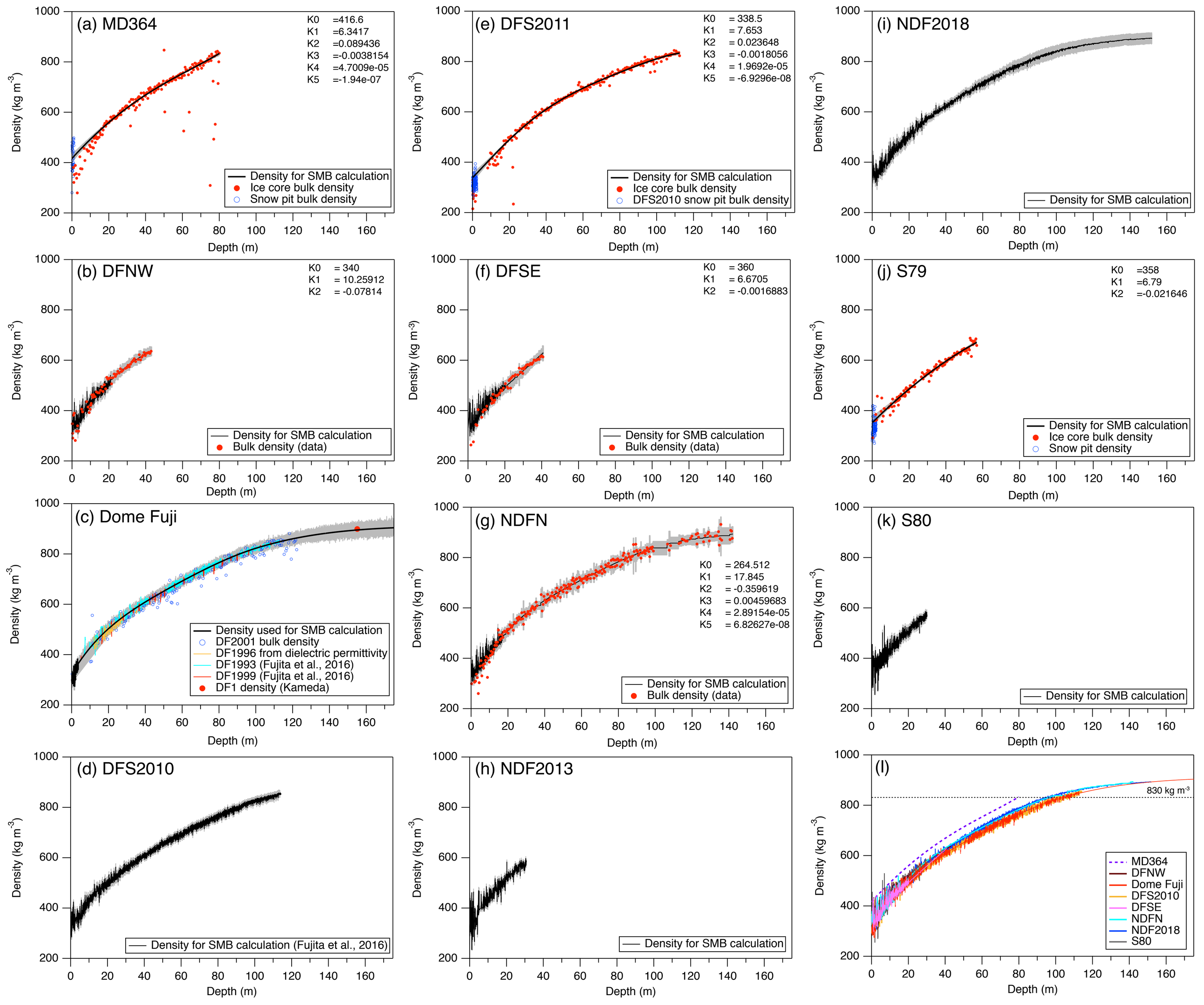
(a) MD364
K0 =416.6
K1 =6.3417
K2 =0.089436
K3 =-0.0038154
K4 =4.7009e-05
K5 =-1.94e-07
Density for SMB calculation
Ice core bulk density
Snow pit bulk density
(b) DFNW
K0 = 340
K1 = 10.25912
K2 = -0.07814
Density for SMB calculation
Bulk density (data)
(c) Dome Fuji
Density used for SMB calculation
DF2001 bulk density
DF1996 from dielectric permittivity
DF1993 (Fujita et al., 2016)
DF1999 (Fujita et al., 2016)
DF1 density (Kameda)
(d) DFS2010
Density for SMB calculation (Fujita et al., 2016)
(e) DFS2011
K0 = 338.5
K1 = 7.653
K2 = 0.023648
K3 = -0.0018056
K4 = 1.9692e-05
K5 = -6.9296e-08
Density for SMB calculation
Ice core bulk density
DFS2010 snow pit bulk density
(f) DFSE
K0 = 360
K1 = 6.6705
K2 = -0.0016883
Density for SMB calculation
Bulk density (data)
(g) NDFN
K0 = 264.512
K1 = 17.845
K2 = -0.359619
K3 = 0.00459683
K4 = 2.89154e-05
K5 = 6.82627e-08
Density for SMB calculation
Bulk density (data)
(h) NDF2013
Density for SMB calculation
(i) NDF2018
Density for SMB calculation
(j) S79
K0 =358
K1 =6.79
K2 =-0.021646
Density for SMB calculation
Ice core bulk density
Snow pit density
(k) S80
Density for SMB calculation
(l)
830 kg m-3
MD364
DFNW
Dome Fuji
DFS2010
DFSE
NDFN
NDF2018
S80
Density (kg m-3)
Depth (m)