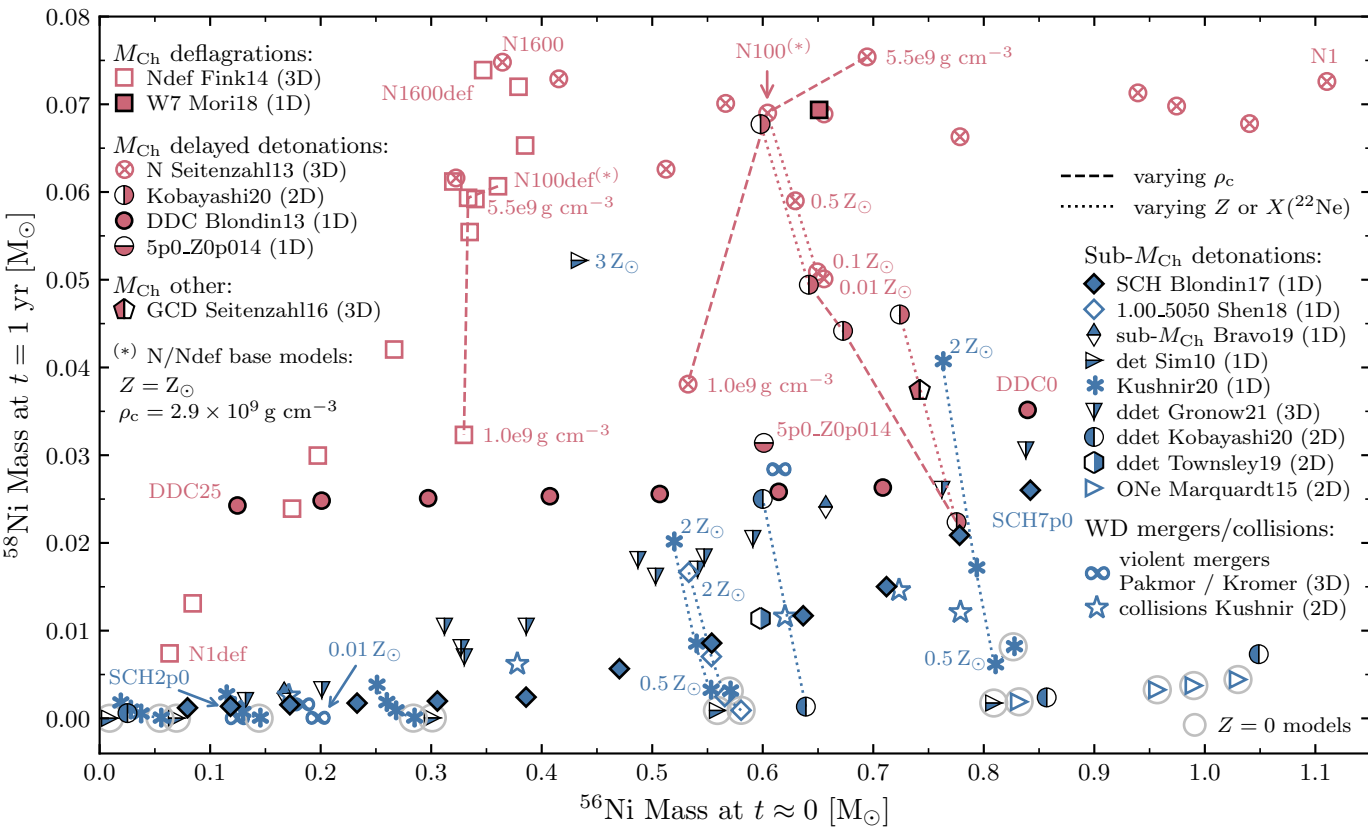
M_{Ch} deflagrations:
Ndef Fink14 (3D)
W7 Mori18 (1D)
M_{Ch} delayed detonations:
N Seitenzahl13 (3D)
Kobayashi20 (2D)
DDC Blondin13 (1D)
5p0_Z0p014 (1D)
M_{Ch} other:
GCD Seitenzahl16 (3D)
(*) N/Ndef base models:
$Z = Z_\odot$
$\rho_c = 2.9 \times 10^9$ g cm^{-3}
varying ρ_c
varying Z or $X(^{22}Ne)$
Sub-M_{Ch} detonations:
SCH Blondin17 (1D)
1.00_5050 Shen18 (1D)
sub-M_{Ch} Bravo19 (1D)
det Sim10 (1D)
Kushnir20 (1D)
ddet Gronow21 (3D)
ddet Kobayashi20 (2D)
ddet Townsley19 (2D)
ONe Marquardt15 (2D)
WD mergers/collisions:
violent mergers
Pakmor / Kromer (3D)
collisions Kushnir (2D)
$Z = 0$ models
N1600
N1600def
N100(*)
5.5e9 g cm^{-3}
N1
N100def(*)
5.5e9 g cm^{-3}
0.5 $Z_\odot$
3 $Z_\odot$
0.1 $Z_\odot$
0.01 $Z_\odot$
2 $Z_\odot$
1.0e9 g cm^{-3}
DDC0
5p0_Z0p014
1.0e9 g cm^{-3}
DDC25
SCH7p0
2 $Z_\odot$
2 $Z_\odot$
N1def
0.01 $Z_\odot$
SCH2p0
0.5 $Z_\odot$
0.5 $Z_\odot$
^{58}Ni Mass at $t = 1$ yr [$M_\odot$]
^{56}Ni Mass at $t \approx 0$ [$M_\odot$]
0.00
0.01
0.02
0.03
0.04
0.05
0.06
0.07
0.08
0.0
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
1.1