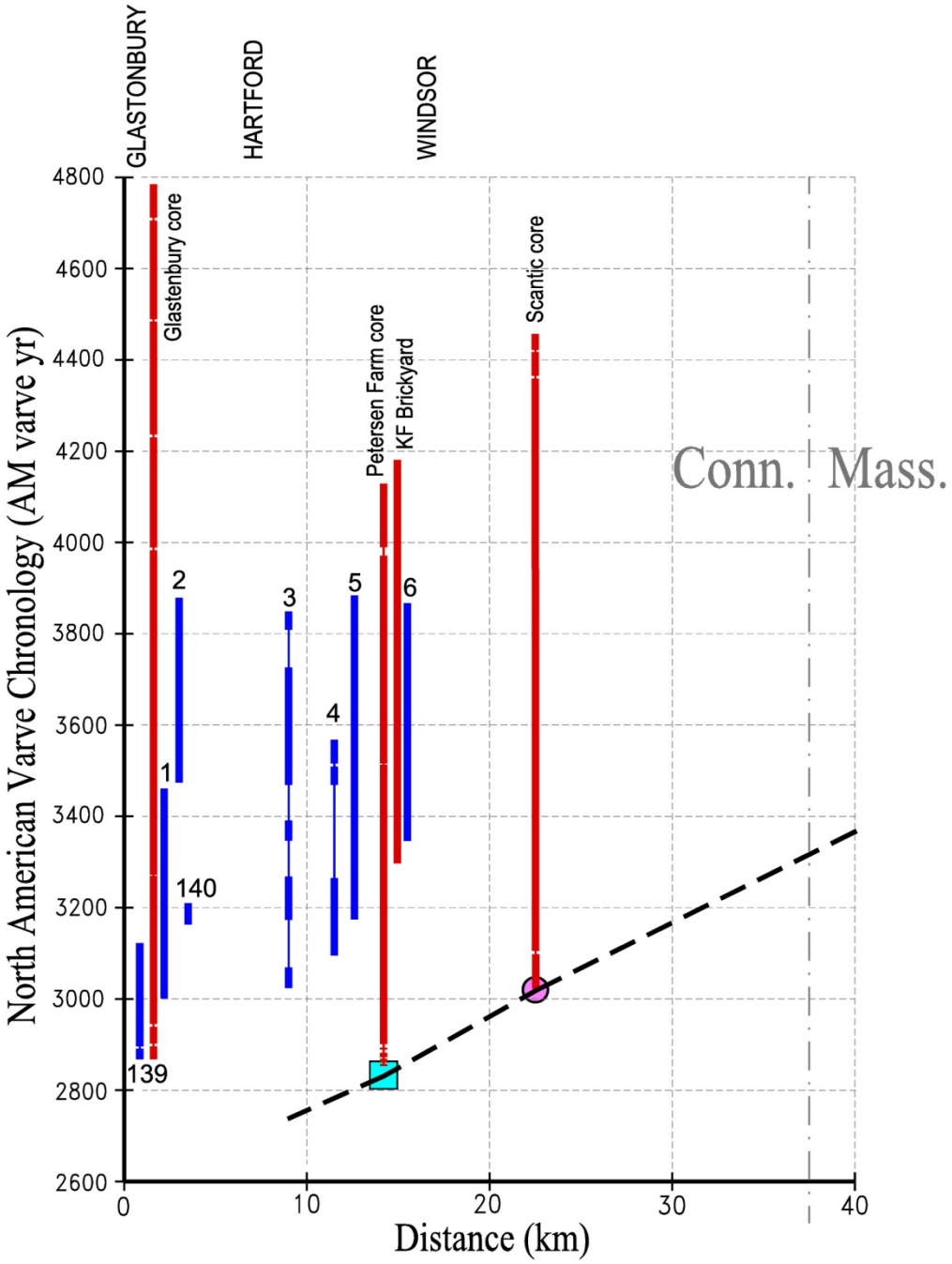
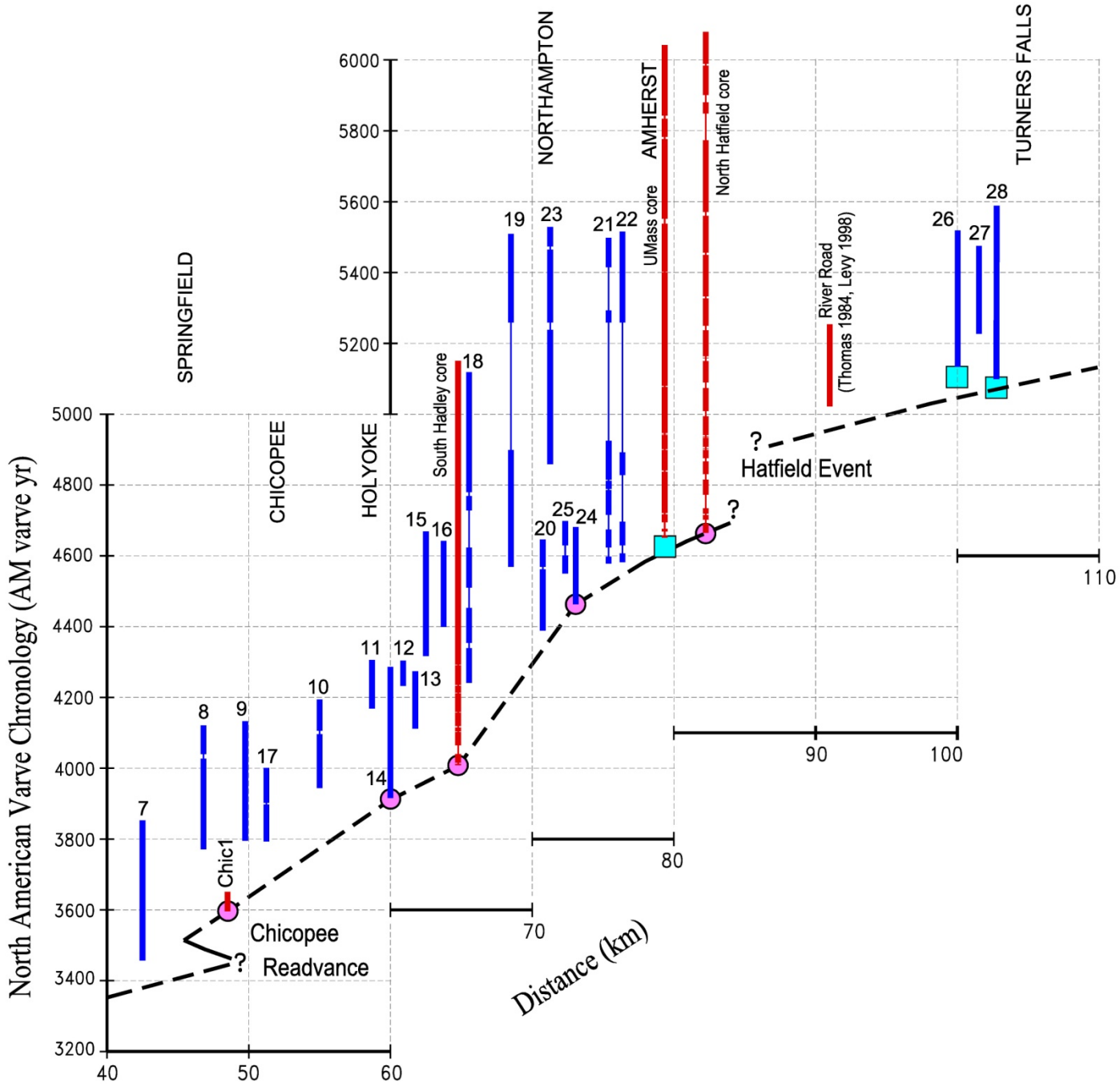
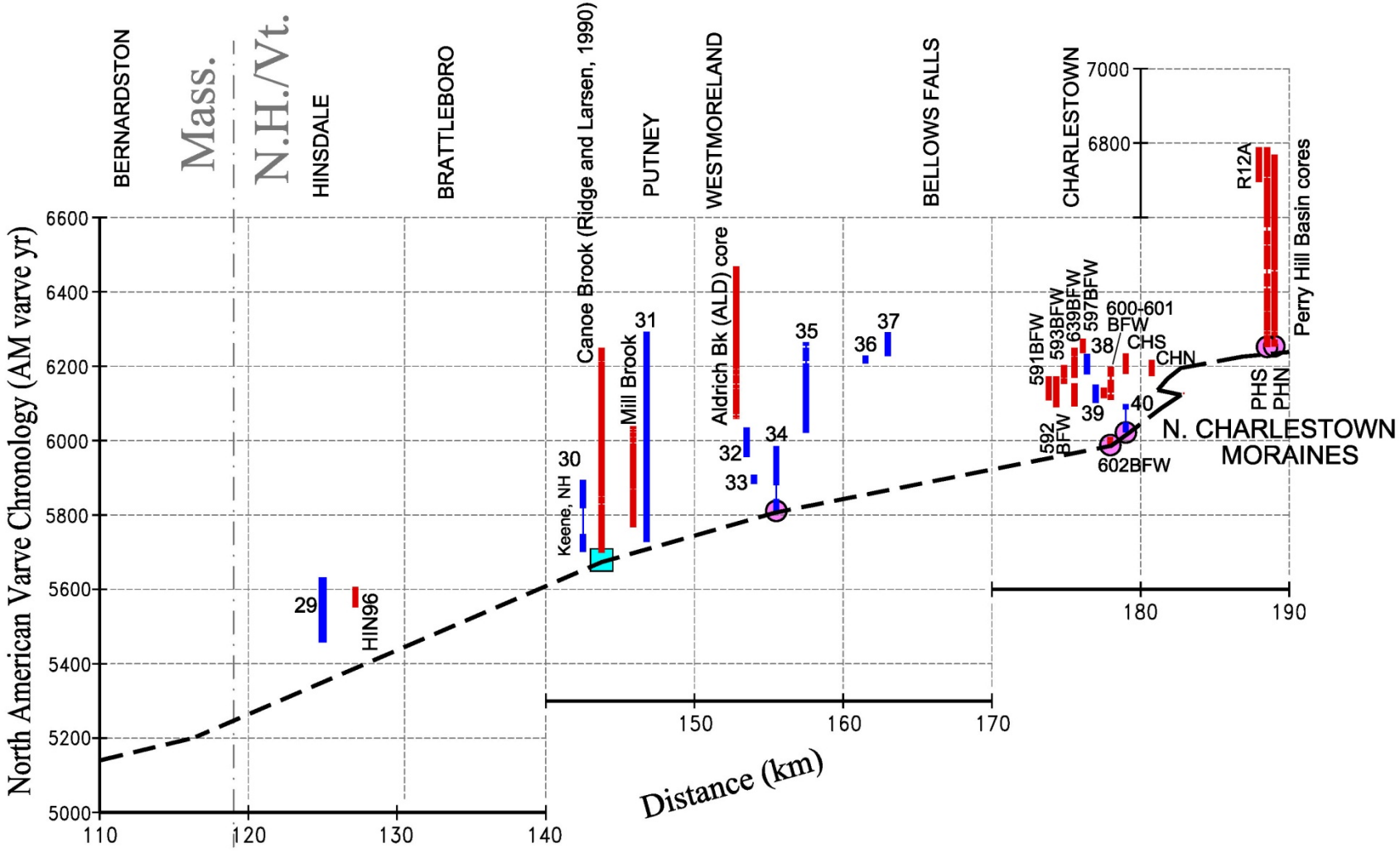
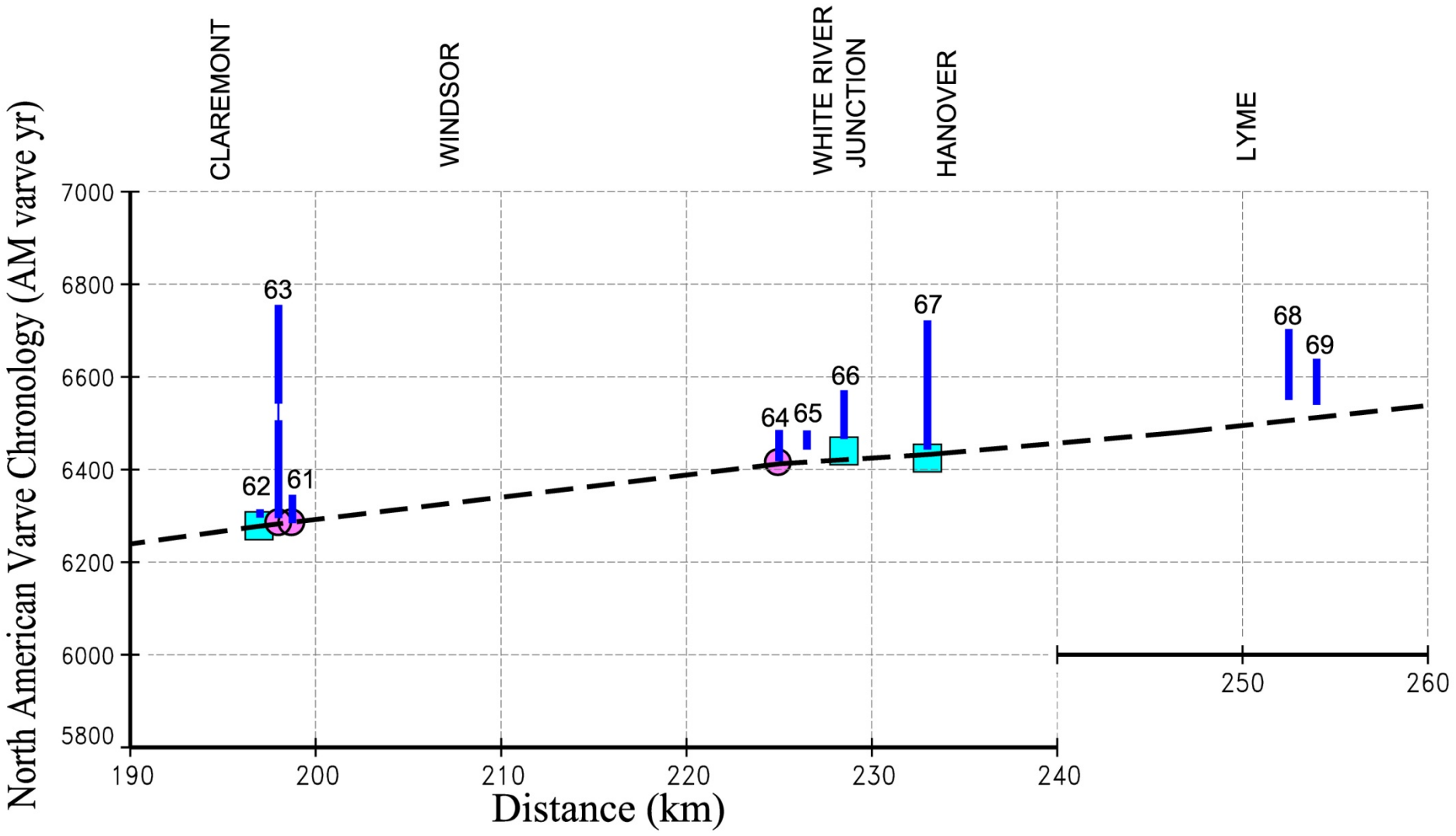
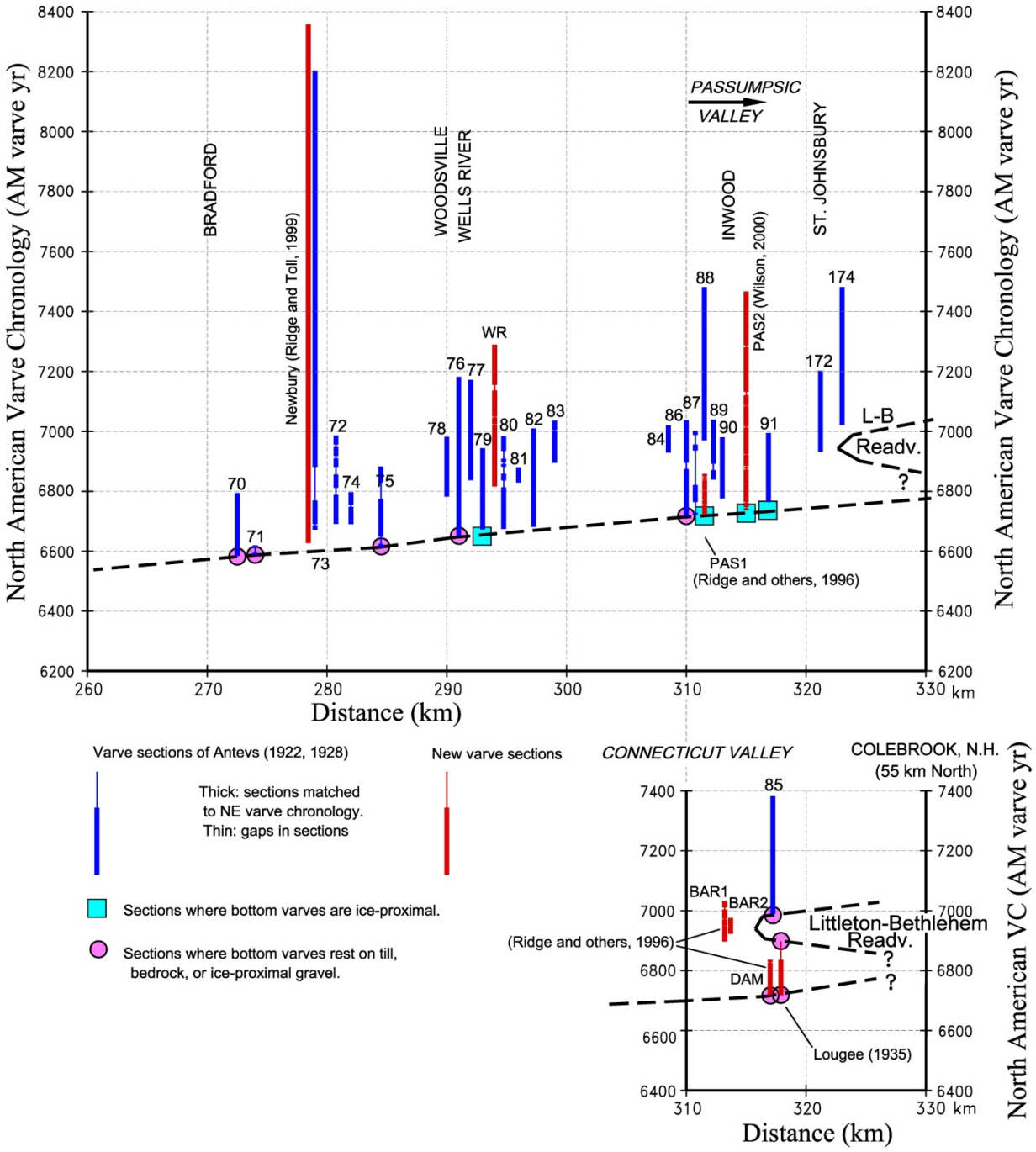
The following diagrams show the positions from south to north of varve sections measured in the Connecticut, Merrimack, and Hudson Valleys by Antevs (1922, 1928) and in more recent studies, and also their correlation in time in North American Varve Chronology (AM) varve years. Antevs' sections are in blues while more recent records are shown in red. The dashed line at the bottom of the sections is an interpreted of the age of deglaciation based on: 1) basal varves that rest on till, bedrock, or coarse stratified glacial deposits (circles) and 2) thick and sandy ice-proximal varves (squares).

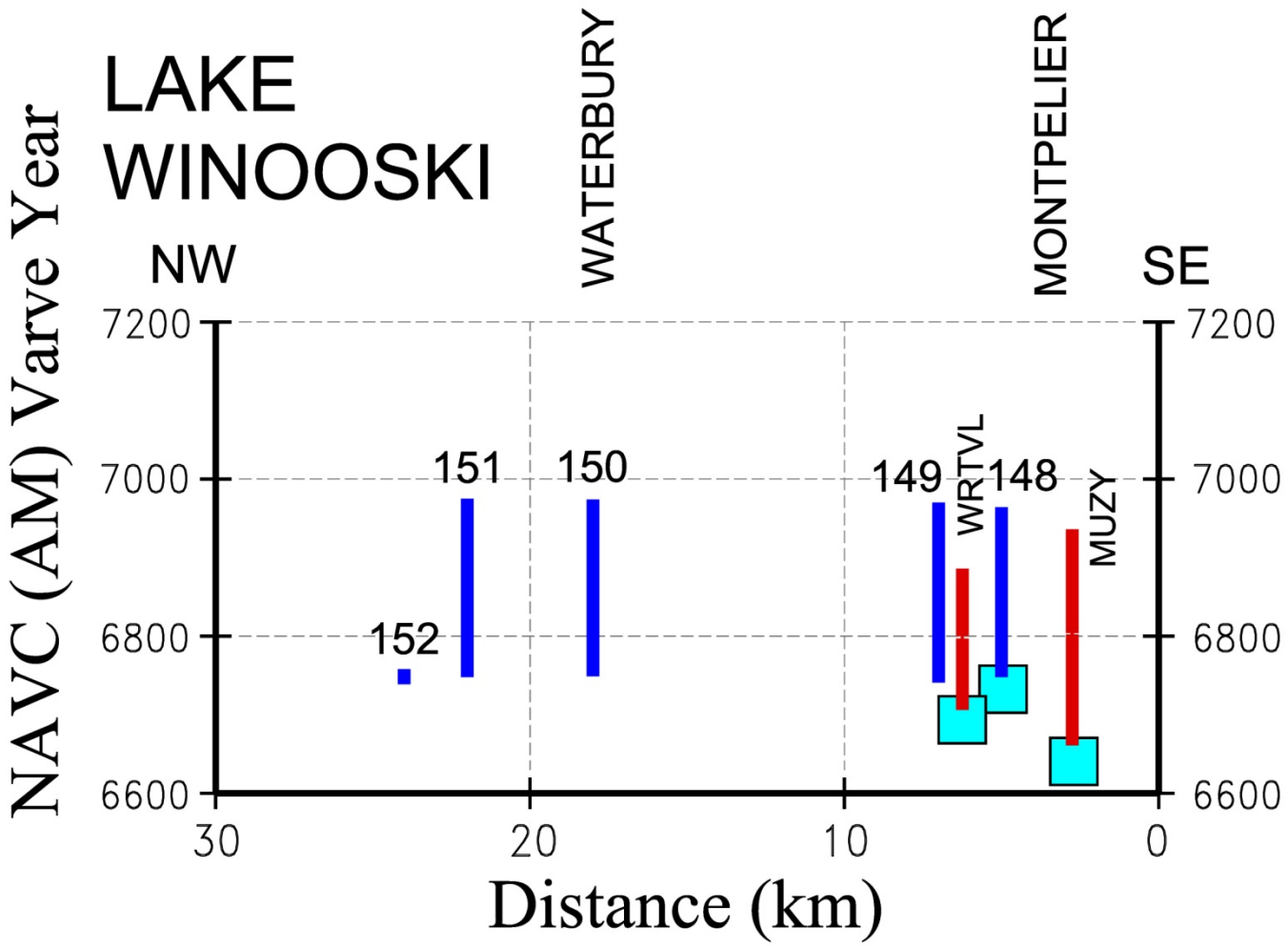

GLASTONBURY
HARTFORD
WINDSOR
Glastenbury core
Petersen Farm core
KF Brickyard
Scantic core
Conn.
Mass.
1
2
3
4
5
6
139
140
North American Varve Chronology (AM varve yr)
Distance (km)
4800
4600
4400
4200
4000
3800
3600
3400
3200
3000
2800
2600
0
10
20
30
40

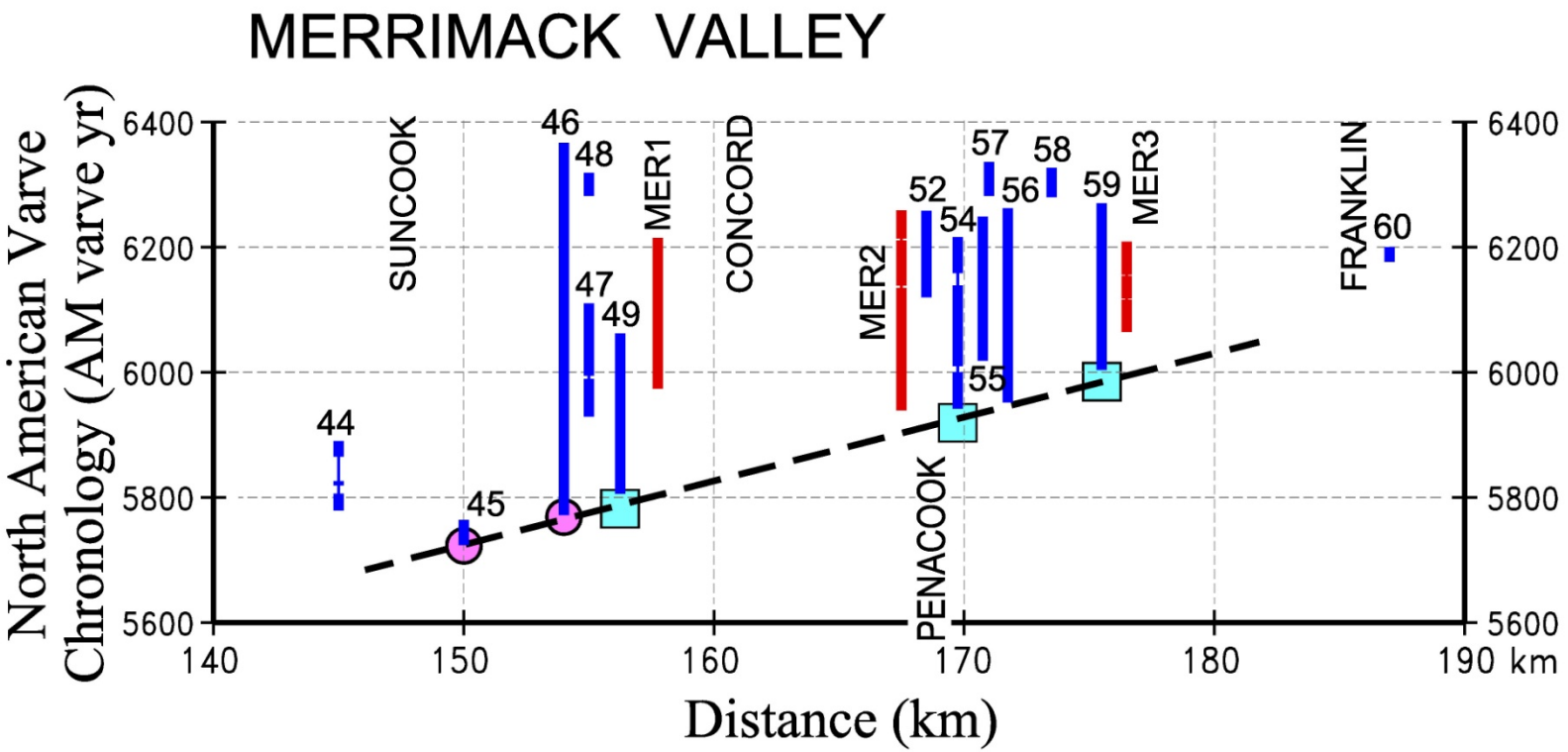

North American Varve Chronology (AM varve yr)
Distance (km)
SPRINGFIELD
CHICOPEE
HOLYOKE
NORTHAMPTON
AMHERST
TURNERS FALLS
South Hadley core
UMass core
North Hatfield core
River Road
(Thomas 1984, Levy 1998)
Chic1
Chicopee
Readvance
Hatfield Event
?
3200
3400
3600
3800
4000
4200
4400
4600
4800
5000
5200
5400
5600
5800
6000
40
50
60
70
80
90
100
110
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27
28


BERNARDSTON
Mass.
N.H./Vt.
HINSDALE
BRATTLEBORO
PUTNEY
WESTMORELAND
BELLOWS FALLS
CHARLESTOWN
North American Varve Chronology (AM varve yr)
Distance (km)
Canoe Brook (Ridge and Larsen, 1990)
Mill Brook
Aldrich Bk (ALD) core
Keene, NH
29
HIN96
30
31
32
33
34
35
36
37
591BFW
593BFW
639BFW
597BFW
600-601 BFW
38
CHS
CHN
39
40
592 BFW
602BFW
R12A
PHS
PHN
Perry Hill Basin cores
N. CHARLESTOWN MORAINES


CLAREMONT
WINDSOR
WHITE RIVER JUNCTION
HANOVER
LYME
North American Varve Chronology (AM varve yr)
7000
6800
6600
6400
6200
6000
5800
63
62
61
64
65
66
67
68
69
190
200
210
220
230
240
250
260
Distance (km)


North American Varve Chronology (AM varve yr)
North American Varve Chronology (AM varve yr)
Distance (km)
BRADFORD
Newbury (Ridge and Toll, 1999)
WOODSVILLE
WELLS RIVER
PASSUMPSIC
VALLEY
INWOOD
PAS2 (Wilson, 2000)
ST. JOHNSBURY
WR
L-B
Readv.
?
PAS1
(Ridge and others, 1996)
Varve sections of Antevs (1922, 1928)
Thick: sections matched
to NE varve chronology.
Thin: gaps in sections
New varve sections
Sections where bottom varves are ice-proximal.
Sections where bottom varves rest on till,
bedrock, or ice-proximal gravel.
CONNECTICUT VALLEY
COLEBROOK, N.H.
(55 km North)
BAR1
BAR2
(Ridge and others, 1996)
Littleton-Bethlehem
Readv.
DAM
Lougee (1935)
North American VC (AM varve yr)
Distance (km)


LAKE
WINOOSKI
NW
WATERBURY
MONTPELIER
SE
NAVC (AM) Varve Year
7200
7000
6800
6600
151
150
149
WRTVL
148
MUZY
152
30
20
10
0
Distance (km)


MERRIMACK VALLEY
North American Varve Chronology (AM varve yr)
6400
6200
6000
5800
5600
140
150
160
170
180
190 km
Distance (km)
SUNCOOK
CONCORD
PENACOOK
MER1
MER2
MER3
FRANKLIN
44
45
46
47
48
49
52
54
55
56
57
58
59
60

HUDSON VALLEY