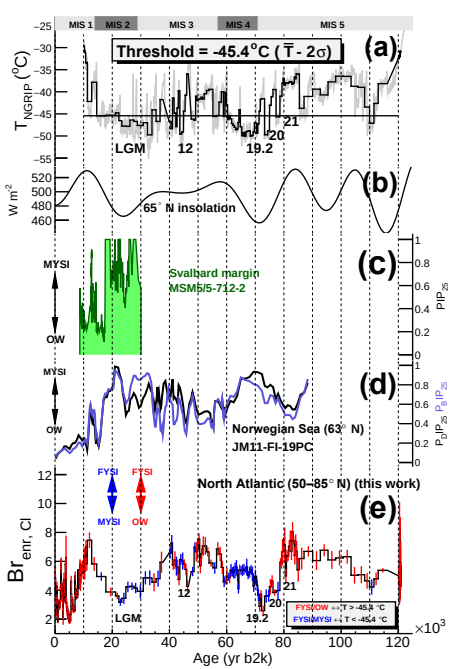
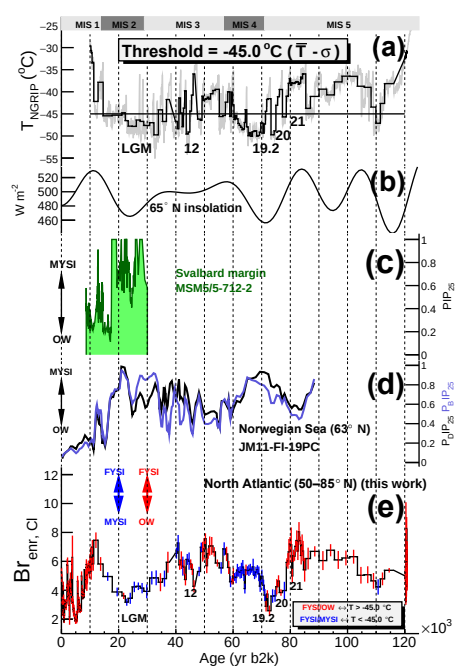
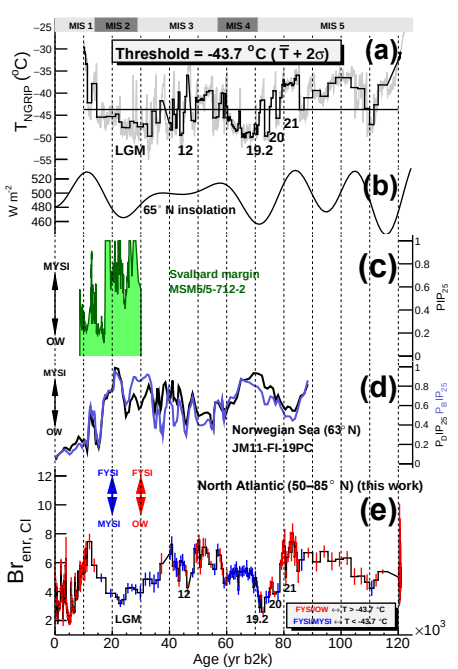
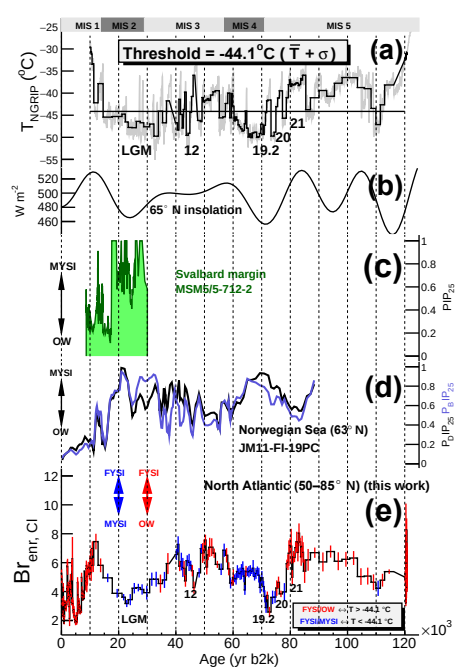

MIS 1
MIS 2
MIS 3
MIS 4
MIS 5
Threshold = -45.4°C ($\bar{T}$ - 2σ)
(a)
T_{NGRIP} (°C)
LGM
12
19.2
20
21
(b)
W m^{-2}
65° N insolation
(c)
MYSI
OW
Svalbard margin
MSM5/5-712-2
PIP$_{25}$
(d)
Norwegian Sea (63° N)
JM11-FI-19PC
P$_D$IP$_{25}$
P$_B$IP$_{25}$
North Atlantic (50–85° N) (this work)
FYSI
FTSI
(e)
Br$_{enr}$, Cl
FYSI/OW <-> T > -45.8 °C
FYSI/MYSI <-> T < -45.4 °C
×10^3
Age (yr b2k)


MIS 1
MIS 2
MIS 3
MIS 4
MIS 5
Threshold = -45.0 °C ($\bar{T}$ - σ)
(a)
T_{NGRIP} (°C)
LGM
12
19.2
20
21
(b)
W m^{-2}
65° N insolation
(c)
MYSI
OW
Svalbard margin
MSM5/5-712-2
PIP$_{25}$
(d)
Norwegian Sea (63° N)
JM11-FI-19PC
P$_D$IP$_{25}$
P$_B$IP$_{25}$
North Atlantic (50–85° N) (this work)
FYSI
FTSI
(e)
Br$_{enr}$, Cl
FYSI/OW <-> T > -45.0 °C
FYSI/MYSI <-> T < -45.0 °C
×10^3
Age (yr b2k)


MIS 1
MIS 2
MIS 3
MIS 4
MIS 5
Threshold = -43.7 °C ($\bar{T}$ + 2σ)
(a)
T_{NGRIP} (°C)
LGM
12
19.2
20
21
(b)
W m^{-2}
65° N insolation
(c)
MYSI
OW
Svalbard margin
MSM5/5-712-2
PIP$_{25}$
(d)
Norwegian Sea (63° N)
JM11-FI-19PC
P$_D$IP$_{25}$
P$_B$IP$_{25}$
North Atlantic (50–85° N) (this work)
FYSI
FTSI
(e)
Br$_{enr}$, Cl
FYSI/OW <-> T > -43.7 °C
FYSI/MYSI <-> T < -43.7 °C
×10^3
Age (yr b2k)


MIS 1
MIS 2
MIS 3
MIS 4
MIS 5
Threshold = -44.1°C ($\bar{T}$ + σ)
(a)
T_{NGRIP} (°C)
LGM
12
19.2
20
21
(b)
W m^{-2}
65° N insolation
(c)
MYSI
OW
Svalbard margin
MSM5/5-712-2
PIP$_{25}$
(d)
Norwegian Sea (63° N)
JM11-FI-19PC
P$_D$IP$_{25}$
P$_B$IP$_{25}$
North Atlantic (50–85° N) (this work)
FYSI
FTSI
(e)
Br$_{enr}$, Cl
FYSI/OW <-> T > -44.1 °C
FYSI/MYSI <-> T < -44.1 °C
×10^3
Age (yr b2k)