

## A look at past heavy ion target designs

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Max Tabak  
Lawrence Livermore National Laboratory

In this talk I shall describe the distributed radiator target and its several variants—the hybrid design and the close-coupled target. This target was used in the Robust Point Design reactor scenario requiring about 6MJ of 3.5-4GeV Pb ions and yielding about 400 MJ. Several design issues shall be discussed: why a radiation driven target; why a two-sided target; why low density materials were selected; and how these designs evolved from an end-radiator design. In addition, a brief review of early work on heavy ion driven Fast Ignition will be given.

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**Primary author:** TABAK, Max (Lawrence Livermore National Laboratory)

**Presenter:** TABAK, Max (Lawrence Livermore National Laboratory)

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