

## Nuclides Analysis Result of the Sub-drain of Fukushima Daiichi NPS

(Data summarized on September 25)

Place of Sampling	Fukushima Daiichi NPS Unit 1 Sub-drain	Fukushima Daiichi NPS Unit 2 Sub-drain	Fukushima Daiichi NPS Unit 3 Sub-drain	Fukushima Daiichi NPS Unit 4 Sub-drain	Fukushima Daiichi NPS Unit 5 Sub-drain	Fukushima Daiichi NPS Unit 6 Sub-drain	Deep Well at Fukushima Daiichi NPS
Time of Sampling	Sep 24, 2012 8:49 AM	Sep 24, 2012 8:50 AM	Sep 24, 2012 8:55 AM	Sep 24, 2012 8:59 AM	N/A	N/A	Sep 24, 2012 8:50 AM
Detected Nuclides (Half-life)	Density of Sample (Bq/cm <sup>3</sup> )						
I-131 (Approx. 8 days)	ND	ND	ND	ND	-	-	ND
Cs-134 (Approx. 2 years)	1.7E-01	2.8E-01	ND	ND	-	-	ND
Cs-137 (Approx. 30 years)	2.9E-01	5.2E-01	ND	ND	-	-	ND

\* O.OE - O is the same as  $O.O \times 10^{-O}$

\* Data of other nuclides is under evaluation.

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

I-131: Approx. 2E-2Bq/cm<sup>3</sup>, Cs-134: Approx.2E-2Bq/cm<sup>3</sup>, Cs-137: Approx.2E-2Bq/cm<sup>3</sup> )

As the detection limit may vary depending on the detectors and

sample properties, there are cases where nuclides below the detection limit are detected.

## Result of Pu Nuclide Analysis of Sub-Drain at Fukushima Daiichi Nuclear Power Station

### 1. Measurement Result:

(Unit: Bq/cm<sup>3</sup>)

Place of Sampling	Date of Sampling	Pu-238	Pu-239+Pu-240
Unit 2 Sub-Drain	May 14, 2012	N.D. [ $<1.4 \times 10^{-6}$ ]	N.D. [ $<1.2 \times 10^{-6}$ ]
Unit 3 Sub-Drain		N.D. [ $<1.4 \times 10^{-6}$ ]	N.D. [ $<1.2 \times 10^{-6}$ ]

The detection limit is provided in parentheses.

### 2. Analytical Institution:

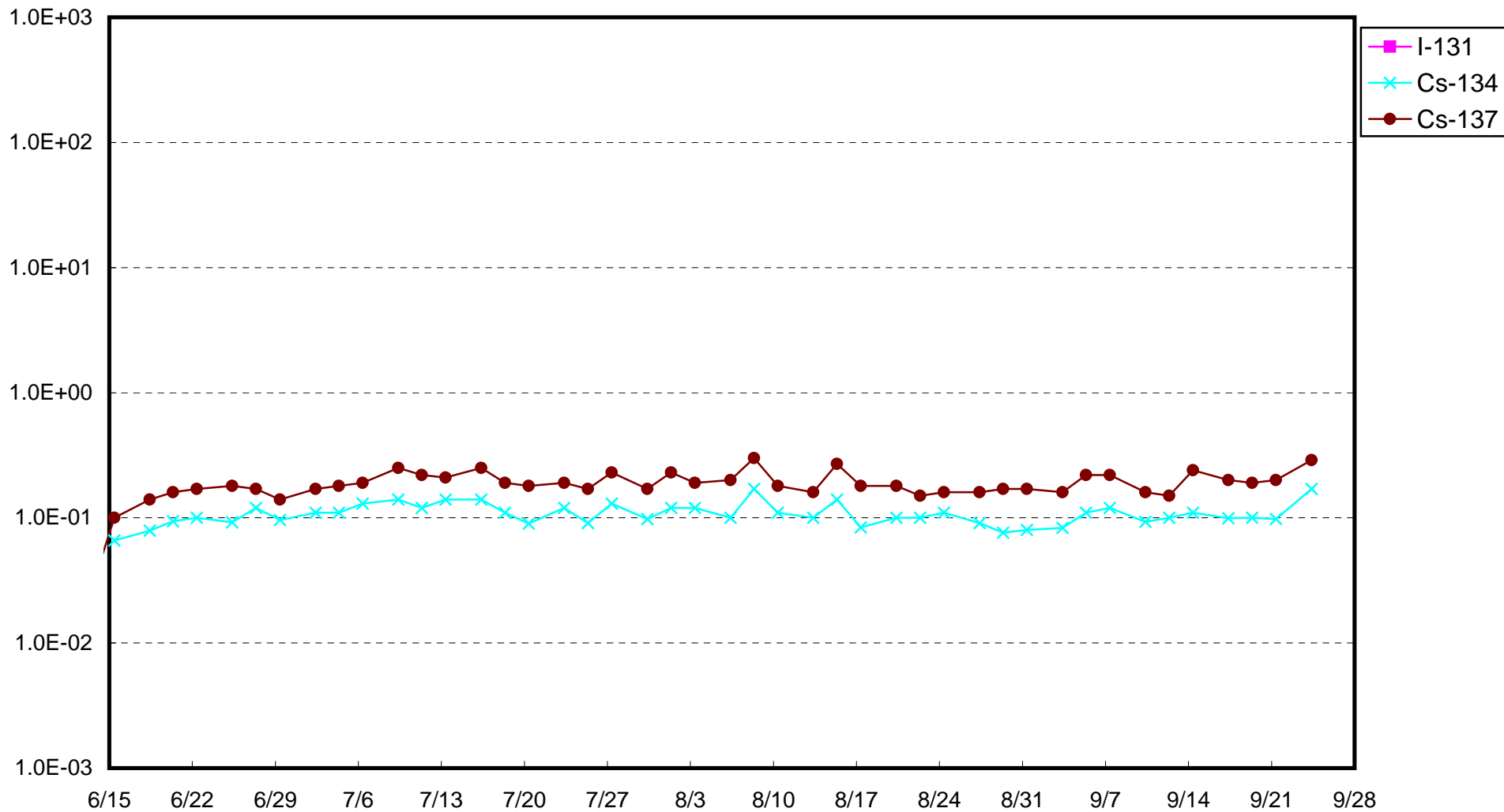
KAKEN Inc.

### 3. Evaluation:

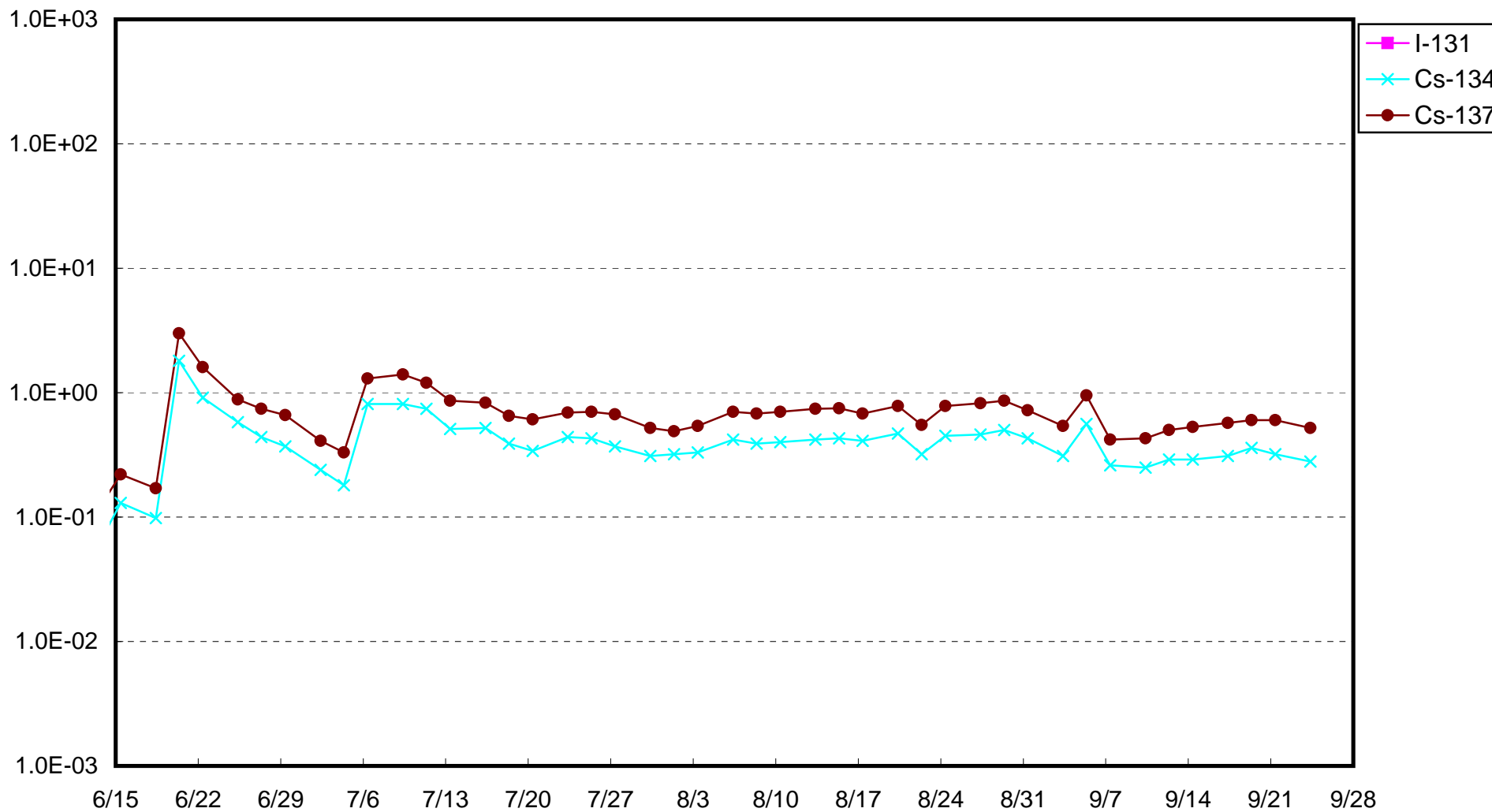
Pu-238 and Pu-239+Pu-240 were not detected in the sample collected this time.

End

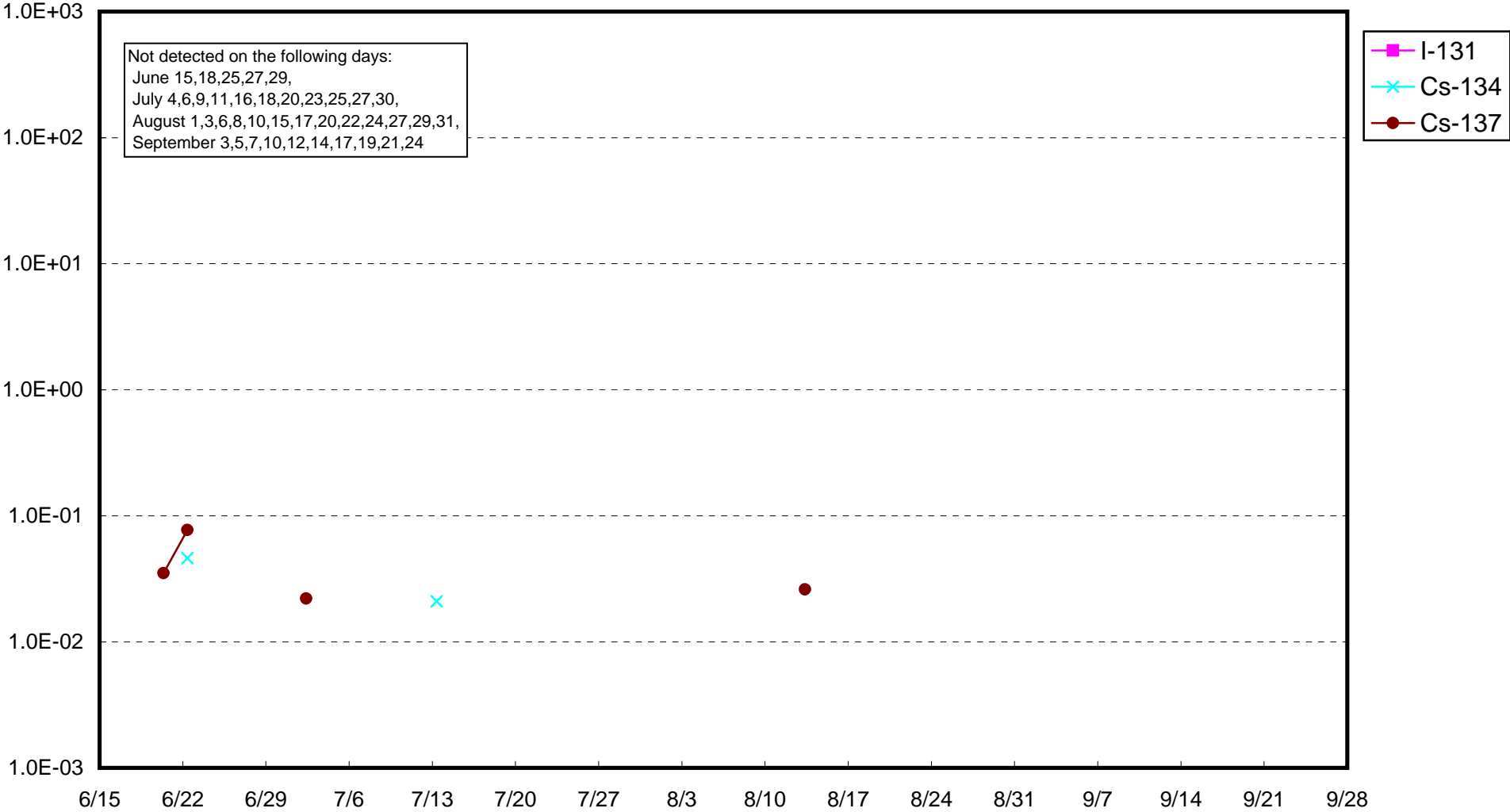
Fukushima Daiichi Nuclear Power Station: Radioactivity Density of Unit 1 Sub-drain (Bq/cm<sup>3</sup>)



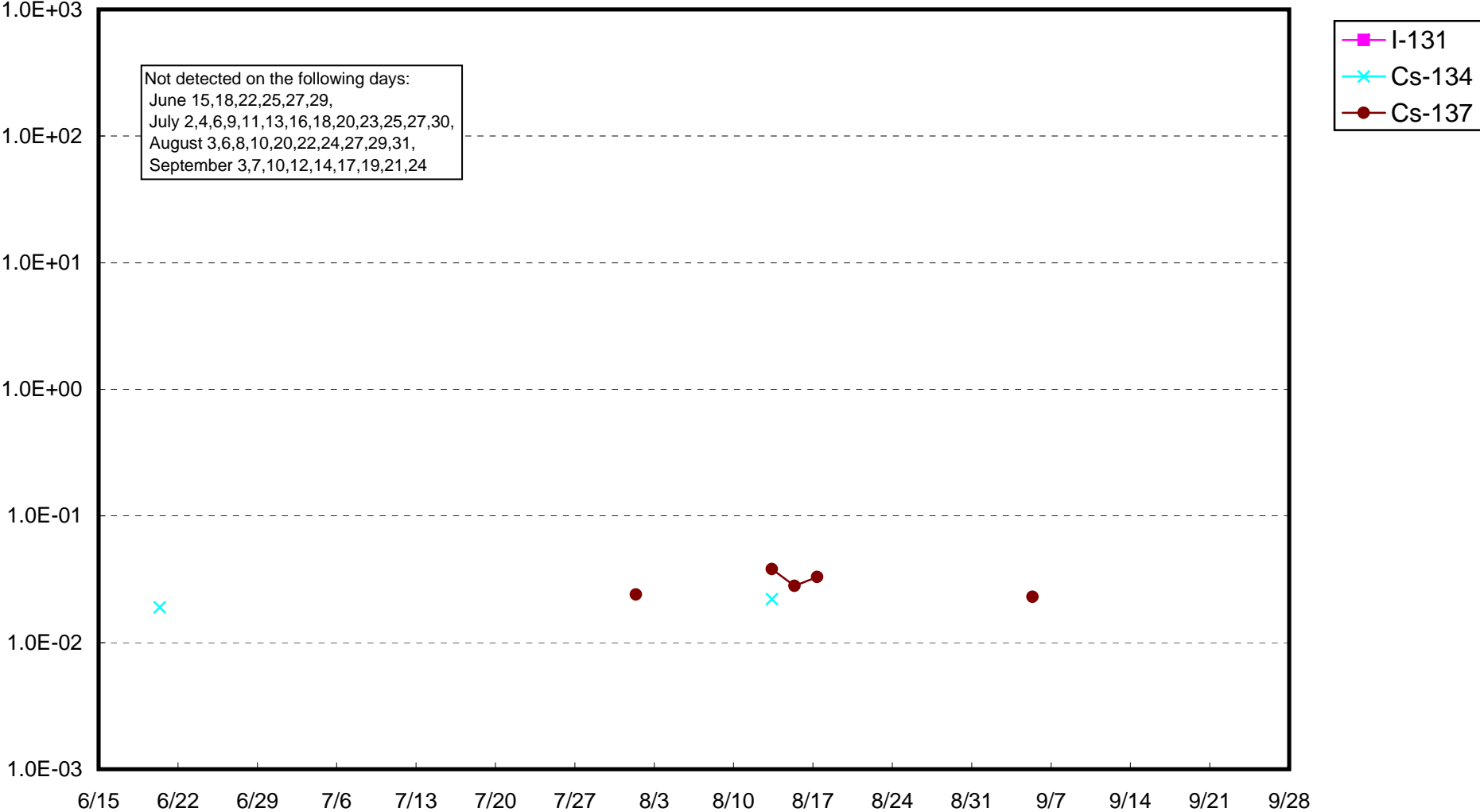
Fukushima Daiichi Nuclear Power Station: Radioactivity Density of Unit 2 Sub-drain (Bq/cm<sup>3</sup>)



Fukushima Daiichi Nuclear Power Station: Radioactivity Density of Unit 3 Sub-drain (Bq/cm3)



Fukushima Daiichi Nuclear Power Station: Radioactivity Density of Unit 4 Sub-drain (Bq/cm3)



Fukushima Daiichi Nuclear Power Station: Radioactivity Density at the Deep Well at the Site (Bq/cm<sup>3</sup>)

