

Figure 1. Wind Rose for Lyneham, 1995.

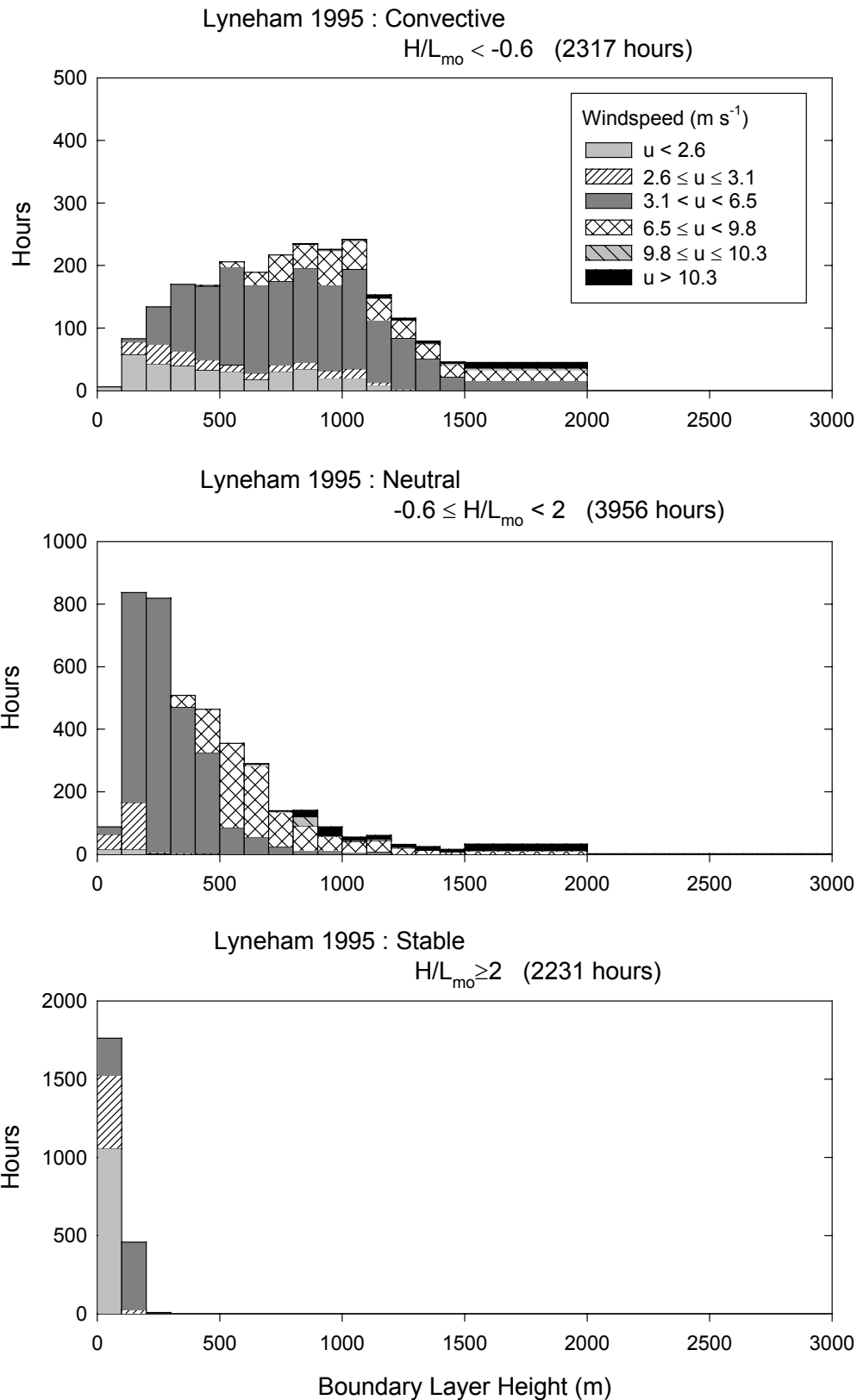


Figure 2. Breakdown of meteorological data for Lyneham, 1995, by stability, wind speed and boundary layer height. Values of H and L_{mo} taken from the ADMS meteorological pre-processor.

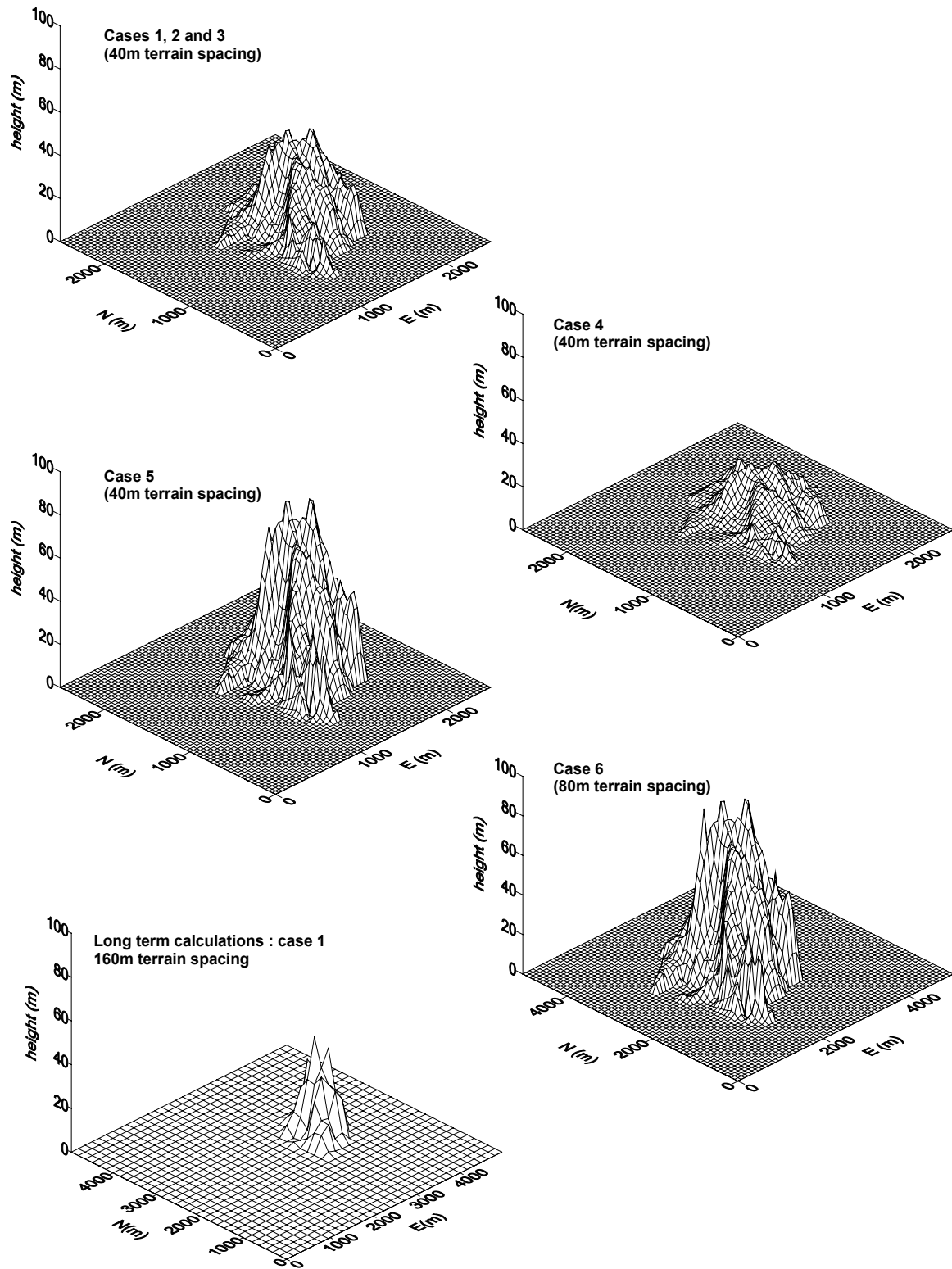


Figure 3. Perspective views of the terrain test cases.

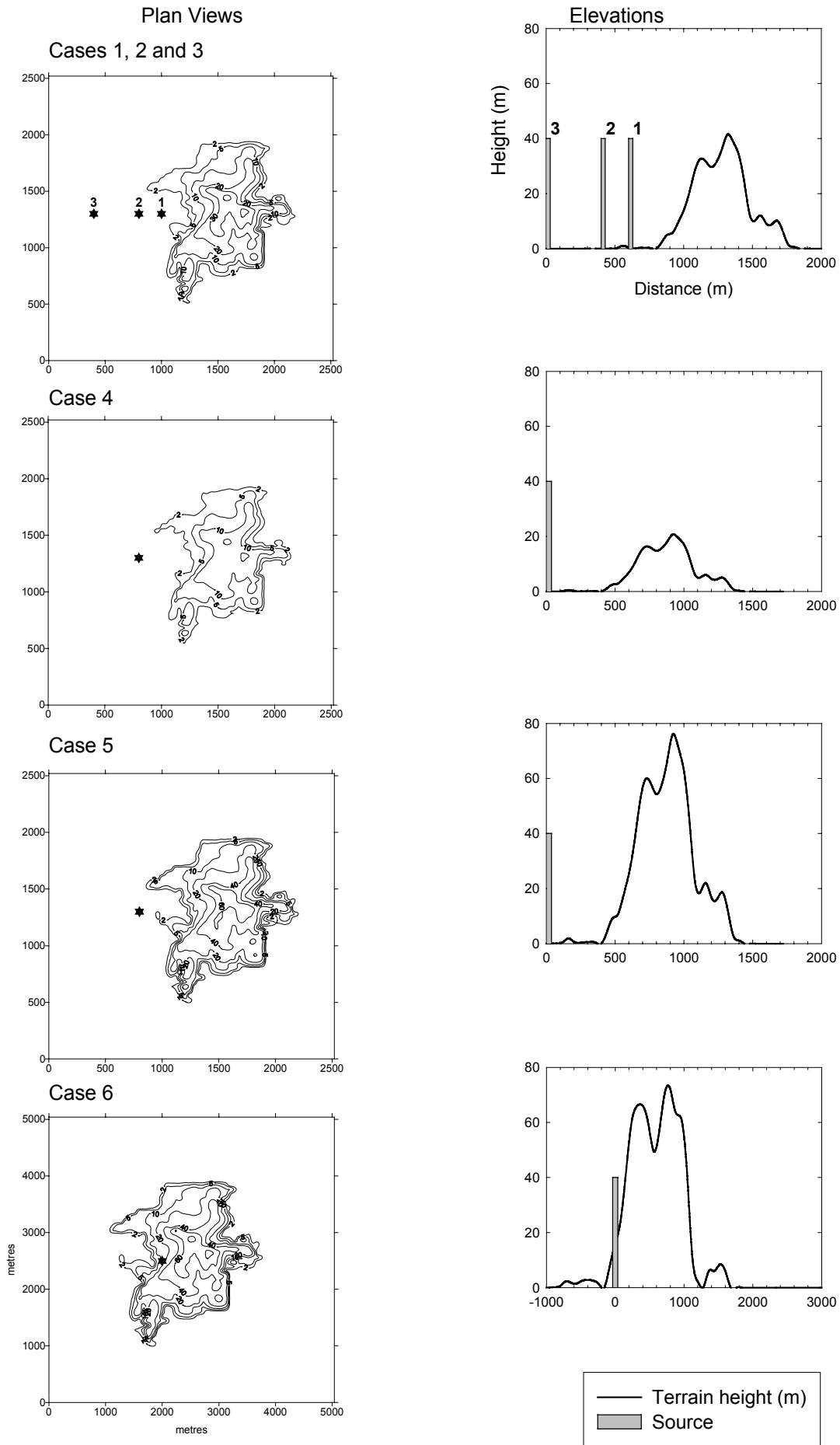


Figure 4. Plan and elevation views of the terrain test cases.

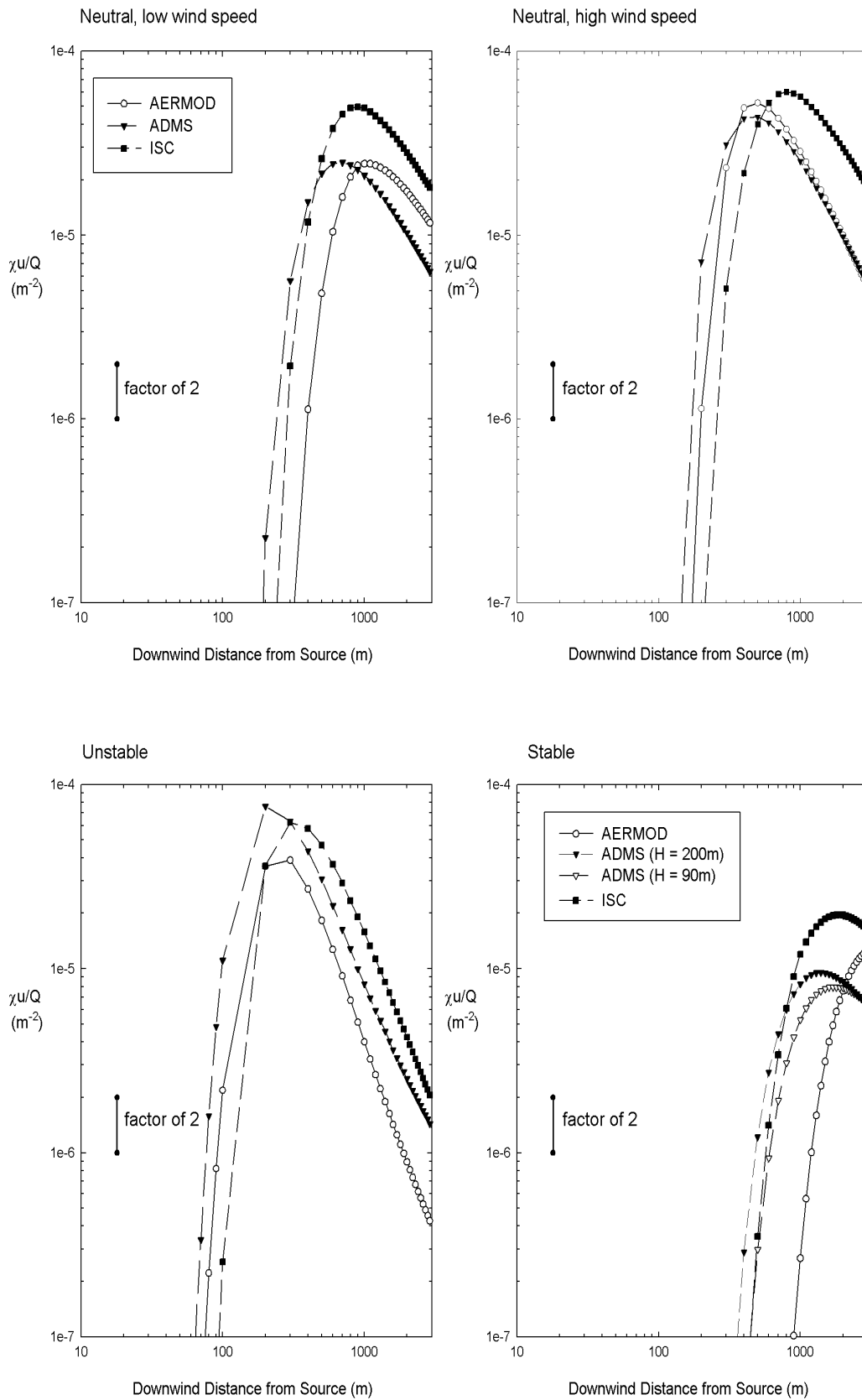


Figure 5. Basic dispersion rates for single conditions. Normalised ground level plume centreline concentrations. 40m stack discharge, no buoyancy.

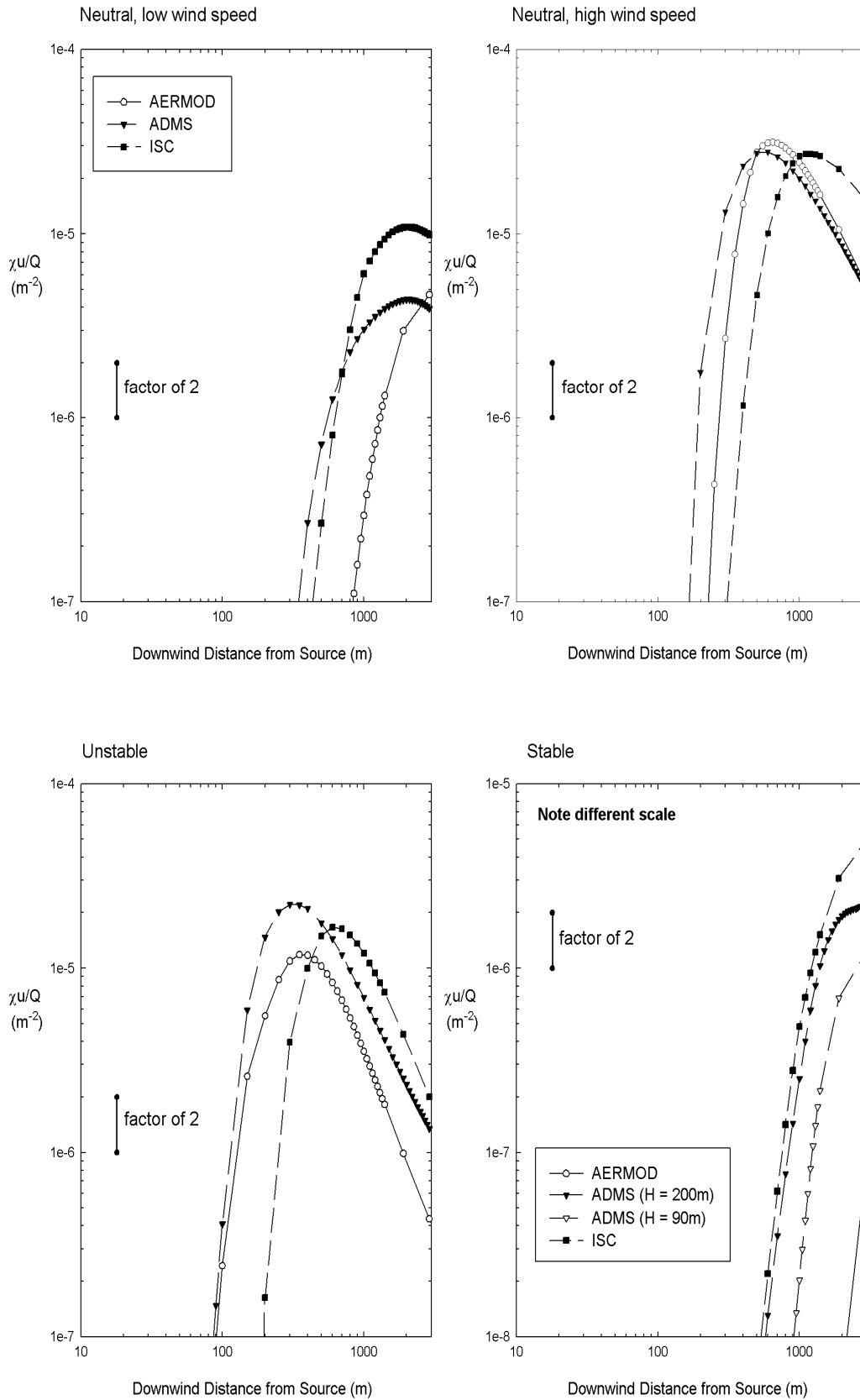


Figure 6. Basic dispersion rates for single conditions. Normalised ground level plume centreline concentrations. 40m stack discharge, with buoyancy.

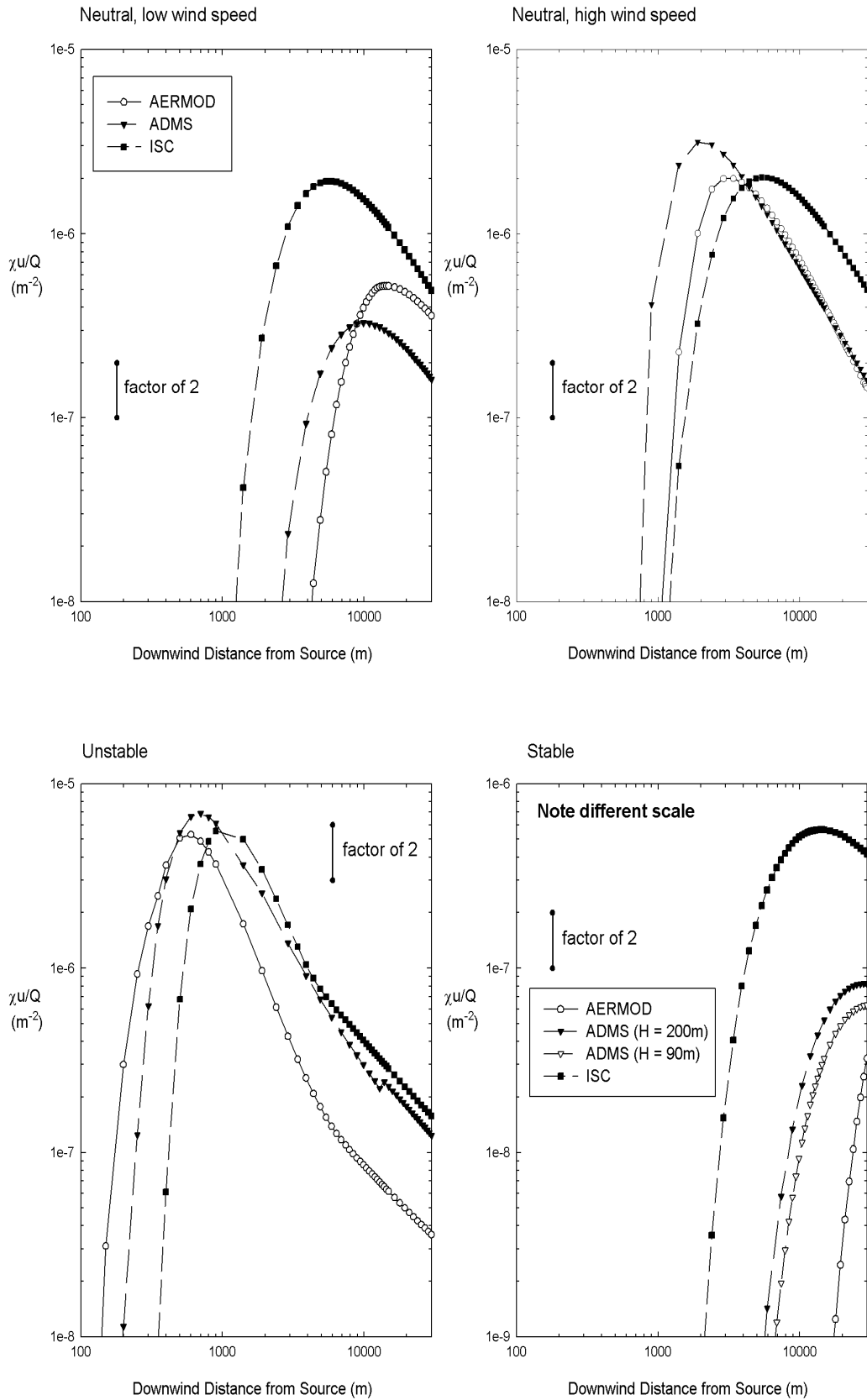


Figure 7. Basic dispersion rates for single conditions. Normalised ground level plume centreline concentrations. 150m stack discharge, no buoyancy.

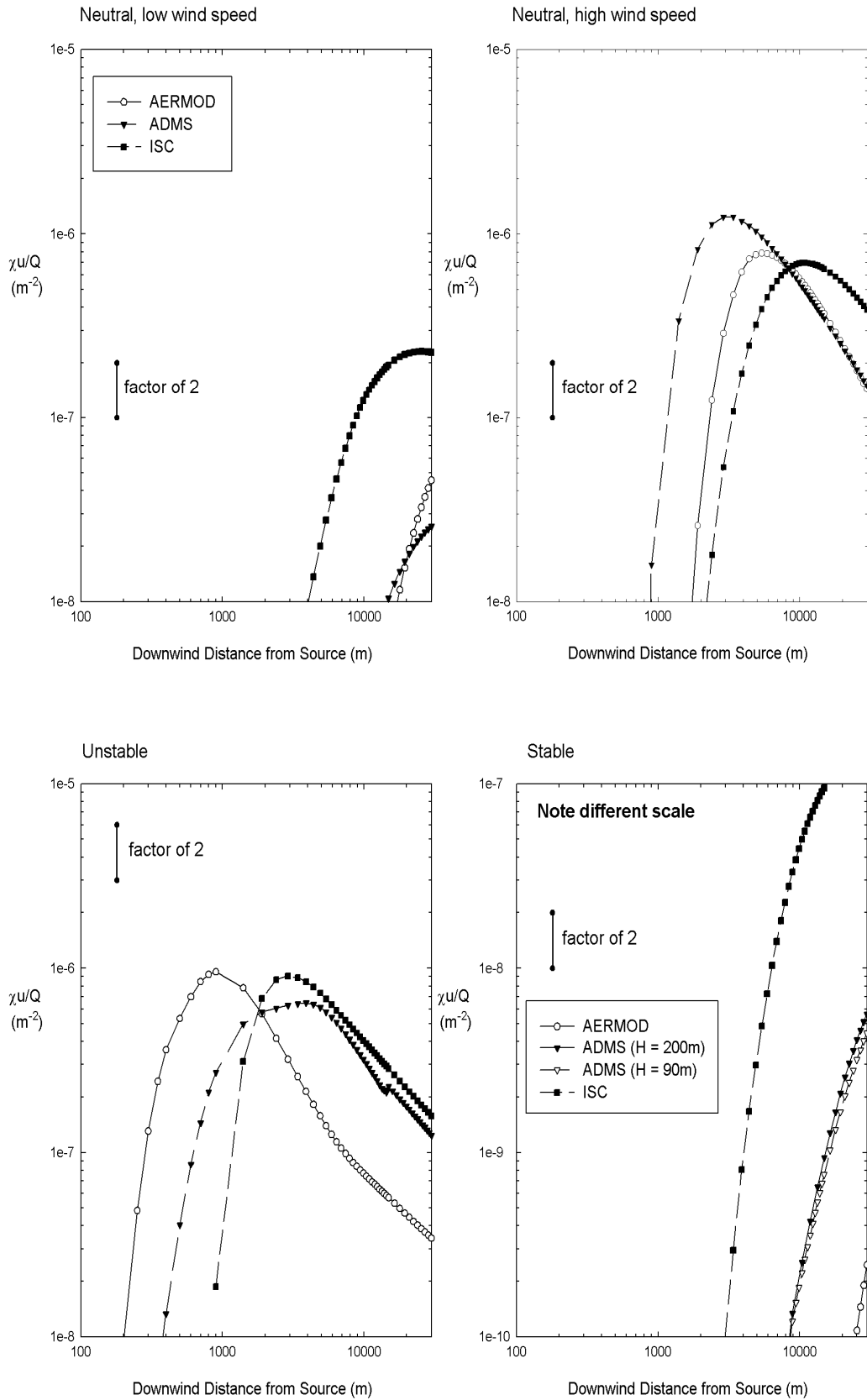
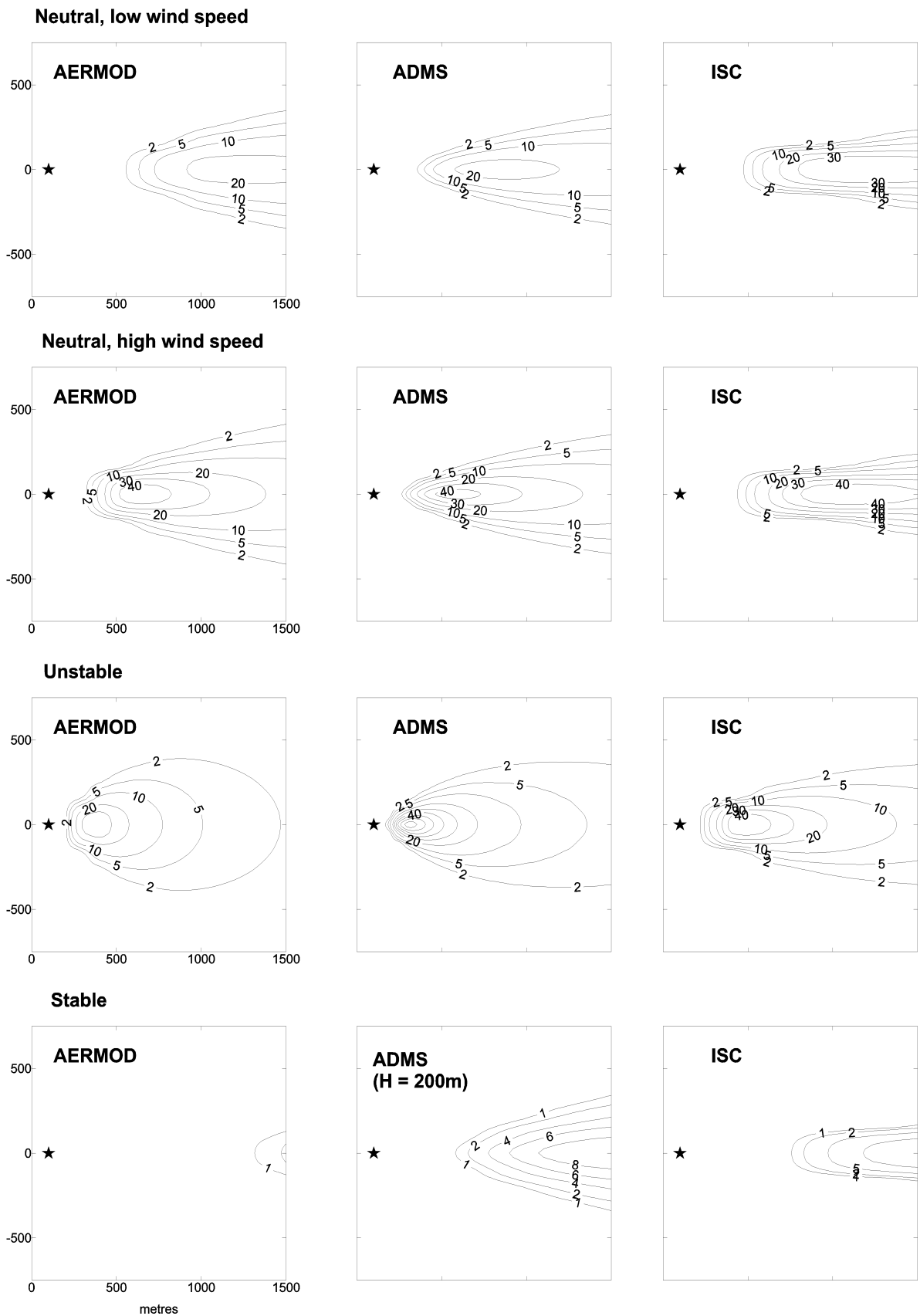
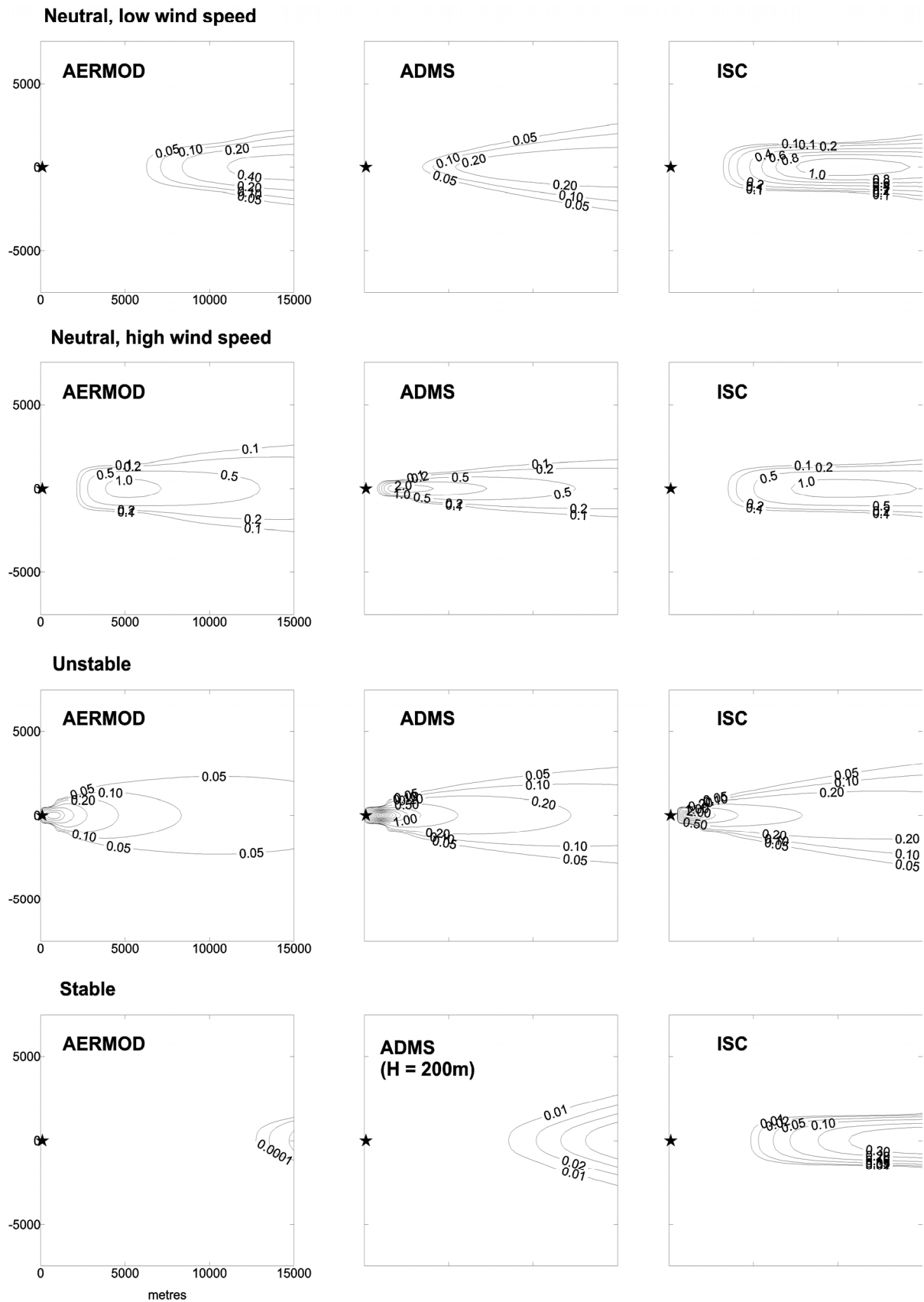


Figure 8. Basic dispersion rates for single conditions. Normalised ground level plume centreline concentrations. 150m stack discharge, with buoyancy.



(Contours labelled as normalised values x 1,000,000)

Figure 9. Basic dispersion rates for single conditions.
 Normalised ground level concentration contours.
 40m stack discharge, no buoyancy.



(Contours labelled as normalised values x 1,000,000)

Figure 10. Basic dispersion rates for single conditions.
 Normalised ground level concentration contours.
 150m stack discharge, no buoyancy.