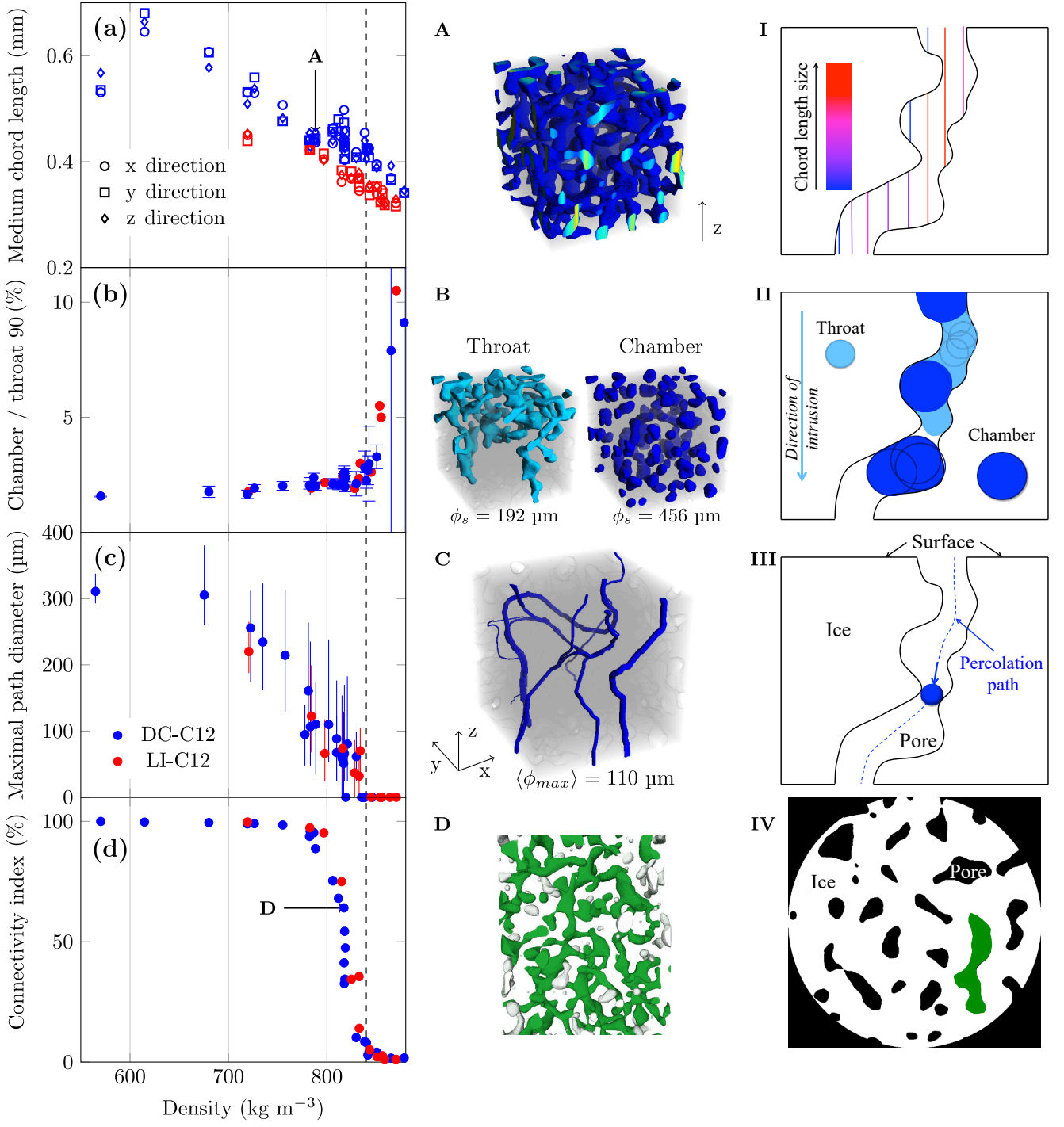
(a)
(b)
(c)
(d)
A
D
x direction
y direction
z direction
DC-C12
LI-C12
Medium chord length (mm)
Chamber / throat 90 (%)
Maximal path diameter (µm)
Connectivity index (%)
Density (kg m^{-3})
0.6
0.4
0.2
10
5
400
300
200
100
0
100
50
0
600
700
800
A
z
B
Throat
Chamber
$\phi_s = 192$ µm
$\phi_s = 456$ µm
C
z
y
x
$\langle \phi_{max} \rangle = 110$ µm
D
I
Chord length size
II
Throat
Chamber
Direction of intrusion
III
Surface
Ice
Percolation path
Pore
IV
Ice
Pore