

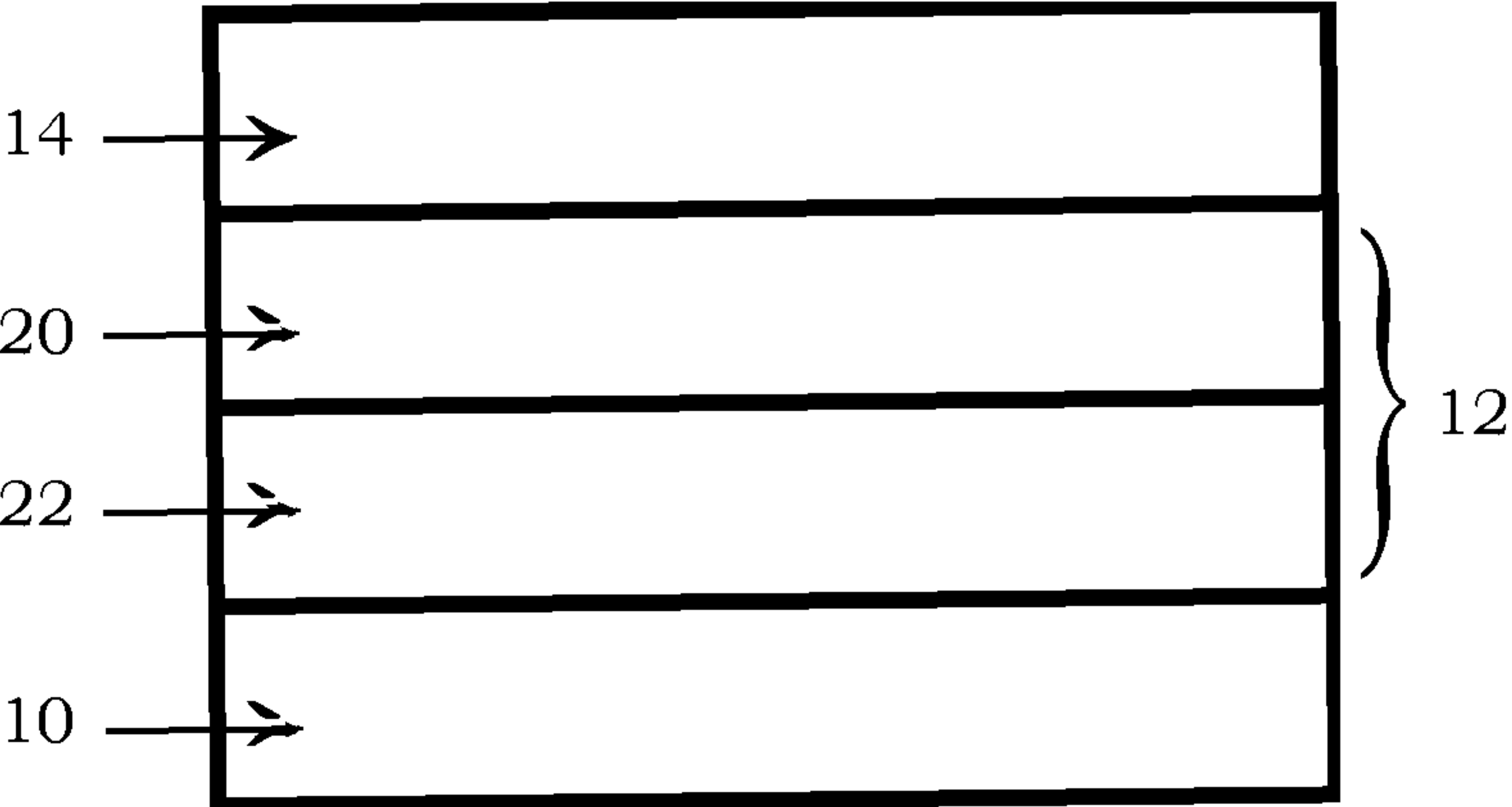


FIG. 1a

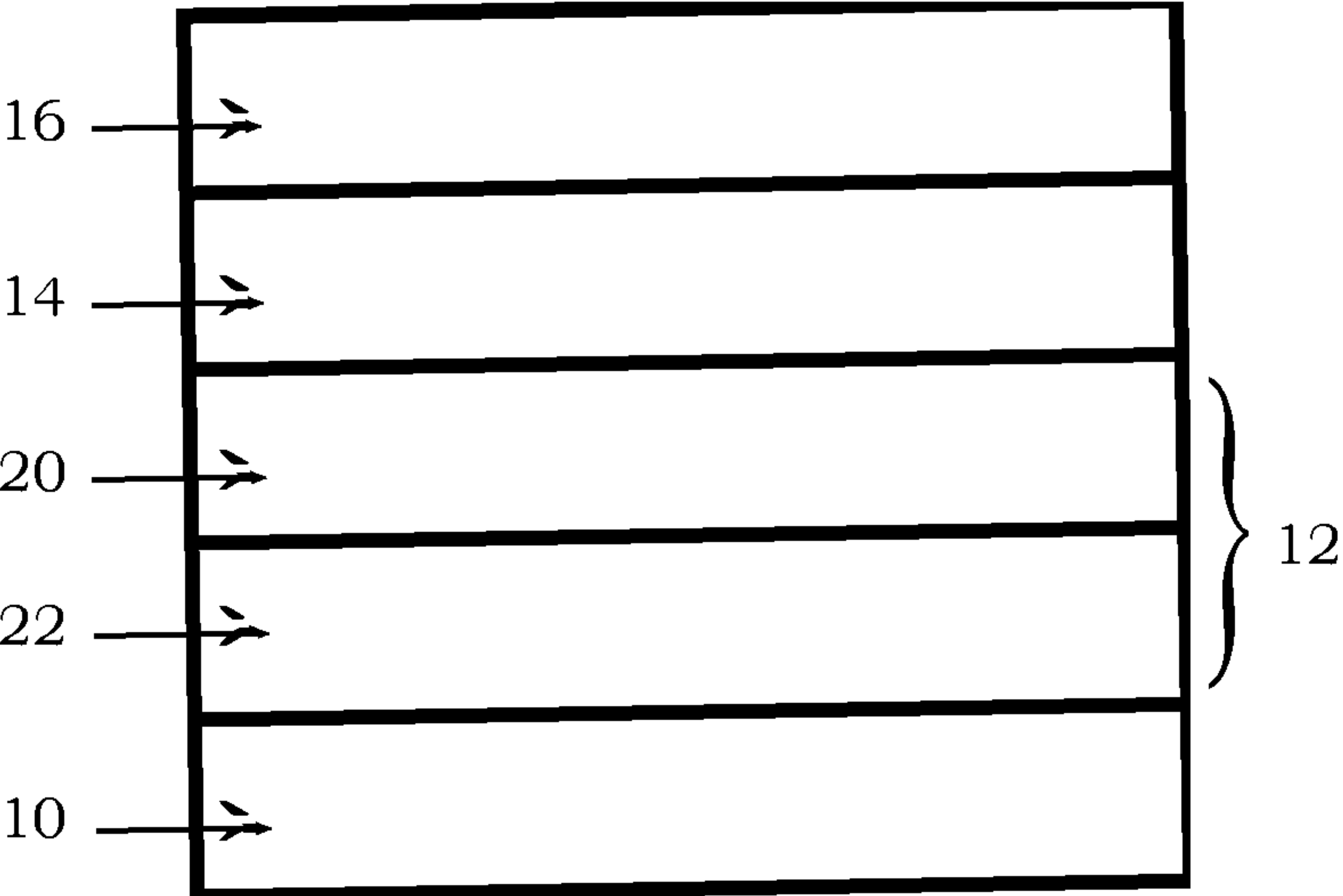


FIG. 1b

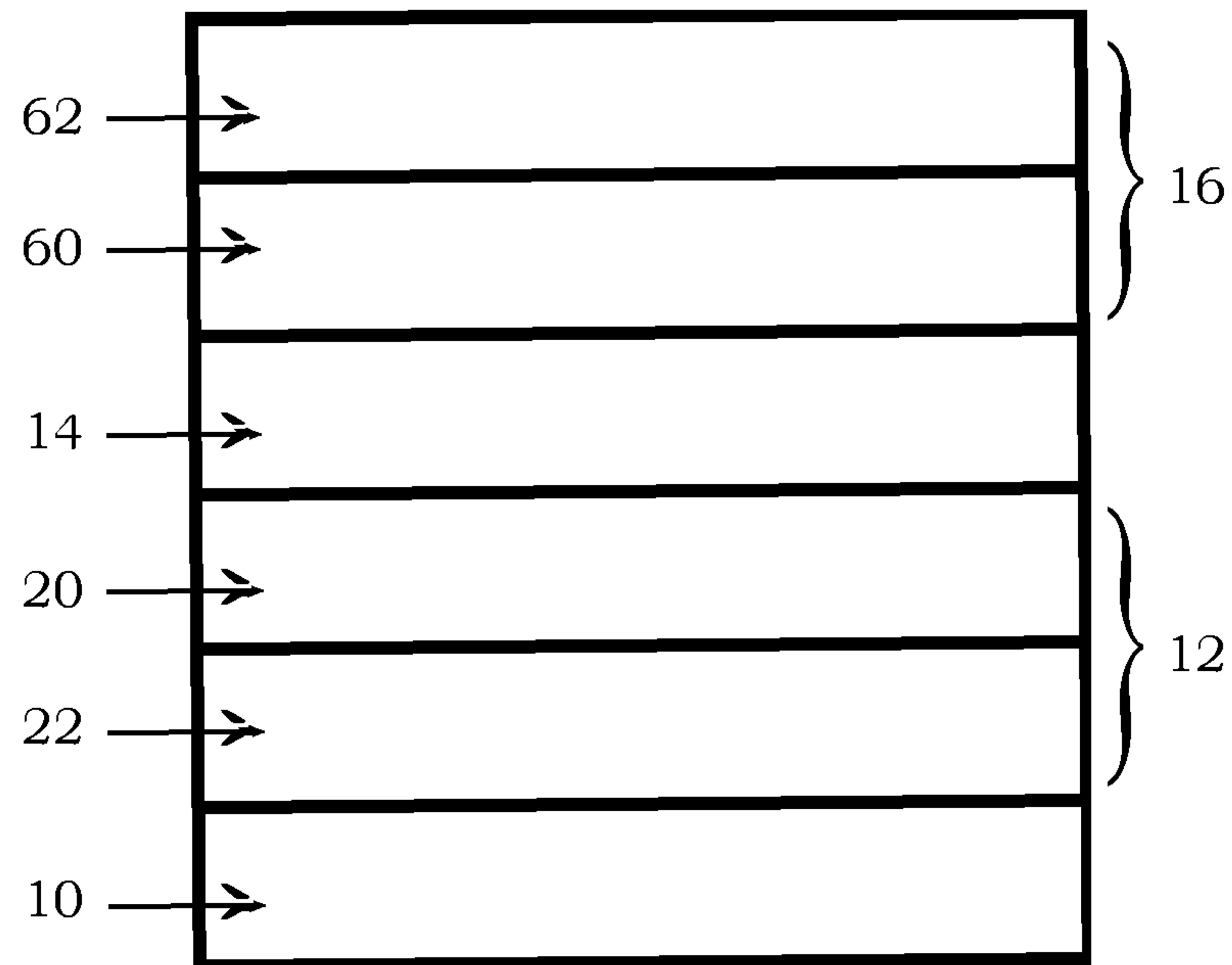


FIG. 1c

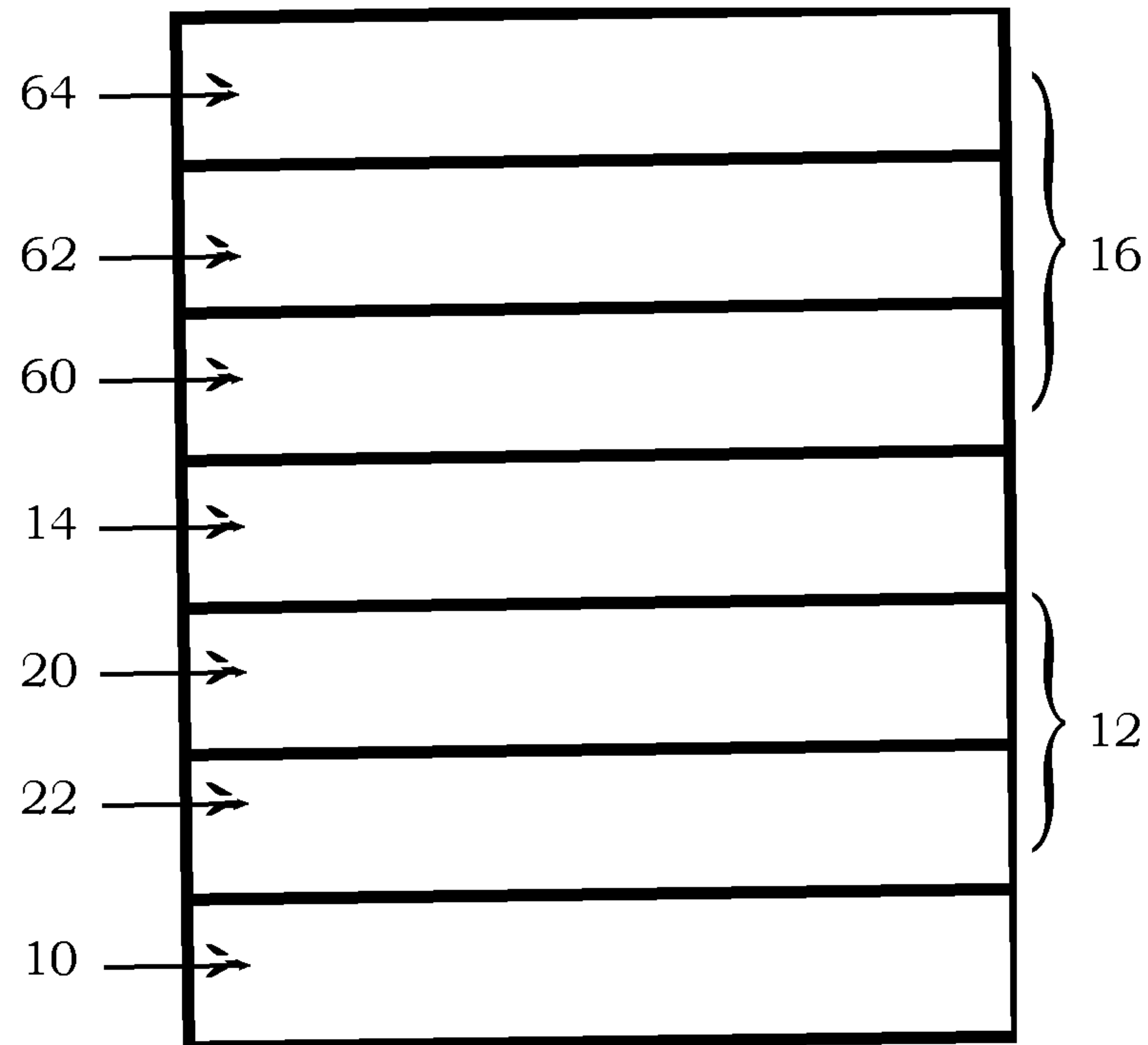


FIG. 1d

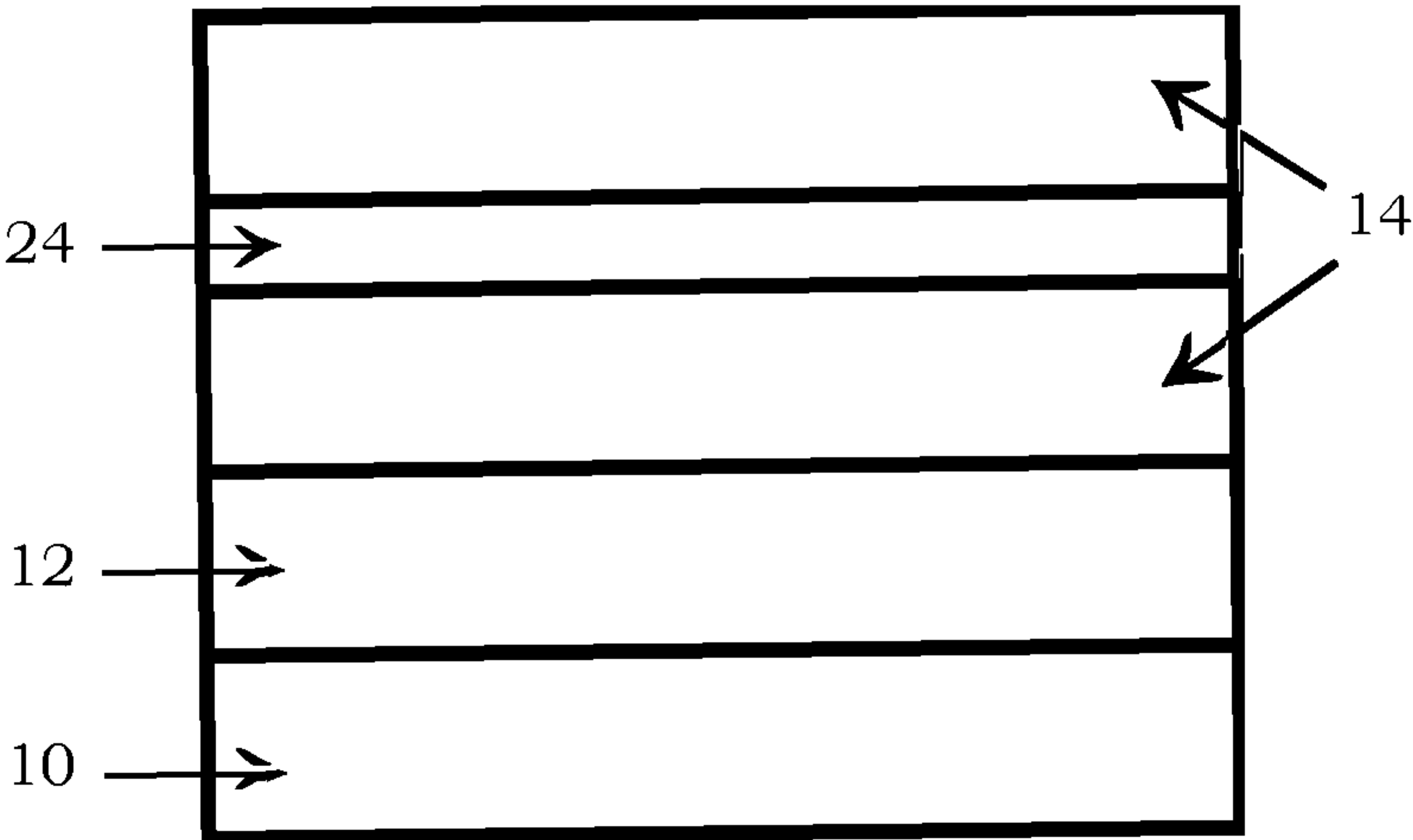


FIG. 2a

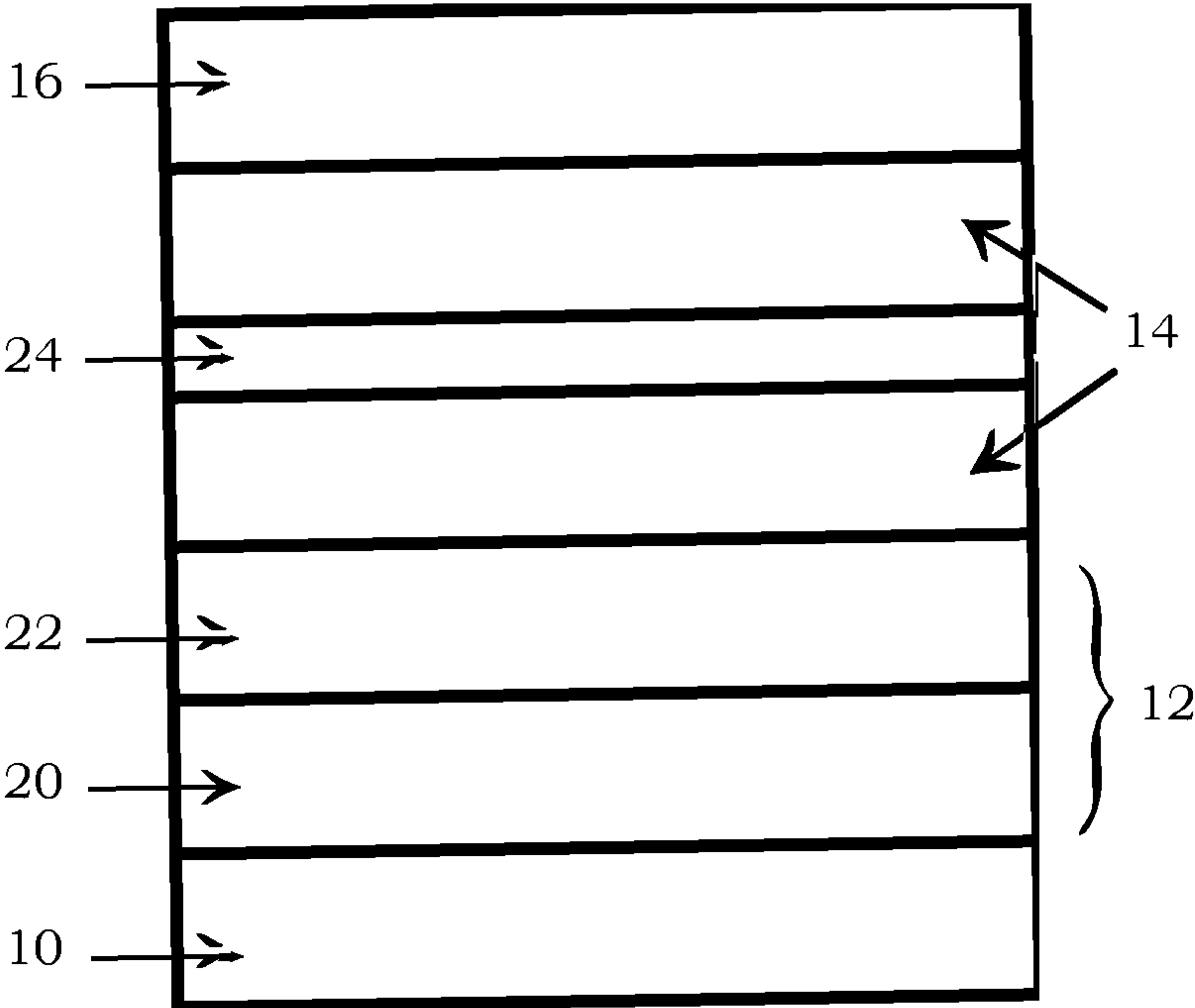


FIG. 2b

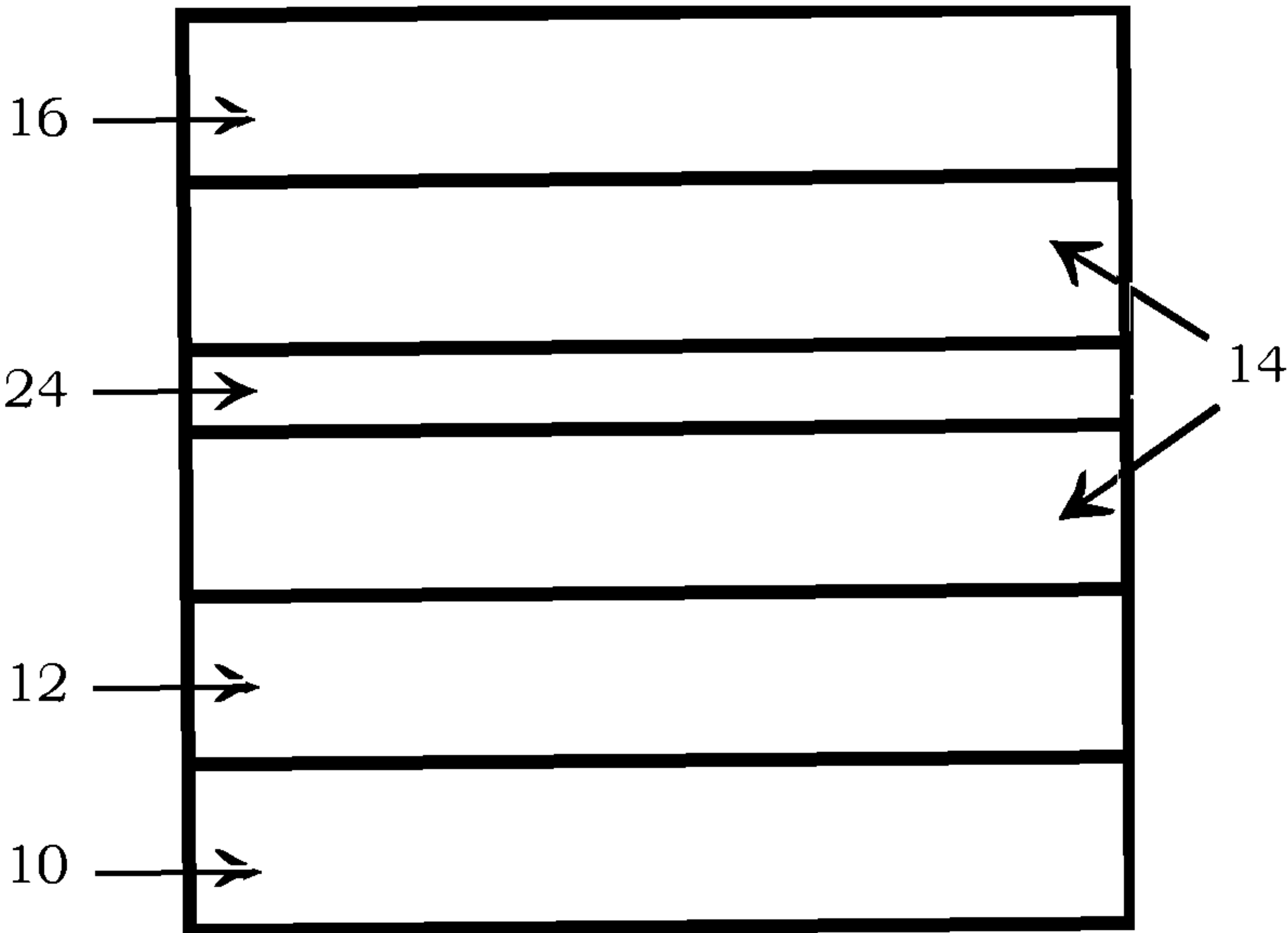


FIG. 2c

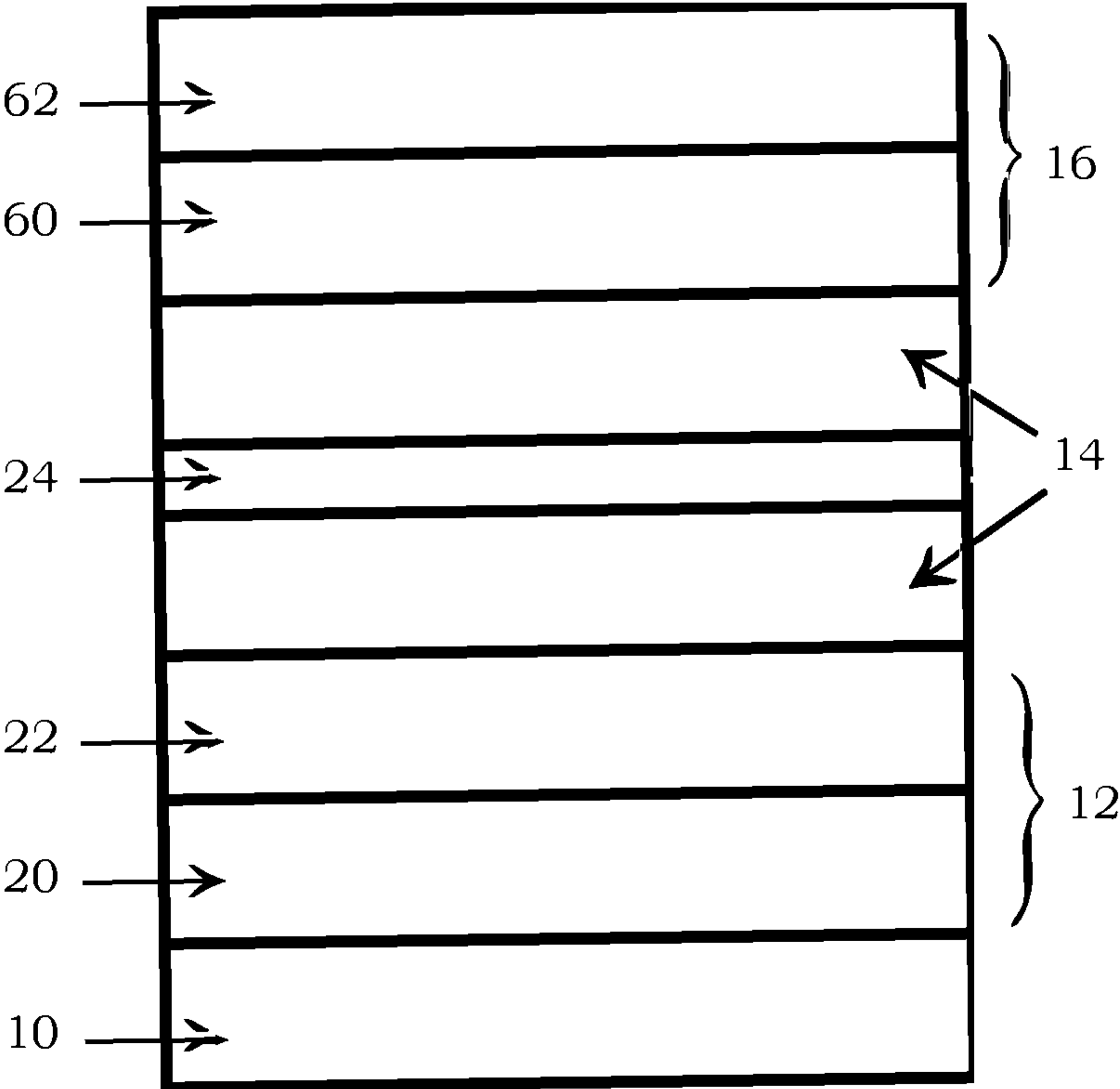


FIG. 2d

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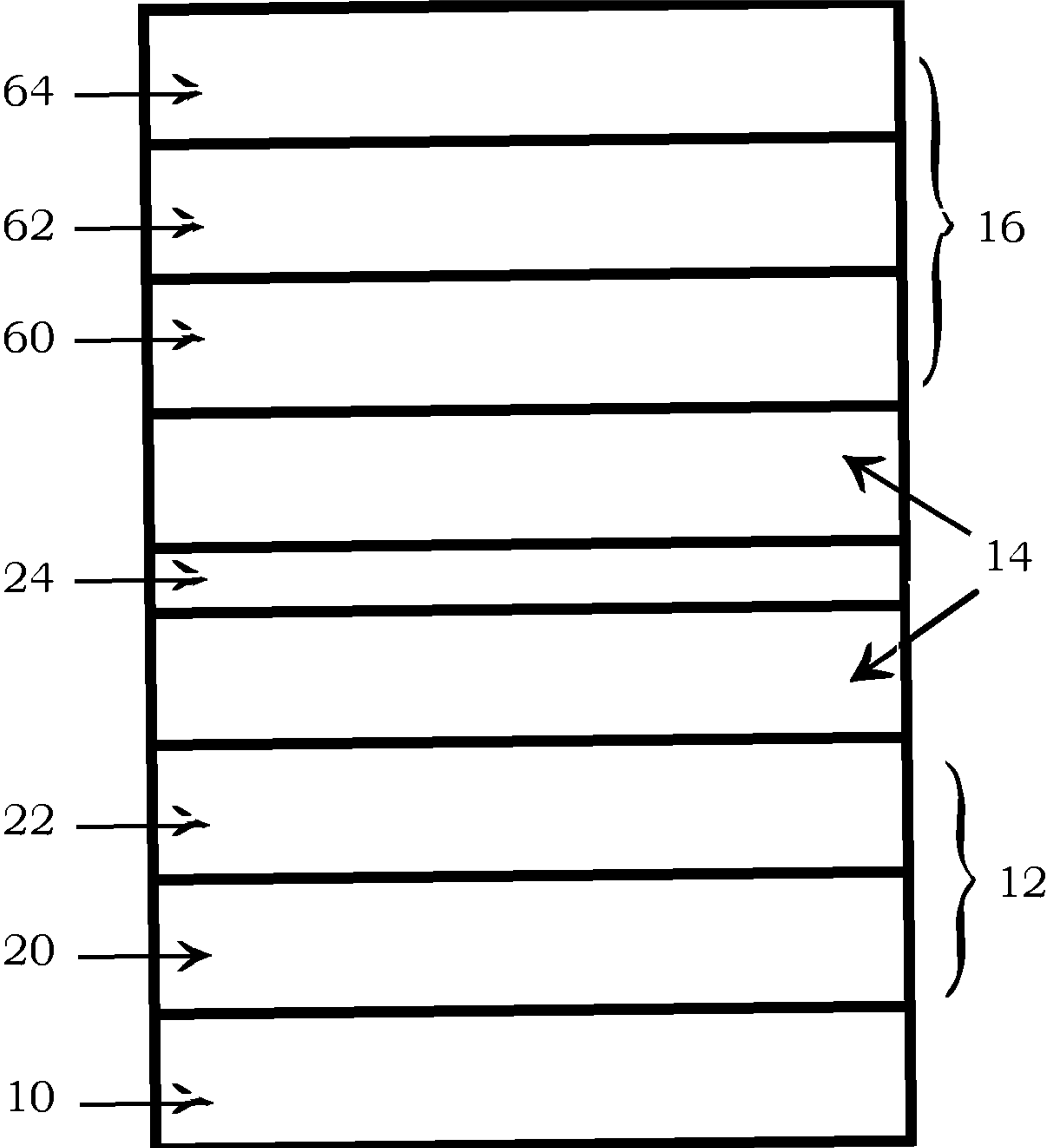


FIG. 2e

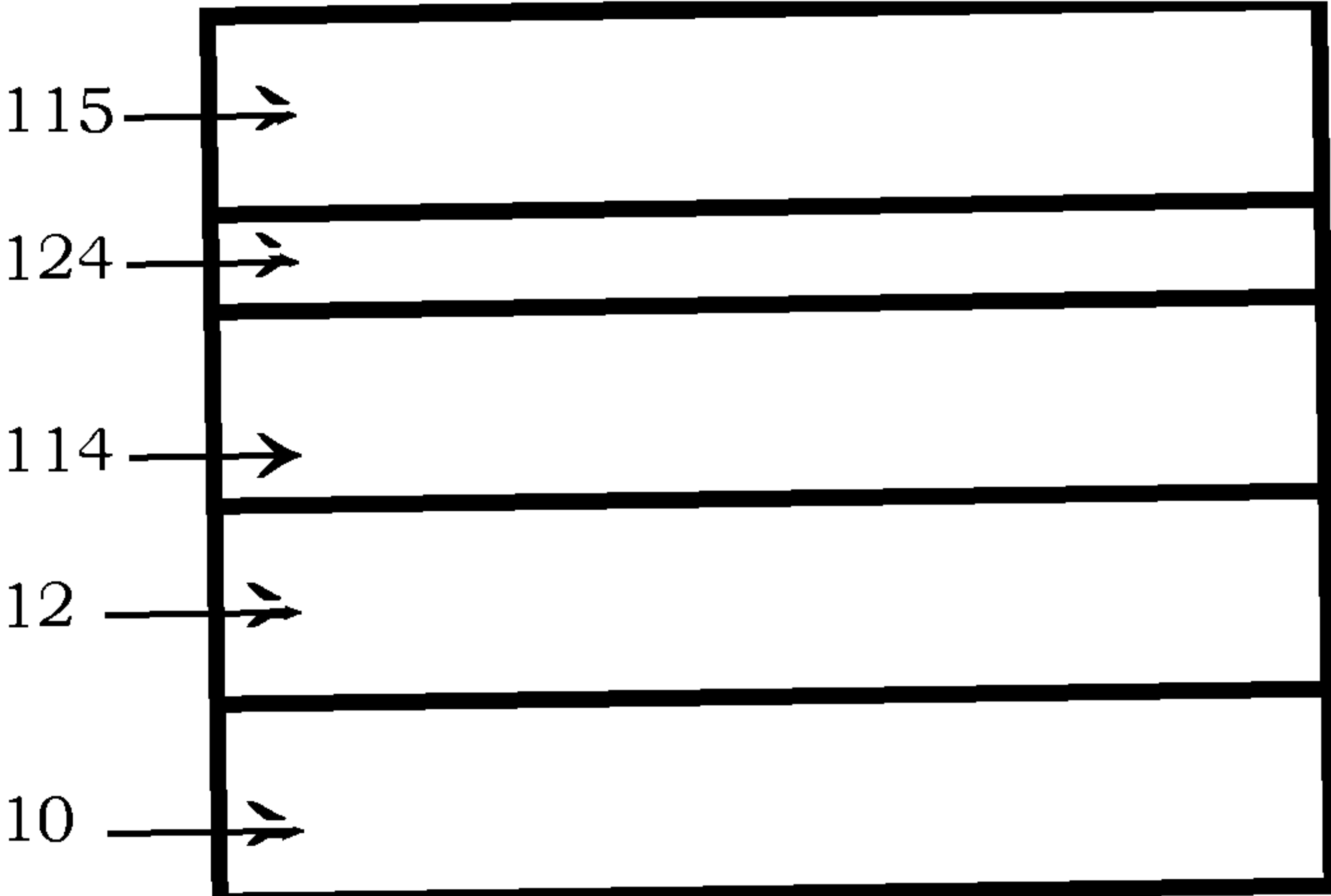


FIG. 3a

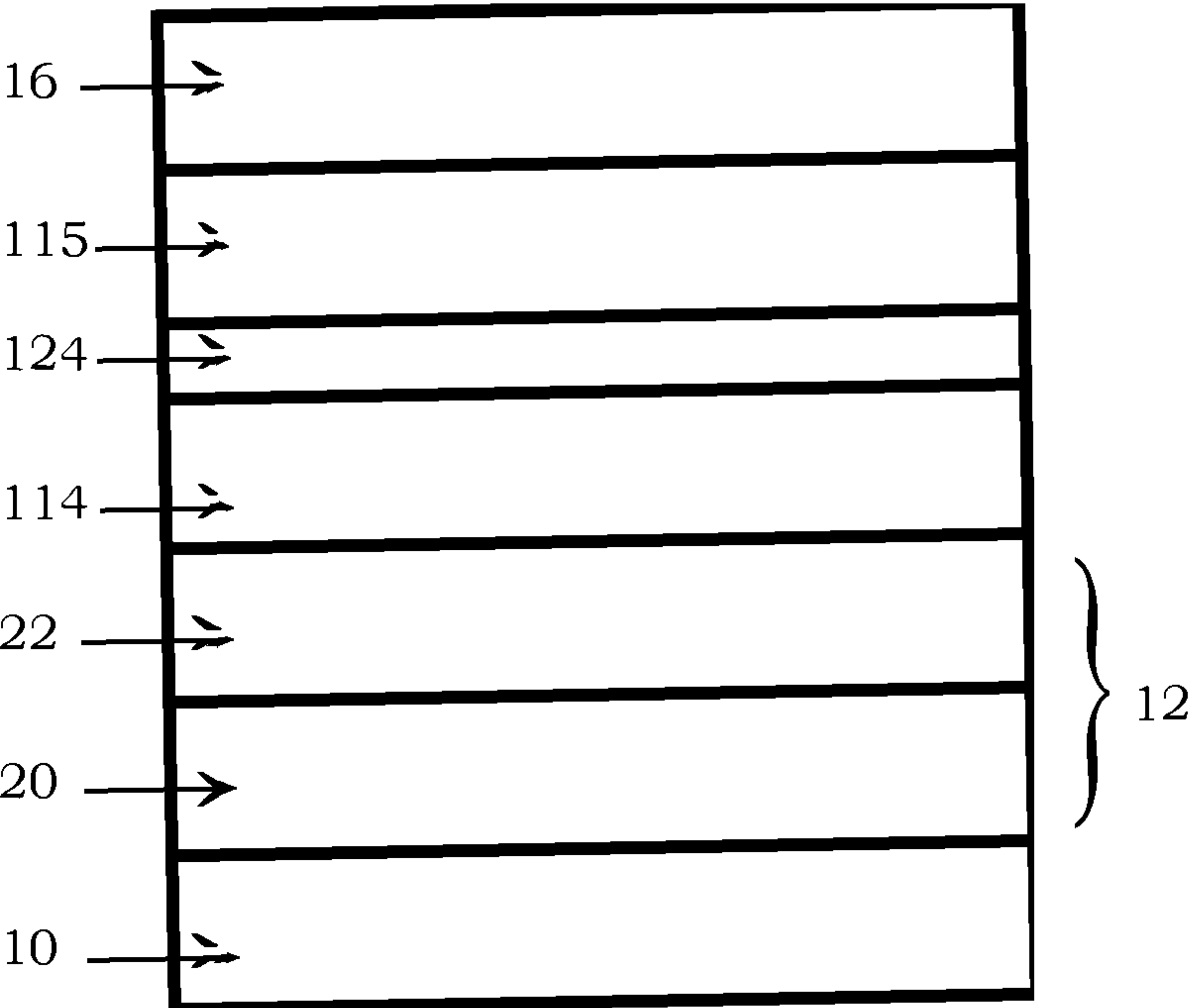


FIG. 3b

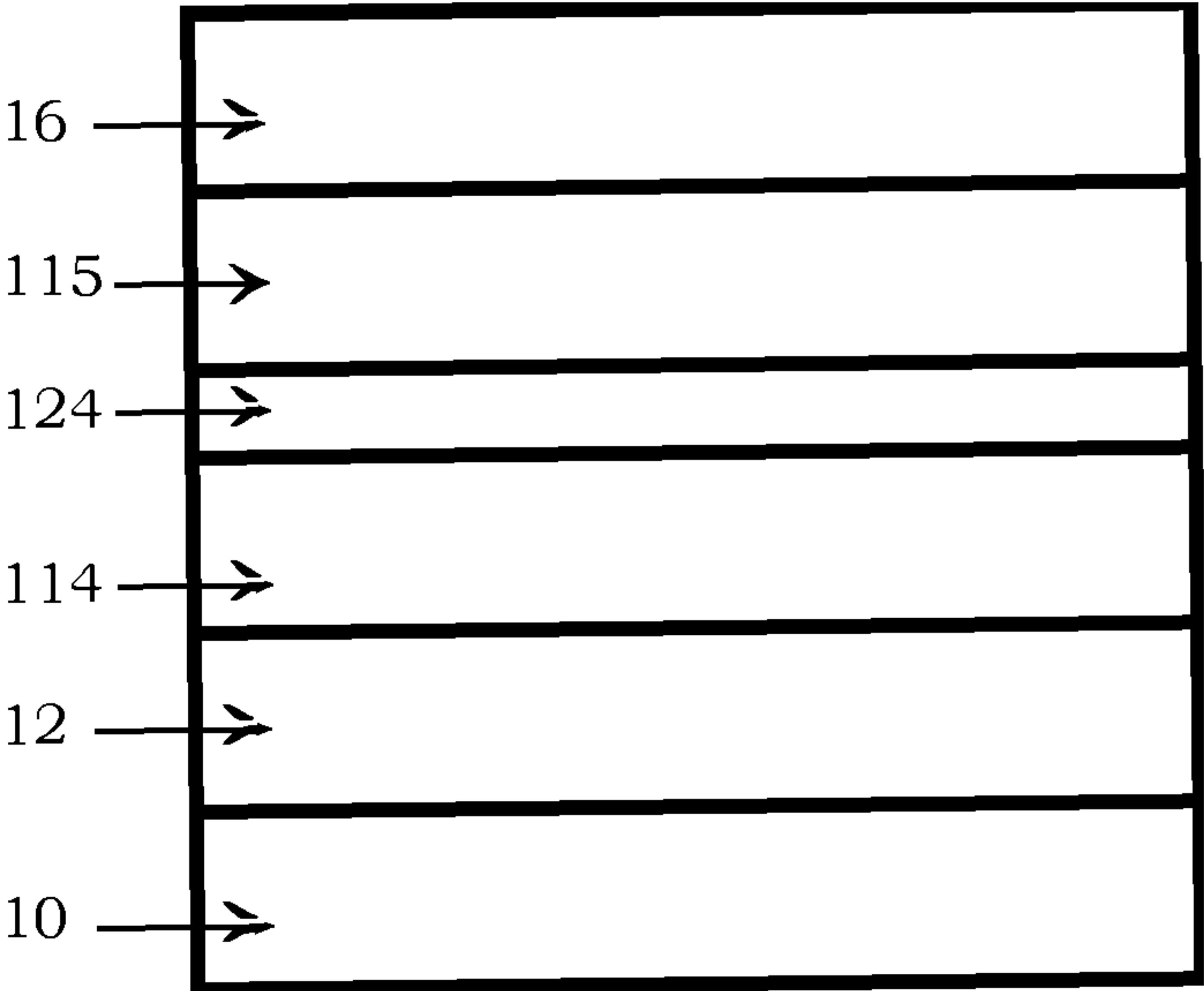


FIG. 3c

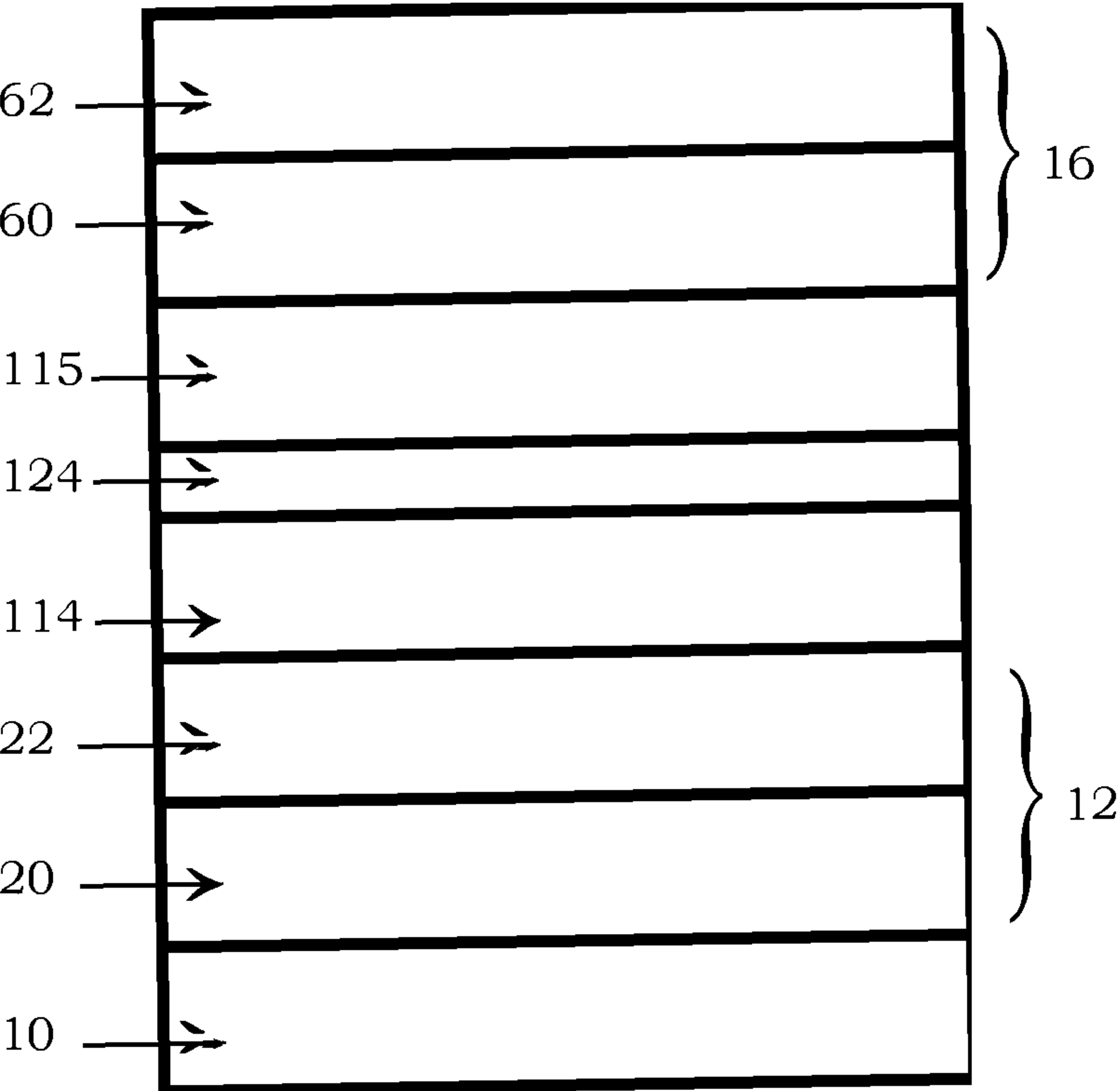


FIG. 3d

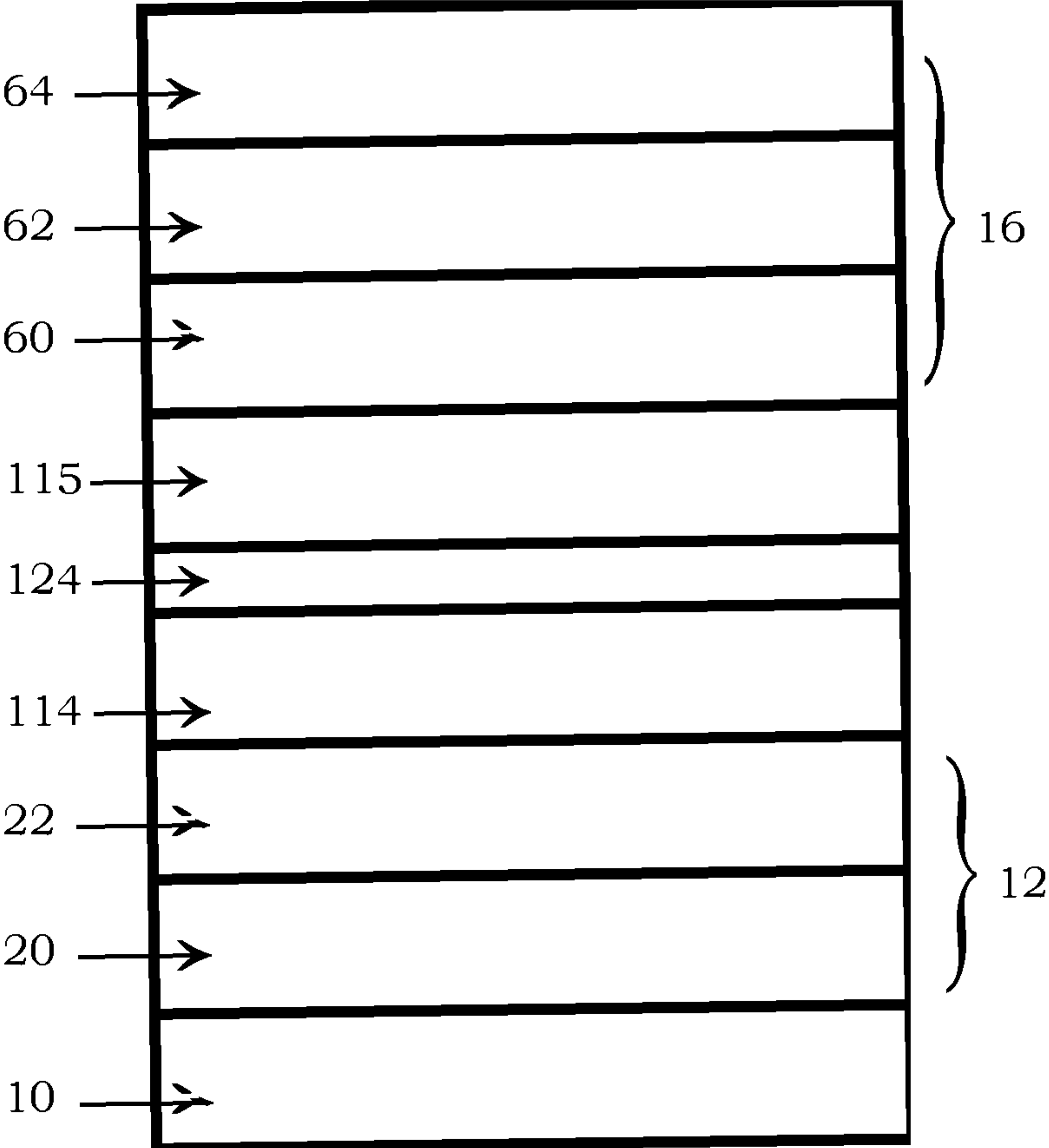


FIG. 3e

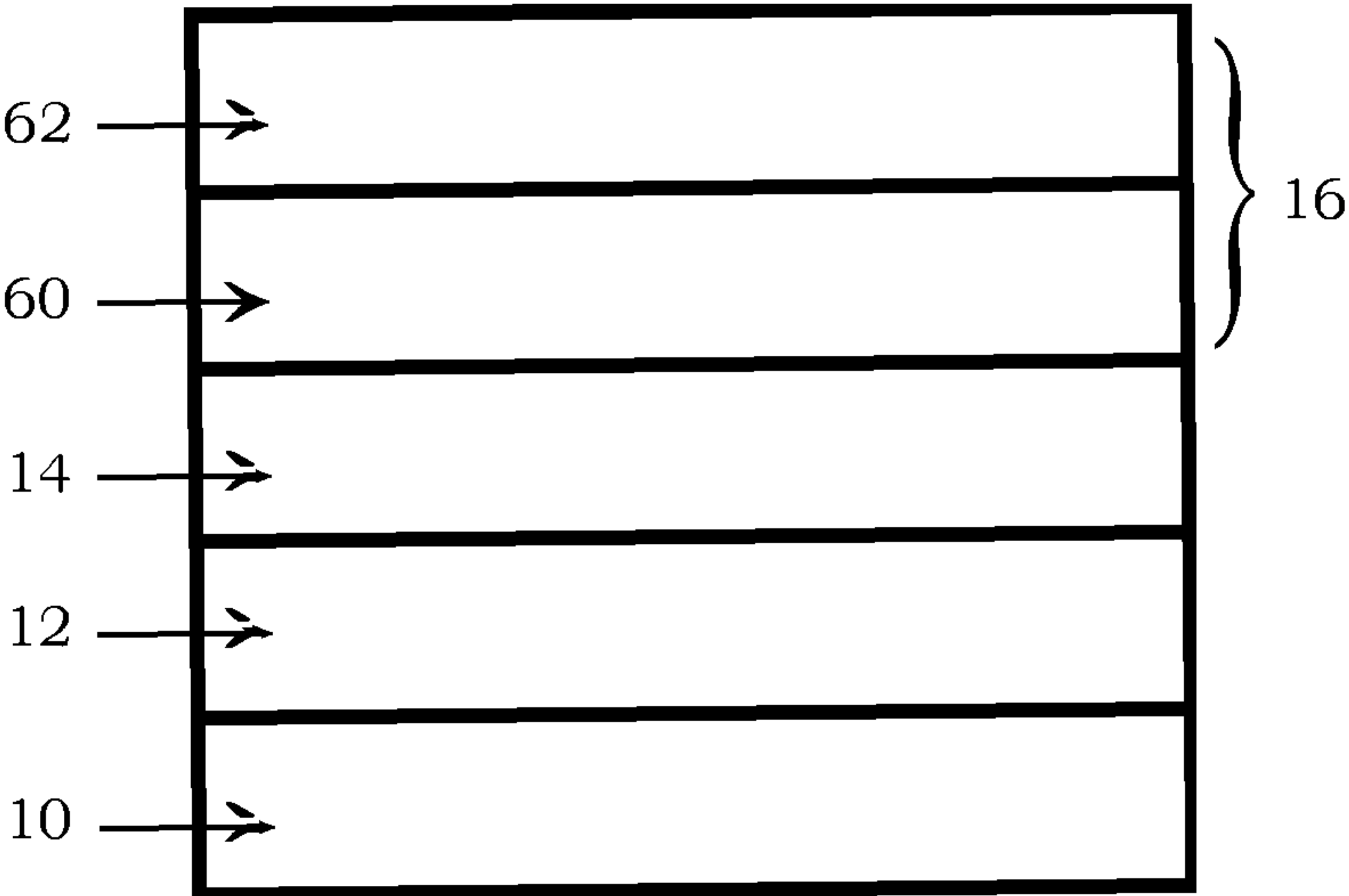


FIG. 4a

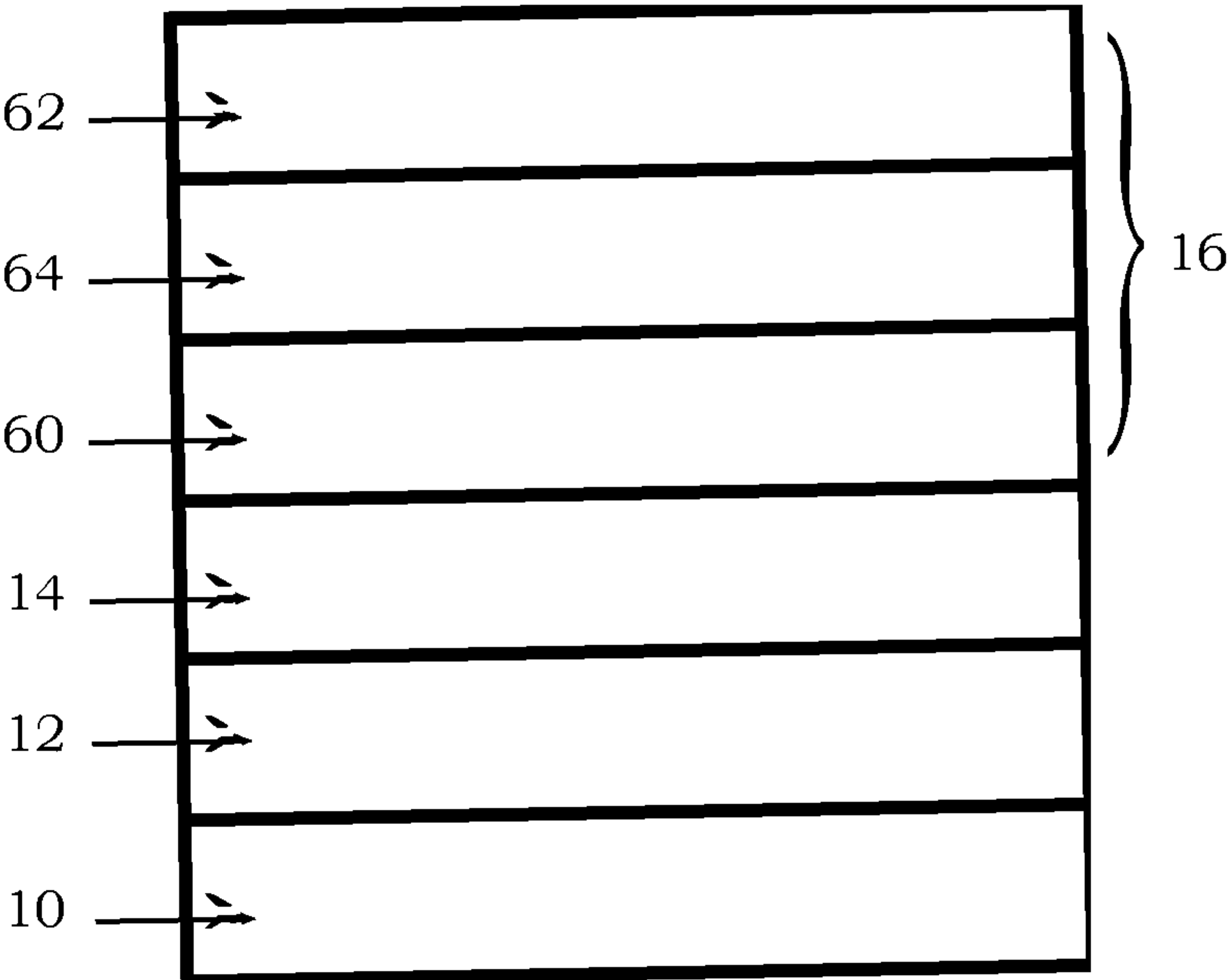


FIG. 4b

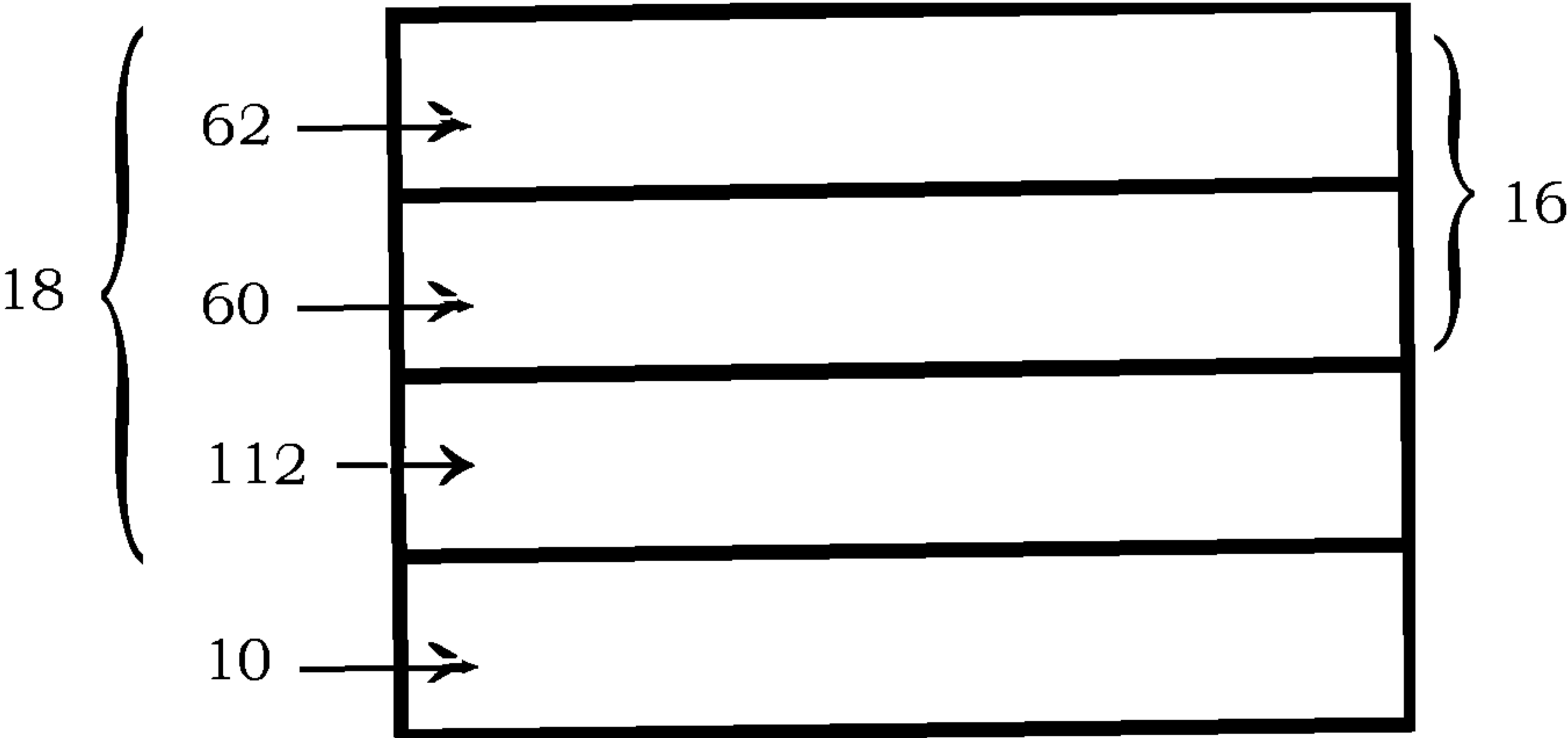


FIG. 5a

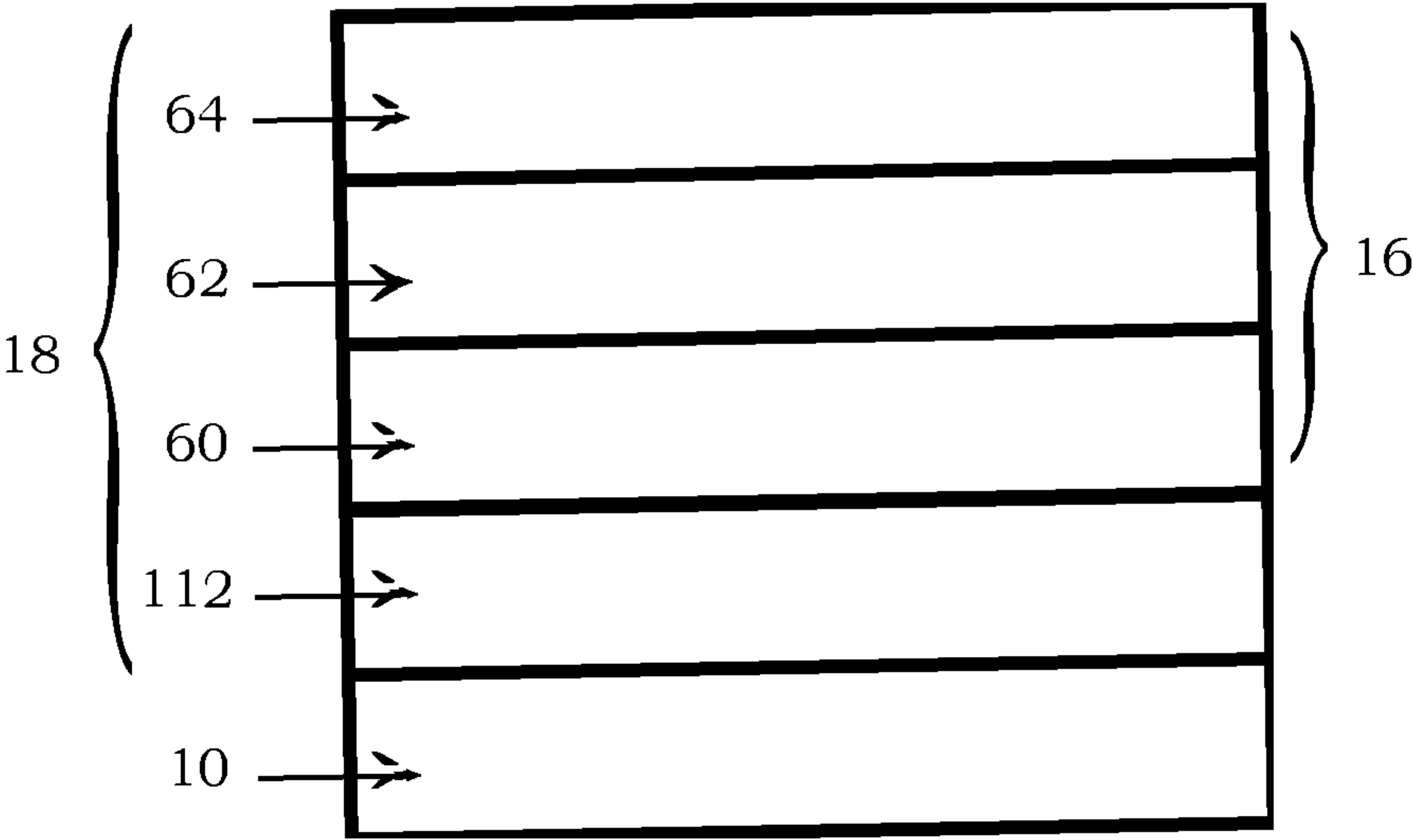


FIG. 5b

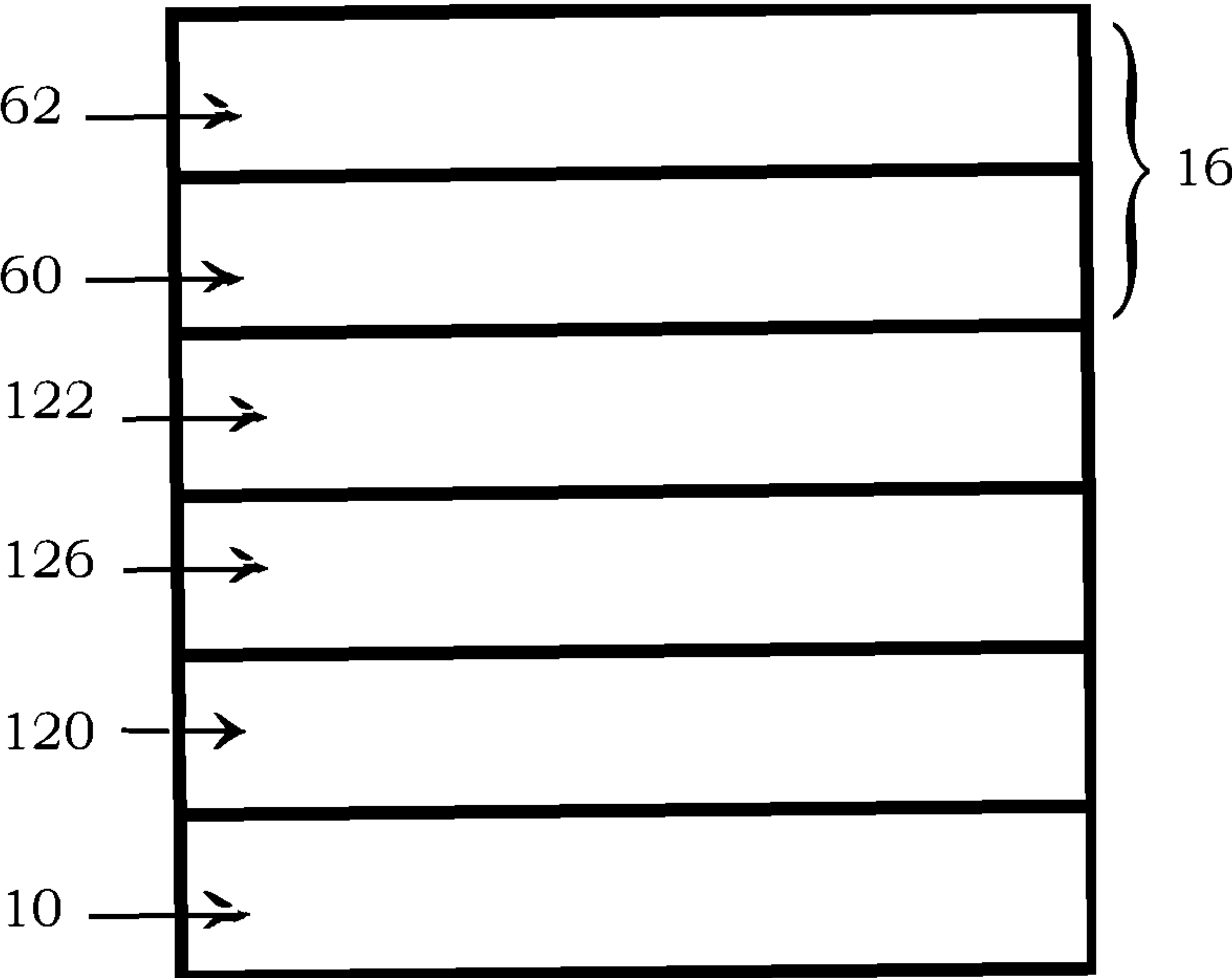


FIG. 6a

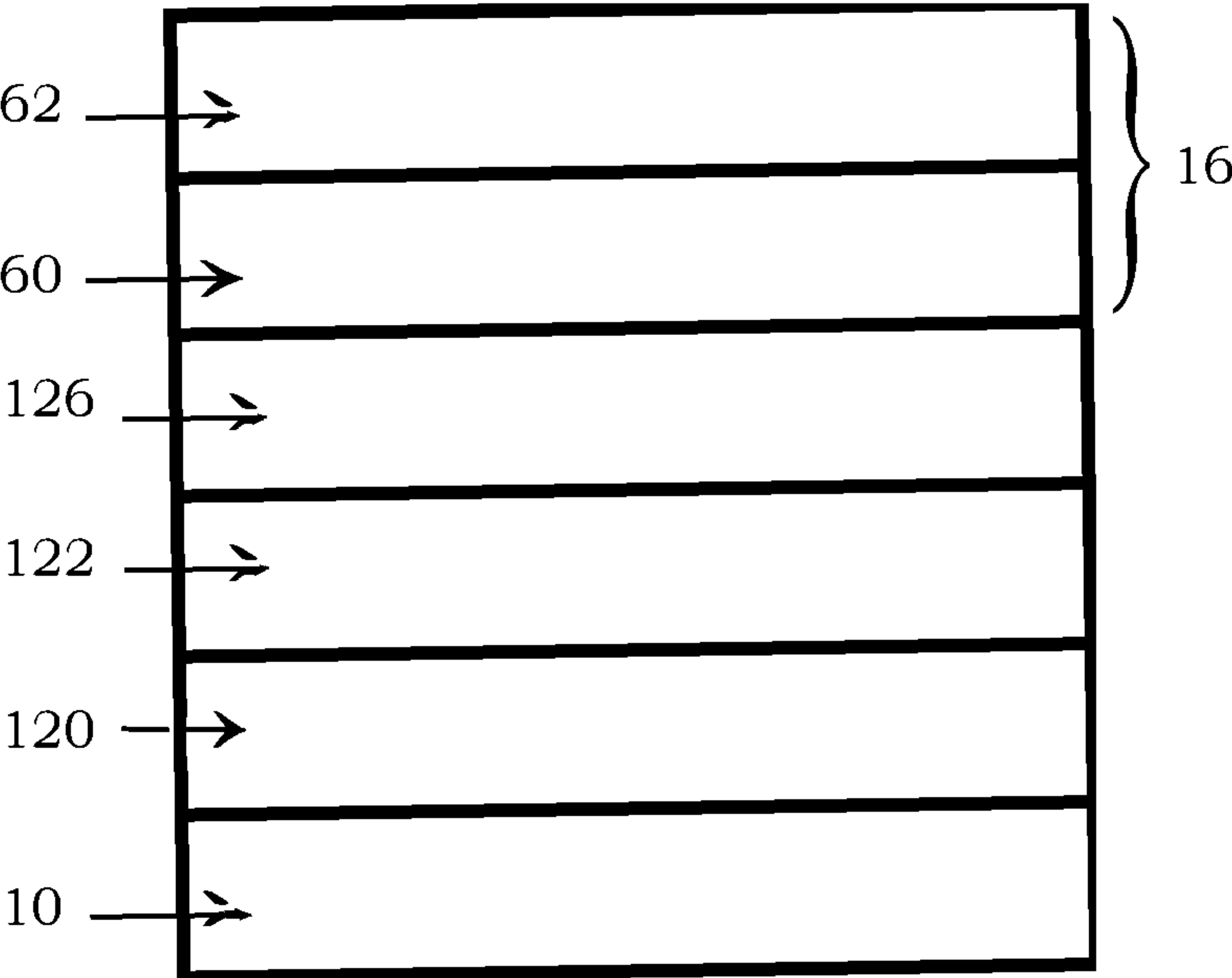


FIG. 6b

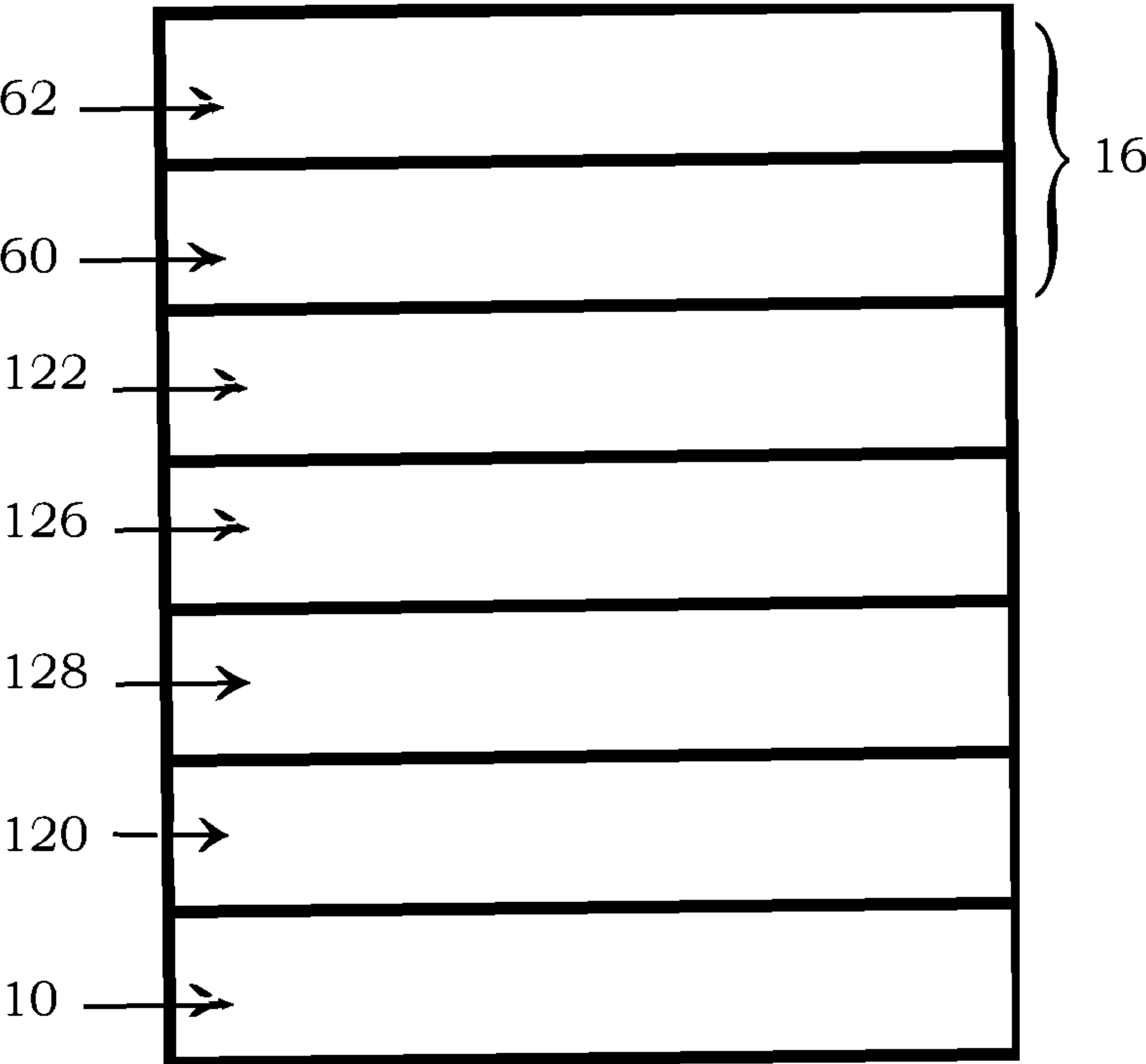


FIG. 6c

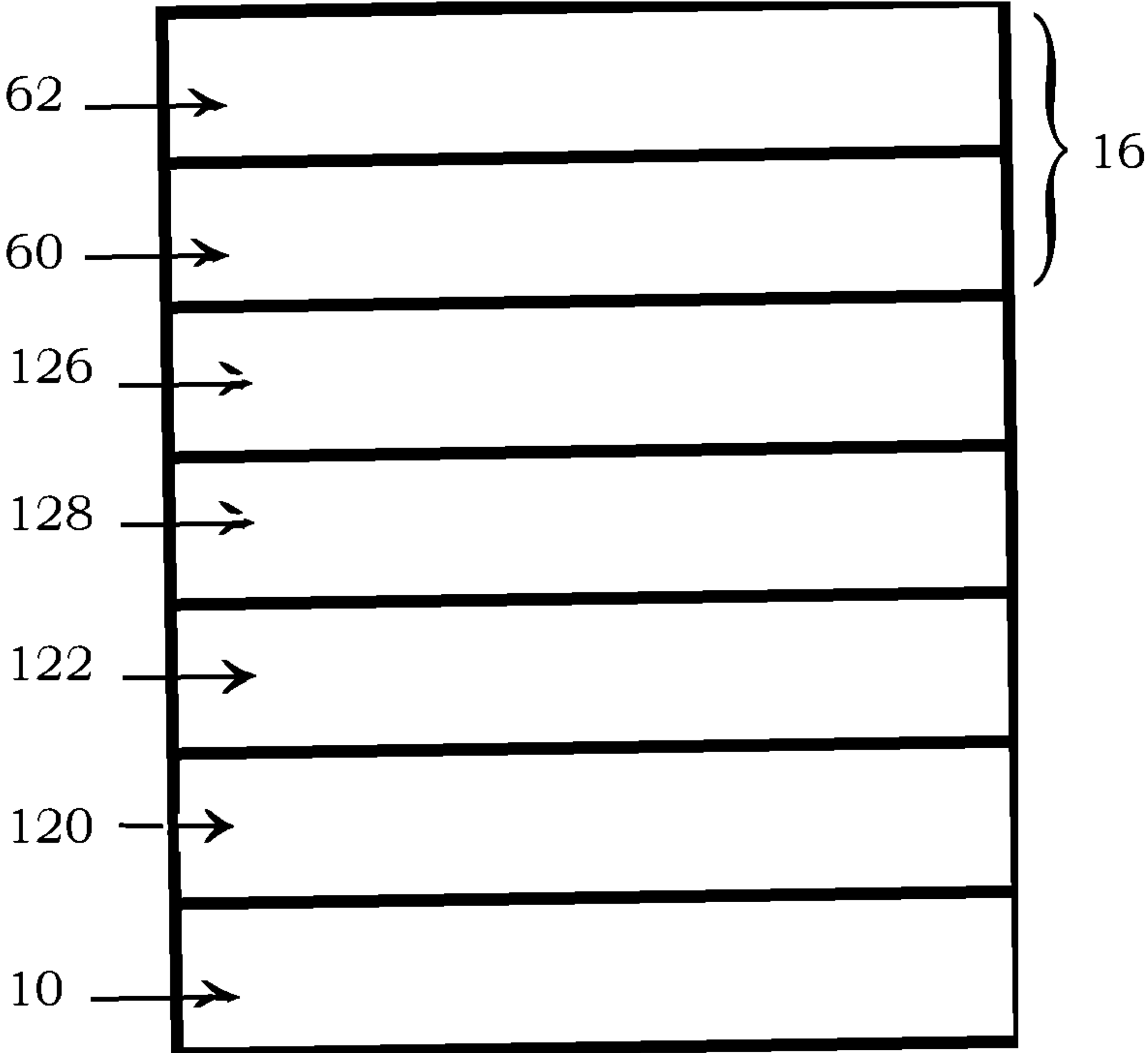


FIG. 6d

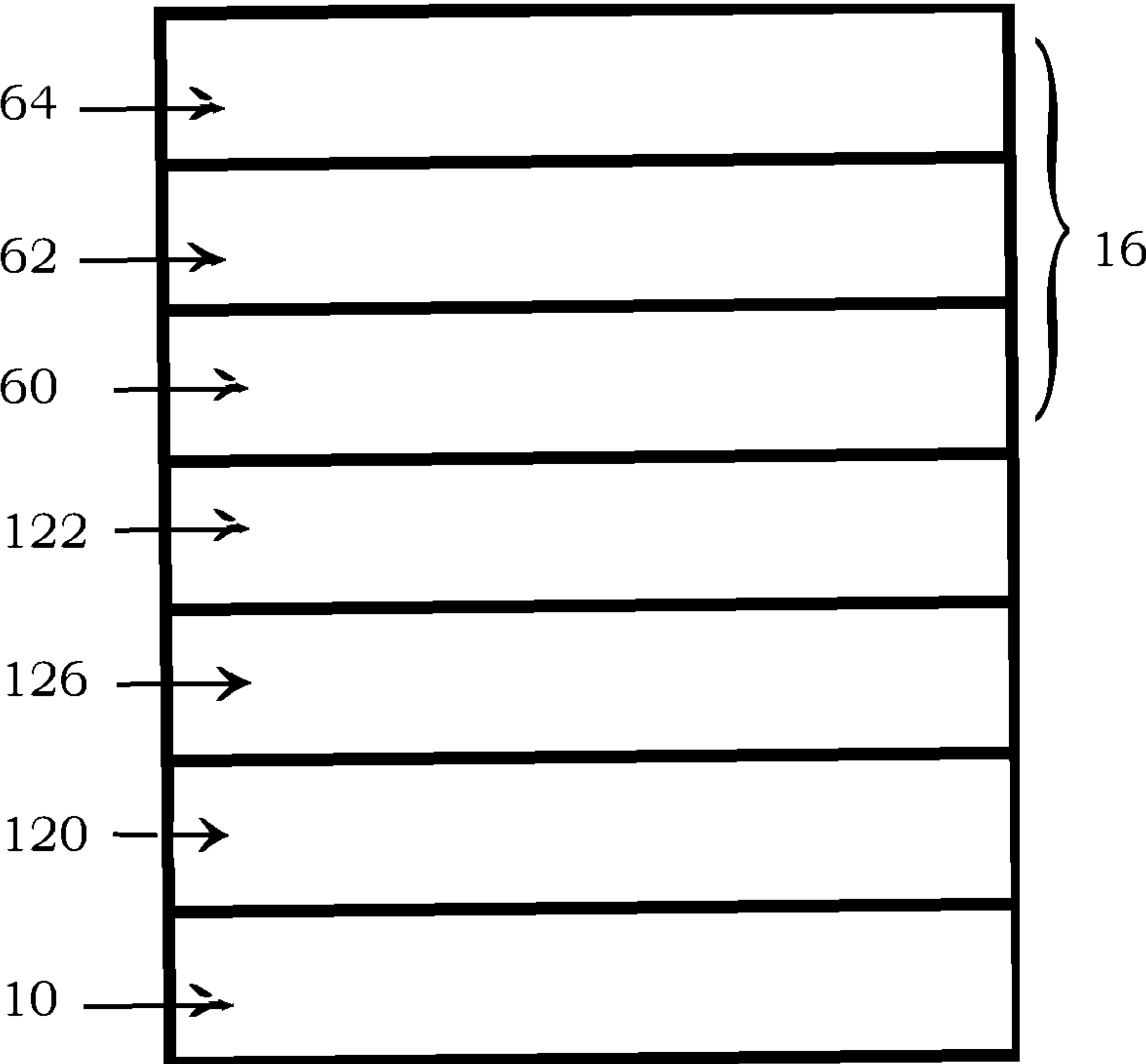


FIG. 6e

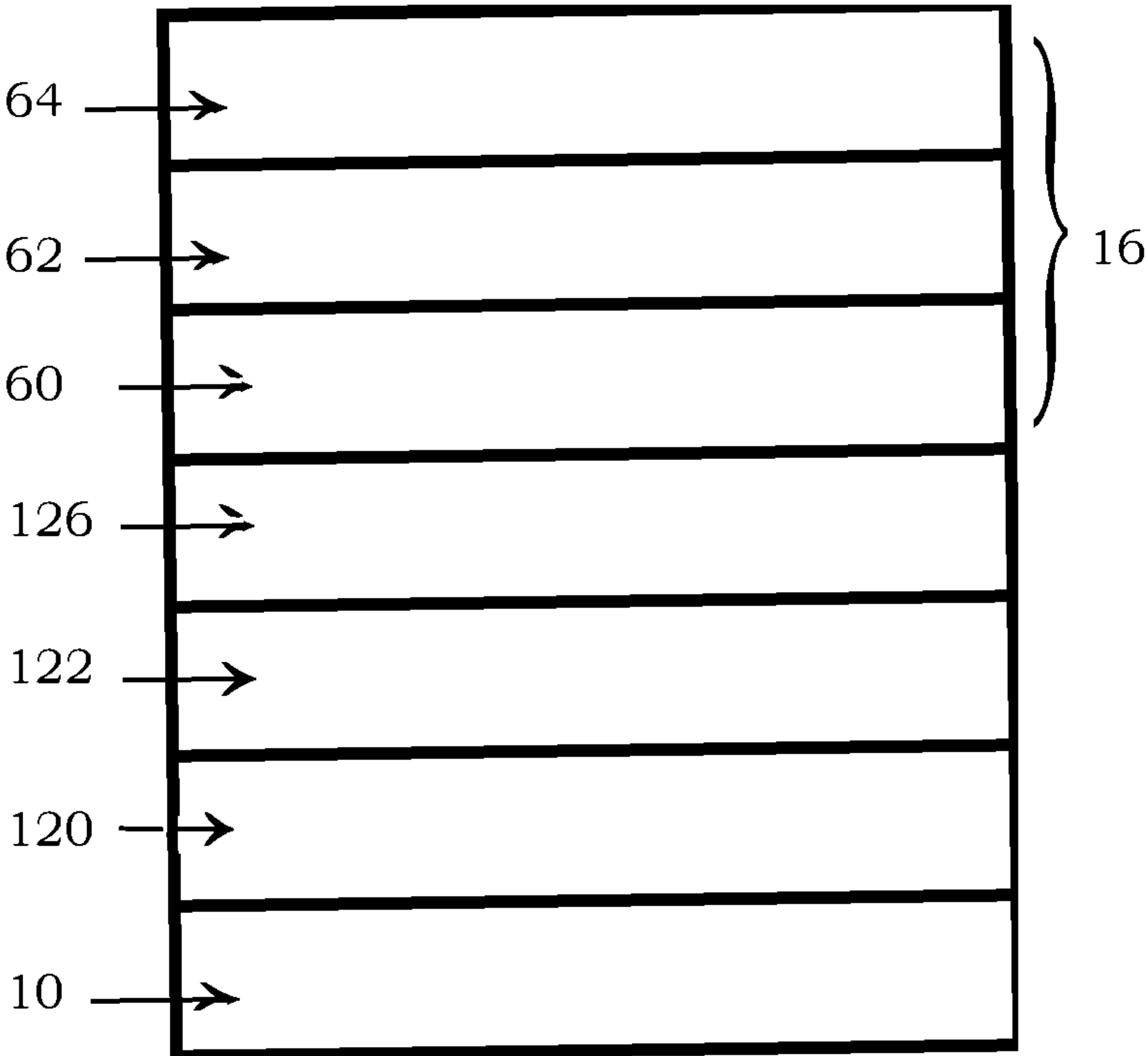


FIG. 6f

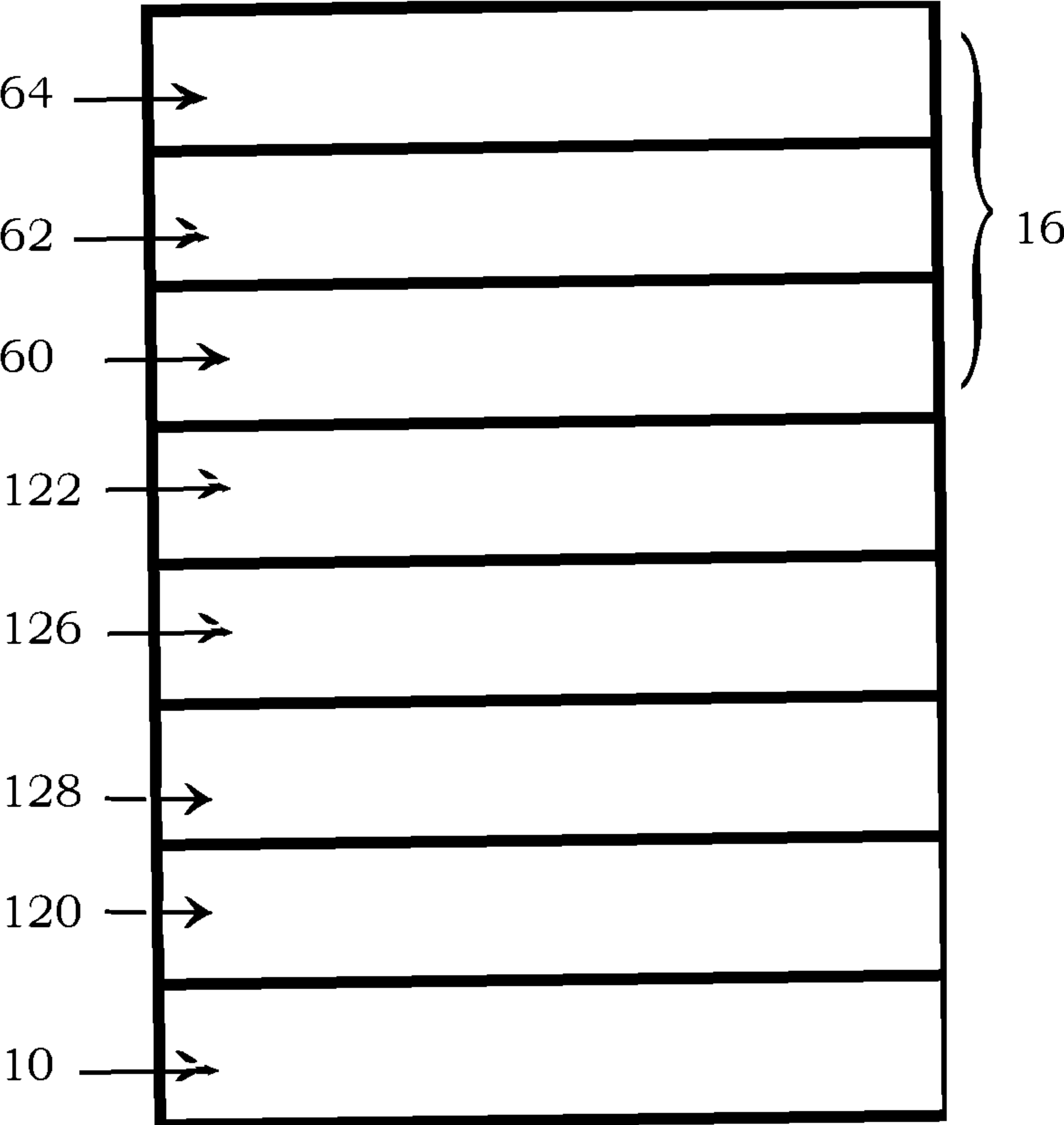


FIG. 6g

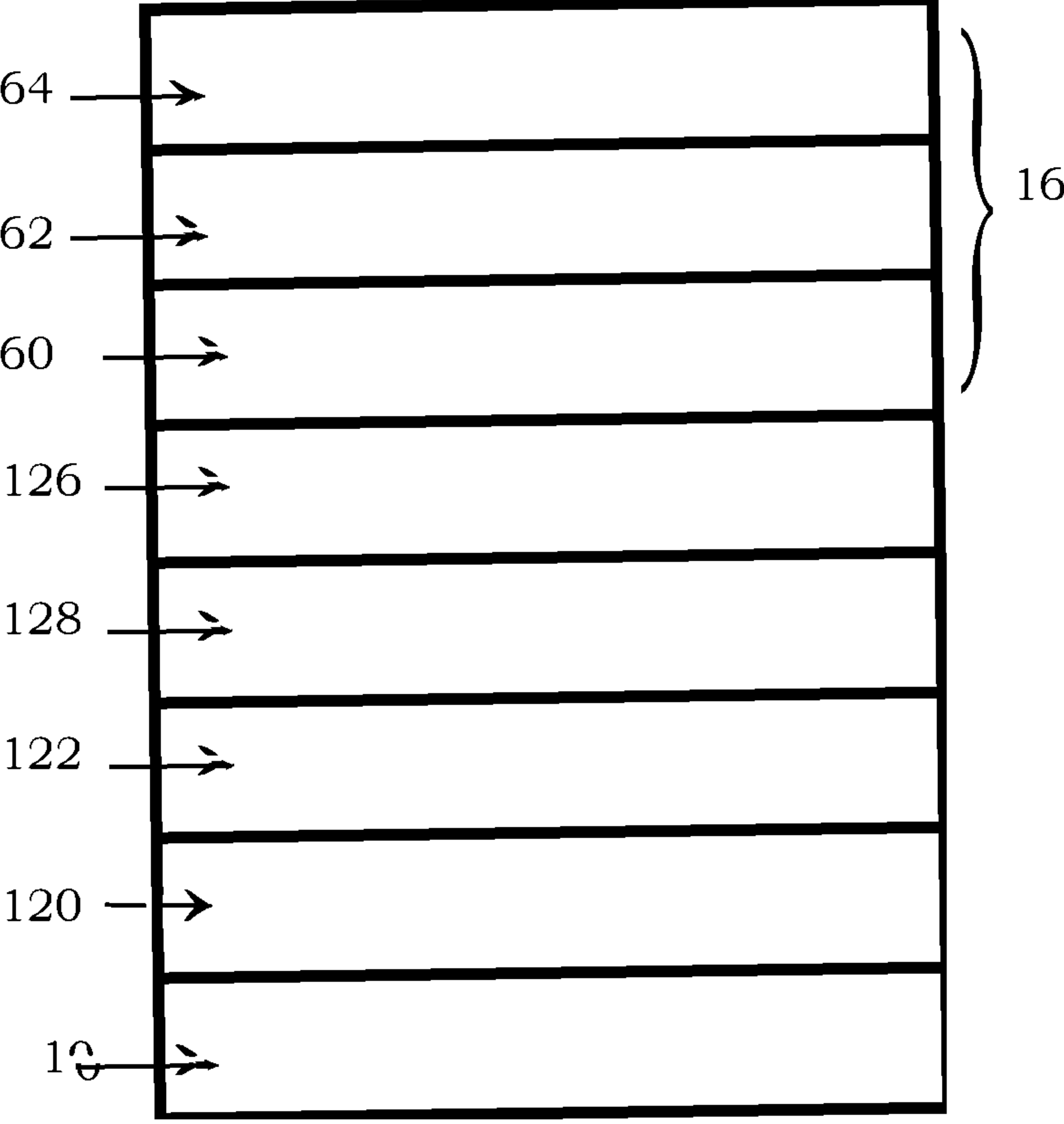


FIG. 6h

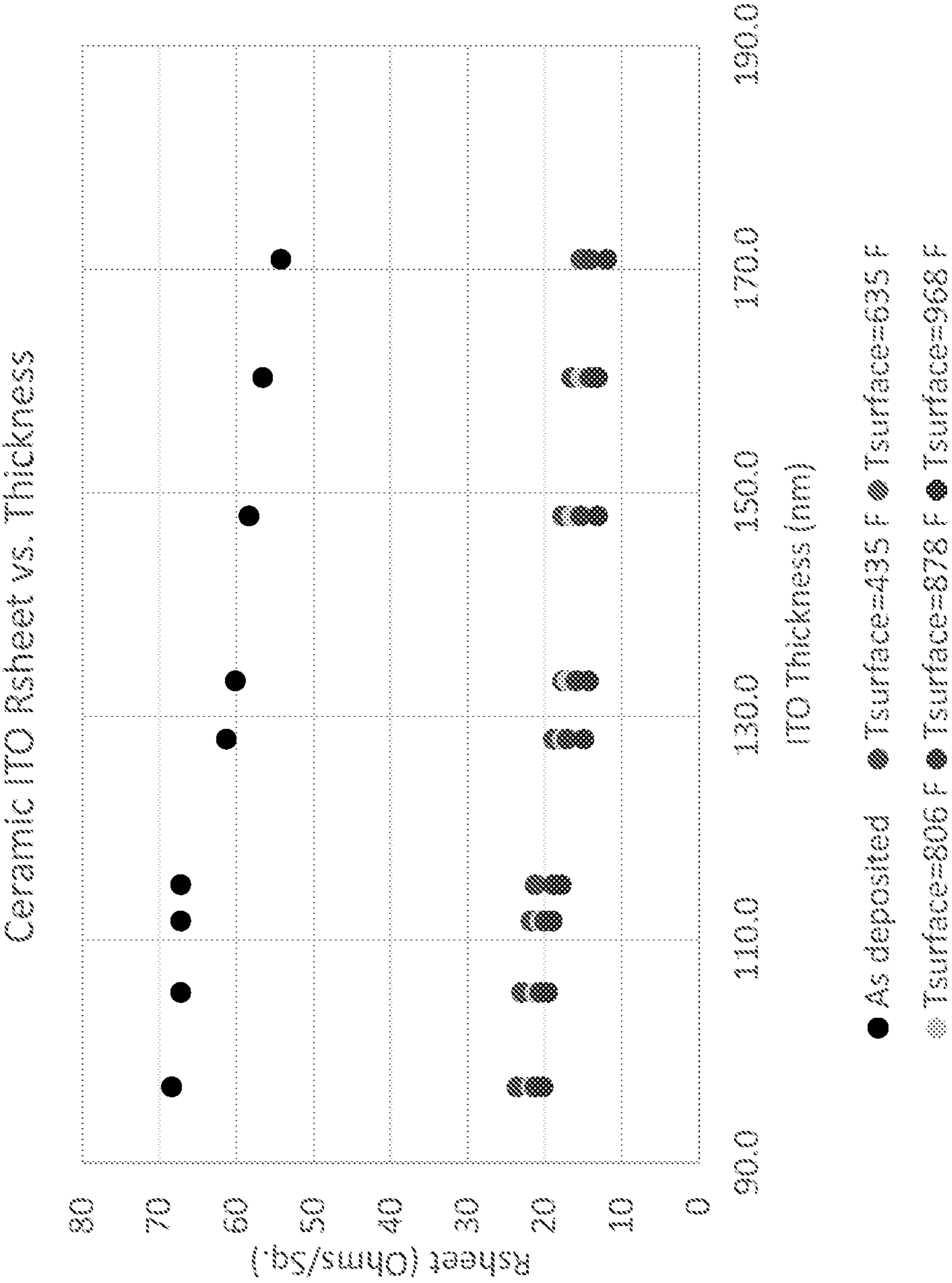


FIG. 7

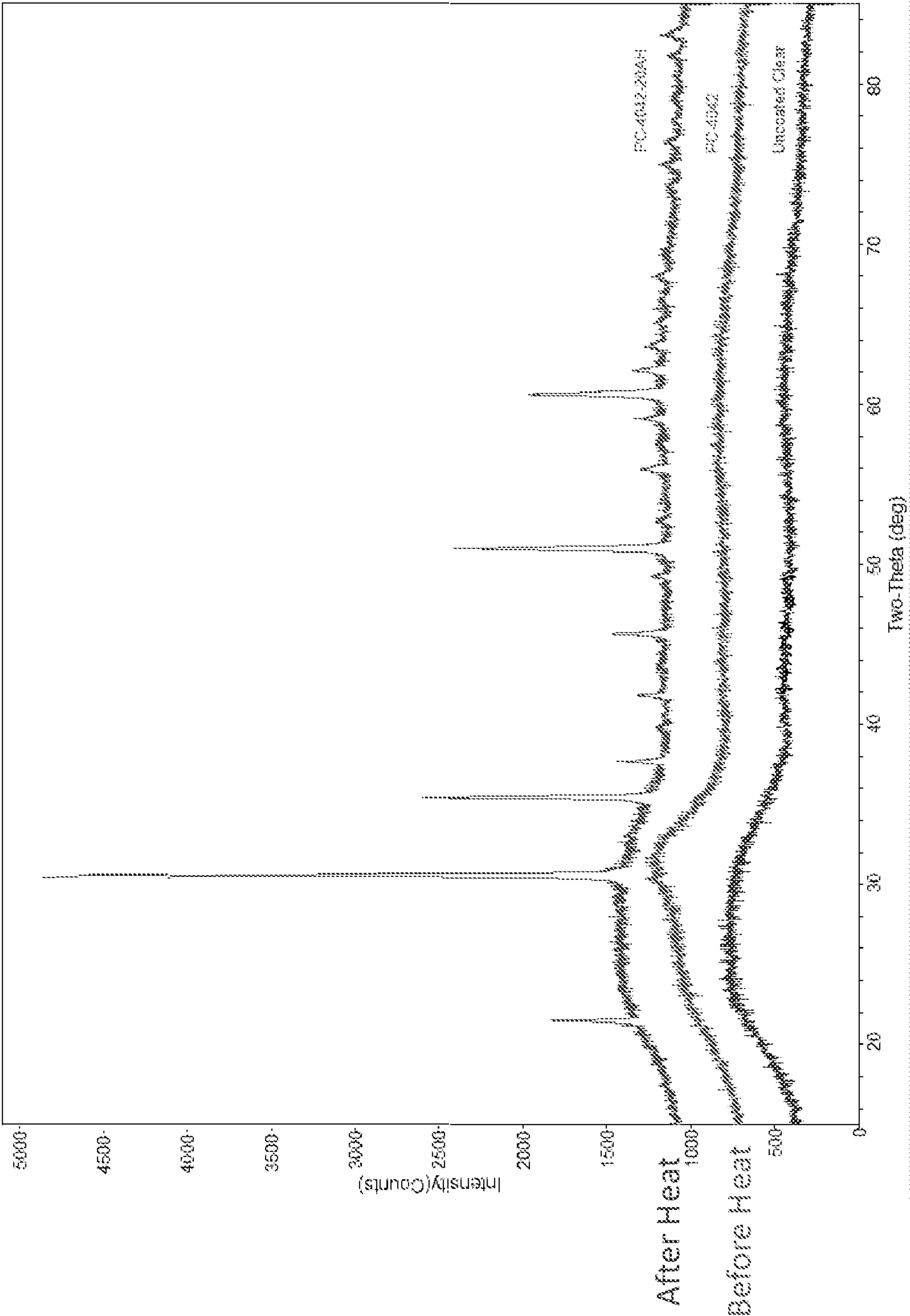


FIG. 8a

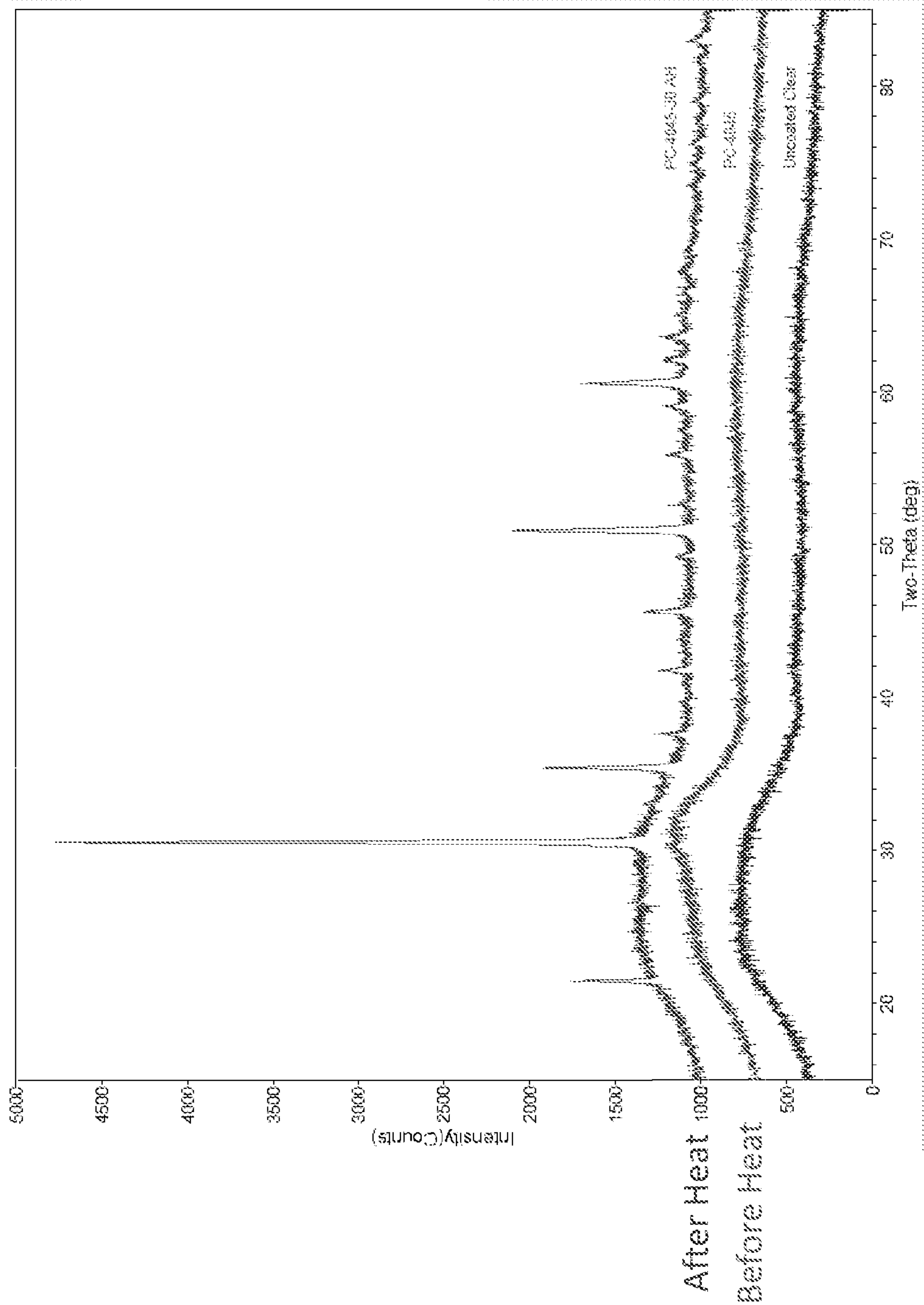


FIG. 8b

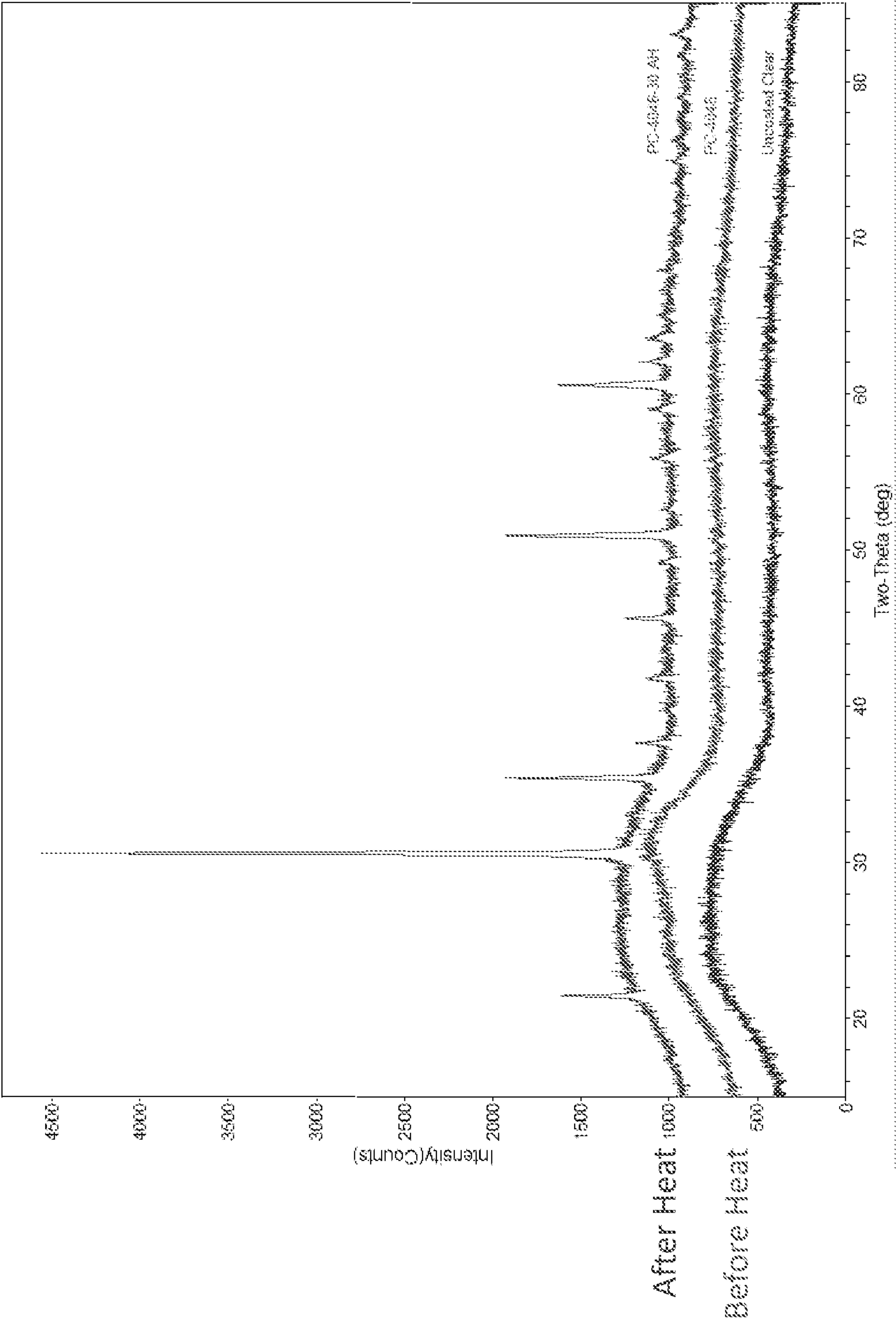


FIG. 8c

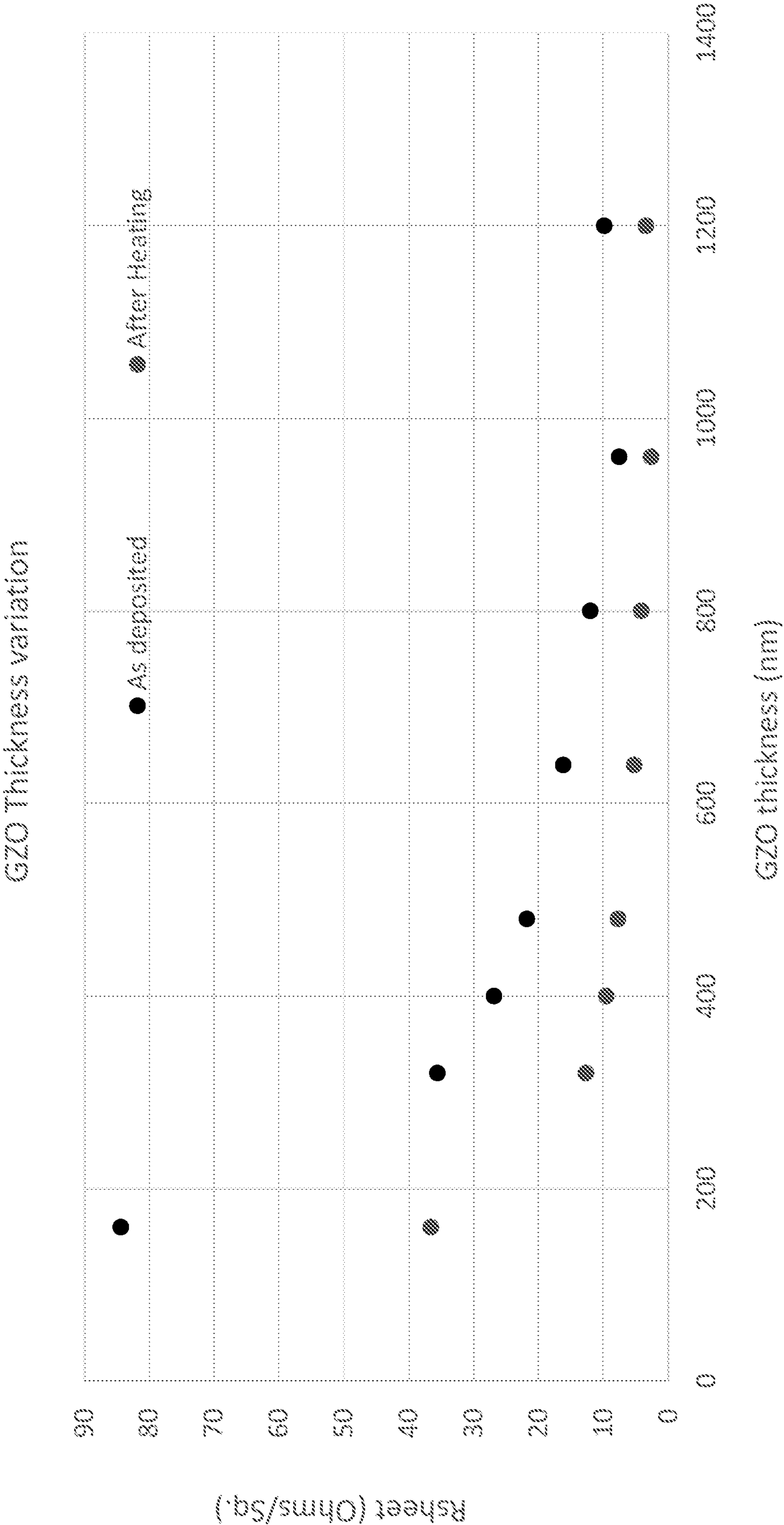


FIG. 9

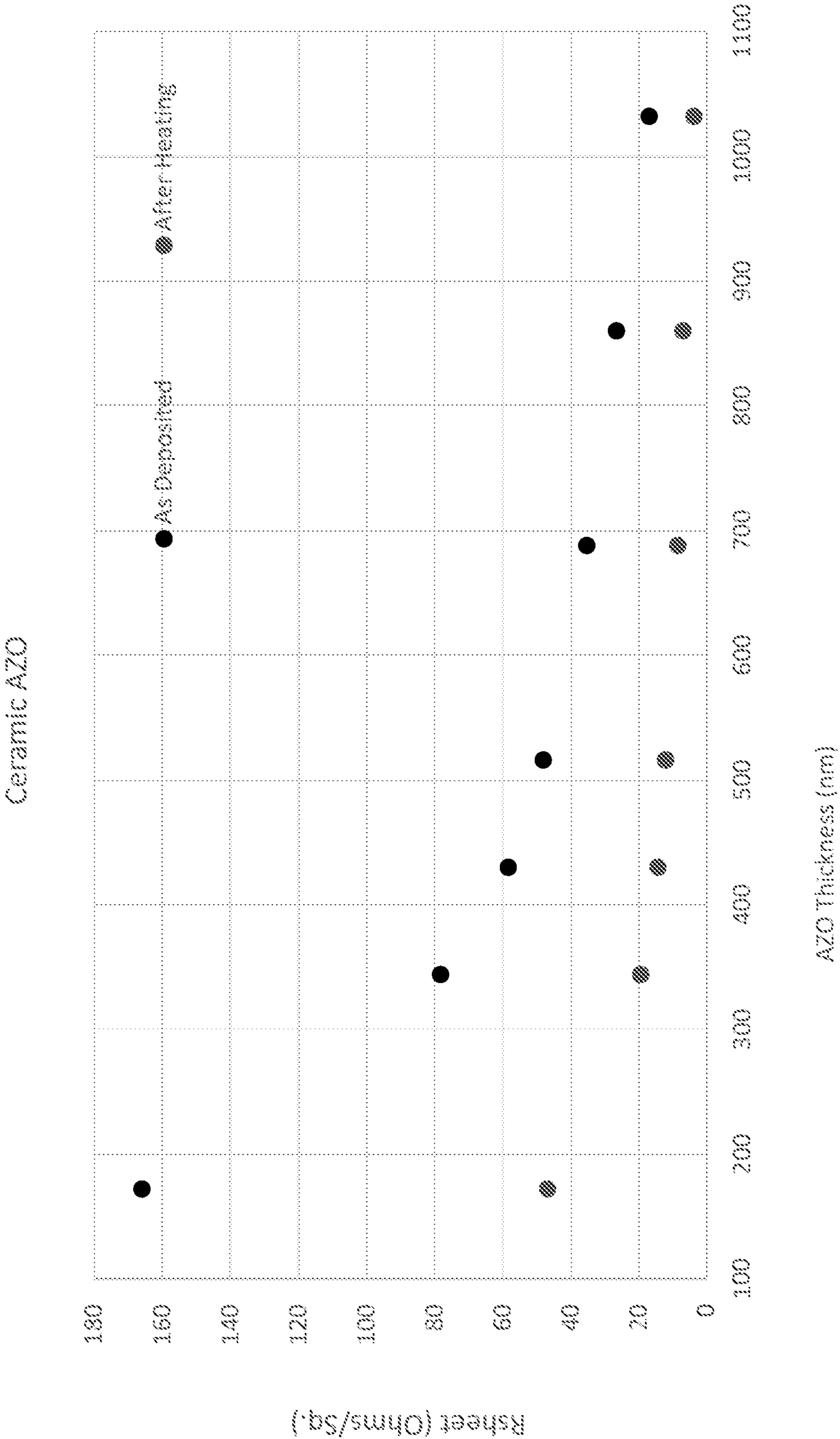


FIG. 10

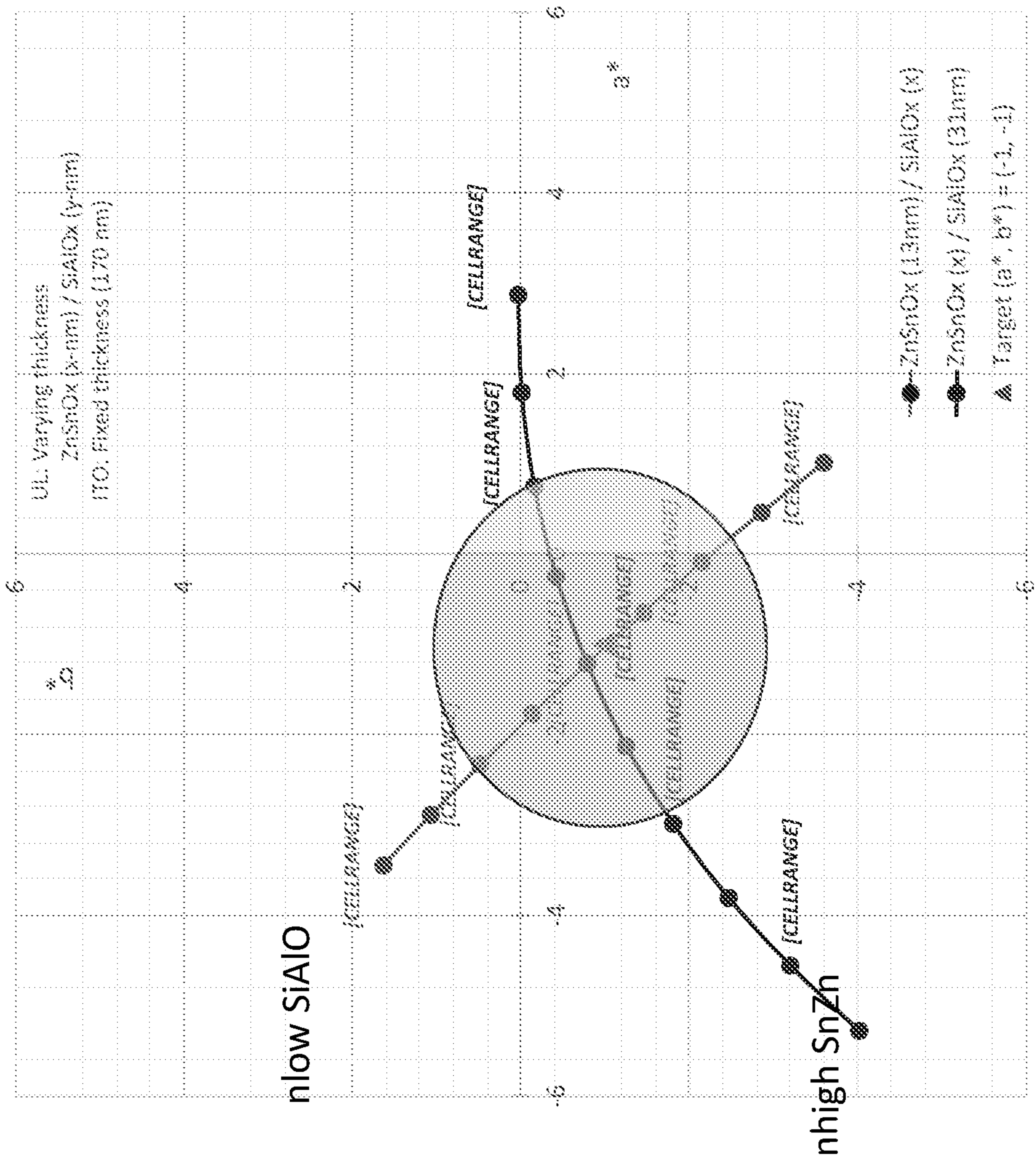


FIG. 11

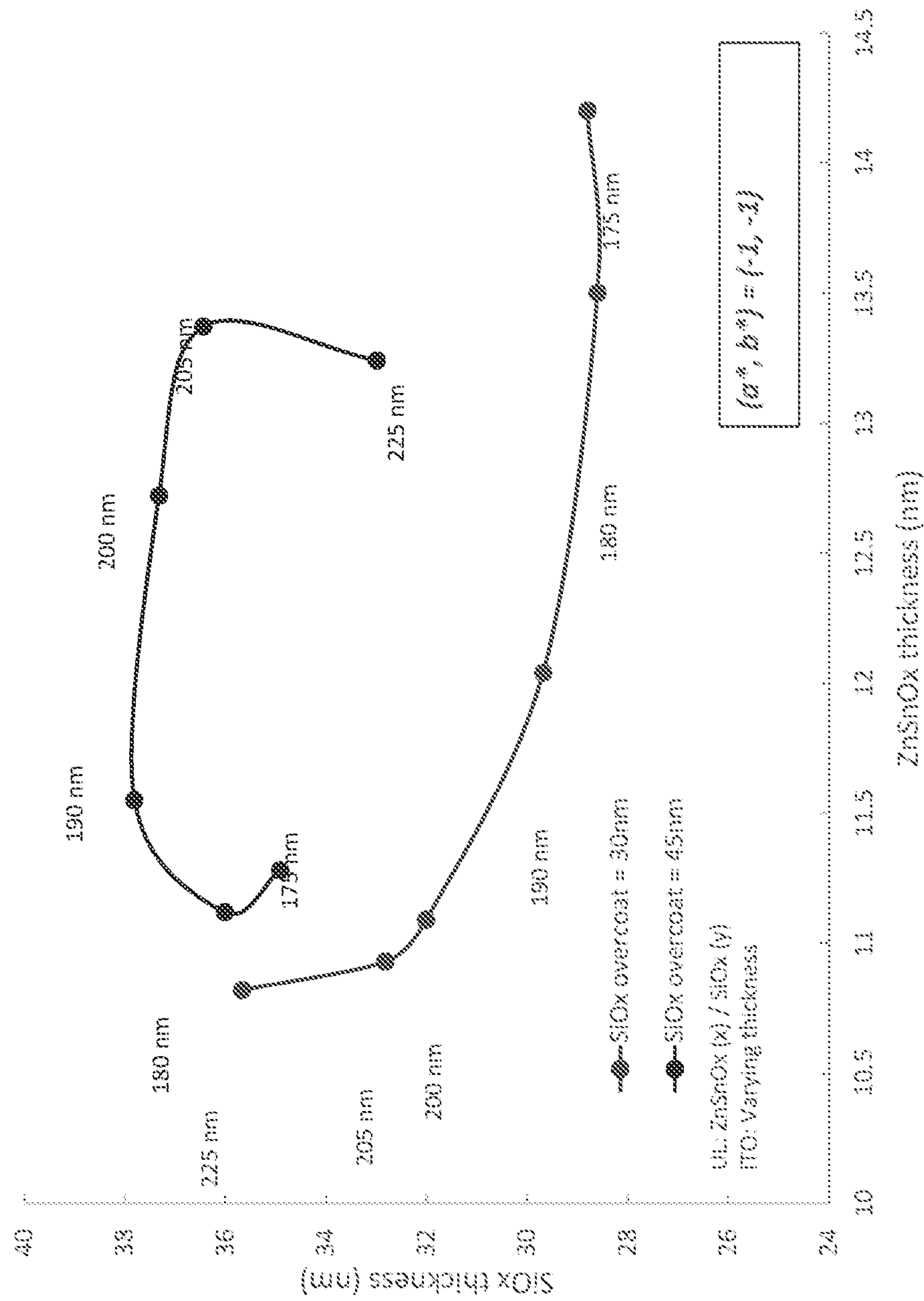


FIG. 12

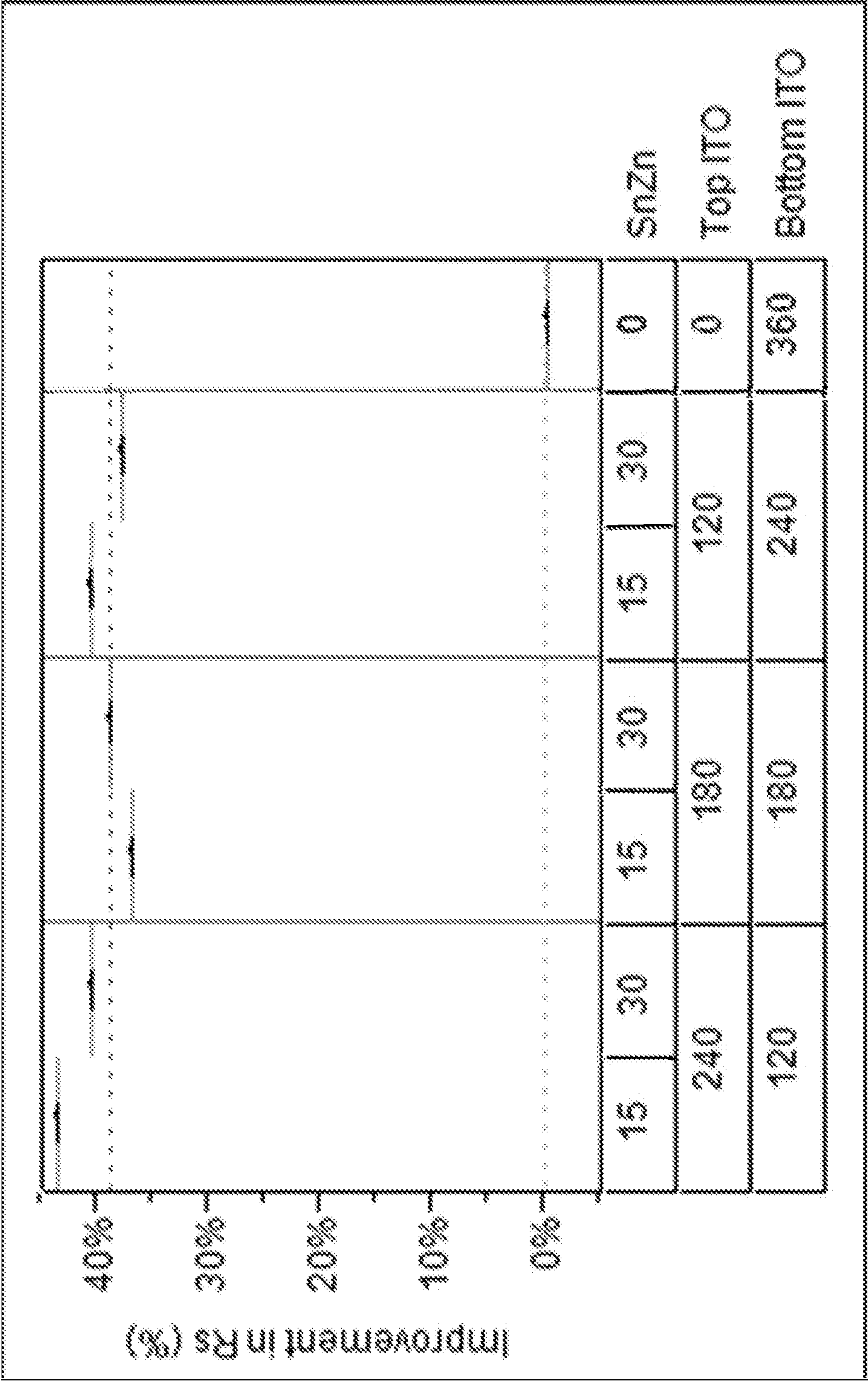


FIG. 13a

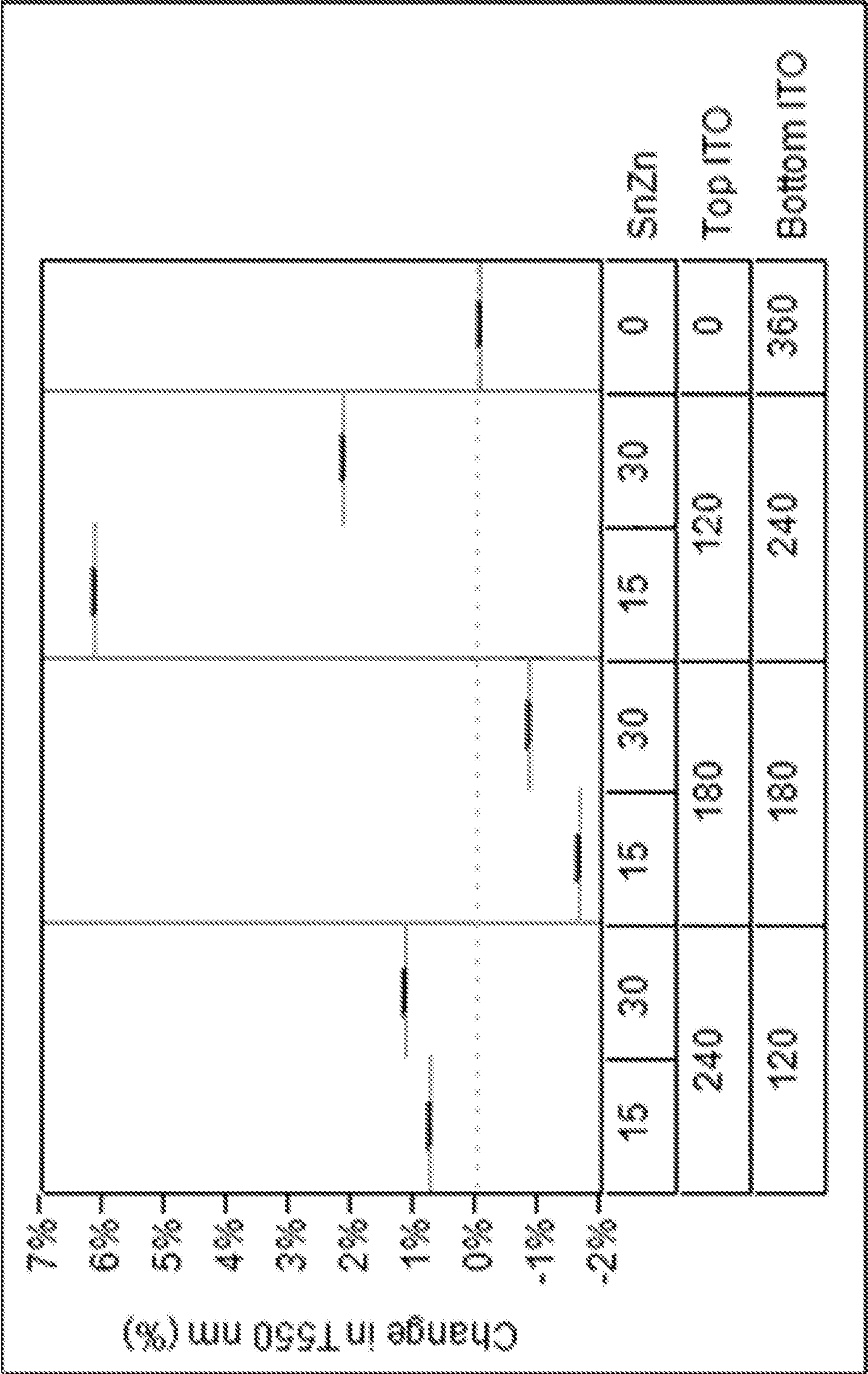


FIG. 13b

Without embedded film

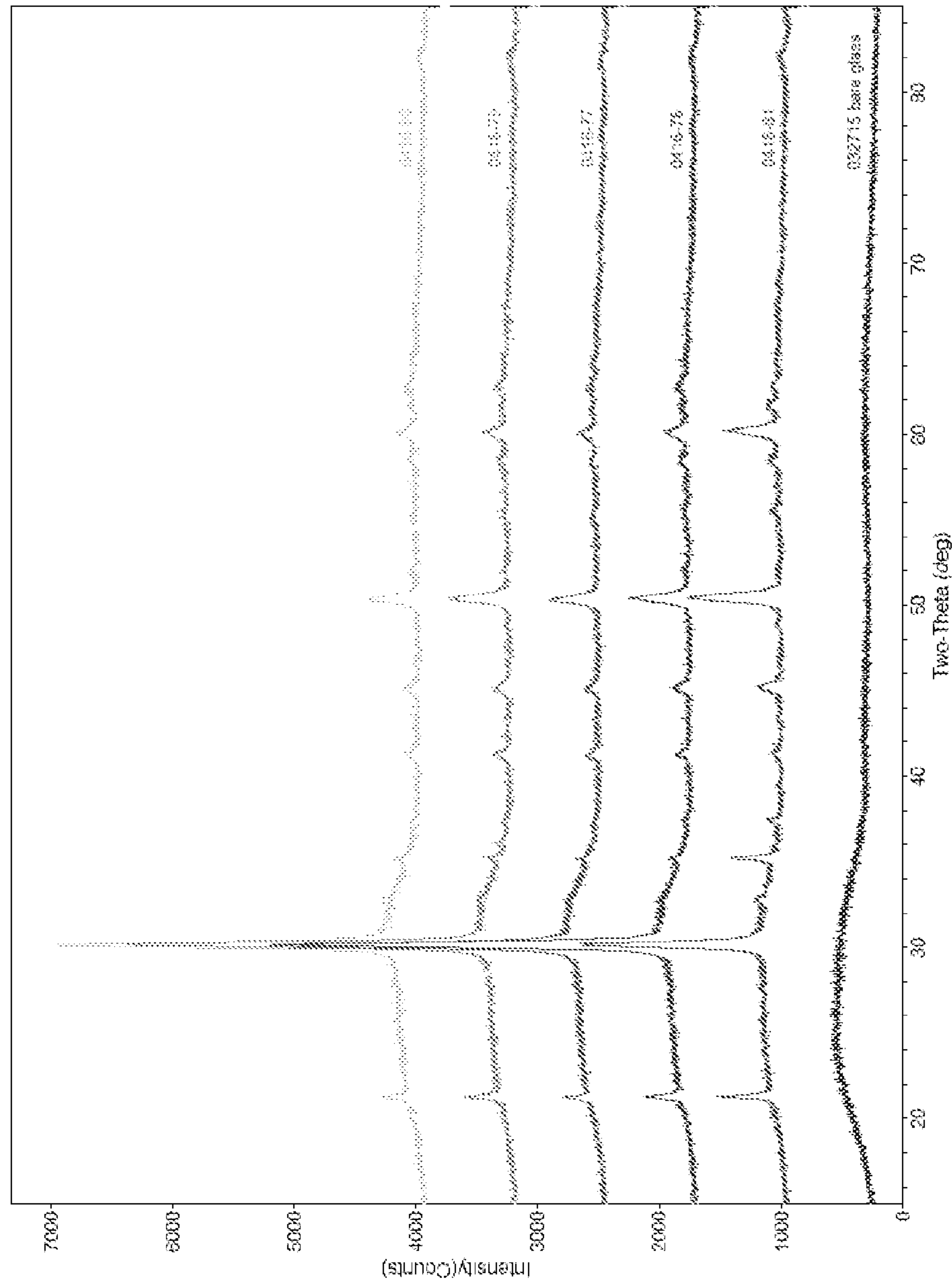
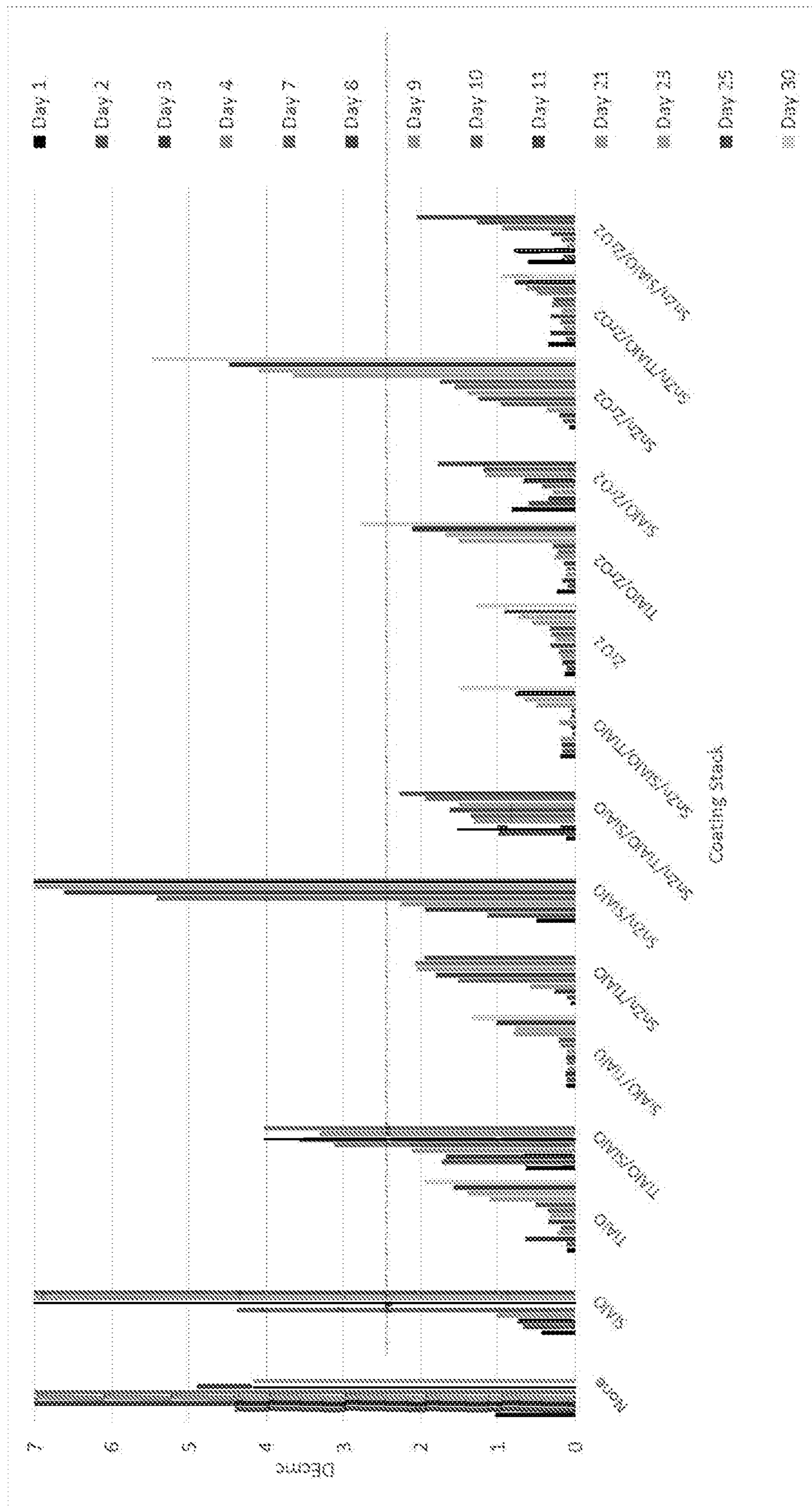


FIG. 13c

**FIG. 14**

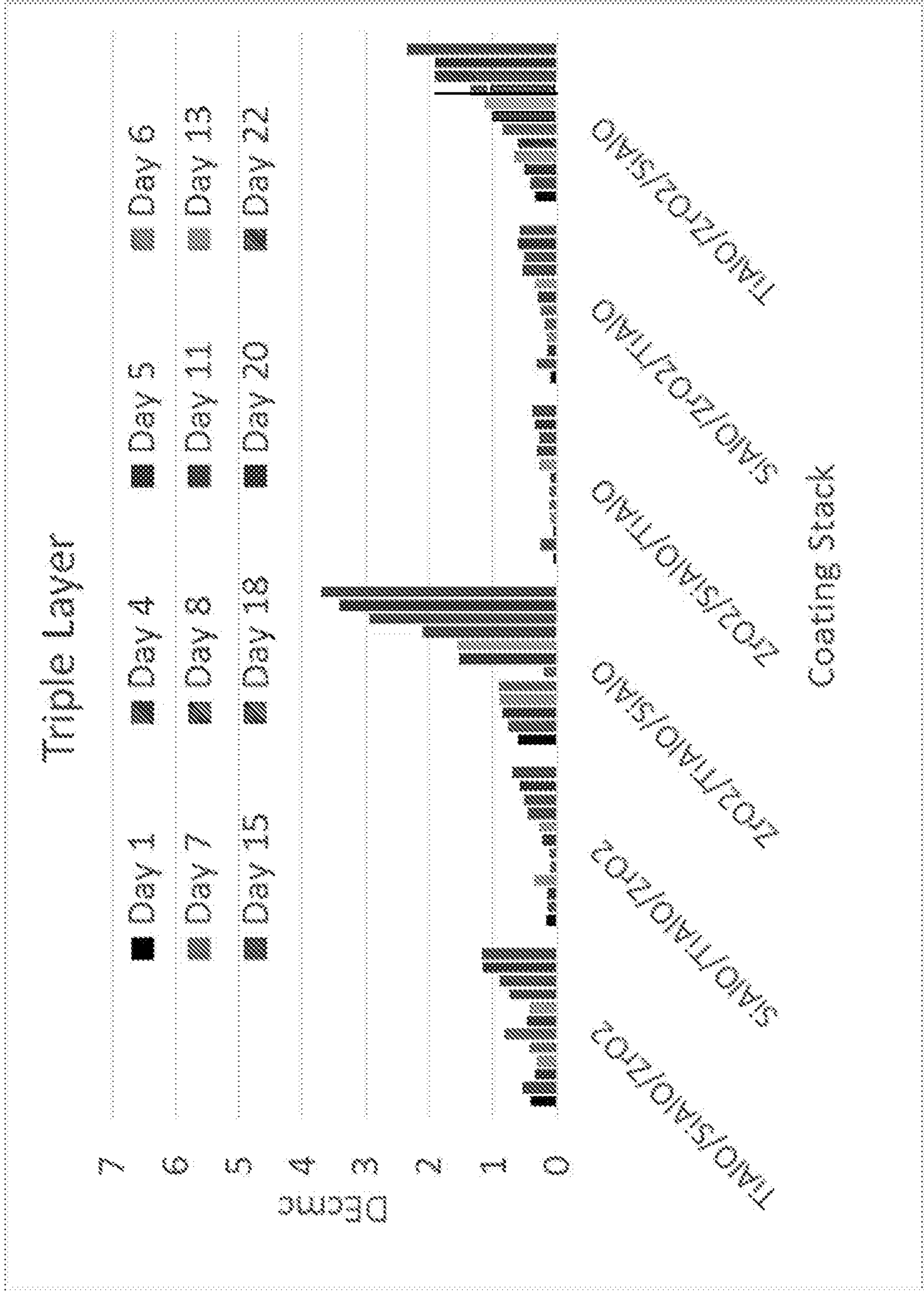


FIG. 15

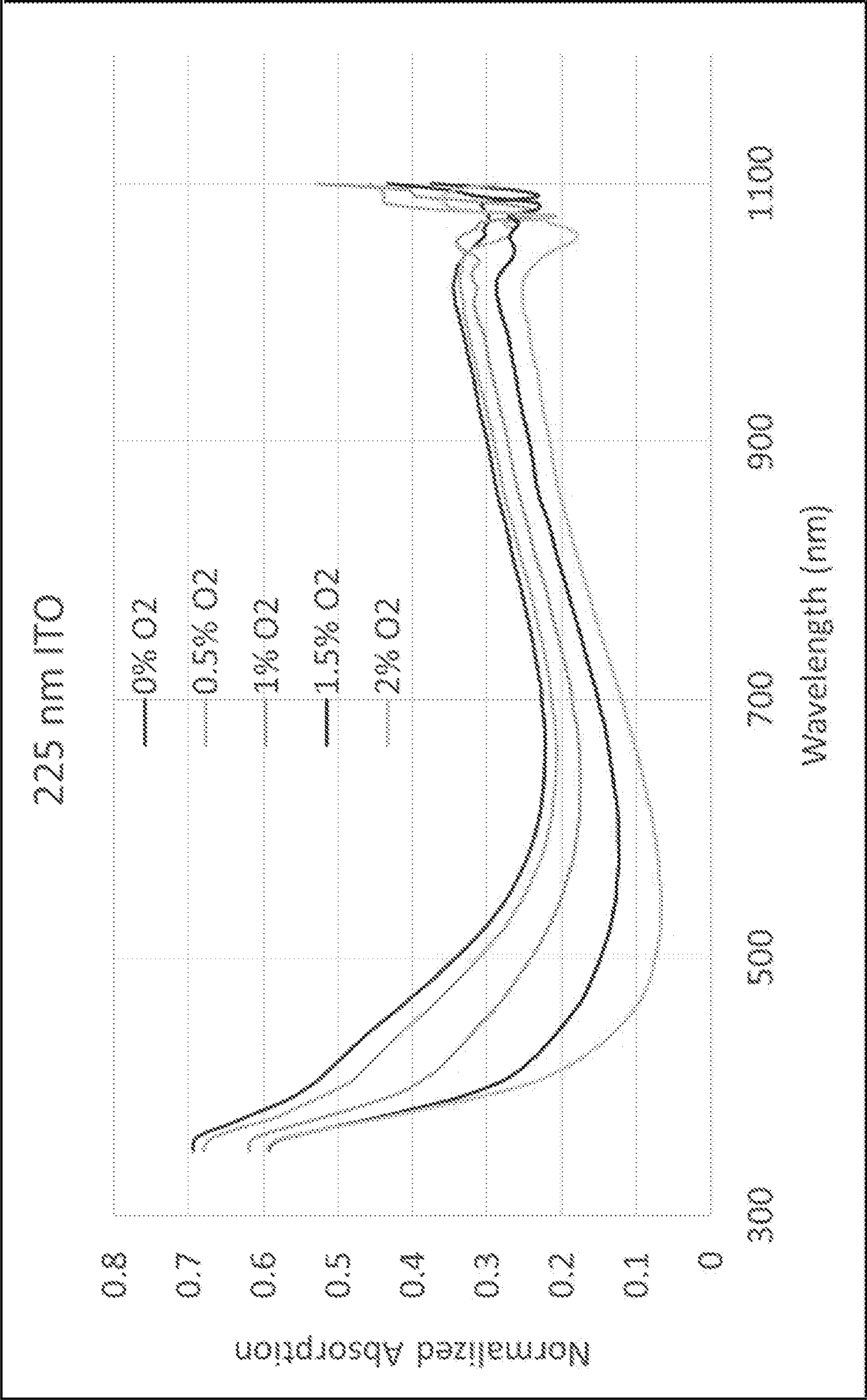


FIG. 16a

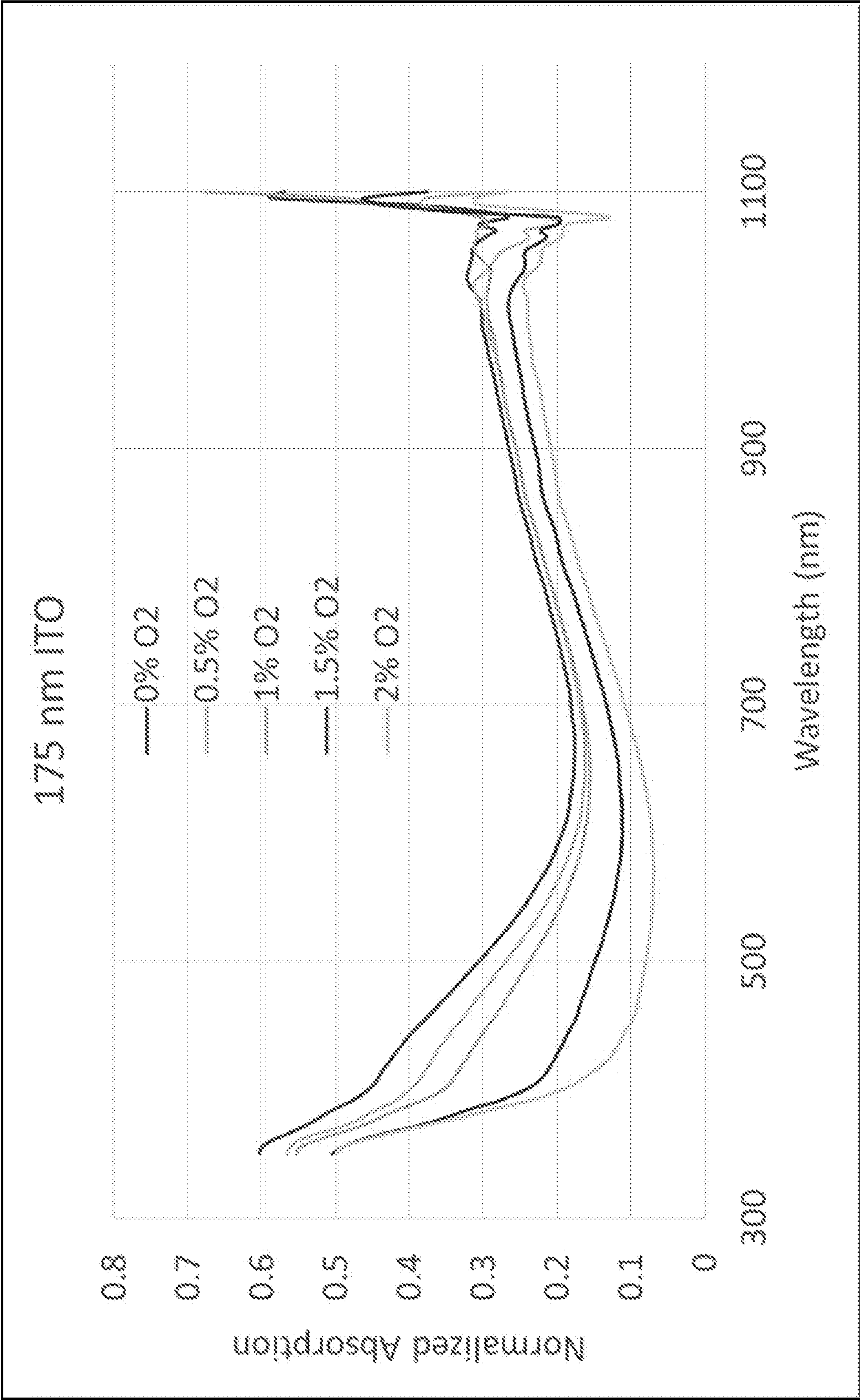
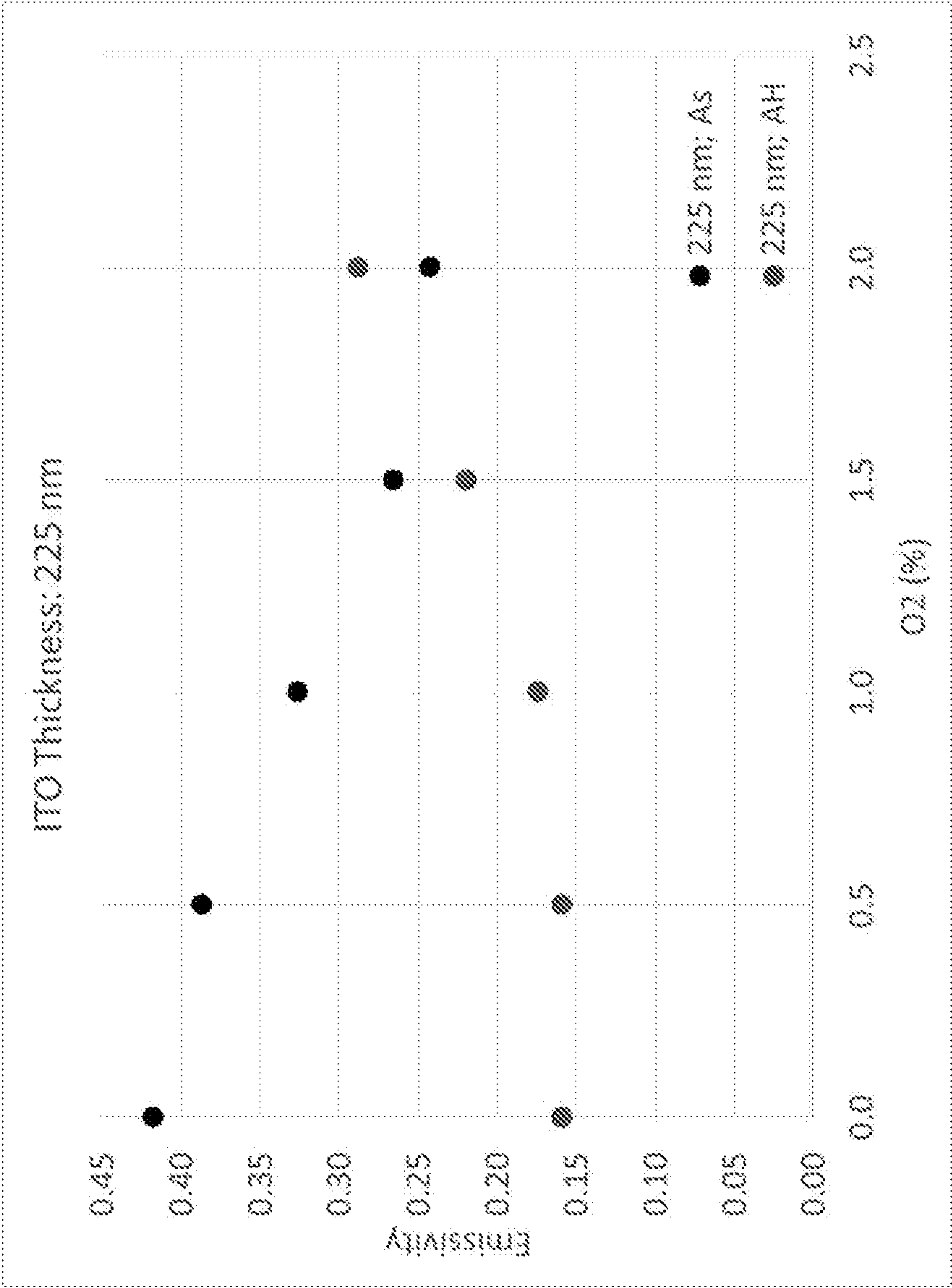
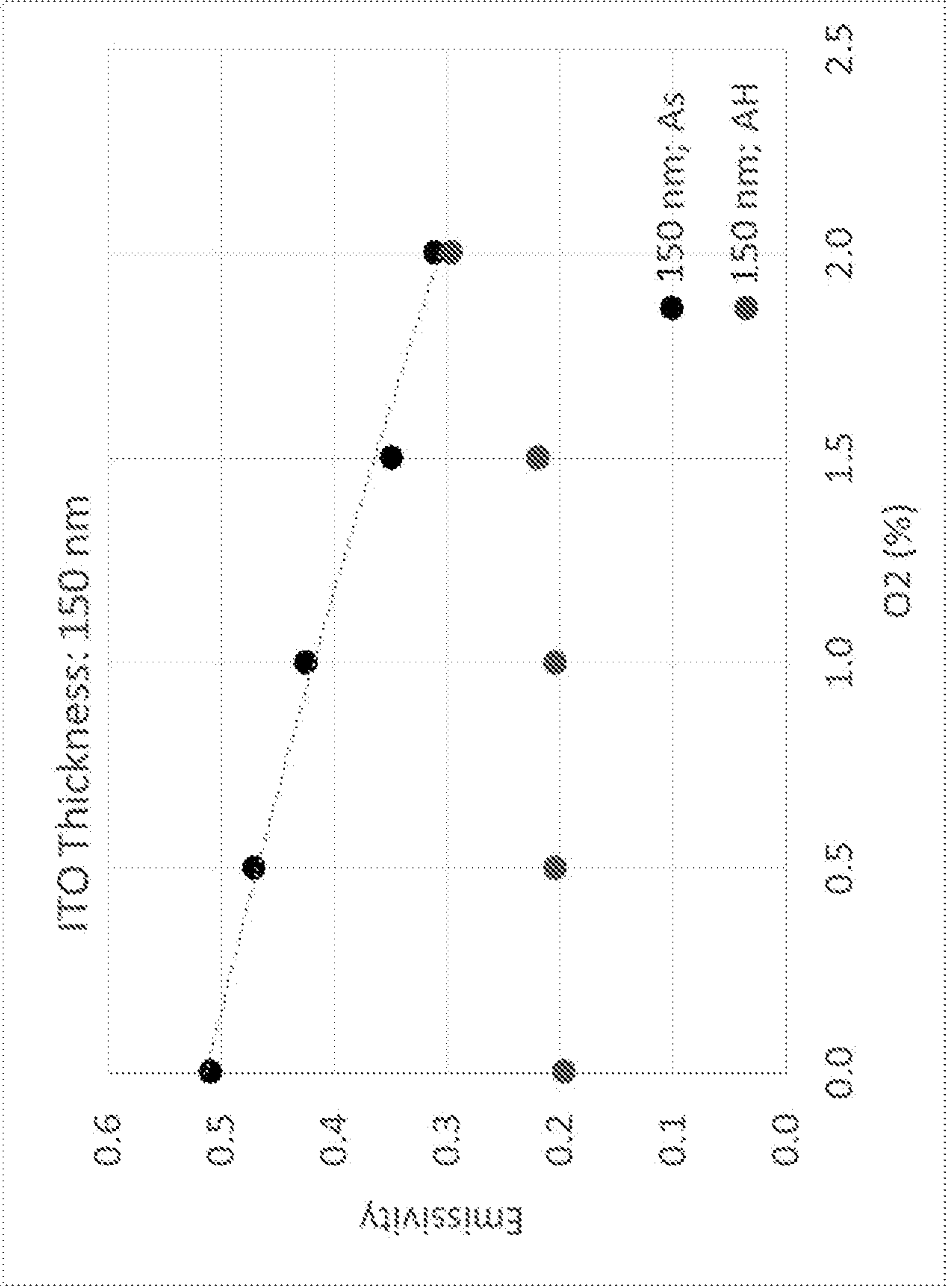


FIG. 16b



225 nm samples show emissivity of ≥ 0.16 after heating

FIG. 17a



150 nm samples show emissivity of ~0.20 post heated

FIG. 17b

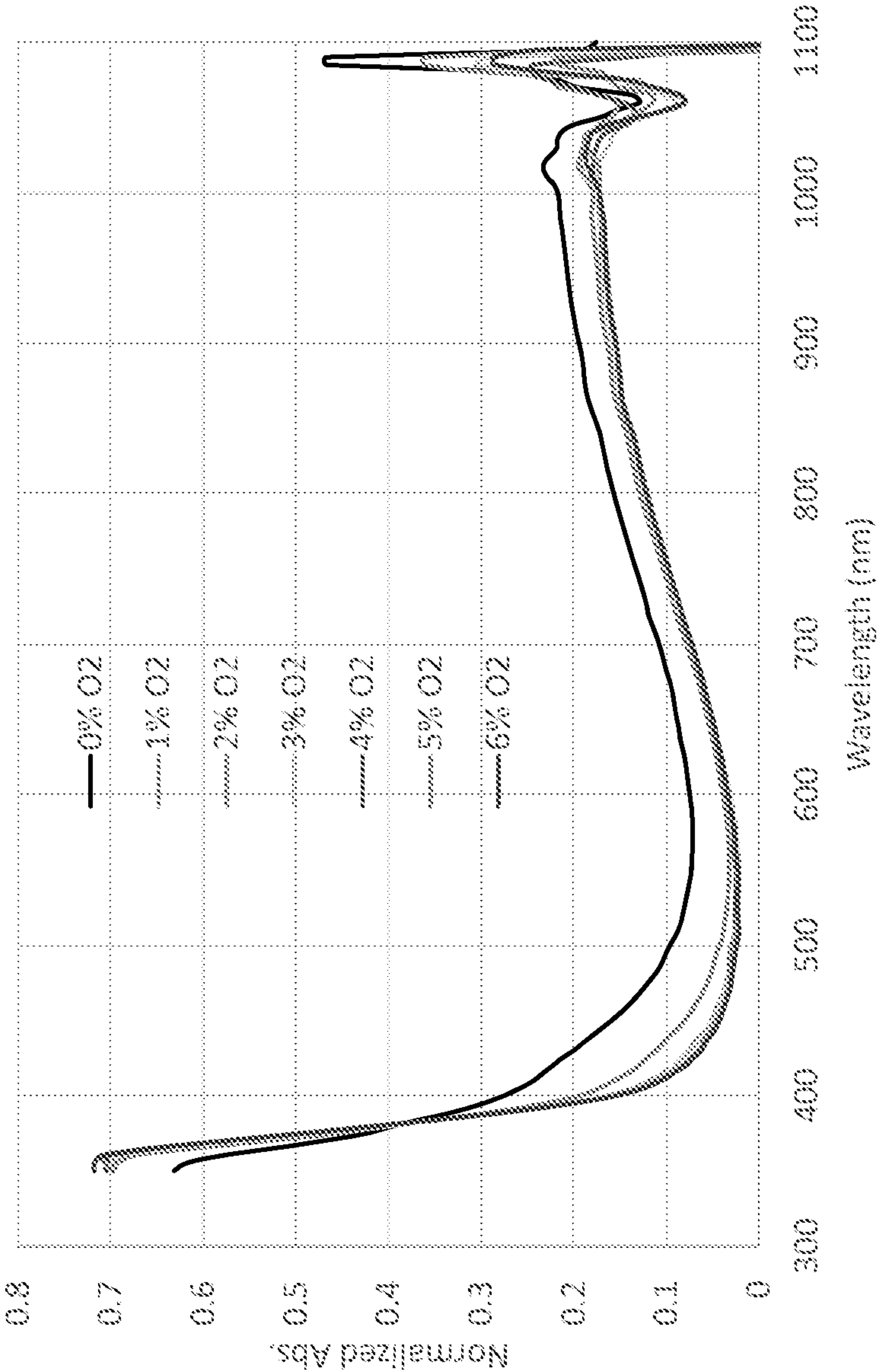


FIG. 18



FIG. 19

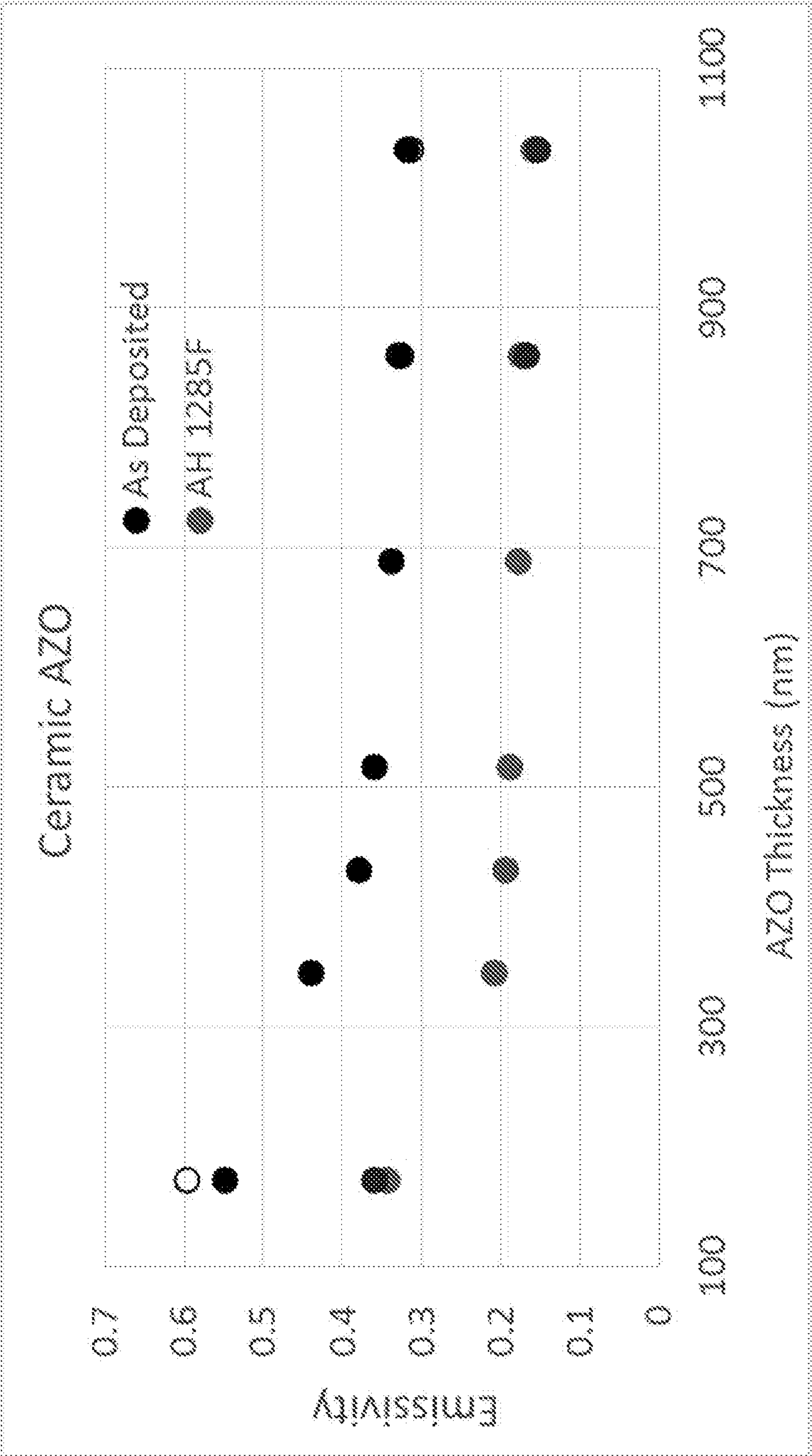


FIG. 20

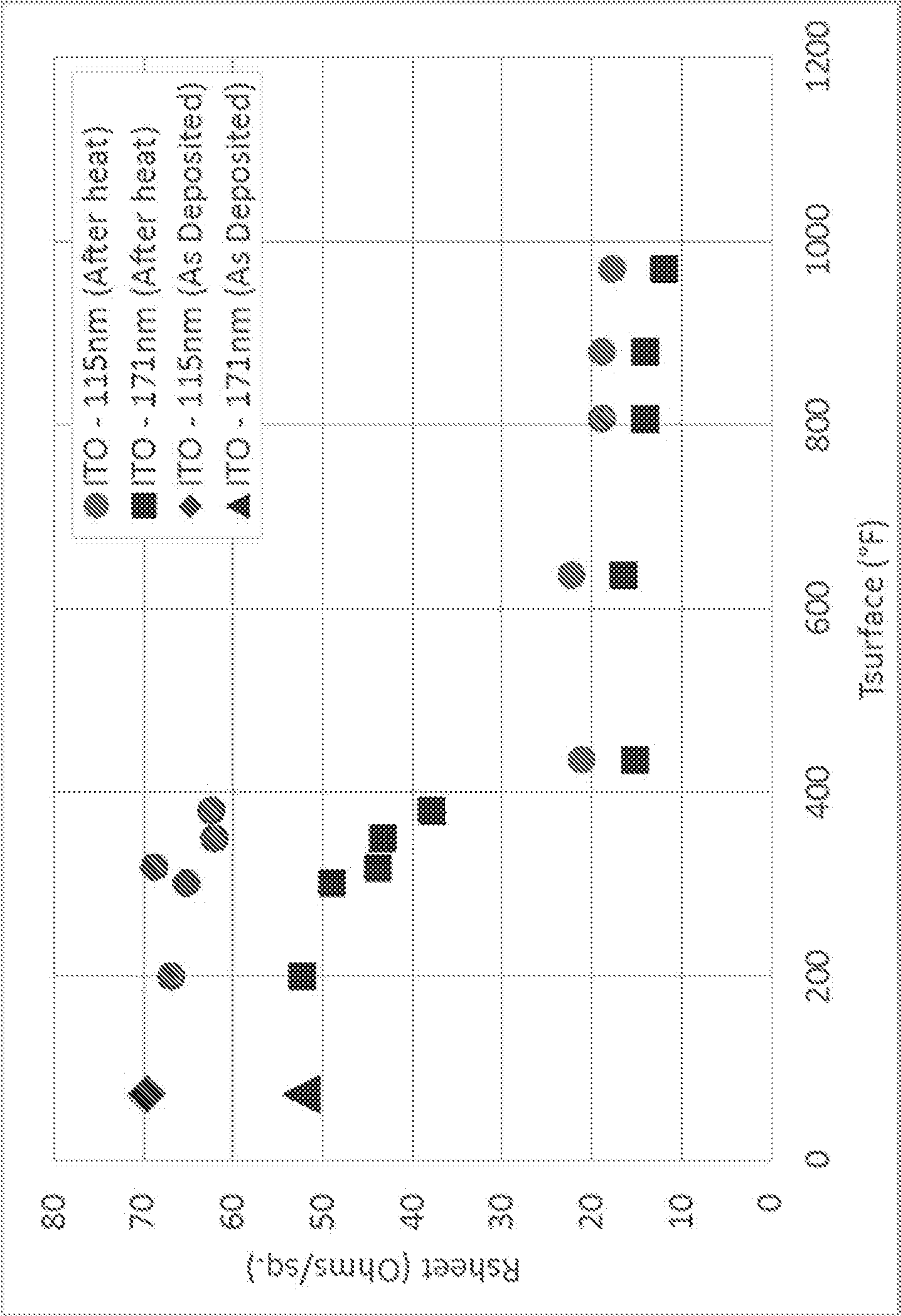


FIG. 21