

Table 2. Values of $Y_{X/ATP}^{True}$ calculated for various values of α and n

Value of n	$Y_{X/ATP}^{True}$ g cells/mol ATP			
	Cellobiose		Cellulose	
	$\alpha = 1$	$\alpha = 2$	$\alpha = 1$	$\alpha = 2$
2	16.44 ± 0.89	22.52 ± 1.50	20.10 ± 0.56	26.14 ± 0.74
4.2	--	--	16.18 ± 0.44	17.75 ± 0.49

Values of $Y_{X/ATP}^{True}$ are calculated from the slopes of plots of the form of Fig. 1 based on continuous culture data for cellobiose (Table 3) and cellulose (Table 5).