Program Complot
(Version 2018-1)
by
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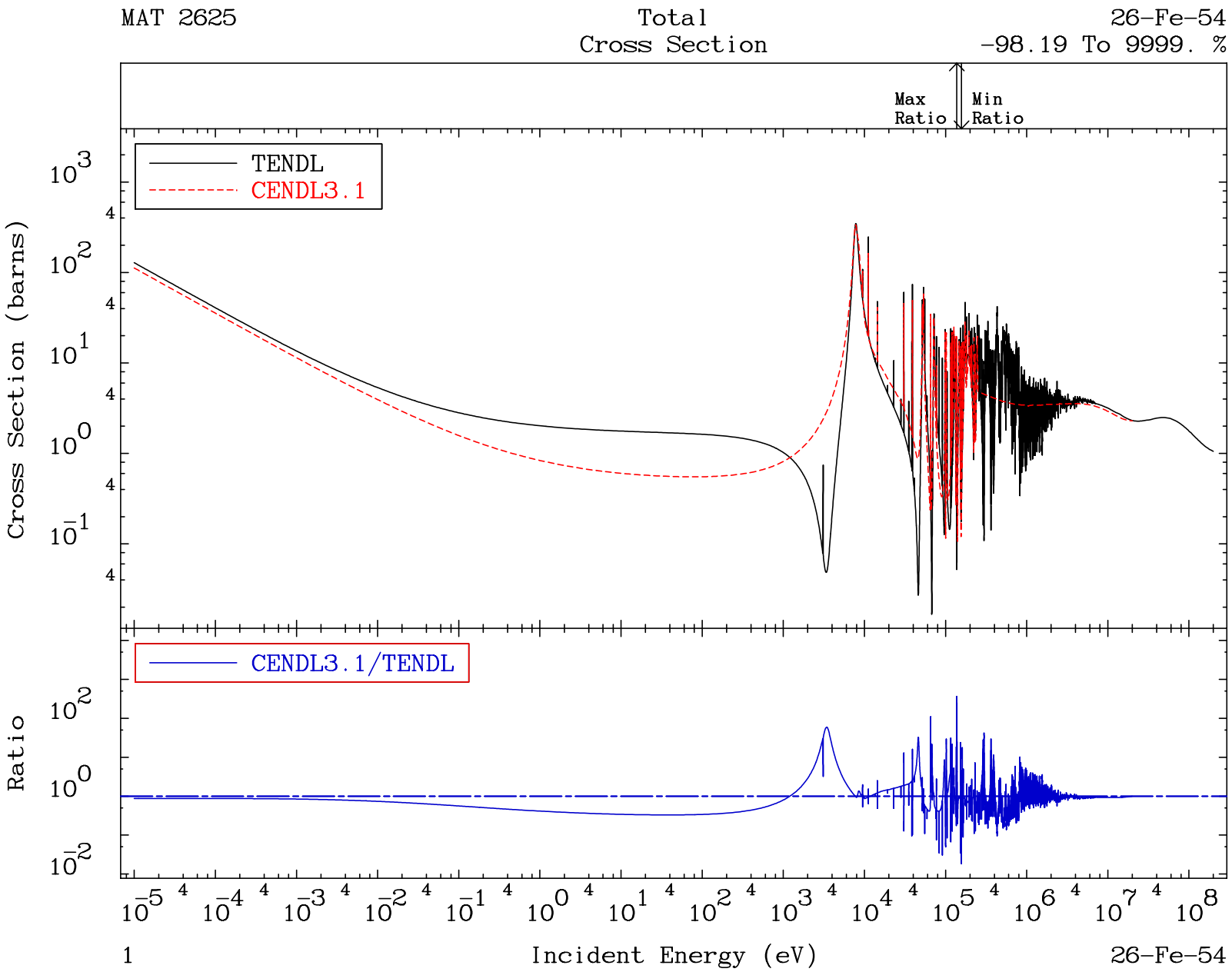
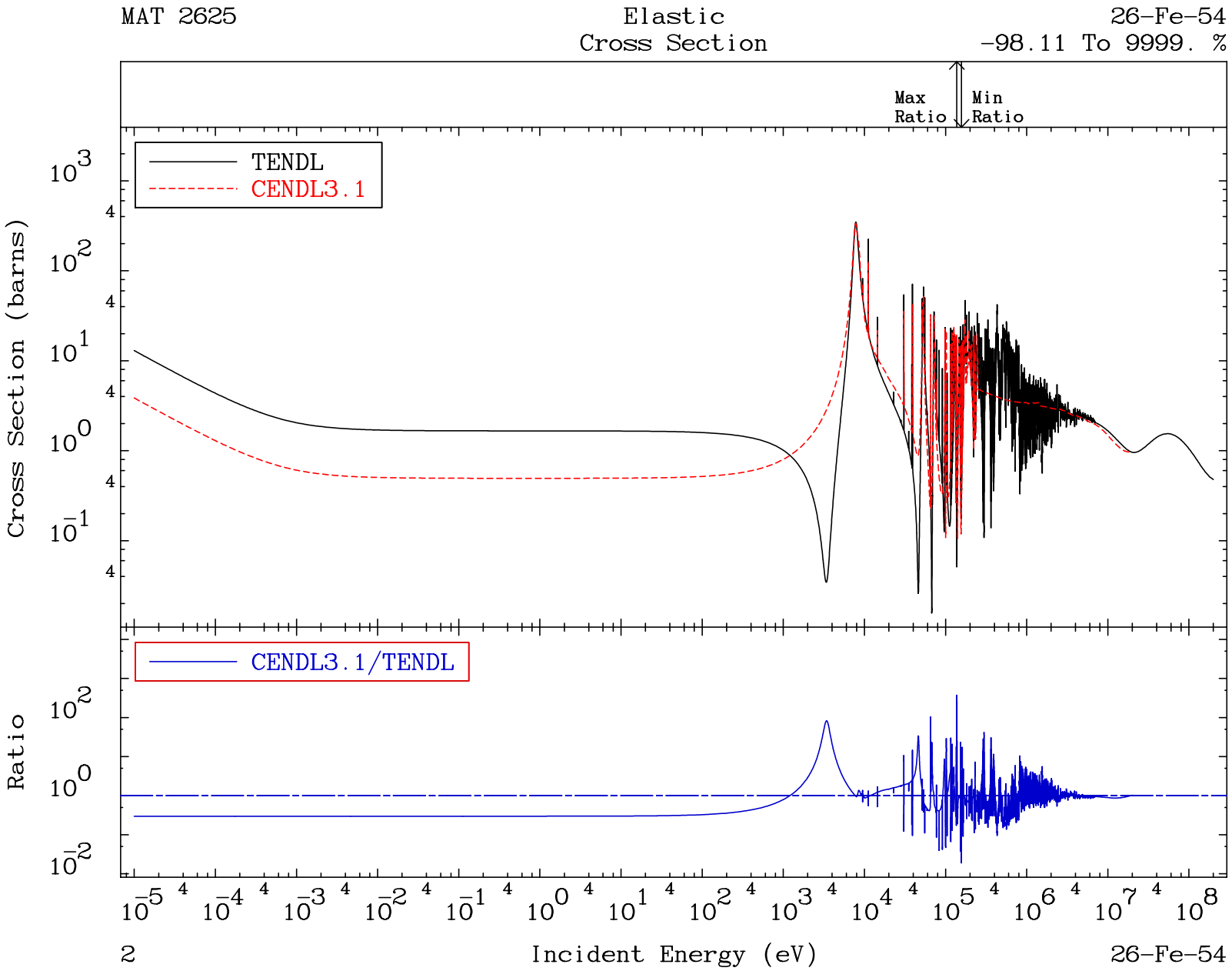
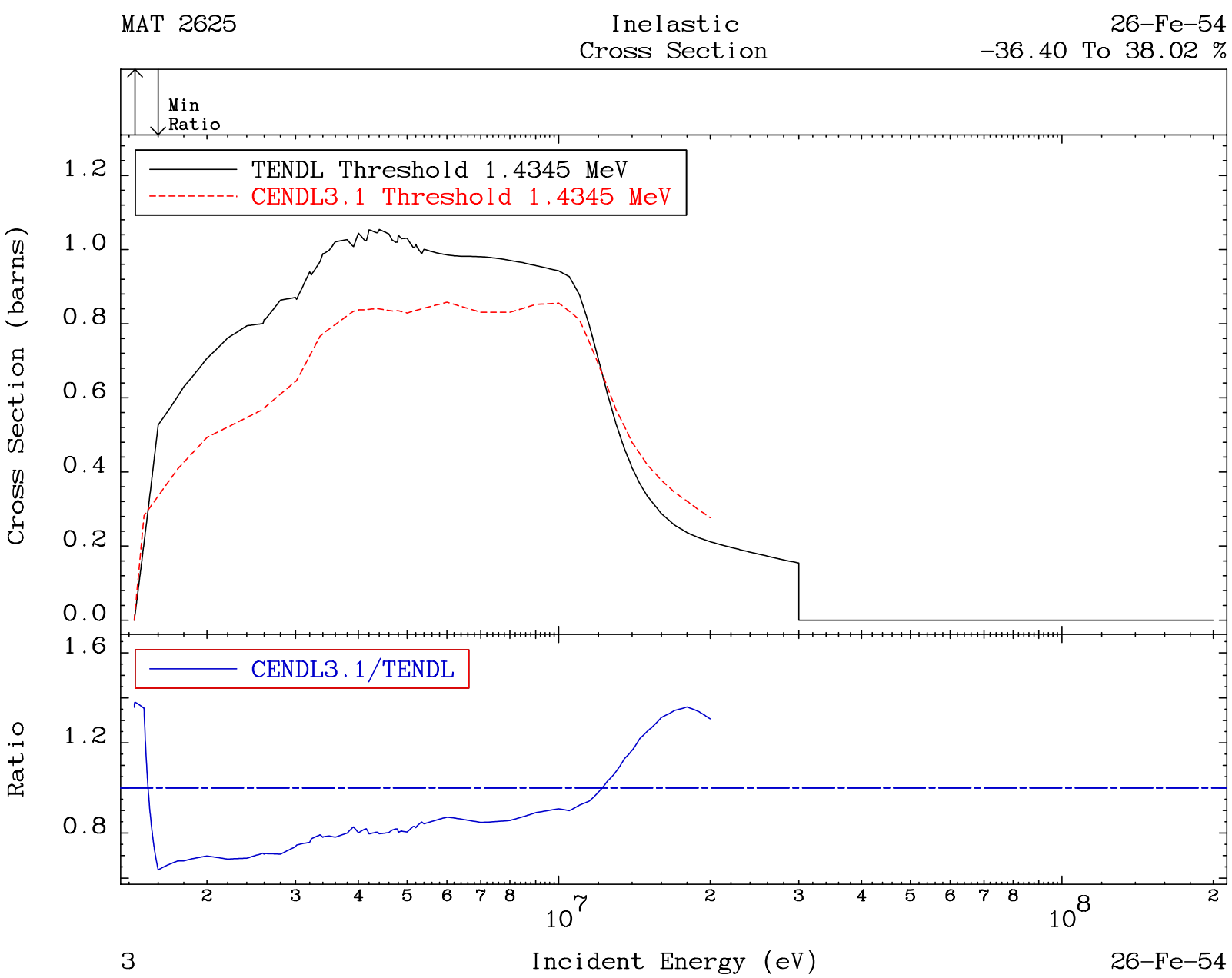
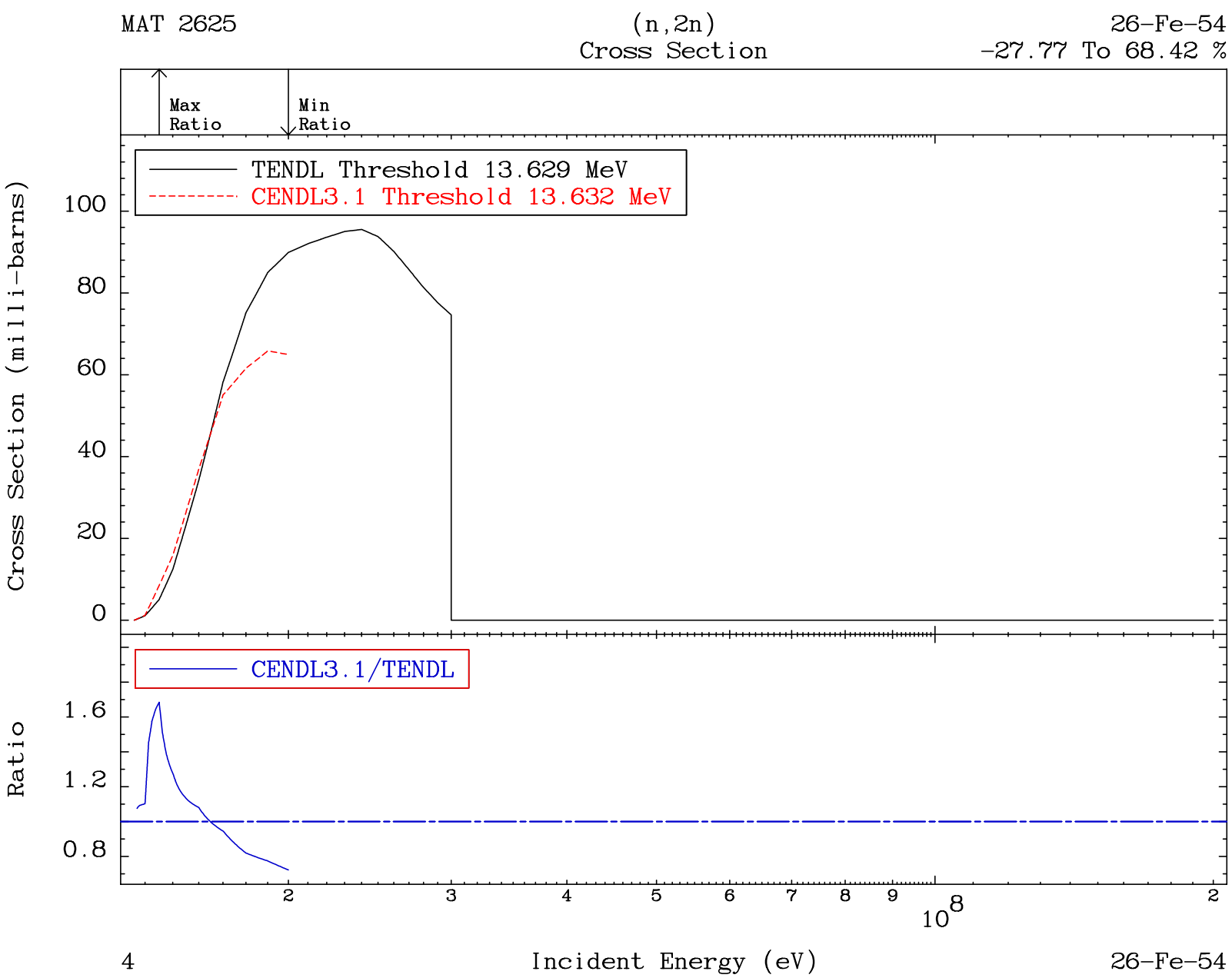
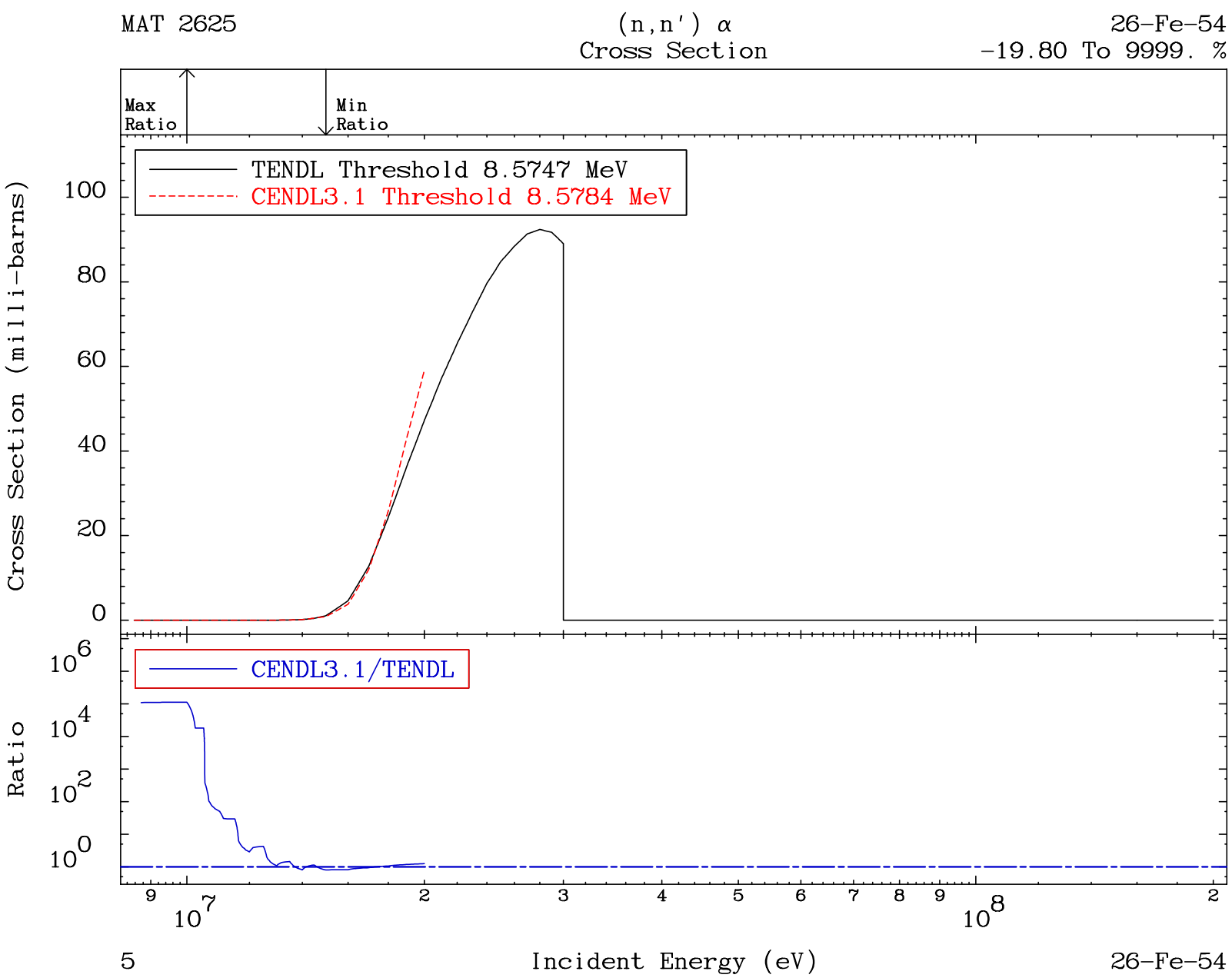
Press Mouse Button to Start

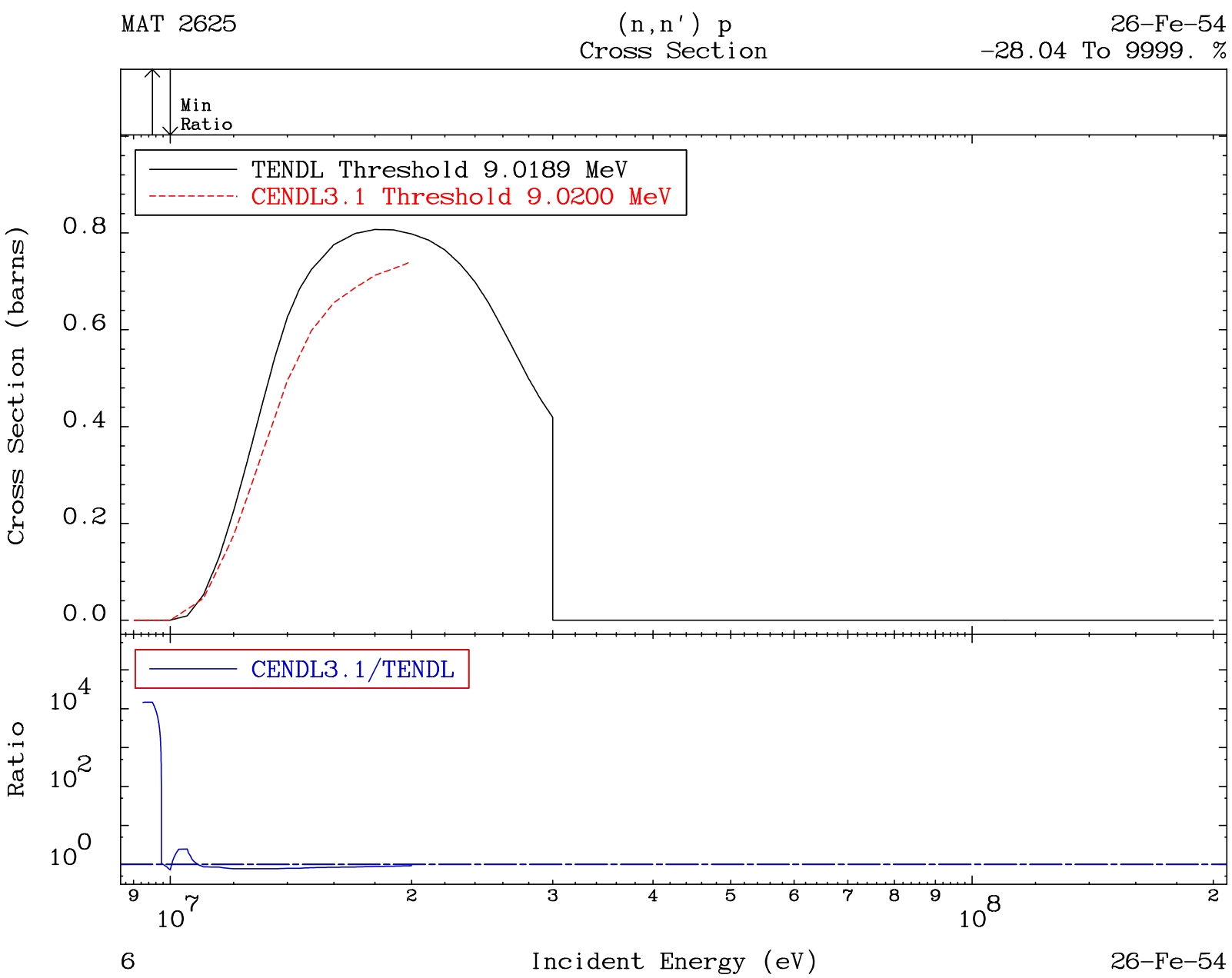

MAT 2625
Total
Cross Section
26-Fe-54
-98.19 To 9999. %
Max Ratio
Min Ratio
TENDL
CENDL3.1
Cross Section (barns)
CENDL3.1/TENDL
Ratio
Incident Energy (eV)
1
26-Fe-54

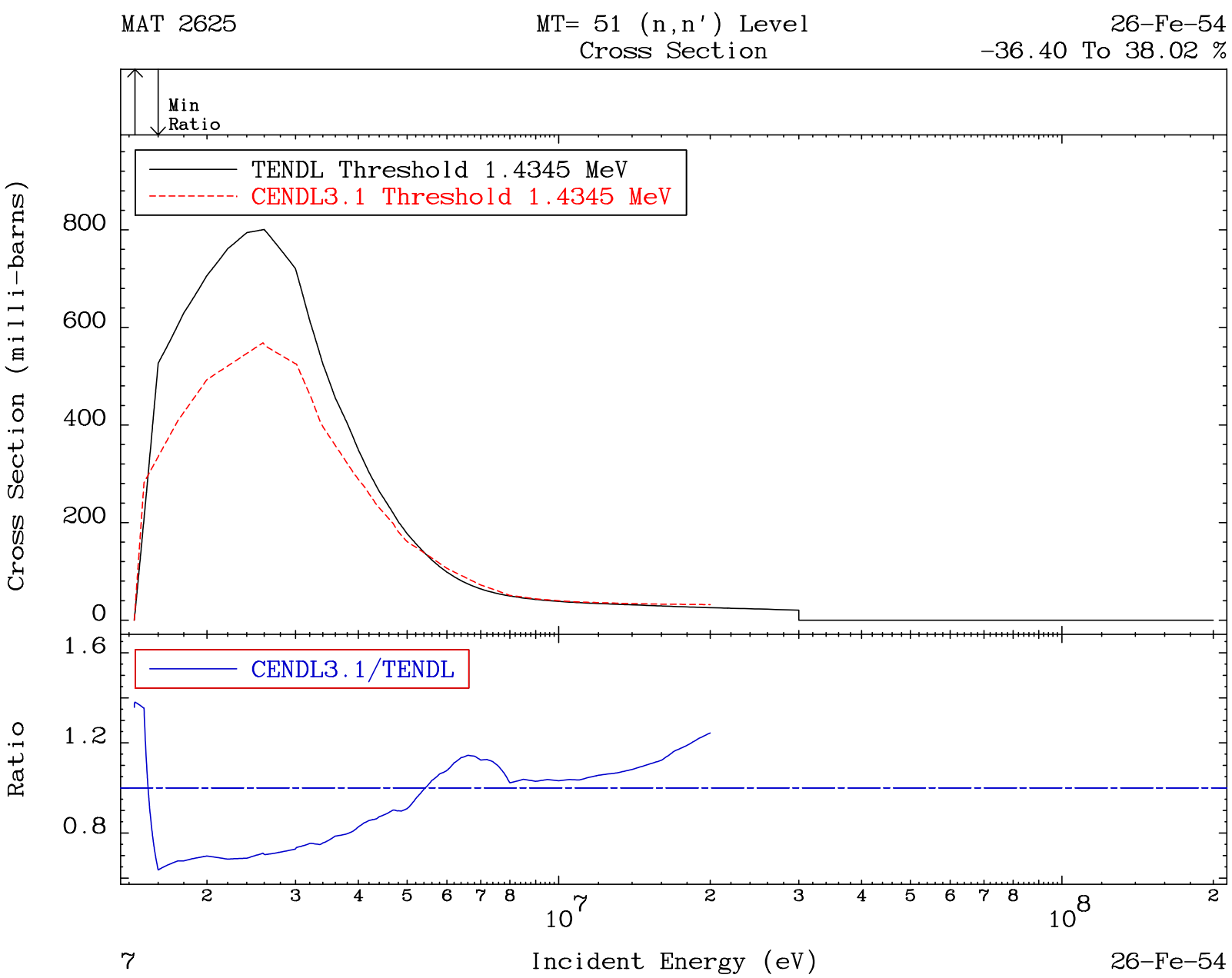

MAT 2625
Elastic
Cross Section
26-Fe-54
-98.11 To 9999. %
Max Ratio
Min Ratio
TENDL
CENDL3.1
Cross Section (barns)
CENDL3.1/TENDL
Ratio
Incident Energy (eV)
2
26-Fe-54

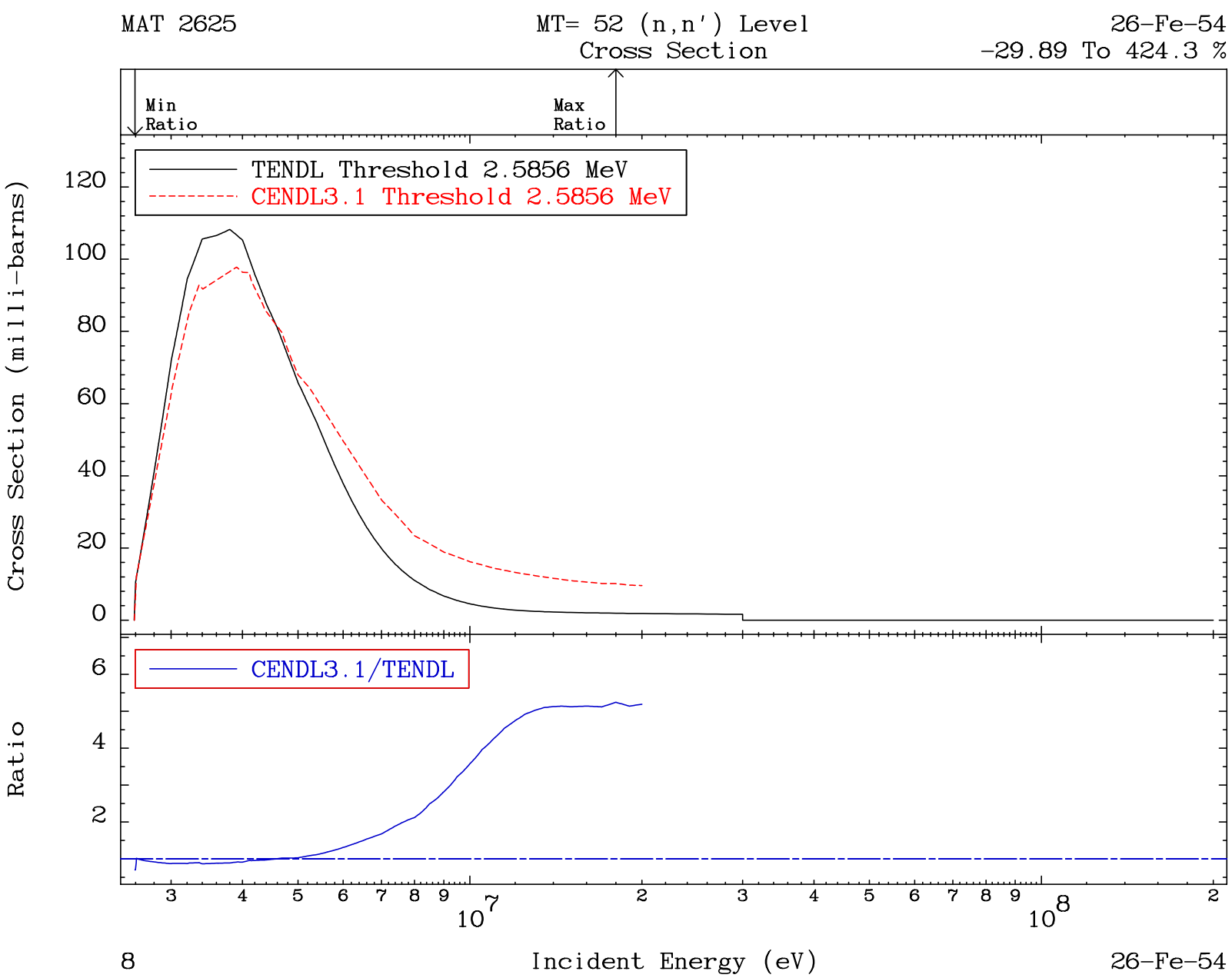

MAT 2625
Inelastic
Cross Section
26-Fe-54
-36.40 To 38.02 %
Min
Ratio
TENDL Threshold 1.4345 MeV
CENDL3.1 Threshold 1.4345 MeV
Cross Section (barns)
1.2
1.0
0.8
0.6
0.4
0.2
0.0
CENDL3.1/TENDL
Ratio
1.6
1.2
0.8
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
3
Incident Energy (eV)
26-Fe-54

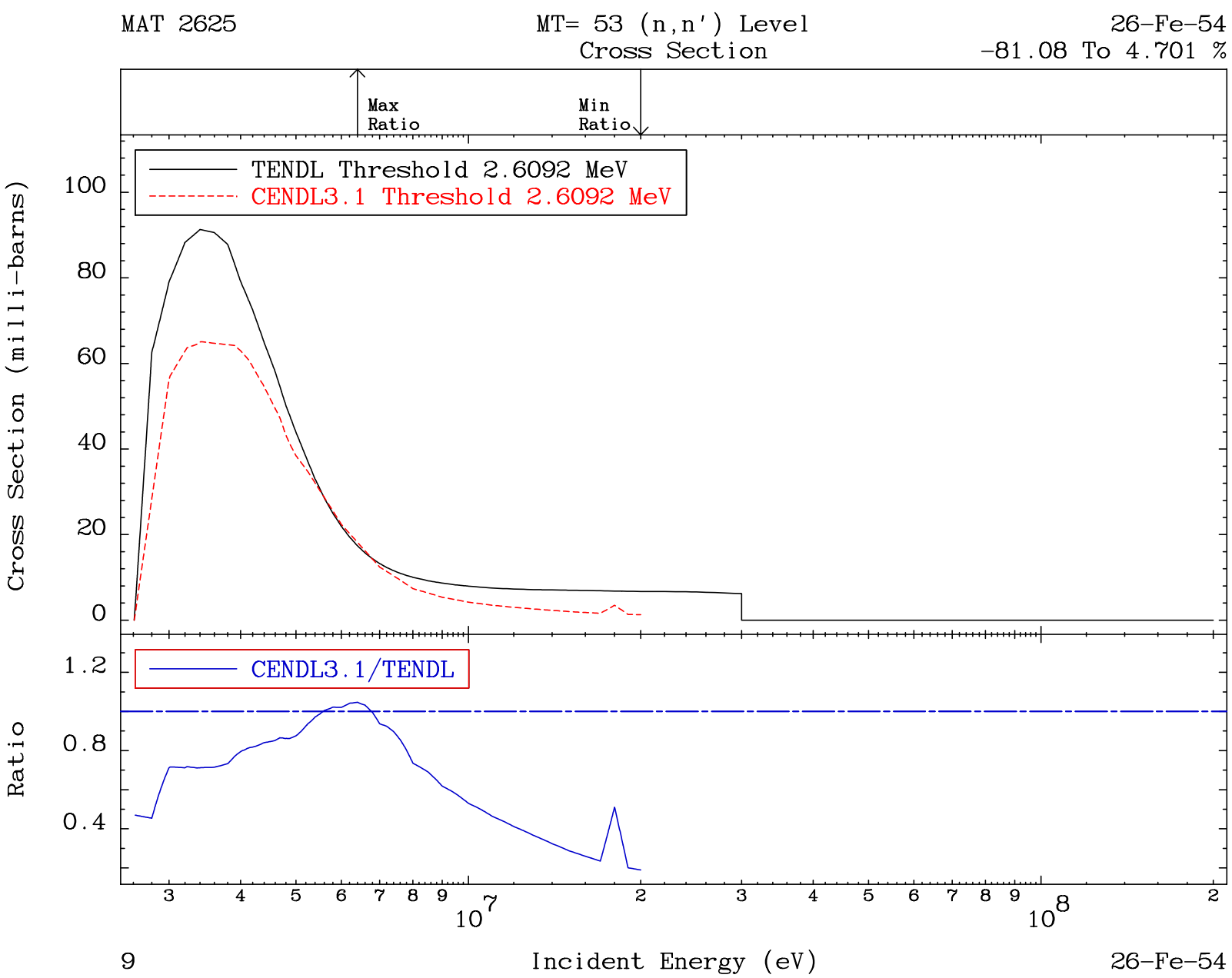

MAT 2625
(n,2n)
Cross Section
26-Fe-54
-27.77 To 68.42 %
Max Ratio
Min Ratio
TENDL Threshold 13.629 MeV
CENDL3.1 Threshold 13.632 MeV
Cross Section (milli-barns)
100
80
60
40
20
0
CENDL3.1/TENDL
Ratio
1.6
1.2
0.8
2
3
4
5
6
7
8
9
10^8
2
4
Incident Energy (eV)
26-Fe-54

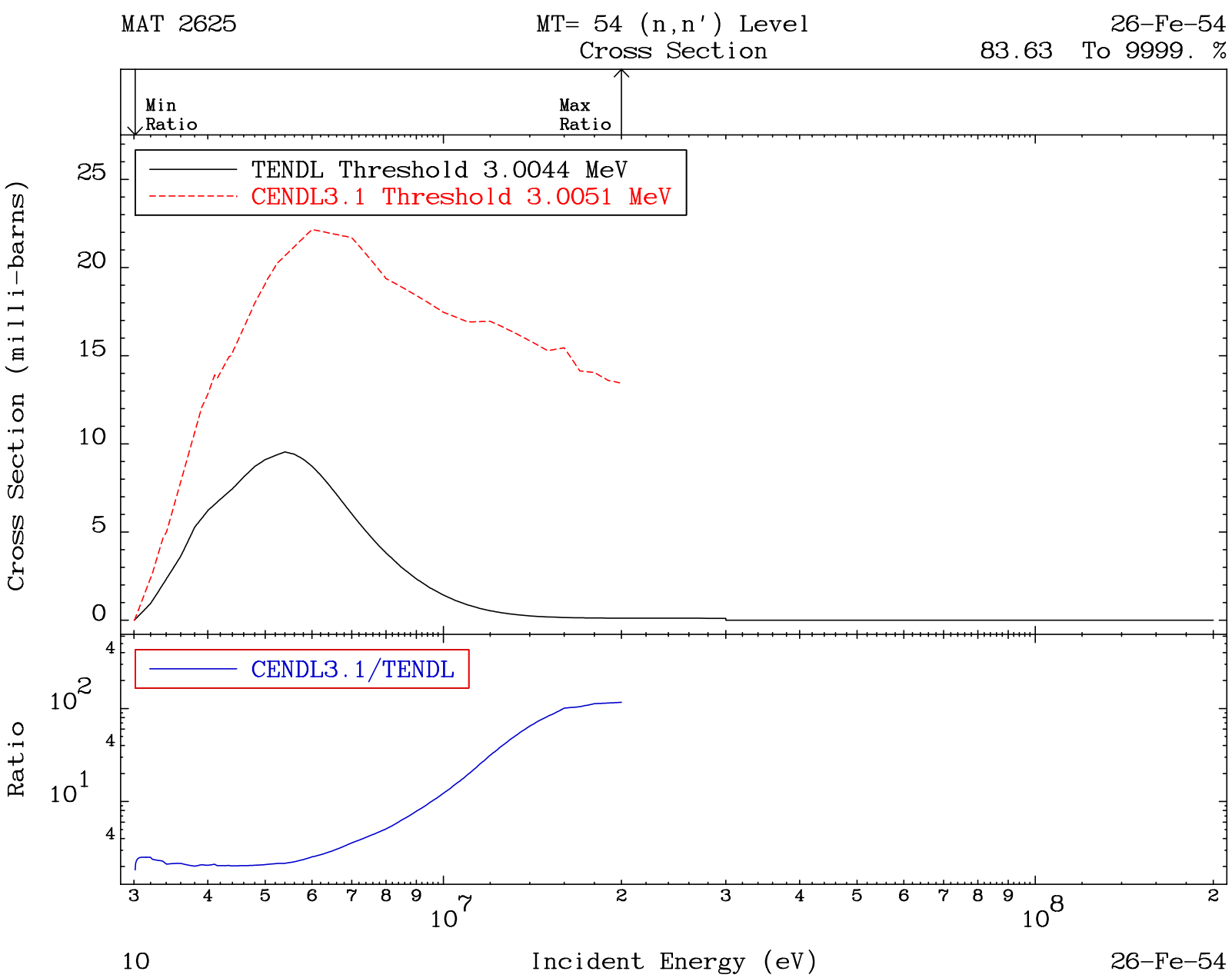

MAT 2625
(n,n') α
Cross Section
26-Fe-54
-19.80 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 8.5747 MeV
CENDL3.1 Threshold 8.5784 MeV
Cross Section (milli-barns)
100
80
60
40
20
0
CENDL3.1/TENDL
Ratio
10^6
10^4
10^2
10^0
9
10^7
2
3
4
5
6
7
8
9
10^8
2
5
Incident Energy (eV)
26-Fe-54

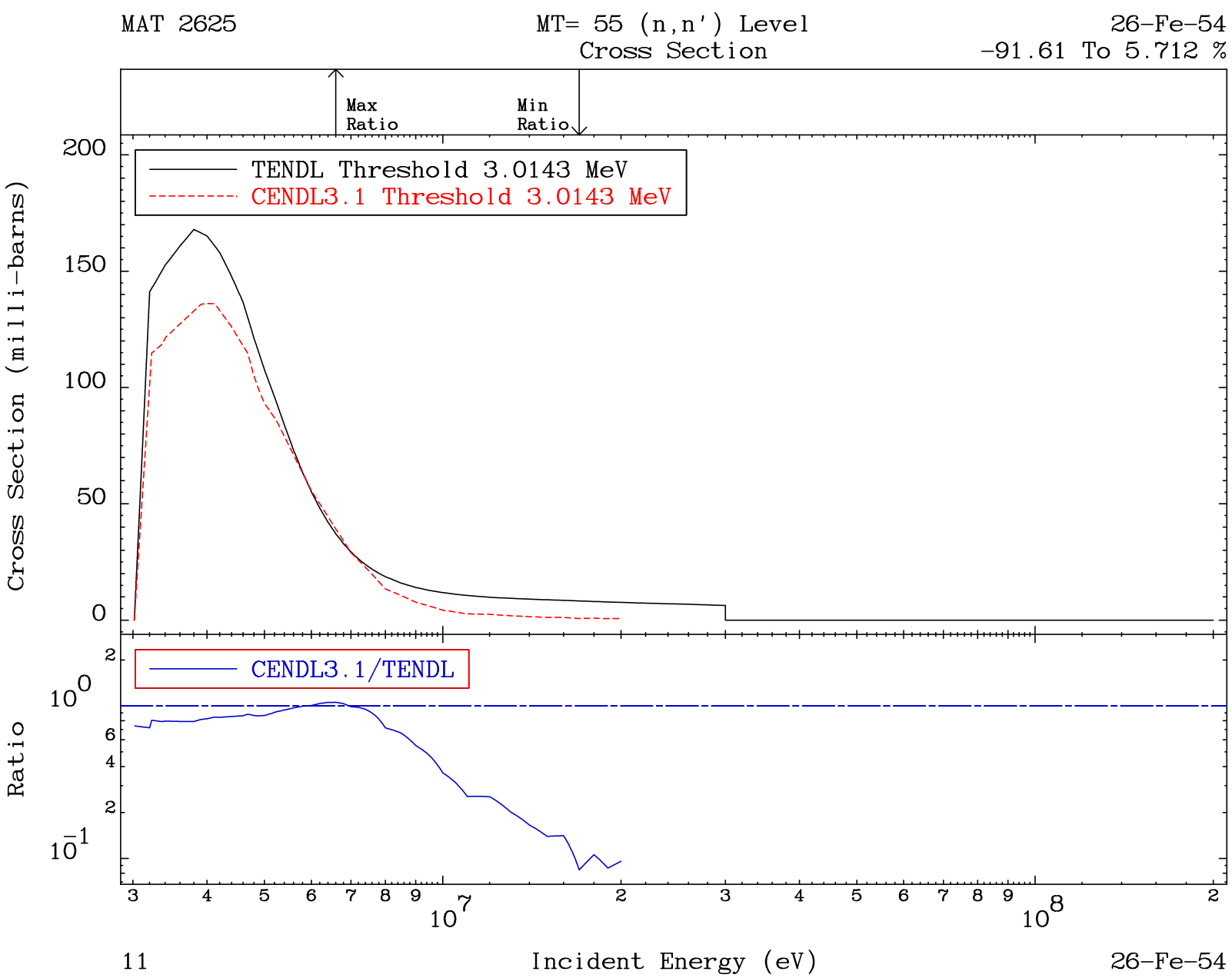

MAT 2625
(n,n') p
Cross Section
26-Fe-54
-28.04 To 9999. %
Min
Ratio
TENDL Threshold 9.0189 MeV
CENDL3.1 Threshold 9.0200 MeV
Cross Section (barns)
0.0
0.2
0.4
0.6
0.8
CENDL3.1/TENDL
Ratio
10^0
10^2
10^4
9
10^7
2
3
4
5
6
7
8
9
10^8
2
6
Incident Energy (eV)
26-Fe-54

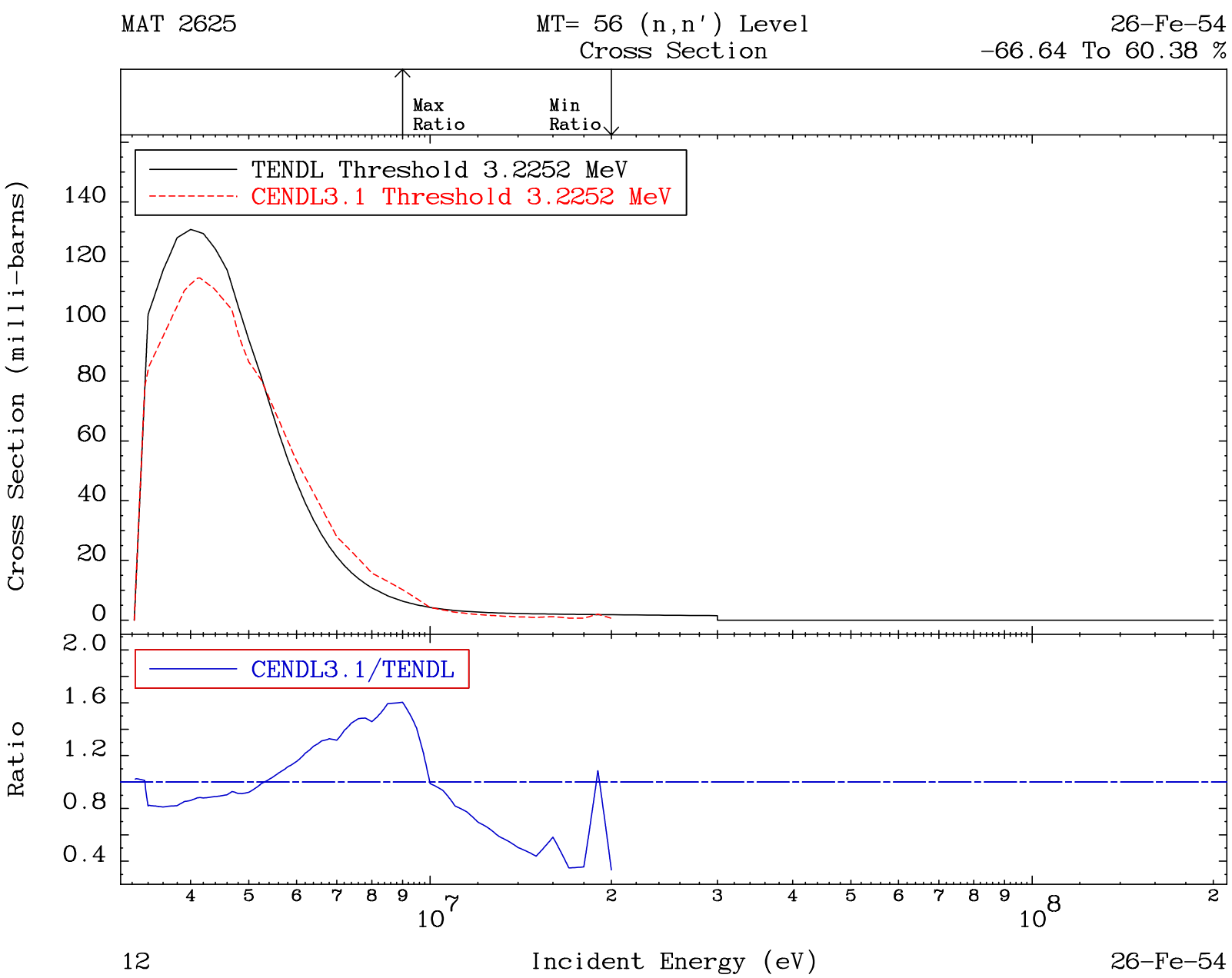

MAT 2625
MT= 51 (n,n') Level
Cross Section
26-Fe-54
-36.40 To 38.02 %
Min
Ratio
TENDL Threshold 1.4345 MeV
CENDL3.1 Threshold 1.4345 MeV
Cross Section (milli-barns)
800
600
400
200
0
CENDL3.1/TENDL
Ratio
1.6
1.2
0.8
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
7
Incident Energy (eV)
26-Fe-54

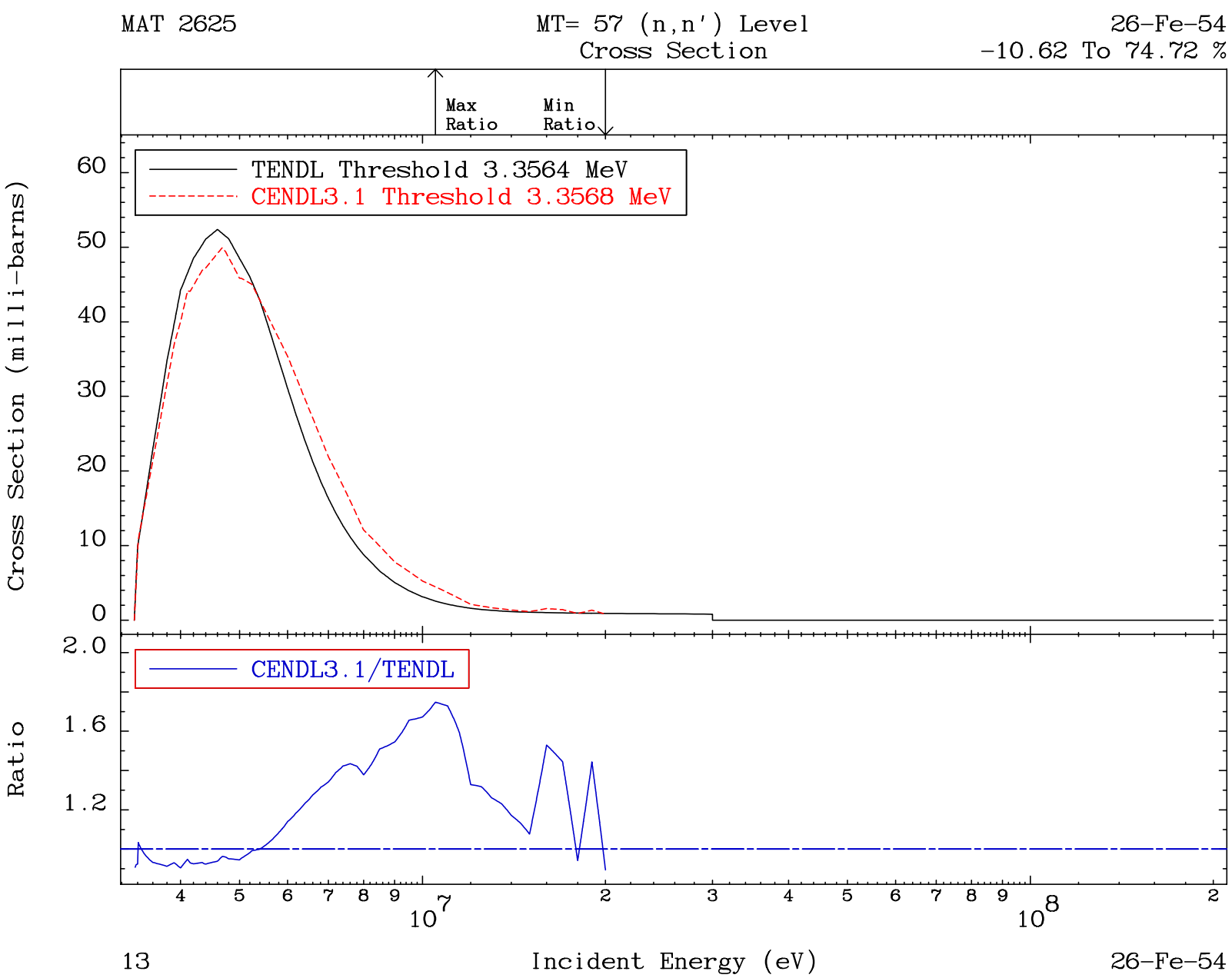

MAT 2625
MT= 52 (n,n') Level
Cross Section
26-Fe-54
-29.89 To 424.3 %
Min Ratio
Max Ratio
TENDL Threshold 2.5856 MeV
CENDL3.1 Threshold 2.5856 MeV
Cross Section (milli-barns)
120
100
80
60
40
20
0
CENDL3.1/TENDL
Ratio
6
4
2
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
Incident Energy (eV)
8
26-Fe-54

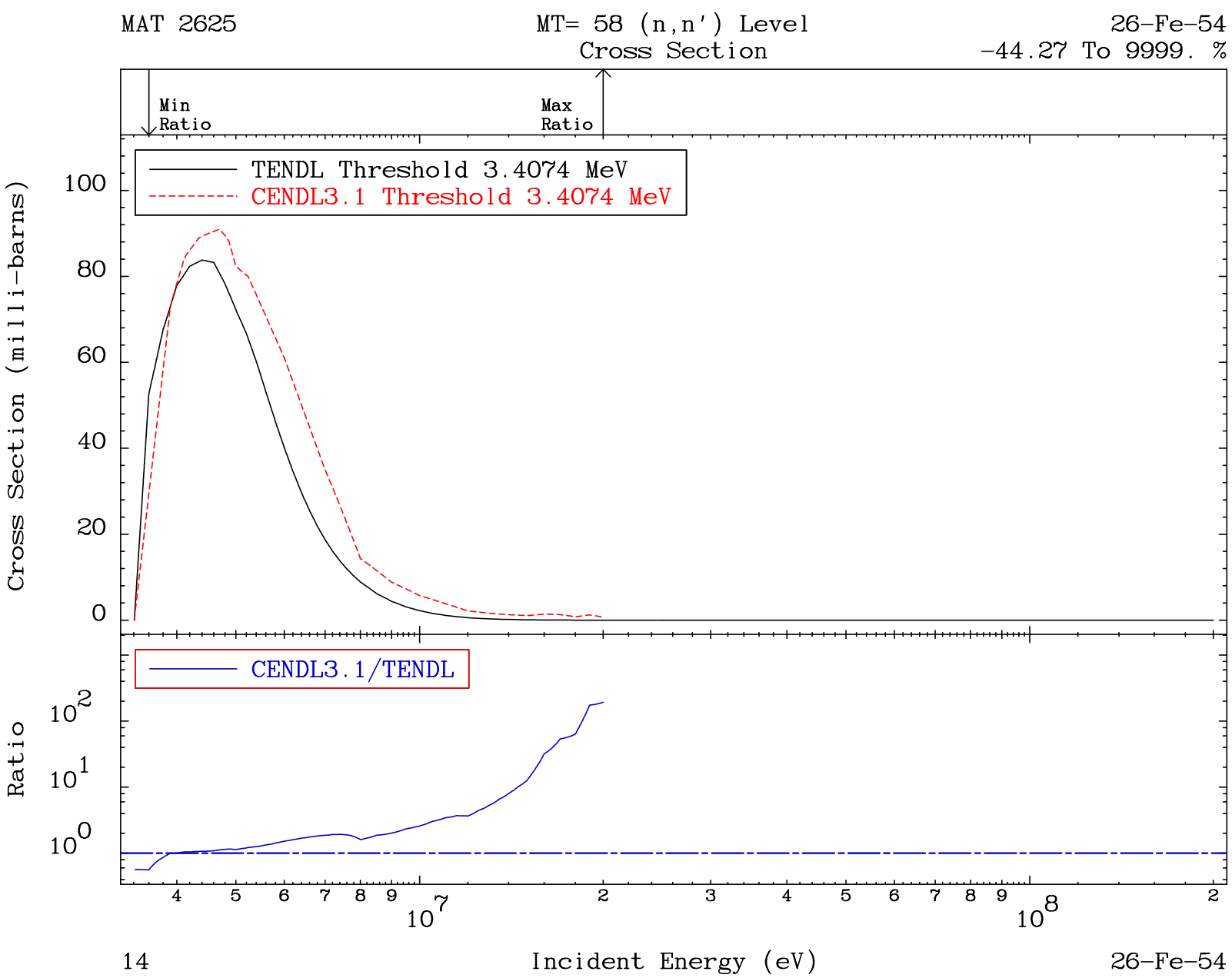

MAT 2625
MT= 53 (n,n') Level
Cross Section
26-Fe-54
-81.08 To 4.701 %
Max
Ratio
Min
Ratio
TENDL Threshold 2.6092 MeV
CENDL3.1 Threshold 2.6092 MeV
Cross Section (milli-barns)
100
80
60
40
20
0
CENDL3.1/TENDL
Ratio
1.2
0.8
0.4
3
4
5
6
7
8
9
10^7
2
3
4
5
6
7
8
9
10^8
2
9
Incident Energy (eV)
26-Fe-54

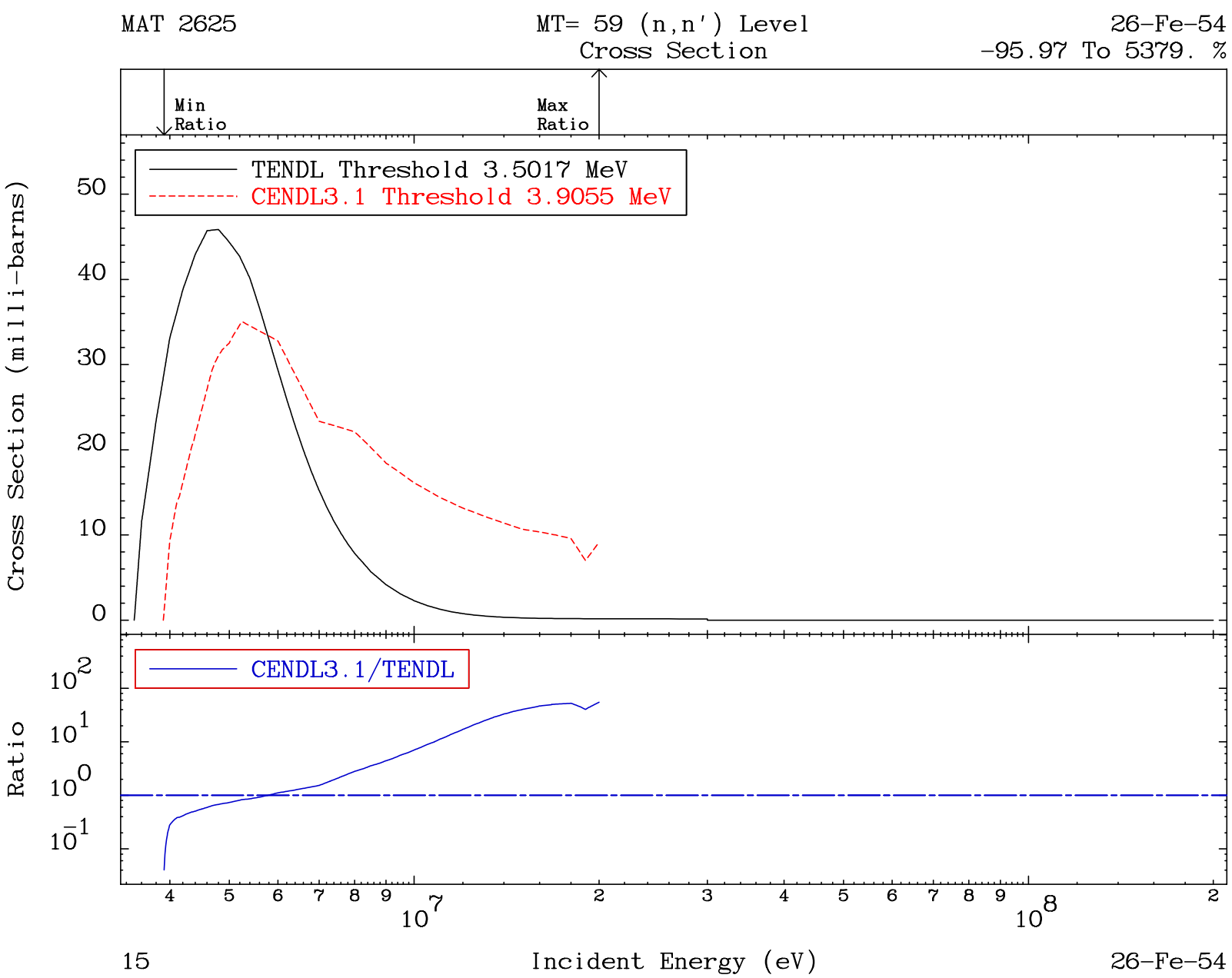

MAT 2625
MT= 54 (n,n') Level
Cross Section
26-Fe-54
83.63 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 3.0044 MeV
CENDL3.1 Threshold 3.0051 MeV
Cross Section (milli-barns)
25
20
15
10
5
0
CENDL3.1/TENDL
Ratio
10^2
10^1
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
10
Incident Energy (eV)
26-Fe-54

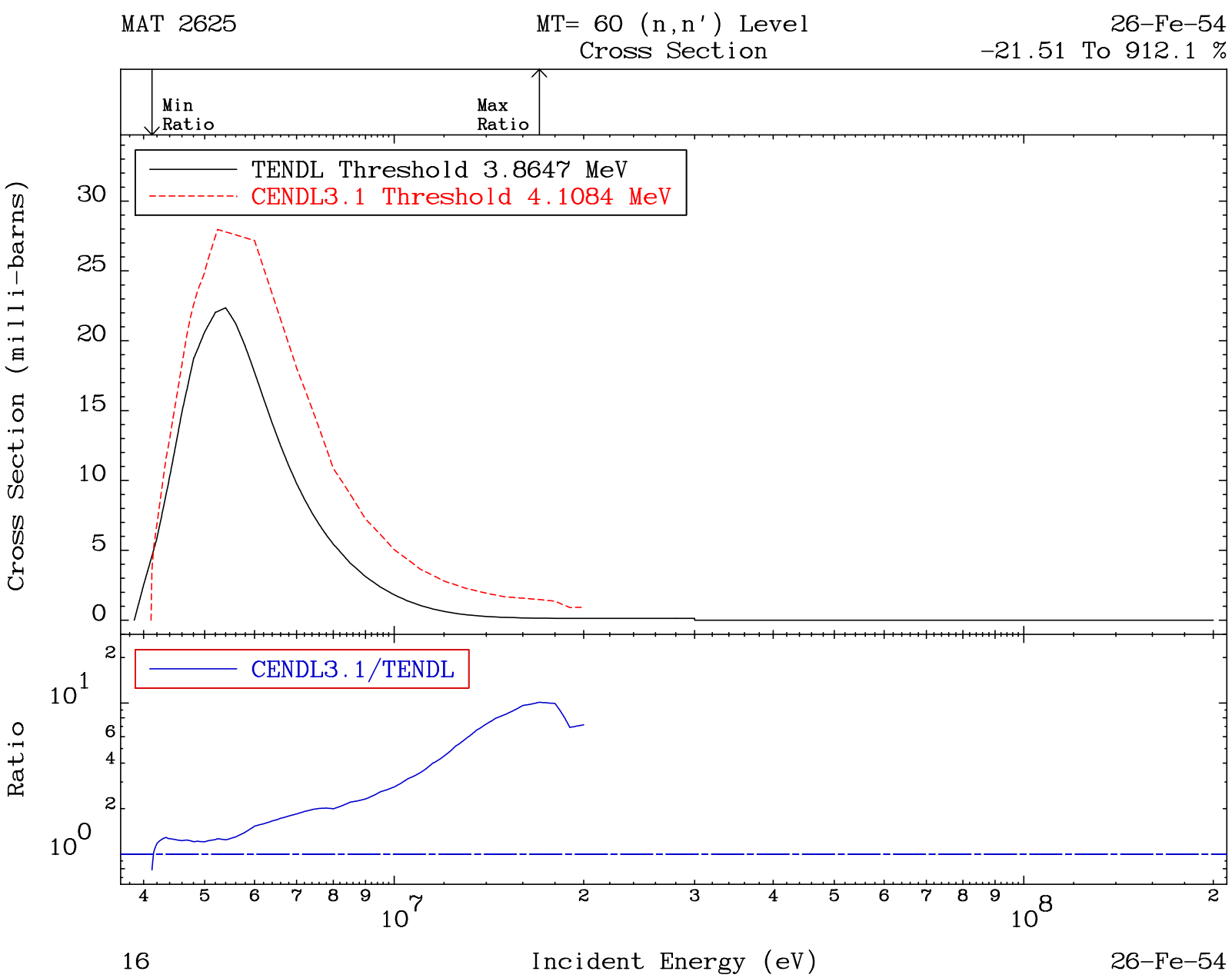

MAT 2625
MT= 55 (n,n') Level
Cross Section
26-Fe-54
-91.61 To 5.712 %
Max Ratio
Min Ratio
TENDL Threshold 3.0143 MeV
CENDL3.1 Threshold 3.0143 MeV
Cross Section (milli-barns)
200
150
100
50
0
CENDL3.1/TENDL
Ratio
2
10^0
6
4
2
10^-1
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
11
Incident Energy (eV)
26-Fe-54

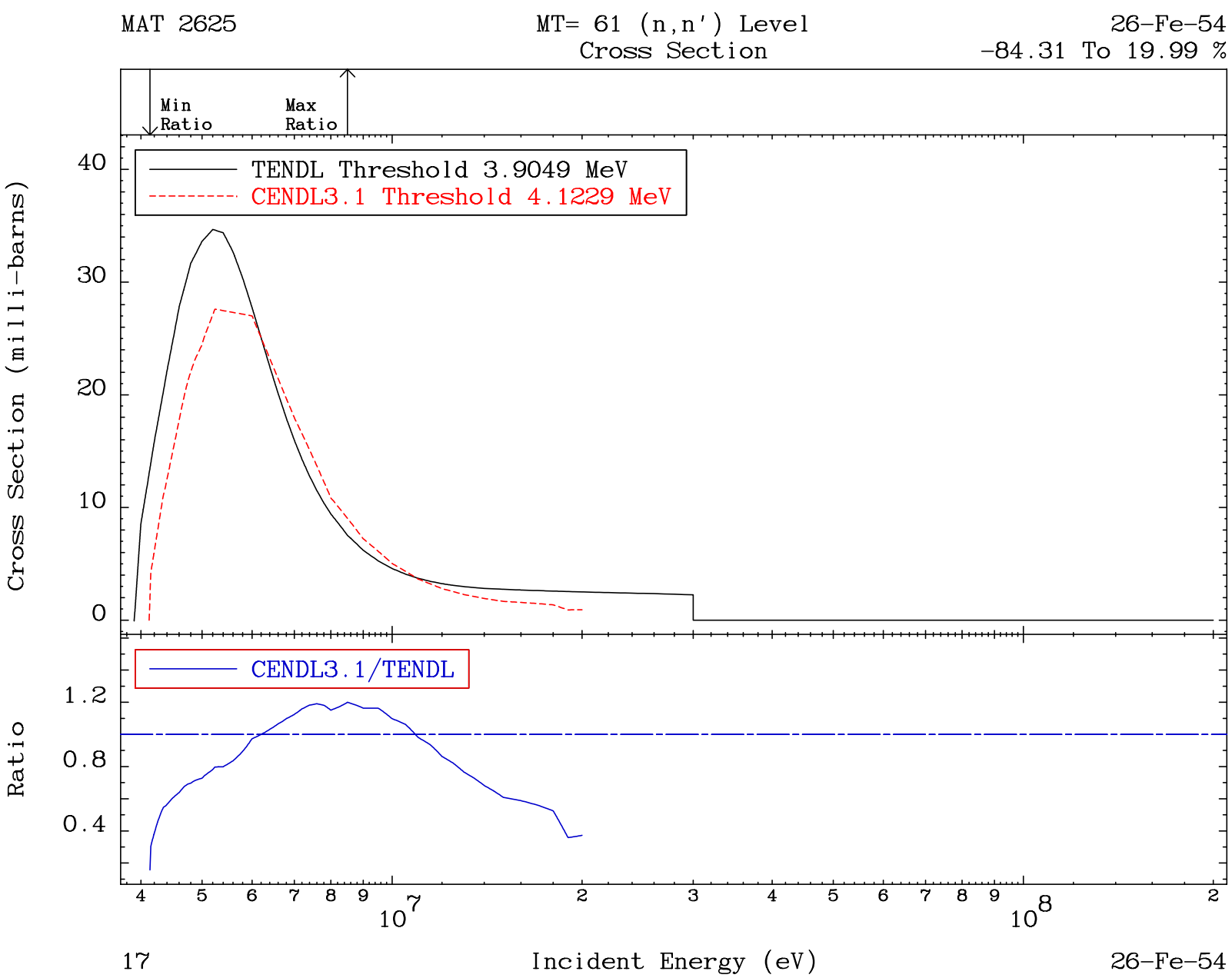

MAT 2625
MT= 56 (n,n') Level
Cross Section
26-Fe-54
-66.64 To 60.38 %
Max
Ratio
Min
Ratio
TENDL Threshold 3.2252 MeV
CENDL3.1 Threshold 3.2252 MeV
Cross Section (milli-barns)
140
120
100
80
60
40
20
0
CENDL3.1/TENDL
Ratio
2.0
1.6
1.2
0.8
0.4
4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
12
Incident Energy (eV)
26-Fe-54

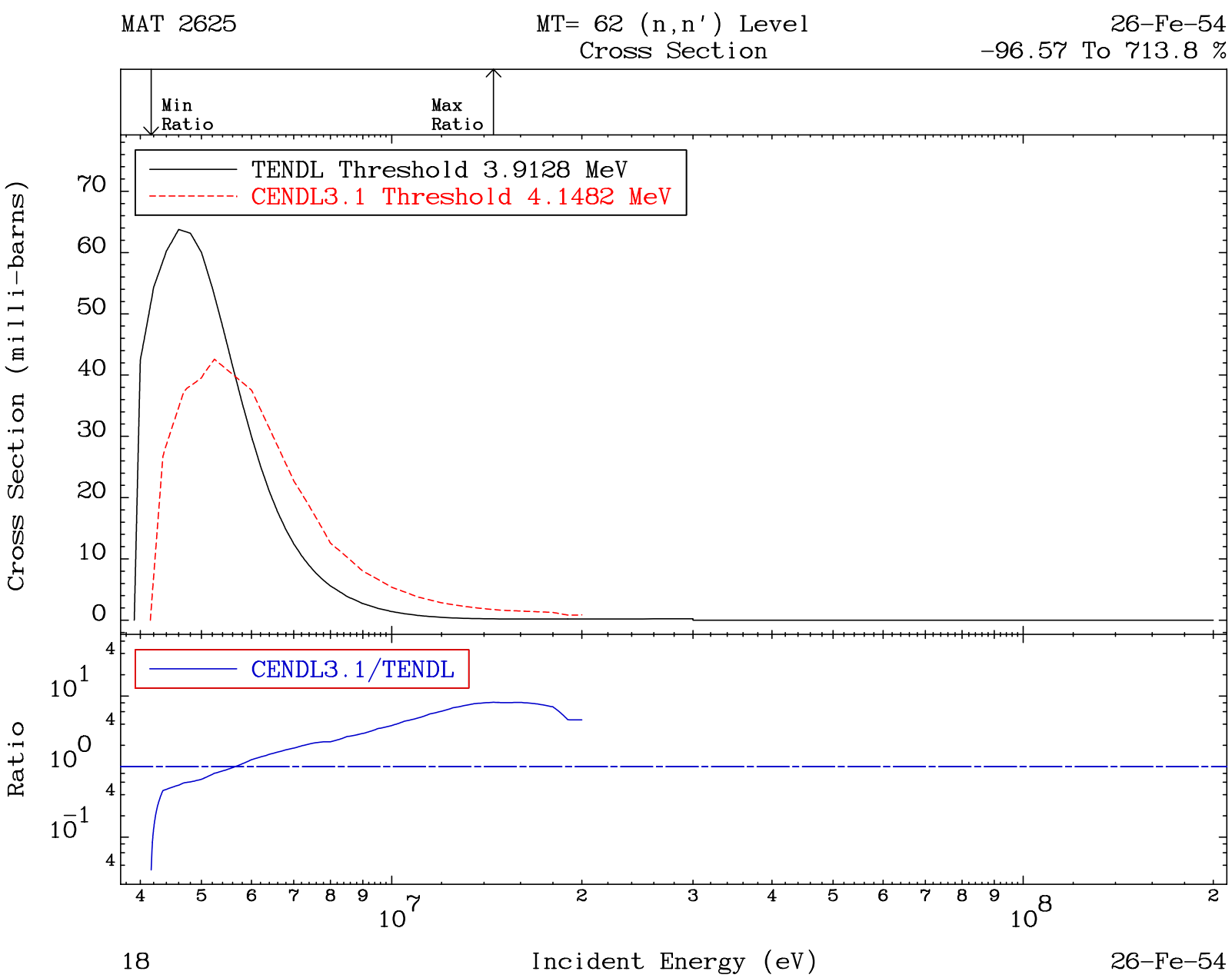

MAT 2625
MT= 57 (n,n') Level
Cross Section
26-Fe-54
-10.62 To 74.72 %
Max Ratio
Min Ratio
TENDL Threshold 3.3564 MeV
CENDL3.1 Threshold 3.3568 MeV
Cross Section (milli-barns)
60
50
40
30
20
10
0
CENDL3.1/TENDL
Ratio
2.0
1.6
1.2
4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
13
Incident Energy (eV)
26-Fe-54

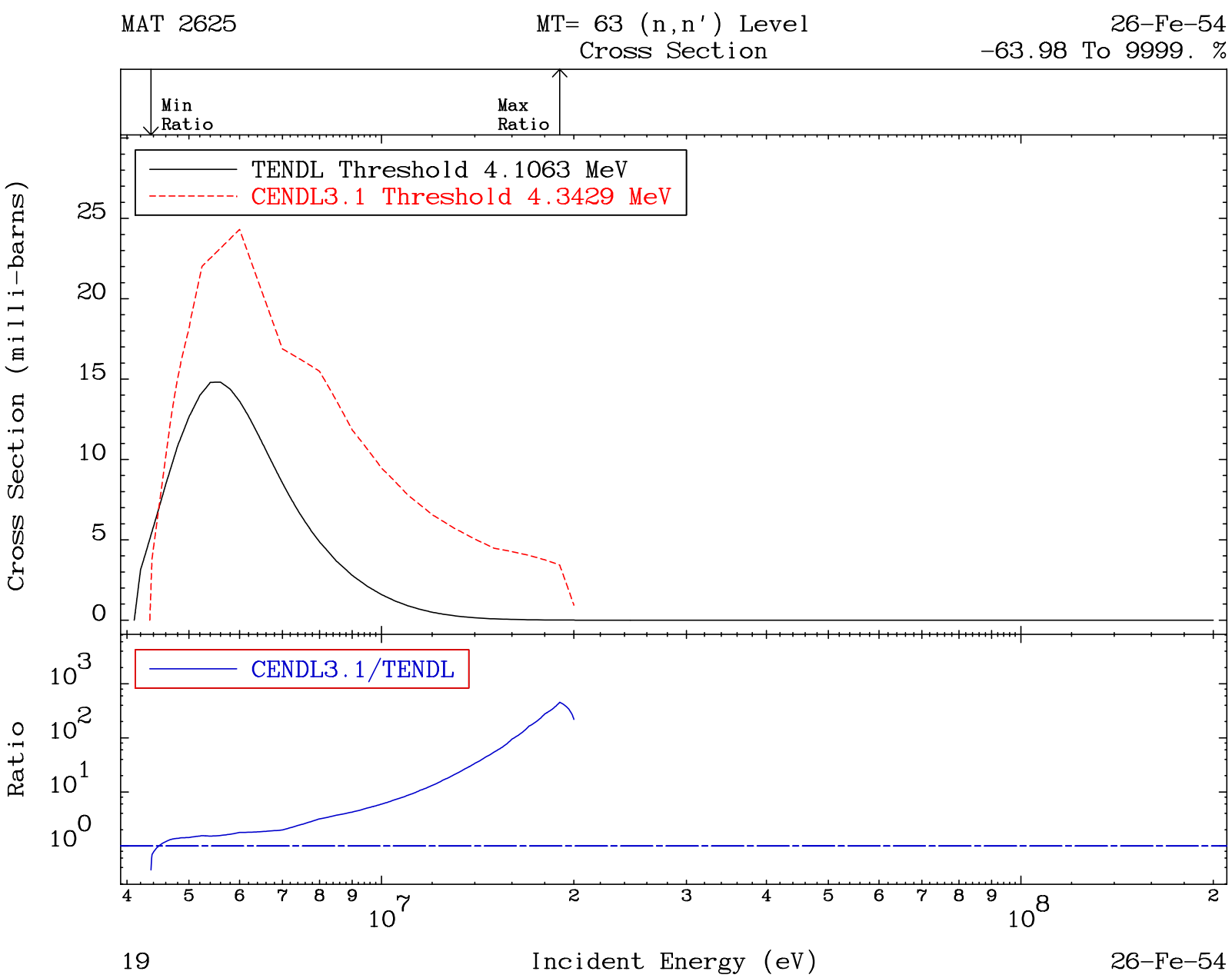

MAT 2625
MT= 58 (n,n') Level
Cross Section
26-Fe-54
-44.27 To 9999. %
Min
Ratio
Max
Ratio
TENDL Threshold 3.4074 MeV
CENDL3.1 Threshold 3.4074 MeV
Cross Section (milli-barns)
100
80
60
40
20
0
CENDL3.1/TENDL
Ratio
10^2
10^1
10^0
4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
14
Incident Energy (eV)
26-Fe-54

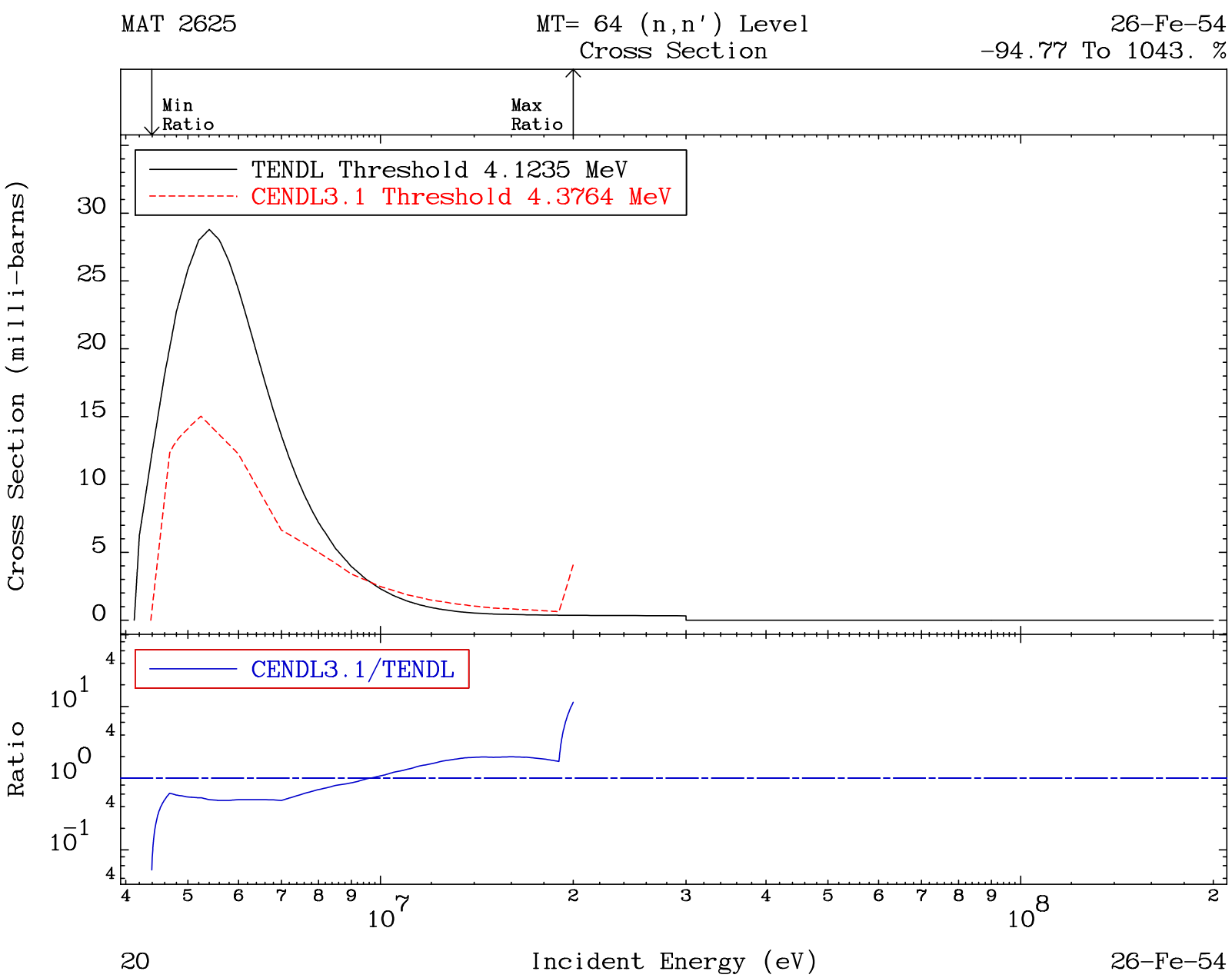

MAT 2625
MT= 59 (n,n') Level
Cross Section
26-Fe-54
-95.97 To 5379. %
Min
Ratio
Max
Ratio
TENDL Threshold 3.5017 MeV
CENDL3.1 Threshold 3.9055 MeV
Cross Section (milli-barns)
50
40
30
20
10
0
CENDL3.1/TENDL
Ratio
10^2
10^1
10^0
10^-1
4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
15
Incident Energy (eV)
26-Fe-54

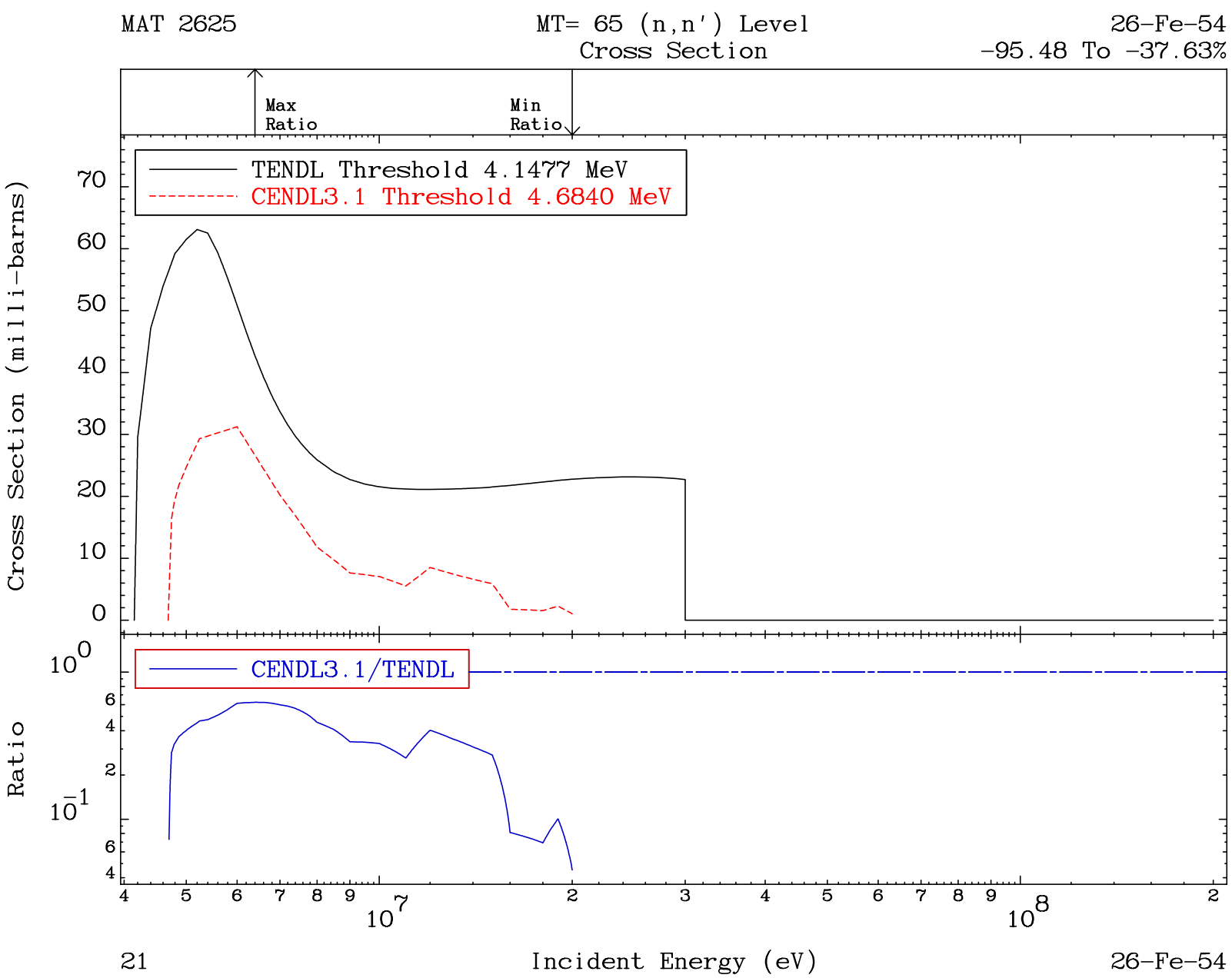

MAT 2625
MT= 60 (n,n') Level
Cross Section
26-Fe-54
-21.51 To 912.1 %
Min Ratio
Max Ratio
TENDL Threshold 3.8647 MeV
CENDL3.1 Threshold 4.1084 MeV
Cross Section (milli-barns)
CENDL3.1/TENDL
Ratio
Incident Energy (eV)
16
26-Fe-54

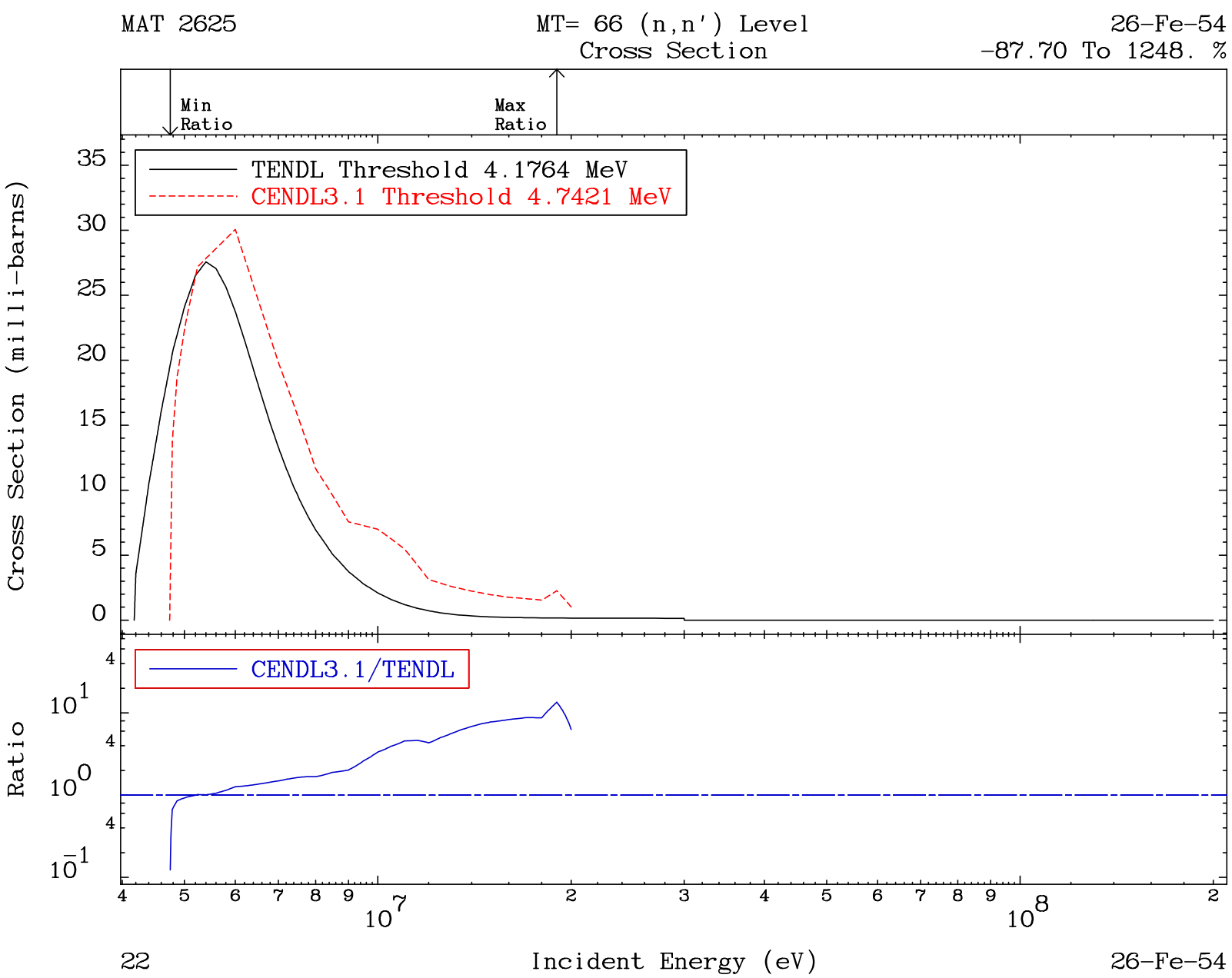

MAT 2625
MT= 61 (n,n') Level
Cross Section
26-Fe-54
-84.31 To 19.99 %
Min Ratio
Max Ratio
TENDL Threshold 3.9049 MeV
CENDL3.1 Threshold 4.1229 MeV
Cross Section (milli-barns)
40
30
20
10
0
CENDL3.1/TENDL
Ratio
1.2
0.8
0.4
4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
17
Incident Energy (eV)
26-Fe-54

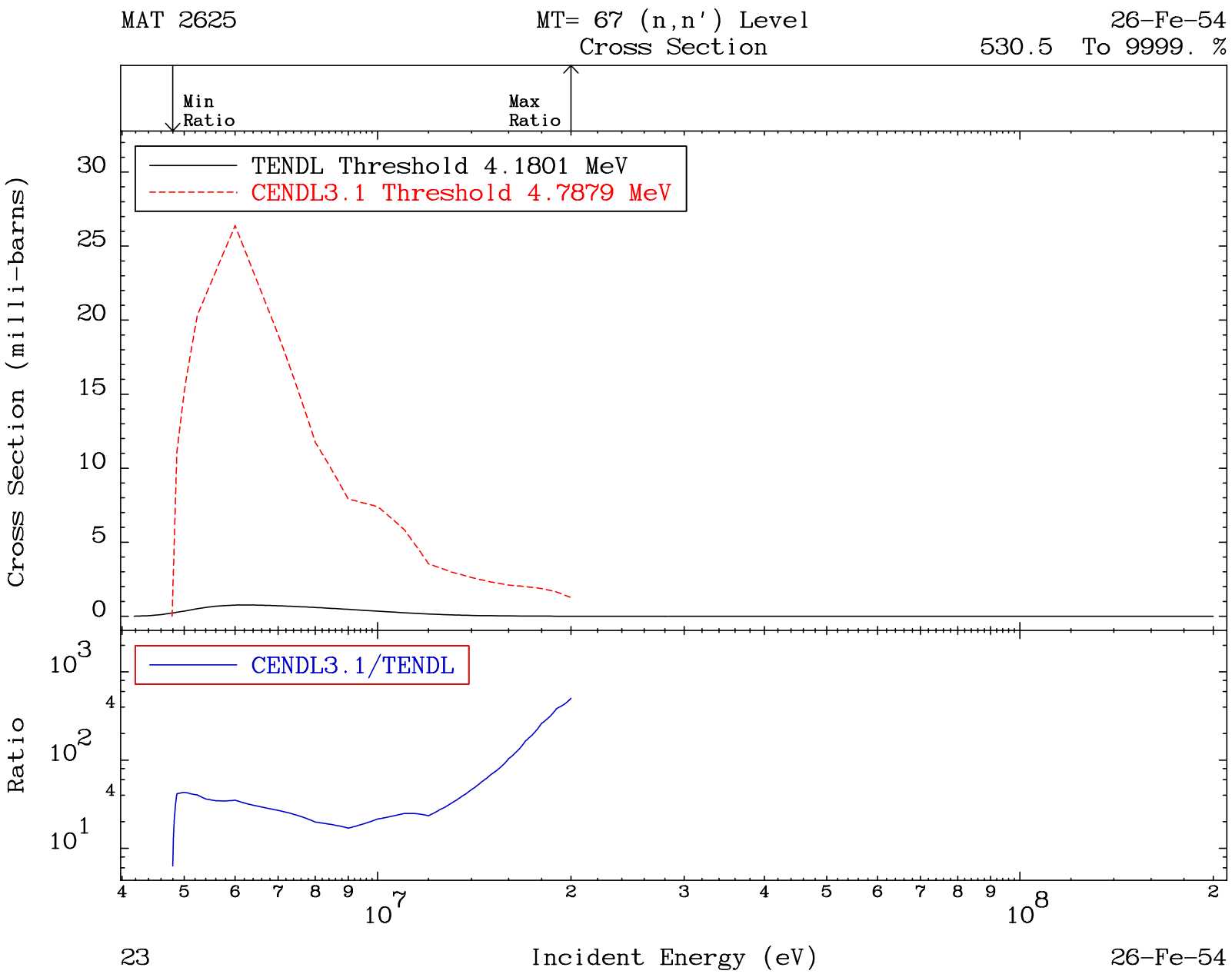

MAT 2625
MT= 62 (n,n') Level
Cross Section
26-Fe-54
-96.57 To 713.8 %
Min Ratio
Max Ratio
TENDL Threshold 3.9128 MeV
CENDL3.1 Threshold 4.1482 MeV
Cross Section (milli-barns)
CENDL3.1/TENDL
Ratio
Incident Energy (eV)
18
26-Fe-54

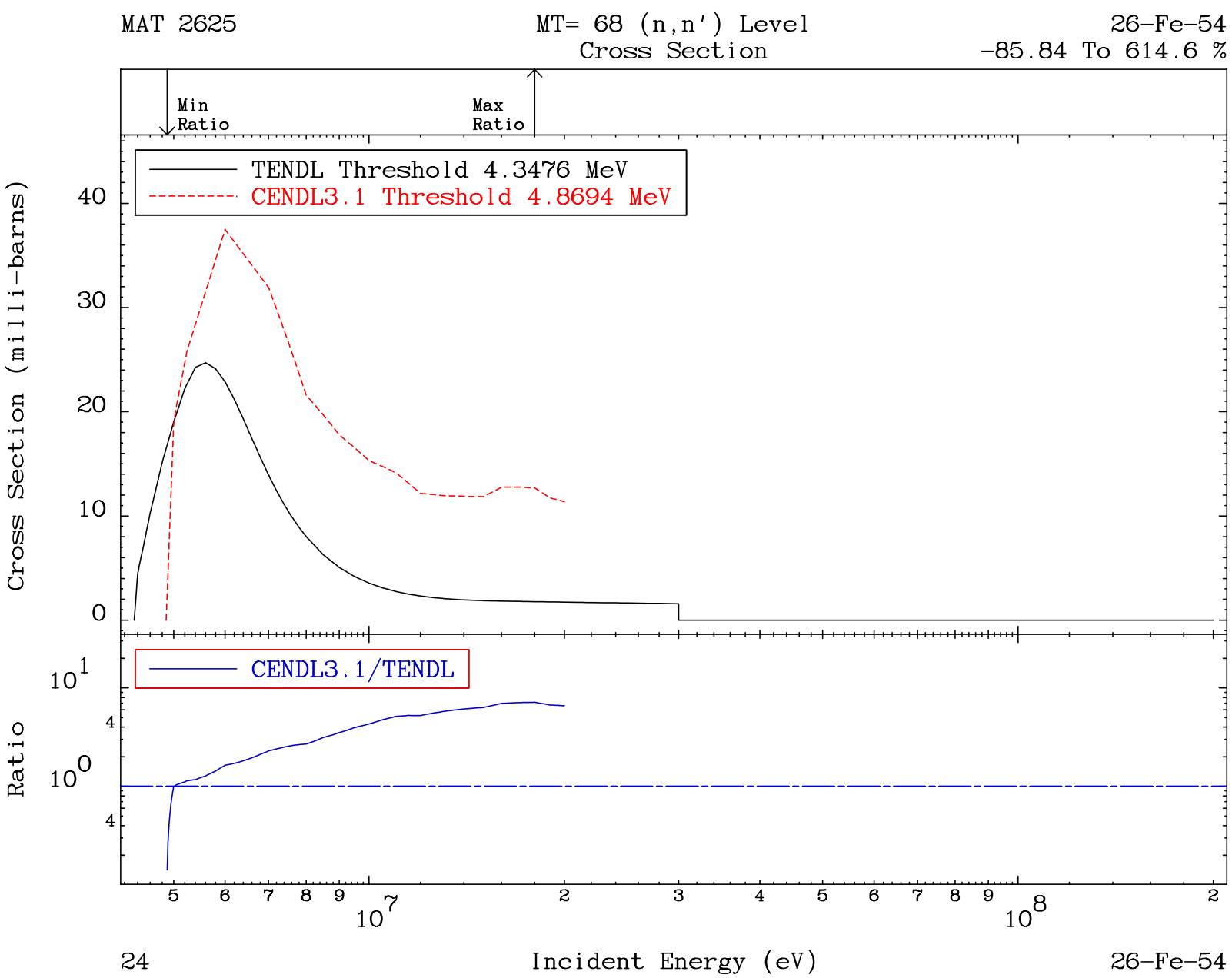

MAT 2625
MT= 63 (n,n') Level
Cross Section
26-Fe-54
-63.98 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 4.1063 MeV
CENDL3.1 Threshold 4.3429 MeV
Cross Section (milli-barns)
25
20
15
10
5
0
CENDL3.1/TENDL
Ratio
10^3
10^2
10^1
10^0
4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
19
Incident Energy (eV)
26-Fe-54

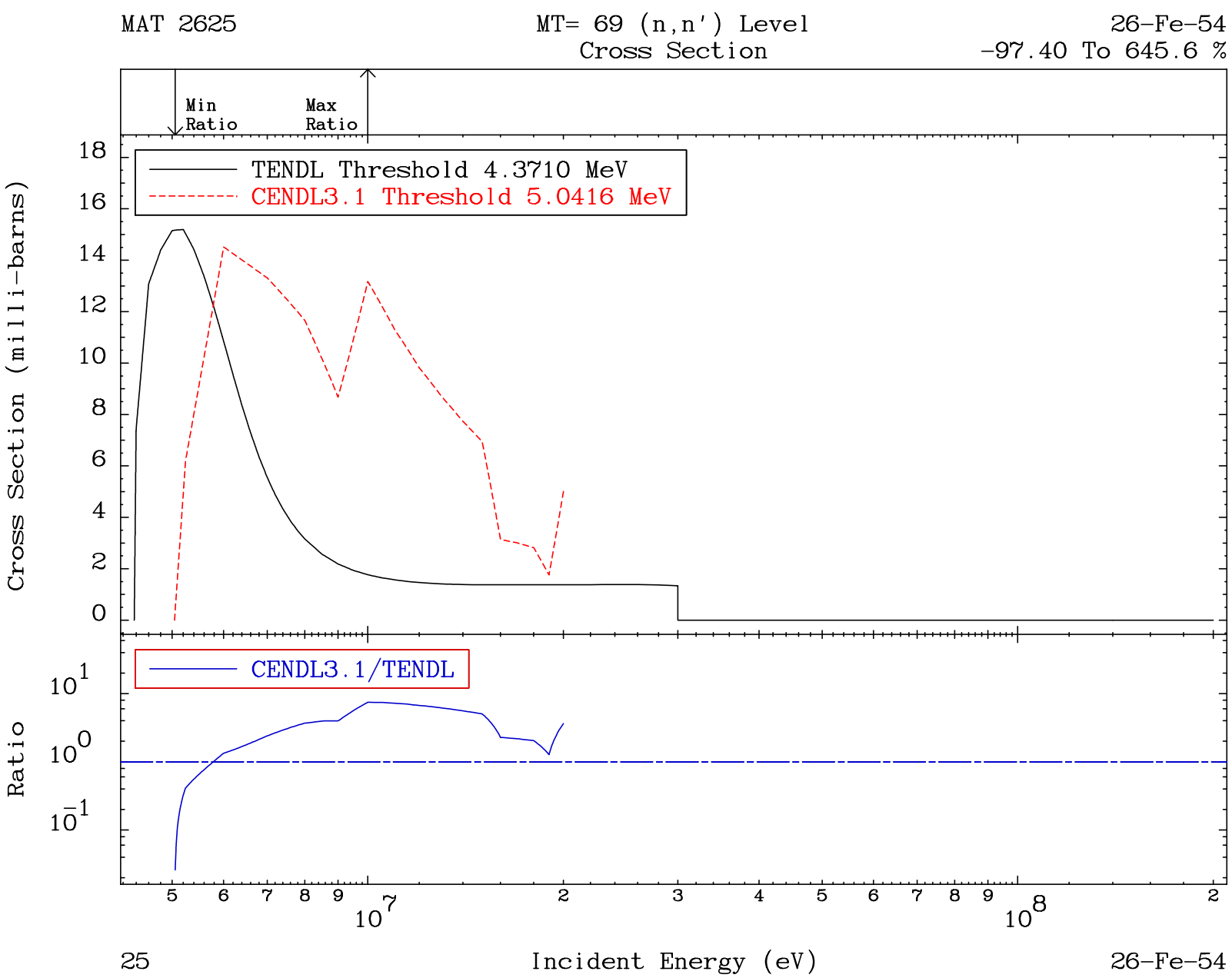

MAT 2625
MT= 64 (n,n') Level
Cross Section
26-Fe-54
-94.77 To 1043. %
Min Ratio
Max Ratio
TENDL Threshold 4.1235 MeV
CENDL3.1 Threshold 4.3764 MeV
Cross Section (milli-barns)
CENDL3.1/TENDL
Ratio
Incident Energy (eV)
20
26-Fe-54

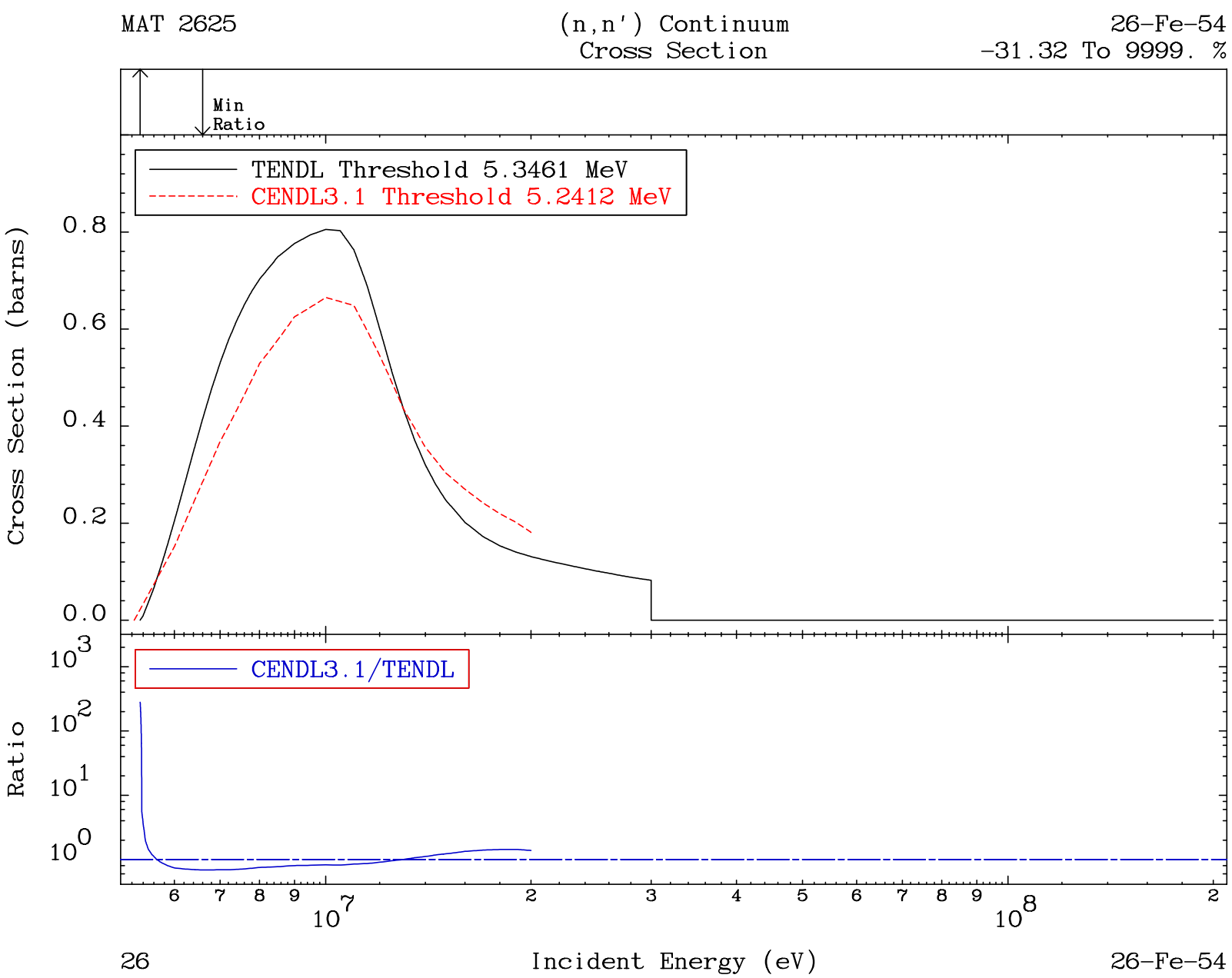

MAT 2625
MT= 65 (n,n') Level
Cross Section
26-Fe-54
-95.48 To -37.63%
Max
Ratio
Min
Ratio
TENDL Threshold 4.1477 MeV
CENDL3.1 Threshold 4.6840 MeV
Cross Section (milli-barns)
70
60
50
40
30
20
10
0
CENDL3.1/TENDL
Ratio
10^0
10^-1
6
4
2
6
4
4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
21
Incident Energy (eV)
26-Fe-54

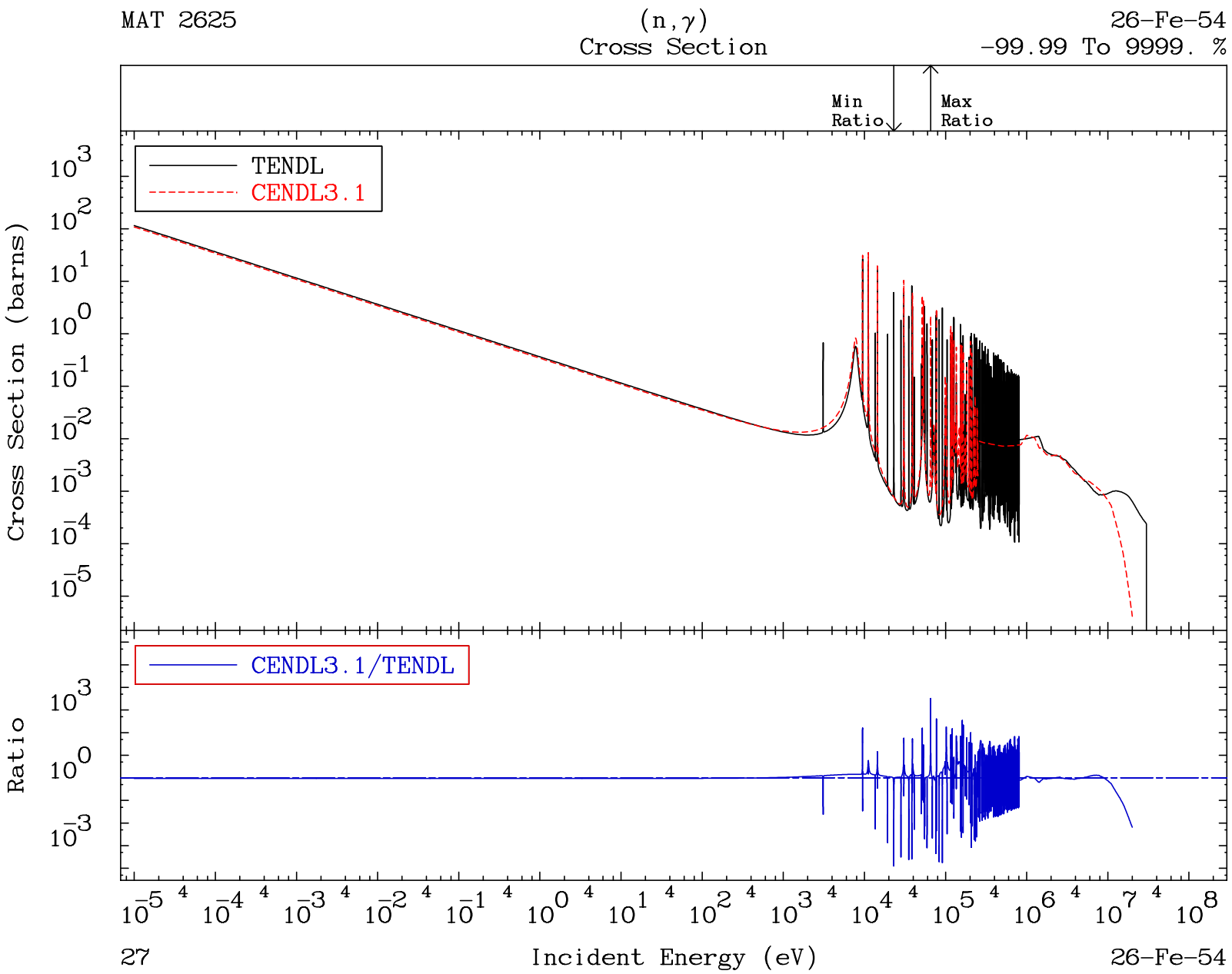

MAT 2625
MT= 66 (n,n') Level
Cross Section
26-Fe-54
-87.70 To 1248. %
Min
Ratio
Max
Ratio
TENDL Threshold 4.1764 MeV
CENDL3.1 Threshold 4.7421 MeV
Cross Section (milli-barns)
35
30
25
20
15
10
5
0
CENDL3.1/TENDL
Ratio
10^1
10^0
10^-1
4
5
6
7
8
9
10^7
2
3
4
5
6
7
8
9
10^8
2
22
Incident Energy (eV)
26-Fe-54

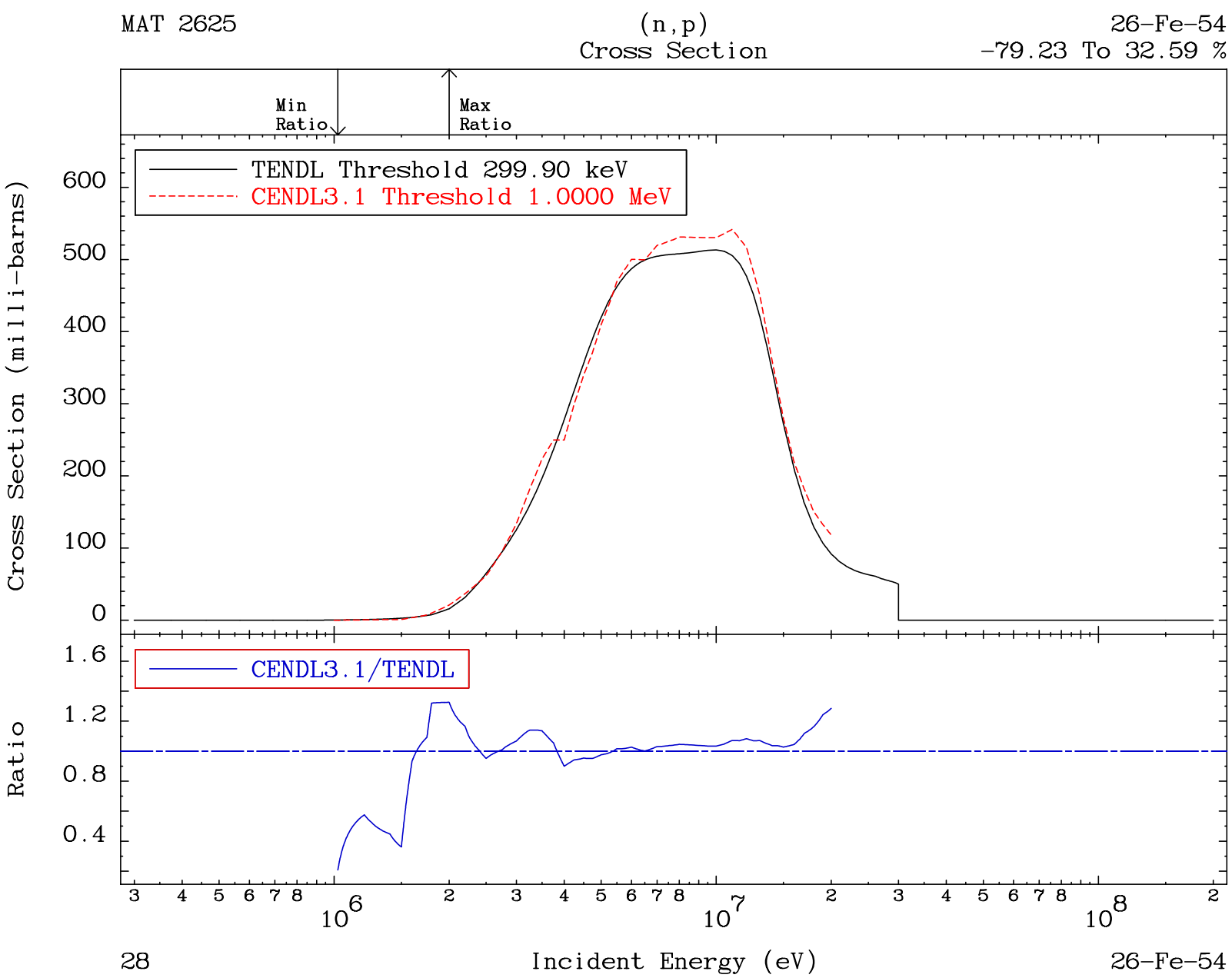

MAT 2625
MT= 67 (n,n') Level
Cross Section
26-Fe-54
530.5 To 9999. %
Min Ratio
Max Ratio
TENDL Threshold 4.1801 MeV
CENDL3.1 Threshold 4.7879 MeV
Cross Section (milli-barns)
CENDL3.1/TENDL
Ratio
Incident Energy (eV)
23
26-Fe-54

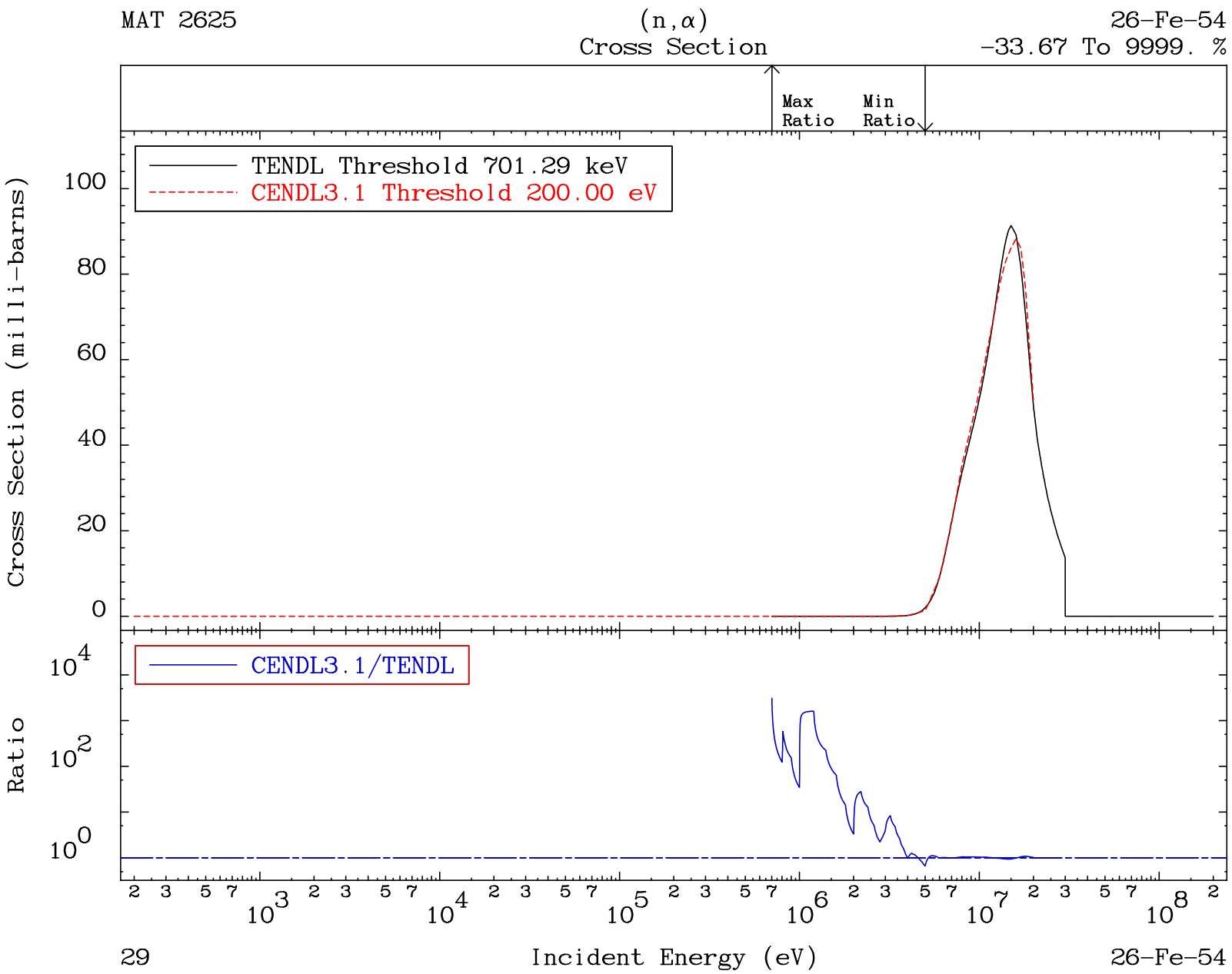

MAT 2625
MT= 68 (n,n') Level
Cross Section
26-Fe-54
-85.84 To 614.6 %
Min Ratio
Max Ratio
TENDL Threshold 4.3476 MeV
CENDL3.1 Threshold 4.8694 MeV
Cross Section (milli-barns)
0
10
20
30
40
CENDL3.1/TENDL
Ratio
10^1
10^0
4
4
5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
24
Incident Energy (eV)
26-Fe-54

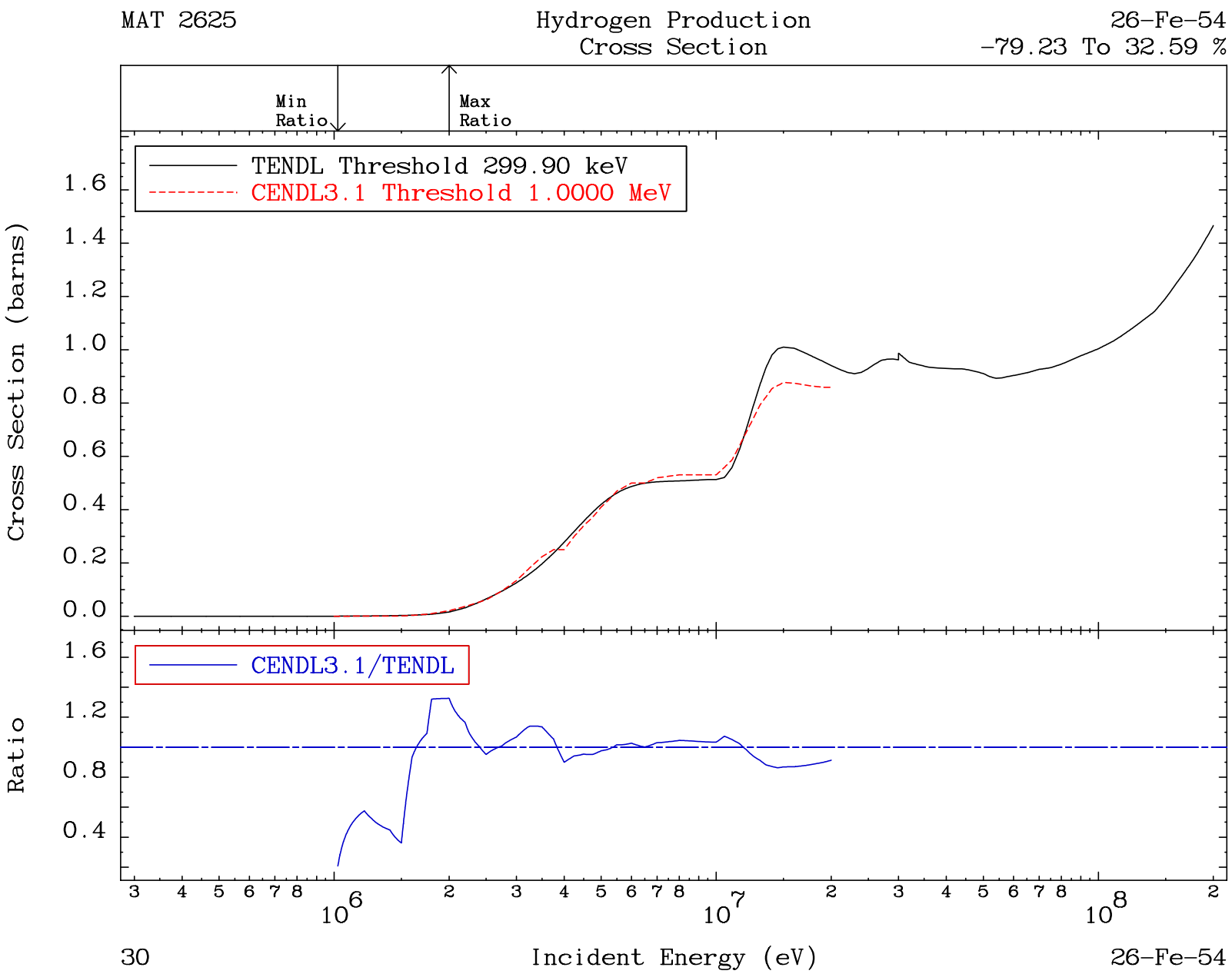

MAT 2625
MT= 69 (n,n') Level
Cross Section
26-Fe-54
-97.40 To 645.6 %
Min Ratio
Max Ratio
TENDL Threshold 4.3710 MeV
CENDL3.1 Threshold 5.0416 MeV
Cross Section (milli-barns)
CENDL3.1/TENDL
Ratio
Incident Energy (eV)
25
26-Fe-54

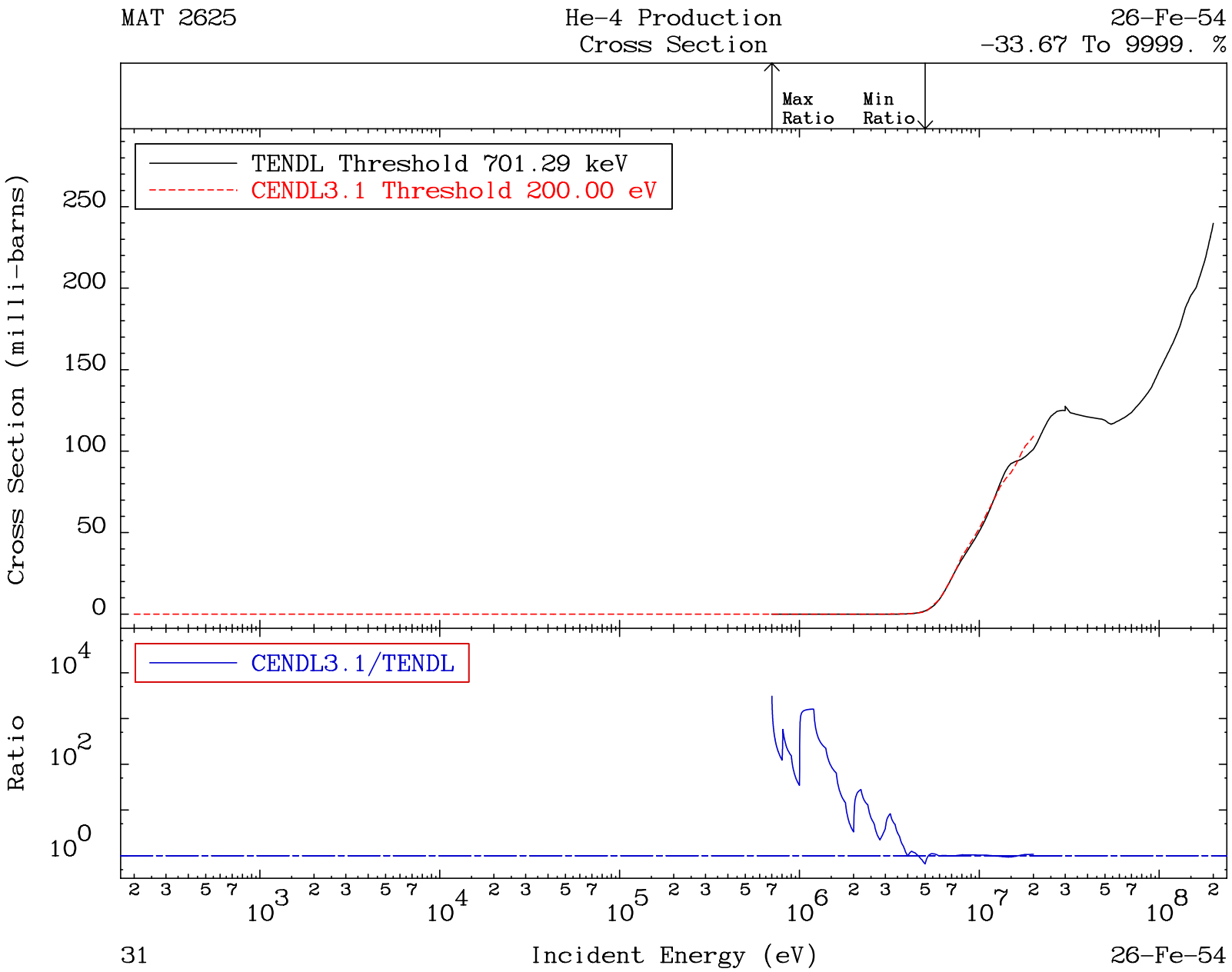

MAT 2625
(n,n') Continuum
Cross Section
26-Fe-54
-31.32 To 9999. %
Min
Ratio
TENDL Threshold 5.3461 MeV
CENDL3.1 Threshold 5.2412 MeV
Cross Section (barns)
0.0
0.2
0.4
0.6
0.8
CENDL3.1/TENDL
Ratio
10^0
10^1
10^2
10^3
6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
26
Incident Energy (eV)
26-Fe-54

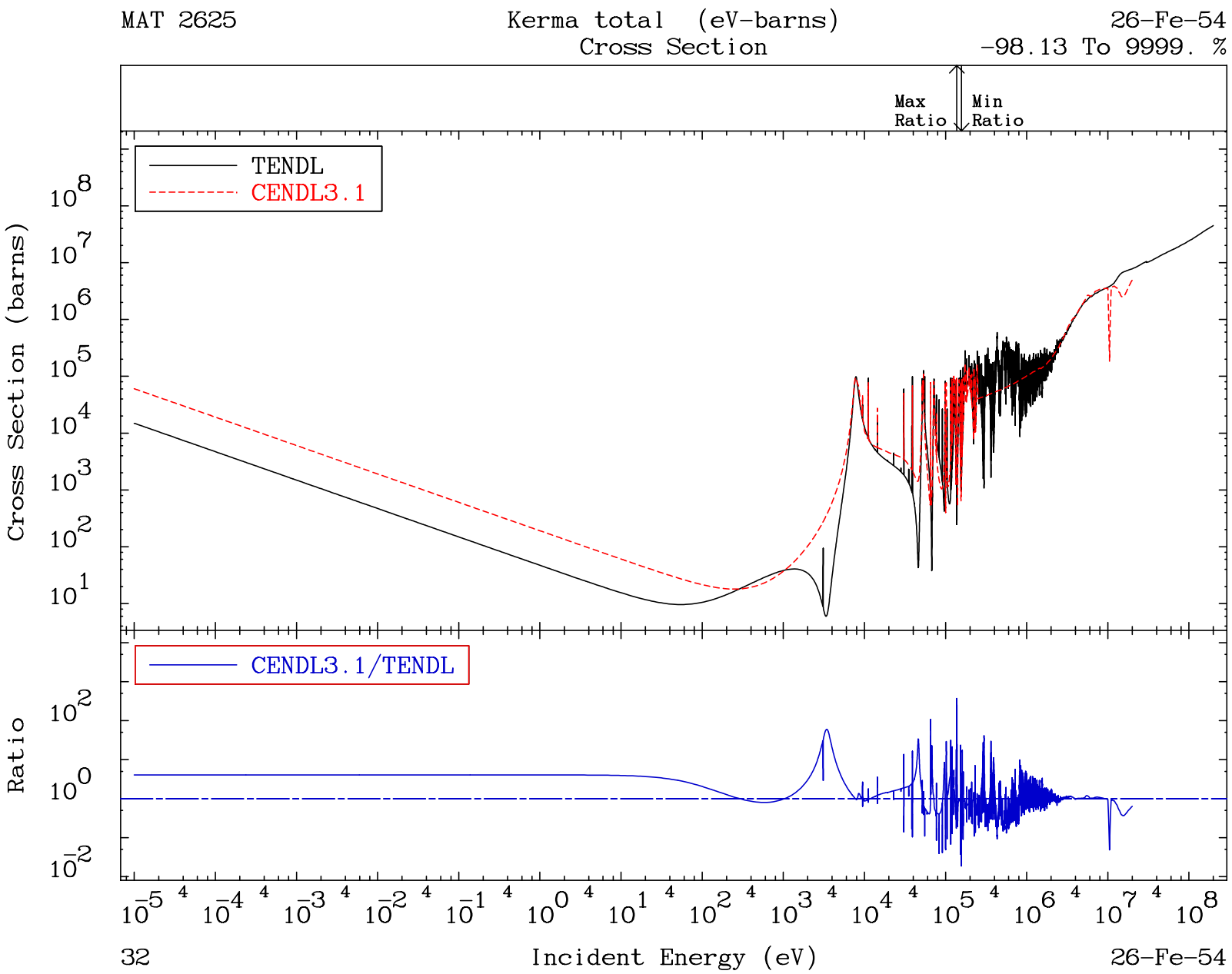

MAT 2625
(n,γ)
Cross Section
26-Fe-54
-99.99 To 9999. %
Min Ratio
Max Ratio
TENDL
CENDL3.1
Cross Section (barns)
CENDL3.1/TENDL
Ratio
Incident Energy (eV)
27
26-Fe-54

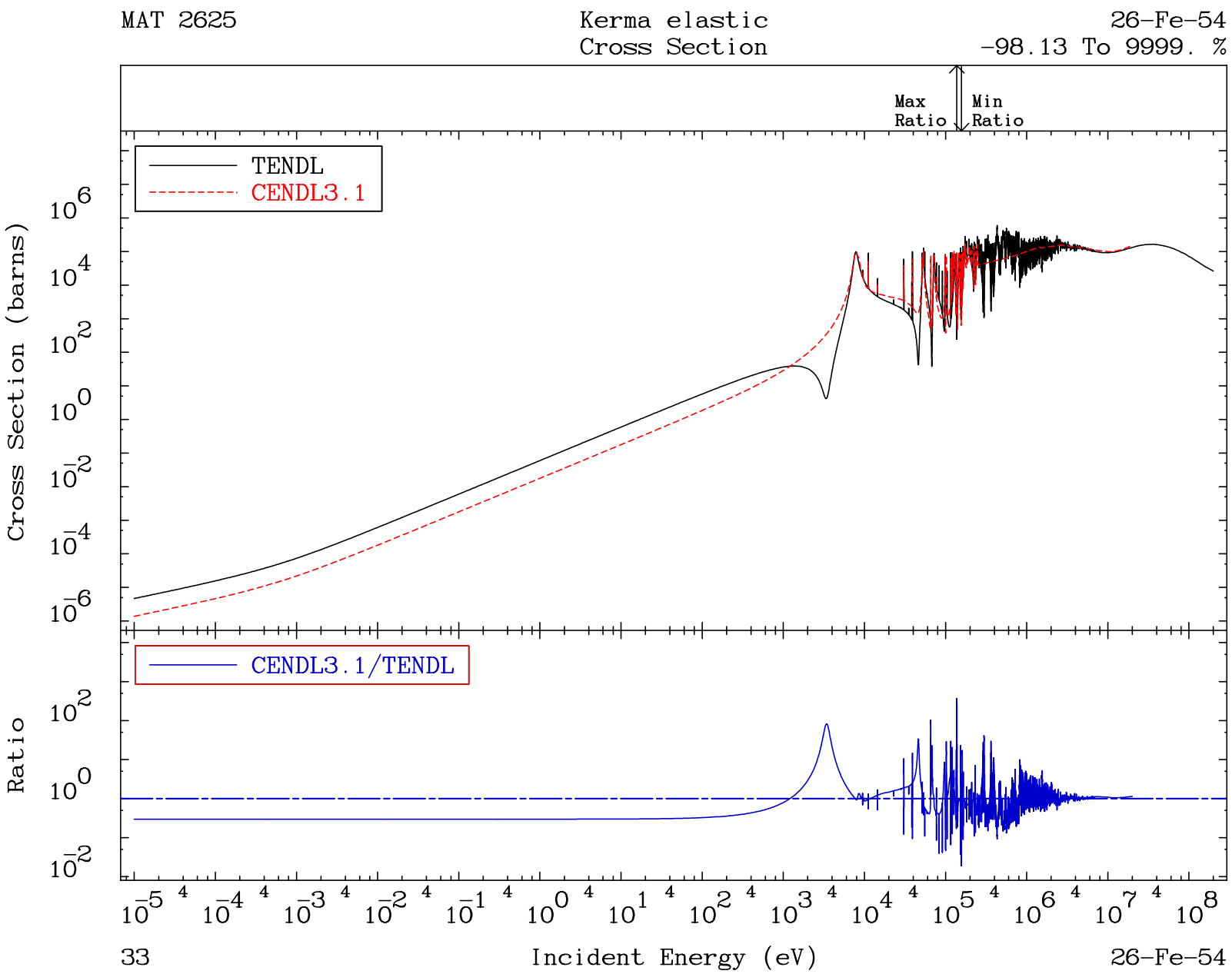

MAT 2625
(n,p)
Cross Section
26-Fe-54
-79.23 To 32.59 %
Min Ratio
Max Ratio
TENDL Threshold 299.90 keV
CENDL3.1 Threshold 1.0000 MeV
Cross Section (milli-barns)
600
500
400
300
200
100
0
CENDL3.1/TENDL
Ratio
1.6
1.2
0.8
0.4
3 4 5 6 7 8 10^6 2 3 4 5 6 7 8 10^7 2 3 4 5 6 7 8 10^8 2
28
Incident Energy (eV)
26-Fe-54

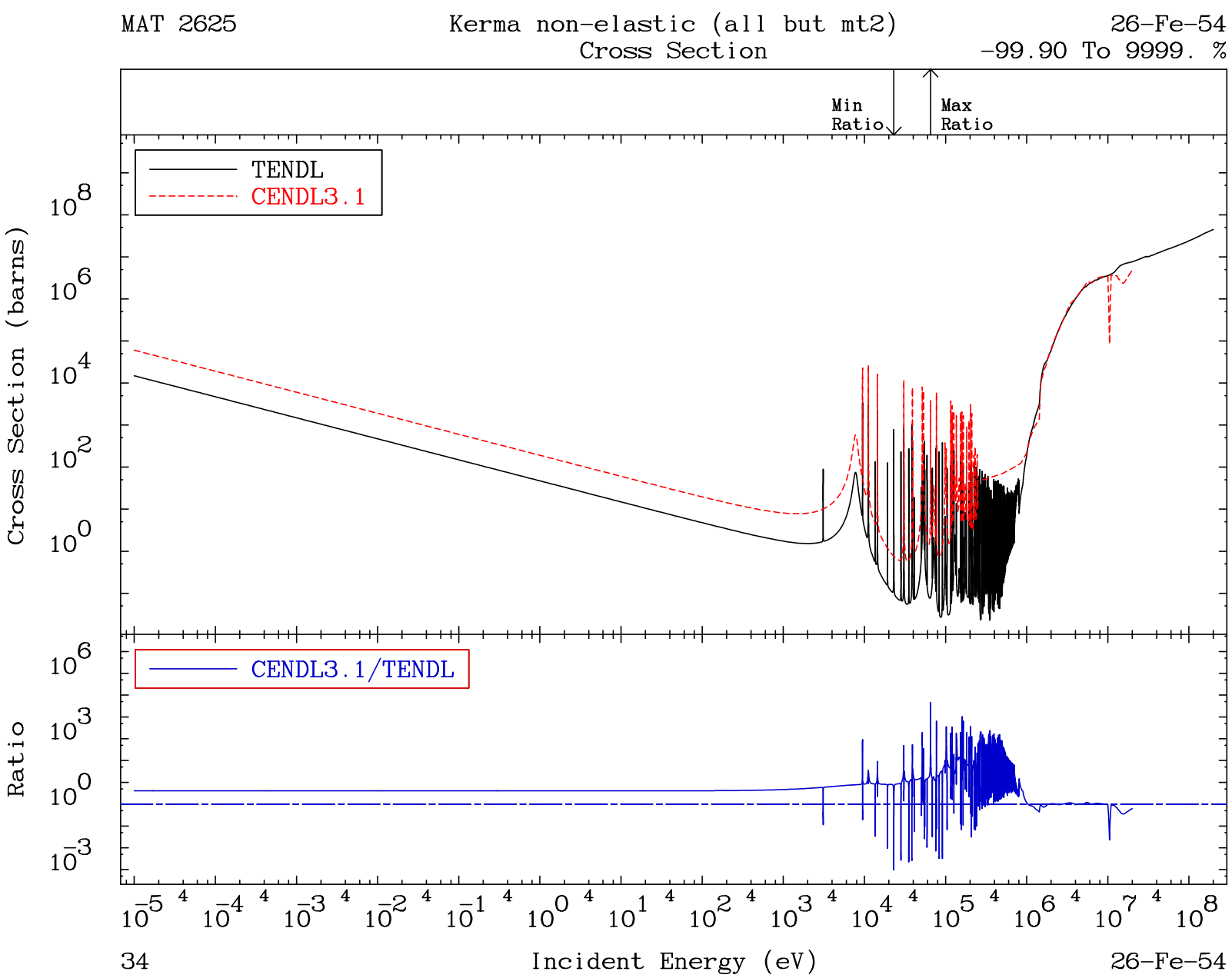

MAT 2625
(n,α)
Cross Section
26-Fe-54
-33.67 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 701.29 keV
CENDL3.1 Threshold 200.00 eV
Cross Section (milli-barns)
100
80
60
40
20
0
CENDL3.1/TENDL
Ratio
10^4
10^2
10^0
2 3 5 7 10^3 2 3 5 7 10^4 2 3 5 7 10^5 2 3 5 7 10^6 2 3 5 7 10^7 2 3 5 7 10^8 2
29
Incident Energy (eV)
26-Fe-54

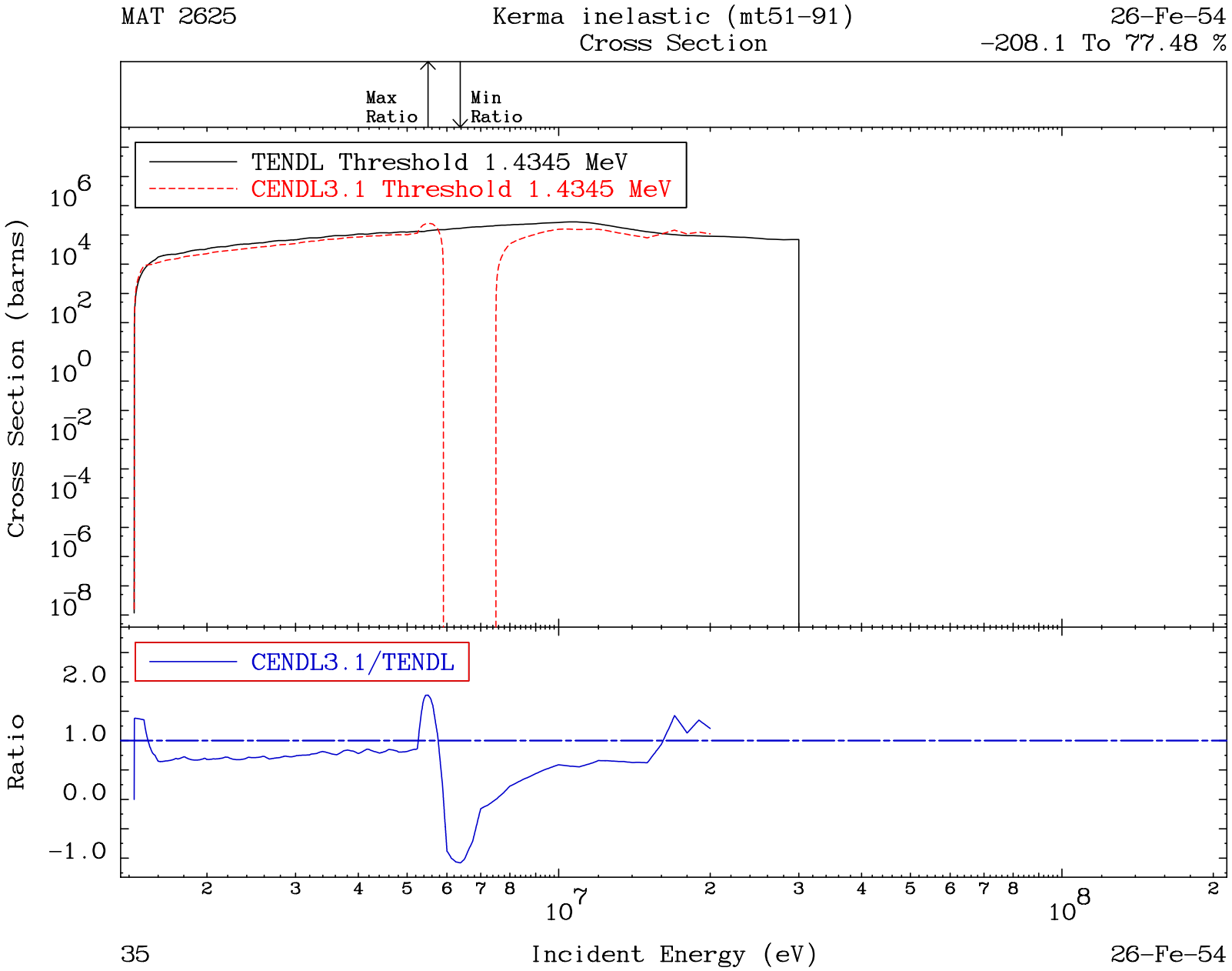

MAT 2625
Hydrogen Production
Cross Section
26-Fe-54
-79.23 To 32.59 %
Min Ratio
Max Ratio
TENDL Threshold 299.90 keV
CENDL3.1 Threshold 1.0000 MeV
Cross Section (barns)
CENDL3.1/TENDL
Ratio
Incident Energy (eV)
30
26-Fe-54

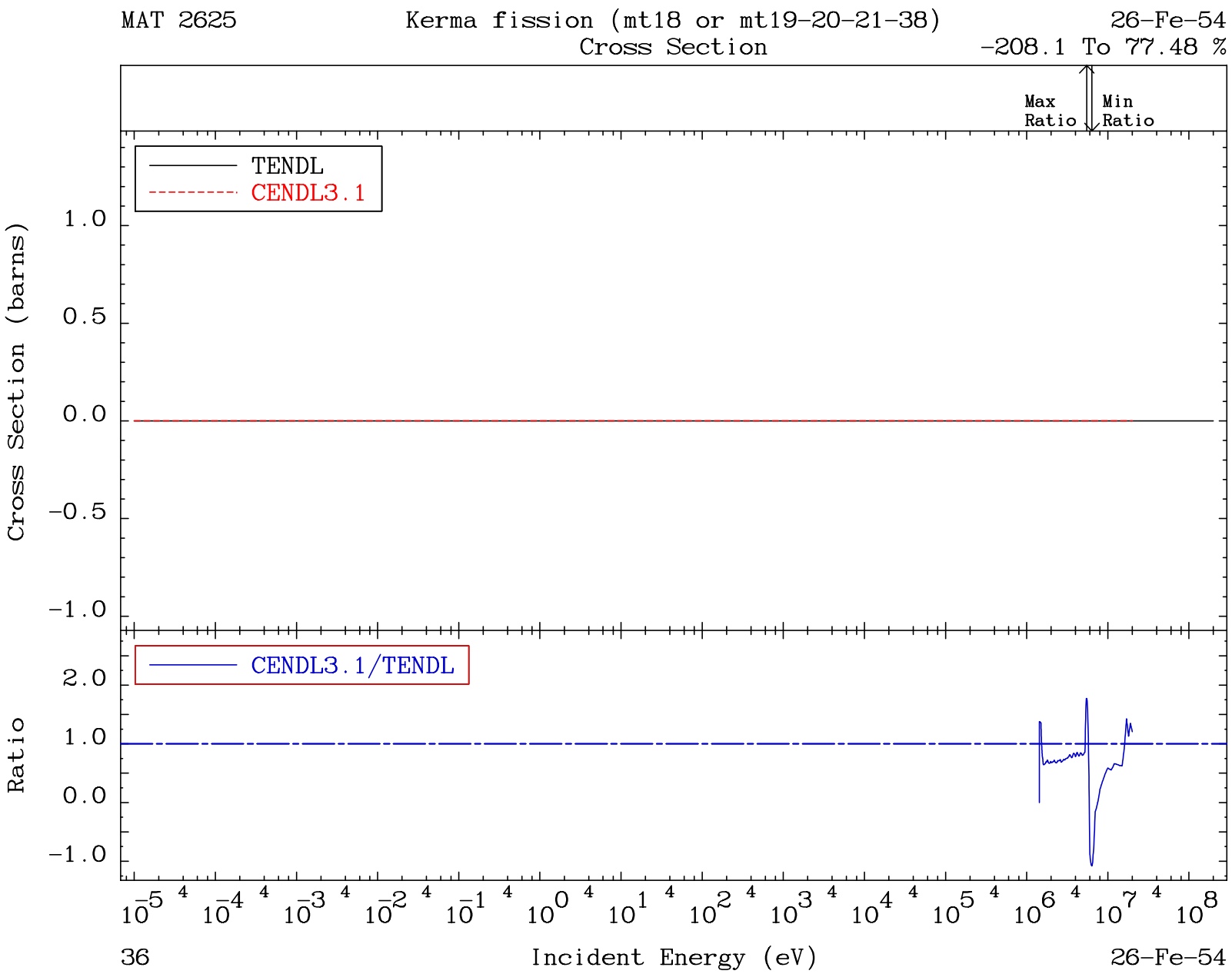

MAT 2625
He-4 Production
Cross Section
26-Fe-54
-33.67 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 701.29 keV
CENDL3.1 Threshold 200.00 eV
Cross Section (milli-barns)
250
200
150
100
50
0
CENDL3.1/TENDL
Ratio
10^4
10^2
10^0
2 3 5 7 10^3 2 3 5 7 10^4 2 3 5 7 10^5 2 3 5 7 10^6 2 3 5 7 10^7 2 3 5 7 10^8 2
31
Incident Energy (eV)
26-Fe-54

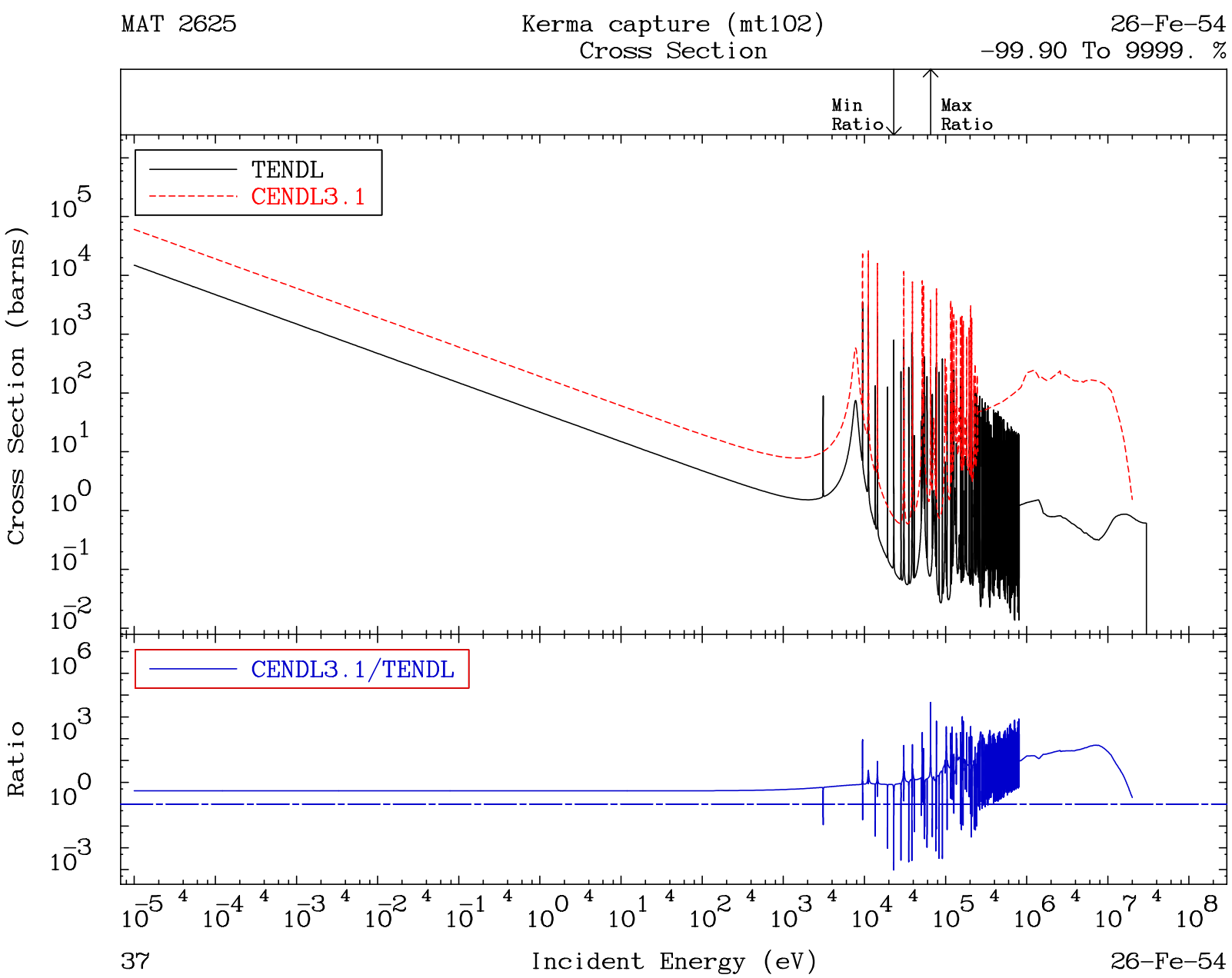

MAT 2625
Kerma total (eV-barns)
Cross Section
26-Fe-54
-98.13 To 9999. %
Max Ratio
Min Ratio
TENDL
CENDL3.1
Cross Section (barns)
CENDL3.1/TENDL
Ratio
Incident Energy (eV)
32
26-Fe-54

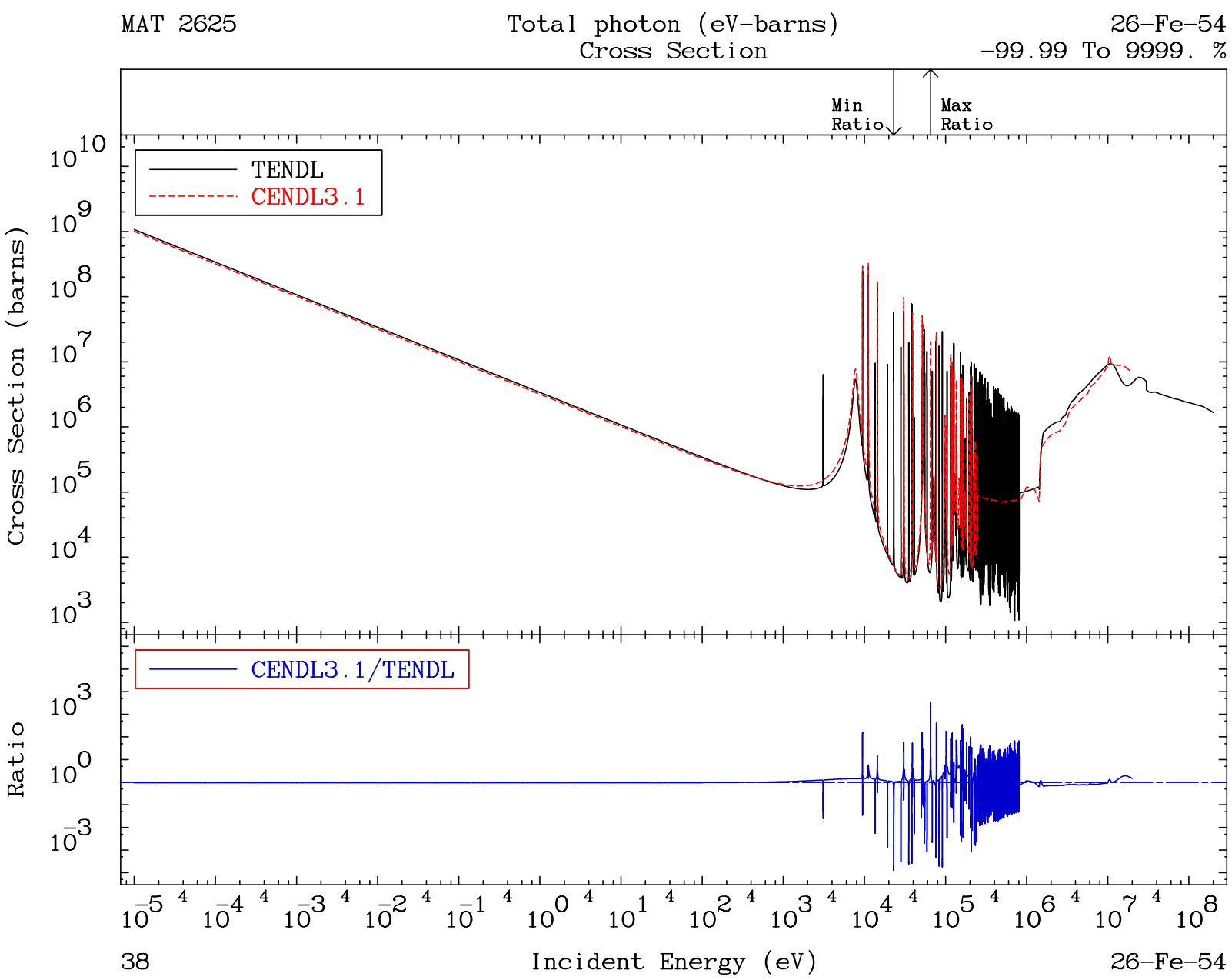

MAT 2625
Kerma elastic
Cross Section
26-Fe-54
-98.13 To 9999. %
Max Ratio
Min Ratio
TENDL
CENDL3.1
Cross Section (barns)
CENDL3.1/TENDL
Ratio
Incident Energy (eV)
33
26-Fe-54

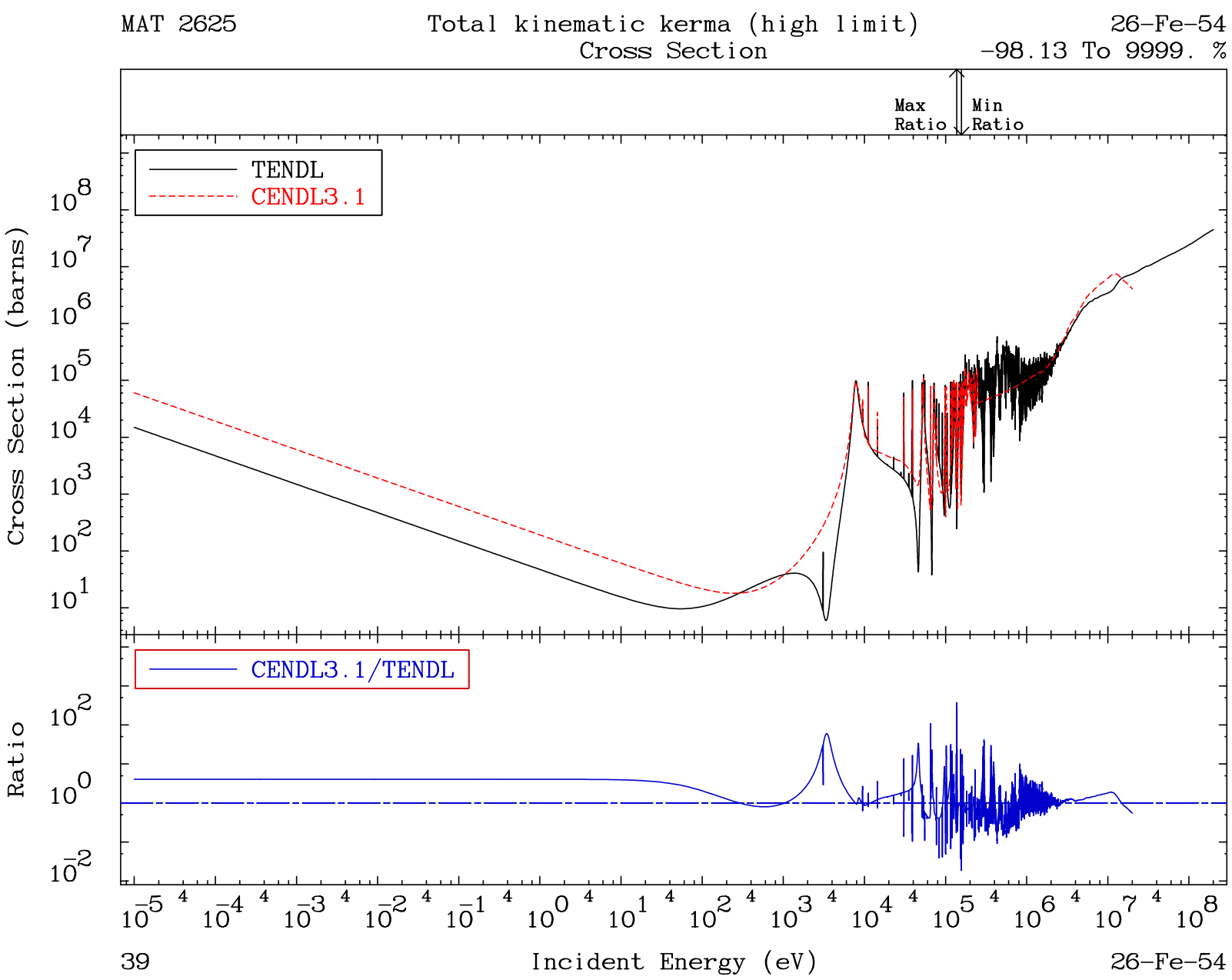

MAT 2625
Kerma non-elastic (all but mt2)
Cross Section
26-Fe-54
-99.90 To 9999. %
Min Ratio
Max Ratio
TENDL
CENDL3.1
Cross Section (barns)
CENDL3.1/TENDL
Ratio
Incident Energy (eV)
34
26-Fe-54

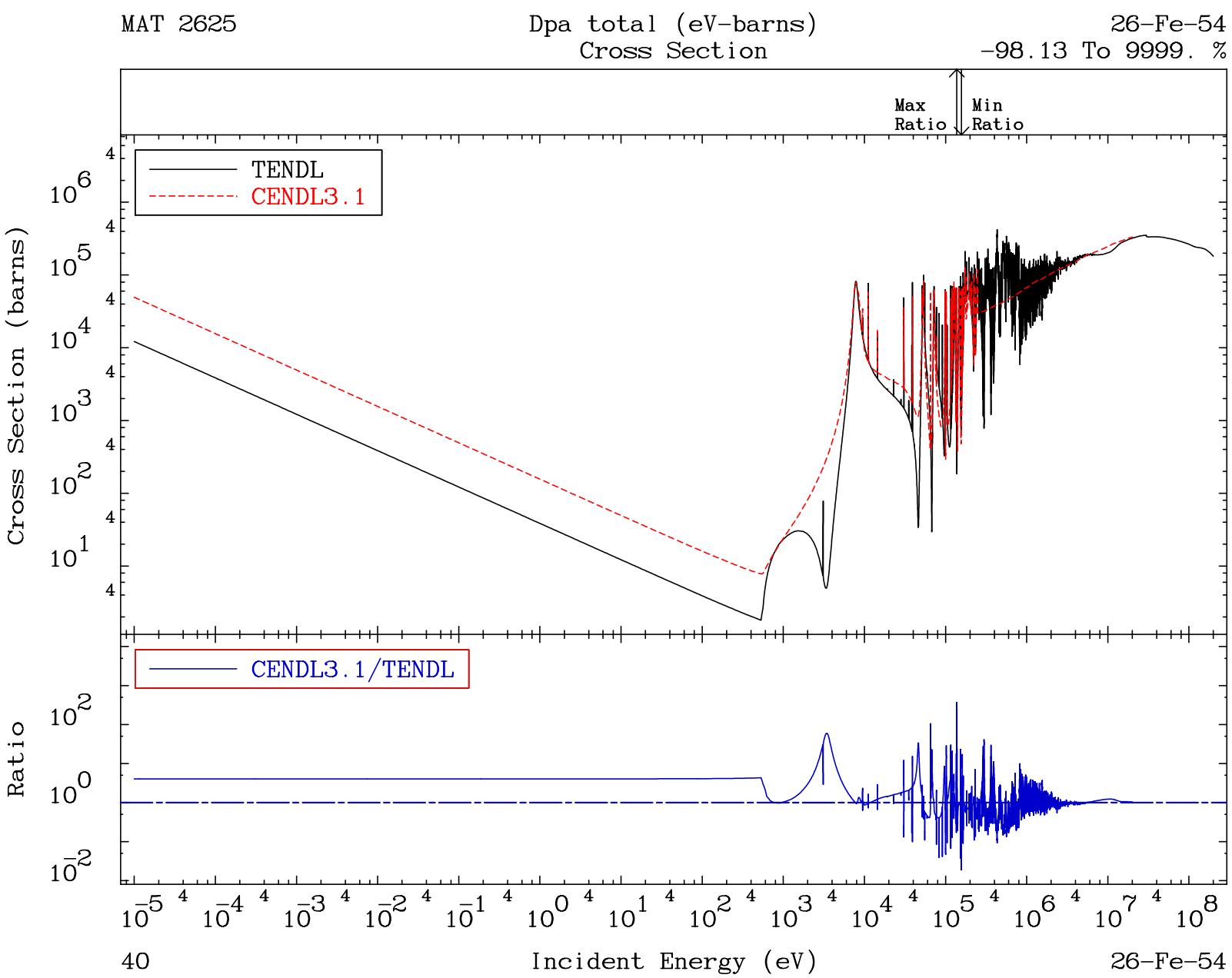

MAT 2625
Kerma inelastic (mt51-91)
Cross Section
26-Fe-54
-208.1 To 77.48 %
Max Ratio
Min Ratio
TENDL Threshold 1.4345 MeV
CENDL3.1 Threshold 1.4345 MeV
Cross Section (barns)
CENDL3.1/TENDL
Ratio
Incident Energy (eV)
35
26-Fe-54

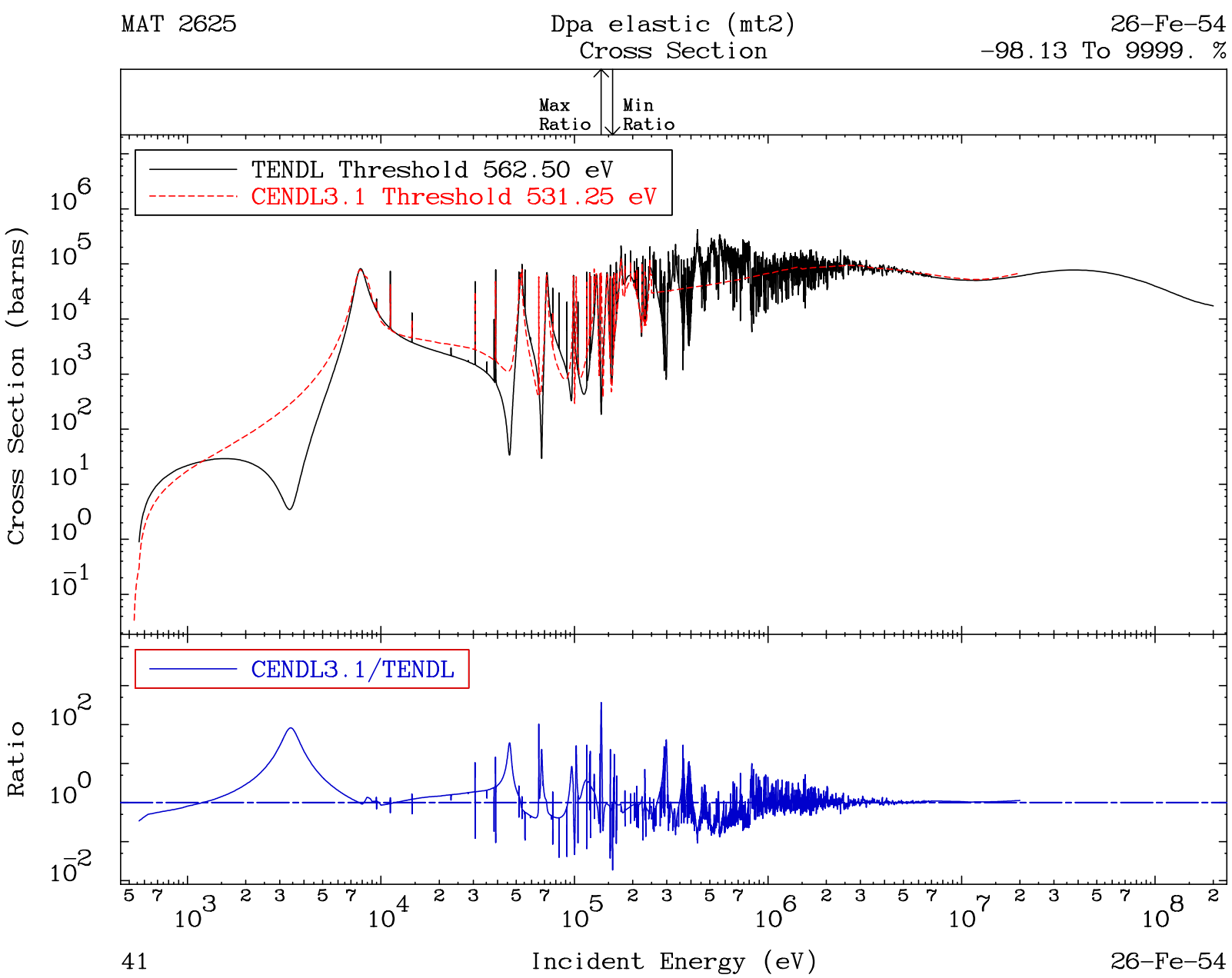

MAT 2625
Kerma fission (mt18 or mt19-20-21-38)
Cross Section
26-Fe-54
-208.1 To 77.48 %
Max Ratio
Min Ratio
TENDL
CENDL3.1
Cross Section (barns)
1.0
0.5
0.0
-0.5
-1.0
CENDL3.1/TENDL
Ratio
2.0
1.0
0.0
-1.0
10-5 4 10-4 4 10-3 4 10-2 4 10-1 4 100 4 101 4 102 4 103 4 104 4 105 4 106 4 107 4 108
36
Incident Energy (eV)
26-Fe-54

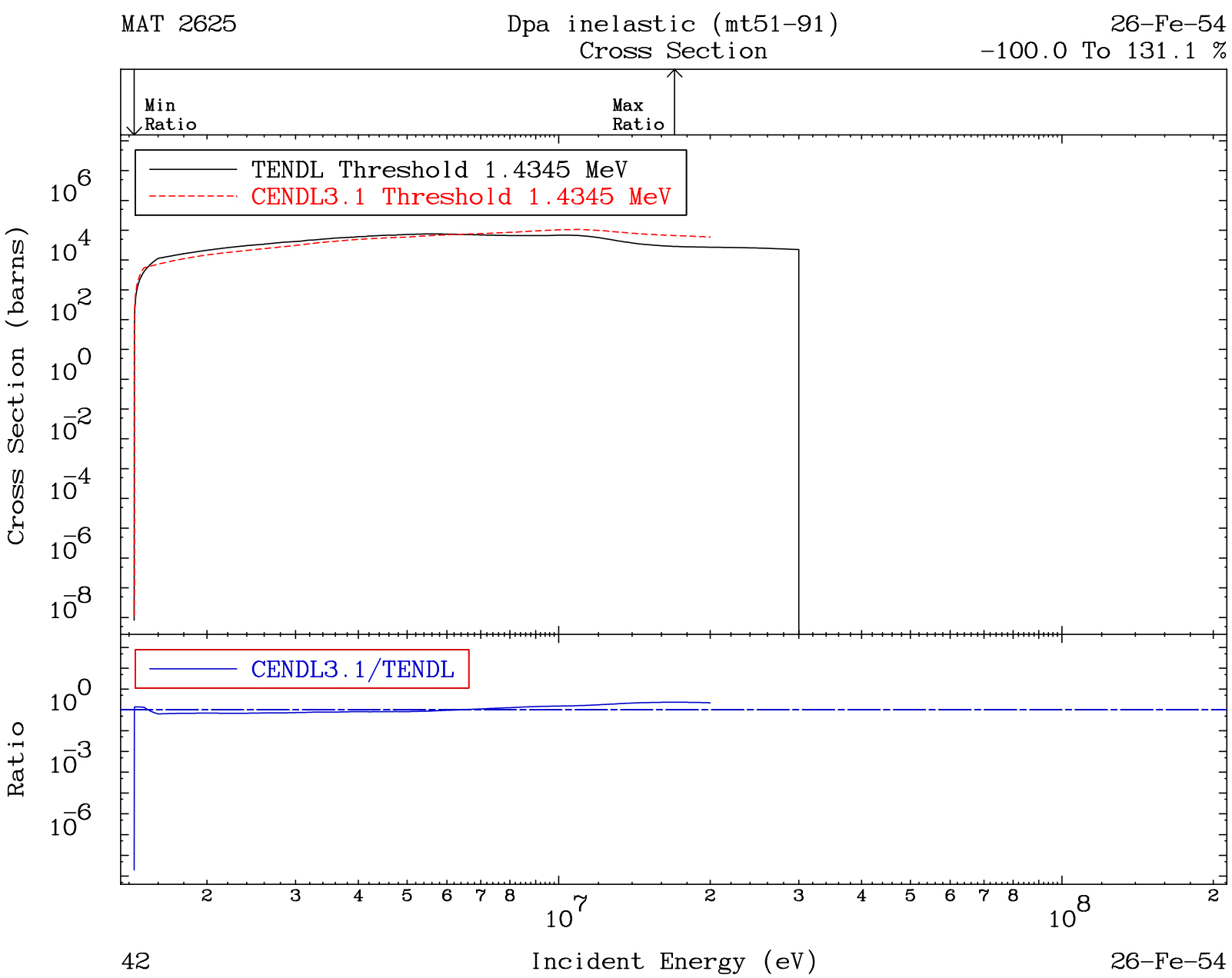

MAT 2625
Kerma capture (mt102)
Cross Section
26-Fe-54
-99.90 To 9999. %
Min Ratio
Max Ratio
TENDL
CENDL3.1
Cross Section (barns)
CENDL3.1/TENDL
Ratio
Incident Energy (eV)
37
26-Fe-54

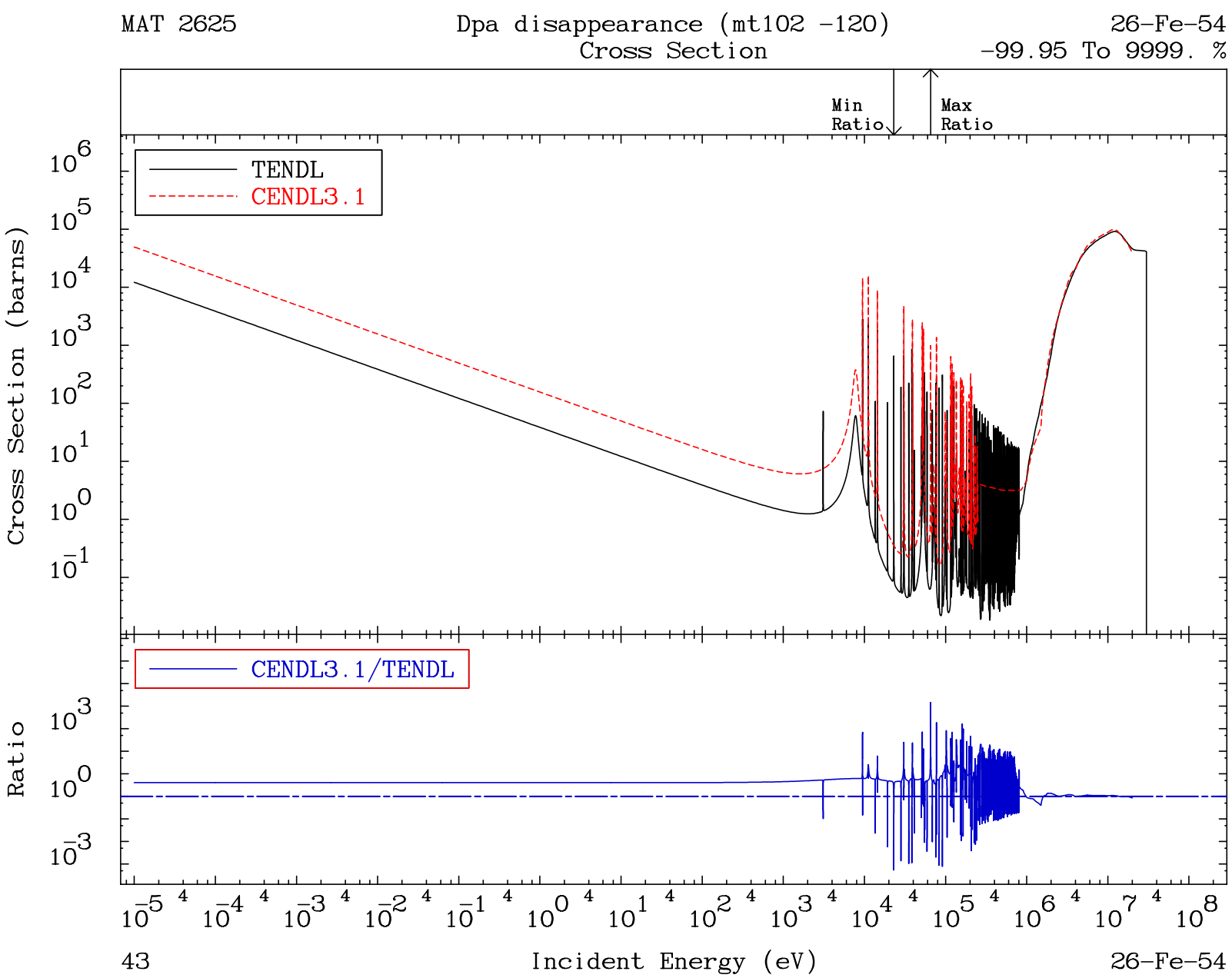

MAT 2625
Total photon (eV-barns)
Cross Section
26-Fe-54
-99.99 To 9999. %
Min Ratio
Max Ratio
TENDL
CENDL3.1
Cross Section (barns)
CENDL3.1/TENDL
Ratio
Incident Energy (eV)
38
26-Fe-54

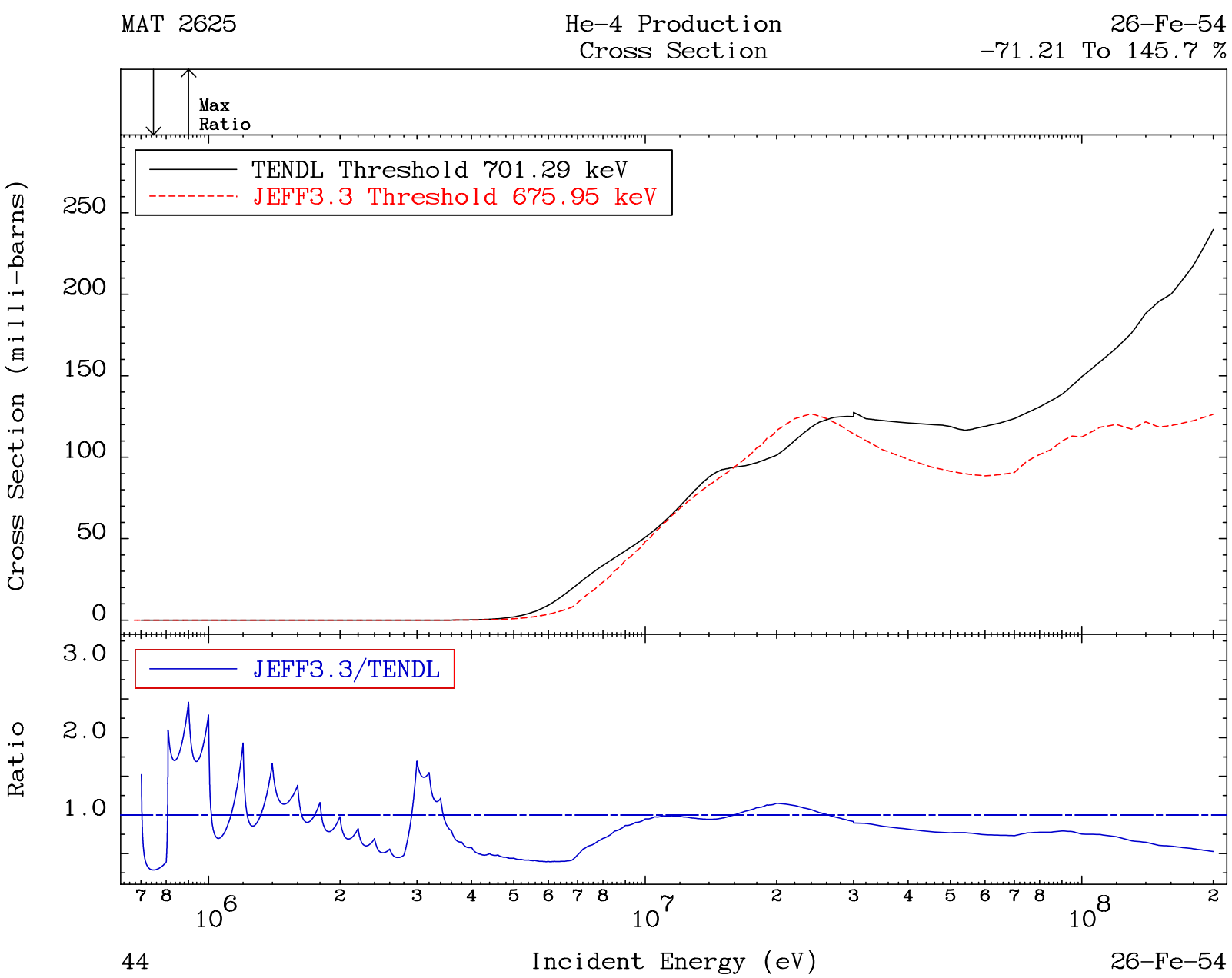

MAT 2625
Total kinematic kerma (high limit)
Cross Section
26-Fe-54
-98.13 To 9999. %
Max Ratio
Min Ratio
TENDL
CENDL3.1
Cross Section (barns)
CENDL3.1/TENDL
Ratio
Incident Energy (eV)
39
26-Fe-54

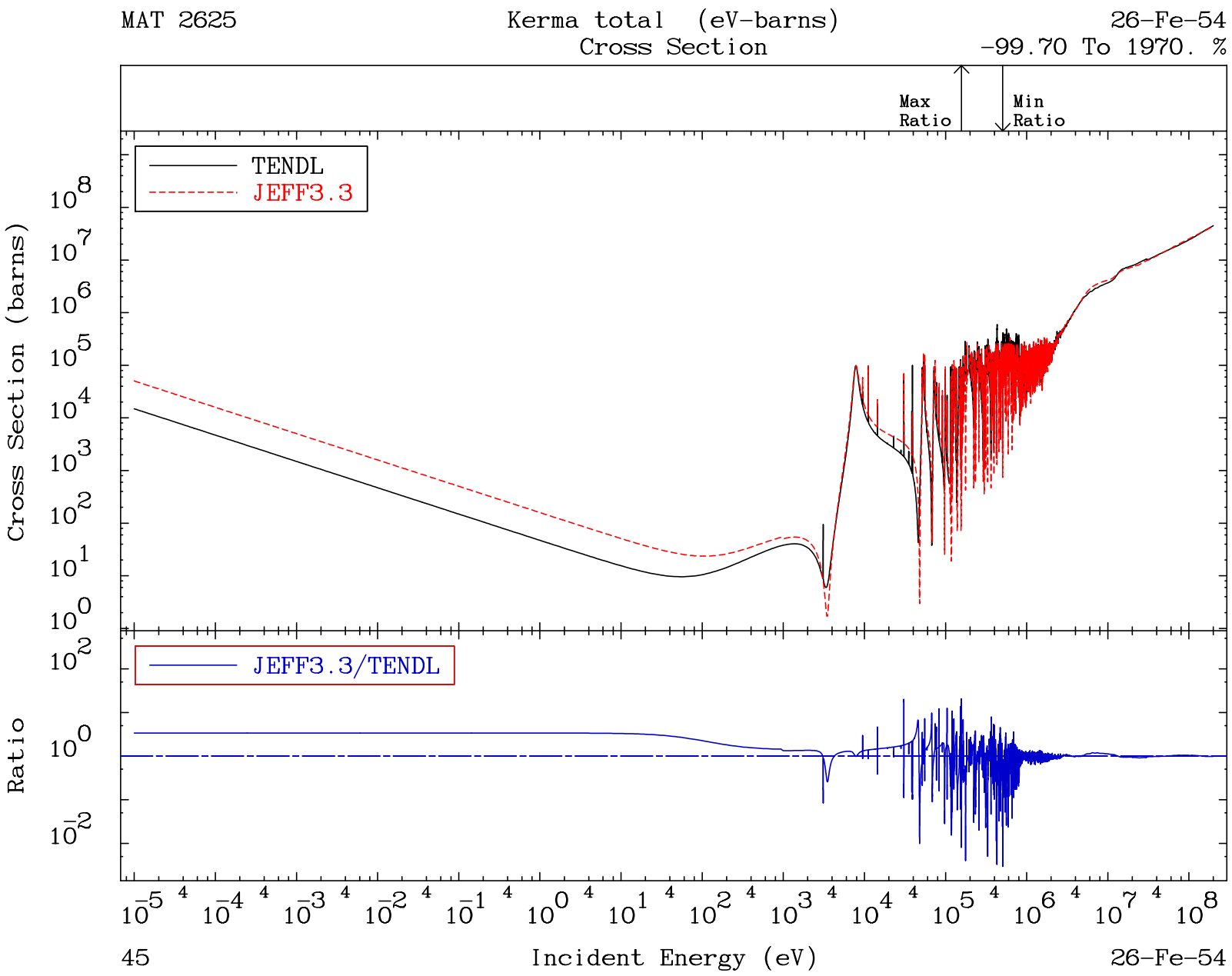

MAT 2625
Dpa total (eV-barns)
Cross Section
26-Fe-54
-98.13 To 9999. %
Max Ratio
Min Ratio
TENDL
CENDL3.1
Cross Section (barns)
CENDL3.1/TENDL
Ratio
Incident Energy (eV)
40
26-Fe-54

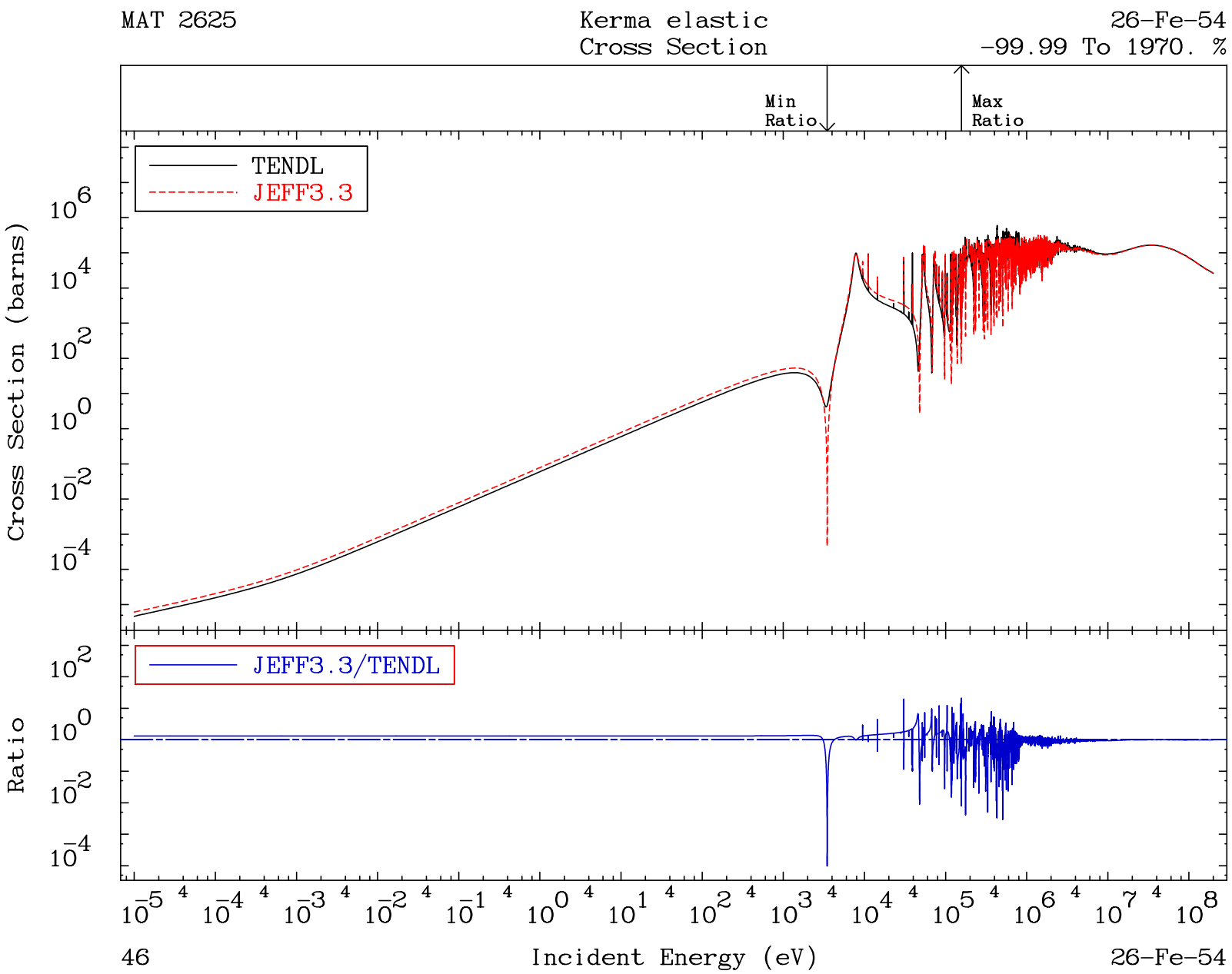

MAT 2625
Dpa elastic (mt2)
Cross Section
26-Fe-54
-98.13 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 562.50 eV
CENDL3.1 Threshold 531.25 eV
Cross Section (barns)
CENDL3.1/TENDL
Ratio
Incident Energy (eV)
41
26-Fe-54

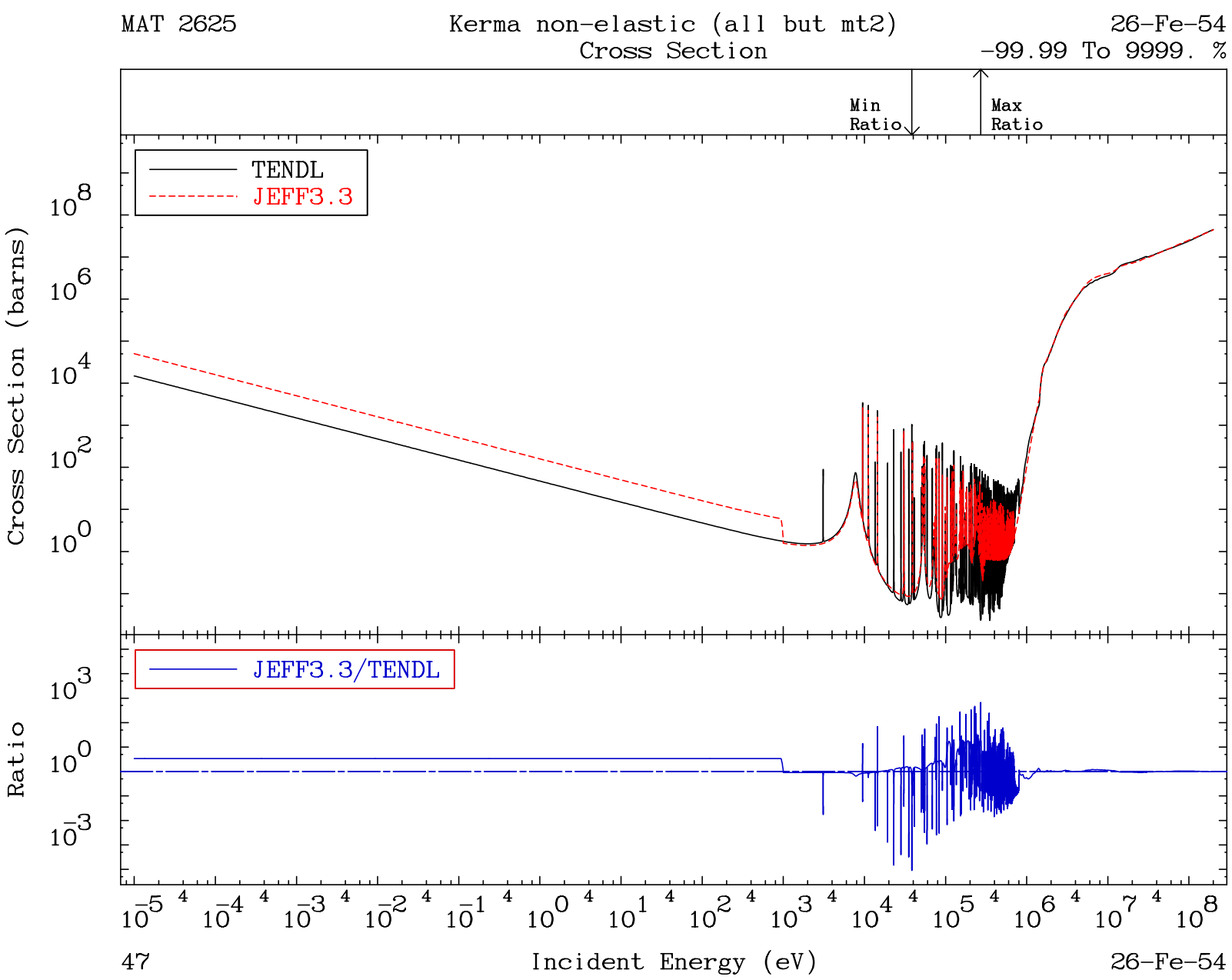

MAT 2625
Dpa inelastic (mt51-91)
Cross Section
26-Fe-54
-100.0 To 131.1 %
Min Ratio
Max Ratio
TENDL Threshold 1.4345 MeV
CENDL3.1 Threshold 1.4345 MeV
Cross Section (barns)
CENDL3.1/TENDL
Ratio
Incident Energy (eV)
42
26-Fe-54

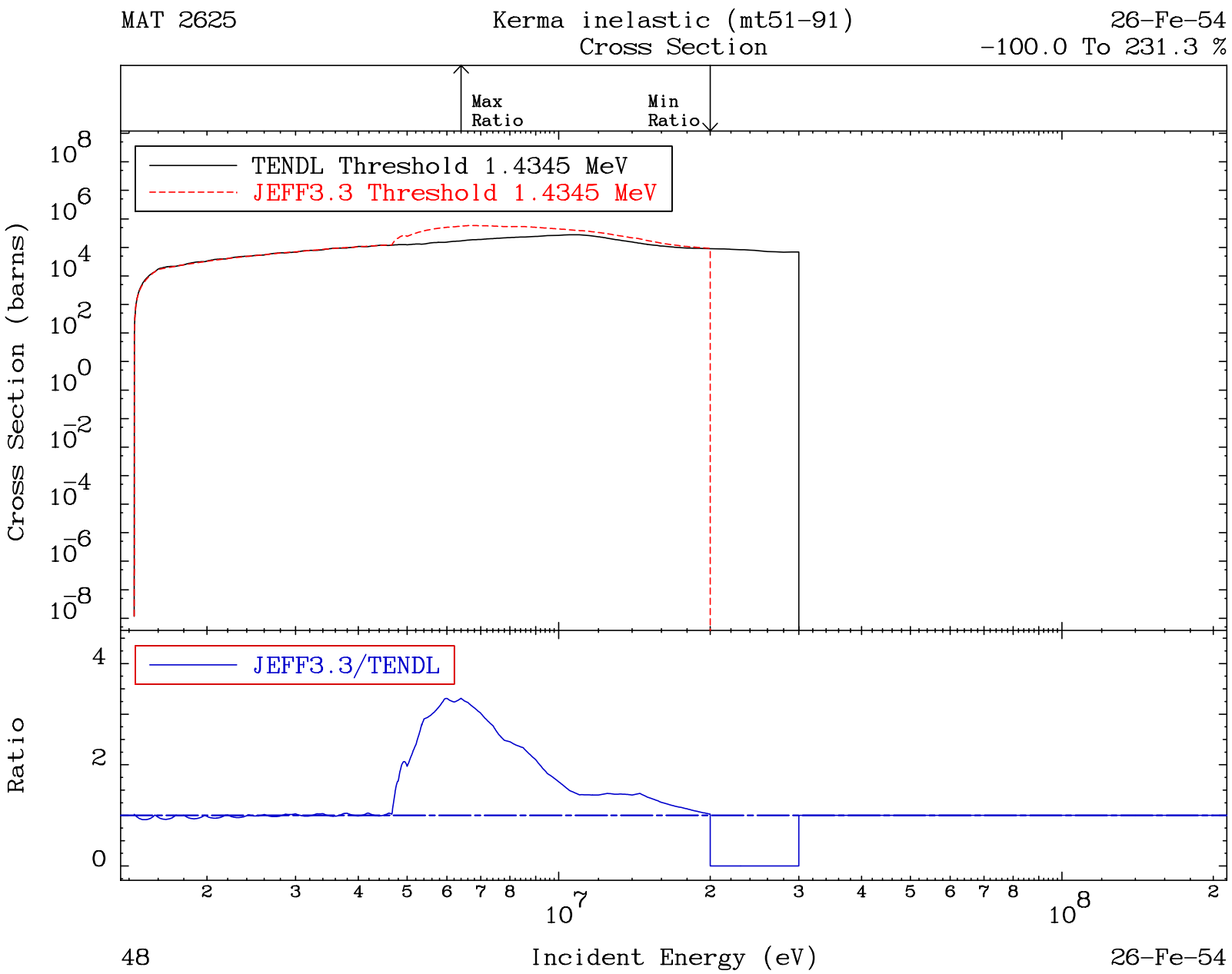

MAT 2625
Dpa disappearance (mt102 -120)
Cross Section
26-Fe-54
-99.95 To 9999. %
Min Ratio
Max Ratio
TENDL
CENDL3.1
Cross Section (barns)
CENDL3.1/TENDL
Ratio
Incident Energy (eV)
43
26-Fe-54

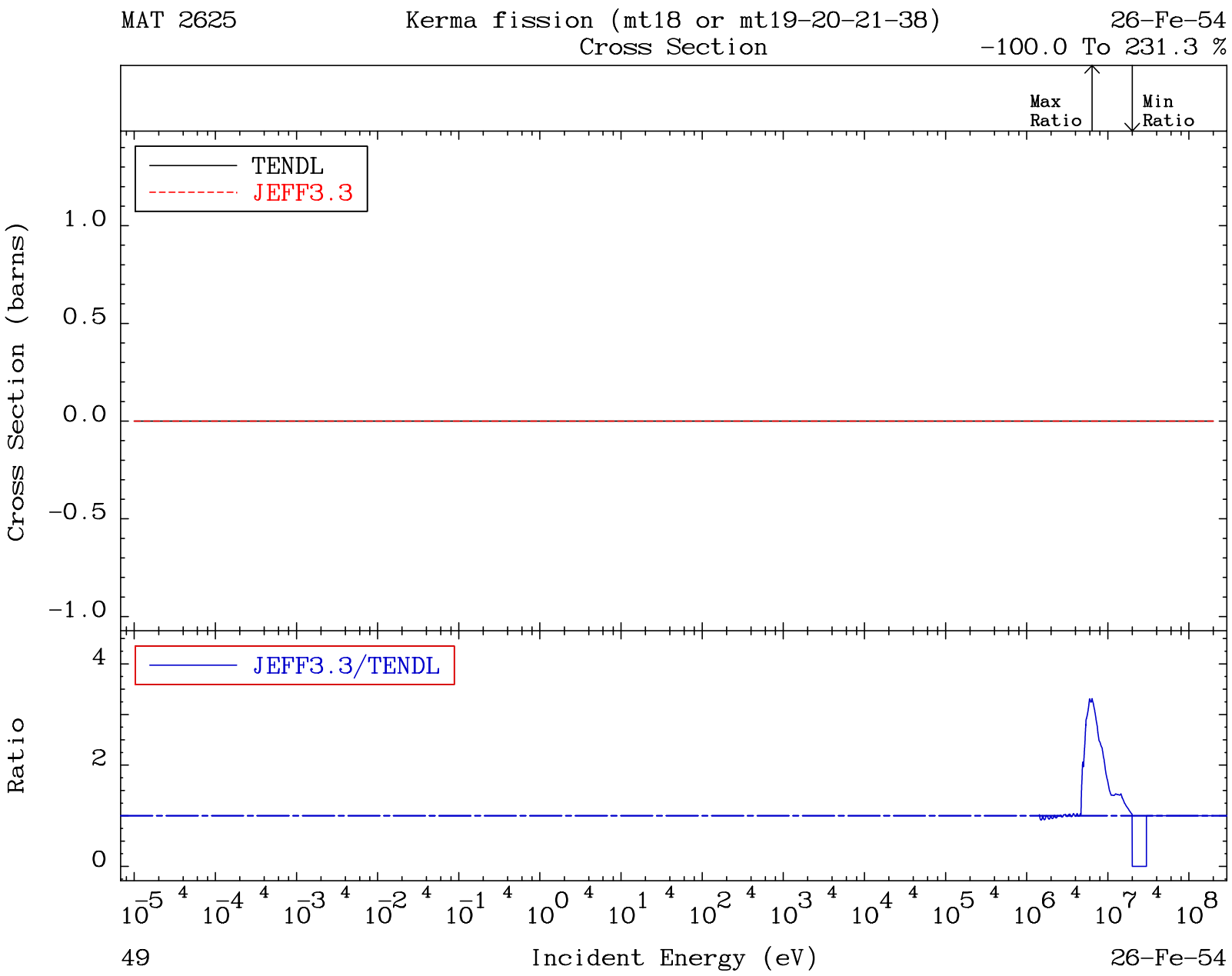

MAT 2625
He-4 Production
Cross Section
26-Fe-54
-71.21 To 145.7 %
Max
Ratio
TENDL Threshold 701.29 keV
JEFF3.3 Threshold 675.95 keV
Cross Section (milli-barns)
250
200
150
100
50
0
JEFF3.3/TENDL
Ratio
3.0
2.0
1.0
7 8
10^6
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
44
Incident Energy (eV)
26-Fe-54

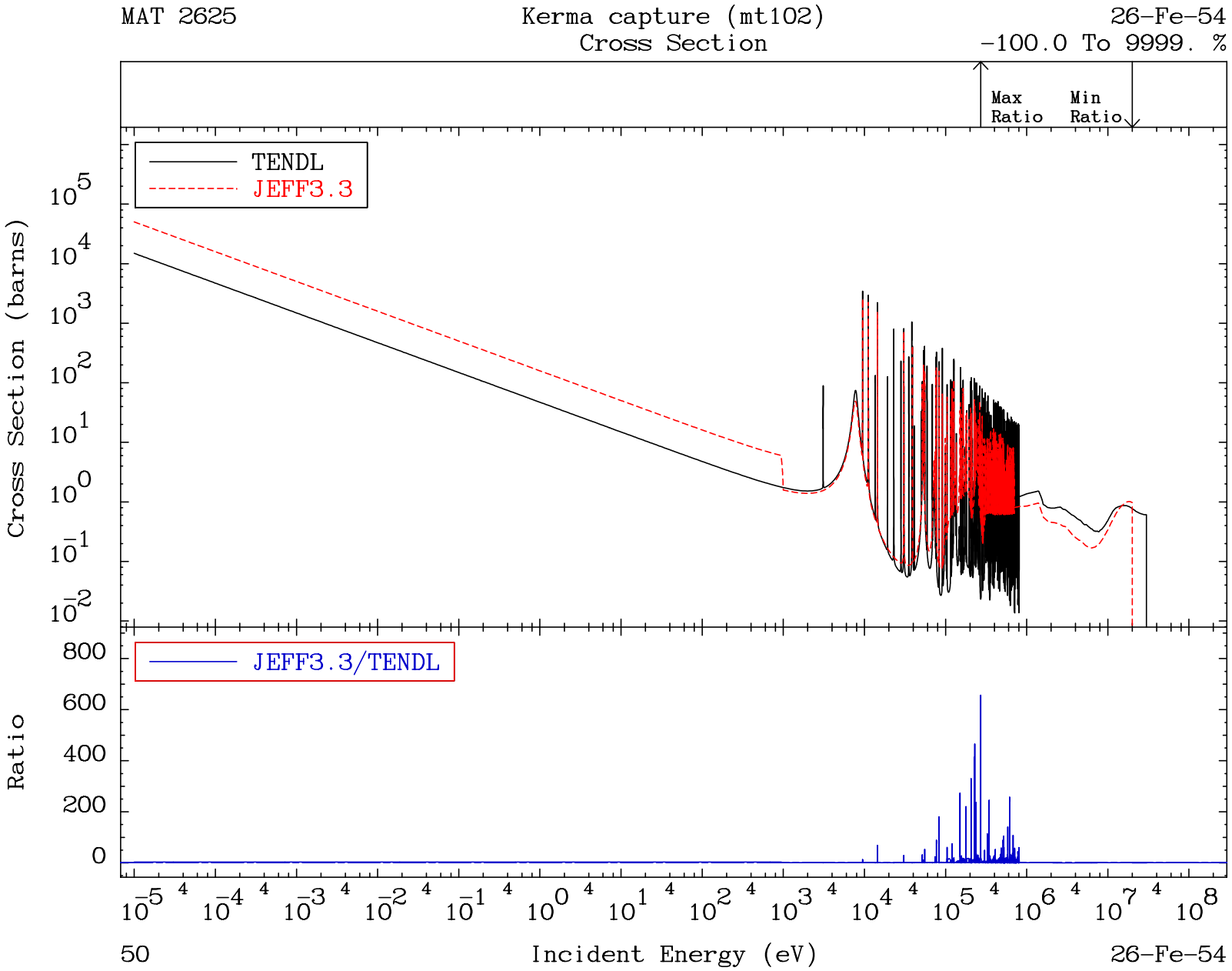

MAT 2625
Kerma total (eV-barns)
Cross Section
26-Fe-54
-99.70 To 1970. %
Max Ratio
Min Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
45
26-Fe-54

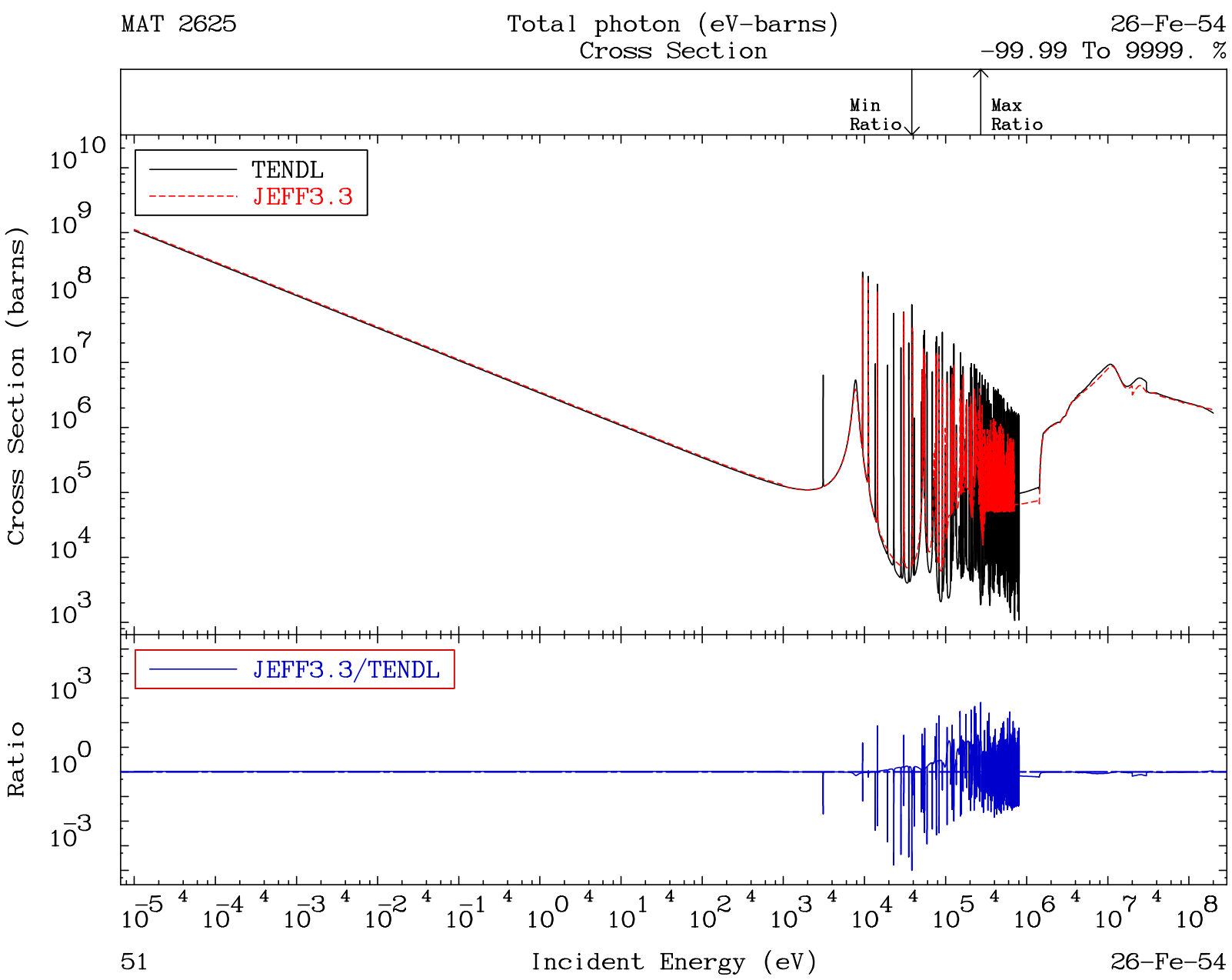

MAT 2625
Kerma elastic
Cross Section
26-Fe-54
-99.99 To 1970. %
Min Ratio
Max Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
46
26-Fe-54

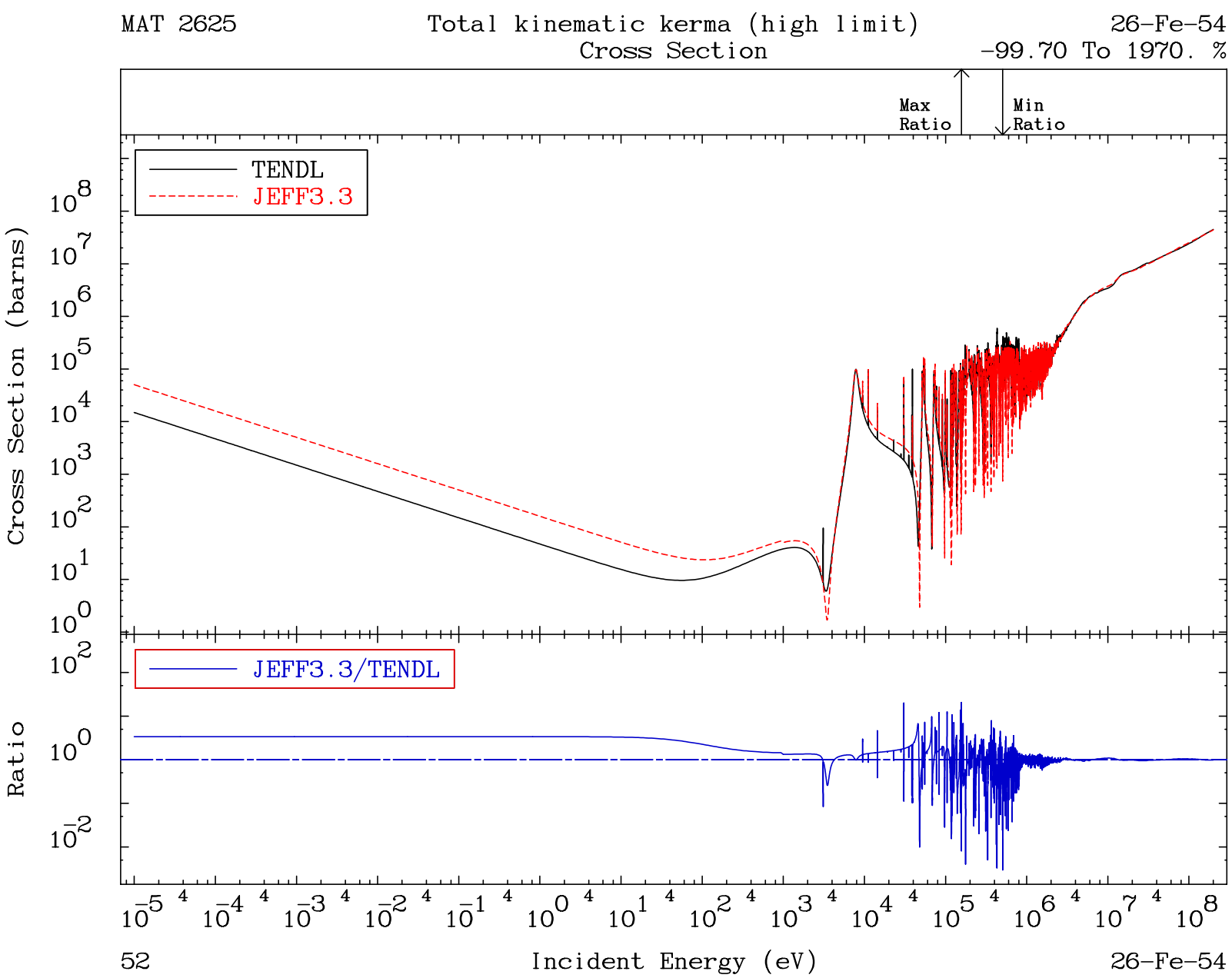

MAT 2625
Kerma non-elastic (all but mt2)
Cross Section
26-Fe-54
-99.99 To 9999. %
Min Ratio
Max Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
47
26-Fe-54

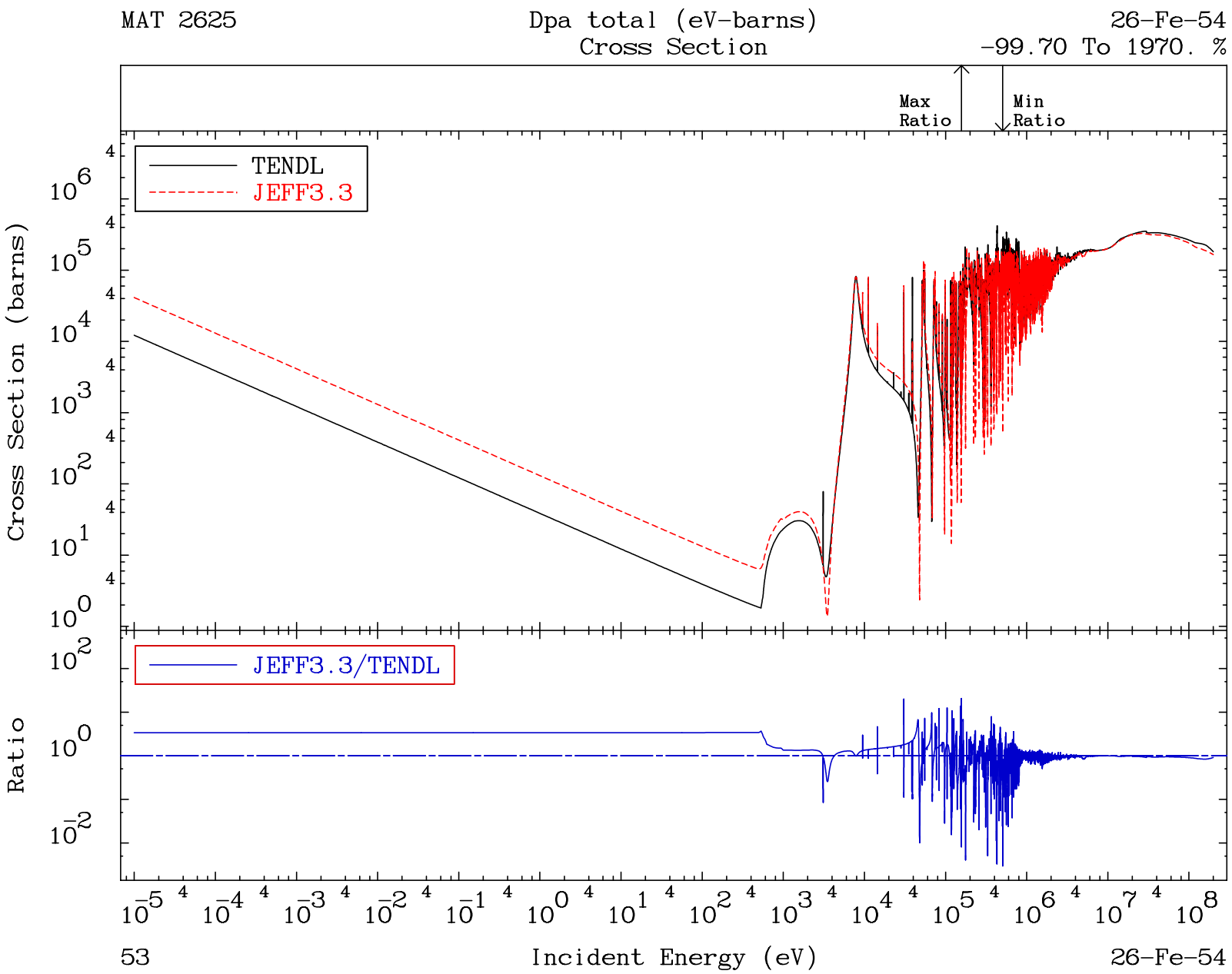

MAT 2625
Kerma inelastic (mt51-91)
Cross Section
26-Fe-54
-100.0 To 231.3 %
Max Ratio
Min Ratio
TENDL Threshold 1.4345 MeV
JEFF3.3 Threshold 1.4345 MeV
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
48
26-Fe-54

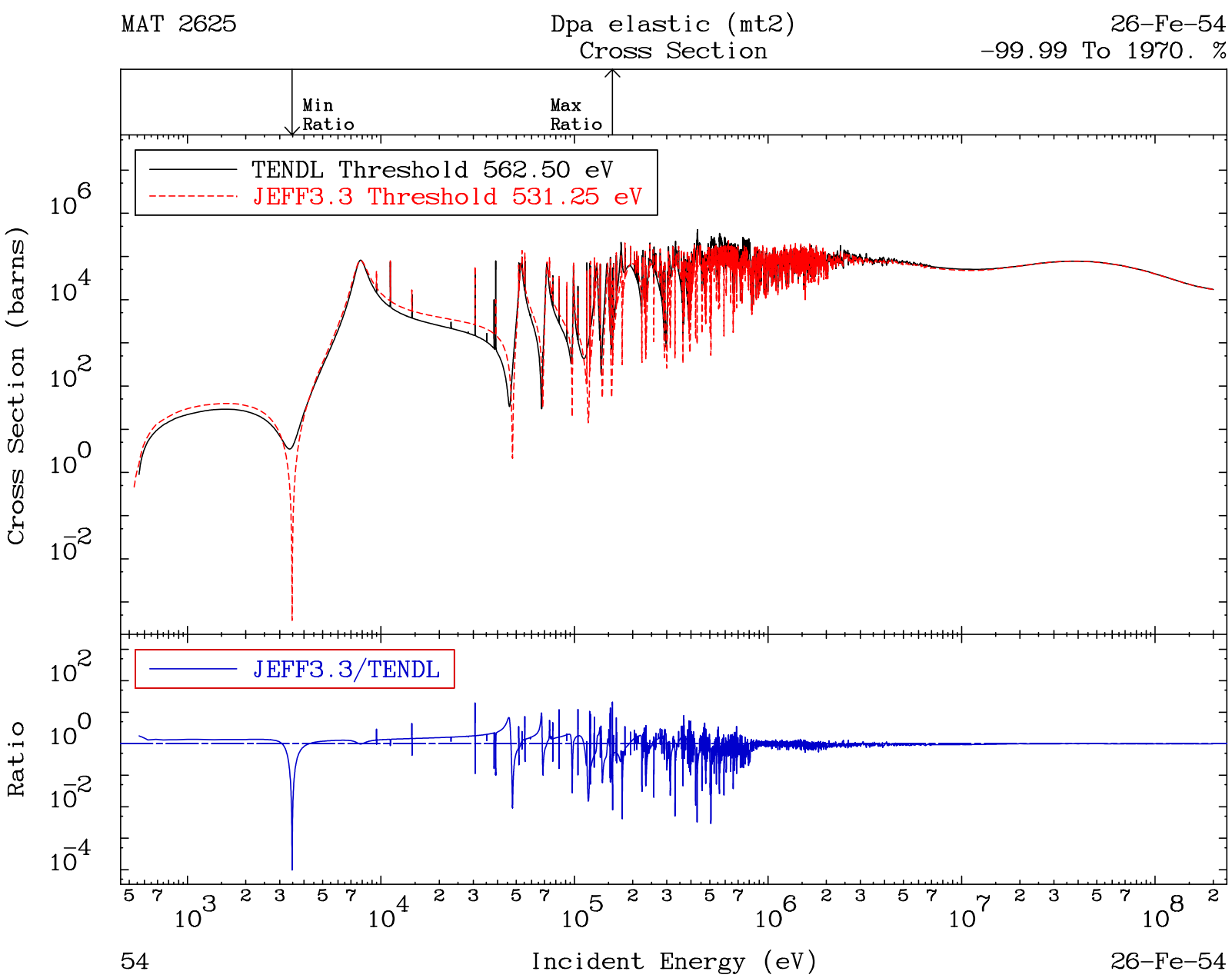

MAT 2625
Kerma fission (mt18 or mt19-20-21-38)
Cross Section
26-Fe-54
-100.0 To 231.3 %
Max Ratio
Min Ratio
TENDL
JEFF3.3
Cross Section (barns)
1.0
0.5
0.0
-0.5
-1.0
JEFF3.3/TENDL
Ratio
4
2
0
10-5 10-4 10-3 10-2 10-1 100 101 102 103 104 105 106 107 108
49
Incident Energy (eV)
26-Fe-54

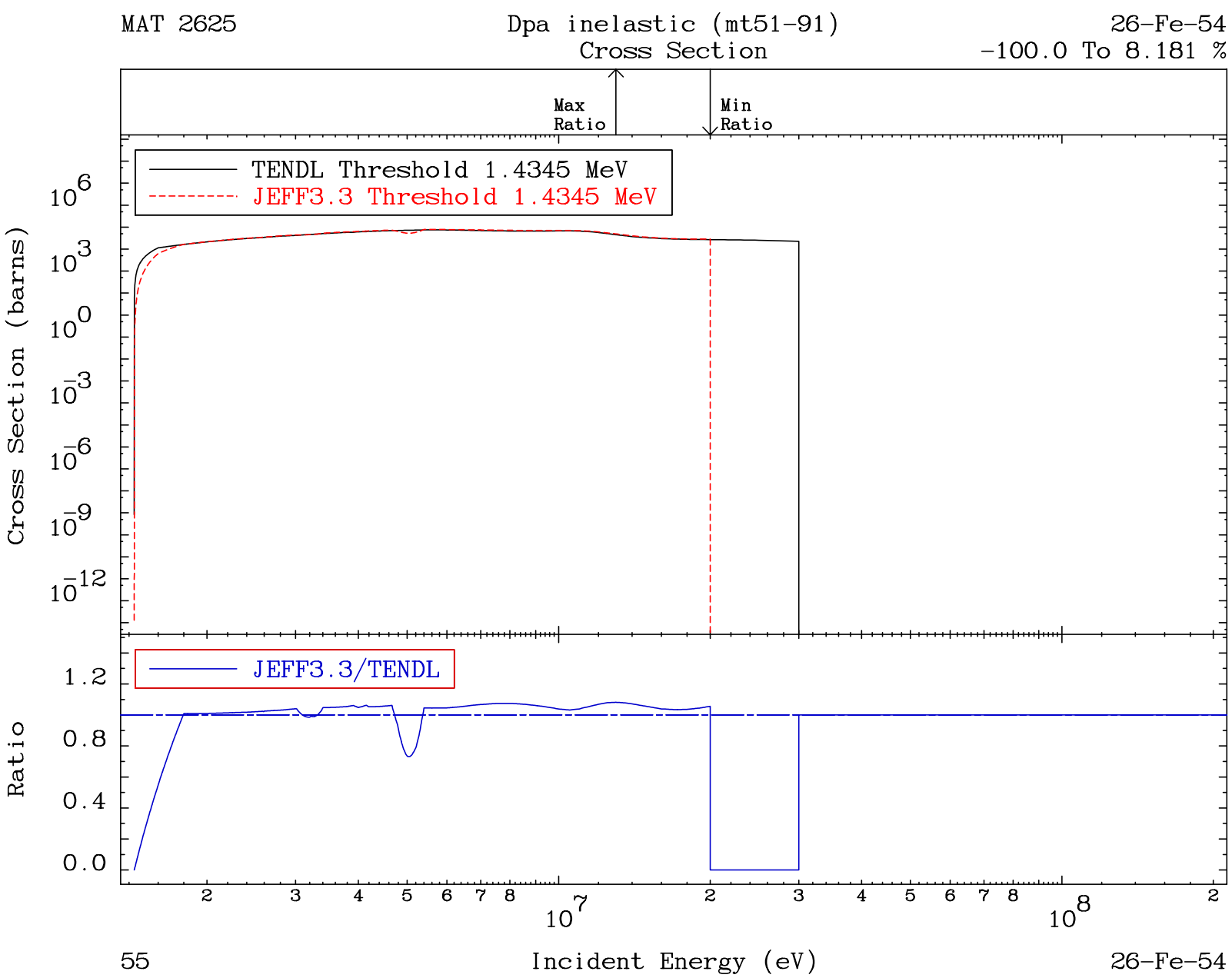

MAT 2625
Kerma capture (mt102)
Cross Section
26-Fe-54
-100.0 To 9999. %
Max Ratio
Min Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
50
26-Fe-54

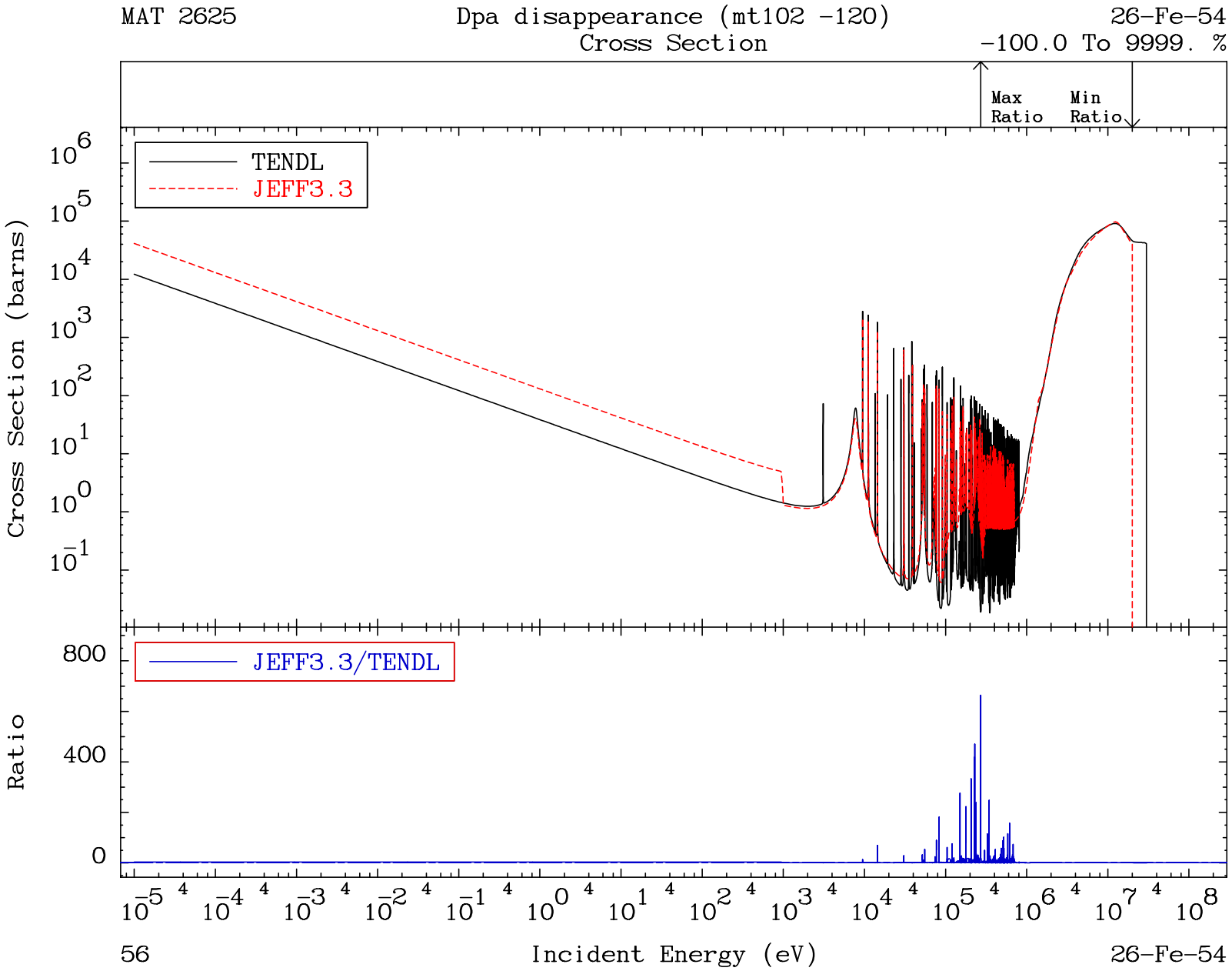

MAT 2625
Total photon (eV-barns)
Cross Section
26-Fe-54
-99.99 To 9999. %
Min Ratio
Max Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
51
26-Fe-54

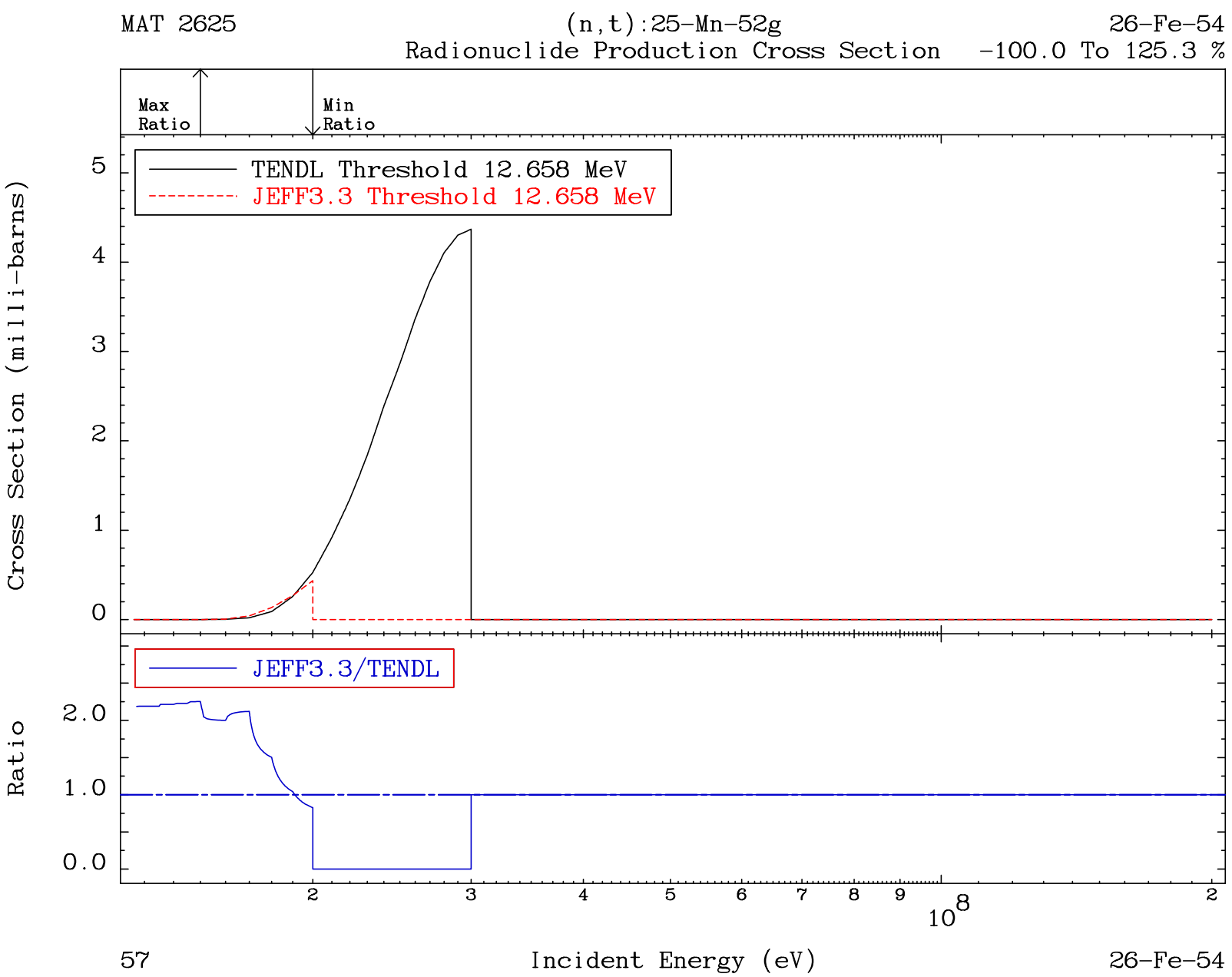

MAT 2625
Total kinematic kerma (high limit)
Cross Section
26-Fe-54
-99.70 To 1970. %
Max Ratio
Min Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
52
26-Fe-54

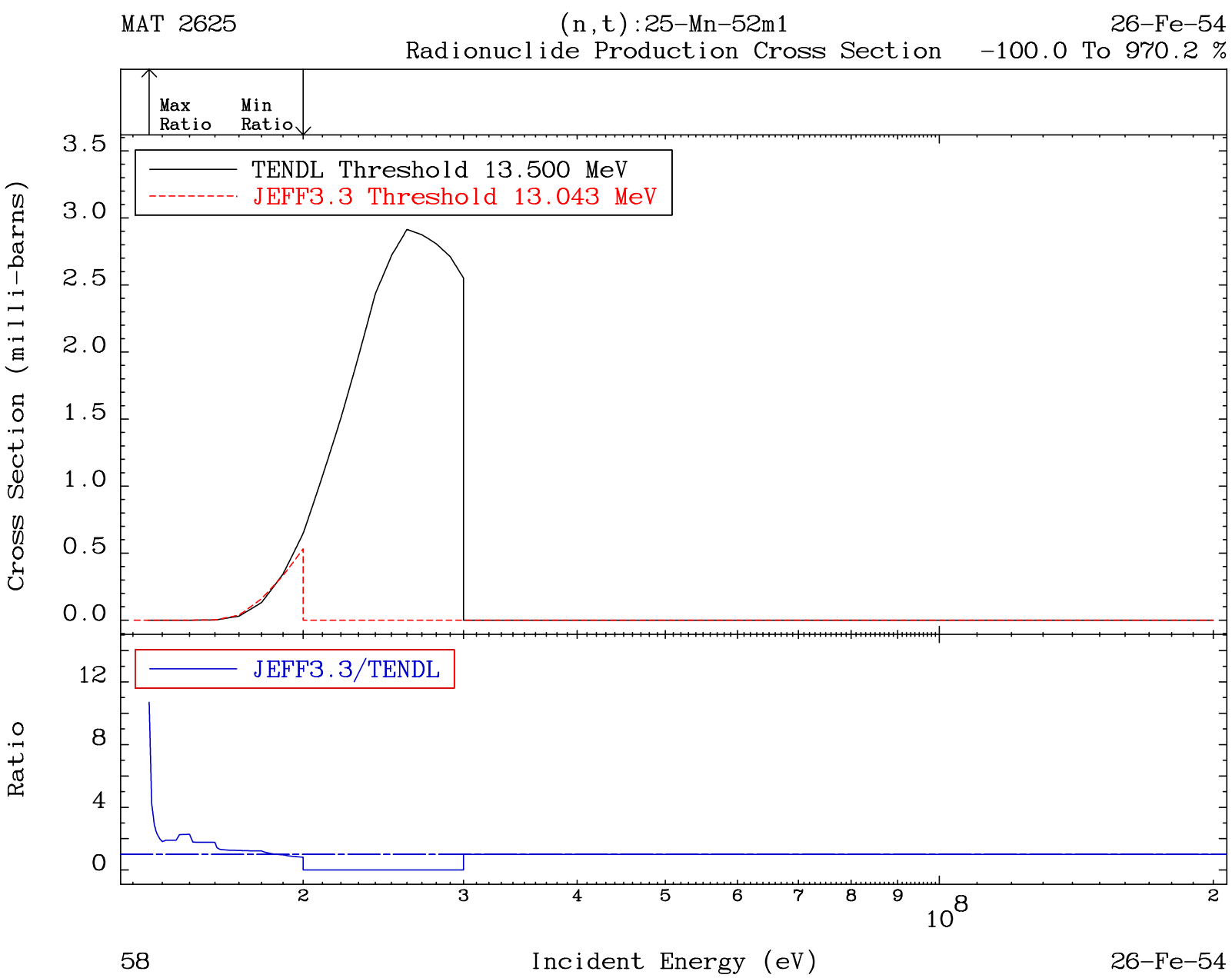

MAT 2625
Dpa total (eV-barns)
Cross Section
26-Fe-54
-99.70 To 1970. %
Max Ratio
Min Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
53
Incident Energy (eV)
26-Fe-54


MAT 2625
Dpa elastic (mt2)
Cross Section
26-Fe-54
-99.99 To 1970. %
Min Ratio
Max Ratio
TENDL Threshold 562.50 eV
JEFF3.3 Threshold 531.25 eV
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
54
26-Fe-54


MAT 2625
Dpa inelastic (mt51-91)
Cross Section
26-Fe-54
-100.0 To 8.181 %
Max Ratio
Min Ratio
TENDL Threshold 1.4345 MeV
JEFF3.3 Threshold 1.4345 MeV
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
55
26-Fe-54


MAT 2625
Dpa disappearance (mt102 -120)
Cross Section
26-Fe-54
-100.0 To 9999. %
Max Ratio
Min Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
56
26-Fe-54


MAT 2625
(n,t):25-Mn-52g
26-Fe-54
Radionuclide Production Cross Section -100.0 To 125.3 %
Max Ratio
Min Ratio
TENDL Threshold 12.658 MeV
JEFF3.3 Threshold 12.658 MeV
Cross Section (milli-barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
57
26-Fe-54


MAT 2625
(n,t):25-Mn-52m1
26-Fe-54
Radionuclide Production Cross Section -100.0 To 970.2 %
Max Ratio
Min Ratio
TENDL Threshold 13.500 MeV
JEFF3.3 Threshold 13.043 MeV
Cross Section (milli-barns)
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
JEFF3.3/TENDL
Ratio
12
8
4
0
2
3
4
5
6
7
8
9
10^8
2
58
Incident Energy (eV)
26-Fe-54