Reference

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

(Data summarized on December 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 (Appox. 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.) |
|---|---|---|---|---|---|
| Time of Sampling | Dec 12, 2013 7:30 AM | | Dec 12, 2013 6:19 AM | | |
| 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 | - | ND | - | 40 |
| Cs-134 (Approx. 2 years) | ND | - | ND | - | 60 |
| Cs-137 (Approx. 30 years) | ND | - | ND | - | 90 |

* The density specified by the Reactor Regulation is converted from $Bq/cm^3$ 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. 0.70Bq/L, Cs-134: Approx. 0.99Bq/L, Cs-137: Approx. 0.81Bq/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 of Miyagi prefecture 1/6>

(Data summarized on December 13)

| Place of Sampling (Place No.) | Offshore of Minamisanriku (T-MG0) *1 | | | | | | Offshore of Minamisanriku (T-MG0) *2 | | | | | | 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 | | Middle Layer | | Lower Layer | | Upper Layer | | Middle Layer | | Lower Layer | | |
| Time of Sampling | Sep 6, 2013 9:18 AM | | Sep 6, 2013 9:41 AM | | Sep 6, 2013 9:27 AM | | Sep 19, 2013 8:57 AM | | Sep 19, 2013 9:35 AM | | Sep 19, 2013 9:22 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) | ND | - | ND | - | ND | - | ND | - | ND | - | ND | - | 60 |
| Cs-137 (Approx. 30 years) | 0.0016 | 0.00 | 0.0010 | 0.00 | 0.0025 | 0.00 | 0.0022 | 0.00 | 0.0019 | 0.00 | 0.0019 | 0.00 | 90 |

| Place of Sampling (Place No.) | Offshore of Minamisanriku (T-MG0) *1 | | | | | | Ishinomaki Bay (T-MG1) *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 | | Middle Layer | | Lower Layer | | Upper Layer | | Middle Layer | | Lower Layer | | |
| Time of Sampling | Oct 4, 2013 8:56 AM | | Oct 4, 2013 9:27 AM | | Oct 4, 2013 9:03 AM | | Sep 6, 2013 10:28 AM | | Sep 6, 2013 10:24 AM | | Sep 6, 2013 10:20 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) | ND | - | ND | - | ND | - | 0.0018 | 0.00 | ND | - | ND | - | 60 |
| Cs-137 (Approx. 30 years) | 0.0020 | 0.00 | 0.0018 | 0.00 | 0.0017 | 0.00 | 0.0058 | 0.00 | 0.0022 | 0.00 | 0.0023 | 0.00 | 90 |

* The density specified by the Reactor Regulation is converted from Bq/cm $^3$ 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.0.0016Bq/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. (Since the announcement on June 15, 2012.)

* Analyzed by: *1 THE GENERAL ENVIRONMENTAL TECHNOS Co., LTD., *2 Japan Chemical Analysis Center

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

(Data summarized on December 13)

| Place of Sampling (Place No.) | Ishinomaki Bay (T-MG1) *2 | | | | | | Ishinomaki Bay (T-MG1) *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 | | Middle Layer | | Lower Layer | | Upper Layer | | Middle Layer | | Lower Layer | | |
| Time of Sampling | Sep 18, 2013 10:18 AM | | Sep 18, 2013 10:14 AM | | Sep 18, 2013 10:11 AM | | Oct 4, 2013 10:20 AM | | Oct 4, 2013 10:16 AM | | Oct 4, 2013 10:12 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) | 0.0044 | 0.00 | 0.0061 | 0.00 | 0.0029 | 0.00 | 0.0034 | 0.00 | 0.0017 | 0.00 | 0.0044 | 0.00 | 60 |
| Cs-137 (Approx. 30 years) | 0.0075 | 0.00 | 0.015 | 0.00 | 0.0083 | 0.00 | 0.0069 | 0.00 | 0.0066 | 0.00 | 0.011 | 0.00 | 90 |

| Place of Sampling (Place No.) | Offshore of Kinkasan East (T-MG2) *1 | | | | | | Offshore of Kinkasan East (T-MG2) *2 | | | | | | 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 | | Middle Layer | | Lower Layer | | Upper Layer | | Middle Layer | | Lower Layer | | |
| Time of Sampling | Sep 6, 2013 7:51 AM | | Sep 6, 2013 8:15 AM | | Sep 6, 2013 7:55 AM | | Sep 18, 2013 7:38 AM | | Sep 18, 2013 8:01 AM | | Sep 18, 2013 7:44 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) | ND | - | ND | - | ND | - | ND | - | ND | - | ND | - | 60 |
| Cs-137 (Approx. 30 years) | 0.0028 | 0.00 | 0.0013 | 0.00 | 0.0018 | 0.00 | 0.0037 | 0.00 | 0.0023 | 0.00 | 0.0020 | 0.00 | 90 |

* The density specified by the Reactor Regulation is converted from Bq/cm $^3$ 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.0.0019Bq/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. (Since the announcement on June 15, 2012.)

* Analyzed by: *1 THE GENERAL ENVIRONMENTAL TECHNOS Co., LTD., *2 Japan Chemical Analysis Center

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

(Data summarized on December 13)

| Place of Sampling (Place No.) | Offshore of Kinkasan East (T-MG2) *1 | | | | | | Offshore of Kinkasan South (T-MG3) *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 | | Middle Layer | | Lower Layer | | Upper Layer | | Middle Layer | | Lower Layer | | |
| Time of Sampling | Oct 4, 2013 7:47 AM | | Oct 4, 2013 8:09 AM | | Oct 4, 2013 7:51 AM | | Sep 6, 2013 9:04 AM | | Sep 6, 2013 9:11 AM | | Sep 6, 2013 8:59 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) | ND | - | ND | - | ND | - | ND | - | ND | - | ND | - | 60 |
| Cs-137 (Approx. 30 years) | 0.0026 | 0.00 | 0.0022 | 0.00 | 0.0018 | 0.00 | 0.0016 | 0.00 | 0.0017 | 0.00 | 0.0019 | 0.00 | 90 |

| Place of Sampling (Place No.) | Offshore of Kinkasan South (T-MG3) *2 | | | | | | Offshore of Kinkasan South (T-MG3) *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 | | Middle Layer | | Lower Layer | | Upper Layer | | Middle Layer | | Lower Layer | | |
| Time of Sampling | Sep 18, 2013 8:42 AM | | Sep 18, 2013 9:02 AM | | Sep 18, 2013 8:47 AM | | Oct 4, 2013 8:49 AM | | Oct 4, 2013 9:02 AM | | Oct 4, 2013 8:51 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) | ND | - | ND | - | ND | - | ND | - | ND | - | ND | - | 60 |
| Cs-137 (Approx. 30 years) | 0.0028 | 0.00 | 0.0023 | 0.00 | 0.0019 | 0.00 | 0.0021 | 0.00 | 0.0018 | 0.00 | 0.0018 | 0.00 | 90 |

* The density specified by the Reactor Regulation is converted from Bq/cm $^3$ 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.0.0018Bq/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. (Since the announcement on June 15, 2012.)

* Analyzed by: *1 THE GENERAL ENVIRONMENTAL TECHNOS Co., LTD., *2 Japan Chemical Analysis Center

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

(Data summarized on December 13)

| Place of Sampling (Place No.) | Offshore of Shichigahama (T-MG4) *1 | | | | | | Offshore of Shichigahama (T-MG4) *2 | | | | | | 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 | | Middle Layer | | Lower Layer | | Upper Layer | | Middle Layer | | Lower Layer | | |
| Time of Sampling | Sep 6, 2013 9:48 AM | | Sep 6, 2013 9:50 AM | | Sep 6, 2013 9:42 AM | | Sep 18, 2013 9:35 AM | | Sep 18, 2013 9:38 AM | | Sep 18, 2013 9:32 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) | ND | - | ND | - | ND | - | ND | - | 0.0024 | 0.00 | 0.0027 | 0.00 | 60 |
| Cs-137 (Approx. 30 years) | 0.0045 | 0.00 | 0.0048 | 0.00 | 0.0037 | 0.00 | 0.0063 | 0.00 | 0.0055 | 0.00 | 0.0071 | 0.00 | 90 |

| Place of Sampling (Place No.) | Offshore of Shichigahama (T-MG4) *1 | | | | | | Central Area of Sendai Bay (T-MG5) *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 | | Middle Layer | | Lower Layer | | Upper Layer | | Middle Layer | | Lower Layer | | |
| Time of Sampling | Oct 4, 2013 9:43 AM | | Oct 4, 2013 9:48 AM | | Oct 4, 2013 9:36 AM | | Sep 6, 2013 9:00 AM | | Sep 6, 2013 9:03 AM | | Sep 6, 2013 8:55 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 | 0.0029 | 0.00 | 0.0044 | 0.00 | ND | - | ND | - | ND | - | 60 |
| Cs-137 (Approx. 30 years) | 0.0081 | 0.00 | 0.0076 | 0.00 | 0.013 | 0.00 | 0.0025 | 0.00 | 0.0021 | 0.00 | 0.0028 | 0.00 | 90 |

* The density specified by the Reactor Regulation is converted from Bq/cm $^3$ 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.0.0018Bq/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. (Since the announcement on June 15, 2012.)

* Analyzed by: *1 THE GENERAL ENVIRONMENTAL TECHNOS Co., LTD., *2 Japan Chemical Analysis Center

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

(Data summarized on December 13)

| Place of Sampling (Place No.) | Central Area of Sendai Bay (T-MG5) *2 | | | | | | Central Area of Sendai Bay (T-MG5) *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 | | Middle Layer | | Lower Layer | | Upper Layer | | Middle Layer | | Lower Layer | | |
| Time of Sampling | Sep 18, 2013 8:48 AM | | Sep 18, 2013 8:50 AM | | Sep 18, 2013 8:45 AM | | Oct 4, 2013 8:42 AM | | Oct 4, 2013 8:55 AM | | Oct 4, 2013 8:46 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) | 0.0046 | 0.00 | ND | - | ND | - | ND | - | 0.0018 | 0.00 | 0.0022 | 0.00 | 60 |
| Cs-137 (Approx. 30 years) | 0.0092 | 0.00 | 0.0032 | 0.00 | 0.0029 | 0.00 | 0.0038 | 0.00 | 0.0044 | 0.00 | 0.0067 | 0.00 | 90 |

| Place of Sampling (Place No.) | Offshore of Abukuma River (T-MG6) *1 | | | | | | Offshore of Abukuma River (T-MG6) *2 | | | | | | 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 | | Middle Layer | | Lower Layer | | Upper Layer | | Middle Layer | | Lower Layer | | |
| Time of Sampling | Sep 6, 2013 10:46 AM | | Sep 6, 2013 10:48 AM | | Sep 6, 2013 10:43 AM | | Sep 18, 2013 10:45 AM | | Sep 18, 2013 10:48 AM | | Sep 18, 2013 10:42 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) | 0.0020 | 0.00 | ND | - | ND | - | 0.013 | 0.00 | 0.0024 | 0.00 | 0.010 | 0.00 | 60 |
| Cs-137 (Approx. 30 years) | 0.0030 | 0.00 | 0.0031 | 0.00 | 0.0029 | 0.00 | 0.025 | 0.00 | 0.0076 | 0.00 | 0.024 | 0.00 | 90 |

* The density specified by the Reactor Regulation is converted from Bq/cm $^3$ 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.0.0018Bq/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. (Since the announcement on June 15, 2012.)

* Analyzed by: *1 THE GENERAL ENVIRONMENTAL TECHNOS Co., LTD., *2 Japan Chemical Analysis Center

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

(Data summarized on December 13)

| Place of Sampling (Place No.) | Offshore of Abukuma River (T-MG6) | | | | | | | | | | | | 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 | | Middle Layer | | Lower Layer | | Upper Layer | | Middle Layer | | Lower Layer | | |
| Time of Sampling | Oct 4, 2013 10:36 AM | | Oct 4, 2013 10:41 AM | | Oct 4, 2013 10:30 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) | ND | - | ND | - | 0.0020 | 0.00 | | | | | | | 60 |
| Cs-137 (Approx. 30 years) | 0.0047 | 0.00 | 0.0046 | 0.00 | 0.0038 | 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 | | Middle Layer | | Lower Layer | | Upper Layer | | Middle 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/cm$^3$ to Bq/L.

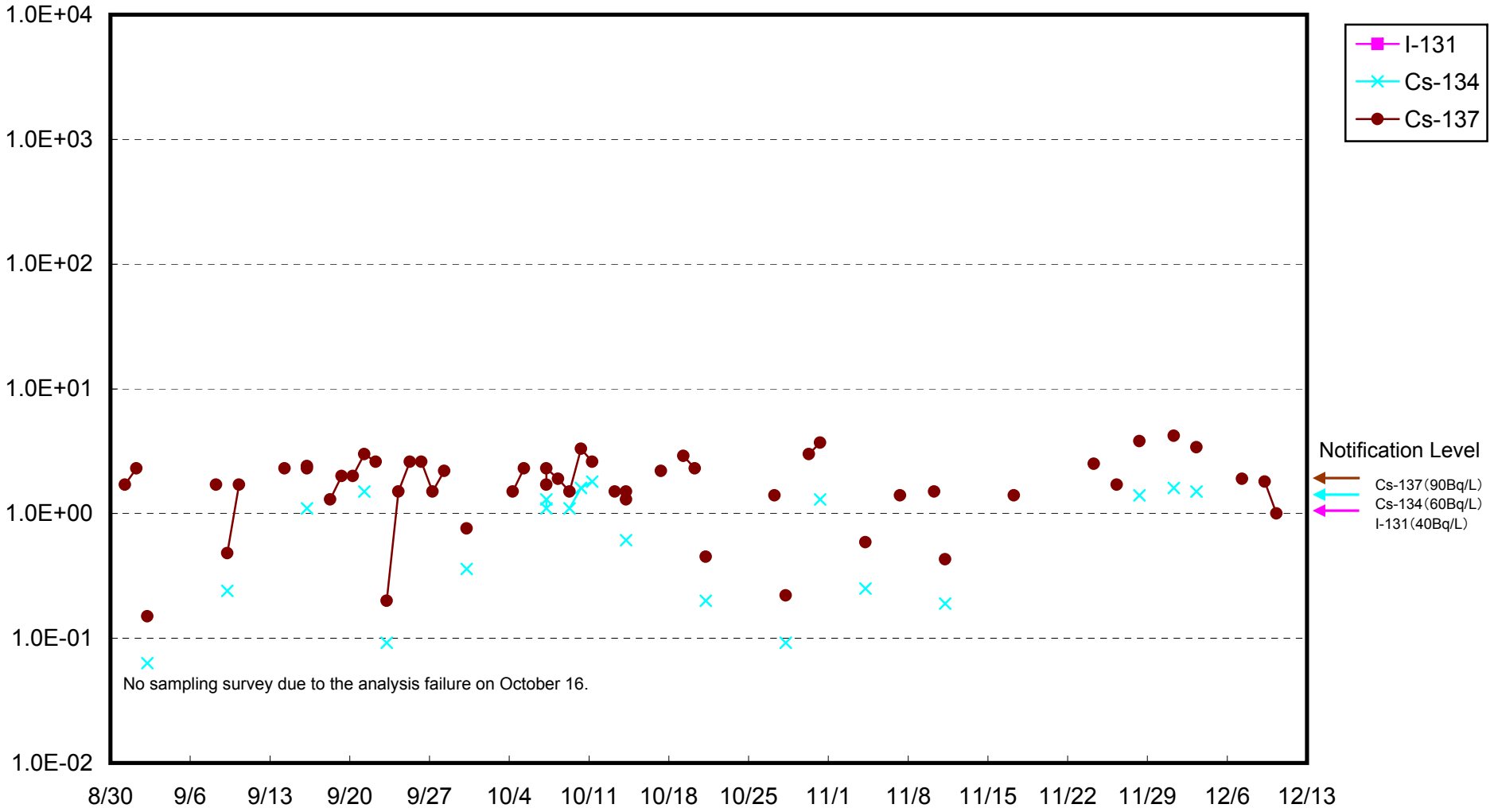
* In the case of more than 2 nuclides, the sum of scaling factors to density limits is compared to 1.

* "ND" indicates that the measurement result is below the detection limit.
Cs-134: Approx.0.0017Bq/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.

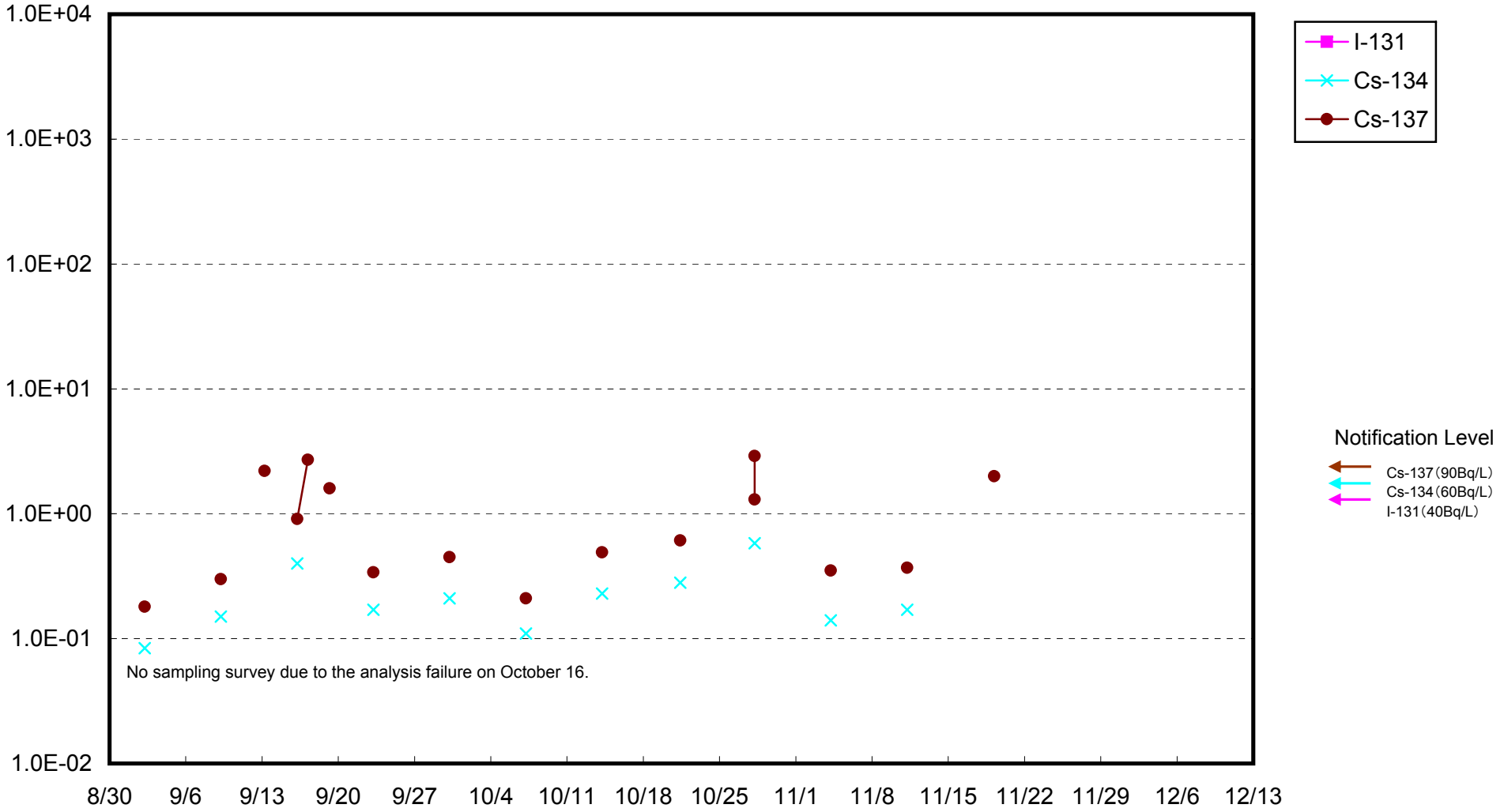
* Analysis results by detail analysis (Phosphomolybdic acid ammonium adsorption sampling method) are noted. (Since the announcement on June 15, 2012.)

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

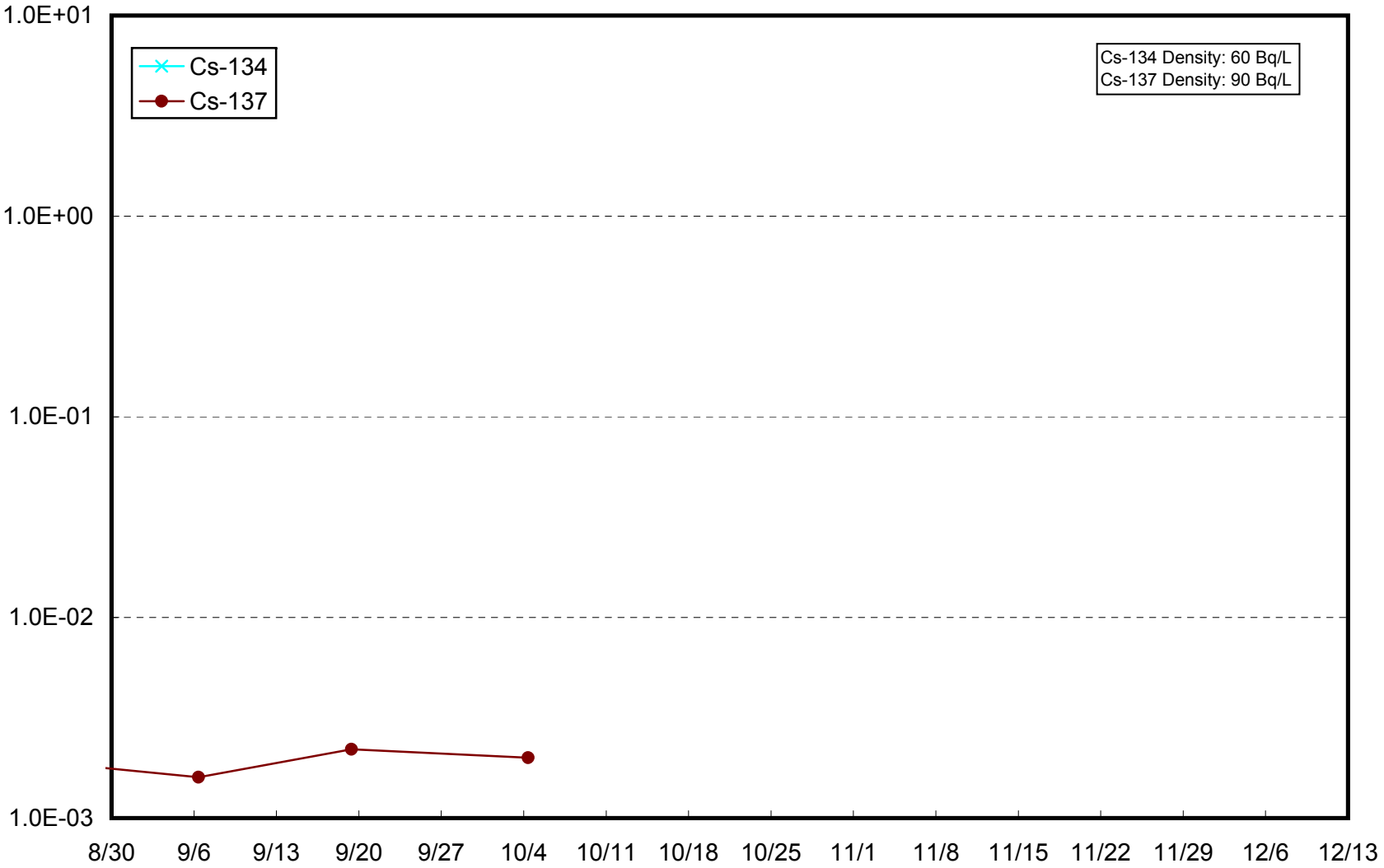
Radioactivity Density of the Seawater at 1F Units 5-6 North Discharge Channel (Bq/L)



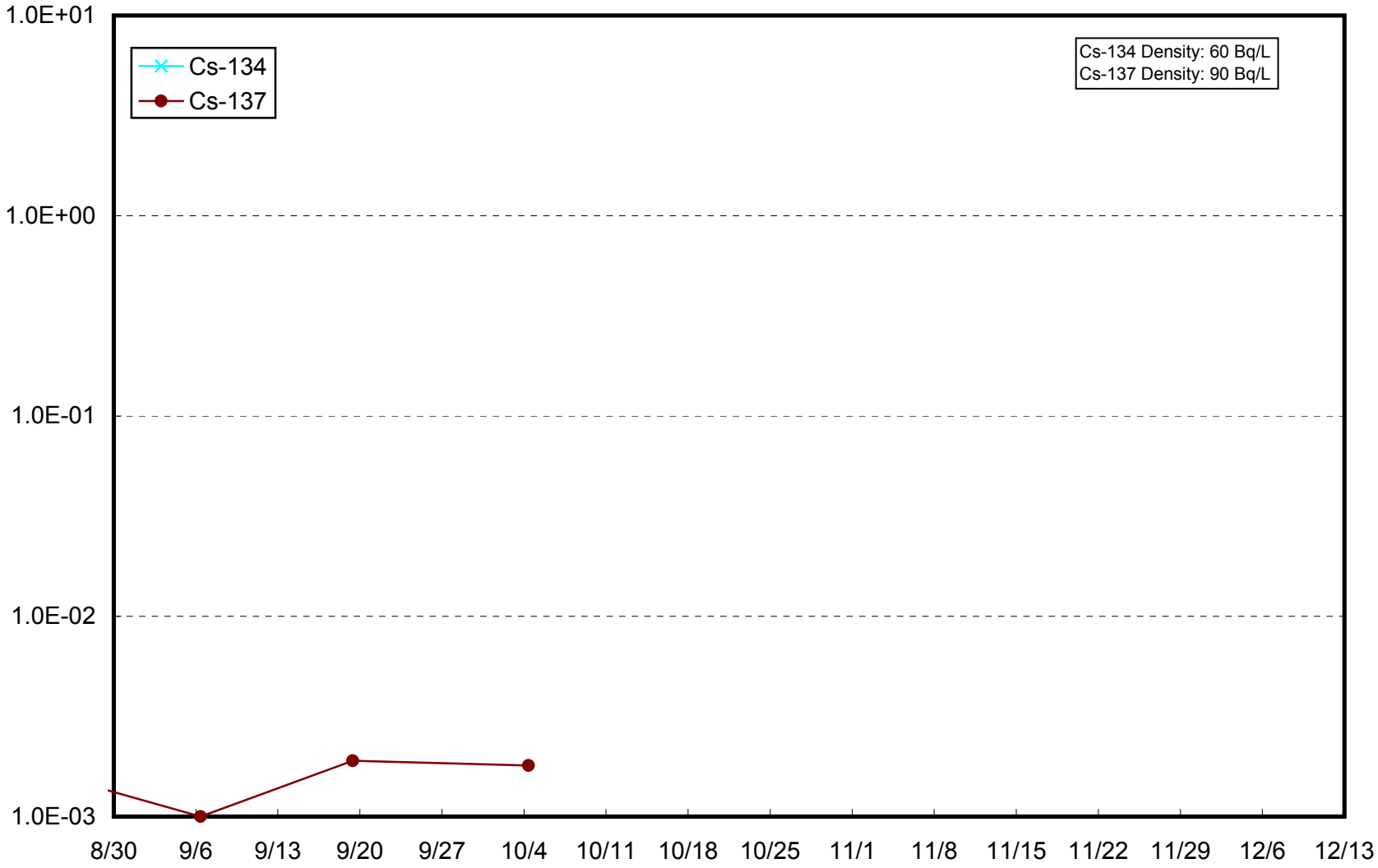
Radioactivity Density of the Seawater at 1F South Discharge Channel (Bq/L)



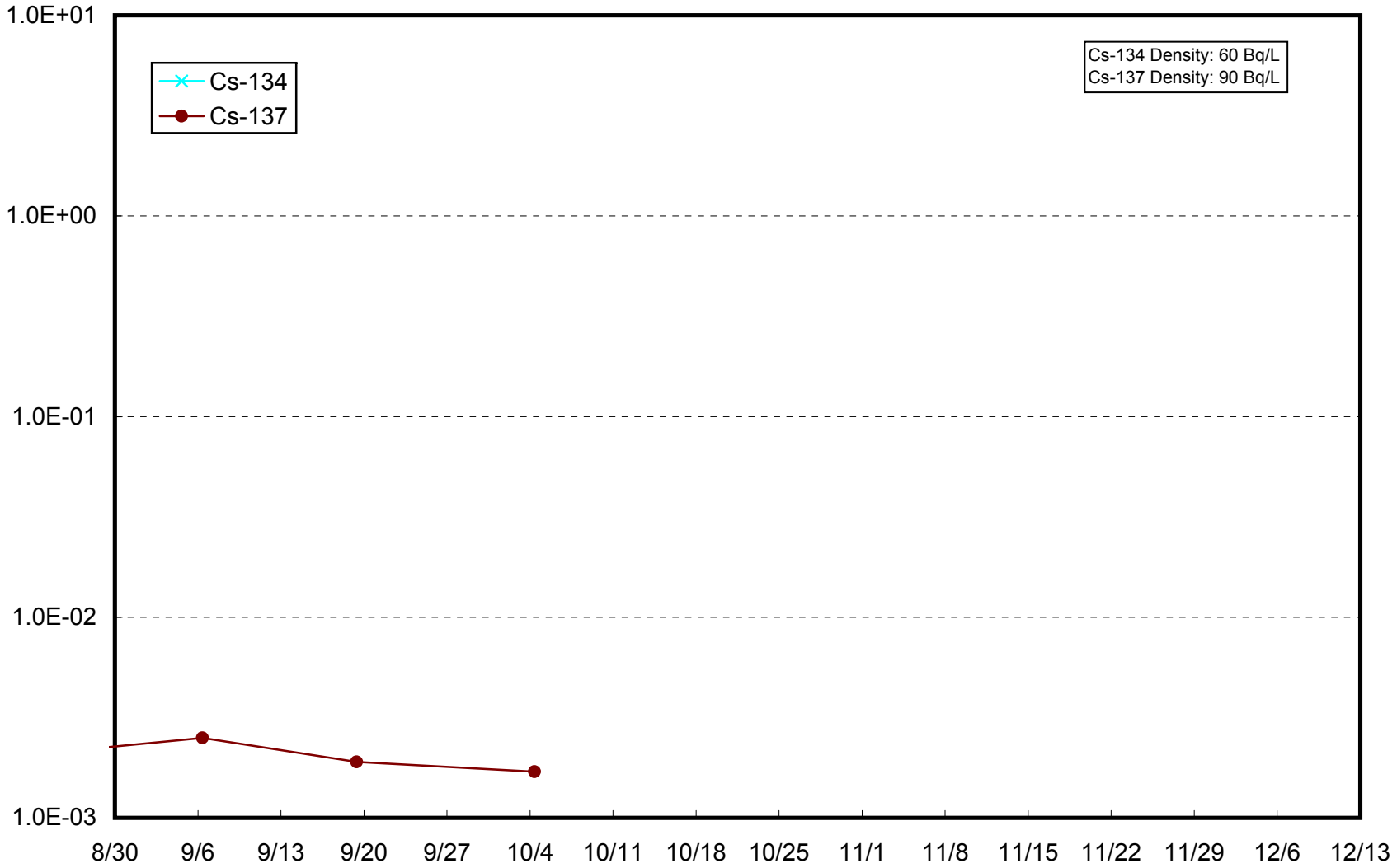
Radioactivity Density of the Seawater at Offshore of Minamisanriku (T-MG0) Upper Layer (Bq/L)



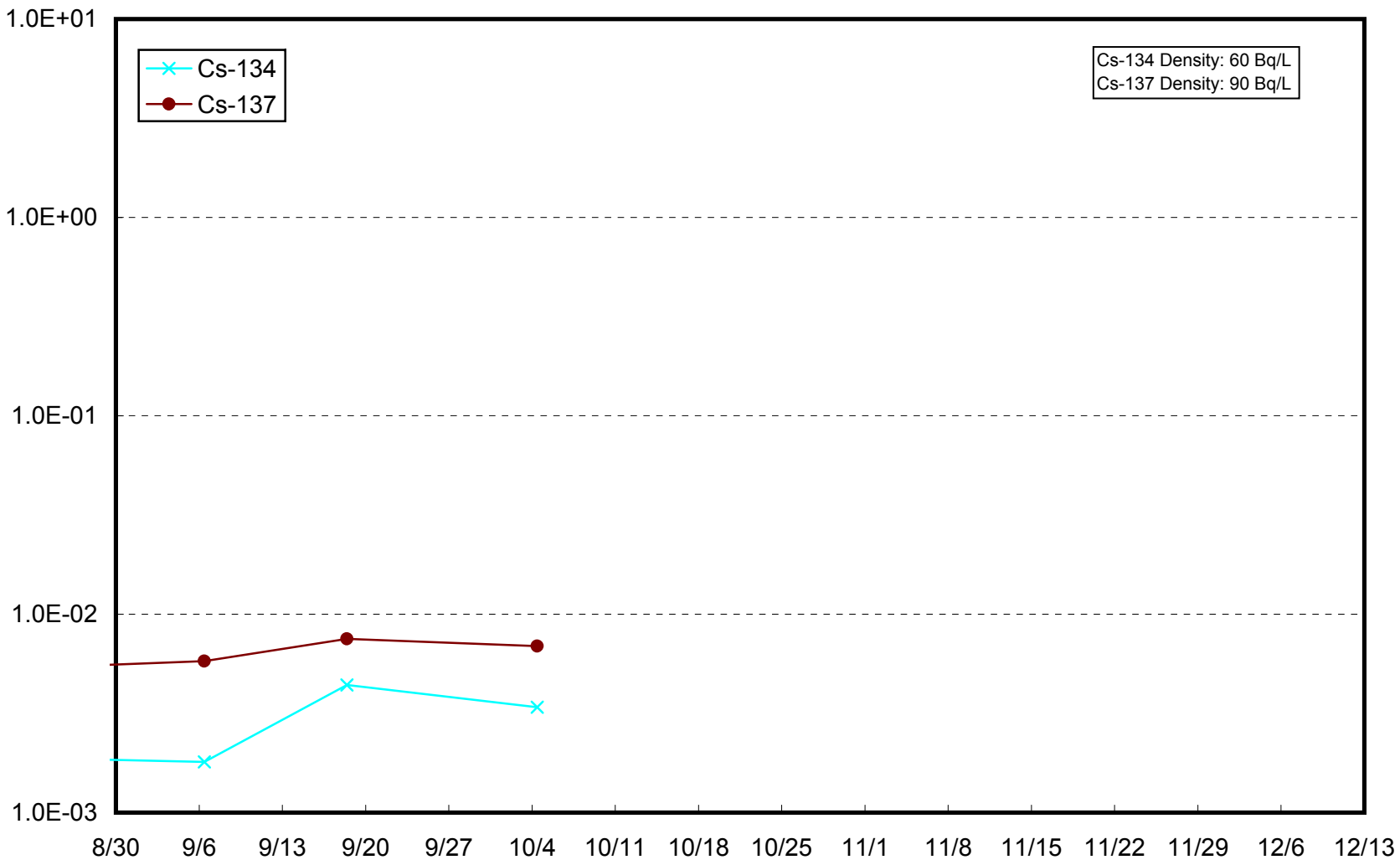
Radioactivity Density of the Seawater at Offshore of Minamisanriku (T-MG0) Middle Layer (Bq/L)



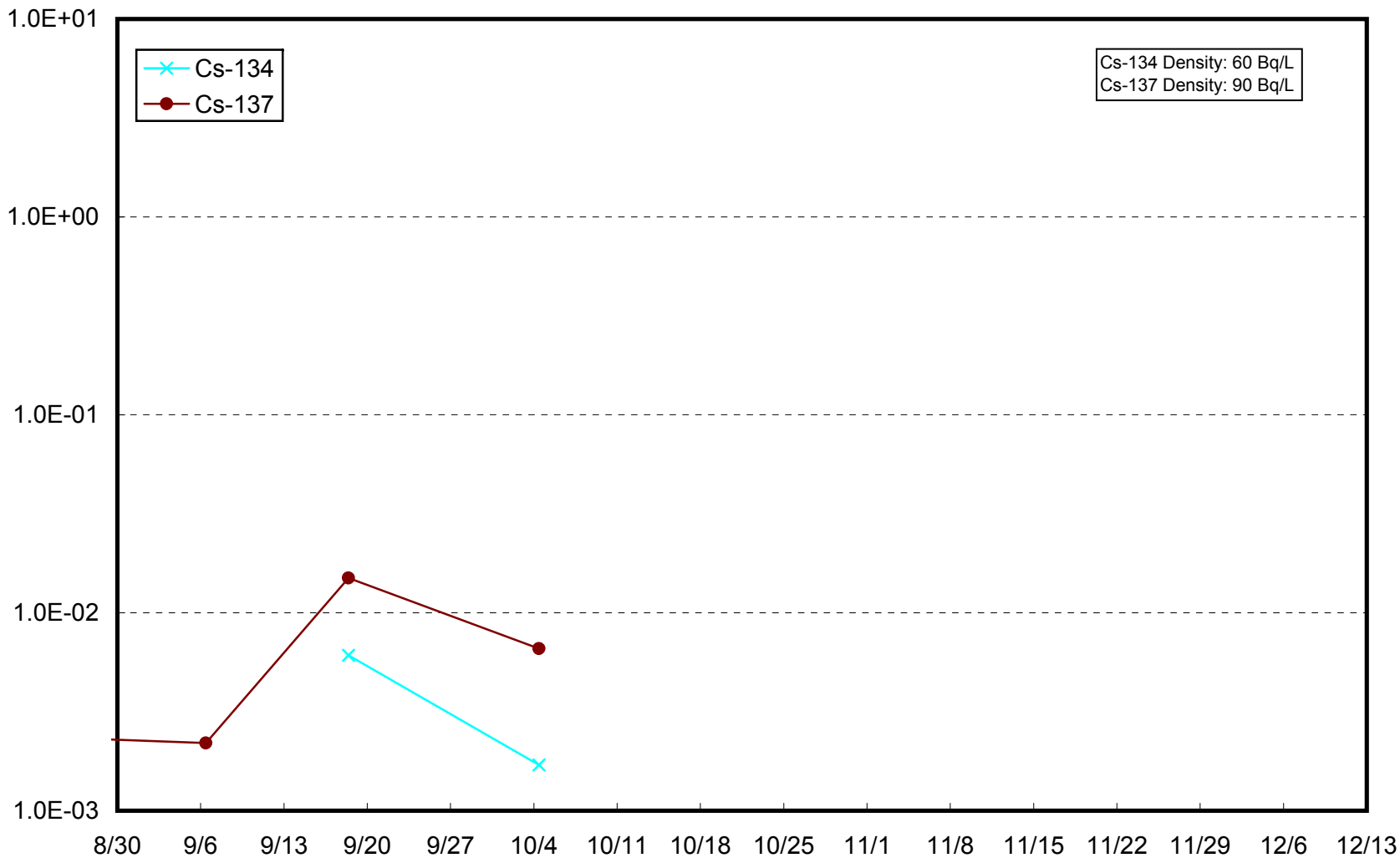
Radioactivity Density of the Seawater at Offshore of Minamisanriku (T-MG0) Lower Layer (Bq/L)



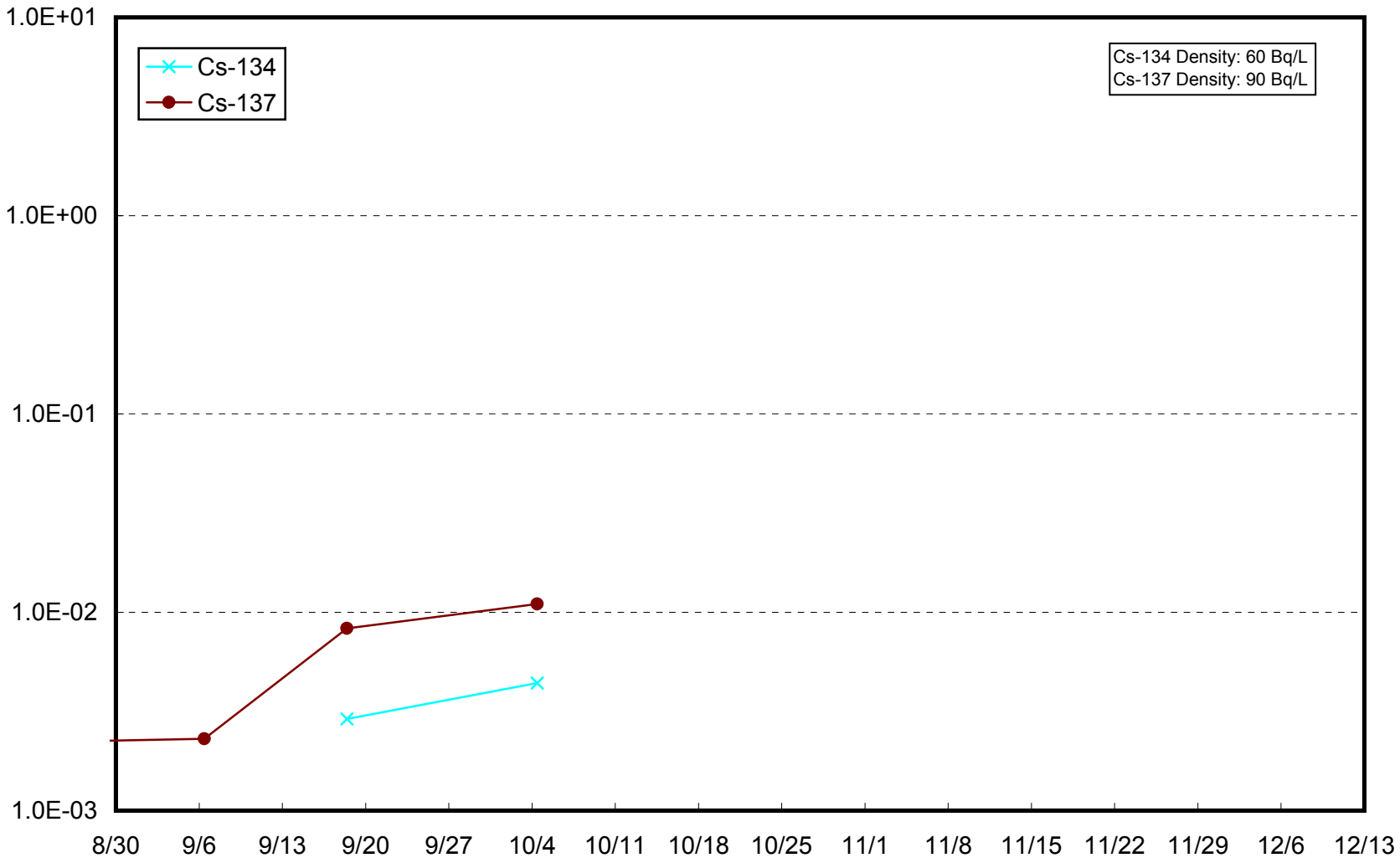
Radioactivity Density of the Seawater in Ishinomaki Bay (T-MG1) Upper Layer (Bq/L)



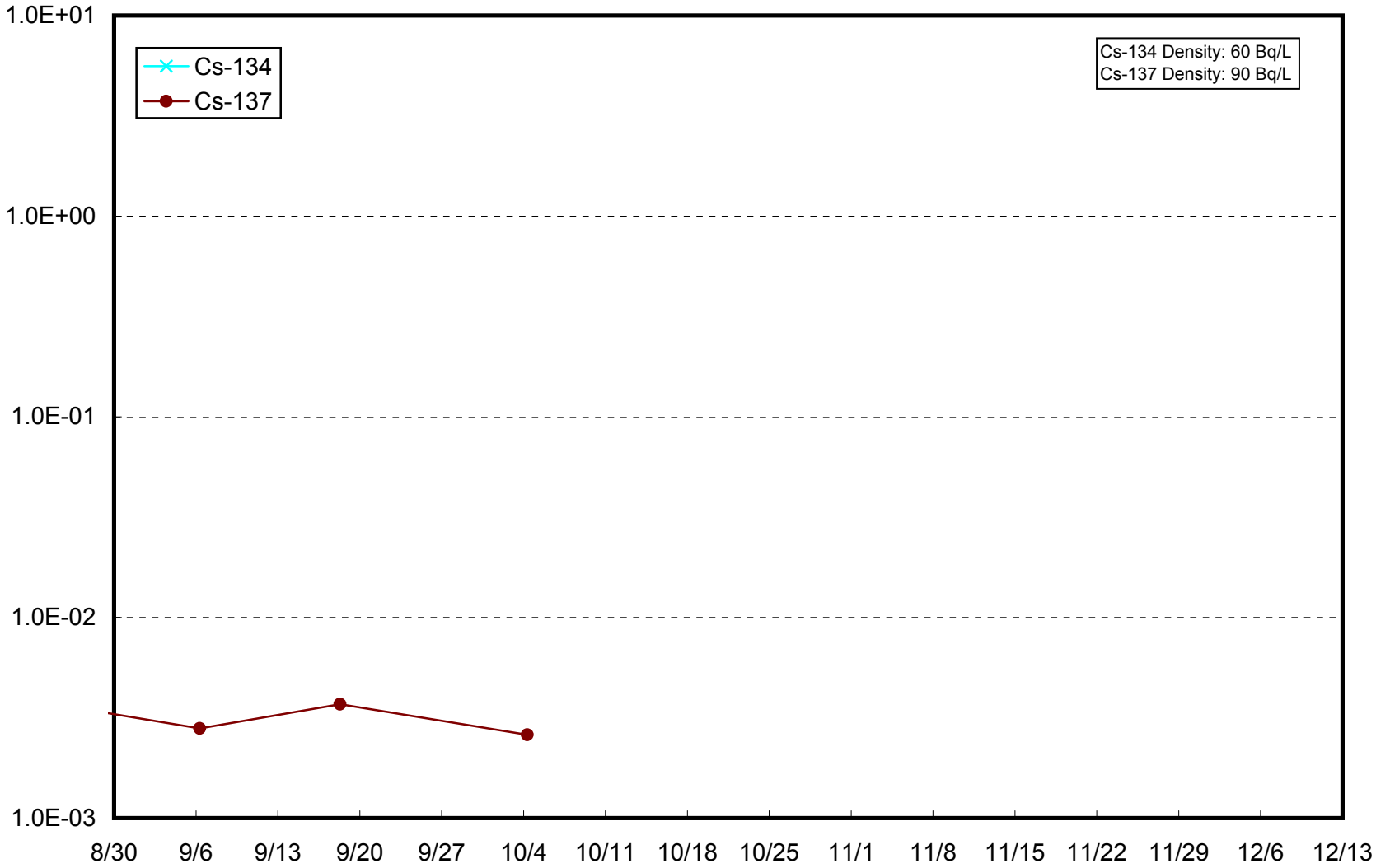
Radioactivity Density of the Seawater in Ishinomaki Bay (T-MG1) Middle Layer (Bq/L)



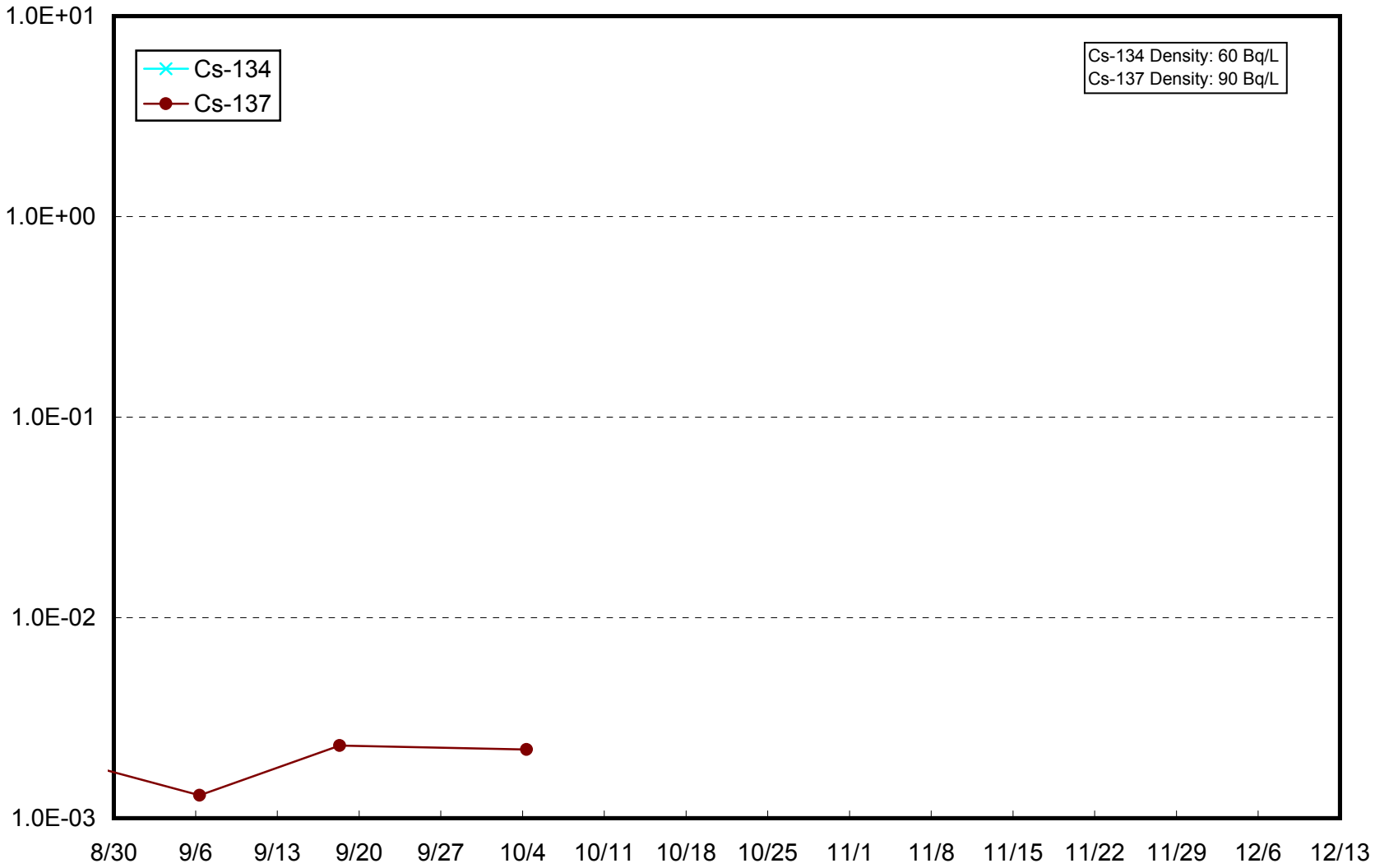
Radioactivity Density of the Seawater in Ishinomaki Bay (T-MG1) Lower Layer (Bq/L)



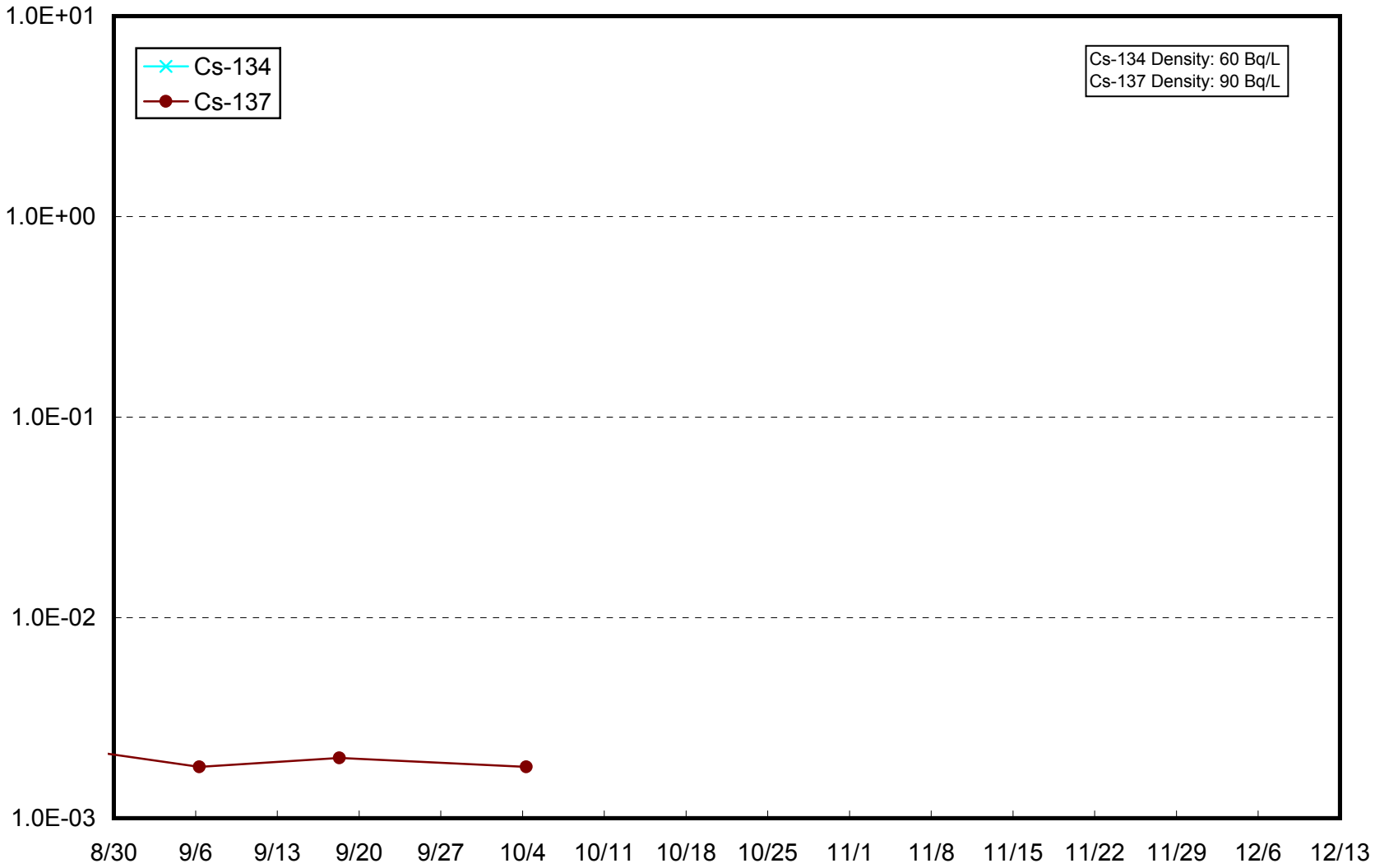
Radioactivity Density of the Seawater at Offshore of Kinkasan East (T-MG2) Upper Layer (Bq/L)



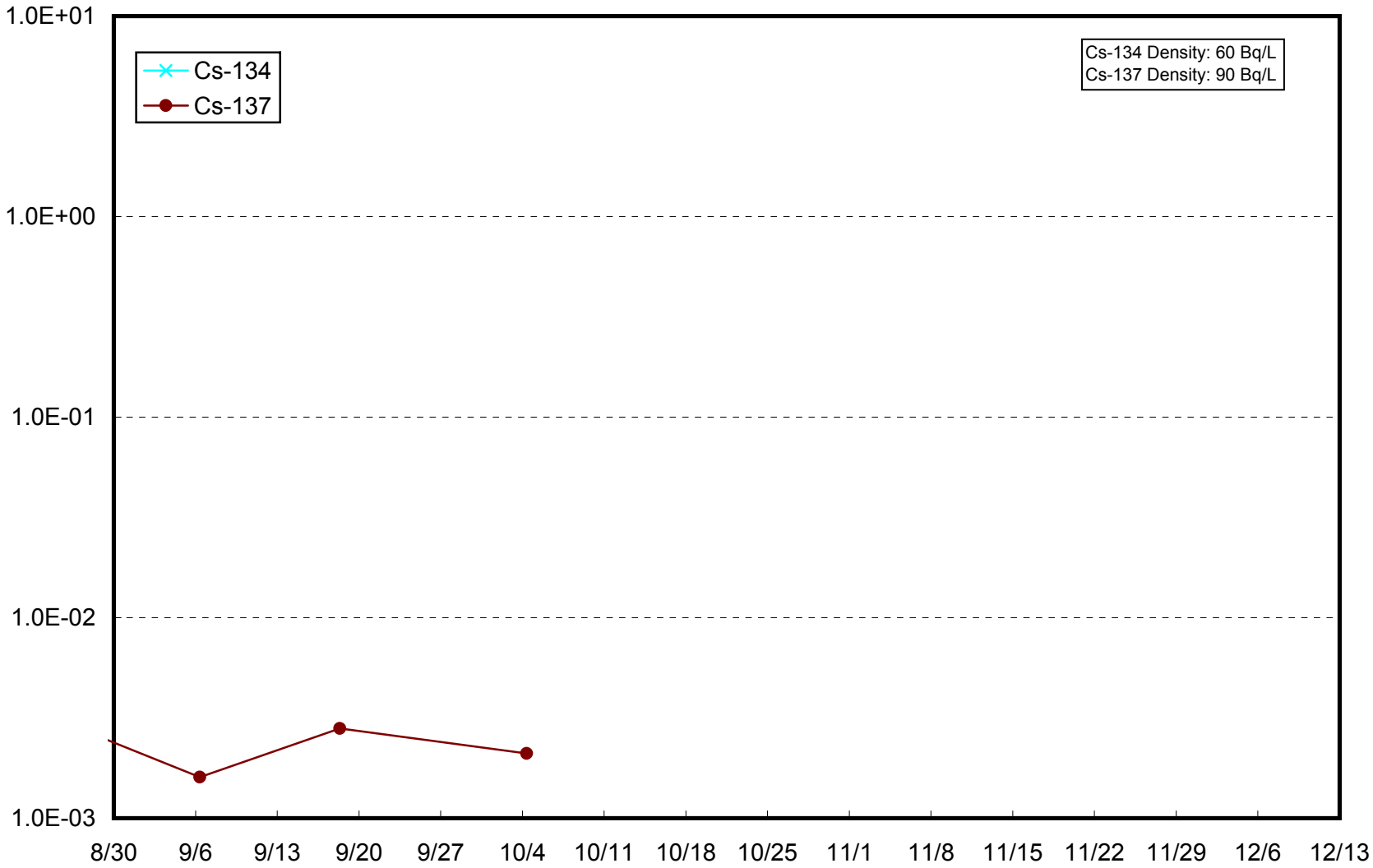
Radioactivity Density of the Seawater at Offshore of Kinkasan East (T-MG2) Middle Layer (Bq/L)



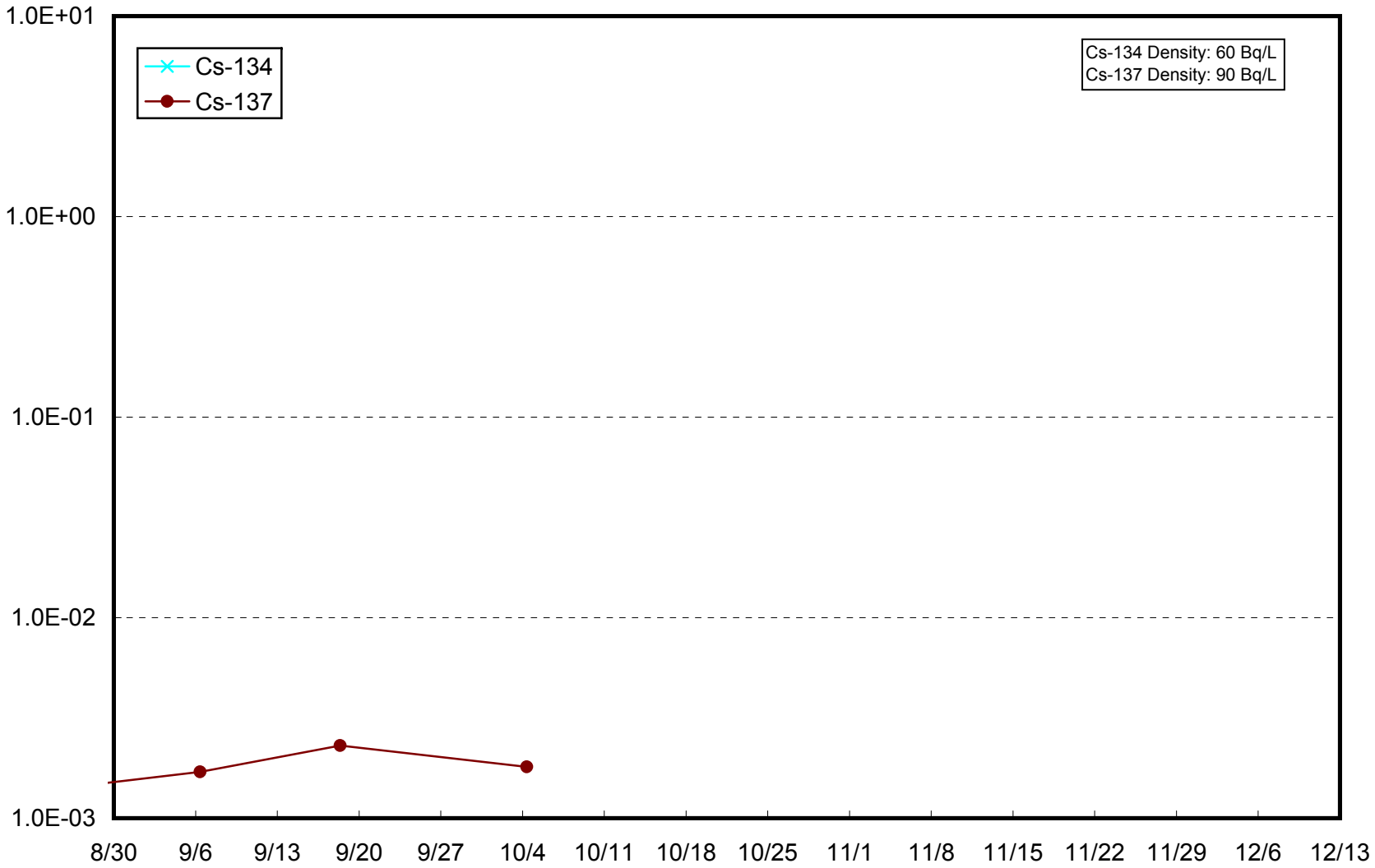
Radioactivity Density of the Seawater at Offshore of Kinkasan East (T-MG2) Lower Layer (Bq/L)



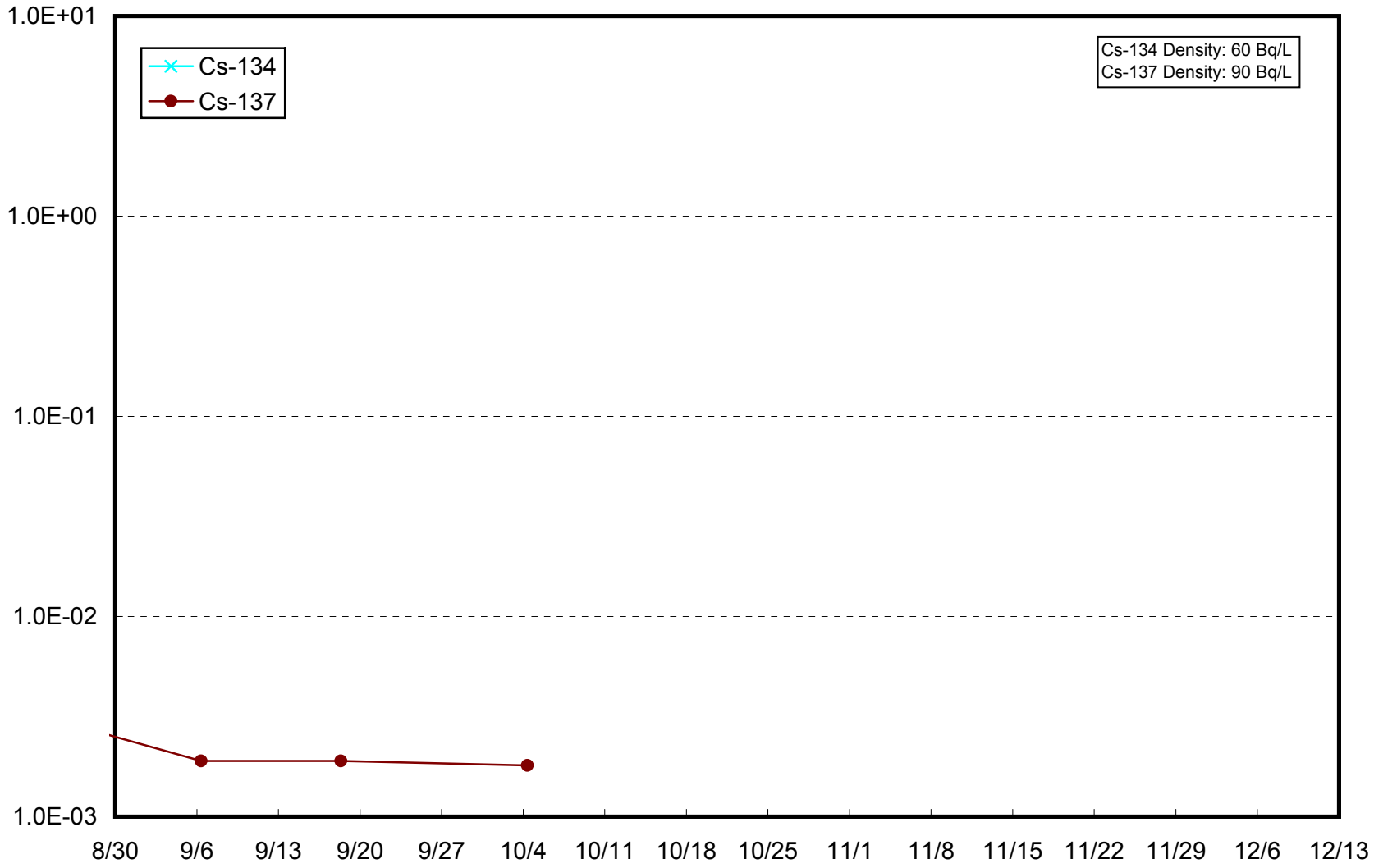
Radioactivity Density of the Seawater at Offshore of Kinkasan South (T-MG3) Upper Layer (Bq/L)



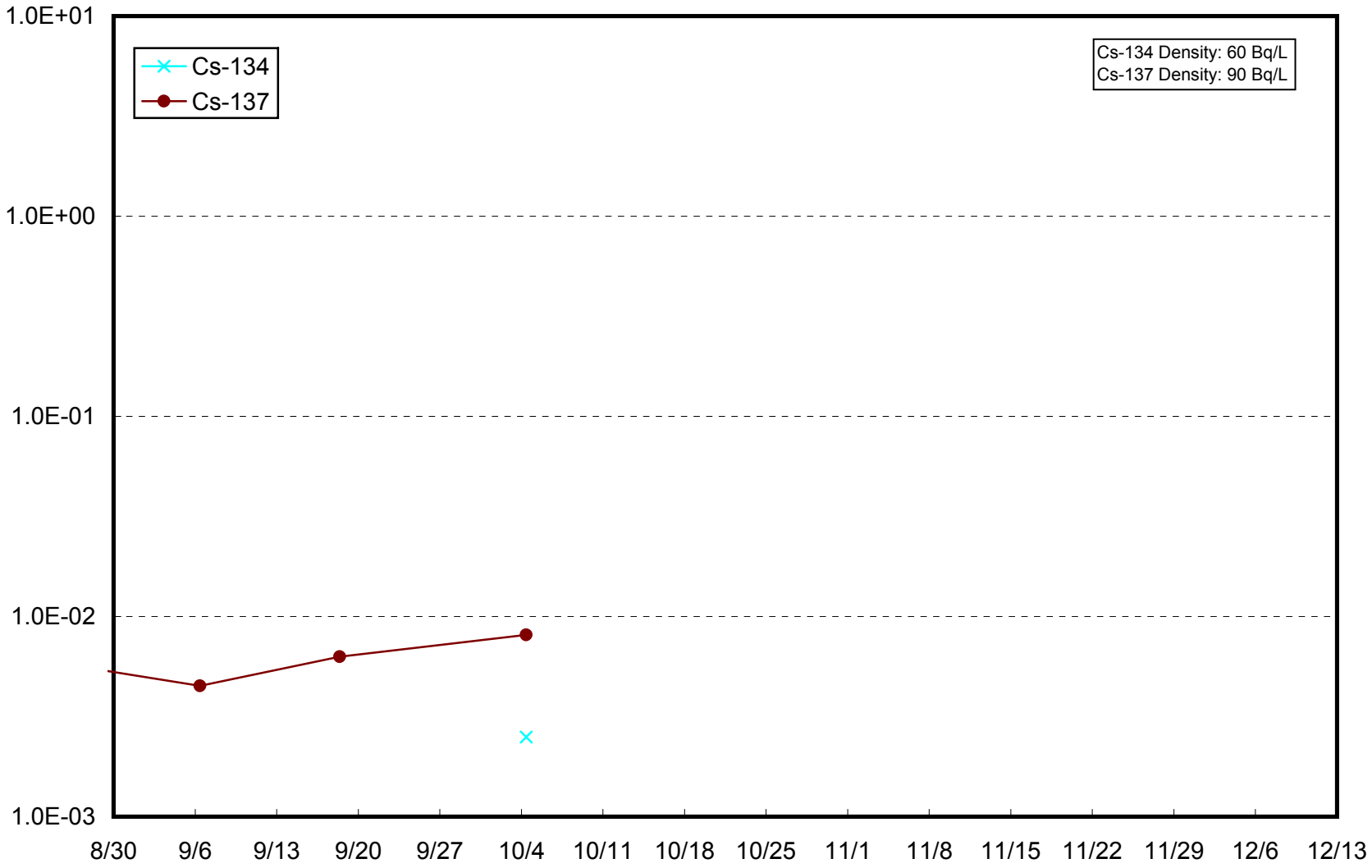
Radioactivity Density of the Seawater at Offshore of Kinkasan South (T-MG3) Middle Layer (Bq/L)



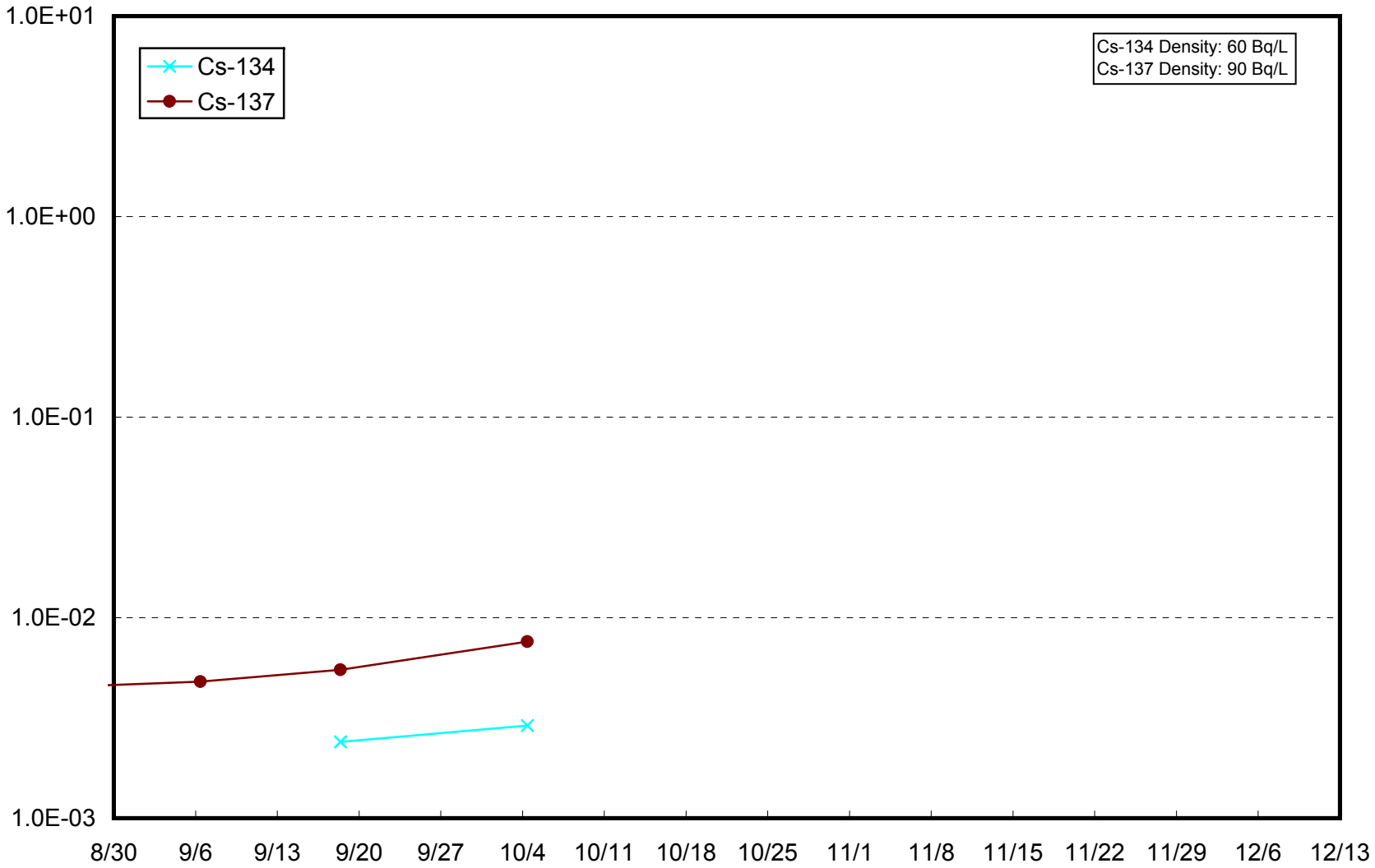
Radioactivity Density of the Seawater at Offshore of Kinkasan South (T-MG3) Lower Layer (Bq/L)



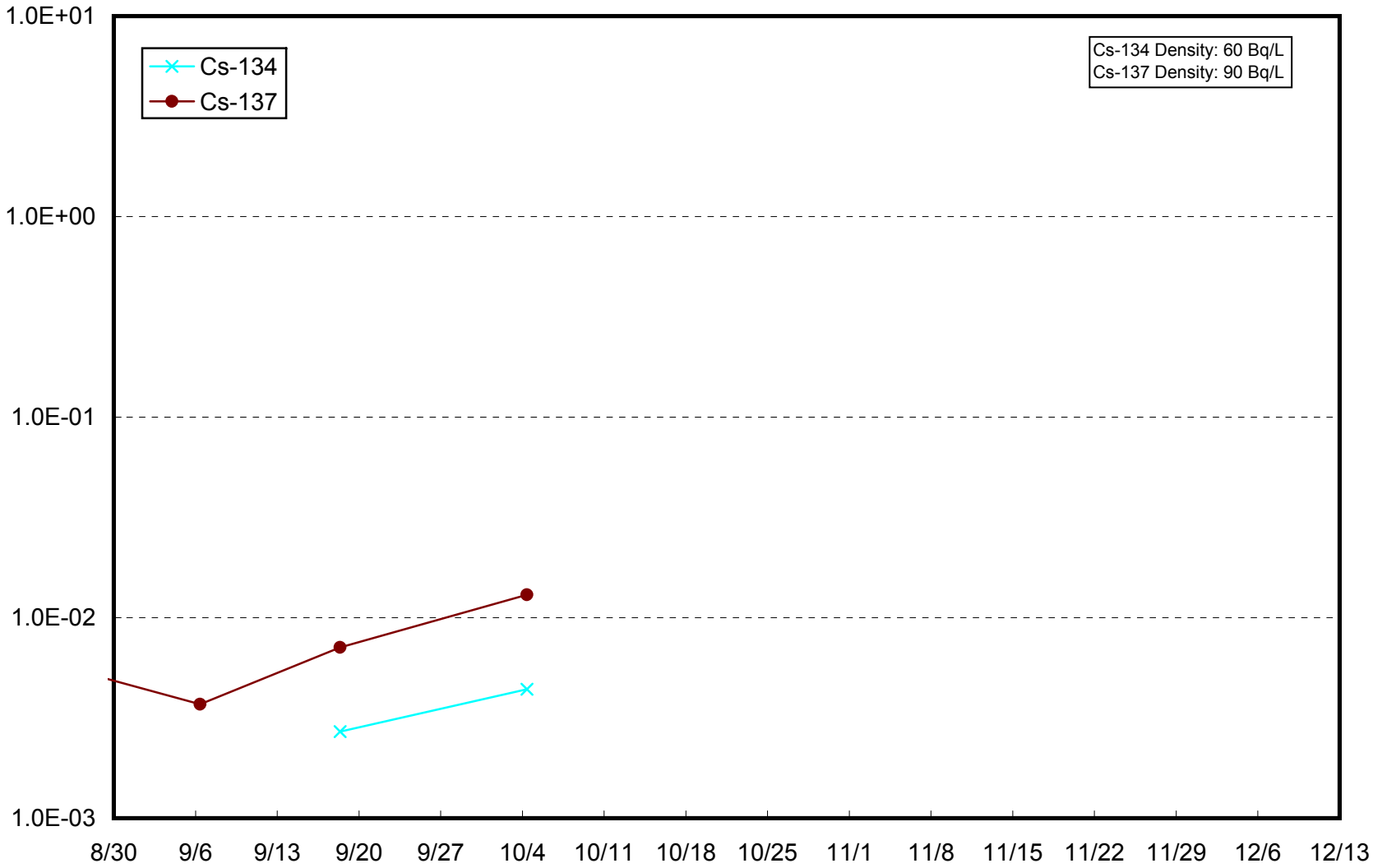
Radioactivity Density of the Seawater at Offshore of Shichigahama (T-MG4) Upper Layer (Bq/L)



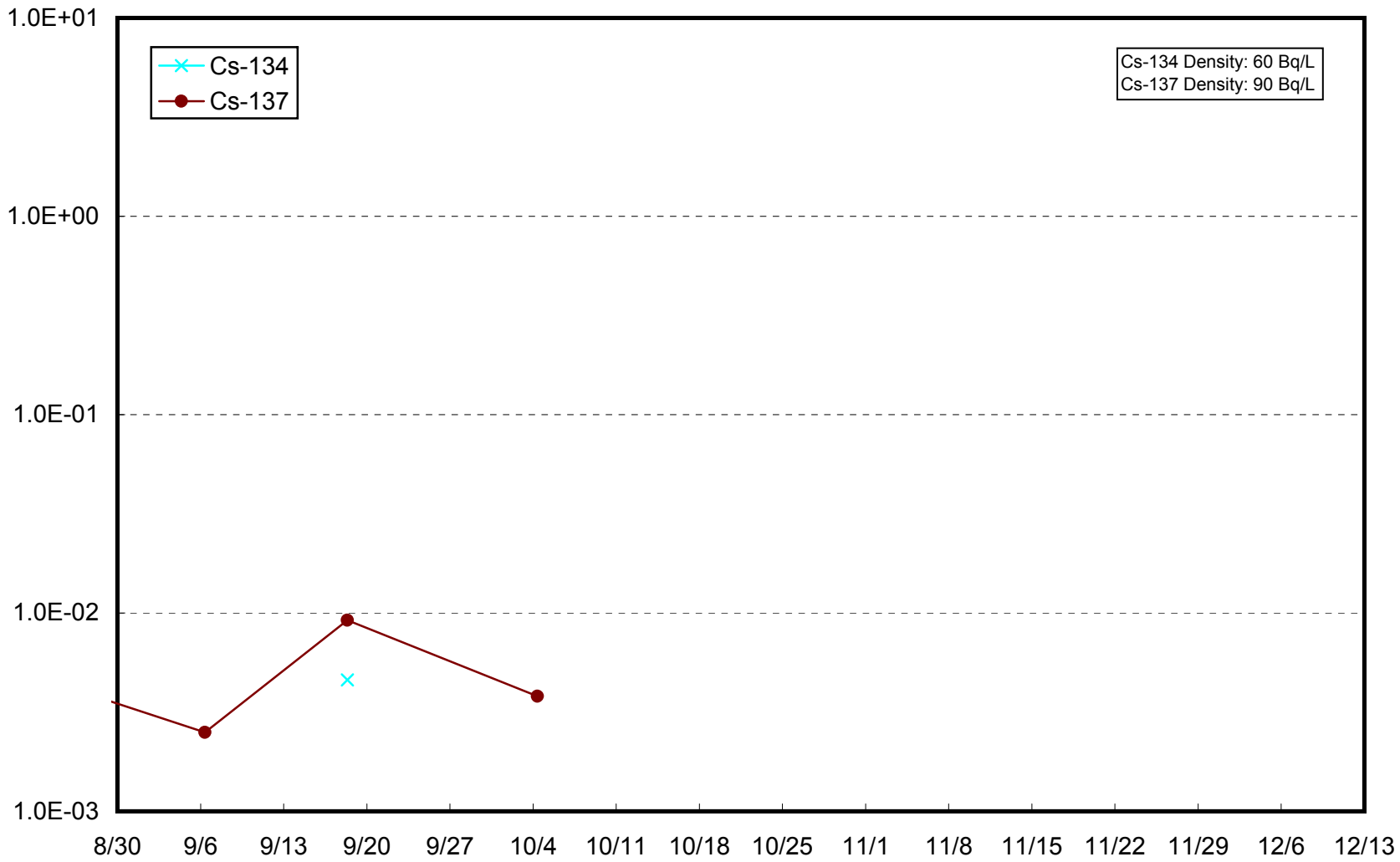
Radioactivity Density of the Seawater at Offshore of Shichigahama (T-MG4) Middle Layer (Bq/L)



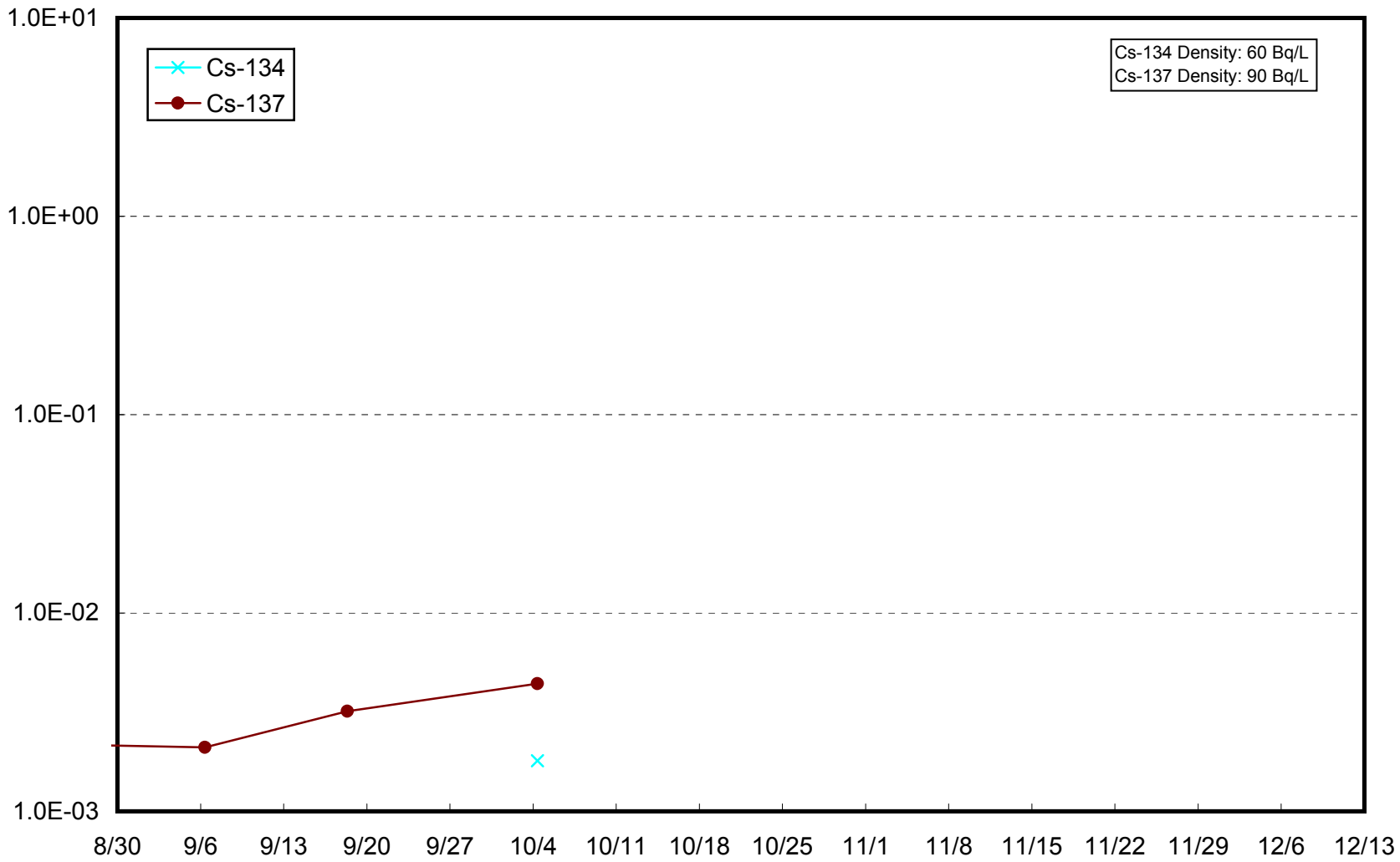
Radioactivity Density of the Seawater at Offshore of Shichigahama (T-MG4) Lower Layer (Bq/L)



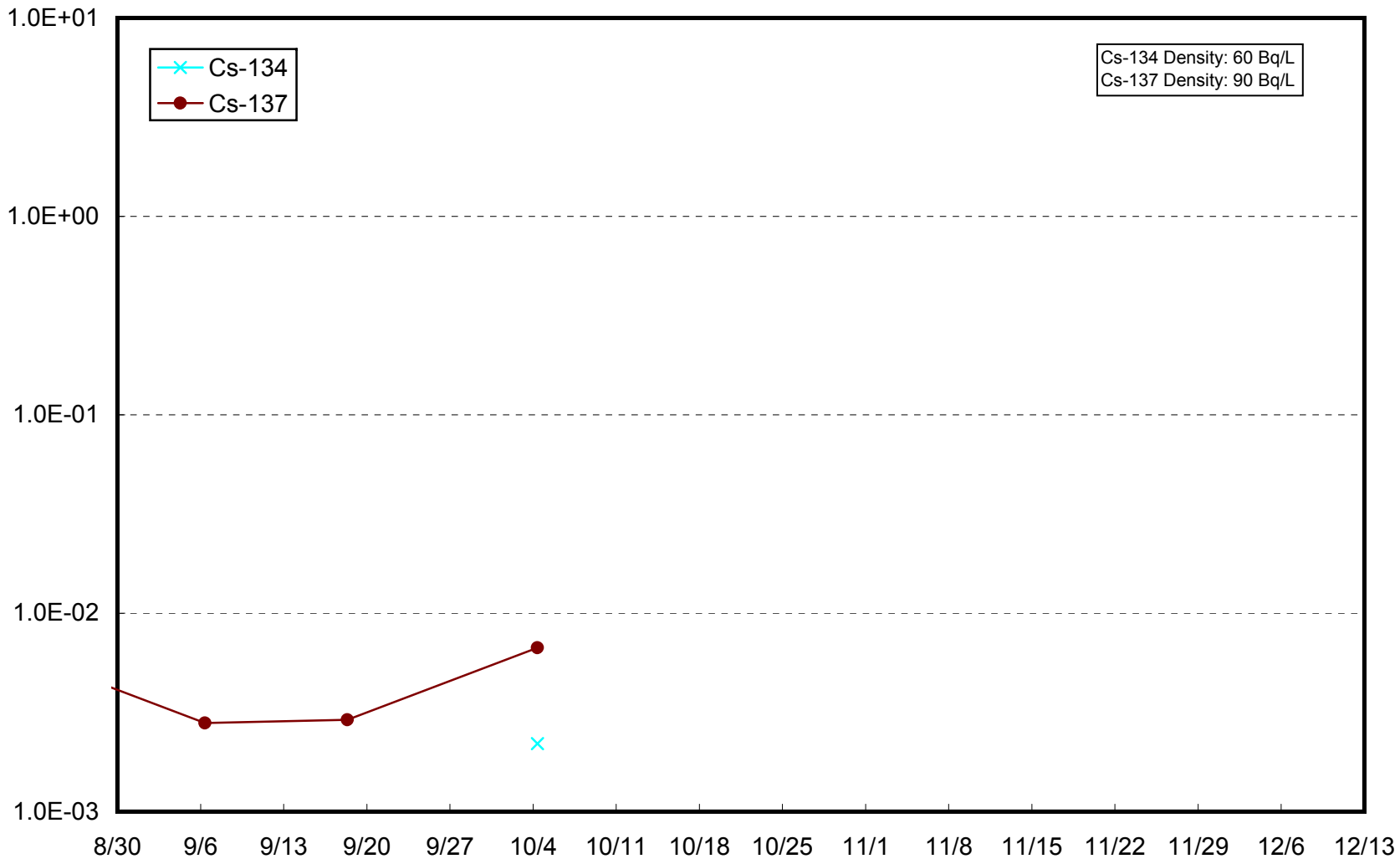
Radioactivity Density of the Seawater in the Central Area of Sendai Bay (T-MG5) Upper Layer (Bq/L)



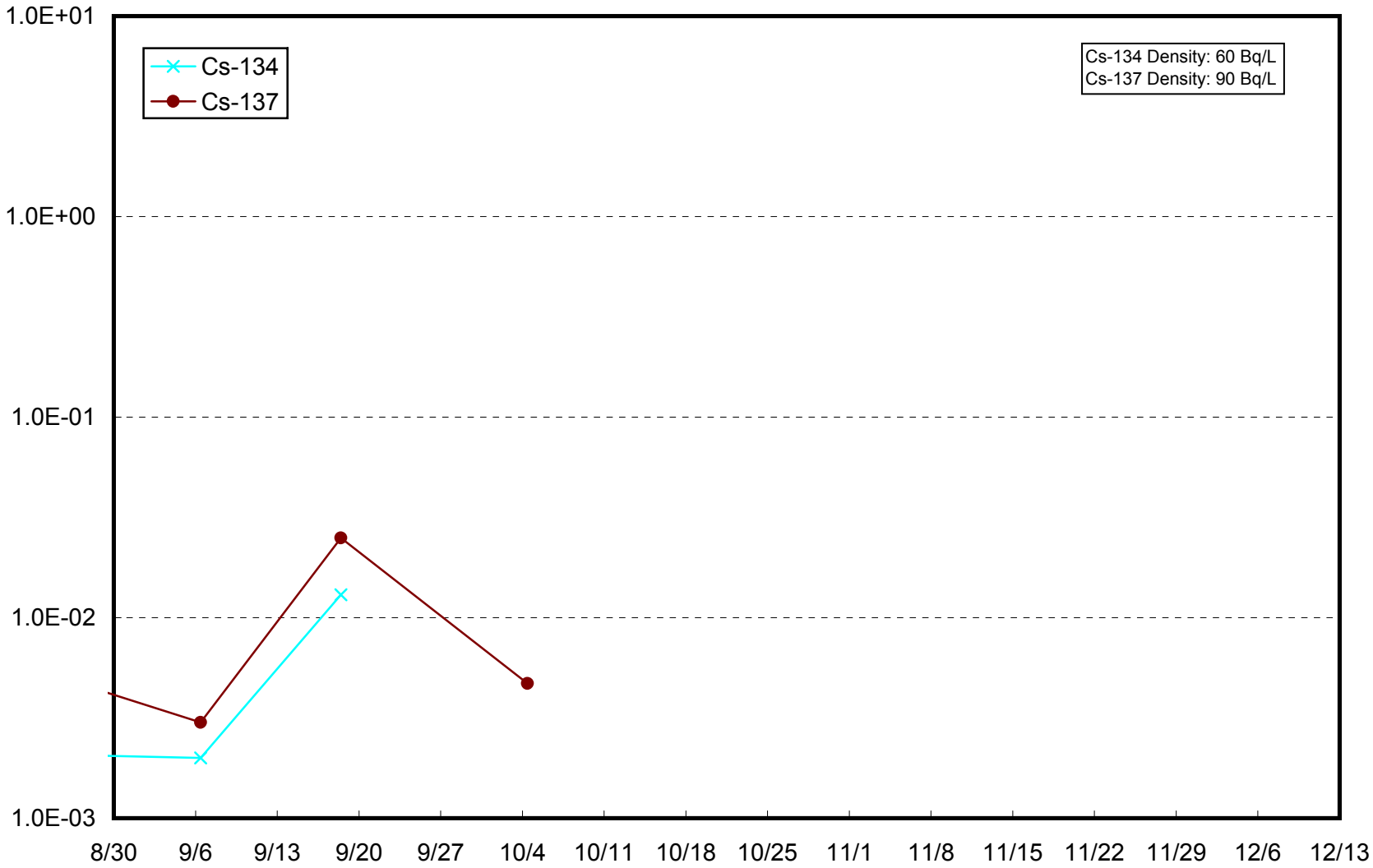
Radioactivity Density of the Seawater in the Central Area of Sendai Bay (T-MG5) Middle Layer (Bq/L)



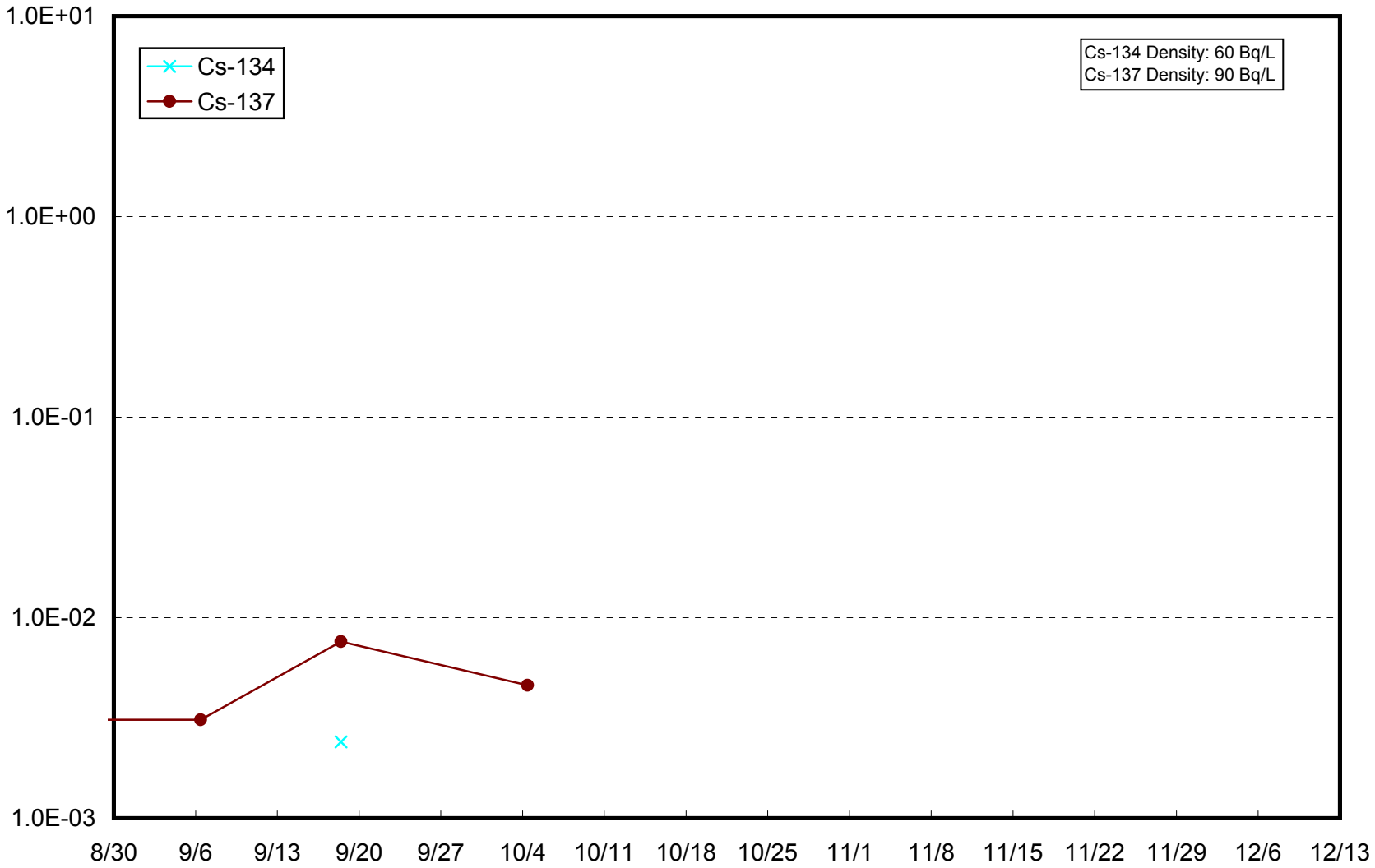
Radioactivity Density of the Seawater in the Central Area of Sendai Bay (T-MG5) Lower Layer (Bq/L)



Radioactivity Density of the Seawater at Offshore of Abukuma River (T-MG6) Upper Layer (Bq/L)



Radioactivity Density of the Seawater at Offshore of Abukuma River (T-MG6) Middle Layer (Bq/L)



Radioactivity Density of the Seawater at Offshore of Abukuma River (T-MG6) Lower Layer (Bq/L)