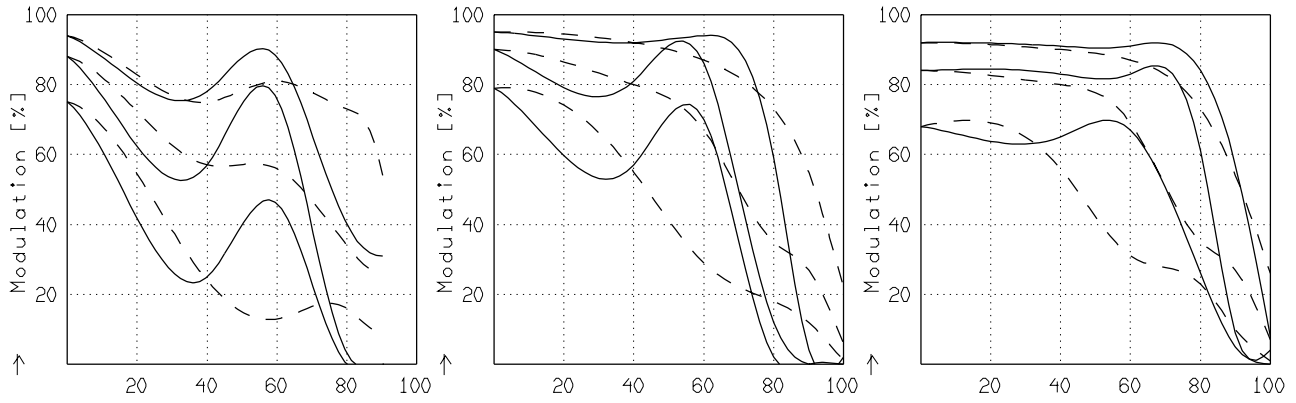


XENAR 5.6/150

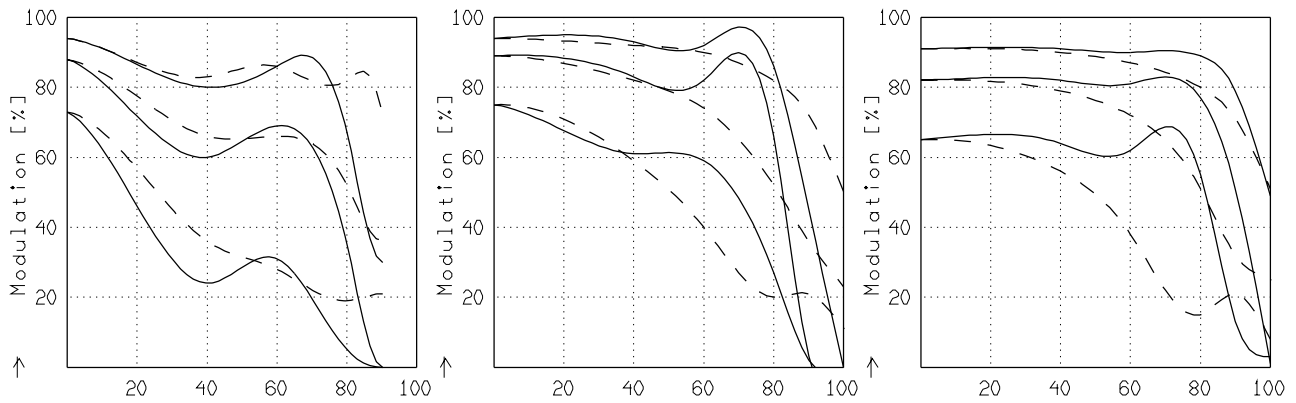
MODULATION als Funktion der relativen Bildgröße

Wellenlänge λ [nm] :	546	644	588	480	436	405
Spektrale Gewichtung [%] :	24.6	18.6	22.1	12.4	15.2	7.1
Ortsfrequenz R [1/mm] :	5	10	20			
Bild-Ø k = 5.6 [mm X mm] :	156.0					
Bild-Ø k = 22.0 [mm] :	173.0					

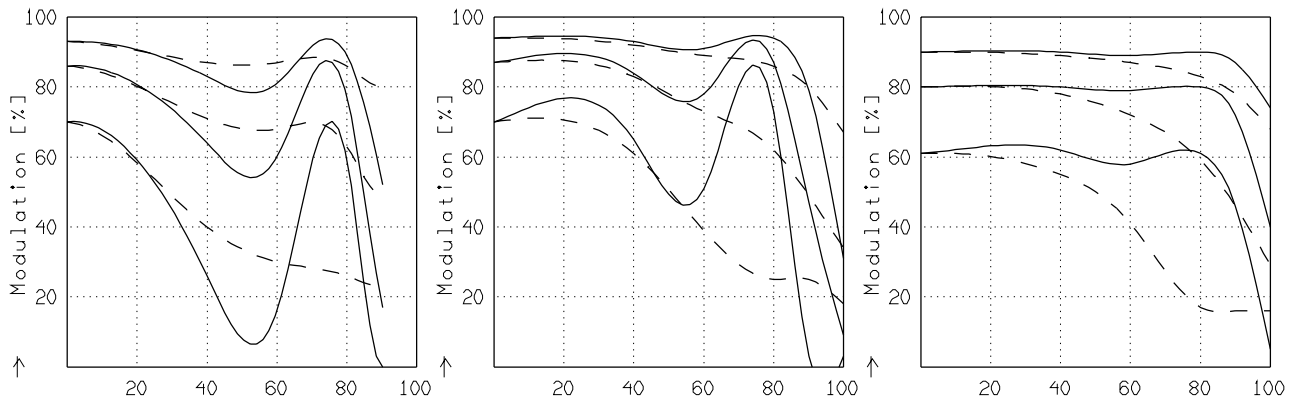
radial —
 tangential - -



→ $u'/u'_{max} * 100$ [%] $u'_{max} = 86.5$ → $u'/u'_{max} * 100$ [%] $u'_{max} = 86.5$ → $u'/u'_{max} * 100$ [%] $u'_{max} = 86.5$
 $f' = 150.1$ $k = 5.6$ $1/\beta' = \infty$ $00' = \infty$ $f' = 150.1$ $k = 11.0$ $1/\beta' = \infty$ $00' = \infty$ $f' = 150.1$ $k = 22.0$ $1/\beta' = \infty$ $00' = \infty$



→ $u'/u'_{max} * 100$ [%] $u'_{max} = 86.5$ → $u'/u'_{max} * 100$ [%] $u'_{max} = 86.5$ → $u'/u'_{max} * 100$ [%] $u'_{max} = 86.5$
 $f' = 150.1$ $k = 5.6$ $1/\beta' = -10.00$ $00' = 1817$, $f' = 150.1$ $k = 11.0$ $1/\beta' = -10.00$ $00' = 1817$, $f' = 150.1$ $k = 22.0$ $1/\beta' = -10.00$ $00' = 1817$.



→ $u'/u'_{max} * 100$ [%] $u'_{max} = 86.5$ → $u'/u'_{max} * 100$ [%] $u'_{max} = 86.5$ → $u'/u'_{max} * 100$ [%] $u'_{max} = 86.5$
 $f' = 150.1$ $k = 5.6$ $1/\beta' = -5.00$ $00' = 1081$, $f' = 150.1$ $k = 11.0$ $1/\beta' = -5.00$ $00' = 1081$, $f' = 150.1$ $k = 22.0$ $1/\beta' = -5.00$ $00' = 1081$.

Fokussierung MTF_{max} bei $k = 5.6$, $R = 20$ 1/mm, $u'/u'_{max} = 0$