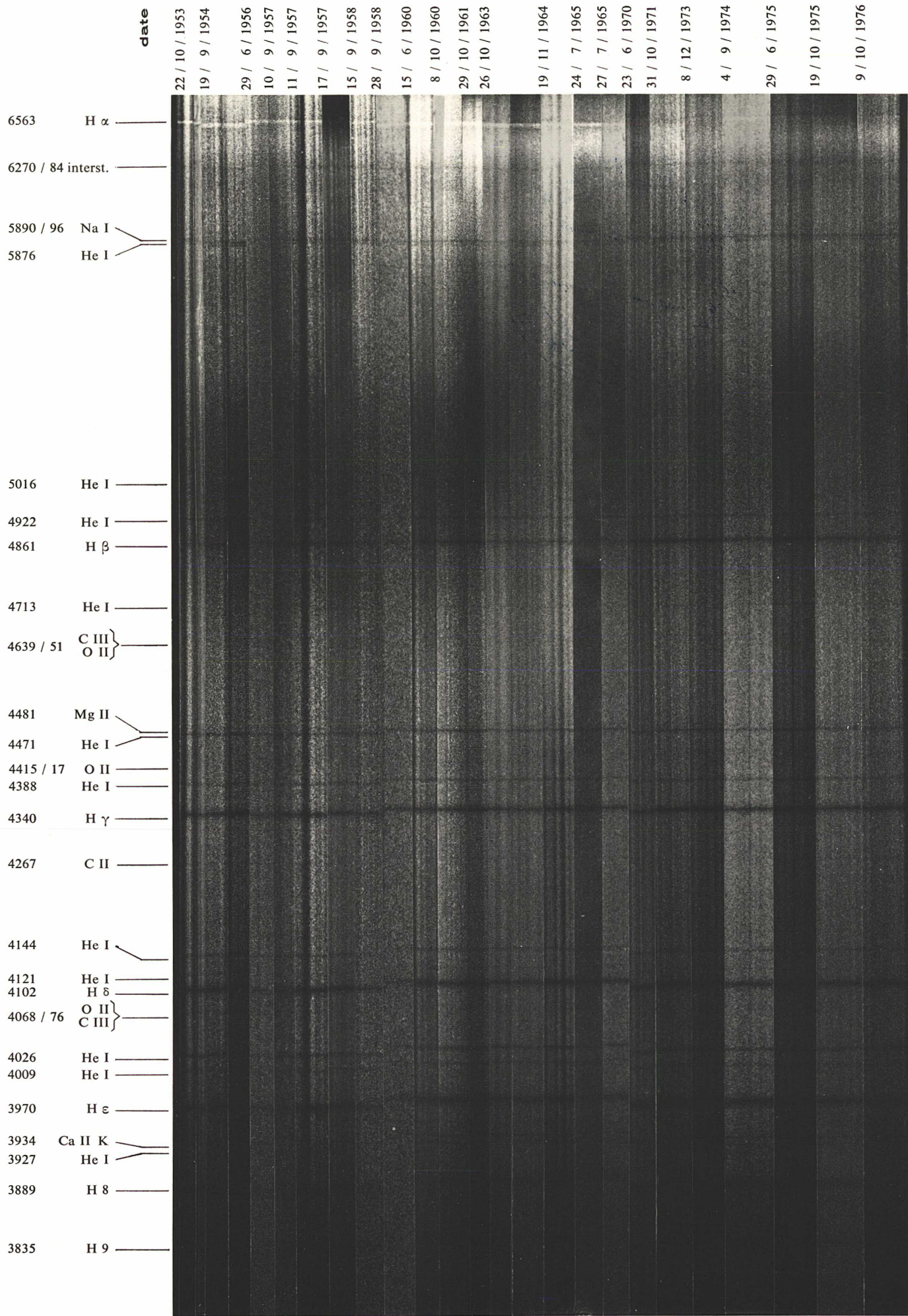
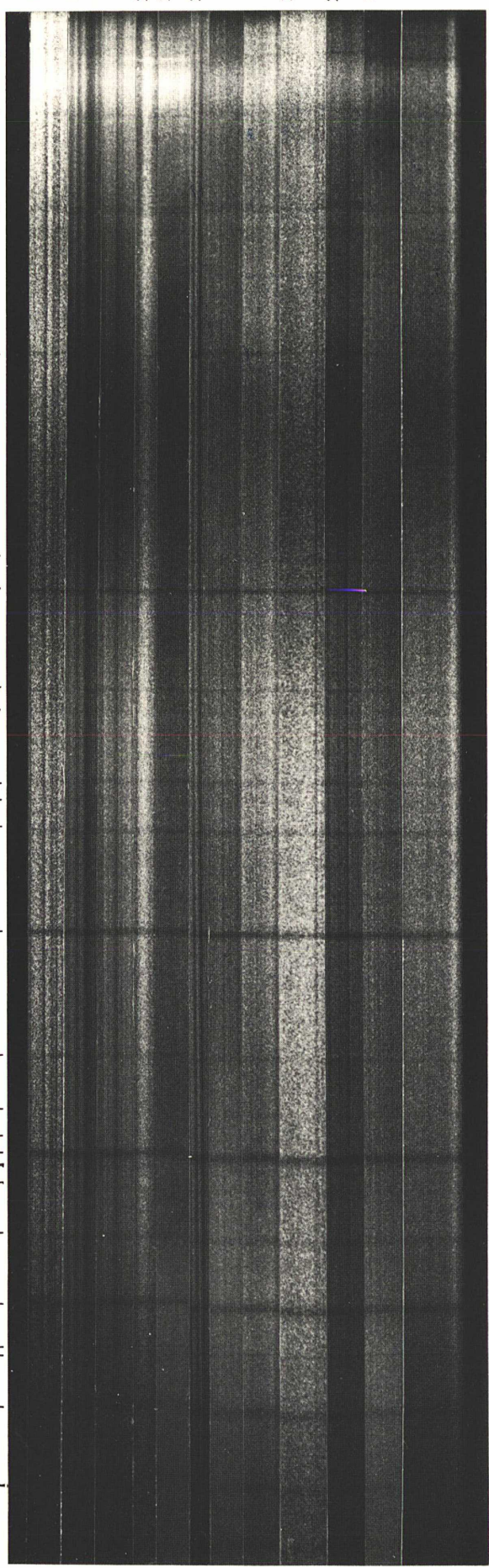


HD 205 551

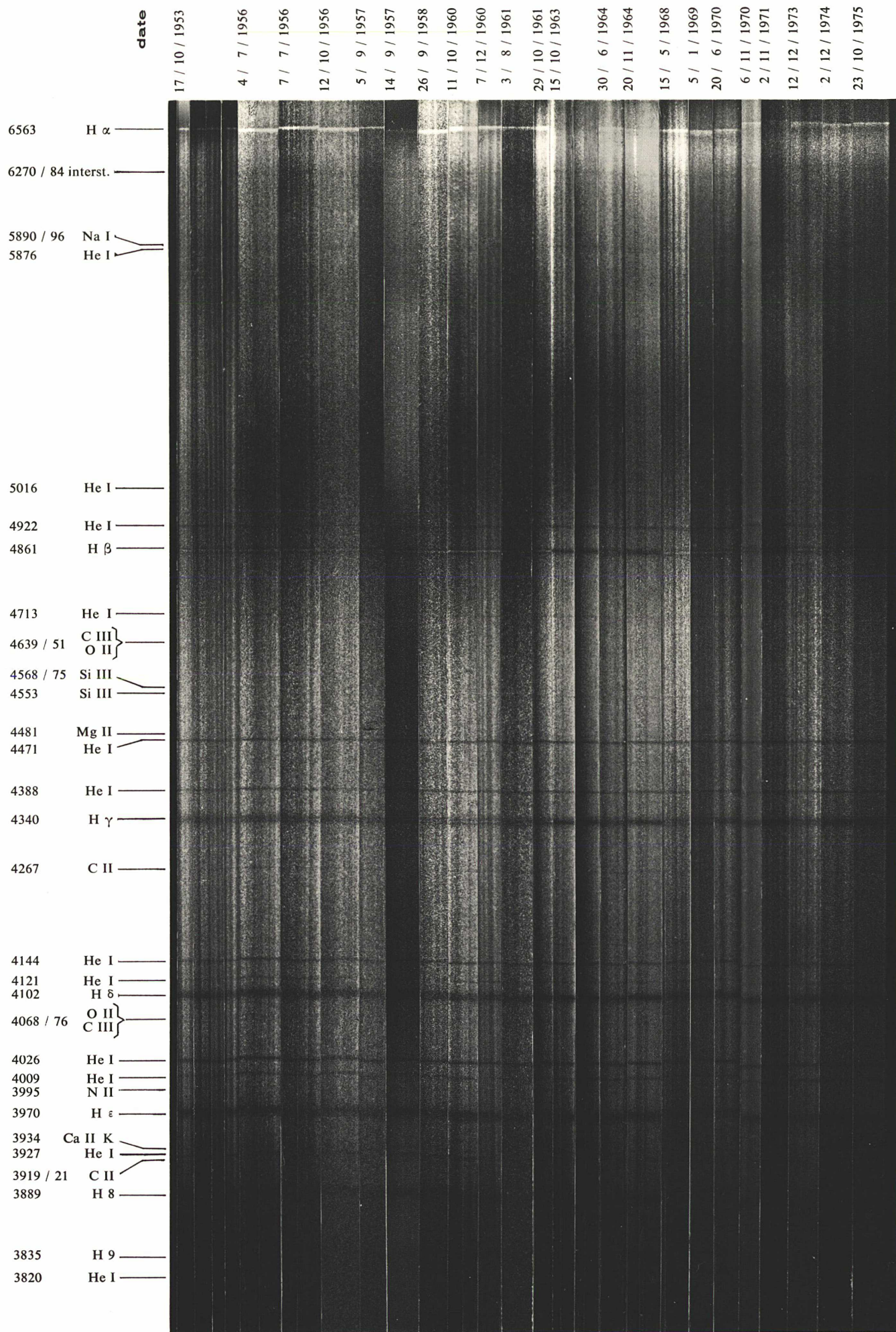


HD 203025

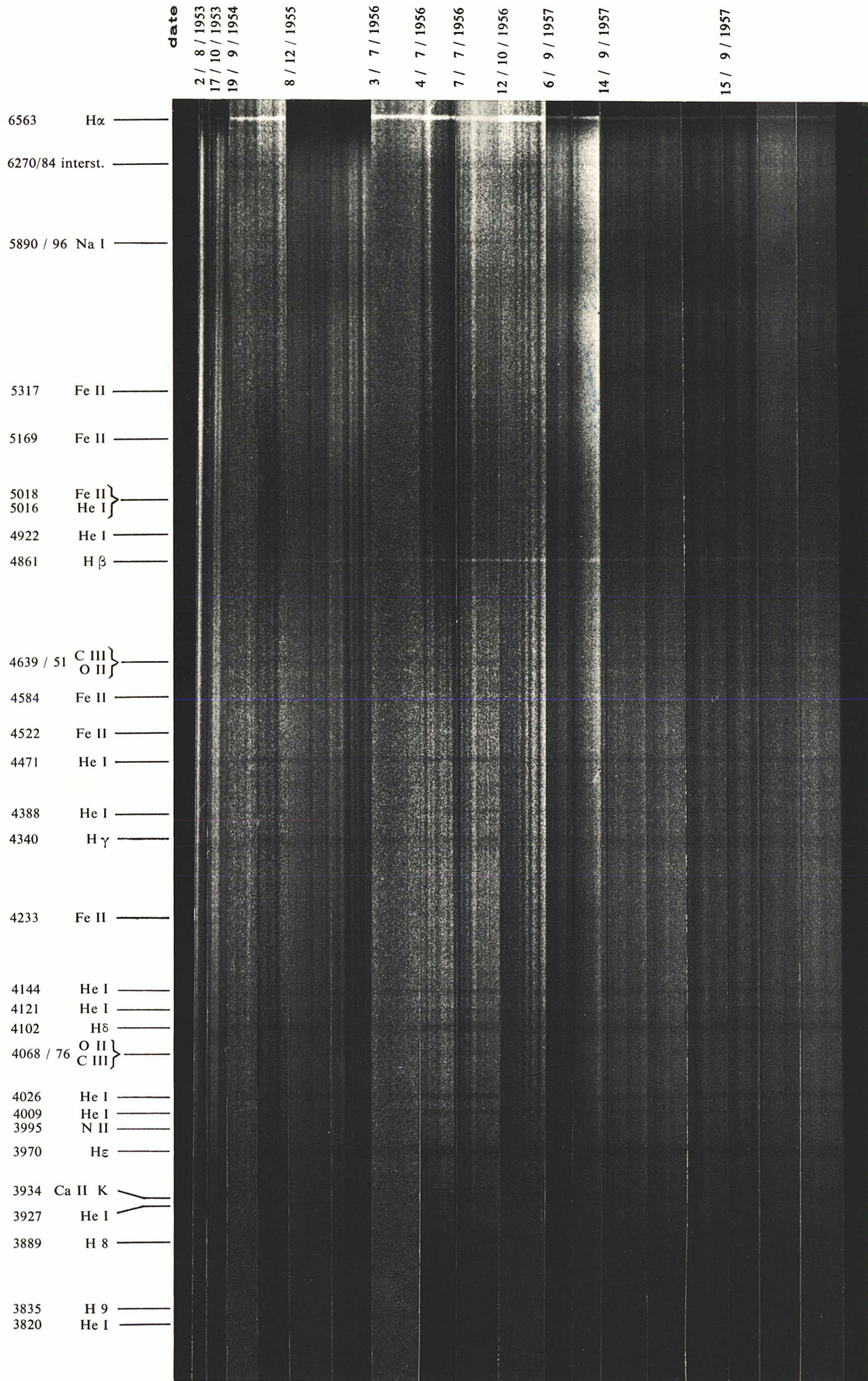
		date
6678	He I	11 / 7 / 1959
6563	H α	24 / 10 / 1963
6270/84	interst.	
5890 / 96	Na I	29 / 6 / 1964
5876	He I	24 / 7 / 1965
		25 / 6 / 1970
		4 / 11 / 1971
		9 / 12 / 1973
		29 / 8 / 1974
		25 / 6 / 1975
		21 / 10 / 1975
		6 / 10 / 1976
5412	He II	
4922	He I	
4861	H β	
4686	He II	
4634 / 51	C III } N III }	
4542	He II	
4515	N III	
4471	He I	
4340	H γ	
4200	He II	
4144	He I	
4121	He I	
4102	H δ	
4089	Si IV	
4068 / 70	C III	
4026	He I	
3970	H ϵ	
3934	Ca II K	
3927	He I	
3889	H δ	
3835	H η	



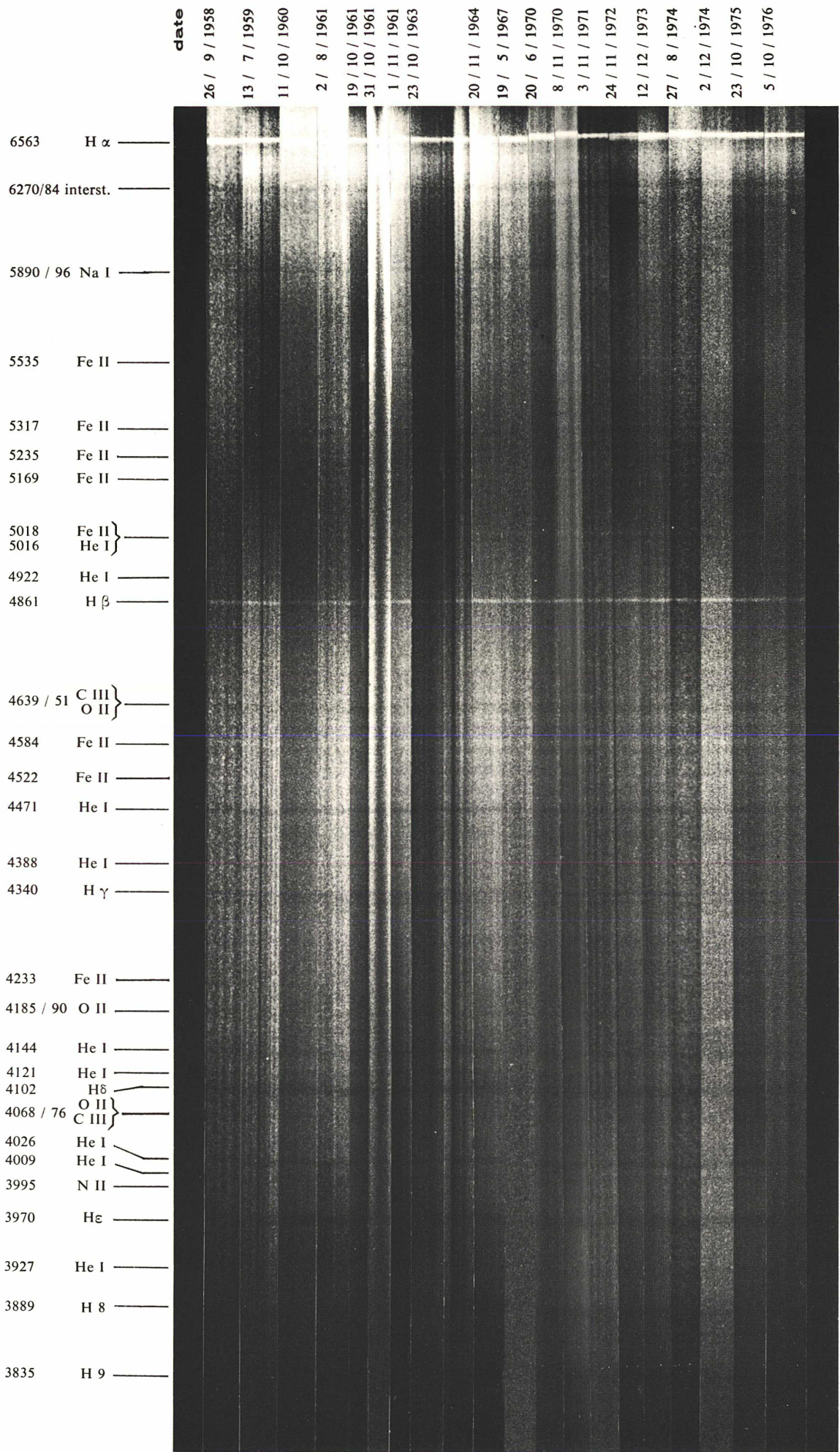
HD 203064



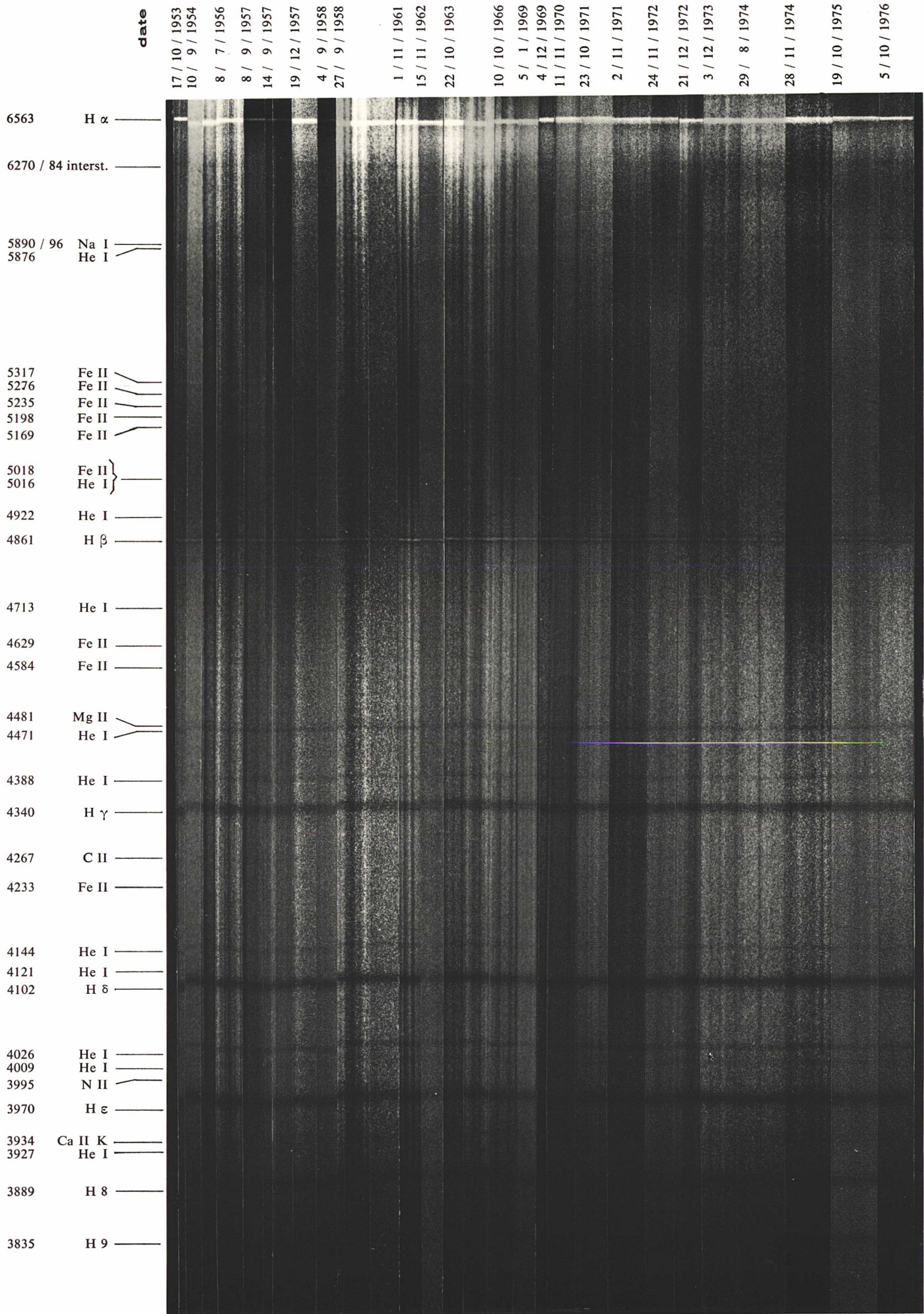
HD 212076



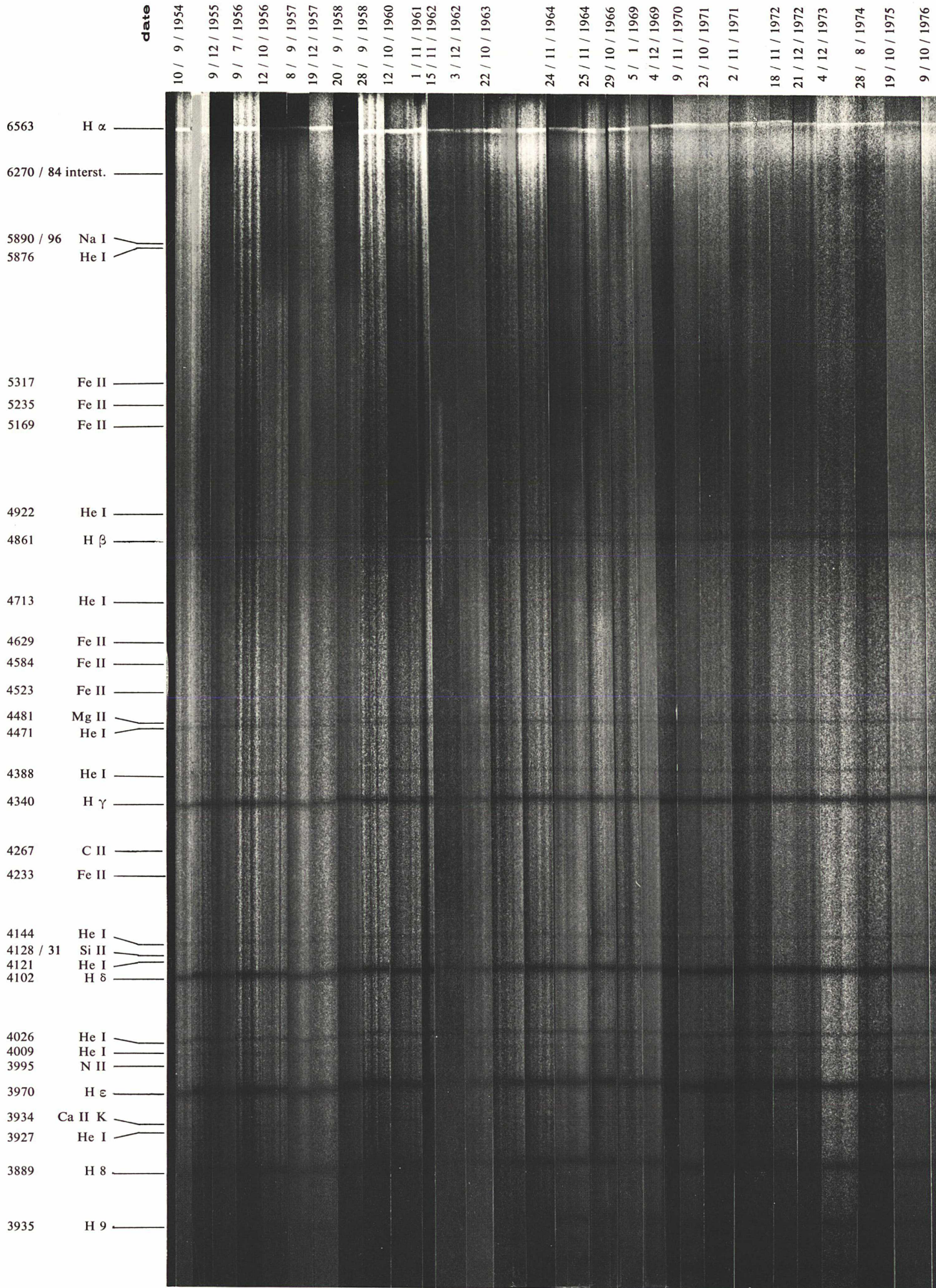
HD 212571 (1)



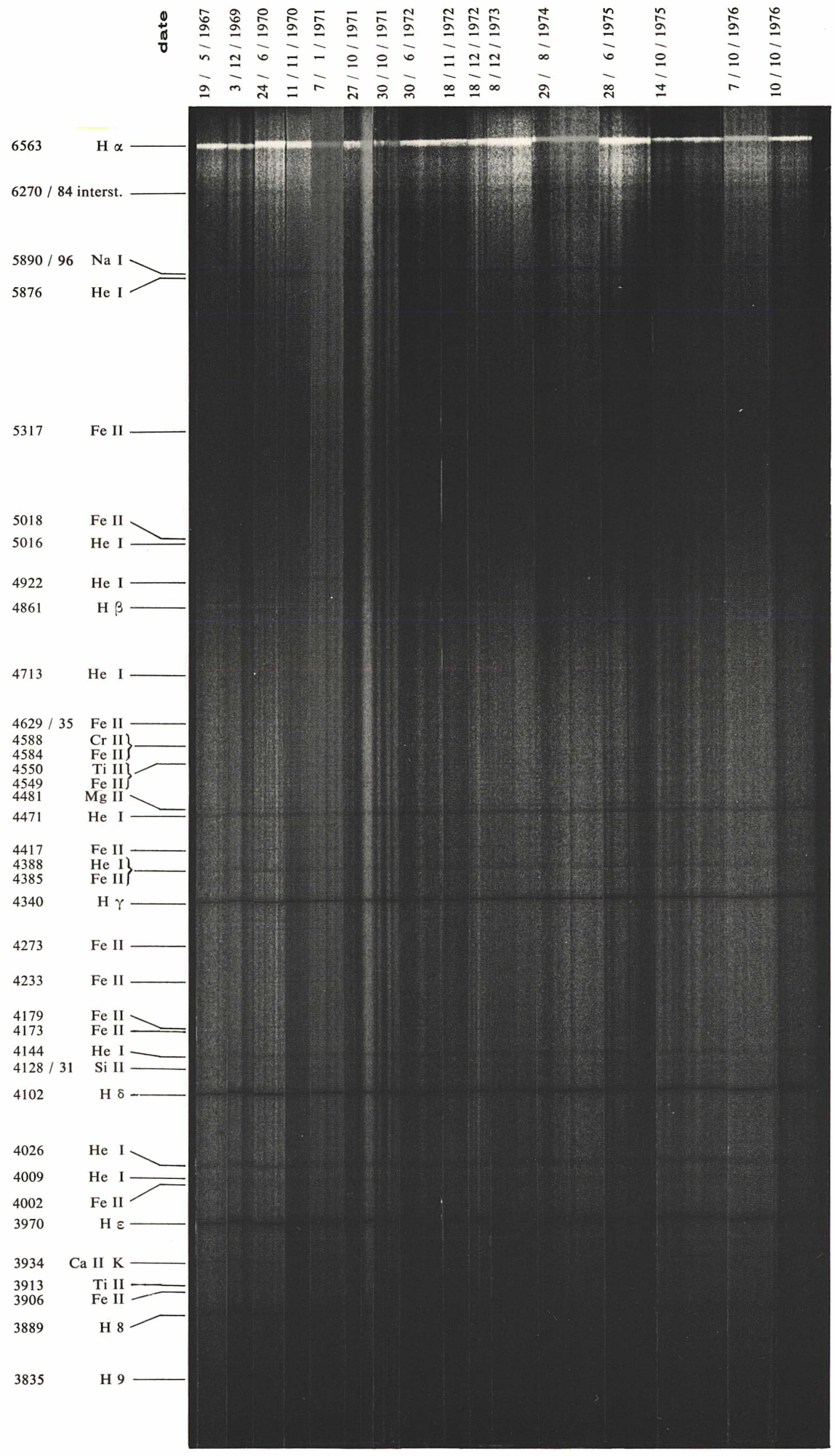
HD 212571 (2)



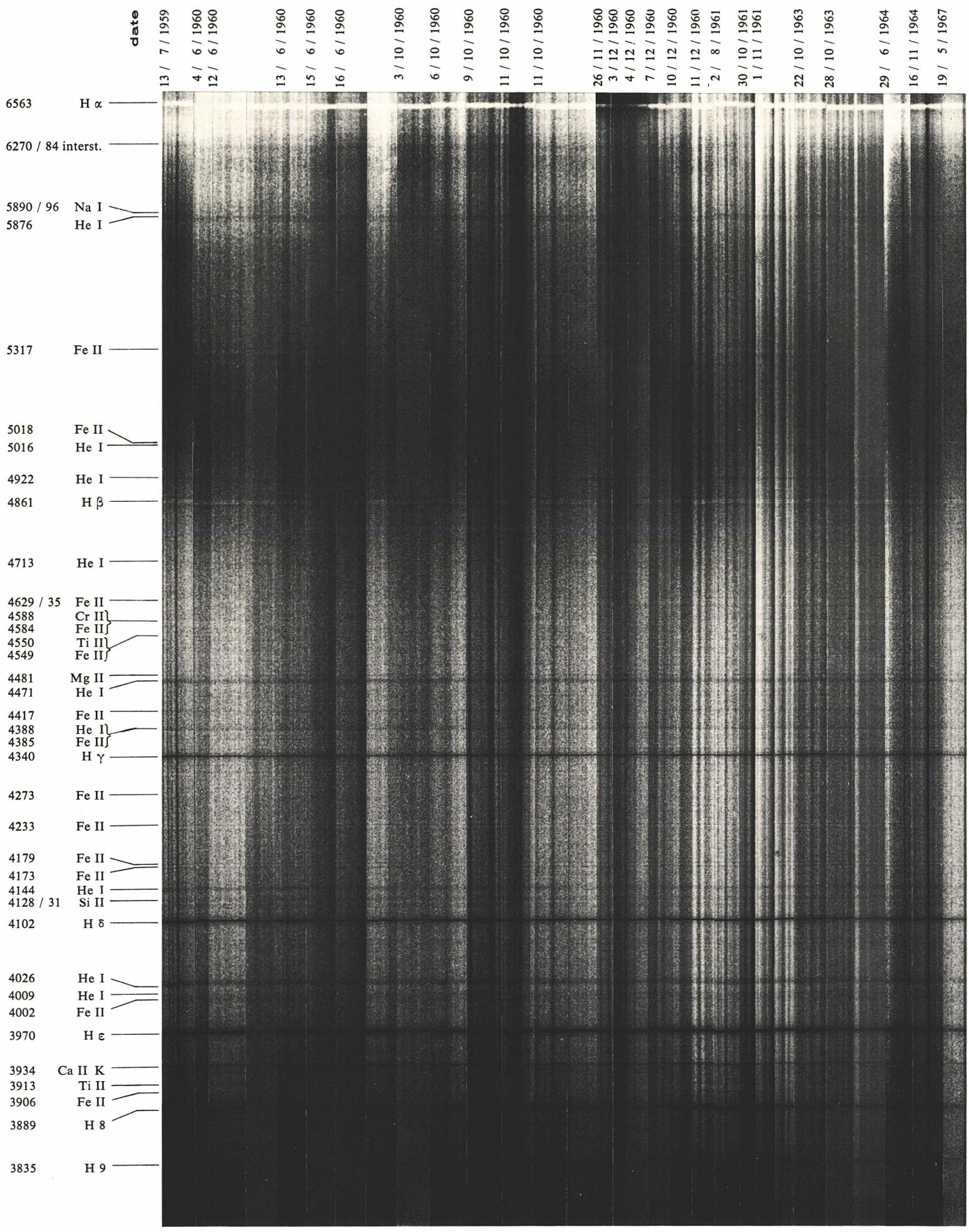
HD 224 559



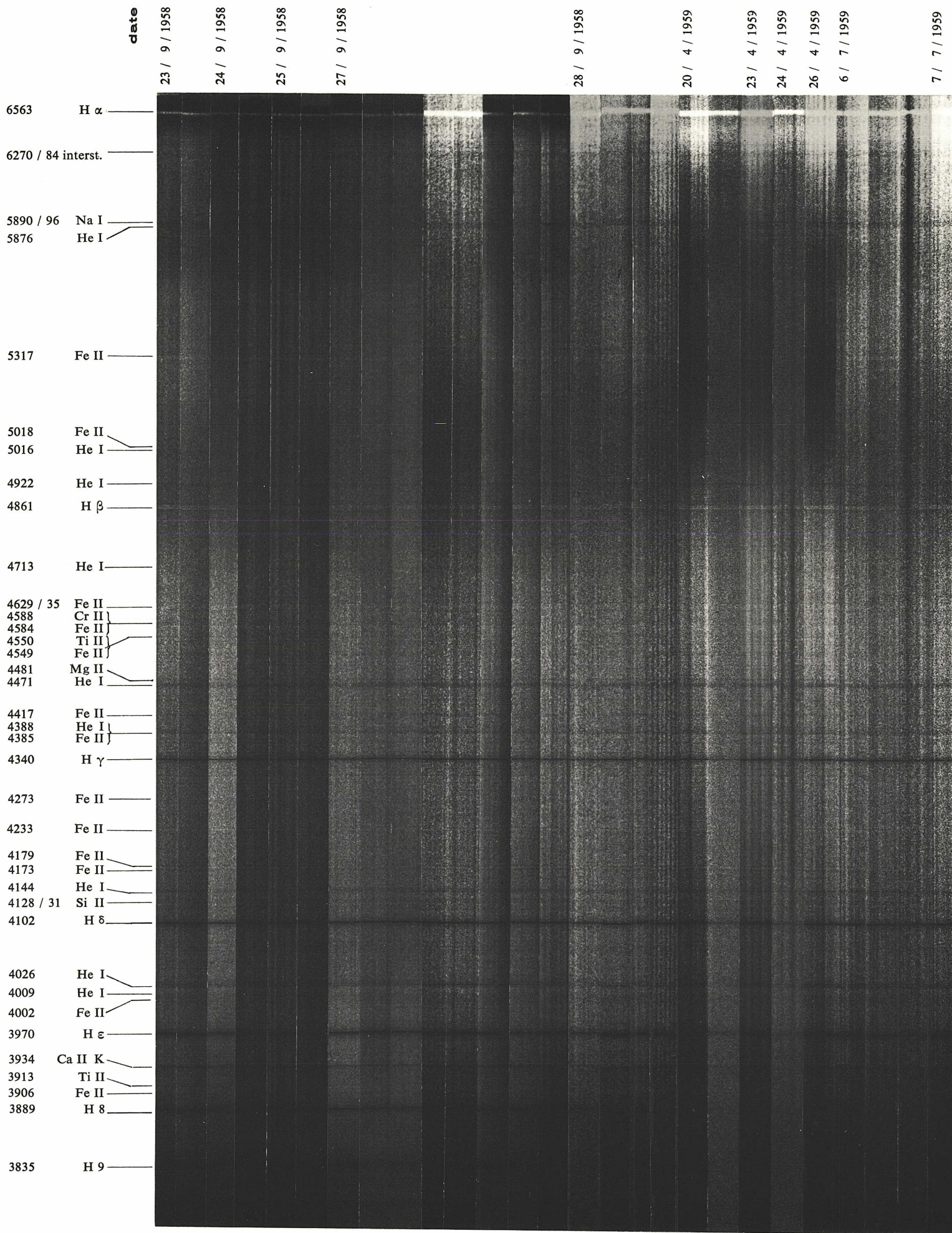
HD 224544



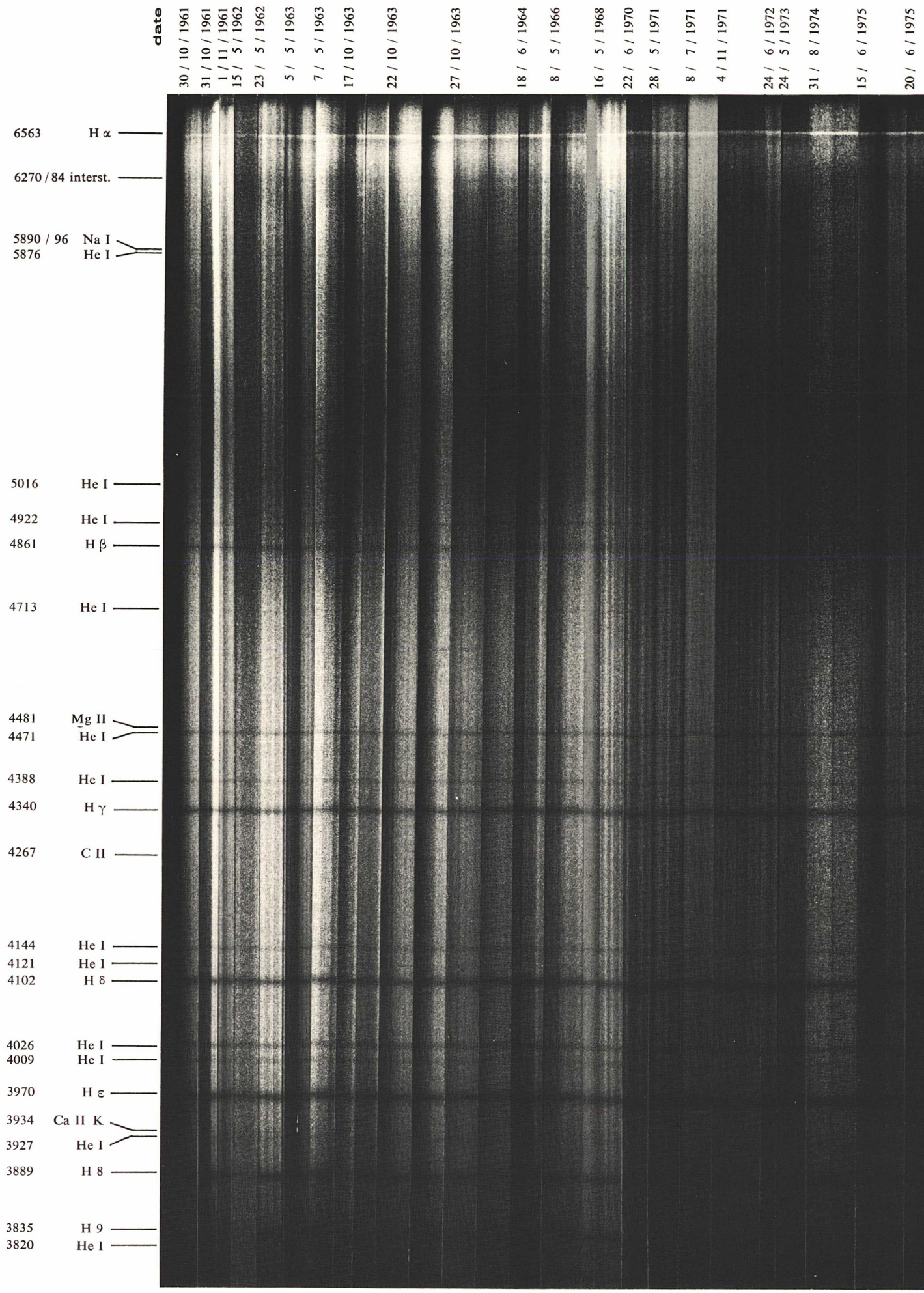
HD 217 050 (3)



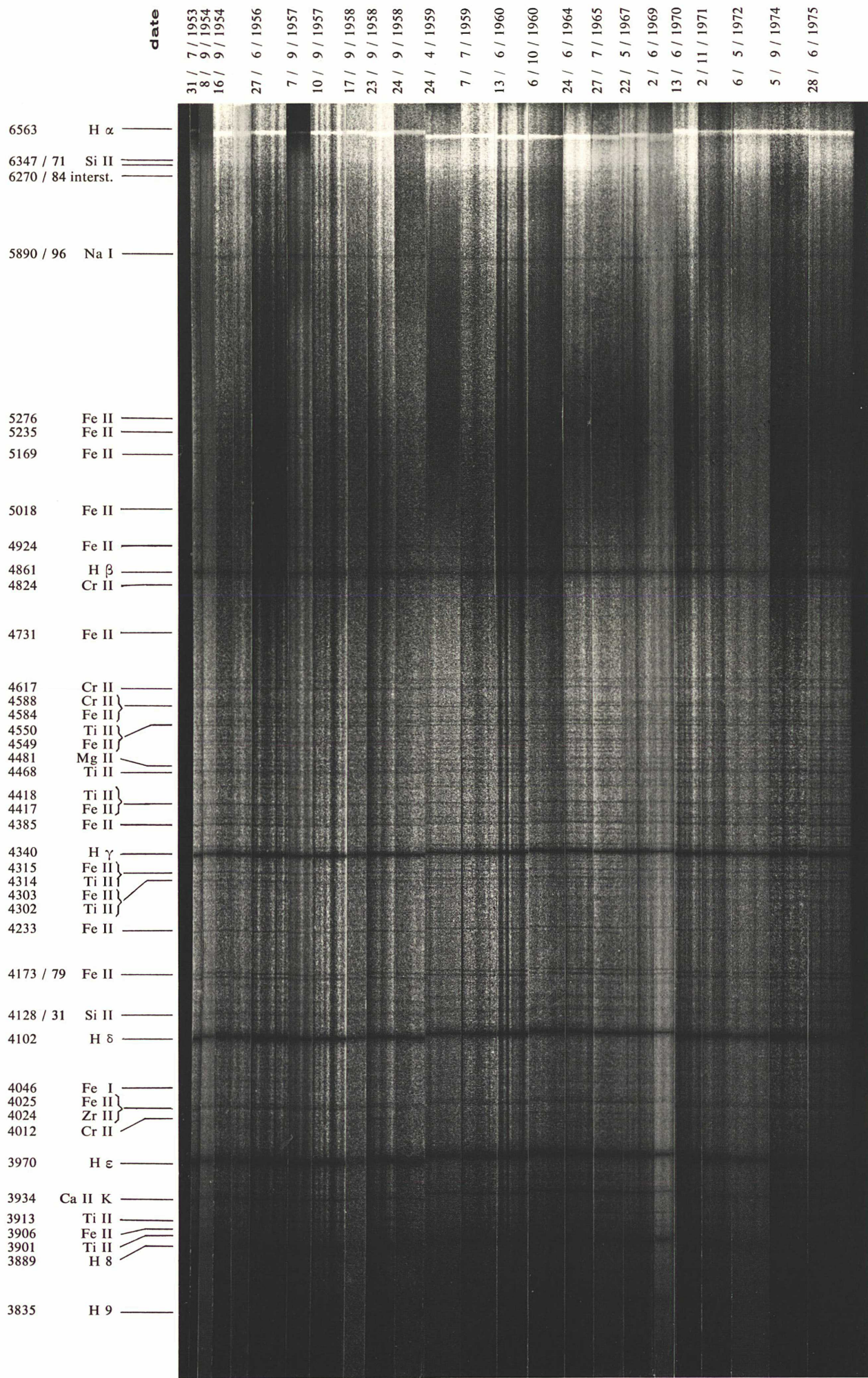
HD 217 050 (2)



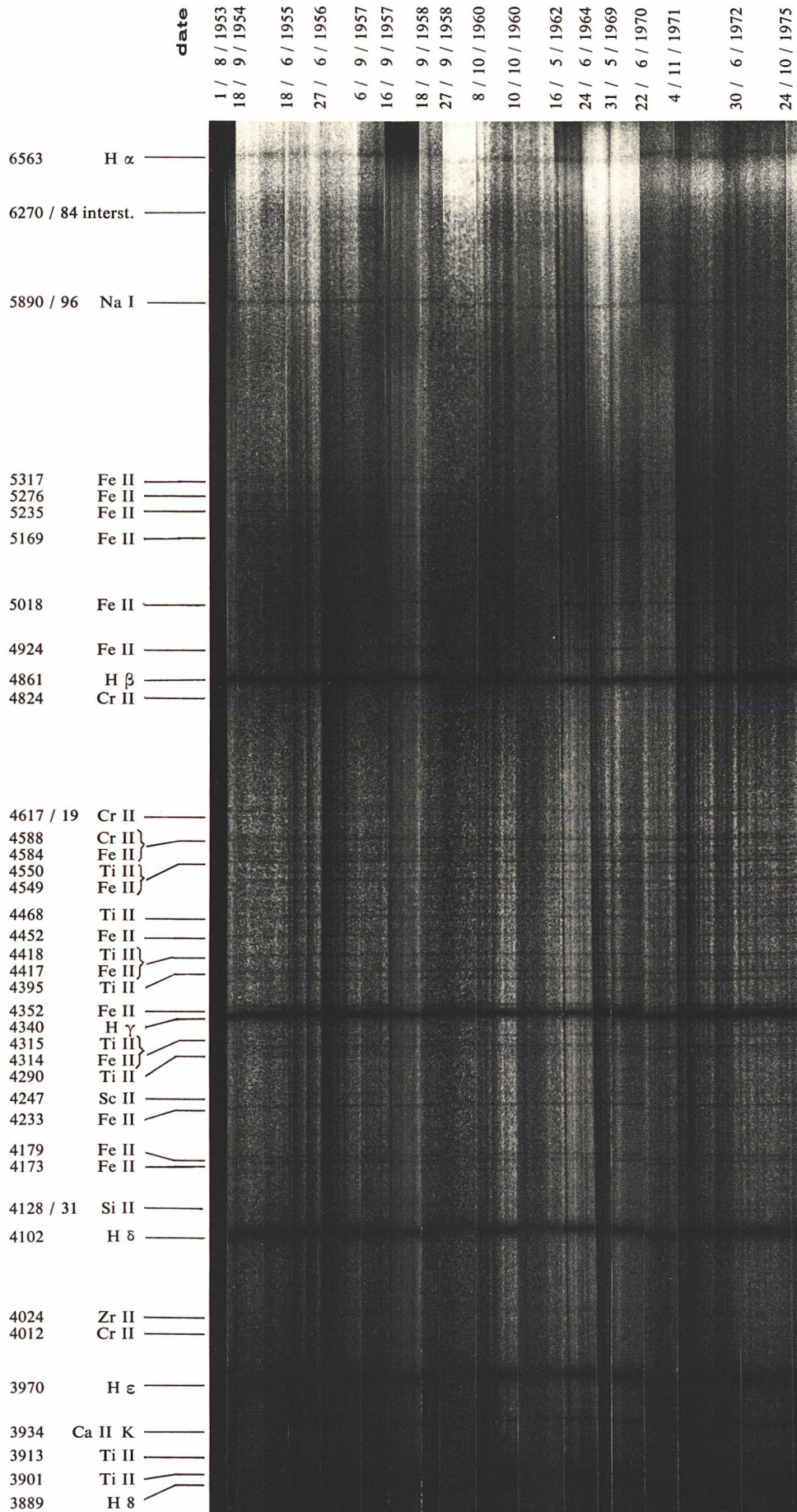
HD 217 050 (1)



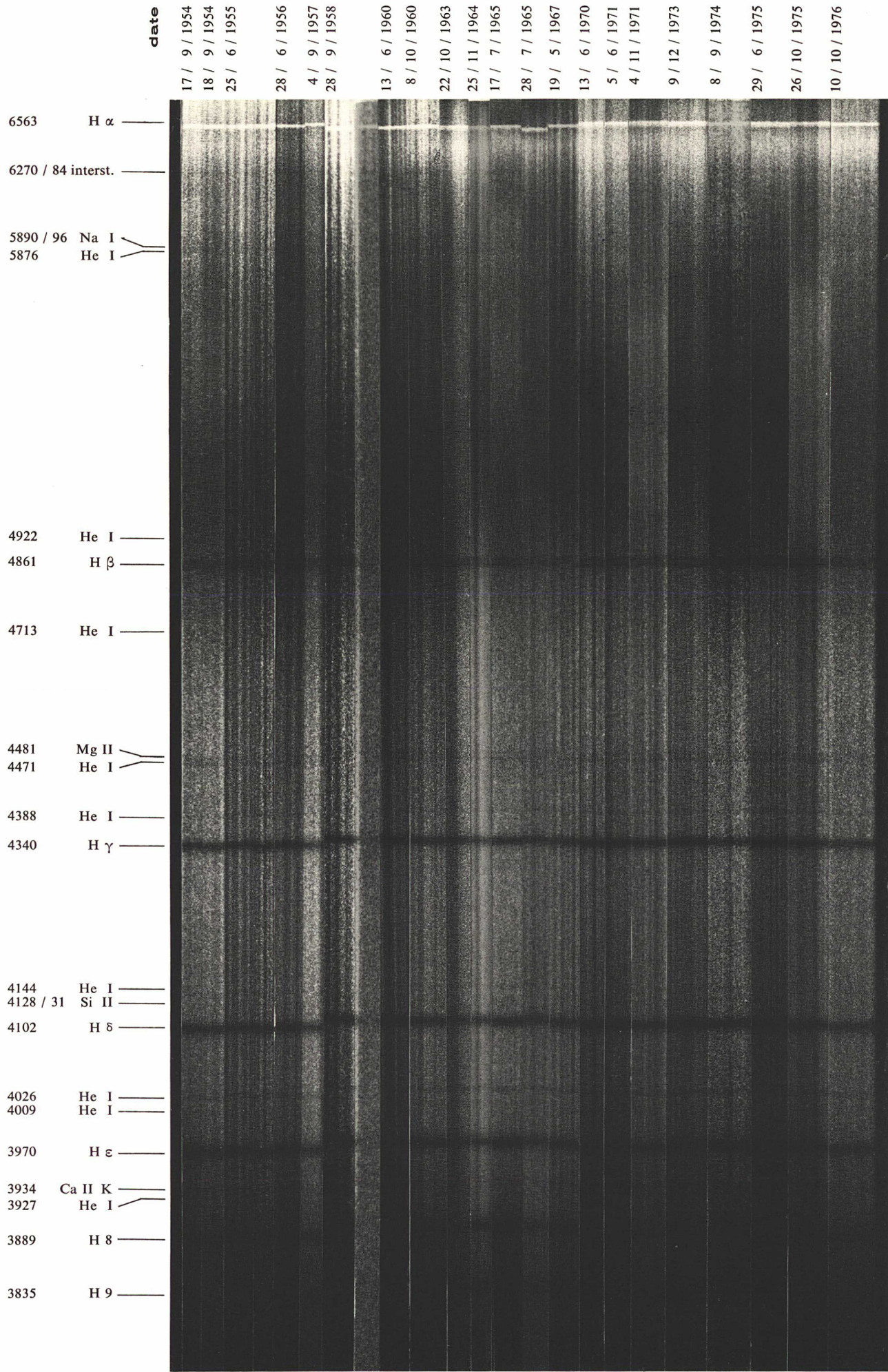
HD 191 610 (2)



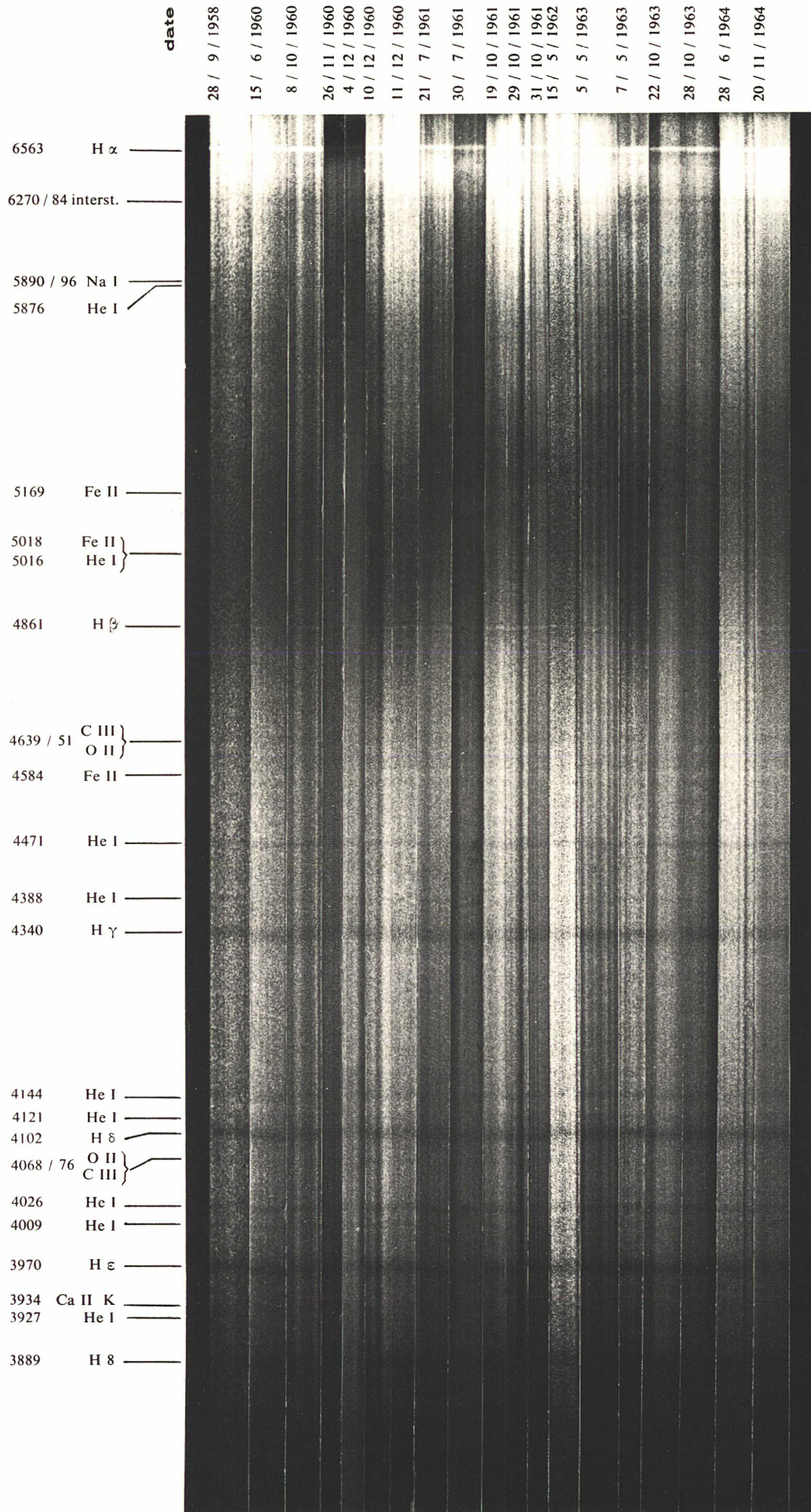
HD 193182



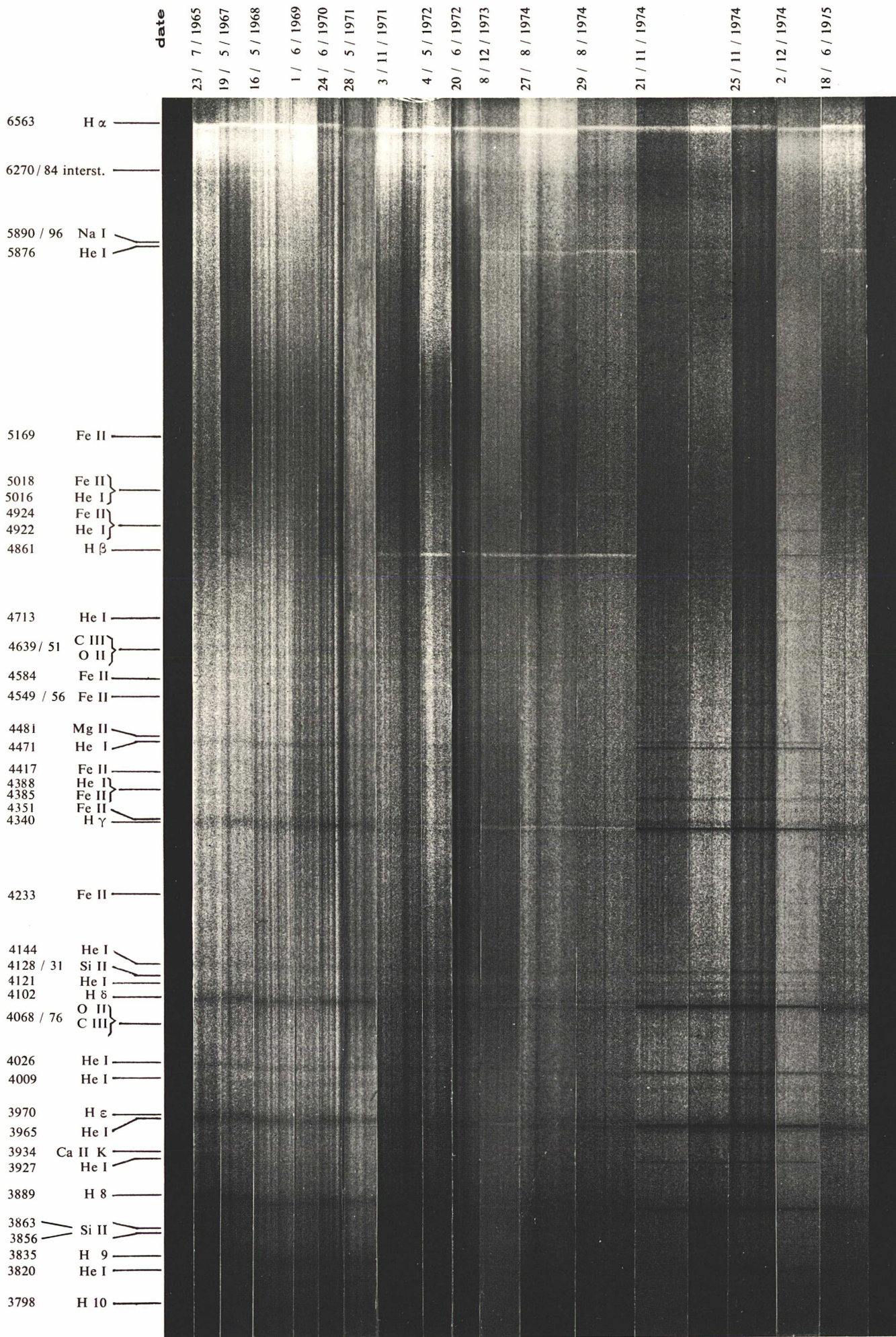
HD 195 325



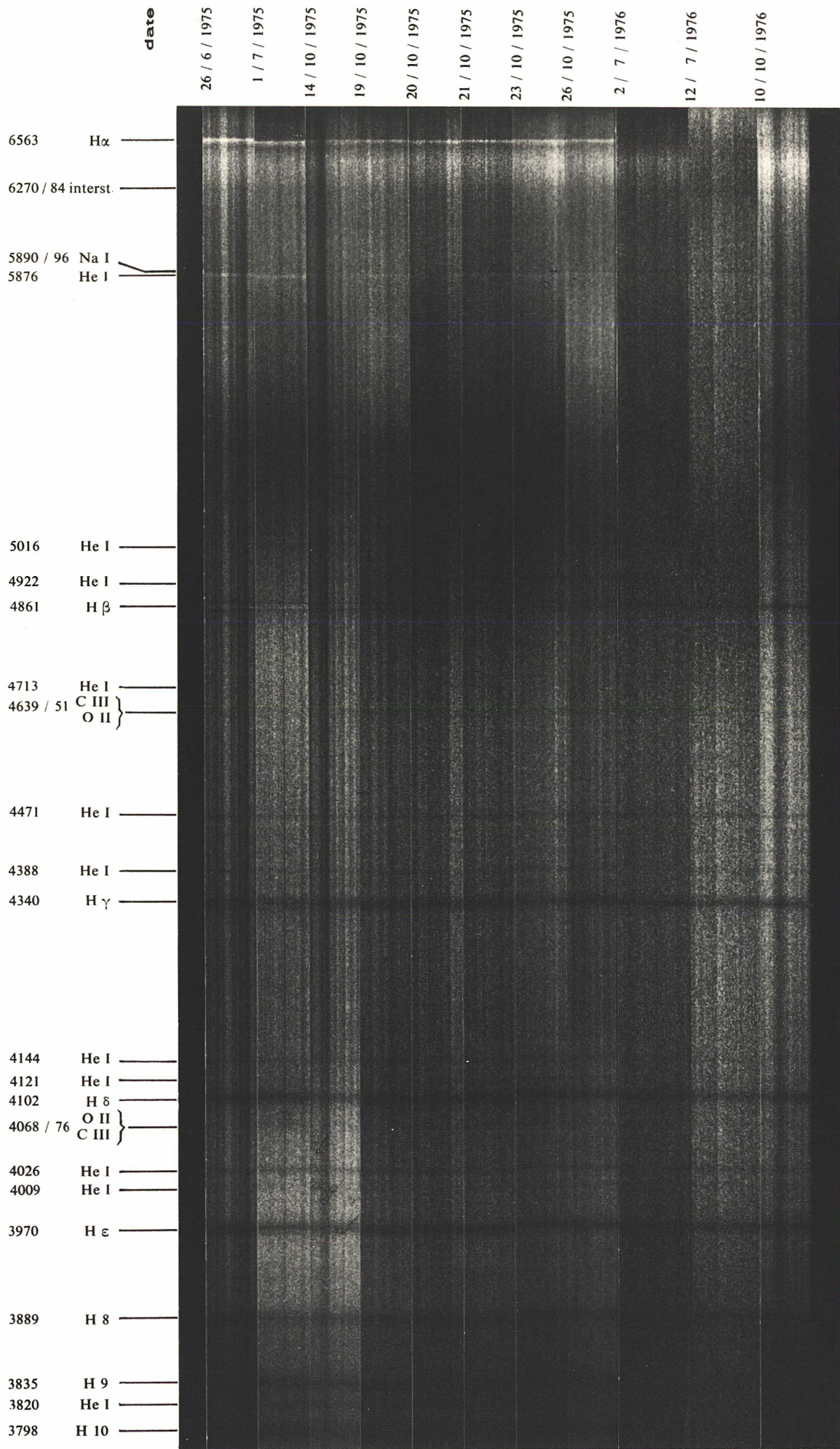
HD 199 218



HD 200120 (1)



HD 200120 (2)



HD 200120 (3)

6563 H α

6270 / 84 interst

5890 / 96 Na I

5876 He I

5016 He I

4922 He I

4861 H β

4713 He I

4639 / 51 } C III

 } O II

4471 He I

4388 He I

4340 H γ

4144 He I

4121 He I

4102 H δ

4068 / 76 } O II

 } C III

4026 He I

4009 He I

3970 H ϵ

3889 H 8

3835 H 9

3820 He I

3798 H 10

date

26 / 6 / 1975

1 / 7 / 1975

14 / 10 / 1975

19 / 10 / 1975

20 / 10 / 1975

21 / 10 / 1975

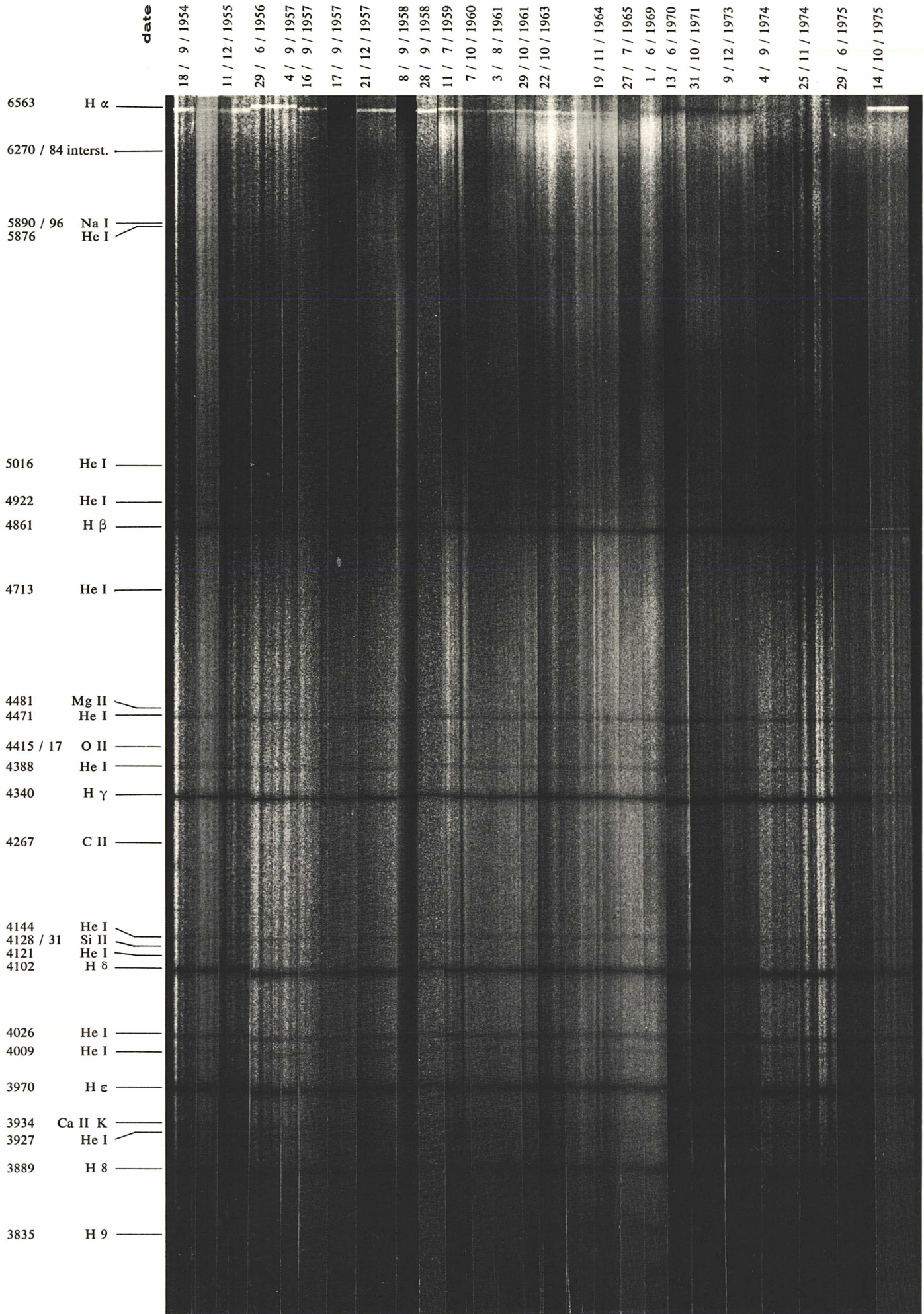
23 / 10 / 1975

26 / 10 / 1975

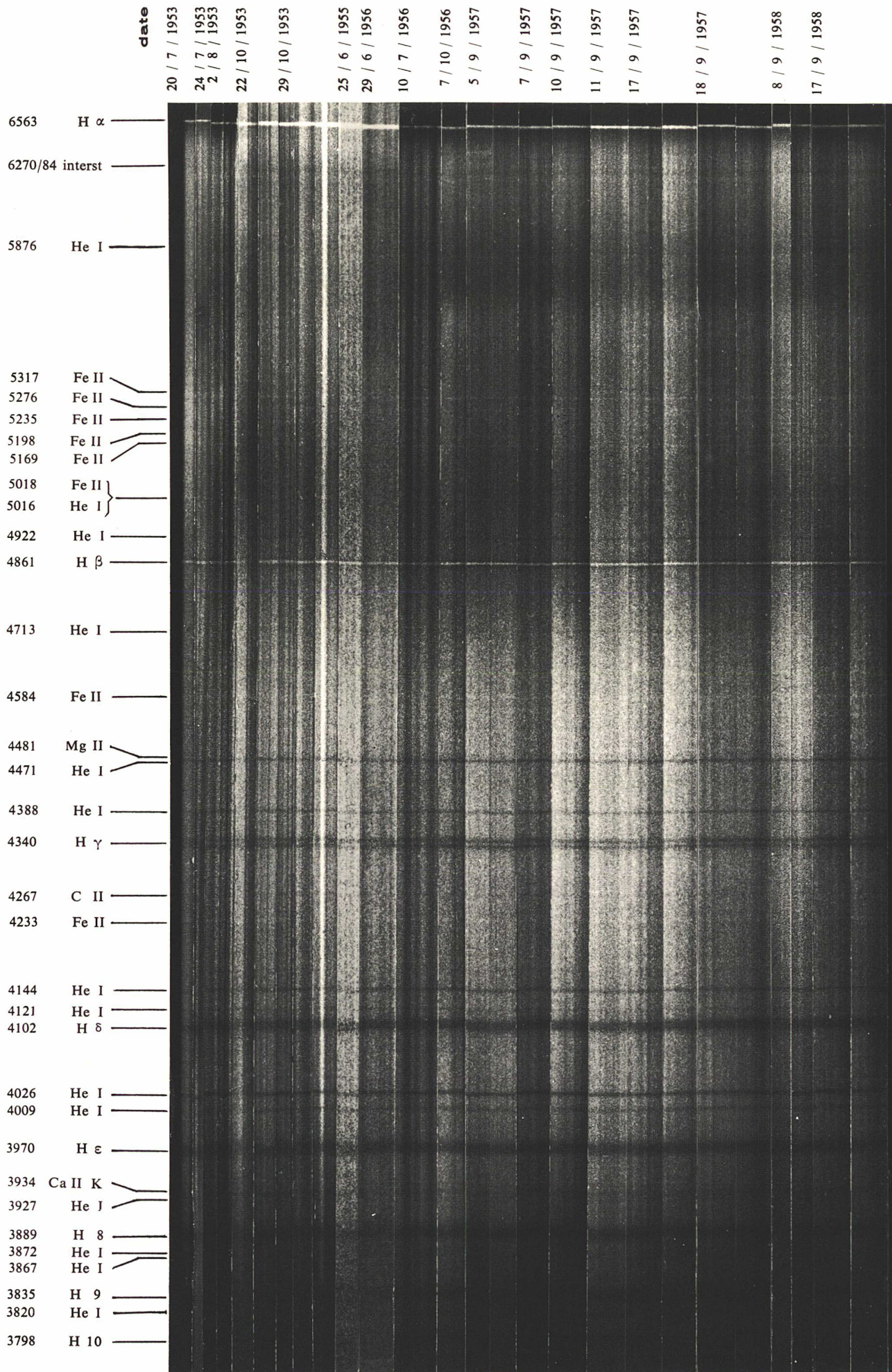
2 / 7 / 1976

12 / 7 / 1976

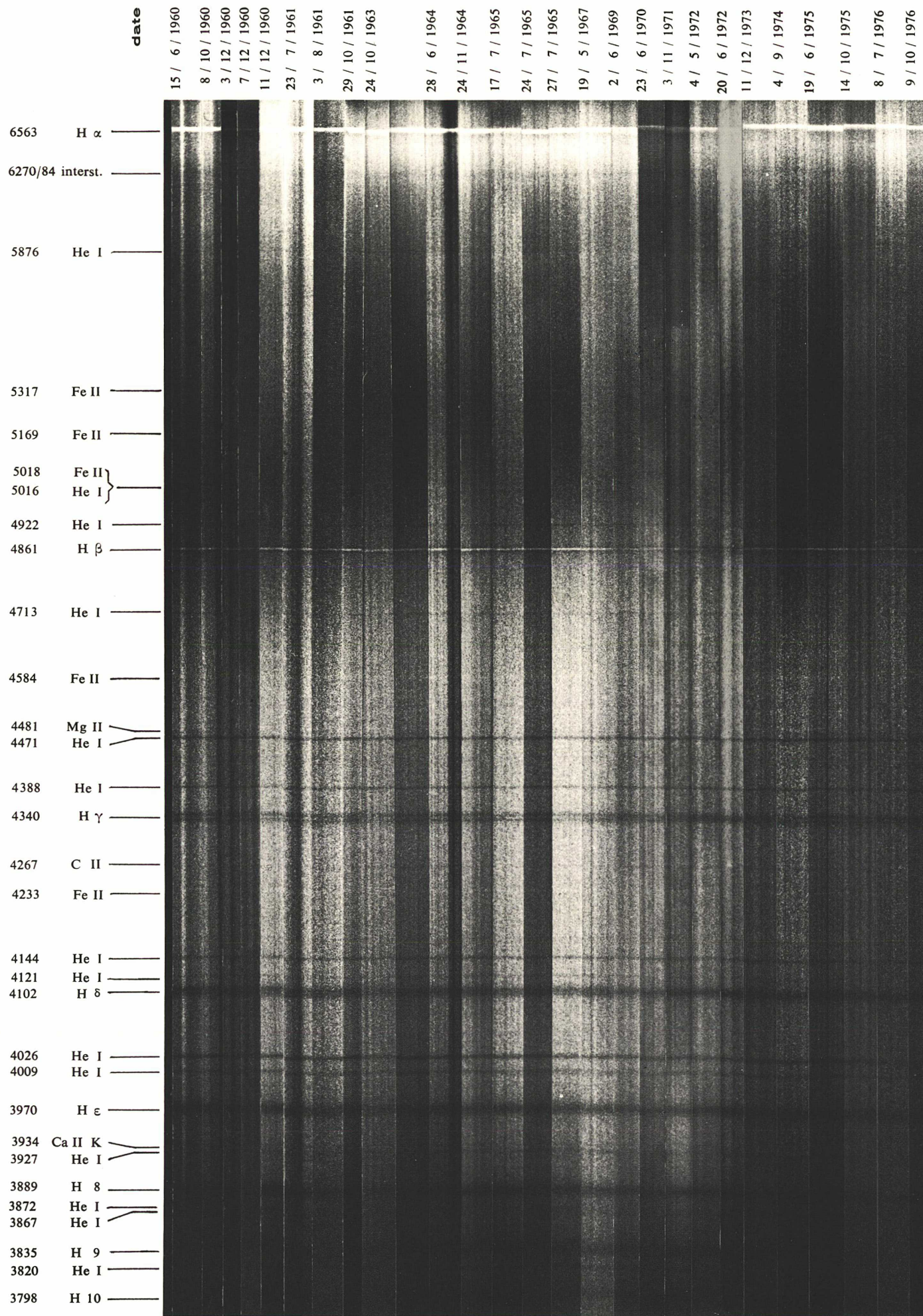
10 / 10 / 1976



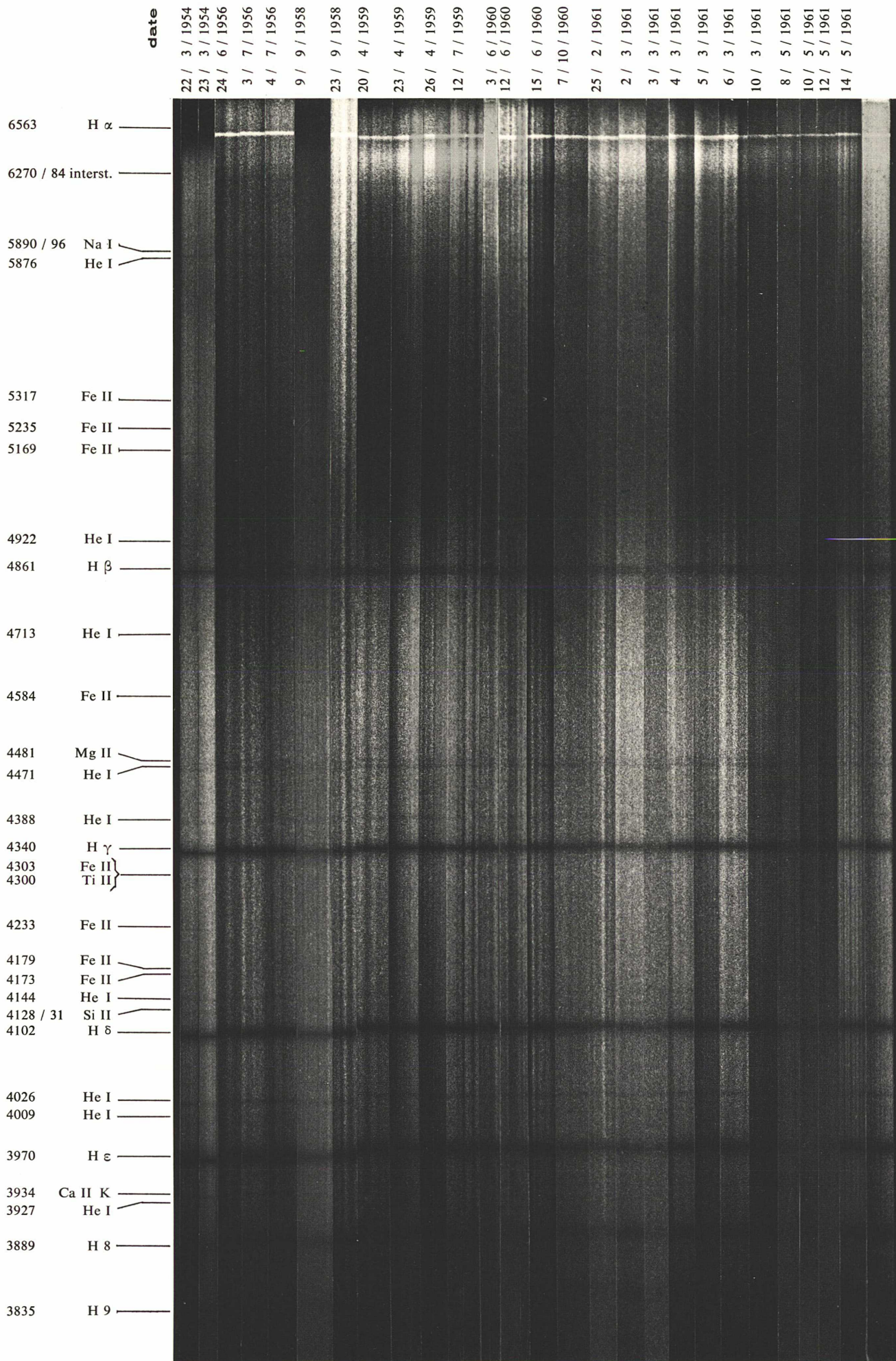
HD 201733



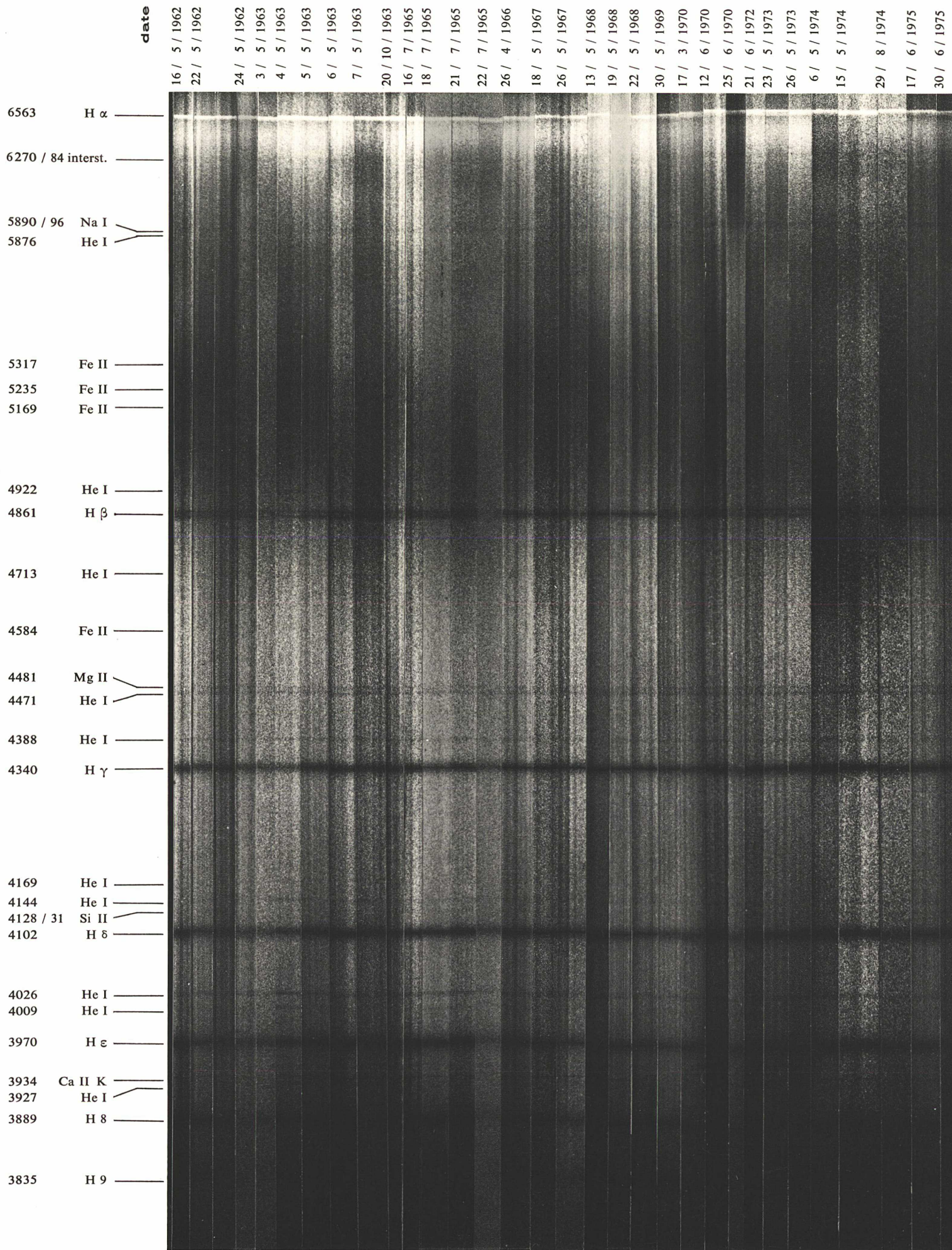
HD 202904 (1)

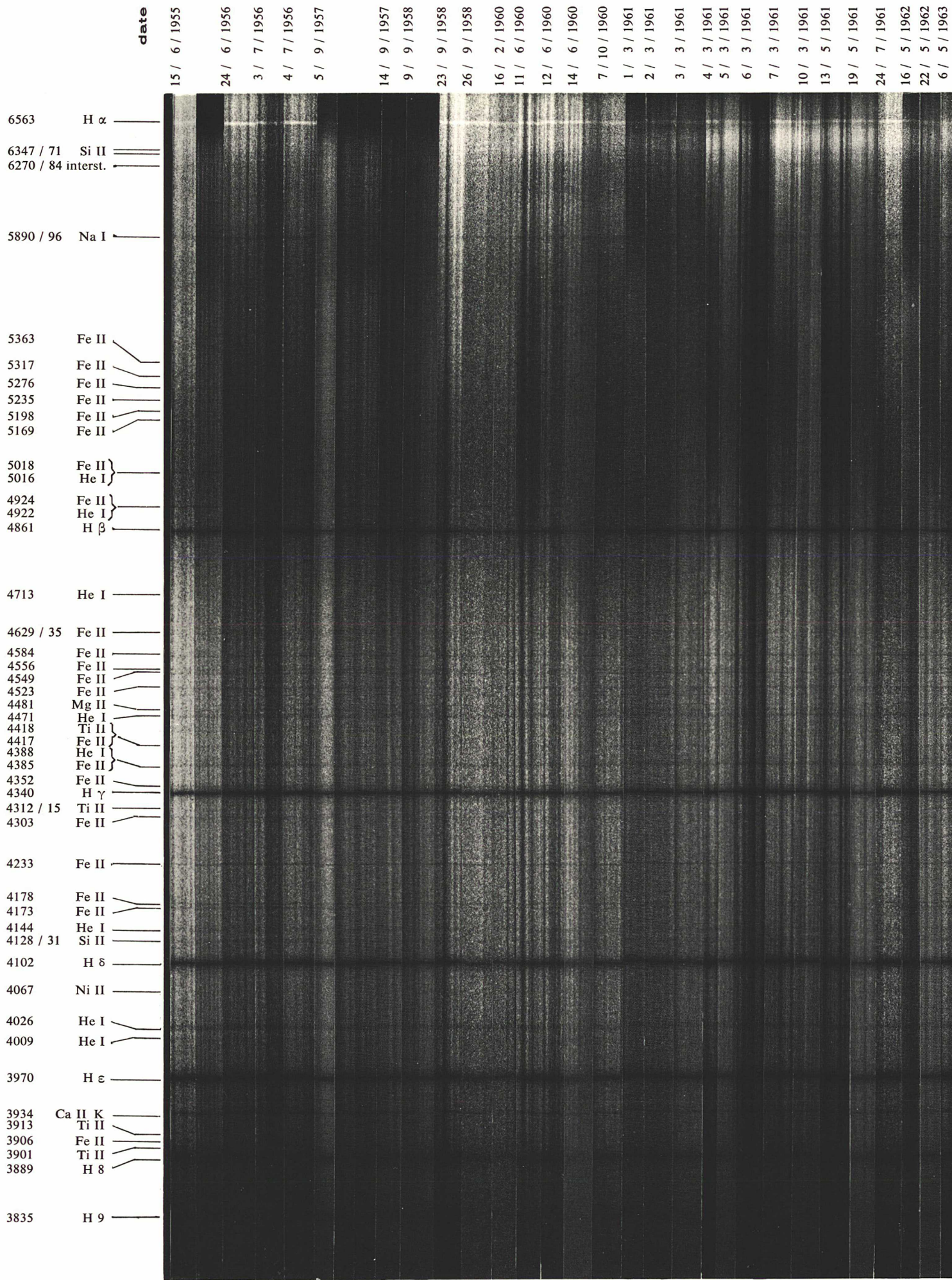


HD 202904 (2)



HD 162 428 (1)

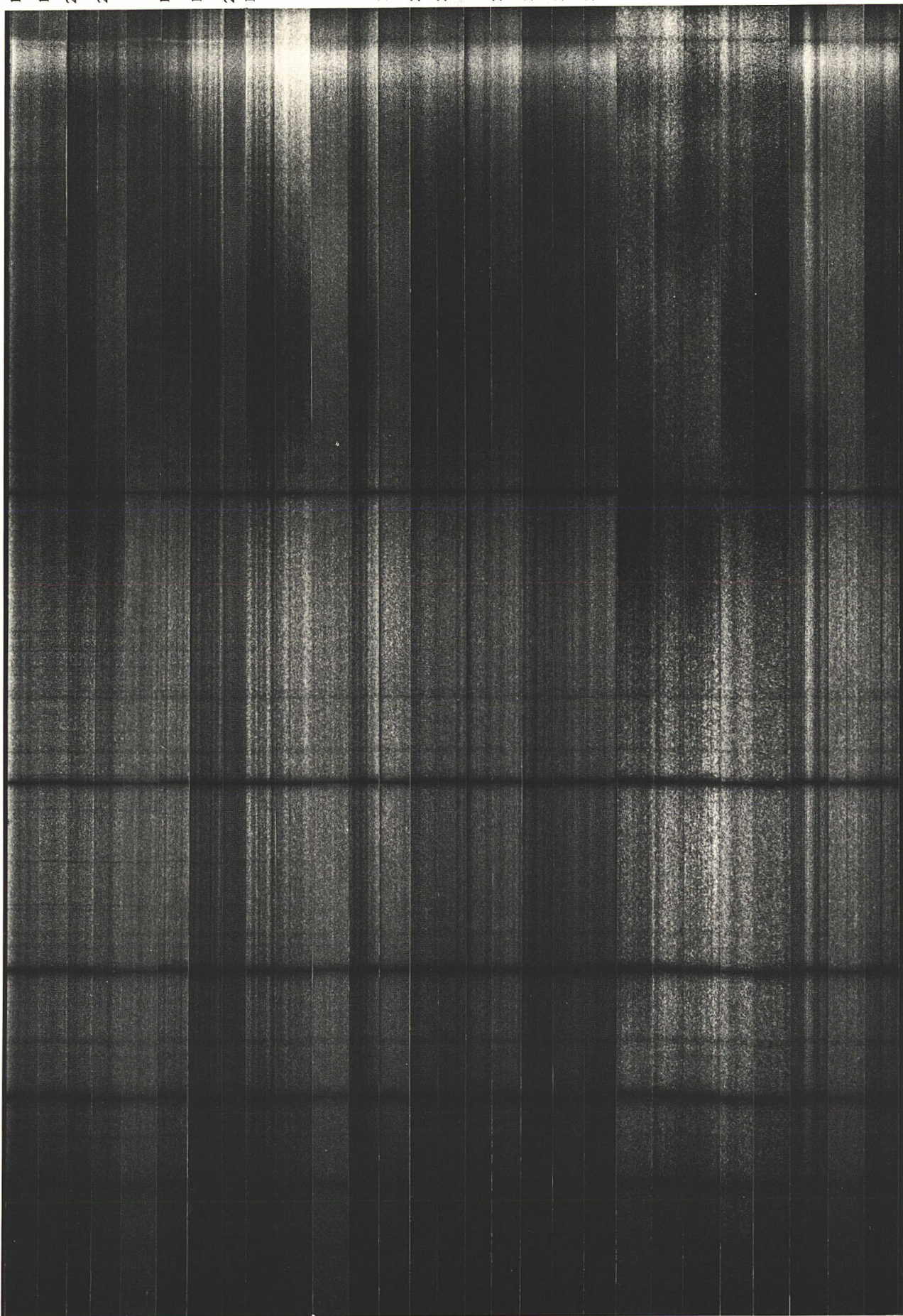




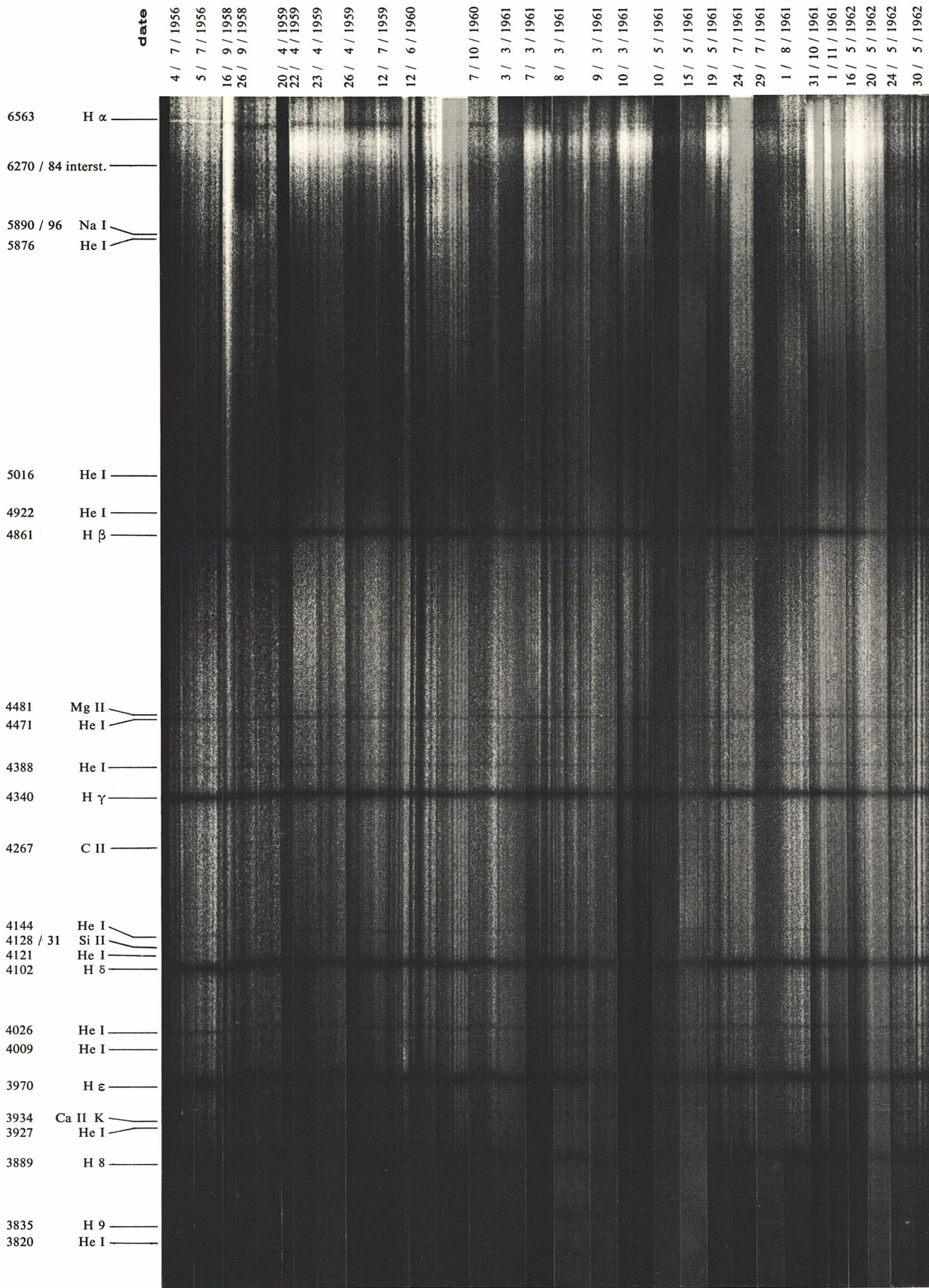
HD 162 732 (1)

date
 16 / 7 / 1965
 18 / 7 / 1 65
 21 / 7 / 1965
 22 / 7 / 1965
 9 / 5 / 1966
 19 / 5 / 1967
 15 / 5 / 1968
 25 / 5 / 1969
 14 / 6 / 1970
 7 / 6 / 1971
 8 / 5 / 1972
 9 / 5 / 1972
 19 / 6 / 1972
 20 / 6 / 1972
 22 / 6 / 1972
 24 / 6 / 1972
 23 / 5 / 1973
 24 / 5 / 1973
 26 / 5 / 1973
 7 / 5 / 1974
 8 / 5 / 1974
 13 / 5 / 1974
 4 / 9 / 1974
 7 / 9 / 1974
 14 / 6 / 1975
 17 / 6 / 1975
 24 / 6 / 1975

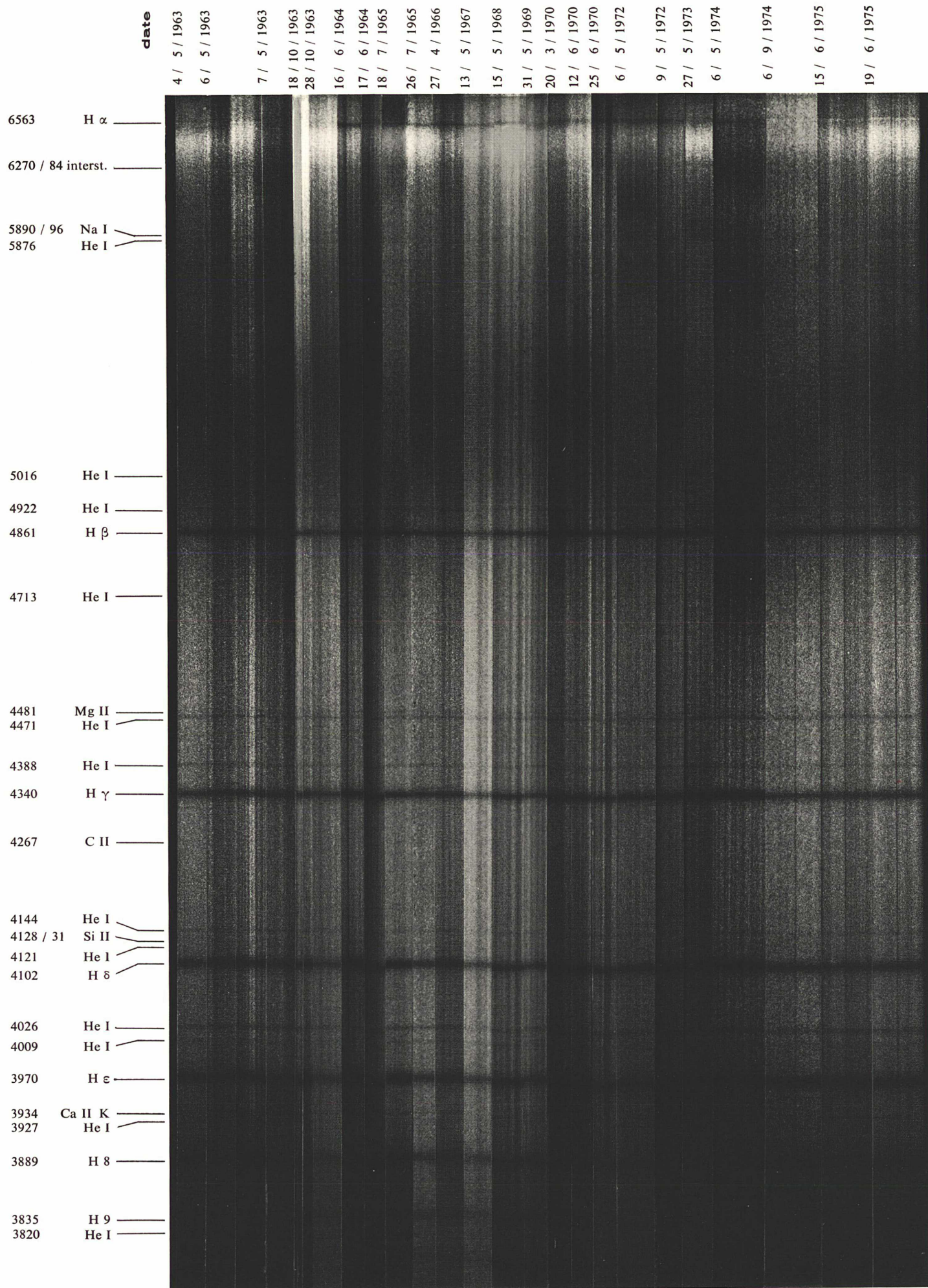
6563 H α —
 6347 / 71 Si II —
 6270 / 84 interst. —
 5890 / 96 Na I —
 5317 Fe II —
 5276 Fe II —
 5235 Fe II —
 5198 Fe II —
 5169 Fe II —
 5018 Fe II } —
 5016 He I } —
 4924 Fe II } —
 4922 He I } —
 4861 H β —
 4713 He I —
 4629 / 35 Fe II —
 4584 Fe II —
 4556 Fe II —
 4549 Fe II —
 4481 Mg II —
 4471 He I —
 4418 Ti II —
 4417 Fe II —
 4388 He I —
 4385 Fe II —
 4340 H γ —
 4312 / 15 Ti II —
 4303 Fe II —
 4233 Fe II —
 4178 Fe II —
 4173 Fe II —
 4144 He I —
 4128 / 31 Si II —
 4102 H δ —
 4067 Ni II —
 4026 He I —
 4009 He I —
 3970 H ϵ —
 3934 Ca II K —
 3889 H ζ —
 3835 H η —



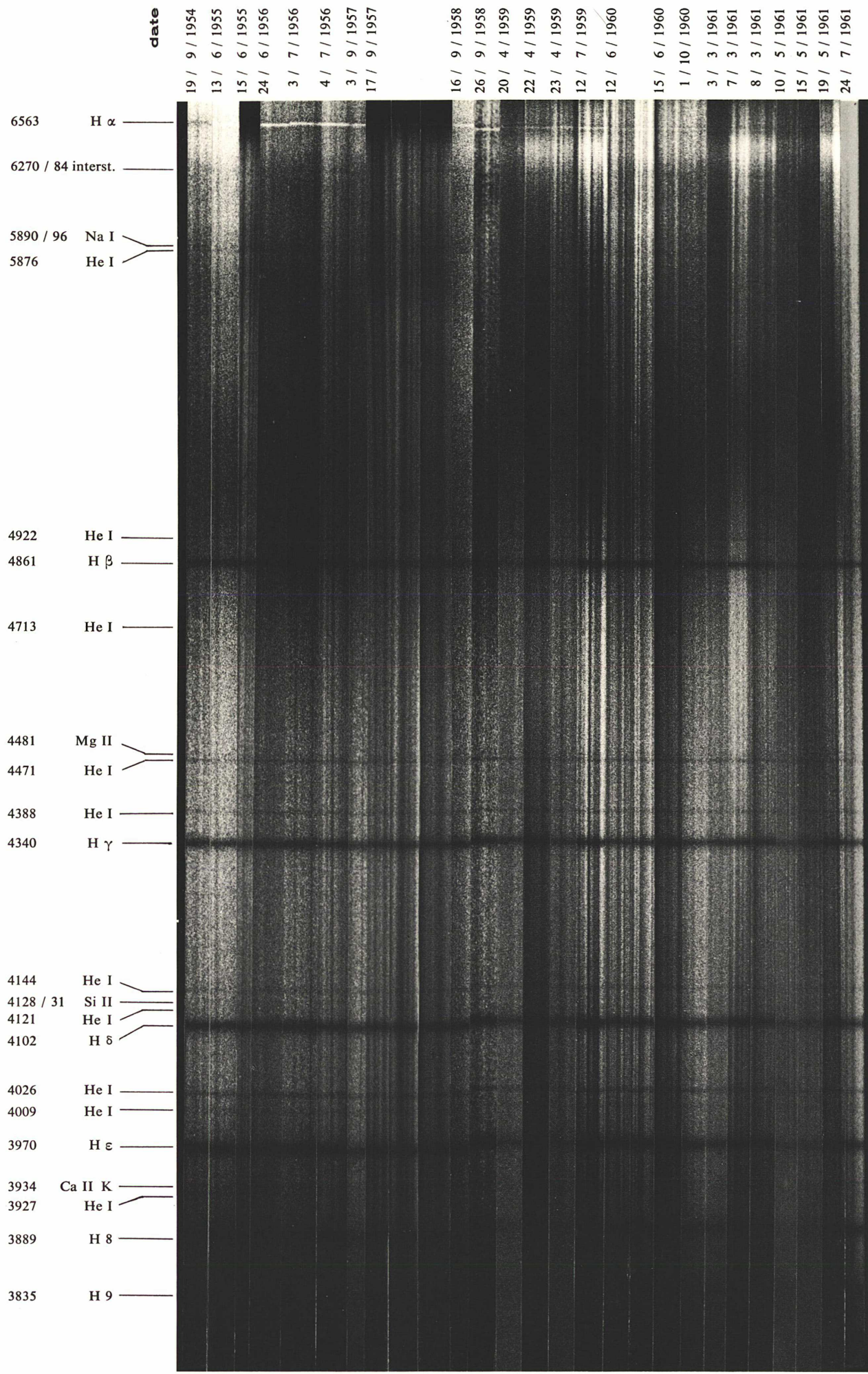
HD 162 732 (2)



HD 171 406 (1)



HD 171 406 (2)

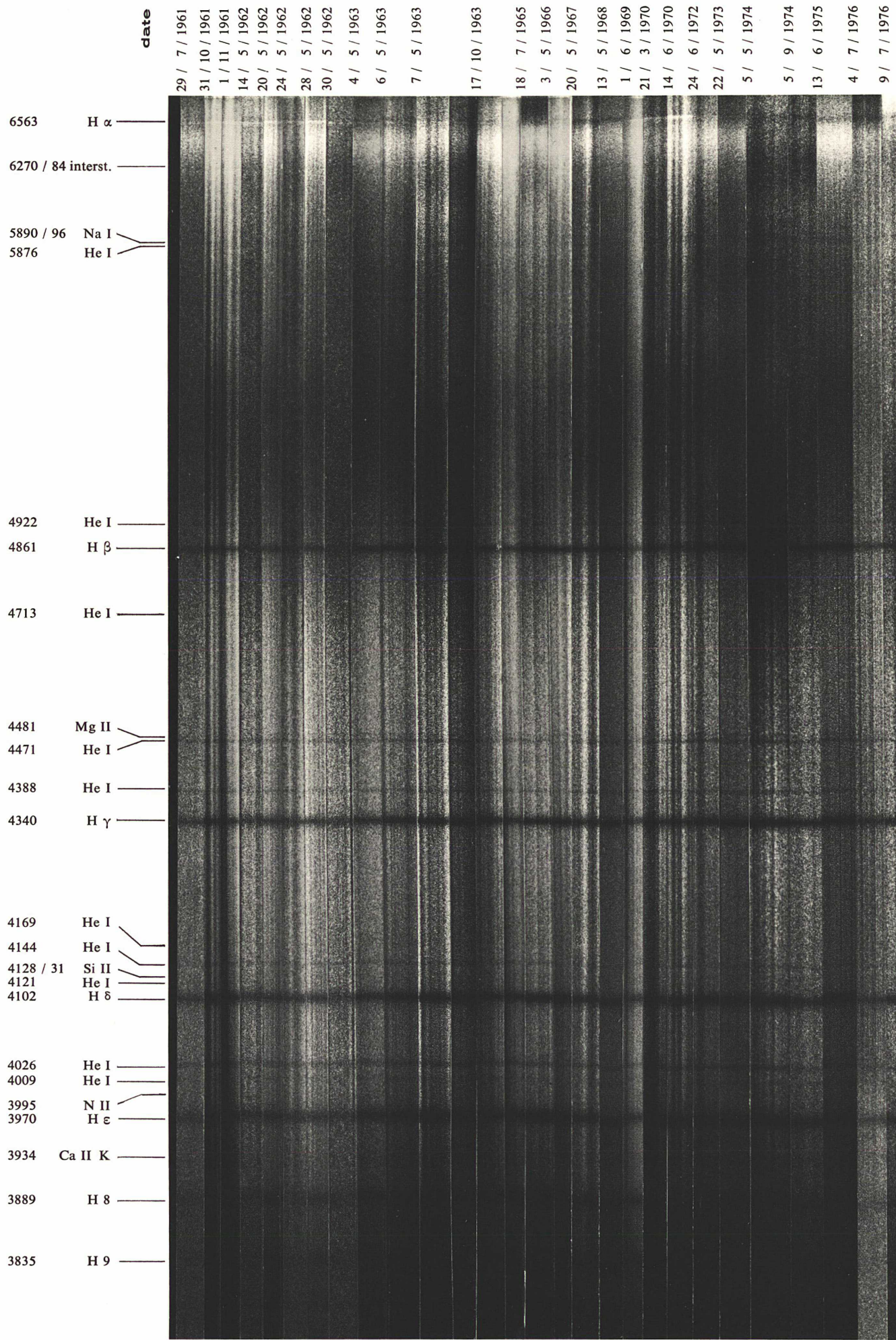


date

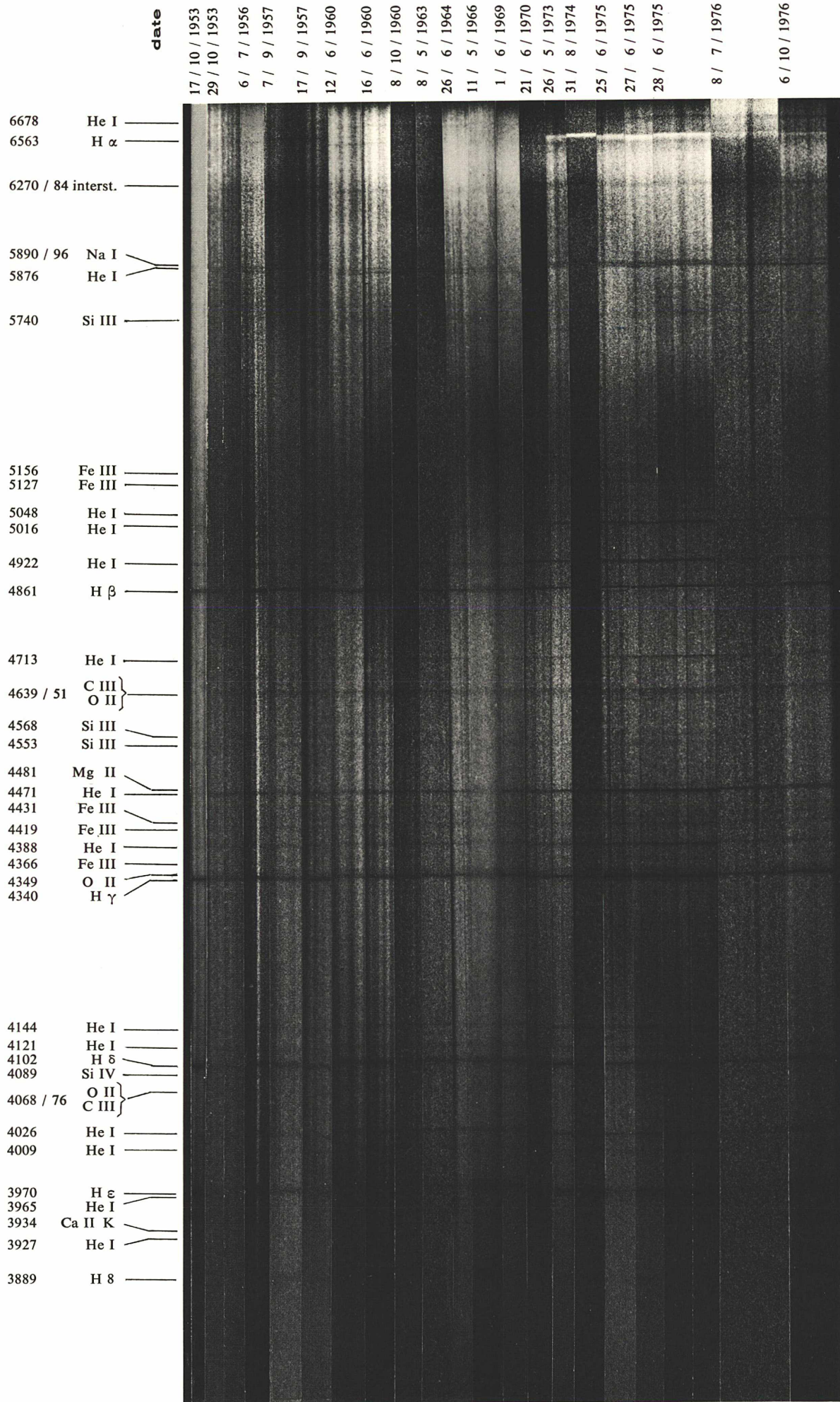
19 / 9 / 1954
 13 / 6 / 1955
 15 / 6 / 1955
 24 / 6 / 1956
 3 / 7 / 1956
 4 / 7 / 1956
 3 / 9 / 1957
 17 / 9 / 1957
 16 / 9 / 1958
 26 / 9 / 1958
 20 / 4 / 1959
 22 / 4 / 1959
 23 / 4 / 1959
 12 / 7 / 1959
 12 / 6 / 1960
 15 / 6 / 1960
 1 / 10 / 1960
 3 / 3 / 1961
 7 / 3 / 1961
 8 / 3 / 1961
 10 / 5 / 1961
 15 / 5 / 1961
 19 / 5 / 1961
 24 / 7 / 1961

6563 H α
 6270 / 84 interst.
 5890 / 96 Na I
 5876 He I
 4922 He I
 4861 H β
 4713 He I
 4481 Mg II
 4471 He I
 4388 He I
 4340 H γ
 4144 He I
 4128 / 31 Si II
 4121 He I
 4102 H δ
 4026 He I
 4009 He I
 3970 H ϵ
 3934 Ca II K
 3927 He I
 3889 H 8
 3835 H 9

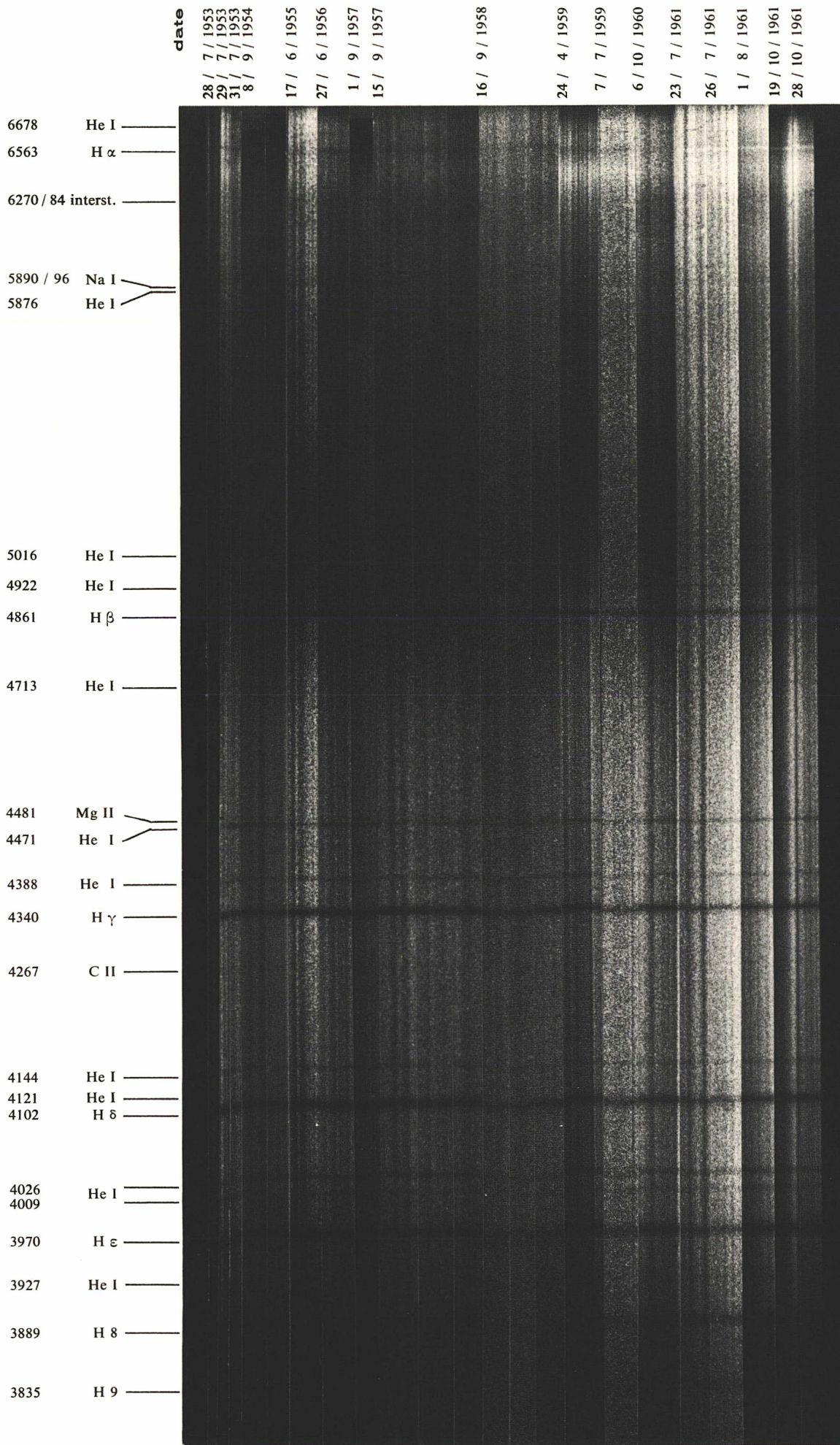
HD 171780 (1)



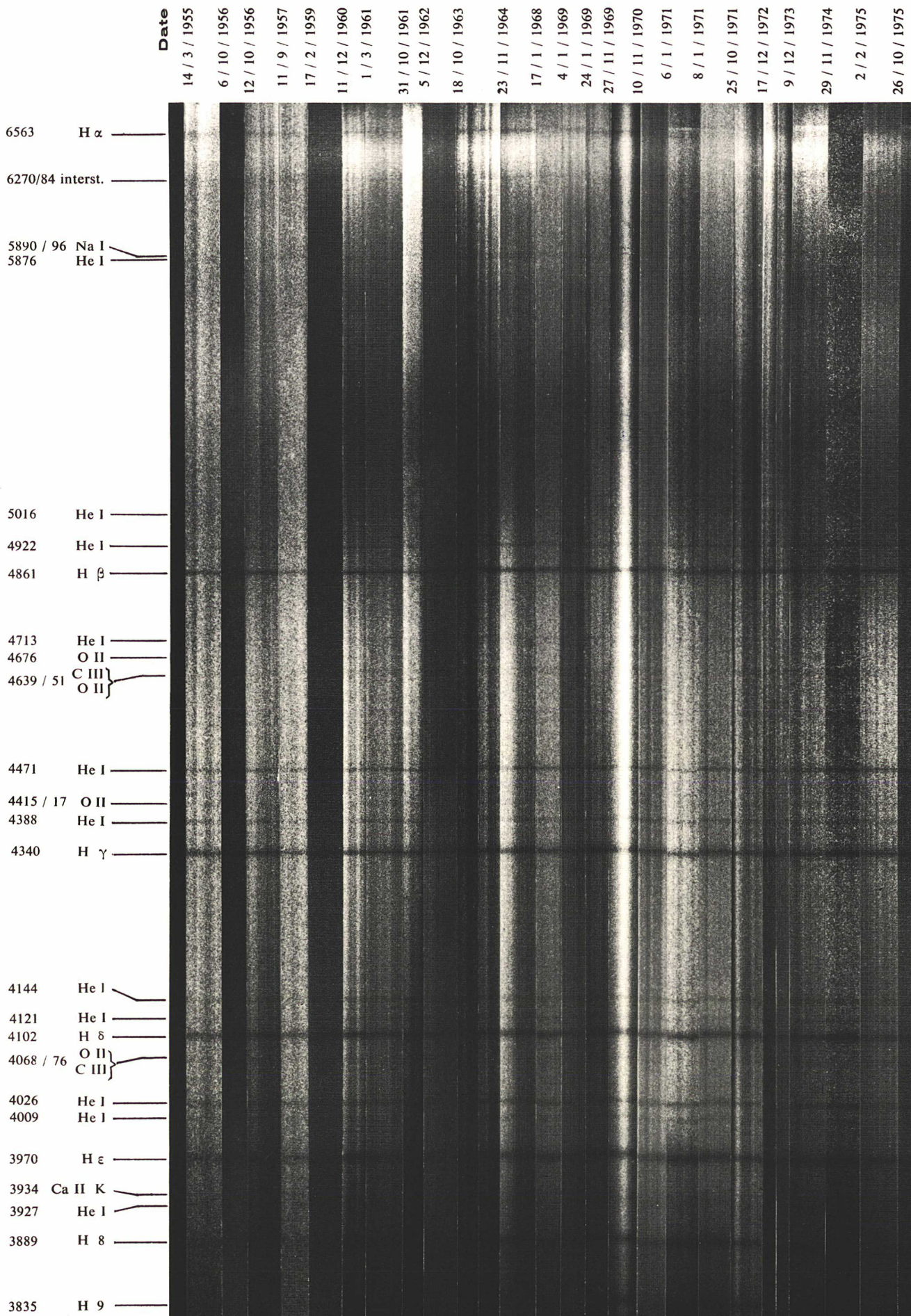
HD 171780 (2)



HD 184279



HD 191 610 (1)



HD 33328

date

6 / 3 / 1955
9 / 3 / 1955
12 / 12 / 1955
22 / 12 / 1955
19 / 3 / 1957
19 / 12 / 1957
2 / 3 / 1961
3 / 3 / 1961
4 / 3 / 1961
6 / 3 / 1961
9 / 3 / 1961
21 / 10 / 1963
21 / 11 / 1964
8 / 11 / 1966
16 / 1 / 1968
3 / 1 / 1969
26 / 11 / 1969
12 / 11 / 1970
6 / 1 / 1971
28 / 10 / 1971
19 / 11 / 1972
9 / 12 / 1973
25 / 11 / 1974
2 / 2 / 1975

6563 H α

6270 / 84 interst.

5890 / 96 Na I
5876 He I

5016 He I

4922 He I

4861 H β

4713 He I

4639 / 51 C III }
O II }

4481 Mg II
4471 He I

4388 He I

4340 H γ

4267 C II

4144 He I

4121 He I

4102 H δ

4026 He I
4009 He I

3970 H ϵ

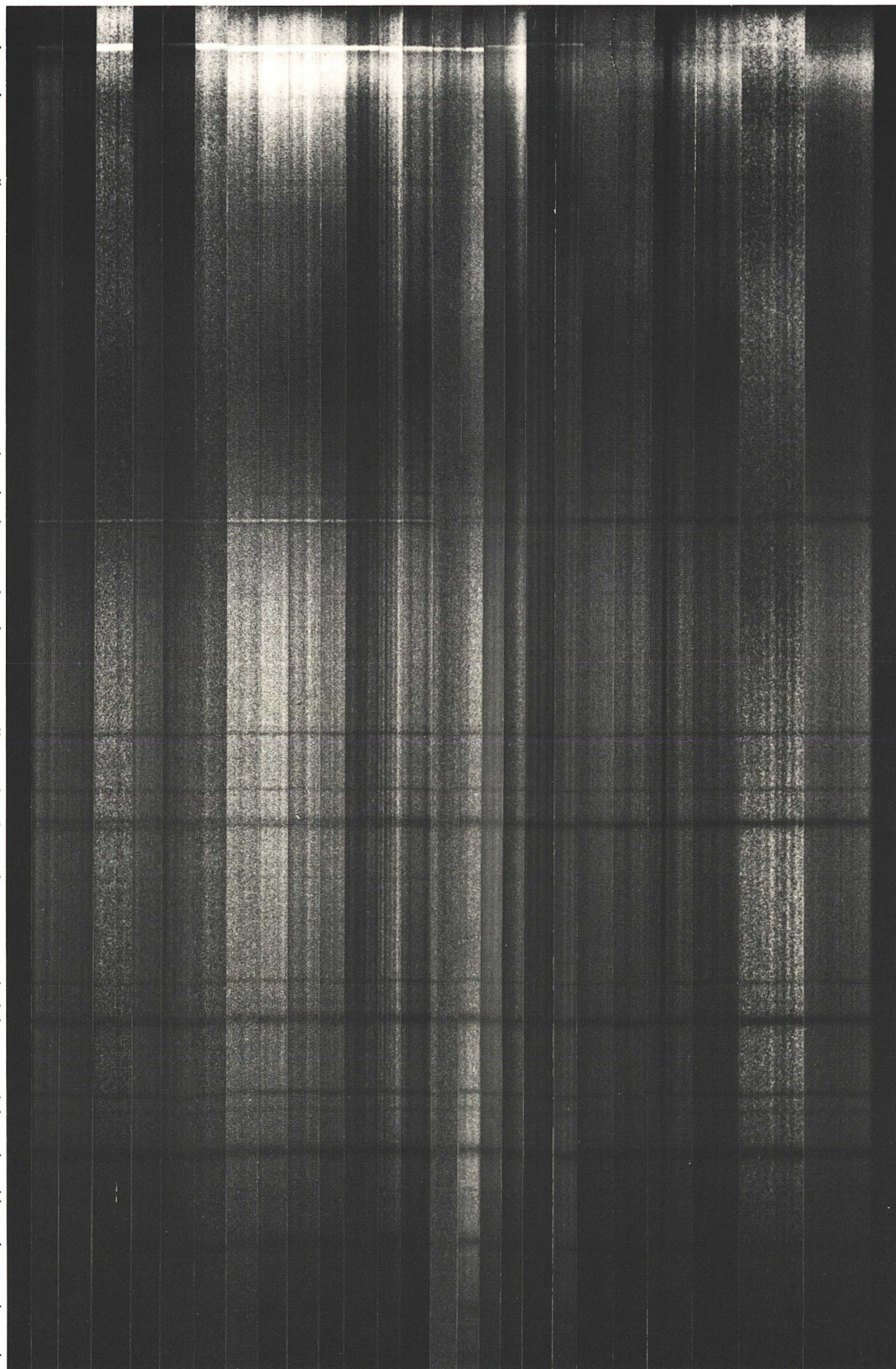
3934 Ca II K

3927 He I

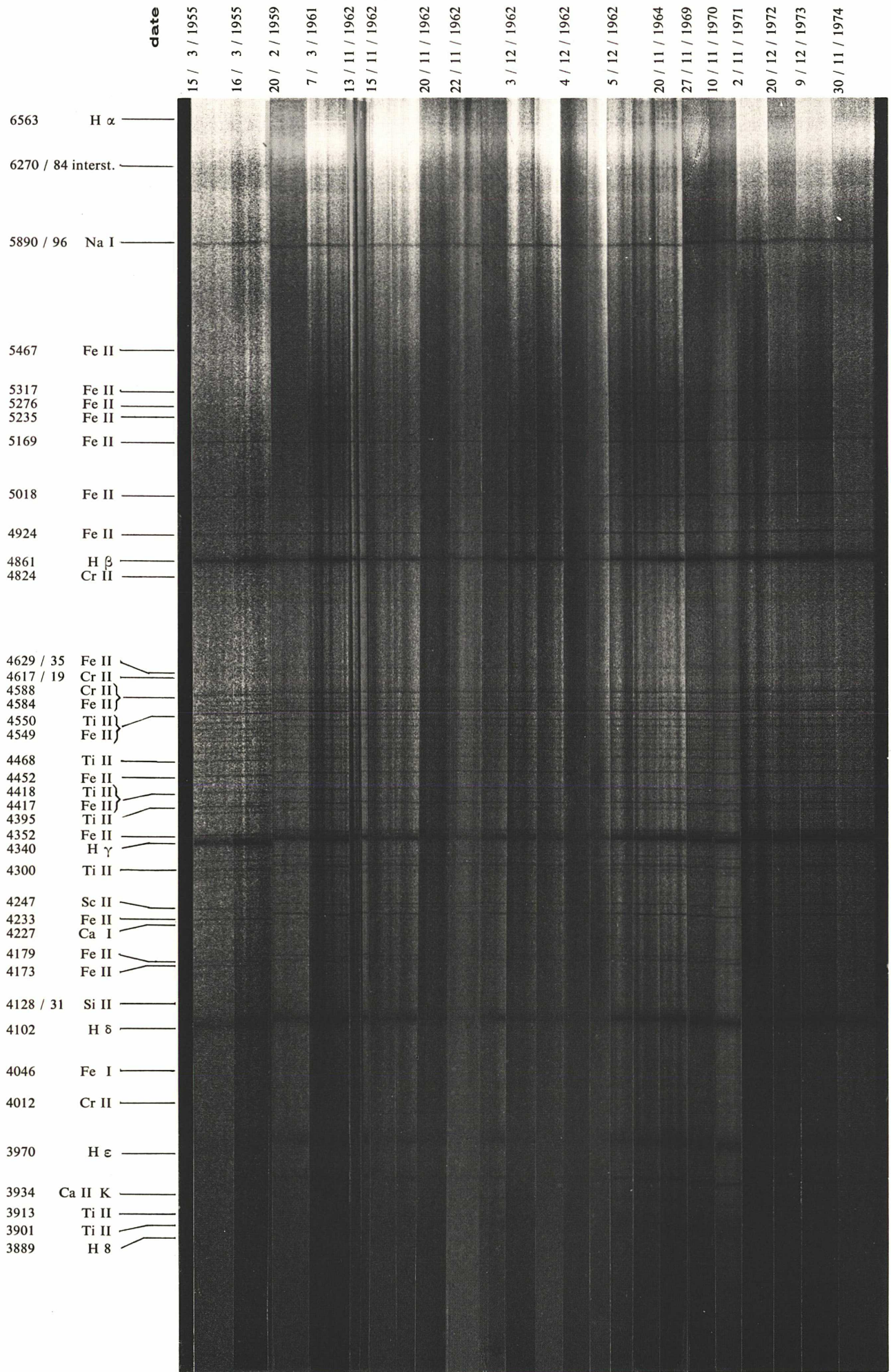
3889 H 8

3835 H 9

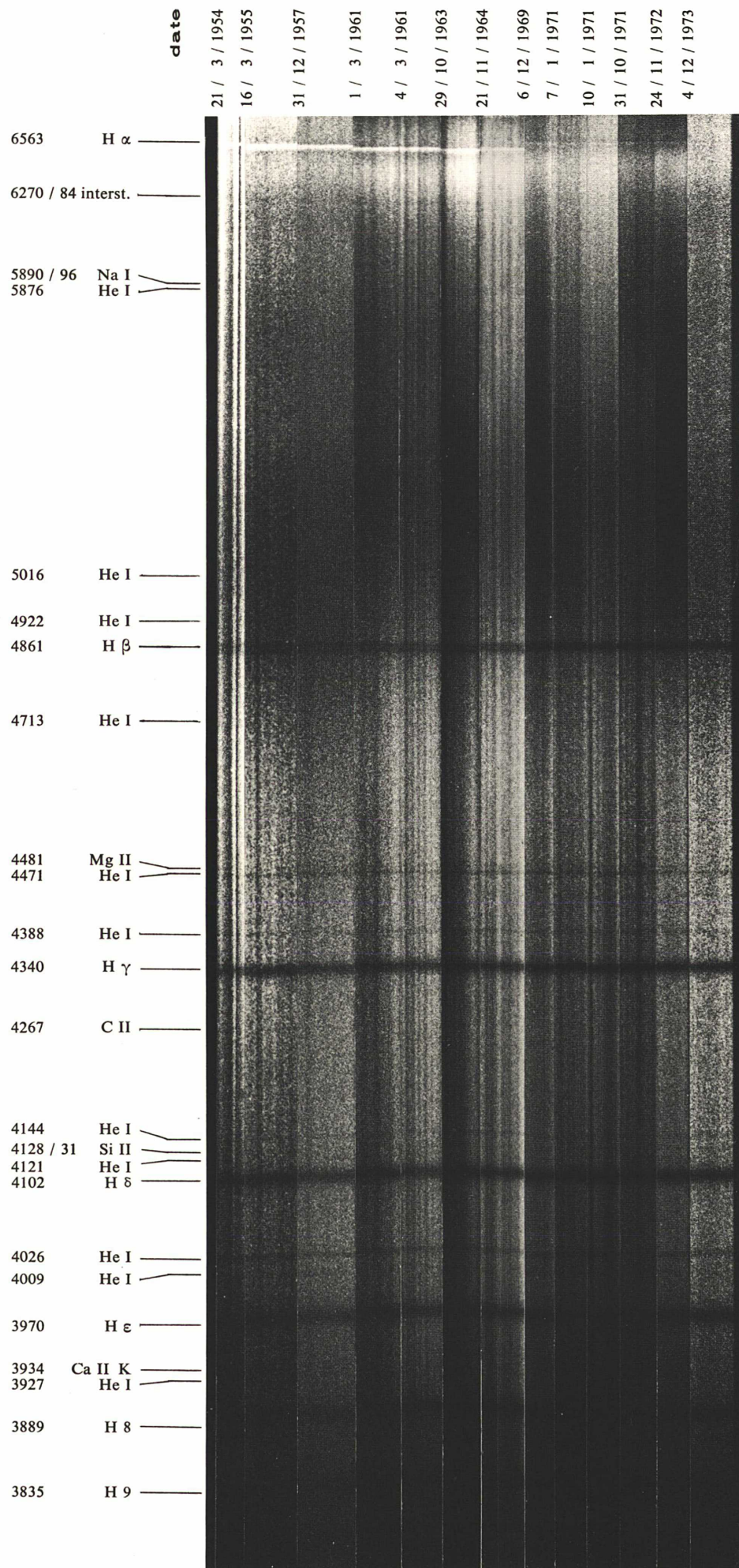
3798 H 10



HD 37657



HD 41511



HD 43285

date

20 / 3 / 1954

8 / 3 / 1955

17 / 3 / 1957

31 / 12 / 1957

24 / 10 / 1963

8 / 11 / 1966

11 / 11 / 1966

19 / 1 / 1968

3 / 1 / 1969

28 / 11 / 1969

28 / 10 / 1971

17 / 12 / 1972

5 / 12 / 1973

2 / 2 / 1975

6563 H α ———

6270 / 84 interst. ———

5890 / 96 Na I ———

5876 He I ———

4922 He I ———

4861 H β ———

4686 He II ———

4639 / 51 C III } ———

O II } ———

4471 He I ———

4430 interst. ———

4388 He I ———

4340 H γ ———

4144 He I ———

4121 He I ———

4102 H δ ———

4089 Si IV ———

O II } ———

4068 / 76 C III } ———

4026 He I ———

4009 He I ———

3995 N II ———

3970 H ϵ ———

3934 Ca II K ———

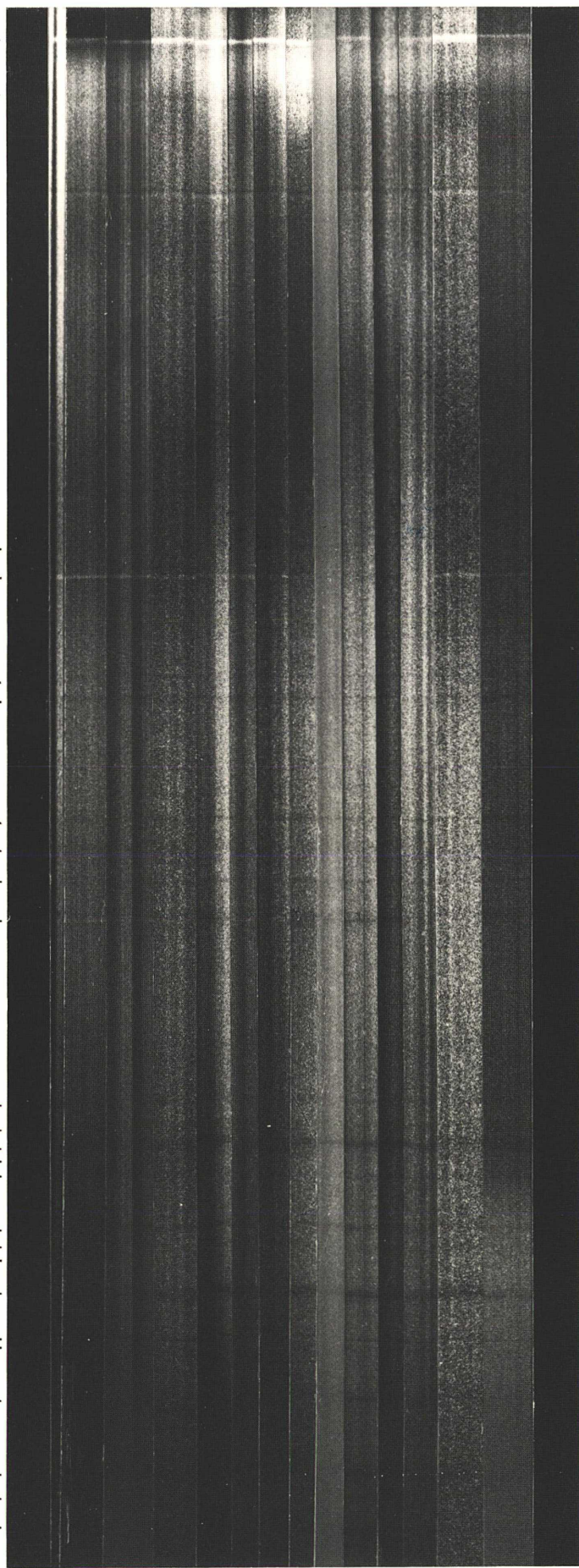
3927 He I ———

3889 H ζ ———

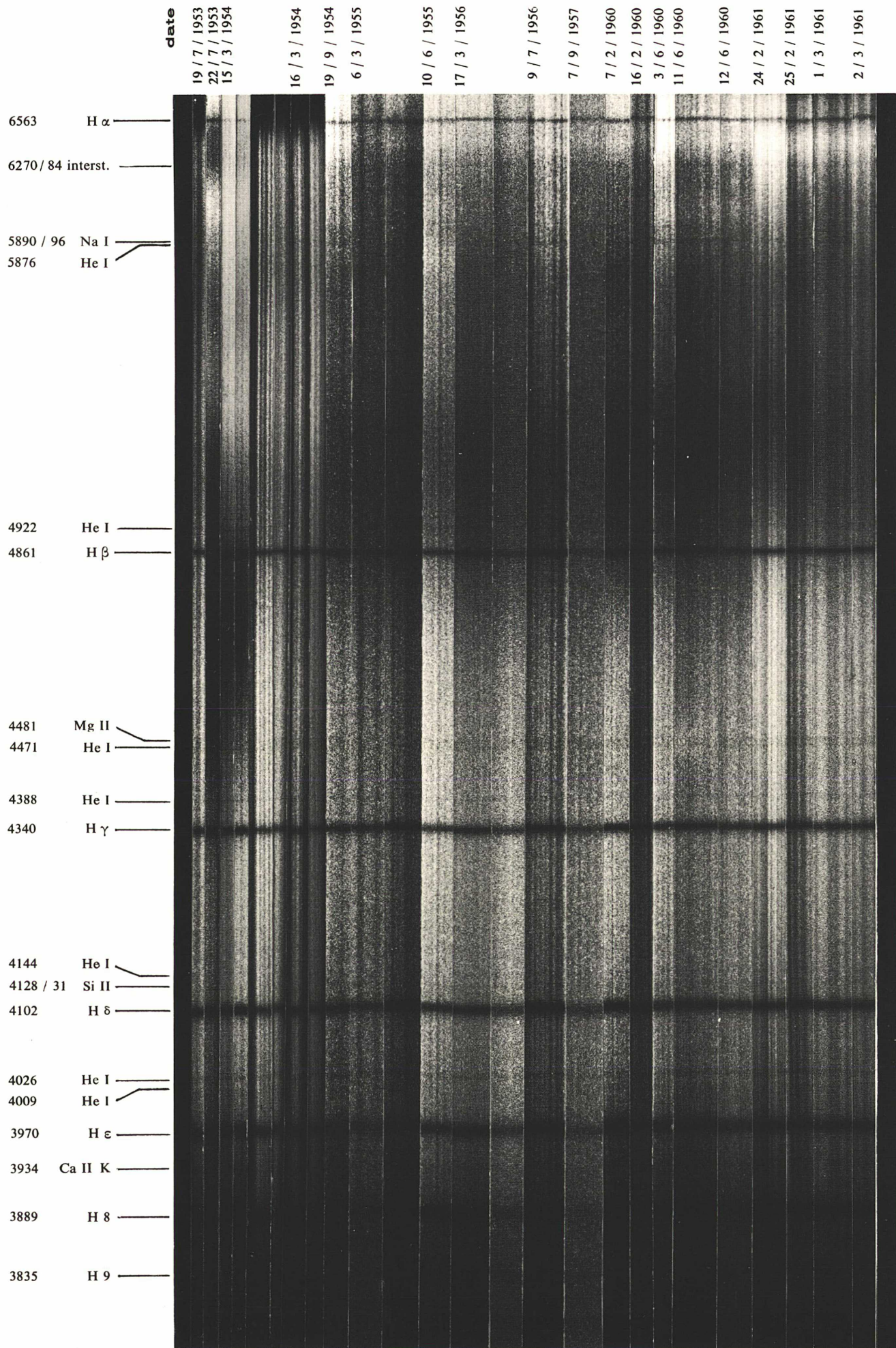
3835 H η ———

3820 He I ———

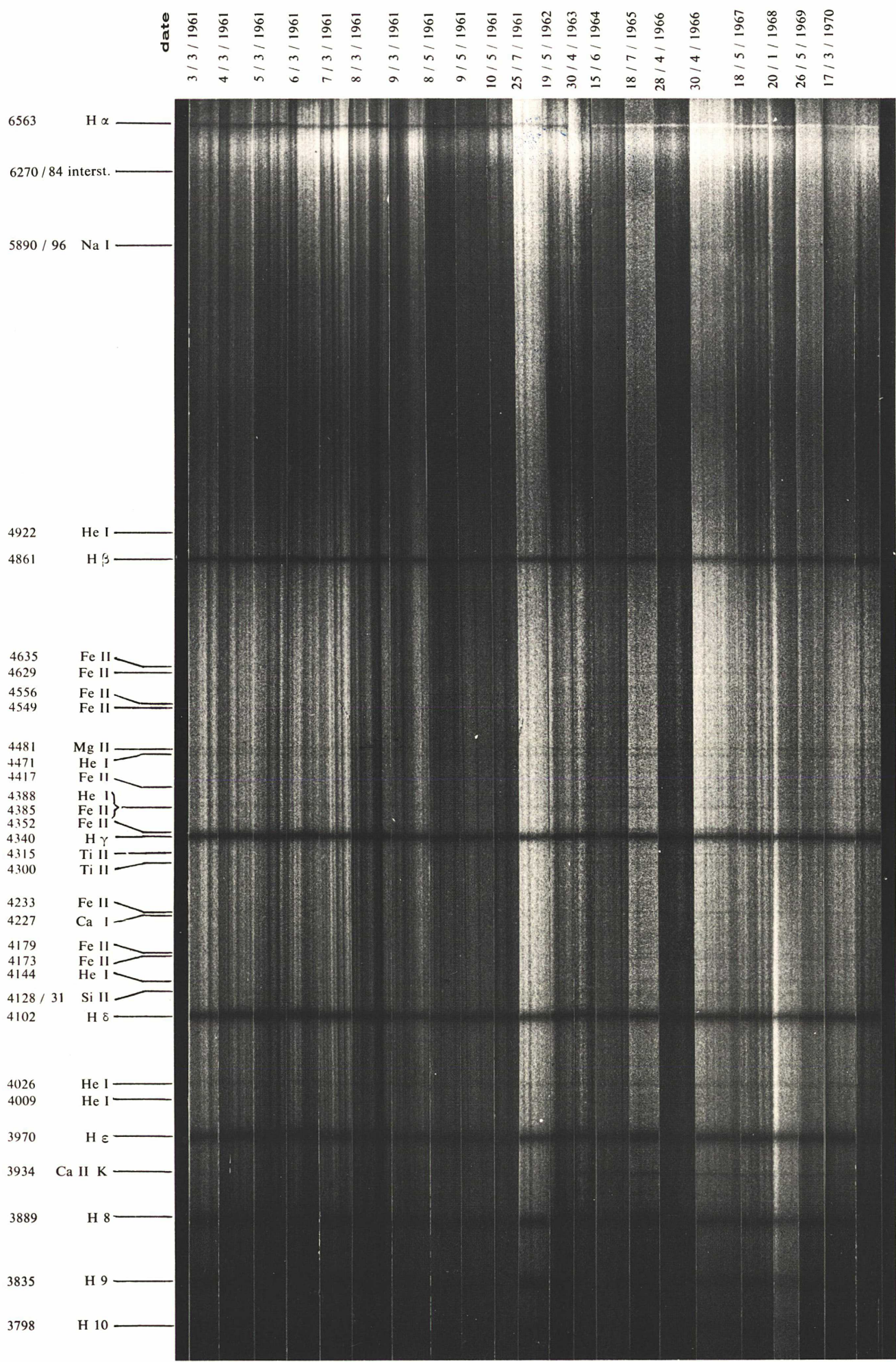
3798 H θ ———



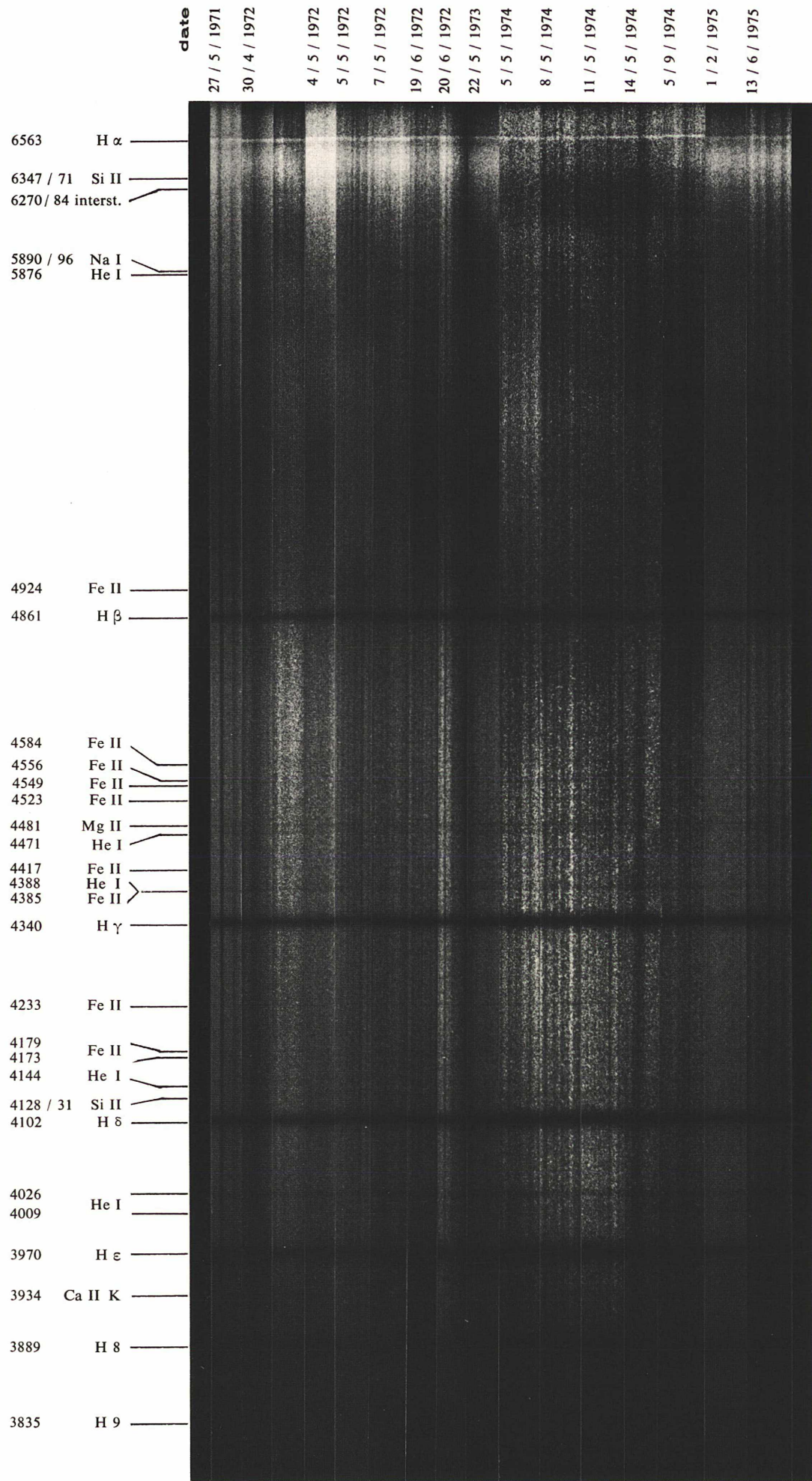
HD 45314



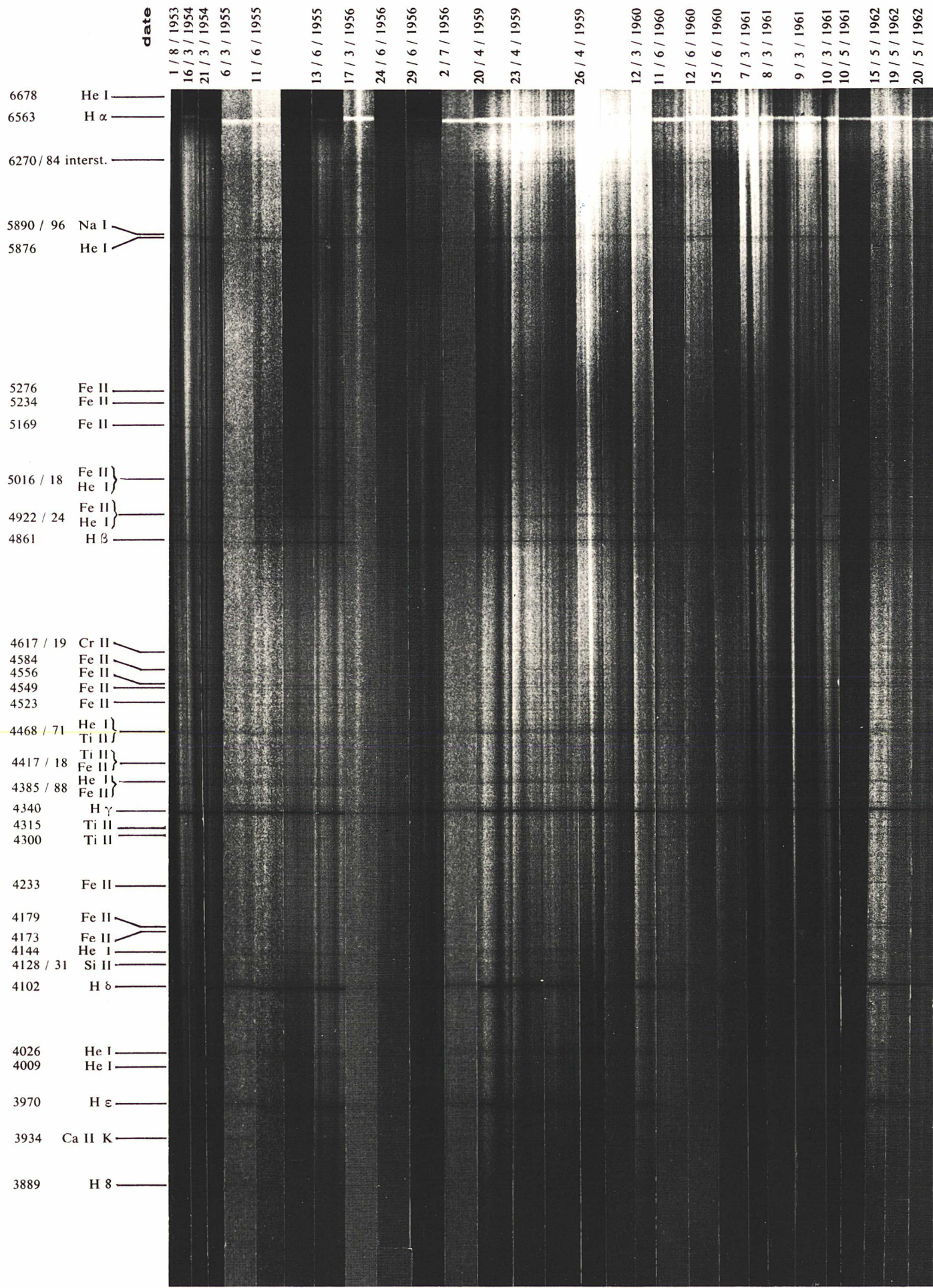
HD 142926 (1)



HD 142 926 (2)



HD 142 926 (3)

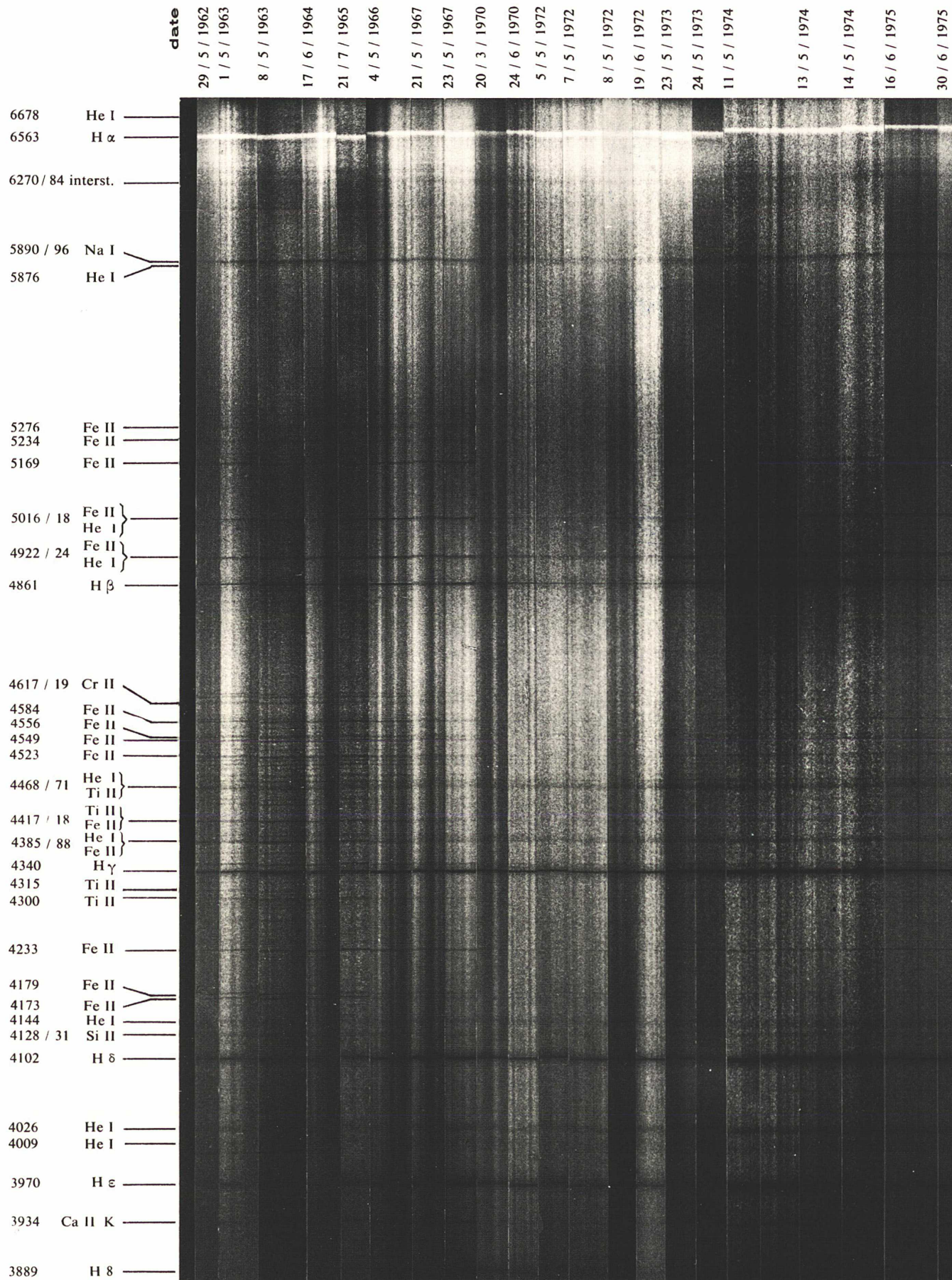


date

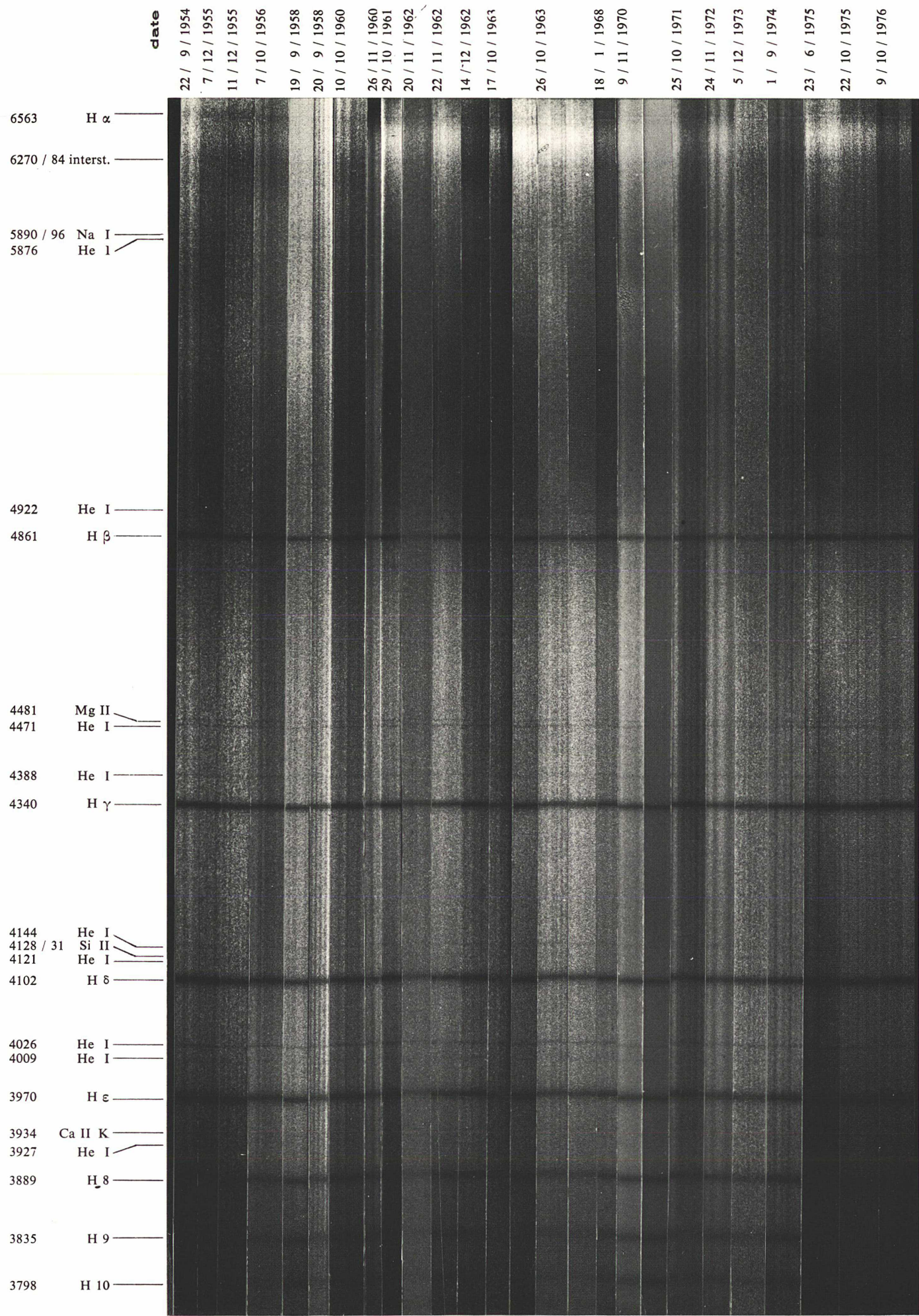
1 / 8 / 1953
 16 / 3 / 1954
 21 / 3 / 1954
 6 / 3 / 1955
 11 / 6 / 1955
 13 / 6 / 1955
 17 / 3 / 1956
 24 / 6 / 1956
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 2 / 7 / 1956
 20 / 4 / 1959
 23 / 4 / 1959
 26 / 4 / 1959
 12 / 3 / 1960
 11 / 6 / 1960
 12 / 6 / 1960
 15 / 6 / 1960
 7 / 3 / 1961
 8 / 3 / 1961
 9 / 3 / 1961
 10 / 3 / 1961
 10 / 5 / 1961
 15 / 5 / 1962
 19 / 5 / 1962
 20 / 5 / 1962

6678 He I
 6563 H α
 6270 / 84 interst.
 5890 / 96 Na I
 5876 He I
 5276 Fe II
 5234 Fe II
 5169 Fe II
 5016 / 18 Fe II
 He I
 4922 / 24 Fe II
 He I
 4861 H β
 4617 / 19 Cr II
 4584 Fe II
 4556 Fe II
 4549 Fe II
 4523 Fe II
 4468 / 71 He I
 Ti II
 4417 / 18 Ti II
 Fe II
 4385 / 88 He I
 Fe II
 4340 H γ
 4315 Ti II
 4300 Ti II
 4233 Fe II
 4179 Fe II
 4173 Fe II
 4144 He I
 4128 / 31 Si II
 4102 H δ
 4026 He I
 4009 He I
 3970 H ϵ
 3934 Ca II K
 3889 H δ

HD 142 983 (1)



HD 142 983 (2)



HD 6811

date

18 / 10 / 1953
23 / 10 / 1953
19 / 9 / 1954

10 / 12 / 1955
9 / 10 / 1956

11 / 10 / 1956

6 / 9 / 1957

19 / 12 / 1957

19 / 9 / 1958

20 / 9 / 1958

24 / 9 / 1958

31 / 10 / 1961

4 / 12 / 1962

23 / 10 / 1963

20 / 11 / 1964

10 / 11 / 1966

3 / 1 / 1969

2 / 12 / 1969

24 / 10 / 1971

1 / 11 / 1971

18 / 12 / 1972

4 / 12 / 1973

29 / 11 / 1974

24 / 10 / 1975

8 / 10 / 1976

6563 H α

6270 / 84 interst.

5890 / 96 Na I

5876 He I

4922 He I

4861 H β

4713 He I

4629 Fe II

4584 Fe II

4556 Fe II

4549 Fe II

4523 Fe II

4481 Mg II

4471 He I

4430 interst.

4417/18 Fe II Ti II

4395 Ti II

4388 He I

4340 H γ

4233 Fe II

4179 Fe II

4173 Fe II

4144 He I

4131 Si II

4128 Si II

4121 He I

4102 H δ

4026 He I

4009 He I

3995 N II

3970 H ϵ

3965 He I

3934 Ca II K

3927 He I

3889 H δ

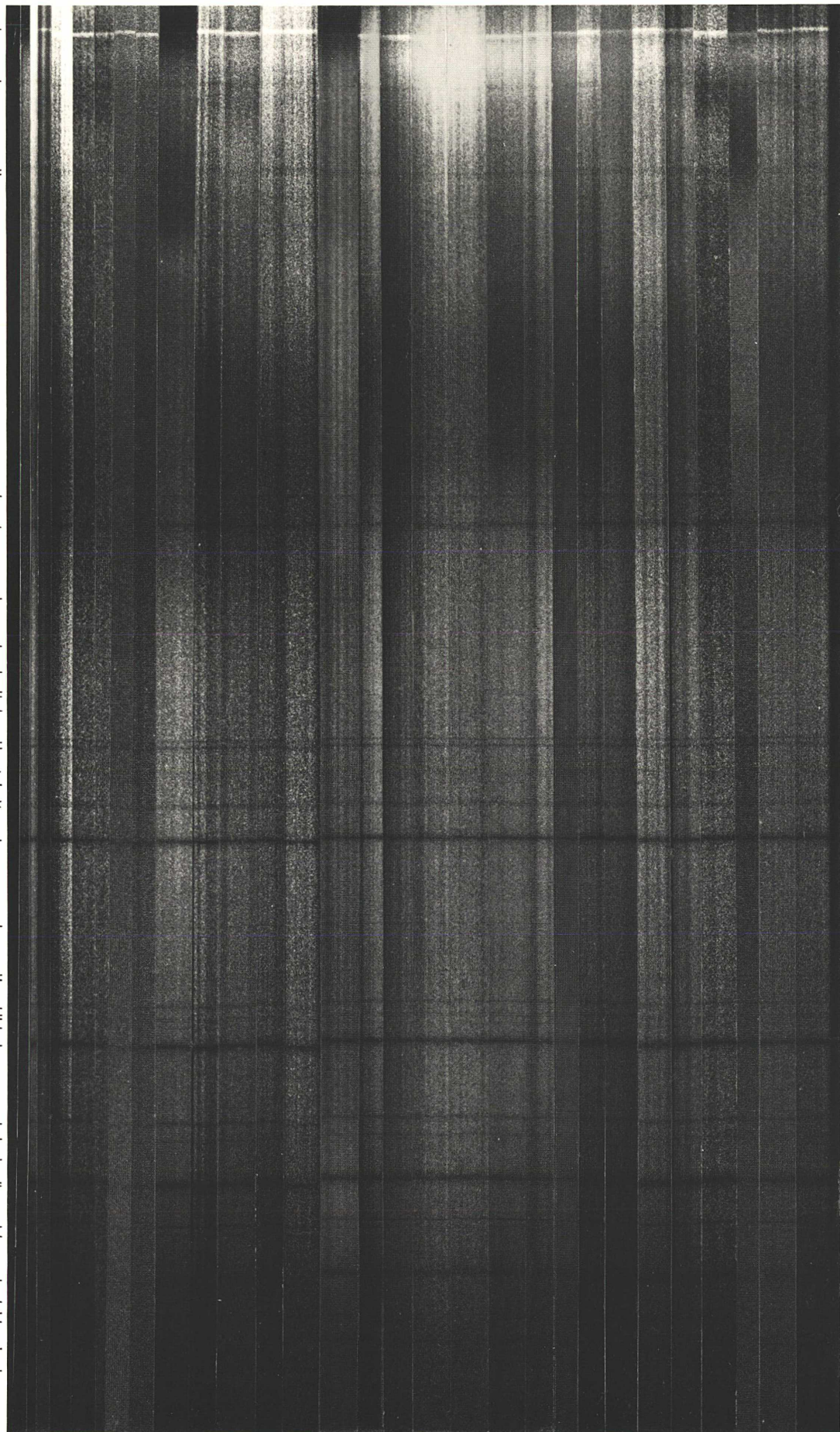
3872 He I

3863 Si II

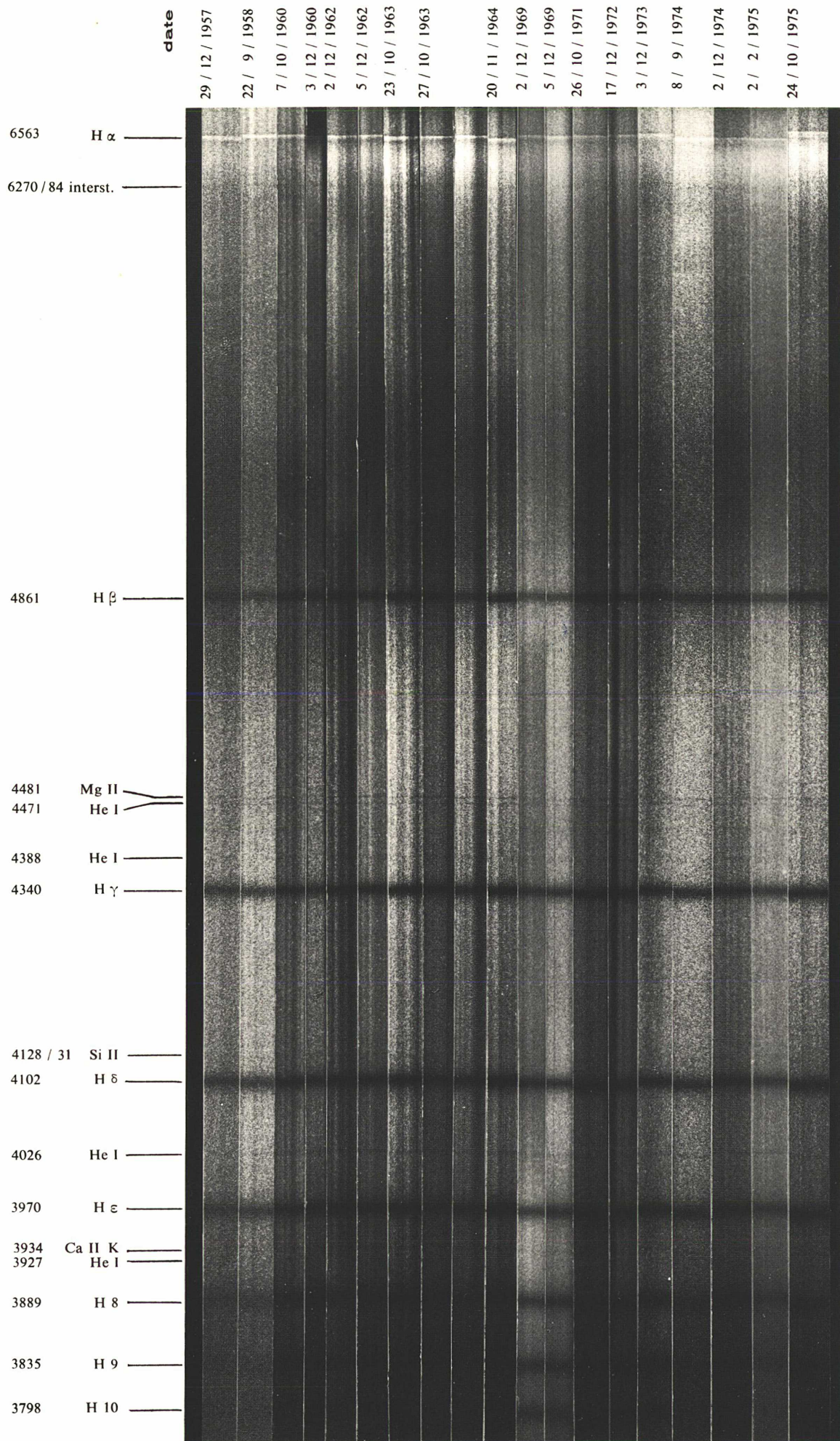
3854 / 56 Si II

3835 H 9

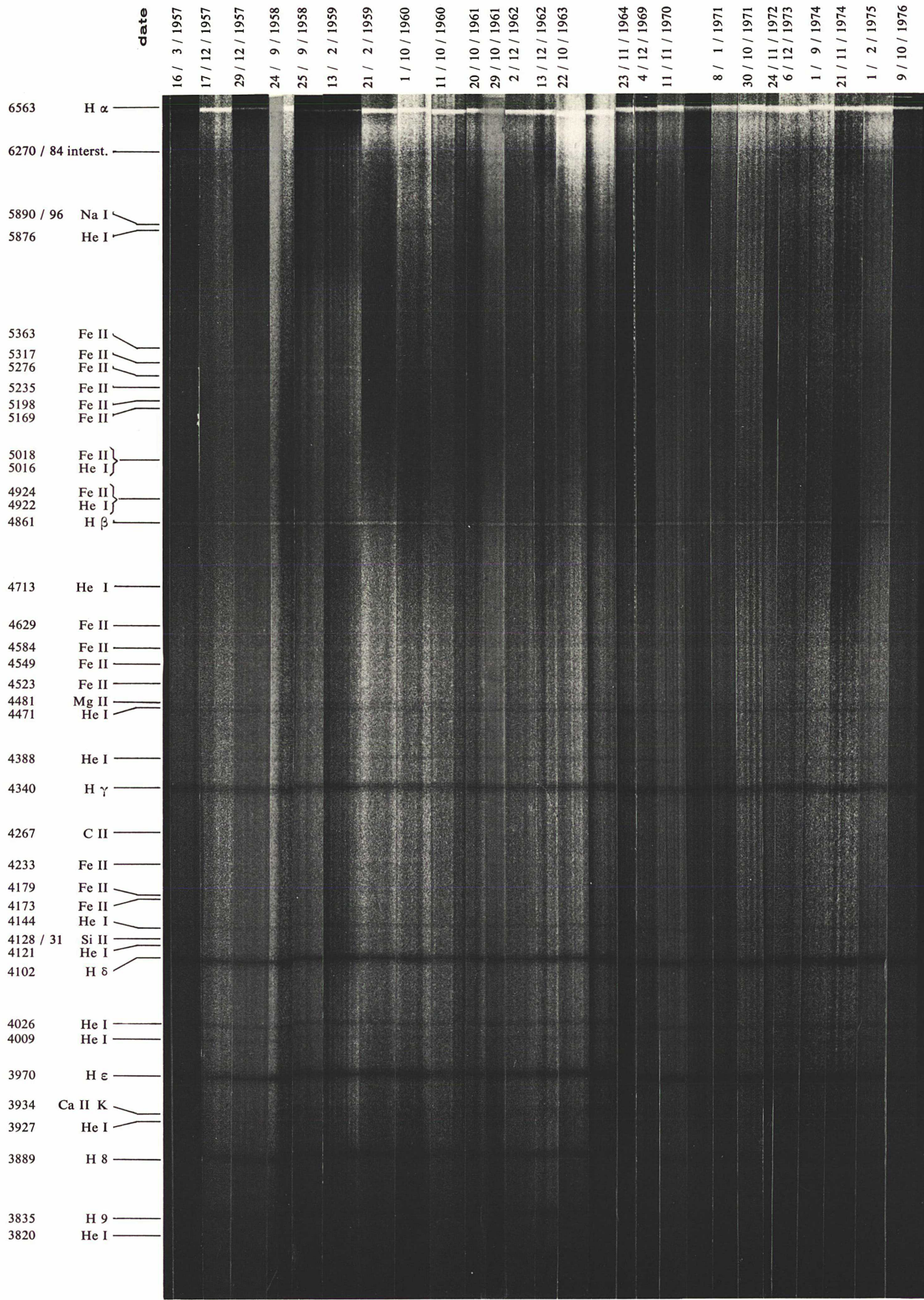
3820 He I



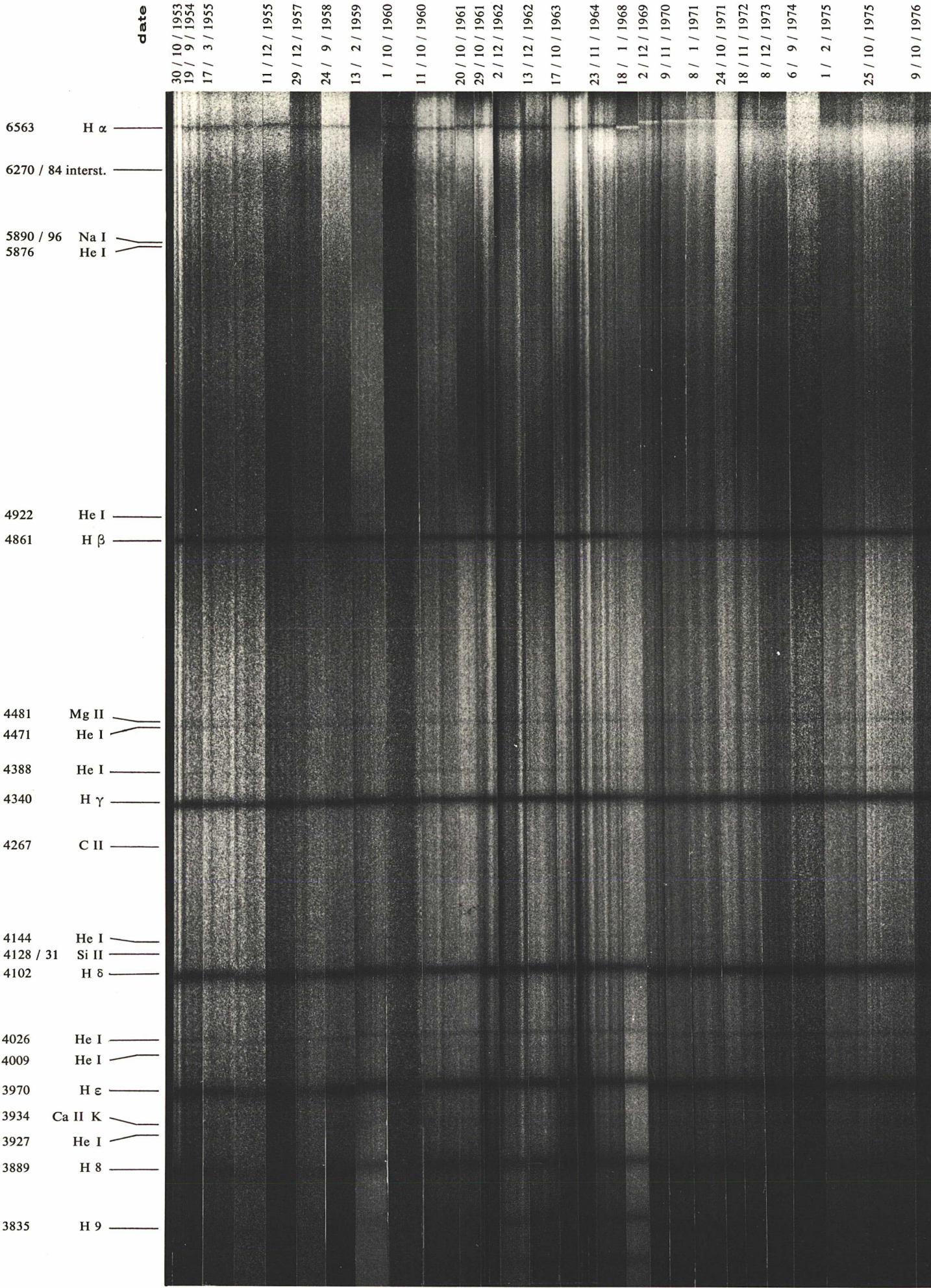
HD 698



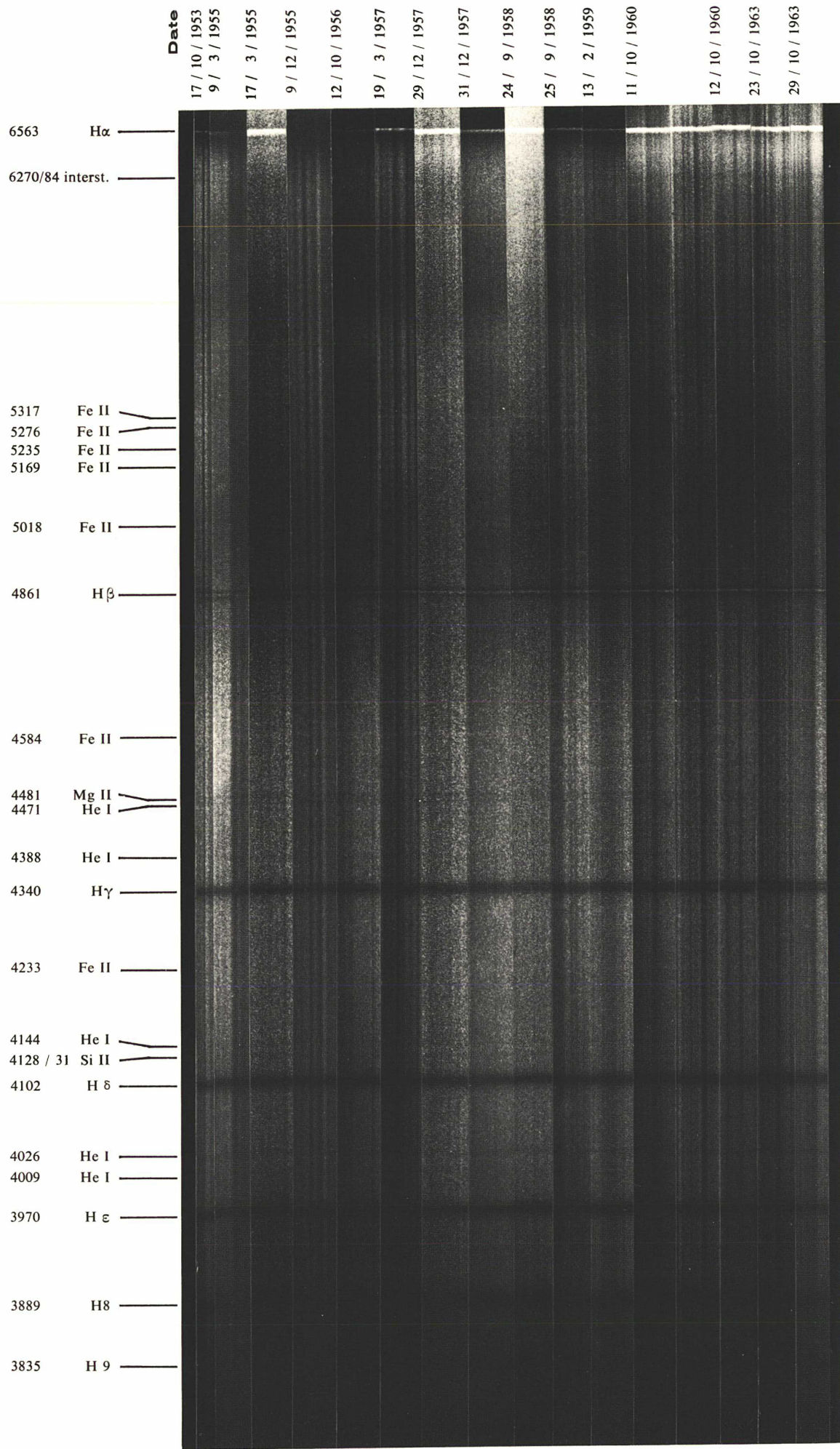
HD 21641



HD 22192



HD 22 780



Date

17 / 10 / 1953

9 / 3 / 1955

17 / 3 / 1955

9 / 12 / 1955

12 / 10 / 1956

19 / 3 / 1957

29 / 12 / 1957

31 / 12 / 1957

24 / 9 / 1958

25 / 9 / 1958

13 / 2 / 1959

11 / 10 / 1960

12 / 10 / 1960

23 / 10 / 1963

29 / 10 / 1963

6563 H α

6270/84 interst.

5317 Fe II

5276 Fe II

5235 Fe II

5169 Fe II

5018 Fe II

4861 H β

4584 Fe II

4481 Mg II

4471 He I

4388 He I

4340 H γ

4233 Fe II

4144 He I

4128 / 31 Si II

4102 H δ

4026 He I

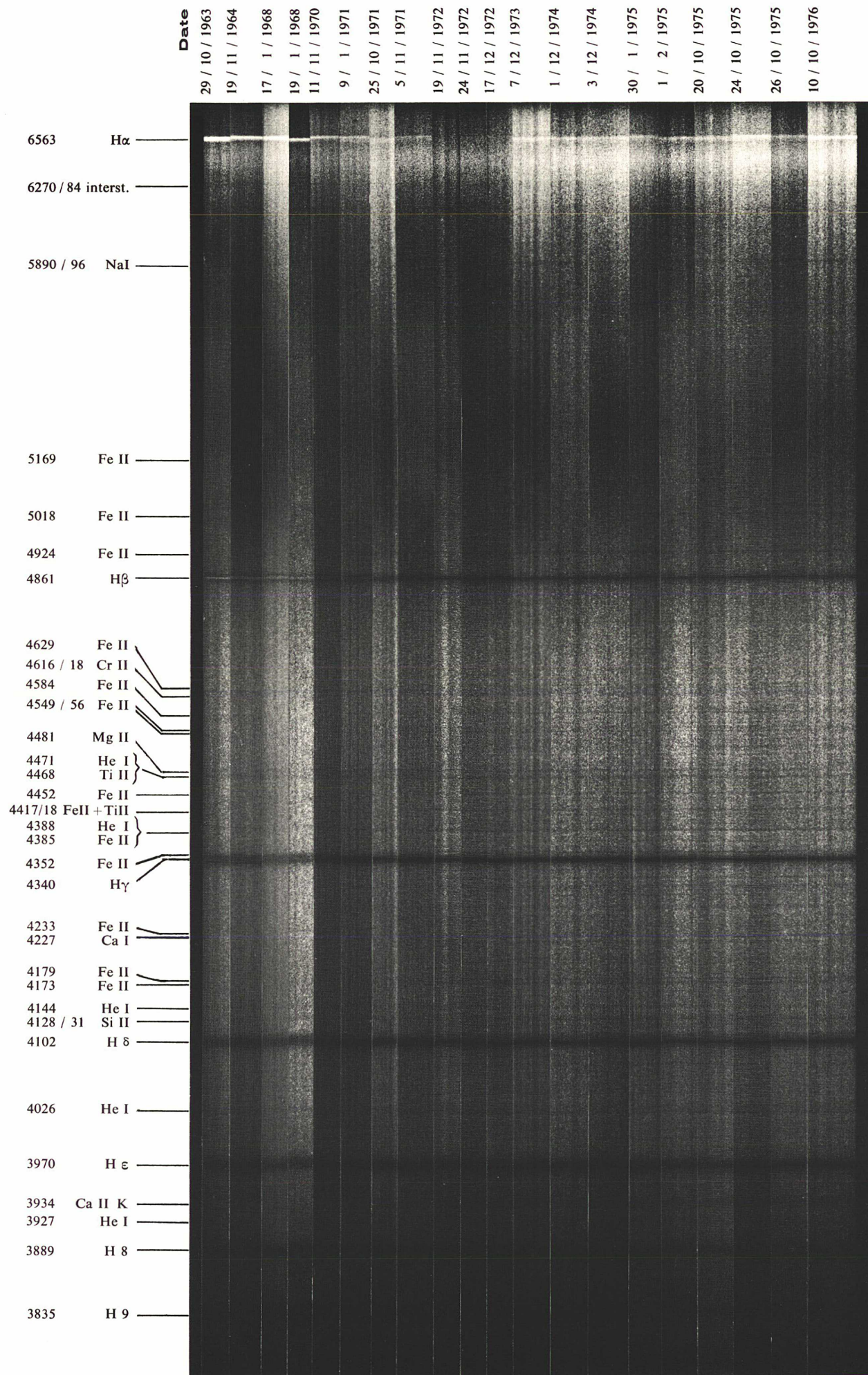
4009 He I

3970 H ϵ

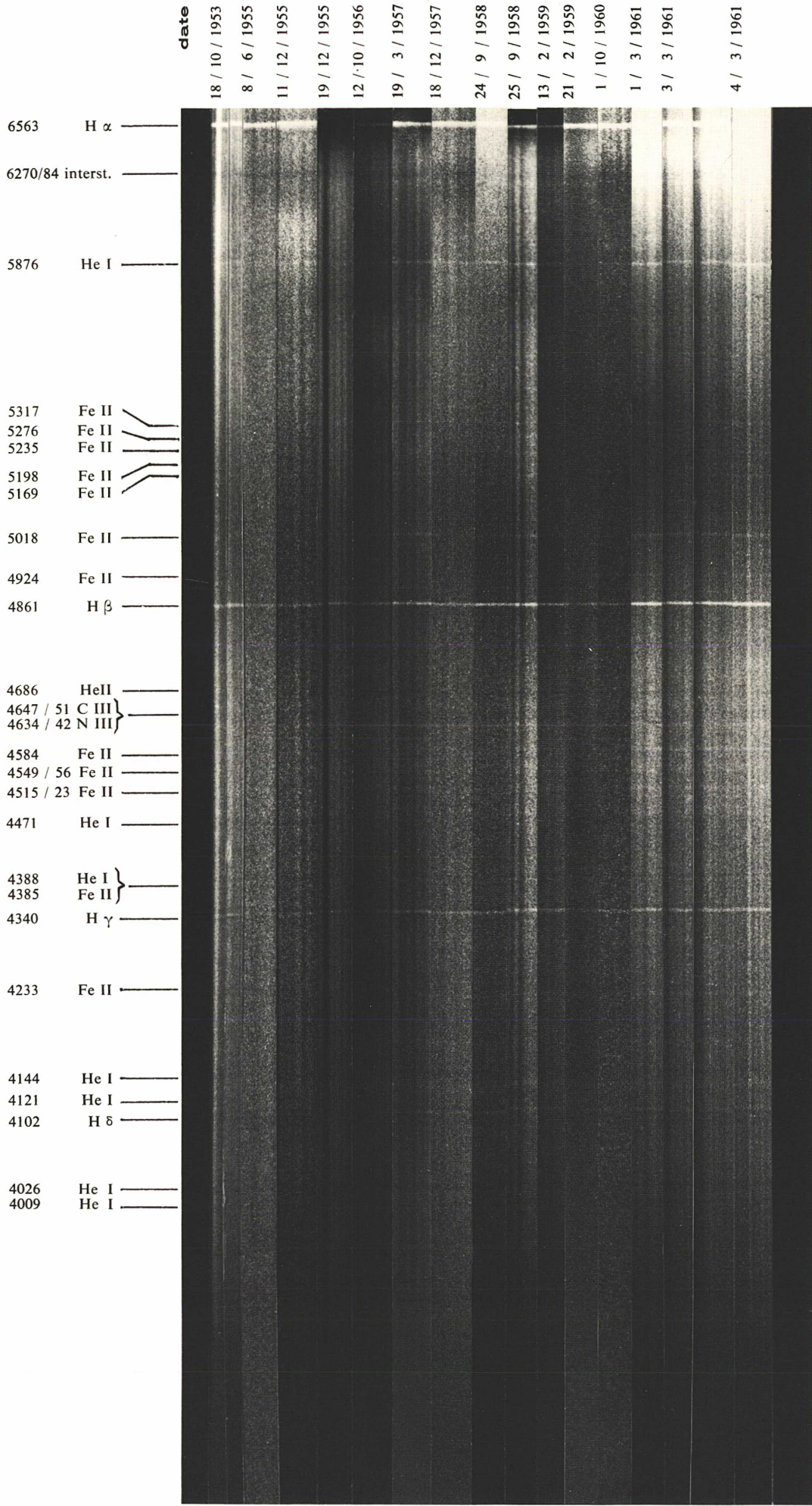
3889 H8

3835 H9

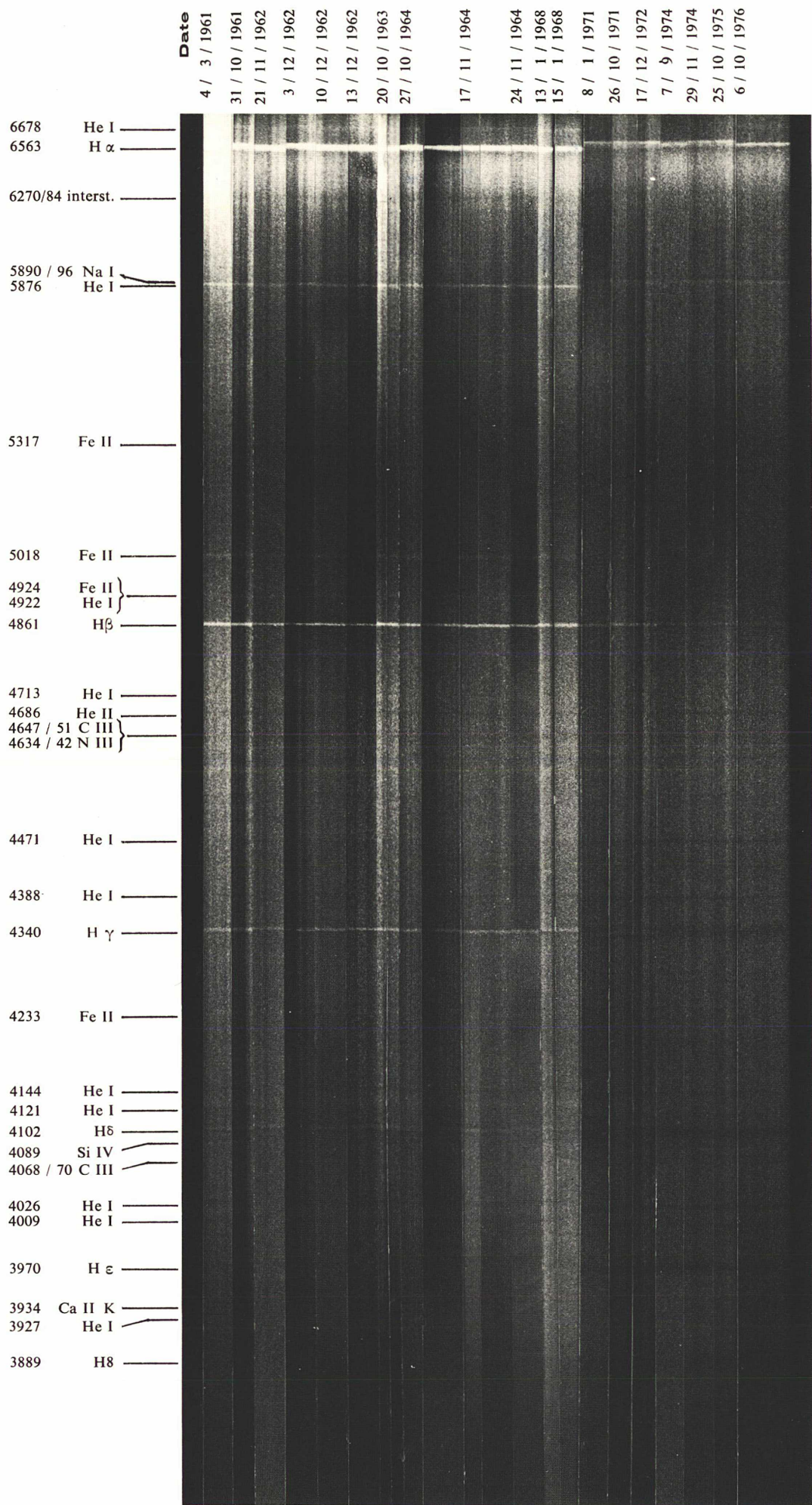
HD 23862 (1)



HD 23862 (2)



HD 24 534 (1)



HD 24534 (2)

date

8 / 3 / 1955
12 / 12 / 1955
18 / 3 / 1957
31 / 12 / 1957
25 / 9 / 1958
21 / 2 / 1959
2 / 3 / 1961
9 / 3 / 1961
24 / 10 / 1963

13 / 11 / 1964
10 / 11 / 1970
24 / 10 / 1971
4 / 11 / 1971
27 / 11 / 1972
17 / 12 / 1972
6 / 12 / 1973
10 / 12 / 1973
7 / 9 / 1974

30 / 11 / 1974

6563 H α —
6270/84 interst. —
5876 He I —

5169 Fe II —
5016 / 18 } Fe II —
He I —
4922 He I —
4861 H β —

4713 He I —
4629 Fe II —
4584 Fe II —
4549 Fe II —
4481 Mg II —
4471 He I —
4452 Fe II —
4417 Fe II —
4388 He I —
4340 H γ —
4267 C II —

4144 He I —
4121 He I —
4102 H δ —

4026 He I —
4009 He I —
3970 He —
3927 He I —
3889 H 8 —
3835 H 9 —
3820 He I —



HD 32343