Engler, Levy & Hanswirth have selected a single estimate of $Q^*$, $8 \times 10^{-2}$ based on the 2nd rat study using nasal turbinate tumors. This decision was made because the current policy is that only one value for $Q^*$ shall be selected, based on the qualitative aspects of the data. In the case of Alachlor, it was deemed inappropriate to combine tumor or tumor incidence across sex.
The second study was considered more appropriate for risk assessment since:

1) the 1st study exceeded the MTD @ high-dose.

2) the 2nd study used the current mixture technical mix.

3) the 2nd study was designed and conducted with knowledge that nasal tumors were likely.