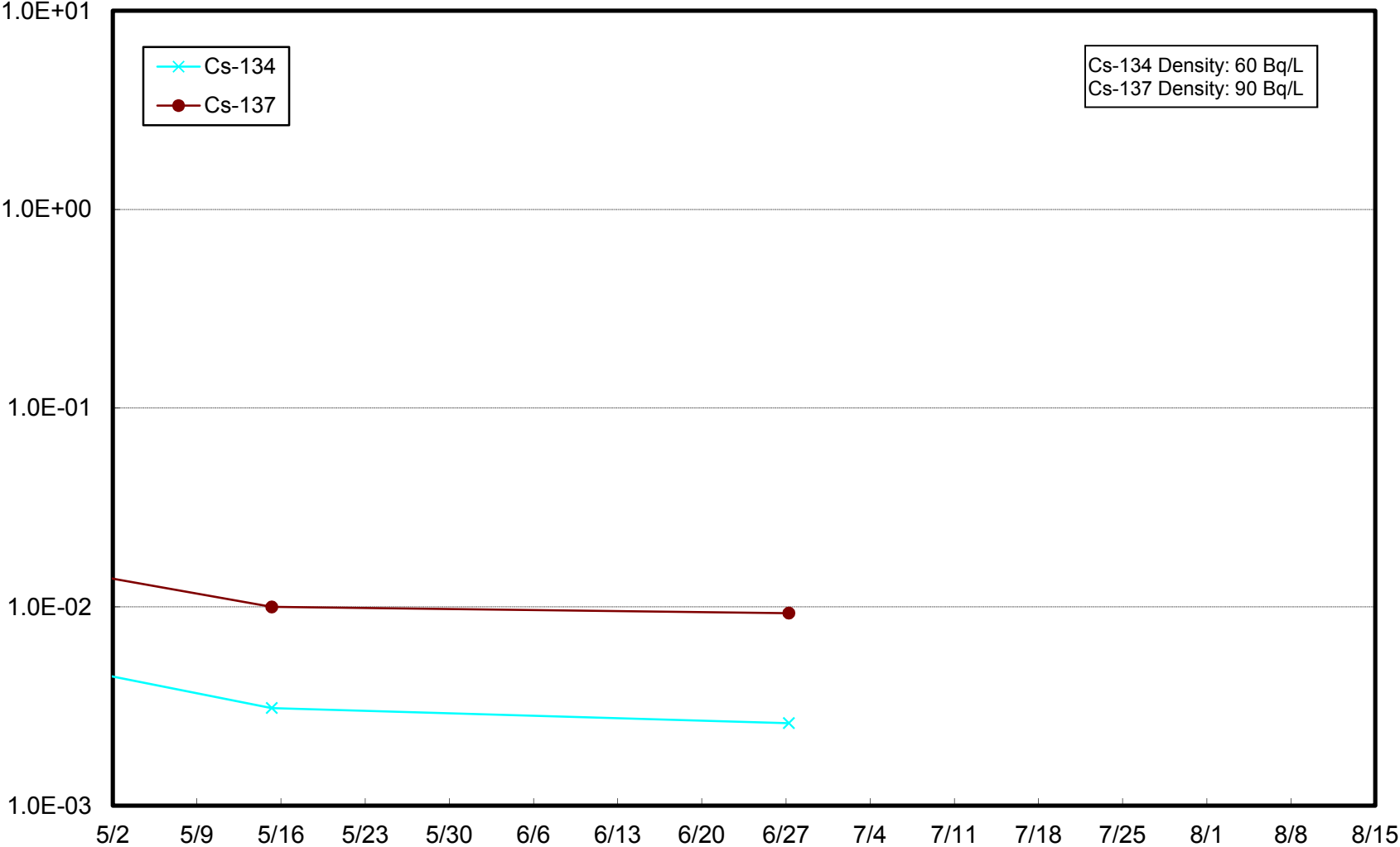
Radioactivity Density of the Seawater Around 1km Offshore of Ota River (T-S1) Upper Layer (Bq/L)



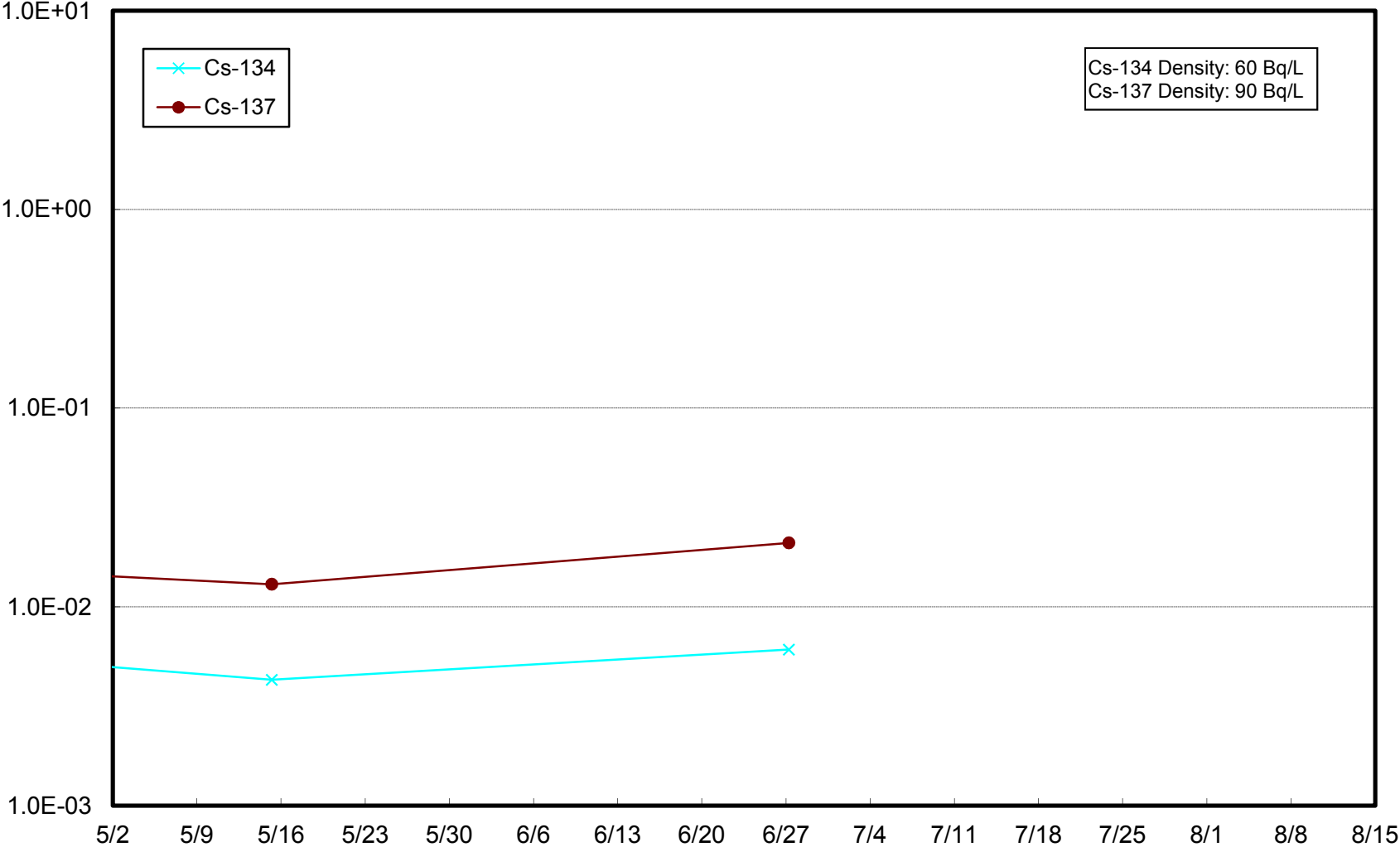
Radioactivity Density of the Seawater Around 1km Offshore of Ota River (T-S1) Lower Layer (Bq/L)



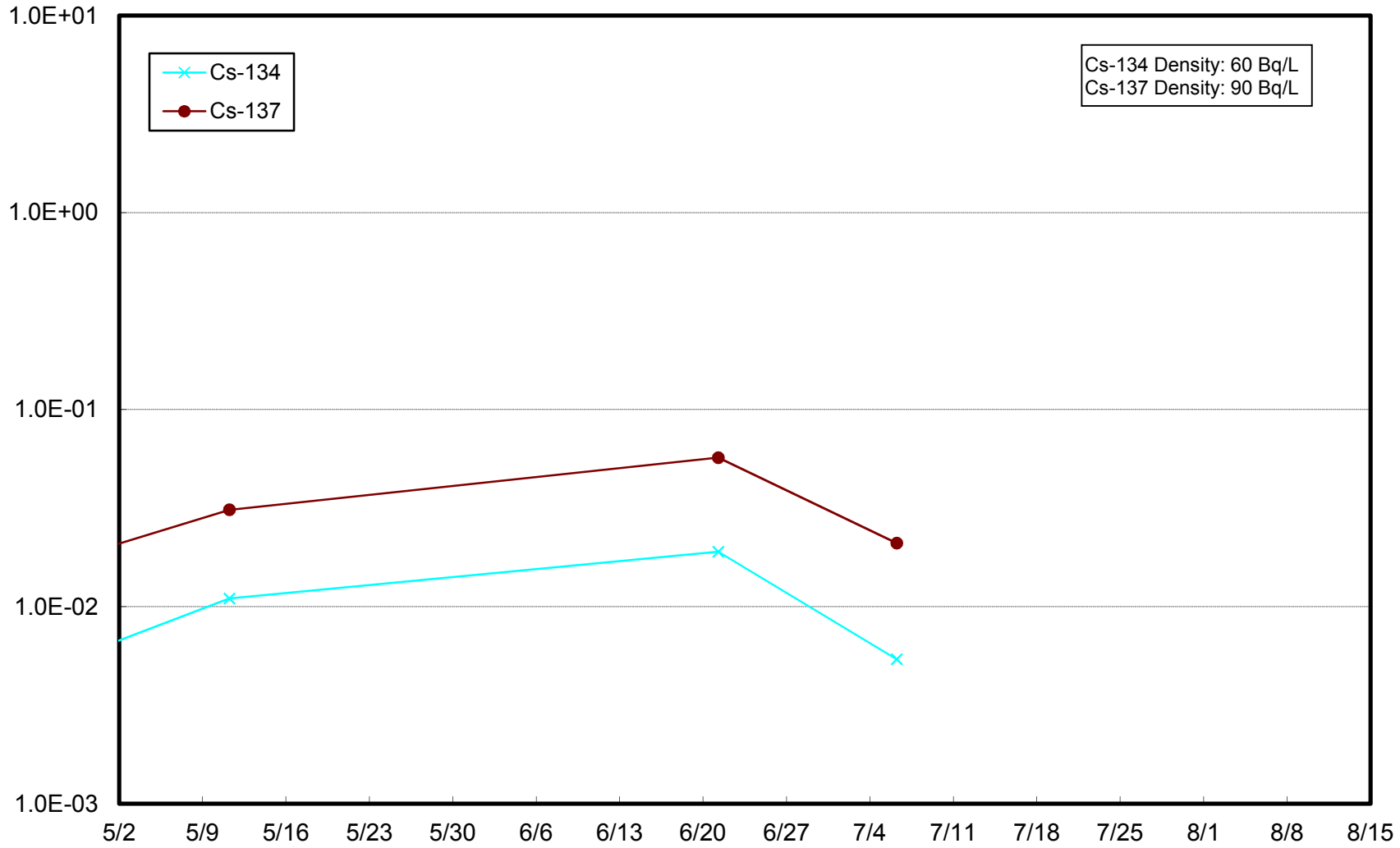
Radioactivity Density of the Seawater Around 3km Offshore of Odaka Ward (T-S2) Upper Layer (Bq/L)



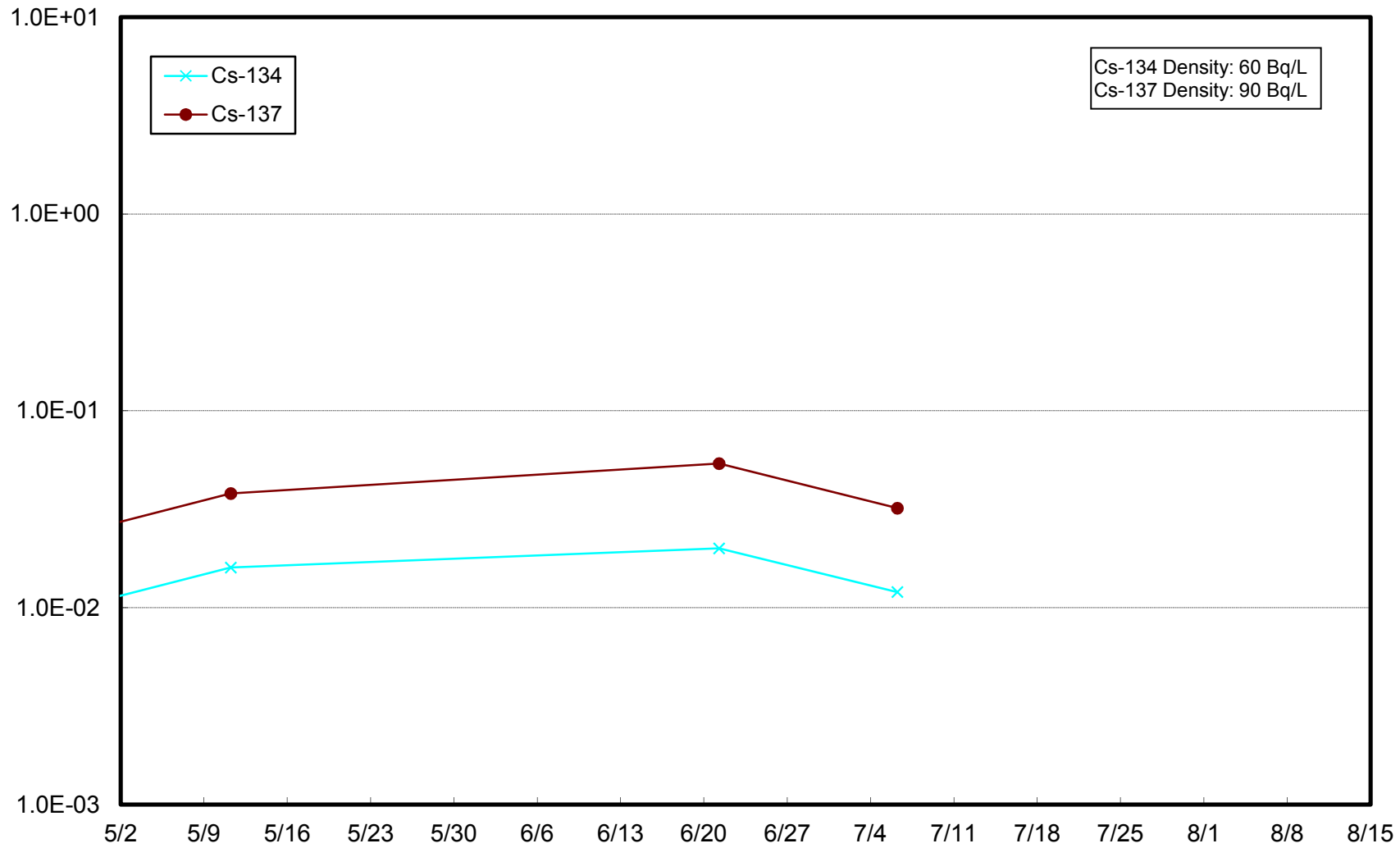
Radioactivity Density of the Seawater Around 3km Offshore of Odaka Ward (T-S2) Lower Layer (Bq/L)



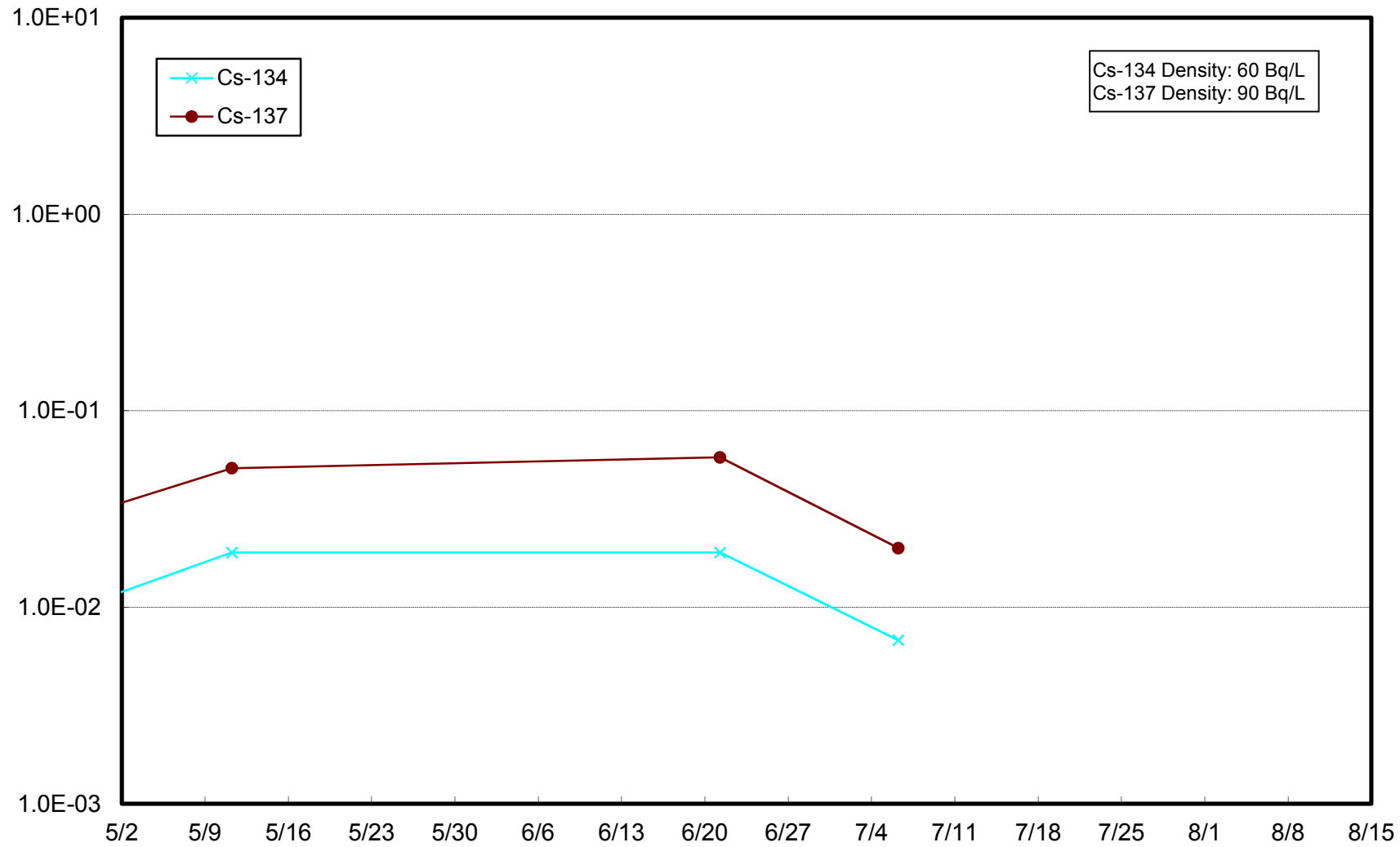
Radioactivity Density of the Seawater at 2km Offshore of Kido River (T-S5) Upper Layer (Bq/L)



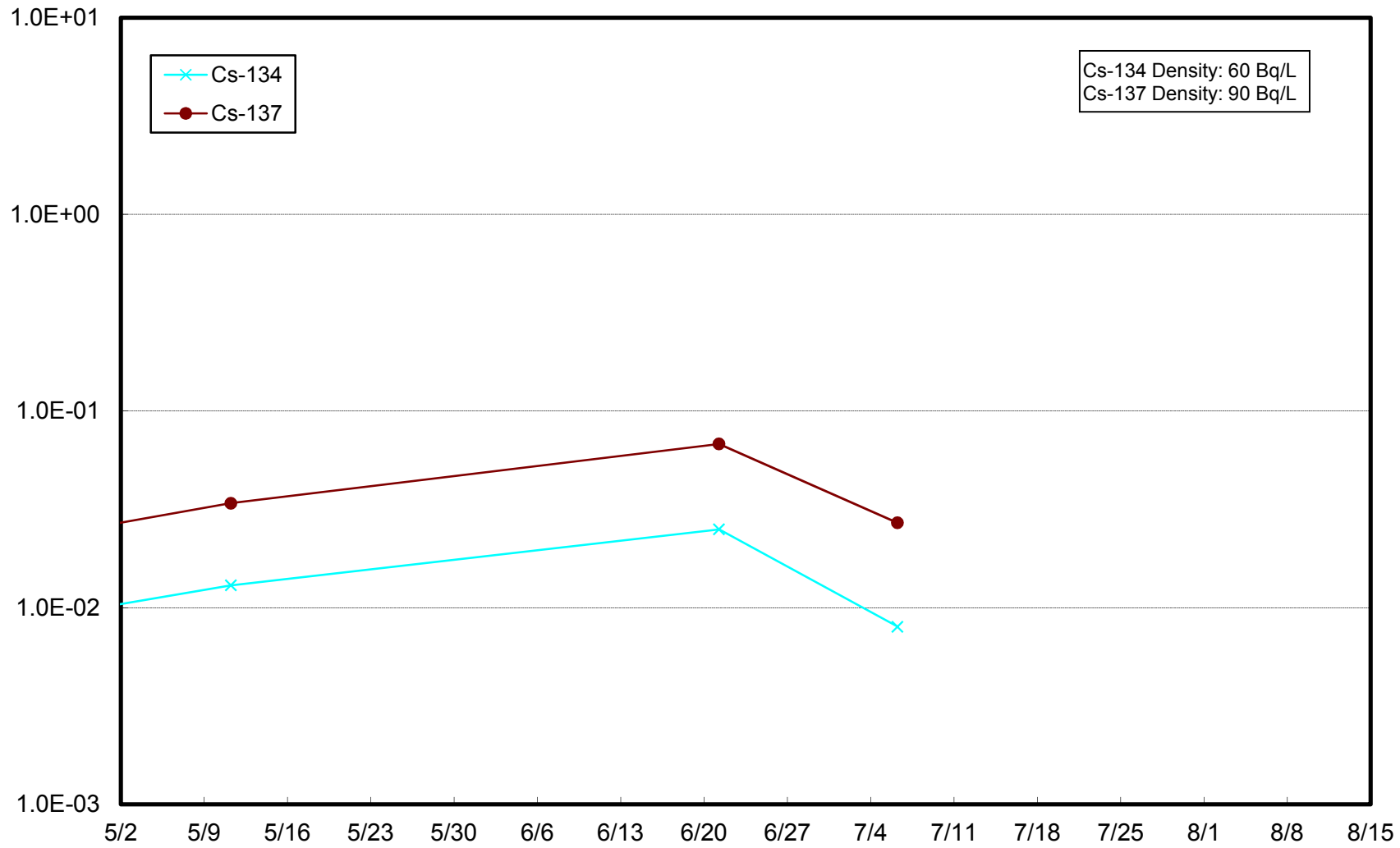
Radioactivity Density of the Seawater at 2km Offshore of Kido River (T-S5) Lower Layer (Bq/L)



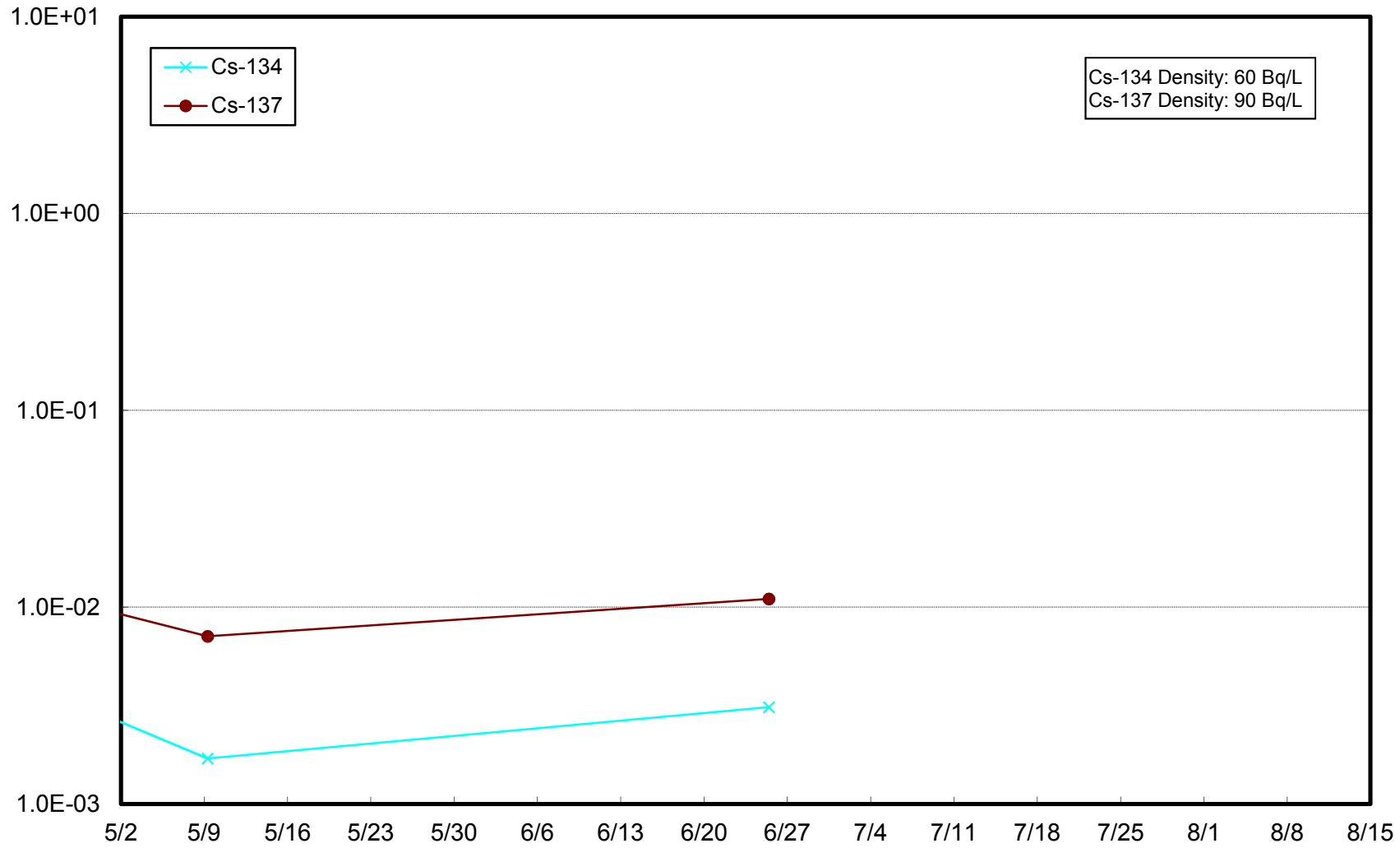
Radioactivity Density of the Seawater at 2km Offshore of Fukushima Daini NPS (T-S7) Upper Layer (Bq/L)



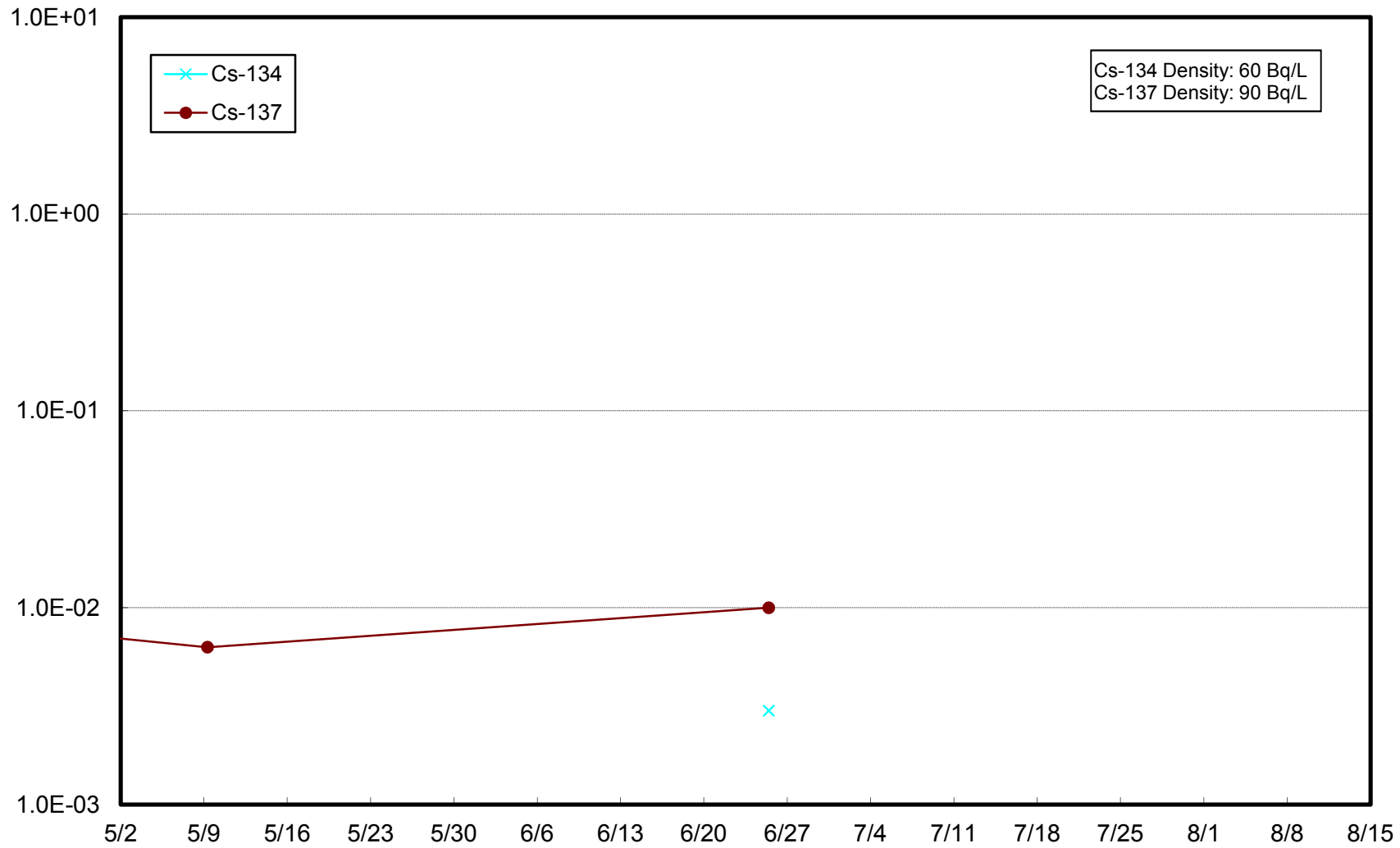
Radioactivity Density of the Seawater at 2km Offshore of Fukushima Daini NPS (T-S7) Lower Layer (Bq/L)



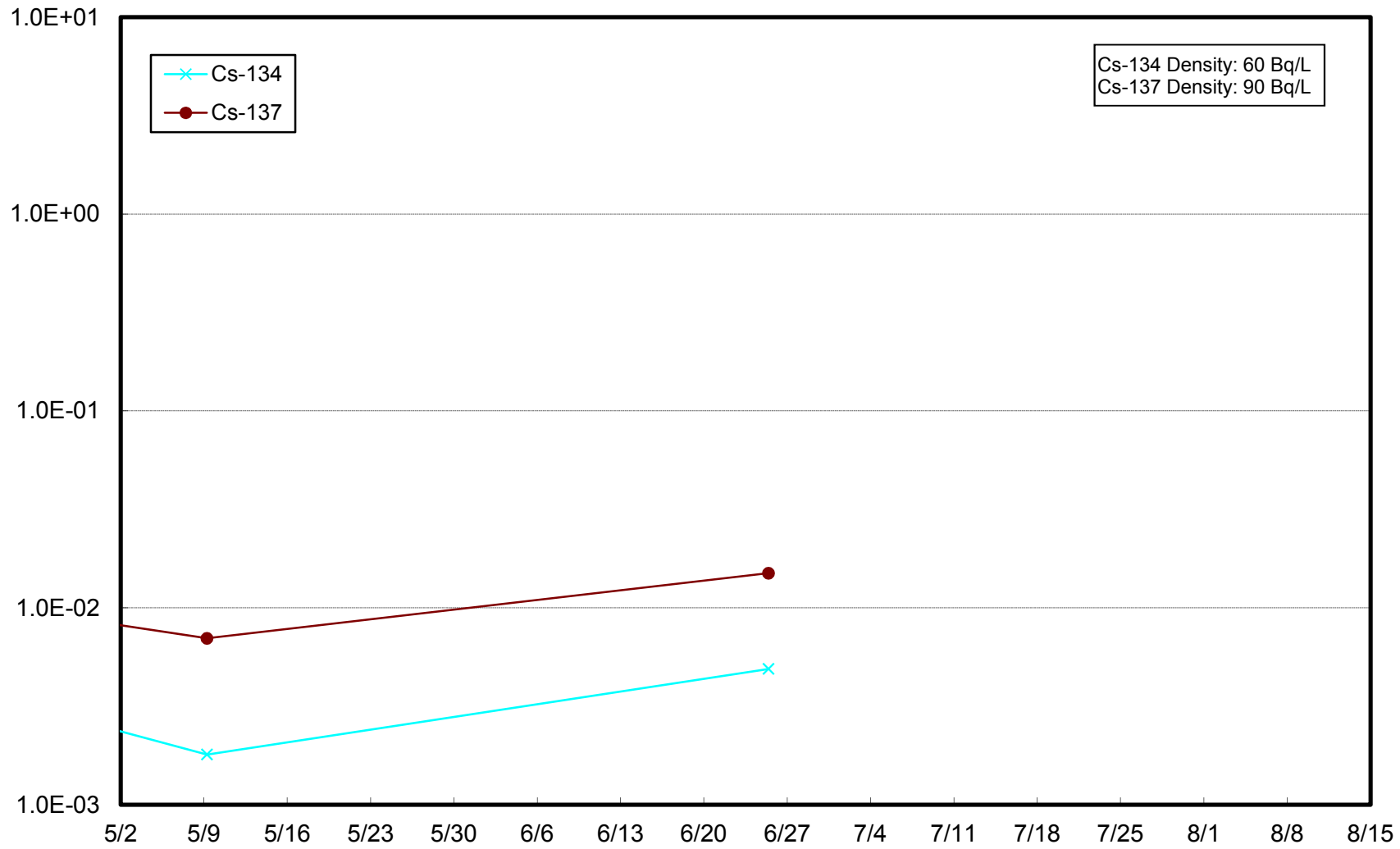
Radioactivity Density of the Seawater at 15km Offshore of Odaka Ward (T-B1) Upper Layer (Bq/L)



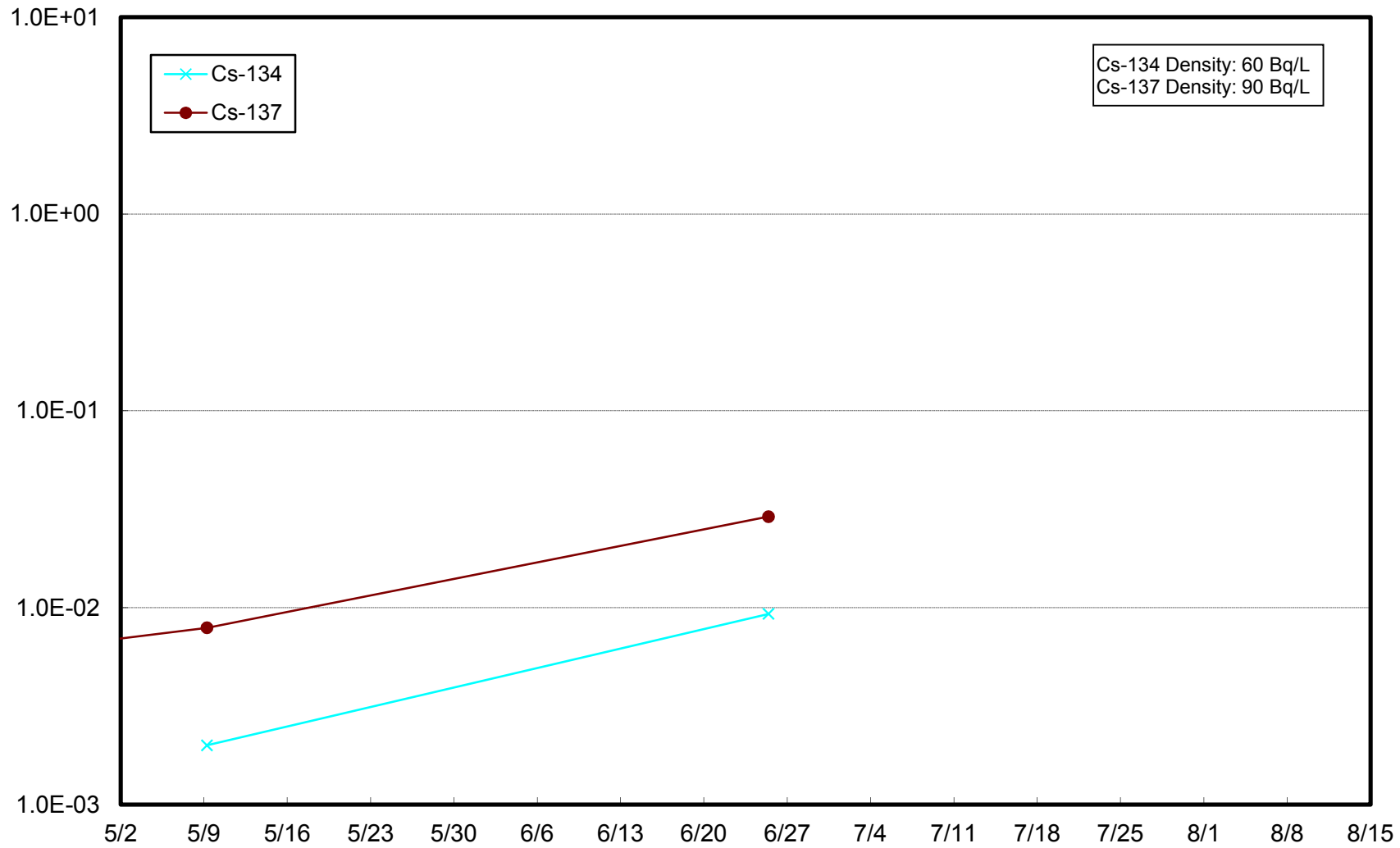
Radioactivity Density of the Seawater at 15km Offshore of Odaka Ward (T-B1) Lower Layer (Bq/L)



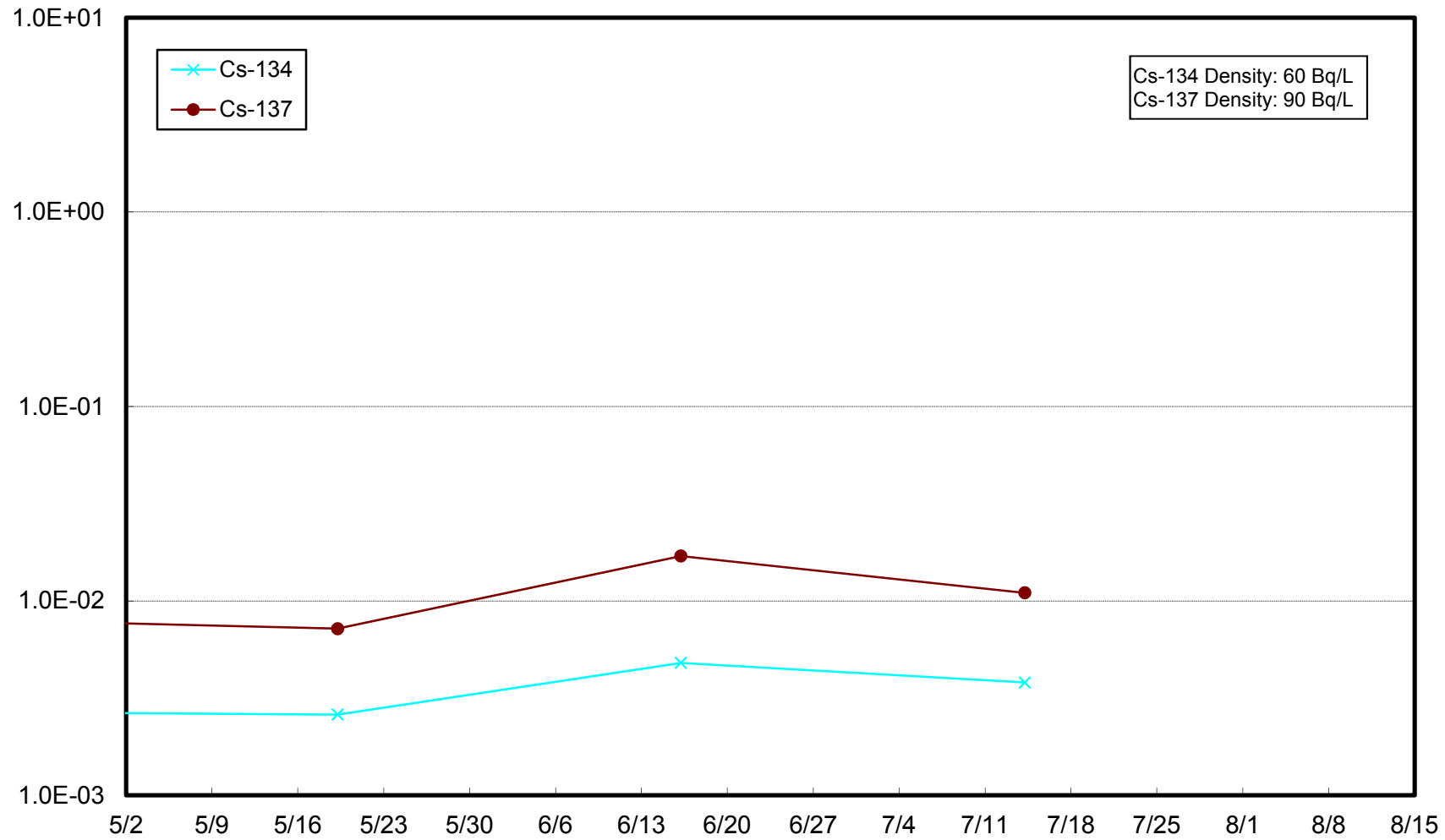
Radioactivity Density of the Seawater at 18km Offshore of Ukedo River (T-B2) Upper Layer (Bq/L)



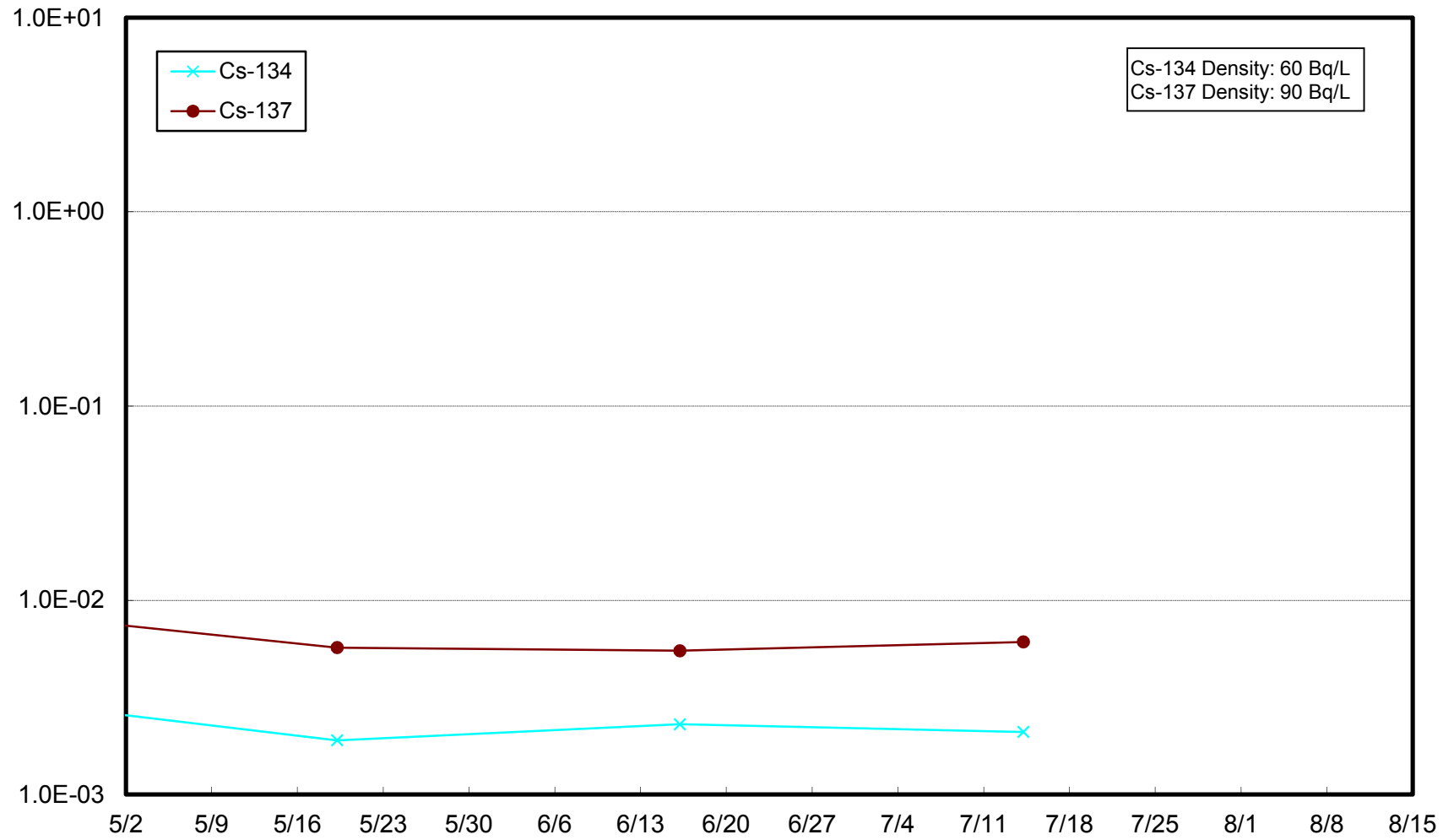
Radioactivity Density of the Seawater at 18km Offshore of Ukedo River (T-B2) Lower Layer (Bq/L)



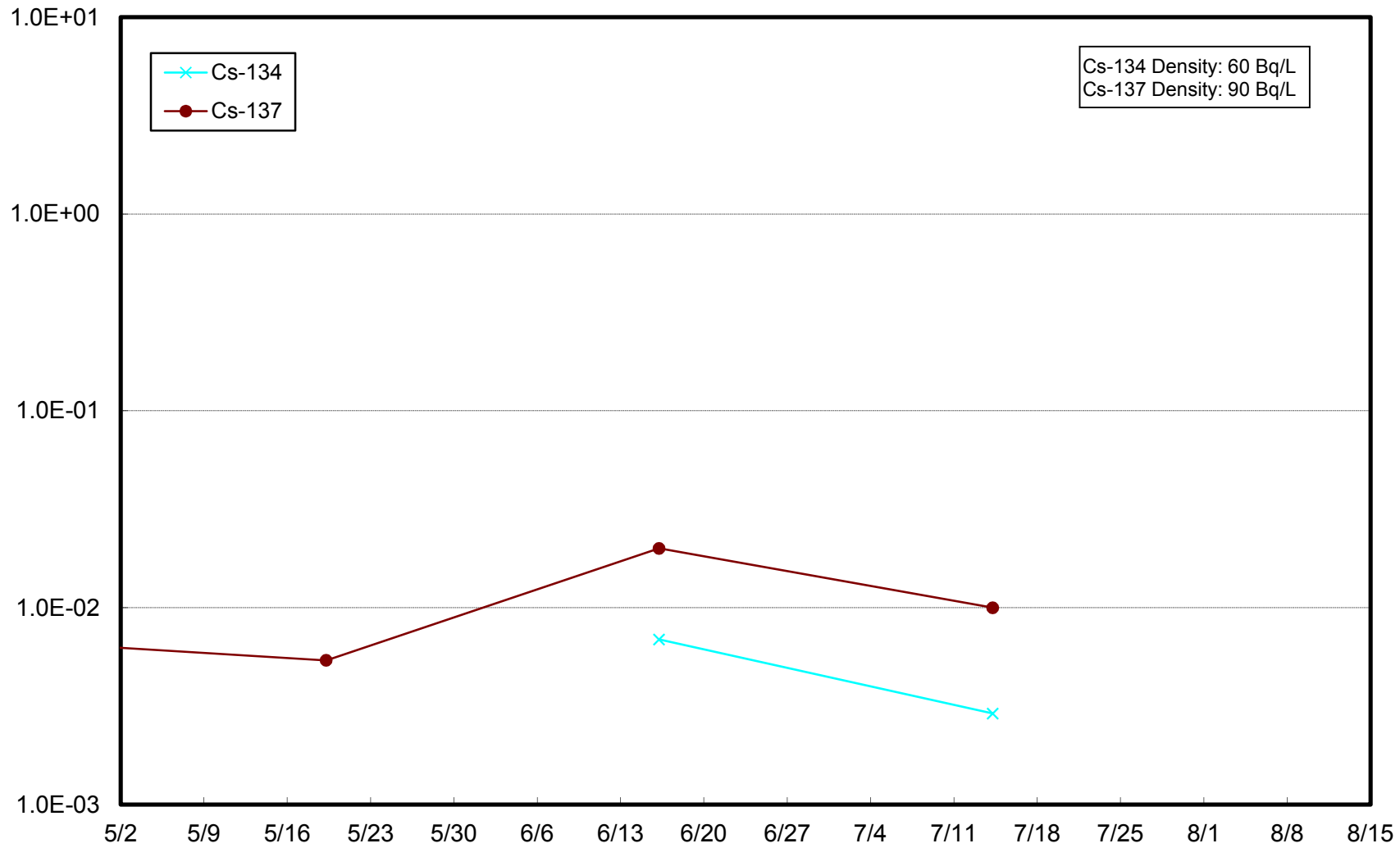
Radioactivity Density of the Seawater Around 10km Offshore of Fukushima Daiichi NPS (T-B3) Upper Layer (Bq/L)



Radioactivity Density of the Seawater Around 10km Offshore of Fukushima Daiichi NPS (T-B3) Lower Layer (Bq/L)



Radioactivity Density of the Seawater Around 10km Offshore of Fukushima Daini (T-B4) Upper Layer (Bq/L)



Radioactivity Density of the Seawater Around 10km Offshore of Fukushima Daini (T-B4) Lower Layer (Bq/L)

