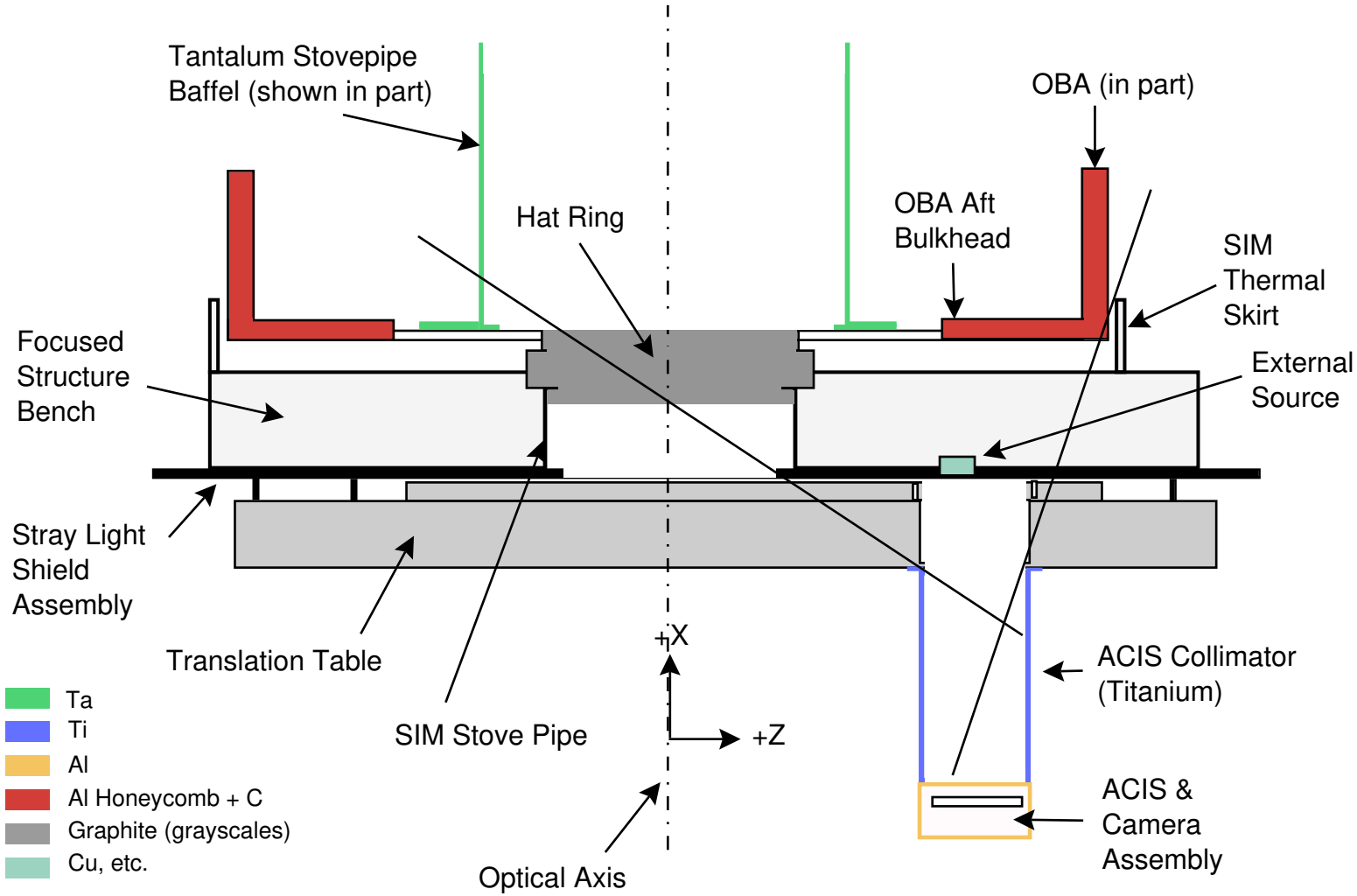

Geometry of Key Structures in ACIS Radiation Shielding Model **(Approximately to Scale)**

Shown in HRC-S observing position with two critical light paths drawn: Through the Focused Structure Baffle and through the 'light gap' between SIM Thermal Skirt and the OBA. The Thermal Skirt is a ring circling the OBA Aft Bulkhead

--Focal Plane (FP) to top of Hat Ring is 28.5 in.

--FP to Stray Light Shield Assembly is19.75 in.

--The Tantalum Stovepipe extends 88.75 in. above FP

--The Titanium Collimator is 12.8 in. in height.