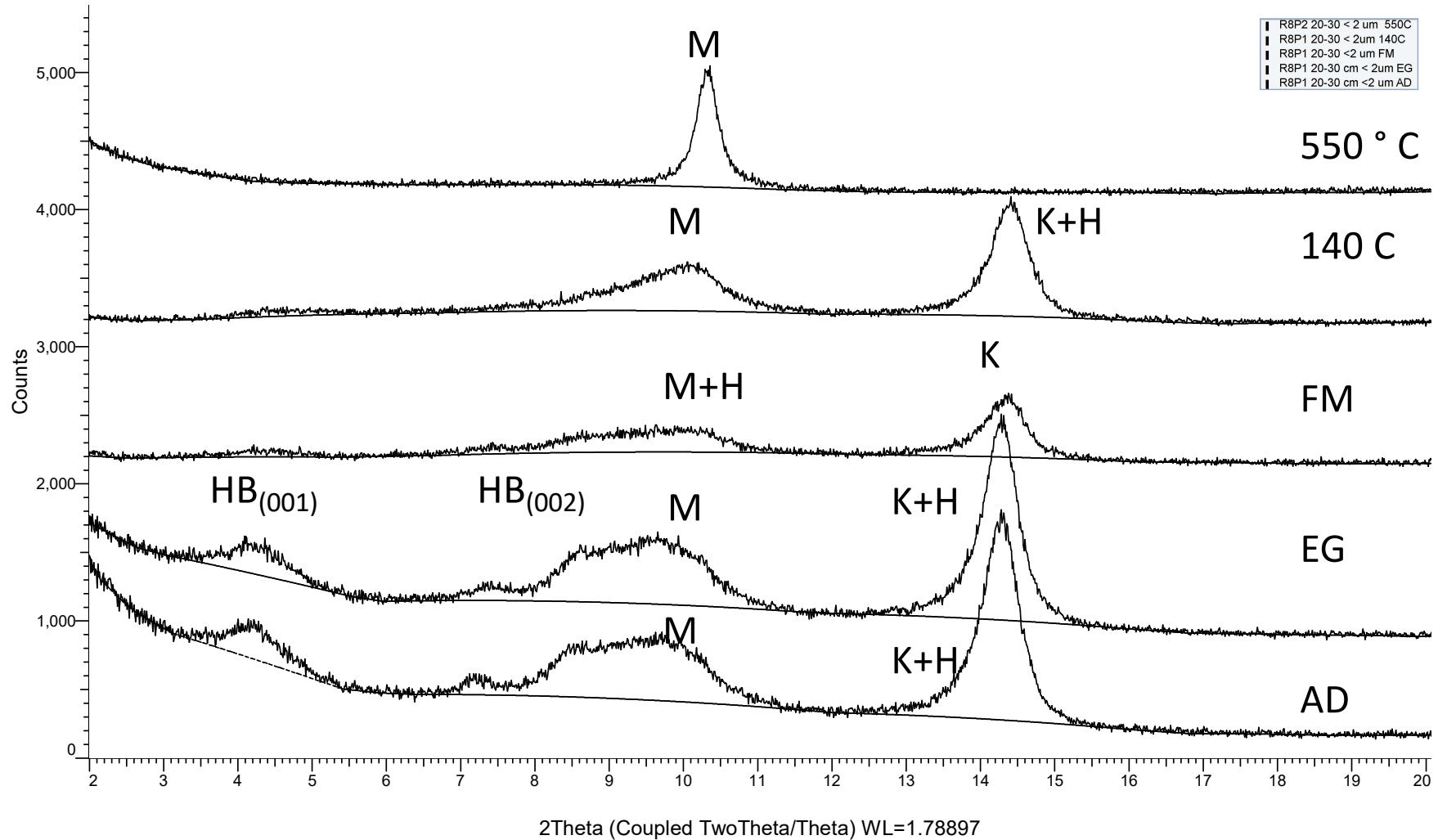
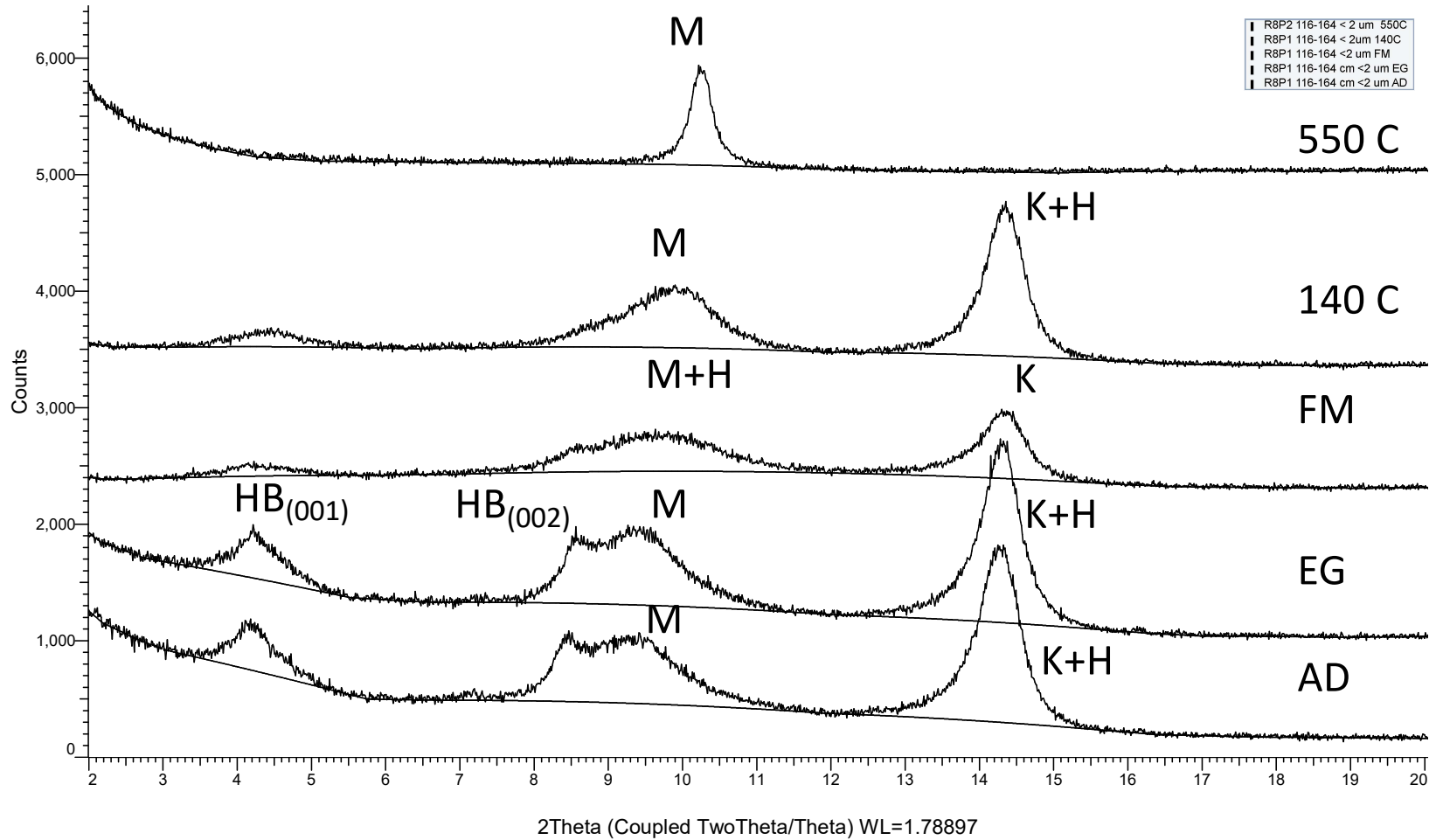


# R8P1 20-30 < 2um 140C (Coupled TwoTheta/Theta)



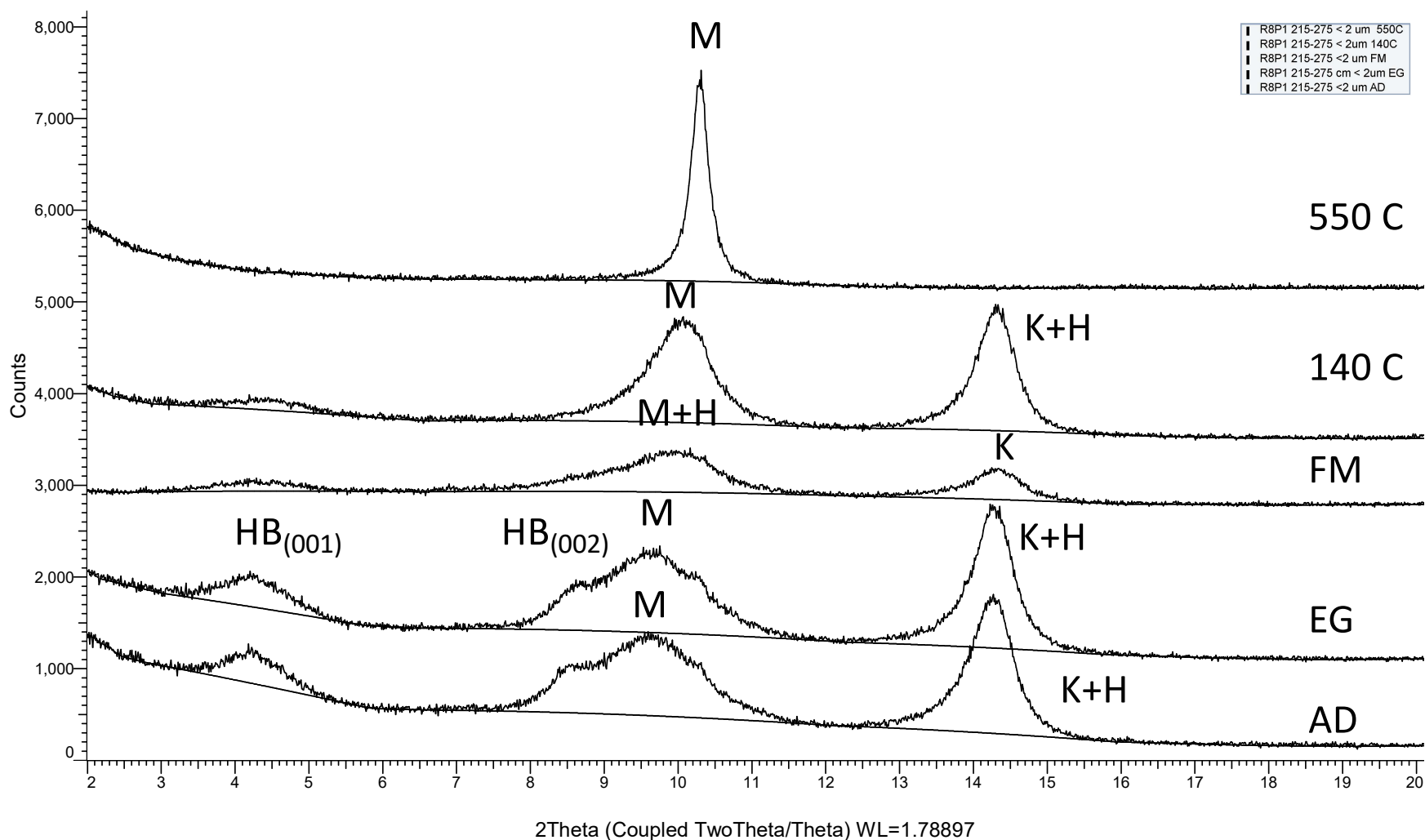
AD = Air dried. EG = Ethylene glycol. FM = Formamide. 140C = heated to 140°C.  
 550C = heated to 550° C HB = Hydrobiotite M = Mica K = Kaolinite H = Halloysite

R8P1 116-164 < 2um 140C (Coupled TwoTheta/Theta)



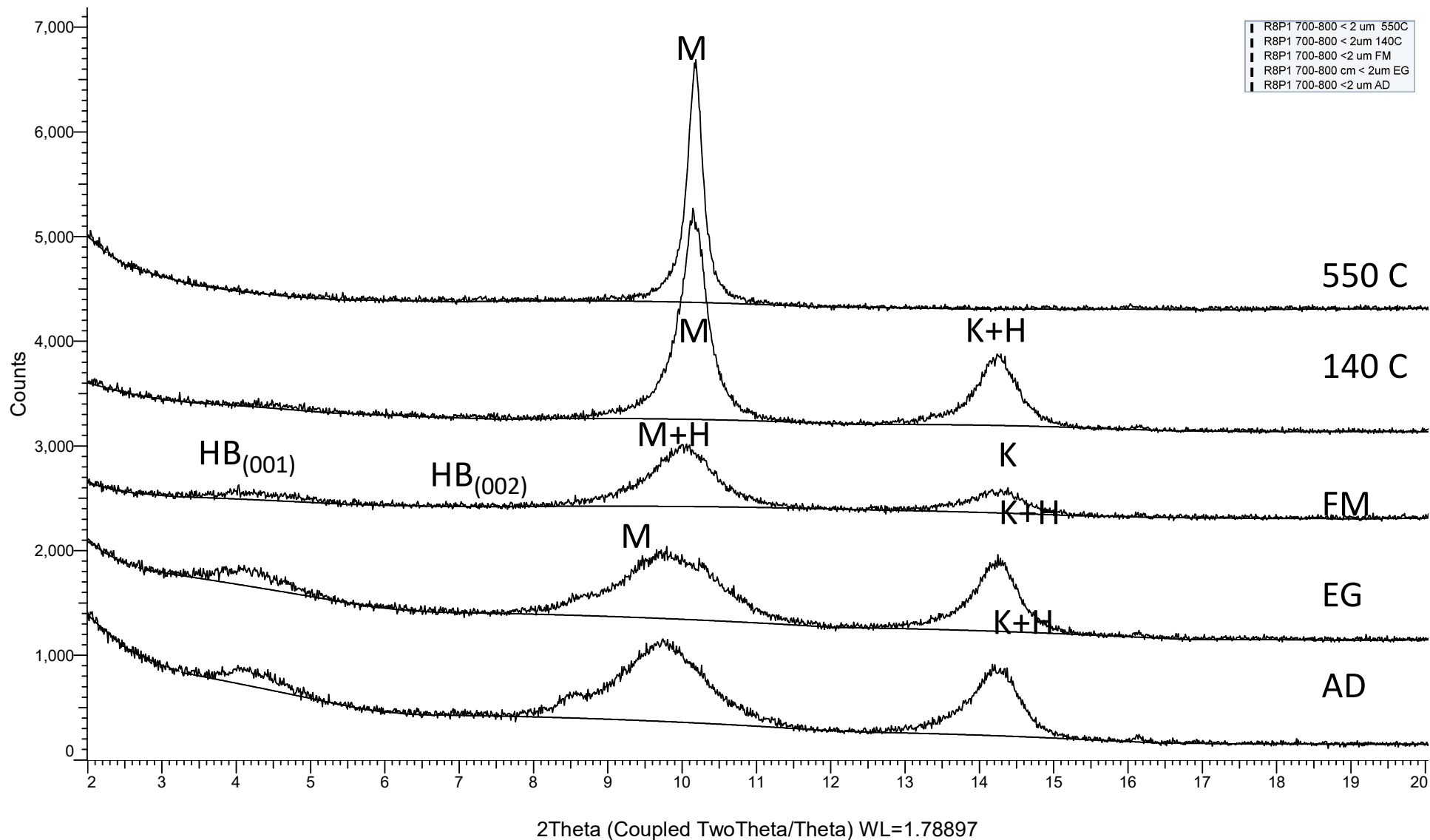
AD = Air dried    EG = Ethylene glycol    FM = Formamide    140C = heated to 140°C  
 550C = heated to 550° C    HB = Hydrobiotite    M = Mica    K = Kaolinite    H = Halloysite

# R8P1 215-275 < 2um 140C (Coupled TwoTheta/Theta)



AD = Air dried EG = Ethylene glycol FM = Formamide 140C = heated to 140°C  
 550C = heated to 550° C HB = Hydrobiotite M = Mica K = Kaolinite H = Halloysite

# R8P1 700-800 < 2um 140C (Coupled TwoTheta/Theta)

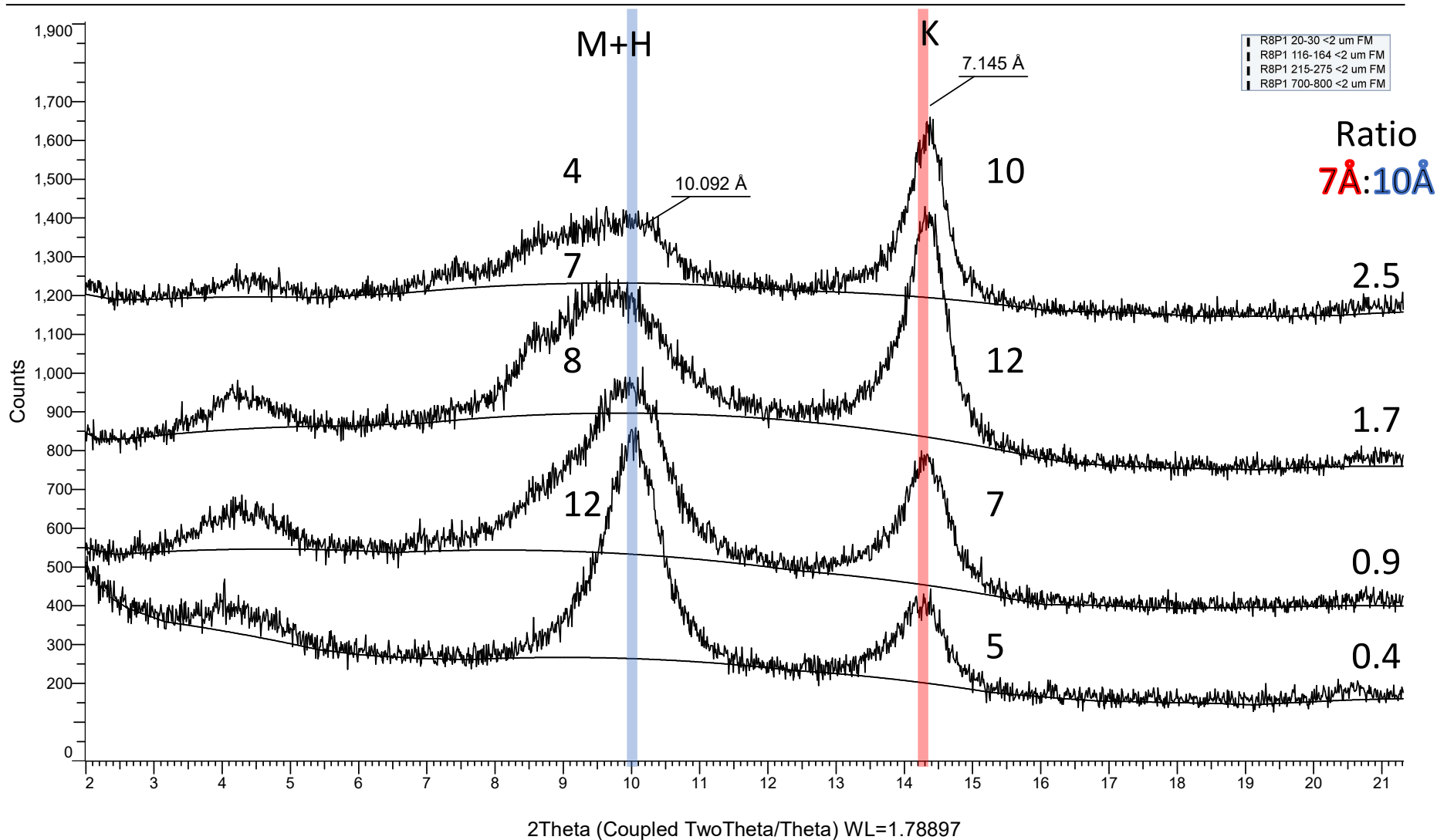


AD = Air dried. EG = Ethylene glycol. FM = Formamide. 140C = heated to 140°C.  
 550C = heated to 550° C HB = Hydrobiotite M = Mica K = Kaolinite H = Halloysite

# Formamide treated oriented < 2 μm fraction

R8P1

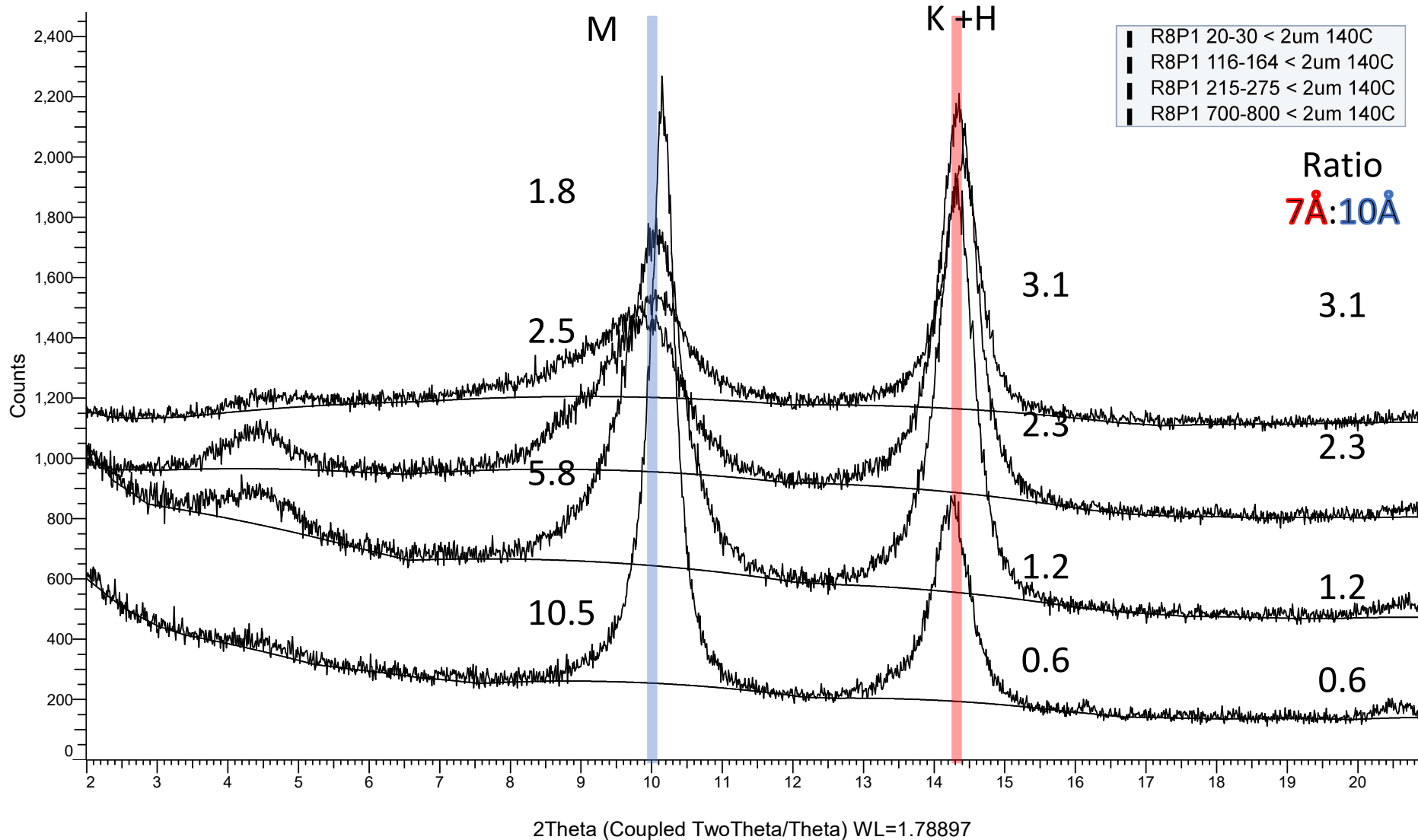
<2 um FM (Coupled TwoTheta/Theta)



Numbers are arbitrary relative intensity above baseline

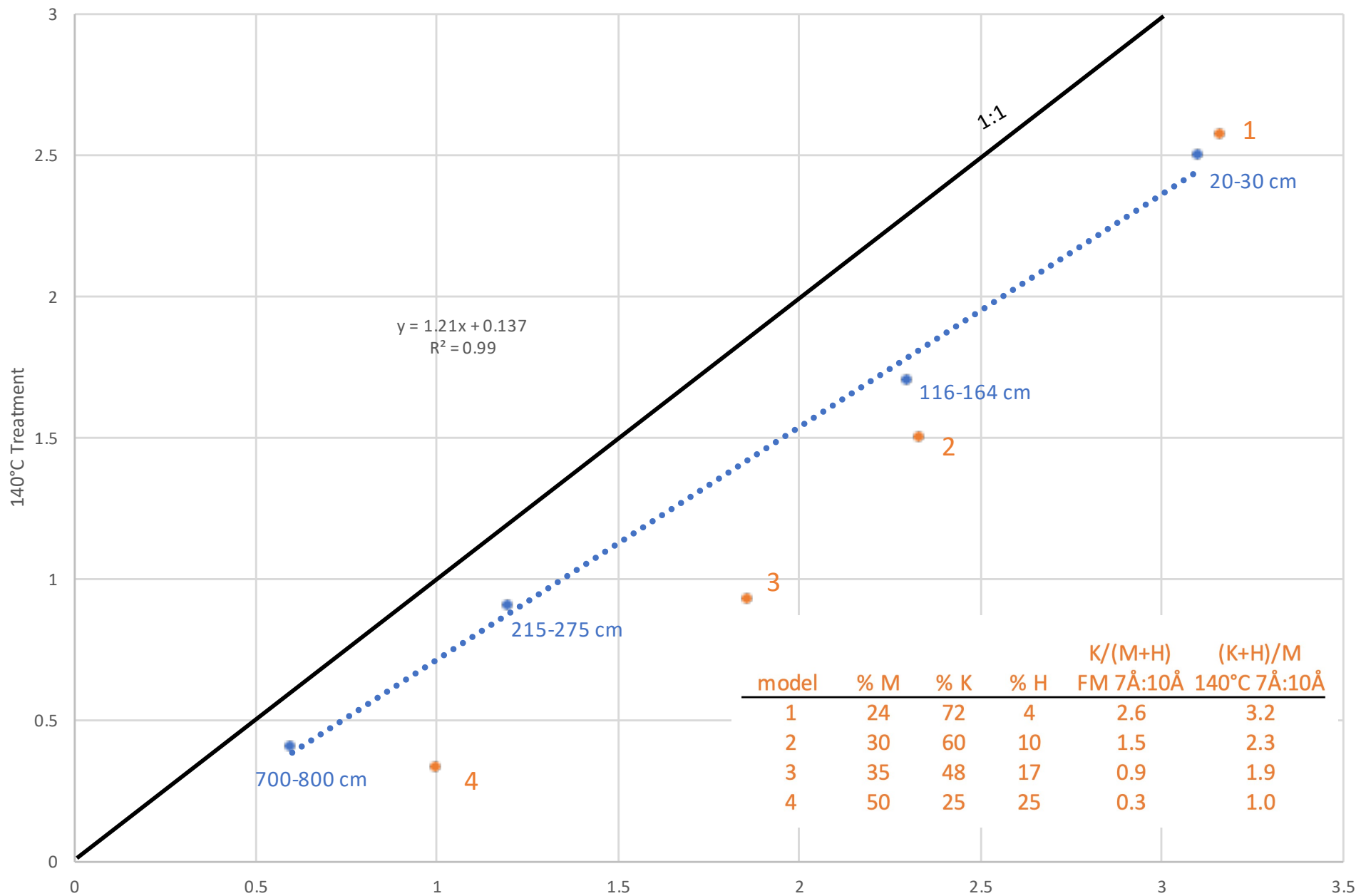
# 140°C treated oriented < 2 μm fraction

R8P1 2 < 2um 140C (Coupled TwoTheta/Theta)



Numbers are arbitrary relative intensity above baseline

# FM versus 140°C 7Å:10Å



model	% M	% K	% H	K/(M+H) FM 7Å:10Å	(K+H)/M 140°C 7Å:10Å
1	24	72	4	2.6	3.2
2	30	60	10	1.5	2.3
3	35	48	17	0.9	1.9
4	50	25	25	0.3	1.0

