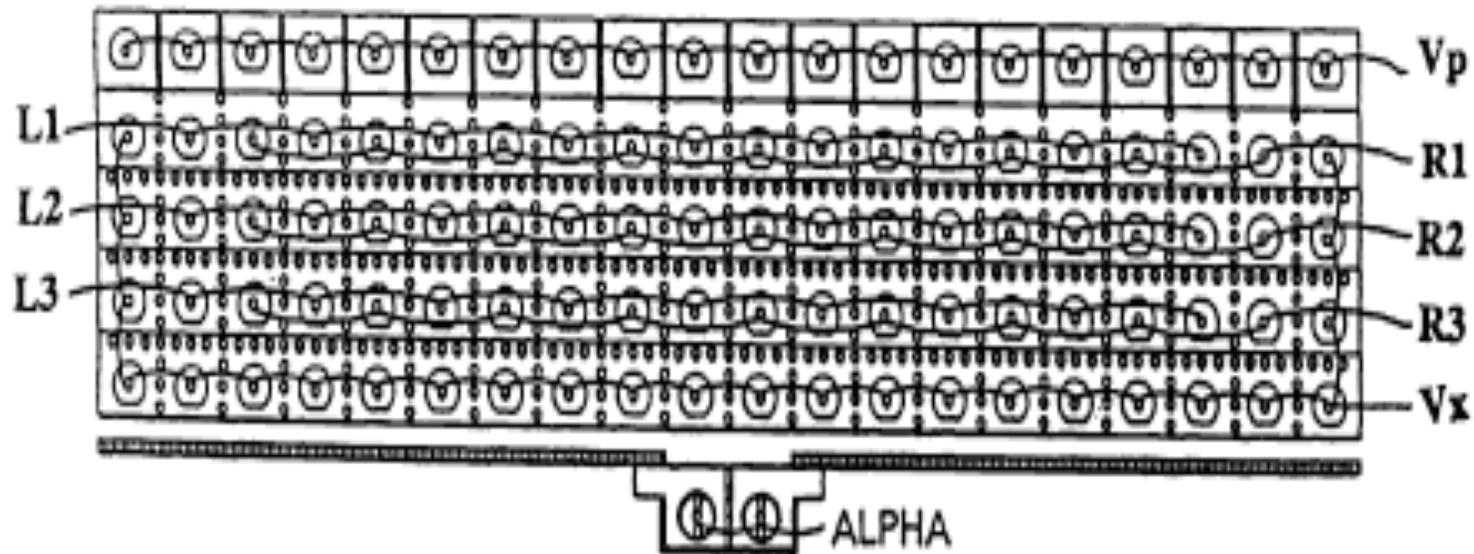
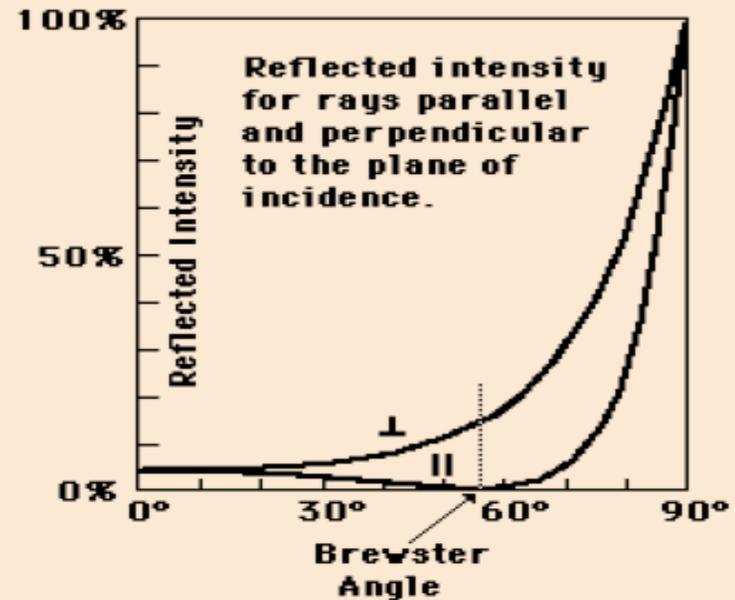
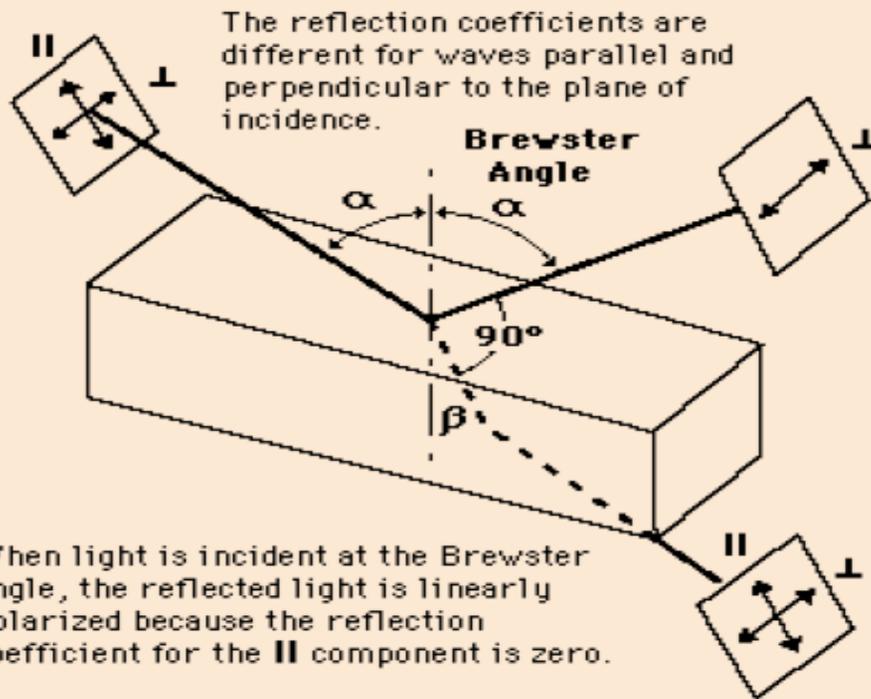


Polarization by a Connection Scheme of PCA's Anodes

COLLIMATOR



Polarization by Reflection



The higher the X-ray energy, the smaller the difference in reflectivity!
The smaller the grazing angle, the smaller the difference in reflectivity!
Effect too small to be useful for grazing incidence X-rays!

Graph Credit: <http://hyperphysics.phy-astr.gsu.edu/Hbase/phyopt/polar.html#c2>

Idea for A Really Big X-ray Collector

Circa 1998

- A crazy lunch conversation about making a gigantic balloon, a one-shell X-ray collector
- A DDF project that leads to a small contract to a company called L'Gard in Irvine, CA.
- A small balloon made of aluminum foil with a reasonably good parabolic shape
- Elihu made a presentation in Oxnard, CA in 1999 to a JPL-organized meeting trying to implement the 'faster, cheaper, and better' policy

X-ray Optics Development for Con-X or IXO

- Elihu maintained a keen interest in Con-X optics development
- He showed why sometimes “ignorance” is a good thing
 - Donald A. Glaser’s invention of bubble chamber
- He showed why involving good engineers in optics development is important

Elihu’s wisdom and insight are sorely missed!