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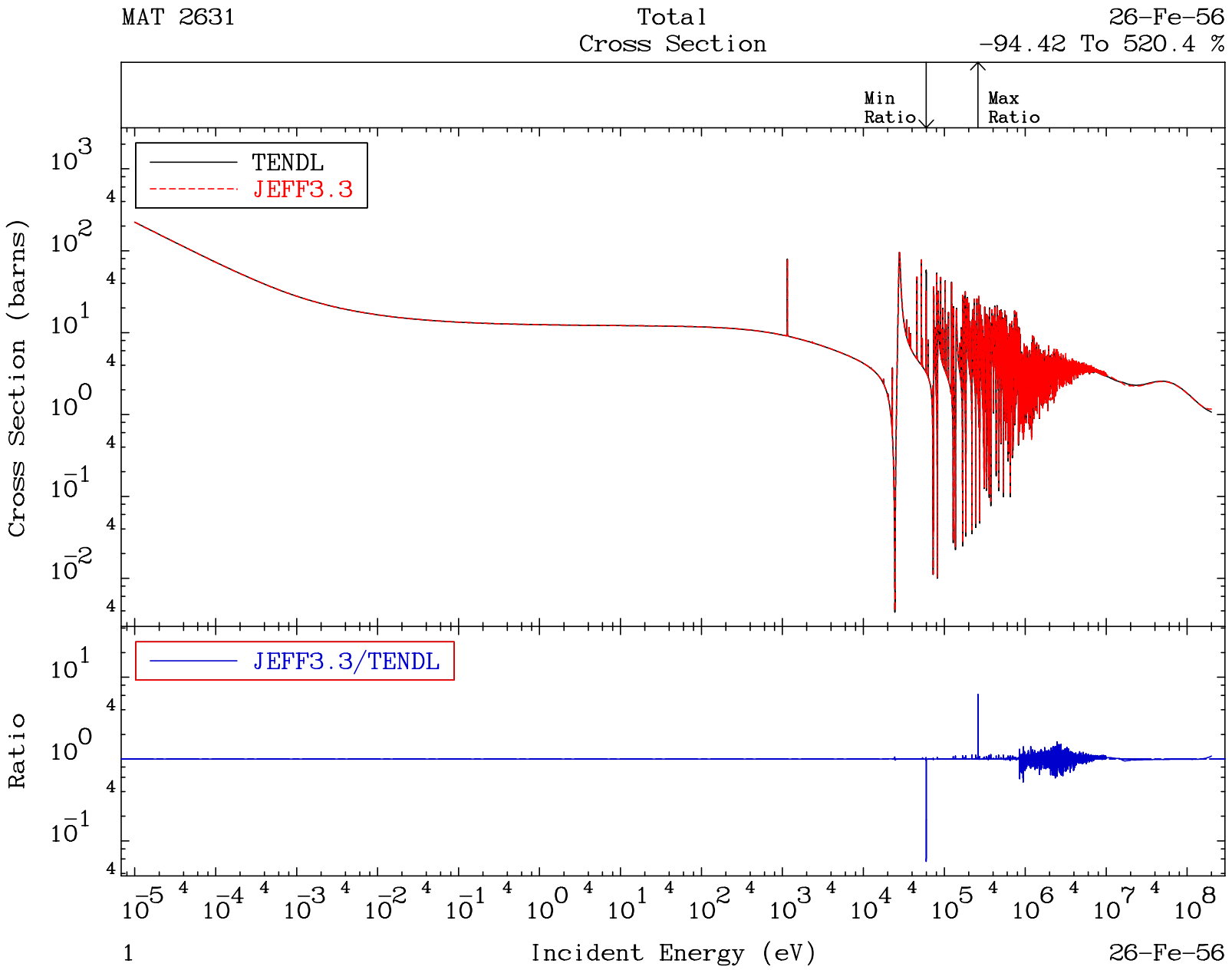
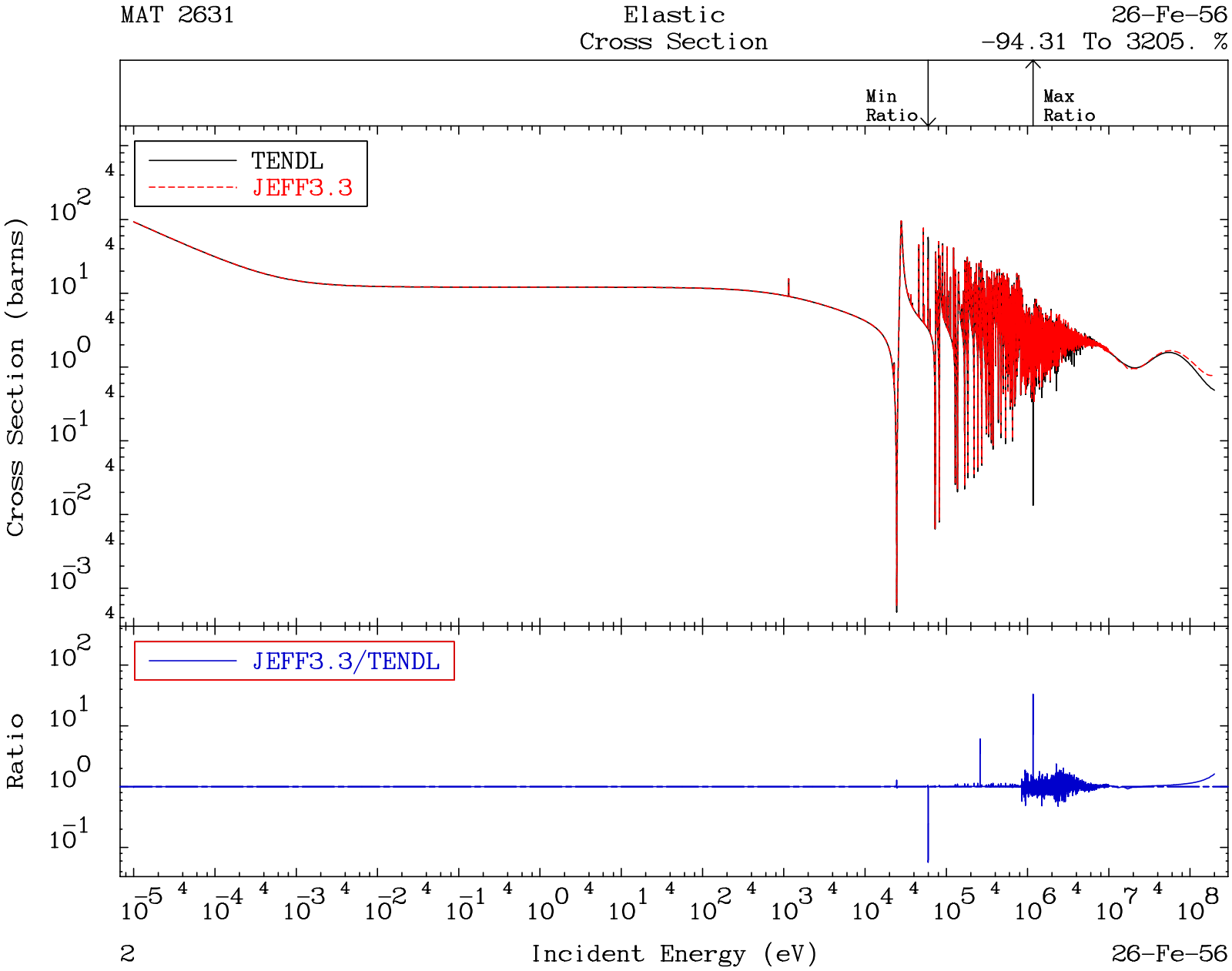
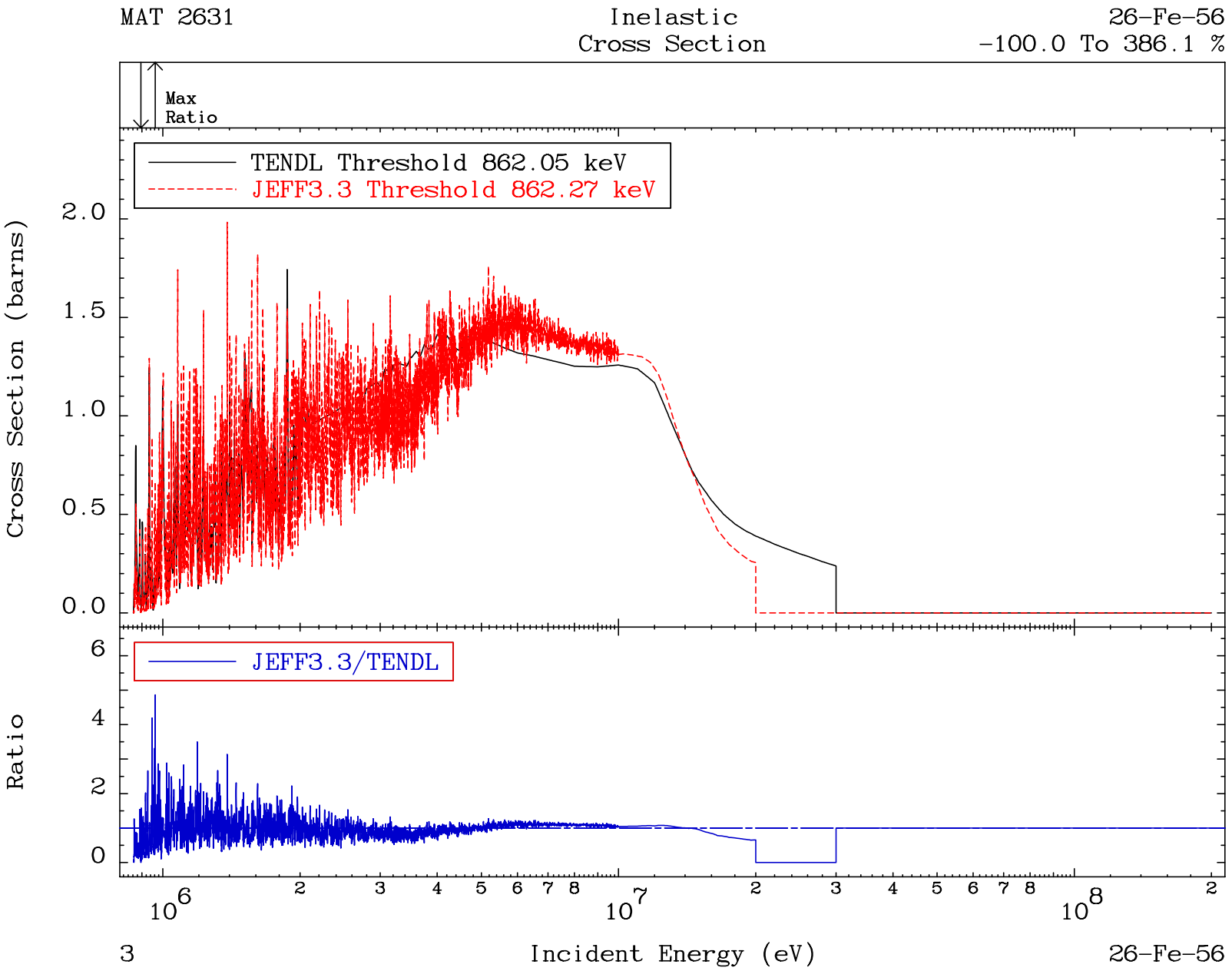
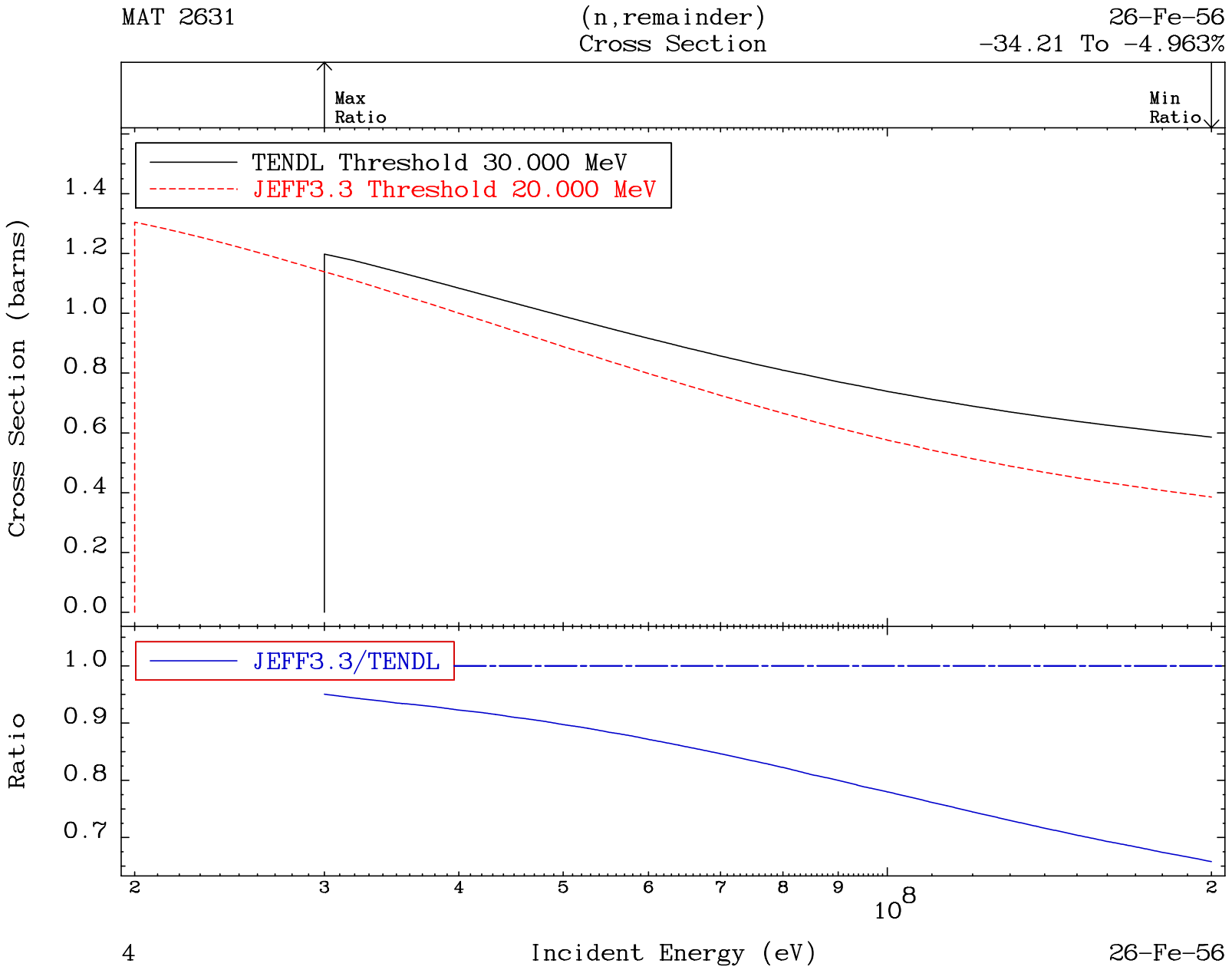
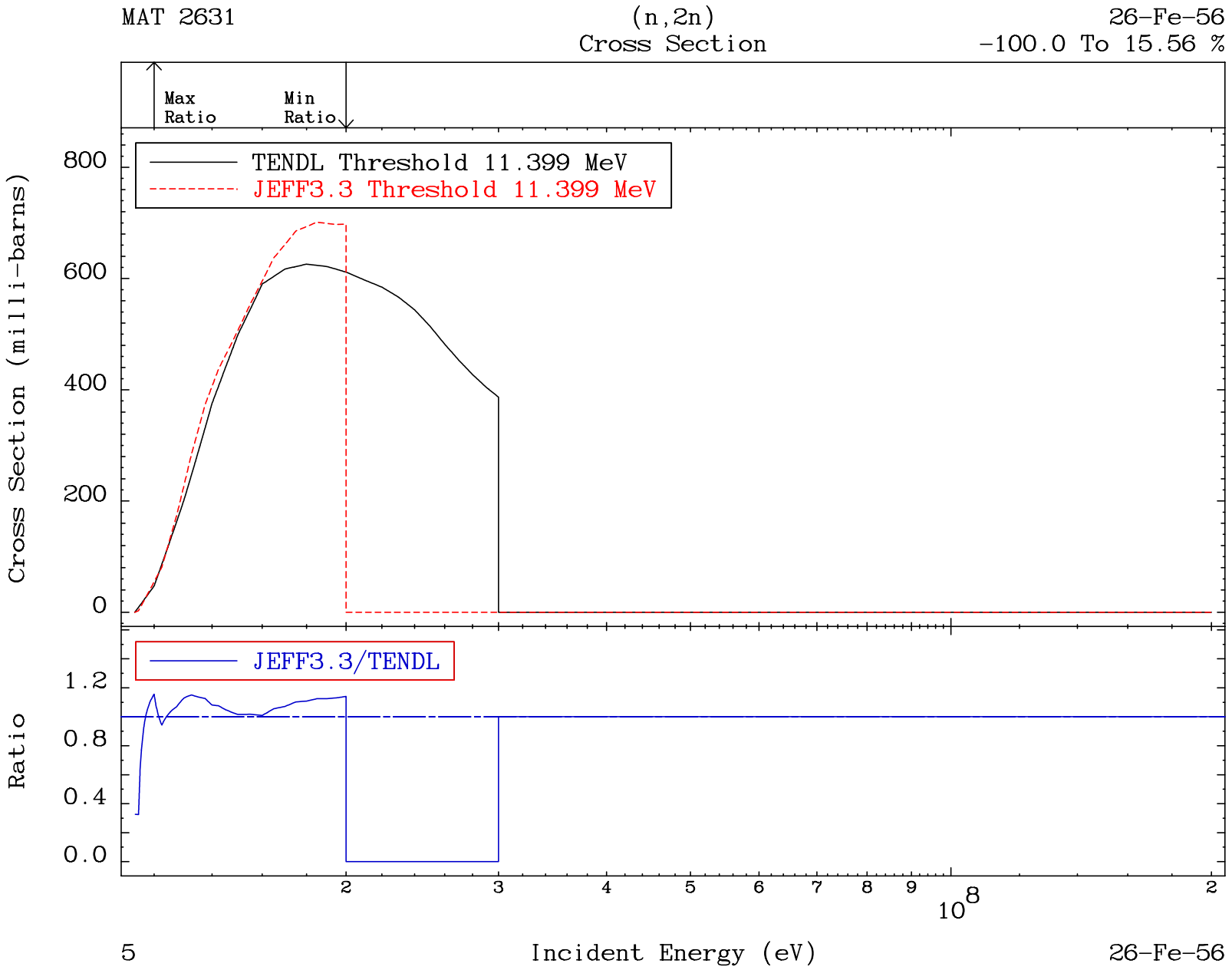
Press Mouse Button to Start

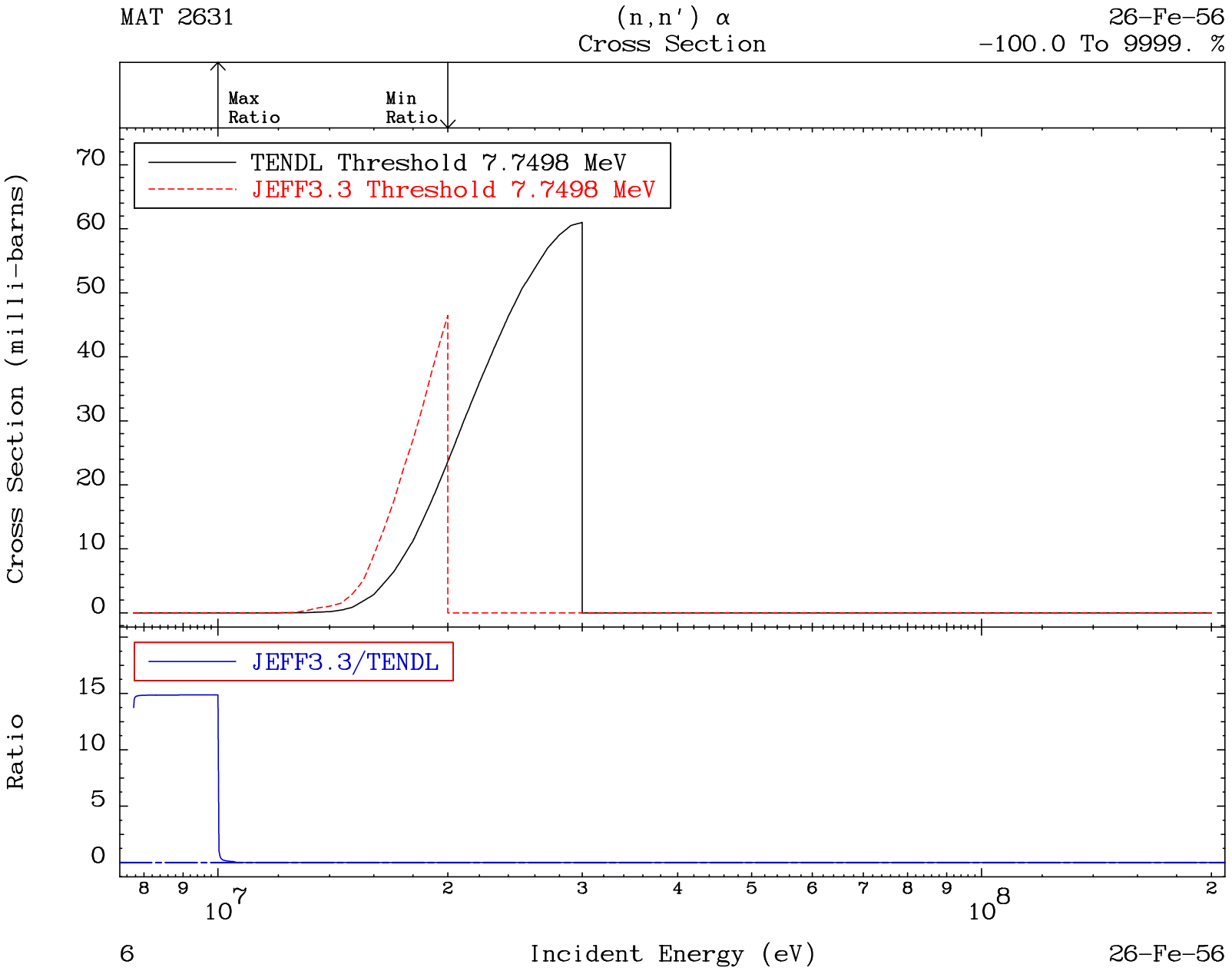

MAT 2631
Total
Cross Section
26-Fe-56
-94.42 To 520.4 %
Min
Ratio
Max
Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
1
26-Fe-56

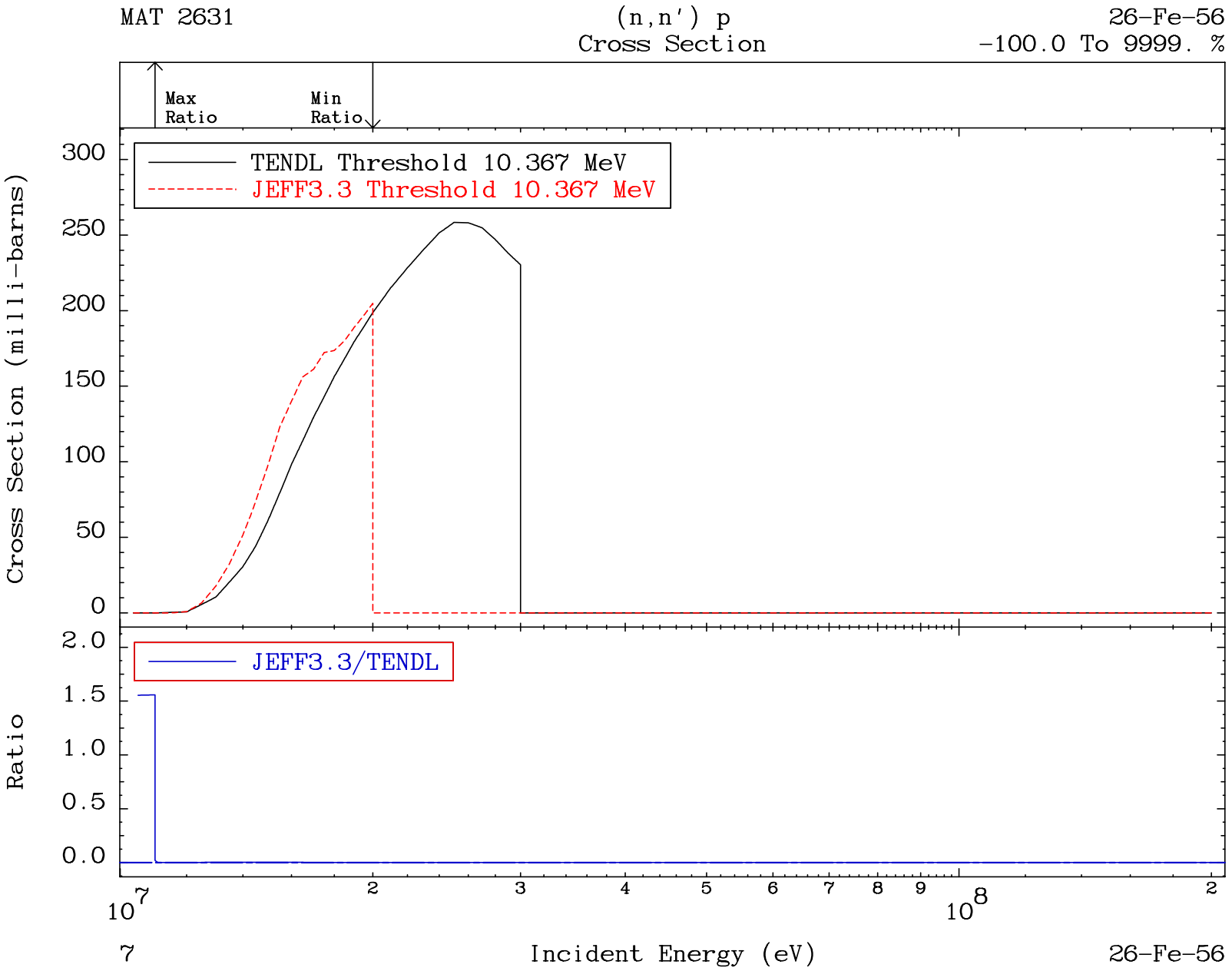

MAT 2631
Elastic
Cross Section
26-Fe-56
-94.31 To 3205. %
Min
Ratio
Max
Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
2
26-Fe-56

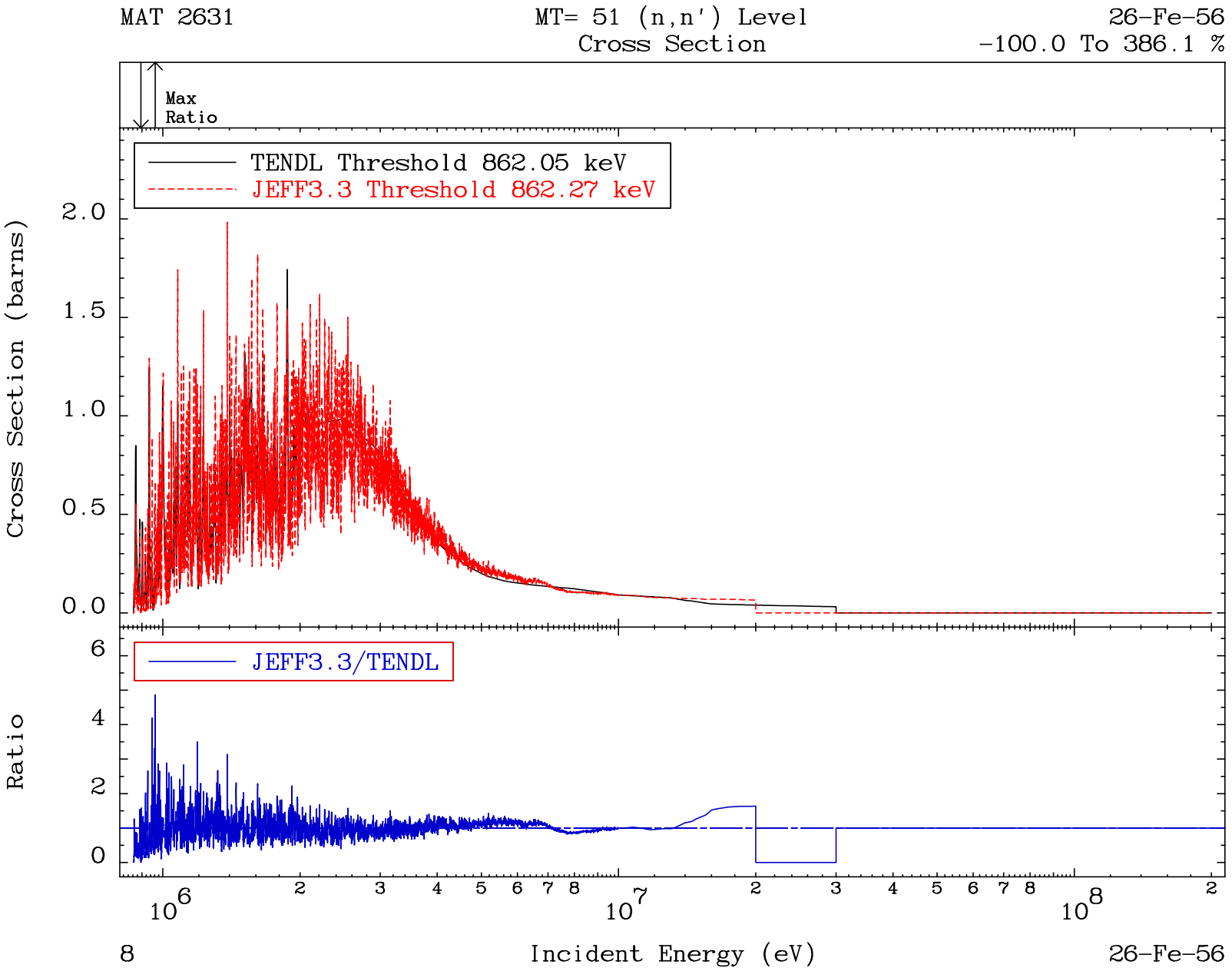

MAT 2631
Inelastic
Cross Section
26-Fe-56
-100.0 To 386.1 %
Max
Ratio
TENDL Threshold 862.05 keV
JEFF3.3 Threshold 862.27 keV
Cross Section (barns)
2.0
1.5
1.0
0.5
0.0
JEFF3.3/TENDL
Ratio
6
4
2
0
10^6
10^7
10^8
Incident Energy (eV)
3
26-Fe-56

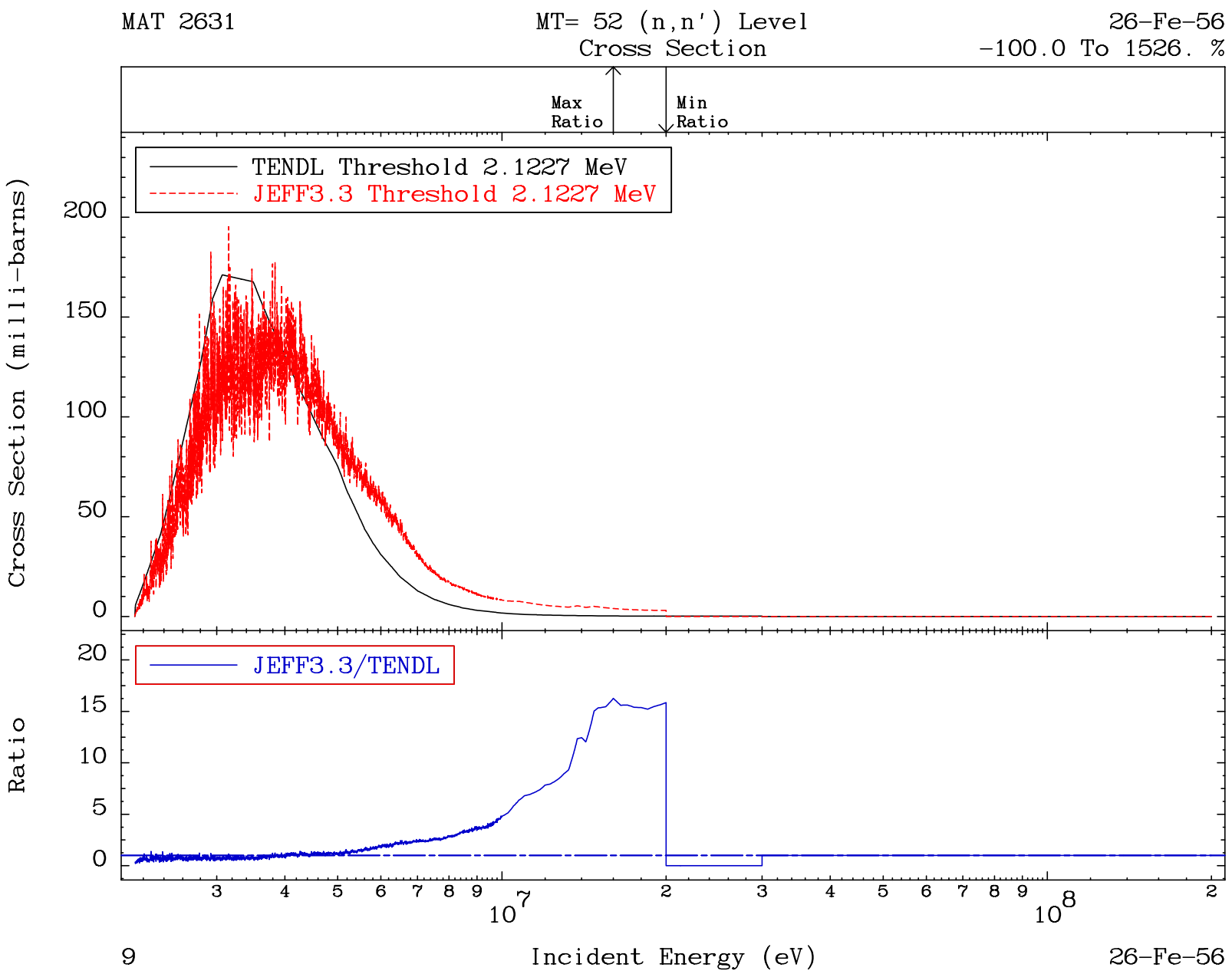

MAT 2631
(n,remainder)
Cross Section
26-Fe-56
-34.21 To -4.963%
Max Ratio
Min Ratio
TENDL Threshold 30.000 MeV
JEFF3.3 Threshold 20.000 MeV
Cross Section (barns)
1.4
1.2
1.0
0.8
0.6
0.4
0.2
0.0
JEFF3.3/TENDL
Ratio
1.0
0.9
0.8
0.7
2
3
4
5
6
7
8
9
10^8
2
4
Incident Energy (eV)
26-Fe-56

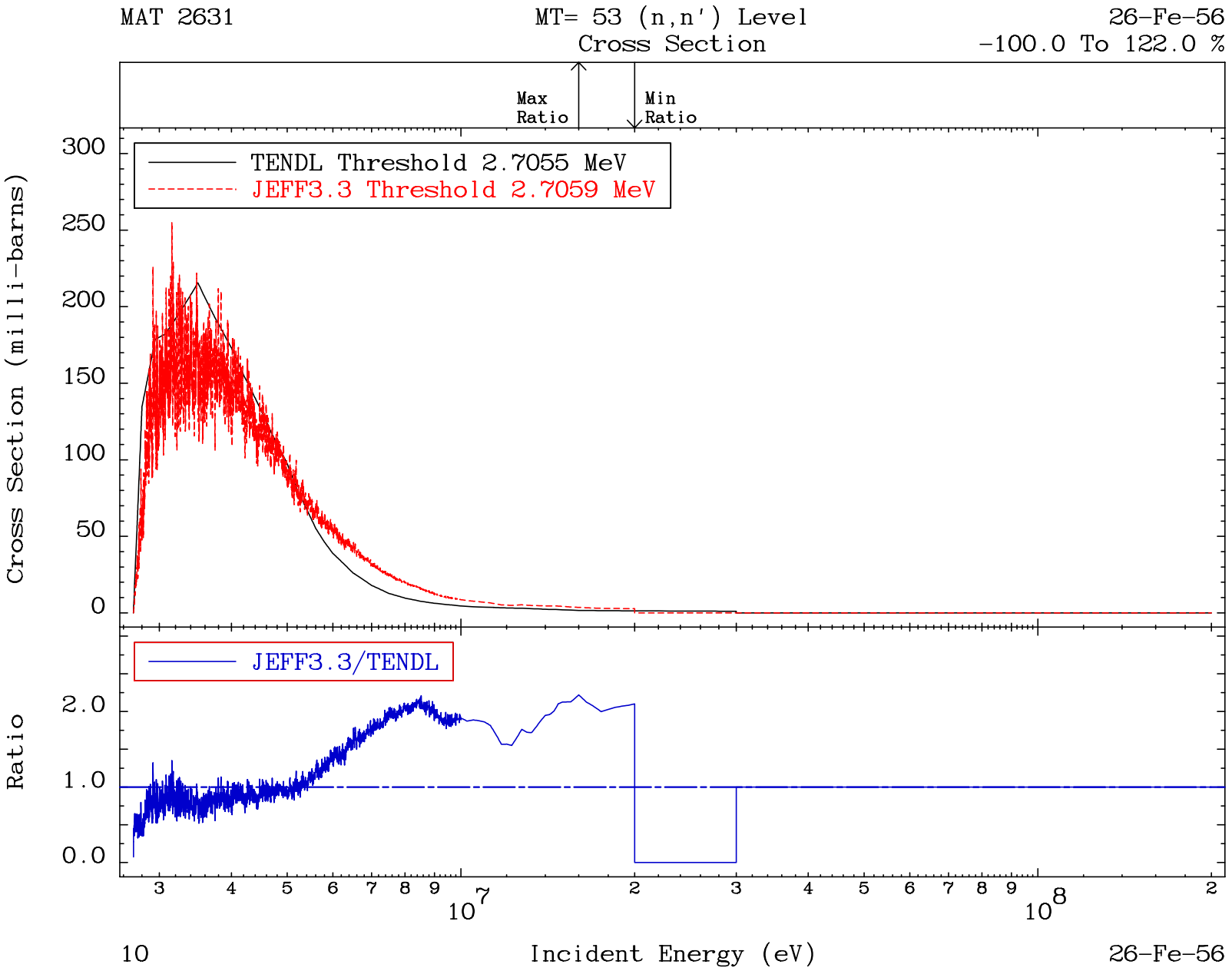

MAT 2631
(n,2n)
Cross Section
26-Fe-56
-100.0 To 15.56 %
Max Ratio
Min Ratio
TENDL Threshold 11.399 MeV
JEFF3.3 Threshold 11.399 MeV
Cross Section (milli-barns)
800
600
400
200
0
JEFF3.3/TENDL
Ratio
1.2
0.8
0.4
0.0
2
3
4
5
6
7
8
9
10^8
2
5
Incident Energy (eV)
26-Fe-56

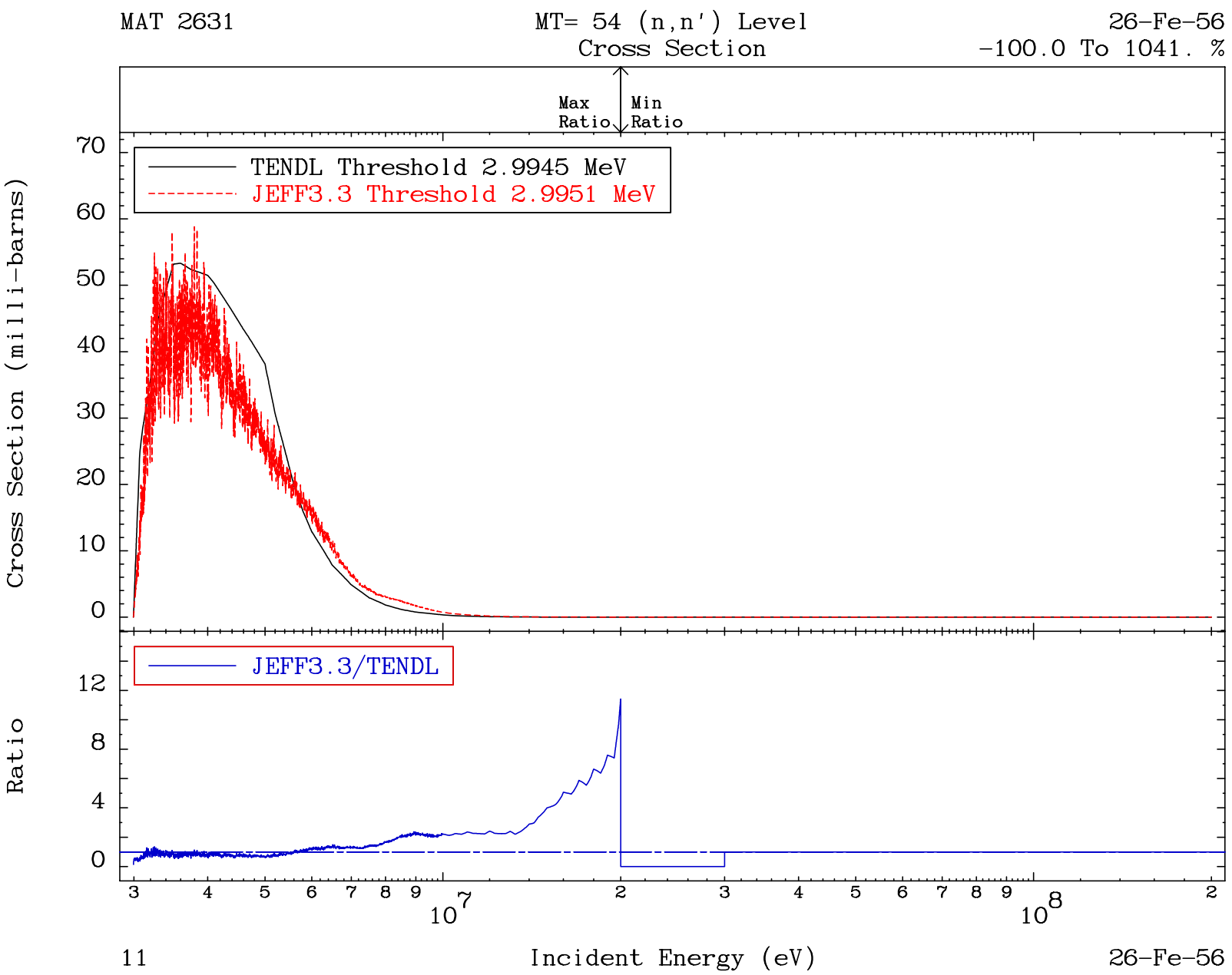

MAT 2631
(n,n') α
Cross Section
26-Fe-56
-100.0 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 7.7498 MeV
JEFF3.3 Threshold 7.7498 MeV
Cross Section (milli-barns)
70
60
50
40
30
20
10
0
JEFF3.3/TENDL
Ratio
15
10
5
0
8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
6
Incident Energy (eV)
26-Fe-56

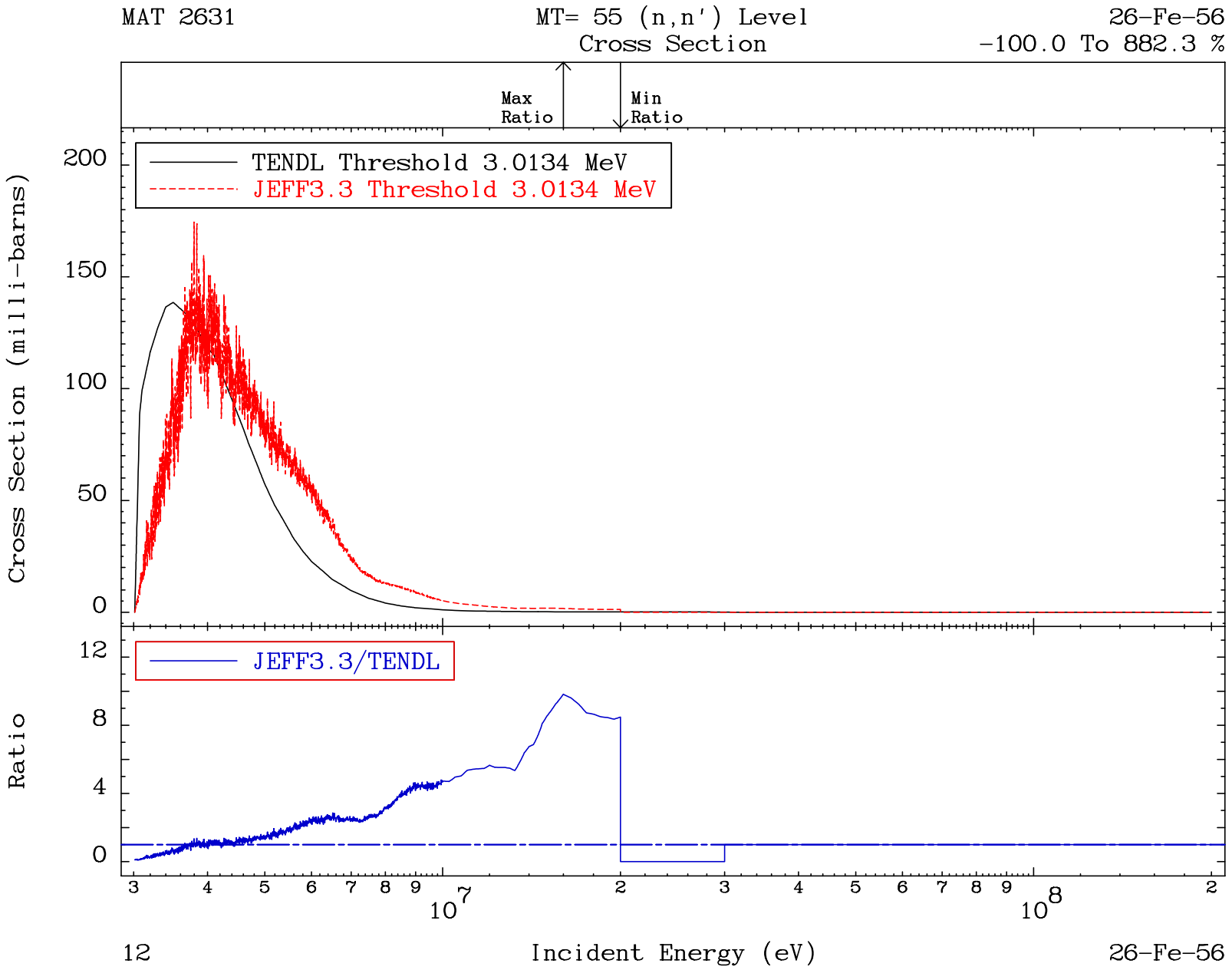

MAT 2631
(n,n') p
Cross Section
26-Fe-56
-100.0 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 10.367 MeV
JEFF3.3 Threshold 10.367 MeV
Cross Section (milli-barns)
300
250
200
150
100
50
0
JEFF3.3/TENDL
Ratio
2.0
1.5
1.0
0.5
0.0
10^7
2
3
4
5
6
7
8
9
10^8
2
7
Incident Energy (eV)
26-Fe-56

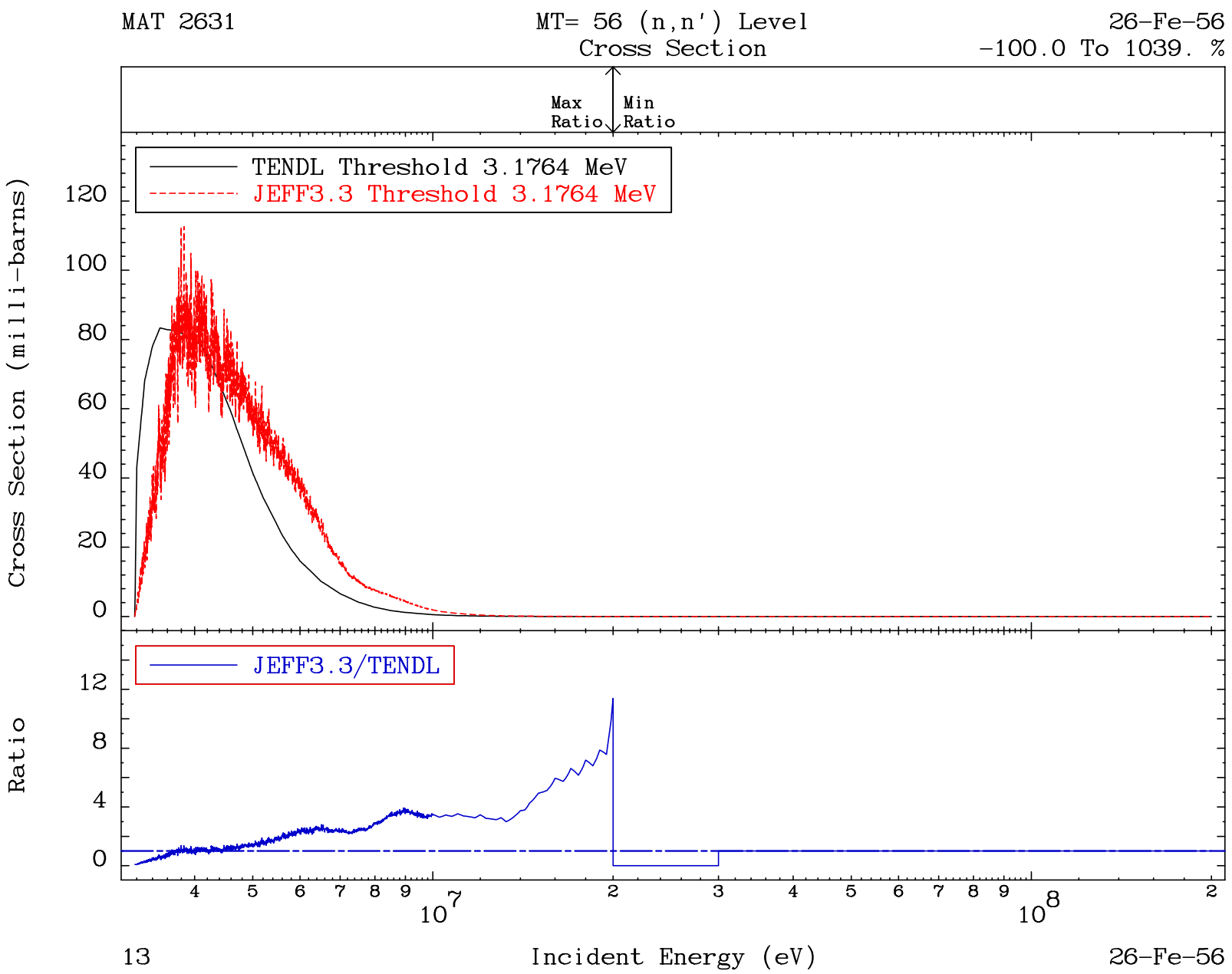

MAT 2631
MT= 51 (n,n') Level
Cross Section
26-Fe-56
-100.0 To 386.1 %
Max
Ratio
TENDL Threshold 862.05 keV
JEFF3.3 Threshold 862.27 keV
Cross Section (barns)
2.0
1.5
1.0
0.5
0.0
JEFF3.3/TENDL
Ratio
6
4
2
0
10^6
10^7
10^8
Incident Energy (eV)
8
26-Fe-56

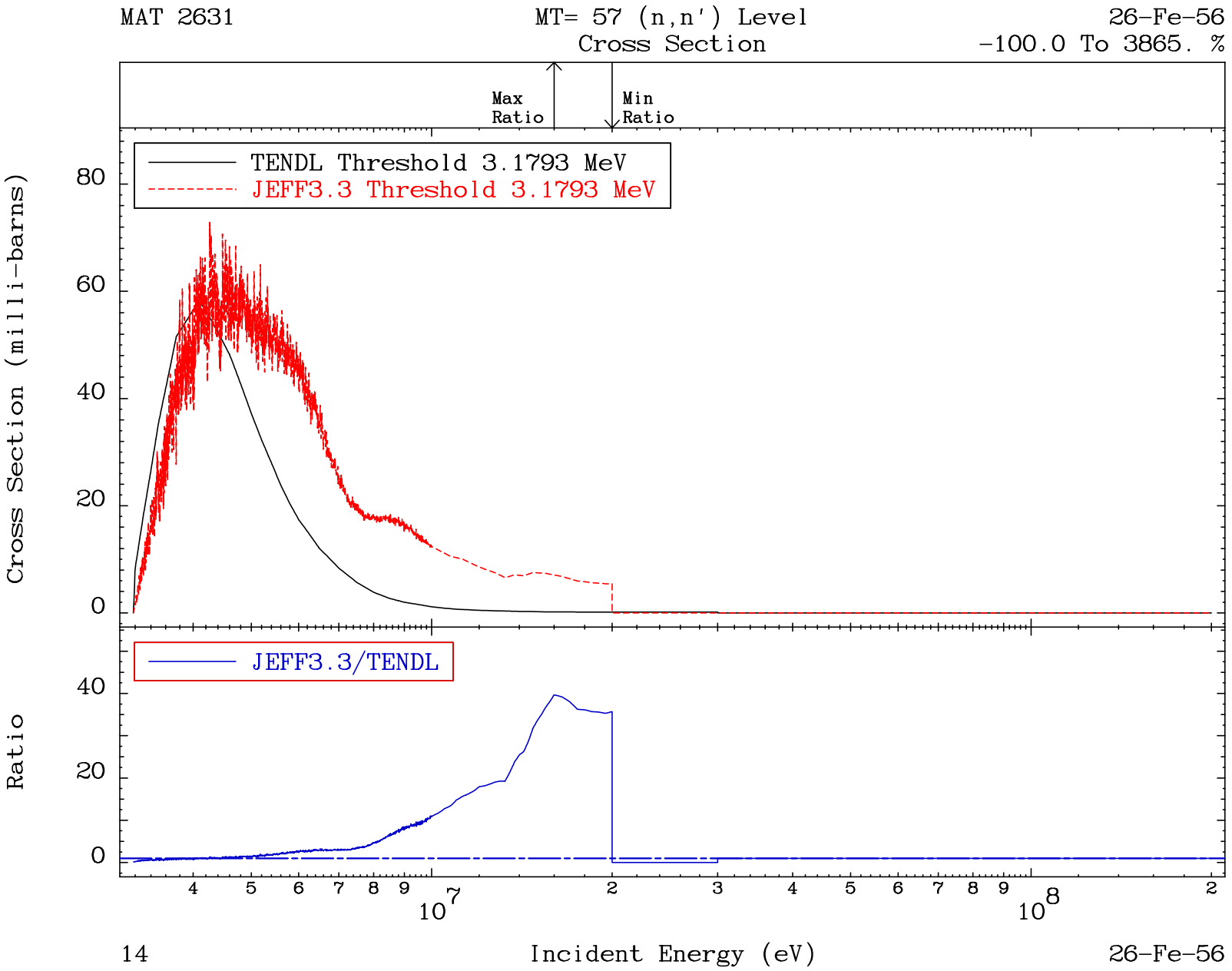

MAT 2631
MT= 52 (n,n') Level
Cross Section
26-Fe-56
-100.0 To 1526. %
Max
Ratio
Min
Ratio
TENDL Threshold 2.1227 MeV
JEFF3.3 Threshold 2.1227 MeV
Cross Section (milli-barns)
200
150
100
50
0
JEFF3.3/TENDL
Ratio
20
15
10
5
0
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
Incident Energy (eV)
9
26-Fe-56

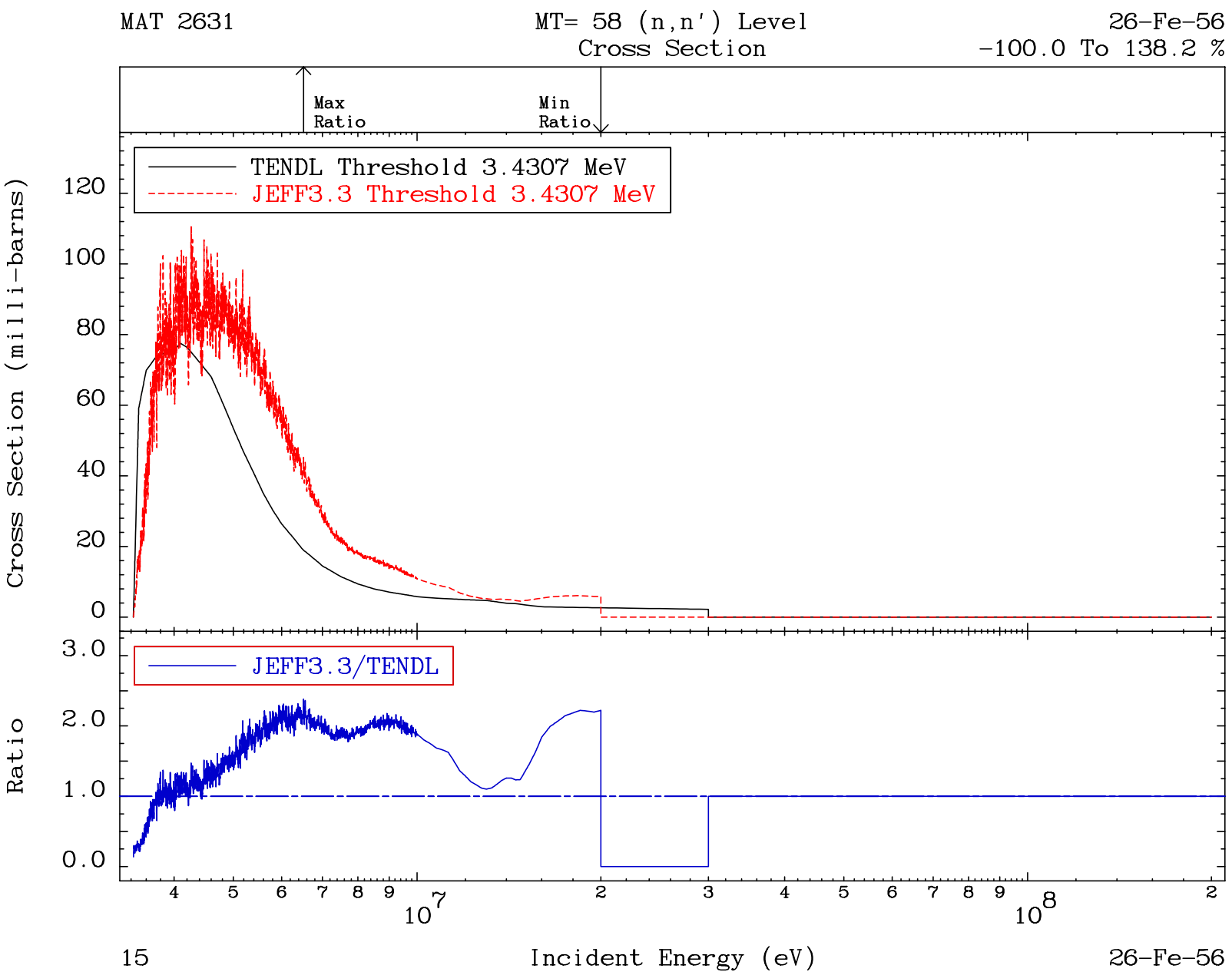

MAT 2631
MT= 53 (n,n') Level
Cross Section
26-Fe-56
-100.0 To 122.0 %
Max Ratio
Min Ratio
TENDL Threshold 2.7055 MeV
JEFF3.3 Threshold 2.7059 MeV
Cross Section (milli-barns)
300
250
200
150
100
50
0
JEFF3.3/TENDL
Ratio
2.0
1.0
0.0
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
10
Incident Energy (eV)
26-Fe-56

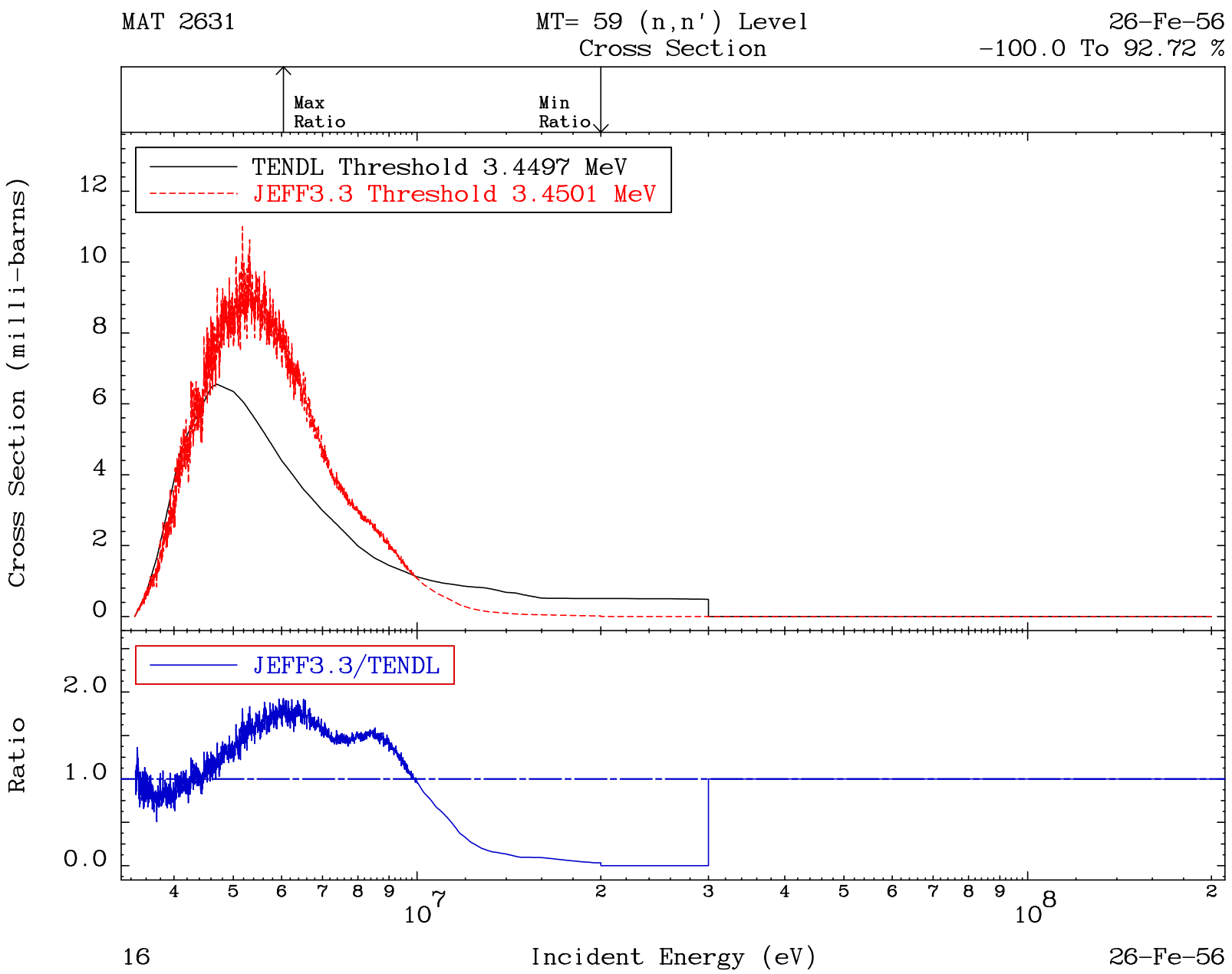

MAT 2631
MT= 54 (n,n') Level
Cross Section
26-Fe-56
-100.0 To 1041. %
Max Ratio
Min Ratio
TENDL Threshold 2.9945 MeV
JEFF3.3 Threshold 2.9951 MeV
Cross Section (milli-barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
11
26-Fe-56

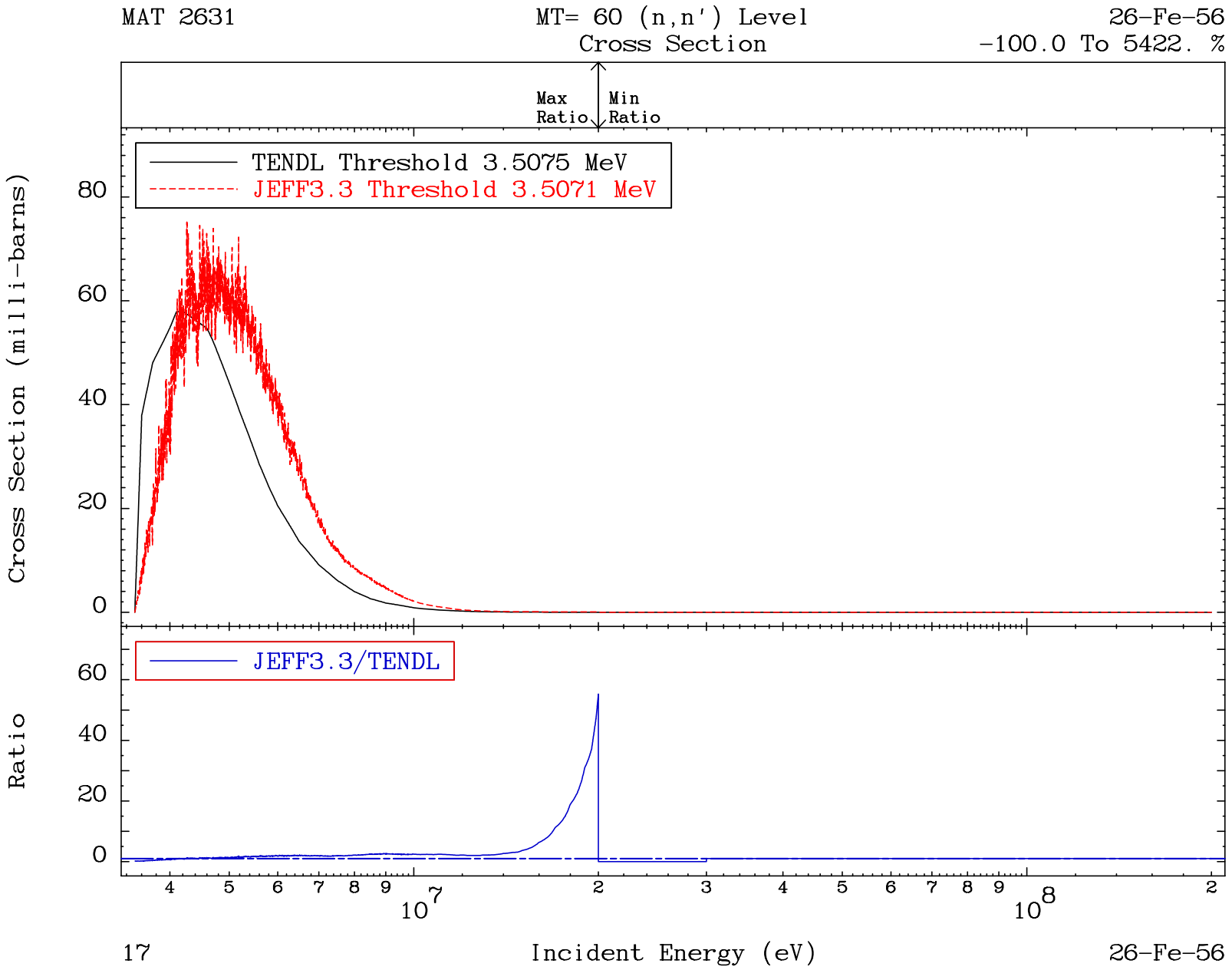

MAT 2631
MT= 55 (n,n') Level
Cross Section
26-Fe-56
-100.0 To 882.3 %
Max Ratio
Min Ratio
TENDL Threshold 3.0134 MeV
JEFF3.3 Threshold 3.0134 MeV
Cross Section (milli-barns)
200
150
100
50
0
JEFF3.3/TENDL
Ratio
12
8
4
0
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
12
Incident Energy (eV)
26-Fe-56

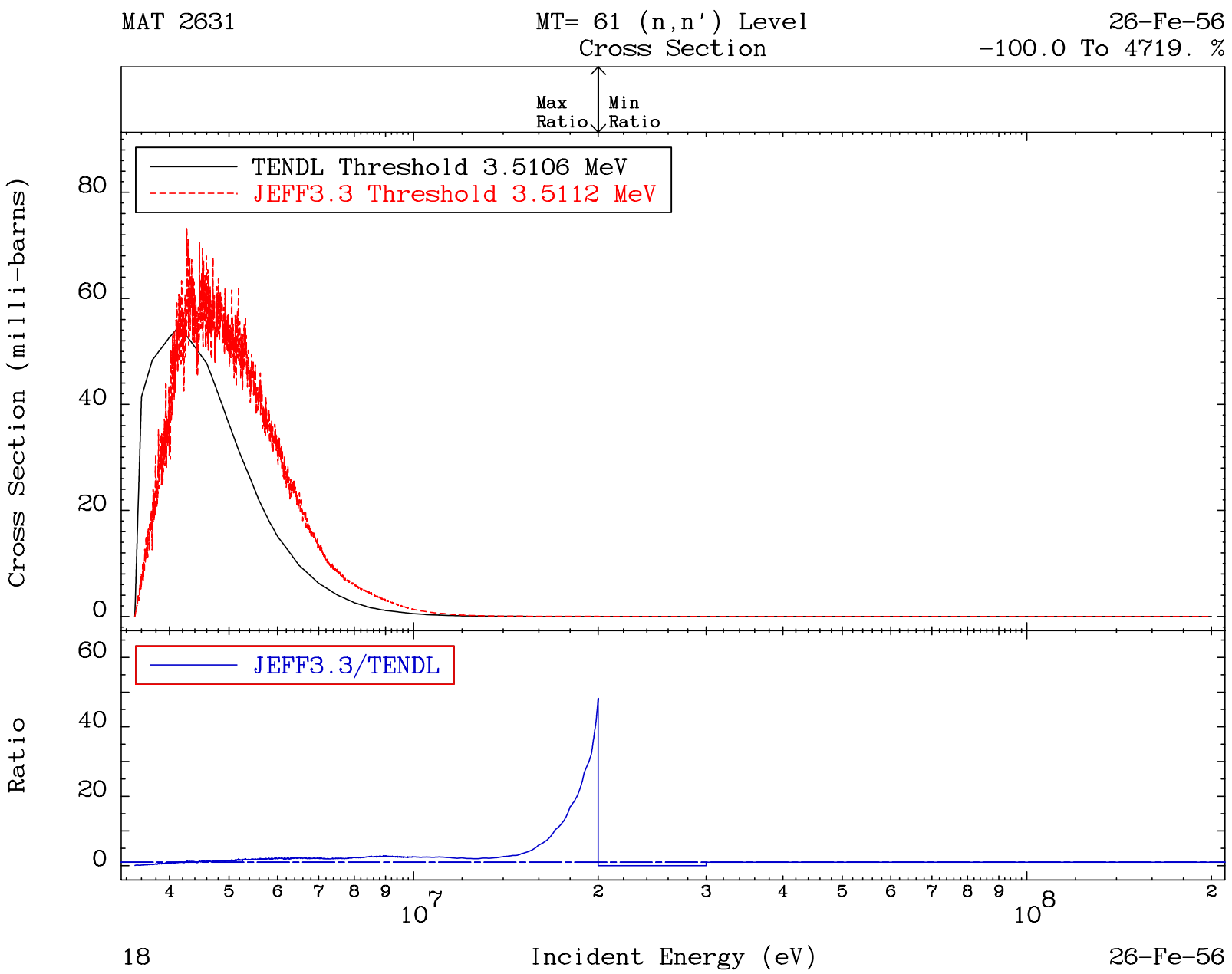

MAT 2631
MT= 56 (n,n') Level
Cross Section
26-Fe-56
-100.0 To 1039. %
Max Ratio
Min Ratio
TENDL Threshold 3.1764 MeV
JEFF3.3 Threshold 3.1764 MeV
Cross Section (milli-barns)
120
100
80
60
40
20
0
JEFF3.3/TENDL
Ratio
12
8
4
0
4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
13
Incident Energy (eV)
26-Fe-56

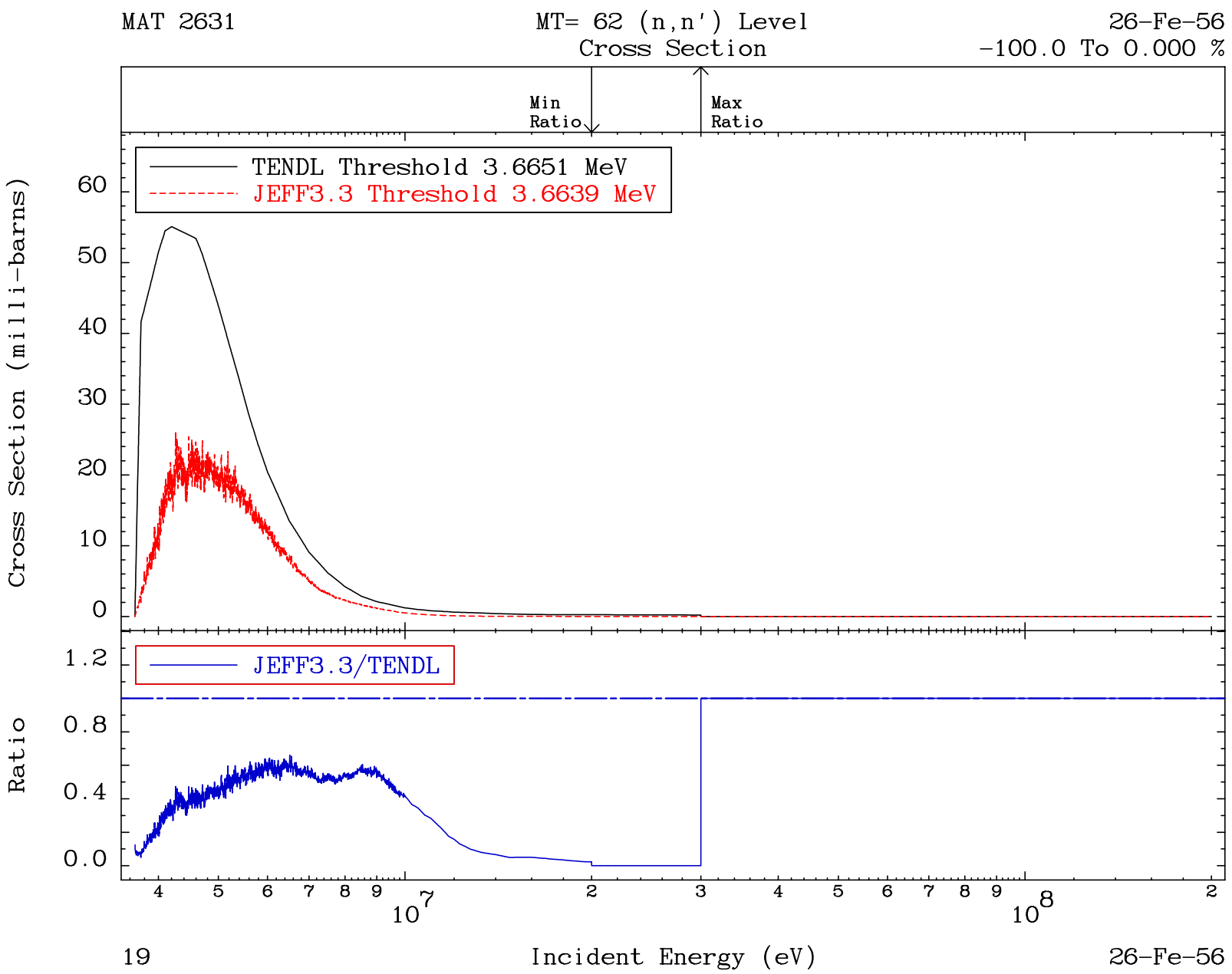

MAT 2631
MT= 57 (n,n') Level
Cross Section
26-Fe-56
-100.0 To 3865. %
Max Ratio
Min Ratio
TENDL Threshold 3.1793 MeV
JEFF3.3 Threshold 3.1793 MeV
Cross Section (milli-barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
14
26-Fe-56

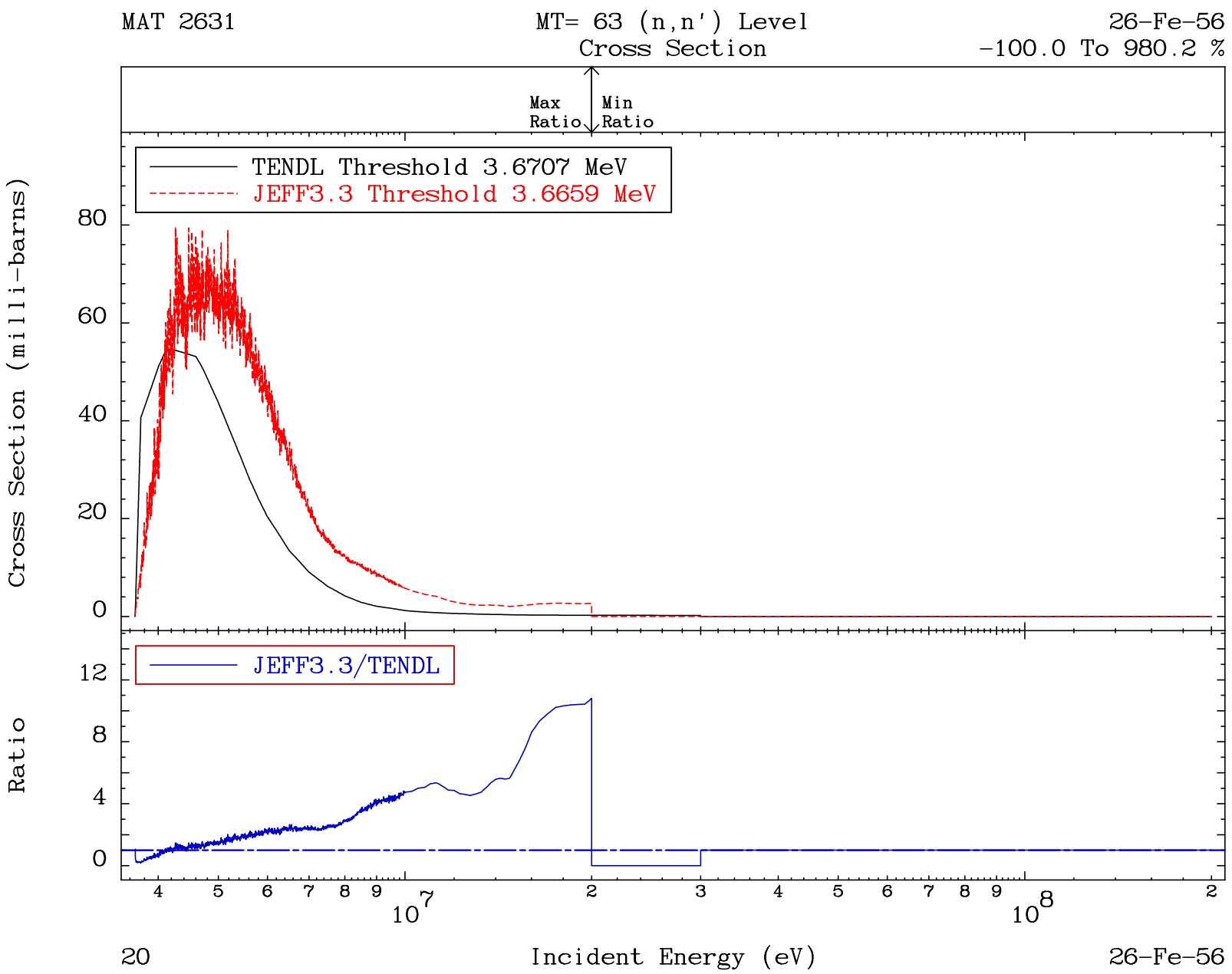

MAT 2631
MT= 58 (n,n') Level
Cross Section
26-Fe-56
-100.0 To 138.2 %
Max
Ratio
Min
Ratio
TENDL Threshold 3.4307 MeV
JEFF3.3 Threshold 3.4307 MeV
Cross Section (milli-barns)
120
100
80
60
40
20
0
JEFF3.3/TENDL
Ratio
3.0
2.0
1.0
0.0
4 5 6 7 8 9
10^7
2 3 4 5 6 7 8 9
10^8
2
15
Incident Energy (eV)
26-Fe-56

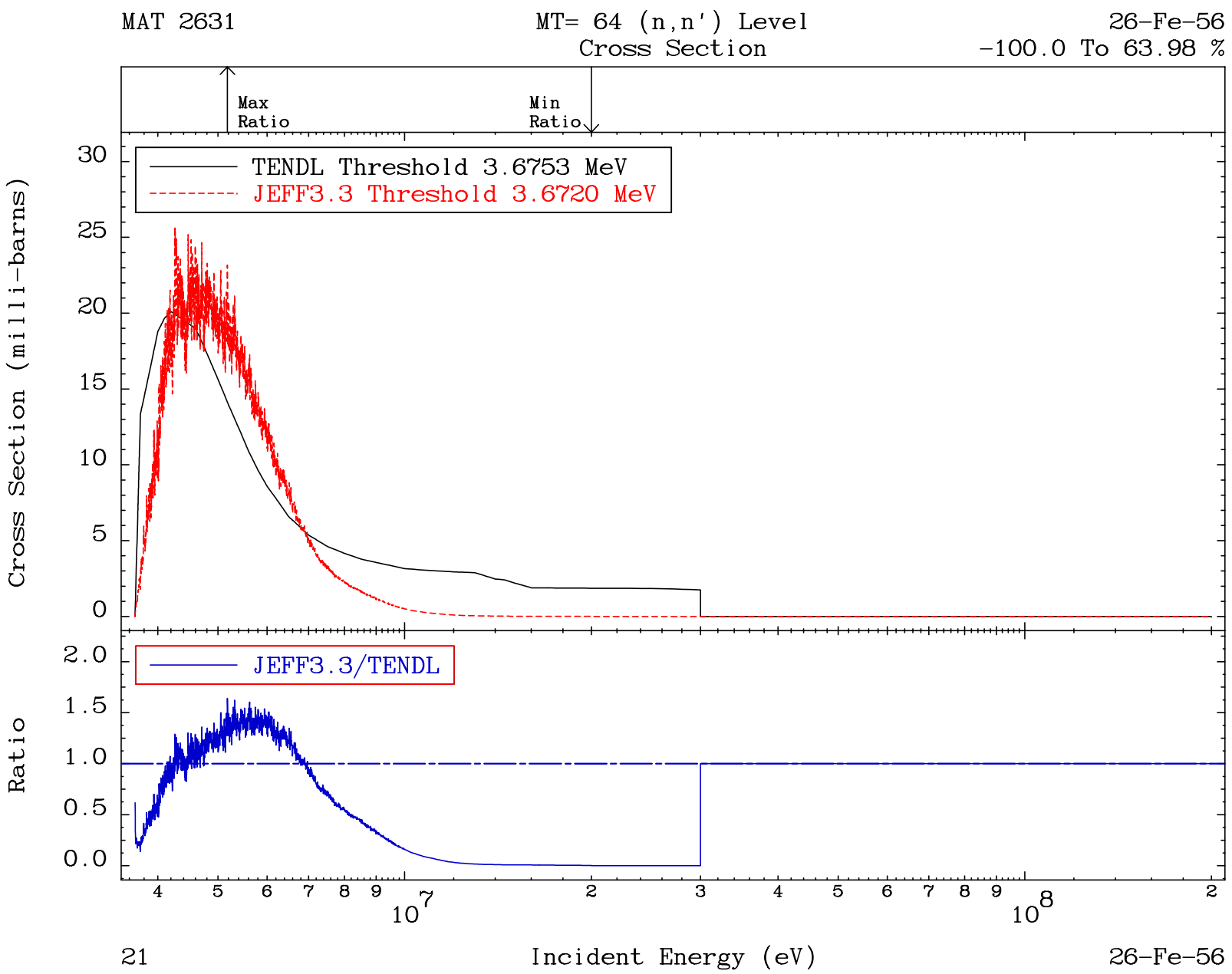

MAT 2631
MT= 59 (n,n') Level
Cross Section
26-Fe-56
-100.0 To 92.72 %
Max
Ratio
Min
Ratio
TENDL Threshold 3.4497 MeV
JEFF3.3 Threshold 3.4501 MeV
Cross Section (milli-barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
16
26-Fe-56

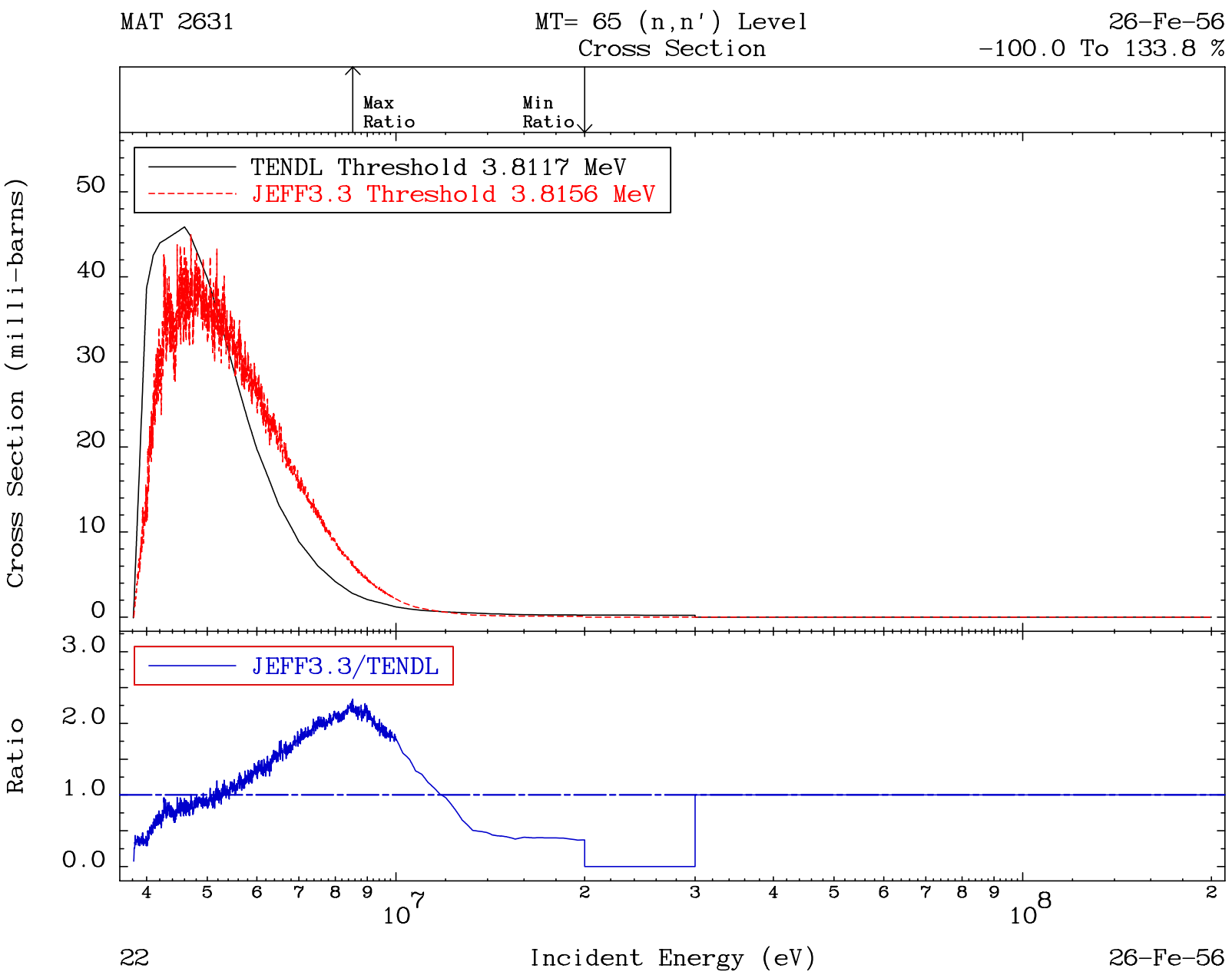

MAT 2631
MT= 60 (n,n') Level
Cross Section
26-Fe-56
-100.0 To 5422. %
Max Ratio
Min Ratio
TENDL Threshold 3.5075 MeV
JEFF3.3 Threshold 3.5071 MeV
Cross Section (milli-barns)
80
60
40
20
0
JEFF3.3/TENDL
Ratio
60
40
20
0
4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
17
Incident Energy (eV)
26-Fe-56

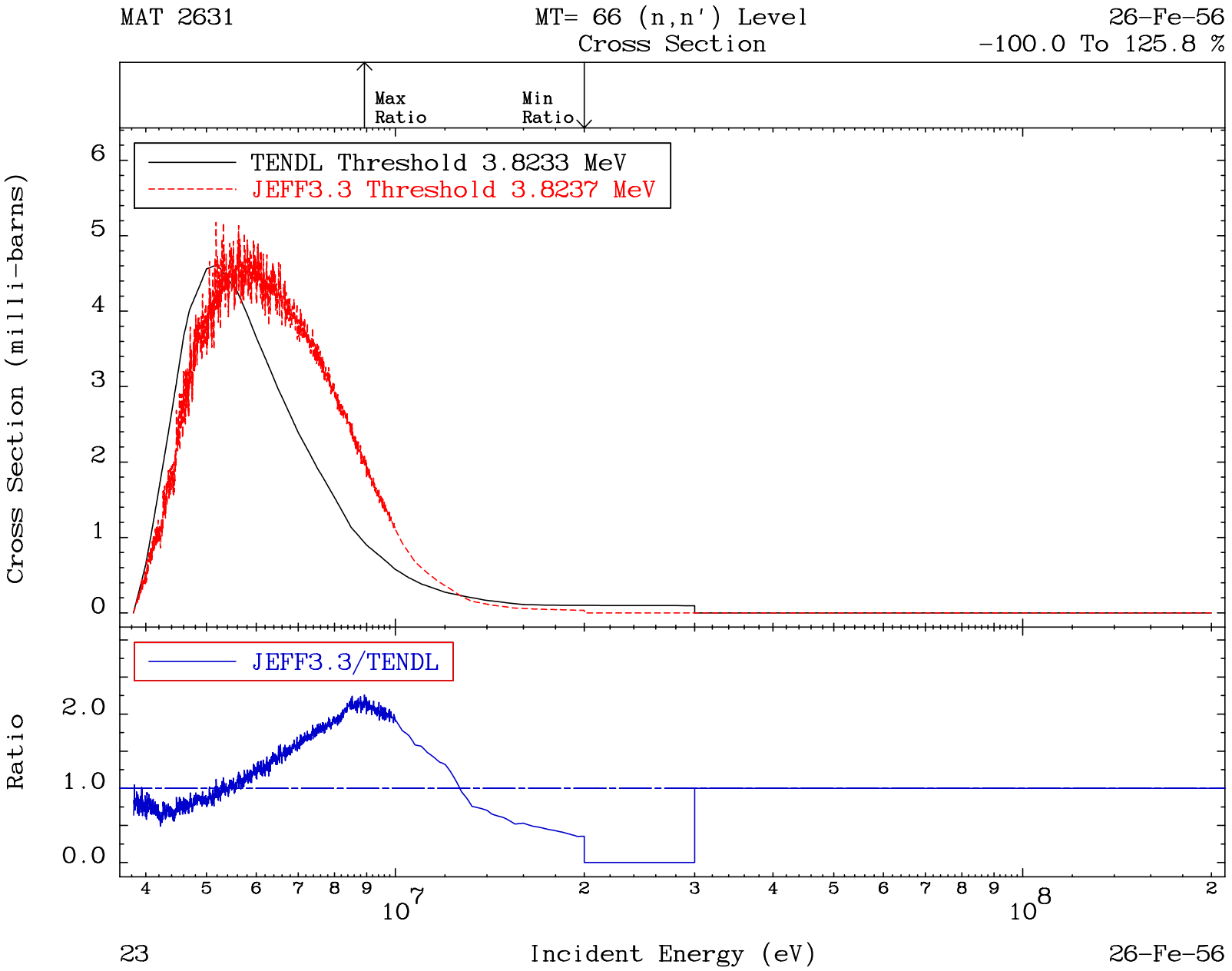

MAT 2631
MT= 61 (n,n') Level
Cross Section
26-Fe-56
-100.0 To 4719. %
Max Ratio
Min Ratio
TENDL Threshold 3.5106 MeV
JEFF3.3 Threshold 3.5112 MeV
Cross Section (milli-barns)
80
60
40
20
0
JEFF3.3/TENDL
Ratio
60
40
20
0
4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
18
Incident Energy (eV)
26-Fe-56

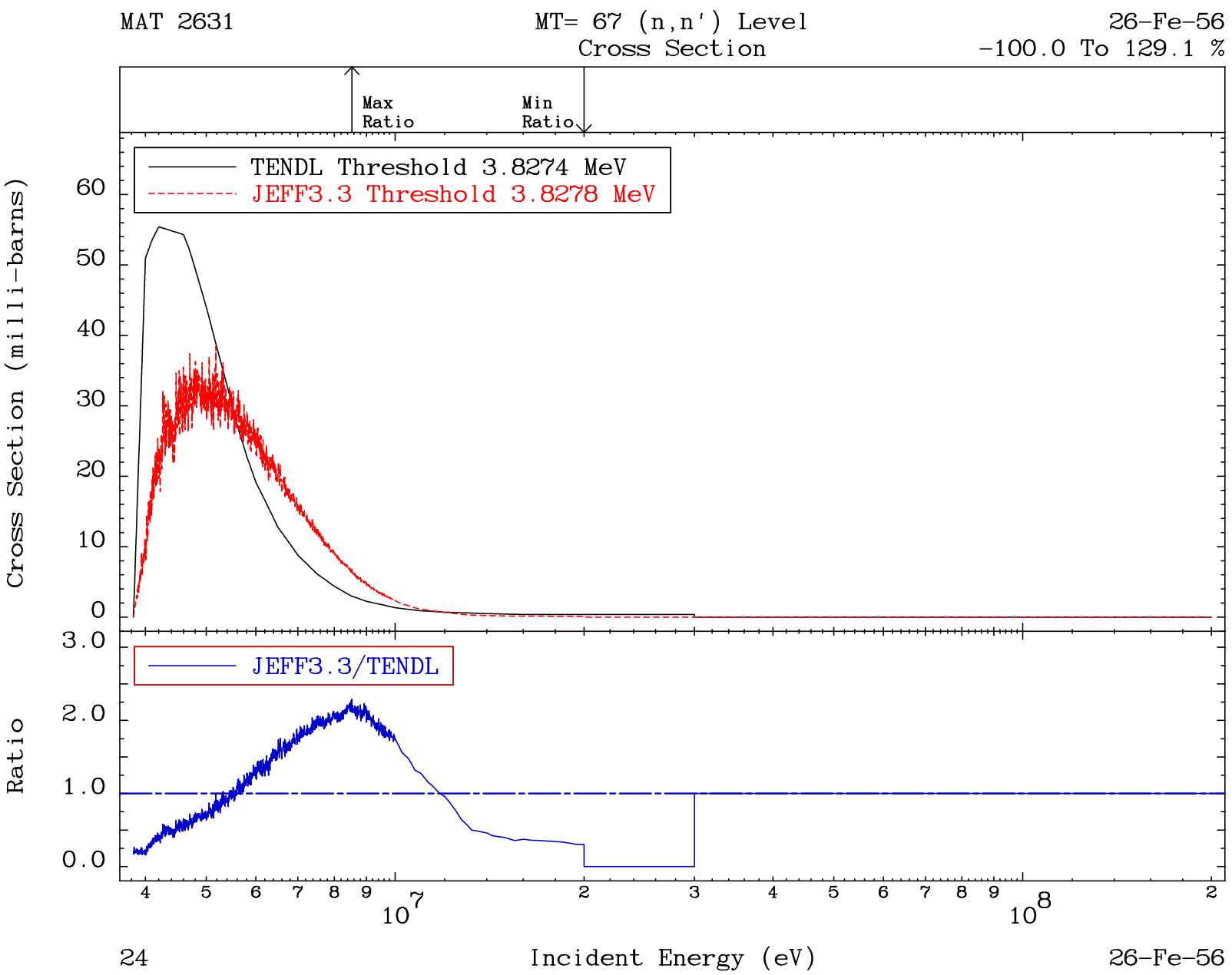

MAT 2631
MT= 62 (n,n') Level
Cross Section
26-Fe-56
-100.0 To 0.000 %
Min Ratio
Max Ratio
TENDL Threshold 3.6651 MeV
JEFF3.3 Threshold 3.6639 MeV
Cross Section (milli-barns)
60
50
40
30
20
10
0
JEFF3.3/TENDL
Ratio
1.2
0.8
0.4
0.0
4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
19
Incident Energy (eV)
26-Fe-56

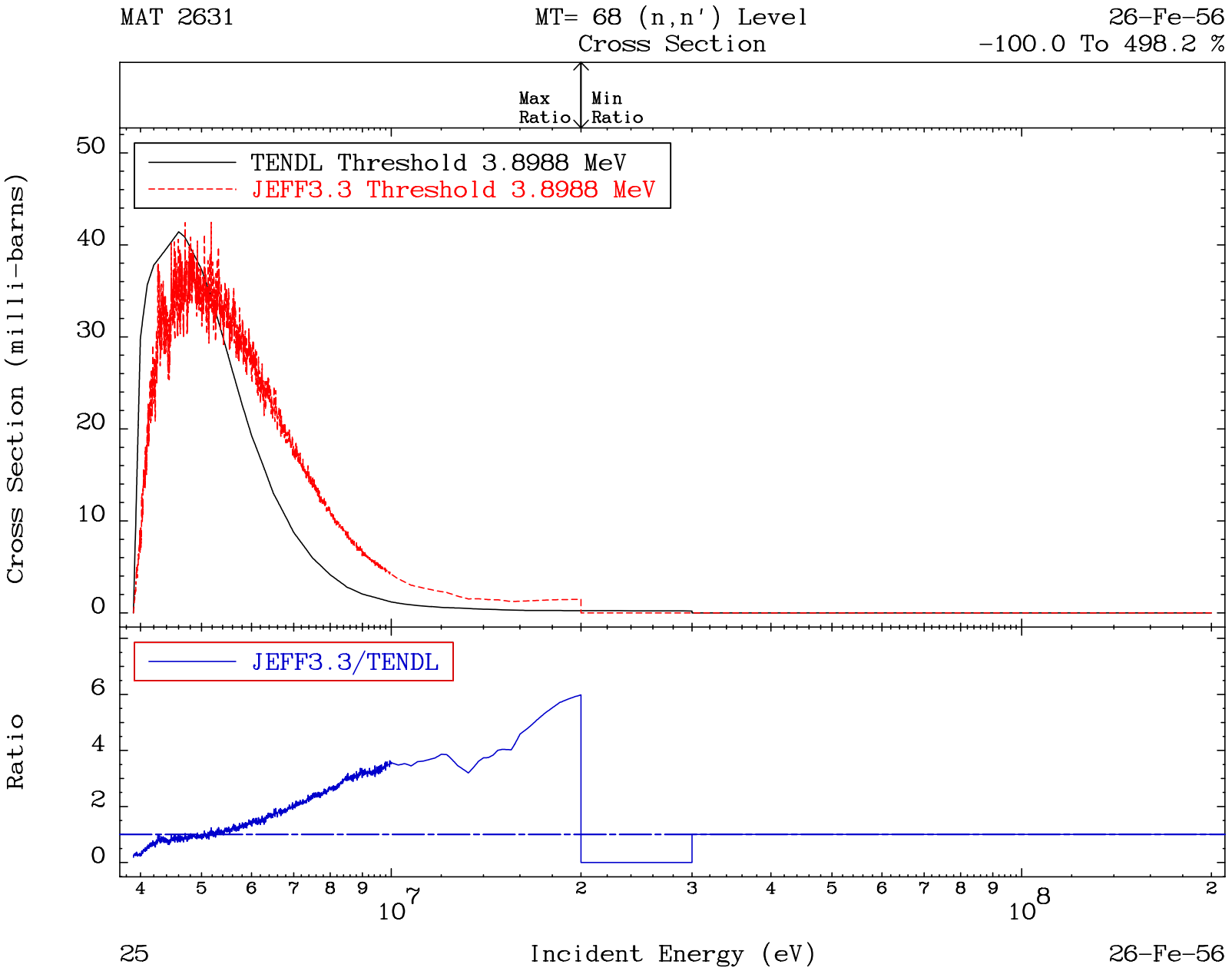

MAT 2631
MT= 63 (n,n') Level
Cross Section
26-Fe-56
-100.0 To 980.2 %
Max Ratio
Min Ratio
TENDL Threshold 3.6707 MeV
JEFF3.3 Threshold 3.6659 MeV
Cross Section (milli-barns)
0
20
40
60
80
JEFF3.3/TENDL
Ratio
0
4
8
12
4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
20
Incident Energy (eV)
26-Fe-56

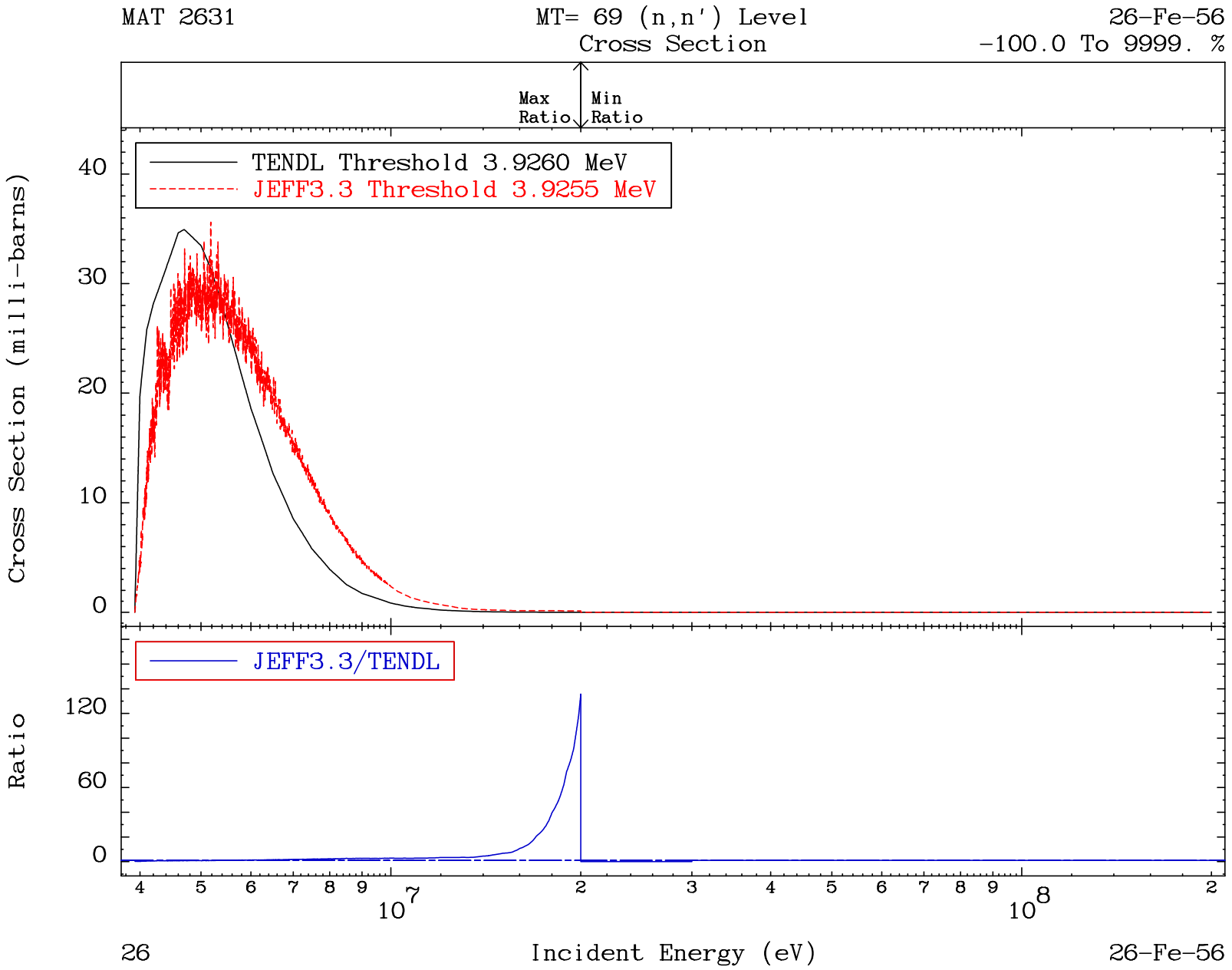

MAT 2631
MT= 64 (n,n') Level
Cross Section
26-Fe-56
-100.0 To 63.98 %
Max
Ratio
Min
Ratio
TENDL Threshold 3.6753 MeV
JEFF3.3 Threshold 3.6720 MeV
Cross Section (milli-barns)
30
25
20
15
10
5
0
JEFF3.3/TENDL
Ratio
2.0
1.5
1.0
0.5
0.0
4
5
6
7
8
9
10^7
2
3
4
5
6
7
8
9
10^8
2
21
Incident Energy (eV)
26-Fe-56

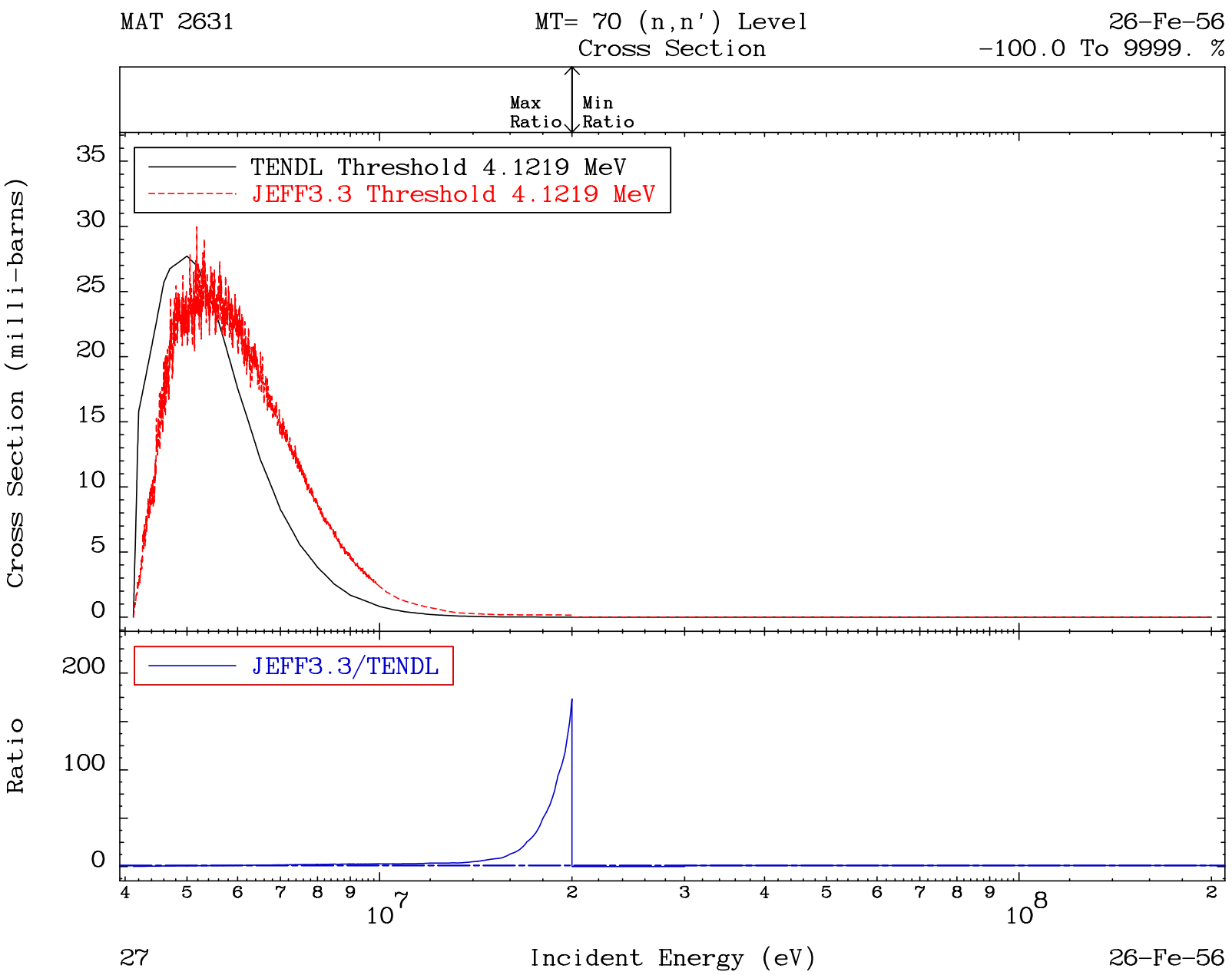

MAT 2631
MT= 65 (n,n') Level
Cross Section
26-Fe-56
-100.0 To 133.8 %
Max Ratio
Min Ratio
TENDL Threshold 3.8117 MeV
JEFF3.3 Threshold 3.8156 MeV
Cross Section (milli-barns)
50
40
30
20
10
0
JEFF3.3/TENDL
Ratio
3.0
2.0
1.0
0.0
4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
22
Incident Energy (eV)
26-Fe-56

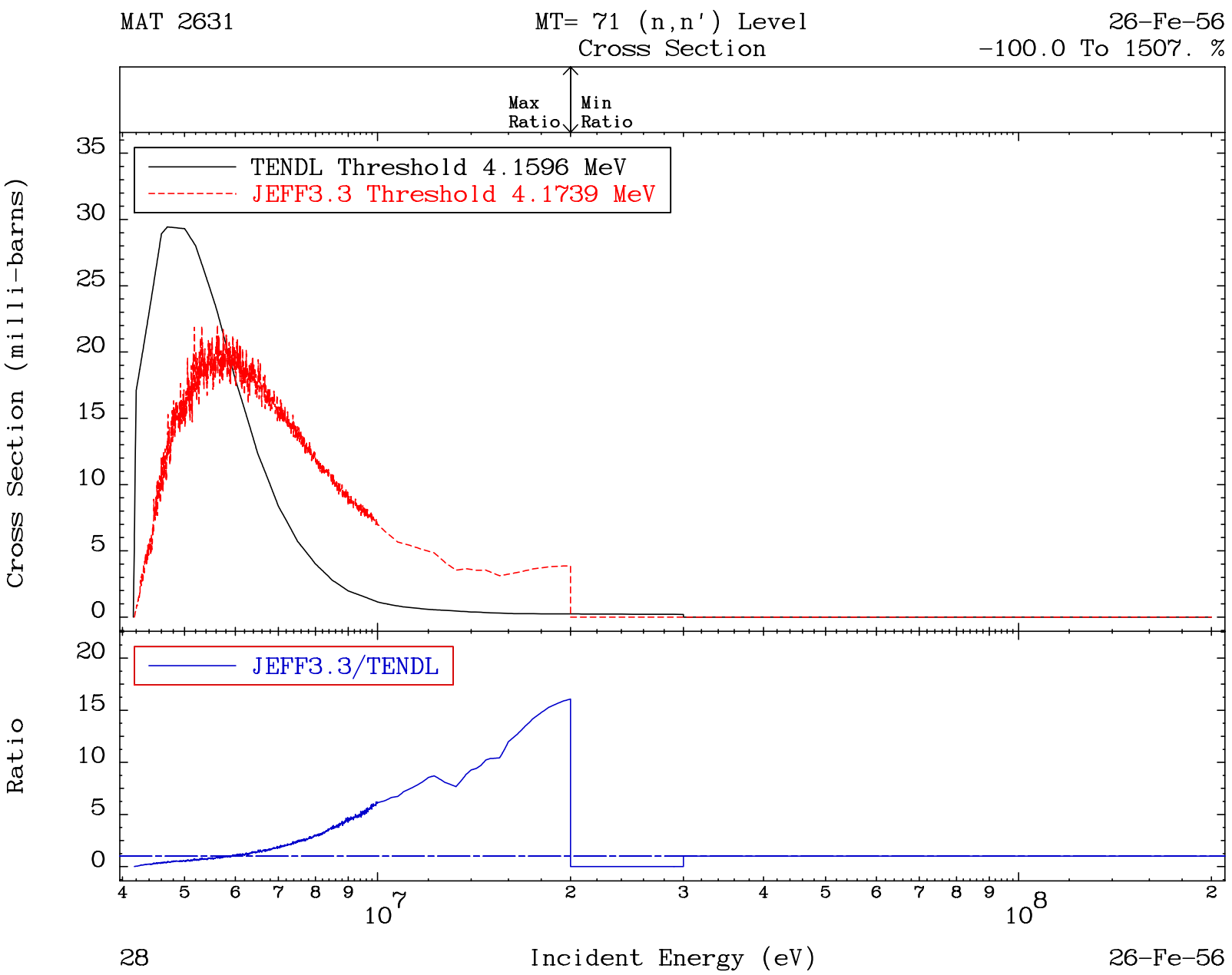

MAT 2631
MT= 66 (n,n') Level
Cross Section
26-Fe-56
-100.0 To 125.8 %
Max
Ratio
Min
Ratio
TENDL Threshold 3.8233 MeV
JEFF3.3 Threshold 3.8237 MeV
Cross Section (milli-barns)
0
1
2
3
4
5
6
JEFF3.3/TENDL
Ratio
0.0
1.0
2.0
4
5
6
7
8
9
10^7
2
3
4
5
6
7
8
9
10^8
2
23
Incident Energy (eV)
26-Fe-56

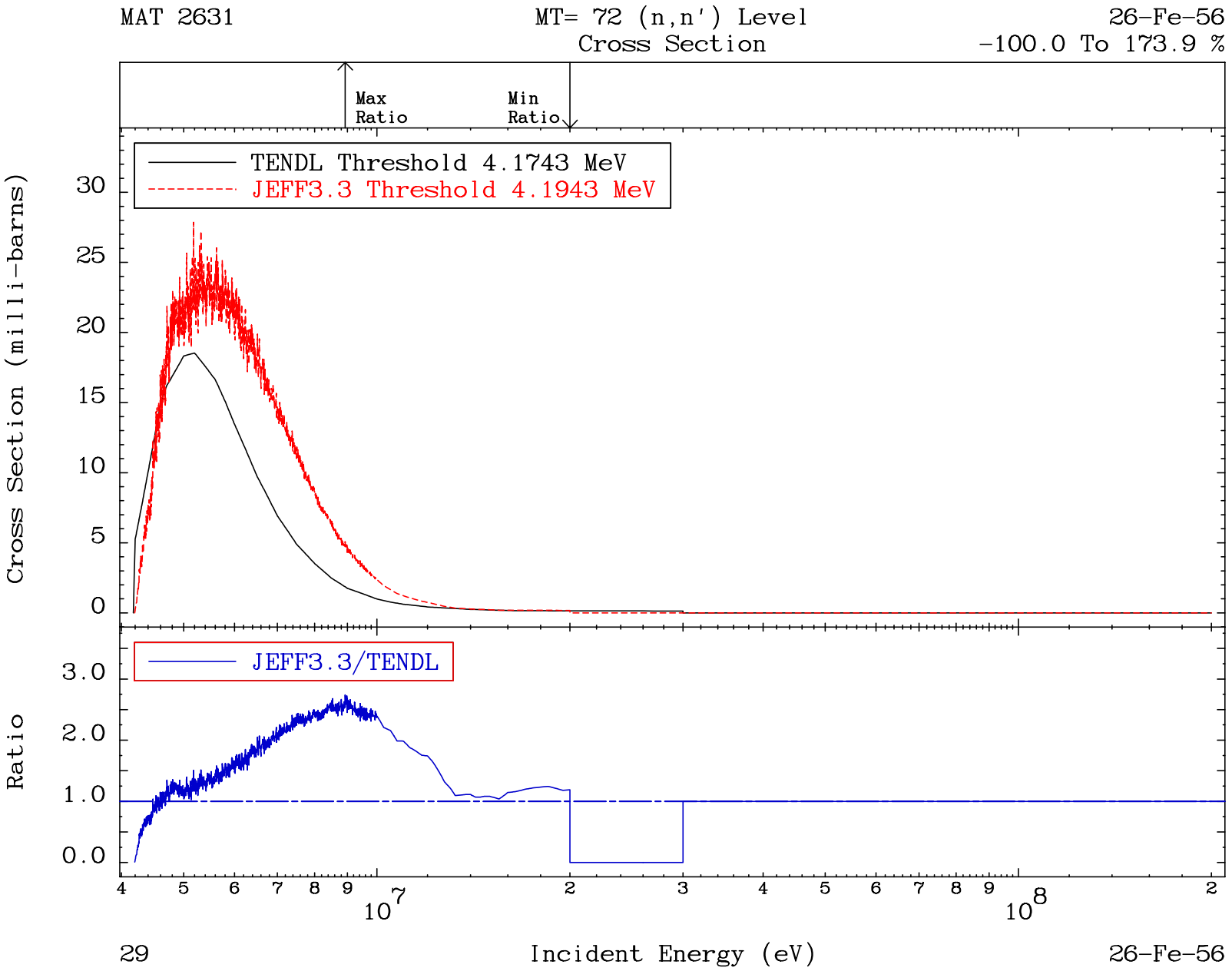

MAT 2631
MT= 67 (n,n') Level
Cross Section
26-Fe-56
-100.0 To 129.1 %
Max Ratio
Min Ratio
TENDL Threshold 3.8274 MeV
JEFF3.3 Threshold 3.8278 MeV
Cross Section (milli-barns)
60
50
40
30
20
10
0
JEFF3.3/TENDL
Ratio
3.0
2.0
1.0
0.0
4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
24
Incident Energy (eV)
26-Fe-56

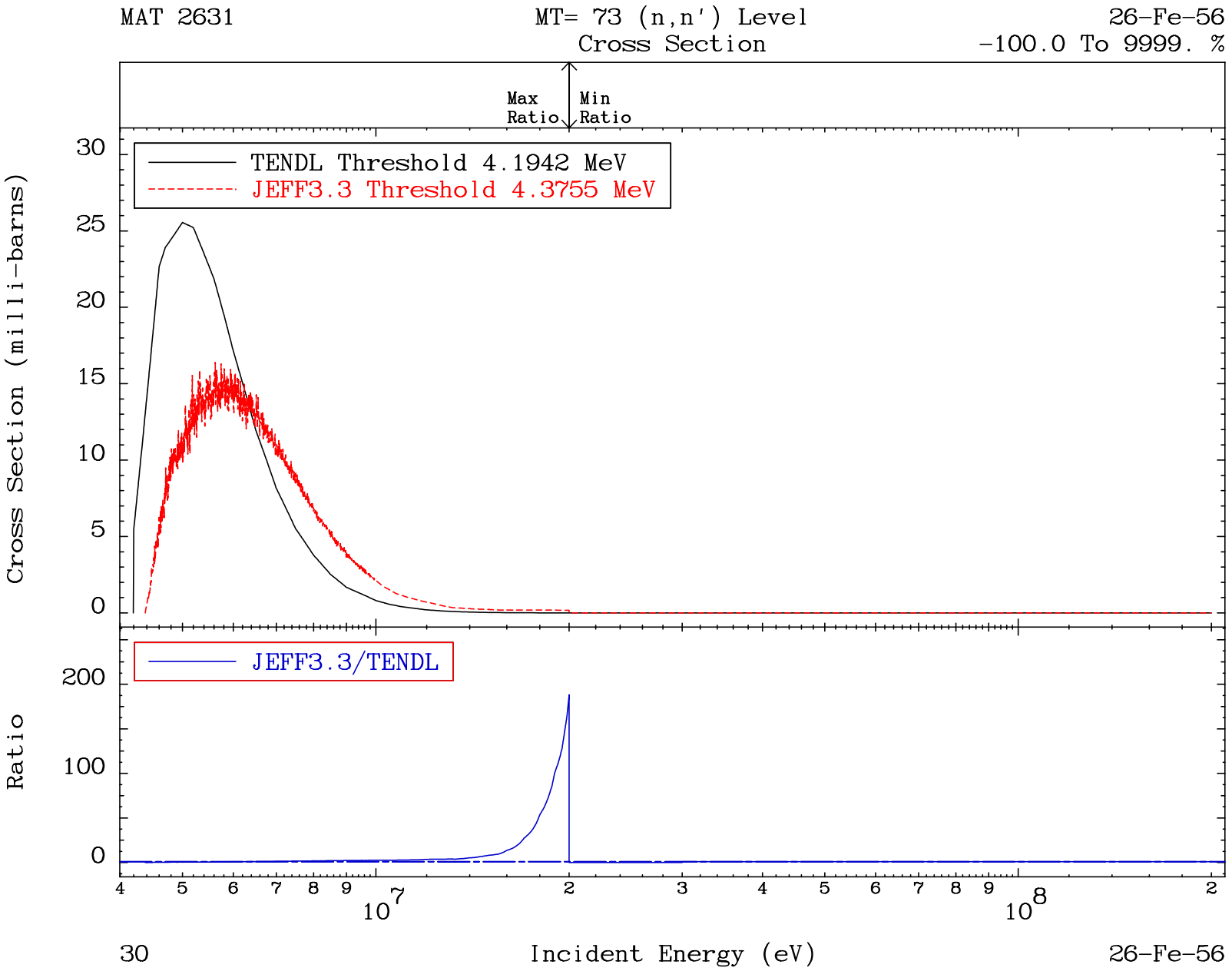

MAT 2631
MT= 68 (n,n') Level
Cross Section
26-Fe-56
-100.0 To 498.2 %
Max Ratio
Min Ratio
TENDL Threshold 3.8988 MeV
JEFF3.3 Threshold 3.8988 MeV
Cross Section (milli-barns)
50
40
30
20
10
0
JEFF3.3/TENDL
Ratio
6
4
2
0
4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
25
Incident Energy (eV)
26-Fe-56

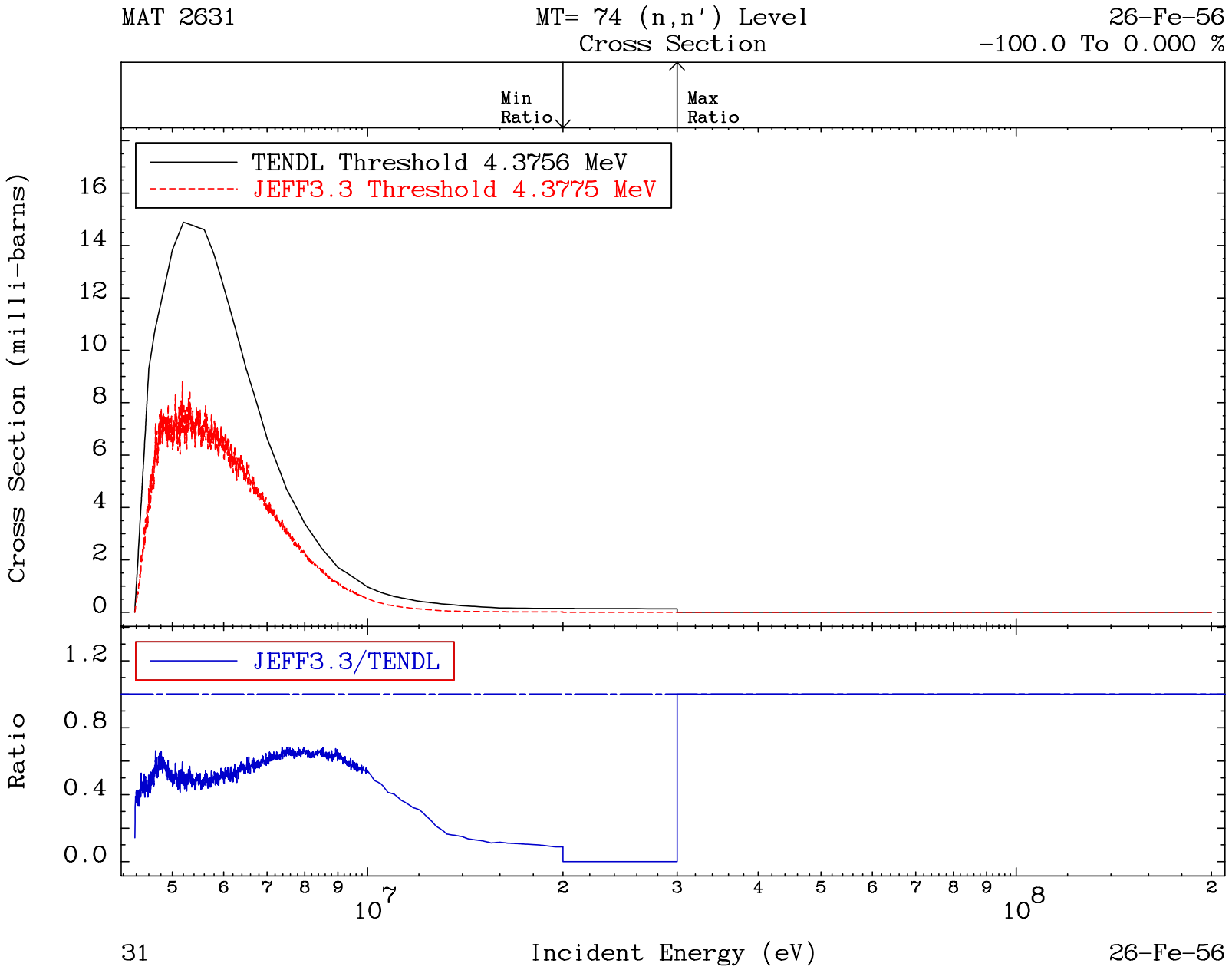

MAT 2631
MT= 69 (n,n') Level
Cross Section
26-Fe-56
-100.0 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 3.9260 MeV
JEFF3.3 Threshold 3.9255 MeV
Cross Section (milli-barns)
40
30
20
10
0
JEFF3.3/TENDL
Ratio
120
60
0
4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
26
Incident Energy (eV)
26-Fe-56

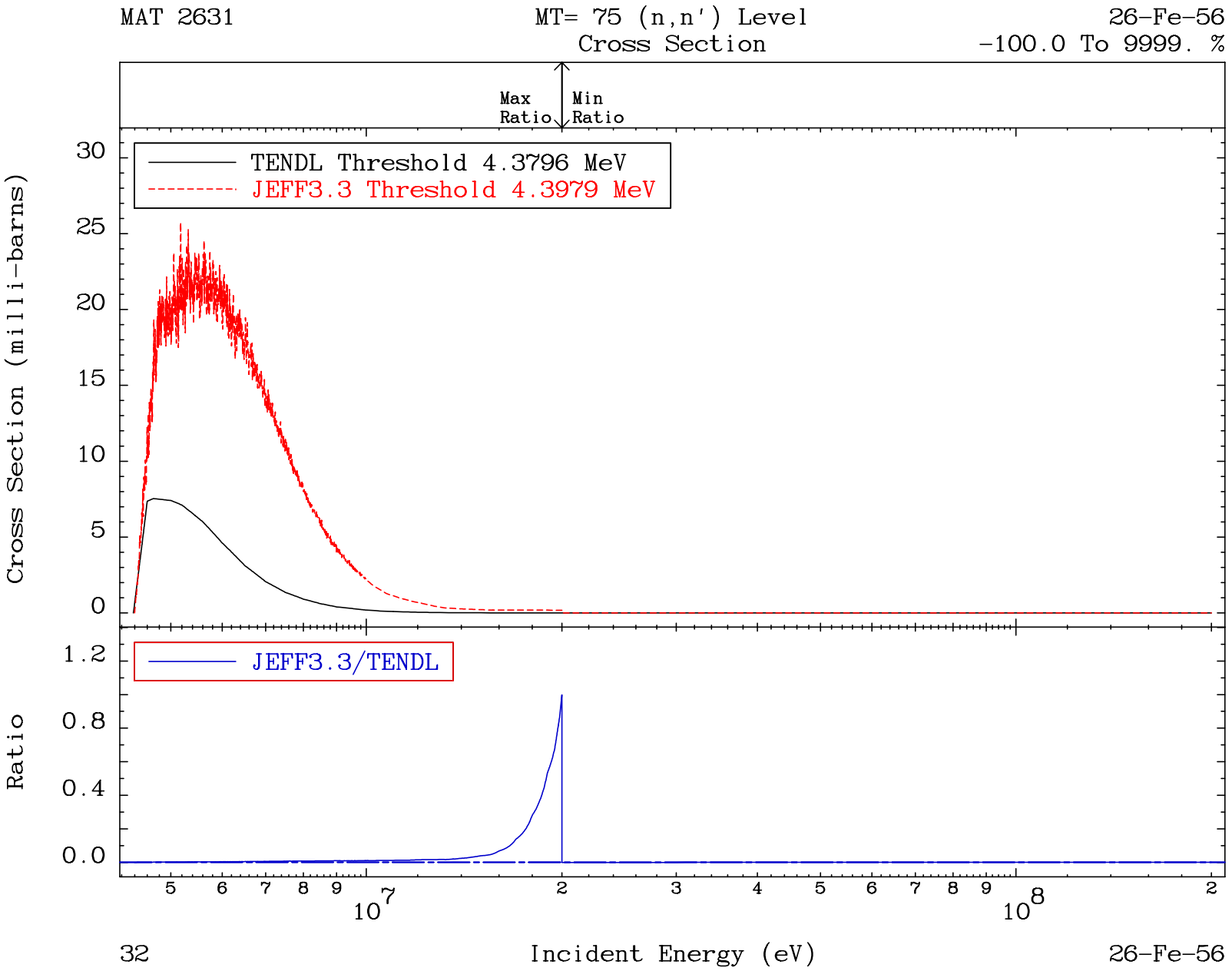

MAT 2631
MT= 70 (n,n') Level
Cross Section
26-Fe-56
-100.0 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 4.1219 MeV
JEFF3.3 Threshold 4.1219 MeV
Cross Section (milli-barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
27
26-Fe-56

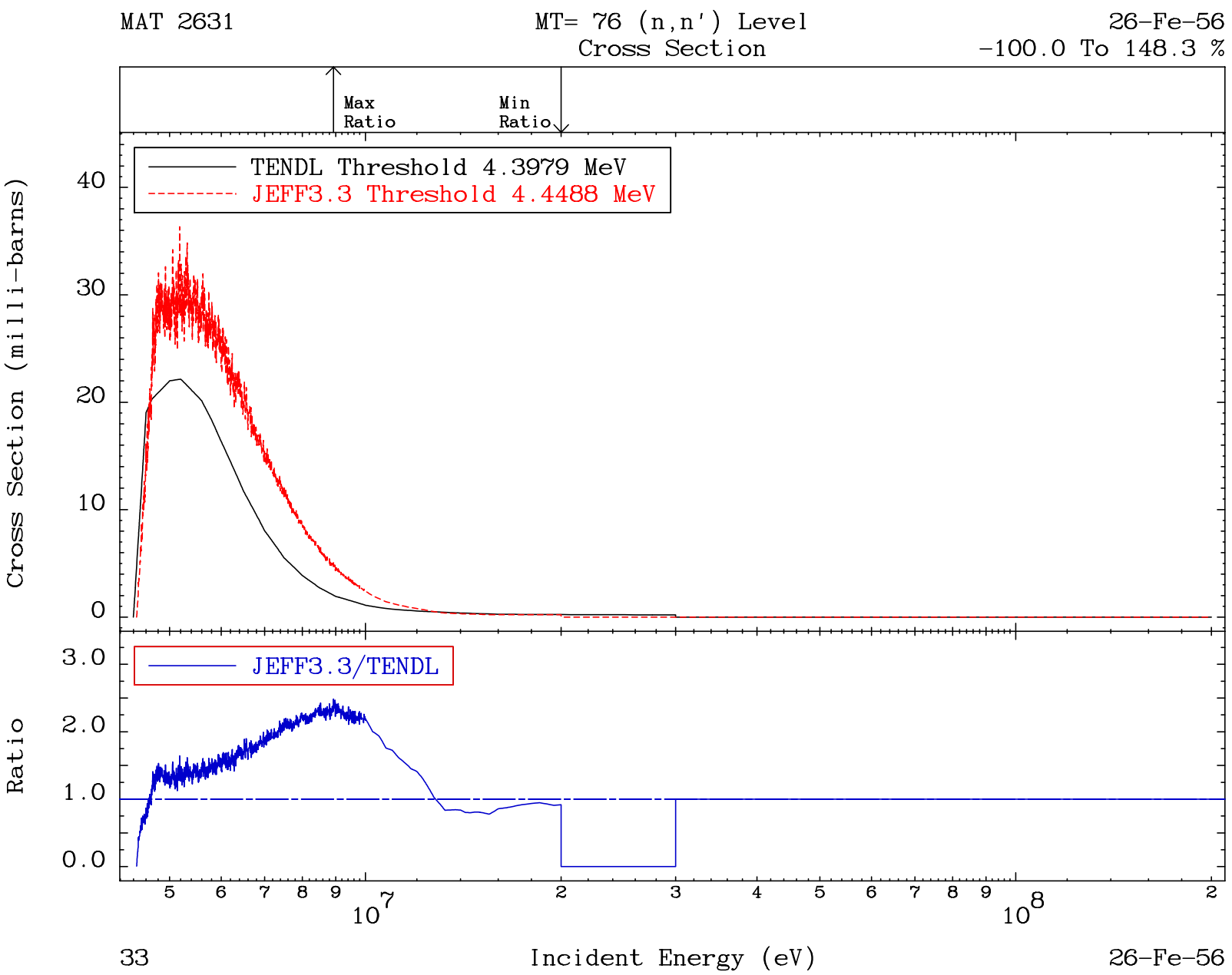

MAT 2631
MT= 71 (n,n') Level
Cross Section
26-Fe-56
-100.0 To 1507. %
Max Ratio
Min Ratio
TENDL Threshold 4.1596 MeV
JEFF3.3 Threshold 4.1739 MeV
Cross Section (milli-barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
28
26-Fe-56

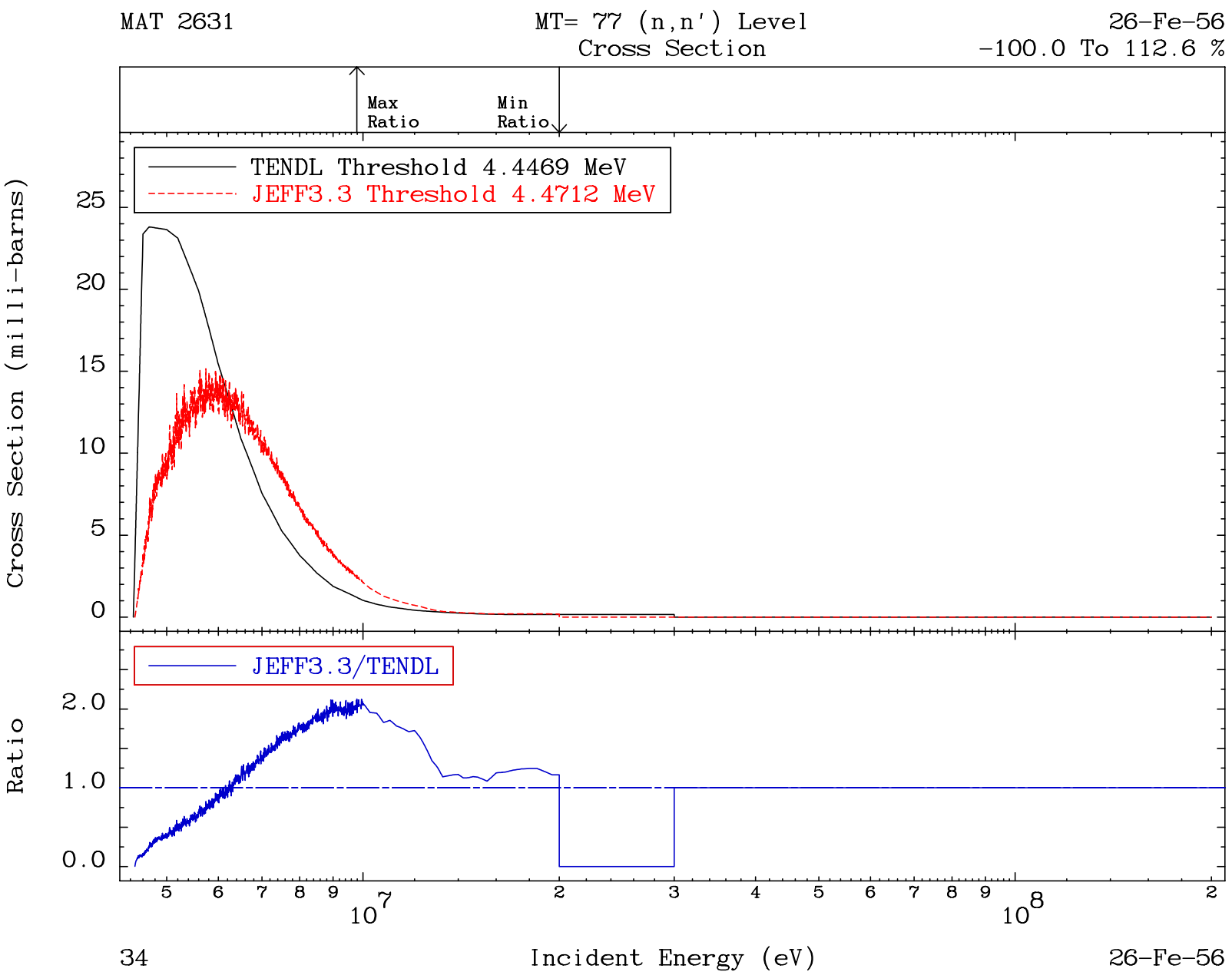

MAT 2631
MT= 72 (n,n') Level
Cross Section
26-Fe-56
-100.0 To 173.9 %
Max Ratio
Min Ratio
TENDL Threshold 4.1743 MeV
JEFF3.3 Threshold 4.1943 MeV
Cross Section (milli-barns)
30
25
20
15
10
5
0
JEFF3.3/TENDL
Ratio
3.0
2.0
1.0
0.0
4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
29
Incident Energy (eV)
26-Fe-56

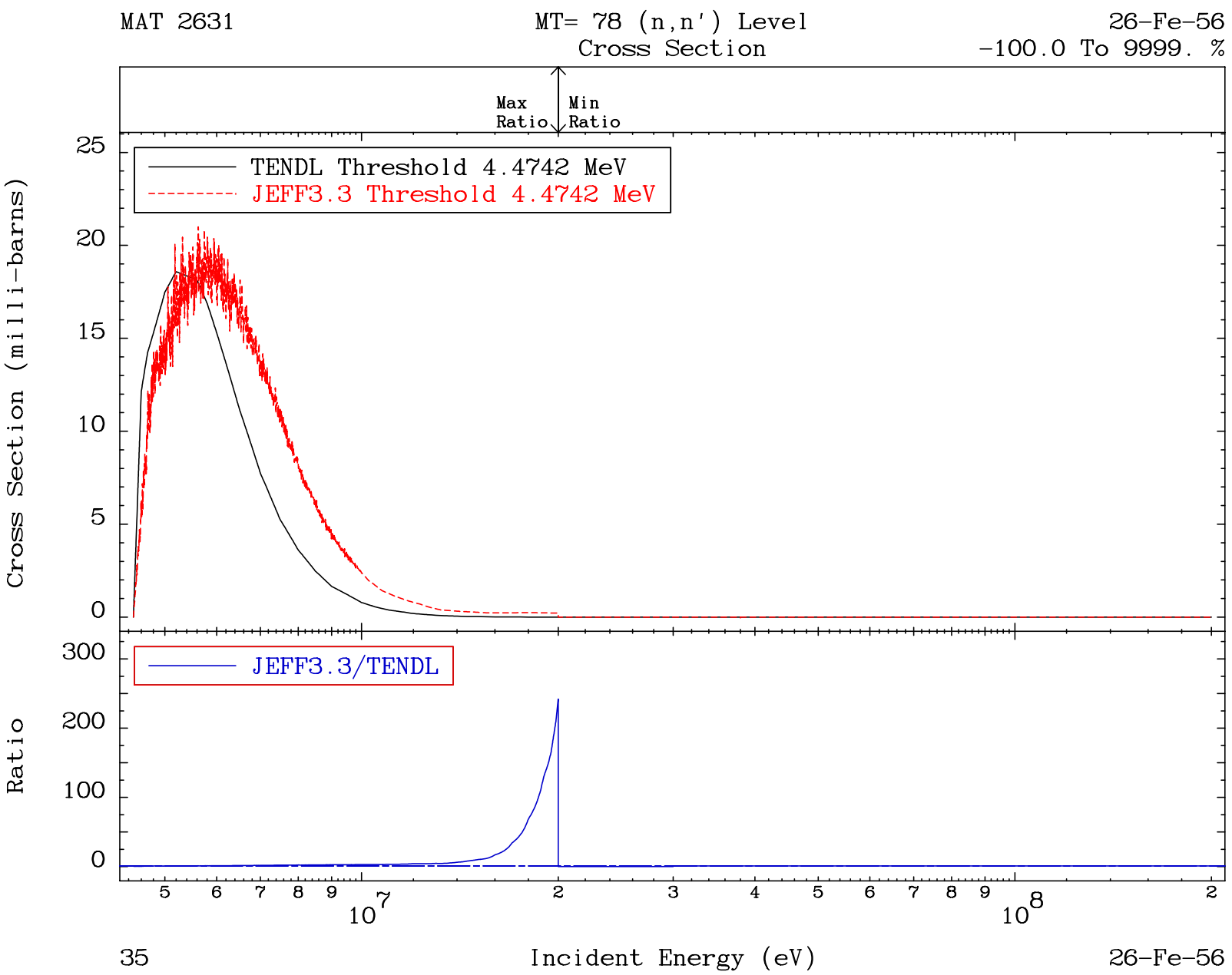

MAT 2631
MT= 73 (n,n') Level
Cross Section
26-Fe-56
-100.0 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 4.1942 MeV
JEFF3.3 Threshold 4.3755 MeV
Cross Section (milli-barns)
30
25
20
15
10
5
0
JEFF3.3/TENDL
Ratio
200
100
0
4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
30
Incident Energy (eV)
26-Fe-56

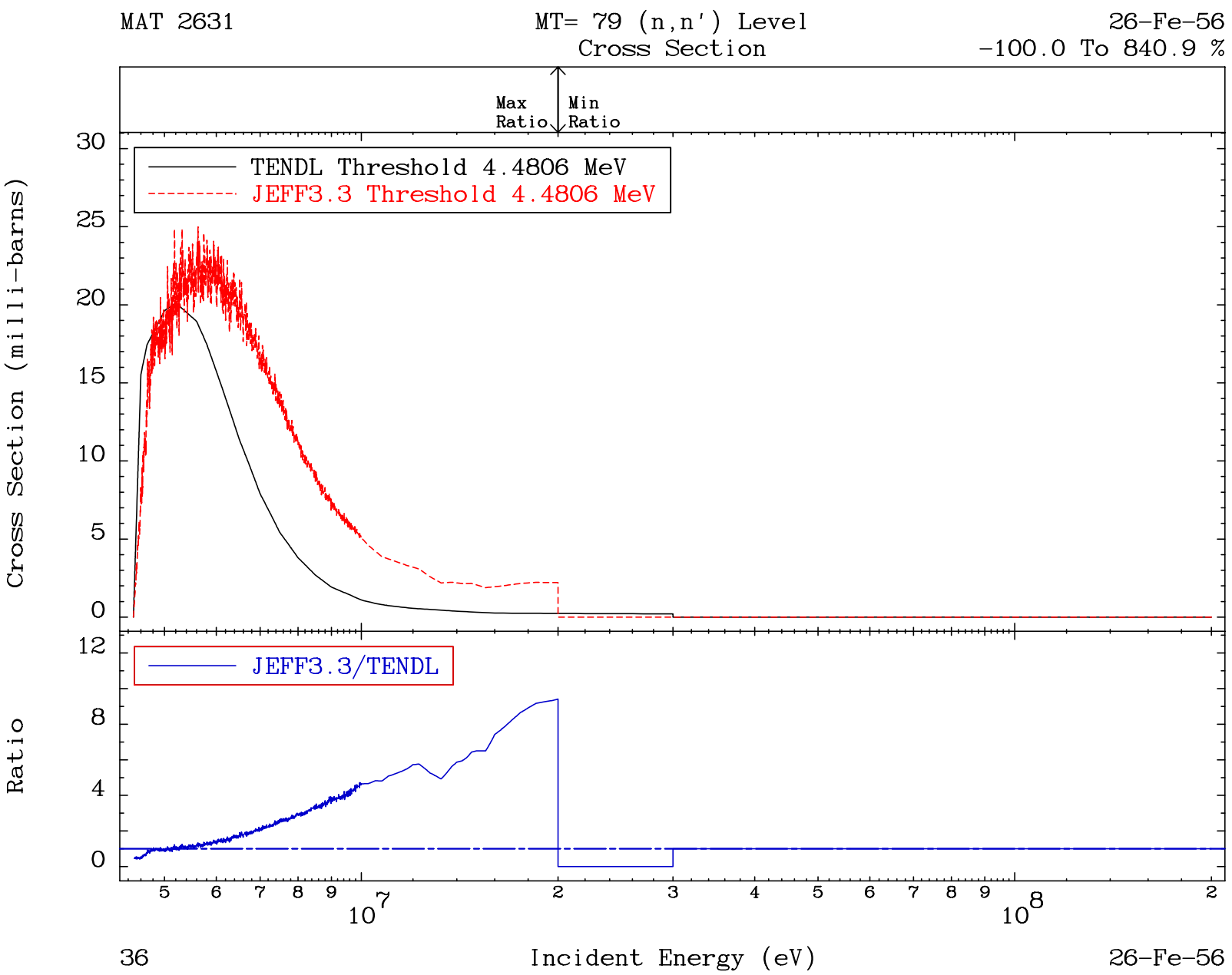

MAT 2631
MT= 74 (n,n') Level
Cross Section
26-Fe-56
-100.0 To 0.000 %
Min Ratio
Max Ratio
TENDL Threshold 4.3756 MeV
JEFF3.3 Threshold 4.3775 MeV
Cross Section (milli-barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
31
26-Fe-56

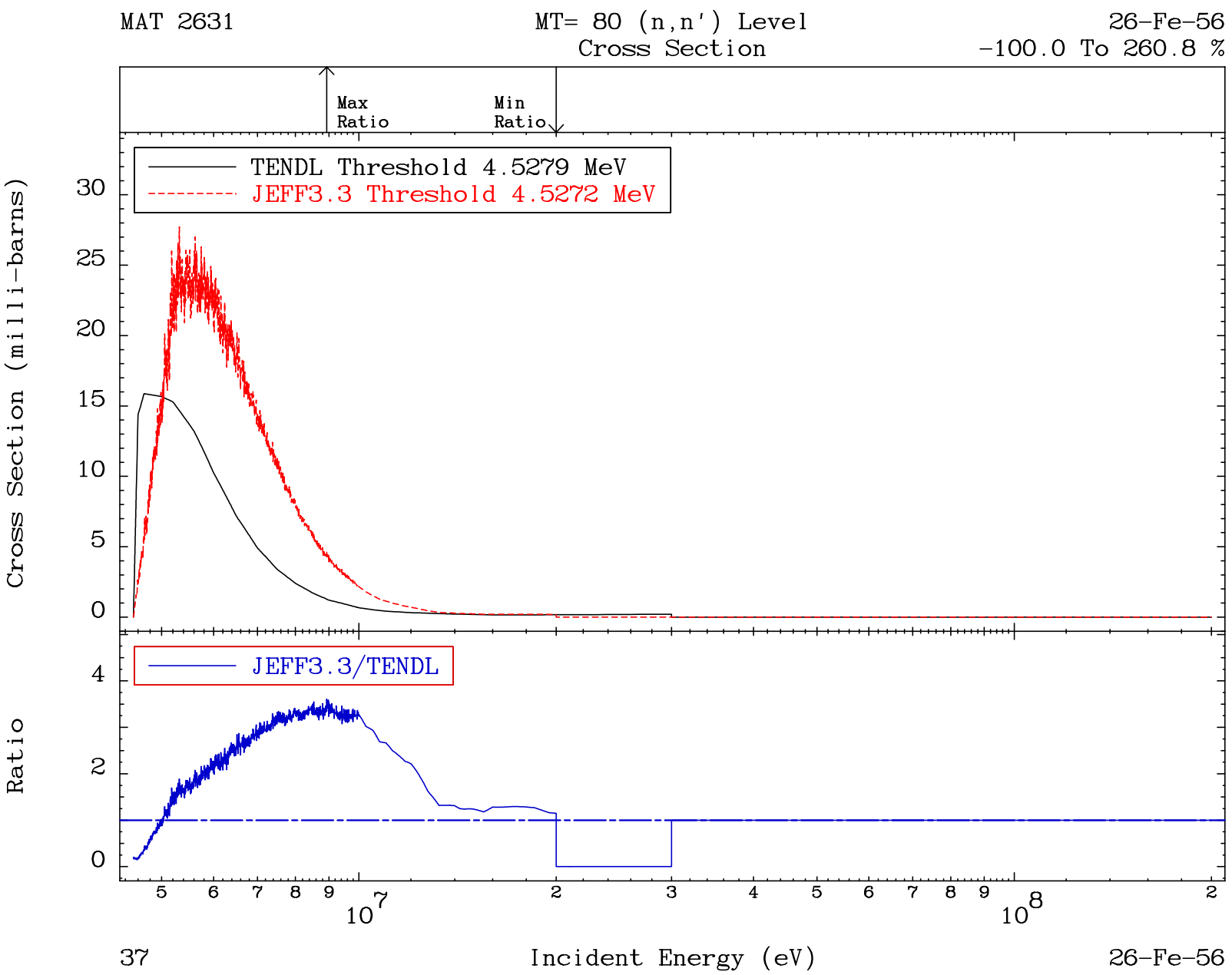

MAT 2631
MT= 75 (n,n') Level
Cross Section
26-Fe-56
-100.0 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 4.3796 MeV
JEFF3.3 Threshold 4.3979 MeV
Cross Section (milli-barns)
30
25
20
15
10
5
0
JEFF3.3/TENDL
Ratio
1.2
0.8
0.4
0.0
5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
32
Incident Energy (eV)
26-Fe-56

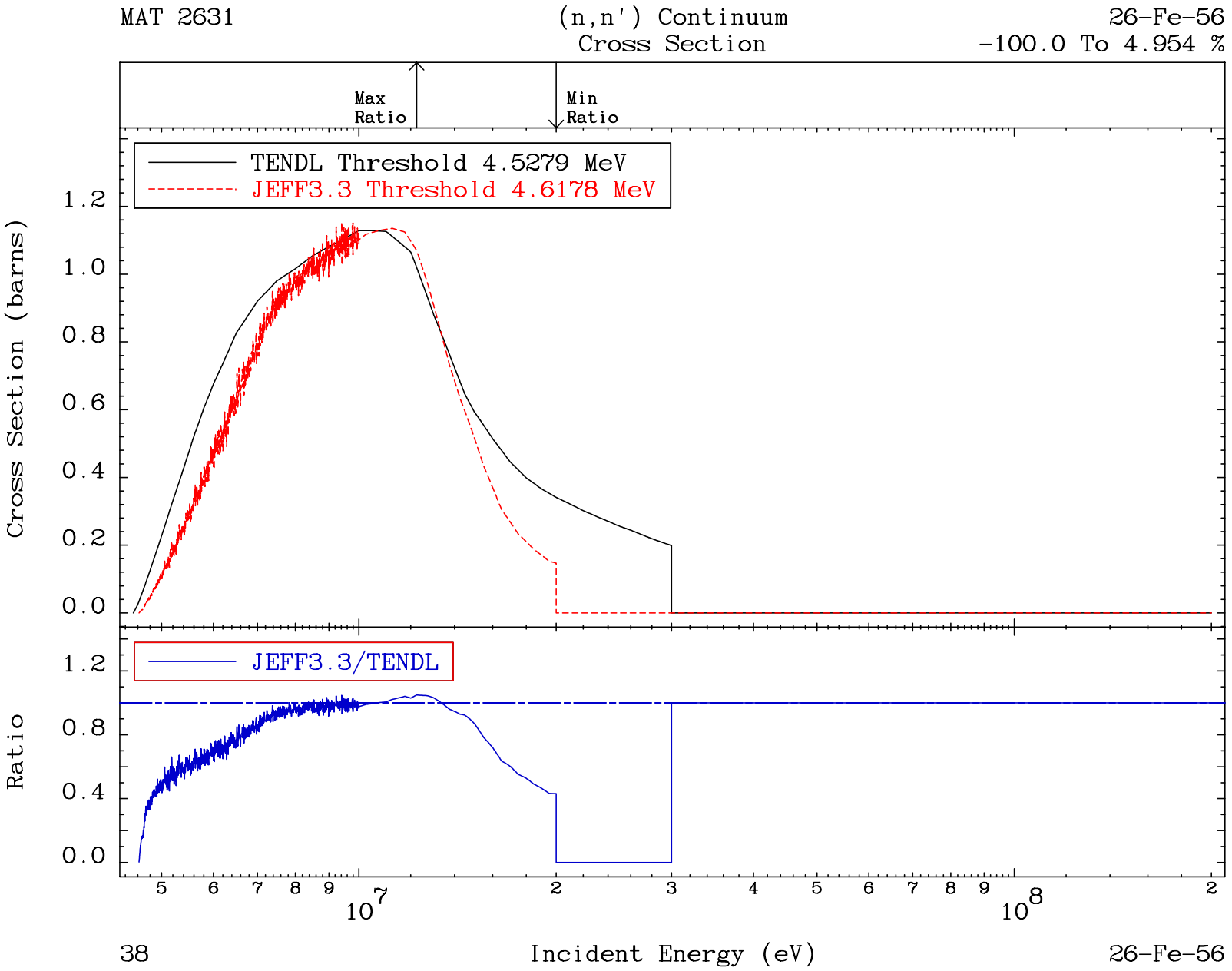

MAT 2631
MT= 76 (n,n') Level
Cross Section
26-Fe-56
-100.0 To 148.3 %
Max
Ratio
Min
Ratio
TENDL Threshold 4.3979 MeV
JEFF3.3 Threshold 4.4488 MeV
Cross Section (milli-barns)
40
30
20
10
0
JEFF3.3/TENDL
Ratio
3.0
2.0
1.0
0.0
5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
33
Incident Energy (eV)
26-Fe-56

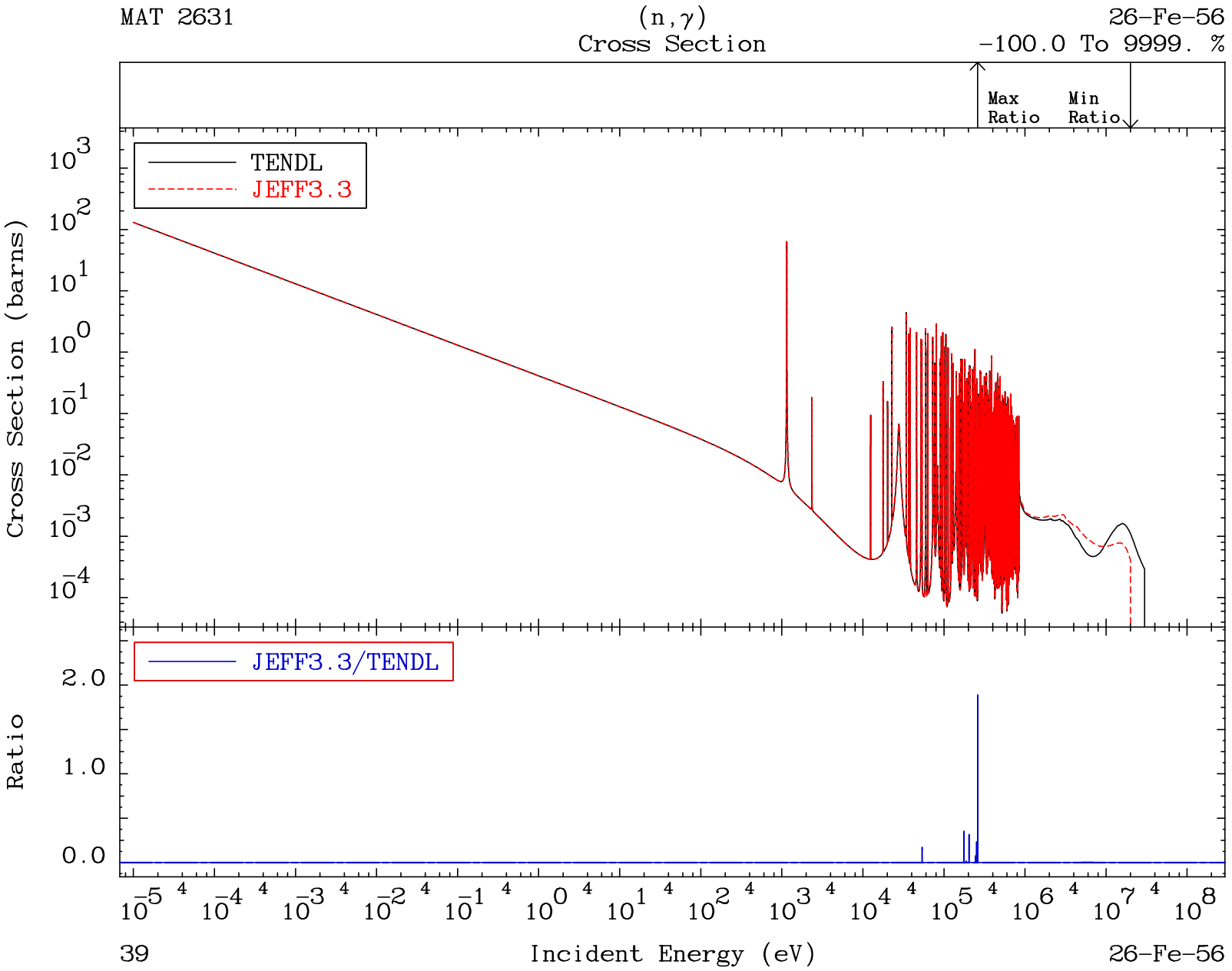

MAT 2631
MT= 77 (n,n') Level
Cross Section
26-Fe-56
-100.0 To 112.6 %
Max Ratio
Min Ratio
TENDL Threshold 4.4469 MeV
JEFF3.3 Threshold 4.4712 MeV
Cross Section (milli-barns)
25
20
15
10
5
0
JEFF3.3/TENDL
Ratio
2.0
1.0
0.0
5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
34
Incident Energy (eV)
26-Fe-56

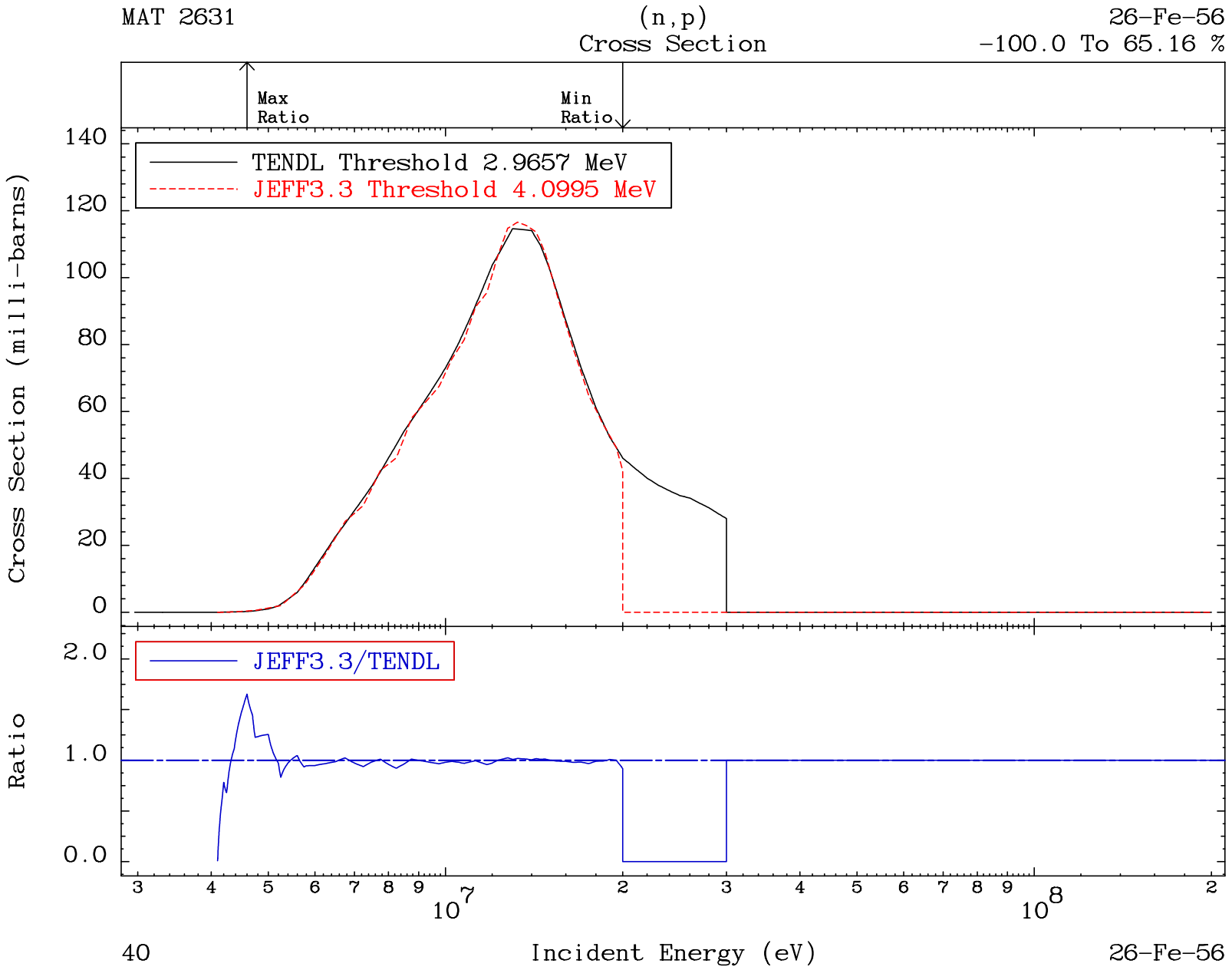

MAT 2631
MT= 78 (n,n') Level
Cross Section
26-Fe-56
-100.0 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 4.4742 MeV
JEFF3.3 Threshold 4.4742 MeV
Cross Section (milli-barns)
25
20
15
10
5
0
JEFF3.3/TENDL
Ratio
300
200
100
0
5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
35
Incident Energy (eV)
26-Fe-56

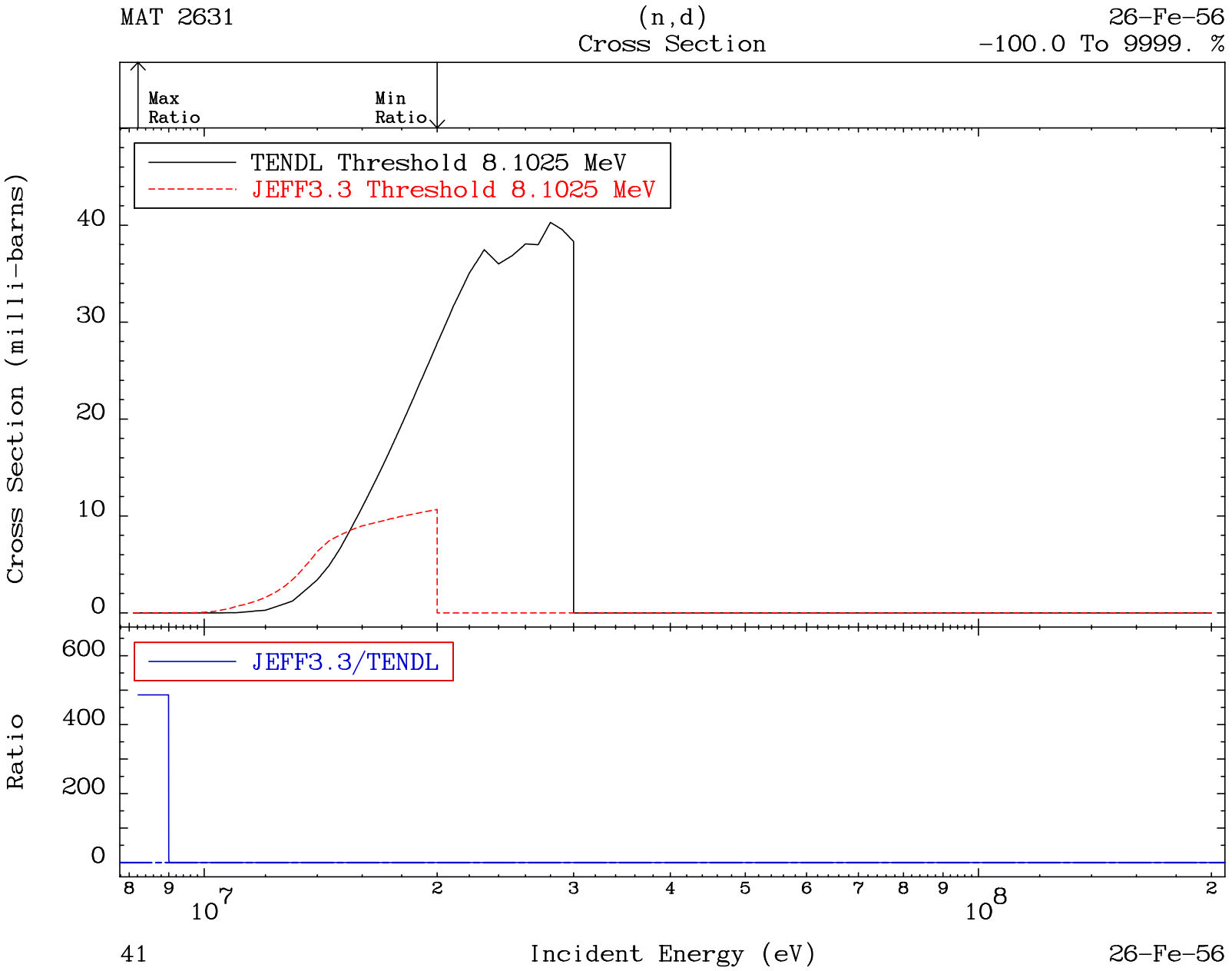

MAT 2631
MT= 79 (n,n') Level
Cross Section
26-Fe-56
-100.0 To 840.9 %
Max Ratio
Min Ratio
TENDL Threshold 4.4806 MeV
JEFF3.3 Threshold 4.4806 MeV
Cross Section (milli-barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
36
26-Fe-56

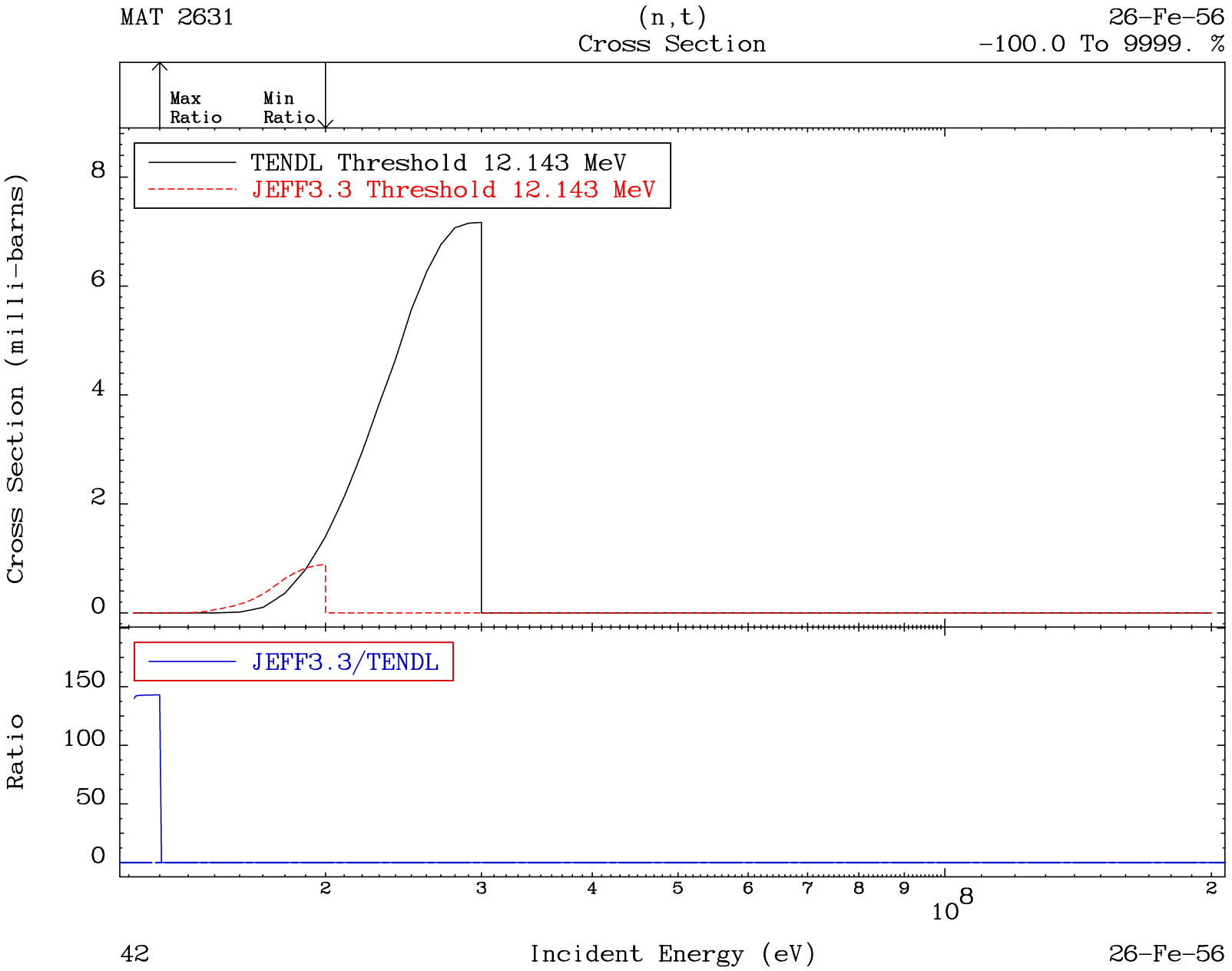

MAT 2631
MT= 80 (n,n') Level
Cross Section
26-Fe-56
-100.0 To 260.8 %
Max Ratio
Min Ratio
TENDL Threshold 4.5279 MeV
JEFF3.3 Threshold 4.5272 MeV
Cross Section (milli-barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
37
26-Fe-56

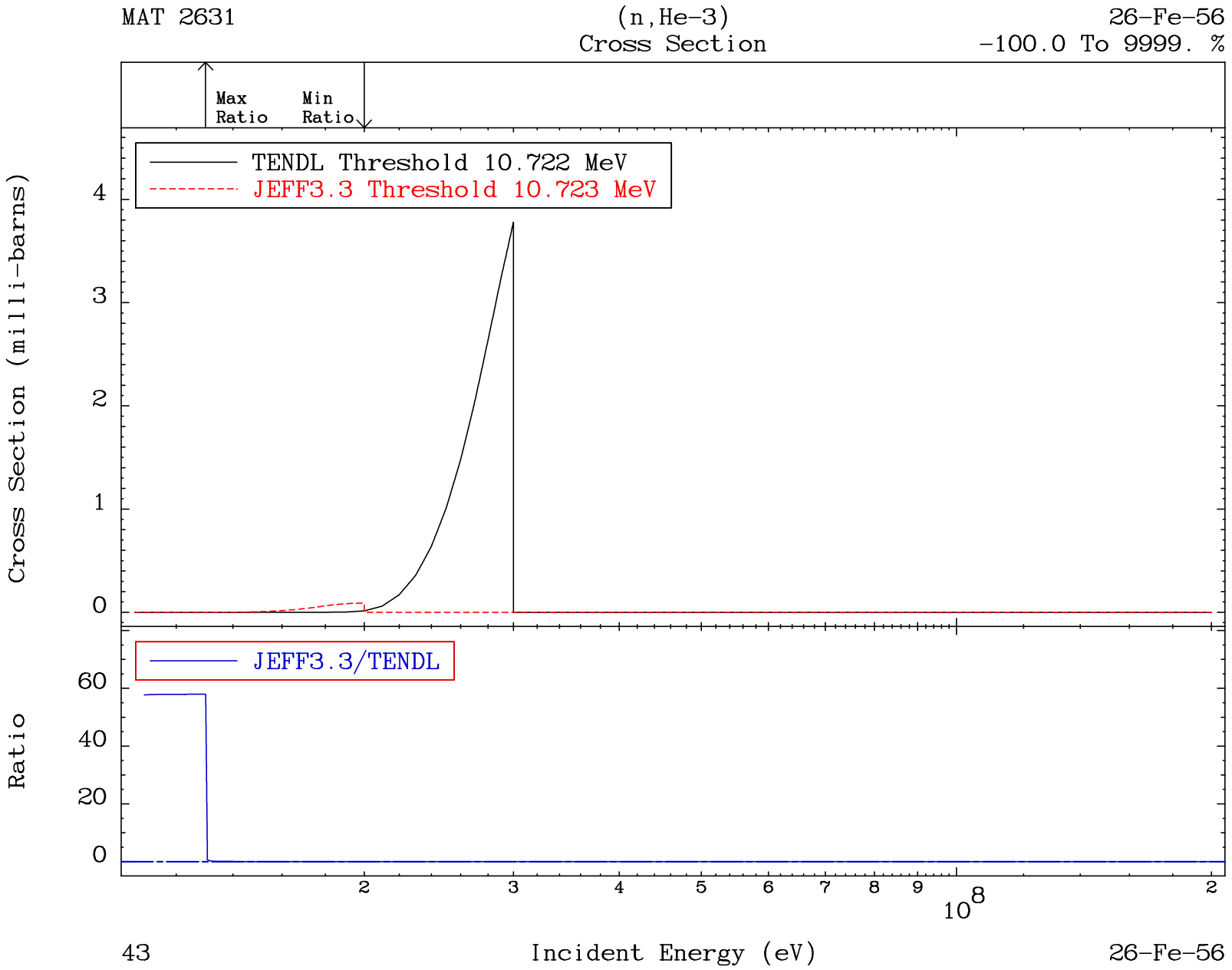

MAT 2631
(n,n') Continuum
Cross Section
26-Fe-56
-100.0 To 4.954 %
Max Ratio
Min Ratio
TENDL Threshold 4.5279 MeV
JEFF3.3 Threshold 4.6178 MeV
Cross Section (barns)
1.2
1.0
0.8
0.6
0.4
0.2
0.0
JEFF3.3/TENDL
Ratio
1.2
0.8
0.4
0.0
5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
38
Incident Energy (eV)
26-Fe-56

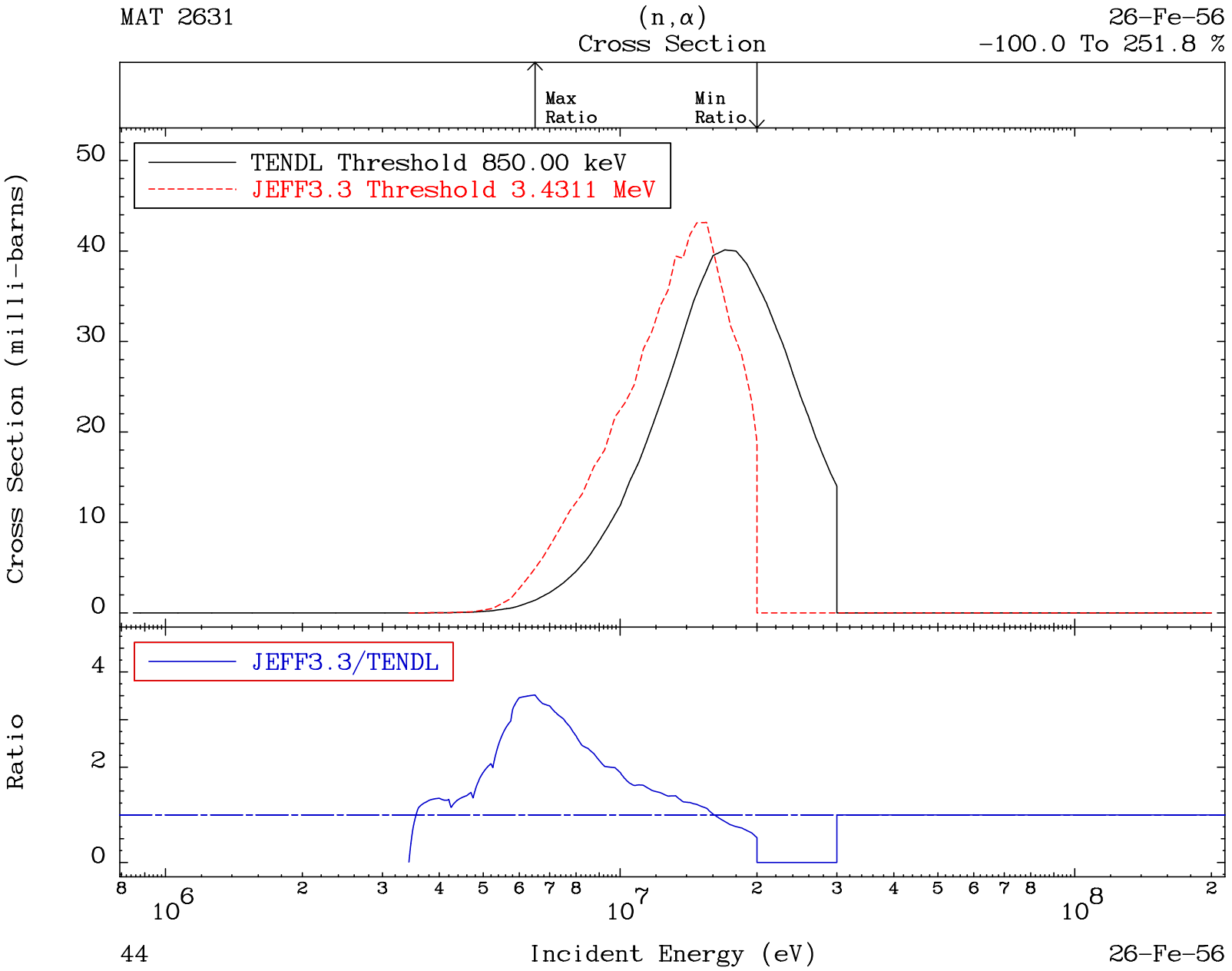

MAT 2631
(n,γ)
Cross Section
26-Fe-56
-100.0 To 9999. %
Max Ratio
Min Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
39
26-Fe-56

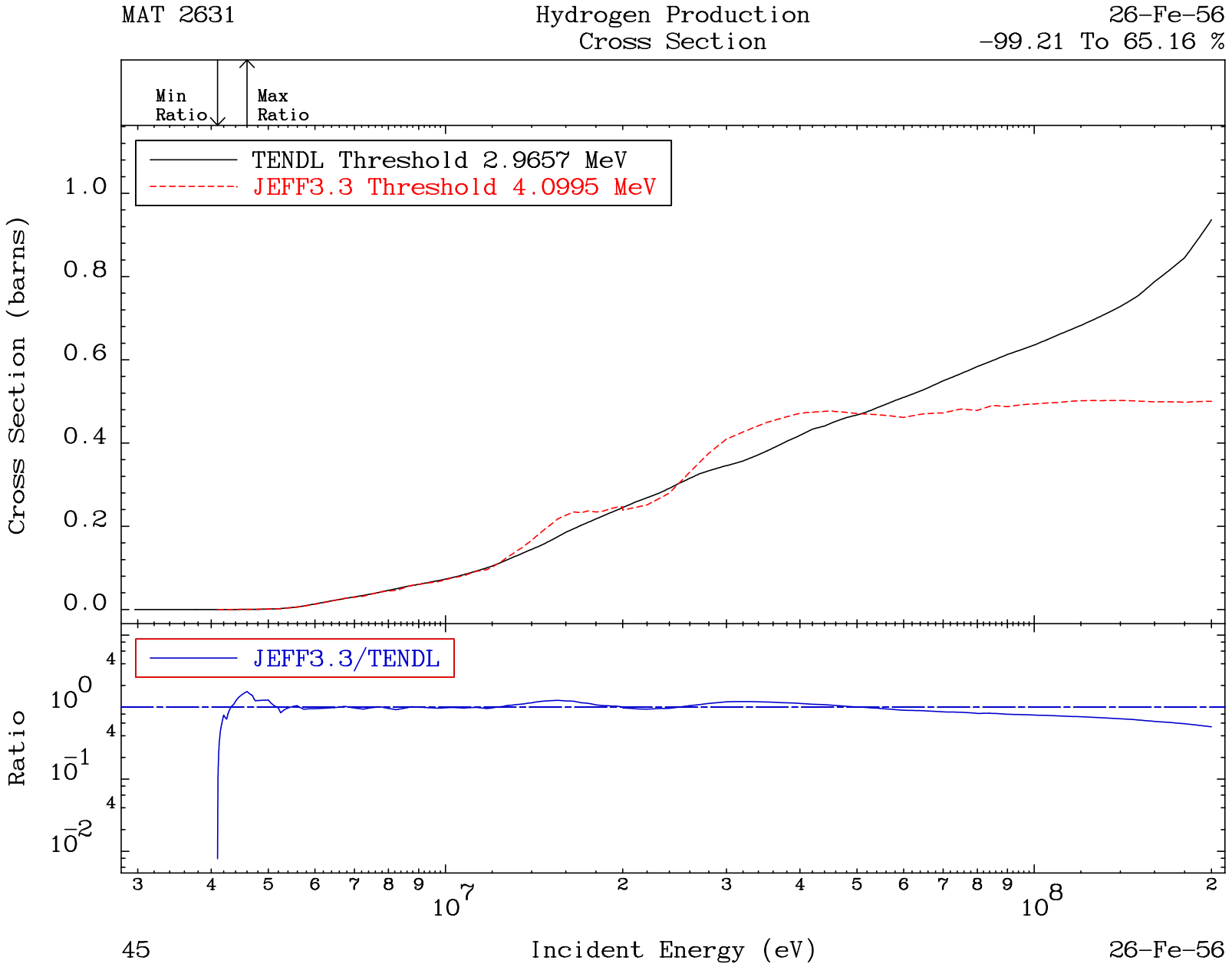

MAT 2631
(n,p)
Cross Section
26-Fe-56
-100.0 To 65.16 %
Max Ratio
Min Ratio
TENDL Threshold 2.9657 MeV
JEFF3.3 Threshold 4.0995 MeV
Cross Section (milli-barns)
140
120
100
80
60
40
20
0
JEFF3.3/TENDL
Ratio
2.0
1.0
0.0
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
40
Incident Energy (eV)
26-Fe-56

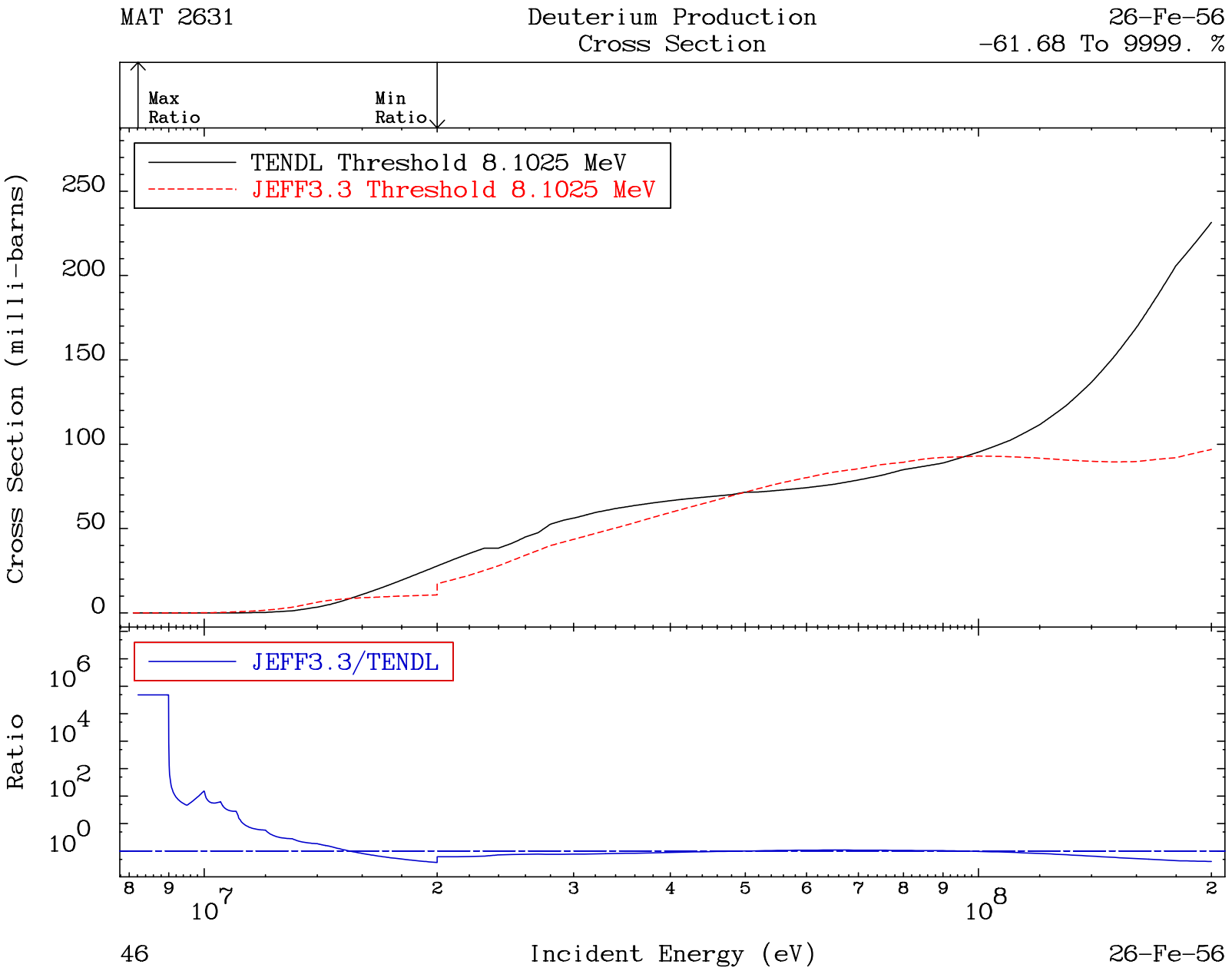

MAT 2631
(n,d)
Cross Section
26-Fe-56
-100.0 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 8.1025 MeV
JEFF3.3 Threshold 8.1025 MeV
Cross Section (milli-barns)
40
30
20
10
0
JEFF3.3/TENDL
Ratio
600
400
200
0
8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
41
Incident Energy (eV)
26-Fe-56

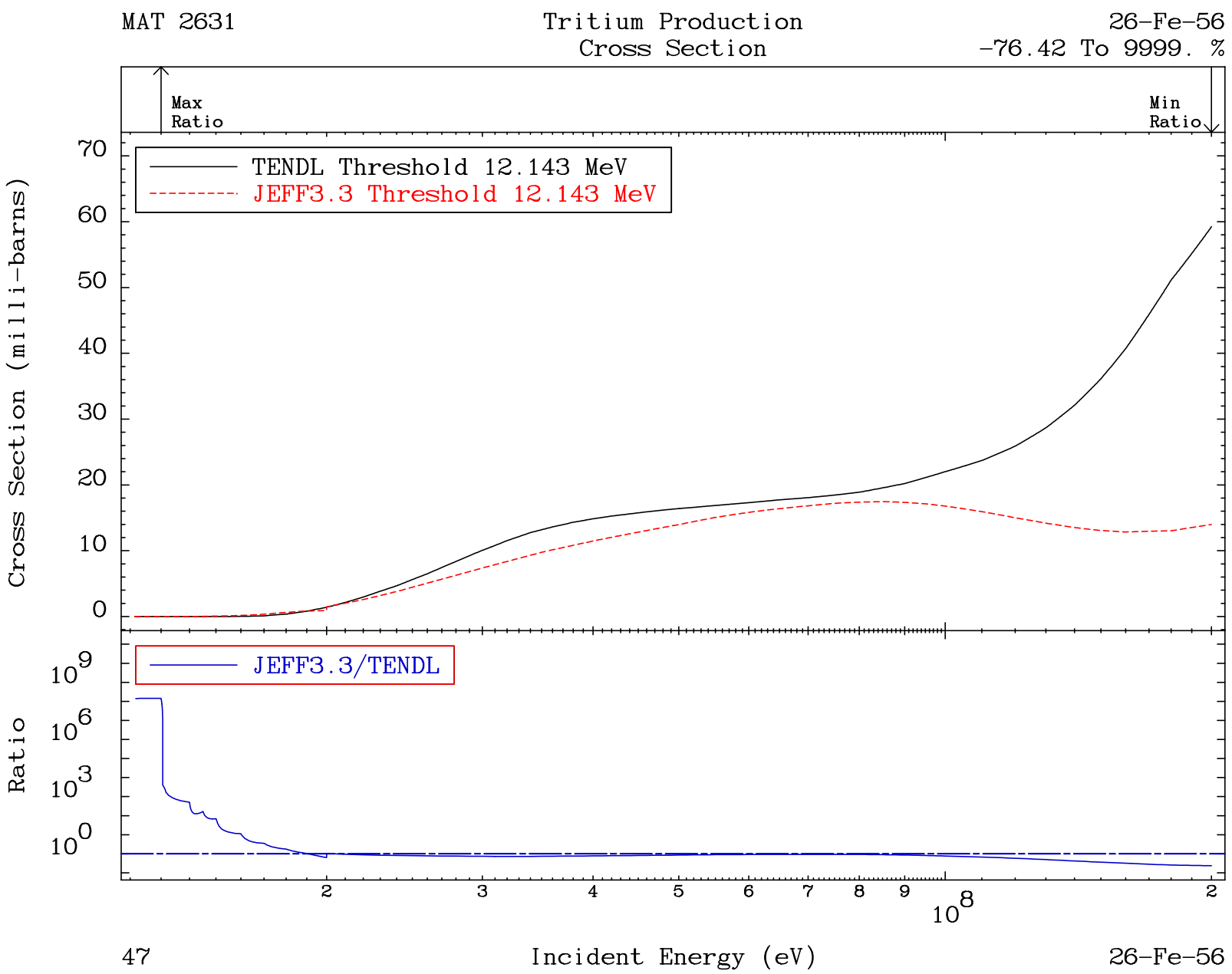

MAT 2631
(n,t)
Cross Section
26-Fe-56
-100.0 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 12.143 MeV
JEFF3.3 Threshold 12.143 MeV
Cross Section (milli-barns)
8
6
4
2
0
JEFF3.3/TENDL
Ratio
150
100
50
0
2
3
4
5
6
7
8
9
10^8
2
42
Incident Energy (eV)
26-Fe-56

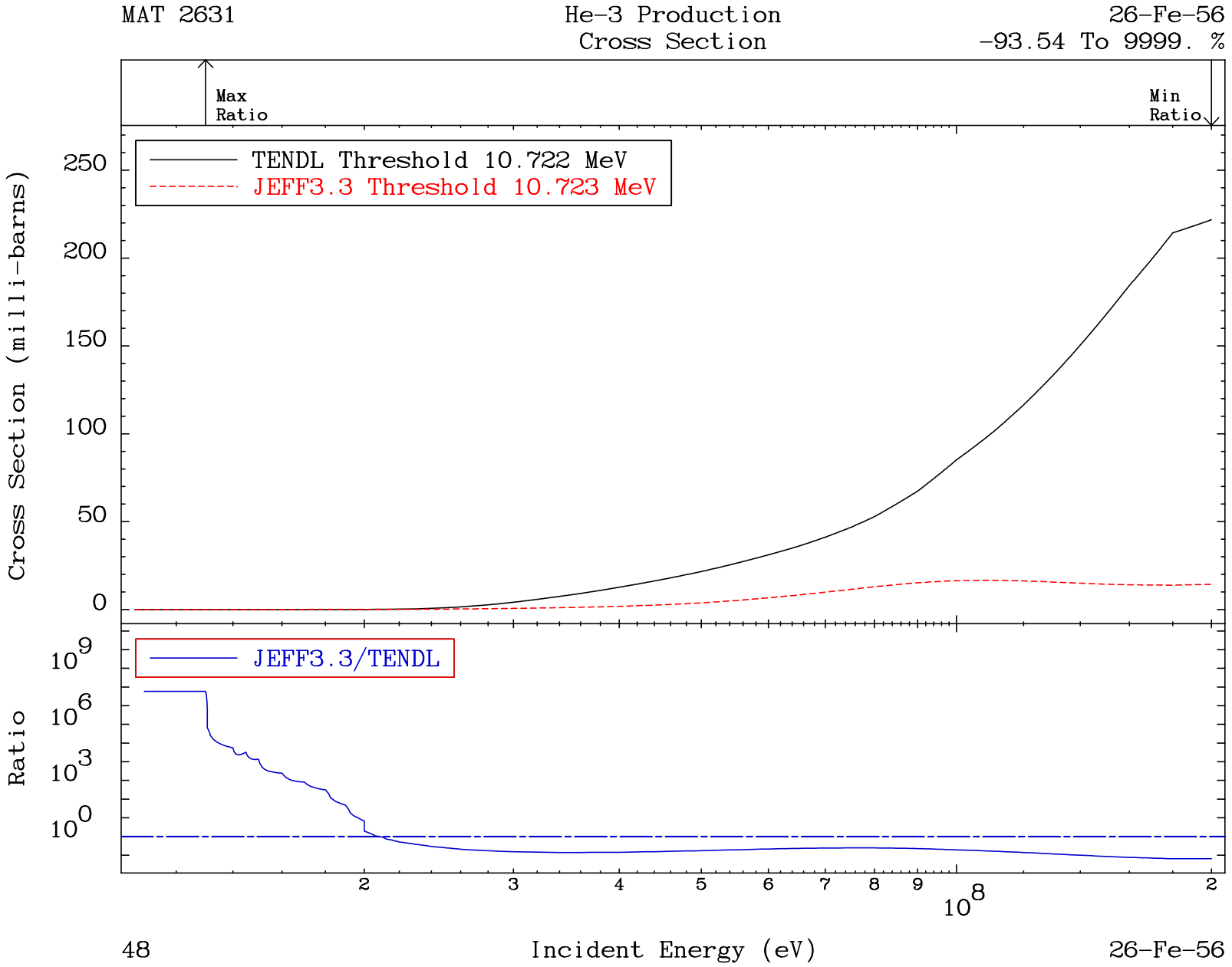

MAT 2631
(n,He-3)
Cross Section
26-Fe-56
-100.0 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 10.722 MeV
JEFF3.3 Threshold 10.723 MeV
Cross Section (milli-barns)
0
1
2
3
4
JEFF3.3/TENDL
Ratio
0
20
40
60
2
3
4
5
6
7
8
9
10^8
2
43
Incident Energy (eV)
26-Fe-56

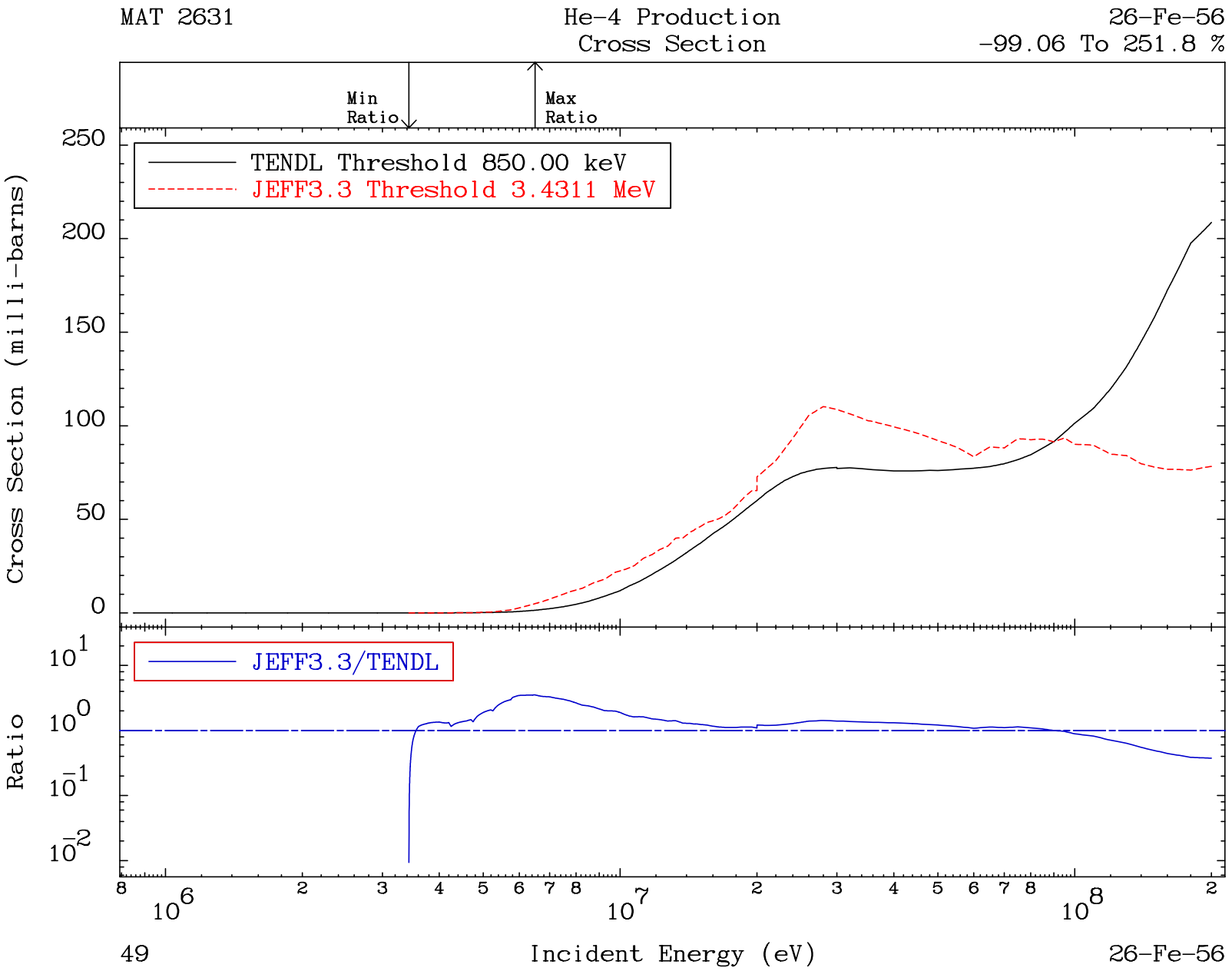

MAT 2631
(n,α)
Cross Section
26-Fe-56
-100.0 To 251.8 %
Max Ratio
Min Ratio
TENDL Threshold 850.00 keV
JEFF3.3 Threshold 3.4311 MeV
Cross Section (milli-barns)
50
40
30
20
10
0
JEFF3.3/TENDL
Ratio
4
2
0
8
2
3
4
5
6
7
8
10^6
10^7
10^8
44
Incident Energy (eV)
26-Fe-56

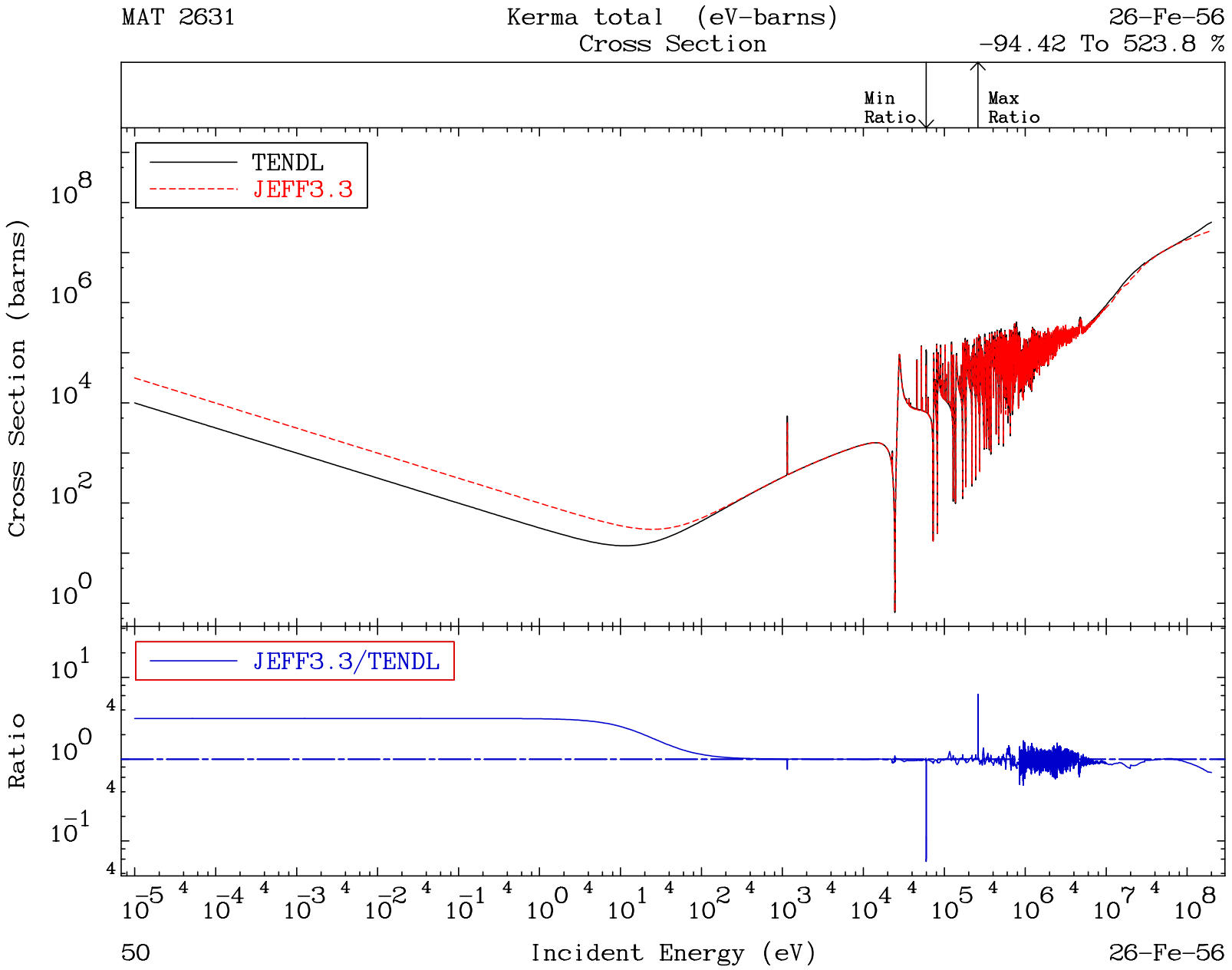

MAT 2631
Hydrogen Production
Cross Section
26-Fe-56
-99.21 To 65.16 %
Min Ratio
Max Ratio
TENDL Threshold 2.9657 MeV
JEFF3.3 Threshold 4.0995 MeV
Cross Section (barns)
1.0
0.8
0.6
0.4
0.2
0.0
JEFF3.3/TENDL
Ratio
4
10^0
4
10^-1
4
10^-2
3 4 5 6 7 8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
45
Incident Energy (eV)
26-Fe-56

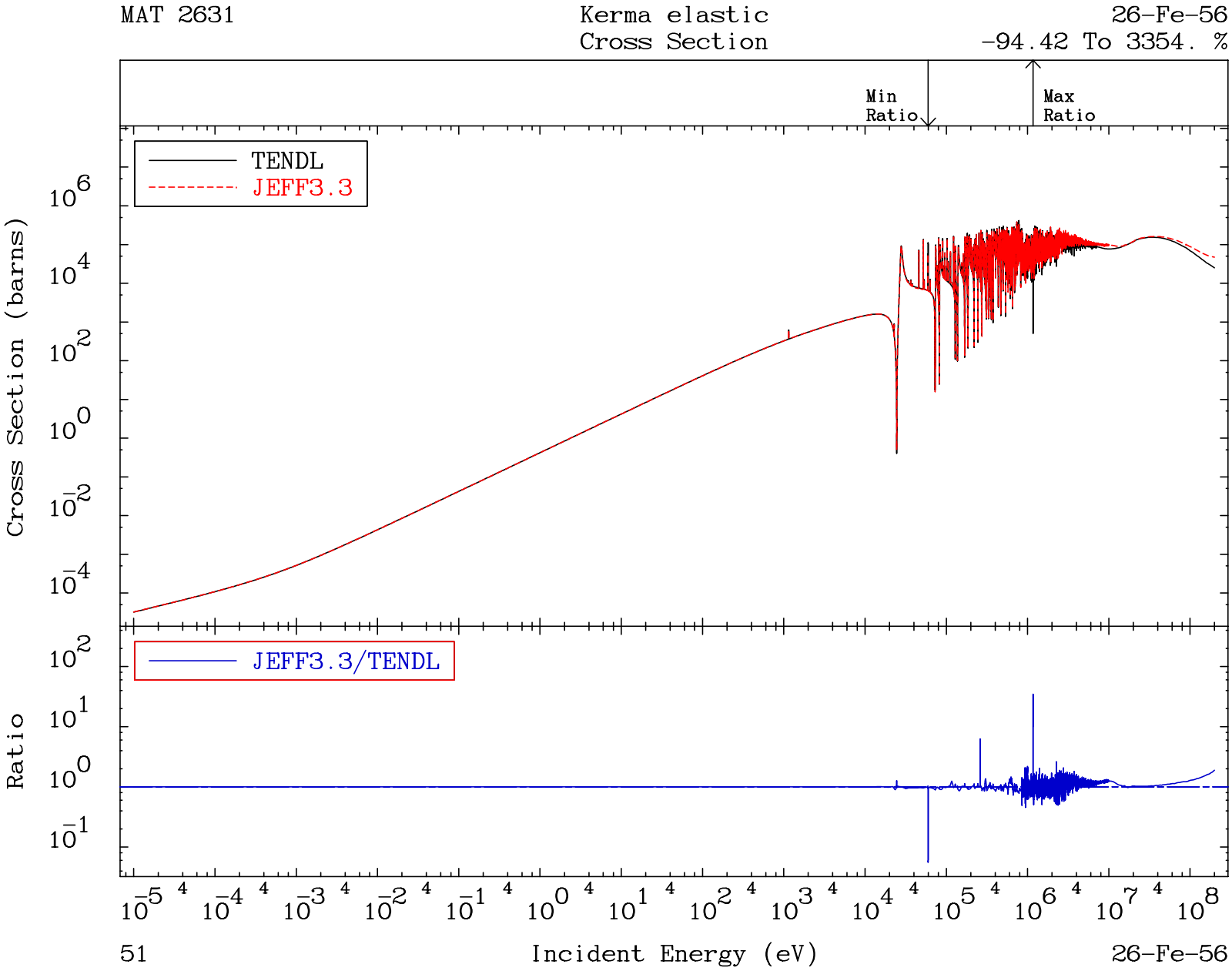

MAT 2631
Deuterium Production
Cross Section
26-Fe-56
-61.68 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 8.1025 MeV
JEFF3.3 Threshold 8.1025 MeV
Cross Section (milli-barns)
250
200
150
100
50
0
JEFF3.3/TENDL
Ratio
10^6
10^4
10^2
10^0
8 9 10^7 2 3 4 5 6 7 8 9 10^8 2
46
Incident Energy (eV)
26-Fe-56

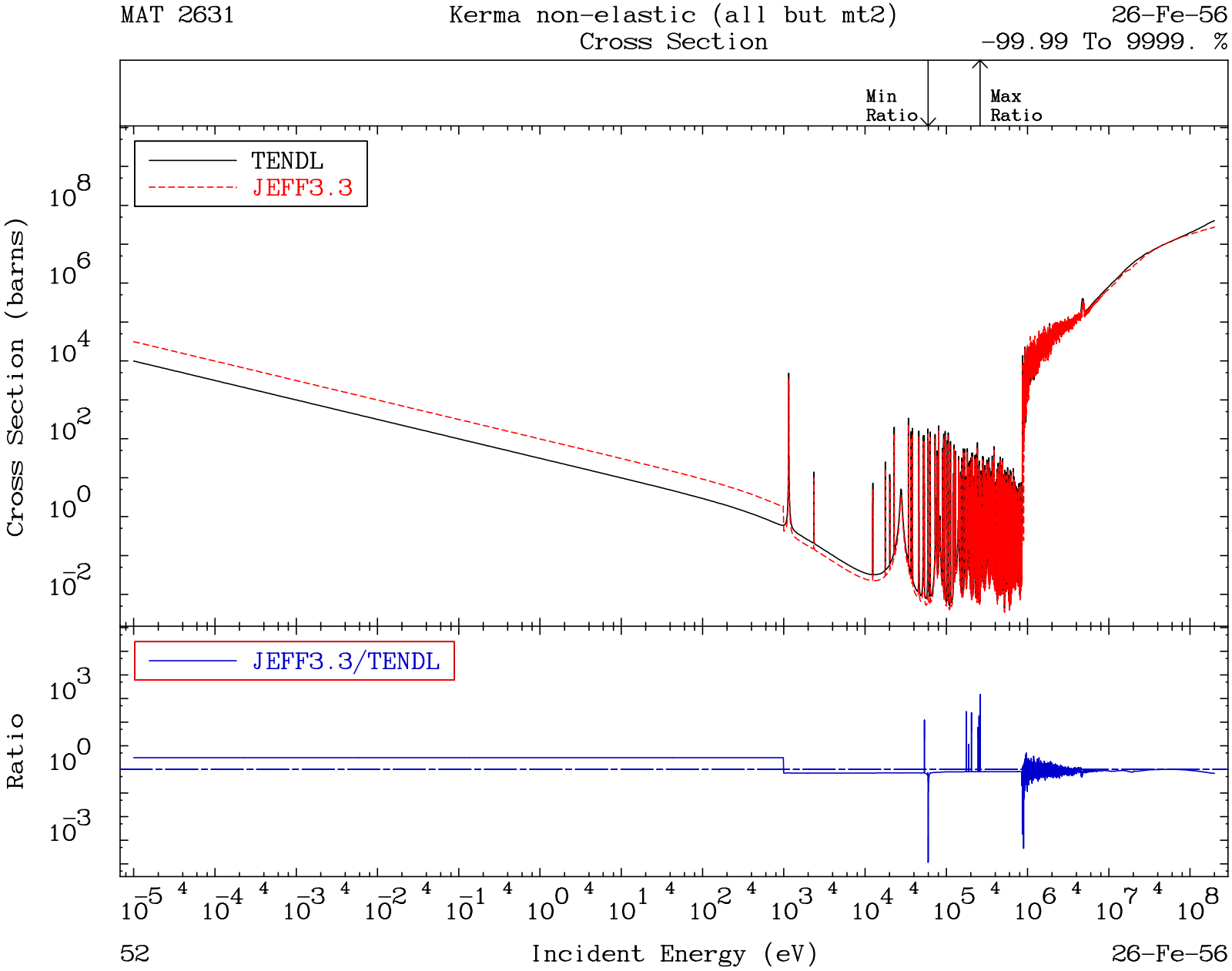

MAT 2631
Tritium Production
Cross Section
26-Fe-56
-76.42 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 12.143 MeV
JEFF3.3 Threshold 12.143 MeV
Cross Section (milli-barns)
70
60
50
40
30
20
10
0
JEFF3.3/TENDL
Ratio
10^9
10^6
10^3
10^0
2
3
4
5
6
7
8
9
10^8
2
47
Incident Energy (eV)
26-Fe-56

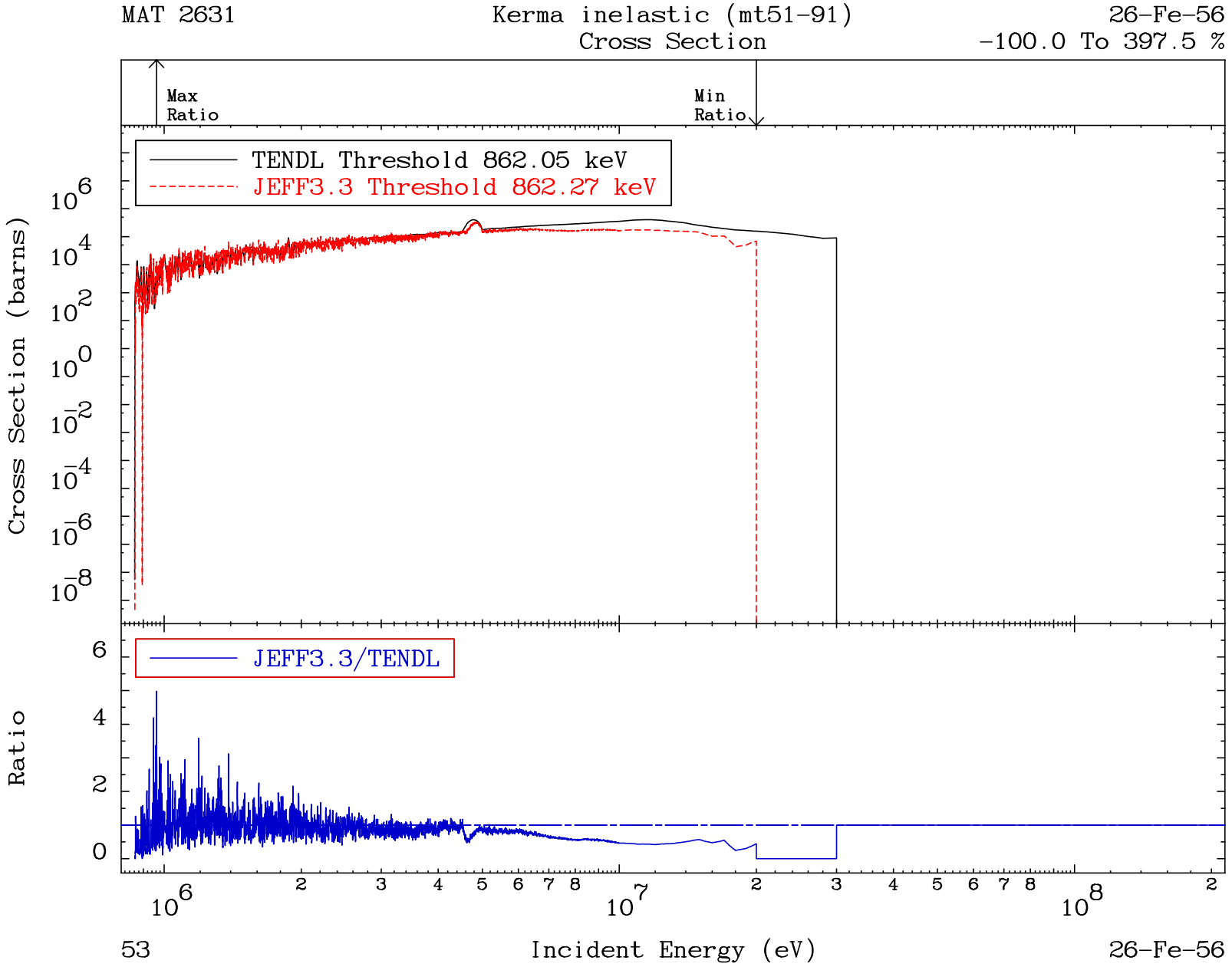

MAT 2631
He-3 Production
Cross Section
26-Fe-56
-93.54 To 9999. %
Max Ratio
Min Ratio
TENDL Threshold 10.722 MeV
JEFF3.3 Threshold 10.723 MeV
Cross Section (milli-barns)
250
200
150
100
50
0
JEFF3.3/TENDL
Ratio
10^9
10^6
10^3
10^0
2
3
4
5
6
7
8
9
10^8
2
48
Incident Energy (eV)
26-Fe-56

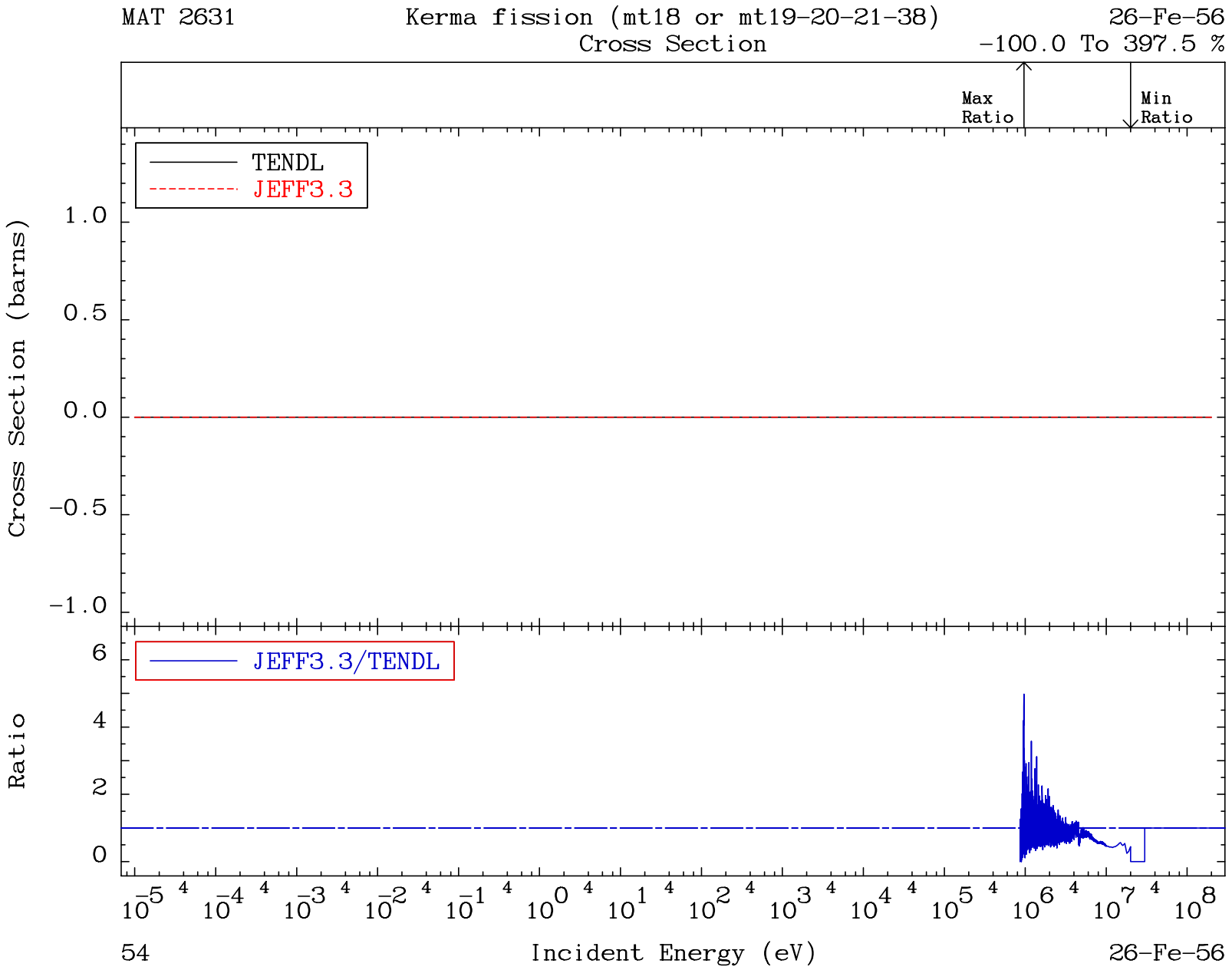

MAT 2631
He-4 Production
Cross Section
26-Fe-56
-99.06 To 251.8 %
Min Ratio
Max Ratio
TENDL Threshold 850.00 keV
JEFF3.3 Threshold 3.4311 MeV
Cross Section (milli-barns)
250
200
150
100
50
0
JEFF3.3/TENDL
Ratio
10^1
10^0
10^-1
10^-2
8
10^6
2
3
4
5
6
7
8
10^7
2
3
4
5
6
7
8
10^8
2
49
Incident Energy (eV)
26-Fe-56

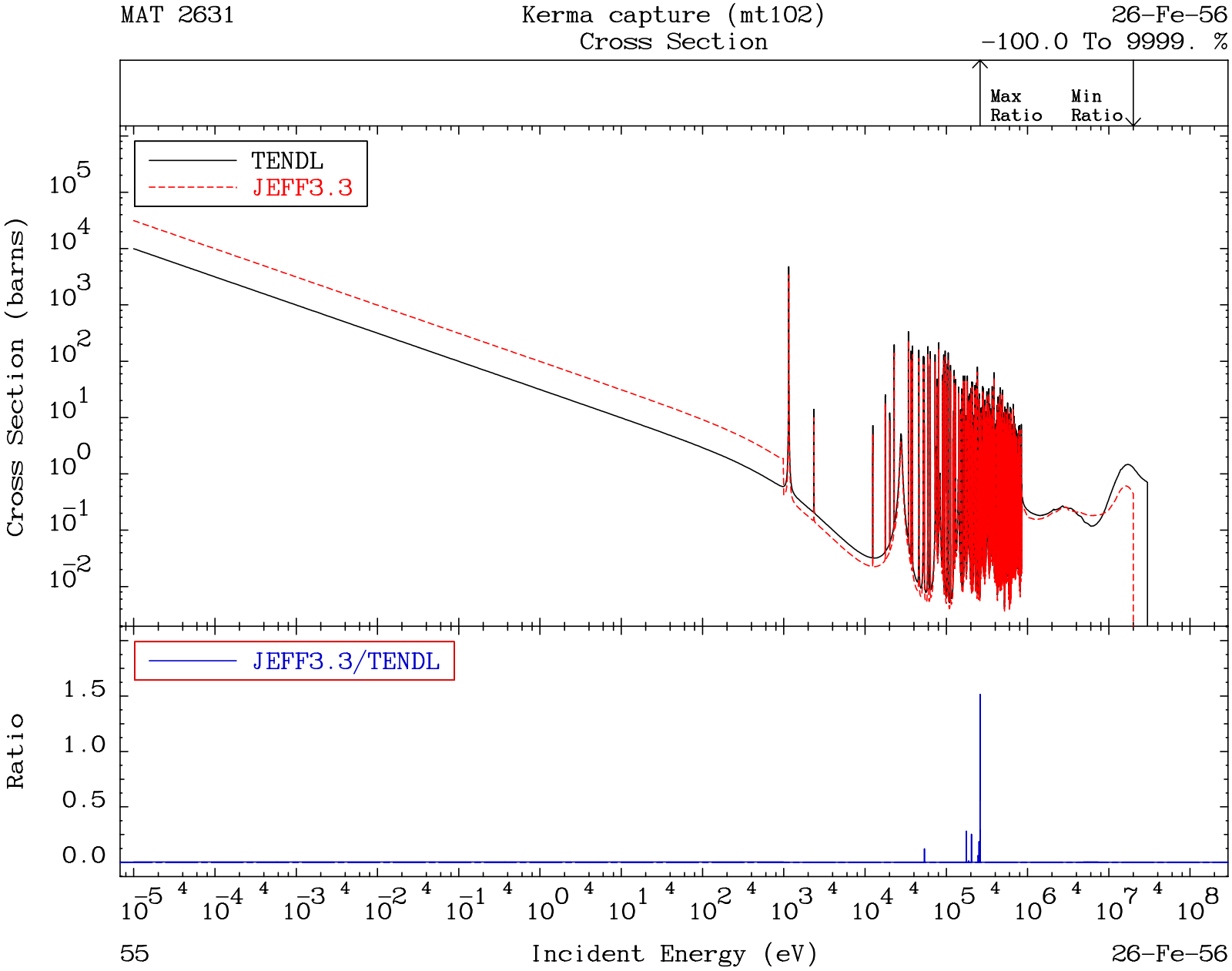

MAT 2631
Kerma total (eV-barns)
Cross Section
26-Fe-56
-94.42 To 523.8 %
Min Ratio
Max Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
50
26-Fe-56

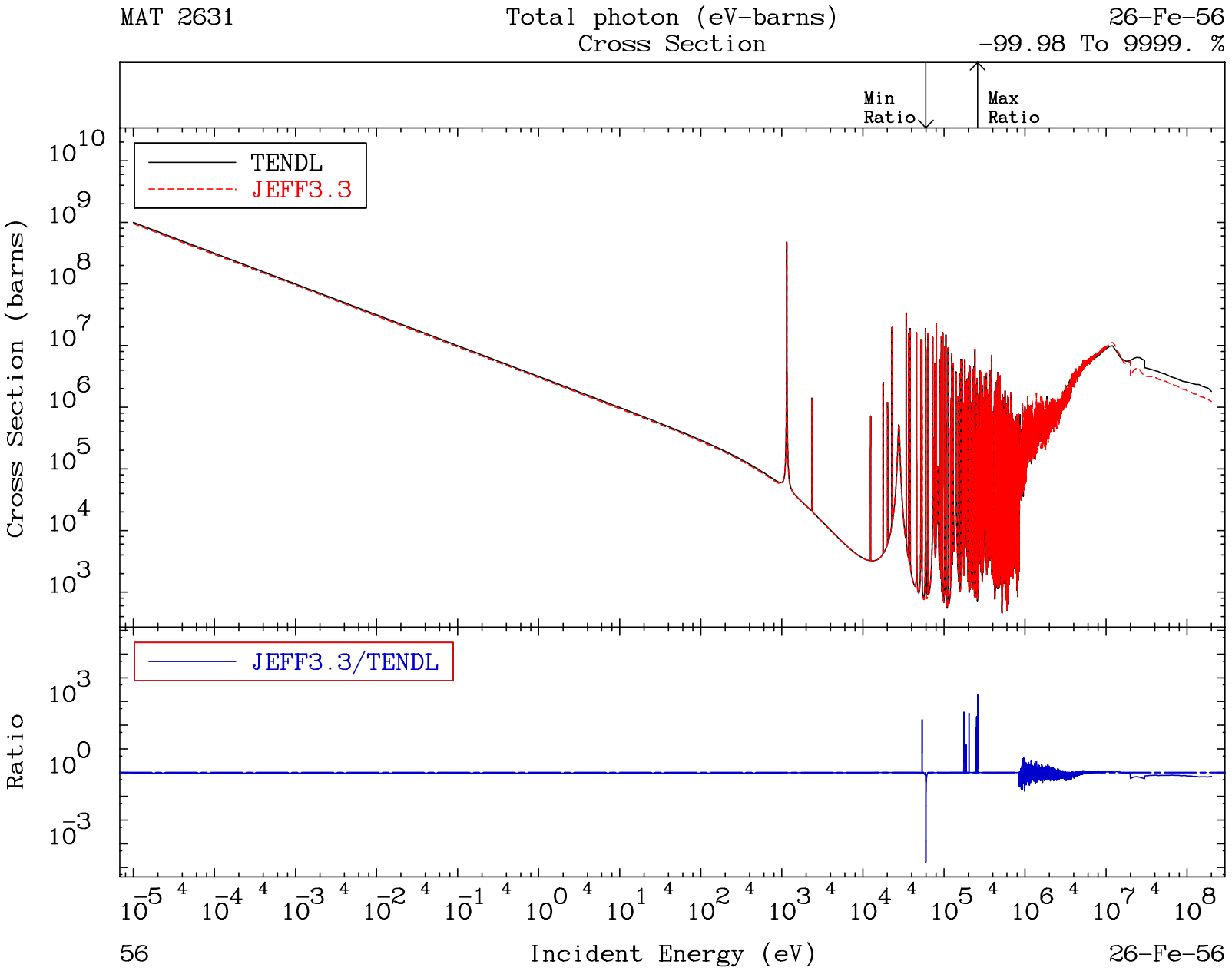

MAT 2631
Kerma elastic
Cross Section
26-Fe-56
-94.42 To 3354. %
Min Ratio
Max Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
51
26-Fe-56

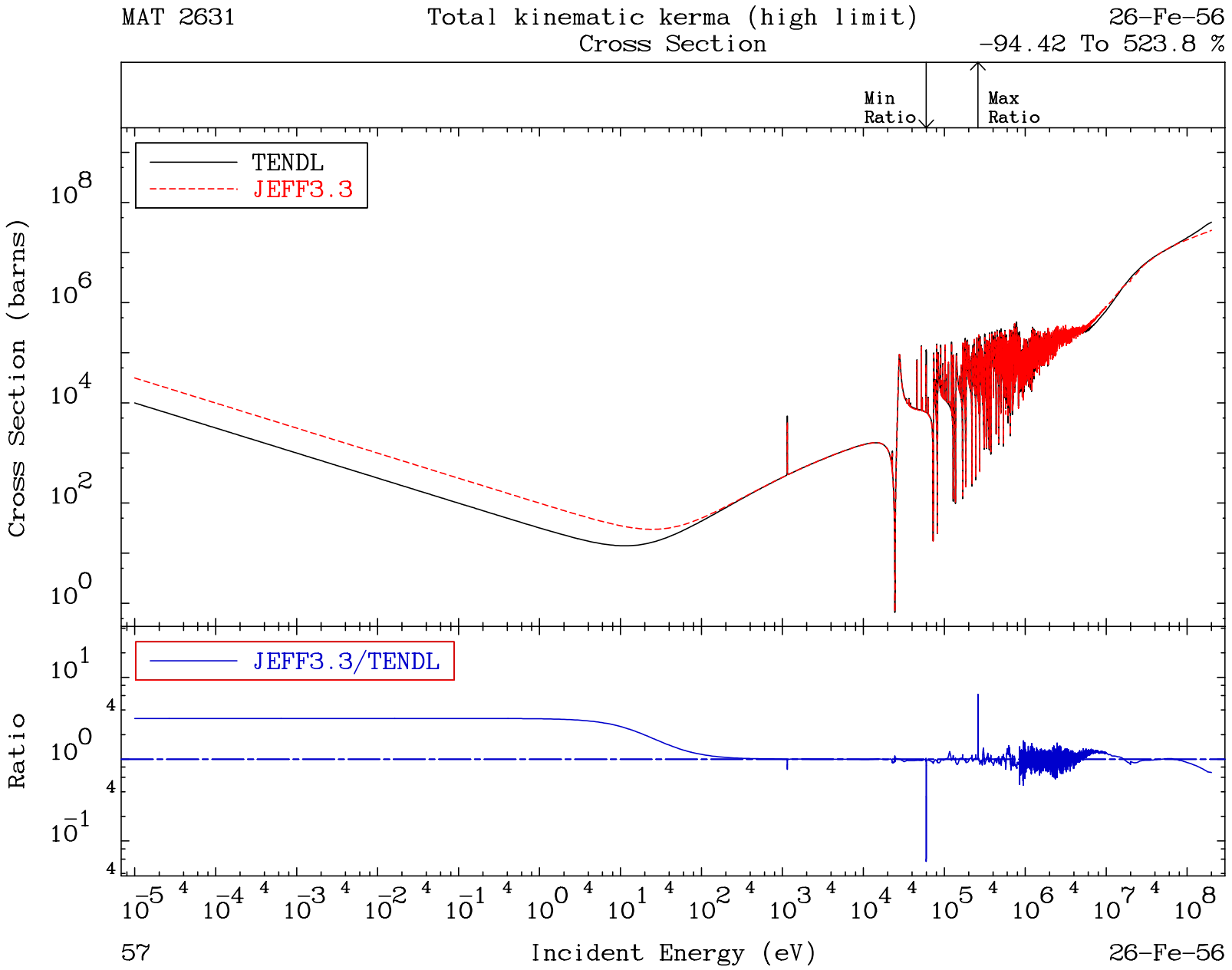

MAT 2631
Kerma non-elastic (all but mt2)
Cross Section
26-Fe-56
-99.99 To 9999. %
Min Ratio
Max Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
52
26-Fe-56

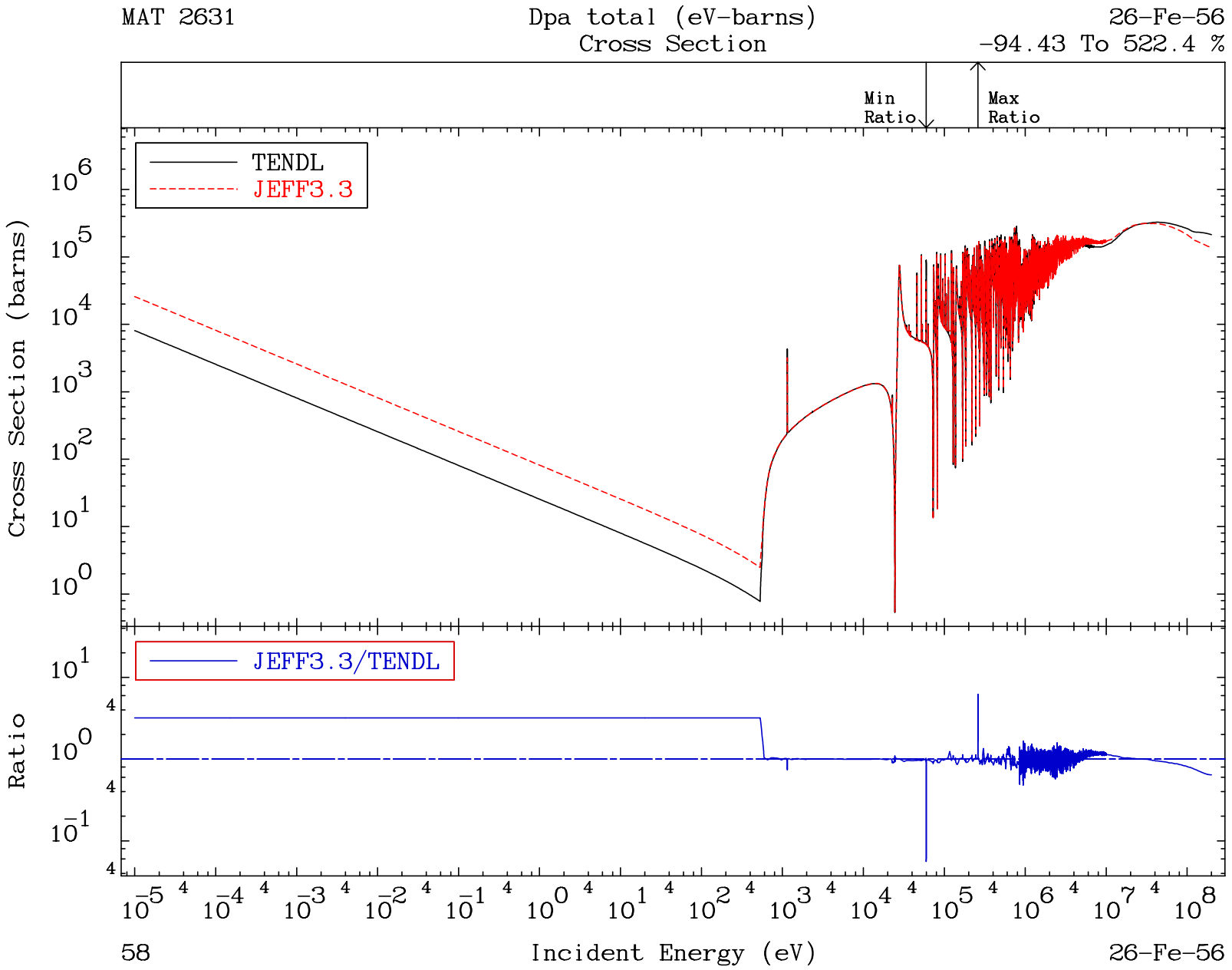

MAT 2631
Kerma inelastic (mt51-91)
Cross Section
26-Fe-56
-100.0 To 397.5 %
Max Ratio
Min Ratio
TENDL Threshold 862.05 keV
JEFF3.3 Threshold 862.27 keV
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
53
26-Fe-56

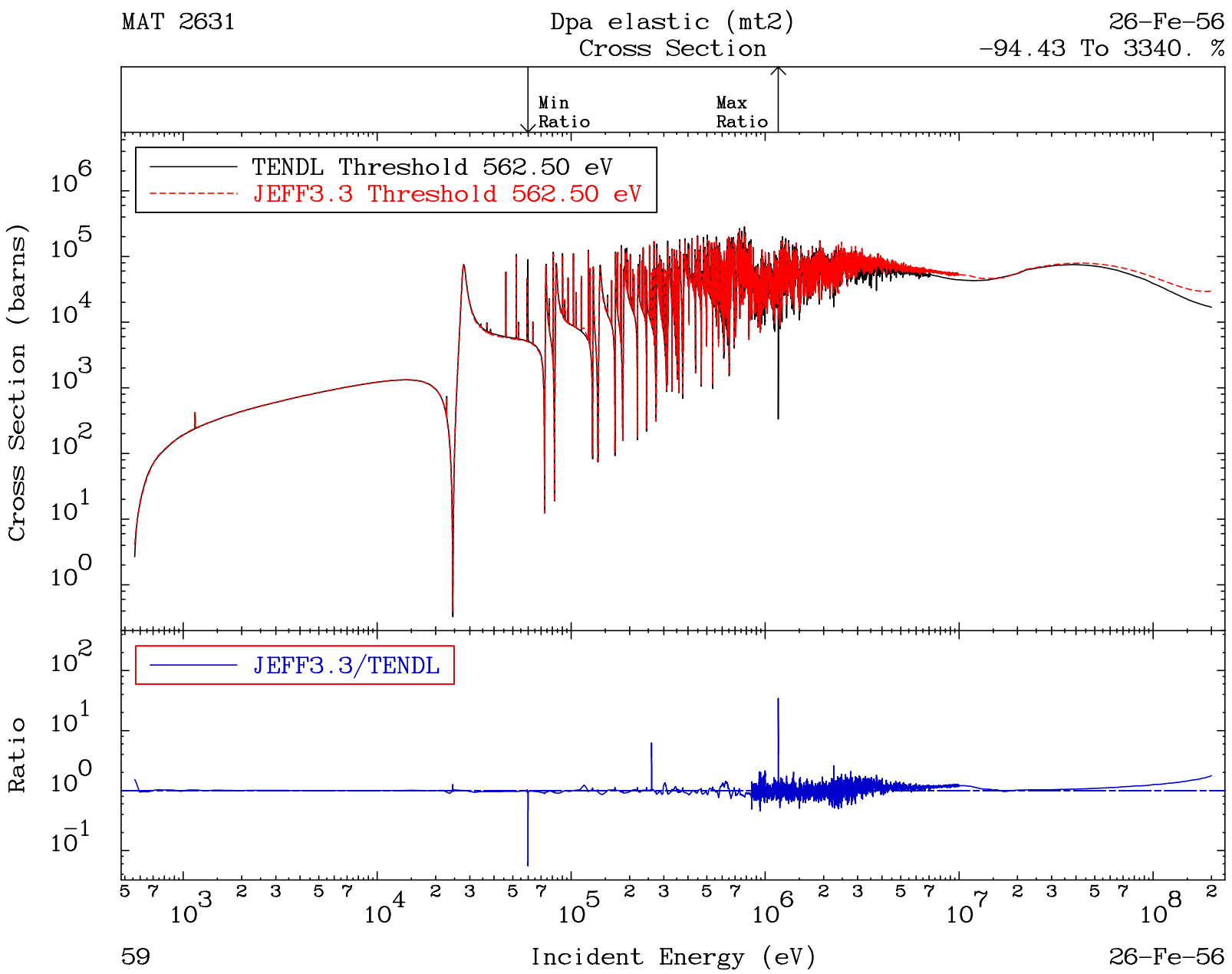

MAT 2631
Kerma fission (mt18 or mt19-20-21-38)
Cross Section
26-Fe-56
-100.0 To 397.5 %
Max Ratio
Min Ratio
TENDL
JEFF3.3
Cross Section (barns)
1.0
0.5
0.0
-0.5
-1.0
JEFF3.3/TENDL
Ratio
6
4
2
0
10^{-5} 10^{-4} 10^{-3} 10^{-2} 10^{-1} 10^{0} 10^{1} 10^{2} 10^{3} 10^{4} 10^{5} 10^{6} 10^{7} 10^{8}
54
Incident Energy (eV)
26-Fe-56

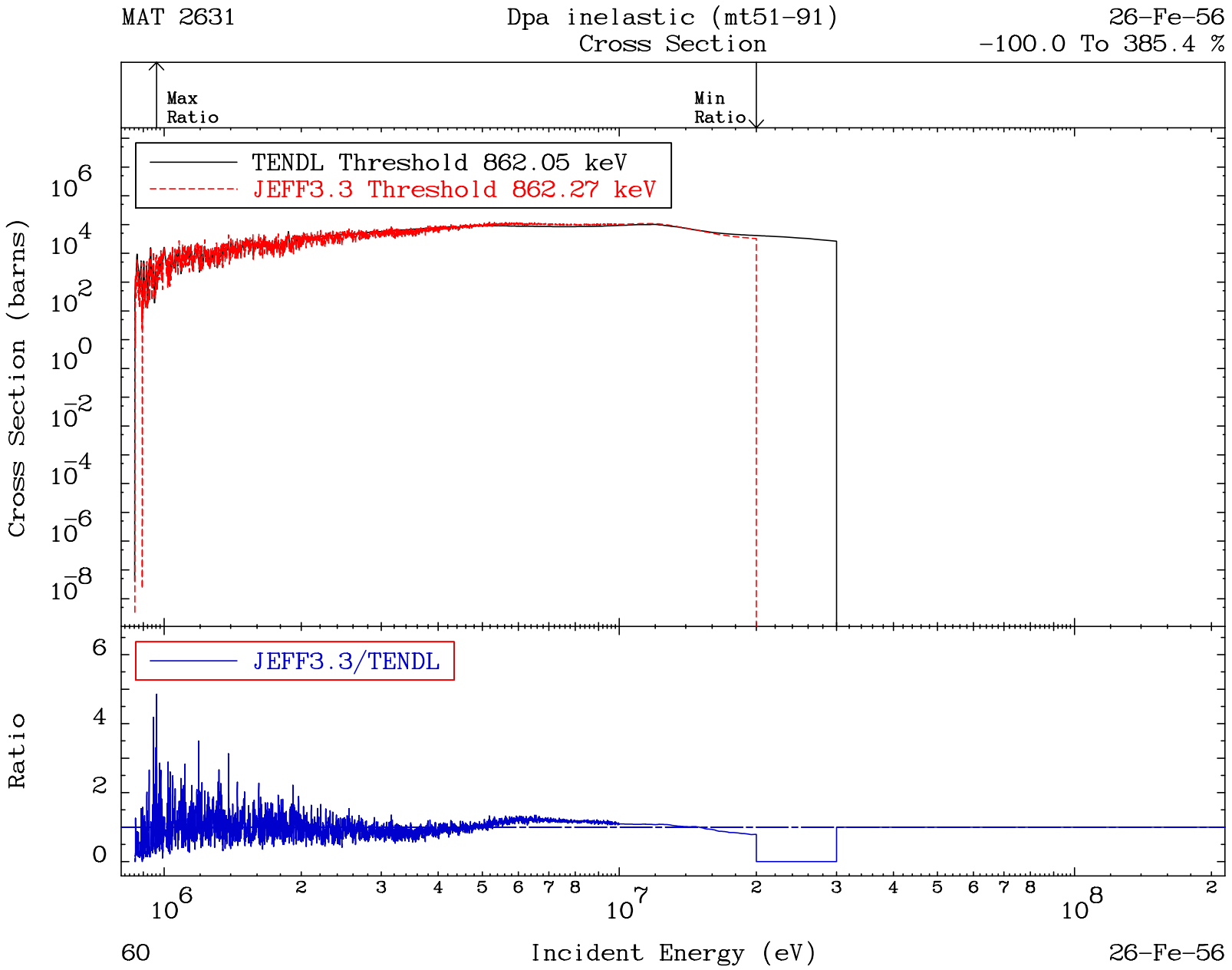

MAT 2631
Kerma capture (mt102)
Cross Section
26-Fe-56
-100.0 To 9999. %
Max Ratio
Min Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
55
26-Fe-56

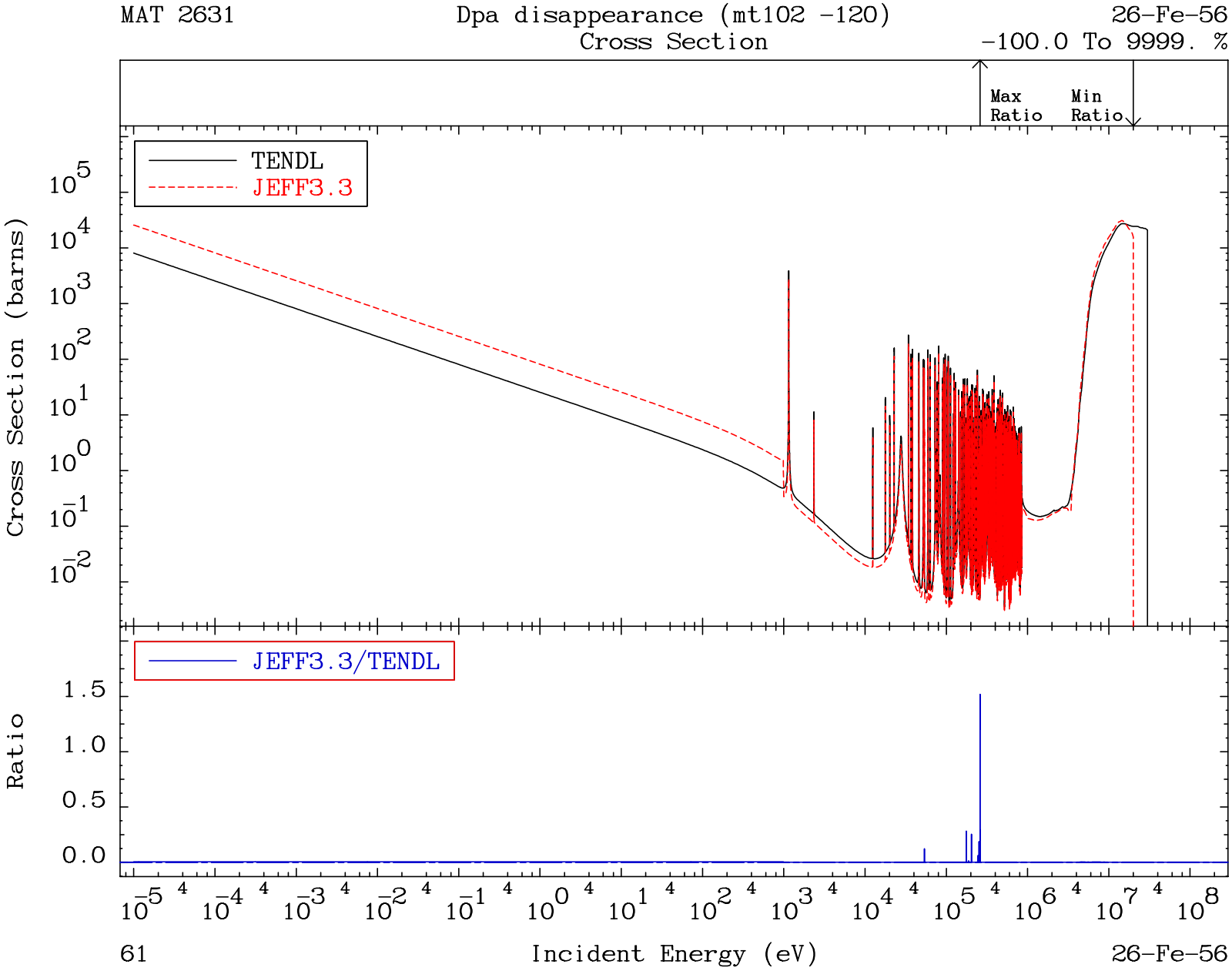

MAT 2631
Total photon (eV-barns)
Cross Section
26-Fe-56
-99.98 To 9999. %
Min Ratio
Max Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
56
26-Fe-56


MAT 2631
Total kinematic kerma (high limit)
Cross Section
26-Fe-56
-94.42 To 523.8 %
Min Ratio
Max Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
57
26-Fe-56


MAT 2631
Dpa total (eV-barns)
Cross Section
26-Fe-56
-94.43 To 522.4 %
Min Ratio
Max Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
58
26-Fe-56


MAT 2631
Dpa elastic (mt2)
Cross Section
26-Fe-56
-94.43 To 3340. %
Min Ratio
Max Ratio
TENDL Threshold 562.50 eV
JEFF3.3 Threshold 562.50 eV
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
59
26-Fe-56


MAT 2631
Dpa inelastic (mt51-91)
Cross Section
26-Fe-56
-100.0 To 385.4 %
Max Ratio
Min Ratio
TENDL Threshold 862.05 keV
JEFF3.3 Threshold 862.27 keV
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
60
26-Fe-56


MAT 2631
Dpa disappearance (mt102 -120)
Cross Section
26-Fe-56
-100.0 To 9999. %
Max Ratio
Min Ratio
TENDL
JEFF3.3
Cross Section (barns)
JEFF3.3/TENDL
Ratio
Incident Energy (eV)
61
26-Fe-56