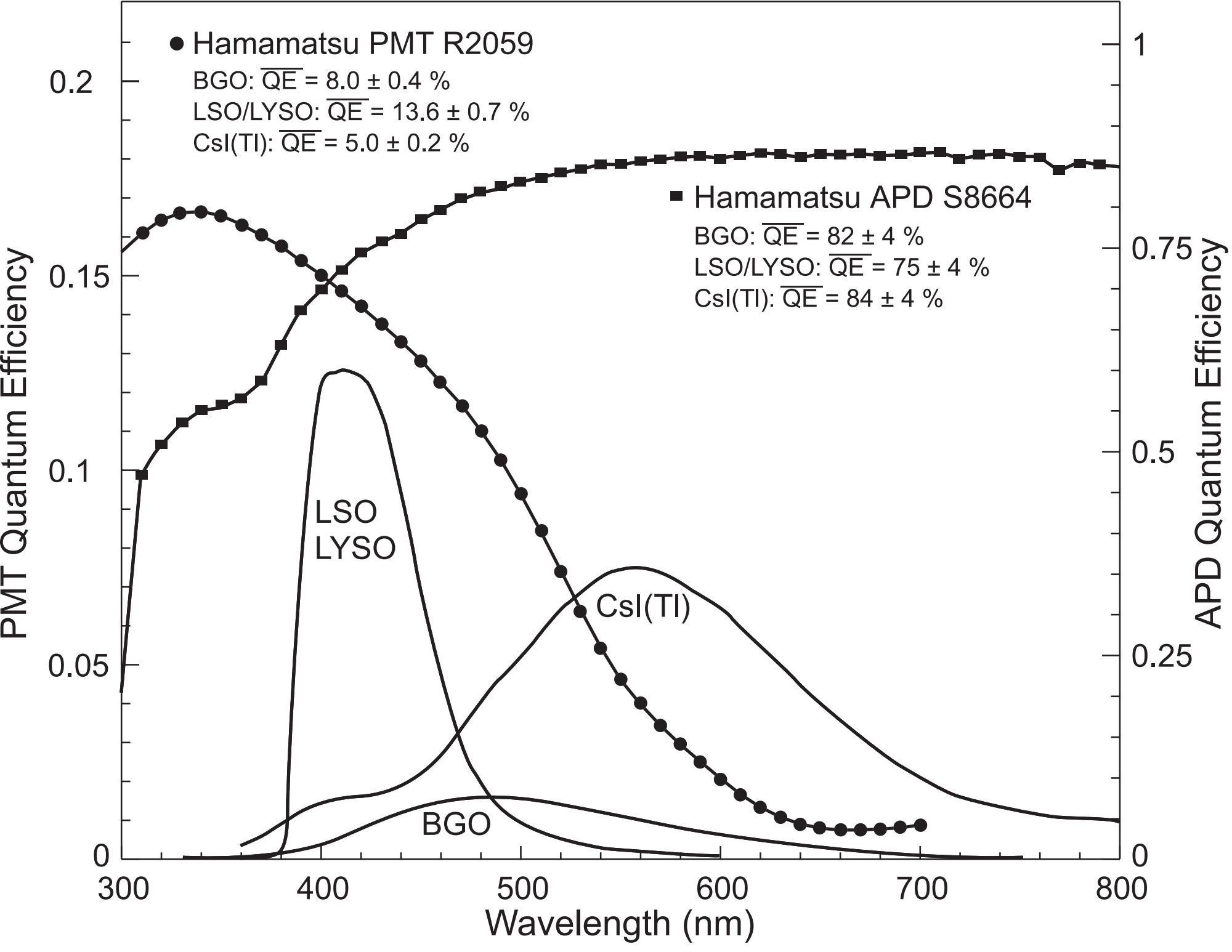
Hamamatsu PMT R2059
BGO: $\overline{QE}$ = 8.0 ± 0.4 %
LSO/LYSO: $\overline{QE}$ = 13.6 ± 0.7 %
CsI(Tl): $\overline{QE}$ = 5.0 ± 0.2 %
Hamamatsu APD S8664
BGO: $\overline{QE}$ = 82 ± 4 %
LSO/LYSO: $\overline{QE}$ = 75 ± 4 %
CsI(Tl): $\overline{QE}$ = 84 ± 4 %
LSO
LYSO
CsI(Tl)
BGO
PMT Quantum Efficiency
APD Quantum Efficiency
Wavelength (nm)
0
0.05
0.1
0.15
0.2
0.25
0.5
0.75
1
300
400
500
600
700
800