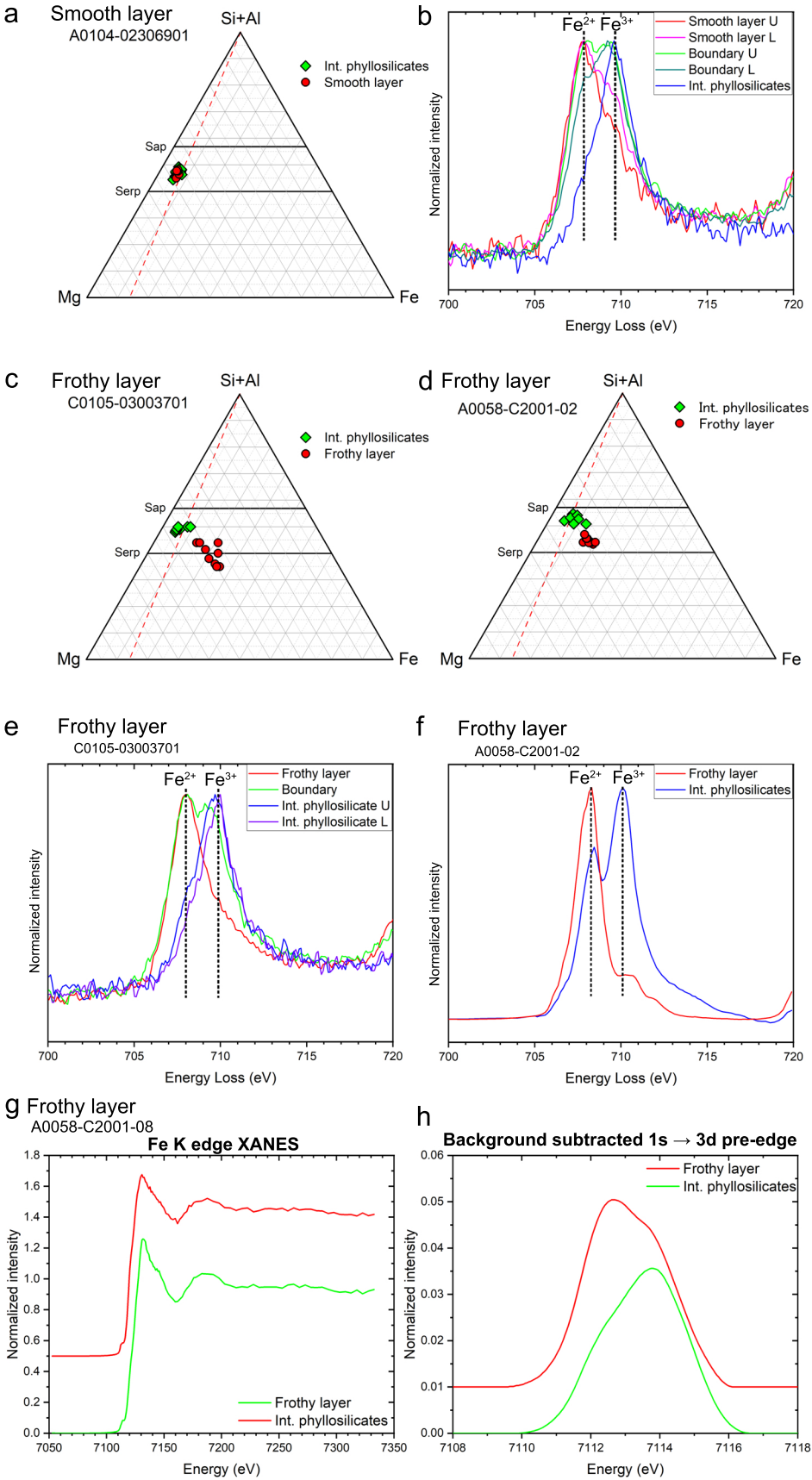
a
Smooth layer
A0104-02306901
Si+Al
Int. phyllosilicates
Smooth layer
Sap
Serp
Mg
Fe
b
Fe2+ Fe3+
Smooth layer U
Smooth layer L
Boundary U
Boundary L
Int. phyllosilicates
Normalized intensity
Energy Loss (eV)
c
Frothy layer
C0105-03003701
Si+Al
Int. phyllosilicates
Frothy layer
Sap
Serp
Mg
Fe
d
Frothy layer
A0058-C2001-02
Si+Al
Int. phyllosilicates
Frothy layer
Sap
Serp
Mg
Fe
e
Frothy layer
C0105-03003701
Fe2+ Fe3+
Frothy layer
Boundary
Int. phyllosilicate U
Int. phyllosilicate L
Normalized intensity
Energy Loss (eV)
f
Frothy layer
A0058-C2001-02
Fe2+ Fe3+
Frothy layer
Int. phyllosilicates
Normalized intensity
Energy Loss (eV)
g
Frothy layer
A0058-C2001-08
Fe K edge XANES
Frothy layer
Int. phyllosilicates
Normalized intensity
Energy (eV)
h
Background subtracted 1s → 3d pre-edge
Frothy layer
Int. phyllosilicates
Normalized intensity
Energy (eV)