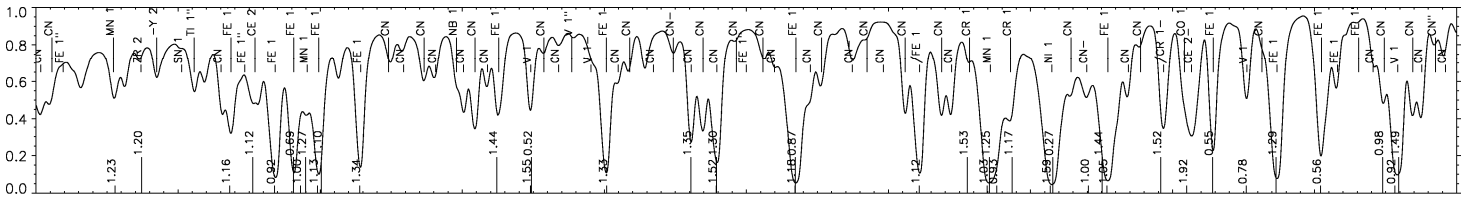
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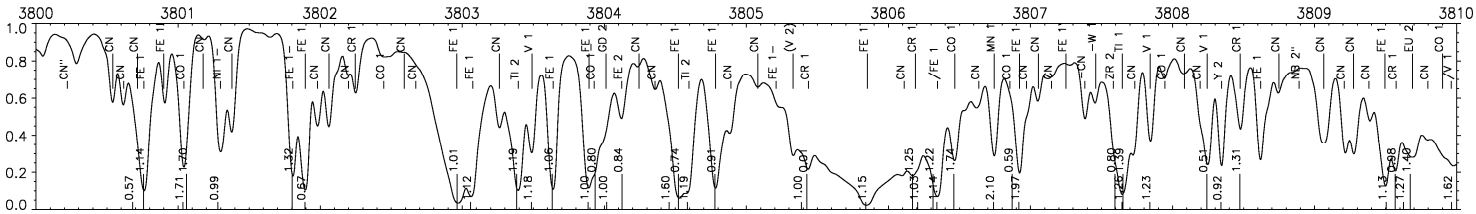
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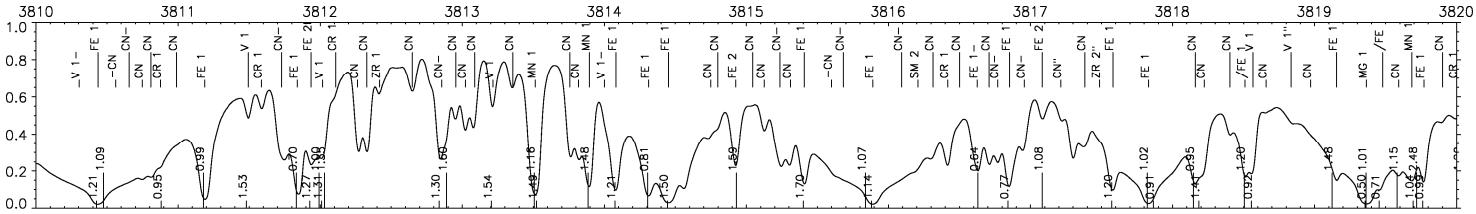
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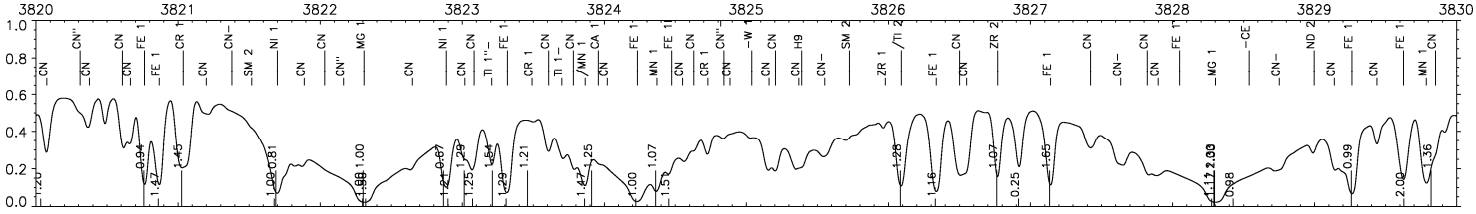
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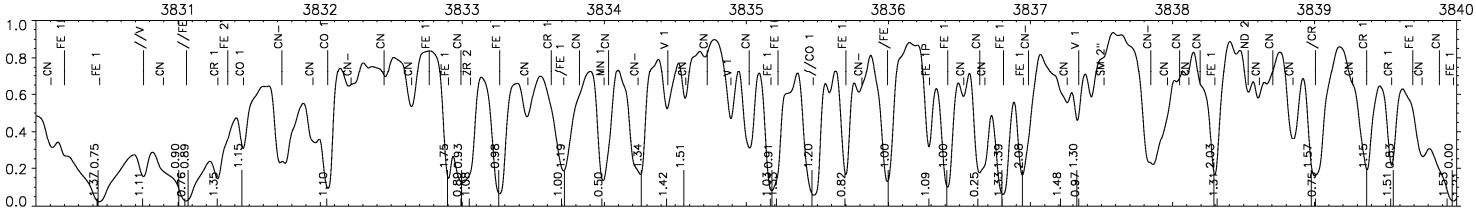
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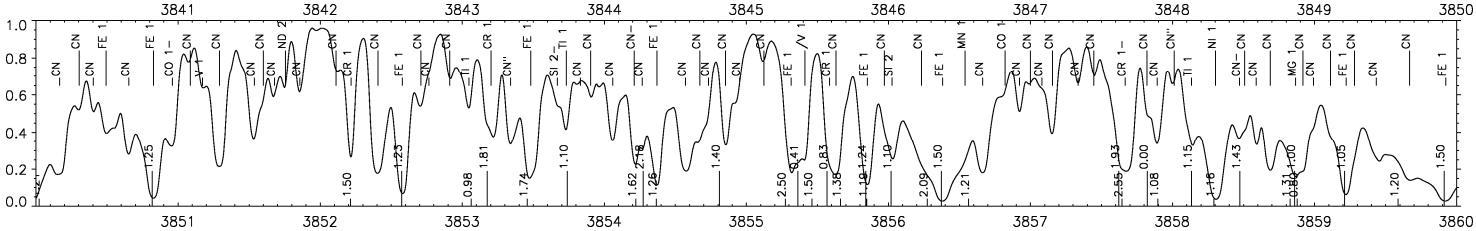
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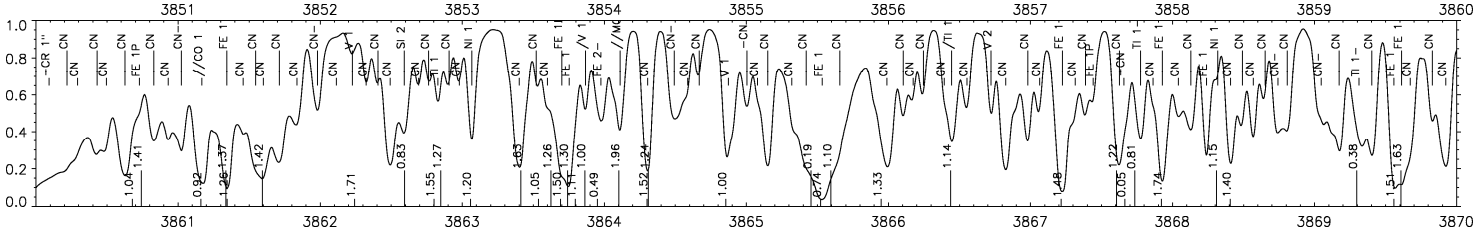
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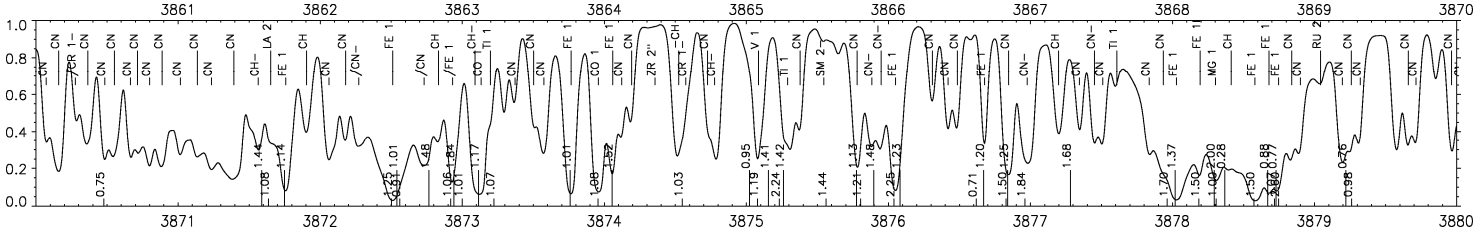
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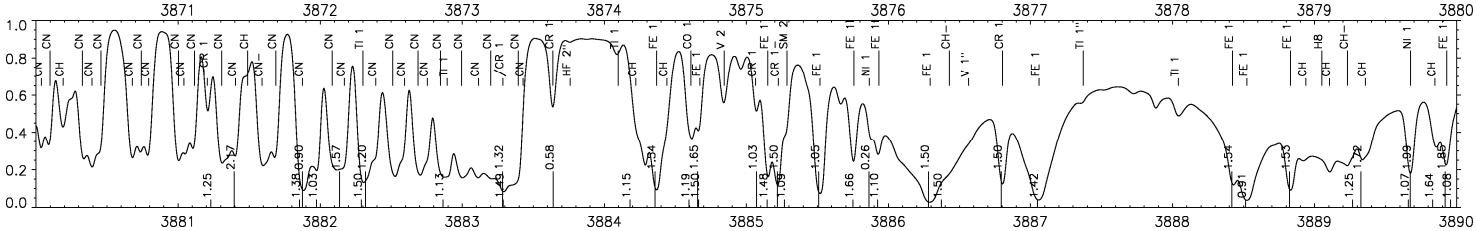
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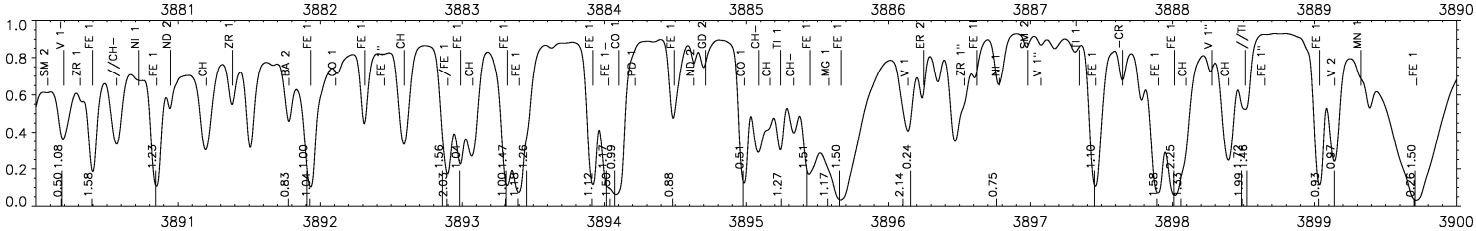
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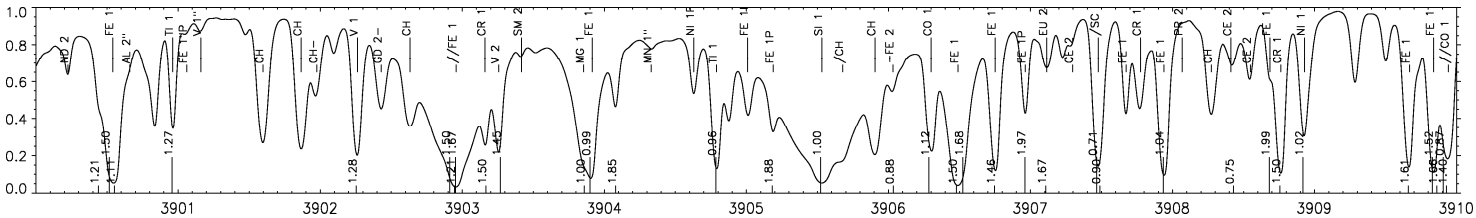
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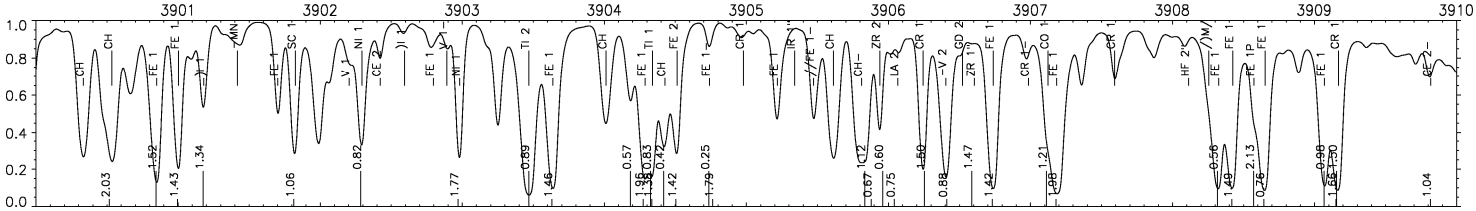
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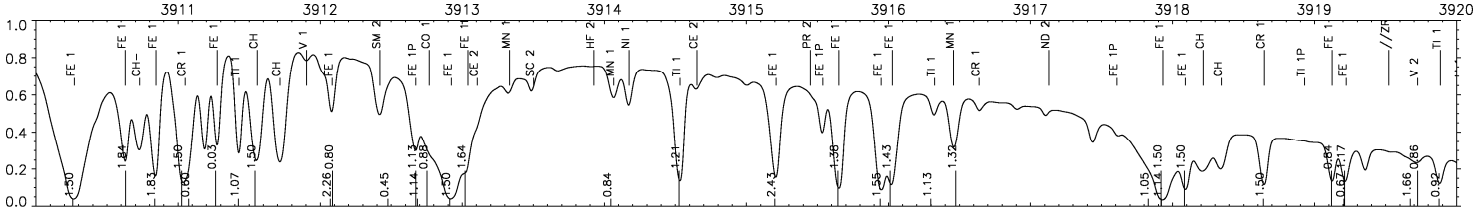
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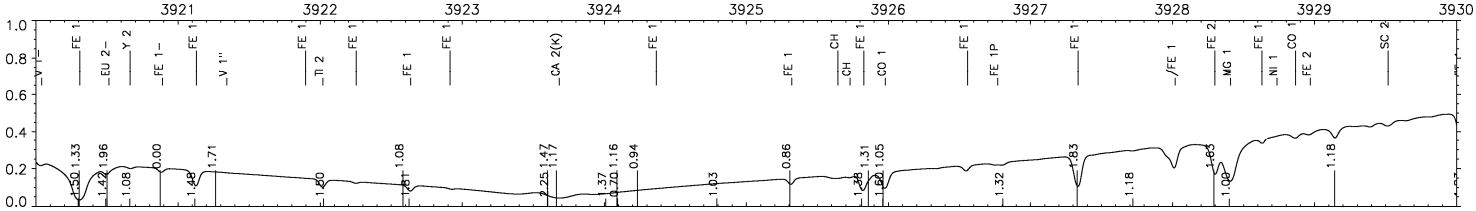
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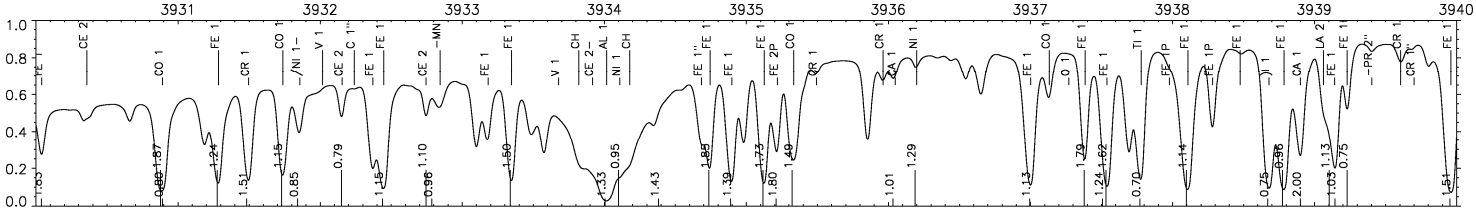
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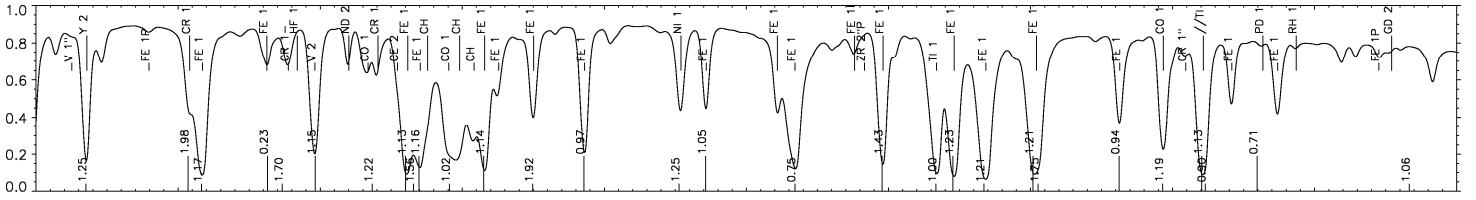
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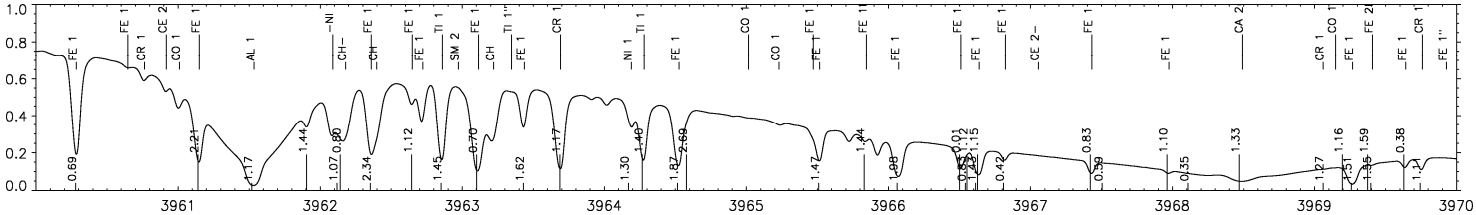
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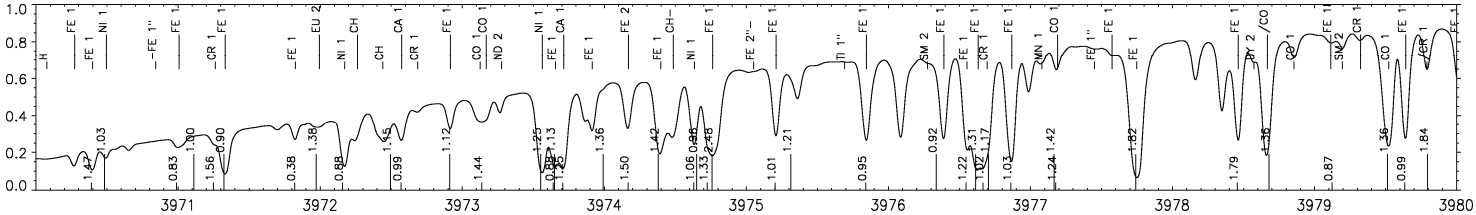
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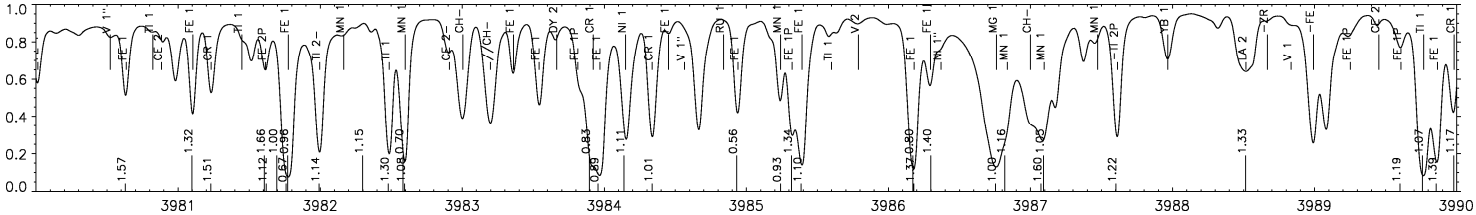
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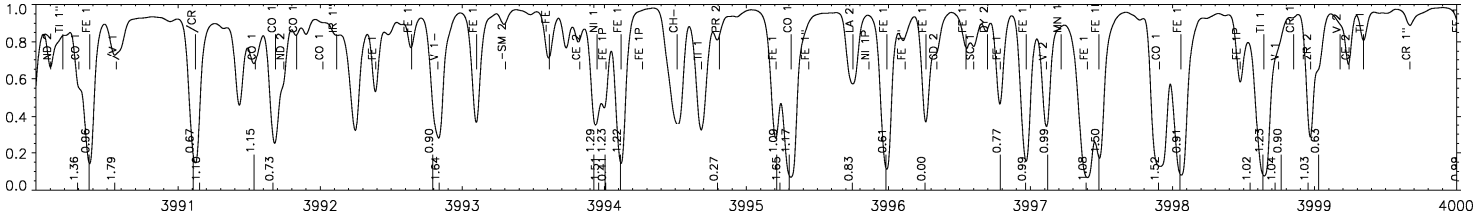
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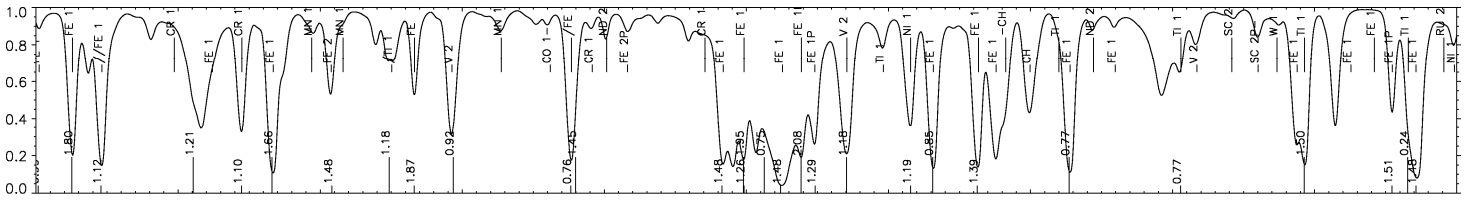
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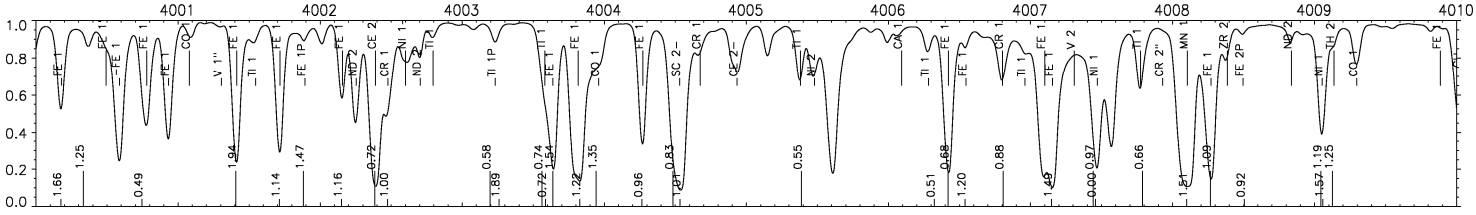
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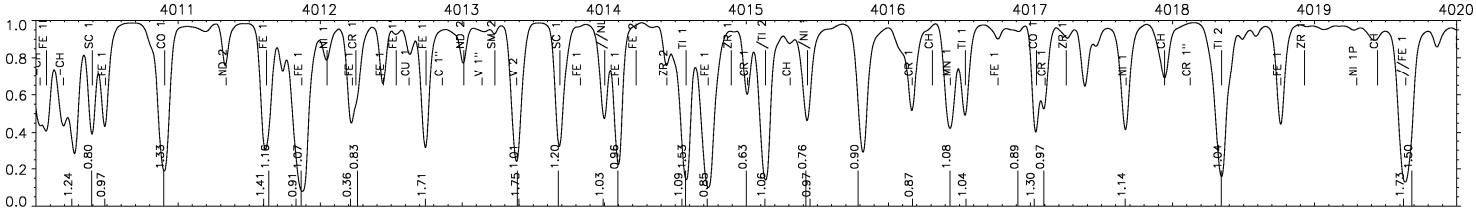
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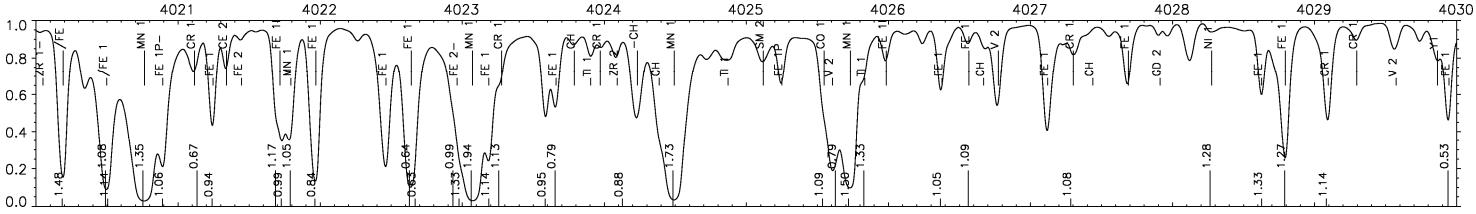
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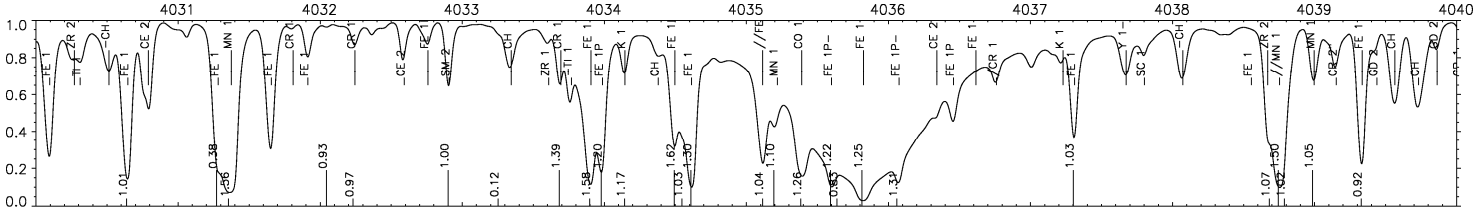
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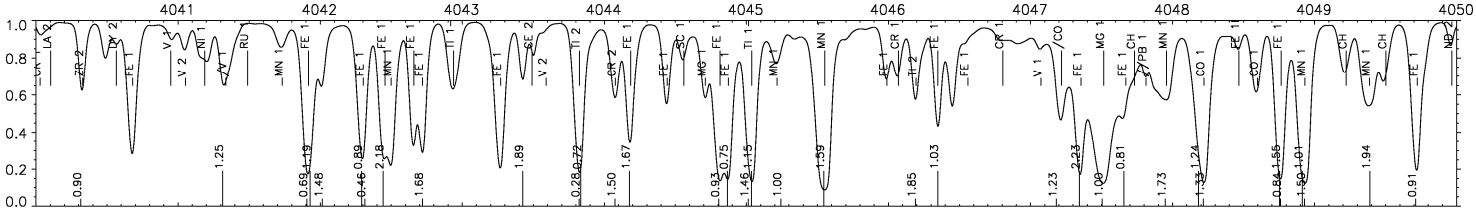
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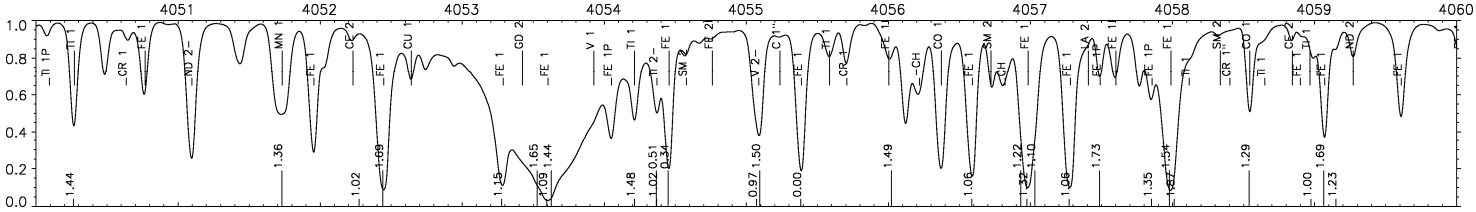
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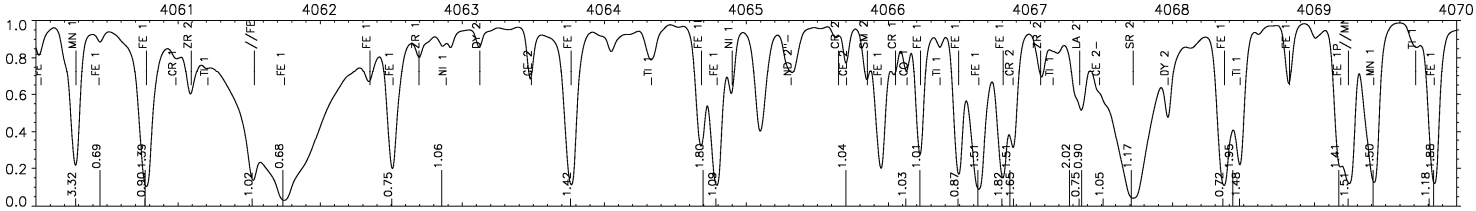
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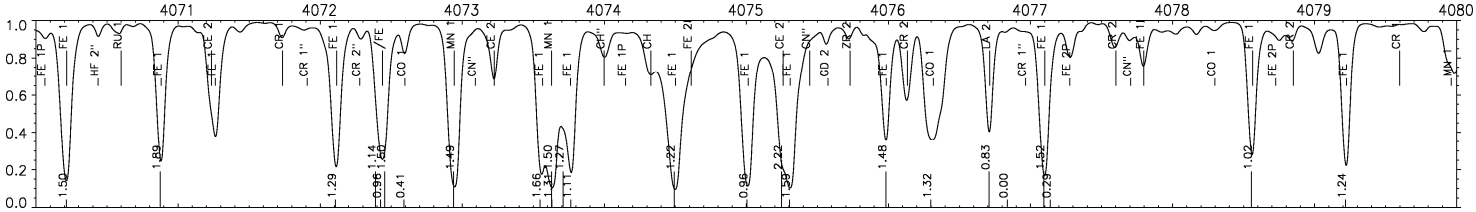
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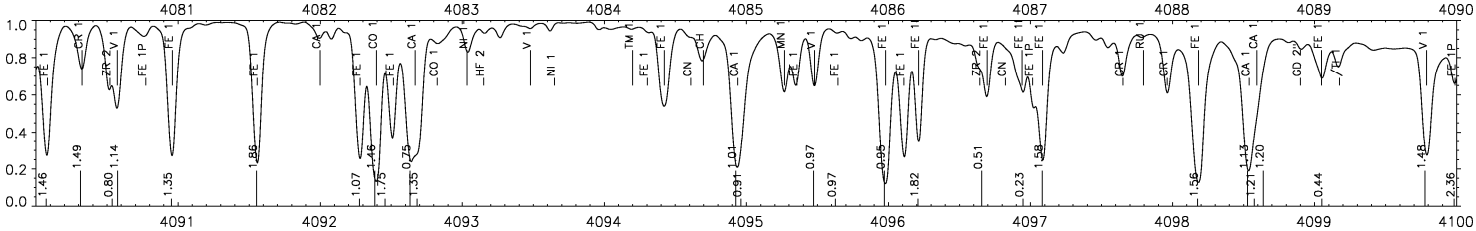
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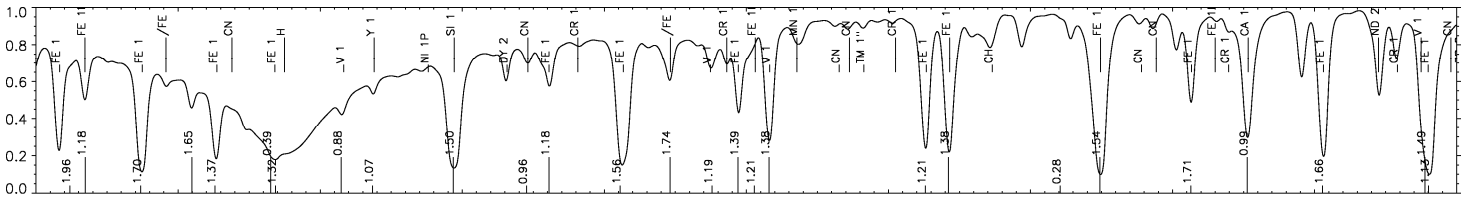
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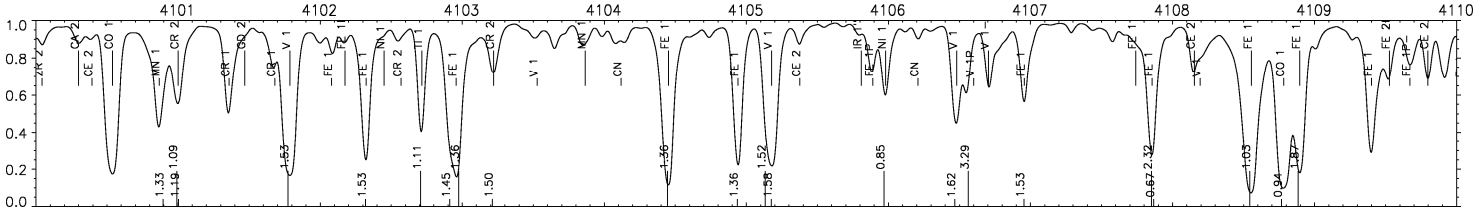
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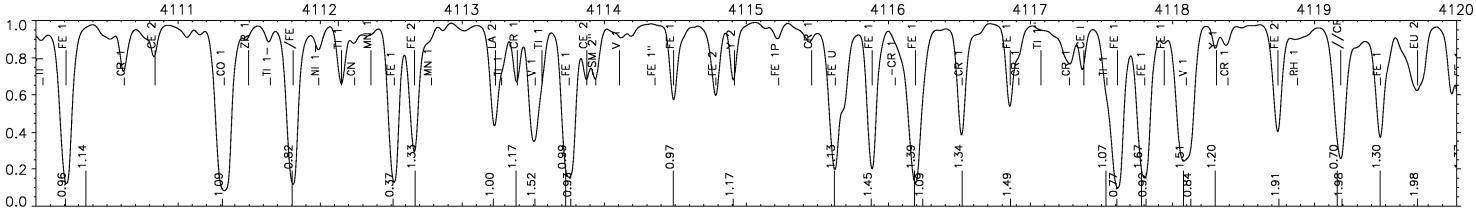
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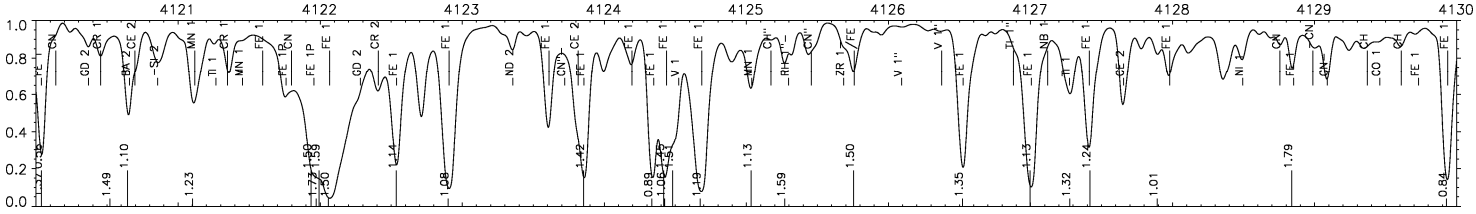
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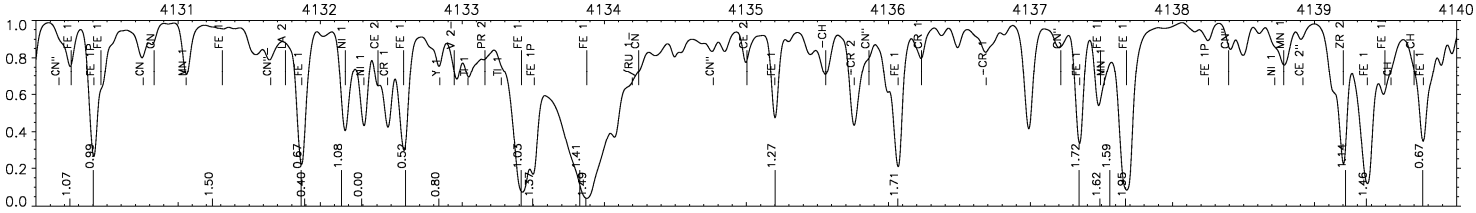
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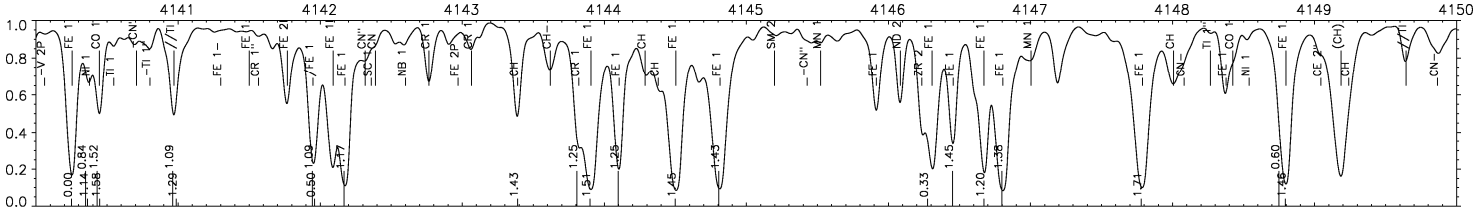
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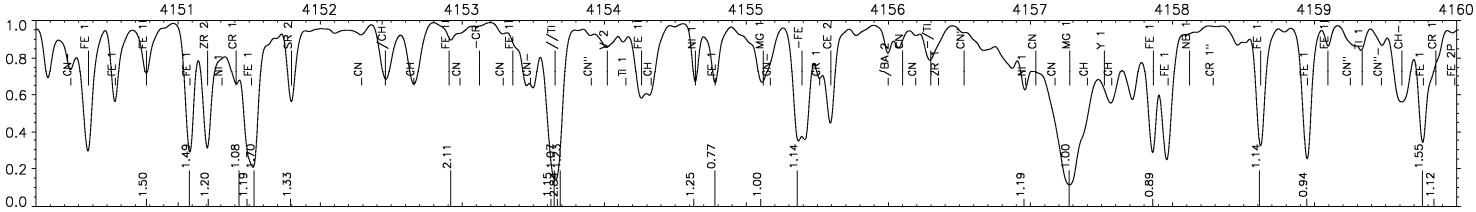
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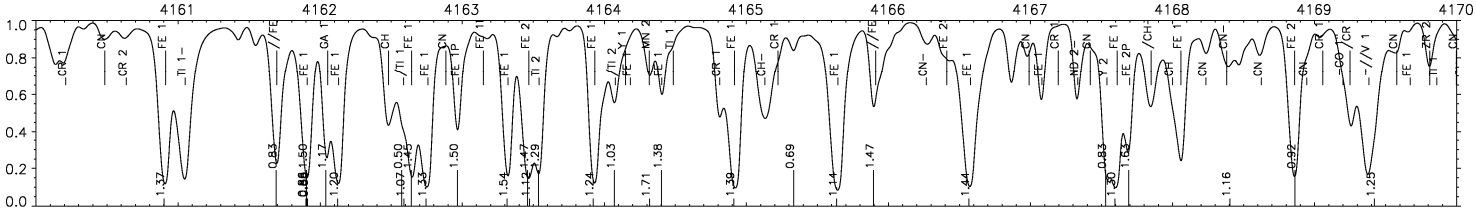
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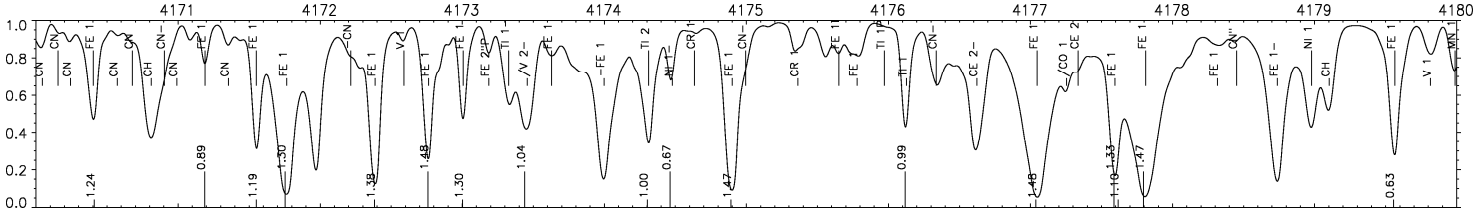
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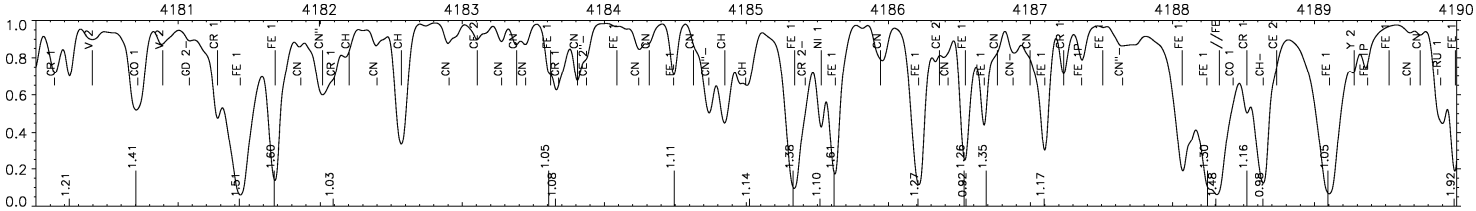
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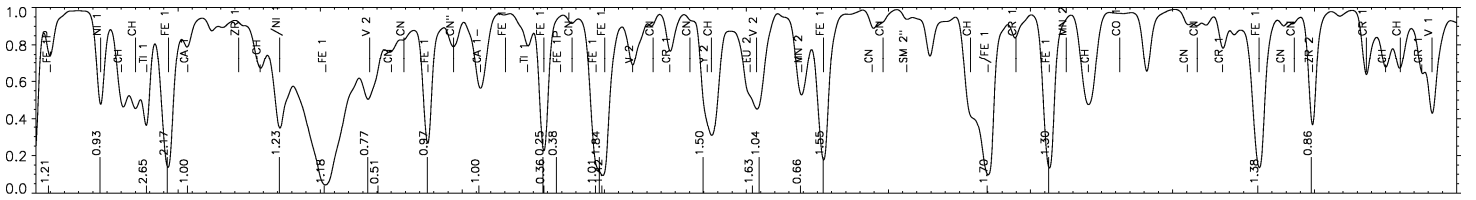
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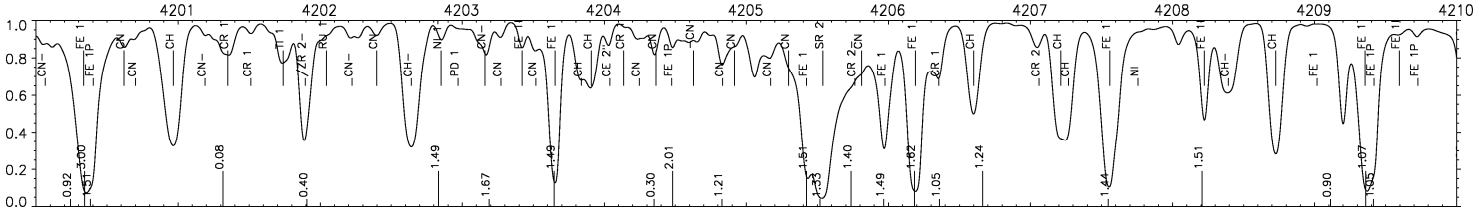
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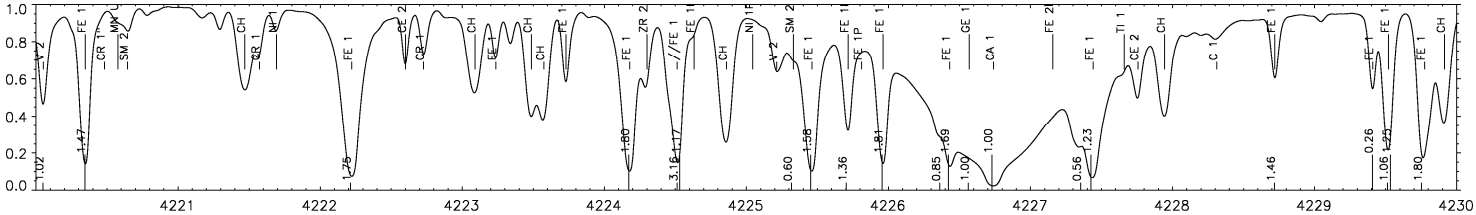
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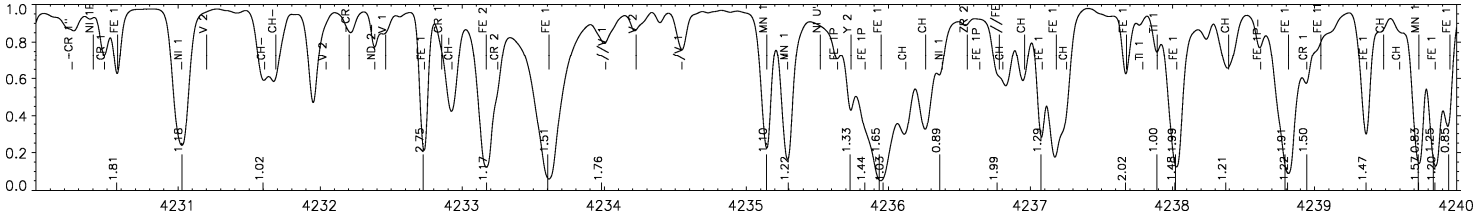
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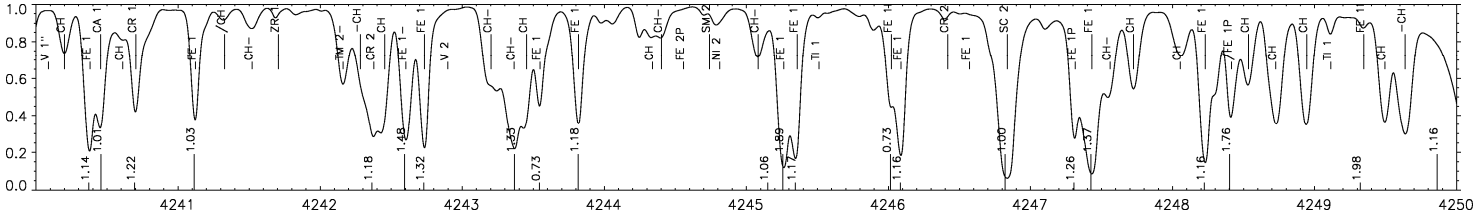
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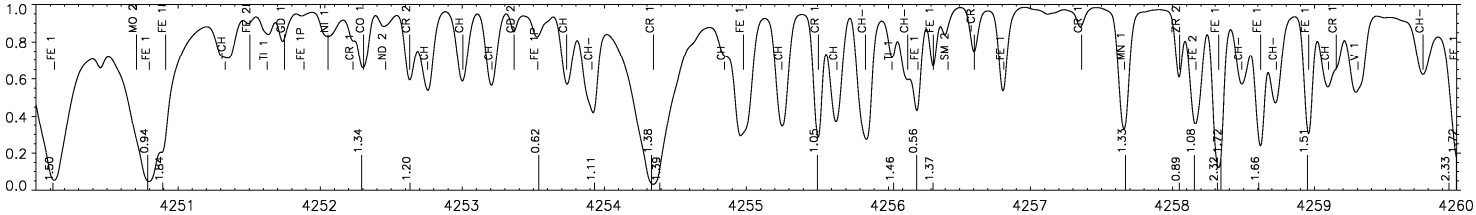
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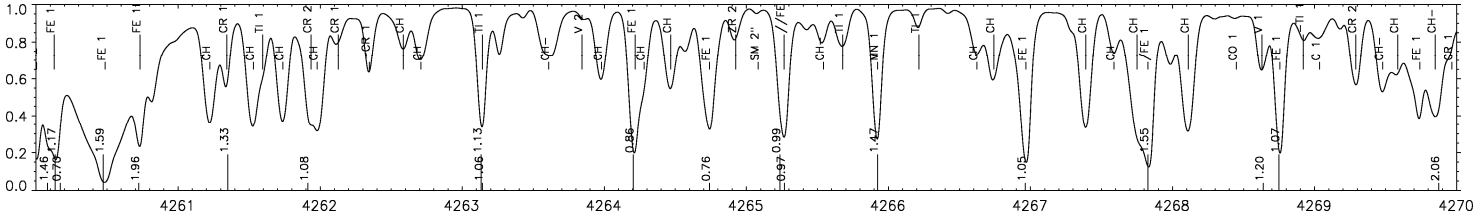
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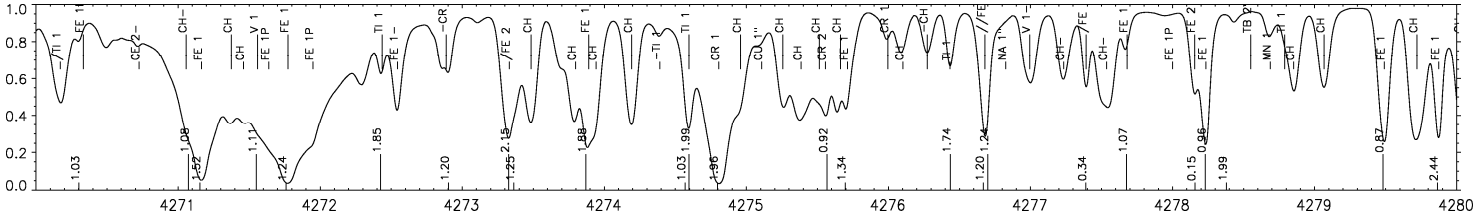
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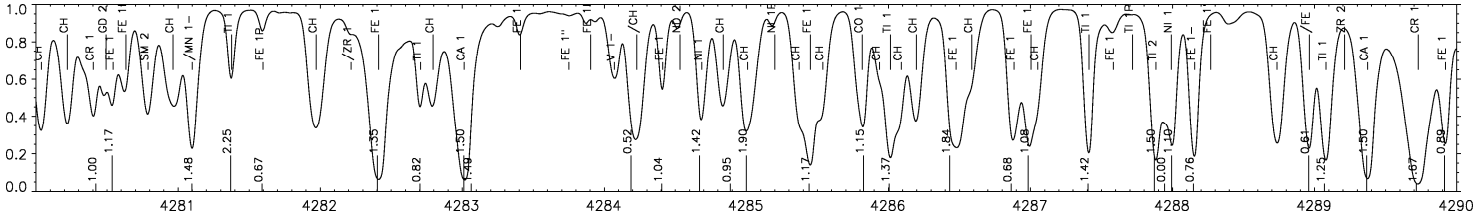
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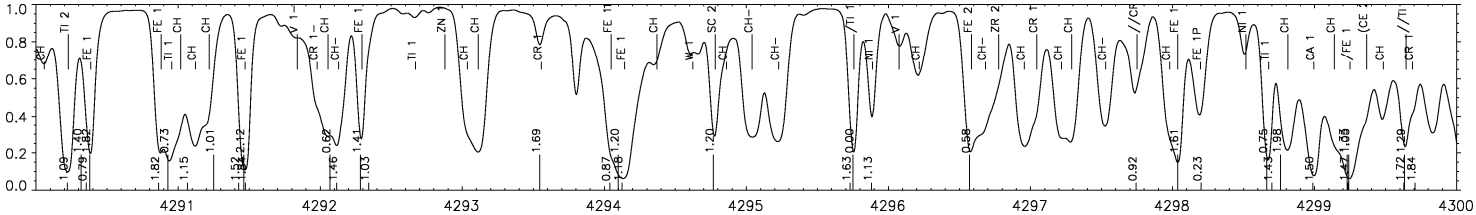
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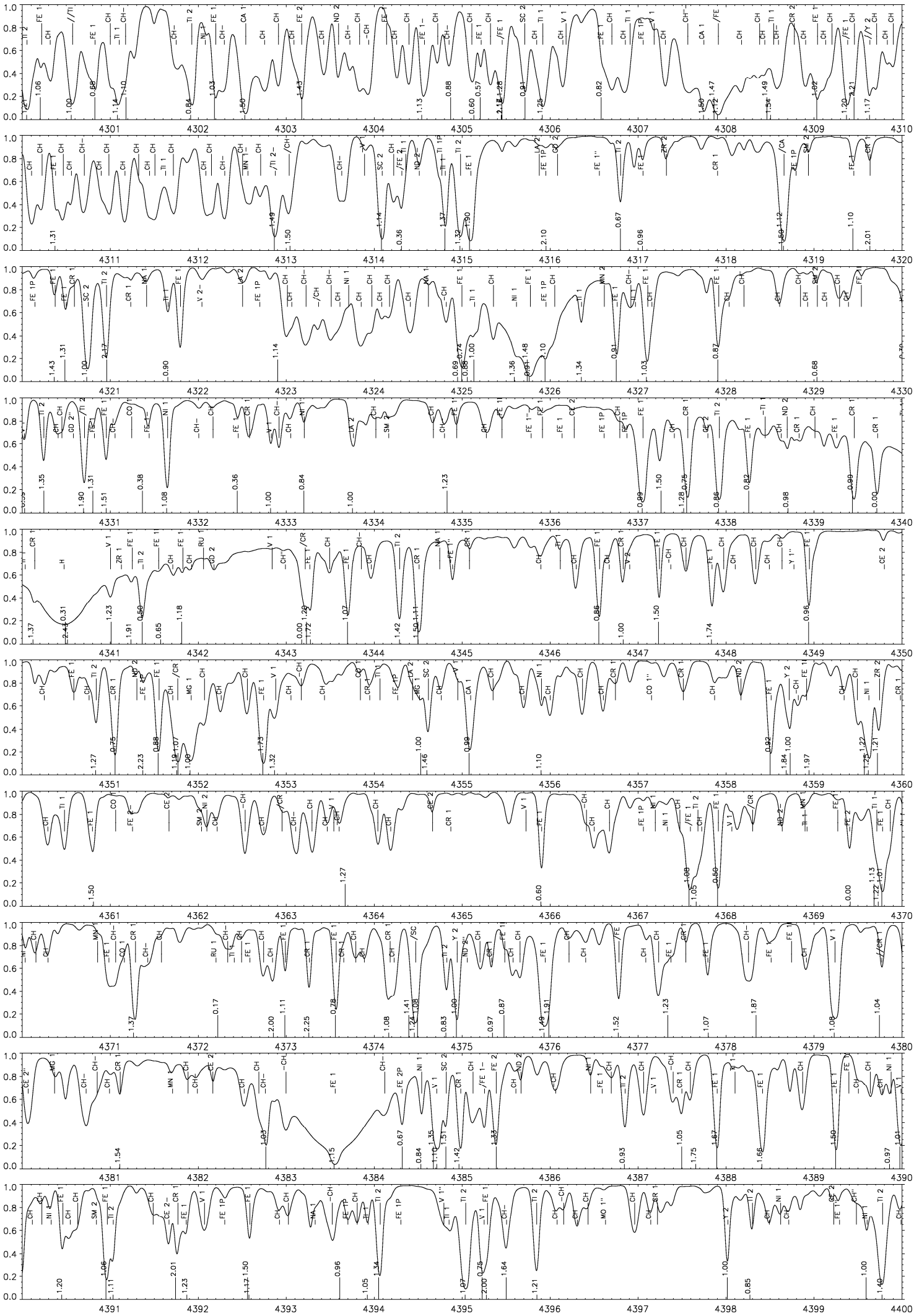

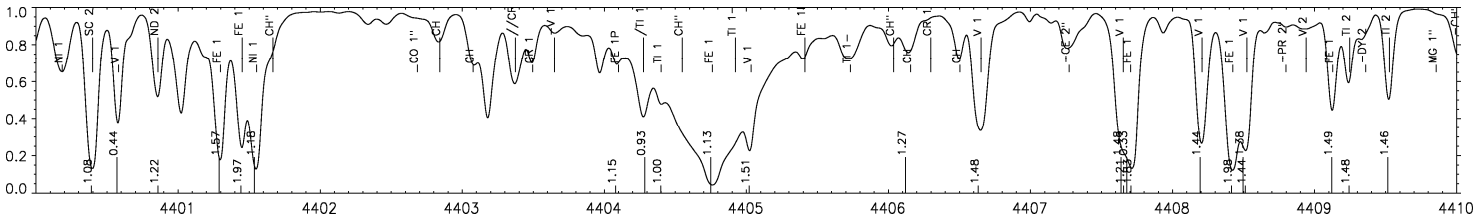
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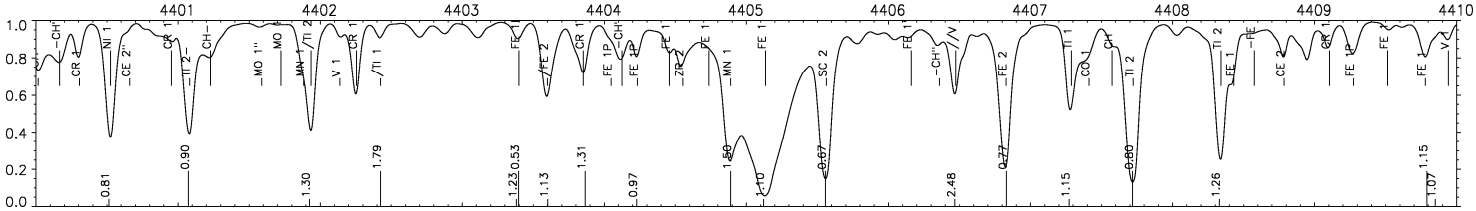
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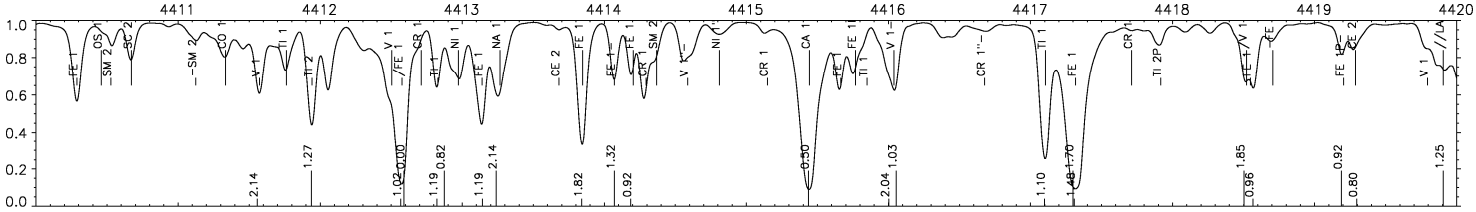
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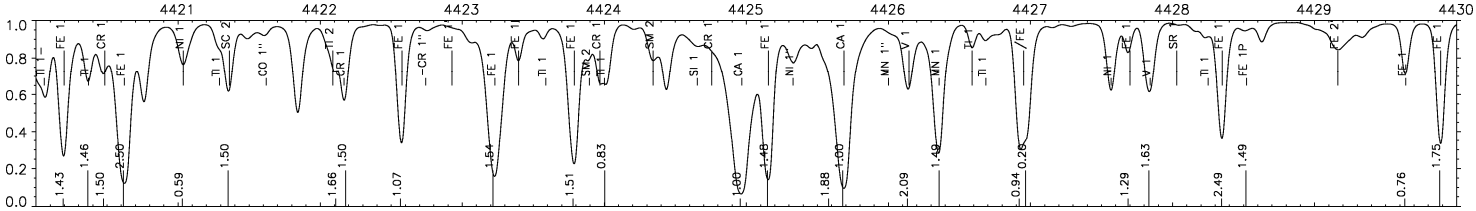
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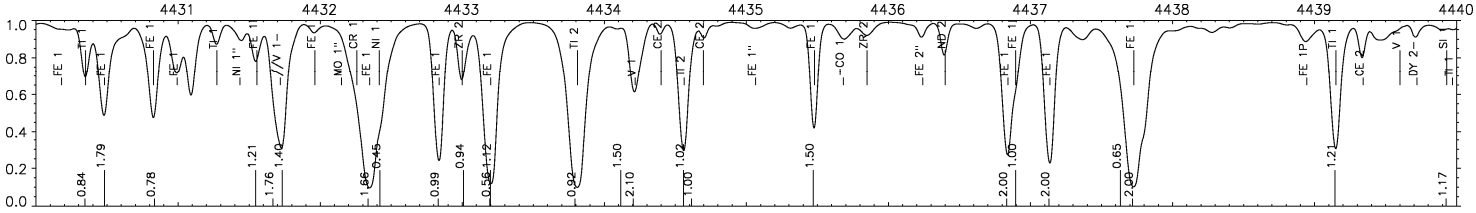
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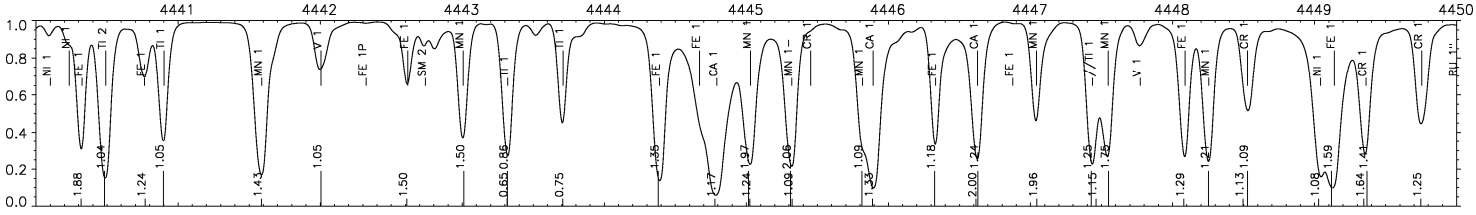
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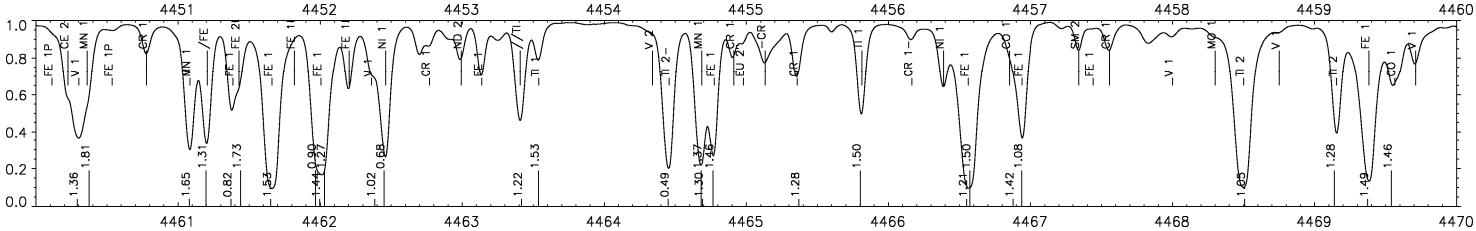
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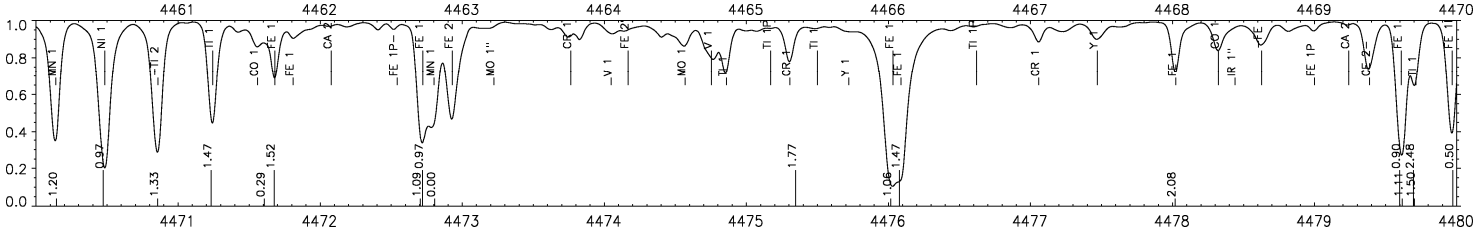
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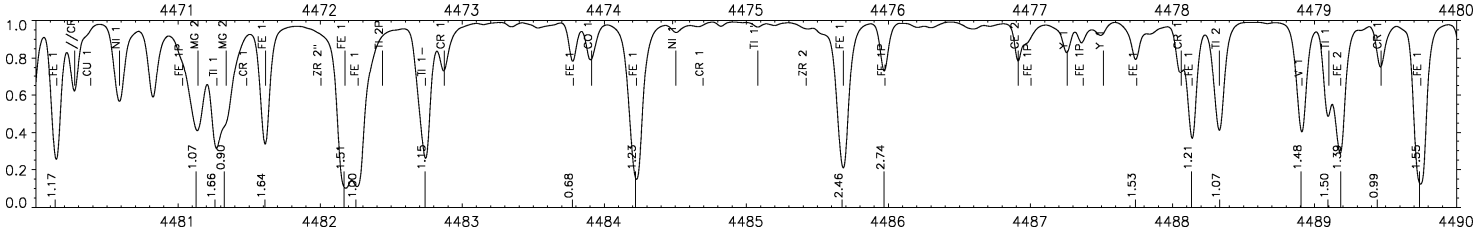
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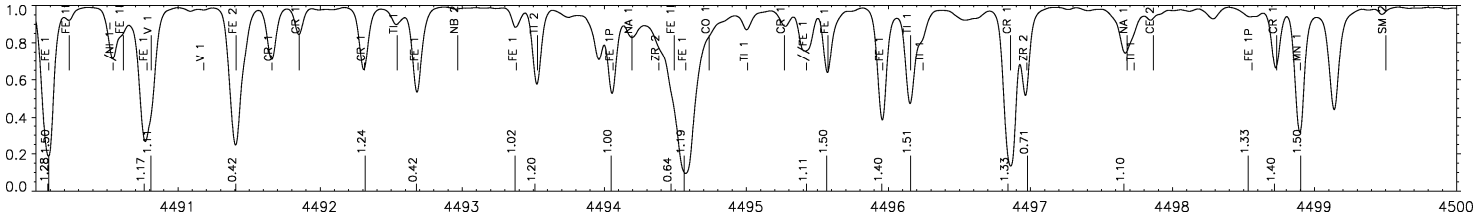
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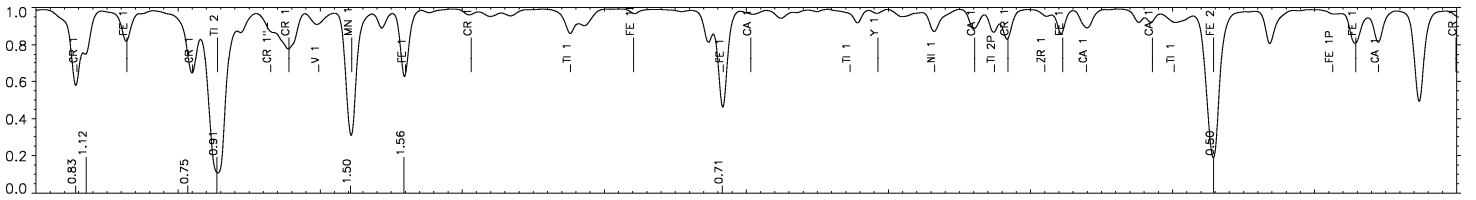
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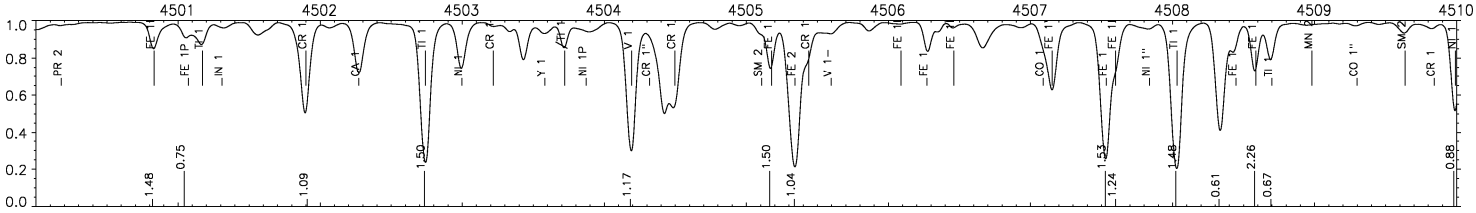
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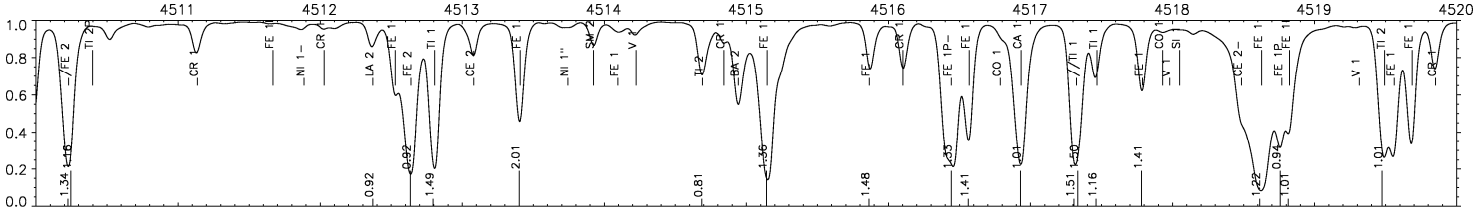
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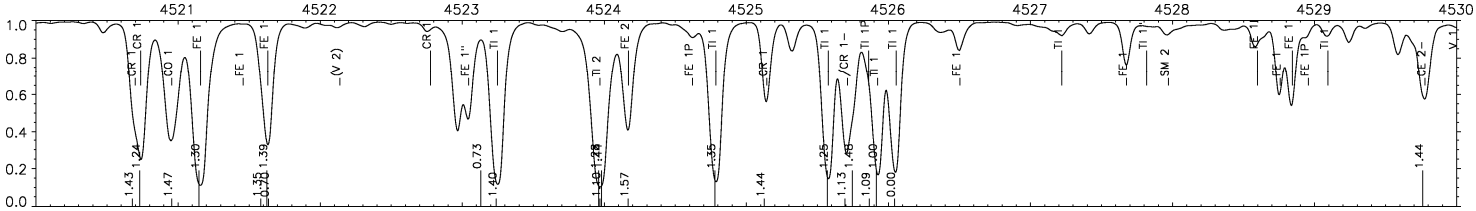
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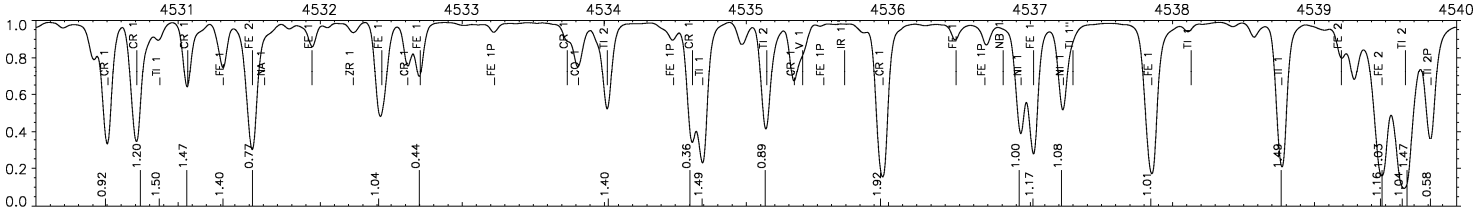
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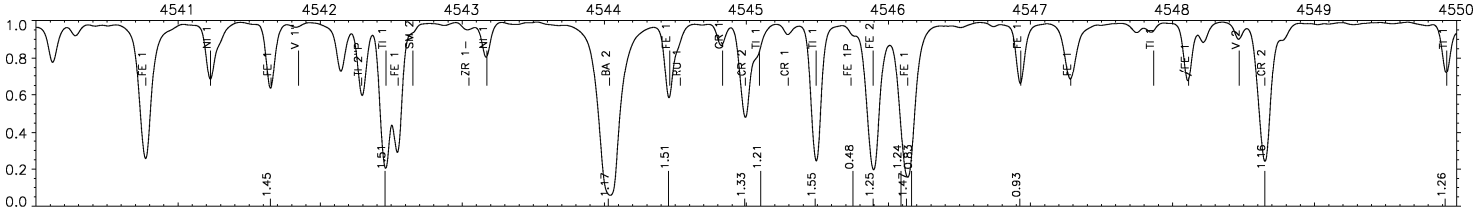
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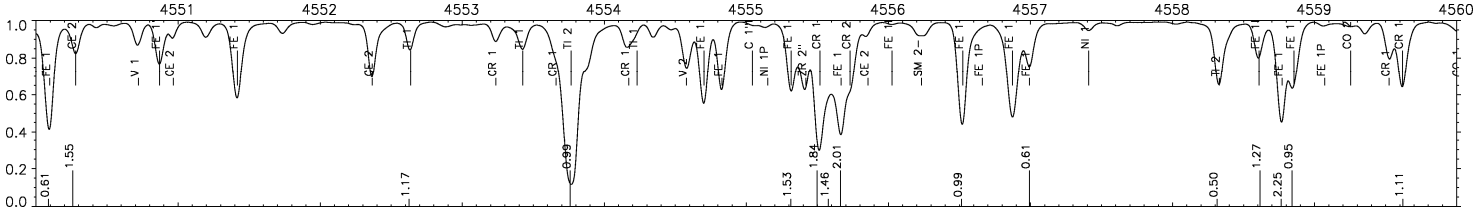
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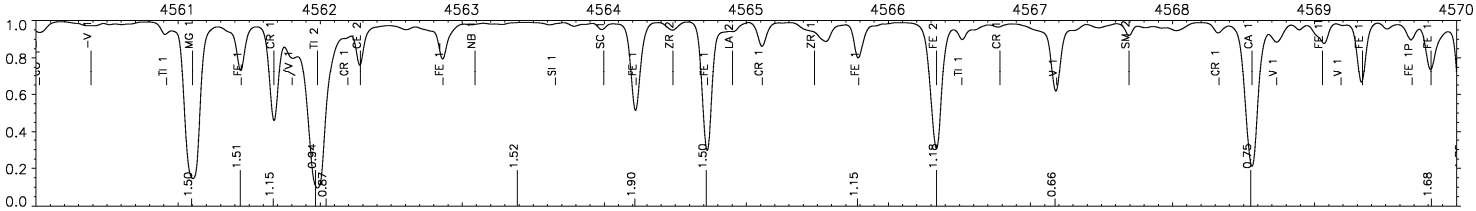
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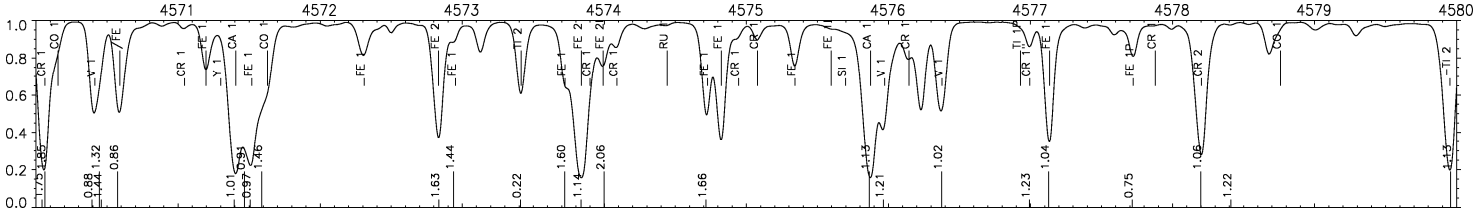
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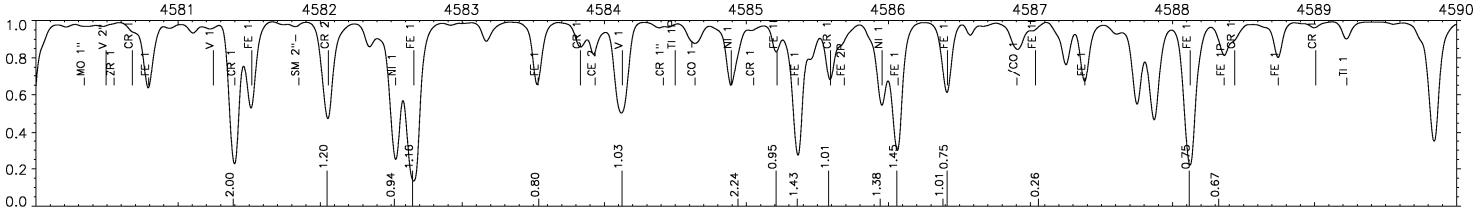
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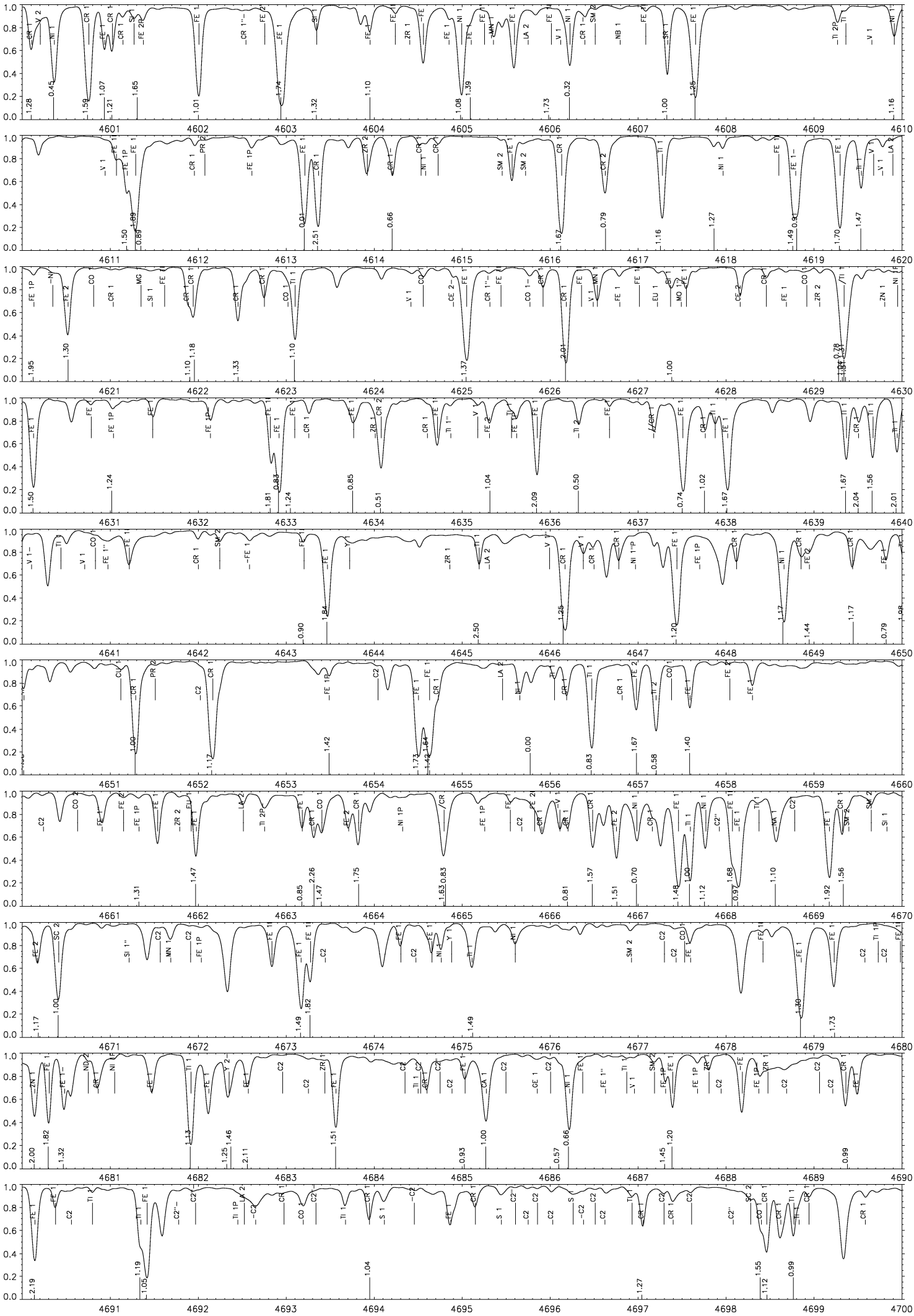

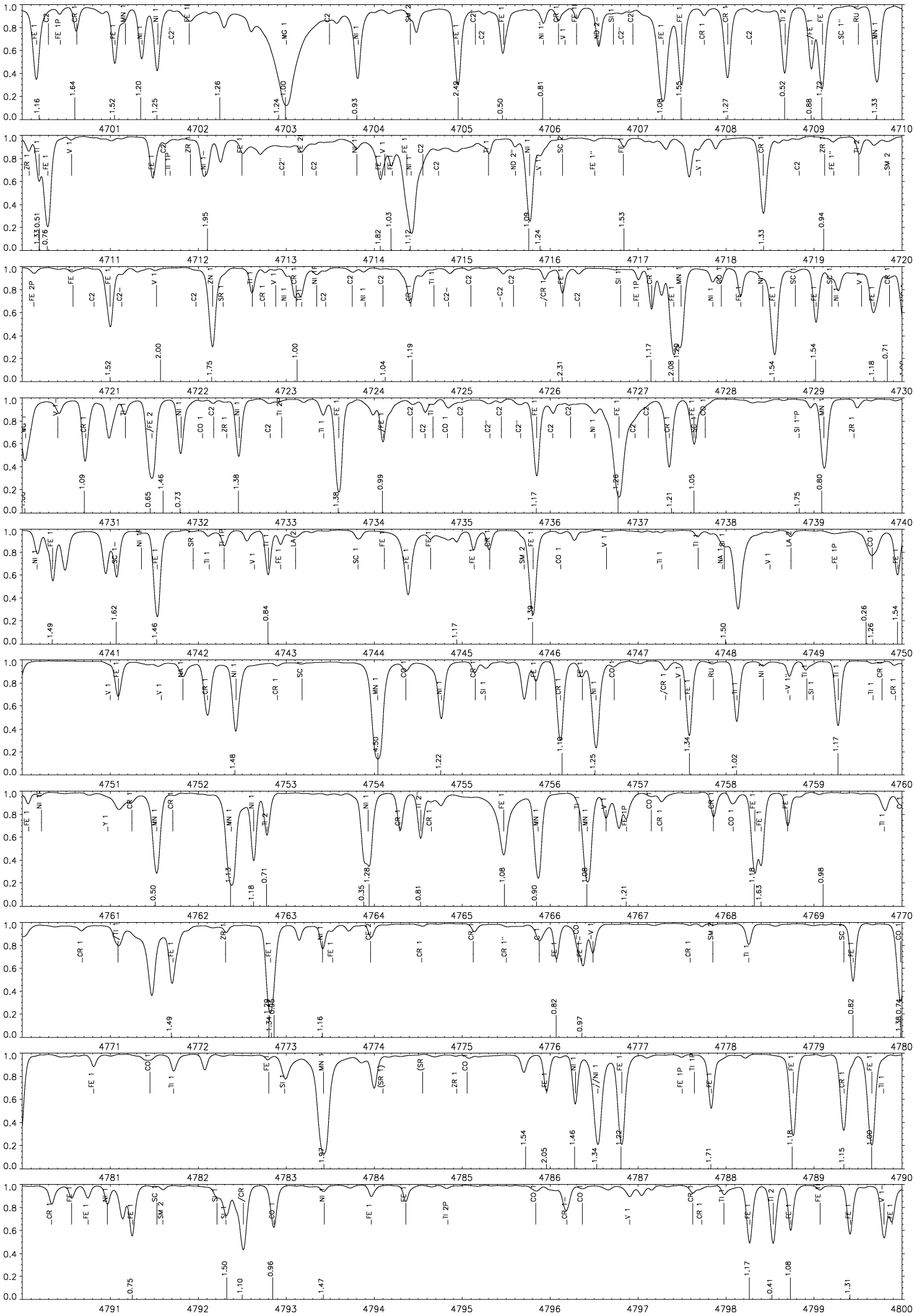
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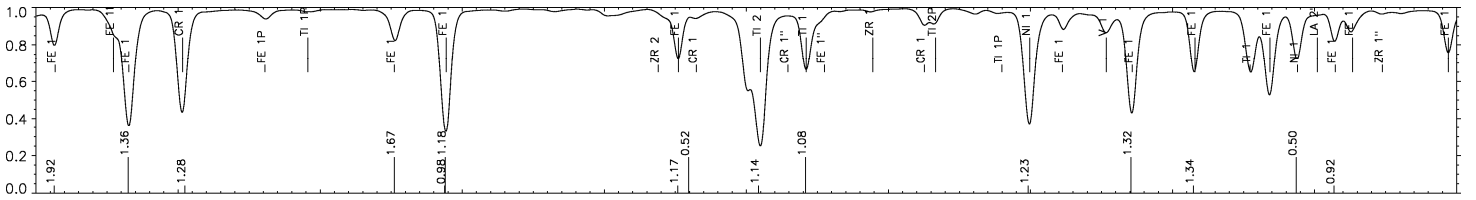
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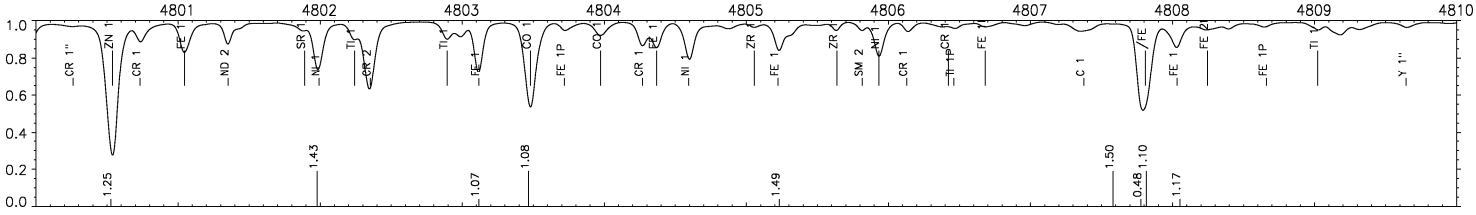
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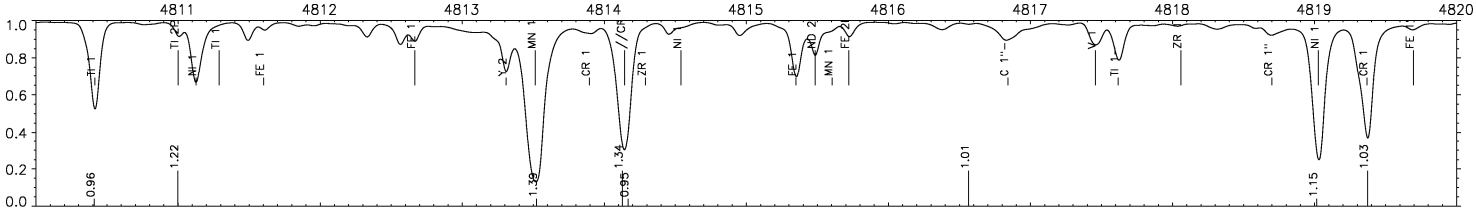
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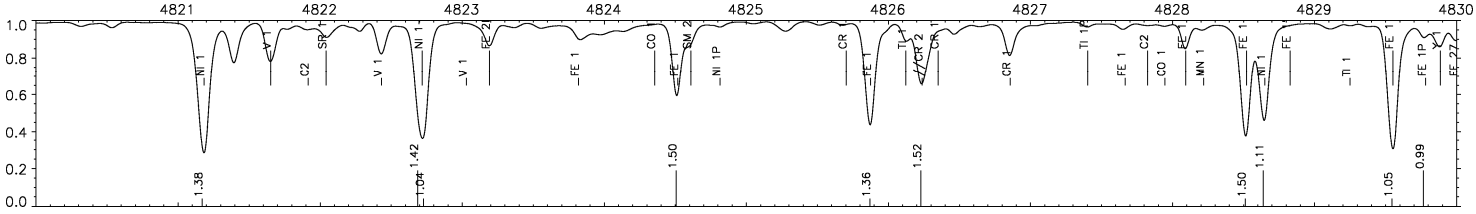
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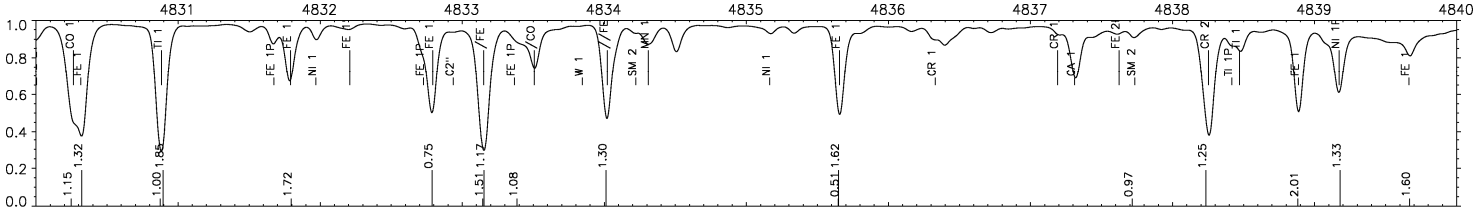
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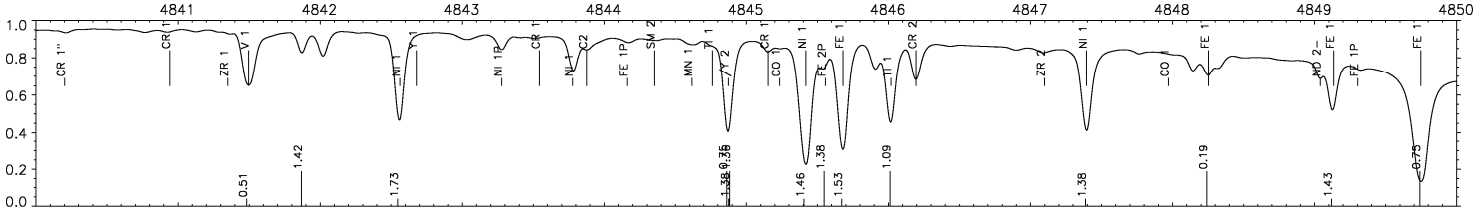
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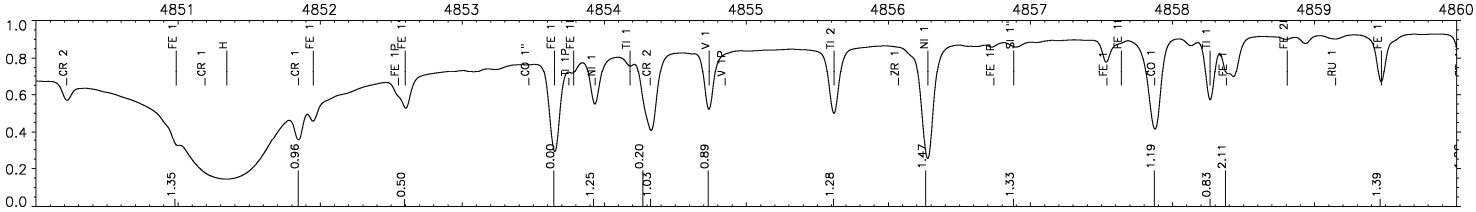
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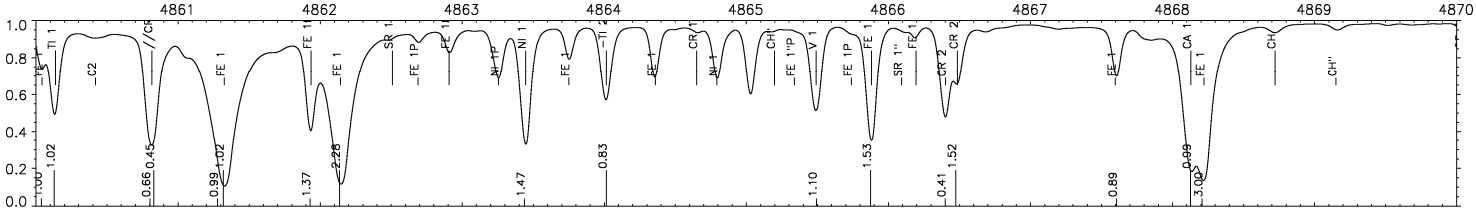
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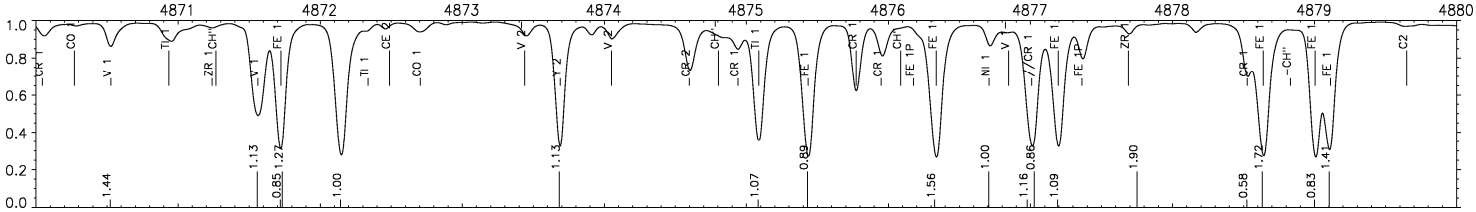
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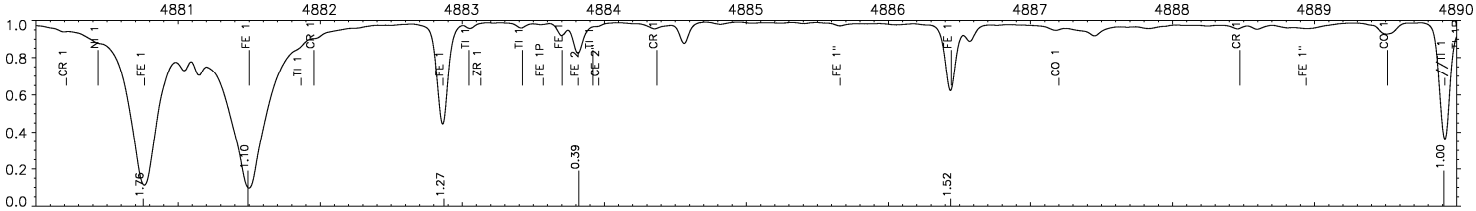
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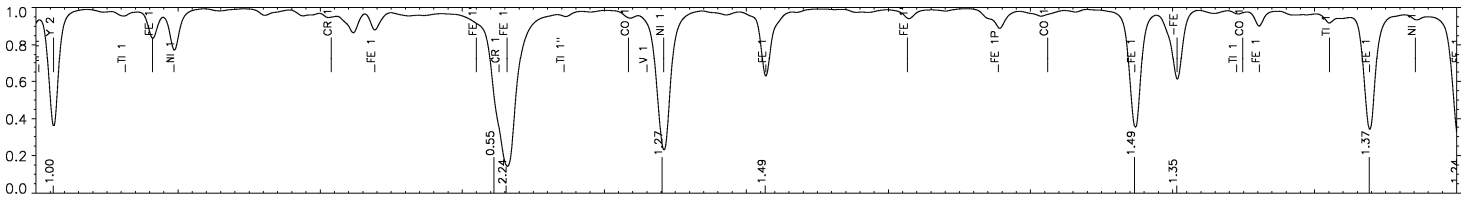
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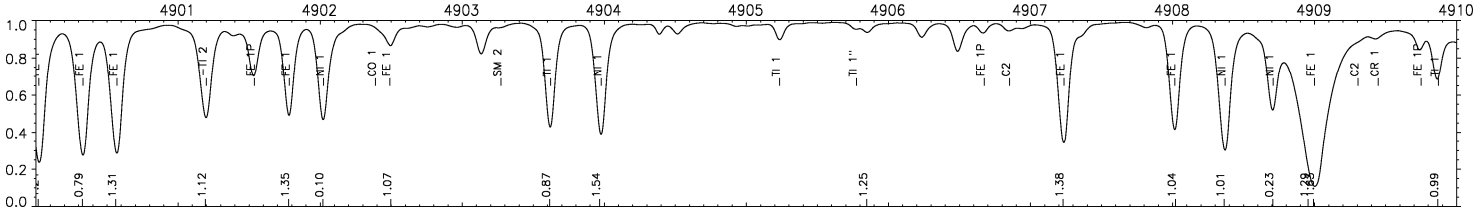
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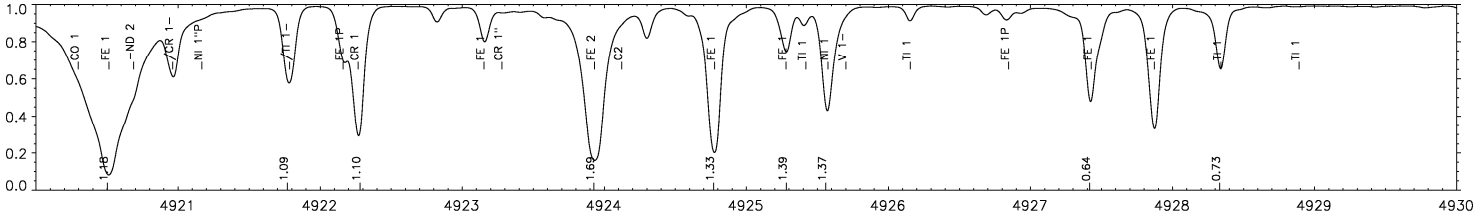
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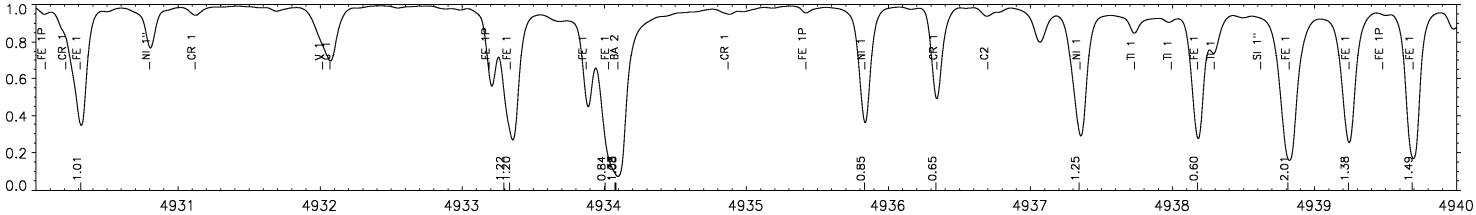
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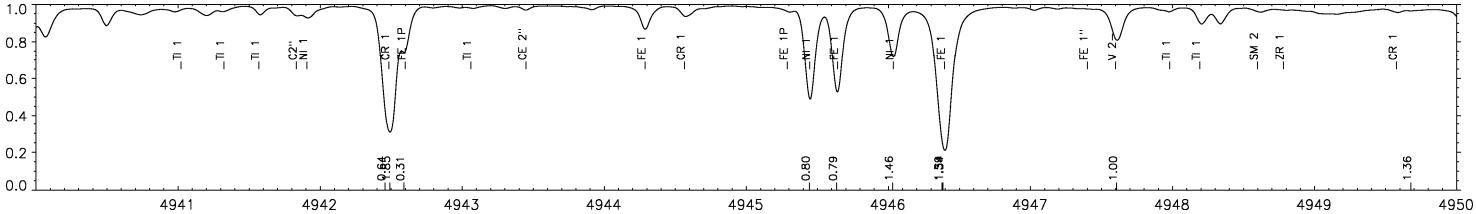
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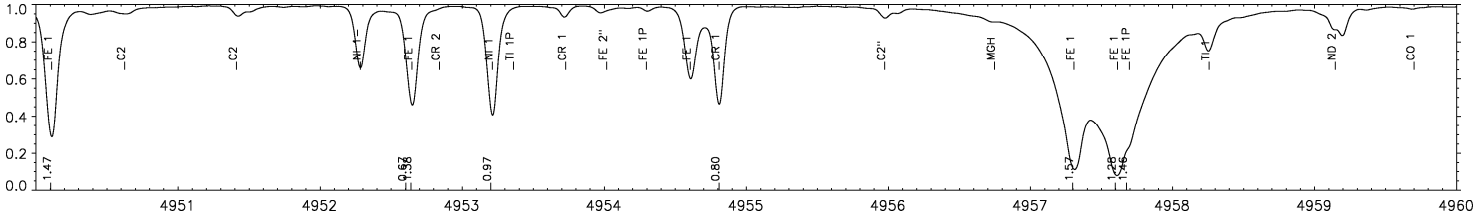
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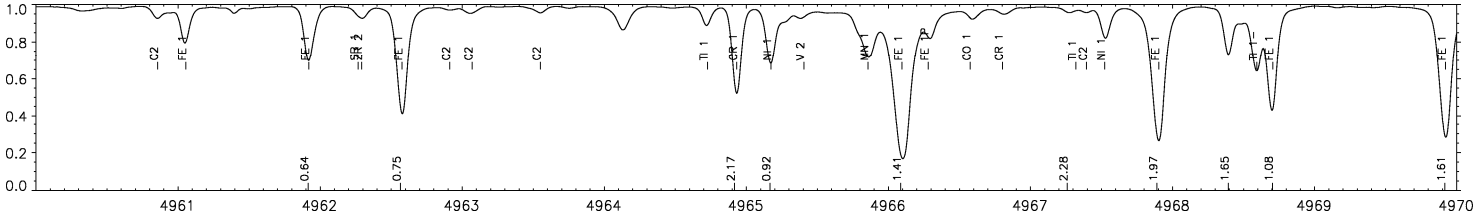
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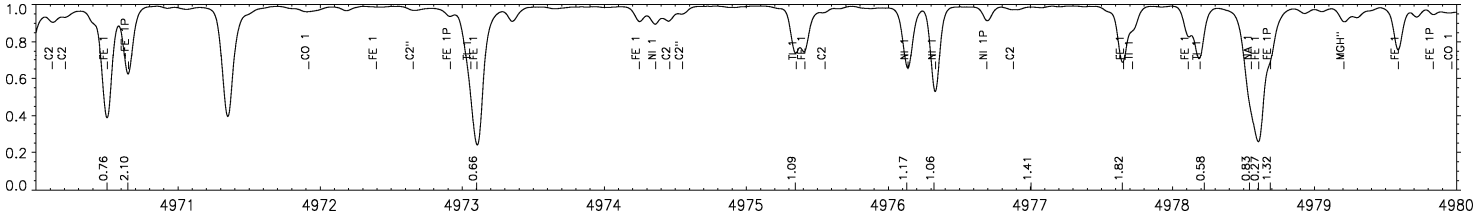
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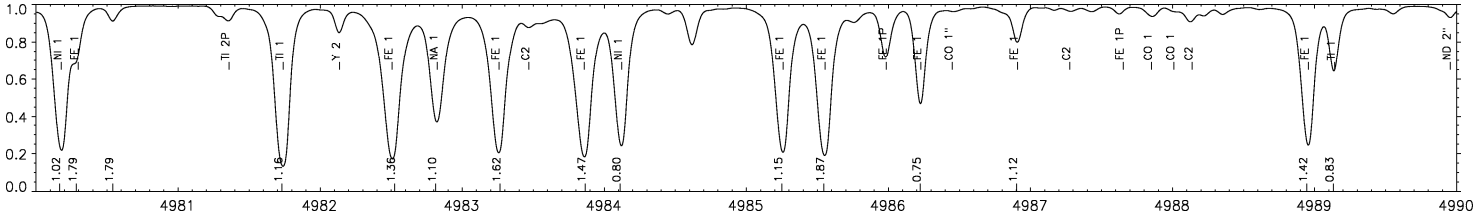
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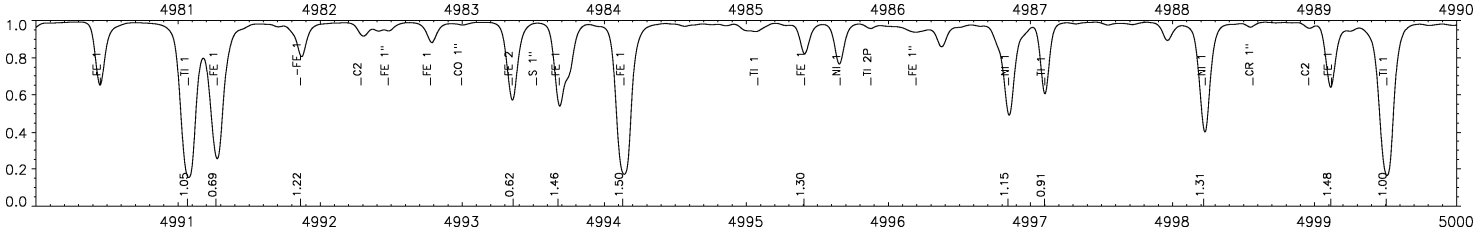
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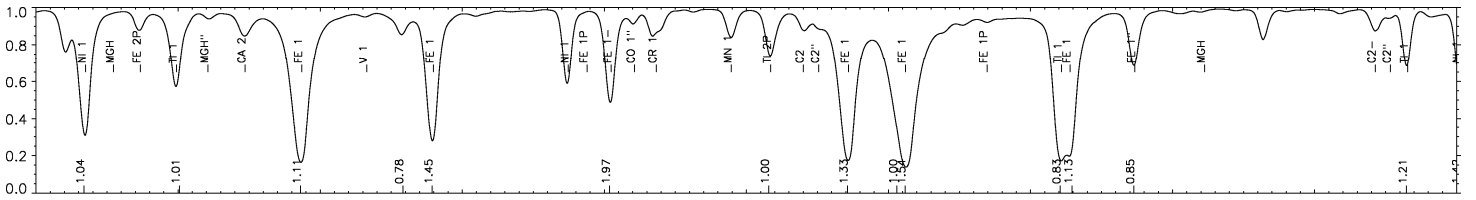
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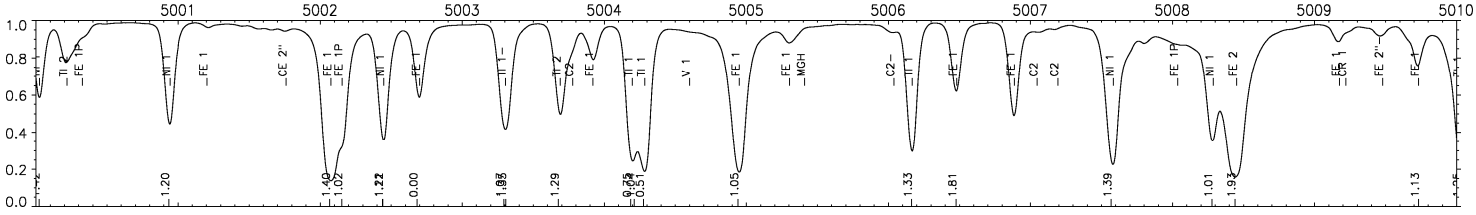
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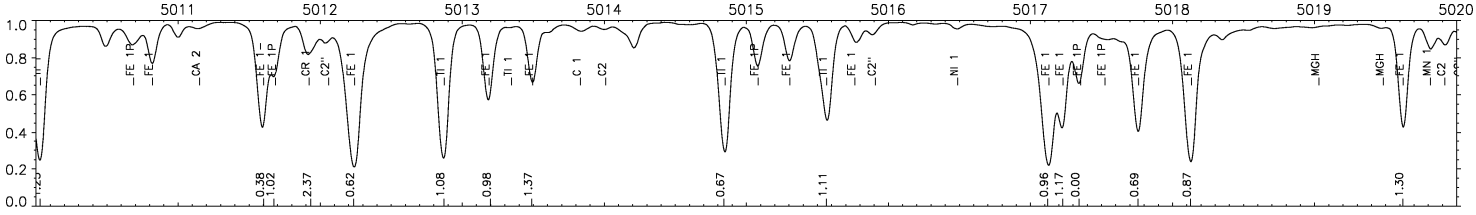
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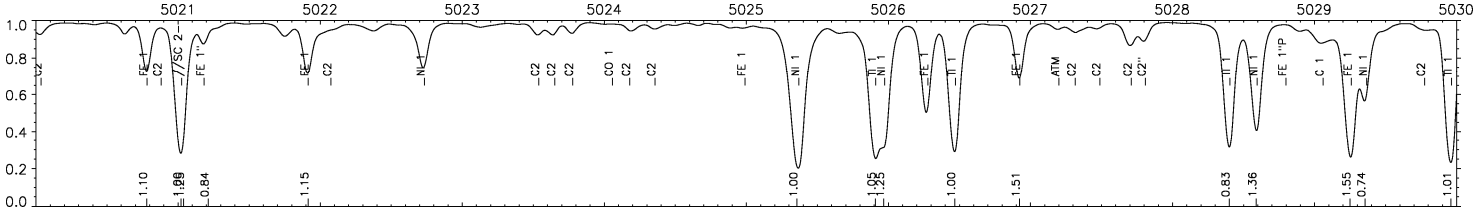
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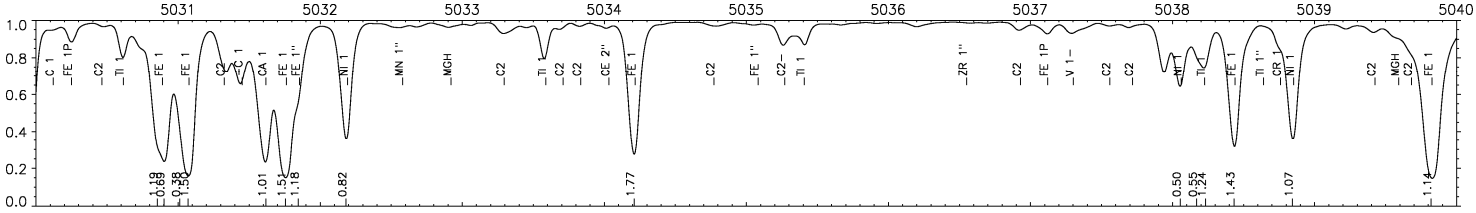
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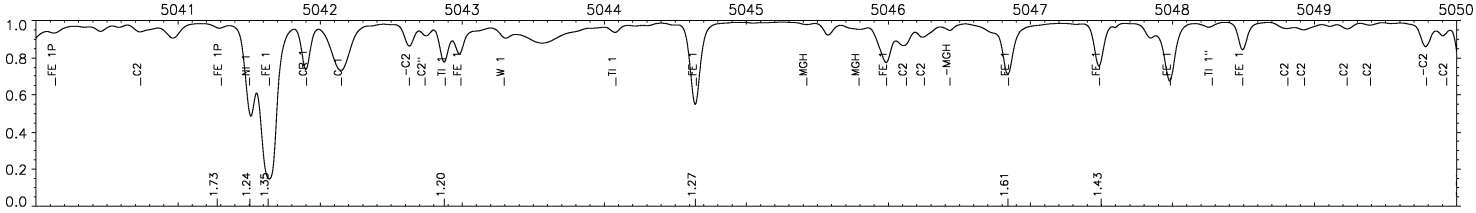
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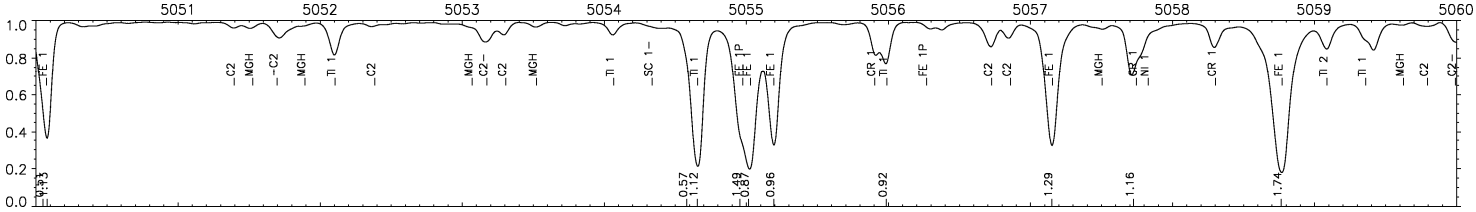
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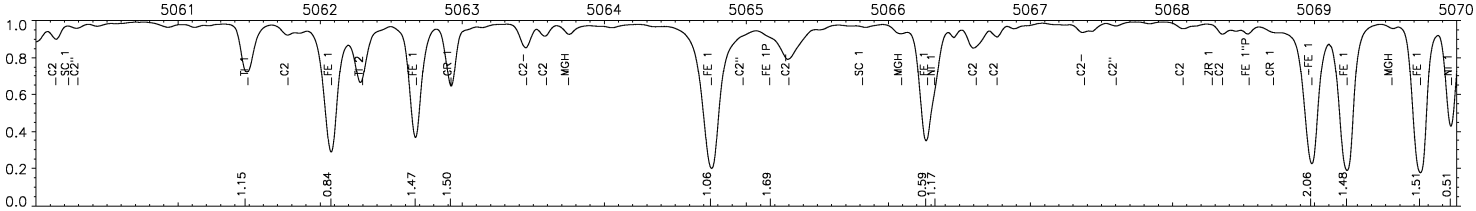
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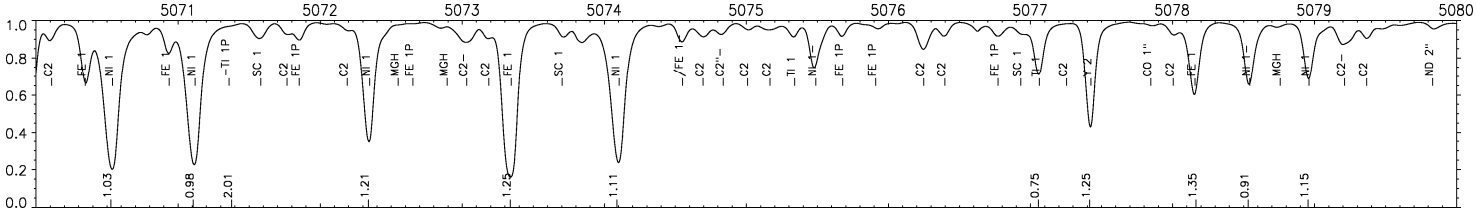
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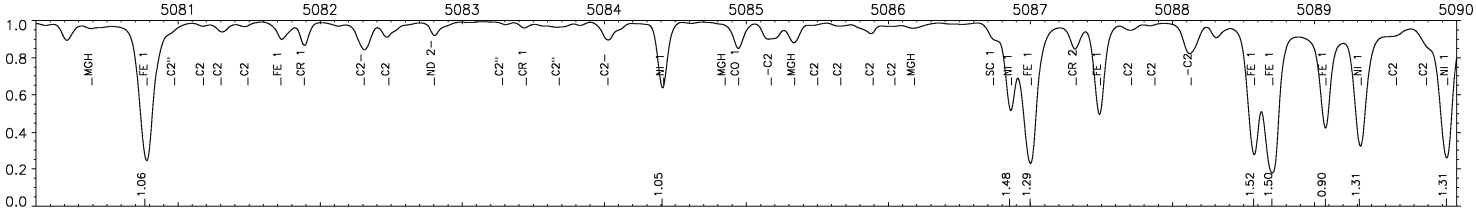
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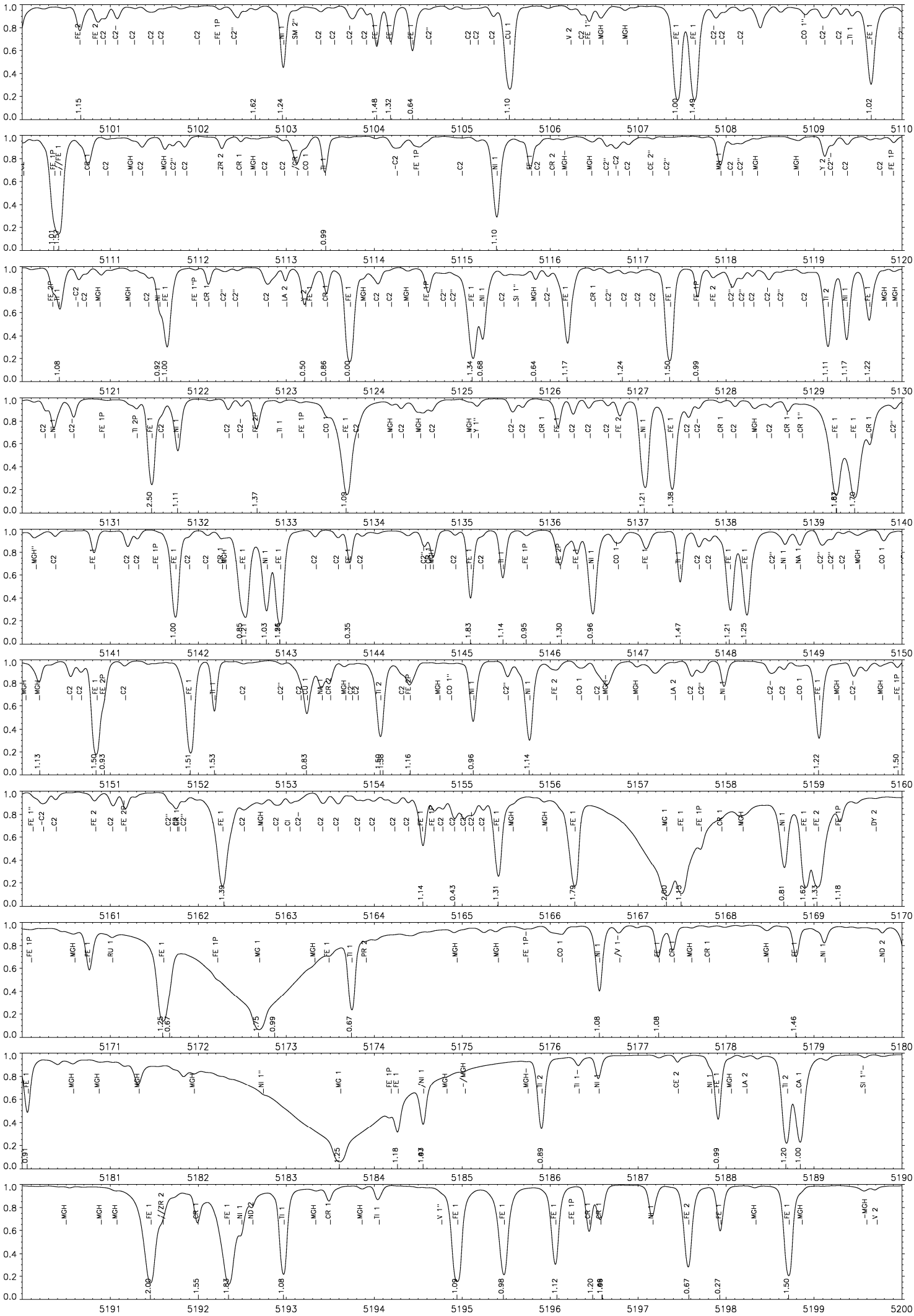

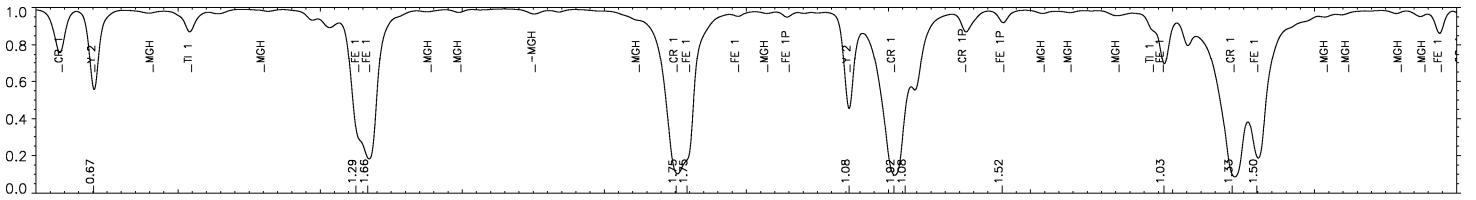
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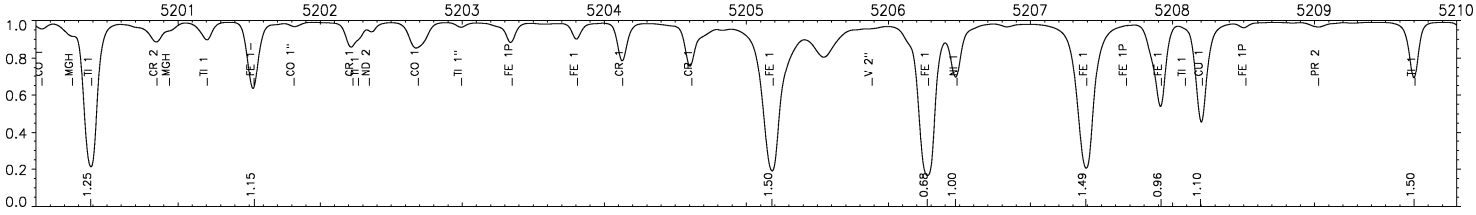
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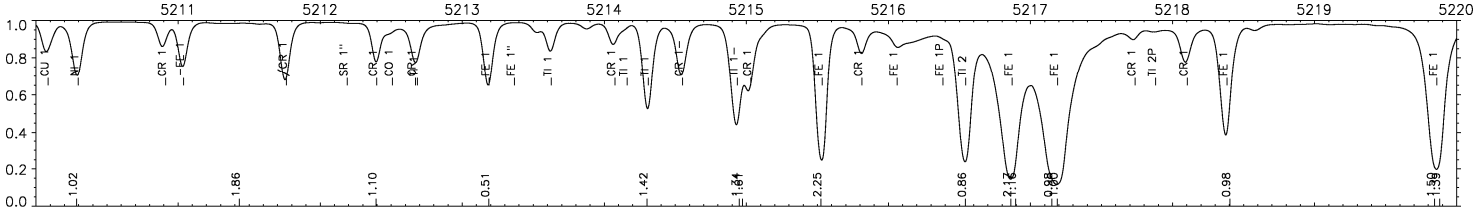
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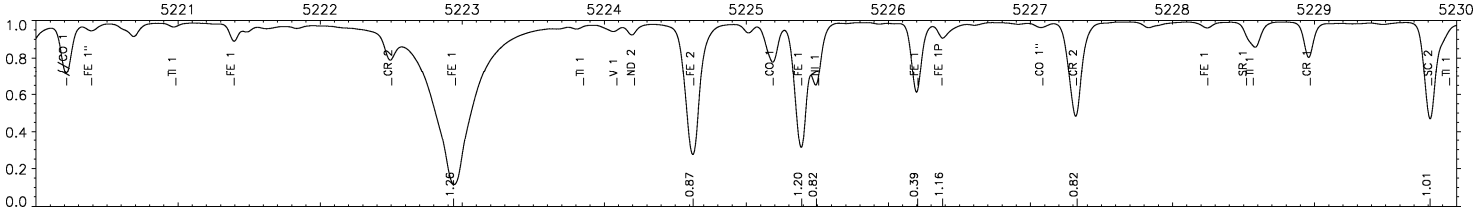
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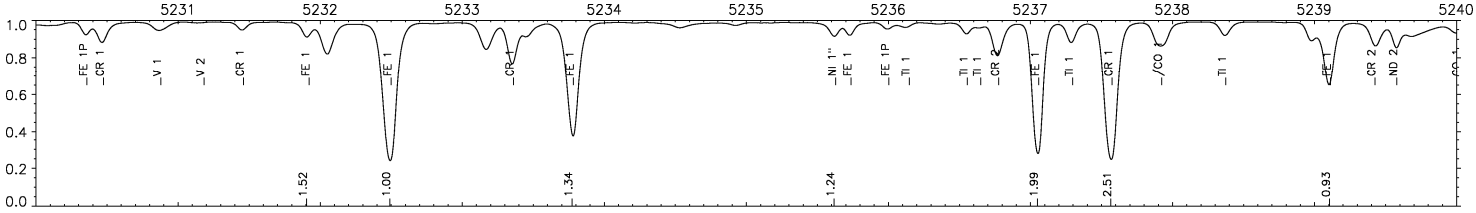
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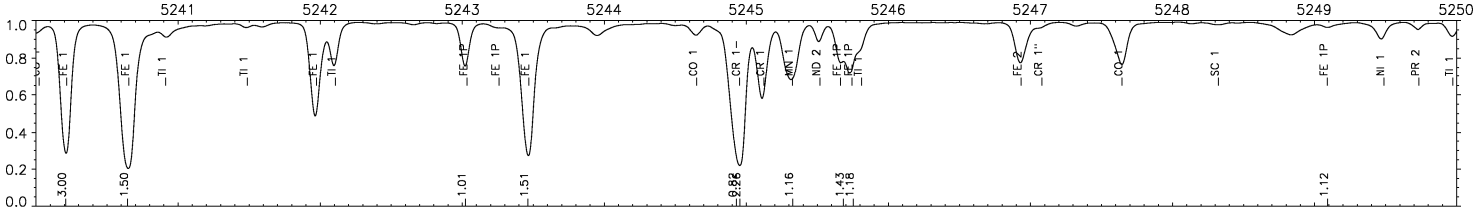
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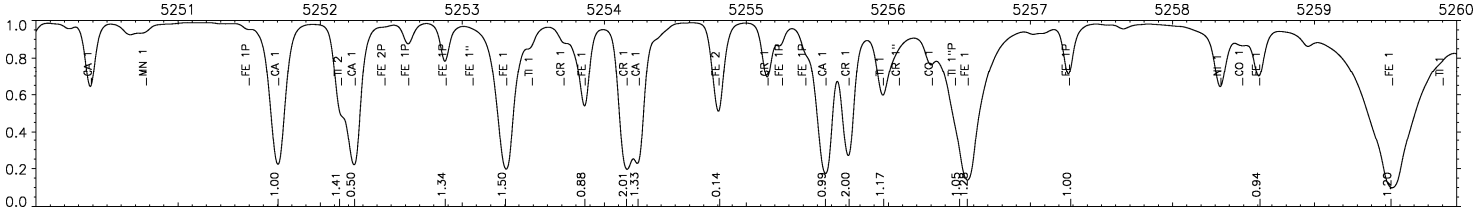
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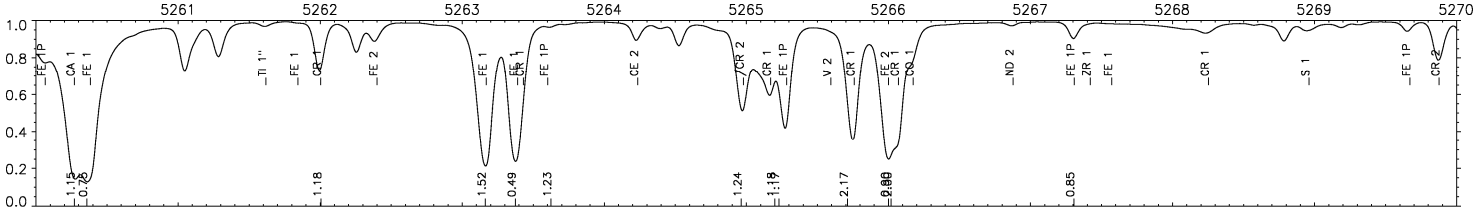
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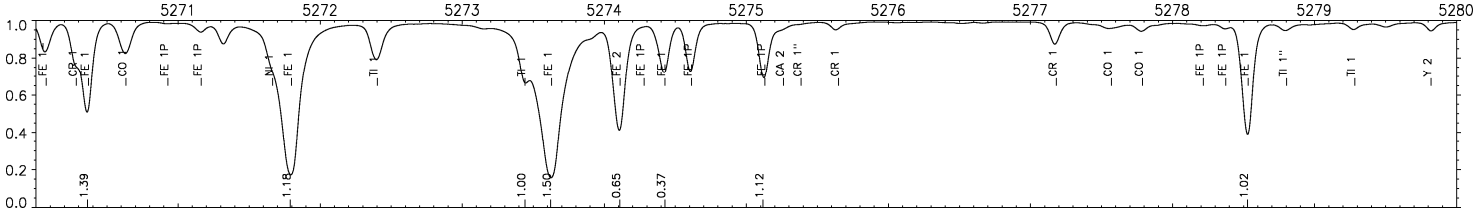
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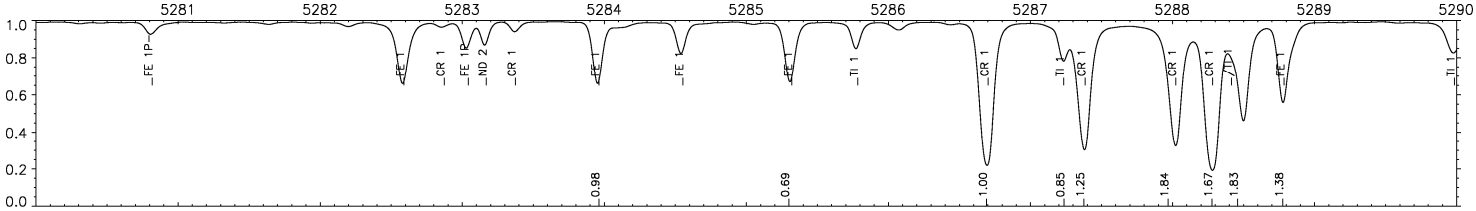
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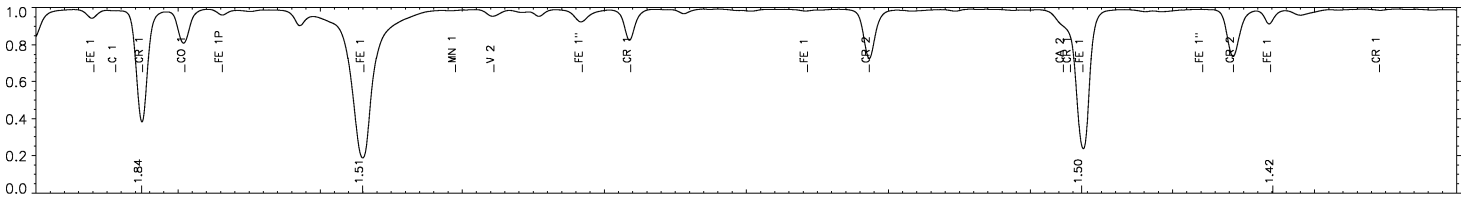
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CO 1
FE 1P
FE 1
MN 1
V 2
FE 1''
CR 1
FE 1
CR 2
CA 2
FE 1
FE 1''
CR 2
FE 1
CR 1
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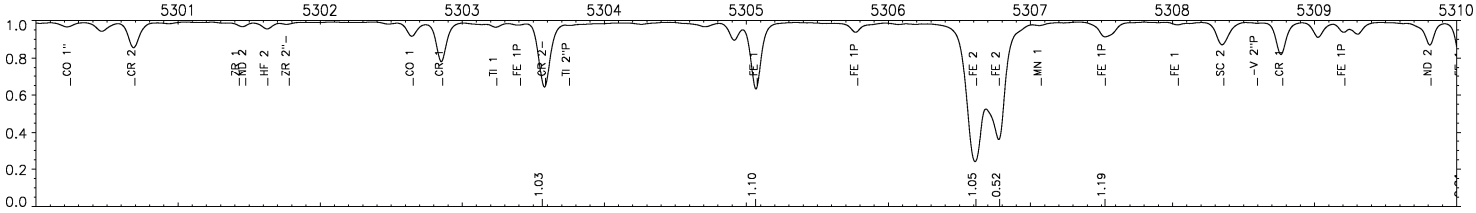
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FE 2
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V 2''P
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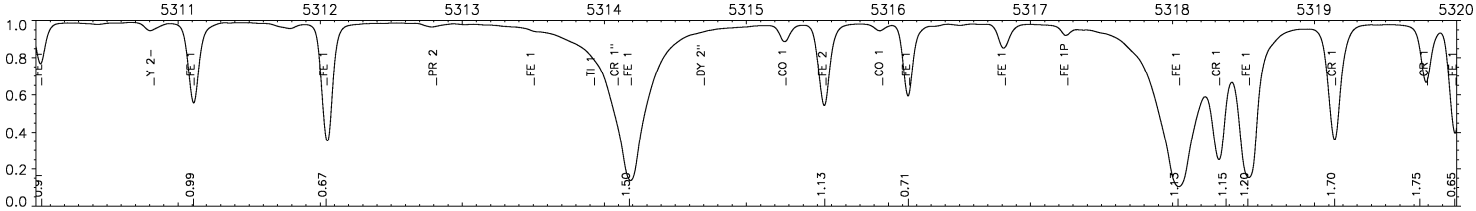
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DY 2''
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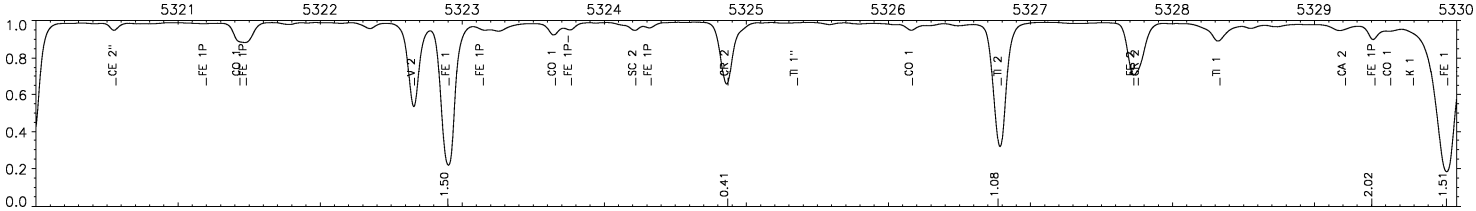
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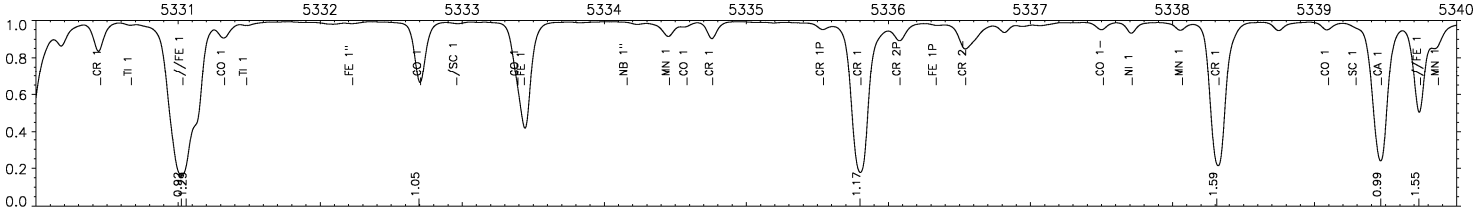
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TI 1
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/SC 1
CO 1
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NB 1''
MN 1
CO 1
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CR 1P
CR 1
CR 2P
FE 1P
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CO 1–
NI 1
MN 1
CR 1
CO 1
SC 1
CA 1
//FE 1
MN 1
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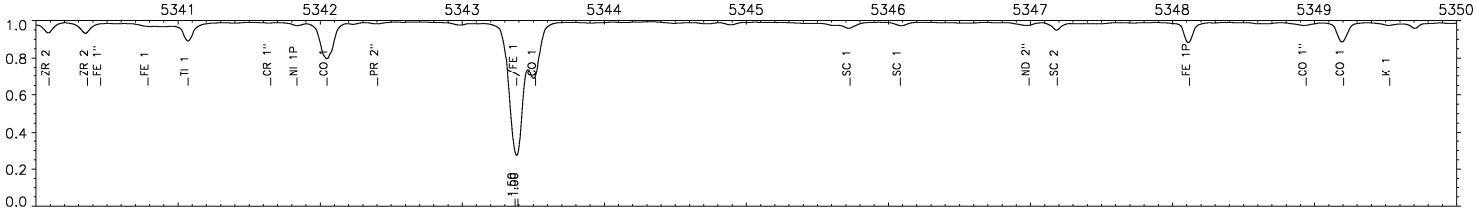
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ZR 2
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FE 1
TI 1
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CO 1
PR 2''
//FE 1
CO 1
SC 1
SC 1
ND 2''
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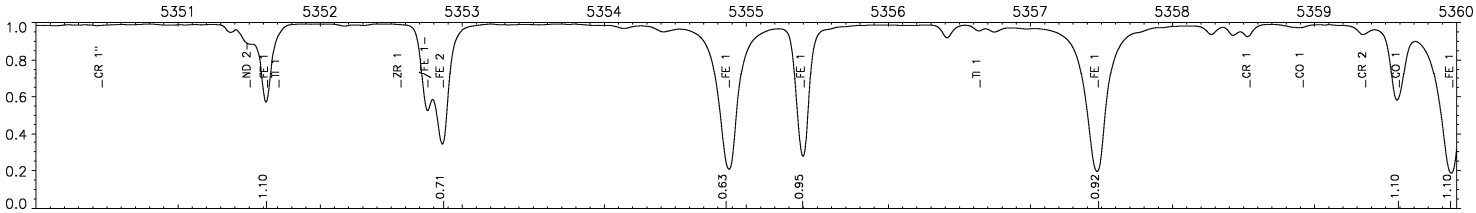
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FE 1
TI 1
ZR 1
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FE 2
FE 1
FE 1
TI 1
FE 1
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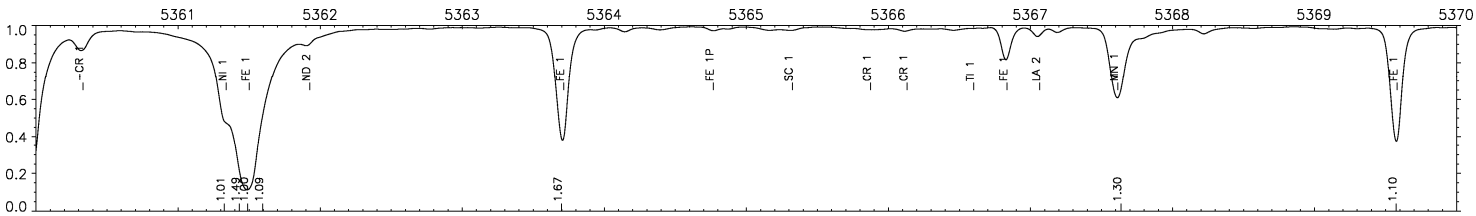
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CR 1
TI 1
FE
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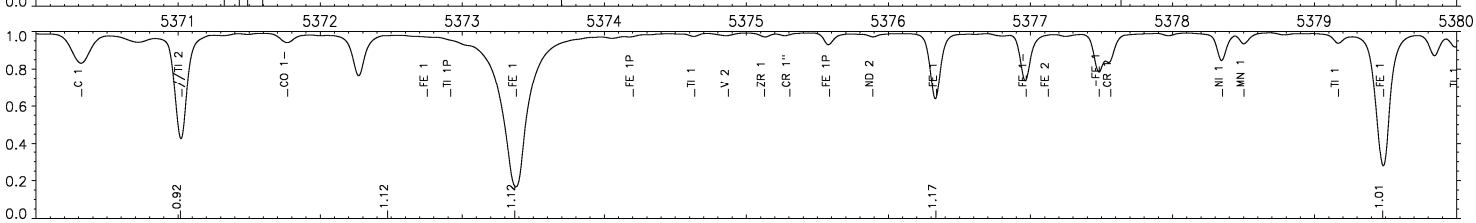
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TI 1P
FE 1
FE 1P
TI 1
V 2
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CR 1''
FE 1P
ND 2
FE 1
FE 1''
FE 2
CR 1
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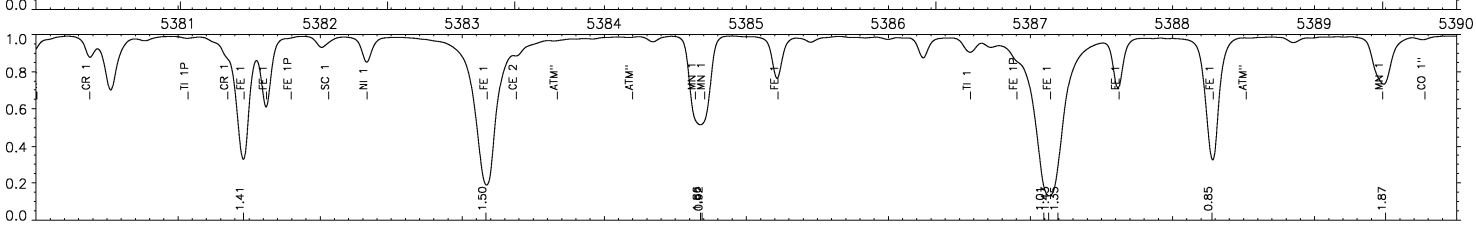
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ATM''
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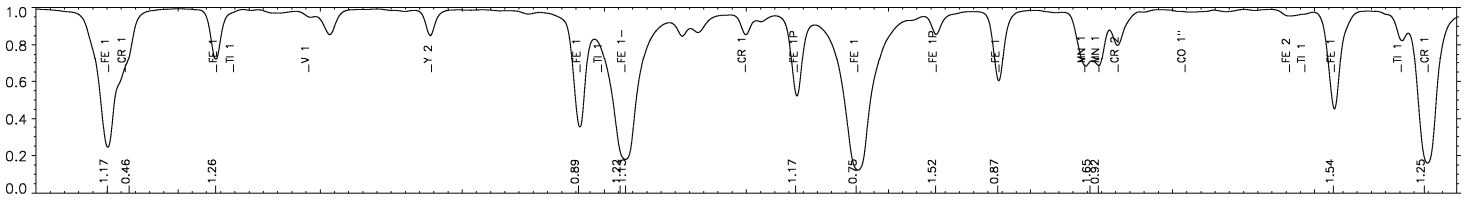
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CR 1
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FE 1
FE 1P
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MN 1
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FE 2
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FE 1
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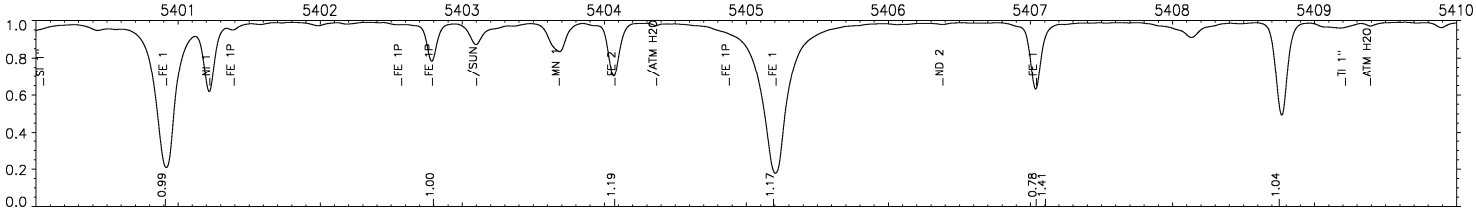
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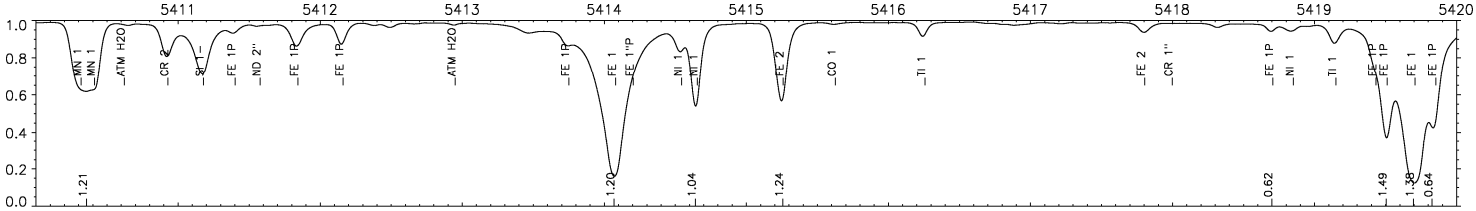
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FE 1P
FE 1
FE 1''P
NI 1
NI 1
FE 2
CO 1
TI 1
FE 2
CR 1''
FE 1P
NI 1
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FE 1P
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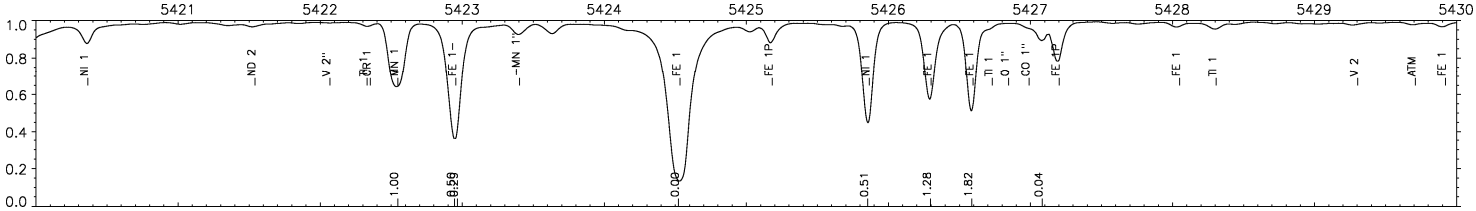
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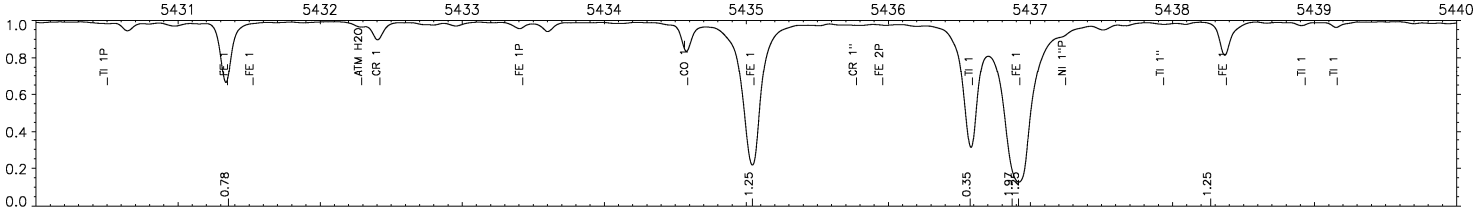
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CR 1''
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FE
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TI 1
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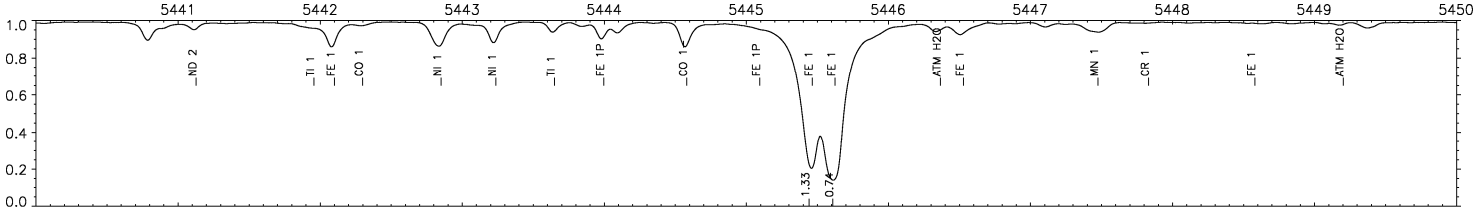
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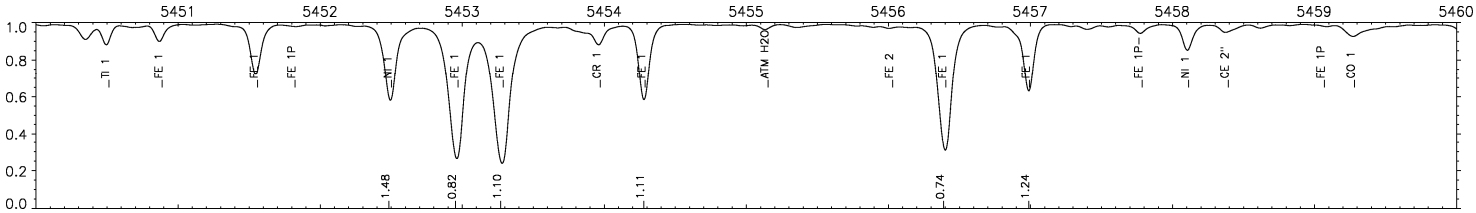
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ATM H2O
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CE 2''
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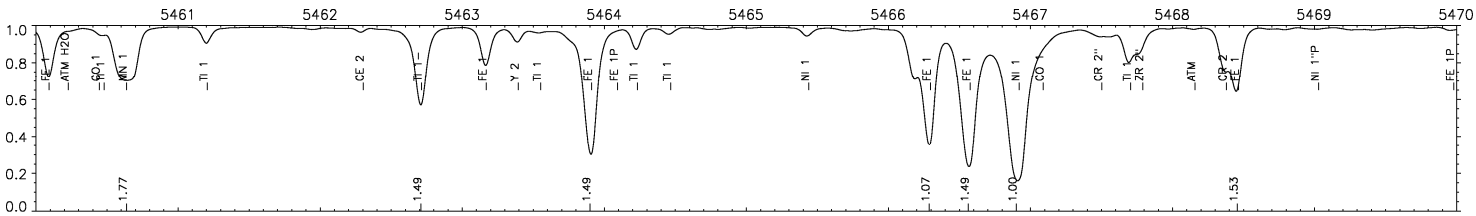
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TI 1–
FE 1
Y 2
TI 1
FE 1
FE 1P
TI 1
TI 1
NI 1
FE 1
FE 1
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CO 1
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TI 1
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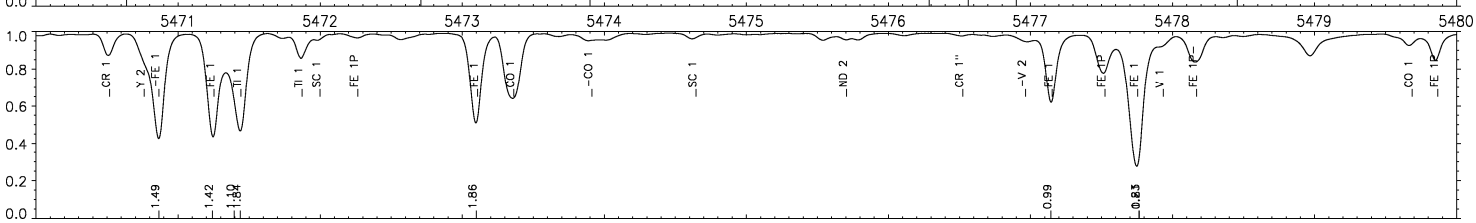
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CR 1''
V 2
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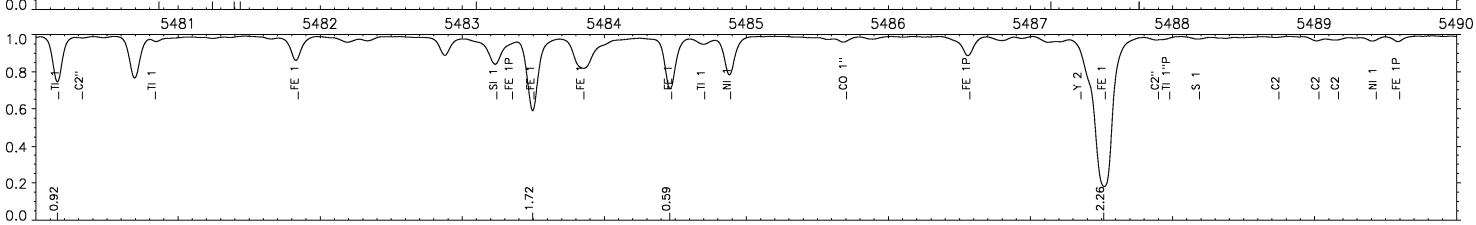
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TI 1
FE 1
SI 1
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FE
FE 1
TI 1
NI 1
CO 1''
FE 1P
Y 2
FE 1
C2''
TI 1''P
S 1
C2
C2
C2
NI 1
FE 1P
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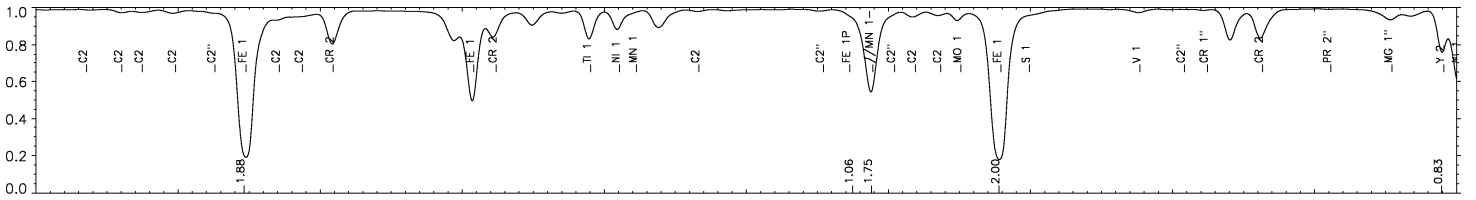
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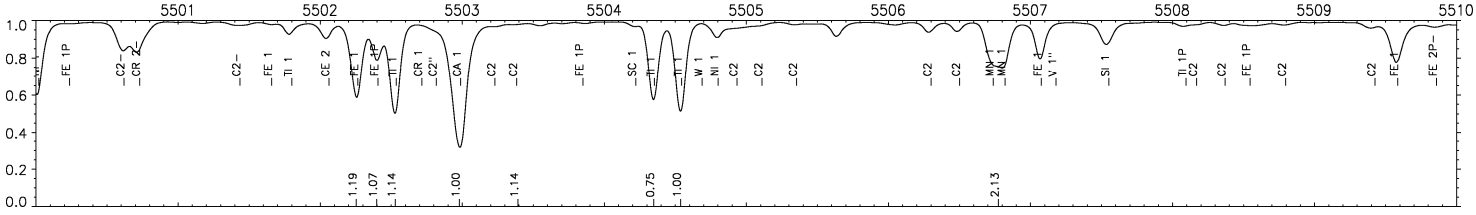
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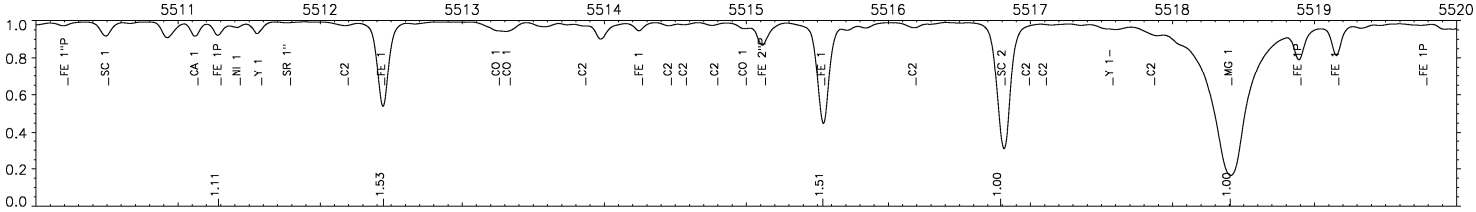
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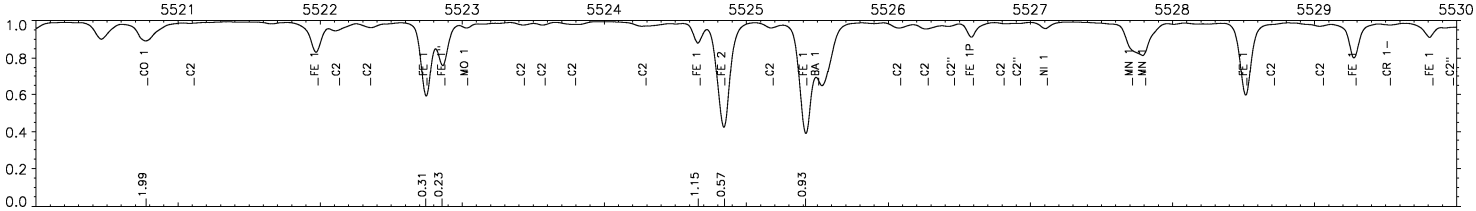
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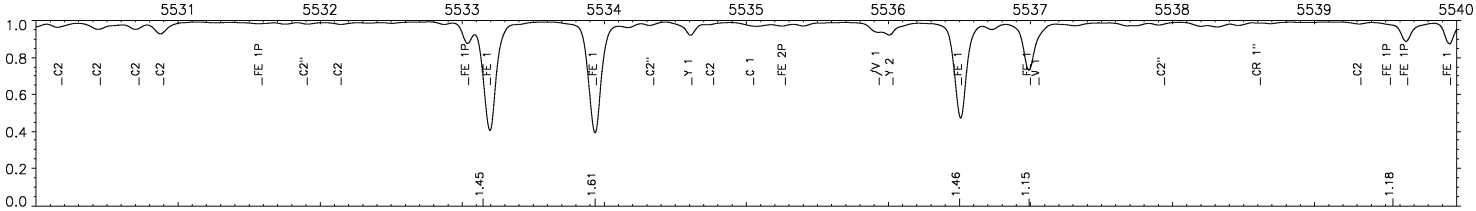
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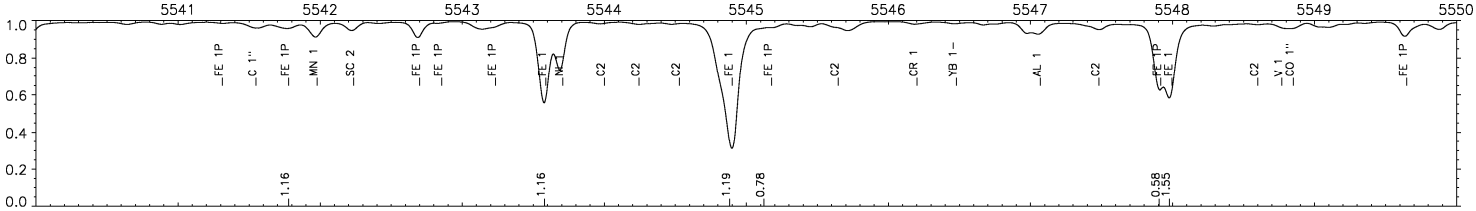
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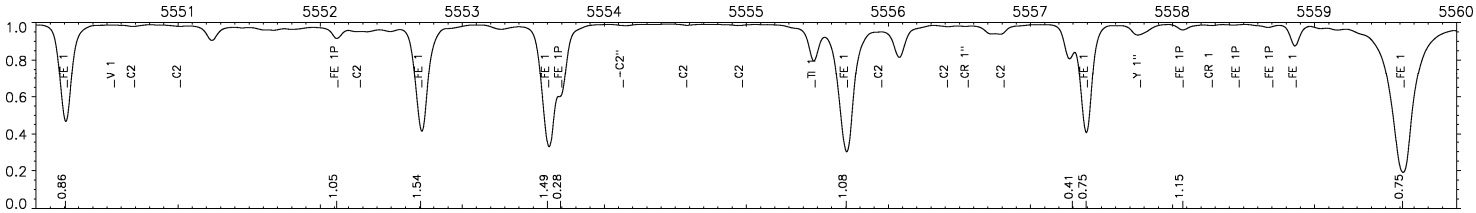
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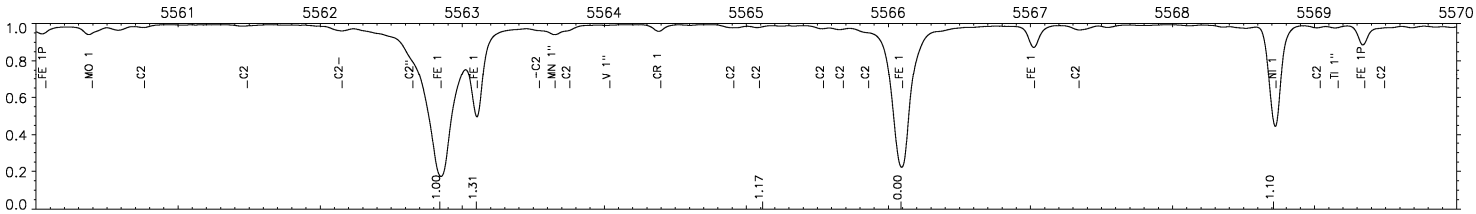
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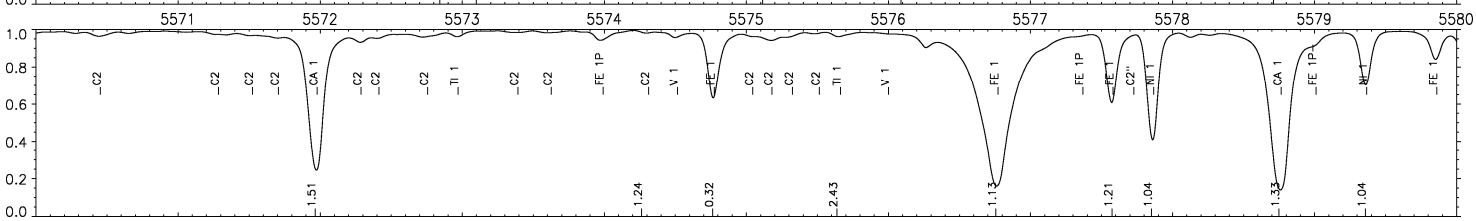
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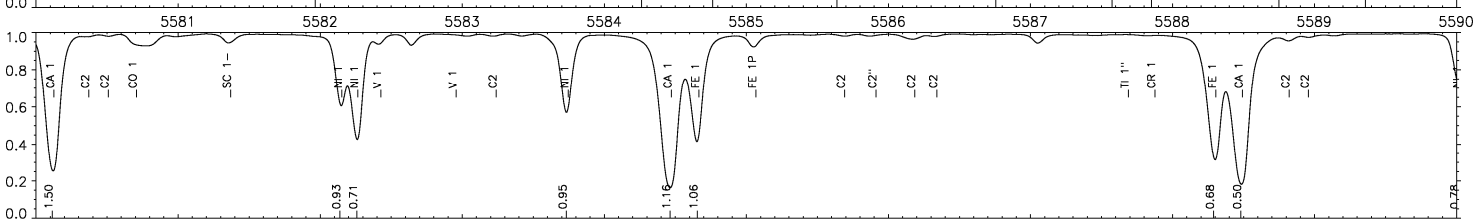
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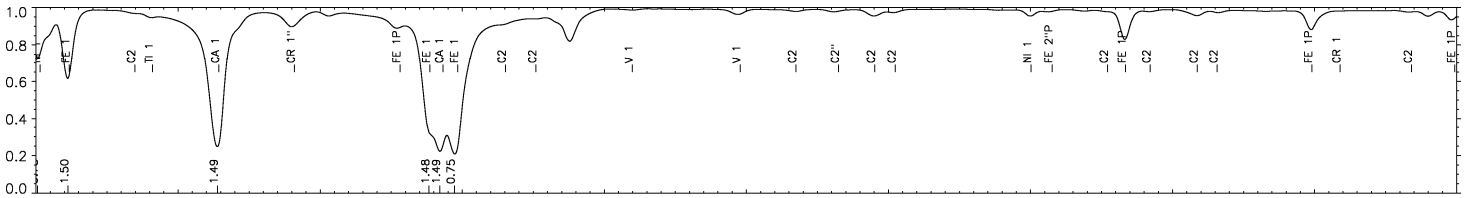
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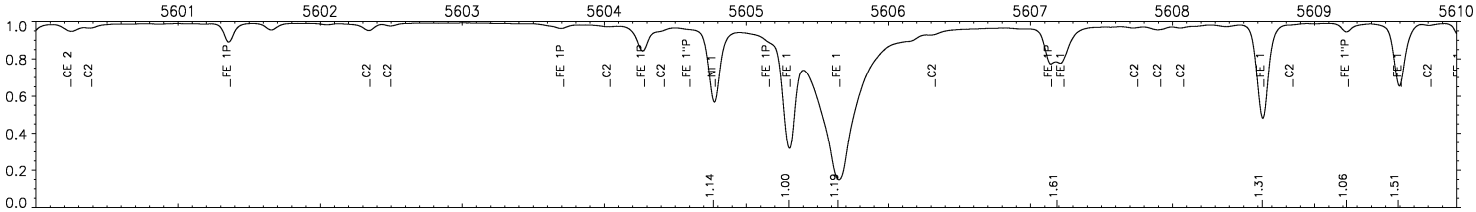
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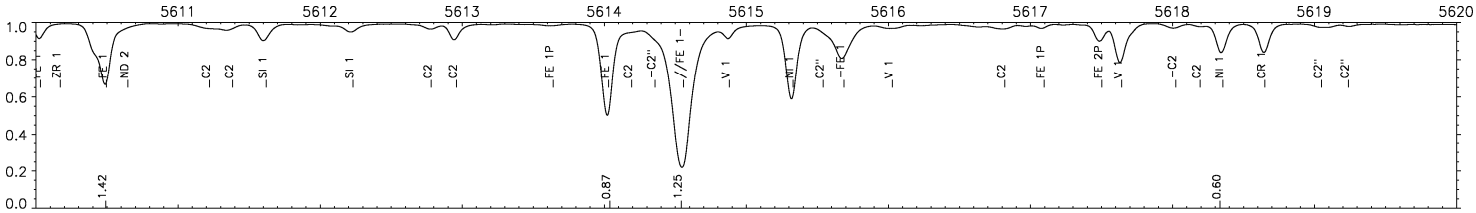
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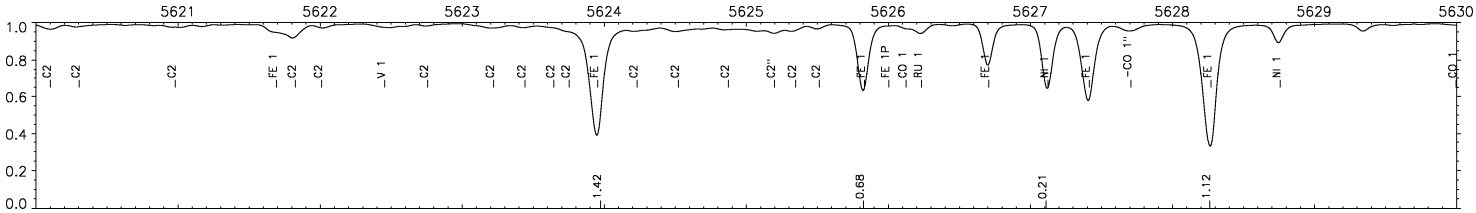
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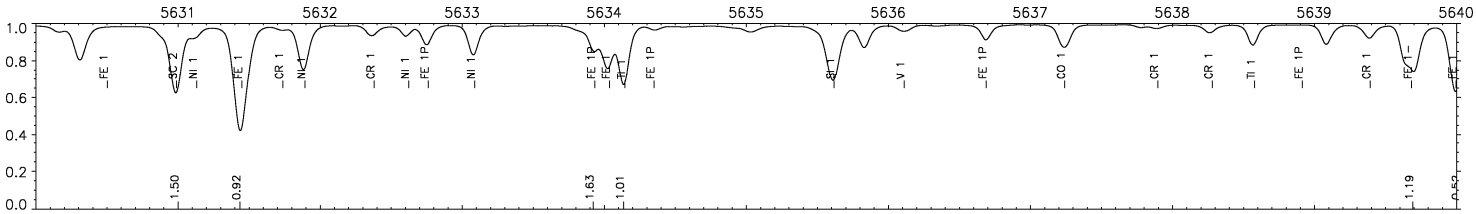
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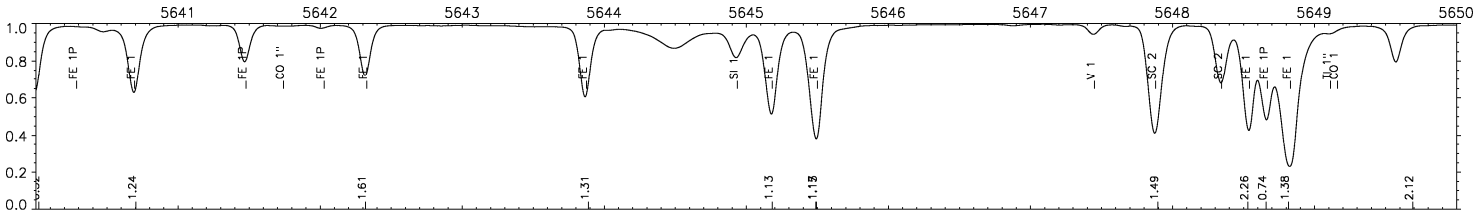
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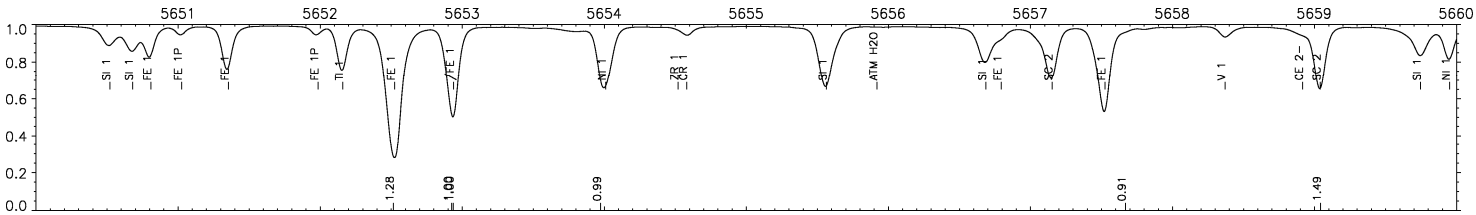
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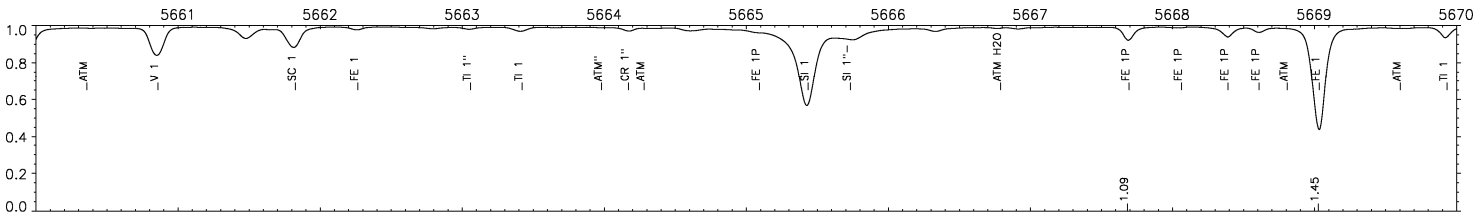
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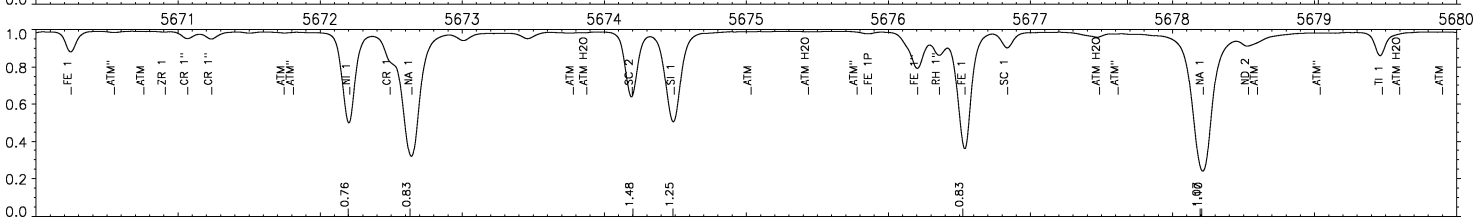
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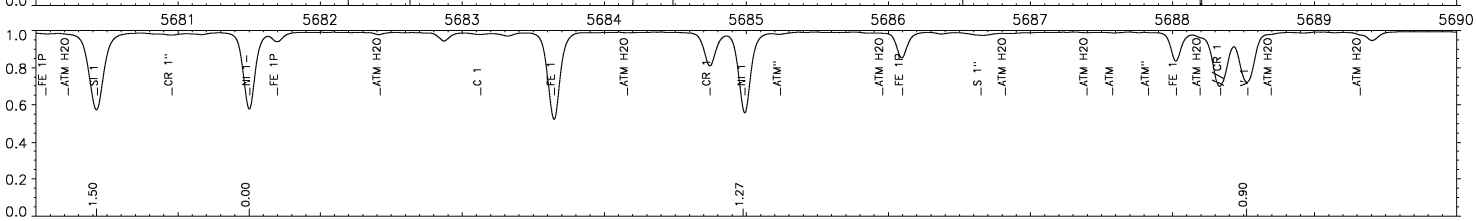
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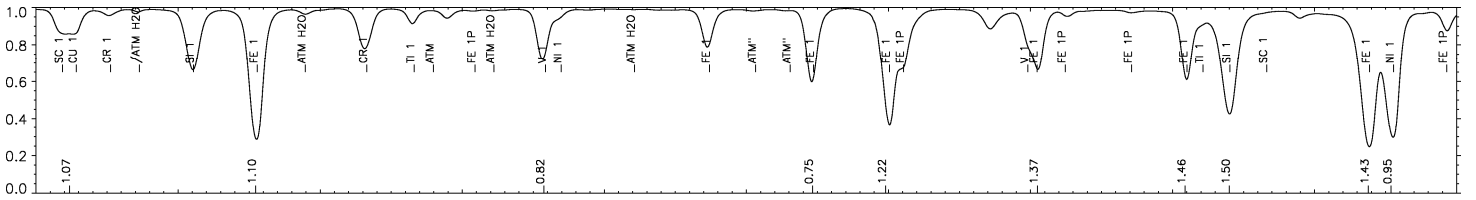
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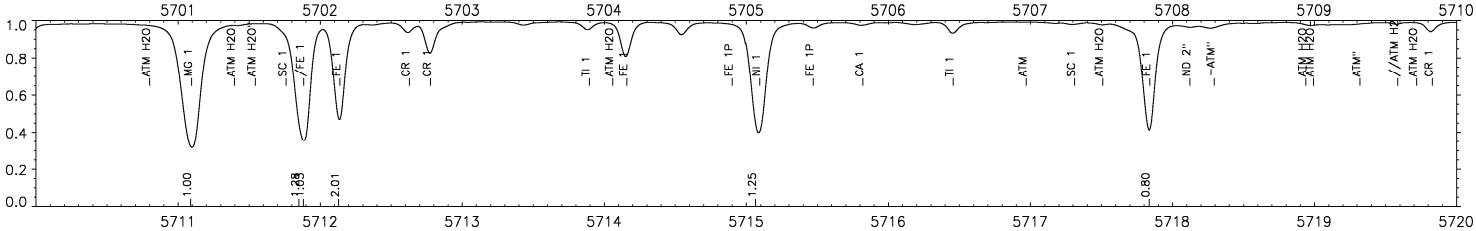
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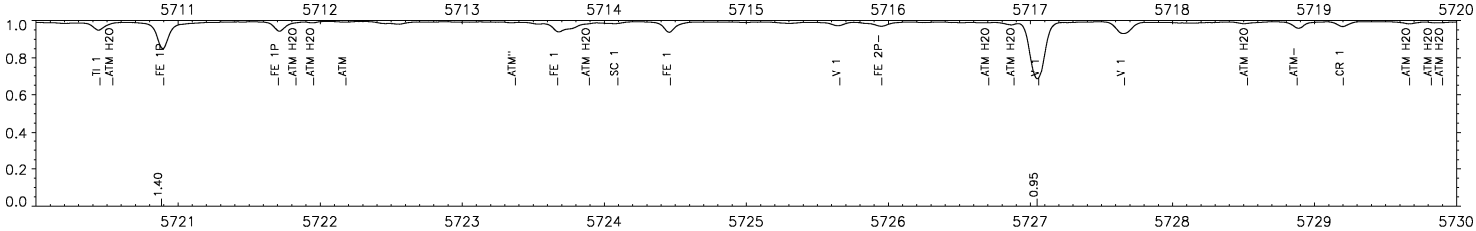
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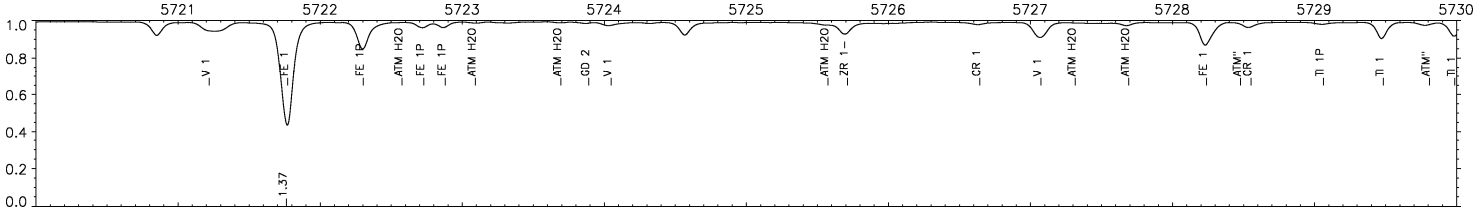
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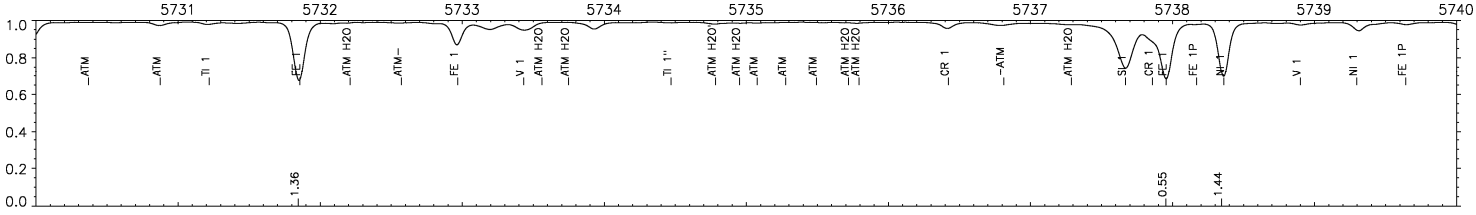
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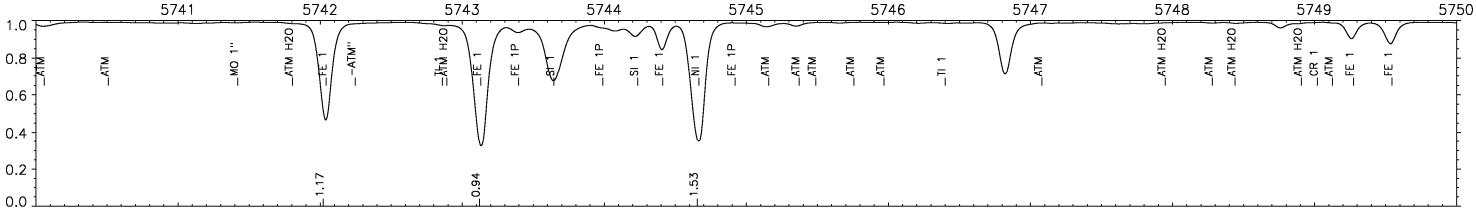
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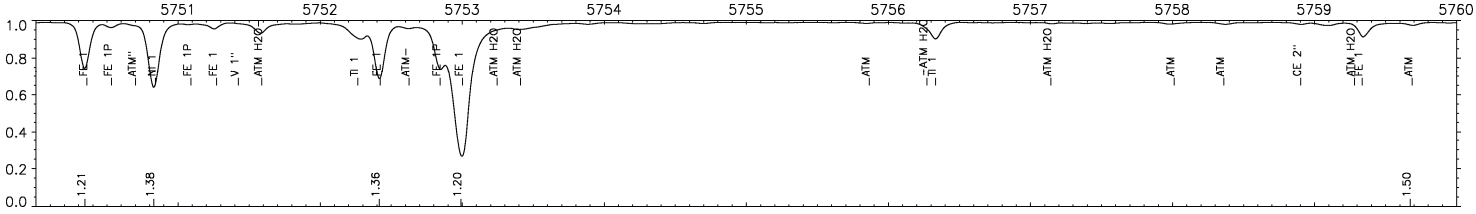
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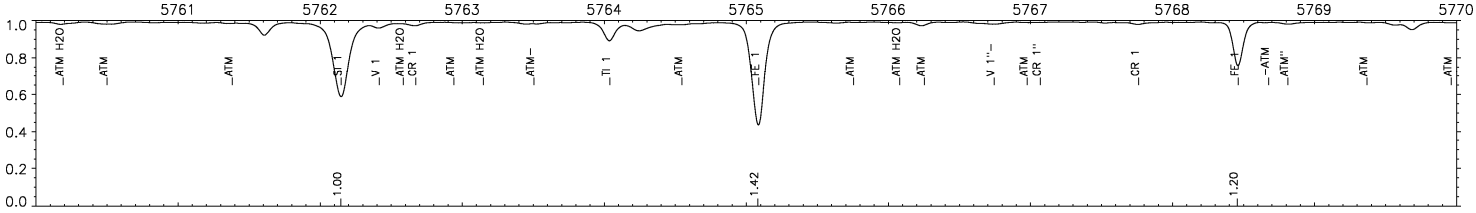
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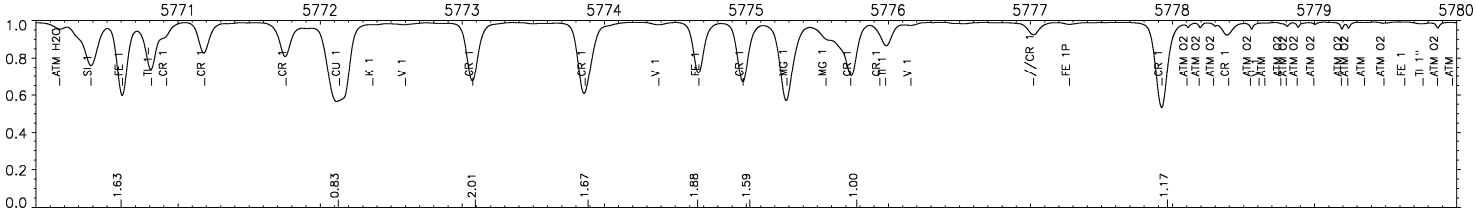
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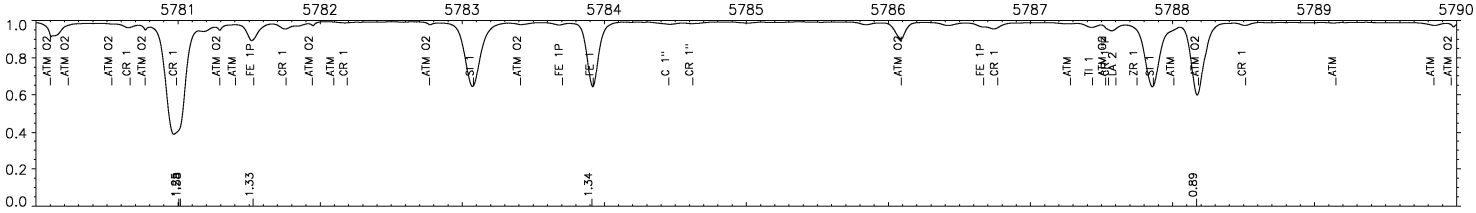
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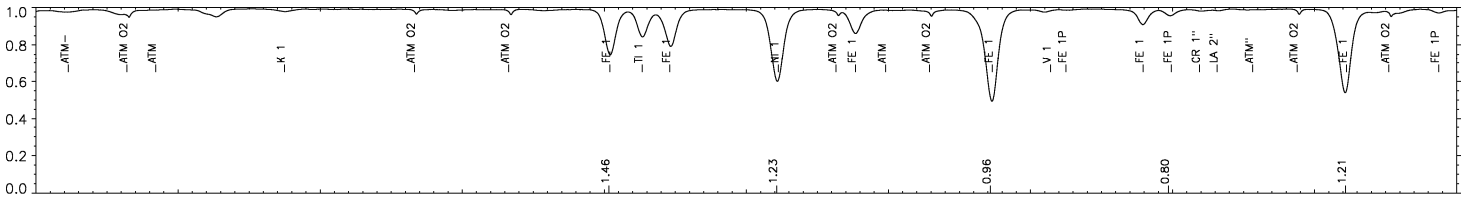
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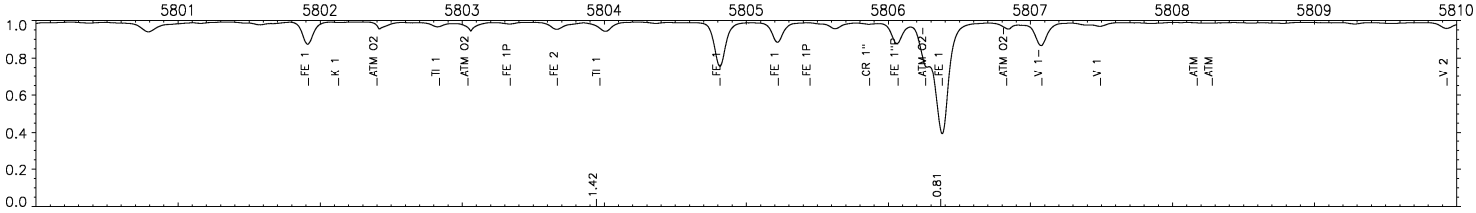
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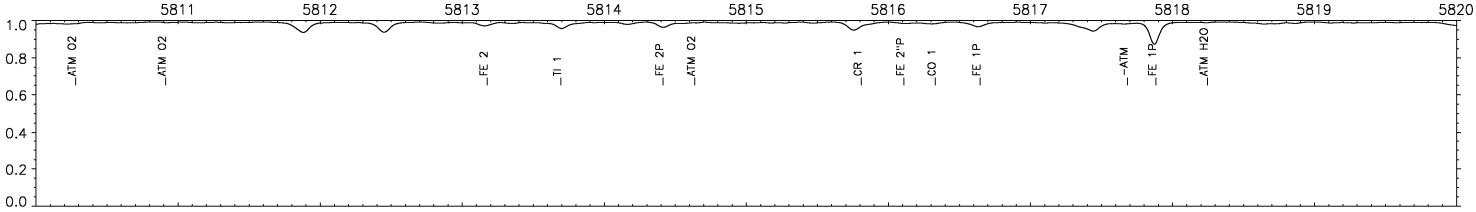
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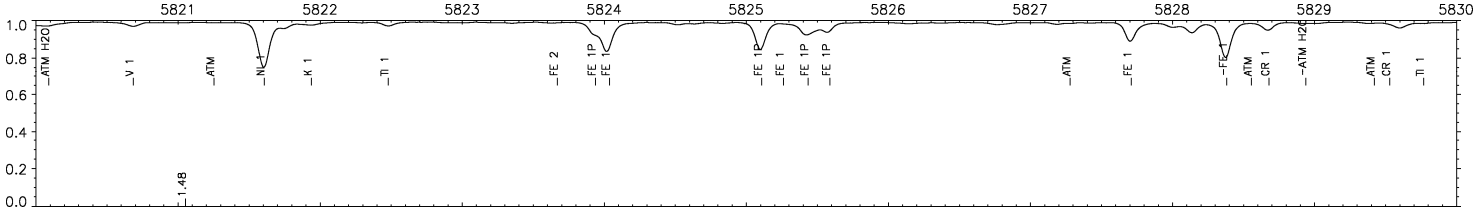
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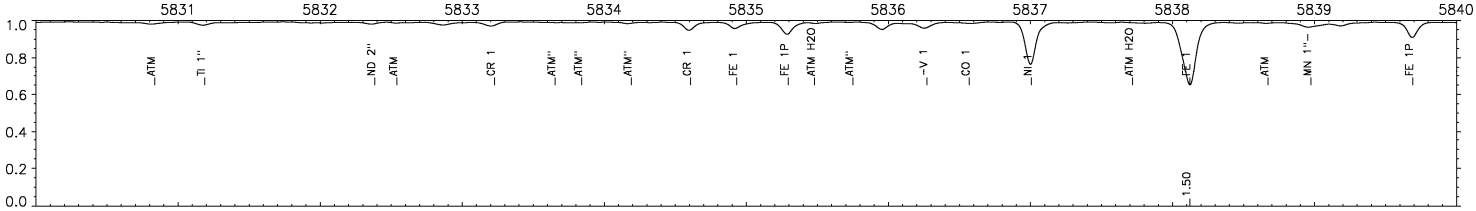
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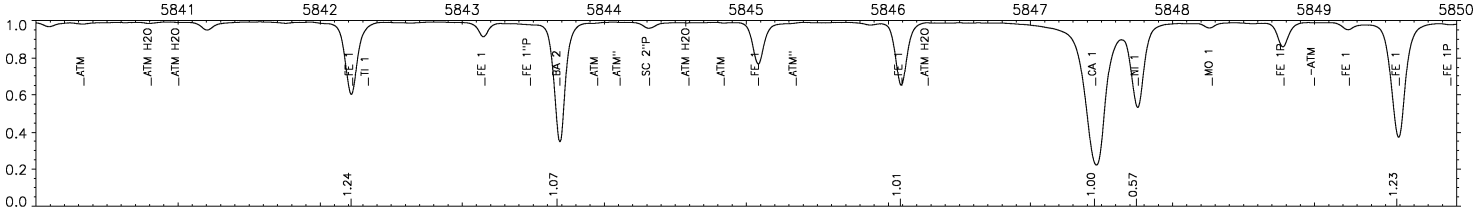
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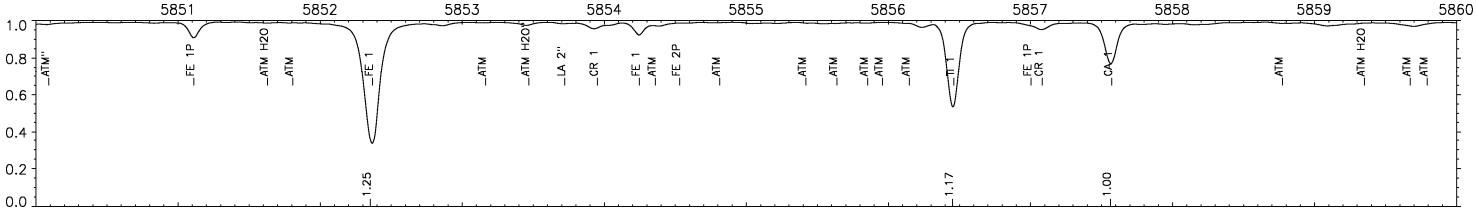
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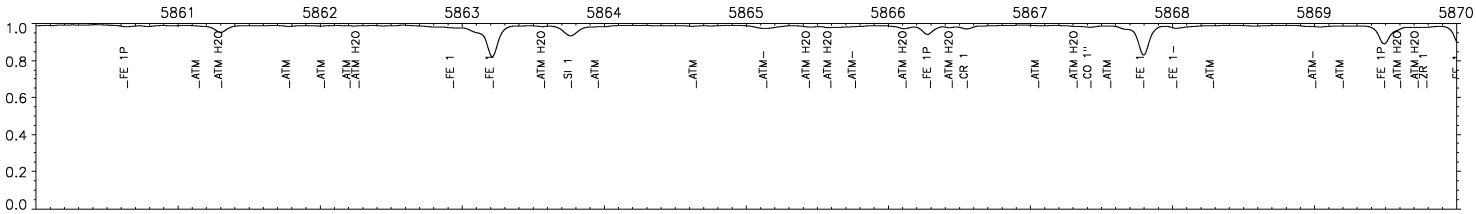
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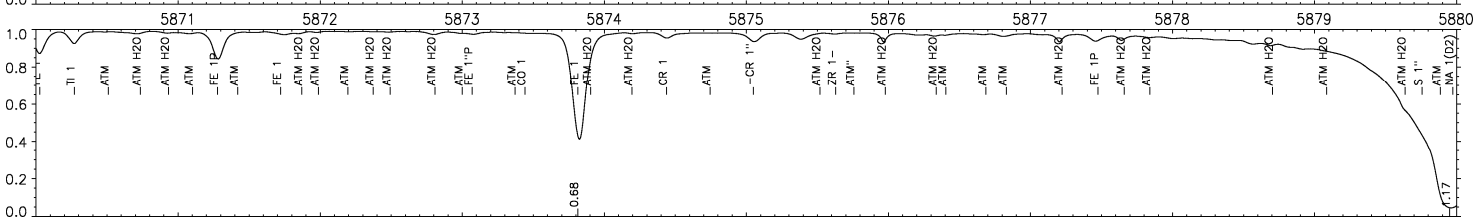
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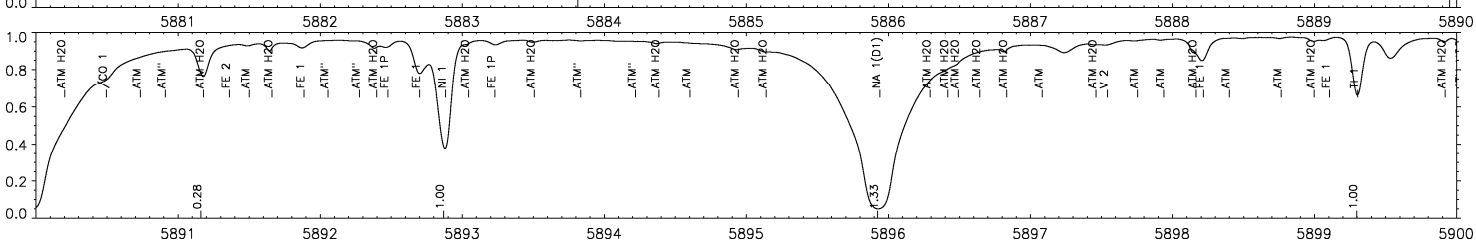
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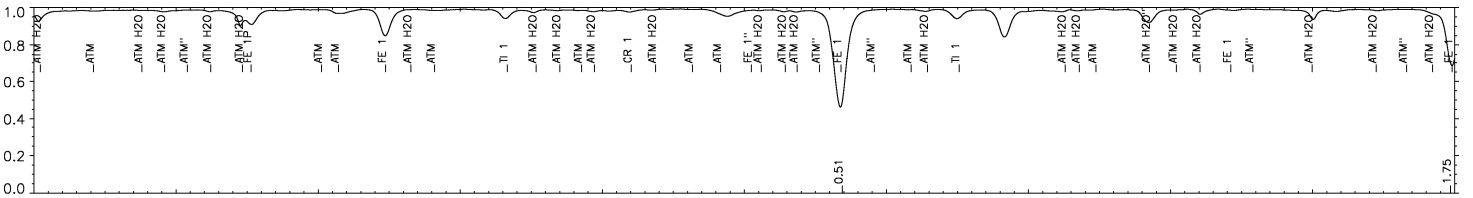
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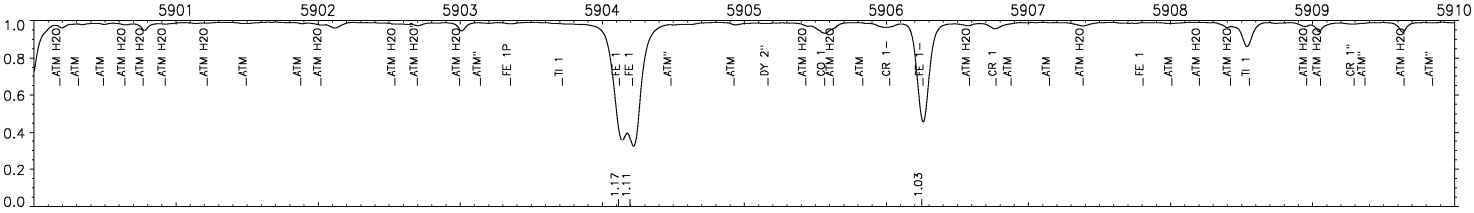
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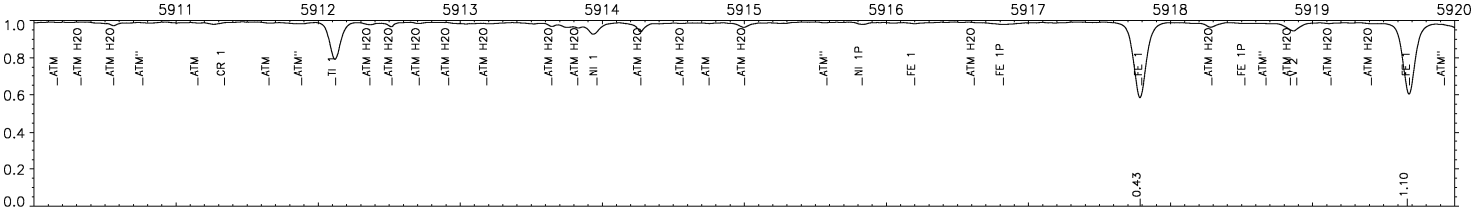
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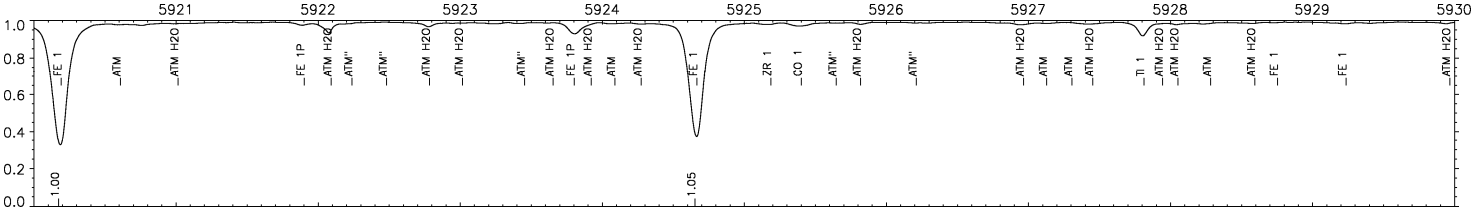
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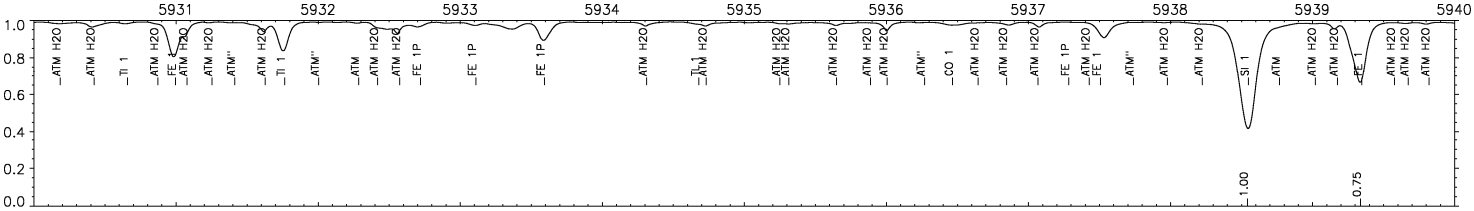
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ATM H2O
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ATM H2O
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ATM
ATM H2O
ATM H2O
FE 1
ATM H2O
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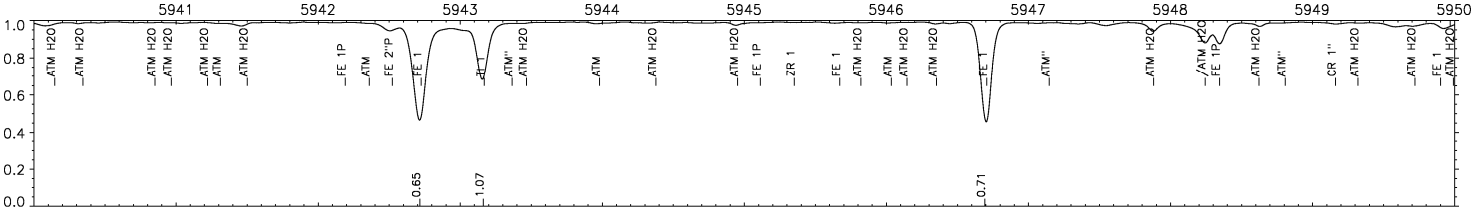
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ATM
FE 2''P
FE 1
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ATM''
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ATM
ATM H2O
ATM H2O
FE 1P
ZR 1
FE 1
ATM H2O
ATM
ATM H2O
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ATM''
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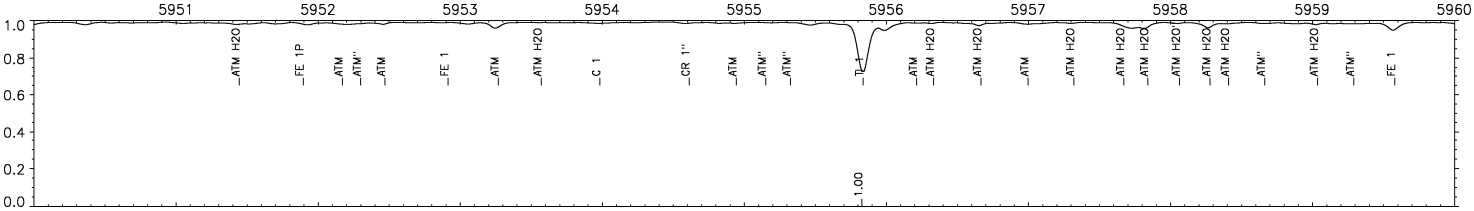
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ATM
ATM H2O
C 1
CR 1''
ATM
ATM''
ATM''
TI 1
ATM
ATM H2O
ATM H2O
ATM
ATM H2O
ATM H2O
ATM H2O
ATM H2O
ATM H2O
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ATM''
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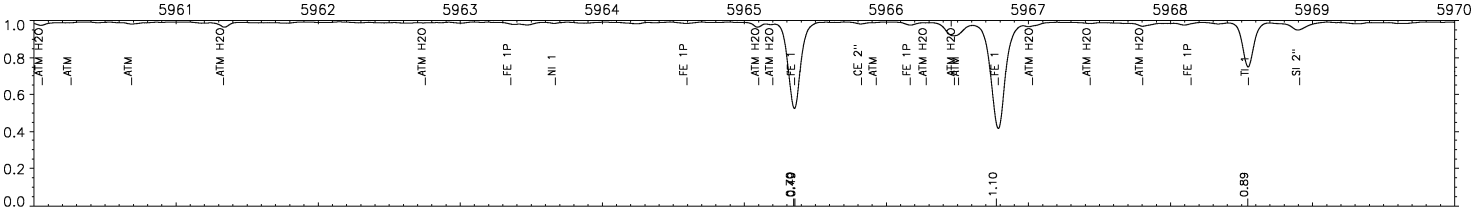
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ATM H2O
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ATM H2O
ATM H2O
FE 1
CE 2''
ATM
FE 1P
ATM H2O
ATM
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ATM H2O
ATM H2O
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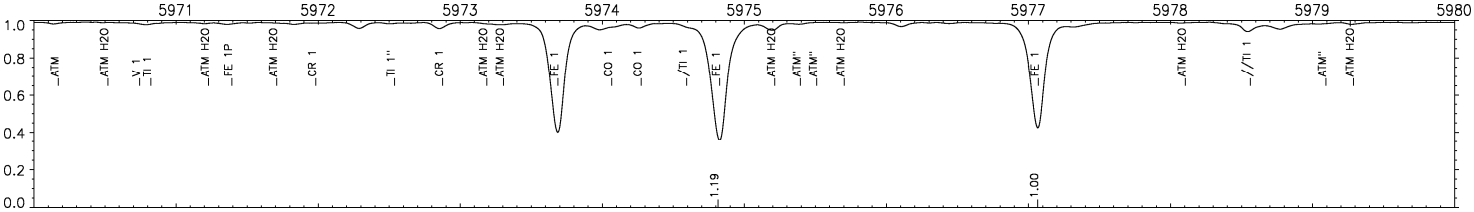
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ATM H2O
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TI 1''
CR 1
ATM H2O
ATM H2O
FE 1
CO 1
CO 1
//TI 1
FE 1
ATM H2O
ATM''
ATM''
ATM H2O
FE 1
ATM H2O
//TI 1
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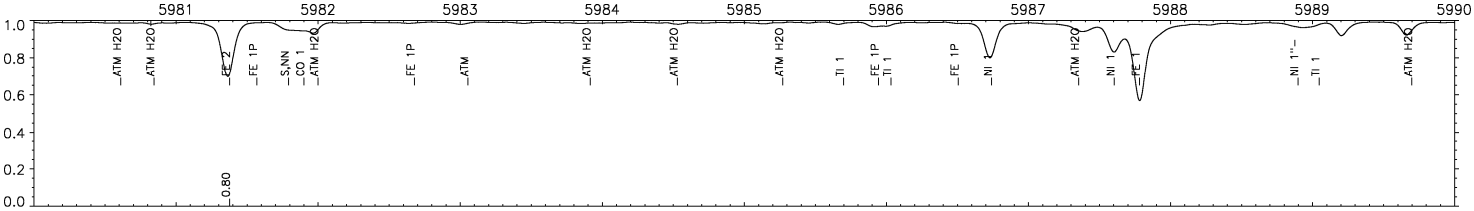
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ATM
ATM H2O
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ATM H2O
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FE 1P
TI 1
FE 1P
NI
ATM H2O
NI 1
FE 1
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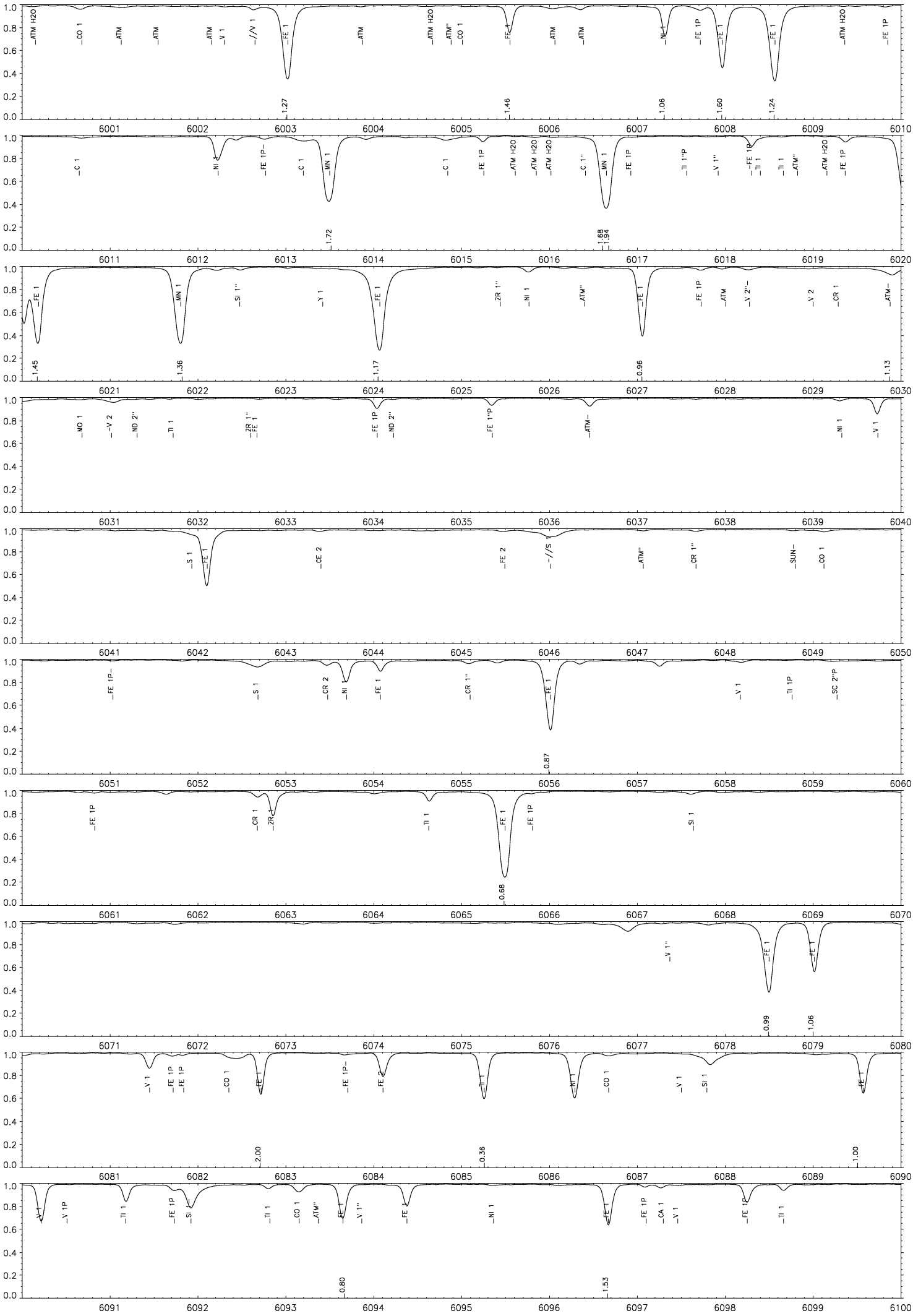
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ATM
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NI 1
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C 1
MN 1
1.72
C 1
FE 1P
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ATM H2O
ATM H2O
C 1''
MN 1
1.68
1.94
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TI 1''P
V 1''
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TI 1
TI 1
ATM''
ATM H2O
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MN 1
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NI 1
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CR 1
ATM-
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TI 1
ZR 1''
FE 1
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ND 2''
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V 1
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FE 1
CE 2
FE 2
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SI 1
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FE 1
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FE 1P
CO 1
FE 1
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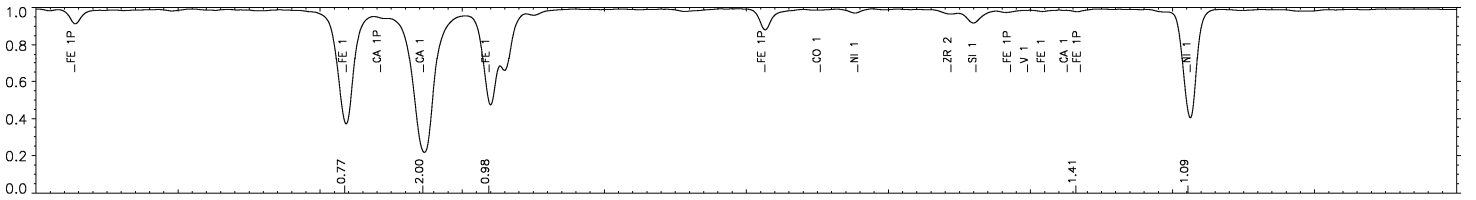
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V 1
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CA 1
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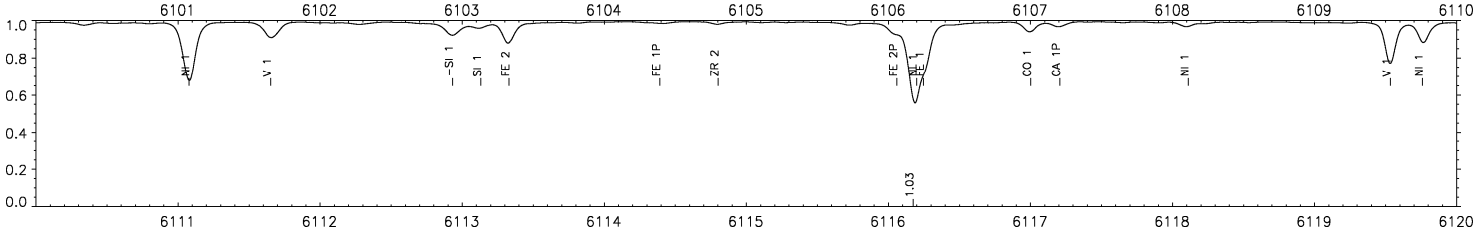
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SI 1
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CO 1
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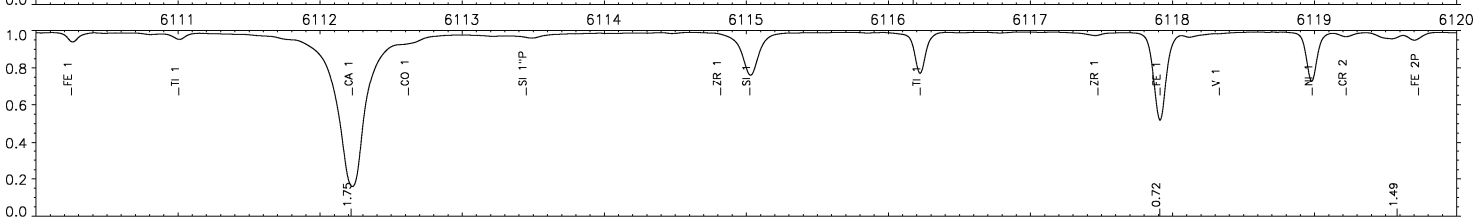
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SI 1''P
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TI 1
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V 1
NI 1
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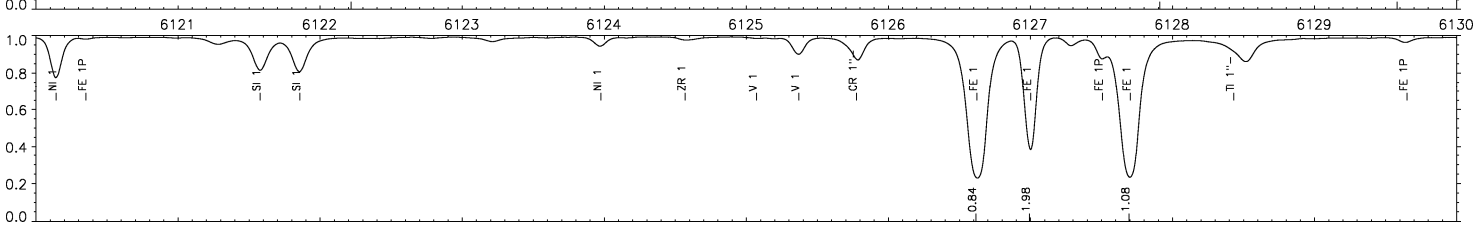
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CR 1''
FE 1
FE 1
FE 1P
FE 1
TI 1''
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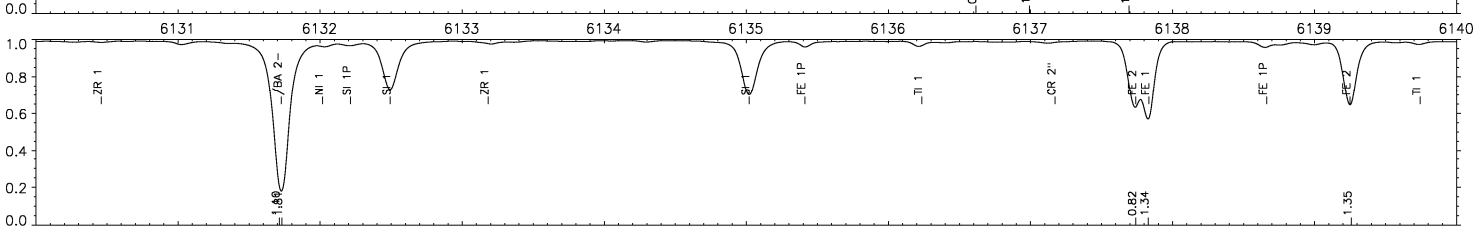
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FE 1P
TI 1
CR 2''
FE 2
FE 1
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FE 2
TI 1
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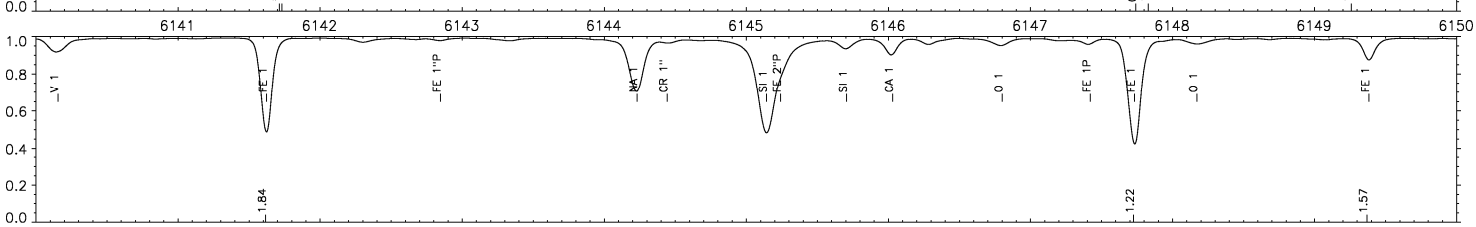
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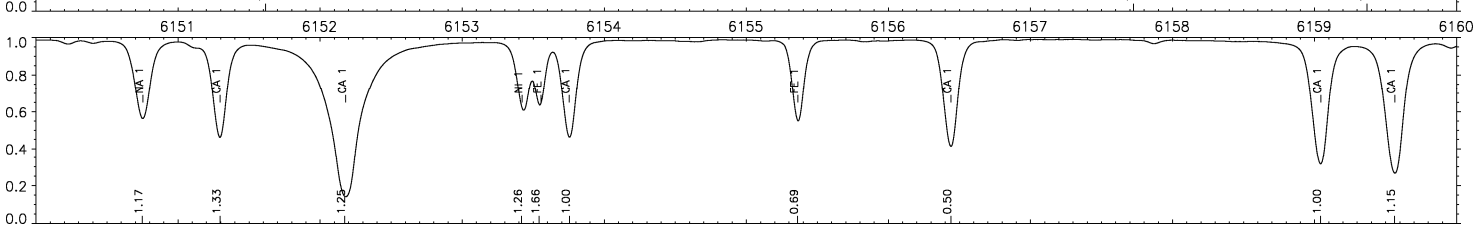
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CA 1
CA 1
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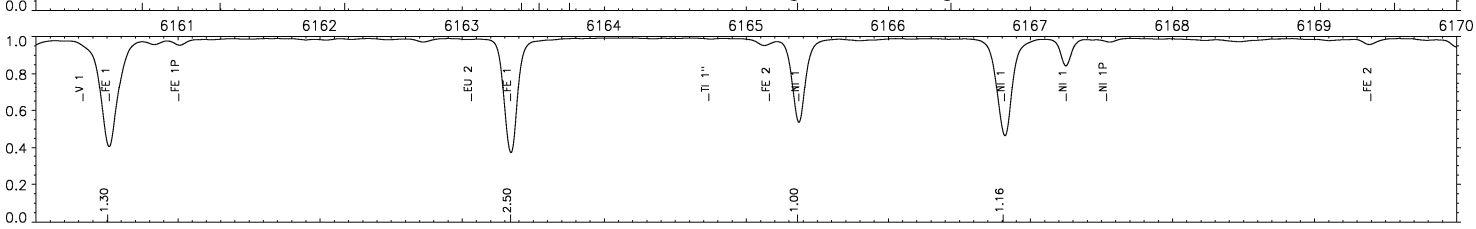
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NI 1P
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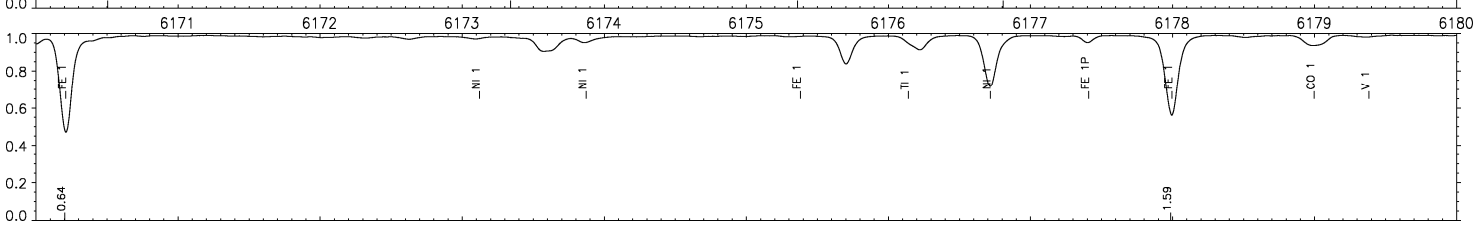
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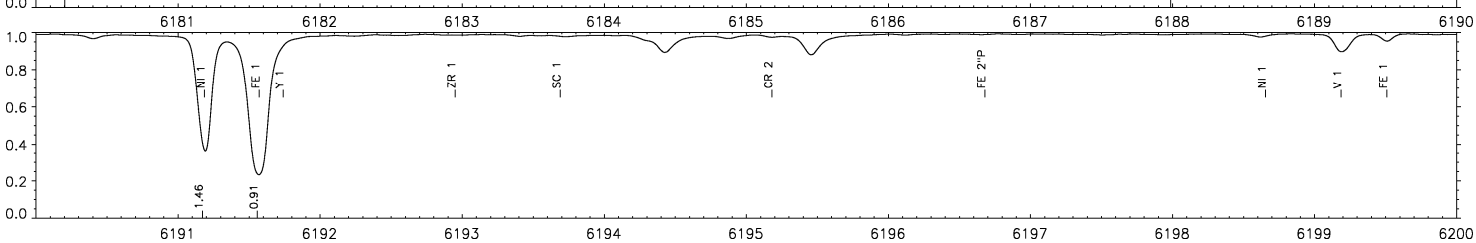
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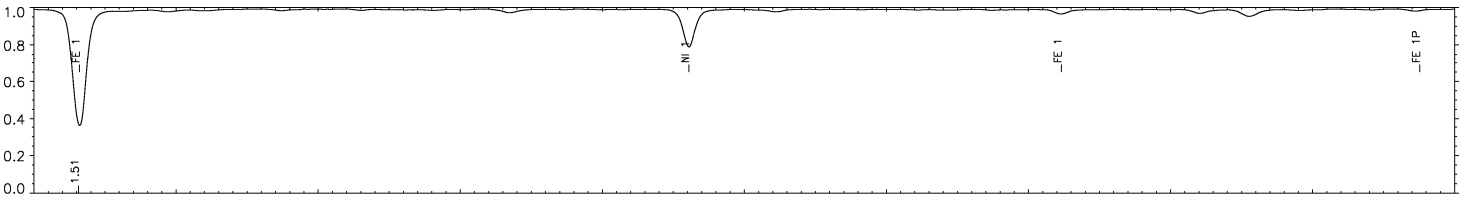
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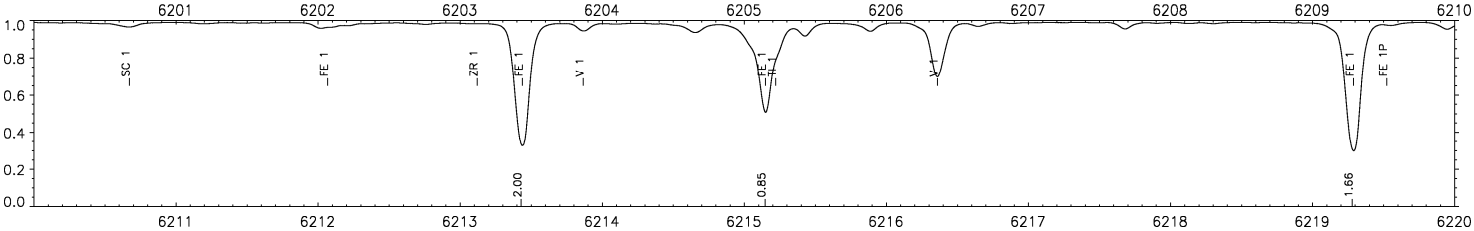
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FE 1
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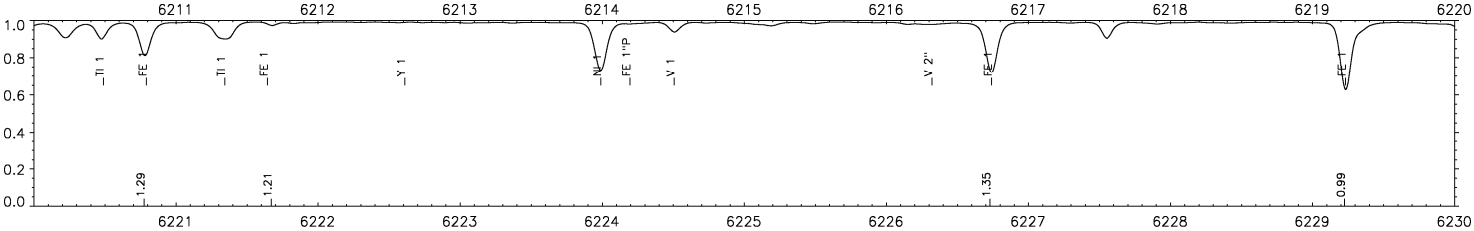
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NI 1
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V 1
V 2"
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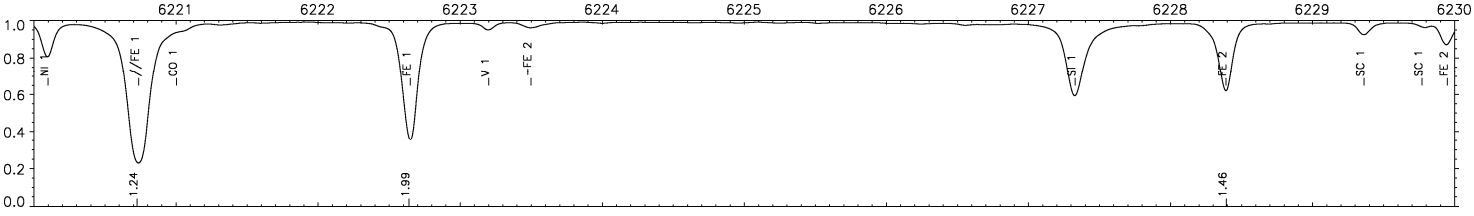
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V 1
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FE 2
SC 1
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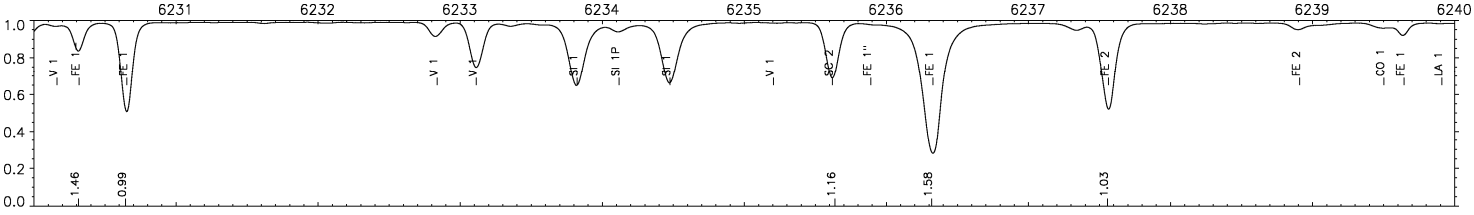
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FE 1
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V 1
SI 1
SI 1P
SI 1
V 1
SC 2
FE 1"
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FE 2
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FE 1
LA 1
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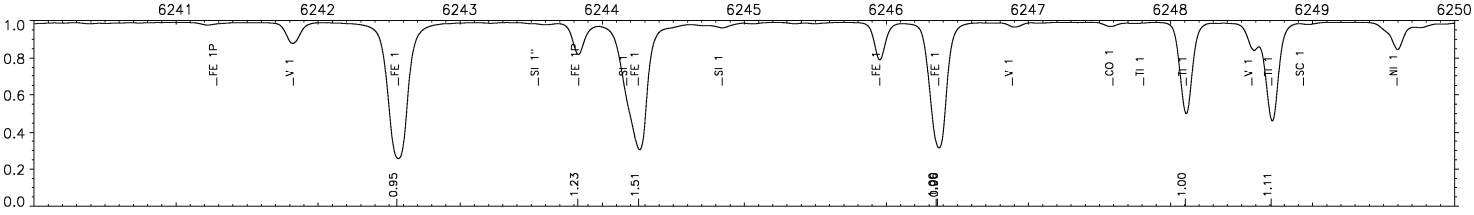
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SI 1
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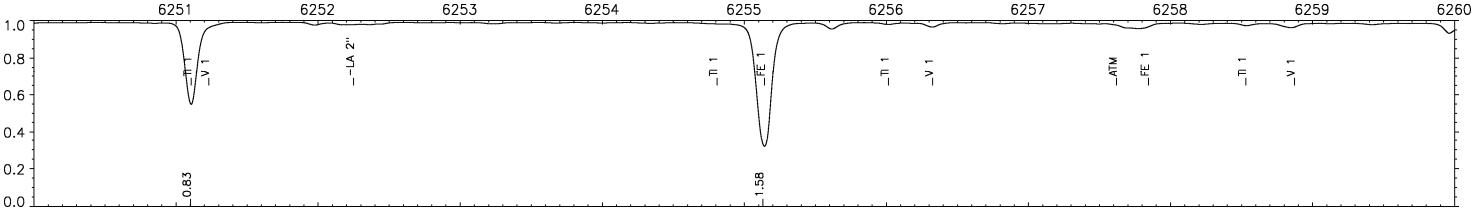
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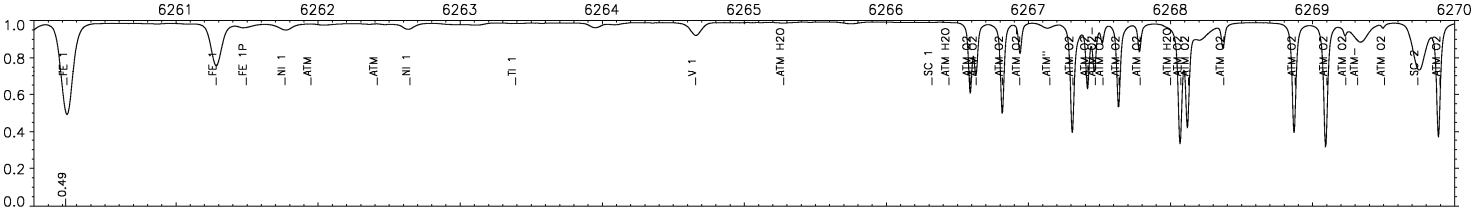
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NI 1
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V 1
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ATM O2
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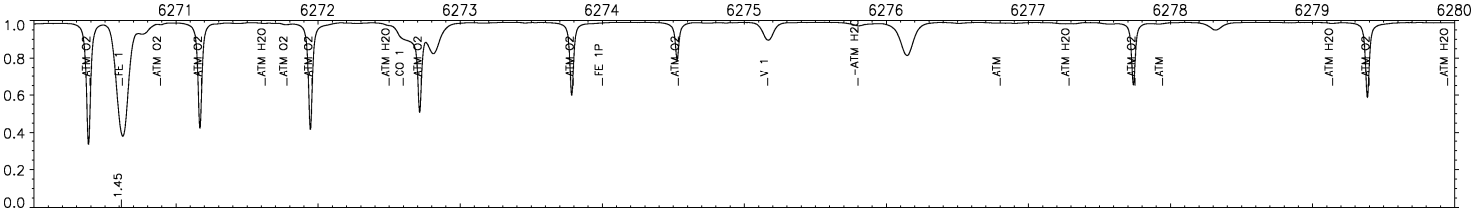
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ATM O2
ATM H2O
ATM O2
ATM O2
ATM H2O
CO 1
ATM O2
ATM O2
FE 1P
ATM O2
V 1
ATM H2
ATM
ATM H2O
ATM O2
ATM
ATM H2O
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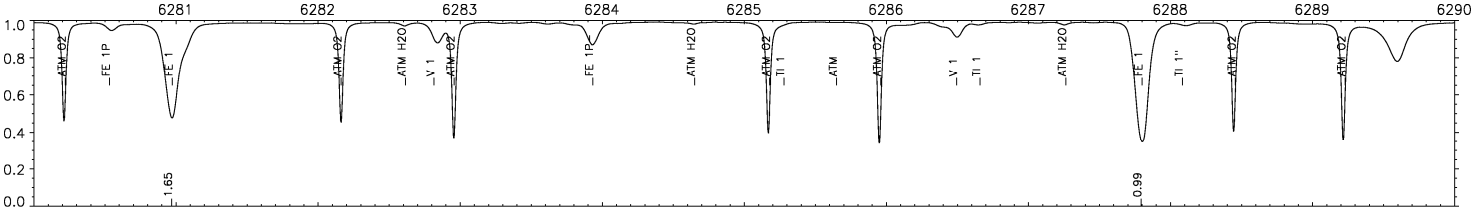
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FE 1P
FE 1
ATM O2
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V 1
ATM O2
FE 1P
ATM H2O
ATM O2
TI 1
ATM
ATM O2
V 1
TI 1
ATM H2O
FE 1
TI 1"
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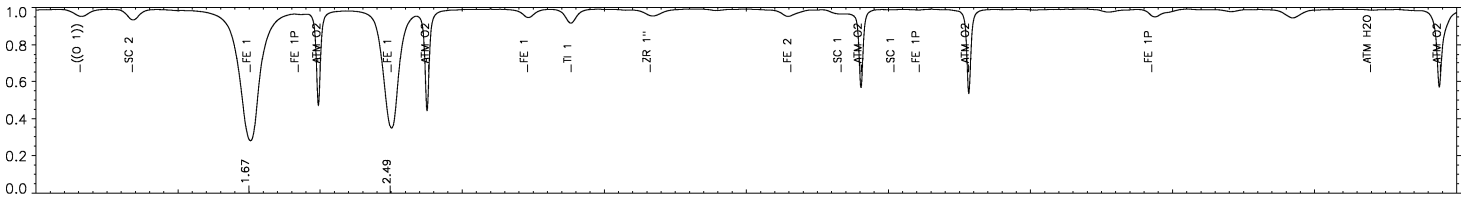
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FE 1
FE 1P
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FE 1
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FE 1
TI 1
ZR 1''
FE 2
SC 1
ATM O2
SC 1
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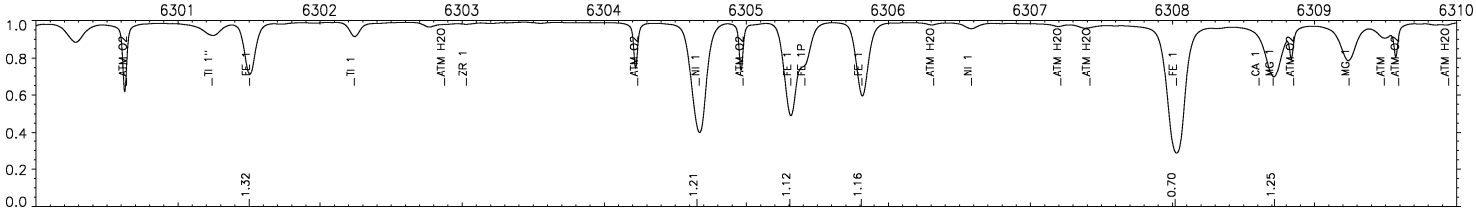
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TI 1
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ZR 1
ATM O2
NI 1
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FE 1
FE 1P
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NI 1
ATM H2O
ATM H2O
FE 1
CA 1
MG 1
ATM O2
MG 1
ATM
ATM O2
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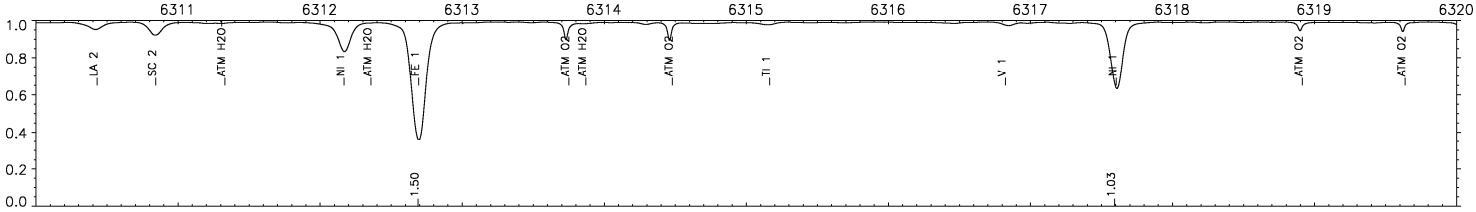
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SC 2
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ATM H2O
FE 1
ATM O2
ATM H2O
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TI 1
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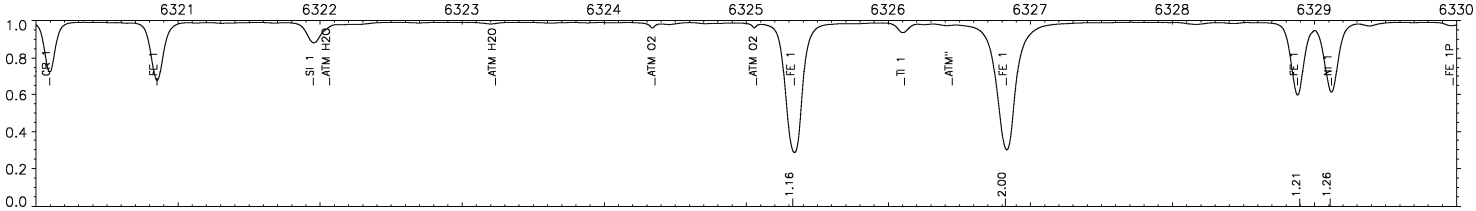
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SI 1
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ATM H2O
ATM O2
ATM O2
FE 1
TI 1
ATM''
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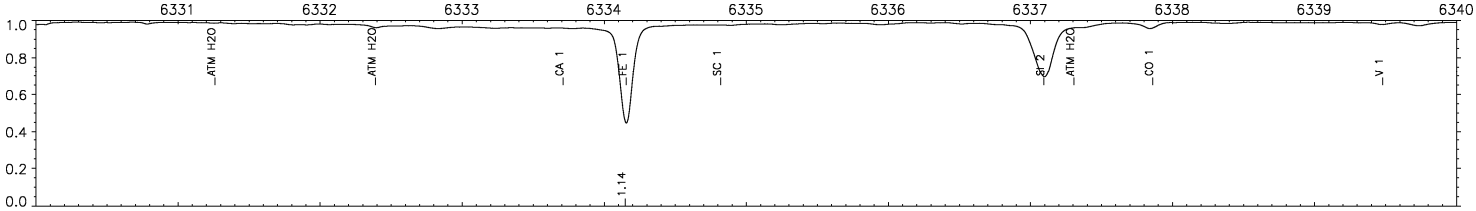
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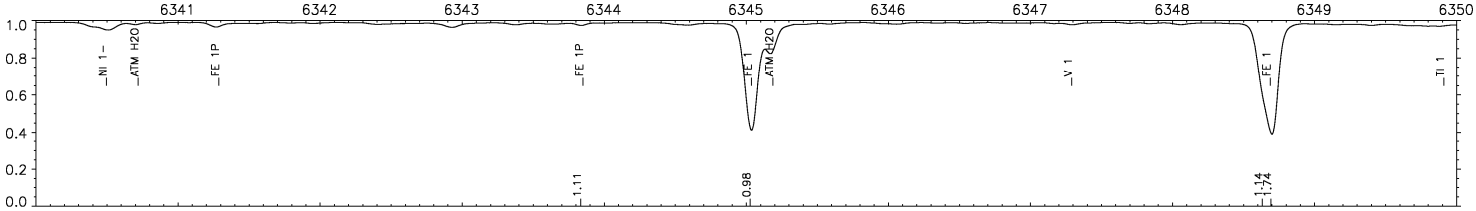
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FE 1P
FE 1P
FE 1
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V 1
FE 1
TI 1
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1.14
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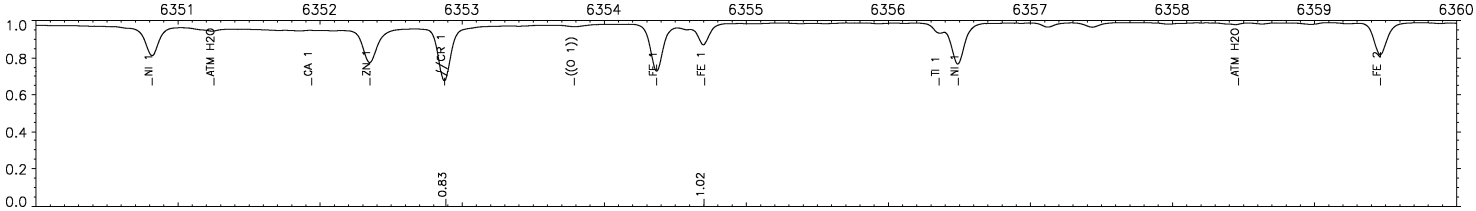
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ATM H2O
CA 1
ZN 1
CR 1
((O 1))
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NI 1
ATM H2O
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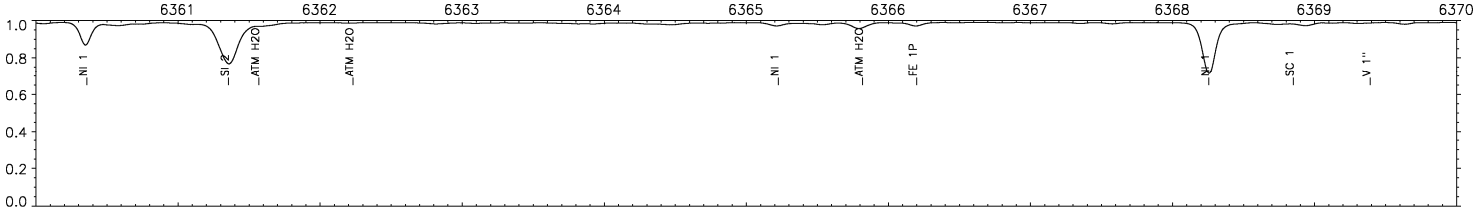
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ATM H2O
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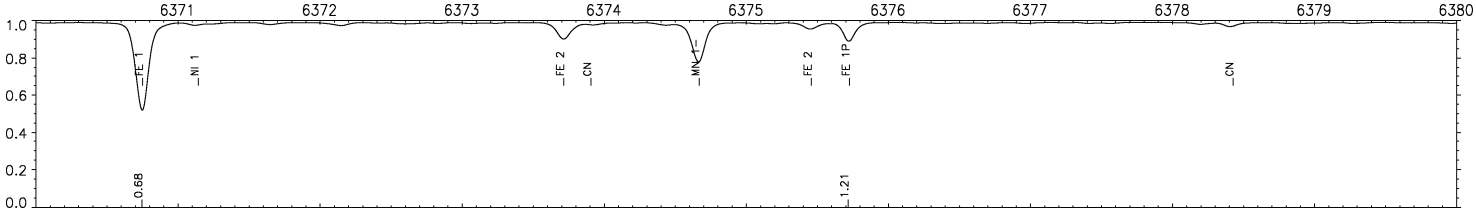
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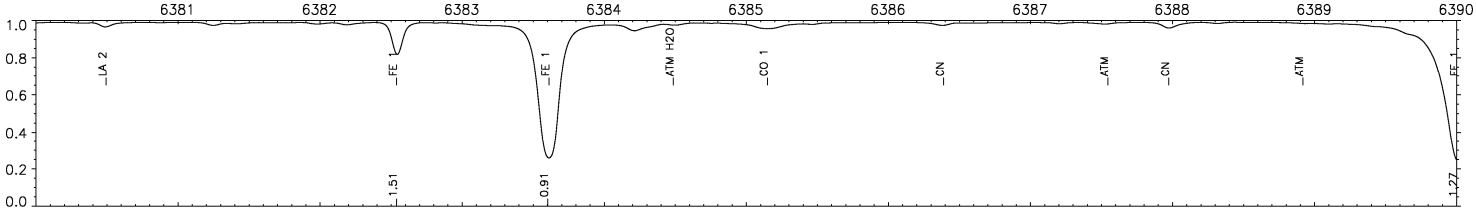
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FE 1
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CN
ATM
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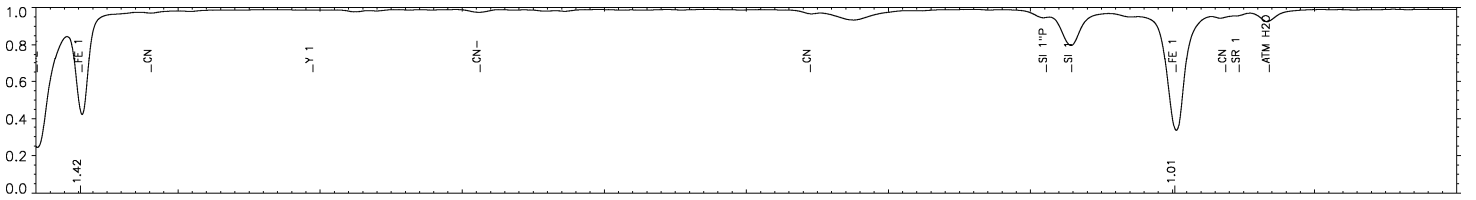
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0.0
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CN
Y 1
CN-
CN
SI 1"P
SI
FE 1
CN
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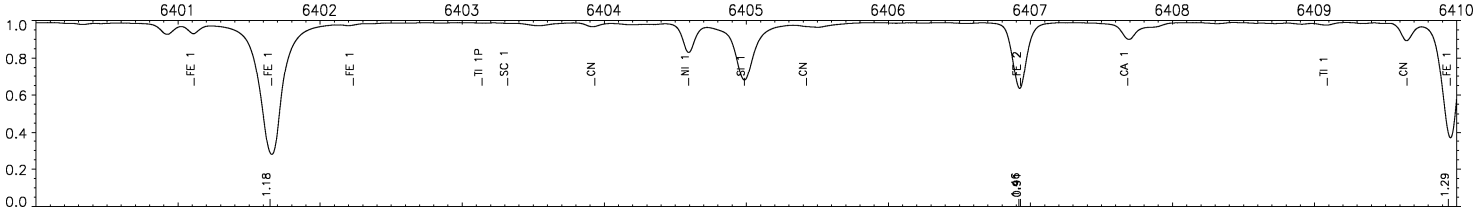
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0.4
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0.0
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FE 1
TI 1P
SC 1
CN
NI 1
CN
FE 2
CA 1
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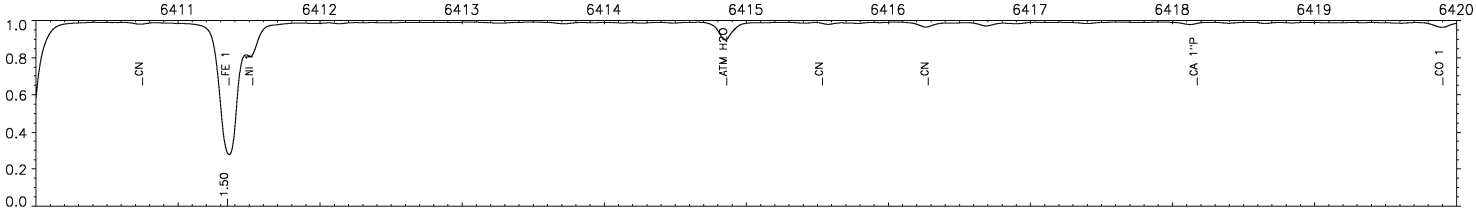
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0.4
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CN
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NI
ATM H2O
CN
CN
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CO 1
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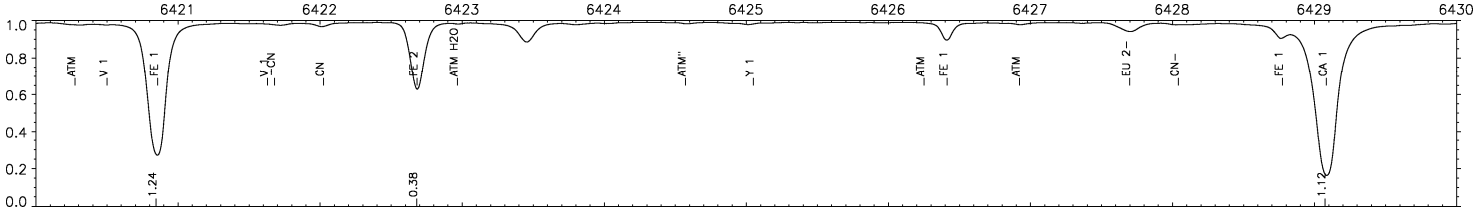
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V 1
CN
CN
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ATM"
Y 1
ATM
FE 1
ATM
EU 2-
CN-
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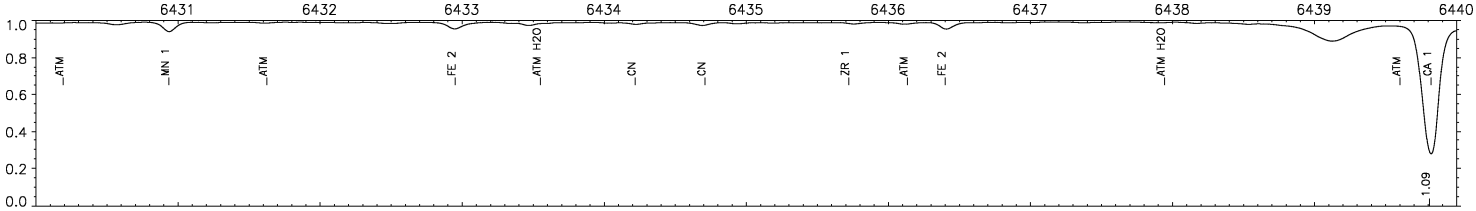
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ATM
FE 2
ATM H2O
CN
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ATM
FE 2
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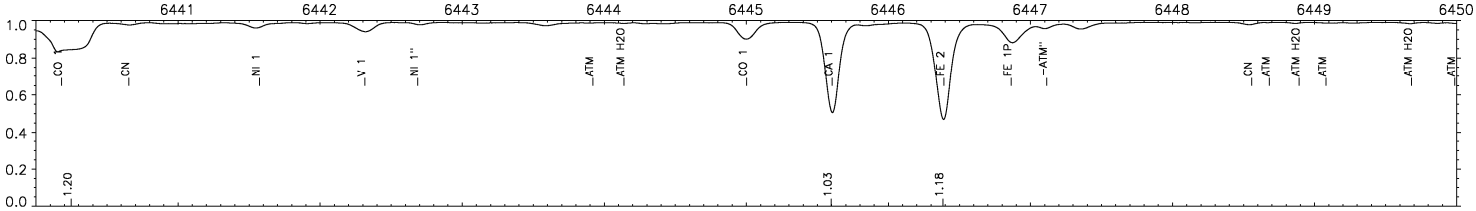
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CO
CN
NI 1
V 1
NI 1"
ATM
ATM H2O
CO 1
CA 1
FE 2
FE 1P
ATM"
CN
ATM
ATM H2O
ATM
ATM H2O
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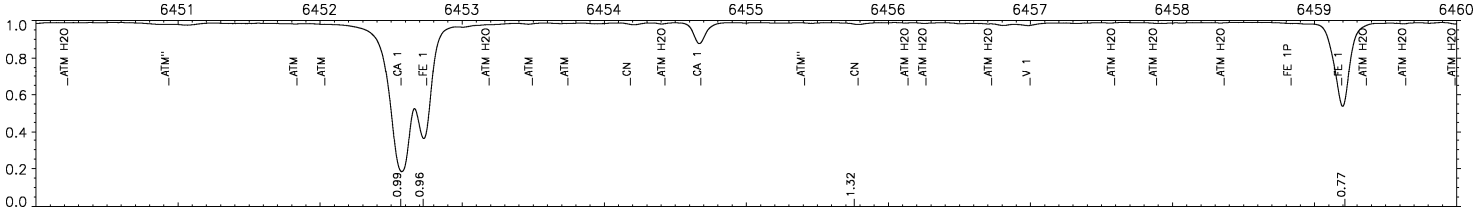
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ATM
ATM
CA 1
FE 1
ATM H2O
ATM
ATM
CN
ATM H2O
CA 1
ATM"
CN
ATM H2O
ATM H2O
ATM H2O
V 1
ATM H2O
ATM H2O
ATM H2O
FE 1P
FE 1
ATM H2O
ATM H2O
ATM H2O
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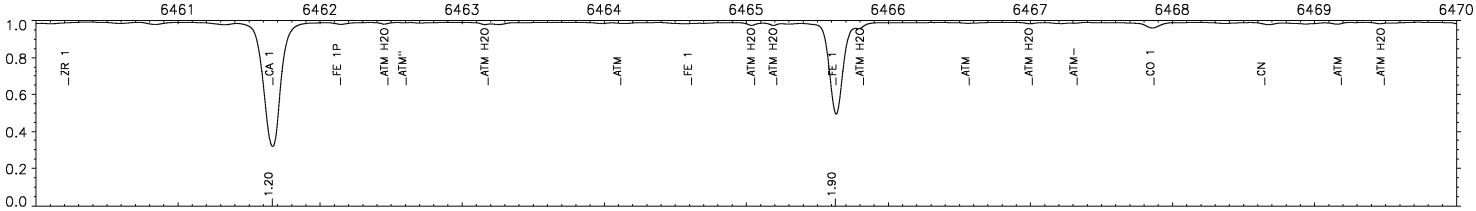
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CA 1
FE 1P
ATM H2O
ATM"
ATM H2O
ATM
FE 1
ATM H2O
ATM H2O
FE 1
ATM H2O
ATM
ATM H2O
ATM-
CO 1
CN
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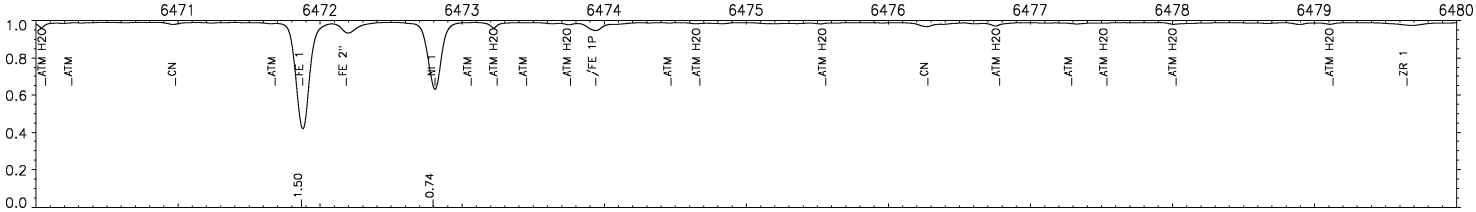
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0.6
0.4
0.2
0.0
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ATM
CN
ATM
FE 1
FE 2"
NI 1
ATM
ATM H2O
ATM
ATM H2O
/FE 1P
ATM
ATM H2O
ATM H2O
CN
ATM H2O
ATM
ATM H2O
ATM H2O
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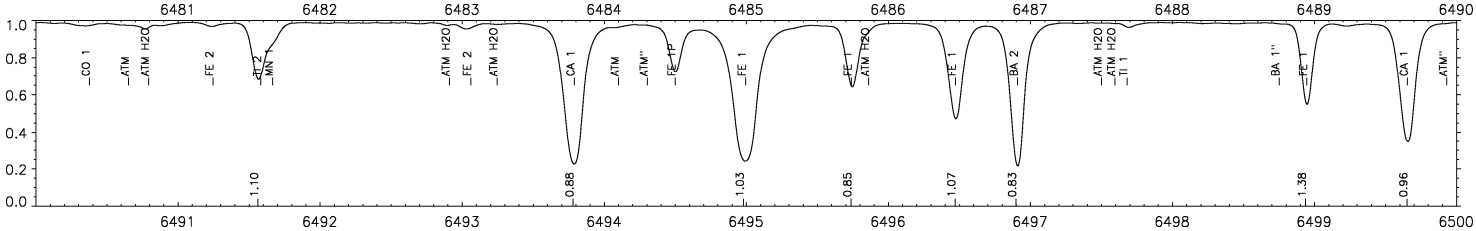
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0.2
0.0
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ATM
ATM H2O
FE 2
AL 2
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FE 2
ATM H2O
CA 1
ATM
ATM"
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FE 1
BA 2
ATM H2O
ATM H2O
TI 1
BA 1"
FE 1
CA 1
ATM"
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1.03
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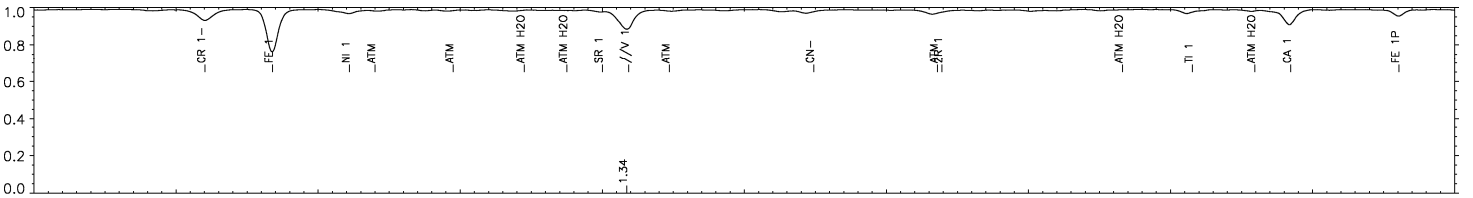
CR 1-
FE
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ATM
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ATM H2O
SR 1
//V 1
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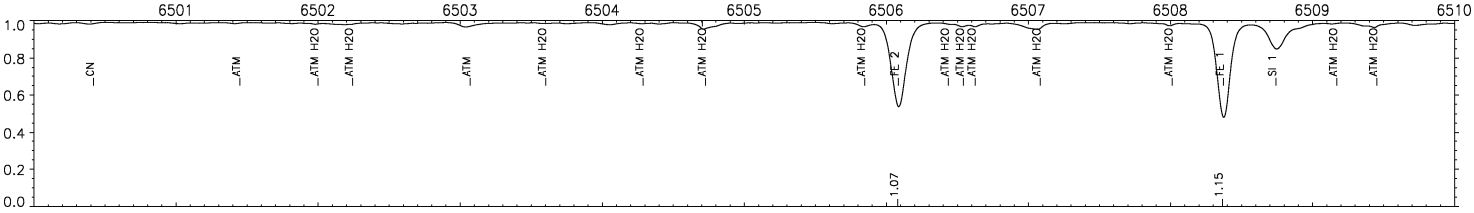
CN
ATM
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ATM H2O
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ATM H2O
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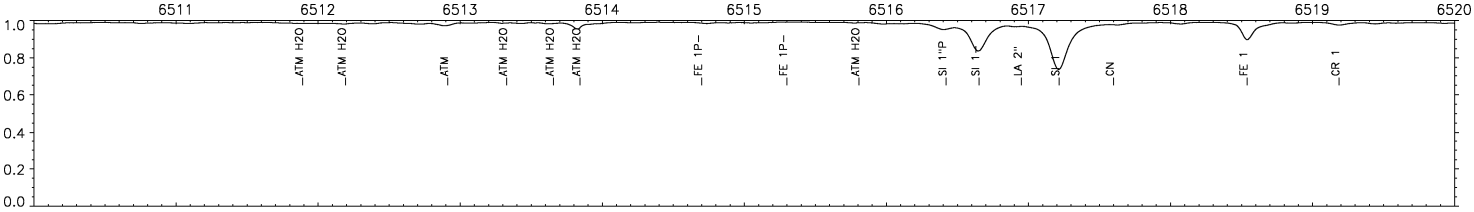
ATM H2O
ATM H2O
ATM
ATM H2O
ATM H2O
ATM H2O
FE 1P-
FE 1P-
ATM H2O
SI 1"P
SI 1
LA 2"
SC 1
CN
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CR 1
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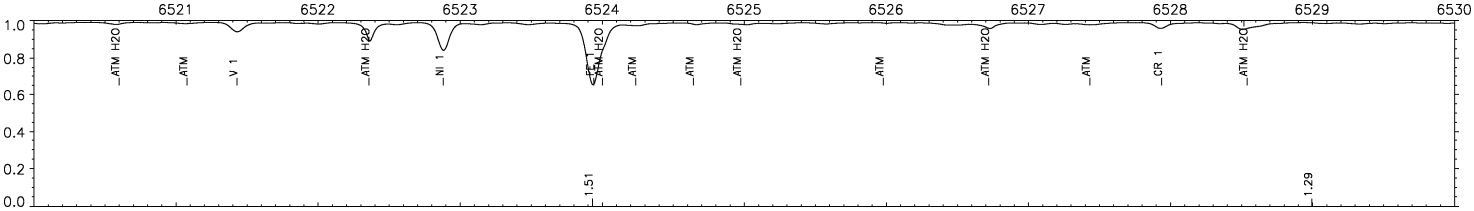
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ATM
V 1
ATM H2O
NI 1
ATM H2O
ATM
ATM
ATM H2O
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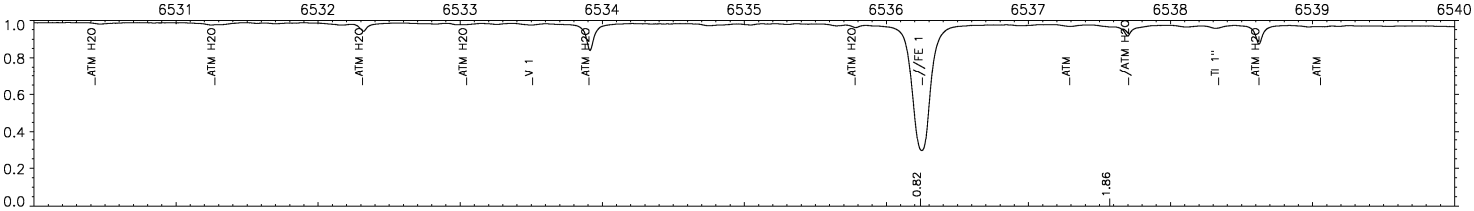
ATM H2O
ATM H2O
ATM H2O
ATM H2O
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ATM H2O
ATM H2O
//FE 1
ATM
/ATM H2O
TI 1"
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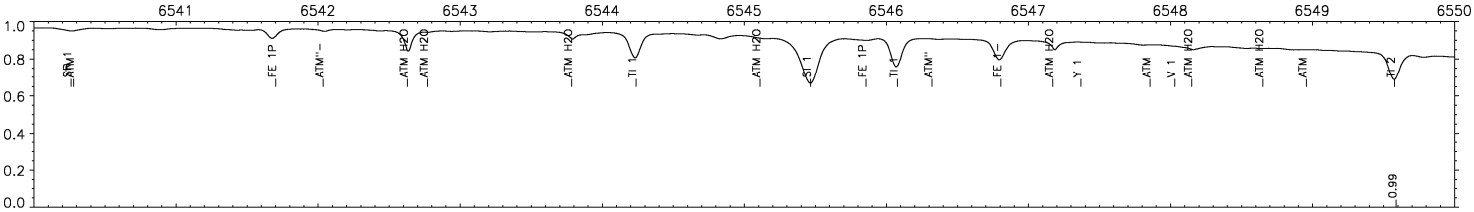
SR 1
FE 1P
ATM"-
ATM H2O
ATM H2O
ATM H2O
TI 1
ATM H2O
SI 1
FE 1P
TI 1
ATM"
FE 1
ATM H2O
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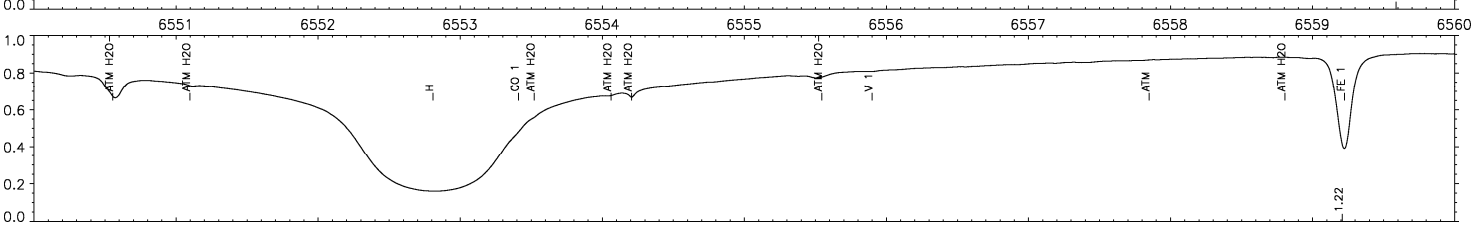
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H
CO 1
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ATM H2O
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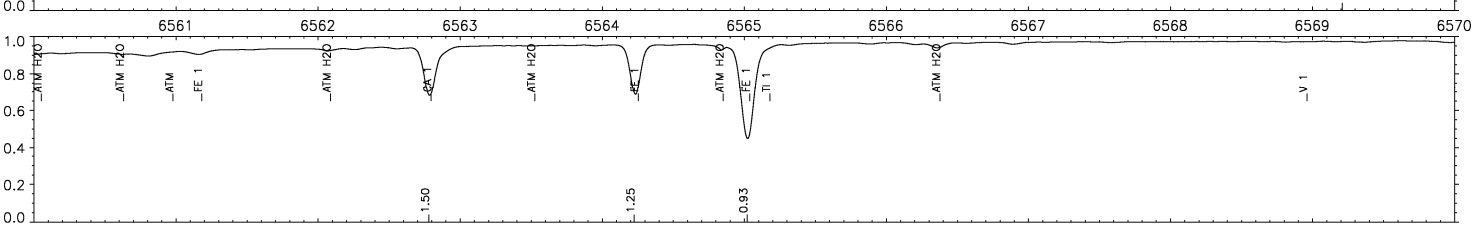
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ATM
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CA 1
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ATM H2O
FE 1
TI 1
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V 1
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1.25
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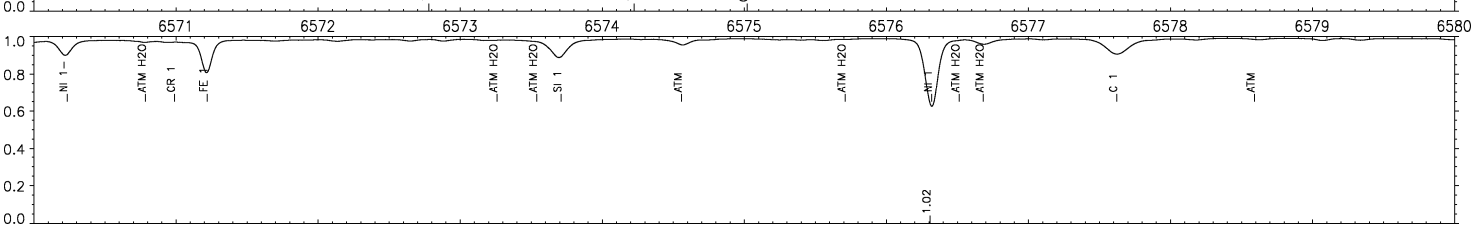
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CR 1
FE
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ATM H2O
SI 1
ATM
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TI 1
ATM H2O
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C 1
ATM
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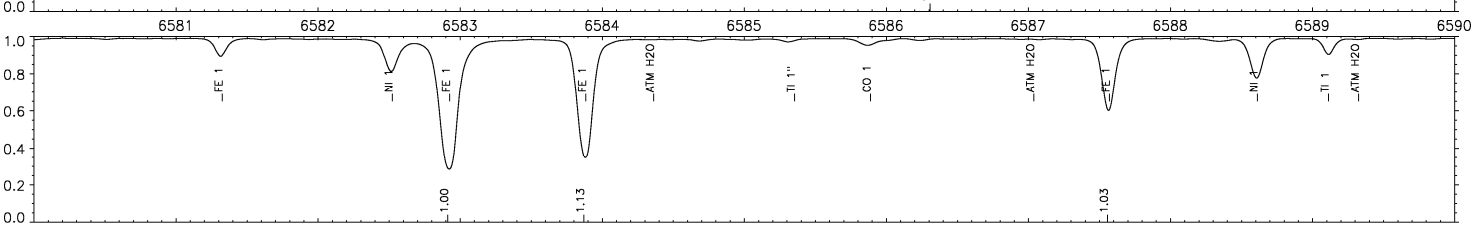
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FE 1
FE 1
ATM H2O
TI 1"
CO 1
ATM H2O
FE 1
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TI 1
ATM H2O
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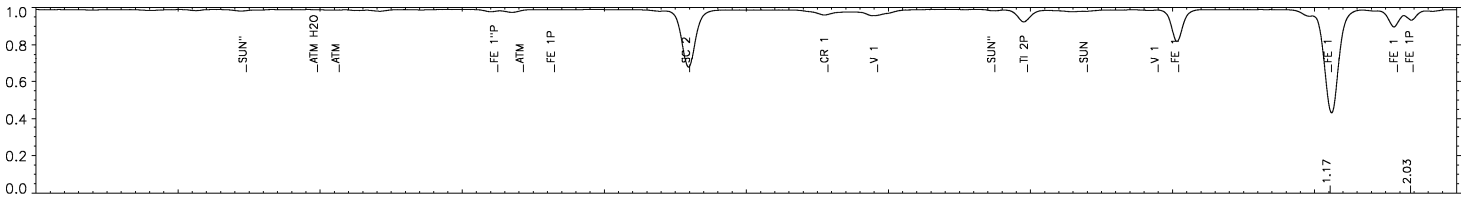
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ATM
FE 1''P
ATM
FE 1P
SC 2
CR 1
V 1
SUN''
TI 2P
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FE 1
FE 1
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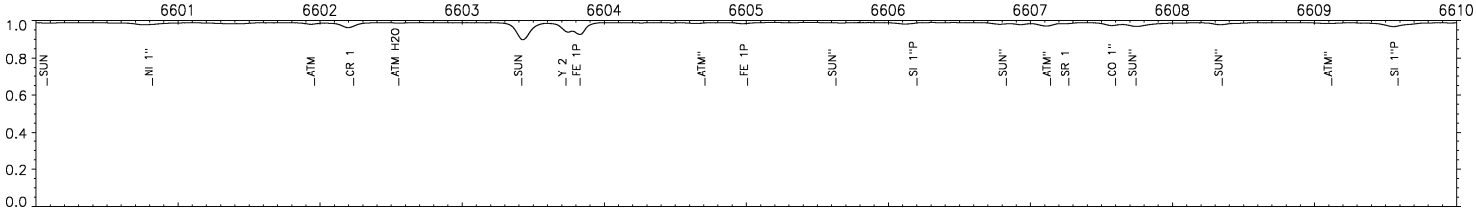
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Y 2
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ATM''
FE 1P
SUN''
SI 1''P
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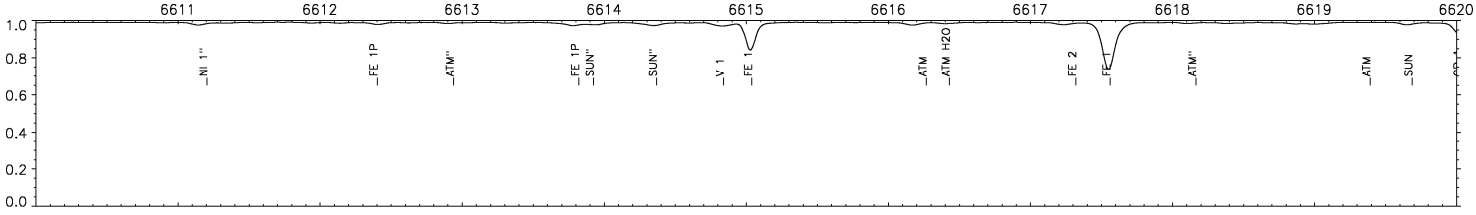
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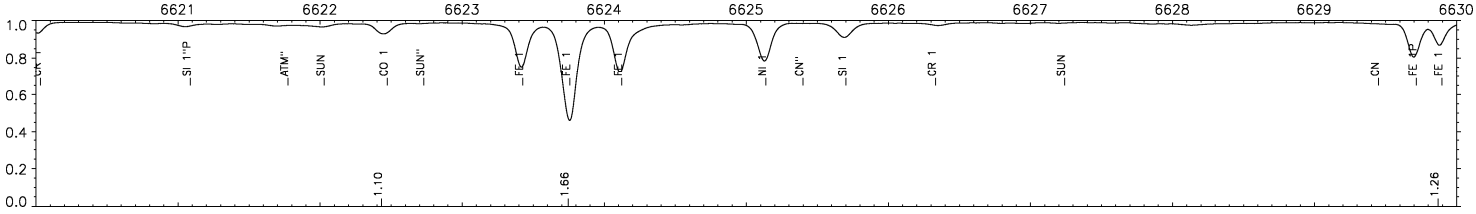
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FE 1
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CN''
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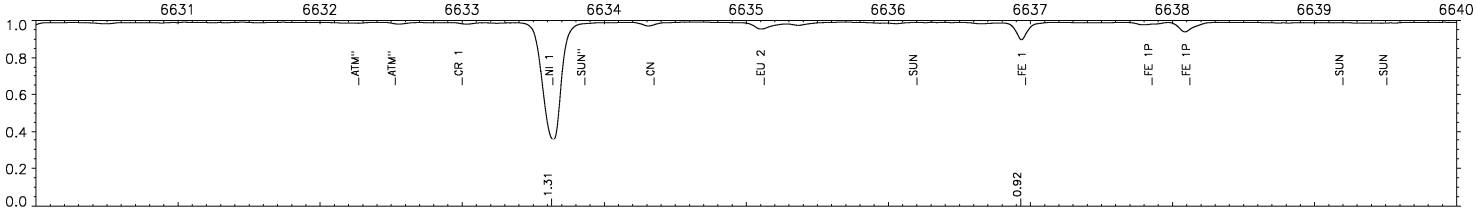
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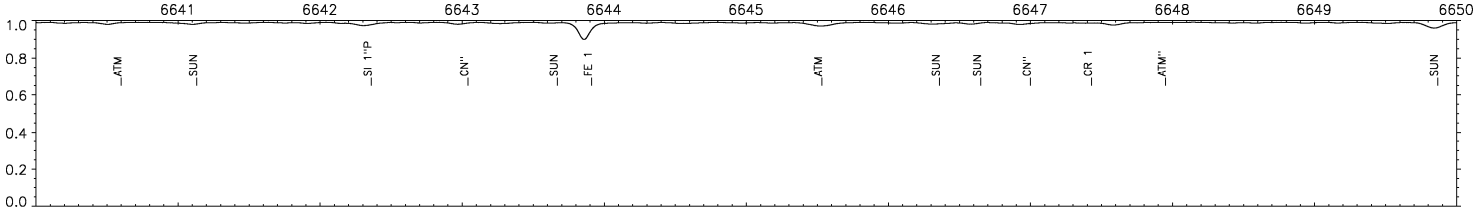
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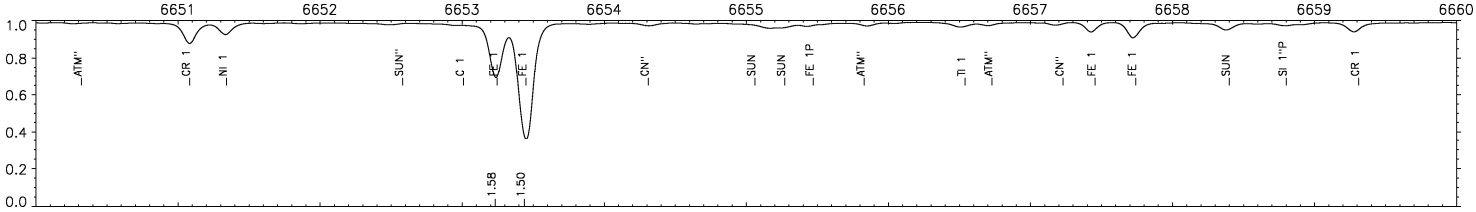
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NI 1
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C 1
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CN''
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ATM''
TI 1
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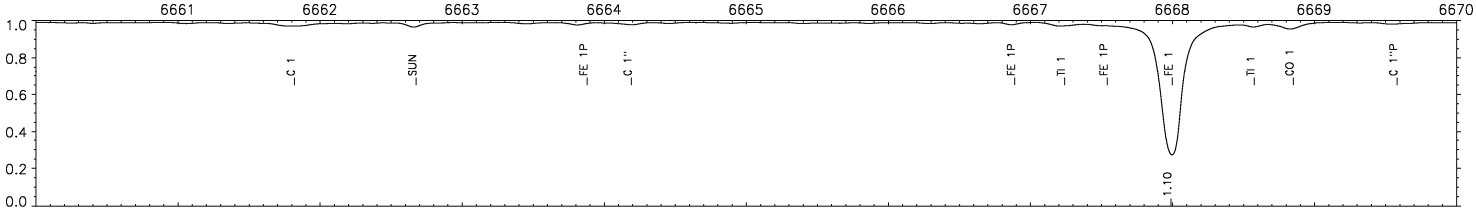
C 1
SUN
FE 1P
C 1''
FE 1P
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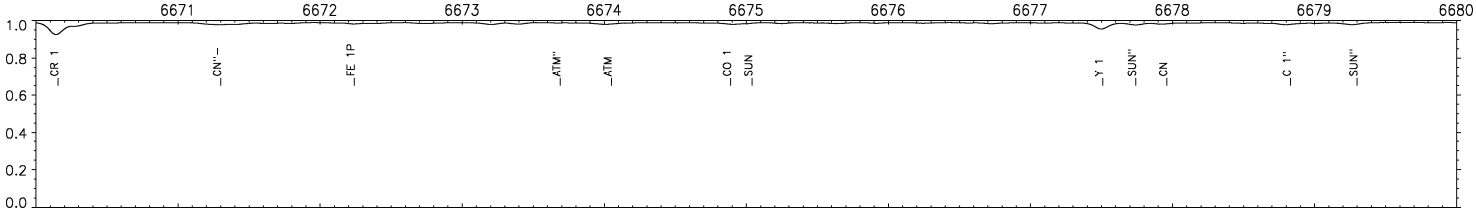
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FE 1P
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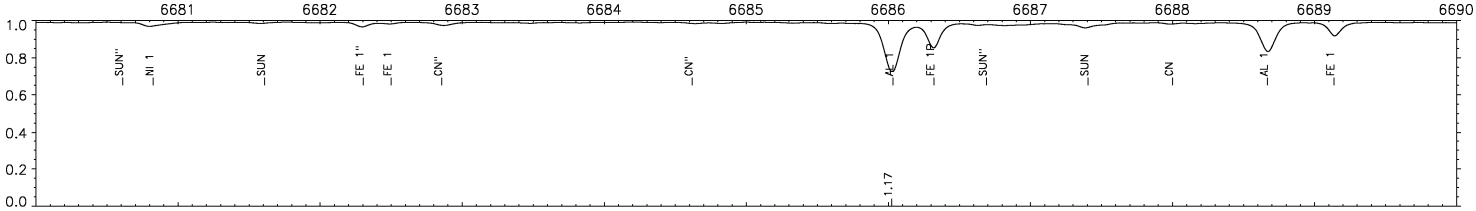
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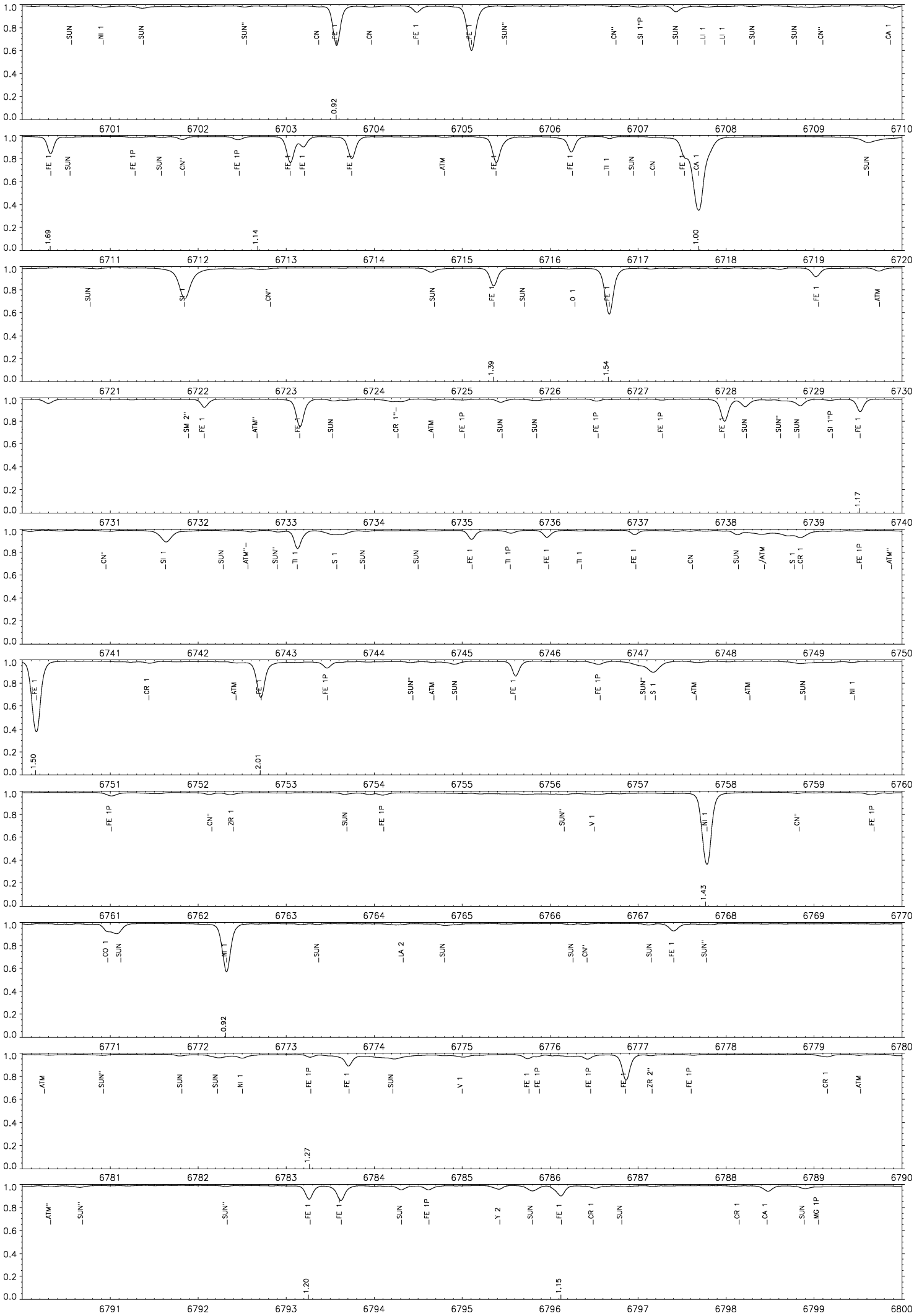
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FE 1 SUN FE 1P SUN CN'' FE 1P FE 1 FE 1 FE 1 ATM FE 1 FE 1 TI 1 SUN CN FE 1 CA 1 SUN
1.69 1.14 1.00
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SUN SI 1 CN'' SUN FE 1 SUN O 1 FE 1 FE 1 ATM
1.39 1.54
6721 6722 6723 6724 6725 6726 6727 6728 6729 6730
SM 2'' FE 1 ATM'' FE 1 SUN CR 1''— ATM FE 1P SUN SUN FE 1P FE 1P FE 1 SUN SUN'' SUN SI 1''P FE 1
1.17
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CN'' SI 1 SUN ATM''— SUN'' TI 1 S 1 SUN SUN FE 1 TI 1P FE 1 TI 1 FE 1 CN SUN ATM S 1 CR 1 FE 1P ATM''
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FE 1 CR 1 ATM FE 1 FE 1P SUN'' ATM SUN FE 1 FE 1P SUN'' S 1 ATM ATM SUN NI 1
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CO 1 SUN NI 1 SUN LA 2 SUN SUN CN'' SUN FE 1 SUN''
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ATM SUN'' SUN SUN NI 1 FE 1P FE 1 SUN V 1 FE 1 FE 1P FE 1P FE 1 ZR 2'' FE 1P CR 1 ATM
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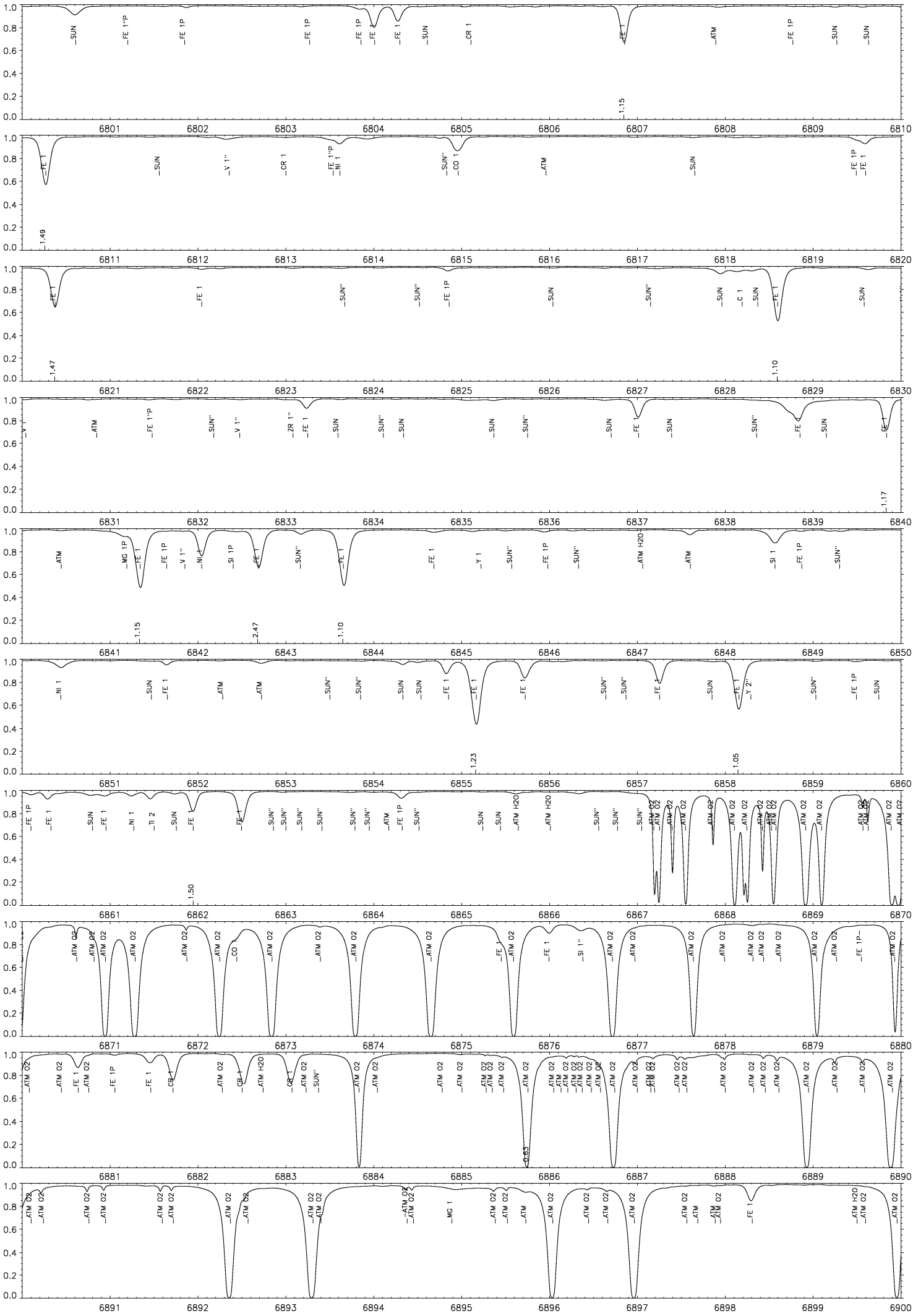
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FE 1 SUN V 1" CR 1 FE 1"P NI 1 SUN" CO 1 ATM SUN FE 1P FE 1
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FE 1 FE 1 SUN" SUN" FE 1P SUN SUN" SUN C 1 SUN FE 1 SUN
1.47
1.10
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V ATM FE 1"P SUN" V 1" ZR 1" FE 1 SUN SUN" SUN SUN SUN" SUN FE 1 SUN SUN" FE 1 SUN FE 1
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2.47
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FE 1P FE 1 SUN FE 1 NI 1 TI 2 SUN FE 1 FE SUN" SUN" SUN" SUN" SUN" SUN" ATM FE 1P SUN" SUN SUN ATM H2O ATM H2O SUN" SUN" SUN" ATM O2 ATM O2 ATM O2 ATM O2 ATM O2 ATM O2 ATM O2 ATM O2 ATM O2 ATM O2 ATM O2 ATM O2 ATM O2 ATM O2 ATM O2
1.50
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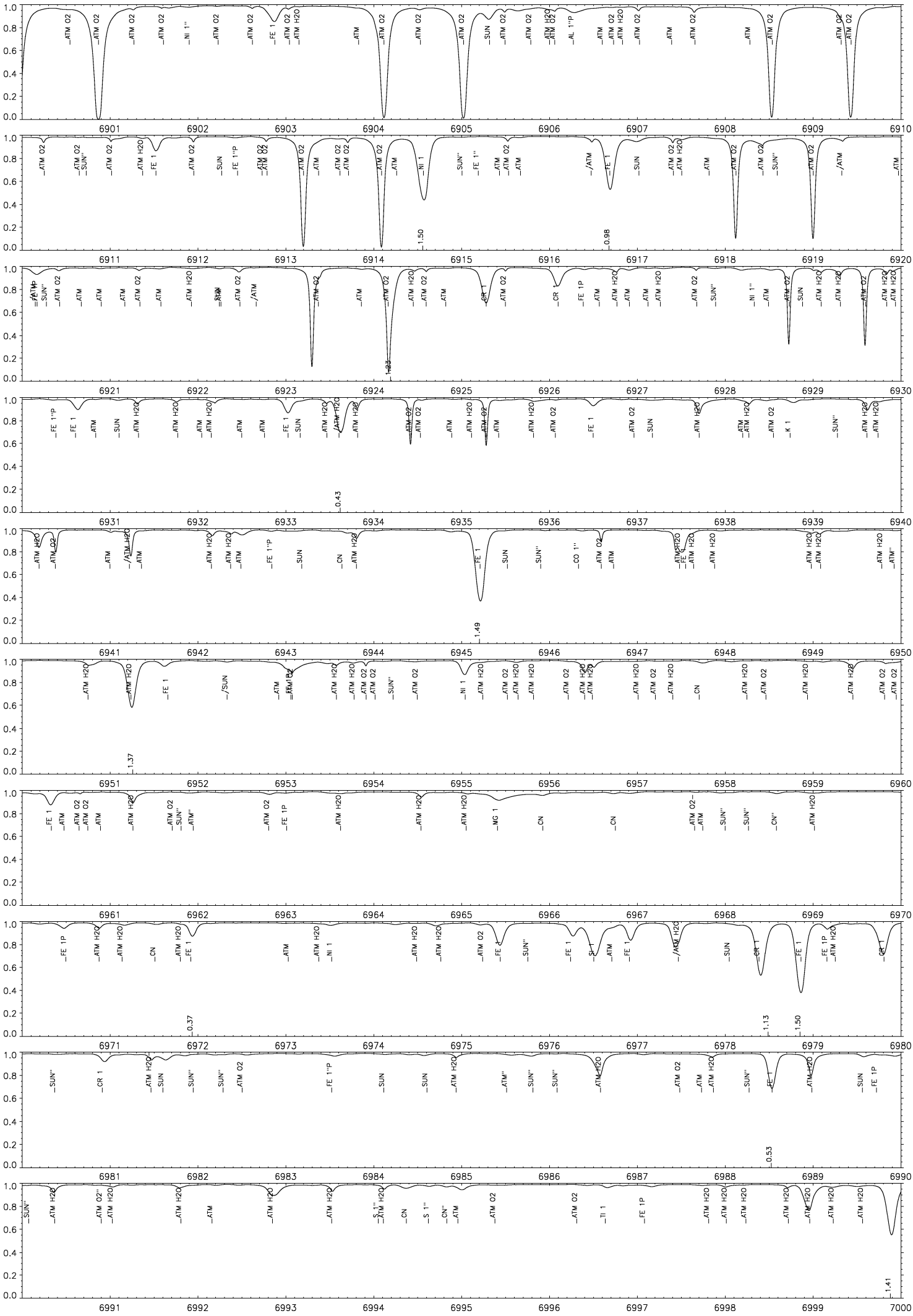
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1.33
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1.37
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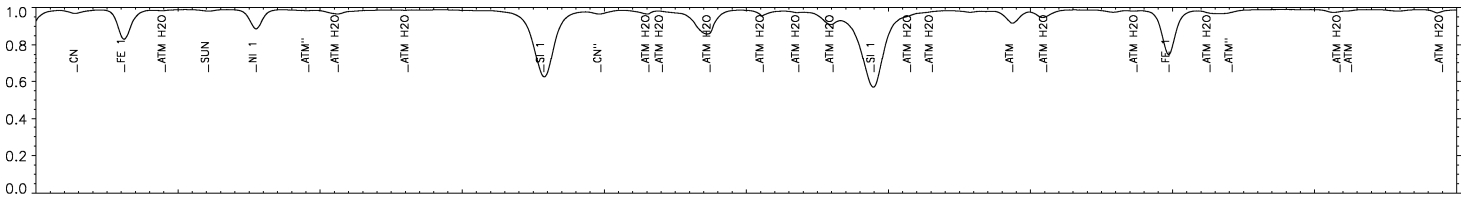
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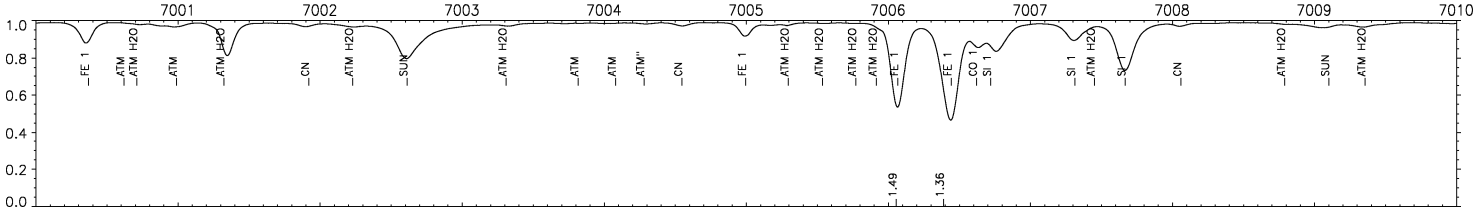
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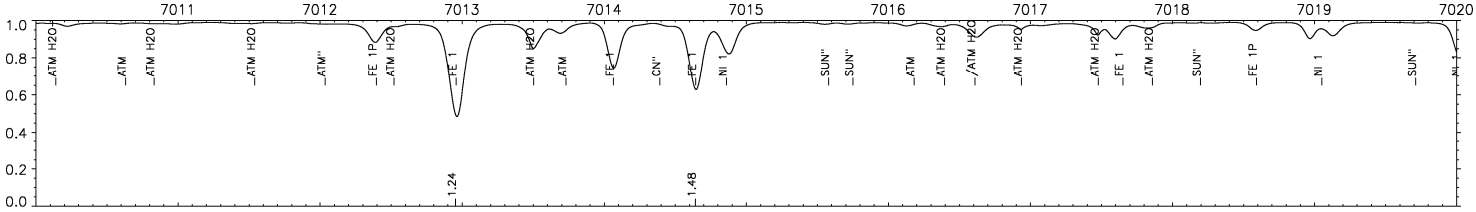
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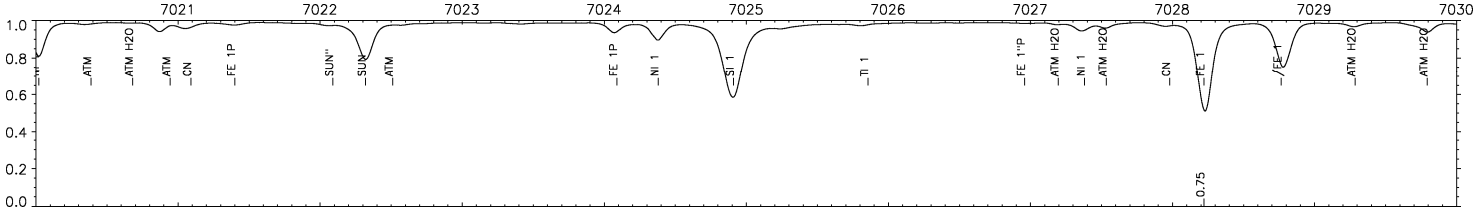
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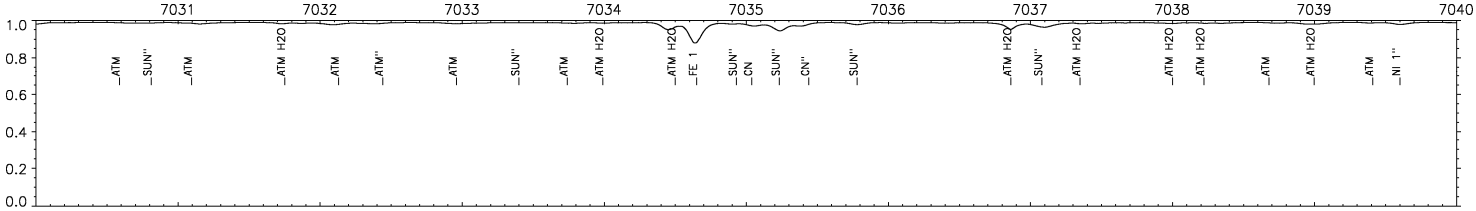
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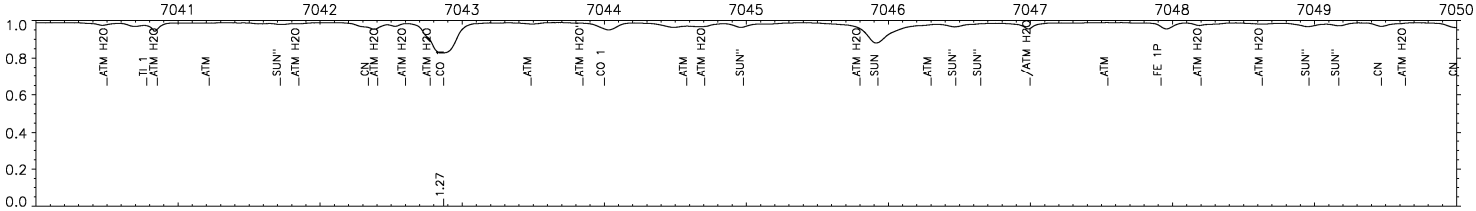
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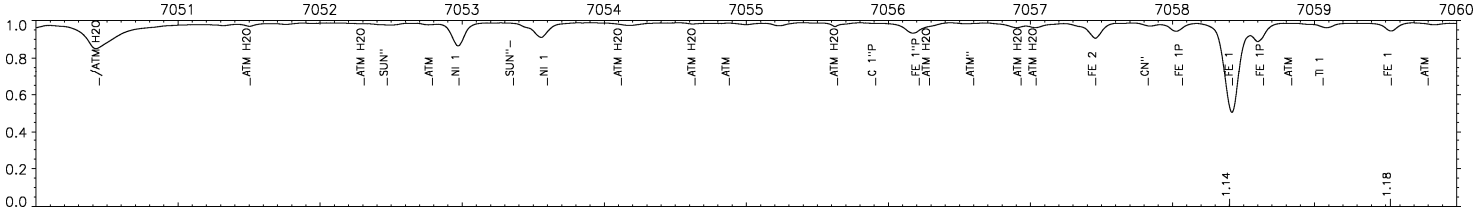
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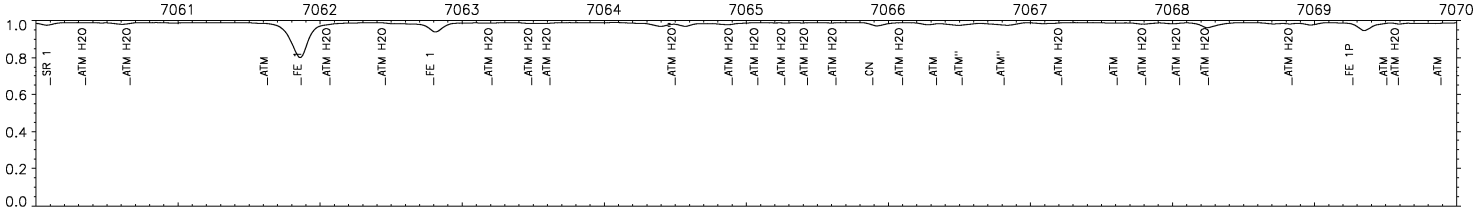
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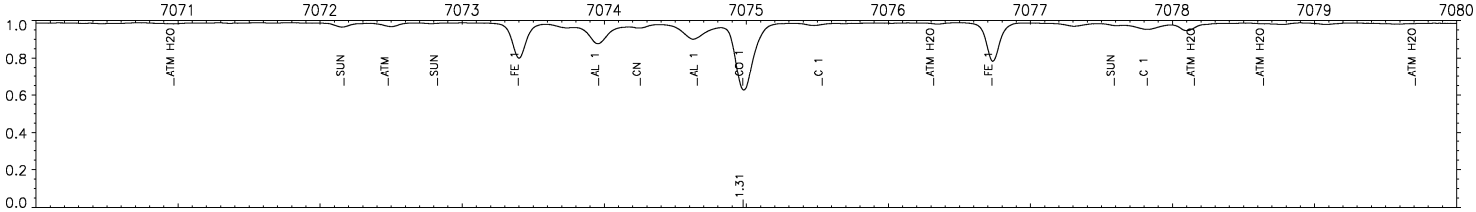
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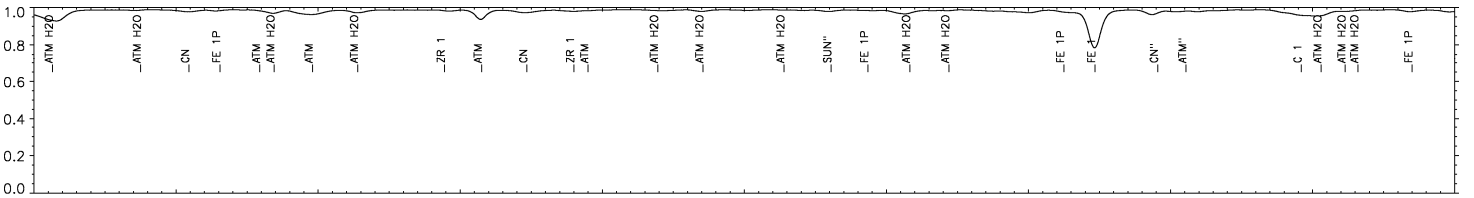
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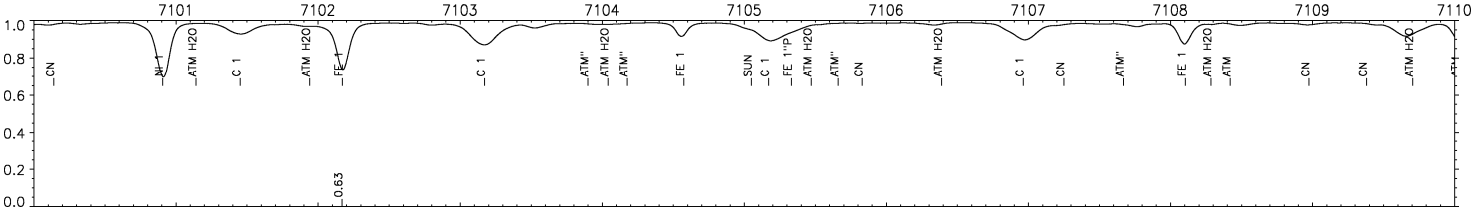
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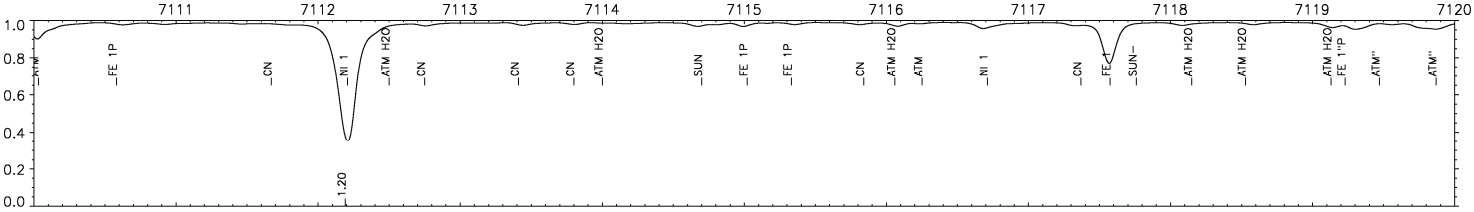
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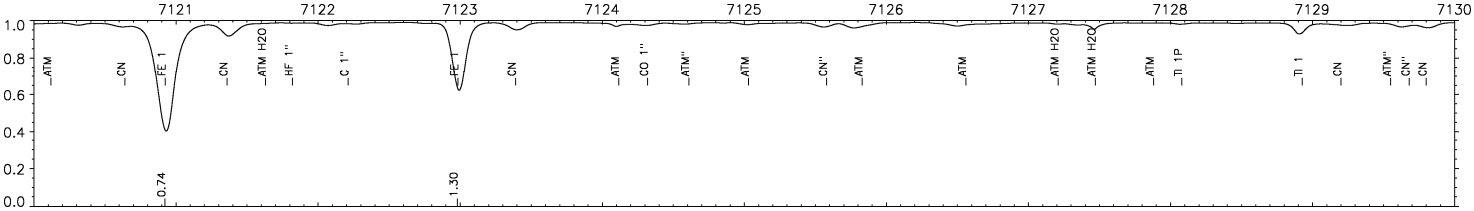
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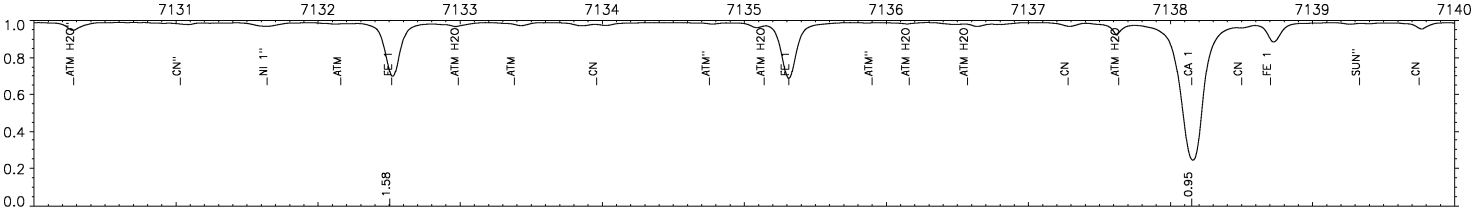
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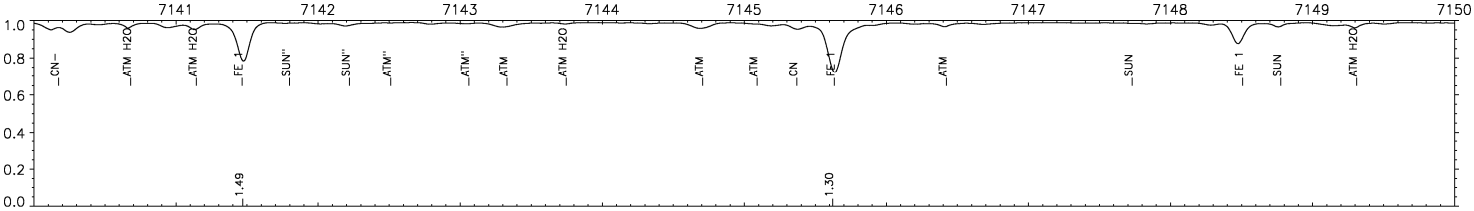
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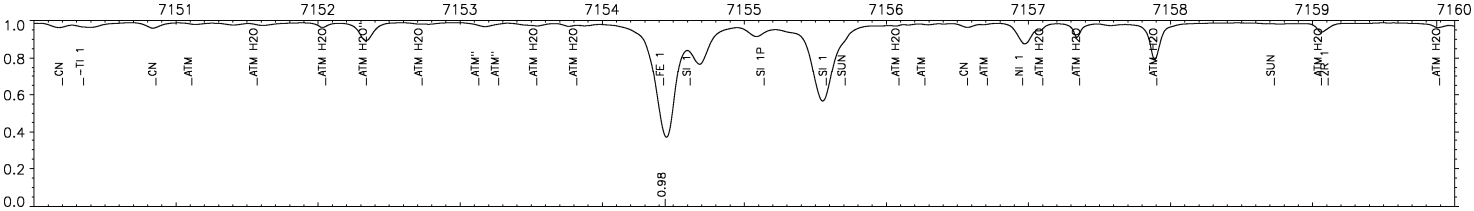
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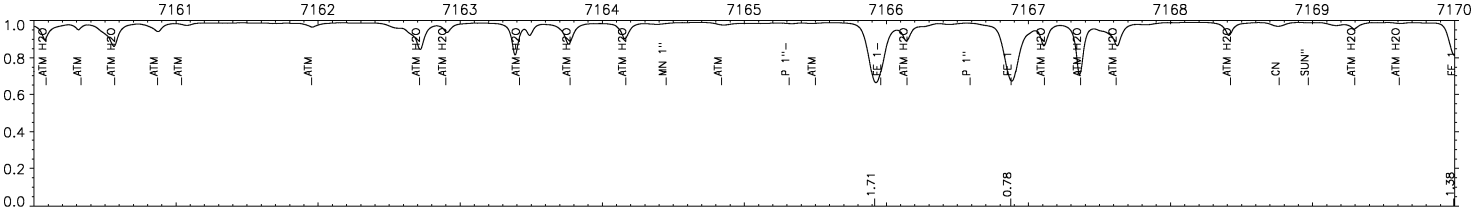
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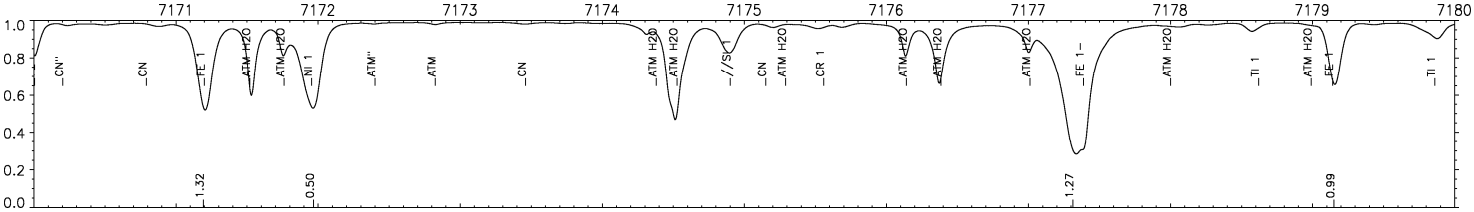
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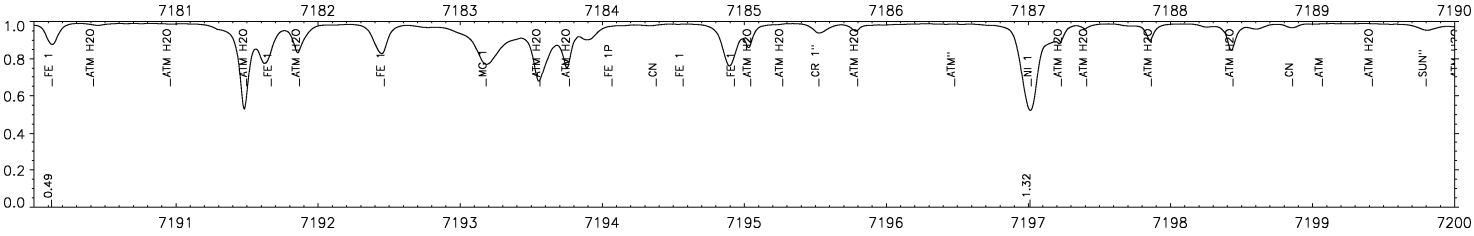
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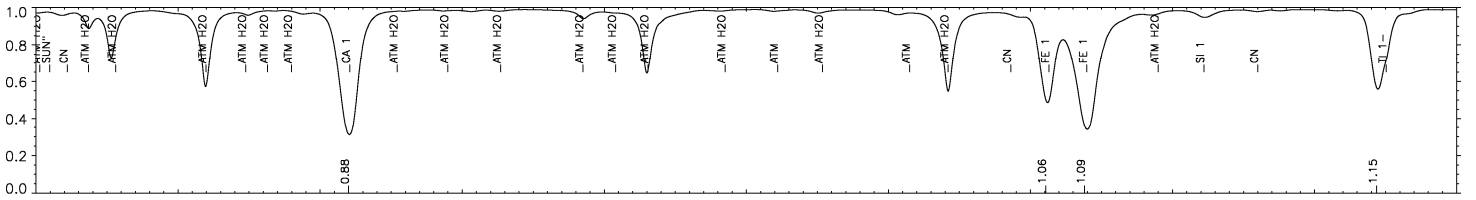
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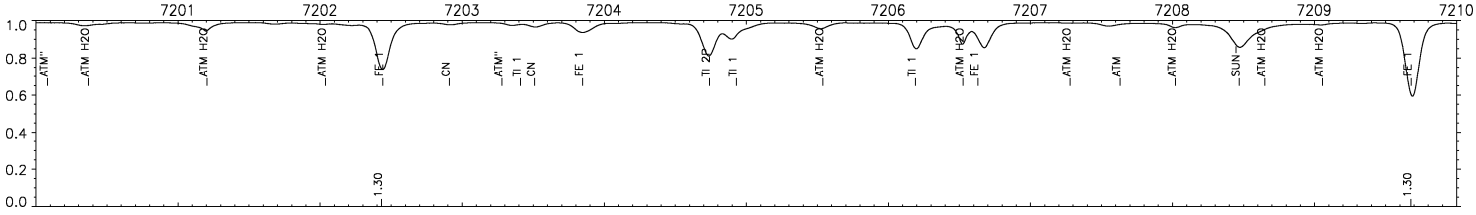
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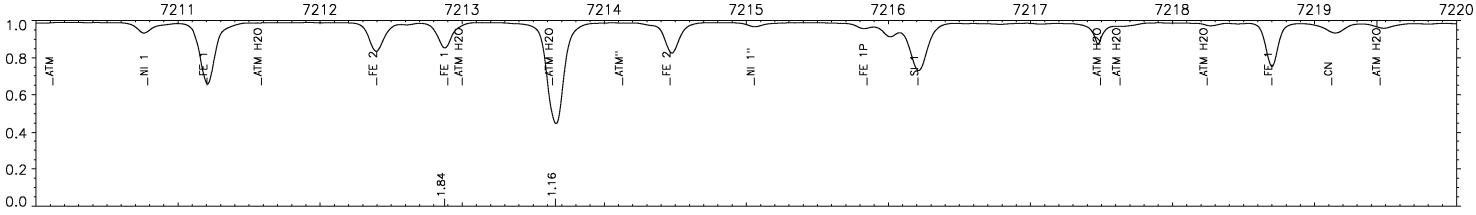
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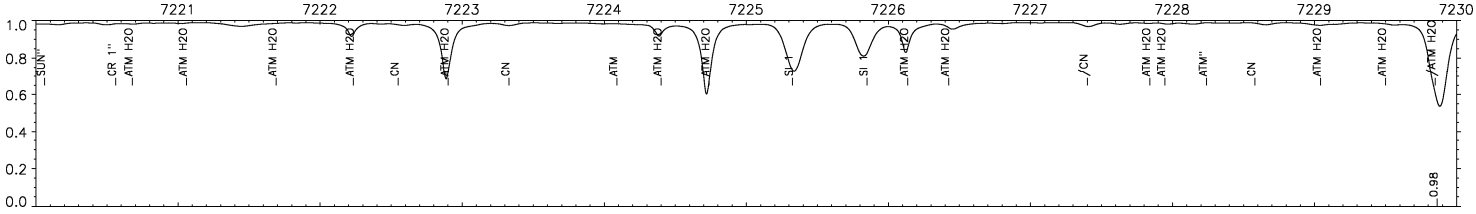
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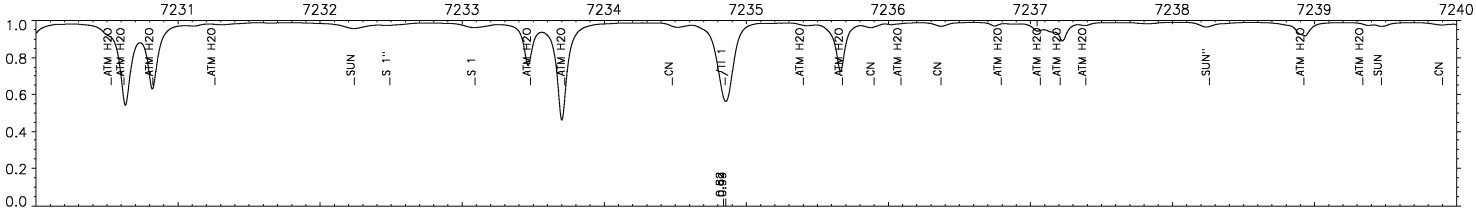
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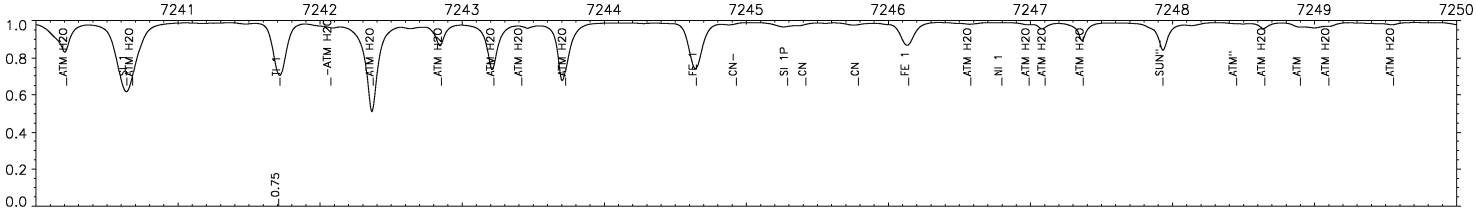
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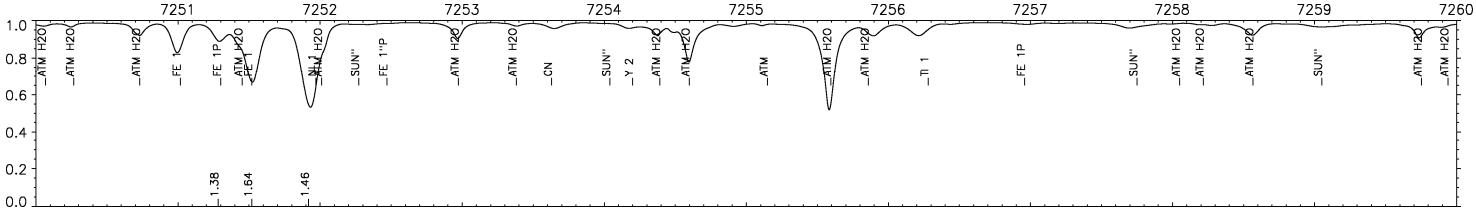
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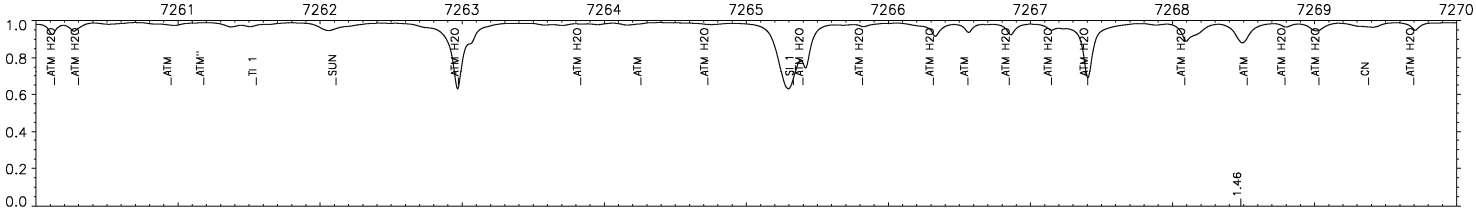
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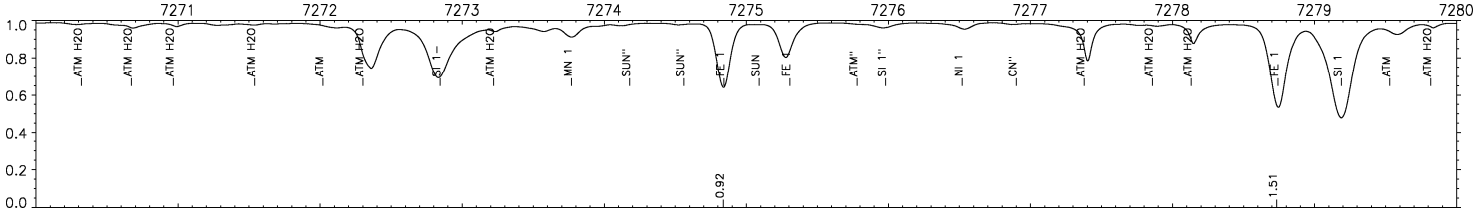
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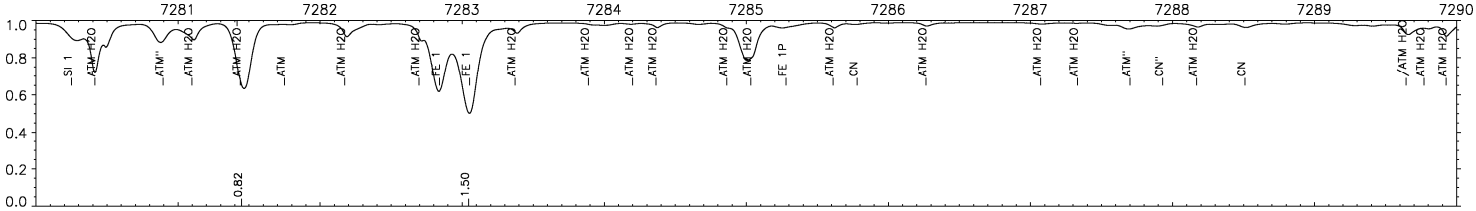
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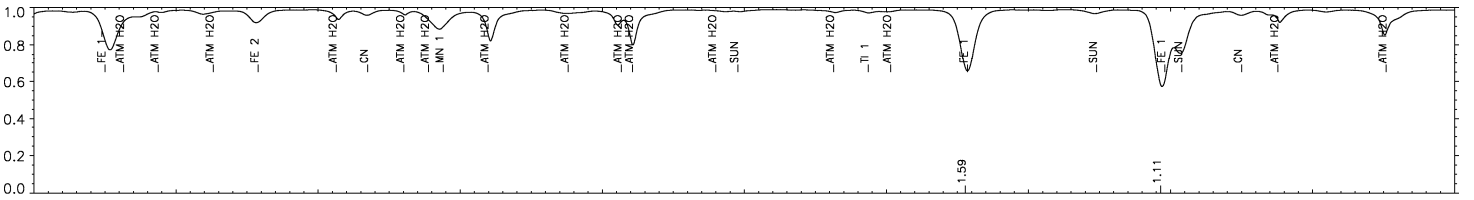
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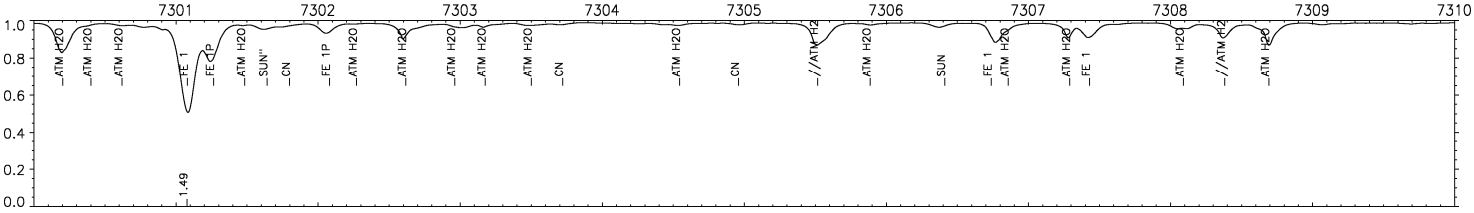
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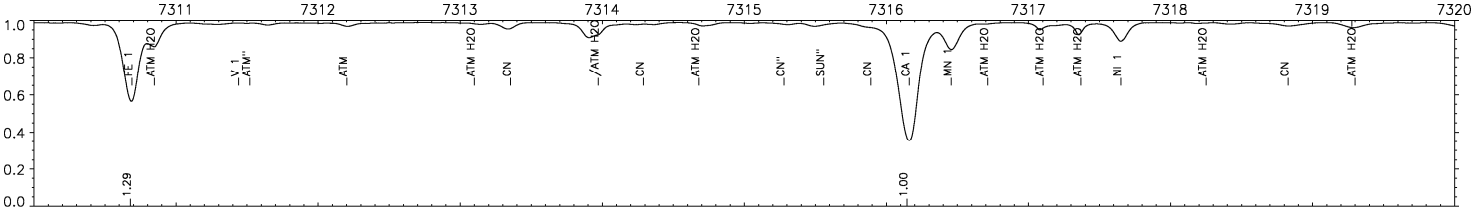
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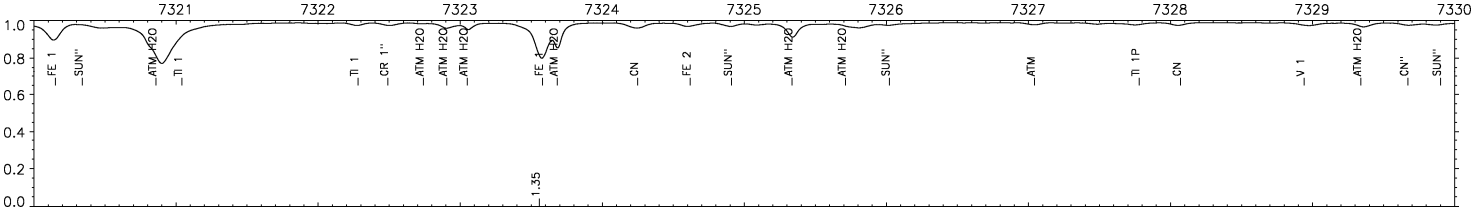
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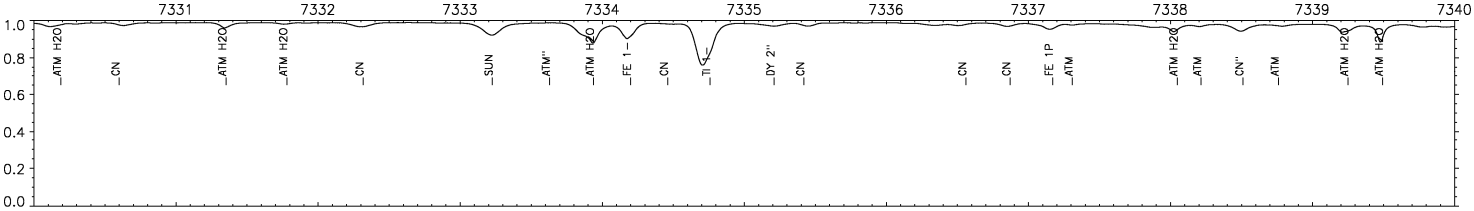
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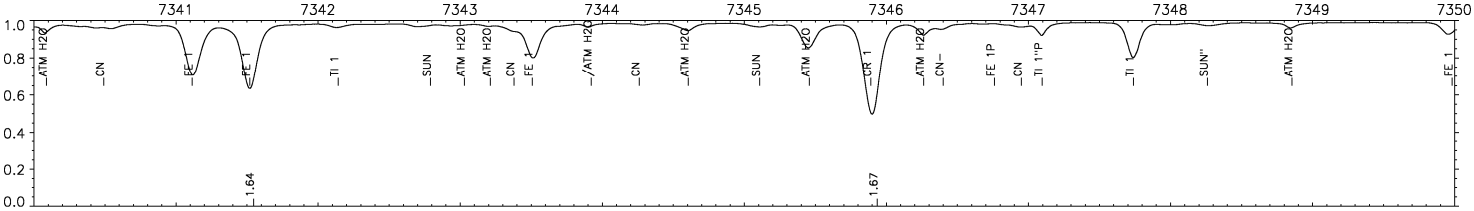
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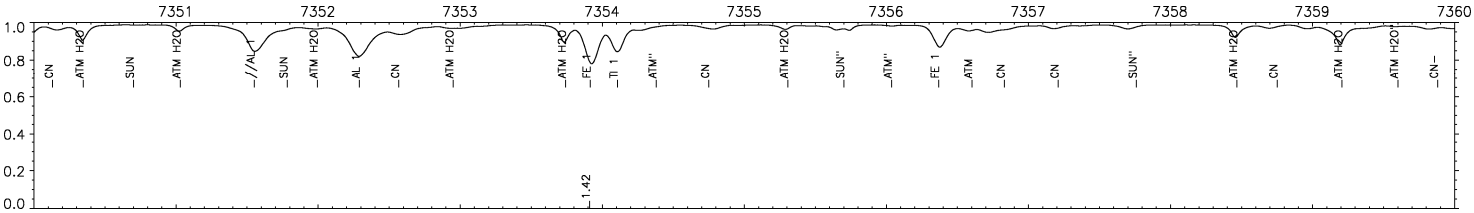
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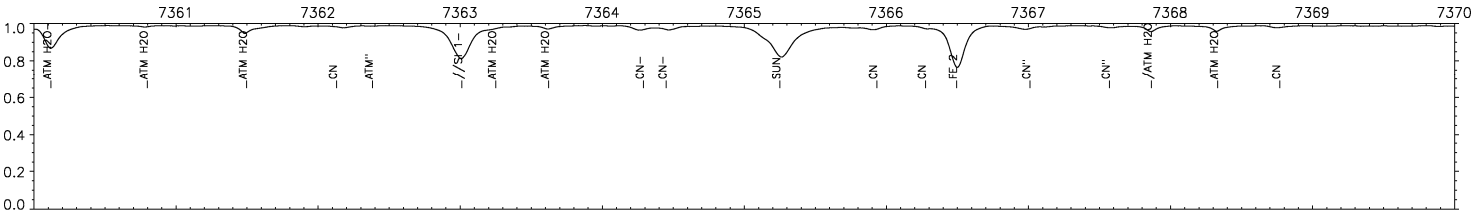
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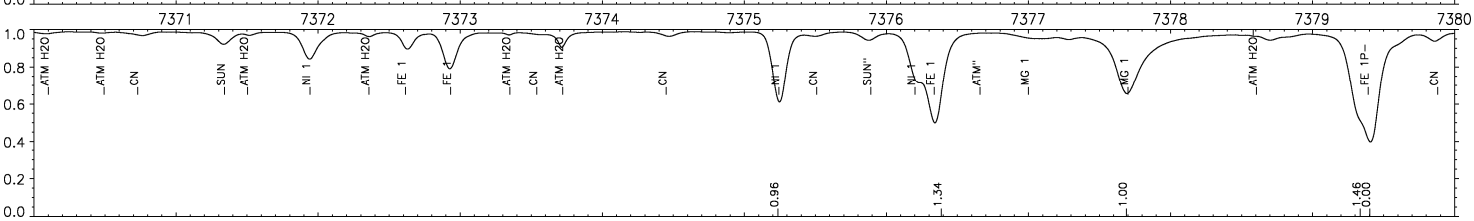
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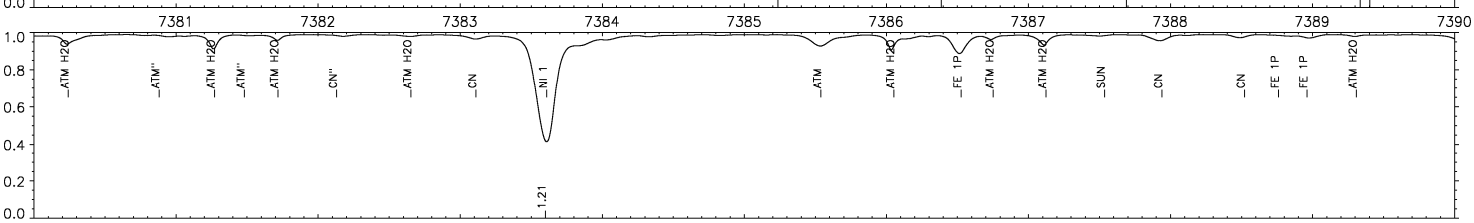
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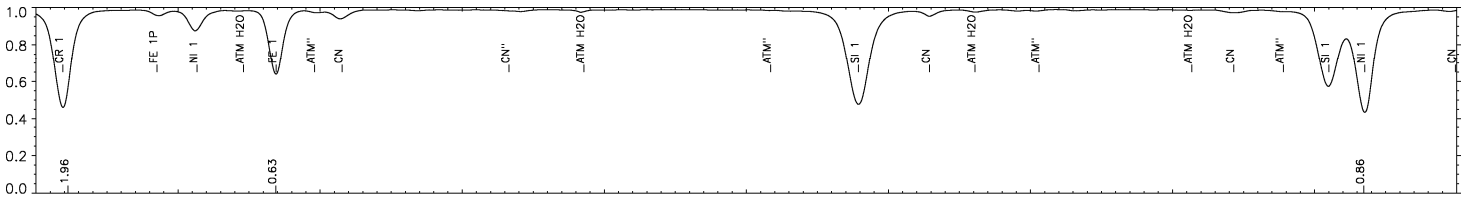
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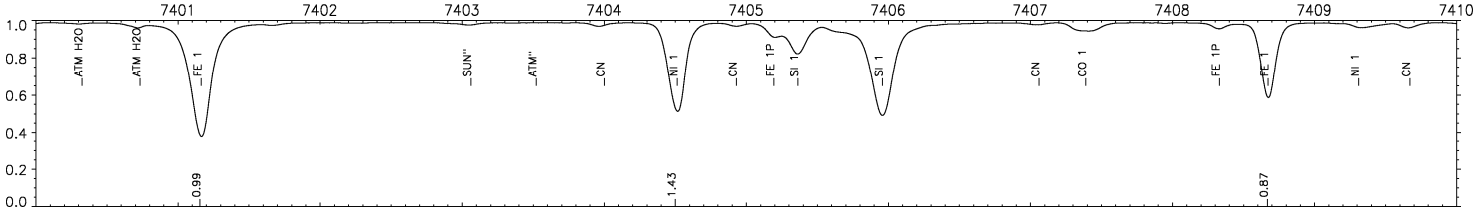
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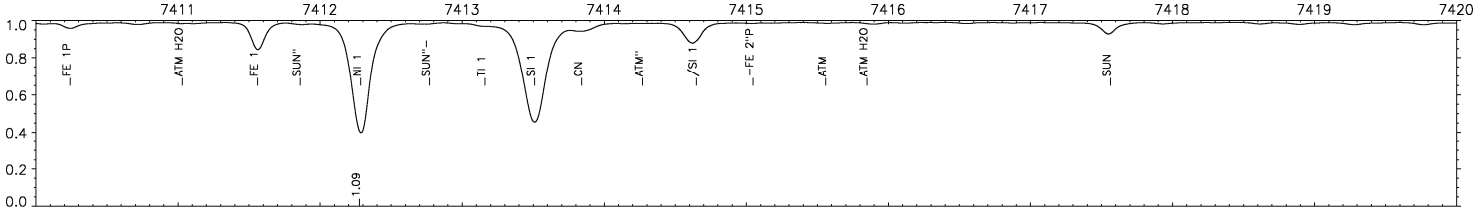
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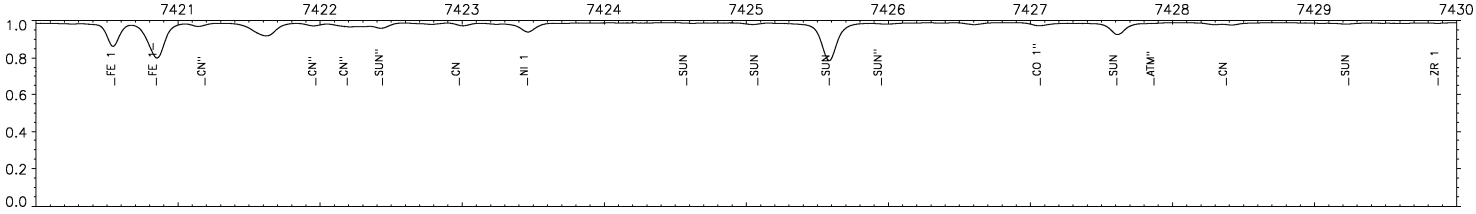
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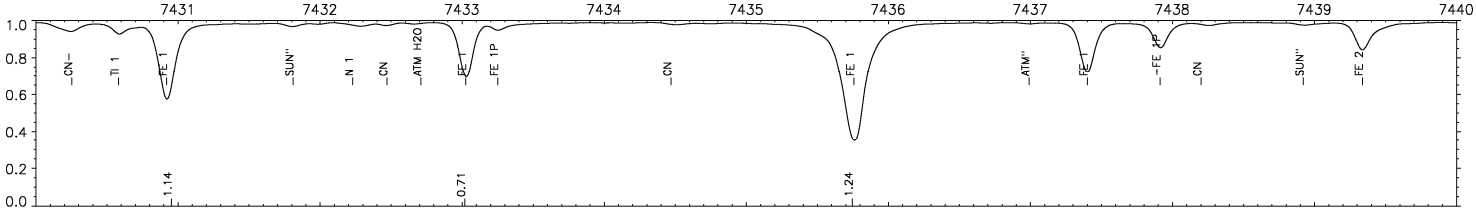
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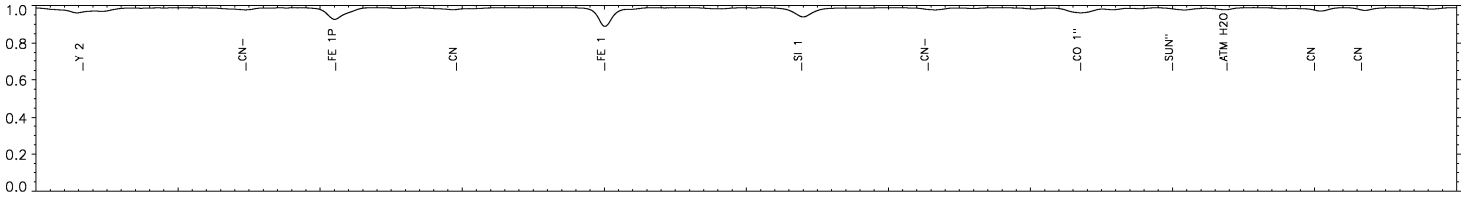
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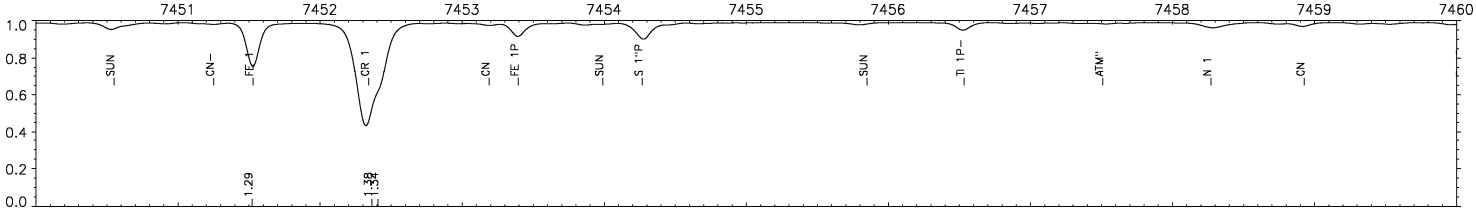
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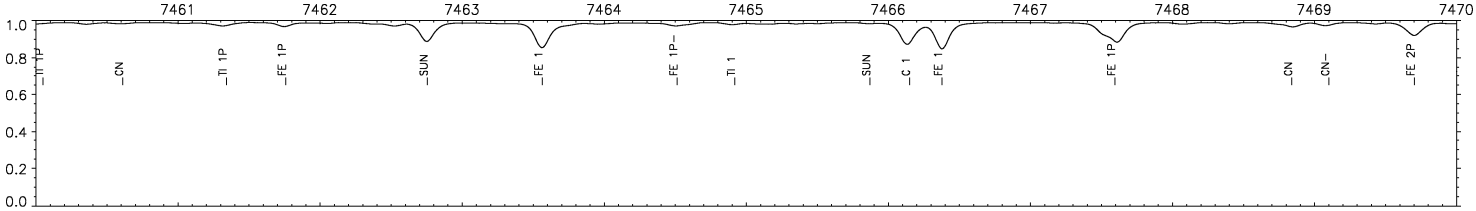
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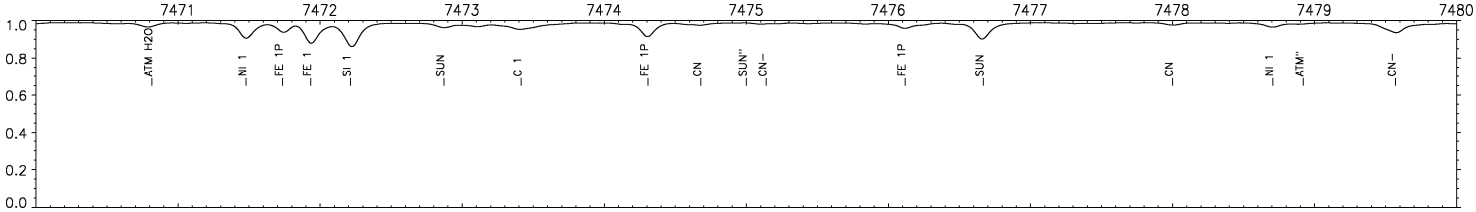
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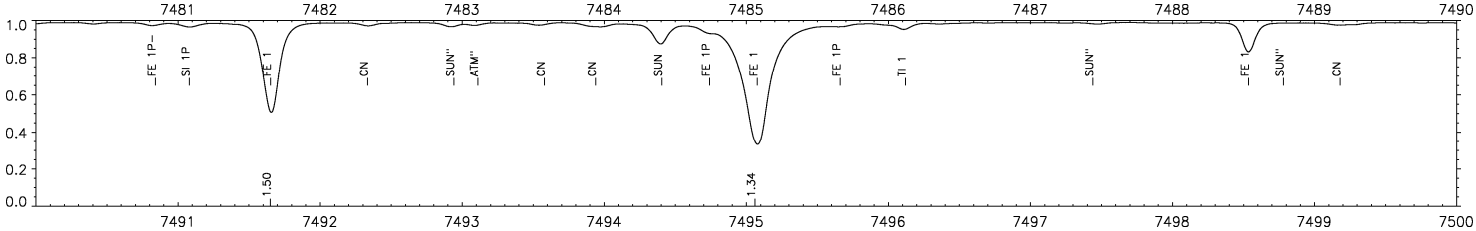
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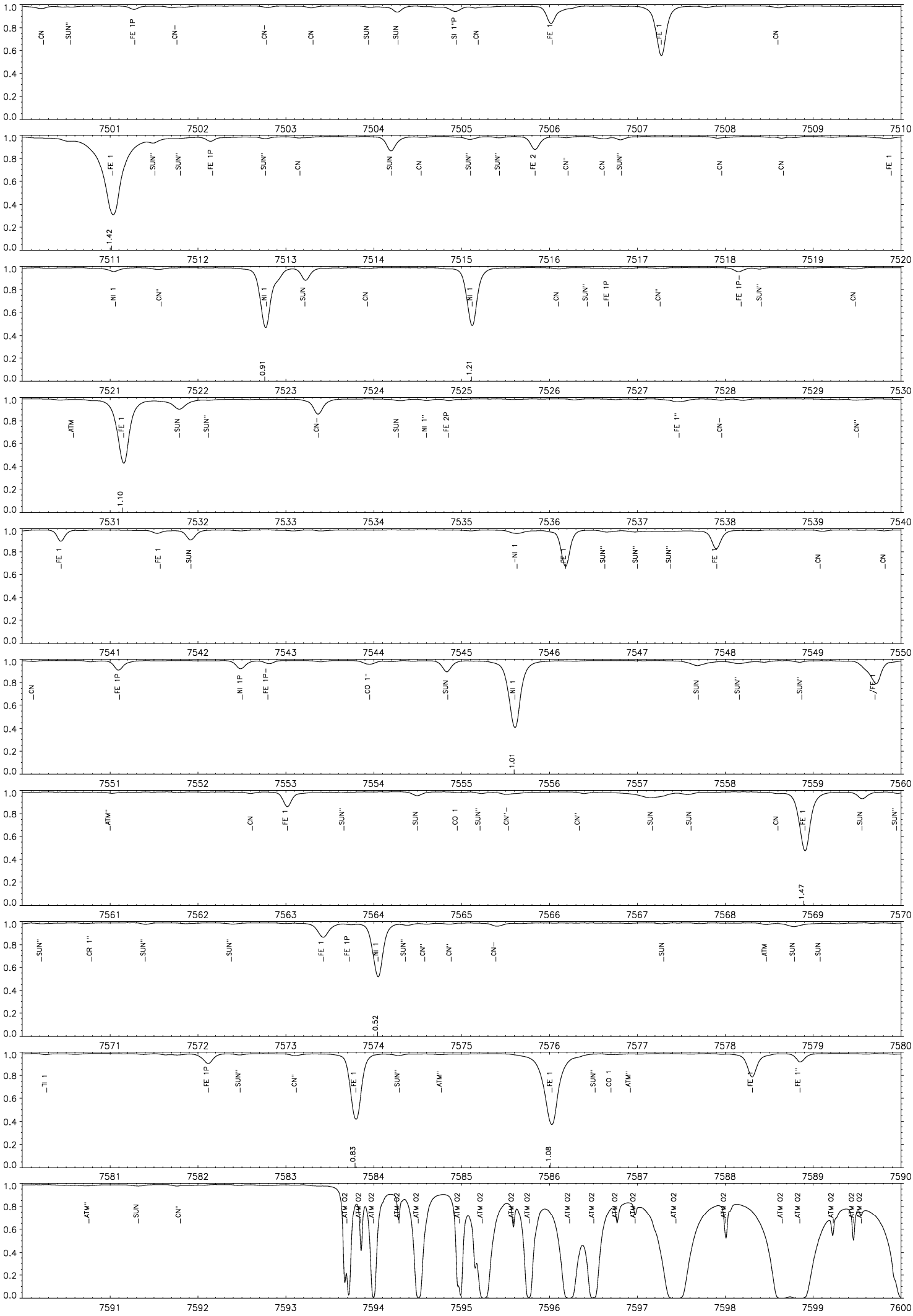
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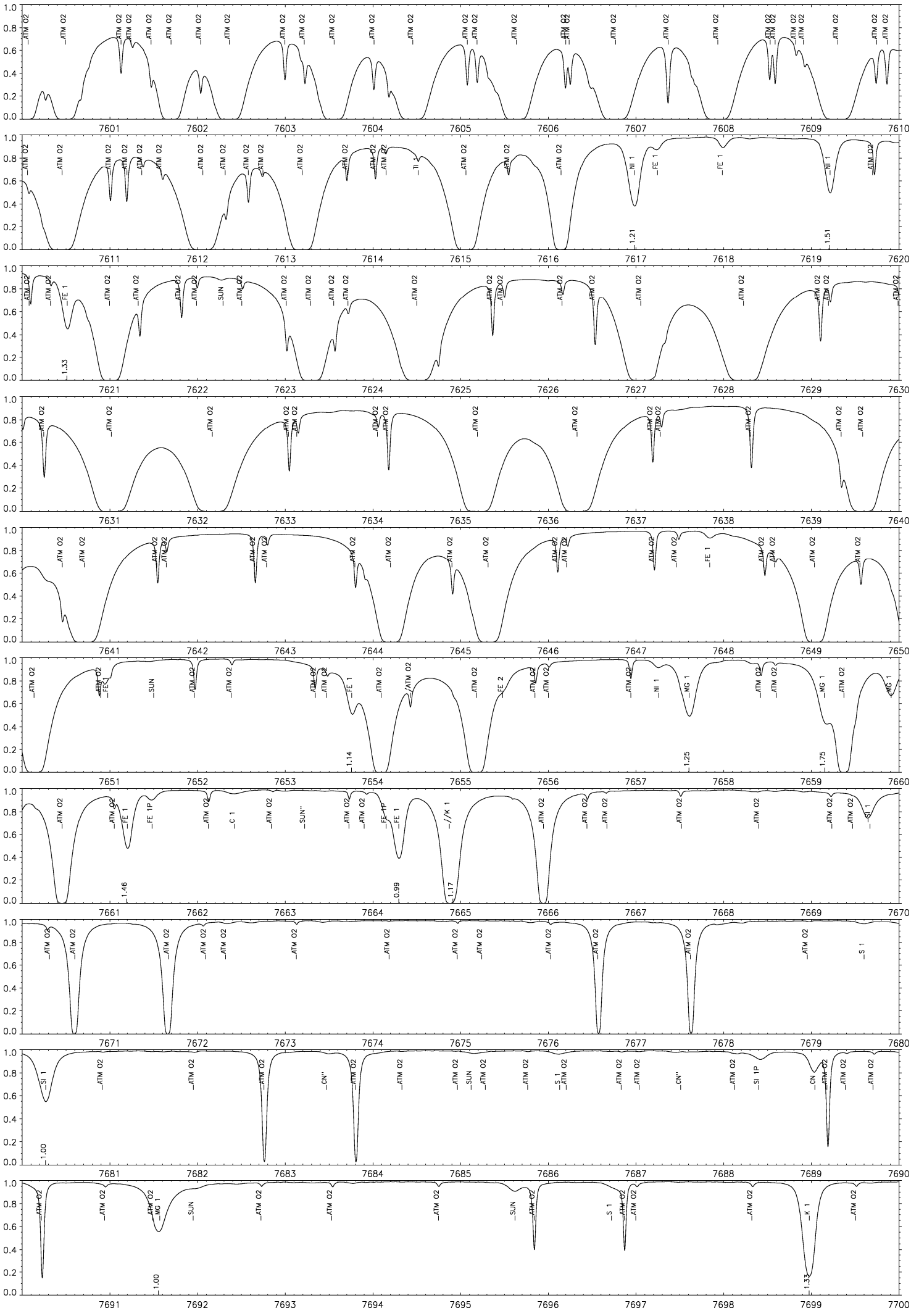
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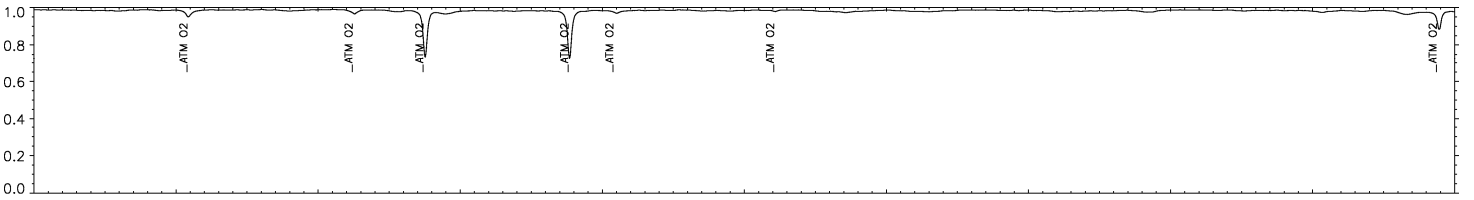
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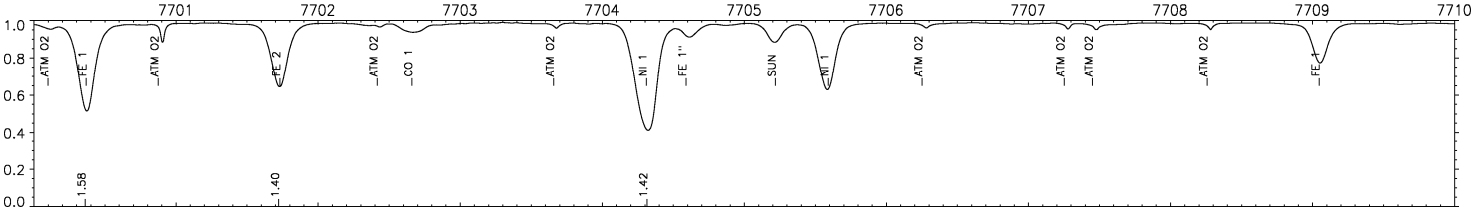
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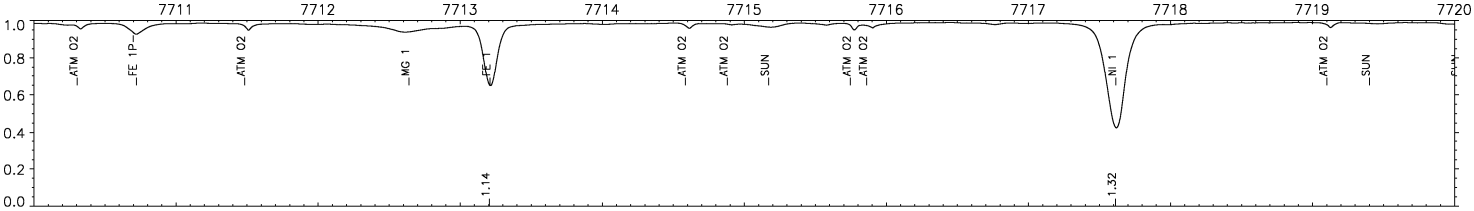
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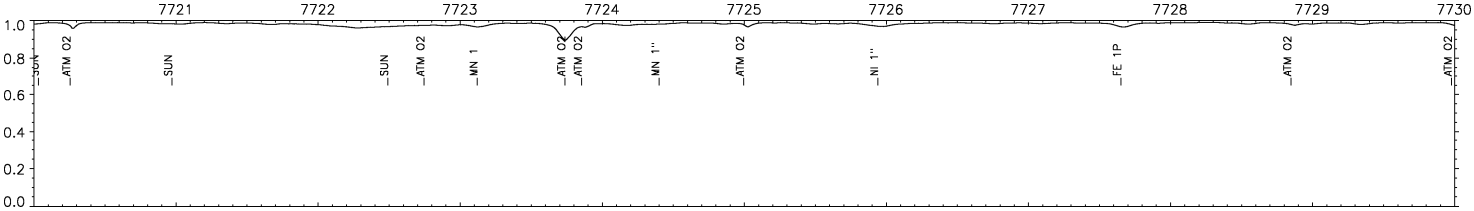
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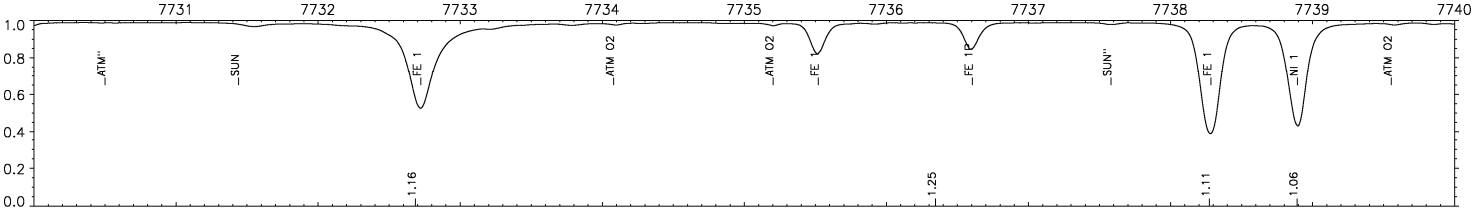
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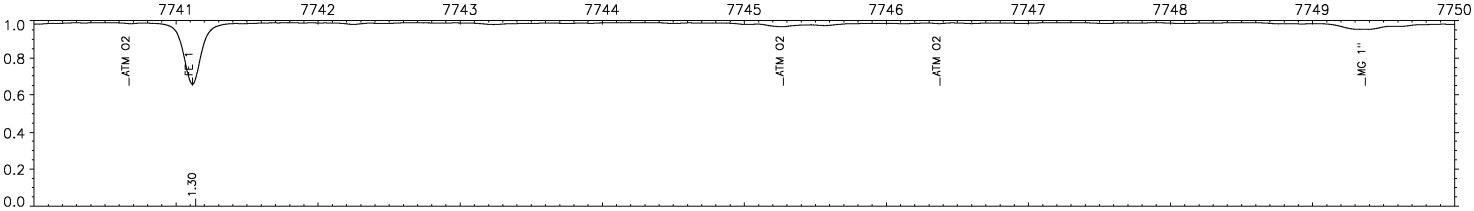
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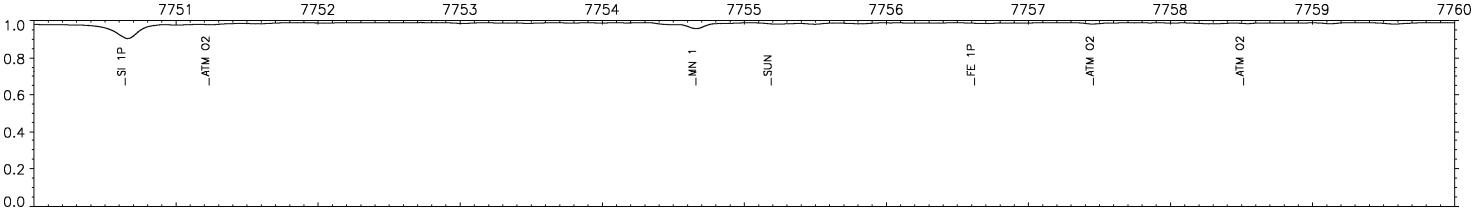
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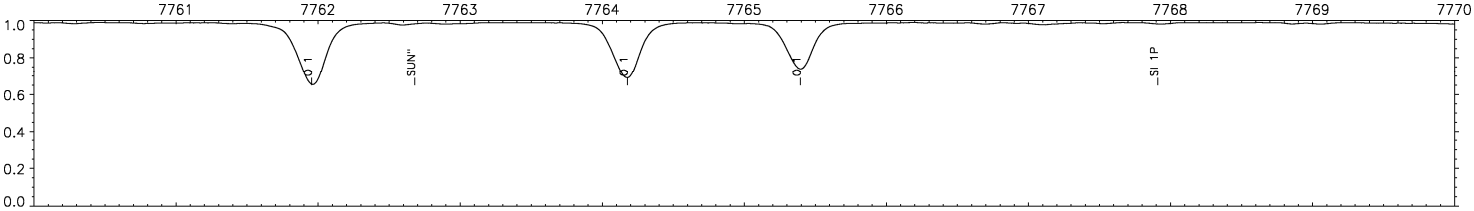
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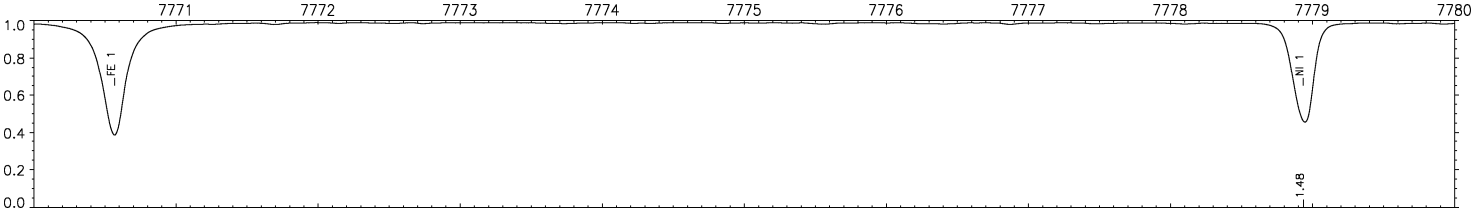
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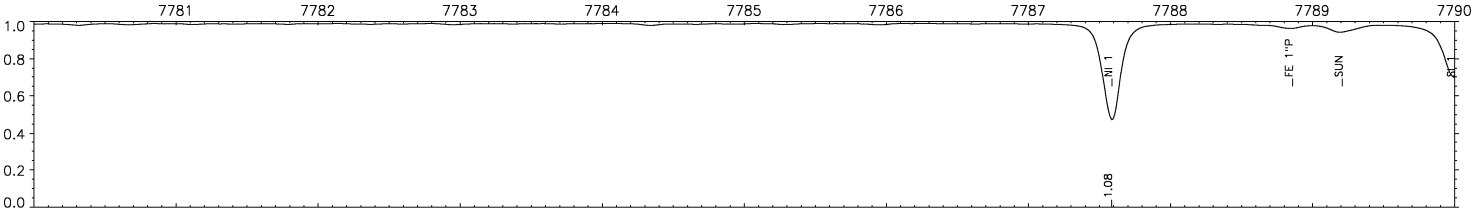
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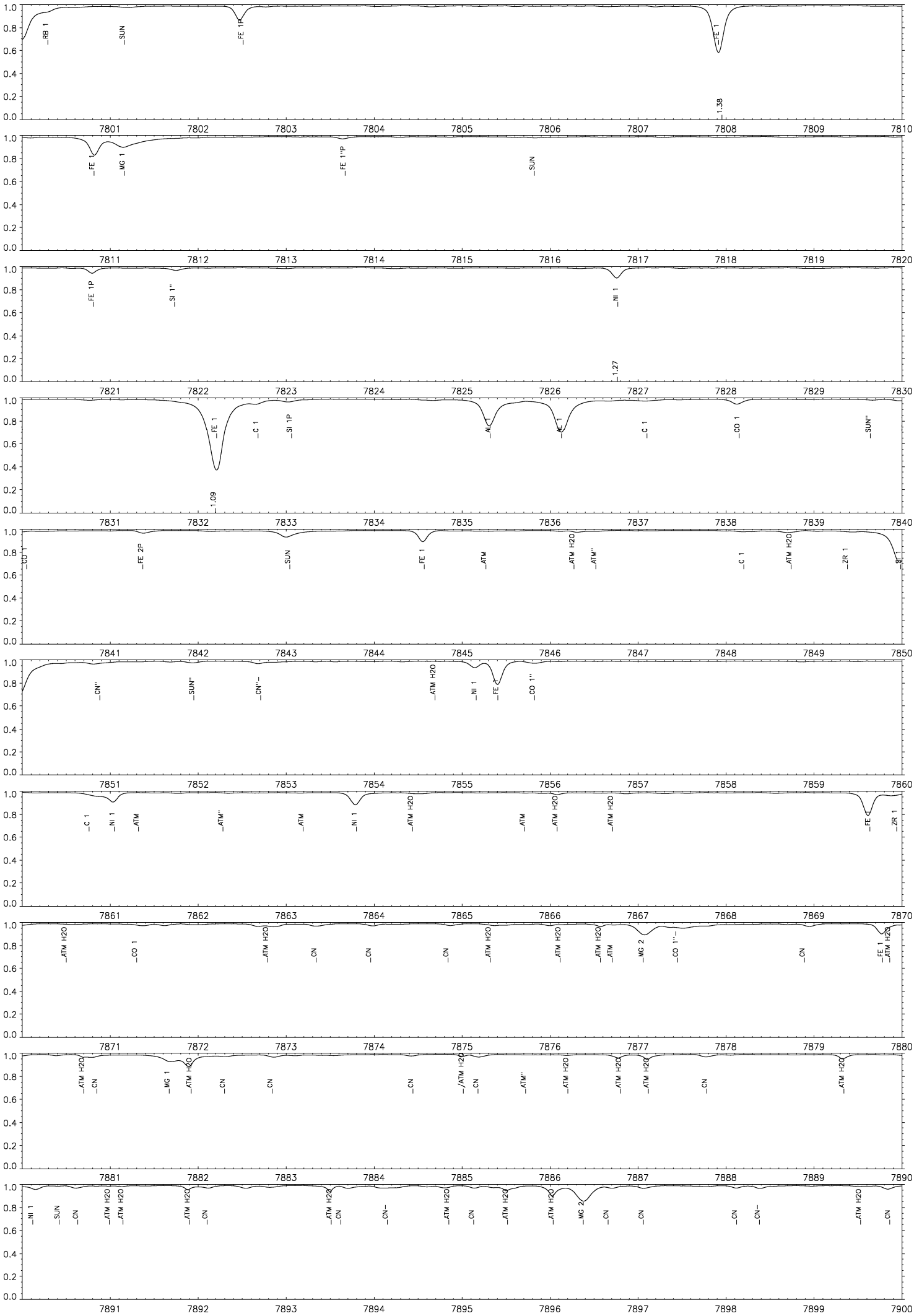
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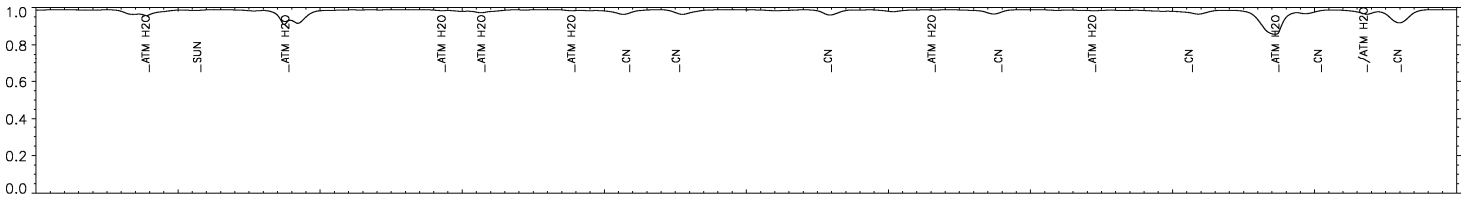
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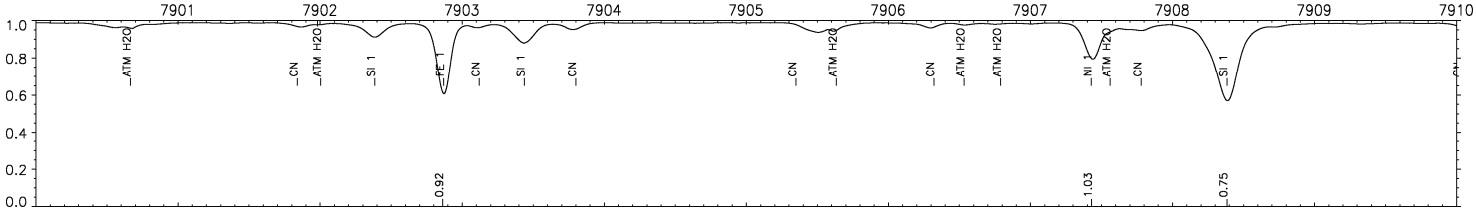
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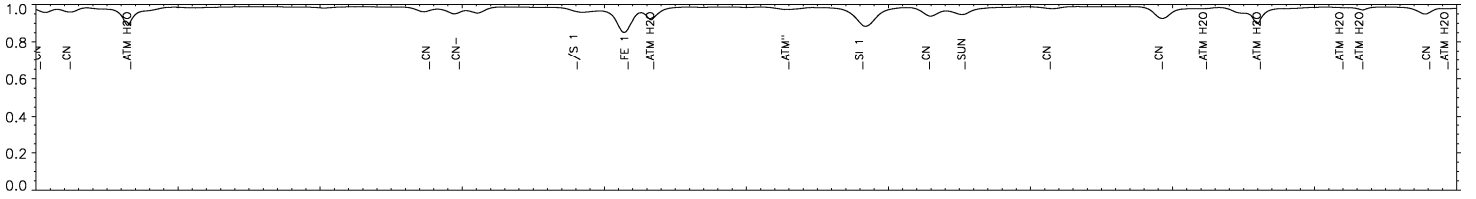
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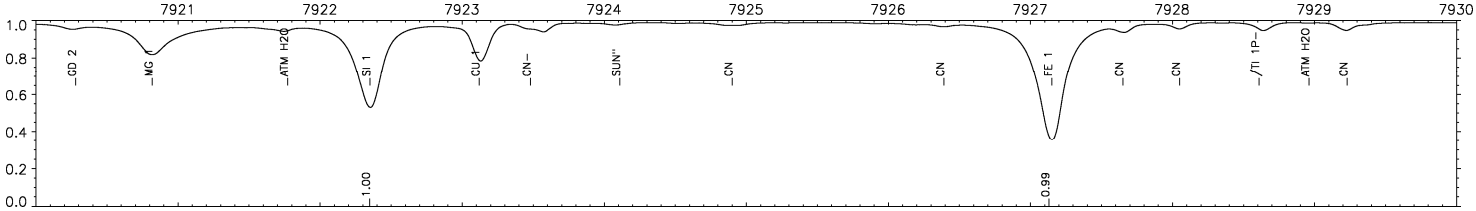
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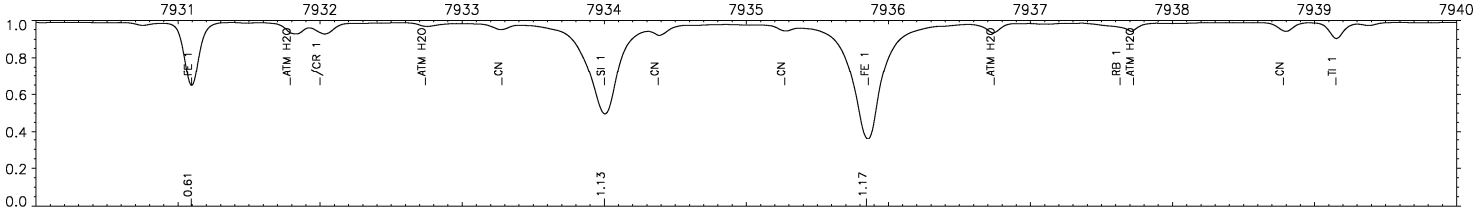
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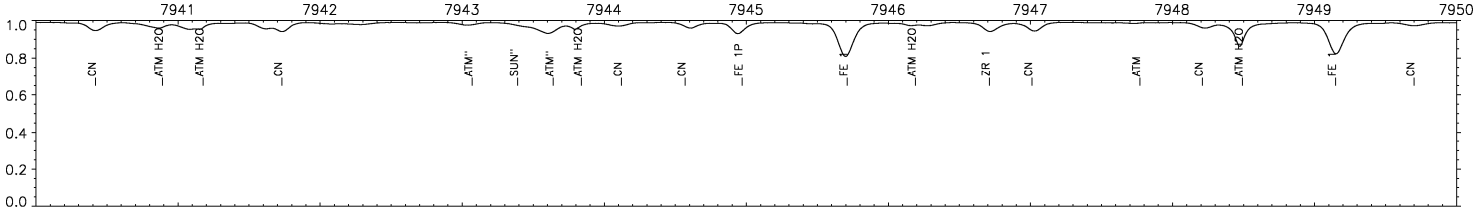
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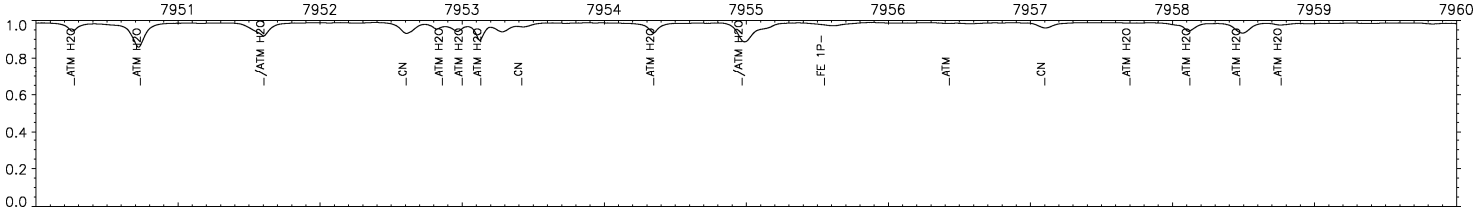
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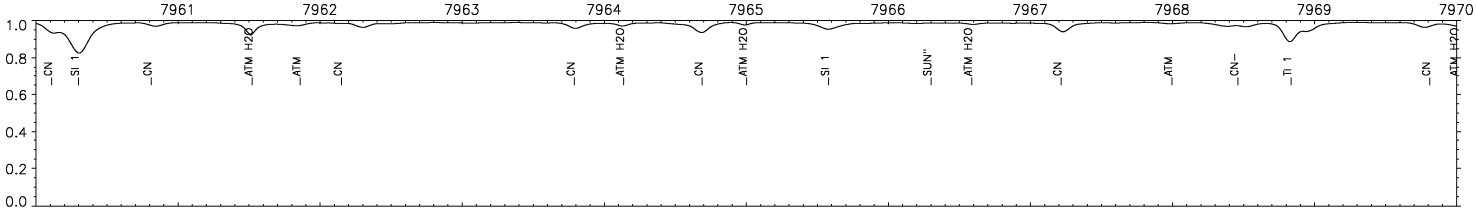
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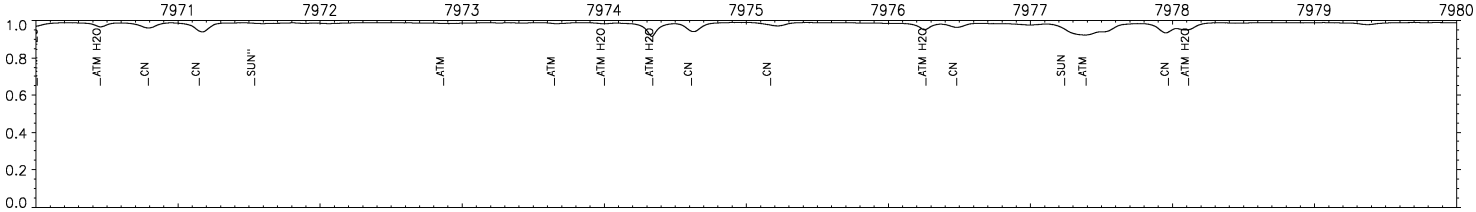
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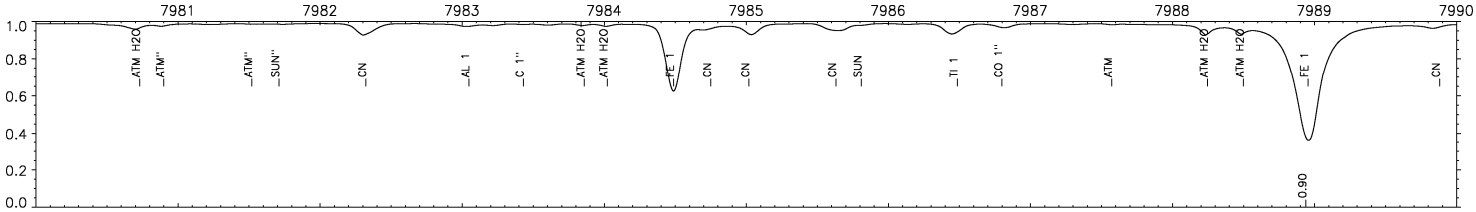
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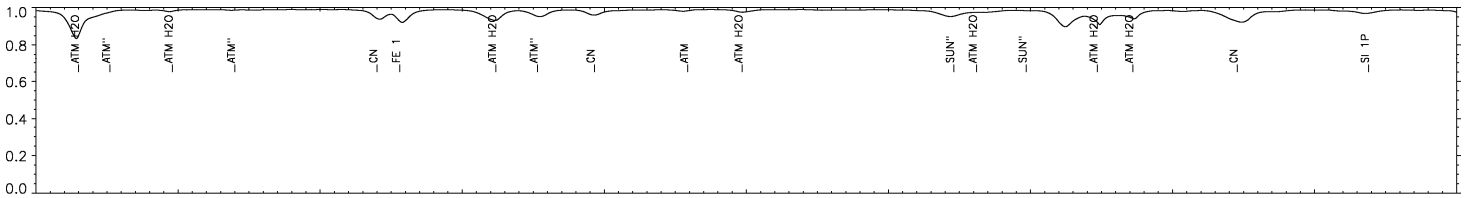
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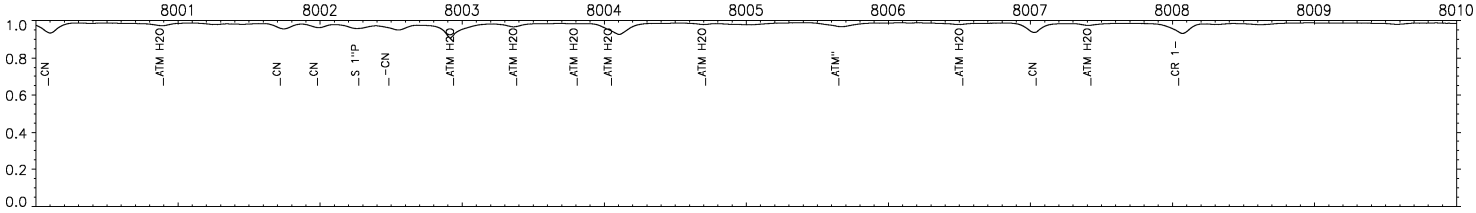
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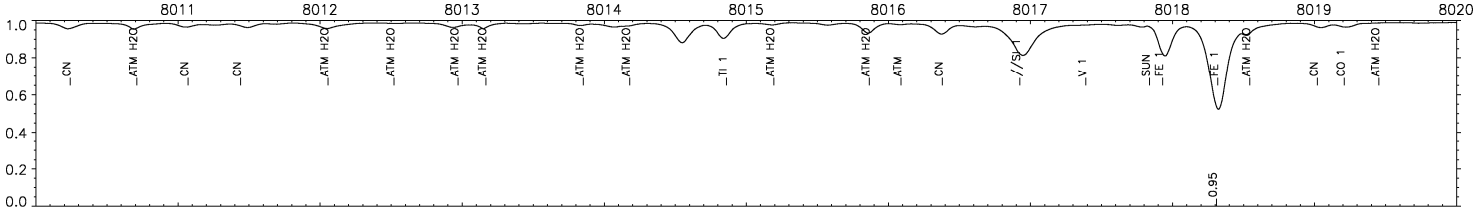
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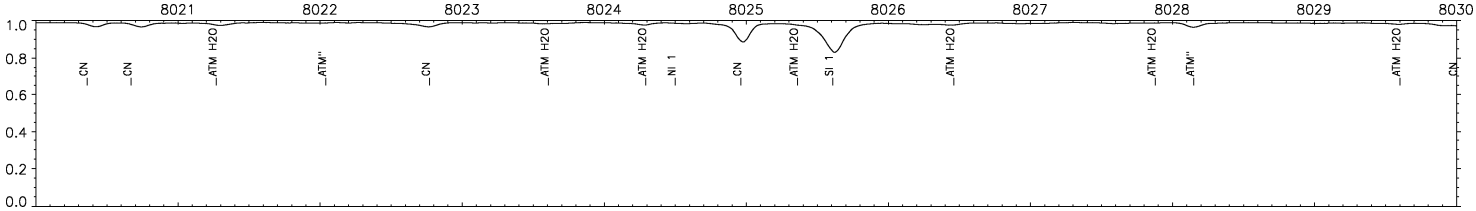
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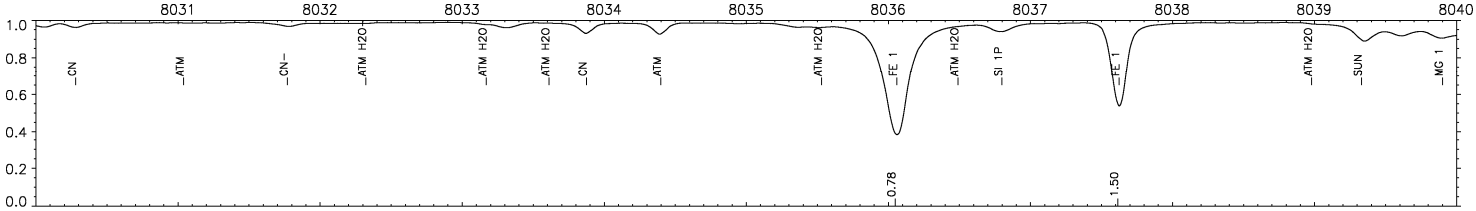
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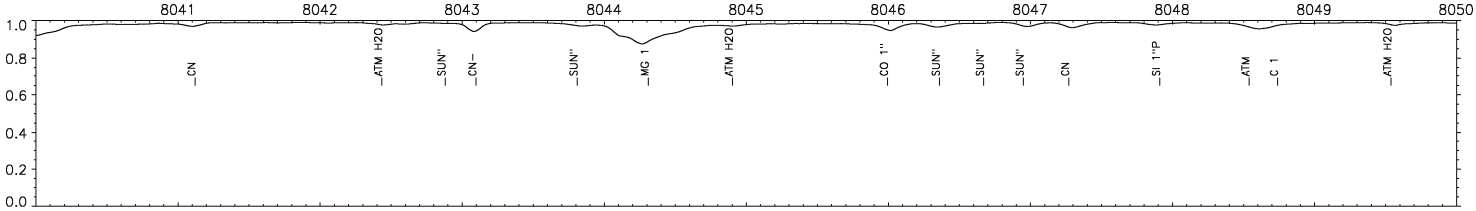
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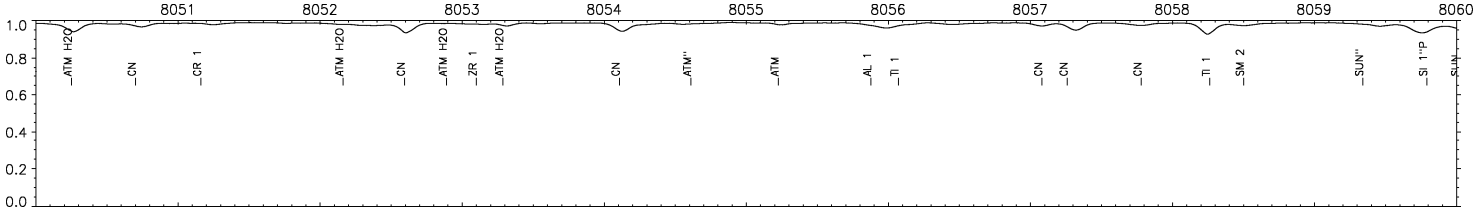
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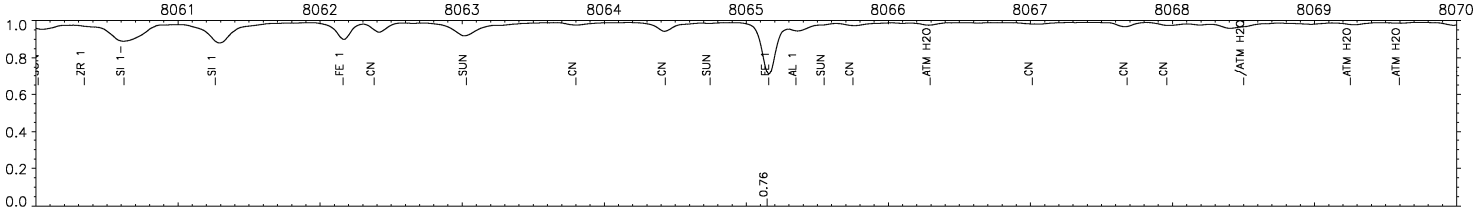
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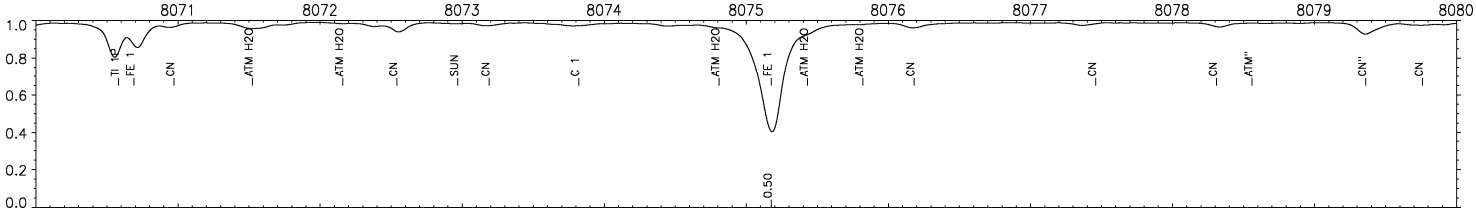
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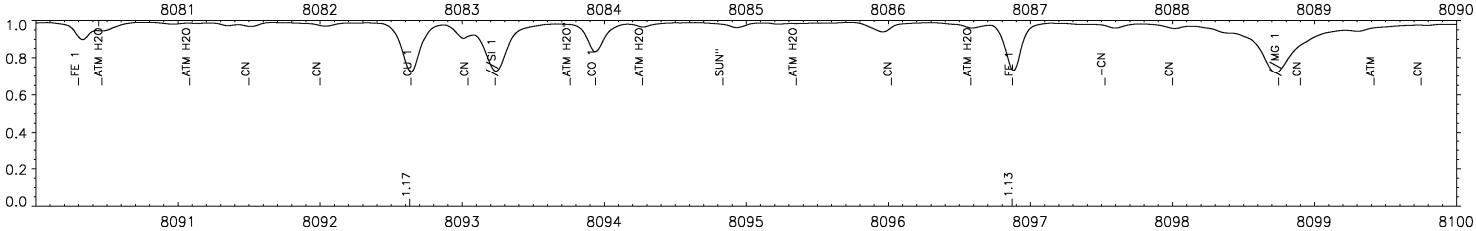
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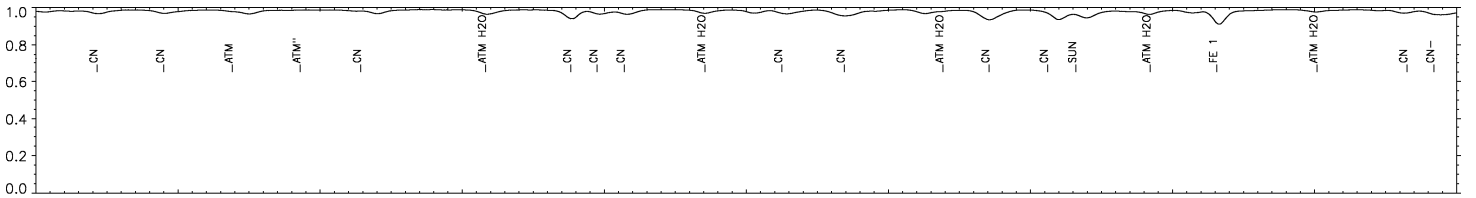
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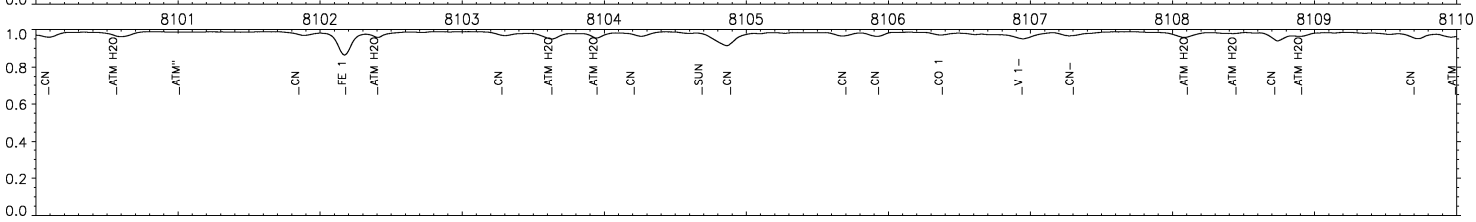
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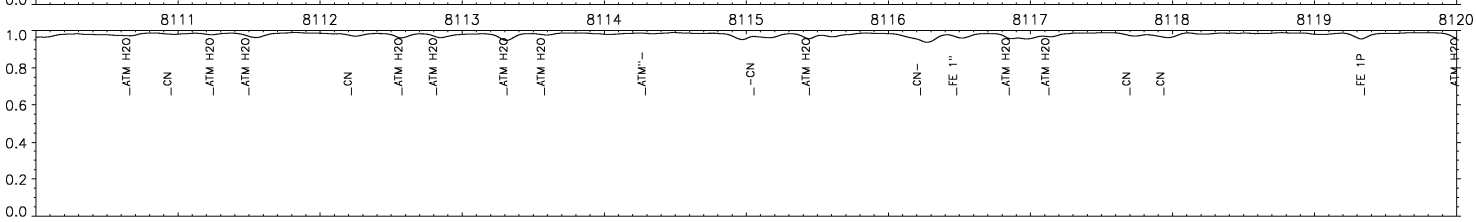
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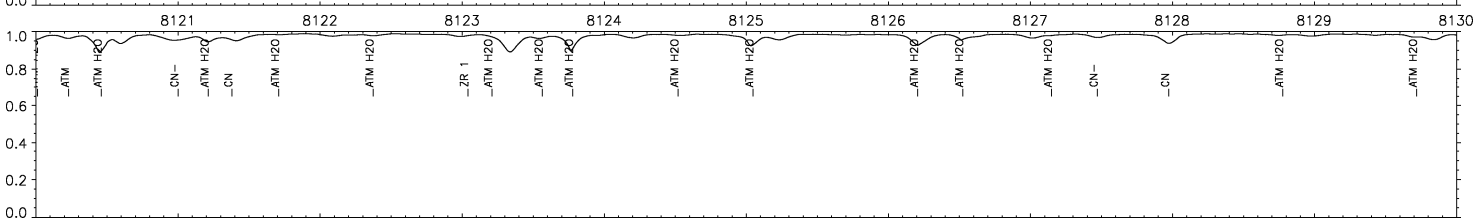
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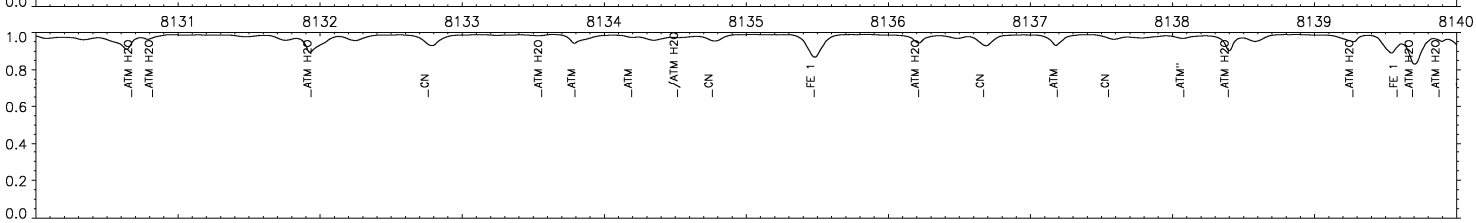
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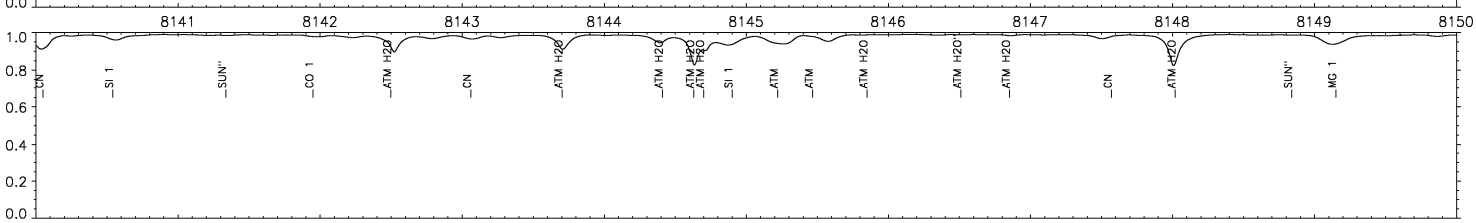
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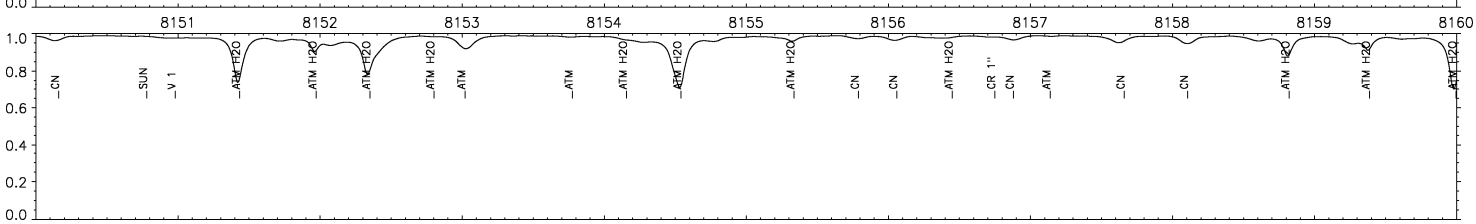
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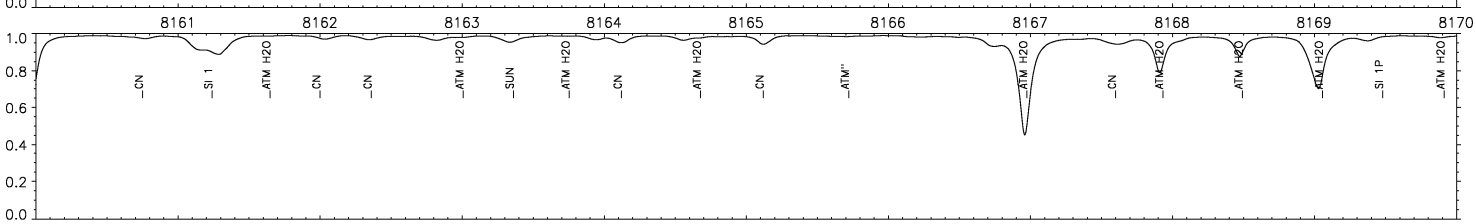
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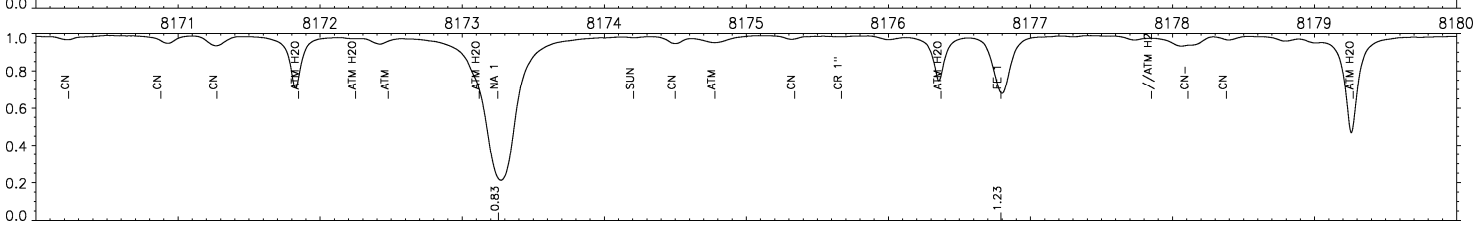
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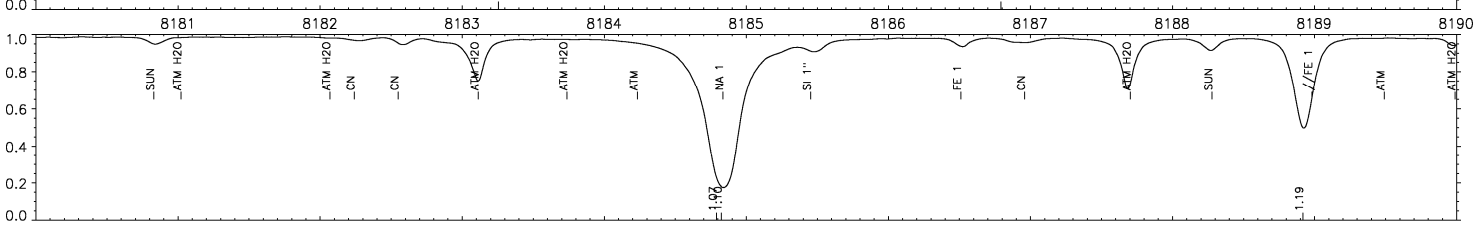
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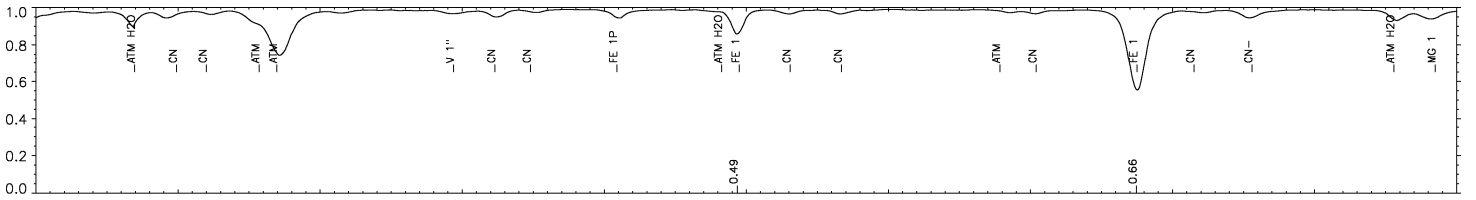
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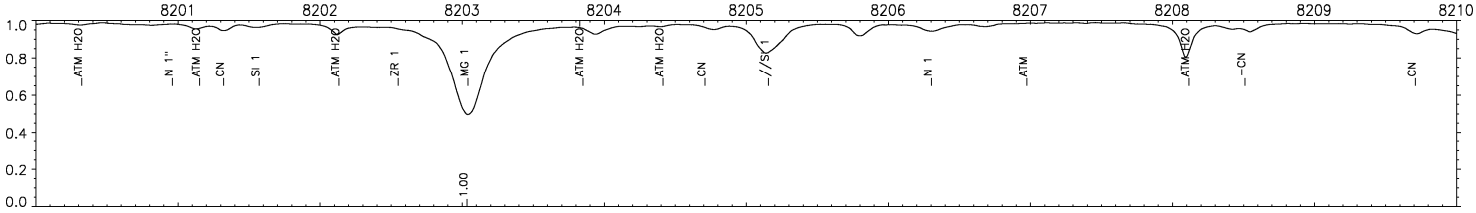
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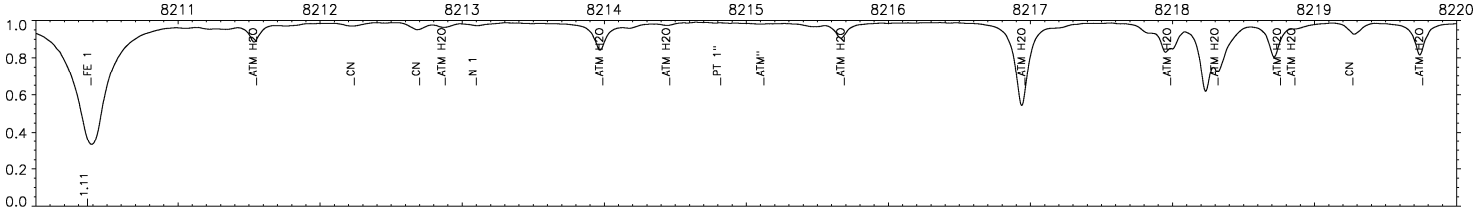
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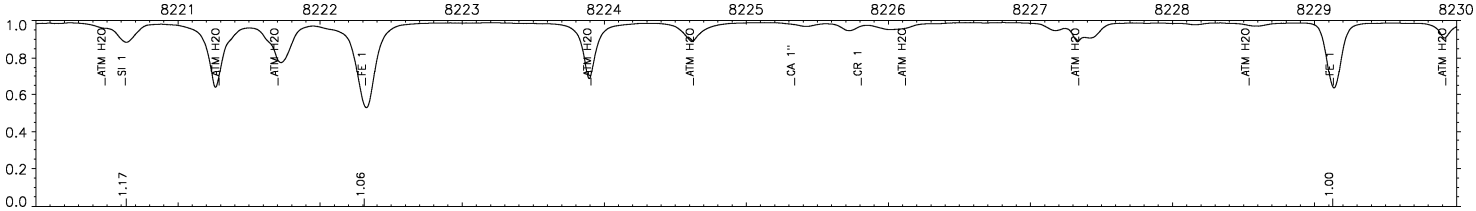
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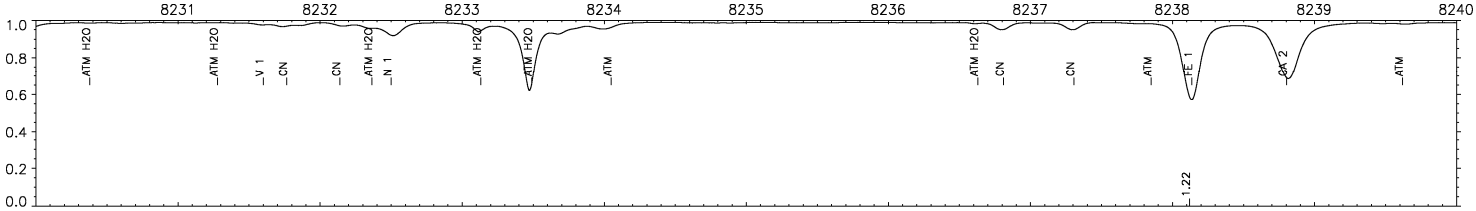
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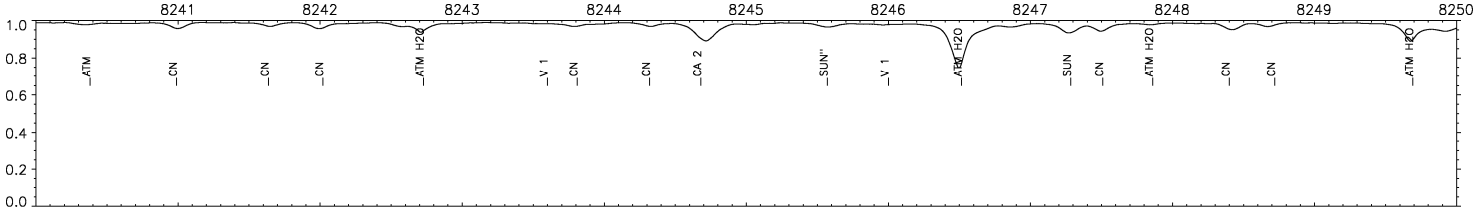
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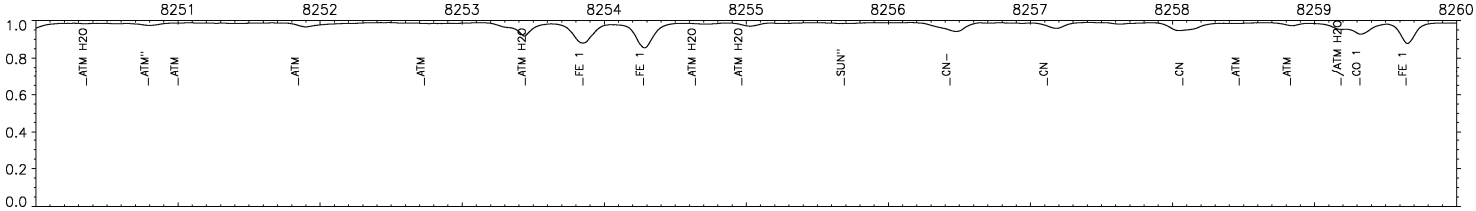
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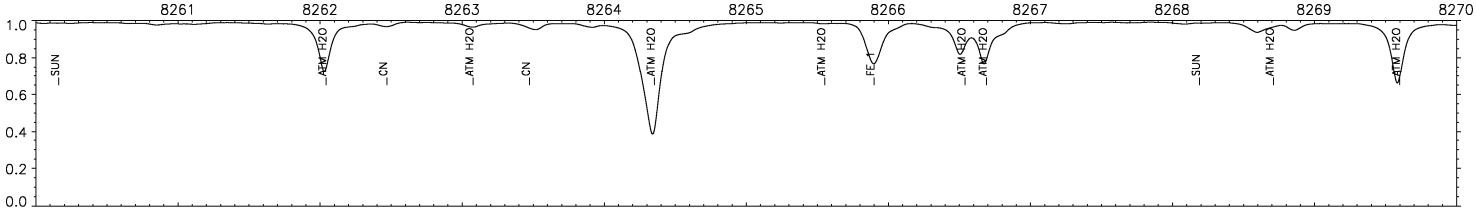
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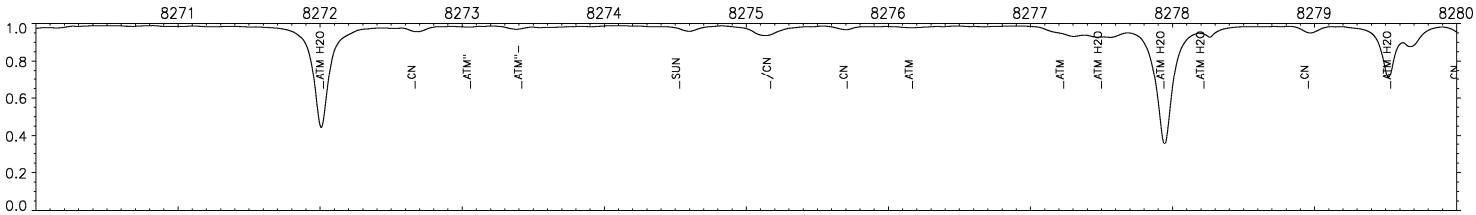
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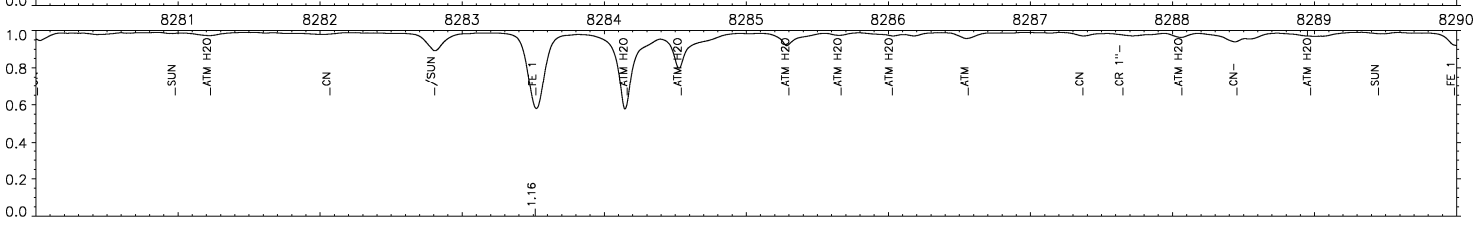
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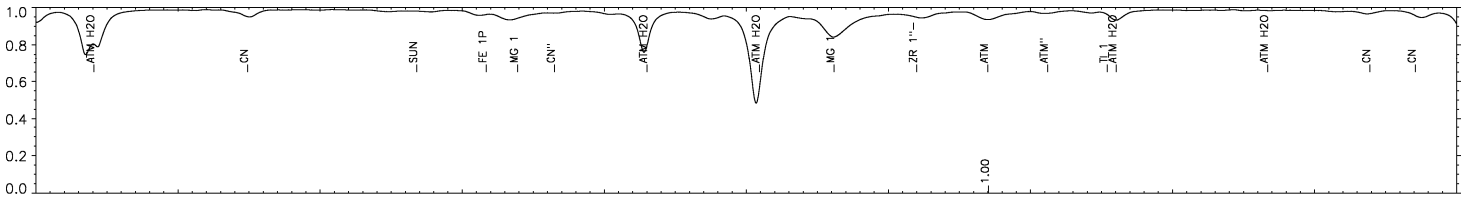
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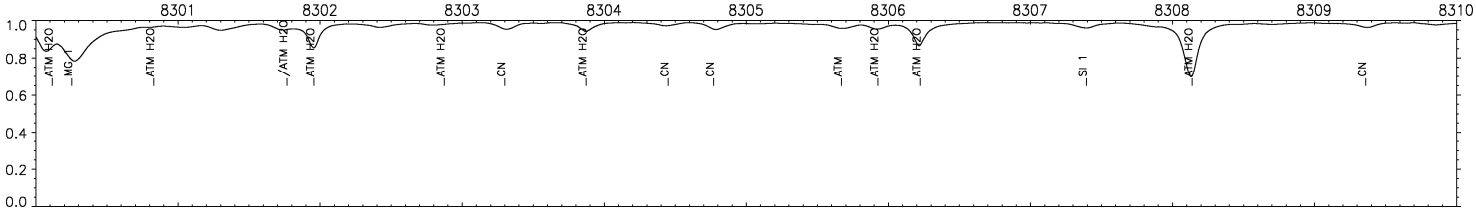
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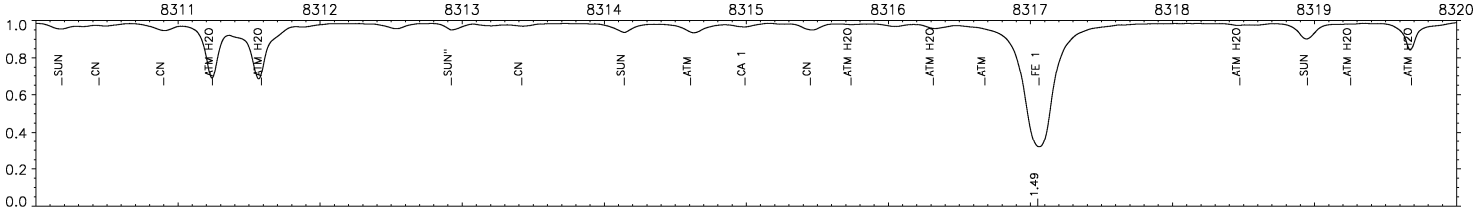
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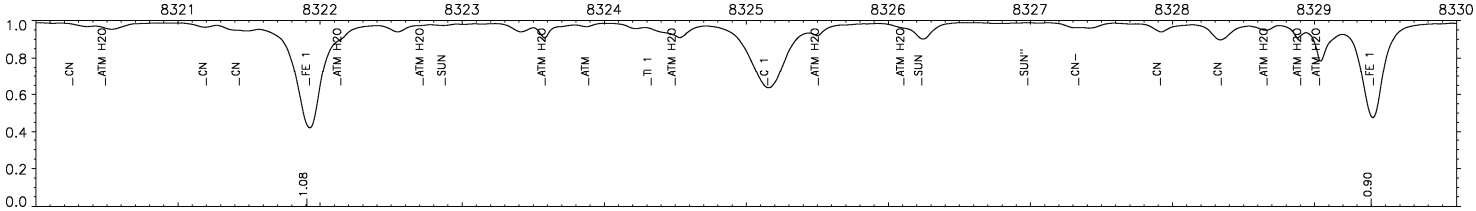
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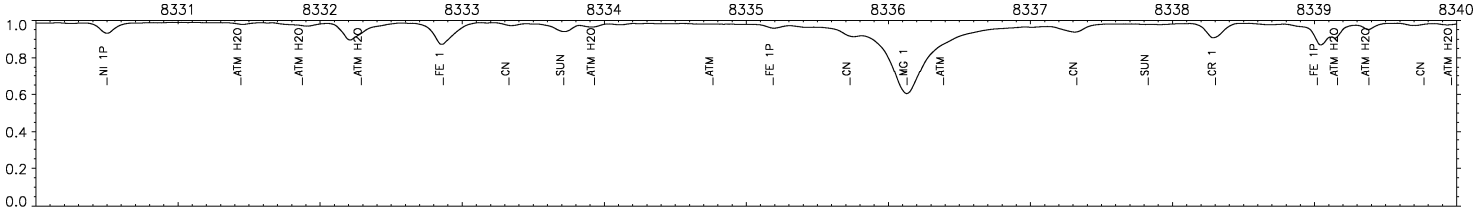
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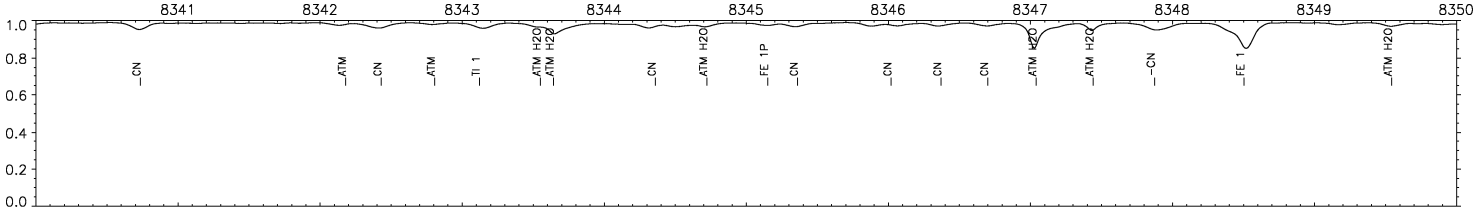
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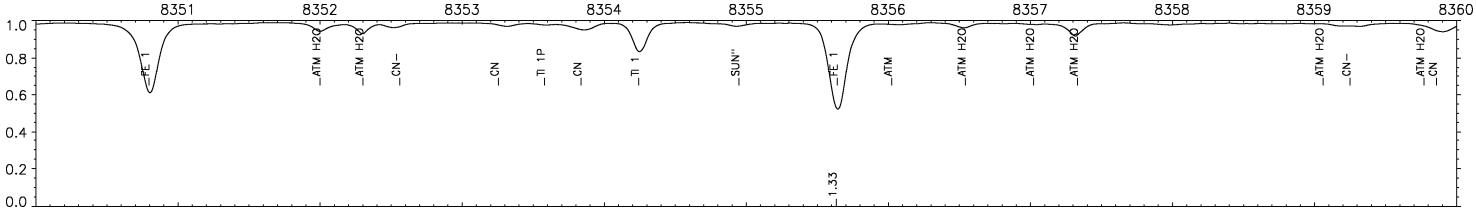
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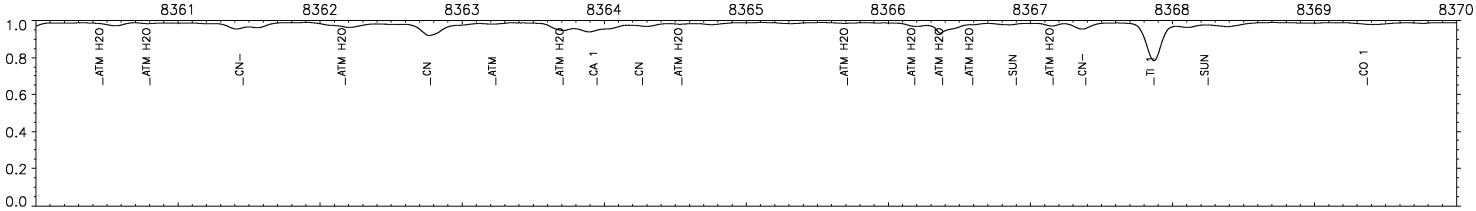
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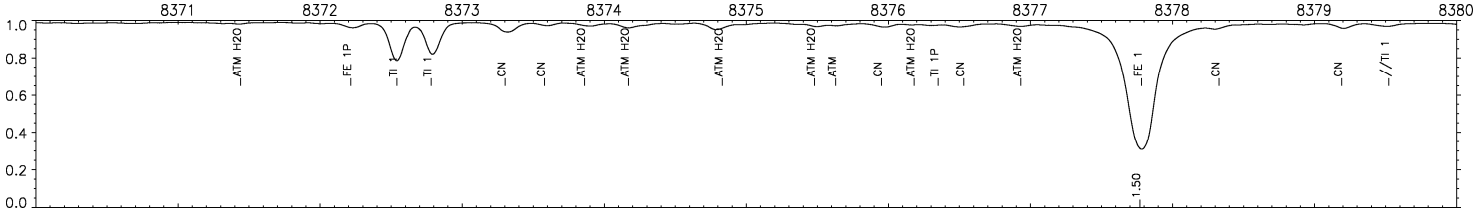
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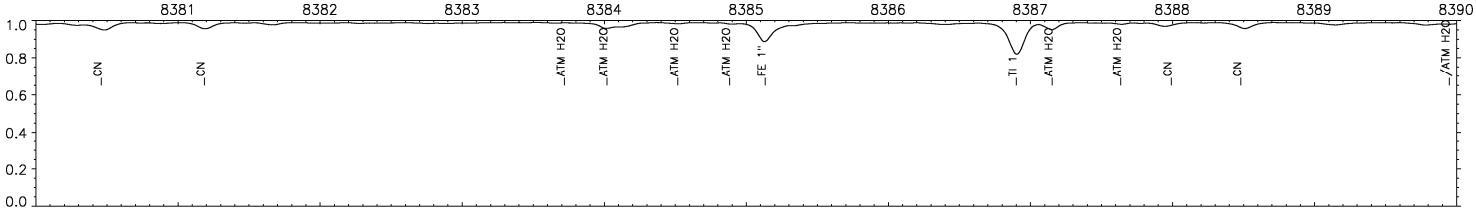
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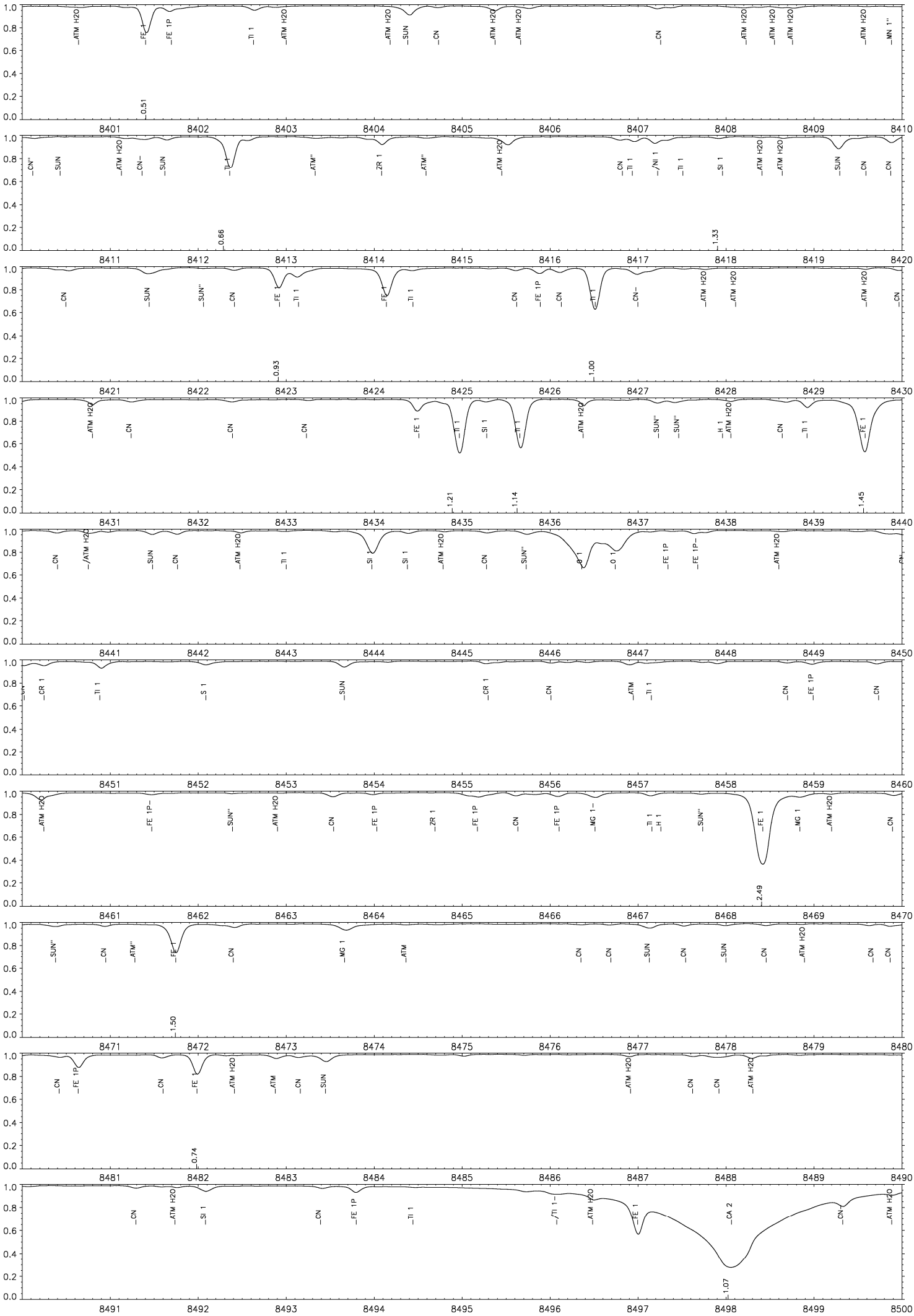
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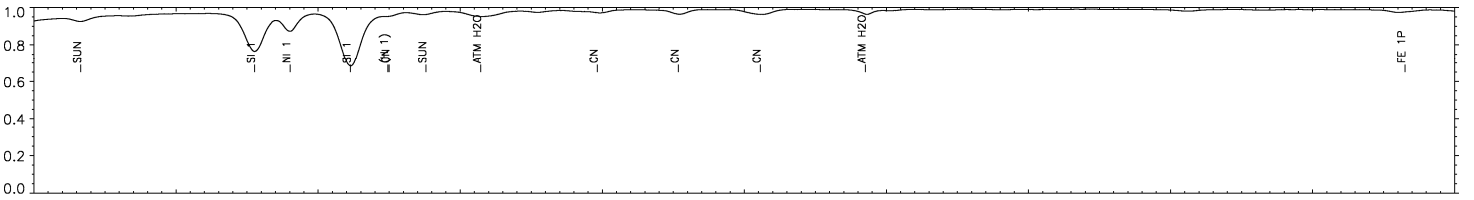
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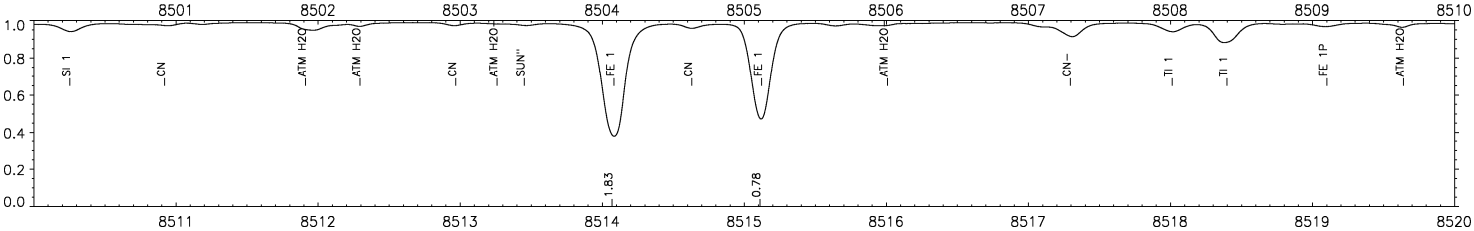
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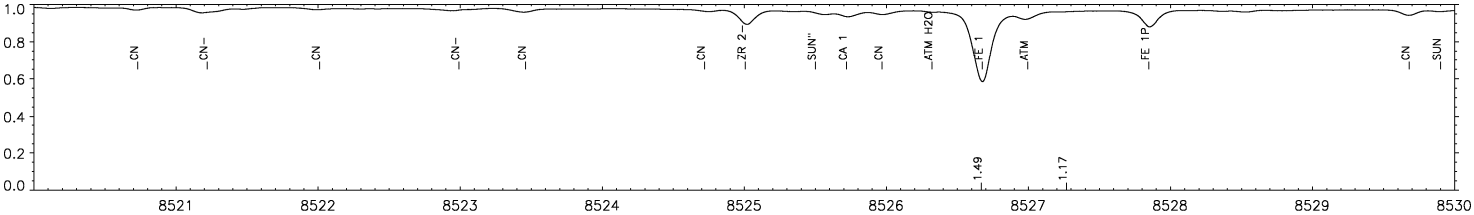
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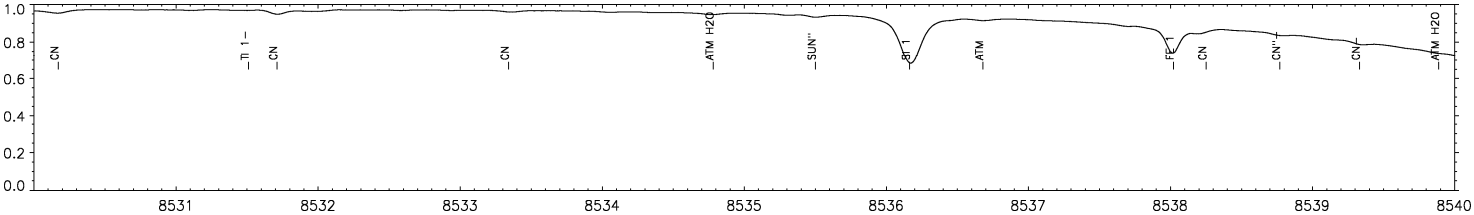
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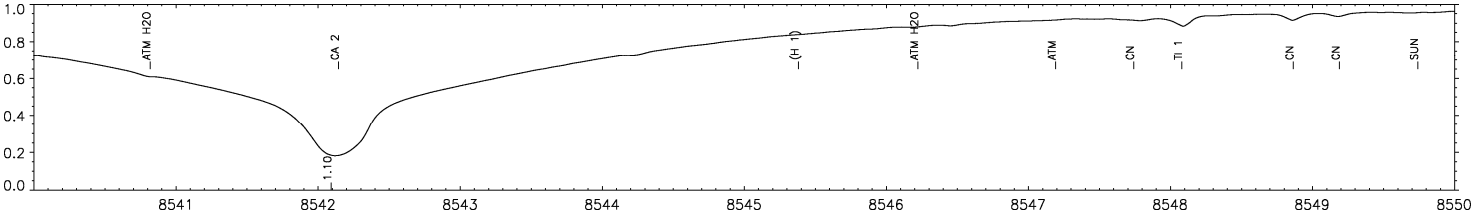
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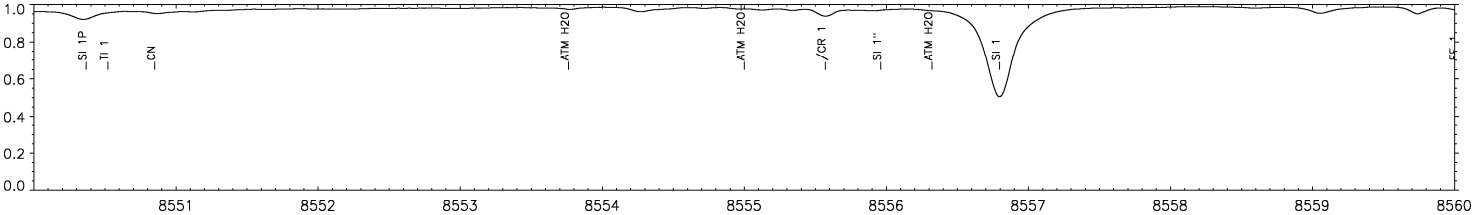
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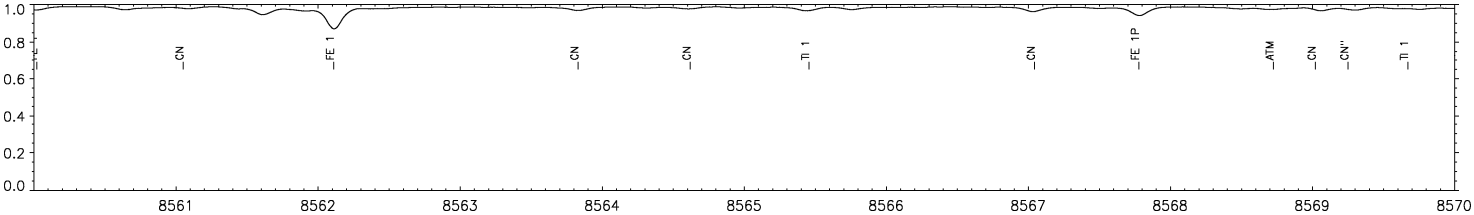
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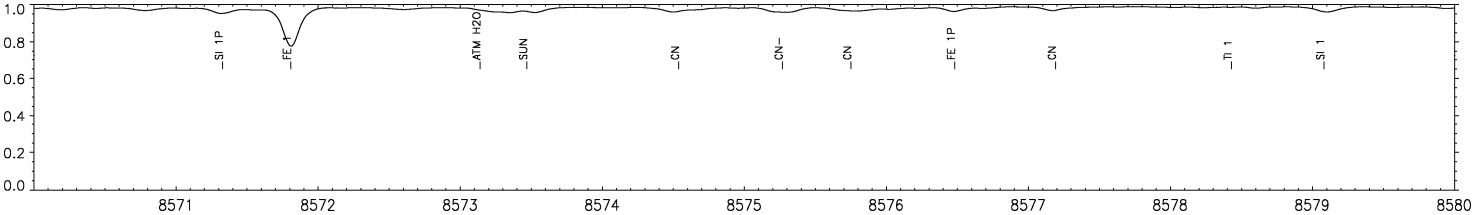
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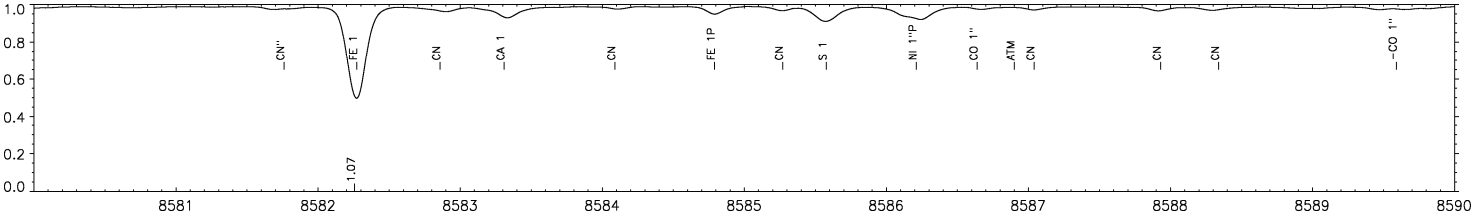
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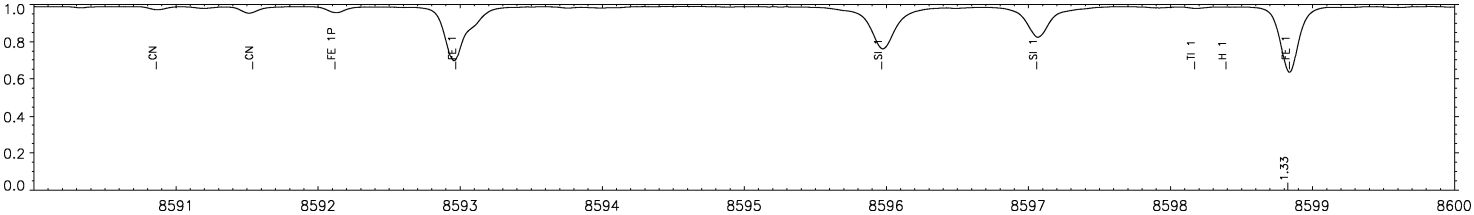
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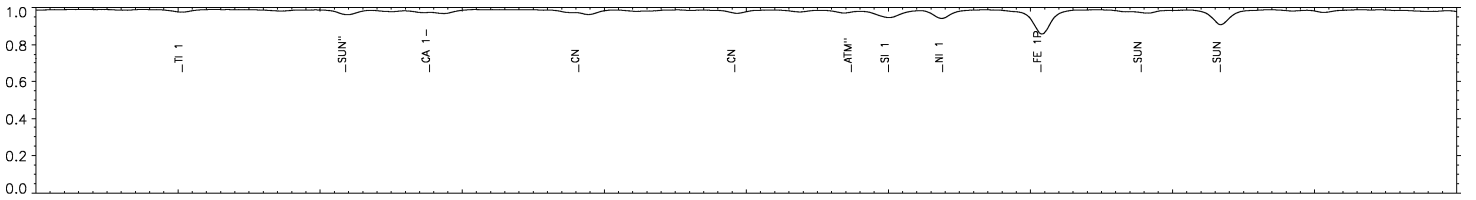
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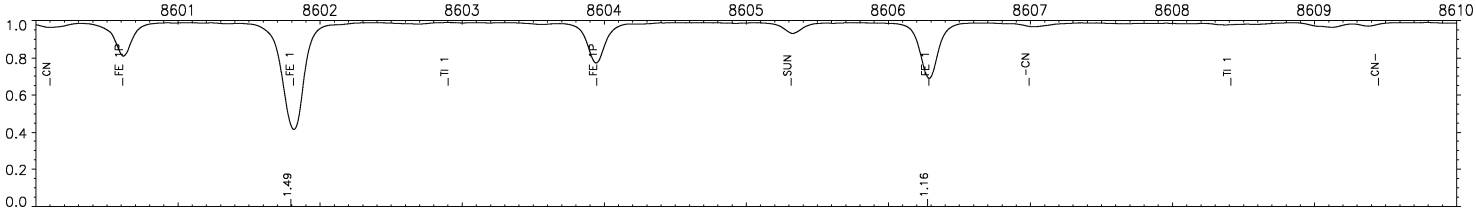
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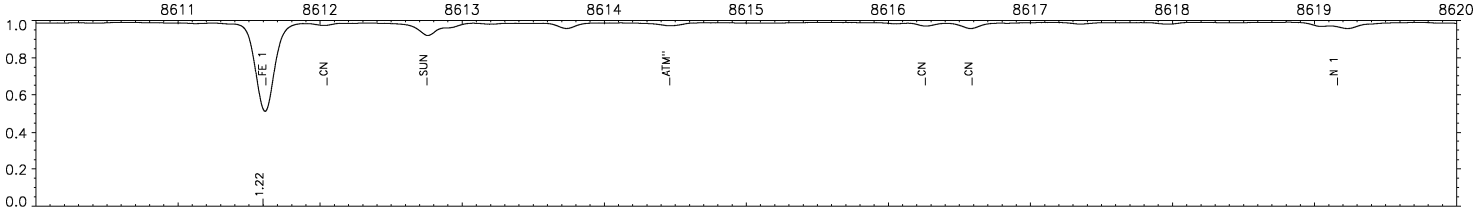
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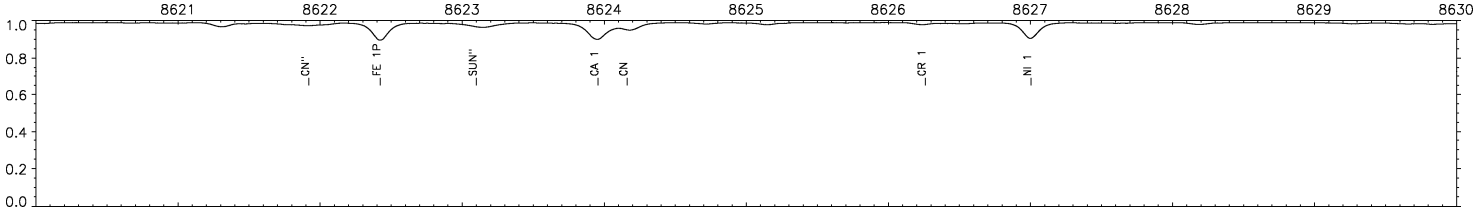
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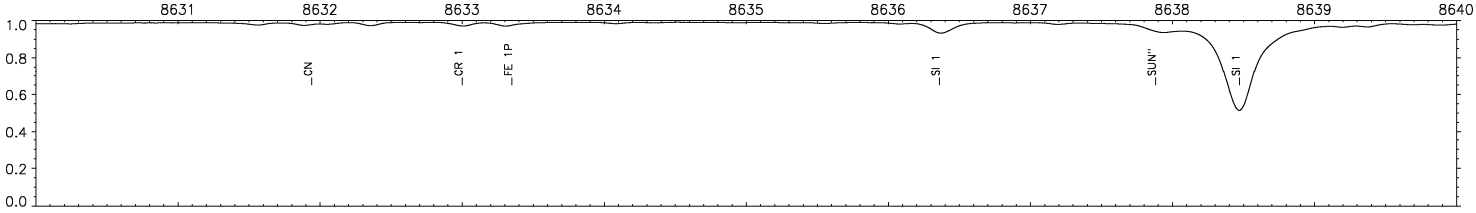
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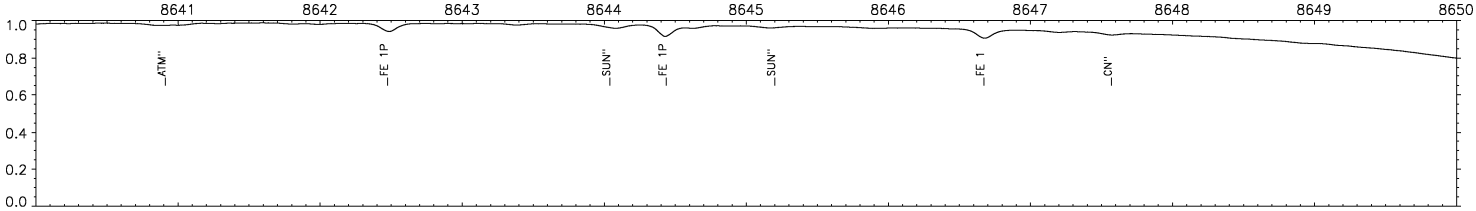
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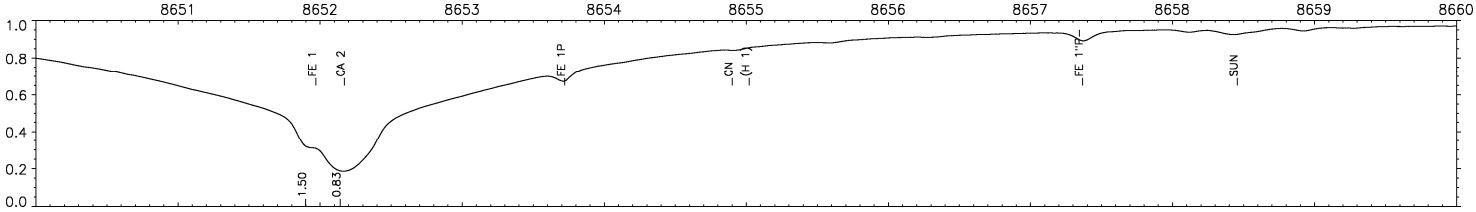
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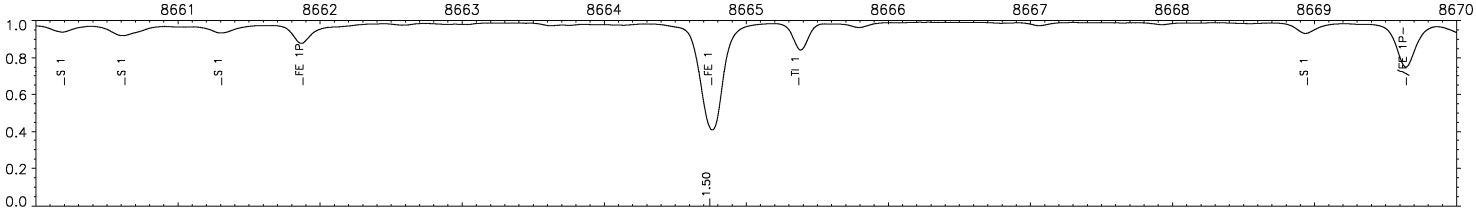
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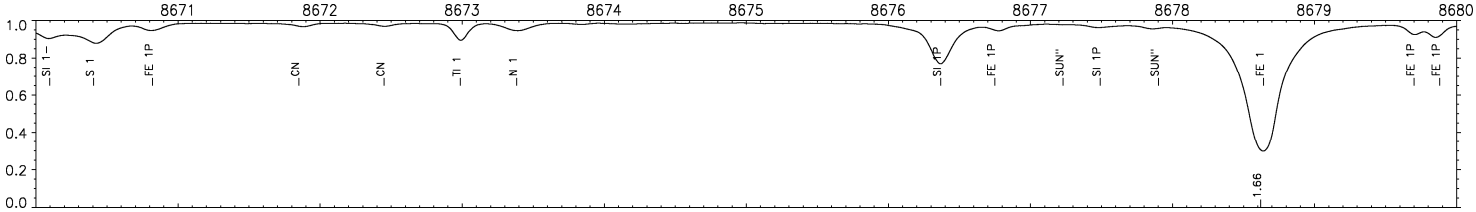
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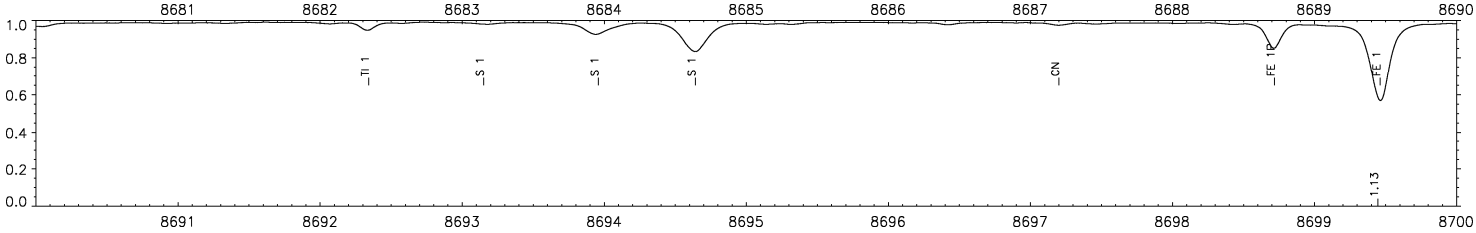
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