

ANALISIS DE EYECCION DE MATERIA DEL COMETA TEMPEL1

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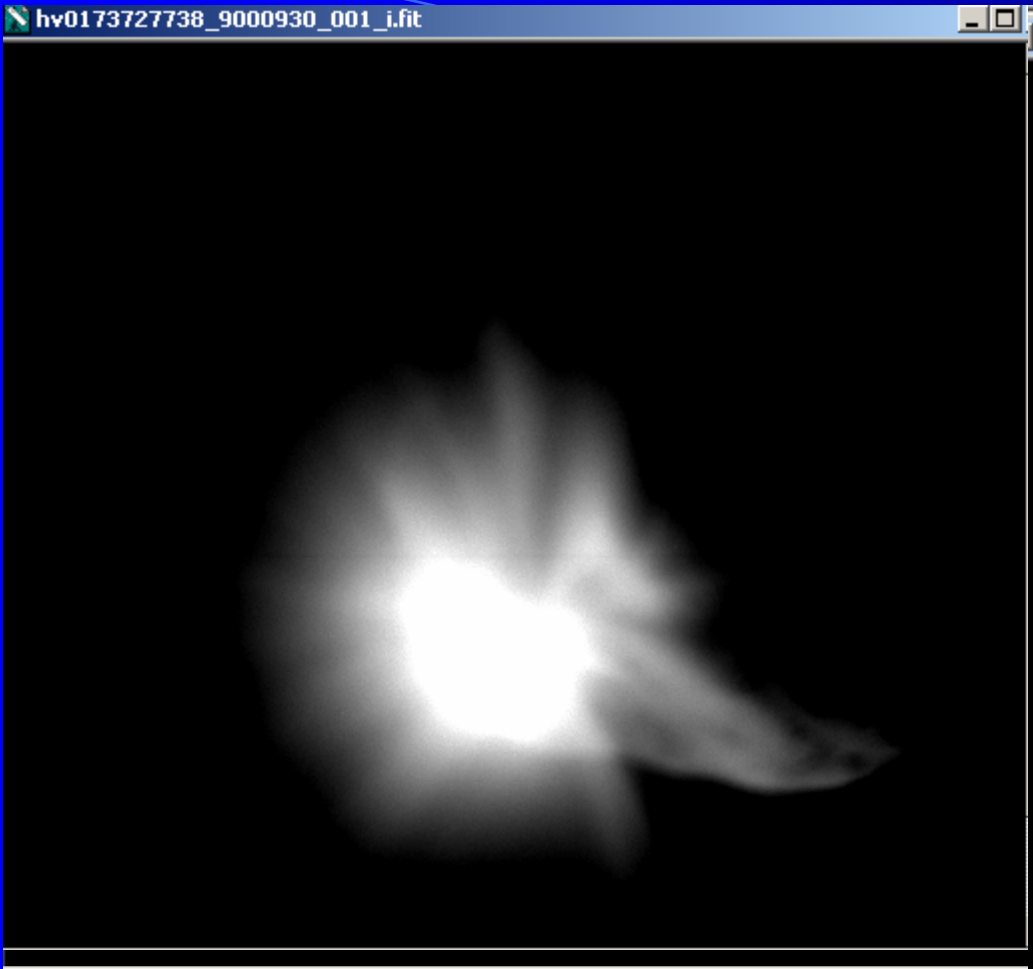
OBJETIVOS

- Estimar la velocidad de eyección del material del Tempel 1 tras el Deep impact
- Estudiar las propiedades del material eyectado.

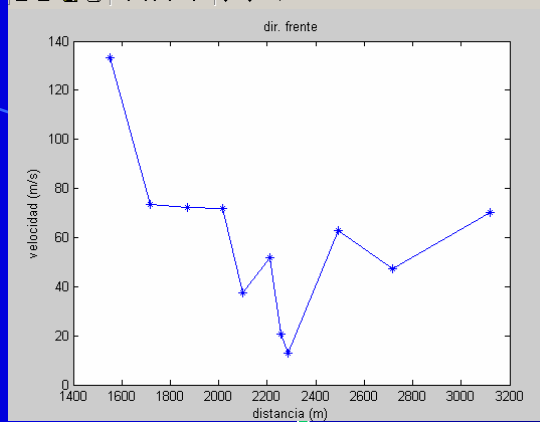
PROCEDIMIENTOS

- Obtención de IMÁGENES:
[//pdssbn.astro.edu/missions/deepimpact/index.html](http://pdssbn.astro.edu/missions/deepimpact/index.html)
- Obtención de datos:
Iraf, Ds9.
- Procesamiento
Matlab, Iraf.

Análisis

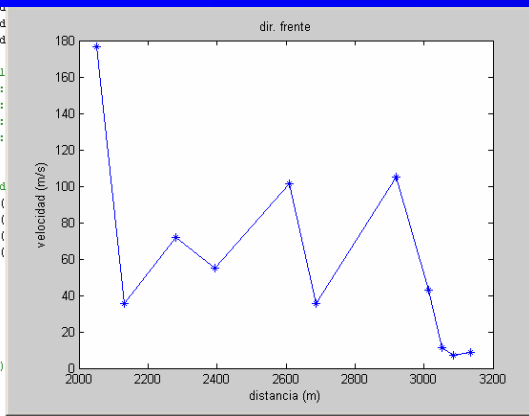


Secuencia tomada entre 11.62 s y 40.47s
después del impacto.



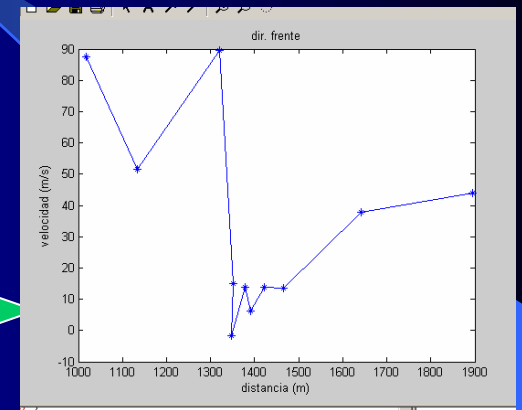
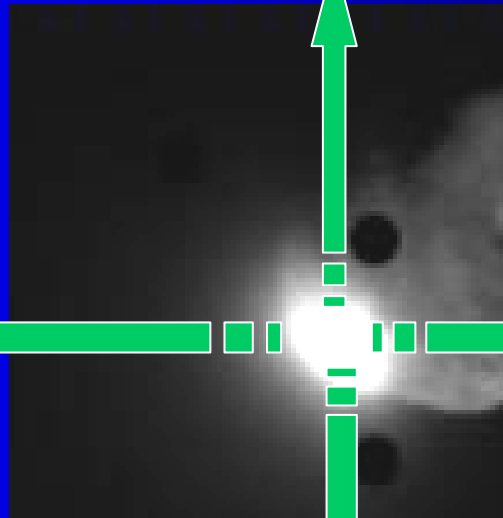
Vmax: 133.4 m/s

Vmed: 59.5 m/s



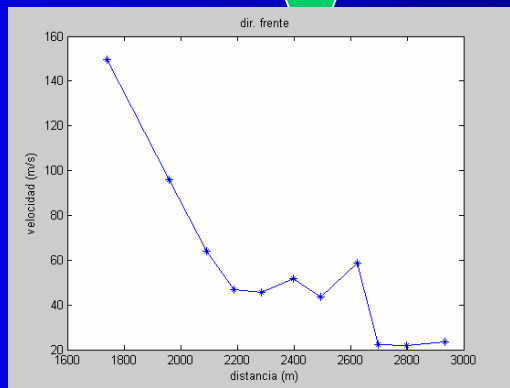
Vmax: 176.4 m/s

Vmed: 59.2 m/s



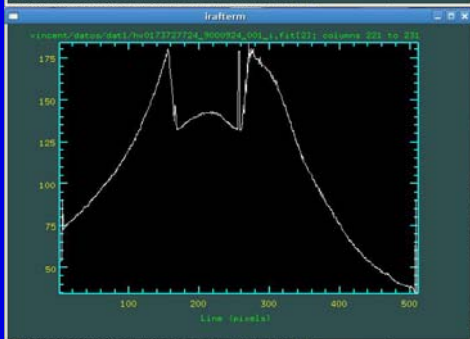
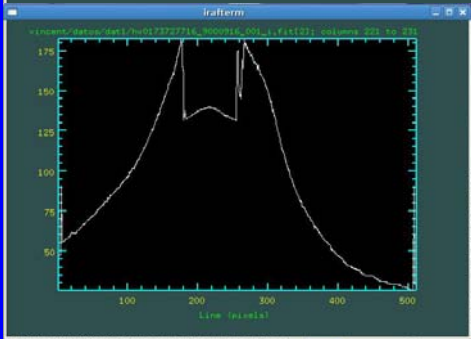
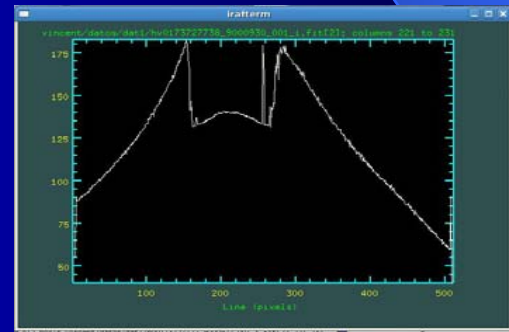
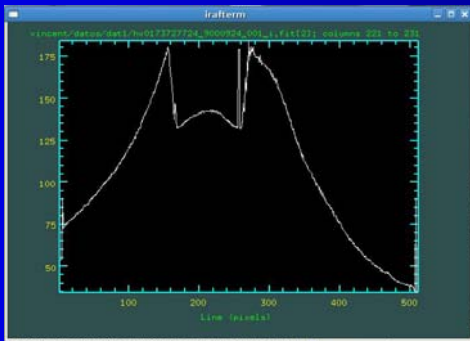
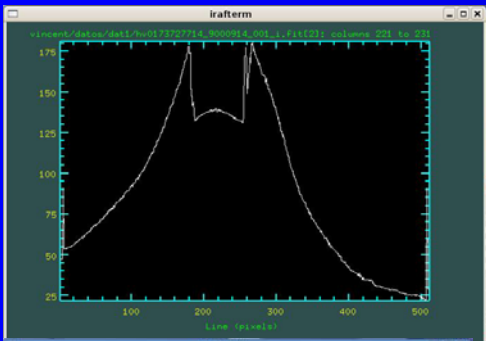
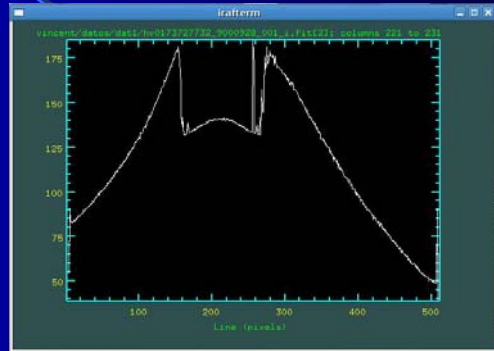
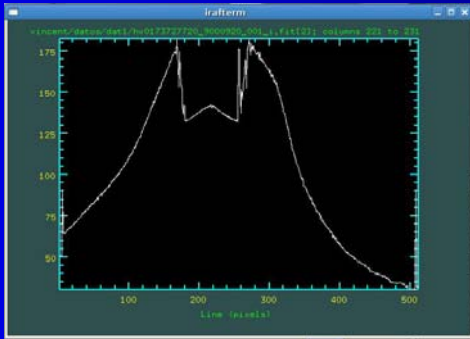
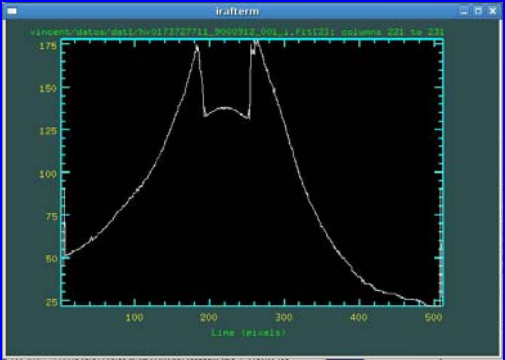
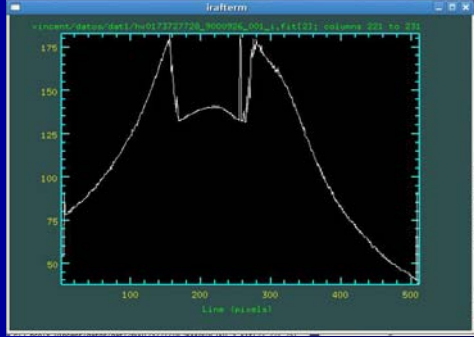
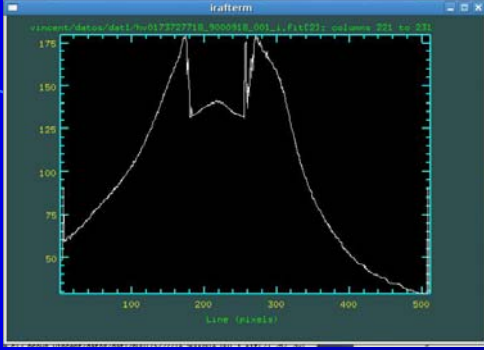
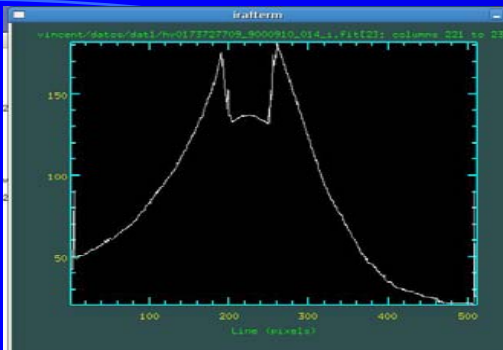
Vmax: 89.6 m/s

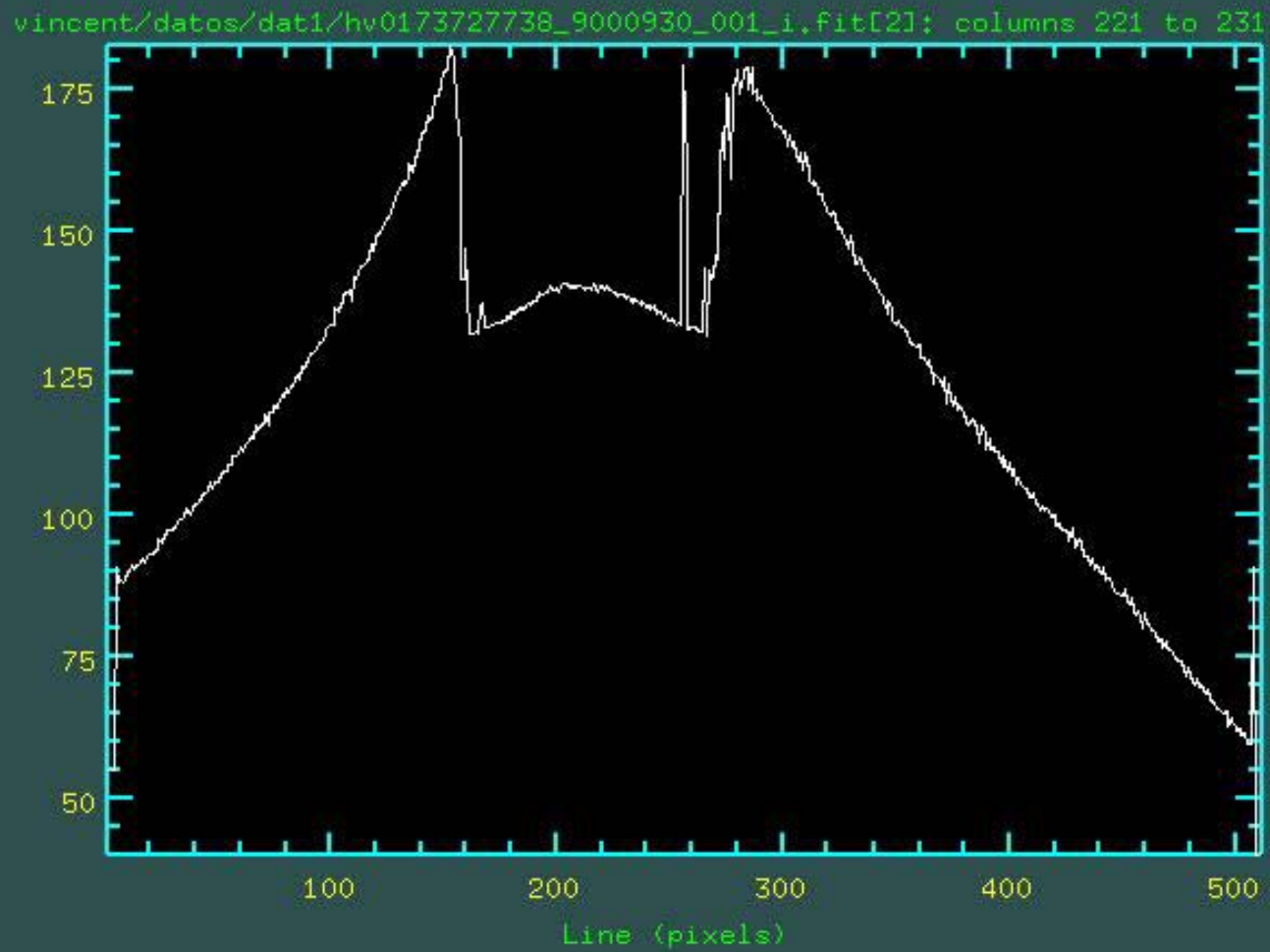
Vmed: 33.7 m/s

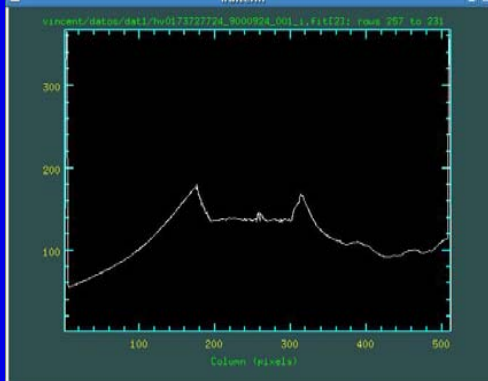
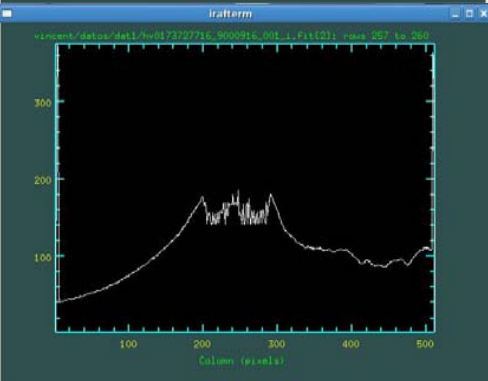
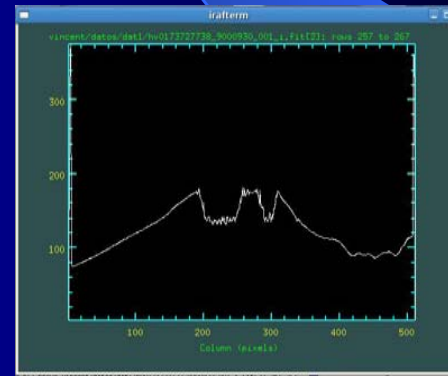
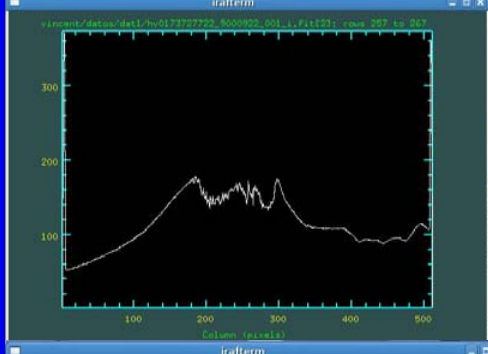
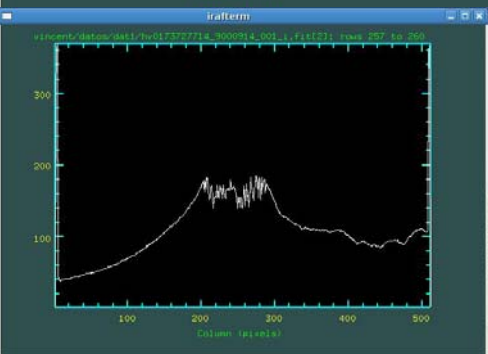
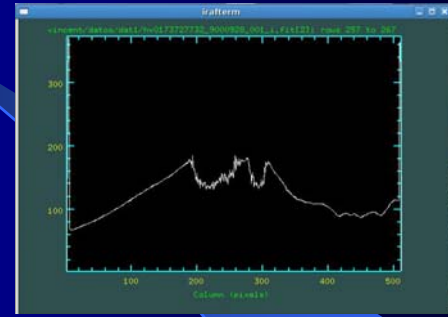
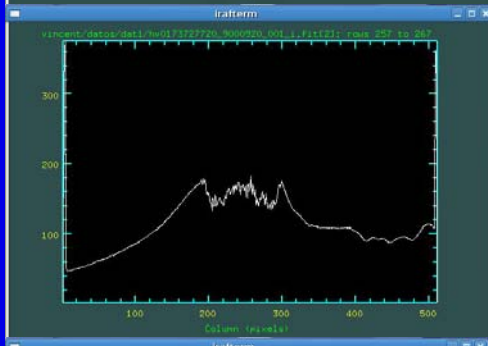
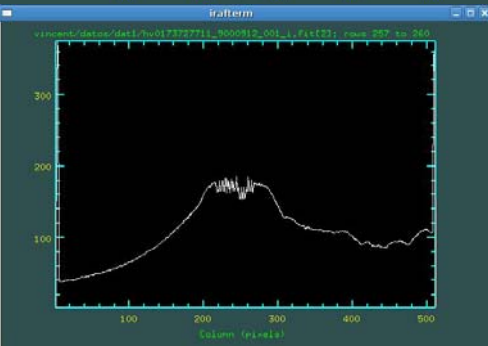
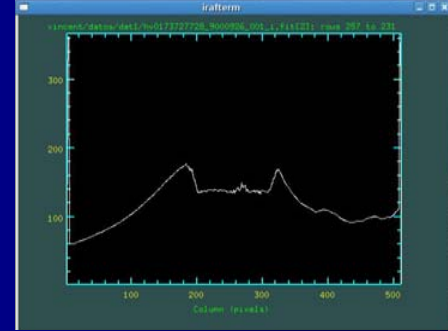
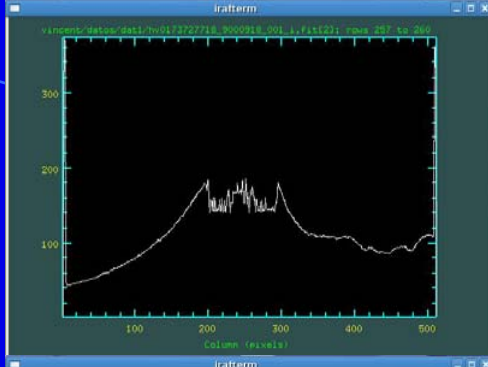
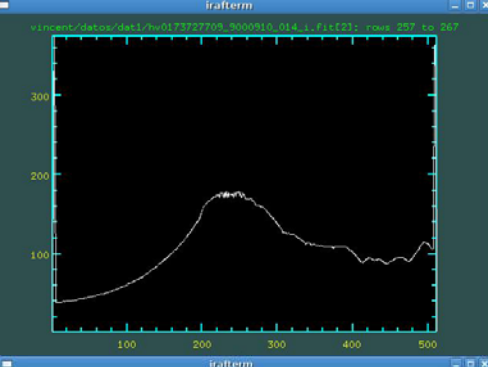


Vmax: 149.7 m/s

Vmed: 56.7 m/s

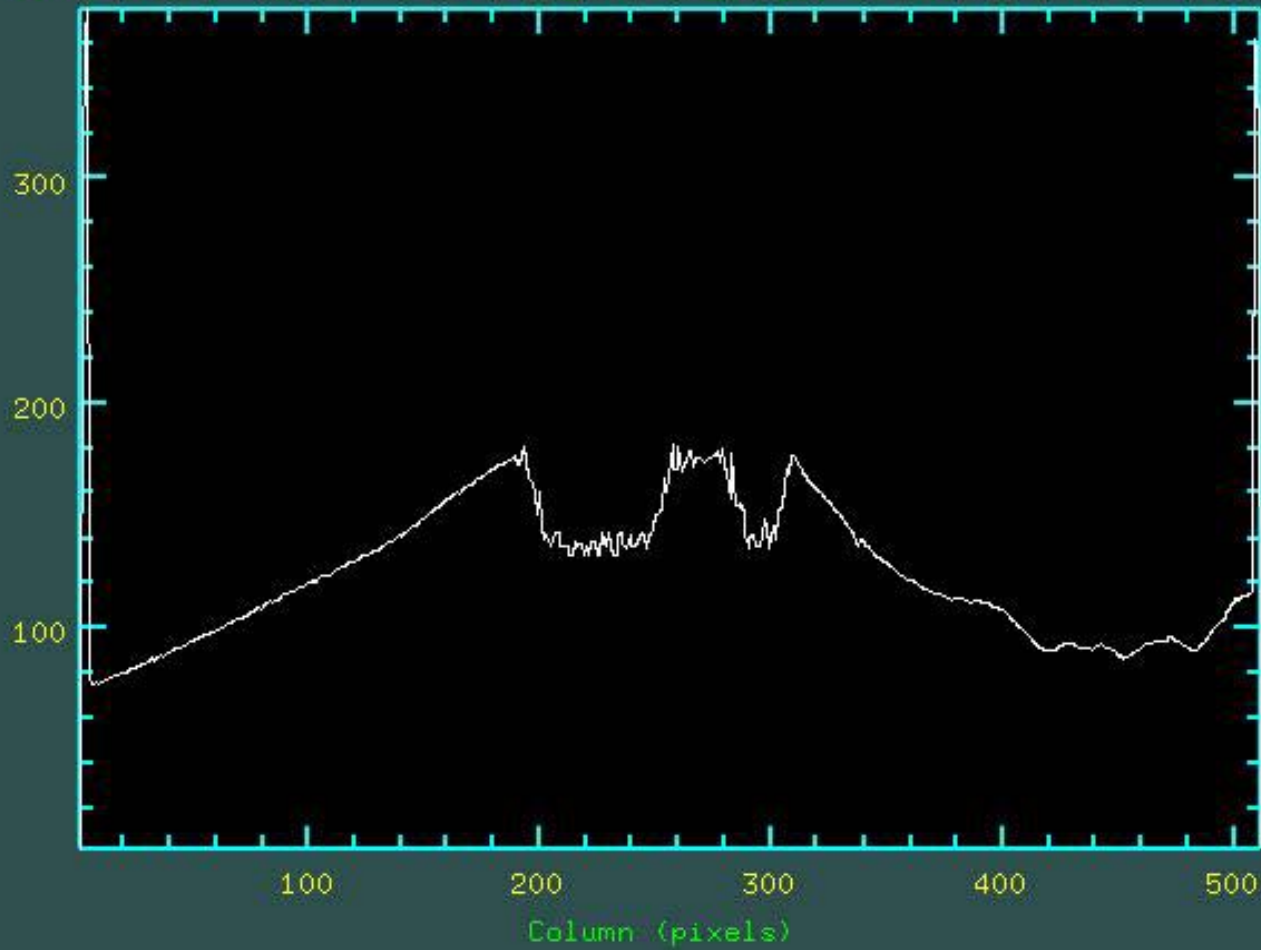






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vincent/datos/dat1/hv0173727738_9000930_001_i.fit[2]: rows 257 to 267



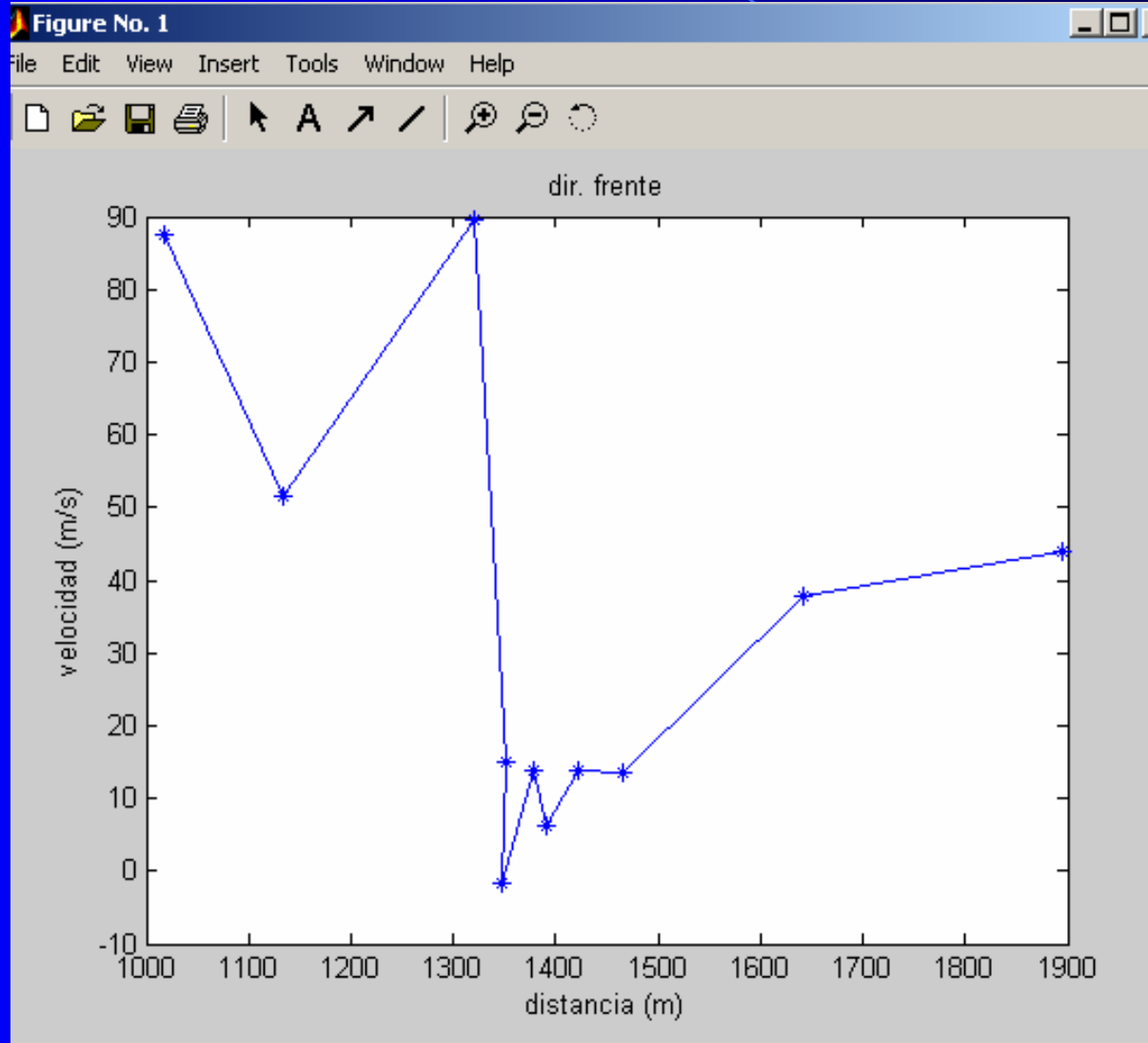
PROYECCION

- Incrementar las direcciones de observación.
- Incrementar el numero de imágenes en los intervalos de tiempo.
- Estudiar la influencia del movimiento del cometa en la asimetría de la eyección.
- Obtener información de las características físicas del material del núcleo.
- Calculo del albedo del material eyectado
- Calcular la profundidad óptica.

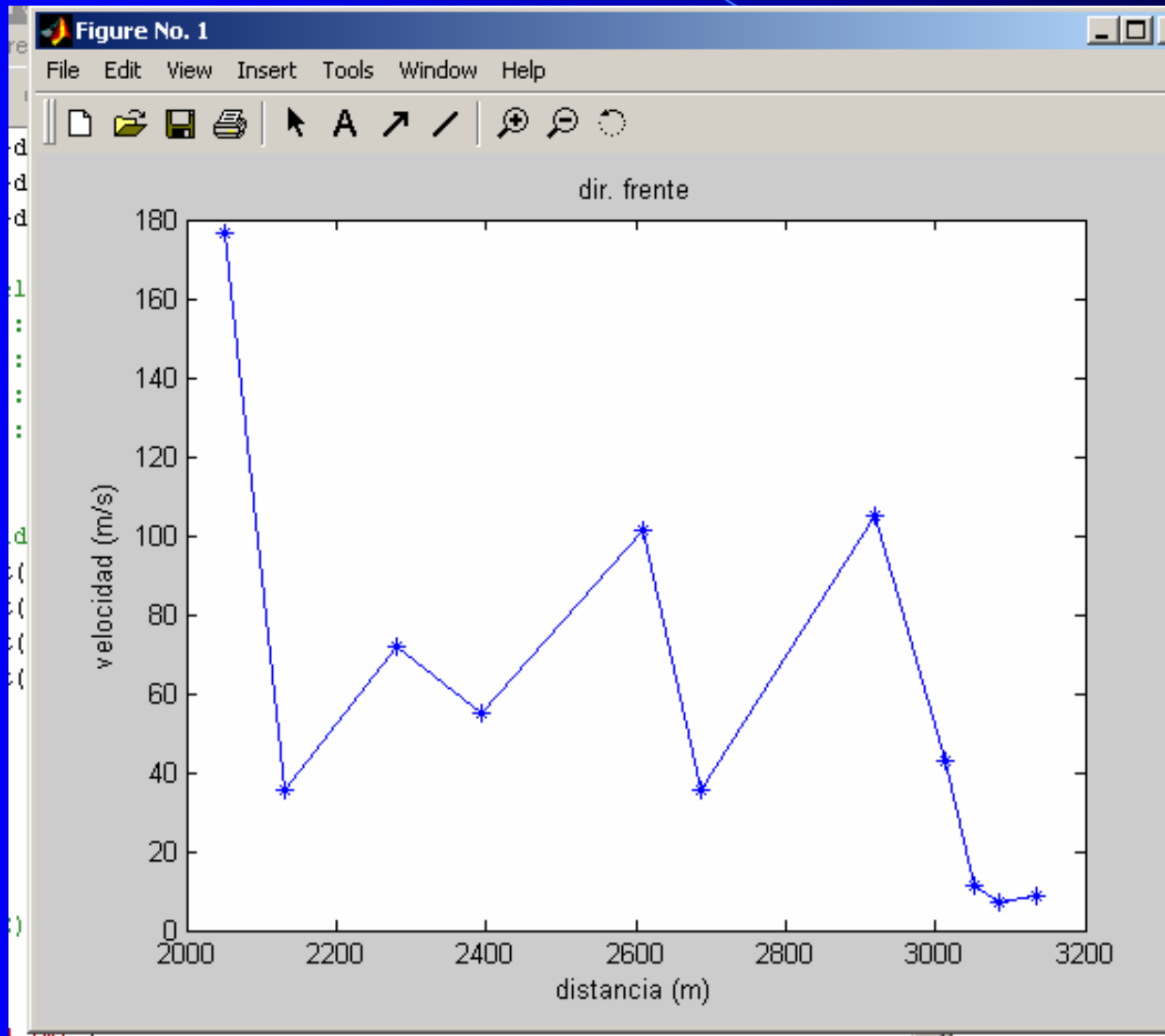


***MUCHAS
GRACIAS***

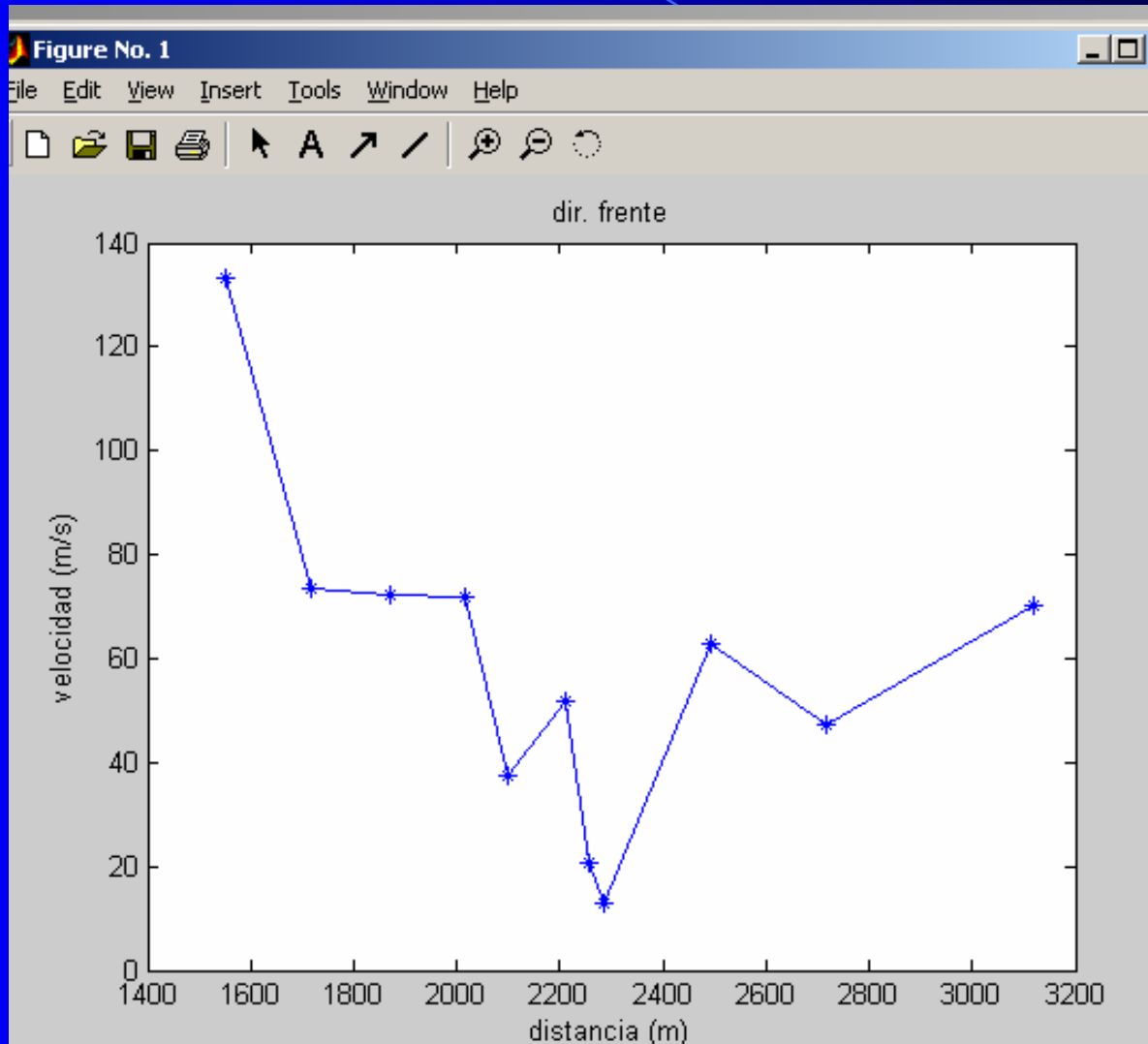
DIR2



DIR1



DIR3



DIR4

