



**b**

	Ions			
	Inside		Outside	
	( $\dot{U} < 0$ & $ \dot{U}  < 30$ ) [nW/m <sup>3</sup> ]	( $\dot{U} > 0$ & $\dot{U} < 30$ ) [nW/m <sup>3</sup> ]	( $\dot{U} < 0$ & $ \dot{U}  < 30$ ) [nW/m <sup>3</sup> ]	( $\dot{U} > 0$ & $\dot{U} < 30$ ) [nW/m <sup>3</sup> ]
Term 1	-6.73	5.94	-3.50	3.87
Term 2	-4.80	4.34	-3.08	3.70
Term 3	-6.27	5.87	-2.75	3.26

**c**

	Electrons			
	Inside		Outside	
	( $\dot{U} < 0$ & $ \dot{U}  < 30$ ) [nW/m <sup>3</sup> ]	( $\dot{U} > 0$ & $\dot{U} < 30$ ) [nW/m <sup>3</sup> ]	( $\dot{U} < 0$ & $ \dot{U}  < 30$ ) [nW/m <sup>3</sup> ]	( $\dot{U} > 0$ & $\dot{U} < 30$ ) [nW/m <sup>3</sup> ]
Term 1	-5.64	5.16	-3.89	3.97
Term 2	-4.80	4.34	-3.08	3.70
Term 3	-5.96	5.61	-2.71	3.12