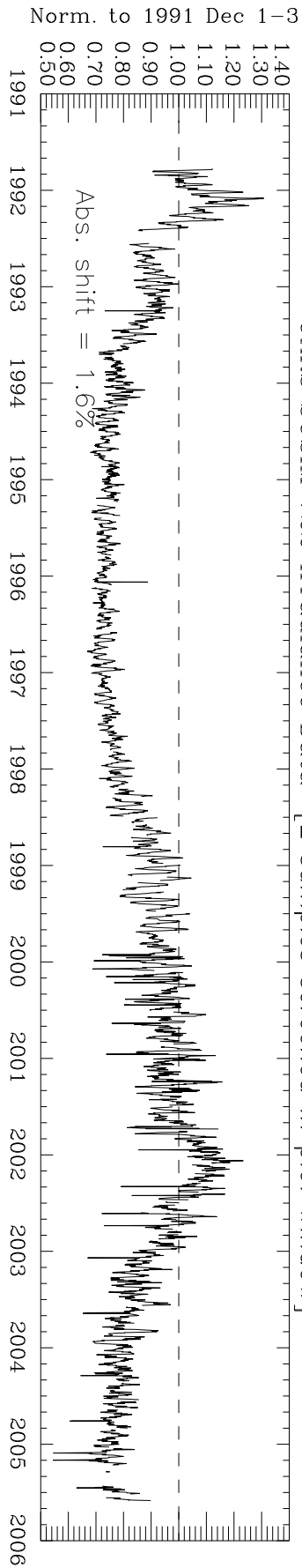
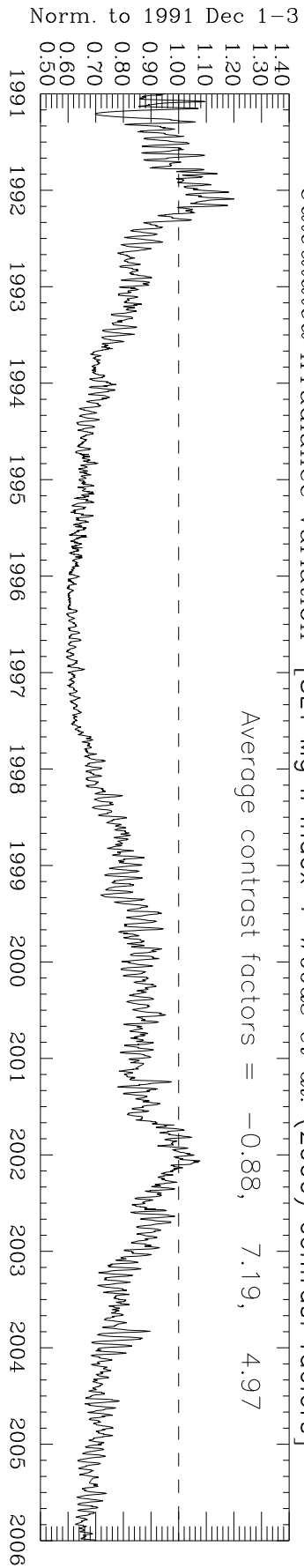


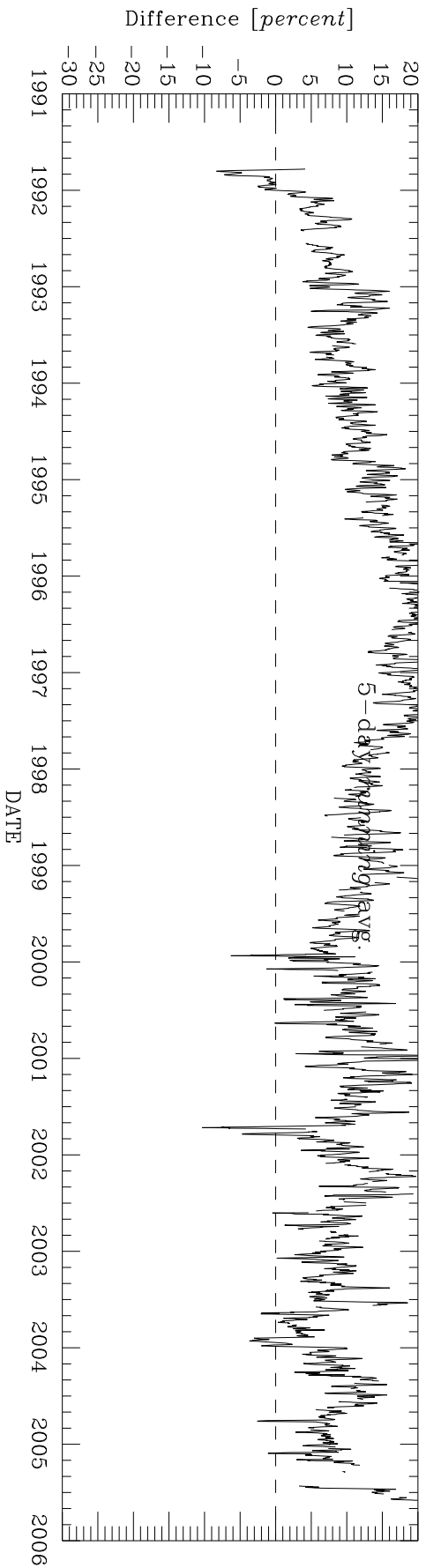
Solar Irradiance Comparison: 120–121 nm
UARS SUSIM V22 Irradiance Data [2 samples screened in plot window]



Calculated Irradiance Variation [SET Mg II index + Woods et al. (2000) contrast factors]
Average contrast factors = -0.88, 7.19, 4.97

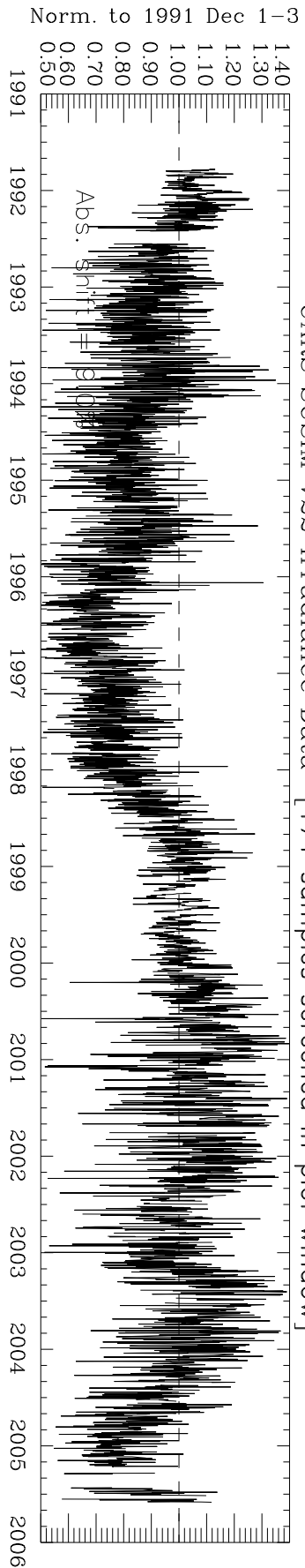


DIFFERENCE: UARS SUSIM V22 - Calculated Solar Variation



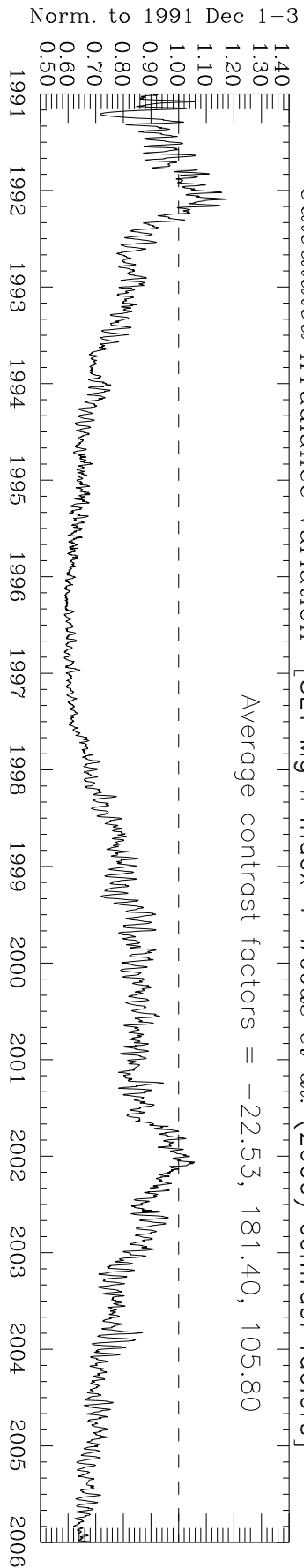
Solar Irradiance Comparison: 122-124 nm

UARS SUSIM V22 Irradiance Data [171 samples screened in plot window]

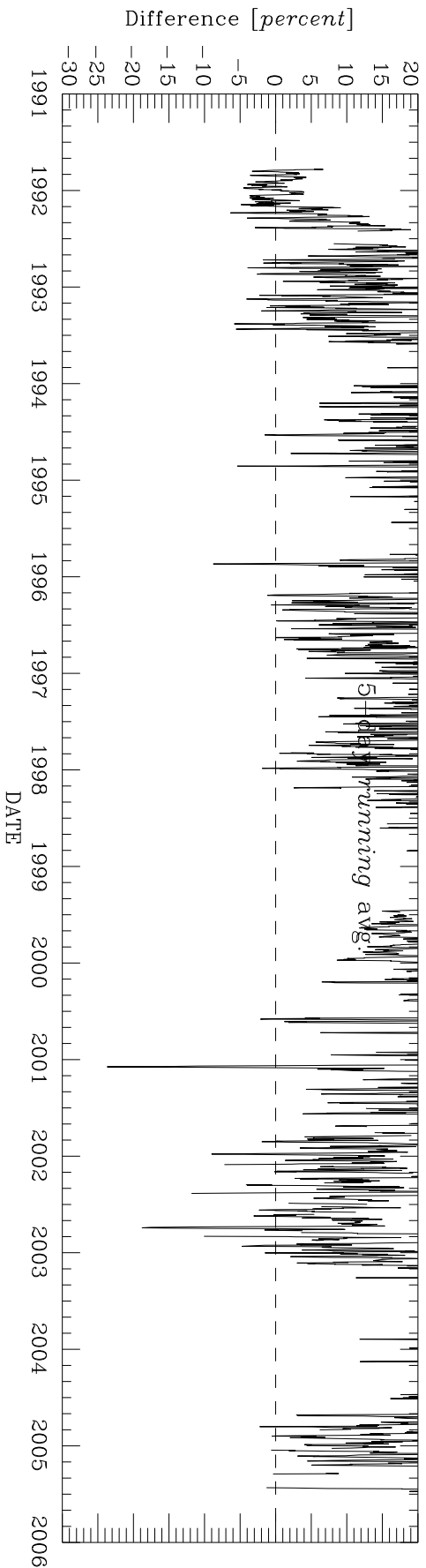


Calculated Irradiance Variation [SET Mg II index + Woods et al. (2000) contrast factors]

Average contrast factors = -22.53, 181.40, 105.80

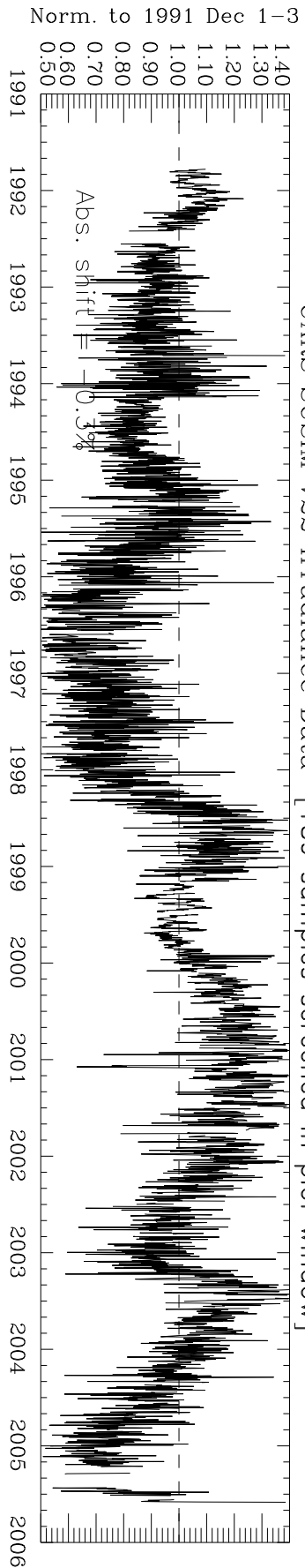


DIFFERENCE: UARS SUSIM V22 - Calculated Solar Variation

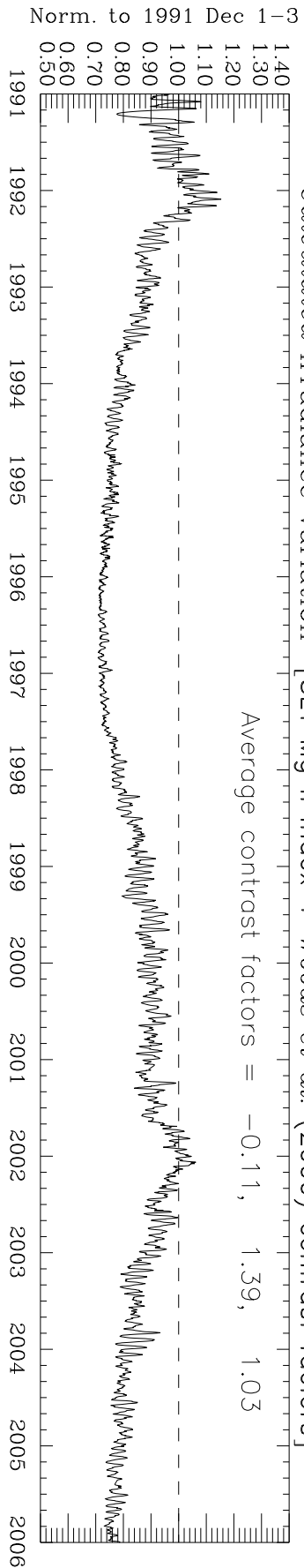


Solar Irradiance Comparison: 125–129 nm

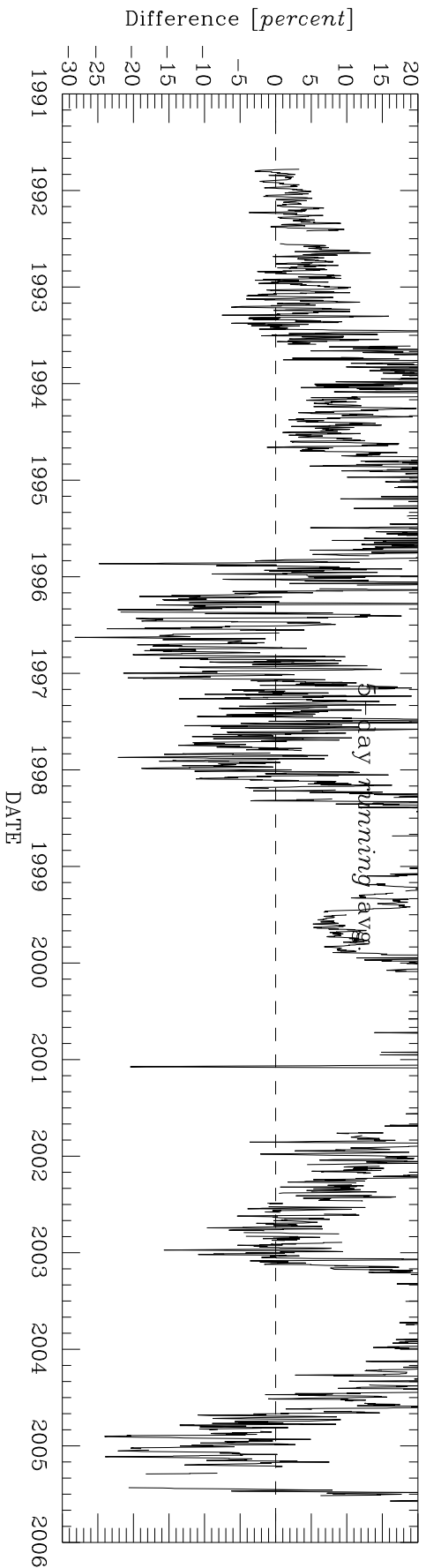
UARS SUSIM V22 Irradiance Data [189 samples screened in plot window]



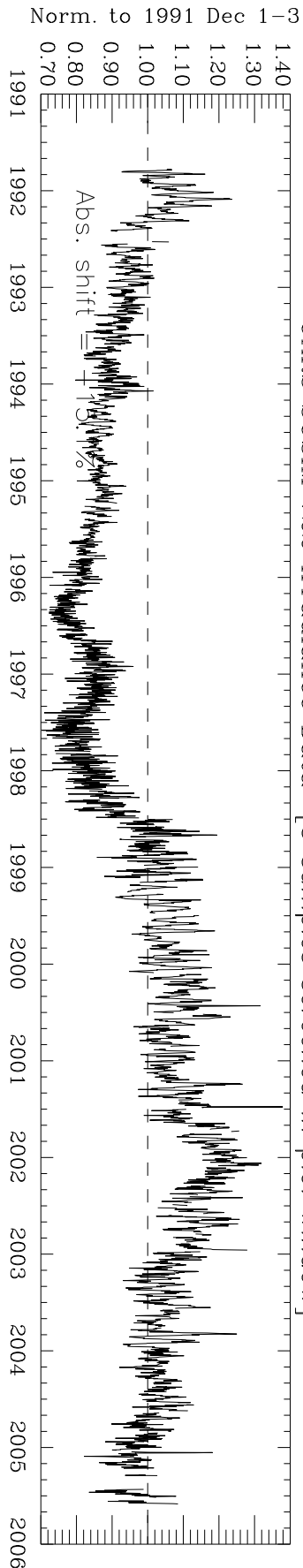
Calculated Irradiance Variation [SET Mg II index + Woods *et al.* (2000) contrast factors]
 Average contrast factors = -0.11, 1.39, 1.03



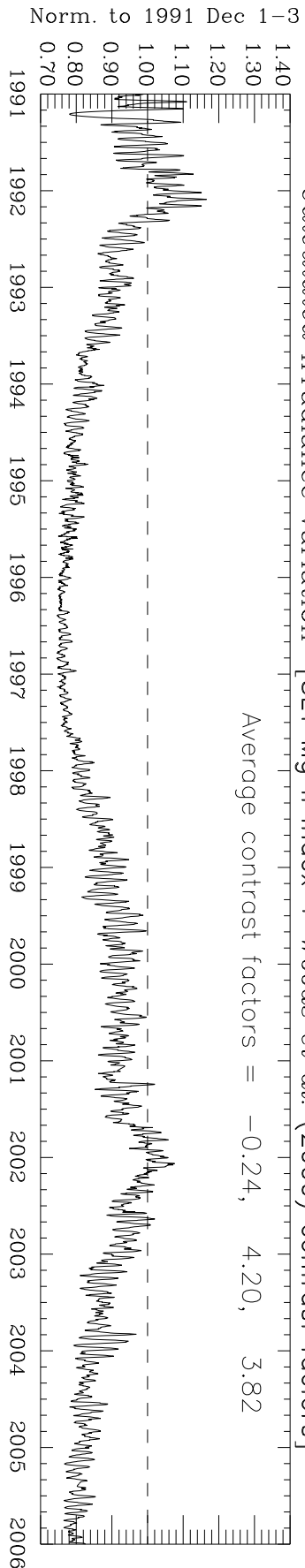
DIFFERENCE: UARS SUSIM V22 - Calculated Solar Variation



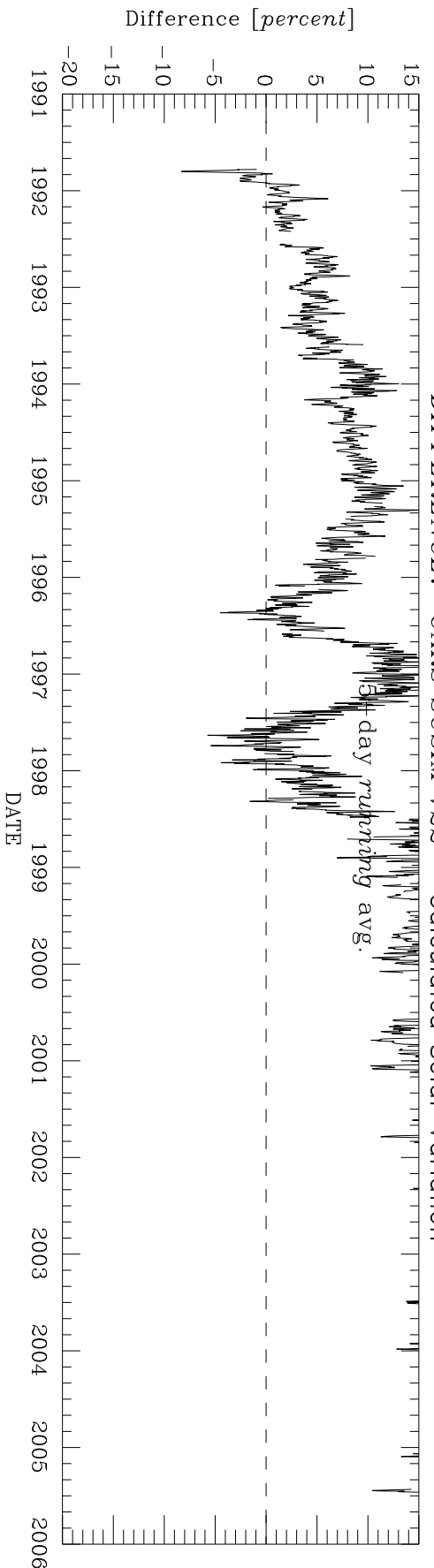
Solar Irradiance Comparison: 130–134 nm
 UARS SUSIM V22 Irradiance Data [3 samples screened in plot window]



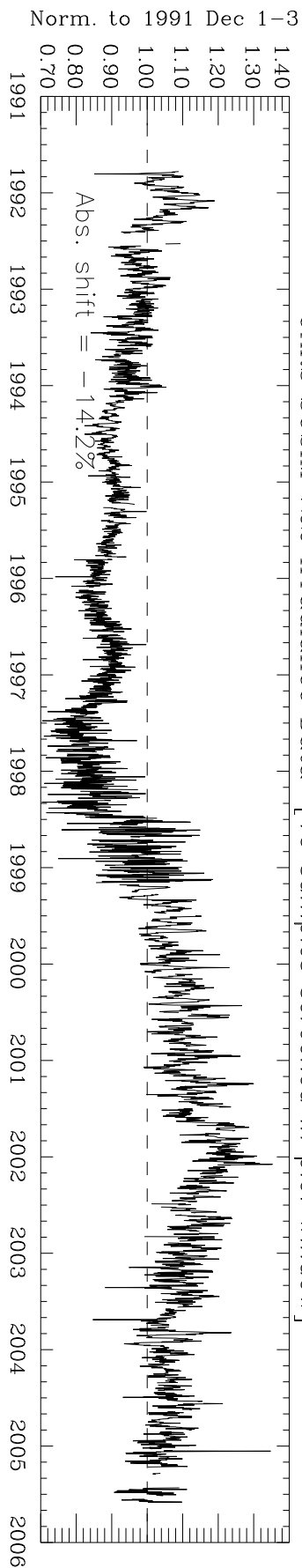
Calculated Irradiance Variation [SET Mg II index + *Woods et al.* (2000) contrast factors]
 Average contrast factors = -0.24, 4.20, 3.82



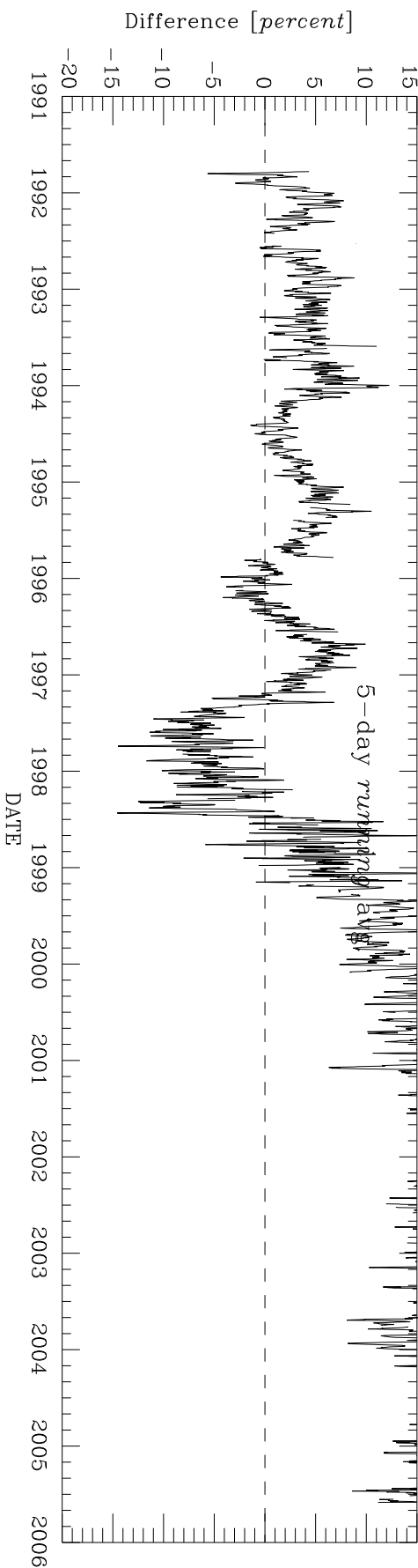
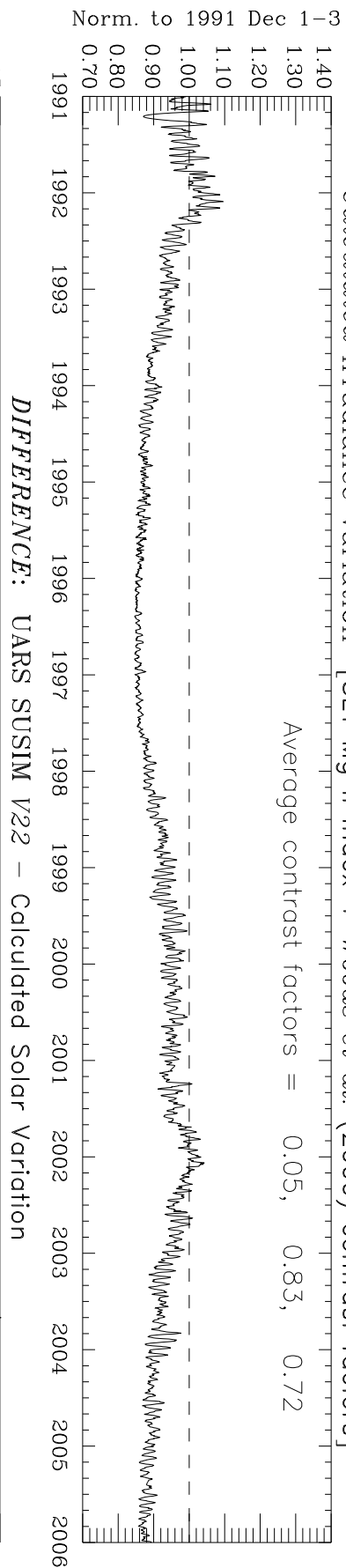
DIFFERENCE: UARS SUSIM V22 - Calculated Solar Variation
 3-day running avg.



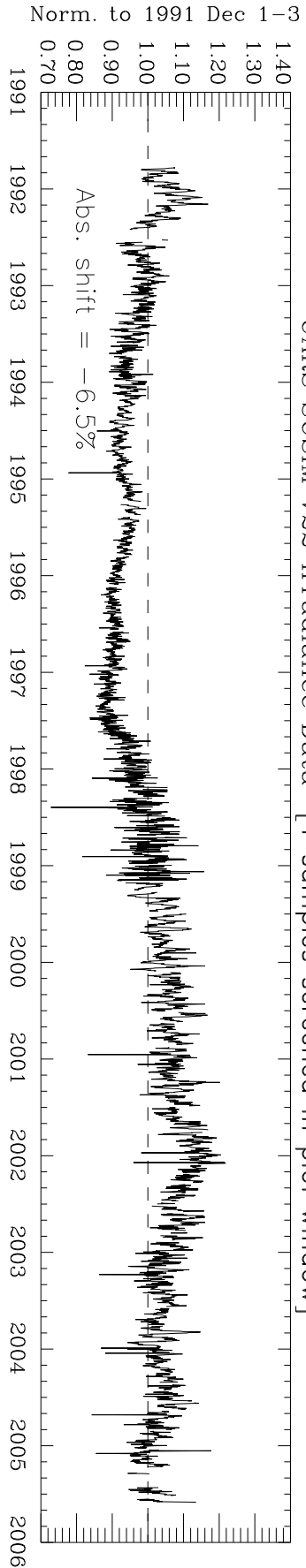
Solar Irradiance Comparison: 135–139 nm
 UARS SUSIM V22 Irradiance Data [10 samples screened in plot window]



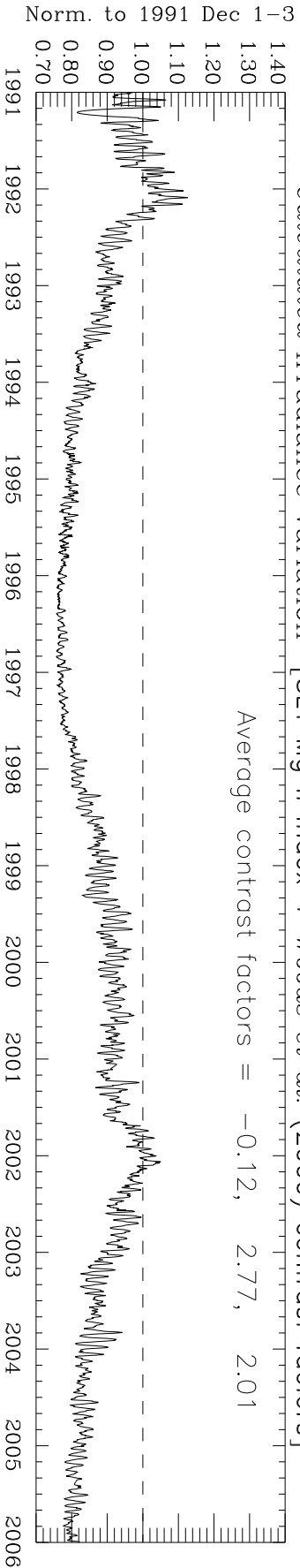
Calculated Irradiance Variation [SET Mg II index + *Woods et al.* (2000) contrast factors]
 Average contrast factors = 0.05, 0.83, 0.72



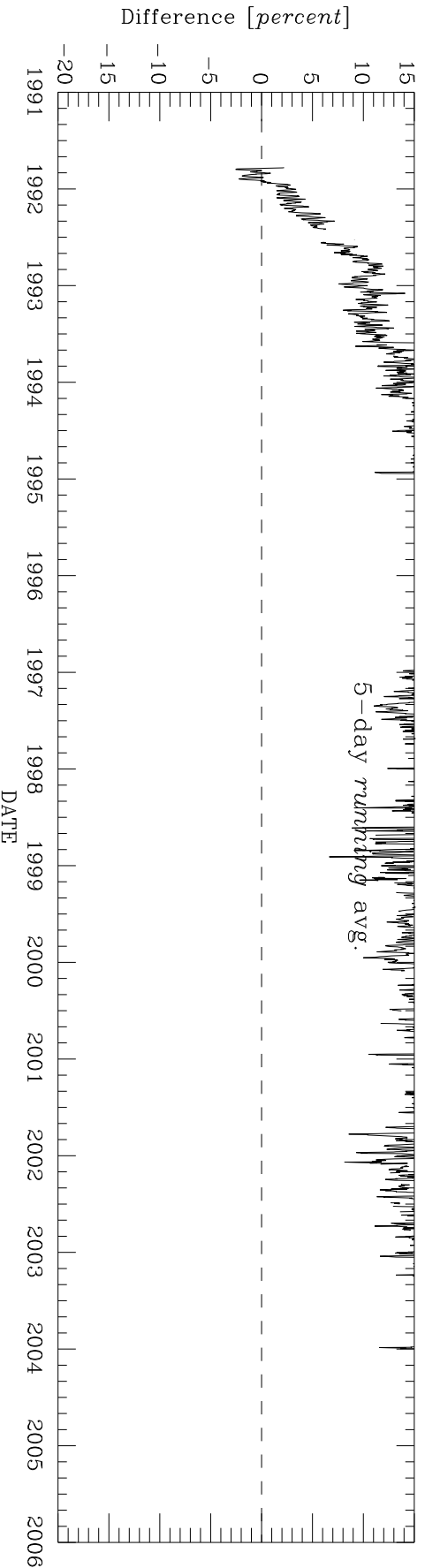
Solar Irradiance Comparison: 140–144 nm
 UARS SUSIM V22 Irradiance Data [1 samples screened in plot window]



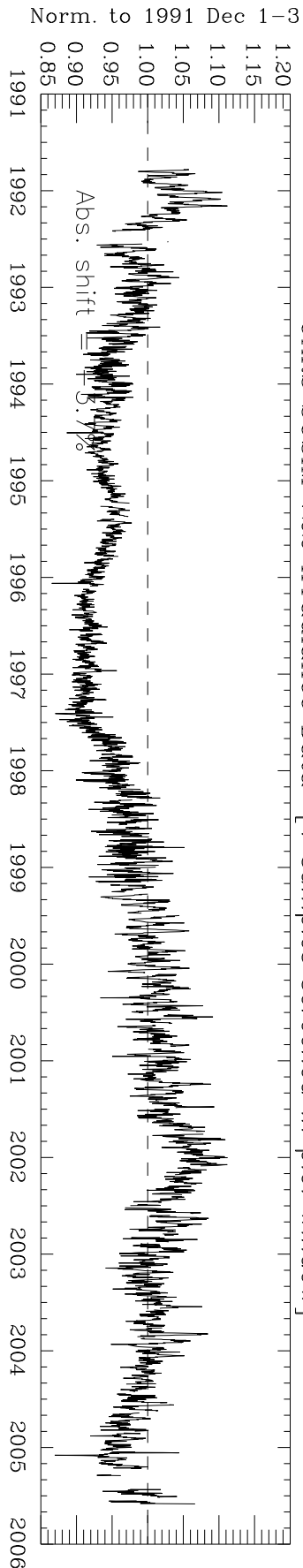
Calculated Irradiance Variation [SET Mg II index + *Woods et al.* (2000) contrast factors]
 Average contrast factors = -0.12, 2.77, 2.01



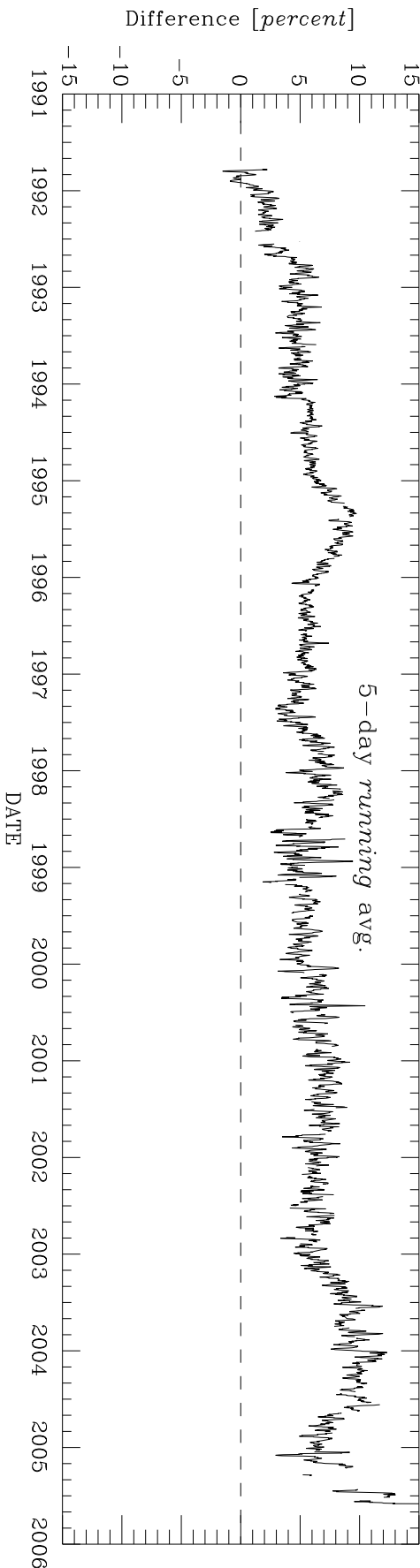
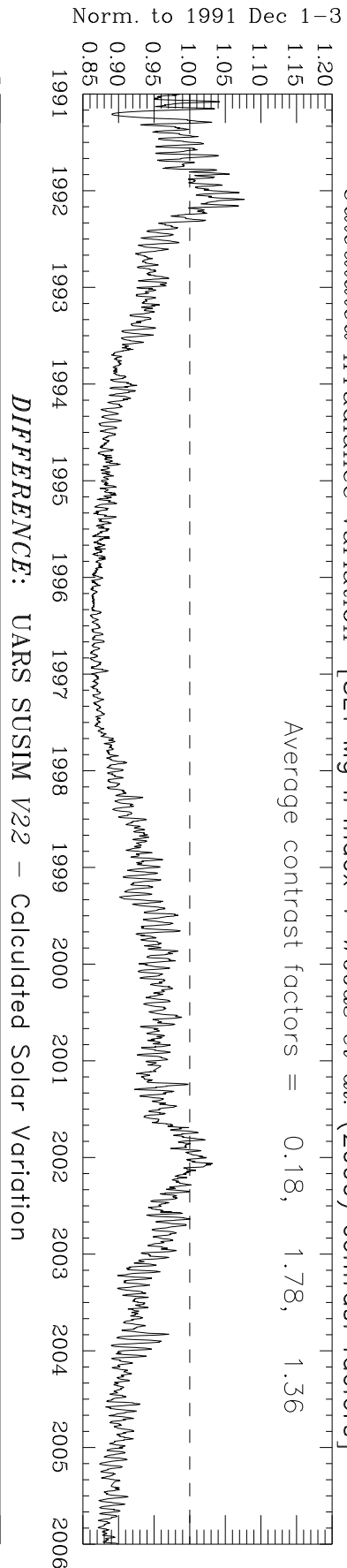
DIFFERENCE: UARS SUSIM V22 - Calculated Solar Variation
 5-day running avg.



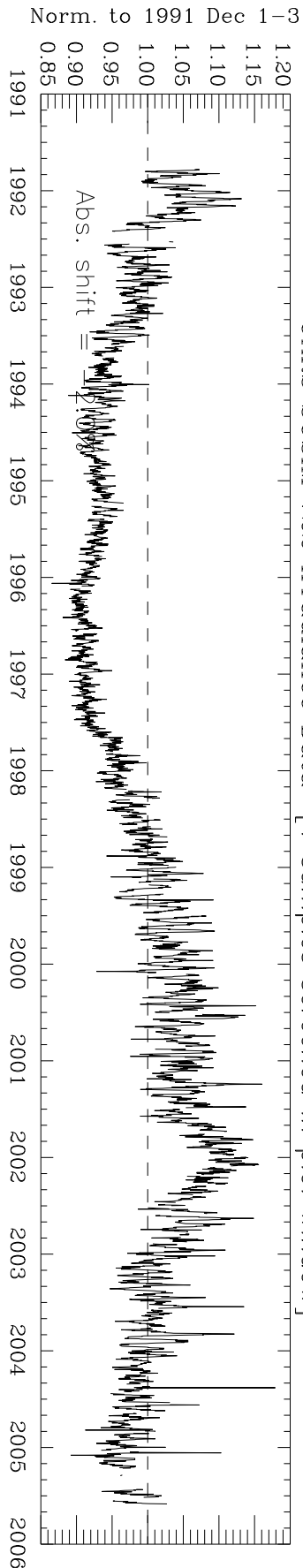
Solar Irradiance Comparison: 145–149 nm
 UARS SUSIM V22 Irradiance Data [1 samples screened in plot window]



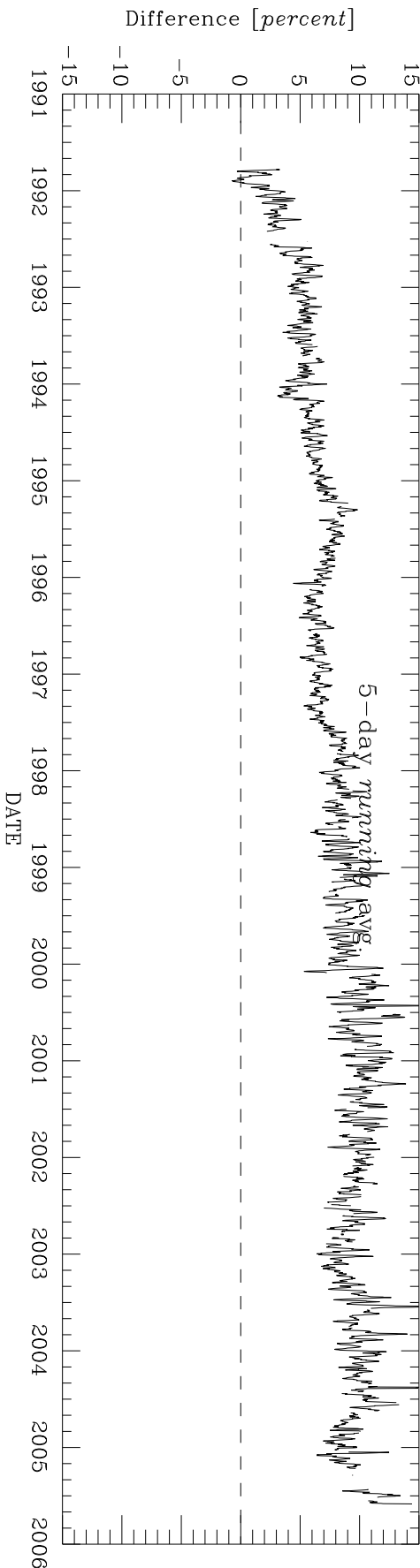
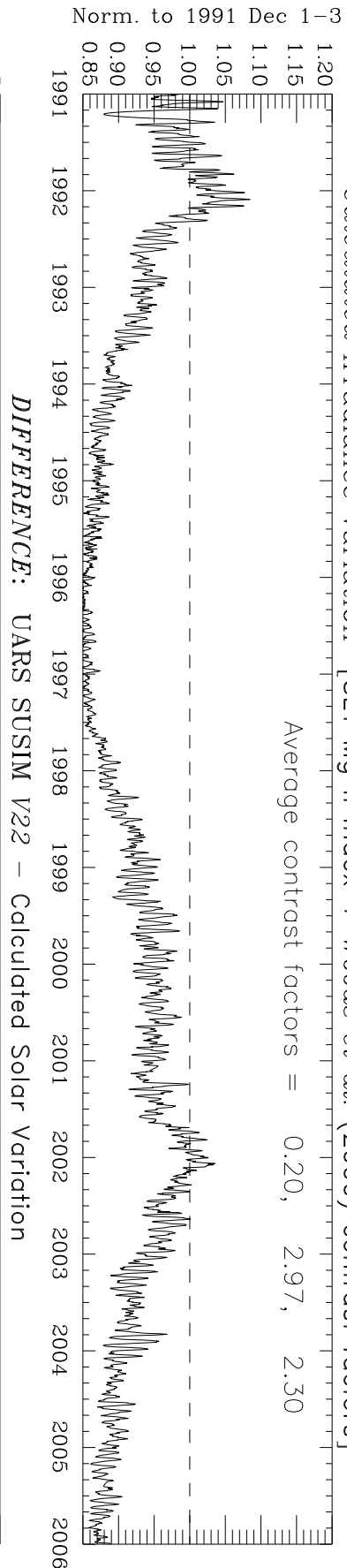
Calculated Irradiance Variation [SET Mg II index + Woods *et al.* (2000) contrast factors]
 Average contrast factors = 0.18, 1.78, 1.36



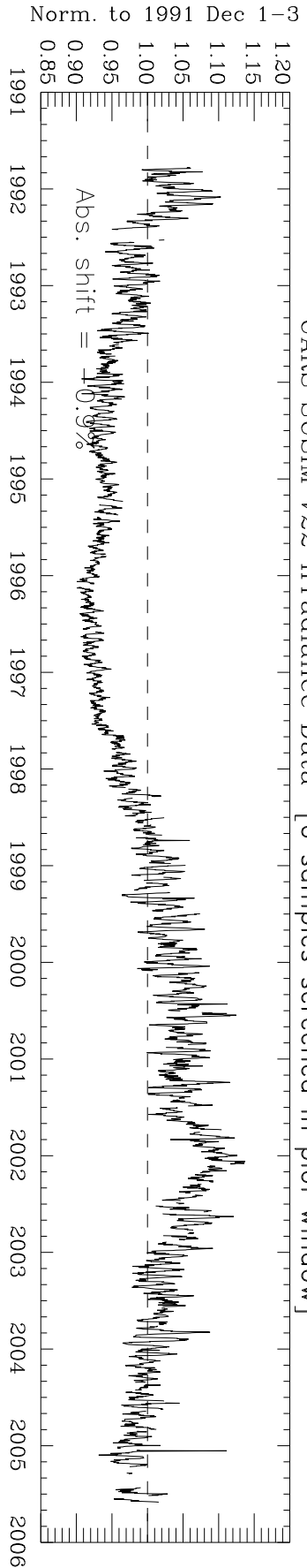
Solar Irradiance Comparison: 150–154 nm
 UARS SUSIM V22 Irradiance Data [1 samples screened in plot window]



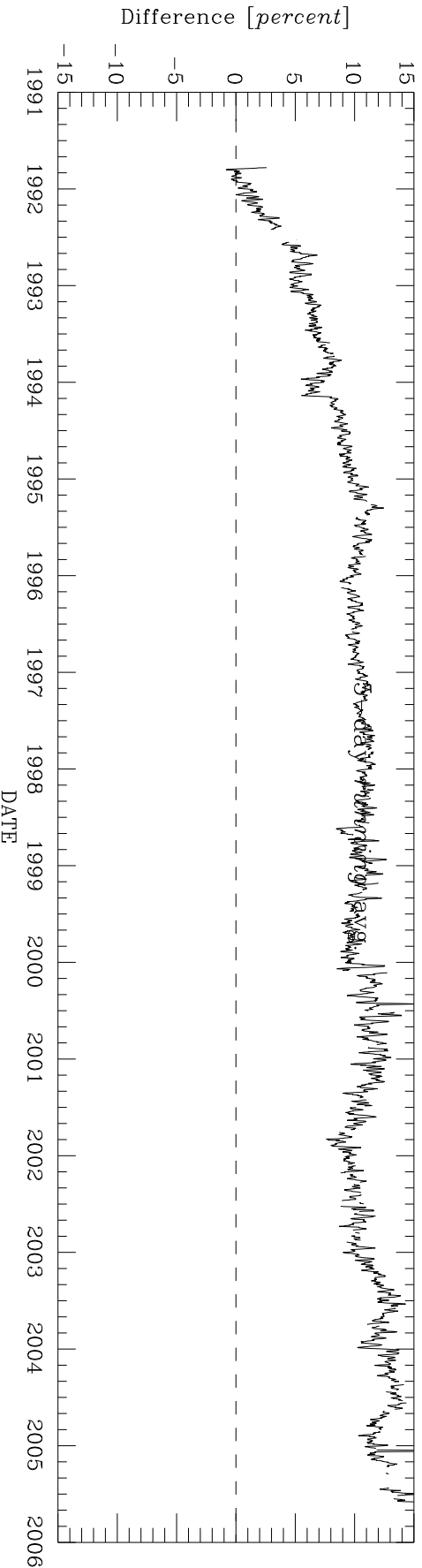
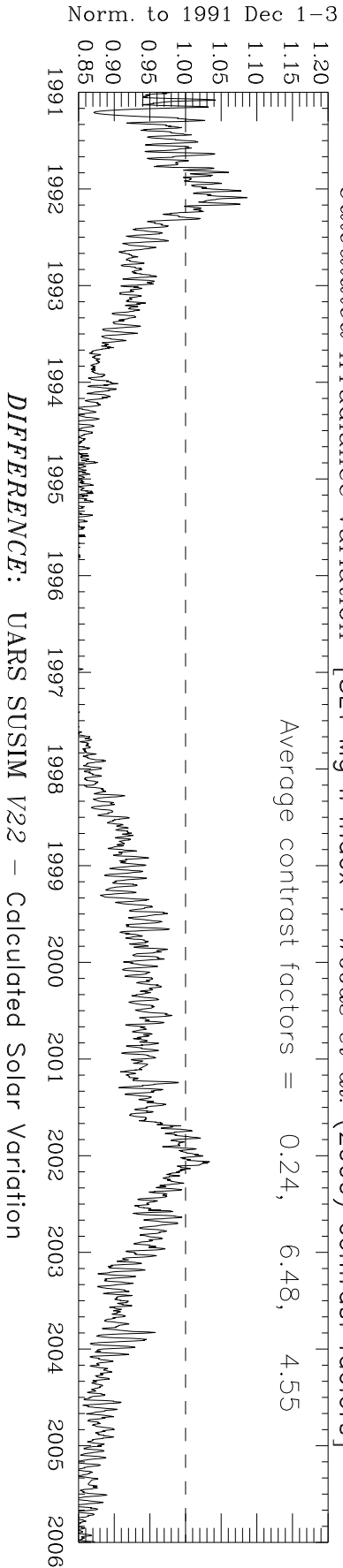
Calculated Irradiance Variation [SET Mg II index + *Woods et al.* (2000) contrast factors]
 Average contrast factors = 0.20, 2.97, 2.30



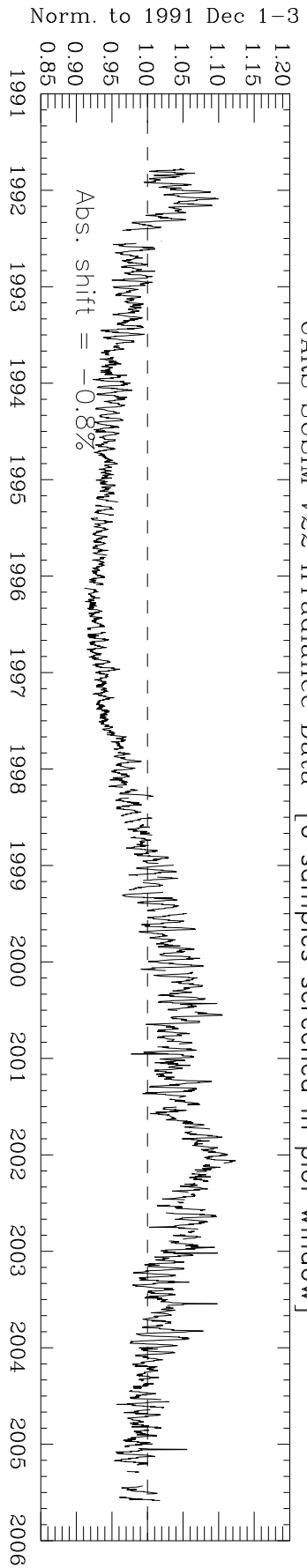
Solar Irradiance Comparison: 155–159 nm
 UARS SUSIM V22 Irradiance Data [0 samples screened in plot window]



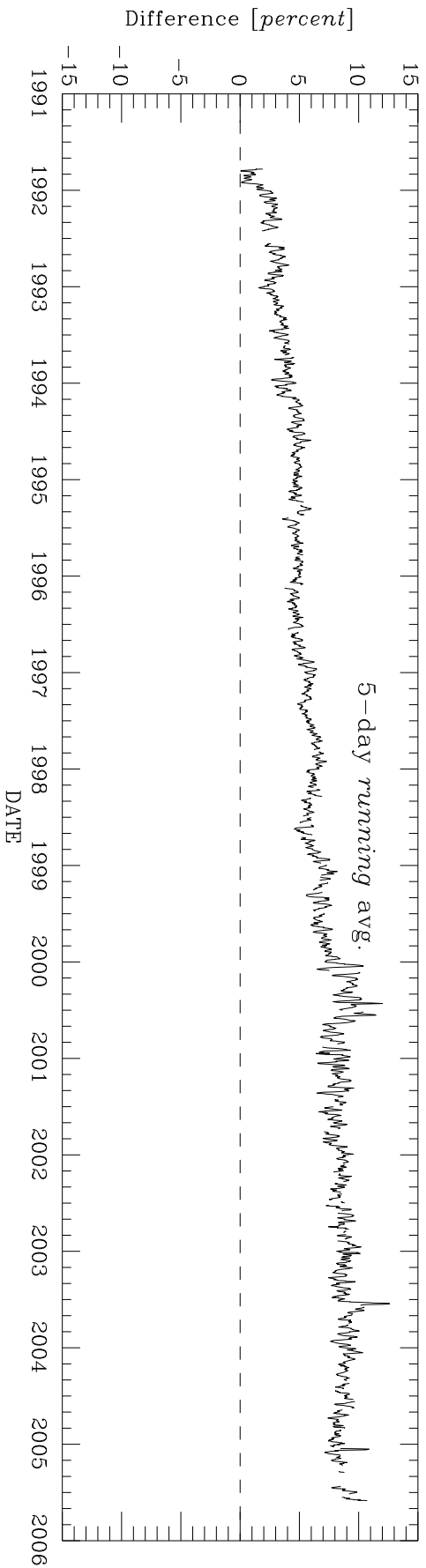
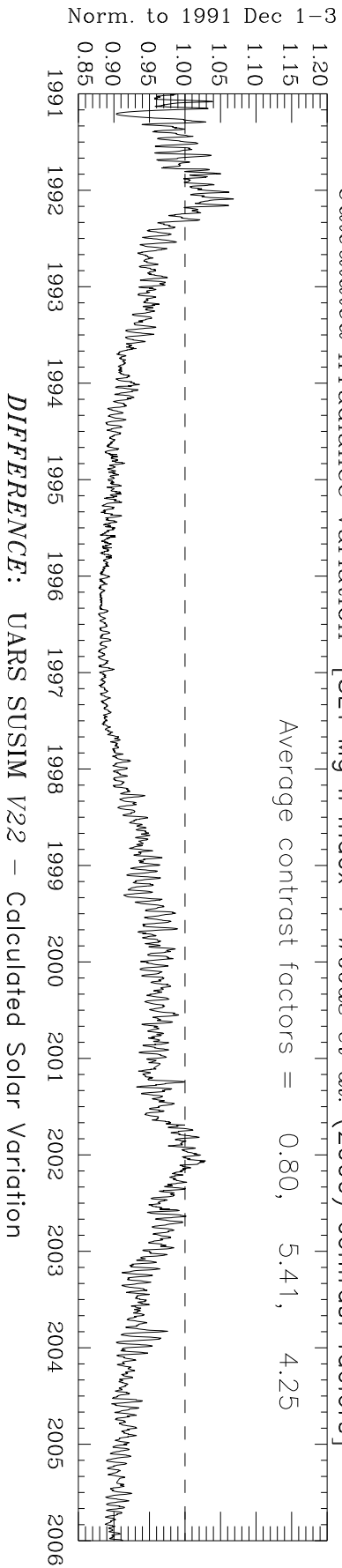
Calculated Irradiance Variation [SET Mg II index + *Woods et al.* (2000) contrast factors]
 Average contrast factors = 0.24, 6.48, 4.55



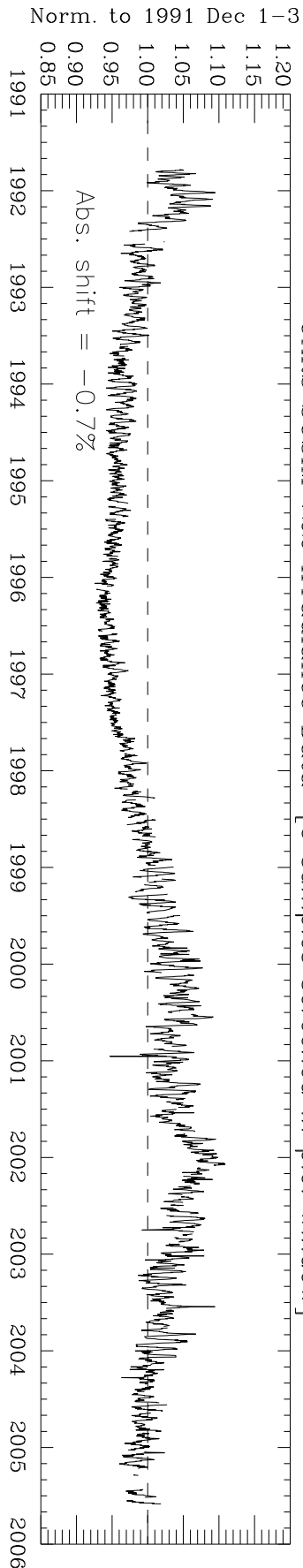
Solar Irradiance Comparison: 160–164 nm
 UARS SUSIM V22 Irradiance Data [0 samples screened in plot window]



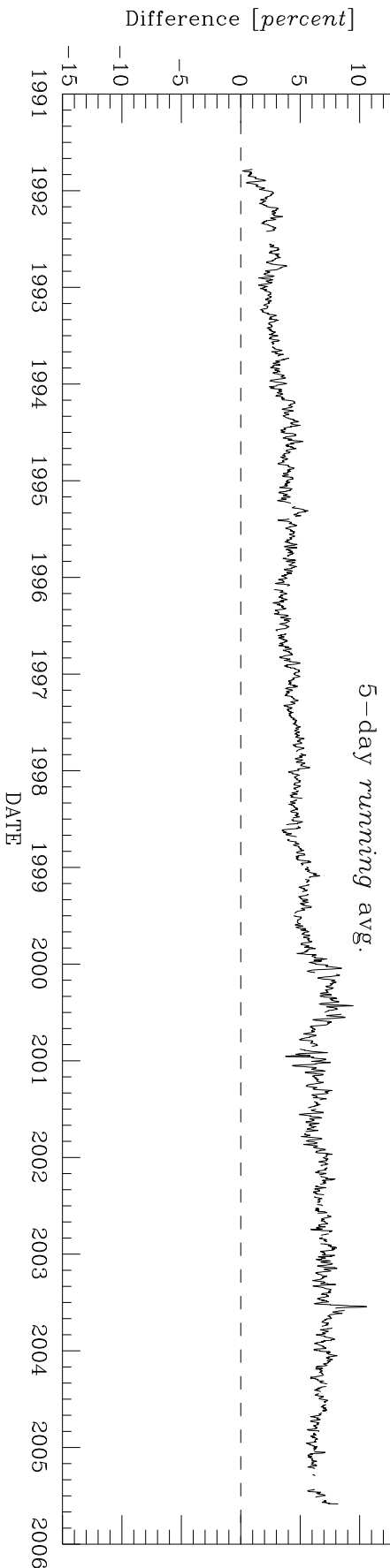
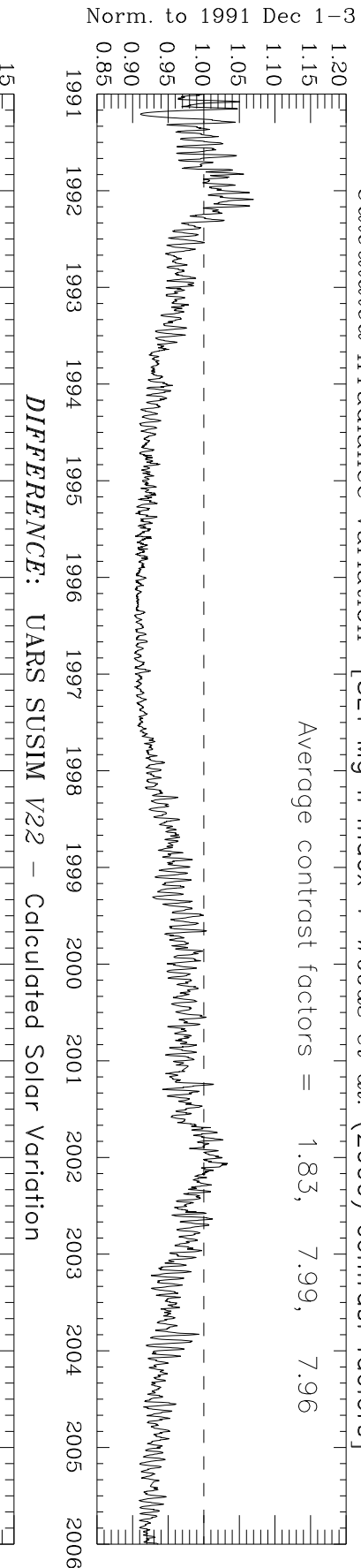
Calculated Irradiance Variation [SET Mg II index + Woods *et al.* (2000) contrast factors]
 Average contrast factors = 0.80, 5.41, 4.25



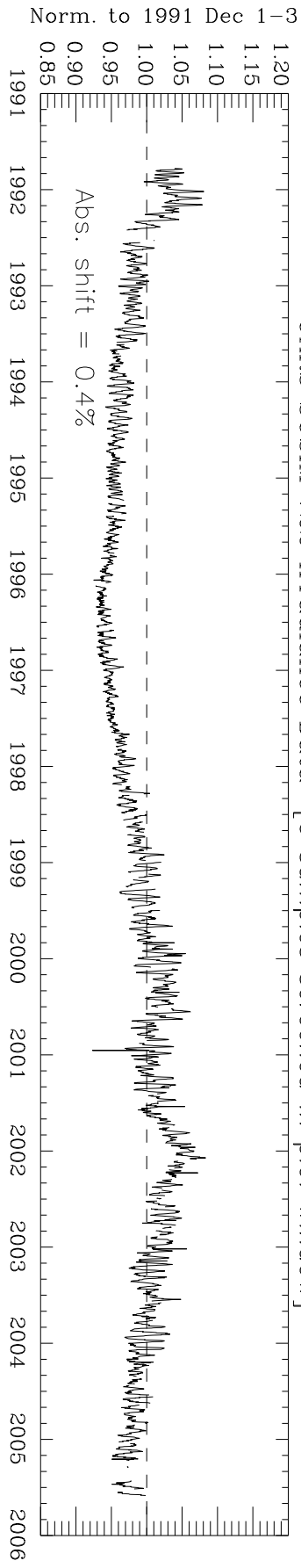
Solar Irradiance Comparison: 165–169 nm
 UARS SUSIM V22 Irradiance Data [0 samples screened in plot window]



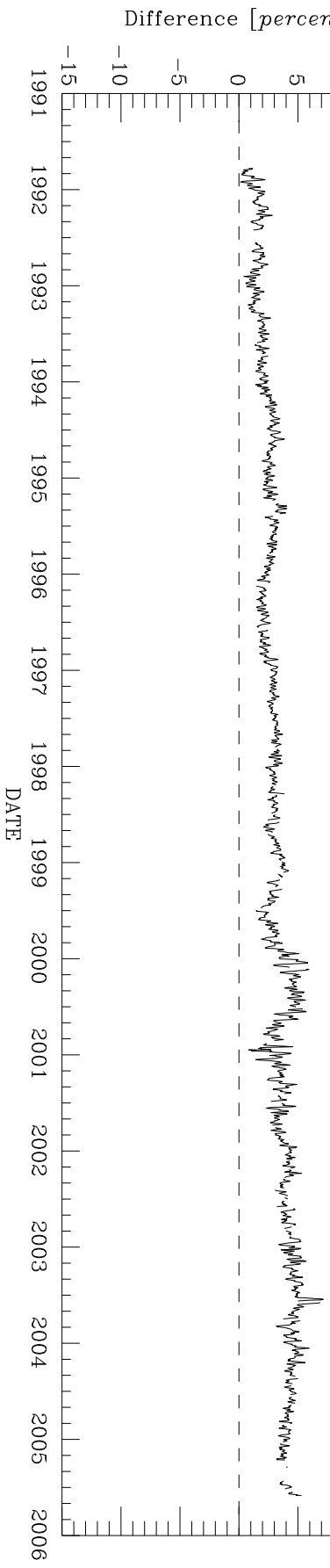
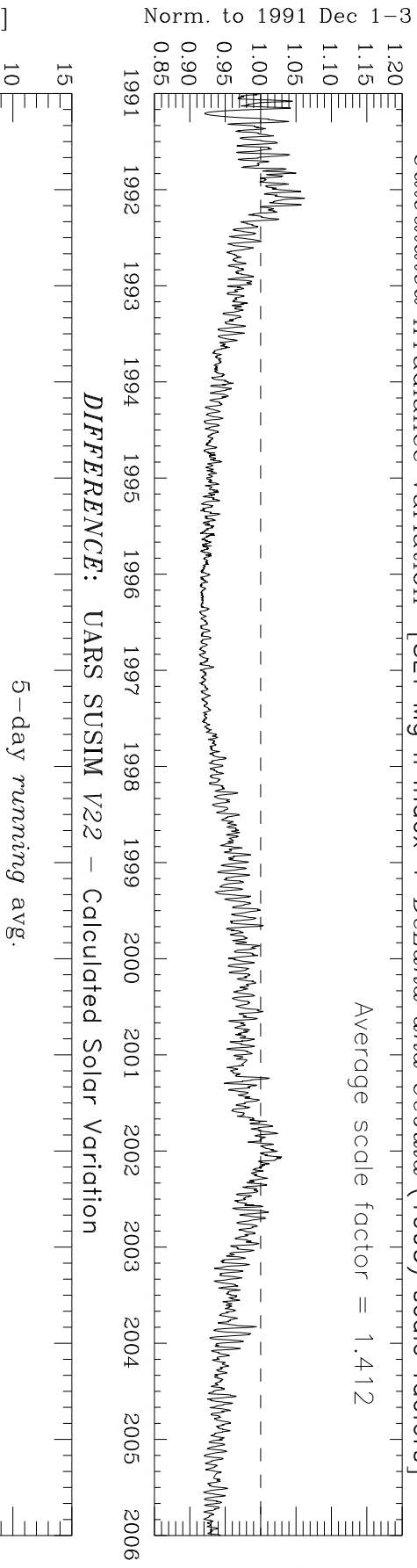
Calculated Irradiance Variation [SET Mg II index + Woods *et al.* (2000) contrast factors]
 Average contrast factors = 1.83, 7.99, 7.96



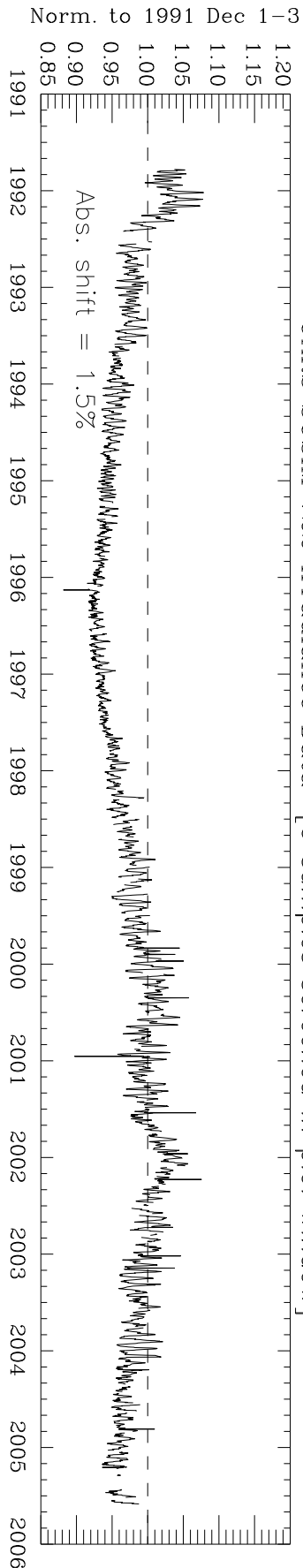
Solar Irradiance Comparison: 170–174 nm
 UARS SUSIM V22 Irradiance Data [0 samples screened in plot window]



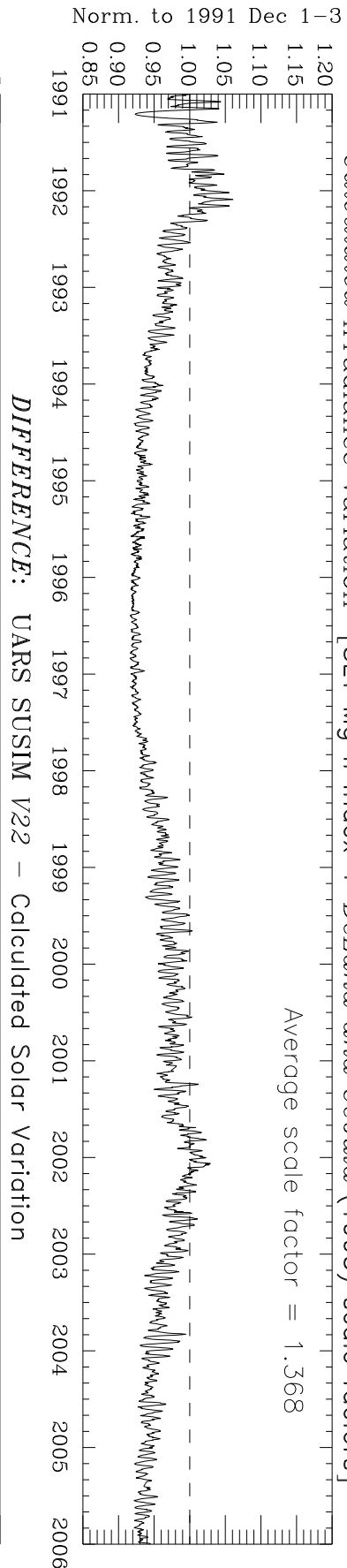
Calculated Irradiance Variation [SET Mg II index + Deland and Cebula (1993) scale factors]
 Average scale factor = 1.412



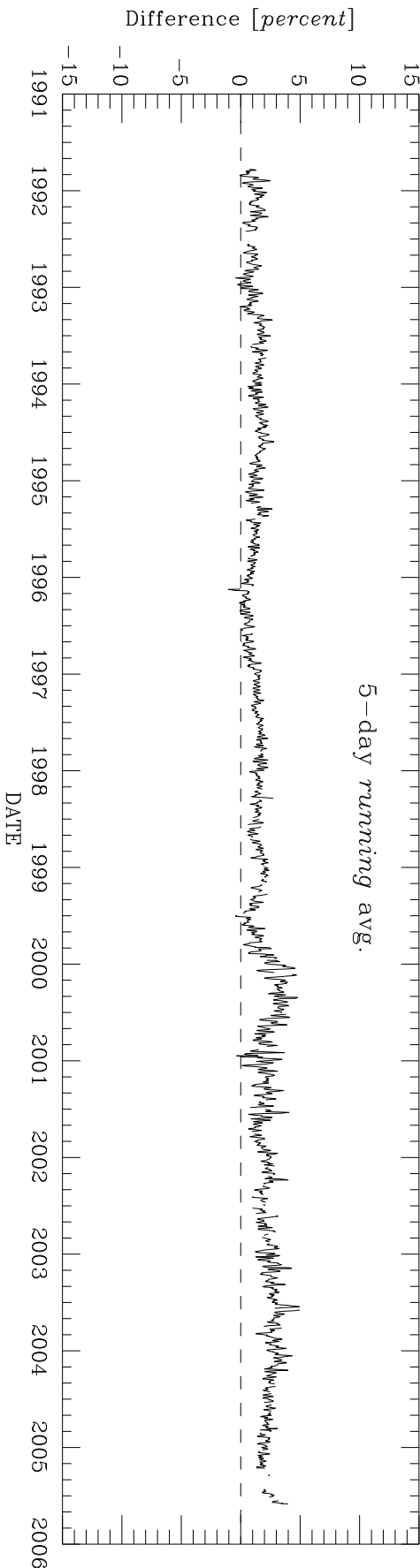
Solar Irradiance Comparison: 175–179 nm
 UARS SUSIM V22 Irradiance Data [0 samples screened in plot window]



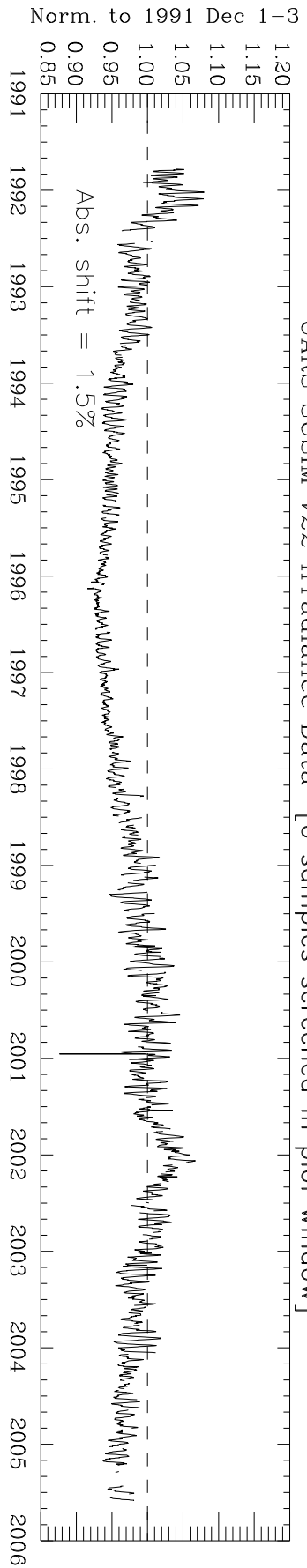
Calculated Irradiance Variation [SET Mg II index + Deland and Cebula (1993) scale factors]
 Average scale factor = 1.368



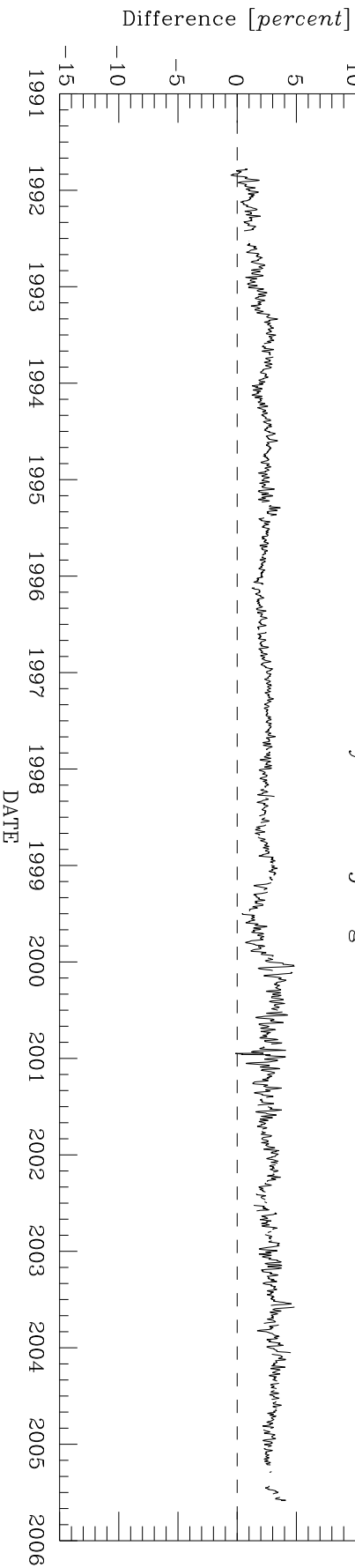
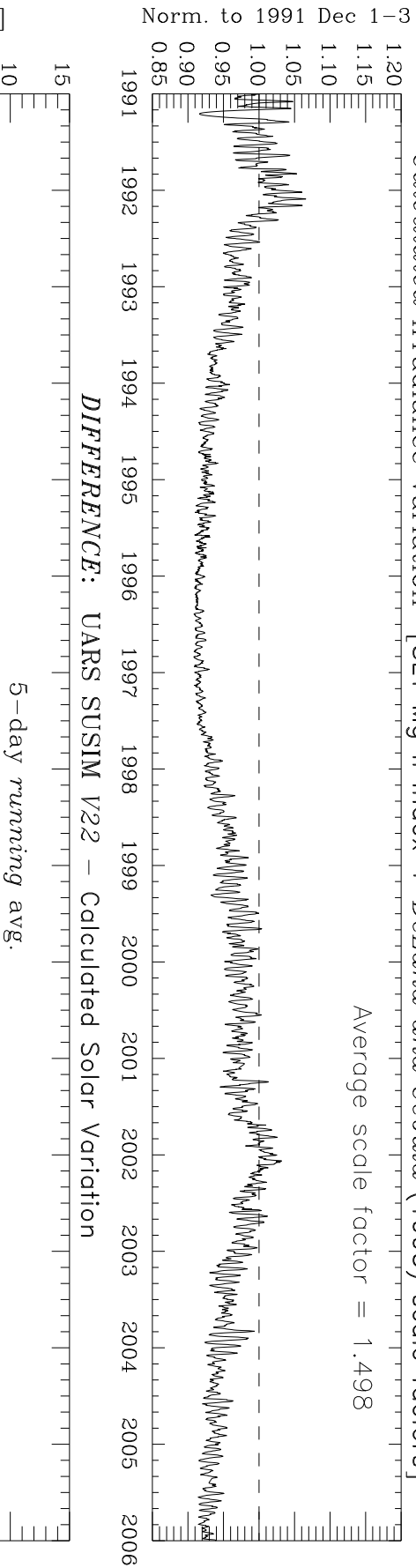
DIFFERENCE: UARS SUSIM V22 – Calculated Solar Variation
 5-day running avg.



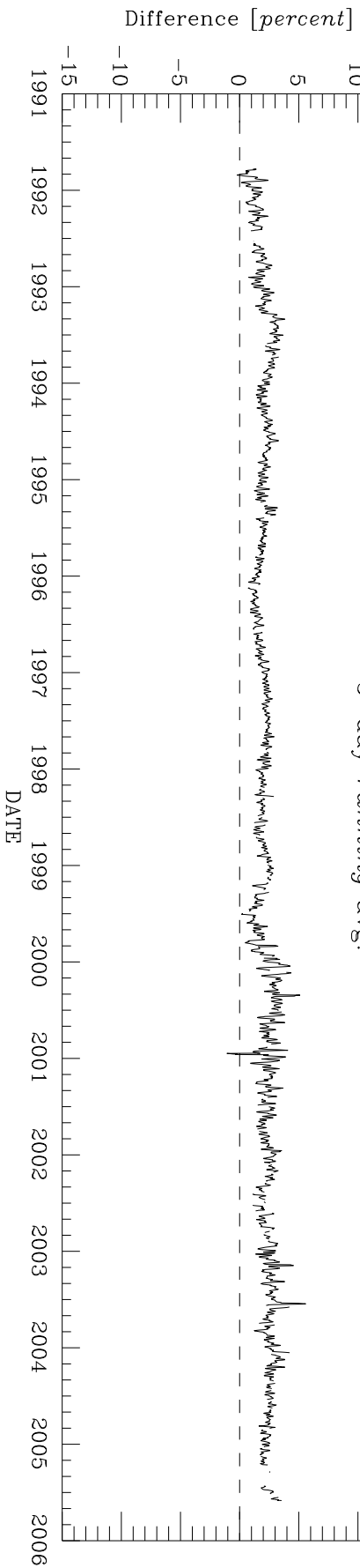
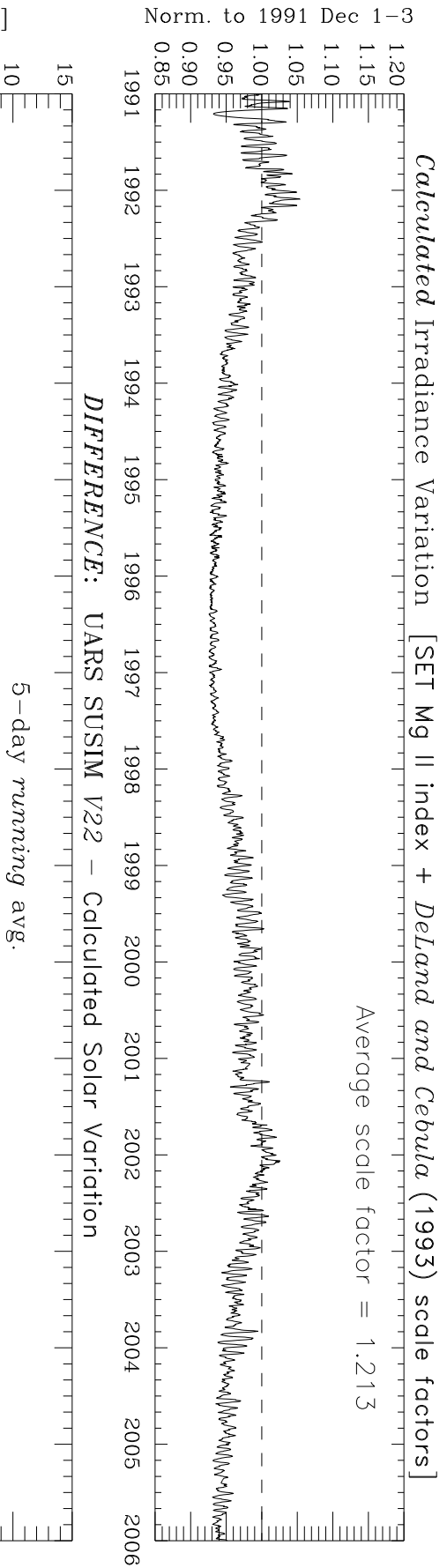
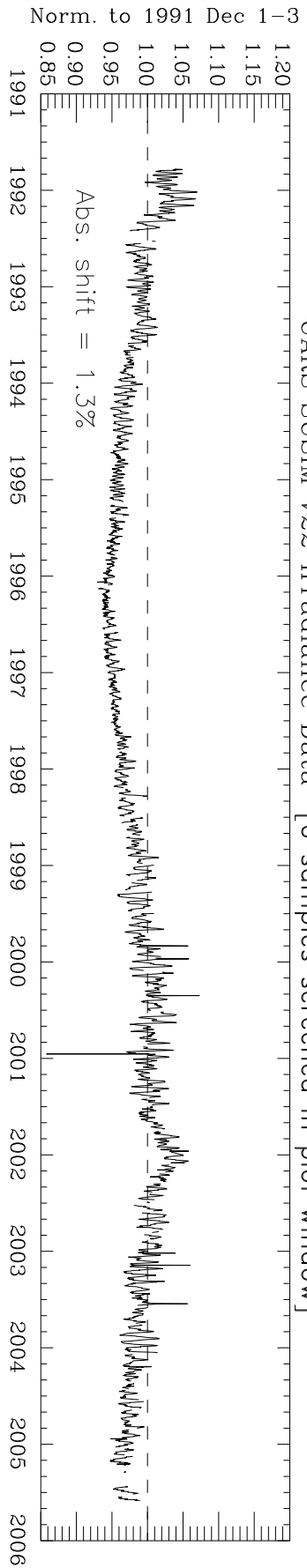
Solar Irradiance Comparison: 180–184 nm
 UARS SUSIM V22 Irradiance Data [0 samples screened in plot window]



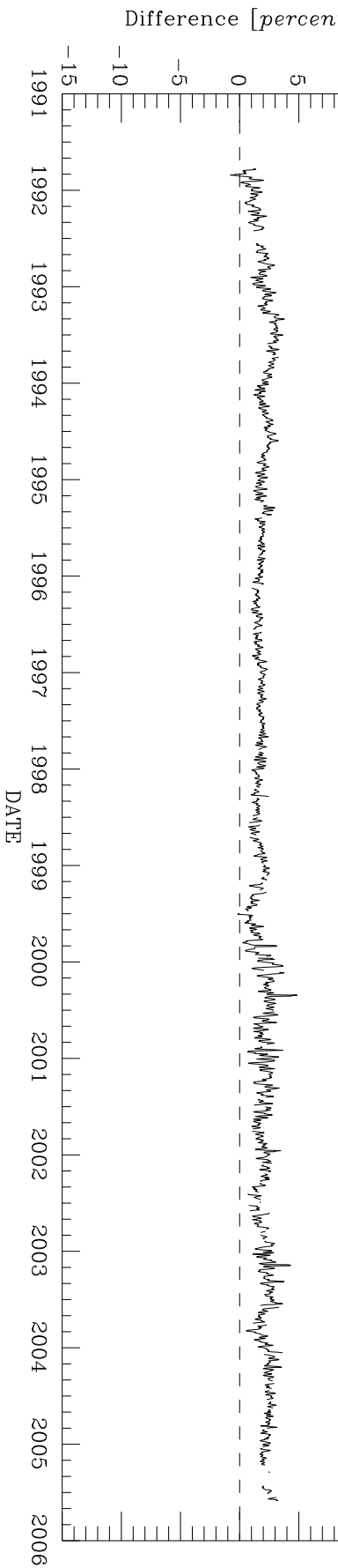
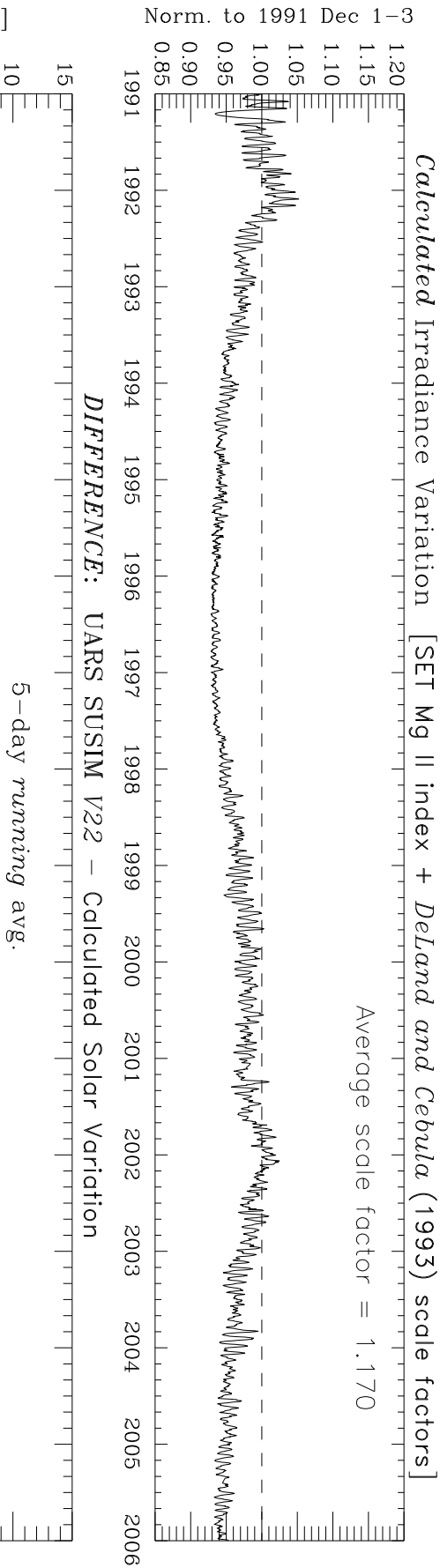
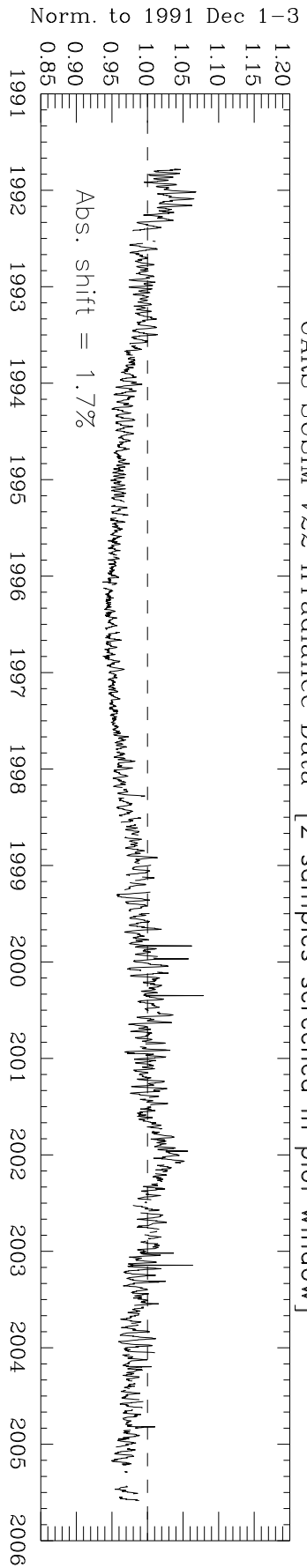
Calculated Irradiance Variation [SET Mg II index + Deland and Cebula (1993) scale factors]
 Average scale factor = 1.498



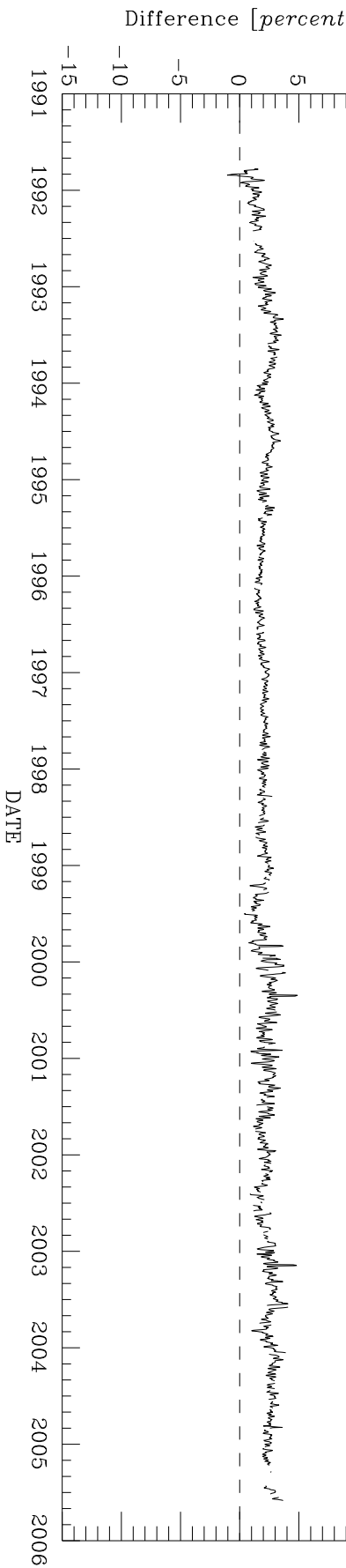
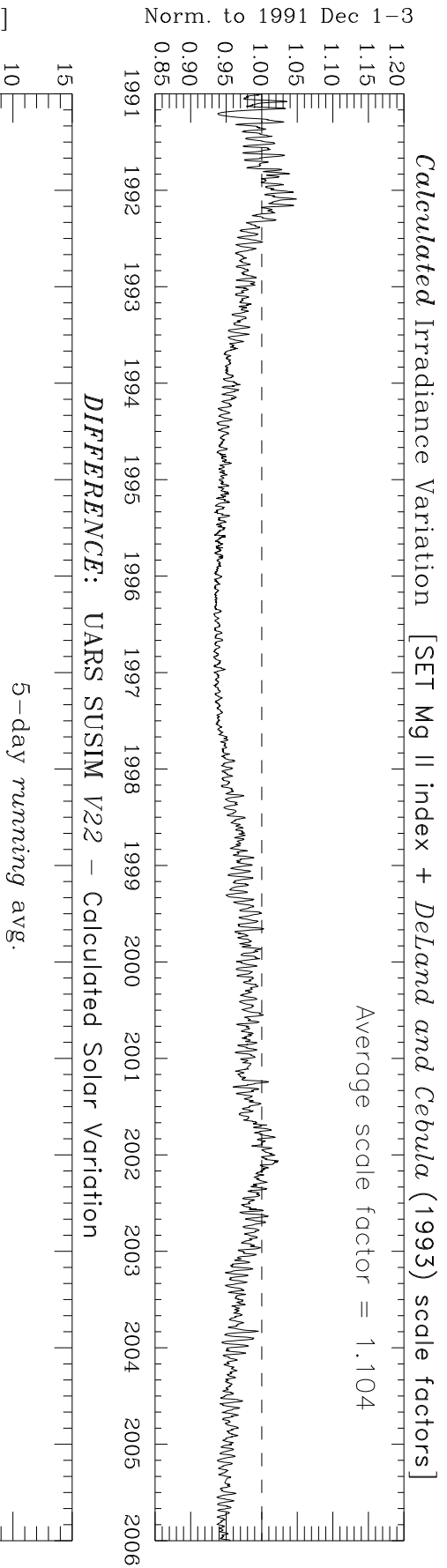
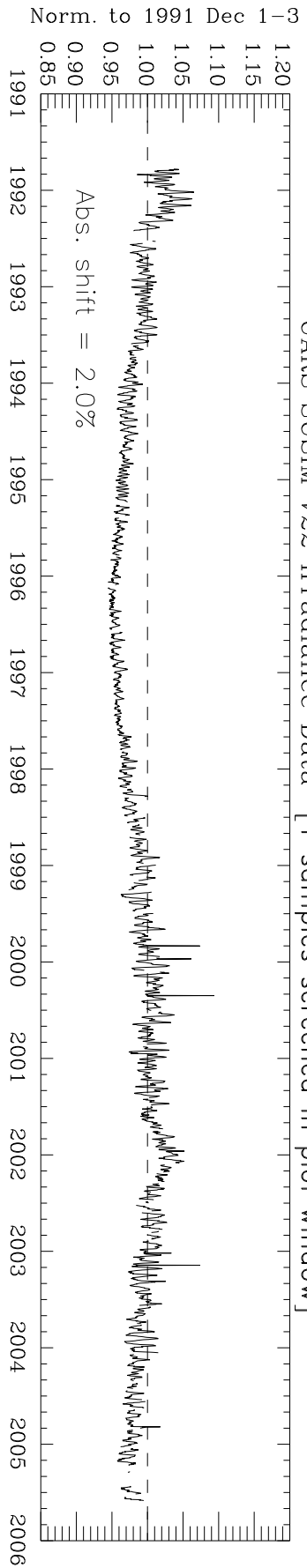
Solar Irradiance Comparison: 185–189 nm
 UARS SUSIM V22 Irradiance Data [0 samples screened in plot window]



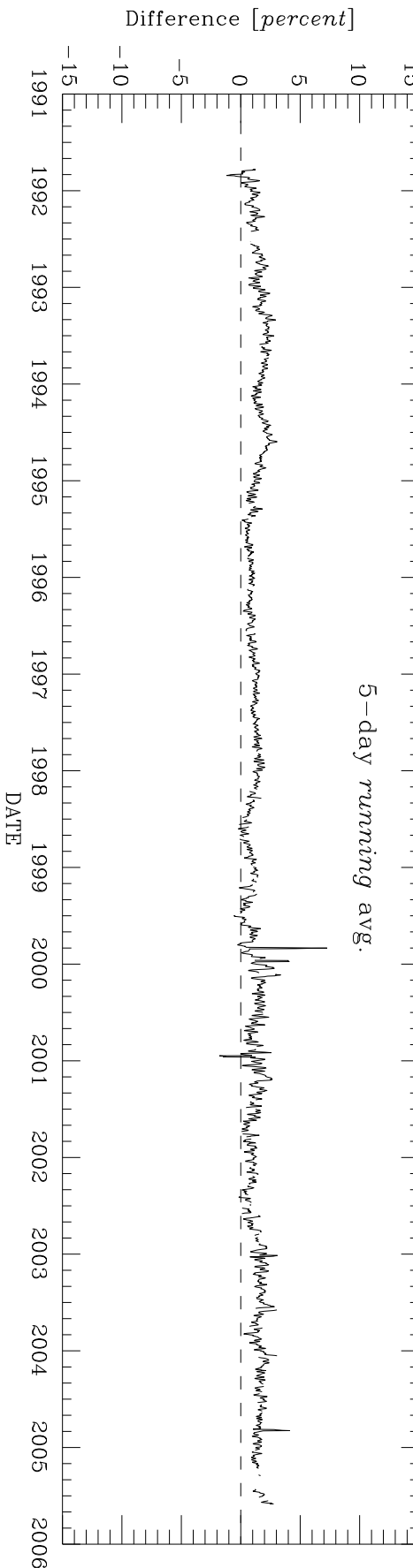
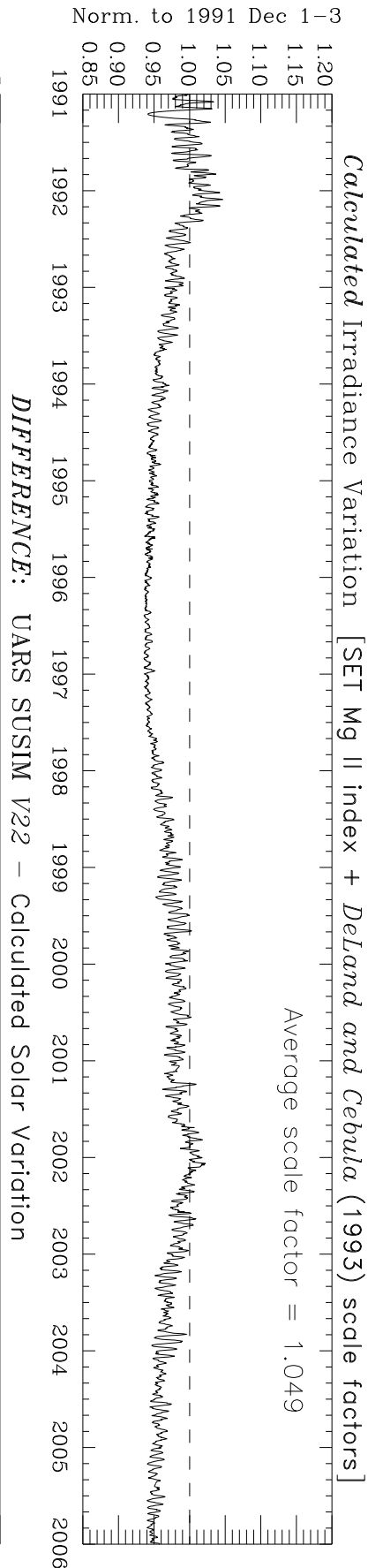
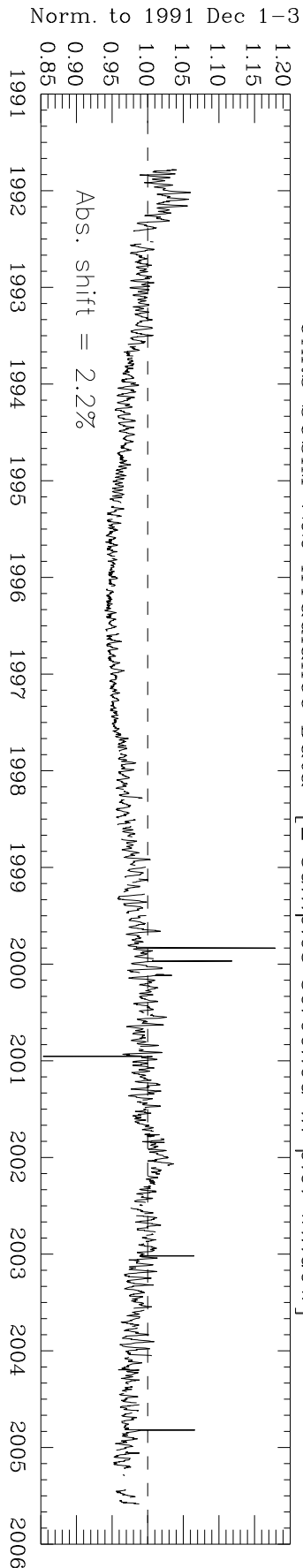
Solar Irradiance Comparison: 190–194 nm
 UARS SUSIM V22 Irradiance Data [2 samples screened in plot window]



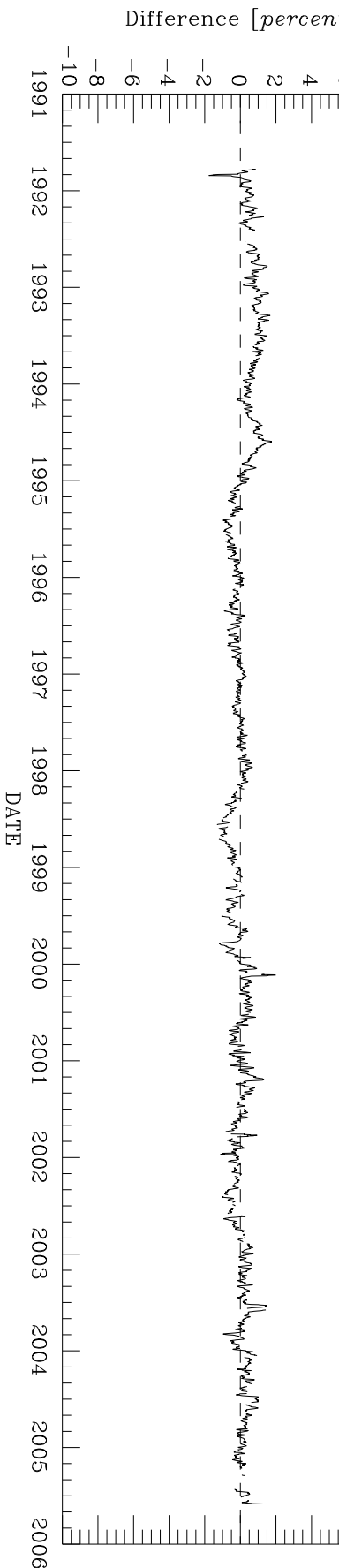
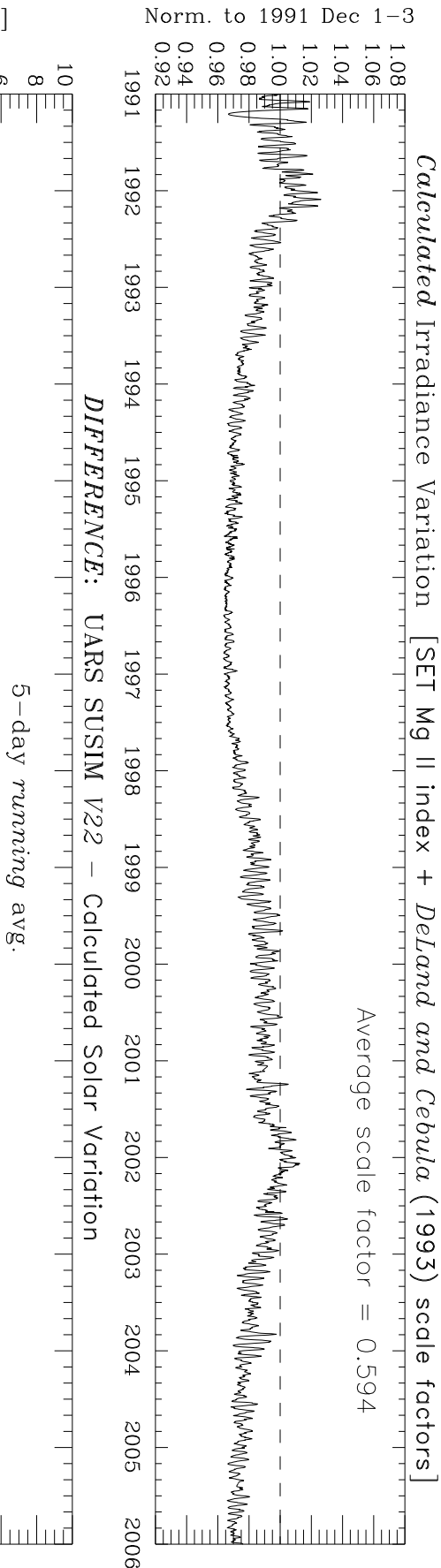
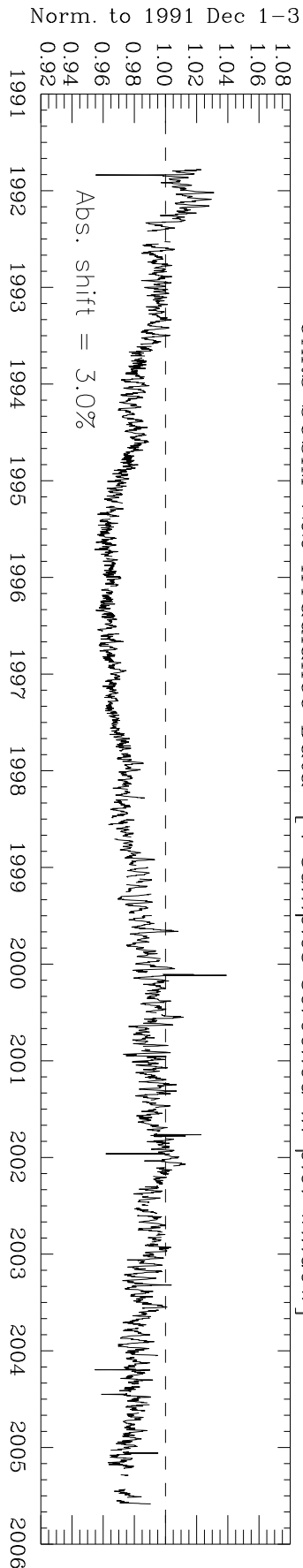
Solar Irradiance Comparison: 195–199 nm
 UARS SUSIM V22 Irradiance Data [1 samples screened in plot window]



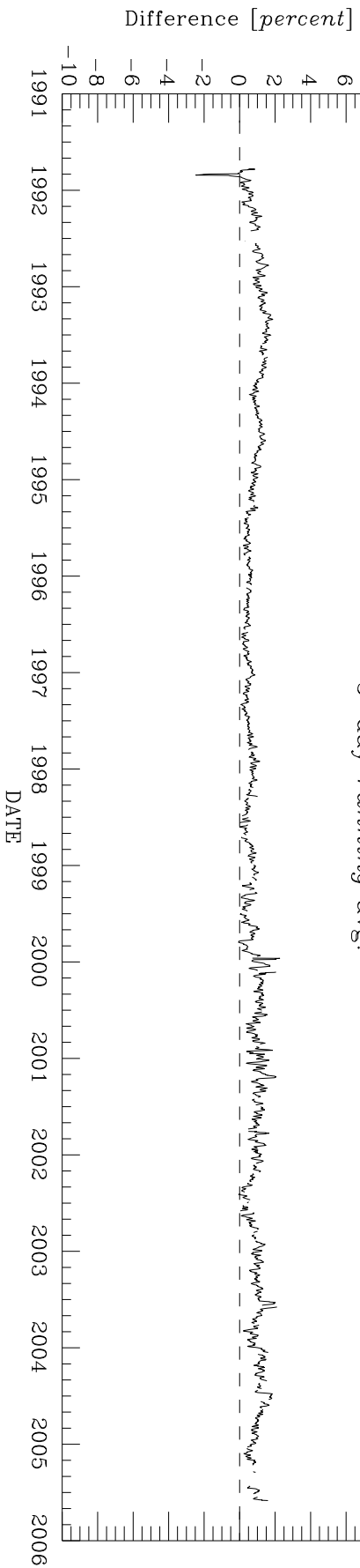
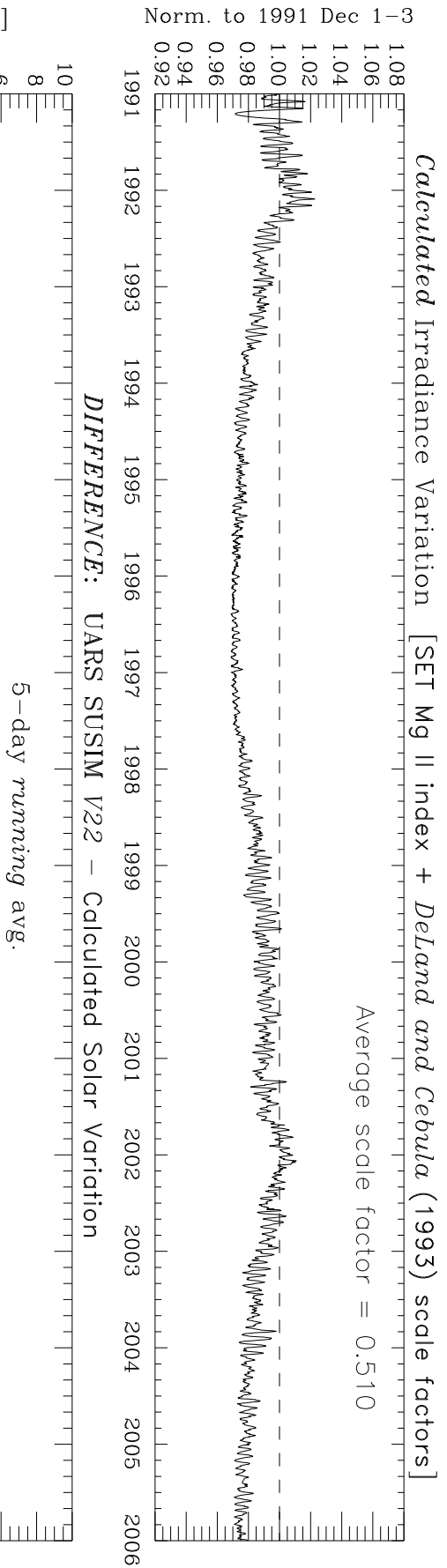
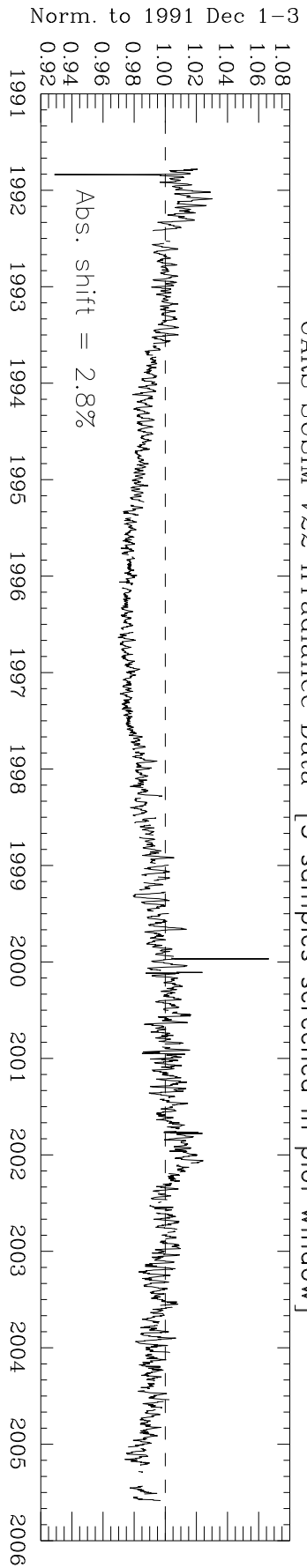
Solar Irradiance Comparison: 200–207 nm
 UARS SUSIM V22 Irradiance Data [2 samples screened in plot window]



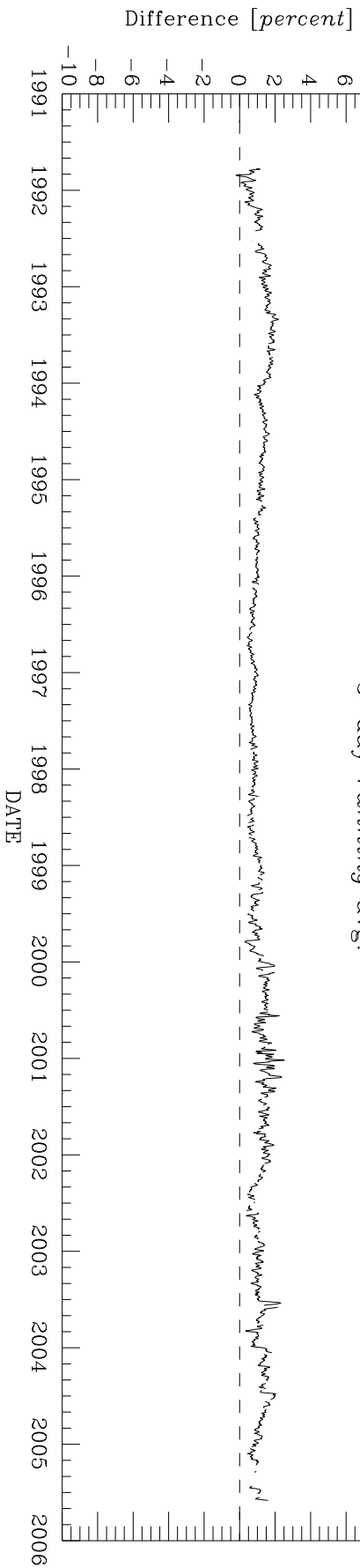
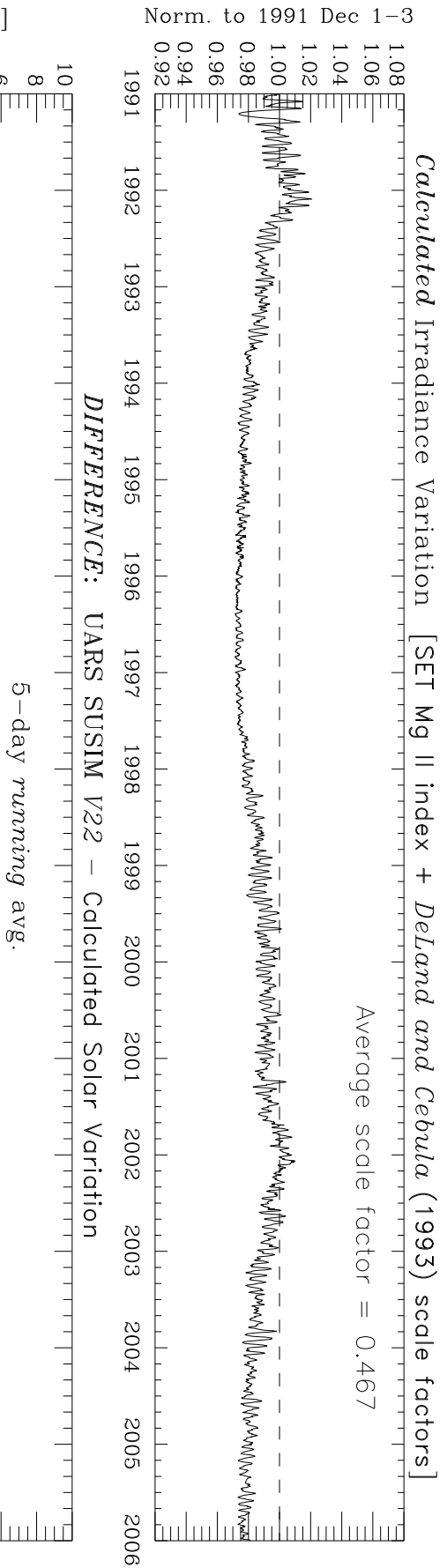
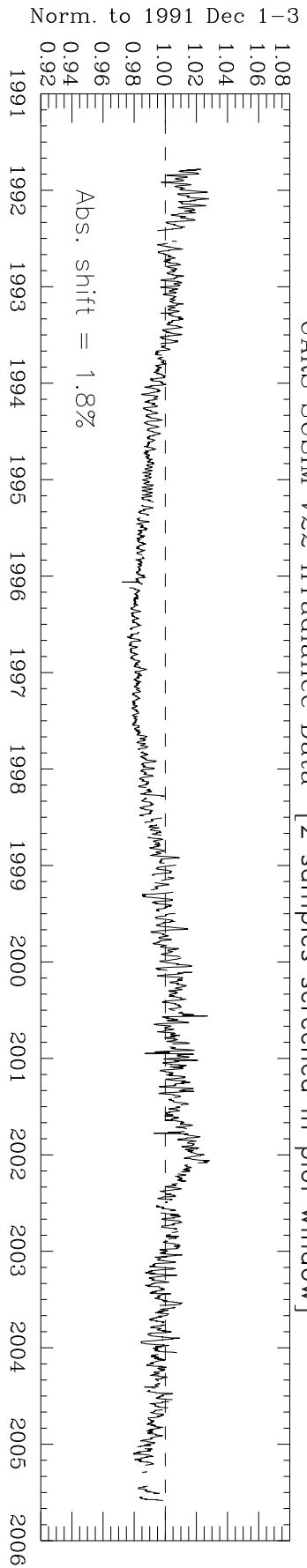
Solar Irradiance Comparison: 208–214 nm
 UARS SUSIM V22 Irradiance Data [4 samples screened in plot window]



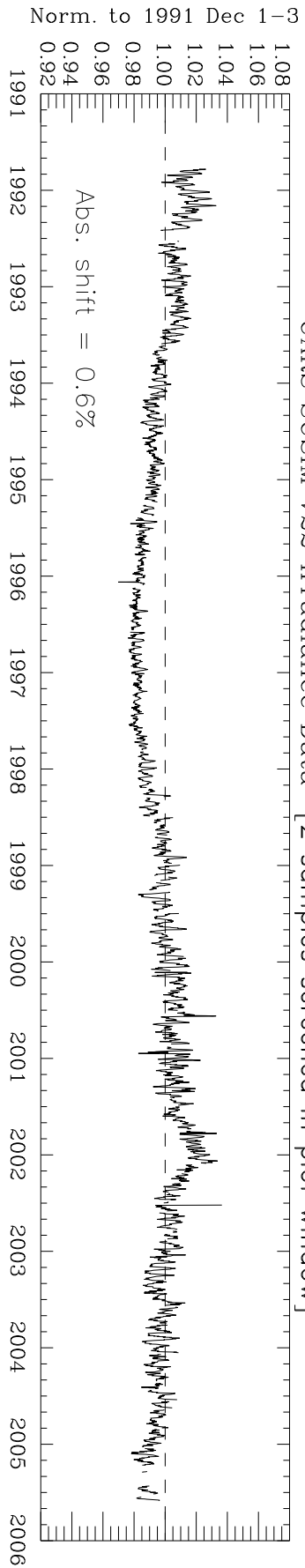
Solar Irradiance Comparison: 215–219 nm
 UARS SUSIM V22 Irradiance Data [3 samples screened in plot window]



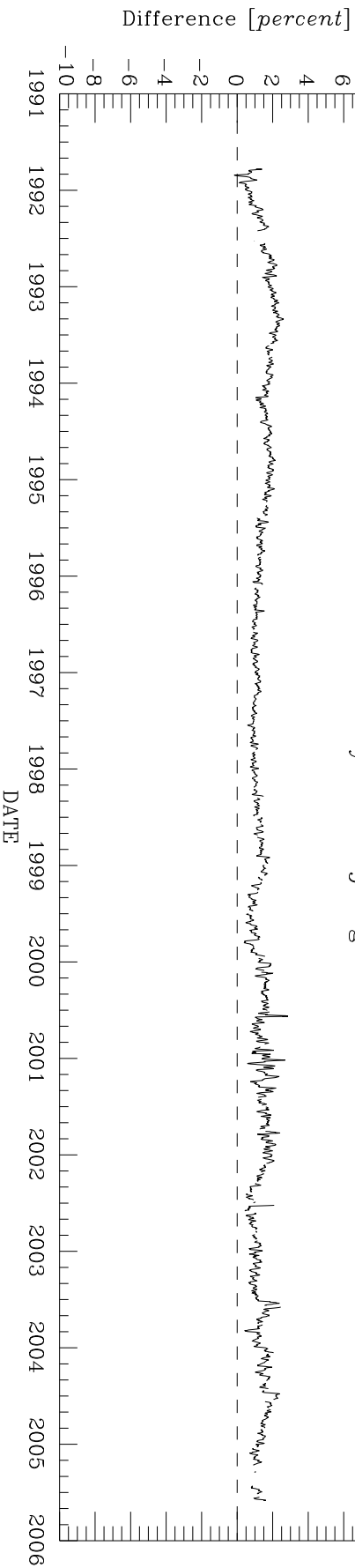
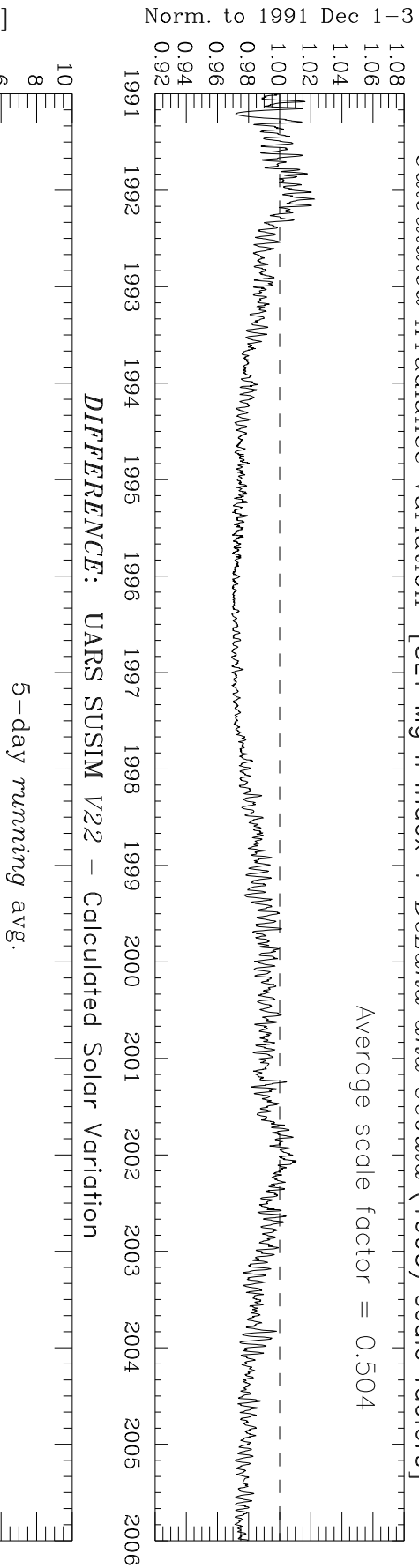
Solar Irradiance Comparison: 220–224 nm
 UARS SUSIM V22 Irradiance Data [2 samples screened in plot window]



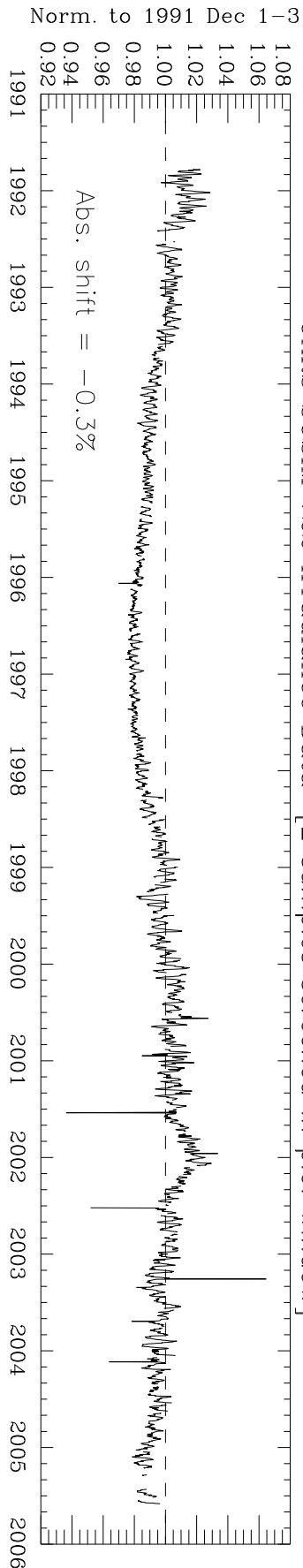
Solar Irradiance Comparison: 225–229 nm
 UARS SUSIM V22 Irradiance Data [2 samples screened in plot window]



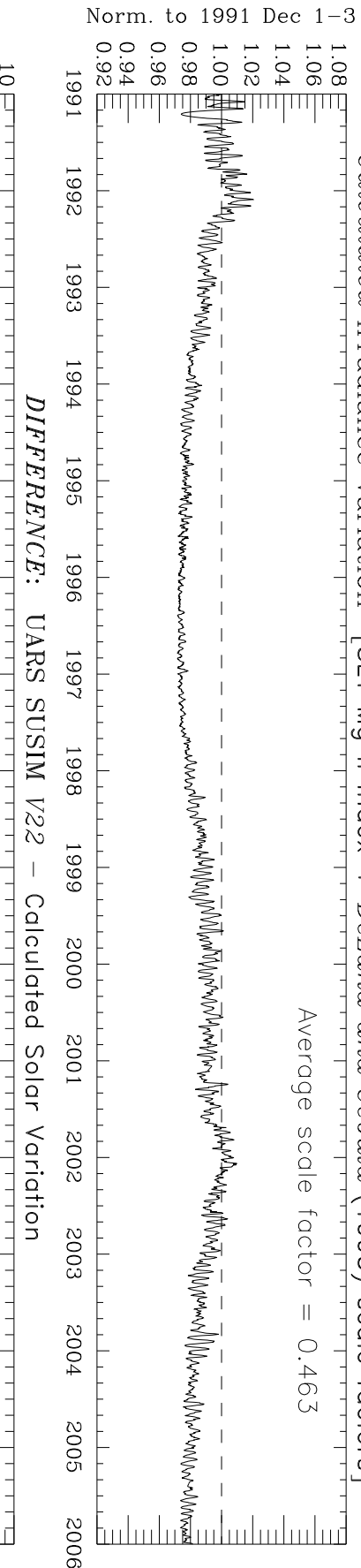
Calculated Irradiance Variation [SET Mg II index + Deland and Cebula (1993) scale factors]
 Average scale factor = 0.504



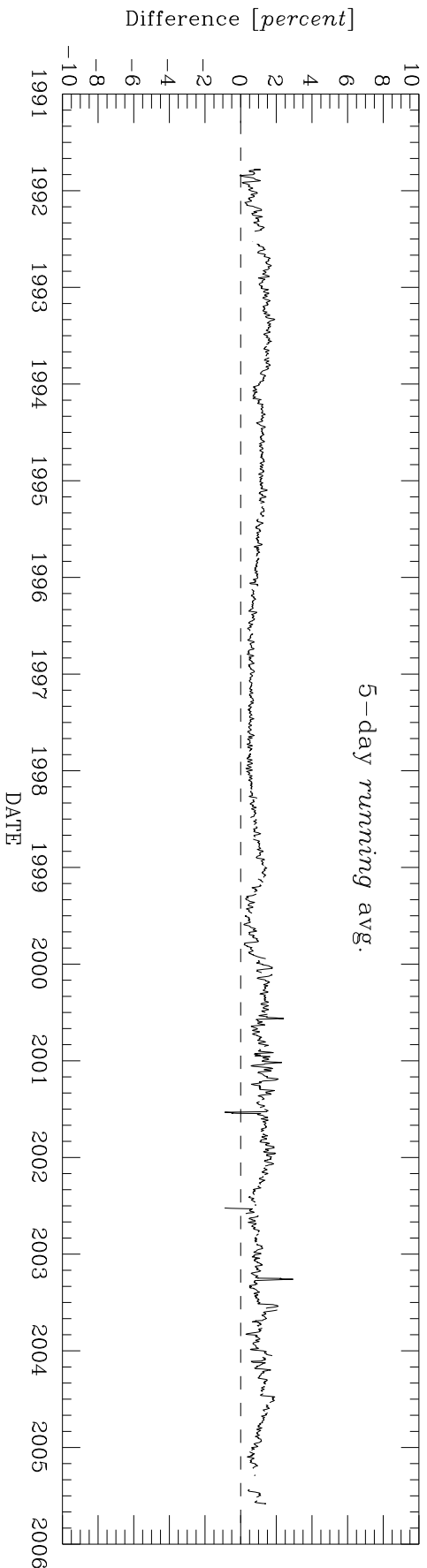
Solar Irradiance Comparison: 230–234 nm
 UARS SUSIM V22 Irradiance Data [2 samples screened in plot window]



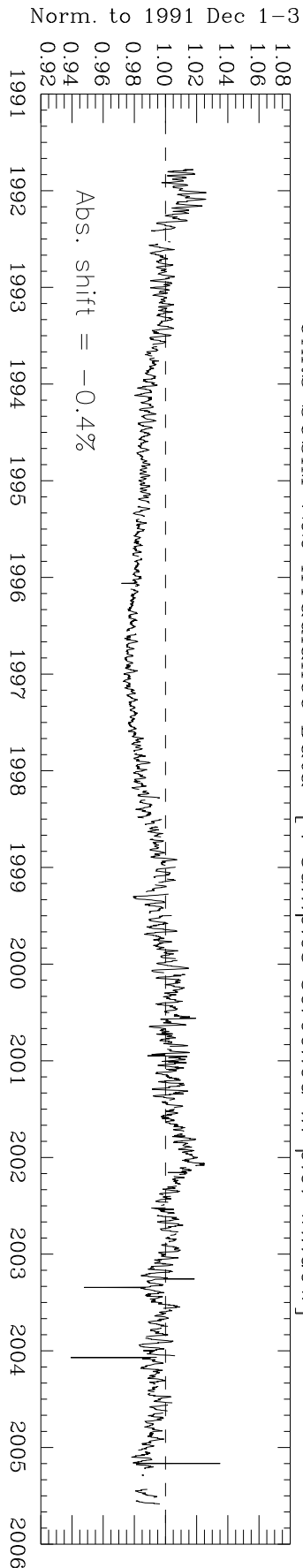
Calculated Irradiance Variation [SET Mg II index + Deland and Cebula (1993) scale factors]
 Average scale factor = 0.463



DIFFERENCE: UARS SUSIM V22 - Calculated Solar Variation
 5-day running avg.

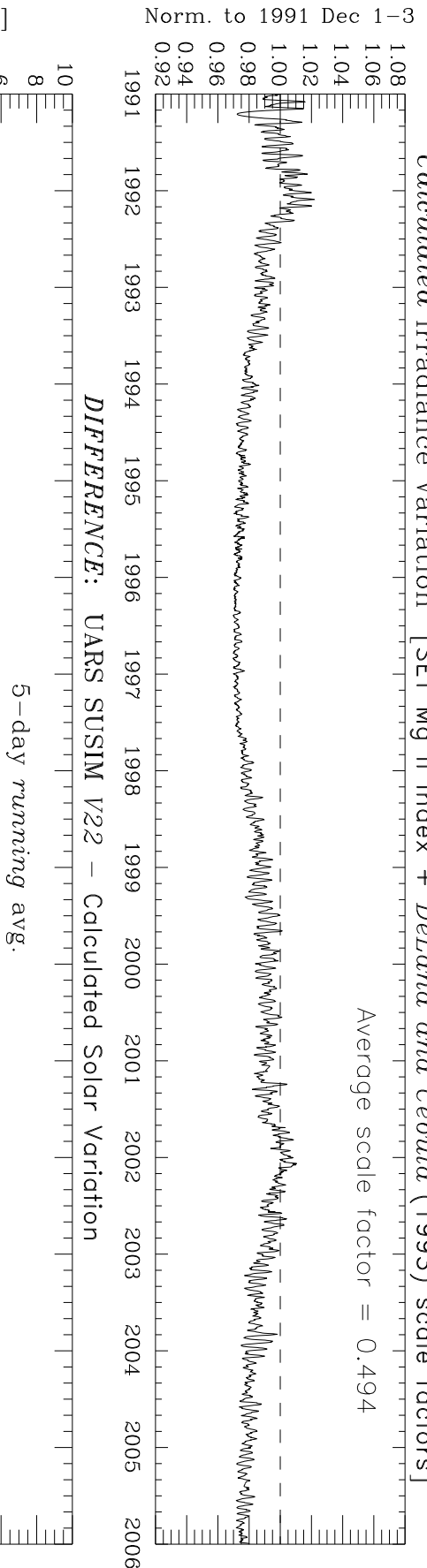


Solar Irradiance Comparison: 235–239 nm
 UARS SUSIM V22 Irradiance Data [4 samples screened in plot window]

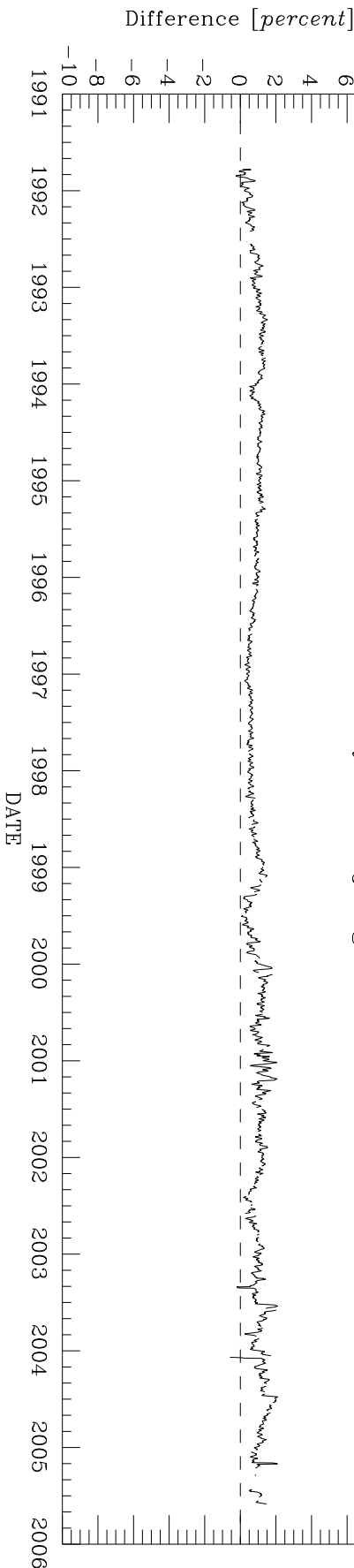


Abs. shift = -0.4%

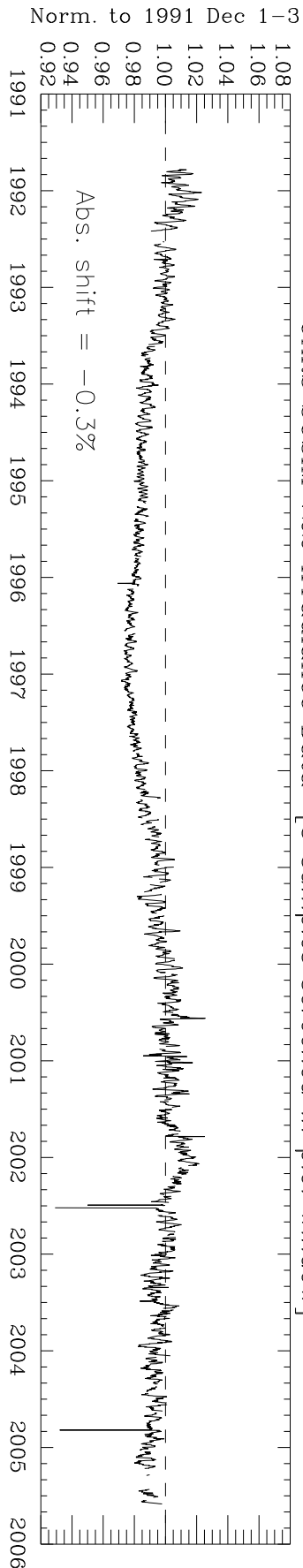
Calculated Irradiance Variation [SET Mg II index + Deland and Cebula (1993) scale factors]
 Average scale factor = 0.494



5-day running avg.

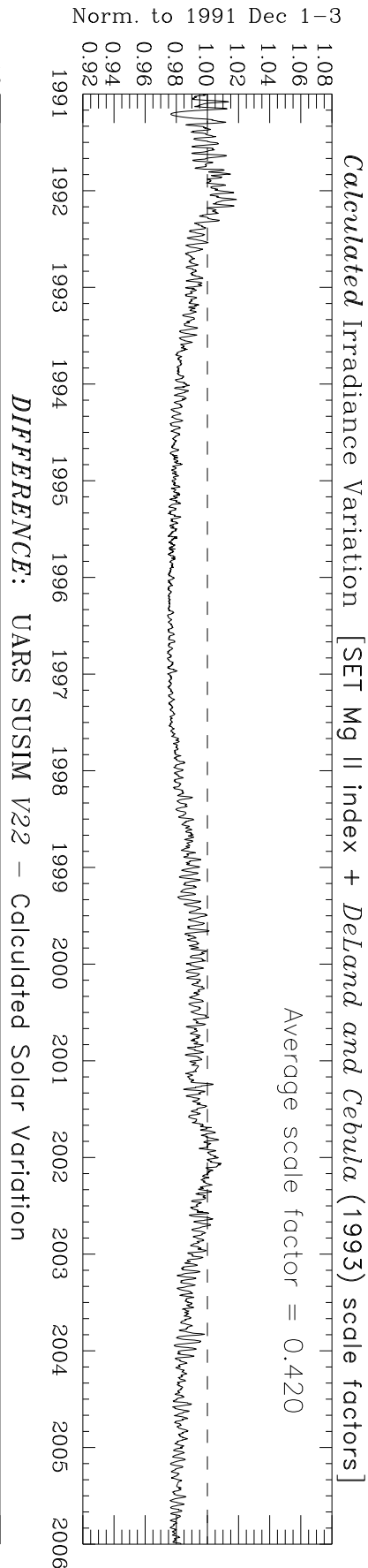


Solar Irradiance Comparison: 240–244 nm
 UARS SUSIM V22 Irradiance Data [5 samples screened in plot window]



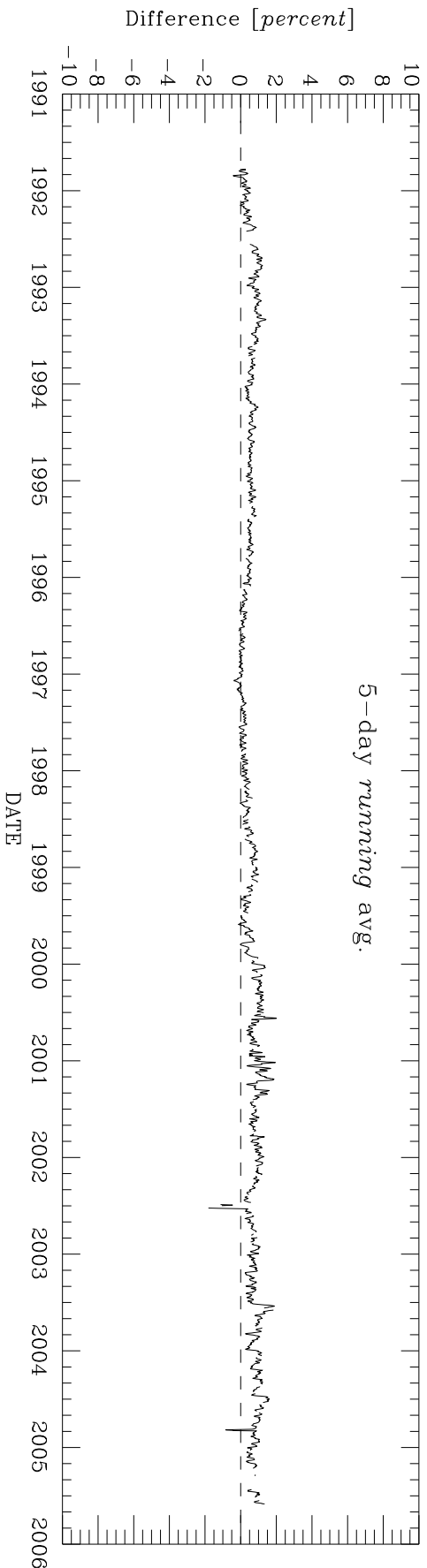
Abs. shift = -0.3%

Average scale factor = 0.420

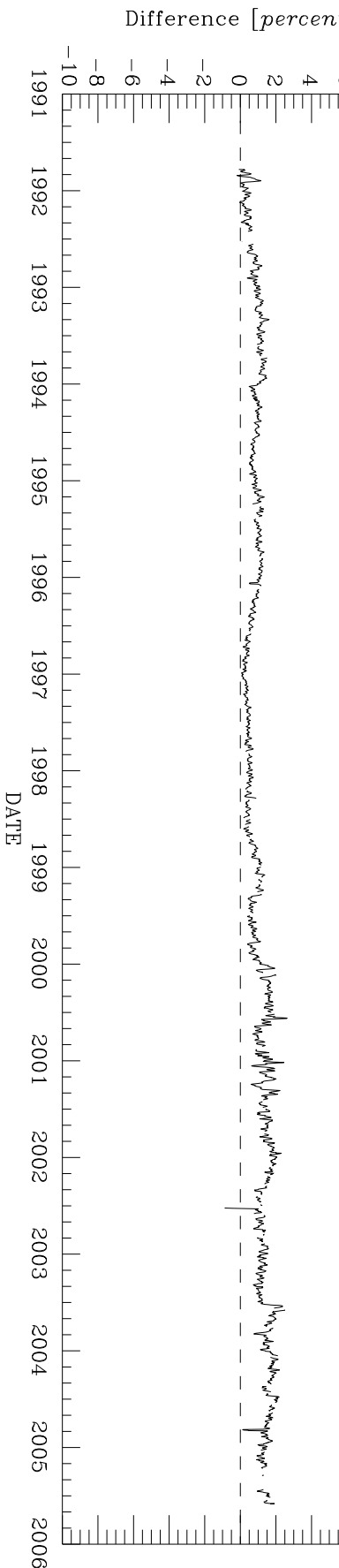
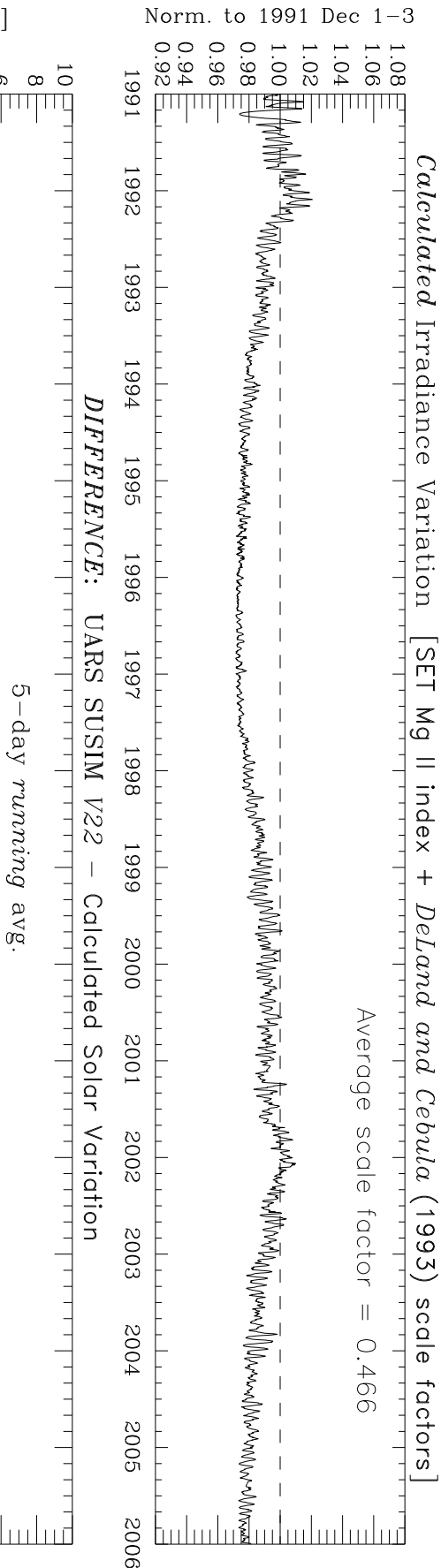
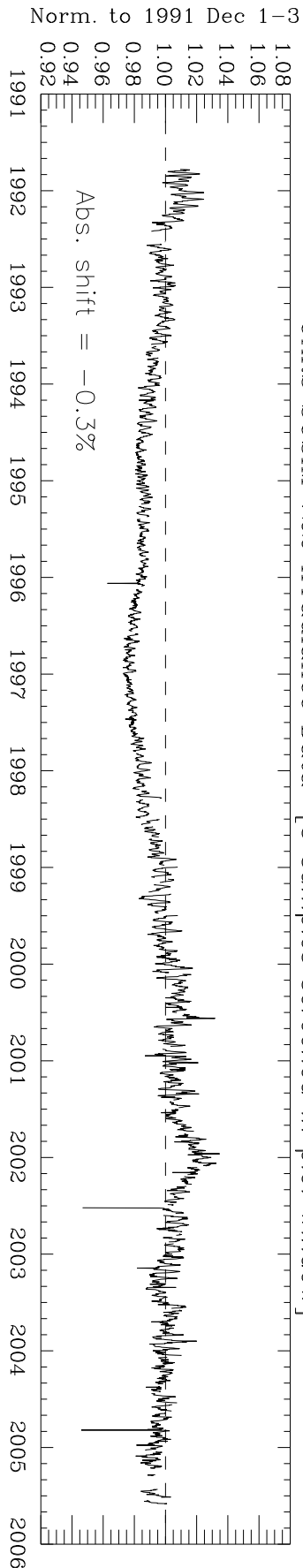


Calculated Irradiance Variation [SET Mg II index + Deland and Cebula (1993) scale factors]

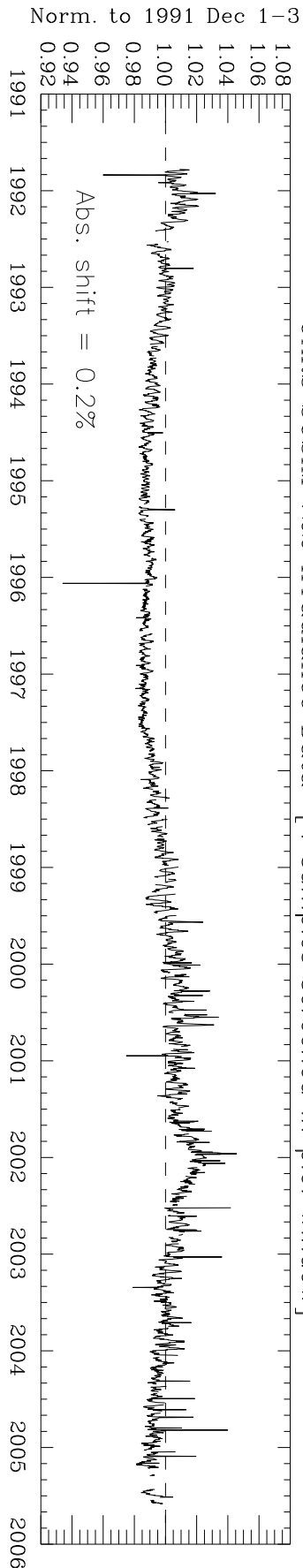
DIFFERENCE: UARS SUSIM V22 - Calculated Solar Variation
 5-day running avg.



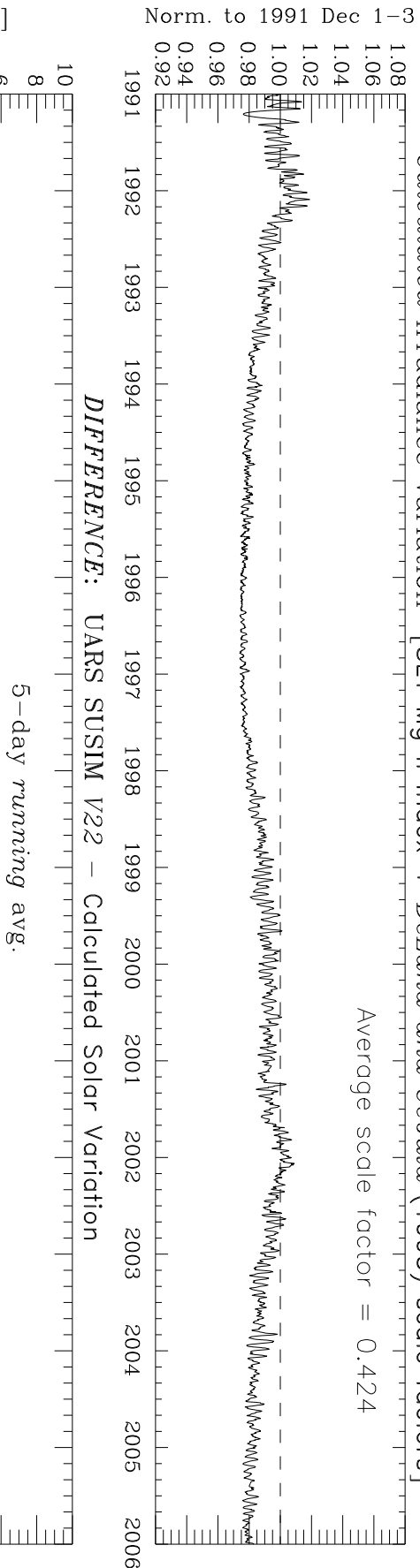
Solar Irradiance Comparison: 245–249 nm
 UARS SUSIM V22 Irradiance Data [3 samples screened in plot window]



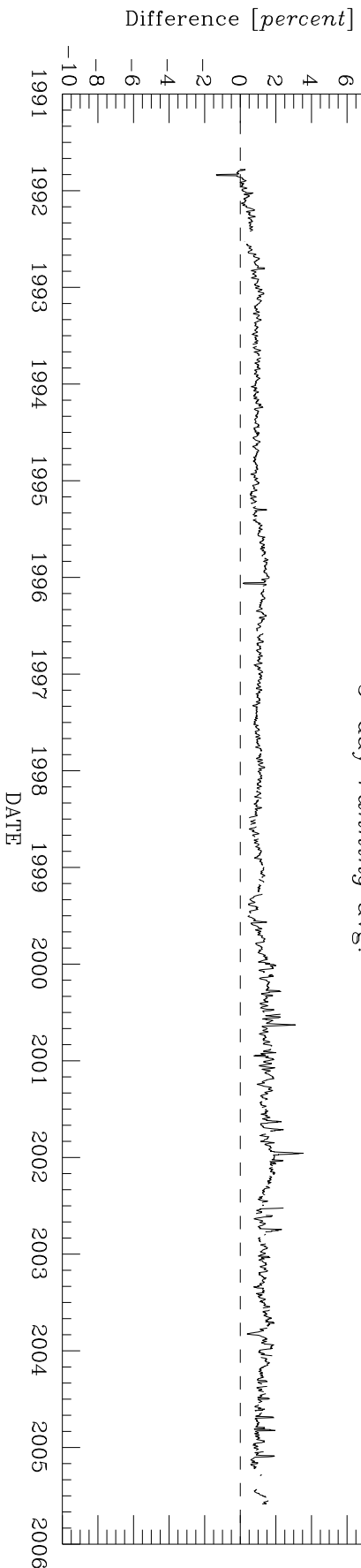
Solar Irradiance Comparison: 250–254 nm
 UARS SUSIM V22 Irradiance Data [4 samples screened in plot window]



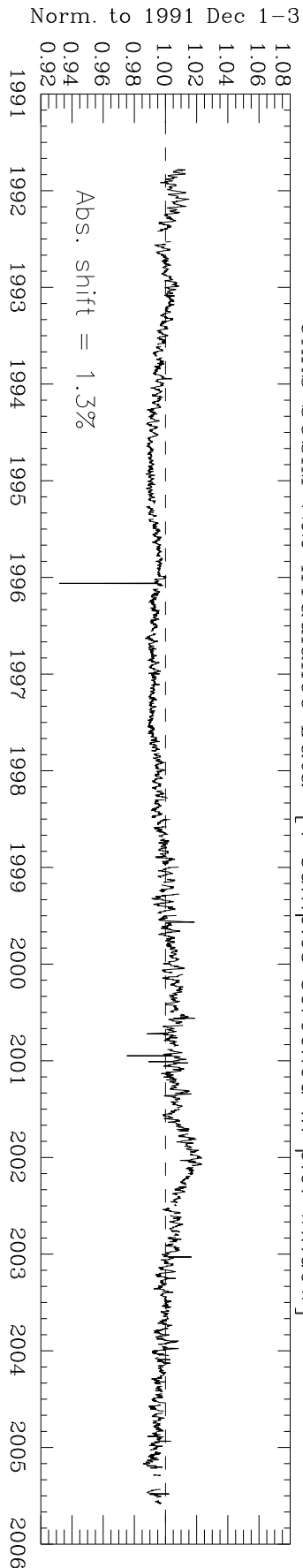
Calculated Irradiance Variation [SET Mg II index + Deland and Cebula (1993) scale factors]
 Average scale factor = 0.424



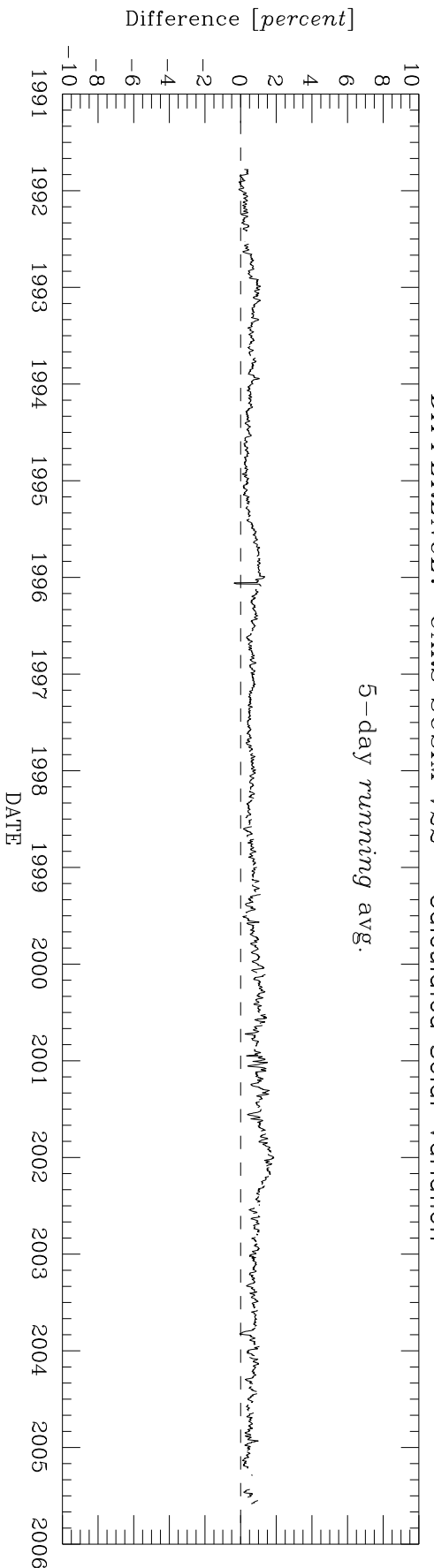
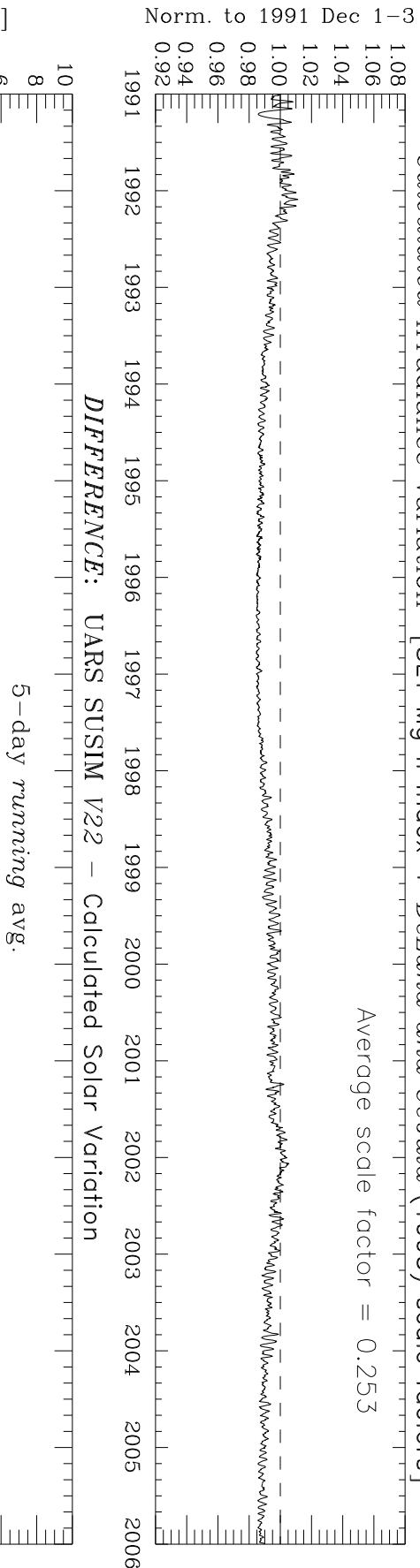
5-day running avg.



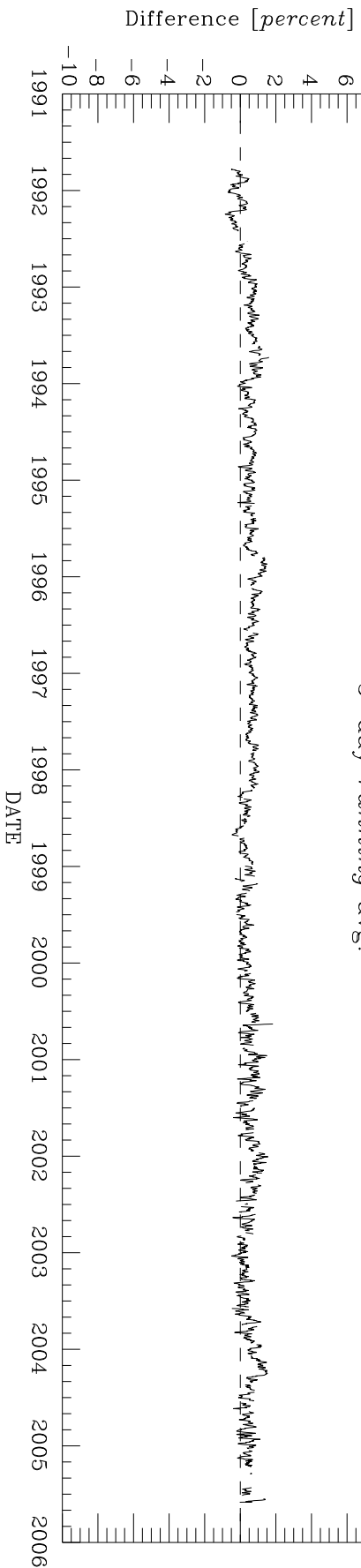
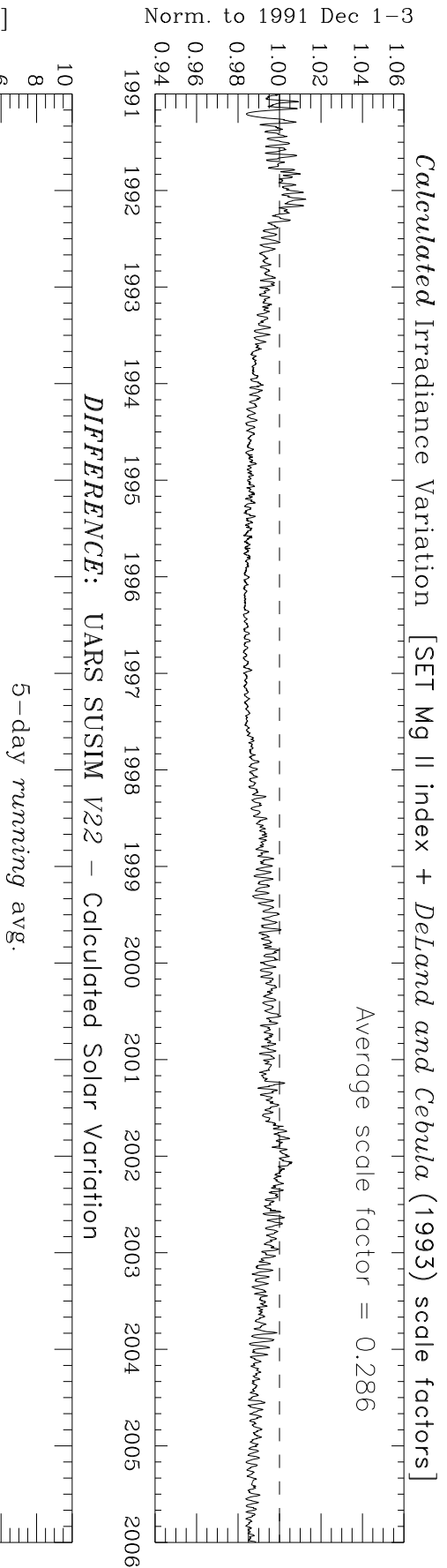
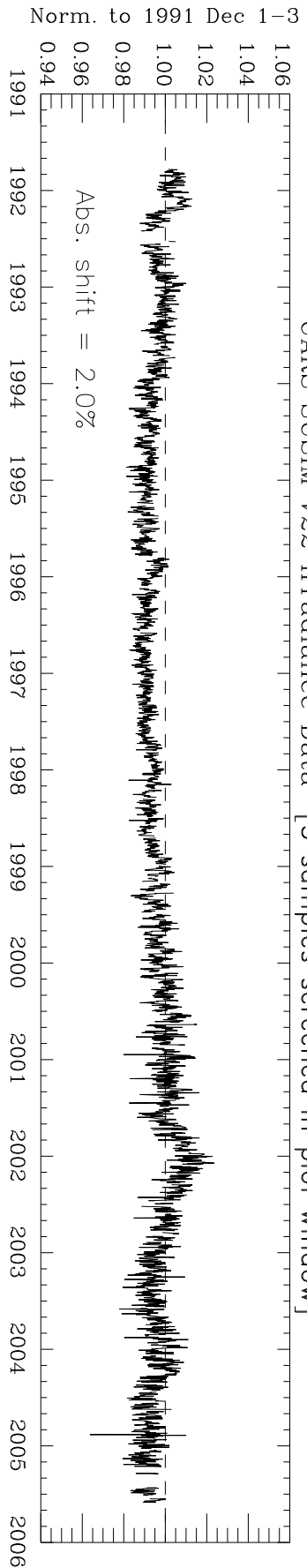
Solar Irradiance Comparison: 255–259 nm
 UARS SUSIM V22 Irradiance Data [1 samples screened in plot window]



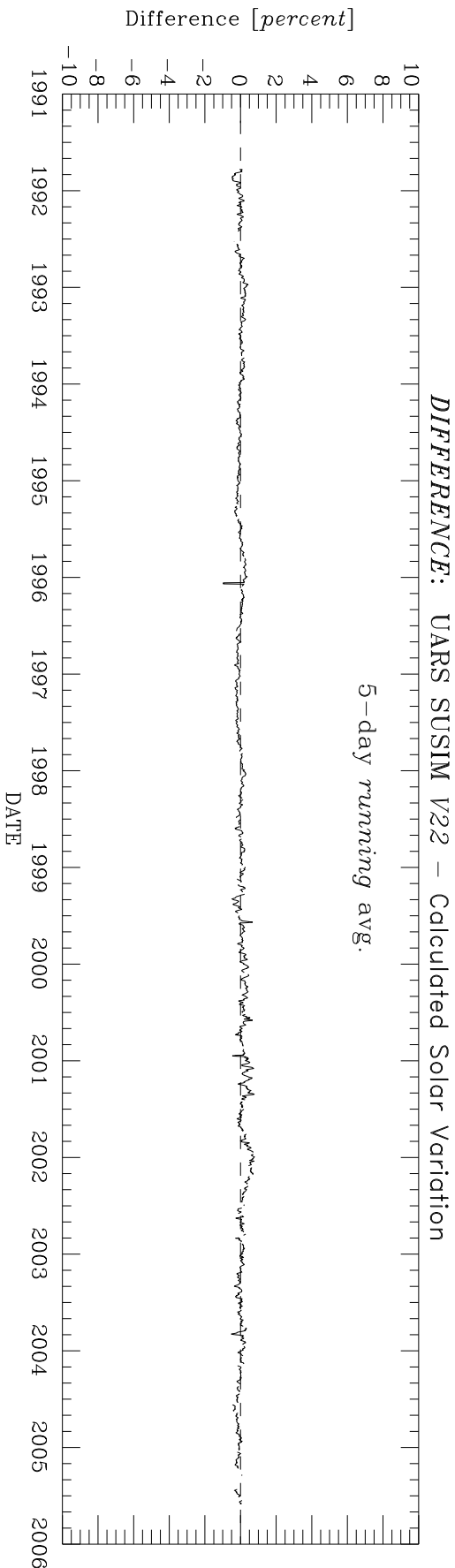
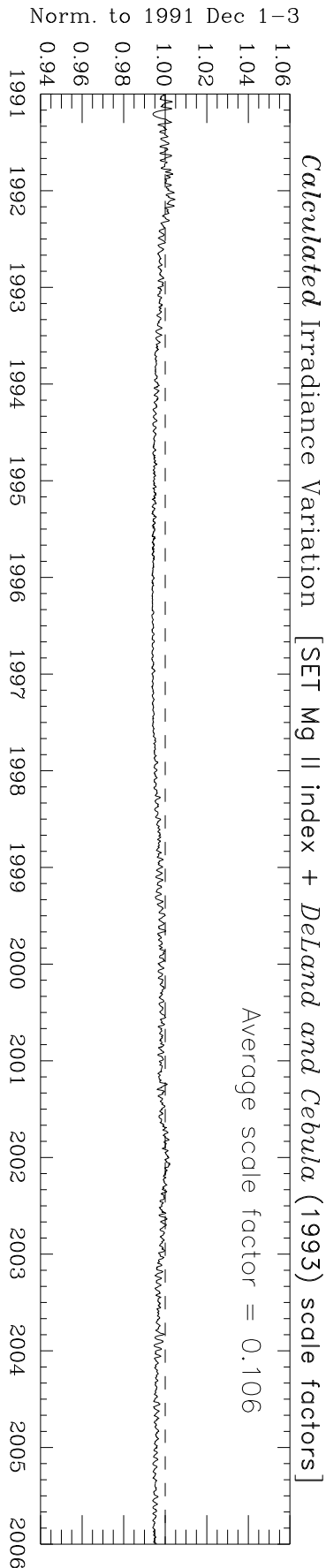
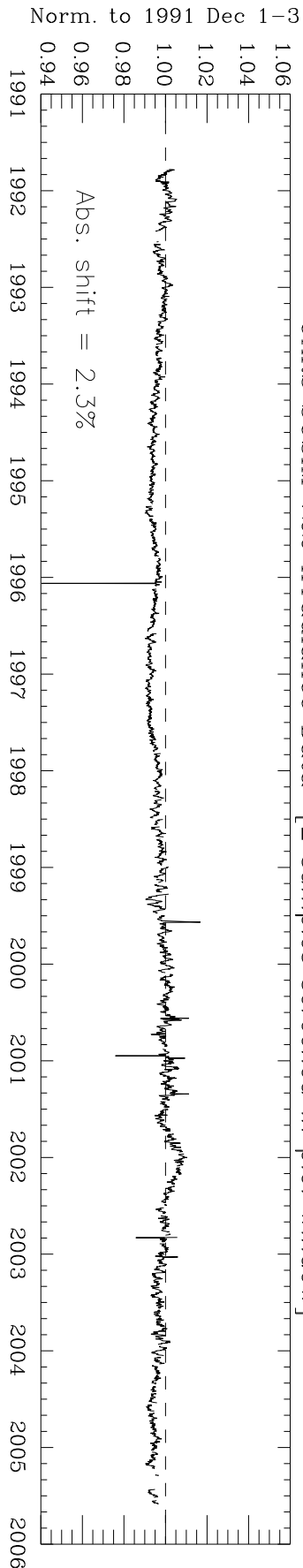
Calculated Irradiance Variation [SET Mg II index + Deland and Cebula (1993) scale factors]
 Average scale factor = 0.253



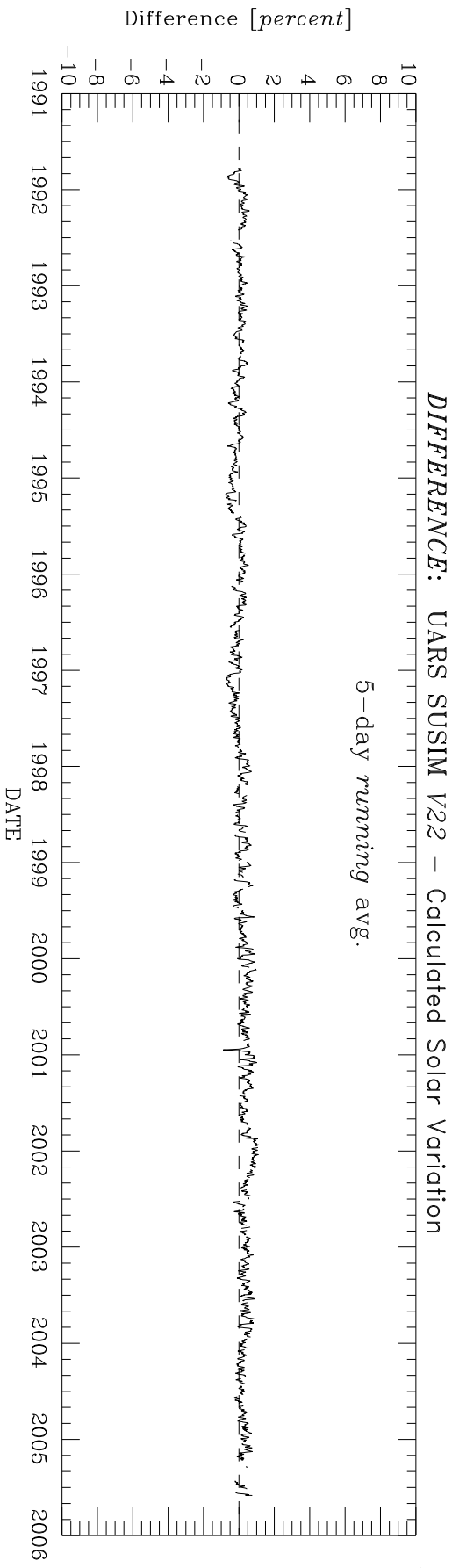
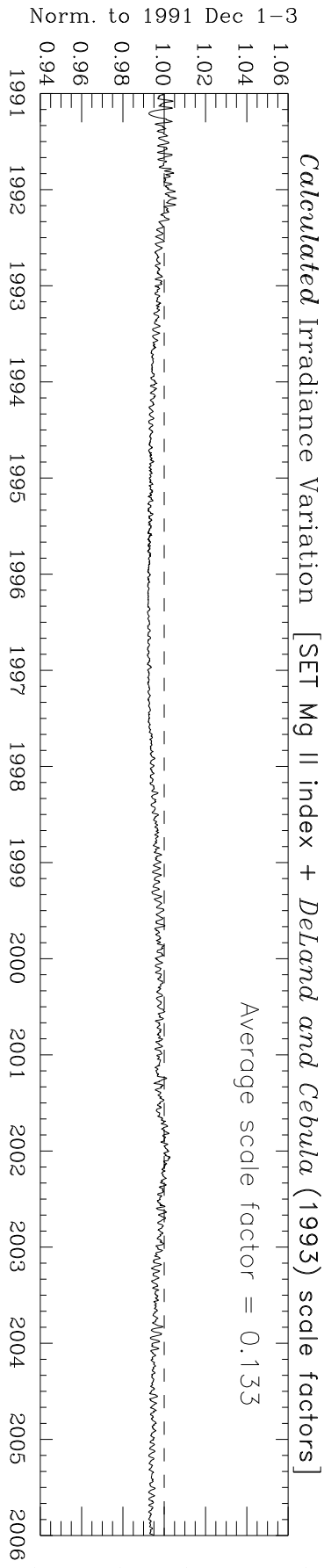
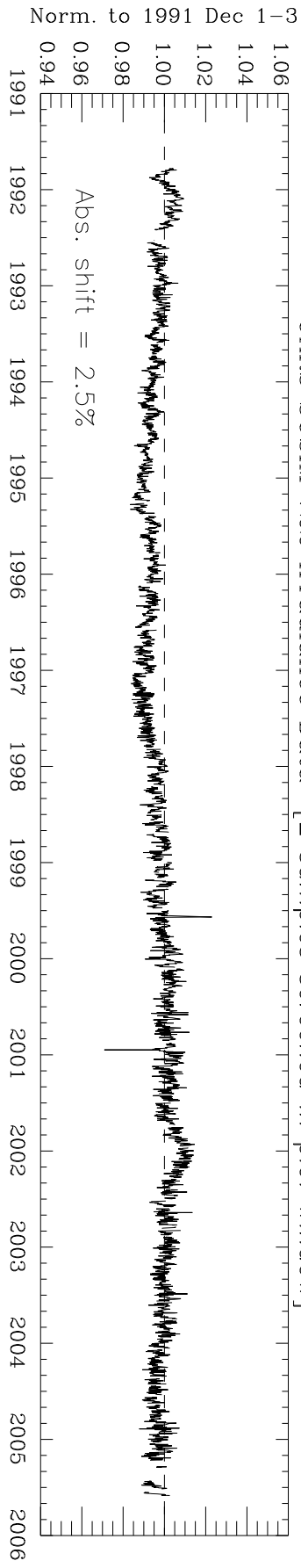
Solar Irradiance Comparison: 260–264 nm
 UARS SUSIM V22 Irradiance Data [3 samples screened in plot window]



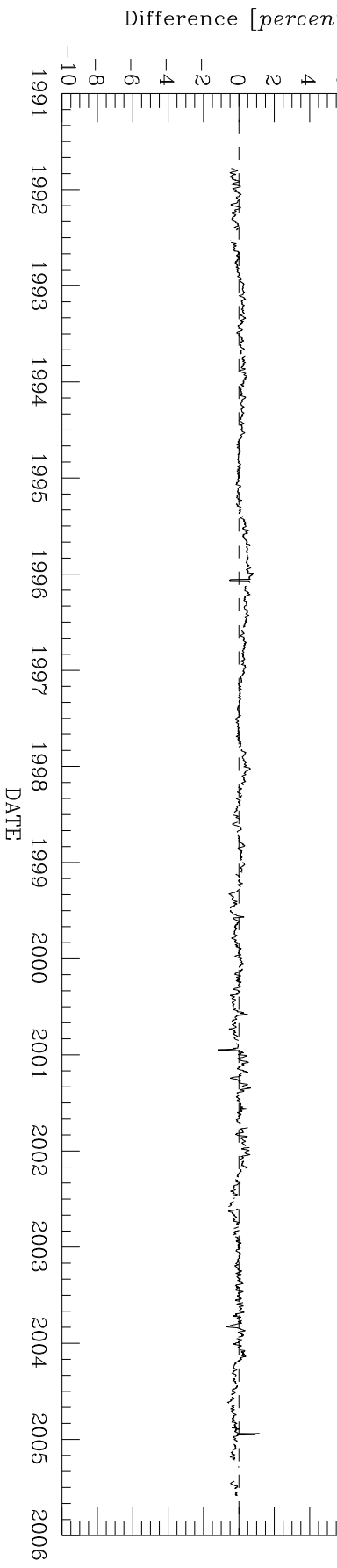
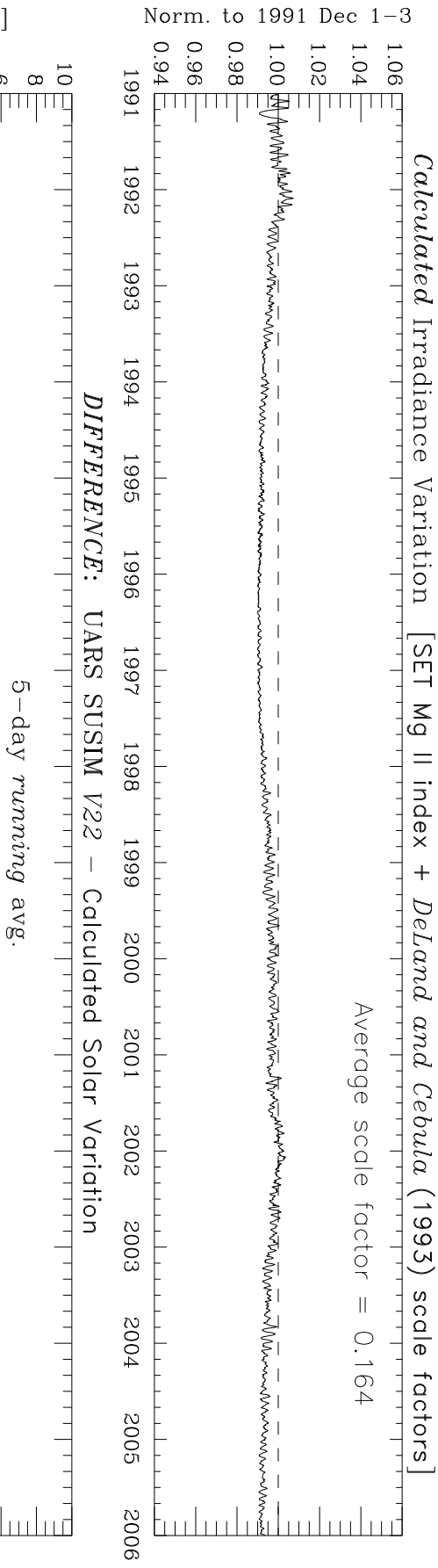
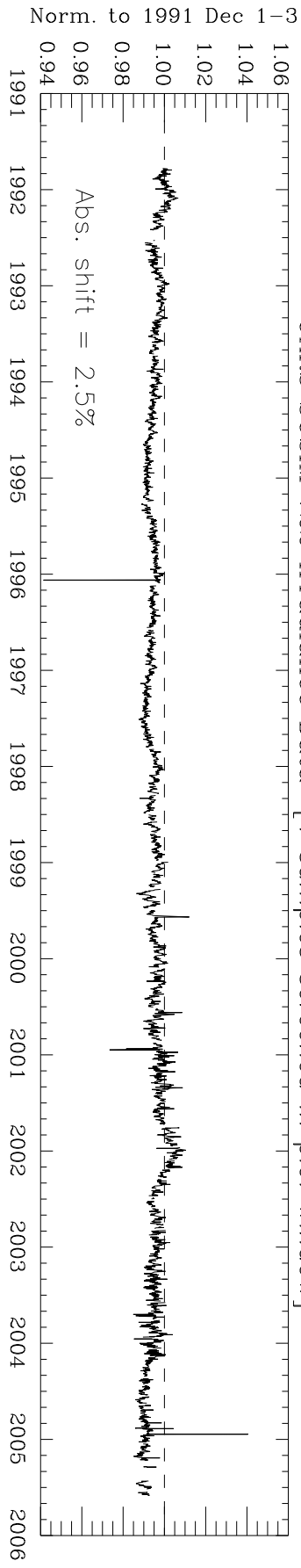
Solar Irradiance Comparison: 265–269 nm
 UARS SUSIM V22 Irradiance Data [2 samples screened in plot window]



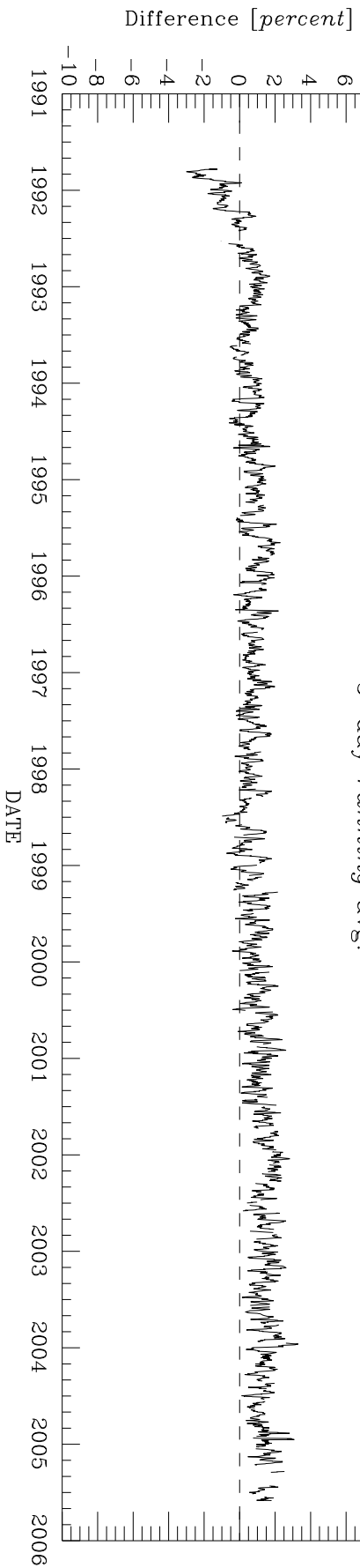
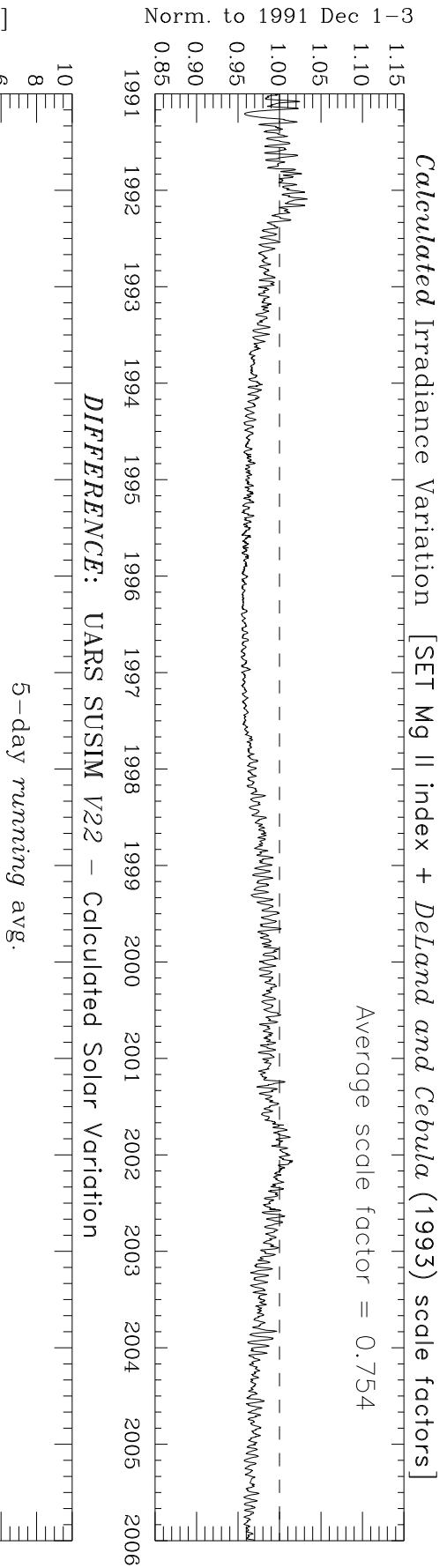
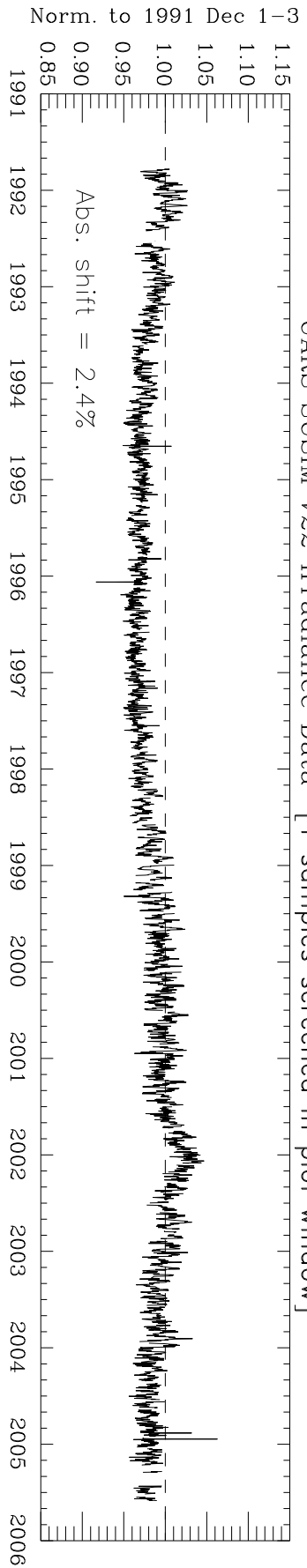
Solar Irradiance Comparison: 270–274 nm
 UARS SUSIM V22 Irradiance Data [2 samples screened in plot window]



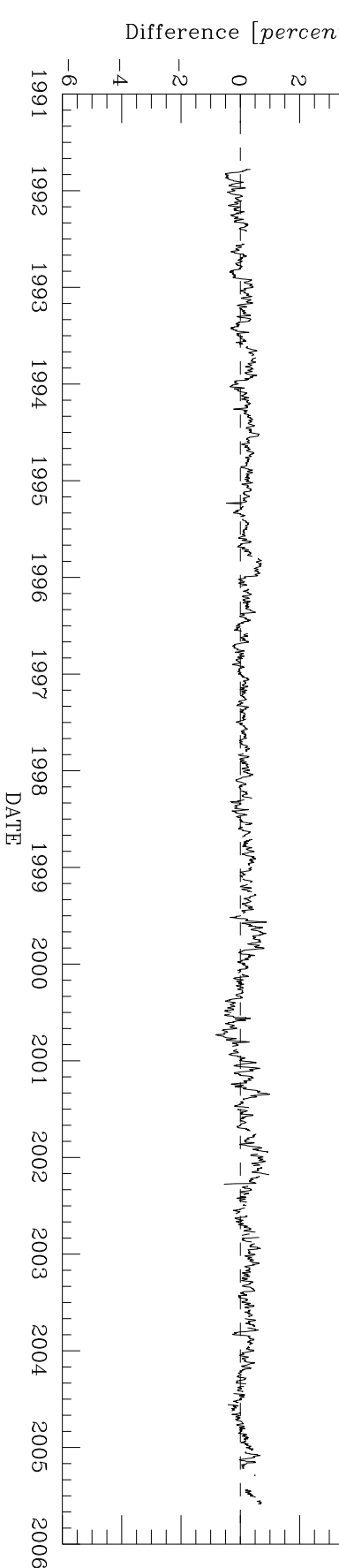
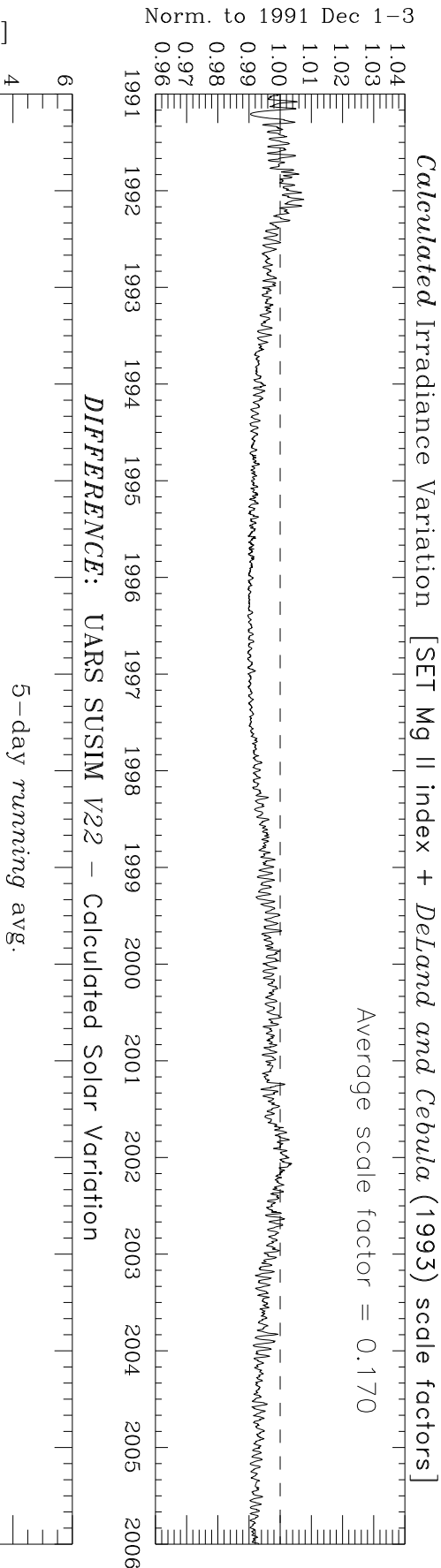
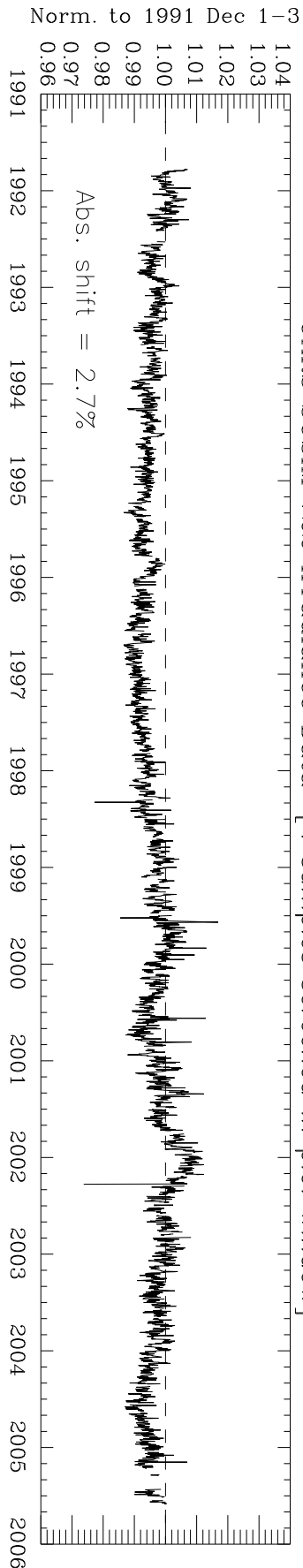
Solar Irradiance Comparison: 275–278 nm
 UARS SUSIM V22 Irradiance Data [1 samples screened in plot window]



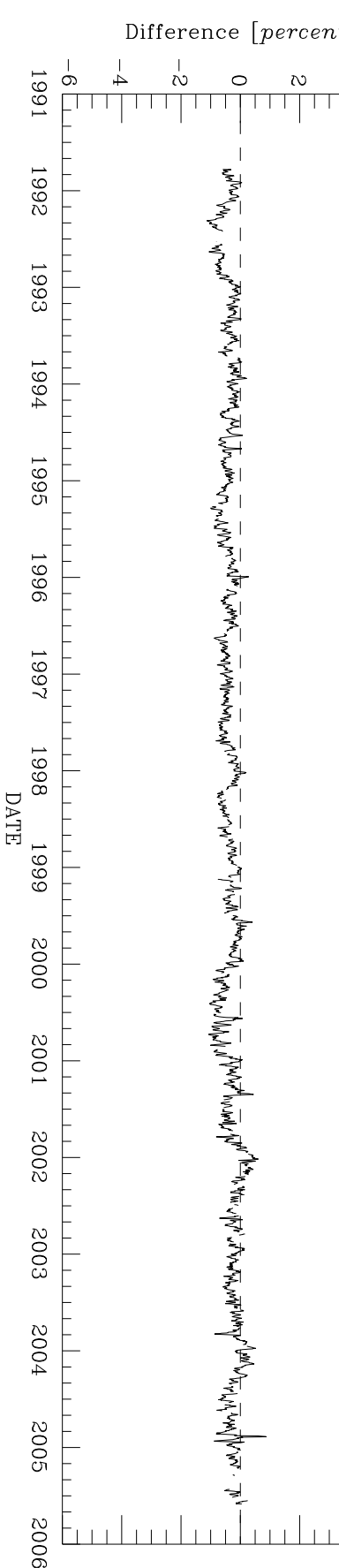
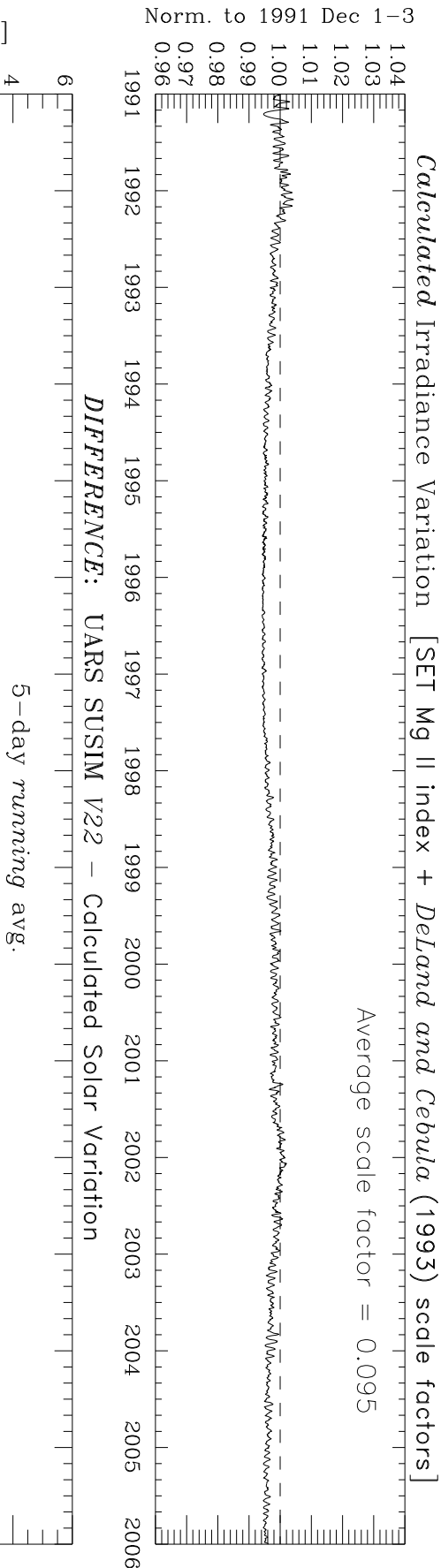
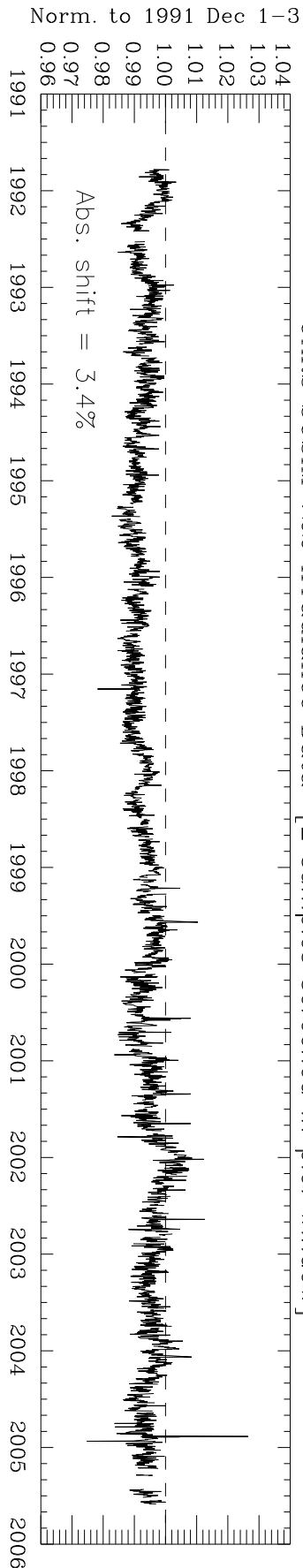
Solar Irradiance Comparison: 279–280 nm
 UARS SUSIM V22 Irradiance Data [1 samples screened in plot window]



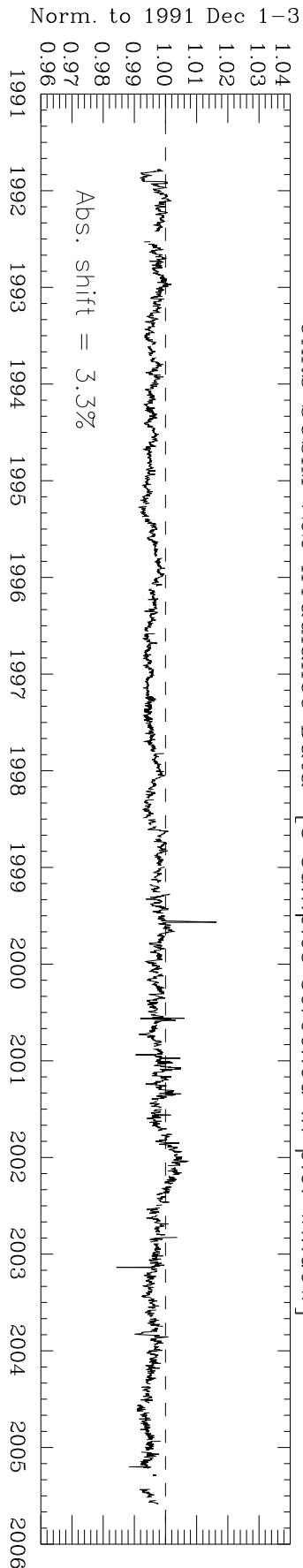
Solar Irradiance Comparison: 281–284 nm
 UARS SUSIM V22 Irradiance Data [4 samples screened in plot window]



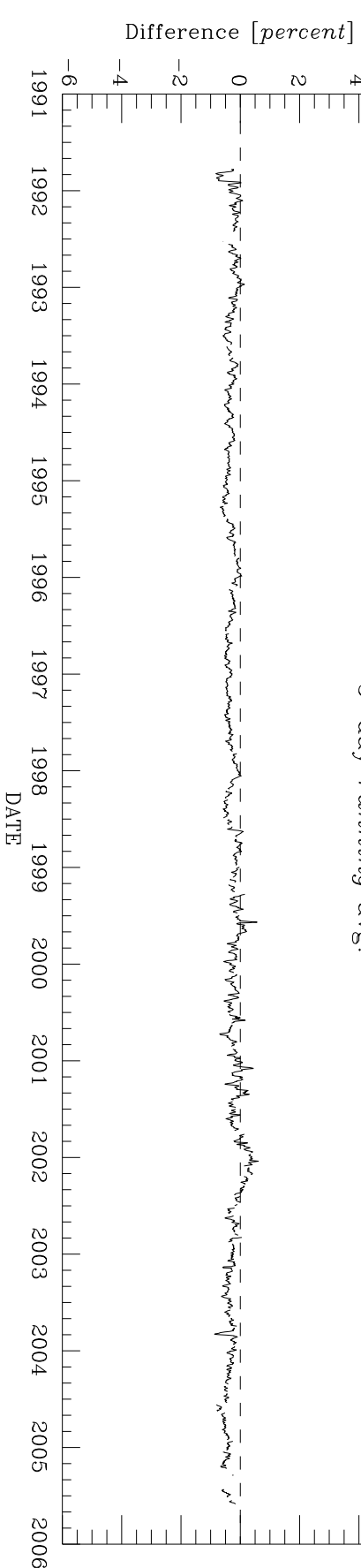
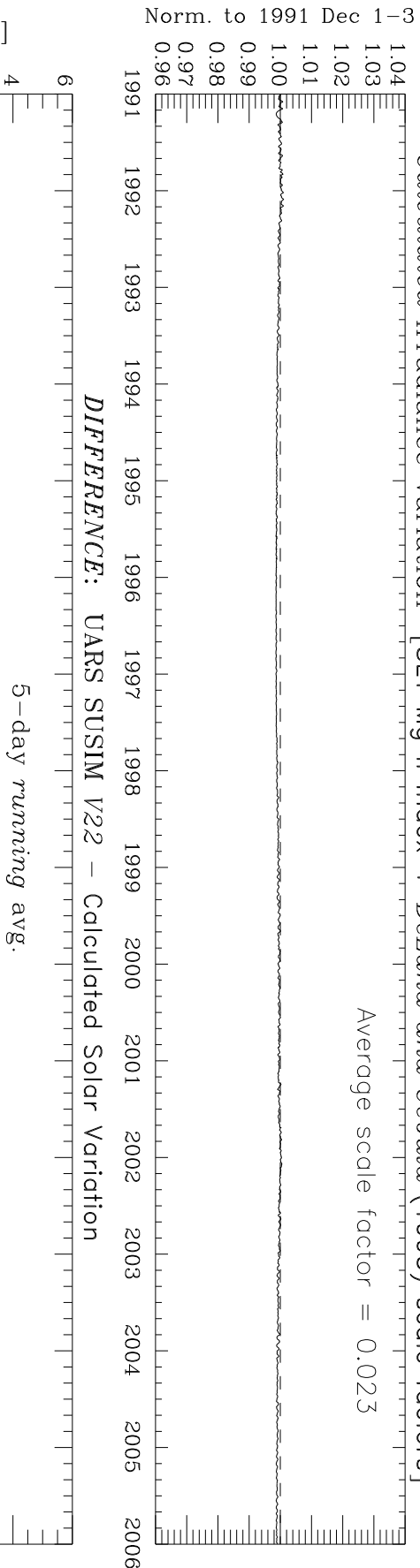
Solar Irradiance Comparison: 285–289 nm
 UARS SUSIM V22 Irradiance Data [2 samples screened in plot window]



Solar Irradiance Comparison: 290–294 nm
UARS SUSIM V22 Irradiance Data [3 samples screened in plot window]



Calculated Irradiance Variation [SET Mg II index + Deland and Cebula (1993) scale factors]
Average scale factor = 0.023



Solar Irradiance Comparison: 295–299 nm
 UARS SUSIM V22 Irradiance Data [3 samples screened in plot window]

