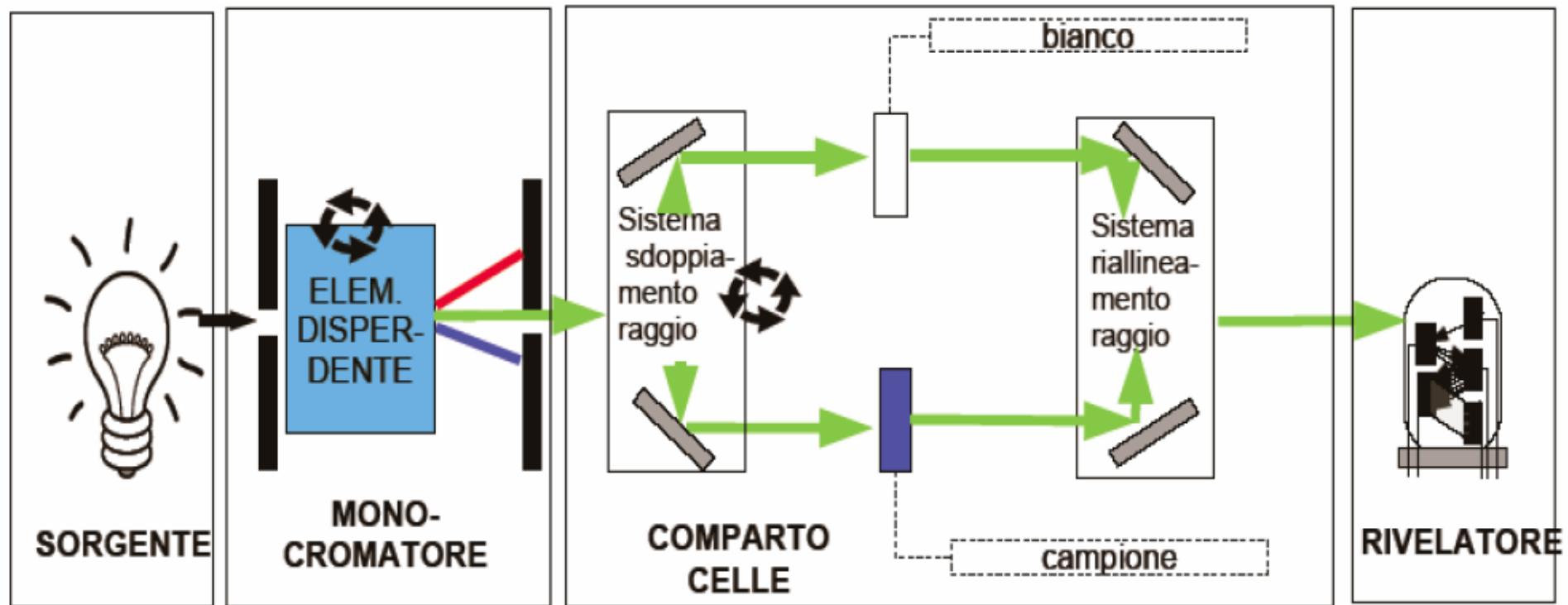


Trasmittante filtri fotometrici ANS stato del progetto



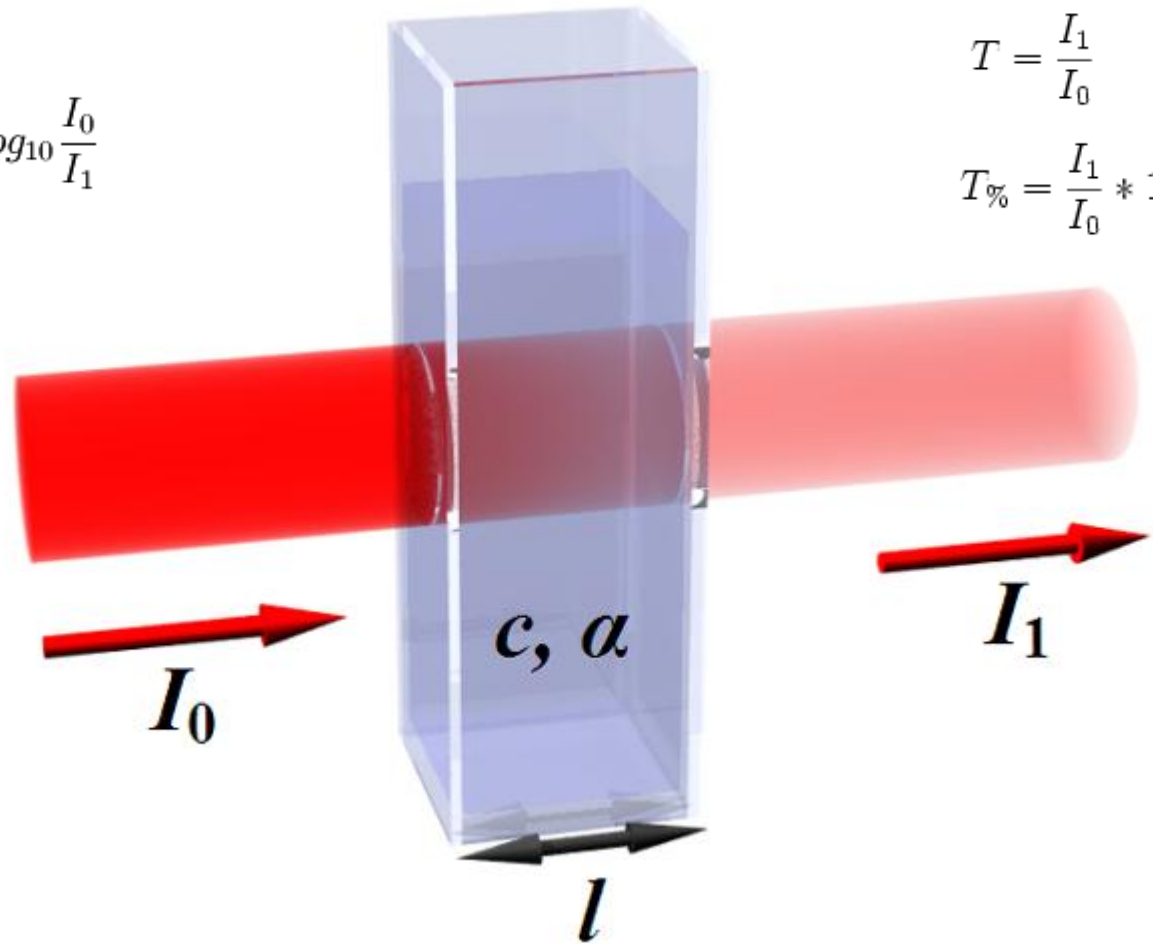
Come si misura la trasmittanza ?



Cos'è la Trasmittanza ?

$$A = \log_{10} \frac{1}{T} = \log_{10} \frac{I_0}{I_1}$$

$$T = \frac{I_1}{I_0}$$
$$T_{\%} = \frac{I_1}{I_0} * 100$$



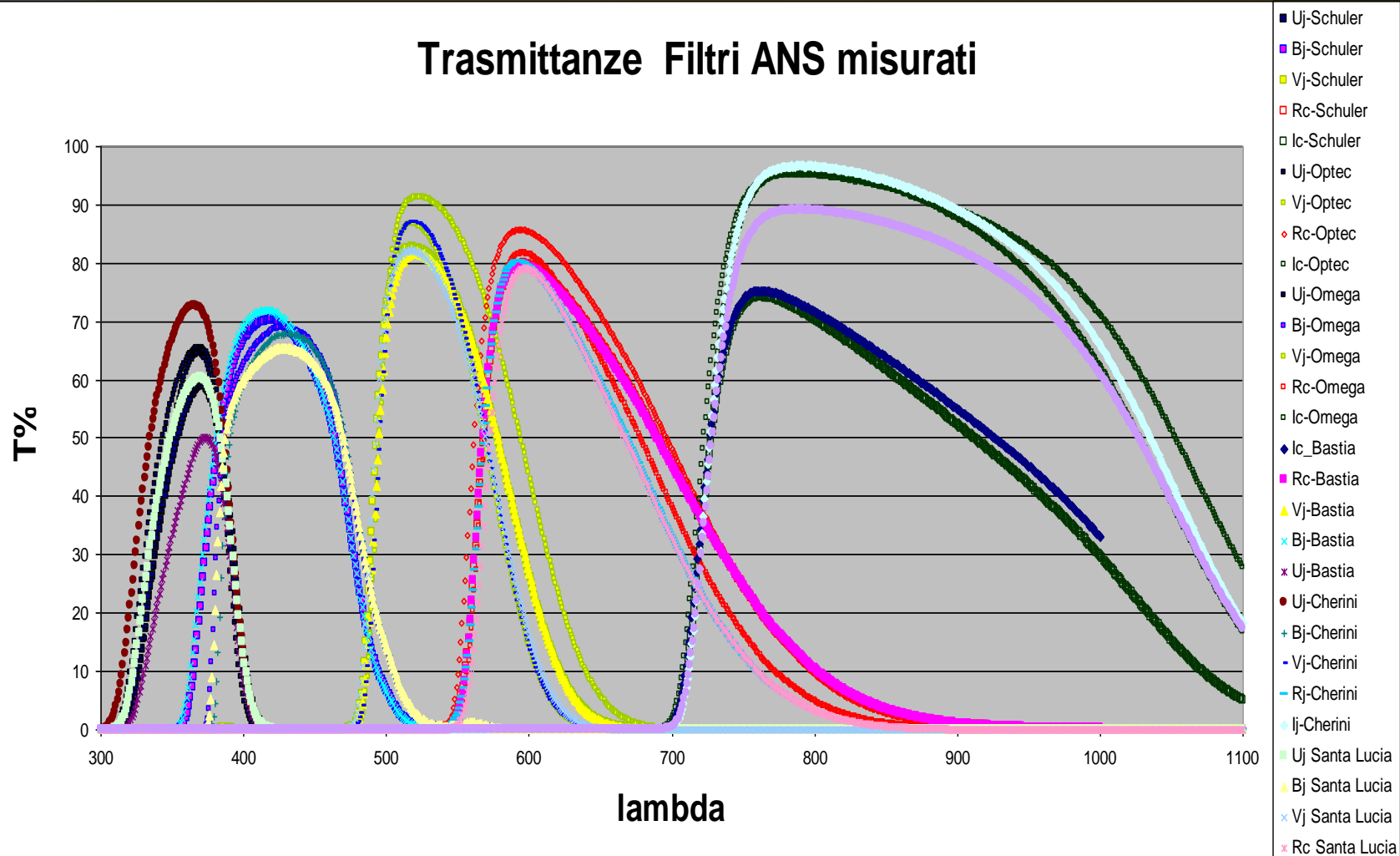
Riassuntivo filtri ANS

Obs. Code	Name	Telescope	Ccd	Filters
010/011	Cherini	Vixen ED130SS	SBIG ST10XME	UBVRI Custom Scientific
020	Baldinelli	Marcon, Fuoco Newton	HiSis 23ME	BVRc Schuler
021	Carpinello	SCT 10 Meade	HiSis 33	BVRc Schuler, Ic Schuler con
030	DallaPorta	Meade RCX 400	SBIG ST-9	B Omega, VRc Custom Scient
034	DallaPorta	Celestron 11	SBIG ST-8	BVRc Schuler
040	MonteZugna	Marcon RC 50 F8	Apogee Alta E2V BackIlluminated	Optec BVRc
050/051	Frigo	Meade 10" F10 LX200	Apogee Alta E2V BackIlluminated	B,V Optec / Rc, Ic Schuler
060	Baldo	Marcon RC	CCD FLI1001e grade 1	UBVR Schuler I Custom
072	A.Sintini	Meade SCT LX200	ccd FLI mod. Maxcam CM9-1E	Astrodon UBVR
190	Skylive-Ballardini	Meade LX200 16" F5,6	Sbig ST10	Schuler UBVR
080	Remanzacco			
098	USNO	NOFS 1.00-m Ritchey-Chretien	Tektronix/SITe 1024x1024	Custom
099	SRO	0.35-m Celestron C14	SBIG STL-1001E 1024x1024	Optec BVRc
100	Polse	Ritchey-Cretien	Apogee ALTA U9000	Schuler UBVRc 50x50 quad.
101	Polse	Newton	Apogee Ap47p	UBVRc Schuler
110	Carlo Gualdoni	Meade 10" F/6 LX200 GPS	SBIG ST-7 XME	B,V,R,I Schuler
122	Bastia-ARAR	Newton 420 F5.5 Marcon	Apogee Alta u260e	Uj,Bj,Vj,Rc,Ic Astrodon
130	Stroncone	Ritchey Chretien	STL 1001 E Sbig	UBVRI Omega Filters
140	Asiago	None	None	None
150	Righetti	Celestron SC 8	Starlight Xpress SXV H9 binning 2	U,B,V,R,I Custom Scientific
151	Righetti	Celestron SC 8	Starlight Xpress SXV H9 binning 2	
160	MoschiniFa	Meade LX 200 GPS 14"	SBIG ST8	U,B,V,R,I Schuler
165	MoschiniFa	Meade LX 200 GPS 14"	Sbig ST-9	U,B,V,R,I Omega
170	R-ANS1	Dall-Kirkham, Takahashi	SBIG ST8E	BVRc Custom Scientific
171	R-ANS2	Newton modif, Takahashi	Sbig ST8XE	BVRc Custom Scientific
172	R-ANS3	Fuoco Cassegrain, RC	SBIG ST10XME	LUBVRI Halfa Astrodon
173	R-ANS4	Dall-Kirkham, Takahashi	Site003 thinned back side ill	BVRI Optec Halfa SII-OIII Custom
180	Stradella	Newton 25 cm f6 Marcon	CCD FLI ME2	

Confronto Generale T%

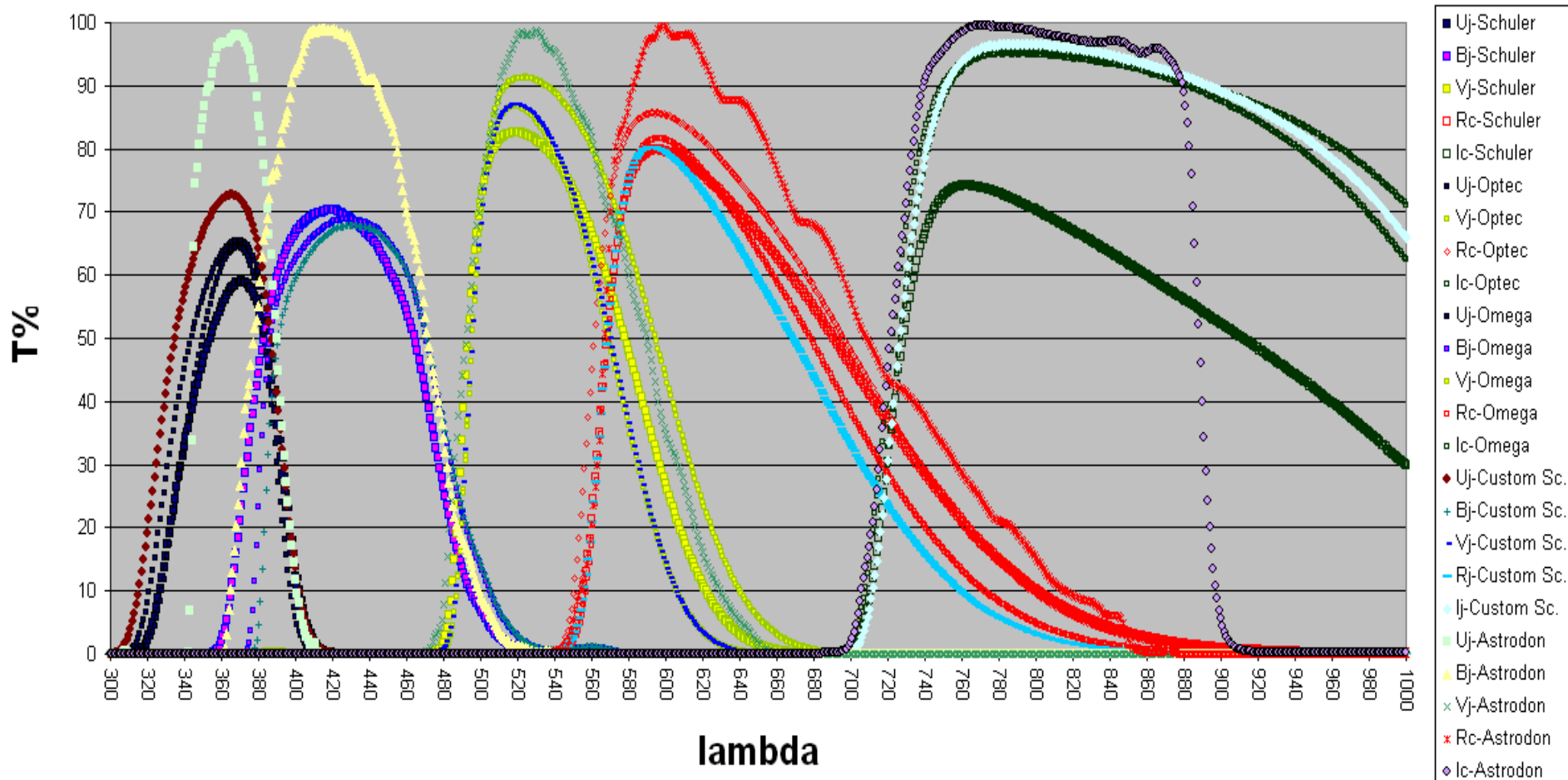
Filtri ANS 2008

Trasmittanze Filtri ANS misurati



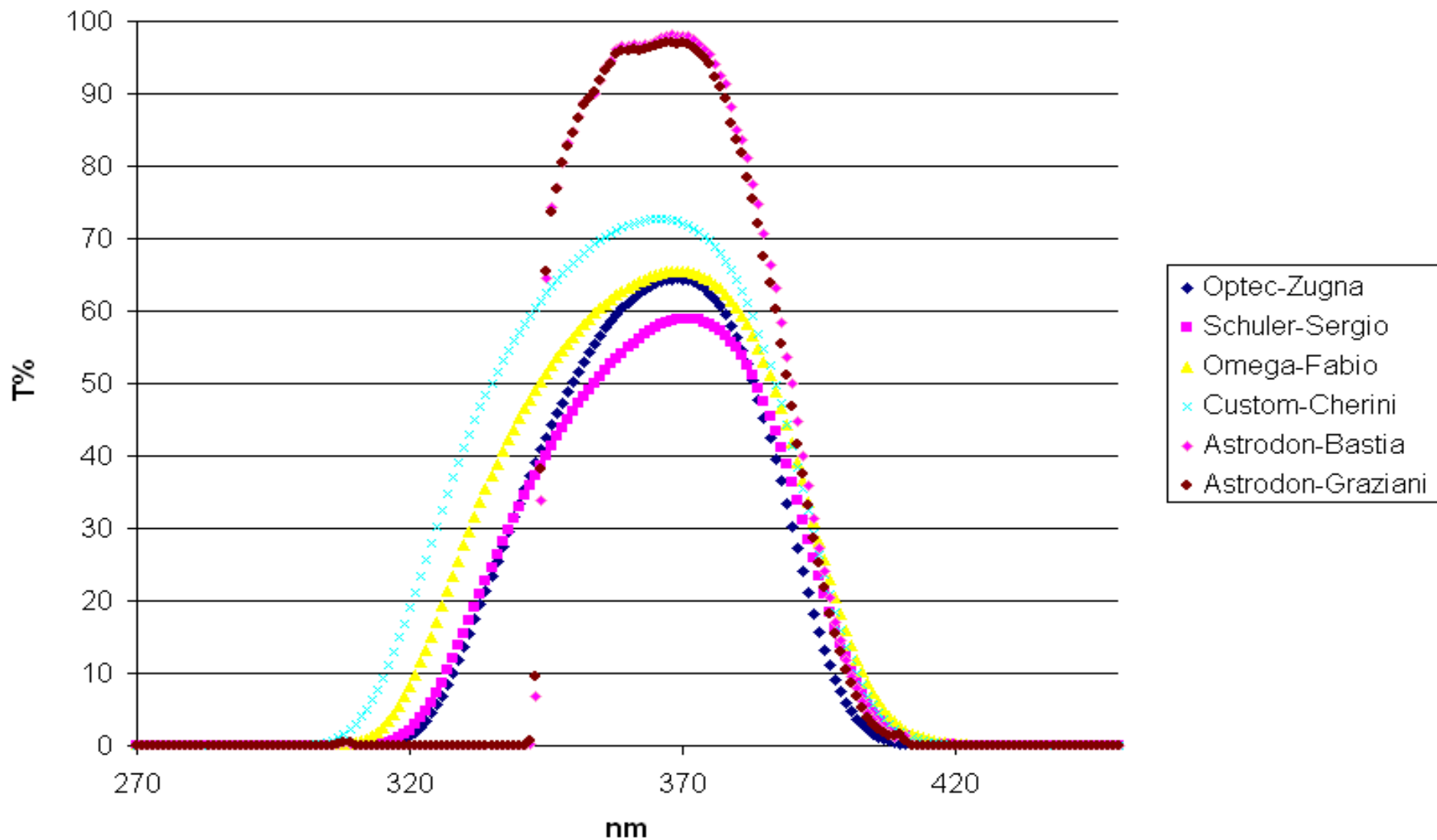
Confronto Generale T% Filtri ANS 2010

Trasmittanze set Filtri ANS



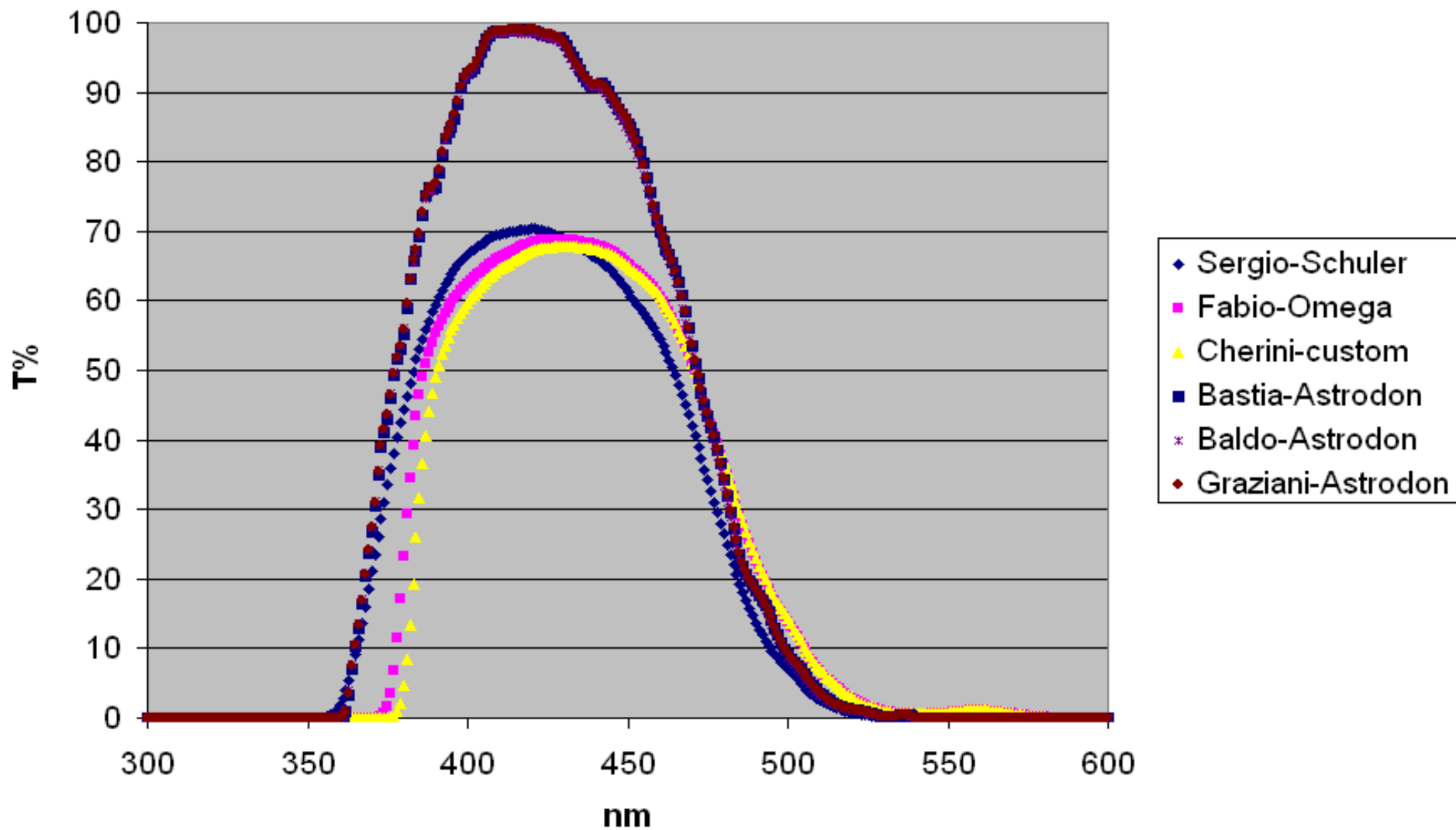
Filtri Uj: confronti tra le serie

Confronti tra Uj in ANS



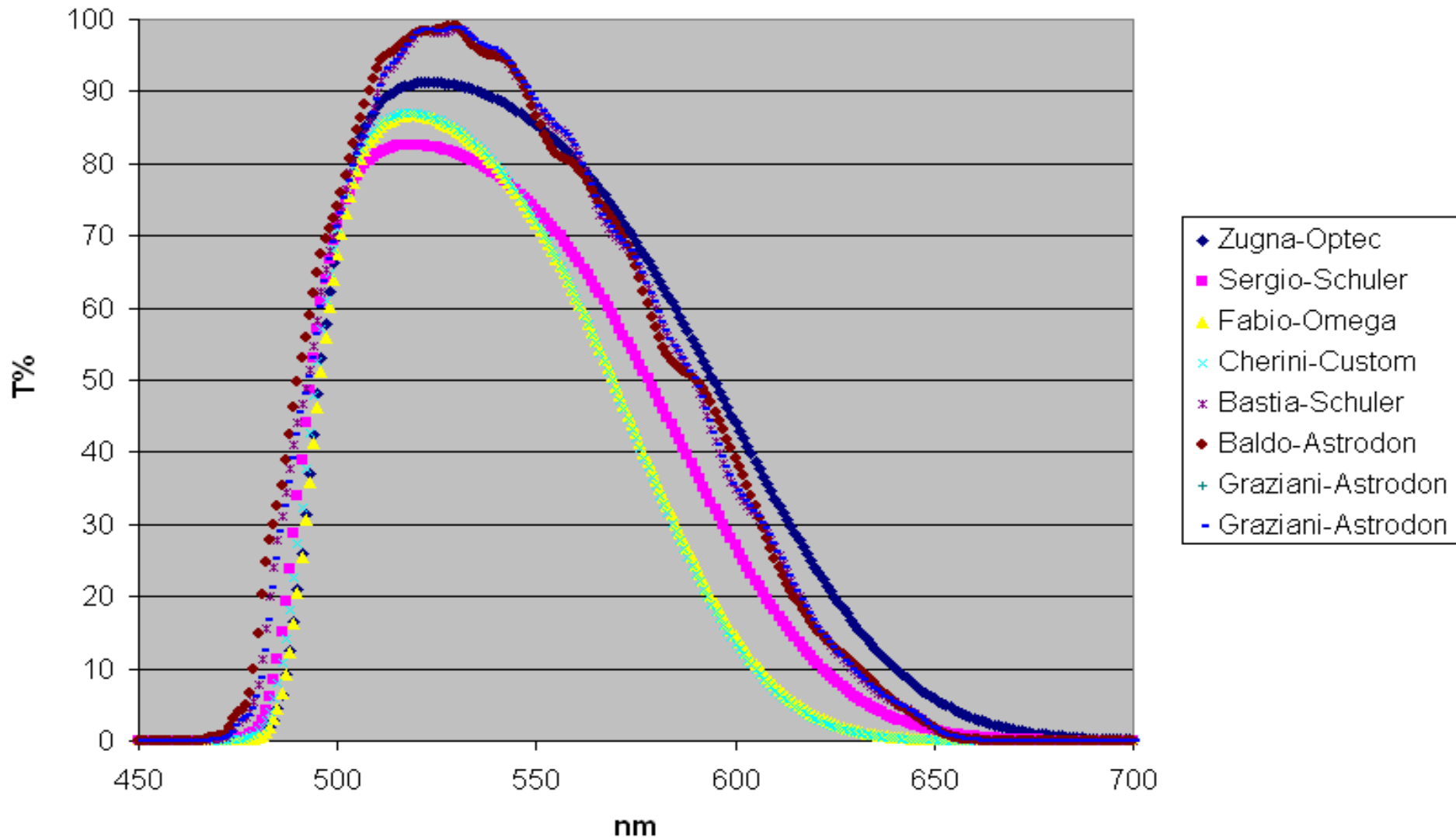
Filtri Bj: confronti tra le serie

Bj-ANS



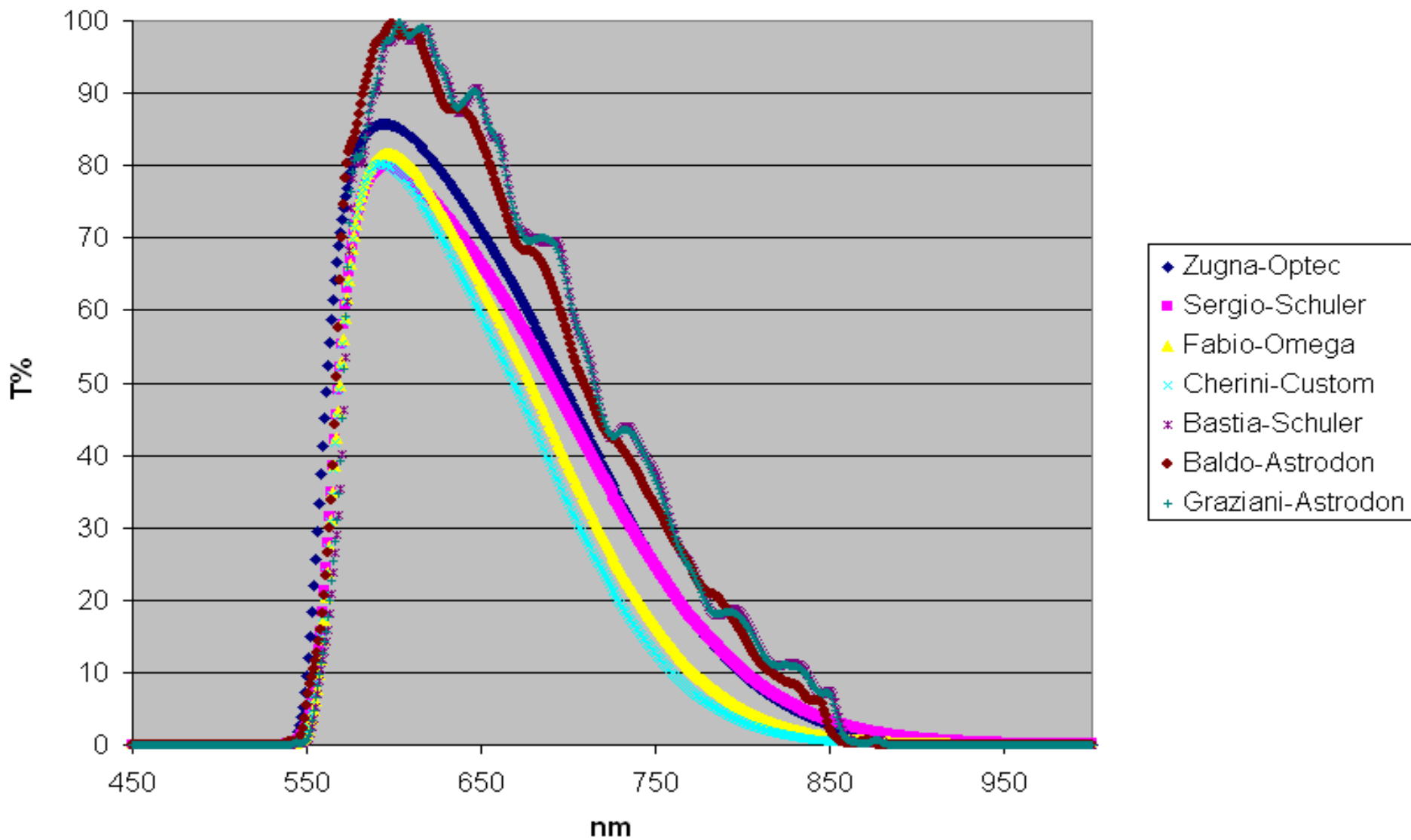
Filtri Vj: confronti tra le serie

Vj-Ans



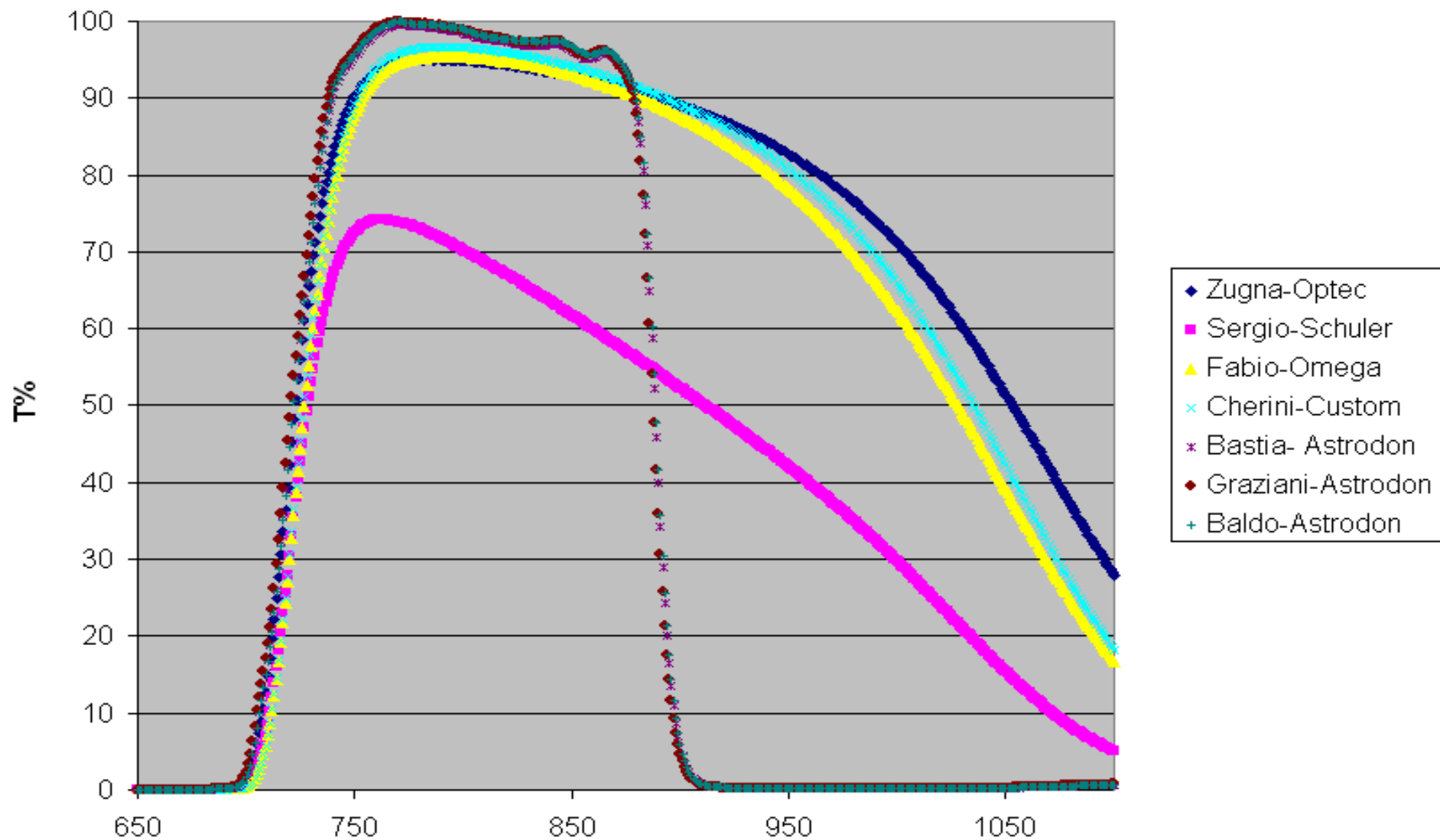
Filtri Rc: confronti tra le serie

Rc-Ans



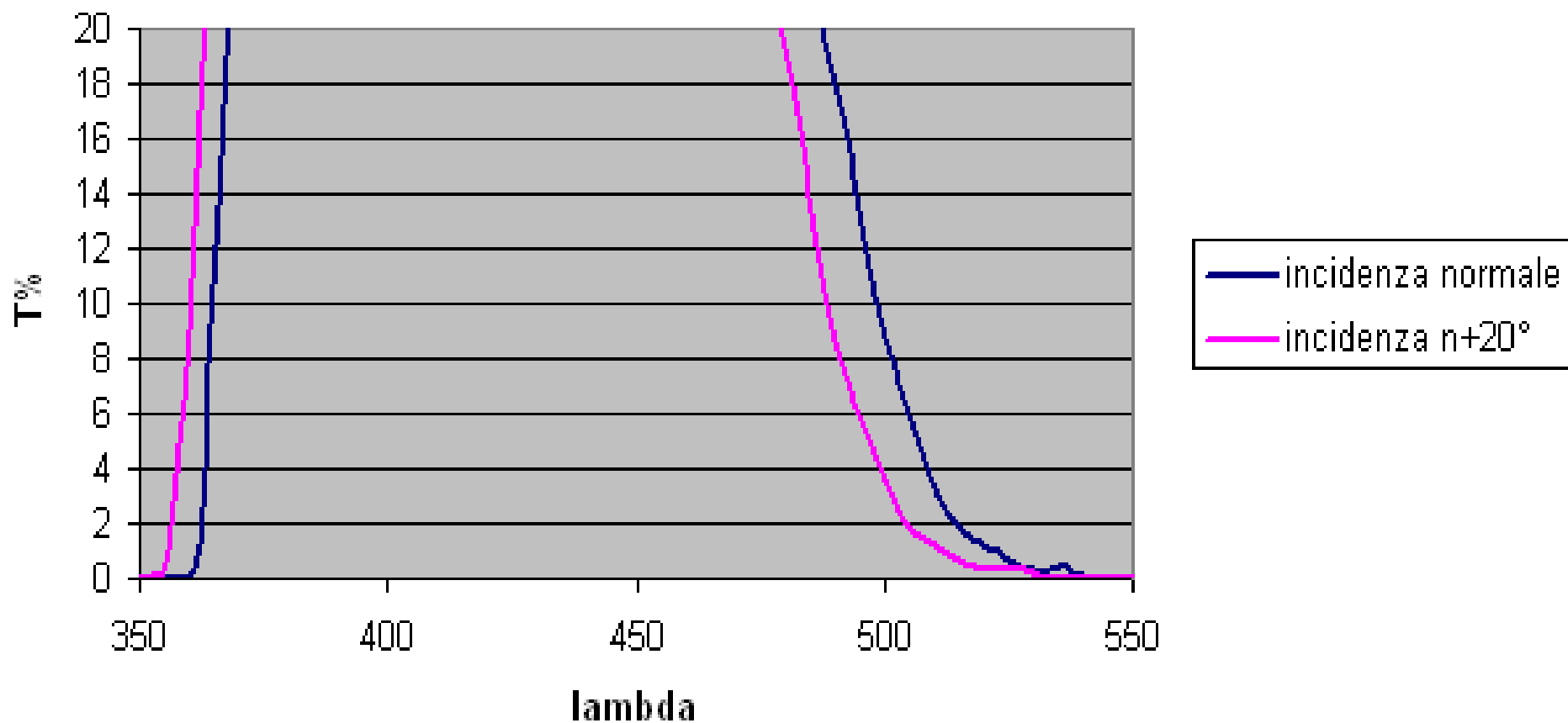
Filtri Ic: confronti tra le serie

Ic - Ans



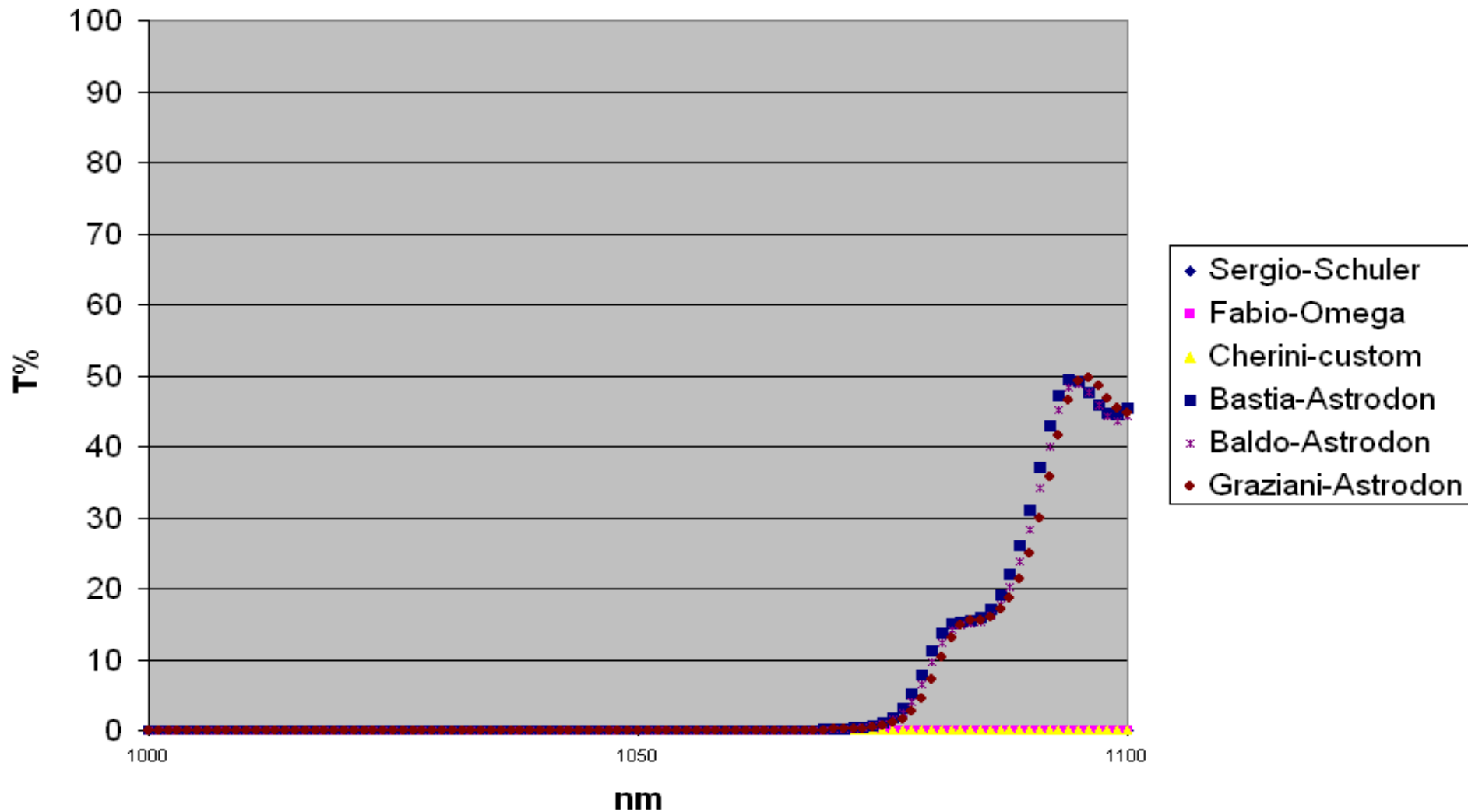
Shift trasmittanza in funzione dell'incidenza su filtri Astrodon

Filtro Bj Astrodon: prove a incidenza variabile

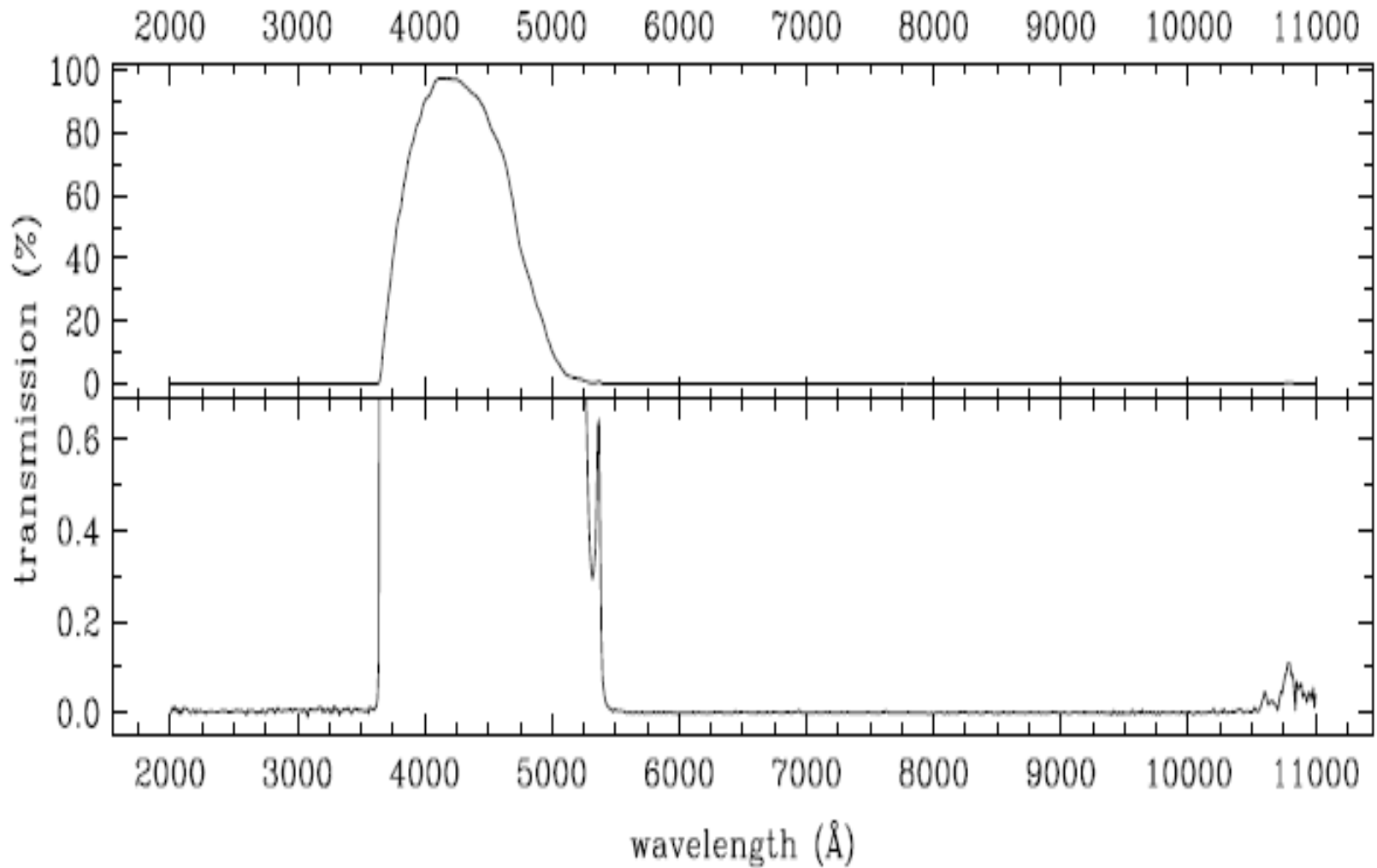


Una sorpresa inattesa.....

Bj-ANS



Filtro Astrodon Bj modificato - 2012





Grazie per l'attenzione