```
----------------------------------
A0 =   100.0000
M0 =   100.0000
M1/2 =   100.0000
tanb =     4.0000
----------------------------------



                      ***  mu > 0   ***


 1  MASS =    .51099905383027004D-03
    LOG =   -25.75492037182897300
    PARTIAL SUM =    .66372984927110246D-24

 2  MASS =    .10568501113319613D+00
    LOG =   -15.09121913690035500
    PARTIAL SUM =    .73926124126864747D-15

 3  MASS =    .17481159473059773D+01
    LOG =    -9.47955752020756040
    PARTIAL SUM =    .36621137065630916D-10

 4  MASS =    .49999998720205267D-02
    LOG =   -21.19326951738393200
    PARTIAL SUM =    .15197226853432111D-19

 5  MASS =    .12999999667253370D+01
    LOG =   -10.07190625535287900
    PARTIAL SUM =    .35413232759958341D-10

 6  MASS =    .16594225572876780D+03
    LOG =     -.37335499152681506
    PARTIAL SUM =    .15220725078712793D-02

 7  MASS =    .10000001053432003D-01
    LOG =   -19.80697489438586300
    PARTIAL SUM =    .22830177053389287D-18

 8  MASS =    .20000002106864007D+00
    LOG =   -13.81551034727788100
    PARTIAL SUM =    .26256627390761121D-13

 9  MASS =    .38258461228168494D+01
    LOG =    -7.91307543030595540
    PARTIAL SUM =    .21608709716576114D-08

10  MASS =    .80796944055183445D+02
    LOG =    -1.81275644567087200
    PARTIAL SUM =   -.75635651876701371D-04

11  MASS =    .92197469885576211D+02
    LOG =    -1.54876935590024960
    PARTIAL SUM =   -.59010309747644233D-04

12  MASS =    .48056130964541602D+02
    LOG =    -2.85189528751078970
    PARTIAL SUM =    .41448584066178521D-05
```



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13  MASS =    .48056130964541616D+02
    LOG =    -2.85189528751078920
    PARTIAL SUM =    .41448584066178572D-05

14  MASS =    .22911345687523550D+03
    LOG =     .27179991836788414
    PARTIAL SUM =    .60437649546591764D-03

15  MASS =    .22911345687523556D+03
    LOG =     .27179991836788481
    PARTIAL SUM =    .60437649546591840D-03

16  MASS =    .55075203075494521D+02
    LOG =    -2.57923557322556190
    PARTIAL SUM =    .67025377235916791D-05

17  MASS =    .26460955241581392D+02
    LOG =    -4.04529421433627960
    PARTIAL SUM =    .48549271554357820D-06

18  MASS =    .23006958268725444D+03
    LOG =     .28012886008799498
    PARTIAL SUM =    .61036107288417766D-03

19  MASS =    .19953800103448435D+03
    LOG =     -.00462533396305887
    PARTIAL SUM =    .42595810920759440D-03

20  MASS =    .10416801883404655D+03
    LOG =    -1.30462441063418330
    PARTIAL SUM =   -.58972342527624845D-04

21  MASS =    .10416801883404655D+03
    LOG =    -1.30462441063418330
    PARTIAL SUM =   -.58972342527624845D-04

22  MASS =    .10403092543965825D+03
    LOG =    -1.30725830322533980
    PARTIAL SUM =   -.58717597108134429D-04

23  MASS =    .11436507550320427D+03
    LOG =    -1.11784323654780590
    PARTIAL SUM =   -.79974838623983506D-04

24  MASS =    .12888407579984749D+03
    LOG =     -.87880800682665328
    PARTIAL SUM =   -.11721750963415459D-03

25  MASS =    .11435322786994705D+03
    LOG =    -1.11805043698770270
    PARTIAL SUM =   -.79948031175807284D-04

26  MASS =    .12889467445740081D+03
    LOG =     -.87864354551944734
    PARTIAL SUM =   -.11724796484788741D-03

27  MASS =    .11134122237799251D+03
    LOG =    -1.17143561013461150
    PARTIAL SUM =   -.73317002802878456D-04

28  MASS =    .13120032630357002D+03
    LOG =     -.84318400594249177
```

```
    PARTIAL SUM =   -.12398870011918797D-03

29  MASS =    .27551944841761537D+03
    LOG =      .64068170544148295
    PARTIAL SUM =   -.26528971056205735D-02

30  MASS =    .27825740236415174D+03
    LOG =      .66045845307823825
    PARTIAL SUM =   -.26964129608901635D-02

31  MASS =    .27518670164244560D+03
    LOG =      .63826483164679948
    PARTIAL SUM =   -.26475300338495806D-02

32  MASS =    .27859254766732550D+03
    LOG =      .66286589043993271
    PARTIAL SUM =   -.27016577071059143D-02

33  MASS =    .16406810672341081D+03
    LOG =     -.39607148006379561
    PARTIAL SUM =   -.73605230781898087D-03

34  MASS =    .36490394289323018D+03
    LOG =     1.20263356448716090
    PARTIAL SUM =   -.28246424270310056D-02

35  MASS =    .27810855010153250D+03
    LOG =      .65938827784187692
    PARTIAL SUM =   -.26940776700934590D-02

36  MASS =    .28842214751336161D+03
    LOG =      .73221566068669885
    PARTIAL SUM =   -.28464986413303394D-02

37  MASS =    .27808899031586583D+03
    LOG =      .65924760993701670
    PARTIAL SUM =   -.26937705361254624D-02

38  MASS =    .28844114491680108D+03
    LOG =      .73234738966786750
    PARTIAL SUM =   -.28467601695804290D-02

39  MASS =    .28077334642329964D+03
    LOG =      .67846076190694926
    PARTIAL SUM =   -.27353262322909262D-02

40  MASS =    .25556470374993776D+03
    LOG =      .49031650934928855
    PARTIAL SUM =   -.23075230788732149D-02

41  MASS =    .23681697785893209D+03
    LOG =      .33794046186222959
    PARTIAL SUM =   -.32635162109279368D-03

42  MASS =    .47900004816188549D+02
    LOG =    -2.85840352316887360
    PARTIAL SUM =   -.20486875190222343D-05

43  MASS =    .23681697785893209D+03
    LOG =      .33794046186222959
    PARTIAL SUM =   -.32635162109279368D-03
```



```
 44  MASS =    .47900004816188549D+02
     LOG =    -2.85840352316887360
     PARTIAL SUM =   -.20486875190222343D-05

 45  MASS =    .22260771568795468D+03
     LOG =      .21418746672732566
     PARTIAL SUM =   -.28193212416472211D-03

 46  MASS =    .22742997640663737D+03
     LOG =      .25705005689854693
     PARTIAL SUM =   -.29692756744713588D-03

 47  MASS =    .63527188330420117D+02
     LOG =    -2.29369877920218810
     PARTIAL SUM =   -.55170565804785242D-05

 48  MASS =    .47900633728779184D+02
     LOG =    -2.85837726394554490
     PARTIAL SUM =   -.20487827718174516D-05

TOTAL CF =     -.02874675264870987


                        ***  mu < 0   ***



  1  MASS =    .51099900704574489D-03
     LOG =   -25.75492055493901200
     PARTIAL SUM =    .73898478158036550D-24

  2  MASS =    .10568500145720353D+00
     LOG =   -15.09121932001039200
     PARTIAL SUM =    .82308006769425112D-15

  3  MASS =    .17671536325308990D+01
     LOG =    -9.45789446316972080
     PARTIAL SUM =    .42494692786081634D-10

  4  MASS =    .49999998871260347D-02
     LOG =   -21.19326951134173200
     PARTIAL SUM =    .16920323154607184D-19

  5  MASS =    .12999999706527690D+01
     LOG =   -10.07190624931067700
     PARTIAL SUM =    .39428465987474837D-10

  6  MASS =    .16615221407148357D+03
     LOG =     -.37082609219505686
     PARTIAL SUM =    .17009421917830545D-02

  7  MASS =    .10000000137881774D-01
     LOG =   -19.80697507749589900
     PARTIAL SUM =    .25418705296151872D-18

  8  MASS =    .20000000275763549D+00
     LOG =   -13.81551053038791800
     PARTIAL SUM =    .29233653089928424D-13

  9  MASS =    .39147565329930396D+01
     LOG =    -7.86712845458227330
     PARTIAL SUM =    .26245636535041106D-08
```

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10  MASS =    .80980013513317246D+02
    LOG =    -1.80822997814350980
    PARTIAL SUM =   -.84861104667782877D-04

11  MASS =    .92317402967287379D+02
    LOG =    -1.54616938990841680
    PARTIAL SUM =   -.65987241986874553D-04

12  MASS =    .77296183158166201D+02
    LOG =    -1.90134557834060060
    PARTIAL SUM =    .24141447661322516D-04

13  MASS =    .77296183158166244D+02
    LOG =    -1.90134557834059950
    PARTIAL SUM =    .24141447661322574D-04

14  MASS =    .22832556653080903D+03
    LOG =     .26491033454802493
    PARTIAL SUM =    .66741661987840934D-03

15  MASS =    .22832556653080903D+03
    LOG =     .26491033454802493
    PARTIAL SUM =    .66741661987840934D-03

16  MASS =    .39653468876461446D+02
    LOG =    -3.23627786973492530
    PARTIAL SUM =    .23283178556860224D-05

17  MASS =    .76555763318749797D+02
    LOG =    -1.92059591797280270
    PARTIAL SUM =    .23361121664292351D-04

18  MASS =    .21587267975391239D+03
    LOG =     .15274284352208944
    PARTIAL SUM =    .58173016433937178D-03

19  MASS =    .22146941444227141D+03
    LOG =     .20393425924128114
    PARTIAL SUM =    .61995820799469979D-03

20  MASS =    .10432141376634060D+03
    LOG =    -1.30168143250700830
    PARTIAL SUM =   -.65977060394430676D-04

21  MASS =    .10432141376634060D+03
    LOG =    -1.30168143250700830
    PARTIAL SUM =   -.65977060394430676D-04

22  MASS =    .10417979733304932D+03
    LOG =    -1.30439827917320830
    PARTIAL SUM =   -.65683166084158363D-04

23  MASS =    .11434716225750311D+03
    LOG =    -1.11815652534972210
    PARTIAL SUM =   -.88997442327645135D-04

24  MASS =    .12910932752537678D+03
    LOG =     -.87531564183031563
    PARTIAL SUM =   -.13122970685839320D-03

25  MASS =    .11434182804846149D+03
```



```
    LOG =    -1.11824982602039210
    PARTIAL SUM =   -.88984007757504492D-04

26  MASS =    .12911413813774095D+03
    LOG =     -.87524112323685843
    PARTIAL SUM =   -.13124514885970976D-03

27  MASS =    .11271359496583521D+03
    LOG =    -1.14693464617900510
    PARTIAL SUM =   -.84943231537003860D-04

28  MASS =    .13021985961509213D+03
    LOG =     -.85818623359879898
    PARTIAL SUM =   -.13482404252155794D-03

29  MASS =    .28744612184826650D+03
    LOG =      .72543614772094145
    PARTIAL SUM =   -.31541667424374938D-02

30  MASS =    .28998916893503463D+03
    LOG =      .74305241447026060
    PARTIAL SUM =   -.31929677046155540D-02

31  MASS =    .28721571598769600D+03
    LOG =      .72383238106899650
    PARTIAL SUM =   -.31505757747320386D-02

32  MASS =    .29022319601431417D+03
    LOG =      .74466580367813229
    PARTIAL SUM =   -.31964597261701054D-02

33  MASS =    .21122182885888387D+03
    LOG =      .10918307256516802
    PARTIAL SUM =   -.16513030032214307D-02

34  MASS =    .35523641669530315D+03
    LOG =     1.14893232758944720
    PARTIAL SUM =   -.33347430100497655D-02

35  MASS =    .28993384146991650D+03
    LOG =      .74267079508773348
    PARTIAL SUM =   -.31921401621260500D-02

36  MASS =    .29979989709655393D+03
    LOG =      .80959575176017662
    PARTIAL SUM =   -.33268328508187909D-02

37  MASS =    .28993306089414250D+03
    LOG =      .74266541057090174
    PARTIAL SUM =   -.31921284815229693D-02

38  MASS =    .29980078507095777D+03
    LOG =      .80960167553198215
    PARTIAL SUM =   -.33268437207874609D-02

39  MASS =    .28939918717281745D+03
    LOG =      .73897927796404339
    PARTIAL SUM =   -.31841045465587151D-02

40  MASS =    .26988125741016034D+03
    LOG =      .59932941669146755
    PARTIAL SUM =   -.28500894245383278D-02
```

```
 41  MASS =    .24289356628370305D+03
     LOG =      .38861196402101533
     PARTIAL SUM =   -.38457417866897127D-03

 42  MASS =    .42303781570817506D+02
     LOG =    -3.10688177130869740
     PARTIAL SUM =   -.14668111047179414D-05

 43  MASS =    .24289356628370305D+03
     LOG =      .38861196402101533
     PARTIAL SUM =   -.38457417866897127D-03

 44  MASS =    .42303781570817506D+02
     LOG =    -3.10688177130869740
     PARTIAL SUM =   -.14668111047179414D-05

 45  MASS =    .22900204905232076D+03
     LOG =      .27082716958580028
     PARTIAL SUM =   -.33606306454787925D-03

 46  MASS =    .23329526901486352D+03
     LOG =      .30797506745243047
     PARTIAL SUM =   -.35104227844517428D-03

 47  MASS =    .68889276118378106D+02
     LOG =    -2.13163368957537220
     PARTIAL SUM =   -.81312793095966549D-05

 48  MASS =    .42332333410223988D+02
     LOG =    -3.10553237853489210
     PARTIAL SUM =   -.14703442579945224D-05

TOTAL CF =     -.03491841446184278

> > > > > > > > > > > > > > > > > > > > > > > > > > > > > > > > > > > > > > >

-----------------------------------
A0 =   600.0000
M0 =   600.0000
M1/2 =   600.0000
tanb =     4.0000
-----------------------------------



                      ***  mu > 0   ***



  1  MASS =    .51099606816433247D-03
     LOG =   -25.75493205746572300
     PARTIAL SUM =    .24343952036321992D-26

  2  MASS =    .10568439363667537D+00
     LOG =   -15.09123082253710300
     PARTIAL SUM =    .27114262193998274D-17

  3  MASS =    .17634076639934952D+01
     LOG =    -9.46213851348179350
     PARTIAL SUM =    .13886152395932162D-12
```



```
  4  MASS =    .49999722672189155D-02
     LOG =   -21.19328055933534600
     PARTIAL SUM =    .55739704893394299D-22

  5  MASS =    .12999927894769179D+01
     LOG =   -10.07191729730429100
     PARTIAL SUM =    .12988712252983015D-12

  6  MASS =    .15746295895123117D+03
     LOG =     -.47825423440764625
     PARTIAL SUM =    .47796130415772006D-05

  7  MASS =    .99999426254128183D-02
     LOG =   -19.80698658002261000
     PARTIAL SUM =    .83735393594077881D-21

  8  MASS =    .19999885250825636D+00
     LOG =   -13.81552203291462900
     PARTIAL SUM =    .96302779237852562D-16

  9  MASS =    .35700138234725700D+01
     LOG =    -8.05149579728563580
     PARTIAL SUM =    .60974462502329978D-11

 10  MASS =    .79624737411193991D+02
     LOG =    -1.84198510095949430
     PARTIAL SUM =   -.26397546704167040D-06

 11  MASS =    .91210749035598155D+02
     LOG =    -1.57028922836104500
     PARTIAL SUM =   -.20878552562881576D-06

 12  MASS =    .45193355170953254D+03
     LOG =     1.63043558597011030
     PARTIAL SUM =   -.35640204122918143D-05

 13  MASS =    .45193355170953254D+03
     LOG =     1.63043558597011030
     PARTIAL SUM =   -.35640204122918143D-05

 14  MASS =    .94823988743201494D+03
     LOG =     3.11258029902130940
     PARTIAL SUM =   -.85396481910748434D-03

 15  MASS =    .94823988743201483D+03
     LOG =     3.11258029902130890
     PARTIAL SUM =   -.85396481910748380D-03

 16  MASS =    .24237569520737691D+03
     LOG =      .38434323064744247
     PARTIAL SUM =    .25219276681743193D-05

 17  MASS =    .45202084949400802D+03
     LOG =     1.63082187883900120
     PARTIAL SUM =   -.35773382072006056D-05

 18  MASS =    .94909010857853957D+03
     LOG =     3.11437275727627230
     PARTIAL SUM =   -.85798433640304854D-03

 19  MASS =    .93910842360839558D+03
```

```
     LOG =     3.09322714619201240
     PARTIAL SUM =   -.81168289178803566D-03

20   MASS =    .71802180095229028D+03
     LOG =     2.55636513096505700
     PARTIAL SUM =    .18391211149772365D-03

21   MASS =    .71802180095229028D+03
     LOG =     2.55636513096505700
     PARTIAL SUM =    .18391211149772365D-03

22   MASS =    .71732100248735037D+03
     LOG =     2.55441215215345440
     PARTIAL SUM =    .18285647351236347D-03

23   MASS =    .63994058132633916D+03
     LOG =     2.32611592763606060
     PARTIAL SUM =    .90749732127095759D-04

24   MASS =    .72190685811515846D+03
     LOG =     2.56715751728442500
     PARTIAL SUM =    .18984490616847177D-03

25   MASS =    .63993884491522385D+03
     LOG =     2.32611050084013060
     PARTIAL SUM =    .90748151038927980D-04

26   MASS =    .72190841283948293D+03
     LOG =     2.56716182455102840
     PARTIAL SUM =    .18984730786034259D-03

27   MASS =    .63787441486896796D+03
     LOG =     2.31964811104534930
     PARTIAL SUM =    .88882021709018637D-04

28   MASS =    .72163654842109759D+03
     LOG =     2.56640850012014350
     PARTIAL SUM =    .18942767589538134D-03

29   MASS =    .14445557013789771D+04
     LOG =     3.95447942724963750
     PARTIAL SUM =    .21002141111200266D-01

30   MASS =    .14808859836825757D+04
     LOG =     4.00415691744292430
     PARTIAL SUM =    .23665464604850590D-01

31   MASS =    .14445301696106151D+04
     LOG =     3.95444407798069490
     PARTIAL SUM =    .21000353892794803D-01

32   MASS =    .14809120298151581D+04
     LOG =     4.00419209355211870
     PARTIAL SUM =    .23667462035571310D-01

33   MASS =    .10425105498628845D+04
     LOG =     3.30213941369253220
     PARTIAL SUM =    .41828975180729817D-02

34   MASS =    .13594544215082180D+04
     LOG =     3.83304274207975390
     PARTIAL SUM =    .15658433295188120D-01
```



```
35   MASS =    .14409632388312973D+04
     LOG =     3.94949943650517010
     PARTIAL SUM =    .20751808674833099D-01

36   MASS =    .14827735947579285D+04
     LOG =     4.00670459376085390
     PARTIAL SUM =    .23810555959516564D-01

37   MASS =    .14409587414584862D+04
     LOG =     3.94949319431979260
     PARTIAL SUM =    .20751496720935951D-01

38   MASS =    .14827779922119130D+04
     LOG =     4.00671052514171940
     PARTIAL SUM =    .23810894761506180D-01

39   MASS =    .14374974517996168D+04
     LOG =     3.94468326692152260
     PARTIAL SUM =    .20512469059976141D-01

40   MASS =    .13174558903314078D+04
     LOG =     3.77028086696532050
     PARTIAL SUM =    .13439741893783139D-01

41   MASS =    .12213372218361114D+04
     LOG =     3.61876850878116580
     PARTIAL SUM =    .15439798778219954D-02

42   MASS =    .47914979362547371D+03
     LOG =     1.74739180706399380
     PARTIAL SUM =    .42705743697917724D-05

43   MASS =    .12213372218361114D+04
     LOG =     3.61876850878116580
     PARTIAL SUM =    .15439798778219954D-02

44   MASS =    .47914979362547371D+03
     LOG =     1.74739180706399380
     PARTIAL SUM =    .42705743697917724D-05

45   MASS =    .12195297734996141D+04
     LOG =     3.61580653064747490
     PARTIAL SUM =    .15327147555077266D-02

46   MASS =    .12187392273745206D+04
     LOG =     3.61450963329527750
     PARTIAL SUM =    .15278073057313484D-02

47   MASS =    .47243357396481719D+03
     LOG =     1.71915957260286060
     PARTIAL SUM =    .35755200187357009D-05

48   MASS =    .47915062186981294D+03
     LOG =     1.74739526420259360
     PARTIAL SUM =    .42706635767232785D-05

TOTAL CF =      .23642729570939983


                        ***  mu < 0   ***
```

```
 1  MASS =    .51099727658403650D-03
    LOG =   -25.75492732780790200
    PARTIAL SUM =    .24273958795699541D-26

 2  MASS =    .10568464356248035D+00
    LOG =   -15.09122609287928400
    PARTIAL SUM =    .27036300797888625D-17

 3  MASS =    .17857189005714753D+01
    LOG =    -9.43699257395681810
    PARTIAL SUM =    .14526852890869371D-12

 4  MASS =    .49999826840844263D-02
    LOG =   -21.19327639257037200
    PARTIAL SUM =    .55579380085798061D-22

 5  MASS =    .12999954978619508D+01
    LOG =   -10.07191313053931700
    PARTIAL SUM =    .12951350372675945D-12

 6  MASS =    .15755148461765441D+03
    LOG =     -.47713015047358265
    PARTIAL SUM =    .47738388370866109D-05

 7  MASS =    .99999662735942036D-02
    LOG =   -19.80698185036479200
    PARTIAL SUM =    .83494635232078102D-21

 8  MASS =    .19999932547188407D+00
    LOG =   -13.81551730325681000
    PARTIAL SUM =    .96025878436019919D-16

 9  MASS =    .36764115338464030D+01
    LOG =    -7.99276043356936940
    PARTIAL SUM =    .67956577007725334D-11

10  MASS =    .79610477625158012D+02
    LOG =    -1.84234330780641380
    PARTIAL SUM =   -.26305373541144595D-06

11  MASS =    .91192262860715530D+02
    LOG =    -1.57069462024035240
    PARTIAL SUM =   -.20804203893638453D-06

12  MASS =    .46008033273170867D+03
    LOG =     1.66616748812245240
    PARTIAL SUM =   -.48626383832528332D-05

13  MASS =    .46008033273170872D+03
    LOG =     1.66616748812245290
    PARTIAL SUM =   -.48626383832528366D-05

14  MASS =    .94557614672671207D+03
    LOG =     3.10695410848561870
    PARTIAL SUM =   -.83903630084501940D-03

15  MASS =    .94557614672671218D+03
    LOG =     3.10695410848561910
    PARTIAL SUM =   -.83903630084501972D-03
```



```
16  MASS =    .24445530817025880D+03
    LOG =      .40143027397861158
    PARTIAL SUM =    .25622220208283127D-05

17  MASS =    .46006463447845056D+03
    LOG =     1.66609924560059320
    PARTIAL SUM =   -.48599780102386995D-05

18  MASS =    .94302303266683987D+03
    LOG =     3.10154668134487820
    PARTIAL SUM =   -.82721813520410410D-03

19  MASS =    .94332177934416768D+03
    LOG =     3.10218017460215200
    PARTIAL SUM =   -.82859449537523930D-03

20  MASS =    .71805615717151659D+03
    LOG =     2.55646082554497230
    PARTIAL SUM =    .18343334431810275D-03

21  MASS =    .71805615717151659D+03
    LOG =     2.55646082554497230
    PARTIAL SUM =    .18343334431810275D-03

22  MASS =    .71733709044562954D+03
    LOG =     2.55445700732377910
    PARTIAL SUM =    .18235314977600197D-03

23  MASS =    .63994374638182080D+03
    LOG =     2.32612581932834090
    PARTIAL SUM =    .90490843745824886D-04

24  MASS =    .72193964155598394D+03
    LOG =     2.56724833979454070
    PARTIAL SUM =    .18934781161417406D-03

25  MASS =    .63994315099918458D+03
    LOG =     2.32612395859318520
    PARTIAL SUM =    .90490303170001496D-04

26  MASS =    .72194018478706619D+03
    LOG =     2.56724984471502630
    PARTIAL SUM =    .18934864852084878D-03

27  MASS =    .63814496437216485D+03
    LOG =     2.32049621574235280
    PARTIAL SUM =    .88867960404139695D-04

28  MASS =    .72137809212294019D+03
    LOG =     2.56569206580642280
    PARTIAL SUM =    .18848412258967284D-03

29  MASS =    .14456561294207172D+04
    LOG =     3.95600239948743180
    PARTIAL SUM =    .21018479400037229D-01

30  MASS =    .14819634453369720D+04
    LOG =     4.00561154647852560
    PARTIAL SUM =    .23679700543914346D-01

31  MASS =    .14456406198389552D+04
    LOG =     3.95598094256604730
```

```
    PARTIAL SUM =    .21017393815122402D-01

32  MASS =    .14819797151260027D+04
    LOG =     4.00563350342999240
    PARTIAL SUM =    .23680947951769192D-01

33  MASS =    .10639231442613775D+04
    LOG =     3.34280213581516690
    PARTIAL SUM =    .46262833829233798D-02

34  MASS =    .13441917925582425D+04
    LOG =     3.81046169430058600
    PARTIAL SUM =    .14779380454054648D-01

35  MASS =    .14420673979608437D+04
    LOG =     3.95103137885699820
    PARTIAL SUM =    .20768426996217993D-01

36  MASS =    .14838490000812644D+04
    LOG =     4.00815460007080480
    PARTIAL SUM =    .23824600939363082D-01

37  MASS =    .14420672511672176D+04
    LOG =     3.95103117526924090
    PARTIAL SUM =    .20768416814756777D-01

38  MASS =    .14838491696308672D+04
    LOG =     4.00815482859755260
    PARTIAL SUM =    .23824613999226474D-01

39  MASS =    .14378856775881347D+04
    LOG =     3.94522333518151580
    PARTIAL SUM =    .20479929723740284D-01

40  MASS =    .13187739893661114D+04
    LOG =     3.77228084299881060
    PARTIAL SUM =    .13466539129181639D-01

41  MASS =    .11990524844628865D+04
    LOG =     3.58193912210358120
    PARTIAL SUM =    .14053420717598448D-02

42  MASS =    .41766231276715780D+03
    LOG =     1.47271175057036530
    PARTIAL SUM =   -.27116777697967576D-06

43  MASS =    .11990524844628865D+04
    LOG =     3.58193912210358120
    PARTIAL SUM =    .14053420717598448D-02

44  MASS =    .41766231276715780D+03
    LOG =     1.47271175057036530
    PARTIAL SUM =   -.27116777697967576D-06

45  MASS =    .11970245428898963D+04
    LOG =     3.57855368493430690
    PARTIAL SUM =    .13935890150597234D-02

46  MASS =    .11964159269108288D+04
    LOG =     3.57753654496385080
    PARTIAL SUM =    .13900763797397629D-02
```



```
 47  MASS =    .40939528897167884D+03
     LOG =     1.43272759892045890
     PARTIAL SUM =   -.61711988500714262D-06

 48  MASS =    .41768869427241407D+03
     LOG =     1.47283807593559590
     PARTIAL SUM =   -.26998066345602079D-06

TOTAL CF =      .23557227726608909

> > > > > > > > > > > > > > > > > > > > > > > > > > > > > > > > > > > > > > >
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