

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

(Data summarized on August 24)

| Place of Sampling | North of Unit 5-6 Discharge Channel at 1F (Approx. 30m North of Unit 5-6 Discharge Channel) | | Around 1F South Discharge Channel of 1F (Approx. 330m South of Unit 1-4 Discharge Channel) | | 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.) |
|----------------------------------|--|-------------------------|---|-------------------------|--|
| | Aug 23, 2012 7:20 AM | | Aug 23, 2012 7:05 AM | | |
| Detected Nuclides (Half-life) | Density of Sample (Bq/L) | Scaling Factor (/) | Density of Sample (Bq/L) | Scaling Factor (/) | |
| I-131 (Approx. 8 days) | ND | - | ND | - | 40 |
| Cs-134 (Approx. 2 years) | ND | - | ND | - | 60 |
| Cs-137 (Approx. 30 years) | 3.0 | 0.03 | ND | - | 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.

I-131: Approx. 0.59Bq/L, Cs-134: Approx.1.2Bq/L, Cs-137: Approx.1.4Bq/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.

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

(Data summarized on August 24)

| Place of Sampling | 2F Around the North Discharge Channel (Around Unit 3-4 Discharge Channel) (Approx. 10km from 1F) | | 2F Around Iwasawa Shore (Approx. 7km South of Unit 1 & 2 Discharge Channel) (Approx. 16km from 1F) | | 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.) |
|----------------------------------|--|-------------------------|--|-------------------------|--|
| Time of Sampling | Aug 21, 2012 8:15 AM | | Aug 21, 2012 7:45 AM | | |
| Detected Nuclides (Half-life) | Density of Sample (Bq/L) | Scaling Factor (/) | Density of Sample (Bq/L) | Scaling Factor (/) | |
| I-131 (Approx. 8 days) | ND | - | ND | - | 40 |
| Cs-134 (Approx. 2 years) | ND | - | ND | - | 60 |
| Cs-137 (Approx. 30 years) | 0.34 | 0.00 | 0.32 | 0.00 | 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.

I-131: Approx. 0.14Bq/L, Cs-134: Approx.0.22Bq/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.

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

(Data summarized on August 24)

| Place of Sampling (Place No.) | 1km Offshore of Nida River (T-13-1) | | | | 3km Offshore of Soma (T-22) | | | | 5km Offshore of Kashima (T-MA) | | | | 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 27, 2012 6:55 AM | | Jul 27, 2012 6:55 AM | | Jul 27, 2012 8:10 AM | | Jul 27, 2012 8:10 AM | | Jul 27, 2012 7:15 AM | | Jul 27, 2012 7:15 AM | | |
| Detected Nuclides (Half-life) | Density of Sample (Bq/L) | Scaling Factor (/) | Density of Sample (Bq/L) | Scaling Factor (/) | Density of Sample (Bq/L) | Scaling Factor (/) | Density of Sample (Bq/L) | Scaling Factor (/) | Density of Sample (Bq/L) | Scaling Factor (/) | Density of Sample (Bq/L) | Scaling Factor (/) | |
| Cs-134 (Approx. 2 years) | 0.016 | 0.00 | 0.020 | 0.00 | 0.0086 | 0.00 | 0.013 | 0.00 | 0.013 | 0.00 | 0.024 | 0.00 | 60 |
| Cs-137 (Approx. 30 years) | 0.026 | 0.00 | 0.031 | 0.00 | 0.015 | 0.00 | 0.020 | 0.00 | 0.024 | 0.00 | 0.034 | 0.00 | 90 |

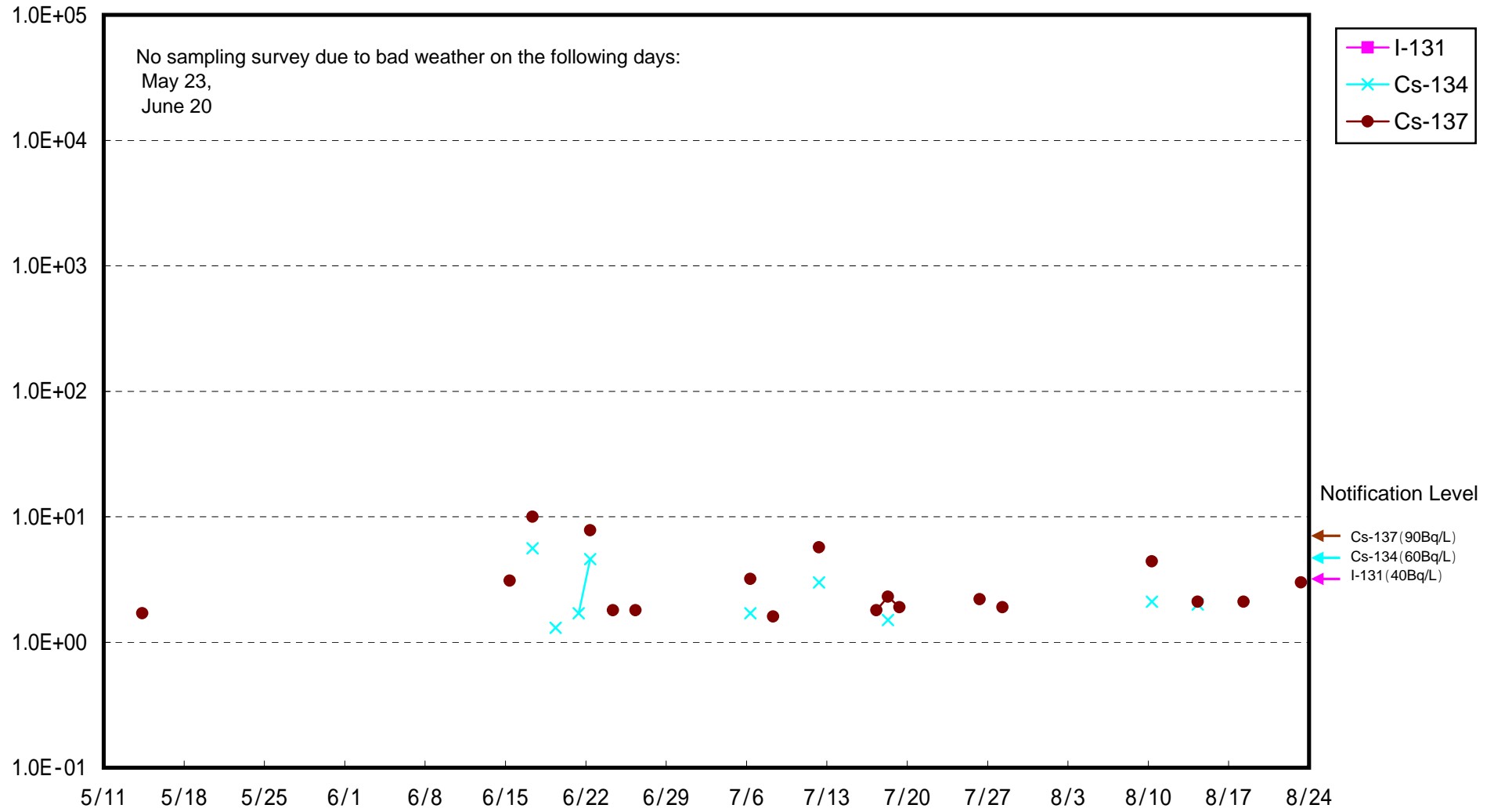
| Place of Sampling (Place No.) | Around 1km Offshore of Ota River (T-S1) | | | | Around 3km Offshore of Odaka Ward (T-S2) | | | | / | | | | Density Limit Specified by the Reactor Regulation (Bq/L) (The density limit in the water outside the surrounding monitored areas is provided in section 6 of Appendix 2.) |
|----------------------------------|---|----------------------------|--------------------------------|----------------------------|--|----------------------------|--------------------------------|----------------------------|--------------------------------|----------------------------|--------------------------------|----------------------------|--|
| | Upper Layer | | Lower Layer | | Upper Layer | | Lower Layer | | Upper Layer | | Lower Layer | | |
| Time of Sampling | Jul 31, 2012 6:25 AM | | Jul 31, 2012 6:25 AM | | Jul 31, 2012 5:59 AM | | Jul 31, 2012 5:59 AM | | / | | / | | |
| Detected Nuclides (Half-life) | Density of Sample (Bq/L) | Scaling Factor (/) | Density of Sample (Bq/L) | Scaling Factor (/) | Density of Sample (Bq/L) | Scaling Factor (/) | Density of Sample (Bq/L) | Scaling Factor (/) | Density of Sample (Bq/L) | Scaling Factor (/) | Density of Sample (Bq/L) | Scaling Factor (/) | |
| Cs-134 (Approx. 2 years) | 0.028 | 0.00 | 0.013 | 0.00 | 0.016 | 0.00 | 0.021 | 0.00 | / | / | / | / | 60 |
| Cs-137 (Approx. 30 years) | 0.042 | 0.00 | 0.020 | 0.00 | 0.025 | 0.00 | 0.030 | 0.00 | / | / | / | / | 90 |

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

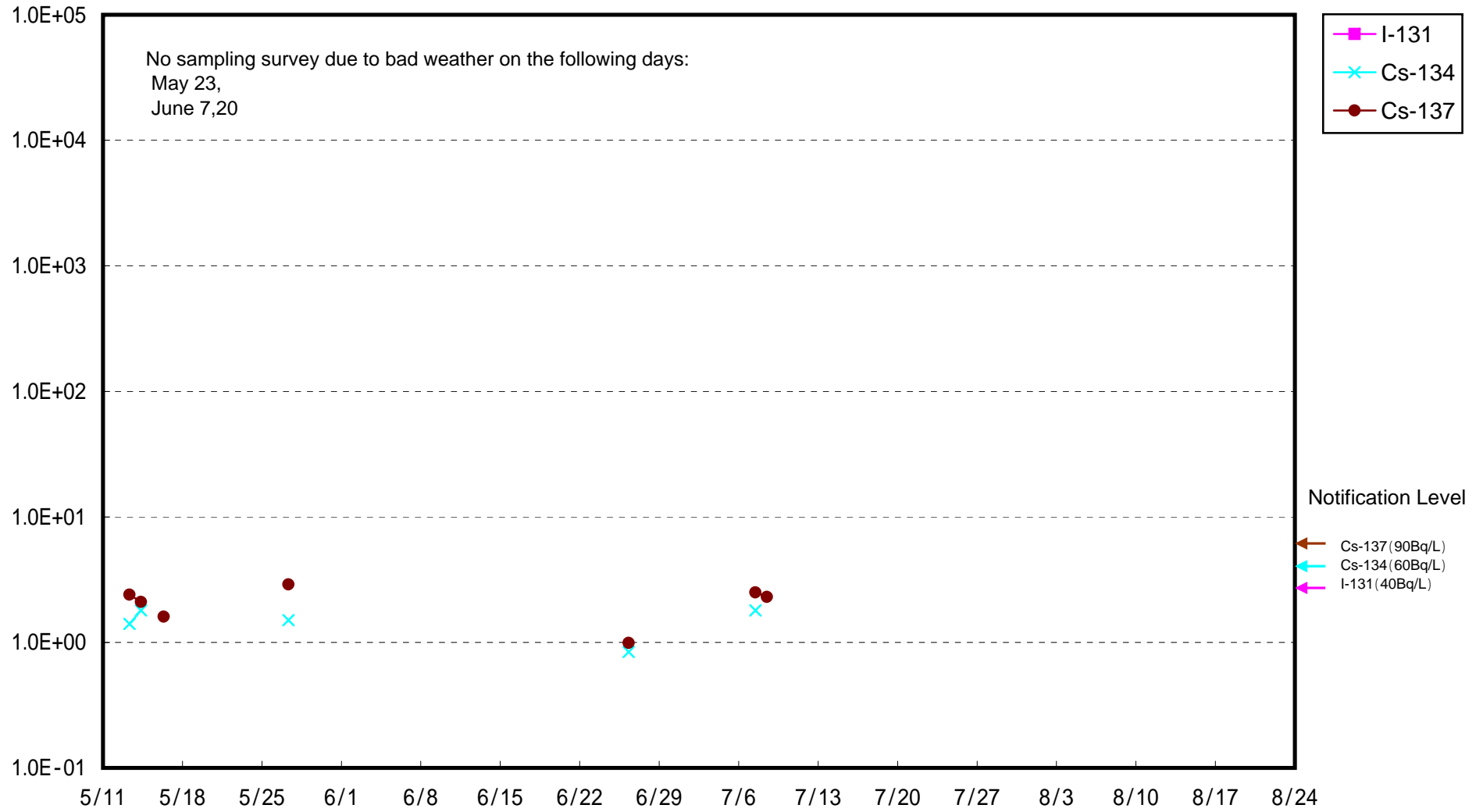
* In the case of more than 2 nuclides, the sum of scaling factors to density limits is compared to 1.

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

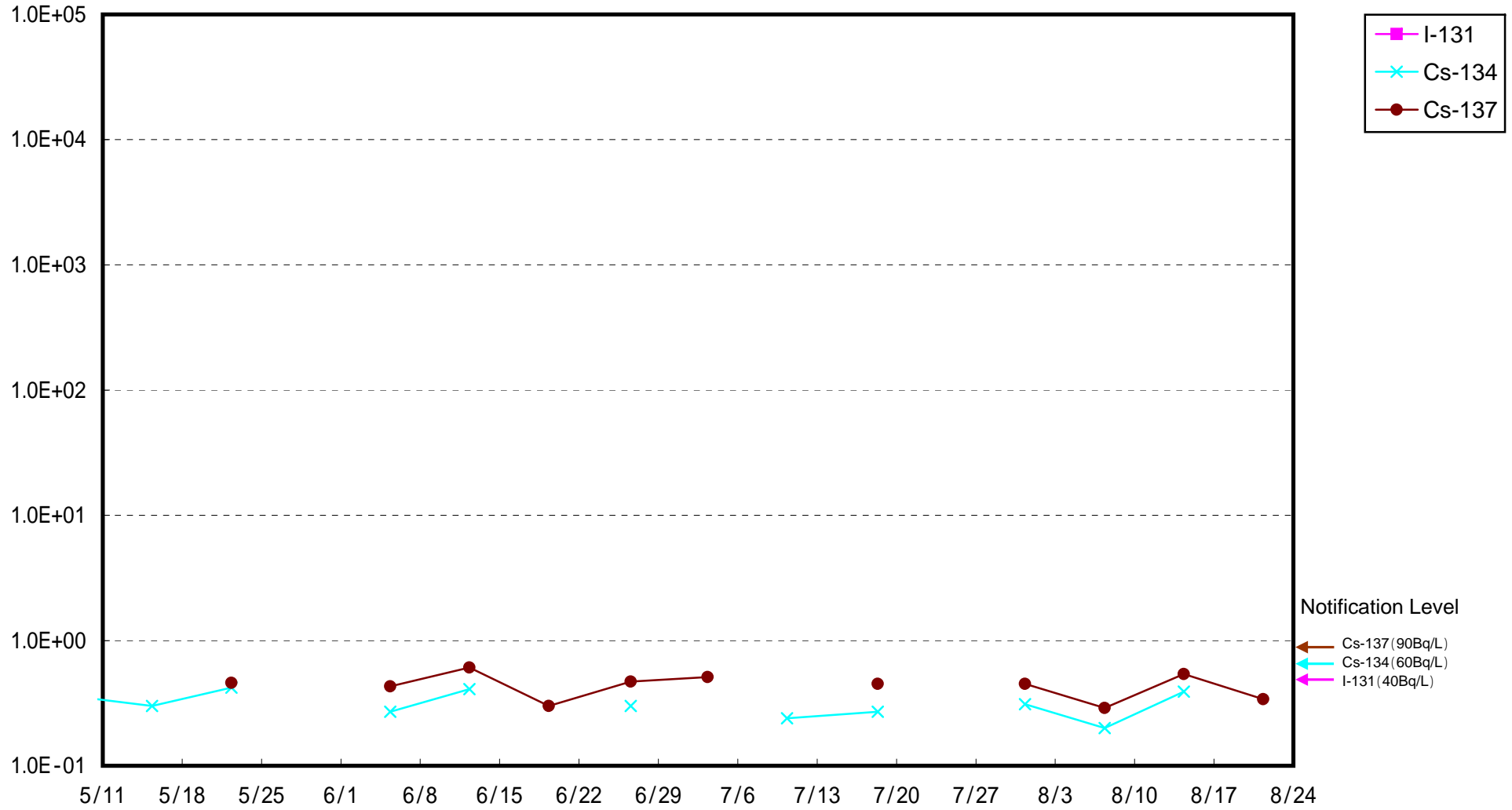
Radioactivity Density of the Seawater at the North of 1F Unit 5-6 Discharge Channel (Bq/L)



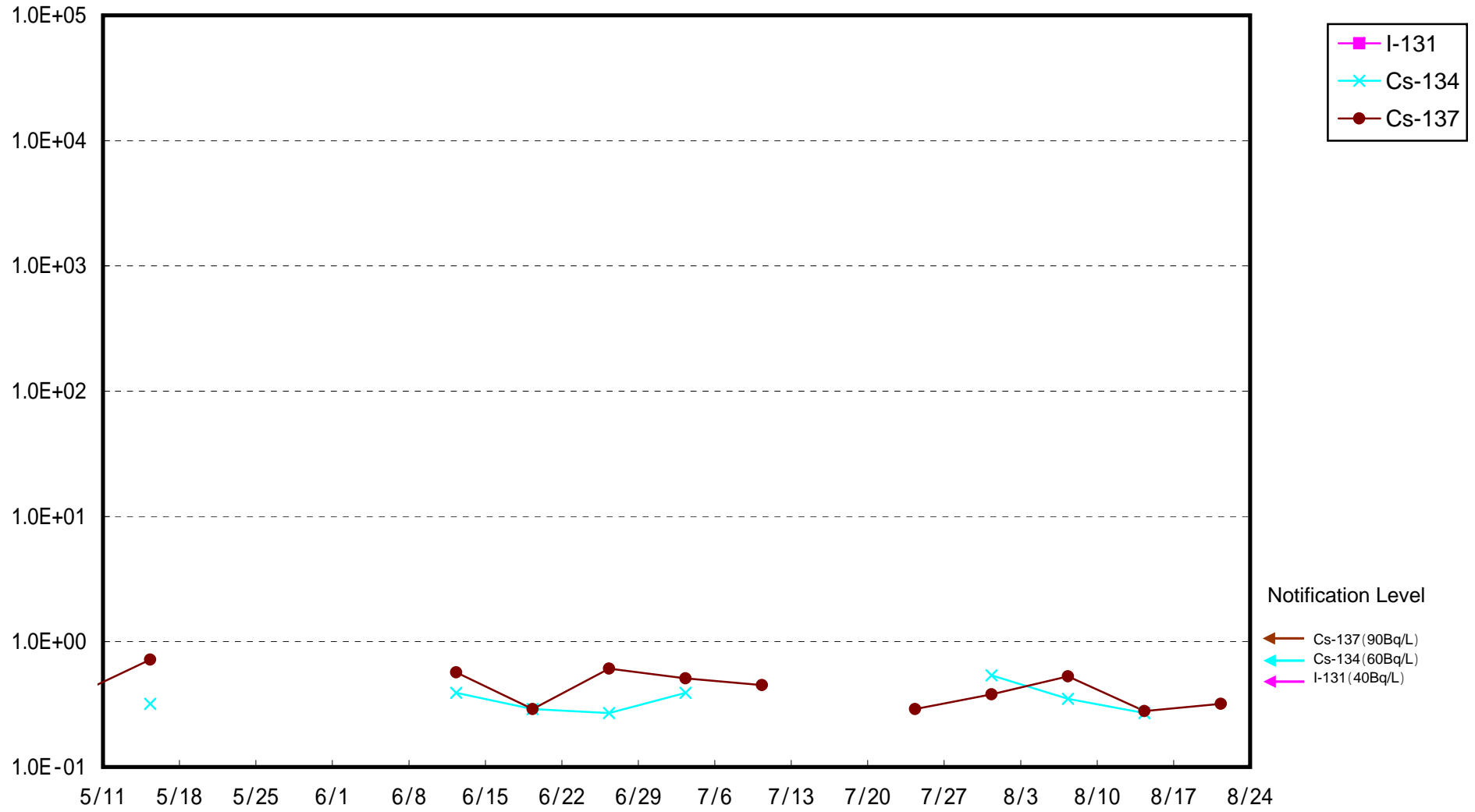
Radioactivity Density of the Seawater at 1F South Discharge Channel (Bq/L)



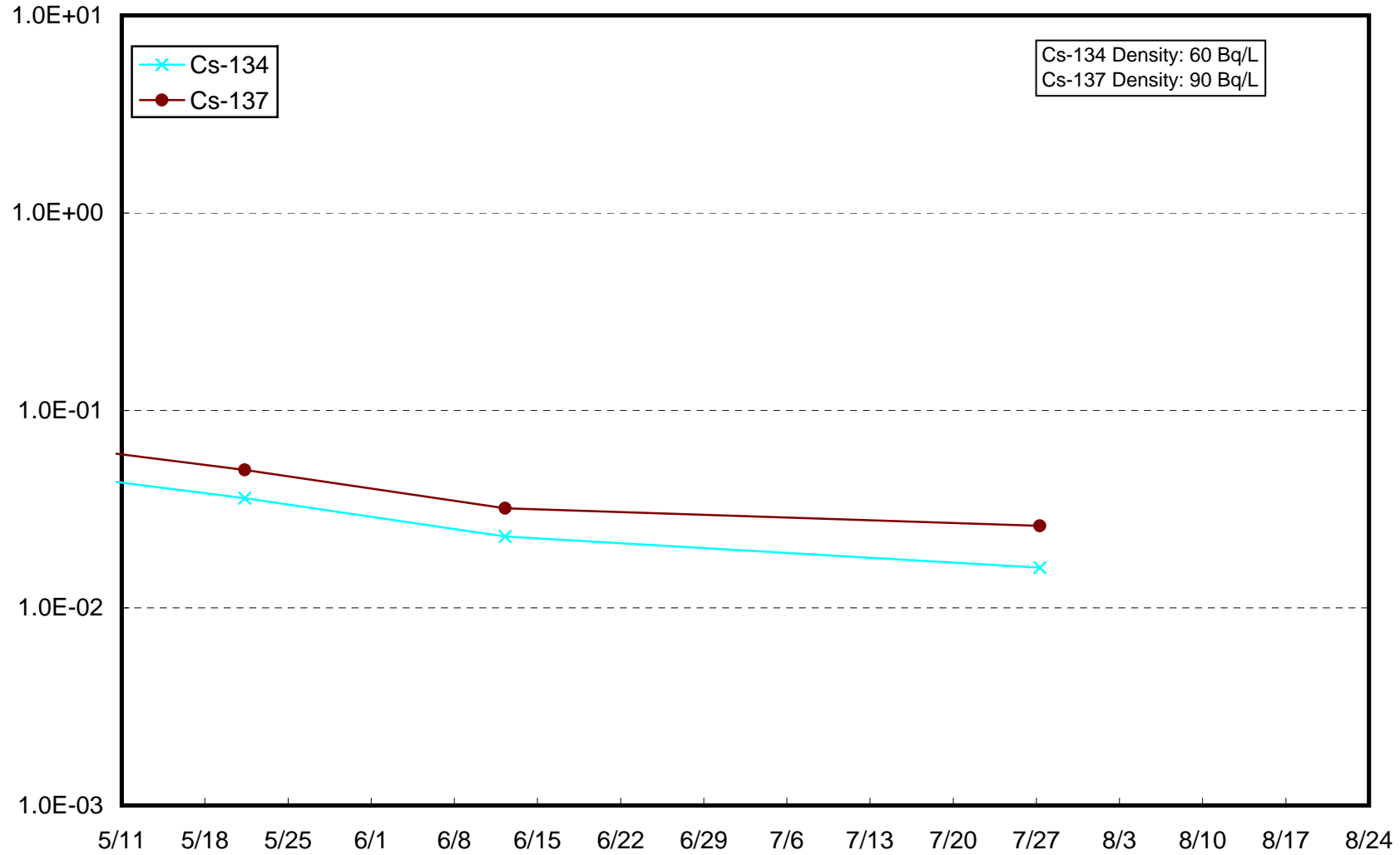
Radioactivity Density of the Seawater at 2F North Discharge Channel (Bq/L)



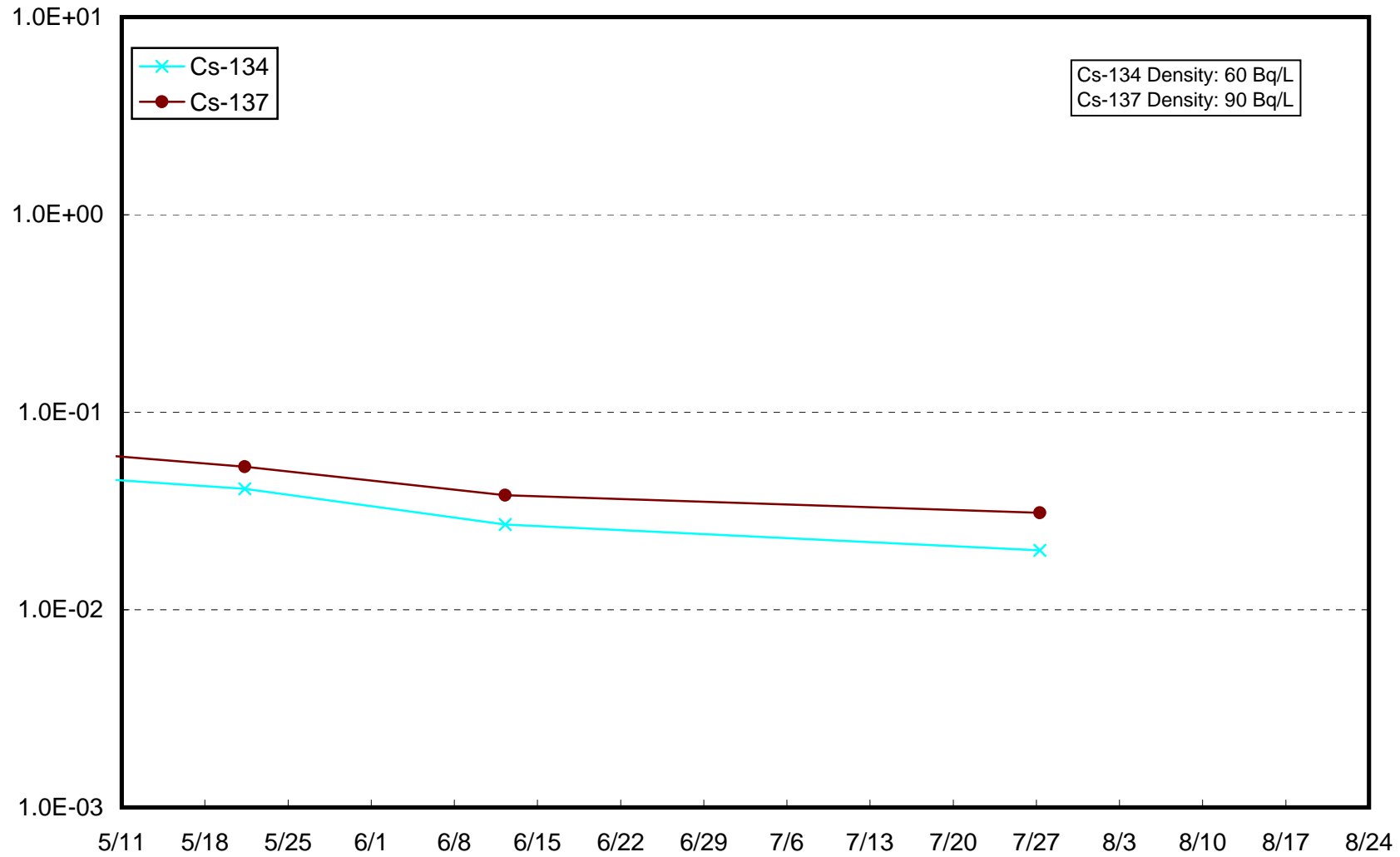
Radioactivity Density of the Seawater at Iwasawa Shore at 2F (Bq/L)



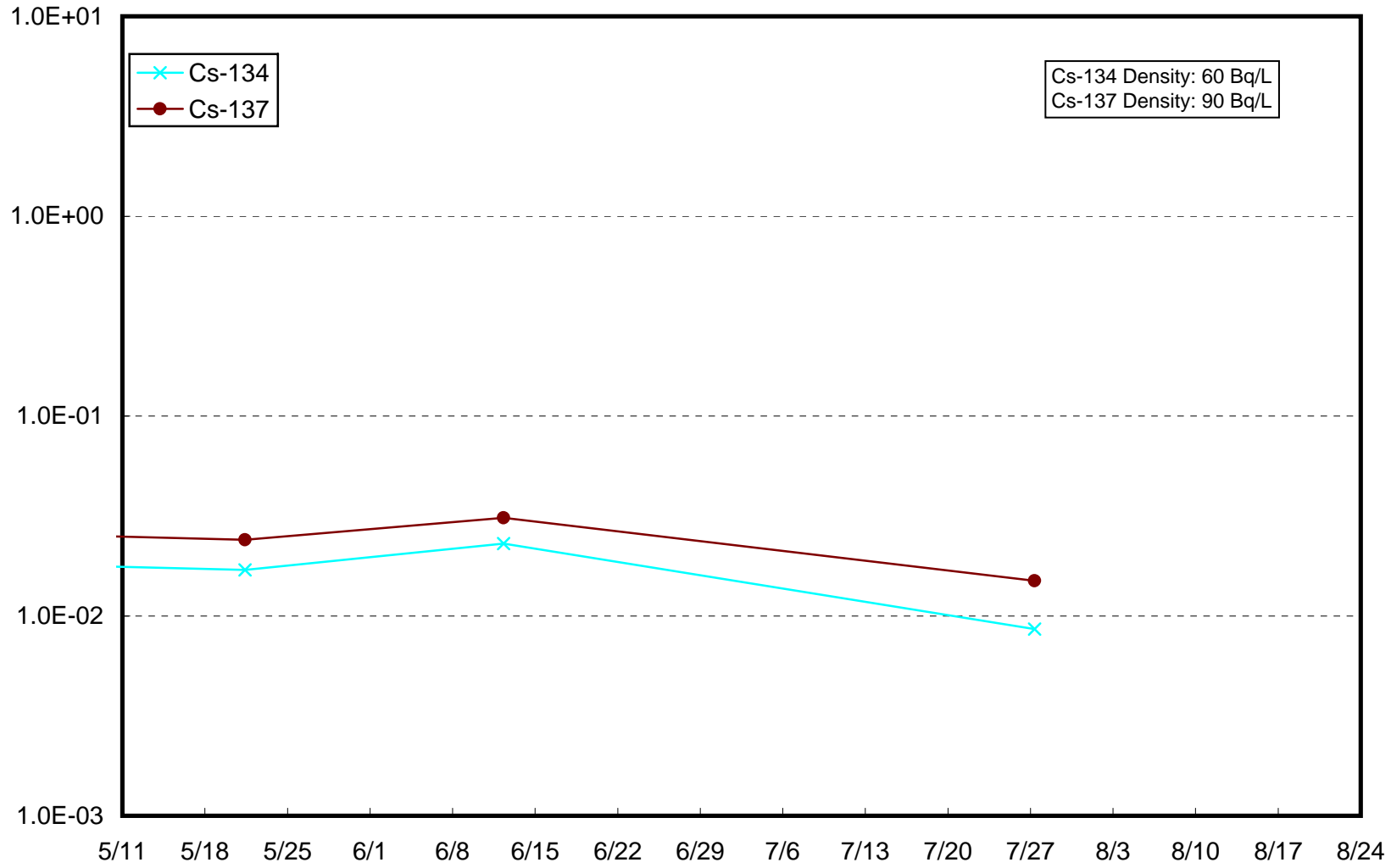
Radioactivity Density of the Seawater at 1km Offshore of Nida River (T-13-1) Upper Layer (Bq/L)



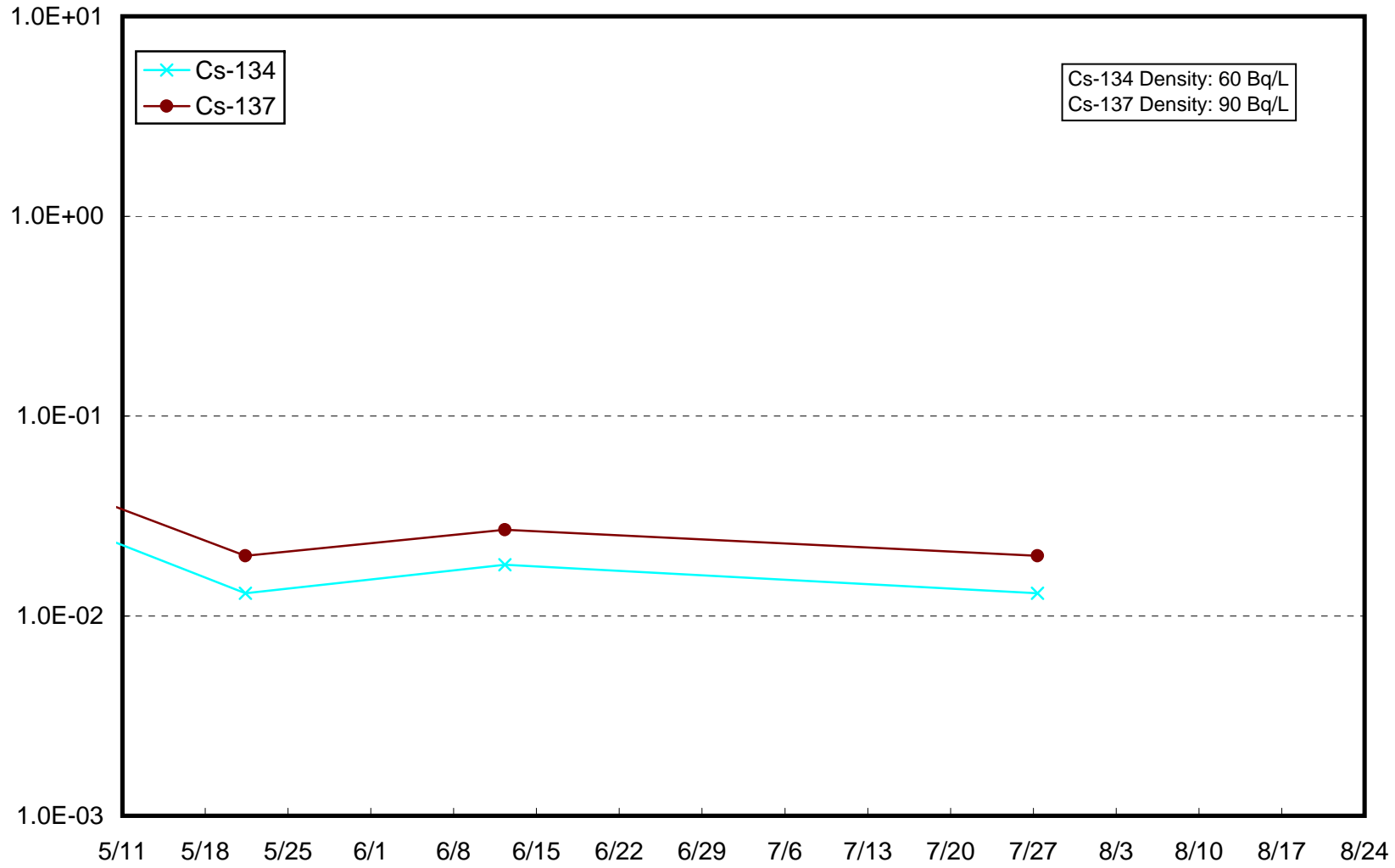
Radioactivity Density of the Seawater at 1km Offshore of Nida River (T-13-1) Lower Layer (Bq/L)



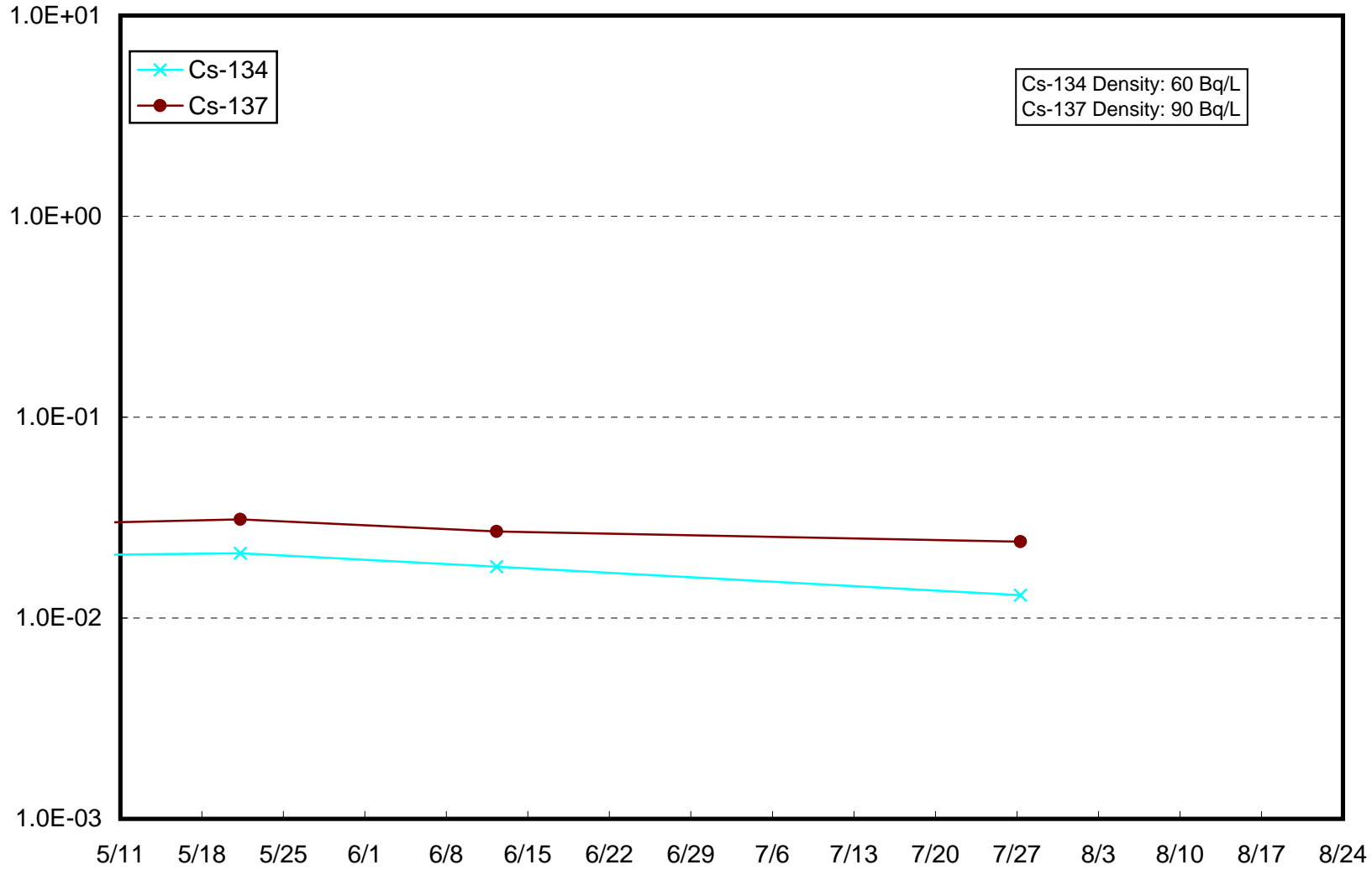
Radioactivity Density of the Seawater at 3km Offshore of Soma (T-22) Upper Layer (Bq/L)



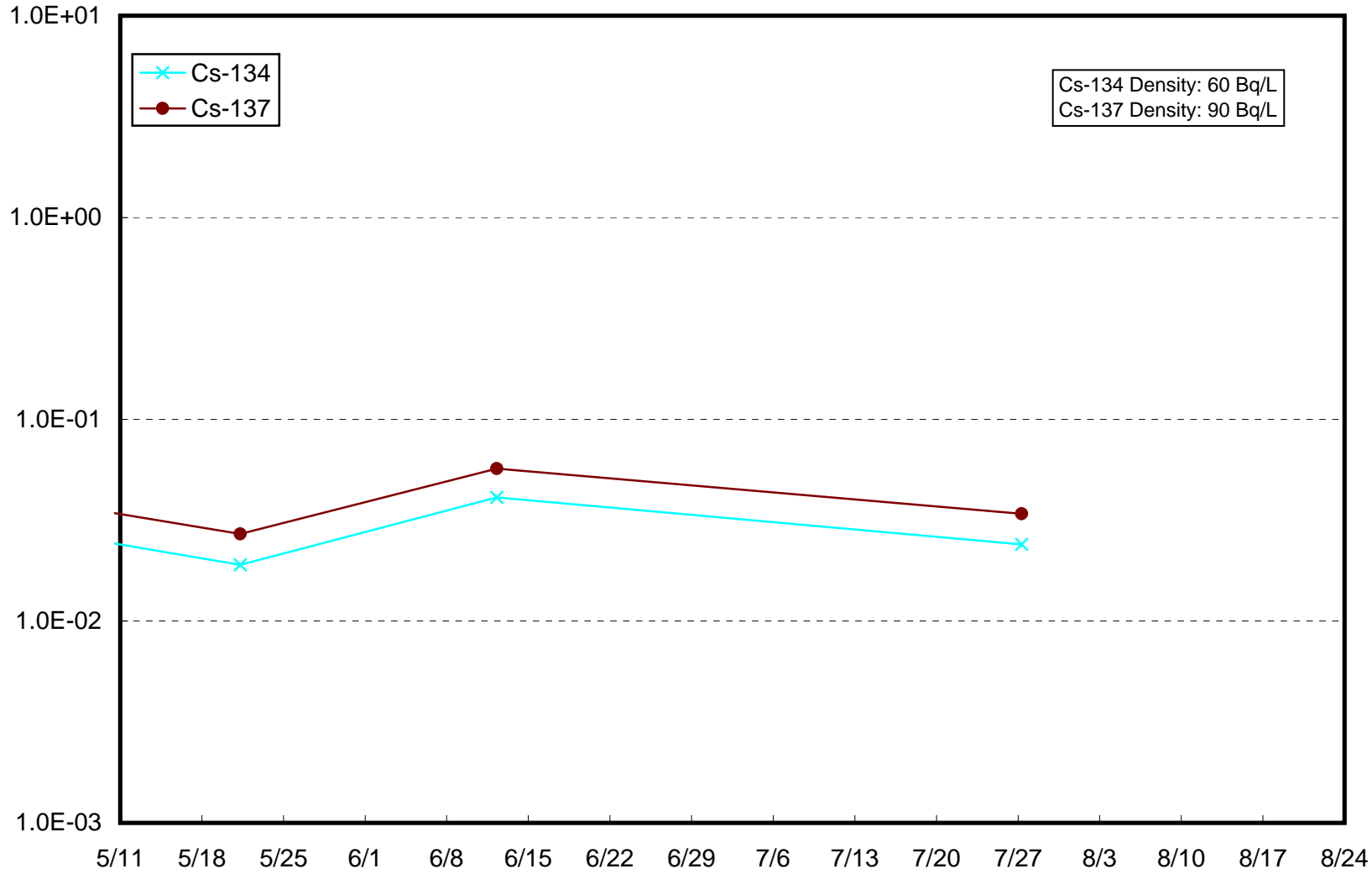
Radioactivity Density of the Seawater at 3km Offshore of Soma (T-22) Lower Layer (Bq/L)



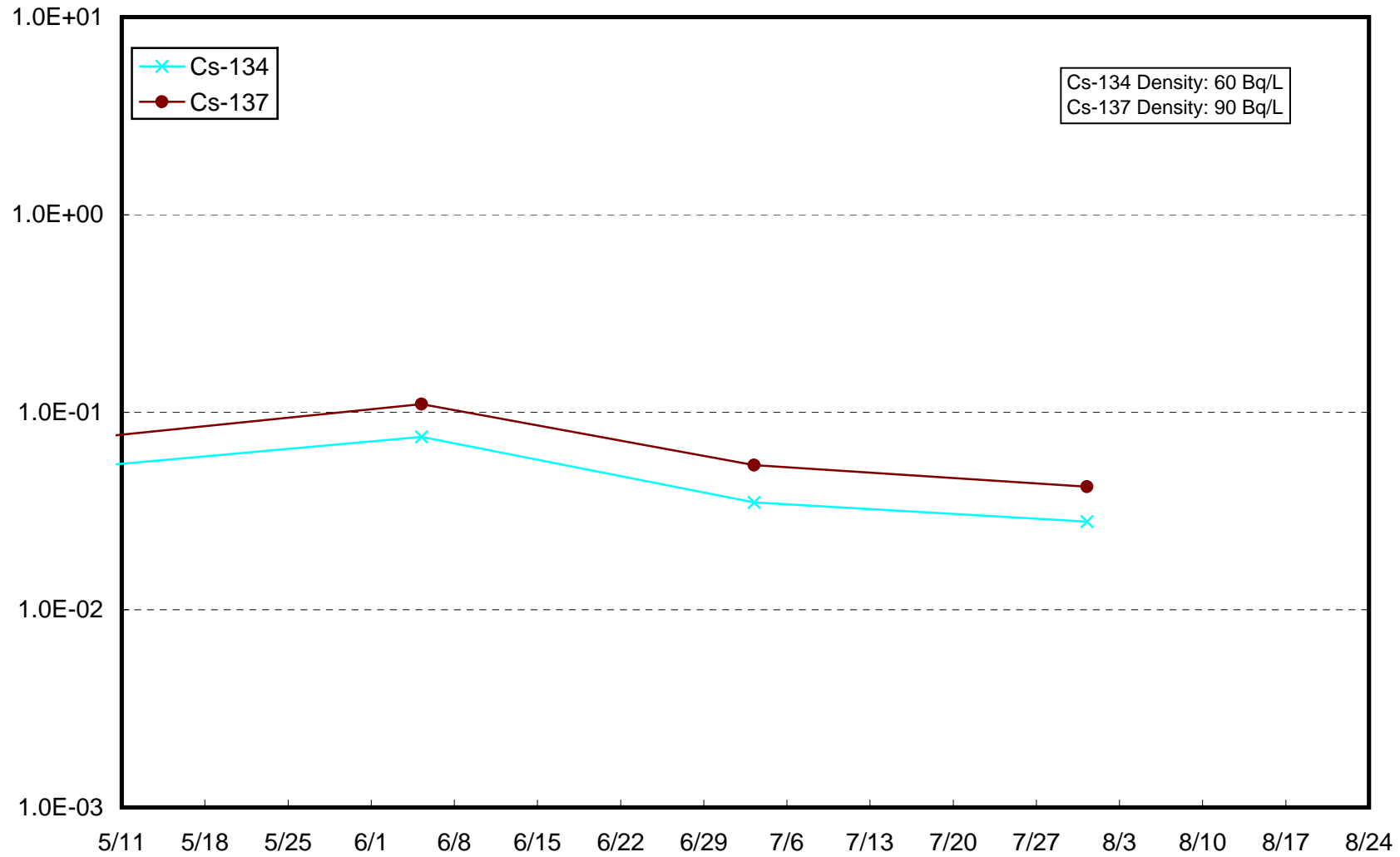
Radioactivity Density of the Seawater at 5km Offshore of Kashima (T-MA) Upper Layer (Bq/L)



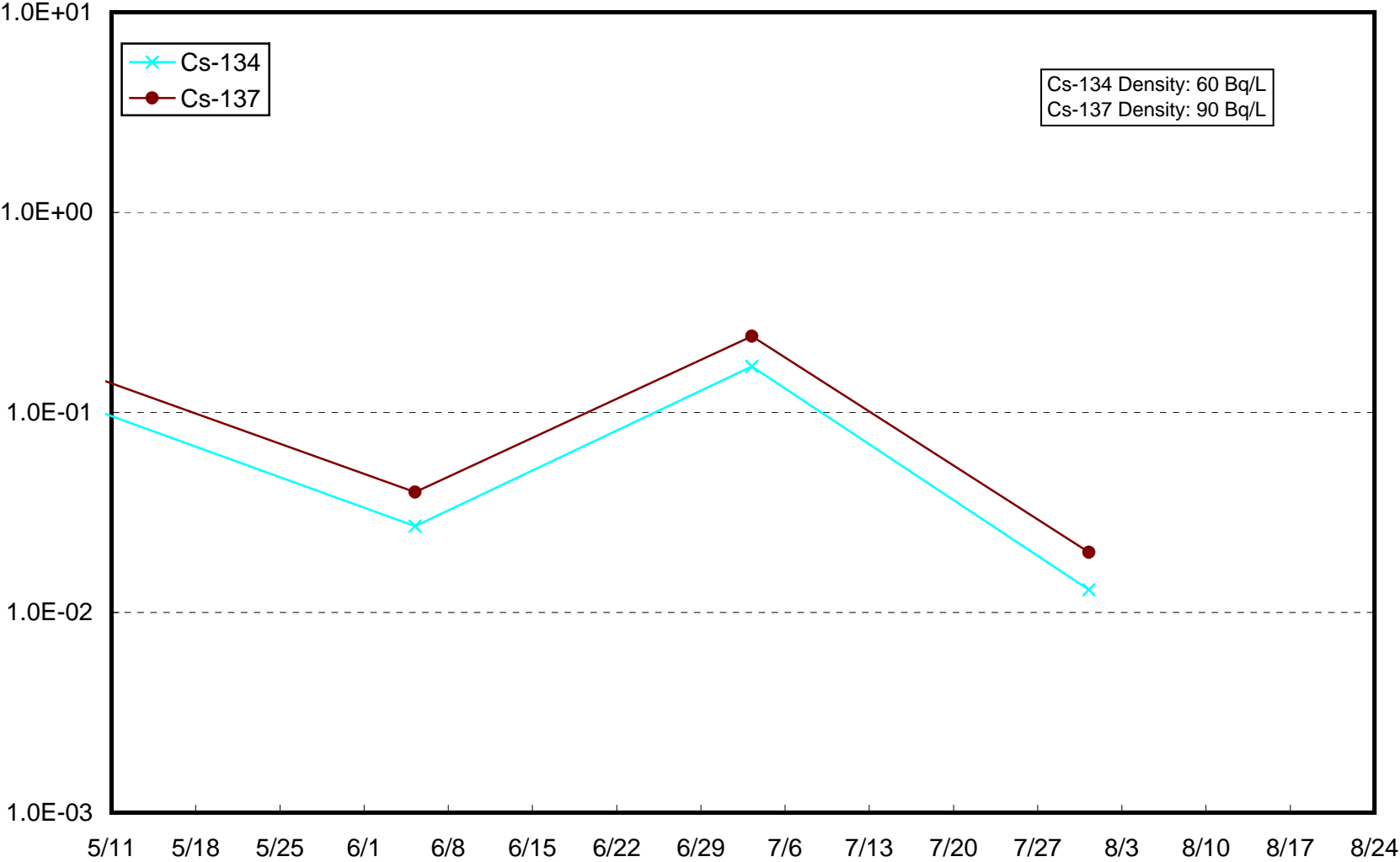
Radioactivity Density of the Seawater at 5km Offshore of Kashima (T-MA) Lower Layer (Bq/L)



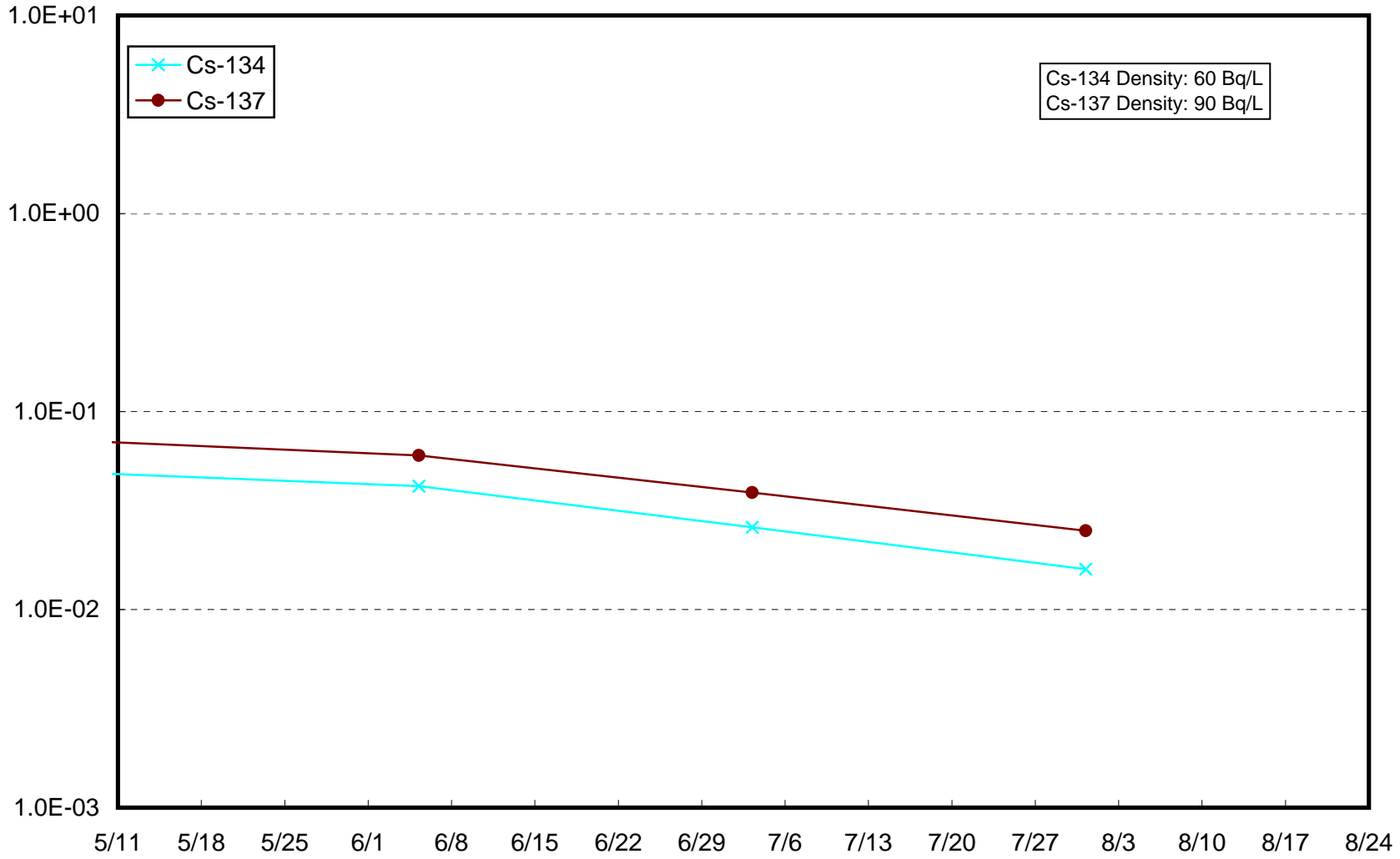
Radioactivity Density of the Seawater Around 1km Offshore of Ota River (T-S1) Upper Layer (Bq/L)



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)

