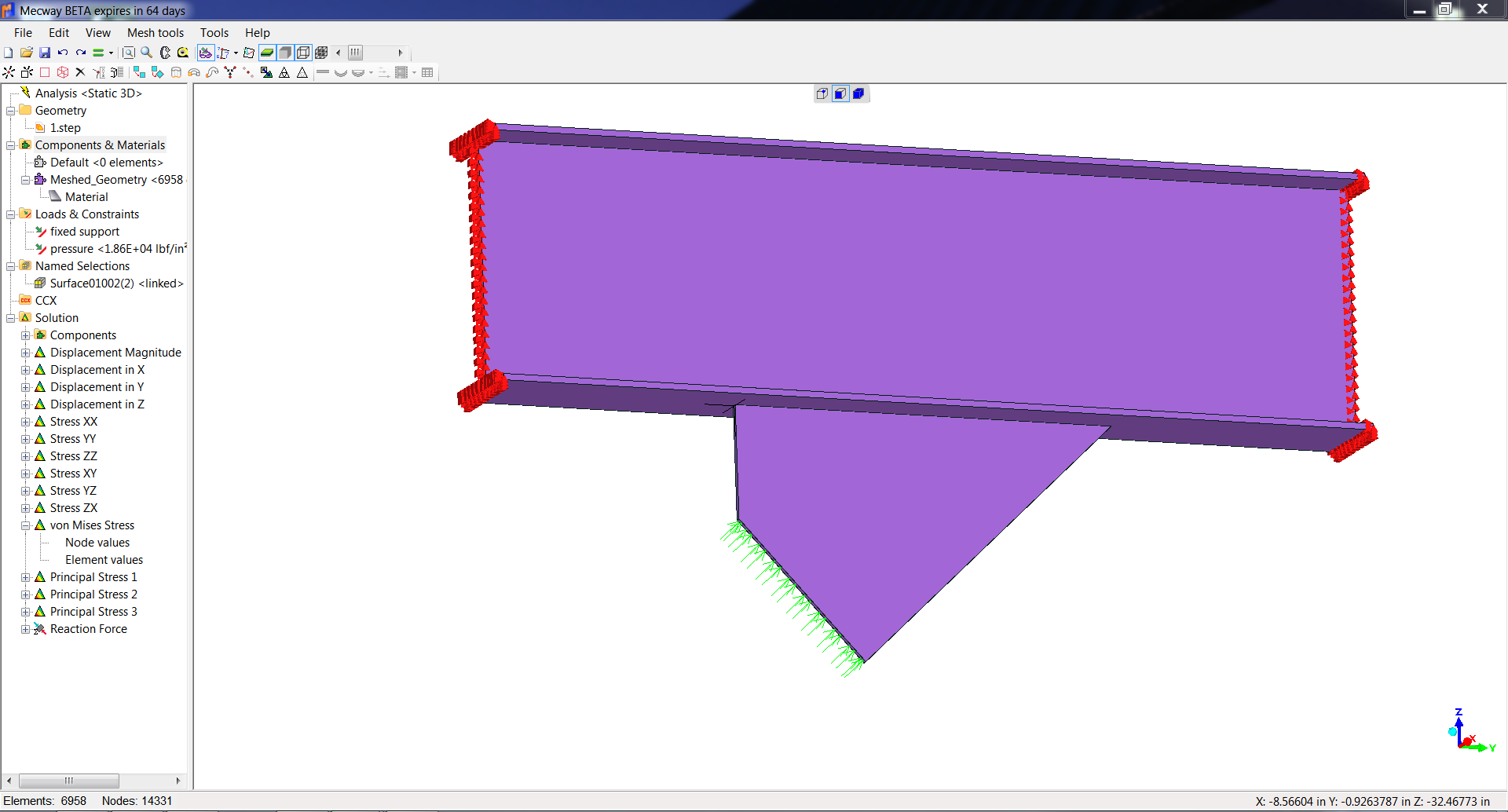
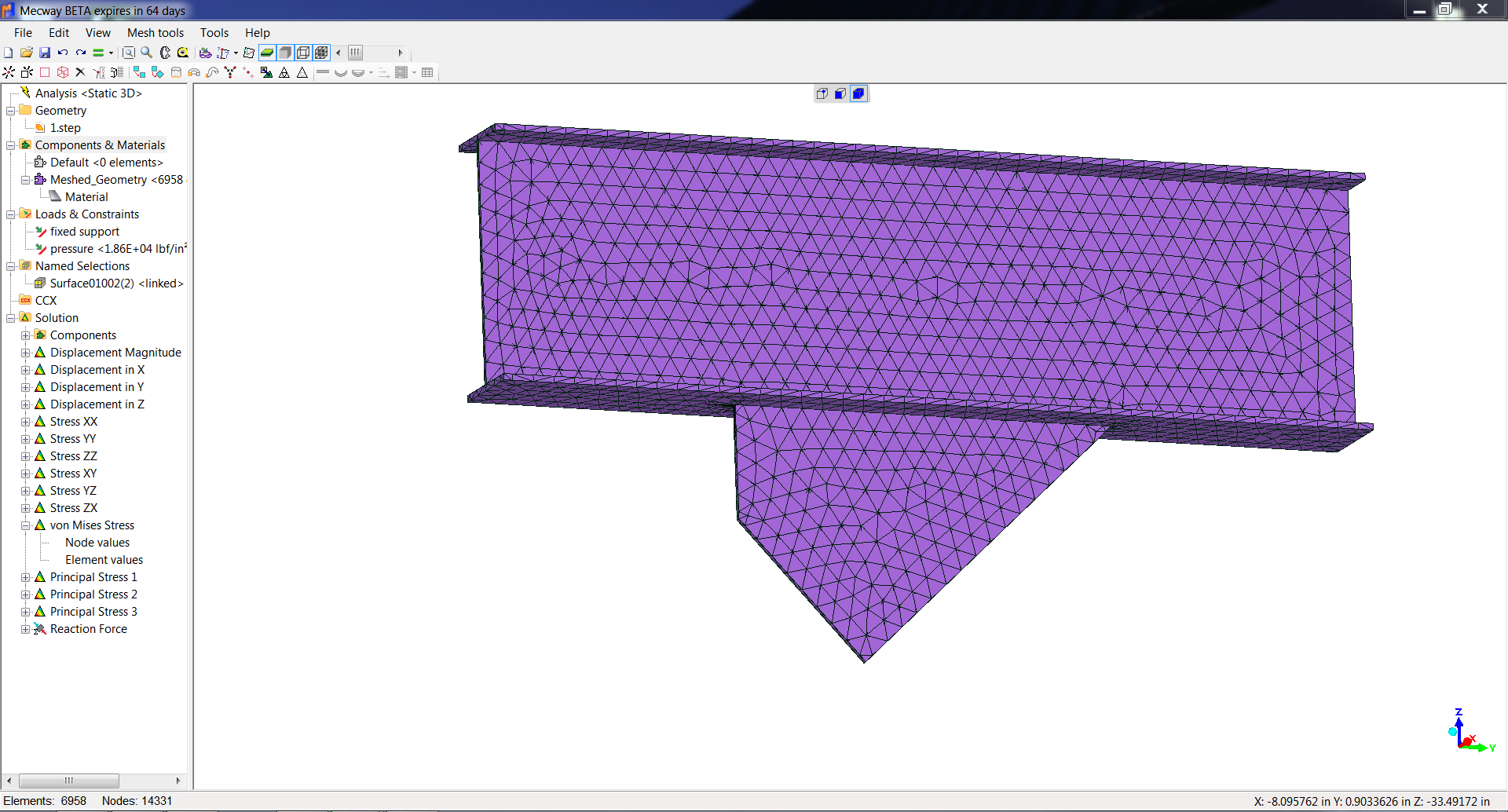
**Mecway v4 solver vs. Calculix v2.8 solver Comparison**

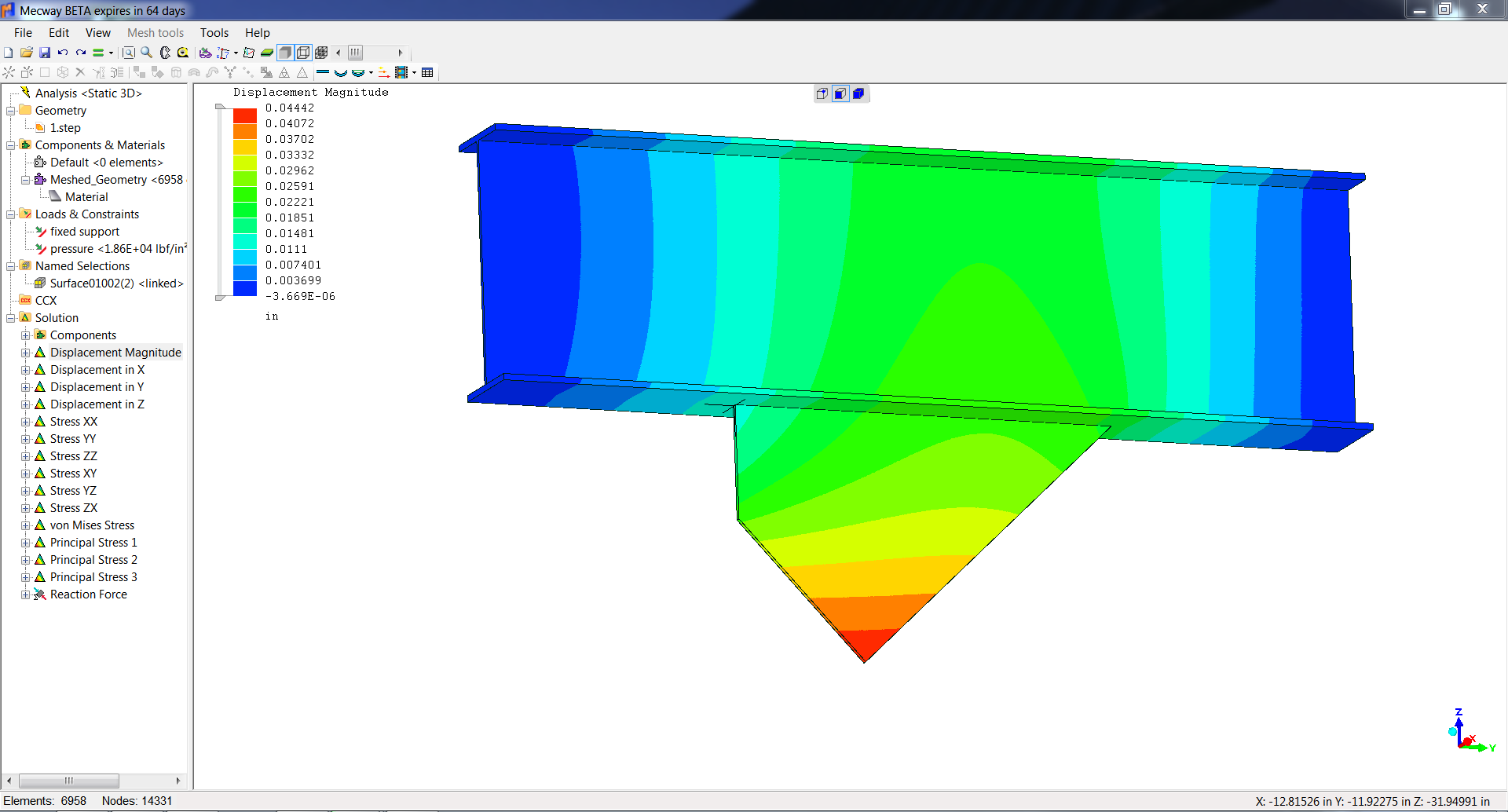


**Geometry and Boundary Conditions**

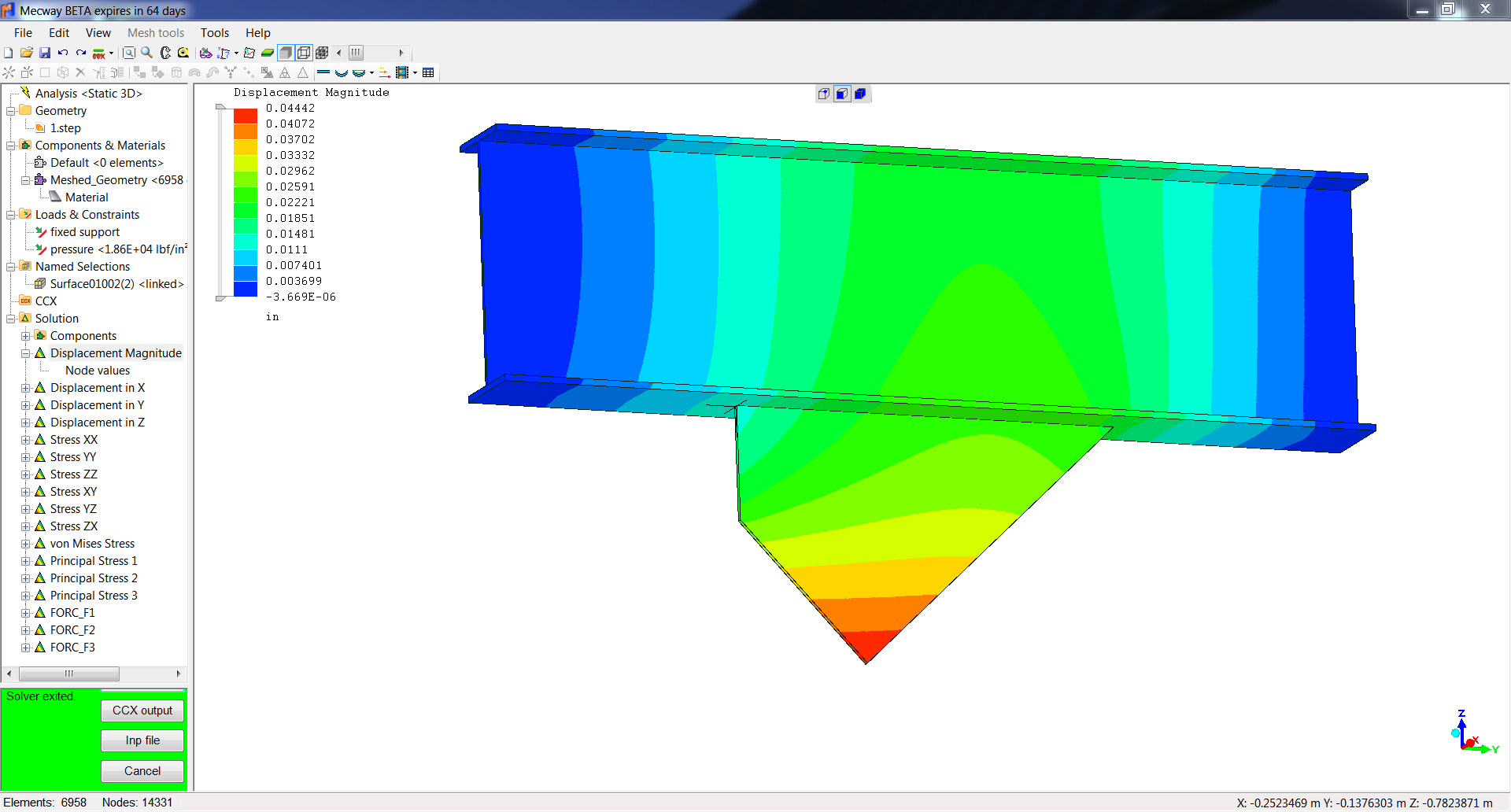


**Mesh Model (Quadratic Tetrahedral Elements)**

**Mecway v4 solver vs. Calculix v2.8 solver Comparison**

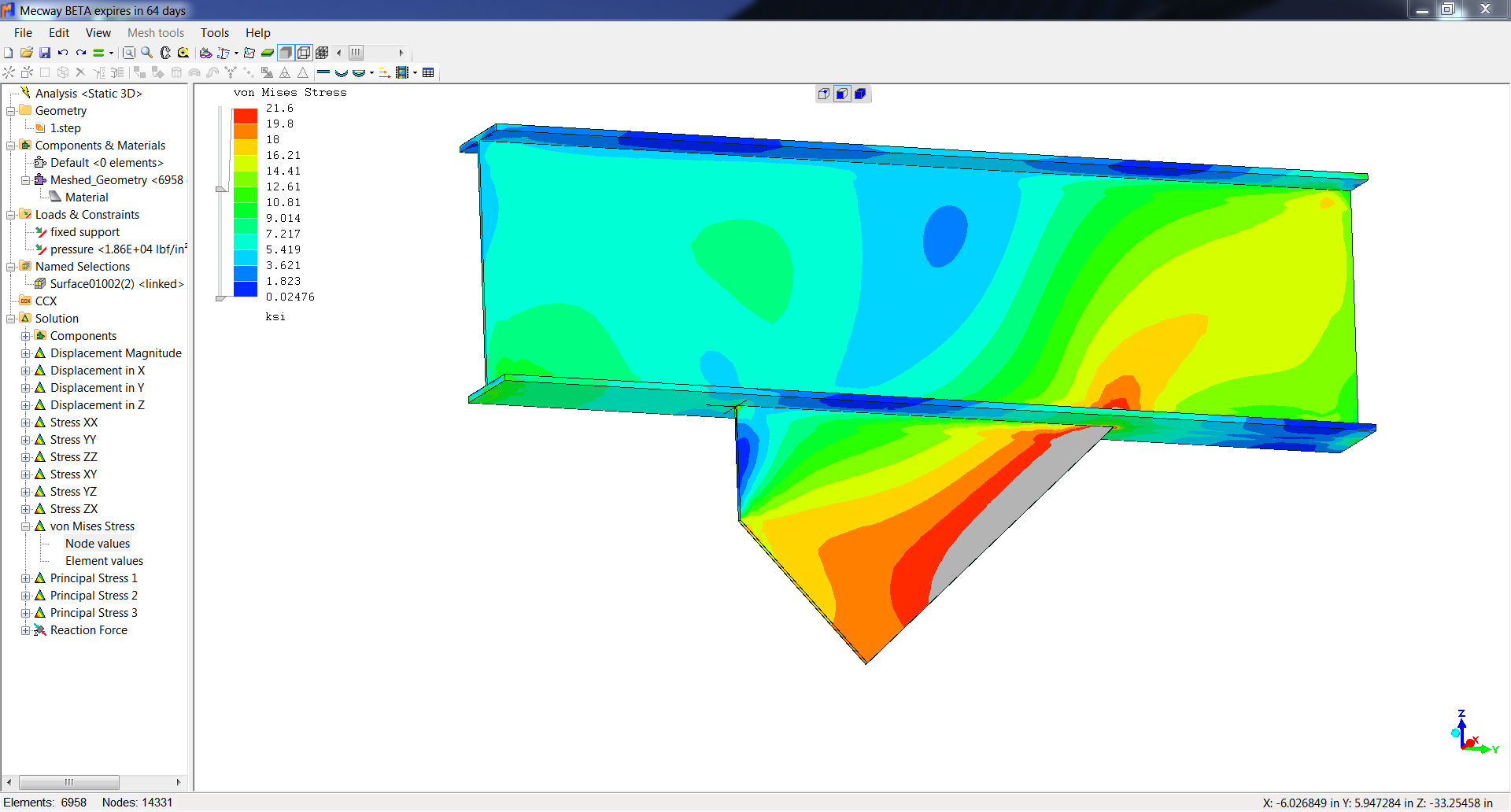
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**Mecway v4 solver – Total Displacement**

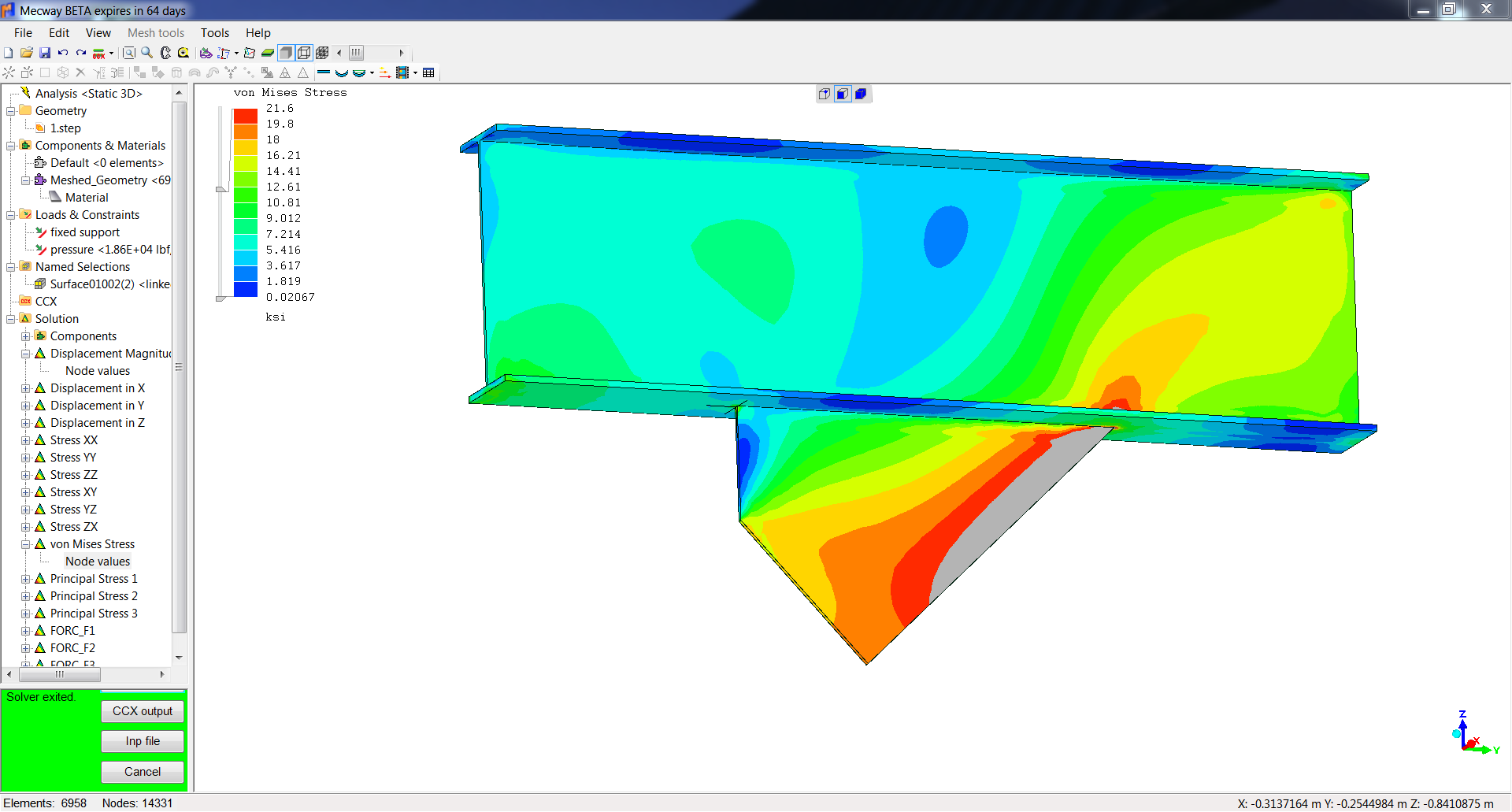


**Calculix v2.8 – Total Displacement**

**Mecway v4 solver vs. Calculix v2.8 solver Comparison**

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**Mecway v4 solver – Von Mises Stress (Upper limit set at 21.6 ksi)**



**Calculix v2.8 solver – Von Mises Stress (Upper limit set at 21.6 ksi**