

I'm sorry for giving wrong references. I have checked it and revised this part. I have revised this sentence into "For $j(\text{NO}_2)$, absorption cross sections by Merienne et al. (1995) and quantum yields by Troe (2000) were used."

The correct References:

Merienne, M. F., Jenouvrier, A., and Coquart, B.: The NO_2 absorption spectrum: 1. Absorption cross-sections at ambient temperature in the 300–500nm region, J. Atmos. Chem., 20, 281–297, 1995.

Troe, J.: Are primary quantum yields of NO_2 photolysis at $\lambda \leq 398\text{nm}$ smaller than unity?, Z. Phys. Chem., 214, 573–581, 2000.