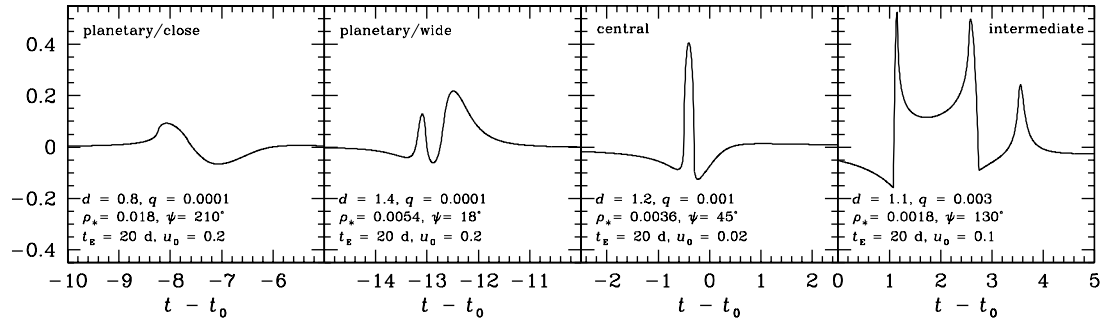
planetary/close
planetary/wide
central
intermediate
Δm
0.4
0.2
0
−0.2
−0.4
d = 0.8, q = 0.0001
ρ* = 0.018, ψ = 210°
tE = 20 d, u0 = 0.2
d = 1.4, q = 0.0001
ρ* = 0.0054, ψ = 18°
tE = 20 d, u0 = 0.2
d = 1.2, q = 0.001
ρ* = 0.0036, ψ = 45°
tE = 20 d, u0 = 0.02
d = 1.1, q = 0.003
ρ* = 0.0018, ψ = 130°
tE = 20 d, u0 = 0.1
−10 −9 −8 −7 −6
−14 −13 −12 −11
−2 −1 0 1 2
0 1 2 3 4 5
t − t0
t − t0
t − t0
t − t0