

Figure A 84: Oxygen and steam concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c3\_1a, containment node 8)

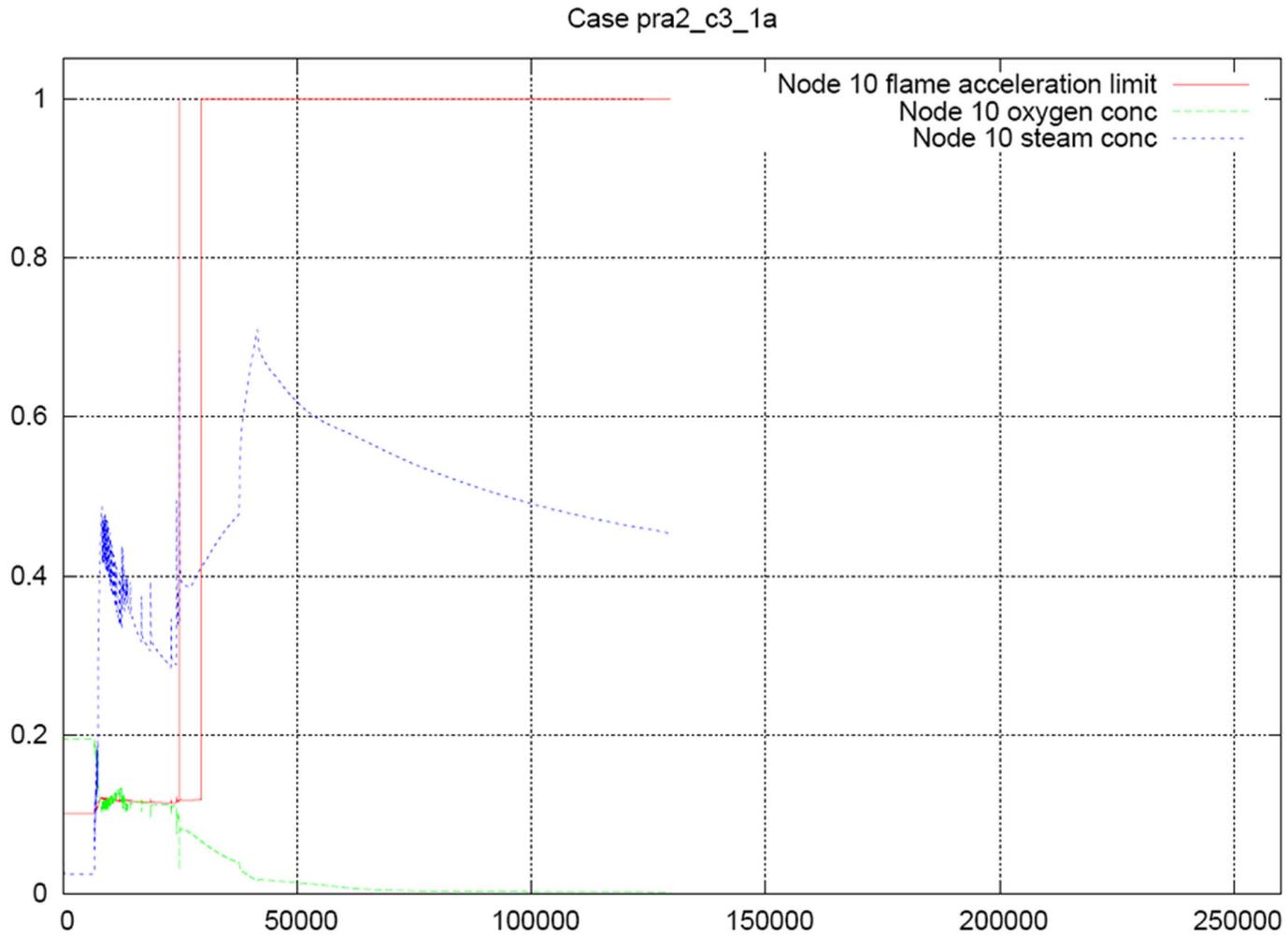
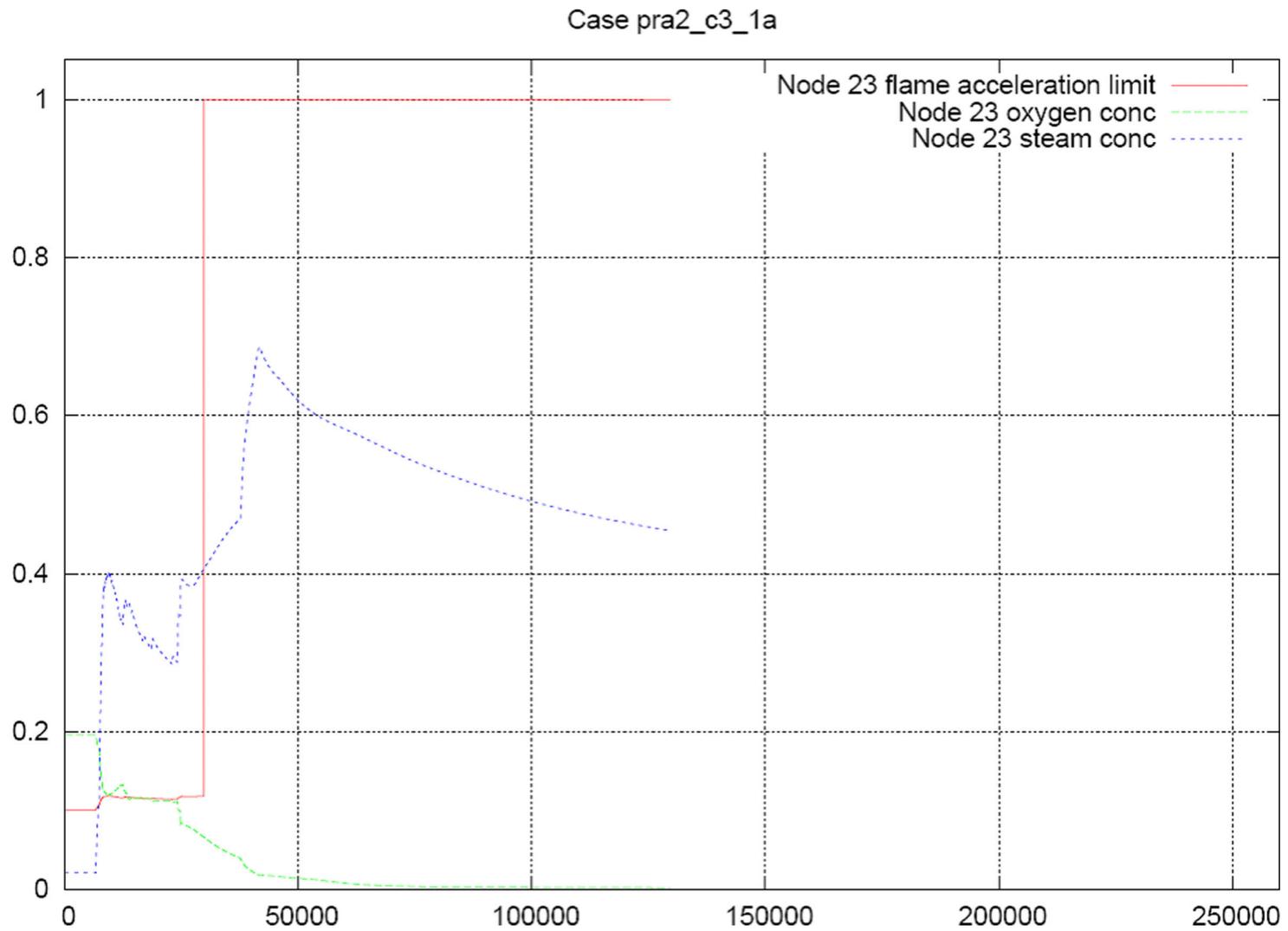


Figure A 85: Oxygen and steam concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c3\_1a, containment node 10)



**Figure A 86: Oxygen and steam concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c3\_1a, containment node 23)**

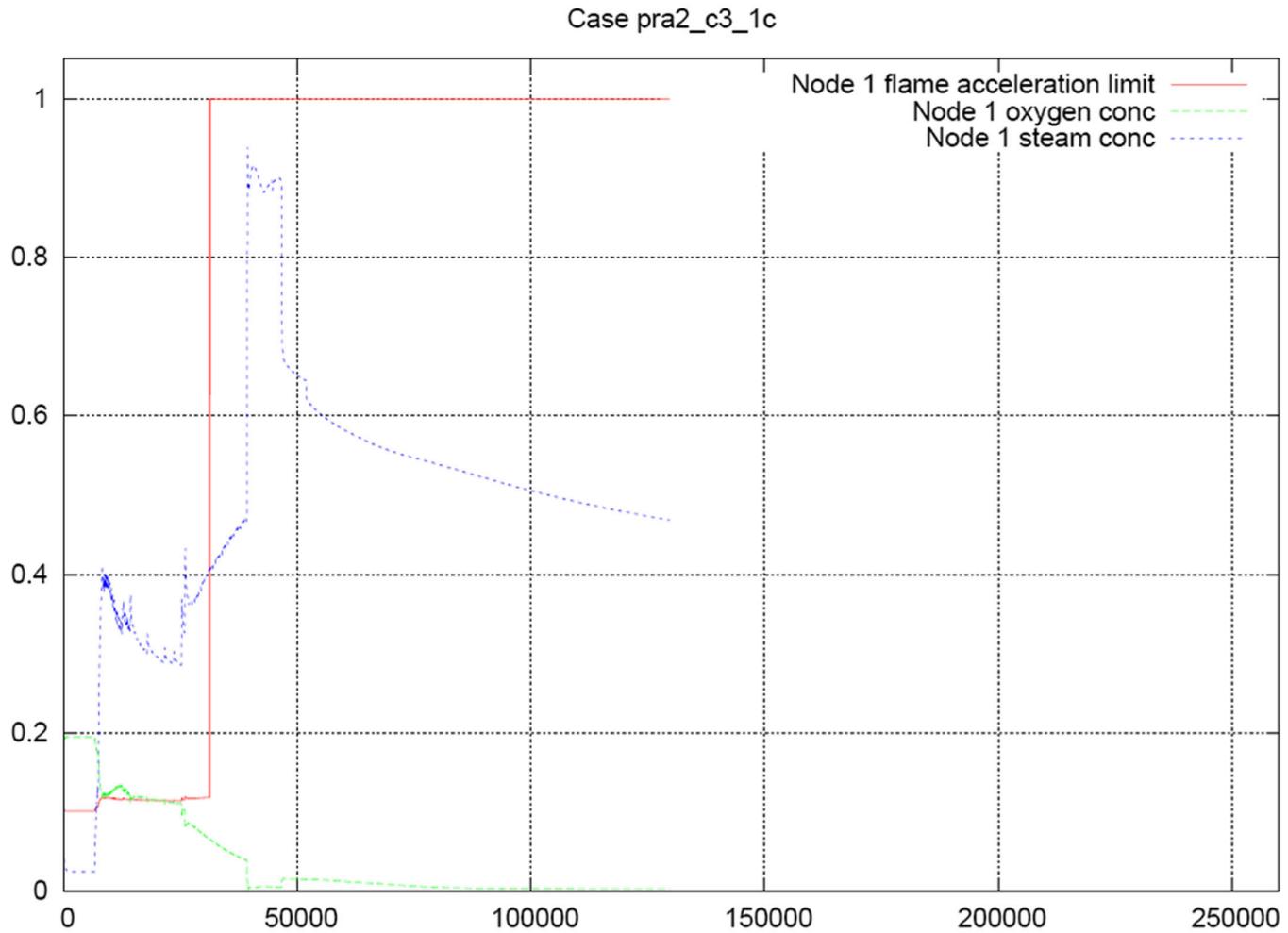
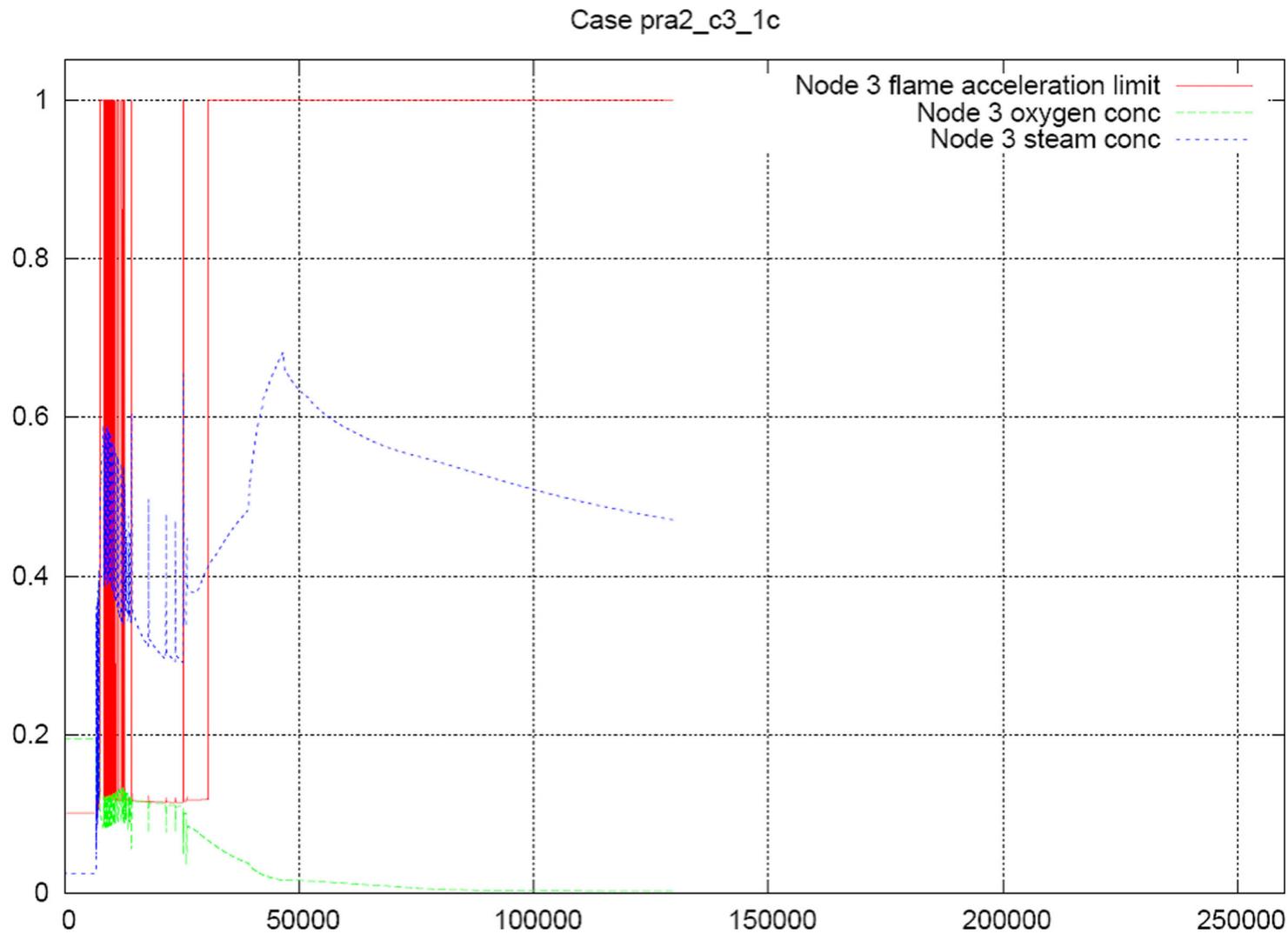


Figure A 87: Oxygen and steam concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c3\_1c, containment node 1)



**Figure A 88: Oxygen and steam concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c3\_1c, containment node 3)**

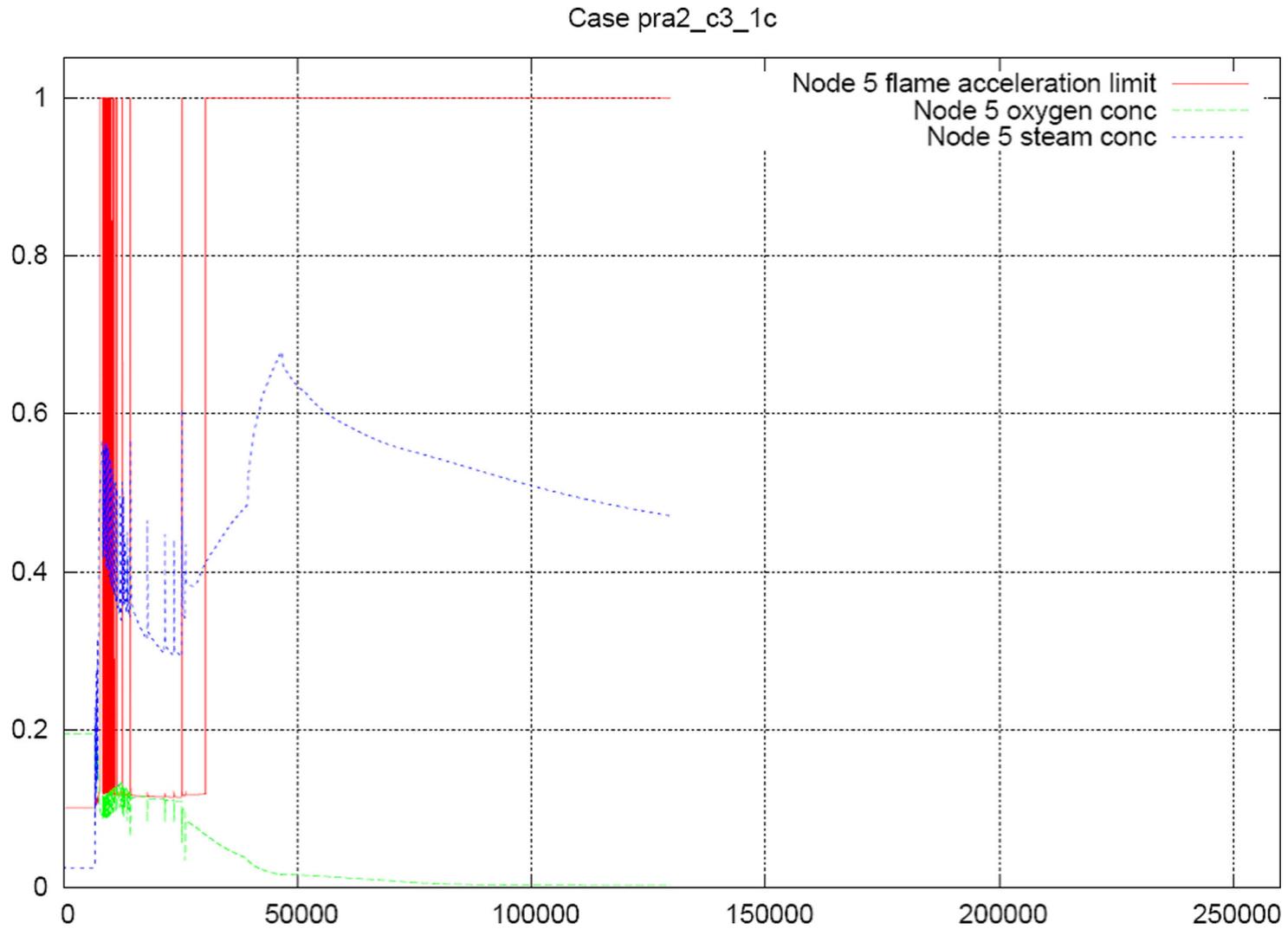
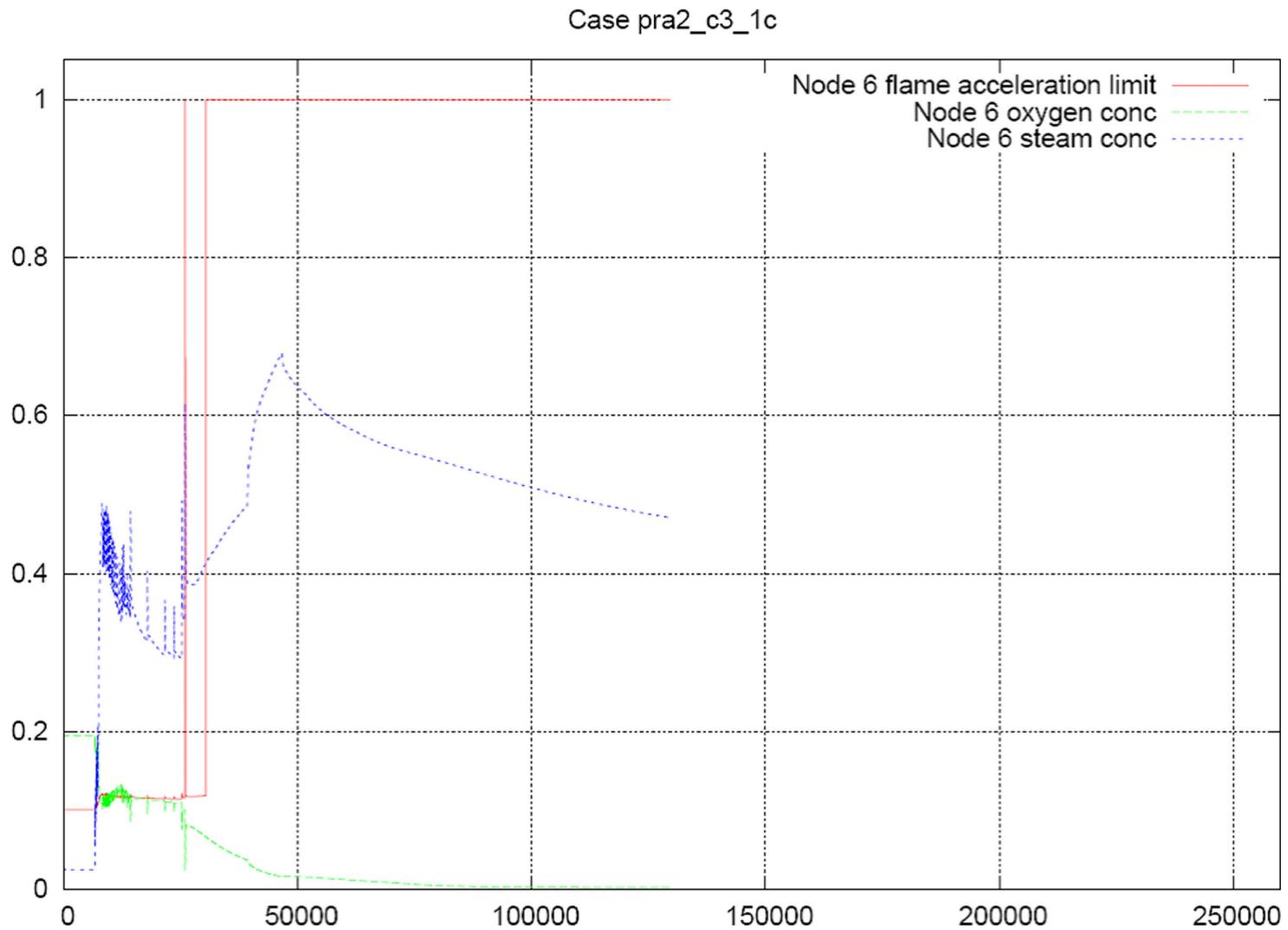


Figure A 89: Oxygen and steam concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c3\_1,c containment node 5)



**Figure A 90: Oxygen and steam concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c3\_1c, containment node 6)**

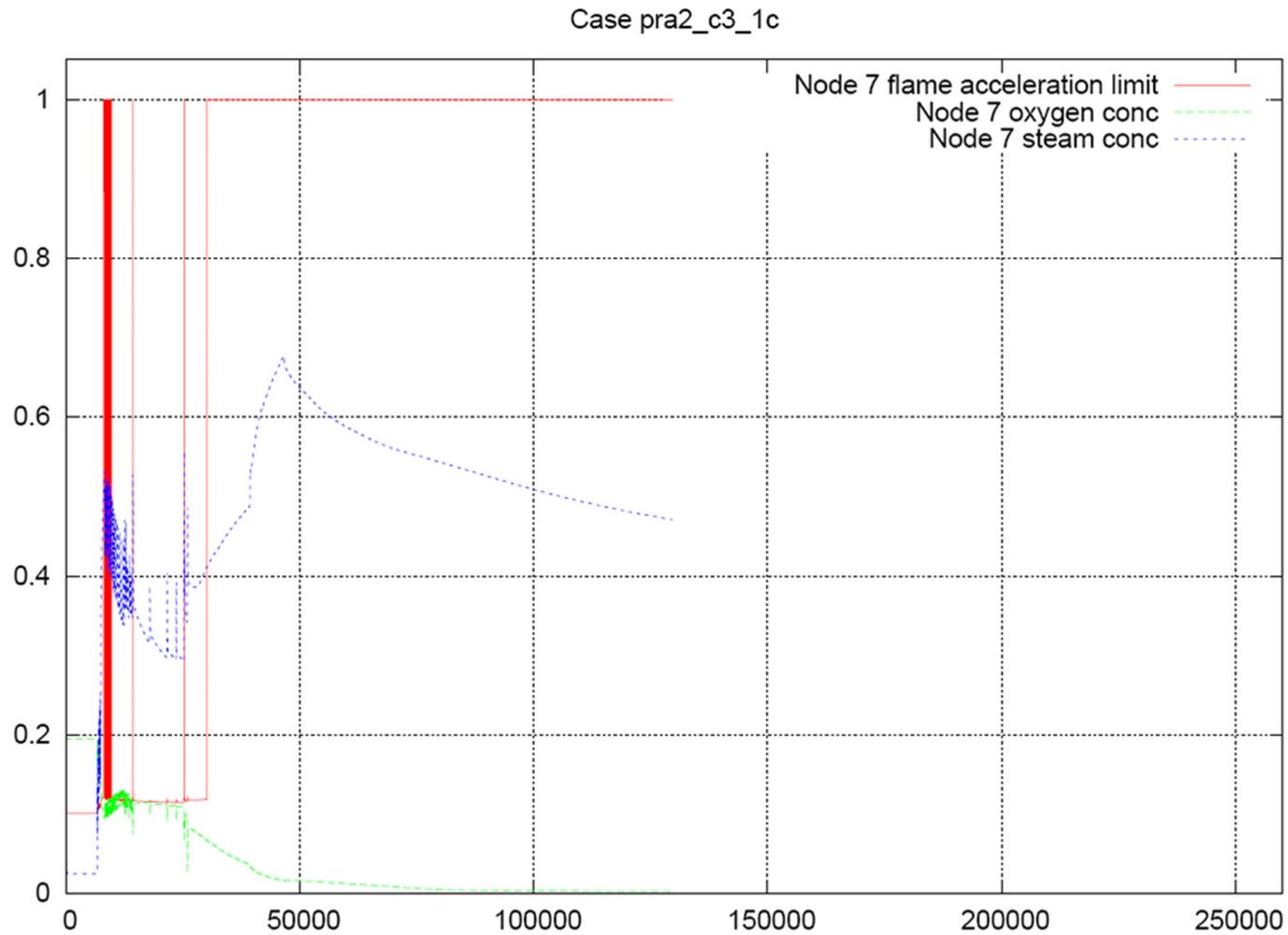


Figure A 91: Oxygen and steam concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c3\_1c, containment node 7)

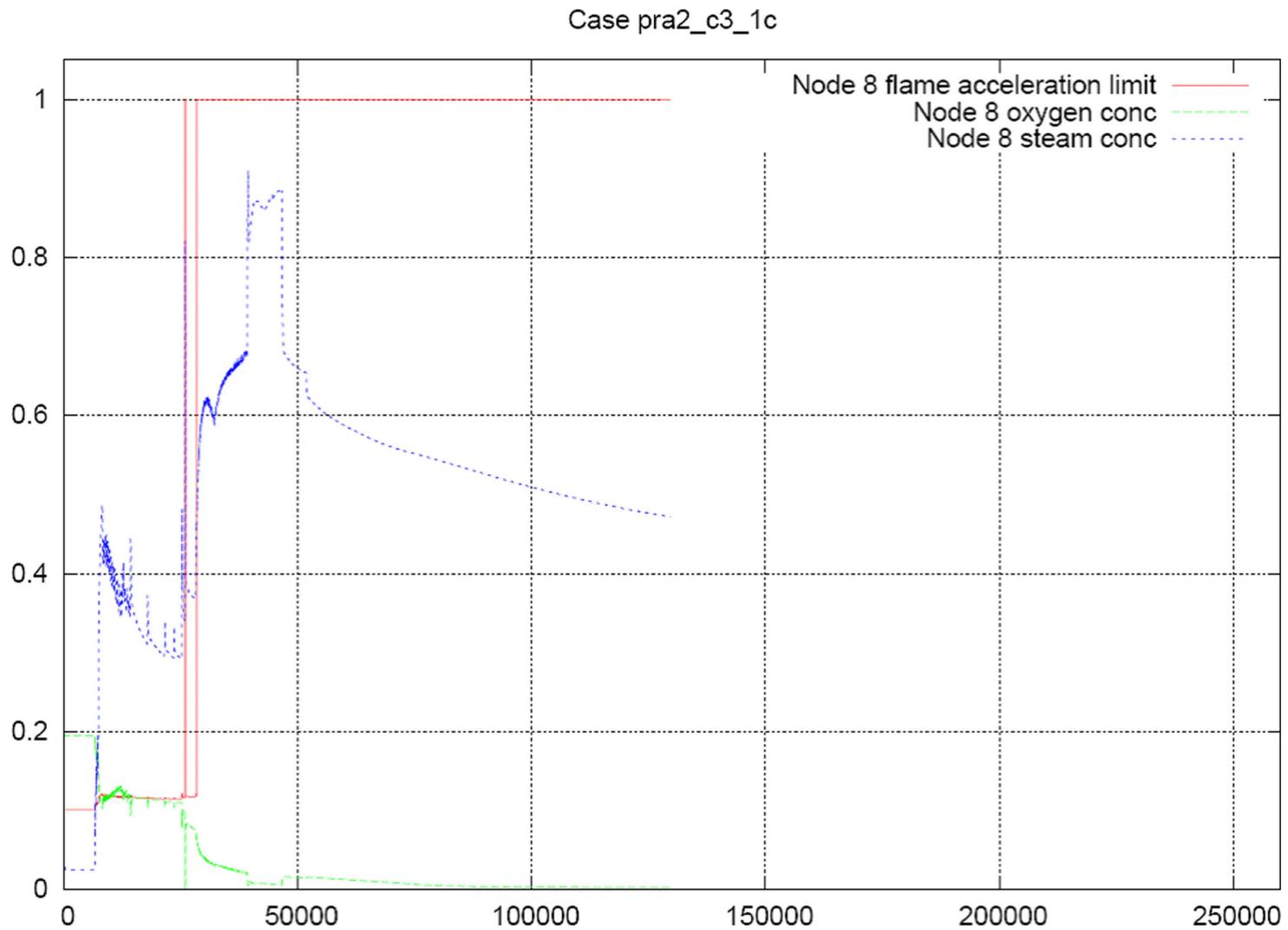
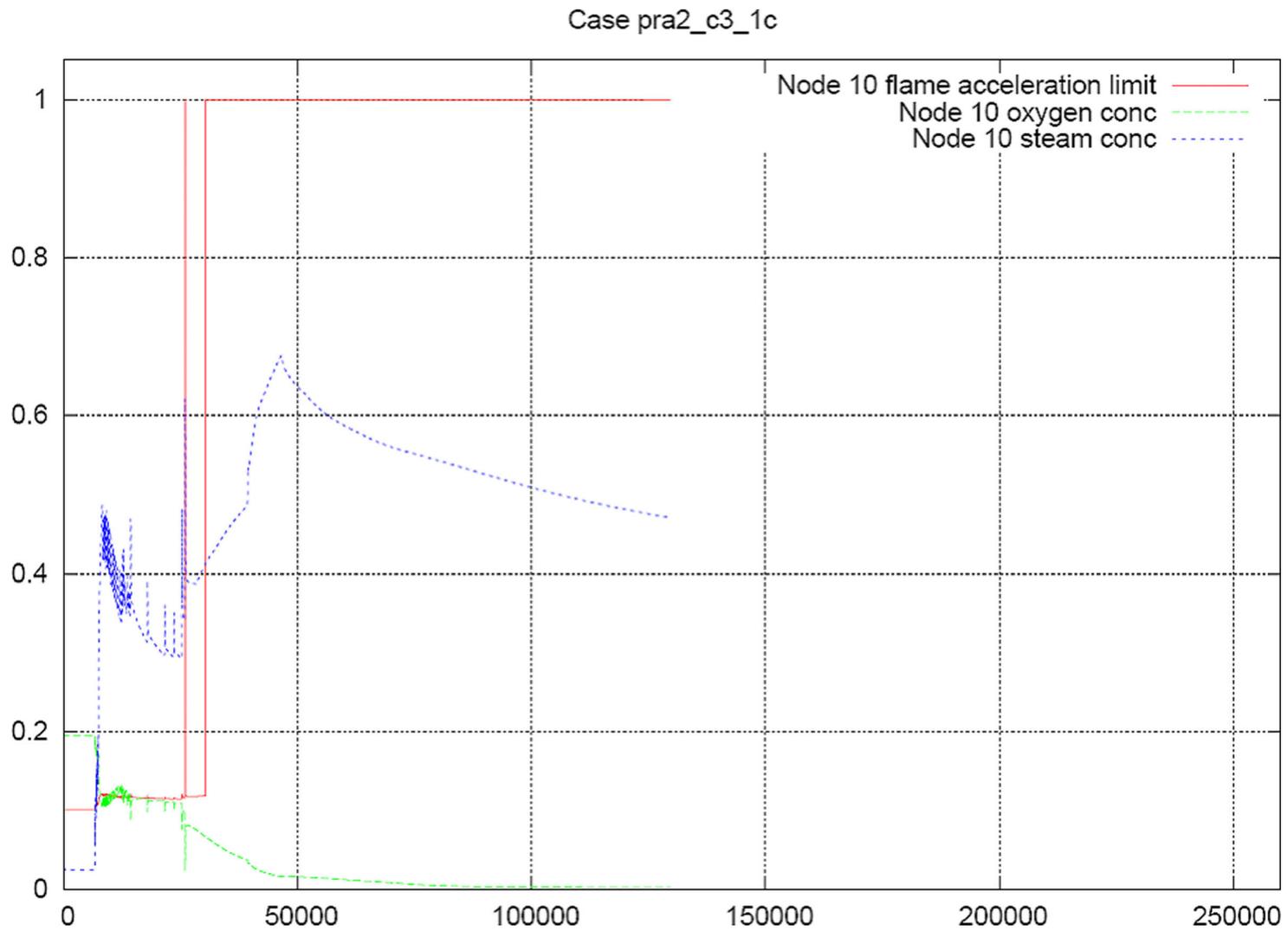
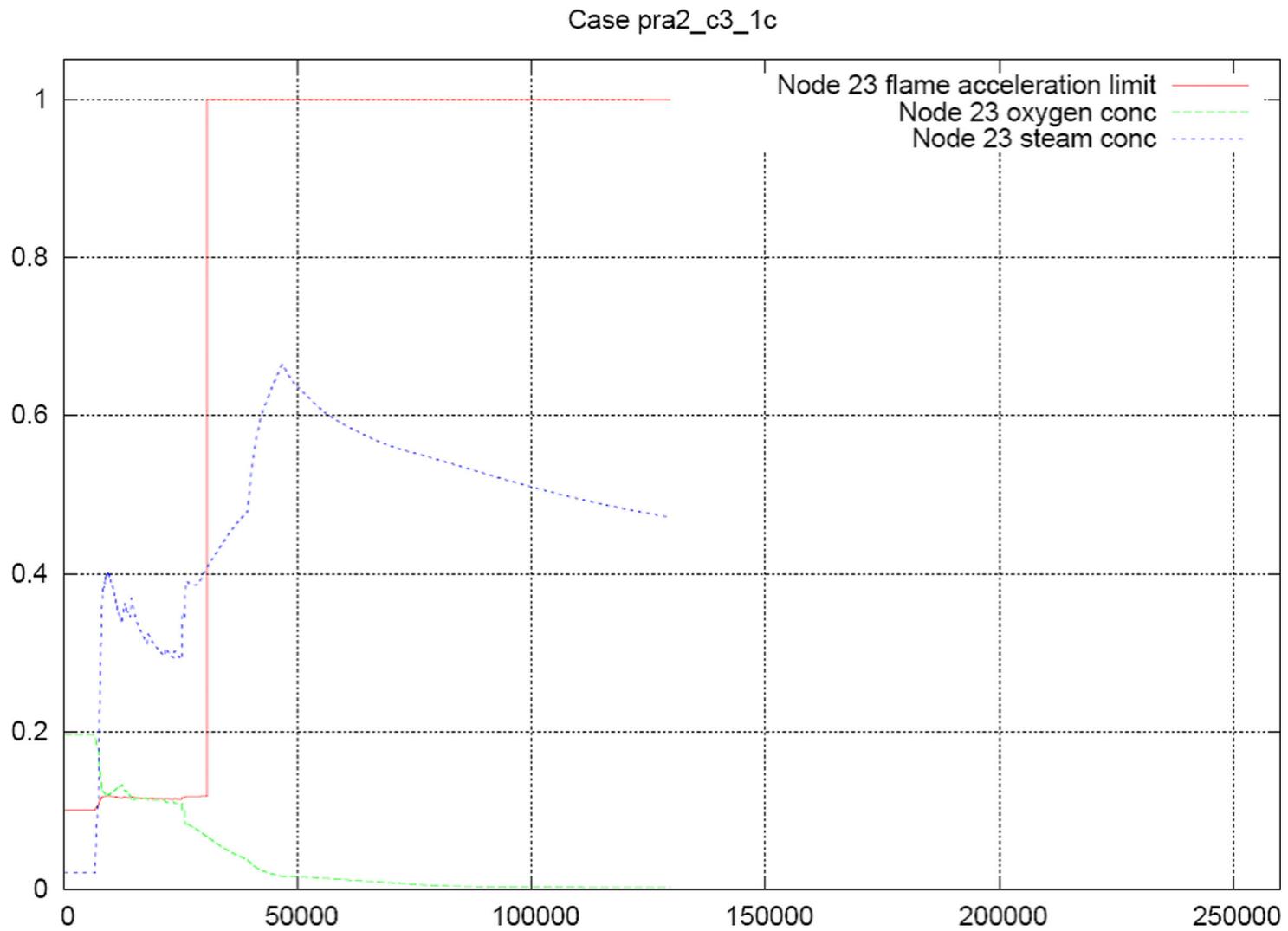


Figure A 92: Oxygen and steam concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c3\_1c, containment node 8)



**Figure A 93: Oxygen and steam concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c3\_1c, containment node 10)**



**Figure A 94: Oxygen and steam concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c3\_1c, containment node 23)**

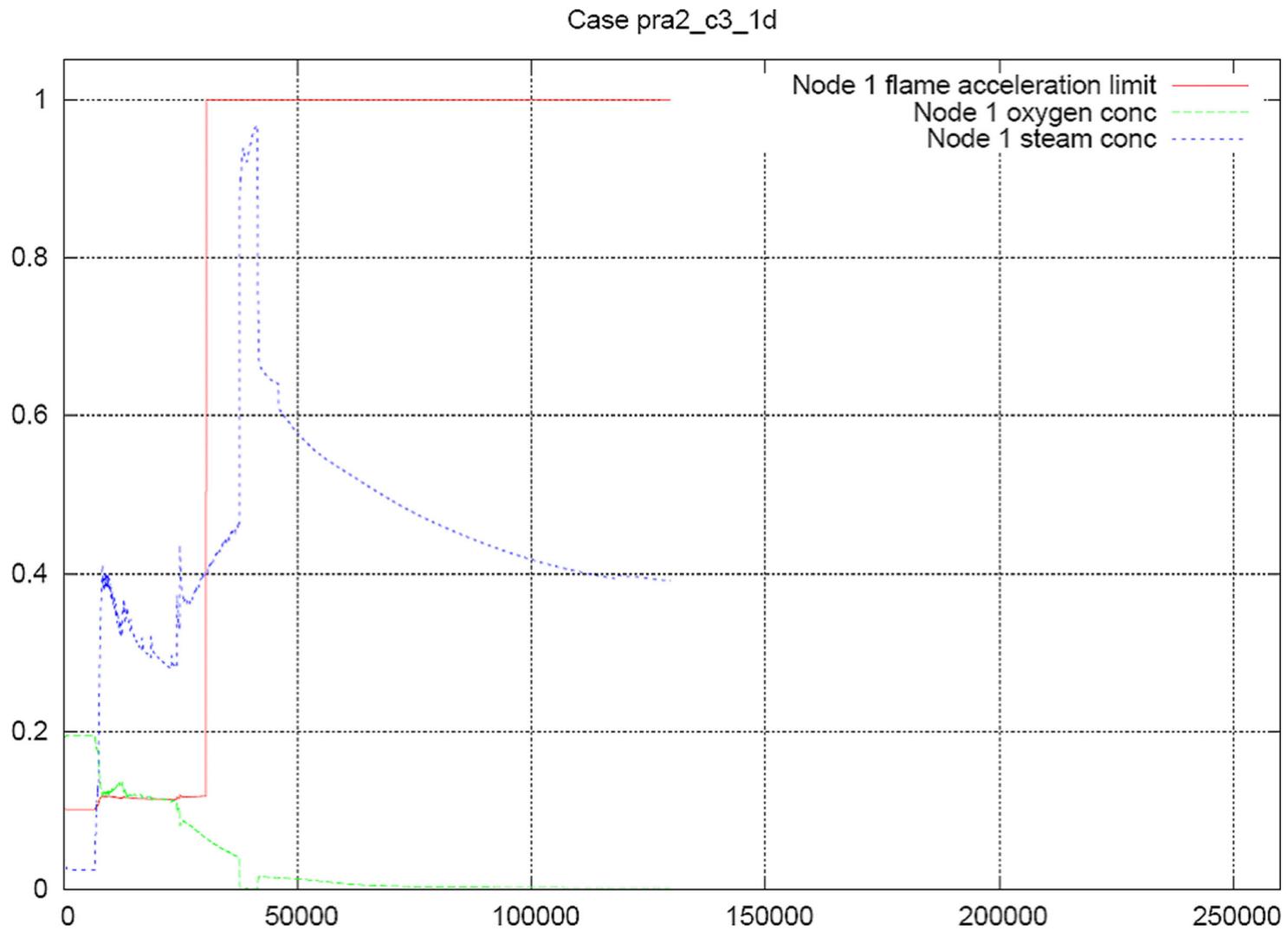


Figure A 95: Oxygen and steam concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c3\_1d, containment node 1)

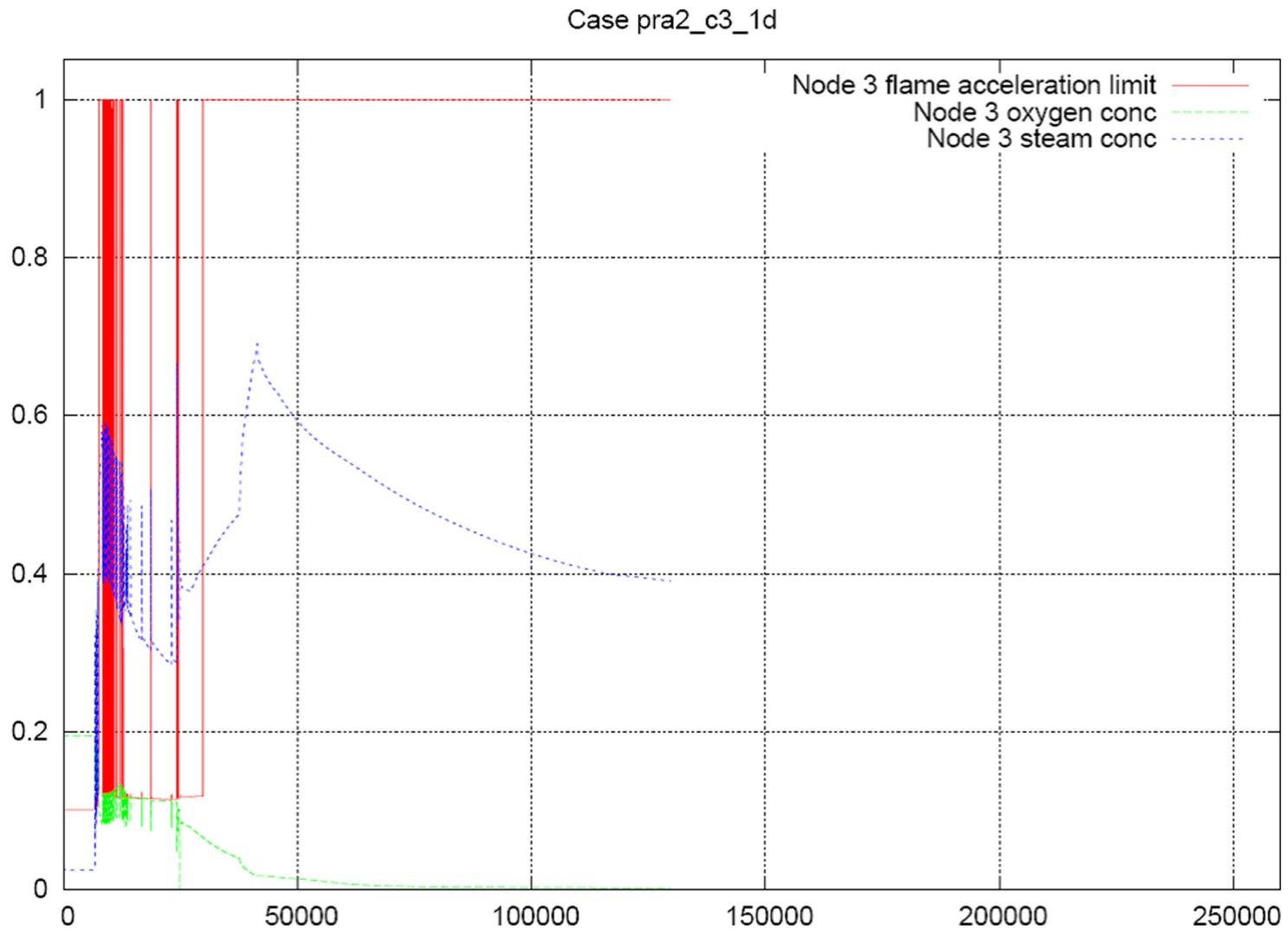


Figure A 96: Oxygen and steam concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c3\_1d, containment node 3)

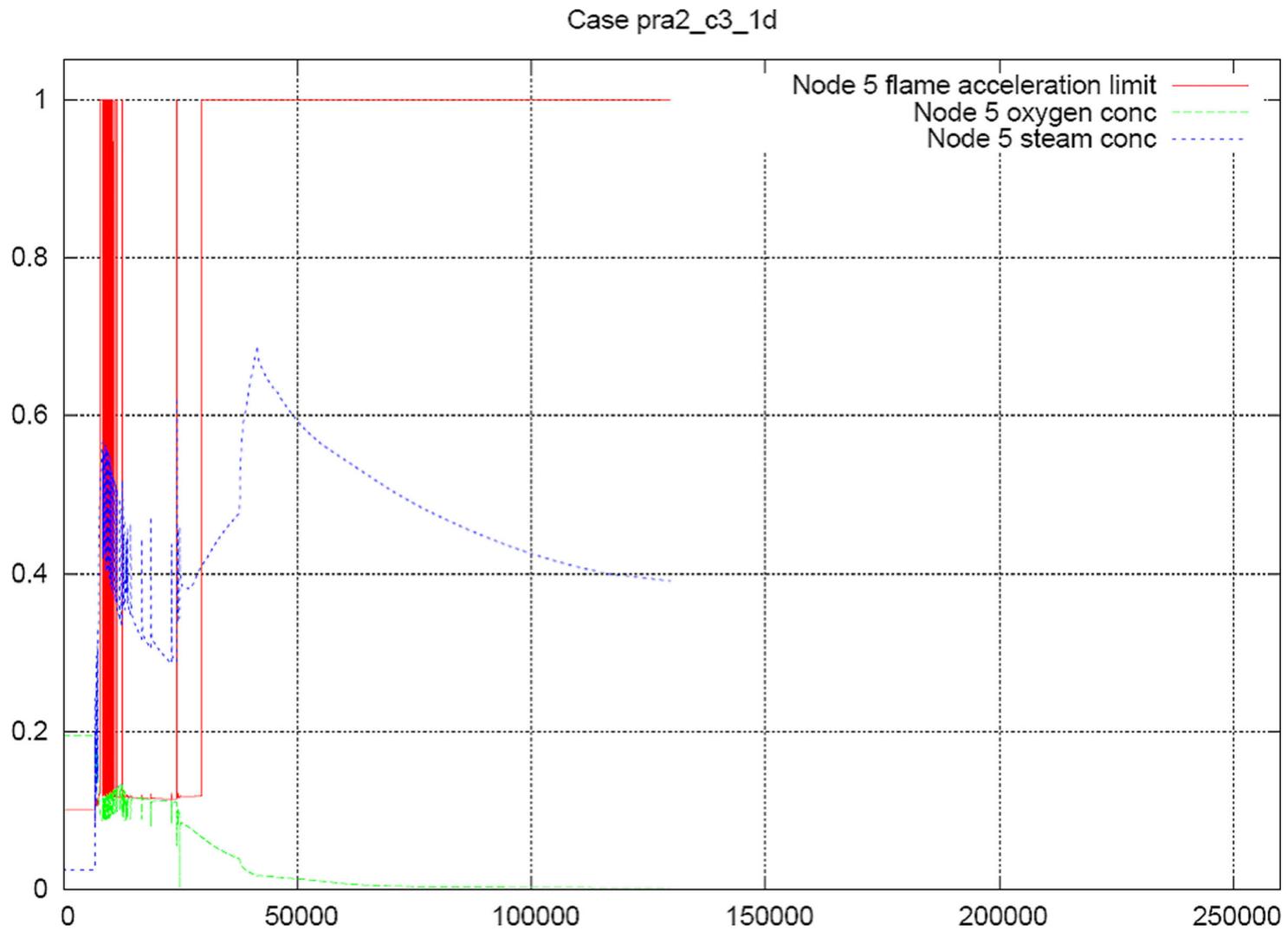


Figure A 97: Oxygen and steam concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c3\_1d, containment node 5)

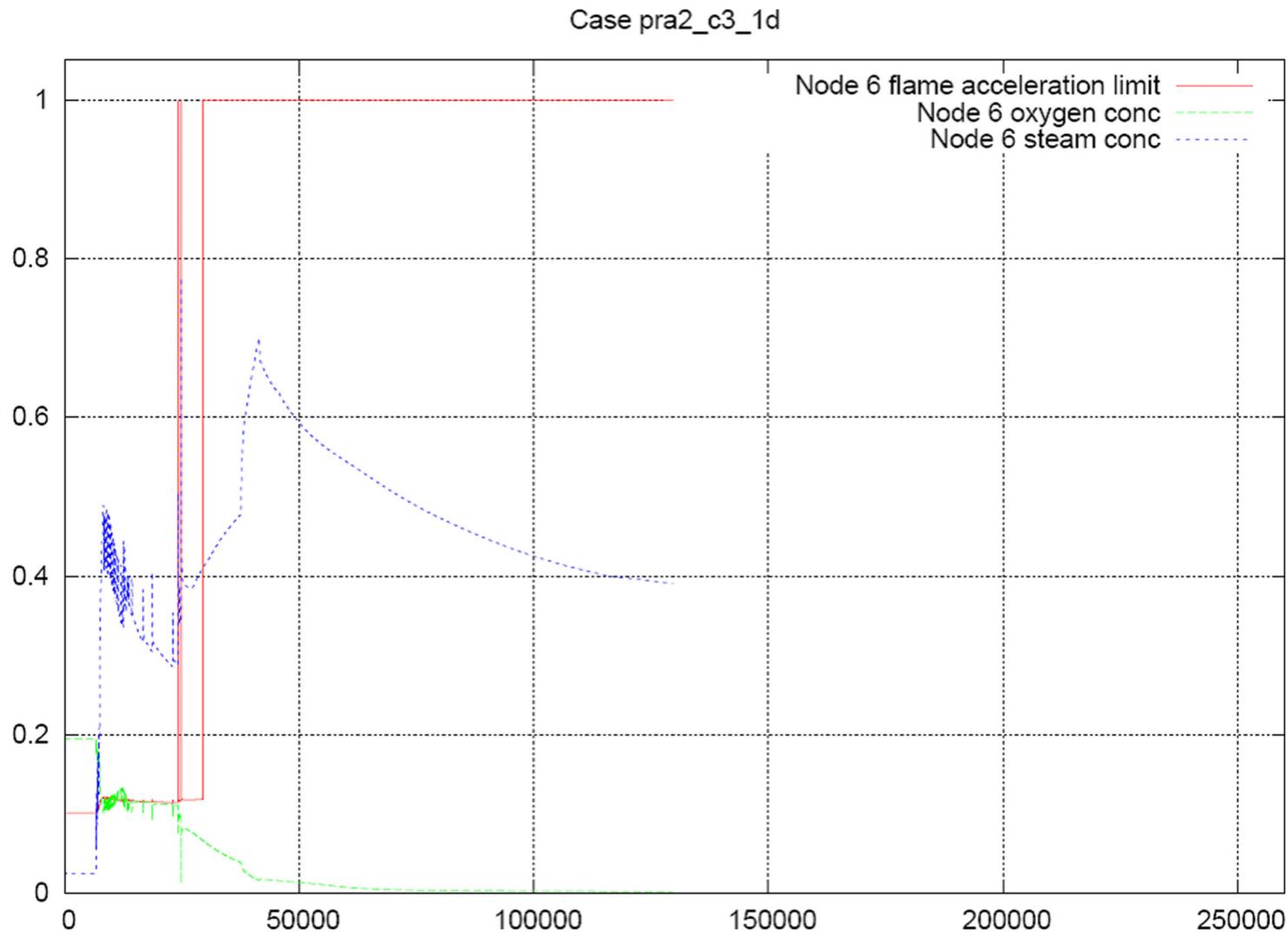


Figure A 98: Oxygen and steam concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c3\_1d, containment node 6)

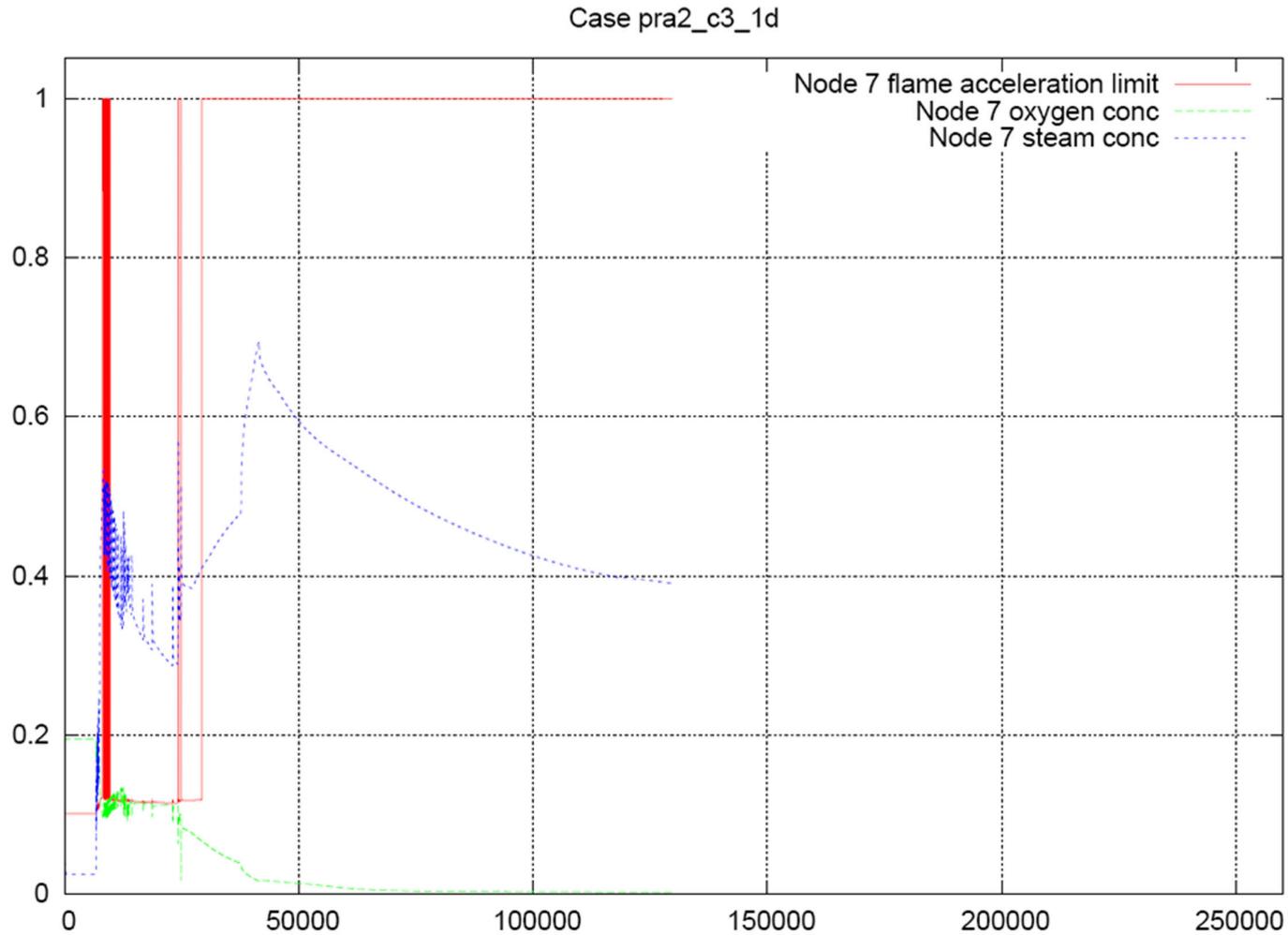


Figure A 99: Oxygen and steam concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c3\_1d, containment node 7)

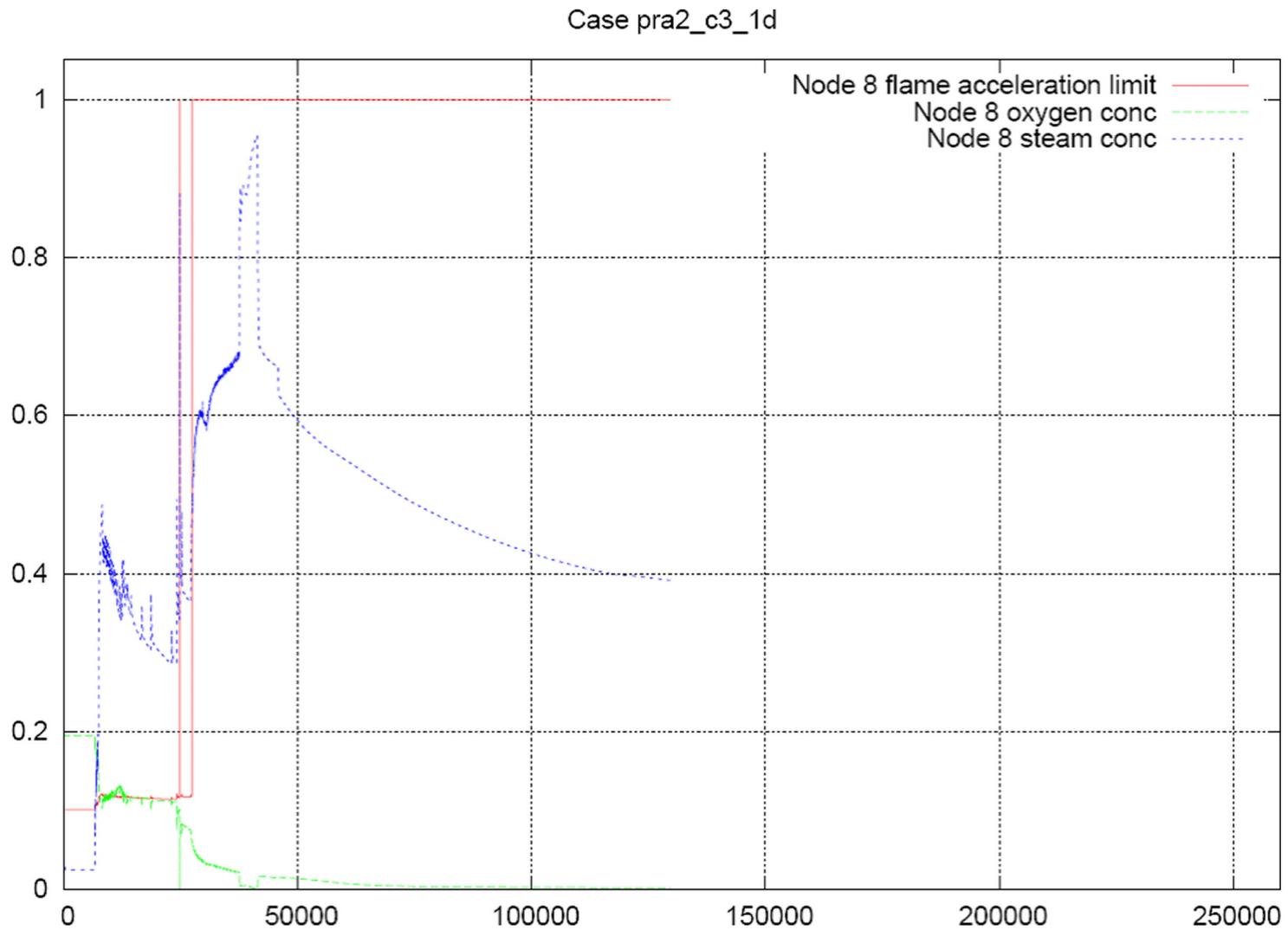


Figure A 100: Oxygen and steam concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c3\_1d, containment node 8)

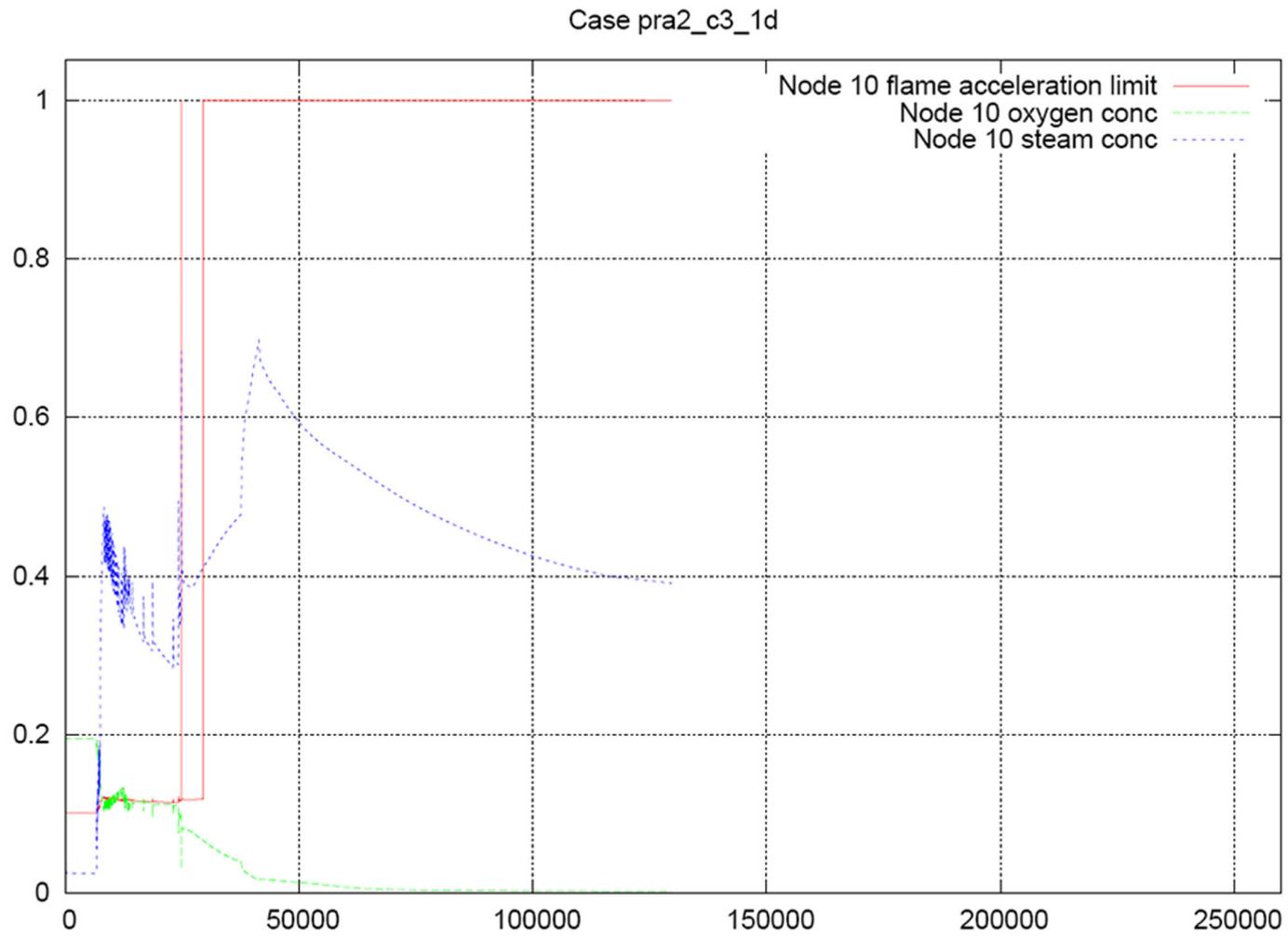


Figure A 101: Oxygen and steam concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c3\_1d, containment node 10)

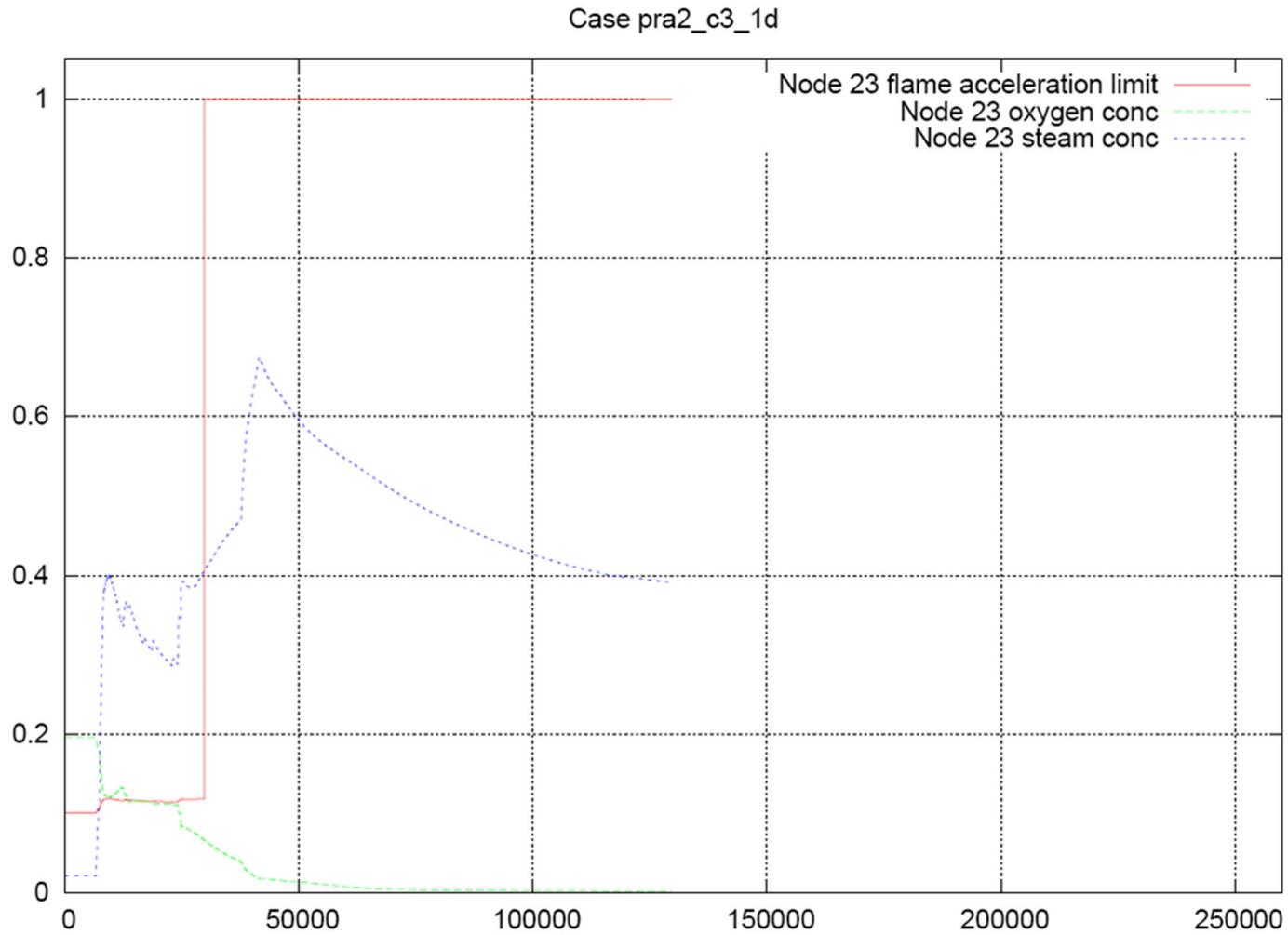


Figure A 102: Oxygen and steam concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c3\_1d, containment node 23)

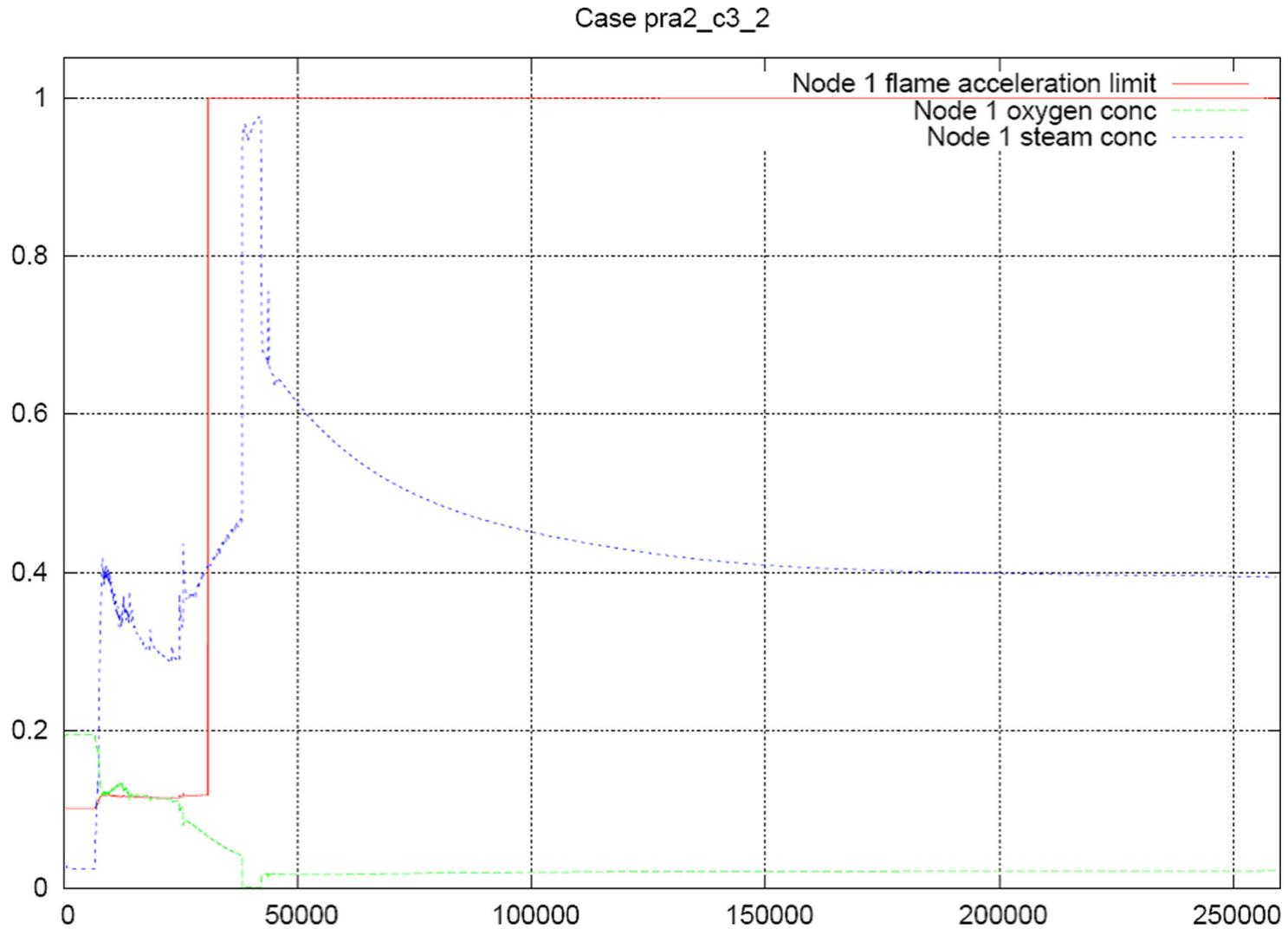


Figure A 103: Oxygen and steam concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c3\_2, containment node 1)

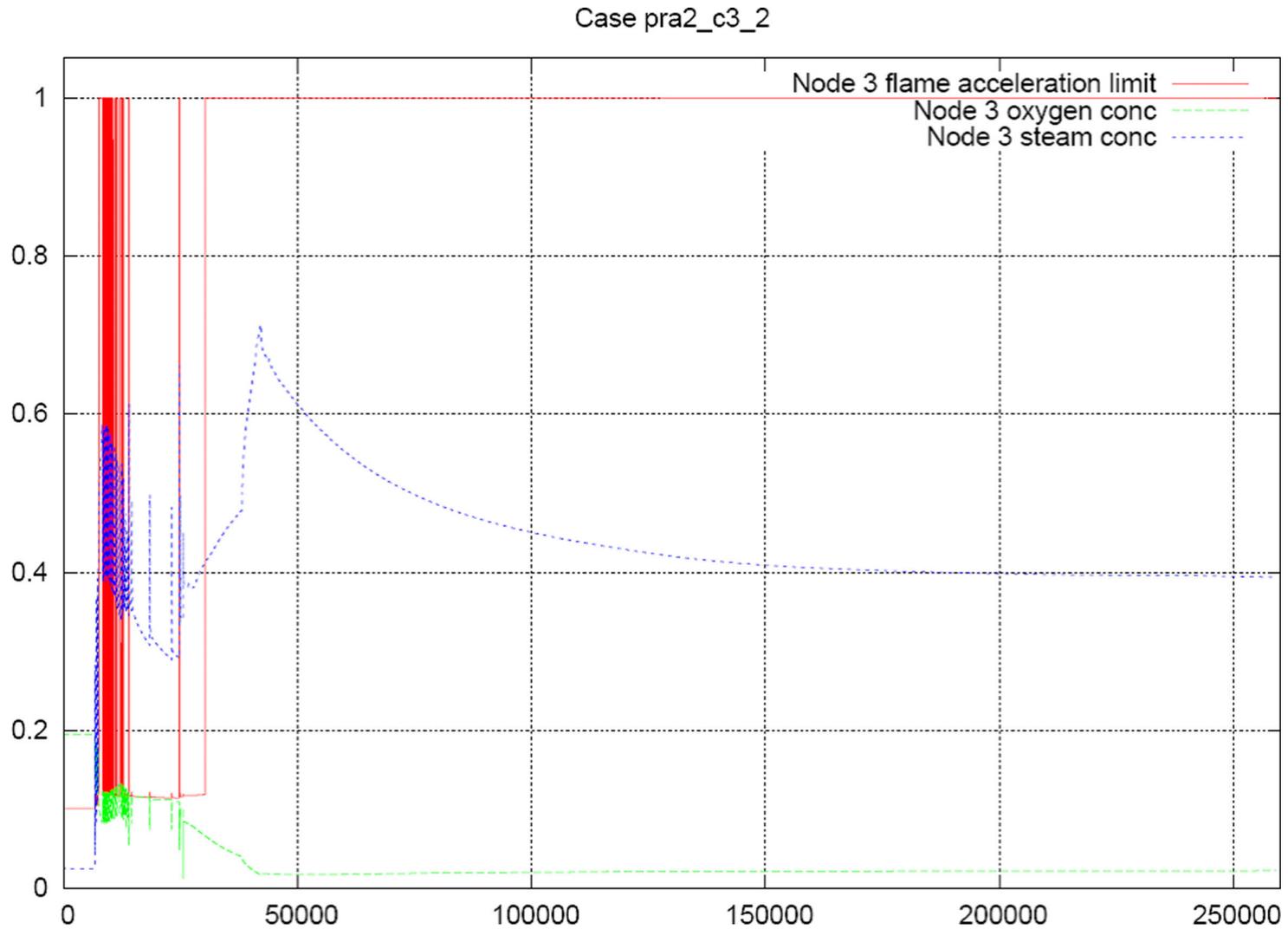


Figure A 104: Oxygen and steam concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c3\_2, containment node 3)

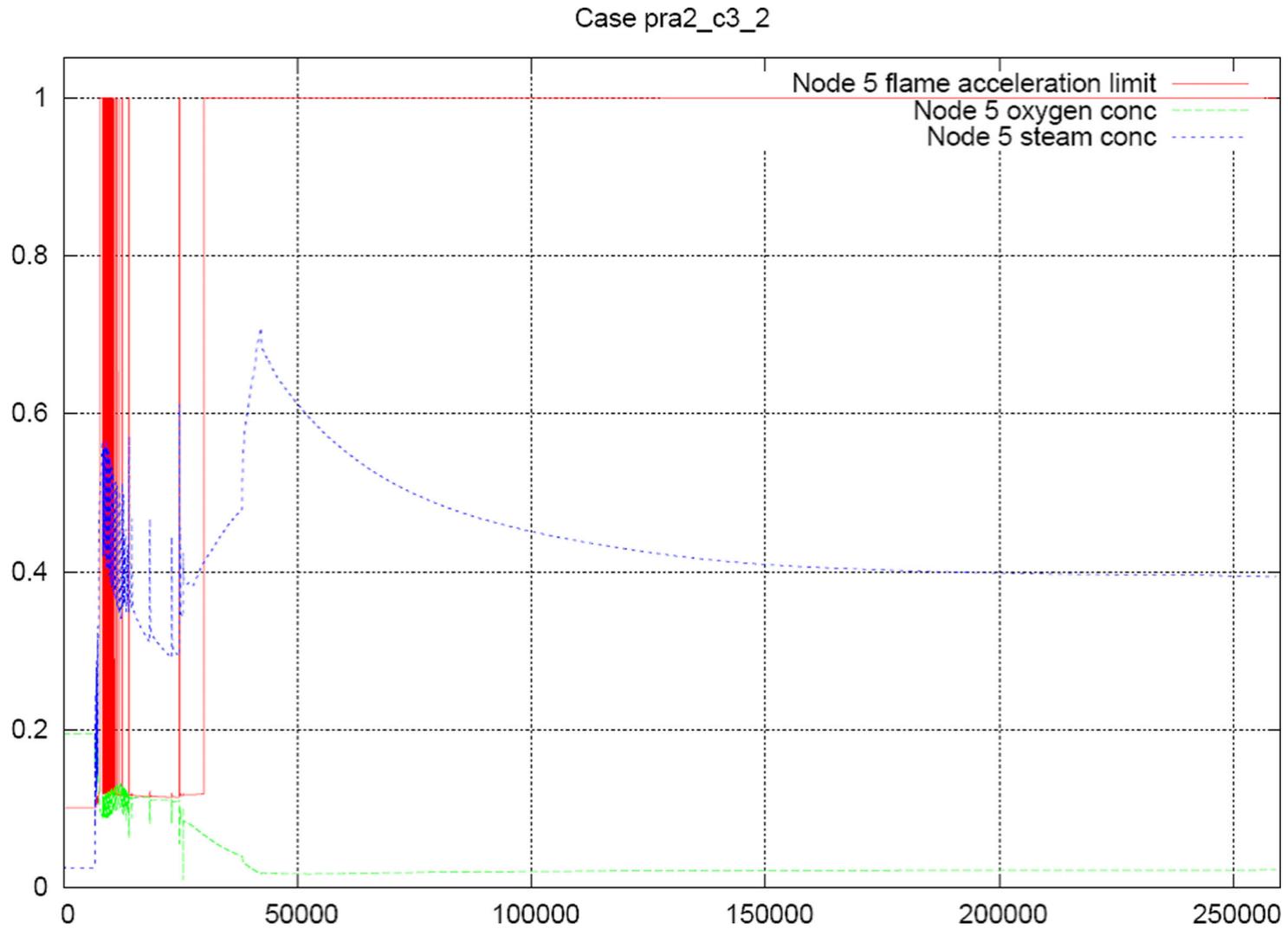


Figure A 105: Oxygen and steam concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c3\_2, containment node 5)

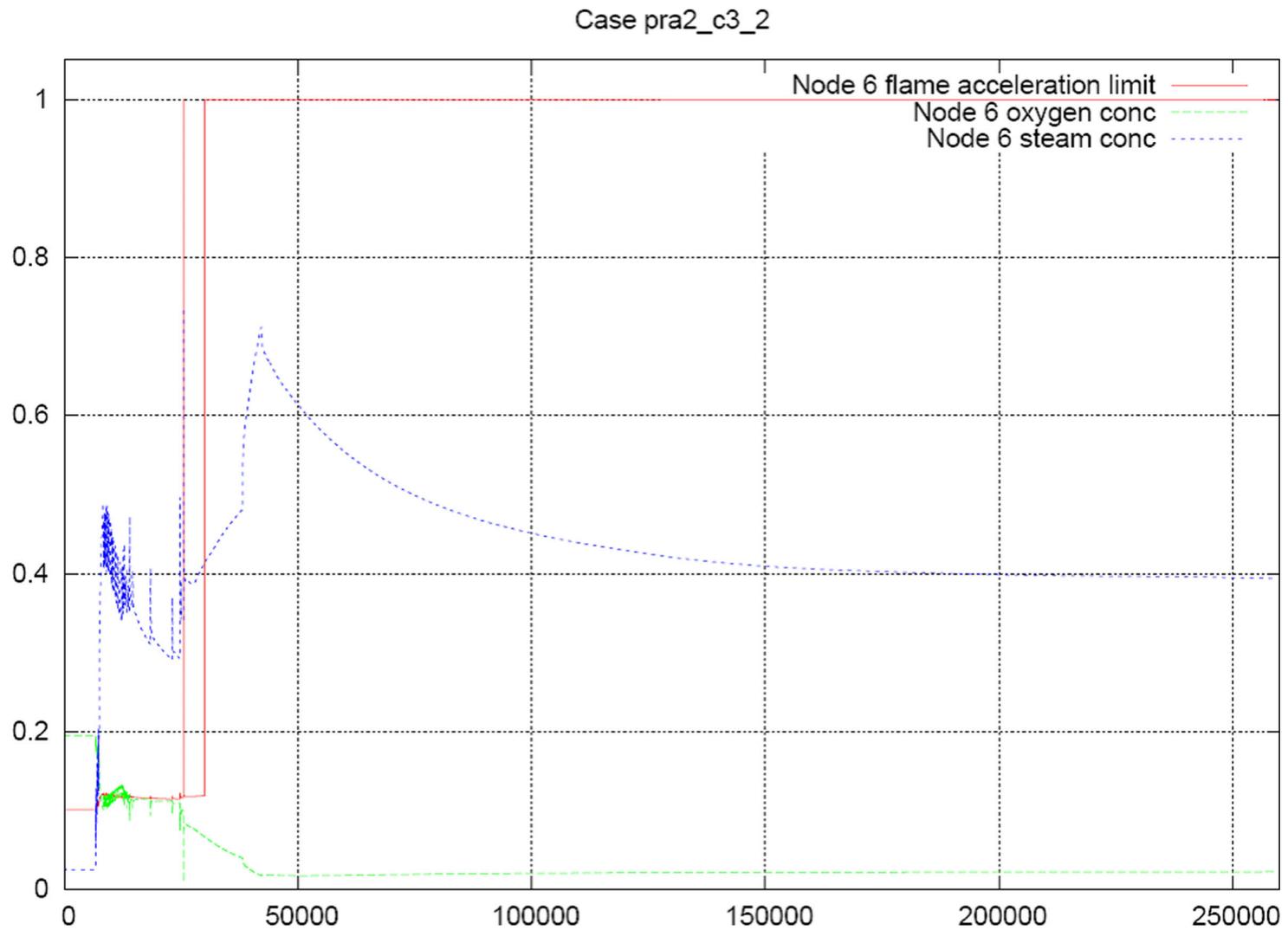


Figure A 106: Oxygen and steam concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c3\_2, containment node 6)

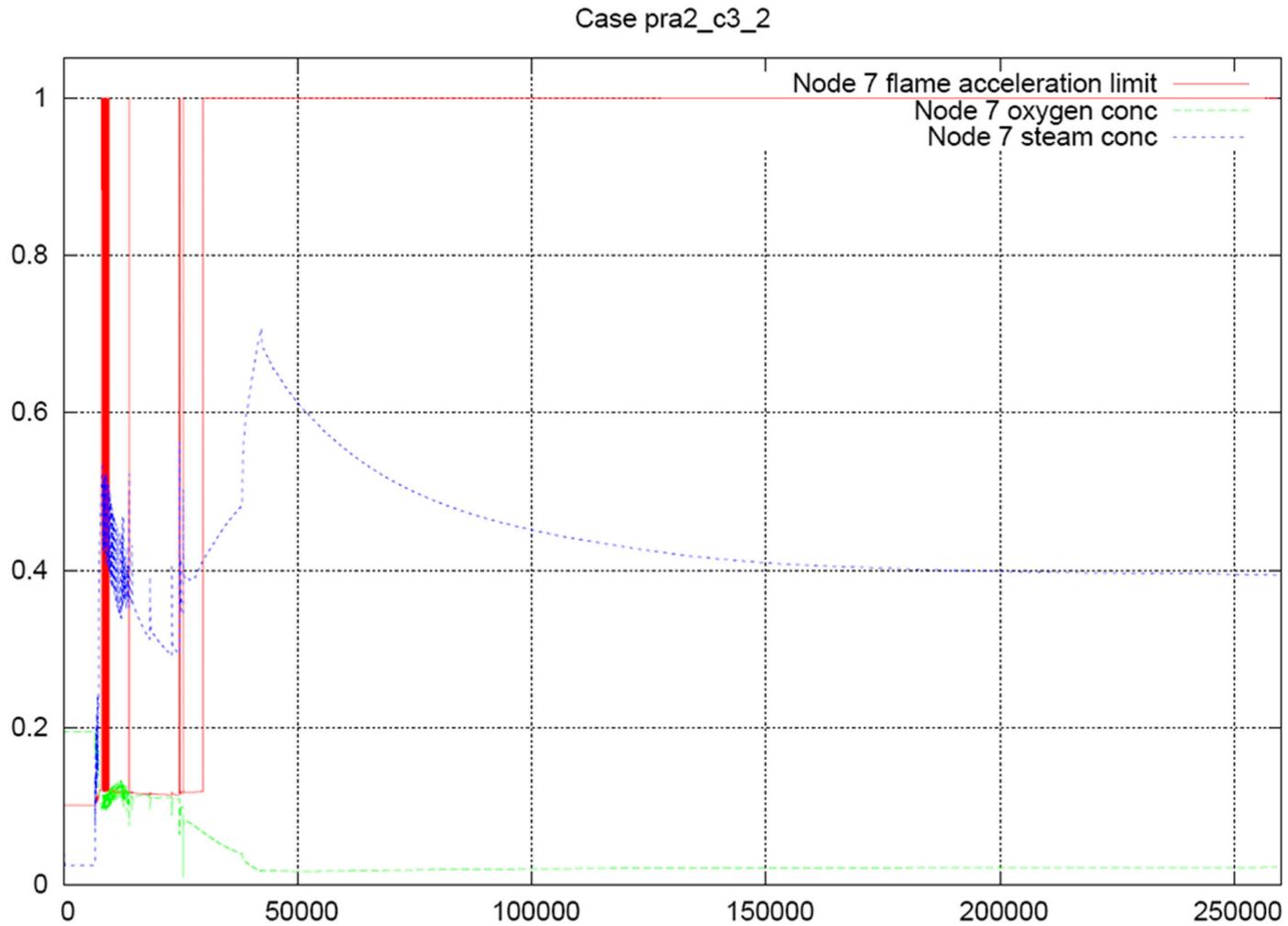
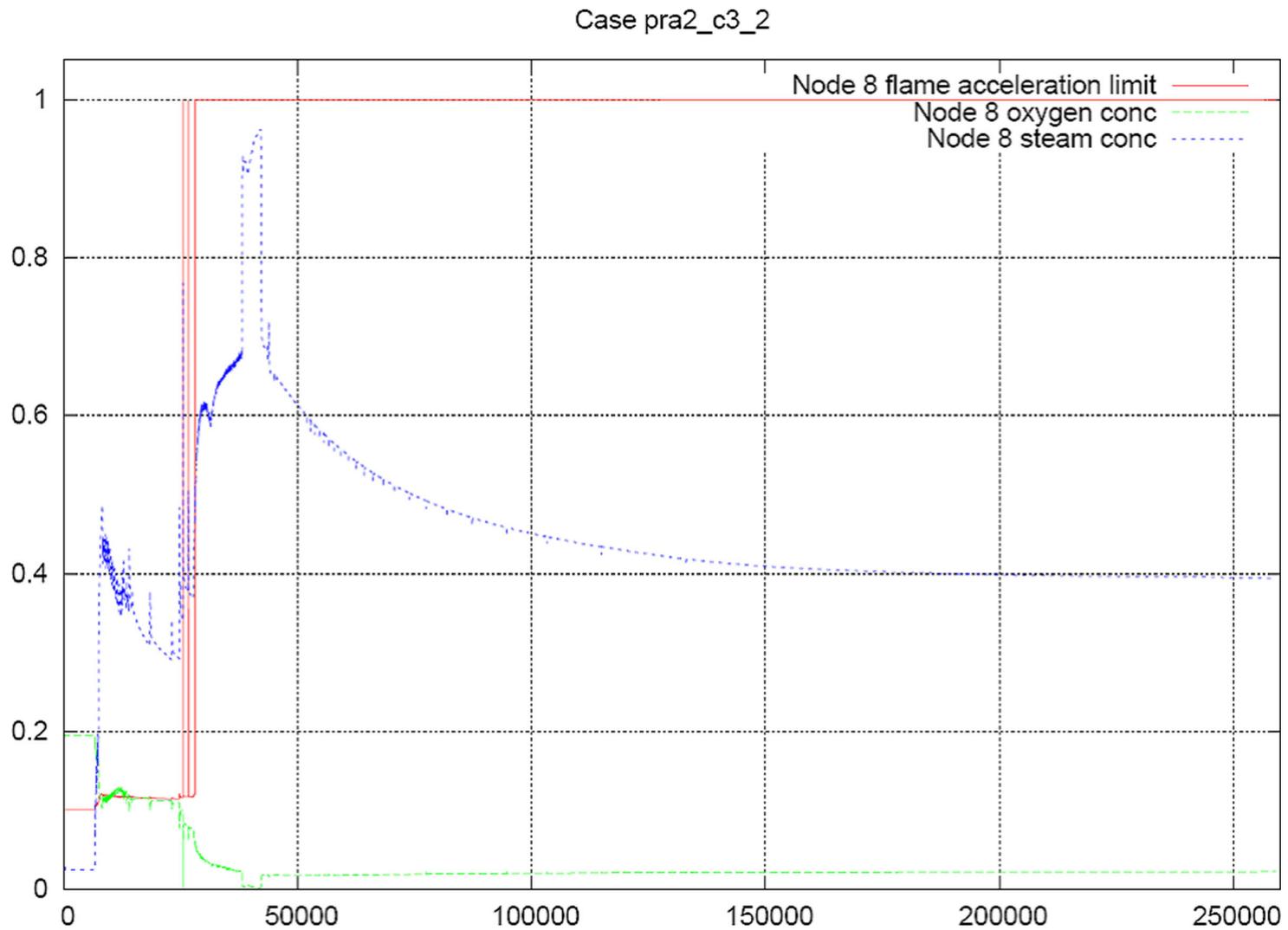


Figure A 107: Oxygen and steam concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c3\_2, containment node 7)



**Figure A 108: Oxygen and steam concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c3\_2, containment node 8)**

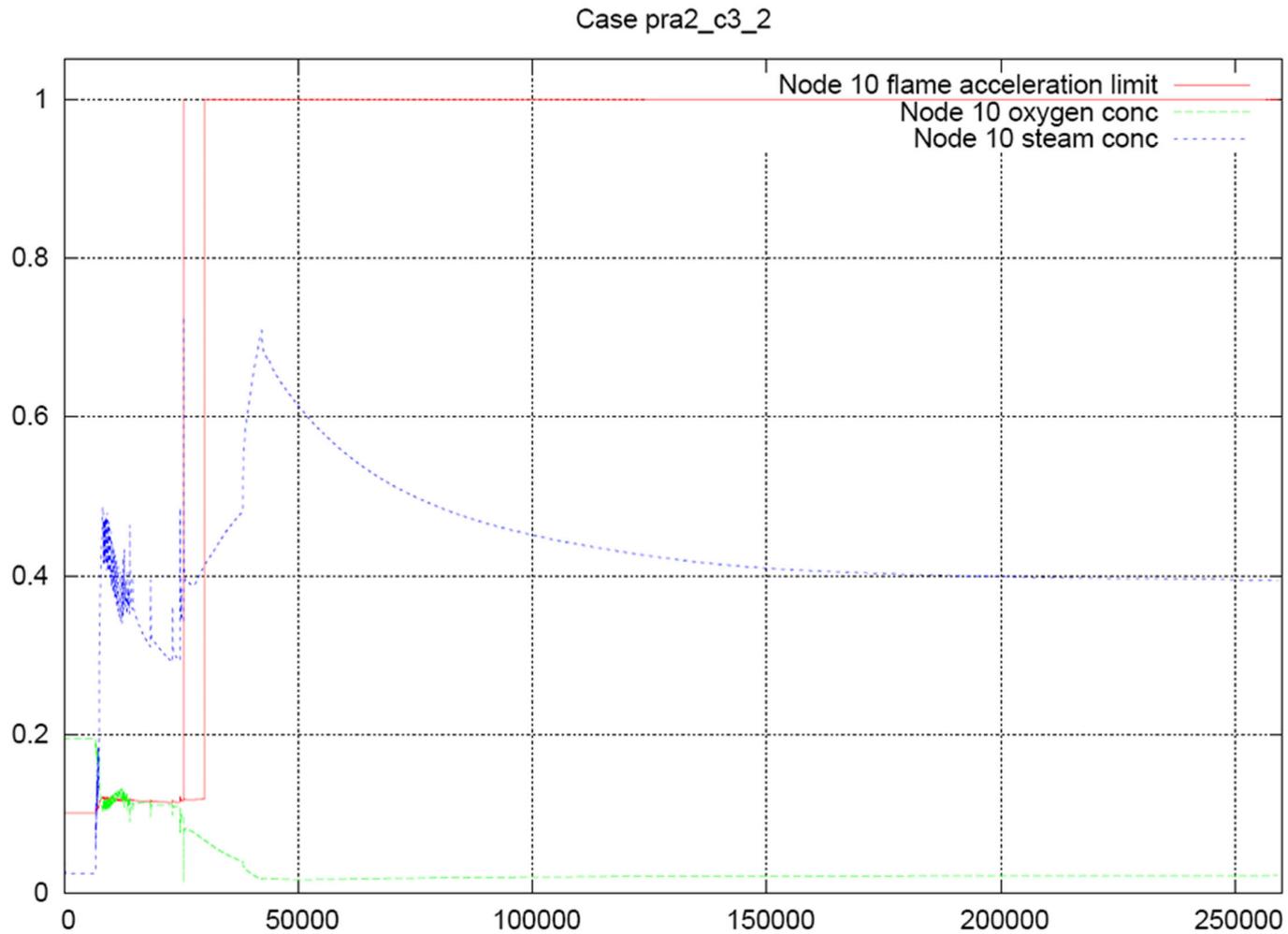


Figure A 109: Oxygen and steam concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c3\_2, containment node 10)

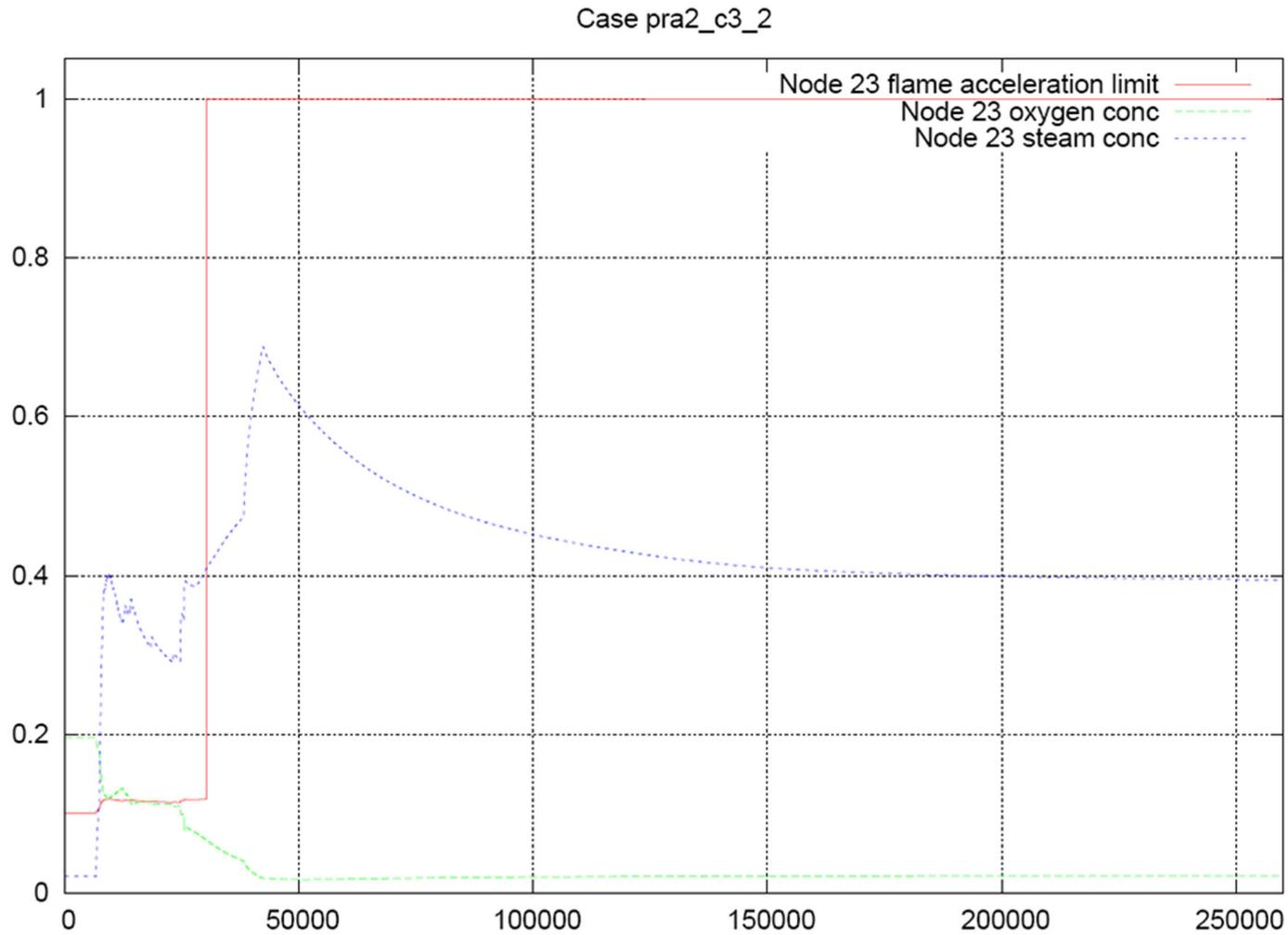
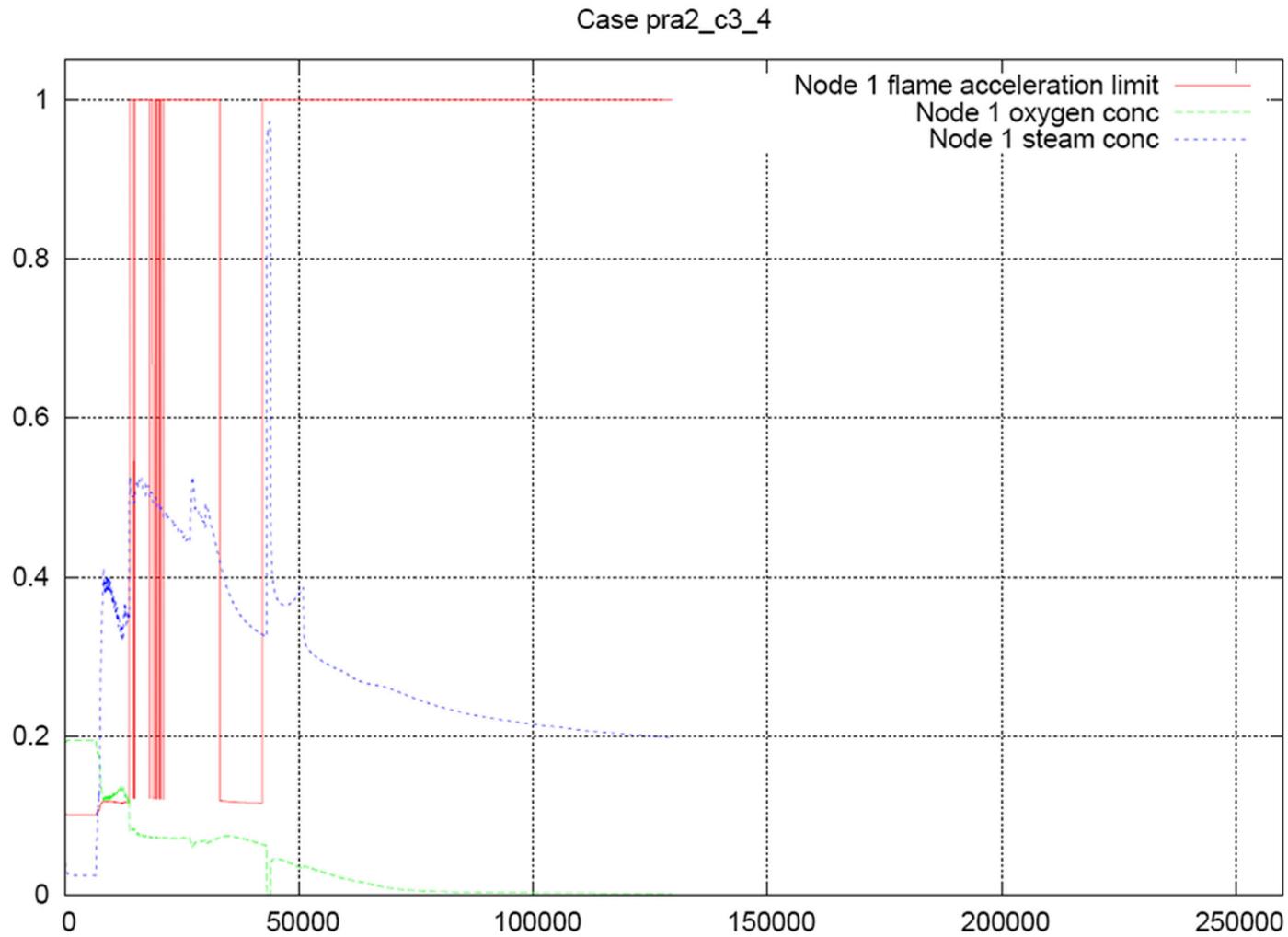


Figure A 110: Oxygen and steam concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c3\_2, containment node 23)



**Figure A 111: Oxygen and steam concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c3\_4, containment node 1)**

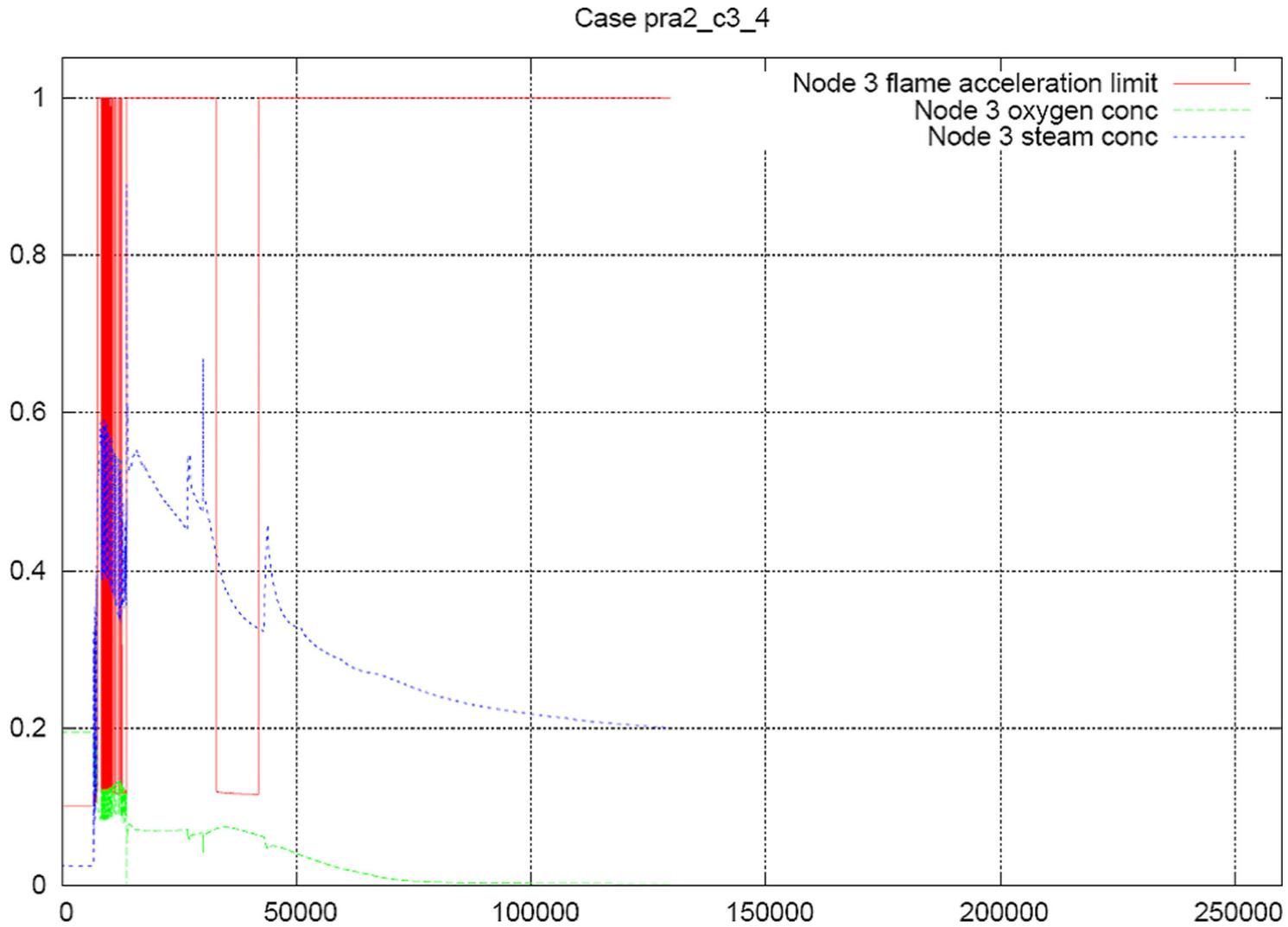


Figure A 112: Oxygen and steam concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c3\_4, containment node 3)

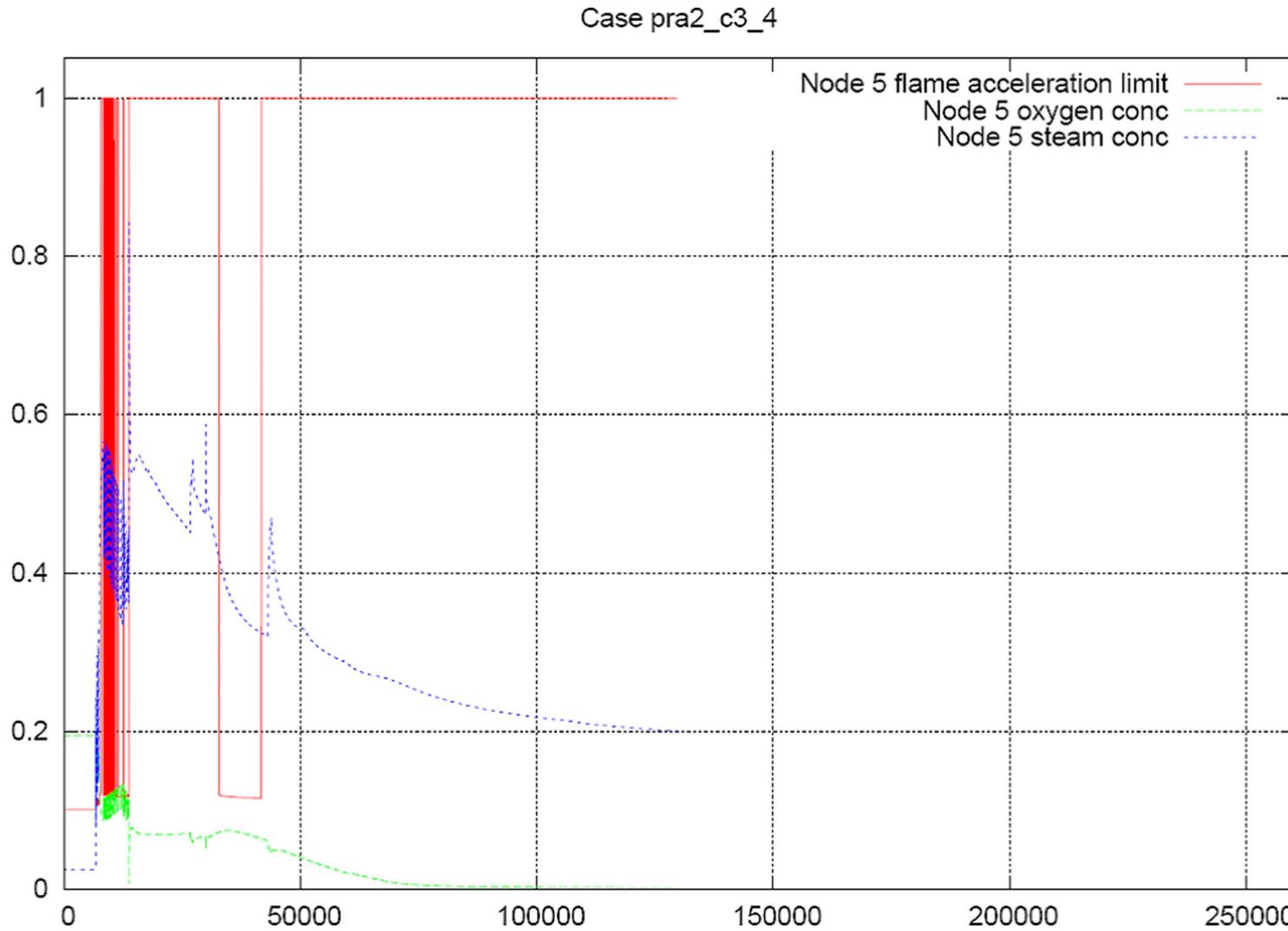
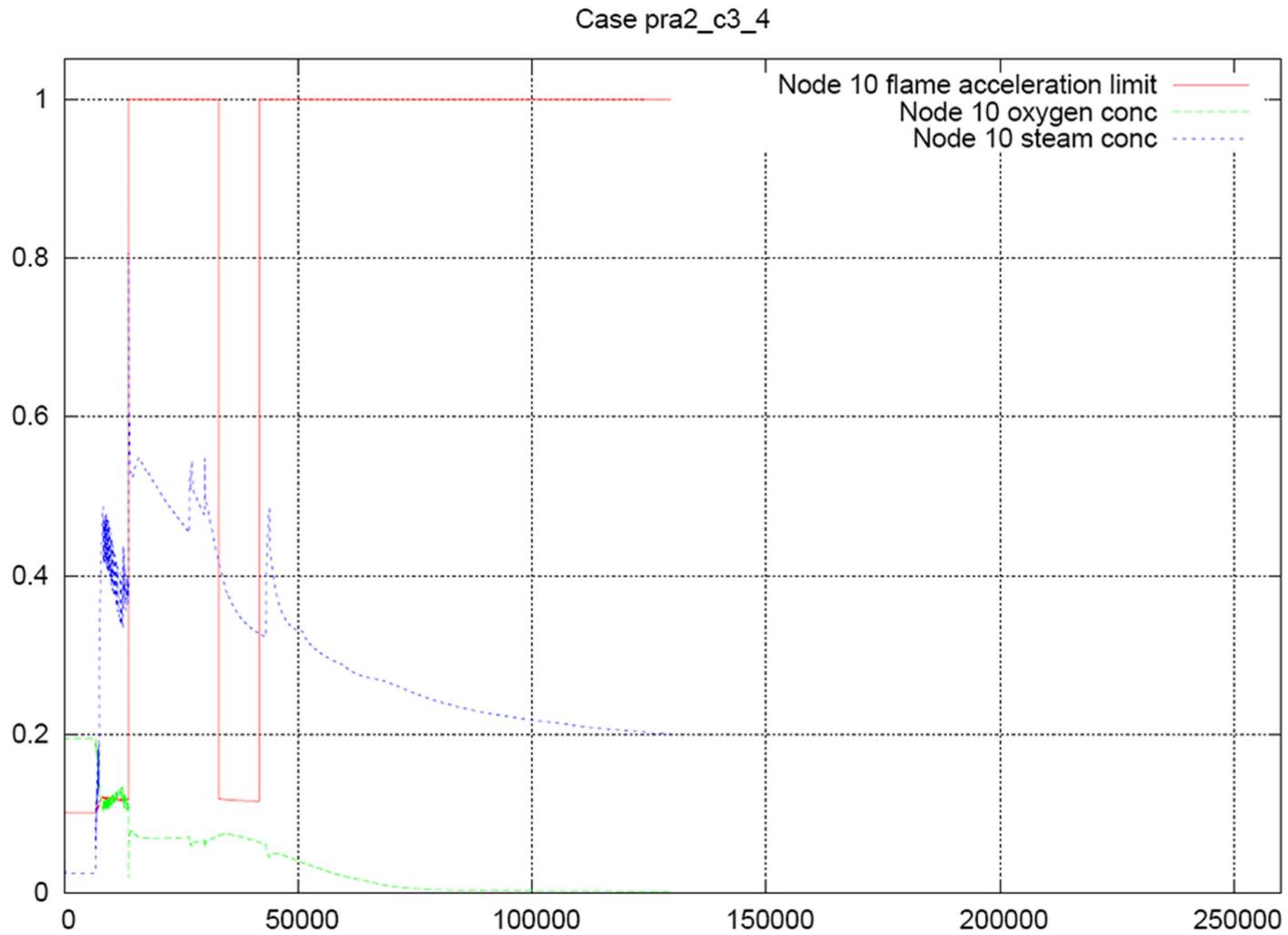


Figure A 113:  
Oxygen and steam concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c3\_4, containment node 5)



**Figure A 114: Oxygen and steam concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c3\_4, containment node 10)**

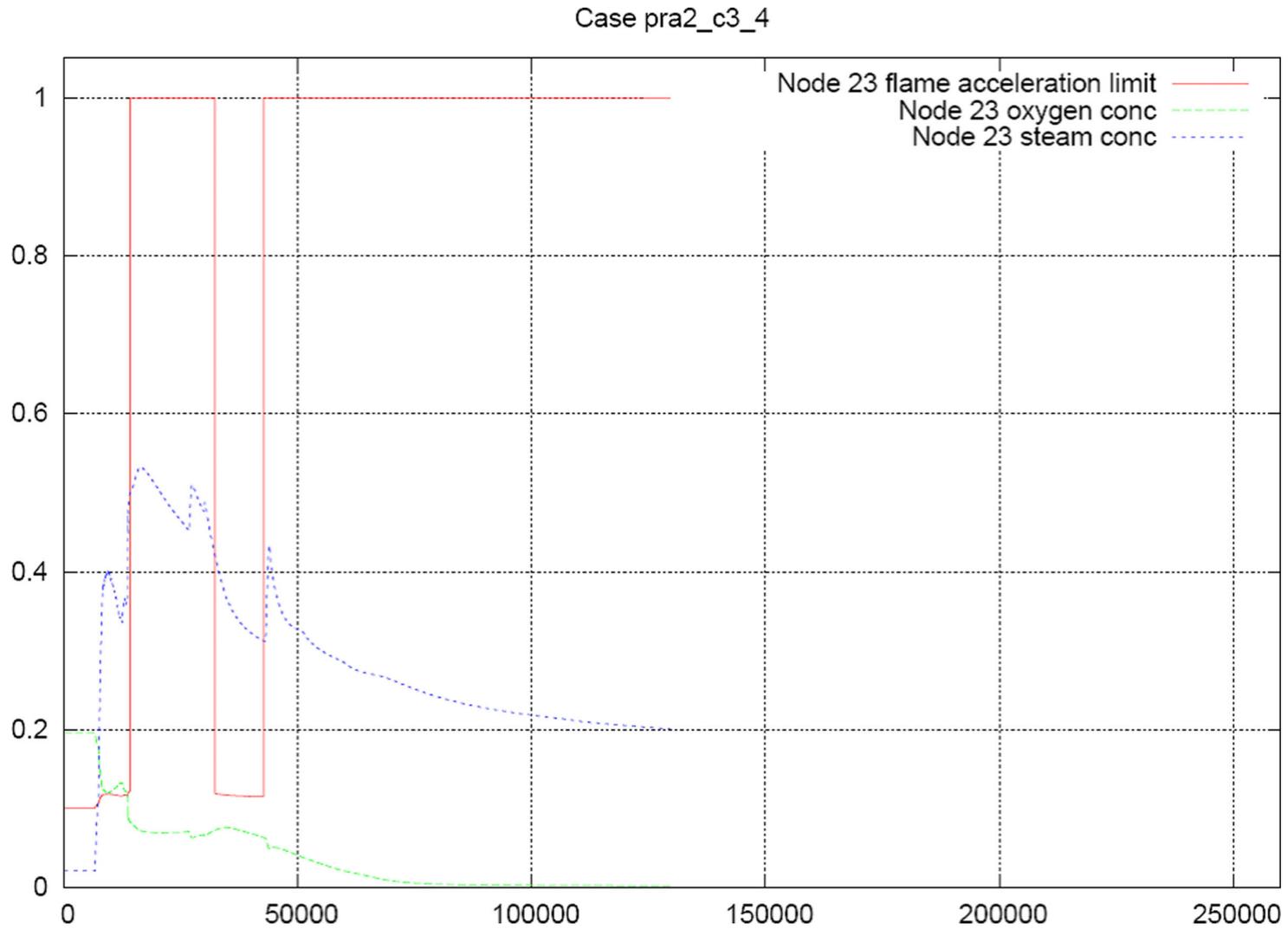


Figure A 115: Oxygen and steam concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c3\_4, containment node 23)

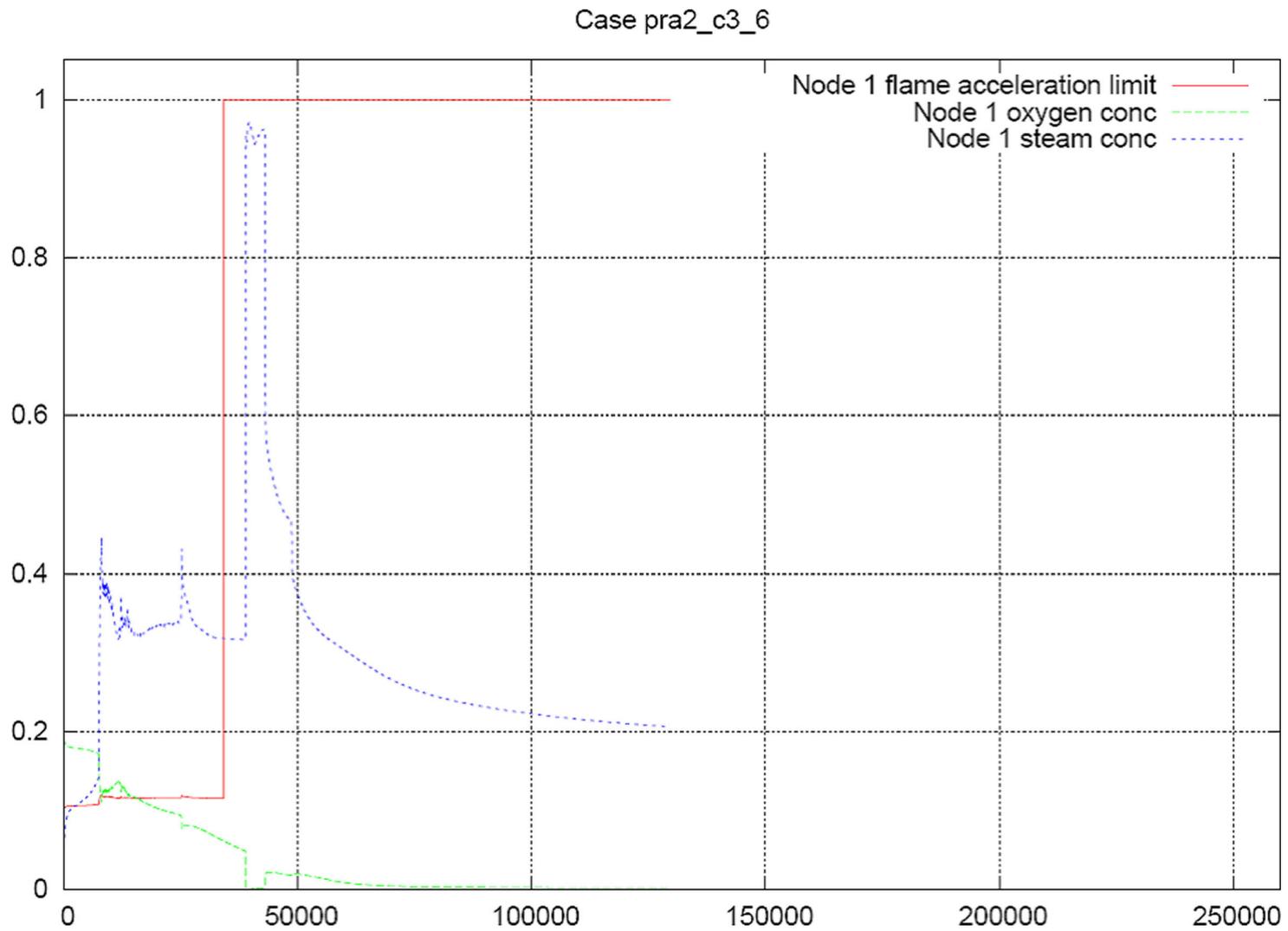


Figure A 116: Oxygen and steam concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c3\_6, containment node 1)

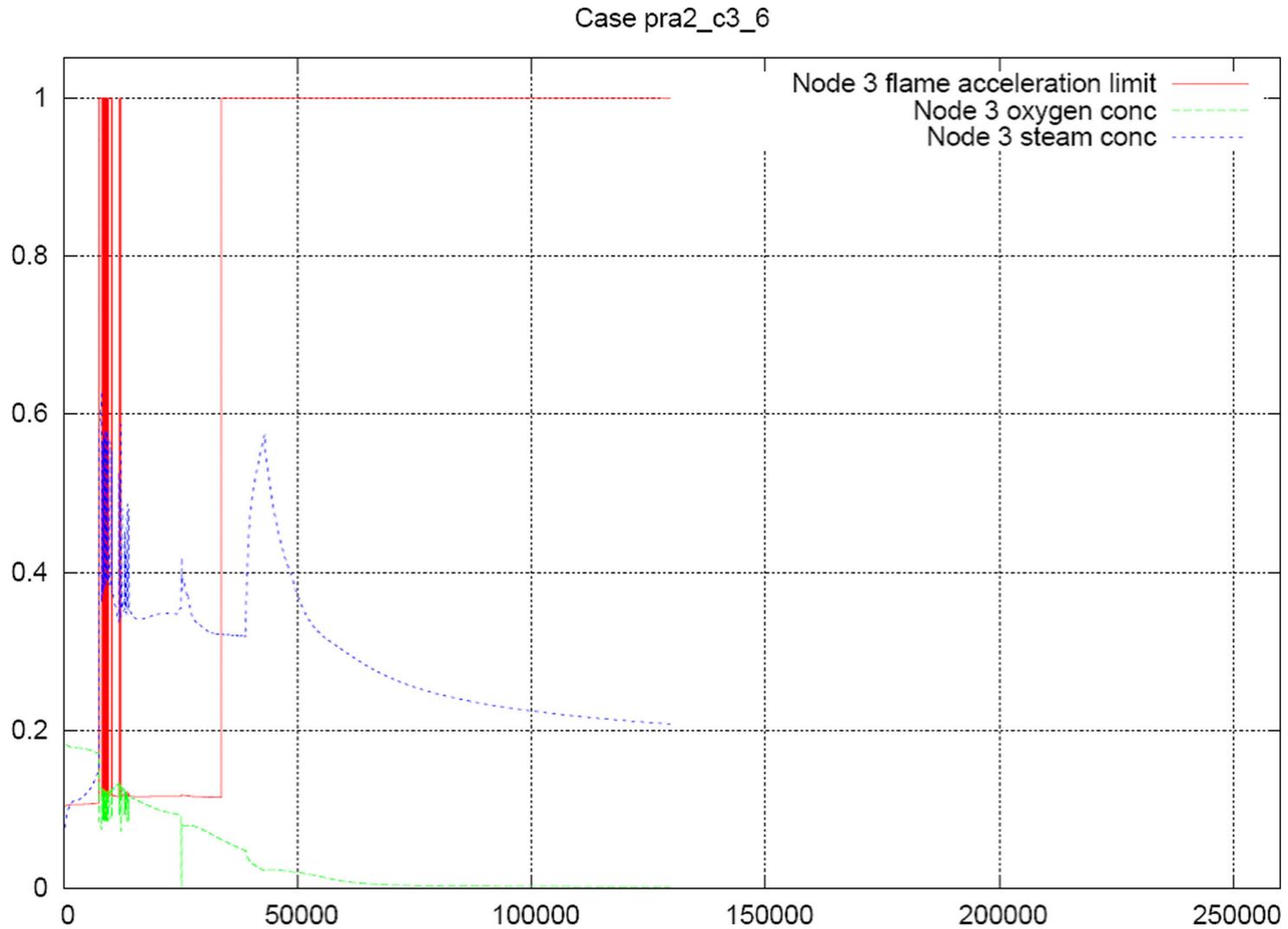
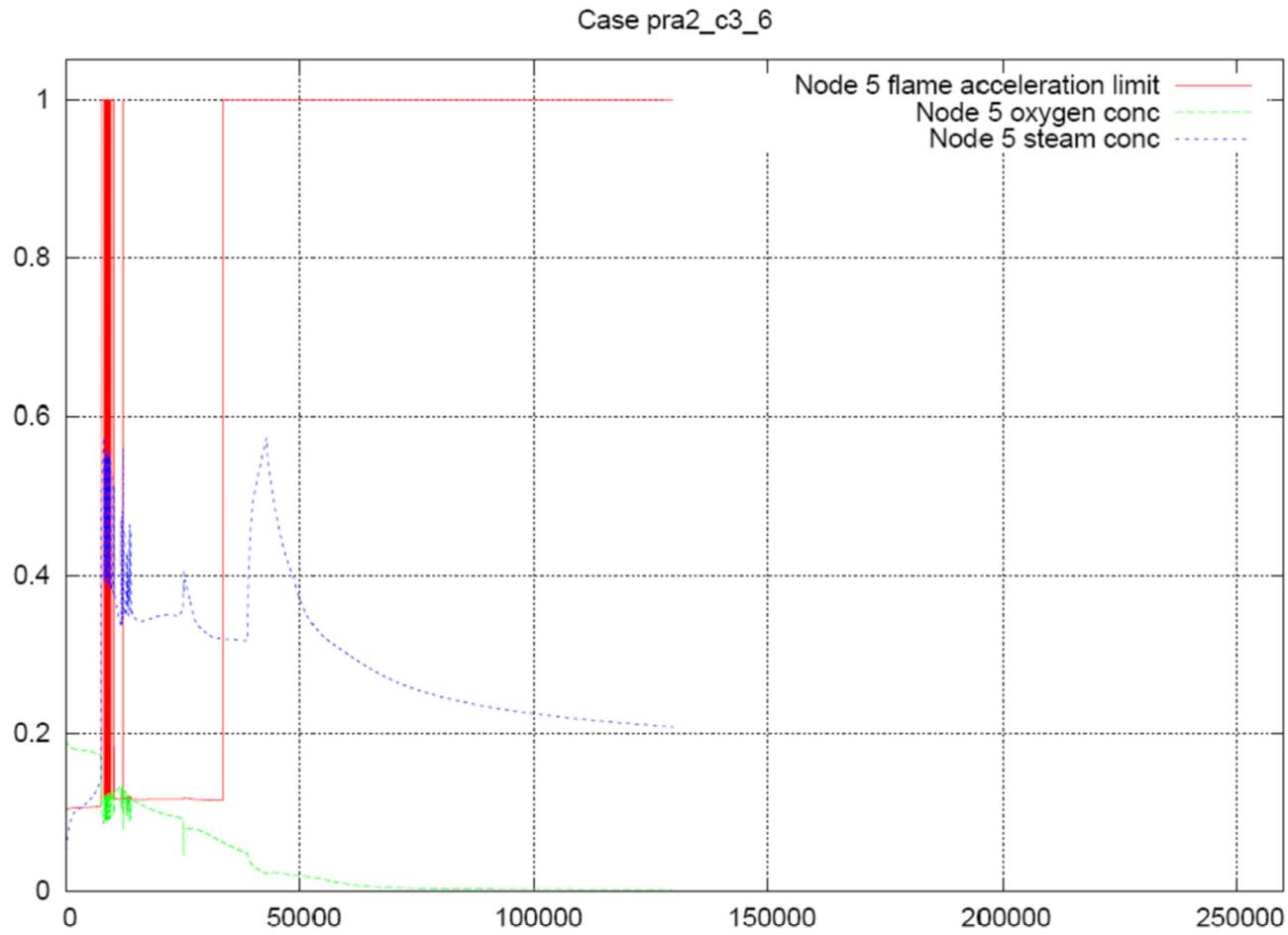


Figure A 117: Oxygen and steam concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c3\_6, containment node 3)



**Figure A 118: Oxygen and steam concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c3\_6, containment node 5)**

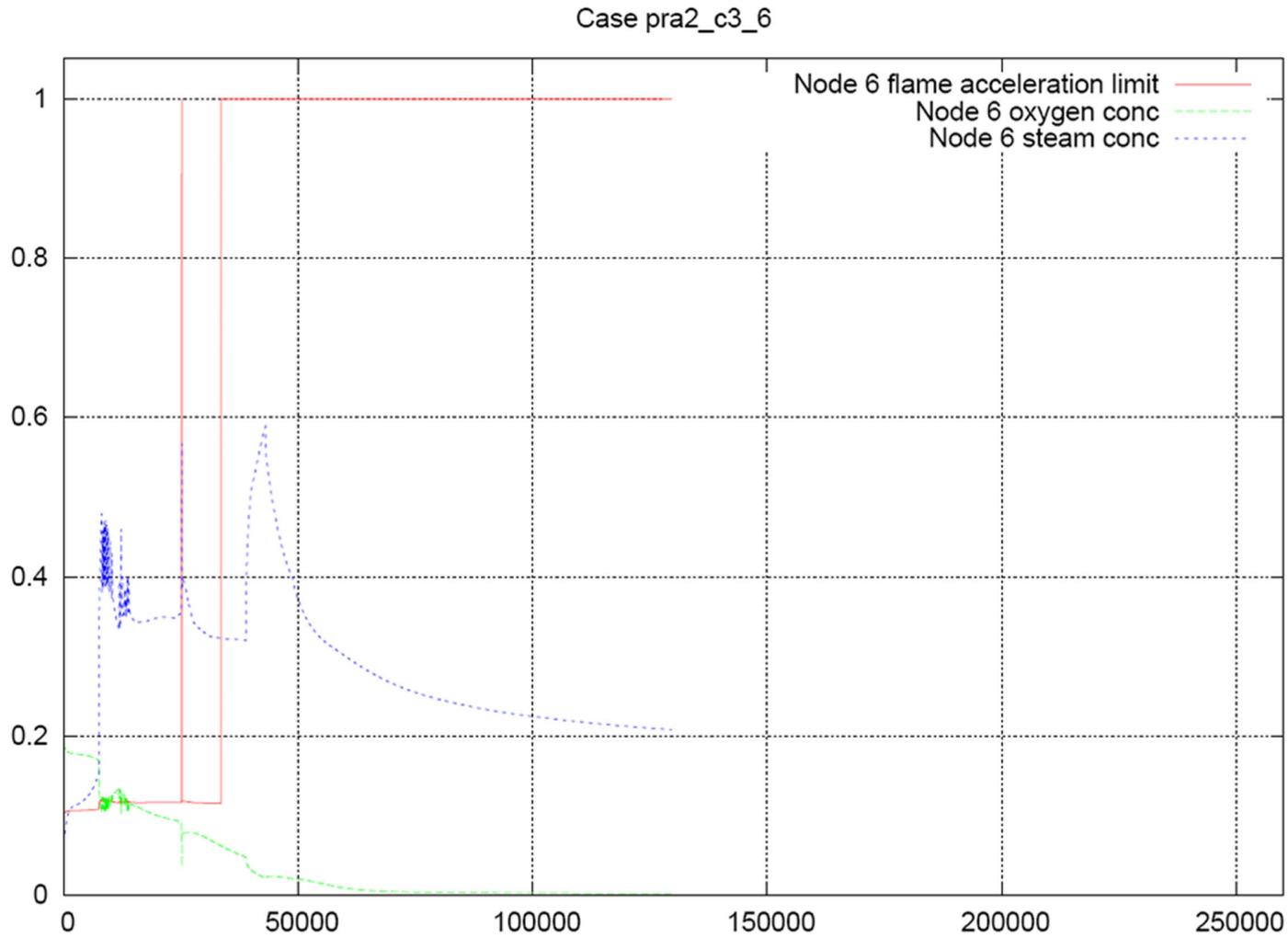


Figure A 119: Oxygen and steam concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c3\_6, containment node 6)

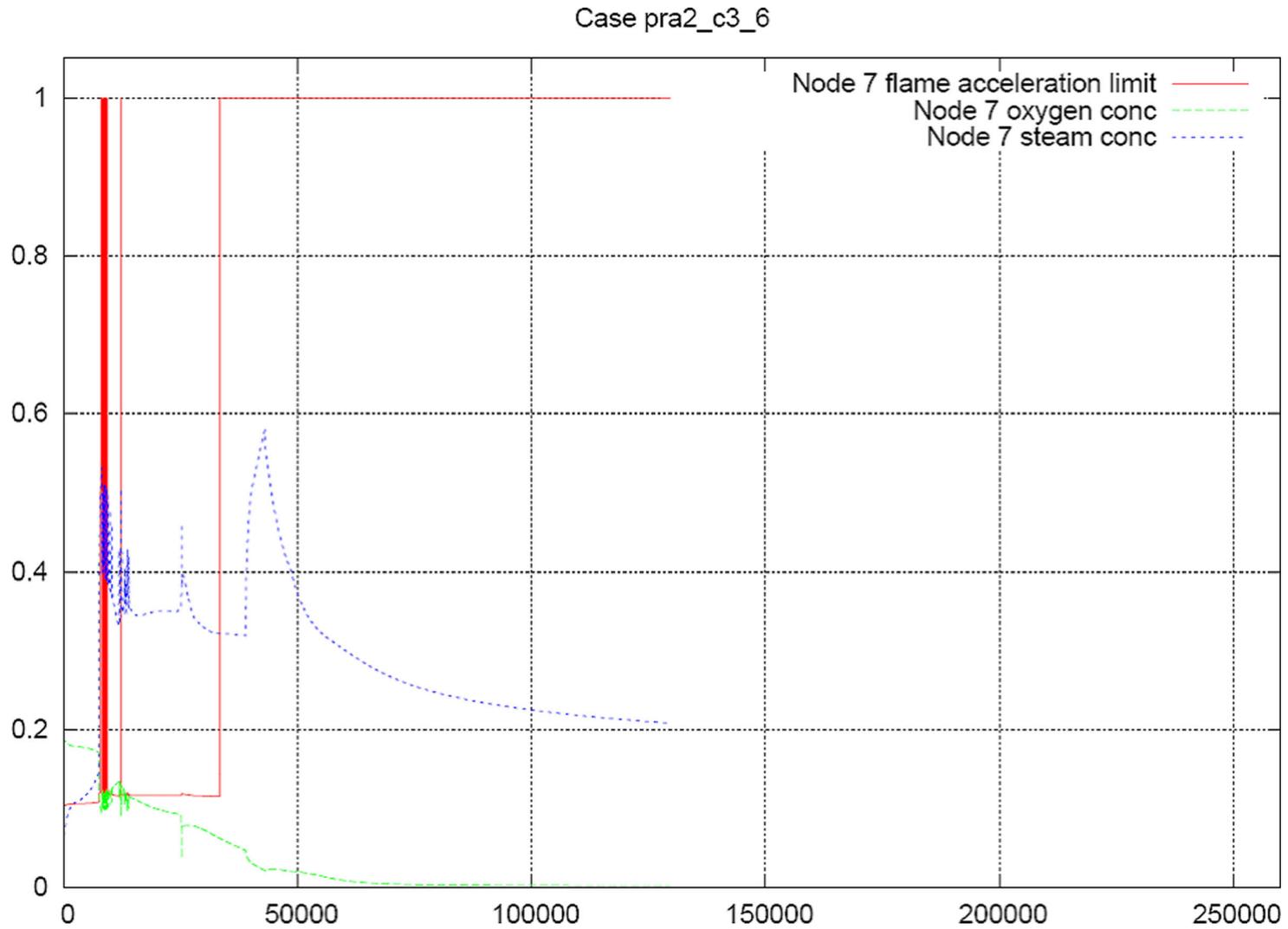
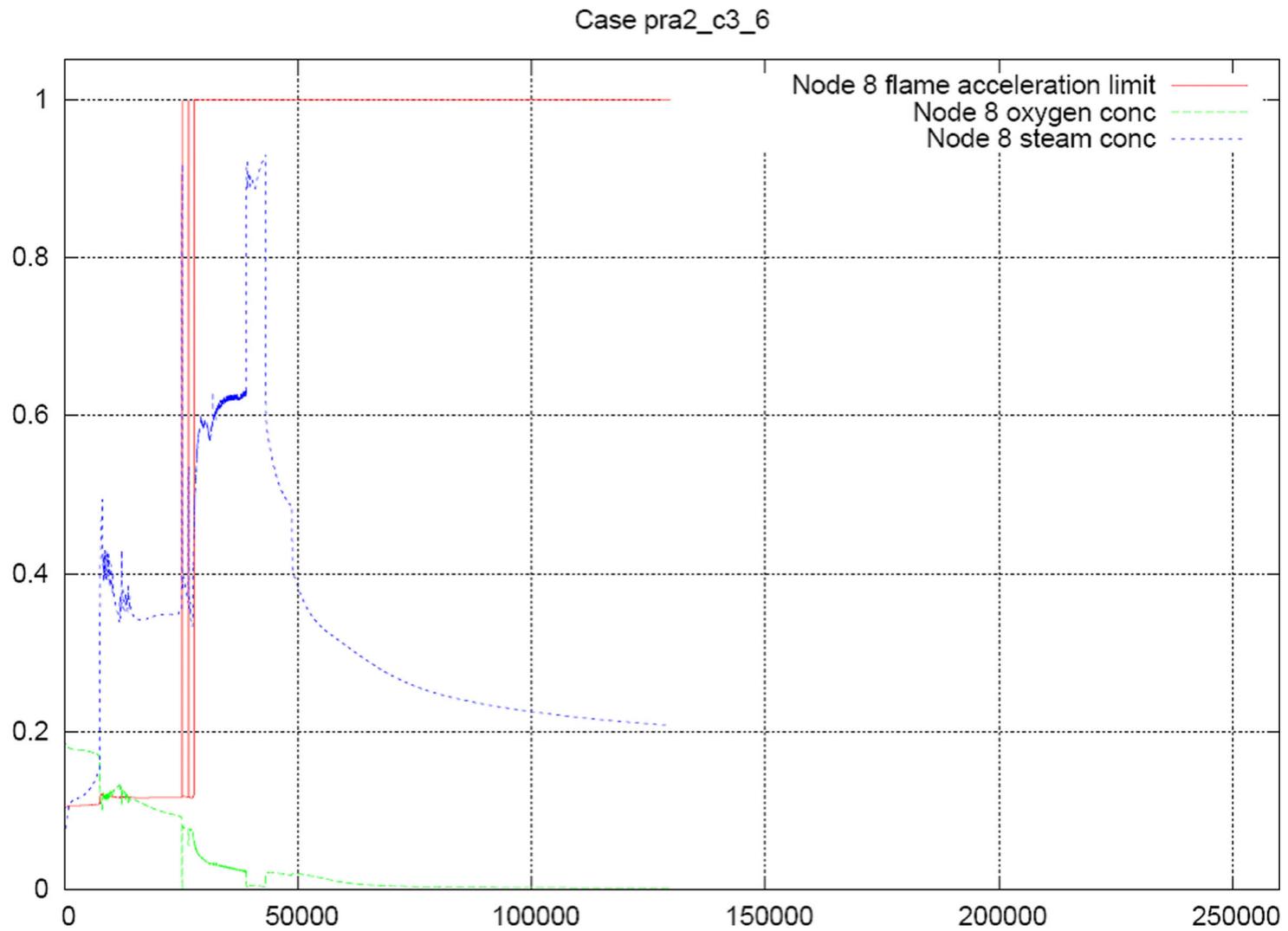


Figure A 120: Oxygen and steam concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c3\_6, containment node 7)



**Figure A 121: Oxygen and steam concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c3\_6, containment node 8)**

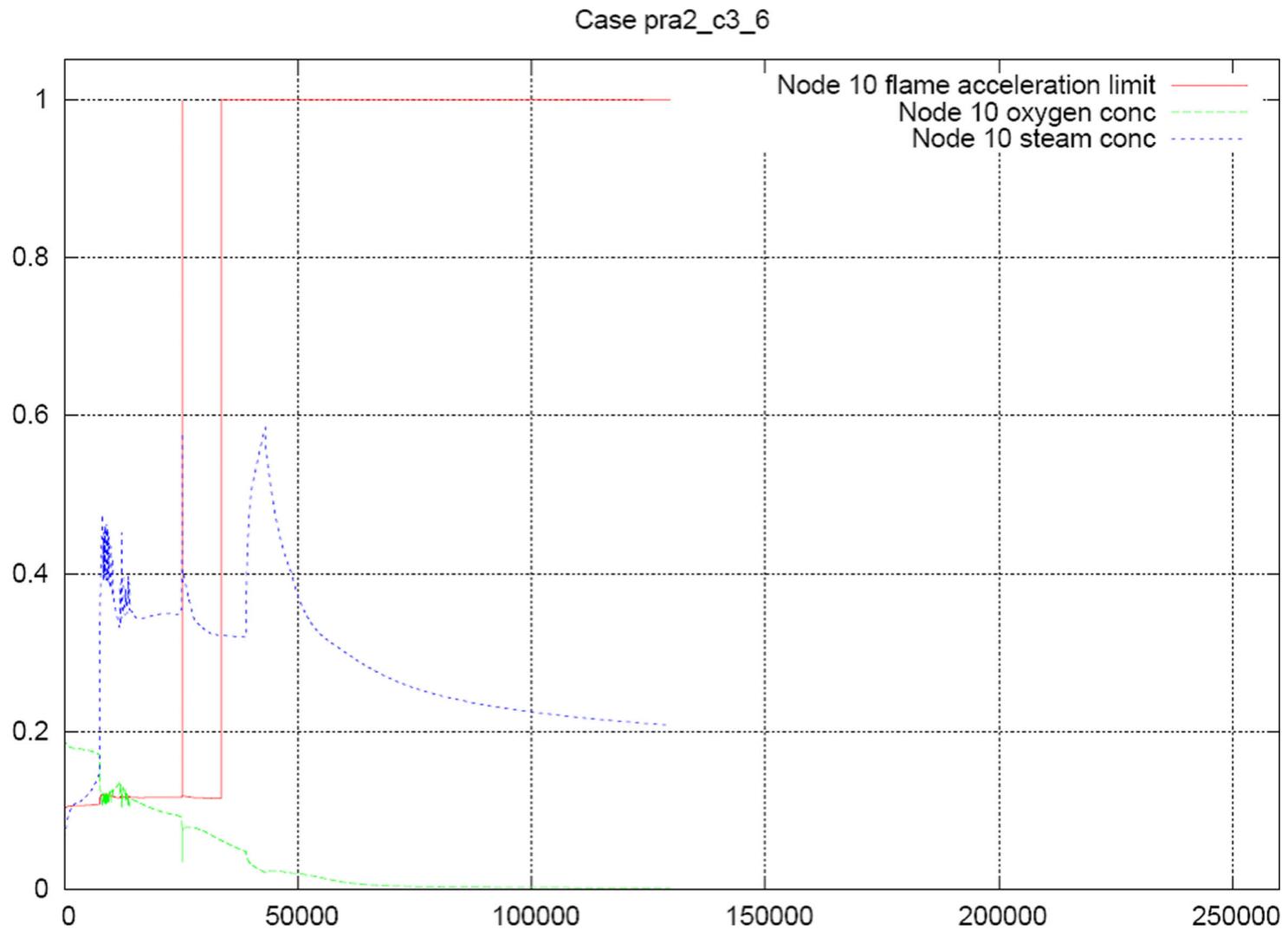


Figure A 122: Oxygen and steam concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c3\_6, containment node 10)

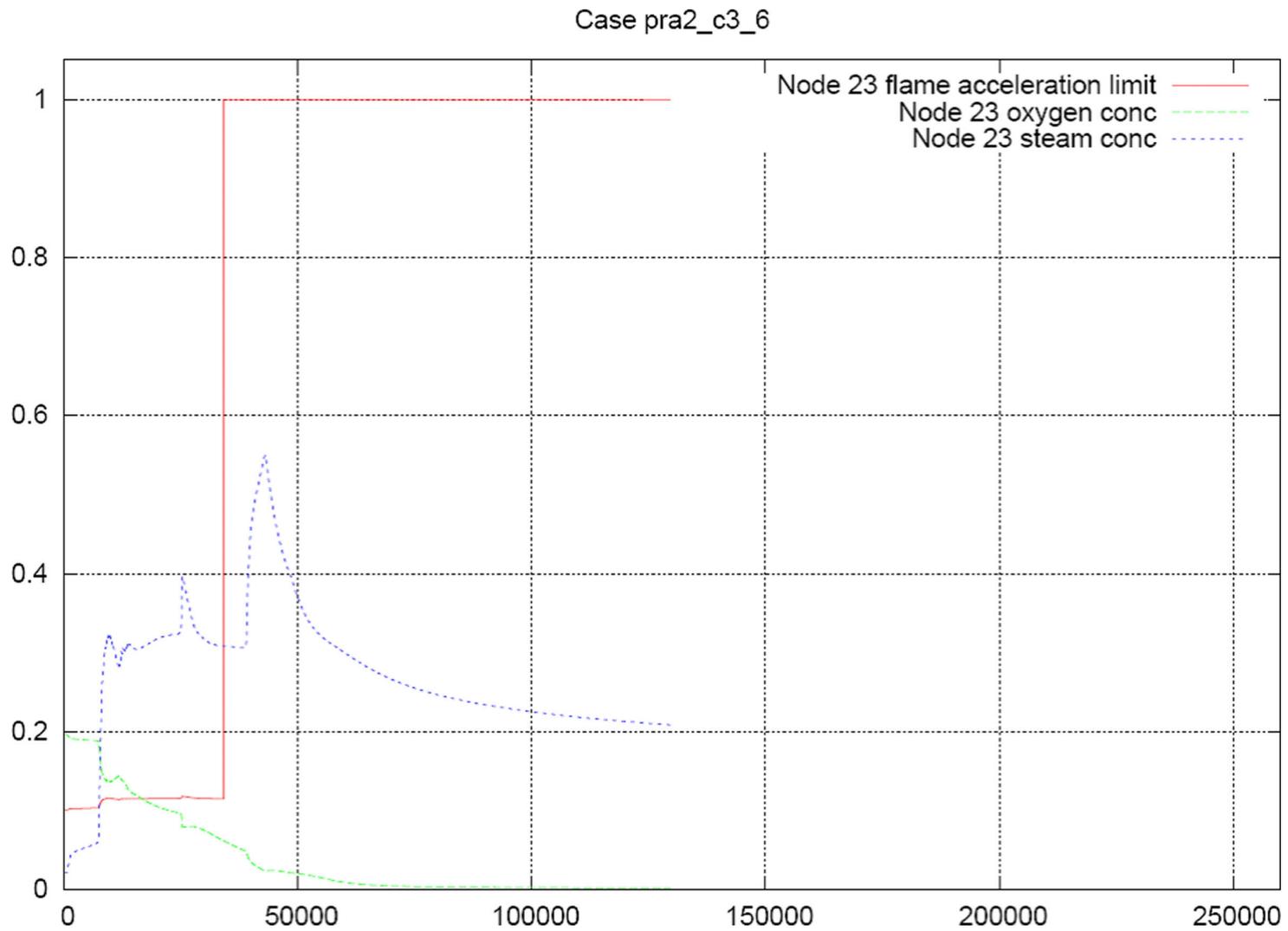
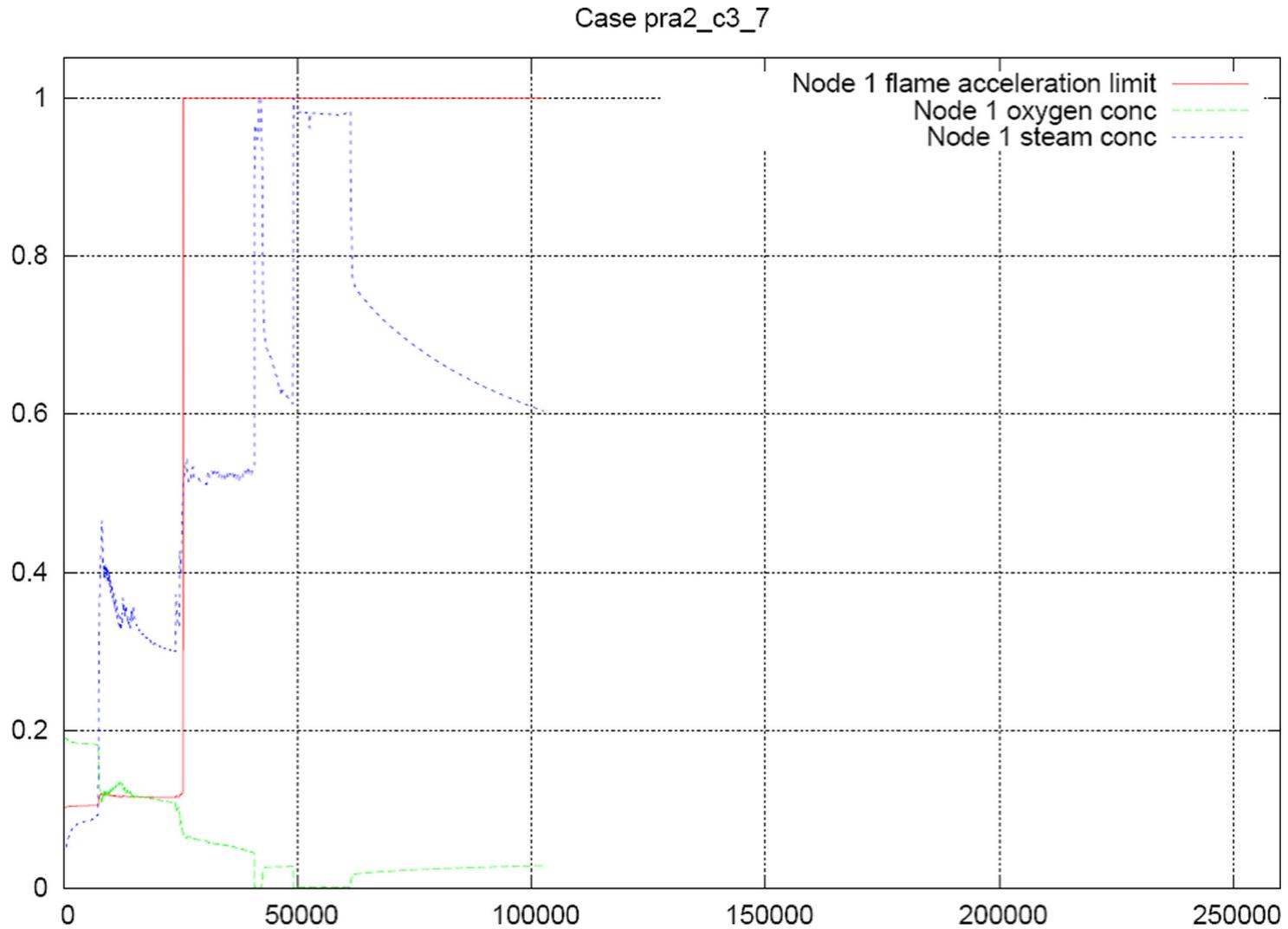


Figure A 123: Oxygen and steam concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c3\_6, containment node 23)



**Figure A 124: Oxygen and steam concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c3\_7, containment node 1)**

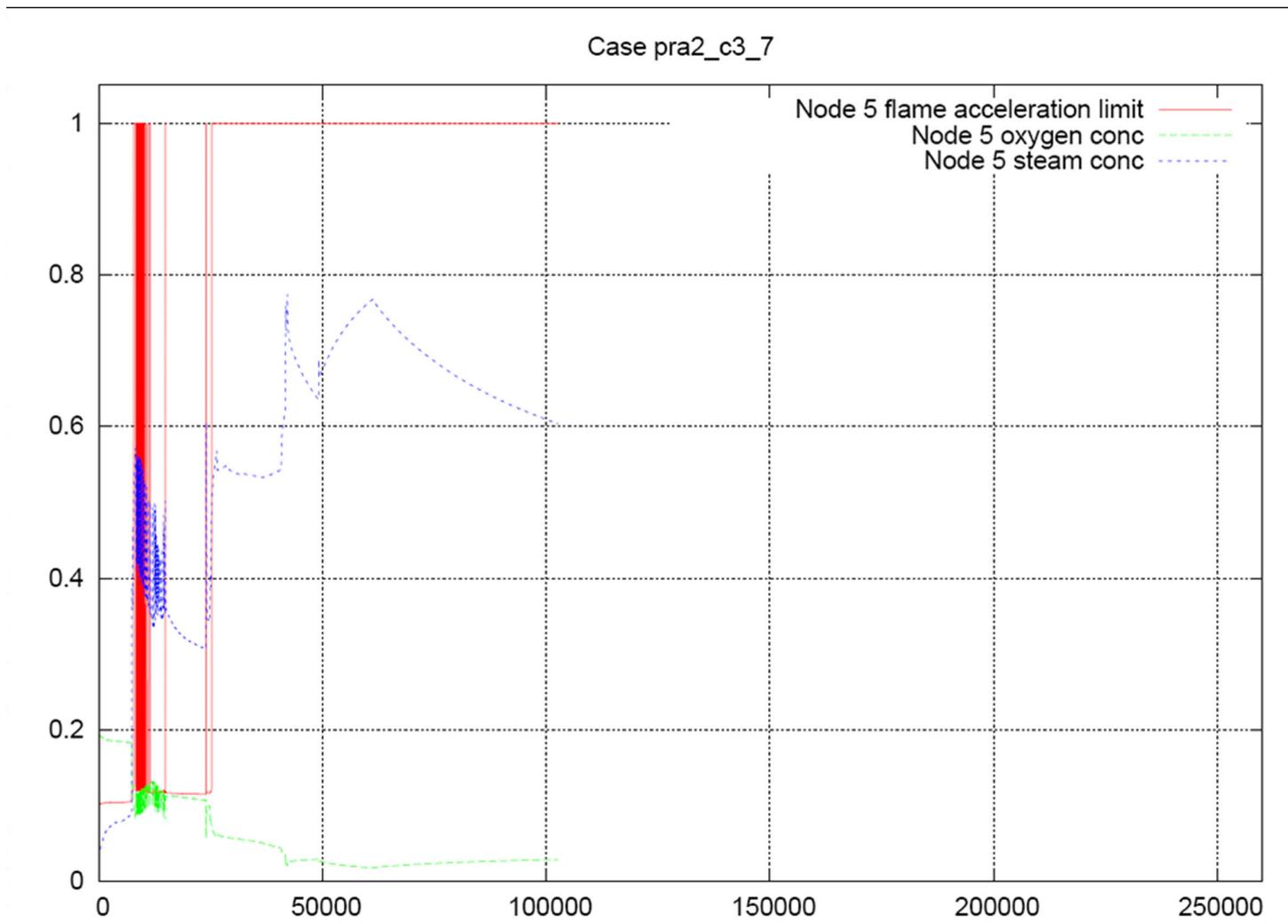


Figure A 125: Oxygen and steam concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c3\_7, containment node 5)

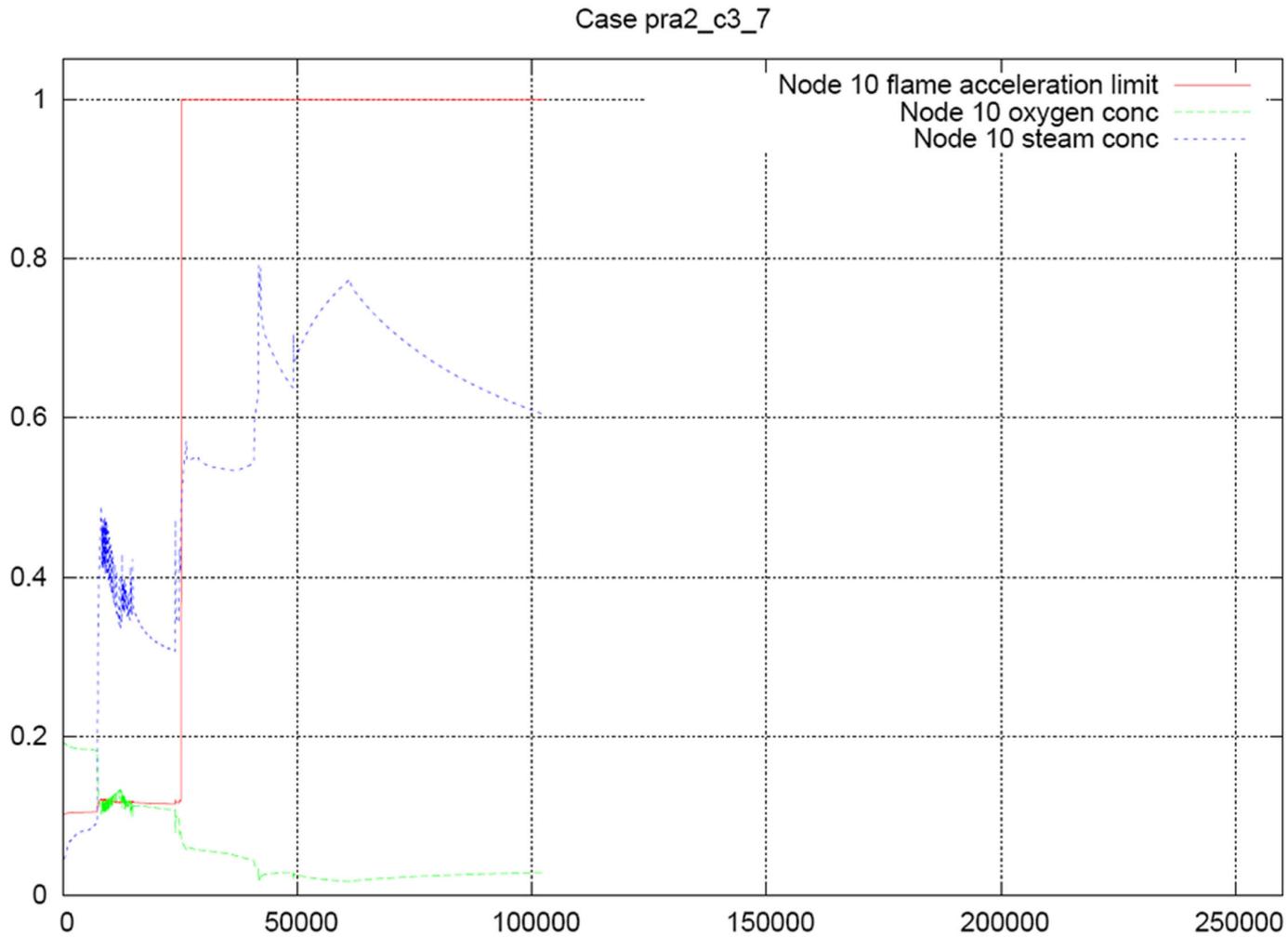
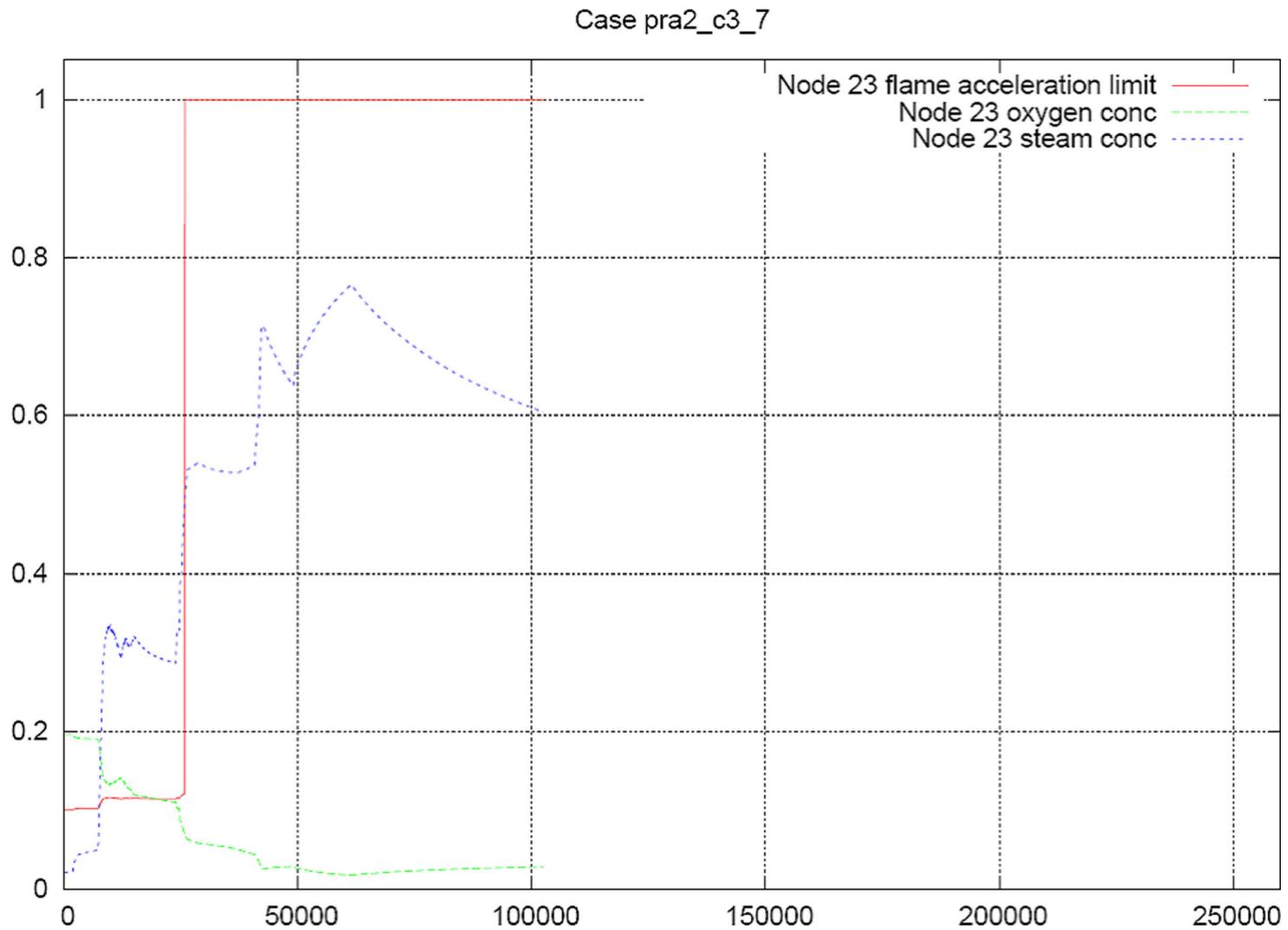


Figure A 126: Oxygen and steam concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c3\_7, containment node 10)



**Figure A 127: Oxygen and steam concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c3\_7, containment node 23)**

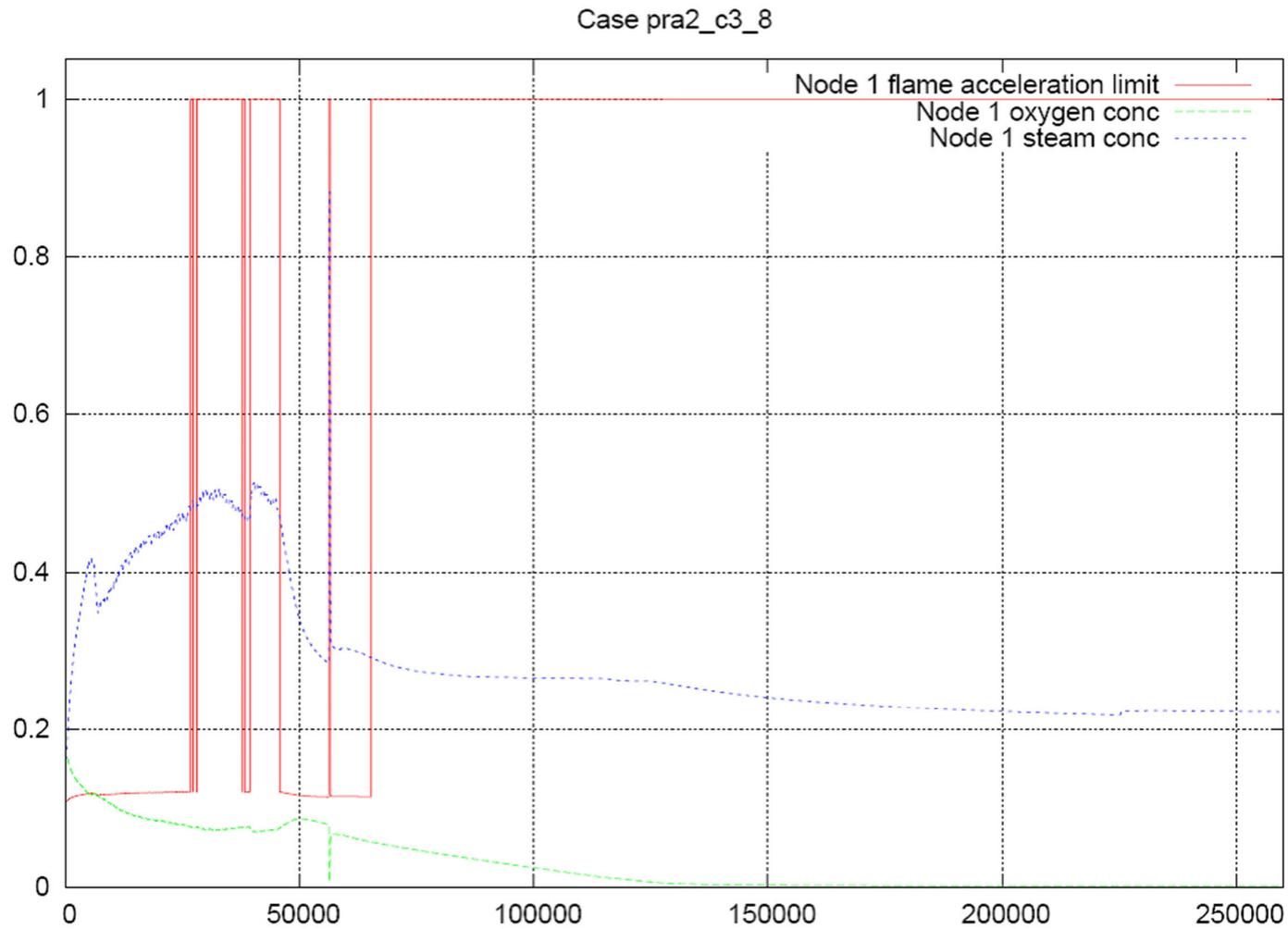


Figure A 128: Oxygen and steam concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c3\_8, containment node 1)

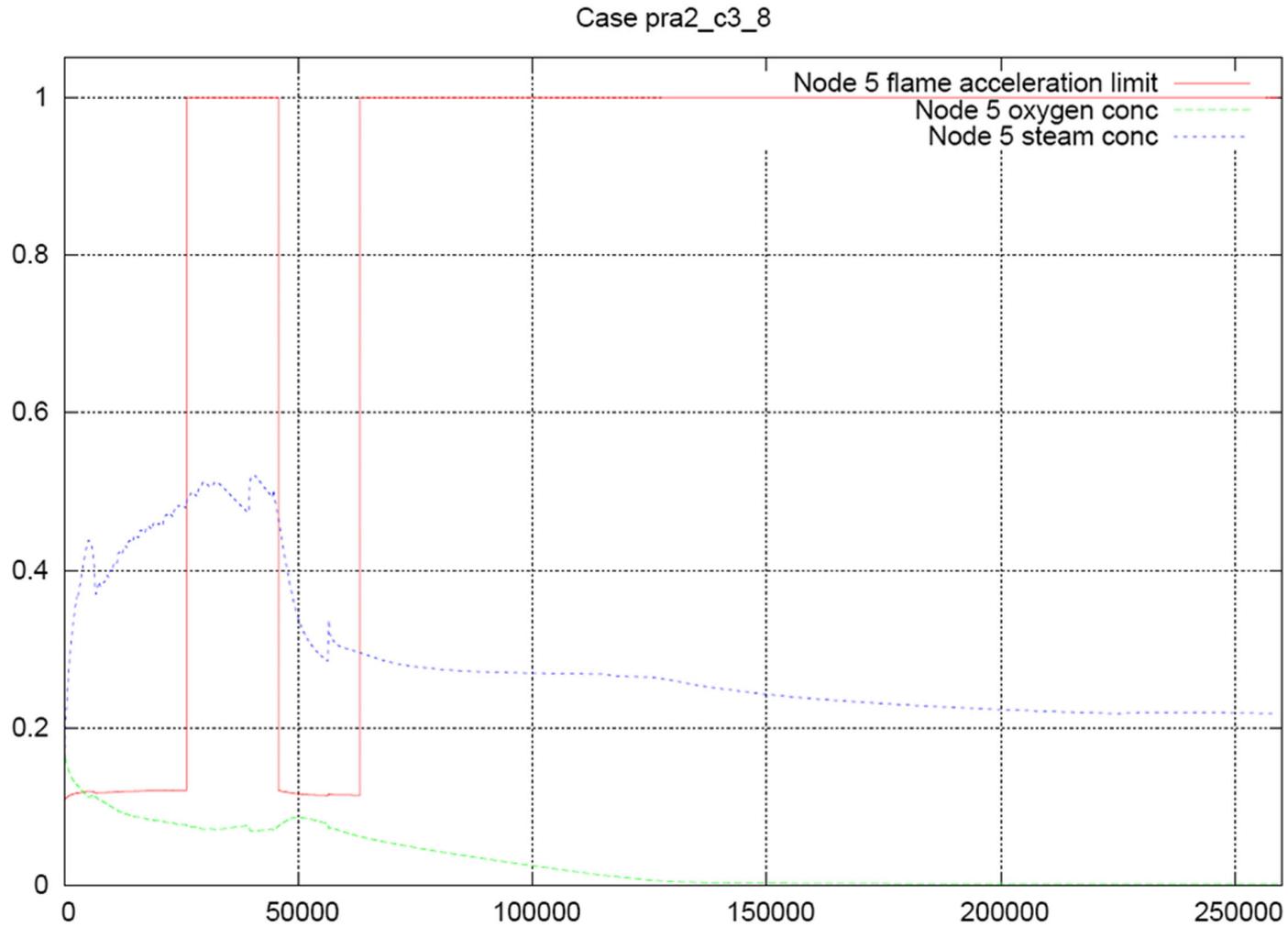


Figure A 129: Oxygen and steam concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c3\_8, containment node 5)

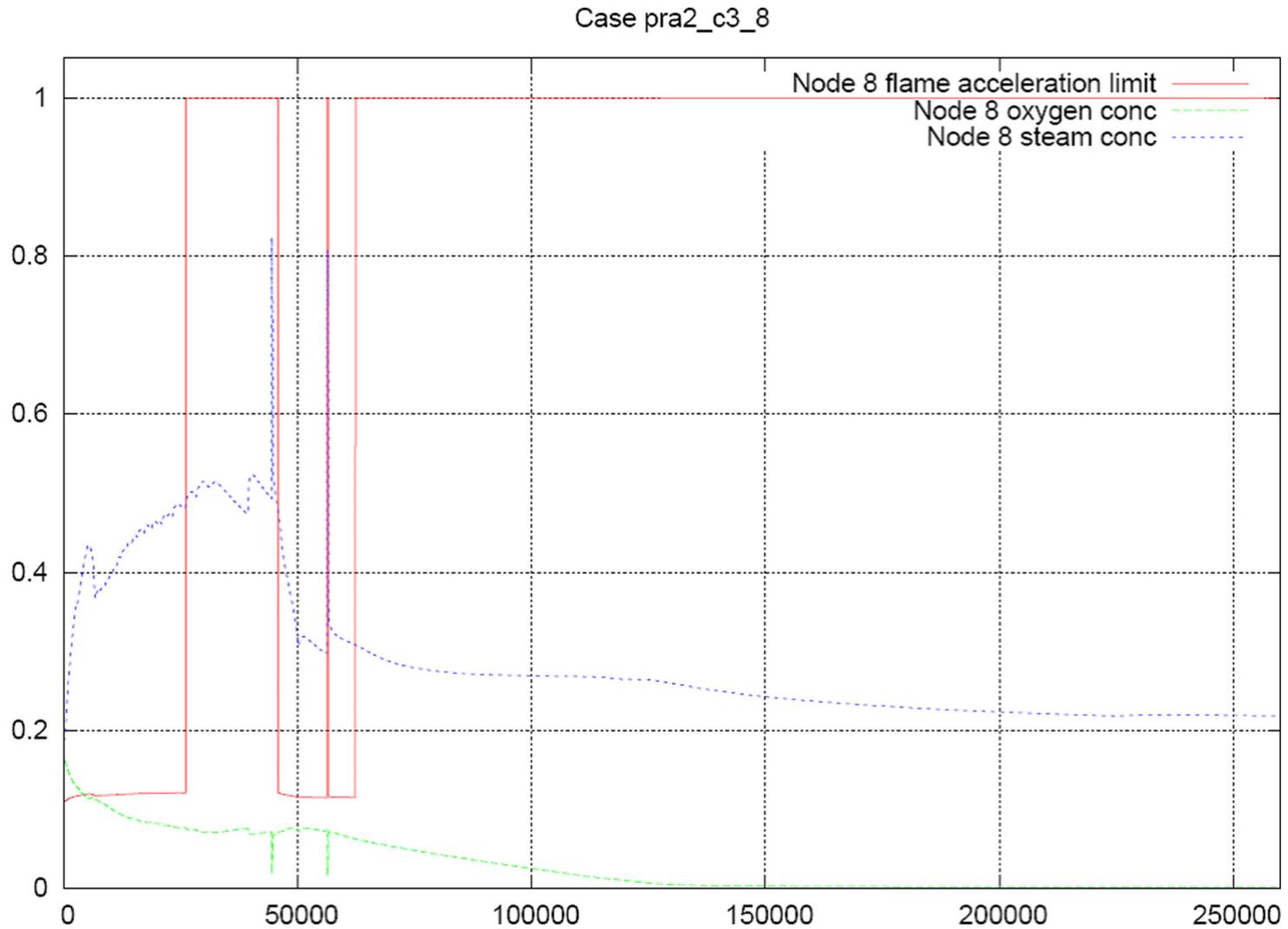


Figure A 130: Oxygen and steam concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c3\_8, containment node 8)

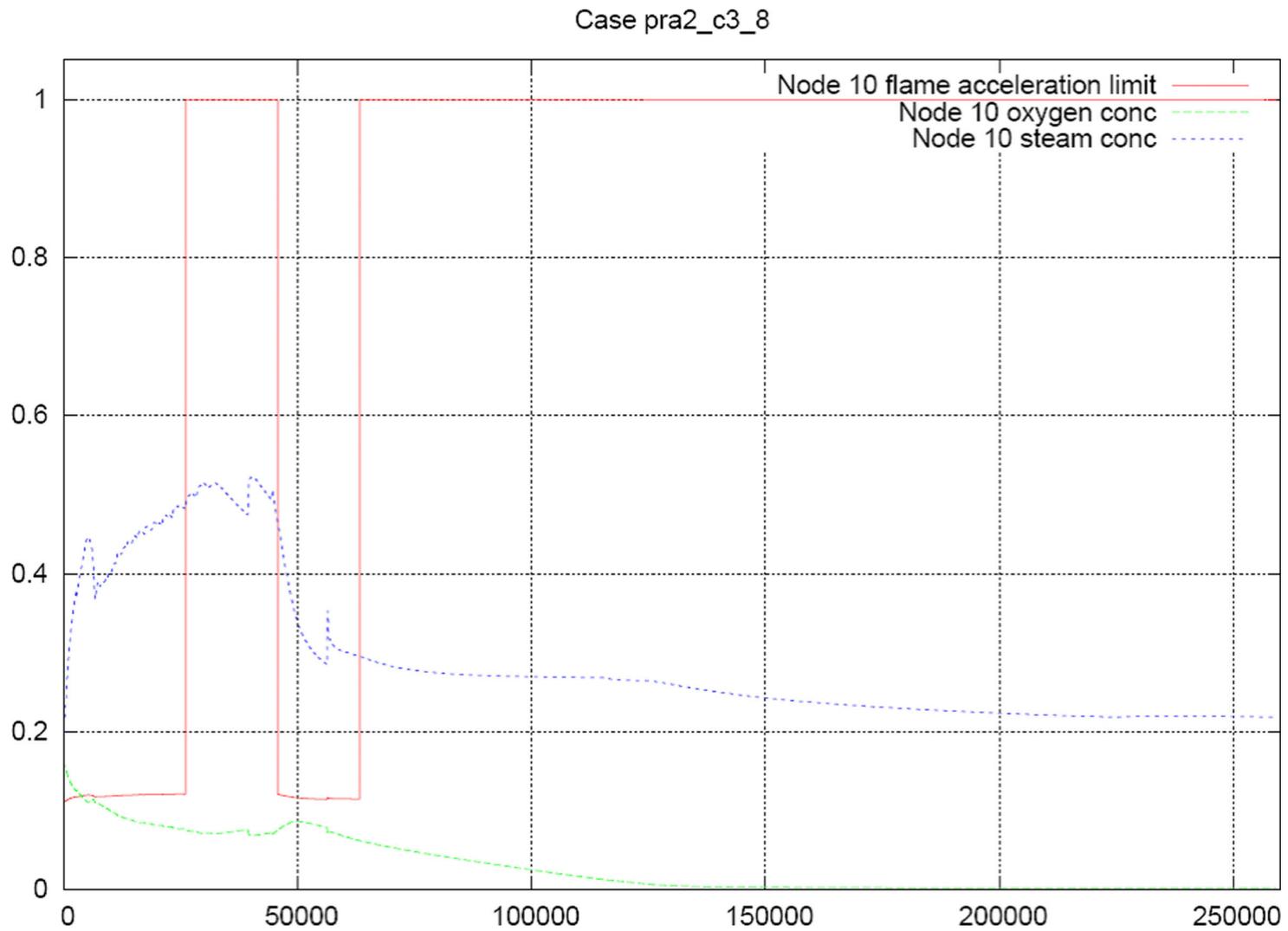


Figure A 131: Oxygen and steam concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c3\_8, containment node 10)

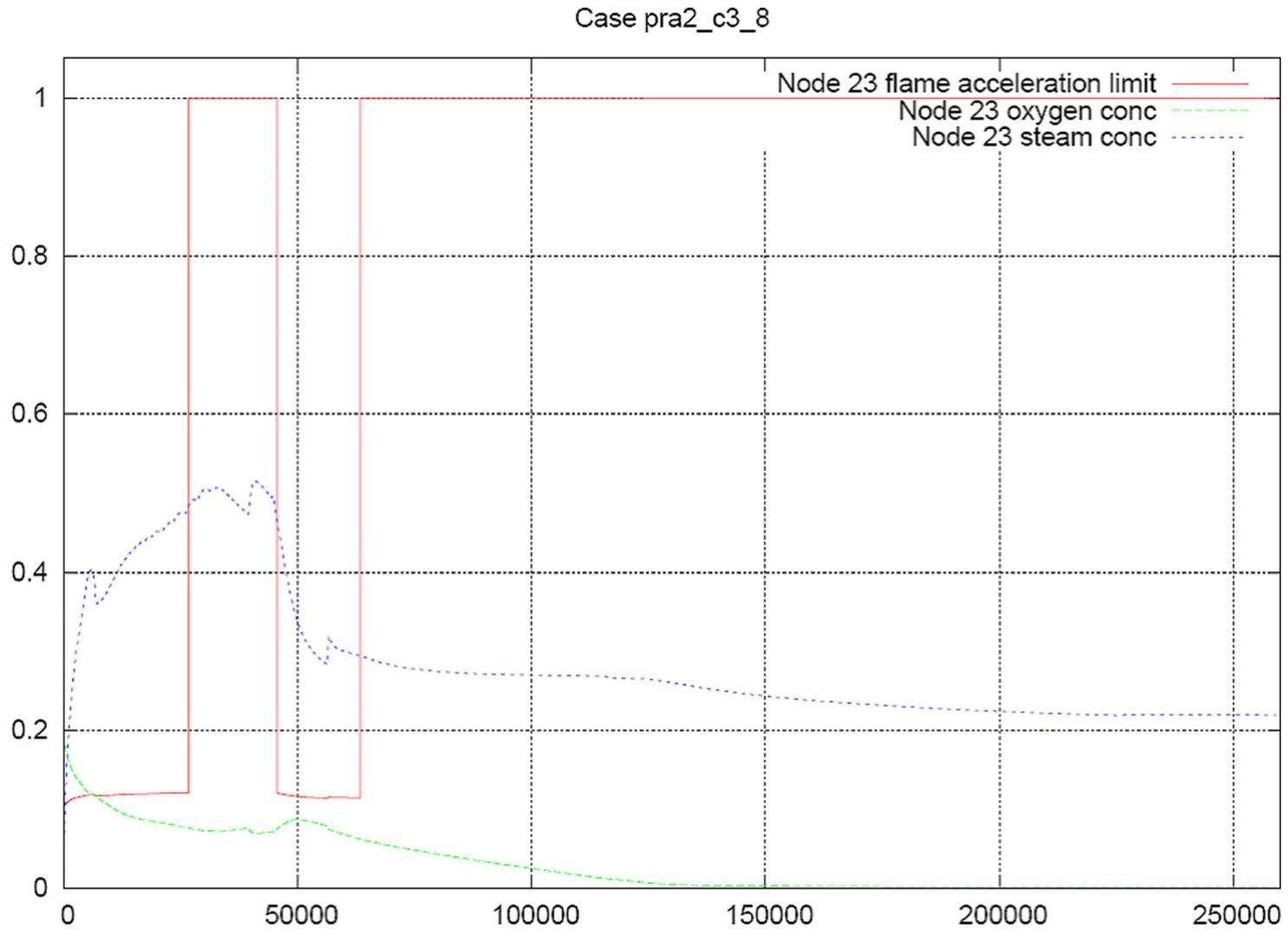


Figure A 132: Oxygen and steam concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c3\_8, containment node 23)

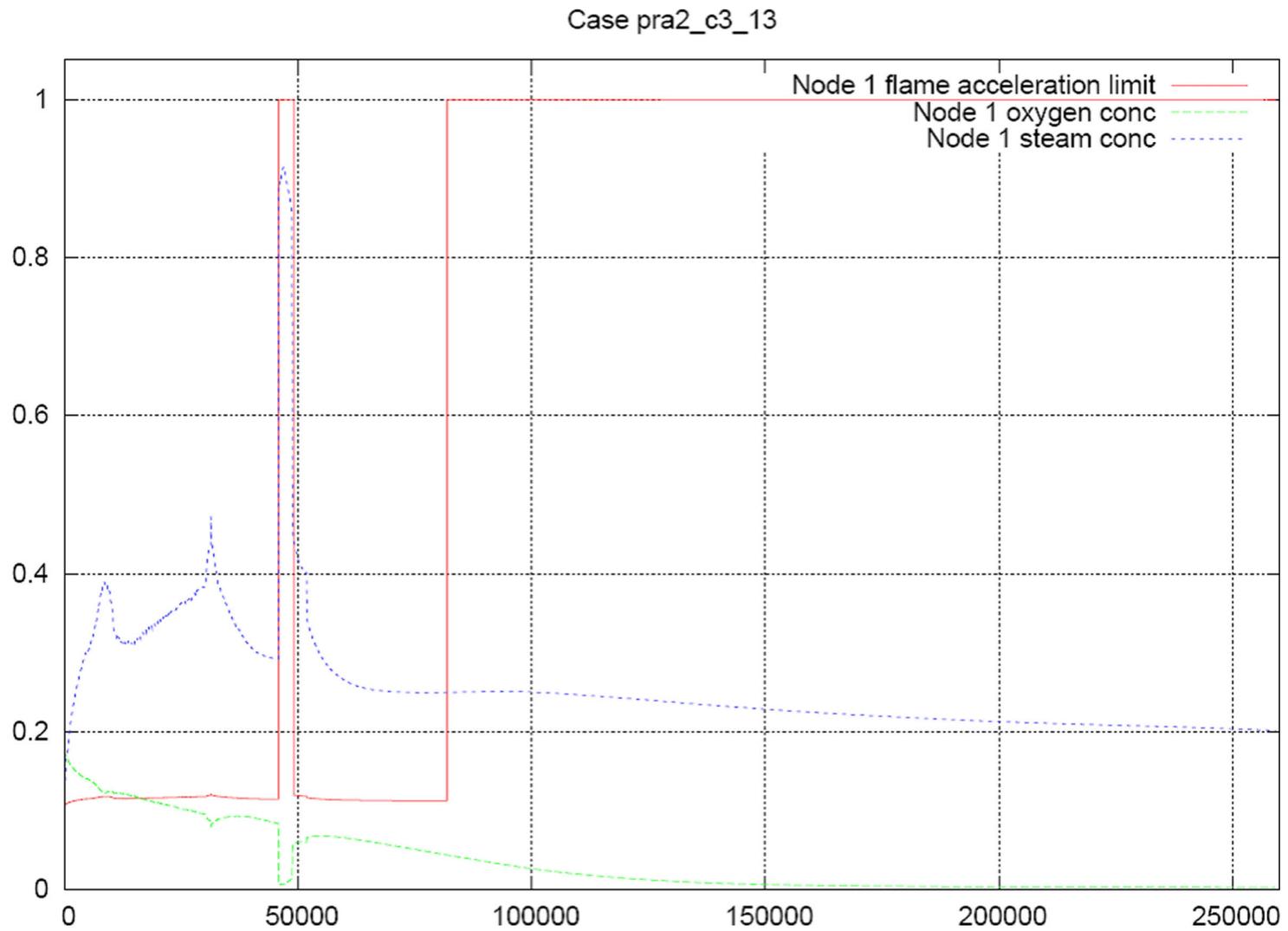


Figure A 133: Oxygen and steam concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c3\_13, containment node 1)

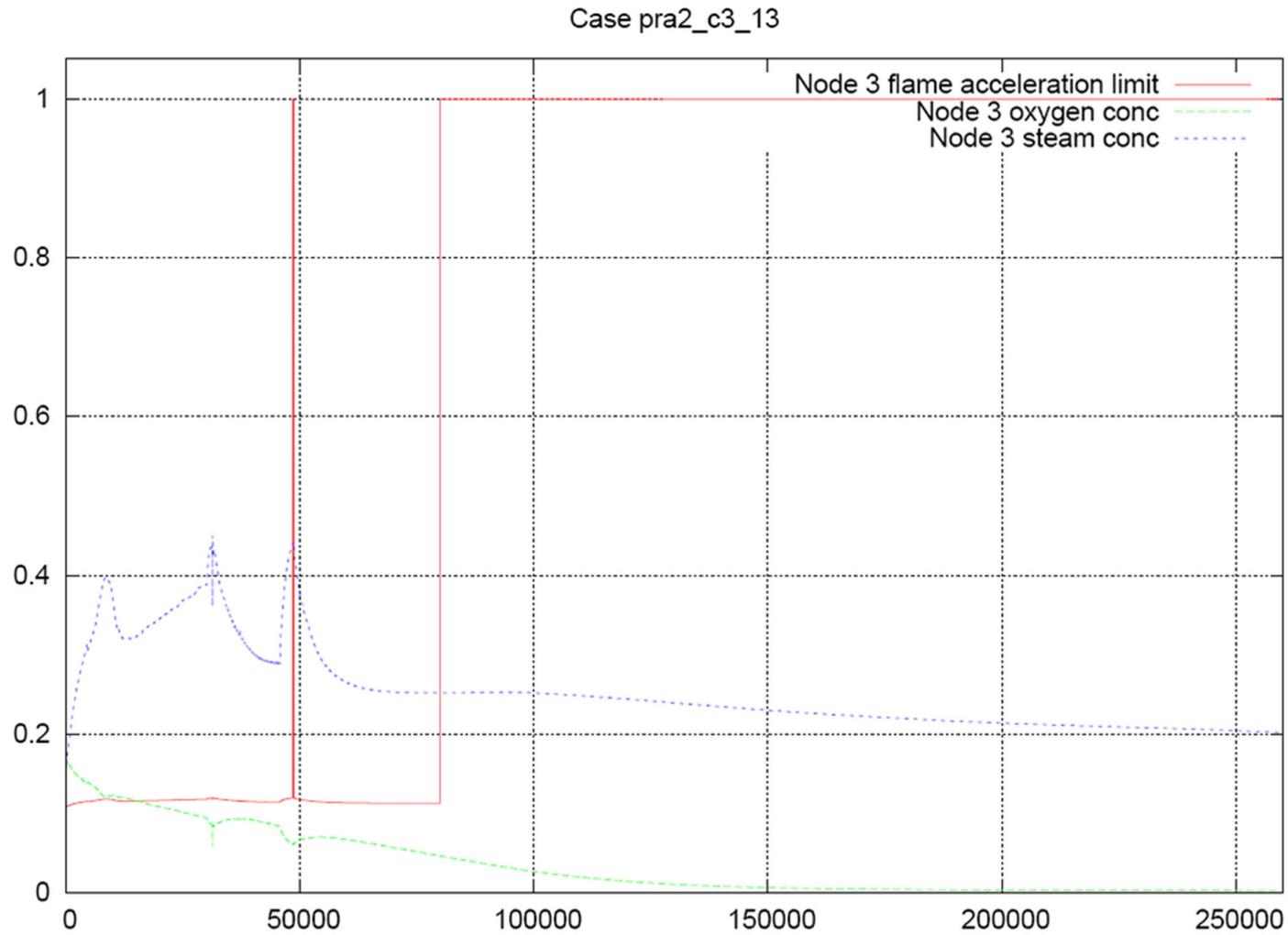


Figure A 134: Oxygen and steam concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c3\_13, containment node 3)

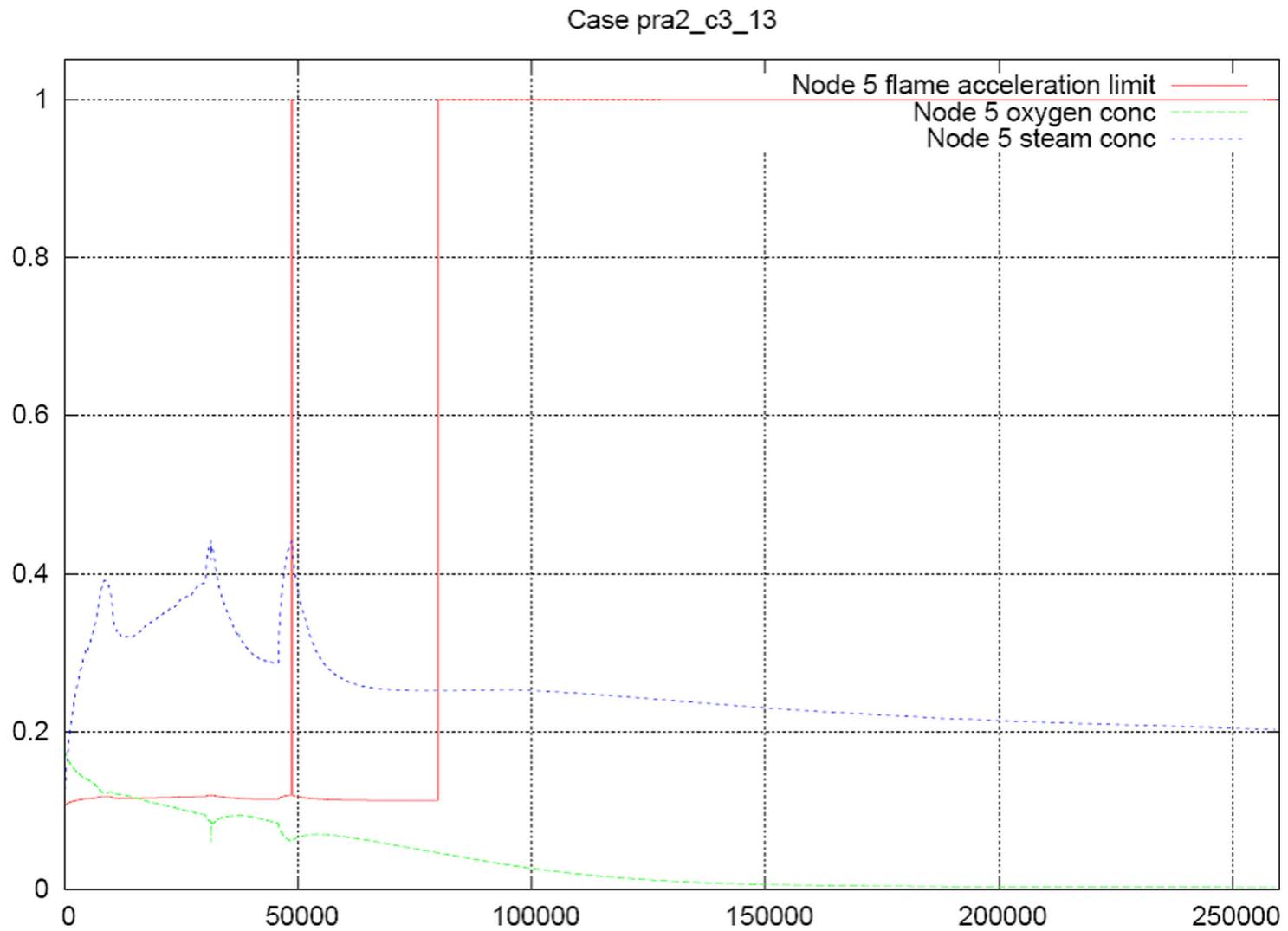


Figure A 135: Oxygen and steam concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c3\_13, containment node 5)

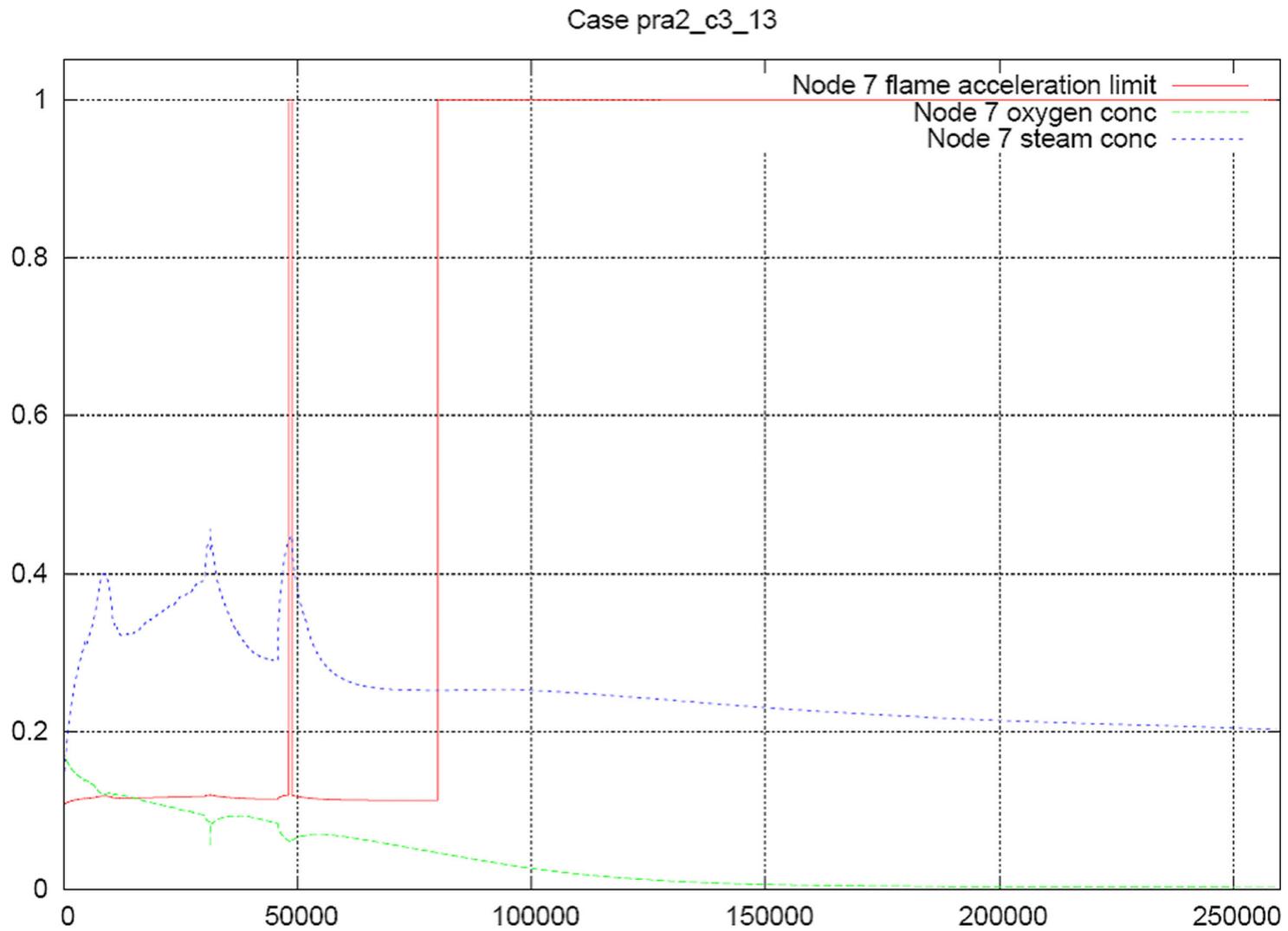


Figure A 136: Oxygen and steam concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c3\_13, containment node 7)

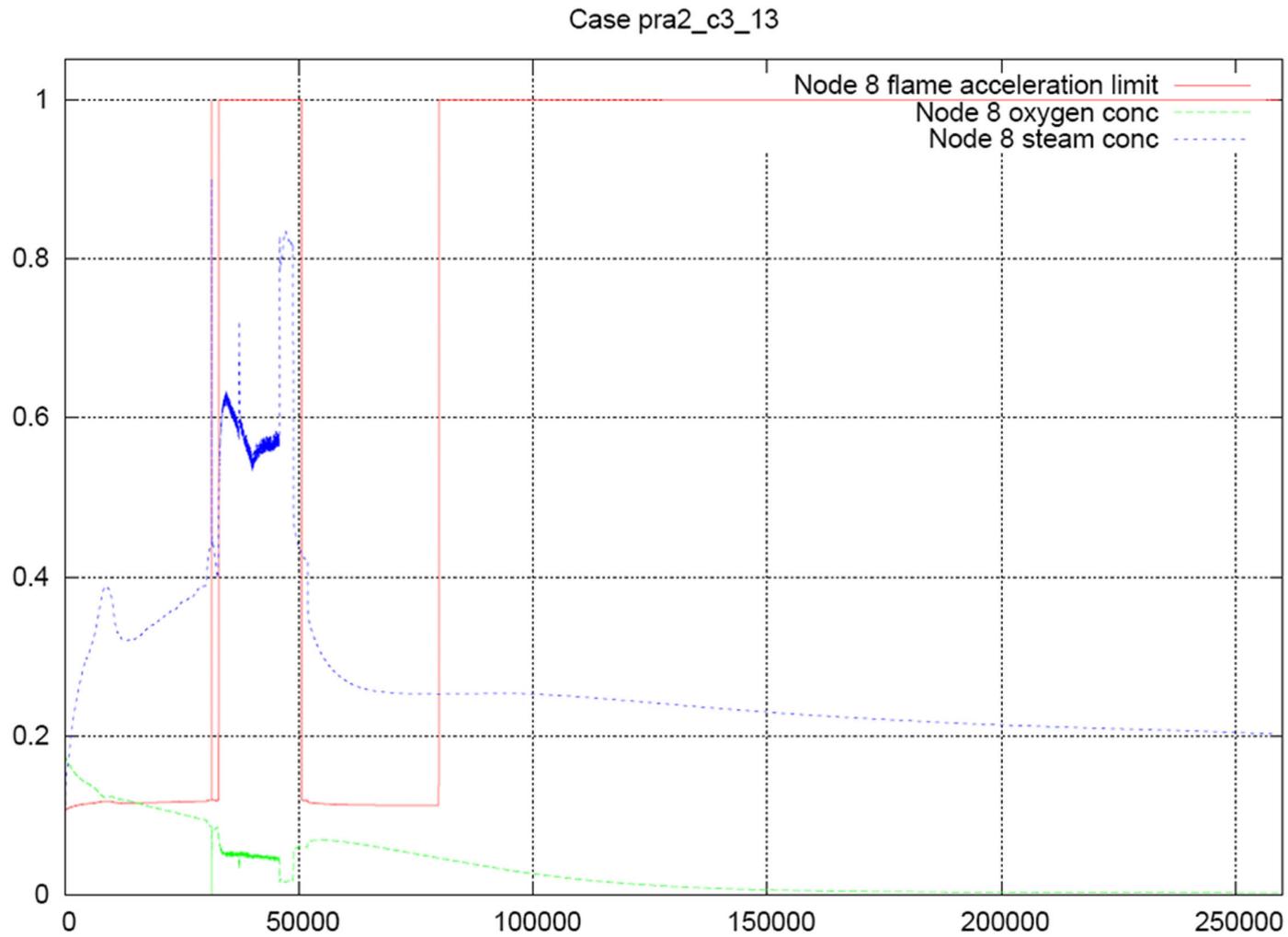


Figure A 137: Oxygen and steam concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c3\_13, containment node 8)

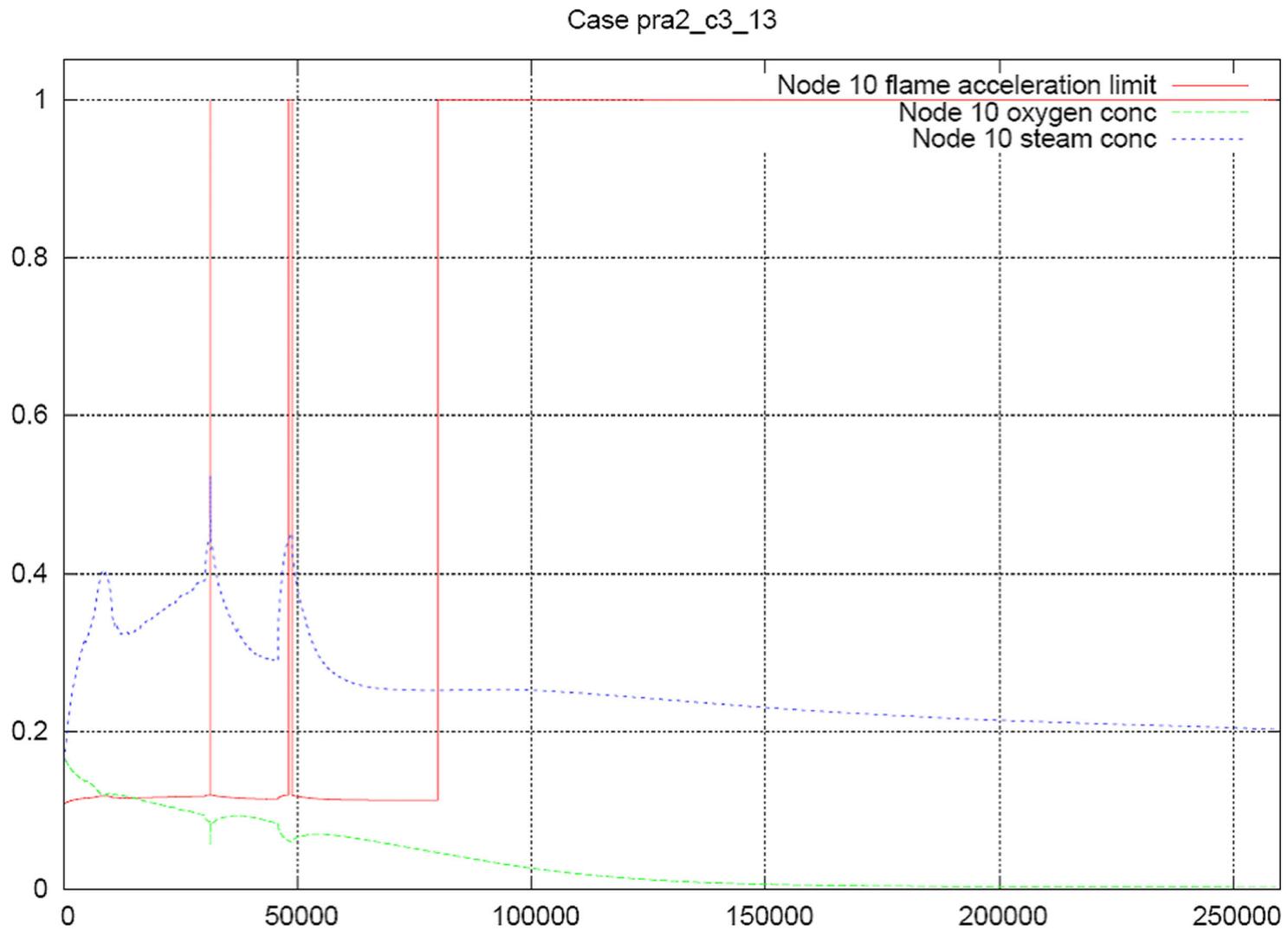


Figure A 138: Oxygen and steam concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c3\_1,3 containment node 10)

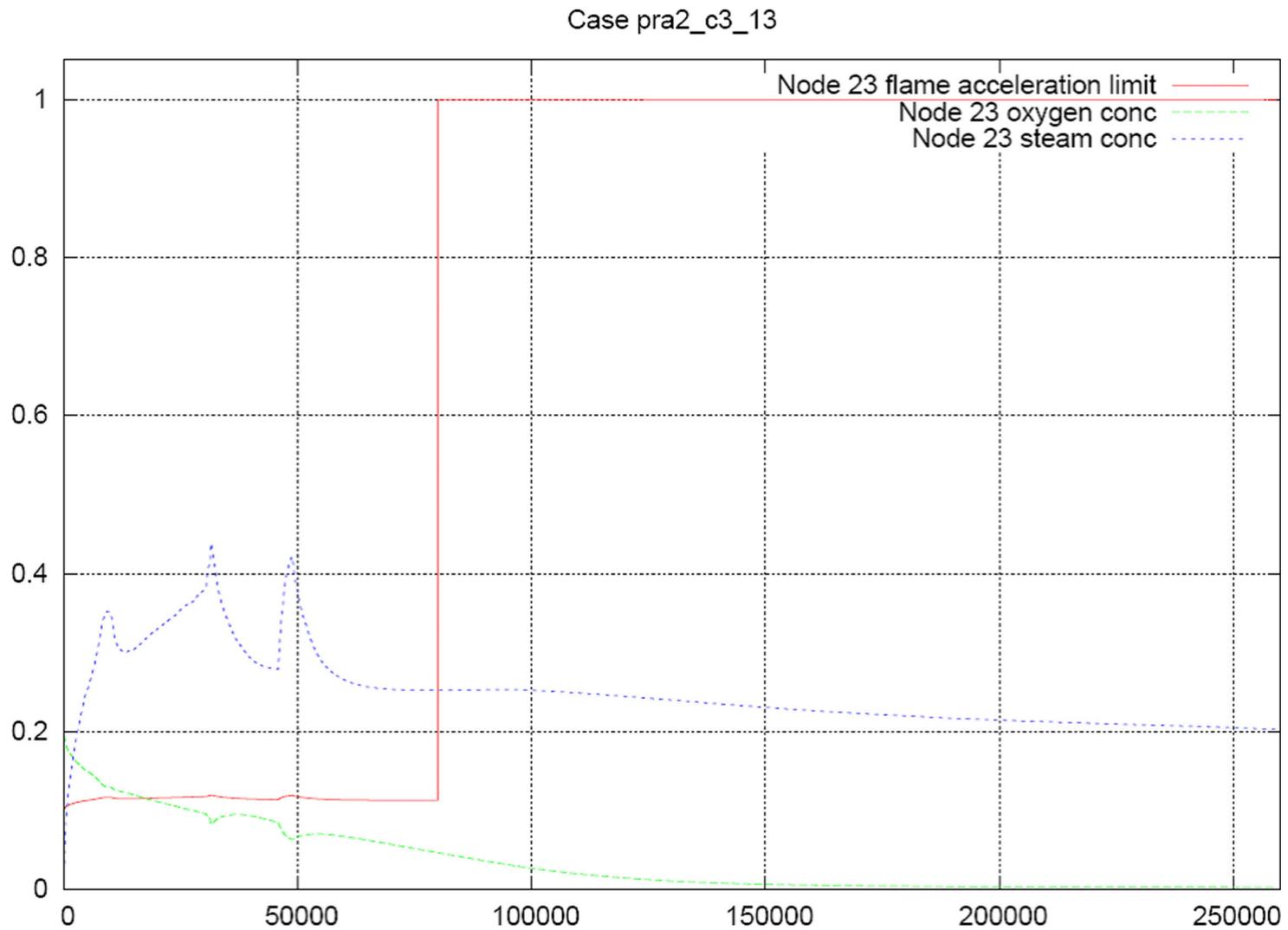


Figure A 139: Oxygen and steam concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c3\_13, containment node 23)

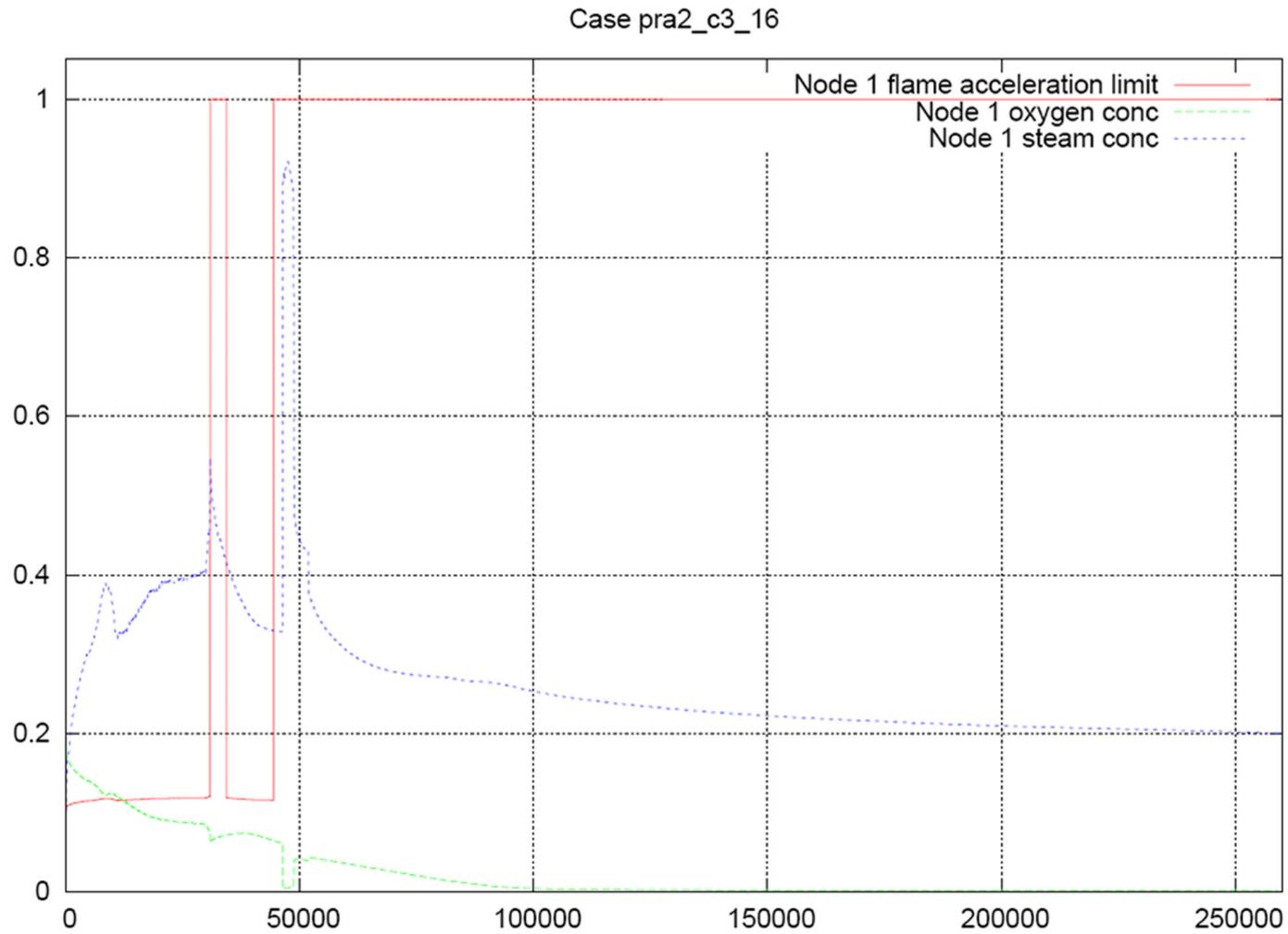


Figure A 140: Oxygen and steam concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c3\_16, containment node 1)

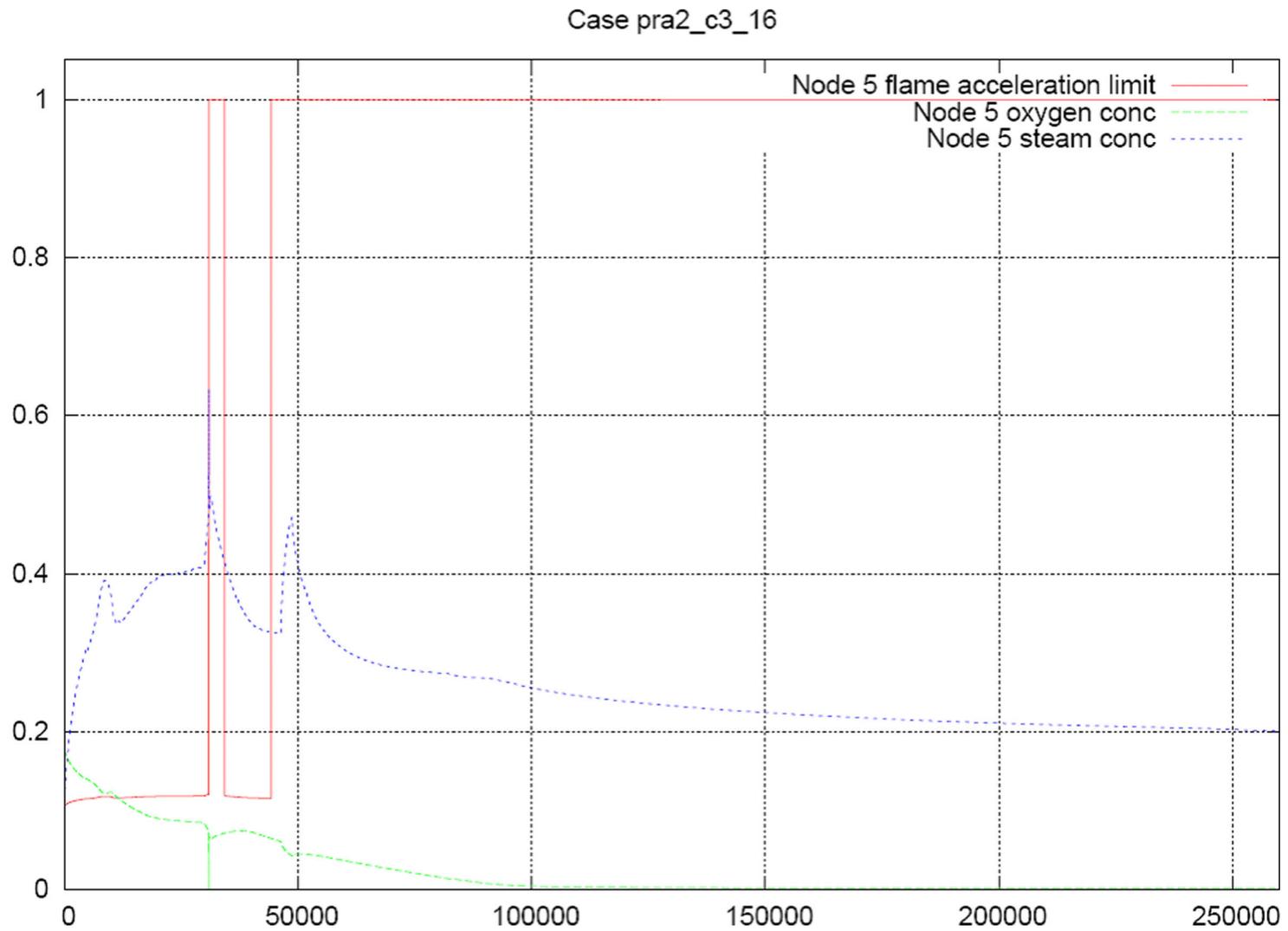


Figure A 141: Oxygen and steam concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c3\_16, containment node 5)

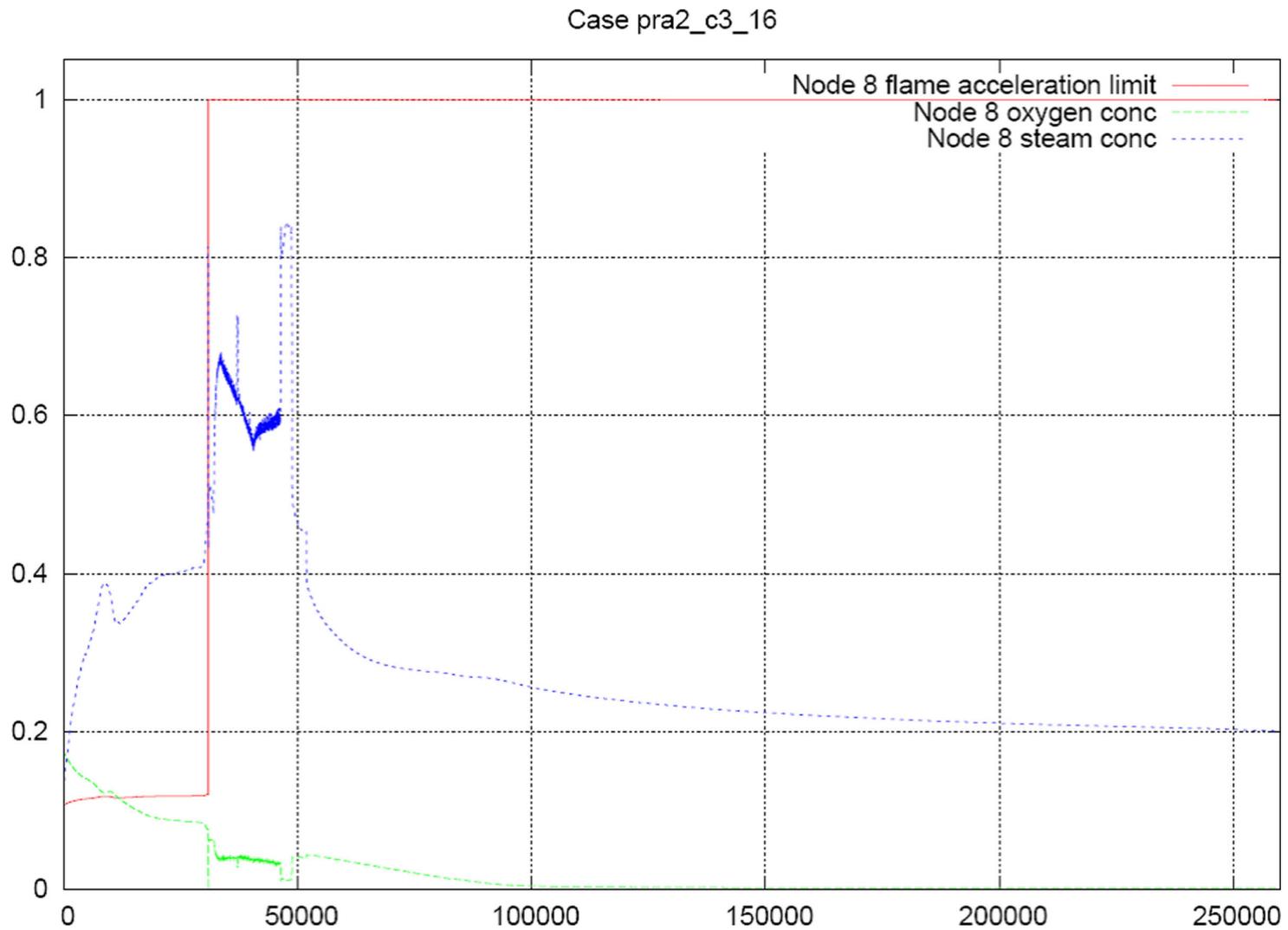


Figure A 142: Oxygen and steam concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c3\_16, containment node 8)

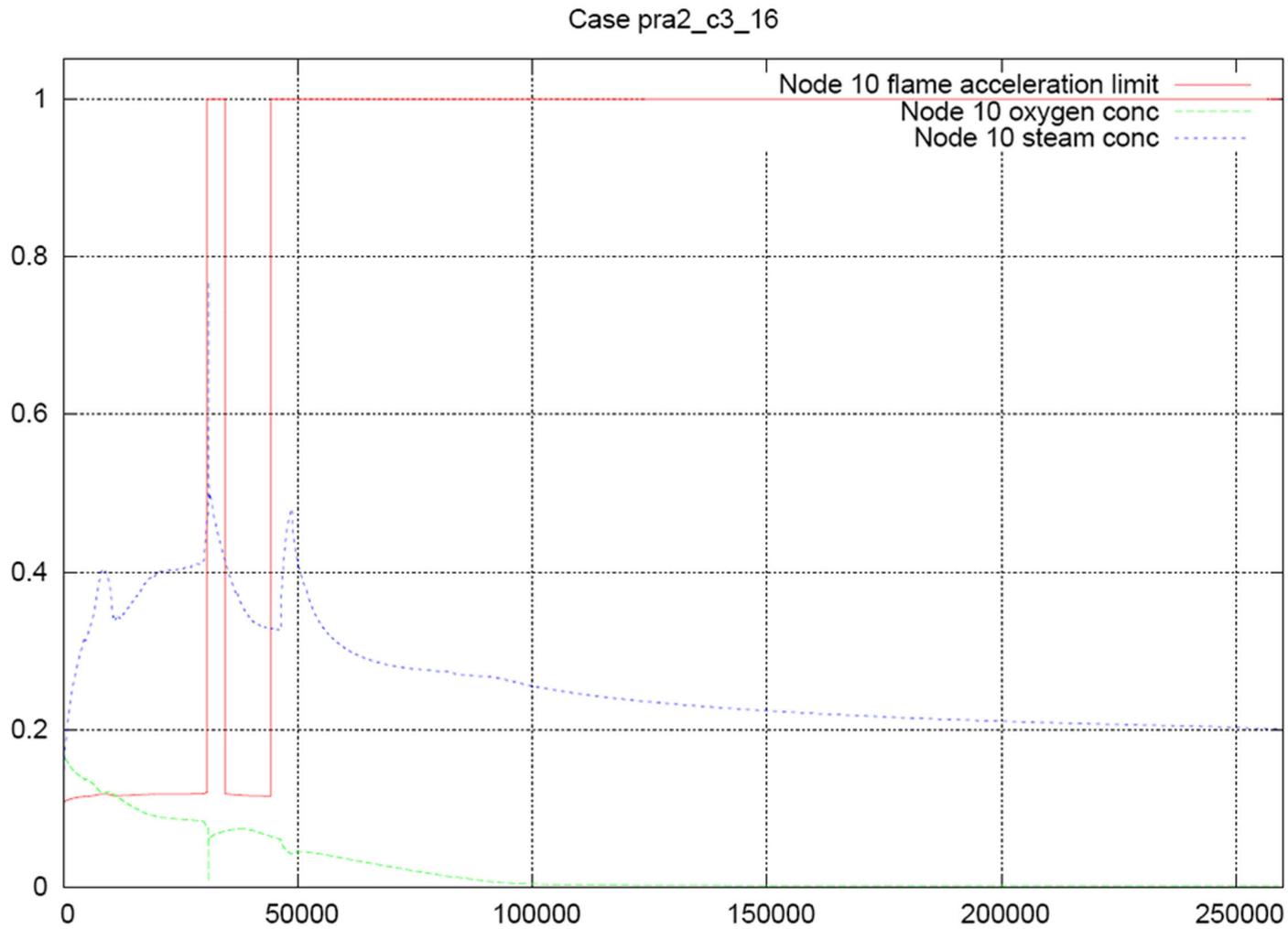


Figure A 143: Oxygen and steam concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c3\_16, containment node 10)

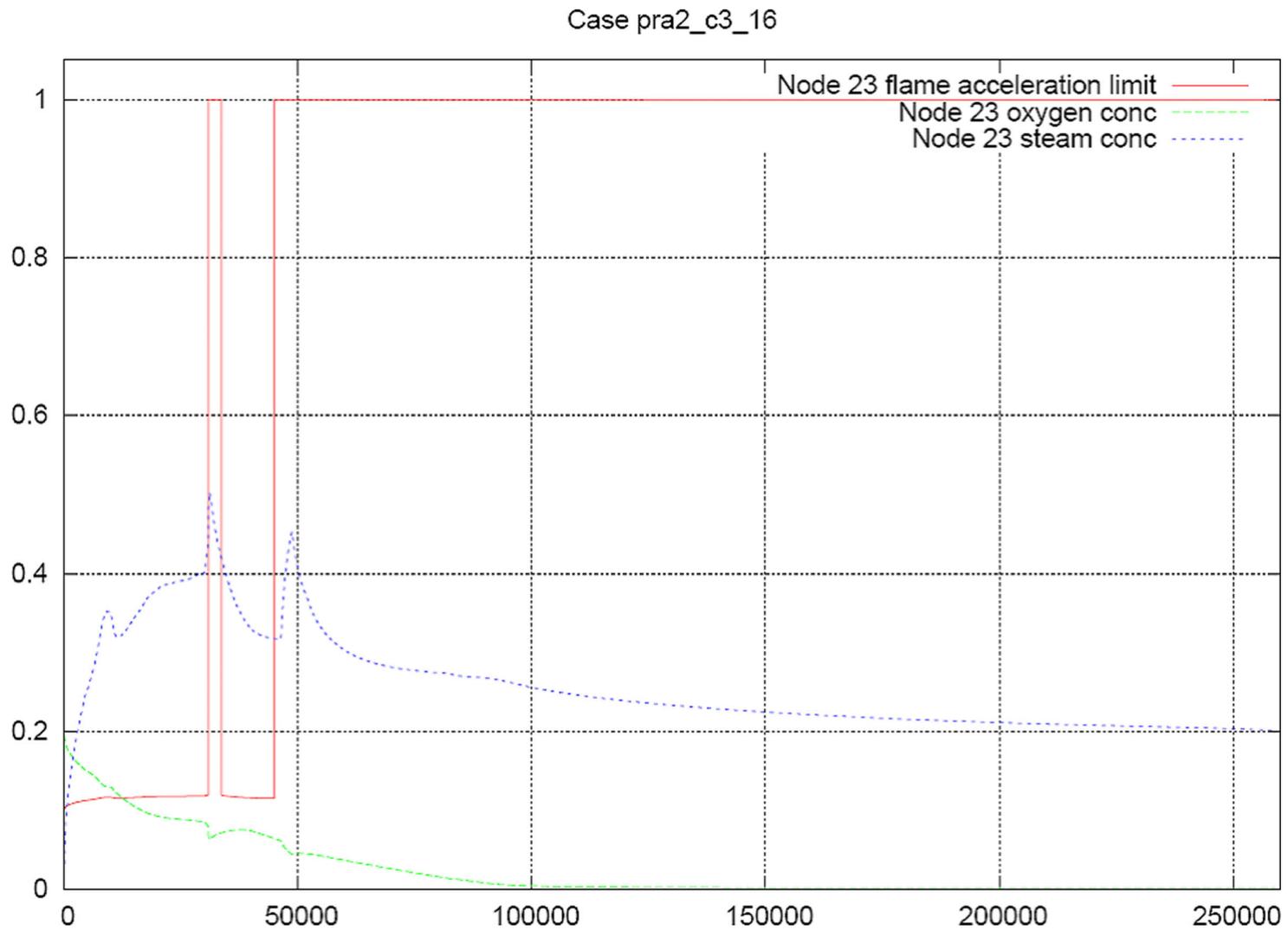
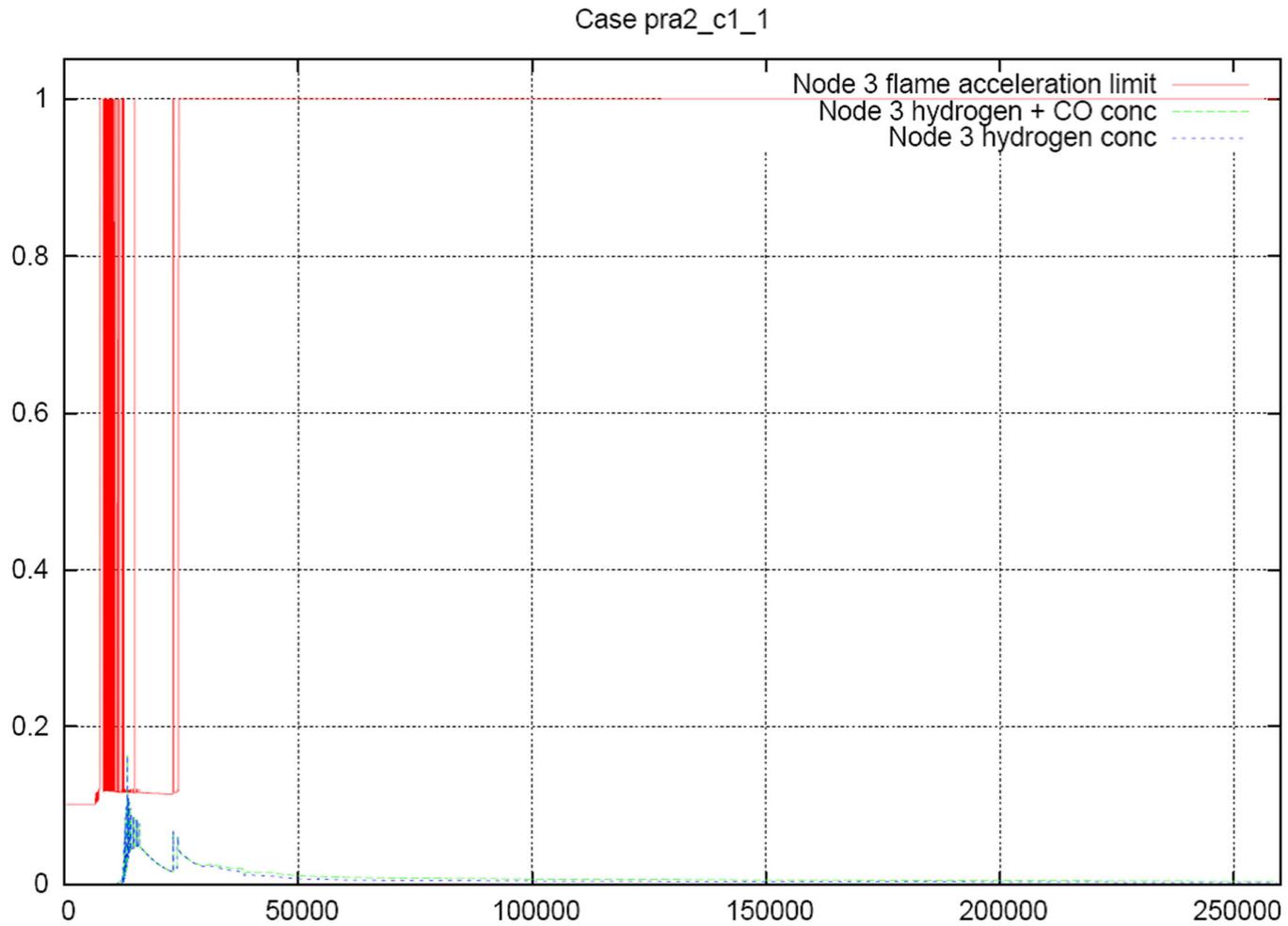
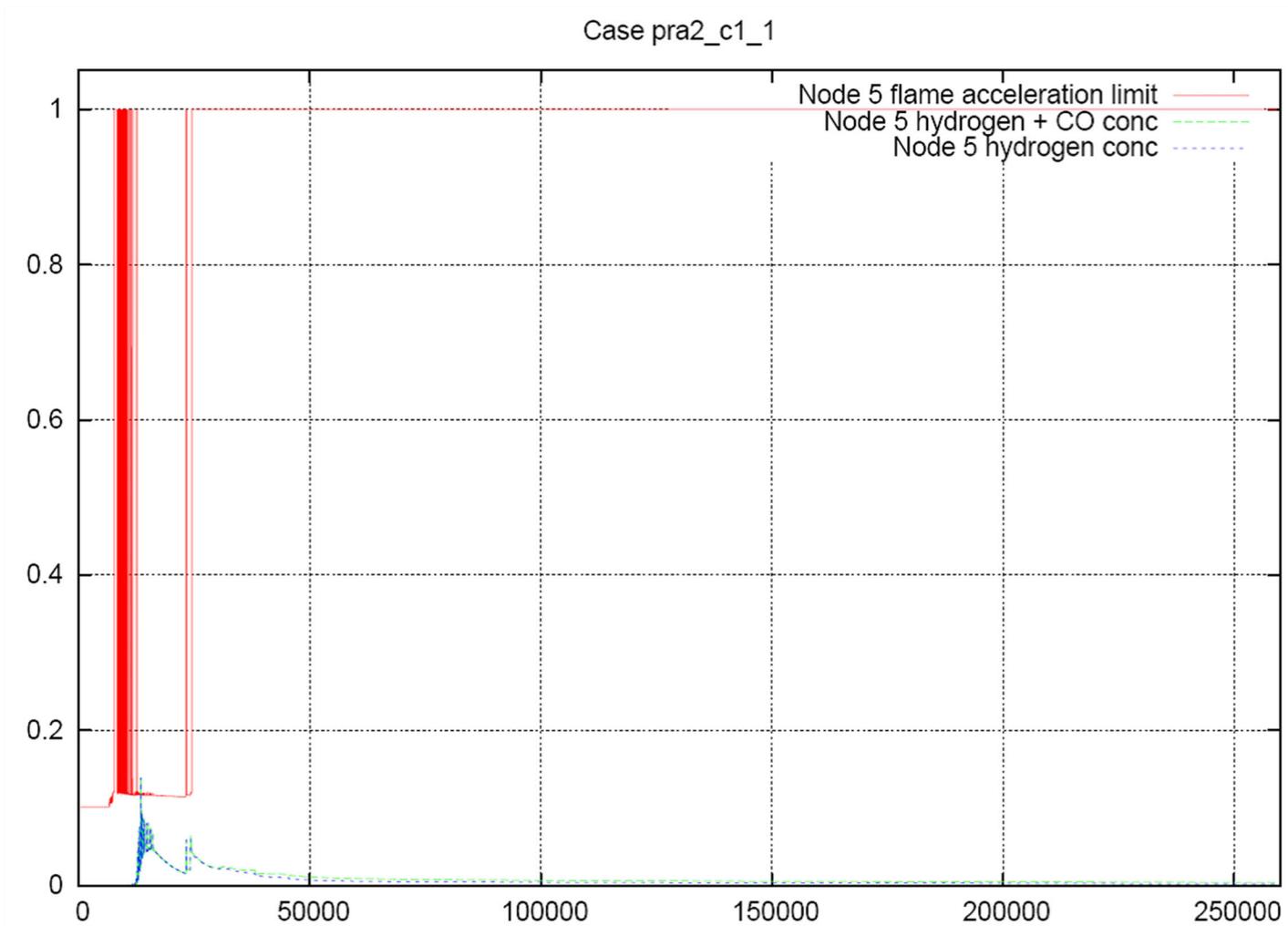


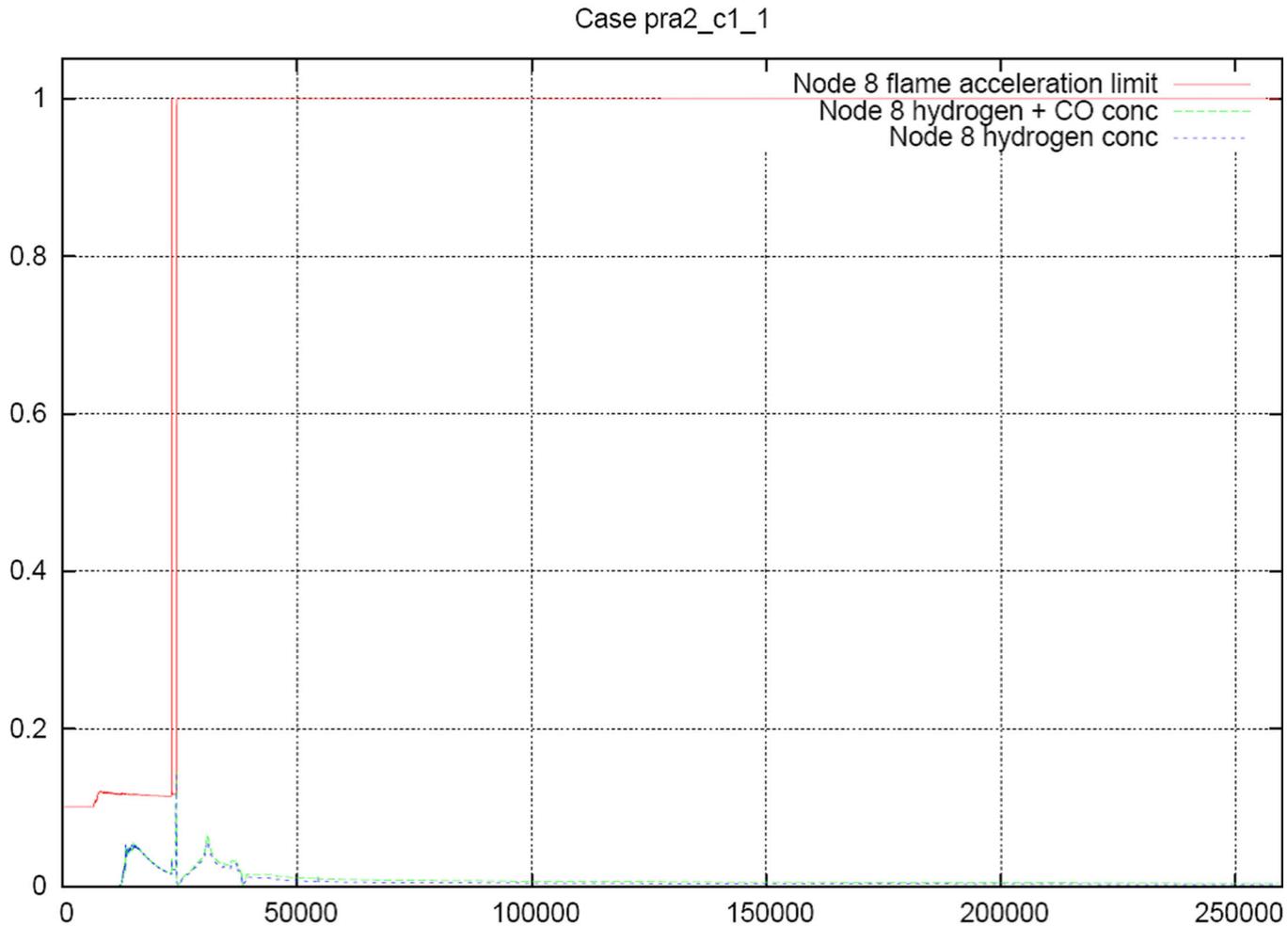
Figure A 144: Oxygen and steam concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c3\_16, containment node 23)



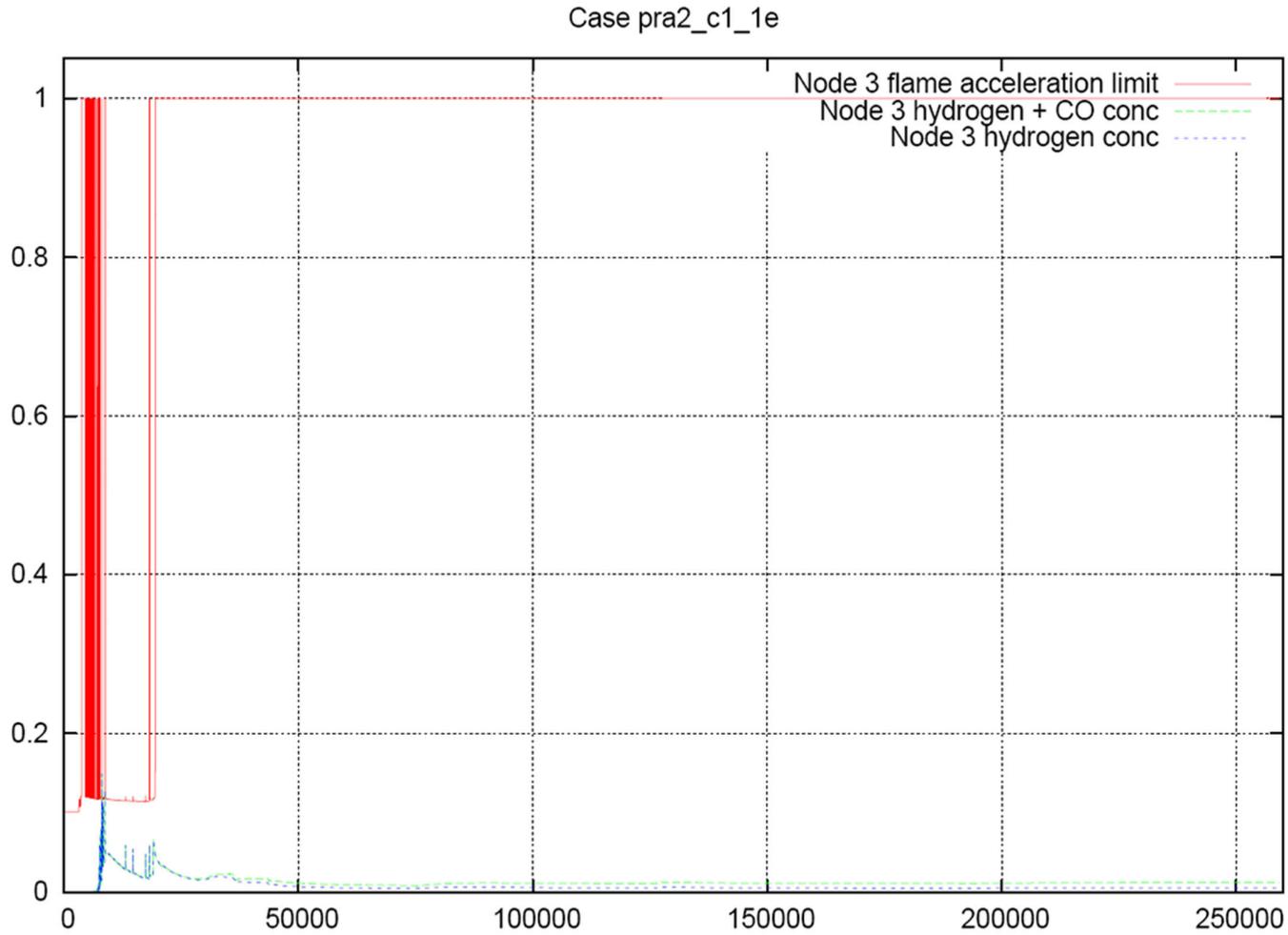
**Figure A 145: Hydrogen and hydrogen + carbon monoxide concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c1\_1, containment node 3)**



**Figure A 146: Hydrogen and hydrogen + carbon monoxide concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c1\_1, containment node 5)**



**Figure A 147: Hydrogen and hydrogen + carbon monoxide concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c1\_1, containment node 8)**



**Figure A 148: Hydrogen and hydrogen + carbon monoxide concentrations (dimensionless) versus time (seconds) cross-plotted with calculated hydrogen concentration limit for flame acceleration (case c1\_1e, containment node 3)**