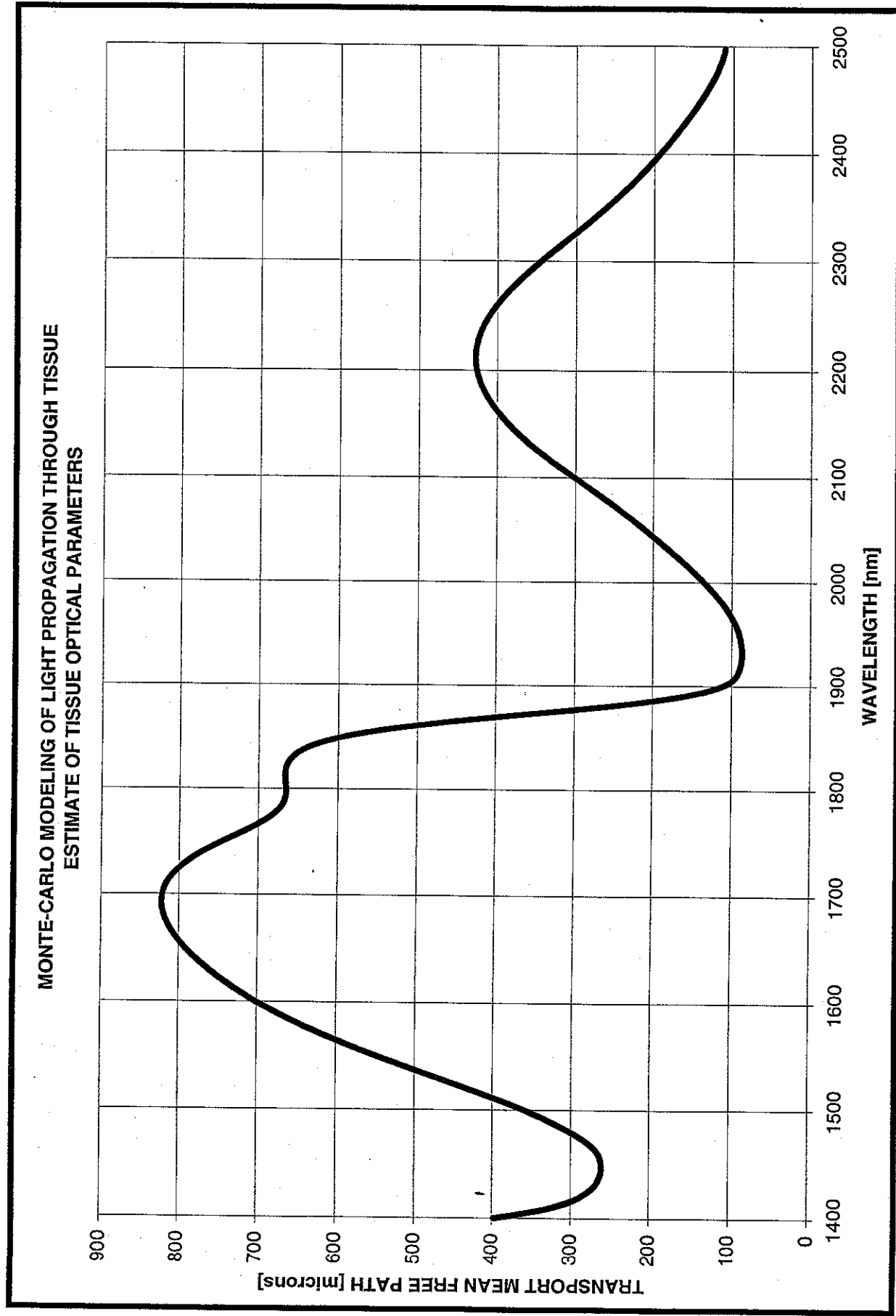
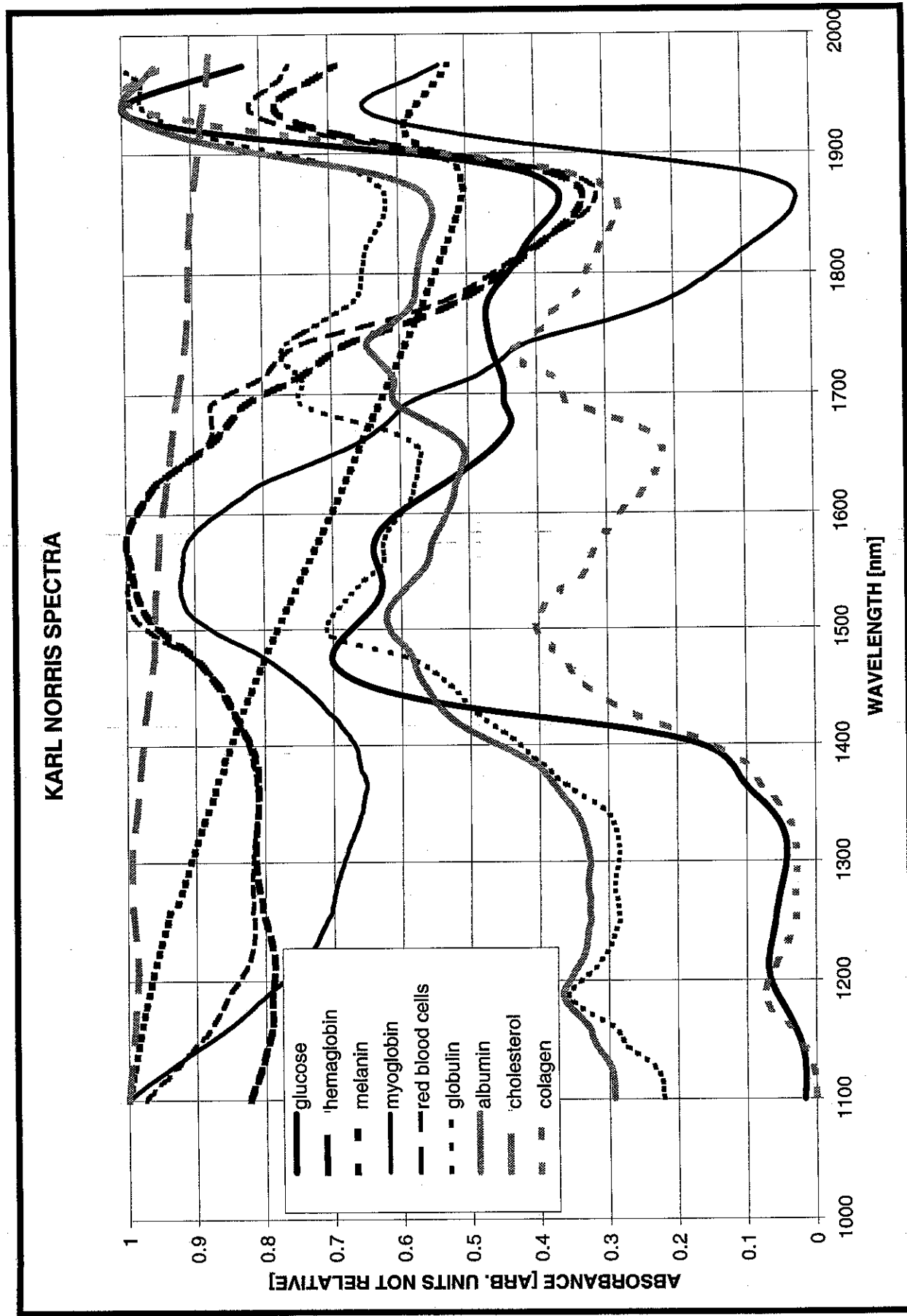






C:\Norris, glucose b

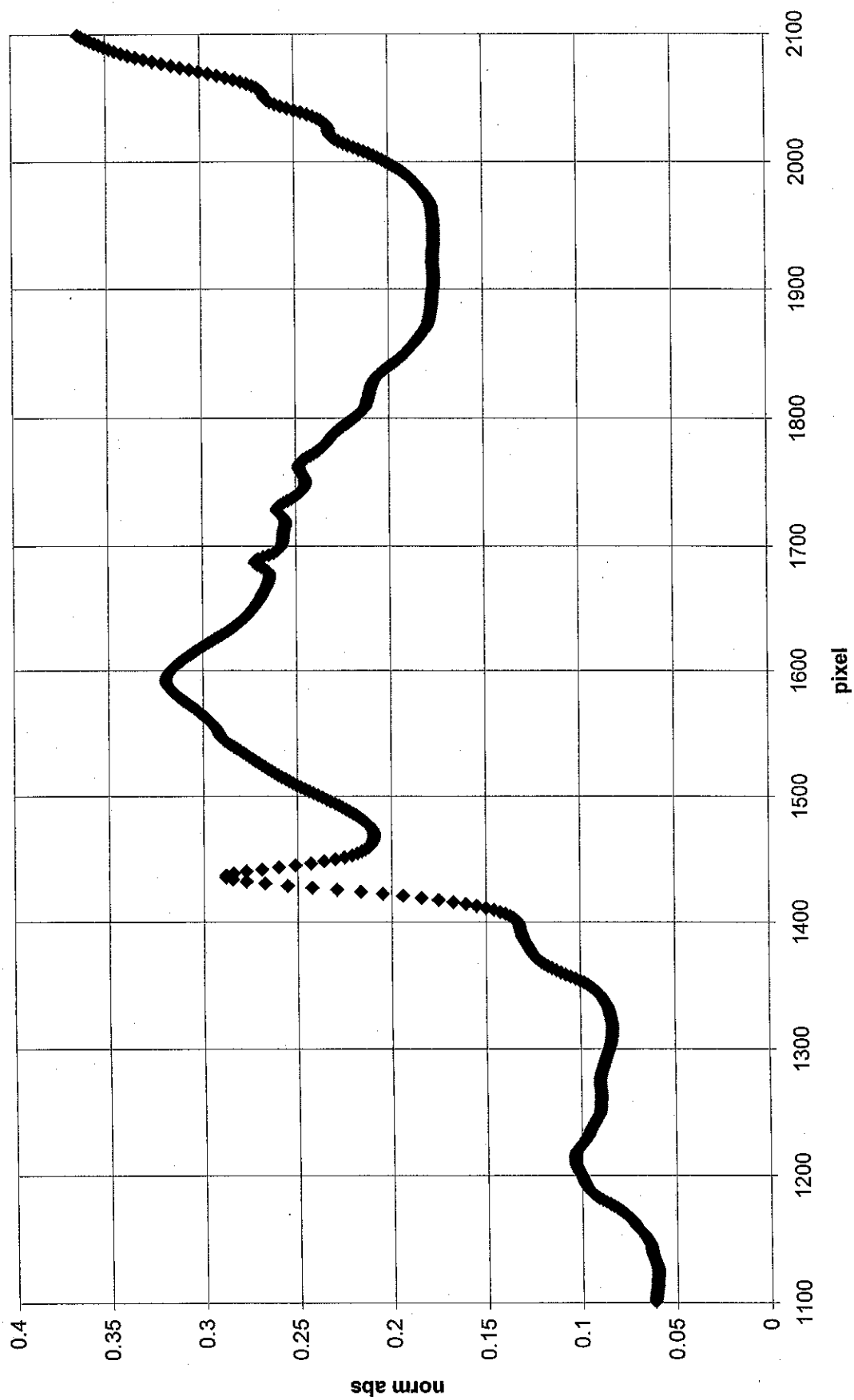
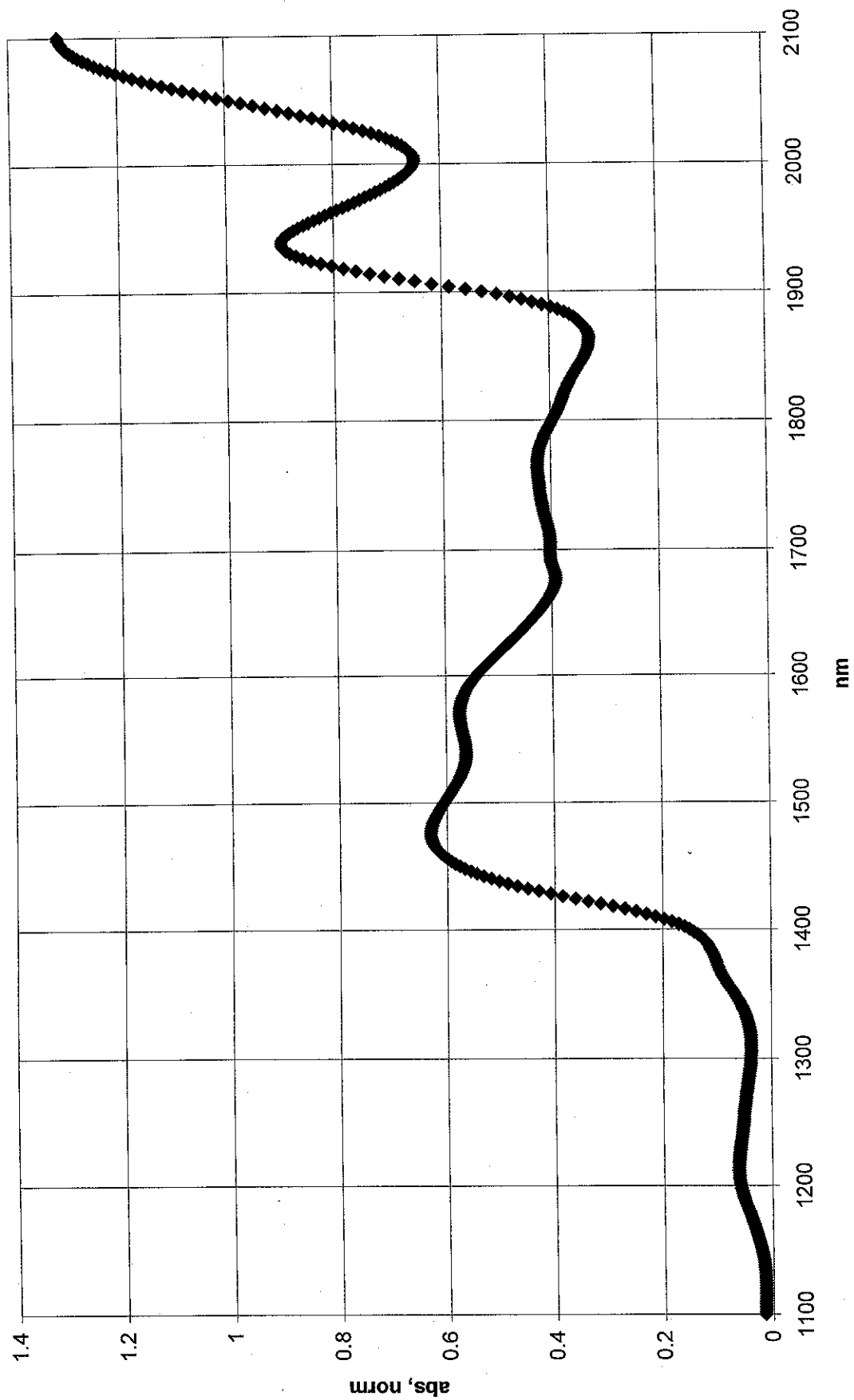
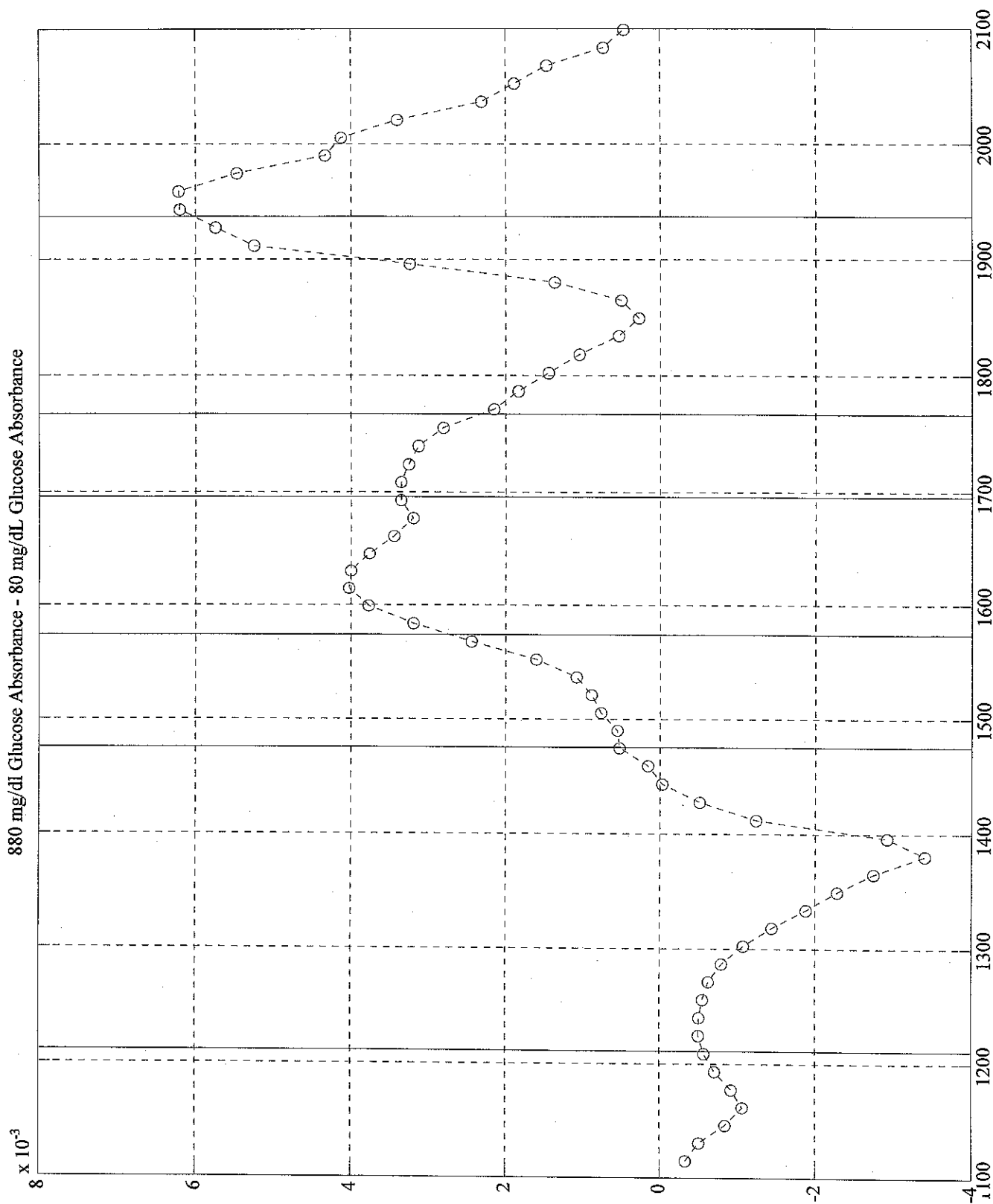


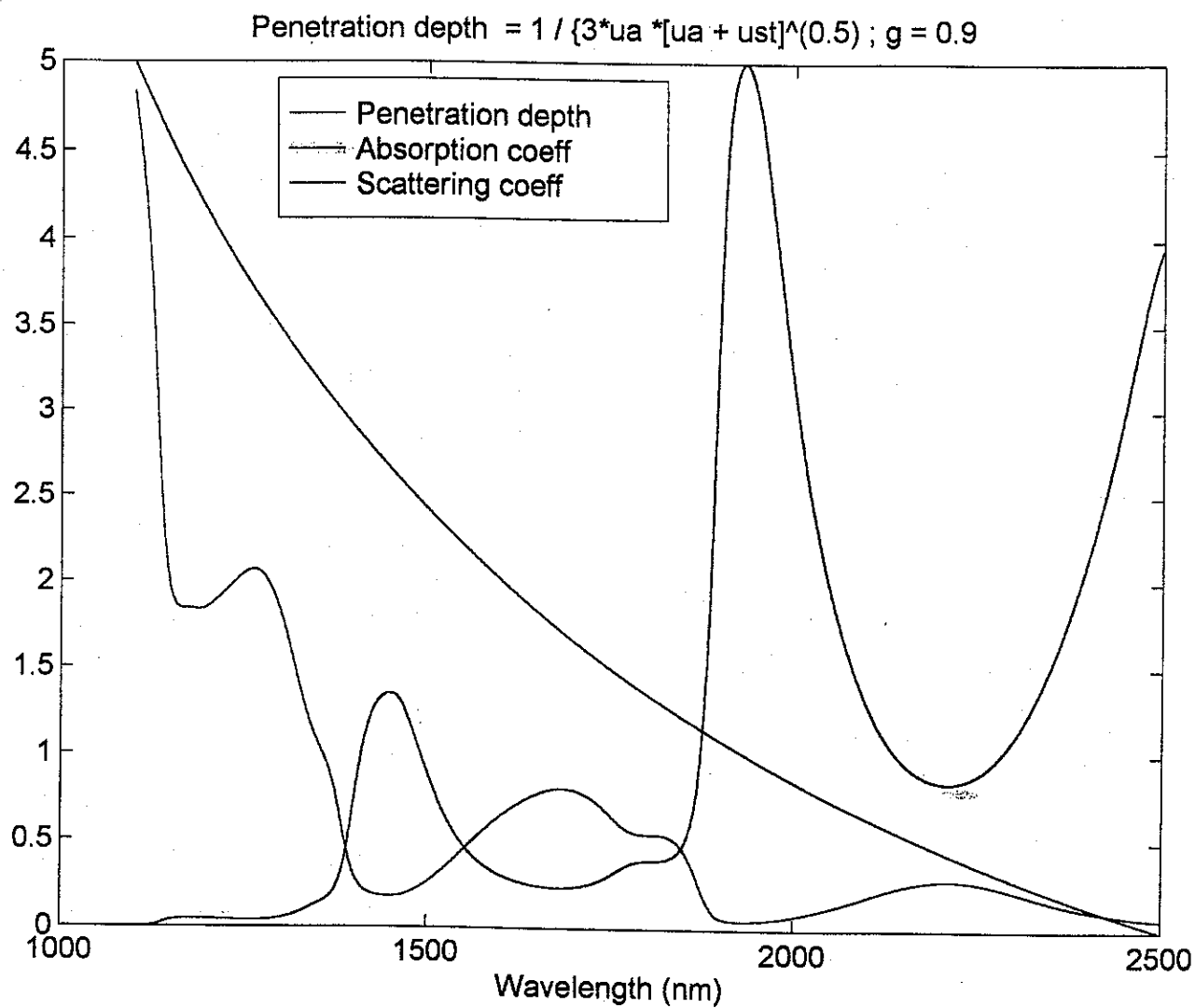
Chart2

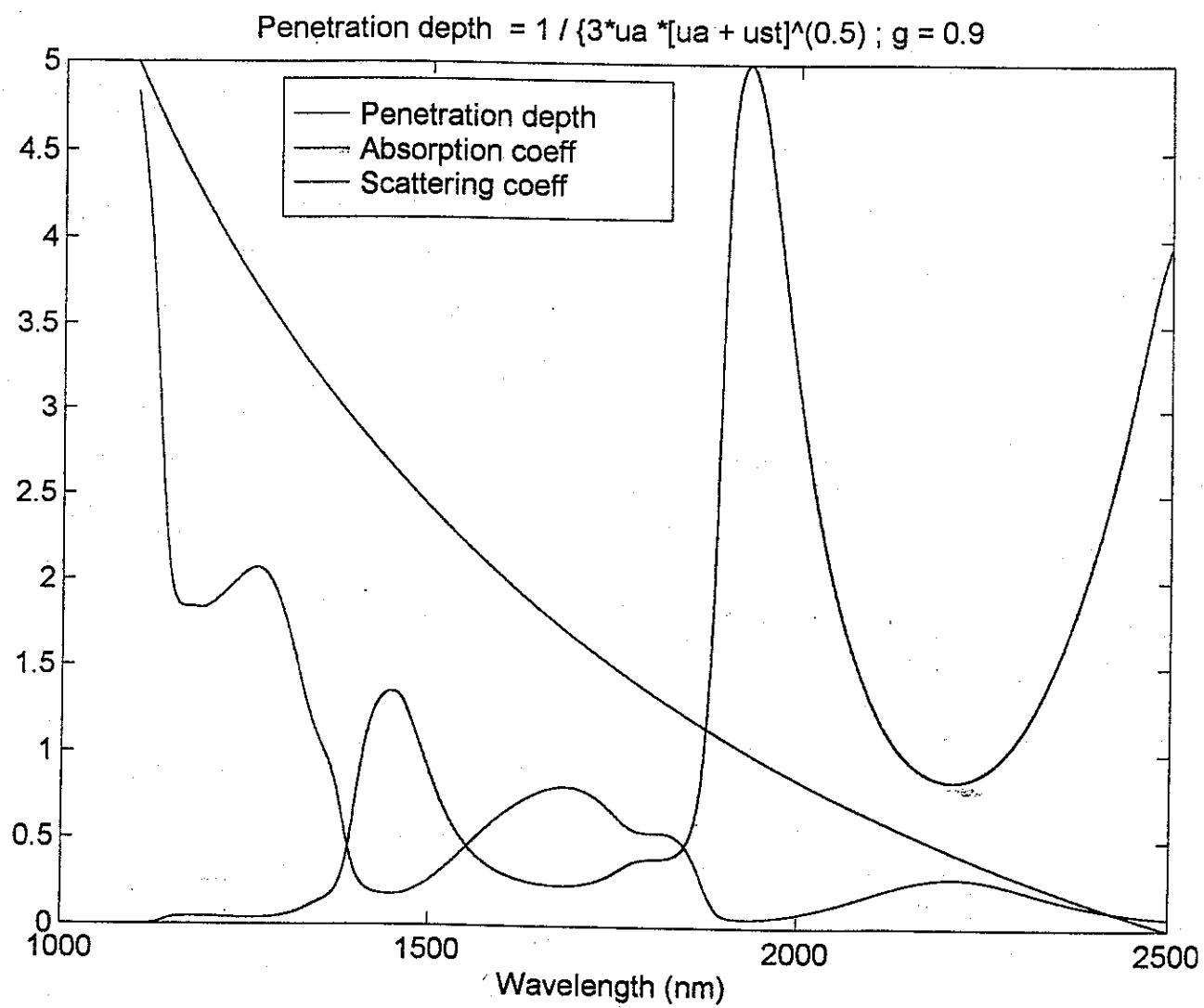
C:\Norris;glucose1





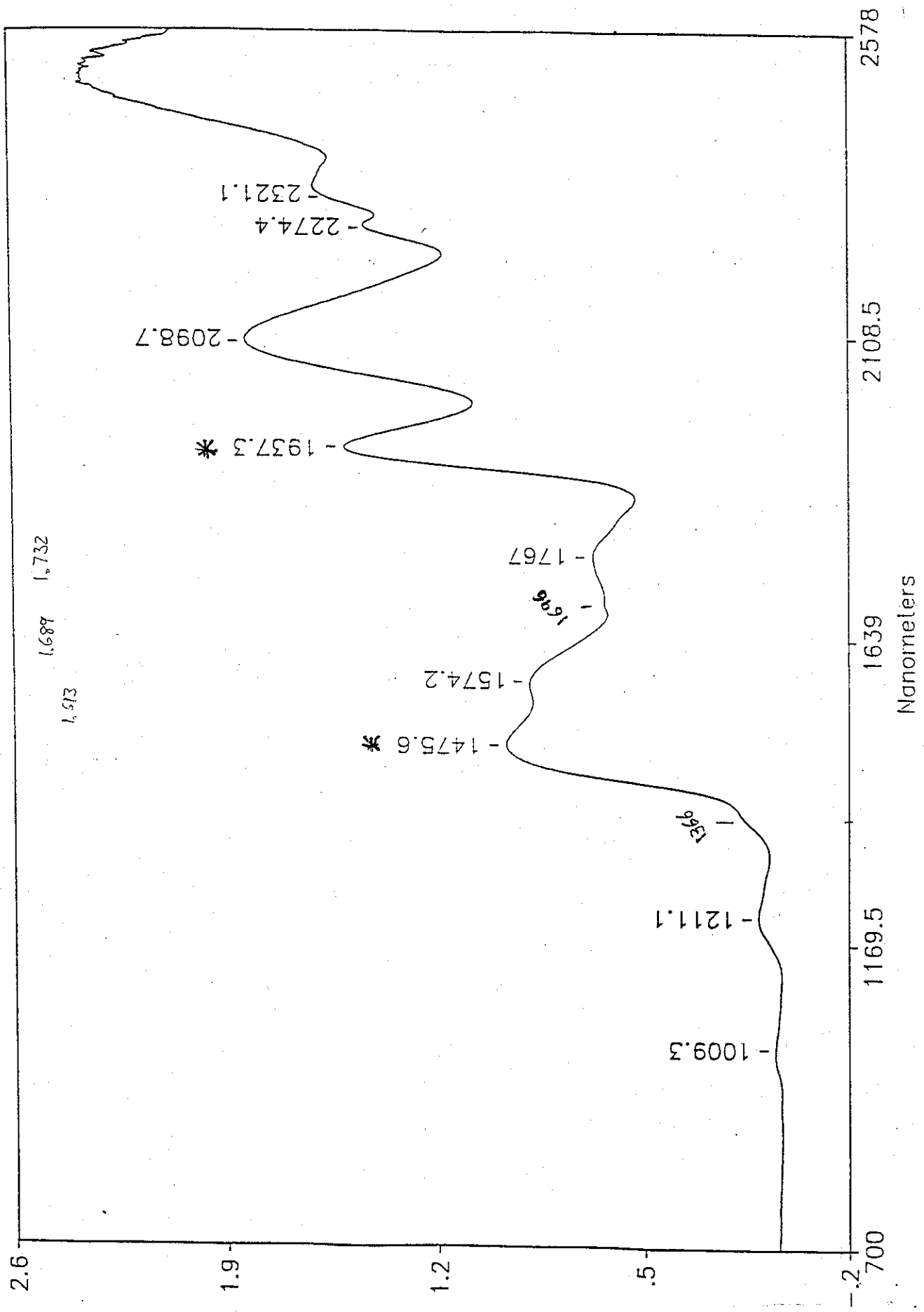
Glucose absorption spectra in aqueous solution from various sources					
In all cases, an attempt was made to eliminate water absorption and volume displacement effects					
mu=absorption coefficient, Cg=glucose concentration					
		arbitrary units			
dmua/dCg [cm^-1/(mg/dl)]		karl norris			
bico 1992 cuvette in transmission on NIRS 6500 (Castro & Mark)					
wavelength [nm]	BICO CUVETTE	wavelength [nm]	NORRIS		
1100	6.46566E-06	1100	0.014726		
1102	6.41807E-06	1102	0.014538		
1104	6.40119E-06	1104	0.014391		
1106	6.38123E-06	1106	0.014307		
1108	6.33211E-06	1108	0.014224		
1110	6.31215E-06	1110	0.014035		
1112	6.30601E-06	1112	0.013971		
1114	6.27071E-06	1114	0.013897		
1116	6.23387E-06	1116	0.013867		
1118	6.22312E-06	1118	0.013771		
1120	6.19088E-06	1120	0.013716		
1122	6.15558E-06	1122	0.013731		
1124	6.10846E-06	1124	0.013767		
1126	6.06194E-06	1126	0.013887		
1128	5.98672E-06	1128	0.014109		
1130	5.91457E-06	1130	0.014301		
1132	5.82708E-06	1132	0.014675		
1134	5.73958E-06	1134	0.015095		
1136	5.63059E-06	1136	0.015538		
1138	5.5216E-06	1138	0.016085		
1140	5.42029E-06	1140	0.016873		
1142	5.35735E-06	1142	0.017308		
1144	5.32511E-06	1144	0.018057		
1146	5.32972E-06	1146	0.018915		
1148	5.39265E-06	1148	0.019933		
1150	5.53368E-06	1150	0.020981		
1152	5.7319E-06	1152	0.022174		
1154	5.95295E-06	1154	0.023456		
1156	6.21084E-06	1156	0.024762		
1158	6.4718E-06	1158	0.026142		
1160	6.73276E-06	1160	0.027631		
1162	6.98911E-06	1162	0.029054		
1164	7.23779E-06	1164	0.030475		
1166	7.47266E-06	1166	0.031842		
1168	7.68296E-06	1168	0.033321		
1170	7.91015E-06	1170	0.034845		
1172	8.11277E-06	1172	0.036451		
1174	8.3154E-06	1174	0.038147		
1176	8.49961E-06	1176	0.039807		



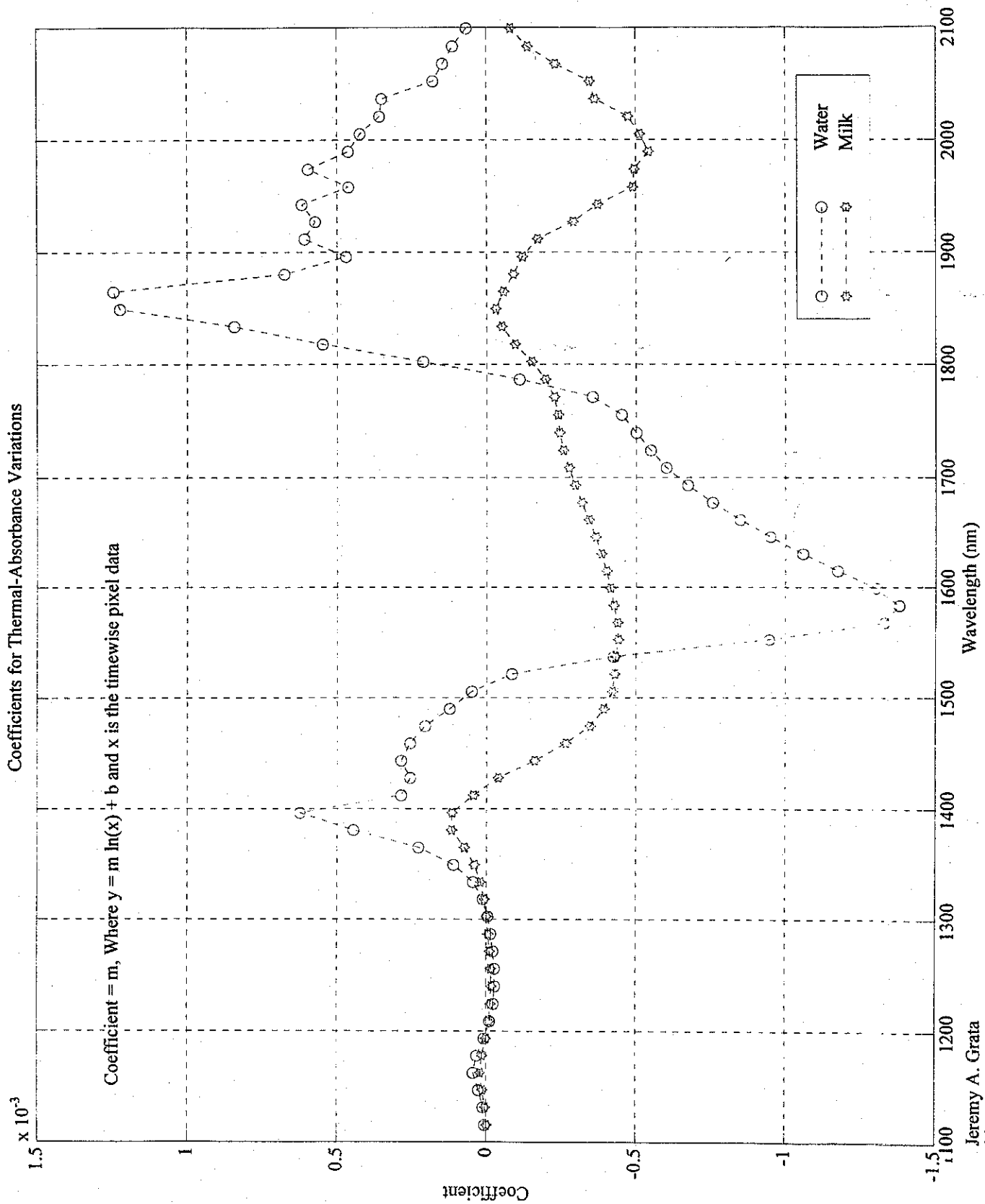


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Amorphous Glucose Spectrum Provided by Karl Norris



#1:101 5-27-93



Jeremy A. Grata
29-Dec-1997

Constants for Thermal-Absorbance Variations

Constant = b, Where $y = m \ln(x) + b$ and x is the timewise pixel data

