

2019-06-21 06:02	2	9570.00	Synthetic Based Mud	9.7	51	N/A	N/A	71/29	Active Pit	41000	0.00
2019-06-22 07:08	3	12002.00	Synthetic Based Mud	9.9	65	N/A	N/A	71/29	Active Pit	37000	0.00
2019-06-23 12:29	4	13635.00	Synthetic Based Mud	9.8	54	N/A	N/A	71/29	Active Pit	40000	0.00
2019-06-24 07:45	4	14451.00	Synthetic Based Mud	9.8	47	N/A	N/A	70/30	Active Pit	40000	0.00

Equipment and Service Data

Run No.	Tool	Serial Number	Measurement	Sensor Offset (ft)	Bit Offset (ft)	Max O.D. (in)	Min I.D. (in)
2	AutoTrak Curve Steering Unit	14856336	Near Bit Inclination	5.93	6.76	7.000	4.330
2	AutoTrak Curve Steering Unit	14856336	Near Bit VSS	5.93	6.76	7.000	4.330
2	AutoTrak Curve MWD	14381973	Gamma (single)	2.20	12.37	7.000	3.250
2	AutoTrak Curve MWD	14381973	Directional (mag)	12.27	22.44	7.000	3.250
3	AutoTrak Curve Steering Unit	14856336	Near Bit Inclination	5.93	6.75	7.000	4.330
3	AutoTrak Curve Steering Unit	14856336	Near Bit VSS	5.93	6.75	7.000	4.330
3	AutoTrak Curve MWD	14381973	Gamma (single)	2.20	12.36	7.000	3.250
3	AutoTrak Curve MWD	14381973	Directional (mag)	12.27	22.43	7.000	3.250
4	AutoTrak Curve Steering Unit	14236913	Near Bit Inclination	5.93	6.75	7.000	4.330
4	AutoTrak Curve Steering Unit	14236913	Near Bit VSS	5.93	6.75	7.000	4.330
4	AutoTrak Curve MWD	11732446	Gamma (single)	2.20	12.38	7.000	3.250
4	AutoTrak Curve MWD	11732446	Directional (mag)	12.27	22.45	7.000	3.250

Service and Tool Mnemonics

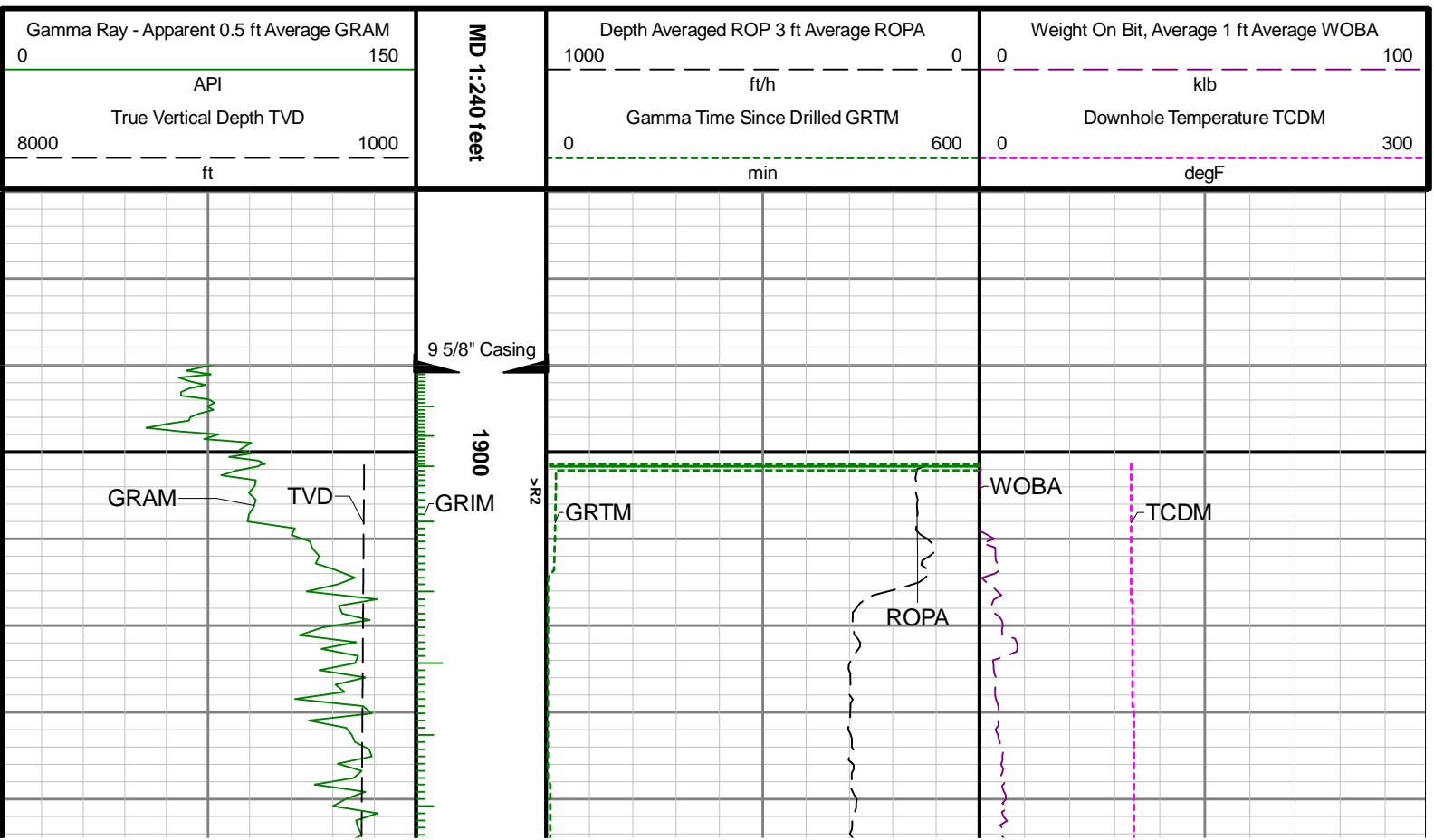
Mnemonic	Name	Description
ATC SU	AutoTrak Curve SU	Auto Trak Curve Steering Unit
ATC MWD	AutoTrak Curve MWD	Auto Trak Curve MWD
ATC LCPM	AutoTrak Curve LCPM	Auto Trak Curve LCPM

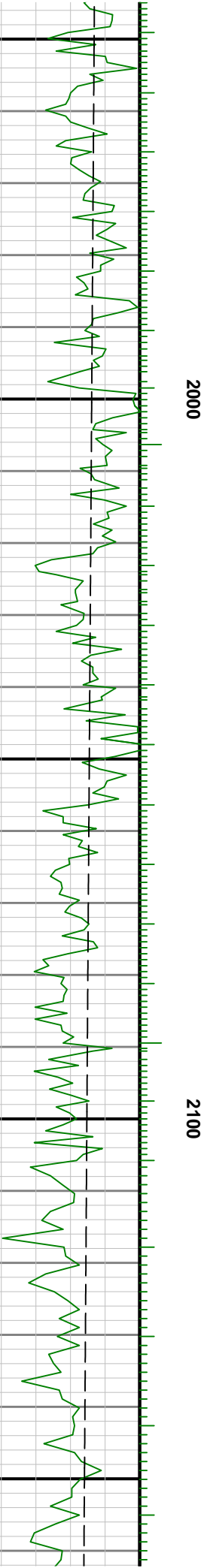
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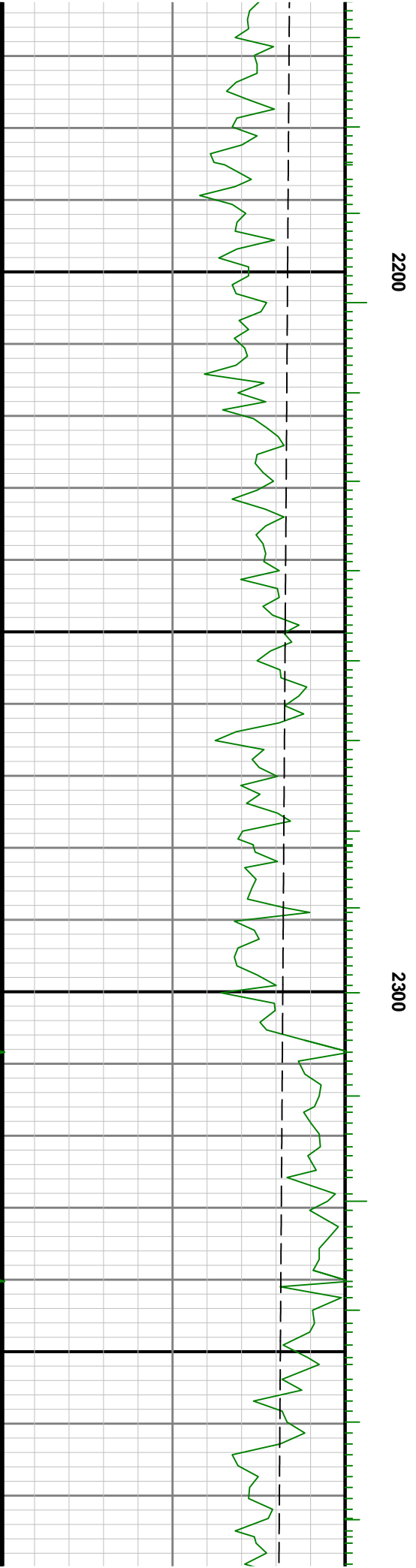
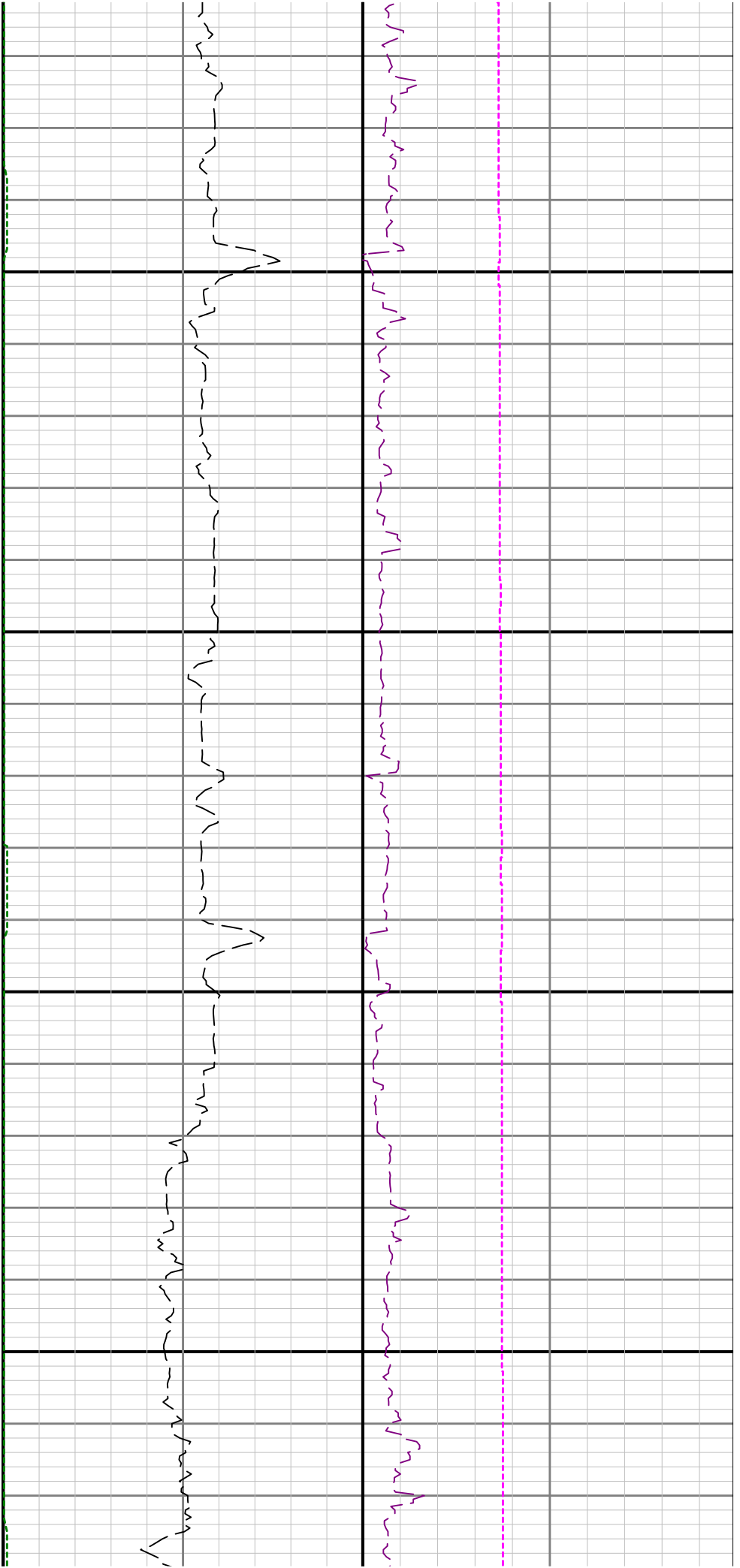
- Depth measurements were obtained from a depth control system not supplied or operated by Baker Hughes. Due to lack of control by Baker Hughes logging engineers, depth calibrations and measurements could not be independently verified.
- Baker Hughes Runs 2, 3 and 4 utilized 6 3/4 inch Navigamma services (Gamma Ray and Directional) to log the interval from 1901 to 15363 feet MD (1873 to 6449 feet TVD).

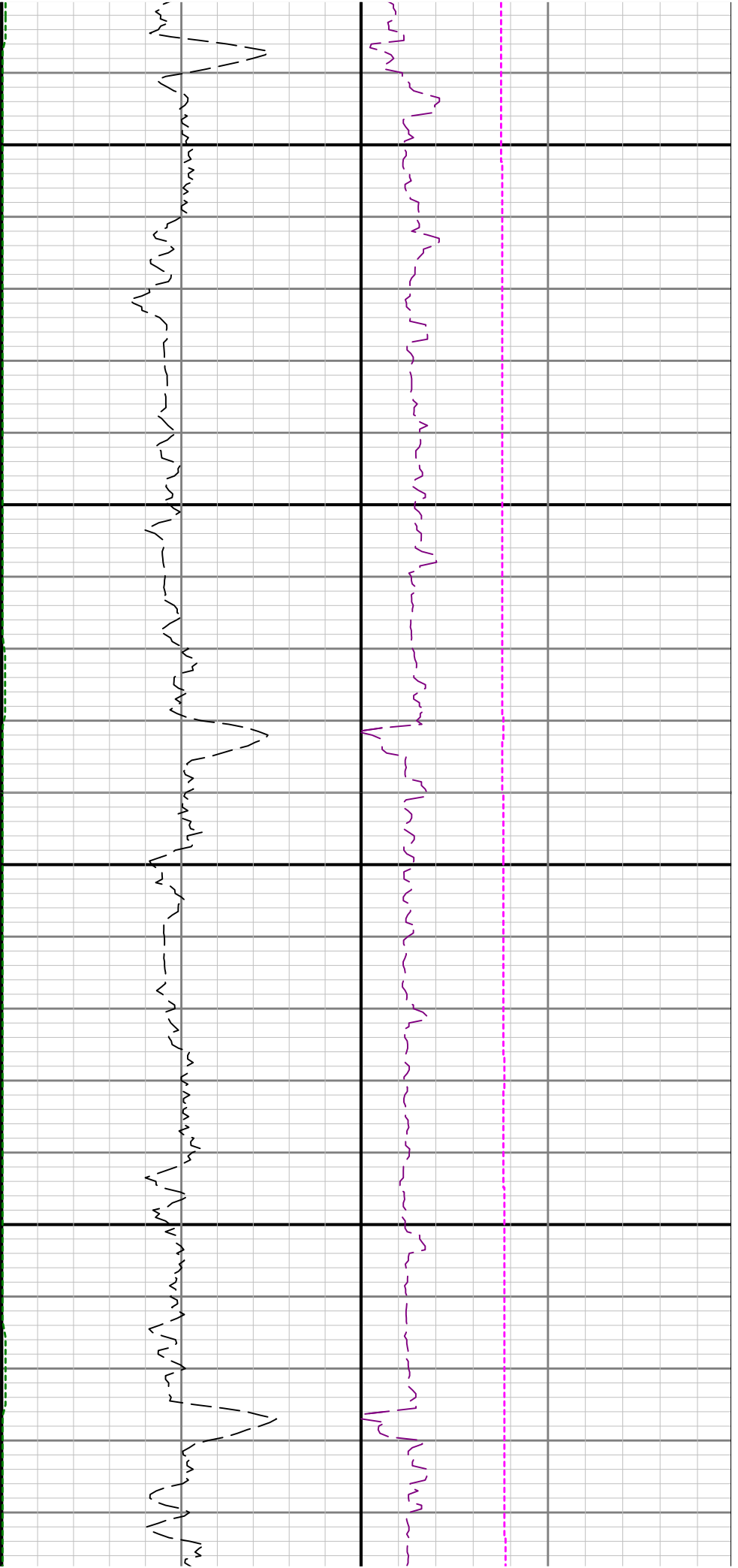
Remarks

Number	Depth (ft)	Hole Section (in)	Run No.	Remark
1	15350.00	8.500	4	The interval from 15350 to 15363 feet MD (6449 feet TVD) was not logged due to sensor to bit offset at Section TD.



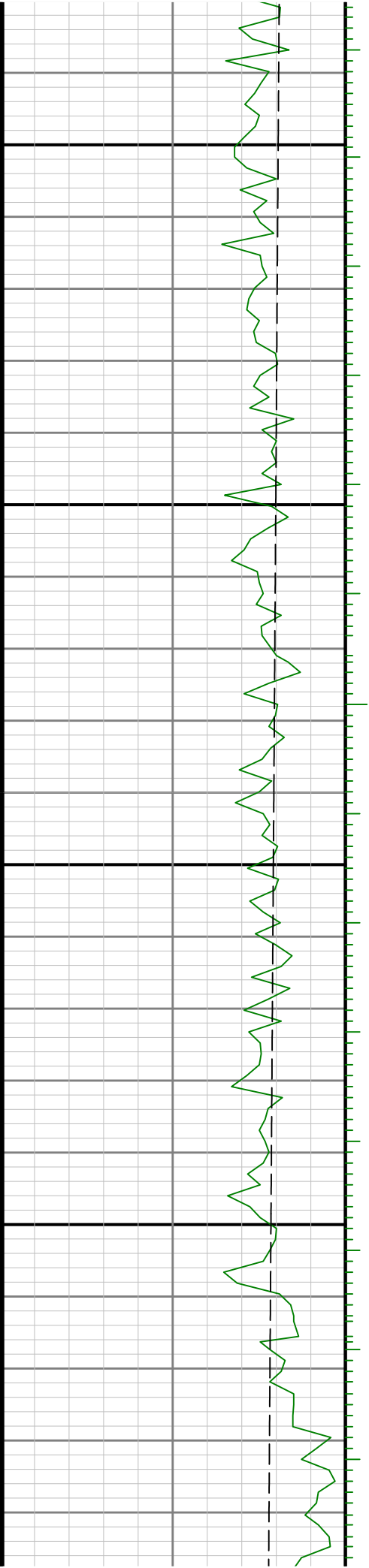


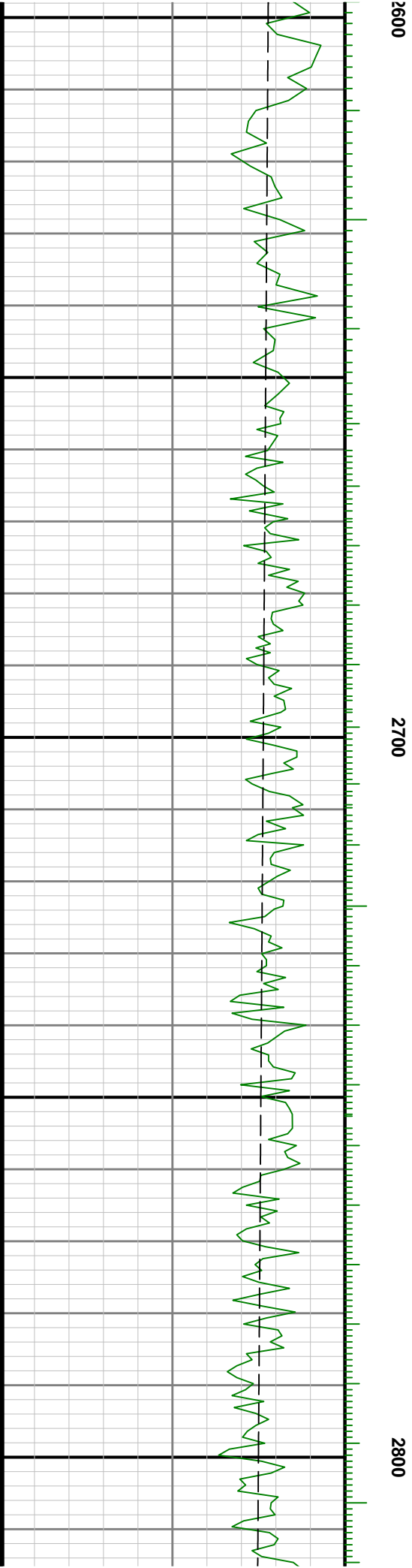


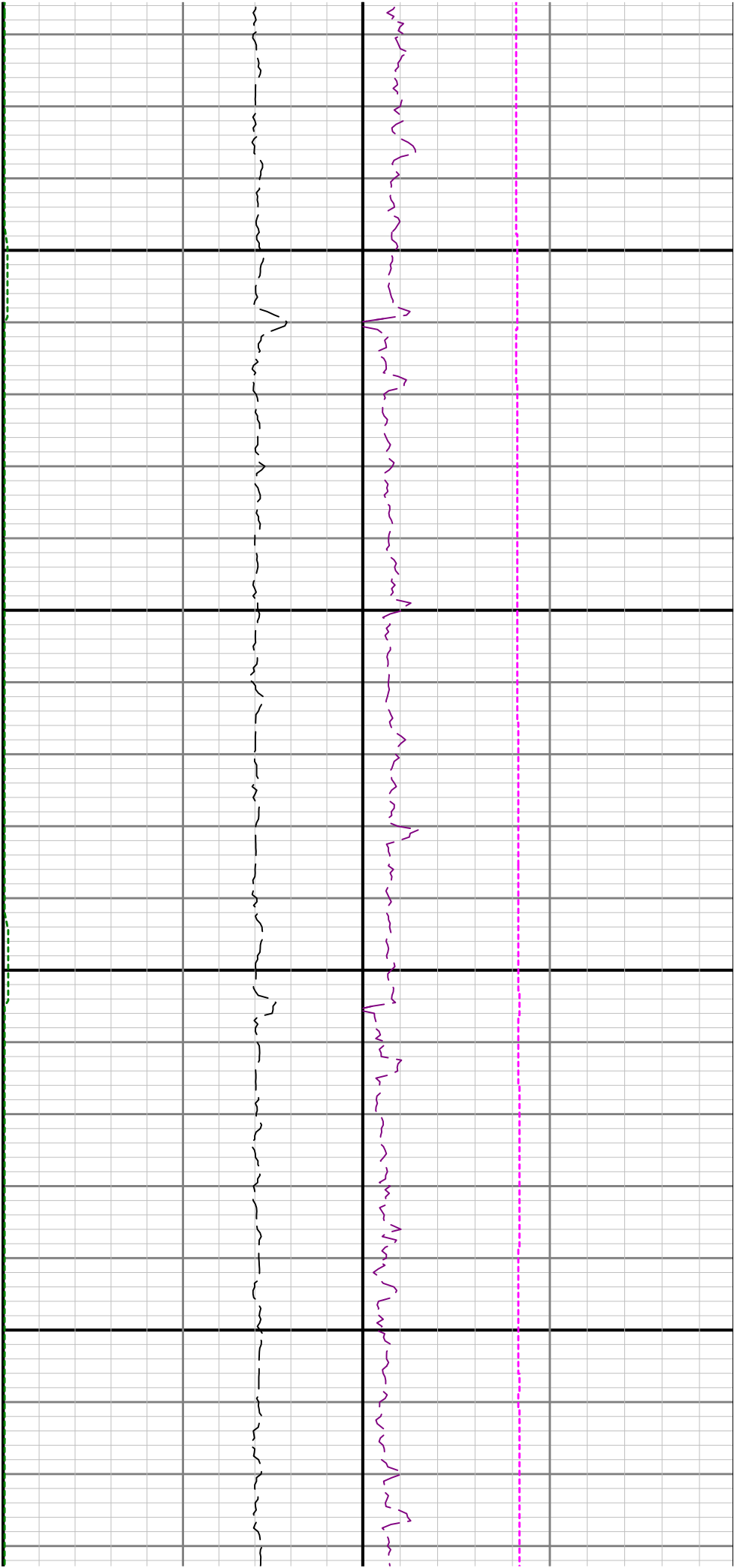


2400

2500

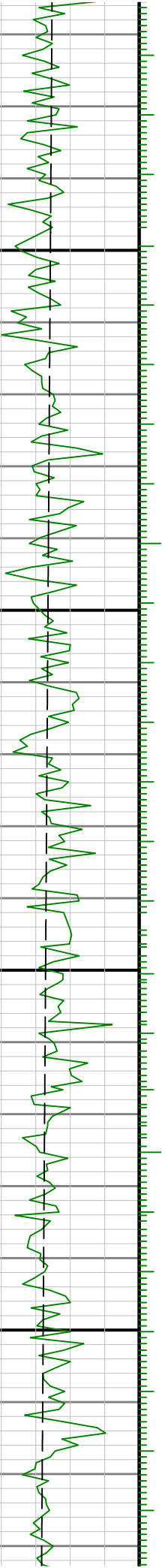


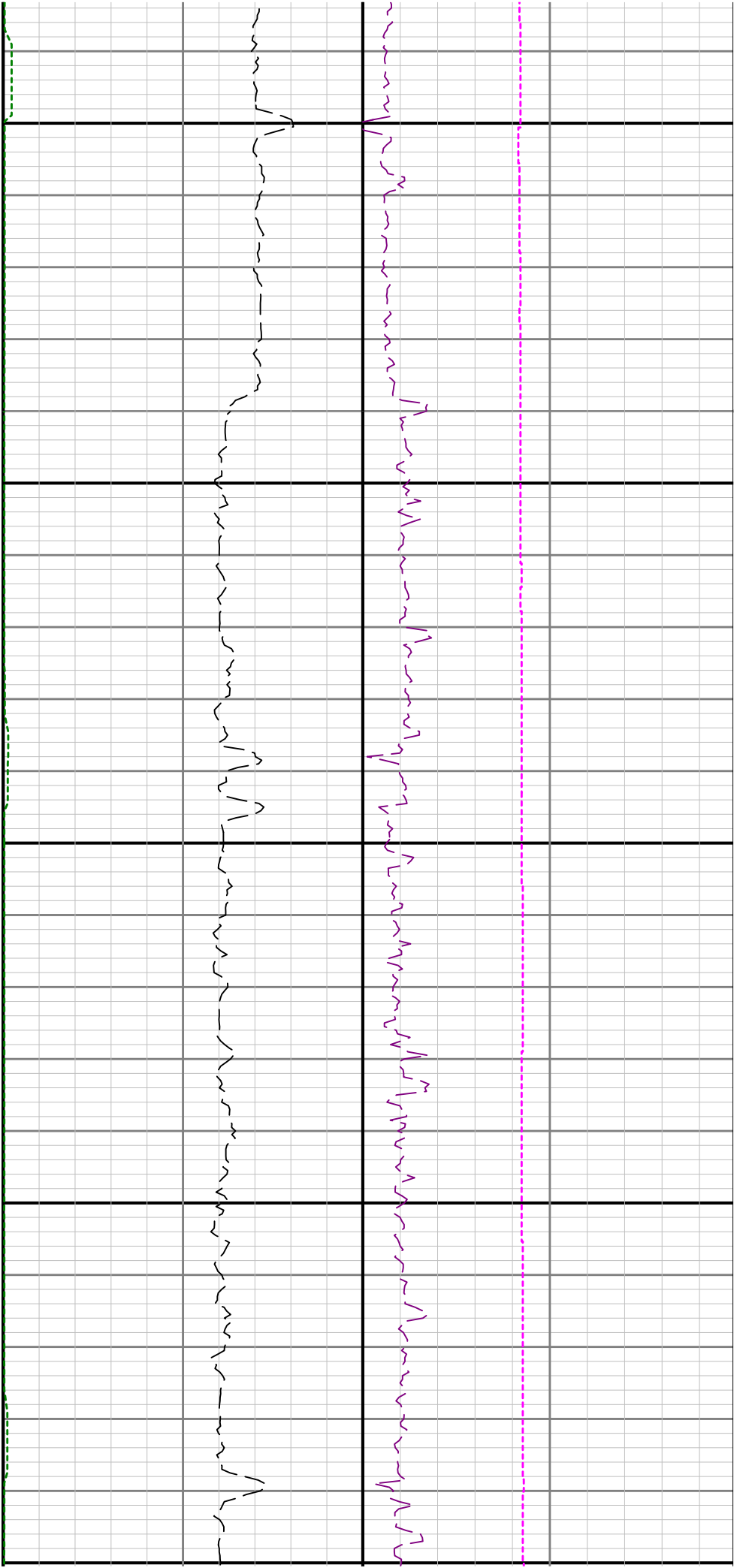




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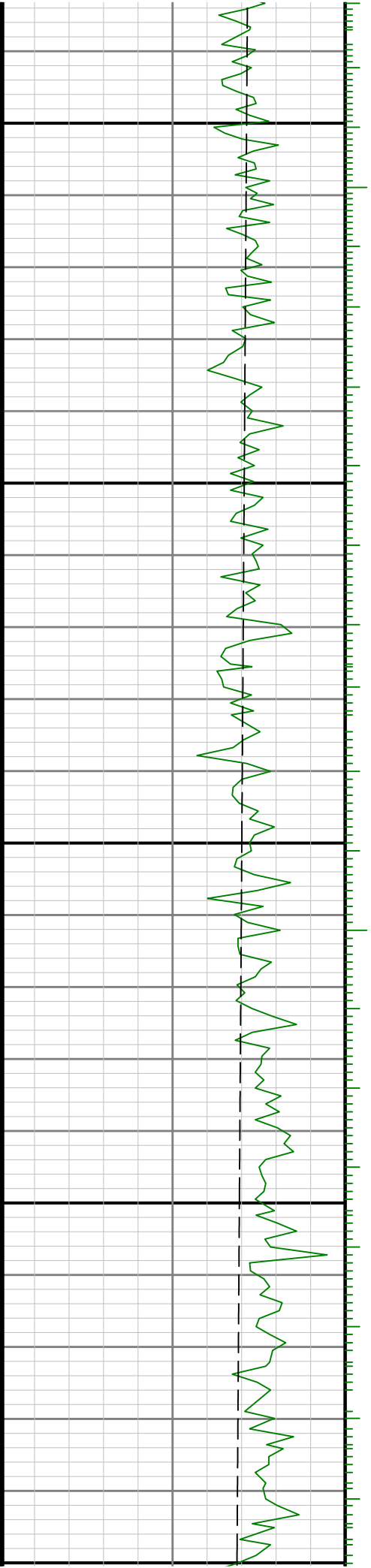
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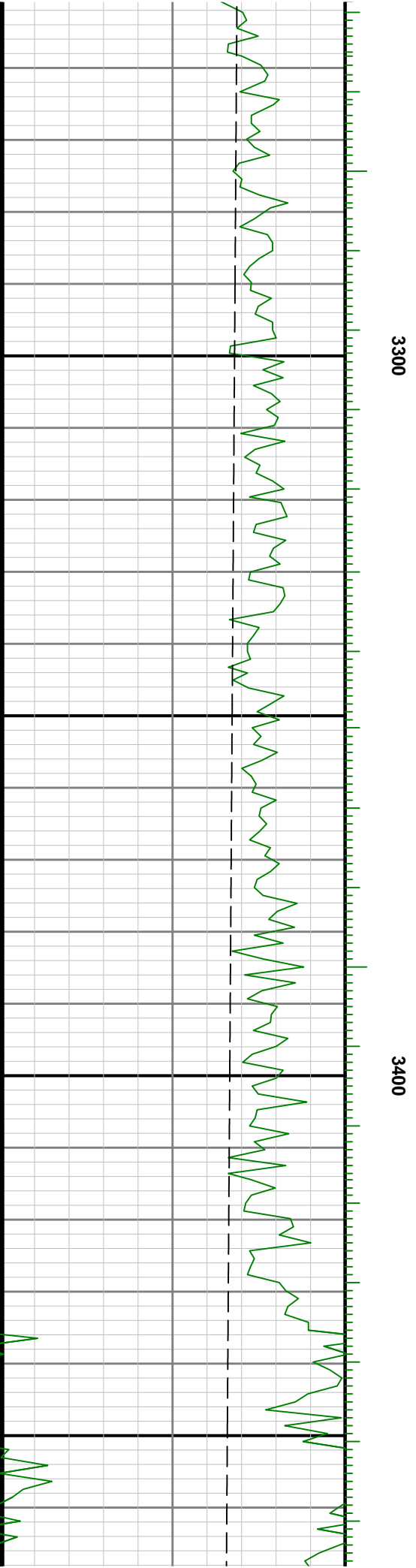
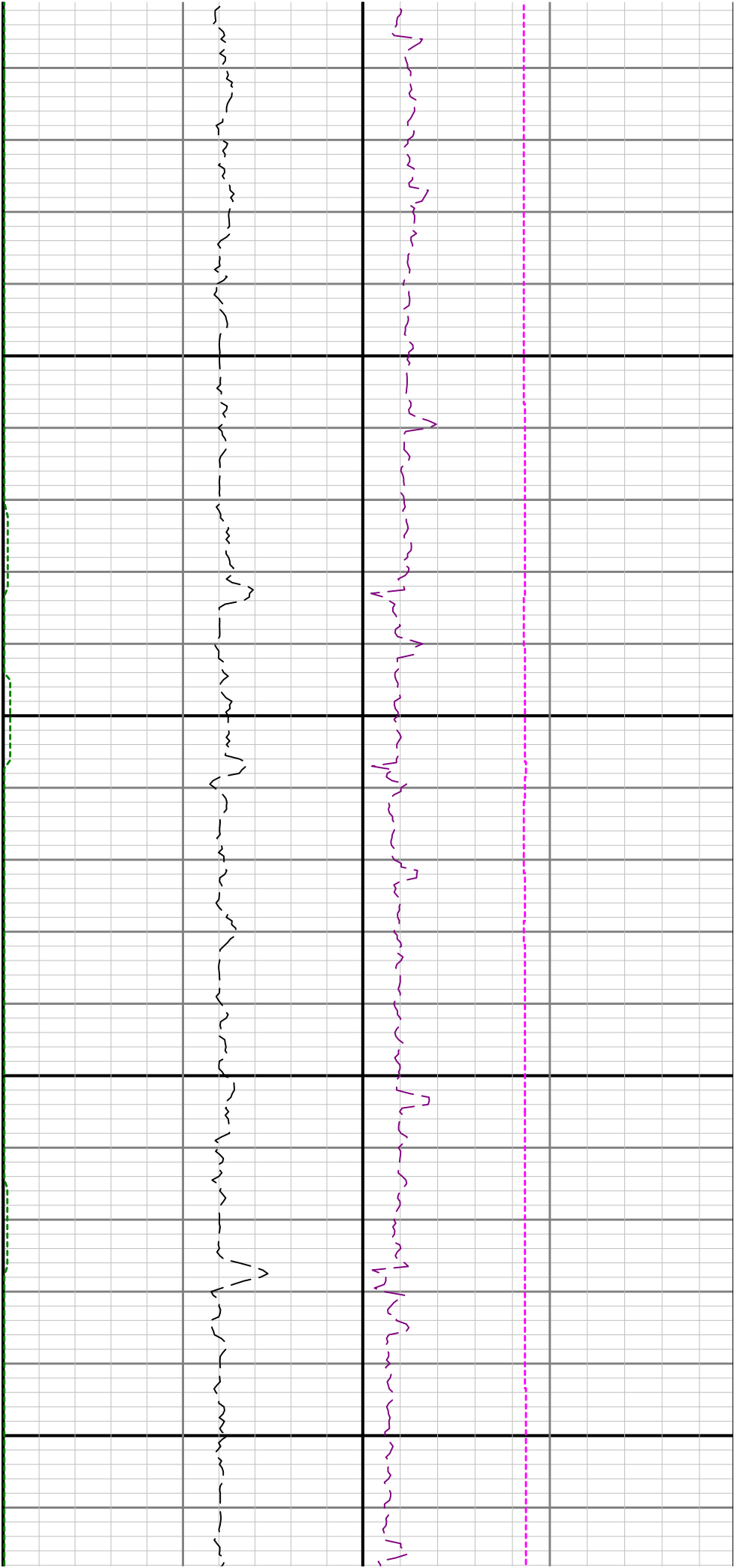


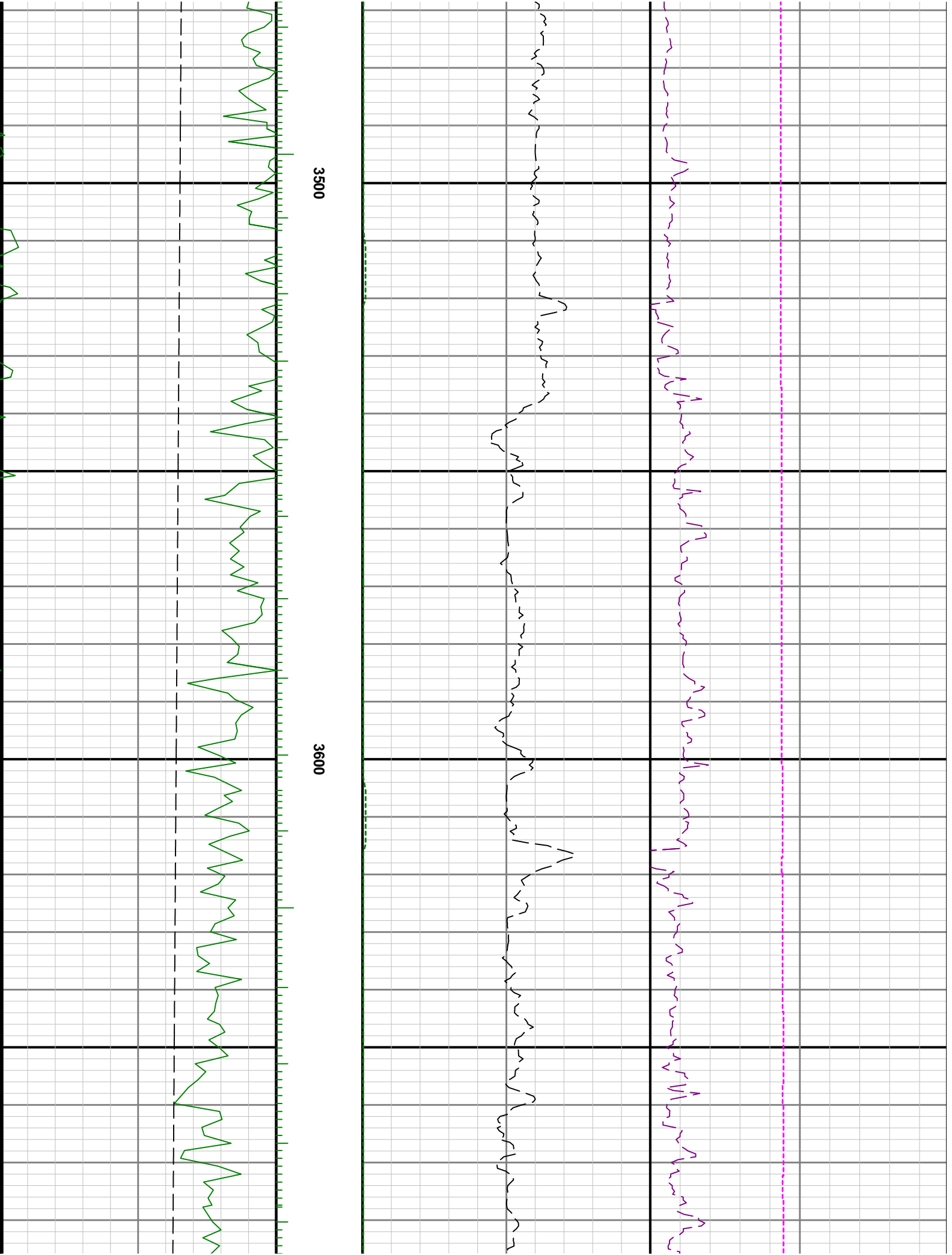


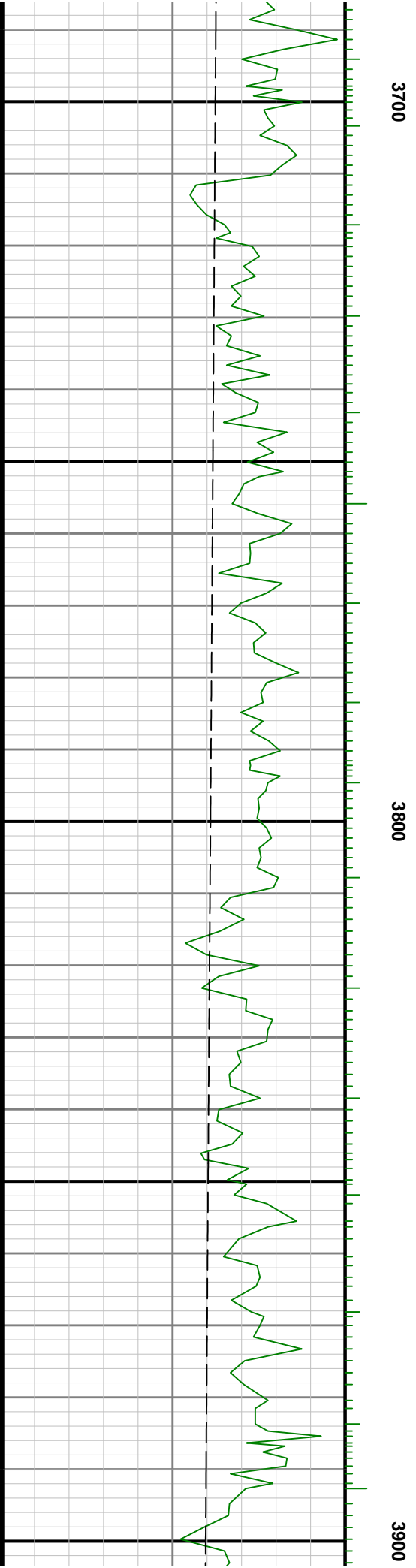
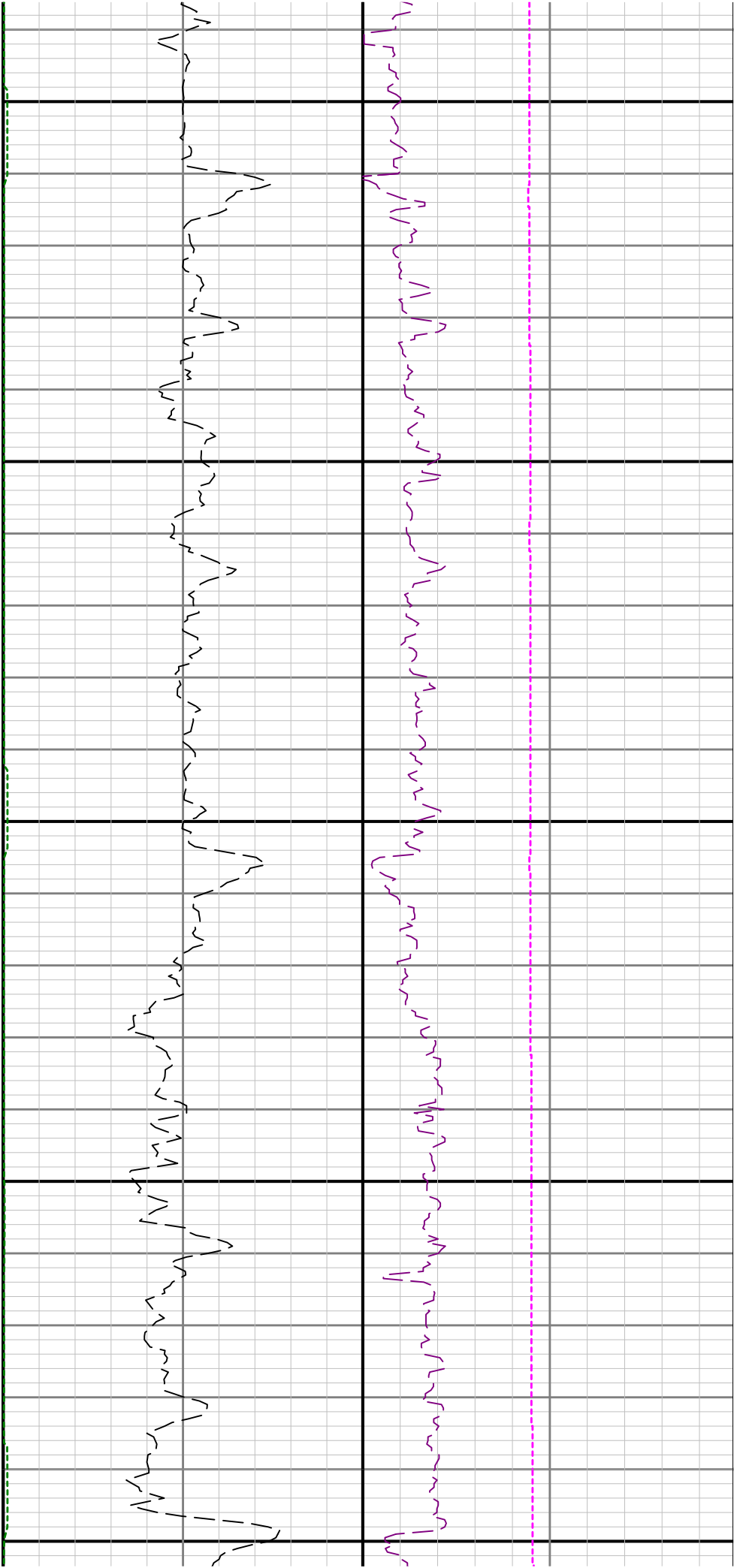
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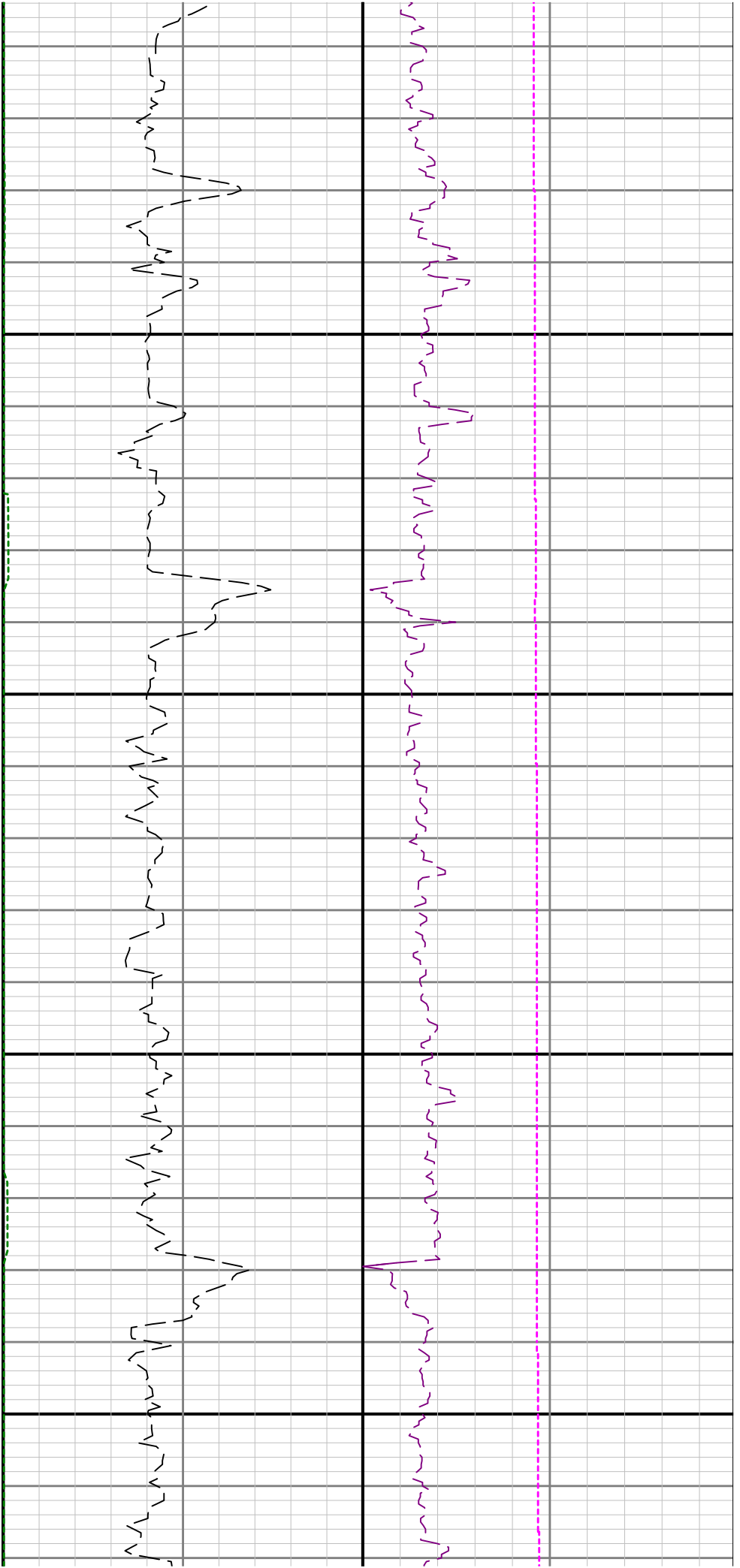
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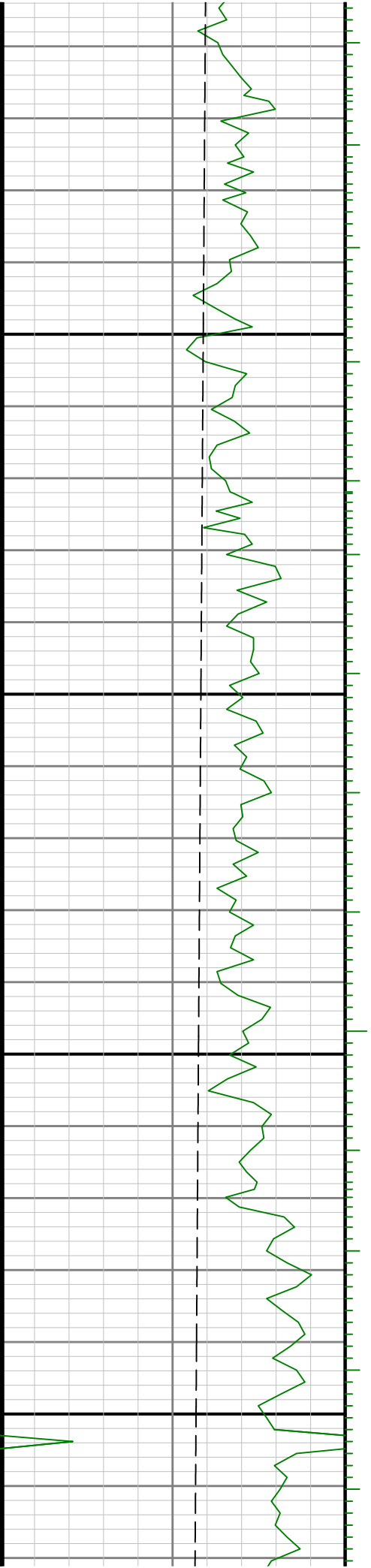


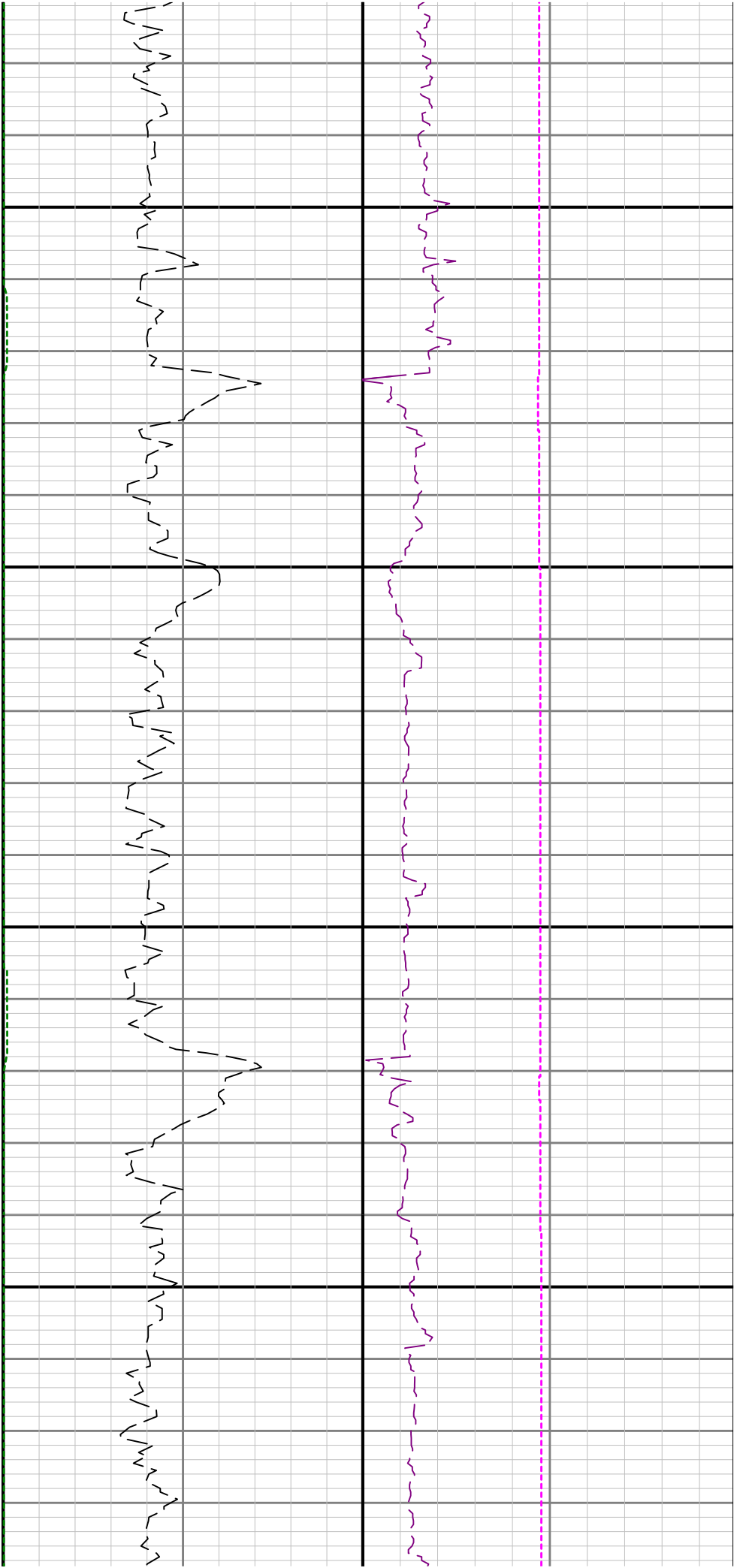




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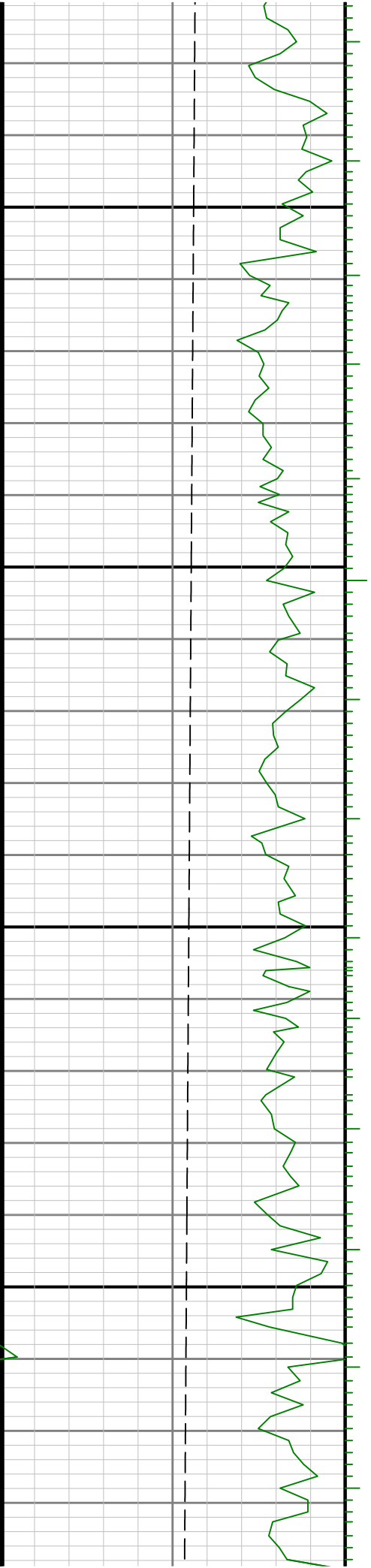
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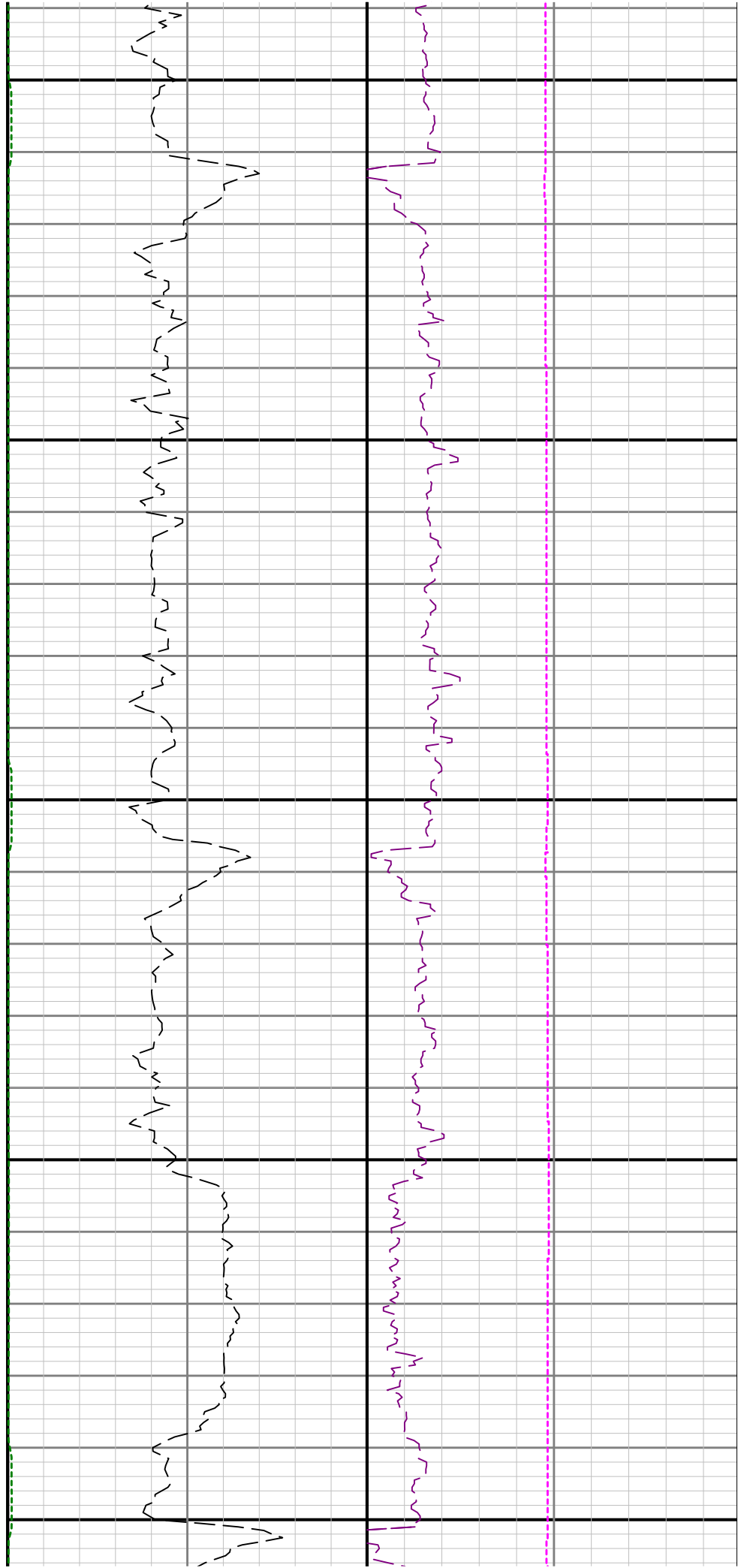




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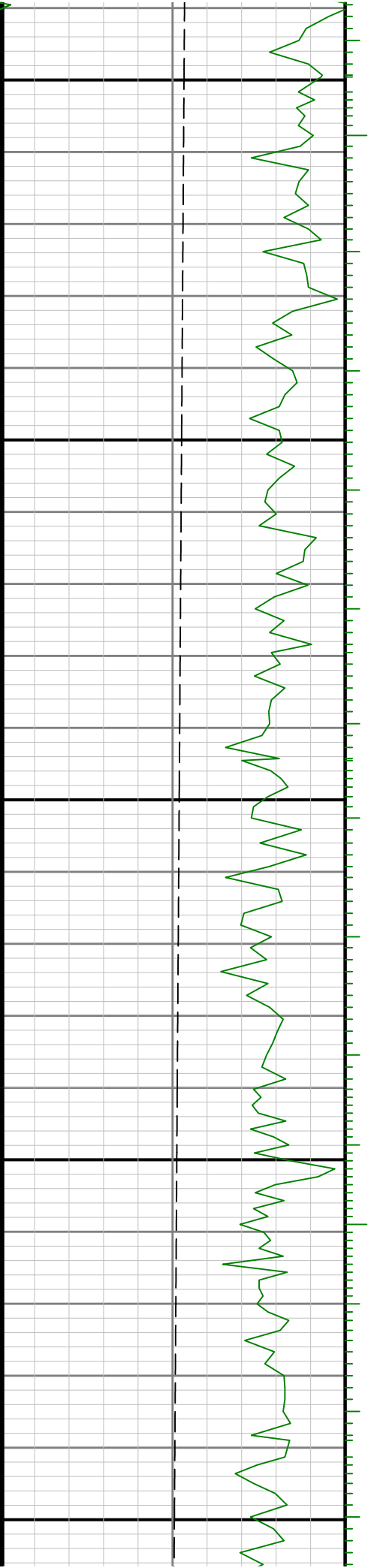
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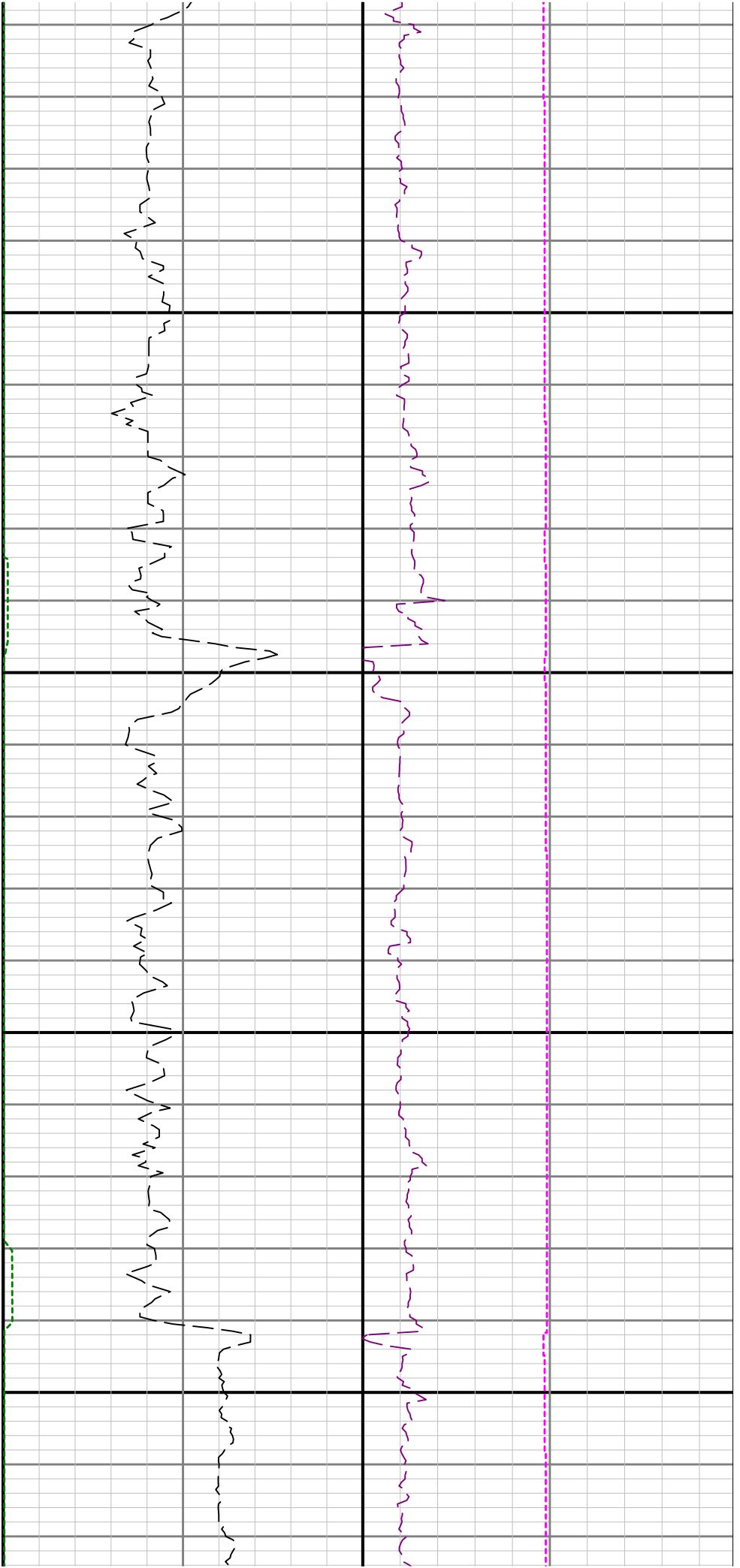




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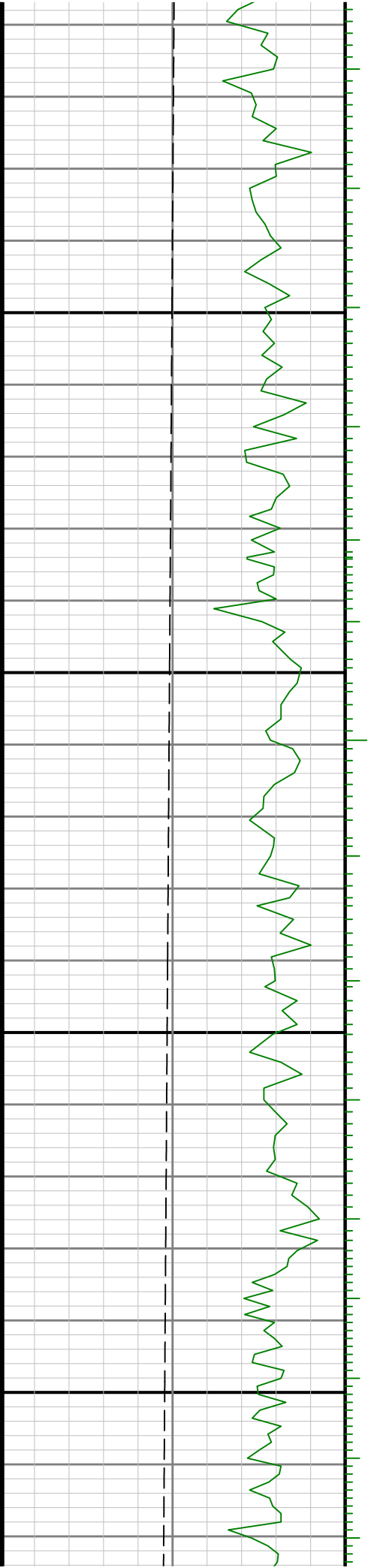
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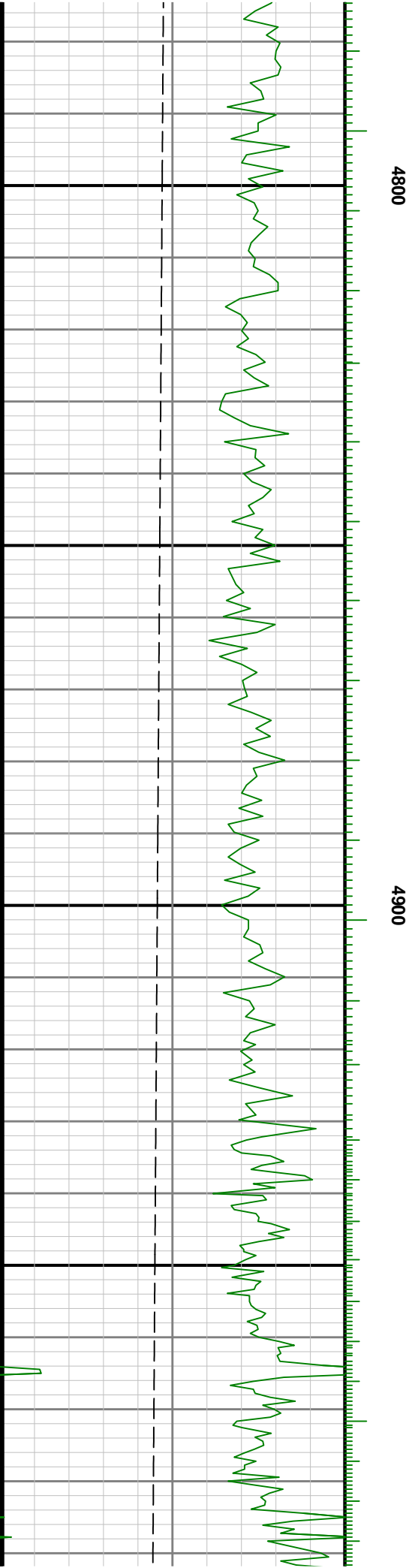


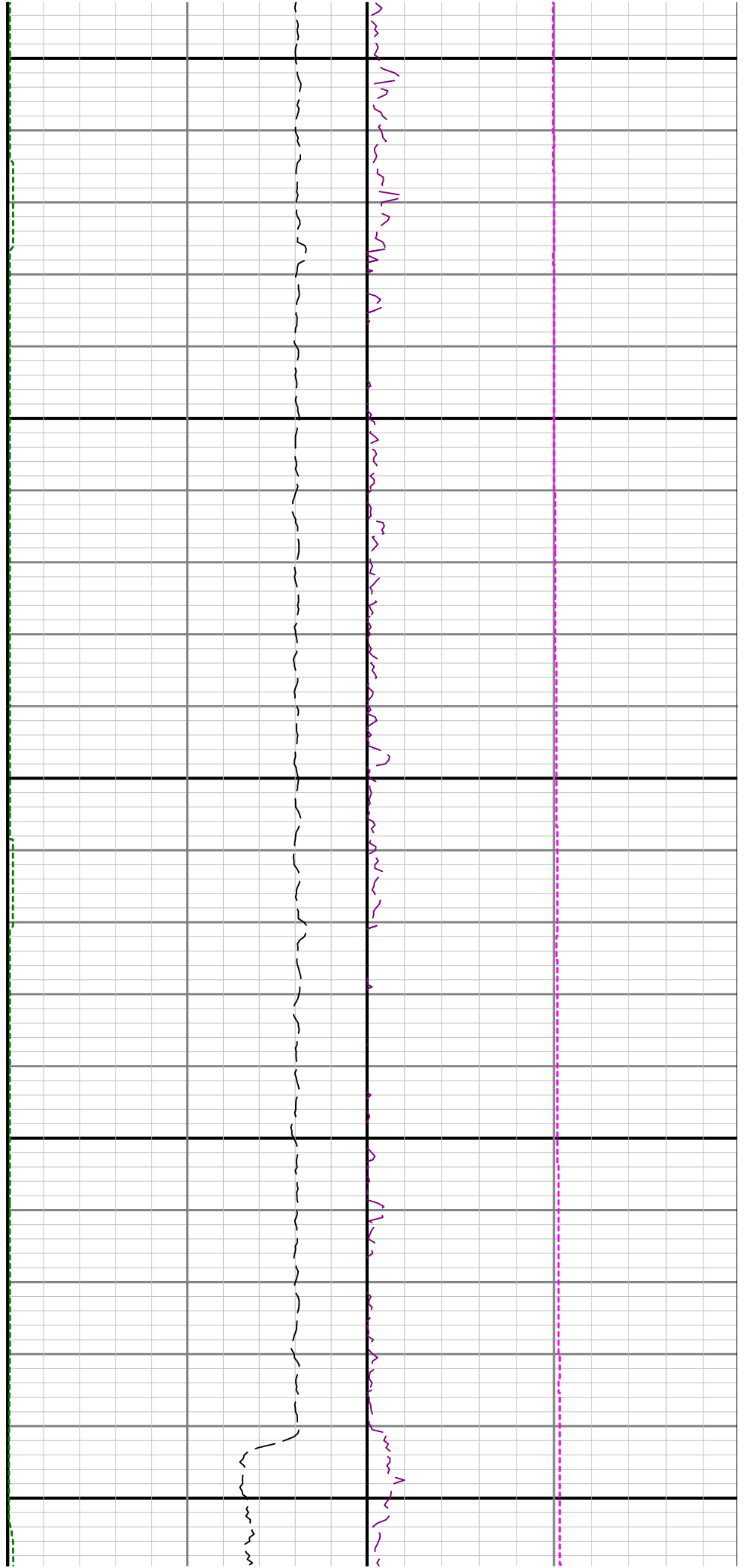


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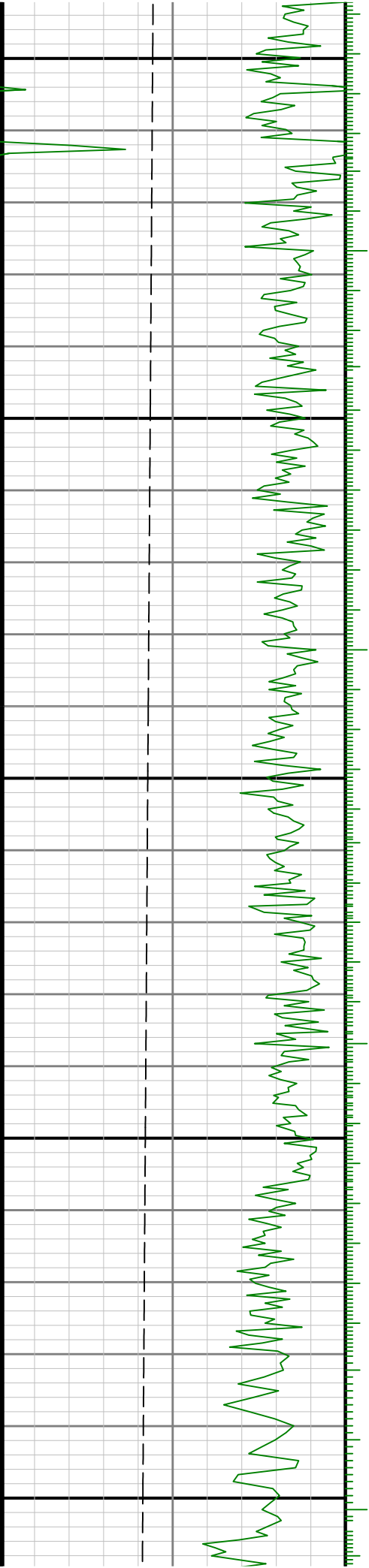


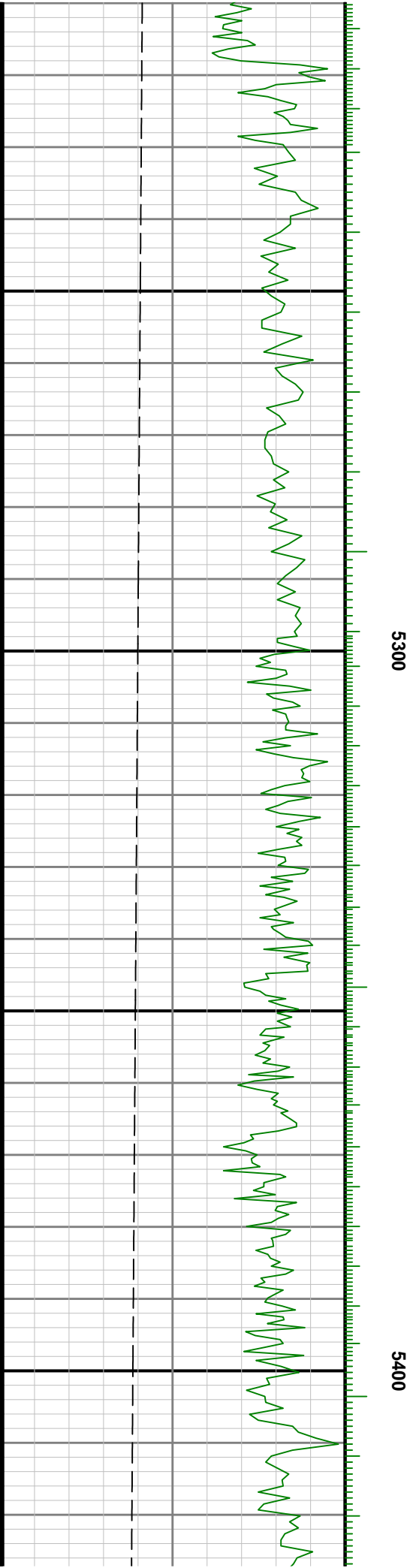
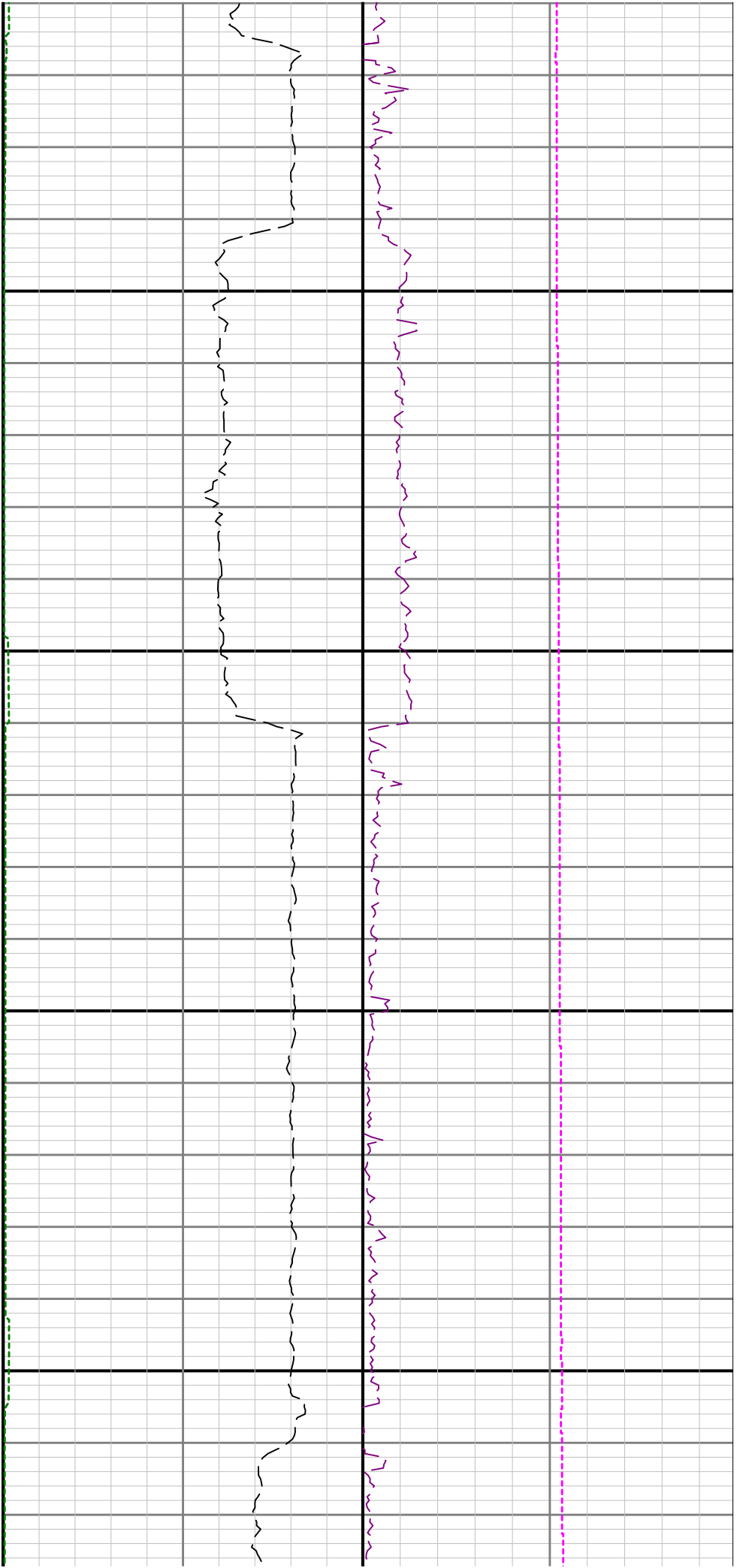


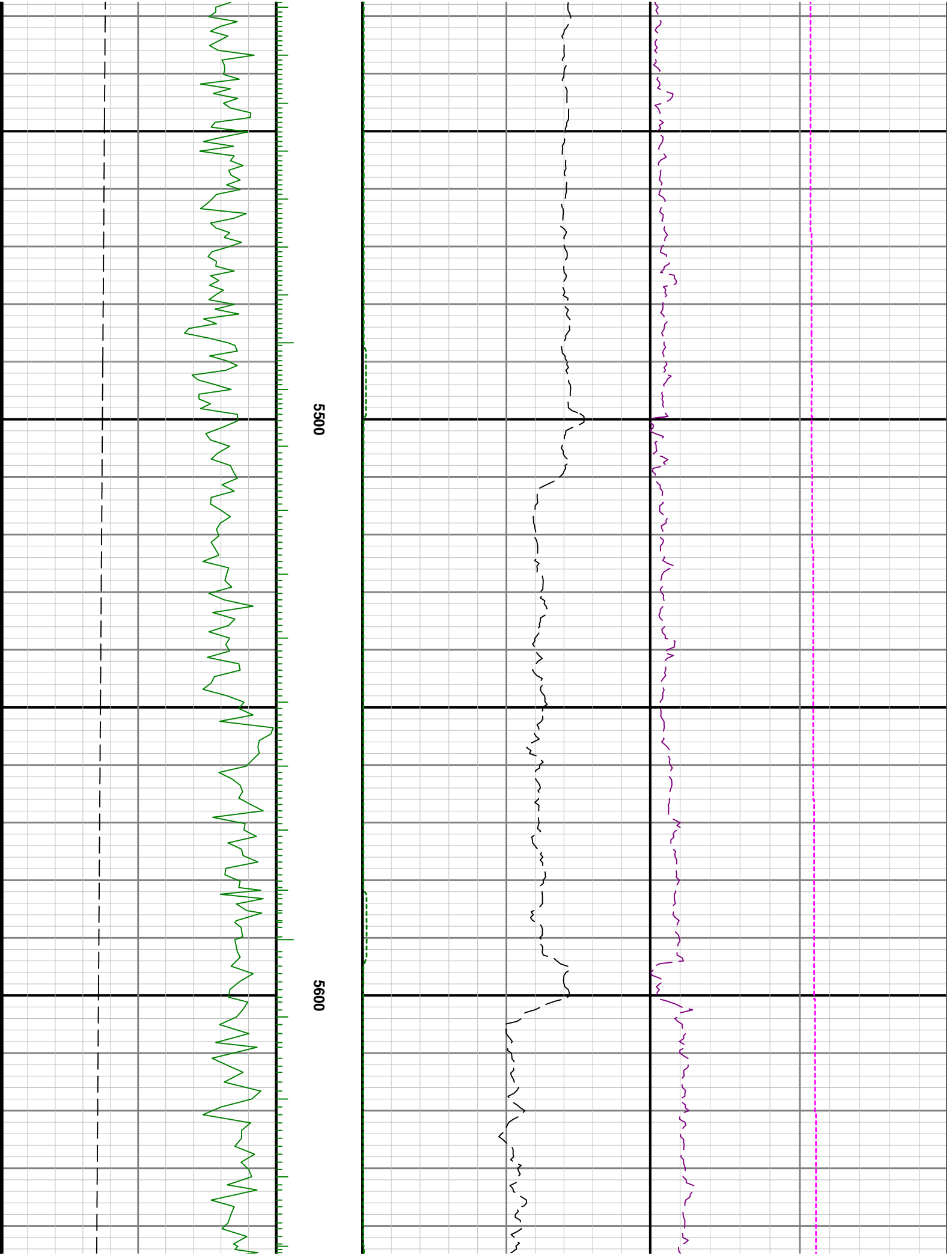
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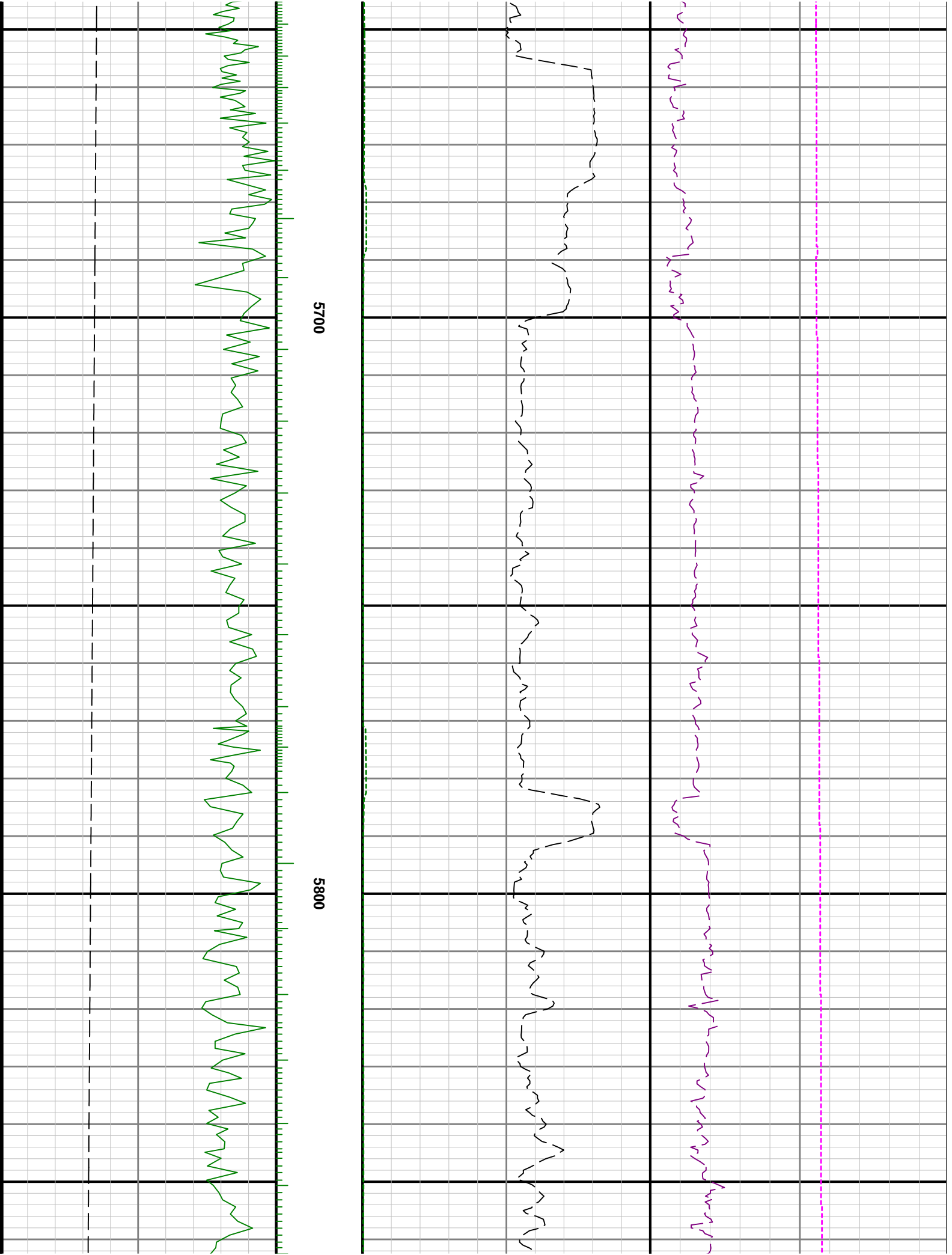
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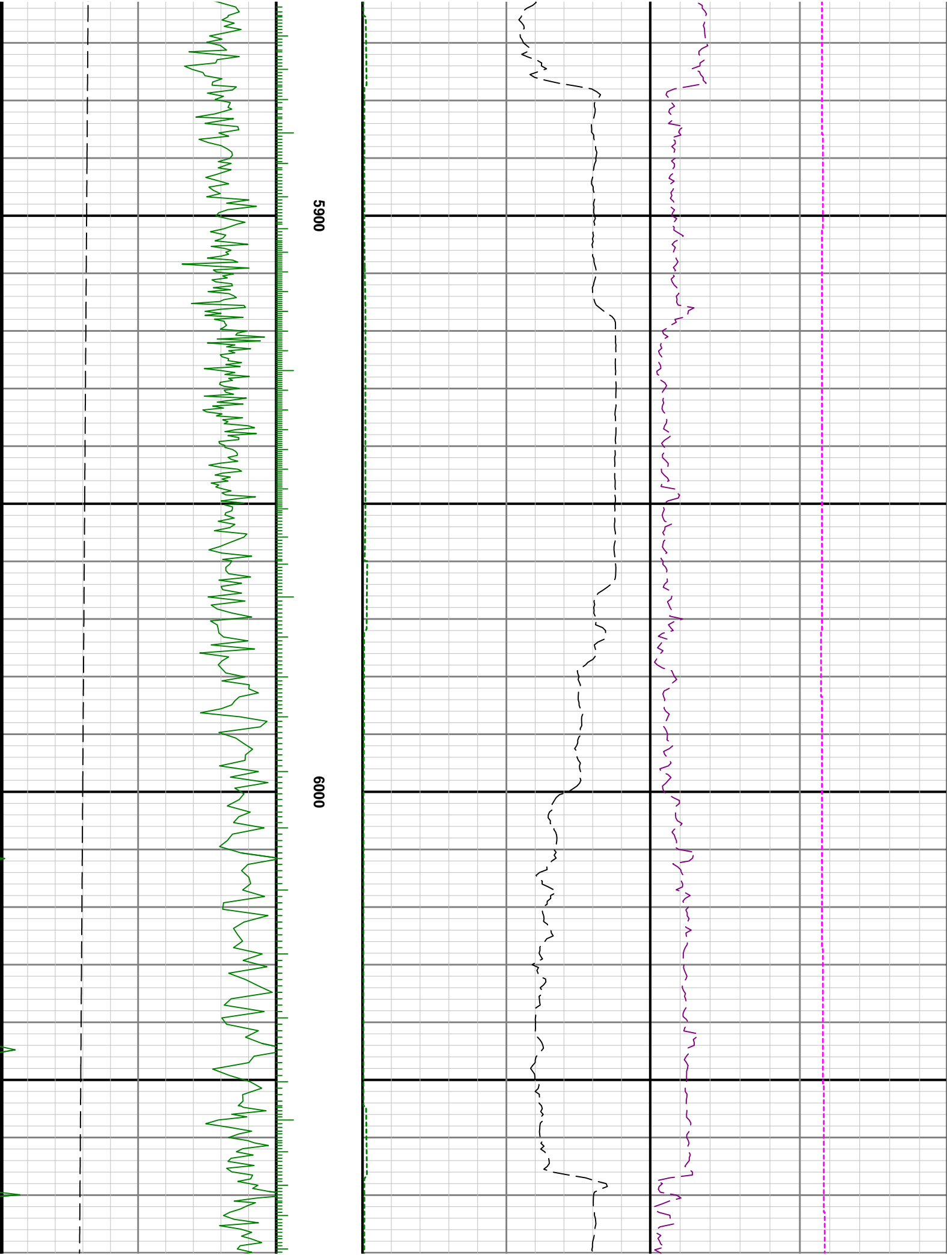
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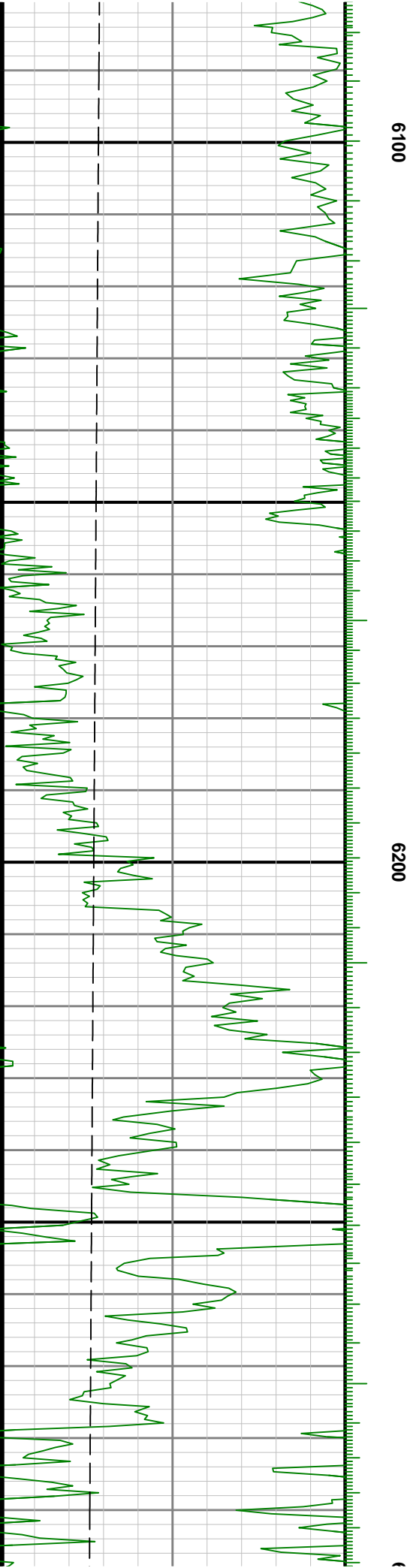
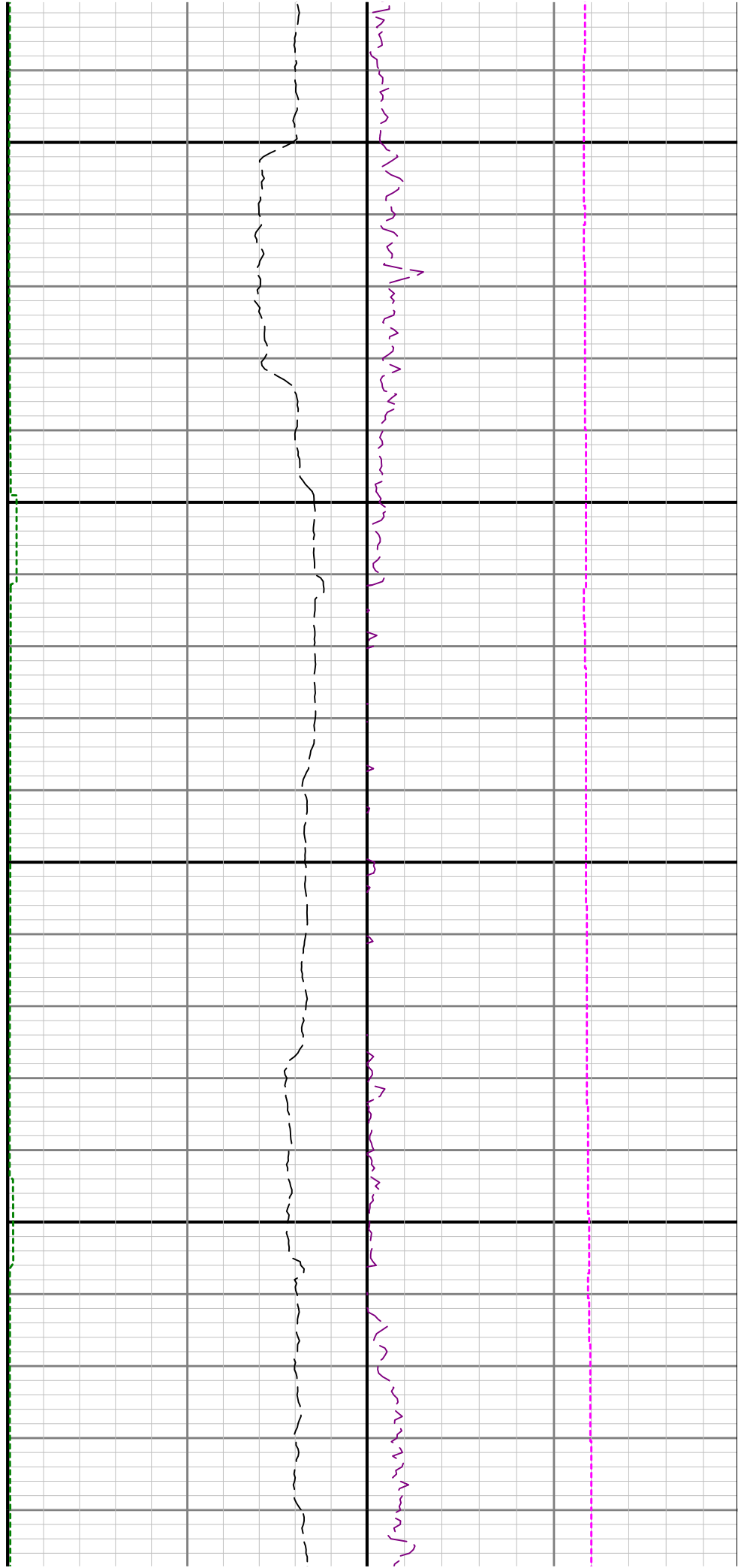


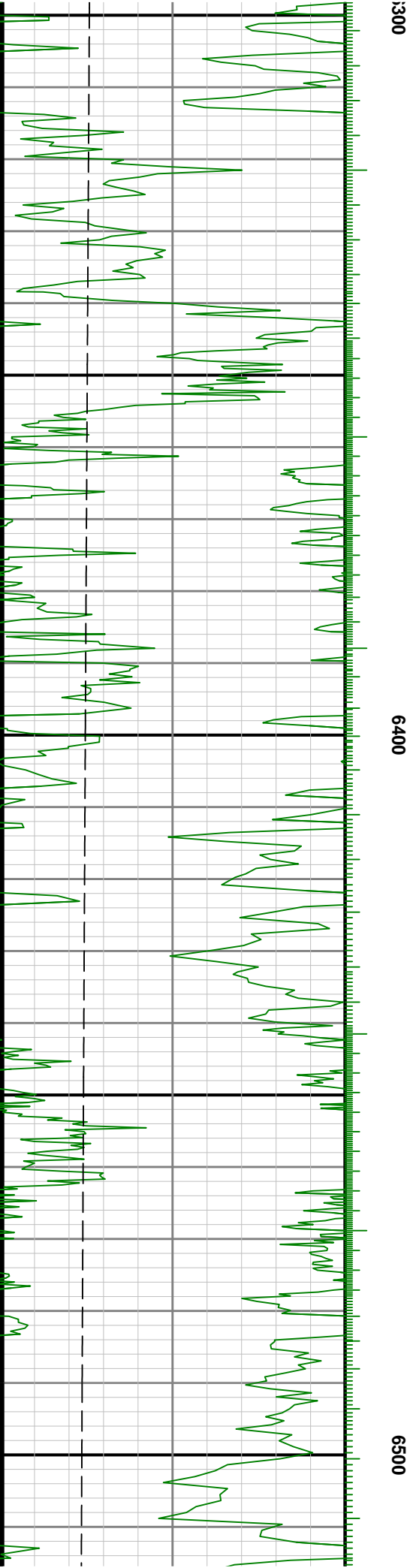
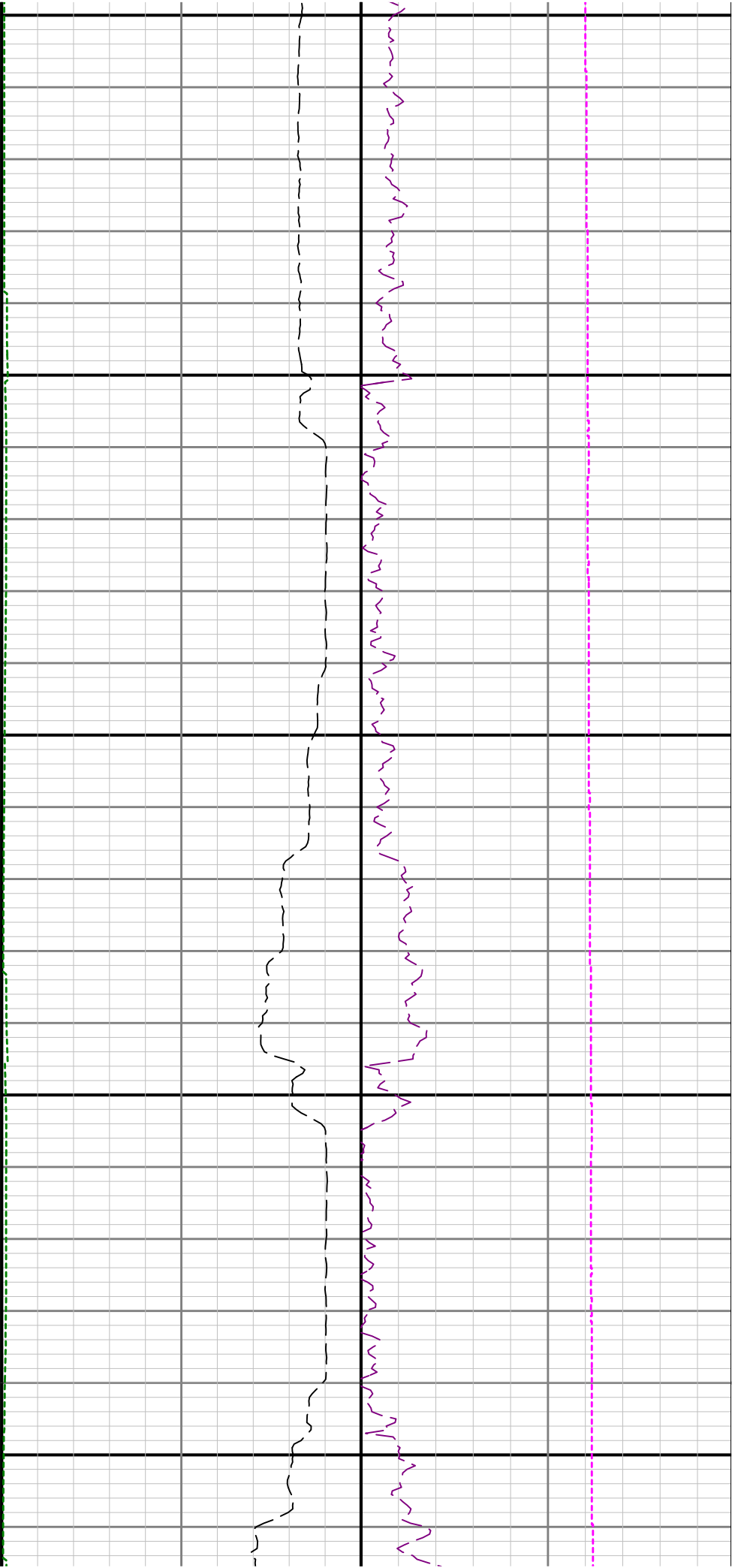


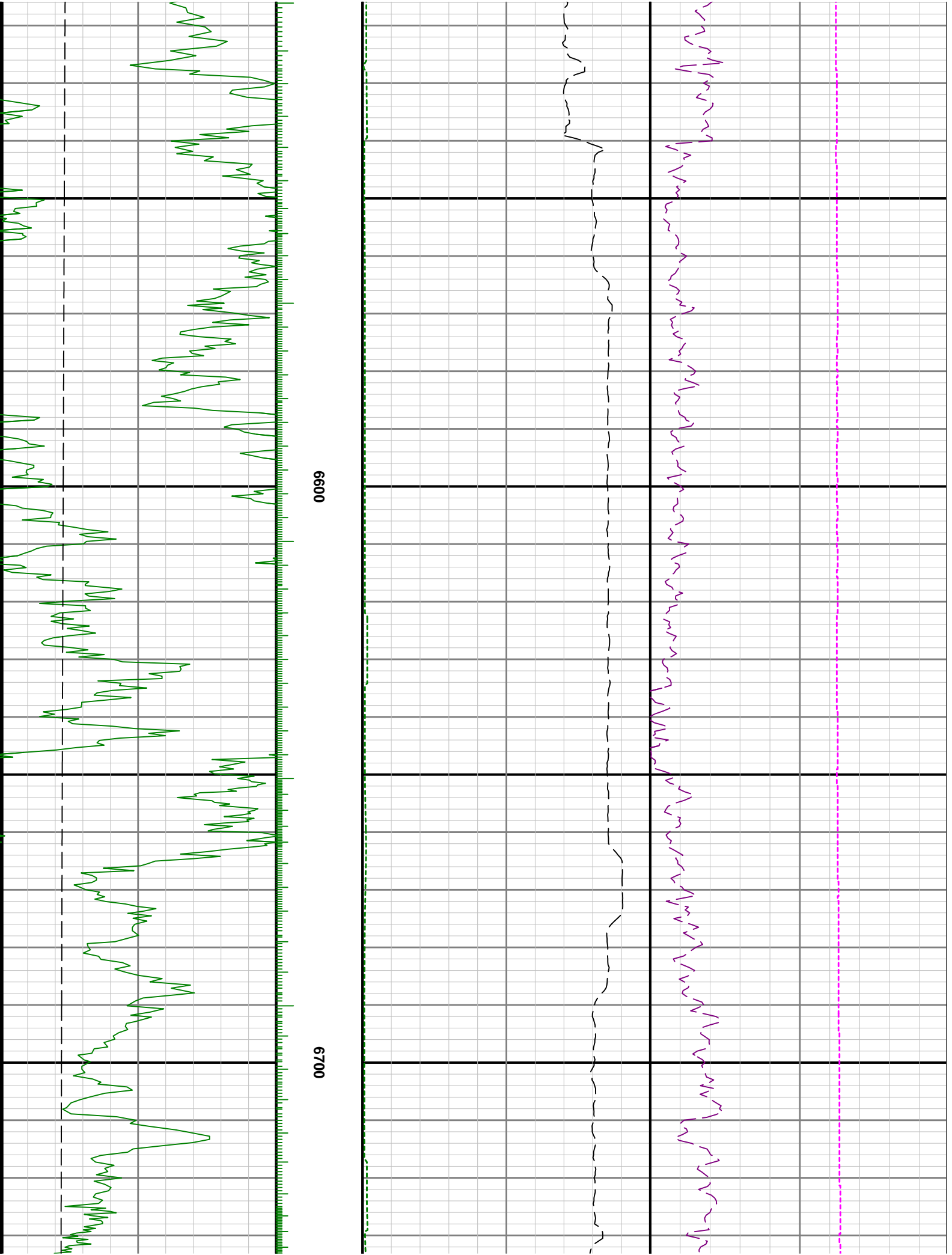


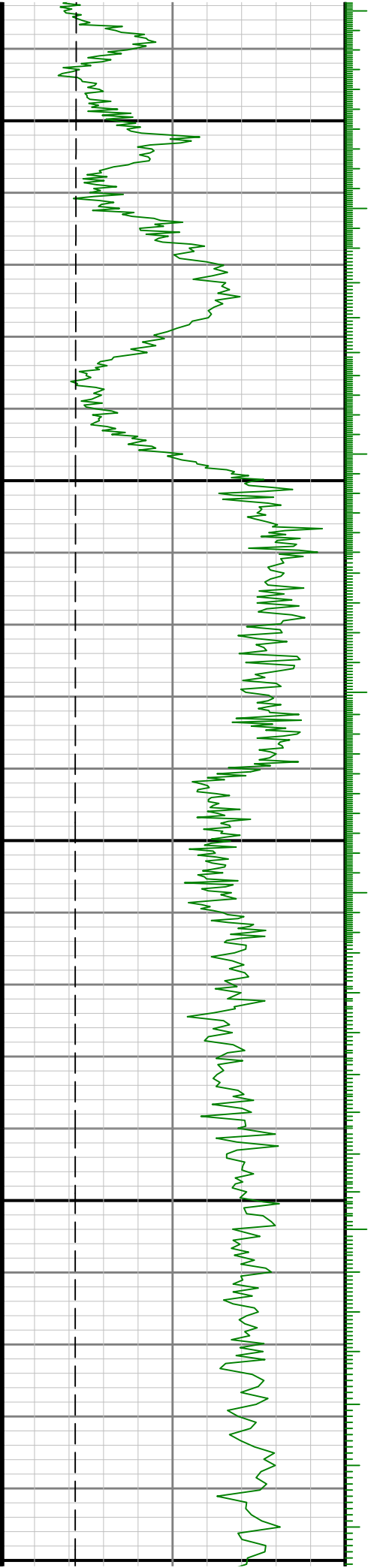






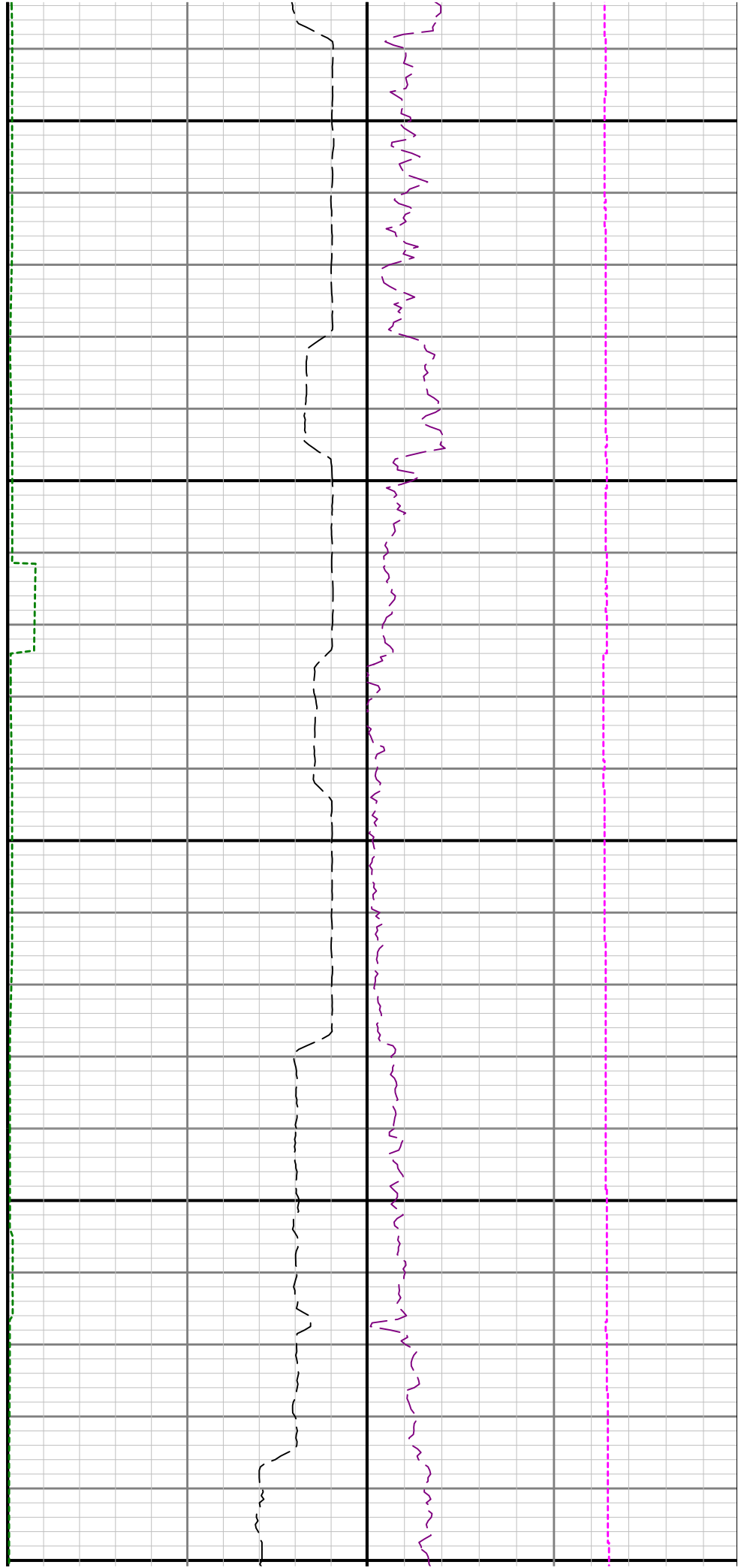


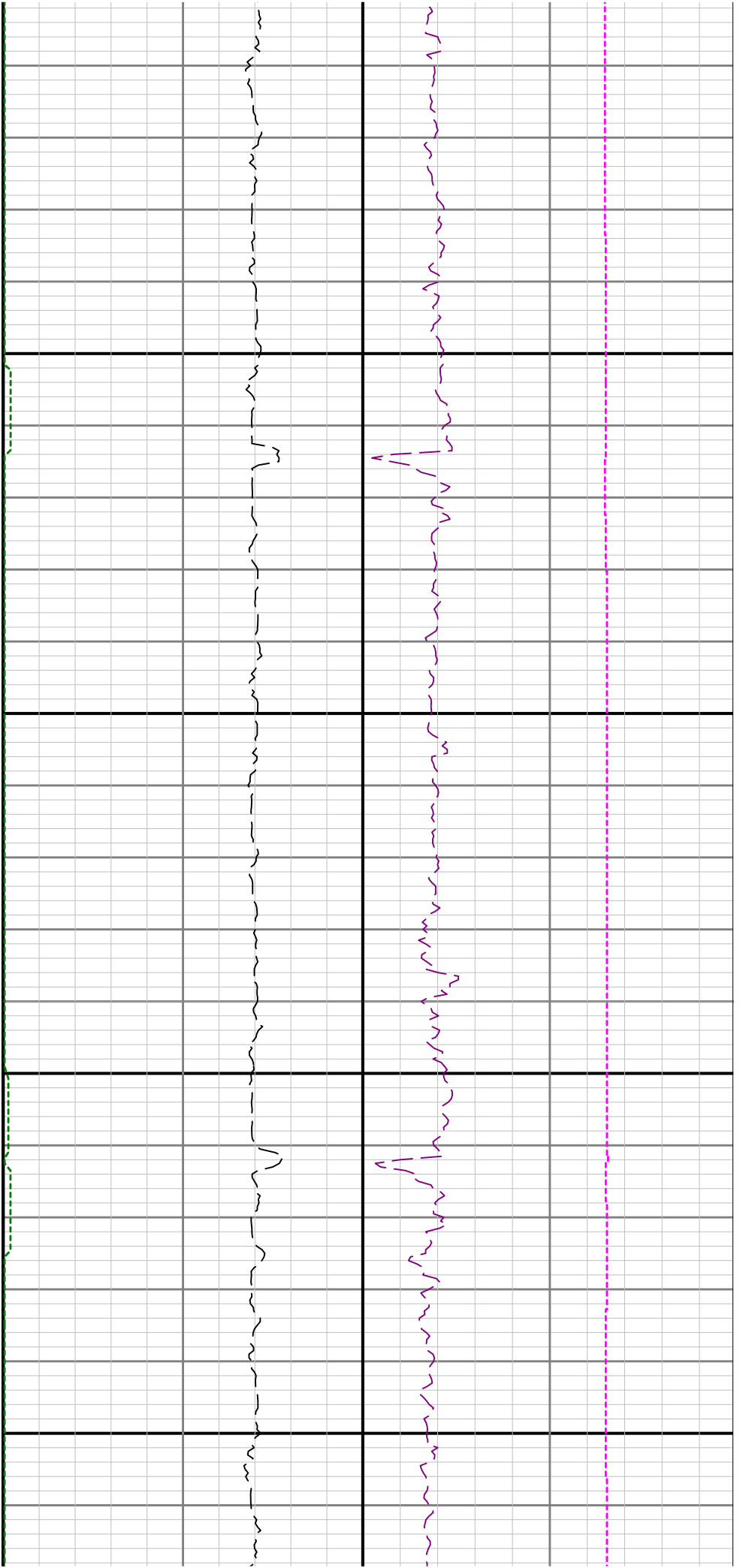




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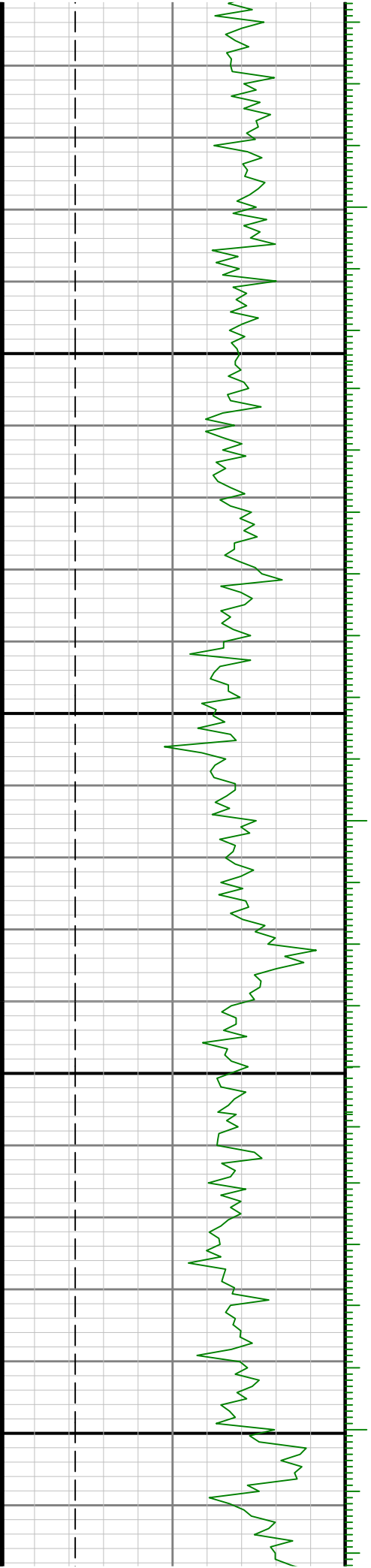
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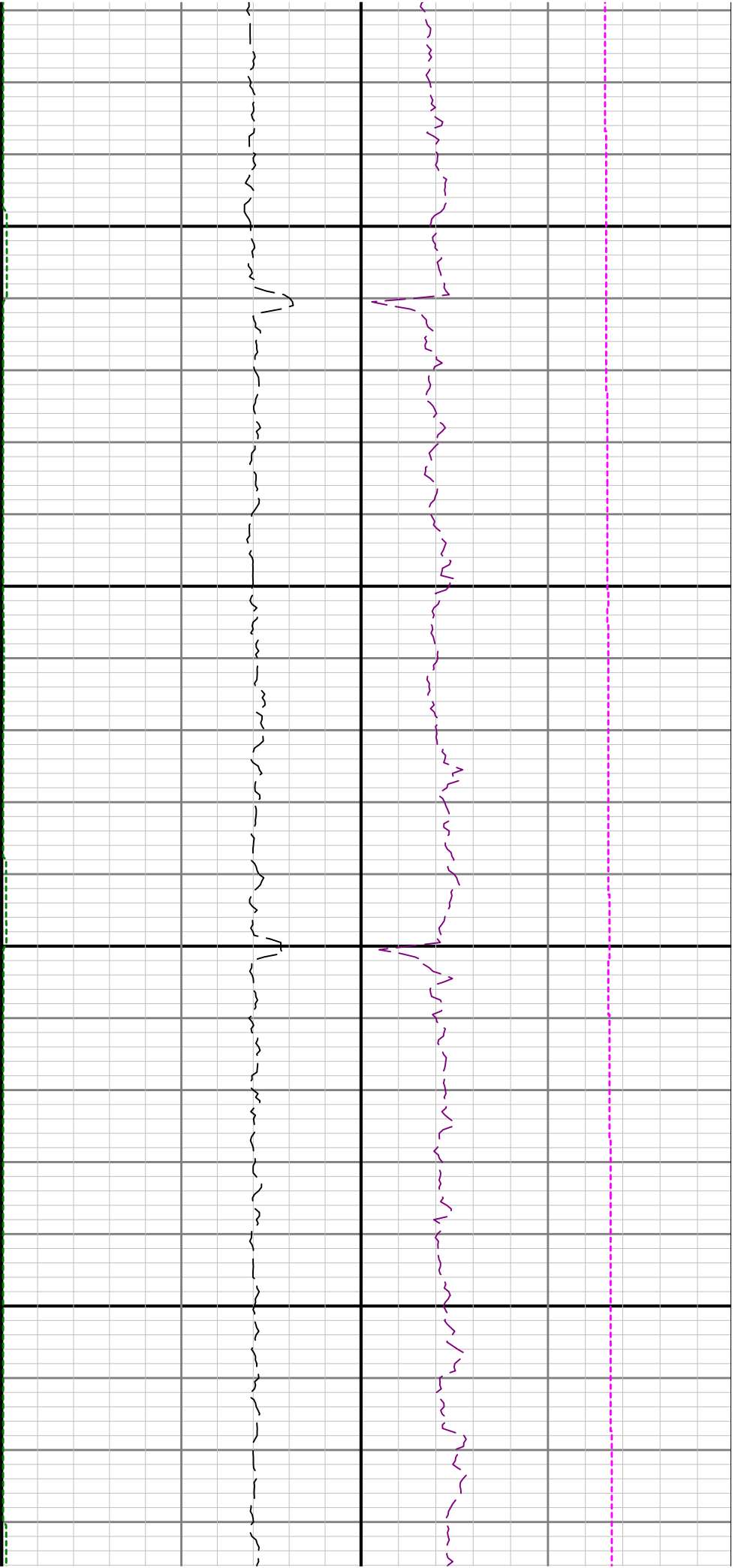




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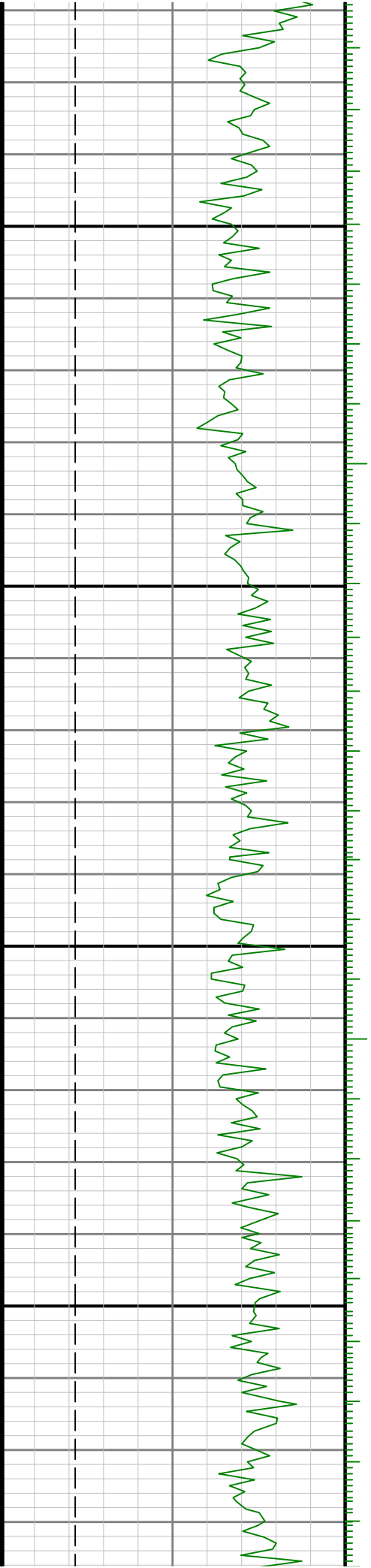
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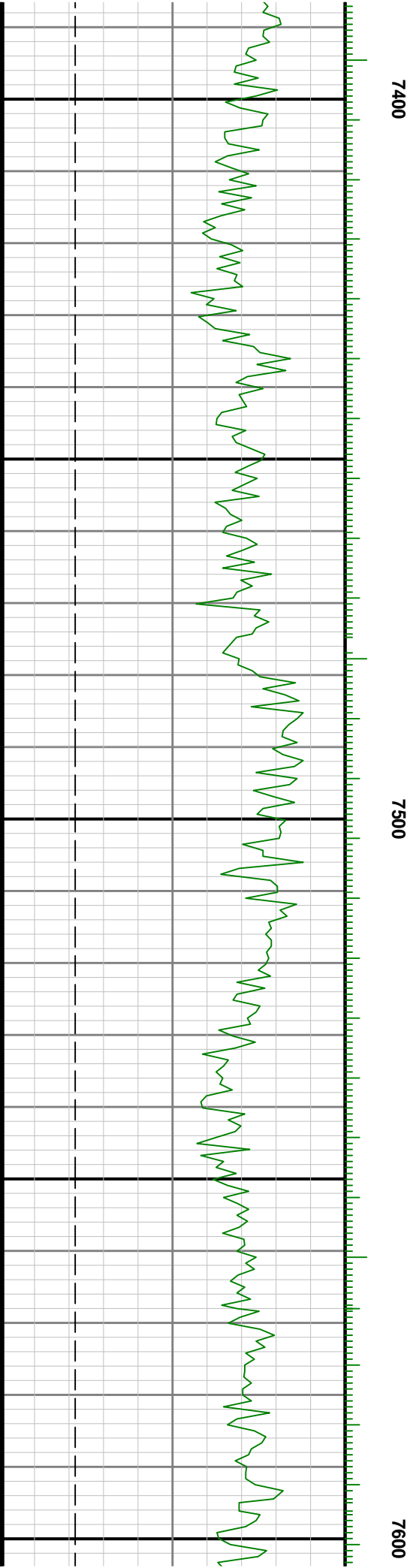
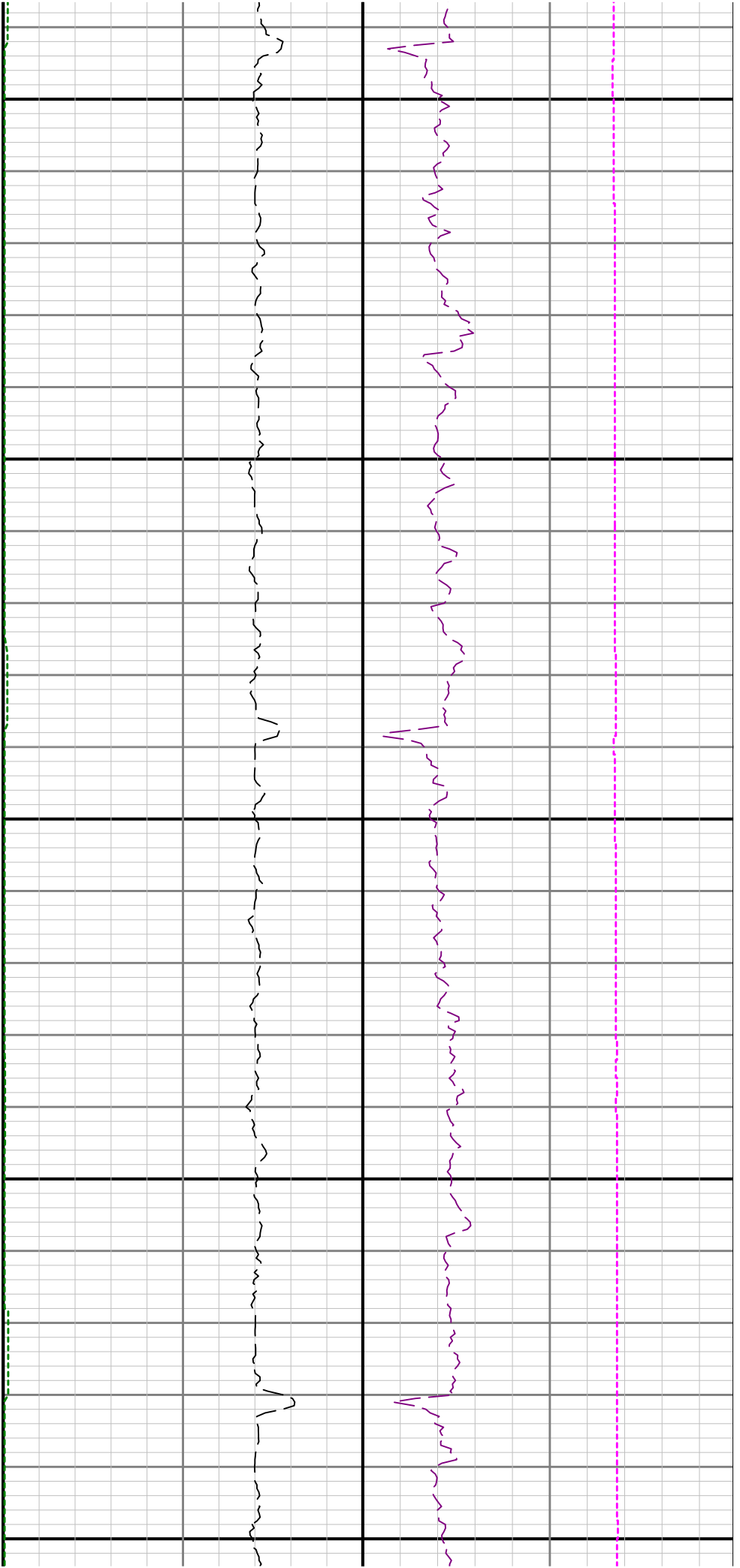


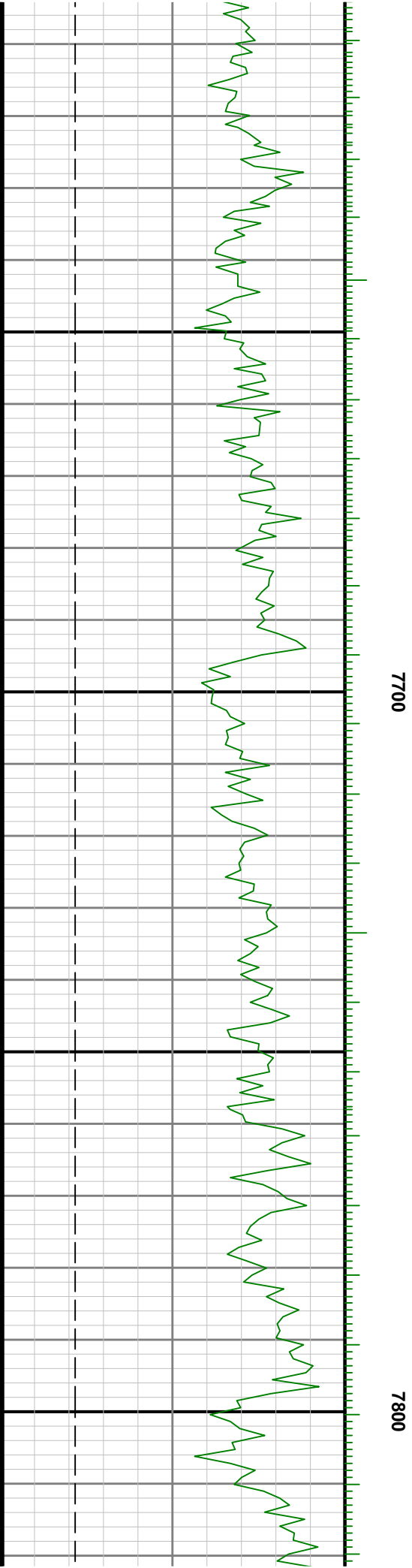
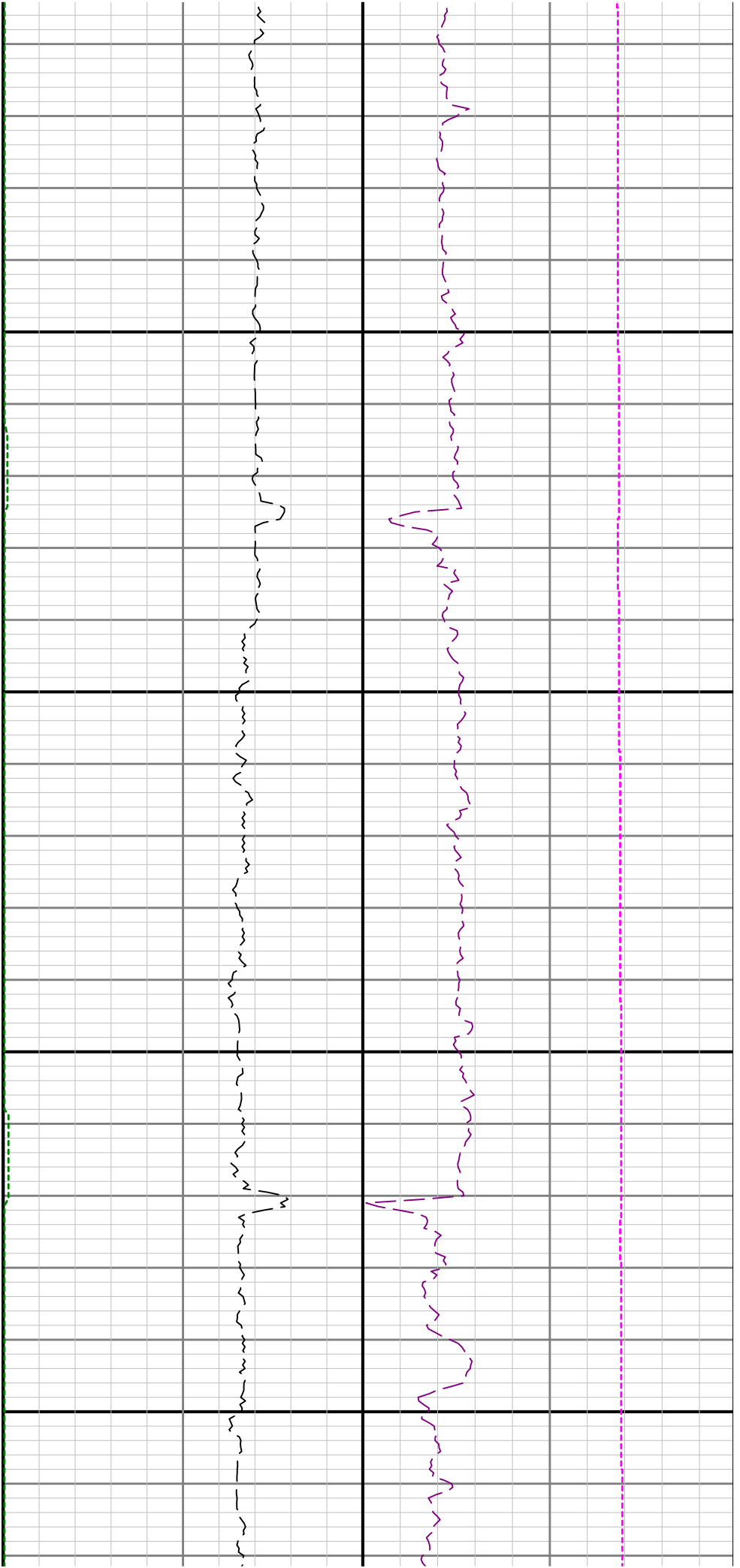


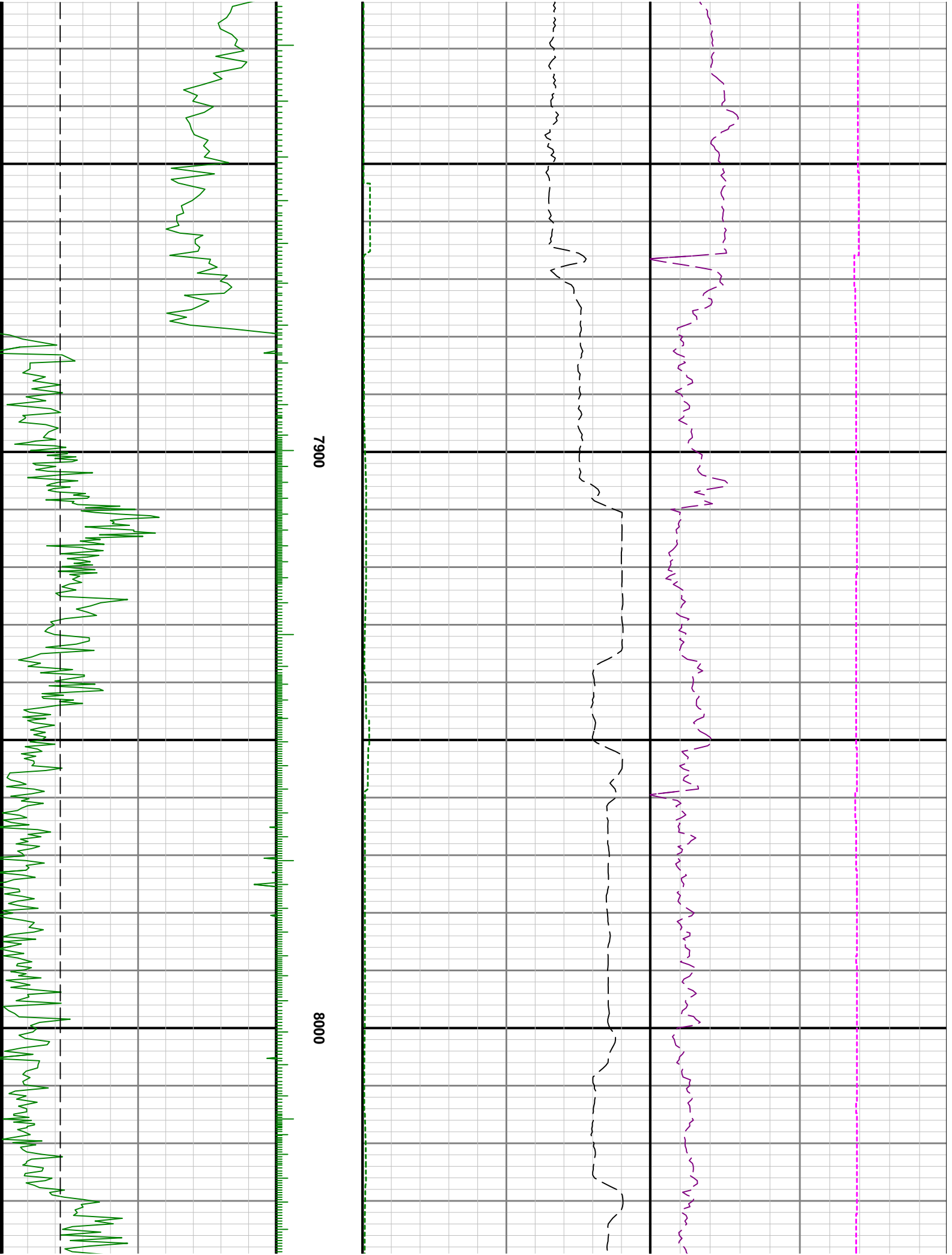
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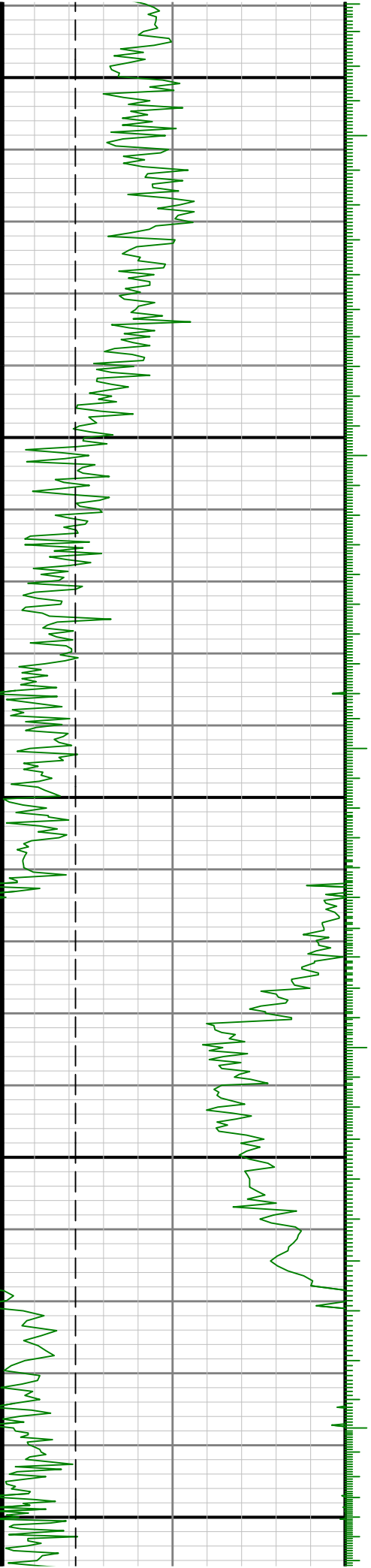


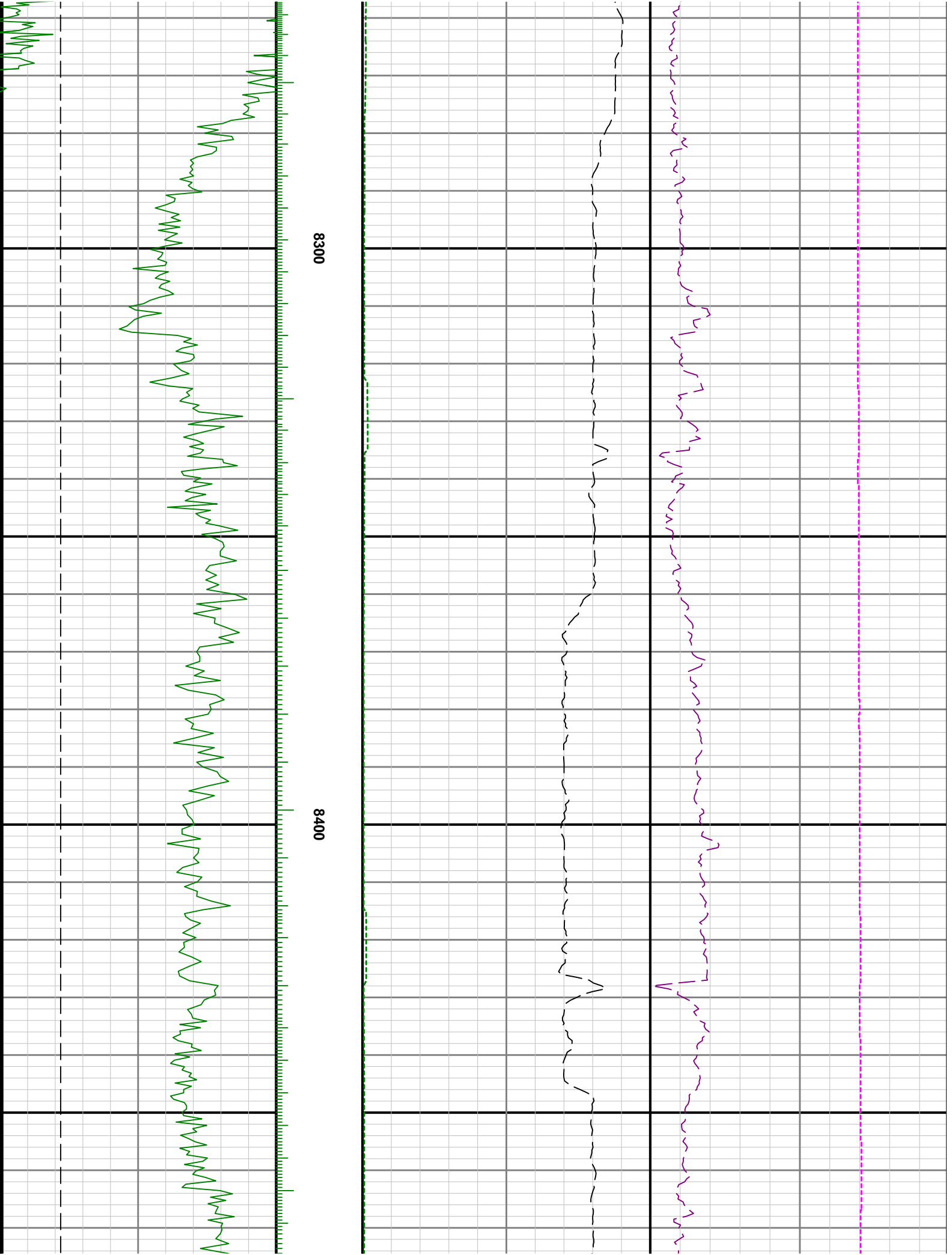


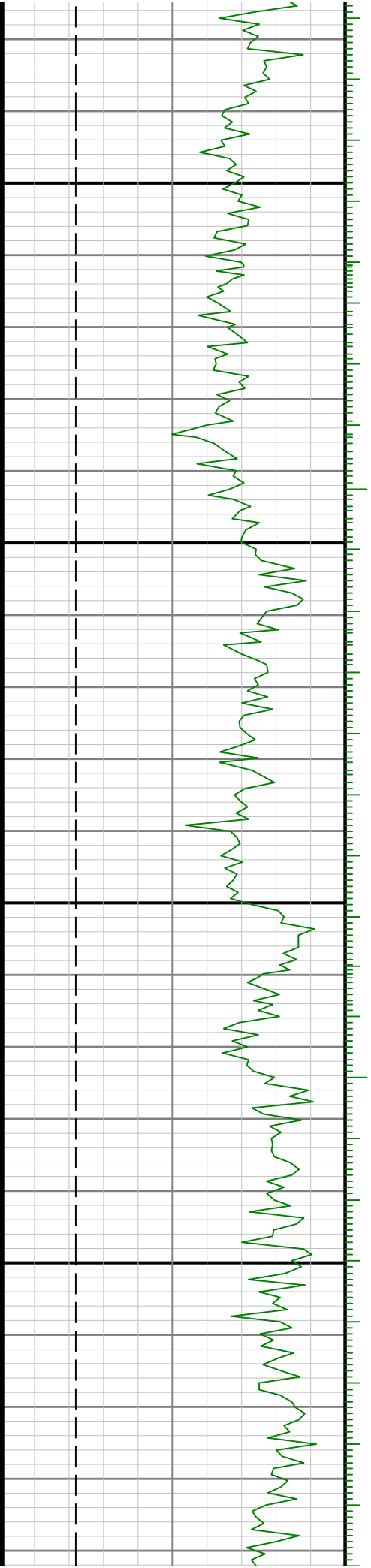


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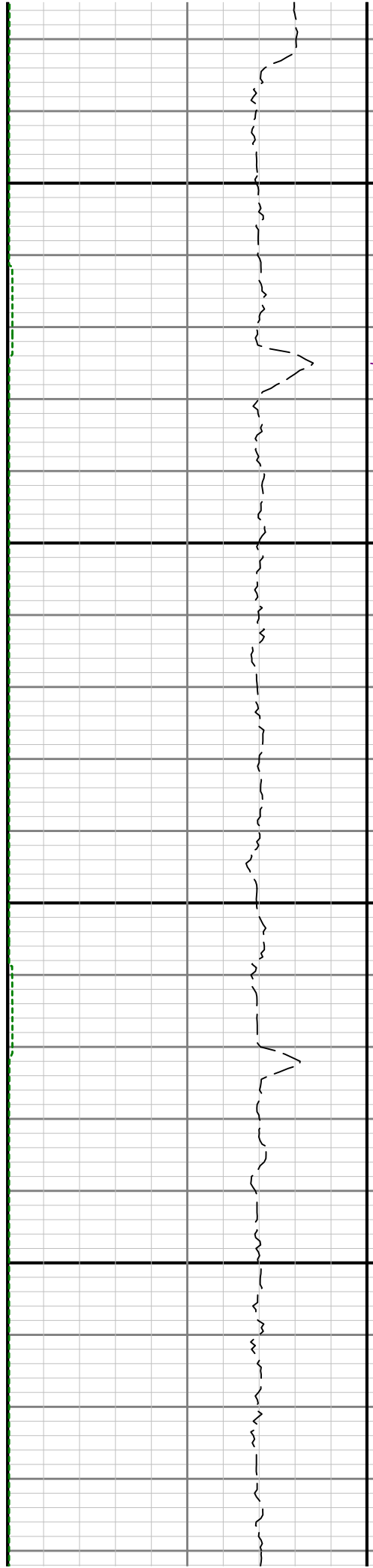


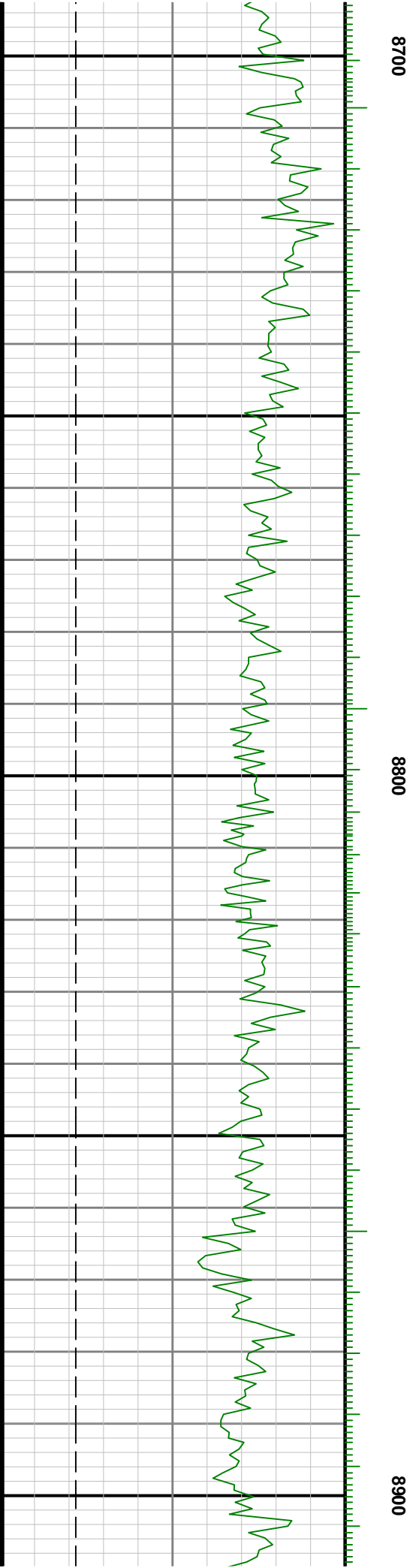
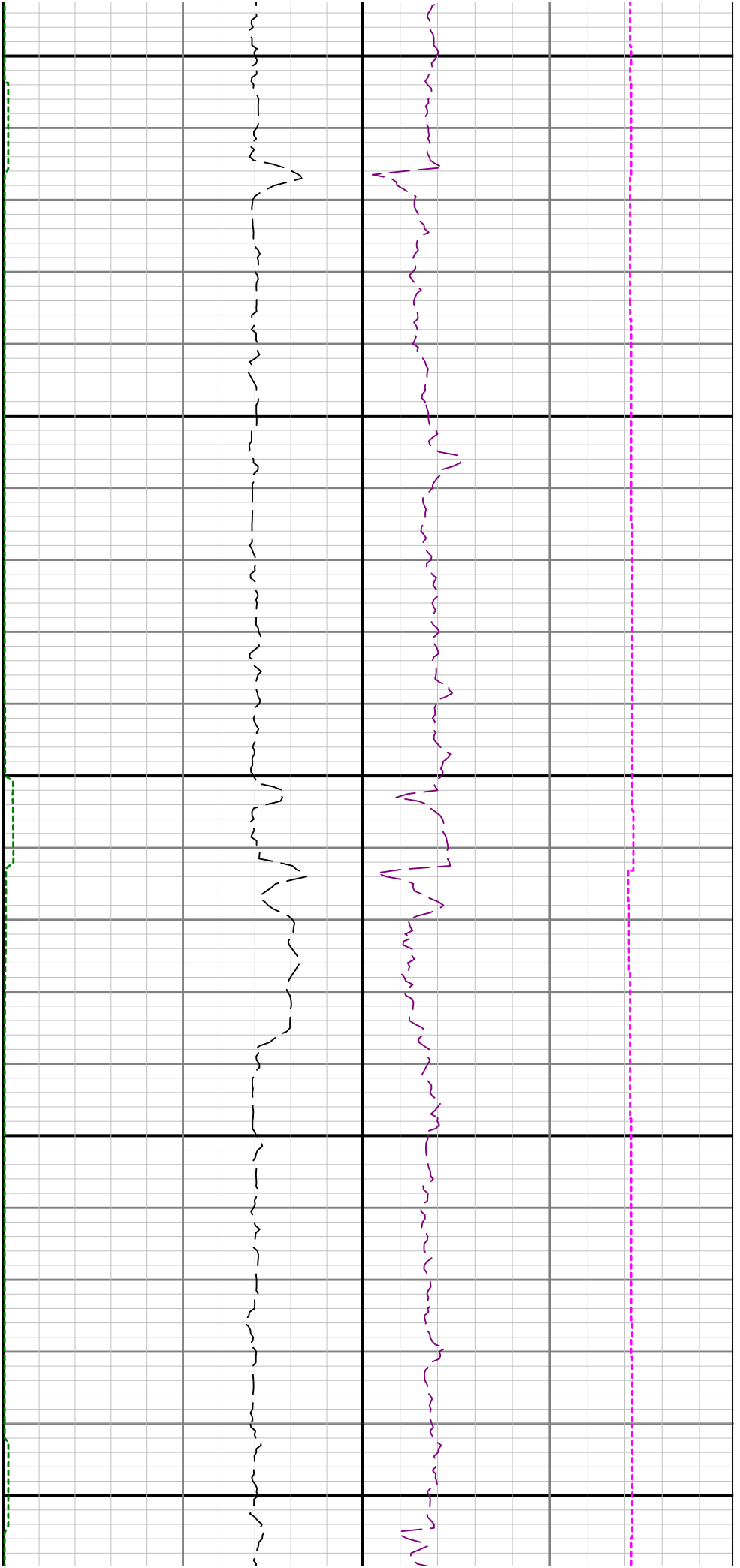


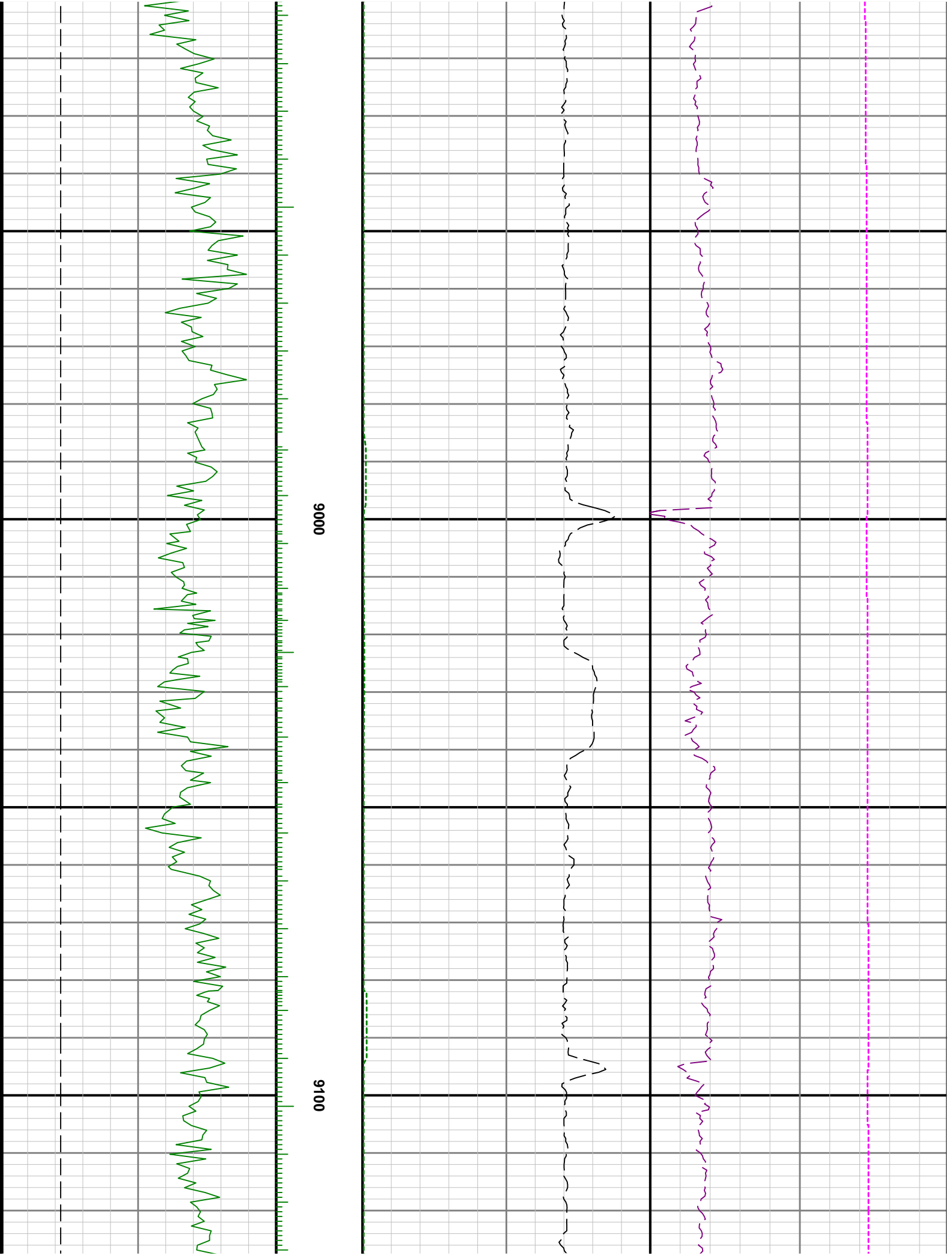


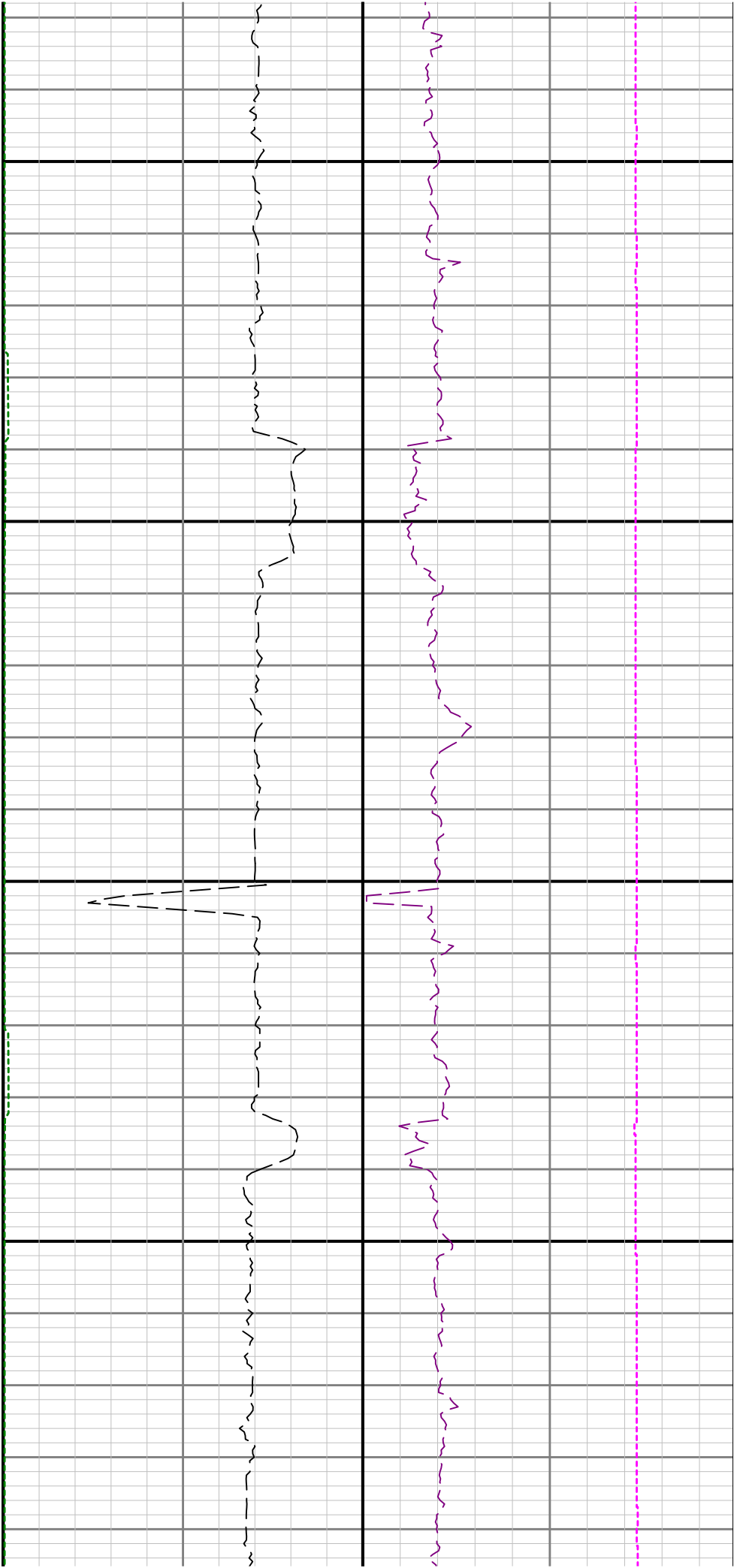
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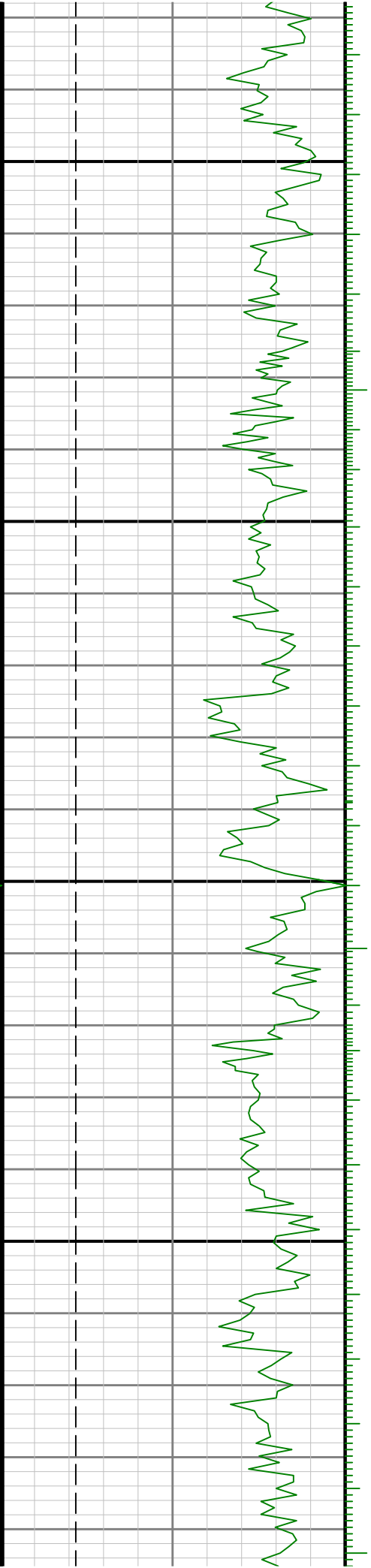


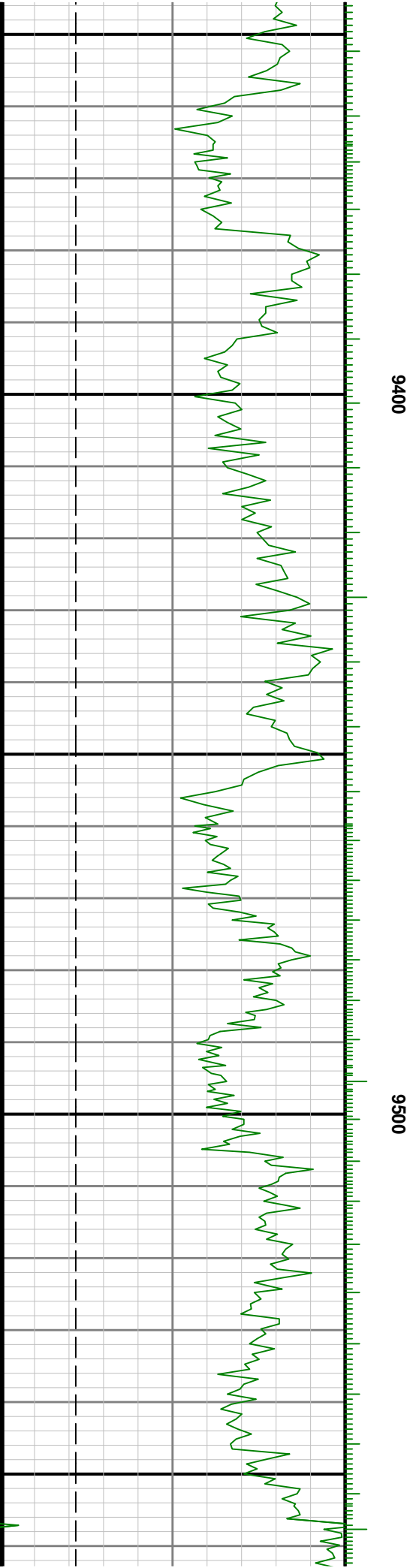
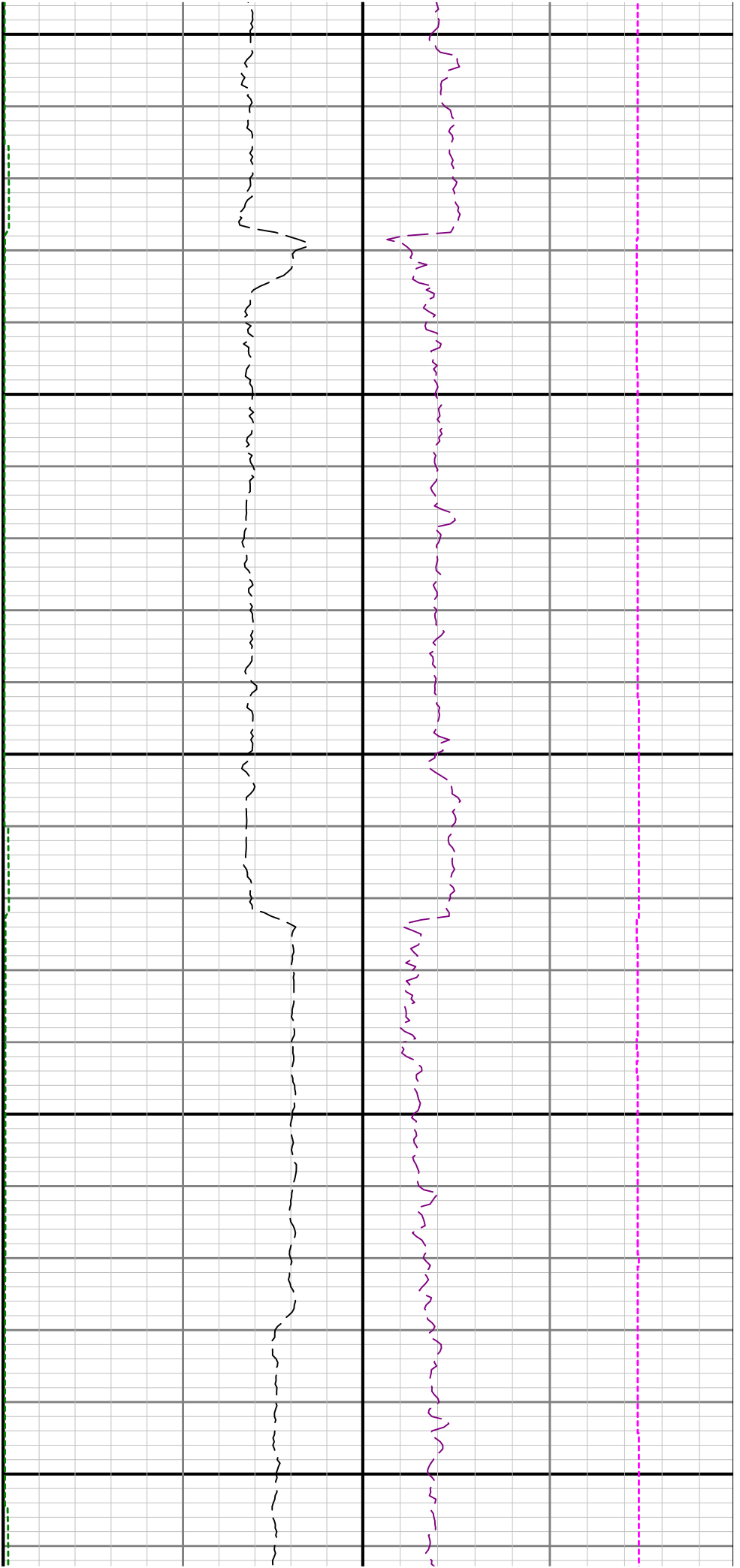


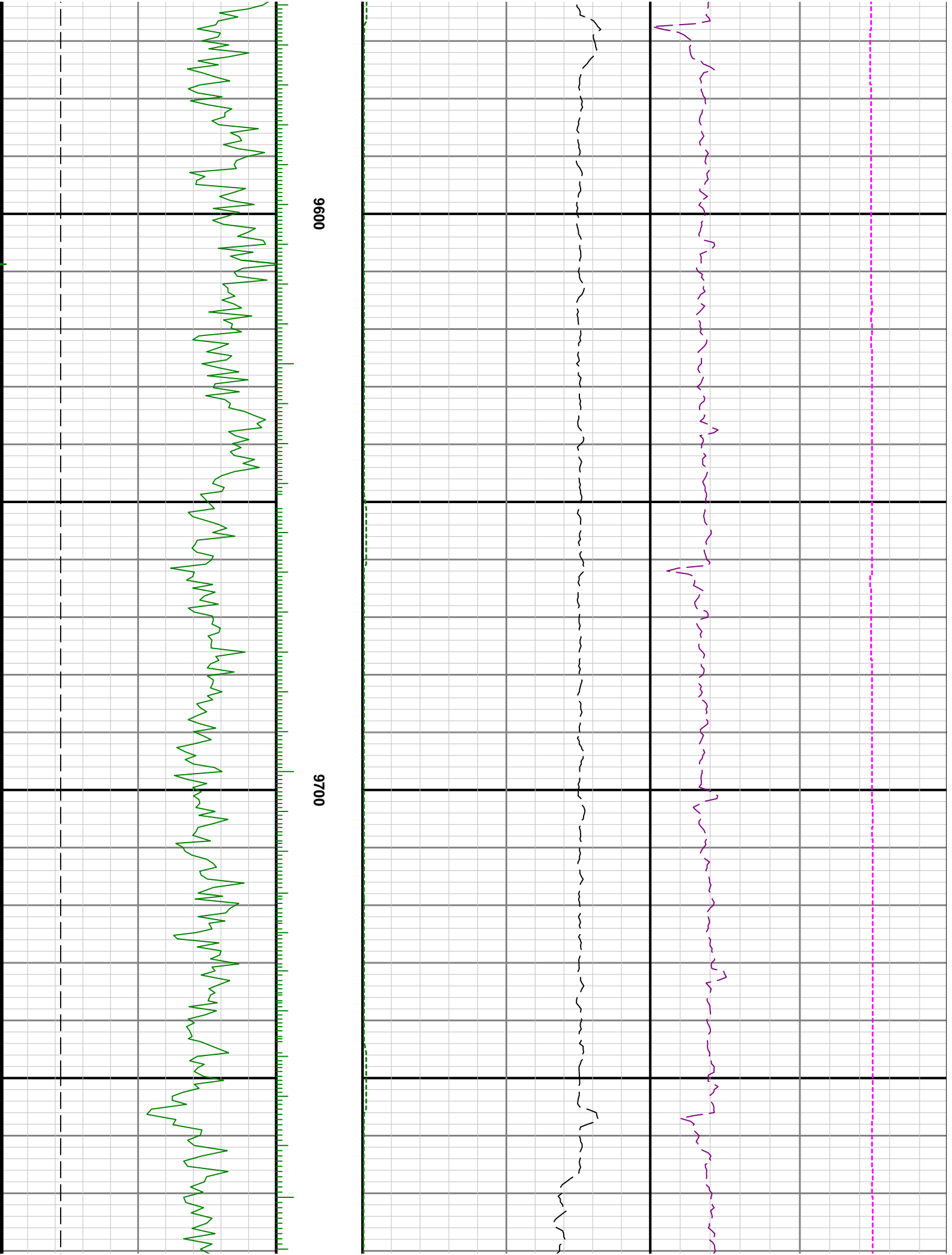


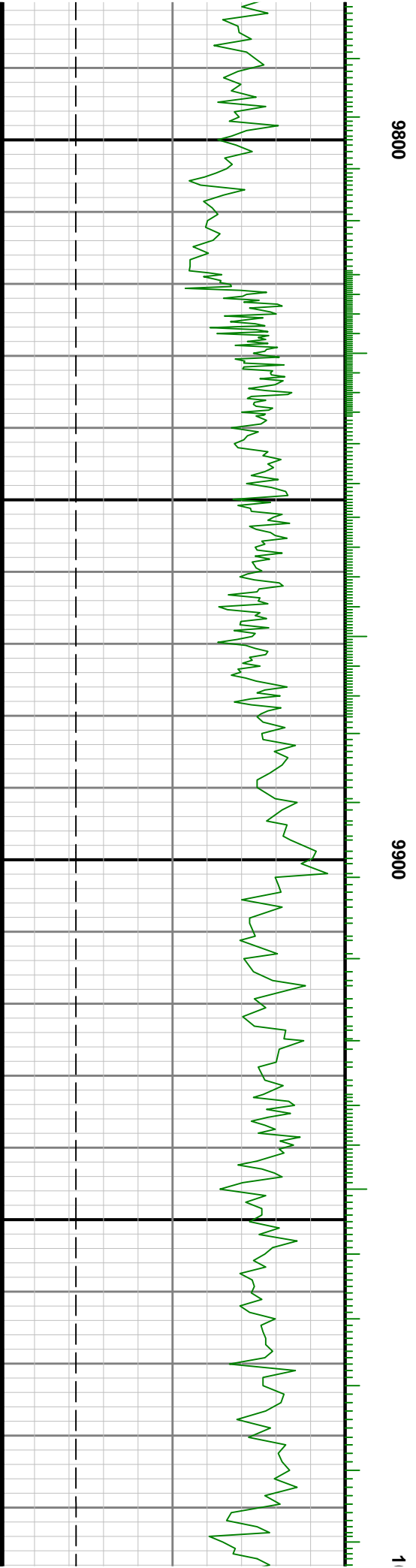
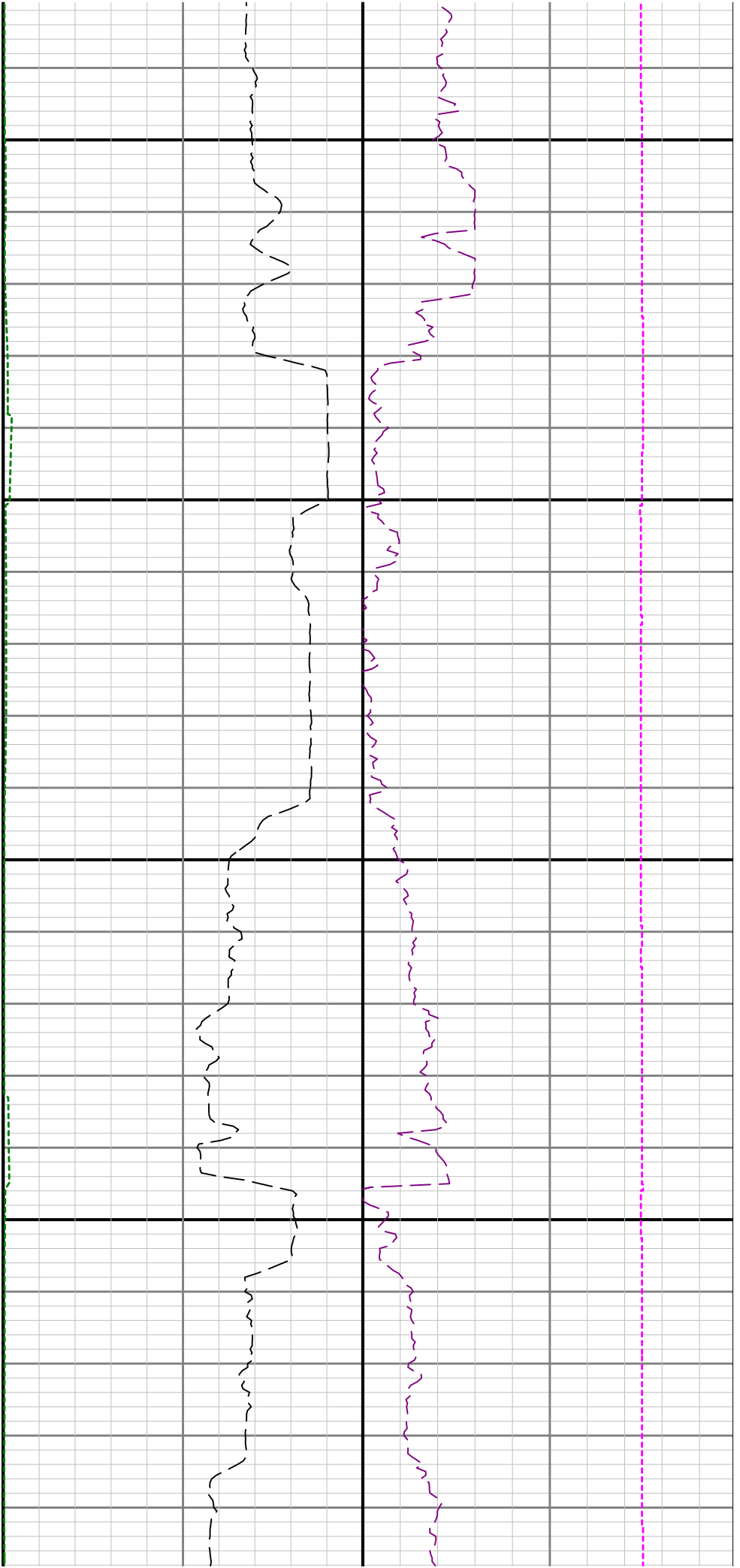
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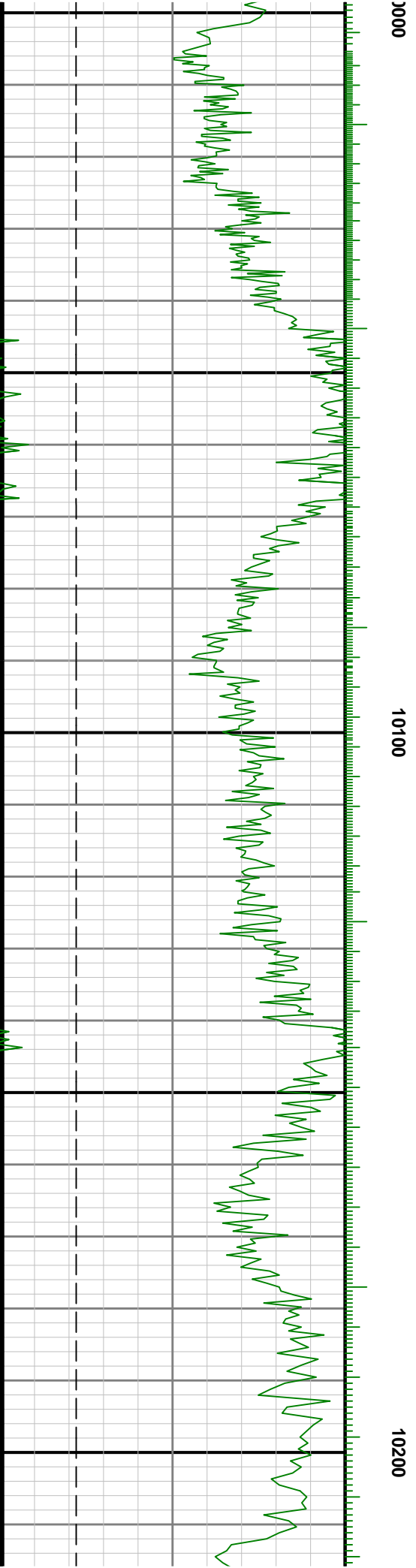
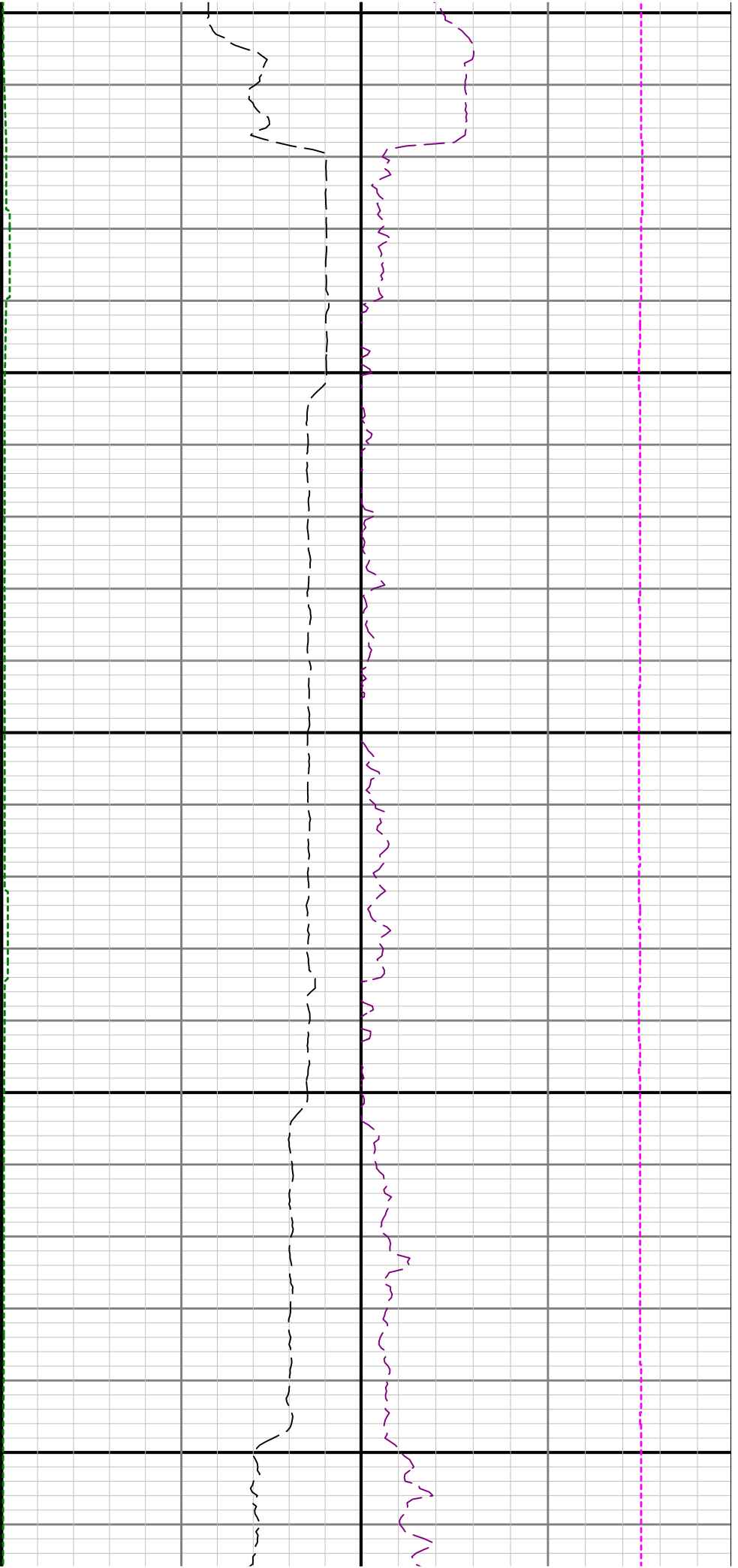
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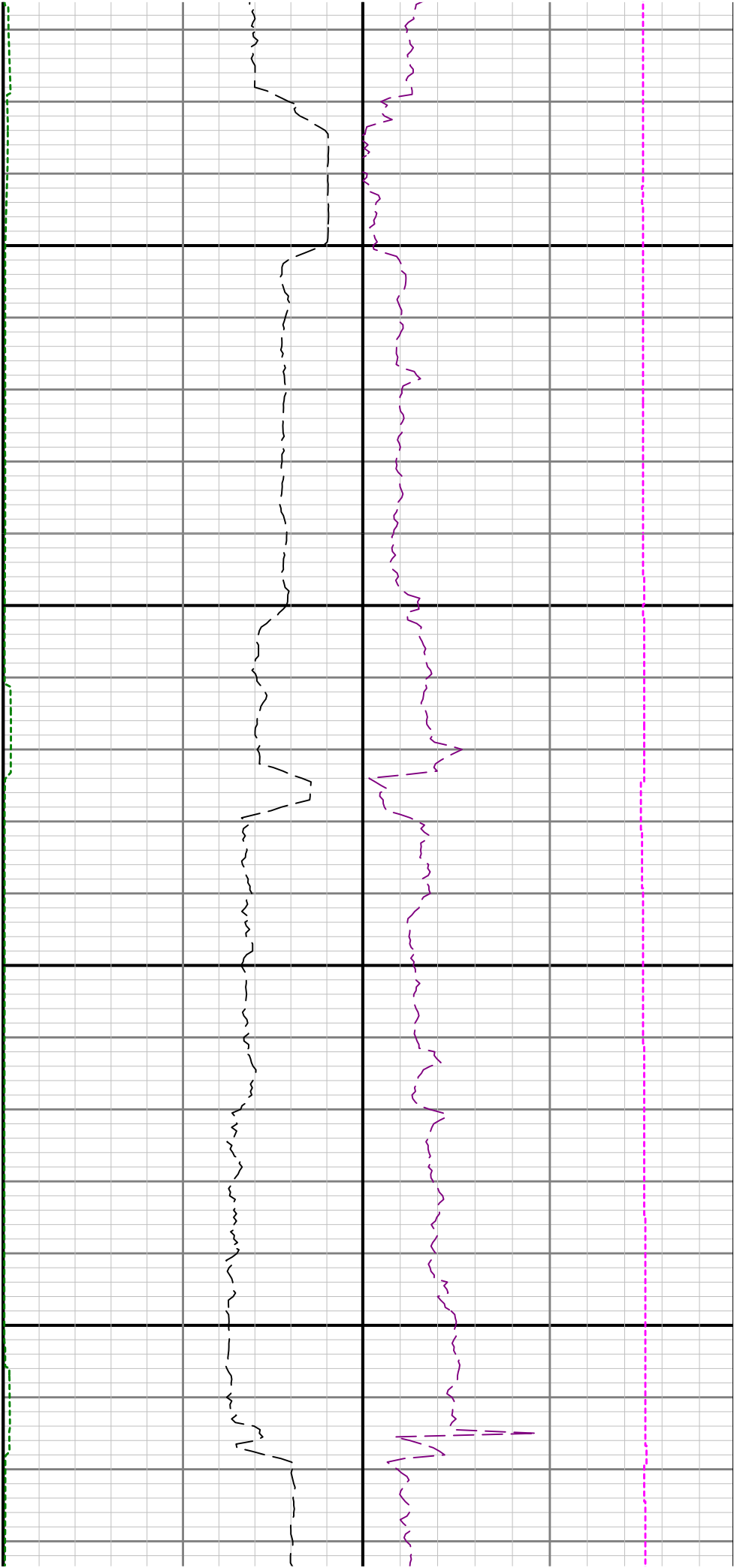






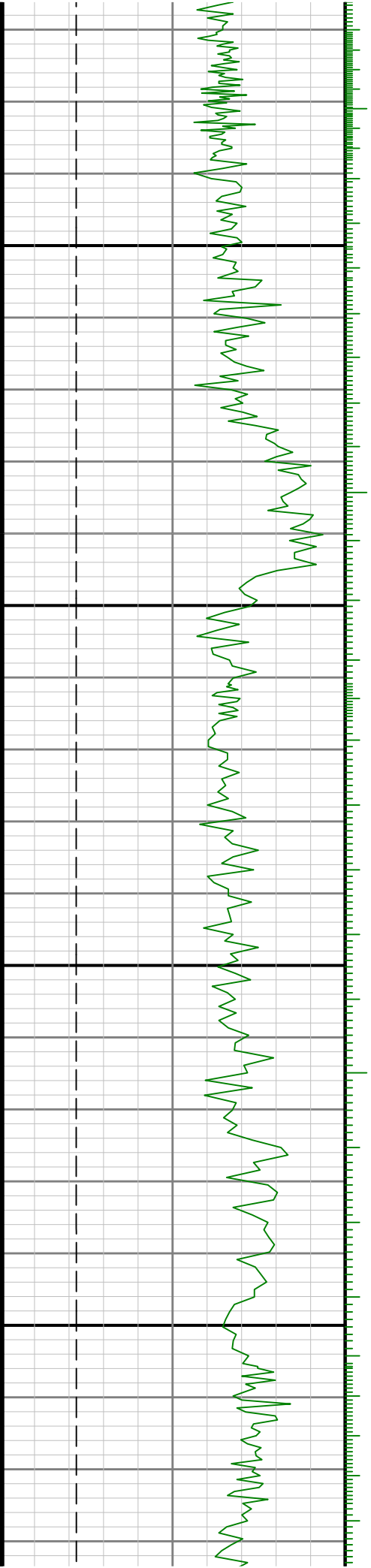


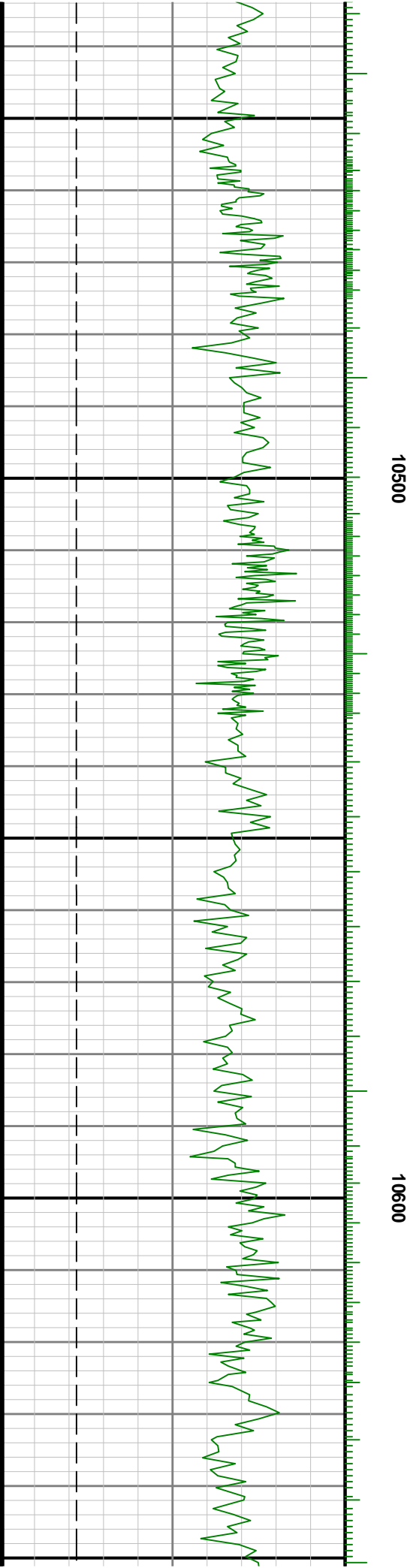


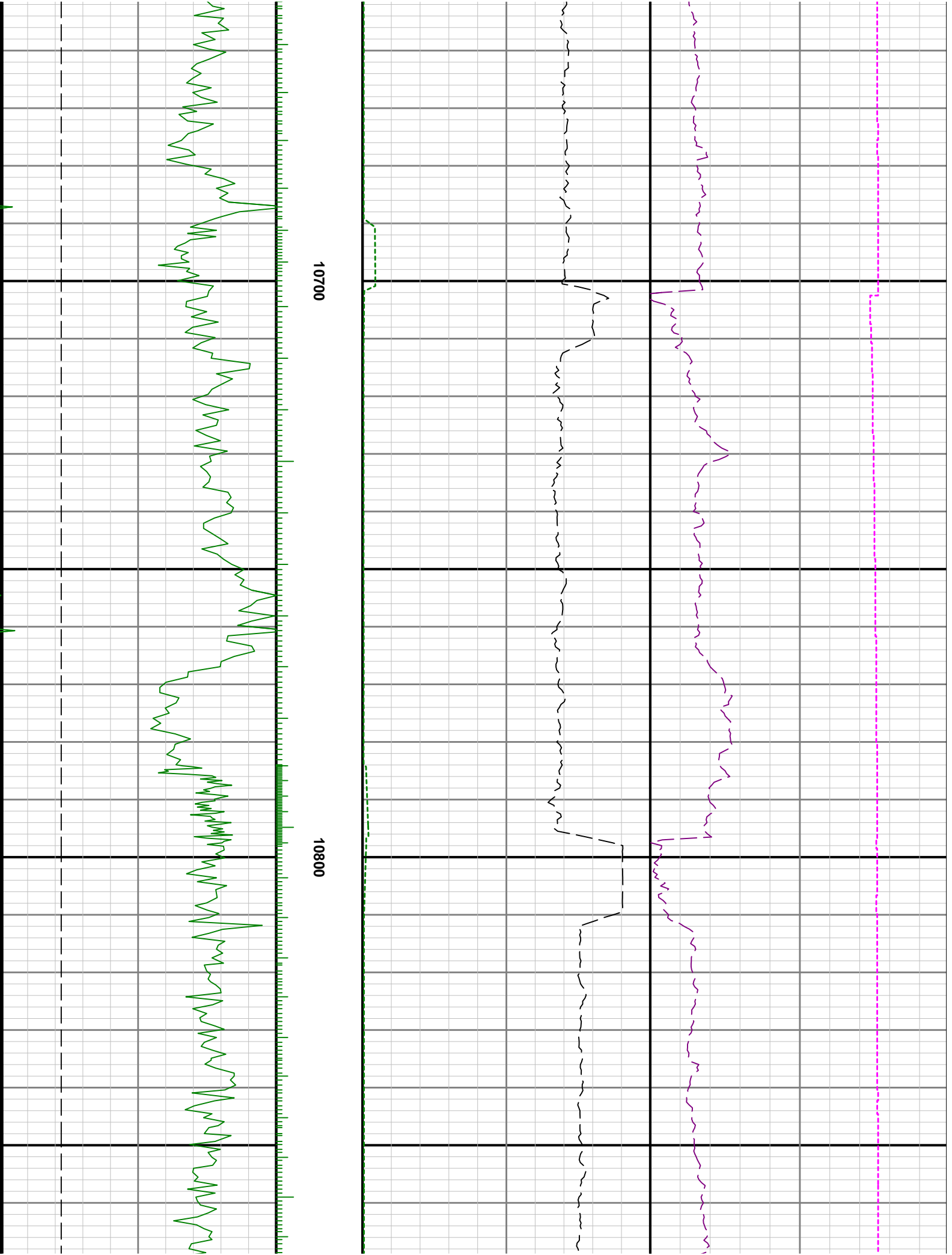


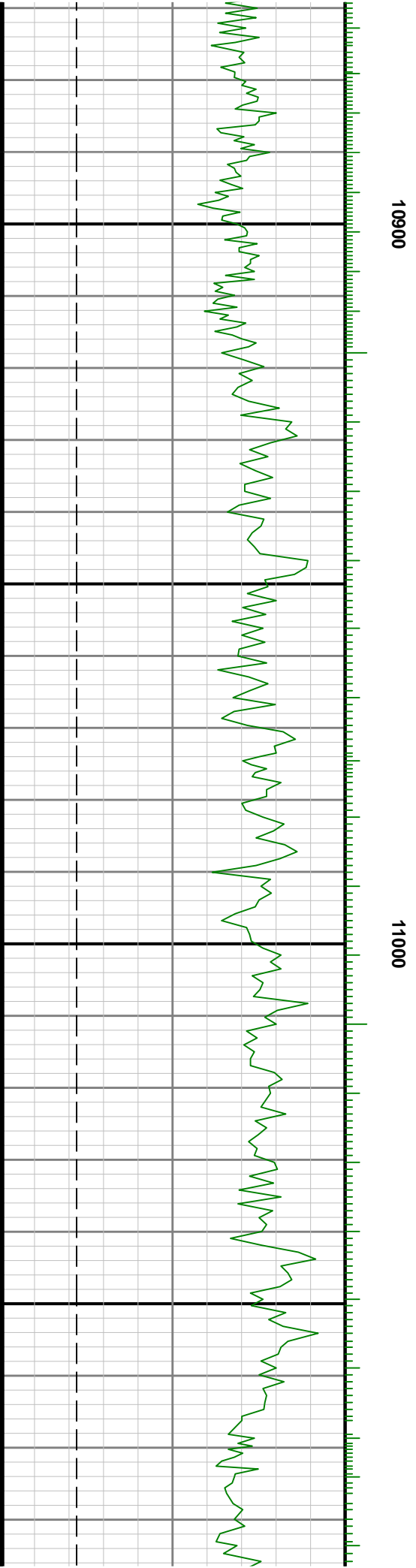
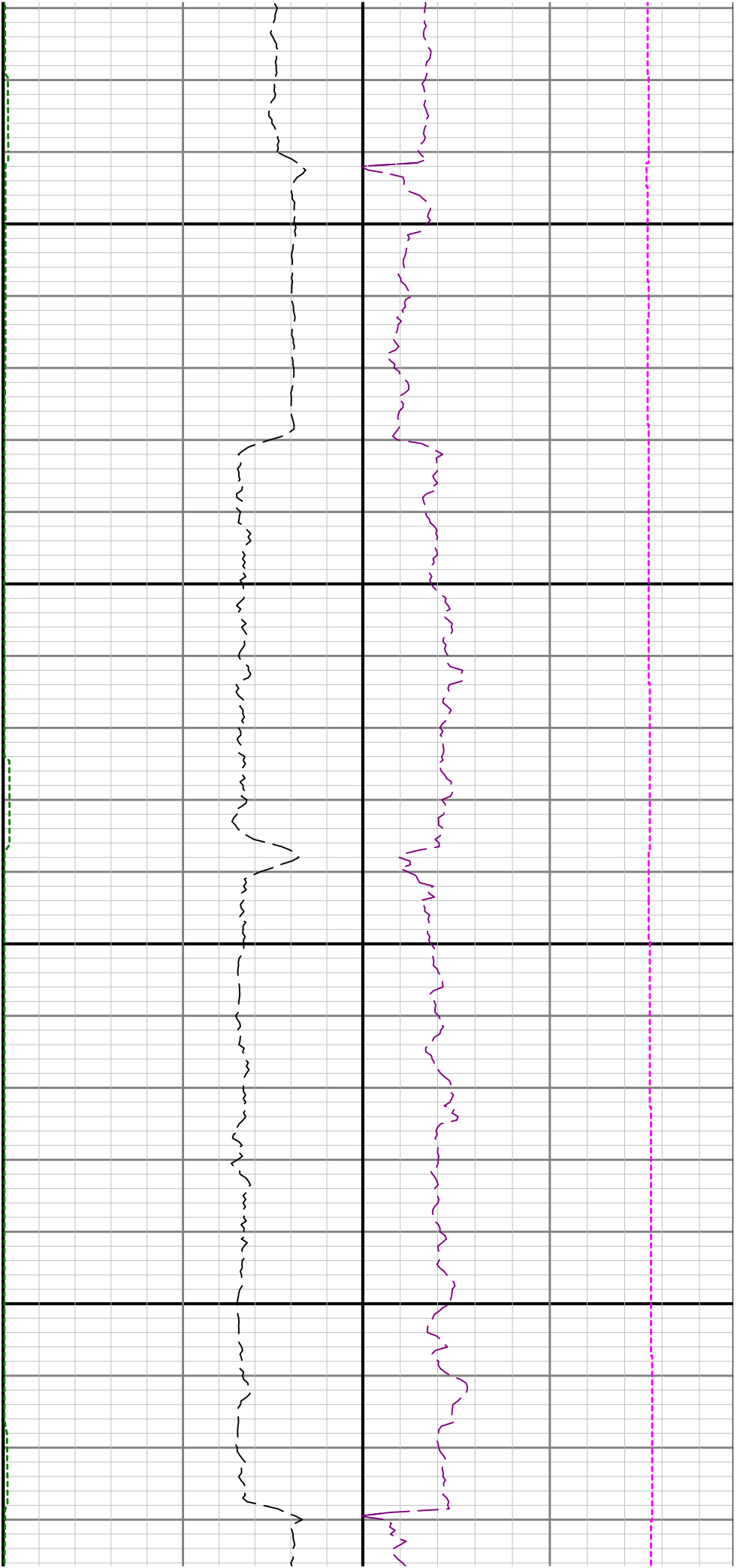
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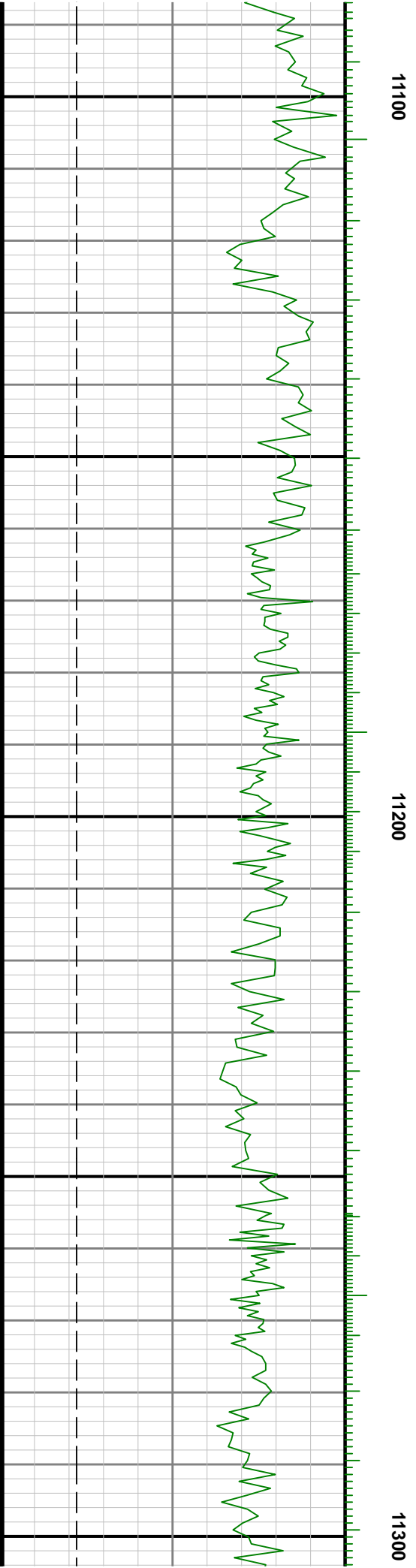
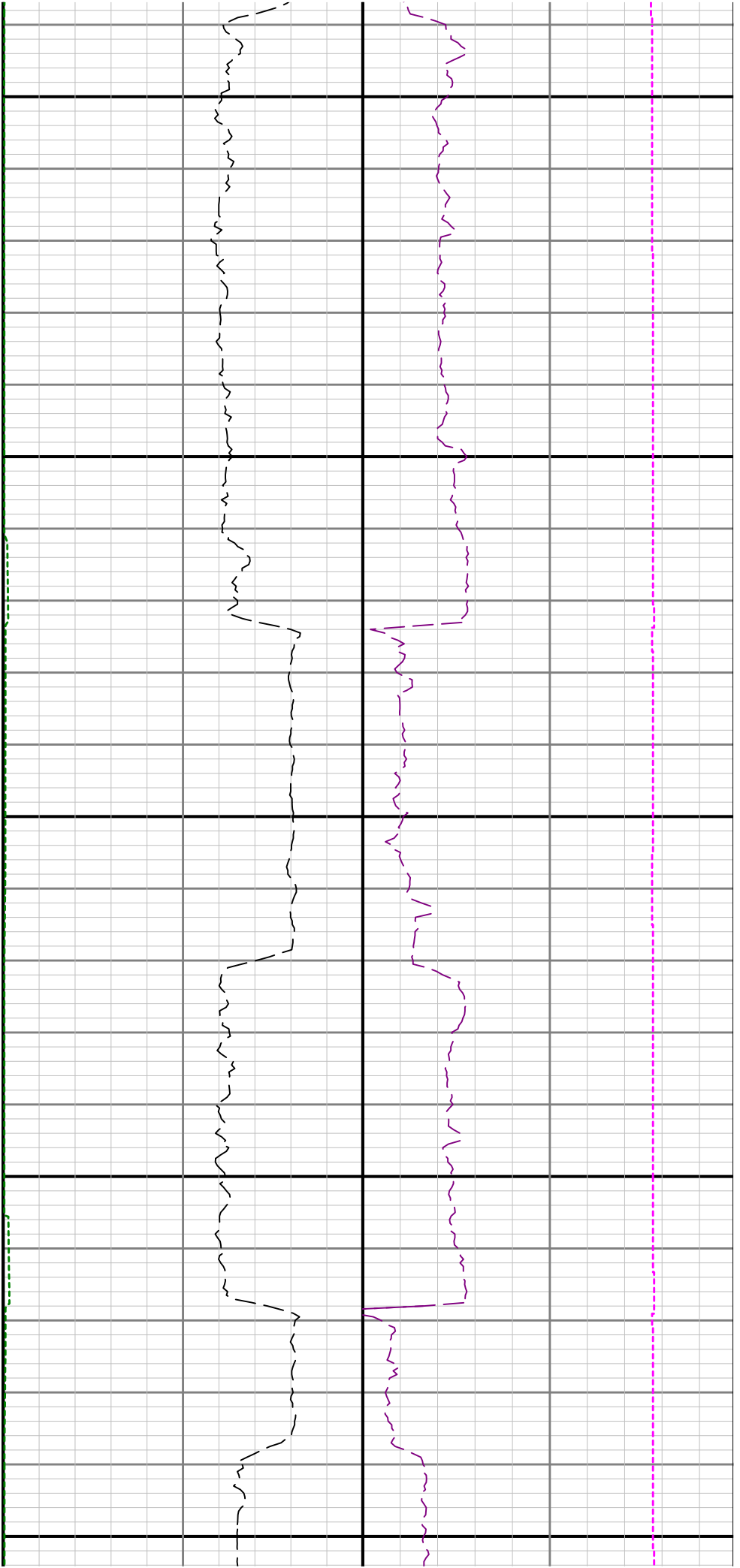
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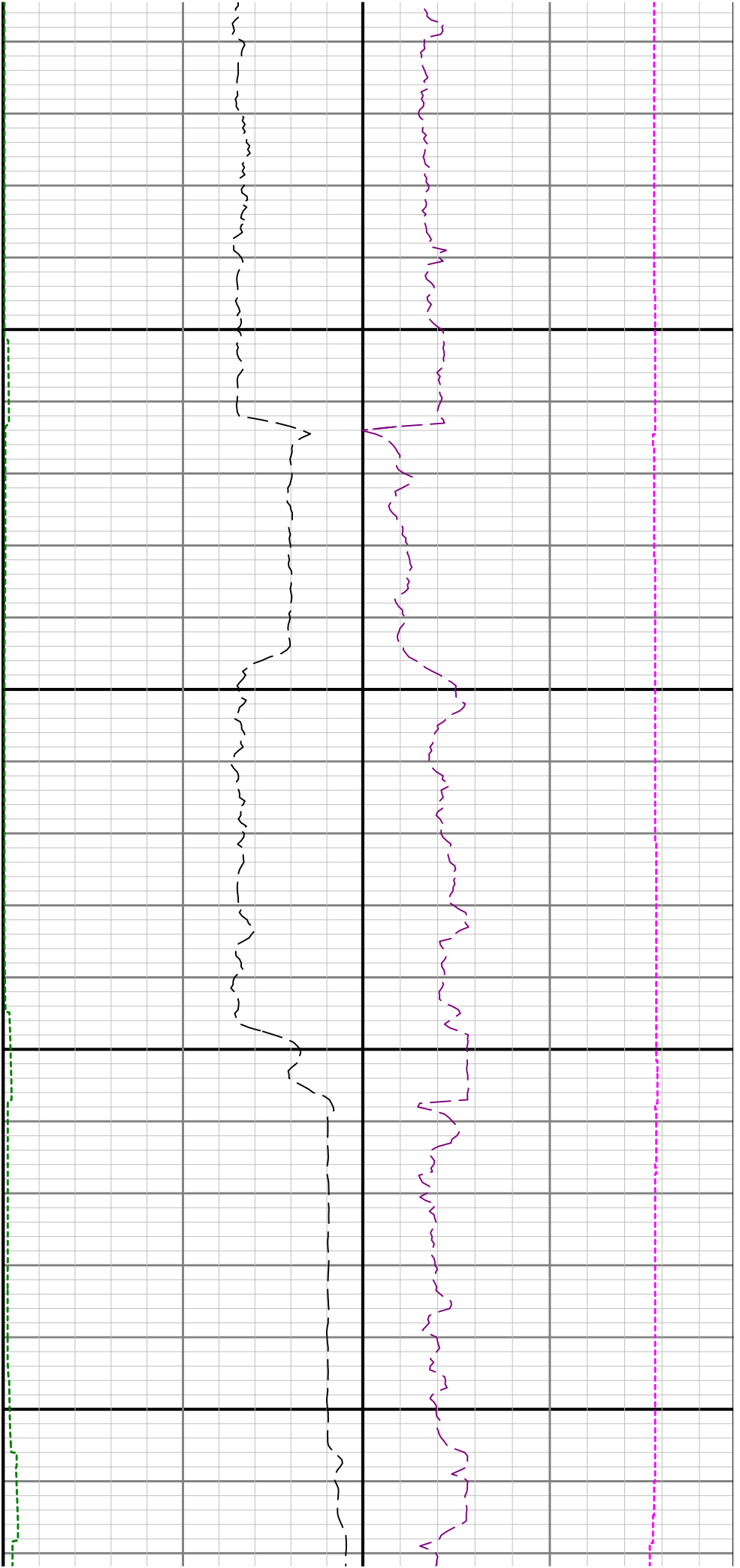






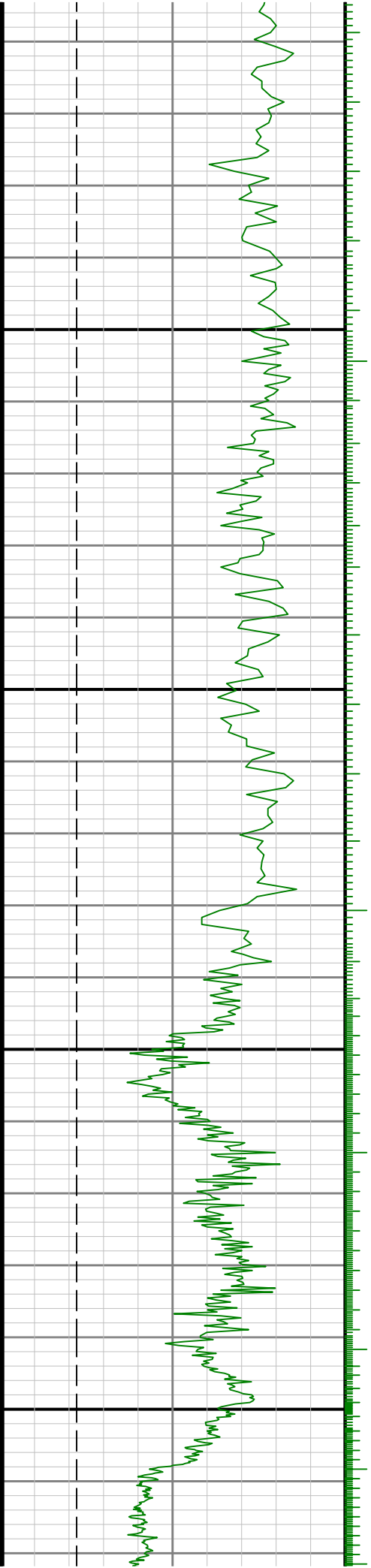


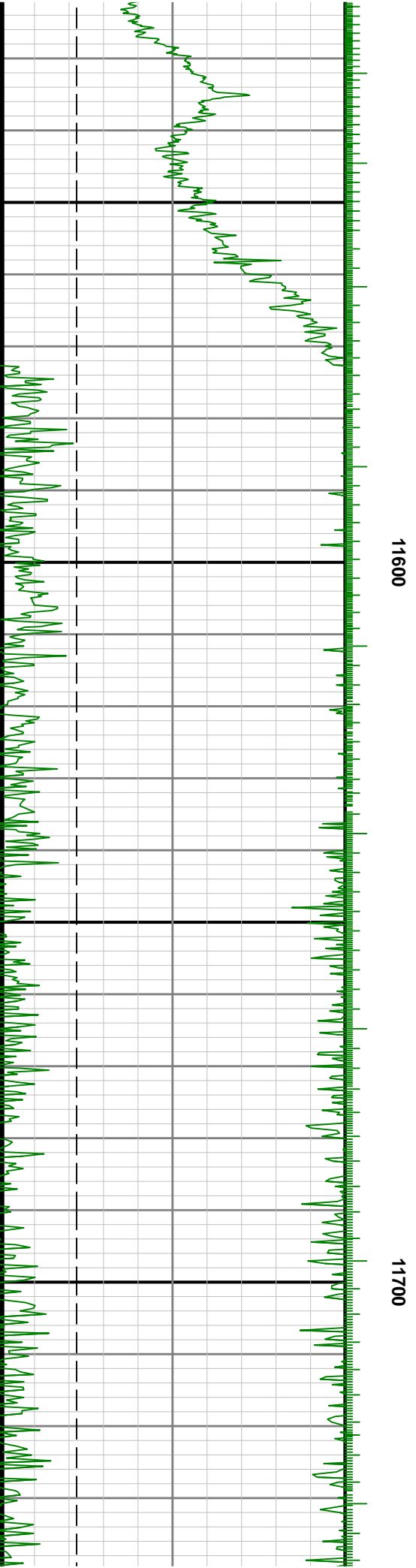
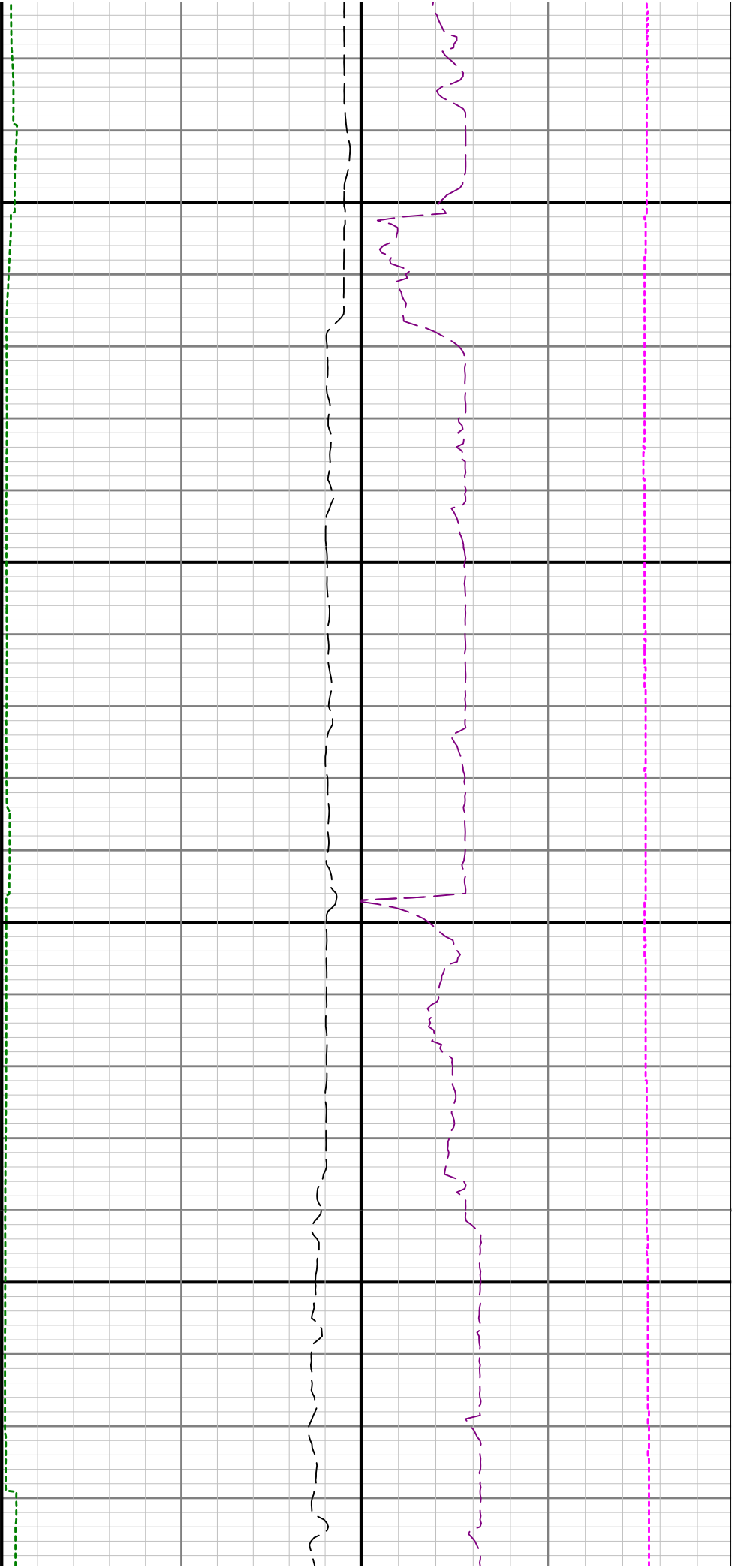


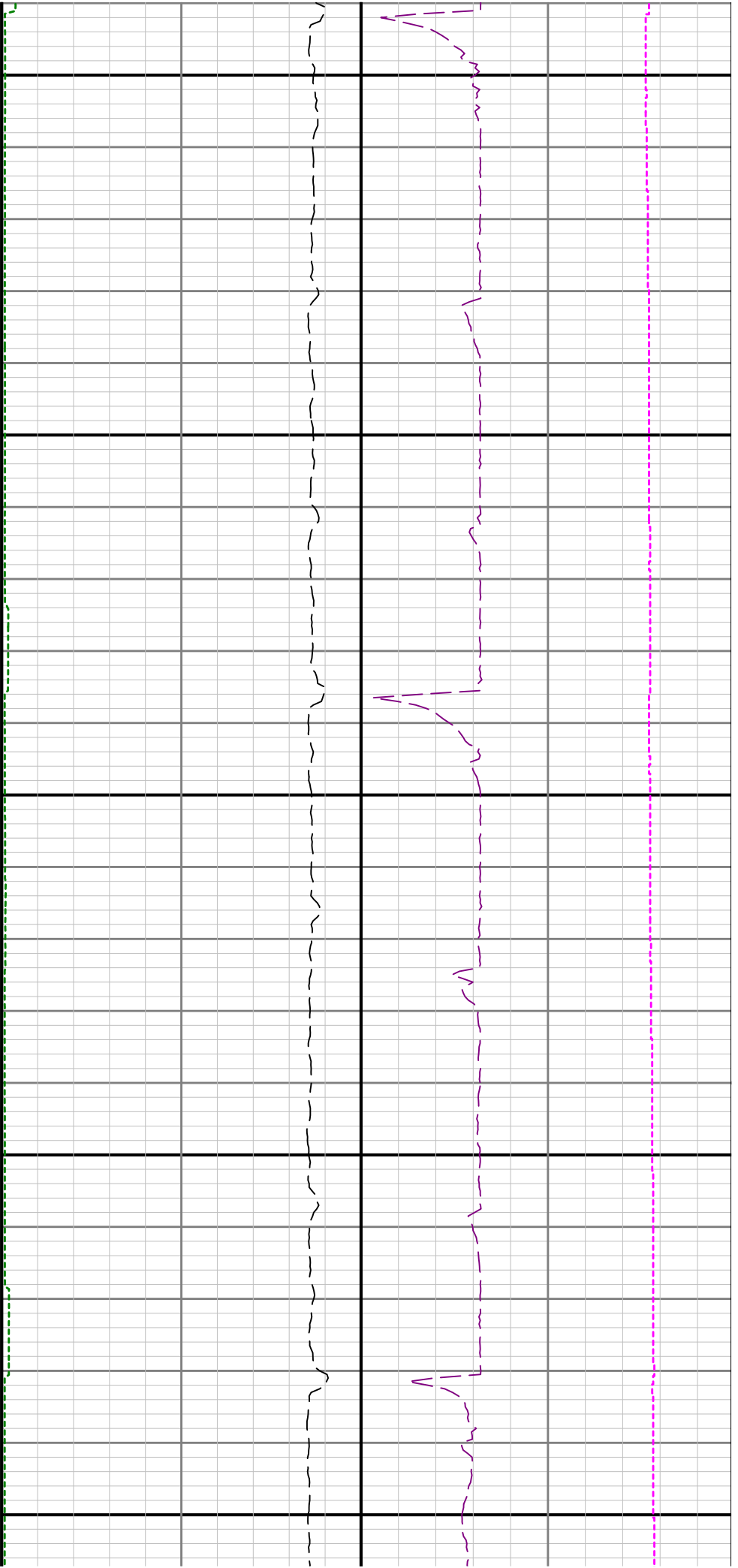


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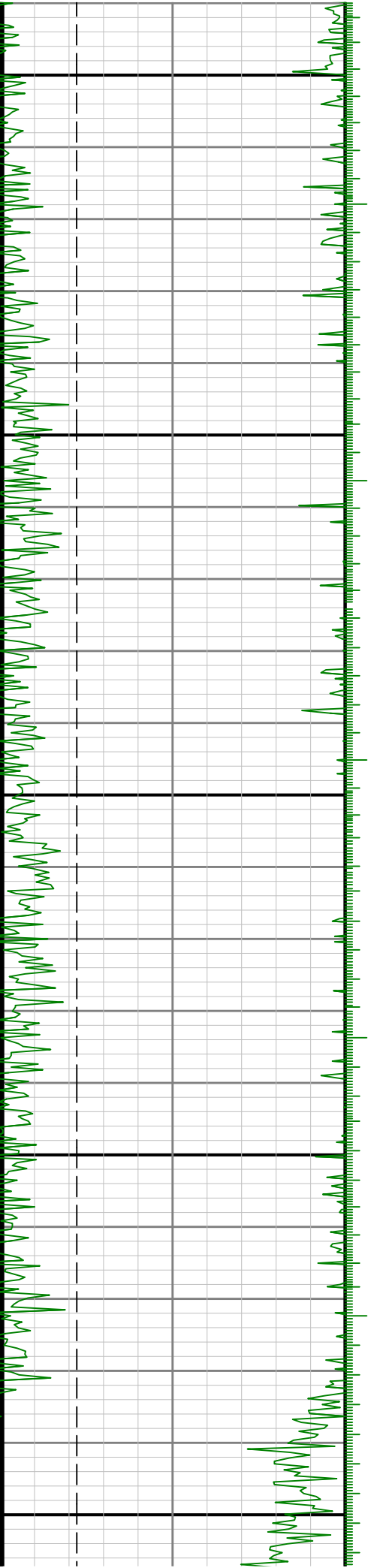


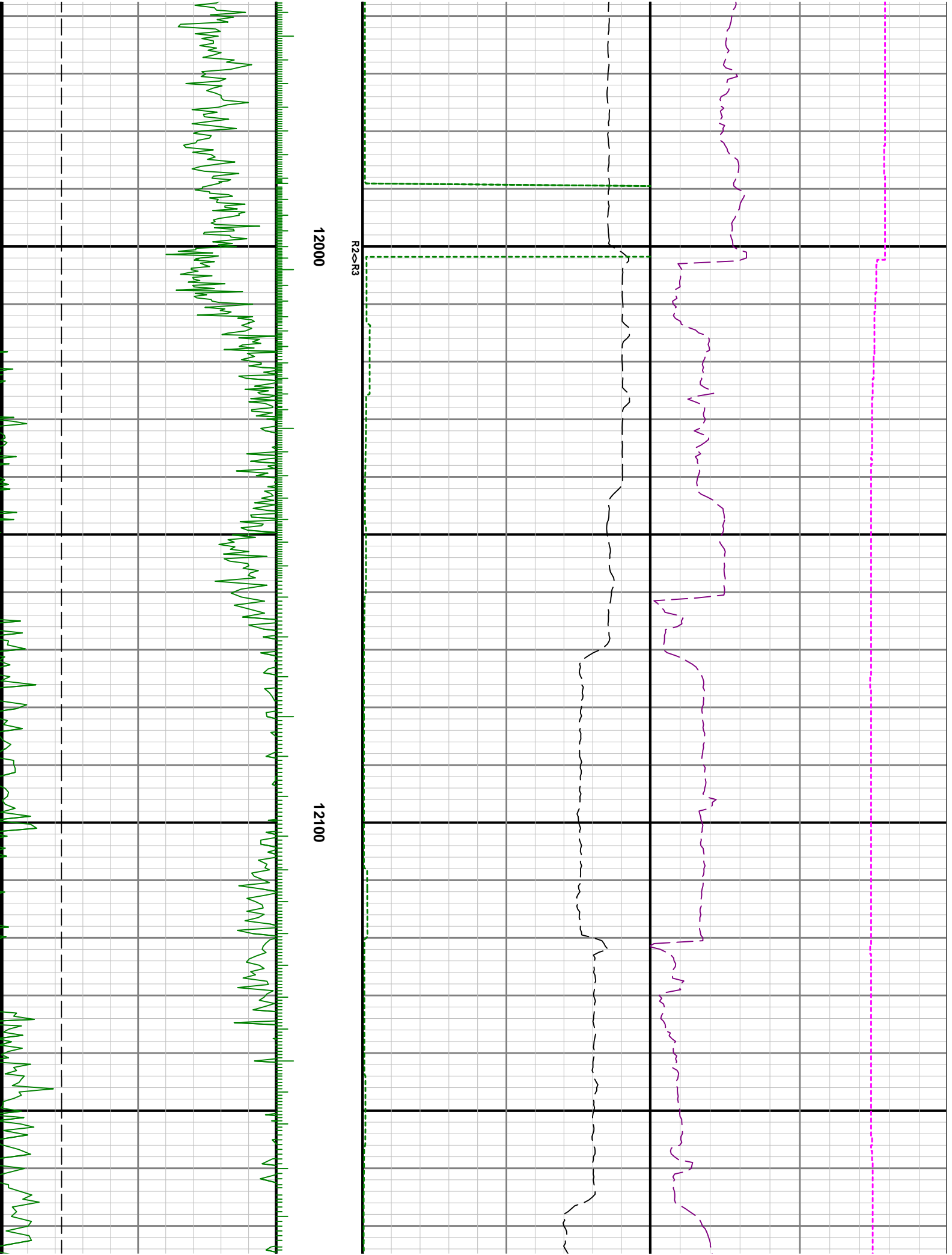


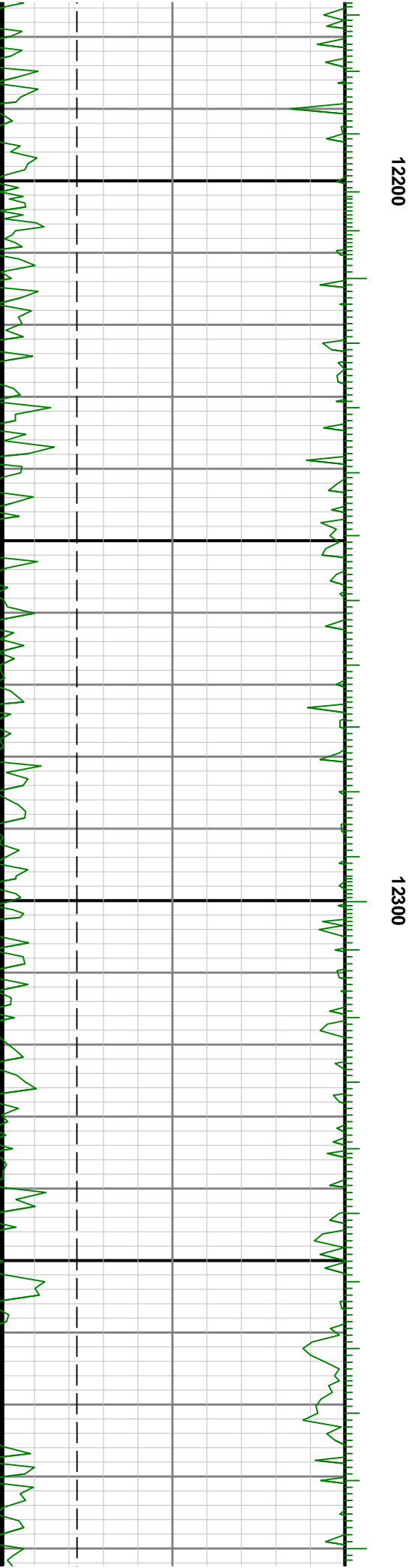
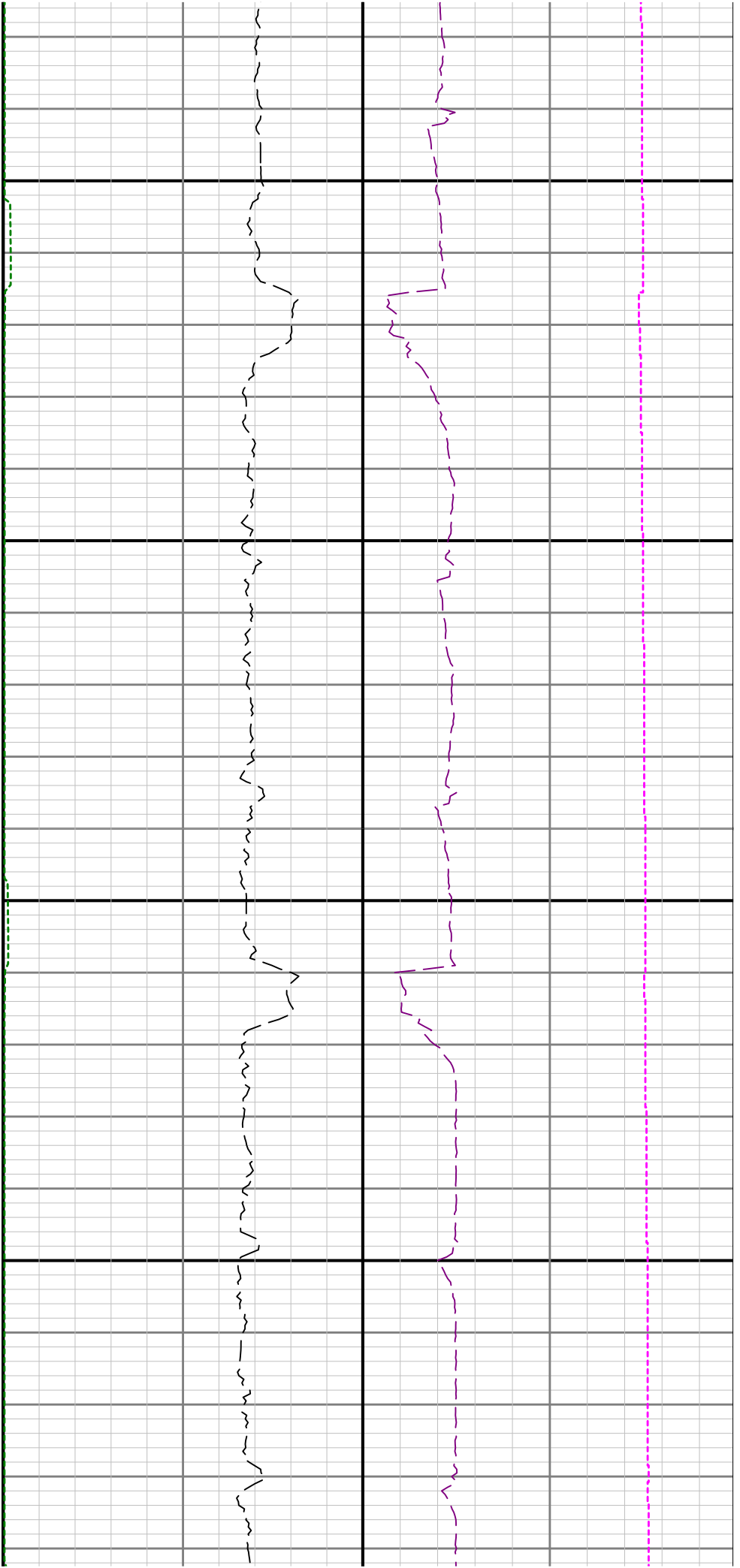


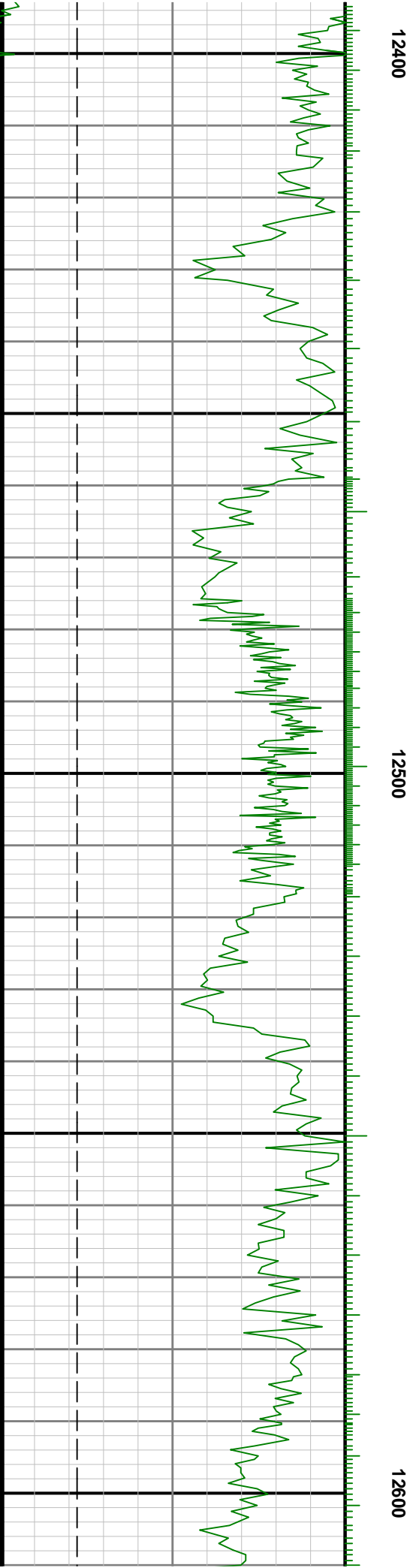
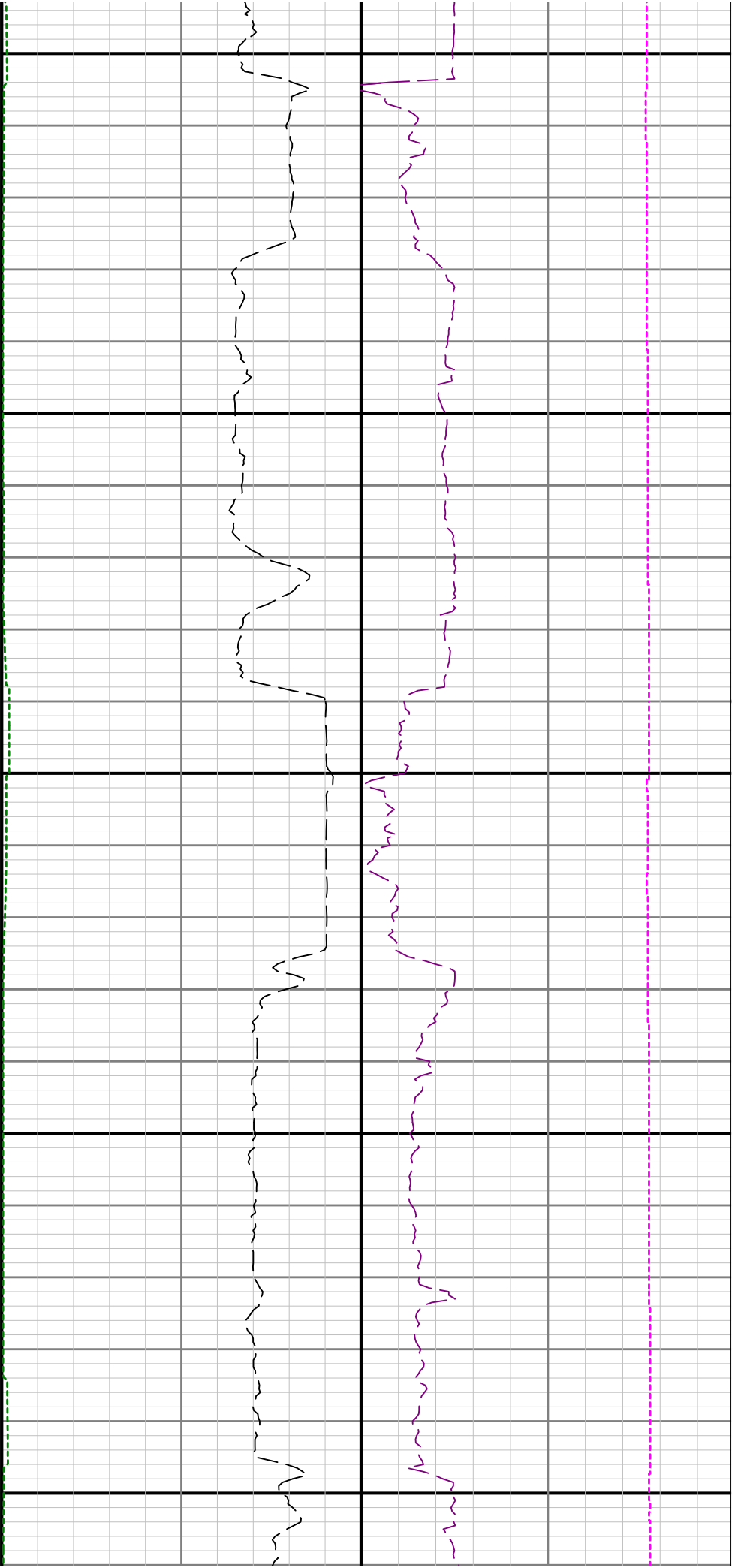
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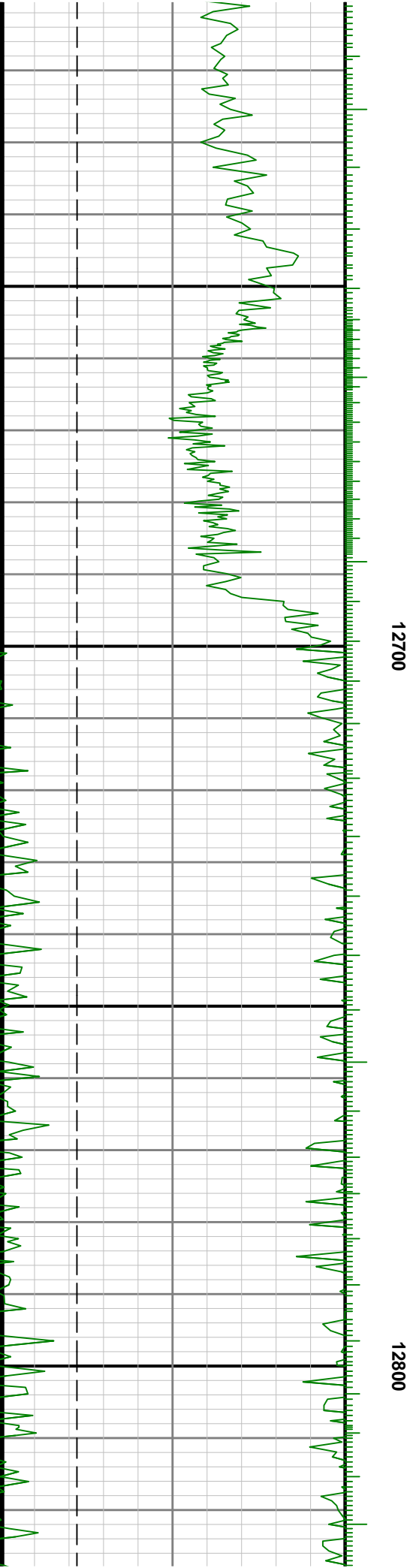
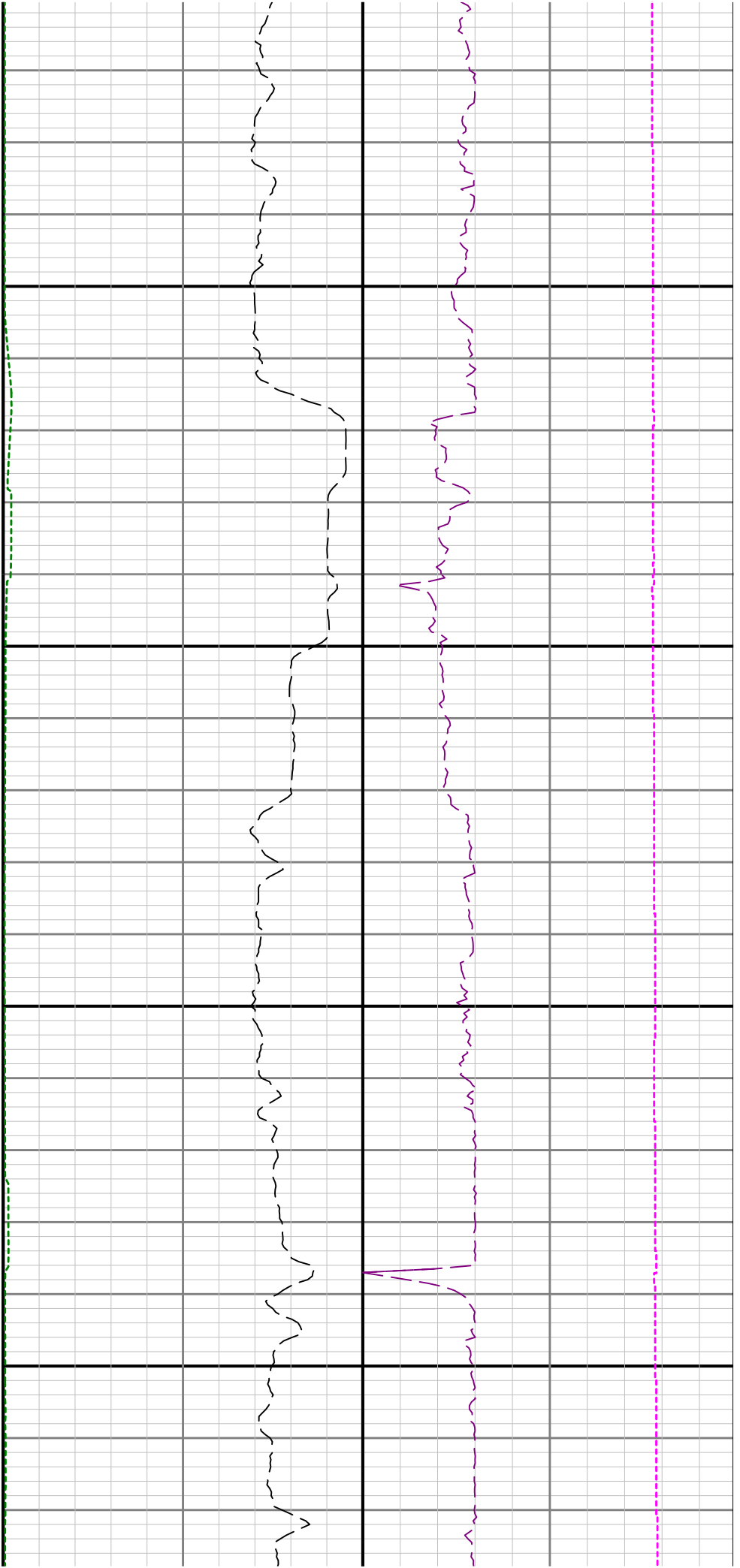
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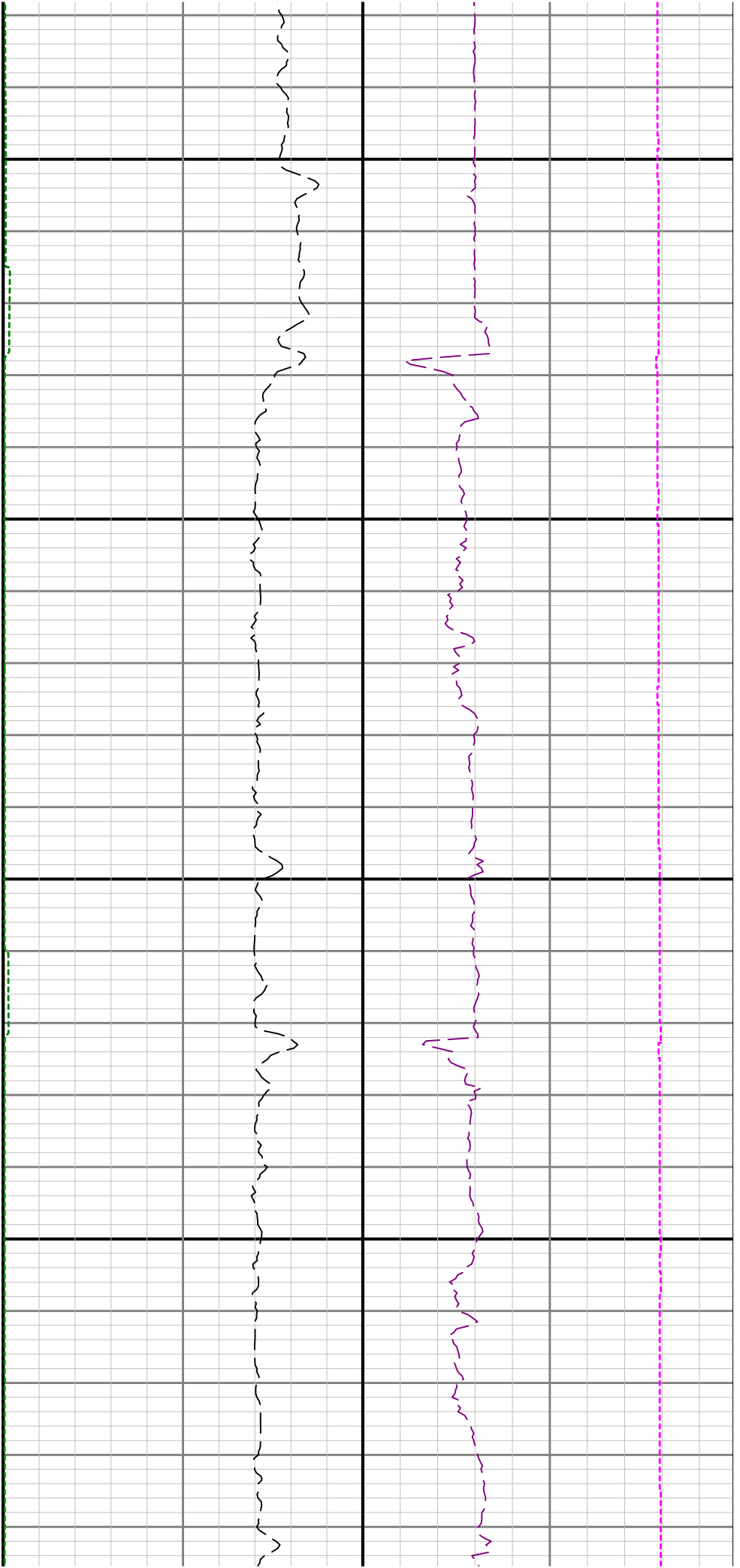






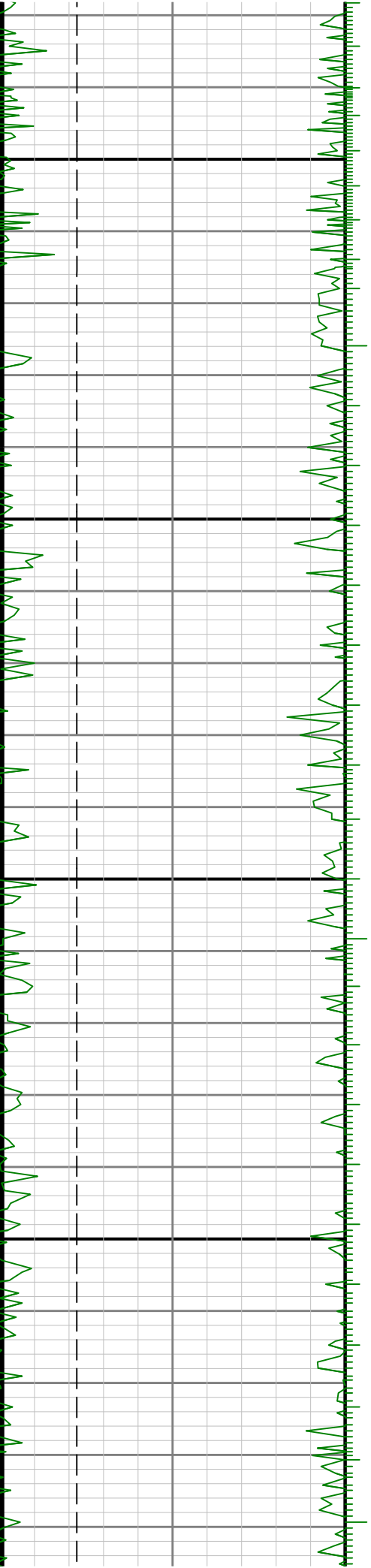


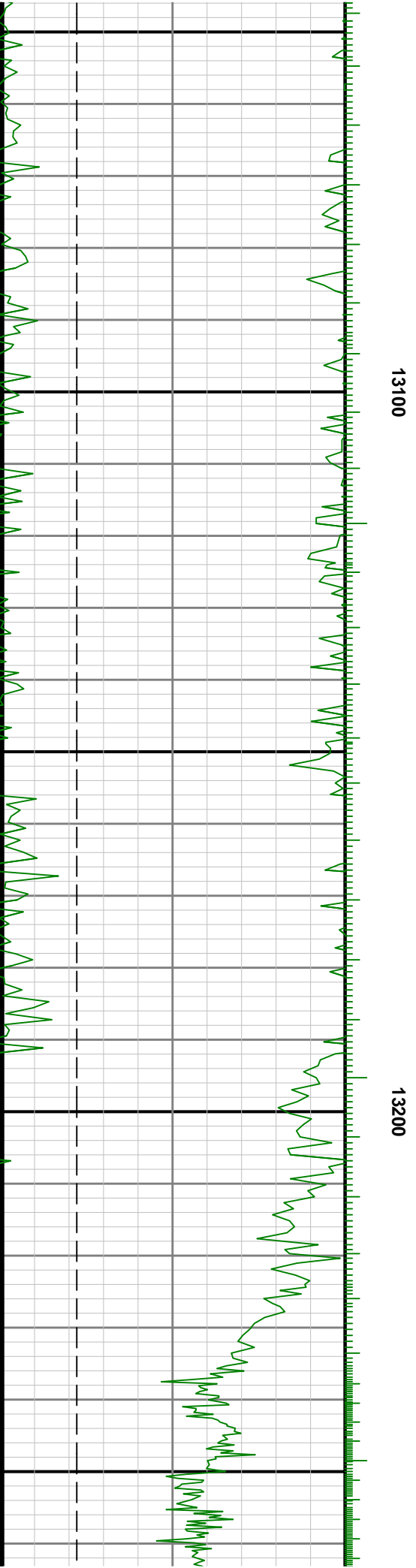
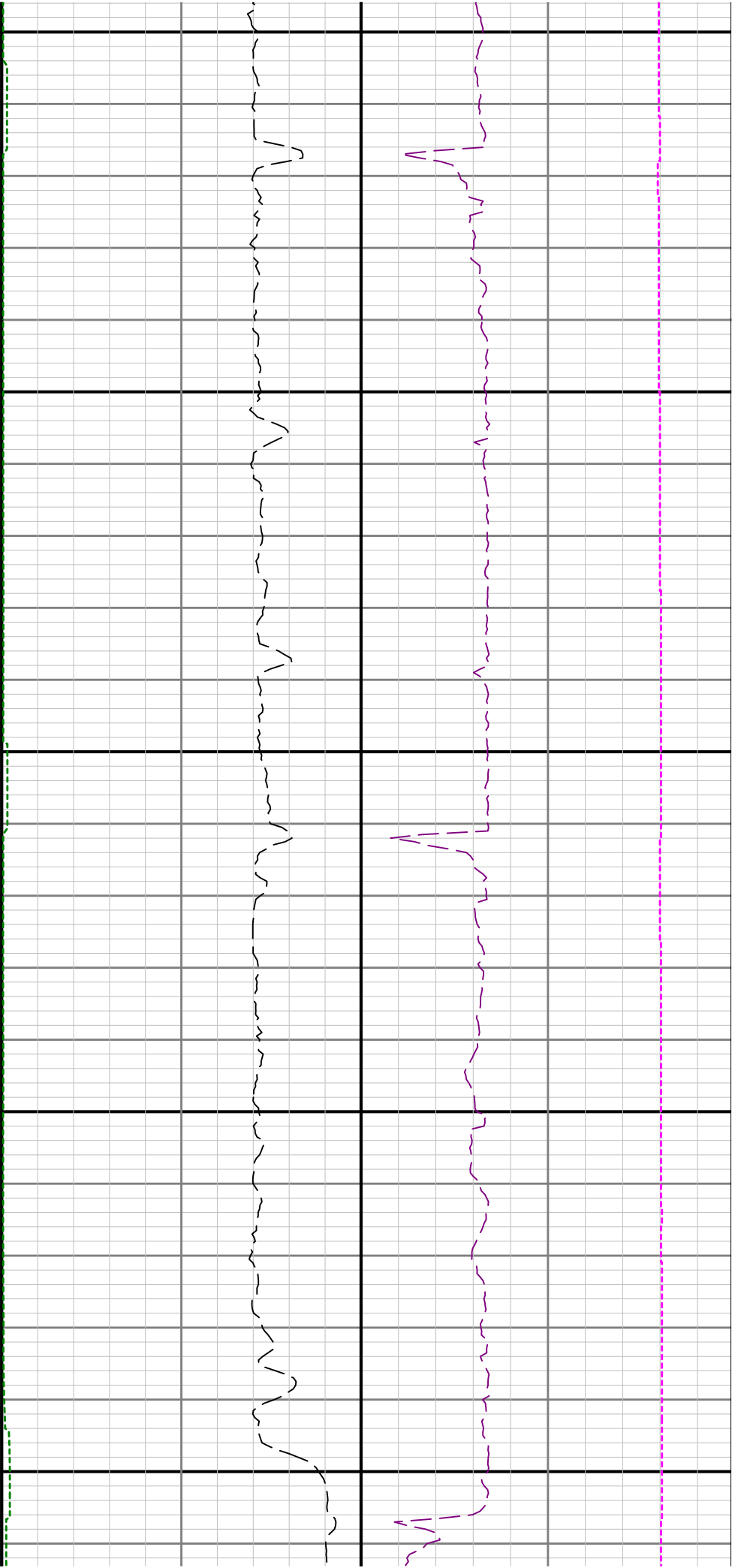


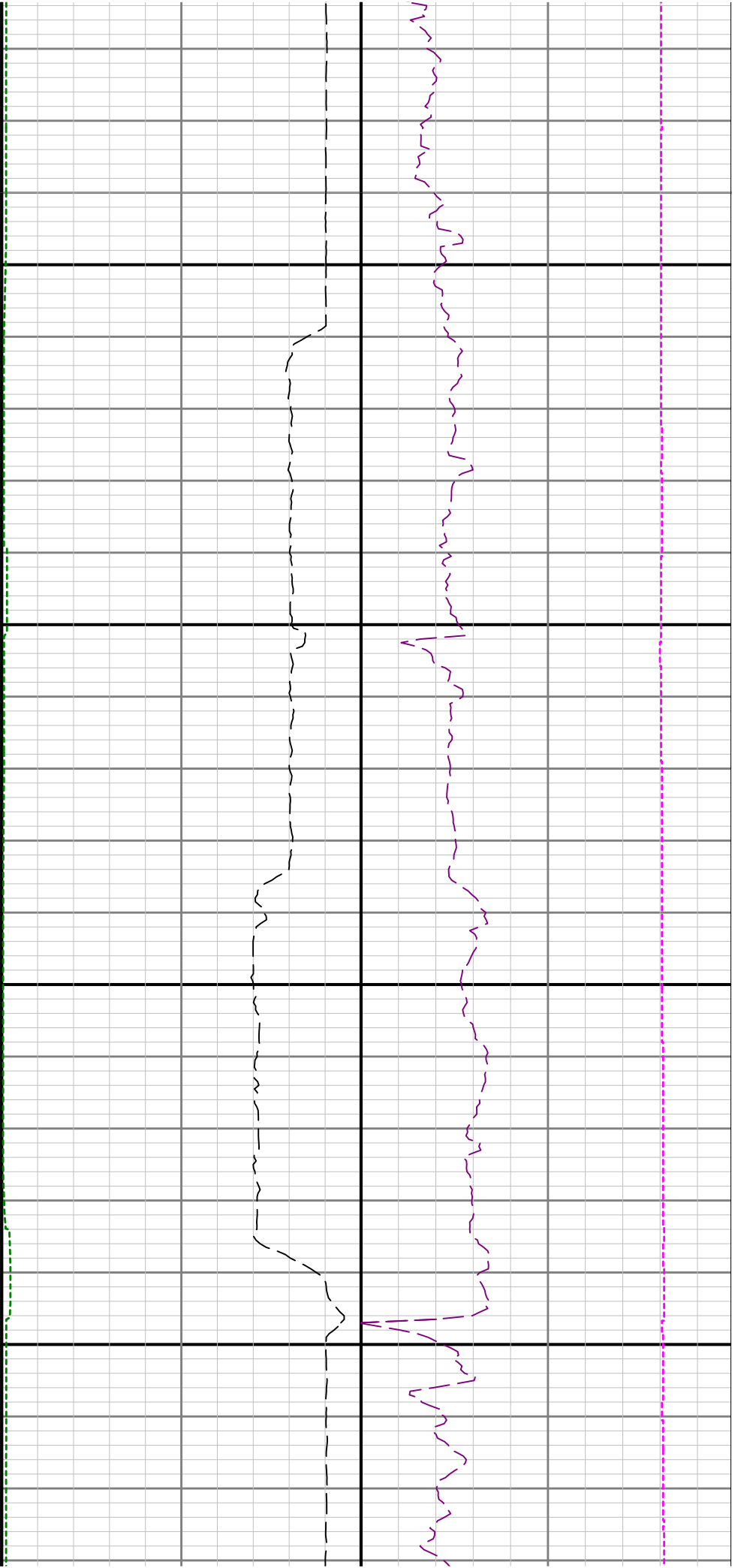


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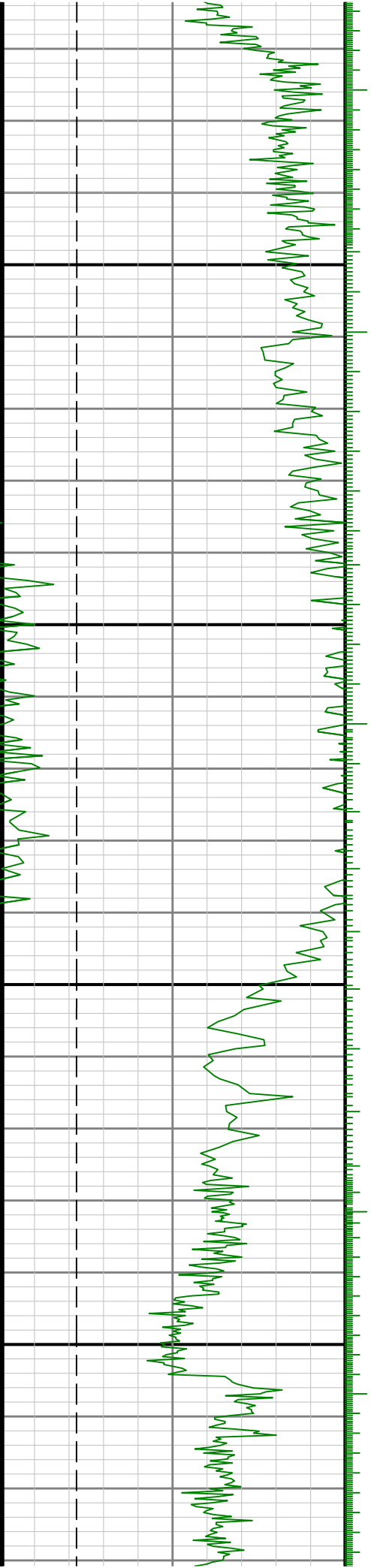


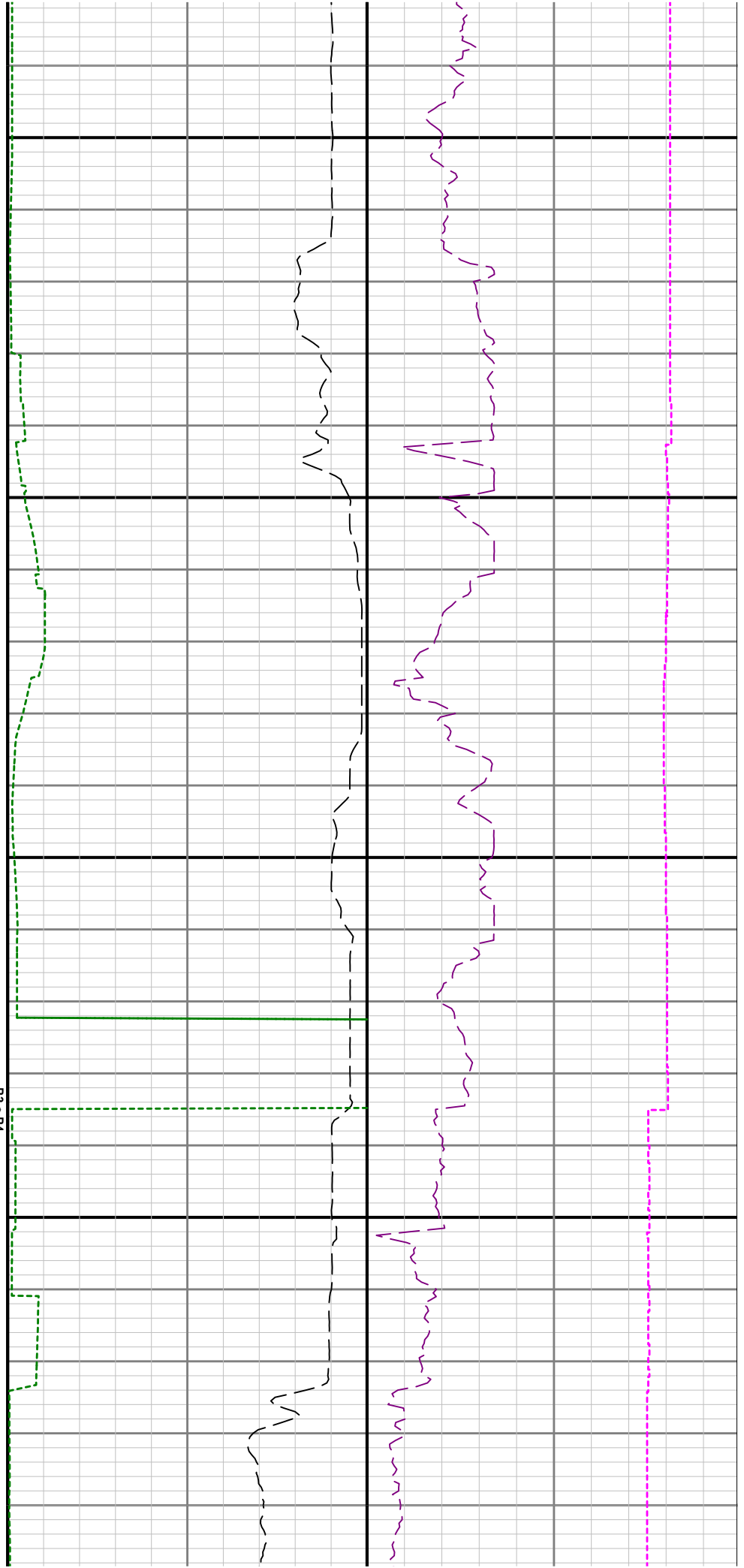




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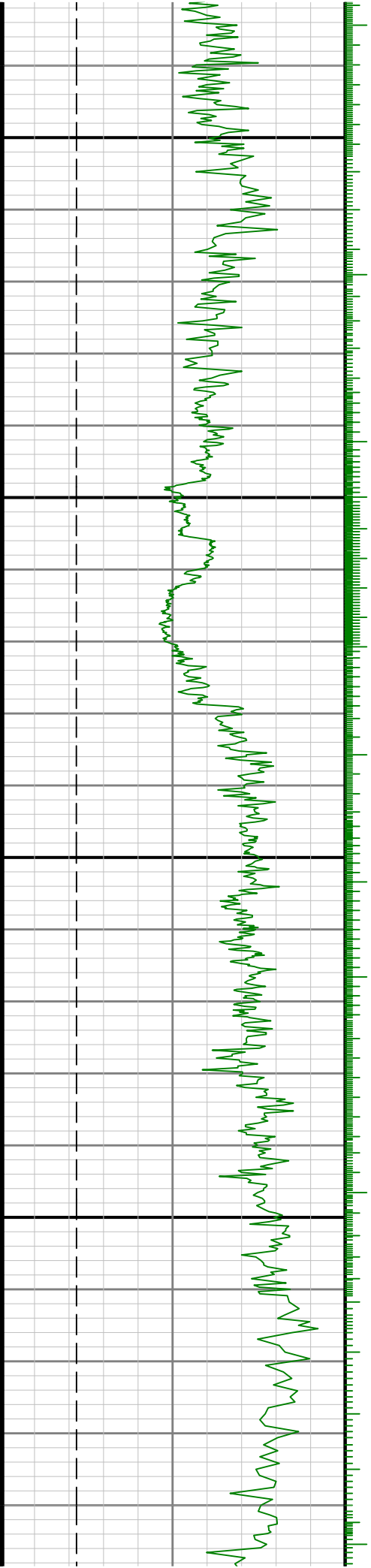


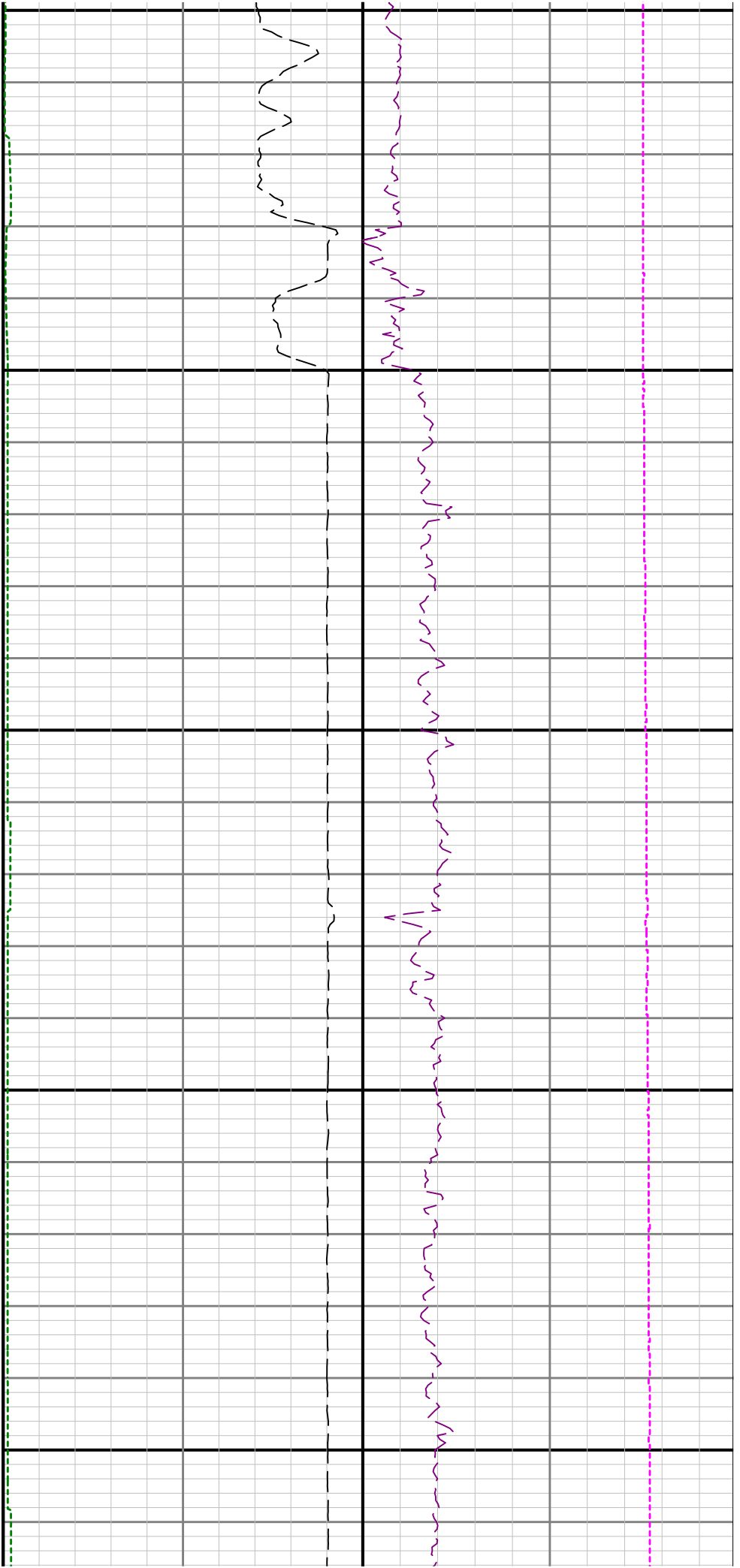


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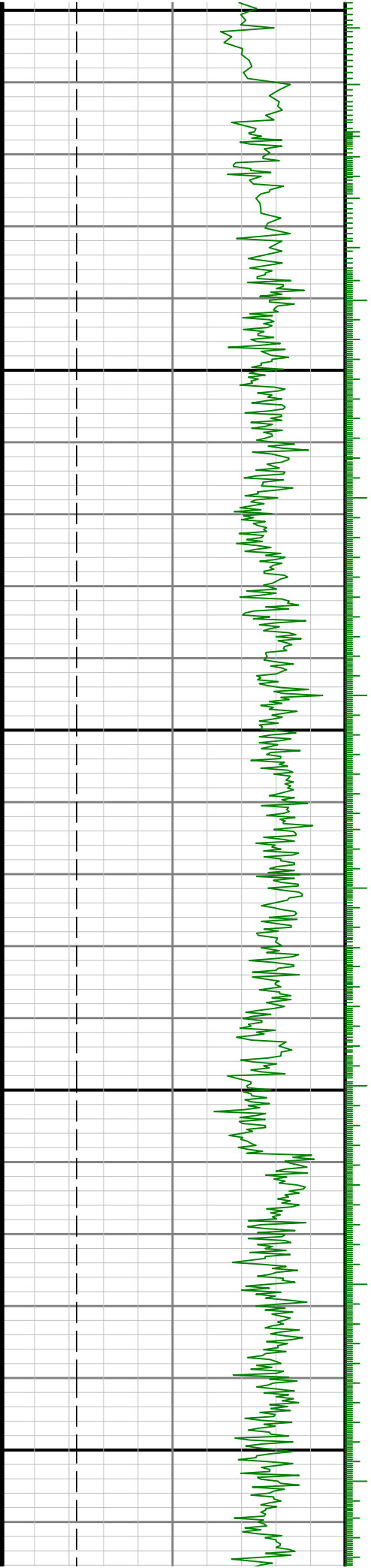


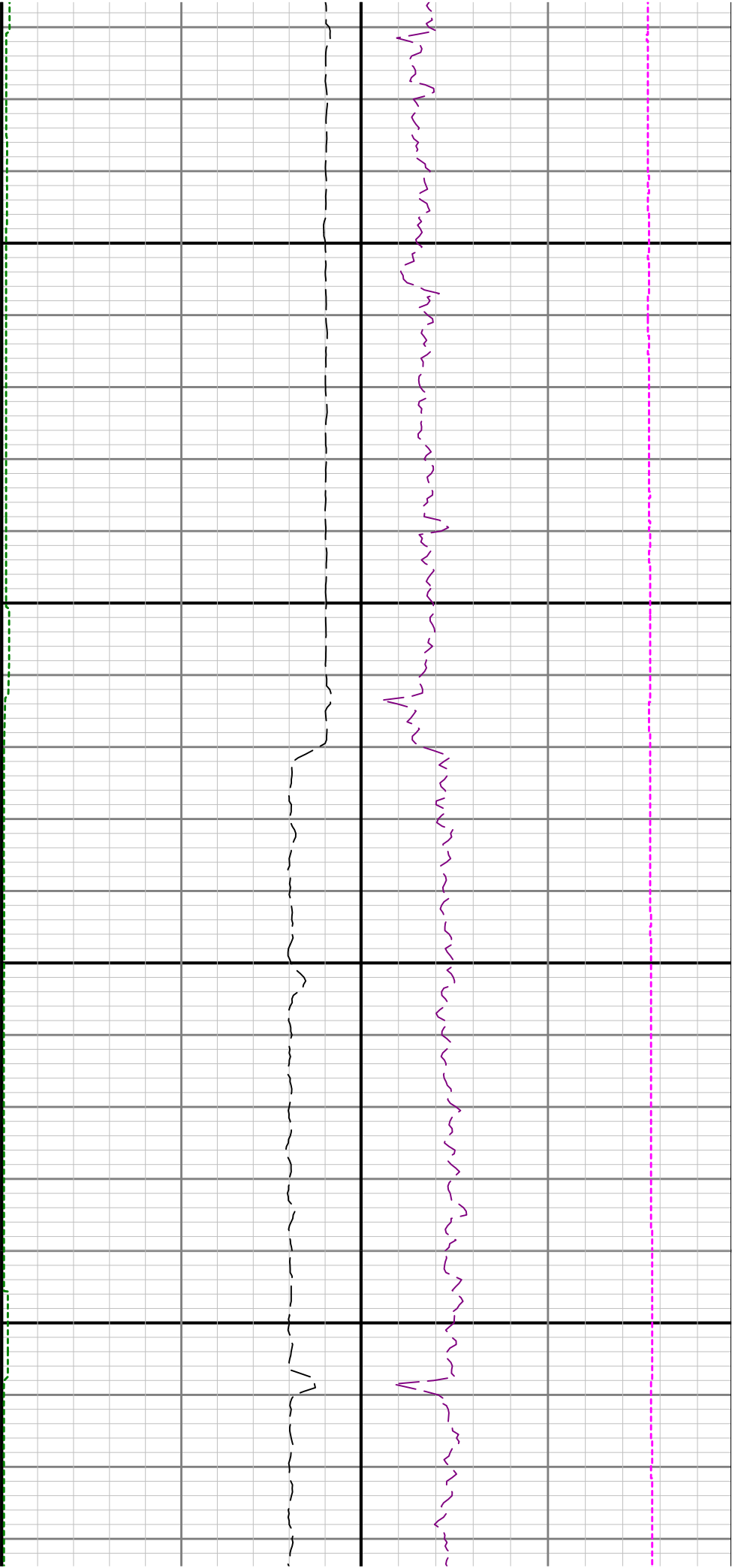


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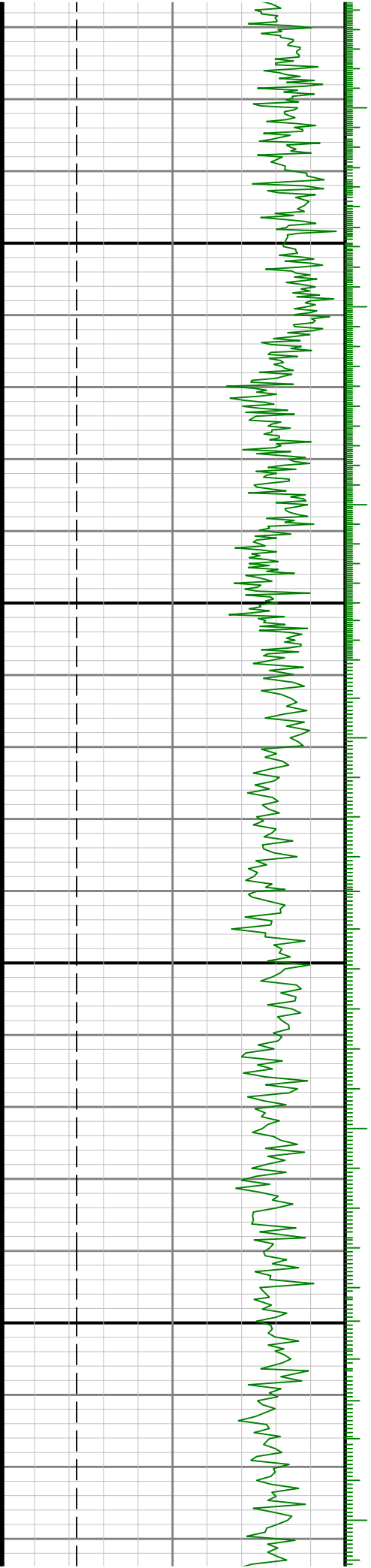
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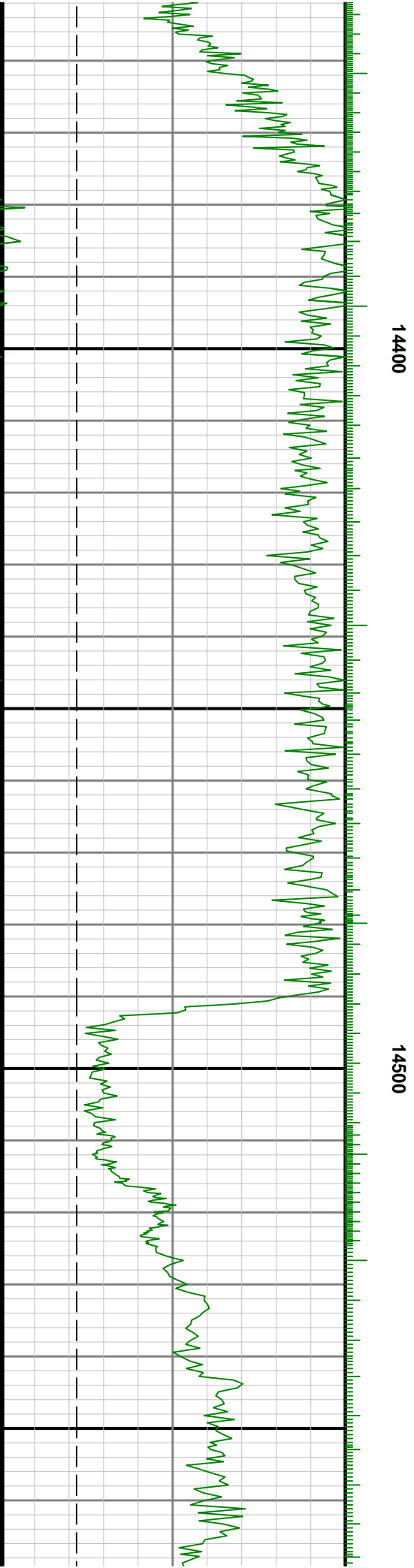


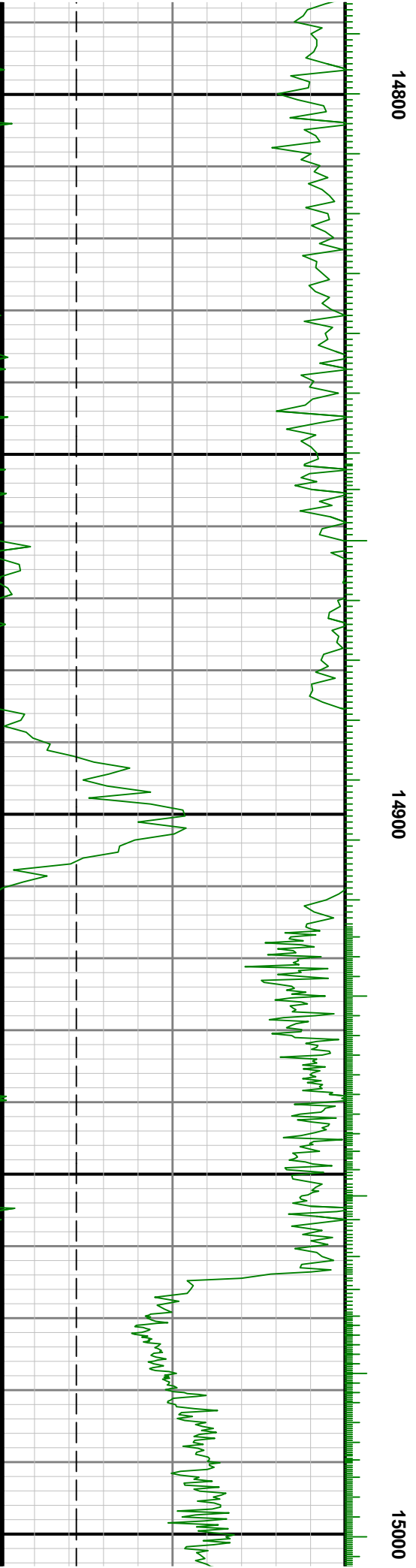
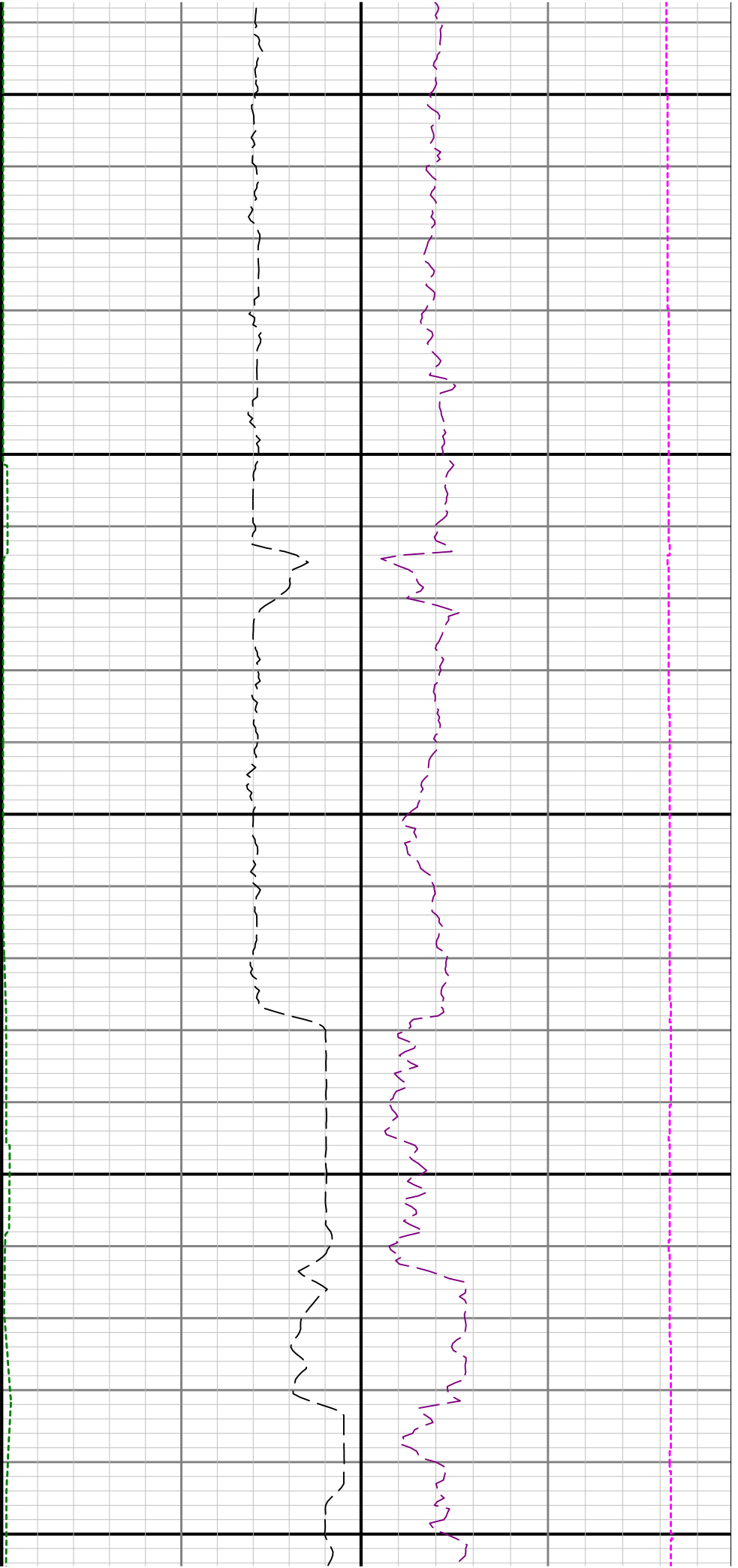


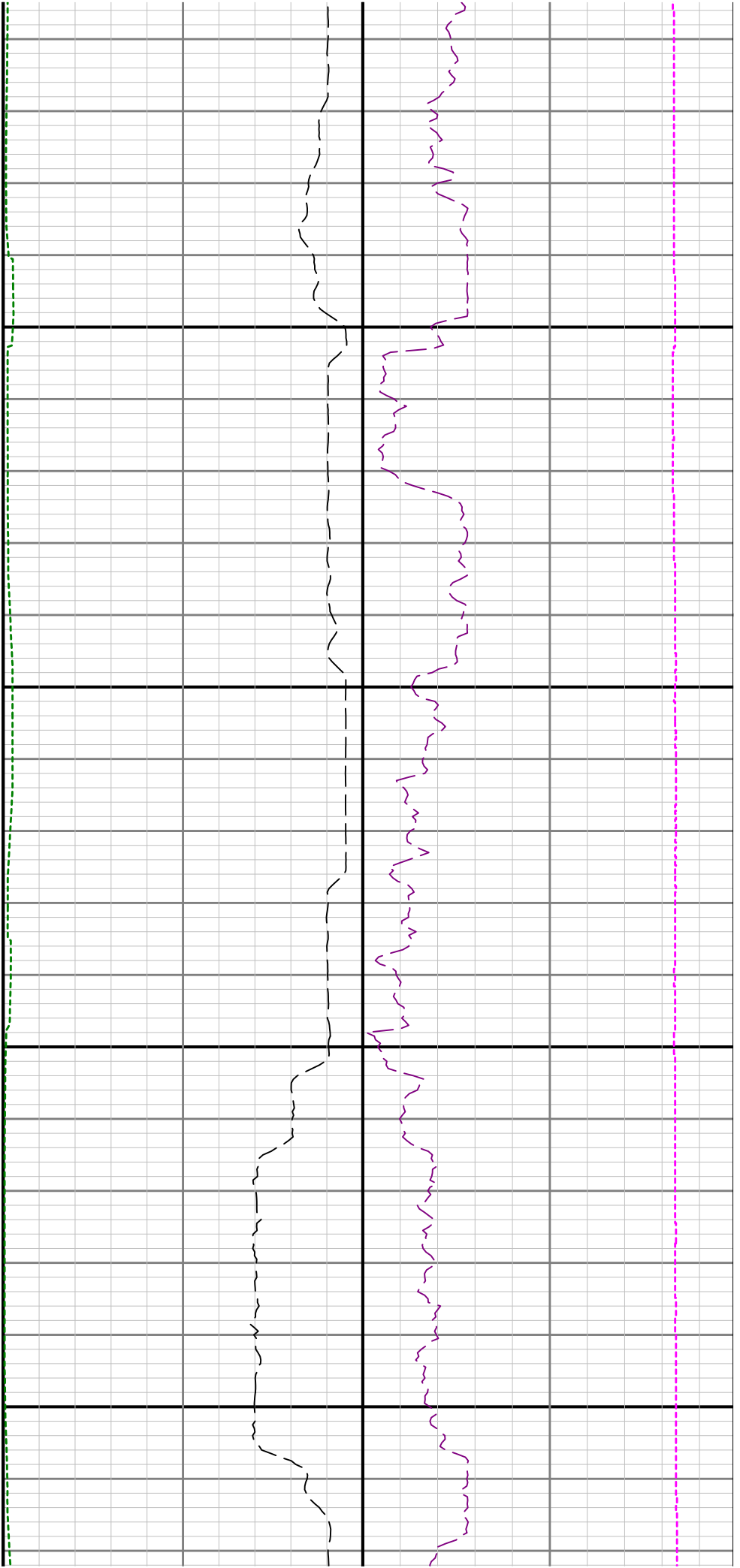
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15100

15200

