	W <sup>2+</sup> MD Transition Rates 34 levels, 561 transitions	3.8 × 10 <sup>1</sup> s <sup>-1</sup> @ 366.3 nm
$\frac{1.7 \times 10^{1}  \text{s}^{-1}}{1.7 \times 10^{1}  \text{s}^{-1}}$		
	$\begin{array}{c} 6.8s^{-1} @ 611.4\text{nm} \\ \hline \\ 6.0s^{-1} @ 281.8\text{nm} \\ \hline \\ 5.4s^{-1} @ 578.8\text{nm} \\ \hline \\ 5.1s^{-1} @ 393 \\ \hline \end{array}$	6.5 s <sup>-1</sup> @ 370.1 nm]
	4.1 s <sup>-1</sup> @ 740.2 nm 4.0 s <sup>-1</sup> @ 1063.8 nm 3.5 s <sup>-1</sup> @ 335.6 nm	4.0 s <sup>-1</sup> @ 339.2 nm]  3.9 s <sup>-1</sup> @ 199.8 nm]
	3.4 s <sup>-1</sup> @ 1114.5 nm 3.2 s <sup>-1</sup> @ 750.5 nm 3.1 s <sup>-1</sup> @ 706.7 nm 2.9 s <sup>-1</sup> @ 662.5 nm	2.9 s <sup>-1</sup> @ 448.0 nm
	2.9 s <sup>-1</sup> @ 934.4 nm [2.9 s <sup>-1</sup> @ 617.6 nm] 2.8 s <sup>-1</sup> @ 1087.4 nm] [2.6 s <sup>-1</sup> @ 390	2.7 s <sup>-1</sup> @ 244.8 nm
	2.6 s <sup>-1</sup> @ 1725.8 nm 2.6 s <sup>-1</sup> @ 646.3 2.5 s <sup>-1</sup> @ 817.2 nm 2.5 s <sup>-1</sup> @ 1396.6 nm	
	2.3 s <sup>-1</sup> @ 1136.4 nm] 2.3 s <sup>-1</sup> @ 1419.7 nm] 2.3 s <sup>-1</sup> @ 924.6 nm]	
	2.0 s <sup>-1</sup> @ 663.3 nm 2.0 s <sup>-1</sup> @ 1264.5 nm 2.0 s <sup>-1</sup> @ 128.4 nm 2.0 s <sup>-1</sup> @ 1354.2 nm	
	1.8 s <sup>-1</sup> @ 338.8 nm 1.8 s <sup>-1</sup> @ 1023.0 nm 1.8 s <sup>-1</sup> @ 621.4 nm	.6 nm
	1.8 s <sup>-1</sup> @ 728.4 nm 1.6 s <sup>-1</sup> @ 1135.2 nm 1.6 s <sup>-1</sup> @ 801.6 nm	1.8 s <sup>-1</sup> @ 487.6 nm
	1.5 s <sup>-1</sup> @ 1013.5 nm 1.5 s <sup>-1</sup> @ 770.7 nm 1.4 s <sup>-1</sup> @ 626.5 nm 1.4 s <sup>-1</sup> @ 547	.8 nm] [1.4 s <sup>-1</sup> @ 705.7 nm]
	1.4 s <sup>-1</sup> @ 2318.0 nm 1.3 s <sup>-1</sup> @ 531.0 nm 1.3 s <sup>-1</sup> @ 737.7 nm 1.3 s <sup>-1</sup> @ 656.6 nm	
	1.3 s <sup>-1</sup> @ 565.2 nm 1.3 s <sup>-1</sup> @ 2107.9 nm 1.3 s <sup>-1</sup> @ 456.0 nm 1.3 s <sup>-1</sup> @ 369.5 nm 1.2 s <sup>-1</sup> @ 1226.7 nm	
	1.2 s <sup>-1</sup> @ 685.2 nm 1.2 s <sup>-1</sup> @ 1310.8 nm 1.2 s <sup>-1</sup> @ 1430.6 nm	
	$9.1 \times 10^{-1}  s^{-1}  @  1967.7  \text{nm} \\ 9.1 \times 10^{-1}  s^{-1}  @  523.8  \text{nm} \\ 9.0 \times 10^{-1}  s^{-1}  @  740.6  \text{nm} \\ 8.8 \times 10^{-1}  s^{-1}  @  2430.4  \text{nm} \\ \end{array}$	
	$ \begin{bmatrix} 8.3 \times 10^{-1} \ s^{-1} \ @ \ 727.9 \ nm \end{bmatrix}                                 $	
	$7.1 \times 10^{-1}  s^{-1}  @  1372.6  \text{nm} \\ \hline \qquad \qquad$	$6.5 \times 10^{-1}  s^{-1}  @  679.1  \text{nm}$
		@ 474.7 nm]
	$\begin{array}{c} 5.7 \times 10^{-1}  s^{-1}  @  433.4  \text{nm} \\ \\ 5.7 \times 10^{-1}  s^{-1} \\ \\ \hline \\ 5.4 \times 10^{-1}  s^{-1}  @  461.8  \text{nm} \\ \\ \hline \\ 5.2 \times 10^{-1}  s^{-1}  @ \\ \\ \hline \\ 5.2 \times 10^{-1}  s^{-1}  @ \\ \\ \hline \\ 5.2 \times 10^{-1}  s^{-1}  \\ \\ \end{array}$	405.3 nm}
$3.9 \times 10^{-1}  s^{-1}  @  5069.2  \text{nm}$	4.1 × 10 <sup>-1</sup> s <sup>-1</sup> @ 349.7 nm 4.0 × 10 <sup>-1</sup> s <sup>-1</sup>	
	$3.6 \times 10^{-1}  s^{-1}  @  2302.6  \text{nm}$ $3.5 \times 10^{-1}  s^{-1}  @  397.4  \text{nm}$ $3.4 \times 10^{-1}  s^{-1}  @  397.4  \text{nm}$	
$3.0 \times 10^{-1}  s^{-1}  @  5307.4  \text{nm}$	$3.3 \times 10^{-1}  s^{-1}  @  633.4  \text{nm} \\ 3.3 \times 10^{-1}  s^{-1}  @  713.0  \text{nm} \\ 3.0 \times 10^{-1}  s^{-1}  @  604.6  \text{nm} \\ 2.6 \times 10^{-1}  s^{-1}  @  298.2  \text{nm} \\ \end{array}$	
2.4 × 10 <sup>-1</sup> s <sup>-1</sup> @ 5640.9 nm	2.5 × 10 <sup>-1</sup> s <sup>-1</sup> @ 363.4 nm 2.5 × 10 <sup>-1</sup> s <sup>-1</sup> @ 1065.5 nm 2.3 × 10 <sup>-1</sup> s <sup>-1</sup> @ 1086.8 nm	$2.5 \times 10^{-1}  \text{s}^{-1}  \text{@ 742.9 nm}$
	2.2 × 10 <sup>-1</sup> s <sup>-1</sup> @ 432.2 nm 2.2 × 10 <sup>-1</sup> s <sup>-1</sup> @ 536.6 nm 2.1 × 10 <sup>-1</sup> s <sup>-1</sup> @ 2562.8 nm 1.9 × 10 <sup>-1</sup> s <sup>-1</sup> @ 519.0 nm	2.2×10 <sup>-1</sup> s <sup>-1</sup> @ 154.4 nm]
	1.5 × 10 <sup>-1</sup> s <sup>-1</sup> @ 3625.0 nm 1.4 × 10 <sup>-1</sup> s <sup>-1</sup> @ 292.2 nm 1.3 × 10 <sup>-1</sup> s <sup>-1</sup> @ 5030.0 nm 1.2 × 10 <sup>-1</sup> s <sup>-1</sup> @ 881.1 nm	$\{1.3 \times 10^{-1}  s^{-1}  @  279.1  \text{nm}\}$
	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	
	$8.8 \times 10^{-2}  s^{-1}  @  375.0  \text{nm}$ $8.7 \times 10^{-2}  s^{-1}$ $8.6 \times 10^{-2}  s^{-1}  @  462.2  \text{nm}$ $8.4 \times 10^{-2}  s^{-1}  @  322.4  \text{nm}$	@ 275.5 nm}
8.3 × 10 <sup>-2</sup> s <sup>-1</sup> @ 6664.9 nm		@ 3039.1 nm
	7.3 × 10 <sup>-2</sup> s <sup>-1</sup> @ 2683.0 nm 6.7 × 10 <sup>-2</sup> s <sup>-1</sup> @ 3115.5 nm 5.2 × 10 <sup>-2</sup> s <sup>-1</sup> @ 267.0 nm 4.3 × 10 <sup>-2</sup> s <sup>-1</sup> @ 3506.8 nm	
	$4.2 \times 10^{-2}  s^{-1}  @  7066.8  \text{nm} $ $4.1 \times 10^{-2}  s^{-1}  @  602.7  \text{nm} $ $4.0 \times 10^{-2}  s^{-1}  @  593.5  \text{nm} $ $3.5 \times 10^{-2}  s^{-1}  @  990.3  \text{nm} $ $3.3 \times 10^{-2}  s^{-1}  @  804.1  \text{nm} $	
	$3.3 \times 10^{-2}  s^{-1}  @  804.1  \text{nm}$ $3.1 \times 10^{-2}  s^{-1}  @  8474.1  \text{nm}$ $2.9 \times 10^{-2}  s^{-1}  @  1836.3  \text{nm}$ $2.6 \times 10^{-2}  s^{-1}  @  4060.3  \text{nm}$	
	2.1 × 10 <sup>-2</sup> s <sup>-1</sup> @ 679.9 nm}	$2.5 \times 10^{-2}  s^{-1}  @  276.1  \text{nm}$ $2.3 \times 10^{-2}  s^{-1}  @  204.3  \text{nm}$
	$\frac{1.8 \times 10^{-2}  s^{-1}  @  557.8  \text{nm}}{1.8 \times 10^{-2}  s^{-1}  @  399.0  \text{nm}}$	$1.8 \times 10^{-2}  s^{-1}$ @ 196.4 nm] $1.5 \times 10^{-2}  s^{-1}$ @ 274.2 nm]
	$\begin{array}{c} 1.4\times 10^{-2}s^{-1} @ 7769.7 \text{ nm} \\ \hline 1.3\times 10^{-2}s^{-1} @ 2285.8 \text{ nm} \\ \hline 1.3\times 10^{-2}s^{-1} @ 2529.0 \text{ nm} \\ \hline \end{array}$	
	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	
	$ \begin{array}{c} 6.5 \times 10^{-3}  s^{-1}  @  6705.4  \text{nm} \\ \hline \\ 5.6 \times 10^{-3}  s^{-1}  @  1037.8  \text{nm} \\ \hline \\ 5.3 \times 10^{-3}  s^{-1} \\ \hline \\ 4.0 \times 10^{-3}  s^{-1}  @  459.8  \text{nm} \\ \hline \\ \hline \\ 3.1 \times 10^{-3}  s^{-1}  @  15438.1  \text{nm} \\ \hline \end{array} $	@ 495.0 nm}
	$\frac{1.4 \times 10^{-3}  s^{-1}  @  7914.2  r}{1.2 \times 10^{-3}  s^{-1}  @  679.5  nm}$	m}
	1.5 × 10 <sup>-4</sup> s <sup>-1</sup> @ 276.3 nm 1.5 × 10 <sup>-4</sup> s <sup>-1</sup> @ 1141.8 nm 1.9 × 10 <sup>-5</sup> s <sup>-1</sup> @ 2835.3 nm	6.1 × 10 <sup>-4</sup> s <sup>-1</sup> @ 321.7 nm