Result of nuclide analysis of sub drain of Fukushima Daiichi NPS

Reference

(Data summarized on February 25)

Place of Sampling	Fukushima Daiichi NPS 1U sub-drain	Fukushima Daiichi NPS 2U sub-drain	Fukushima Daiichi NPS 3U sub-drain	Fukushima Daiichi NPS 4U sub-drain	Fukushima Daiichi NPS 5U sub-drain	Fukushima Daiichi NPS 6U sub-drain	Fukushima Daiichi NPS Deep well
Time of Sampling	Feb 24, 2012 10:06 am	Feb 24, 2012 09:30 am	Feb 24, 2012 09:40 am	Feb 24, 2012 09:16 am	Feb 24, 2012 10:37 am	Feb 24, 2012 09:05 am	Feb 24, 2012 08:45 am
Detected Nuclides (Half-life)	Density of sample（Bq/cm3)						
I-131 (about 8 days)	ND	ND	ND	ND	ND	ND	ND
Cs-134 (about 2 years)	2.5E-01	5.1E-01	ND	ND	ND	ND	ND
Cs-137 (about 30 years)	4.0E-01	7.1E-01	2.8E-02	ND	ND	ND	ND

* O.OE－O means O.O x 10-O

* Data of other nuclides are under evaluation.

* "ND" means the sampled data is below measurable limit.
I-131: approx. 2E-2Bq/cm3, Cs-134: approx. 2E-2Bq/cm3, Cs-137: approx. 3E-2Bq/cm3）
Please note that these nuclides are sometimes detected even when they are below the limits, contingent on the detector or samples.

Result of nuclide analysis of sub drain

(Data summarized on February 25)

Place of Sampling	Fukushima Daiichi NPS 2U sub-drain	Fukushima Daiichi NPS 5U sub-drain	Fukushima Daiichi NPS 4U sub-drain
Date of sampling	2012/1/16	2012/1/23	2012/1/16
Detected Nuclides (Half-life)	density of sample （Bq/cm3)		
I-131 (about 8 days)	ND	ND	ND
Cs-134 (about 2 years)	2.2E-01	ND	ND
Cs-137 (about 30 years)	3.4E-01	ND	ND
H-3 (about 12 years)	3.7E+00	ND	7.3E+00
All alpha-radioactivity	ND	ND	ND
All beta-radioactivity	1.1E+00	ND	2.1E-02
Sr-89 (about 51 days)	2.5E-02	ND	ND
Sr-90 (about 29 years)	2.6E-01	ND	9.6E-05

* O.OE－O means O.O x 10-O

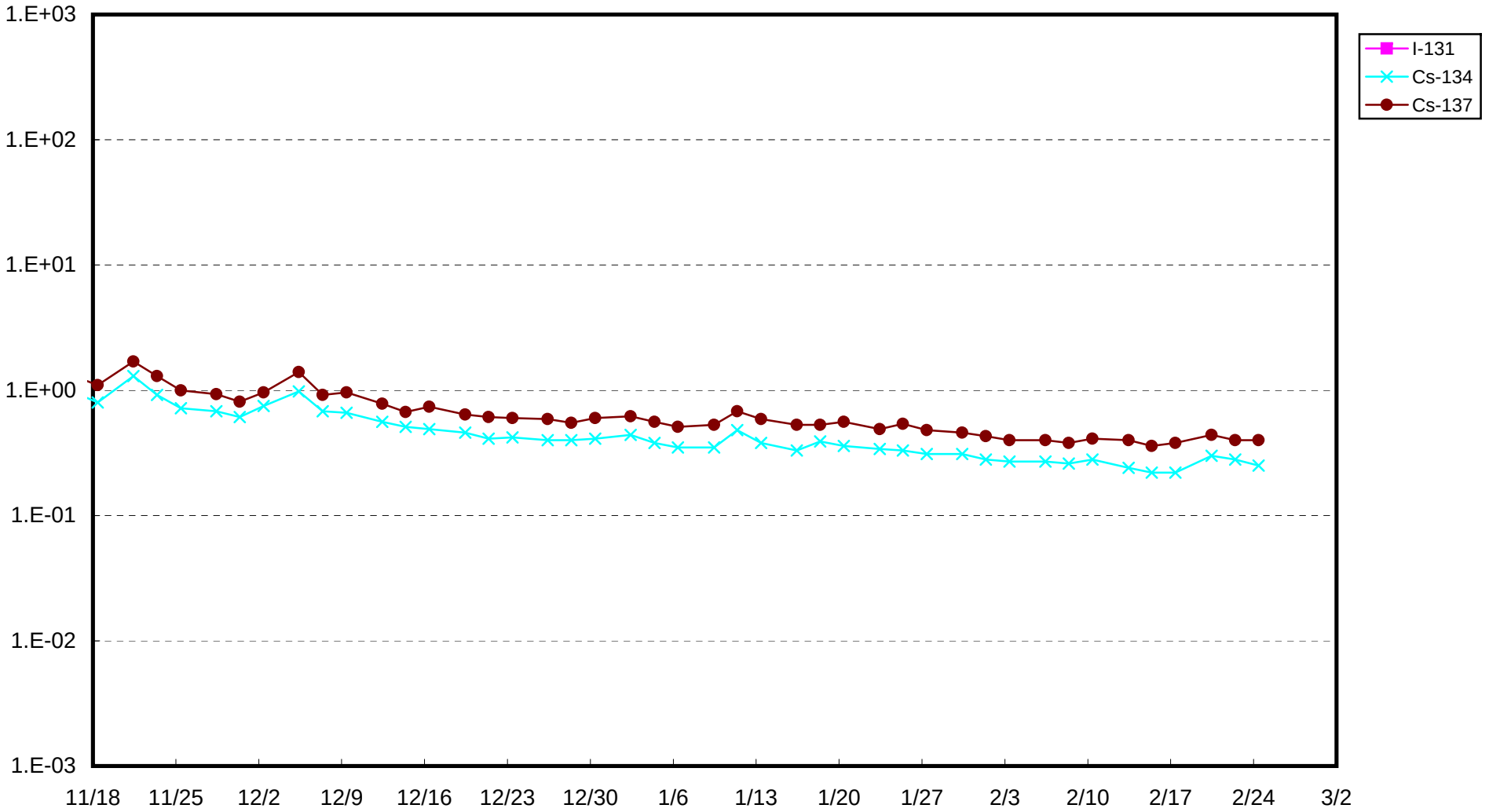
* I-131，Cs-134，Cs-137 arepressed on Jan.17 and 24

* In the case the measurement is under the detection threshold, "ND" is marked.
I-131: approx. 2E-2Bq/cm3，Cs-134: approx. 2E-2Bq/cm3，Cs-137: approx. 3E-2Bq/cm3，
H-3: approx. 1E-1Bq/cm3，All α: approx. 3E-3Bq/cm3，All β: approx. 2E-2Bq/cm3，
Sr-89: approx. 1E-4Bq/cm3，Sr-90: approx. 6E-5Bq/cm3
In addition, the detection threshold is defferent according to the detectors and the sample forms. So, it is possible to
detect the nuclide under detection threshold.

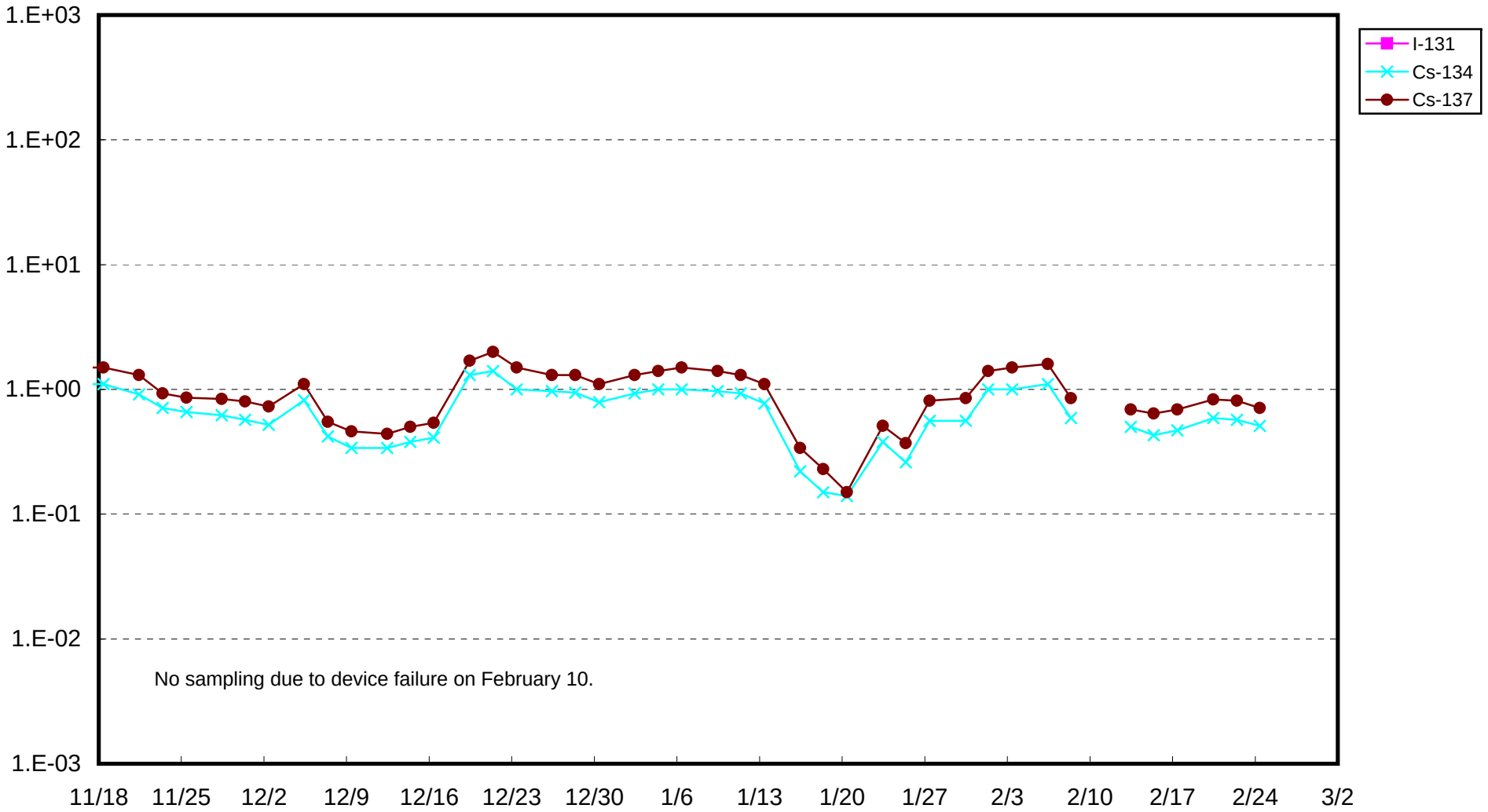
* Nuclide analysis wad conducted by Japan Chemical Analysis Center.

(Evaluation)
H-3，allβ, Sr-89,Sr-90 are detected and it is estimated that those were influenced by the accident

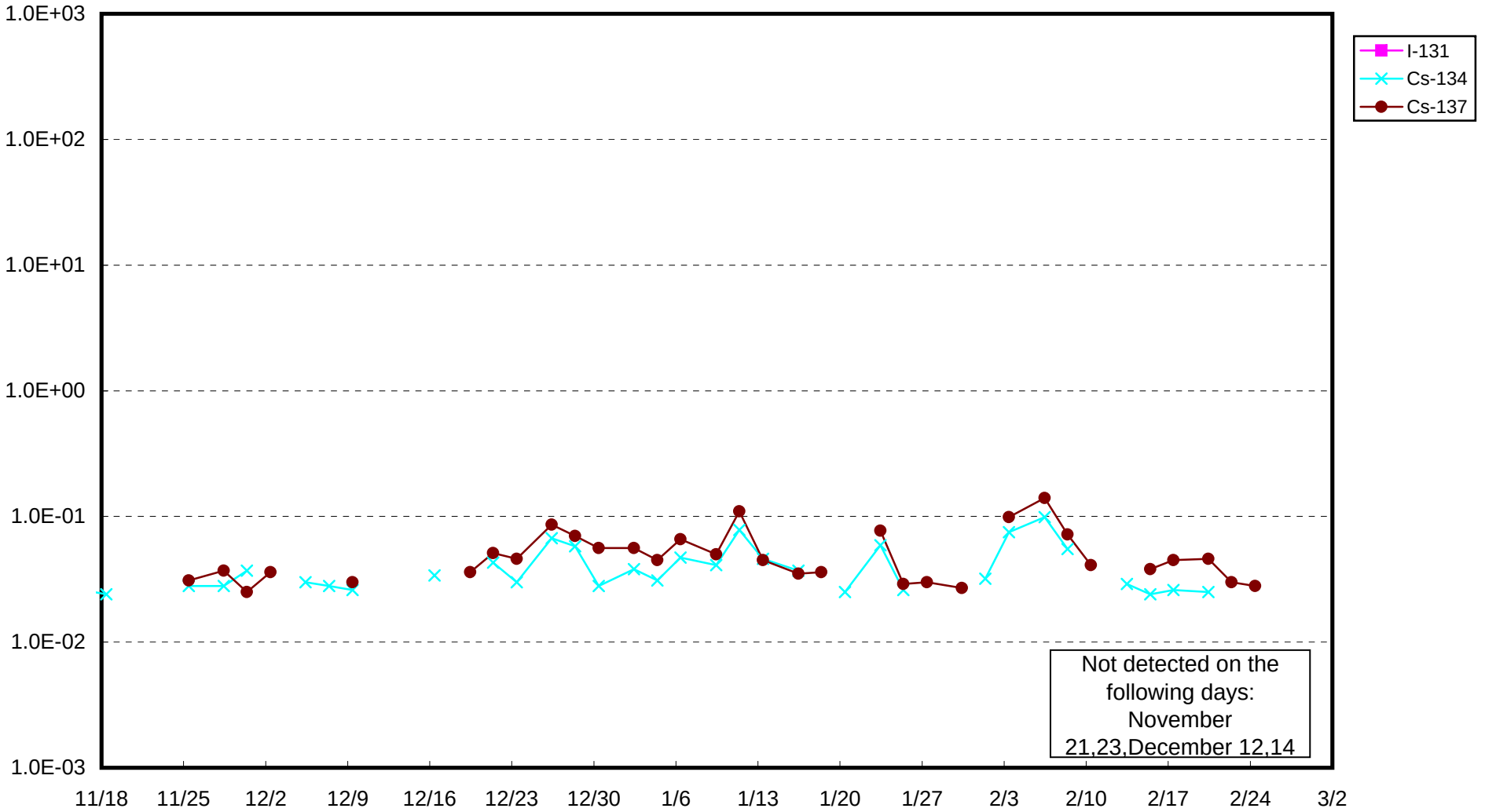
Fukushima Daiichi Nuclear Power Station : Radioactivity Density of Sub-drain at Unit 1 (Bq/cm3)



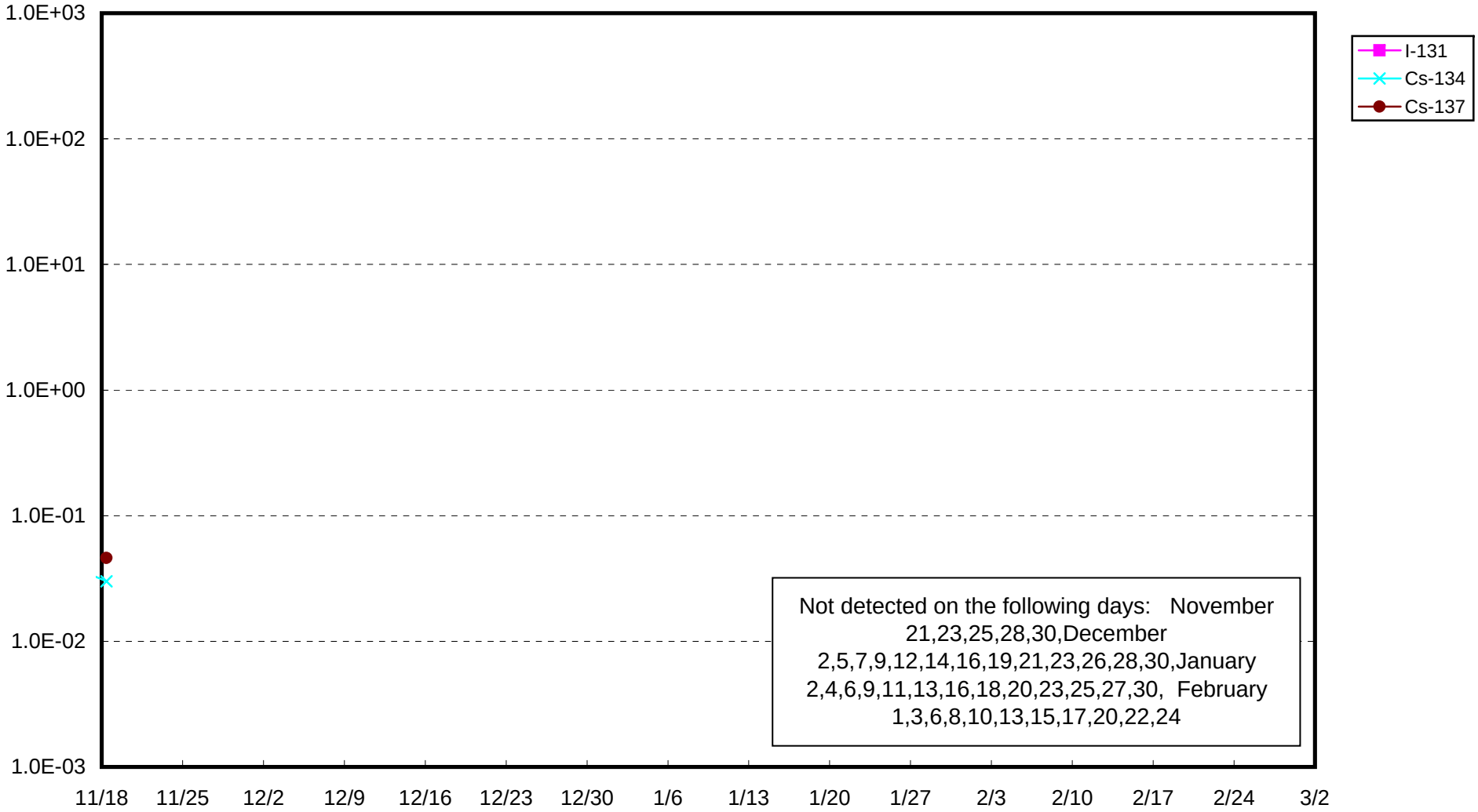
Fukushima Daiichi Nuclear Power Station : Radioactivity Density of Sub-drain at Unit 2 (Bq/cm3)



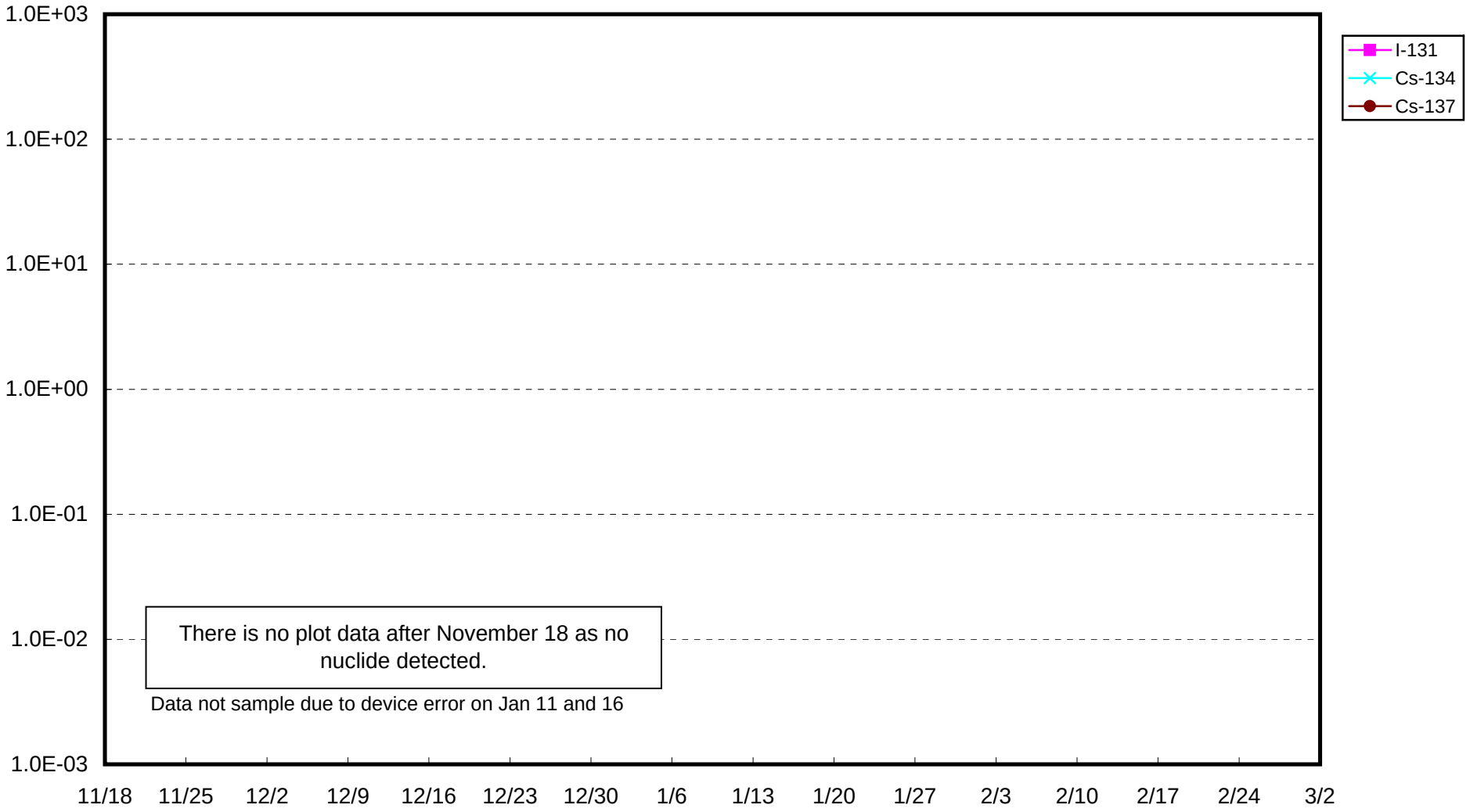
Fukushima Daiichi Nuclear Power Station : Radioactivity Density of Sub-drain at Unit 3 (Bq/cm3)



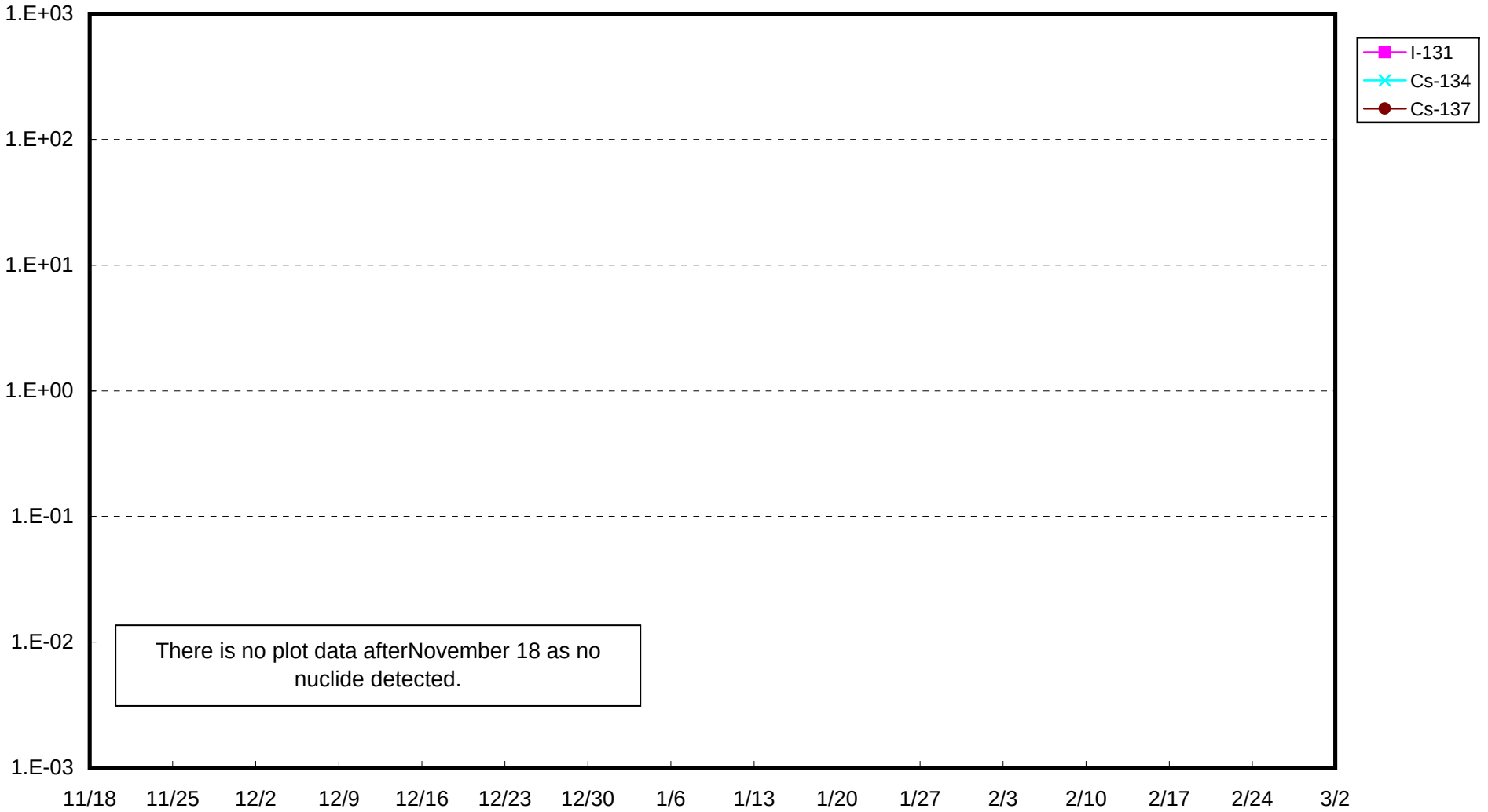
Fukushima Daiichi Nuclear Power Station : Radioactivity Density of Sub-drain at Unit 4 (Bq/cm3)



Fukushima Daiichi Nuclear Power Station : Radioactivity Density of Sub-drain at Unit 5 (Bq/cm3)



Fukushima Daiichi Nuclear Power Station : Radioactivity Density of Sub-drain at Unit 6 (Bq/cm3)



Fukushima Daiichi Nuclear Power Station : Radioactivity Density at the Deep Well at the Site (Bq/cm3)