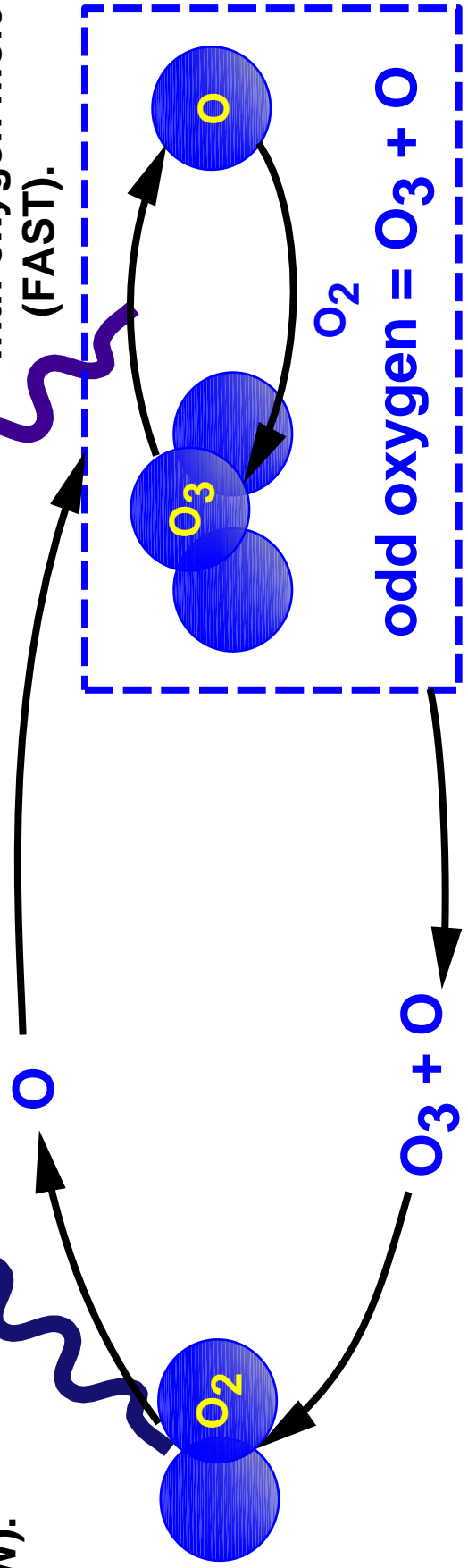


Oxygen molecules are photolyzed, yielding 2 oxygen atoms (SLOW).

Ozone and oxygen atoms are continuously begin interconverted by solar photolysis of ozone and oxygen atom reactions with oxygen molecules (FAST).



Ozone is lost by a reaction of oxygen atoms or ozone molecules with each other, or some other trace gas (SLOW).

This interconversion process converts UV radiation into thermal energy, heating the stratosphere.