

Betreff: PDR cosmic-rays

Dear All,

A brief and simple correction to the announcement we just circulated re the various benchmarking runs.

For the cosmic-ray ionization processes we ask you to limit to the following processes and rates

$H_2 + CRP \rightarrow H^+ + H$ at a rate $0.02 * ZETA$

$H_2 + CRP \rightarrow H + H$ at a rate $0.1 * ZETA$

$H_2 + CRP \rightarrow H_2^+ + e$ at a rate $0.88 * ZETA$

$H + CRP \rightarrow H^+ + e$ at a rate $0.46 * ZETA$

$He + CRP \rightarrow He^+ + e$ at a rate $0.5 * ZETA$

where again $ZETA = 5e-17 s^{-1}$

Also, please run models to an AV of at least 10.

Thanks,

Markus and Amiel