	Fe ²⁺ MD Tran 35 levels, 59 1.1 s ⁻¹ @ 751.5 nm	95 transitions	1.9 s ⁻¹ @ 200.2 nm
	$7.8 \times 10^{-1} s^{-1} @ 452.1 \text{nm}$ $6.0 \times 10^{-1} s^{-1} @ 459.0 \text{nm}$ $4.7 \times 10^{-1} s^{-1} @ 445.5 \text{nm}$	5.2 × 10 ⁻¹ s ⁻¹ @ 199.5 nm	
	4.6 × 10 ⁻¹ s ⁻¹ @ 480.5 nm	$4.0 \times 10^{-1} s^{-1} @ 197.1 \text{nm}$ $3.0 \times 10^{-1} s^{-1} @ 212.7 \text{nm}$ $2.8 \times 10^{-1} s^{-1} @ 192.8 \text{nm}$	$2.9 \times 10^{-1} \text{ s}^{-1} \text{ @ } 126.7 \text{ nm}$
	$2.6 \times 10^{-1} s^{-1} @ 644.5 \text{nm}$ $2.6 \times 10^{-1} s^{-1} @ 449.5 \text{nm}$ $2.2 \times 10^{-1} s^{-1} @ 319.2 \text{nm}$	2.8 × 10 ⁻¹ s ⁻¹ @ 212.0 nm]	
	$1.9 \times 10^{-1} s^{-1} @ 900.2 \text{nm}$ $1.8 \times 10^{-1} s^{-1} @ 1100.8 \text{nm}$	2.0 × 10 ⁻¹ s ⁻¹ @ 298.2 nm 1.9 × 10 ⁻¹ s ⁻¹ @ 293.1 nm	
	$1.4 \times 10^{-1} s^{-1} @ 330.7 \text{nm}$	$1.7 \times 10^{-1} s^{-1} @ 488.1 \text{nm}$ $1.4 \times 10^{-1} s^{-1} @ 489.2 \text{nm}$ $1.3 \times 10^{-1} s^{-1} @ 378.5 \text{nm}$	
	1.2 × 10 ⁻¹ s ⁻¹ @ 331.8 nm	1.3 × 10 ⁻¹ s ⁻¹ @ 708.5 nm] 1.3 × 10 ⁻¹ s ⁻¹ @ 370.9 nm] 1.3 × 10 ⁻¹ s ⁻¹ @ 274.5 nm]	
	$1.1 \times 10^{-1} s^{-1} @ 328.3 \text{nm}$	$\begin{array}{c} 1.2 \times 10^{-1} s^{-1} @ 193.3 \text{nm} \\ \hline 1.1 \times 10^{-1} s^{-1} @ 1290.4 \text{nm} \\ \hline 1.1 \times 10^{-1} s^{-1} @ 490.2 \text{nm} \\ \end{array}$	
	$1.0 \times 10^{-1} s^{-1}$ @ 465.3 nm $1.0 \times 10^{-1} s^{-1}$ @ 452.2 nm $9.9 \times 10^{-2} s^{-1}$ @ 590.0 nm $9.9 \times 10^{-2} s^{-1}$ @ 590.0 nm $9.9 \times 10^{-2} s^{-1}$ @ 1129.9 nm	22.6 nm}	
	$9.1 \times 10^{-2} s^{-1}$ @ 913.9 nm} $9.1 \times 10^{-2} s^{-1}$ @ 330.4 nm}	$9.5 \times 10^{-2} s^{-1} @ 487.5 \text{nm}$ $9.5 \times 10^{-2} s^{-1} @ 344.7 \text{nm}$	
	$8.9 \times 10^{-2} s^{-1}$ @ 455.8 nm $8.8 \times 10^{-2} s^{-1}$ @ 454.3 nm $8.8 \times 10^{-2} s^{-1}$ @ 454.3 nm	$9.0 \times 10^{-2} s^{-1} @ 639.6 \text{nm}$ $8.6 \times 10^{-2} s^{-1} @ 376.6 \text{nm}$	
		$8.6 \times 10^{-2} s^{-1} @ 379.5 \text{nm}$ $8.3 \times 10^{-2} s^{-1} @ 492.8 \text{nm}$ $8.2 \times 10^{-2} s^{-1} @ 476.5 \text{nm}$ $8.2 \times 10^{-2} s^{-1} @ 341.1 \text{nm}$	
	7.3 × 10 ⁻² s ⁻¹ @ 974.9 nm}		
	6.2 × 10 ⁻² s ⁻¹ @ 323.7 nm	$6.9 \times 10^{-2} s^{-1}$ @ 194.8 nm $6.2 \times 10^{-2} s^{-1}$ @ 1285.4 nm $6.1 \times 10^{-2} s^{-1}$ @ 344.3 nm	
	$5.7 \times 10^{-2} s^{-1} @ 996.2 \text{nm}$ $5.6 \times 10^{-2} s^{-1} @ 1156.1 \text{nm}$	5.8 × 10 ⁻² s ⁻¹ @ 198.3 nm} 5.7 × 10 ⁻² s ⁻¹ @ 753.4 nm}	
	$5.0 \times 10^{-2} s^{-1}$ @ 456.3 nm $4.8 \times 10^{-2} s^{-1}$ @ 7801.8 nm	37.7 nm 4.9 × 10 ⁻² s ⁻¹ @ 345.9 nm	
	$4.7 \times 10^{-2} s^{-1} @ 1424.9 \text{nm}$ $4.7 \times 10^{-2} s^{-1} @ 1455.3 \text{nm}$ $4.6 \times 10^{-2} s^{-1} @ 327.0 \text{nm}$ $4.5 \times 10^{-2} s^{-1} @ 1004.2 \text{nm}$	4.7 × 10 ⁻² s ⁻¹ @ 212.1 nm]	
	4.4 × 10 ⁻² s ⁻¹ @ 492.5 nm 4.3 × 10 ⁻² s ⁻¹ @ 440.9 nm	4.3 × 10 ⁻² s ⁻¹ @ 384.1 nm}	
	4.3 × 10 ⁻² s ⁻¹ @ 992.3 nm		
	3.7 × 10 ⁻² s ⁻¹ @ 2103.0 nm} 3.6 × 10 ⁻² s ⁻¹ @ 78	35.0 nm $3.6 \times 10^{-2} s^{-1}$ @ 330.9 nm $3.3 \times 10^{-2} s^{-1}$ @ 350.5 nm	
	$2.9 \times 10^{-2} s^{-1} @ 2194.5 \text{nm}$ $2.8 \times 10^{-2} s^{-1} @ 446.0 \text{nm}$	$2.9 \times 10^{-2} s^{-1}$ @ 196.3 nm $2.8 \times 10^{-2} s^{-1}$ @ 196.0 nm	
	$2.6 \times 10^{-2} s^{-1}$ @ 325.0 nm}	$2.7 \times 10^{-2} s^{-1} @ 736.8 \text{nm}$ $2.7 \times 10^{-2} s^{-1} @ 195.0 \text{nm}$ $2.7 \times 10^{-2} s^{-1} @ 1398.0 \text{nm}$	
1	2.5 × 10 ⁻² s ⁻¹ @ 2184.9 nm 2.2 × 10 ⁻² s ⁻¹ @ 3754.5 nm	$[2.5 \times 10^{-2} s^{-1} @ 296.7 \text{nm}]$	
	$1.9 \times 10^{-2} s^{-1} @ 3677.0 \text{nm}$ $1.8 \times 10^{-2} s^{-1} @ 397.4 \text{nm}$		
	1.5 × 10 ⁻² s ⁻¹ @ 1232.2 nm}	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
	$\begin{array}{c} 1.3 \times 10^{-2} s^{-1} @ 974.9 \text{nm} \\ \hline 1.3 \times 10^{-2} s^{-1} @ 4019.6 \text{nm} \\ \hline 1.3 \times 10^{-2} s^{-1} @ 1006.9 \text{nm} \\ \end{array}$	1.4 × 10 ⁻² s ⁻¹ @ 491.0 nm	
	1.2 × 10 ⁻² s ⁻¹ @ 4323.5 nm}	$1.2 \times 10^{-2} s^{-1} @ 335.8 \text{nm}$ $1.2 \times 10^{-2} s^{-1} @ 495.2 \text{nm}$ $1.1 \times 10^{-2} s^{-1} @ 341.6 \text{nm}$	
	$8.3 \times 10^{-3} s^{-1} @ 1430.3 \text{nm}$	$9.8 \times 10^{-3} s^{-1} @ 193.2 \text{nm}$ $8.0 \times 10^{-3} s^{-1} @ 11906.5 \text{nm}$ $7.7 \times 10^{-3} s^{-1} @ 494.2 \text{nm}$	
	7.6 × 10 ⁻³ s^{-1} @ 401.5 nm} 6.9 × 10 ⁻³ s^{-1} @ 46	$7.6 \times 10^{-3} s^{-1} @ 375.9 \text{nm}$ $6.7 \times 10^{-3} s^{-1} @ 1278.1 \text{nm}$	
	$5.6 \times 10^{-3} s^{-1} @ 1126.4 \text{nm}$ $5.4 \times 10^{-3} s^{-1} @ 2194.5 \text{nm}$ $4.8 \times 10^{-3} s^{-1} @ 778.1 \text{nm}$	$6.6 \times 10^{-3} s^{-1}$ @ 195.1 nm $4.9 \times 10^{-3} s^{-1}$ @ 343.8 nm	
	$4.2 \times 10^{-3} s^{-1} @ 404.4 \text{nm}$ $4.0 \times 10^{-3} s^{-1} @ 1156.9 \text{nm}$ $3.5 \times 10^{-3} s^{-1} @ 5384.1 \text{nm}$	$3.2 \times 10^{-3} s^{-1}$ @ 379.1 nm	
$2.9 \times 10^{-3} s^{-1}$ @ 22971.6 nm	$3.0 \times 10^{-3} s^{-1} @ 1201.7 \text{nm}$ $2.9 \times 10^{-3} s^{-1} @ 406.5 \text{nm}$	2.7 × 10 ⁻³ s ⁻¹ @ 179.6 nm	
1.9 × 10 ⁻³ s ⁻¹ @ 32507.1 nm	$2.5 \times 10^{-3} s^{-1} @ 42$ $2.0 \times 10^{-3} s^{-1} @ 47$ $1.9 \times 10^{-3} s^{-1} @ 328.6 \text{nm}$		$2.5 \times 10^{-3} s^{-1} @ 142.3 \text{nm}$
	$1.9 \times 10^{-3} s^{-1} @ 1197.9 \text{ nm}$ $1.8 \times 10^{-3} s^{-1} @ 485.7 \text{ nm}$ $1.7 \times 10^{-3} s^{-1} @ 24590.8 \text{ nm}$	1 8 x 10 ⁻³ s ⁻¹ @ 290 7 nm	
	$1.5 \times 10^{-3} s^{-1} @ 4780.9 \text{nm}$ $1.5 \times 10^{-3} s^{-1} @ 317.2 \text{nm}$ $1.3 \times 10^{-3} s^{-1} @ 3450.9 \text{nm}$		
	$1.2 \times 10^{-3} s^{-1} @ 394.6 \text{nm}$ $1.1 \times 10^{-3} s^{-1} @ 267.0 \text{nm}$	1.2 × 10 ⁻³ s ⁻¹ @ 24459.5 nm} 1.1 × 10 ⁻³ s ⁻¹ @ 669.7 nm}	
7.4 × 10 ⁻⁴ s ⁻¹ @ 50399.7 nm	$1.0 \times 10^{-3} \ s^{-1}$ @ 4939.5 nm $1.0 \times 10^{-3} \ s^{-1}$ @ 1173.2 nm $9.8 \times 10^{-4} \ s^{-1}$ @ 1180.9 nm $8.5 \times 10^{-4} \ s^{-1}$ @ 1476.8 nm		
	6.3 × 10 ⁻⁴ s ⁻¹ @ 268.4 nm	$7.0 \times 10^{-4} s^{-1} @ 363.0 \text{nm}$ $6.8 \times 10^{-4} s^{-1} @ 319.5 \text{nm}$ $6.8 \times 10^{-4} s^{-1} @ 493.5 \text{nm}$	
	$6.0 \times 10^{-4} s^{-1} @ 1571.1 \text{nm} \}$ $5.1 \times 10^{-4} s^{-1} @ 2397.9 \text{nm} \}$ $4.8 \times 10^{-4} s^{-1} @ 22$		
	4.7 × 10 ⁻⁴ s ⁻¹ @ 44	$4.5 \times 10^{-4} s^{-1} @ 337.5 \text{nm}$ $4.3 \times 10^{-4} s^{-1} @ 169.8 \text{nm}$ $3.8 \times 10^{-4} s^{-1} @ 345.5 \text{nm}$	
	3.3 × 10 ⁻⁴ s ⁻¹ @ 42673.8 nm 3.1 × 10 ⁻⁴ s ⁻¹ @ 496.2 nm	3.3 × 10 ⁻⁴ s ⁻¹ @ 328.4 nm] (3.1 × 10 ⁻⁴ s ⁻¹ @ 180.2 nm)	
	$2.9 \times 10^{-4} s^{-1} @ 47$ $2.7 \times 10^{-4} s^{-1} @ 321.6 \text{nm}$ $2.4 \times 10^{-4} s^{-1} @ 403.9 \text{nm}$	2.4×10 ⁻⁴ s ⁻¹ @ 349.5 nm	2.8 × 10 ⁻⁴ s ⁻¹ @ 99.5 nm
	3 × 10 ⁻⁴ s ⁻¹ @ 45580.8 nm 1.9 × 10 ⁻⁴ s ⁻¹ @ 56933.2 nm 1.9 × 10 ⁻⁴ s ⁻¹ @ 56110.8 nm	2.3 × 10 ⁻⁴ s ⁻¹ @ 365.7 nm	
	$1.9 \times 10^{-4} s^{-1} @ 1152.6 \text{nm}$ $1.8 \times 10^{-4} s^{-1} @ 264.8 \text{nm}$ $1.7 \times 10^{-4} s^{-1} @ 1616.4 \text{nm}$	$1.7 \times 10^{-4} s^{-1} @ 320.7 \text{nm}$ $1.6 \times 10^{-4} s^{-1} @ 342.9 \text{nm}$	
1.5 × 10 ⁻⁴ s ⁻¹ @ 102613.5 nm	1.5 × 10 ⁻⁴ s ⁻¹ @ 286.6 nm .5 × 10 ⁻⁴ s ⁻¹ @ 59821.5 nm	1.6 × 10 ⁻⁴ s ⁻¹ @ 346.8 nm 1.6 × 10 ⁻⁴ s ⁻¹ @ 346.8 nm	
	1.5 × 10 ⁻⁴ s ⁻¹ @ 1754.3 nm 1.4 × 10 ⁻⁴ s ⁻¹ @ 2107.9 nm	$1.3 \times 10^{-4} s^{-1} @ 193.9 \text{nm}$ $1.2 \times 10^{-4} s^{-1} @ 197.9 \text{nm}$	
	$9.7 \times 10^{-5} s^{-1} @ 487.7 \text{nm}$ $8.0 \times 10^{-5} s^{-1} @ 463.2 \text{nm}$	9.3 × 10 ⁻⁵ s ⁻¹ @ 171.1 nm	
	$5.7 \times 10^{-5} s^{-1} @ 2147.6 \text{nm}$ $5.0 \times 10^{-5} s^{-1} @ 931.5 \text{nm}$ $3 \times 10^{-5} s^{-1} @ 45582.4 \text{nm}$	7.7 × 10 ⁻⁵ s ⁻¹ @ 321.9 nm] 4.6 × 10 ⁻⁵ s ⁻¹ @ 129.2 nm]	
	3.1 × 10 ⁻⁵ s ⁻¹ @ 83425.7 nm}	3.3 × 10 ⁻⁵ s ⁻¹ @ 370.8 nm) 3.1 × 10 ⁻⁵ s ⁻¹ @ 128.4 nm)	
	$1.4 \times 10^{-5} s^{-1}$ @ 1623.8 nm	$2.1 \times 10^{-5} s^{-1}$ @ 339.5 nm $1.9 \times 10^{-5} s^{-1}$ @ 327.6 nm $1.7 \times 10^{-5} s^{-1}$ @ 1195.3 nm	