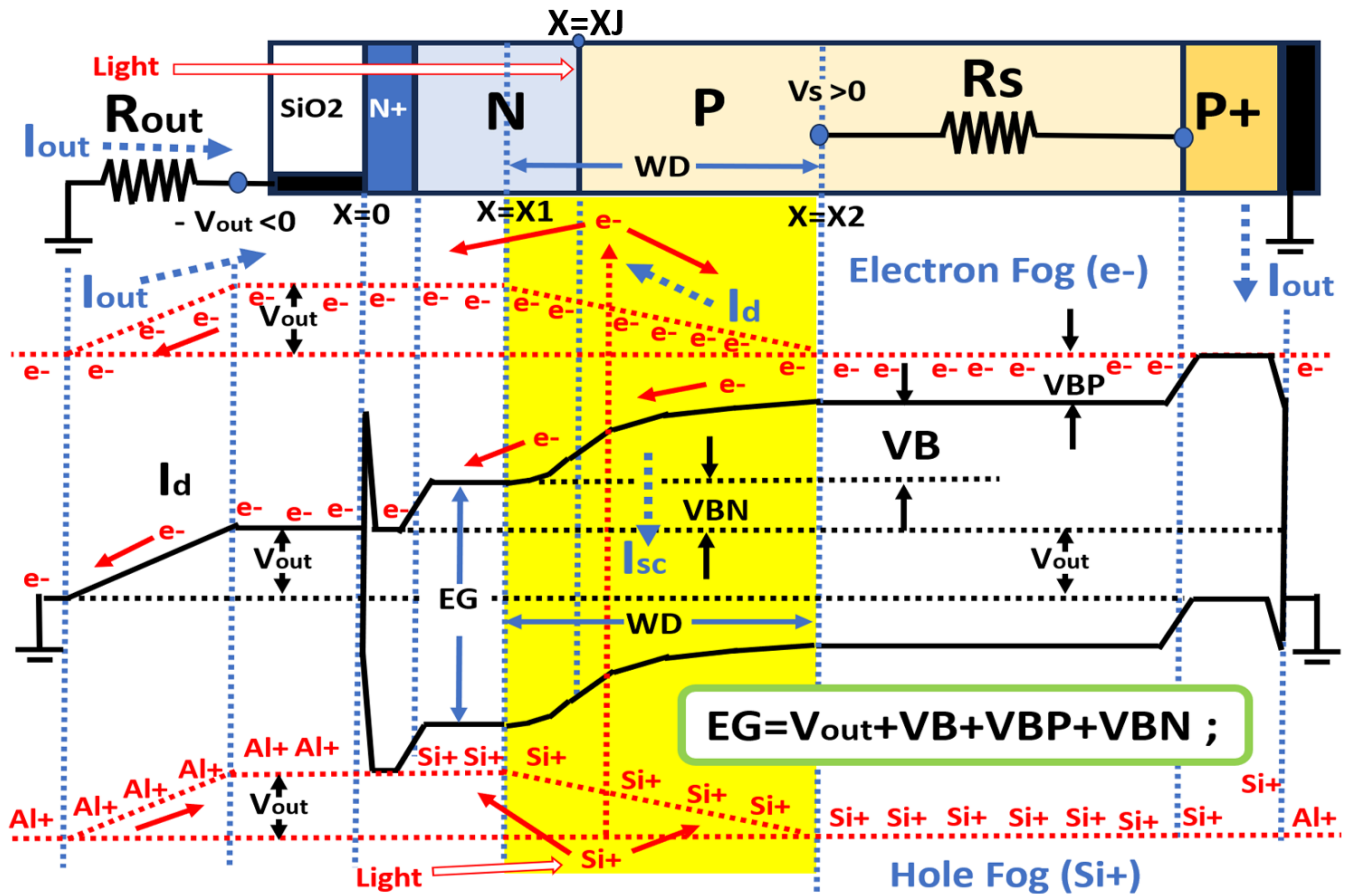
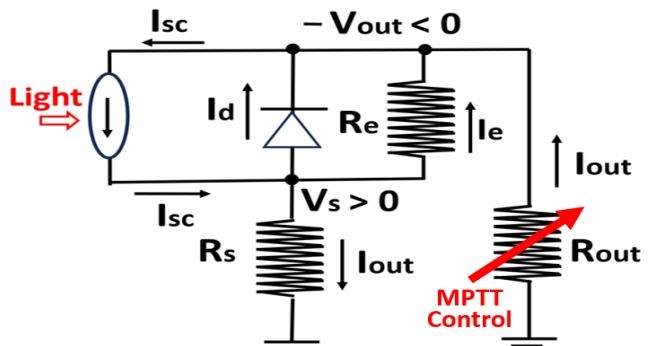
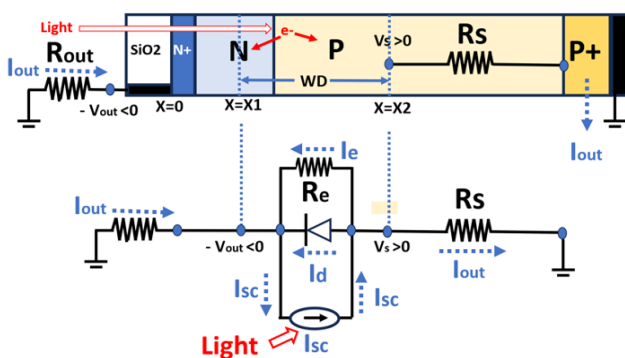


**Band Diagram of Photo Electron Fog (e-) and Hole Fog (Si+) with
Band Bending Effects of { $V_{BP}=(kT) \ln(P+/P)$; $V_{BN}=(kT) \ln(N+/N)$; }**



Five Equations with Five Unknowns (I_{out} , I_d , I_e , V_{out} , V_s) ;

- (1) $I_{sc} = I_{out} + I_d + I_e$; (3) $V_s = I_{out} R_s$;
 (2) $V_{out} = I_{out} R_{out}$; (4) $V_{out} + V_s = I_e R_e$;
 (5) $I_d = (I_o) \{ \exp((V_{out} + V_s)/kT) - 1 \}$;**

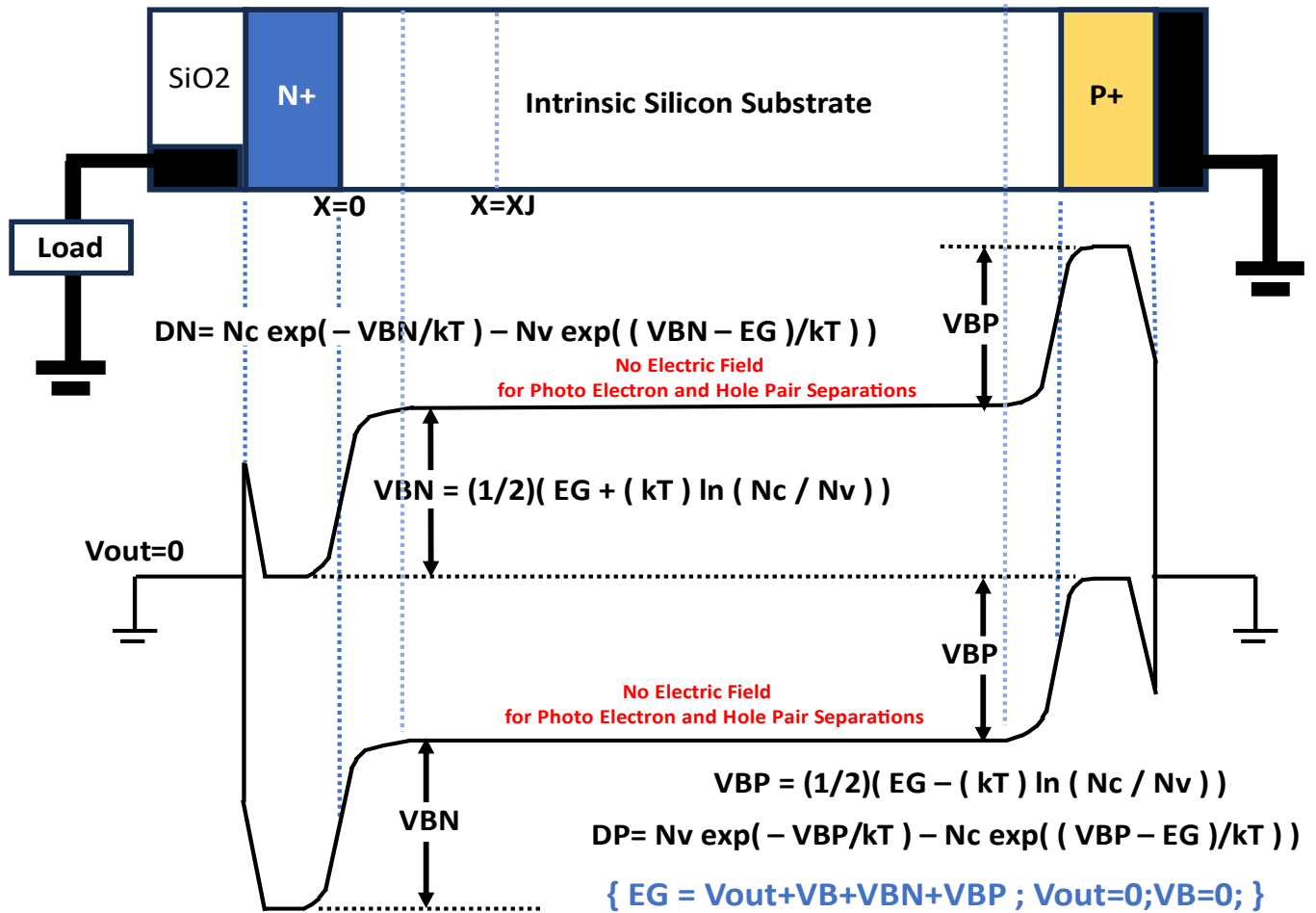


One More Condition { $d(\text{Power})/d(R_{out}) = 0$; } gives the maximum output power.

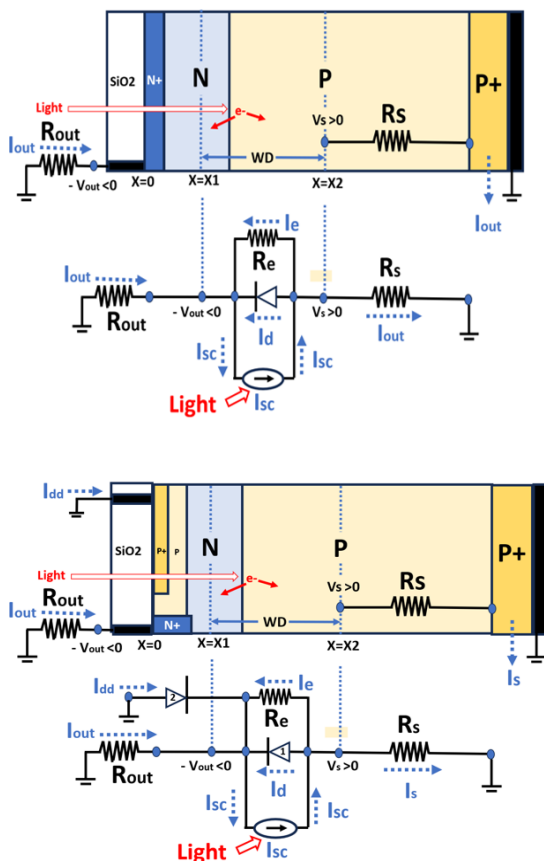
- (6) $\text{Power} = (I_{out})(V_{out})$; (7) $d(\text{Power})/d(R_{out}) = 0$;**

Find the optimum value of R_{out} to obtain the maximum power.

MPTT = Maximum Power Tracking Technology



A circuit model of (a) the floating-surfacer N+NPP+ single-junction-type solar cell and (b) the proposed pinned-surface P+PNPP+ double-Junction solar cell in comparison.



(a)

(b)

/*****

C2024_12_13

Input Parameter is the intensity of Sun Light Photo Current (I_{sc}).

For fixed input values of $\{ T_e = R_e I_o / kT; T_s = R_s I_o / kT; \}$,

find the optimum value of $\{ T_{out} = (R_{out} I_o / kT); \}$

in order to have the maximum output power $\{ Power = (I_{out})(V_{out}); \}$.

$\{ Input J_{sc} = I_{sc} / I_o ; Scan \{ T_{out} = (R_{out} I_o / kT) ; Scan \{ J_{out} = I_{out} / I_o ; \} \}$

Given $\{ T_e = R_e I_o / kT, T_s = R_s I_o / kT; \}$,

Scan $\{ T_{out} = R_{out} I_o / kT ;$

Scan $\{ J_{sc} = I_{sc} / I_o ;$

Obtain $\{ W_{out} = V_{out} / kT; W_s = V_s / kT; J_d = I_d / I_o; J_e = I_e / I_o; J_{out} = I_{out} / I_o; \}$,

Obtain $\{ dV_{out} = dW_{out} / dT_{out} ; dV_s = dW_s / dT_{out} ; dI_d = dJ_d / dT_{out} ;$

$dI_e = dJ_e / dT_{out} ; dI_{out} = dJ_{out} / dT_{out} ; \}$,

Obtain the optimum value of $\{ T_{out} = (R_{out} I_o / kT); \}$.

***** /

```
#include <stdio.h>
```

```
#include <math.h>
```

```
double Ts,Te,Jsc,Tout;
```

```
double Wout,Ws,WW,Power;
```

```
double Jout,Jd,Je,Js;
```

```
double Jout1,Jout2>Error>Error1>Error2;
```

```
double dVout,dVs;
```

```
double dIout,dId,dIe,dIs;
```

```
double dIout1,dIout2,Err,Err1,Err2;
```

```
double Tout_min,Tout_max,PPower;
```

```
int i,j,k,kk;
```

```
char c;
```

```
FILE *fpS;
```

```
FILE *fpSS;
```

```
/******/
```

```
void Obtain_Jout(void) {
```

```
/******
```

```
Step 1: Scan {  $0 < J_{out} = I_{out}/I_o < J_{sc}/I_o$  ; }
```

```
Step 2:  $(V_{out}/kT) = (I_{out}/I_o)(R_{out}*I_o/kT)$ ;  $W_{out} = J_{out}*T_{out}$ ;
```

```
Step 3:  $(V_s/kT) = (I_s/I_o)*(R_s*I_o/kT)$ ;  $W_s = J_{out}*T_s$ ;
```

```
Step 4:  $(I_d/I_o) = \exp((V_{out}+V_s)/kT)-1$ ;  $J_d = \exp(W_{out}+W_s)-1$ ;
```

Step 5: $(I_e/I_o) = ((V_{out} + V_s)/kT) / (R_e * I_o/kT)$; $J_e = (W_{out} + W_s)/T_e$;

Step 6: $(I_{out}/I_o) = (I_{sc}/I_o) - (I_d/I_o) - (I_e/I_o)$; $J_{out} = J_{sc} - J_d - J_e$;

Step 7: Return if $Error = J_{out} - (J_{sc} - J_d - J_e) = 0$;

Step 8: Choose the next value of { $J_{out} = I_{out}/I_o$; }

Step 9: Goto Step 2;

*****/

$J_{out1} = 0$;

$J_{out2} = J_{sc}$;

$i = 1$;

NEXT_ J_{out} :

/*****/

$J_{out} = J_{out1}$;

$W_{out} = J_{out} * T_{out}$;

$W_s = J_{out} * T_s$;

$WW = W_s + W_{out}$;

if($WW > 100$) $WW = 100$;

$J_d = \exp(WW) - 1$;

$J_e = (W_{out} + W_s)/T_e$;

$Error1 = J_{out} - (J_{sc} - J_d - J_e)$;

/*****/

$J_{out} = J_{out2}$;

```
Wout=Jout*Tout;
```

```
Ws=Jout*Ts;
```

```
WW=Ws+Wout;
```

```
if(WW>100) WW=100;
```

```
Jd=exp(WW)-1 ;
```

```
Je=(Wout+Ws)/Te;
```

```
Error2 = Jout - (Jsc-Jd-Je) ;
```

```
/******
```

```
Jout=(Jout1+Jout2)/2;
```

```
Wout=Jout*Tout;
```

```
Ws=Jout*Ts;
```

```
WW=Ws+Wout;
```

```
if(WW>100) WW=100;
```

```
Jd=exp(WW)-1 ;
```

```
Je=(Wout+Ws)/Te;
```

```
Error = Jout - (Jsc-Jd-Je) ;
```

```
/******
```

```
if(Error>0) { Jout2=Jout; goto NEXT;}
```

```
Jout1=Jout;
```

```
NEXT:  i=i+1; if(i<100) goto NEXT_Jout;
```

```
if(Error<0) Error=-Error;
```

```
if(Error>0.000001) printf("¥n¥n *****   Error=%f *****¥n¥n",Error); }
```

```
/******/
```

```
/******/
```

```
void main(void){
```

```
fpS=fopen( "S.txt","w");
```

```
fpSS=fopen( "SS.txt","w");
```

```
Te=100;
```

```
Ts=0;
```

```
NEXT_Ts:
```

```
Jsc=1;
```

```
NEXT_Jsc:
```

```
printf(   "¥n¥n¥n¥n Te=%f Ts=%f Jsc=%f ¥n¥n",Te,Ts,Jsc);
```

```
fprintf(fpS,"¥n¥n¥n¥n Te=%f Ts=%f Jsc=%f ¥n¥n",Te,Ts,Jsc);
```

```
/******/
```

```
PPower=0;
```

```
Tout_max=10;
```

```
Tout_min=0;
```

```
kk=0;
```

```
Tout=Tout_min;
```

```
Obtain_Jout( );
```

```
PPower=Jout*Wout;
```

```
Start_k:
```

```
k=0;
```

```
NEXT_k:
```

```
Tout=Tout_min + 0.1*(Tout_max - Tout_min)*k;
```

```
Obtain_Jout( );
```

```
Power=Jout*Wout;
```

```
/******
```

```
printf( "¥n Tout=%f Jout/Jsc=%f Power=%f Power-PPower=%f ¥n", Tout,Jout/Jsc,Power,Power-PPower);
```

```
fprintf(fpS,"¥n Tout=%f Jout/Jsc=%f Power=%f Power-PPower=%f ¥n", Tout,Jout/Jsc,Power,Power-PPower);
```

```
*****/
```

```
if(k>1)if(PPower>Power) goto JUMP;
```

```
PPower=Power;
```

```
k=k+1; if(k<11) goto NEXT_k;
```

```
printf("¥n¥n***** Error k=11 *****¥n¥n");
```

```
return;
```

```
JUMP:
```



```
kk=kk+1; if(kk>10) goto Print_Out;
```

```
Tout_min=Tout_min + 0.1*(Tout_max - Tout_min)*(k-2);
```

```
Tout_max=Tout_min + 0.1*(Tout_max - Tout_min)*k;
```

```
goto Start_k;
```

```
/******
```

```
Print_Out:
```

```
printf(      "¥n¥n*****¥n¥n");
```

```
fprintf(fpS,"¥n¥n*****¥n¥n");
```

```
Tout_min=0;
```

```
Tout_max=2*Tout;
```

```
k=0;
```

```
NEXTT_k:
```

```
Tout=Tout_min + 0.05*(Tout_max - Tout_min)*k;
```

```
Obtain_Jout( );
```

```
Power=Jout*Wout;
```

```
if(k==10) {
```

```
printf(      "¥n¥n Jsc=%f Tout=%f Jout/Jsc=%f Jout=%f Wout=%f Power=%f  <-- Maximum ¥n", Jsc,Tout,Jout/Jsc,Jout,Wout,Power);
```

```
fprintf(fpS,"¥n¥n Jsc=%f Tout=%f Jout/Jsc=%f Jout=%f Wout=%f Power=%f  <-- Maximum ¥n", Jsc,Tout,Jout/Jsc,Jout,Wout,Power);
```

```
fprintf(fpSS,"¥n Ts=%f Tout=%f Jout/Jsc=%f Jout=%f Wout=%f Power=%f Jsc=%f  ", Ts,Tout,Jout/Jsc,Jout,Wout,Power,Jsc);
```

```
goto NEXTTT; }
```

```
printf(      "%n Jsc=%f Tout=%f Jout/Jsc=%f Jout=%f Wout=%f Power=%f ", Jsc,Tout,Jout/Jsc,Jout,Wout,Power);
```

```
fprintf(fpS,"%n Jsc=%f Tout=%f Jout/Jsc=%f Jout=%f Wout=%f Power=%f ", Jsc,Tout,Jout/Jsc,Jout,Wout,Power);
```

```
NEXTTT:
```

```
k=k+1; if(k<21) goto NEXTT_k;
```

```
printf(      "%n\n*****\n\n");
```

```
fprintf(fpS,"%n\n*****\n\n");
```

```
/******/
```

```
Jsc=Jsc*10; if(Jsc<10000000) goto NEXT_Jsc;
```

```
fprintf(fpSS,"%n");
```

```
if(Ts<0.0000001) { Ts=0.000001; goto NEXT_Ts;}
```

```
Ts=Ts*10; if(Ts<1.1) goto NEXT_Ts;
```

```
fclose(fpSS);
```

```
fclose(fpS);}
```

```
/****** End of C-code *****/
```

```
/******
```

Output File (S.txt)

Te=100.000000 Ts=0.000000 Jsc=1.000000

Jsc=1.000000 Tout=0.000000 Jout/Jsc=1.000000 Jout=1.000000 Wout=0.000000 Power=0.000000
Jsc=1.000000 Tout=0.068419 Jout/Jsc=0.933414 Jout=0.933414 Wout=0.063864 Power=0.059611
Jsc=1.000000 Tout=0.136839 Jout/Jsc=0.872063 Jout=0.872063 Wout=0.119332 Power=0.104065
Jsc=1.000000 Tout=0.205258 Jout/Jsc=0.815993 Jout=0.815993 Wout=0.167489 Power=0.136670
Jsc=1.000000 Tout=0.273677 Jout/Jsc=0.765010 Jout=0.765010 Wout=0.209366 Power=0.160167
Jsc=1.000000 Tout=0.342096 Jout/Jsc=0.718780 Jout=0.718780 Wout=0.245892 Power=0.176742
Jsc=1.000000 Tout=0.410516 Jout/Jsc=0.676898 Jout=0.676898 Wout=0.277877 Power=0.188094
Jsc=1.000000 Tout=0.478935 Jout/Jsc=0.638942 Jout=0.638942 Wout=0.306012 Power=0.195524
Jsc=1.000000 Tout=0.547354 Jout/Jsc=0.604503 Jout=0.604503 Wout=0.330877 Power=0.200016
Jsc=1.000000 Tout=0.615773 Jout/Jsc=0.573197 Jout=0.573197 Wout=0.352959 Power=0.202315

Jsc=1.000000 Tout=0.684193 Jout/Jsc=0.544677 Jout=0.544677 Wout=0.372664 Power=0.202981 <-- Maximum

Jsc=1.000000 Tout=0.752612 Jout/Jsc=0.518631 Jout=0.518631 Wout=0.390328 Power=0.202436
Jsc=1.000000 Tout=0.821031 Jout/Jsc=0.494785 Jout=0.494785 Wout=0.406234 Power=0.200998
Jsc=1.000000 Tout=0.889450 Jout/Jsc=0.472894 Jout=0.472894 Wout=0.420616 Power=0.198907
Jsc=1.000000 Tout=0.957870 Jout/Jsc=0.452748 Jout=0.452748 Wout=0.433674 Power=0.196345
Jsc=1.000000 Tout=1.026289 Jout/Jsc=0.434160 Jout=0.434160 Wout=0.445573 Power=0.193450
Jsc=1.000000 Tout=1.094708 Jout/Jsc=0.416966 Jout=0.416966 Wout=0.456456 Power=0.190326
Jsc=1.000000 Tout=1.163127 Jout/Jsc=0.401024 Jout=0.401024 Wout=0.466442 Power=0.187054
Jsc=1.000000 Tout=1.231547 Jout/Jsc=0.386209 Jout=0.386209 Wout=0.475634 Power=0.183694
Jsc=1.000000 Tout=1.299966 Jout/Jsc=0.372411 Jout=0.372411 Wout=0.484121 Power=0.180292
Jsc=1.000000 Tout=1.368385 Jout/Jsc=0.359532 Jout=0.359532 Wout=0.491978 Power=0.176882

Te=100.000000 Ts=0.000000 Jsc=10.000000

Jsc=10.000000 Tout=0.000000 Jout/Jsc=1.000000 Jout=10.000000 Wout=0.000000 Power=0.000000

Jsc=10.000000 Tout=0.022601 Jout/Jsc=0.975124 Jout=9.751240 Wout=0.220385 Power=2.149024

Jsc=10.000000 Tout=0.045201 Jout/Jsc=0.946200 Jout=9.462004 Wout=0.427696 Power=4.046857

Jsc=10.000000 Tout=0.067802 Jout/Jsc=0.913593 Jout=9.135928 Wout=0.619435 Power=5.659111

Jsc=10.000000 Tout=0.090403 Jout/Jsc=0.878035 Jout=8.780349 Wout=0.793768 Power=6.969556

Jsc=10.000000 Tout=0.113003 Jout/Jsc=0.840525 Jout=8.405252 Wout=0.949822 Power=7.983495

Jsc=10.000000 Tout=0.135604 Jout/Jsc=0.802153 Jout=8.021527 Wout=1.087752 Power=8.725432

Jsc=10.000000 Tout=0.158205 Jout/Jsc=0.763924 Jout=7.639240 Wout=1.208564 Power=9.232514

Jsc=10.000000 Tout=0.180805 Jout/Jsc=0.726650 Jout=7.266495 Wout=1.313822 Power=9.546883

Jsc=10.000000 Tout=0.203406 Jout/Jsc=0.690903 Jout=6.909034 Wout=1.405340 Power=9.709542

Jsc=10.000000 Tout=0.226007 Jout/Jsc=0.657039 Jout=6.570391 Wout=1.484953 Power=9.756724 <-- Maximum

Jsc=10.000000 Tout=0.248608 Jout/Jsc=0.625233 Jout=6.252326 Wout=1.554375 Power=9.718462

Jsc=10.000000 Tout=0.271208 Jout/Jsc=0.595531 Jout=5.955311 Wout=1.615129 Power=9.618597

Jsc=10.000000 Tout=0.293809 Jout/Jsc=0.567896 Jout=5.678958 Wout=1.668528 Power=9.475503

Jsc=10.000000 Tout=0.316410 Jout/Jsc=0.542236 Jout=5.422357 Wout=1.715686 Power=9.303059

Jsc=10.000000 Tout=0.339010 Jout/Jsc=0.518431 Jout=5.184307 Wout=1.757533 Power=9.111592

Jsc=10.000000 Tout=0.361611 Jout/Jsc=0.496348 Jout=4.963482 Wout=1.794850 Power=8.908704

Jsc=10.000000 Tout=0.384212 Jout/Jsc=0.475853 Jout=4.758529 Wout=1.828282 Power=8.699935

Jsc=10.000000 Tout=0.406812 Jout/Jsc=0.456813 Jout=4.568131 Wout=1.858372 Power=8.489285

Jsc=10.000000 Tout=0.429413 Jout/Jsc=0.439104 Jout=4.391039 Wout=1.885569 Power=8.279609

Jsc=10.000000 Tout=0.452014 Jout/Jsc=0.422610 Jout=4.226097 Wout=1.910253 Power=8.072916

Te=100.000000 Ts=0.000000 Jsc=100.000000

Jsc=100.000000 Tout=0.000000 Jout/Jsc=1.000000 Jout=100.000000 Wout=0.000000 Power=0.000000
Jsc=100.000000 Tout=0.004143 Jout/Jsc=0.994858 Jout=99.485783 Wout=0.412173 Power=41.005358
Jsc=100.000000 Tout=0.008286 Jout/Jsc=0.987257 Jout=98.725747 Wout=0.818048 Power=80.762436
Jsc=100.000000 Tout=0.012429 Jout/Jsc=0.976231 Jout=97.623071 Wout=1.213367 Power=118.452640
Jsc=100.000000 Tout=0.016572 Jout/Jsc=0.960701 Jout=96.070086 Wout=1.592087 Power=152.951914
Jsc=100.000000 Tout=0.020715 Jout/Jsc=0.939750 Jout=93.974950 Wout=1.946707 Power=182.941727
Jsc=100.000000 Tout=0.024858 Jout/Jsc=0.913018 Jout=91.301786 Wout=2.269599 Power=207.218421
Jsc=100.000000 Tout=0.029001 Jout/Jsc=0.881022 Jout=88.102205 Wout=2.555073 Power=225.107600
Jsc=100.000000 Tout=0.033144 Jout/Jsc=0.845103 Jout=84.510333 Wout=2.801034 Power=236.716303
Jsc=100.000000 Tout=0.037287 Jout/Jsc=0.807006 Jout=80.700594 Wout=3.009108 Power=242.836816

Jsc=100.000000 Tout=0.041430 Jout/Jsc=0.768385 Jout=76.838456 Wout=3.183444 Power=244.610910 <-- Maximum

Jsc=100.000000 Tout=0.045573 Jout/Jsc=0.730511 Jout=73.051105 Wout=3.329186 Power=243.200700
Jsc=100.000000 Tout=0.049716 Jout/Jsc=0.694214 Jout=69.421436 Wout=3.451385 Power=239.600103
Jsc=100.000000 Tout=0.053859 Jout/Jsc=0.659952 Jout=65.995249 Wout=3.554468 Power=234.577992
Jsc=100.000000 Tout=0.058002 Jout/Jsc=0.627920 Jout=62.791991 Wout=3.642091 Power=228.694174
Jsc=100.000000 Tout=0.062146 Jout/Jsc=0.598143 Jout=59.814270 Wout=3.717189 Power=222.340940
Jsc=100.000000 Tout=0.066289 Jout/Jsc=0.570548 Jout=57.054825 Wout=3.782082 Power=215.786016
Jsc=100.000000 Tout=0.070432 Jout/Jsc=0.545011 Jout=54.501141 Wout=3.838602 Power=209.208183
Jsc=100.000000 Tout=0.074575 Jout/Jsc=0.521383 Jout=52.138339 Wout=3.888197 Power=202.724133
Jsc=100.000000 Tout=0.078718 Jout/Jsc=0.499509 Jout=49.950895 Wout=3.932017 Power=196.407793
Jsc=100.000000 Tout=0.082861 Jout/Jsc=0.479236 Jout=47.923612 Wout=3.970984 Power=190.303884

Te=100.000000 Ts=0.000000 Jsc=1000.000000

Jsc=1000.000000 Tout=0.000000 Jout/Jsc=1.000000 Jout=1000.000000 Wout=0.000000 Power=0.000000
Jsc=1000.000000 Tout=0.000610 Jout/Jsc=0.999155 Jout=999.155277 Wout=0.609022 Power=608.507890
Jsc=1000.000000 Tout=0.001219 Jout/Jsc=0.997614 Jout=997.613615 Wout=1.216165 Power=1213.263050

Jsc=1000.000000 Tout=0.001829 Jout/Jsc=0.994815 Jout=994.815312 Wout=1.819131 Power=1809.699297
Jsc=1000.000000 Tout=0.002438 Jout/Jsc=0.989805 Jout=989.805187 Wout=2.413292 Power=2388.689404
Jsc=1000.000000 Tout=0.003048 Jout/Jsc=0.981084 Jout=981.083716 Wout=2.990035 Power=2933.474920
Jsc=1000.000000 Tout=0.003657 Jout/Jsc=0.966660 Jout=966.659672 Wout=3.535290 Power=3417.422644
Jsc=1000.000000 Tout=0.004267 Jout/Jsc=0.944662 Jout=944.662314 Wout=4.030648 Power=3807.601254
Jsc=1000.000000 Tout=0.004876 Jout/Jsc=0.914515 Jout=914.515466 Wout=4.459450 Power=4078.235840
Jsc=1000.000000 Tout=0.005486 Jout/Jsc=0.877649 Jout=877.649430 Wout=4.814640 Power=4225.566109

Jsc=1000.000000 Tout=0.006095 Jout/Jsc=0.836814 Jout=836.813696 Wout=5.100691 Power=4268.328146 <-- Maximum

Jsc=1000.000000 Tout=0.006705 Jout/Jsc=0.794759 Jout=794.758977 Wout=5.328787 Power=4235.101376
Jsc=1000.000000 Tout=0.007314 Jout/Jsc=0.753478 Jout=753.478178 Wout=5.511276 Power=4152.626248
Jsc=1000.000000 Tout=0.007924 Jout/Jsc=0.714137 Jout=714.136760 Wout=5.658808 Power=4041.163026
Jsc=1000.000000 Tout=0.008534 Jout/Jsc=0.677290 Jout=677.290074 Wout=5.779669 Power=3914.512622
Jsc=1000.000000 Tout=0.009143 Jout/Jsc=0.643116 Jout=643.115780 Wout=5.880045 Power=3781.549862
Jsc=1000.000000 Tout=0.009753 Jout/Jsc=0.611581 Jout=611.581036 Wout=5.964503 Power=3647.776688
Jsc=1000.000000 Tout=0.010362 Jout/Jsc=0.582546 Jout=582.546280 Wout=6.036422 Power=3516.495200
Jsc=1000.000000 Tout=0.010972 Jout/Jsc=0.555825 Jout=555.825141 Wout=6.098330 Power=3389.605213
Jsc=1000.000000 Tout=0.011581 Jout/Jsc=0.531217 Jout=531.217411 Wout=6.152139 Power=3268.123375
Jsc=1000.000000 Tout=0.012191 Jout/Jsc=0.508526 Jout=508.526361 Wout=6.199315 Power=3152.515122

Te=100.000000 Ts=0.000000 Jsc=10000.000000

Jsc=10000.000000 Tout=0.000000 Jout/Jsc=1.000000 Jout=10000.000000 Wout=0.000000 Power=0.000000
Jsc=10000.000000 Tout=0.000081 Jout/Jsc=0.999874 Jout=9998.739348 Wout=0.812055 Power=8119.522534
Jsc=10000.000000 Tout=0.000162 Jout/Jsc=0.999591 Jout=9995.912196 Wout=1.623650 Power=16229.863156
Jsc=10000.000000 Tout=0.000244 Jout/Jsc=0.998957 Jout=9989.572047 Wout=2.433930 Power=24313.921982
Jsc=10000.000000 Tout=0.000325 Jout/Jsc=0.997542 Jout=9975.417472 Wout=3.240642 Power=32326.757730
Jsc=10000.000000 Tout=0.000406 Jout/Jsc=0.994424 Jout=9944.238783 Wout=4.038142 Power=40156.244487
Jsc=10000.000000 Tout=0.000487 Jout/Jsc=0.987780 Jout=9877.802738 Wout=4.813396 Power=47545.776603
Jsc=10000.000000 Tout=0.000569 Jout/Jsc=0.974608 Jout=9746.077632 Wout=5.540742 Power=54000.498622

Jsc=10000.000000 Tout=0.000650 Jout/Jsc=0.951645 Jout=9516.454330 Wout=6.183084 Power=58841.037218

Jsc=10000.000000 Tout=0.000731 Jout/Jsc=0.918021 Jout=9180.205291 Wout=6.710191 Power=61600.933422

Jsc=10000.000000 Tout=0.000812 Jout/Jsc=0.876563 Jout=8765.630197 Wout=7.119068 Power=62403.117533 <-- Maximum

Jsc=10000.000000 Tout=0.000893 Jout/Jsc=0.831613 Jout=8316.127303 Wout=7.429401 Power=61783.846111

Jsc=10000.000000 Tout=0.000975 Jout/Jsc=0.786605 Jout=7866.050984 Wout=7.666162 Power=60302.422220

Jsc=10000.000000 Tout=0.001056 Jout/Jsc=0.743512 Jout=7435.117170 Wout=7.850027 Power=58365.872666

Jsc=10000.000000 Tout=0.001137 Jout/Jsc=0.703229 Jout=7032.291895 Wout=7.995855 Power=56229.187868

Jsc=10000.000000 Tout=0.001218 Jout/Jsc=0.666036 Jout=6660.364152 Wout=8.113892 Power=54041.476430

Jsc=10000.000000 Tout=0.001299 Jout/Jsc=0.631897 Jout=6318.972520 Wout=8.211197 Power=51886.325192

Jsc=10000.000000 Tout=0.001381 Jout/Jsc=0.600630 Jout=6006.302023 Wout=8.292702 Power=49808.475774

Jsc=10000.000000 Tout=0.001462 Jout/Jsc=0.571997 Jout=5719.972751 Wout=8.361929 Power=47830.004527

Jsc=10000.000000 Tout=0.001543 Jout/Jsc=0.545749 Jout=5457.485996 Wout=8.421437 Power=45959.877040

Jsc=10000.000000 Tout=0.001624 Jout/Jsc=0.521644 Jout=5216.437278 Wout=8.473132 Power=44199.562699

Te=100.000000 Ts=0.000000 Jsc=100000.000000

Jsc=100000.000000 Tout=0.000000 Jout/Jsc=1.000000 Jout=100000.000000 Wout=0.000000 Power=0.000000

Jsc=100000.000000 Tout=0.000010 Jout/Jsc=0.999982 Jout=99998.203774 Wout=1.024600 Power=102458.143140

Jsc=100000.000000 Tout=0.000020 Jout/Jsc=0.999932 Jout=99993.218615 Wout=2.049098 Power=204895.855620

Jsc=100000.000000 Tout=0.000031 Jout/Jsc=0.999794 Jout=99979.357884 Wout=3.073220 Power=307258.583365

Jsc=100000.000000 Tout=0.000041 Jout/Jsc=0.999409 Jout=99940.856687 Wout=4.096049 Power=409362.644822

Jsc=100000.000000 Tout=0.000051 Jout/Jsc=0.998345 Jout=99834.512476 Wout=5.114613 Power=510614.907657

Jsc=100000.000000 Tout=0.000061 Jout/Jsc=0.995462 Jout=99546.161095 Wout=6.119809 Power=609203.466984

Jsc=100000.000000 Tout=0.000072 Jout/Jsc=0.988051 Jout=98805.066433 Wout=7.086623 Power=700194.269051

Jsc=100000.000000 Tout=0.000082 Jout/Jsc=0.971316 Jout=97131.613373 Wout=7.961826 Power=773344.987227

Jsc=100000.000000 Tout=0.000092 Jout/Jsc=0.941205 Jout=94120.500062 Wout=8.679382 Power=816907.802400

Jsc=100000.000000 Tout=0.000102 Jout/Jsc=0.899449 Jout=89944.934751 Wout=9.215922 Power=828925.509637 <-- Maximum

Jsc=100000.000000 Tout=0.000113 Jout/Jsc=0.851985 Jout=85198.454478 Wout=9.602548 Power=818122.244611
Jsc=100000.000000 Tout=0.000123 Jout/Jsc=0.803874 Jout=80387.433840 Wout=9.883972 Power=794547.122510
Jsc=100000.000000 Tout=0.000133 Jout/Jsc=0.757860 Jout=75786.000311 Wout=10.094723 Power=765038.708701
Jsc=100000.000000 Tout=0.000143 Jout/Jsc=0.715071 Jout=71507.070066 Wout=10.257443 Power=733479.678057
Jsc=100000.000000 Tout=0.000154 Jout/Jsc=0.675800 Jout=67580.018085 Wout=10.386558 Power=701923.769273
Jsc=100000.000000 Tout=0.000164 Jout/Jsc=0.639959 Jout=63995.870436 Wout=10.491414 Power=671407.157037
Jsc=100000.000000 Tout=0.000174 Jout/Jsc=0.607299 Jout=60729.888538 Wout=10.578242 Power=642415.442808
Jsc=100000.000000 Tout=0.000184 Jout/Jsc=0.577523 Jout=57752.278593 Wout=10.651327 Power=615138.395551
Jsc=100000.000000 Tout=0.000195 Jout/Jsc=0.550331 Jout=55033.087858 Wout=10.713702 Power=589608.107214
Jsc=100000.000000 Tout=0.000205 Jout/Jsc=0.525443 Jout=52544.304818 Wout=10.767571 Power=565774.513061

Te=100.000000 Ts=0.000000 Jsc=1000000.000000

Jsc=1000000.000000 Tout=0.000000 Jout/Jsc=1.000000 Jout=1000000.000000 Wout=0.000000 Power=0.000000
Jsc=1000000.000000 Tout=0.000001 Jout/Jsc=0.999997 Jout=999997.442637 Wout=1.265456 Power=1265452.727531
Jsc=1000000.000000 Tout=0.000003 Jout/Jsc=0.999988 Jout=999988.410019 Wout=2.530889 Power=2530859.733748
Jsc=1000000.000000 Tout=0.000004 Jout/Jsc=0.999956 Jout=999956.429853 Wout=3.796212 Power=3796046.789744
Jsc=1000000.000000 Tout=0.000005 Jout/Jsc=0.999843 Jout=999843.194409 Wout=5.061043 Power=5060249.475835
Jsc=1000000.000000 Tout=0.000006 Jout/Jsc=0.999443 Jout=999443.263431 Wout=6.323773 Power=6320252.687050
Jsc=1000000.000000 Tout=0.000008 Jout/Jsc=0.998046 Jout=998046.361643 Wout=7.577922 Power=7563117.183696
Jsc=1000000.000000 Tout=0.000009 Jout/Jsc=0.993370 Jout=993370.082625 Wout=8.799485 Power=8741145.310811
Jsc=1000000.000000 Tout=0.000010 Jout/Jsc=0.979704 Jout=979704.336130 Wout=9.918207 Power=9716910.329582
Jsc=1000000.000000 Tout=0.000011 Jout/Jsc=0.950004 Jout=950003.821665 Wout=10.819720 Power=10278775.050521

Jsc=1000000.000000 Tout=0.000013 Jout/Jsc=0.905398 Jout=905398.041691 Wout=11.457443 Power=10373546.287676 <-- Maximum

Jsc=1000000.000000 Tout=0.000014 Jout/Jsc=0.854175 Jout=854175.426422 Wout=11.890166 Power=10156287.331038
Jsc=1000000.000000 Tout=0.000015 Jout/Jsc=0.802852 Jout=802851.854523 Wout=12.191715 Power=9788141.147309
Jsc=1000000.000000 Tout=0.000016 Jout/Jsc=0.754441 Jout=754441.493786 Wout=12.411294 Power=9363595.244970
Jsc=1000000.000000 Tout=0.000018 Jout/Jsc=0.709952 Jout=709951.558694 Wout=12.577806 Power=8929633.145784
Jsc=1000000.000000 Tout=0.000019 Jout/Jsc=0.669500 Jout=669499.571215 Wout=12.708366 Power=8508245.505392

Jsc=1000000.000000 Tout=0.000020 Jout/Jsc=0.632850 Jout=632849.758915 Wout=12.813529 Power=8109038.608262
Jsc=1000000.000000 Tout=0.000022 Jout/Jsc=0.599648 Jout=599647.595285 Wout=12.900103 Power=7735515.518367
Jsc=1000000.000000 Tout=0.000023 Jout/Jsc=0.569519 Jout=569519.216823 Wout=12.972660 Power=7388179.154828
Jsc=1000000.000000 Tout=0.000024 Jout/Jsc=0.542112 Jout=542111.620714 Wout=13.034383 Power=7066090.286759
Jsc=1000000.000000 Tout=0.000025 Jout/Jsc=0.517107 Jout=517106.852635 Wout=13.087552 Power=6767663.072144

Te=100.000000 Ts=0.000001 Jsc=1.000000

Jsc=1.000000 Tout=0.000000 Jout/Jsc=0.999999 Jout=0.999999 Wout=0.000000 Power=0.000000
Jsc=1.000000 Tout=0.068419 Jout/Jsc=0.933414 Jout=0.933414 Wout=0.063863 Power=0.059611
Jsc=1.000000 Tout=0.136839 Jout/Jsc=0.872062 Jout=0.872062 Wout=0.119332 Power=0.104065
Jsc=1.000000 Tout=0.205258 Jout/Jsc=0.815992 Jout=0.815992 Wout=0.167489 Power=0.136669
Jsc=1.000000 Tout=0.273677 Jout/Jsc=0.765010 Jout=0.765010 Wout=0.209366 Power=0.160167
Jsc=1.000000 Tout=0.342096 Jout/Jsc=0.718779 Jout=0.718779 Wout=0.245892 Power=0.176742
Jsc=1.000000 Tout=0.410516 Jout/Jsc=0.676897 Jout=0.676897 Wout=0.277877 Power=0.188094
Jsc=1.000000 Tout=0.478935 Jout/Jsc=0.638941 Jout=0.638941 Wout=0.306011 Power=0.195523
Jsc=1.000000 Tout=0.547354 Jout/Jsc=0.604502 Jout=0.604502 Wout=0.330877 Power=0.200016
Jsc=1.000000 Tout=0.615773 Jout/Jsc=0.573197 Jout=0.573197 Wout=0.352959 Power=0.202315

Jsc=1.000000 Tout=0.684193 Jout/Jsc=0.544677 Jout=0.544677 Wout=0.372664 Power=0.202981 <-- Maximum

Jsc=1.000000 Tout=0.752612 Jout/Jsc=0.518631 Jout=0.518631 Wout=0.390328 Power=0.202436
Jsc=1.000000 Tout=0.821031 Jout/Jsc=0.494784 Jout=0.494784 Wout=0.406233 Power=0.200998
Jsc=1.000000 Tout=0.889450 Jout/Jsc=0.472894 Jout=0.472894 Wout=0.420616 Power=0.198907
Jsc=1.000000 Tout=0.957870 Jout/Jsc=0.452748 Jout=0.452748 Wout=0.433673 Power=0.196345
Jsc=1.000000 Tout=1.026289 Jout/Jsc=0.434159 Jout=0.434159 Wout=0.445573 Power=0.193450
Jsc=1.000000 Tout=1.094708 Jout/Jsc=0.416966 Jout=0.416966 Wout=0.456456 Power=0.190326
Jsc=1.000000 Tout=1.163127 Jout/Jsc=0.401024 Jout=0.401024 Wout=0.466442 Power=0.187054
Jsc=1.000000 Tout=1.231547 Jout/Jsc=0.386209 Jout=0.386209 Wout=0.475634 Power=0.183694
Jsc=1.000000 Tout=1.299966 Jout/Jsc=0.372410 Jout=0.372410 Wout=0.484121 Power=0.180292
Jsc=1.000000 Tout=1.368385 Jout/Jsc=0.359532 Jout=0.359532 Wout=0.491978 Power=0.176882

Te=100.000000 Ts=0.000001 Jsc=10.000000

Jsc=10.000000 Tout=0.000000 Jout/Jsc=0.999999 Jout=9.999990 Wout=0.000000 Power=0.000000
Jsc=10.000000 Tout=0.022601 Jout/Jsc=0.975123 Jout=9.751228 Wout=0.220384 Power=2.149019
Jsc=10.000000 Tout=0.045201 Jout/Jsc=0.946199 Jout=9.461990 Wout=0.427695 Power=4.046845
Jsc=10.000000 Tout=0.067802 Jout/Jsc=0.913591 Jout=9.135913 Wout=0.619434 Power=5.659092
Jsc=10.000000 Tout=0.090403 Jout/Jsc=0.878033 Jout=8.780333 Wout=0.793766 Power=6.969530
Jsc=10.000000 Tout=0.113003 Jout/Jsc=0.840523 Jout=8.405235 Wout=0.949820 Power=7.983463
Jsc=10.000000 Tout=0.135604 Jout/Jsc=0.802151 Jout=8.021510 Wout=1.087750 Power=8.725395
Jsc=10.000000 Tout=0.158205 Jout/Jsc=0.763922 Jout=7.639224 Wout=1.208562 Power=9.232474
Jsc=10.000000 Tout=0.180805 Jout/Jsc=0.726648 Jout=7.266479 Wout=1.313819 Power=9.546840
Jsc=10.000000 Tout=0.203406 Jout/Jsc=0.690902 Jout=6.909018 Wout=1.405337 Power=9.709498

Jsc=10.000000 Tout=0.226007 Jout/Jsc=0.657038 Jout=6.570377 Wout=1.484950 Power=9.756681 <-- Maximum

Jsc=10.000000 Tout=0.248608 Jout/Jsc=0.625231 Jout=6.252313 Wout=1.554372 Power=9.718420
Jsc=10.000000 Tout=0.271208 Jout/Jsc=0.595530 Jout=5.955298 Wout=1.615126 Power=9.618556
Jsc=10.000000 Tout=0.293809 Jout/Jsc=0.567895 Jout=5.678947 Wout=1.668525 Power=9.475464
Jsc=10.000000 Tout=0.316410 Jout/Jsc=0.542235 Jout=5.422346 Wout=1.715682 Power=9.303022
Jsc=10.000000 Tout=0.339010 Jout/Jsc=0.518430 Jout=5.184297 Wout=1.757530 Power=9.111557
Jsc=10.000000 Tout=0.361611 Jout/Jsc=0.496347 Jout=4.963473 Wout=1.794846 Power=8.908670
Jsc=10.000000 Tout=0.384212 Jout/Jsc=0.475852 Jout=4.758521 Wout=1.828279 Power=8.699903
Jsc=10.000000 Tout=0.406812 Jout/Jsc=0.456812 Jout=4.568122 Wout=1.858368 Power=8.489254
Jsc=10.000000 Tout=0.429413 Jout/Jsc=0.439103 Jout=4.391032 Wout=1.885566 Power=8.279580
Jsc=10.000000 Tout=0.452014 Jout/Jsc=0.422609 Jout=4.226090 Wout=1.910250 Power=8.072889

Te=100.000000 Ts=0.000001 Jsc=100.000000

Jsc=100.000000 Tout=0.000000 Jout/Jsc=0.999999 Jout=99.999899 Wout=0.000000 Power=0.000000
Jsc=100.000000 Tout=0.004143 Jout/Jsc=0.994856 Jout=99.485632 Wout=0.412172 Power=41.005234
Jsc=100.000000 Tout=0.008286 Jout/Jsc=0.987255 Jout=98.725526 Wout=0.818047 Power=80.762075
Jsc=100.000000 Tout=0.012429 Jout/Jsc=0.976228 Jout=97.622754 Wout=1.213363 Power=118.451872
Jsc=100.000000 Tout=0.016572 Jout/Jsc=0.960696 Jout=96.069649 Wout=1.592080 Power=152.950522
Jsc=100.000000 Tout=0.020715 Jout/Jsc=0.939744 Jout=93.974375 Wout=1.946695 Power=182.939486
Jsc=100.000000 Tout=0.024858 Jout/Jsc=0.913011 Jout=91.301073 Wout=2.269581 Power=207.215186
Jsc=100.000000 Tout=0.029001 Jout/Jsc=0.881014 Jout=88.101379 Wout=2.555049 Power=225.103377
Jsc=100.000000 Tout=0.033144 Jout/Jsc=0.845094 Jout=84.509432 Wout=2.801004 Power=236.711259
Jsc=100.000000 Tout=0.037287 Jout/Jsc=0.806997 Jout=80.699662 Wout=3.009073 Power=242.831208

Jsc=100.000000 Tout=0.041430 Jout/Jsc=0.768375 Jout=76.837529 Wout=3.183405 Power=244.605005 <-- Maximum

Jsc=100.000000 Tout=0.045573 Jout/Jsc=0.730502 Jout=73.050207 Wout=3.329145 Power=243.194723
Jsc=100.000000 Tout=0.049716 Jout/Jsc=0.694206 Jout=69.420584 Wout=3.451343 Power=239.594216
Jsc=100.000000 Tout=0.053859 Jout/Jsc=0.659944 Jout=65.994449 Wout=3.554425 Power=234.572302
Jsc=100.000000 Tout=0.058002 Jout/Jsc=0.627912 Jout=62.791245 Wout=3.642048 Power=228.688742
Jsc=100.000000 Tout=0.062146 Jout/Jsc=0.598136 Jout=59.813578 Wout=3.717146 Power=222.335796
Jsc=100.000000 Tout=0.066289 Jout/Jsc=0.570542 Jout=57.054184 Wout=3.782039 Power=215.781171
Jsc=100.000000 Tout=0.070432 Jout/Jsc=0.545005 Jout=54.500548 Wout=3.838560 Power=209.203633
Jsc=100.000000 Tout=0.074575 Jout/Jsc=0.521378 Jout=52.137791 Wout=3.888156 Power=202.719867
Jsc=100.000000 Tout=0.078718 Jout/Jsc=0.499504 Jout=49.950387 Wout=3.931977 Power=196.403797
Jsc=100.000000 Tout=0.082861 Jout/Jsc=0.479231 Jout=47.923141 Wout=3.970945 Power=190.300142

Te=100.000000 Ts=0.000001 Jsc=1000.000000

Jsc=1000.000000 Tout=0.000000 Jout/Jsc=0.999999 Jout=999.998990 Wout=0.000000 Power=0.000000
Jsc=1000.000000 Tout=0.000610 Jout/Jsc=0.999153 Jout=999.153431 Wout=0.609021 Power=608.505641
Jsc=1000.000000 Tout=0.001219 Jout/Jsc=0.997610 Jout=997.610251 Wout=1.216161 Power=1213.254868
Jsc=1000.000000 Tout=0.001829 Jout/Jsc=0.994809 Jout=994.809233 Wout=1.819120 Power=1809.677181
Jsc=1000.000000 Tout=0.002438 Jout/Jsc=0.989794 Jout=989.794409 Wout=2.413266 Power=2388.637384
Jsc=1000.000000 Tout=0.003048 Jout/Jsc=0.981065 Jout=981.065304 Wout=2.989979 Power=2933.364818
Jsc=1000.000000 Tout=0.003657 Jout/Jsc=0.966630 Jout=966.630190 Wout=3.535183 Power=3417.214188
Jsc=1000.000000 Tout=0.004267 Jout/Jsc=0.944619 Jout=944.619415 Wout=4.030465 Power=3807.255441
Jsc=1000.000000 Tout=0.004876 Jout/Jsc=0.914460 Jout=914.459842 Wout=4.459179 Power=4077.739749
Jsc=1000.000000 Tout=0.005486 Jout/Jsc=0.877585 Jout=877.584870 Wout=4.814286 Power=4224.944460

Jsc=1000.000000 Tout=0.006095 Jout/Jsc=0.836745 Jout=836.745033 Wout=5.100273 Power=4267.627718 <-- Maximum

Jsc=1000.000000 Tout=0.006705 Jout/Jsc=0.794690 Jout=794.690196 Wout=5.328326 Power=4234.368363
Jsc=1000.000000 Tout=0.007314 Jout/Jsc=0.753412 Jout=753.411825 Wout=5.510791 Power=4151.894906
Jsc=1000.000000 Tout=0.007924 Jout/Jsc=0.714074 Jout=714.074178 Wout=5.658312 Power=4040.454774
Jsc=1000.000000 Tout=0.008534 Jout/Jsc=0.677232 Jout=677.231807 Wout=5.779172 Power=3913.839122
Jsc=1000.000000 Tout=0.009143 Jout/Jsc=0.643062 Jout=643.061910 Wout=5.879553 Power=3780.916379
Jsc=1000.000000 Tout=0.009753 Jout/Jsc=0.611531 Jout=611.531401 Wout=5.964019 Power=3647.184621
Jsc=1000.000000 Tout=0.010362 Jout/Jsc=0.582501 Jout=582.500601 Wout=6.035949 Power=3515.943746
Jsc=1000.000000 Tout=0.010972 Jout/Jsc=0.555783 Jout=555.783094 Wout=6.097869 Power=3389.092400
Jsc=1000.000000 Tout=0.011581 Jout/Jsc=0.531179 Jout=531.178667 Wout=6.151690 Power=3267.646676
Jsc=1000.000000 Tout=0.012191 Jout/Jsc=0.508491 Jout=508.490606 Wout=6.198879 Power=3152.071822

Te=100.000000 Ts=0.000001 Jsc=10000.000000

Jsc=10000.000000 Tout=0.000000 Jout/Jsc=0.999999 Jout=9999.989850 Wout=0.000000 Power=0.000000

Jsc=10000.000000 Tout=0.000081 Jout/Jsc=0.999872 Jout=9998.717587 Wout=0.811628 Power=8115.241548
Jsc=10000.000000 Tout=0.000162 Jout/Jsc=0.999587 Jout=9995.865541 Wout=1.622793 Power=16221.225212
Jsc=10000.000000 Tout=0.000244 Jout/Jsc=0.998947 Jout=9989.472402 Wout=2.432633 Power=24300.723538
Jsc=10000.000000 Tout=0.000325 Jout/Jsc=0.997521 Jout=9975.206701 Wout=3.238879 Power=32308.488880
Jsc=10000.000000 Tout=0.000406 Jout/Jsc=0.994380 Jout=9943.802823 Wout=4.035853 Power=40131.727949
Jsc=10000.000000 Tout=0.000487 Jout/Jsc=0.987694 Jout=9876.944771 Wout=4.810461 Power=47512.660336
Jsc=10000.000000 Tout=0.000568 Jout/Jsc=0.974455 Jout=9744.549197 Wout=5.536976 Power=53955.334869
Jsc=10000.000000 Tout=0.000649 Jout/Jsc=0.951414 Jout=9514.135300 Wout=6.178345 Power=58781.610470
Jsc=10000.000000 Tout=0.000731 Jout/Jsc=0.917729 Jout=9177.293586 Wout=6.704555 Power=61529.672990

Jsc=10000.000000 Tout=0.000812 Jout/Jsc=0.876252 Jout=8762.519532 Wout=7.112820 Power=62326.228159 <-- Maximum

Jsc=10000.000000 Tout=0.000893 Jout/Jsc=0.831315 Jout=8313.147099 Wout=7.422855 Power=61707.288437
Jsc=10000.000000 Tout=0.000974 Jout/Jsc=0.786338 Jout=7863.378132 Wout=7.659550 Power=60229.937701
Jsc=10000.000000 Tout=0.001055 Jout/Jsc=0.743281 Jout=7432.813716 Wout=7.843492 Power=58299.213568
Jsc=10000.000000 Tout=0.001136 Jout/Jsc=0.703036 Jout=7030.357726 Wout=7.989476 Power=56168.875628
Jsc=10000.000000 Tout=0.001218 Jout/Jsc=0.665877 Jout=6658.771372 Wout=8.107710 Power=53987.387689
Jsc=10000.000000 Tout=0.001299 Jout/Jsc=0.631768 Jout=6317.683555 Wout=8.205229 Power=51838.039408
Jsc=10000.000000 Tout=0.001380 Jout/Jsc=0.600528 Jout=6005.278216 Wout=8.286953 Power=49765.461212
Jsc=10000.000000 Tout=0.001461 Jout/Jsc=0.571918 Jout=5719.178055 Wout=8.356395 Power=47791.711921
Jsc=10000.000000 Tout=0.001542 Jout/Jsc=0.545689 Jout=5456.888305 Wout=8.416112 Power=45925.783797
Jsc=10000.000000 Tout=0.001623 Jout/Jsc=0.521601 Jout=5216.008650 Wout=8.468006 Power=44169.191396

Te=100.000000 Ts=0.000001 Jsc=100000.000000

Jsc=100000.000000 Tout=0.000000 Jout/Jsc=0.999999 Jout=99999.893829 Wout=0.000000 Power=0.000000
Jsc=100000.000000 Tout=0.000010 Jout/Jsc=0.999979 Jout=99997.927389 Wout=1.018882 Power=101886.064464
Jsc=100000.000000 Tout=0.000020 Jout/Jsc=0.999925 Jout=99992.499175 Wout=2.037653 Power=203750.006698
Jsc=100000.000000 Tout=0.000031 Jout/Jsc=0.999775 Jout=99977.491982 Wout=3.056021 Power=305533.278580
Jsc=100000.000000 Tout=0.000041 Jout/Jsc=0.999361 Jout=99936.052190 Wout=4.073005 Power=407040.065804
Jsc=100000.000000 Tout=0.000051 Jout/Jsc=0.998223 Jout=99822.323800 Wout=5.085463 Power=507642.700355

Jsc=100000.000000 Tout=0.000061 Jout/Jsc=0.995163 Jout=99516.318622 Wout=6.083848 Power=605442.138014
Jsc=100000.000000 Tout=0.000071 Jout/Jsc=0.987382 Jout=98738.162350 Wout=7.042322 Power=695345.919031
Jsc=100000.000000 Tout=0.000082 Jout/Jsc=0.970072 Jout=97007.179808 Wout=7.907272 Power=767062.117013
Jsc=100000.000000 Tout=0.000092 Jout/Jsc=0.939449 Jout=93944.886044 Wout=8.614864 Power=809322.449236

Jsc=100000.000000 Tout=0.000102 Jout/Jsc=0.897536 Jout=89753.582686 Wout=9.145018 Power=820798.164135 <-- Maximum

Jsc=100000.000000 Tout=0.000112 Jout/Jsc=0.850229 Jout=85022.936420 Wout=9.529313 Power=810210.141553
Jsc=100000.000000 Tout=0.000122 Jout/Jsc=0.802423 Jout=80242.349491 Wout=9.811099 Power=787265.660470
Jsc=100000.000000 Tout=0.000132 Jout/Jsc=0.756745 Jout=75674.484759 Wout=10.023644 Power=758534.061834
Jsc=100000.000000 Tout=0.000143 Jout/Jsc=0.714271 Jout=71427.096619 Wout=10.188818 Power=727757.717977
Jsc=100000.000000 Tout=0.000153 Jout/Jsc=0.675278 Jout=67527.794198 Wout=10.320640 Power=696930.026779
Jsc=100000.000000 Tout=0.000163 Jout/Jsc=0.639673 Jout=63967.326529 Wout=10.428239 Power=667066.563867
Jsc=100000.000000 Tout=0.000173 Jout/Jsc=0.607213 Jout=60721.254254 Wout=10.517740 Power=638650.385497
Jsc=100000.000000 Tout=0.000183 Jout/Jsc=0.577603 Jout=57760.262442 Wout=10.593378 Power=611876.270059
Jsc=100000.000000 Tout=0.000194 Jout/Jsc=0.550549 Jout=55054.894086 Wout=10.658162 Power=586783.987050
Jsc=100000.000000 Tout=0.000204 Jout/Jsc=0.525776 Jout=52577.589258 Wout=10.714291 Power=563331.613660

Te=100.000000 Ts=0.000001 Jsc=1000000.000000

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Jsc=1000000.000000 Tout=0.000001 Jout/Jsc=0.999992 Jout=999992.035798 Wout=1.190800 Power=1190790.632379
Jsc=1000000.000000 Tout=0.000002 Jout/Jsc=0.999972 Jout=999971.550648 Wout=2.381551 Power=2381483.690882
Jsc=1000000.000000 Tout=0.000004 Jout/Jsc=0.999904 Jout=999904.217775 Wout=3.572087 Power=3571744.482414
Jsc=1000000.000000 Tout=0.000005 Jout/Jsc=0.999683 Jout=999683.145552 Wout=4.761729 Power=4760220.371663
Jsc=1000000.000000 Tout=0.000006 Jout/Jsc=0.998961 Jout=998961.089252 Wout=5.947862 Power=5941682.977494
Jsc=1000000.000000 Tout=0.000007 Jout/Jsc=0.996648 Jout=996648.099541 Wout=7.120909 Power=7097040.171227
Jsc=1000000.000000 Tout=0.000008 Jout/Jsc=0.989704 Jout=989704.485898 Wout=8.249847 Power=8164910.802396
Jsc=1000000.000000 Tout=0.000010 Jout/Jsc=0.972178 Jout=972178.117396 Wout=9.261432 Power=9003761.799173
Jsc=1000000.000000 Tout=0.000011 Jout/Jsc=0.939572 Jout=939571.588259 Wout=10.069658 Power=9461164.376754

Jsc=1000000.000000 Tout=0.000012 Jout/Jsc=0.895400 Jout=895399.916658 Wout=10.662508 Power=9547208.923154 <-- Maximum

Jsc=1000000.000000 Tout=0.000013 Jout/Jsc=0.846827 Jout=846826.762312 Wout=11.092504 Power=9393429.095034

Jsc=1000000.000000 Tout=0.000014 Jout/Jsc=0.798733 Jout=798732.601873 Wout=11.413661 Power=9116463.468296

Jsc=1000000.000000 Tout=0.000015 Jout/Jsc=0.753356 Jout=753356.126136 Wout=11.662348 Power=8785901.457001

Jsc=1000000.000000 Tout=0.000017 Jout/Jsc=0.711467 Jout=711466.834492 Wout=11.861102 Power=8438780.346562

Jsc=1000000.000000 Tout=0.000018 Jout/Jsc=0.673159 Jout=673159.445736 Wout=12.024071 Power=8094116.939354

Jsc=1000000.000000 Tout=0.000019 Jout/Jsc=0.638246 Jout=638246.205499 Wout=12.160475 Power=7761377.242014

Jsc=1000000.000000 Tout=0.000020 Jout/Jsc=0.606437 Jout=606436.774035 Wout=12.276562 Power=7444958.928015

Jsc=1000000.000000 Tout=0.000021 Jout/Jsc=0.577419 Jout=577418.592421 Wout=12.376721 Power=7146548.735062

Jsc=1000000.000000 Tout=0.000023 Jout/Jsc=0.550891 Jout=550891.475788 Wout=12.464130 Power=6866383.135707

Jsc=1000000.000000 Tout=0.000024 Jout/Jsc=0.526581 Jout=526581.102017 Wout=12.541157 Power=6603936.078374

Te=100.000000 Ts=0.000010 Jsc=1.000000

Jsc=1.000000 Tout=0.000000 Jout/Jsc=0.999990 Jout=0.999990 Wout=0.000000 Power=0.000000

Jsc=1.000000 Tout=0.068420 Jout/Jsc=0.933404 Jout=0.933404 Wout=0.063864 Power=0.059611

Jsc=1.000000 Tout=0.136840 Jout/Jsc=0.872053 Jout=0.872053 Wout=0.119332 Power=0.104064

Jsc=1.000000 Tout=0.205260 Jout/Jsc=0.815983 Jout=0.815983 Wout=0.167489 Power=0.136668

Jsc=1.000000 Tout=0.273680 Jout/Jsc=0.765001 Jout=0.765001 Wout=0.209366 Power=0.160165

Jsc=1.000000 Tout=0.342100 Jout/Jsc=0.718771 Jout=0.718771 Wout=0.245892 Power=0.176740

Jsc=1.000000 Tout=0.410520 Jout/Jsc=0.676889 Jout=0.676889 Wout=0.277877 Power=0.188092

Jsc=1.000000 Tout=0.478940 Jout/Jsc=0.638934 Jout=0.638934 Wout=0.306011 Power=0.195521

Jsc=1.000000 Tout=0.547360 Jout/Jsc=0.604495 Jout=0.604495 Wout=0.330877 Power=0.200013

Jsc=1.000000 Tout=0.615781 Jout/Jsc=0.573190 Jout=0.573190 Wout=0.352959 Power=0.202312

Jsc=1.000000 Tout=0.684201 Jout/Jsc=0.544670 Jout=0.544670 Wout=0.372663 Power=0.202978 <-- Maximum

Jsc=1.000000 Tout=0.752621 Jout/Jsc=0.518624 Jout=0.518624 Wout=0.390327 Power=0.202433

Jsc=1.000000 Tout=0.821041 Jout/Jsc=0.494778 Jout=0.494778 Wout=0.406233 Power=0.200995

Jsc=1.000000 Tout=0.889461 Jout/Jsc=0.472888 Jout=0.472888 Wout=0.420615 Power=0.198904

Jsc=1.000000 Tout=0.957881 Jout/Jsc=0.452742 Jout=0.452742 Wout=0.433673 Power=0.196342
Jsc=1.000000 Tout=1.026301 Jout/Jsc=0.434154 Jout=0.434154 Wout=0.445572 Power=0.193447
Jsc=1.000000 Tout=1.094721 Jout/Jsc=0.416960 Jout=0.416960 Wout=0.456455 Power=0.190324
Jsc=1.000000 Tout=1.163141 Jout/Jsc=0.401019 Jout=0.401019 Wout=0.466441 Power=0.187052
Jsc=1.000000 Tout=1.231561 Jout/Jsc=0.386204 Jout=0.386204 Wout=0.475634 Power=0.183692
Jsc=1.000000 Tout=1.299981 Jout/Jsc=0.372406 Jout=0.372406 Wout=0.484120 Power=0.180289
Jsc=1.000000 Tout=1.368401 Jout/Jsc=0.359527 Jout=0.359527 Wout=0.491977 Power=0.176879

Te=100.000000 Ts=0.000010 Jsc=10.000000

Jsc=10.000000 Tout=0.000000 Jout/Jsc=0.999990 Jout=9.999899 Wout=0.000000 Power=0.000000
Jsc=10.000000 Tout=0.022601 Jout/Jsc=0.975112 Jout=9.751115 Wout=0.220386 Power=2.149012
Jsc=10.000000 Tout=0.045202 Jout/Jsc=0.946186 Jout=9.461855 Wout=0.427697 Power=4.046810
Jsc=10.000000 Tout=0.067803 Jout/Jsc=0.913576 Jout=9.135756 Wout=0.619435 Power=5.659010
Jsc=10.000000 Tout=0.090405 Jout/Jsc=0.878016 Jout=8.780157 Wout=0.793766 Power=6.969390
Jsc=10.000000 Tout=0.113006 Jout/Jsc=0.840505 Jout=8.405045 Wout=0.949818 Power=7.983261
Jsc=10.000000 Tout=0.135607 Jout/Jsc=0.802131 Jout=8.021311 Wout=1.087744 Power=8.725135
Jsc=10.000000 Tout=0.158208 Jout/Jsc=0.763902 Jout=7.639020 Wout=1.208554 Power=9.232165
Jsc=10.000000 Tout=0.180809 Jout/Jsc=0.726628 Jout=7.266276 Wout=1.313808 Power=9.546494
Jsc=10.000000 Tout=0.203410 Jout/Jsc=0.690882 Jout=6.908817 Wout=1.405324 Power=9.709126

Jsc=10.000000 Tout=0.226011 Jout/Jsc=0.657018 Jout=6.570181 Wout=1.484935 Power=9.756292 <-- Maximum

Jsc=10.000000 Tout=0.248612 Jout/Jsc=0.625212 Jout=6.252123 Wout=1.554356 Power=9.718023
Jsc=10.000000 Tout=0.271214 Jout/Jsc=0.595512 Jout=5.955116 Wout=1.615108 Power=9.618158
Jsc=10.000000 Tout=0.293815 Jout/Jsc=0.567877 Jout=5.678772 Wout=1.668507 Power=9.475069
Jsc=10.000000 Tout=0.316416 Jout/Jsc=0.542218 Jout=5.422179 Wout=1.715663 Power=9.302633
Jsc=10.000000 Tout=0.339017 Jout/Jsc=0.518414 Jout=5.184138 Wout=1.757511 Power=9.111177
Jsc=10.000000 Tout=0.361618 Jout/Jsc=0.496332 Jout=4.963321 Wout=1.794827 Power=8.908301
Jsc=10.000000 Tout=0.384219 Jout/Jsc=0.475838 Jout=4.758375 Wout=1.828259 Power=8.699545
Jsc=10.000000 Tout=0.406820 Jout/Jsc=0.456798 Jout=4.567984 Wout=1.858349 Power=8.488908

Jsc=10.000000 Tout=0.429422 Jout/Jsc=0.439090 Jout=4.390899 Wout=1.885547 Power=8.279245

Jsc=10.000000 Tout=0.452023 Jout/Jsc=0.422596 Jout=4.225963 Wout=1.910231 Power=8.072565

Te=100.000000 Ts=0.000010 Jsc=100.000000

Jsc=100.000000 Tout=0.000000 Jout/Jsc=0.999990 Jout=99.998990 Wout=0.000000 Power=0.000000

Jsc=100.000000 Tout=0.004143 Jout/Jsc=0.994843 Jout=99.484303 Wout=0.412151 Power=41.002569

Jsc=100.000000 Tout=0.008286 Jout/Jsc=0.987236 Jout=98.723610 Wout=0.817999 Power=80.755850

Jsc=100.000000 Tout=0.012429 Jout/Jsc=0.976201 Jout=97.620058 Wout=1.213283 Power=118.440796

Jsc=100.000000 Tout=0.016572 Jout/Jsc=0.960660 Jout=96.065989 Wout=1.591958 Power=152.933014

Jsc=100.000000 Tout=0.020714 Jout/Jsc=0.939696 Jout=93.969649 Wout=1.946523 Power=182.914087

Jsc=100.000000 Tout=0.024857 Jout/Jsc=0.912953 Jout=91.295336 Wout=2.269352 Power=207.181214

Jsc=100.000000 Tout=0.029000 Jout/Jsc=0.880949 Jout=88.094858 Wout=2.554763 Power=225.061446

Jsc=100.000000 Tout=0.033143 Jout/Jsc=0.845025 Jout=84.502470 Wout=2.800666 Power=236.663201

Jsc=100.000000 Tout=0.037286 Jout/Jsc=0.806926 Jout=80.692604 Wout=3.008695 Power=242.779446

Jsc=100.000000 Tout=0.041429 Jout/Jsc=0.768307 Jout=76.830653 Wout=3.182999 Power=244.551871 <-- Maximum

Jsc=100.000000 Tout=0.045572 Jout/Jsc=0.730437 Jout=73.043694 Wout=3.328721 Power=243.142056

Jsc=100.000000 Tout=0.049715 Jout/Jsc=0.694145 Jout=69.414532 Wout=3.450910 Power=239.543276

Jsc=100.000000 Tout=0.053857 Jout/Jsc=0.659889 Jout=65.988895 Wout=3.553990 Power=234.523847

Jsc=100.000000 Tout=0.058000 Jout/Jsc=0.627862 Jout=62.786188 Wout=3.641616 Power=228.643162

Jsc=100.000000 Tout=0.062143 Jout/Jsc=0.598090 Jout=59.808997 Wout=3.716719 Power=222.293229

Jsc=100.000000 Tout=0.066286 Jout/Jsc=0.570500 Jout=57.050044 Wout=3.781620 Power=215.741598

Jsc=100.000000 Tout=0.070429 Jout/Jsc=0.544968 Jout=54.496811 Wout=3.838150 Power=209.166942

Jsc=100.000000 Tout=0.074572 Jout/Jsc=0.521344 Jout=52.134419 Wout=3.887756 Power=202.685897

Jsc=100.000000 Tout=0.078715 Jout/Jsc=0.499473 Jout=49.947345 Wout=3.931588 Power=196.372362

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Te=100.000000 Ts=0.000010 Jsc=1000.000000

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Jsc=1000.000000 Tout=0.001218 Jout/Jsc=0.997582 Jout=997.582197 Wout=1.215430 Power=1212.491622
Jsc=1000.000000 Tout=0.001828 Jout/Jsc=0.994761 Jout=994.760684 Wout=1.817989 Power=1808.463925
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Jsc=1000.000000 Tout=0.003046 Jout/Jsc=0.980931 Jout=980.931284 Wout=2.987858 Power=2930.883431
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Jsc=1000.000000 Tout=0.004874 Jout/Jsc=0.914114 Jout=914.114202 Wout=4.454940 Power=4072.323494
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Jsc=1000.000000 Tout=0.009138 Jout/Jsc=0.642859 Jout=642.859311 Wout=5.874333 Power=3776.369721
Jsc=1000.000000 Tout=0.009747 Jout/Jsc=0.611362 Jout=611.362053 Wout=5.958951 Power=3643.076665
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Te=100.000000 Ts=0.000010 Jsc=10000.000000

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Jsc=10000.000000 Tout=0.000242 Jout/Jsc=0.998857 Jout=9988.571485 Wout=2.418080 Power=24153.161969
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Jsc=10000.000000 Tout=0.000565 Jout/Jsc=0.973198 Jout=9731.982633 Wout=5.497248 Power=53499.123317
Jsc=10000.000000 Tout=0.000646 Jout/Jsc=0.949571 Jout=9495.714122 Wout=6.130044 Power=58209.145553
Jsc=10000.000000 Tout=0.000726 Jout/Jsc=0.915502 Jout=9155.018310 Wout=6.648868 Power=60870.506949

Jsc=10000.000000 Tout=0.000807 Jout/Jsc=0.873967 Jout=8739.671589 Wout=7.052467 Power=61636.249105 <-- Maximum

Jsc=10000.000000 Tout=0.000888 Jout/Jsc=0.829224 Jout=8292.241981 Wout=7.360556 Power=61035.512292
Jsc=10000.000000 Tout=0.000968 Jout/Jsc=0.784563 Jout=7845.629864 Wout=7.597226 Power=59605.021883
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Jsc=10000.000000 Tout=0.001130 Jout/Jsc=0.701939 Jout=7019.386199 Wout=7.929999 Power=55663.727525
Jsc=10000.000000 Tout=0.001210 Jout/Jsc=0.665077 Jout=6650.774044 Wout=8.050251 Power=53540.401090
Jsc=10000.000000 Tout=0.001291 Jout/Jsc=0.631227 Jout=6312.274271 Wout=8.149891 Power=51444.349404
Jsc=10000.000000 Tout=0.001372 Jout/Jsc=0.600208 Jout=6002.084309 Wout=8.233737 Power=49419.583308
Jsc=10000.000000 Tout=0.001453 Jout/Jsc=0.571786 Jout=5717.864223 Wout=8.305243 Power=47488.249023
Jsc=10000.000000 Tout=0.001533 Jout/Jsc=0.545716 Jout=5457.162926 Wout=8.366937 Power=45659.738082
Jsc=10000.000000 Tout=0.001614 Jout/Jsc=0.521762 Jout=5217.622445 Wout=8.420708 Power=43936.076312

Te=100.000000 Ts=0.000010 Jsc=100000.000000

Jsc=100000.000000 Tout=0.000000 Jout/Jsc=0.999983 Jout=99998.271765 Wout=0.000000 Power=0.000000
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Jsc=100000.000000 Tout=0.000019 Jout/Jsc=0.999822 Jout=99982.193648 Wout=1.932812 Power=193246.796406
Jsc=100000.000000 Tout=0.000029 Jout/Jsc=0.999517 Jout=99951.664694 Wout=2.898333 Power=289693.201437
Jsc=100000.000000 Tout=0.000039 Jout/Jsc=0.998719 Jout=99871.916903 Wout=3.861361 Power=385641.486070
Jsc=100000.000000 Tout=0.000048 Jout/Jsc=0.996662 Jout=99666.179969 Wout=4.816758 Power=480067.842009
Jsc=100000.000000 Tout=0.000058 Jout/Jsc=0.991537 Jout=99153.740134 Wout=5.750390 Power=570172.723023
Jsc=100000.000000 Tout=0.000068 Jout/Jsc=0.979837 Jout=97983.729856 Wout=6.629625 Power=649595.428328
Jsc=100000.000000 Tout=0.000077 Jout/Jsc=0.957295 Jout=95729.506600 Wout=7.402404 Power=708628.496965
Jsc=100000.000000 Tout=0.000087 Jout/Jsc=0.922856 Jout=92285.572579 Wout=8.028110 Power=740878.713064

Jsc=100000.000000 Tout=0.000097 Jout/Jsc=0.880360 Jout=88036.029029 Wout=8.509370 Power=749131.182738 <-- Maximum

Jsc=100000.000000 Tout=0.000106 Jout/Jsc=0.834895 Jout=83489.541587 Wout=8.876909 Power=741129.027251
Jsc=100000.000000 Tout=0.000116 Jout/Jsc=0.789952 Jout=78995.158361 Wout=9.162600 Power=723801.000845
Jsc=100000.000000 Tout=0.000126 Jout/Jsc=0.747294 Jout=74729.420398 Wout=9.390137 Power=701719.532236
Jsc=100000.000000 Tout=0.000135 Jout/Jsc=0.707623 Jout=70762.303650 Wout=9.575622 Power=677593.055675
Jsc=100000.000000 Tout=0.000145 Jout/Jsc=0.671089 Jout=67108.877889 Wout=9.729897 Power=652962.437268
Jsc=100000.000000 Tout=0.000155 Jout/Jsc=0.637584 Jout=63758.437081 Wout=9.860402 Power=628683.833963
Jsc=100000.000000 Tout=0.000164 Jout/Jsc=0.606894 Jout=60689.399020 Wout=9.972378 Power=605217.643601
Jsc=100000.000000 Tout=0.000174 Jout/Jsc=0.578766 Jout=57876.635496 Wout=10.069613 Power=582795.303755
Jsc=100000.000000 Tout=0.000184 Jout/Jsc=0.552950 Jout=55294.962775 Wout=10.154912 Power=561515.470488
Jsc=100000.000000 Tout=0.000193 Jout/Jsc=0.529207 Jout=52920.708516 Wout=10.230400 Power=541400.036624

Te=100.000000 Ts=0.000010 Jsc=1000000.000000

Jsc=1000000.000000 Tout=0.000000 Jout/Jsc=0.981664 Jout=981664.477288 Wout=0.000000 Power=0.000000
Jsc=1000000.000000 Tout=0.000001 Jout/Jsc=0.953671 Jout=953671.027969 Wout=1.206832 Power=1150920.500514
Jsc=1000000.000000 Tout=0.000003 Jout/Jsc=0.910188 Jout=910187.669699 Wout=2.303611 Power=2096718.073764
Jsc=1000000.000000 Tout=0.000004 Jout/Jsc=0.859260 Jout=859260.016358 Wout=3.262075 Power=2802971.029171

Jsc=1000000.000000 Tout=0.000005 Jout/Jsc=0.807768 Jout=807767.656322 Wout=4.088788 Power=3302790.739234
Jsc=1000000.000000 Tout=0.000006 Jout/Jsc=0.759007 Jout=759006.748330 Wout=4.802460 Power=3645099.823858
Jsc=1000000.000000 Tout=0.000008 Jout/Jsc=0.714120 Jout=714119.627154 Wout=5.422136 Power=3872053.390563
Jsc=1000000.000000 Tout=0.000009 Jout/Jsc=0.673280 Jout=673280.132070 Wout=5.964060 Power=4015482.943650
Jsc=1000000.000000 Tout=0.000010 Jout/Jsc=0.636273 Jout=636273.484852 Wout=6.441425 Power=4098507.983691
Jsc=1000000.000000 Tout=0.000011 Jout/Jsc=0.602751 Jout=602750.982244 Wout=6.864811 Power=4137771.562390

Jsc=1000000.000000 Tout=0.000013 Jout/Jsc=0.572338 Jout=572338.264153 Wout=7.242707 Power=4145278.477409 <-- Maximum

Jsc=1000000.000000 Tout=0.000014 Jout/Jsc=0.544679 Jout=544679.393863 Wout=7.581965 Power=4129740.127805
Jsc=1000000.000000 Tout=0.000015 Jout/Jsc=0.519453 Jout=519452.750327 Wout=7.888155 Power=4097523.883719
Jsc=1000000.000000 Tout=0.000016 Jout/Jsc=0.496375 Jout=496374.610086 Wout=8.165844 Power=4053317.443273
Jsc=1000000.000000 Tout=0.000018 Jout/Jsc=0.475198 Jout=475197.542541 Wout=8.418803 Power=4000594.700292
Jsc=1000000.000000 Tout=0.000019 Jout/Jsc=0.455707 Jout=455706.848911 Wout=8.650176 Power=3941944.614664
Jsc=1000000.000000 Tout=0.000020 Jout/Jsc=0.437717 Jout=437716.501324 Wout=8.862598 Power=3879305.379347
Jsc=1000000.000000 Tout=0.000022 Jout/Jsc=0.421065 Jout=421065.215373 Wout=9.058294 Power=3814132.707754
Jsc=1000000.000000 Tout=0.000023 Jout/Jsc=0.405613 Jout=405612.904682 Wout=9.239158 Power=3747521.905300
Jsc=1000000.000000 Tout=0.000024 Jout/Jsc=0.391238 Jout=391237.587694 Wout=9.406809 Power=3680297.218000
Jsc=1000000.000000 Tout=0.000025 Jout/Jsc=0.377833 Jout=377832.737218 Wout=9.562638 Power=3613077.791625

Te=100.000000 Ts=0.000100 Jsc=1.000000

Jsc=1.000000 Tout=0.000000 Jout/Jsc=0.999899 Jout=0.999899 Wout=0.000000 Power=0.000000
Jsc=1.000000 Tout=0.068427 Jout/Jsc=0.933314 Jout=0.933314 Wout=0.063863 Power=0.059605
Jsc=1.000000 Tout=0.136853 Jout/Jsc=0.871965 Jout=0.871965 Wout=0.119331 Power=0.104053
Jsc=1.000000 Tout=0.205280 Jout/Jsc=0.815898 Jout=0.815898 Wout=0.167487 Power=0.136652
Jsc=1.000000 Tout=0.273706 Jout/Jsc=0.764919 Jout=0.764919 Wout=0.209363 Power=0.160146
Jsc=1.000000 Tout=0.342133 Jout/Jsc=0.718692 Jout=0.718692 Wout=0.245888 Power=0.176718
Jsc=1.000000 Tout=0.410559 Jout/Jsc=0.676814 Jout=0.676814 Wout=0.277872 Power=0.188068
Jsc=1.000000 Tout=0.478986 Jout/Jsc=0.638862 Jout=0.638862 Wout=0.306006 Power=0.195496
Jsc=1.000000 Tout=0.547413 Jout/Jsc=0.604427 Jout=0.604427 Wout=0.330871 Power=0.199987

Jsc=1.000000 Tout=0.615839 Jout/Jsc=0.573125 Jout=0.573125 Wout=0.352953 Power=0.202286

Jsc=1.000000 Tout=0.684266 Jout/Jsc=0.544608 Jout=0.544608 Wout=0.372657 Power=0.202952 <-- Maximum

Jsc=1.000000 Tout=0.752692 Jout/Jsc=0.518566 Jout=0.518566 Wout=0.390320 Power=0.202407

Jsc=1.000000 Tout=0.821119 Jout/Jsc=0.494722 Jout=0.494722 Wout=0.406226 Power=0.200969

Jsc=1.000000 Tout=0.889546 Jout/Jsc=0.472835 Jout=0.472835 Wout=0.420608 Power=0.198878

Jsc=1.000000 Tout=0.957972 Jout/Jsc=0.452691 Jout=0.452691 Wout=0.433665 Power=0.196316

Jsc=1.000000 Tout=1.026399 Jout/Jsc=0.434105 Jout=0.434105 Wout=0.445565 Power=0.193422

Jsc=1.000000 Tout=1.094825 Jout/Jsc=0.416913 Jout=0.416913 Wout=0.456447 Power=0.190299

Jsc=1.000000 Tout=1.163252 Jout/Jsc=0.400974 Jout=0.400974 Wout=0.466433 Power=0.187027

Jsc=1.000000 Tout=1.231678 Jout/Jsc=0.386161 Jout=0.386161 Wout=0.475626 Power=0.183668

Jsc=1.000000 Tout=1.300105 Jout/Jsc=0.372364 Jout=0.372364 Wout=0.484112 Power=0.180266

Jsc=1.000000 Tout=1.368532 Jout/Jsc=0.359487 Jout=0.359487 Wout=0.491969 Power=0.176857

Te=100.000000 Ts=0.000100 Jsc=10.000000

Jsc=10.000000 Tout=0.000000 Jout/Jsc=0.999899 Jout=9.998990 Wout=0.000000 Power=0.000000

Jsc=10.000000 Tout=0.022602 Jout/Jsc=0.975003 Jout=9.750032 Wout=0.220371 Power=2.148621

Jsc=10.000000 Tout=0.045204 Jout/Jsc=0.946060 Jout=9.460601 Wout=0.427658 Power=4.045901

Jsc=10.000000 Tout=0.067806 Jout/Jsc=0.913435 Jout=9.134351 Wout=0.619365 Power=5.657499

Jsc=10.000000 Tout=0.090408 Jout/Jsc=0.877864 Jout=8.778636 Wout=0.793661 Power=6.967257

Jsc=10.000000 Tout=0.113010 Jout/Jsc=0.840345 Jout=8.403450 Wout=0.949676 Power=7.980554

Jsc=10.000000 Tout=0.135612 Jout/Jsc=0.801969 Jout=8.019686 Wout=1.087568 Power=8.721954

Jsc=10.000000 Tout=0.158214 Jout/Jsc=0.763741 Jout=7.637405 Wout=1.208347 Power=9.228635

Jsc=10.000000 Tout=0.180816 Jout/Jsc=0.726470 Jout=7.264700 Wout=1.313577 Power=9.542742

Jsc=10.000000 Tout=0.203418 Jout/Jsc=0.690730 Jout=6.907303 Wout=1.405073 Power=9.705263

Jsc=10.000000 Tout=0.226020 Jout/Jsc=0.656874 Jout=6.568740 Wout=1.484670 Power=9.752408 <-- Maximum

Jsc=10.000000 Tout=0.248623 Jout/Jsc=0.625076 Jout=6.250762 Wout=1.554080 Power=9.714185

Jsc=10.000000 Tout=0.271225 Jout/Jsc=0.595384 Jout=5.953836 Wout=1.614827 Power=9.614412
Jsc=10.000000 Tout=0.293827 Jout/Jsc=0.567757 Jout=5.677571 Wout=1.668222 Power=9.471447
Jsc=10.000000 Tout=0.316429 Jout/Jsc=0.542105 Jout=5.421055 Wout=1.715377 Power=9.299154
Jsc=10.000000 Tout=0.339031 Jout/Jsc=0.518309 Jout=5.183086 Wout=1.757225 Power=9.107849
Jsc=10.000000 Tout=0.361633 Jout/Jsc=0.496234 Jout=4.962336 Wout=1.794543 Power=8.905128
Jsc=10.000000 Tout=0.384235 Jout/Jsc=0.475745 Jout=4.757453 Wout=1.827979 Power=8.696526
Jsc=10.000000 Tout=0.406837 Jout/Jsc=0.456712 Jout=4.567119 Wout=1.858072 Power=8.486039
Jsc=10.000000 Tout=0.429439 Jout/Jsc=0.439009 Jout=4.390088 Wout=1.885274 Power=8.276520
Jsc=10.000000 Tout=0.452041 Jout/Jsc=0.422520 Jout=4.225200 Wout=1.909963 Power=8.069978

Te=100.000000 Ts=0.000100 Jsc=100.000000

Jsc=100.000000 Tout=0.000000 Jout/Jsc=0.999899 Jout=99.989851 Wout=0.000000 Power=0.000000
Jsc=100.000000 Tout=0.004141 Jout/Jsc=0.994710 Jout=99.471019 Wout=0.411892 Power=40.971269
Jsc=100.000000 Tout=0.008282 Jout/Jsc=0.987046 Jout=98.704578 Wout=0.817436 Power=80.684640
Jsc=100.000000 Tout=0.012422 Jout/Jsc=0.975934 Jout=97.593438 Wout=1.212350 Power=118.317441
Jsc=100.000000 Tout=0.016563 Jout/Jsc=0.960301 Jout=96.030094 Wout=1.590573 Power=152.742881
Jsc=100.000000 Tout=0.020704 Jout/Jsc=0.939236 Jout=93.923628 Wout=1.944604 Power=182.644250
Jsc=100.000000 Tout=0.024845 Jout/Jsc=0.912399 Jout=91.239872 Wout=2.266847 Power=206.826824
Jsc=100.000000 Tout=0.028986 Jout/Jsc=0.880323 Jout=88.032310 Wout=2.551681 Power=224.630391
Jsc=100.000000 Tout=0.033127 Jout/Jsc=0.844362 Jout=84.436204 Wout=2.797081 Power=236.174862
Jsc=100.000000 Tout=0.037267 Jout/Jsc=0.806260 Jout=80.625975 Wout=3.004718 Power=242.258349

Jsc=100.000000 Tout=0.041408 Jout/Jsc=0.767663 Jout=76.766277 Wout=3.178753 Power=244.021019 <-- Maximum

Jsc=100.000000 Tout=0.045549 Jout/Jsc=0.729832 Jout=72.983242 Wout=3.324315 Power=242.619261
Jsc=100.000000 Tout=0.049690 Jout/Jsc=0.693589 Jout=69.358862 Wout=3.446430 Power=239.040478
Jsc=100.000000 Tout=0.053831 Jout/Jsc=0.659383 Jout=65.938290 Wout=3.549501 Power=234.048030
Jsc=100.000000 Tout=0.057971 Jout/Jsc=0.627406 Jout=62.740572 Wout=3.637163 Power=228.197699
Jsc=100.000000 Tout=0.062112 Jout/Jsc=0.597681 Jout=59.768096 Wout=3.712333 Power=221.879093
Jsc=100.000000 Tout=0.066253 Jout/Jsc=0.570135 Jout=57.013493 Wout=3.777321 Power=215.358274

Jsc=100.000000 Tout=0.070394 Jout/Jsc=0.544642 Jout=54.464212 Wout=3.833950 Power=208.813057
Jsc=100.000000 Tout=0.074535 Jout/Jsc=0.521054 Jout=52.105378 Wout=3.883661 Power=202.359634
Jsc=100.000000 Tout=0.078676 Jout/Jsc=0.499215 Jout=49.921490 Wout=3.927602 Power=196.071718
Jsc=100.000000 Tout=0.082816 Jout/Jsc=0.478974 Jout=47.897384 Wout=3.966688 Power=189.993993

Te=100.000000 Ts=0.000100 Jsc=1000.000000

Jsc=1000.000000 Tout=0.000000 Jout/Jsc=0.999894 Jout=999.893841 Wout=0.000000 Power=0.000000
Jsc=1000.000000 Tout=0.000605 Jout/Jsc=0.998970 Jout=998.970016 Wout=0.604654 Power=604.031497
Jsc=1000.000000 Tout=0.001211 Jout/Jsc=0.997292 Jout=997.291835 Wout=1.207277 Power=1204.007527
Jsc=1000.000000 Tout=0.001816 Jout/Jsc=0.994263 Jout=994.262611 Wout=1.805415 Power=1795.056614
Jsc=1000.000000 Tout=0.002421 Jout/Jsc=0.988877 Jout=988.876734 Wout=2.394180 Power=2367.549071
Jsc=1000.000000 Tout=0.003026 Jout/Jsc=0.979587 Jout=979.586948 Wout=2.964611 Power=2904.093958
Jsc=1000.000000 Tout=0.003632 Jout/Jsc=0.964408 Jout=964.407899 Wout=3.502408 Power=3377.749572
Jsc=1000.000000 Tout=0.004237 Jout/Jsc=0.941597 Jout=941.597171 Wout=3.989494 Power=3756.496683
Jsc=1000.000000 Tout=0.004842 Jout/Jsc=0.910810 Jout=910.809652 Wout=4.410342 Power=4016.982267
Jsc=1000.000000 Tout=0.005447 Jout/Jsc=0.873649 Jout=873.648935 Wout=4.759202 Power=4157.871785

Jsc=1000.000000 Tout=0.006053 Jout/Jsc=0.832867 Jout=832.867455 Wout=5.041161 Power=4198.618973 <-- Maximum

Jsc=1000.000000 Tout=0.006658 Jout/Jsc=0.791107 Jout=791.106885 Wout=5.267233 Power=4166.944281
Jsc=1000.000000 Tout=0.007263 Jout/Jsc=0.750241 Jout=750.240829 Wout=5.449249 Power=4088.248780
Jsc=1000.000000 Tout=0.007869 Jout/Jsc=0.711351 Jout=711.350587 Wout=5.597340 Power=3981.671445
Jsc=1000.000000 Tout=0.008474 Jout/Jsc=0.674944 Jout=674.943781 Wout=5.719398 Power=3860.272070
Jsc=1000.000000 Tout=0.009079 Jout/Jsc=0.641175 Jout=641.175226 Wout=5.821336 Power=3732.496474
Jsc=1000.000000 Tout=0.009684 Jout/Jsc=0.610004 Jout=610.003603 Wout=5.907545 Power=3603.623932
Jsc=1000.000000 Tout=0.010290 Jout/Jsc=0.581288 Jout=581.288368 Wout=5.981295 Power=3476.857290
Jsc=1000.000000 Tout=0.010895 Jout/Jsc=0.554846 Jout=554.845725 Wout=6.045043 Power=3354.066535
Jsc=1000.000000 Tout=0.011500 Jout/Jsc=0.530479 Jout=530.479491 Wout=6.100661 Power=3236.275441
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Te=100.000000 Ts=0.000100 Jsc=10000.000000

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Jsc=10000.000000 Tout=0.000305 Jout/Jsc=0.994478 Jout=9944.776338 Wout=3.034143 Power=30173.876310

Jsc=10000.000000 Tout=0.000381 Jout/Jsc=0.988443 Jout=9884.427365 Wout=3.769664 Power=37260.965772

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Jsc=10000.000000 Tout=0.000610 Jout/Jsc=0.927518 Jout=9275.176810 Wout=5.659698 Power=52494.699689

Jsc=10000.000000 Tout=0.000686 Jout/Jsc=0.890254 Jout=8902.535086 Wout=6.111352 Power=54406.522941

Jsc=10000.000000 Tout=0.000763 Jout/Jsc=0.848721 Jout=8487.209963 Wout=6.473602 Power=54942.822575 <-- Maximum

Jsc=10000.000000 Tout=0.000839 Jout/Jsc=0.806165 Jout=8061.647254 Wout=6.763906 Power=54528.222621

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Jsc=10000.000000 Tout=0.001068 Jout/Jsc=0.688745 Jout=6887.452591 Wout=7.354747 Power=50655.470647

Jsc=10000.000000 Tout=0.001144 Jout/Jsc=0.654830 Jout=6548.302727 Wout=7.492057 Power=49060.258291

Jsc=10000.000000 Tout=0.001220 Jout/Jsc=0.623568 Jout=6235.676471 Wout=7.610000 Power=47453.495160

Jsc=10000.000000 Tout=0.001297 Jout/Jsc=0.594787 Jout=5947.871920 Wout=7.712437 Power=45872.584727

Jsc=10000.000000 Tout=0.001373 Jout/Jsc=0.568287 Jout=5682.867351 Wout=7.802272 Power=44339.278008

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Jsc=10000.000000 Tout=0.001525 Jout/Jsc=0.521308 Jout=5213.076202 Wout=7.952527 Power=41457.128378

Te=100.000000 Ts=0.000100 Jsc=100000.000000

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Jsc=100000.000000 Tout=0.000012 Jout/Jsc=0.855226 Jout=85522.592326 Wout=1.028148 Power=87929.868831

Jsc=100000.000000 Tout=0.000024 Jout/Jsc=0.798851 Jout=79885.114110 Wout=1.920749 Power=153439.236077

Jsc=100000.000000 Tout=0.000036 Jout/Jsc=0.745546 Jout=74554.553363 Wout=2.688872 Power=200467.656081

Jsc=100000.000000 Tout=0.000048 Jout/Jsc=0.696846 Jout=69684.617510 Wout=3.350978 Power=233511.645767

Jsc=100000.000000 Tout=0.000060 Jout/Jsc=0.652966 Jout=65296.590997 Wout=3.924960 Power=256286.501680

Jsc=100000.000000 Tout=0.000072 Jout/Jsc=0.613603 Jout=61360.340454 Wout=4.426024 Power=271582.313626

Jsc=100000.000000 Tout=0.000084 Jout/Jsc=0.578294 Jout=57829.433552 Wout=4.866556 Power=281430.154367

Jsc=100000.000000 Tout=0.000096 Jout/Jsc=0.546555 Jout=54655.458006 Wout=5.256519 Power=287297.452553

Jsc=100000.000000 Tout=0.000108 Jout/Jsc=0.517935 Jout=51793.458481 Wout=5.603923 Power=290246.535927

Jsc=100000.000000 Tout=0.000120 Jout/Jsc=0.492036 Jout=49203.637192 Wout=5.915234 Power=291051.021082 <-- Maximum

Jsc=100000.000000 Tout=0.000132 Jout/Jsc=0.468515 Jout=46851.518170 Wout=6.195710 Power=290278.408880

Jsc=100000.000000 Tout=0.000144 Jout/Jsc=0.447075 Jout=44707.521943 Wout=6.449656 Power=288348.140443

Jsc=100000.000000 Tout=0.000156 Jout/Jsc=0.427464 Jout=42746.357718 Wout=6.680626 Power=285572.442489

Jsc=100000.000000 Tout=0.000168 Jout/Jsc=0.409464 Jout=40946.403806 Wout=6.891575 Power=282185.229732

Jsc=100000.000000 Tout=0.000180 Jout/Jsc=0.392891 Jout=39289.142456 Wout=7.084978 Power=278362.719564

Jsc=100000.000000 Tout=0.000192 Jout/Jsc=0.377587 Jout=37758.669244 Wout=7.262922 Power=274238.266075

Jsc=100000.000000 Tout=0.000204 Jout/Jsc=0.363413 Jout=36341.277517 Wout=7.427178 Power=269913.131496

Jsc=100000.000000 Tout=0.000216 Jout/Jsc=0.350251 Jout=35025.110758 Wout=7.579259 Power=265464.377673

Jsc=100000.000000 Tout=0.000228 Jout/Jsc=0.337999 Jout=33799.873454 Wout=7.720464 Power=260950.697312

Jsc=100000.000000 Tout=0.000240 Jout/Jsc=0.326566 Jout=32656.591112 Wout=7.851914 Power=256416.758026

Te=100.000000 Ts=0.000100 Jsc=1000000.000000

Jsc=1000000.000000 Tout=0.000000 Jout/Jsc=0.136685 Jout=136685.354981 Wout=0.000000 Power=0.000000
Jsc=1000000.000000 Tout=0.000010 Jout/Jsc=0.124177 Jout=124176.795663 Wout=1.265241 Power=157113.566577
Jsc=1000000.000000 Tout=0.000020 Jout/Jsc=0.113764 Jout=113764.413055 Wout=2.318298 Power=263739.784188
Jsc=1000000.000000 Tout=0.000031 Jout/Jsc=0.104962 Jout=104962.302966 Wout=3.208392 Power=336760.190414
Jsc=1000000.000000 Tout=0.000041 Jout/Jsc=0.097424 Jout=97423.896837 Wout=3.970620 Power=386833.230661
Jsc=1000000.000000 Tout=0.000051 Jout/Jsc=0.090895 Jout=90895.381224 Wout=4.630678 Power=420907.268075
Jsc=1000000.000000 Tout=0.000061 Jout/Jsc=0.085187 Jout=85186.624703 Wout=5.207814 Power=443636.082669
Jsc=1000000.000000 Tout=0.000071 Jout/Jsc=0.080152 Jout=80152.390935 Wout=5.716725 Power=458209.188076
Jsc=1000000.000000 Tout=0.000082 Jout/Jsc=0.075680 Jout=75679.829938 Wout=6.168832 Power=466856.136581
Jsc=1000000.000000 Tout=0.000092 Jout/Jsc=0.071680 Jout=71679.929710 Wout=6.573140 Power=471162.199829

Jsc=1000000.000000 Tout=0.000102 Jout/Jsc=0.068082 Jout=68081.539054 Wout=6.936848 Power=472271.262272 <-- Maximum

Jsc=1000000.000000 Tout=0.000112 Jout/Jsc=0.064827 Jout=64827.102604 Wout=7.265777 Power=471019.295068
Jsc=1000000.000000 Tout=0.000122 Jout/Jsc=0.061870 Jout=61869.562039 Wout=7.564689 Power=468023.994985
Jsc=1000000.000000 Tout=0.000132 Jout/Jsc=0.059170 Jout=59170.067732 Wout=7.837512 Power=463746.104937
Jsc=1000000.000000 Tout=0.000143 Jout/Jsc=0.056696 Jout=56696.263938 Wout=8.087518 Power=458532.062260
Jsc=1000000.000000 Tout=0.000153 Jout/Jsc=0.054421 Jout=54420.986547 Wout=8.317455 Power=452644.106053
Jsc=1000000.000000 Tout=0.000163 Jout/Jsc=0.052321 Jout=52321.262091 Wout=8.529646 Power=446281.819873
Jsc=1000000.000000 Tout=0.000173 Jout/Jsc=0.050378 Jout=50377.529723 Wout=8.726068 Power=439597.735963
Jsc=1000000.000000 Tout=0.000183 Jout/Jsc=0.048573 Jout=48573.030311 Wout=8.908416 Power=432708.764528
Jsc=1000000.000000 Tout=0.000194 Jout/Jsc=0.046893 Jout=46893.322207 Wout=9.078151 Power=425704.650477
Jsc=1000000.000000 Tout=0.000204 Jout/Jsc=0.045326 Jout=45325.894089 Wout=9.236537 Power=418654.288983

Te=100.000000 Ts=0.001000 Jsc=1.000000

Jsc=1.000000 Tout=0.000000 Jout/Jsc=0.998991 Jout=0.998991 Wout=0.000000 Power=0.000000
Jsc=1.000000 Tout=0.068488 Jout/Jsc=0.932416 Jout=0.932416 Wout=0.063859 Power=0.059543

Jsc=1.000000 Tout=0.136976 Jout/Jsc=0.871088 Jout=0.871088 Wout=0.119318 Power=0.103936
Jsc=1.000000 Tout=0.205463 Jout/Jsc=0.815051 Jout=0.815051 Wout=0.167463 Power=0.136491
Jsc=1.000000 Tout=0.273951 Jout/Jsc=0.764107 Jout=0.764107 Wout=0.209328 Power=0.159949
Jsc=1.000000 Tout=0.342439 Jout/Jsc=0.717917 Jout=0.717917 Wout=0.245843 Power=0.176495
Jsc=1.000000 Tout=0.410927 Jout/Jsc=0.676076 Jout=0.676076 Wout=0.277818 Power=0.187826
Jsc=1.000000 Tout=0.479415 Jout/Jsc=0.638161 Jout=0.638161 Wout=0.305944 Power=0.195242
Jsc=1.000000 Tout=0.547902 Jout/Jsc=0.603761 Jout=0.603761 Wout=0.330802 Power=0.199725
Jsc=1.000000 Tout=0.616390 Jout/Jsc=0.572492 Jout=0.572492 Wout=0.352879 Power=0.202020

Jsc=1.000000 Tout=0.684878 Jout/Jsc=0.544007 Jout=0.544007 Wout=0.372578 Power=0.202685 <-- Maximum

Jsc=1.000000 Tout=0.753366 Jout/Jsc=0.517994 Jout=0.517994 Wout=0.390239 Power=0.202141
Jsc=1.000000 Tout=0.821854 Jout/Jsc=0.494177 Jout=0.494177 Wout=0.406141 Power=0.200706
Jsc=1.000000 Tout=0.890341 Jout/Jsc=0.472315 Jout=0.472315 Wout=0.420522 Power=0.198619
Jsc=1.000000 Tout=0.958829 Jout/Jsc=0.452195 Jout=0.452195 Wout=0.433578 Power=0.196062
Jsc=1.000000 Tout=1.027317 Jout/Jsc=0.433631 Jout=0.433631 Wout=0.445476 Power=0.193172
Jsc=1.000000 Tout=1.095805 Jout/Jsc=0.416459 Jout=0.416459 Wout=0.456358 Power=0.190055
Jsc=1.000000 Tout=1.164293 Jout/Jsc=0.400539 Jout=0.400539 Wout=0.466344 Power=0.186789
Jsc=1.000000 Tout=1.232780 Jout/Jsc=0.385743 Jout=0.385743 Wout=0.475536 Power=0.183435
Jsc=1.000000 Tout=1.301268 Jout/Jsc=0.371963 Jout=0.371963 Wout=0.484023 Power=0.180039
Jsc=1.000000 Tout=1.369756 Jout/Jsc=0.359101 Jout=0.359101 Wout=0.491881 Power=0.176635

Te=100.000000 Ts=0.001000 Jsc=10.000000

Jsc=10.000000 Tout=0.000000 Jout/Jsc=0.998986 Jout=9.989860 Wout=0.000000 Power=0.000000
Jsc=10.000000 Tout=0.022616 Jout/Jsc=0.973910 Jout=9.739102 Wout=0.220259 Power=2.145125
Jsc=10.000000 Tout=0.045232 Jout/Jsc=0.944789 Jout=9.447895 Wout=0.427346 Power=4.037521
Jsc=10.000000 Tout=0.067848 Jout/Jsc=0.912006 Jout=9.120057 Wout=0.618776 Power=5.643272
Jsc=10.000000 Tout=0.090464 Jout/Jsc=0.876309 Jout=8.763091 Wout=0.792742 Power=6.946873
Jsc=10.000000 Tout=0.113080 Jout/Jsc=0.838709 Jout=8.387088 Wout=0.948410 Power=7.954395
Jsc=10.000000 Tout=0.135696 Jout/Jsc=0.800296 Jout=8.002957 Wout=1.085966 Power=8.690942

Jsc=10.000000 Tout=0.158312 Jout/Jsc=0.762071 Jout=7.620708 Wout=1.206446 Power=9.193976
Jsc=10.000000 Tout=0.180928 Jout/Jsc=0.724835 Jout=7.248350 Wout=1.311426 Power=9.505676
Jsc=10.000000 Tout=0.203543 Jout/Jsc=0.689152 Jout=6.891522 Wout=1.402724 Power=9.666905

Jsc=10.000000 Tout=0.226159 Jout/Jsc=0.655366 Jout=6.553664 Wout=1.482173 Power=9.713663 <-- Maximum

Jsc=10.000000 Tout=0.248775 Jout/Jsc=0.623646 Jout=6.236463 Wout=1.551478 Power=9.675739
Jsc=10.000000 Tout=0.271391 Jout/Jsc=0.594034 Jout=5.940338 Wout=1.612156 Power=9.576753
Jsc=10.000000 Tout=0.294007 Jout/Jsc=0.566487 Jout=5.664866 Wout=1.665512 Power=9.434901
Jsc=10.000000 Tout=0.316623 Jout/Jsc=0.540911 Jout=5.409114 Wout=1.712651 Power=9.263924
Jsc=10.000000 Tout=0.339239 Jout/Jsc=0.517187 Jout=5.171870 Wout=1.754501 Power=9.074048
Jsc=10.000000 Tout=0.361855 Jout/Jsc=0.495180 Jout=4.951799 Wout=1.791834 Power=8.872802
Jsc=10.000000 Tout=0.384471 Jout/Jsc=0.474755 Jout=4.747549 Wout=1.825295 Power=8.665676
Jsc=10.000000 Tout=0.407087 Jout/Jsc=0.455780 Jout=4.557800 Wout=1.855421 Power=8.456637
Jsc=10.000000 Tout=0.429703 Jout/Jsc=0.438131 Jout=4.381309 Wout=1.882661 Power=8.248520
Jsc=10.000000 Tout=0.452319 Jout/Jsc=0.421692 Jout=4.216920 Wout=1.907392 Power=8.043320

Te=100.000000 Ts=0.001000 Jsc=100.000000

Jsc=100.000000 Tout=0.000000 Jout/Jsc=0.998939 Jout=99.893947 Wout=0.000000 Power=0.000000
Jsc=100.000000 Tout=0.004122 Jout/Jsc=0.993317 Jout=99.331704 Wout=0.409417 Power=40.668085
Jsc=100.000000 Tout=0.008243 Jout/Jsc=0.985053 Jout=98.505264 Wout=0.812021 Power=79.988366
Jsc=100.000000 Tout=0.012365 Jout/Jsc=0.973154 Jout=97.315370 Wout=1.203319 Power=117.101398
Jsc=100.000000 Tout=0.016487 Jout/Jsc=0.956566 Jout=95.656567 Wout=1.577076 Power=150.857714
Jsc=100.000000 Tout=0.020609 Jout/Jsc=0.934471 Jout=93.447073 Wout=1.925811 Power=179.961400
Jsc=100.000000 Tout=0.024730 Jout/Jsc=0.906686 Jout=90.668582 Wout=2.242260 Power=203.302562
Jsc=100.000000 Tout=0.028852 Jout/Jsc=0.873912 Jout=87.391155 Wout=2.521410 Power=220.348930
Jsc=100.000000 Tout=0.032974 Jout/Jsc=0.837594 Jout=83.759365 Wout=2.761858 Power=231.331458
Jsc=100.000000 Tout=0.037095 Jout/Jsc=0.799468 Jout=79.946763 Wout=2.965660 Power=237.094909

Jsc=100.000000 Tout=0.041217 Jout/Jsc=0.761103 Jout=76.110329 Wout=3.137051 Power=238.761966 <-- Maximum

Jsc=100.000000 Tout=0.045339 Jout/Jsc=0.723668 Jout=72.366797 Wout=3.281028 Power=237.437512
Jsc=100.000000 Tout=0.049461 Jout/Jsc=0.687902 Jout=68.790190 Wout=3.402403 Power=234.051922
Jsc=100.000000 Tout=0.053582 Jout/Jsc=0.654201 Jout=65.420071 Wout=3.505358 Power=229.320739
Jsc=100.000000 Tout=0.057704 Jout/Jsc=0.622720 Jout=62.272029 Wout=3.593346 Power=223.764928
Jsc=100.000000 Tout=0.061826 Jout/Jsc=0.593465 Jout=59.346535 Wout=3.669142 Power=217.750894
Jsc=100.000000 Tout=0.065947 Jout/Jsc=0.566353 Jout=56.635309 Wout=3.734954 Power=211.530251
Jsc=100.000000 Tout=0.070069 Jout/Jsc=0.541255 Jout=54.125493 Wout=3.792528 Power=205.272422
Jsc=100.000000 Tout=0.074191 Jout/Jsc=0.518022 Jout=51.802247 Wout=3.843254 Power=199.089176
Jsc=100.000000 Tout=0.078313 Jout/Jsc=0.496503 Jout=49.650283 Wout=3.888242 Power=193.052315
Jsc=100.000000 Tout=0.082434 Jout/Jsc=0.476547 Jout=47.654737 Wout=3.928385 Power=187.206146

Te=100.000000 Ts=0.001000 Jsc=1000.000000

Jsc=1000.000000 Tout=0.000000 Jout/Jsc=0.998276 Jout=998.276417 Wout=0.000000 Power=0.000000
Jsc=1000.000000 Tout=0.000576 Jout/Jsc=0.996177 Jout=996.176836 Wout=0.573993 Power=571.798086
Jsc=1000.000000 Tout=0.001152 Jout/Jsc=0.992511 Jout=992.510833 Wout=1.143760 Power=1135.194626
Jsc=1000.000000 Tout=0.001729 Jout/Jsc=0.986227 Jout=986.226609 Wout=1.704778 Power=1681.297265
Jsc=1000.000000 Tout=0.002305 Jout/Jsc=0.975818 Jout=975.817593 Wout=2.249047 Power=2194.659242
Jsc=1000.000000 Tout=0.002881 Jout/Jsc=0.959536 Jout=959.535633 Wout=2.764400 Power=2652.540588
Jsc=1000.000000 Tout=0.003457 Jout/Jsc=0.936092 Jout=936.092211 Wout=3.236232 Power=3029.411945
Jsc=1000.000000 Tout=0.004033 Jout/Jsc=0.905560 Jout=905.560210 Wout=3.652458 Power=3307.520335
Jsc=1000.000000 Tout=0.004610 Jout/Jsc=0.869585 Jout=869.584749 Wout=4.008406 Power=3485.648863
Jsc=1000.000000 Tout=0.005186 Jout/Jsc=0.830596 Jout=830.596320 Wout=4.307272 Power=3577.604549

Jsc=1000.000000 Tout=0.005762 Jout/Jsc=0.790839 Jout=790.839185 Wout=4.556779 Power=3603.679669 <-- Maximum

Jsc=1000.000000 Tout=0.006338 Jout/Jsc=0.751907 Jout=751.906870 Wout=4.765698 Power=3583.361398
Jsc=1000.000000 Tout=0.006914 Jout/Jsc=0.714740 Jout=714.740323 Wout=4.941961 Power=3532.219095
Jsc=1000.000000 Tout=0.007491 Jout/Jsc=0.679801 Jout=679.801263 Wout=5.092079 Power=3461.601785
Jsc=1000.000000 Tout=0.008067 Jout/Jsc=0.647248 Jout=647.248279 Wout=5.221181 Power=3379.400501

Jsc=1000.000000 Tout=0.008643 Jout/Jsc=0.617065 Jout=617.065217 Wout=5.333252 Power=3290.964604
Jsc=1000.000000 Tout=0.009219 Jout/Jsc=0.589143 Jout=589.143223 Wout=5.431386 Power=3199.864398
Jsc=1000.000000 Tout=0.009795 Jout/Jsc=0.563330 Jout=563.329786 Wout=5.517997 Power=3108.452039
Jsc=1000.000000 Tout=0.010372 Jout/Jsc=0.539457 Jout=539.456803 Wout=5.594986 Power=3018.253220
Jsc=1000.000000 Tout=0.010948 Jout/Jsc=0.517356 Jout=517.356004 Wout=5.663865 Power=2930.234706
Jsc=1000.000000 Tout=0.011524 Jout/Jsc=0.496867 Jout=496.866976 Wout=5.725850 Power=2844.985652

Te=100.000000 Ts=0.001000 Jsc=10000.000000

Jsc=10000.000000 Tout=0.000000 Jout/Jsc=0.772857 Jout=7728.570703 Wout=0.000000 Power=0.000000
Jsc=10000.000000 Tout=0.000117 Jout/Jsc=0.712990 Jout=7129.904551 Wout=0.832517 Power=5935.764184
Jsc=10000.000000 Tout=0.000234 Jout/Jsc=0.659379 Jout=6593.789823 Wout=1.539835 Power=10153.351059
Jsc=10000.000000 Tout=0.000350 Jout/Jsc=0.612002 Jout=6120.024005 Wout=2.143797 Power=13120.086944
Jsc=10000.000000 Tout=0.000467 Jout/Jsc=0.570257 Jout=5702.566842 Wout=2.663420 Power=15188.328002
Jsc=10000.000000 Tout=0.000584 Jout/Jsc=0.533409 Jout=5334.086771 Wout=3.114148 Power=16611.137142
Jsc=10000.000000 Tout=0.000701 Jout/Jsc=0.500760 Jout=5007.604664 Wout=3.508250 Power=17567.927395
Jsc=10000.000000 Tout=0.000817 Jout/Jsc=0.471699 Jout=4716.994902 Wout=3.855429 Power=18186.036603
Jsc=10000.000000 Tout=0.000934 Jout/Jsc=0.445706 Jout=4457.055087 Wout=4.163391 Power=18556.462894
Jsc=10000.000000 Tout=0.001051 Jout/Jsc=0.422343 Jout=4223.425396 Wout=4.438299 Power=18744.824149

Jsc=10000.000000 Tout=0.001168 Jout/Jsc=0.401247 Jout=4012.467275 Wout=4.685120 Power=18798.890311 <-- Maximum

Jsc=10000.000000 Tout=0.001284 Jout/Jsc=0.382114 Jout=3821.142668 Wout=4.907894 Power=18753.761919
Jsc=10000.000000 Tout=0.001401 Jout/Jsc=0.364691 Jout=3646.907557 Wout=5.109933 Power=18635.453365
Jsc=10000.000000 Tout=0.001518 Jout/Jsc=0.348762 Jout=3487.622754 Wout=5.293977 Power=18463.395141
Jsc=10000.000000 Tout=0.001635 Jout/Jsc=0.334148 Jout=3341.480871 Wout=5.462308 Power=18252.199254
Jsc=10000.000000 Tout=0.001751 Jout/Jsc=0.320695 Jout=3206.947148 Wout=5.616843 Power=18012.917974
Jsc=10000.000000 Tout=0.001868 Jout/Jsc=0.308271 Jout=3082.711693 Wout=5.759199 Power=17753.950685
Jsc=10000.000000 Tout=0.001985 Jout/Jsc=0.296765 Jout=2967.650919 Wout=5.890755 Power=17481.703765
Jsc=10000.000000 Tout=0.002102 Jout/Jsc=0.286080 Jout=2860.796346 Wout=6.012688 Power=17201.075301
Jsc=10000.000000 Tout=0.002219 Jout/Jsc=0.276131 Jout=2761.309270 Wout=6.126012 Power=16915.814336

Jsc=10000.000000 Tout=0.002335 Jout/Jsc=0.266846 Jout=2668.460105 Wout=6.231605 Power=16628.789330

Te=100.000000 Ts=0.001000 Jsc=100000.000000

Jsc=100000.000000 Tout=0.000000 Jout/Jsc=0.113920 Jout=11391.987566 Wout=0.000000 Power=0.000000

Jsc=100000.000000 Tout=0.000101 Jout/Jsc=0.103560 Jout=10356.036367 Wout=1.047575 Power=10848.721282

Jsc=100000.000000 Tout=0.000202 Jout/Jsc=0.094927 Jout=9492.707805 Wout=1.920488 Power=18230.628444

Jsc=100000.000000 Tout=0.000303 Jout/Jsc=0.087622 Jout=8762.191151 Wout=2.659043 Power=23299.044955

Jsc=100000.000000 Tout=0.000405 Jout/Jsc=0.081360 Jout=8136.038870 Wout=3.292035 Power=26784.123502

Jsc=100000.000000 Tout=0.000506 Jout/Jsc=0.075934 Jout=7593.383811 Wout=3.840580 Power=29162.995205

Jsc=100000.000000 Tout=0.000607 Jout/Jsc=0.071186 Jout=7118.572739 Wout=4.320516 Power=30755.905841

Jsc=100000.000000 Tout=0.000708 Jout/Jsc=0.066996 Jout=6699.634042 Wout=4.743955 Power=31782.760795

Jsc=100000.000000 Tout=0.000809 Jout/Jsc=0.063273 Jout=6327.255691 Wout=5.120316 Power=32397.550485

Jsc=100000.000000 Tout=0.000910 Jout/Jsc=0.059941 Jout=5994.085692 Wout=5.457037 Power=32709.945633

Jsc=100000.000000 Tout=0.001012 Jout/Jsc=0.056942 Jout=5694.242260 Wout=5.760065 Power=32799.203571 <-- Maximum

Jsc=100000.000000 Tout=0.001113 Jout/Jsc=0.054230 Jout=5422.963868 Wout=6.034215 Power=32723.332479

Jsc=100000.000000 Tout=0.001214 Jout/Jsc=0.051764 Jout=5176.354704 Wout=6.283429 Power=32525.255778

Jsc=100000.000000 Tout=0.001315 Jout/Jsc=0.049512 Jout=4951.196495 Wout=6.510959 Power=32237.035298

Jsc=100000.000000 Tout=0.001416 Jout/Jsc=0.047448 Jout=4744.807372 Wout=6.719517 Power=31882.812516

Jsc=100000.000000 Tout=0.001517 Jout/Jsc=0.045549 Jout=4554.934598 Wout=6.911381 Power=31480.887560

Jsc=100000.000000 Tout=0.001618 Jout/Jsc=0.043797 Jout=4379.672041 Wout=7.088478 Power=31045.208601

Jsc=100000.000000 Tout=0.001720 Jout/Jsc=0.042174 Jout=4217.395990 Wout=7.252450 Power=30586.451919

Jsc=100000.000000 Tout=0.001821 Jout/Jsc=0.040667 Jout=4066.714724 Wout=7.404703 Power=30112.813856

Jsc=100000.000000 Tout=0.001922 Jout/Jsc=0.039264 Jout=3926.428509 Wout=7.546450 Power=29630.597413

Jsc=100000.000000 Tout=0.002023 Jout/Jsc=0.037955 Jout=3795.497599 Wout=7.678743 Power=29144.650775

Te=100.000000 Ts=0.001000 Jsc=1000000.000000

Jsc=1000000.000000 Tout=0.000000 Jout/Jsc=0.013802 Jout=13801.613691 Wout=0.000000 Power=0.000000
Jsc=1000000.000000 Tout=0.000100 Jout/Jsc=0.012546 Jout=12545.657644 Wout=1.257229 Power=15772.761703
Jsc=1000000.000000 Tout=0.000200 Jout/Jsc=0.011499 Jout=11499.219850 Wout=2.304726 Power=26502.547896
Jsc=1000000.000000 Tout=0.000301 Jout/Jsc=0.010614 Jout=10613.909160 Wout=3.190932 Power=33868.258466
Jsc=1000000.000000 Tout=0.000401 Jout/Jsc=0.009855 Jout=9855.171245 Wout=3.950436 Power=38932.224538
Jsc=1000000.000000 Tout=0.000501 Jout/Jsc=0.009198 Jout=9197.672984 Wout=4.608598 Power=42388.379259
Jsc=1000000.000000 Tout=0.000601 Jout/Jsc=0.008622 Jout=8622.418873 Wout=5.184433 Power=44702.350769
Jsc=1000000.000000 Tout=0.000701 Jout/Jsc=0.008115 Jout=8114.885820 Wout=5.692478 Power=46193.805887
Jsc=1000000.000000 Tout=0.000802 Jout/Jsc=0.007664 Jout=7663.780063 Wout=6.144038 Power=47086.556435
Jsc=1000000.000000 Tout=0.000902 Jout/Jsc=0.007260 Jout=7260.186846 Wout=6.548038 Power=47539.978701

Jsc=1000000.000000 Tout=0.001002 Jout/Jsc=0.006897 Jout=6896.975347 Wout=6.911615 Power=47669.239708 <-- Maximum

Jsc=1000000.000000 Tout=0.001102 Jout/Jsc=0.006568 Jout=6568.373711 Wout=7.240548 Power=47558.622996
Jsc=1000000.000000 Tout=0.001203 Jout/Jsc=0.006270 Jout=6269.660036 Wout=7.539562 Power=47270.490513
Jsc=1000000.000000 Tout=0.001303 Jout/Jsc=0.005997 Jout=5996.934013 Wout=7.812562 Power=46851.421331
Jsc=1000000.000000 Tout=0.001403 Jout/Jsc=0.005747 Jout=5746.945687 Wout=8.062802 Power=46336.486415
Jsc=1000000.000000 Tout=0.001503 Jout/Jsc=0.005517 Jout=5516.965323 Wout=8.293014 Power=45752.269899
Jsc=1000000.000000 Tout=0.001603 Jout/Jsc=0.005305 Jout=5304.683326 Wout=8.505509 Power=45119.033337
Jsc=1000000.000000 Tout=0.001704 Jout/Jsc=0.005108 Jout=5108.132401 Wout=8.702258 Power=44452.285029
Jsc=1000000.000000 Tout=0.001804 Jout/Jsc=0.004926 Jout=4925.626409 Wout=8.884947 Power=43763.930658
Jsc=1000000.000000 Tout=0.001904 Jout/Jsc=0.004756 Jout=4755.711869 Wout=9.055032 Power=43063.125527
Jsc=1000000.000000 Tout=0.002004 Jout/Jsc=0.004597 Jout=4597.129169 Wout=9.213775 Power=42356.911631

Te=100.000000 Ts=0.010000 Jsc=1.000000

Jsc=1.000000 Tout=0.000000 Jout/Jsc=0.989952 Jout=0.989952 Wout=0.000000 Power=0.000000
Jsc=1.000000 Tout=0.069111 Jout/Jsc=0.923478 Jout=0.923478 Wout=0.063822 Power=0.058938
Jsc=1.000000 Tout=0.138221 Jout/Jsc=0.862371 Jout=0.862371 Wout=0.119198 Power=0.102793
Jsc=1.000000 Tout=0.207332 Jout/Jsc=0.806634 Jout=0.806634 Wout=0.167241 Power=0.134903
Jsc=1.000000 Tout=0.276443 Jout/Jsc=0.756036 Jout=0.756036 Wout=0.209001 Power=0.158012
Jsc=1.000000 Tout=0.345554 Jout/Jsc=0.710212 Jout=0.710212 Wout=0.245416 Power=0.174297
Jsc=1.000000 Tout=0.414664 Jout/Jsc=0.668740 Jout=0.668740 Wout=0.277303 Power=0.185444
Jsc=1.000000 Tout=0.483775 Jout/Jsc=0.631187 Jout=0.631187 Wout=0.305353 Power=0.192735
Jsc=1.000000 Tout=0.552886 Jout/Jsc=0.597134 Jout=0.597134 Wout=0.330147 Power=0.197142
Jsc=1.000000 Tout=0.621996 Jout/Jsc=0.566195 Jout=0.566195 Wout=0.352171 Power=0.199397

Jsc=1.000000 Tout=0.691107 Jout/Jsc=0.538019 Jout=0.538019 Wout=0.371829 Power=0.200051 <-- Maximum

Jsc=1.000000 Tout=0.760218 Jout/Jsc=0.512295 Jout=0.512295 Wout=0.389456 Power=0.199516
Jsc=1.000000 Tout=0.829329 Jout/Jsc=0.488748 Jout=0.488748 Wout=0.405333 Power=0.198106
Jsc=1.000000 Tout=0.898439 Jout/Jsc=0.467137 Jout=0.467137 Wout=0.419694 Power=0.196054
Jsc=1.000000 Tout=0.967550 Jout/Jsc=0.447249 Jout=0.447249 Wout=0.432736 Power=0.193541
Jsc=1.000000 Tout=1.036661 Jout/Jsc=0.428901 Jout=0.428901 Wout=0.444625 Power=0.190700
Jsc=1.000000 Tout=1.105772 Jout/Jsc=0.411931 Jout=0.411931 Wout=0.455501 Power=0.187635
Jsc=1.000000 Tout=1.174882 Jout/Jsc=0.396197 Jout=0.396197 Wout=0.465485 Power=0.184423
Jsc=1.000000 Tout=1.243993 Jout/Jsc=0.381575 Jout=0.381575 Wout=0.474677 Power=0.181125
Jsc=1.000000 Tout=1.313104 Jout/Jsc=0.367957 Jout=0.367957 Wout=0.483166 Power=0.177784
Jsc=1.000000 Tout=1.382214 Jout/Jsc=0.355246 Jout=0.355246 Wout=0.491027 Power=0.174435

Te=100.000000 Ts=0.010000 Jsc=10.000000

Jsc=10.000000 Tout=0.000000 Jout/Jsc=0.989500 Jout=9.894999 Wout=0.000000 Power=0.000000
Jsc=10.000000 Tout=0.022776 Jout/Jsc=0.962591 Jout=9.625905 Wout=0.219237 Power=2.110359
Jsc=10.000000 Tout=0.045552 Jout/Jsc=0.931688 Jout=9.316884 Wout=0.424399 Power=3.954071
Jsc=10.000000 Tout=0.068327 Jout/Jsc=0.897344 Jout=8.973440 Wout=0.613131 Power=5.501896
Jsc=10.000000 Tout=0.091103 Jout/Jsc=0.860452 Jout=8.604523 Wout=0.783899 Power=6.745075
Jsc=10.000000 Tout=0.113879 Jout/Jsc=0.822102 Jout=8.221024 Wout=0.936201 Power=7.696530
Jsc=10.000000 Tout=0.136655 Jout/Jsc=0.783387 Jout=7.833873 Wout=1.070535 Power=8.386436
Jsc=10.000000 Tout=0.159430 Jout/Jsc=0.745249 Jout=7.452494 Wout=1.188154 Power=8.854712
Jsc=10.000000 Tout=0.182206 Jout/Jsc=0.708400 Jout=7.083998 Wout=1.290748 Power=9.143658
Jsc=10.000000 Tout=0.204982 Jout/Jsc=0.673309 Jout=6.733087 Wout=1.380162 Power=9.292748

Jsc=10.000000 Tout=0.227758 Jout/Jsc=0.640240 Jout=6.402395 Wout=1.458195 Power=9.335942 <-- Maximum

Jsc=10.000000 Tout=0.250534 Jout/Jsc=0.609298 Jout=6.092982 Wout=1.526496 Power=9.300915
Jsc=10.000000 Tout=0.273309 Jout/Jsc=0.580482 Jout=5.804822 Wout=1.586512 Power=9.209420
Jsc=10.000000 Tout=0.296085 Jout/Jsc=0.553720 Jout=5.537200 Wout=1.639482 Power=9.078140
Jsc=10.000000 Tout=0.318861 Jout/Jsc=0.528900 Jout=5.288998 Wout=1.686454 Power=8.919653
Jsc=10.000000 Tout=0.341637 Jout/Jsc=0.505890 Jout=5.058902 Wout=1.728306 Power=8.743332
Jsc=10.000000 Tout=0.364412 Jout/Jsc=0.484553 Jout=4.845530 Wout=1.765771 Power=8.556097
Jsc=10.000000 Tout=0.387188 Jout/Jsc=0.464751 Jout=4.647511 Wout=1.799461 Power=8.363017
Jsc=10.000000 Tout=0.409964 Jout/Jsc=0.446354 Jout=4.463536 Wout=1.829889 Power=8.167776
Jsc=10.000000 Tout=0.432740 Jout/Jsc=0.429238 Jout=4.292380 Wout=1.857483 Power=7.973023
Jsc=10.000000 Tout=0.455516 Jout/Jsc=0.413291 Jout=4.132912 Wout=1.882605 Power=7.780642

Te=100.000000 Ts=0.010000 Jsc=100.000000

Jsc=100.000000 Tout=0.000000 Jout/Jsc=0.983172 Jout=98.317246 Wout=0.000000 Power=0.000000
Jsc=100.000000 Tout=0.004080 Jout/Jsc=0.970640 Jout=97.063978 Wout=0.396052 Power=38.442431
Jsc=100.000000 Tout=0.008161 Jout/Jsc=0.953345 Jout=95.334491 Wout=0.777991 Power=74.169400
Jsc=100.000000 Tout=0.012241 Jout/Jsc=0.930570 Jout=93.057026 Wout=1.139108 Power=106.002048
Jsc=100.000000 Tout=0.016321 Jout/Jsc=0.902265 Jout=90.226535 Wout=1.472614 Power=132.868862

Jsc=100.000000 Tout=0.020402 Jout/Jsc=0.869236 Jout=86.923622 Wout=1.773383 Power=154.148853
Jsc=100.000000 Tout=0.024482 Jout/Jsc=0.832955 Jout=83.295548 Wout=2.039237 Power=169.859366
Jsc=100.000000 Tout=0.028562 Jout/Jsc=0.795109 Jout=79.510868 Wout=2.271011 Power=180.570040
Jsc=100.000000 Tout=0.032643 Jout/Jsc=0.757180 Jout=75.718035 Wout=2.471633 Power=187.147195
Jsc=100.000000 Tout=0.036723 Jout/Jsc=0.720257 Jout=72.025654 Wout=2.644992 Power=190.507289

Jsc=100.000000 Tout=0.040803 Jout/Jsc=0.685018 Jout=68.501797 Wout=2.795095 Power=191.469057 <-- Maximum

Jsc=100.000000 Tout=0.044884 Jout/Jsc=0.651824 Jout=65.182370 Wout=2.925617 Power=190.698665
Jsc=100.000000 Tout=0.048964 Jout/Jsc=0.620811 Jout=62.081051 Wout=3.039730 Power=188.709617
Jsc=100.000000 Tout=0.053044 Jout/Jsc=0.591975 Jout=59.197536 Wout=3.140087 Power=185.885397
Jsc=100.000000 Tout=0.057125 Jout/Jsc=0.565234 Jout=56.523430 Wout=3.228875 Power=182.507079
Jsc=100.000000 Tout=0.061205 Jout/Jsc=0.540461 Jout=54.046113 Wout=3.307885 Power=178.778323
Jsc=100.000000 Tout=0.065285 Jout/Jsc=0.517511 Jout=51.751146 Wout=3.378583 Power=174.845553
Jsc=100.000000 Tout=0.069366 Jout/Jsc=0.496237 Jout=49.623698 Wout=3.442173 Power=170.813361
Jsc=100.000000 Tout=0.073446 Jout/Jsc=0.476494 Jout=47.649358 Wout=3.499647 Power=166.755926
Jsc=100.000000 Tout=0.077526 Jout/Jsc=0.458146 Jout=45.814558 Wout=3.551827 Power=162.725370
Jsc=100.000000 Tout=0.081606 Jout/Jsc=0.441068 Jout=44.106768 Wout=3.599398 Power=158.757825

Te=100.000000 Ts=0.010000 Jsc=1000.000000

Jsc=1000.000000 Tout=0.000000 Jout/Jsc=0.599505 Jout=599.504660 Wout=0.000000 Power=0.000000
Jsc=1000.000000 Tout=0.001144 Jout/Jsc=0.548663 Jout=548.663399 Wout=0.627657 Power=344.372658
Jsc=1000.000000 Tout=0.002288 Jout/Jsc=0.505072 Jout=505.072400 Wout=1.155581 Power=583.651967
Jsc=1000.000000 Tout=0.003432 Jout/Jsc=0.467495 Jout=467.494504 Wout=1.604407 Power=750.051281
Jsc=1000.000000 Tout=0.004576 Jout/Jsc=0.434875 Jout=434.875473 Wout=1.989947 Power=865.379302
Jsc=1000.000000 Tout=0.005720 Jout/Jsc=0.406355 Jout=406.355376 Wout=2.324303 Power=944.492924
Jsc=1000.000000 Tout=0.006864 Jout/Jsc=0.381243 Jout=381.242894 Wout=2.616795 Power=997.634480
Jsc=1000.000000 Tout=0.008008 Jout/Jsc=0.358984 Jout=358.983514 Wout=2.874678 Power=1031.962063
Jsc=1000.000000 Tout=0.009152 Jout/Jsc=0.339131 Jout=339.130969 Wout=3.103660 Power=1052.547180
Jsc=1000.000000 Tout=0.010296 Jout/Jsc=0.321324 Jout=321.323977 Wout=3.308281 Power=1063.029855

Jsc=1000.000000 Tout=0.011440 Jout/Jsc=0.305268 Jout=305.267984 Wout=3.492191 Power=1066.053995 <-- Maximum

Jsc=1000.000000 Tout=0.012584 Jout/Jsc=0.290721 Jout=290.721043 Wout=3.658355 Power=1063.560758

Jsc=1000.000000 Tout=0.013728 Jout/Jsc=0.277483 Jout=277.482934 Wout=3.809204 Power=1056.989044

Jsc=1000.000000 Tout=0.014872 Jout/Jsc=0.265387 Jout=265.386765 Wout=3.946747 Power=1047.414446

Jsc=1000.000000 Tout=0.016016 Jout/Jsc=0.254292 Jout=254.292458 Wout=4.072660 Power=1035.646828

Jsc=1000.000000 Tout=0.017160 Jout/Jsc=0.244082 Jout=244.081659 Wout=4.188351 Power=1022.299710

Jsc=1000.000000 Tout=0.018304 Jout/Jsc=0.234654 Jout=234.653752 Wout=4.295010 Power=1007.840187

Jsc=1000.000000 Tout=0.019448 Jout/Jsc=0.225923 Jout=225.922692 Wout=4.393650 Power=992.625240

Jsc=1000.000000 Tout=0.020592 Jout/Jsc=0.217814 Jout=217.814493 Wout=4.485140 Power=976.928402

Jsc=1000.000000 Tout=0.021736 Jout/Jsc=0.210265 Jout=210.265205 Wout=4.570226 Power=960.959546

Jsc=1000.000000 Tout=0.022880 Jout/Jsc=0.203219 Jout=203.219282 Wout=4.649557 Power=944.879675

Te=100.000000 Ts=0.010000 Jsc=10000.000000

Jsc=10000.000000 Tout=0.000000 Jout/Jsc=0.091149 Jout=911.486662 Wout=0.000000 Power=0.000000

Jsc=10000.000000 Tout=0.001011 Jout/Jsc=0.082864 Jout=828.640697 Wout=0.837533 Power=694.013843

Jsc=10000.000000 Tout=0.002021 Jout/Jsc=0.075959 Jout=759.594736 Wout=1.535492 Power=1166.351638

Jsc=10000.000000 Tout=0.003032 Jout/Jsc=0.070117 Jout=701.166854 Wout=2.126073 Power=1490.732176

Jsc=10000.000000 Tout=0.004043 Jout/Jsc=0.065108 Jout=651.083262 Wout=2.632280 Power=1713.833657

Jsc=10000.000000 Tout=0.005054 Jout/Jsc=0.060768 Jout=607.675980 Wout=3.070985 Power=1866.163798

Jsc=10000.000000 Tout=0.006064 Jout/Jsc=0.056969 Jout=569.693728 Wout=3.454843 Power=1968.202333

Jsc=10000.000000 Tout=0.007075 Jout/Jsc=0.053618 Jout=536.179470 Wout=3.793533 Power=2034.014369

Jsc=10000.000000 Tout=0.008086 Jout/Jsc=0.050639 Jout=506.388739 Wout=4.094583 Power=2073.450542

Jsc=10000.000000 Tout=0.009097 Jout/Jsc=0.047973 Jout=479.733737 Wout=4.363936 Power=2093.527391

Jsc=10000.000000 Tout=0.010107 Jout/Jsc=0.045574 Jout=455.744186 Wout=4.606348 Power=2099.316354 <-- Maximum

Jsc=10000.000000 Tout=0.011118 Jout/Jsc=0.043404 Jout=434.039357 Wout=4.825668 Power=2094.529702

Jsc=10000.000000 Tout=0.012129 Jout/Jsc=0.041431 Jout=414.307730 Wout=5.025044 Power=2081.914710

Jsc=10000.000000 Tout=0.013140 Jout/Jsc=0.039629 Jout=396.291951 Wout=5.207080 Power=2063.523742
Jsc=10000.000000 Tout=0.014150 Jout/Jsc=0.037978 Jout=379.777551 Wout=5.373942 Power=2040.902367
Jsc=10000.000000 Tout=0.015161 Jout/Jsc=0.036458 Jout=364.584371 Wout=5.527451 Power=2015.222344
Jsc=10000.000000 Tout=0.016172 Jout/Jsc=0.035056 Jout=350.559968 Wout=5.669150 Power=1987.376904
Jsc=10000.000000 Tout=0.017182 Jout/Jsc=0.033757 Jout=337.574477 Wout=5.800349 Power=1958.049851
Jsc=10000.000000 Tout=0.018193 Jout/Jsc=0.032552 Jout=325.516588 Wout=5.922175 Power=1927.766238
Jsc=10000.000000 Tout=0.019204 Jout/Jsc=0.031429 Jout=314.290340 Wout=6.035597 Power=1896.929900
Jsc=10000.000000 Tout=0.020215 Jout/Jsc=0.030381 Jout=303.812568 Wout=6.141456 Power=1865.851525

Te=100.000000 Ts=0.010000 Jsc=100000.000000

Jsc=100000.000000 Tout=0.000000 Jout/Jsc=0.011501 Jout=1150.136640 Wout=0.000000 Power=0.000000
Jsc=100000.000000 Tout=0.001001 Jout/Jsc=0.010456 Jout=1045.572659 Wout=1.046697 Power=1094.397814
Jsc=100000.000000 Tout=0.002002 Jout/Jsc=0.009584 Jout=958.436870 Wout=1.918935 Power=1839.178157
Jsc=100000.000000 Tout=0.003003 Jout/Jsc=0.008847 Jout=884.707213 Wout=2.656976 Power=2350.645678
Jsc=100000.000000 Tout=0.004004 Jout/Jsc=0.008215 Jout=821.510829 Wout=3.289577 Power=2702.423177
Jsc=100000.000000 Tout=0.005005 Jout/Jsc=0.007667 Jout=766.740983 Wout=3.837828 Power=2942.619706
Jsc=100000.000000 Tout=0.006006 Jout/Jsc=0.007188 Jout=718.817640 Wout=4.317544 Power=3103.526677
Jsc=100000.000000 Tout=0.007008 Jout/Jsc=0.006765 Jout=676.532550 Wout=4.740821 Power=3207.319422
Jsc=100000.000000 Tout=0.008009 Jout/Jsc=0.006389 Jout=638.945974 Wout=5.117065 Power=3269.527870
Jsc=100000.000000 Tout=0.009010 Jout/Jsc=0.006053 Jout=605.316017 Wout=5.453703 Power=3301.213562

Jsc=100000.000000 Tout=0.010011 Jout/Jsc=0.005750 Jout=575.049166 Wout=5.756676 Power=3310.371512 <-- Maximum

Jsc=100000.000000 Tout=0.011012 Jout/Jsc=0.005477 Jout=547.664964 Wout=6.030793 Power=3302.854043
Jsc=100000.000000 Tout=0.012013 Jout/Jsc=0.005228 Jout=522.770310 Wout=6.279990 Power=3282.992239
Jsc=100000.000000 Tout=0.013014 Jout/Jsc=0.005000 Jout=500.040473 Wout=6.507517 Power=3254.021719
Jsc=100000.000000 Tout=0.014015 Jout/Jsc=0.004792 Jout=479.204842 Wout=6.716082 Power=3218.379191
Jsc=100000.000000 Tout=0.015016 Jout/Jsc=0.004600 Jout=460.036107 Wout=6.907962 Power=3177.912089
Jsc=100000.000000 Tout=0.016017 Jout/Jsc=0.004423 Jout=442.341929 Wout=7.085082 Power=3134.028765
Jsc=100000.000000 Tout=0.017018 Jout/Jsc=0.004260 Jout=425.958464 Wout=7.249081 Power=3087.807421

Jsc=100000.000000 Tout=0.018019 Jout/Jsc=0.004107 Jout=410.745275 Wout=7.401366 Power=3040.075987
Jsc=100000.000000 Tout=0.019020 Jout/Jsc=0.003966 Jout=396.581297 Wout=7.543148 Power=2991.471292
Jsc=100000.000000 Tout=0.020022 Jout/Jsc=0.003834 Jout=383.361606 Wout=7.675477 Power=2942.483307

Te=100.000000 Ts=0.010000 Jsc=1000000.000000

Jsc=1000000.000000 Tout=0.000000 Jout/Jsc=0.001381 Jout=1381.412905 Wout=0.000000 Power=0.000000
Jsc=1000000.000000 Tout=0.001000 Jout/Jsc=0.001256 Jout=1255.807722 Wout=1.256178 Power=1577.517532
Jsc=1000000.000000 Tout=0.002001 Jout/Jsc=0.001151 Jout=1151.140126 Wout=2.302958 Power=2651.027770
Jsc=1000000.000000 Tout=0.003001 Jout/Jsc=0.001063 Jout=1062.577645 Wout=3.188672 Power=3388.211404
Jsc=1000000.000000 Tout=0.004001 Jout/Jsc=0.000987 Jout=986.668702 Wout=3.947837 Power=3895.207448
Jsc=1000000.000000 Tout=0.005001 Jout/Jsc=0.000921 Jout=920.882264 Wout=4.605767 Power=4241.369580
Jsc=1000000.000000 Tout=0.006002 Jout/Jsc=0.000863 Jout=863.320129 Wout=5.181446 Power=4473.247007
Jsc=1000000.000000 Tout=0.007002 Jout/Jsc=0.000813 Jout=812.530784 Wout=5.689391 Power=4622.805101
Jsc=1000000.000000 Tout=0.008002 Jout/Jsc=0.000767 Jout=767.385309 Wout=6.140891 Power=4712.429269
Jsc=1000000.000000 Tout=0.009003 Jout/Jsc=0.000727 Jout=726.992476 Wout=6.544859 Power=4758.063543

Jsc=1000000.000000 Tout=0.010003 Jout/Jsc=0.000691 Jout=690.639319 Wout=6.908427 Power=4771.231562 <-- Maximum

Jsc=1000000.000000 Tout=0.011003 Jout/Jsc=0.000658 Jout=657.748687 Wout=7.237367 Power=4760.368369
Jsc=1000000.000000 Tout=0.012004 Jout/Jsc=0.000628 Jout=627.848377 Wout=7.536400 Power=4731.716261
Jsc=1000000.000000 Tout=0.013004 Jout/Jsc=0.000601 Jout=600.548314 Wout=7.809428 Power=4689.938550
Jsc=1000000.000000 Tout=0.014004 Jout/Jsc=0.000576 Jout=575.523440 Wout=8.059701 Power=4638.547037
Jsc=1000000.000000 Tout=0.015004 Jout/Jsc=0.000553 Jout=552.500712 Wout=8.289952 Power=4580.204189
Jsc=1000000.000000 Tout=0.016005 Jout/Jsc=0.000531 Jout=531.249096 Wout=8.502489 Power=4516.939632
Jsc=1000000.000000 Tout=0.017005 Jout/Jsc=0.000512 Jout=511.571786 Wout=8.699282 Power=4450.307159
Jsc=1000000.000000 Tout=0.018005 Jout/Jsc=0.000493 Jout=493.300097 Wout=8.882017 Power=4381.499861
Jsc=1000000.000000 Tout=0.019006 Jout/Jsc=0.000476 Jout=476.288608 Wout=9.052149 Power=4311.435418
Jsc=1000000.000000 Tout=0.020006 Jout/Jsc=0.000460 Jout=460.411292 Wout=9.210938 Power=4240.819858

Te=100.000000 Ts=0.100000 Jsc=1.000000

Jsc=1.000000 Tout=0.000000 Jout/Jsc=0.904436 Jout=0.904436 Wout=0.000000 Power=0.000000

Jsc=1.000000 Tout=0.075672 Jout/Jsc=0.839598 Jout=0.839598 Wout=0.063534 Power=0.053343

Jsc=1.000000 Tout=0.151345 Jout/Jsc=0.781111 Jout=0.781111 Wout=0.118217 Power=0.092341

Jsc=1.000000 Tout=0.227017 Jout/Jsc=0.728581 Jout=0.728581 Wout=0.165400 Power=0.120507

Jsc=1.000000 Tout=0.302689 Jout/Jsc=0.681481 Jout=0.681481 Wout=0.206277 Power=0.140574

Jsc=1.000000 Tout=0.378362 Jout/Jsc=0.639245 Jout=0.639245 Wout=0.241866 Power=0.154611

Jsc=1.000000 Tout=0.454034 Jout/Jsc=0.601314 Jout=0.601314 Wout=0.273017 Power=0.164169

Jsc=1.000000 Tout=0.529706 Jout/Jsc=0.567174 Jout=0.567174 Wout=0.300436 Power=0.170399

Jsc=1.000000 Tout=0.605379 Jout/Jsc=0.536361 Jout=0.536361 Wout=0.324701 Power=0.174157

Jsc=1.000000 Tout=0.681051 Jout/Jsc=0.508467 Jout=0.508467 Wout=0.346292 Power=0.176078

Jsc=1.000000 Tout=0.756723 Jout/Jsc=0.483135 Jout=0.483135 Wout=0.365600 Power=0.176634 <-- Maximum

Jsc=1.000000 Tout=0.832396 Jout/Jsc=0.460058 Jout=0.460058 Wout=0.382950 Power=0.176179

Jsc=1.000000 Tout=0.908068 Jout/Jsc=0.438967 Jout=0.438967 Wout=0.398612 Power=0.174978

Jsc=1.000000 Tout=0.983740 Jout/Jsc=0.419634 Jout=0.419634 Wout=0.412811 Power=0.173230

Jsc=1.000000 Tout=1.059413 Jout/Jsc=0.401860 Jout=0.401860 Wout=0.425735 Power=0.171086

Jsc=1.000000 Tout=1.135085 Jout/Jsc=0.385471 Jout=0.385471 Wout=0.437543 Power=0.168660

Jsc=1.000000 Tout=1.210757 Jout/Jsc=0.370321 Jout=0.370321 Wout=0.448368 Power=0.166040

Jsc=1.000000 Tout=1.286430 Jout/Jsc=0.356278 Jout=0.356278 Wout=0.458326 Power=0.163291

Jsc=1.000000 Tout=1.362102 Jout/Jsc=0.343230 Jout=0.343230 Wout=0.467514 Power=0.160464

Jsc=1.000000 Tout=1.437774 Jout/Jsc=0.331078 Jout=0.331078 Wout=0.476015 Power=0.157598

Jsc=1.000000 Tout=1.513447 Jout/Jsc=0.319736 Jout=0.319736 Wout=0.483903 Power=0.154721

Te=100.000000 Ts=0.100000 Jsc=10.000000

Jsc=10.000000 Tout=0.000000 Jout/Jsc=0.862282 Jout=8.622818 Wout=0.000000 Power=0.000000

Jsc=10.000000 Tout=0.026501 Jout/Jsc=0.817644 Jout=8.176442 Wout=0.216684 Power=1.771701

Jsc=10.000000 Tout=0.053002 Jout/Jsc=0.772666 Jout=7.726657 Wout=0.409528 Power=3.164281

Jsc=10.000000 Tout=0.079503 Jout/Jsc=0.728761 Jout=7.287607 Wout=0.579386 Power=4.222337

Jsc=10.000000 Tout=0.106004 Jout/Jsc=0.686911 Jout=6.869106 Wout=0.728152 Power=5.001752

Jsc=10.000000 Tout=0.132505 Jout/Jsc=0.647679 Jout=6.476795 Wout=0.858207 Power=5.558428

Jsc=10.000000 Tout=0.159006 Jout/Jsc=0.611307 Jout=6.113067 Wout=0.972013 Power=5.941981

Jsc=10.000000 Tout=0.185507 Jout/Jsc=0.577812 Jout=5.778122 Wout=1.071881 Power=6.193458

Jsc=10.000000 Tout=0.212008 Jout/Jsc=0.547084 Jout=5.470839 Wout=1.159860 Power=6.345409

Jsc=10.000000 Tout=0.238509 Jout/Jsc=0.518940 Jout=5.189398 Wout=1.237717 Power=6.423004

Jsc=10.000000 Tout=0.265010 Jout/Jsc=0.493168 Jout=4.931680 Wout=1.306943 Power=6.445425 <-- Maximum

Jsc=10.000000 Tout=0.291511 Jout/Jsc=0.469551 Jout=4.695510 Wout=1.368791 Power=6.427171

Jsc=10.000000 Tout=0.318012 Jout/Jsc=0.447879 Jout=4.478788 Wout=1.424306 Power=6.379166

Jsc=10.000000 Tout=0.344513 Jout/Jsc=0.427956 Jout=4.279561 Wout=1.474363 Power=6.309625

Jsc=10.000000 Tout=0.371014 Jout/Jsc=0.409605 Jout=4.096050 Wout=1.519690 Power=6.224728

Jsc=10.000000 Tout=0.397515 Jout/Jsc=0.392665 Jout=3.926655 Wout=1.560902 Power=6.129125

Jsc=10.000000 Tout=0.424015 Jout/Jsc=0.376995 Jout=3.769947 Wout=1.598516 Power=6.026319

Jsc=10.000000 Tout=0.450516 Jout/Jsc=0.362466 Jout=3.624657 Wout=1.632968 Power=5.918947

Jsc=10.000000 Tout=0.477017 Jout/Jsc=0.348966 Jout=3.489662 Wout=1.664630 Power=5.808995

Jsc=10.000000 Tout=0.503518 Jout/Jsc=0.336397 Jout=3.363967 Wout=1.693819 Power=5.697952

Jsc=10.000000 Tout=0.530019 Jout/Jsc=0.324669 Jout=3.246691 Wout=1.720809 Power=5.586935

Te=100.000000 Ts=0.100000 Jsc=100.000000

Jsc=100.000000 Tout=0.000000 Jout/Jsc=0.409457 Jout=40.945675 Wout=0.000000 Power=0.000000
Jsc=100.000000 Tout=0.011245 Jout/Jsc=0.373322 Jout=37.332184 Wout=0.419808 Power=15.672358
Jsc=100.000000 Tout=0.022490 Jout/Jsc=0.342866 Jout=34.286572 Wout=0.771119 Power=26.439039
Jsc=100.000000 Tout=0.033736 Jout/Jsc=0.316893 Jout=31.689295 Wout=1.069058 Power=33.877702
Jsc=100.000000 Tout=0.044981 Jout/Jsc=0.294507 Jout=29.450717 Wout=1.324718 Power=39.013891
Jsc=100.000000 Tout=0.056226 Jout/Jsc=0.275029 Jout=27.502852 Wout=1.546377 Power=42.529768
Jsc=100.000000 Tout=0.067471 Jout/Jsc=0.257935 Jout=25.793463 Wout=1.740317 Power=44.888811
Jsc=100.000000 Tout=0.078716 Jout/Jsc=0.242819 Jout=24.281882 Wout=1.911384 Power=46.411998
Jsc=100.000000 Tout=0.089962 Jout/Jsc=0.229360 Jout=22.936048 Wout=2.063365 Power=47.325446
Jsc=100.000000 Tout=0.101207 Jout/Jsc=0.217304 Jout=21.730385 Wout=2.199265 Power=47.790868

Jsc=100.000000 Tout=0.112452 Jout/Jsc=0.206443 Jout=20.644266 Wout=2.321491 Power=47.925475 <-- Maximum

Jsc=100.000000 Tout=0.123697 Jout/Jsc=0.196609 Jout=19.660882 Wout=2.431998 Power=47.815226
Jsc=100.000000 Tout=0.134943 Jout/Jsc=0.187664 Jout=18.766410 Wout=2.532387 Power=47.523804
Jsc=100.000000 Tout=0.146188 Jout/Jsc=0.179494 Jout=17.949384 Wout=2.623980 Power=47.098818
Jsc=100.000000 Tout=0.157433 Jout/Jsc=0.172002 Jout=17.200216 Wout=2.707880 Power=46.576126
Jsc=100.000000 Tout=0.168678 Jout/Jsc=0.165108 Jout=16.510827 Wout=2.785016 Power=45.982909
Jsc=100.000000 Tout=0.179923 Jout/Jsc=0.158744 Jout=15.874367 Wout=2.856169 Power=45.339881
Jsc=100.000000 Tout=0.191169 Jout/Jsc=0.152850 Jout=15.284990 Wout=2.922010 Power=44.662888
Jsc=100.000000 Tout=0.202414 Jout/Jsc=0.147377 Jout=14.737676 Wout=2.983109 Power=43.964087
Jsc=100.000000 Tout=0.213659 Jout/Jsc=0.142281 Jout=14.228091 Wout=3.039959 Power=43.252819
Jsc=100.000000 Tout=0.224904 Jout/Jsc=0.137525 Jout=13.752476 Wout=3.092989 Power=42.536261

Te=100.000000 Ts=0.100000 Jsc=1000.000000

Jsc=1000.000000 Tout=0.000000 Jout/Jsc=0.068379 Jout=68.379253 Wout=0.000000 Power=0.000000
Jsc=1000.000000 Tout=0.010104 Jout/Jsc=0.062165 Jout=62.164640 Wout=0.628103 Power=39.045812
Jsc=1000.000000 Tout=0.020208 Jout/Jsc=0.056985 Jout=56.985262 Wout=1.151543 Power=65.620980

Jsc=1000.000000 Tout=0.030312 Jout/Jsc=0.052602 Jout=52.602389 Wout=1.594463 Power=83.872544
Jsc=1000.000000 Tout=0.040415 Jout/Jsc=0.048845 Jout=48.845440 Wout=1.974111 Power=96.426336
Jsc=1000.000000 Tout=0.050519 Jout/Jsc=0.045589 Jout=45.589289 Wout=2.303141 Power=104.998541
Jsc=1000.000000 Tout=0.060623 Jout/Jsc=0.042740 Jout=42.740073 Wout=2.591040 Power=110.741243
Jsc=1000.000000 Tout=0.070727 Jout/Jsc=0.040226 Jout=40.226004 Wout=2.845067 Power=114.445690
Jsc=1000.000000 Tout=0.080831 Jout/Jsc=0.037991 Jout=37.991238 Wout=3.070867 Power=116.666053
Jsc=1000.000000 Tout=0.090935 Jout/Jsc=0.035992 Jout=35.991686 Wout=3.272897 Power=117.797077

Jsc=1000.000000 Tout=0.101039 Jout/Jsc=0.034192 Jout=34.192073 Wout=3.454721 Power=118.124088 <-- Maximum

Jsc=1000.000000 Tout=0.111143 Jout/Jsc=0.032564 Jout=32.563839 Wout=3.619228 Power=117.855947
Jsc=1000.000000 Tout=0.121246 Jout/Jsc=0.031084 Jout=31.083619 Wout=3.768777 Power=117.147230
Jsc=1000.000000 Tout=0.131350 Jout/Jsc=0.029732 Jout=29.732109 Wout=3.905321 Power=116.113418
Jsc=1000.000000 Tout=0.141454 Jout/Jsc=0.028493 Jout=28.493222 Wout=4.030484 Power=114.841478
Jsc=1000.000000 Tout=0.151558 Jout/Jsc=0.027353 Jout=27.353444 Wout=4.145633 Power=113.397347
Jsc=1000.000000 Tout=0.161662 Jout/Jsc=0.026301 Jout=26.301340 Wout=4.251924 Power=111.831292
Jsc=1000.000000 Tout=0.171766 Jout/Jsc=0.025327 Jout=25.327169 Wout=4.350340 Power=110.181793
Jsc=1000.000000 Tout=0.181870 Jout/Jsc=0.024423 Jout=24.422582 Wout=4.441725 Power=108.478401
Jsc=1000.000000 Tout=0.191973 Jout/Jsc=0.023580 Jout=23.580381 Wout=4.526808 Power=106.743845
Jsc=1000.000000 Tout=0.202077 Jout/Jsc=0.022794 Jout=22.794327 Wout=4.606217 Power=104.995613

Te=100.000000 Ts=0.100000 Jsc=10000.000000

Jsc=10000.000000 Tout=0.000000 Jout/Jsc=0.009201 Jout=92.011882 Wout=0.000000 Power=0.000000
Jsc=10000.000000 Tout=0.010011 Jout/Jsc=0.008365 Jout=83.646810 Wout=0.837351 Power=70.041748
Jsc=10000.000000 Tout=0.020021 Jout/Jsc=0.007668 Jout=76.675966 Wout=1.535138 Power=117.708199
Jsc=10000.000000 Tout=0.030032 Jout/Jsc=0.007078 Jout=70.777596 Wout=2.125569 Power=150.442685
Jsc=10000.000000 Tout=0.040042 Jout/Jsc=0.006572 Jout=65.721877 Wout=2.631650 Power=172.956990
Jsc=10000.000000 Tout=0.050053 Jout/Jsc=0.006134 Jout=61.340275 Wout=3.070251 Power=188.330061
Jsc=10000.000000 Tout=0.060063 Jout/Jsc=0.005751 Jout=57.506388 Wout=3.454026 Power=198.628538
Jsc=10000.000000 Tout=0.070074 Jout/Jsc=0.005412 Jout=54.123560 Wout=3.792649 Power=205.271644

Jsc=10000.000000 Tout=0.080084 Jout/Jsc=0.005112 Jout=51.116611 Wout=4.093646 Power=209.253297

Jsc=10000.000000 Tout=0.090095 Jout/Jsc=0.004843 Jout=48.426192 Wout=4.362958 Power=211.281443

Jsc=10000.000000 Tout=0.100106 Jout/Jsc=0.004600 Jout=46.004821 Wout=4.605338 Power=211.867768 <-- Maximum

Jsc=10000.000000 Tout=0.110116 Jout/Jsc=0.004381 Jout=43.814061 Wout=4.824634 Power=211.386827

Jsc=10000.000000 Tout=0.120127 Jout/Jsc=0.004182 Jout=41.822467 Wout=5.023994 Power=210.115816

Jsc=10000.000000 Tout=0.130137 Jout/Jsc=0.004000 Jout=40.004058 Wout=5.206017 Power=208.261818

Jsc=10000.000000 Tout=0.140148 Jout/Jsc=0.003834 Jout=38.337186 Wout=5.372872 Power=205.980787

Jsc=10000.000000 Tout=0.150158 Jout/Jsc=0.003680 Jout=36.803667 Wout=5.526378 Power=203.390962

Jsc=10000.000000 Tout=0.160169 Jout/Jsc=0.003539 Jout=35.388113 Wout=5.668075 Power=200.582482

Jsc=10000.000000 Tout=0.170179 Jout/Jsc=0.003408 Jout=34.077417 Wout=5.799276 Power=197.624353

Jsc=10000.000000 Tout=0.180190 Jout/Jsc=0.003286 Jout=32.860343 Wout=5.921106 Power=194.569566

Jsc=10000.000000 Tout=0.190201 Jout/Jsc=0.003173 Jout=31.727208 Wout=6.034533 Power=191.458879

Jsc=10000.000000 Tout=0.200211 Jout/Jsc=0.003067 Jout=30.669616 Wout=6.140398 Power=188.323652

Te=100.000000 Ts=0.100000 Jsc=100000.000000

Jsc=100000.000000 Tout=0.000000 Jout/Jsc=0.001151 Jout=115.117825 Wout=0.000000 Power=0.000000

Jsc=100000.000000 Tout=0.010001 Jout/Jsc=0.001047 Jout=104.652332 Wout=1.046654 Power=109.534783

Jsc=100000.000000 Tout=0.020002 Jout/Jsc=0.000959 Jout=95.931125 Wout=1.918862 Power=184.078598

Jsc=100000.000000 Tout=0.030004 Jout/Jsc=0.000886 Jout=88.551667 Wout=2.656882 Power=235.271306

Jsc=100000.000000 Tout=0.040005 Jout/Jsc=0.000822 Jout=82.226436 Wout=3.289468 Power=270.481241

Jsc=100000.000000 Tout=0.050006 Jout/Jsc=0.000767 Jout=76.744583 Wout=3.837708 Power=294.523323

Jsc=100000.000000 Tout=0.060007 Jout/Jsc=0.000719 Jout=71.947972 Wout=4.317417 Power=310.629425

Jsc=100000.000000 Tout=0.070009 Jout/Jsc=0.000677 Jout=67.715677 Wout=4.740689 Power=321.018982

Jsc=100000.000000 Tout=0.080010 Jout/Jsc=0.000640 Jout=63.953643 Wout=5.116930 Power=327.246333

Jsc=100000.000000 Tout=0.090011 Jout/Jsc=0.000606 Jout=60.587618 Wout=5.453567 Power=330.418602

Jsc=100000.000000 Tout=0.100012 Jout/Jsc=0.000576 Jout=57.558199 Wout=5.756539 Power=331.335998 <-- Maximum

Jsc=100000.000000 Tout=0.110014 Jout/Jsc=0.000548 Jout=54.817300 Wout=6.030656 Power=330.584279
Jsc=100000.000000 Tout=0.120015 Jout/Jsc=0.000523 Jout=52.325576 Wout=6.279853 Power=328.596943
Jsc=100000.000000 Tout=0.130016 Jout/Jsc=0.000501 Jout=50.050527 Wout=6.507381 Power=325.697848
Jsc=100000.000000 Tout=0.140017 Jout/Jsc=0.000480 Jout=47.965067 Wout=6.715948 Power=322.130888
Jsc=100000.000000 Tout=0.150019 Jout/Jsc=0.000460 Jout=46.046445 Wout=6.907829 Power=318.080979
Jsc=100000.000000 Tout=0.160020 Jout/Jsc=0.000443 Jout=44.275411 Wout=7.084950 Power=313.689089
Jsc=100000.000000 Tout=0.170021 Jout/Jsc=0.000426 Jout=42.635566 Wout=7.248951 Power=309.063140
Jsc=100000.000000 Tout=0.180022 Jout/Jsc=0.000411 Jout=41.112854 Wout=7.401238 Power=304.286004
Jsc=100000.000000 Tout=0.190024 Jout/Jsc=0.000397 Jout=39.695157 Wout=7.543022 Power=299.421425
Jsc=100000.000000 Tout=0.200025 Jout/Jsc=0.000384 Jout=38.371974 Wout=7.675353 Power=294.518450

Te=100.000000 Ts=0.100000 Jsc=1000000.000000

Jsc=1000000.000000 Tout=0.000000 Jout/Jsc=0.000138 Jout=138.153733 Wout=0.000000 Power=0.000000
Jsc=1000000.000000 Tout=0.010001 Jout/Jsc=0.000126 Jout=125.593773 Wout=1.256009 Power=157.746847
Jsc=1000000.000000 Tout=0.020001 Jout/Jsc=0.000115 Jout=115.127221 Wout=2.302674 Power=265.100479
Jsc=1000000.000000 Tout=0.030002 Jout/Jsc=0.000106 Jout=106.270965 Wout=3.188309 Power=338.824634
Jsc=1000000.000000 Tout=0.040002 Jout/Jsc=0.000099 Jout=98.679931 Wout=3.947420 Power=389.531099
Jsc=1000000.000000 Tout=0.050003 Jout/Jsc=0.000092 Jout=92.101065 Wout=4.605313 Power=424.154213
Jsc=1000000.000000 Tout=0.060003 Jout/Jsc=0.000086 Jout=86.344582 Wout=5.180967 Power=447.348419
Jsc=1000000.000000 Tout=0.070004 Jout/Jsc=0.000081 Jout=81.265351 Wout=5.688895 Power=462.310054
Jsc=1000000.000000 Tout=0.080005 Jout/Jsc=0.000077 Jout=76.750493 Wout=6.140385 Power=471.277605
Jsc=1000000.000000 Tout=0.090005 Jout/Jsc=0.000073 Jout=72.710894 Wout=6.544349 Power=475.845488

Jsc=1000000.000000 Tout=0.100006 Jout/Jsc=0.000069 Jout=69.075265 Wout=6.907916 Power=477.166117 <-- Maximum

Jsc=1000000.000000 Tout=0.110006 Jout/Jsc=0.000066 Jout=65.785895 Wout=7.236856 Power=476.083057
Jsc=1000000.000000 Tout=0.120007 Jout/Jsc=0.000063 Jout=62.795564 Wout=7.535892 Power=473.220602
Jsc=1000000.000000 Tout=0.130007 Jout/Jsc=0.000060 Jout=60.065267 Wout=7.808925 Power=469.045144
Jsc=1000000.000000 Tout=0.140008 Jout/Jsc=0.000058 Jout=57.562499 Wout=8.059204 Power=463.907919
Jsc=1000000.000000 Tout=0.150008 Jout/Jsc=0.000055 Jout=55.259956 Wout=8.289461 Power=458.075226

Jsc=1000000.000000 Tout=0.160009 Jout/Jsc=0.000053 Jout=53.134535 Wout=8.502005 Power=451.750072
Jsc=1000000.000000 Tout=0.170010 Jout/Jsc=0.000051 Jout=51.166556 Wout=8.698805 Power=445.087875
Jsc=1000000.000000 Tout=0.180010 Jout/Jsc=0.000049 Jout=49.339149 Wout=8.881547 Power=438.207978
Jsc=1000000.000000 Tout=0.190011 Jout/Jsc=0.000048 Jout=47.637772 Wout=9.051687 Power=431.202179
Jsc=1000000.000000 Tout=0.200011 Jout/Jsc=0.000046 Jout=46.049821 Wout=9.210483 Power=424.141107

Te=100.000000 Ts=1.000000 Jsc=1.000000

Jsc=1.000000 Tout=0.000000 Jout/Jsc=0.441128 Jout=0.441128 Wout=0.000000 Power=0.000000
Jsc=1.000000 Tout=0.156145 Jout/Jsc=0.402597 Jout=0.402597 Wout=0.062863 Power=0.025309
Jsc=1.000000 Tout=0.312290 Jout/Jsc=0.370026 Jout=0.370026 Wout=0.115555 Power=0.042758
Jsc=1.000000 Tout=0.468434 Jout/Jsc=0.342180 Jout=0.342180 Wout=0.160289 Power=0.054848
Jsc=1.000000 Tout=0.624579 Jout/Jsc=0.318131 Jout=0.318131 Wout=0.198698 Power=0.063212
Jsc=1.000000 Tout=0.780724 Jout/Jsc=0.297171 Jout=0.297171 Wout=0.232008 Power=0.068946
Jsc=1.000000 Tout=0.936869 Jout/Jsc=0.278753 Jout=0.278753 Wout=0.261155 Power=0.072798
Jsc=1.000000 Tout=1.093014 Jout/Jsc=0.262449 Jout=0.262449 Wout=0.286861 Power=0.075286
Jsc=1.000000 Tout=1.249158 Jout/Jsc=0.247922 Jout=0.247922 Wout=0.309693 Power=0.076780
Jsc=1.000000 Tout=1.405303 Jout/Jsc=0.234899 Jout=0.234899 Wout=0.330104 Power=0.077541

Jsc=1.000000 Tout=1.561448 Jout/Jsc=0.223161 Jout=0.223161 Wout=0.348453 Power=0.077761 <-- Maximum

Jsc=1.000000 Tout=1.717593 Jout/Jsc=0.212528 Jout=0.212528 Wout=0.365037 Power=0.077581
Jsc=1.000000 Tout=1.873737 Jout/Jsc=0.202854 Jout=0.202854 Wout=0.380096 Power=0.077104
Jsc=1.000000 Tout=2.029882 Jout/Jsc=0.194016 Jout=0.194016 Wout=0.393829 Power=0.076409
Jsc=1.000000 Tout=2.186027 Jout/Jsc=0.185910 Jout=0.185910 Wout=0.406404 Power=0.075554
Jsc=1.000000 Tout=2.342172 Jout/Jsc=0.178449 Jout=0.178449 Wout=0.417959 Power=0.074585
Jsc=1.000000 Tout=2.498317 Jout/Jsc=0.171561 Jout=0.171561 Wout=0.428614 Power=0.073533
Jsc=1.000000 Tout=2.654461 Jout/Jsc=0.165182 Jout=0.165182 Wout=0.438468 Power=0.072427
Jsc=1.000000 Tout=2.810606 Jout/Jsc=0.159257 Jout=0.159257 Wout=0.447610 Power=0.071285
Jsc=1.000000 Tout=2.966751 Jout/Jsc=0.153741 Jout=0.153741 Wout=0.456112 Power=0.070123
Jsc=1.000000 Tout=3.122896 Jout/Jsc=0.148593 Jout=0.148593 Wout=0.464039 Power=0.068953

Te=100.000000 Ts=1.000000 Jsc=10.000000

Jsc=10.000000 Tout=0.000000 Jout/Jsc=0.217511 Jout=2.175109 Wout=0.000000 Power=0.000000
Jsc=10.000000 Tout=0.110105 Jout/Jsc=0.197918 Jout=1.979179 Wout=0.217917 Power=0.431298
Jsc=10.000000 Tout=0.220210 Jout/Jsc=0.181536 Jout=1.815358 Wout=0.399760 Power=0.725707
Jsc=10.000000 Tout=0.330315 Jout/Jsc=0.167641 Jout=1.676410 Wout=0.553743 Power=0.928300
Jsc=10.000000 Tout=0.440420 Jout/Jsc=0.155710 Jout=1.557105 Wout=0.685780 Power=1.067831
Jsc=10.000000 Tout=0.550525 Jout/Jsc=0.145357 Jout=1.453575 Wout=0.800229 Power=1.163192
Jsc=10.000000 Tout=0.660630 Jout/Jsc=0.136290 Jout=1.362898 Wout=0.900371 Power=1.227114
Jsc=10.000000 Tout=0.770734 Jout/Jsc=0.128283 Jout=1.282831 Wout=0.988722 Power=1.268364
Jsc=10.000000 Tout=0.880839 Jout/Jsc=0.121162 Jout=1.211621 Wout=1.067244 Power=1.293095
Jsc=10.000000 Tout=0.990944 Jout/Jsc=0.114788 Jout=1.147880 Wout=1.137485 Power=1.305696

Jsc=10.000000 Tout=1.101049 Jout/Jsc=0.109049 Jout=1.090493 Wout=1.200687 Power=1.309341 <-- Maximum

Jsc=10.000000 Tout=1.211154 Jout/Jsc=0.103856 Jout=1.038559 Wout=1.257855 Power=1.306356
Jsc=10.000000 Tout=1.321259 Jout/Jsc=0.099134 Jout=0.991337 Wout=1.309813 Power=1.298465
Jsc=10.000000 Tout=1.431364 Jout/Jsc=0.094821 Jout=0.948214 Wout=1.357240 Power=1.286954
Jsc=10.000000 Tout=1.541469 Jout/Jsc=0.090868 Jout=0.908681 Wout=1.400703 Power=1.272793
Jsc=10.000000 Tout=1.651574 Jout/Jsc=0.087231 Jout=0.872307 Wout=1.440680 Power=1.256715
Jsc=10.000000 Tout=1.761679 Jout/Jsc=0.083873 Jout=0.838729 Wout=1.477572 Power=1.239283
Jsc=10.000000 Tout=1.871784 Jout/Jsc=0.080764 Jout=0.807638 Wout=1.511723 Power=1.220924
Jsc=10.000000 Tout=1.981889 Jout/Jsc=0.077877 Jout=0.778766 Wout=1.543427 Power=1.201968
Jsc=10.000000 Tout=2.091994 Jout/Jsc=0.075188 Jout=0.751885 Wout=1.572938 Power=1.182668
Jsc=10.000000 Tout=2.202099 Jout/Jsc=0.072680 Jout=0.726796 Wout=1.600475 Power=1.163218

Te=100.000000 Ts=1.000000 Jsc=100.000000

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Jsc=100.000000 Tout=0.101014 Jout/Jsc=0.041531 Jout=4.153135 Wout=0.419524 Power=1.742339

Jsc=100.000000 Tout=0.202028 Jout/Jsc=0.038071 Jout=3.807090 Wout=0.769137 Power=2.928174

Jsc=100.000000 Tout=0.303041 Jout/Jsc=0.035143 Jout=3.514268 Wout=1.064969 Power=3.742585

Jsc=100.000000 Tout=0.404055 Jout/Jsc=0.032633 Jout=3.263268 Wout=1.318540 Power=4.302751

Jsc=100.000000 Tout=0.505069 Jout/Jsc=0.030457 Jout=3.045729 Wout=1.538303 Power=4.685256

Jsc=100.000000 Tout=0.606083 Jout/Jsc=0.028554 Jout=2.855379 Wout=1.730596 Power=4.941507

Jsc=100.000000 Tout=0.707097 Jout/Jsc=0.026874 Jout=2.687420 Wout=1.900265 Power=5.106811

Jsc=100.000000 Tout=0.808110 Jout/Jsc=0.025381 Jout=2.538121 Wout=2.051082 Power=5.205895

Jsc=100.000000 Tout=0.909124 Jout/Jsc=0.024045 Jout=2.404537 Wout=2.186023 Power=5.256372

Jsc=100.000000 Tout=1.010138 Jout/Jsc=0.022843 Jout=2.284310 Wout=2.307468 Power=5.270974 <-- Maximum

Jsc=100.000000 Tout=1.111152 Jout/Jsc=0.021755 Jout=2.175533 Wout=2.417347 Power=5.259019

Jsc=100.000000 Tout=1.212166 Jout/Jsc=0.020766 Jout=2.076644 Wout=2.517237 Power=5.227405

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Jsc=100.000000 Tout=1.616221 Jout/Jsc=0.017572 Jout=1.757155 Wout=2.839951 Power=4.990235

Jsc=100.000000 Tout=1.717235 Jout/Jsc=0.016921 Jout=1.692074 Wout=2.905688 Power=4.916640

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Jsc=1000.000000 Tout=0.200202 Jout/Jsc=0.005751 Jout=5.751468 Wout=1.151456 Power=6.622559
Jsc=1000.000000 Tout=0.300303 Jout/Jsc=0.005309 Jout=5.309045 Wout=1.594322 Power=8.464330
Jsc=1000.000000 Tout=0.400404 Jout/Jsc=0.004930 Jout=4.929826 Wout=1.973922 Power=9.731094
Jsc=1000.000000 Tout=0.500505 Jout/Jsc=0.004601 Jout=4.601170 Wout=2.302909 Power=10.596074
Jsc=1000.000000 Tout=0.600606 Jout/Jsc=0.004314 Jout=4.313595 Wout=2.590772 Power=11.175540
Jsc=1000.000000 Tout=0.700707 Jout/Jsc=0.004060 Jout=4.059853 Wout=2.844768 Power=11.549341
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Jsc=1000.000000 Tout=1.401414 Jout/Jsc=0.002876 Jout=2.875726 Wout=4.030083 Power=11.589413
Jsc=1000.000000 Tout=1.501515 Jout/Jsc=0.002761 Jout=2.760696 Wout=4.145228 Power=11.443714
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Jsc=1000.000000 Tout=1.901919 Jout/Jsc=0.002380 Jout=2.379909 Wout=4.526396 Power=10.772412
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Jsc=10000.000000 Tout=1.600172 Jout/Jsc=0.000354 Jout=3.542103 Wout=5.667974 Power=20.076547
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Output File (SS.txt)

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Ts=0.100000 Tout=0.265010 Jout/Jsc=0.493168 Jout=4.931680 Wout=1.306943 Power=6.445425 Jsc=10.000000

Ts=0.100000 Tout=0.112452 Jout/Jsc=0.206443 Jout=20.644266 Wout=2.321491 Power=47.925475 Jsc=100.000000
Ts=0.100000 Tout=0.101039 Jout/Jsc=0.034192 Jout=34.192073 Wout=3.454721 Power=118.124088 Jsc=1000.000000
Ts=0.100000 Tout=0.100106 Jout/Jsc=0.004600 Jout=46.004821 Wout=4.605338 Power=211.867768 Jsc=10000.000000
Ts=0.100000 Tout=0.100012 Jout/Jsc=0.000576 Jout=57.558199 Wout=5.756539 Power=331.335998 Jsc=100000.000000
Ts=0.100000 Tout=0.100006 Jout/Jsc=0.000069 Jout=69.075265 Wout=6.907916 Power=477.166117 Jsc=1000000.000000

Ts=1.000000 Tout=1.561448 Jout/Jsc=0.223161 Jout=0.223161 Wout=0.348453 Power=0.077761 Jsc=1.000000
Ts=1.000000 Tout=1.101049 Jout/Jsc=0.109049 Jout=1.090493 Wout=1.200687 Power=1.309341 Jsc=10.000000
Ts=1.000000 Tout=1.010138 Jout/Jsc=0.022843 Jout=2.284310 Wout=2.307468 Power=5.270974 Jsc=100.000000
Ts=1.000000 Tout=1.001010 Jout/Jsc=0.003451 Jout=3.450873 Wout=3.454359 Power=11.920555 Jsc=1000.000000
Ts=1.000000 Tout=1.000108 Jout/Jsc=0.000460 Jout=4.604738 Wout=4.605233 Power=21.205890 Jsc=10000.000000
Ts=1.000000 Tout=1.000016 Jout/Jsc=0.000058 Jout=5.756392 Wout=5.756484 Power=33.136583 Jsc=100000.000000
Ts=1.000000 Tout=1.000009 Jout/Jsc=0.000007 Jout=6.907720 Wout=6.907785 Power=47.717041 Jsc=1000000.000000

End of Output File (SS.txt)

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