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insulated shipping systems

Chilltherm[®] CTC2772 Test Summary

Thresholds +2°C to +8°C

Meditherm[®] M34.0

External System Dimensions	2197 x 1568 x 1592mmh <i>(including pallet)</i>
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Payload

Available Product Payload	1898 x 1270 x 1150mmh <i>(excluding pallet)</i>
Payload Volume	2772 Litres
Test Load (Maximum Load)	5328 x 3.0ml liquid filled syringe

System Weight

Total System Weight <i>(excluding payload weight)</i>	378 Kg <i>(including pallet)</i>
Volumetric Weight	914 Kg <i>(including pallet)</i>

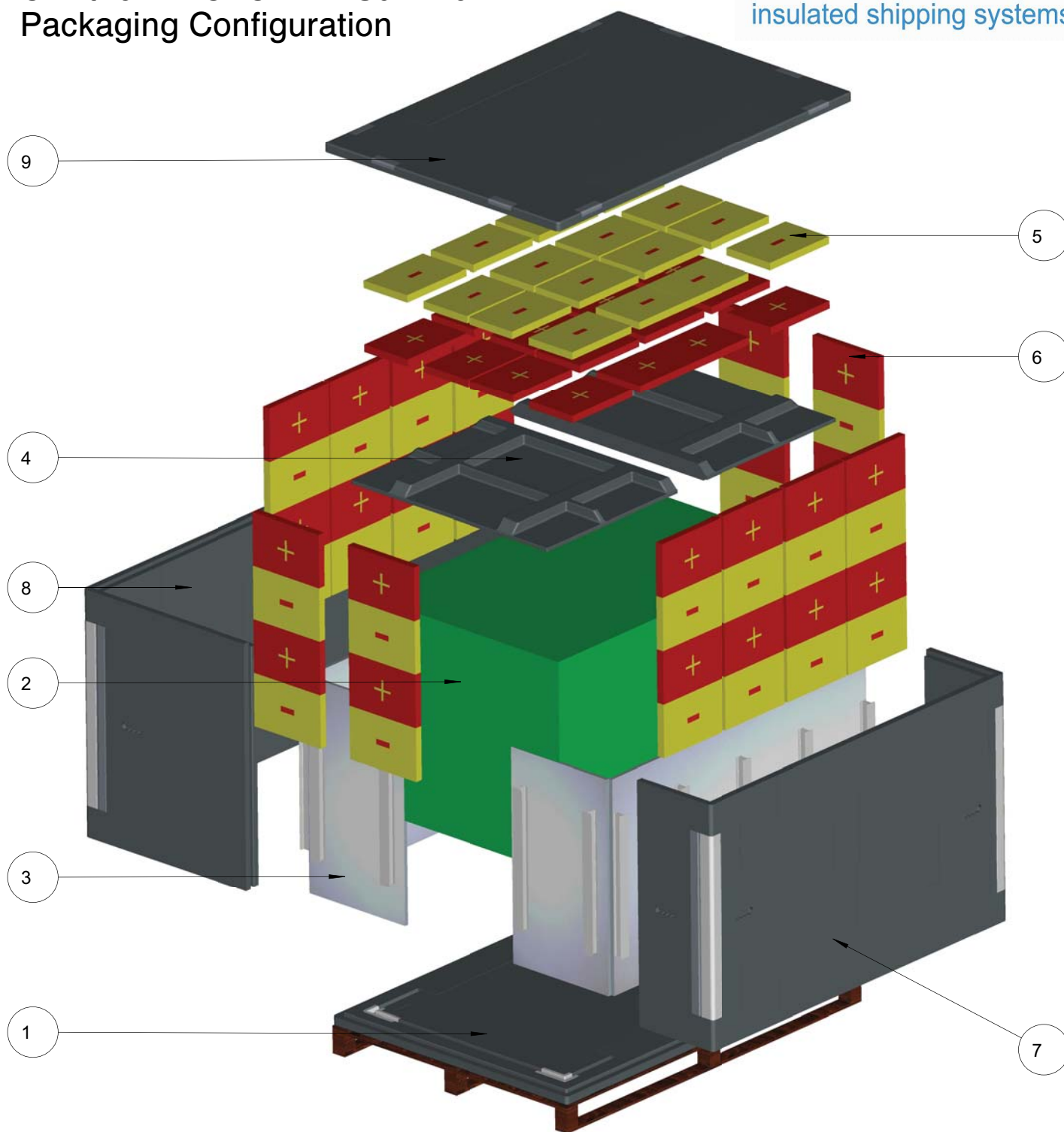
Thermal Performance

Test Number	Configuration	Product Load	Duration (hrs) +2°C to +8°C
T6936-02	Summer	Maximum	>107:40
T6936-20	Summer	Maximum	99:50
T6936-32	Winter	Maximum	107:20
T6936-41	Winter	Maximum	>120:00
T6936-44	Summer	Maximum	>120:00
T6936-50	Winter	Maximum	>120:00
T6936-59	Winter	Maximum	>120:00

This document summarises the test work performed for this system, please request the thermal performance qualification report for the complete study information.

PACKAGING DIAGRAM

Chilltherm® CTC2772 Summer Packaging Configuration

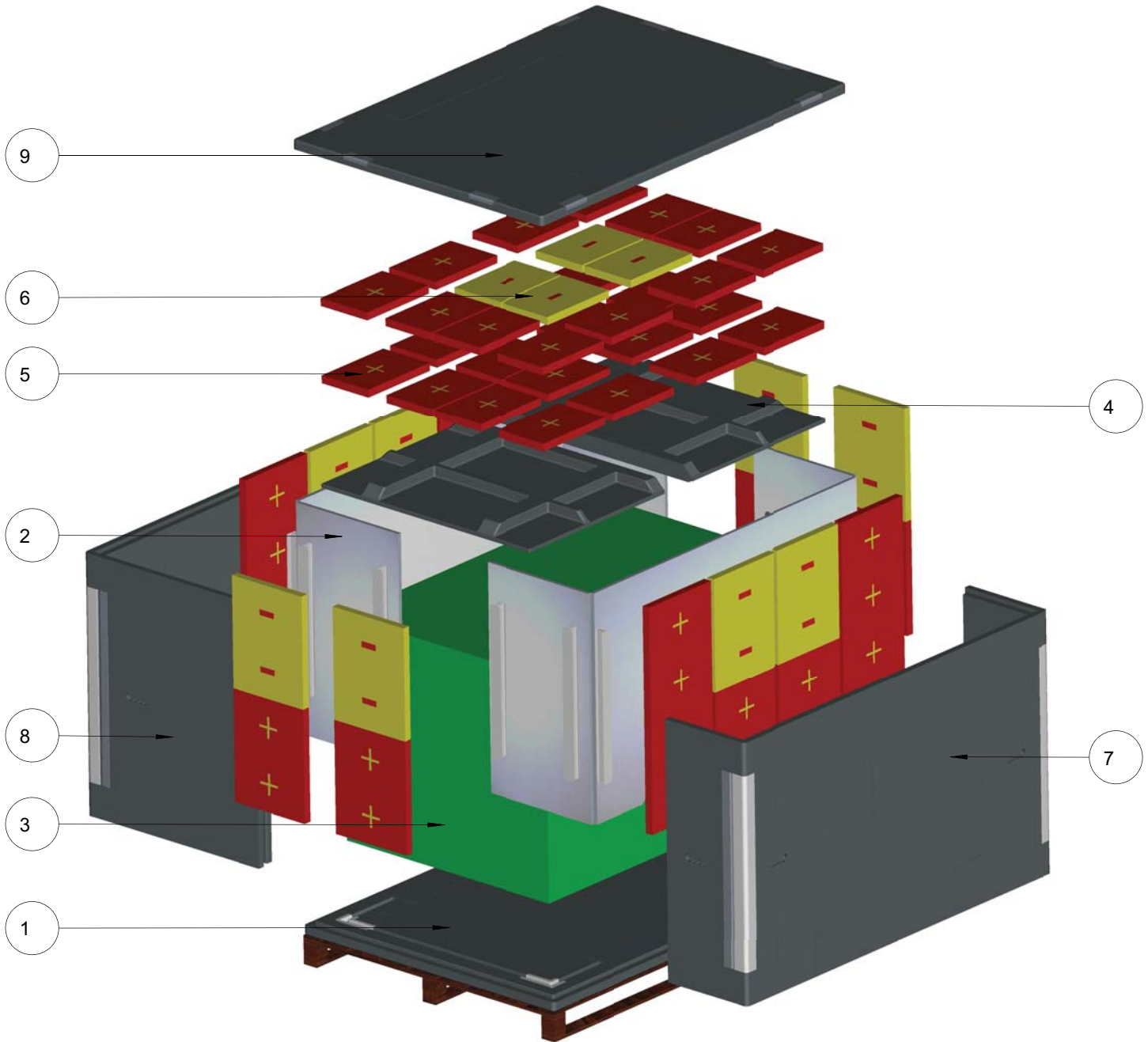


SCALE 1:20

	DESCRIPTION	QUANTITY	TEMPERATURE
1	Meditherm 34.0 Base Panel and pallet Assembly	1	22°C ± 5°C
2	Payload 1898x1270x1150mm	1	5°C ± 3°C
3	Meditherm 34.0 Internal Wall	2	22°C ± 5°C
4	Meditherm 34.0 Internal Lid	2	22°C ± 5°C
5	MediTray MT3T -18°C	40	-18°C ± 5°C
6	MediTray MT3T +5°C	40	5°C ± 3°C
7	Meditherm 34.0 Outer Wall A Assembly	1	22°C ± 5°C
8	Meditherm 34.0 Outer Wall B Assembly	1	22°C ± 5°C
9	Meditherm 34.0 Outer Lid Assembly	1	22°C ± 5°C

PACKAGING DIAGRAM

Chilltherm® CTC2772 Winter Packaging Configuration



SCALE 1:20

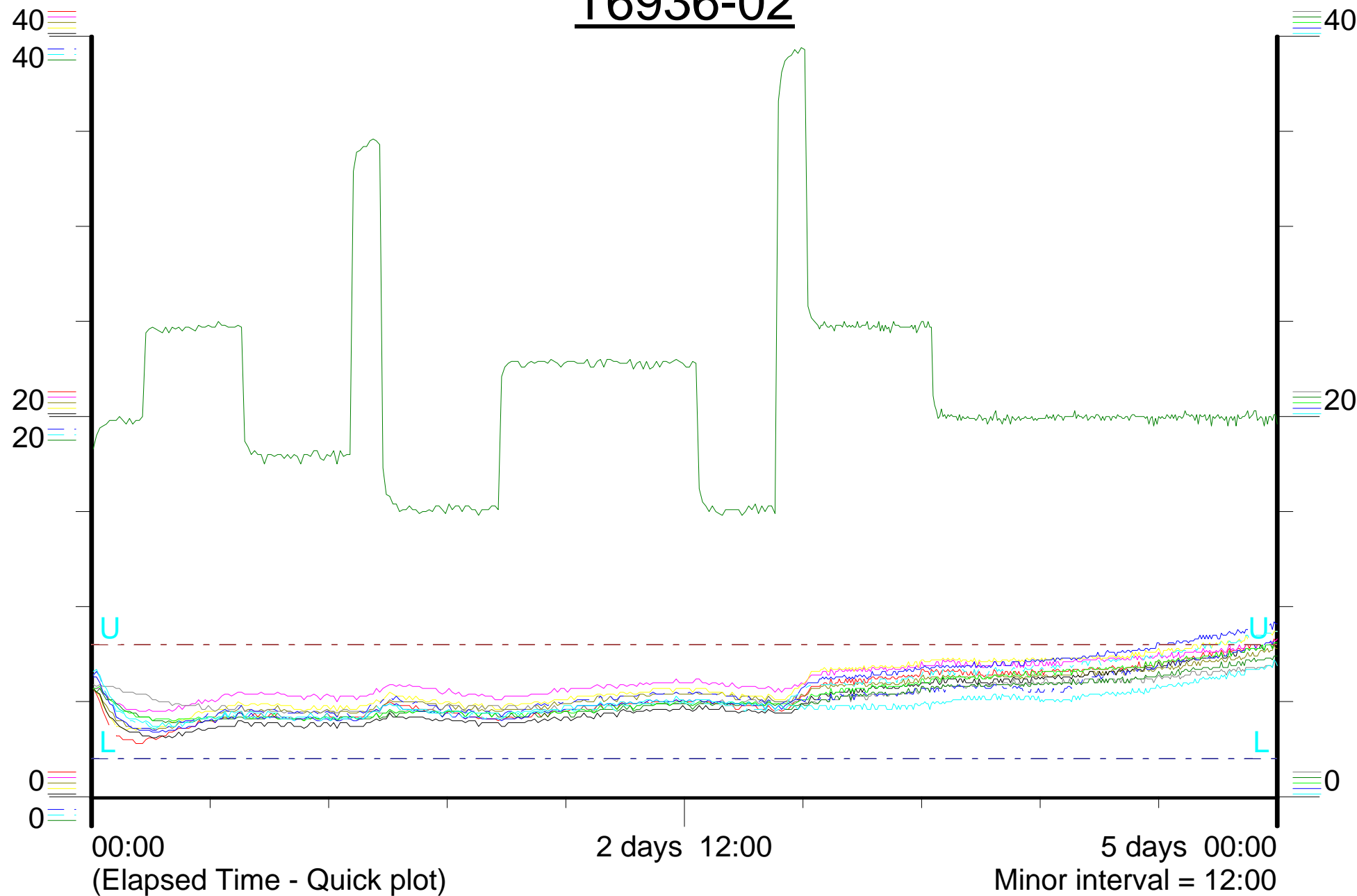
	DESCRIPTION	QUANTITY	TEMPERATURE
1	Meditherm 34.0 Base Panel and pallet Assembly	1	22°C ±5°C
2	Meditherm 34.0 Internal Wall	2	22°C ±5°C
3	Payload 1898x1270x1150mm	1	5°C ±3°C
4	Meditherm 34.0 Internal Lid	2	22°C ±5°C
5	MediTray MT3T +5°C	60	5°C ±3°C
6	MediTray MT3T -18°C	20	-18°C ±5°C
7	Meditherm 34.0 Outer Wall A Assembly	1	22°C ±5°C
8	Meditherm 34.0 Outer Wall B Assembly	1	22°C ±5°C
9	Meditherm 34.0 Outer Lid Assembly	1	22°C ±5°C

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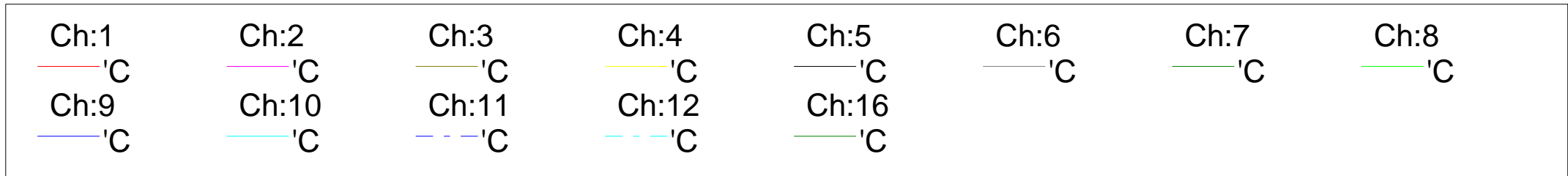
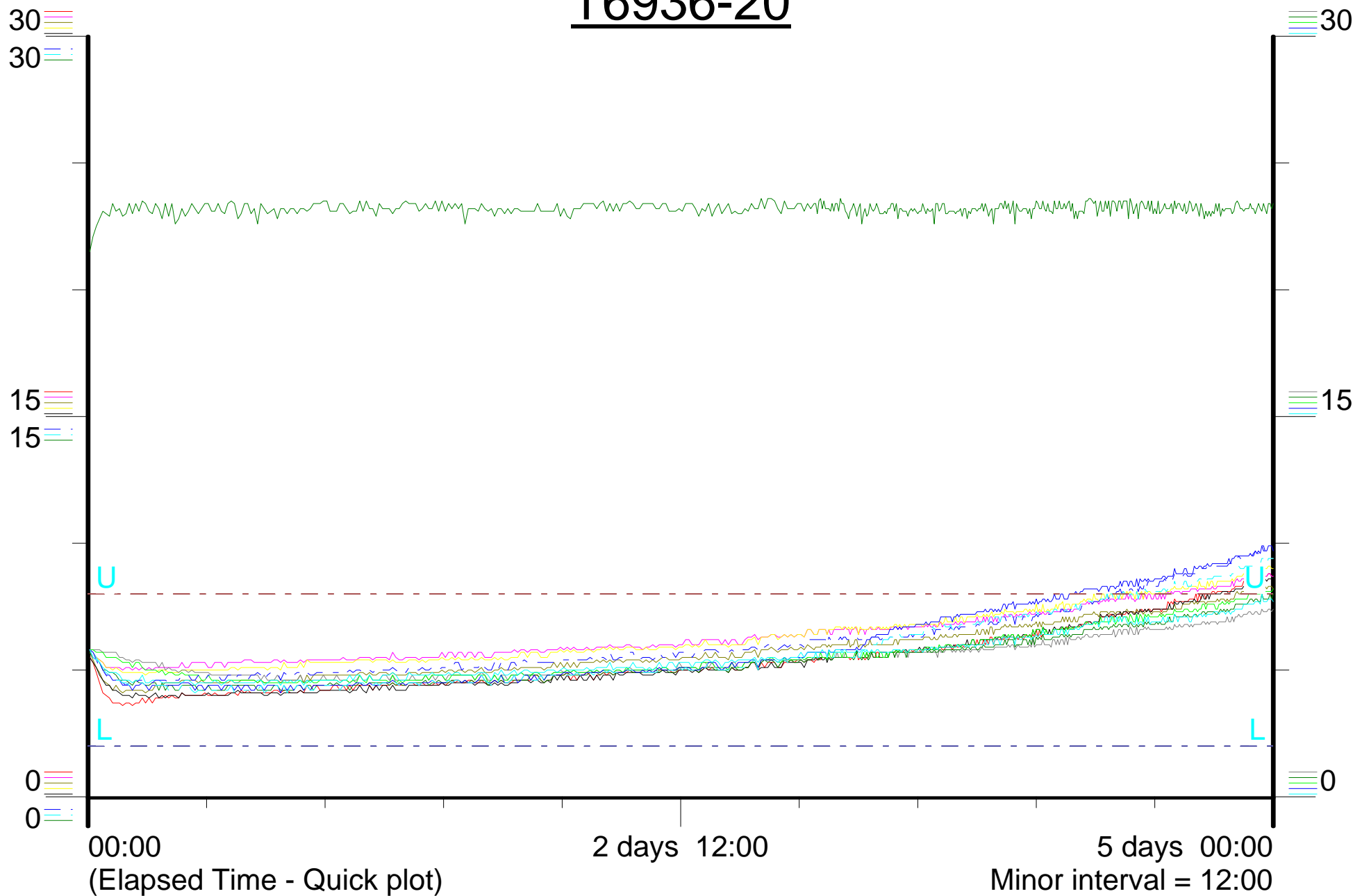
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T6936-02

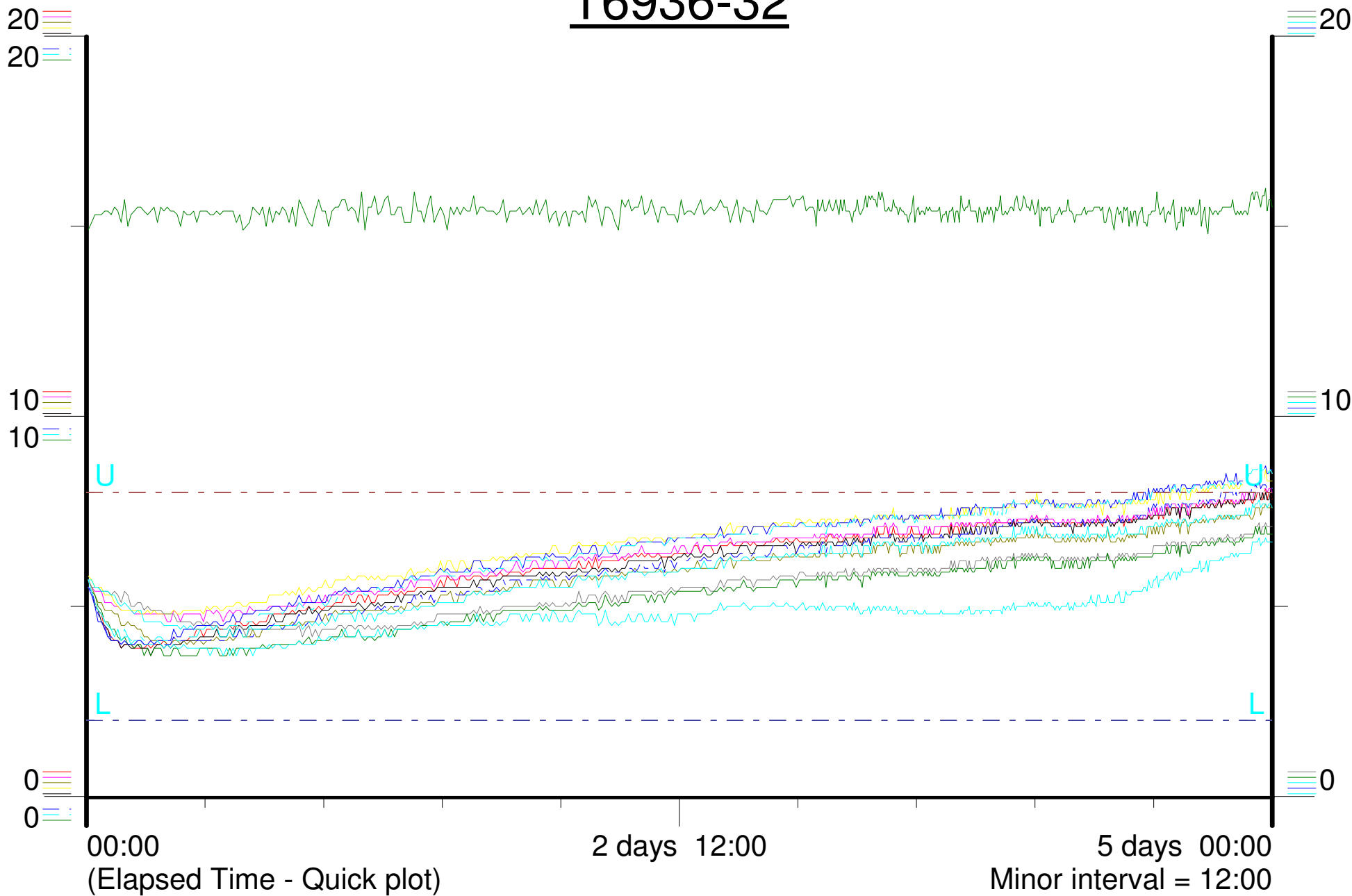


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Ch:9	Ch:10	Ch:11	Ch:12	Ch:16			
— 'C	— 'C	- - 'C	- - 'C	— 'C			

T6936-20

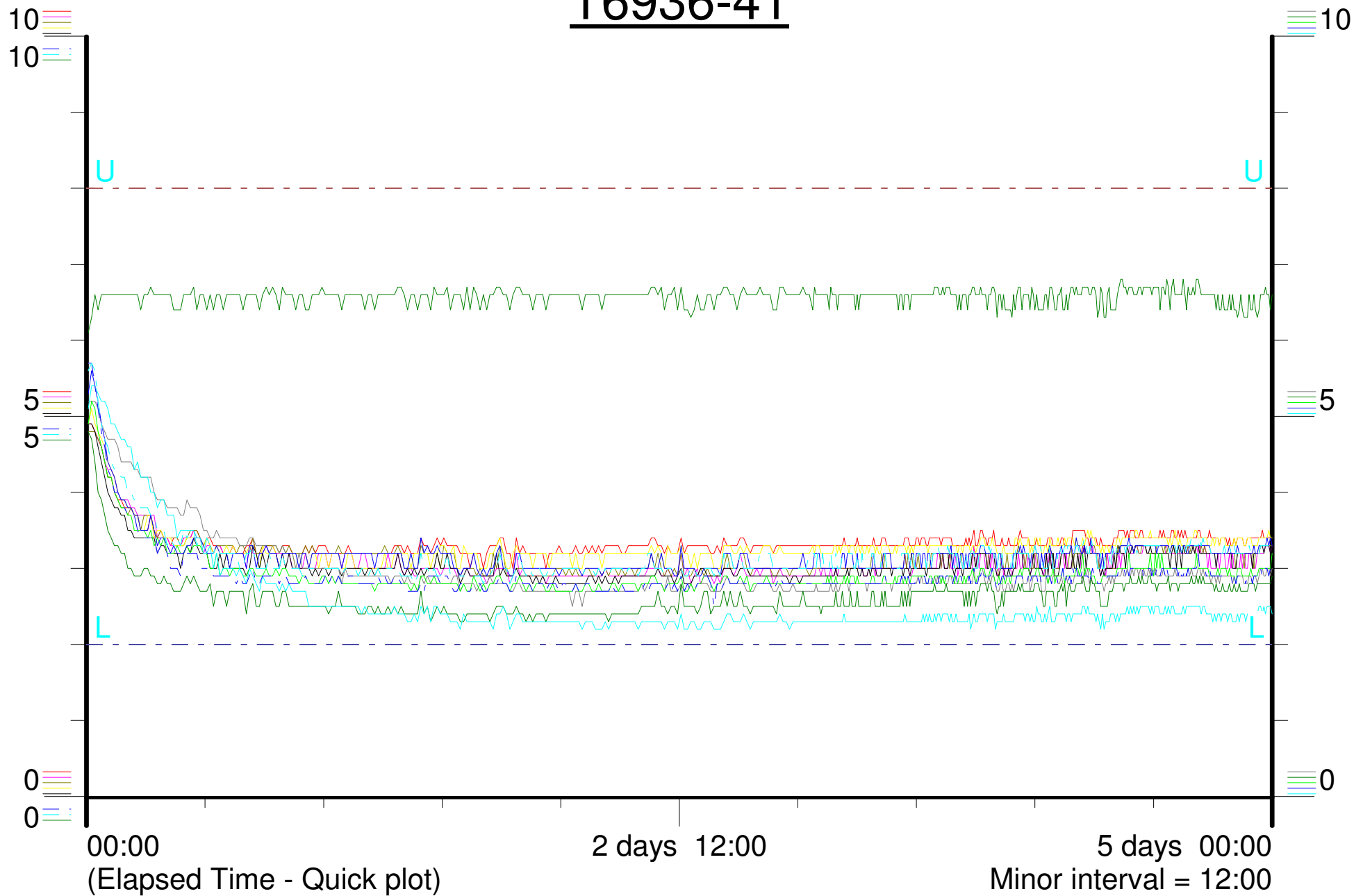


T6936-32



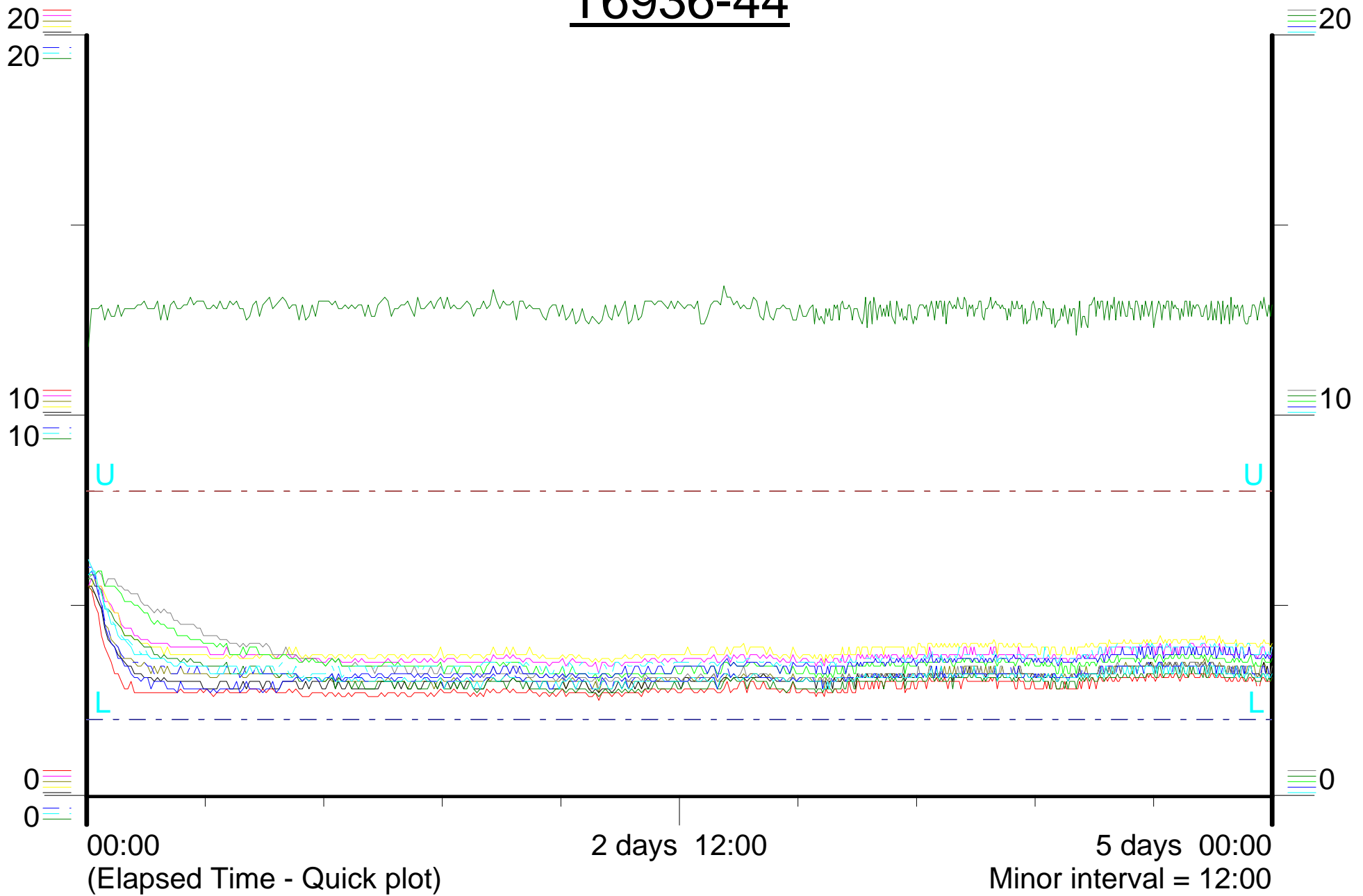
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T6936-41



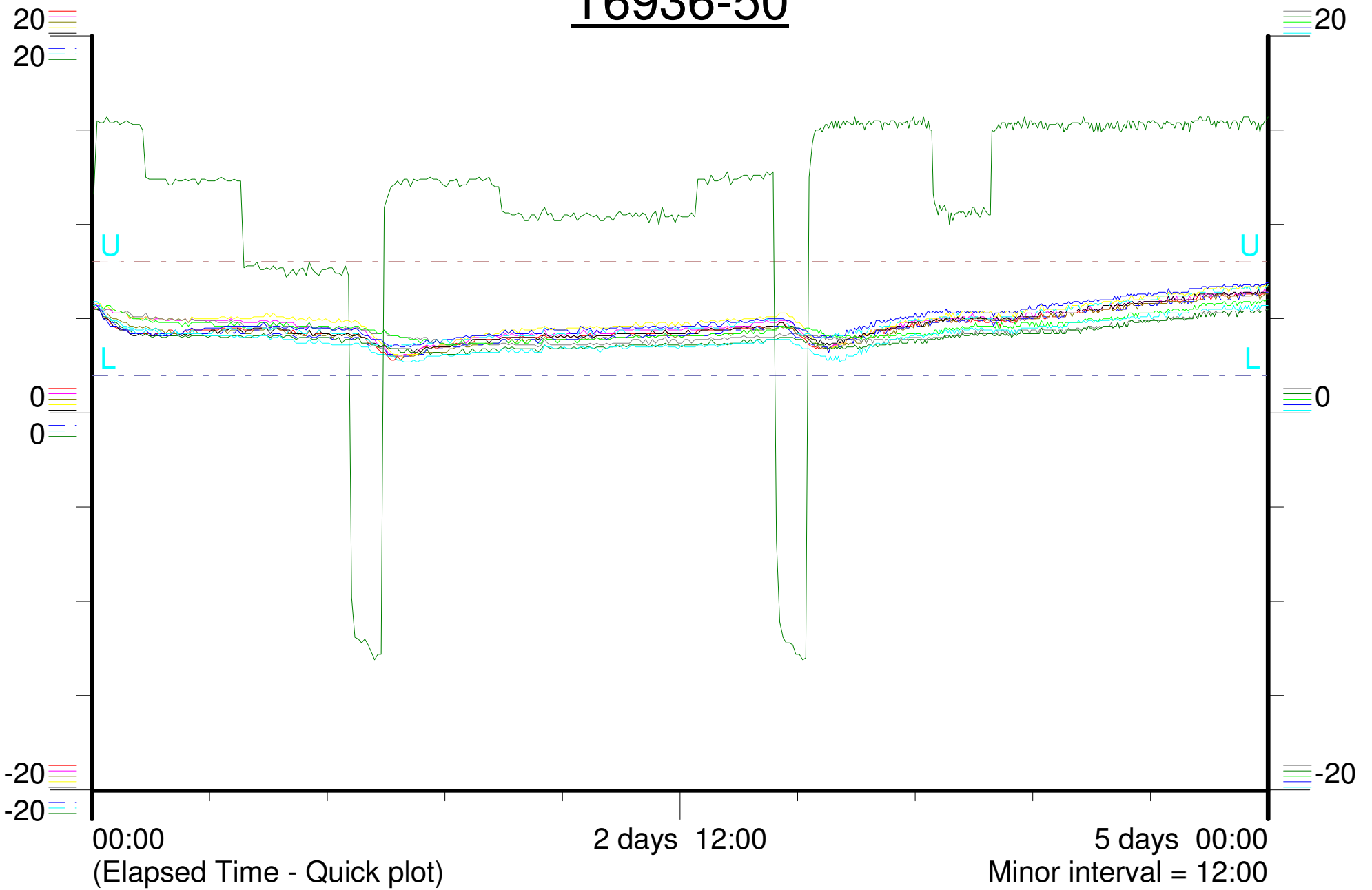
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T6936-44



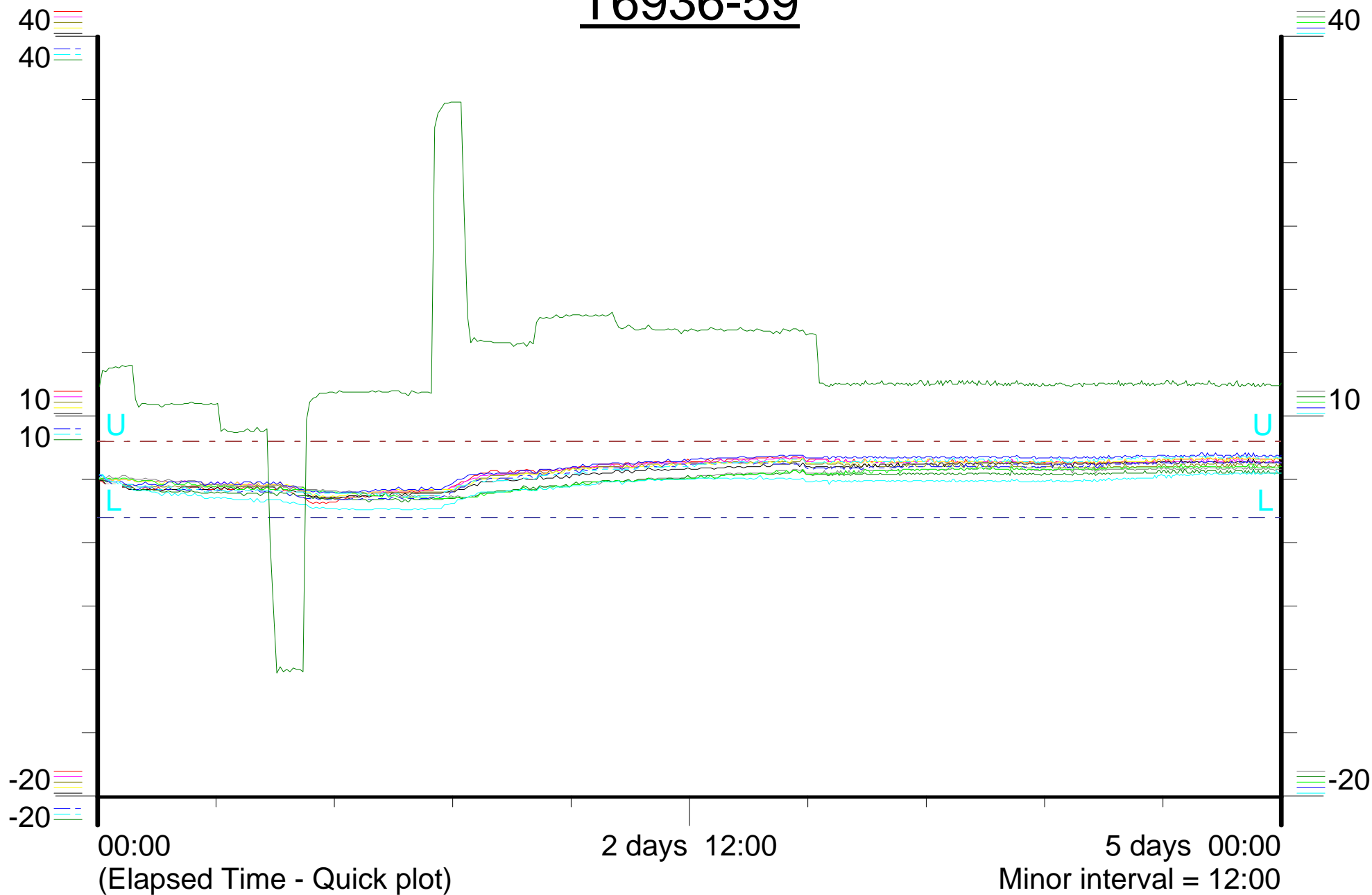
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Ch:9 — 'C	Ch:10 — 'C	Ch:11 - - 'C	Ch:12 - - - 'C	Ch:16 — 'C			

T6936-50



Ch:1	Ch:2	Ch:3	Ch:4	Ch:5	Ch:6	Ch:7	Ch:8
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Ch:9	Ch:10	Ch:11	Ch:12	Ch:16			
—'C	—'C	—'C	—'C	—'C			

T6936-59



Ch:1 — 'C	Ch:2 — 'C	Ch:3 — 'C	Ch:4 — 'C	Ch:5 — 'C	Ch:6 — 'C	Ch:7 — 'C	Ch:8 — 'C
Ch:9 — 'C	Ch:10 — 'C	Ch:11 — 'C	Ch:12 — 'C	Ch:16 — 'C			