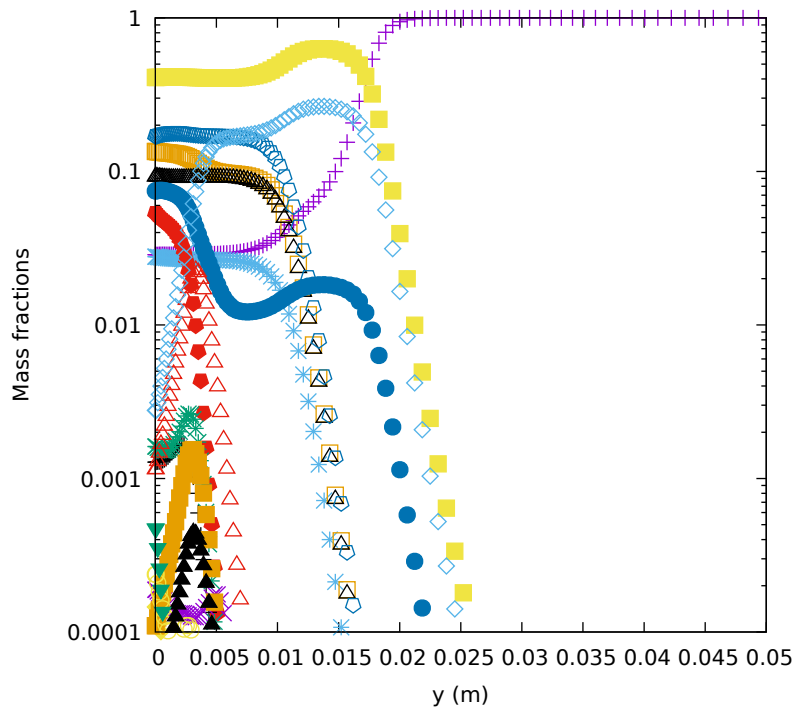


Test-case 1.0. Species mass-fraction profile at $t = 60$ s



N2	+	C2H2	●
O2	×	C2H4	+
CO2	*	C2H6	×
CO	□	P-C3H4	✱
H2O	■	A-C3H5	□
Ar	○	C3H6	■
OH	●	C3H3	○
H2	△	A1	●
H	▲	C5H6	△
CH2CO	▽	C5H5	▲
S-CH2	▼	A1-	▽
CH2O	◇	C4H2	▼
CH3	◆	A1OH	◇
CH4	◇		