Methylene Glycol Clack Reaction log at [sho) th) I cal p + A pol = sho pol * Gather Data in Pairs. * Work Calculations & process data separately Rate Law

x A + y B - D = C + wD

. Powers are orders of reaction rate = K[A][B] b. Powers are orders of reaction not to be confused with stoichiometric coefficients. · Overall order is som. rate = d[product] = d [reactant] [] = moles Mechanism

CH2(OH) = HCHO + H20 Slowest = defermining HCHO + 5032 = Hz (0 (503) 560 H2 CO (503)2+H = H2 (OH(503) Fast H503 = ++ + 5032 - Fast CH2(0H)2 + H503 = H2 (0H (503) - Overall A = collision frequency

Products R k=Ae Avvenhius Iq. h= specific rute luk=luA-En -1

