Appendix B

WYFFOS filters

B.1 Available Filters

Due to the unusual physical dimensions of the WYFFOS slit, filters used in the spectrograph are expensive and difficult to obtain. Currently (02/1999), four broad-band order sorting filters are available for use in reflection mode (top graph of accompanying figure), and a further five are available for order isolation in echelle mode. The echelle filters have interference coatings and have been selected to isolate important astrophysical diagnostics (e.g. Hα).

Focus offsets

The corrections to the slitfocus for the filter thicknesses are:-

Table B.1: filter table

Filter identification	Thickness (mm)	Focus Offset (μm)
BG39	3.00	+1000
GG495	3.00	+1000
OG530	3.00	+1000
RG630	3.00	+1000
Echelle Filters		
8830Å(order 3)	6.00	+2000
6625Å(order 4)	6.10	+2003
5300Å(order 5)	4.12	+1373
4415Å(order 6)	6.10	+2003
3785Å(order 7)	5.90	+1997

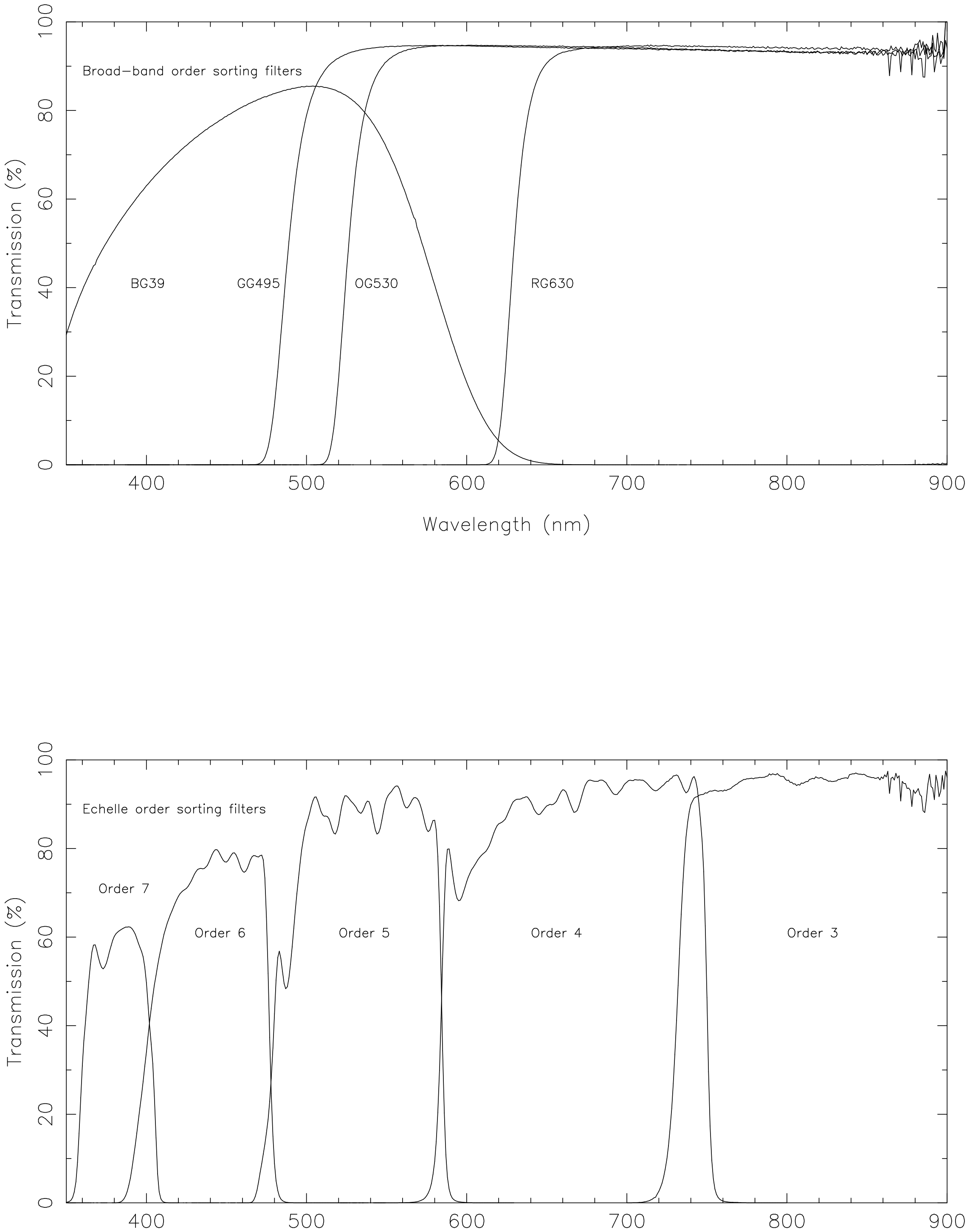

Figure B.1: filter scans