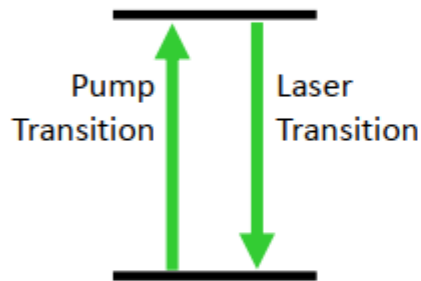


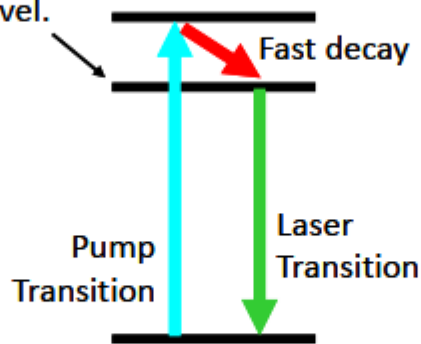
Two-level system



At best, you get equal populations.
No lasing.

Three-level system

Molecules accumulate in this level.



If you hit it hard, you get lasing.

Four-level system

