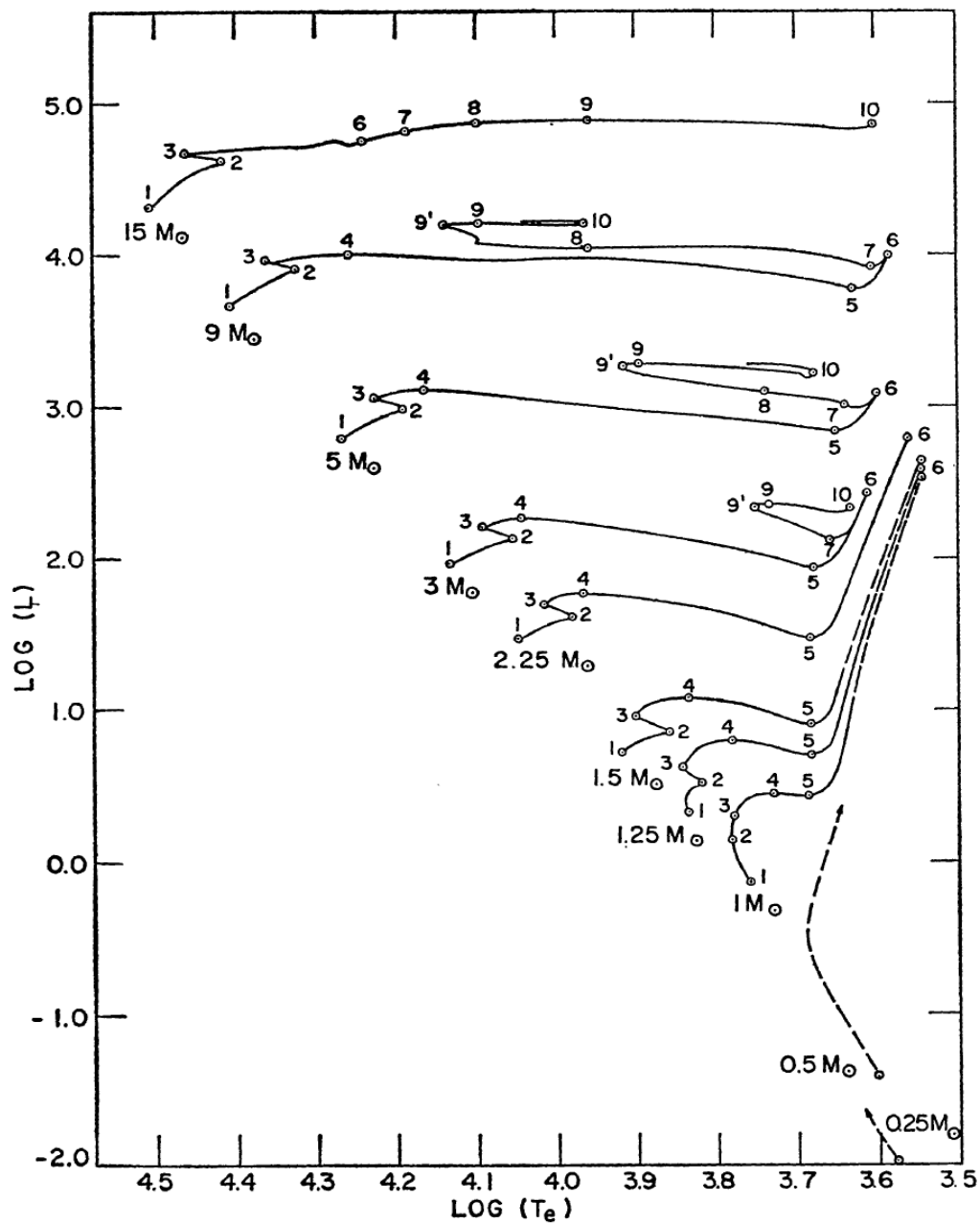
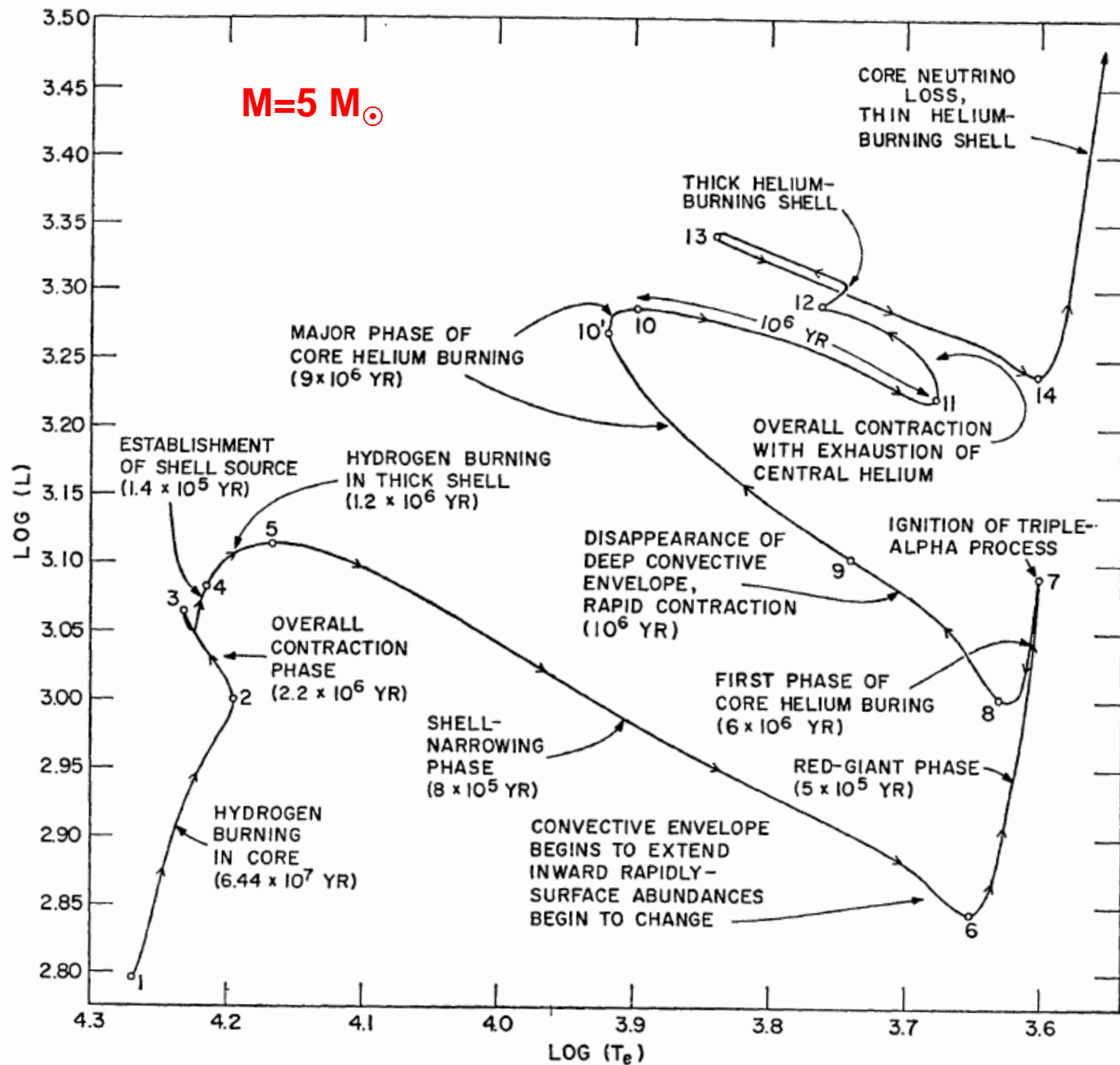


# Ewolucja na MS i po MS

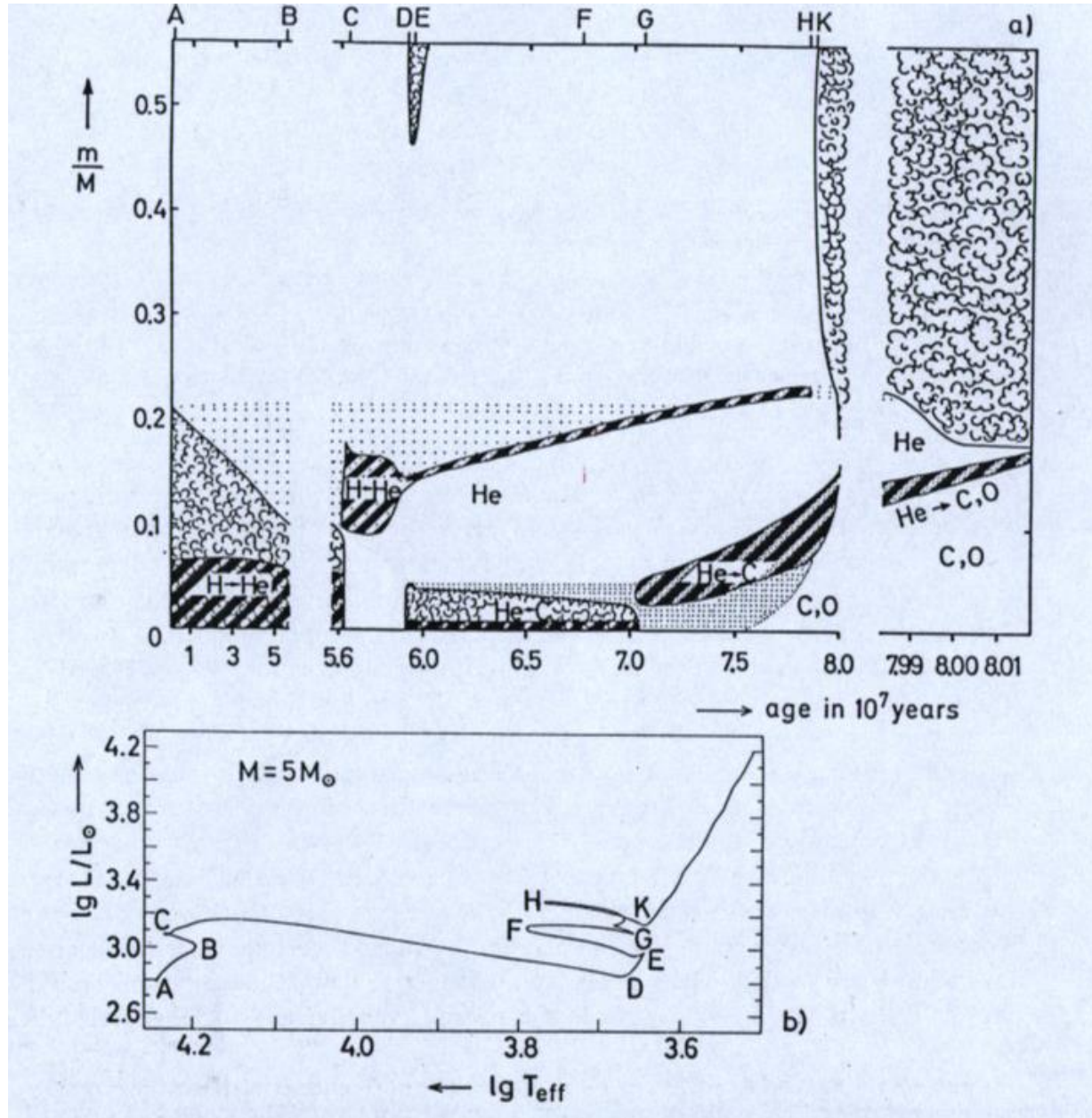


Interval ( $i-j$ )	Interval ( $i-j$ )				
	(1-2)	(2-3)	(3-4)	(4-5)	(5-6)
Mass ( $M_{\odot}$ )					
15	1.010 (7)	2.270 (5)		7.55 (4)	
9	2.144 (7)	6.053 (5)	9.113 (4)	1.477 (5)	6.552 (4)
5	6.547 (7)	2.173 (6)	1.372 (6)	7.532 (5)	4.857 (5)
3	2.212 (8)	1.042 (7)	1.033 (7)	4.505 (6)	4.238 (6)
2.25	4.802 (8)	1.647 (7)	3.696 (7)	1.310 (7)	3.829 (7)
1.5	1.553 (9)	8.10 (7)	3.490 (8)	1.049 (8)	$\geq 2$ (8)
1.25	2.803 (9)	1.824 (8)	1.045 (9)	1.463 (8)	$\geq 4$ (8)
1.0	7 (9)	2 (9)	1.20 (9)	1.57 (8)	$\geq 1$ (9)

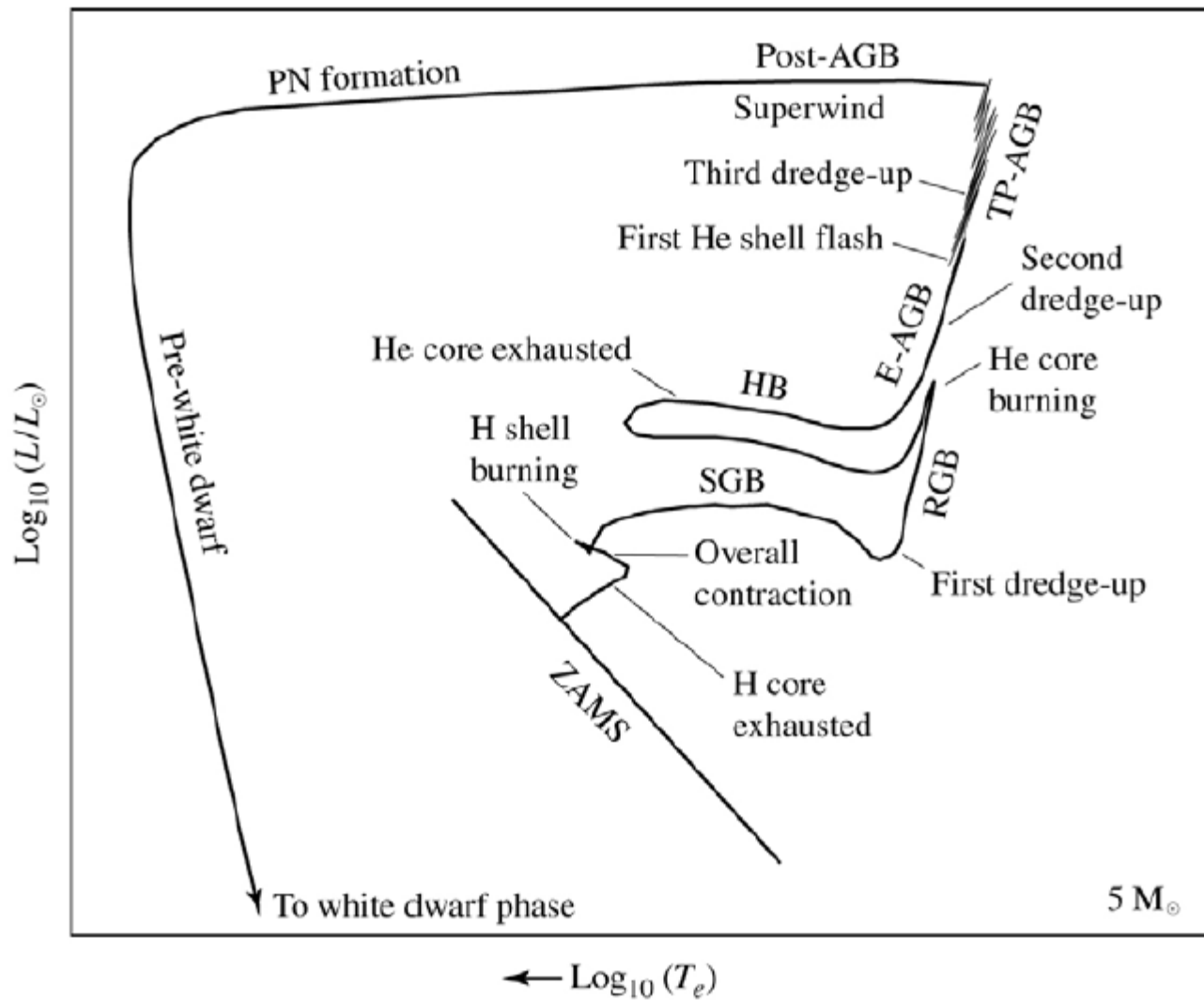
Interval ( $i-j$ )	Interval ( $i-j$ )			
	(6-7)	(7-8)	(8-9)	(9-10)
Mass ( $M_{\odot}$ )				
15	7.17 (5)	6.20 (5)	1.9 (5)	3.5 (4)
9	4.90 (5)	9.50 (4)	3.28 (6)	1.55 (5)
5	6.05 (6)	1.02 (6)	9.00 (6)	9.30 (5)
3	2.51 (7)		4.08 (7)	6.00 (6)



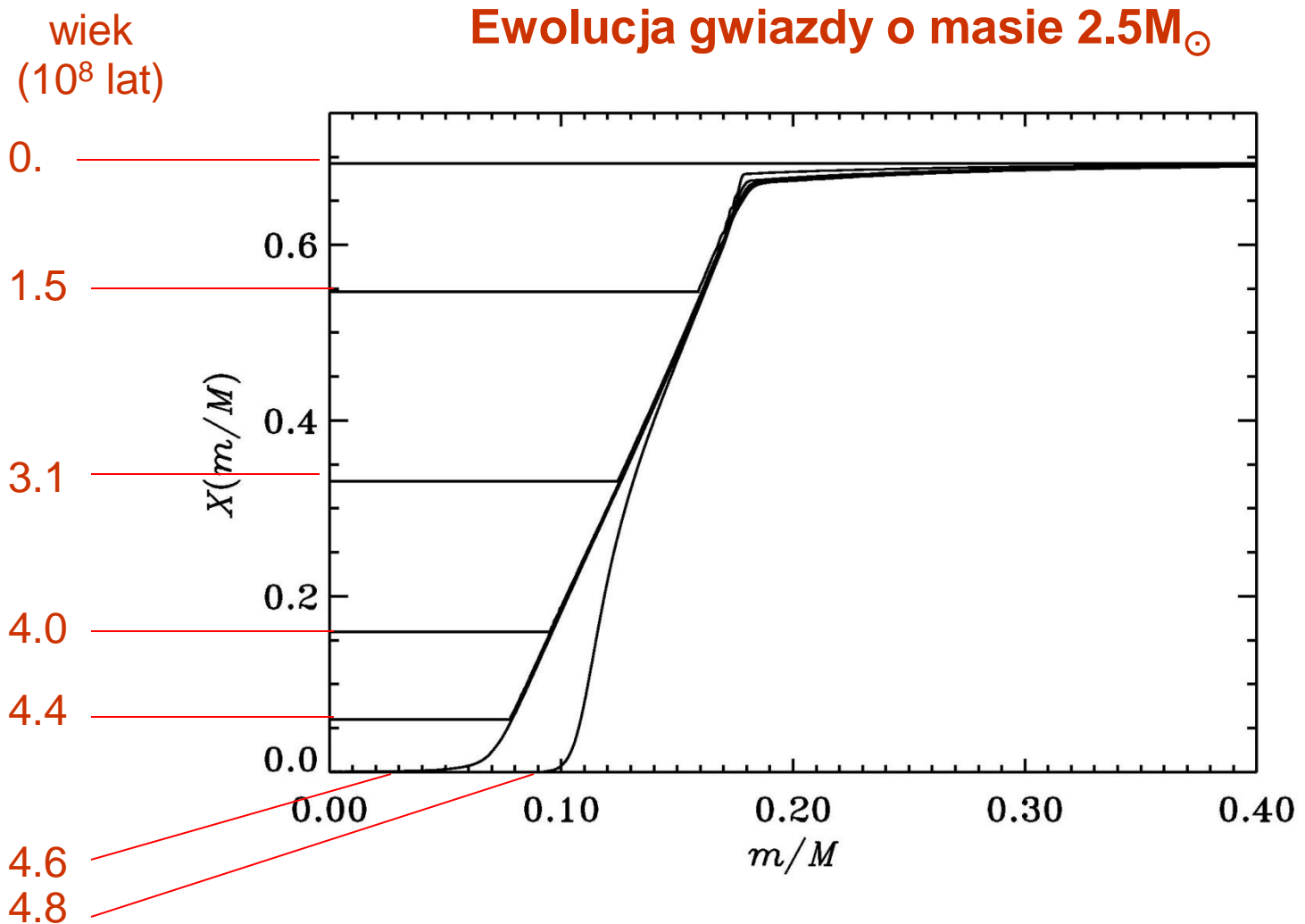
# Diagram Kippenhahna dla $M=5M_{\odot}$

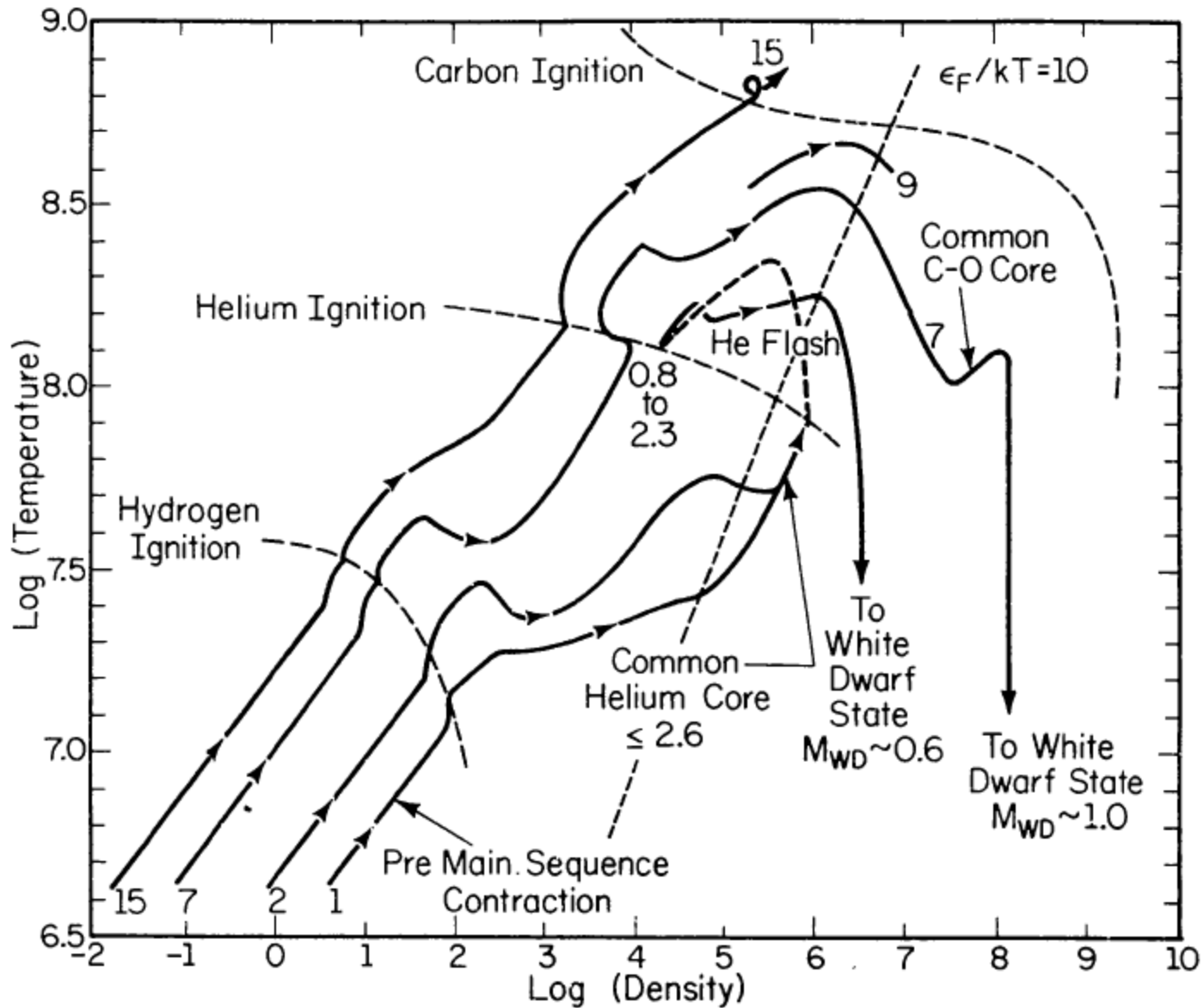


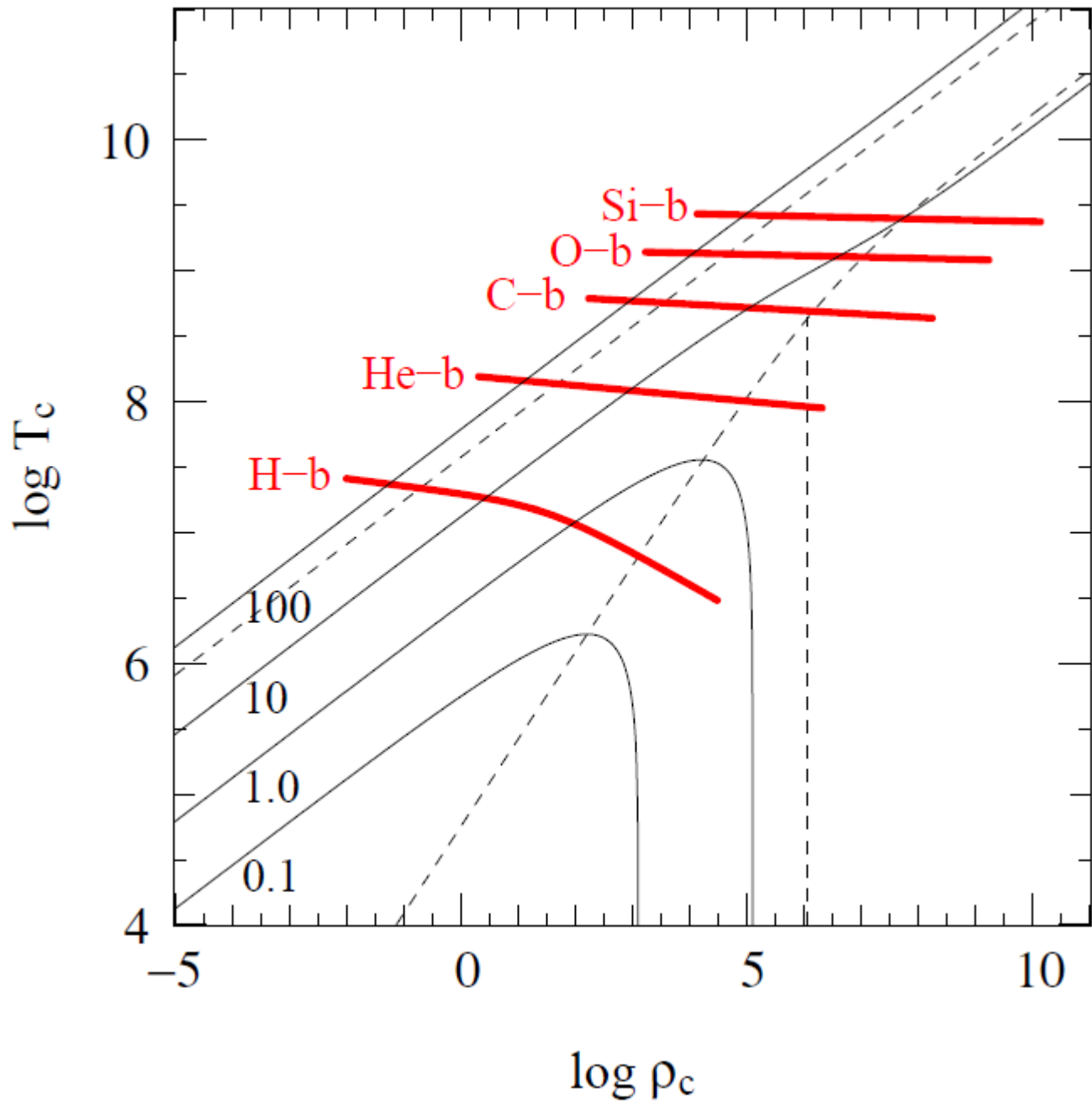
# Schemat ewolucji gwiazdy o masie $5M_{\odot}$



# Zmiana profilu obfitości wodoru

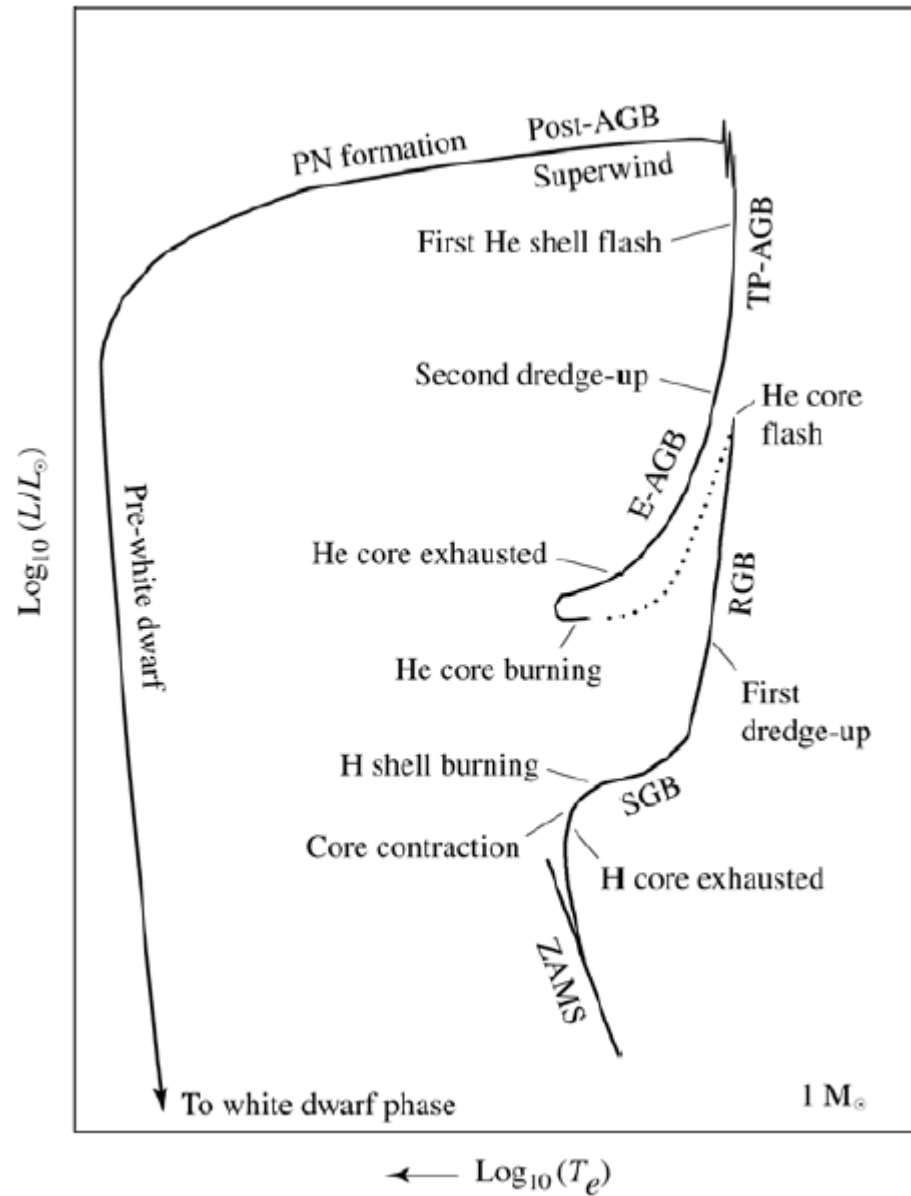




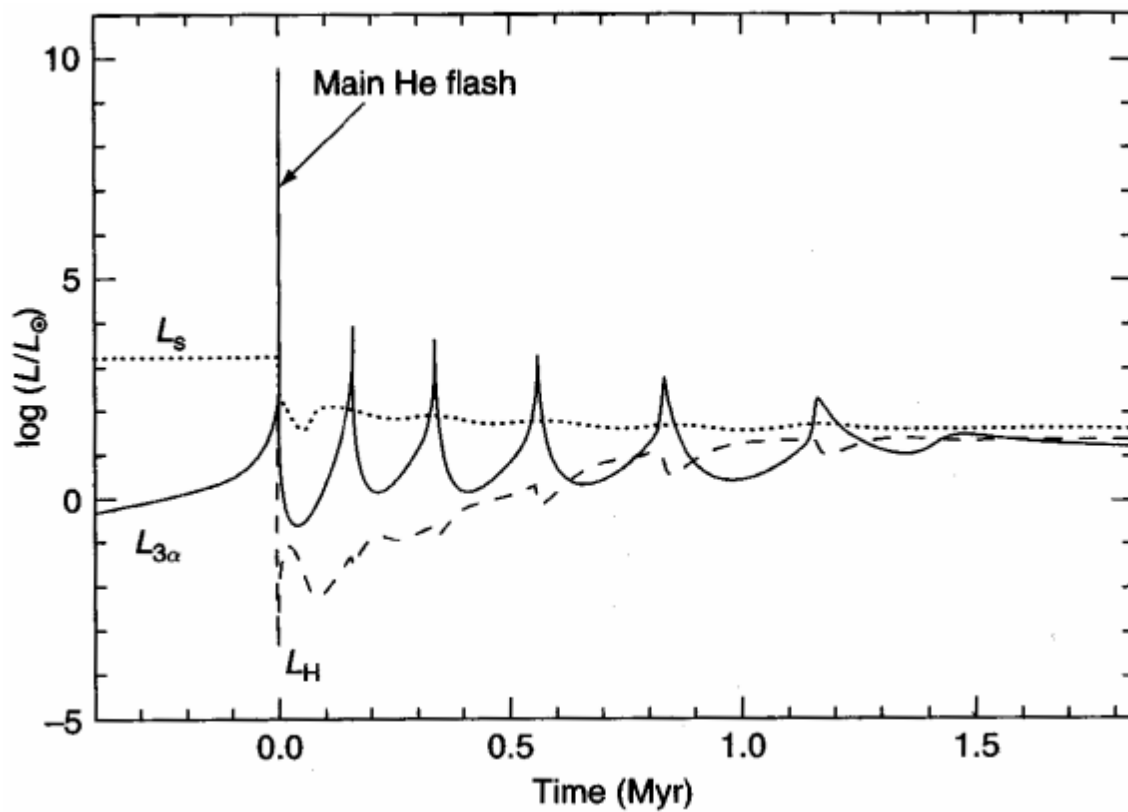




# Schemat ewolucji gwiazdy o masie $1M_{\odot}$



# Błysk helowy $M=1M_{\odot}$



# Zmiana profilu obfitości wodoru

