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Testing the limit of Mincher 2018 method:
1
     Assumptions:
1
1
          V[Fe/H](T) = a ln(1-T/To) + V[Fe/H](0)
1
         [Fe/H](Ro, t) = 6 [n(1-T/To) + [Fe/H](Ro, 0)
-
     define: Cm: = V [Fe/H](0)
1
             Cb: = [Fe/H] (Ro, O)
Rb = [Fe/H]-[Fe/H](Rb, T)

Rb = Te/H]- [Fe/H](C)
1
: [Fe/H] (Rb, T) = [Fe/H] (Ro, T) - O[Fe/H] (T) Ro
= Cb- T[Fe/H](T)Ro+bln(1-T/To)
[Fe/H]-(b+7[Fe/H](T)Ro-bln(1-T/To)
aln(1-T/To)+Cm
= [[fe/H]-Cb - b + R.
aln(1-4/To)+Cm - a+Cm/In(1-4/To)
1
for [TKTo], In (1-2/70) ~- (7/70) - (7/70) 2/2
1
    Rb~ [Fe/HJ-Co (1+ a (t/to)+[la 2 (2cm)][t/to)2)+ cm(t/to)+
7.0
         b(2a+Cm) (T/To) 2+ Ro
A
   = [Fe/H] + a [Fe/H]([1/To) + ( cm - Cba)([1/To) +
Ed I
      [ 12a+(m)b - Cb [ (a)2+(a)] (t/to)2+ Ro-Cb Cm
: Octe/43 = 1/Cm; OR = 0; Oz = ( b - Cba), Octe/432 = 0,
     OFFE/HIR = 0; OFFE/HJT = a/(m2; OR2=0; ORZ=0;
1
     Otz = [ b(za+Cm) - Cb [(a)2+(a)]]; Oc=Ro+Cb
1
   for [~ To], In (1-7/76) ~ 00 -> Rb~ Ro+b/a -> from Ro
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Testing Limit of Frankle 2018 paper:
from equection 8:
Rb = [Fe/H]-Fm+ (Fm+V[Fe/H]Rtfe/H)=0)f(t)  V[Fe/H]
Where O[Te/4] = Cm, Fm = [Fe/H](0, To), f(T)=(1-T/To)
$: R_b = \frac{1}{C_m} \left[ \left[ \frac{F_m}{C_m} + \left( \frac{F_m}{C_m} + R_n \right) \left( 1 - \frac{C}{C_0} \right) \right] $ not the same $T_0$
$R_n = -\frac{C_b}{C_m} + R_o \rightarrow defining same varibles as used before for T((T_o)^2 - (T_o)^2 - (T$
for [T<< To]: (1-1/To) ~ [1-7(T/To) + = (T-1) 8(T/To)]
$R_{b} = \frac{1}{C_{m}} \left[ Fe/H \right] - \gamma \left( \frac{F_{m}}{C_{m}} + R_{0} - \frac{C_{b}}{C_{m}} \right) \left( \frac{T}{T_{0}} \right) + \gamma \left( \frac{F_{m}}{2} + \frac{R_{0}}{2} - \frac{C_{b}}{2R_{m}} \right) \left( \frac{T}{T_{0}} \right)^{2}$
+Ro-Cb/Cm
Q [Fe/H] = /Cm; QR=0; Qz = - 7( Cm + Ro - Cm), Q [Fe/H] = 0;
$ \begin{aligned} \theta_{\text{EFe}/\text{HJR}} &= 0 ; \theta_{\text{EFe}/\text{HJT}} &= 0 ; \theta_{\text{R}^2} &= 0 ; \theta_{\text{RT}} &= 0 ; \\ \theta_{\text{T}^2} &= \tau(\gamma - 1) \left[ \frac{F_m}{2C_m} + \frac{1}{2} \left( R_o - \frac{C_b}{C_m} \right) \right], \theta_c &= R_o - \frac{C_b}{C_m} \end{aligned} $
-> Octemy. Oc there are the same as Minchev 2018
for [ T~ To]: (1- T/To) ~ 0 for r>0, also r*0
Rb = Cm [Fe/H] - Fm Cm
Comparing the two:
&for T<< To case; Of CFerus and Oc are the same
@ Frankle 2018 doesn't have Occurre, the vest are the same (there is value)
$(3)$ - $7(\frac{F_m}{C_m} + R_0 - \frac{C_b}{C_m})$ , $-(\frac{b}{C_m} + \frac{aC_b}{C_m^2})$ , for $\theta_{\mathcal{I}}$
Frankle Minerer
$(2)$ $(2)$ $[\frac{Fm}{2Cm} + \frac{1}{2}Rn]$ , $-\frac{Cb}{Cm}[\frac{a}{Cm}]^2 + \frac{a}{2Cm}]$ , for $0 = 2$
Frankle Minchev.

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for 7	tn To (	case:					
01	Frankle	-2018 i	s [Fe/H]	depender	rt, Minch	evzoif i's co	nst.
						can be rep	
	jbe:	O CFE/H	J refre	sents th	e slope r	now for t<	< T. ?
		Dc Ne →SO it	epresent is pret	s the lo	cation who saying	eve & CFeh	1]=0)
Rb =		rbation				[Fe/H] = 0	