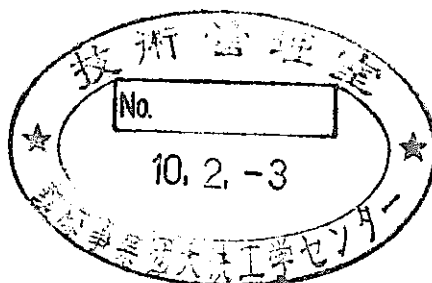


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Na₂O-Na₂O₂-NaOH系化合物の 示差走査熱量分析データ集

1997年10月



動力炉・核燃料開発事業団
大洗工学センター

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Na₂O-Na₂O₂-NaOH系化合物の示差走査熱量分析データ集



齊藤淳一*、天藤雅之**、青砥紀身***

要旨

主要なナトリウム化合物 (Na₂O, Na₂O₂ およびNaOH) によるFBR用構造材料の腐食挙動を理解するために、これら化合物の状態図を把握することはたいへん重要である。本報は状態図作成に必要なナトリウム化合物の混合物の示差走査熱量計 (DSC) による分析結果をまとめたもの (データ集) である。分析結果の解析、状態図作成方法および結果については、別冊の報告書(PNC TN9410 97-101 ナトリウム化合物(Na₂O, Na₂O₂およびNaOH)の擬3元系状態図の研究)を参照されたい。

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***大洗工学センター、安全工学部、機器構造安全工学室

Table 1 Target contents of specimens used for DSC measurement.

Specimen No.	mol%			wt%		
	Na ₂ O ₂	Na ₂ O	NaOH	Na ₂ O ₂	Na ₂ O	NaOH
1	0	5	95	0.00	7.54	92.46
2	5	0	95	9.31	0.00	90.69
3	0	10	90	0.00	14.69	85.31
4	10	0	90	17.81	0.00	82.19
5	0	20	80	0.00	27.93	72.07
6	10	10	80	16.96	13.48	69.57
7	20	0	80	32.77	0.00	67.23
8	0	30	70	0.00	39.91	60.09
9	10	20	70	16.18	25.72	58.09
10	20	10	70	31.33	12.45	56.23
11	30	0	70	45.53	0.00	54.47
12	0	40	60	0.00	50.82	49.18
13	20	20	60	30.00	23.84	46.15
14	40	0	60	56.52	0.00	43.48
15	20	30	50	28.78	34.32	36.90
16	30	20	50	41.94	22.22	35.84
17	20	40	40	27.66	43.97	28.37
18	30	30	40	40.35	32.07	27.59
19	40	20	40	52.35	20.80	26.85
20	60	0	40	74.52	0.00	25.48
21	30	40	30	38.87	41.19	19.93
22	40	30	30	50.49	30.10	19.42
23	50	20	30	61.51	19.56	18.93
24	40	40	20	48.75	38.75	12.50
25	50	30	20	59.45	28.35	12.20
26	60	20	20	69.64	18.45	11.90
27	80	0	20	88.64	0.00	11.36
28	70	30	0	74.59	25.41	0.00
29	90	10	0	91.89	8.11	0.00

Table 2 Weight and corrected mol fraction of specimens used for DSC measurement.

Specimen No.	wt (mg)			wt%(uncorrected value)			wt (mg)(corrected value)			wt%(corrected value)			mol%(corrected value)		
	Na2O2	Na2O	NaOH	Na2O2	Na2O	NaOH	Na2O2	Na2O	NaOH	Na2O2	Na2O	NaOH	Na2O2	Na2O	NaOH
1	0.000	0.842	9.583	0.000	8.077	91.923	0.101	0.724	9.487	0.98	7.02	92.00	0.52	4.67	94.81
2	0.941	0.000	9.146	9.329	0.000	90.671	0.894	0.000	9.055	8.99	0.00	91.01	4.82	0.00	95.18
3	0.000	1.455	8.775	0.000	14.223	85.777	0.175	1.251	8.687	1.73	12.37	85.90	0.93	8.42	90.64
4	1.961	0.000	8.995	17.899	0.000	82.101	1.863	0.000	8.905	17.30	0.00	82.70	9.69	0.00	90.31
5	0.000	2.803	7.200	0.000	28.022	71.978	0.336	2.411	7.128	3.41	24.41	72.18	1.95	17.56	80.49
6	1.628	1.342	6.900	16.494	13.597	69.909	1.708	1.154	6.831	17.62	11.91	70.48	10.36	8.81	80.83
7	3.177	0.000	6.618	32.435	0.000	67.565	3.018	0.000	6.552	31.54	0.00	68.46	19.11	0.00	80.89
8	0.000	4.075	6.099	0.000	40.053	59.947	0.489	3.505	6.038	4.87	34.93	60.19	2.93	26.45	70.62
9	1.631	2.619	6.010	15.897	25.526	58.577	1.864	2.252	5.950	18.52	22.38	59.11	11.43	17.39	71.18
10	3.260	1.284	5.650	31.980	12.596	55.425	3.251	1.104	5.594	32.68	11.10	56.22	20.91	8.94	70.15
11	4.448	0.000	5.379	45.263	0.000	54.737	4.226	0.000	5.325	44.24	0.00	55.76	28.92	0.00	71.08
12	0.000	5.151	5.055	0.000	50.470	49.530	0.618	4.430	5.004	6.15	44.07	49.78	3.88	34.94	61.18
13	2.994	2.379	4.575	30.097	23.914	45.989	3.130	2.046	4.529	32.25	21.08	46.67	21.53	17.71	60.76
14-1	5.760	0.000	4.490	56.195	0.000	43.805	5.472	0.000	4.445	55.18	0.00	44.82	38.70	0.00	61.30
14-2	5.700	0.000	4.388	56.503	0.000	43.497	5.415	0.000	4.344	55.49	0.00	44.51	39.00	0.00	61.00
15	2.871	3.470	3.700	28.593	34.558	36.849	3.144	2.984	3.663	32.11	30.48	37.41	22.39	26.74	50.87
16	4.365	2.370	3.871	41.156	22.346	36.498	4.431	2.038	3.832	43.01	19.79	37.20	30.63	17.72	51.65
17-1	2.822	4.491	2.869	27.716	44.107	28.177	3.220	3.862	2.840	32.45	38.92	28.63	23.64	35.68	40.67
17-2	2.866	4.423	2.942	28.013	43.231	28.756	3.253	3.804	2.913	32.63	38.15	29.21	23.72	34.88	41.40
18-1	3.952	3.157	2.627	40.592	32.426	26.982	4.133	2.715	2.601	43.74	28.73	27.52	32.75	27.07	40.18
18-2	4.047	3.300	2.895	39.514	32.220	28.266	4.241	2.838	2.866	42.64	28.54	28.82	31.65	26.65	41.71
19	5.361	2.315	2.893	50.724	21.904	27.373	5.371	1.991	2.864	52.52	19.47	28.01	39.90	18.61	41.49
20-1	7.424	0.000	2.465	75.073	0.000	24.927	7.053	0.000	2.440	74.29	0.00	25.71	59.71	0.00	40.29
20-2	7.556	0.000	2.600	74.399	0.000	25.601	7.178	0.000	2.574	73.61	0.00	26.39	58.85	0.00	41.15
21-1	4.000	4.260	2.225	38.150	40.629	21.221	4.311	3.664	2.203	42.36	36.00	21.64	32.62	34.88	32.50
21-2	3.840	4.051	1.978	38.910	41.048	20.043	4.134	3.484	1.958	43.17	36.38	20.45	33.51	35.53	30.95
22	5.011	3.007	1.917	50.438	30.267	19.295	5.121	2.586	1.898	53.32	26.92	19.76	42.41	26.94	30.65
23-1	6.375	1.981	1.942	61.905	19.237	18.858	6.294	1.704	1.923	63.45	17.17	19.38	51.65	17.59	30.76
23-2	6.182	2.043	2.107	59.834	19.774	20.393	6.118	1.757	2.086	61.42	17.64	20.94	49.35	17.83	32.81
24	4.693	3.660	1.196	49.147	38.329	12.525	4.898	3.148	1.184	53.07	34.10	12.83	43.86	35.46	20.68
25	5.949	2.999	1.272	58.209	29.344	12.446	6.011	2.579	1.259	61.03	26.18	12.78	51.33	27.71	20.97
26	6.964	1.835	1.200	69.647	18.352	12.001	6.836	1.578	1.188	71.19	16.43	12.37	61.38	17.83	20.80
27-1	8.874	0.000	1.088	89.078	0.000	10.922	8.430	0.000	1.077	88.67	0.00	11.33	80.05	0.00	19.95
27-2	8.928	0.000	1.170	88.414	0.000	11.586	8.482	0.000	1.158	87.98	0.00	12.02	78.97	0.00	21.03
28-1	8.075	2.820	0.000	74.117	25.883	0.000	8.010	2.425	0.000	76.76	23.24	0.00	72.41	27.59	0.00
28-2	7.458	2.637	0.000	73.878	26.122	0.000	7.402	2.268	0.000	76.55	23.45	0.00	72.18	27.82	0.00
29-1	9.173	0.807	0.000	91.914	8.086	0.000	8.811	0.694	0.000	92.70	7.30	0.00	90.98	9.02	0.00
29-2	9.206	0.770	0.000	92.281	7.719	0.000	8.838	0.662	0.000	93.03	6.97	0.00	91.39	8.61	0.00

Table 3 Temperature of phase transformation and latent heat

Compound	Phase transformation	Temperature (K)	Latent heat ΔH° (KJ/mol)	Reference
NaOH	$\alpha \rightleftharpoons \beta$	572	7.21	MALT2, JANAF
	$S(\alpha) \rightleftharpoons L^*$	596	6.61	MALT2
Na ₂ O	$\beta \rightleftharpoons \gamma$	1023	1.76	JANAF
	$\alpha \rightleftharpoons \beta$	1243	11.92	JANAF
	$S(\alpha) \rightleftharpoons L^*$	1405	33.85	MALT2
Na ₂ O ₂	$\alpha \rightleftharpoons \beta$	785	5.73	MALT2, JANAF
	$S(\alpha) \rightleftharpoons L^*$	948	-	MALT2

* $S \rightleftharpoons L$: Solid \rightleftharpoons Liquid

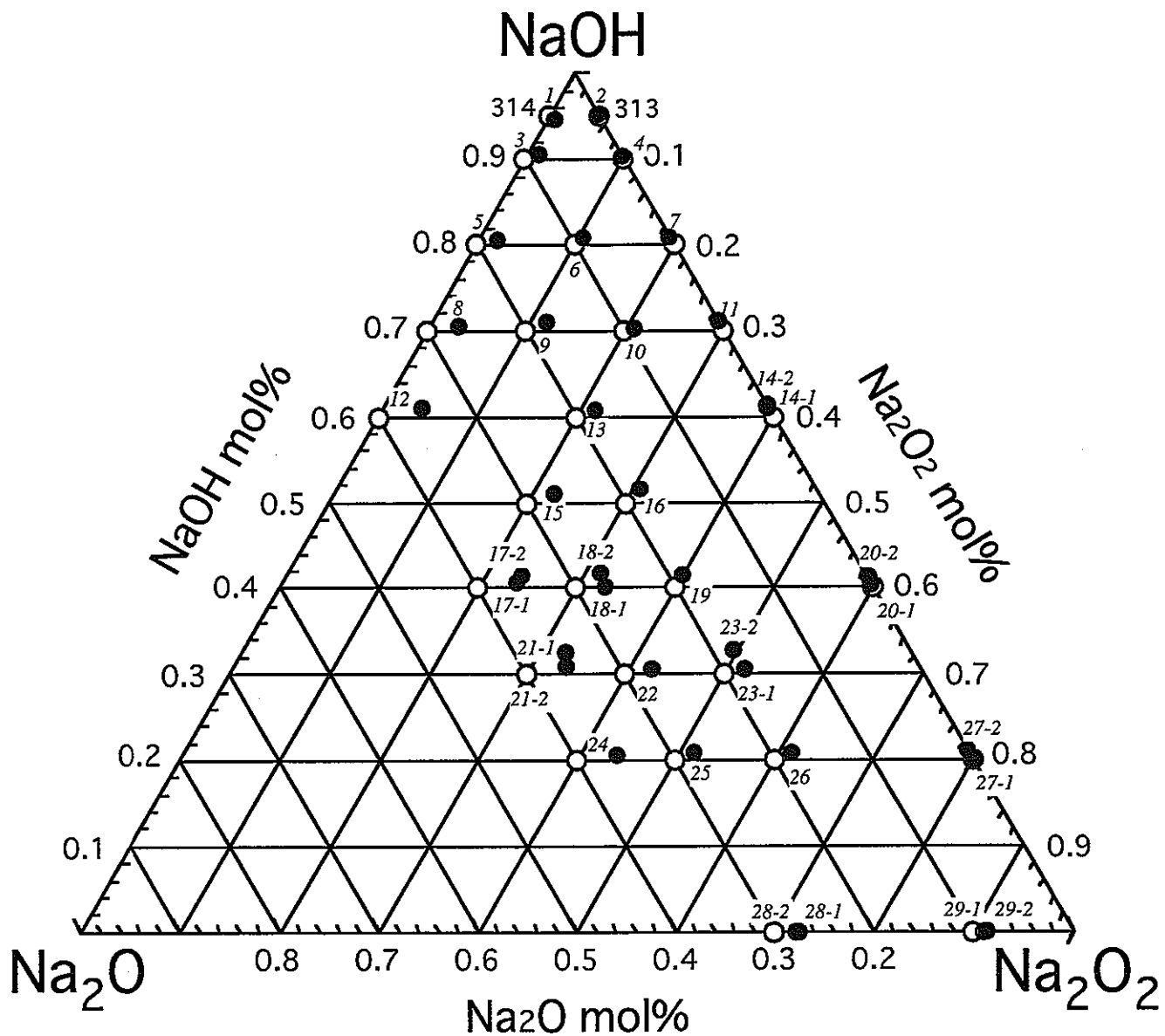


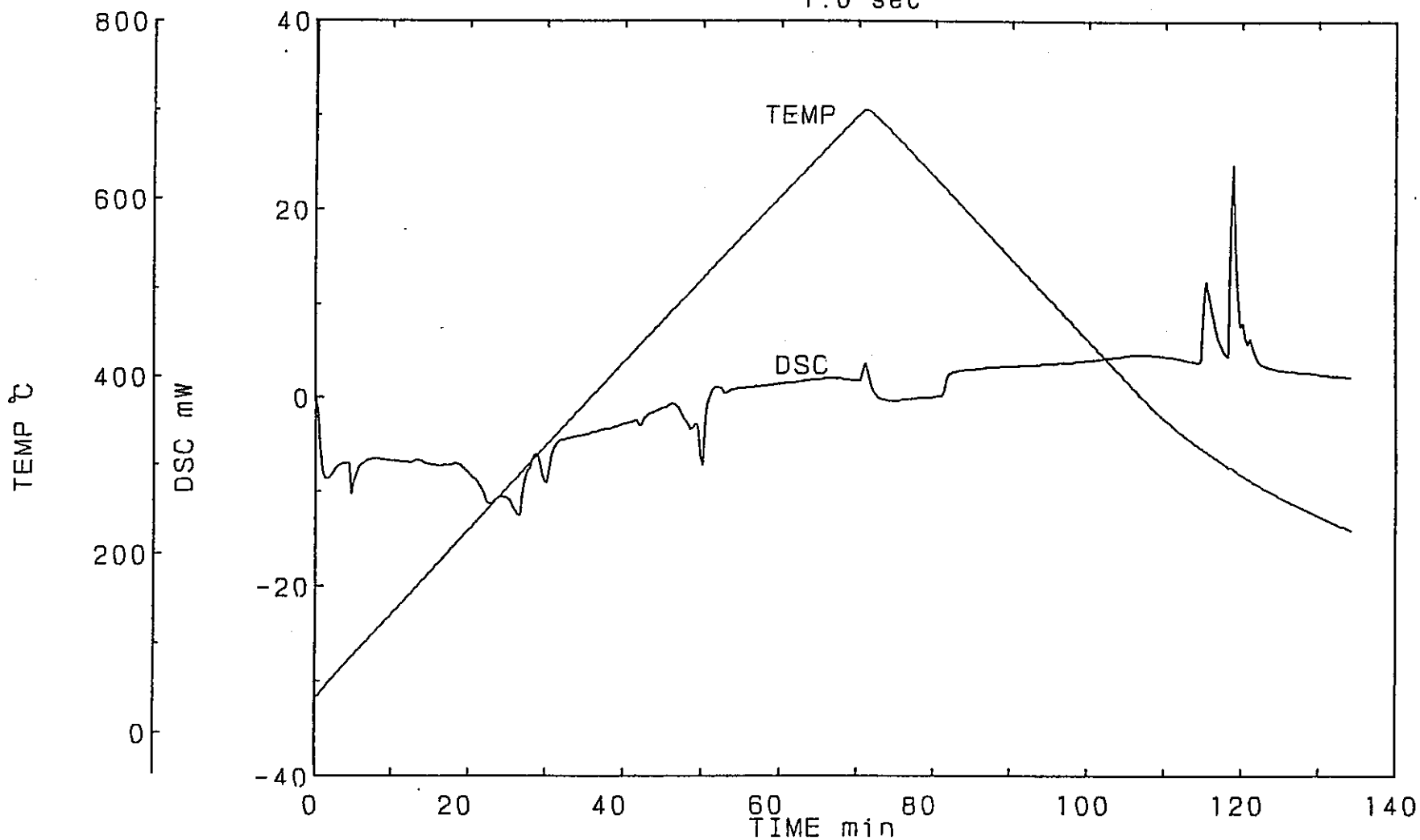
Fig. 1 Contents of specimens used for DSC measurement.

Table 4 Results of DSC measurement

No.	Peak temperature (degree)				
	P1	P2	P3	P4	P5
1	295	314			
2	294	313			
3	294	313			
4	293	313			
5	295	313	(379)		
6	293	310			
7	295	314	(373)		
8	294	312	479		
9	282	293	308	(369)	
10	282	293	307	(370)	
11	266	293	310	(377)	
12	283	294	308	525	
13	273	267	426		
14-2	295	313	(441)		
15	272	295	302	484	549
16	277	293	306	(450)	
17-1	282	295	314	(524)	
18-1	271	285	290	416	449
19	273	284	290	372	
20-1	295	310	557		
21-2	272	290	425	529	
22	269	291	429	471	492
23-2	284	294	304	(547)	
24	274	285	471		
25	273	289	456	474	
26	256	274	290	484	517
27-1	295	(310)	522		
28-1	268	288	445	559	
29-1	289	467	565		

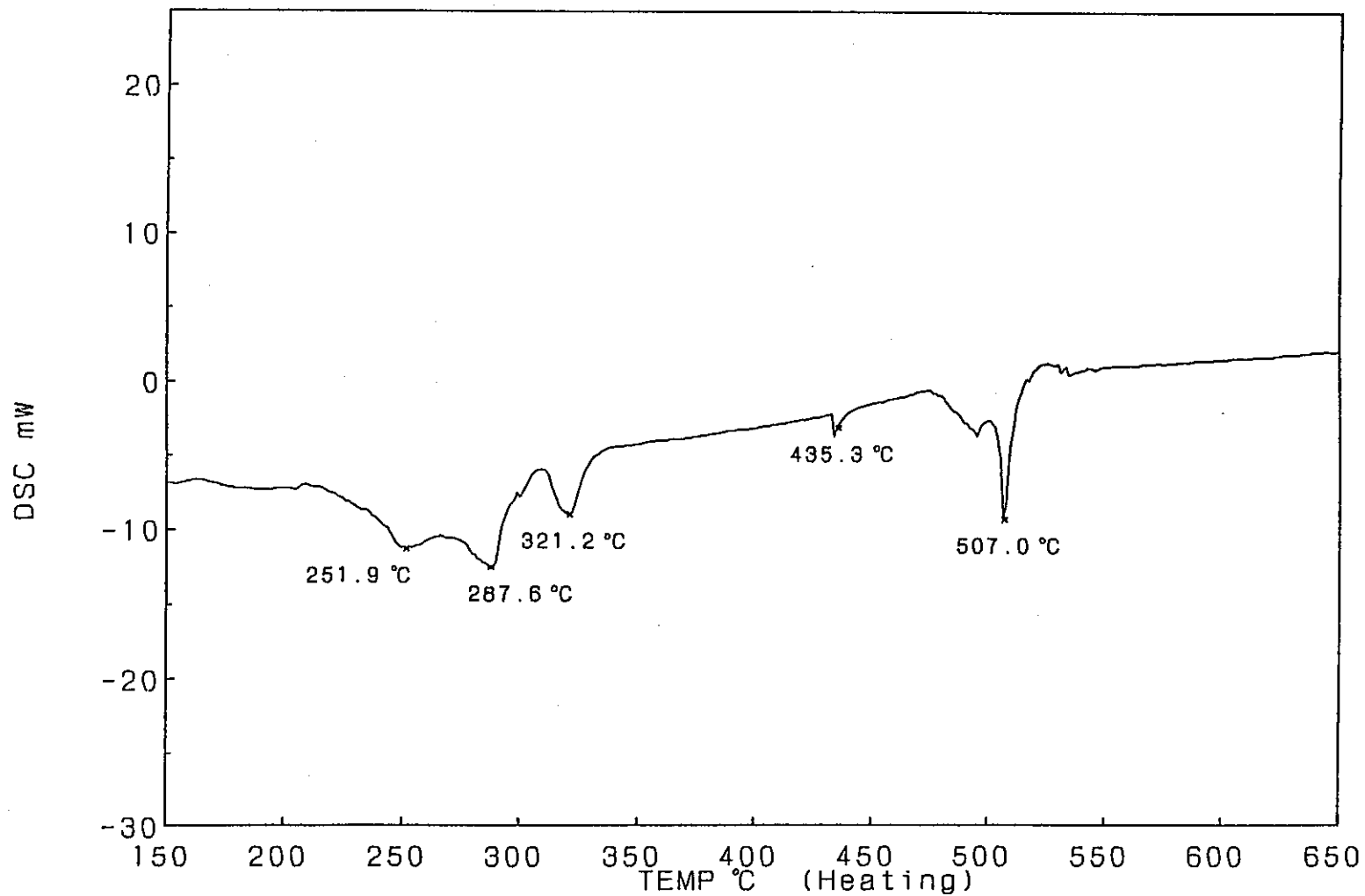
DSC測定チャート 1.① : No.1 (全域)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>		
No.1	0:5:95(mol)	1*	35.0- 740.0	10.00 0.00
10.425 mg	Na2O2 0.000mg	2*	740.0- 100.0	10.00 0.00
(10.425 mg)	Na2O 0.842mg	<Gas>		
<Reference>	NaOH 9.583mg	Ar	40.0 ml/min	
Ag	0.000 mg	<Sampling>	1.0 sec	



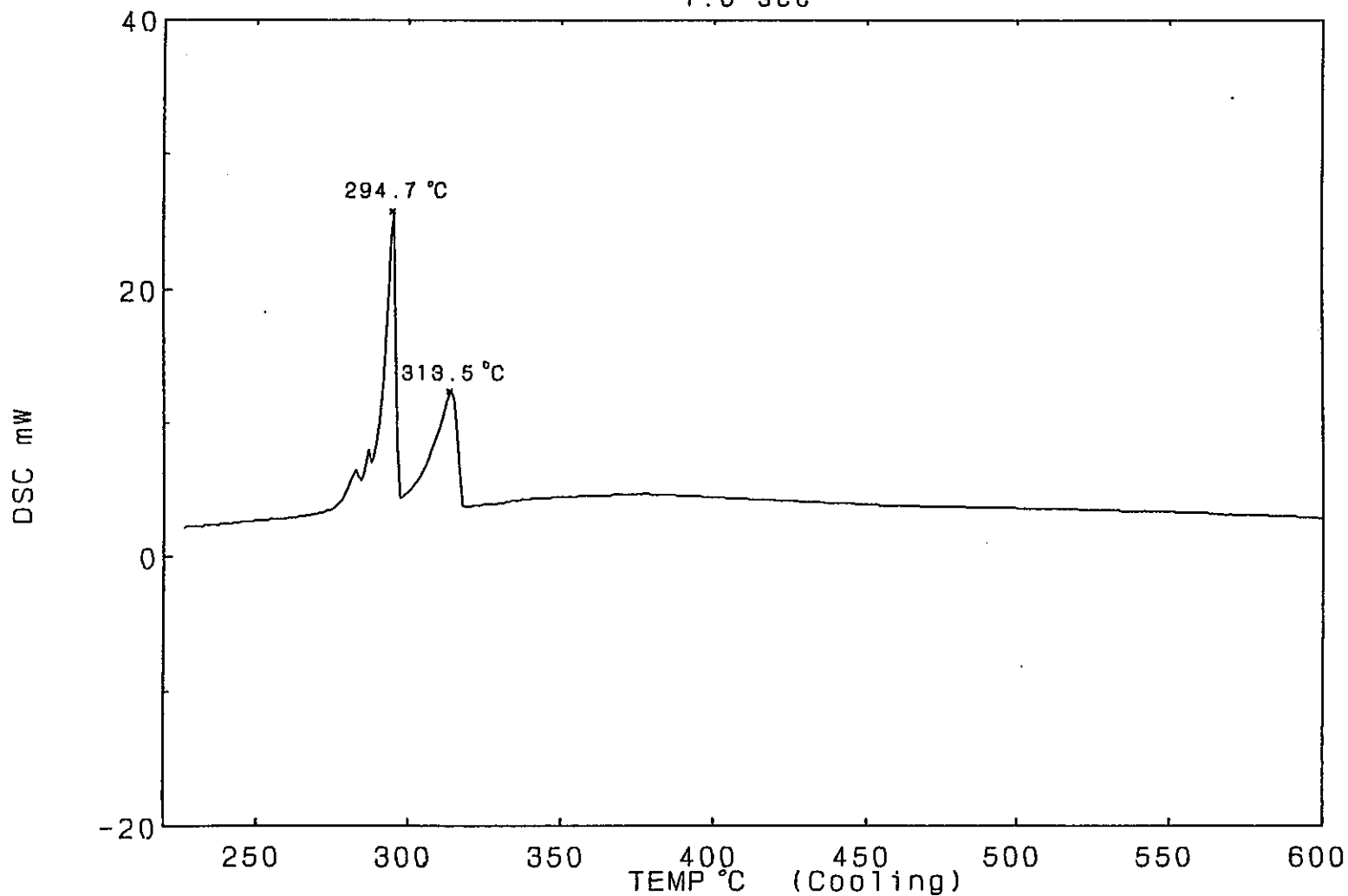
DSC測定チャート 1.② : No.1 (昇温域: 150~650℃)

<Sample>	<Comment>	<Temp.program[℃]	[℃/min]	[min]>
No.1	0:5:95(mol)	1* 35.0- 740.0	10.00	0.00
10.425 mg	Na2O2 0.000mg	2* 740.0- 100.0	10.00	0.00
(10.425 mg)	Na2O 0.842mg	<Gas>		
<Reference>	NaOH 9.583mg	Ar	40.0 ml/min	
Ag	Heating			
0.000 mg	<Sampling>			
	1.0 sec			



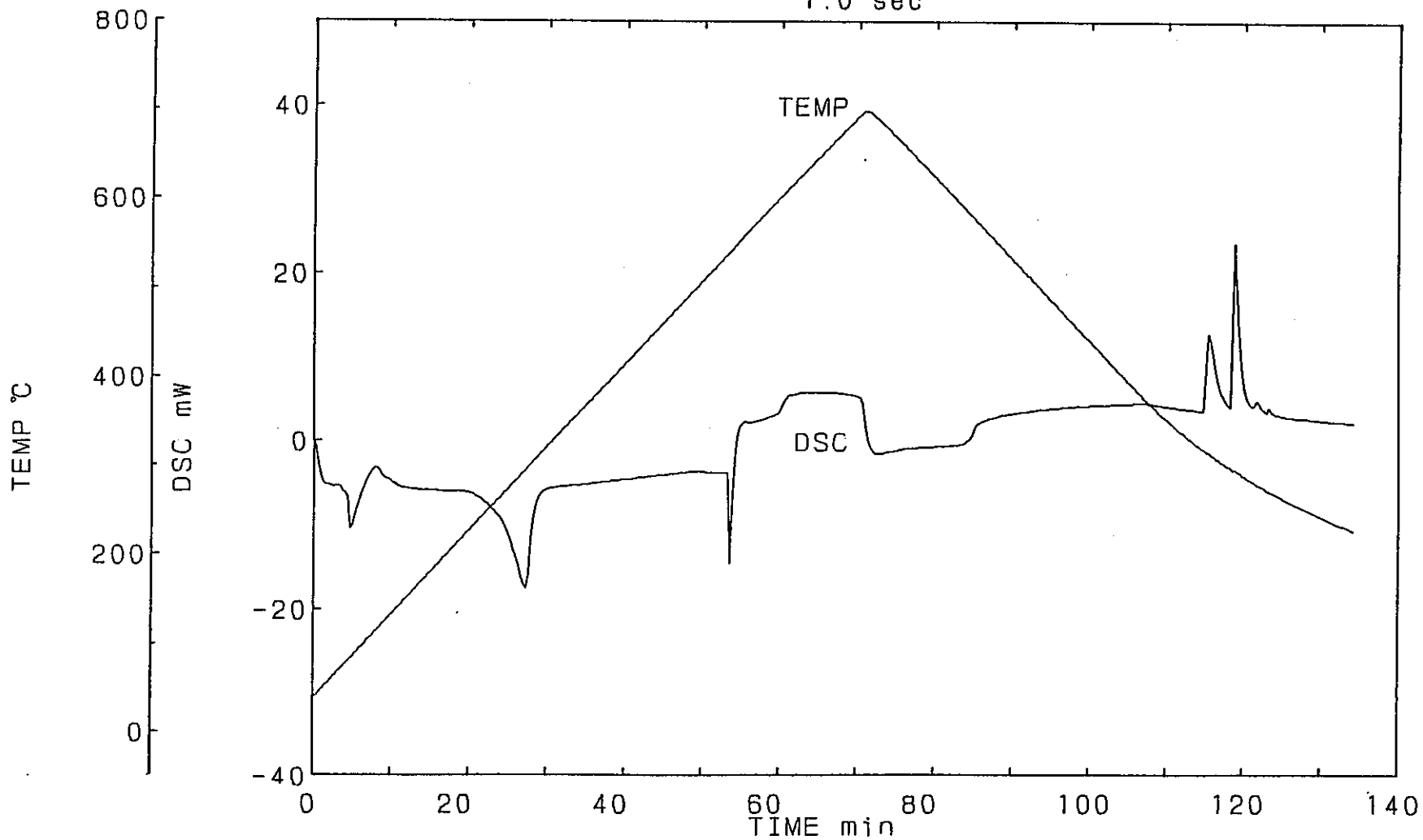
DSC測定チャート 1.③ : No.1 (降温域: 600~200°C)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>		
No.1	0:5:95(mol)	1*	35.0- 740.0	10.00 0.00
10.425 mg	Na2O2 0.000mg	2*	740.0- 100.0	10.00 0.00
(10.425 mg)	Na2O 0.842mg	<Gas>		
<Reference>	NaOH 9.583mg	Ar		
Ag	Cooling	40.0 ml/min		
0.000 mg	<Sampling>			
	1.0 sec			



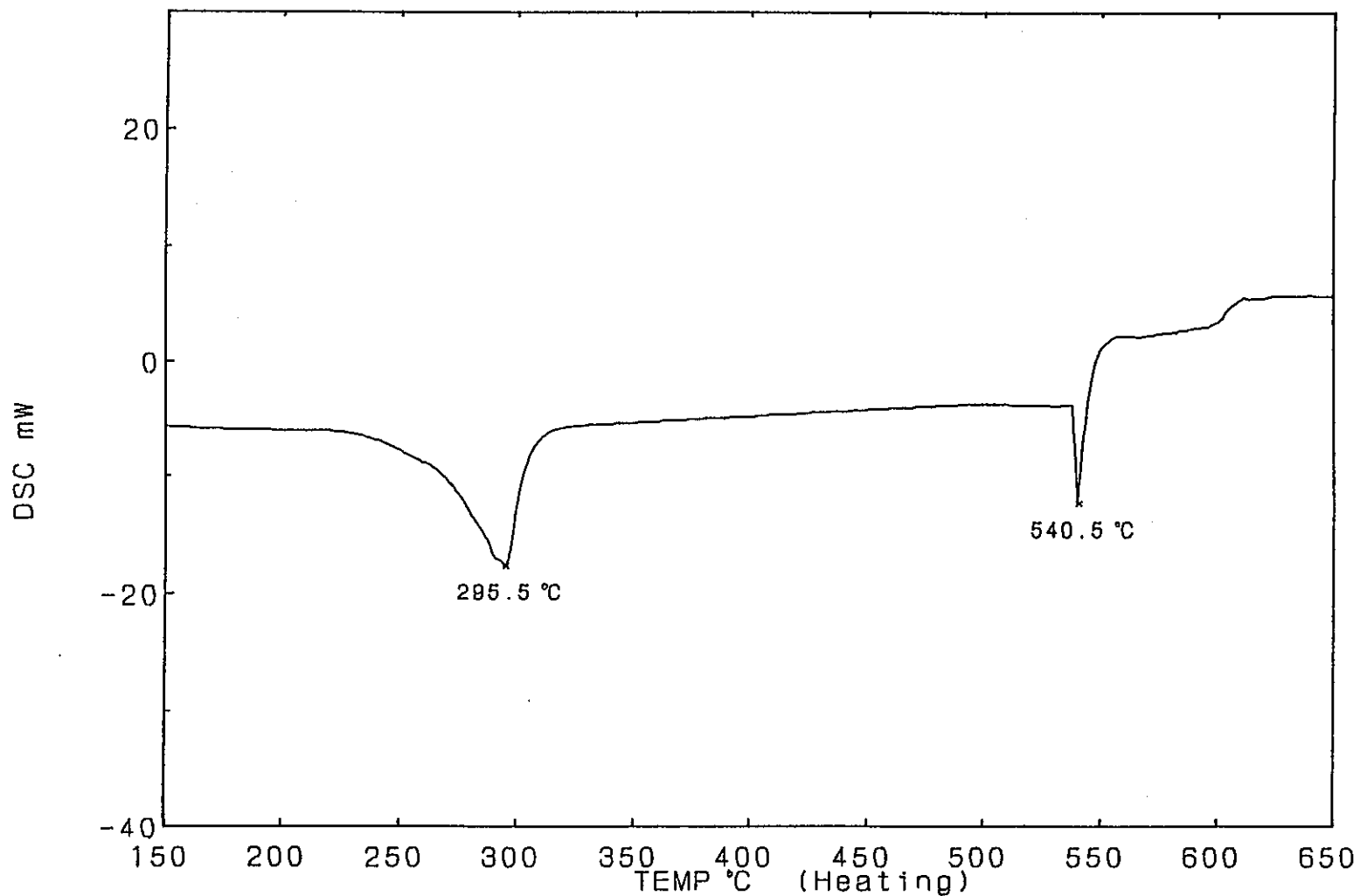
DSC測定チャート 2.① : No.2 (全域)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>		
No.2	5:0:95(mol)	1*	35.0- 740.0	10.00 0.00
10.087 mg	Na2O2 0.941mg	2*	740.0- 100.0	10.00 0.00
(10.087 mg)	Na2O 0.000mg	<Gas>		
<Reference>	NaOH 9.146mg	Ar	40.0 ml/min	
Ag	0.000 mg	<Sampling>		
		1.0 sec		



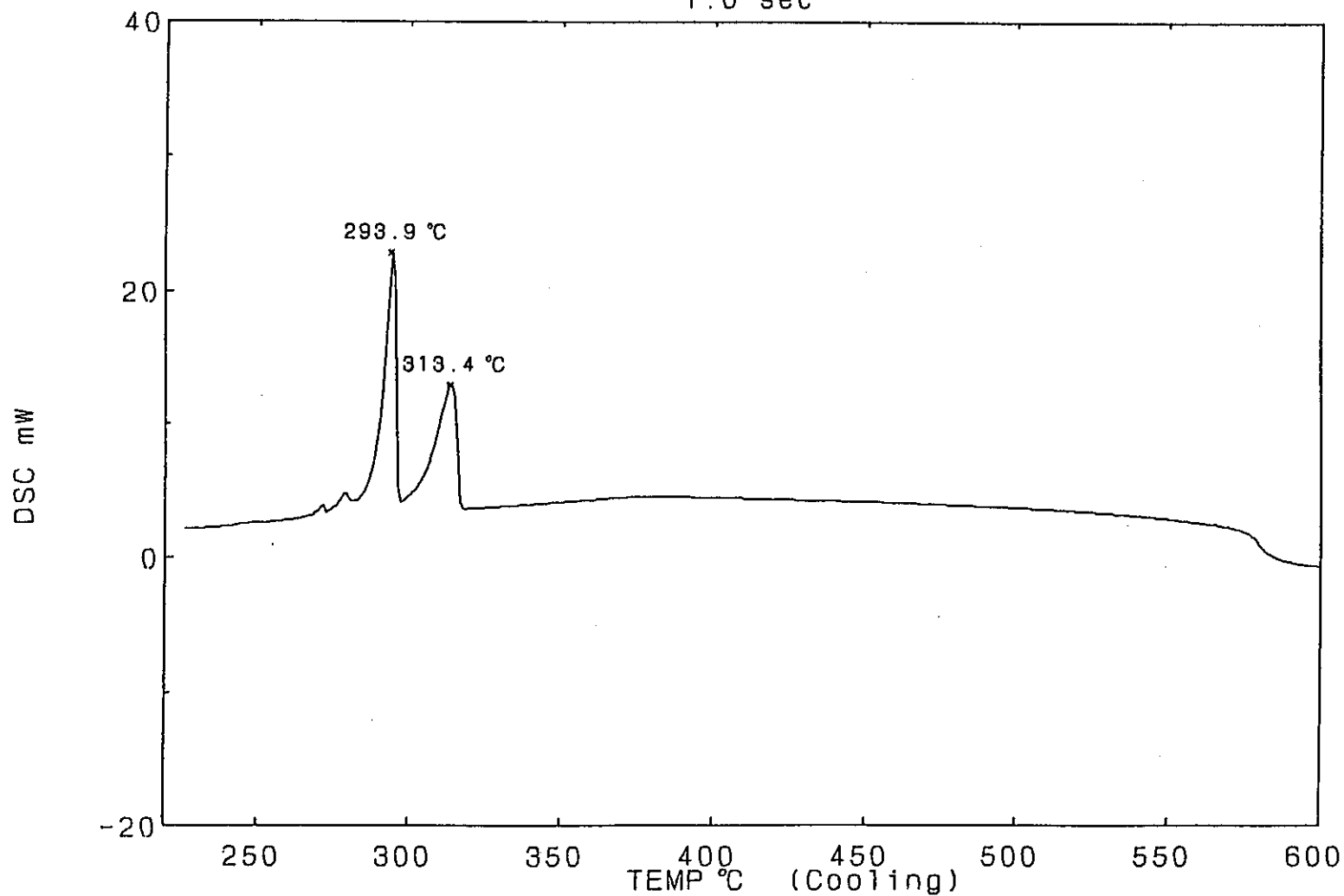
DSC測定チャート 2.② : No.2 (昇温域: 150~650°C)

<Sample>	<Comment>	<Temp. program [°C] [°C/min] [min]>			
No.2	5:0:95 (mol)	1*	35.0- 740.0	10.00	0.00
10.087 mg	Na2O2 0.941mg	2*	740.0- 100.0	10.00	0.00
(10.087 mg)	Na2O 0.000mg	<Gas>			
<Reference>	NaOH 9.146mg	Ar	40.0 ml/min		
Ag	Heating				
0.000 mg	<Sampling>				
	1.0 sec				



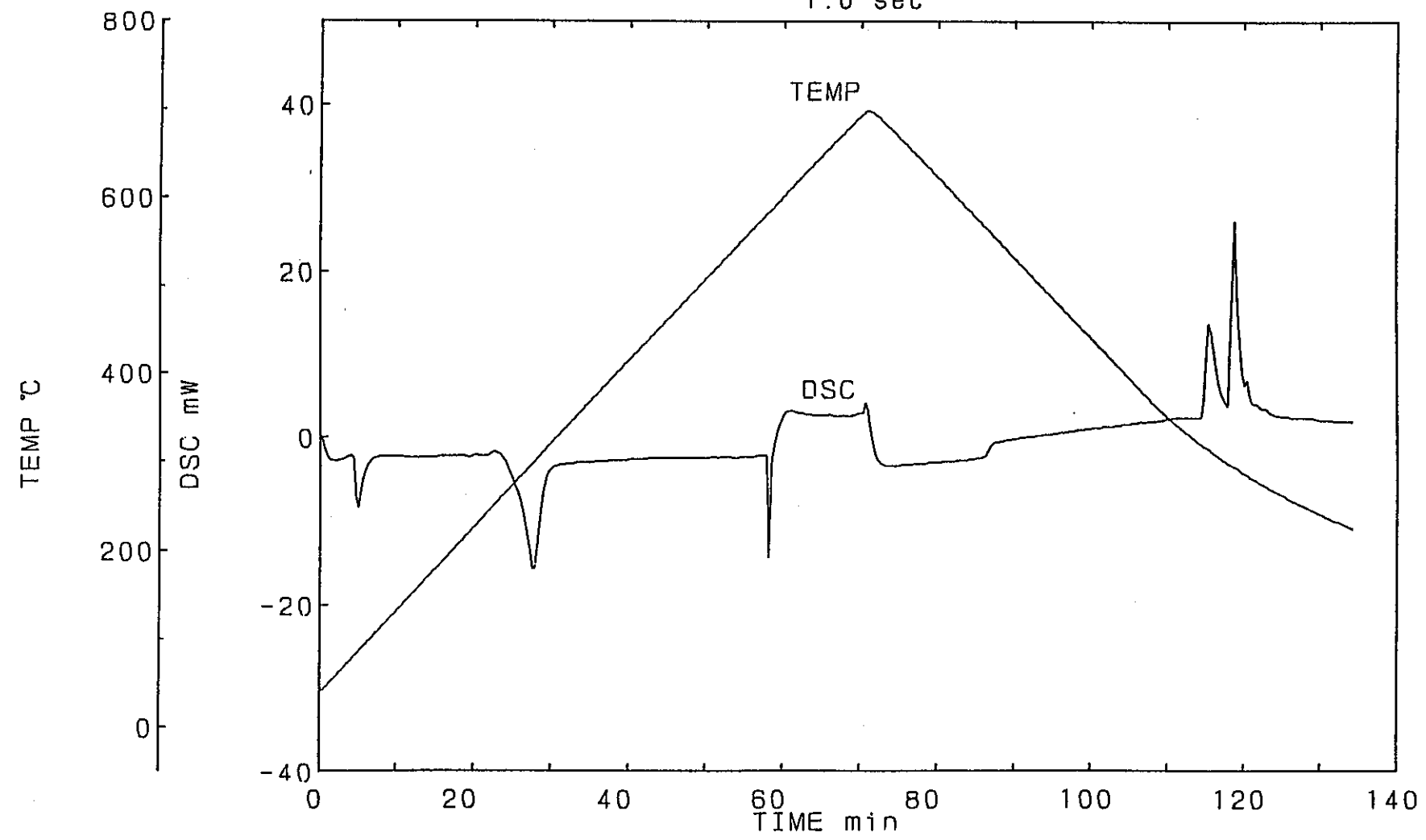
DSC測定チャート 2.③ : No.2 (降温域: 600~200°C)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>		
No.2	5:0:95(mol)	1*	35.0- 740.0	10.00 0.00
10.087 mg	Na2O2 0.941mg	2*	740.0- 100.0	10.00 0.00
(10.087 mg)	Na2O 0.000mg	<Gas>		
<Reference>	NaOH 9.146mg	Ar		
Ag	Cooling	40.0 ml/min		
0.000 mg	<Sampling>	1.0 sec		



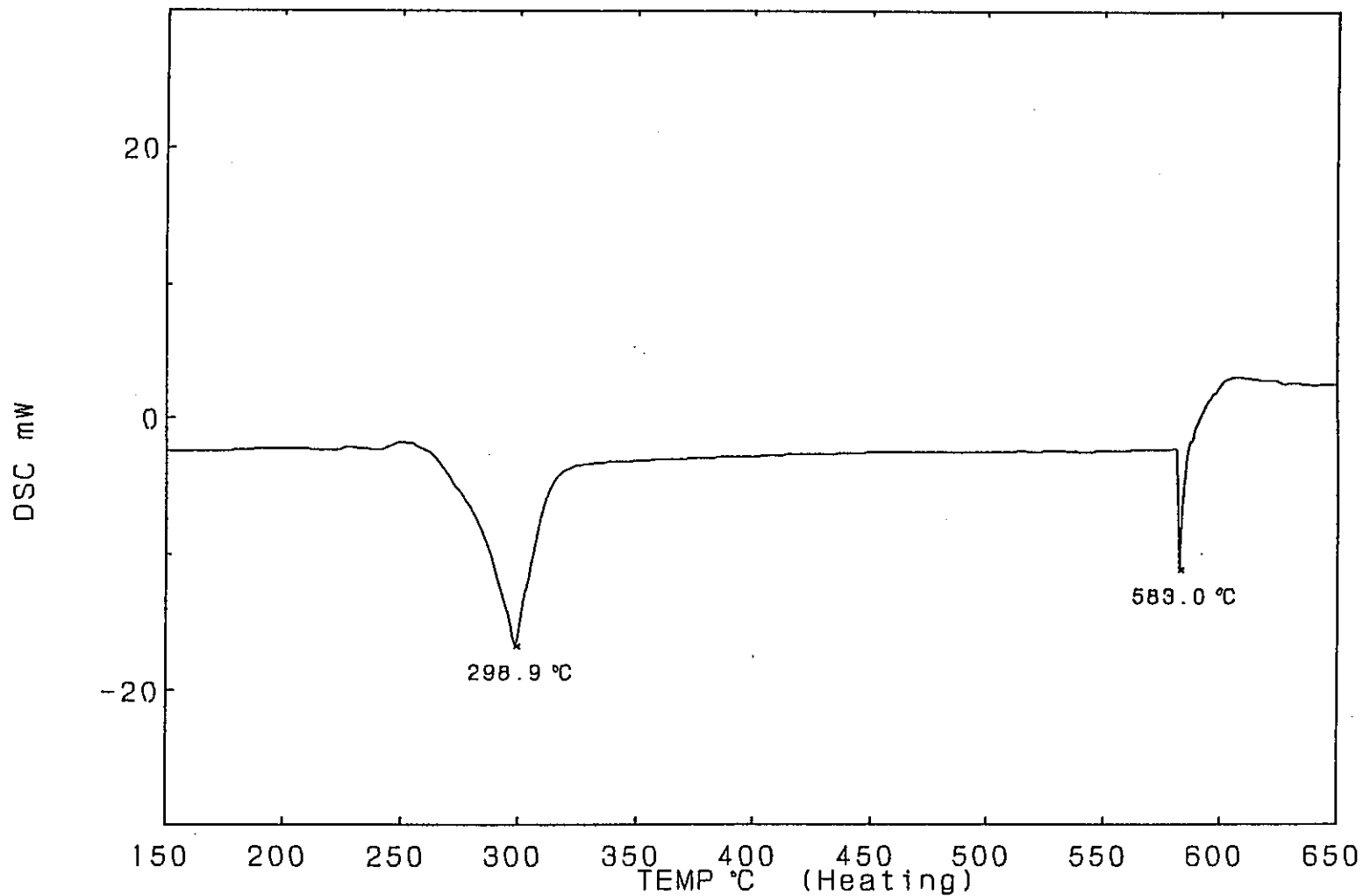
DSC測定チャート 3.④ : No.3 (全域)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>		
No.3	0:10:90(mol)	1*	35.0- 740.0	10.00 0.00
10.230 mg	Na2O2 0.000mg	2*	740.0- 100.0	10.00 0.00
(10.230 mg)	Na2O 1.455mg	<Gas>		
<Reference>	NaOH 8.775mg	Ar	40.0 ml/min	
Ag	0.000 mg	<Sampling>	1.0 sec	



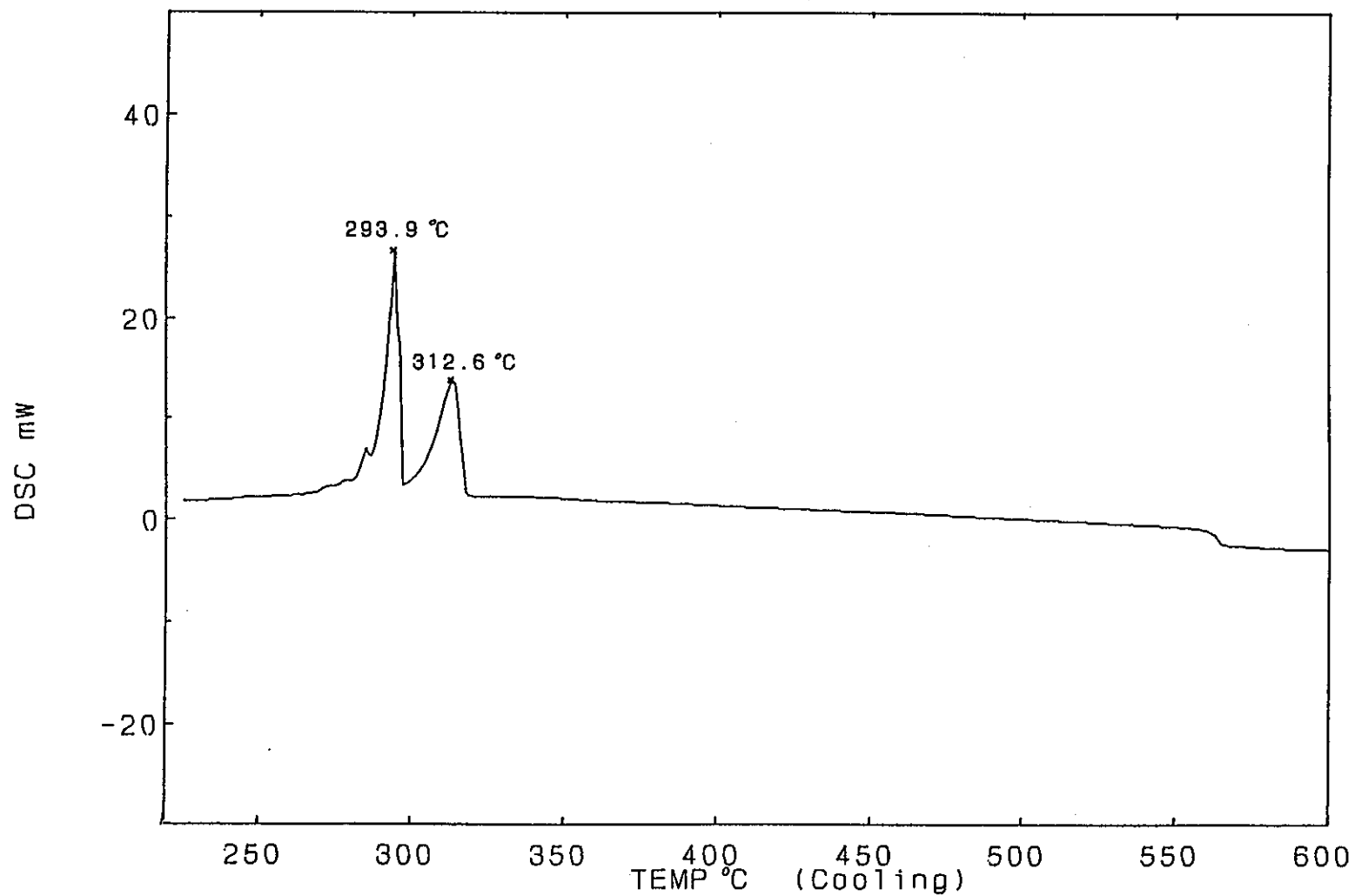
DSC測定チャート 3.② : No. 3 (昇温域: 150~650°C)

<Sample>	<Comment>	<Temp. program [°C] [°C/min] [min]>			
No. 3	0:10:90 (mol)	1*	35.0- 740.0	10.00	0.00
10.230 mg	Na2O2 0.000mg	2*	740.0- 100.0	10.00	0.00
(10.230 mg)	Na2O 1.455mg	<Gas>			
<Reference>	NaOH 8.775mg	Ar	40.0 ml/min		
Ag	Heating				
0.000 mg	<Sampling>				
	1.0 sec				



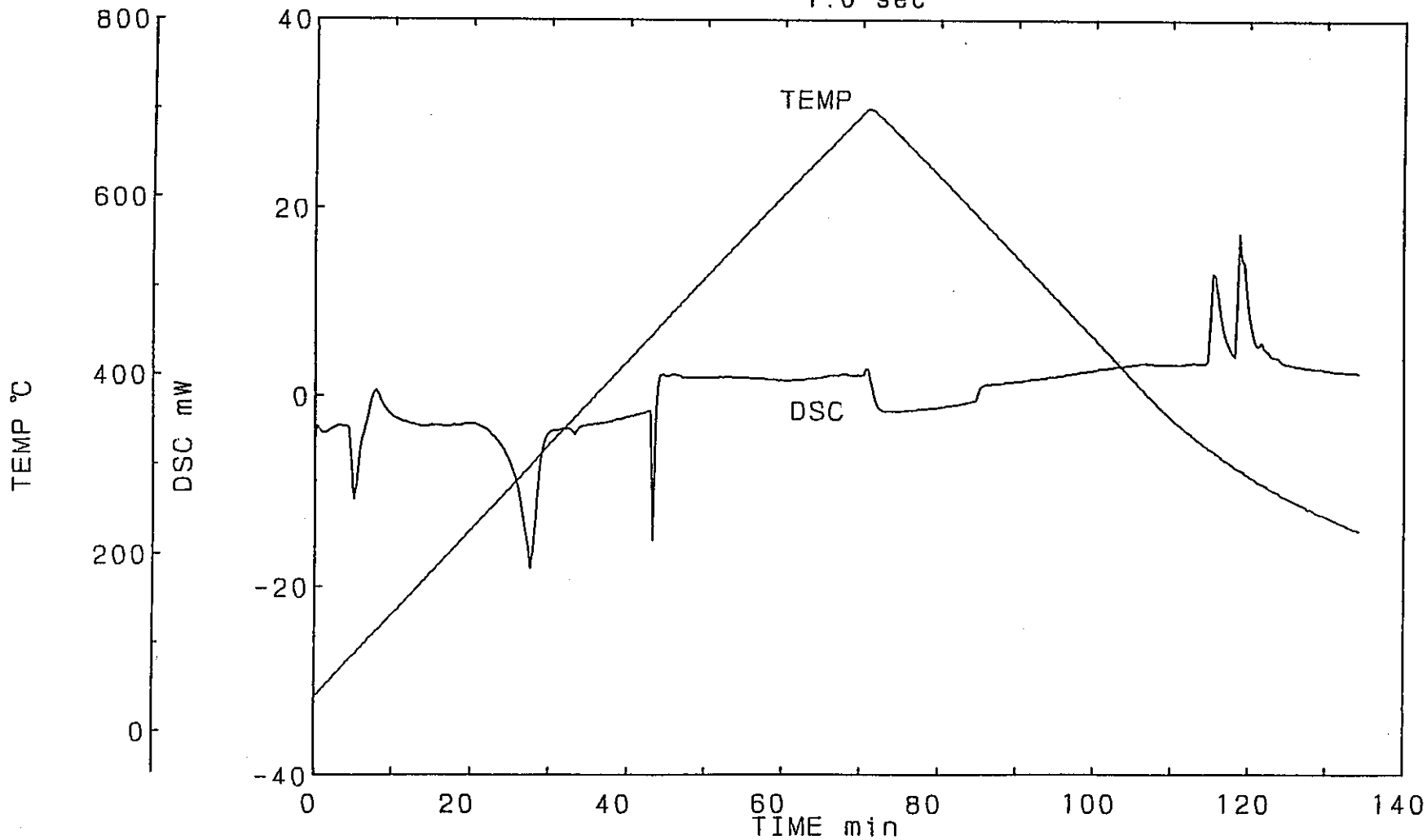
DSC測定チャート 3.③ : No.3 (降温域: 600~200°C)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>			
No.3	0:10:90(mol)	1*	35.0- 740.0	10.00	0.00
10.230 mg	Na2O2 0.000mg	2*	740.0- 100.0	10.00	0.00
(10.230 mg)	Na2O 1.455mg	<Gas>			
<Reference>	NaOH 8.775mg	Ar			
Ag	Cooling	40.0 ml/min			
0.000 mg	<Sampling>	1.0 sec			



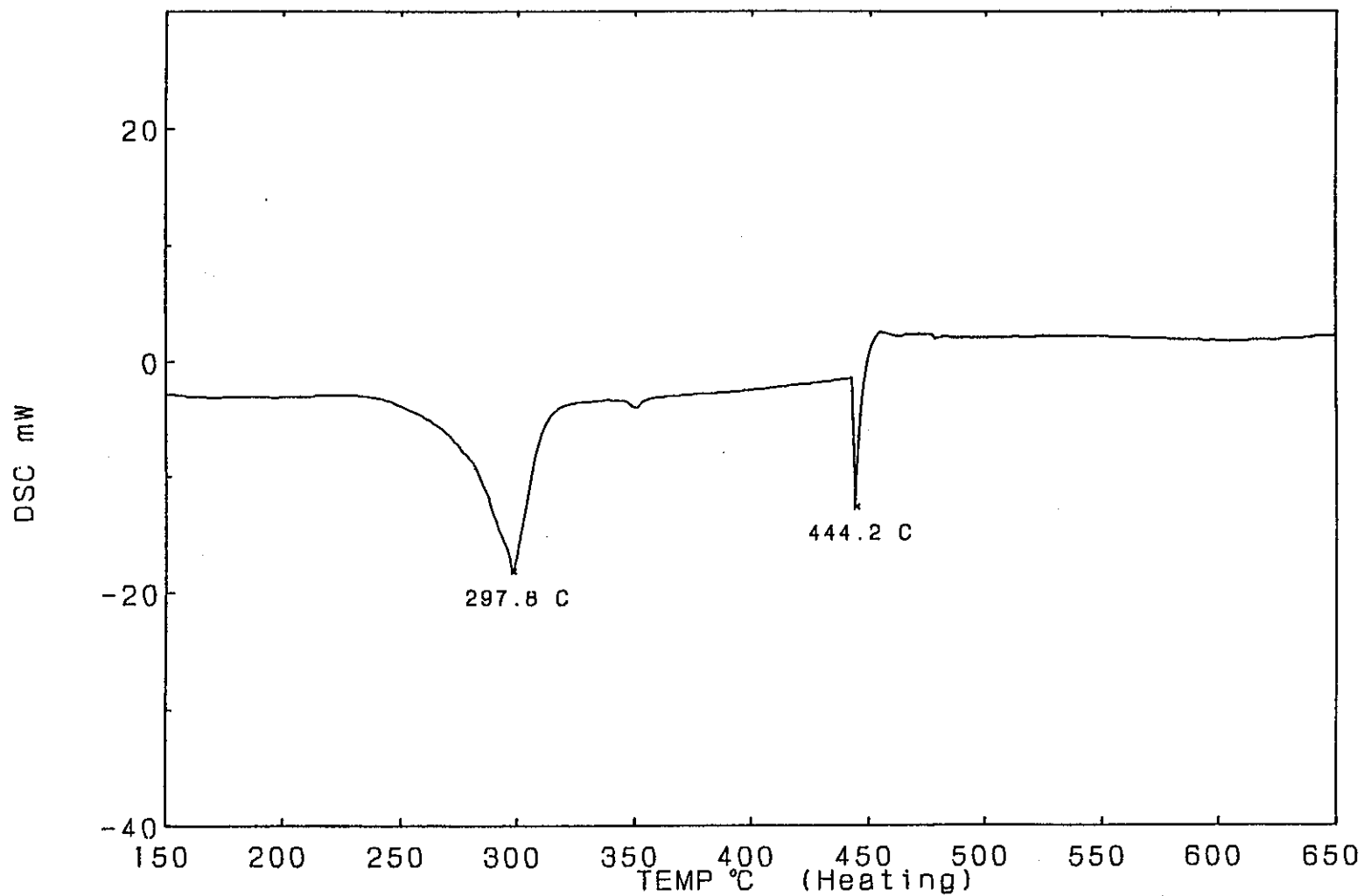
DSC測定チャート 4.① : No.4 (全域)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>		
No.4	10:0:90(mol)	1*	35.0- 740.0	10.00 0.00
10.956 mg	Na2O2 1.961mg	2*	740.0- 100.0	10.00 0.00
(10.956 mg)	Na2O 0.000mg	<Gas>		
<Reference>	NaOH 8.995mg	Ar	40.0 ml/min	
Ag	0.000 mg	<Sampling>		
		1.0 sec		



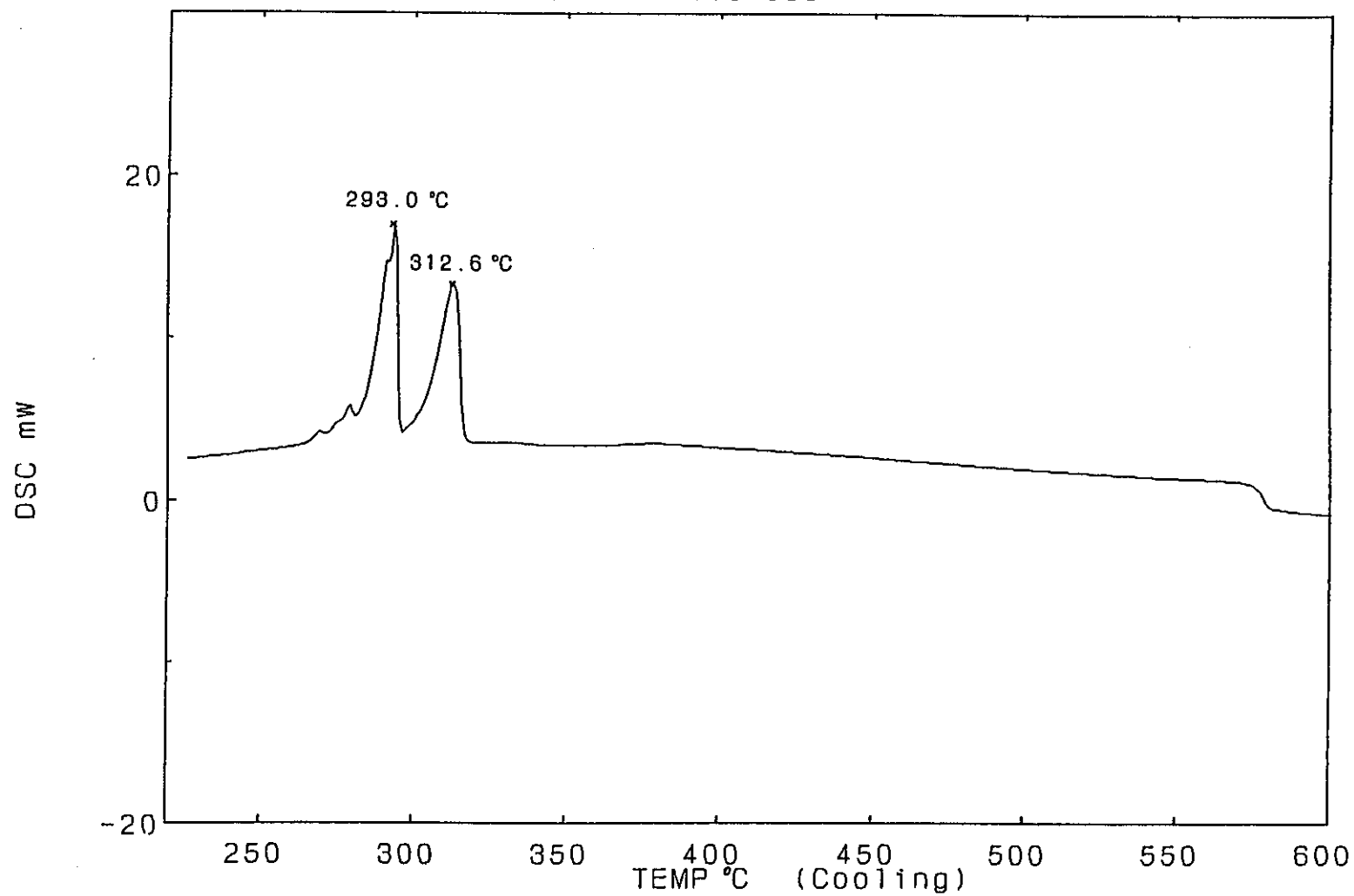
DSC測定チャート 4.② : No.4 (昇温域: 150~650°C)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>			
No.4	10:0:90(mol)	1*	35.0- 740.0	10.00	0.00
10.956 mg	Na2O2 1.961mg	2*	740.0- 100.0	10.00	0.00
(10.956 mg)	Na2O 0.000mg	<Gas>			
<Reference>	NaOH 8.995mg	Ar	40.0 ml/min		
Ag	Heating				
0.000 mg	<Sampling>				
	1.0 sec				



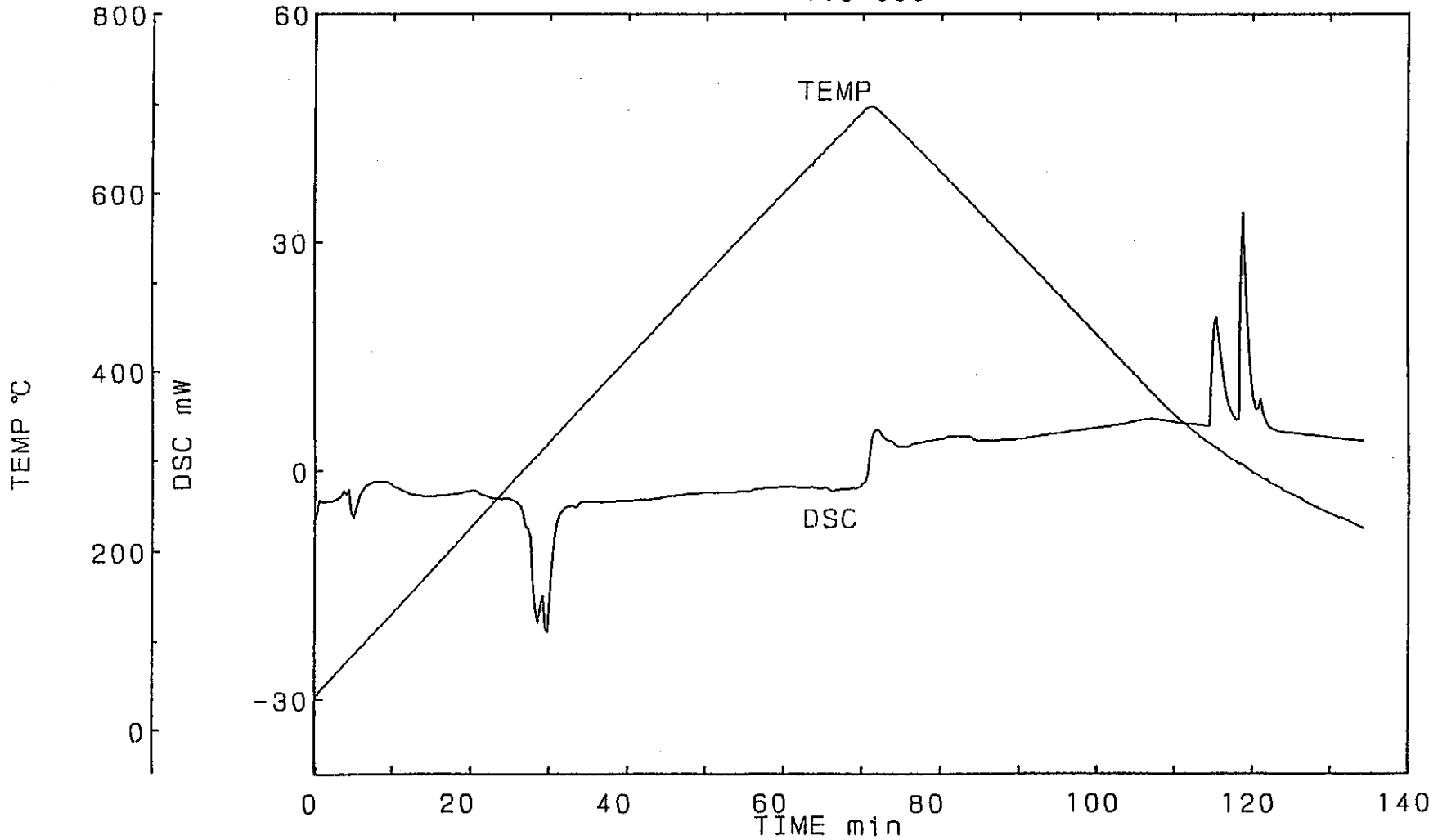
DSC測定チャート 4.③ : No. 4 (降温域: 600~200°C)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>		
No. 4	10:0:90(mol)	1*	35.0- 740.0	10.00 0.00
10.956 mg	Na2O2 1.961mg	2*	740.0- 100.0	10.00 0.00
(10.956 mg)	Na2O 0.000mg	<Gas>		
<Reference>	NaOH 8.995mg	Ar		
Ag	Cooling	40.0 ml/min		
0.000 mg	<Sampling>	1.0 sec		



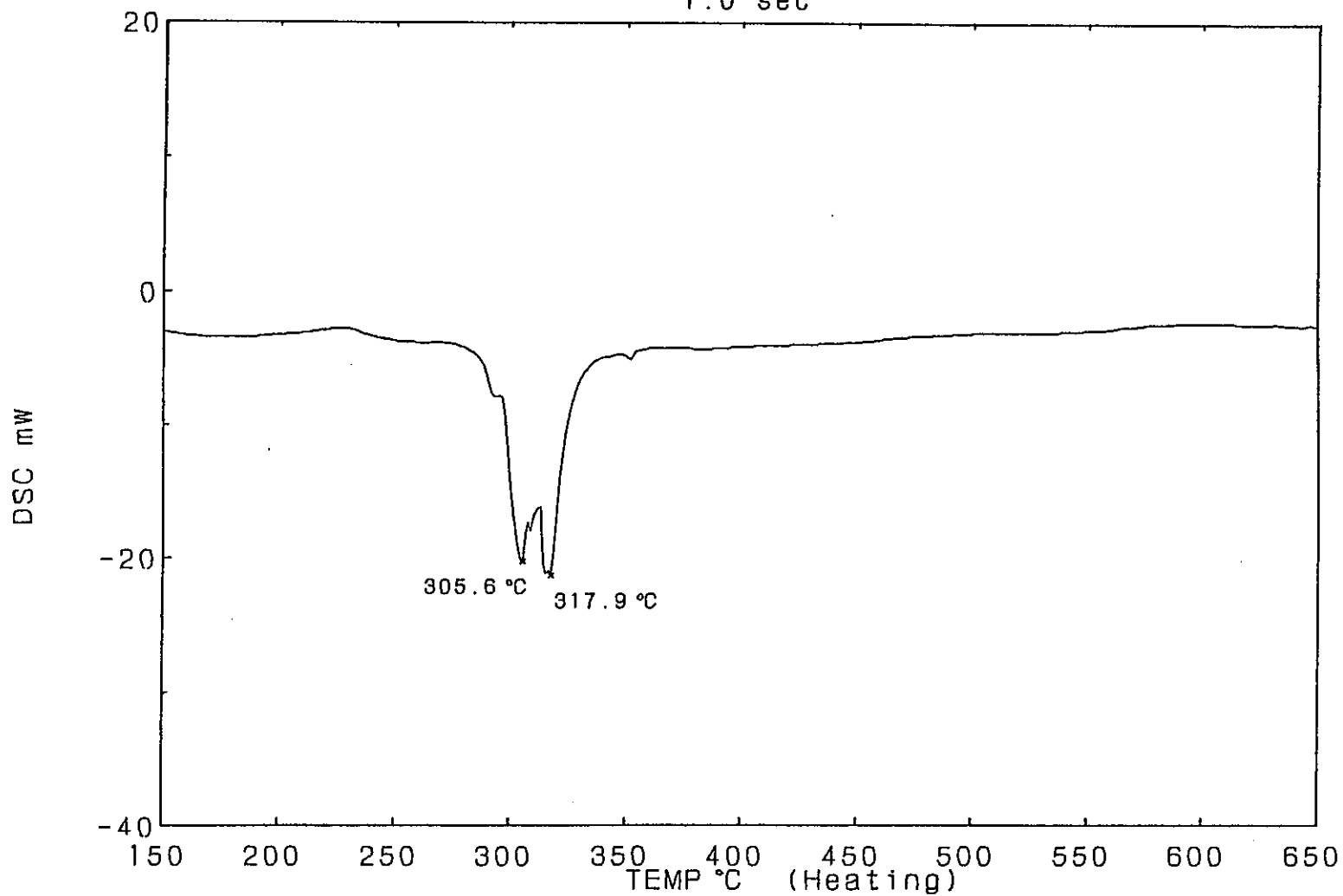
DSC測定チャート 5.① : No.5 (全域)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>		
No.5	0:20:80(mol)	1*	35.0- 740.0	10.00 0.00
10.003 mg	Na2O2 0.000mg	2*	740.0- 100.0	10.00 0.00
(10.003 mg)	Na2O 2.803mg	<Gas>		
<Reference>	NaOH 7.200mg	Ar		
Ag	0.000 mg	40.0 ml/min		
	<Sampling>	1.0 sec		



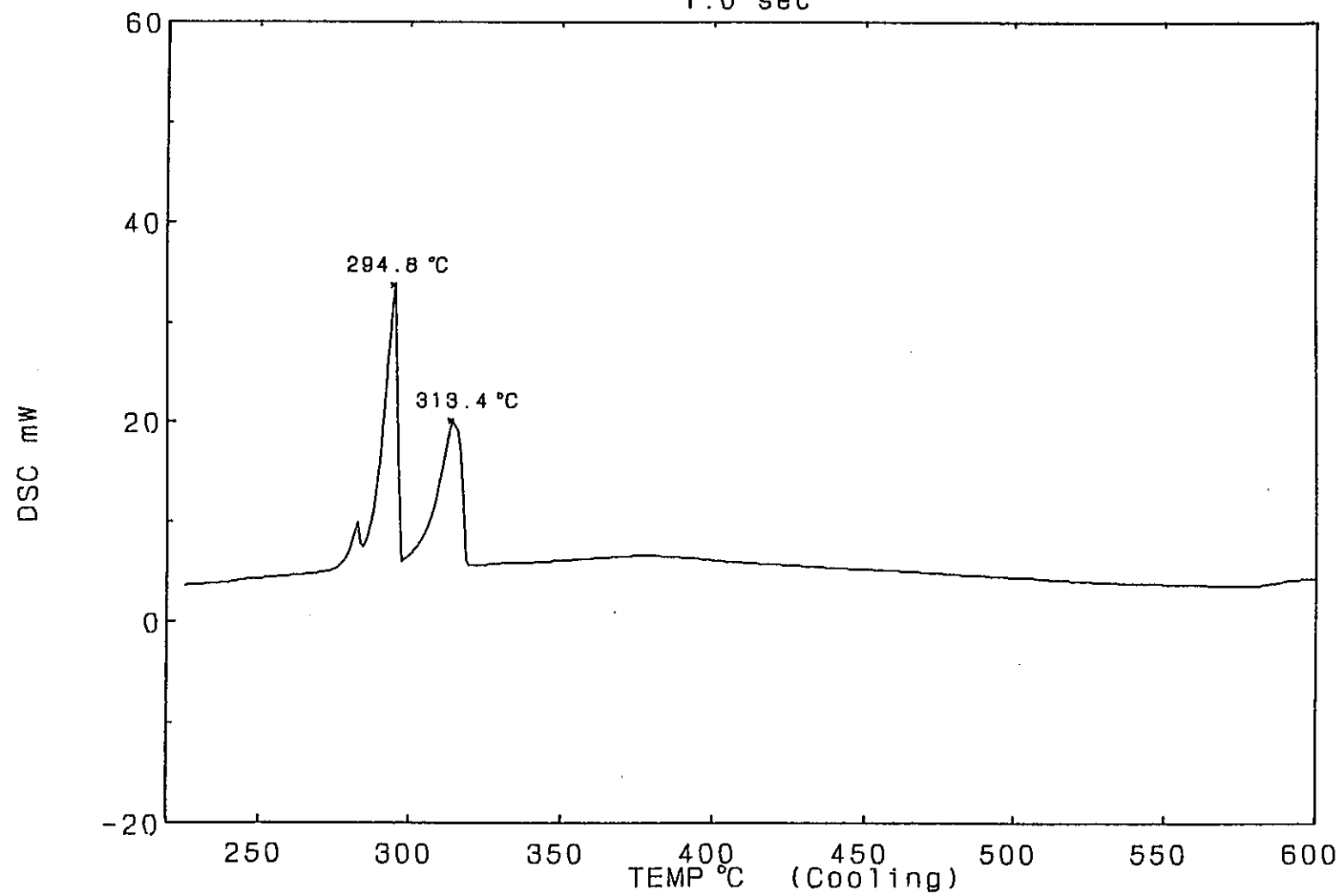
DSC測定チャート 5.② : No.5 (昇温域: 150~650°C)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>			
No.5	0:20:80(mol)	1*	35.0- 740.0	10.00	0.00
10.003 mg	Na2O2 0.000mg	2*	740.0- 100.0	10.00	0.00
(10.003 mg)	Na2O 2.803mg	<Gas>			
<Reference>	NaOH 7.200mg	Ar			
Ag	Heating	40.0 ml/min			
0.000 mg	<Sampling>	1.0 sec			



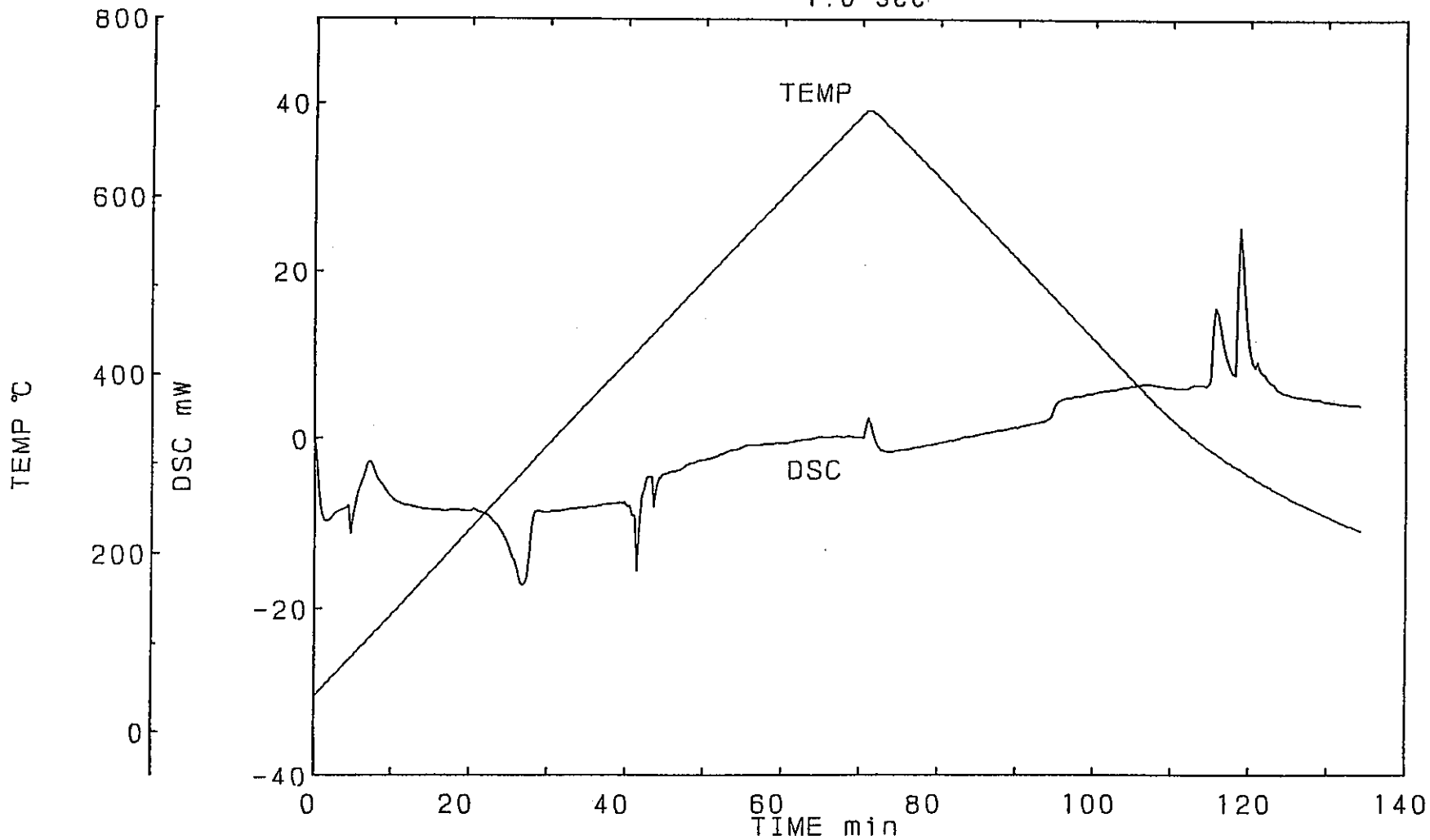
DSC測定チャート 5.③ : No.5 (降温域: 600~200°C)

<Sample>	<Comment>	<Temp.program[°C]	[°C/min]	[min]>
No.5	0:20:80(mol)	1* 35.0- 740.0	10.00	0.00
10.003 mg	Na2O2 0.000mg	2* 740.0- 100.0	10.00	0.00
(10.003 mg)	Na2O 2.803mg	<Gas>		
<Reference>	NaOH 7.200mg	Ar	40.0 ml/min	
Ag	Cooling			
0.000 mg	<Sampling>			
	1.0 sec			



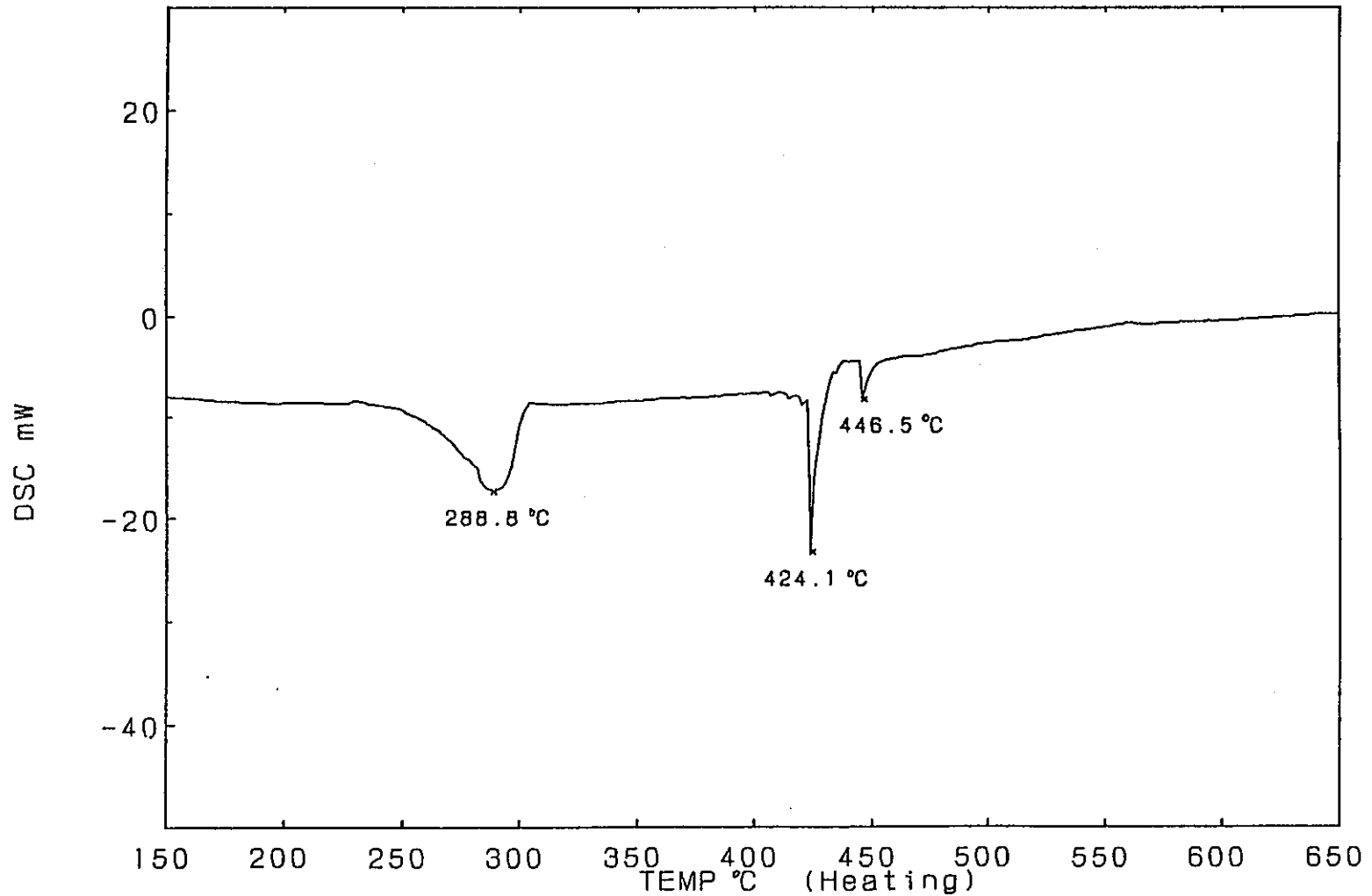
DSC測定チャート 6.① : No.6 (全域)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>		
No.6	10:10:80(mol)	1*	35.0- 740.0	10.00 0.00
9.870 mg	Na2O2 1.628mg	2*	740.0- 100.0	10.00 0.00
(9.870 mg)	Na2O 1.342mg	<Gas>		
<Reference>	NaOH 6.900mg	Ar	40.0 ml/min	
Ag	0.000 mg	<Sampling>		
		1.0 sec		



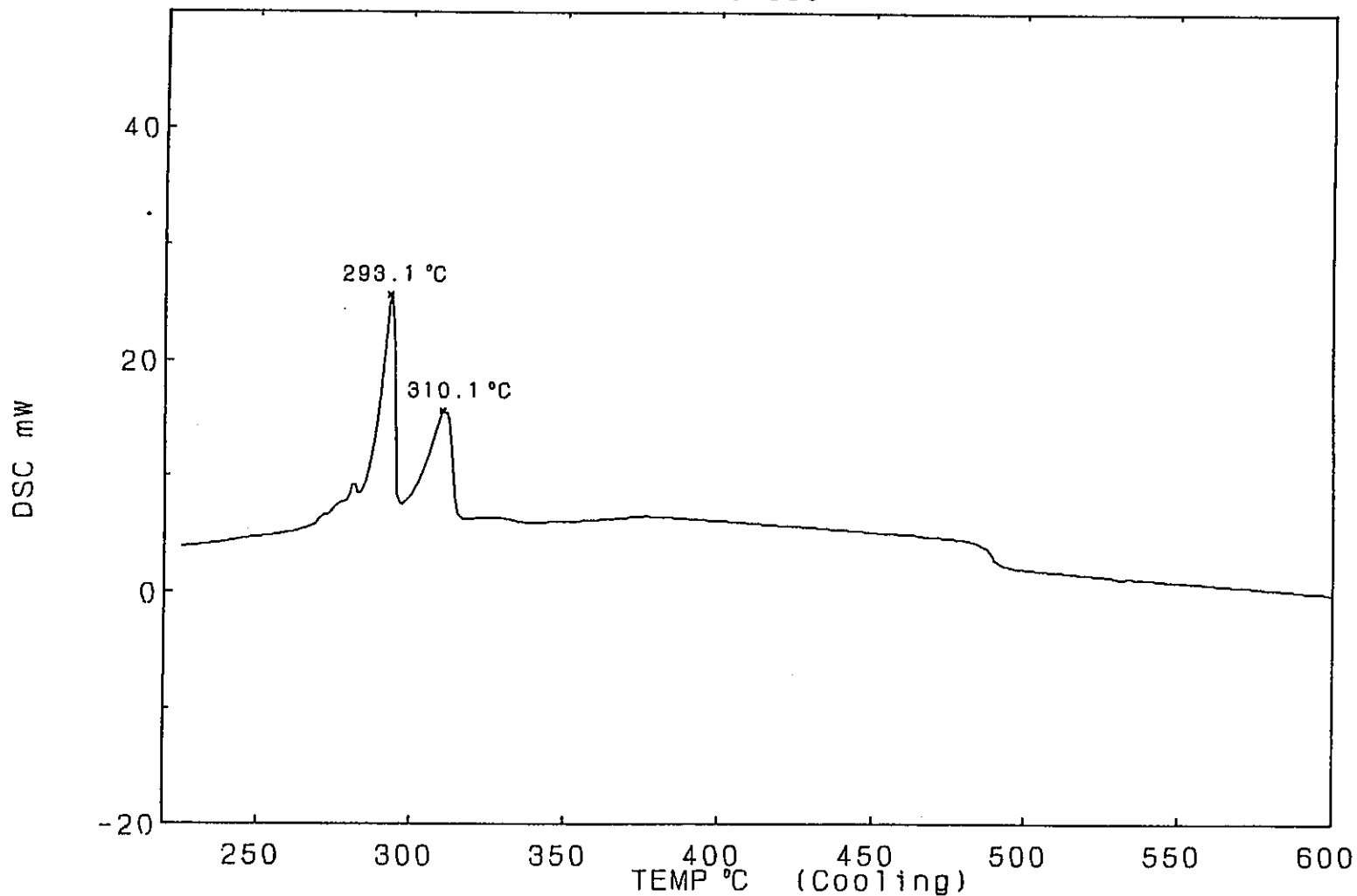
DSC測定チャート 6.② : No.6 (昇温域: 150~650℃)

<Sample>	<Comment>	<Temp.program[°C]	[°C/min]	[min]>
No.6	10:10:80(mol)	1* 35.0- 740.0	10.00	0.00
9.870 mg	Na2O2 1.628mg	2* 740.0- 100.0	10.00	0.00
(9.870 mg)	Na2O 1.342mg	<Gas>		
<Reference>	NaOH 6.900mg	Ar	40.0 ml/min	
Ag	Heating			
0.000 mg	<Sampling>			
	1.0 sec			



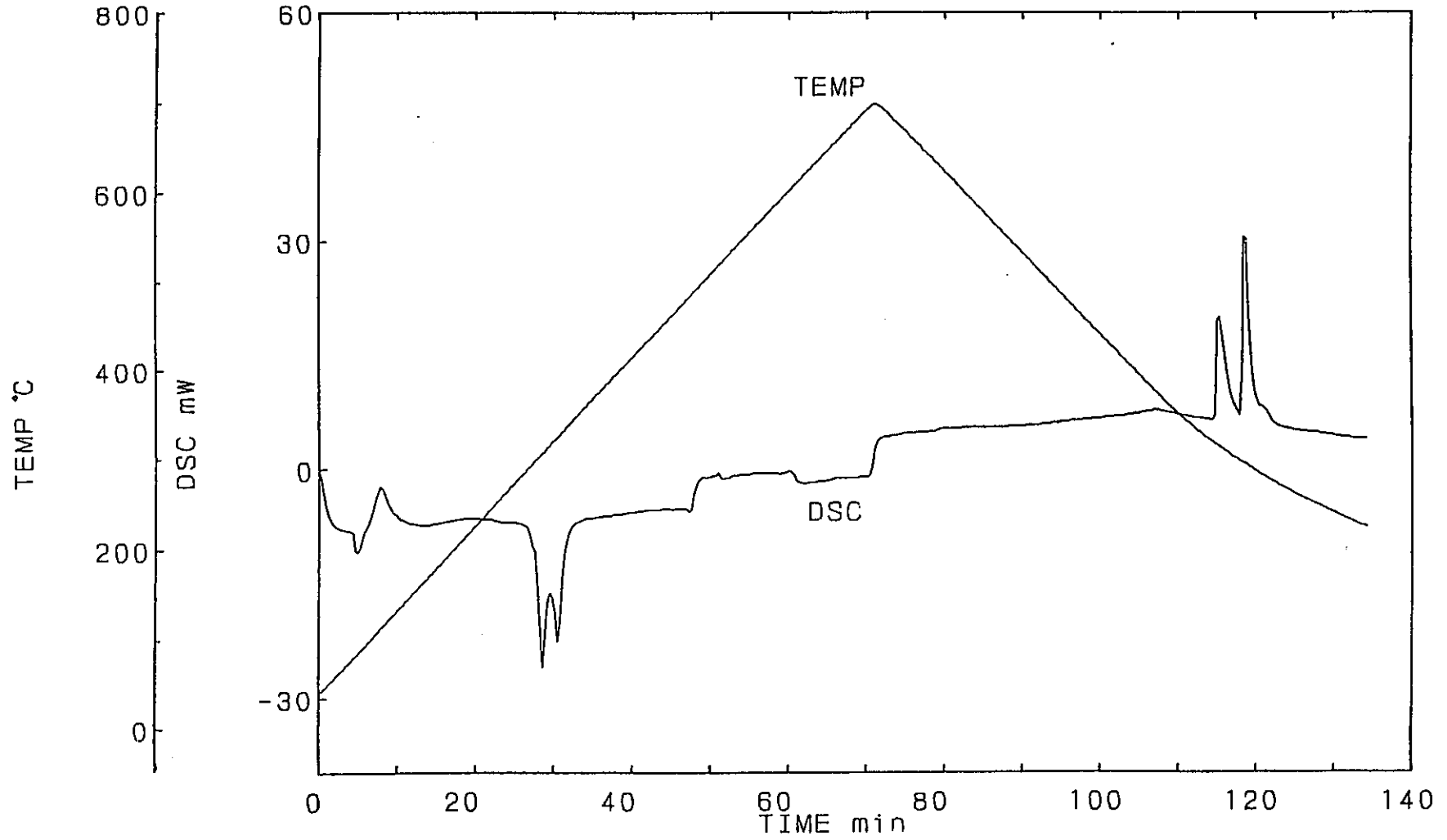
DSC測定チャート 6.③ : No.6 (降温域: 600~200°C)

<Sample>	<Comment>	<Temp.program[°C]	[°C/min]	[min]>
No.6	10:10:80(mol)	1*	35.0- 740.0	10.00 0.00
9.870 mg	Na2O2 1.628mg	2*	740.0- 100.0	10.00 0.00
(9.870 mg)	Na2O 1.342mg	<Gas>		
<Reference>	NaOH 6.900mg	Ar		40.0 ml/min
Ag	Cooling			
0.000 mg	<Sampling>			
	1.0 sec			



DSC測定チャート 7.① : No.7 (全域)

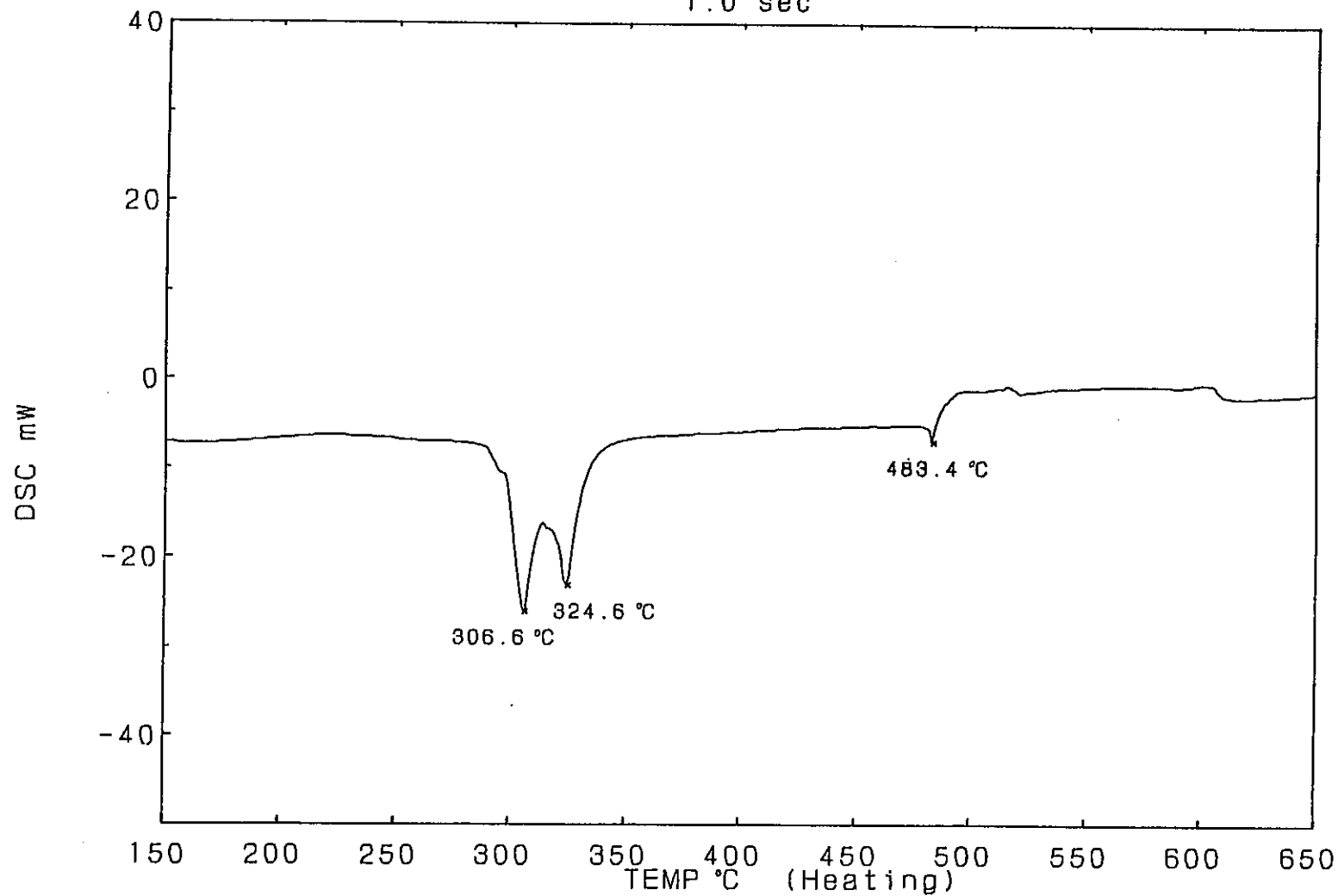
<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>		
No.7	20:0:80(mol)	1*	35.0- 740.0	10.00 0.00
9.795 mg	Na2O2 3.177mg	2*	740.0- 100.0	10.00 0.00
(9.795 mg)	Na2O 0.000mg	<Gas>		
<Reference>	NaOH 6.618mg	Ar	40.0 ml/min	
Ag	0.000 mg	<Sampling>		
		1.0 sec		



DSC測定チャート 7.② : No.7 (昇温域: 150~650°C)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>		
No.7	20:0:80(mol)	1*	35.0- 740.0	10.00 0.00
9.795 mg	Na2O2 3.177mg	2*	740.0- 100.0	10.00 0.00
(9.795 mg)	Na2O 0.000mg	<Gas>		
<Reference>	NaOH 6.618mg	Ar	40.0 ml/min	
Ag	Heating			
0.000 mg	<Sampling>			

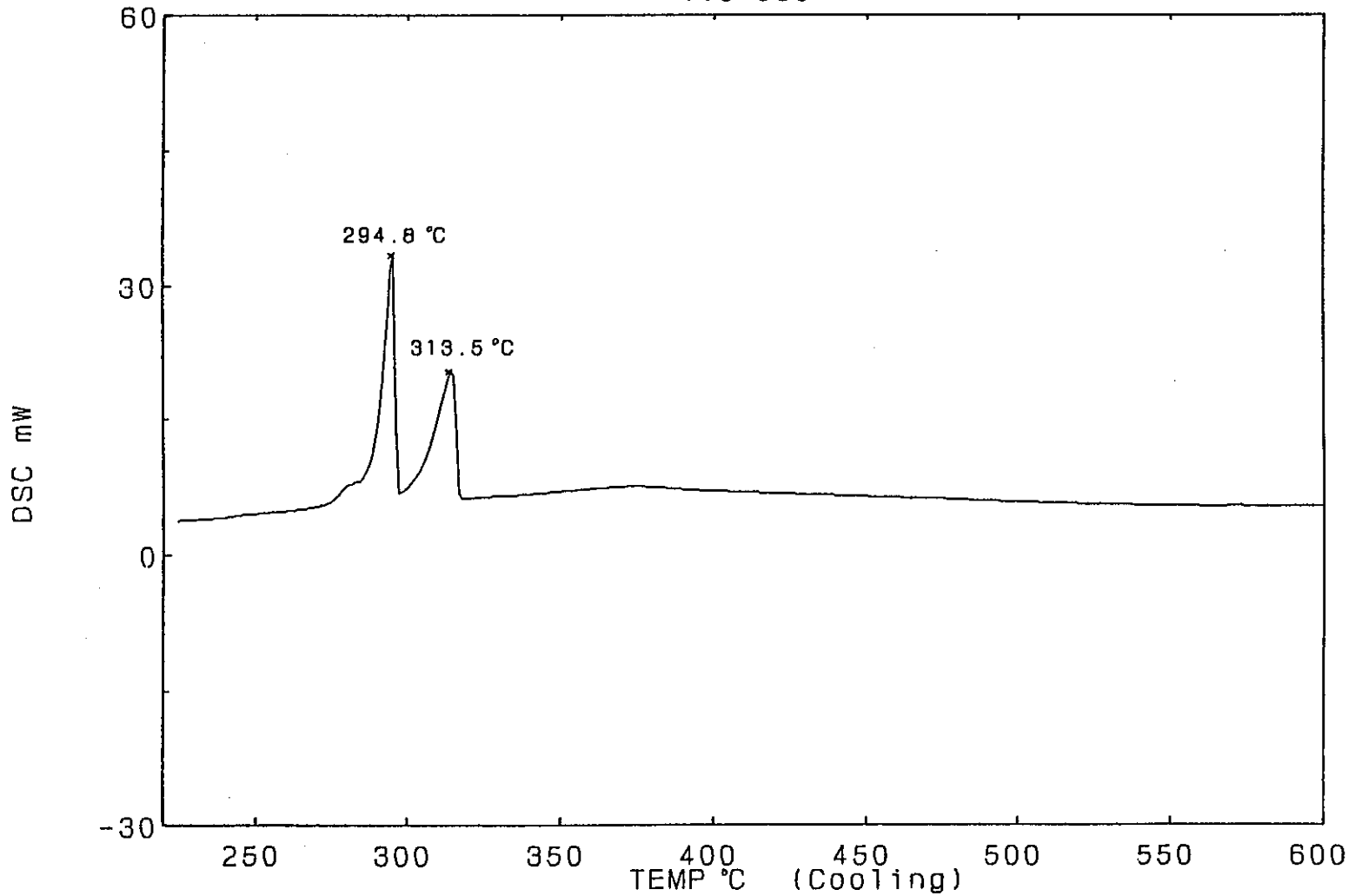
1.0 sec



DSC測定チャート 7.③ : No.7 (降温域: 600~200°C)

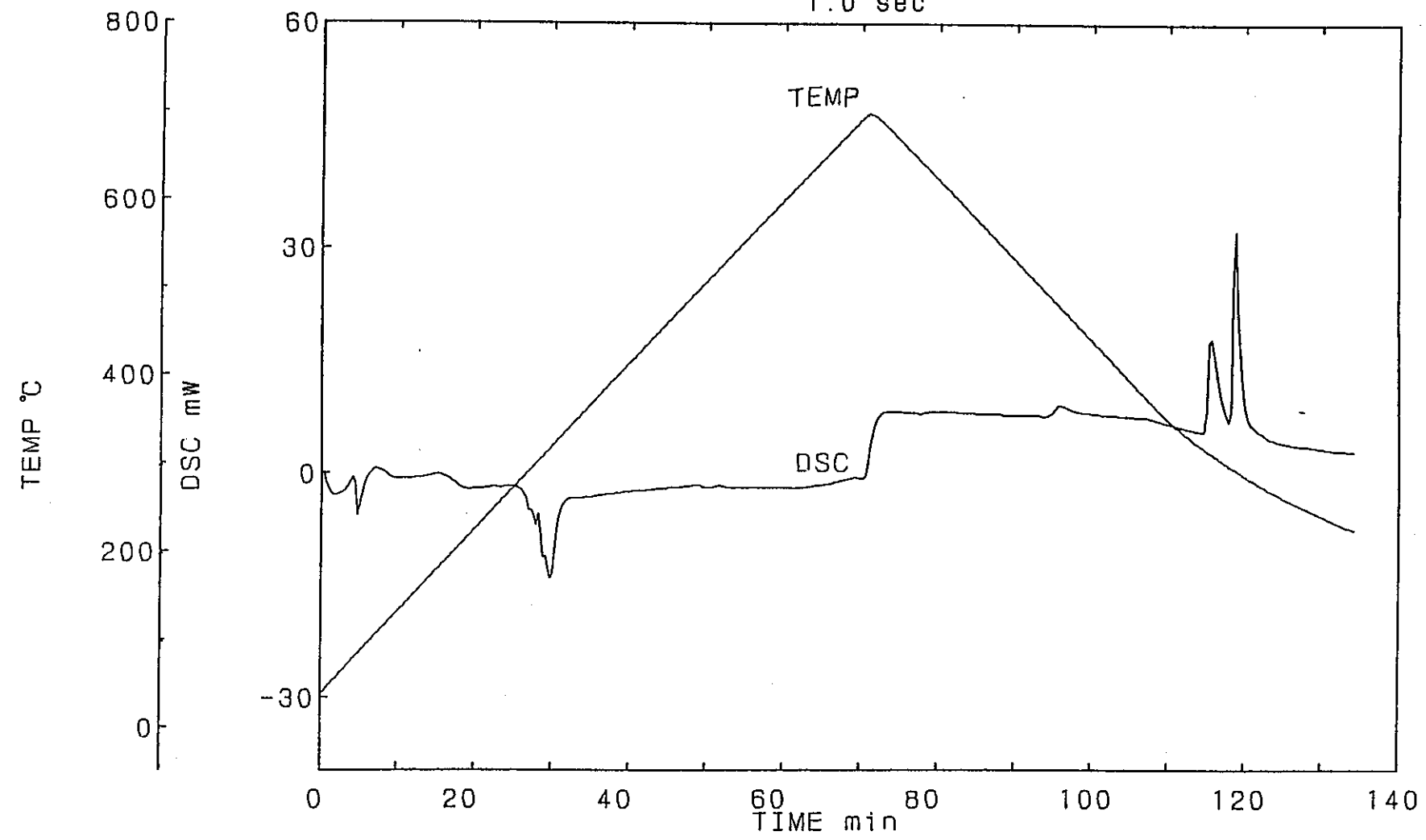
<Sample>	<Comment>	<Temp.program[°C]	[°C/min]	[min]>
No.7	20:0:80(mol)	1* 35.0- 740.0	10.00	0.00
9.795 mg	Na2O2 3.177mg	2* 740.0- 100.0	10.00	0.00
(9.795 mg)	Na2O 0.000mg	<Gas>		
<Reference>	NaOH 6.618mg	Ar	40.0 ml/min	
Ag	Cooling			
0.000 mg	<Sampling>			

1.0 sec



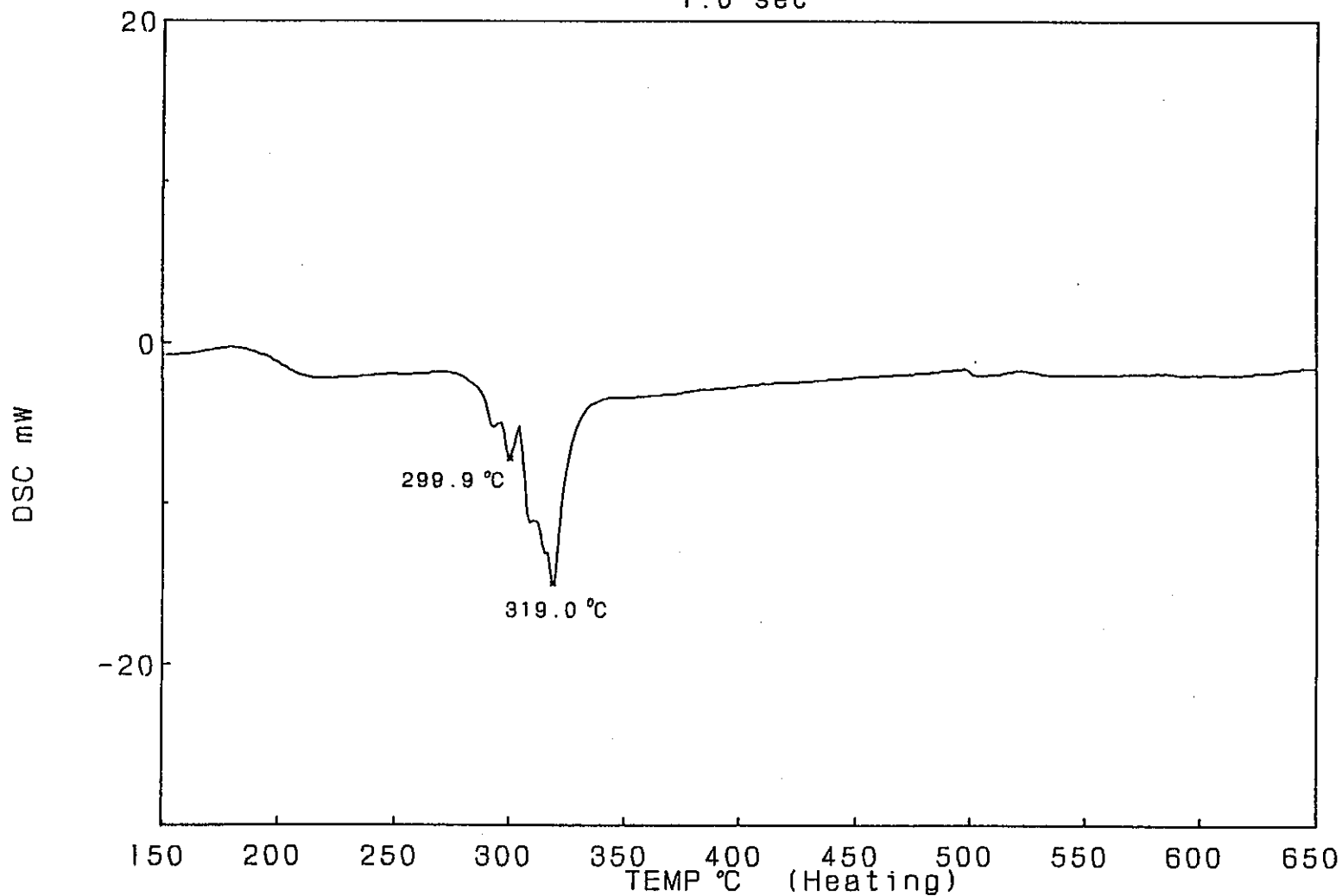
DSC測定チャート 8.① : No.8 (全域)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>		
No.8	0:30:70(mol)	1*	35.0- 740.0	10.00 0.00
10.174 mg	Na2O2 0.000mg	2*	740.0- 100.0	10.00 0.00
(10.174 mg)	Na2O 4.075mg	<Gas>		
<Reference>	NaOH 6.099mg	Ar	40.0 ml/min	
Ag	0.000 mg	<Sampling>		
	1.0 sec			



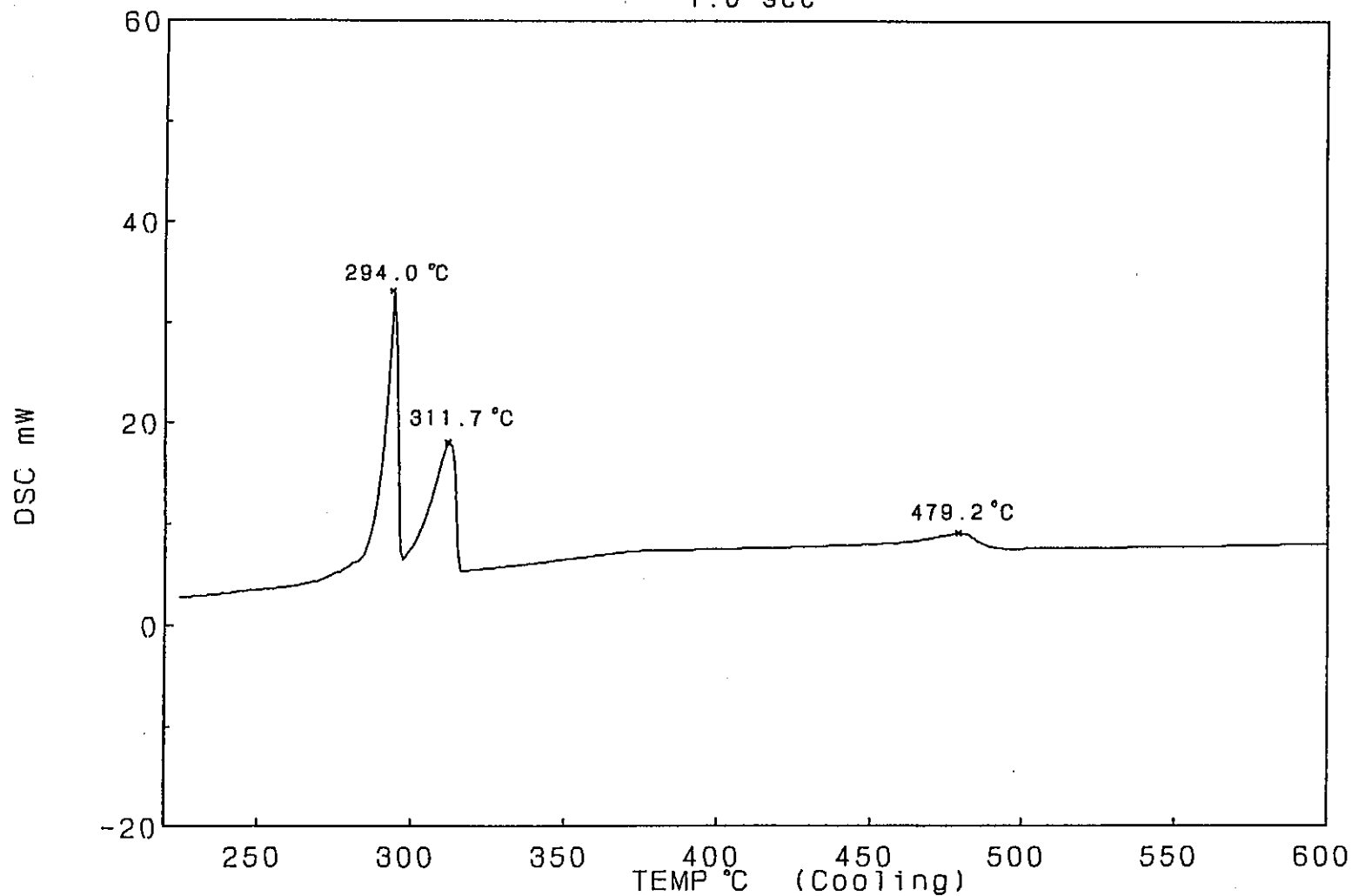
DSC測定チャート 8.② : No.8 (昇温域: 150~650℃)

<Sample>	<Comment>	<Temp.program[°C]	[°C/min]	[min]>
No.8	0:30:70(mol)	1* 35.0- 740.0	10.00	0.00
10.174 mg	Na2O2 0.000mg	2* 740.0- 100.0	10.00	0.00
(10.174 mg)	Na2O 4.075mg	<Gas>		
<Reference>	NaOH 6.099mg	Ar	40.0 ml/min	
Ag	Heating			
0.000 mg	<Sampling>			
	1.0 sec			



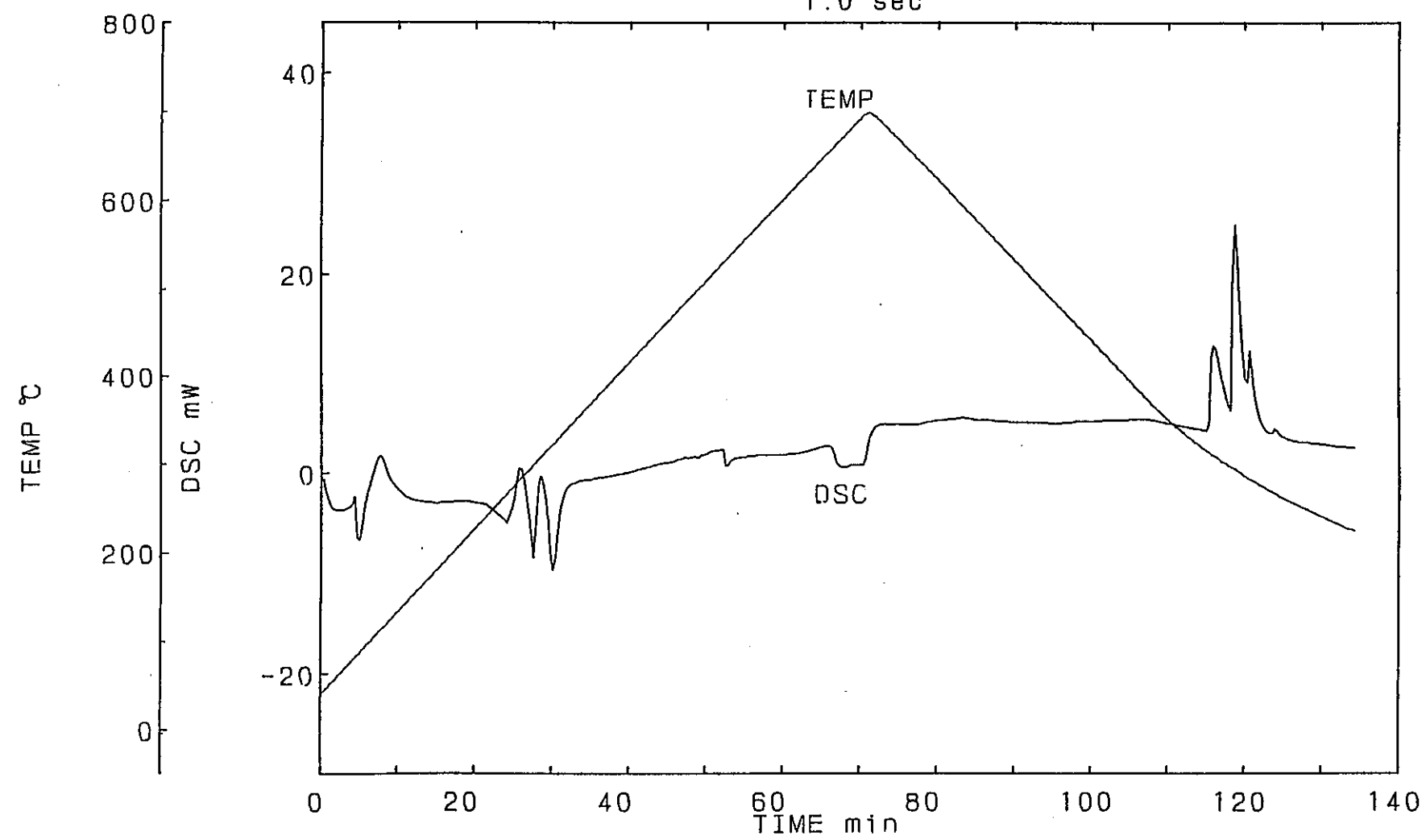
DSC測定チャート 8.③ : No.8 (降温域: 600~200°C)

<Sample>	<Comment>	<Temp. program [°C] [°C/min] [min]>		
No.8	0:30:70(mol)	1*	35.0- 740.0	10.00 0.00
10.174 mg	Na2O2 0.000mg	2*	740.0- 100.0	10.00 0.00
(10.174 mg)	Na2O 4.075mg	<Gas>		
<Reference>	NaOH 6.099mg	Ar		
Ag	Cooling	40.0 ml/min		
0.000 mg	<Sampling>	1.0 sec		



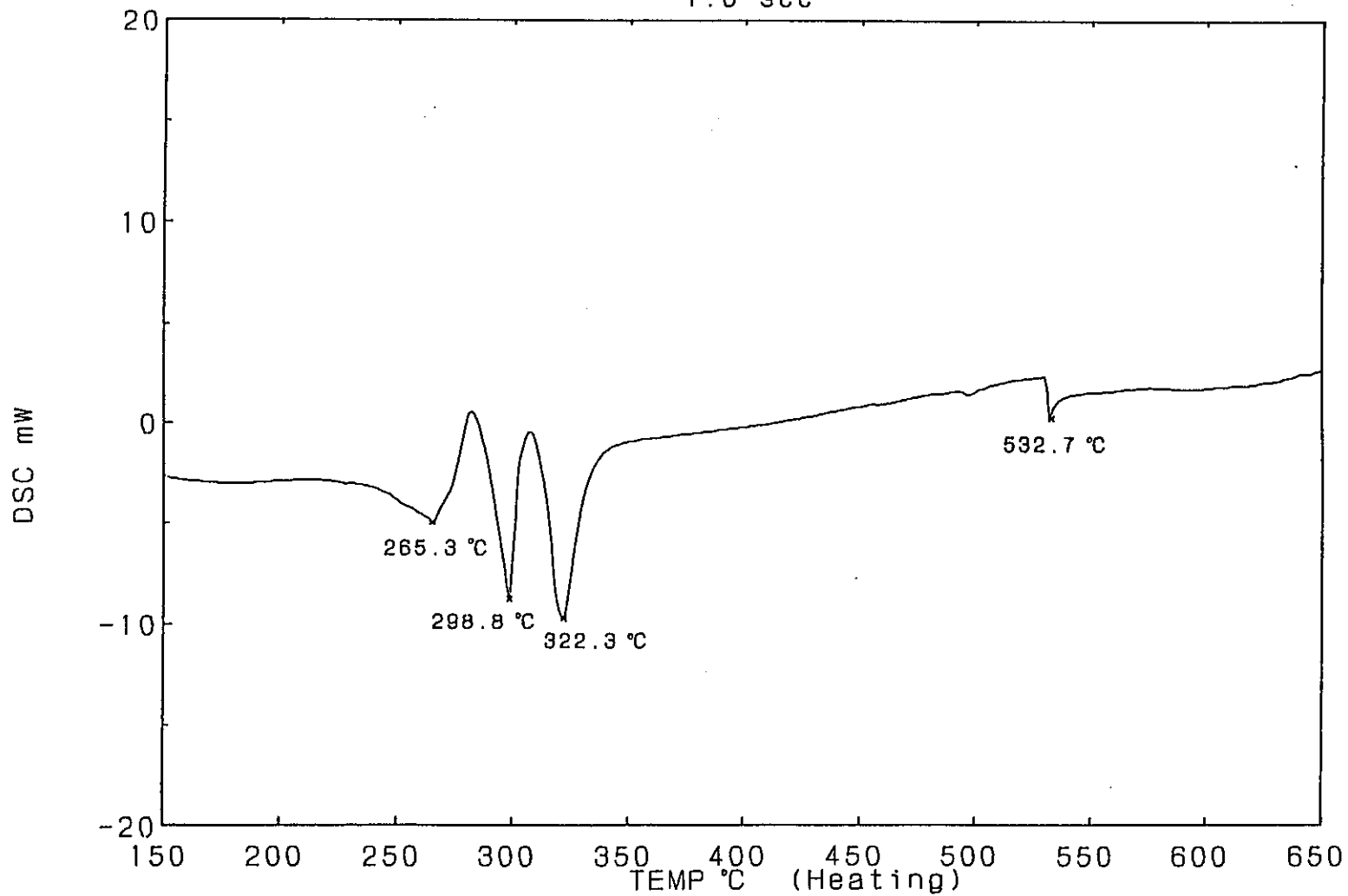
DSC測定チャート 9.① : No.9 (全域)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>		
No.9	10:20:70(mol)	1*	35.0- 740.0	10.00 0.00
10.260 mg	Na2O2 1.631mg	2*	740.0- 100.0	10.00 0.00
(10.260 mg)	Na2O 2.619mg	<Gas>		
<Reference>	NaOH 6.010mg	Ar	40.0 ml/min	
Ag	0.000 mg	<Sampling>		
		1.0 sec		



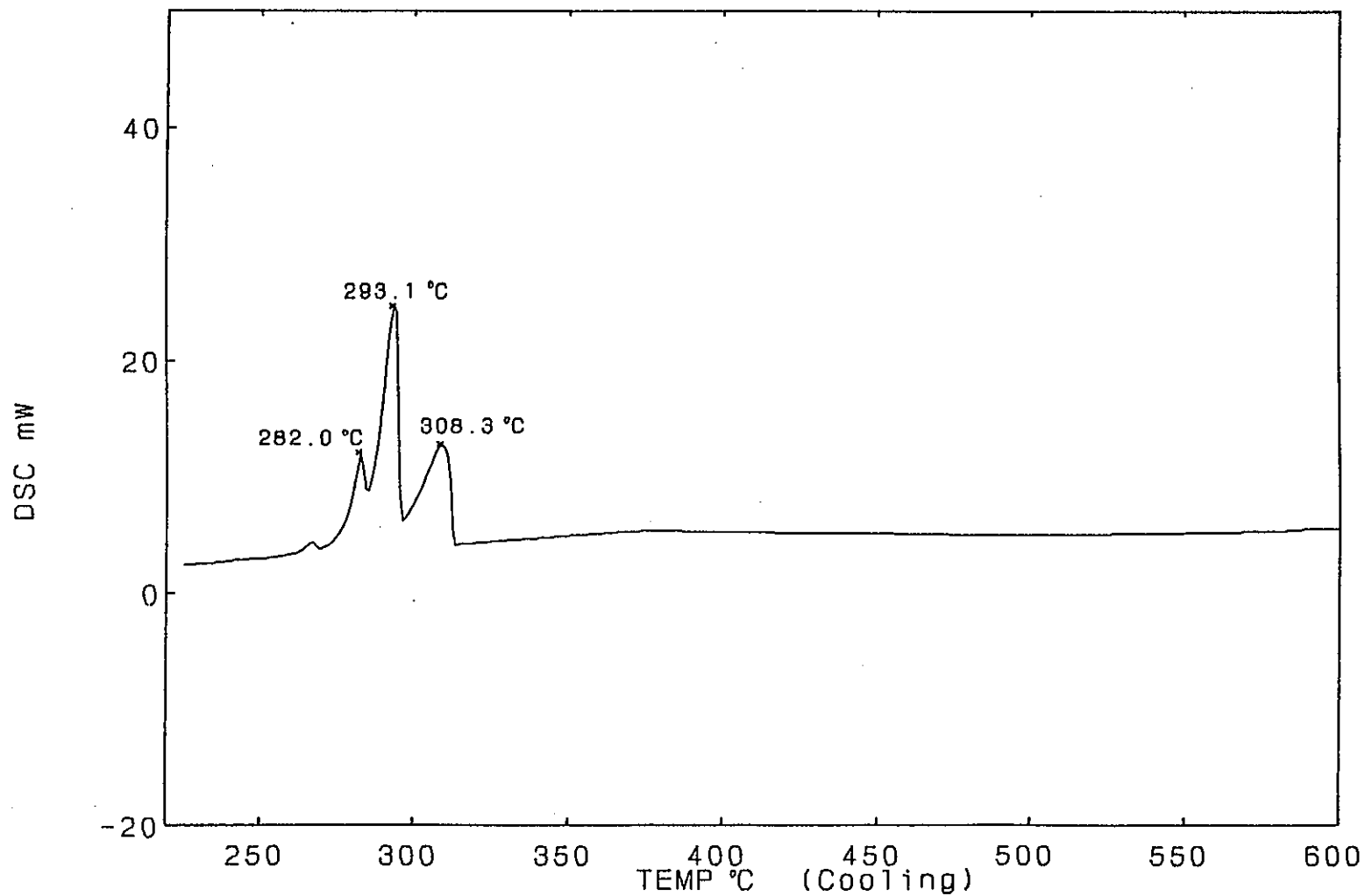
DSC測定チャート 9.② : No.9 (昇温域: 150~650°C)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>		
No.9	10:20:70(mol)	1*	35.0- 740.0	10.00 0.00
10.260 mg	Na2O2 1.631mg	2*	740.0- 100.0	10.00 0.00
(10.260 mg)	Na2O 2.619mg	<Gas>		
<Reference>	NaOH 6.010mg	Ar		
Ag	Heating	40.0 ml/min		
0.000 mg	<Sampling>	1.0 sec		



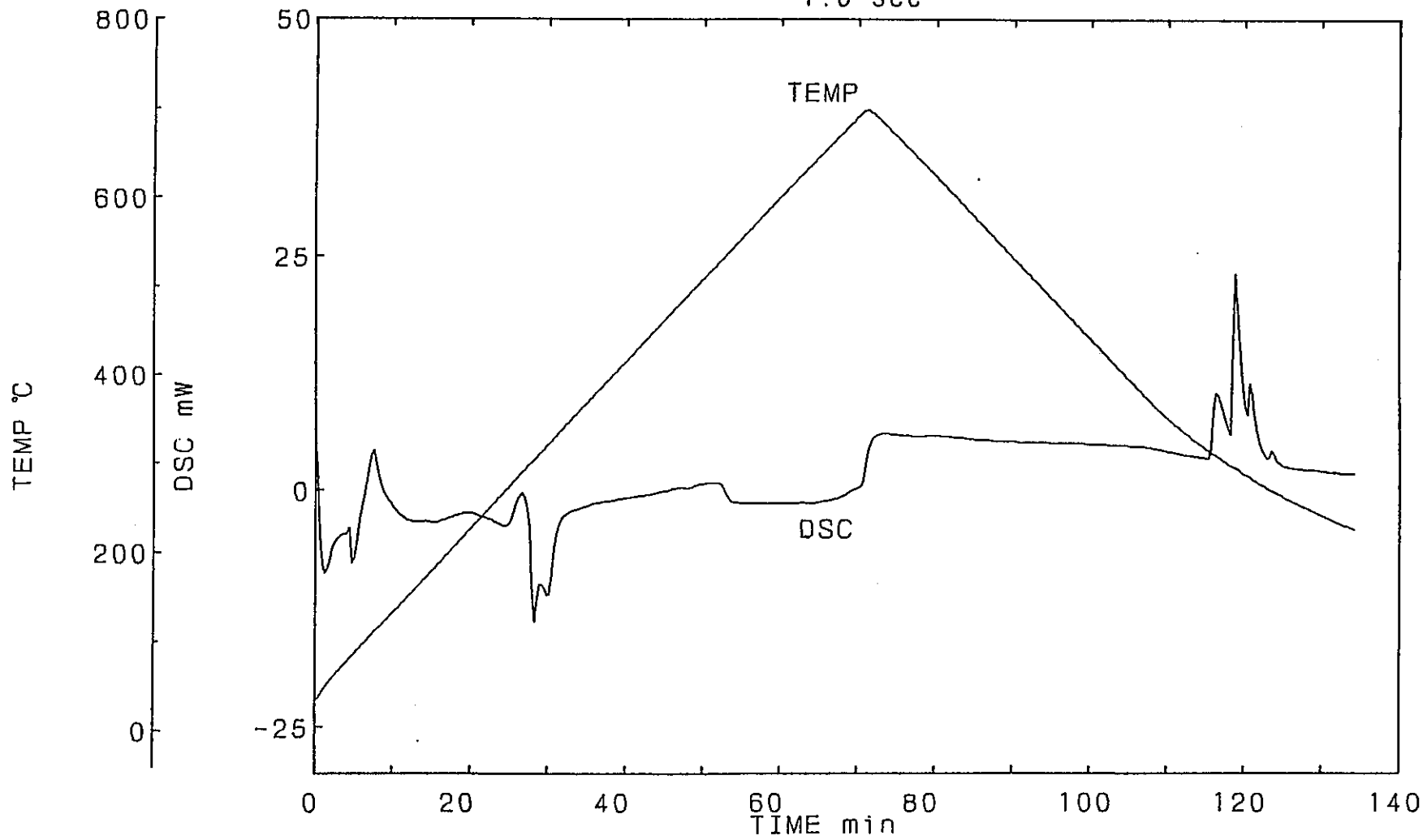
DSC測定チャート 9.③ : No.9 (降温域: 600~200°C)

<Sample>	<Comment>	<Temp.program[°C]	[°C/min]	[min]>
No.9	10:20:70(mol)	1* 35.0- 740.0	10.00	0.00
10.260 mg	Na2O2 1.631mg	2* 740.0- 100.0	10.00	0.00
(10.260 mg)	Na2O 2.619mg	<Gas>		
<Reference>	NaOH 6.010mg	Ar	40.0 ml/min	
Ag	Cooling			
0.000 mg	<Sampling>			
	1.0 sec			



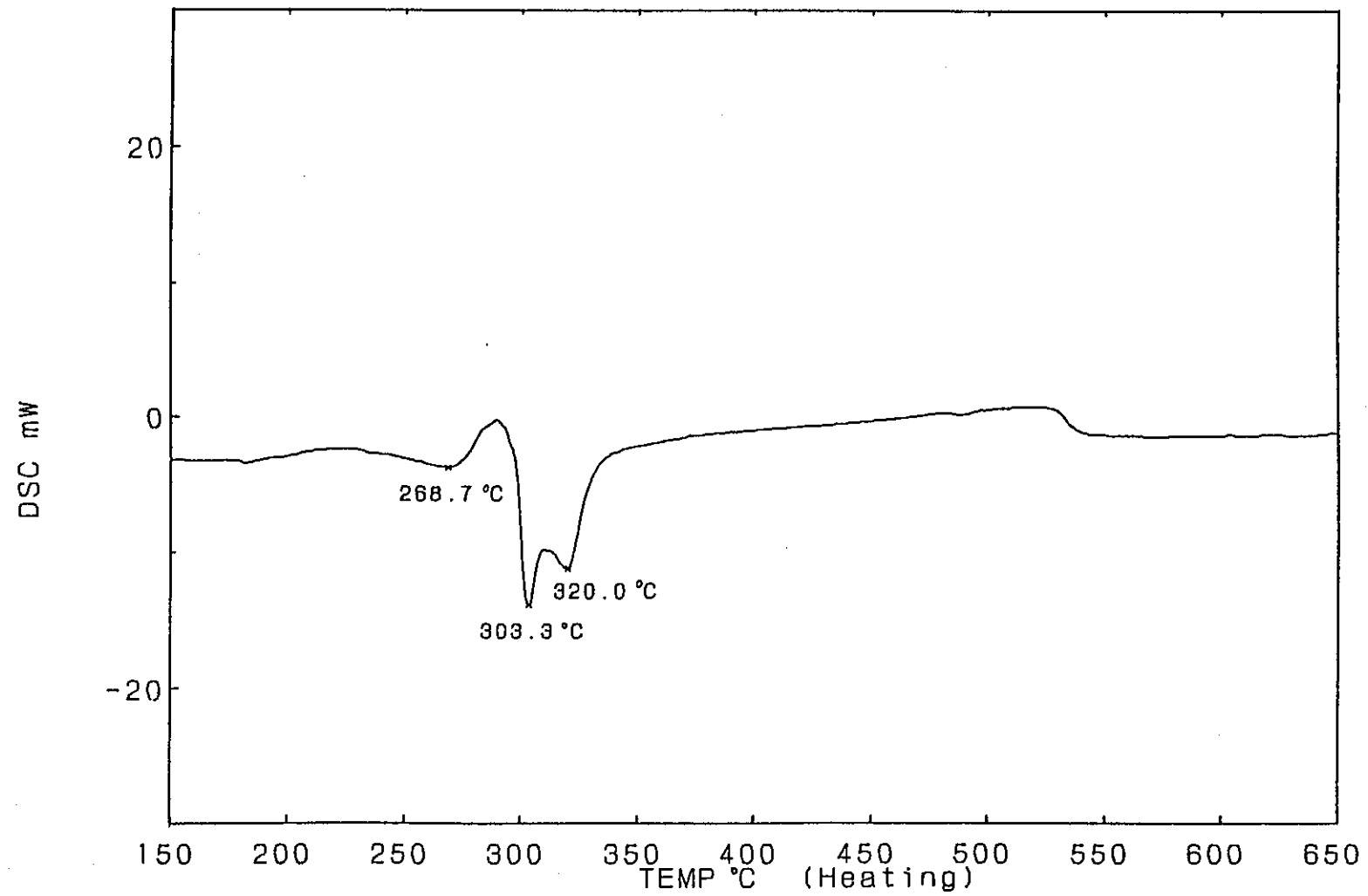
DSC測定チャート 10.① : No.10 (全域)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>		
No.10	20:10:70(mol)	1*	35.0- 740.0	10.00 0.00
10.102 mg	Na2O2 3.260mg	2*	740.0- 100.0	10.00 0.00
(10.102 mg)	Na2O 1.284mg	<Gas>		
<Reference>	NaOH 5.650mg	Ar	40.0 ml/min	
Ag	0.000 mg	<Sampling>		
		1.0 sec		



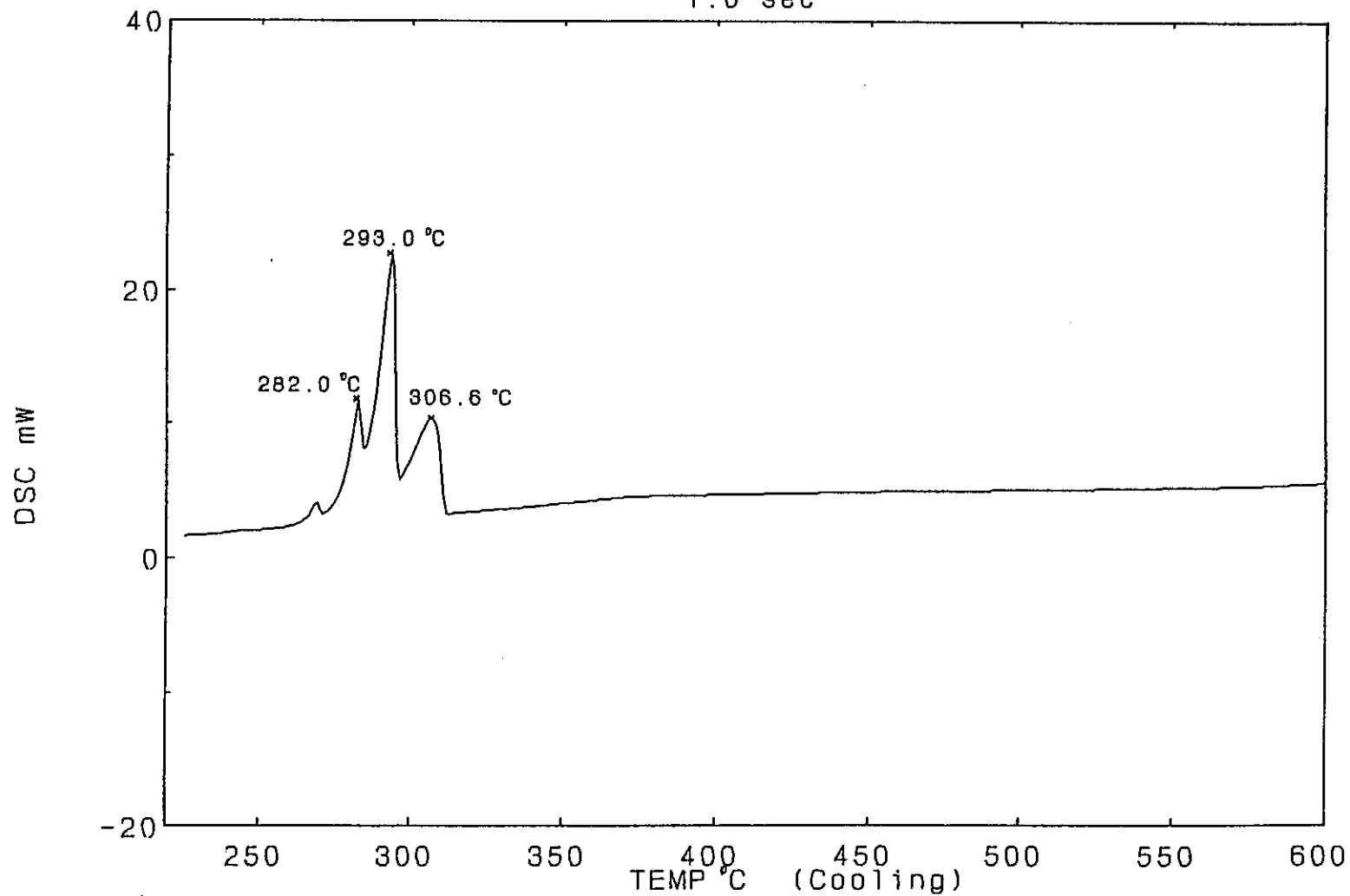
DSC測定チャート 10.② : No.10 (昇温域: 150~650°C)

<Sample>	<Comment>	<Temp.program[°C]	[°C/min]	[min]>
No.10	20:10:70(mol)	1* 35.0- 740.0	10.00	0.00
10.102 mg	Na2O2 3.260mg	2* 740.0- 100.0	10.00	0.00
(10.102 mg)	Na2O 1.284mg	<Gas>		
<Reference>	NaOH 5.650mg	Ar	40.0 ml/min	
Ag	Heating			
0.000 mg	<Sampling>			
	1.0 sec			



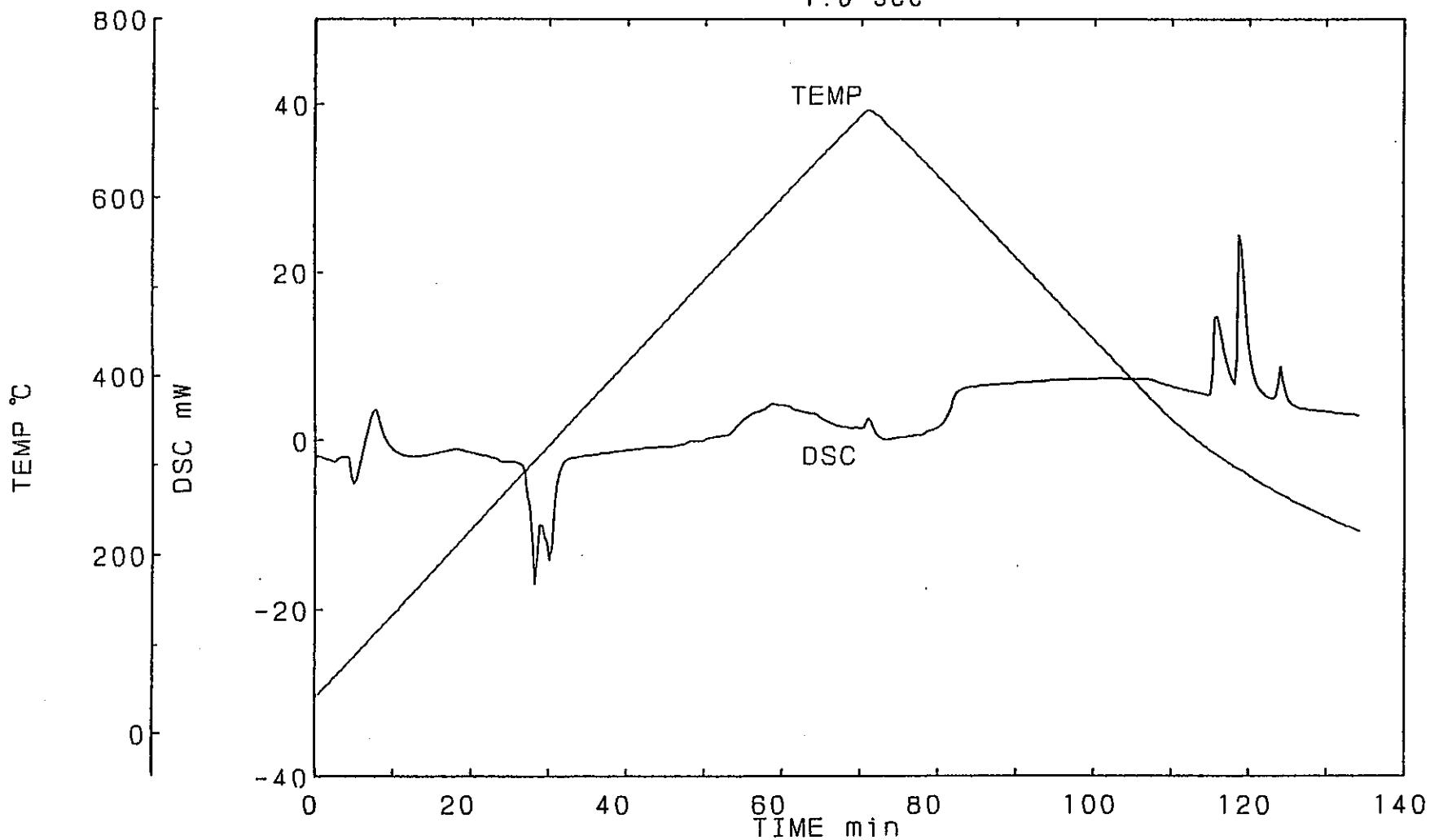
DSC測定チャート 10.③ : No.10 (降温域 : 600~200°C)

<Sample>	<Comment>	<Temp.program[°C]	[°C/min]	[min]
No.10	20:10:70(mol)	1* 35.0- 740.0	10.00	0.00
10.102 mg	Na2O2 3.260mg	2* 740.0- 100.0	10.00	0.00
(10.102 mg)	Na2O 1.284mg	<Gas>		
<Reference>	NaOH 5.650mg	Ar	40.0 ml/min	
Ag	Cooling			
0.000 mg	<Sampling>			
	1.0 sec			



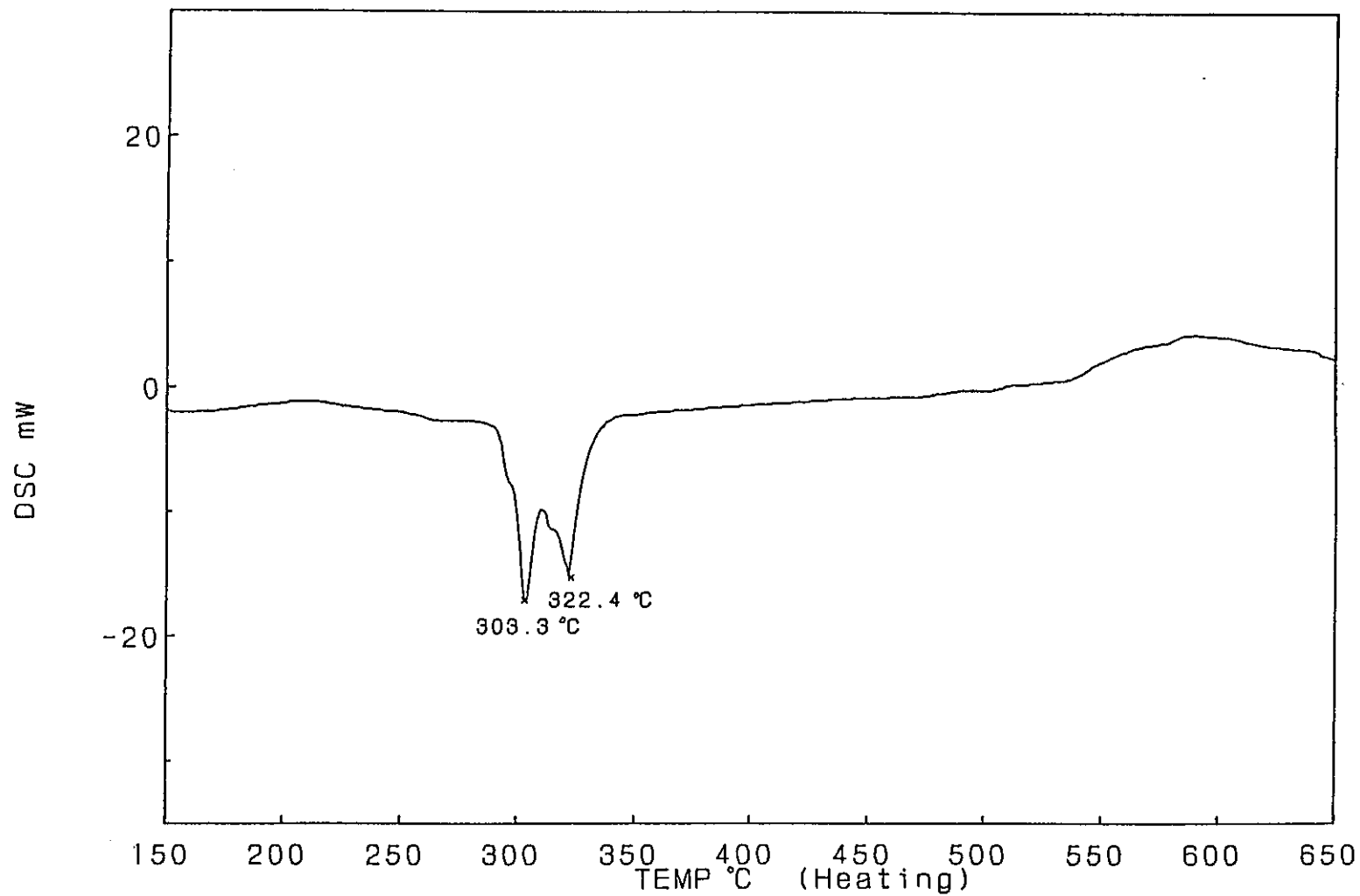
DSC測定チャート 11.① : No.11 (全域)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>		
No.11	30:0:70(mol)	1*	35.0- 740.0	10.00 0.00
9.827 mg	Na2O2 4.448mg	2*	740.0- 100.0	10.00 0.00
(9.827 mg)	Na2O 0.000mg	<Gas>		
<Reference>	NaOH 5.379mg	Ar		
Ag		40.0 ml/min		
0.000 mg	<Sampling>			
	1.0 sec			



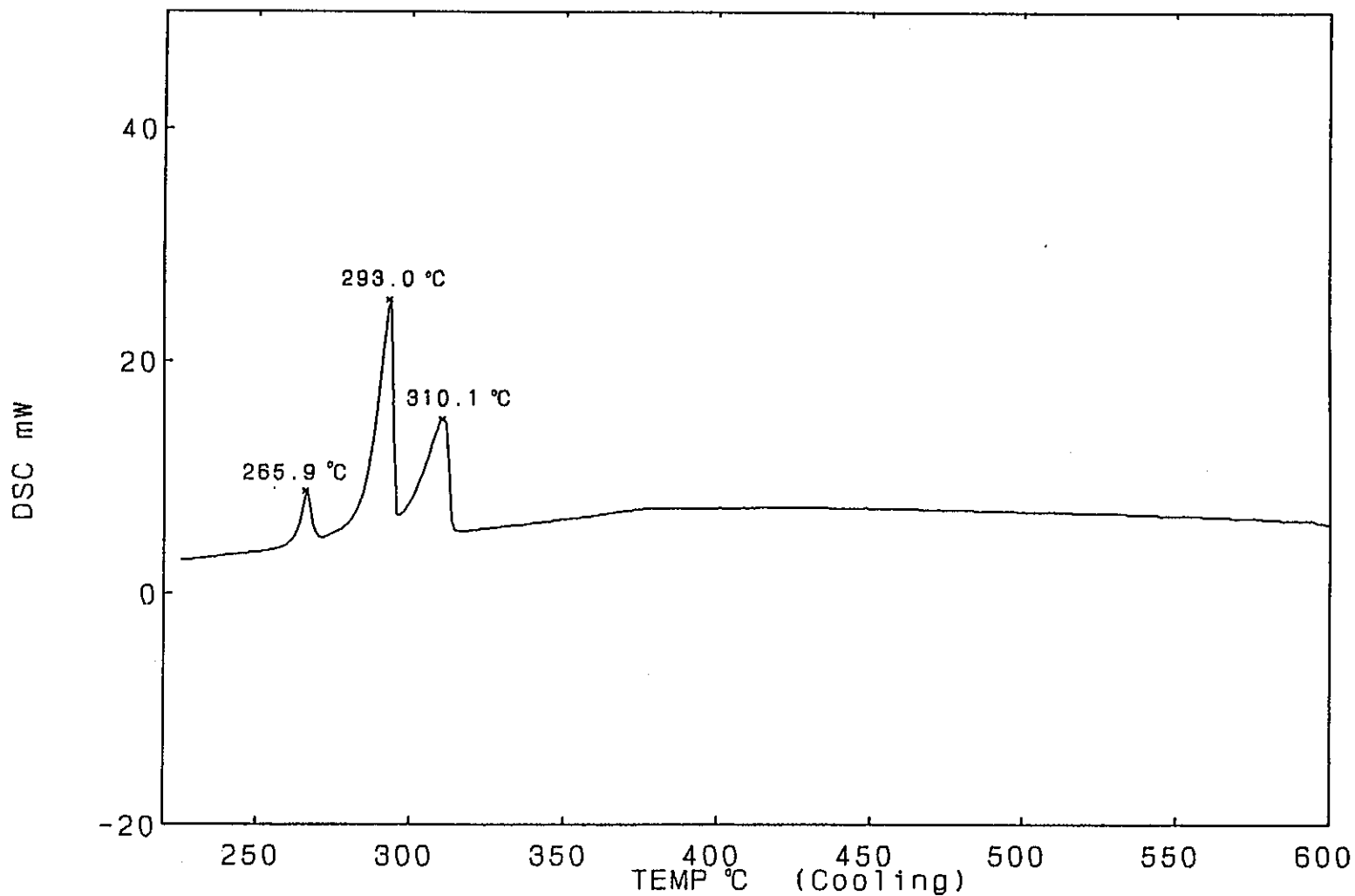
DSC測定チャート 11.② : No.11 (昇温域: 150~650°C)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>		
No.11	30:0:70(mol)	1*	35.0- 740.0	10.00 0.00
9.827 mg	Na2O2 4.448mg	2*	740.0- 100.0	10.00 0.00
(9.827 mg)	Na2O 0.000mg	<Gas>		
<Reference>	NaOH 5.379mg	Ar	40.0 ml/min	
Ag	Heating			
0.000 mg	<Sampling>			
	1.0 sec			



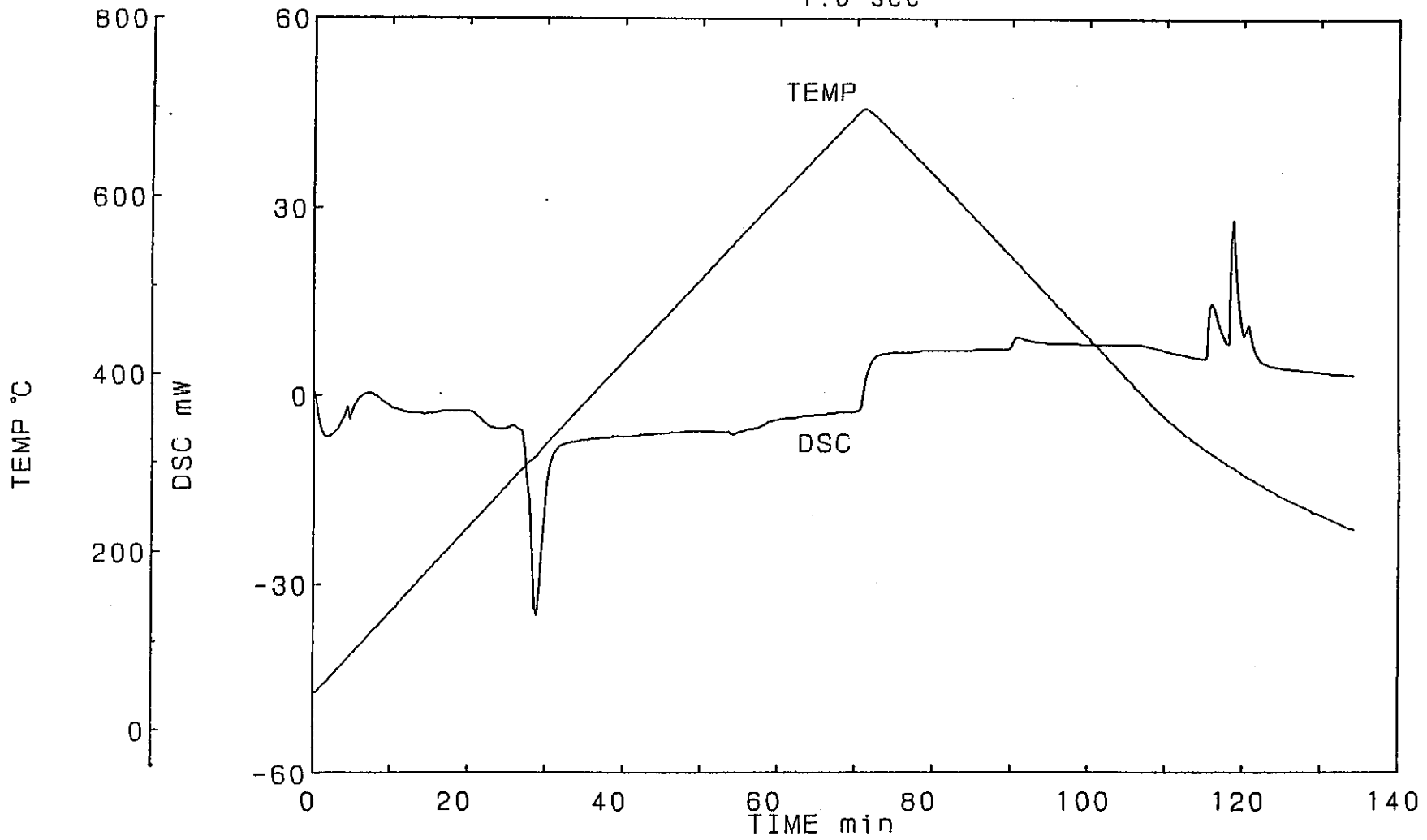
DSC測定チャート 11.③ : No.11 (降温域: 600~200℃)

<Sample>	<Comment>	<Temp.program[°C]	[°C/min]	[min]>
No.11	30:0:70(mol)	1* 35.0- 740.0	10.00	0.00
9.827 mg	Na2O2 4.448mg	2* 740.0- 100.0	10.00	0.00
(9.827 mg)	Na2O 0.000mg	<Gas>		
<Reference>	NaOH 5.379mg	Ar	40.0 ml/min	
Ag	Cooling			
0.000 mg	<Sampling>			
	1.0 sec			



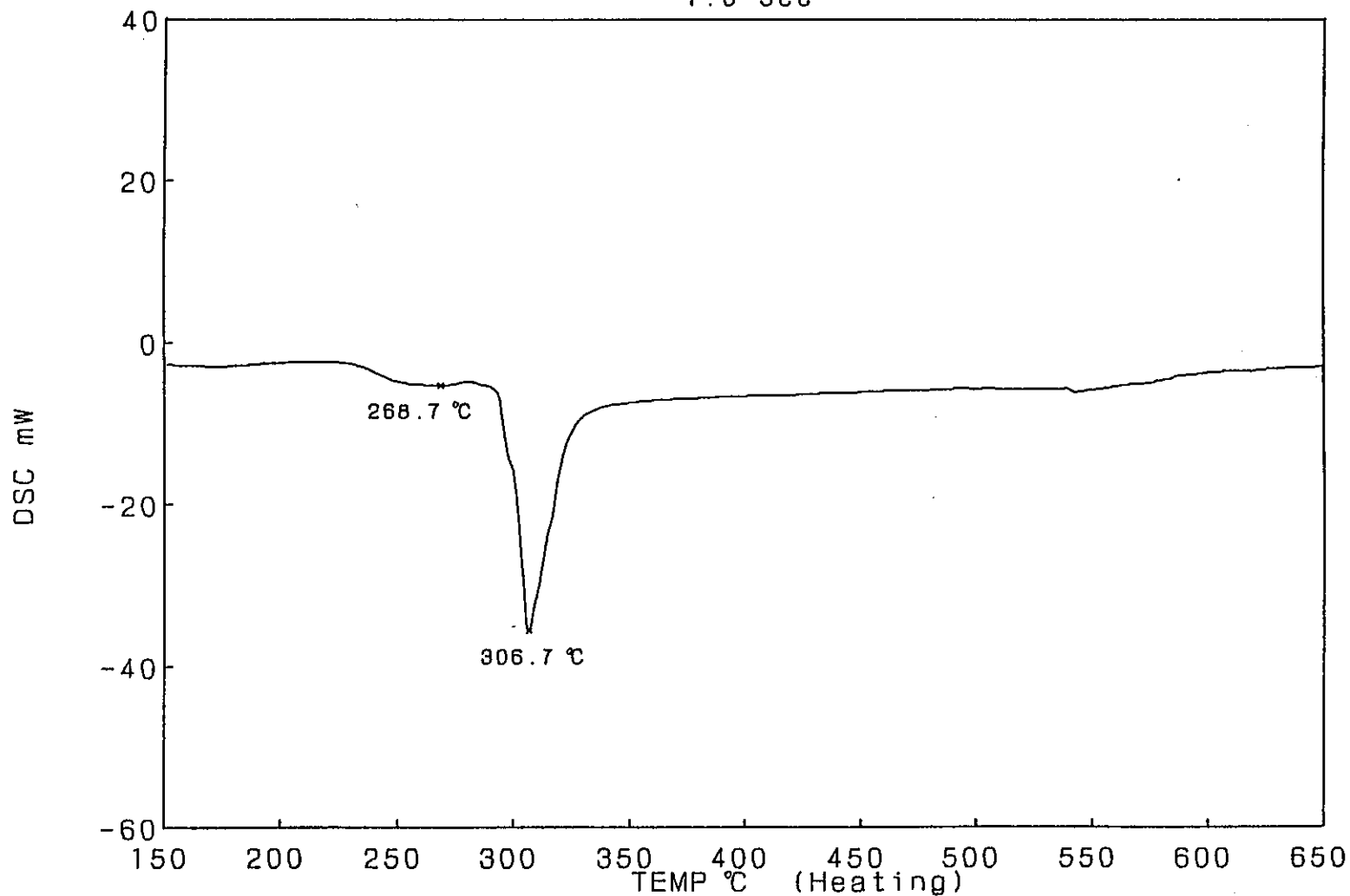
DSC測定チャート 12.① : No.12 (全域)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>		
No.12	0:40:60(mol)	1*	35.0- 740.0	10.00 0.00
10.206 mg	Na2O2 0.000mg	2*	740.0- 100.0	10.00 0.00
(10.206 mg)	Na2O 5.151mg	<Gas>		
<Reference>	NaOH 5.055mg	Ar	40.0 ml/min	
Ag	0.000 mg	<Sampling>		
		1.0 sec		



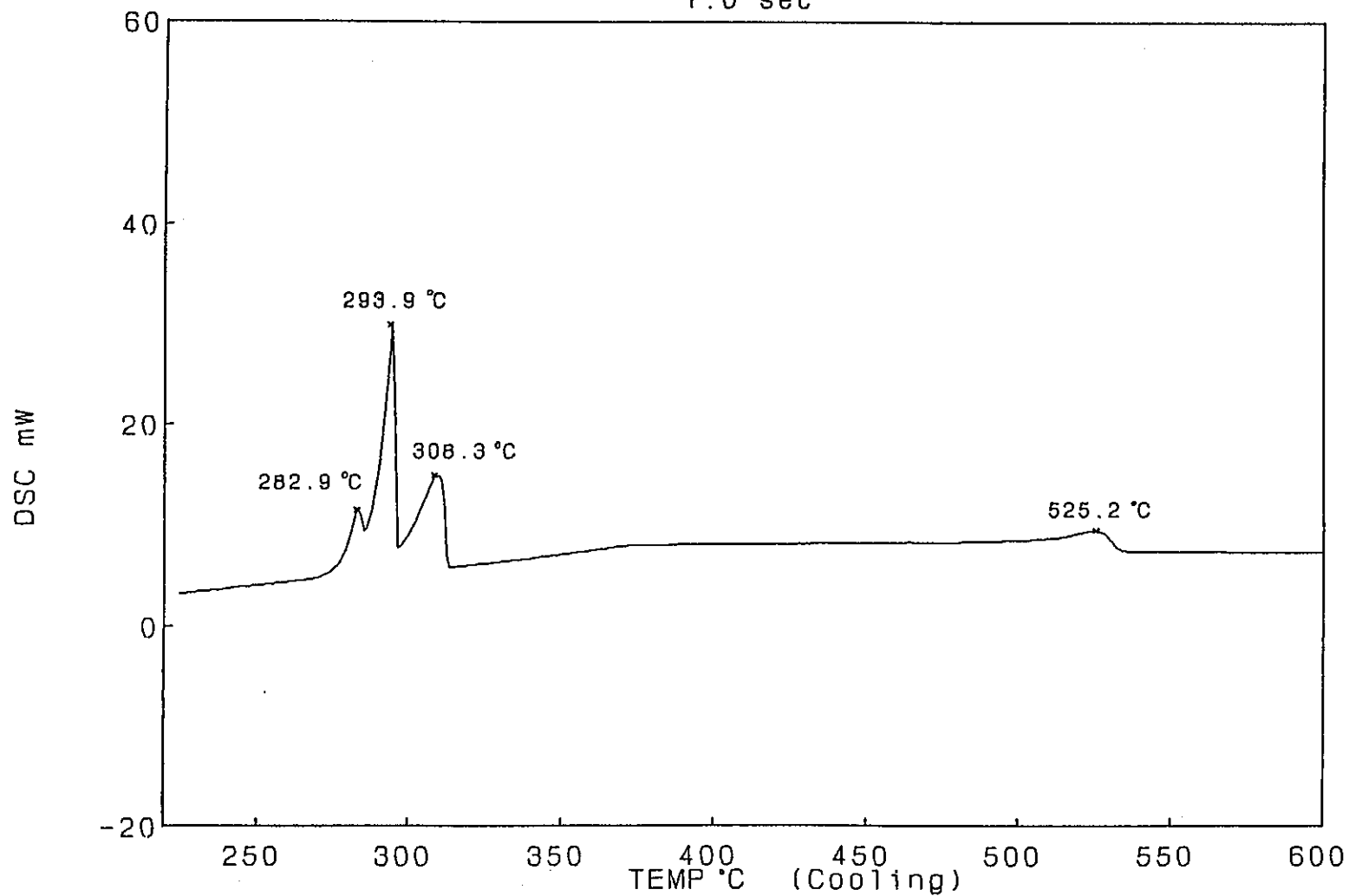
DSC測定チャート 12.② : No.12 (昇温域: 150~650°C)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>			
No.12	0:40:60(mol)	1*	35.0- 740.0	10.00	0.00
10.206 mg	Na2O2 0.000mg	2*	740.0- 100.0	10.00	0.00
(10.206 mg)	Na2O 5.151mg	<Gas>			
<Reference>	NaOH 5.055mg	Ar			
Ag	Heating	40.0 ml/min			
0.000 mg	<Sampling>	1.0 sec			



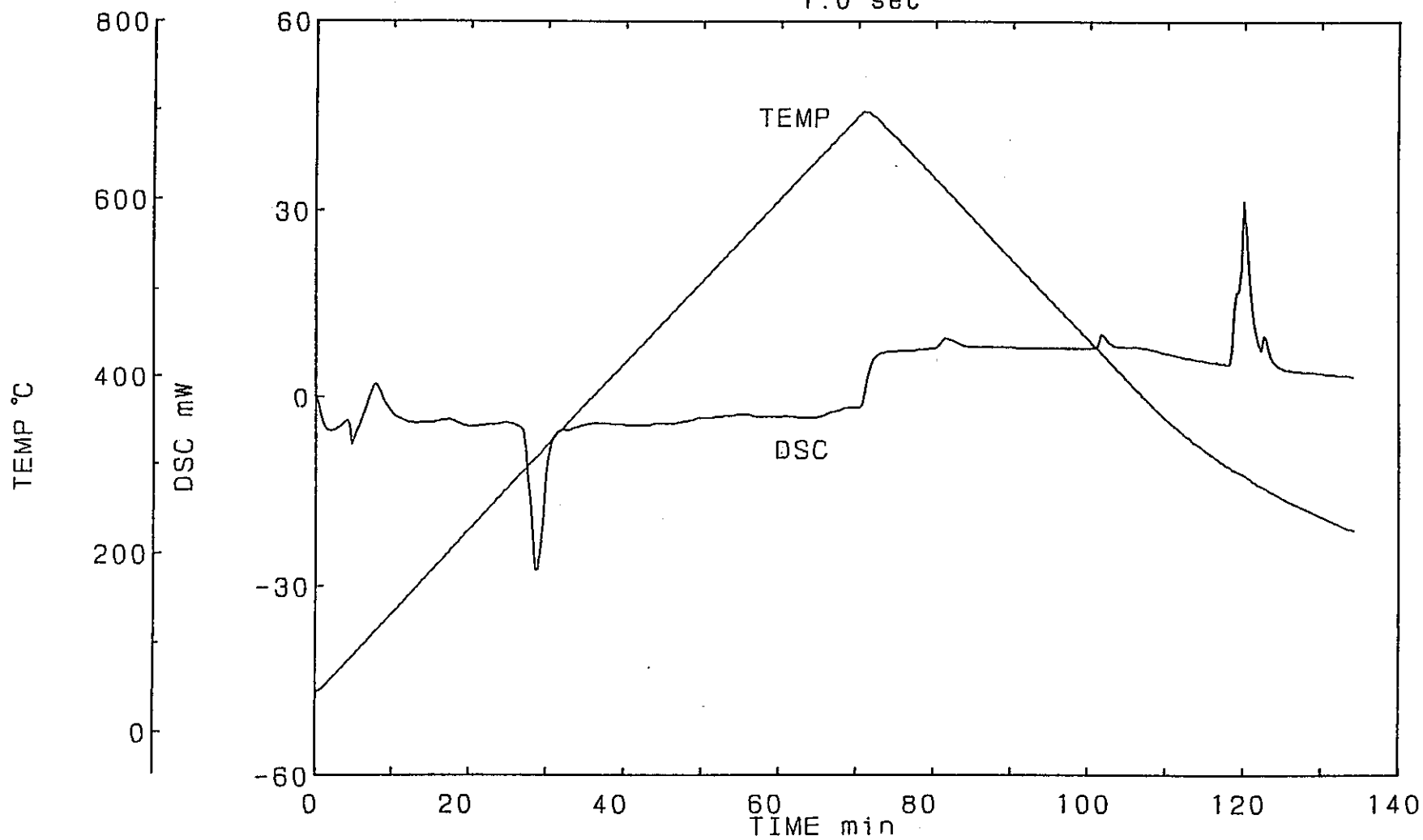
DSC測定チャート 12.③ : No.12 (降温域: 600~200°C)

<Sample>	<Comment>	<Temp.program[°C]	[°C/min]	[min]>
No.12	0:40:60(mol)	1* 35.0- 740.0	10.00	0.00
10.206 mg	Na2O2 0.000mg	2* 740.0- 100.0	10.00	0.00
(10.206 mg)	Na2O 5.151mg	<Gas>		
<Reference>	NaOH 5.055mg	Ar	40.0 ml/min	
Ag	Cooling			
0.000 mg	<Sampling>			
	1.0 sec			



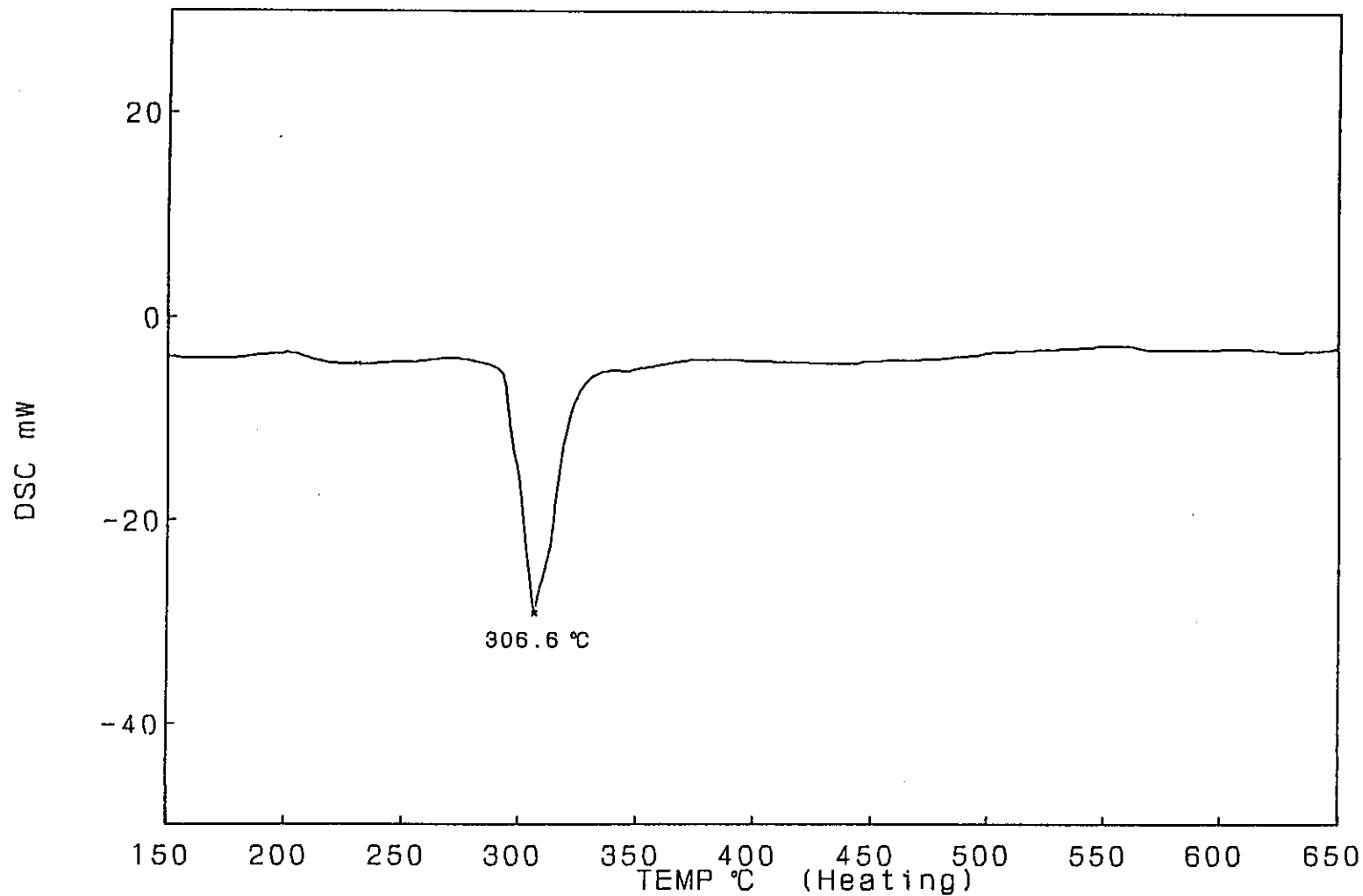
DSC測定チャート 13.① : No.13 (全域)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>		
No.13	20:20:60(mol)	1*	35.0- 740.0	10.00 0.00
9.948 mg	Na2O2 2.994mg	2*	740.0- 100.0	10.00 0.00
(9.948 mg)	Na2O 2.379mg	<Gas>		
<Reference>	NaOH 4.575mg	Ar	40.0 ml/min	
Ag	0.000 mg	<Sampling>		
		1.0 sec		



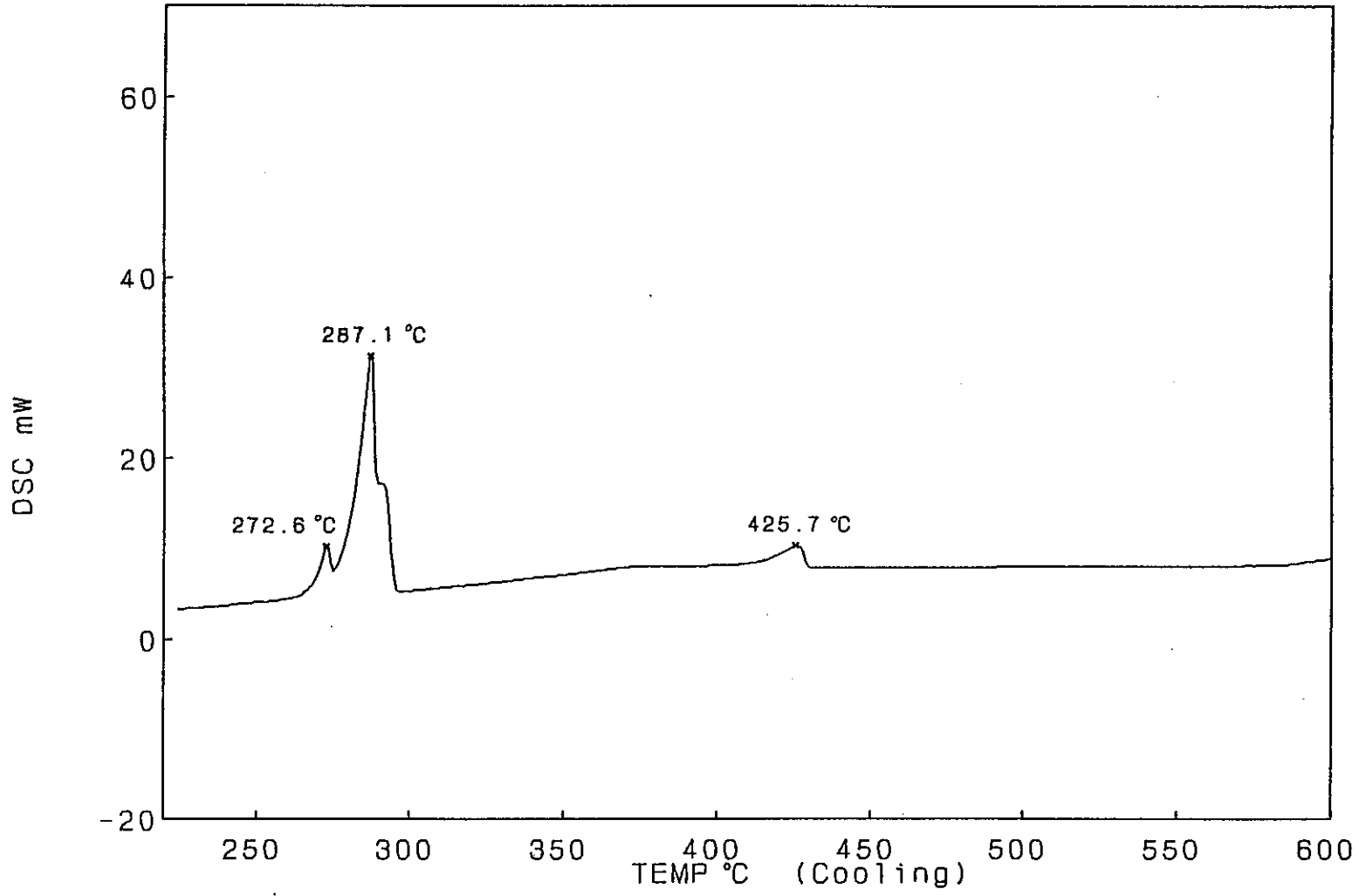
DSC測定チャート 13.② : No.13 (昇温域: 150~650°C)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>			
No.13	20:20:60(mol)	1*	35.0- 740.0	10.00	0.00
9.948 mg	Na2O2 2.994mg	2*	740.0- 100.0	10.00	0.00
(9.948 mg)	Na2O 2.379mg	<Gas>			
<Reference>	NaOH 4.575mg	Ar			
Ag	Heating	40.0 ml/min			
0.000 mg	<Sampling>	1.0 sec			



DSC測定チャート 13.③ : No.13 (降温域 : 600~200℃)

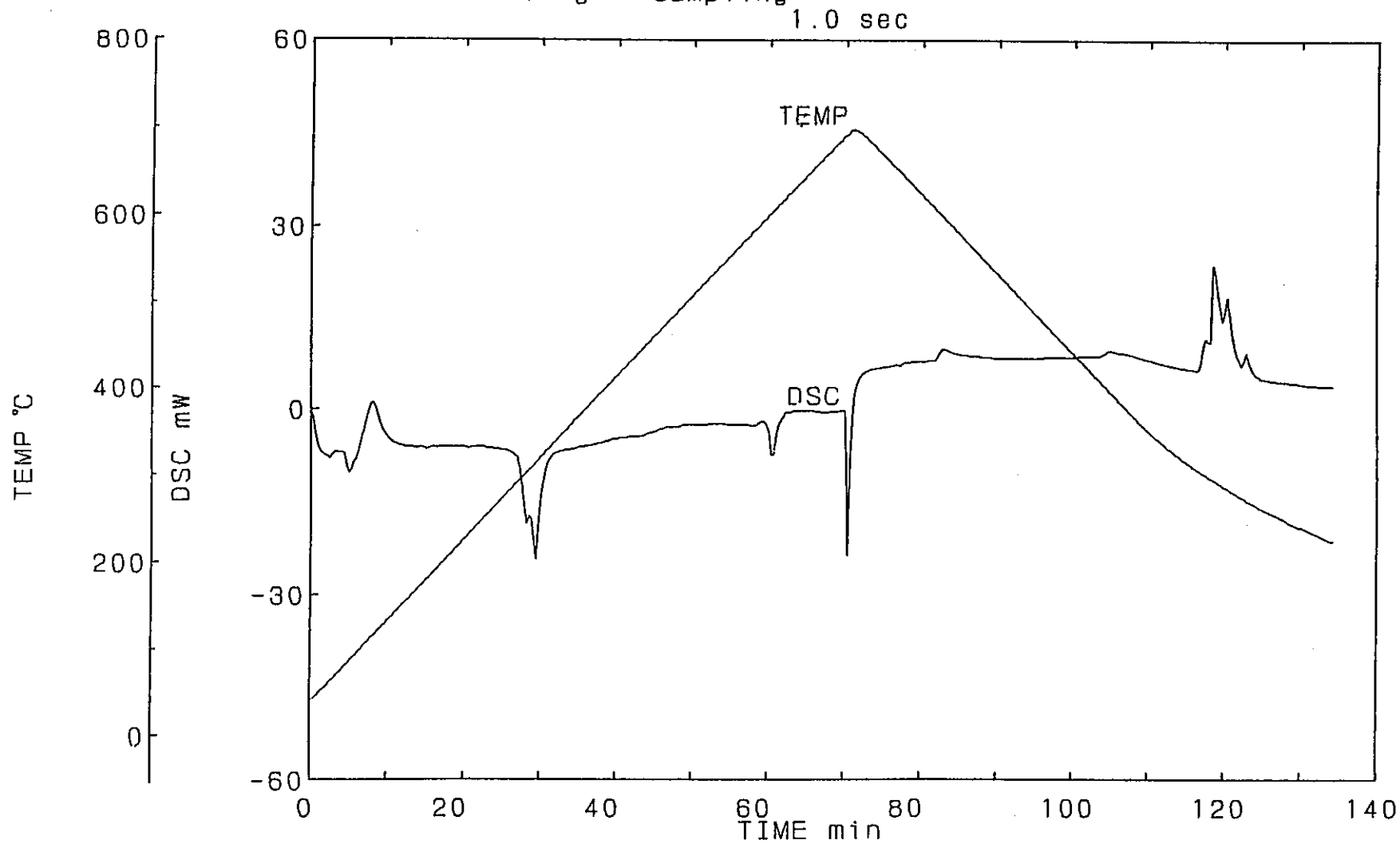
<Sample>	<Comment>	<Temp.program[℃]	[℃/min]	[min]>
No.13	20:20:60(mol)	1* 35.0- 740.0	10.00	0.00
9.948 mg	Na2O2 2.994mg	2* 740.0- 100.0	10.00	0.00
(9.948 mg)	Na2O 2.379mg	<Gas>		
<Reference>	NaOH 4.575mg	Ar	40.0 ml/min	
Ag	Cooling			
0.000 mg	<Sampling>			
	1.0 sec			



DSC測定チャート 14-1.① : No.14-1 (全域)

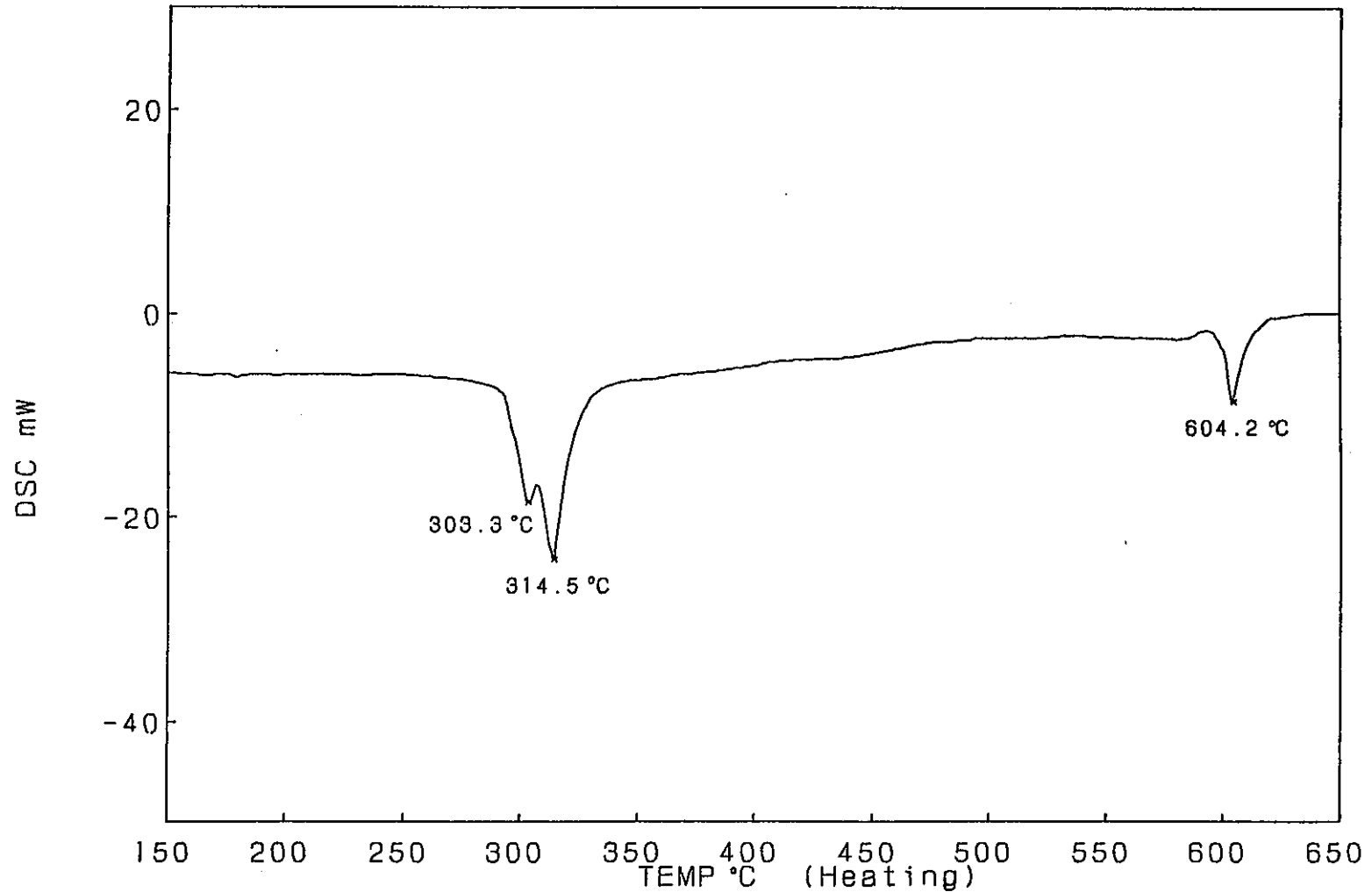
<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>		
No.14	40:0:60(mol)	1*	35.0- 740.0	10.00 0.00
10.200 mg	Na2O2 5.760mg	2*	740.0- 100.0	10.00 0.00
(10.200 mg)	Na2O 0.000mg	<Gas>		
<Reference>	NaOH 4.490mg	Ar	40.0 ml/min	
Ag	0.000 mg	<Sampling>	1.0 sec	

PNC PN9450 97-024



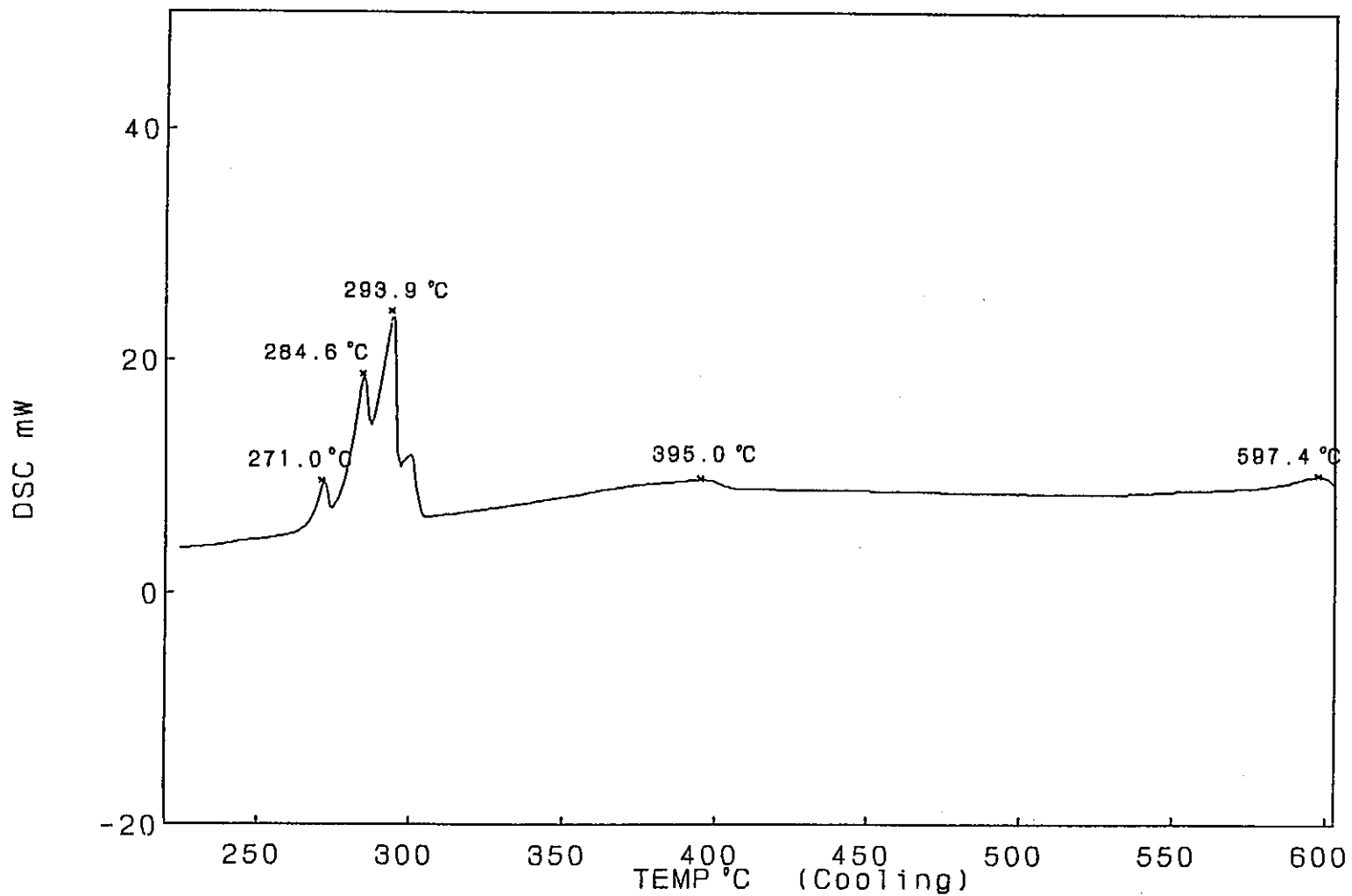
DSC測定チャート 14-1.② : No.14-1 (昇温域: 150~650°C)

<Sample>	<Comment>	<Temp.program[°C]	[°C/min]	[min]>
No.14	40:0:60(mol)	1* 35.0- 740.0	10.00	0.00
10.200 mg	Na2O2 5.760mg	2* 740.0- 100.0	10.00	0.00
(10.200 mg)	Na2O 0.000mg	<Gas>		
<Reference>	NaOH 4.490mg	Ar	40.0 ml/min	
Ag	Heating			
0.000 mg	<Sampling>			
	1.0 sec			



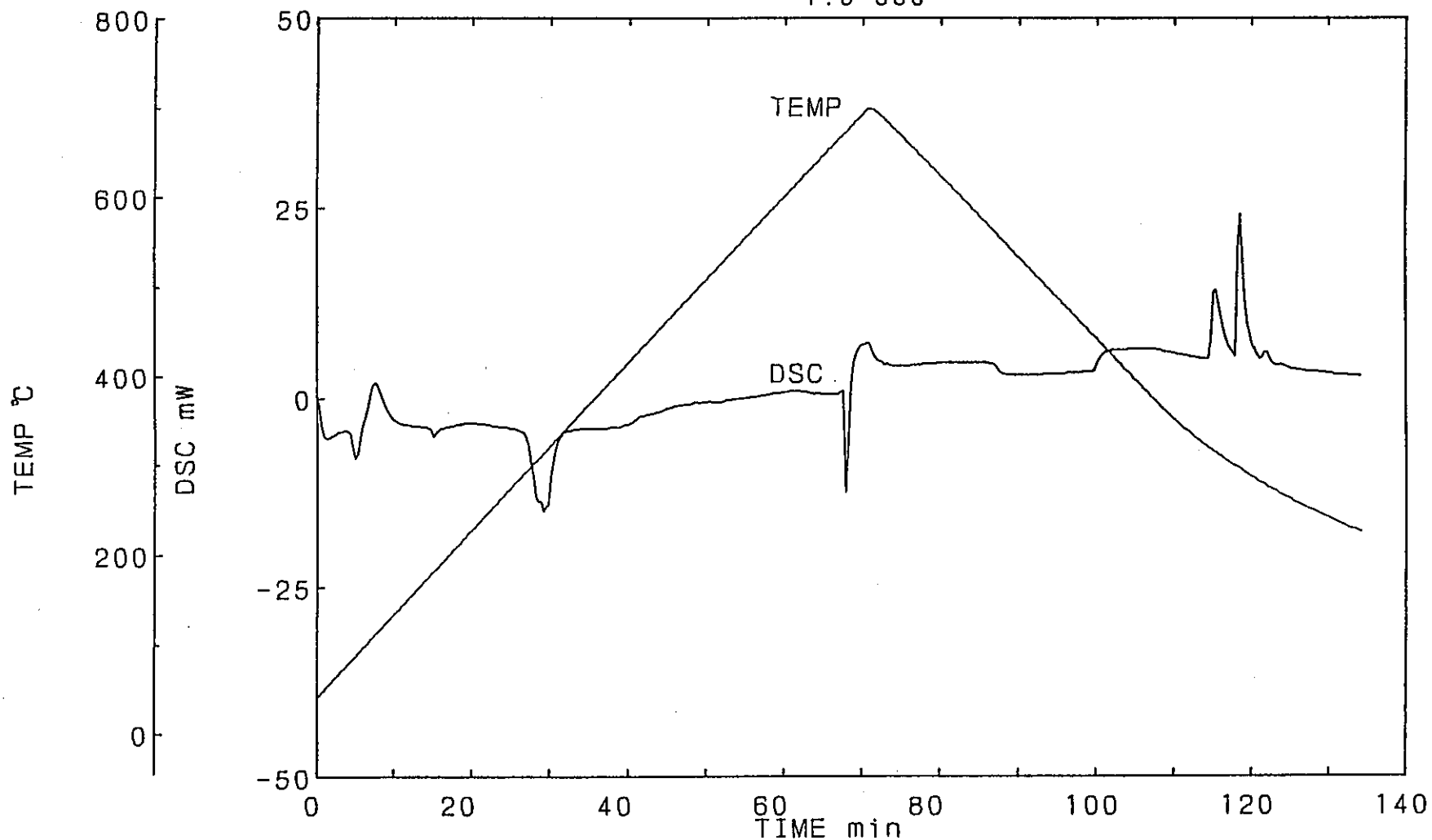
DSC測定チャート 14-1.③ : No.14-1 (降温域: 600~200°C)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>		
No.14	40:0:60(mol)	1*	35.0- 740.0	10.00 0.00
10.200 mg	Na2O2 5.760mg	2*	740.0- 100.0	10.00 0.00
(10.200 mg)	Na2O 0.000mg	<Gas>		
<Reference>	NaOH 4.490mg	Ar		
Ag	Cooling	40.0 ml/min		
0.000 mg	<Sampling>	1.0 sec		



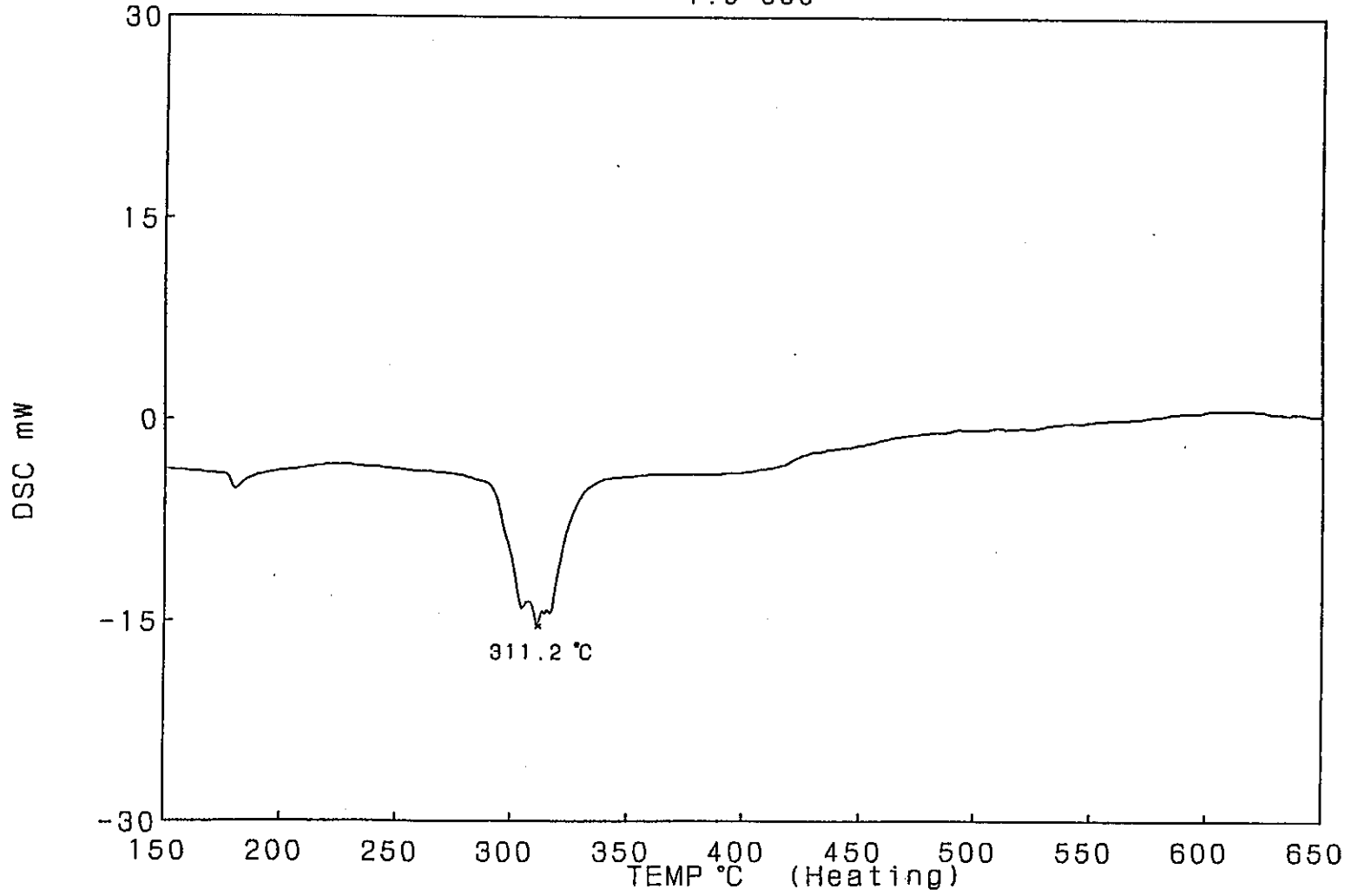
DSC測定チャート 14-2.① : No.14-2 (全域)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>		
No.14	40:0:60(mol)	1*	35.0- 740.0	10.00 0.00
10.088 mg	Na2O2 5.700mg	2*	740.0- 100.0	10.00 0.00
(10.088 mg)	Na2O 0.000mg	<Gas>		
<Reference>	NaOH 4.388mg	Ar	40.0 ml/min	
Ag	0.000 mg	<Sampling>	1.0 sec	



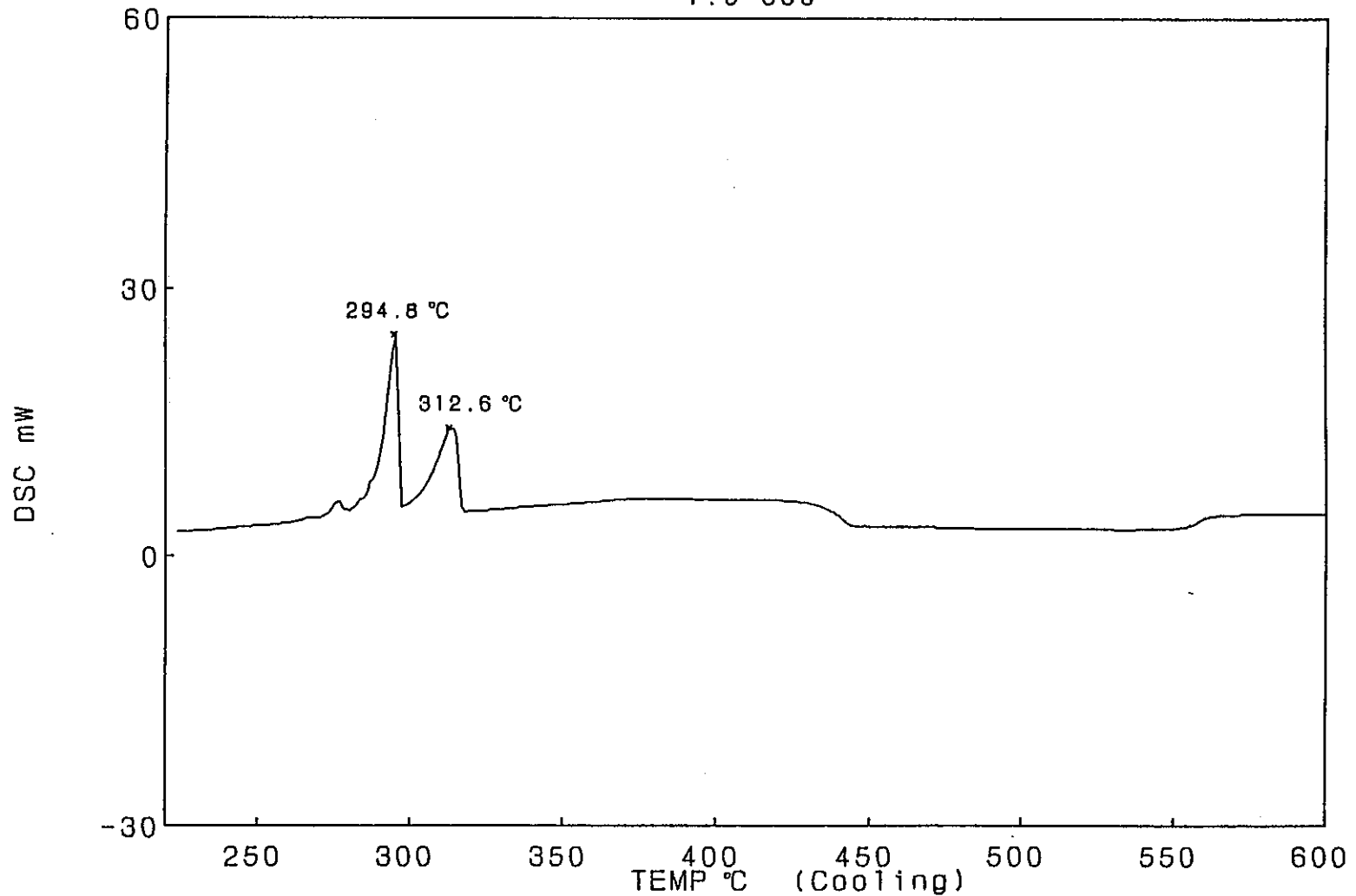
DSC測定チャート 14-2.② : No.14-2 (昇温域: 150~650℃)

<Sample>	<Comment>	<Temp.program[°C]	[°C/min]	[min]
No.14	40:0:60(mol)	1* 35.0- 740.0	10.00	0.00
10.088 mg	Na2O2 5.700mg	2* 740.0- 100.0	10.00	0.00
(10.088 mg)	Na2O 0.000mg	<Gas>		
<Reference>	NaOH 4.388mg	Ar	40.0 ml/min	
Ag	Heating			
0.000 mg	<Sampling>			
	1.0 sec			



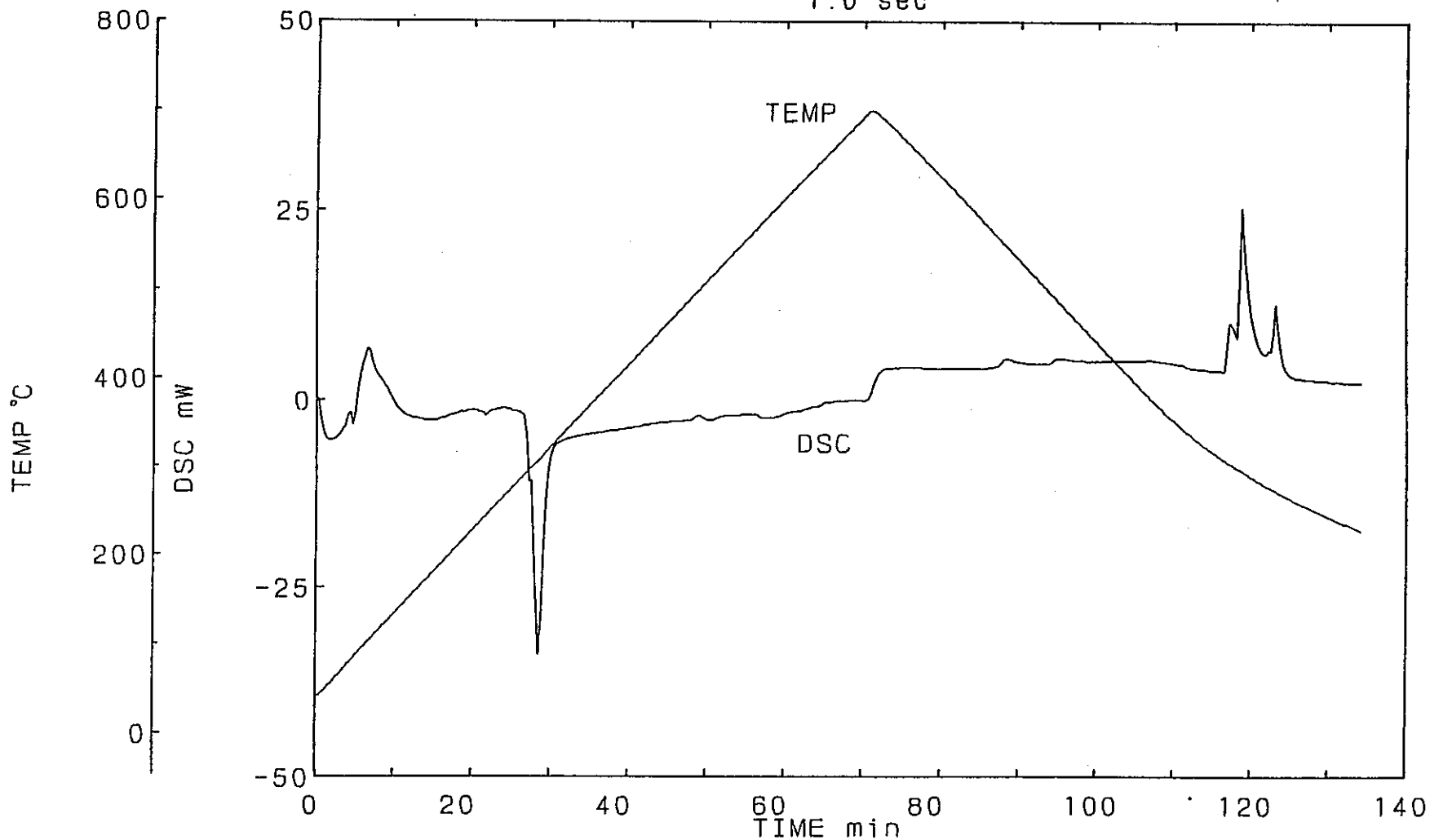
DSC測定チャート 14-2.③ : No.14-2 (降温域: 600~200℃)

<Sample>	<Comment>	<Temp.program[℃]	[°C/min]	[min]
No.14	40:0:60(mol)	1* 35.0- 740.0	10.00	0.00
10.088 mg	Na2O2 5.700mg	2* 740.0- 100.0	10.00	0.00
(10.088 mg)	Na2O 0.000mg	<Gas>		
<Reference>	NaOH 4.388mg	Ar	40.0 ml/min	
Ag	Cooling			
0.000 mg	<Sampling>			
	1.0 sec			



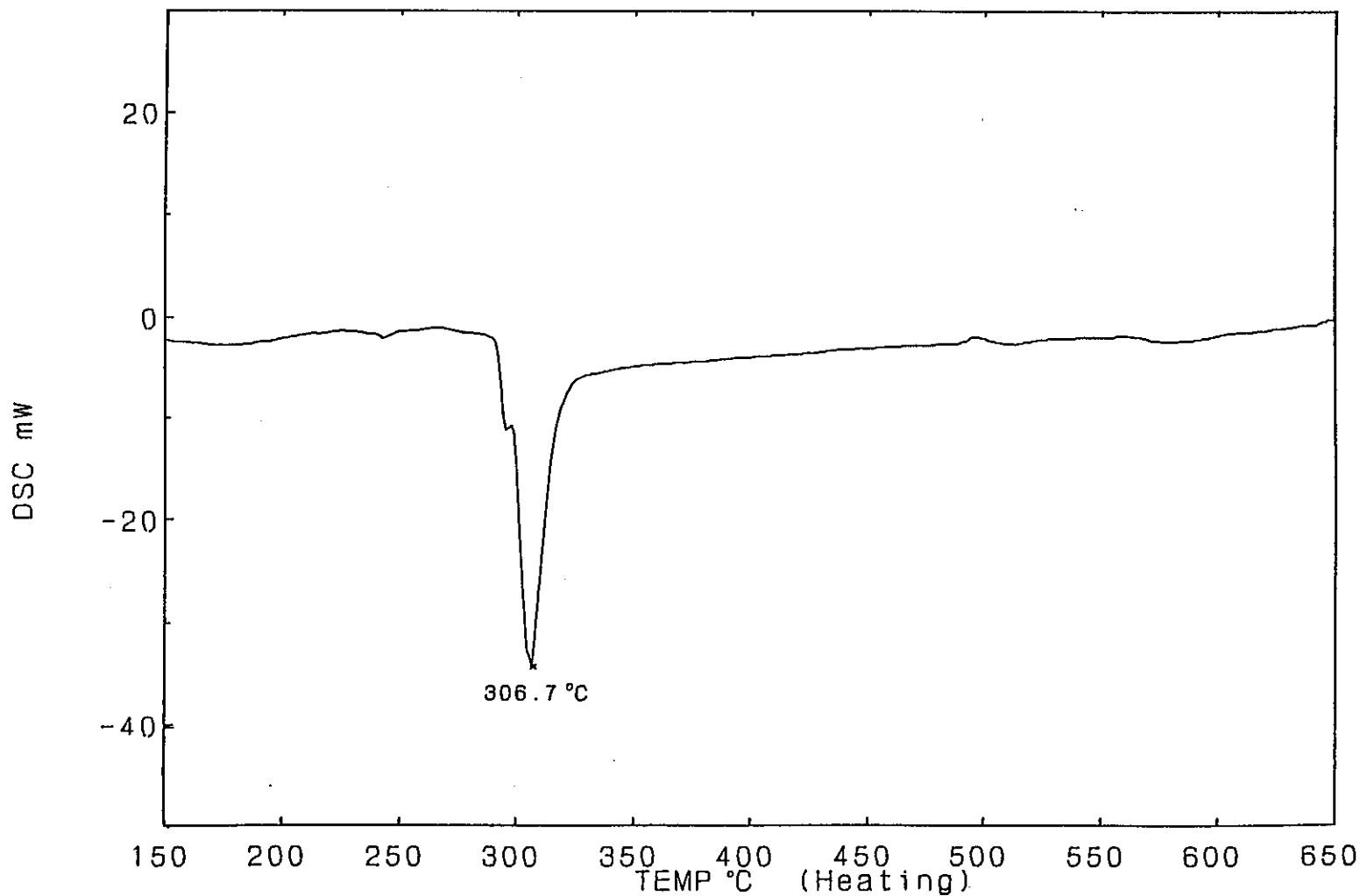
DSC測定チャート 15.① : No.15 (全域)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>		
No.15	20:30:50(mol)	1*	35.0- 740.0	10.00 0.00
10.041 mg	Na2O2 2.871mg	2*	740.0- 100.0	10.00 0.00
(10.041 mg)	Na2O 3.470mg	<Gas>		
<Reference>	NaOH 3.700mg	Ar		
Ag		40.0 ml/min		
0.000 mg	<Sampling>			
	1.0 sec			



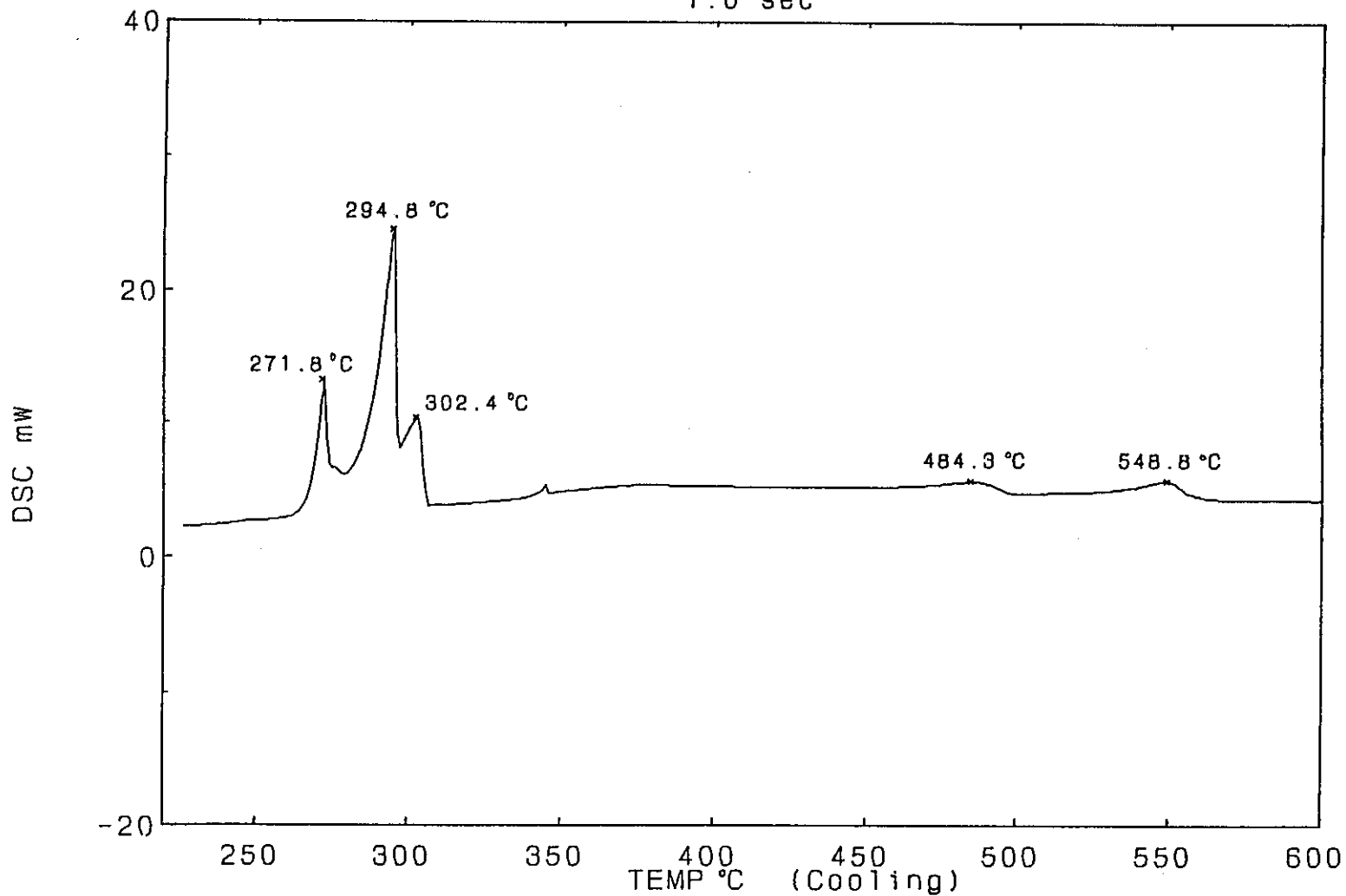
DSC測定チャート 15.② : No.15 (昇温域: 150~650℃)

<Sample>	<Comment>	<Temp.program[℃]	[℃/min]	[min]>
No.15	20:30:50(mol)	1* 35.0- 740.0	10.00	0.00
10.041 mg	Na2O2 2.871mg	2* 740.0- 100.0	10.00	0.00
(10.041 mg)	Na2O 3.470mg	<Gas>		
<Reference>	NaOH 3.700mg	Ar	40.0 ml/min	
Ag	Heating			
0.000 mg	<Sampling>			
	1.0 sec			



DSC測定チャート 15.③ : No.15 (降温域 : 600~200℃)

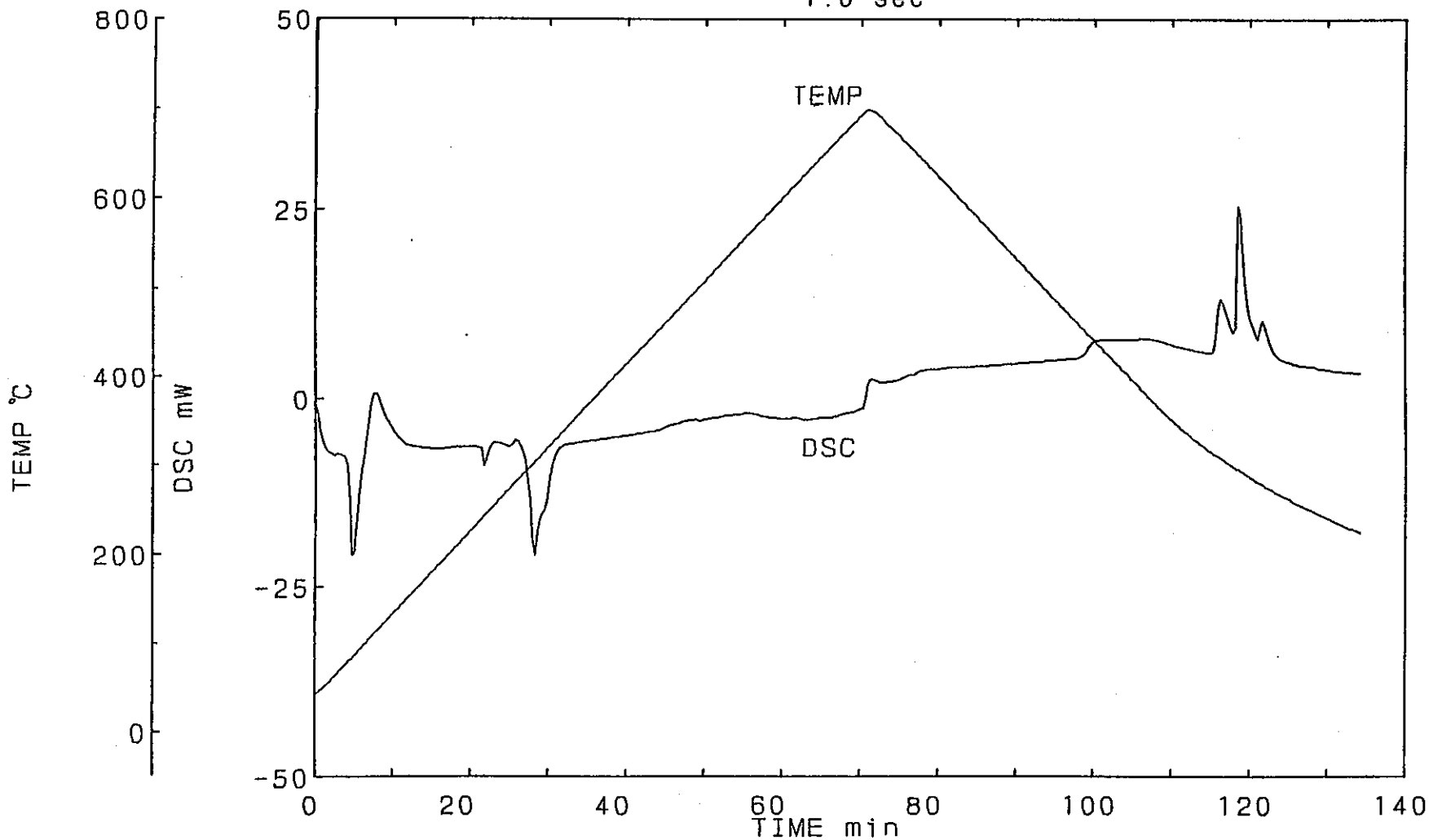
<Sample>	<Comment>	<Temp.program[℃] [℃/min] [min]>		
No.15	20:30:50(mol)	1*	35.0- 740.0	10.00 0.00
10.041 mg	Na2O2 2.871mg	2*	740.0- 100.0	10.00 0.00
(10.041 mg)	Na2O 3.470mg	<Gas>		
<Reference>	NaOH 3.700mg	Ar	40.0 ml/min	
Ag	Cooling			
0.000 mg	<Sampling>			
	1.0 sec			



DSC測定チャート 16.① : No.16 (全域)

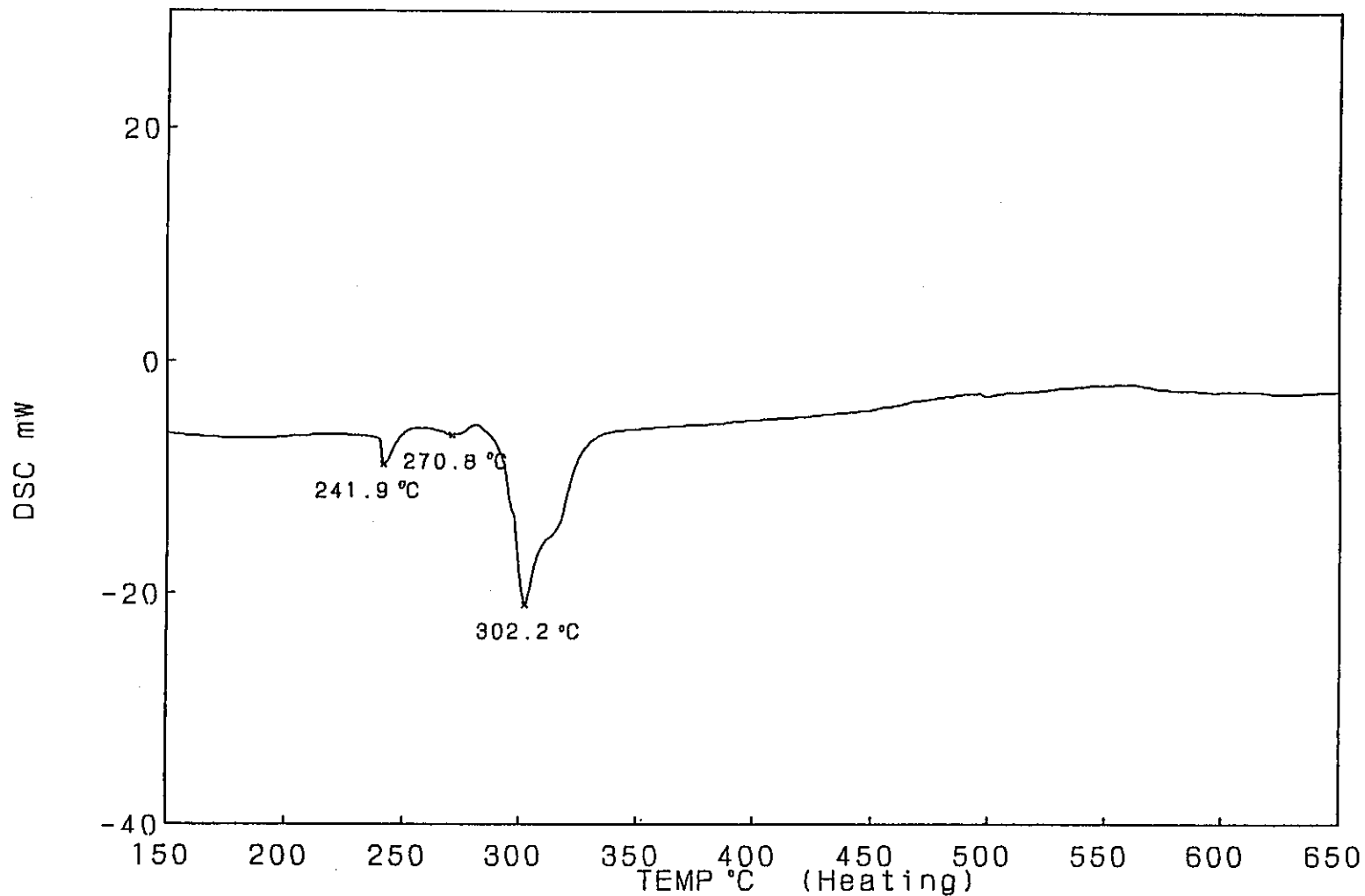
<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>		
No.16	30:20:50(mol)	1*	35.0- 740.0	10.00 0.00
10.606 mg	Na2O2 4.365mg	2*	740.0- 100.0	10.00 0.00
(10.606 mg)	Na2O 2.370mg	<Gas>		
<Reference>	NaOH 3.871mg	Ar	40.0 ml/min	
Ag	0.000 mg	<Sampling>		

1.0 sec



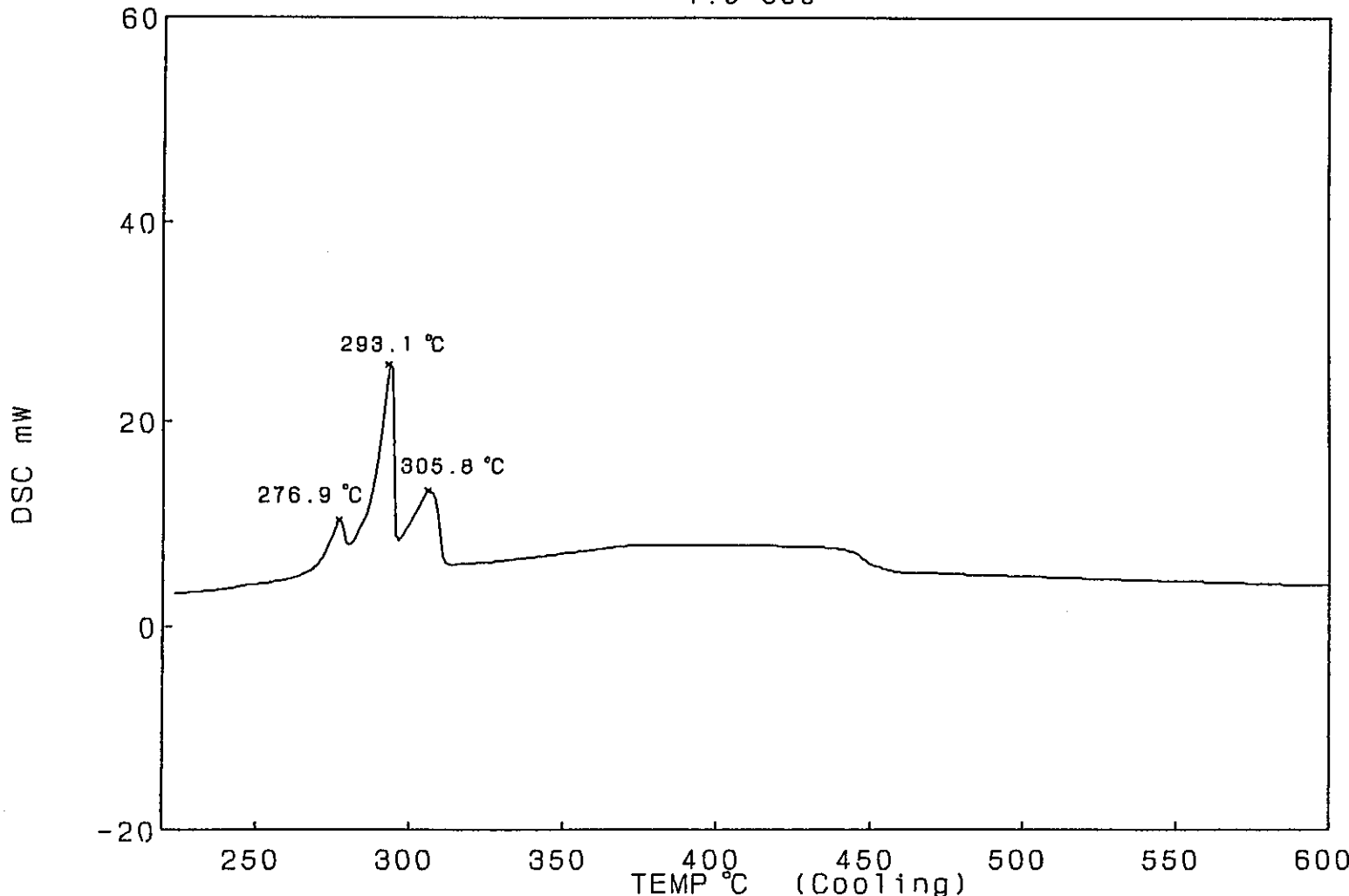
DSC測定チャート 16.② : No.16 (昇温域 : 150~650°C)

<Sample>	<Comment>	<Temp.program[°C]	[°C/min]	[min]>
No.16	30:20:50(mol)	1* 35.0- 740.0	10.00	0.00
10.606 mg	Na2O2 4.365mg	2* 740.0- 100.0	10.00	0.00
(10.606 mg)	Na2O 2.370mg	<Gas>		
<Reference>	NaOH 3.871mg	Ar	40.0 ml/min	
Ag	Heating			
0.000 mg	<Sampling>			
	1.0 sec			



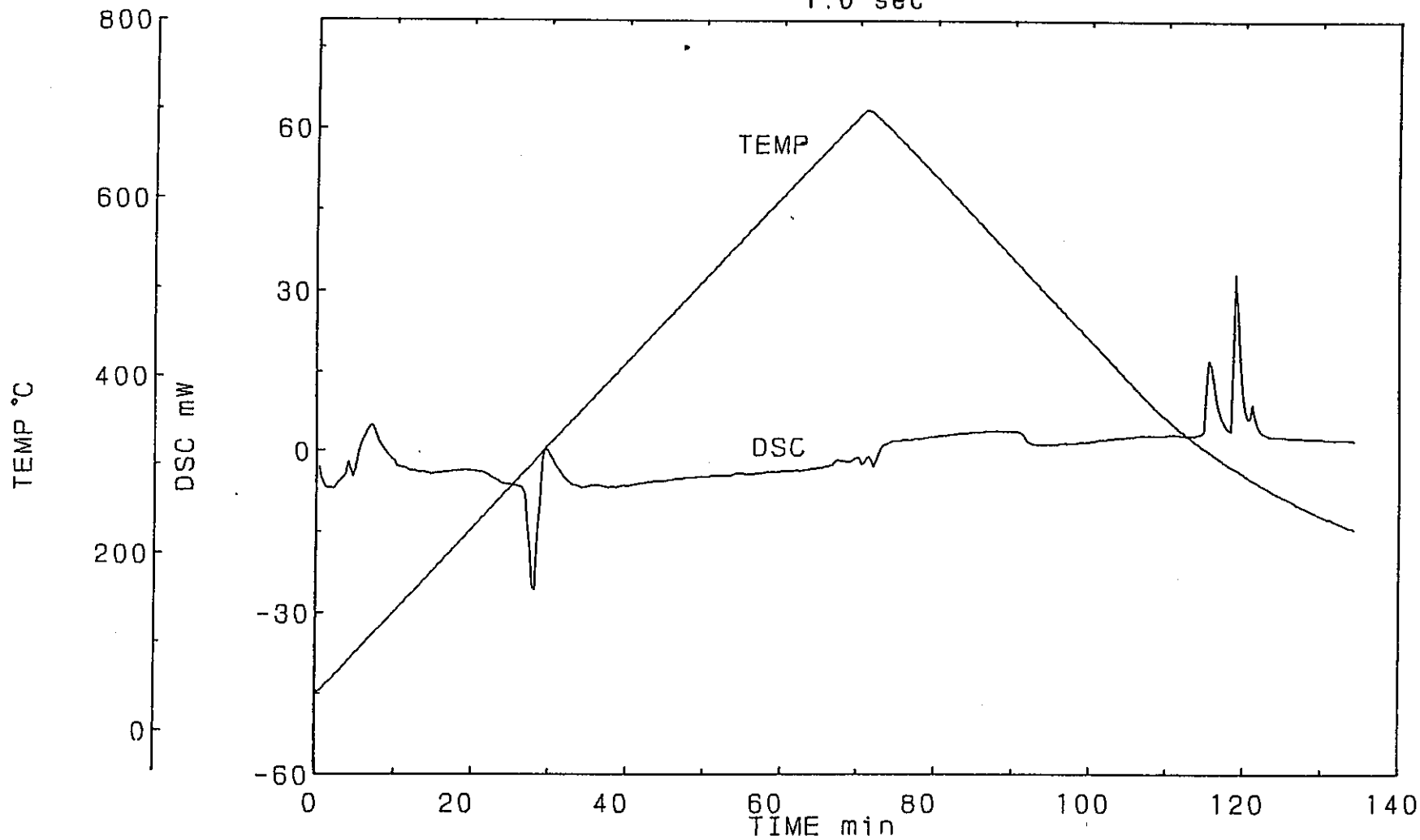
DSC測定チャート 16.③ : No.16 (降温域 : 600~200℃)

<Sample>	<Comment>	<Temp.program[°C]	[°C/min]	[min]>
No.16	30:20:50(mol)	1* 35.0- 740.0	10.00	0.00
10.606 mg	Na2O2 4.365mg	2* 740.0- 100.0	10.00	0.00
(10.606 mg)	Na2O 2.370mg	<Gas>		
<Reference>	NaOH 3.871mg	Ar		40.0 ml/min
Ag	Cooling			
0.000 mg	<Sampling>			
	1.0 sec			



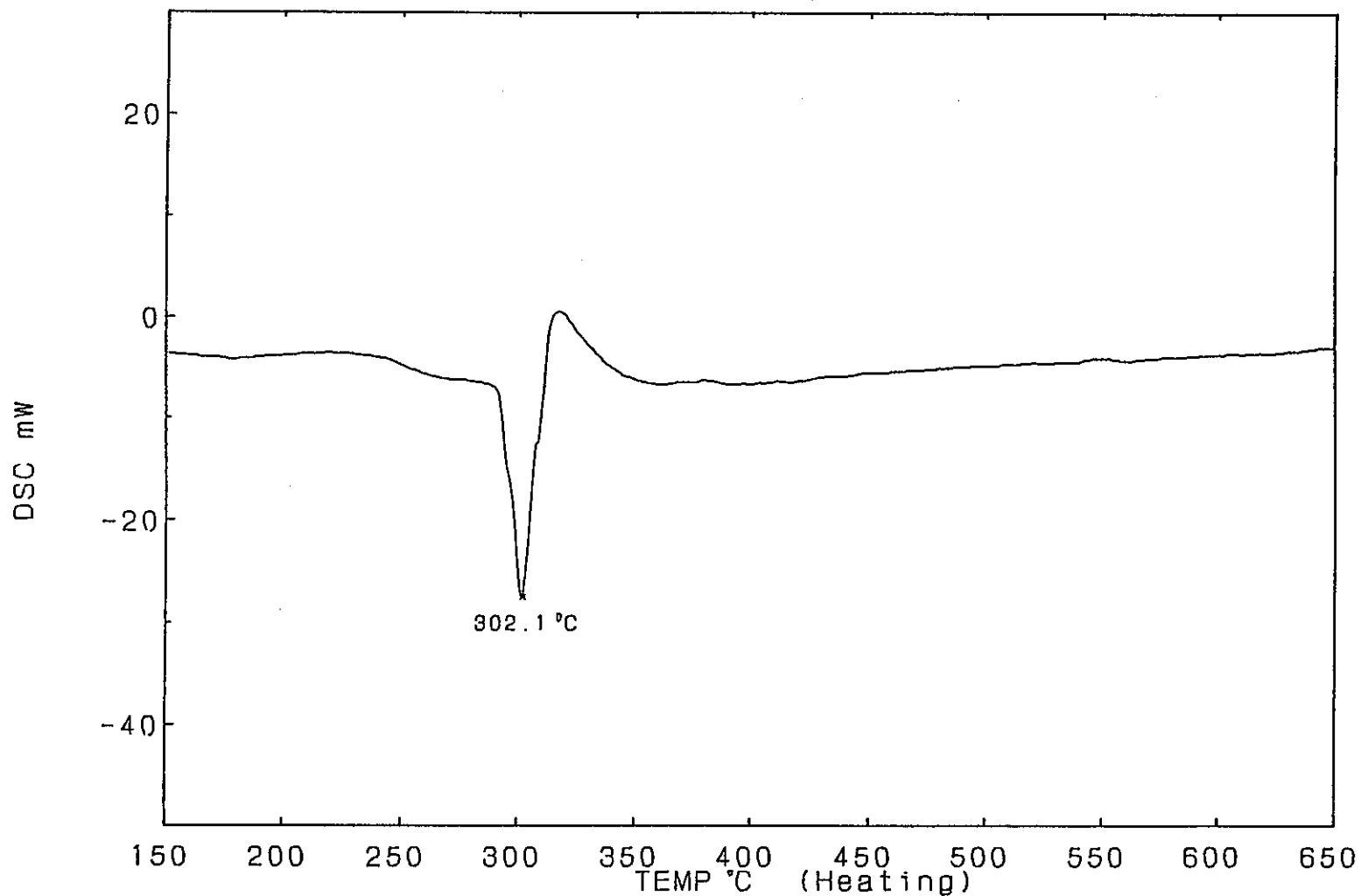
DSC測定チャート 17-1.① : No.17-1 (全域)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>		
No.17	20:40:40(mol%)	1*	35.0- 740.0	10.00 0.00
10.182 mg	Na2O2 2.822mg	2*	740.0- 100.0	10.00 0.00
(10.182 mg)	Na2O 4.491mg	<Gas>		
<Reference>	NaOH 2.869mg	Ar	40.0 ml/min	
Ag	0.000 mg	<Sampling>	1.0 sec	



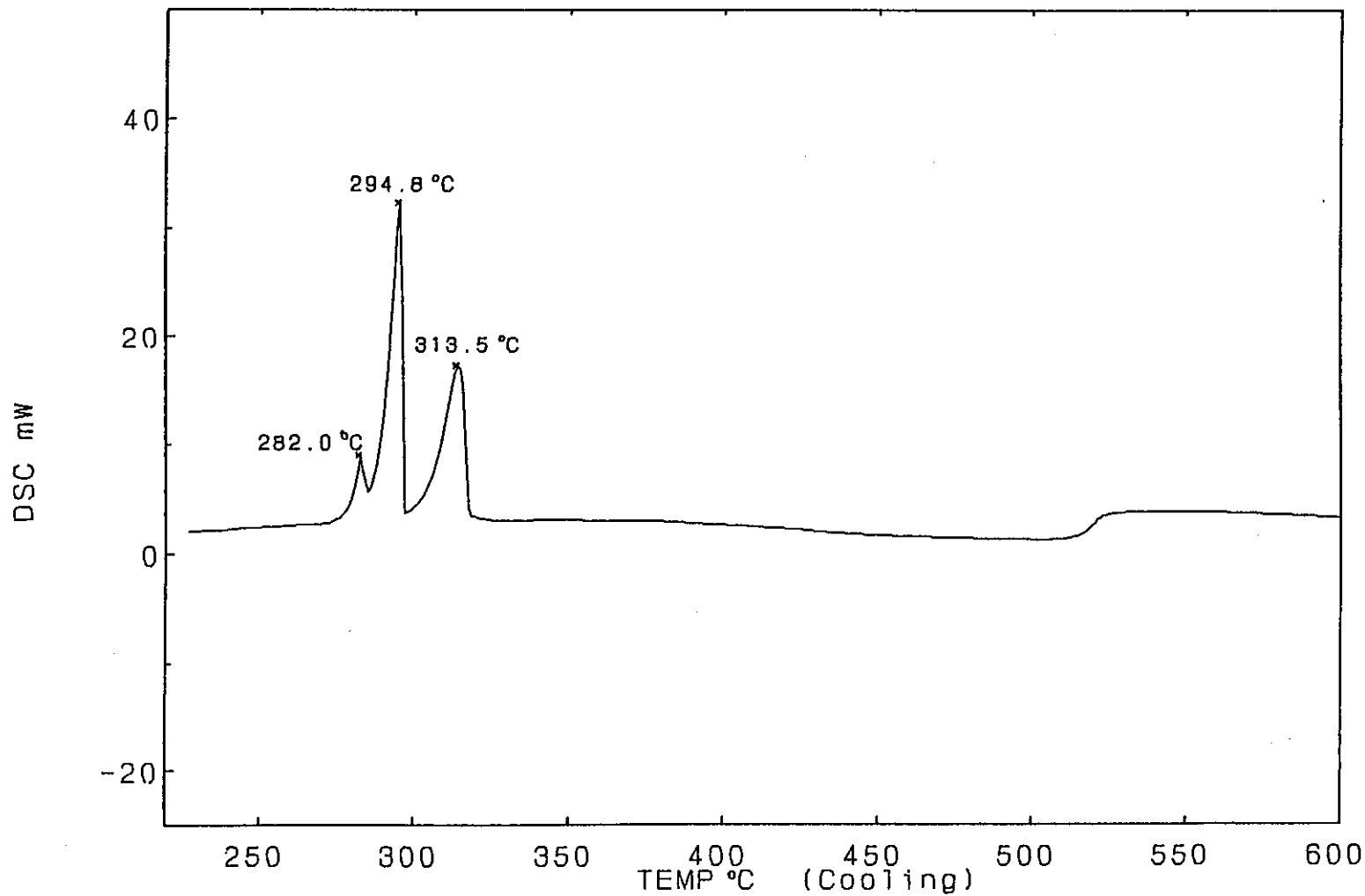
DSC測定チャート 17-1.② : No.17-1 (昇温域: 150~650°C)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>		
No.17	20:40:40(mol%)	1*	35.0- 740.0	10.00 0.00
10.182 mg	Na2O2 2.822mg	2*	740.0- 100.0	10.00 0.00
(10.182 mg)	Na2O 4.491mg	<Gas>		
<Reference>	NaOH 2.869mg	Ar 40.0 ml/min		
Ag	Heating			
0.000 mg	<Sampling>			
	1.0 sec			



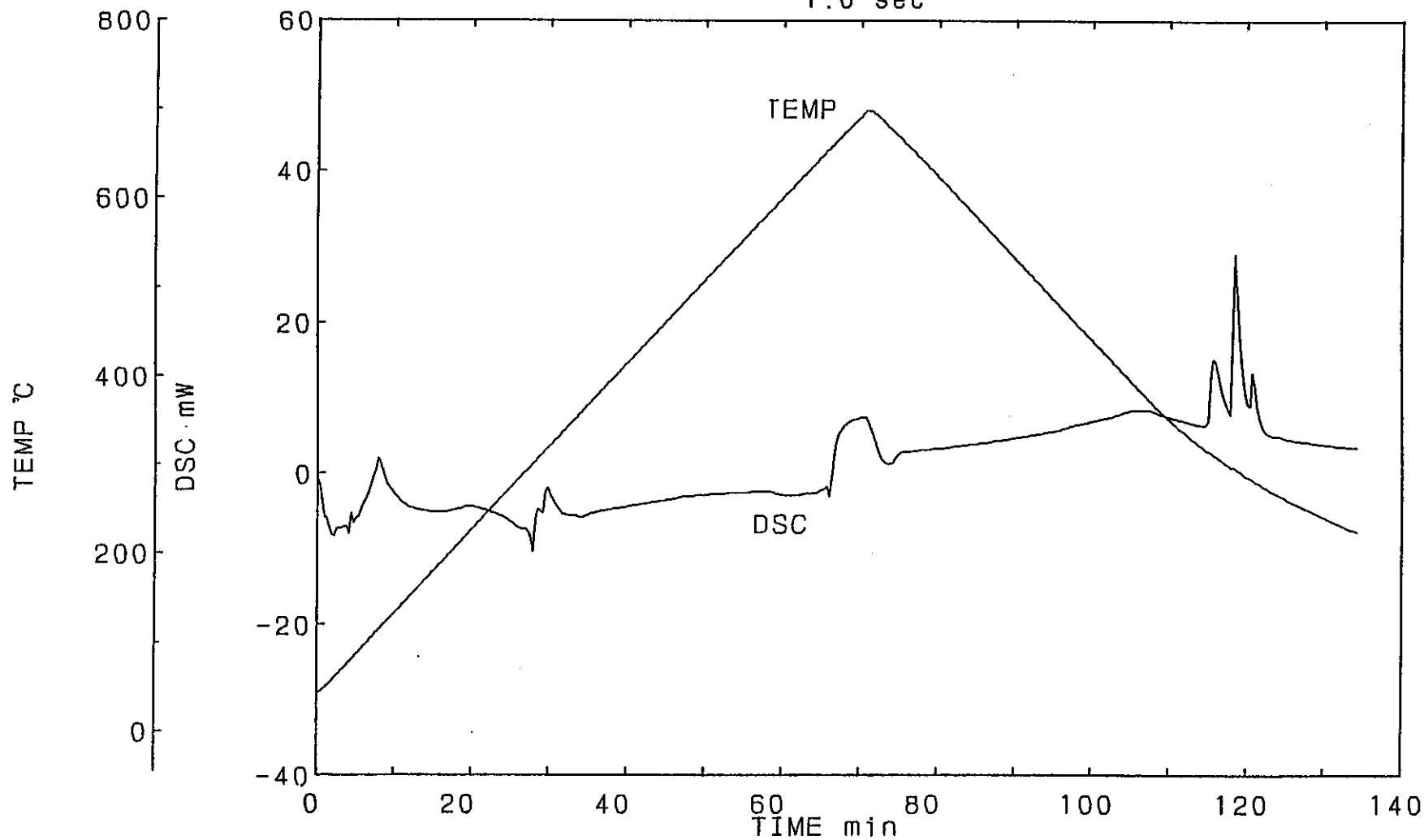
DSC測定チャート 17-1.③ : No.17-1 (降温域: 600~200℃)

<Sample>	<Comment>	<Temp.program[℃]	[℃/min]	[min]>
No.17	20:40:40(mol%)	1* 35.0- 740.0	10.00	0.00
10.182 mg	Na2O2 2.822mg	2* 740.0- 100.0	10.00	0.00
(10.182 mg)	Na2O 4.491mg	<Gas>		
<Reference>	NaOH 2.869mg	Ar	40.0 ml/min	
Ag	Cooling			
0.000 mg	<Sampling>			
	1.0 sec			



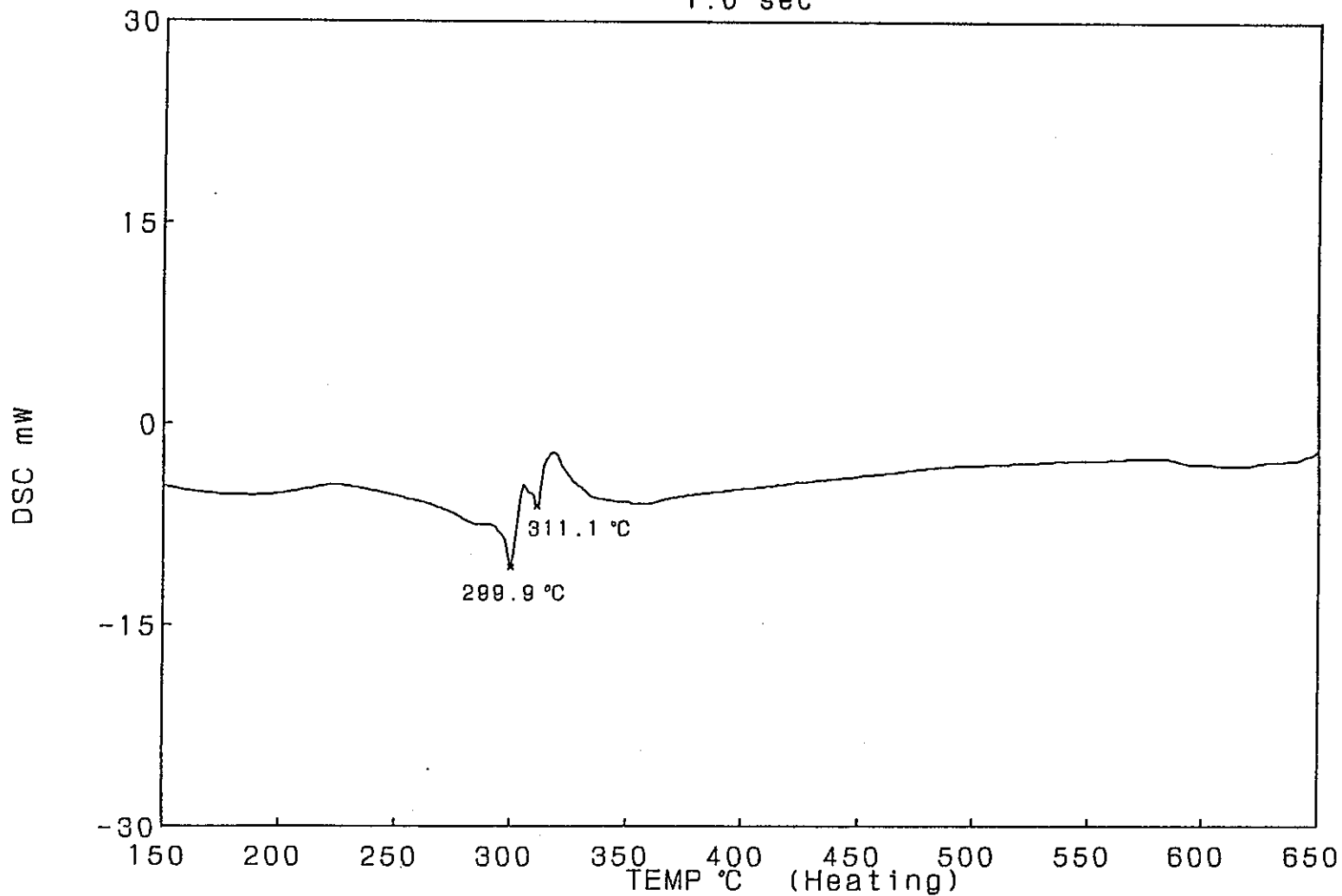
DSC測定チャート 17-2.① : No.17-2 (全域)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>		
No.17	20:40:40(mol)	1*	35.0- 740.0	10.00 0.00
10.231 mg	Na2O2 2.866mg	2*	740.0- 100.0	10.00 0.00
(10.231 mg)	Na2O 4.423mg	<Gas>		
<Reference>	NaOH 2.942mg	Ar	40.0 ml/min	
Ag				
0.000 mg	<Sampling>			
	1.0 sec			



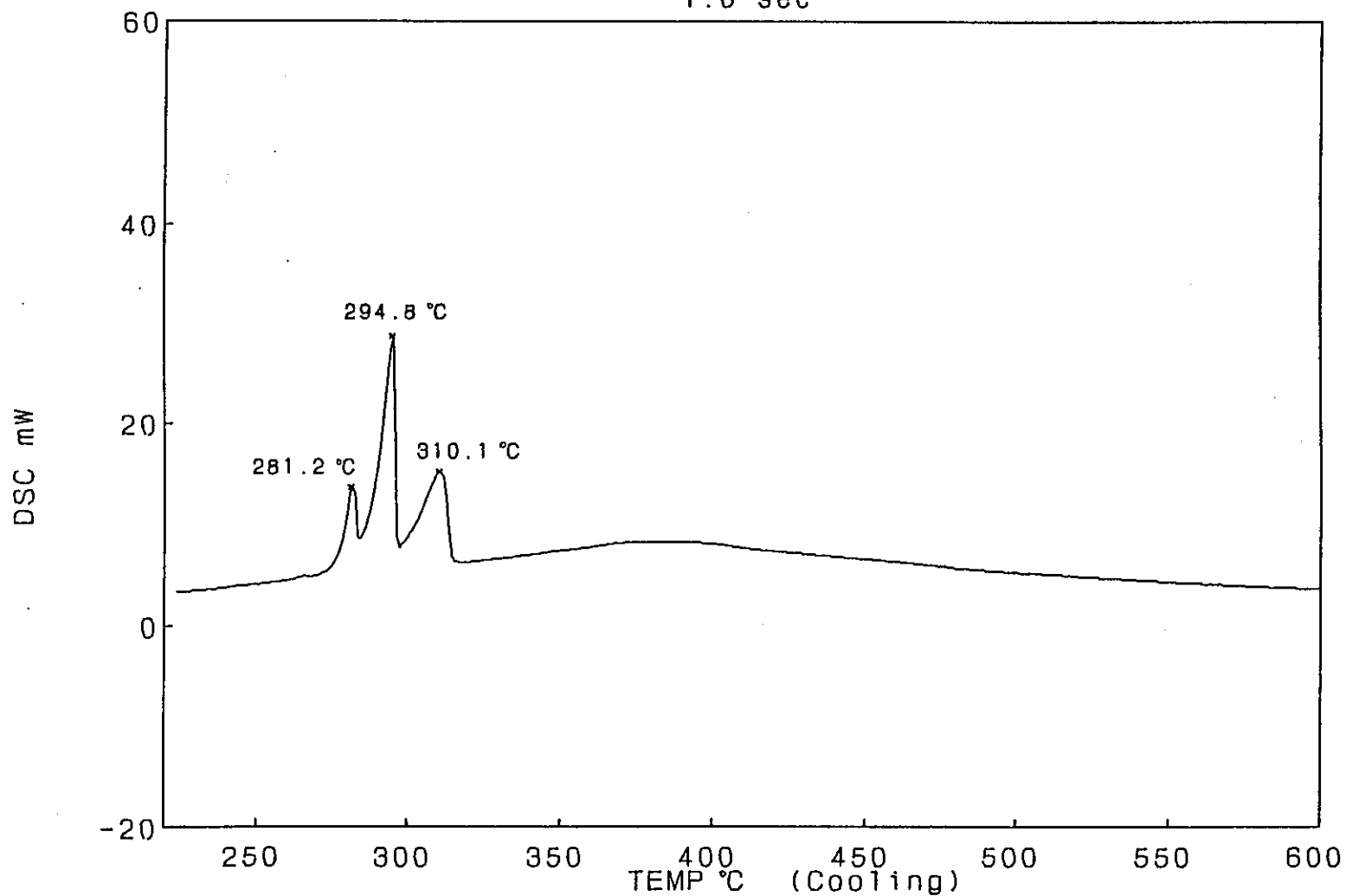
DSC測定チャート 17-2.② : No.17-2 (昇温域: 150~650°C)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>		
No.17	20:40:40(mol)	1*	35.0- 740.0	10.00 0.00
10.231 mg	Na2O2 2.866mg	2*	740.0- 100.0	10.00 0.00
(10.231 mg)	Na2O 4.423mg	<Gas>		
<Reference>	NaOH 2.942mg	Ar		
Ag	Heating	40.0 ml/min		
0.000 mg	<Sampling>	1.0 sec		



DSC測定チャート 17-2.③ : No.17-2 (降温域: 600~200°C)

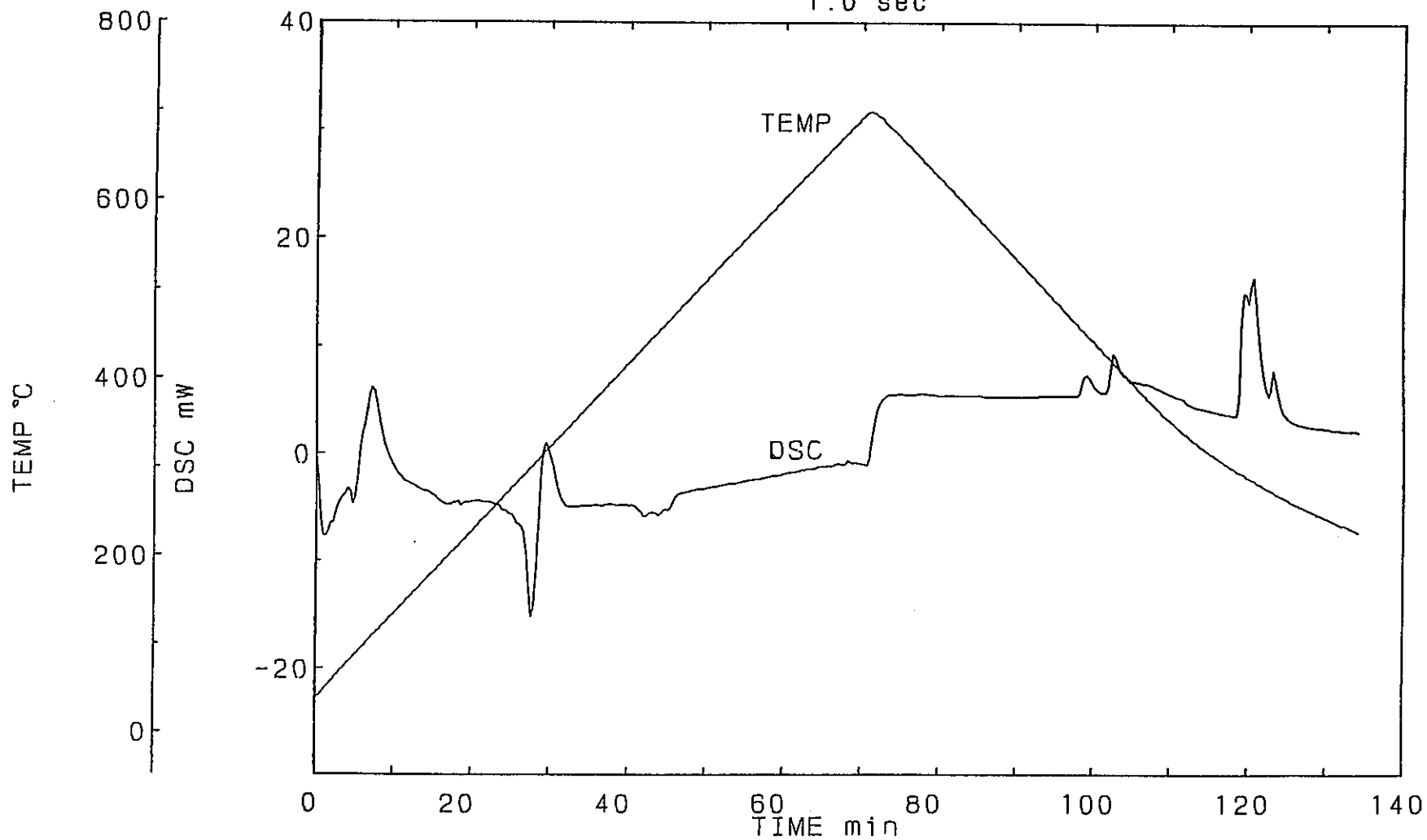
<Sample>	<Comment>	<Temp.program[°C]	[°C/min]	[min]>
No.17	20:40:40(mol)	1* 35.0- 740.0	10.00	0.00
10.231 mg	Na2O2 2.866mg	2* 740.0- 100.0	10.00	0.00
(10.231 mg)	Na2O 4.423mg	<Gas>		
<Reference>	NaOH 2.942mg	Ar	40.0 ml/min	
Ag	Cooling			
0.000 mg	<Sampling>			
	1.0 sec			



DSC測定チャート 18-1.① : No.18-1 (全域)

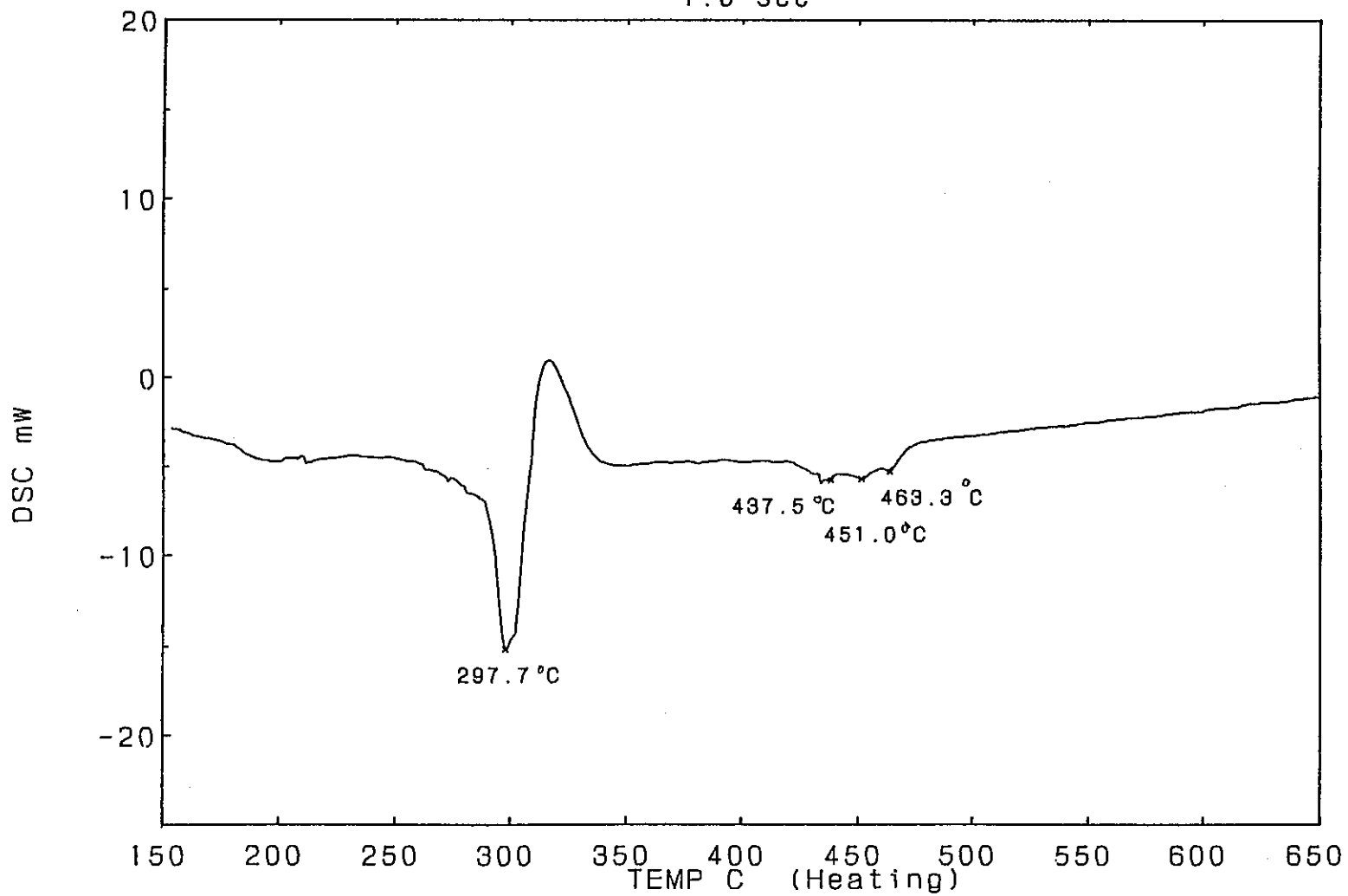
<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>		
No.18	30:30:40(mol)	1*	35.0- 740.0	10.00 0.00
9.732 mg	Na2O2 3.952mg	2*	740.0- 100.0	10.00 0.00
(9.732 mg)	Na2O 3.157mg	<Gas>		
<Reference>	NaOH 2.627mg	Ar	40.0 ml/min	
Ag	0.000 mg	<Sampling>		
		1.0 sec		

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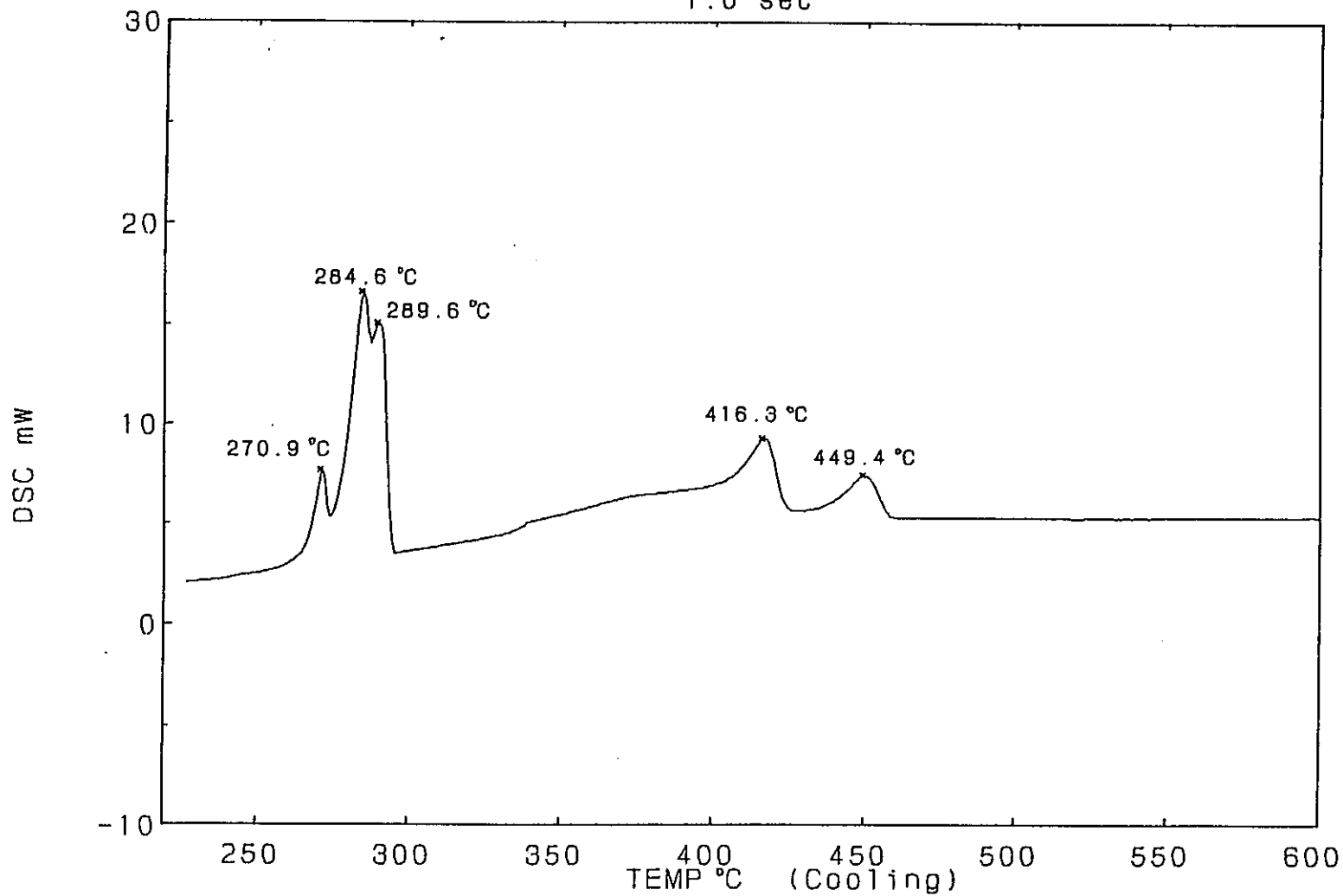
DSC測定チャート 18-1.② : No.18-1 (昇温域: 150~650℃)

<Sample>	<Comment>	<Temp.program[°C]	[°C/min]	[min]>
No.18	30:30:40(mol)	1* 35.0- 740.0	10.00	0.00
9.732 mg	Na2O2 3.952mg	2* 740.0- 100.0	10.00	0.00
(9.732 mg)	Na2O 3.157mg	<Gas>		
<Reference>	NaOH 2.627mg	Ar	40.0 ml/min	
Ag	Heating			
0.000 mg	<Sampling>			
	1.0 sec			



DSC測定チャート 18-1.③ : No.18-1 (降温域 : 600~200℃)

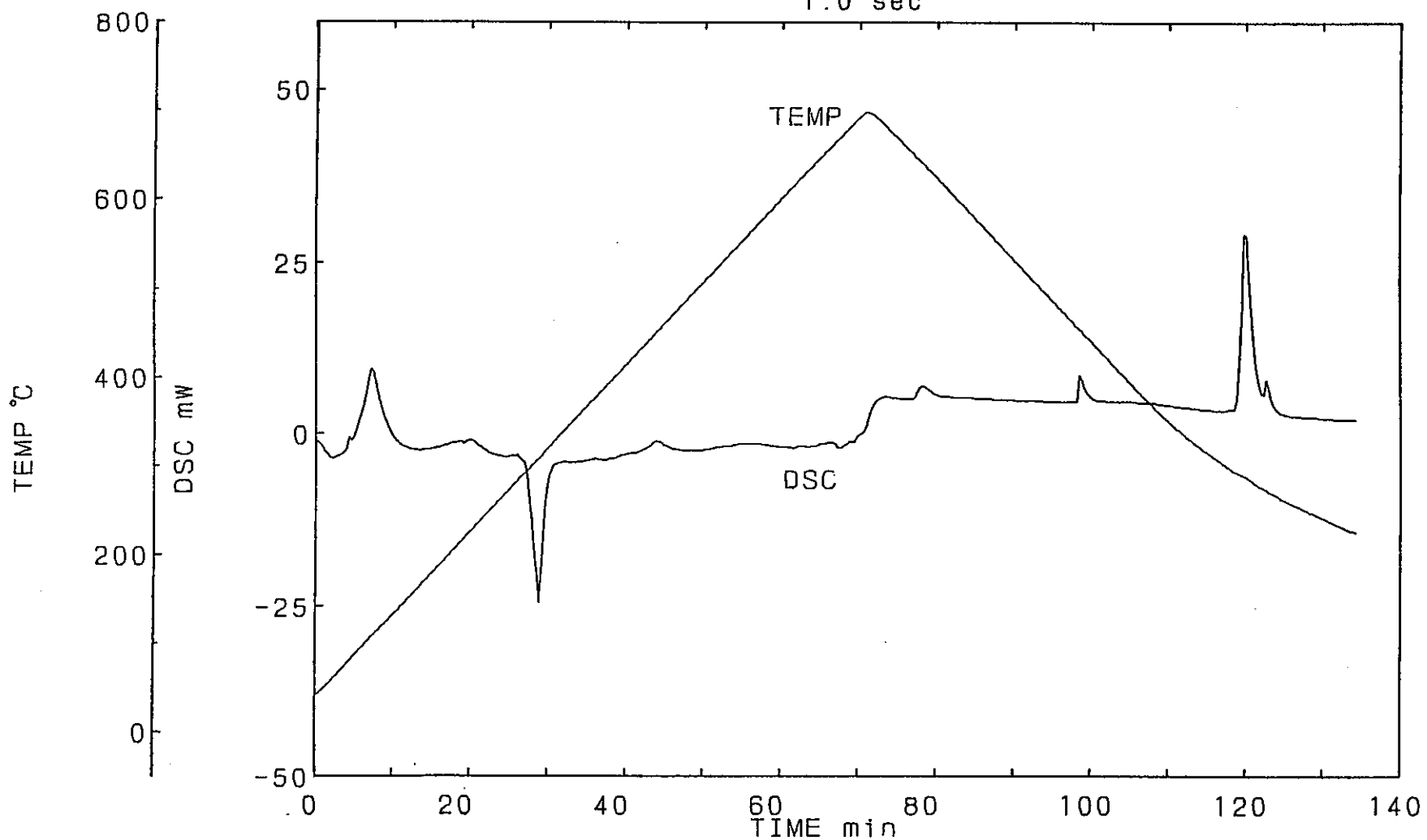
<Sample>	<Comment>	<Temp.program[℃] [℃/min] [min]>		
No.18	30:30:40(mol)	1*	35.0- 740.0	10.00 0.00
9.732 mg	Na2O2 3.952mg	2*	740.0- 100.0	10.00 0.00
(9.732 mg)	Na2O 3.157mg	<Gas>		
<Reference>	NaOH 2.627mg	Ar	40.0 ml/min	
Ag	Cooling			
0.000 mg	<Sampling>			
	1.0 sec			



DSC測定チャート 18-2.① : No.18-2 (全域)

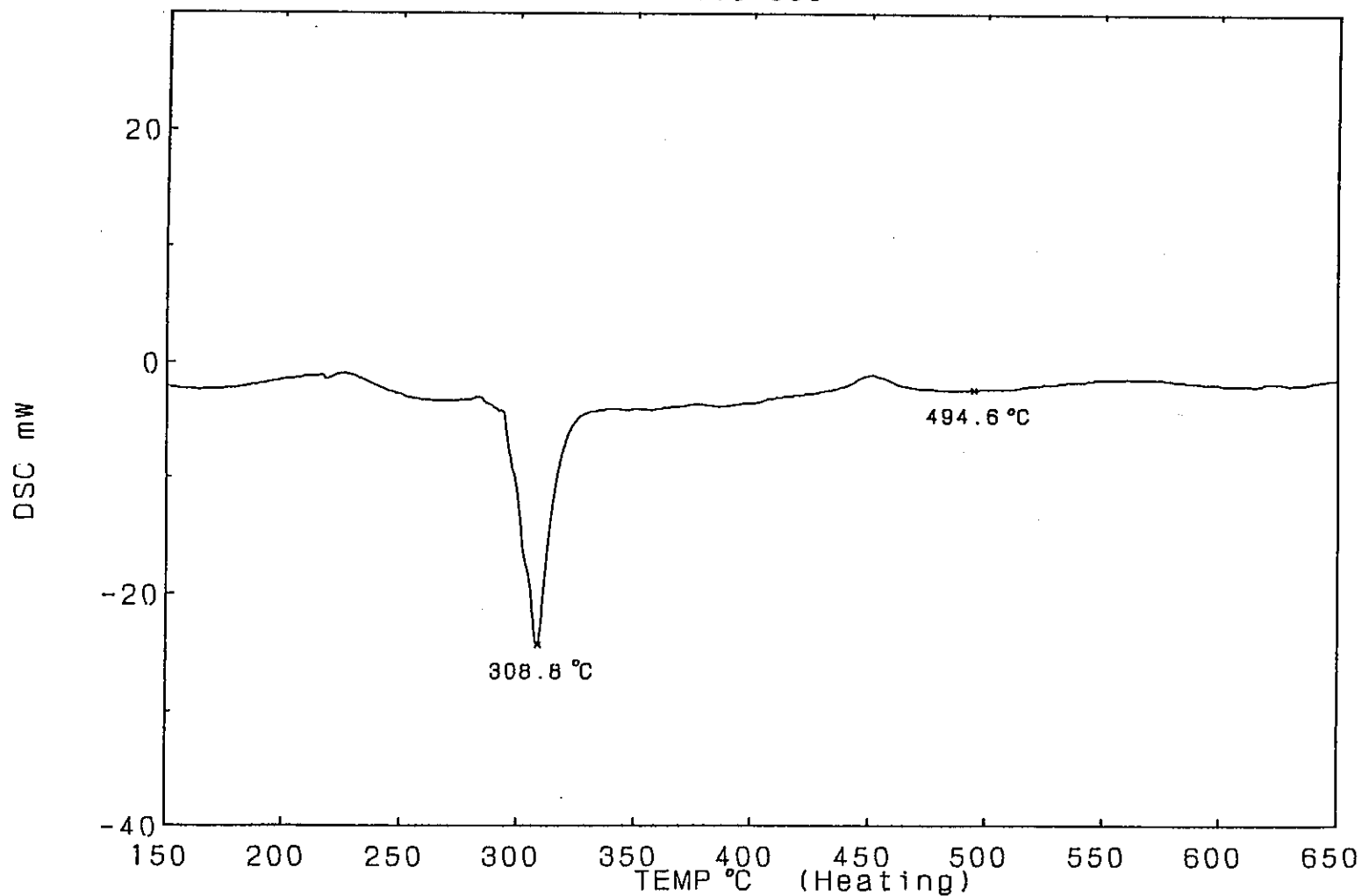
<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>		
No.18	30:30:40(mol)	1*	35.0- 740.0	10.00 0.00
10.232 mg	Na2O2 4.047mg	2*	740.0- 100.0	10.00 0.00
(10.232 mg)	Na2O 3.300mg	<Gas>		
<Reference>	NaOH 2.895mg	Ar	40.0 ml/min	
Ag	0.000 mg	<Sampling>		
		1.0 sec		

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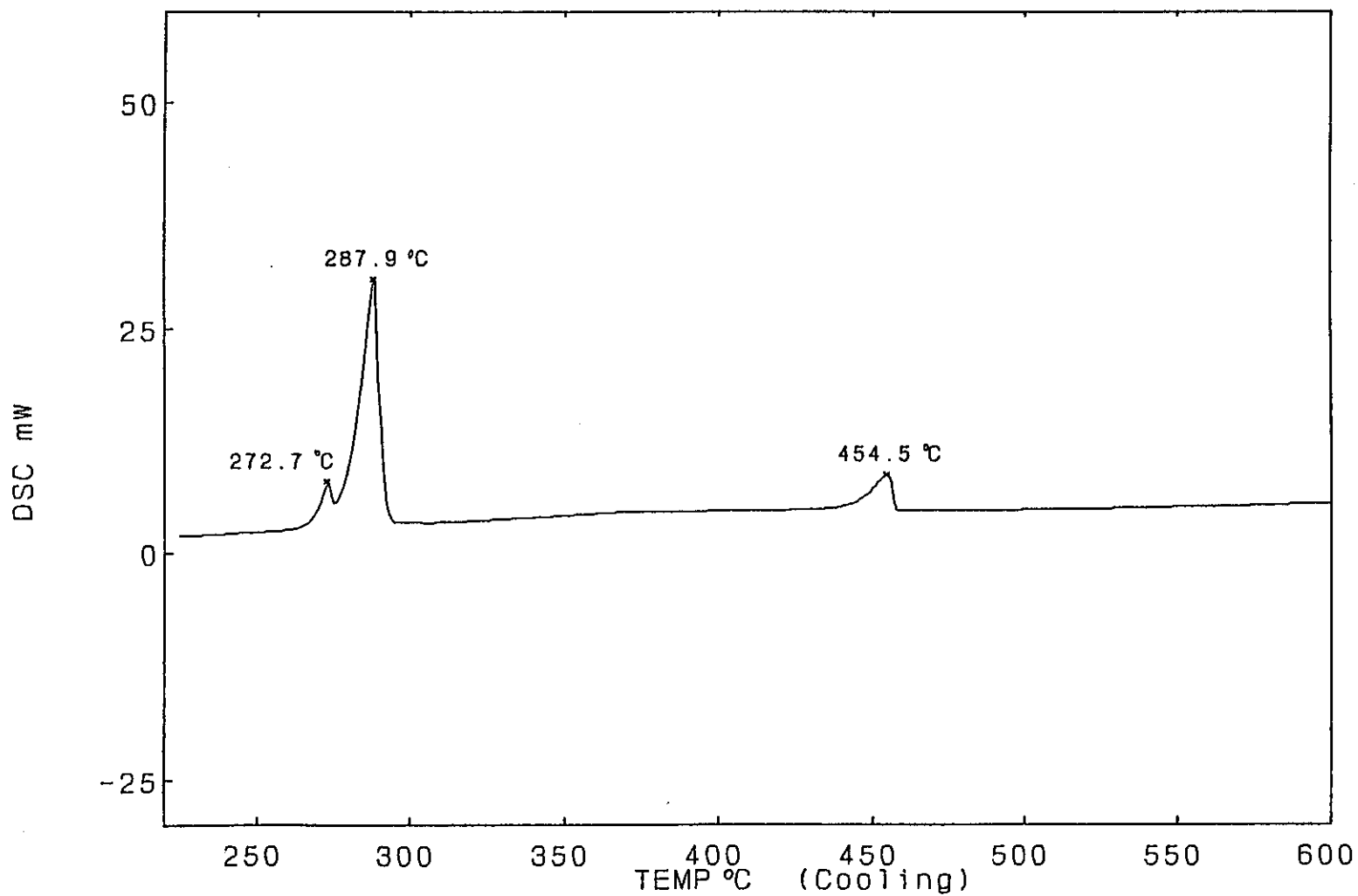
DSC測定チャート 18-2.② : No.18-2 (昇温域: 150~650℃)

<Sample>	<Comment>	<Temp.program[°C]	[°C/min]	[min]>
No.18	30:30:40(mol)	1*	35.0- 740.0	10.00 0.00
10.232 mg	Na2O2 4.047mg	2*	740.0- 100.0	10.00 0.00
(10.232 mg)	Na2O 3.300mg	<Gas>		
<Reference>	NaOH 2.895mg	Ar		40.0 ml/min
Ag				
0.000 mg	<Sampling>			
	1.0 sec			



DSC測定チャート 18-2.③ : No.18-2 (降温域 : 600~200℃)

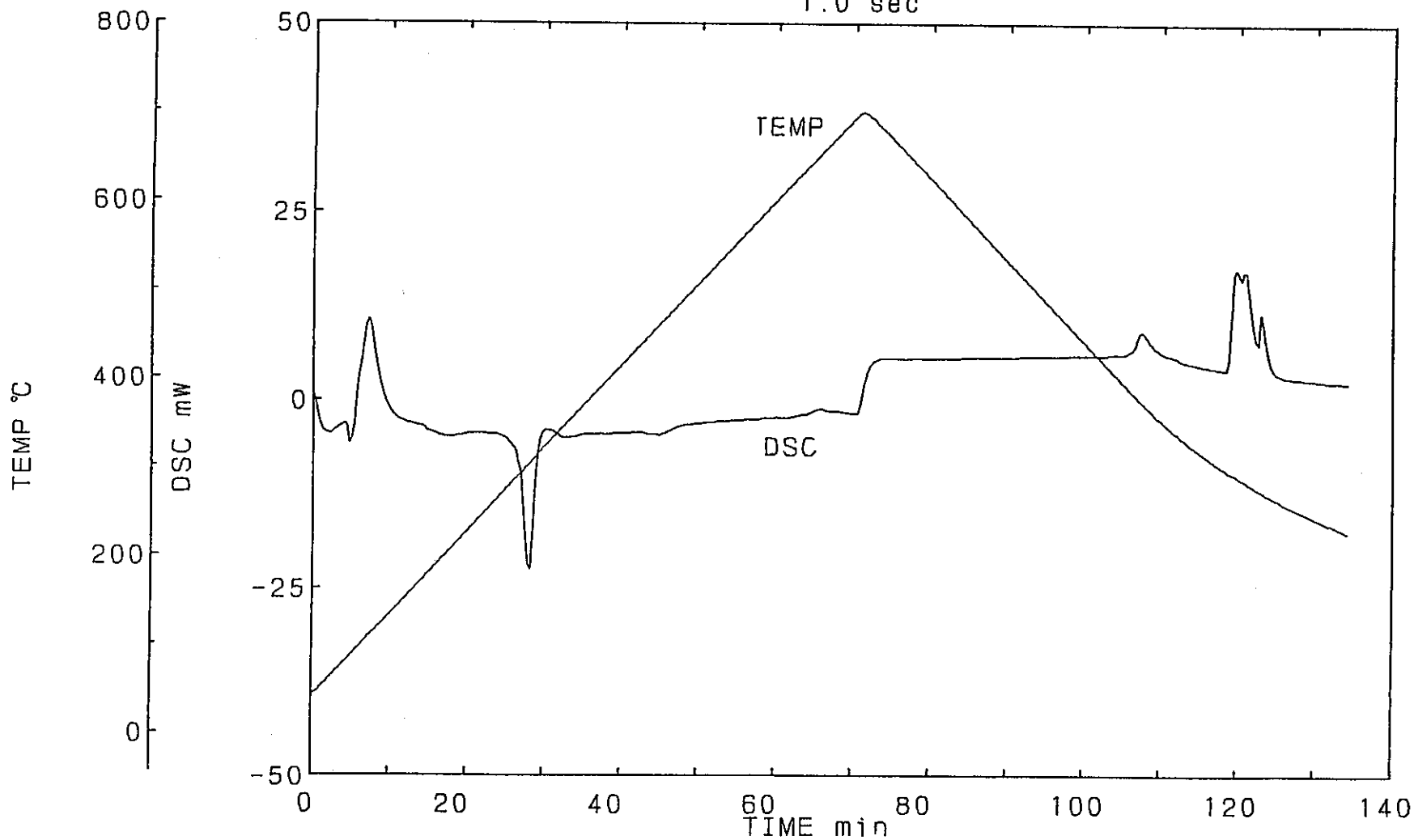
<Sample>	<Comment>	<Temp.program[℃]	[℃/min]	[min]>
No.18	30:30:40(mol)	1* 35.0- 740.0	10.00	0.00
10.232 mg	Na2O2 4.047mg	2* 740.0- 100.0	10.00	0.00
(10.232 mg)	Na2O 3.300mg	<Gas>		
<Reference>	NaOH 2.895mg	Ar	40.0 ml/min	
Ag	Cooling			
0.000 mg	<Sampling>			
	1.0 sec			



DSC測定チャート 19.① : No.19 (全域)

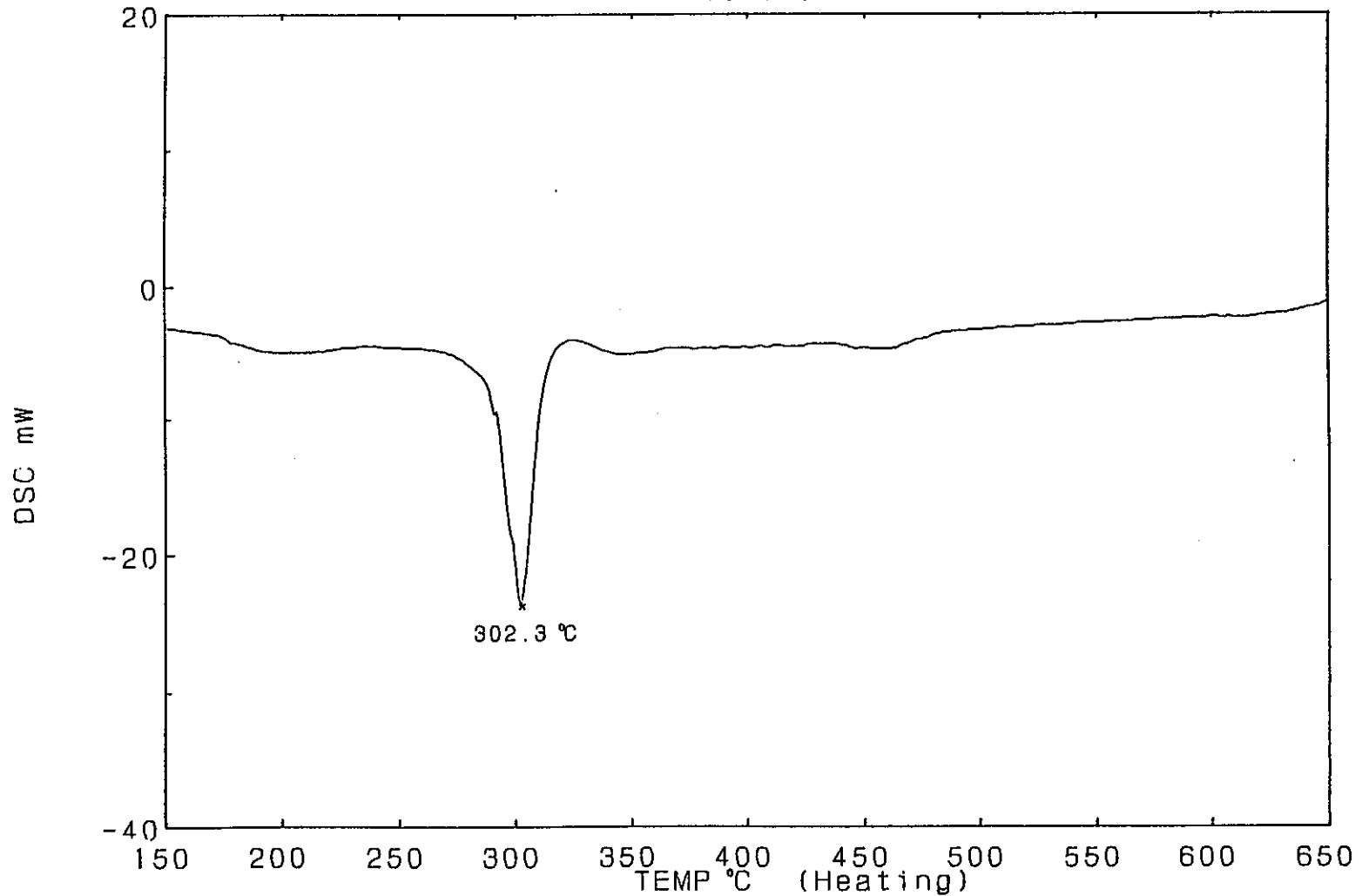
<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>		
No.19	40:20:40(mol)	1*	35.0- 740.0	10.00 0.00
10.569 mg	Na2O2 5.361mg	2*	740.0- 100.0	10.00 0.00
(10.569 mg)	Na2O 2.315mg	<Gas>		
<Reference>	NaOH 2.893mg	Ar	40.0 ml/min	
Ag	0.000 mg	<Sampling>		
		1.0 sec		

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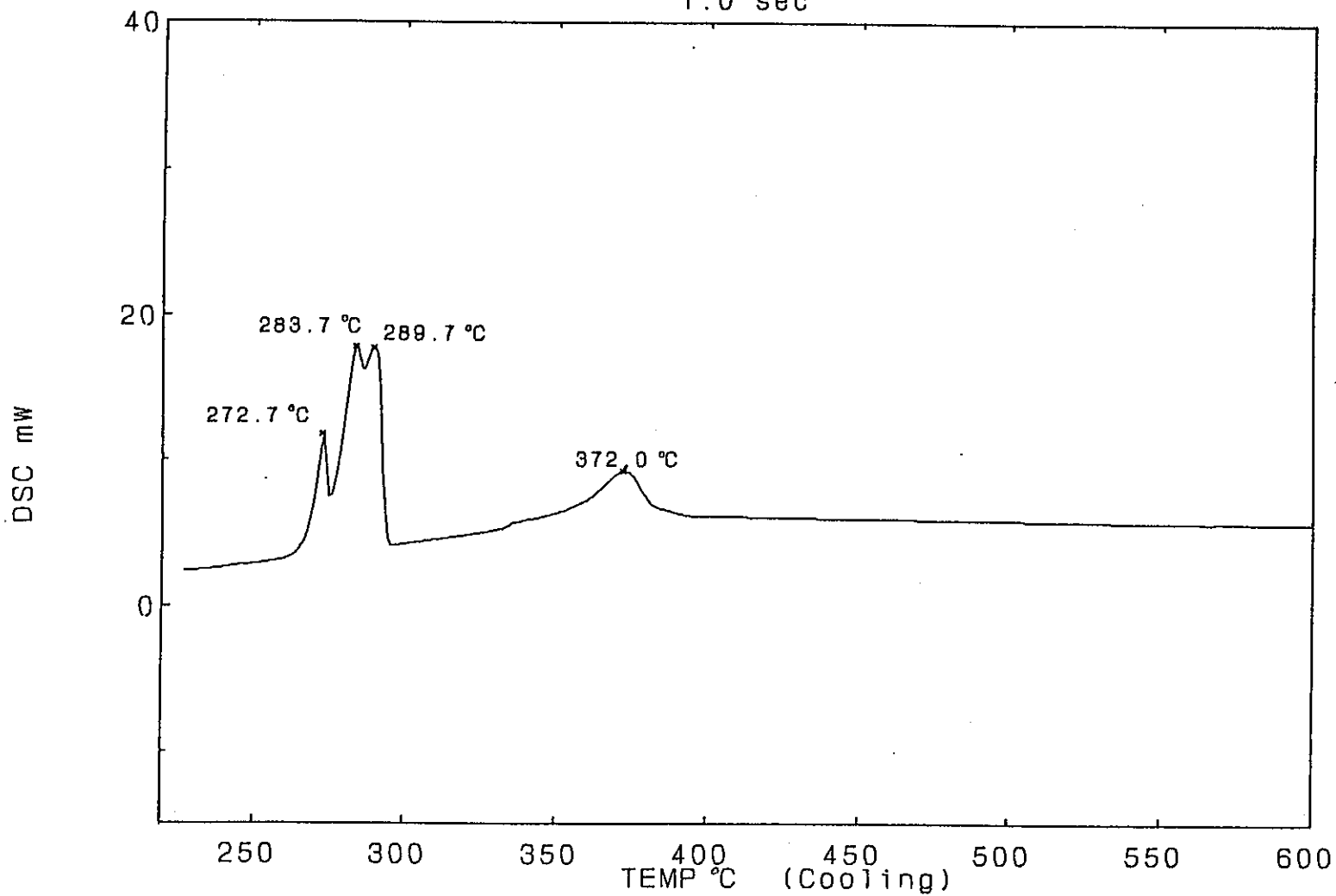
DSC測定チャート 19.② : No.19 (昇温域: 150~650°C)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>		
No.19	40:20:40(mol)	1*	35.0- 740.0	10.00 0.00
10.569 mg	Na2O2 5.361mg	2*	740.0- 100.0	10.00 0.00
(10.569 mg)	Na2O 2.315mg	<Gas>		
<Reference>	NaOH 2.893mg	Ar 40.0 ml/min		
Ag	Heating			
0.000 mg	<Sampling>			
	1.0 sec			



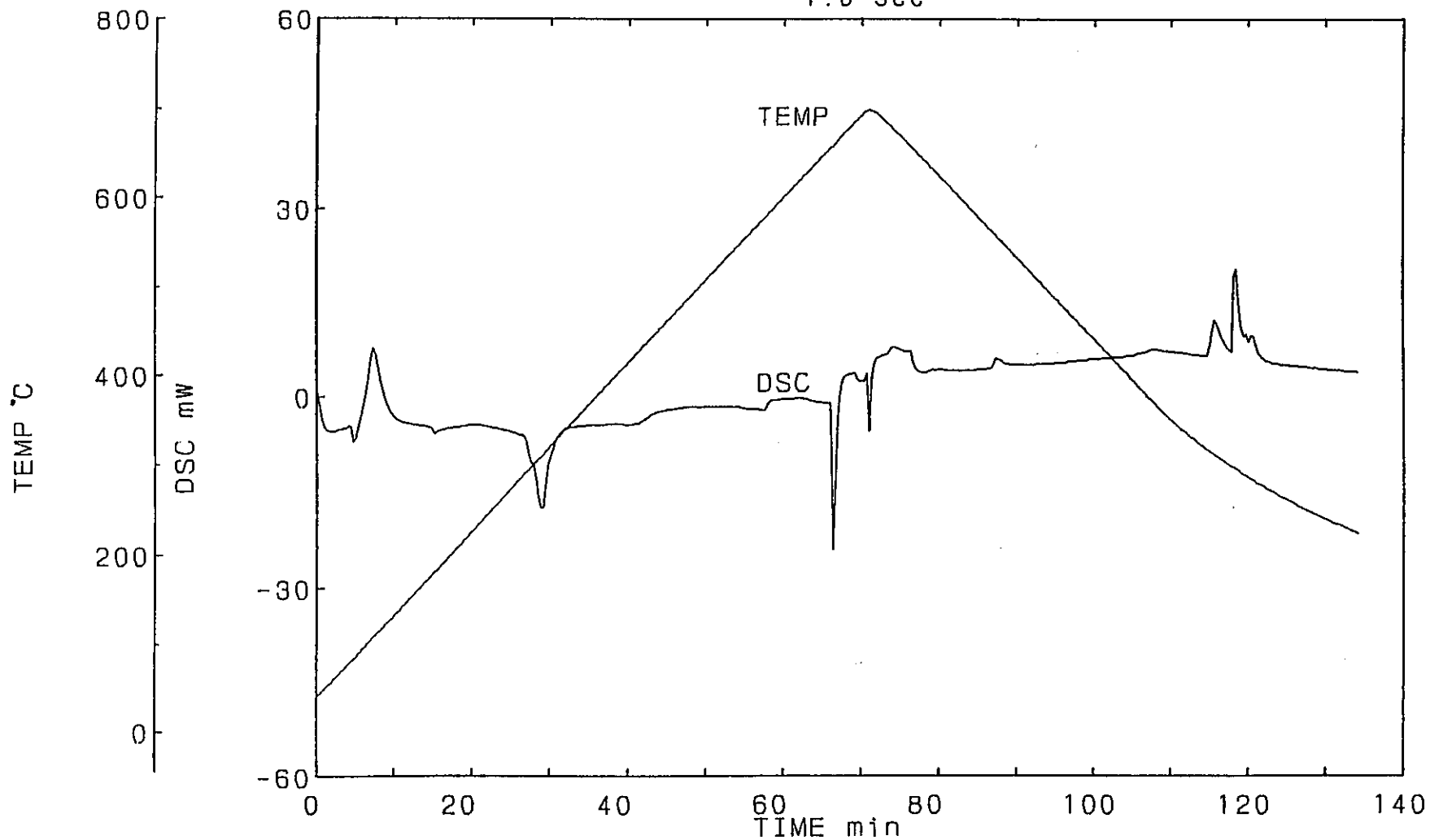
DSC測定チャート 19.③ : No.19 (降温域 : 600~200°C)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>		
No.19	40:20:40(mol)	1*	35.0- 740.0	10.00 0.00
10.569 mg	Na2O2 5.361mg	2*	740.0- 100.0	10.00 0.00
(10.569 mg)	Na2O 2.315mg	<Gas>		
<Reference>	NaOH 2.893mg	Ar		
Ag	Cooling	40.0 ml/min		
0.000 mg	<Sampling>			
	1.0 sec			



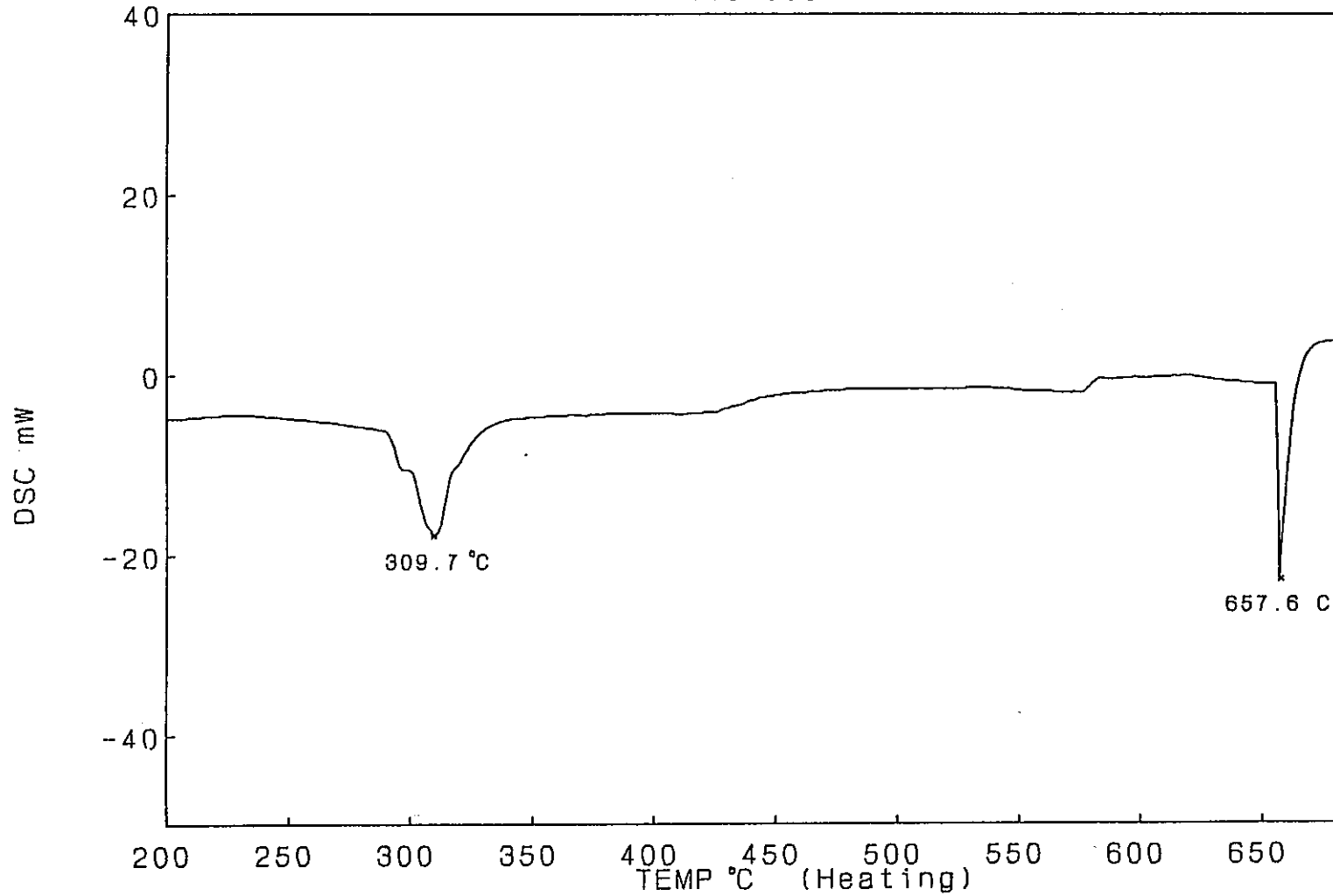
DSC測定チャート 20-1.① : No.20-1 (全域)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>		
No.20	60:0:40(mol)	1*	35.0- 740.0	10.00 0.00
9.889 mg	Na2O2 7.424mg	2*	740.0- 100.0	10.00 0.00
(9.889 mg)	Na2O 0.000mg	<Gas>		
<Reference>	NaOH 2.465mg	Ar	40.0 ml/min	
Ag	0.000 mg	<Sampling>		
		1.0 sec		



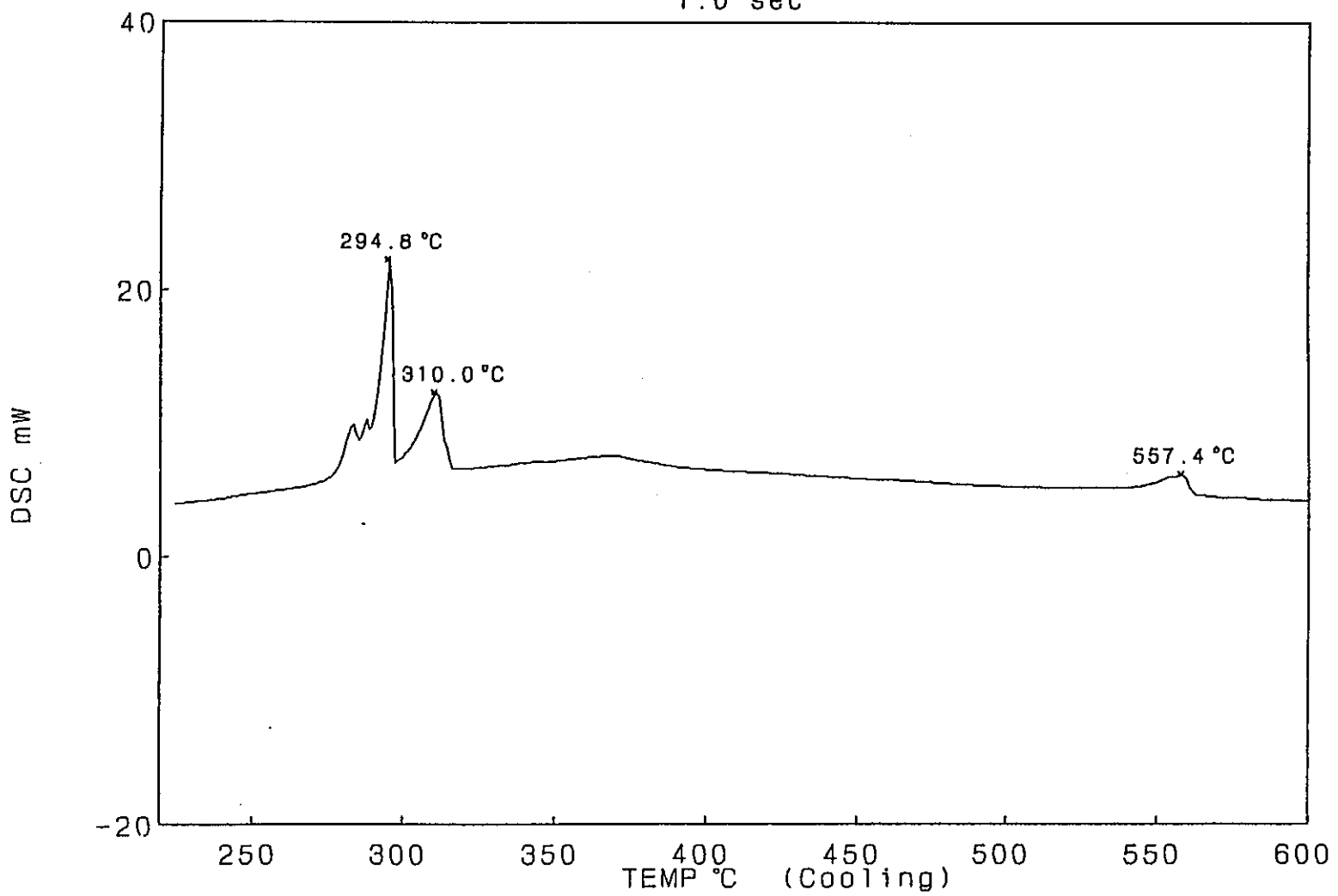
DSC測定チャート 20-1.② : No.20-1 (昇温域:150~650°C)

<Sample>	<Comment>	<Temp.program[°C]	[°C/min]	[min]>
No.20	60:0:40(mol)	1* 35.0- 740.0	10.00	0.00
9.889 mg	Na2O2 7.424mg	2* 740.0- 100.0	10.00	0.00
(9.889 mg)	Na2O 0.000mg	<Gas>		
<Reference>	NaOH 2.465mg	Ar	40.0 ml/min	
Ag	Heating			
0.000 mg	<Sampling>			
	1.0 sec			



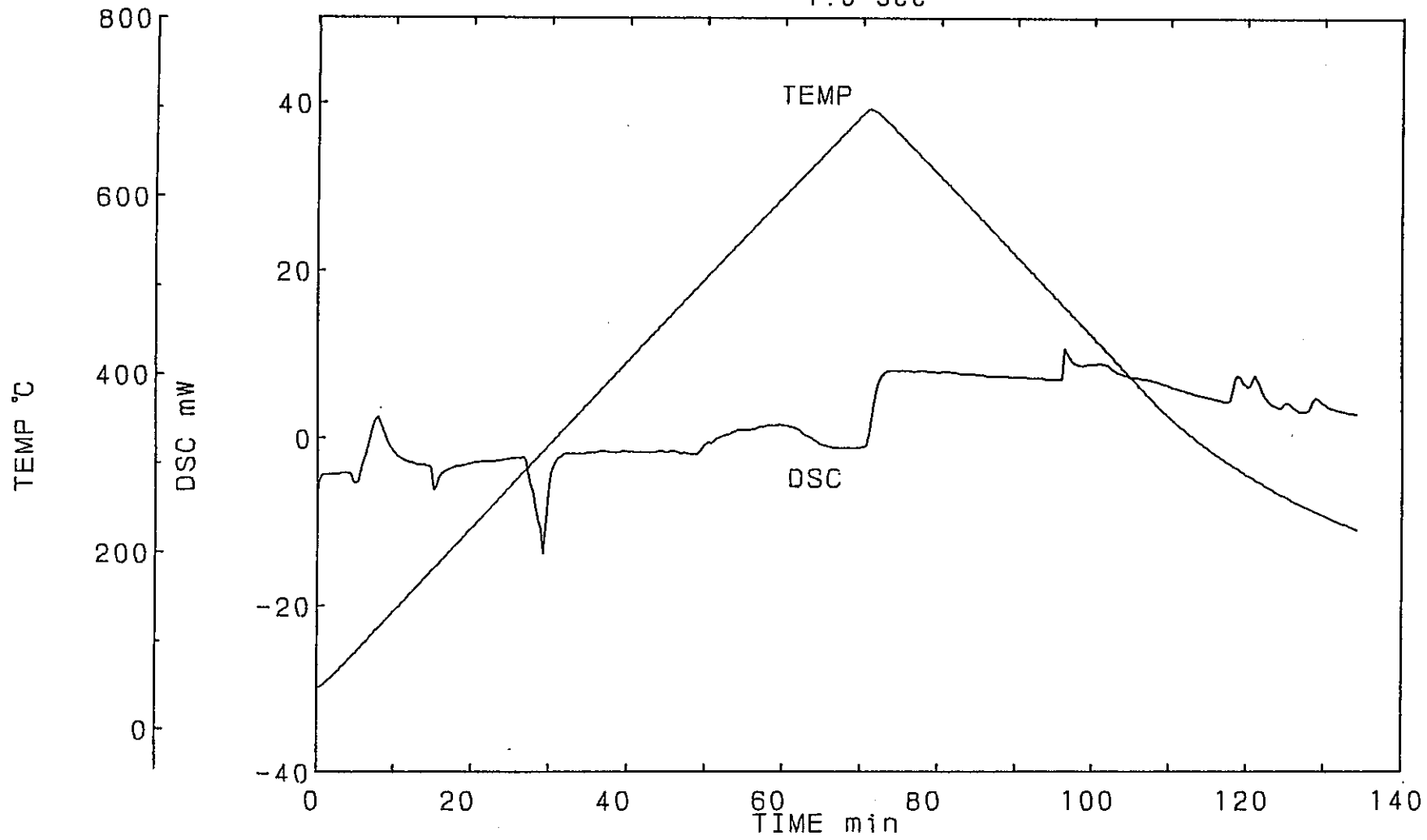
DSC測定チャート 20-1.③ : No.20-1 (降温域 : 600~200℃)

<Sample>	<Comment>	<Temp.program[°C]	[°C/min]	[min]>
No.20	60:0:40(mol)	1*	35.0- 740.0	10.00 0.00
9.889 mg	Na2O2 7.424mg	2*	740.0- 100.0	10.00 0.00
(9.889 mg)	Na2O 0.000mg	<Gas>	Ar	40.0 ml/min
<Reference>	NaOH 2.465mg			
Ag	Cooling			
0.000 mg	<Sampling>			
	1.0 sec			



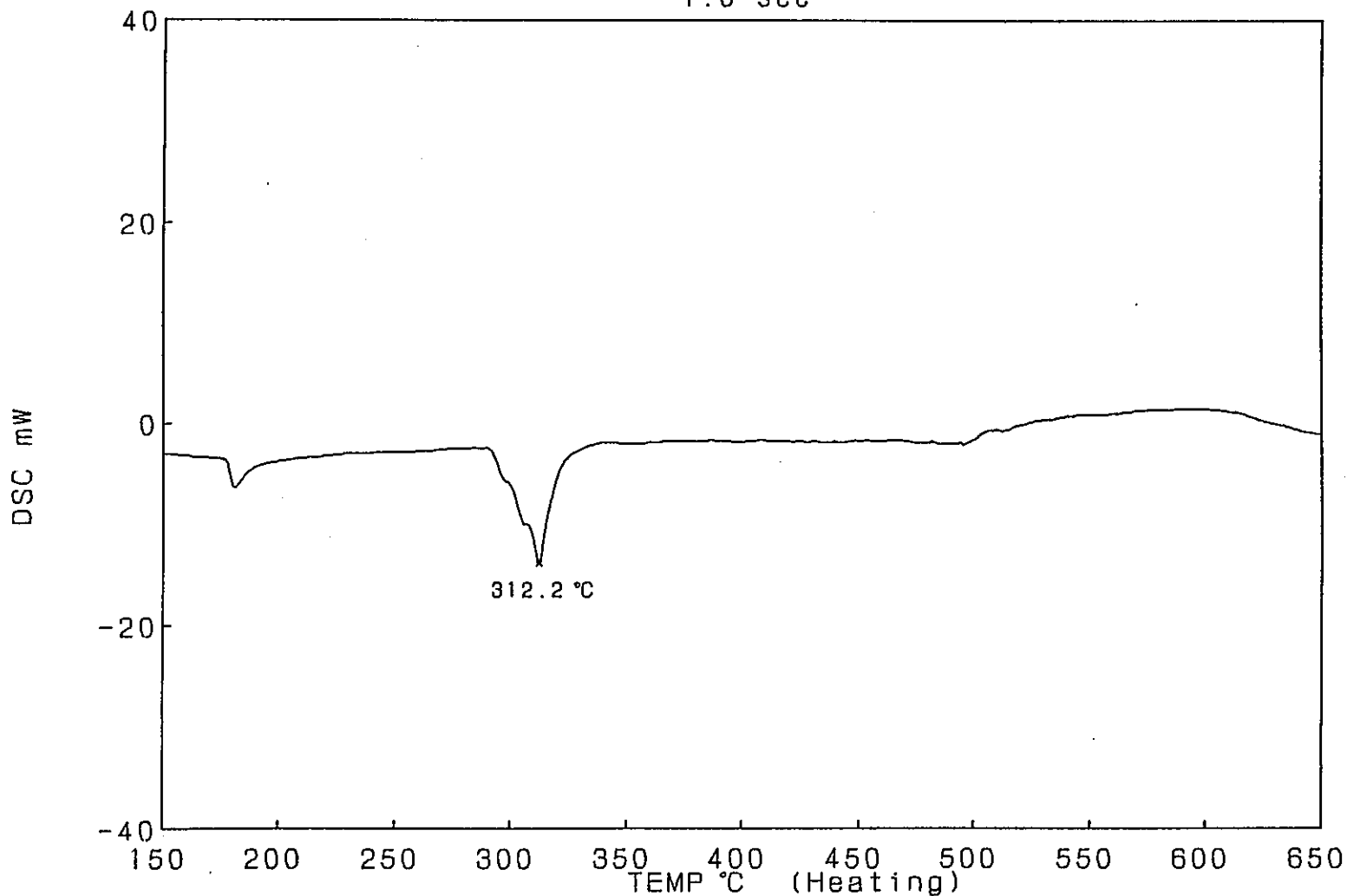
DSC測定チャート 20-2.① : No.20-2 (全域)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>		
No.20	60:0:40(mol)	1*	35.0- 740.0	10.00 0.00
10.044 mg	Na2O2 7.556mg	2*	740.0- 100.0	10.00 0.00
(10.044 mg)	Na2O 0.000mg	<Gas>		
<Reference>	NaOH 2.600mg	Ar 40.0 ml/min		
Ag	0.000 mg	<Sampling>		
		1.0 sec		



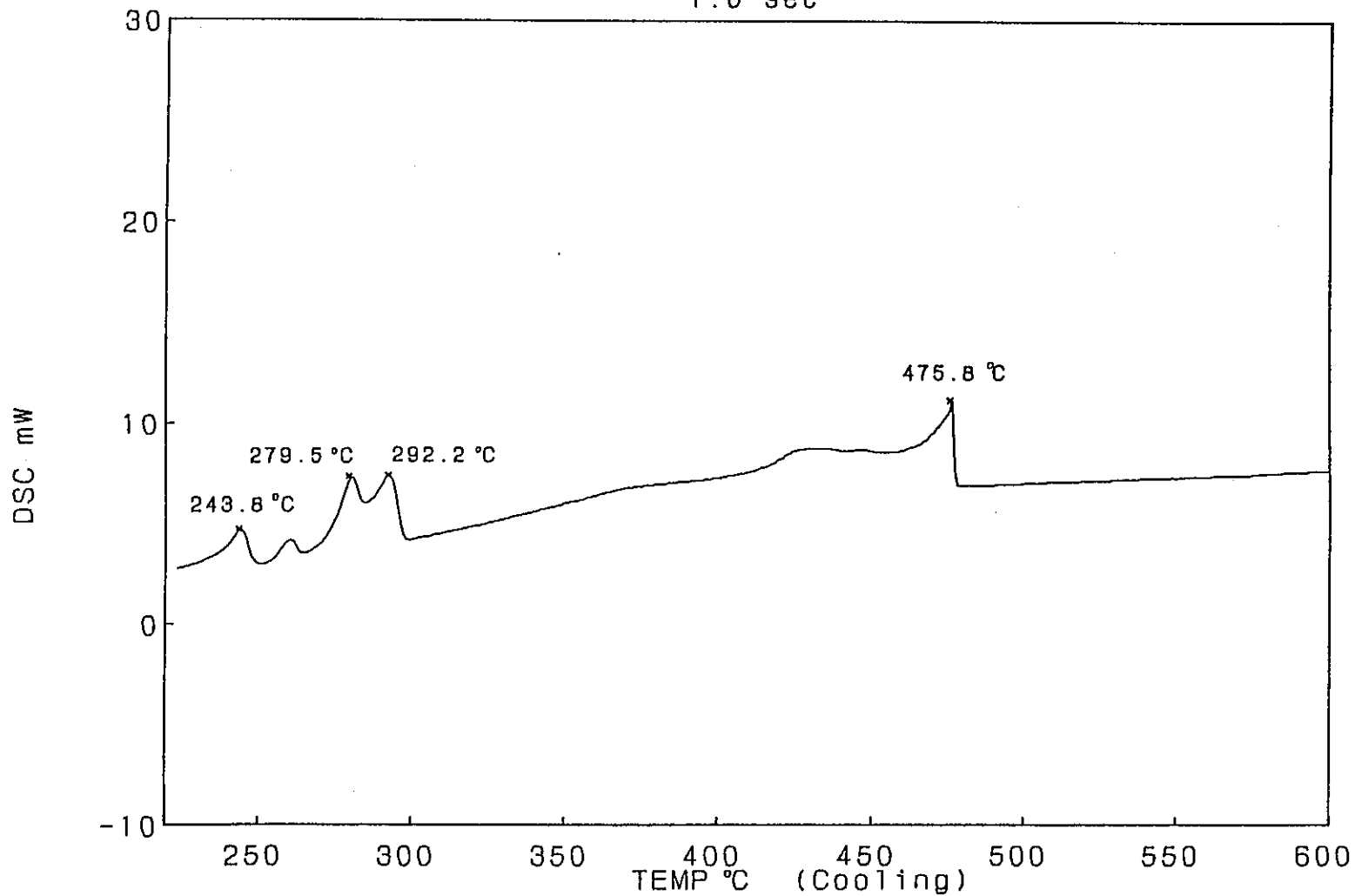
DSC測定チャート 20-2.② : No.20-2 (昇温域: 150~650°C)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>
No.20	60:0:40(mol)	1* 35.0- 740.0 10.00 0.00
10.044 mg	Na2O2 7.556mg	2* 740.0- 100.0 10.00 0.00
(10.044 mg)	Na2O 0.000mg	<Gas>
<Reference>	NaOH 2.600mg	Ar 40.0 ml/min
Ag	Heating	
0.000 mg	<Sampling>	
	1.0 sec	



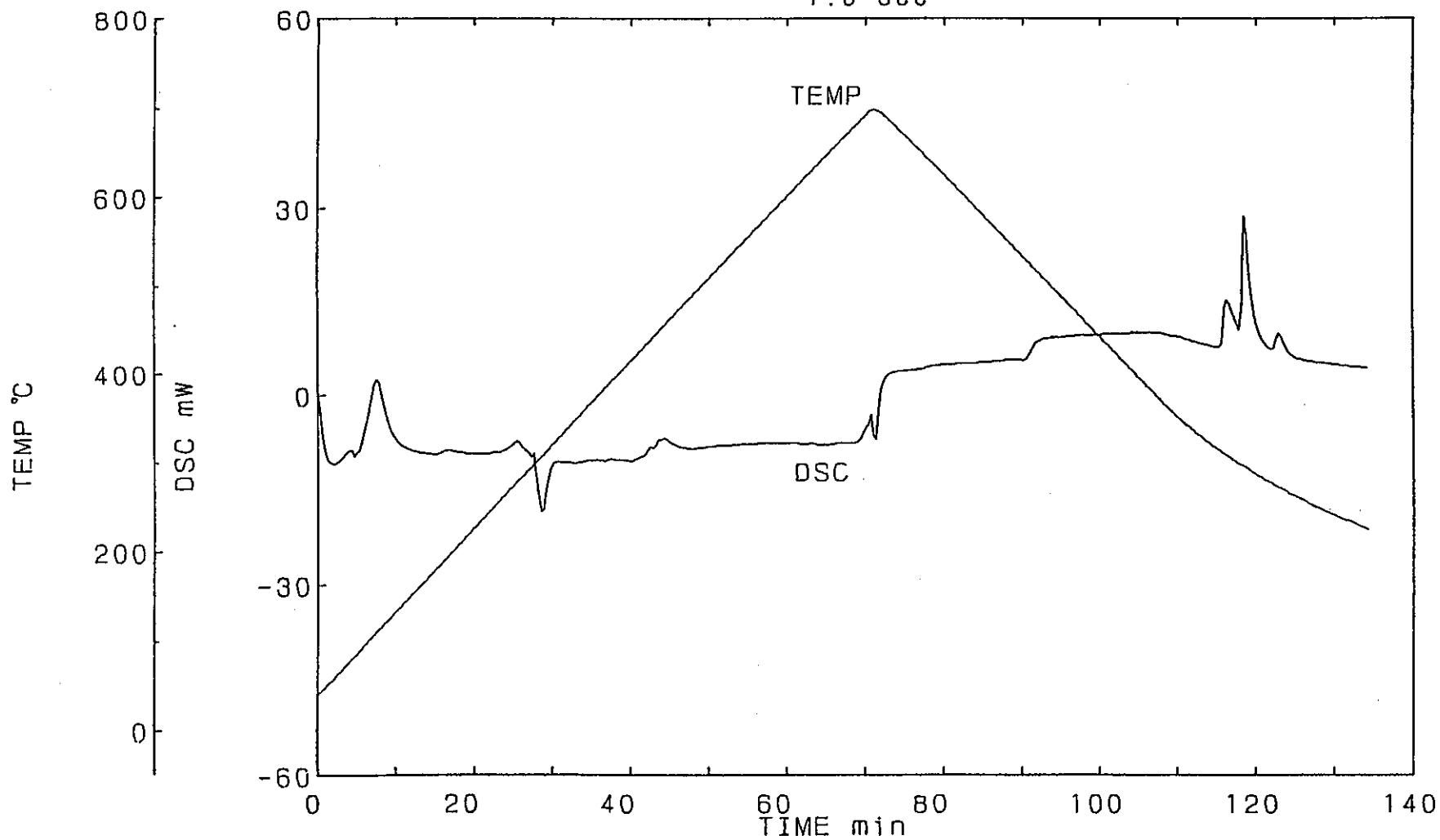
DSC測定チャート 20-2.③ : No.20-2 (降温域: 600~200℃)

<Sample>	<Comment>	<Temp.program[°C]	[°C/min]	[min]>
No.20	60:0:40(mol)	1* 35.0- 740.0	10.00	0.00
10.044 mg	Na2O2 7.556mg	2* 740.0- 100.0	10.00	0.00
(10.044 mg)	Na2O 0.000mg	<Gas>		
<Reference>	NaOH 2.600mg	Ar	40.0 ml/min	
Ag	Cooling			
0.000 mg	<Sampling>			
	1.0 sec			



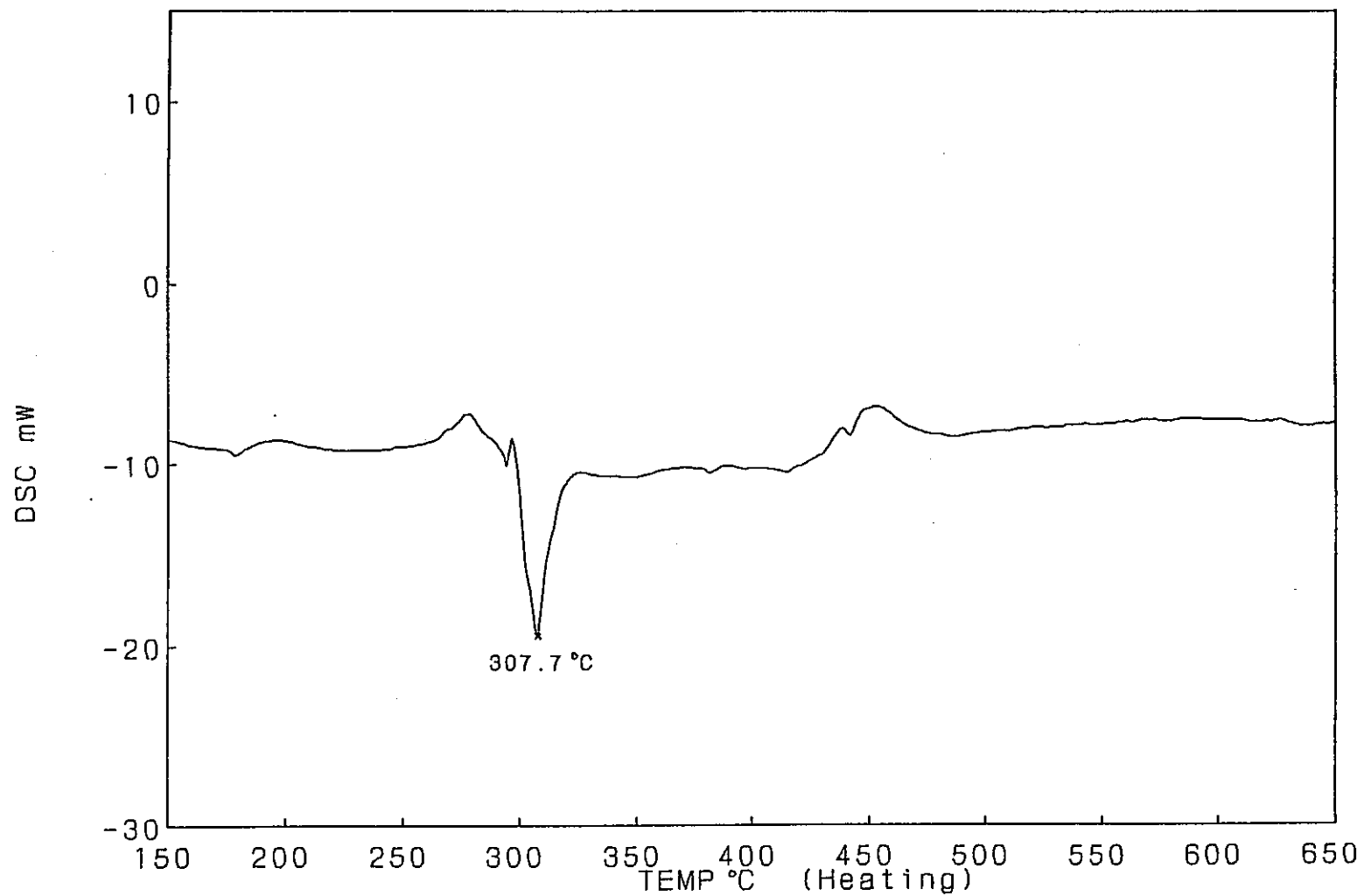
DSC測定チャート 21-1.① : No.21-1 (全域)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>		
No.21	30:40:30(mol)	1*	35.0- 740.0	10.00 0.00
10.485 mg	Na2O2 4.000mg	2*	740.0- 100.0	10.00 0.00
(10.485 mg)	Na2O 4.260mg	<Gas>		
<Reference>	NaOH 2.225mg	Ar		
Ag		40.0 ml/min		
0.000 mg	<Sampling>			
	1.0 sec			



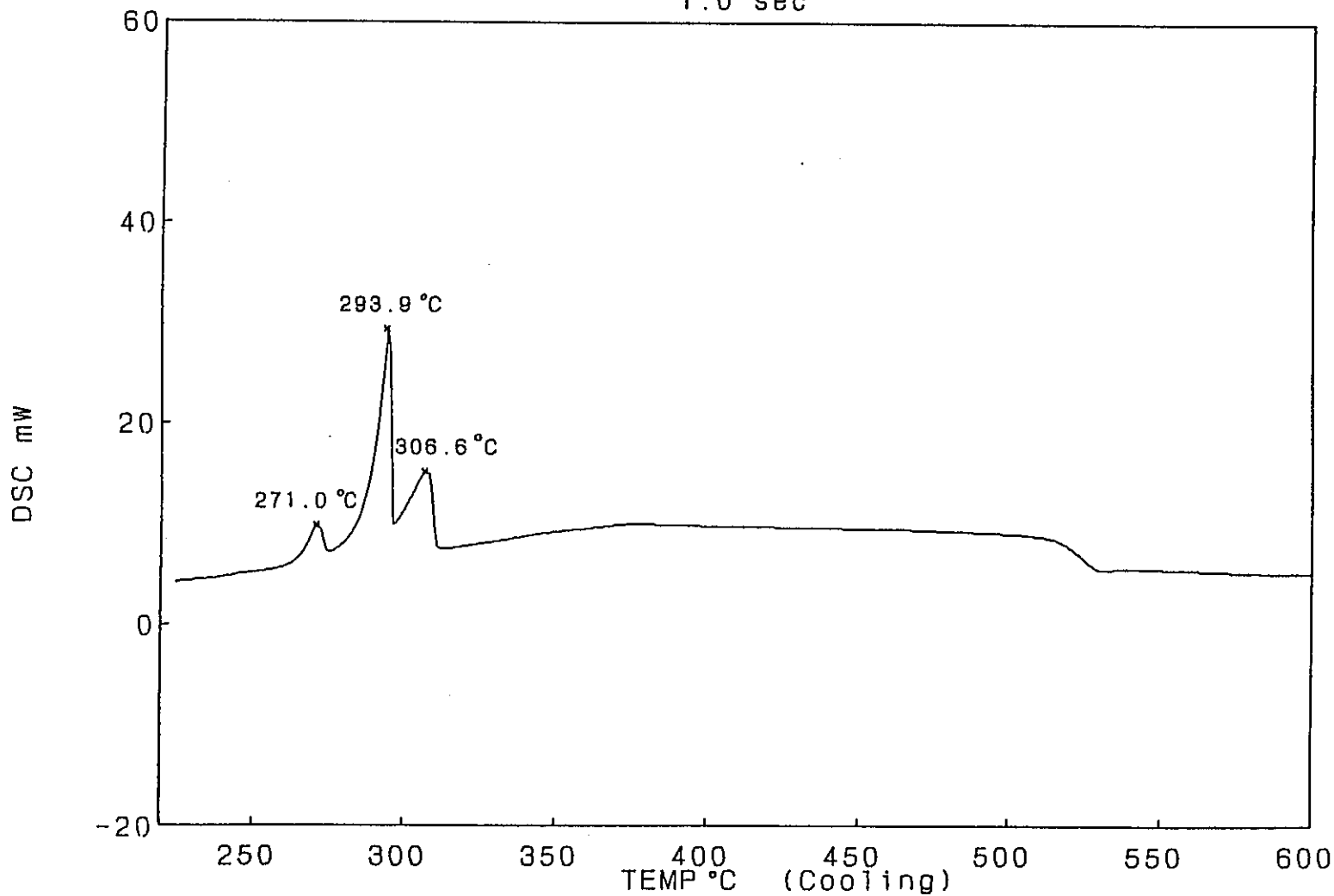
DSC測定チャート 21-1.② : No.21-1 (昇温域: 150~650°C)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>			
No.21	30:40:30(mol)	1*	35.0- 740.0	10.00	0.00
10.485 mg	Na2O2 4.000mg	2*	740.0- 100.0	10.00	0.00
(10.485 mg)	Na2O 4.260mg	<Gas>			
<Reference>	NaOH 2.225mg	Ar			
Ag	Heating	40.0 ml/min			
0.000 mg	<Sampling>				
	1.0 sec				



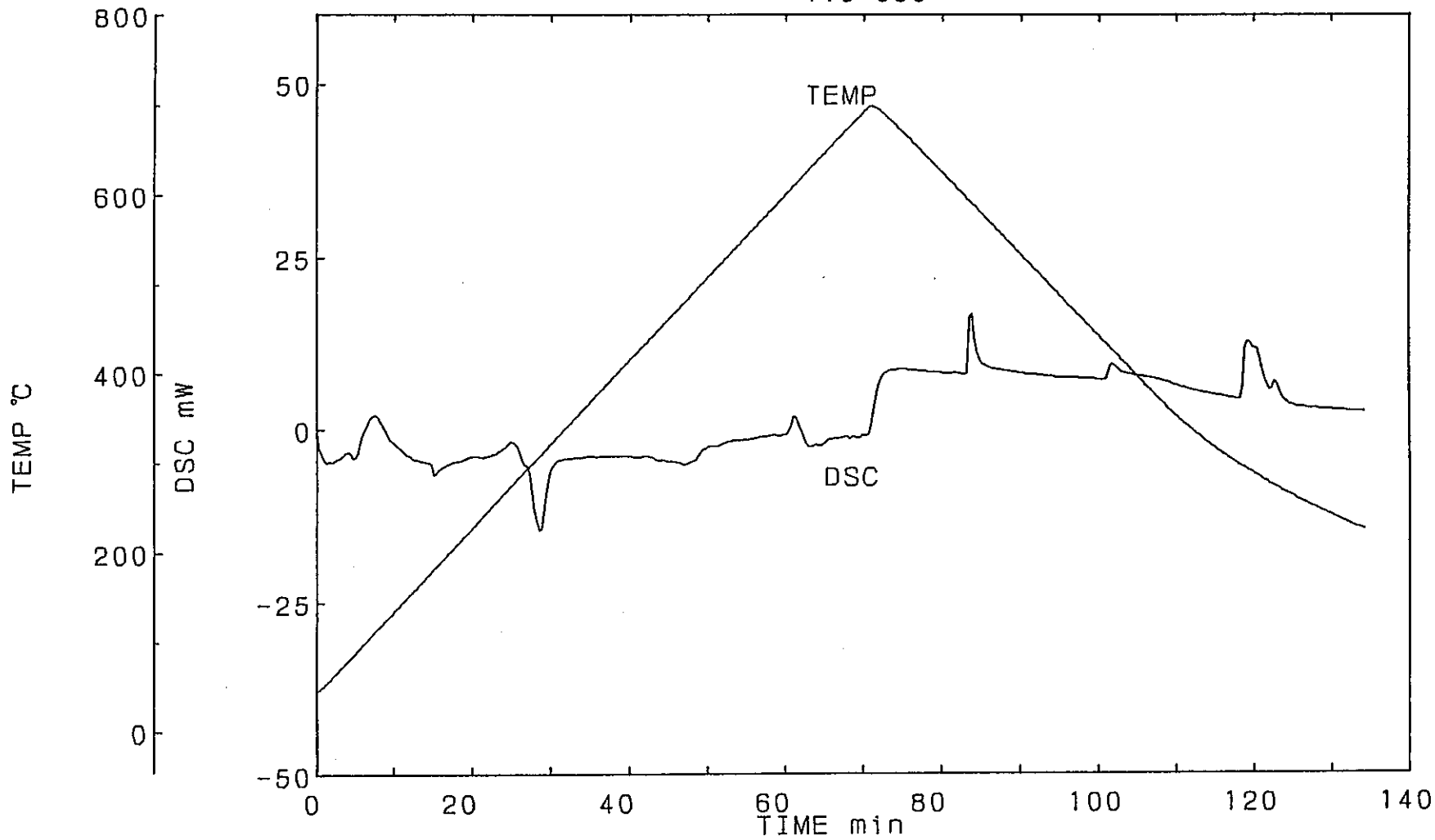
DSC測定チャート 21-1.③ : No.21-1 (降温域: 600~200°C)

<Sample>	<Comment>	<Temp.program[°C]	[°C/min]	[min]>
No.21	30:40:30(mol)	1* 35.0- 740.0	10.00	0.00
10.485 mg	Na2O2 4.000mg	2* 740.0- 100.0	10.00	0.00
(10.485 mg)	Na2O 4.260mg	<Gas>		
<Reference>	NaOH 2.225mg	Ar	40.0 ml/min	
Ag	Cooling			
0.000 mg	<Sampling>			
	1.0 sec			



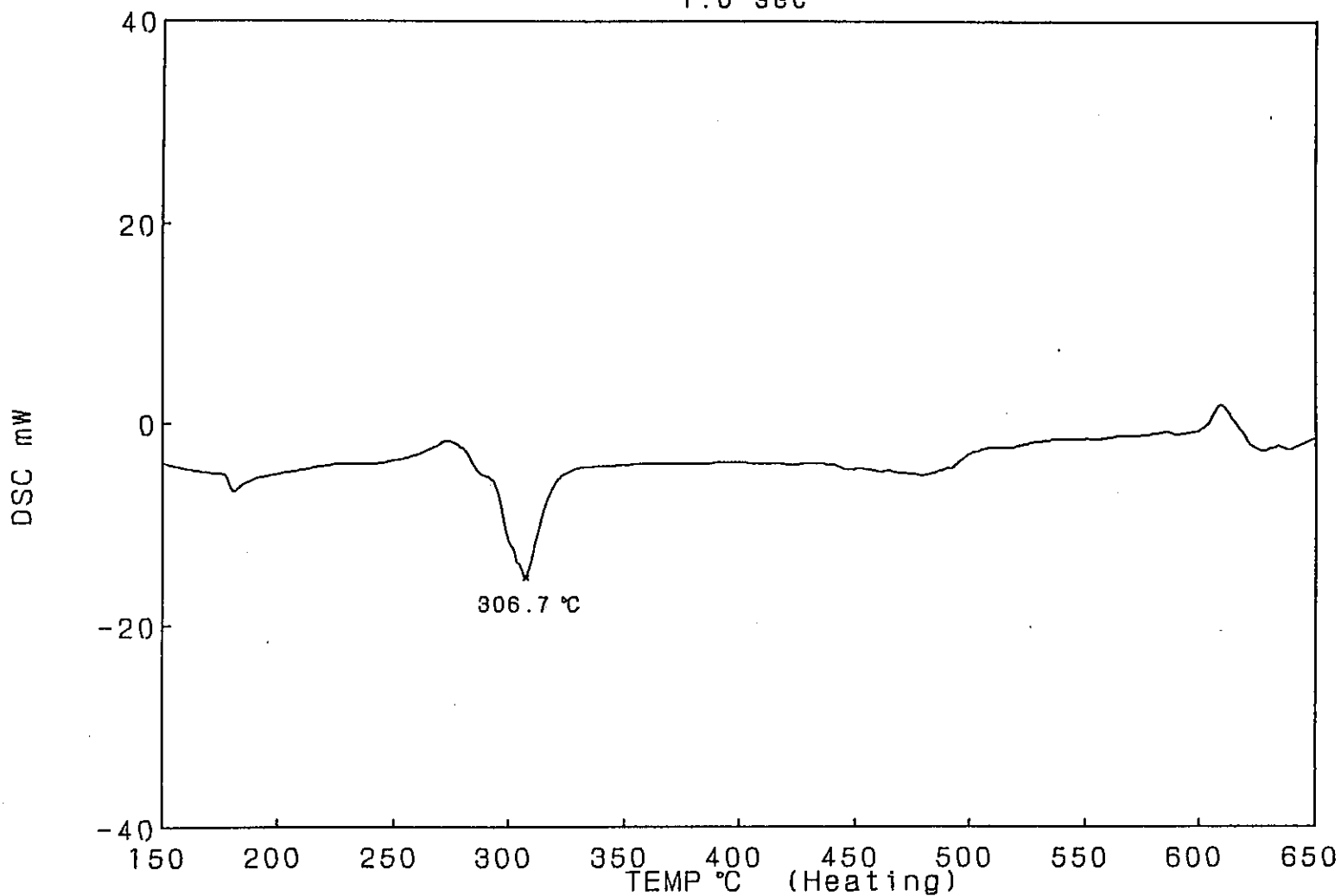
DSC測定チャート 21-2.① : No.21-2 (全域)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>		
No.21	30:40:30(mol)	1*	35.0- 740.0	10.00 0.00
9.869 mg	Na2O2 3.840mg	2*	740.0- 100.0	10.00 0.00
(9.869 mg)	Na2O 4.051mg	<Gas>		
<Reference>	NaOH 1.978mg	Ar	40.0 ml/min	
Ag	0.000 mg	<Sampling>		
		1.0 sec		



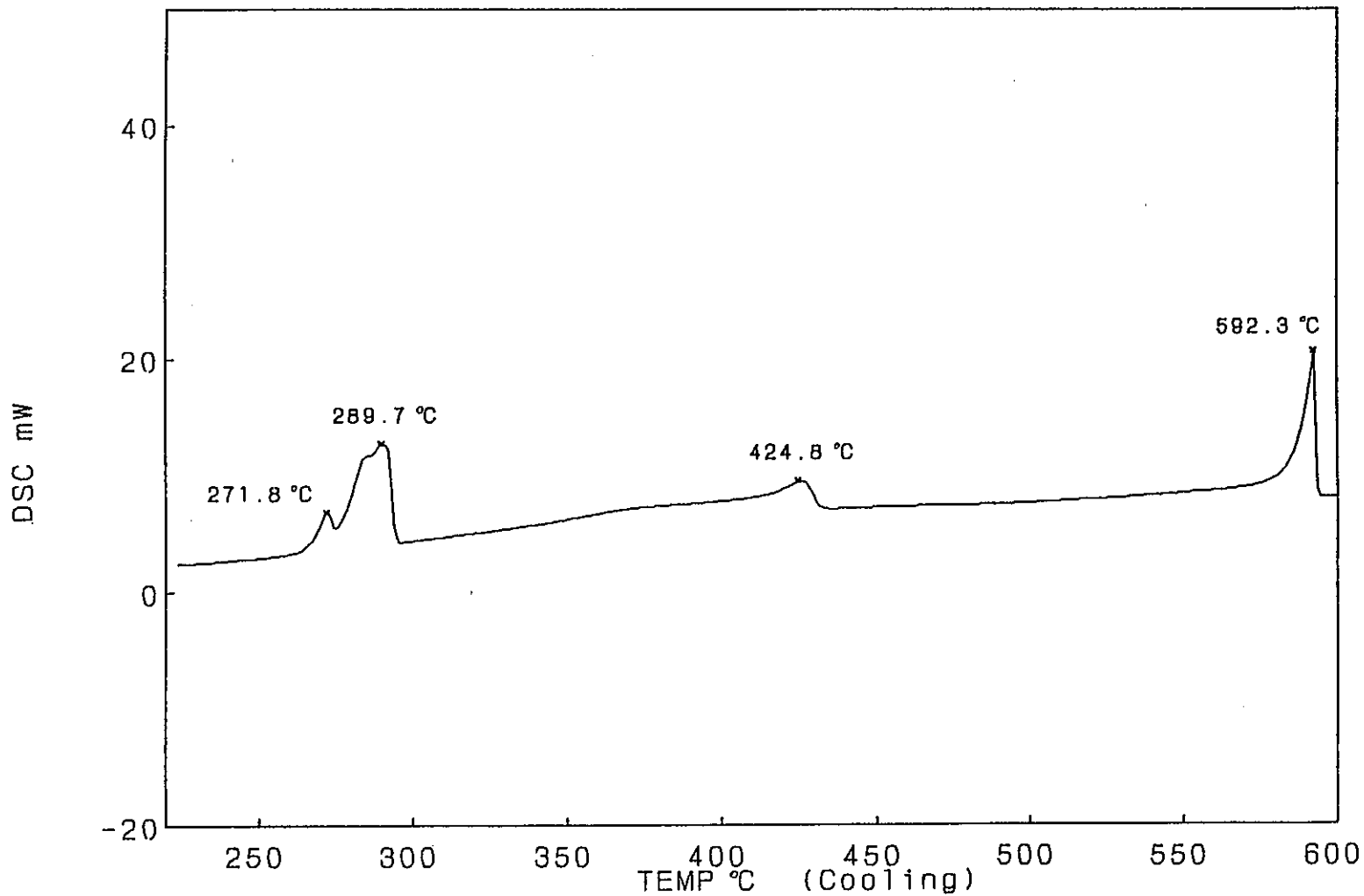
DSC測定チャート 21-2.② : No.21-2 (昇温域:150~650℃)

<Sample>	<Comment>	<Temp.program[°C]	[°C/min]	[min]>
No.21	30:40:30(mol)	1* 35.0- 740.0	10.00	0.00
9.869 mg	Na2O2 3.840mg	2* 740.0- 100.0	10.00	0.00
(9.869 mg)	Na2O 4.051mg	<Gas>		
<Reference>	NaOH 1.978mg	Ar	40.0 ml/min	
Ag	Heating			
0.000 mg	<Sampling>			
	1.0 sec			



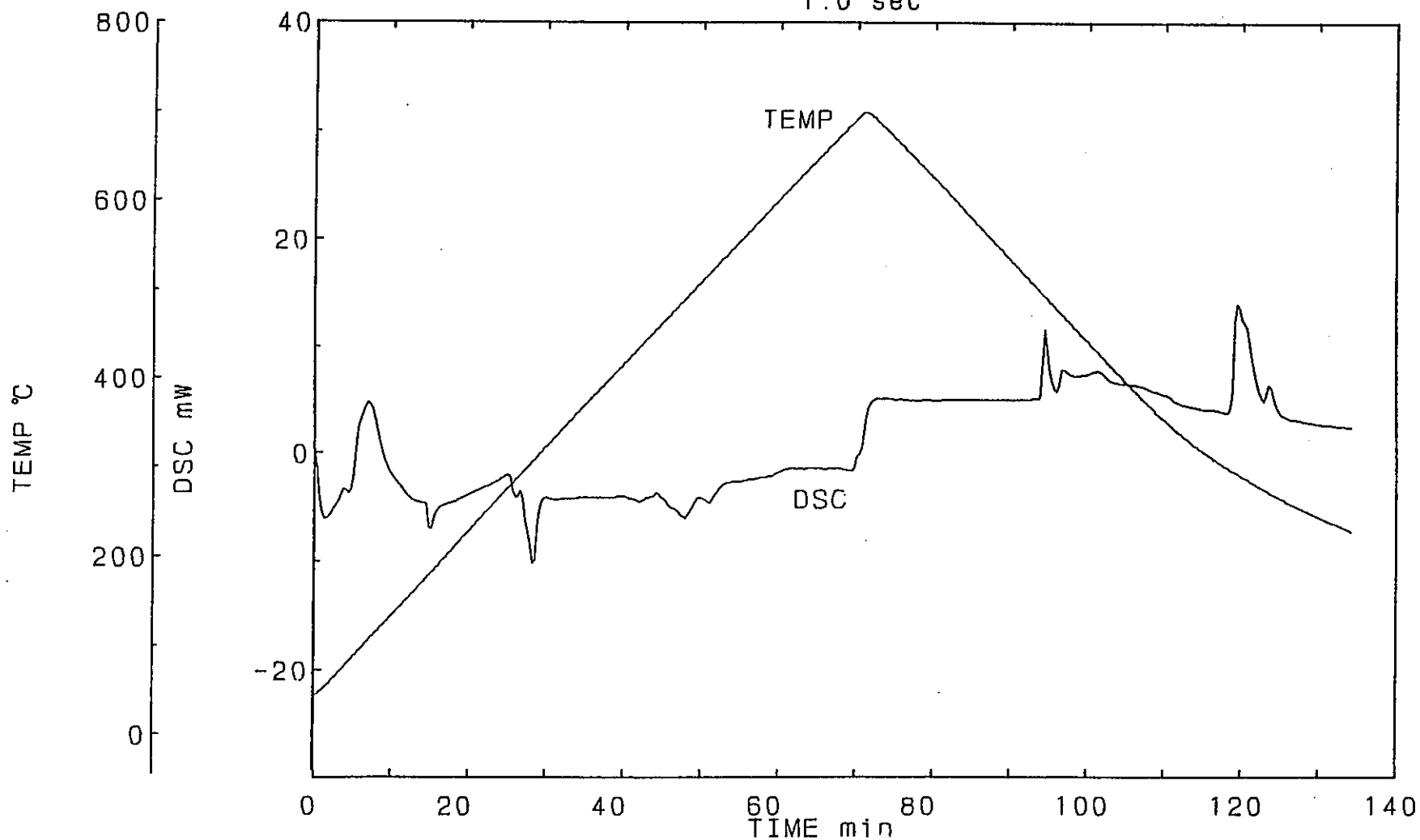
DSC測定チャート 21-2.③ : No.21-2 (降温域: 600~200℃)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>		
No.21	30:40:30(mol)	1*	35.0- 740.0	10.00 0.00
9.869 mg	Na2O2 3.840mg	2*	740.0- 100.0	10.00 0.00
(9.869 mg)	Na2O 4.051mg	<Gas>		
<Reference>	NaOH 1.978mg	Ar 40.0 ml/min		
Ag	Cooling			
0.000 mg	<Sampling>			
	1.0 sec			



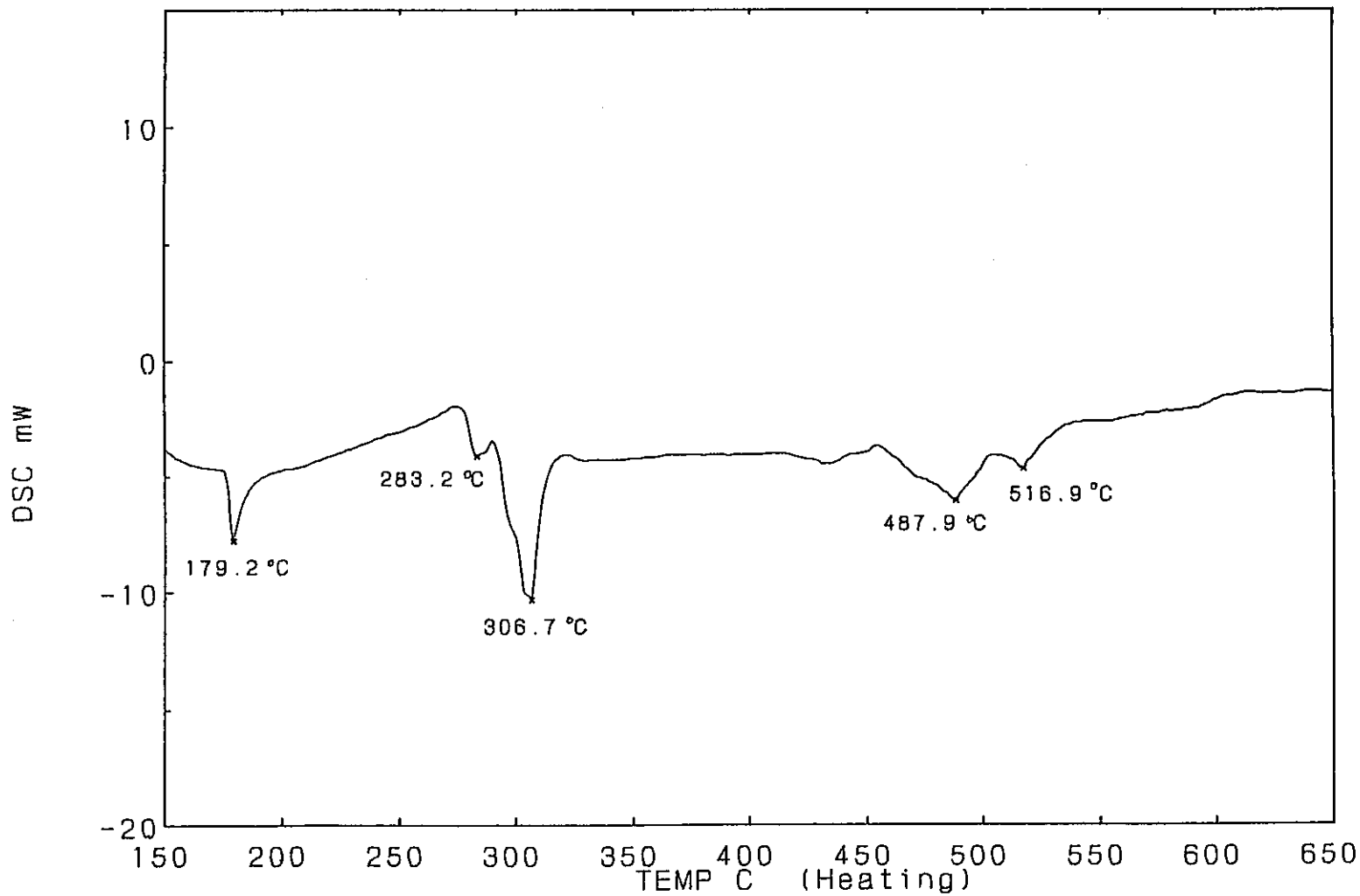
DSC測定チャート 22.① : No.22 (全域)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>		
No.22	40:30:30(mol)	1*	35.0- 740.0	10.00 0.00
9.937 mg	Na2O2 5.011mg	2*	740.0- 100.0	10.00 0.00
(9.937 mg)	Na2O 3.007mg	<Gas>		
<Reference>	NaOH 1.917mg	Ar	40.0 ml/min	
Ag	0.000 mg	<Sampling>	1.0 sec	



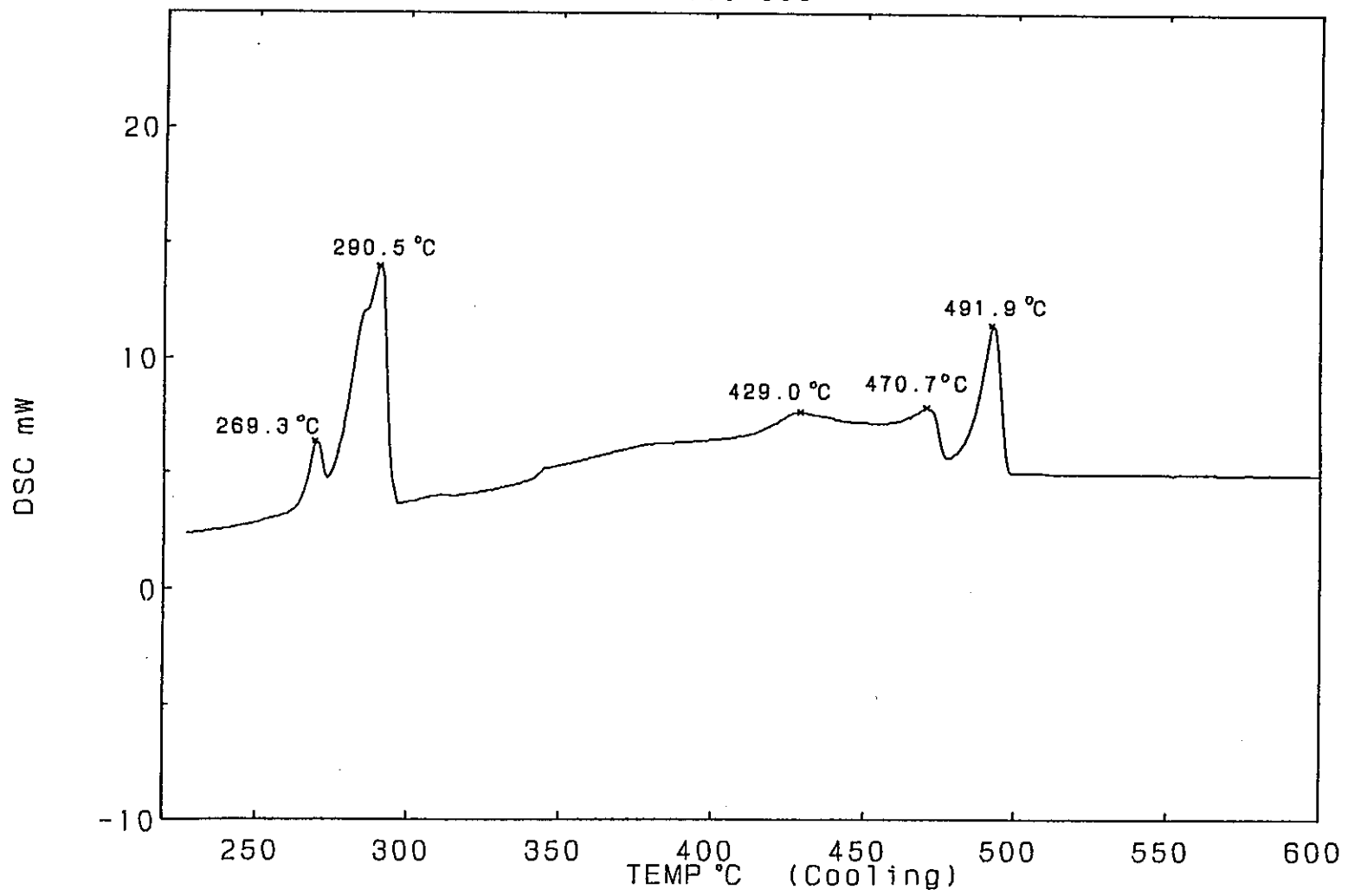
DSC測定チャート 22.② : No.22 (昇温域: 150~650℃)

<Sample>	<Comment>	<Temp.program[℃] [℃/min] [min]>
No.22	40:30:30(mol)	1* 35.0- 740.0 10.00 0.00
9.937 mg	Na2O2 5.011mg	2* 740.0- 100.0 10.00 0.00
(9.937 mg)	Na2O 3.007mg	<Gas>
<Reference>	NaOH 1.917mg	Ar
Ag	Heating	40.0 ml/min
0.000 mg	<Sampling>	
	1.0 sec	



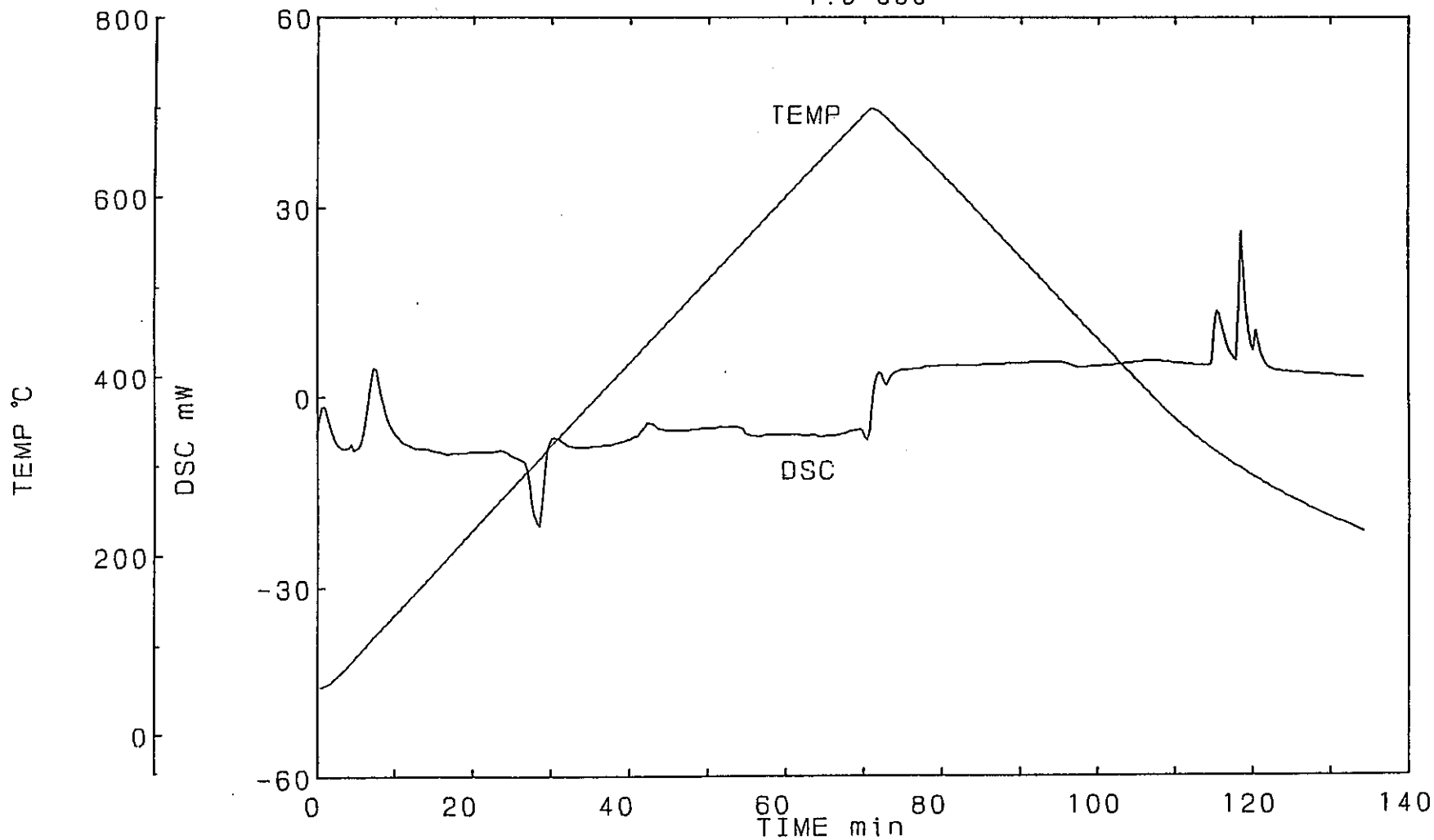
DSC測定チャート 22.③ : No.22 (降温域: 600~200°C)

<Sample>	<Comment>	<Temp.program[°C]	[°C/min]	[min]>
No.22	40:30:30(mol)	1* 35.0- 740.0	10.00	0.00
9.937 mg	Na2O2 5.011mg	2* 740.0- 100.0	10.00	0.00
(9.937 mg)	Na2O 3.007mg	<Gas>		
<Reference>	NaOH 1.917mg	Ar	40.0 ml/min	
Ag	Cooling			
0.000 mg	<Sampling>			
	1.0 sec			



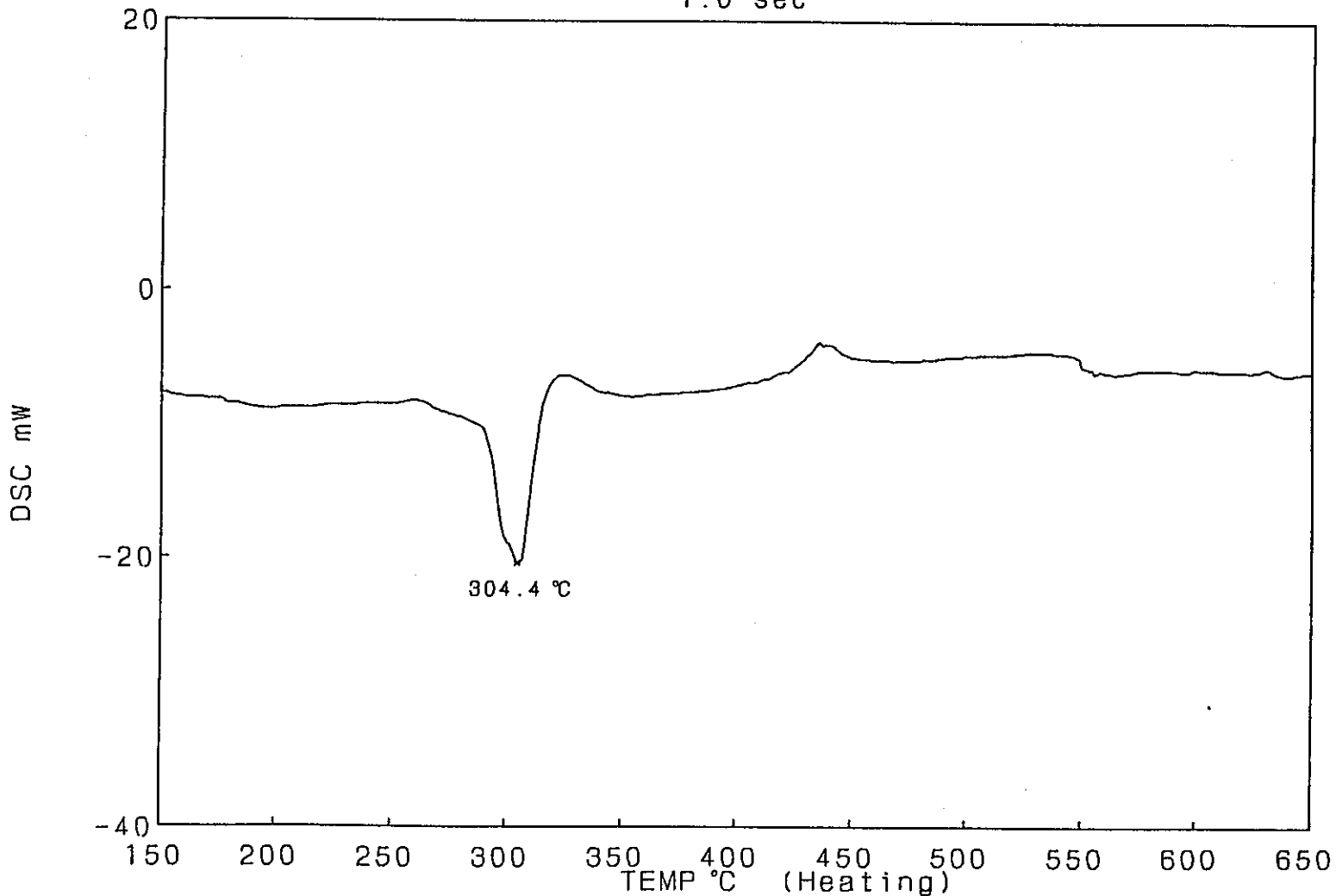
DSC測定チャート 23-1.① : No.23-1 (全域)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>		
No.23	50:20:30(mol)	1*	35.0- 740.0	10.00 0.00
10.298 mg	Na2O2 6.375mg	2*	740.0- 100.0	10.00 0.00
(10.298 mg)	Na2O 1.981mg	<Gas>		
<Reference>	NaOH 1.942mg	Ar	40.0 ml/min	
Ag	0.000 mg	<Sampling>		
		1.0 sec		



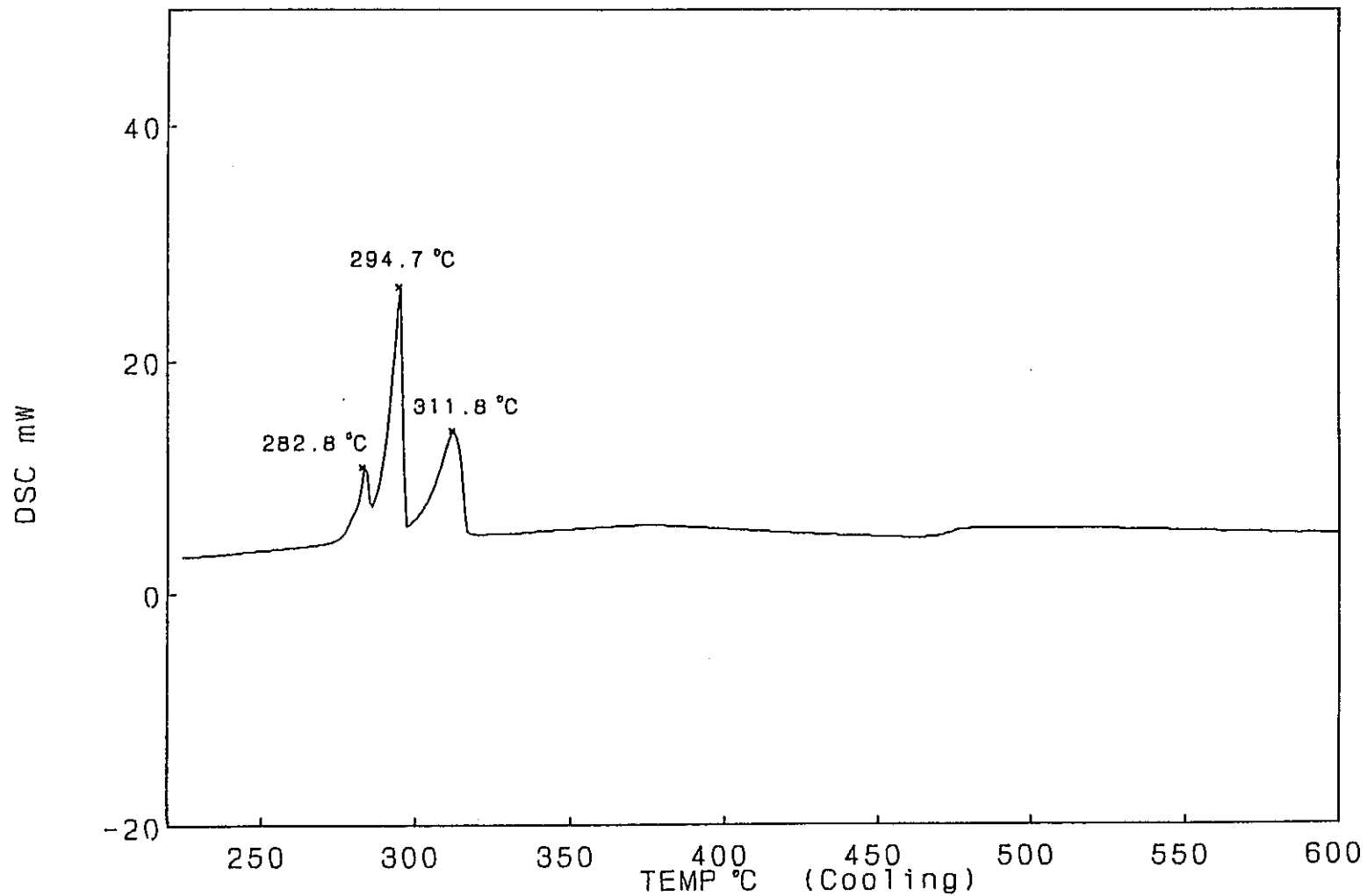
DSC測定チャート 23-1.② : No.23-1 (昇温域: 150~650°C)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>		
No.23	50:20:30(mol)	1*	35.0- 740.0	10.00 0.00
10.298 mg	Na2O2 6.375mg	2*	740.0- 100.0	10.00 0.00
(10.298 mg)	Na2O 1.981mg	<Gas>		
<Reference>	NaOH 1.942mg	Ar	40.0 ml/min	
Ag	Heating			
0.000 mg	<Sampling>			
	1.0 sec			



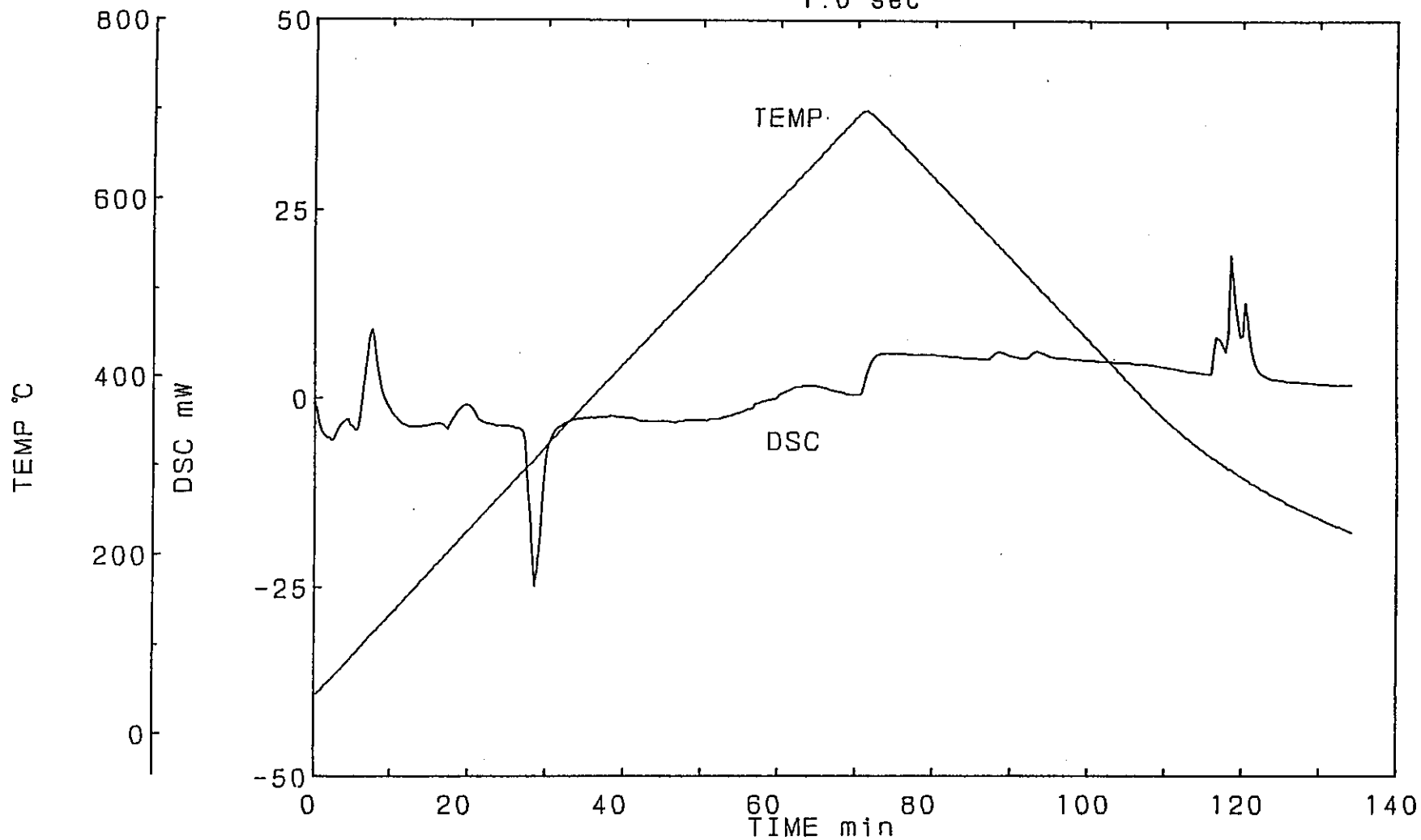
DSC測定チャート 23-1.③ : No.23-1 (降温域: 600~200°C)

<Sample>	<Comment>	<Temp.program[°C]	[°C/min]	[min]>
No.23	50:20:30(mol)	1*	35.0- 740.0	10.00 0.00
10.298 mg	Na2O2 6.375mg	2*	740.0- 100.0	10.00 0.00
(10.298 mg)	Na2O 1.981mg	<Gas>		
<Reference>	NaOH 1.942mg	Ar	40.0 ml/min	
Ag	Cooling			
0.000 mg	<Sampling>			
	1.0 sec			



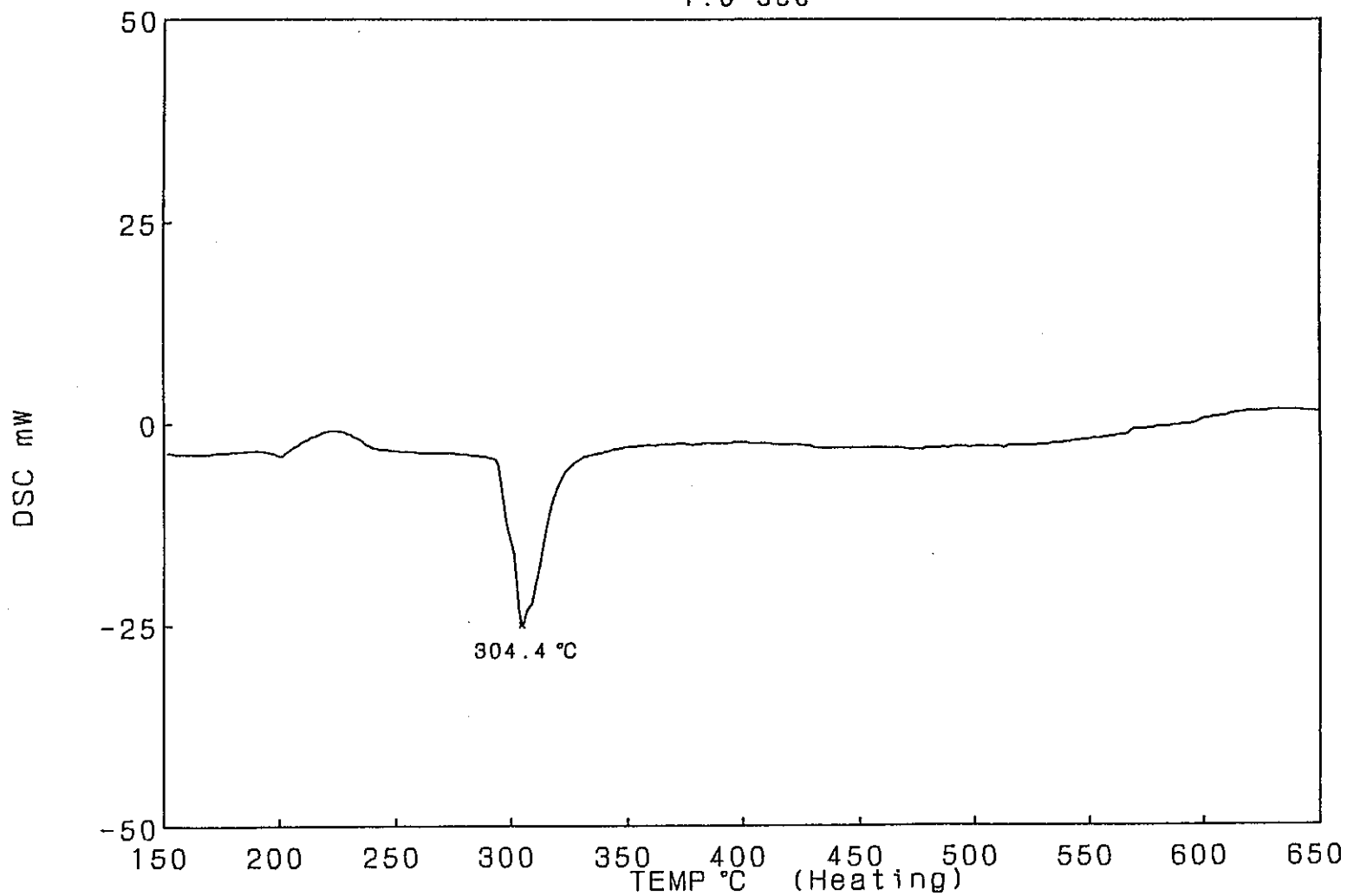
DSC測定チャート 23-2.① : No.23-2 (全域)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>		
No.23	50:20:30(mol)	1*	35.0- 740.0	10.00 0.00
10.124 mg	Na2O2 6.182mg	2*	740.0- 100.0	10.00 0.00
(10.124 mg)	Na2O 2.043mg	<Gas>		
<Reference>	NaOH 2.107mg	Ar	40.0 ml/min	
Ag	0.000 mg	<Sampling>		
		1.0 sec		



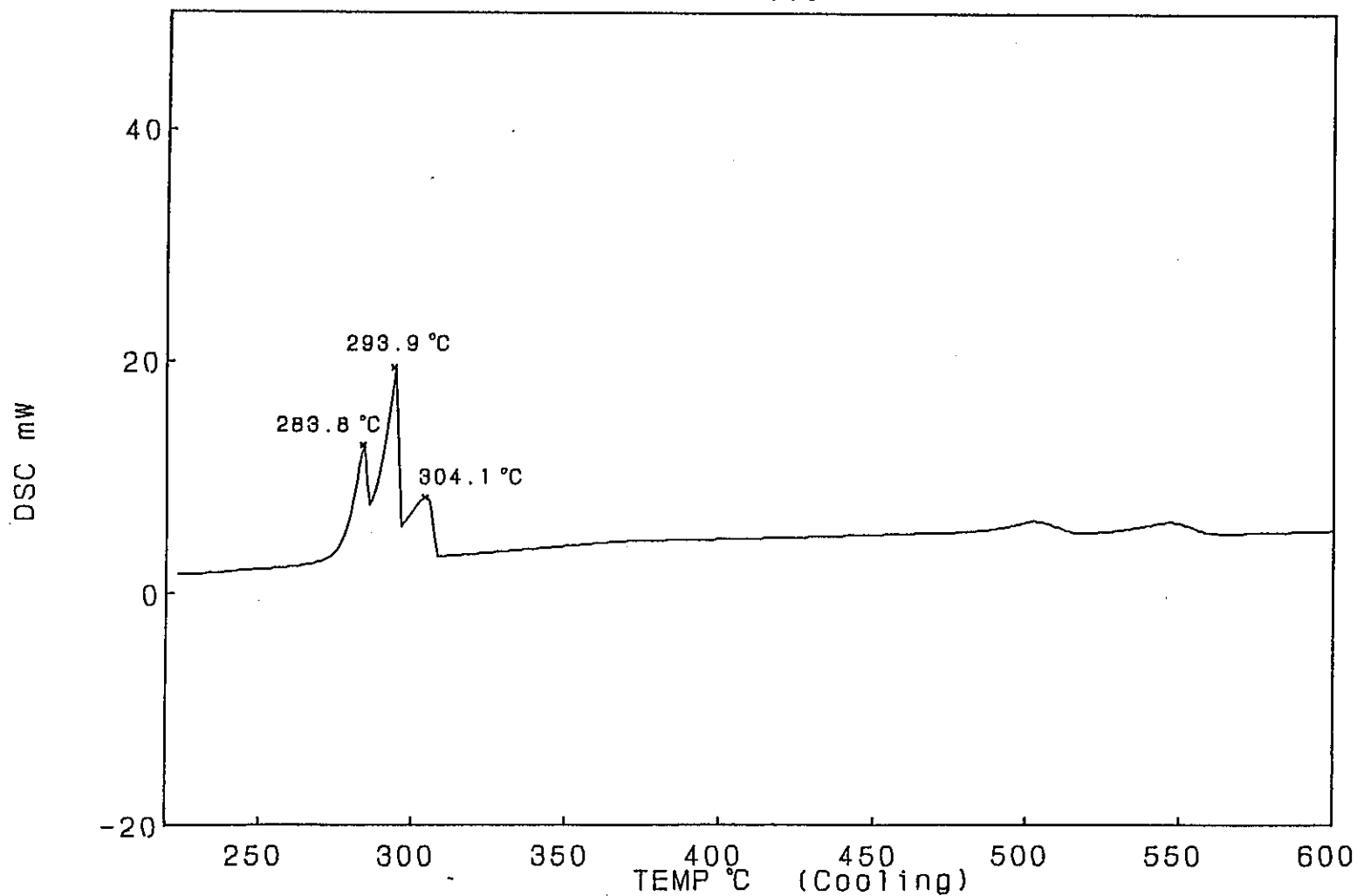
DSC測定チャート 23-2.② : No.23-2 (昇温域: 150~650°C)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>			
No.23	50:20:30(mol)	1*	35.0- 740.0	10.00	0.00
10.124 mg	Na2O2 6.182mg	2*	740.0- 100.0	10.00	0.00
(10.124 mg)	Na2O 2.043mg	<Gas>			
<Reference>	NaOH 2.107mg	Ar			
Ag	Heating	40.0 ml/min			
0.000 mg	<Sampling>	1.0 sec			



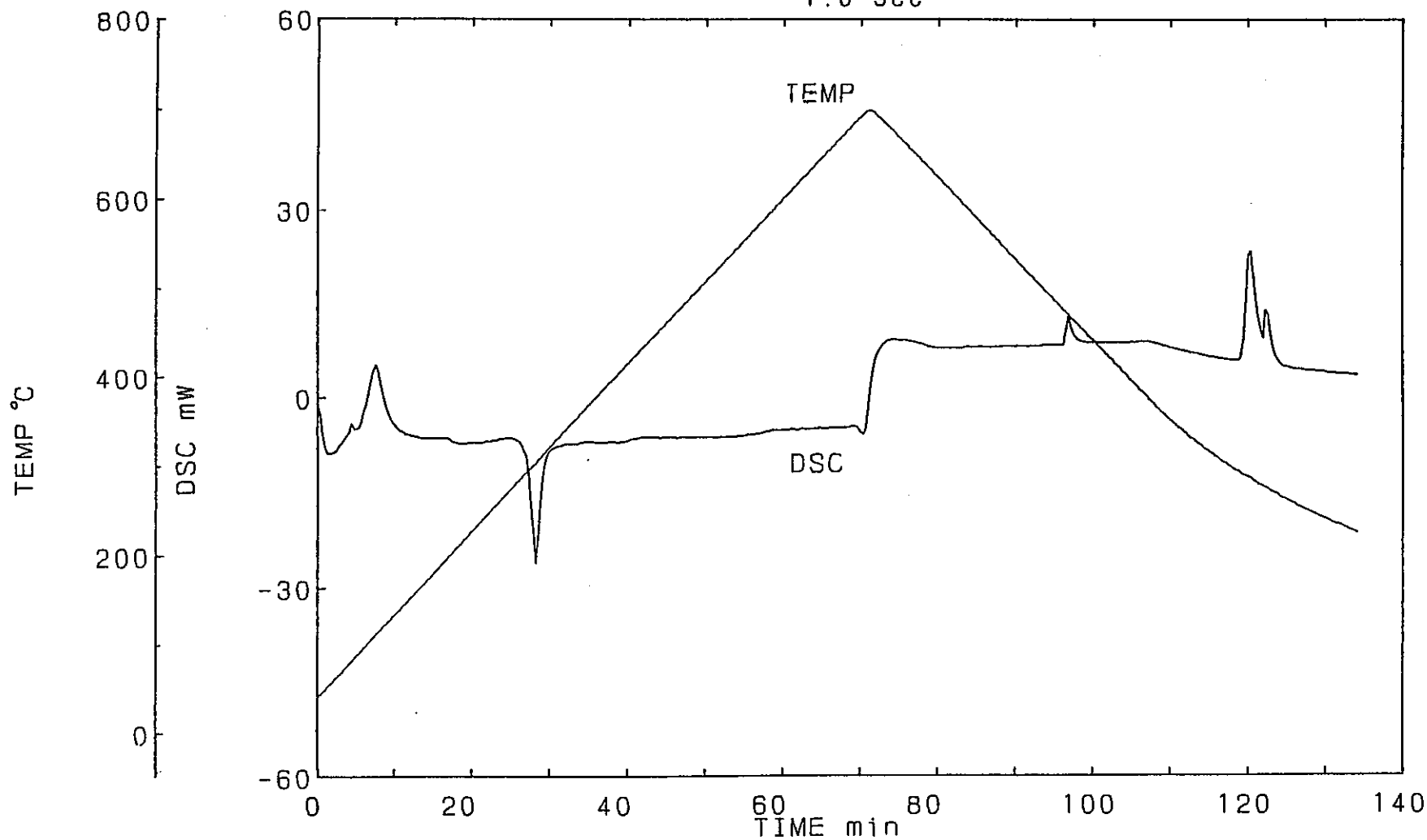
DSC測定チャート 23-2.③ : No.23-2 (降温域: 600~200°C)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>		
No.23	50:20:30(mol)	1*	35.0- 740.0	10.00 0.00
10.124 mg	Na2O2 6.182mg	2*	740.0- 100.0	10.00 0.00
(10.124 mg)	Na2O 2.043mg	<Gas>		
<Reference>	NaOH 2.107mg	Ar		
Ag	Cooling	40.0 ml/min		
0.000 mg	<Sampling>			
	1.0 sec			



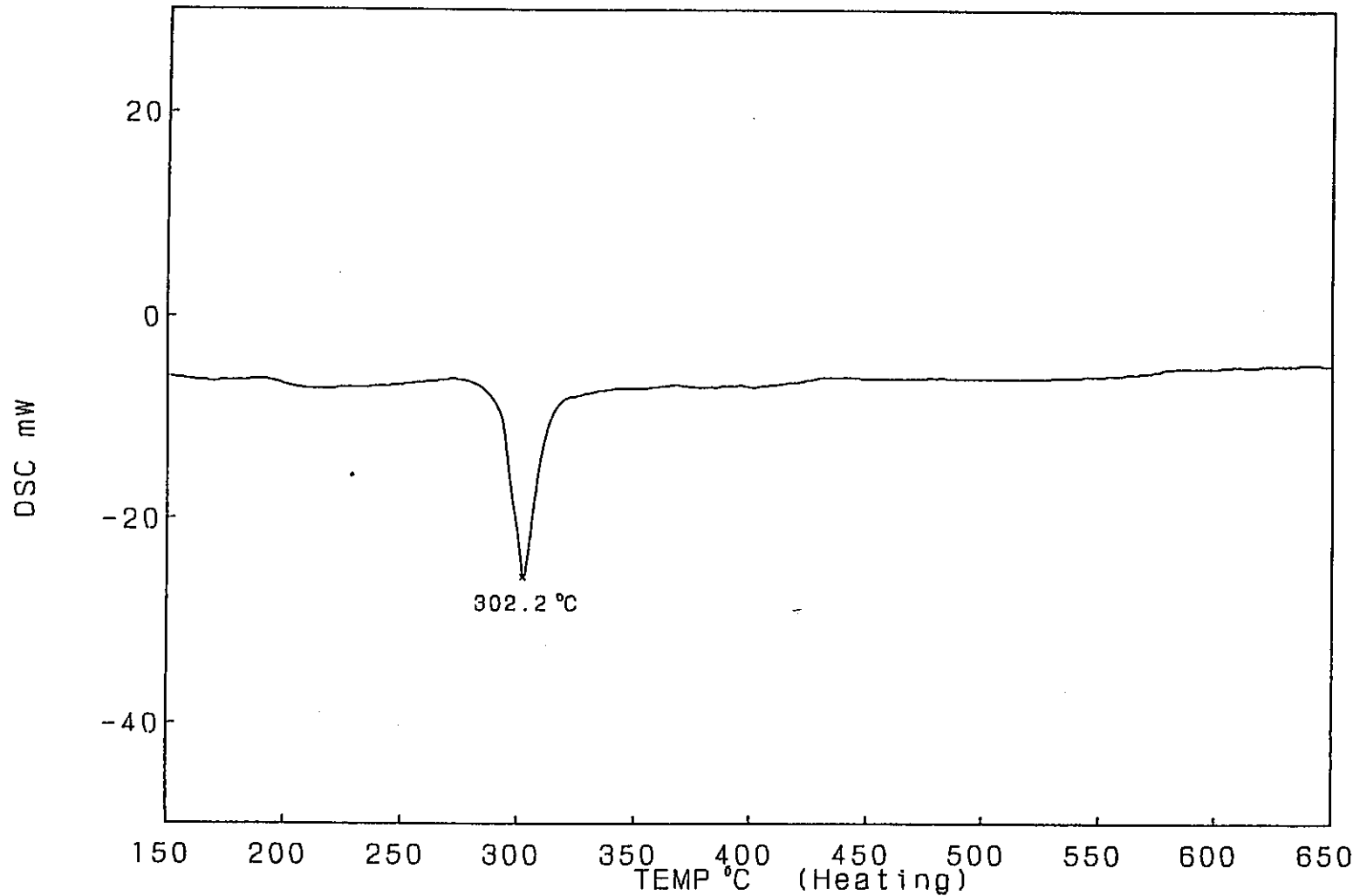
DSC測定チャート 24.① : No.24 (全域)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>		
No.24	40:40:20(mol)	1*	35.0- 740.0	10.00 0.00
9.549 mg	Na2O2 4.693mg	2*	740.0- 100.0	10.00 0.00
(9.549 mg)	Na2O 3.660mg	<Gas>		
<Reference>	NaOH 1.196mg	Ar	40.0 ml/min	
Ag	0.000 mg	<Sampling>		
		1.0 sec		



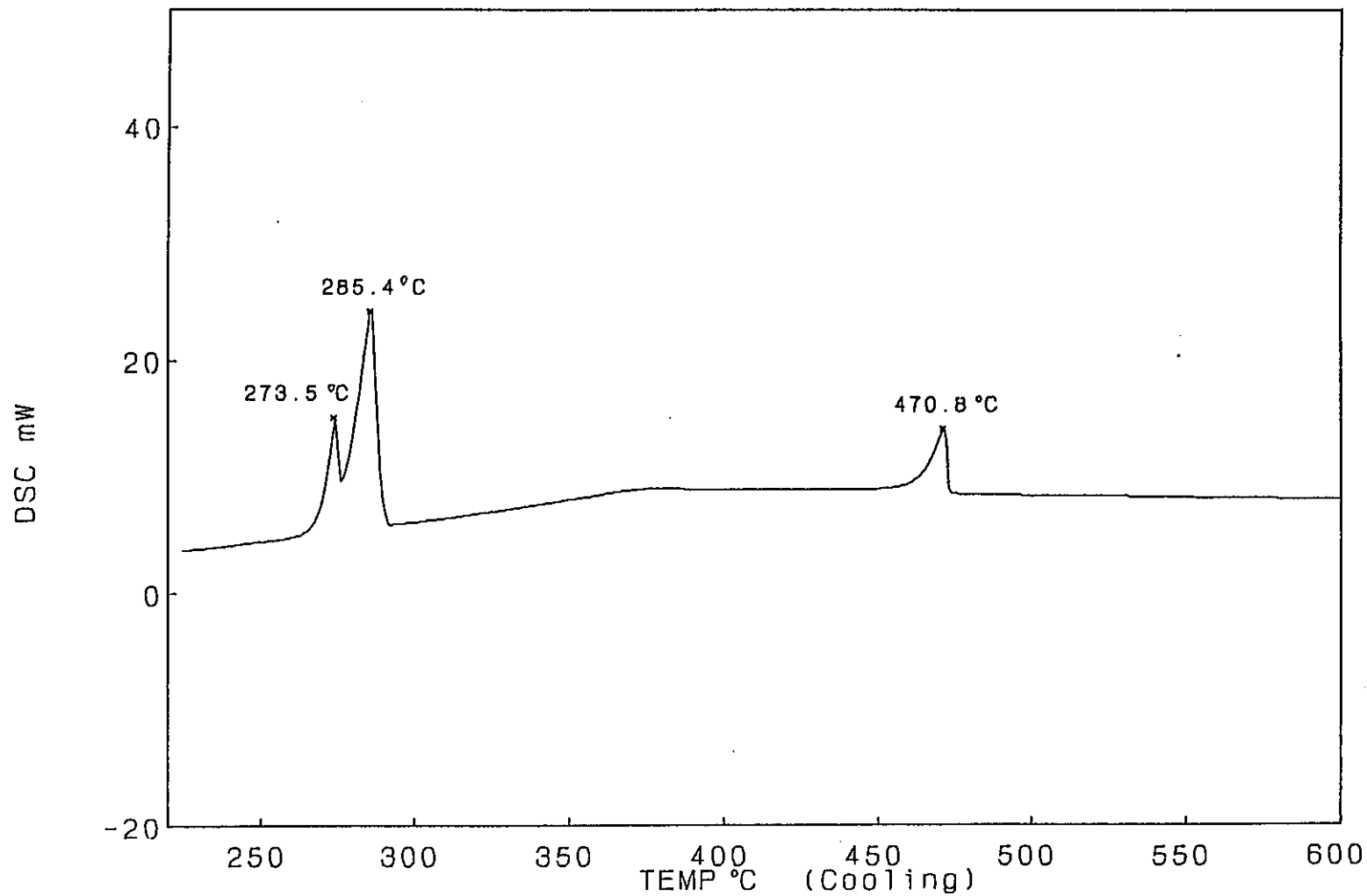
DSC測定チャート 24.② : No.24 (昇温域: 150~650°C)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>		
No.24	40:40:20(mol)	1*	35.0- 740.0	10.00 0.00
9.549 mg	Na2O2 4.693mg	2*	740.0- 100.0	10.00 0.00
(9.549 mg)	Na2O 3.660mg	<Gas>		
<Reference>	NaOH 1.196mg	Ar 40.0 ml/min		
Ag	Heating			
0.000 mg	<Sampling>			
	1.0 sec			



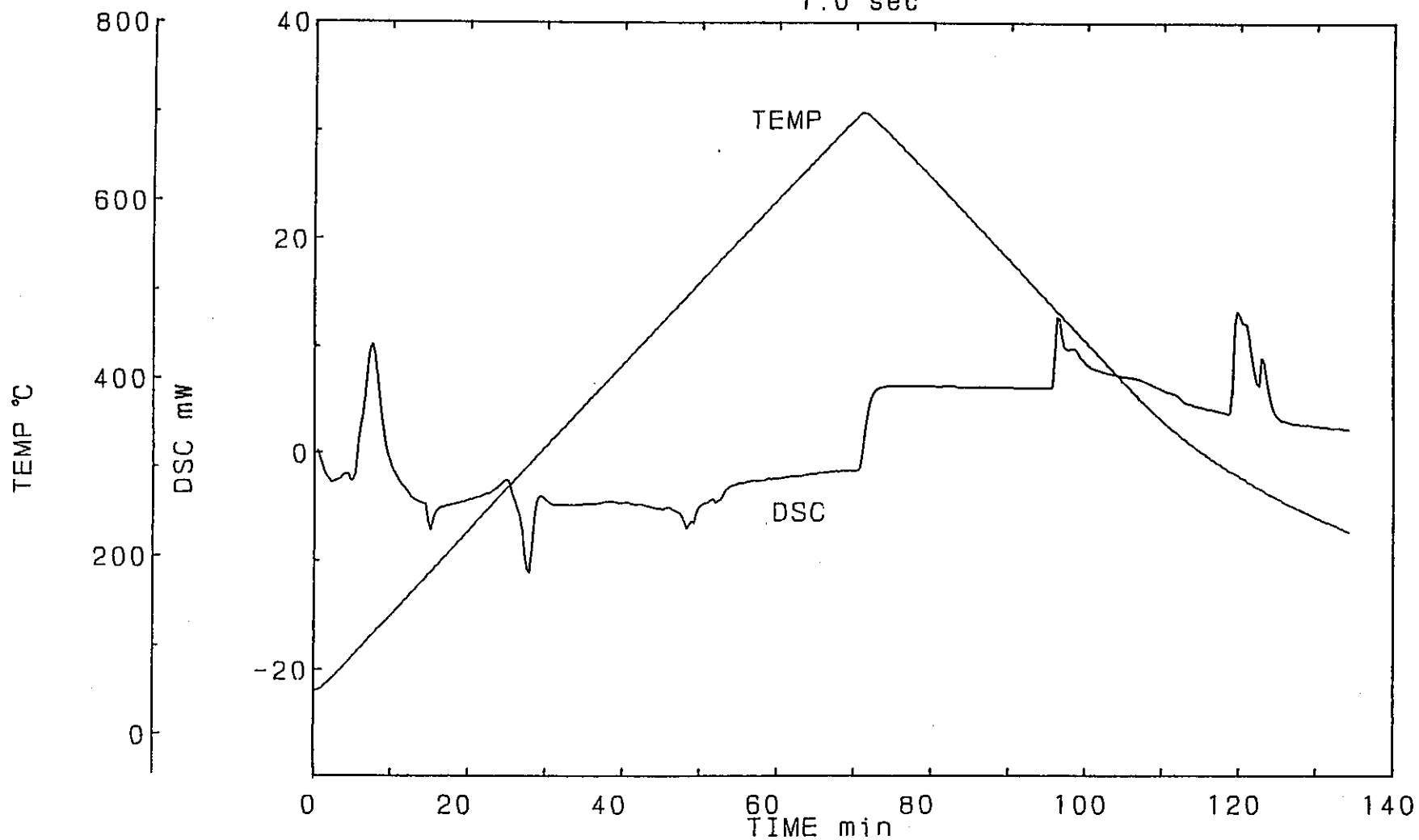
DSC測定チャート 24.③ : No.24 (降温域: 600~200℃)

<Sample>	<Comment>	<Temp.program[℃] [℃/min] [min]>
No.24	40:40:20(mol)	1* 35.0- 740.0 10.00 0.00
9.549 mg	Na2O2 4.693mg	2* 740.0- 100.0 10.00 0.00
(9.549 mg)	Na2O 3.660mg	<Gas>
<Reference>	NaOH 1.196mg	Ar 40.0 ml/min
Ag	Cooling	
0.000 mg	<Sampling>	
	1.0 sec	



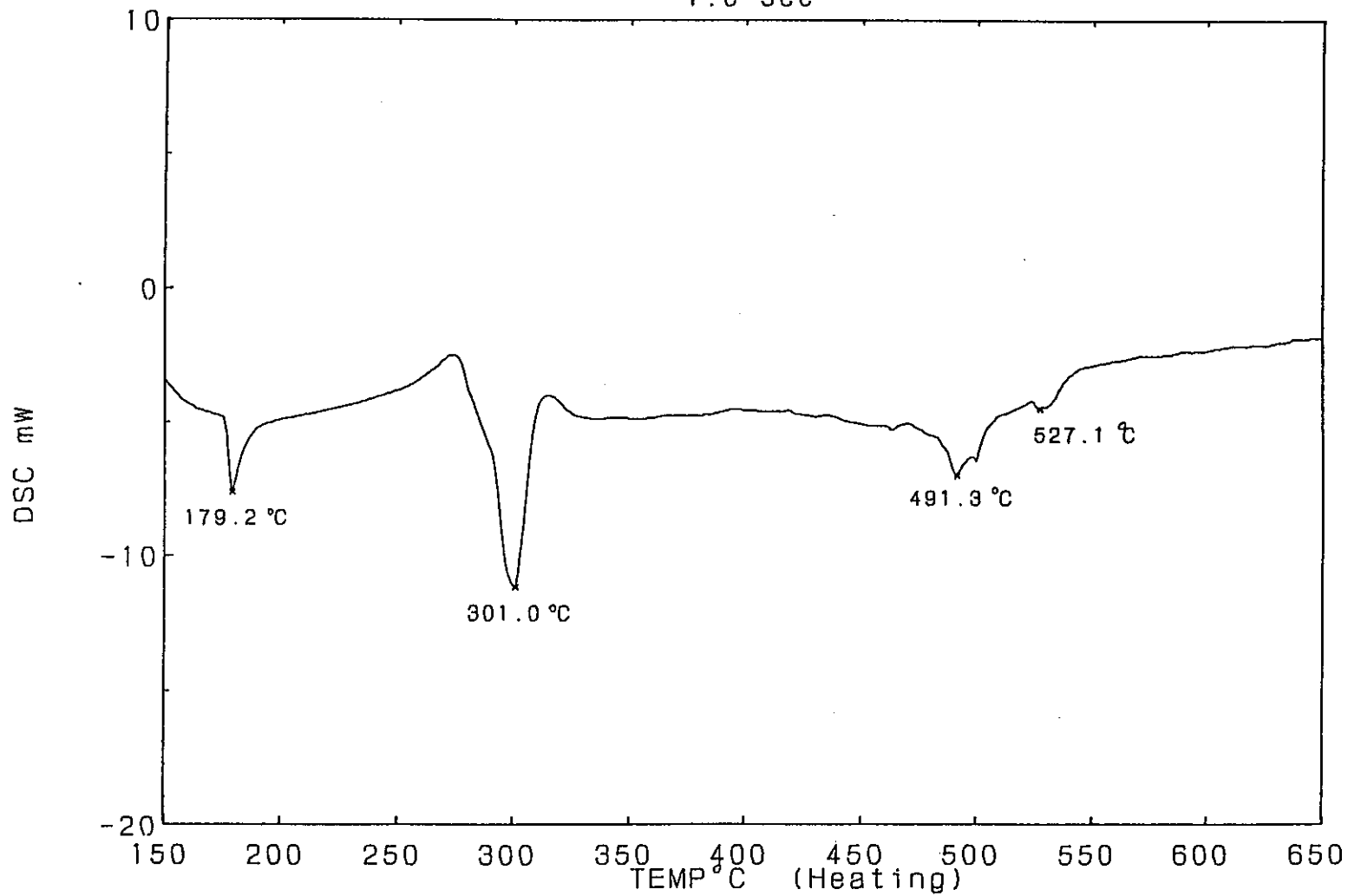
DSC測定チャート 25.① : No.25 (全域)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>		
No.25	50:30:20(mol)	1*	35.0- 740.0	10.00 0.00
10.220 mg	Na2O2 5.949mg	2*	740.0- 100.0	10.00 0.00
(10.220 mg)	Na2O 2.999mg	<Gas>		
<Reference>	NaOH 1.272mg	Ar	40.0 ml/min	
Ag	0.000 mg	<Sampling>	1.0 sec	



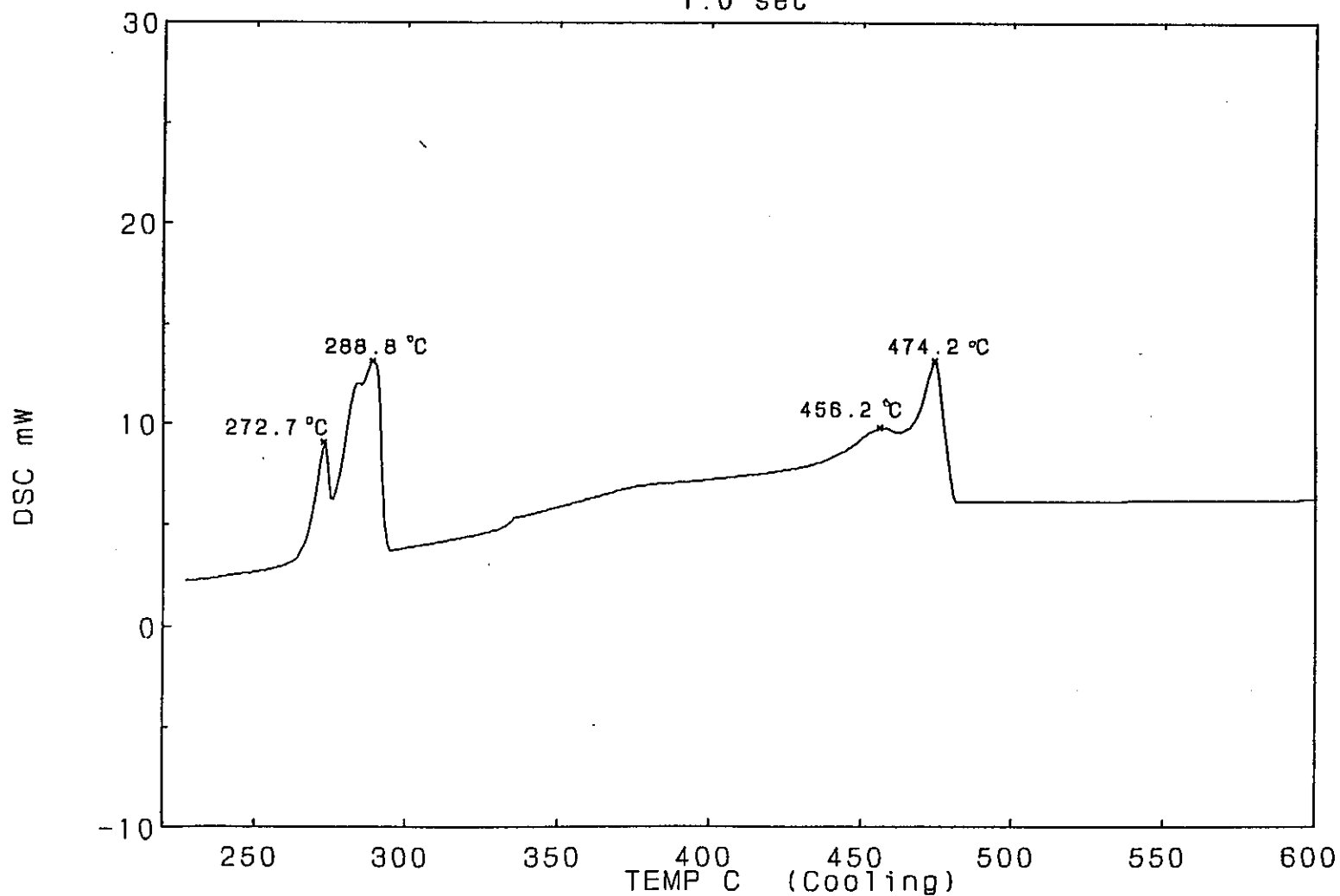
DSC測定チャート 25.② : No.25 (昇温域: 150~650°C)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>		
No.25	50:30:20(mol)	1*	35.0- 740.0	10.00 0.00
10.220 mg	Na2O2 5.949mg	2*	740.0- 100.0	10.00 0.00
(10.220 mg)	Na2O 2.999mg	<Gas>		
<Reference>	NaOH 1.272mg	Ar 40.0 ml/min		
Ag	Heating			
0.000 mg	<Sampling>			
	1.0 sec			



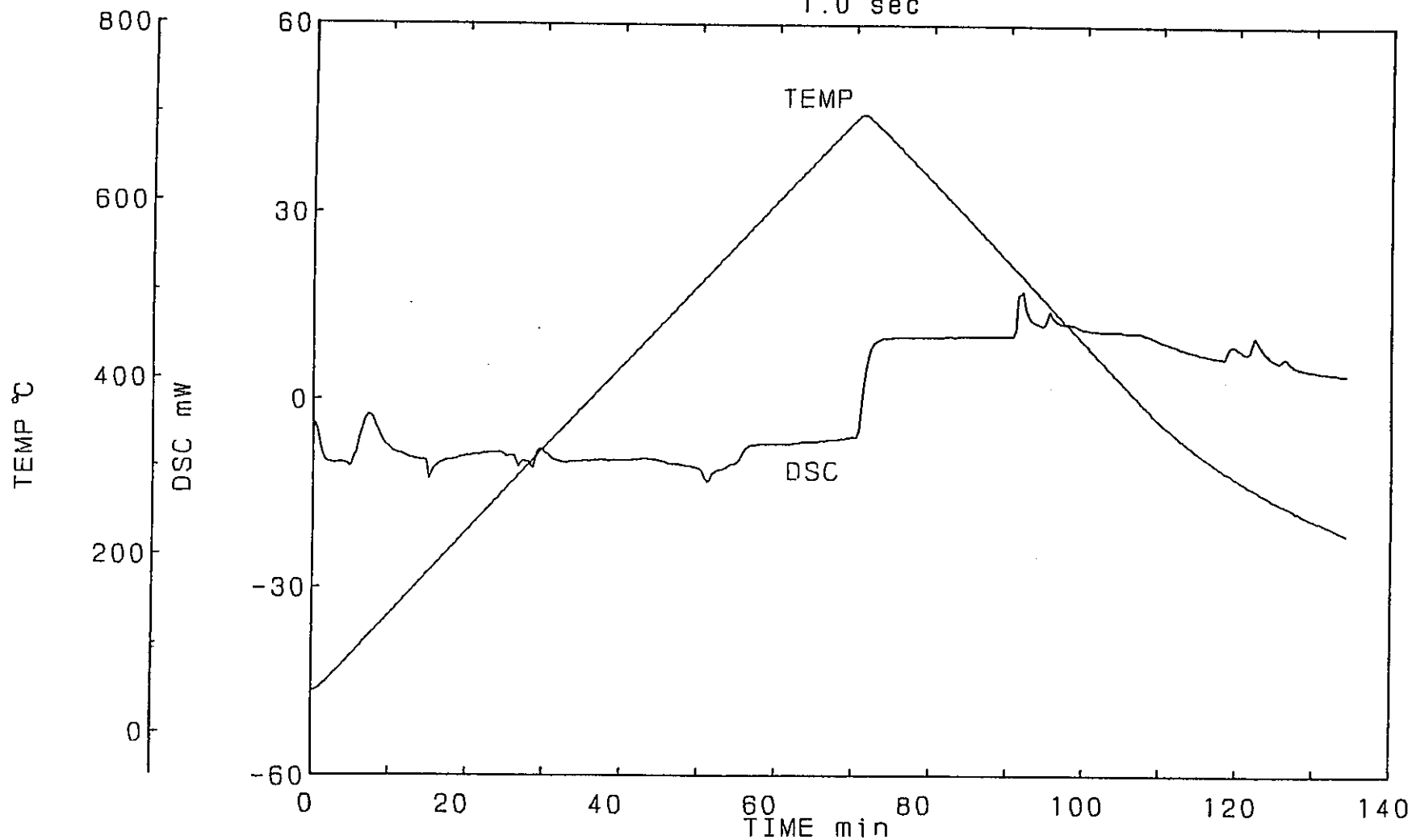
DSC測定チャート 25.③ : No.25 (降温域: 600~200°C)

<Sample>	<Comment>	<Temp. program [°C] [°C/min] [min]>		
No.25	50:30:20(mol)	1*	35.0- 740.0	10.00 0.00
10.220 mg	Na ₂ O ₂ 5.949mg	2*	740.0- 100.0	10.00 0.00
(10.220 mg)	Na ₂ O 2.999mg	<Gas>		
<Reference>	NaOH 1.272mg	Ar 40.0 ml/min		
Ag	Cooling			
0.000 mg	<Sampling>			
	1.0 sec			



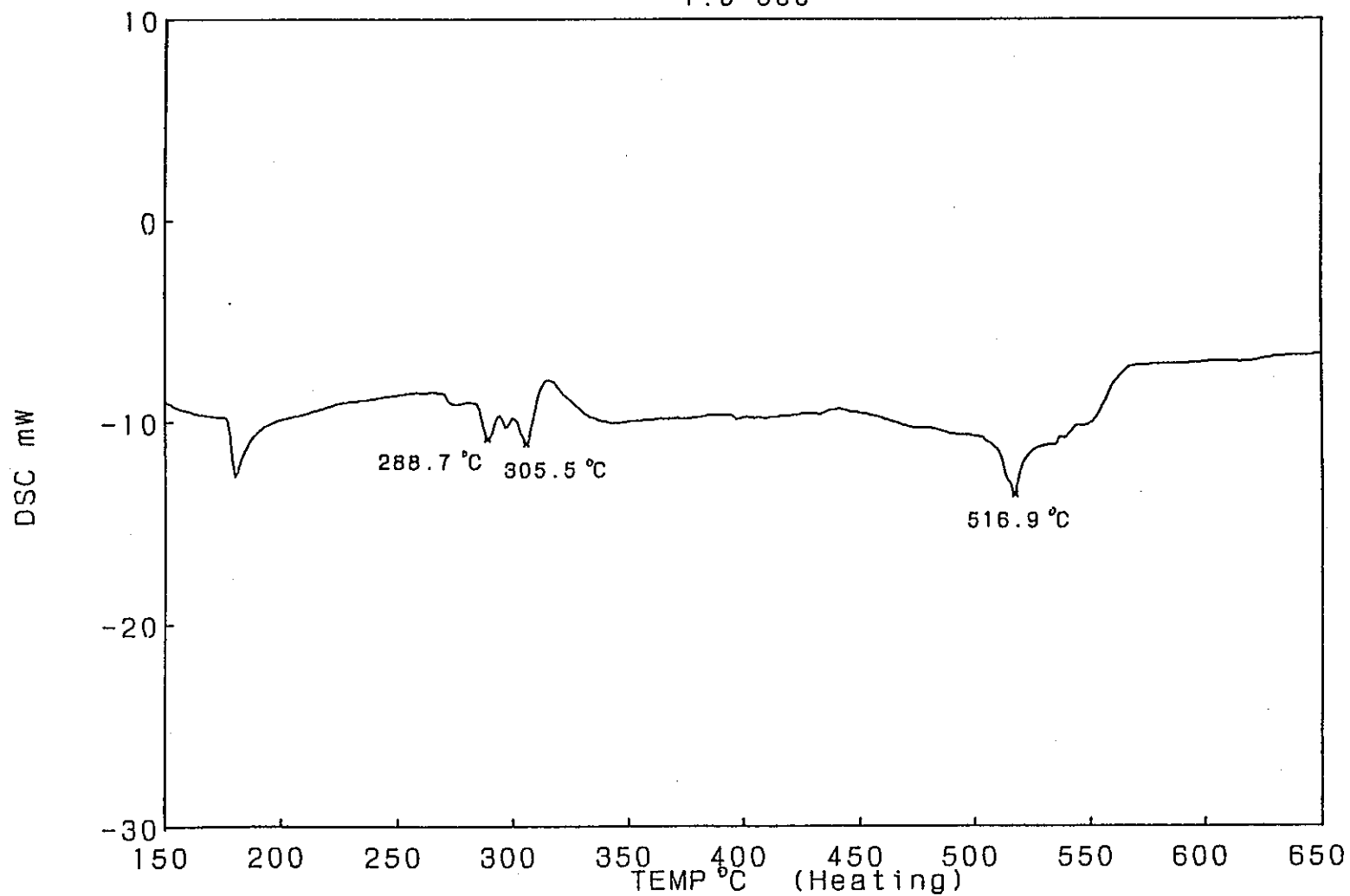
DSC測定チャート 26.① : No.26 (全域)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>		
No.26	60:20:20(mol)	1*	35.0- 740.0	10.00 0.00
9.999 mg	Na2O2 6.964mg	2*	740.0- 100.0	10.00 0.00
(9.999 mg)	Na2O 1.835mg	<Gas>		
<Reference>	NaOH 1.200mg	Ar		40.0 ml/min
Ag				
0.000 mg	<Sampling>			
	1.0 sec			



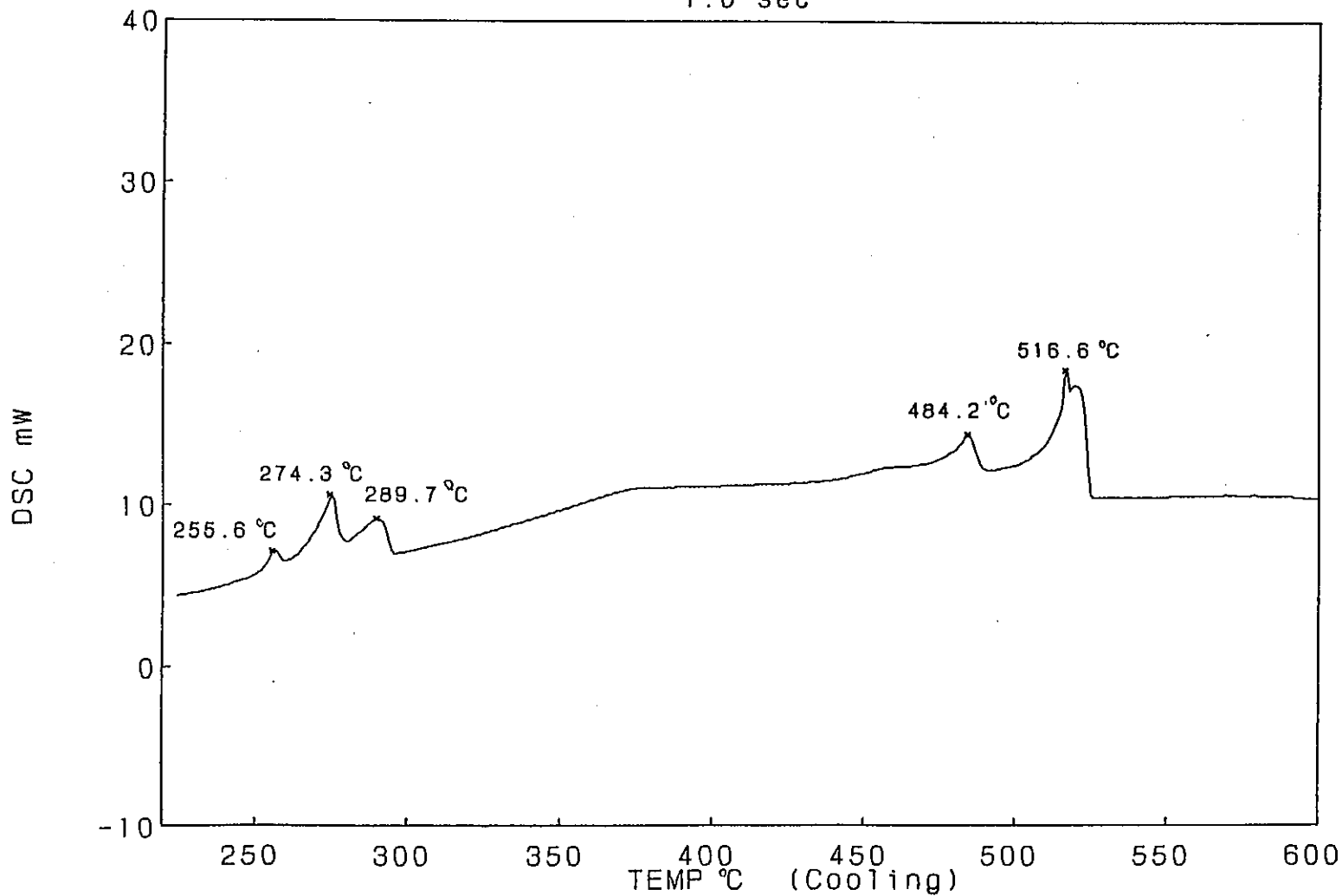
DSC測定チャート 26.② : No.26 (昇温域: 150~650°C)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>			
No.26	60:20:20(mol)	1*	35.0- 740.0	10.00	0.00
9.999 mg	Na2O2 6.964mg	2*	740.0- 100.0	10.00	0.00
(9.999 mg)	Na2O 1.835mg	<Gas>			
<Reference>	NaOH 1.200mg	Ar			
Ag	Heating	40.0 ml/min			
0.000 mg	<Sampling>	1.0 sec			



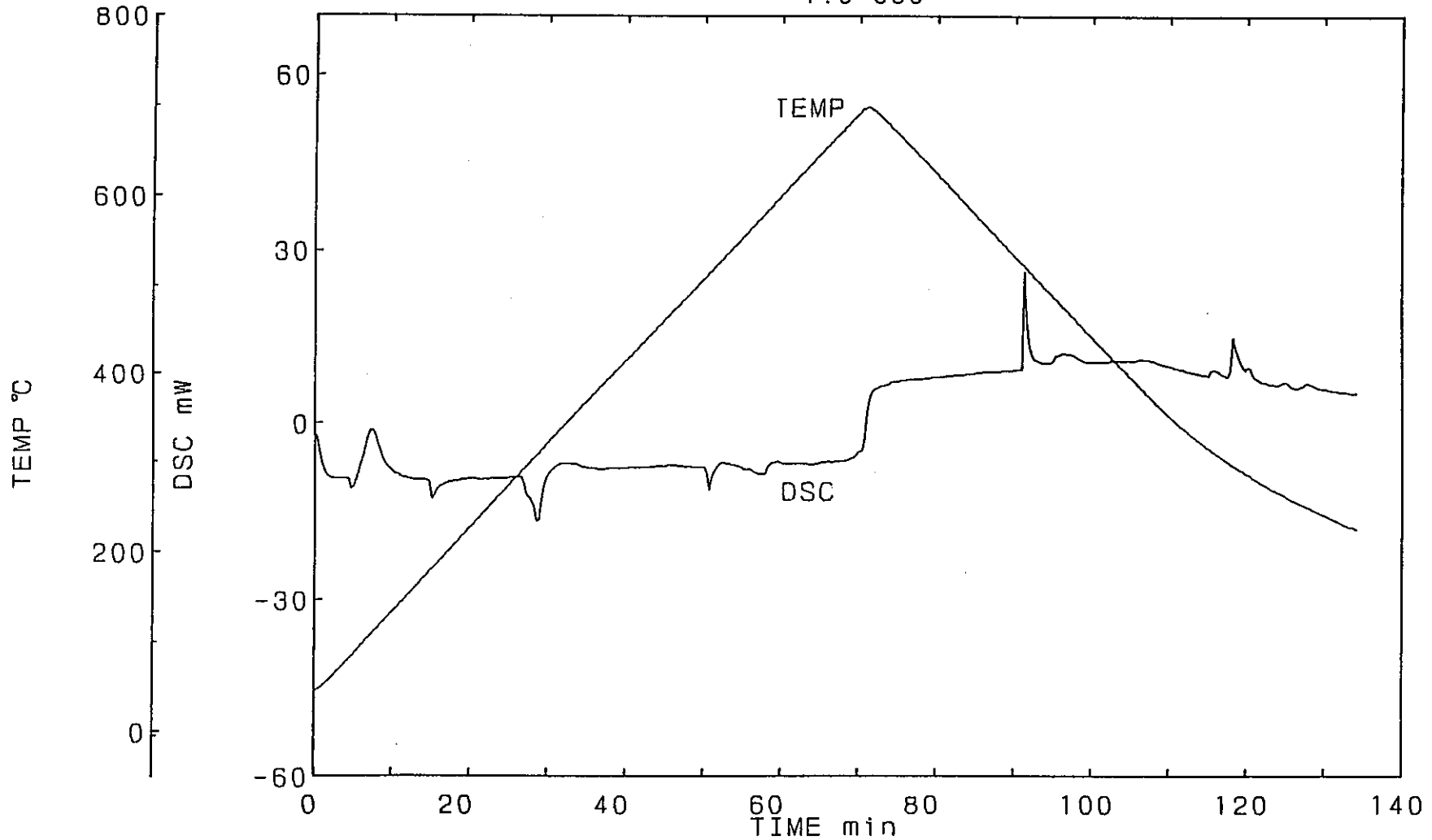
DSC測定チャート 26.③ : No.26 (降温域: 600~200°C)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>		
No.26	60:20:20(mol)	1*	35.0- 740.0	10.00 0.00
9.999 mg	Na ₂ O ₂ 6.964mg	2*	740.0- 100.0	10.00 0.00
(9.999 mg)	Na ₂ O 1.835mg	<Gas>		
<Reference>	NaOH 1.200mg	Ar	40.0 ml/min	
Ag	Cooling			
0.000 mg	<Sampling>			
	1.0 sec			



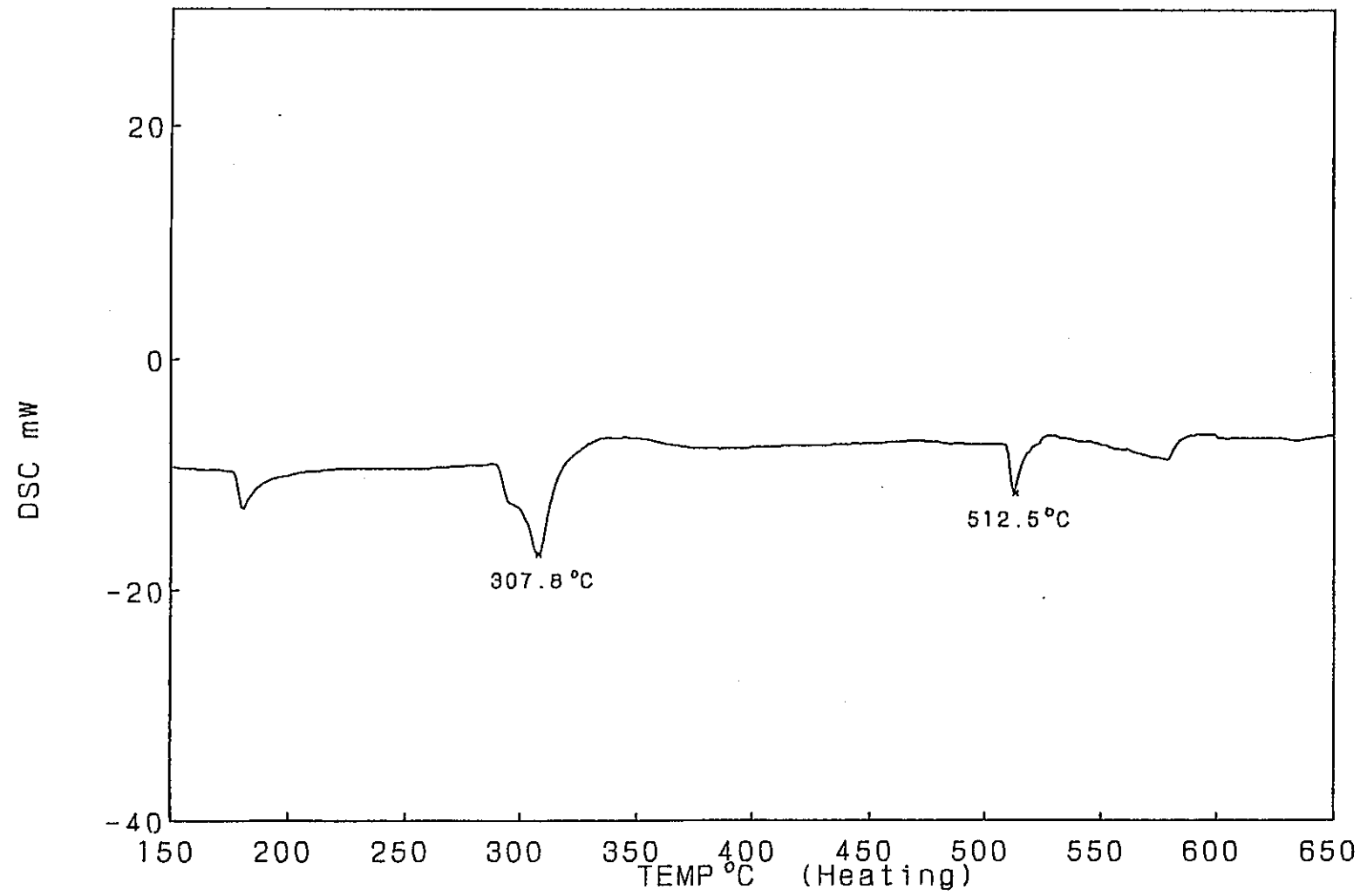
DSC測定チャート 27-1.① : No.27-1 (全域)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>		
No.27	80:0:20(mol)	1*	35.0- 740.0	10.00 0.00
9.962 mg	Na2O2 8.874mg	2*	740.0- 100.0	10.00 0.00
(9.962 mg)	Na2O 0.000mg	<Gas>		
<Reference>	NaOH 1.088mg	Ar	40.0 ml/min	
Ag	0.000 mg	<Sampling>		
		1.0 sec		



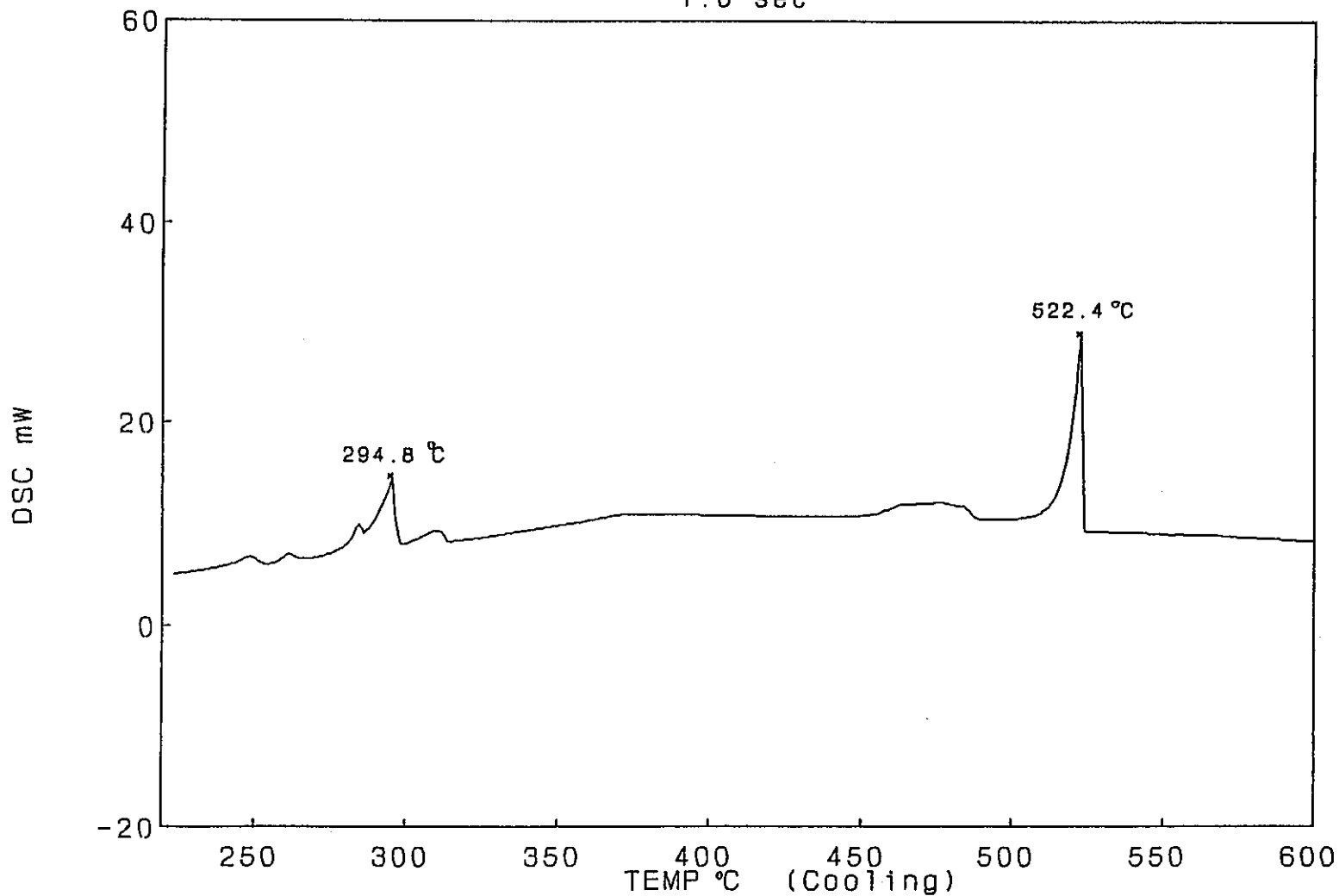
DSC測定チャート 27-1.② : No.27-1 (昇温域: 150~650°C)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>		
No.27	80:0:20(mol)	1*	35.0- 740.0	10.00 0.00
9.962 mg	Na2O2 8.874mg	2*	740.0- 100.0	10.00 0.00
(9.962 mg)	Na2O 0.000mg	<Gas>		
<Reference>	NaOH 1.088mg	Ar	40.0 ml/min	
Ag	Heating			
0.000 mg	<Sampling>			
	1.0 sec			



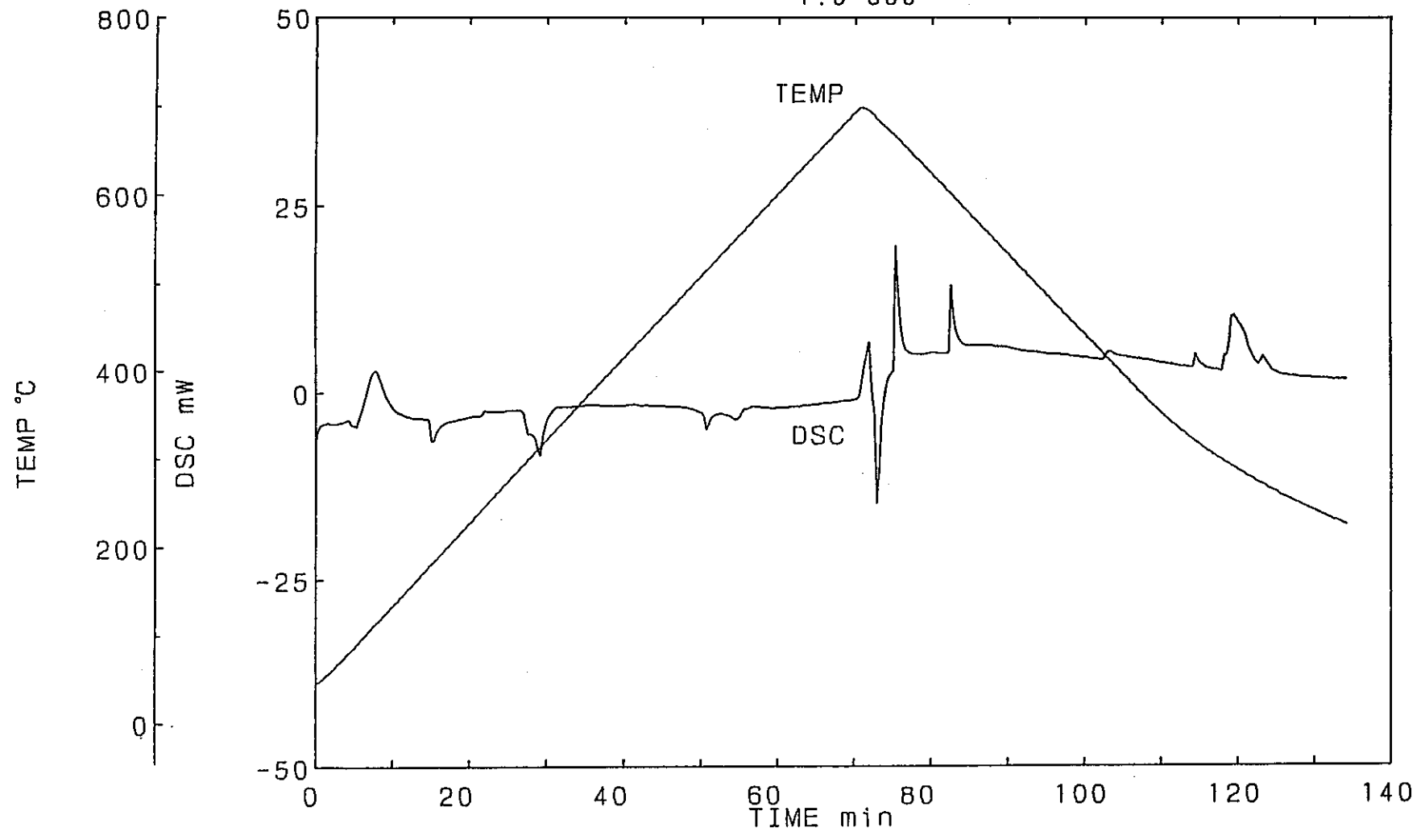
DSC測定チャート 27-1.③ : No.27-1 (降温域 : 600~200℃)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>		
No.27	80:0:20(mol)	1*	35.0- 740.0	10.00 0.00
9.962 mg	Na2O2 8.874mg	2*	740.0- 100.0	10.00 0.00
(9.962 mg)	Na2O 0.000mg	<Gas>		
<Reference>	NaOH 1.088mg	Ar	40.0 ml/min	
Ag	Cooling			
0.000 mg	<Sampling>			
	1.0 sec			



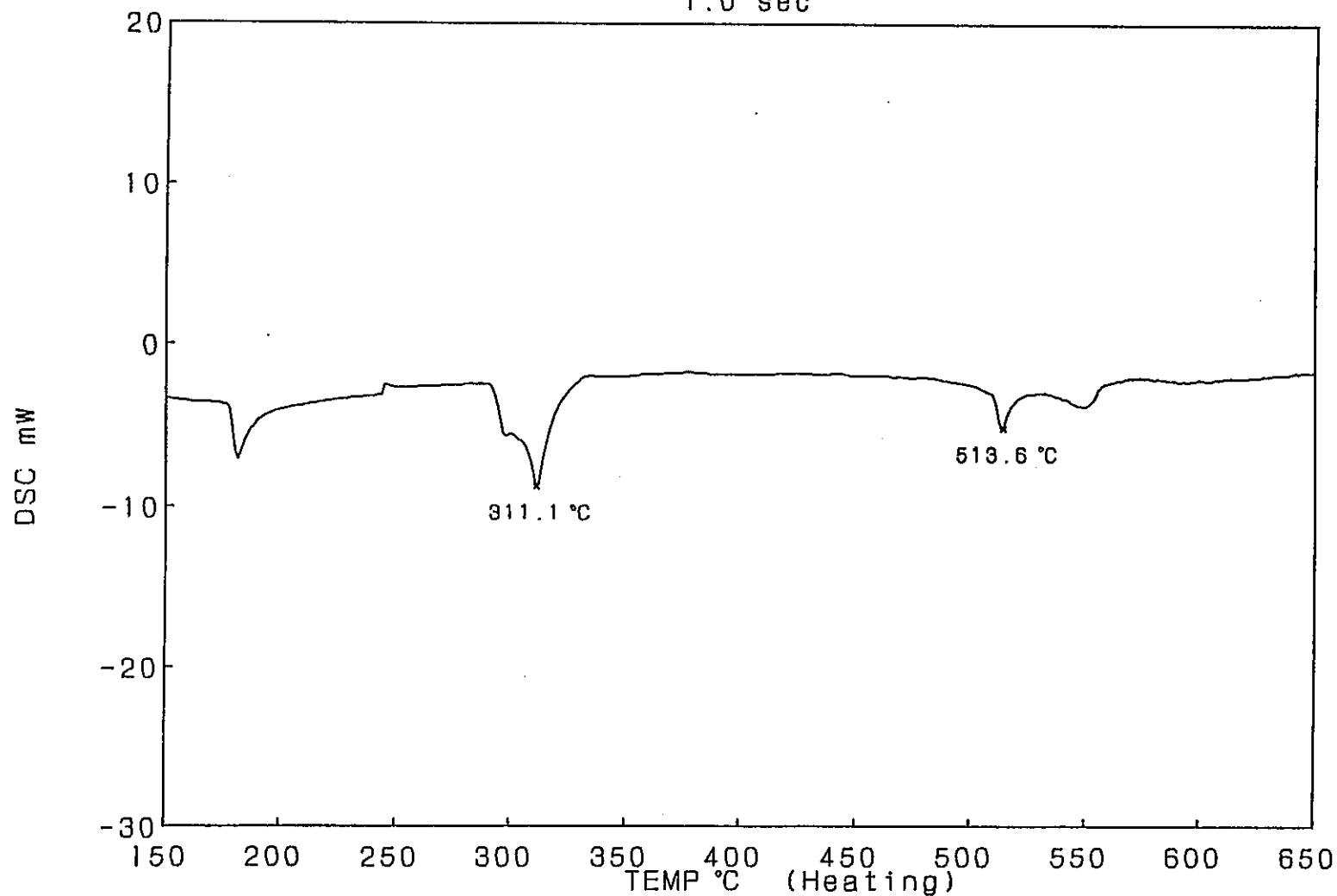
DSC測定チャート 27-2.① : No.27-2 (全域)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>		
No.27	80:0:20(mol)	1*	35.0- 740.0	10.00 0.00
10.098 mg	Na2O2 8.928mg	2*	740.0- 100.0	10.00 0.00
(10.098 mg)	Na2O 0.000mg	<Gas>		
<Reference>	NaOH 1.170mg	Ar	40.0 ml/min	
Ag	0.000 mg	<Sampling>	1.0 sec	



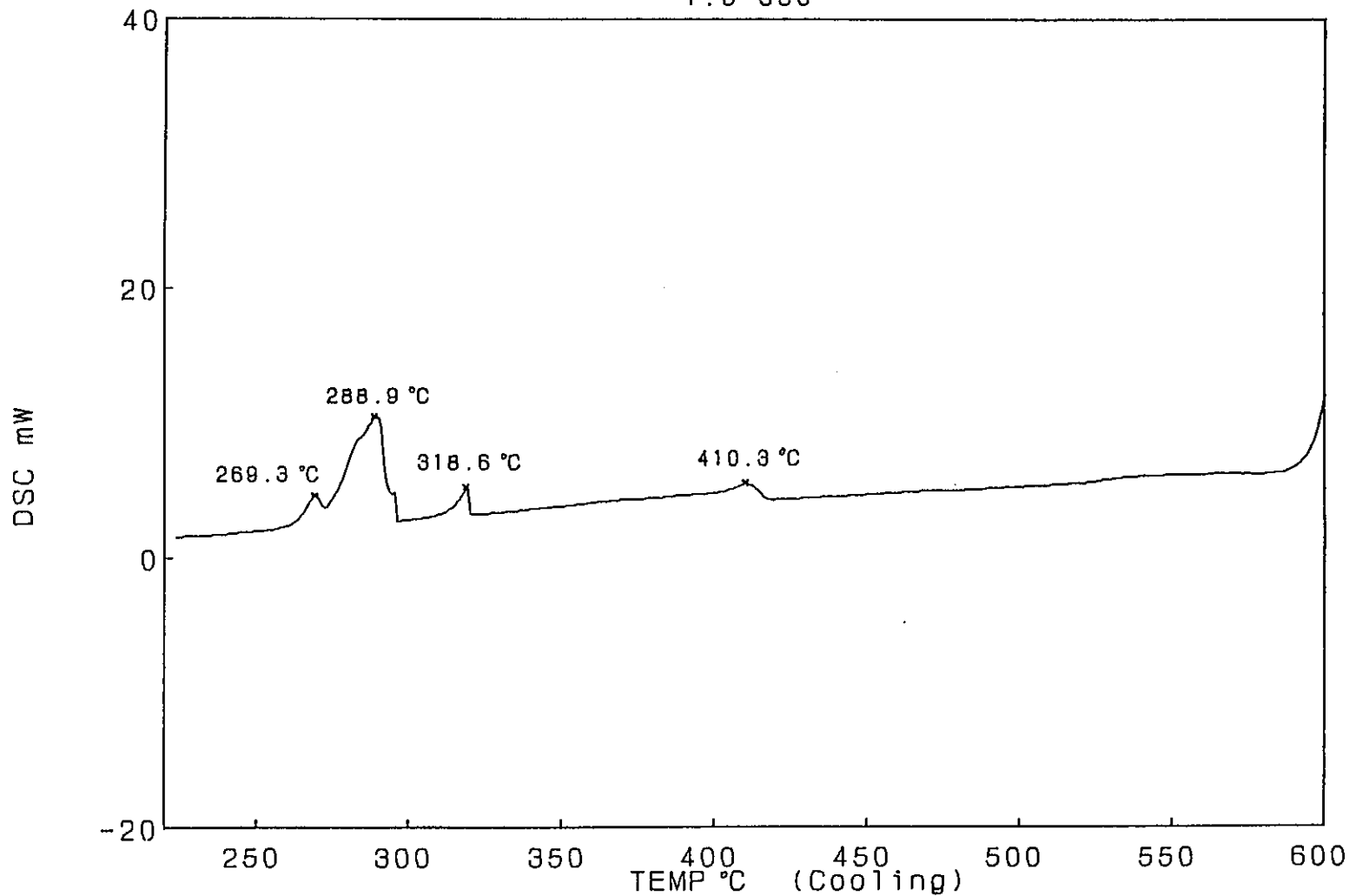
DSC測定チャート 27-2.② : No.27-2 (昇温域: 150~650℃)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>		
No.27	80:0:20(mol)	1*	35.0- 740.0	10.00 0.00
10.098 mg	Na2O2 8.928mg	2*	740.0- 100.0	10.00 0.00
(10.098 mg)	Na2O 0.000mg	<Gas>		
<Reference>	NaOH 1.170mg	Ar	40.0 ml/min	
Ag	Heating			
0.000 mg	<Sampling>			
	1.0 sec			



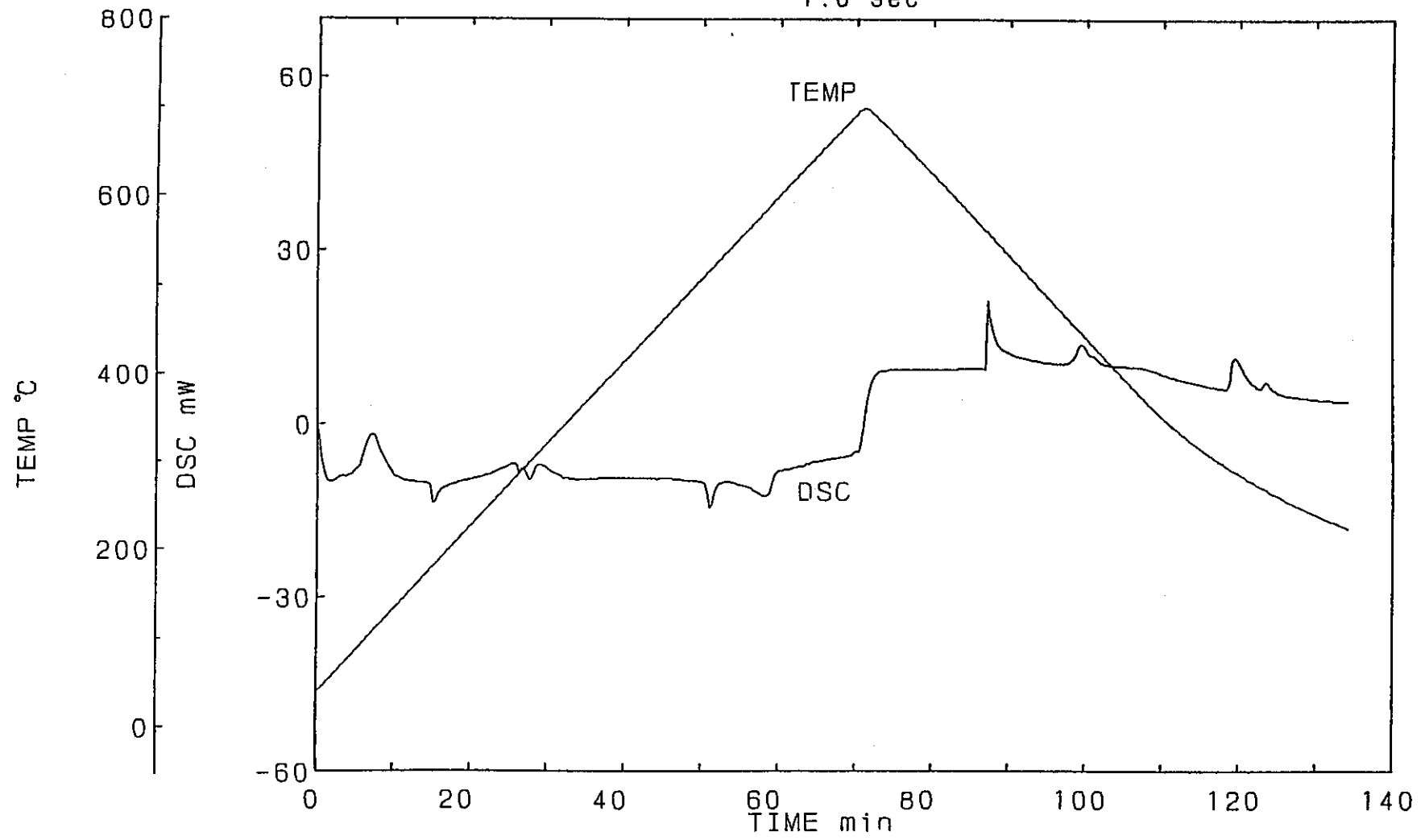
DSC測定チャート 27-2.③ : No.27-2 (降温域: 600~200℃)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>		
No.27	80:0:20(mol)	1*	35.0- 740.0	10.00 0.00
10.098 mg	Na2O2 8.928mg	2*	740.0- 100.0	10.00 0.00
(10.098 mg)	Na2O 0.000mg	<Gas>		
<Reference>	NaOH 1.170mg	Ar		
Ag	Cooling	40.0 ml/min		
0.000 mg	<Sampling>	1.0 sec		



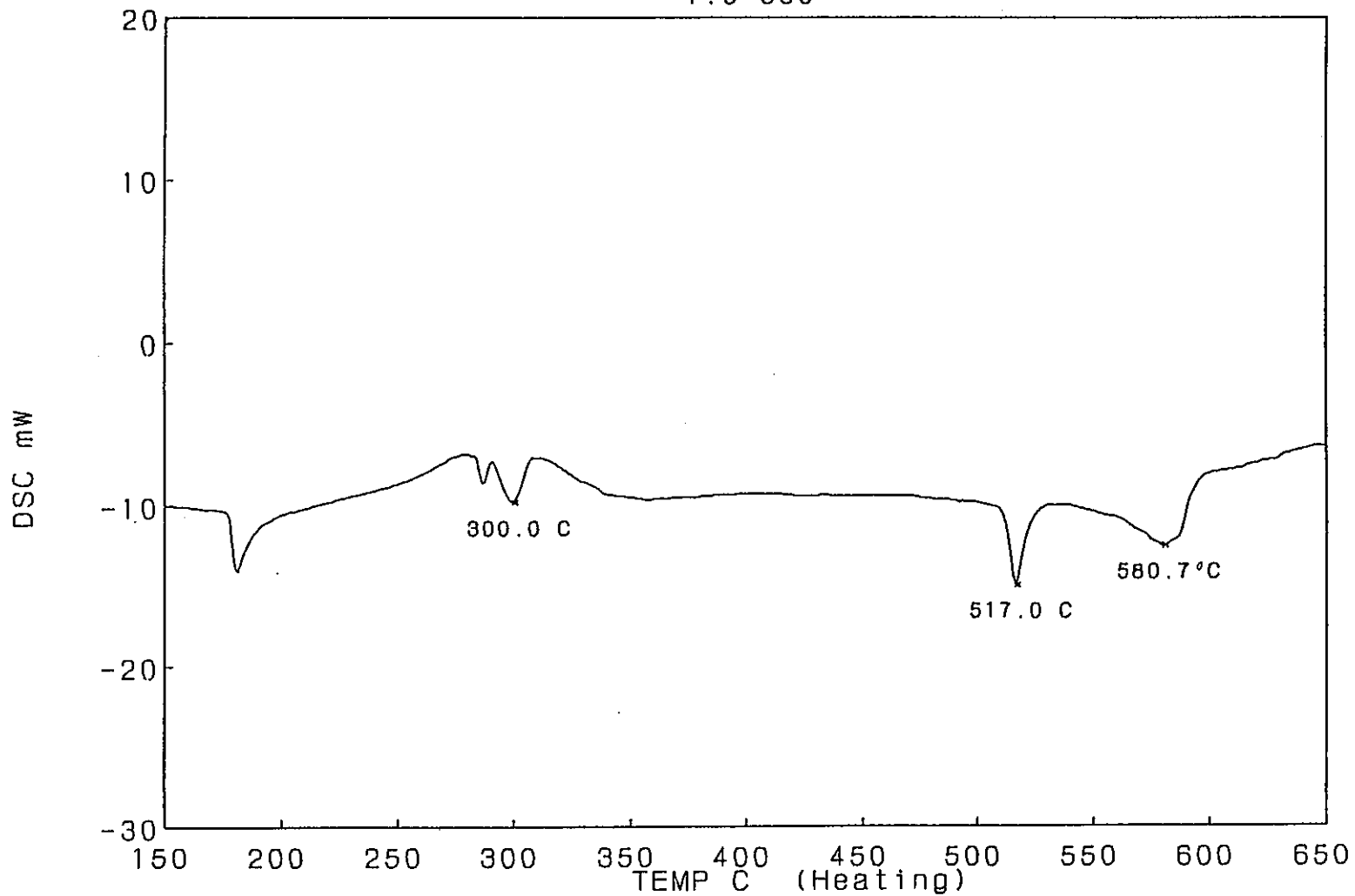
DSC測定チャート 28-1.① : No.28-1 (全域)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>		
No.28	70:30:0(mol)	1*	35.0- 740.0	10.00 0.00
10.895 mg	Na2O2 8.075mg	2*	740.0- 100.0	10.00 0.00
(10.895 mg)	Na2O 2.820mg	<Gas>		
<Reference>	NaOH 0.000mg	Ar		
Ag	0.000 mg	40.0 ml/min		
	<Sampling>	1.0 sec		



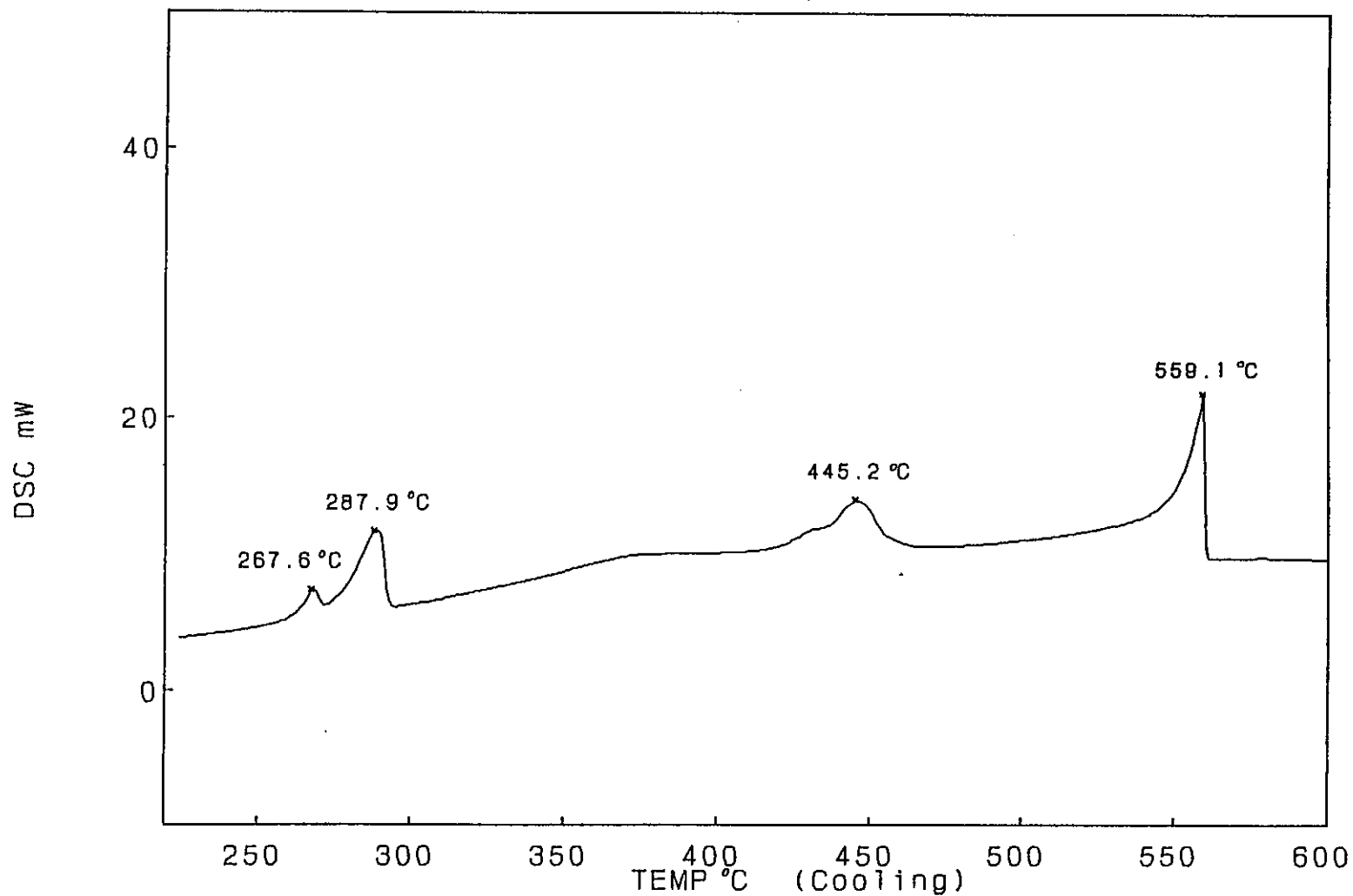
DSC測定チャート 28-1.② : No.28-1 (昇温域: 150~650°C)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>		
No.28	70:30:0(mol)	1*	35.0- 740.0	10.00 0.00
10.895 mg	Na2O2 8.075mg	2*	740.0- 100.0	10.00 0.00
(10.895 mg)	Na2O 2.820mg	<Gas>		
<Reference>	NaOH 0.000mg	Ar 40.0 ml/min		
Ag	Heating			
0.000 mg	<Sampling>			
	1.0 sec			



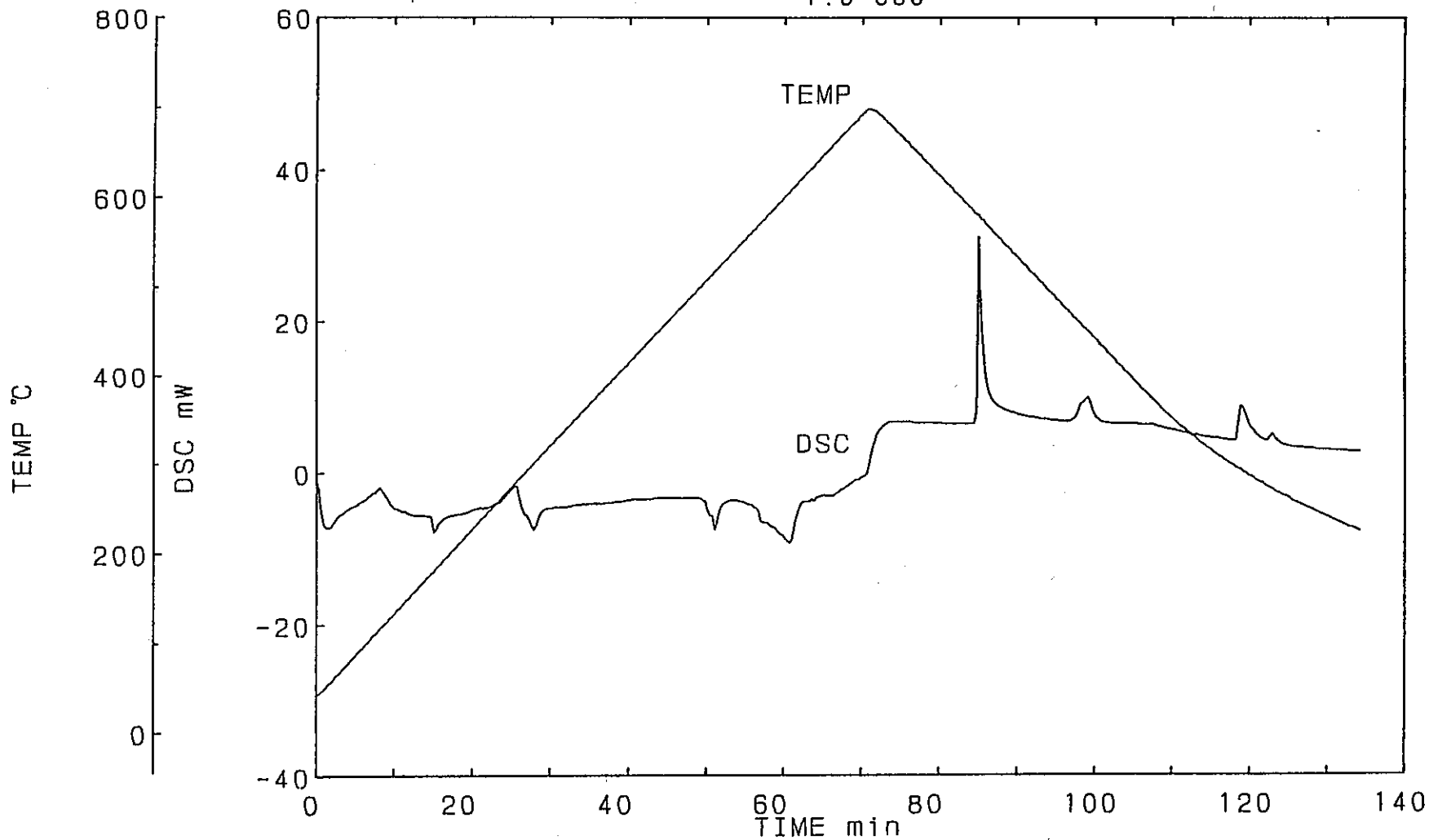
DSC測定チャート 28-1.③ : No.28-1 (降温域: 600~200°C)

<Sample>	<Comment>	<Temp.program[°C]	[°C/min]	[min]>
No.28	70:30:0(mol)	1* 35.0- 740.0	10.00	0.00
10.895 mg	Na2O2 8.075mg	2* 740.0- 100.0	10.00	0.00
(10.895 mg)	Na2O 2.820mg	<Gas>		
<Reference>	NaOH 0.000mg	Ar	40.0 ml/min	
Ag	Cooling			
0.000 mg	<Sampling>			
	1.0 sec			



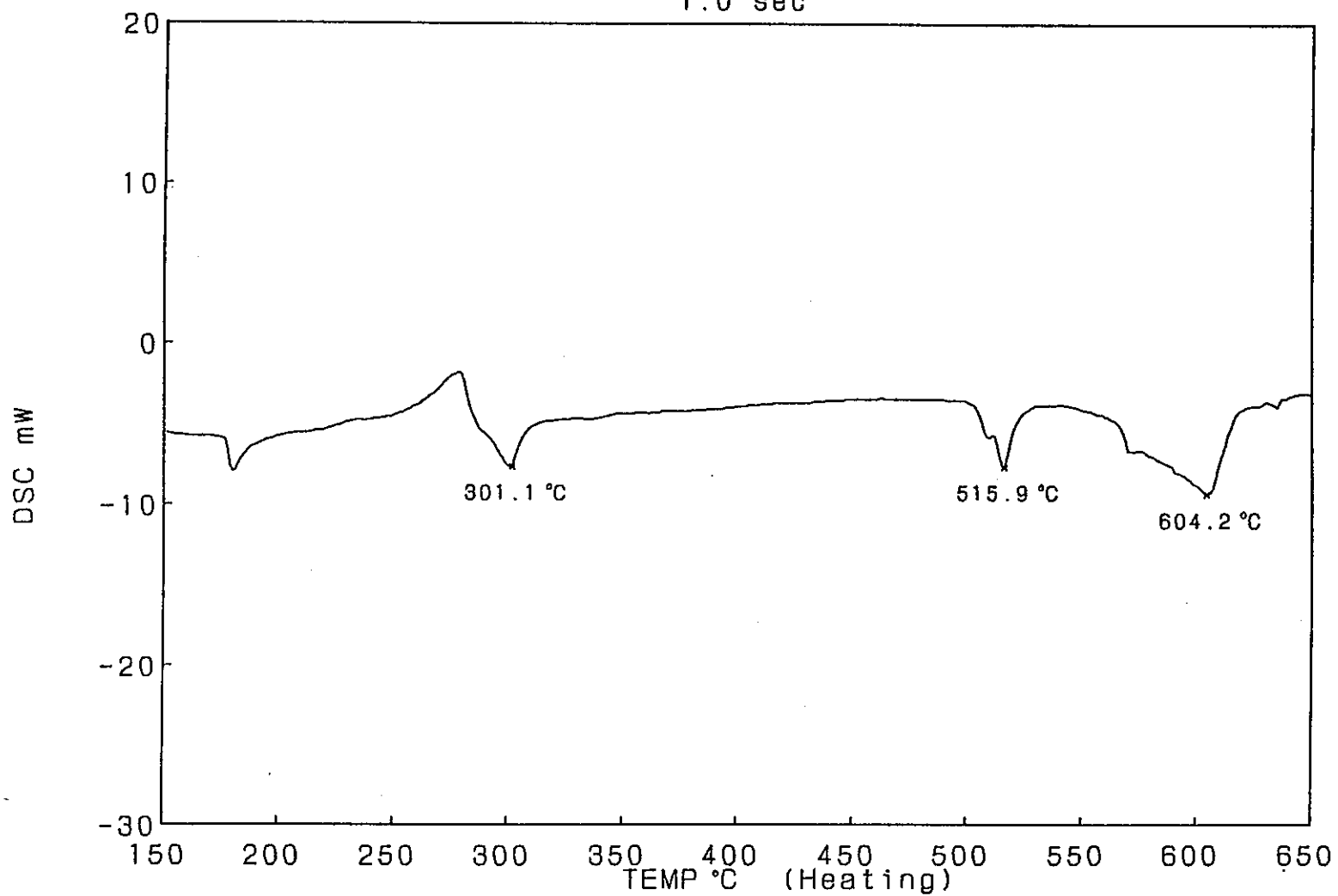
DSC測定チャート 28-2.① : No.28-2 (全域)

<Sample>	<Comment>	<Temp.program [°C] [°C/min] [min]>		
No.28	70:30:0(mol)	1*	35.0- 740.0	10.00 0.00
10.105 mg	Na2O2 7.458mg	2*	740.0- 100.0	10.00 0.00
(10.105 mg)	Na2O 2.637mg	<Gas>		
<Reference>	NaOH 0.000mg	Ar	40.0 ml/min	
Ag	0.000 mg	<Sampling>	1.0 sec	



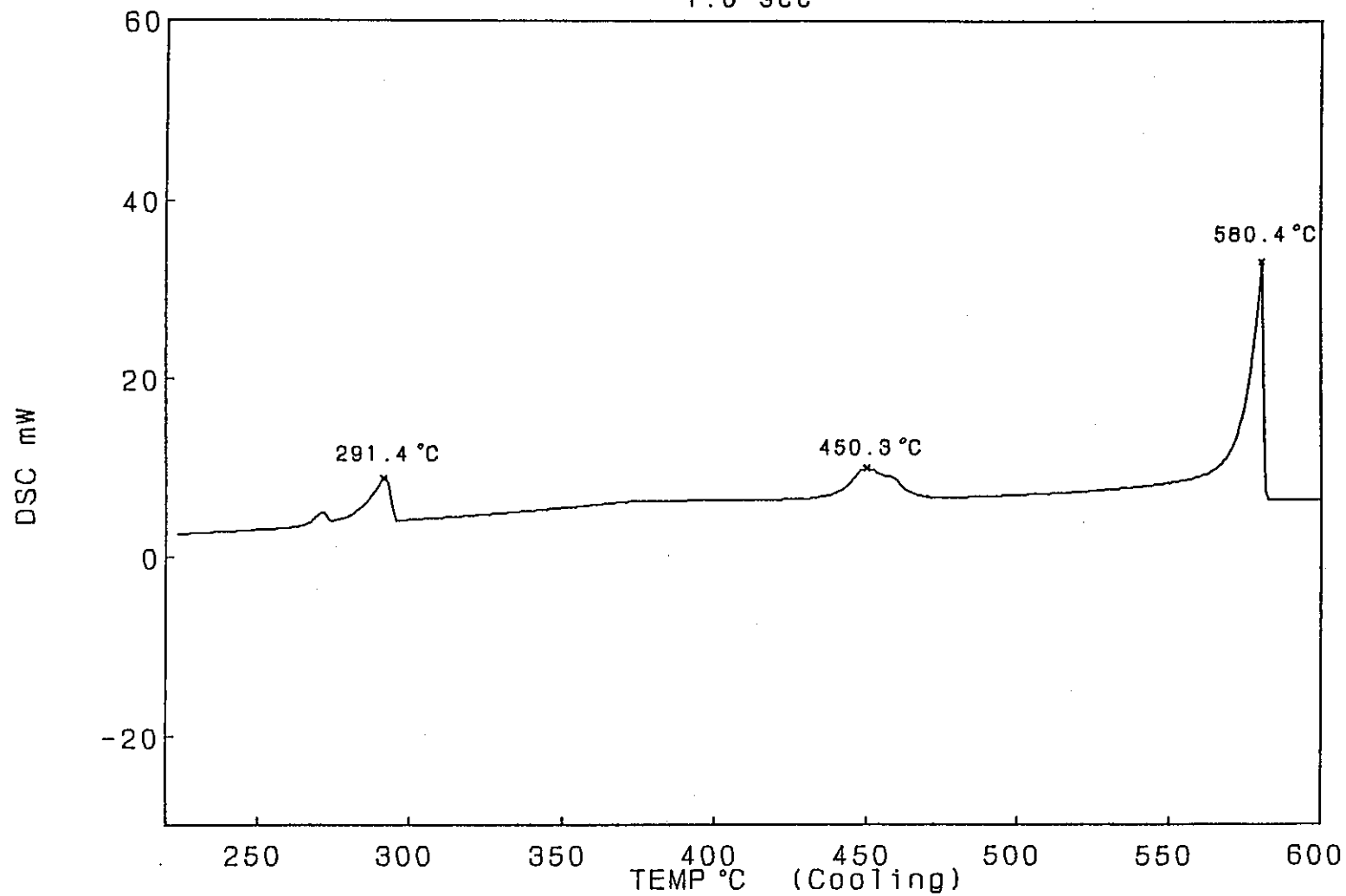
DSC測定チャート 28-2.② : No.28-2 (昇温域: 150~650℃)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>		
No.28	70:30:0(mol)	1*	35.0- 740.0	10.00 0.00
10.105 mg	Na2O2 7.458mg	2*	740.0- 100.0	10.00 0.00
(10.105 mg)	Na2O 2.637mg	<Gas>		
<Reference>	NaOH 0.000mg	Ar 40.0 ml/min		
Ag	Heating			
0.000 mg	<Sampling>			
	1.0 sec			



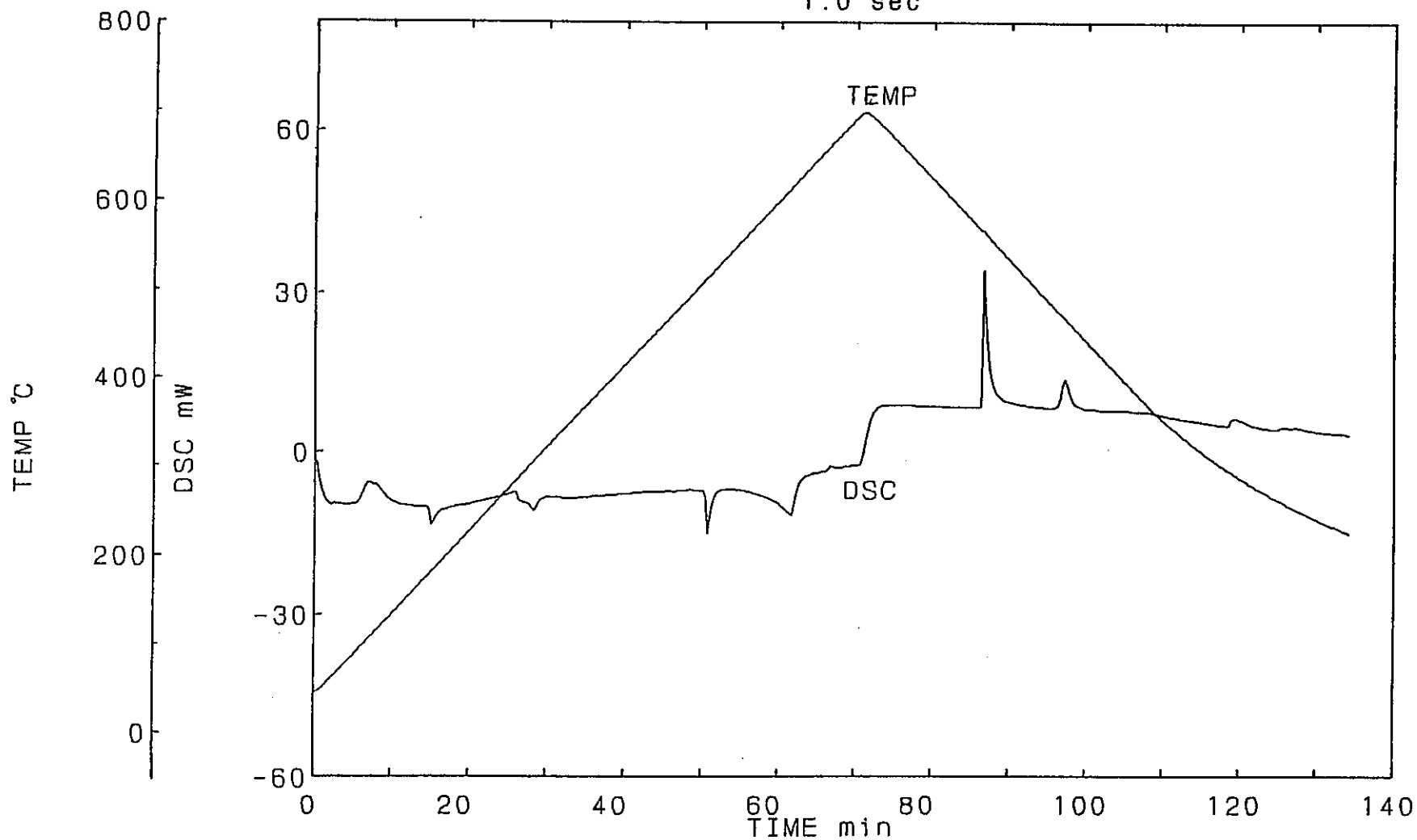
DSC測定チャート 28-2.③ : No.28-2 (降温域: 600~200°C)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>		
No.28	70:30:0(mol)	1*	35.0- 740.0	10.00 0.00
10.105 mg	Na2O2 7.458mg	2*	740.0- 100.0	10.00 0.00
(10.105 mg)	Na2O 2.637mg	<Gas>		
<Reference>	NaOH 0.000mg	Ar 40.0 ml/min		
Ag	Cooling			
0.000 mg	<Sampling>			
	1.0 sec			



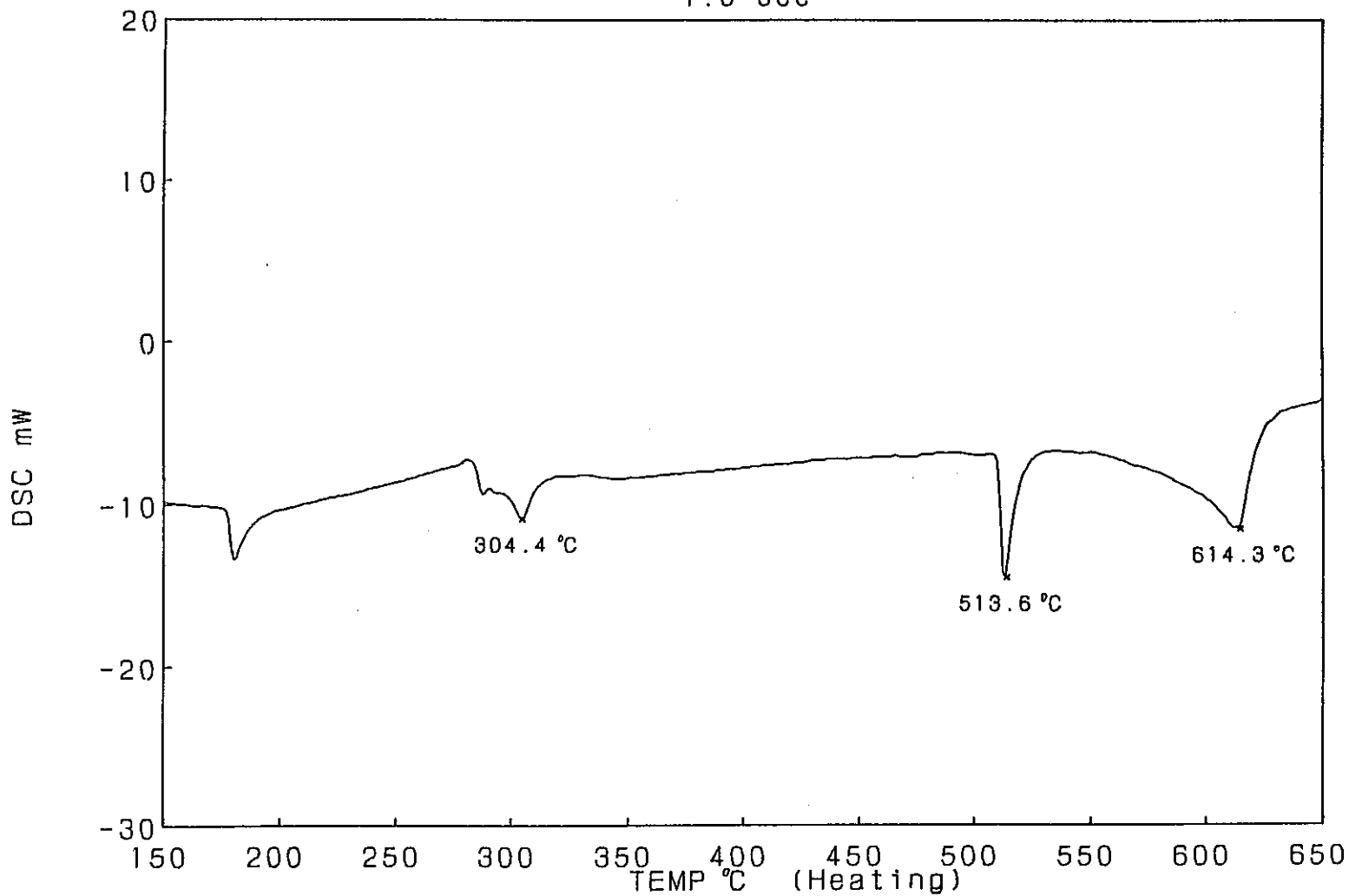
DSC測定チャート 29-1.① : No.29-1 (全域)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>		
No.29	90:10:0(mol)	1*	35.0- 740.0	10.00 0.00
9.980 mg	Na2O2 9.173mg	2*	740.0- 100.0	10.00 0.00
(9.980 mg)	Na2O 0.807mg	<Gas>		
<Reference>	NaOH 0.000mg	Ar 40.0 ml/min		
Ag	0.000 mg	<Sampling>		
		1.0 sec		



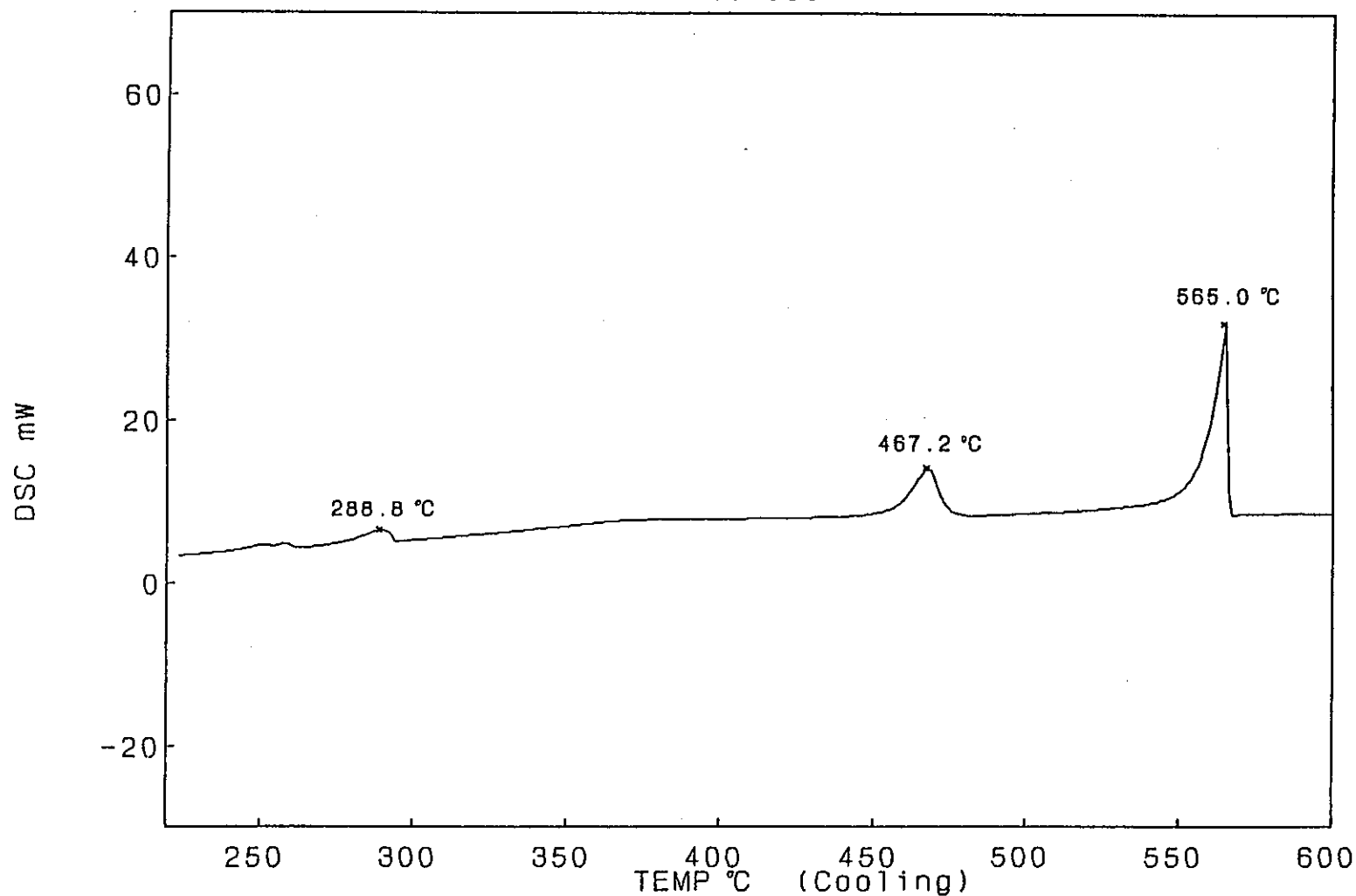
DSC測定チャート 29-1.② : No.29-1 (昇温域: 150~650℃)

<Sample>	<Comment>	<Temp.program[℃]	[℃/min]	[min]>
No.29	90:10:0(mol)	1* 35.0- 740.0	10.00	0.00
9.980 mg	Na2O2 9.173mg	2* 740.0- 100.0	10.00	0.00
(9.980 mg)	Na2O 0.807mg	<Gas>		
<Reference>	NaOH 0.000mg	Ar	40.0 ml/min	
Ag	Heating			
0.000 mg	<Sampling>			
	1.0 sec			



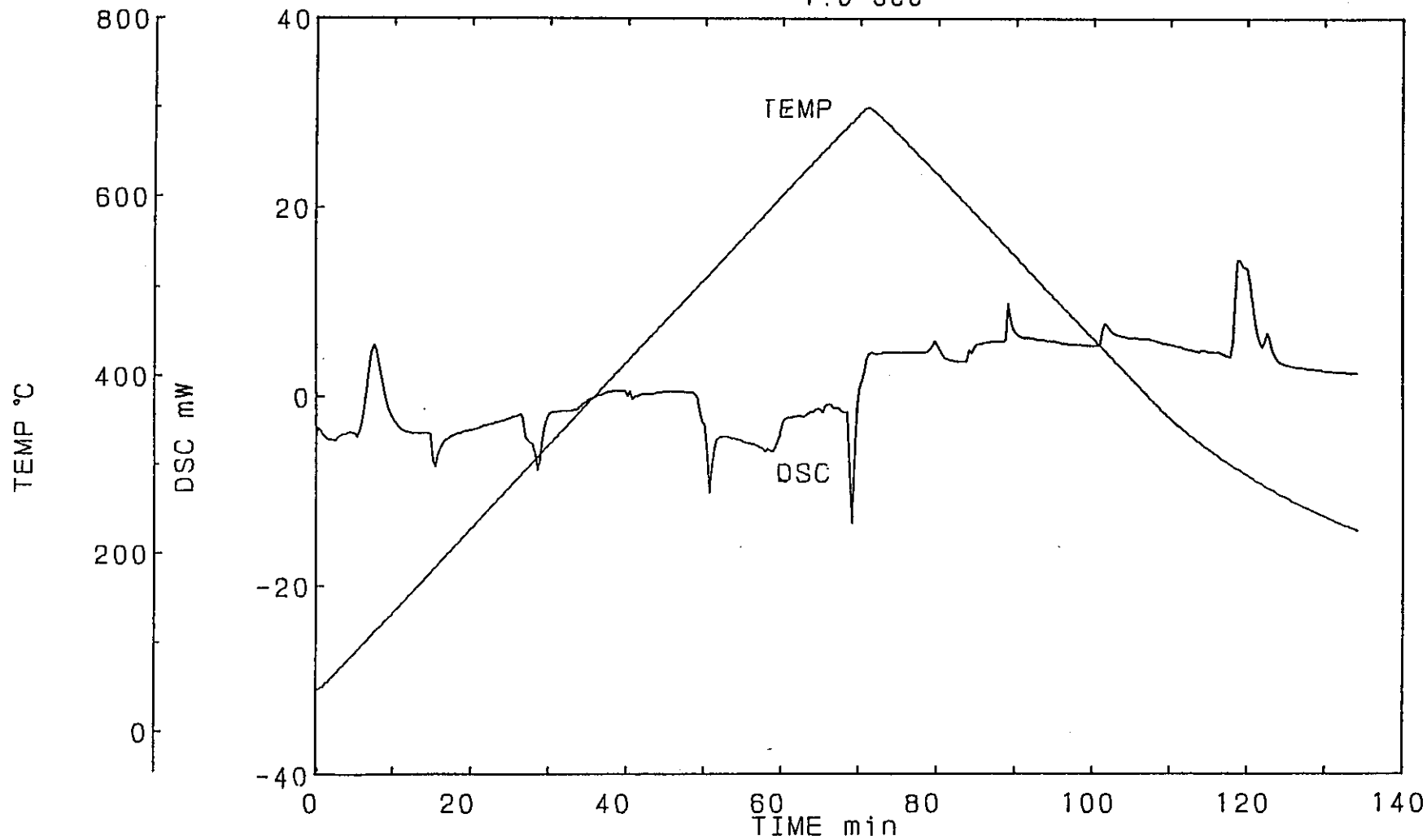
DSC測定チャート 29-1.③ : No.29-1 (降温域: 600~200℃)

<Sample>	<Comment>	<Temp.program[°C]	[°C/min]	[min]>
No.29	90:10:0(mol)	1*	35.0- 740.0	10.00 0.00
9.980 mg	Na2O2 9.173mg	2*	740.0- 100.0	10.00 0.00
(9.980 mg)	Na2O 0.807mg	<Gas>		
<Reference>	NaOH 0.000mg	Ar		40.0 ml/min
Ag	Cooling			
0.000 mg	<Sampling>			
	1.0 sec			



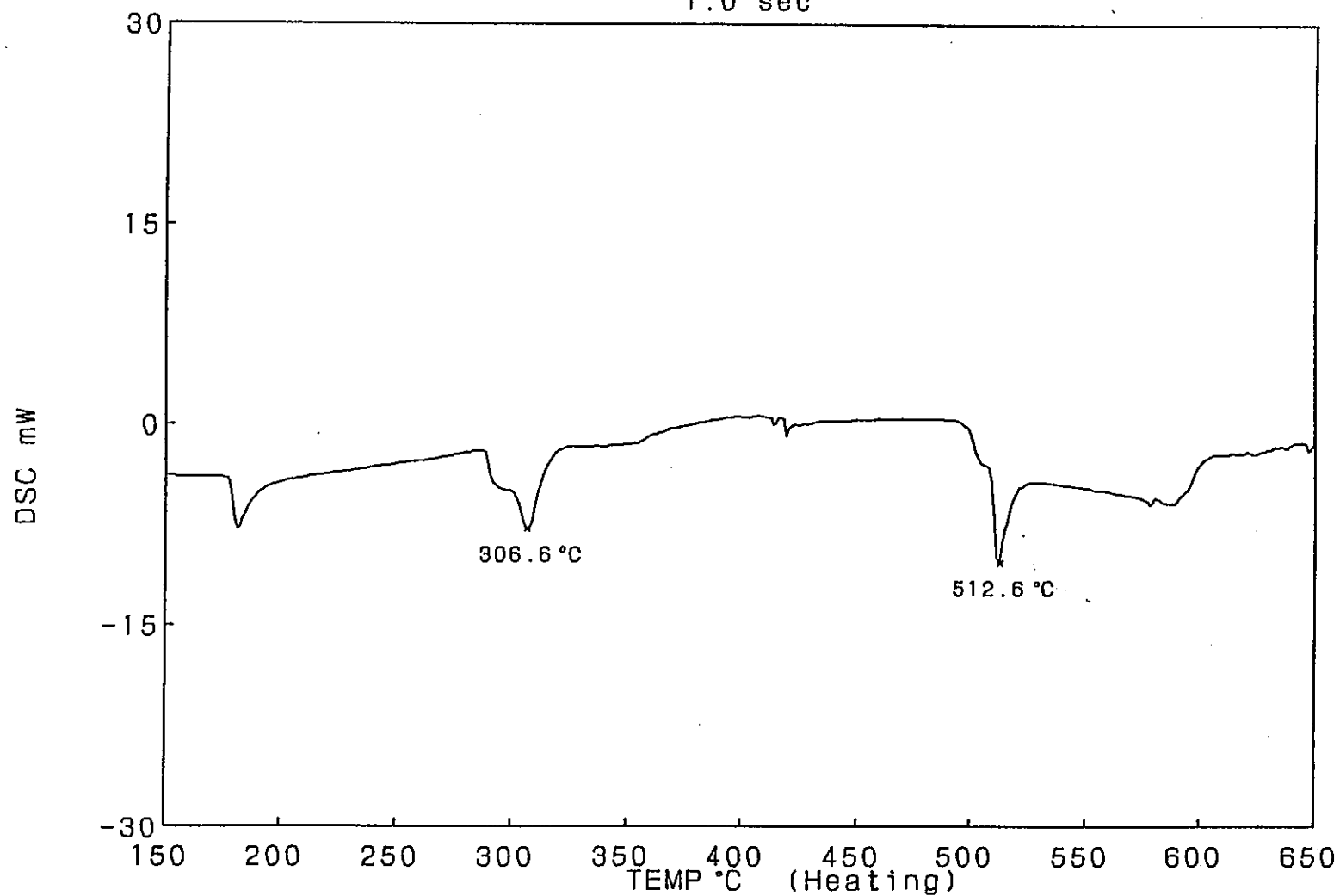
DSC測定チャート 29-2.① : No.29-2 (全域)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>		
No.29	90:10:0(mol)	1*	35.0- 740.0	10.00 0.00
9.976 mg	Na2O2 9.206mg	2*	740.0- 100.0	10.00 0.00
(9.976 mg)	Na2O 0.770mg	<Gas>		
<Reference>	NaOH 0.000mg	Ar 40.0 ml/min		
Ag	0.000 mg	<Sampling>		
		1.0 sec		



DSC測定チャート 29-2.② : No.29-2 (昇温域: 150~650°C)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>		
No.29	90:10:0(mol)	1*	35.0- 740.0	10.00 0.00
9.976 mg	Na2O2 9.206mg	2*	740.0- 100.0	10.00 0.00
(9.976 mg)	Na2O 0.770mg	<Gas>		
<Reference>	NaOH 0.000mg	Ar 40.0 ml/min		
Ag	Heating			
0.000 mg	<Sampling>			
	1.0 sec			



DSC測定チャート 29-2.③ : No.29-2 (降温域: 600~200℃)

<Sample>	<Comment>	<Temp.program[°C] [°C/min] [min]>		
No.29	90:10:0(mol)	1*	35.0- 740.0	10.00 0.00
9.976 mg	Na2O2 9.206mg	2*	740.0- 100.0	10.00 0.00
(9.976 mg)	Na2O 0.770mg	<Gas>		
<Reference>	NaOH 0.000mg	Ar 40.0 ml/min		
Ag	Cooling			
0.000 mg	<Sampling>			
	1.0 sec			

