

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

(Data summarized on August 23)

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	Aug 22, 2012 8:52 AM	Aug 22, 2012 8:57 AM	Aug 22, 2012 9:02 AM	Aug 22, 2012 9:11 AM	N/A	N/A	Aug 22, 2012 8:20 AM
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)						
I-131 (Approx. 8 days)	ND	ND	ND	ND	-	-	ND
Cs-134 (Approx. 2 years)	1.0E-01	3.2E-01	ND	ND	-	-	ND
Cs-137 (Approx. 30 years)	1.5E-01	5.5E-01	ND	ND	-	-	ND

* O.OE - O is the same as O.O x 10⁻⁰

* Data of other nuclides is under evaluation.

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

I-131: Approx. 2E-2Bq/cm³, Cs-134: Approx.2E-2Bq/cm³, Cs-137: Approx.2E-2Bq/cm³)
 As the detection limit may vary depending on the detectors and sample properties, there are cases where nuclides below the detection limit are detected.

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(Data summarized on August 23)

Place of Sampling	Fukushima Daiichi NPS Unit 1 Sub-drain	Fukushima Daiichi NPS Unit 2 Sub-drain	
Time of Sampling	Apr 16, 2012	Apr 16, 2012	
Detected Nuclides (Half-life)	Density of Sample (Bq/cm ³)		
I-131 (Approx. 8 days)	ND	ND	
Cs-134 (Approx. 2 years)	2.5E-01	1.6E+00	
Cs-137 (Approx. 30 years)	3.8E-01	2.5E+00	
H-3 (Approx. 12yrs)	1.2E+02	1.6E+00	
All α	ND	ND	
All β	6.1E-01	1.3E+01	
Sr-89 (Approx. 51 days)	ND	1.3E-01	
Sr-90 (Approx. 29 years)	3.4E-04	4.3E+00	

* O.OE - O is the same as O.O x 10-O

* Nuclide analysis results of I-131, Cs-134 and Cs-137 were announced on April 17.

* When the measurement value is below the detection limit, "ND" is marked. The detection limits are as follows.

I-131: Approx. 3E-2Bq/cm³, All α: Approx. E-3Bq/cm³, Sr-89* Approx. 1E-4Bq/cm³

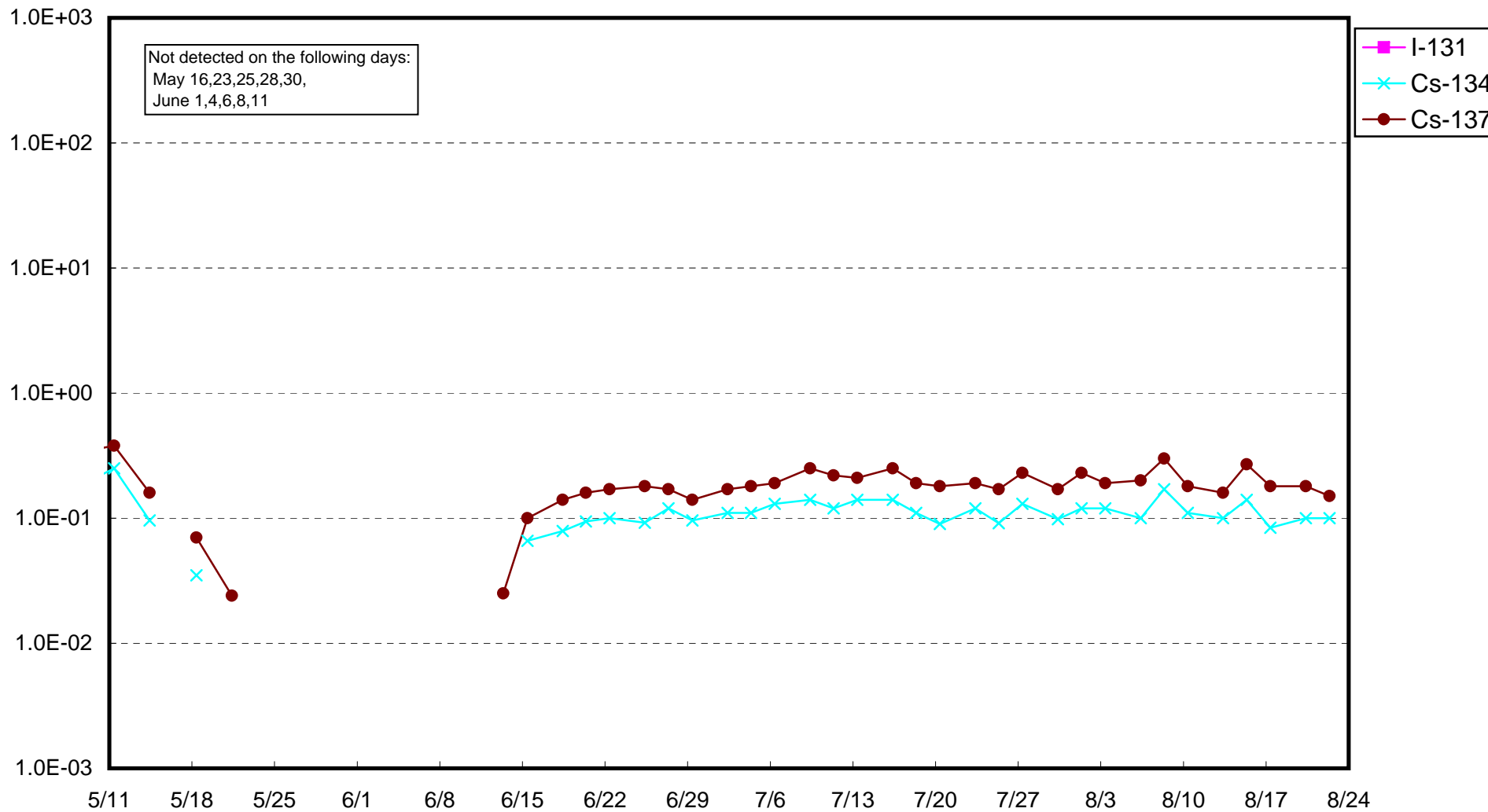
As the detection limit may vary depending on the detectors and sample properties, there are cases where nuclides below the detection limit are detected.

* Nuclides analysis was done by Japan Chemical Analysis Center.

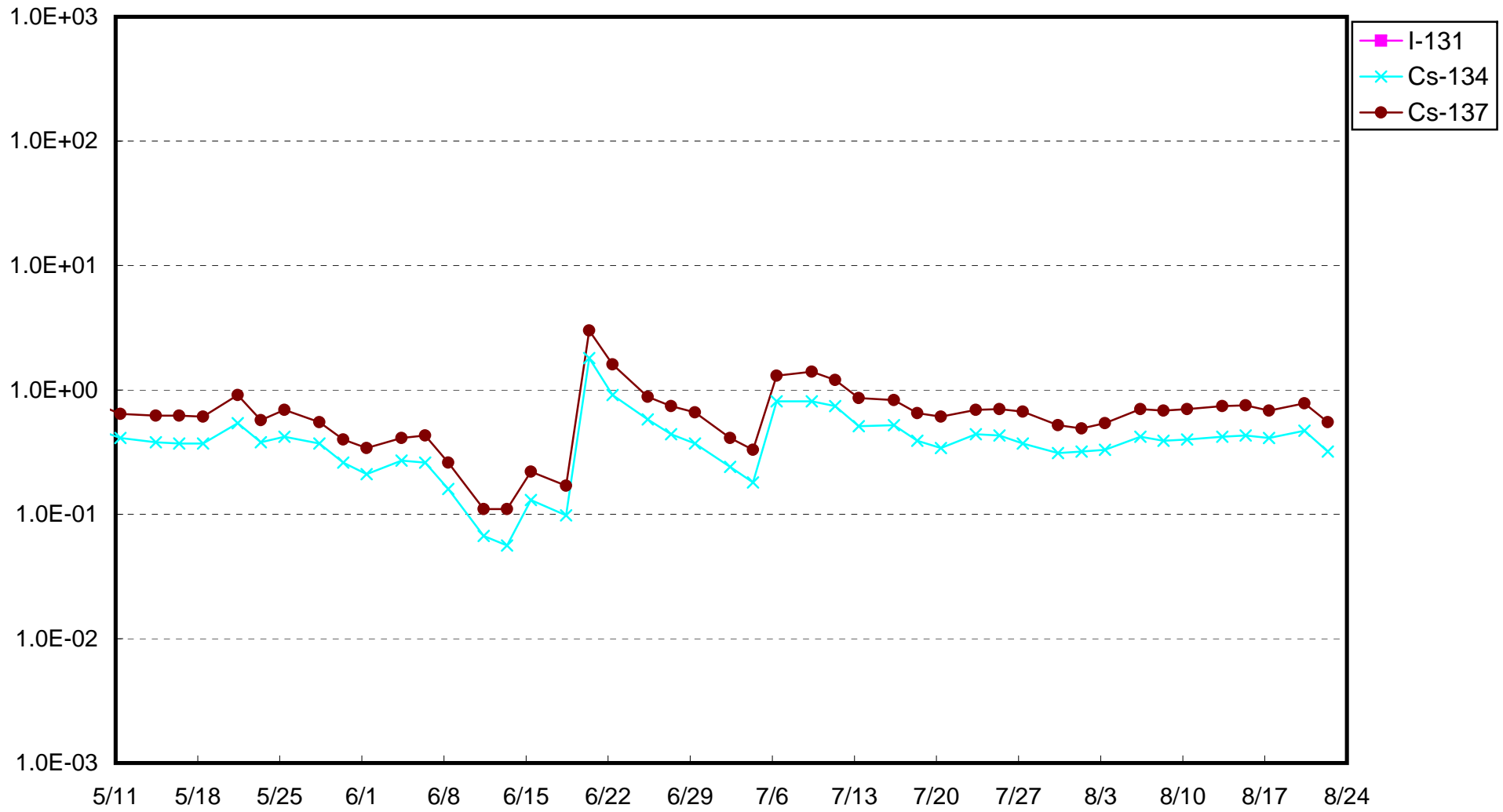
(Evaluation)

H-3 , All β , Sr-89 and Sr-90 were detected supposedly as a result of this accident.

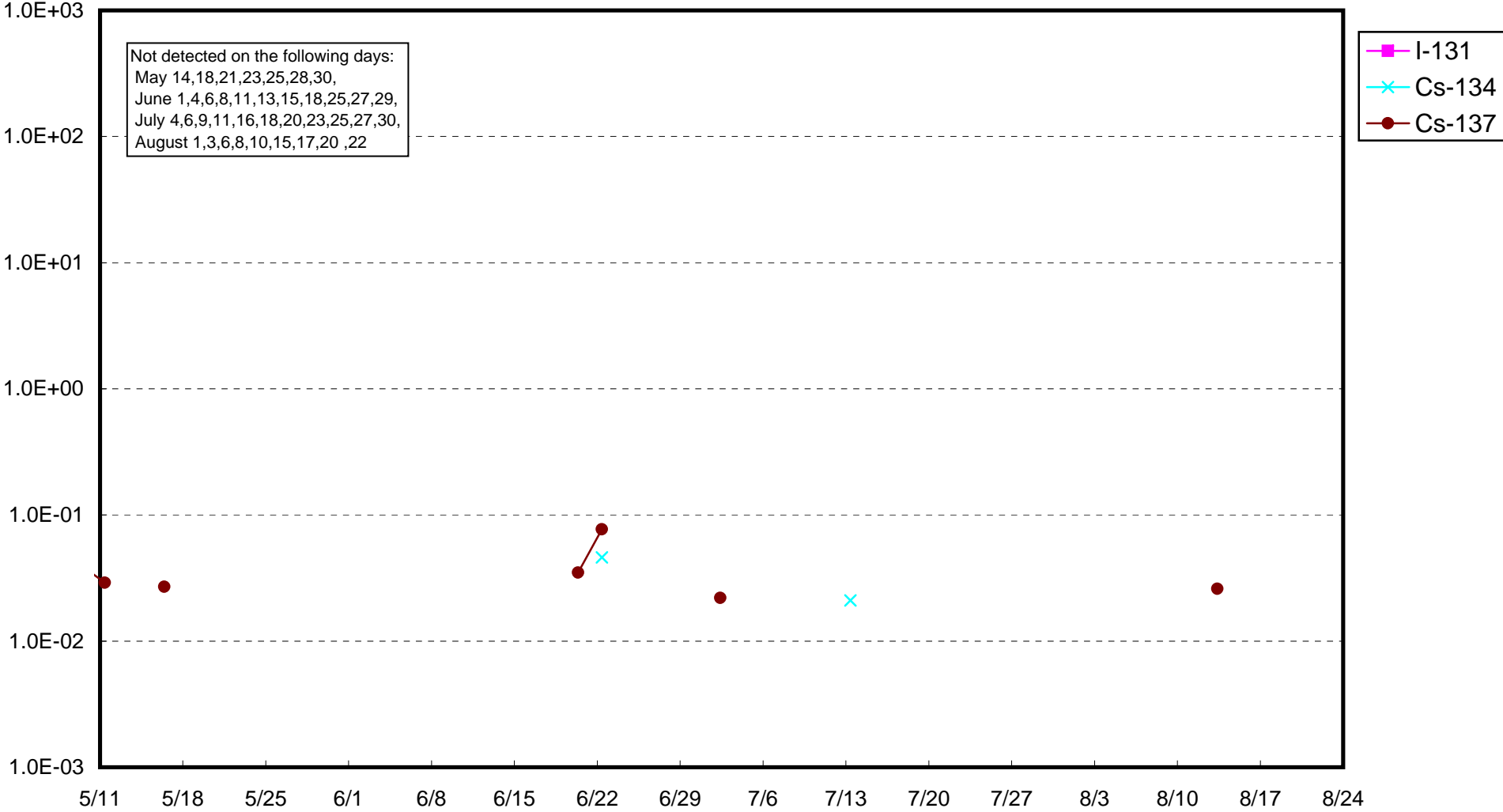
Fukushima Daiichi Nuclear Power Station: Radioactivity Density of Unit 1 Sub-drain (Bq/cm³)



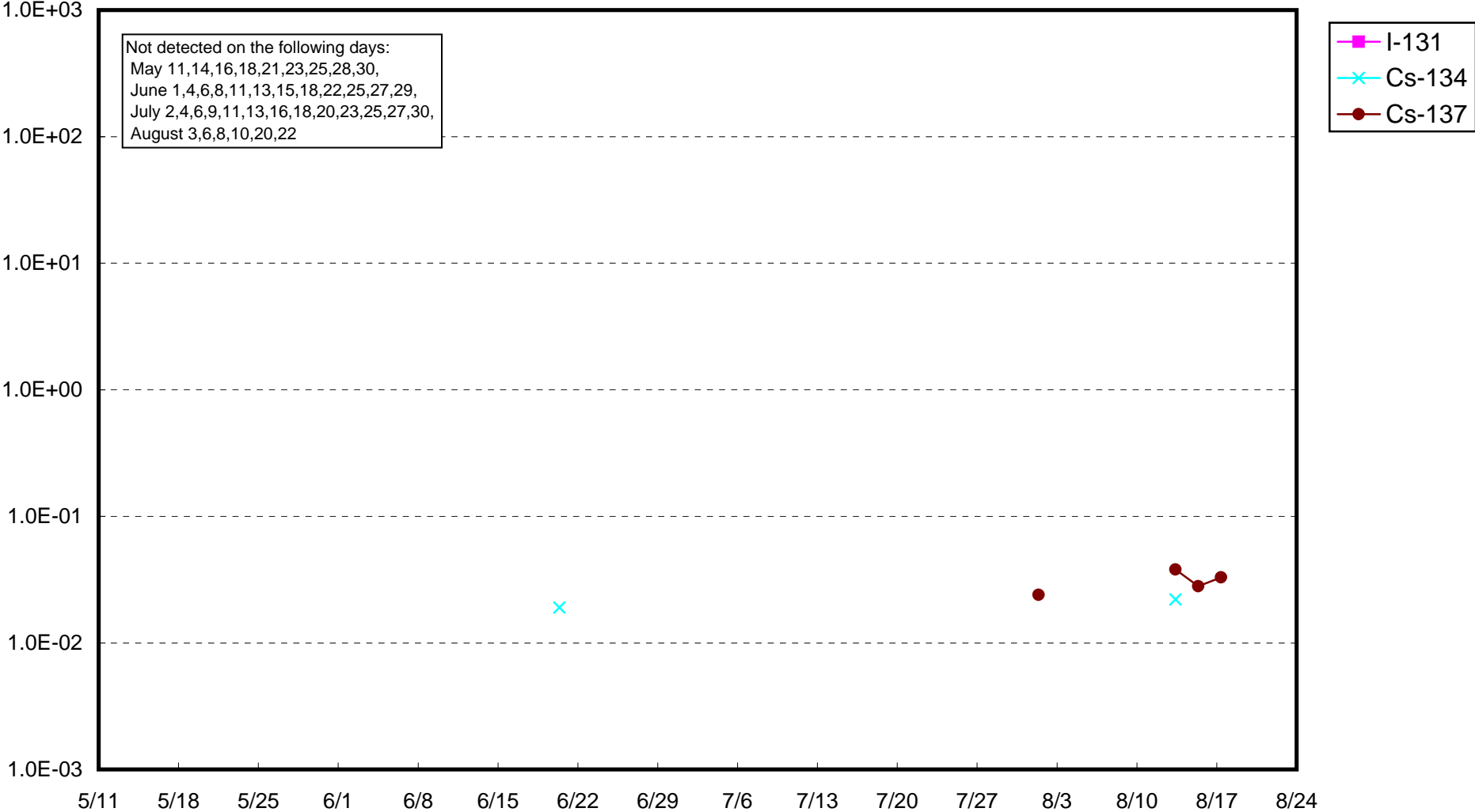
Fukushima Daiichi Nuclear Power Station: Radioactivity Density of Unit 2 Sub-drain (Bq/cm³)



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/cm³)

