

# He\_I\_159856 cm<sup>-1</sup> level population ratios (log)

T = 2500 K  
T = 5000 K  
T = 10000 K  
T = 20000 K  
T = 40000 K

log(N(He\_I\_159856)/N(0))

Ground State(g= 1) Excited State(g= 3)

515.61684 Å 1083.03398 Å

522.21309 Å 3188.6671 Å

537.02992 Å 3889.75088 Å

584.33436 Å 10833.30663 Å

Other Excited Energy

166278 cm<sup>-1</sup>

169086.9 cm<sup>-1</sup>

169087 cm<sup>-1</sup>

169088 cm<sup>-1</sup>

-2.5

18  
Log(n<sub>e</sub>)(cm<sup>-3</sup>)

19

