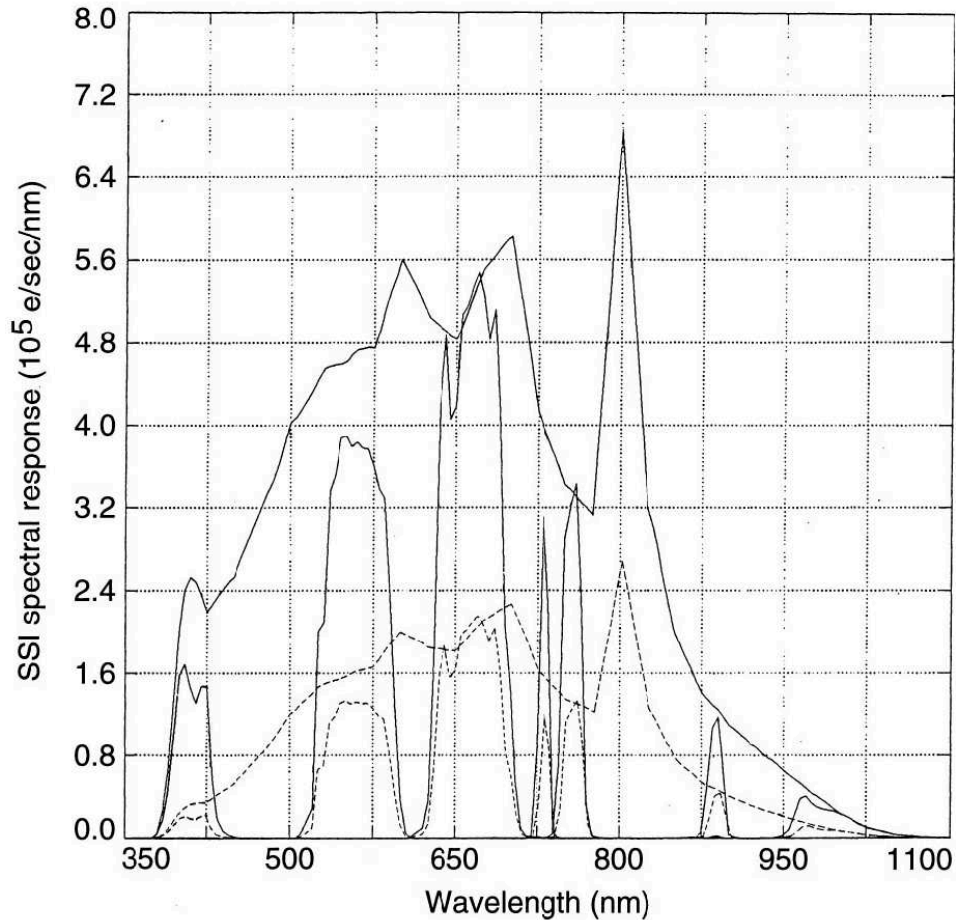


### Galileo SSI filter response functions.

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**Fig. 6** SSI modeled spectral response to a uniform gray source of reflectance 1.0 illuminated by a spectrally uniform source of radiance  $1.0 \text{ W/m}^2 \text{ nm}$  for best-fit calibrations with the optics cover on (dashed line) and off (solid line). The enhanced response in the broadband clear filter seen at 800 nm is due to constructive interference occurring within the CCD silicon structures, resulting in increased photon detection quantum efficiency.