```mermaid
Lattice Segmentation Data
(CVSX)
        |
        v
Isolate Segment & Pad
   /              \
volume           mesh
  |                |
  v                v
Encode for Web Viewing    Generate Mesh Geometry
(BinaryCIF)               (e.g., Marching Cubes)
  |                          |
  v                          v
Volume Node               Primitive Node
(Isosurface)              (Mesh)
```