

Program Complot
(Version 2018-1)

by

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Press Mouse Button to Start

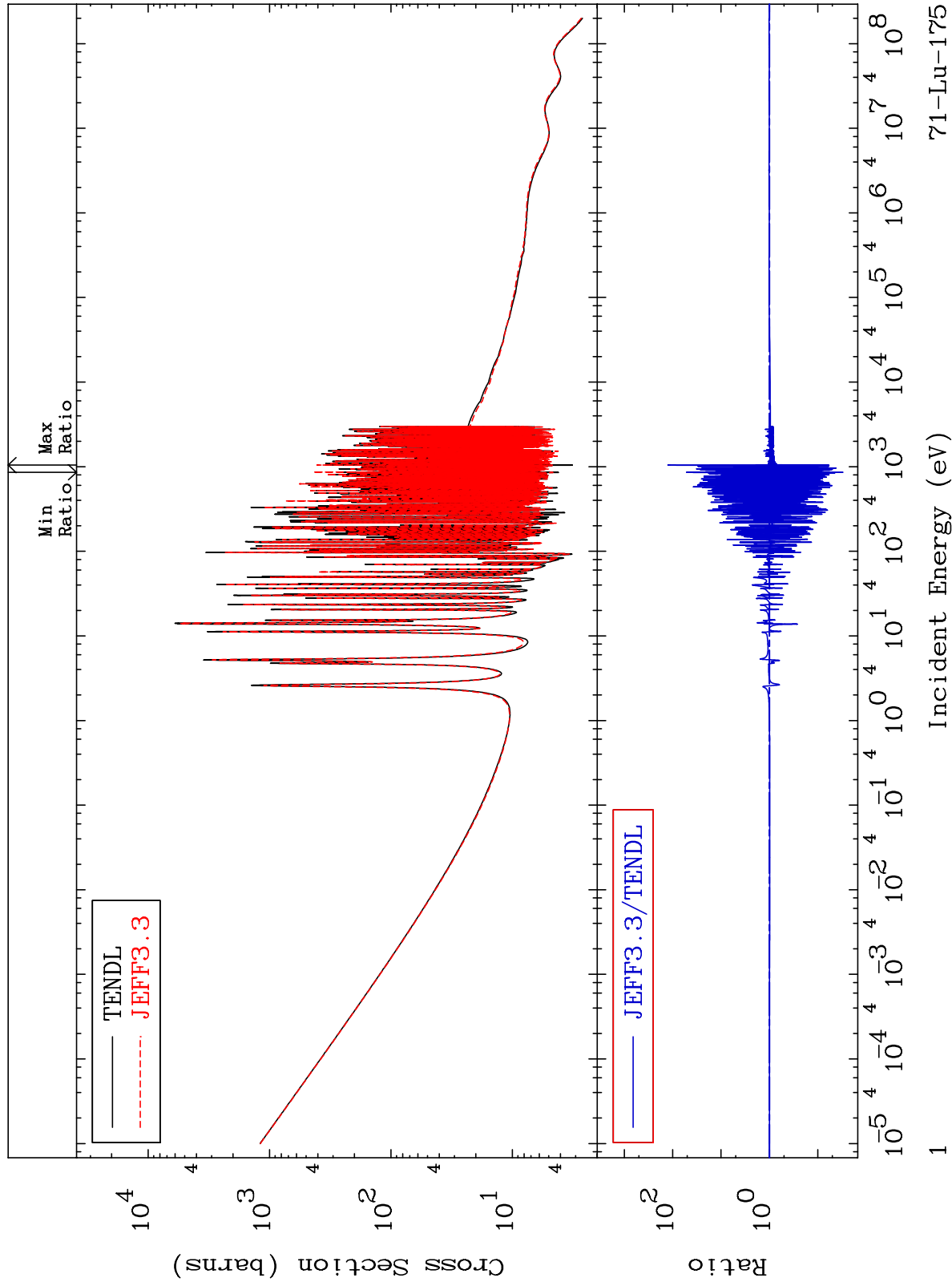
MAT 7125

Total

⁷¹-Lu-175

Cross Section

-96.95 To 9999. %



⁷¹-Lu-175

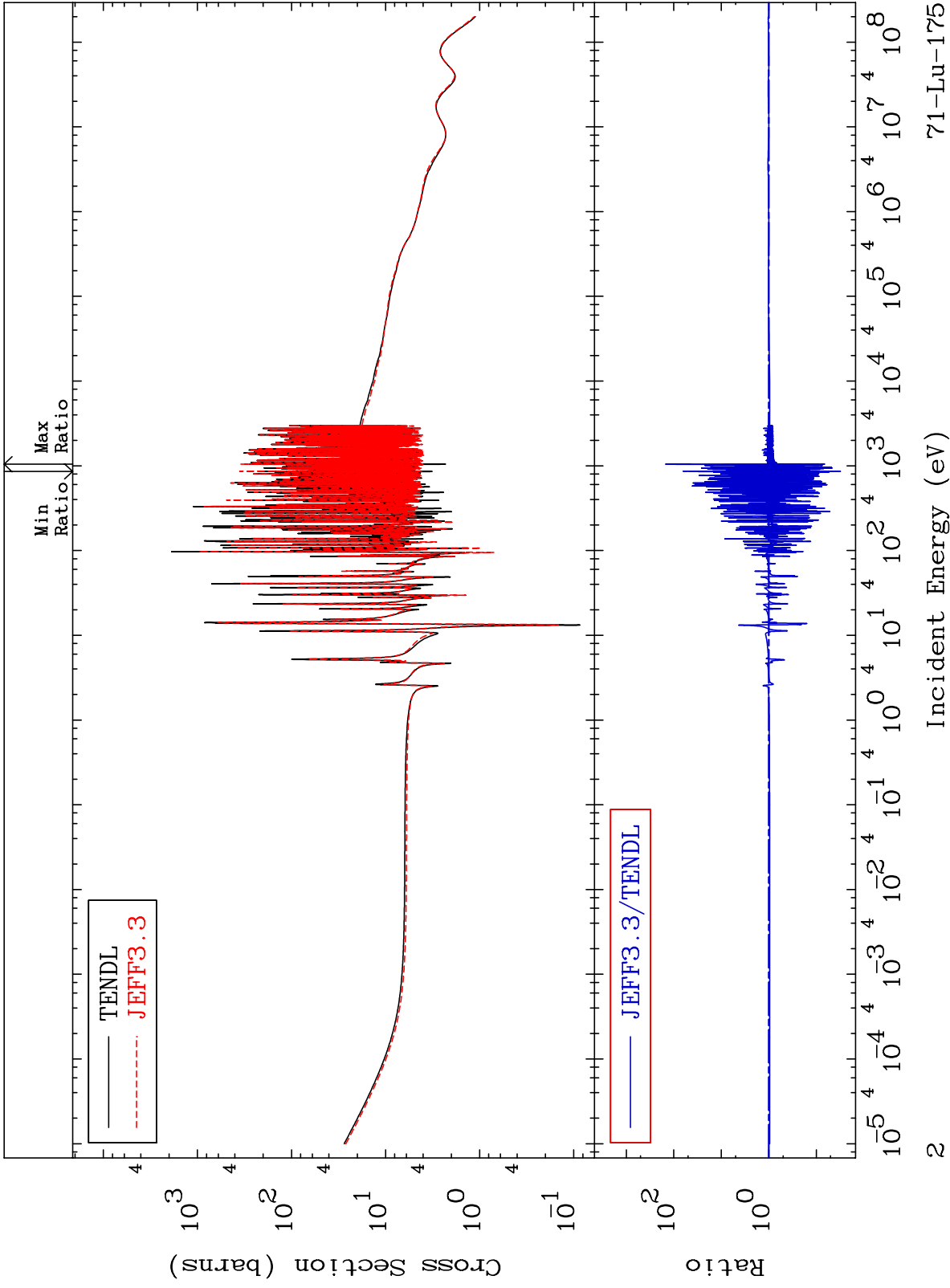
MAT 7125

Elastic

71-Lu-175

Cross Section

-96.93 To 9999. %

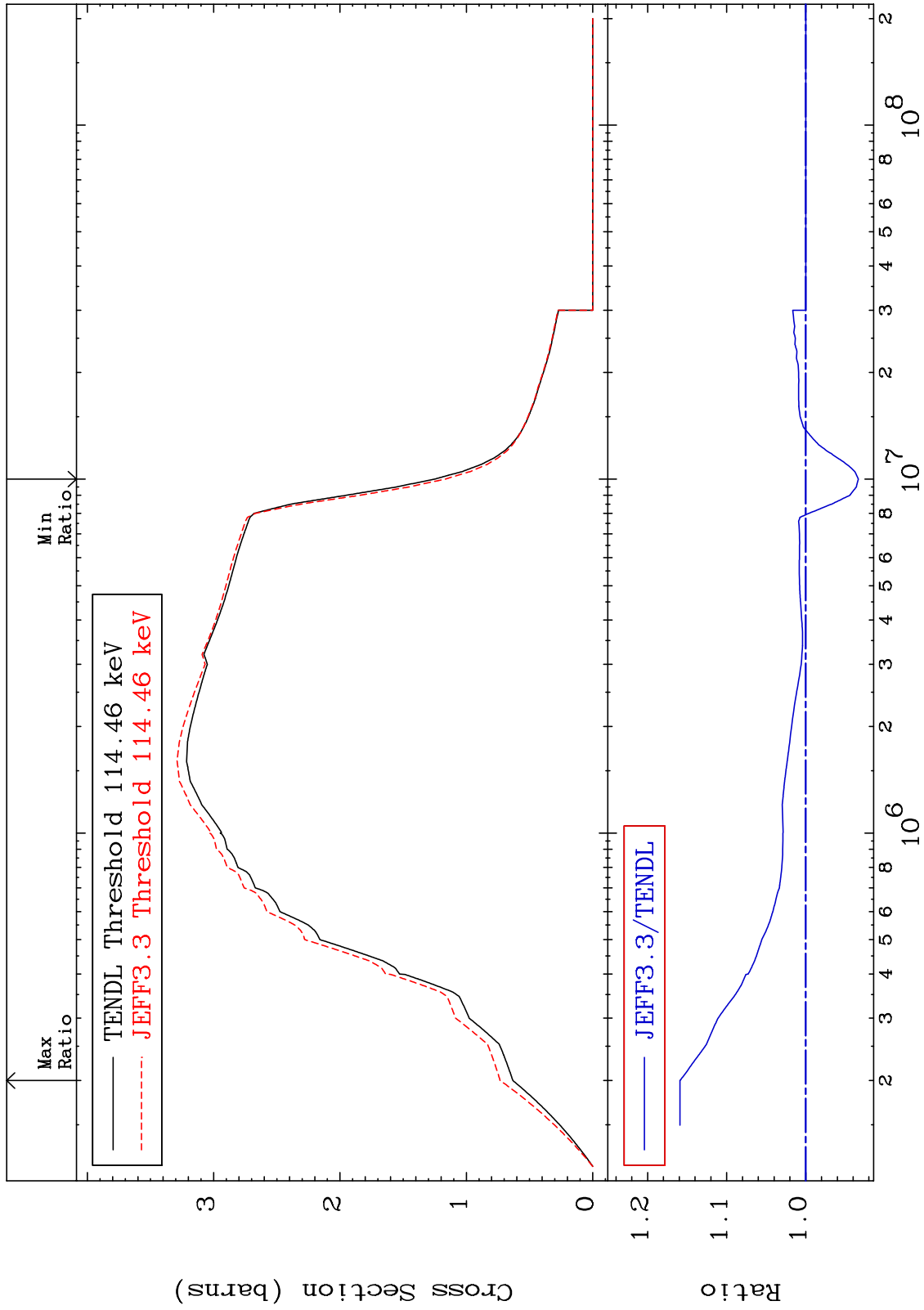


71-Lu-175

Incident Energy (eV)

2

MAT 7125 71-Lu-175
-6.669 To 15.90 %
Inelastic Cross Section

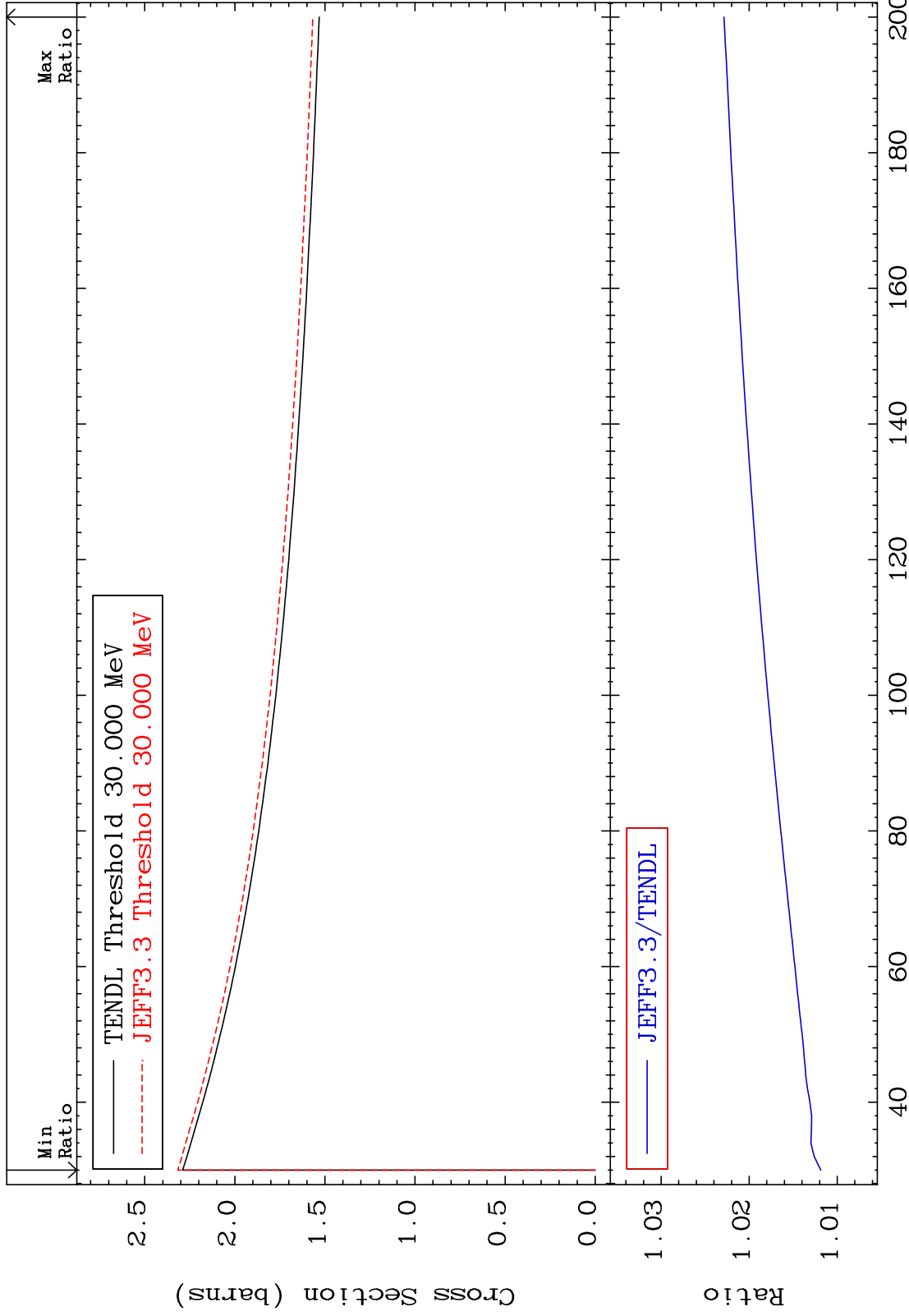


3 71-Lu-175
Incident Energy (eV)

MAT 7125

(n, remainder)
Cross Section

71-Lu-175
1.186 To 2.286 %



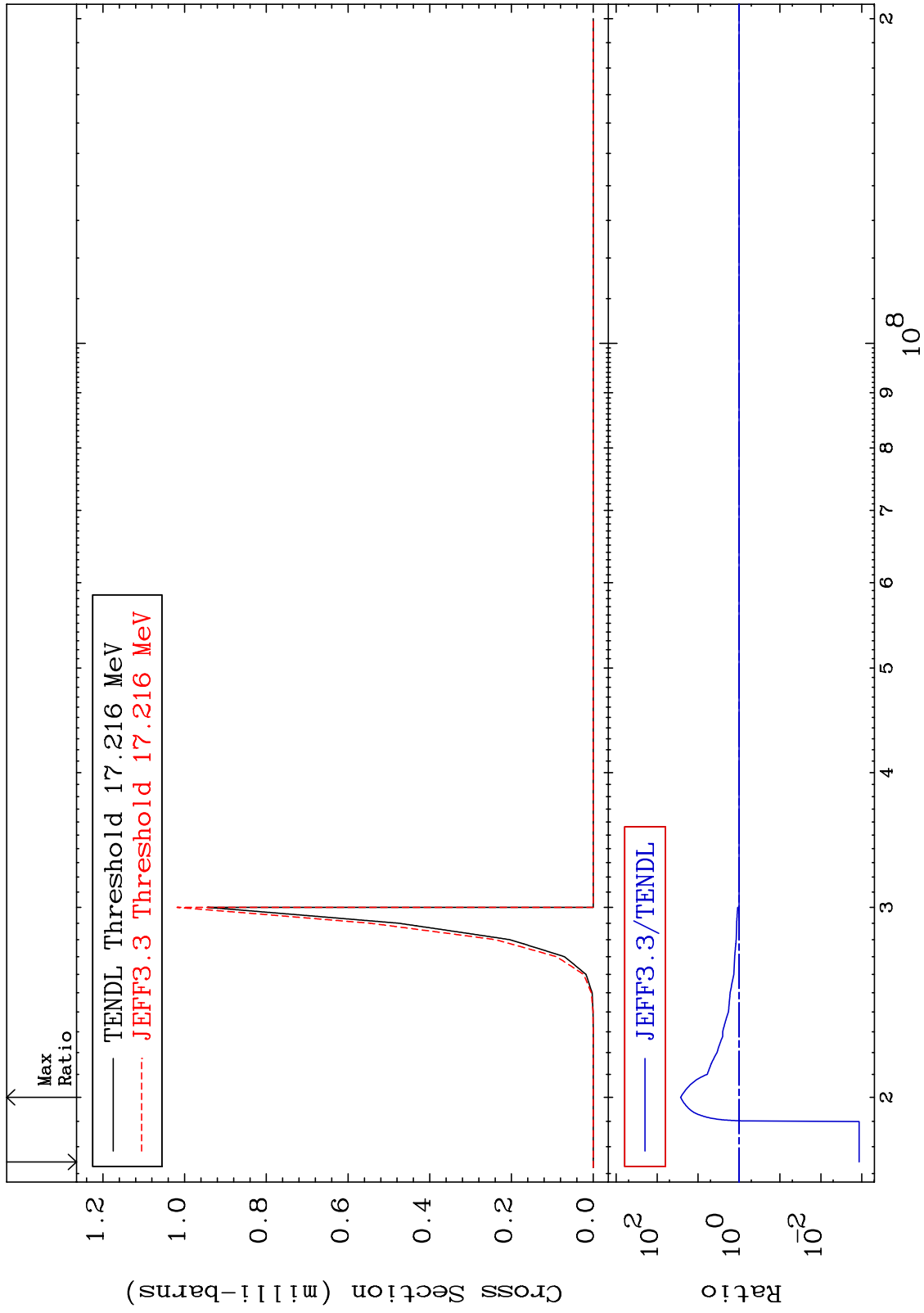
MAT 7125

(n,2n) d

71-Lu-175

Cross Section

-99.88 To 2574. %



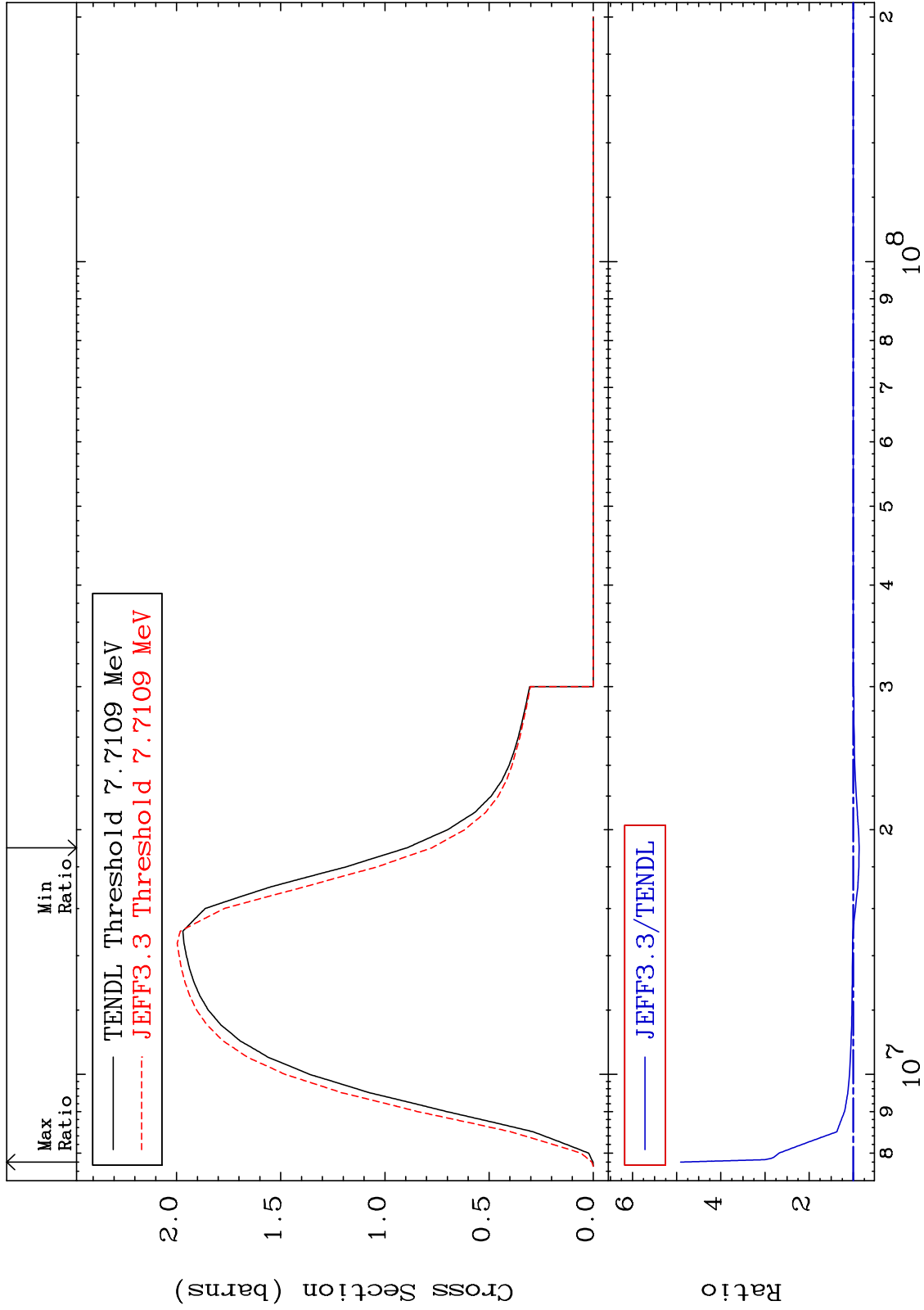
MAT 7125

(n,2n)

⁷¹Lu-175

Cross Section

-13.36 To 391.0 %



6

Incident Energy (eV)

⁷¹Lu-175

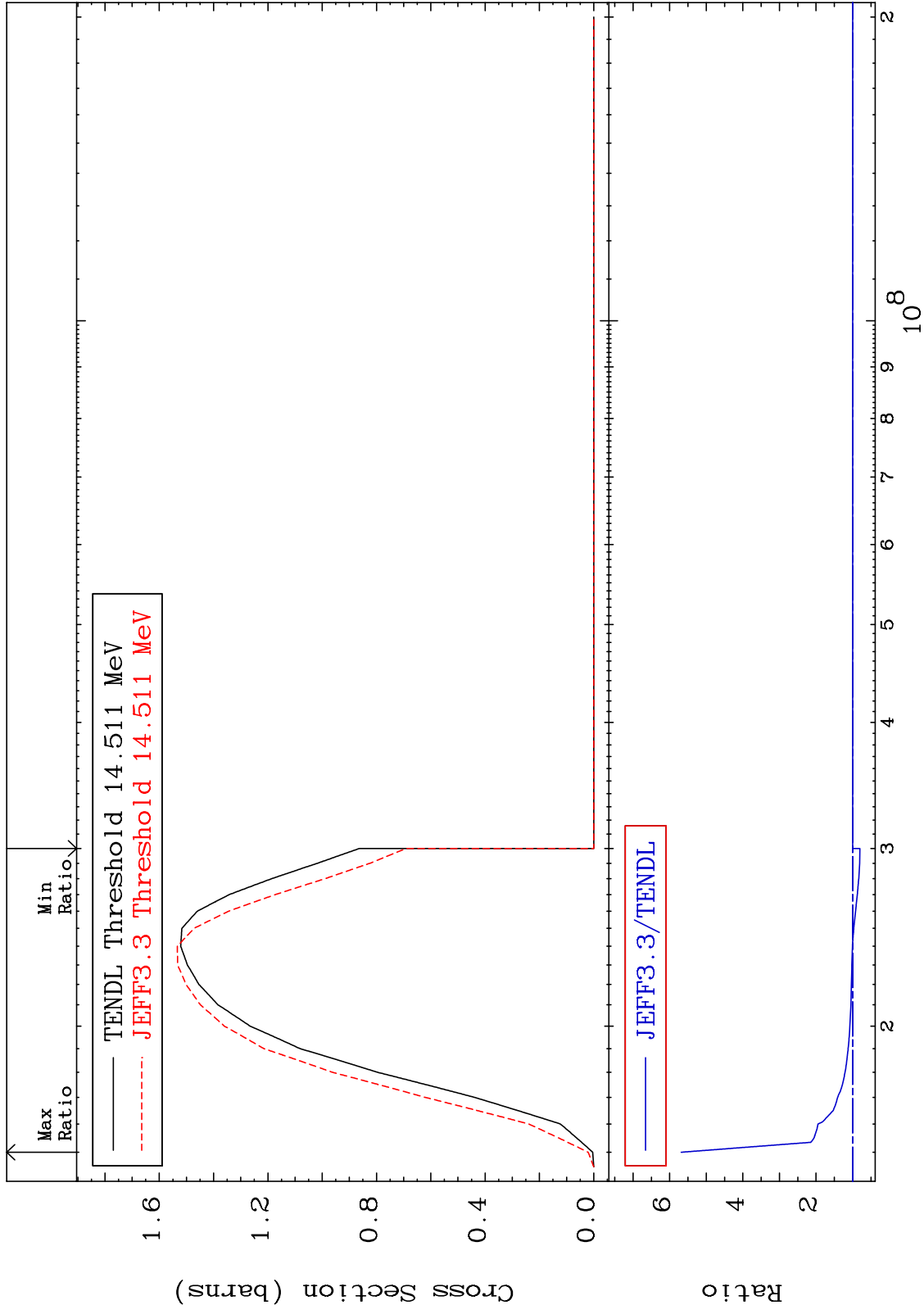
MAT 7125

(n, 3n)

⁷¹Lu-175

Cross Section

-19.85 To 468.4 %



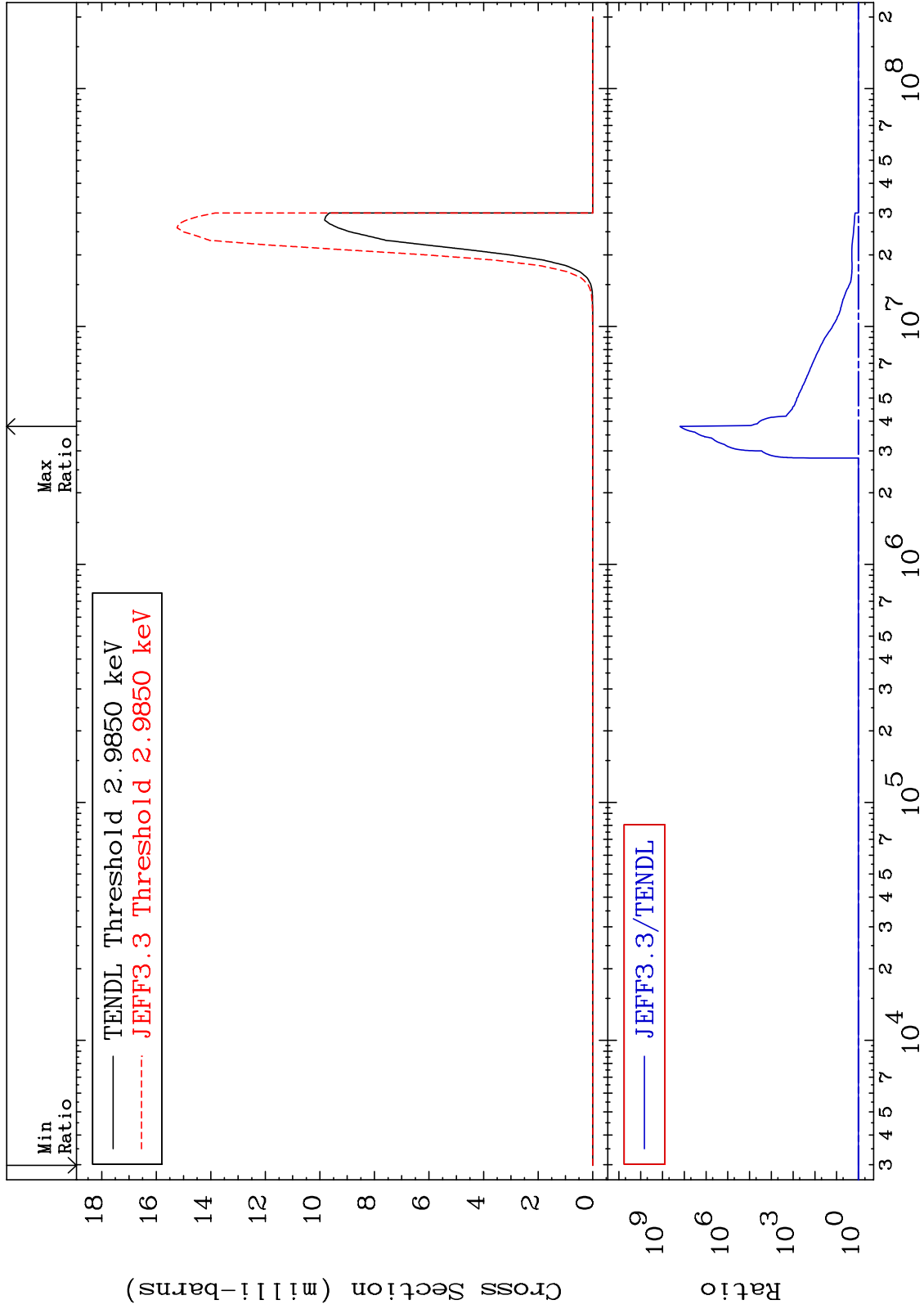
MAT 7125

(n,n') α

71-Lu-175

Cross Section

0.000 To 9999. %



MAT 7125

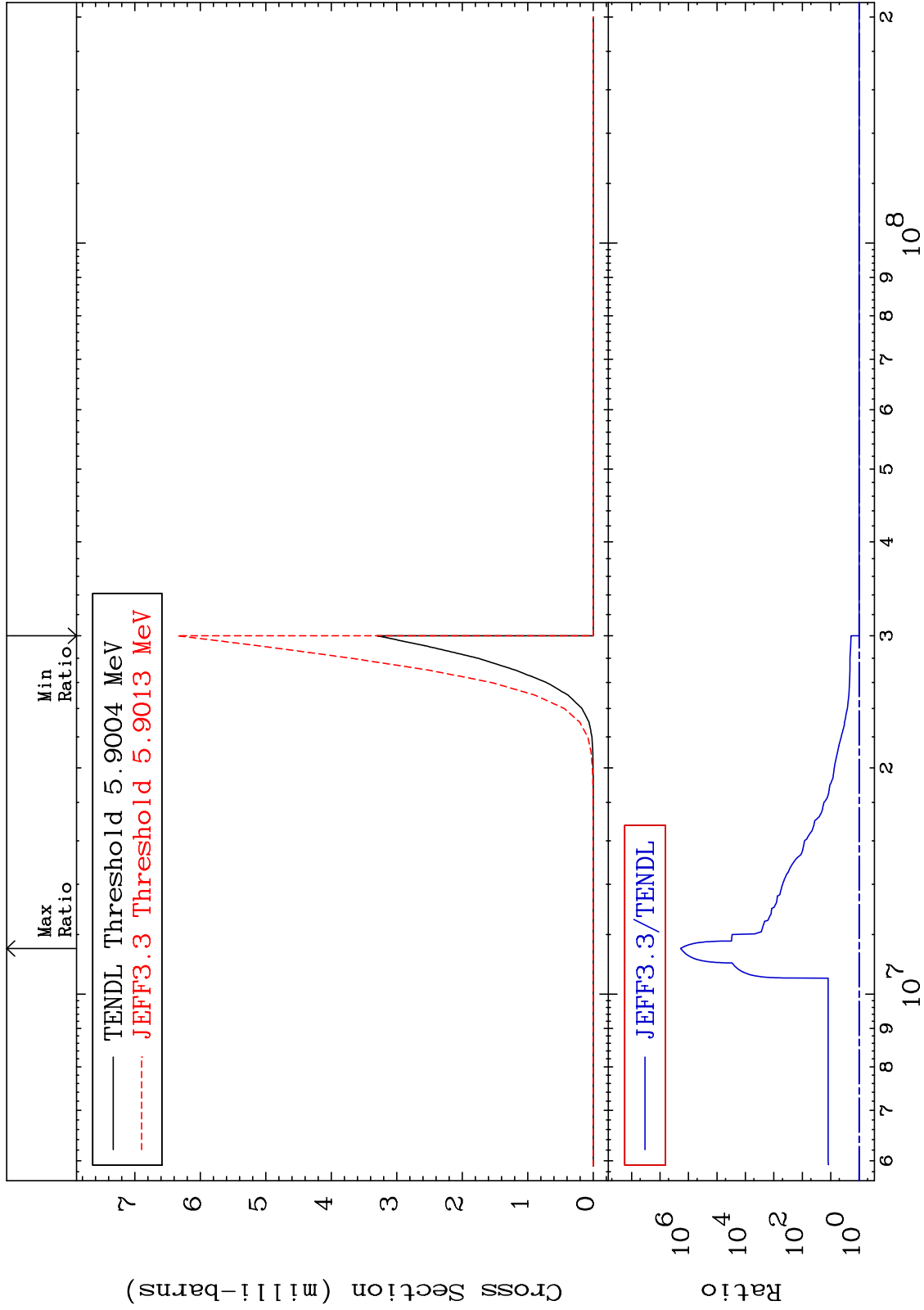
(n,2n) α

⁷¹Lu-175

Cross Section

0.000

To 9999. %



MAT 7125

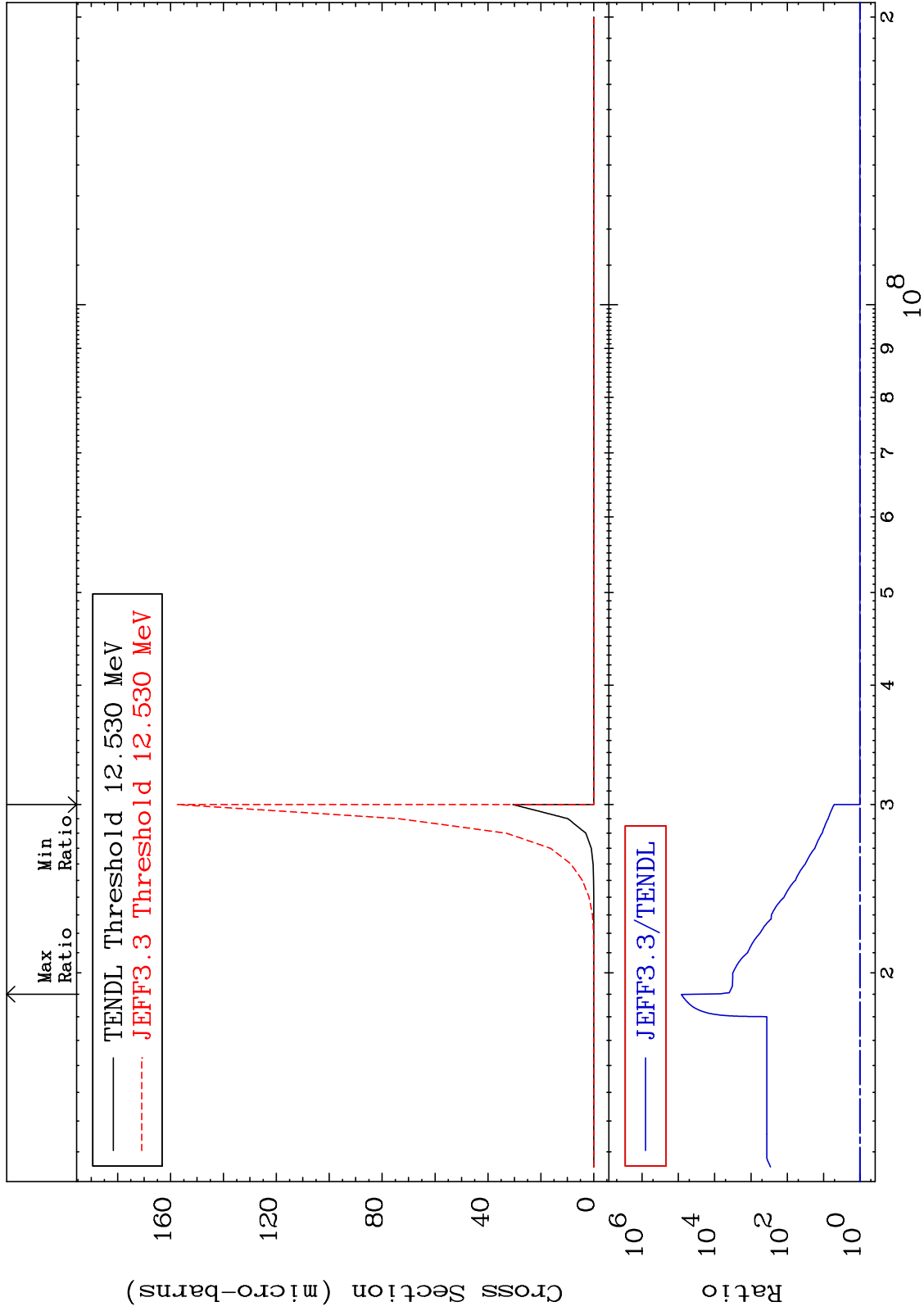
(n,3n) α

71-Lu-175

Cross Section

0.000

To 9999. %

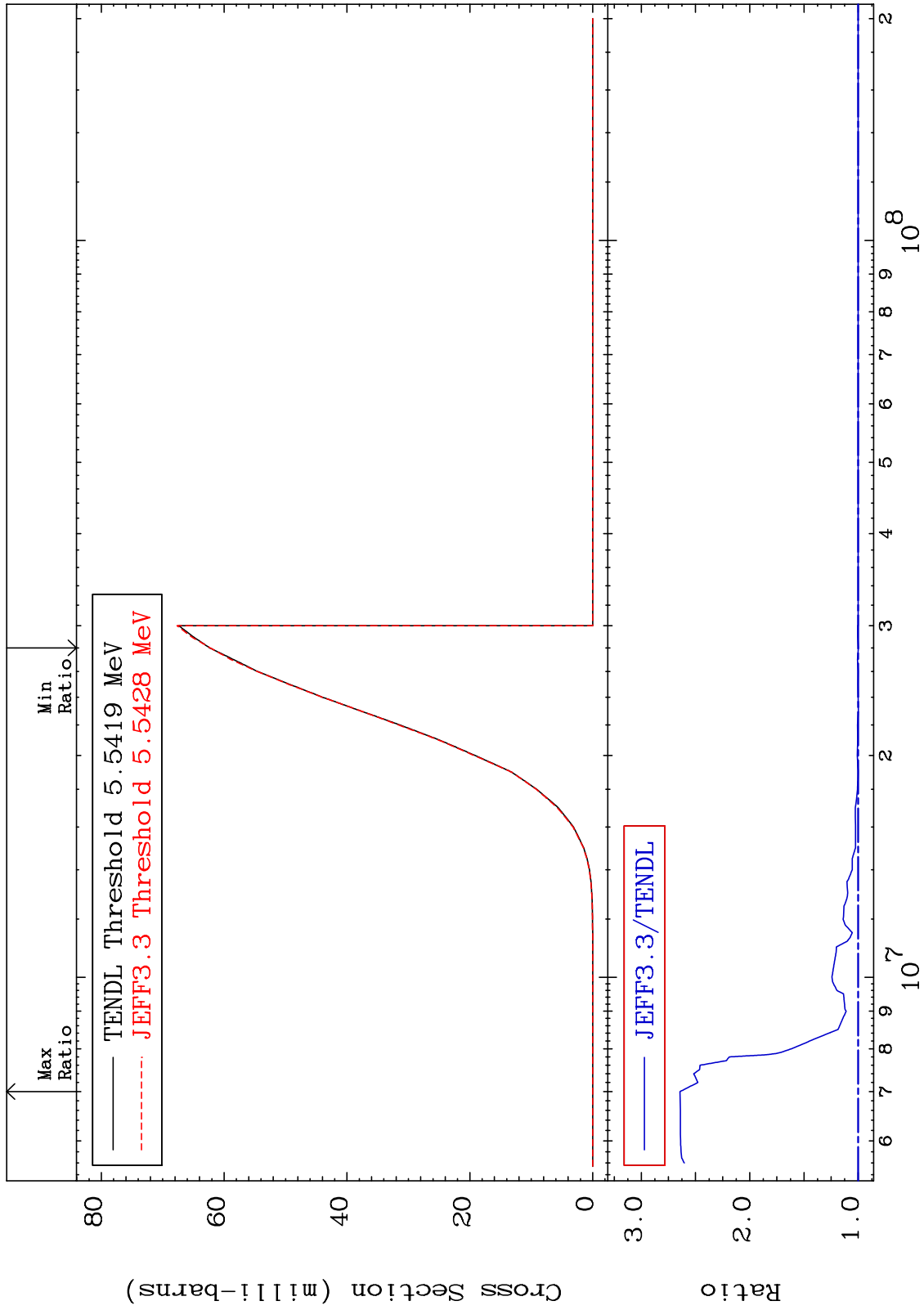


10

Incident Energy (eV)

71-Lu-175

MAT 7125 ^{71}Lu -175 (n, n') p Cross Section -0.168 To 164.3 %



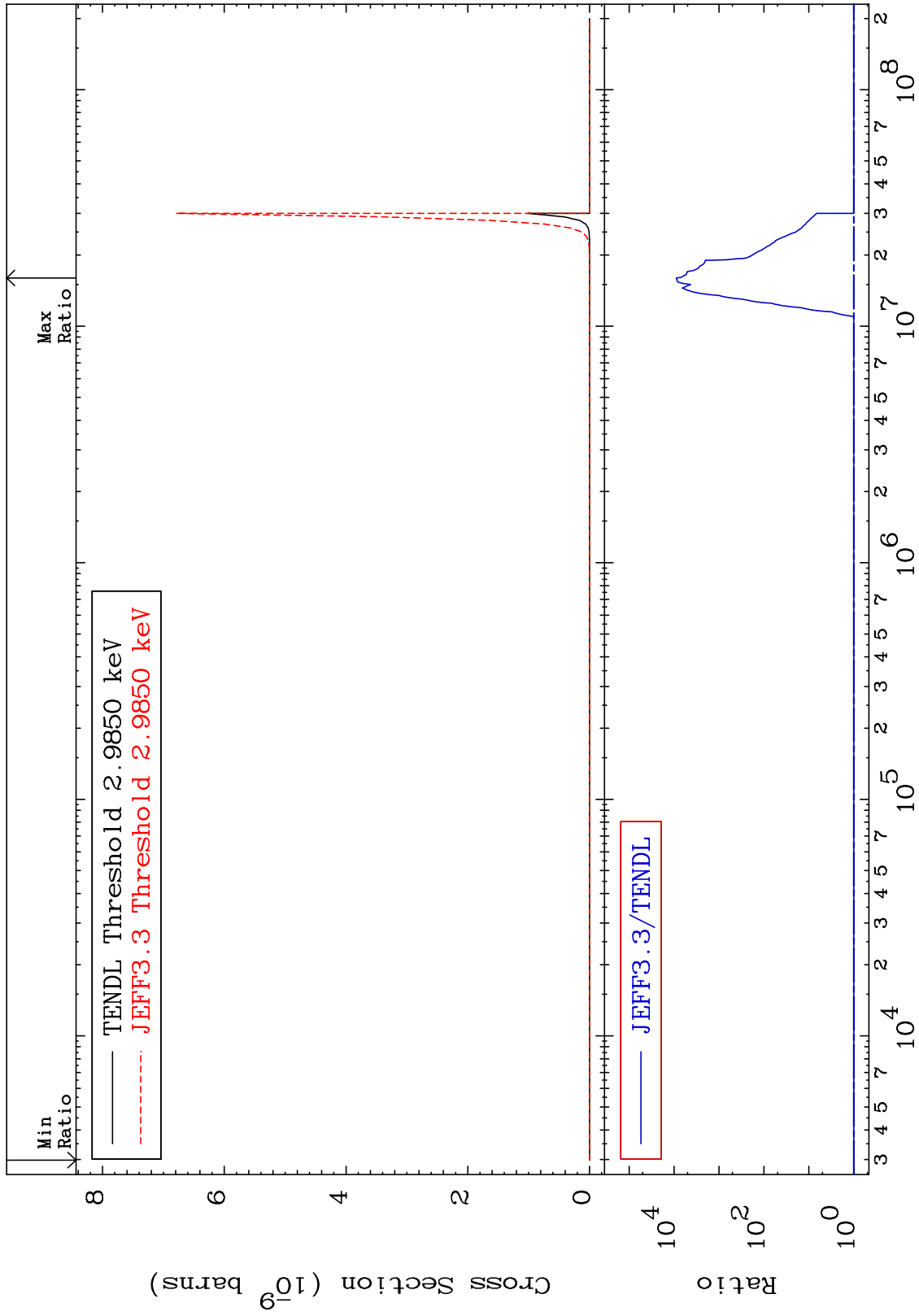
MAT 7125

(n, n') 2α

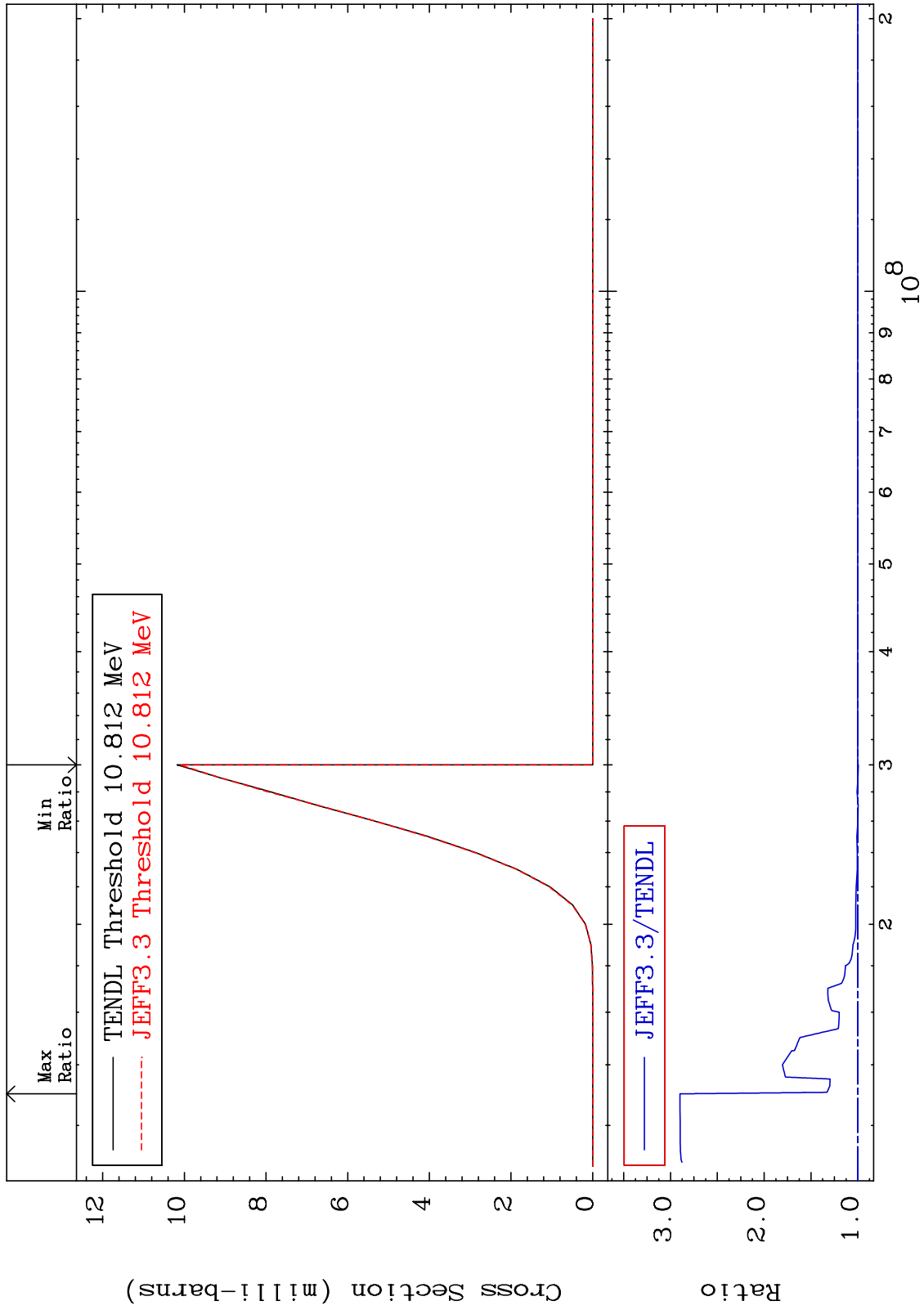
⁷¹Lu-175

Cross Section

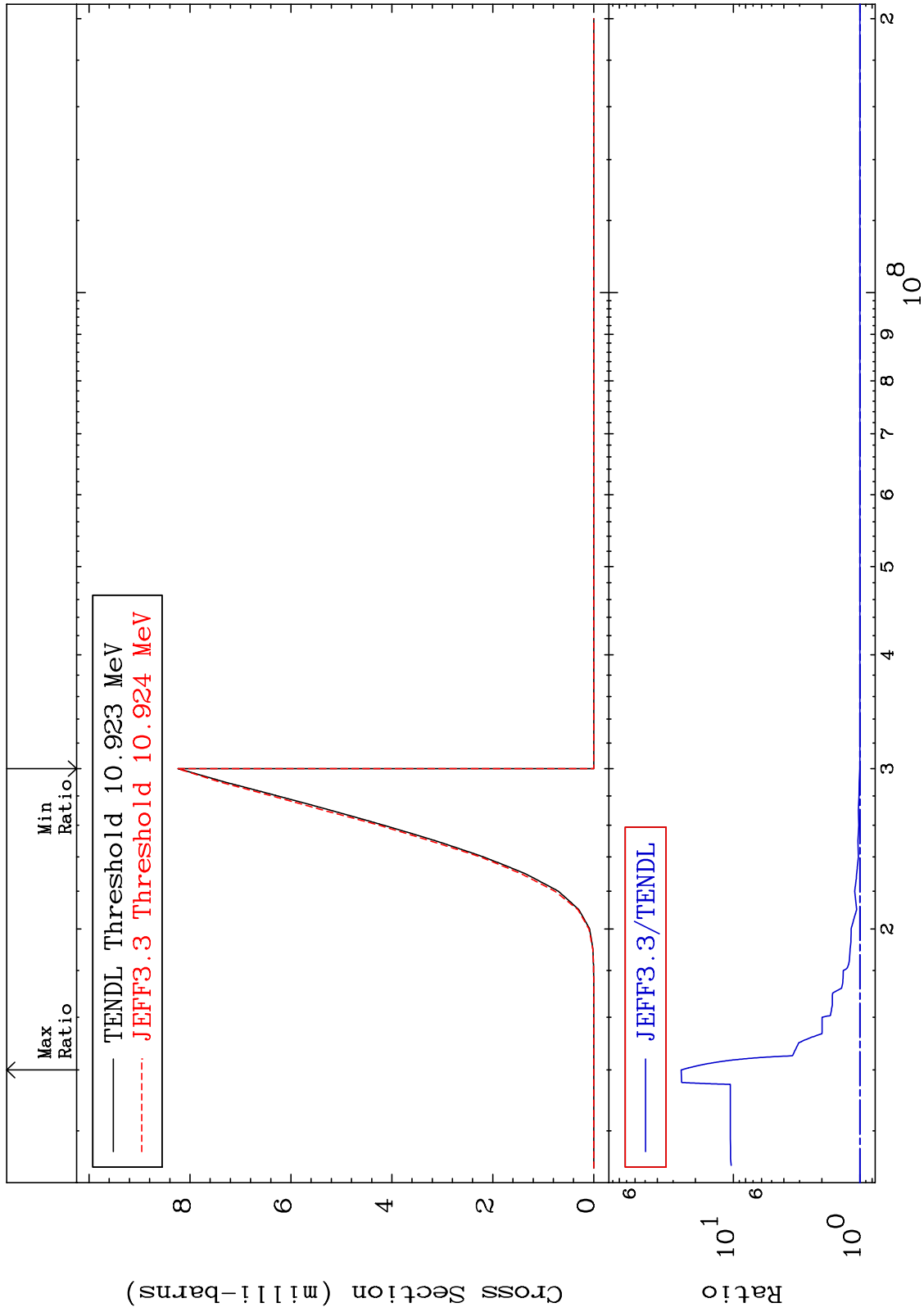
0.000 To 9999. %



MAT 7125 $(n, n') d$ $^{71}\text{Lu-175}$
 Cross Section -0.645 To 189.8 %



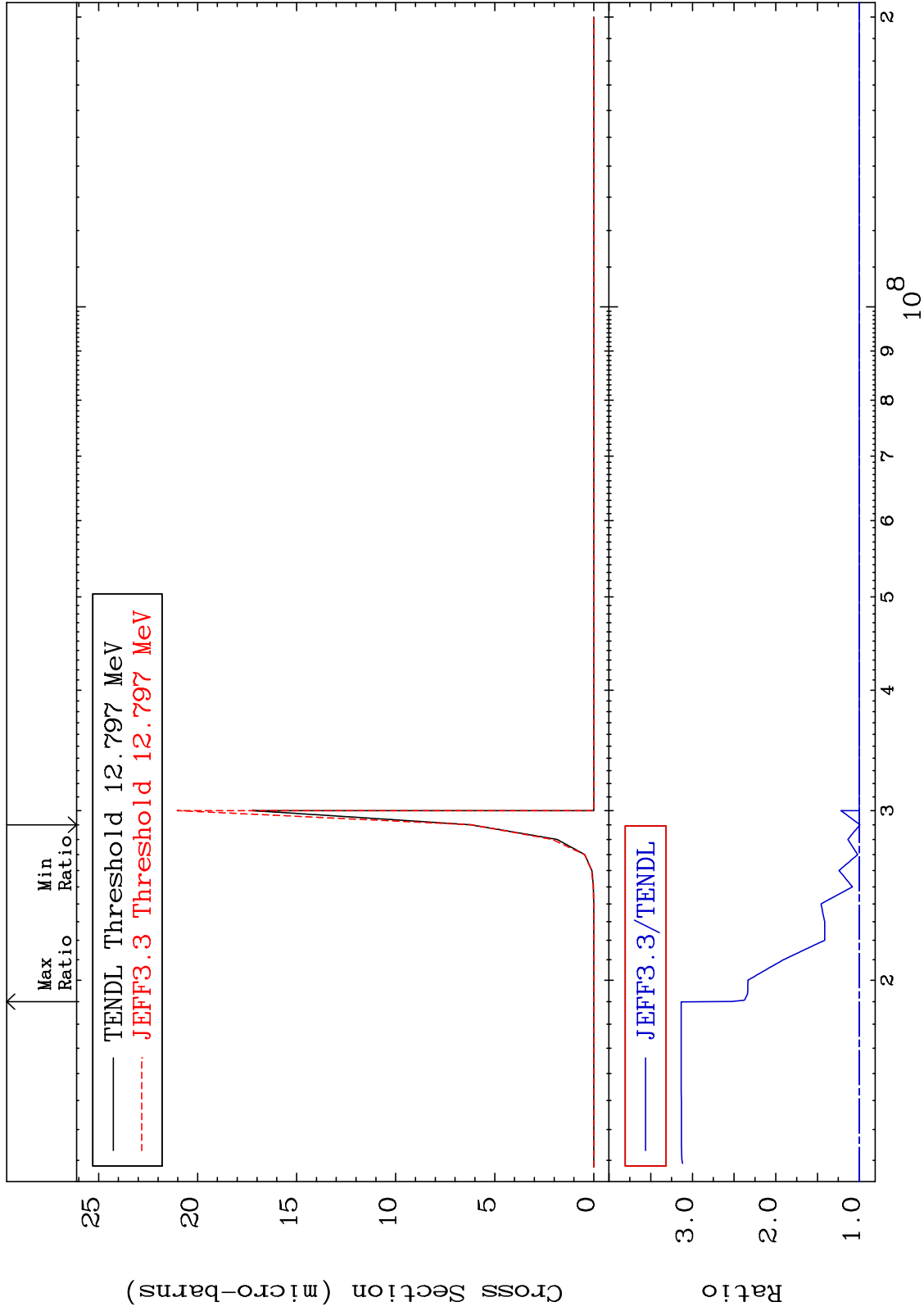
MAT 7125 $(n, n') t$ 71-Lu-175
 Cross Section 0.000 To 2488. %



MAT 7125

(n, n') He-3
Cross Section

71-Lu-175
-0.879 To 213.4 %



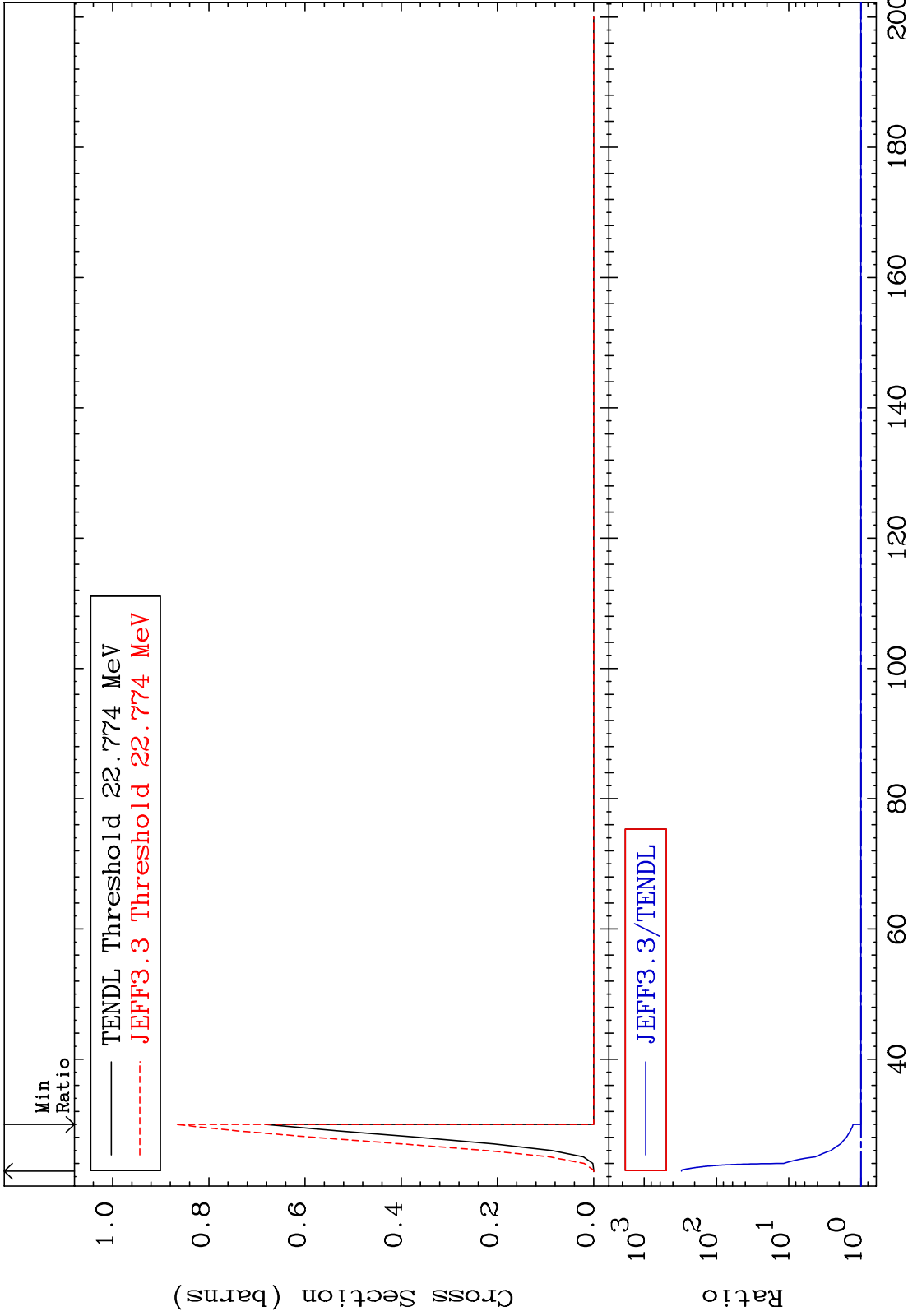
MAT 7125

(n, 4n)

⁷¹Lu-175

Cross Section

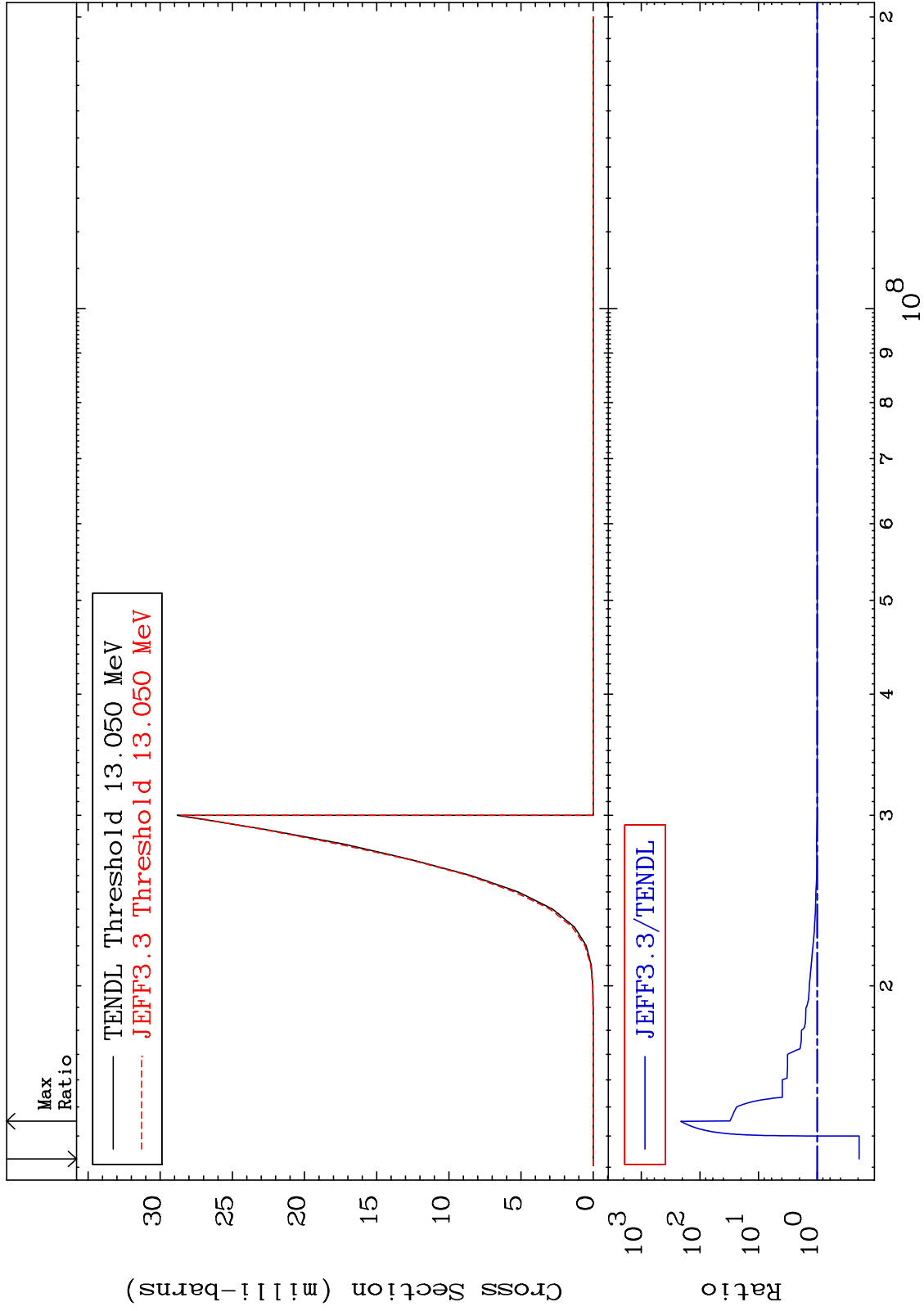
0.000 To 9999. %



MAT 7125

(n,2n) p
Cross Section

71-Lu-175
-80.79 To 9999. %



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Incident Energy (eV)

71-Lu-175

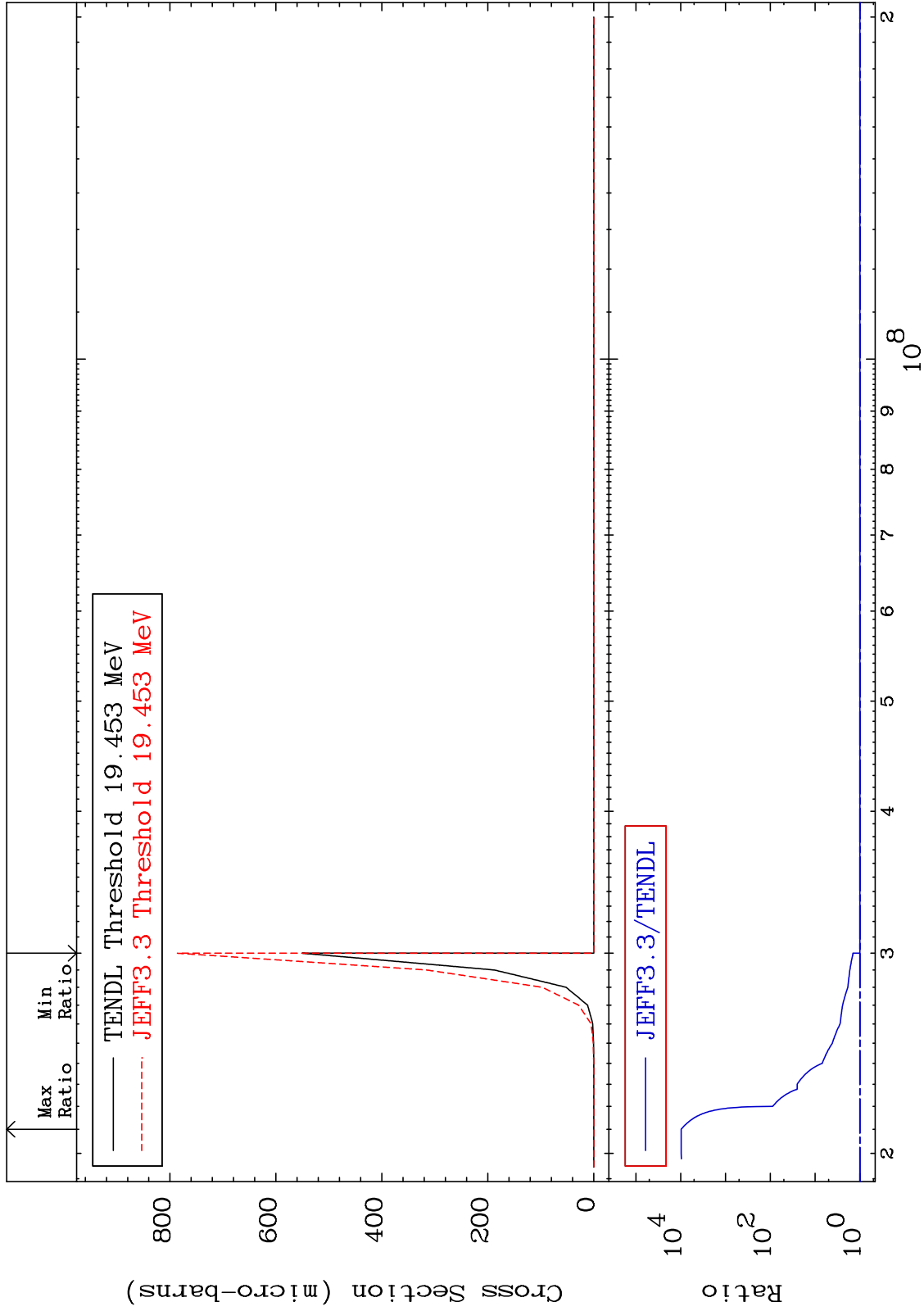
MAT 7125

(n,3n) p

71-Lu-175

Cross Section

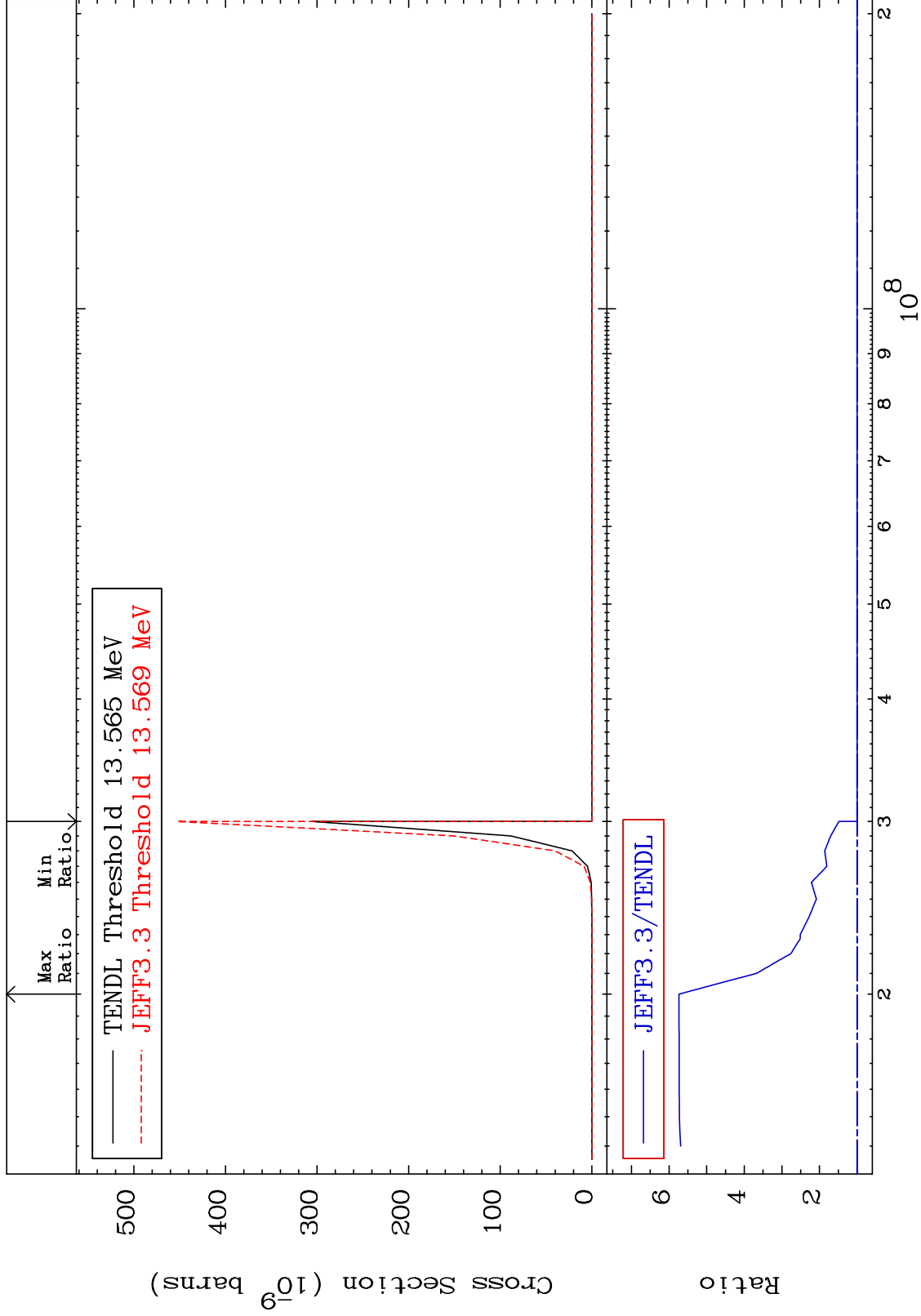
0.000 To 9999. %



MAT 7125

(n,2n) p
Cross Section

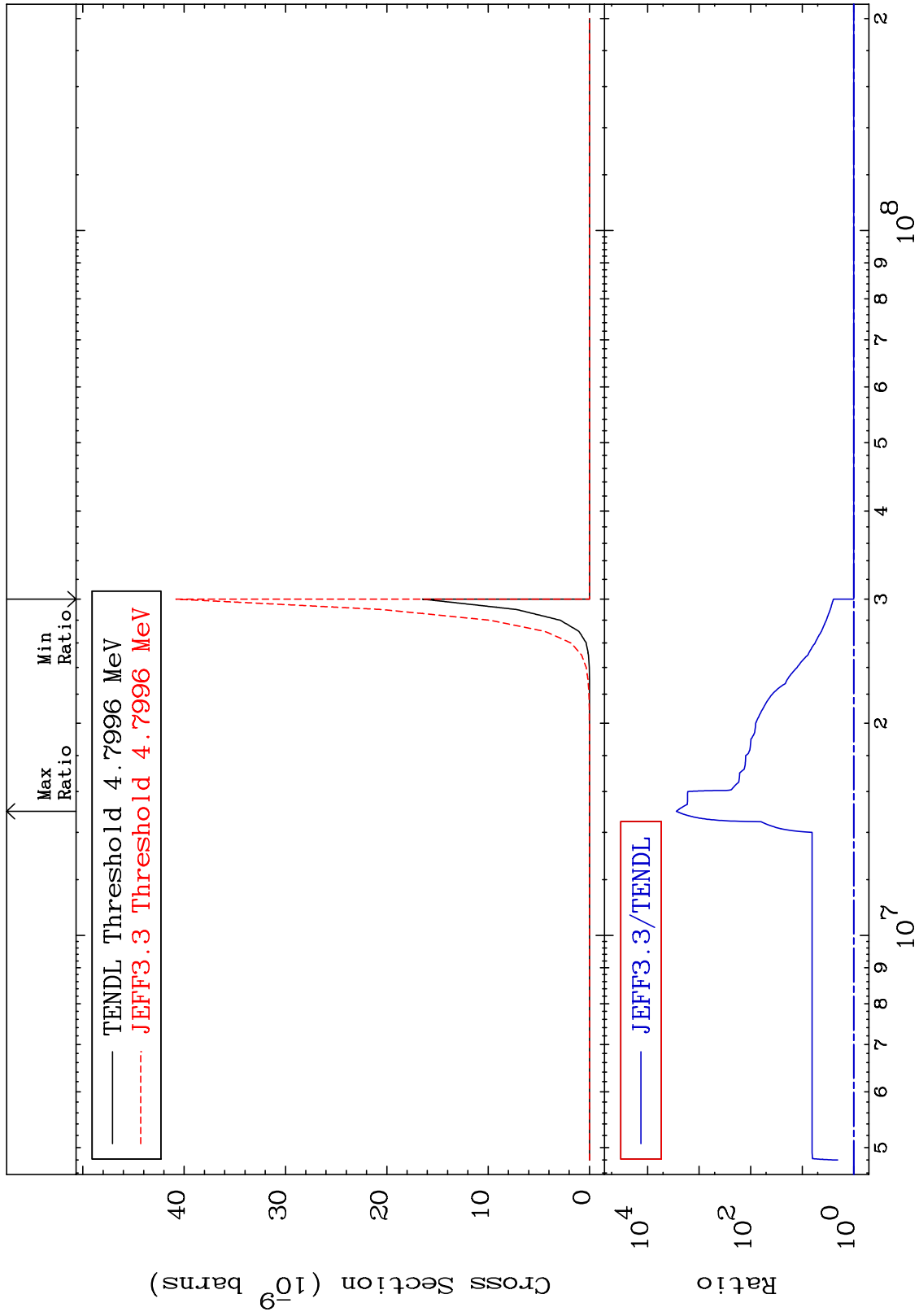
71-Lu-175
0.000 To 473.6 %



MAT 7125

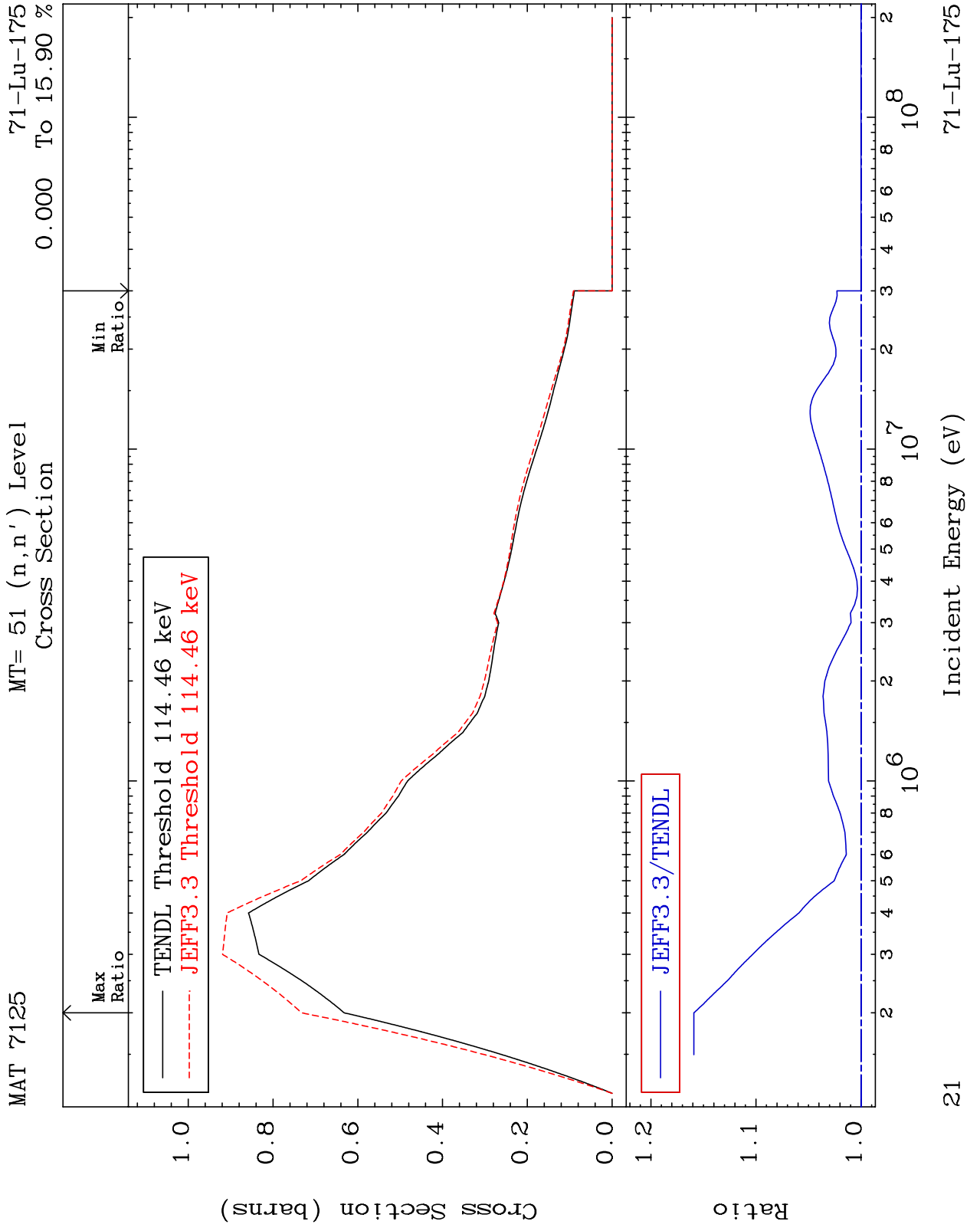
(n,n') p α
Cross Section

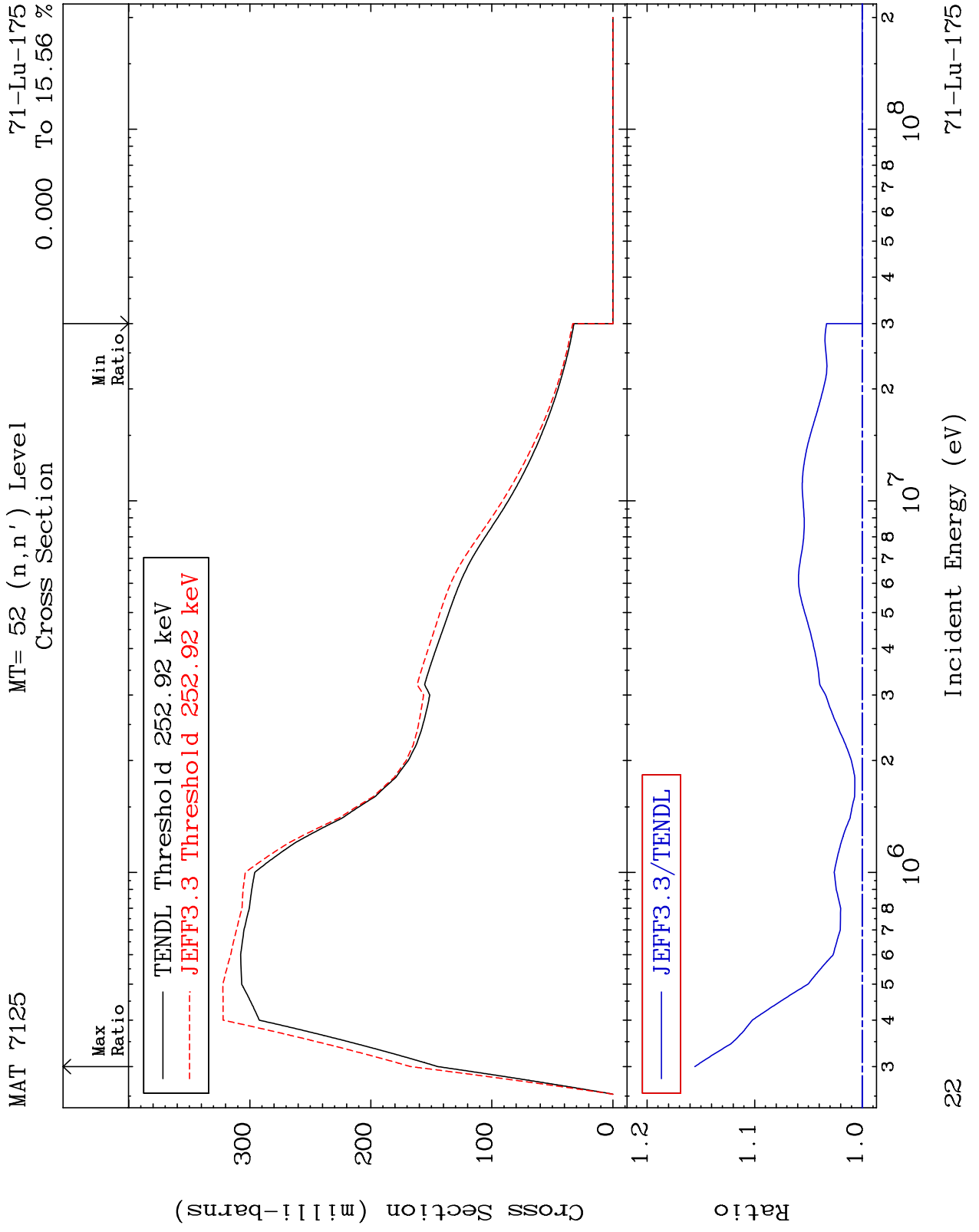
71-Lu-175
0.000 To 9999. %



20

71-Lu-175

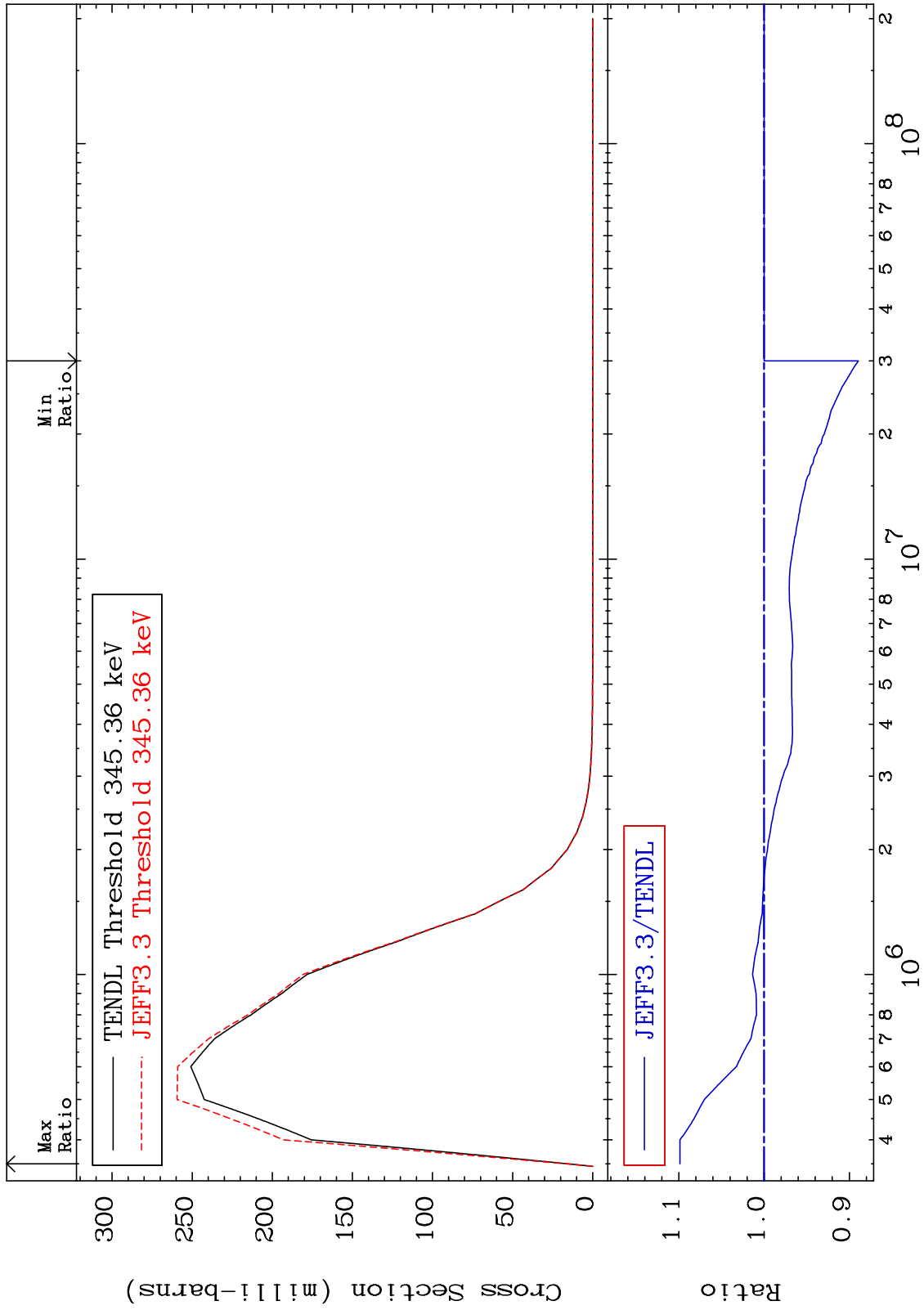




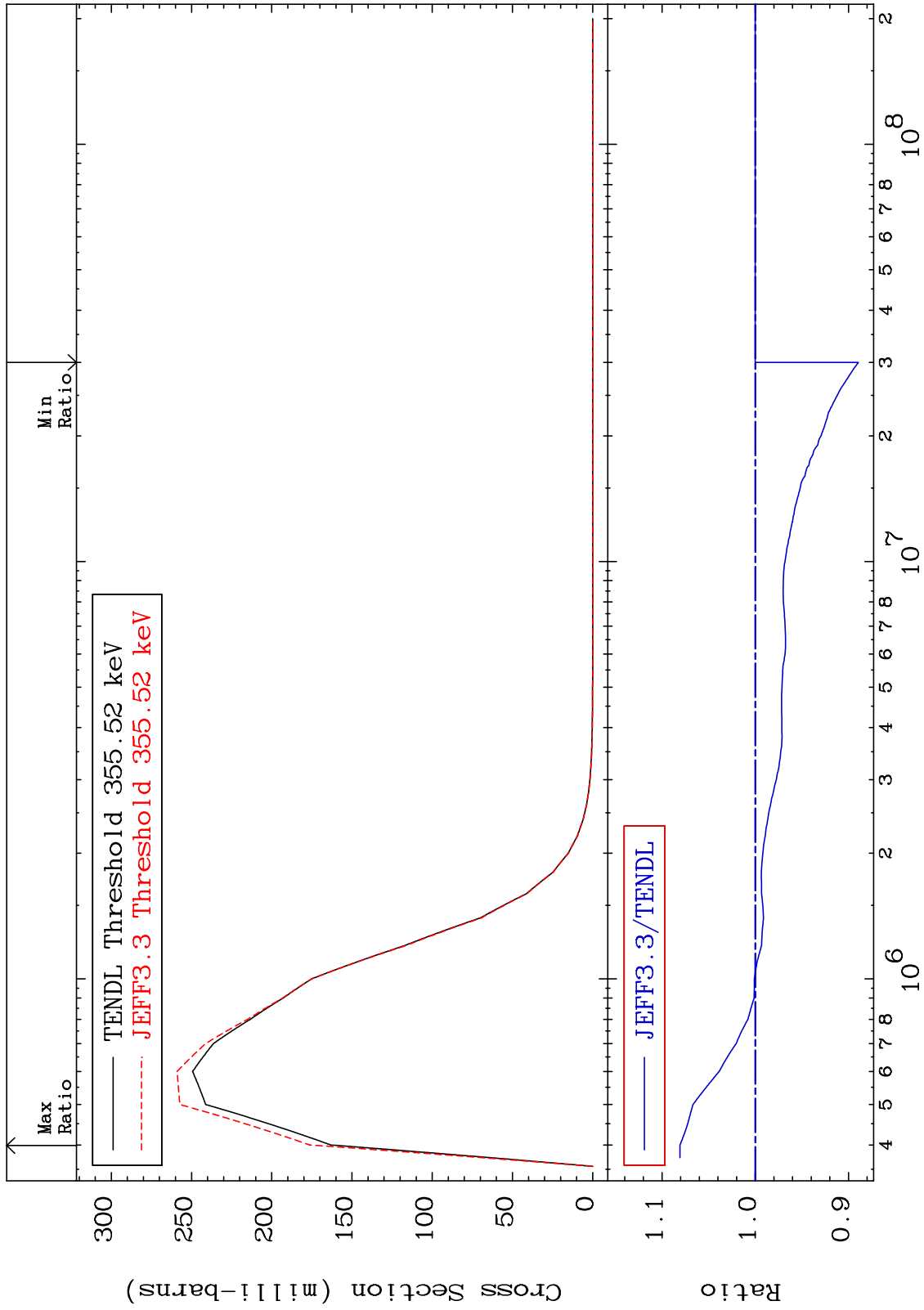
MAT 7125

MT= 53 (n,n') Level
Cross Section

71-Lu-175
-11.07 To 9.869 %



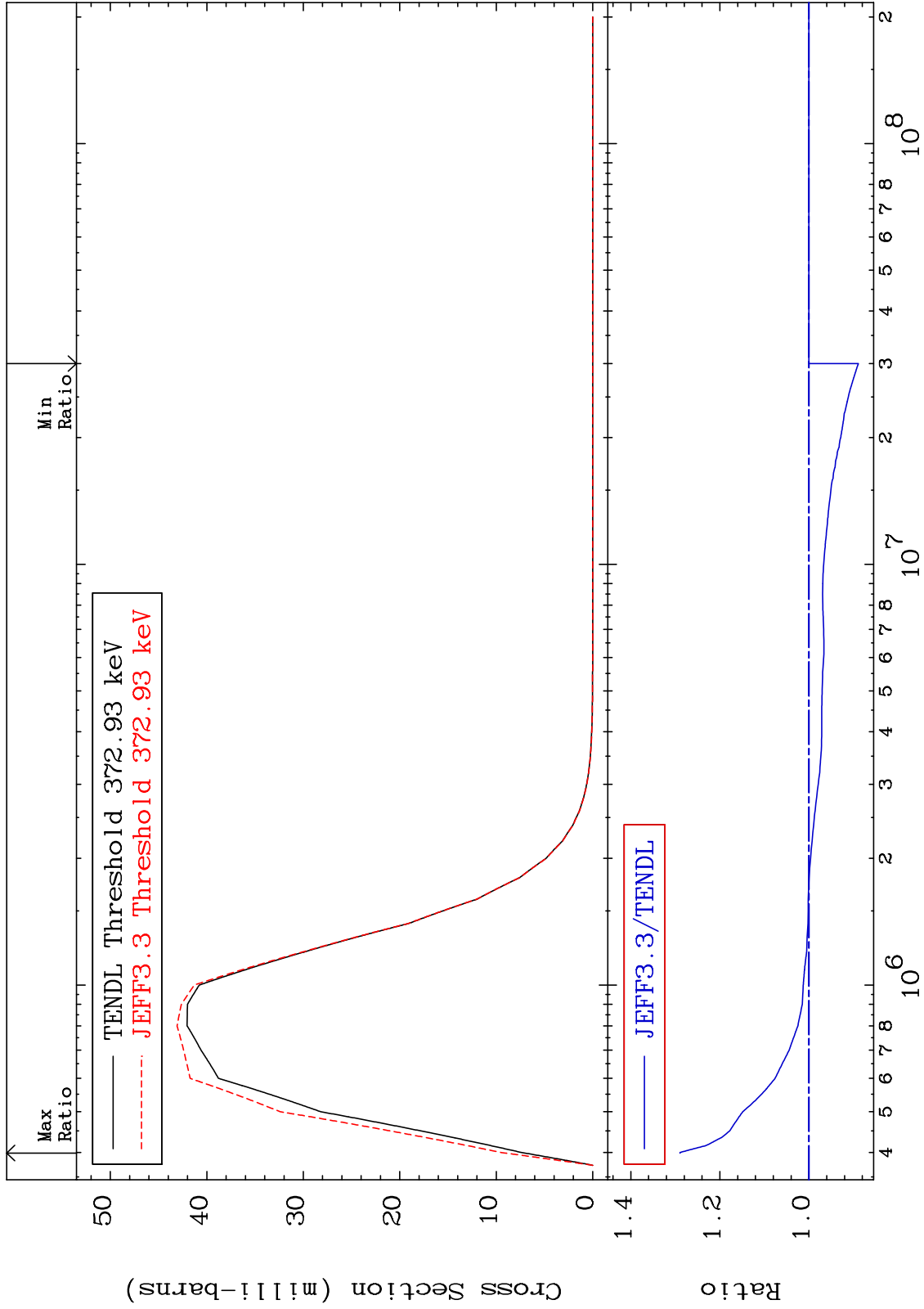
MAT 7125 MT= 54 (n,n') Level Cross Section 71-Lu-175 -11.07 To 8.070 %



MAT 7125

MT= 55 (n,n') Level
Cross Section

71-Lu-175
-11.11 To 28.95 %



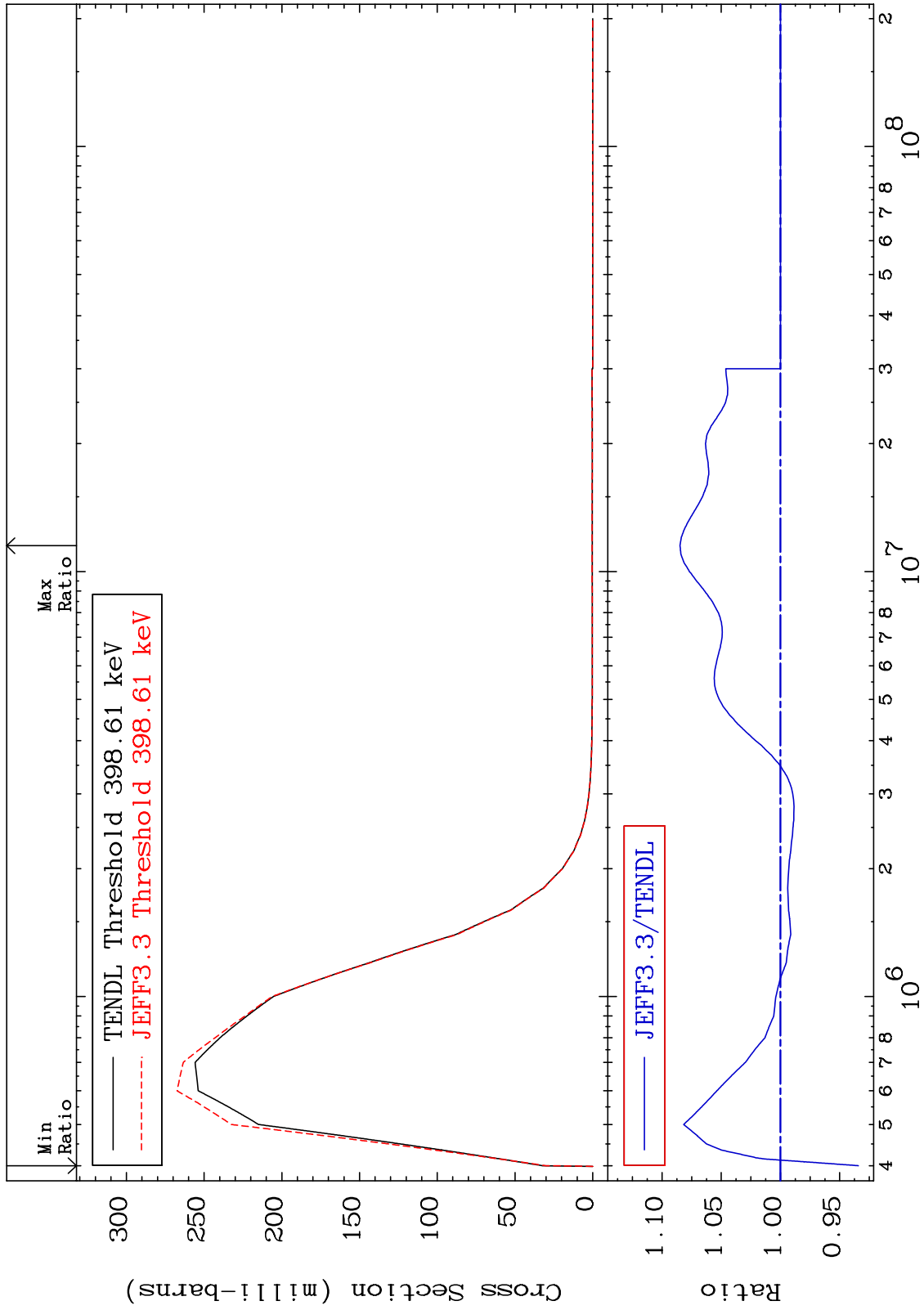
25

71-Lu-175

MAT 7125

MT= 56 (n,n') Level
Cross Section

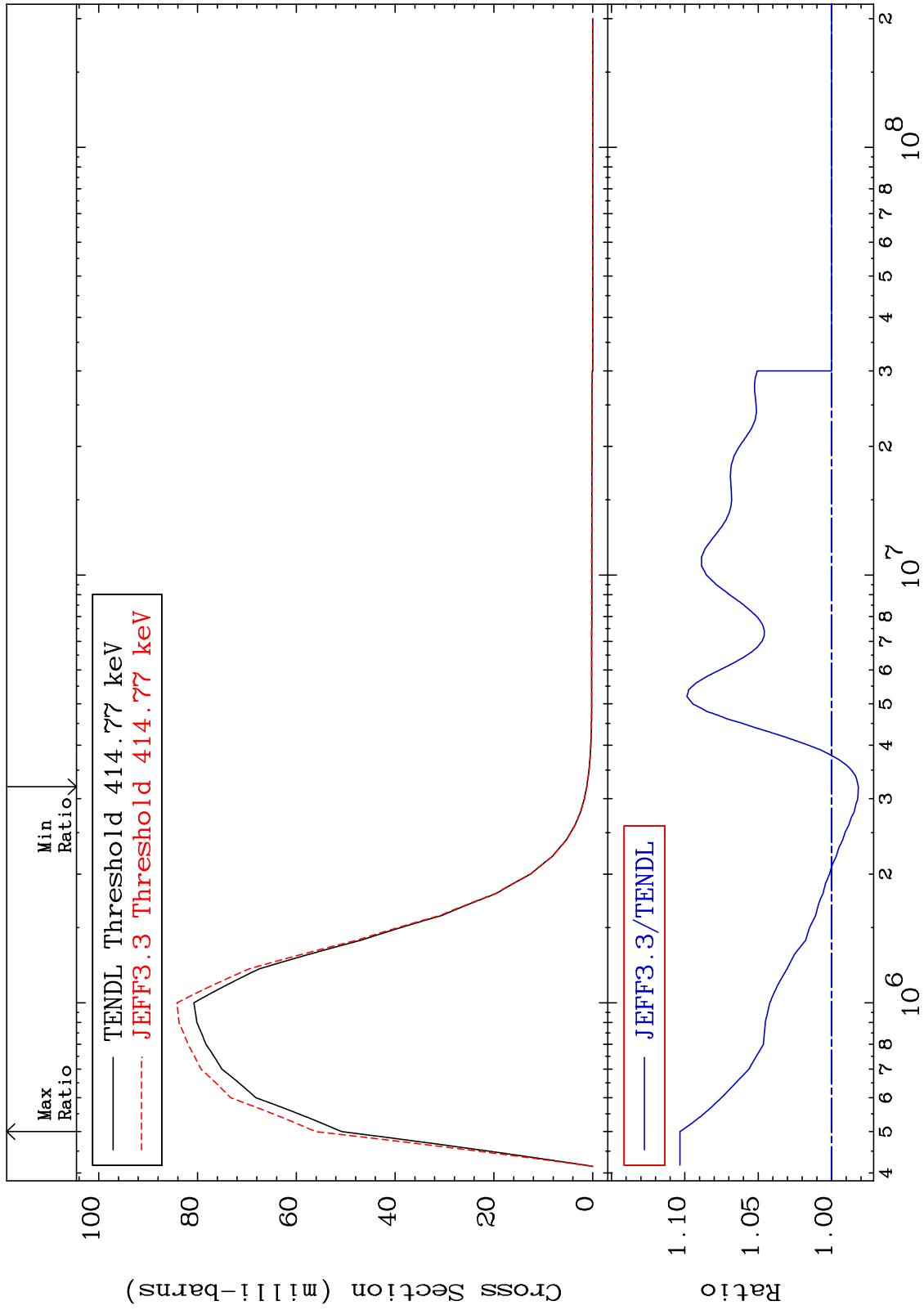
71-Lu-175
-6.580 To 8.483 %



MAT 7125

MT= 57 (n, n') Level
Cross Section

71-Lu-175
-1.831 To 10.33 %



27

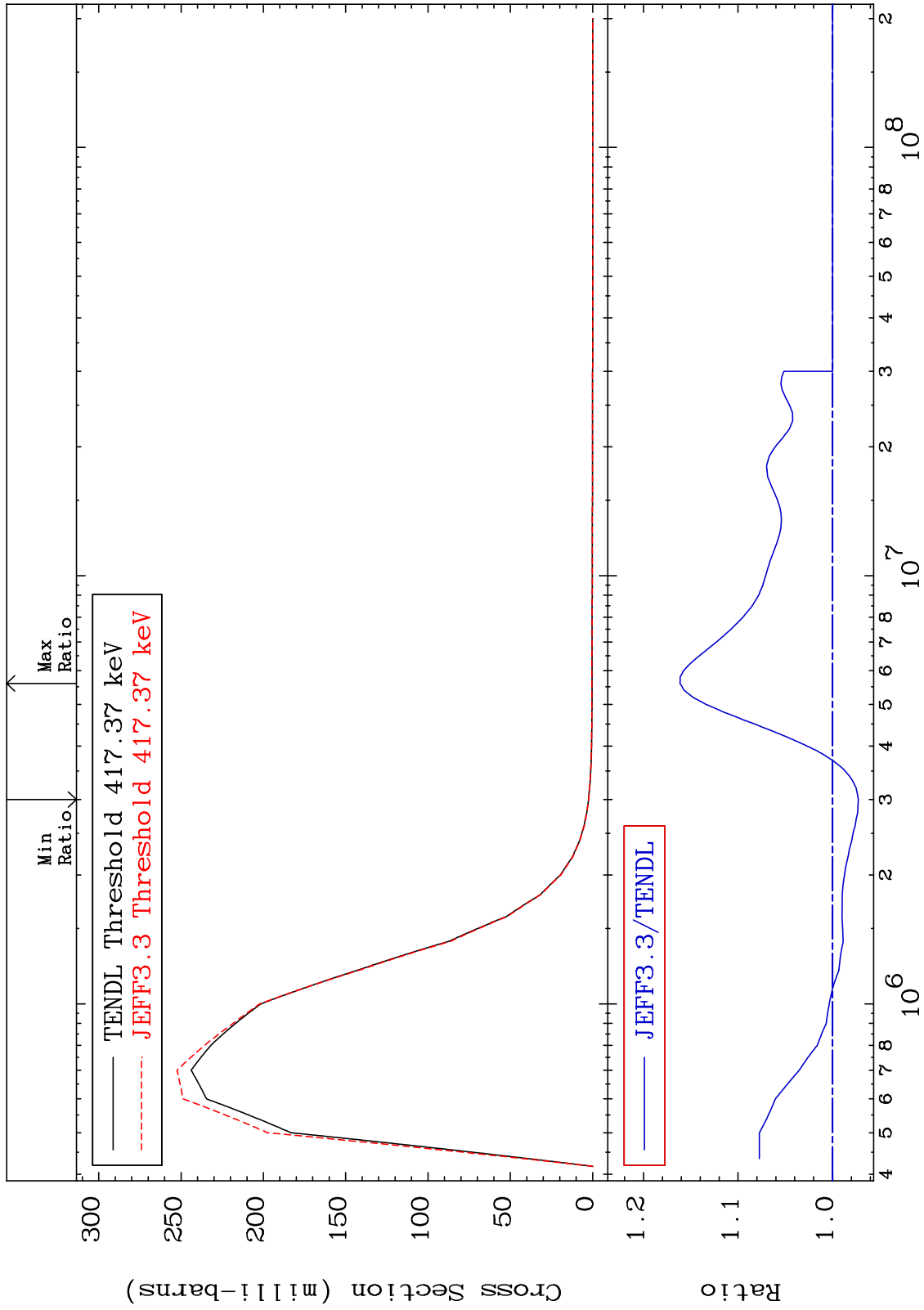
Incident Energy (eV)

71-Lu-175

MAT 7125

MT= 58 (n, n') Level
Cross Section

71-Lu-175
-2.739 To 16.14 %



28

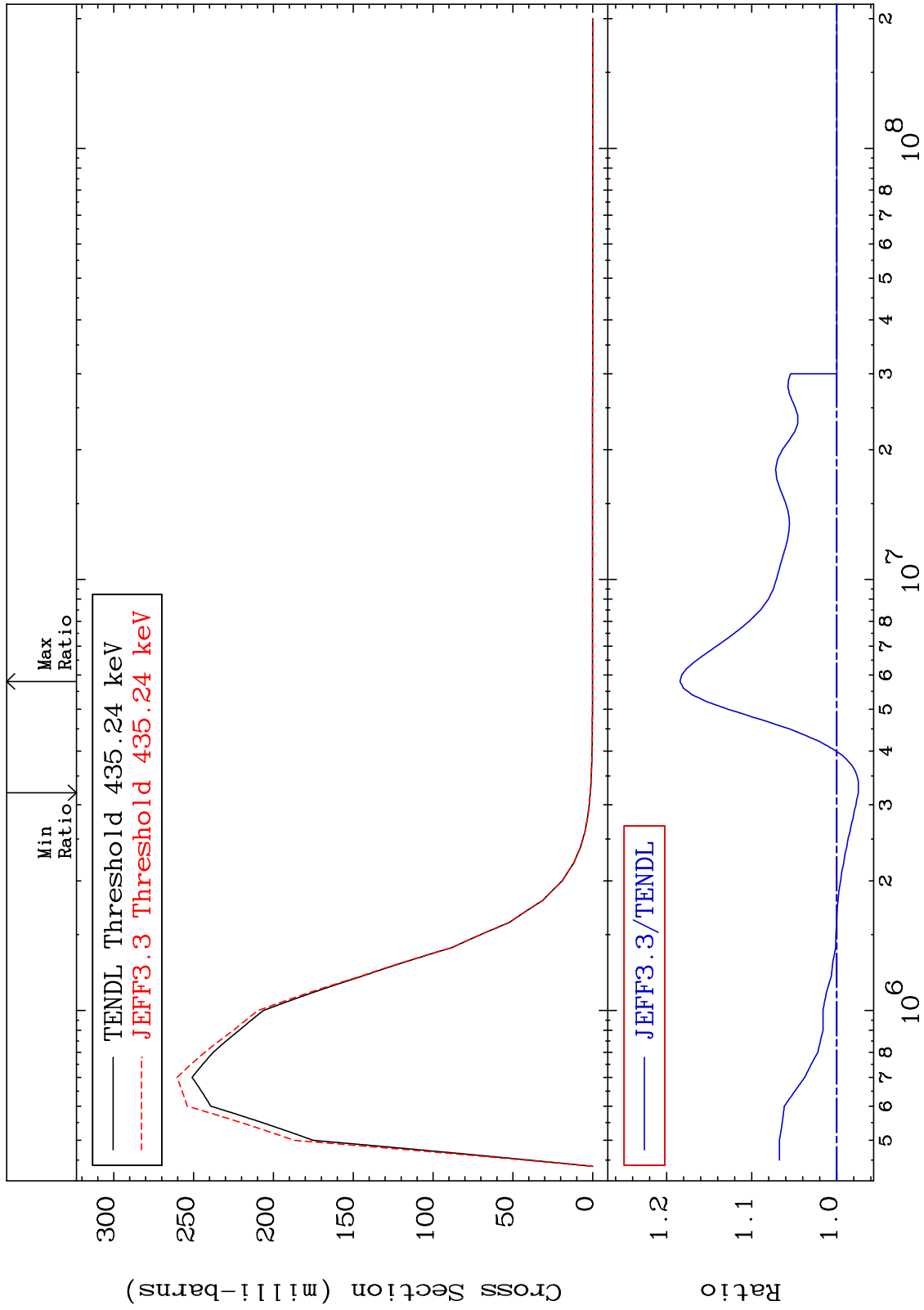
Incident Energy (eV)

71-Lu-175

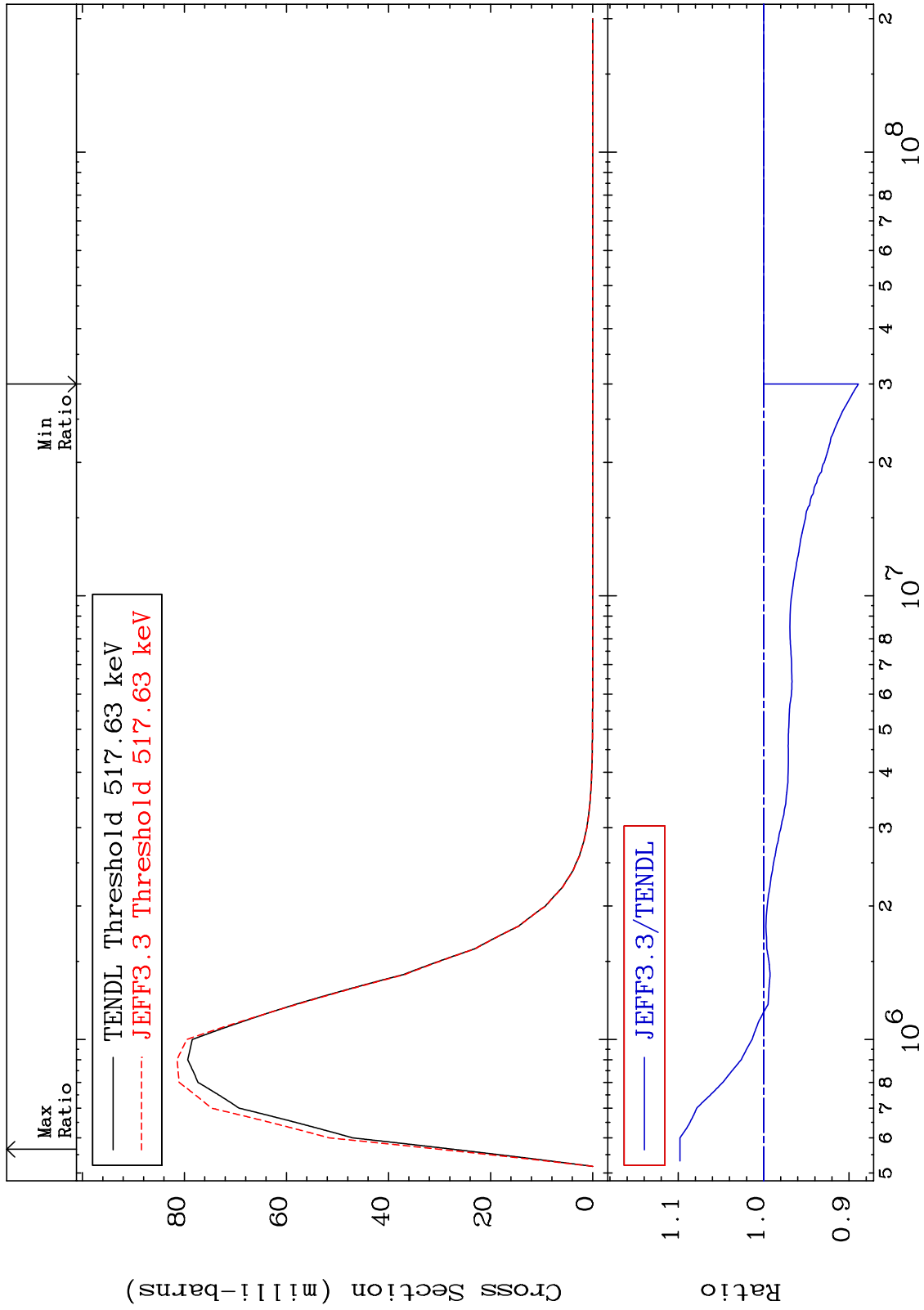
MAT 7125

MT= 59 (n,n') Level
Cross Section

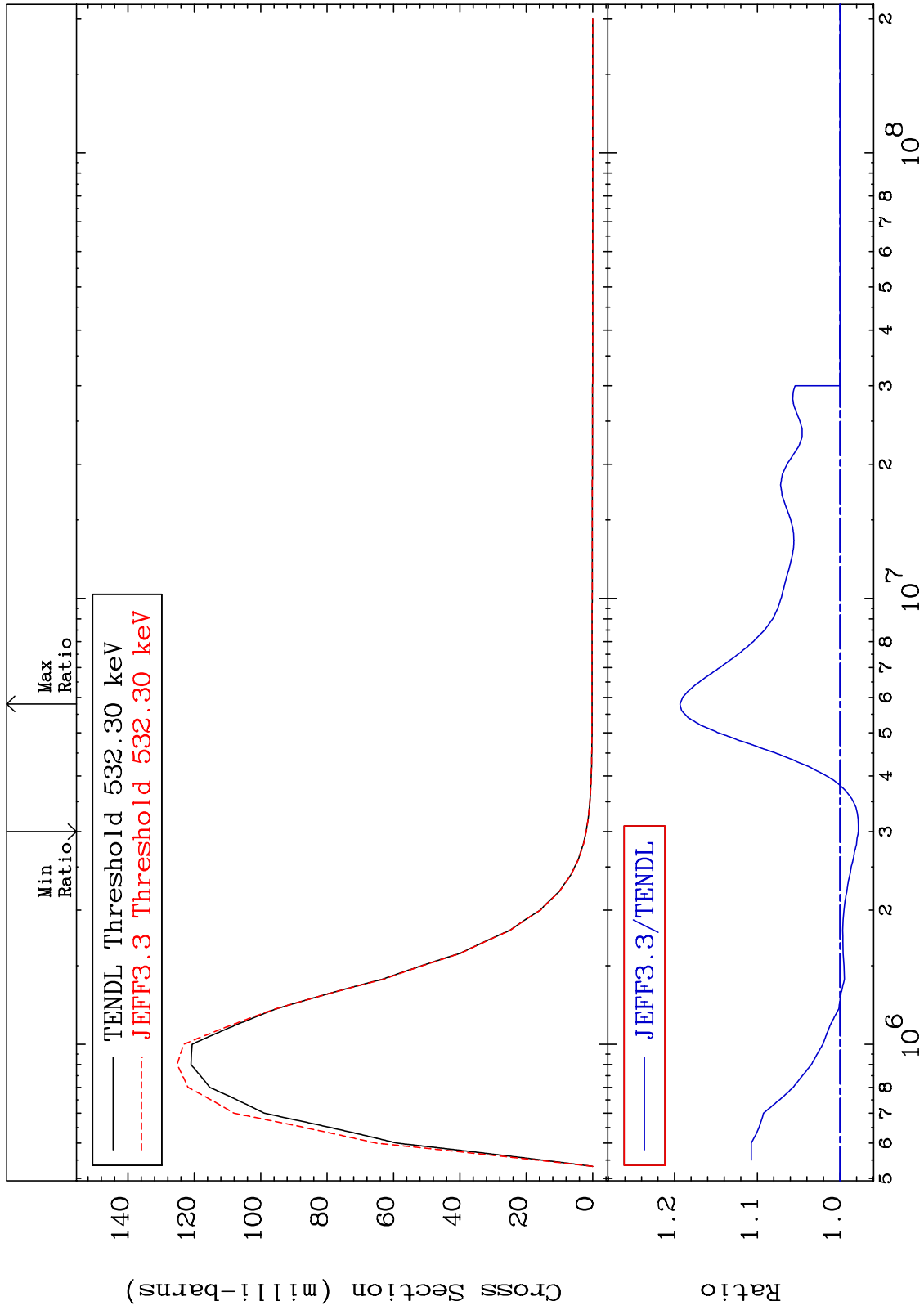
71-Lu-175
-2.549 To 18.42 %



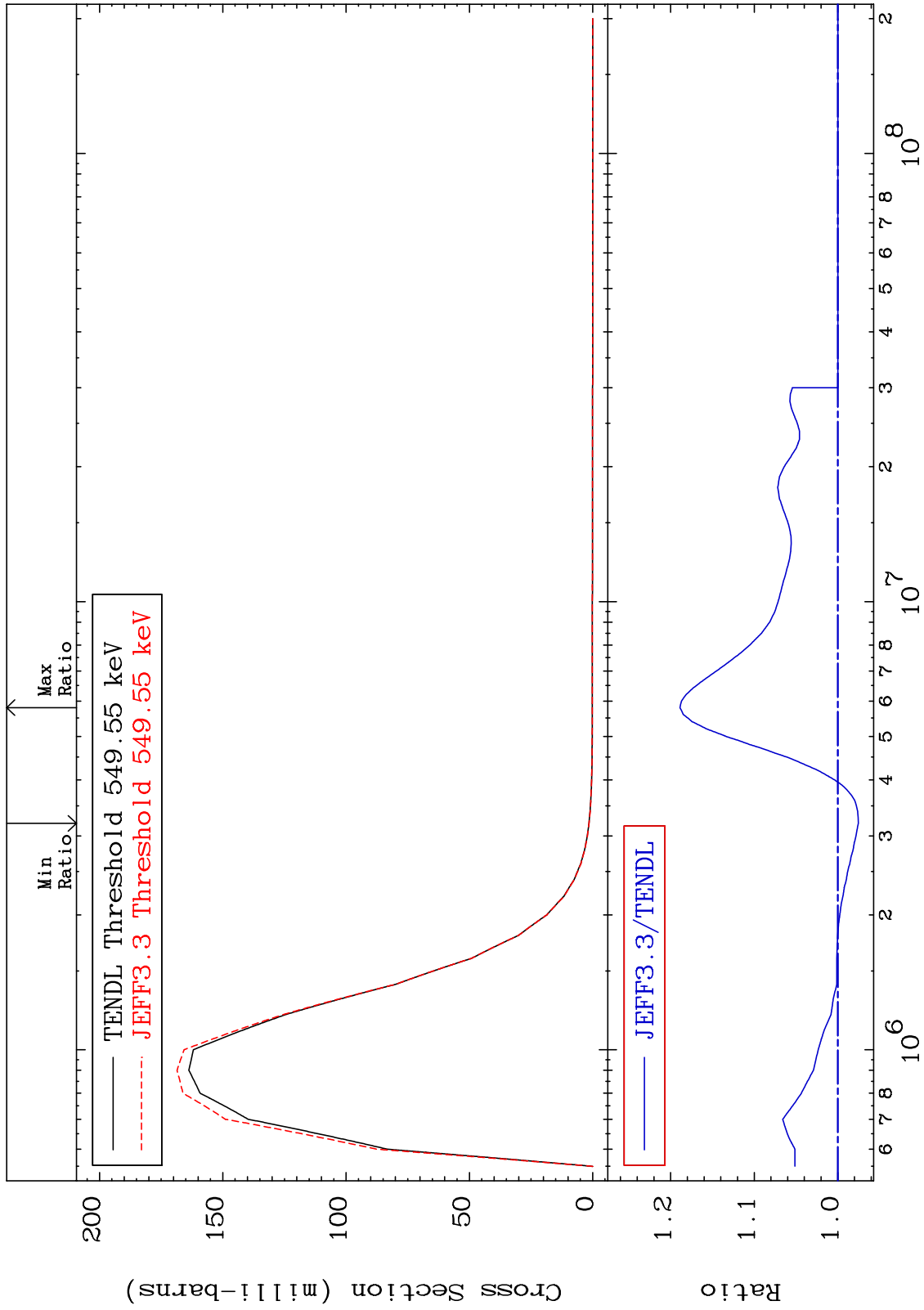
MAT 7125 MT= 60 (n,n') Level Cross Section -11.10 To 9.800 % 71-Lu-175



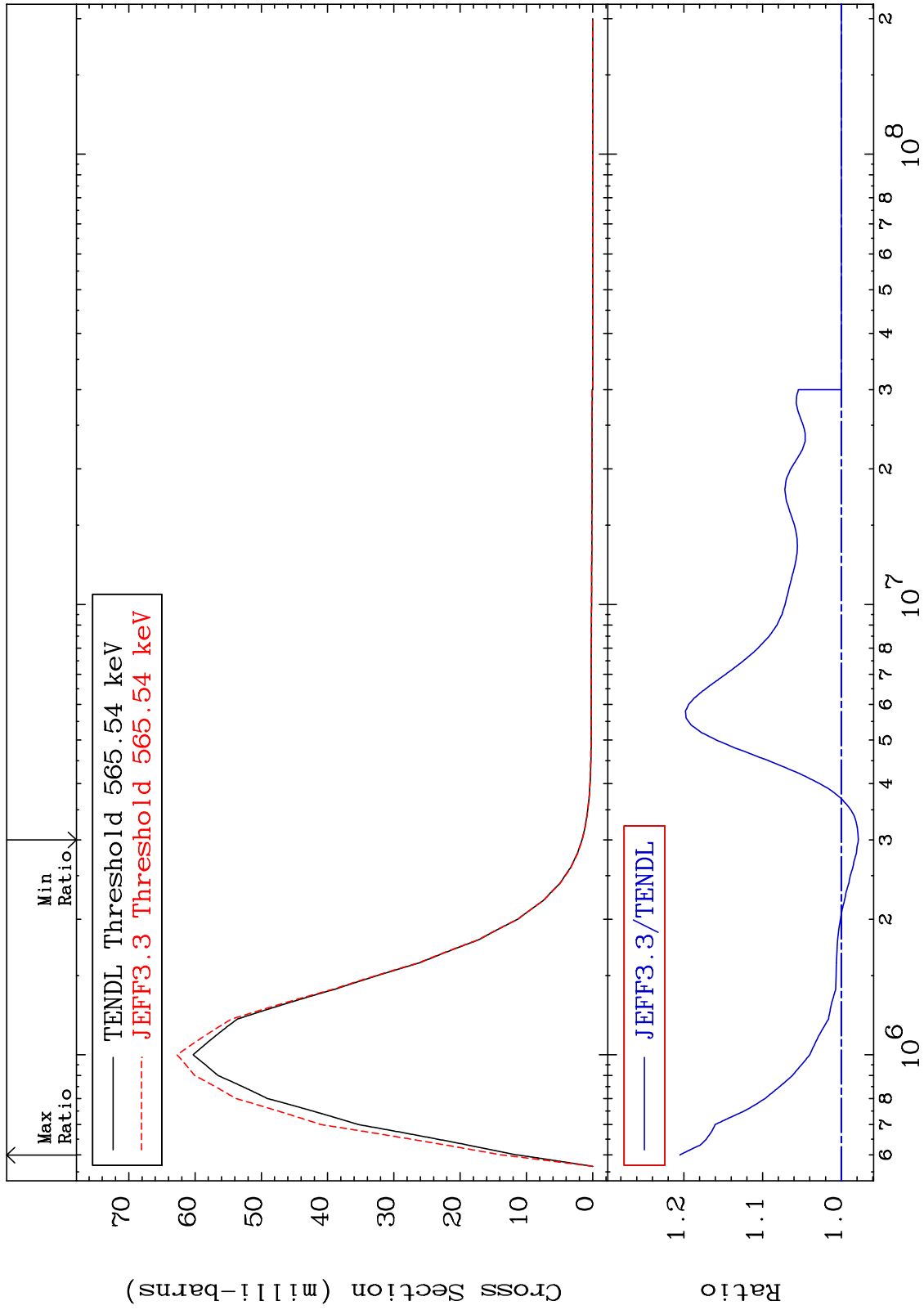
MAT 7125 MT= 61 (n,n') Level Cross Section 71-Lu-175 -2.221 To 19.34 %



MAT 7125 MT= 62 (n,n') Level Cross Section 71-Lu-175 -2.466 To 18.88 %



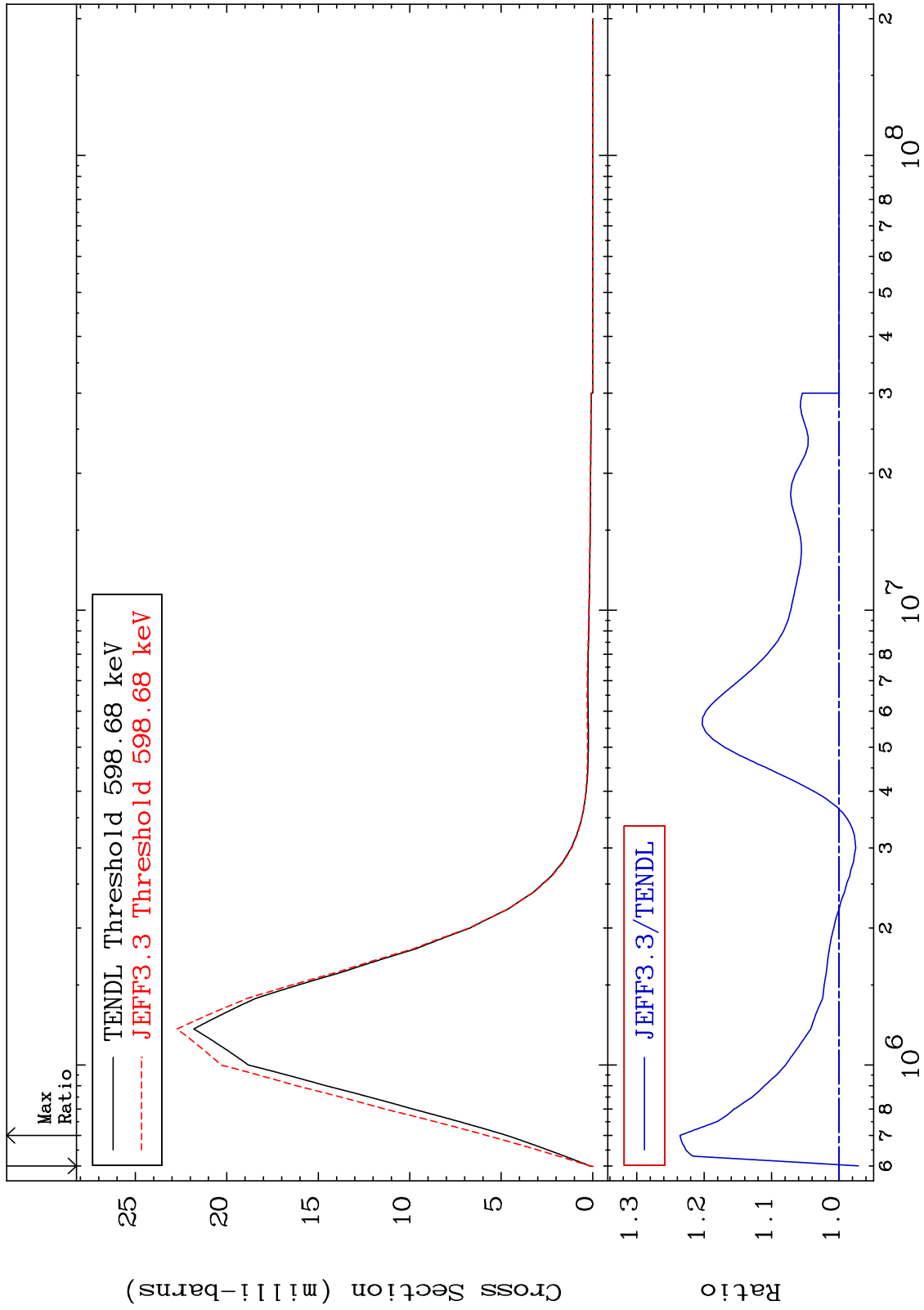
MAT 7125 MT= 63 (n,n') Level 71-Lu-175
 Cross Section -2.174 To 20.49 %



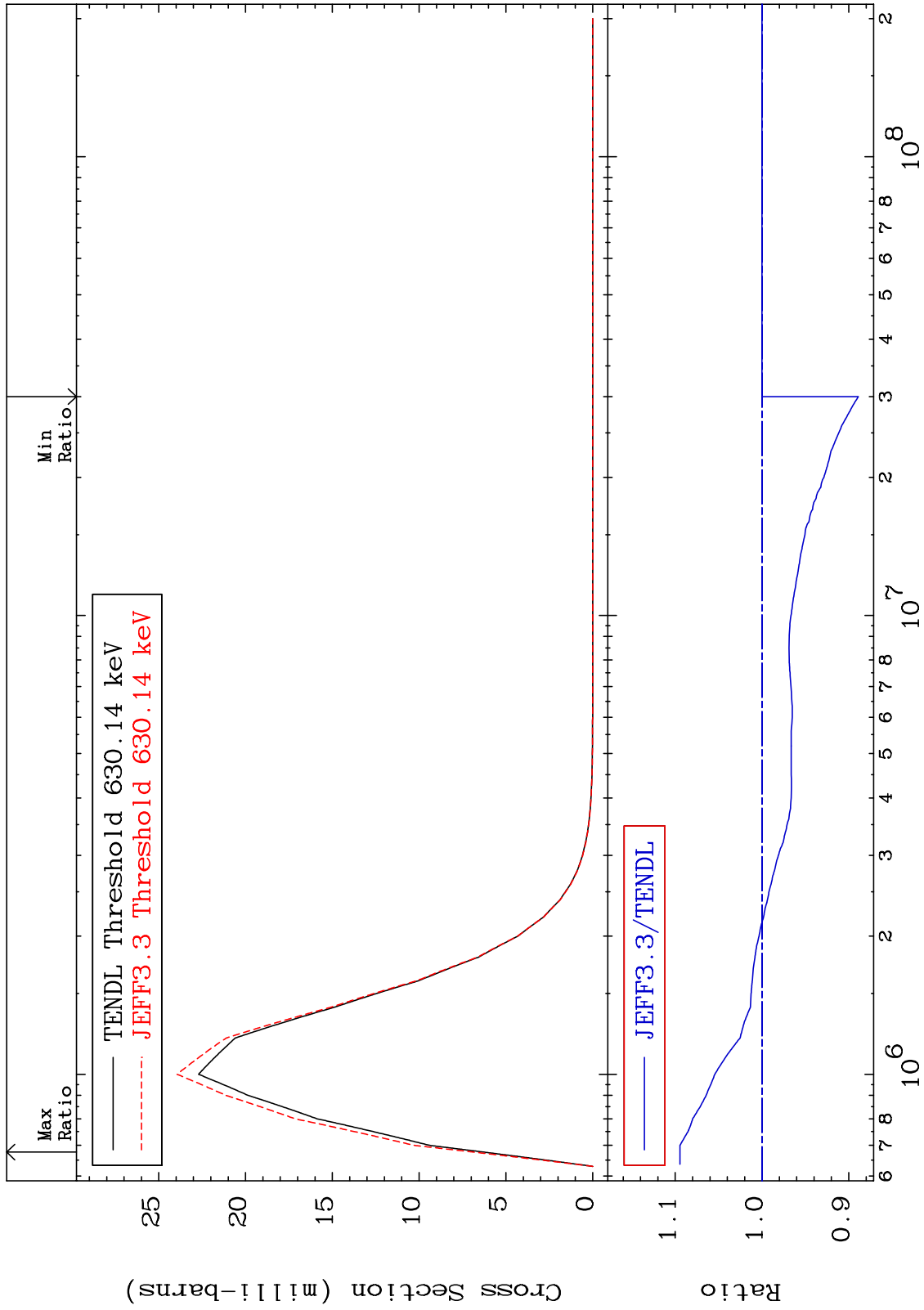
MAT 7125

MT= 64 (n,n') Level
Cross Section

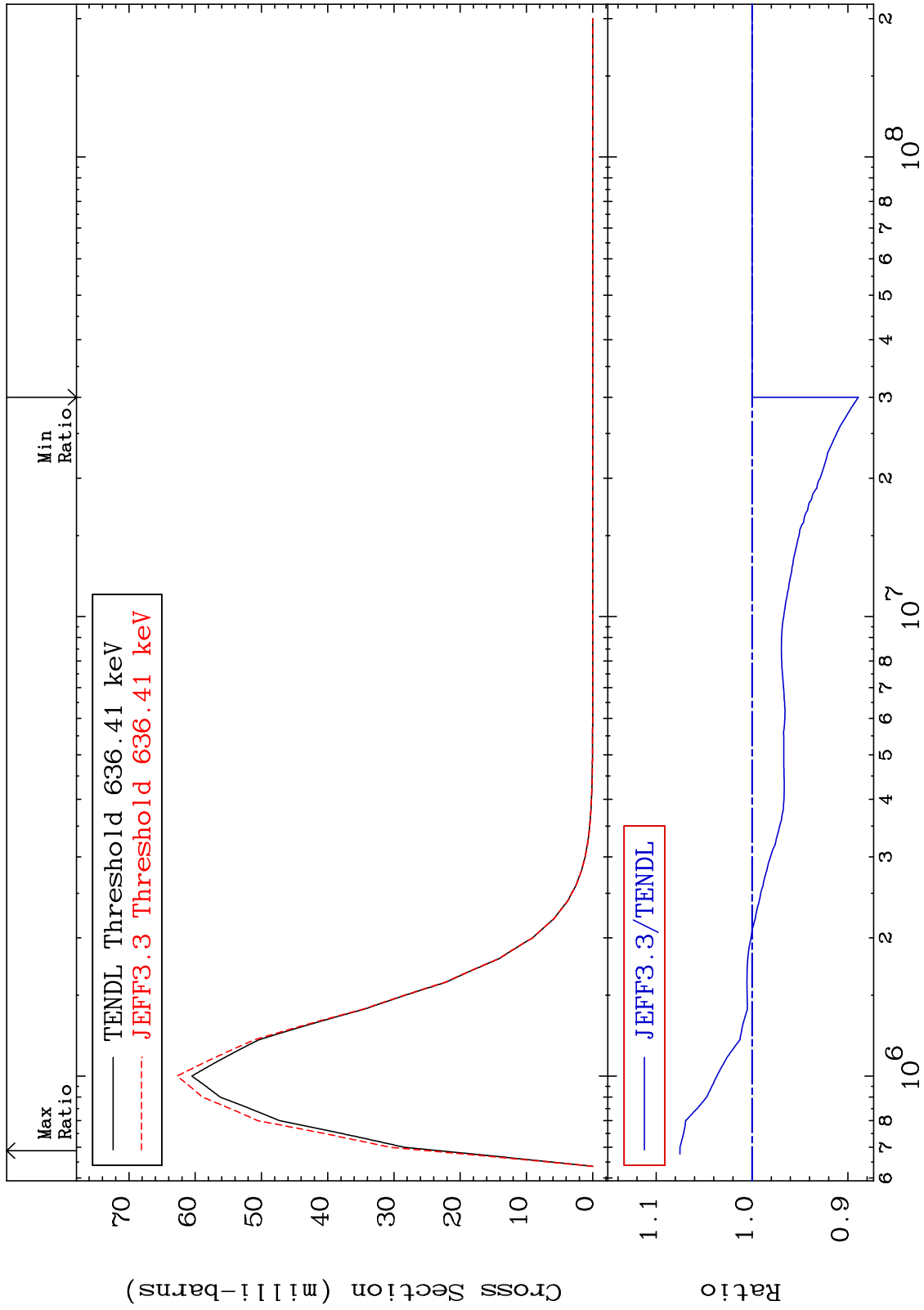
71-Lu-175
-2.883 To 23.59 %



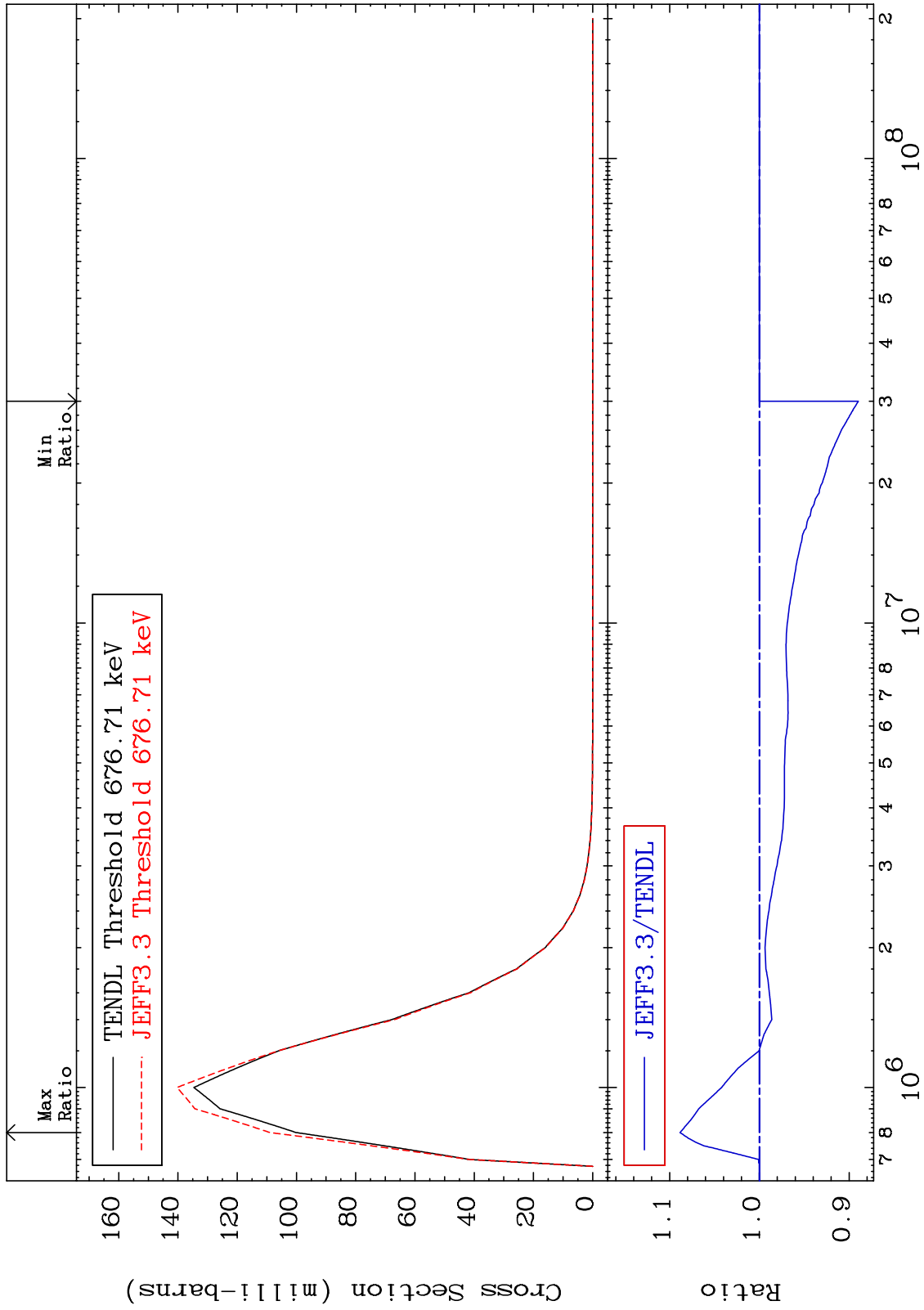
MAT 7125 MT= 65 (n,n') Level 71-Lu-175
 Cross Section -11.11 To 9.452 %



MAT 7125 MT= 66 (n,n') Level 71-Lu-175
 Cross Section -11.10 To 7.519 %



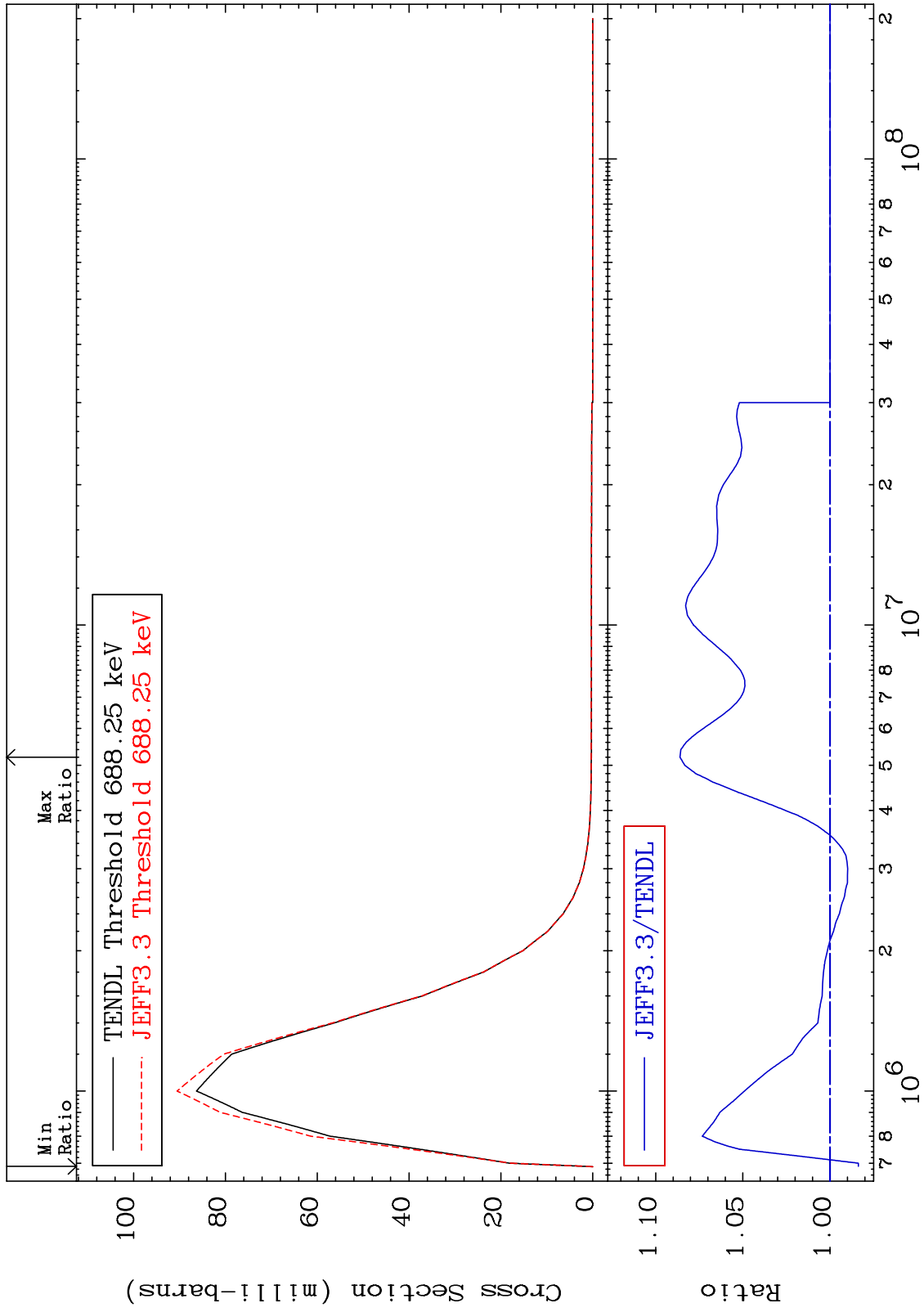
MAT 7125 MT= 67 (n,n') Level 71-Lu-175
 Cross Section -11.03 To 8.839 %



MAT 7125

MT= 68 (n,n') Level
Cross Section

71-Lu-175
-1.627 To 8.602 %



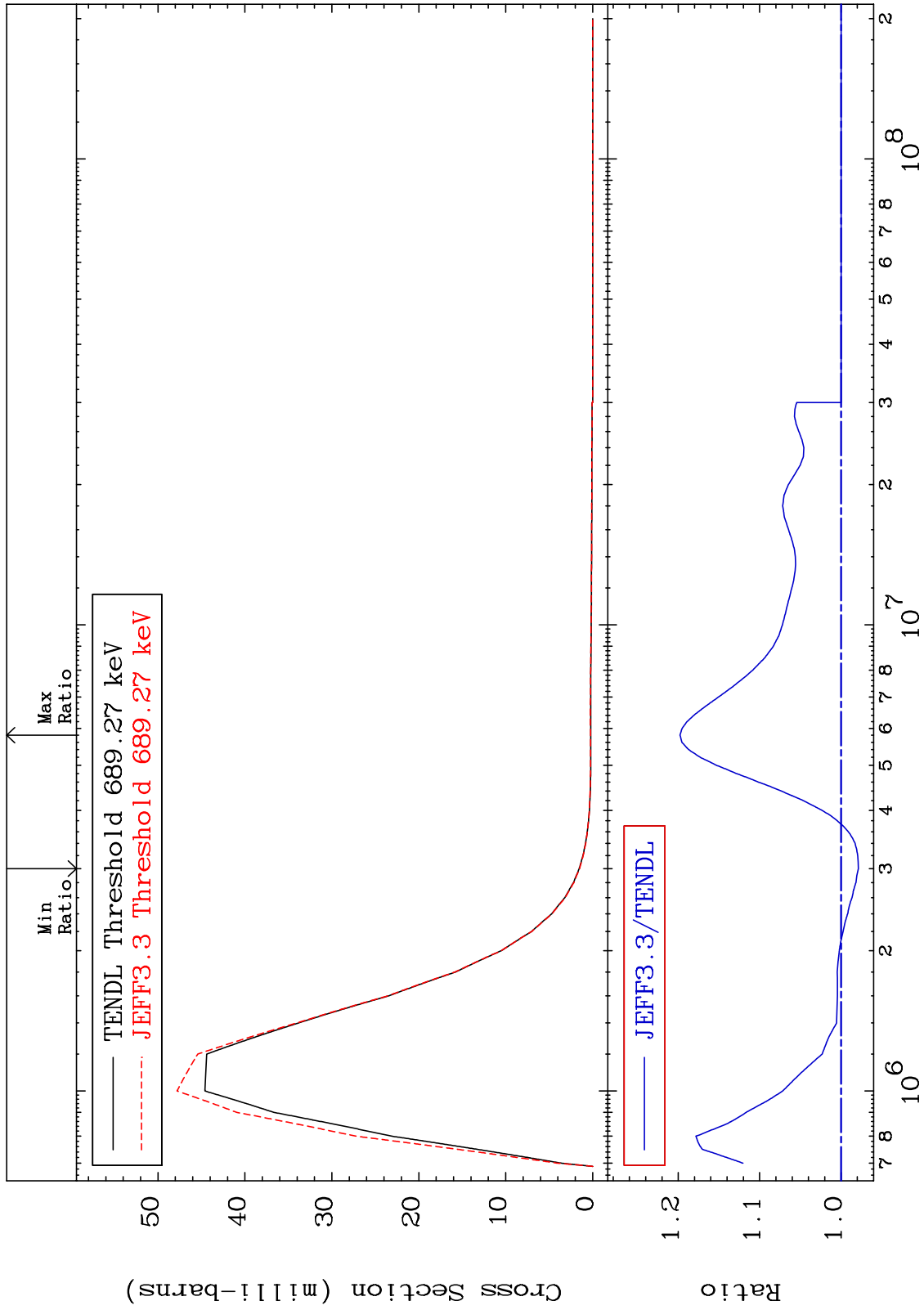
38

71-Lu-175

MAT 7125

MT= 69 (n,n') Level
Cross Section

71-Lu-175
-2.133 To 19.78 %



39

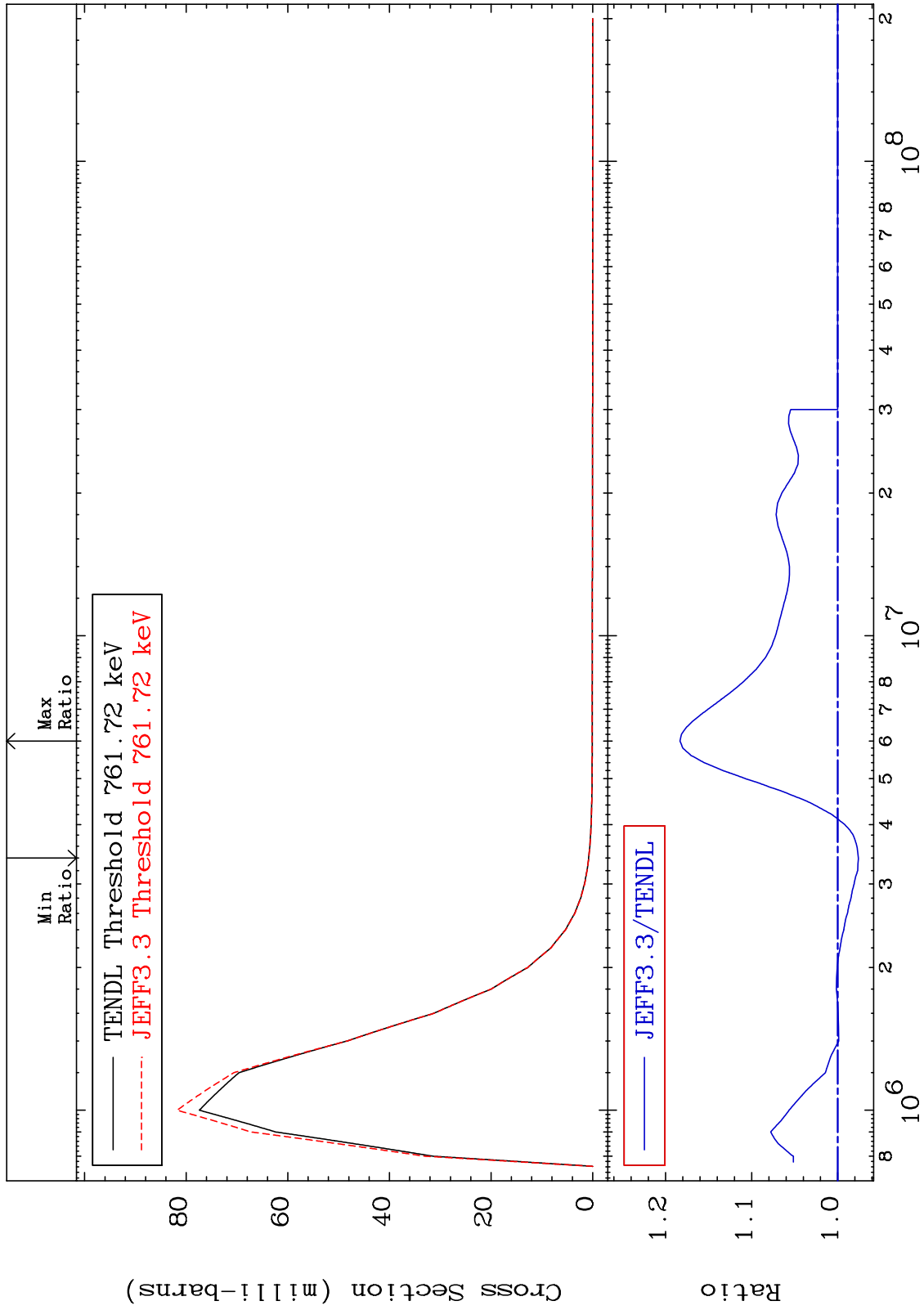
Incident Energy (eV)

71-Lu-175

MAT 7125

MT= 70 (n,n') Level
Cross Section

71-Lu-175
-2.402 To 18.32 %



40

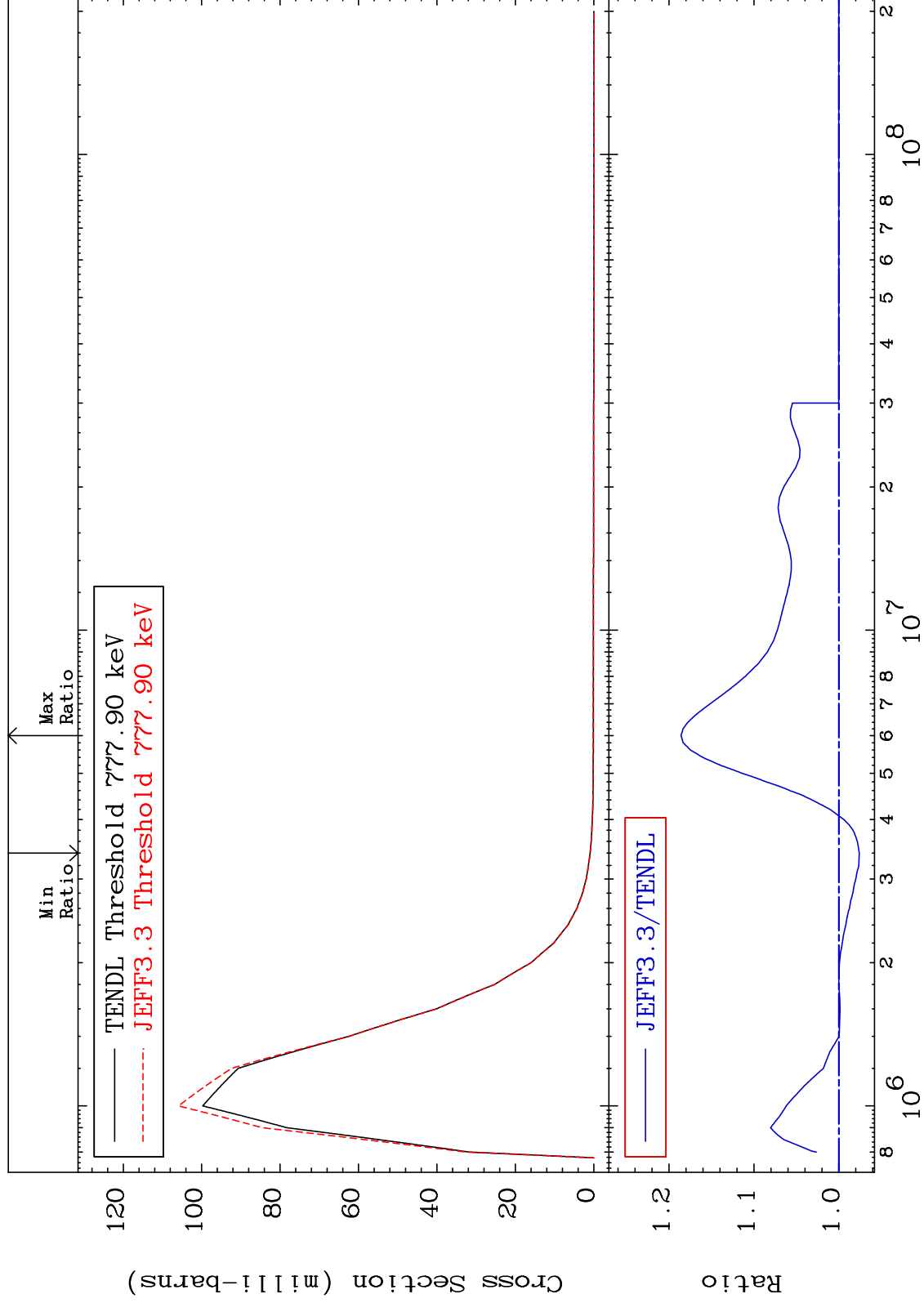
Incident Energy (eV)

71-Lu-175

MAT 7125

MT= 71 (n,n') Level
Cross Section

71-Lu-175
-2.407 To 18.58 %



41

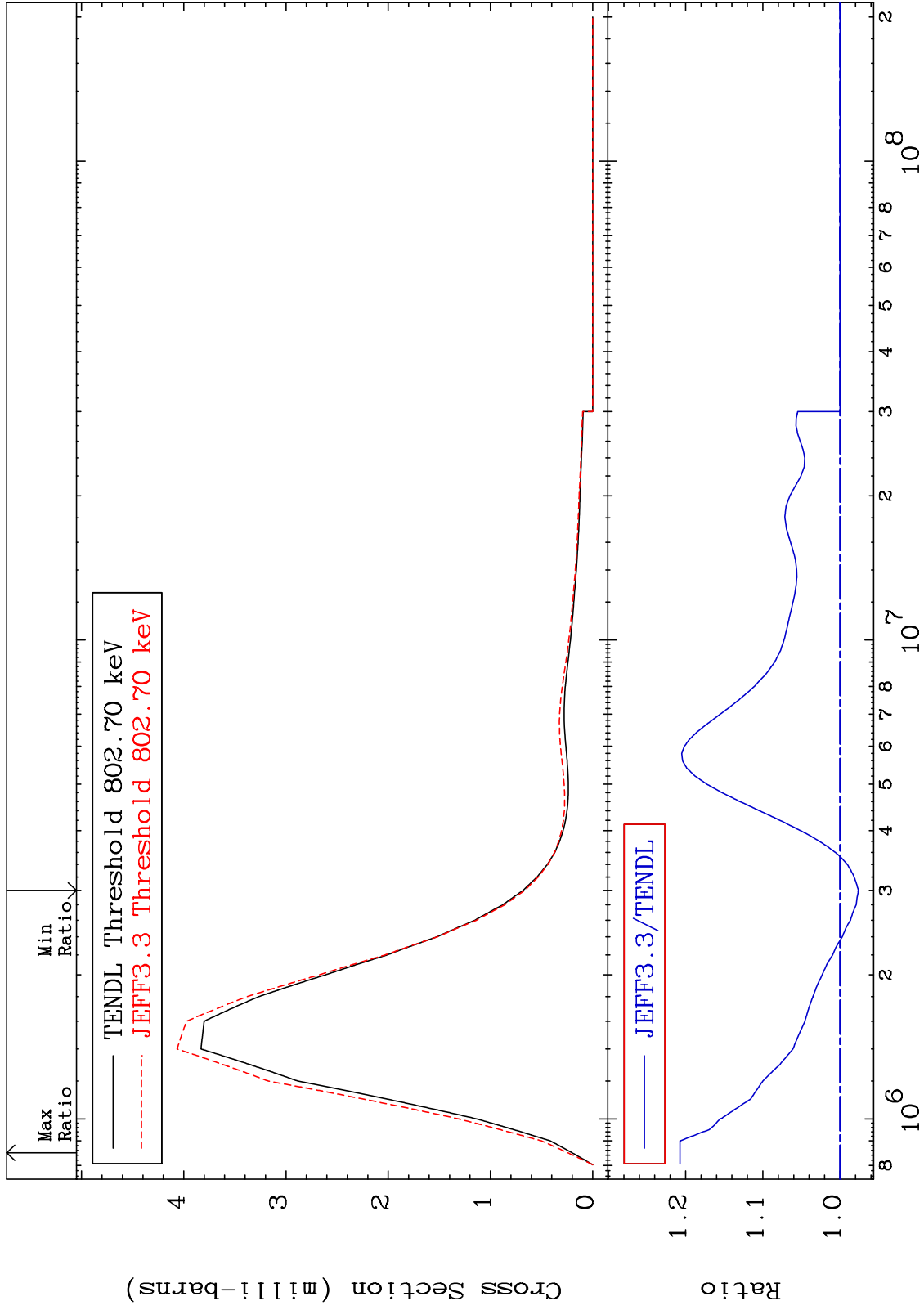
Incident Energy (eV)

71-Lu-175

MAT 7125

MT= 72 (n,n') Level
Cross Section

71-Lu-175
-2.379 To 20.72 %



42

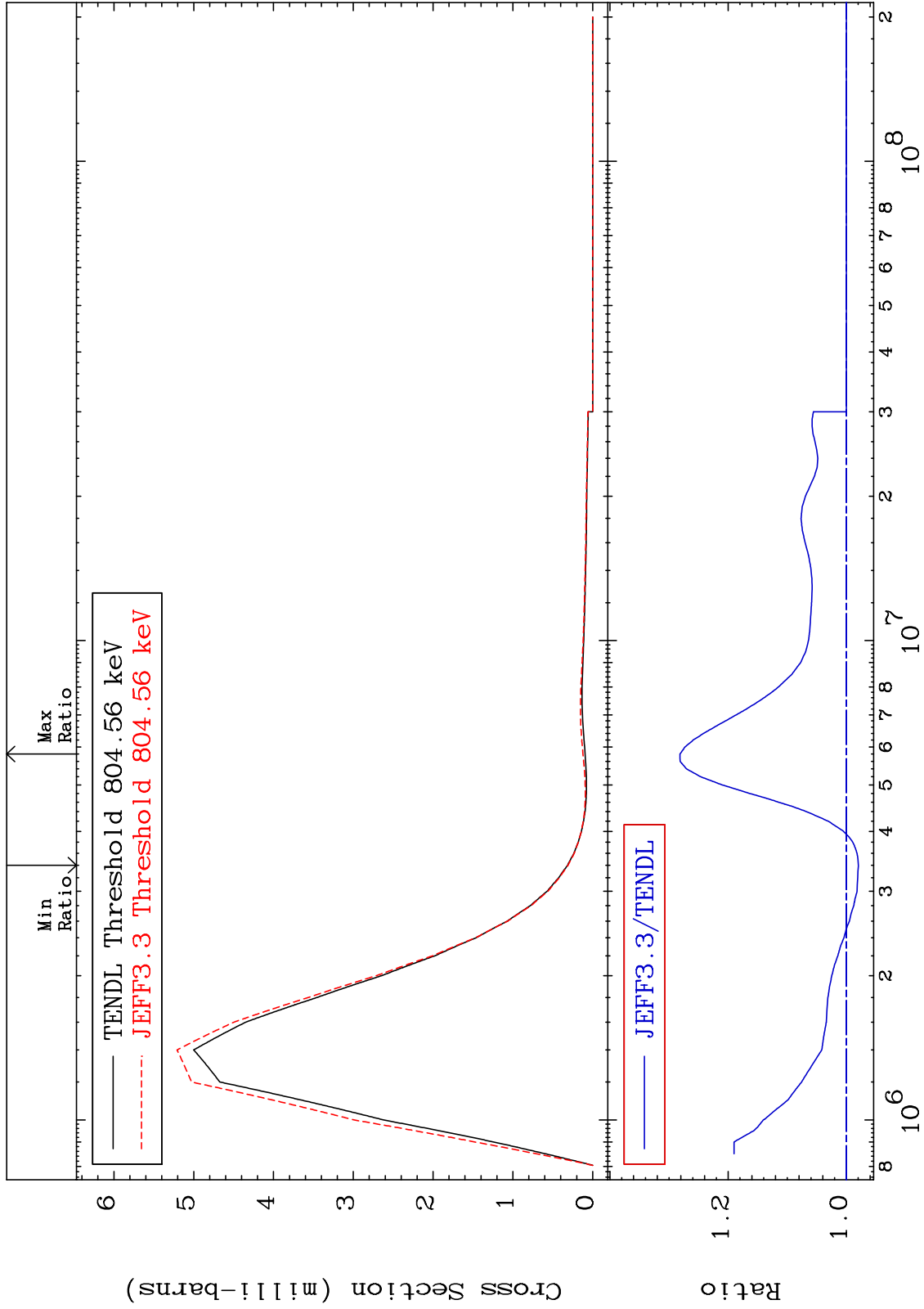
Incident Energy (eV)

71-Lu-175

MAT 7125

MT= 73 (n,n') Level
Cross Section

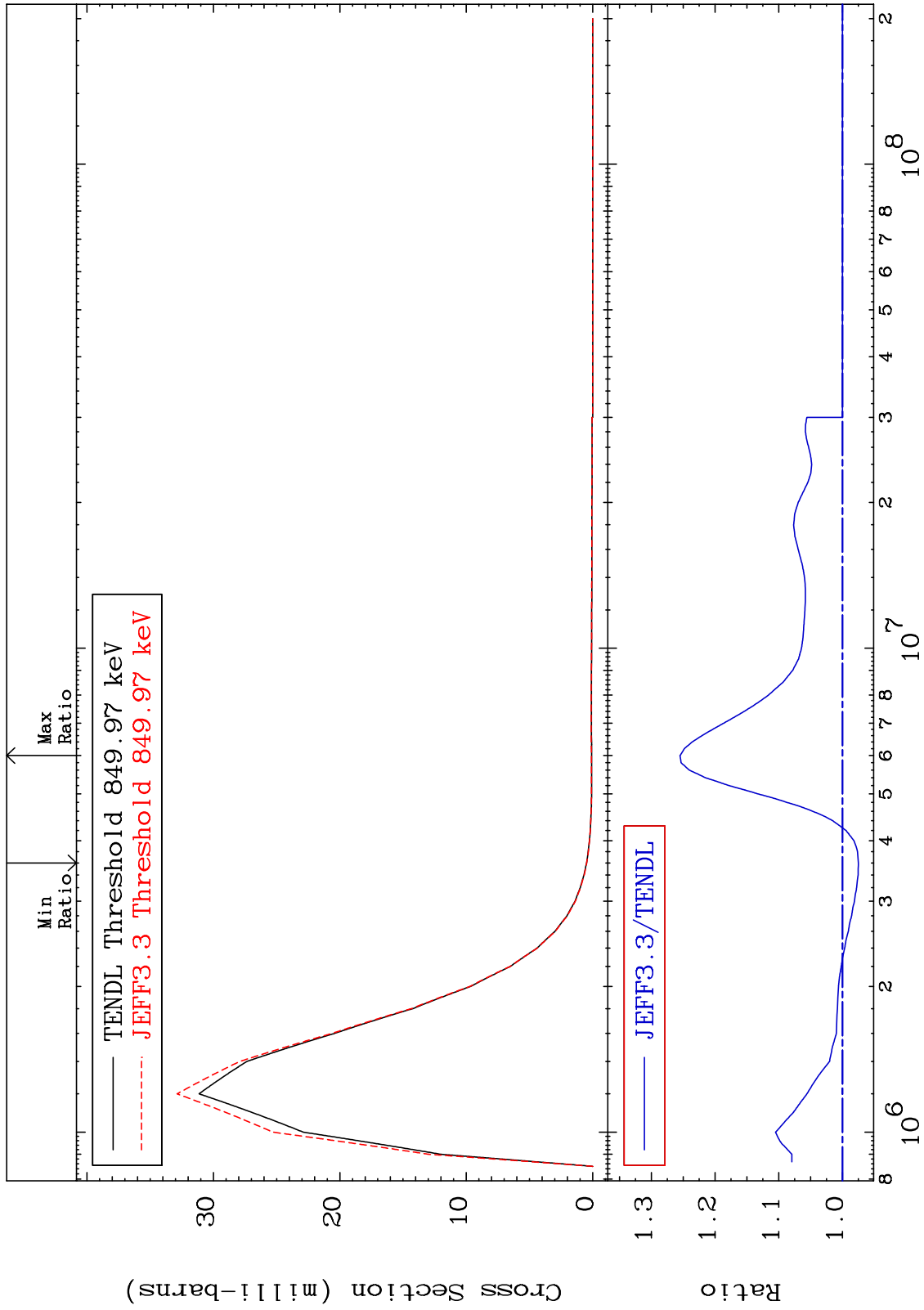
71-Lu-175
-2.030 To 28.15 %



43

71-Lu-175

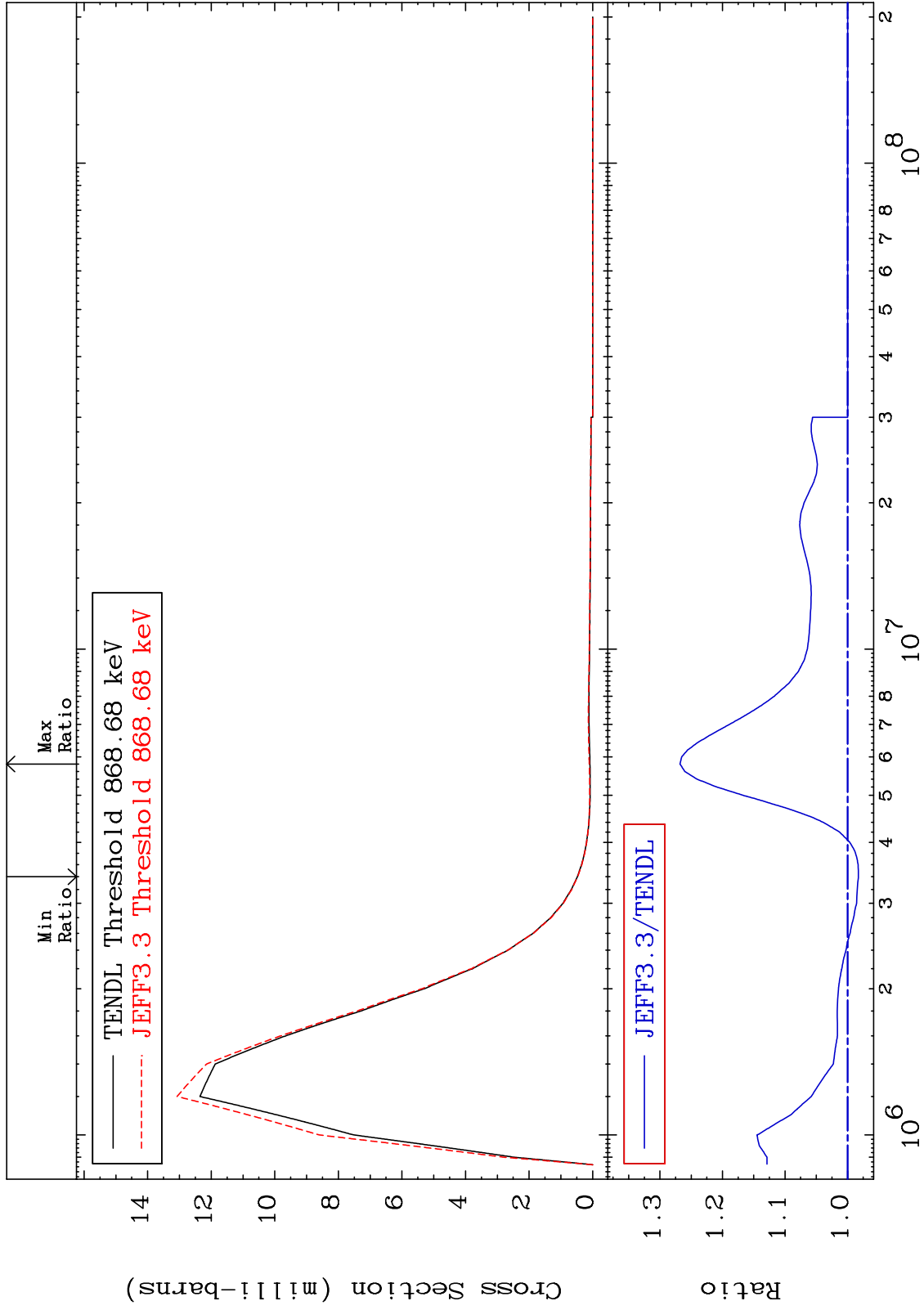
MAT 7125 MT= 74 (n,n') Level 71-Lu-175
 Cross Section -2.499 To 25.50 %



MAT 7125

MT= 75 (n,n') Level
Cross Section

71-Lu-175
-1.733 To 26.79 %



45

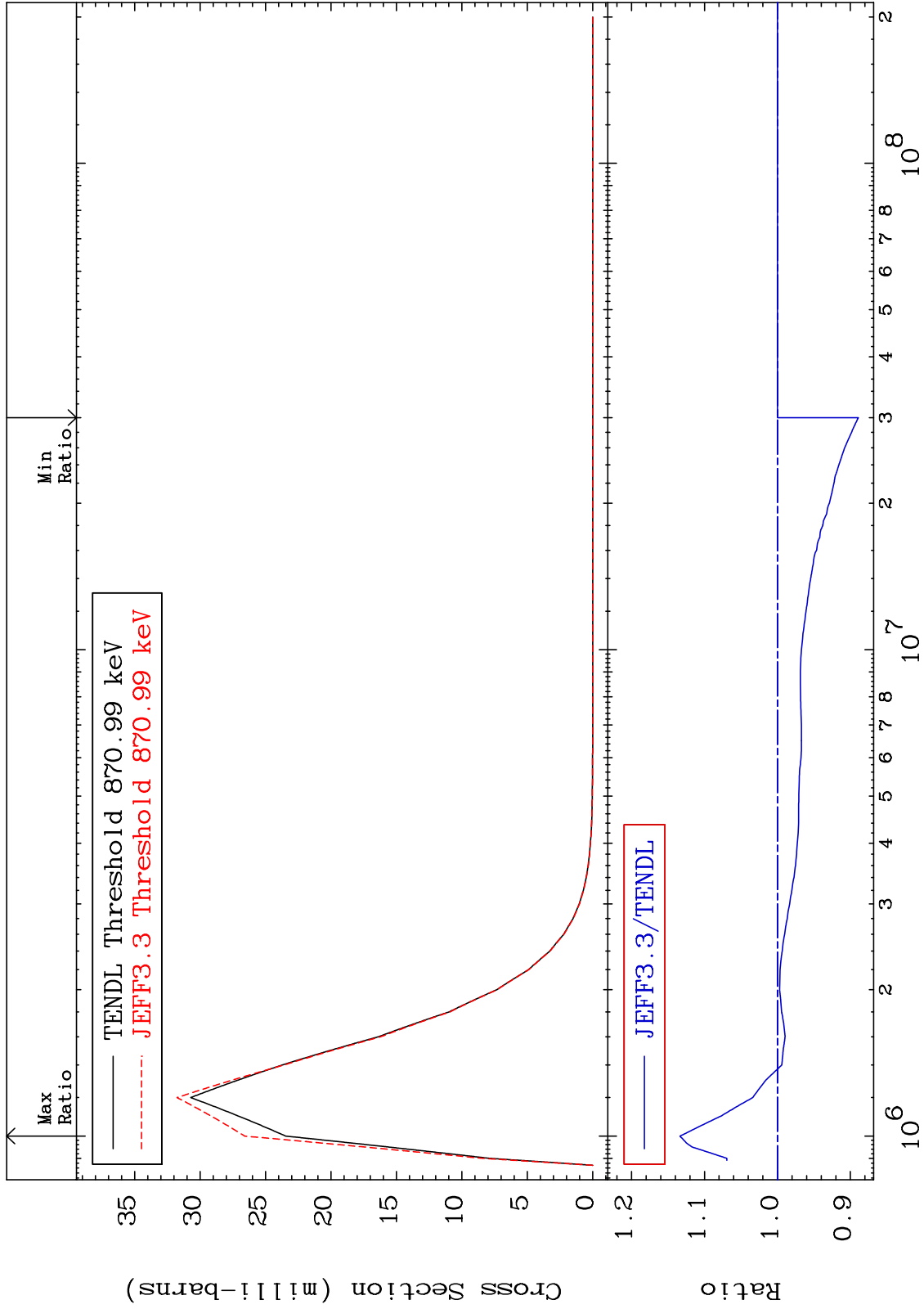
Incident Energy (eV)

71-Lu-175

MAT 7125

MT= 76 (n,n') Level
Cross Section

71-Lu-175
-11.10 To 13.36 %



46

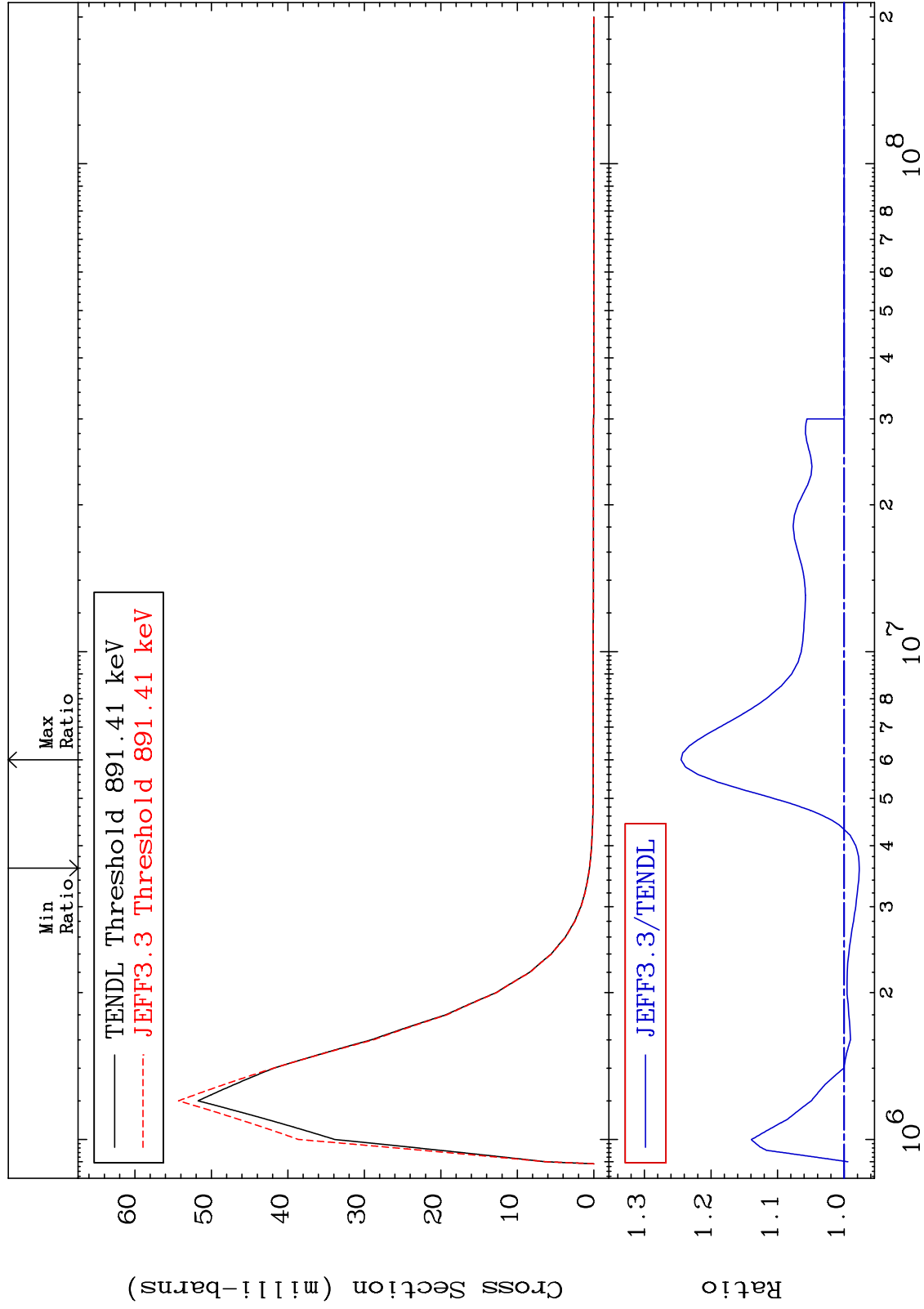
Incident Energy (eV)

71-Lu-175

MAT 7125

MT= 77 (n,n') Level
Cross Section

71-Lu-175
-2.273 To 24.50 %



47

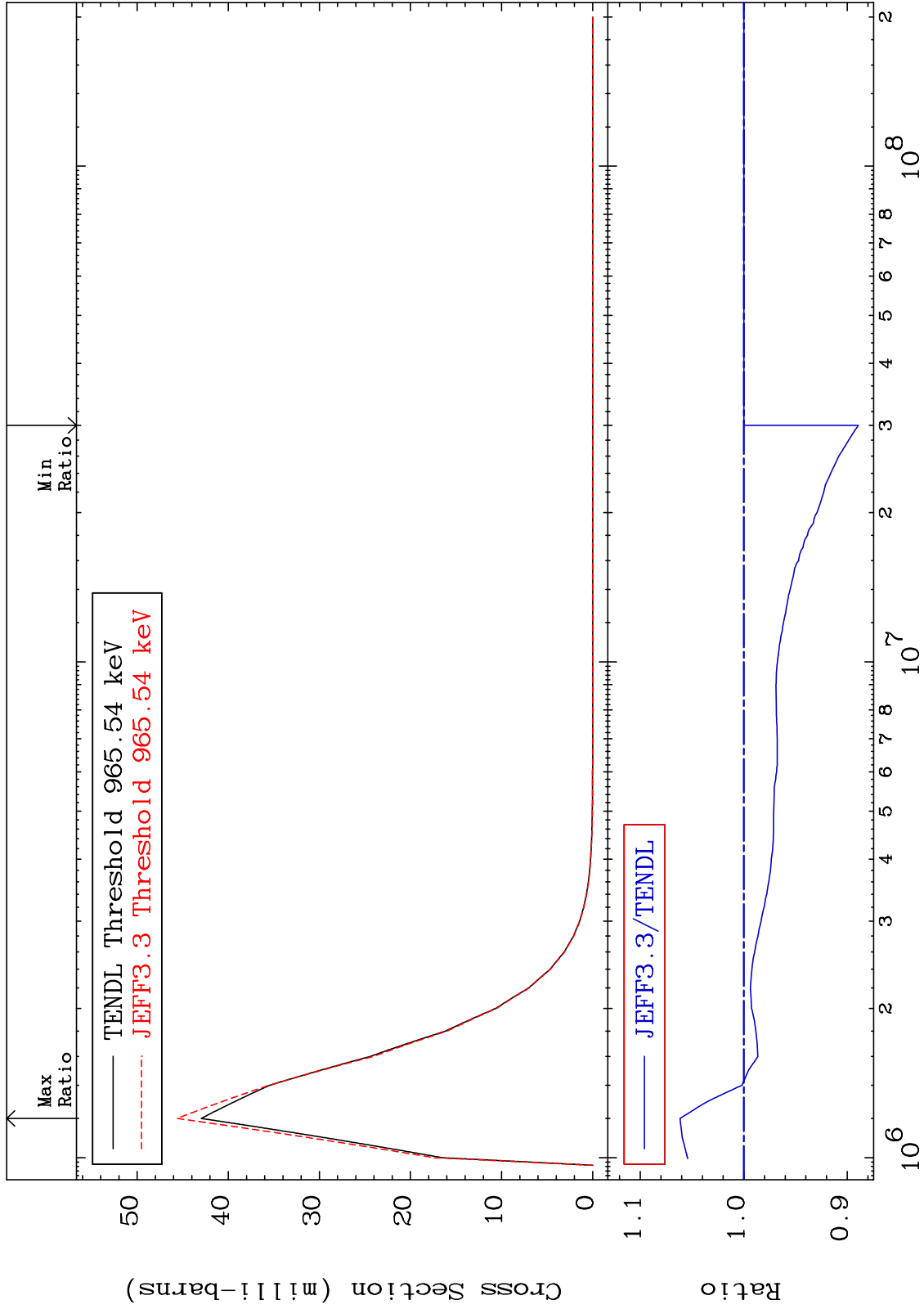
Incident Energy (eV)

71-Lu-175

MAT 7125

MT= 78 (n,n') Level
Cross Section

71-Lu-175
-11.08 To 6.165 %



Incident Energy (eV)

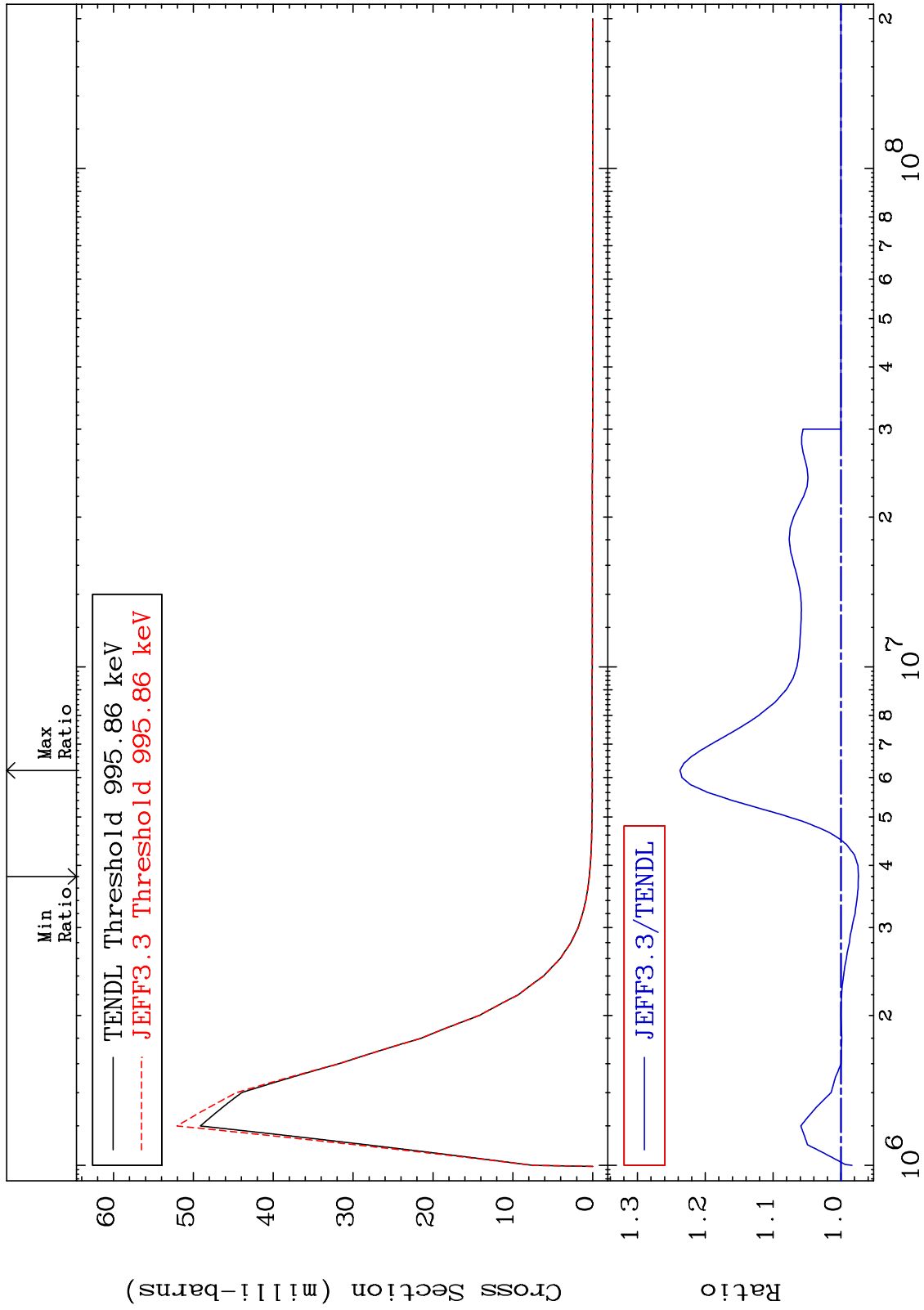
71-Lu-175

48

MAT 7125

MT= 79 (n,n') Level
Cross Section

71-Lu-175
-2.572 To 23.73 %



49

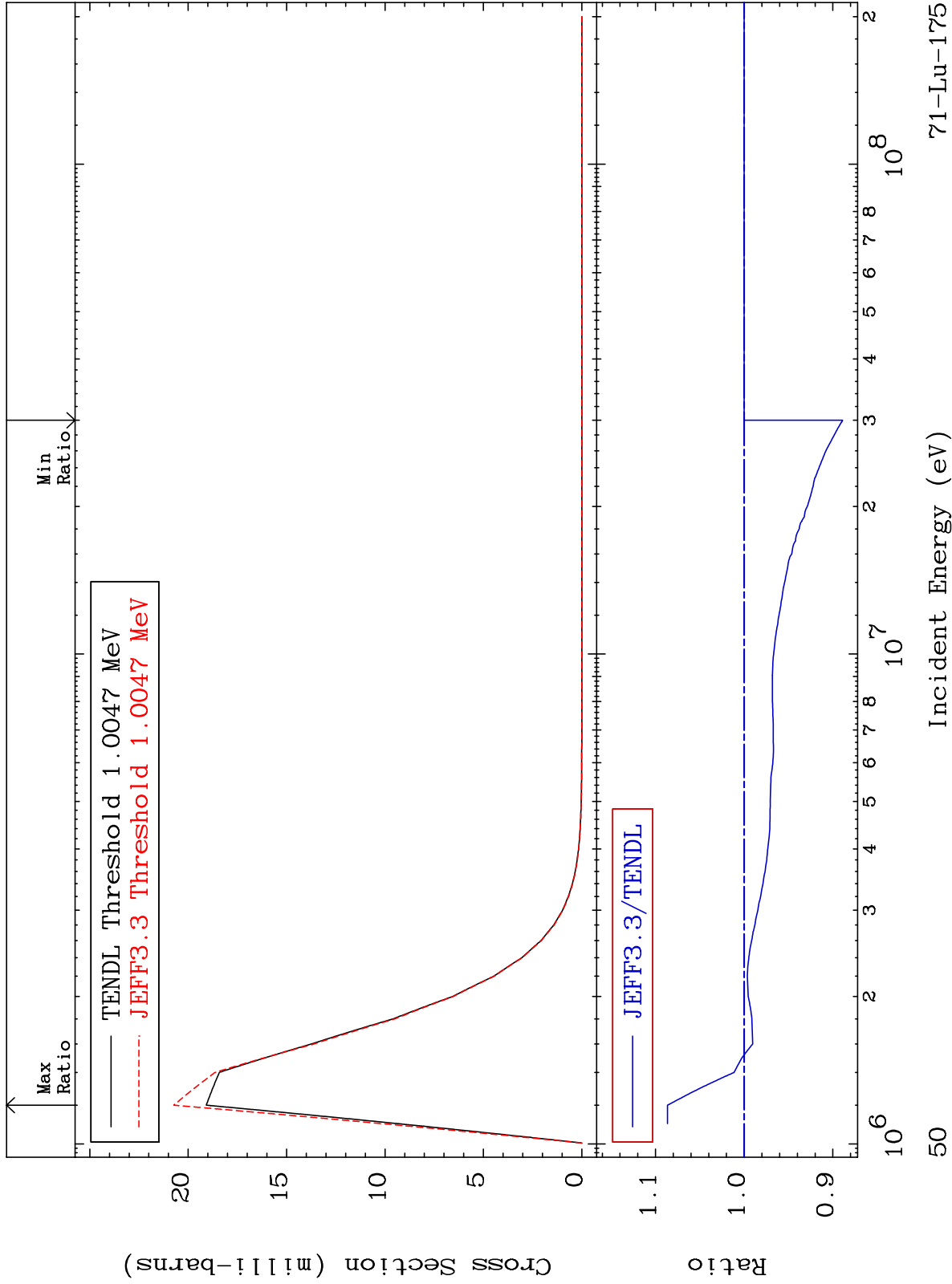
Incident Energy (eV)

71-Lu-175

MAT 7125

MT= 80 (n,n') Level
Cross Section

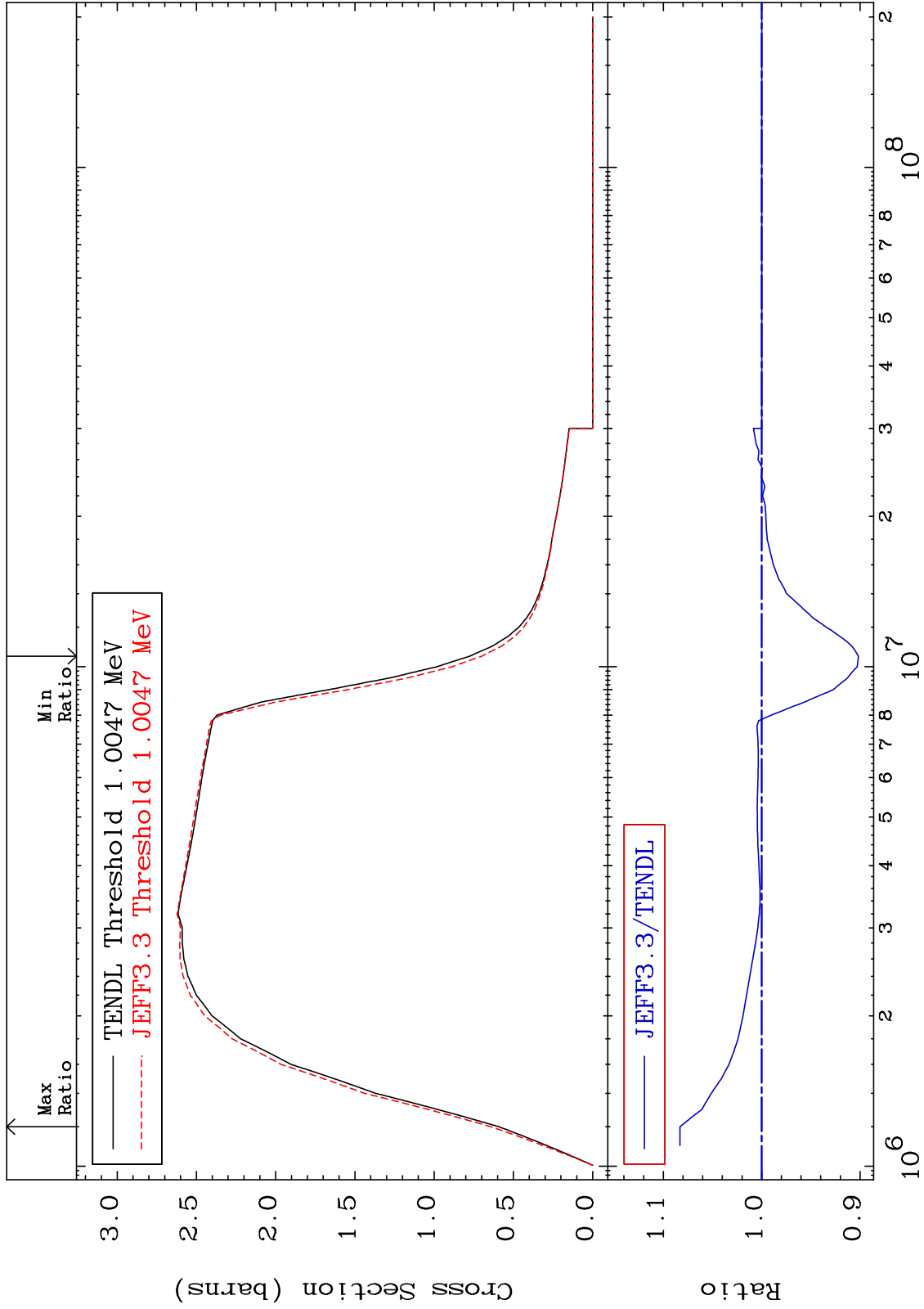
71-Lu-175
-11.10 To 8.644 %



MAT 7125

(n, n') Continuum
Cross Section

71-Lu-175
-9.832 To 8.304 %



51

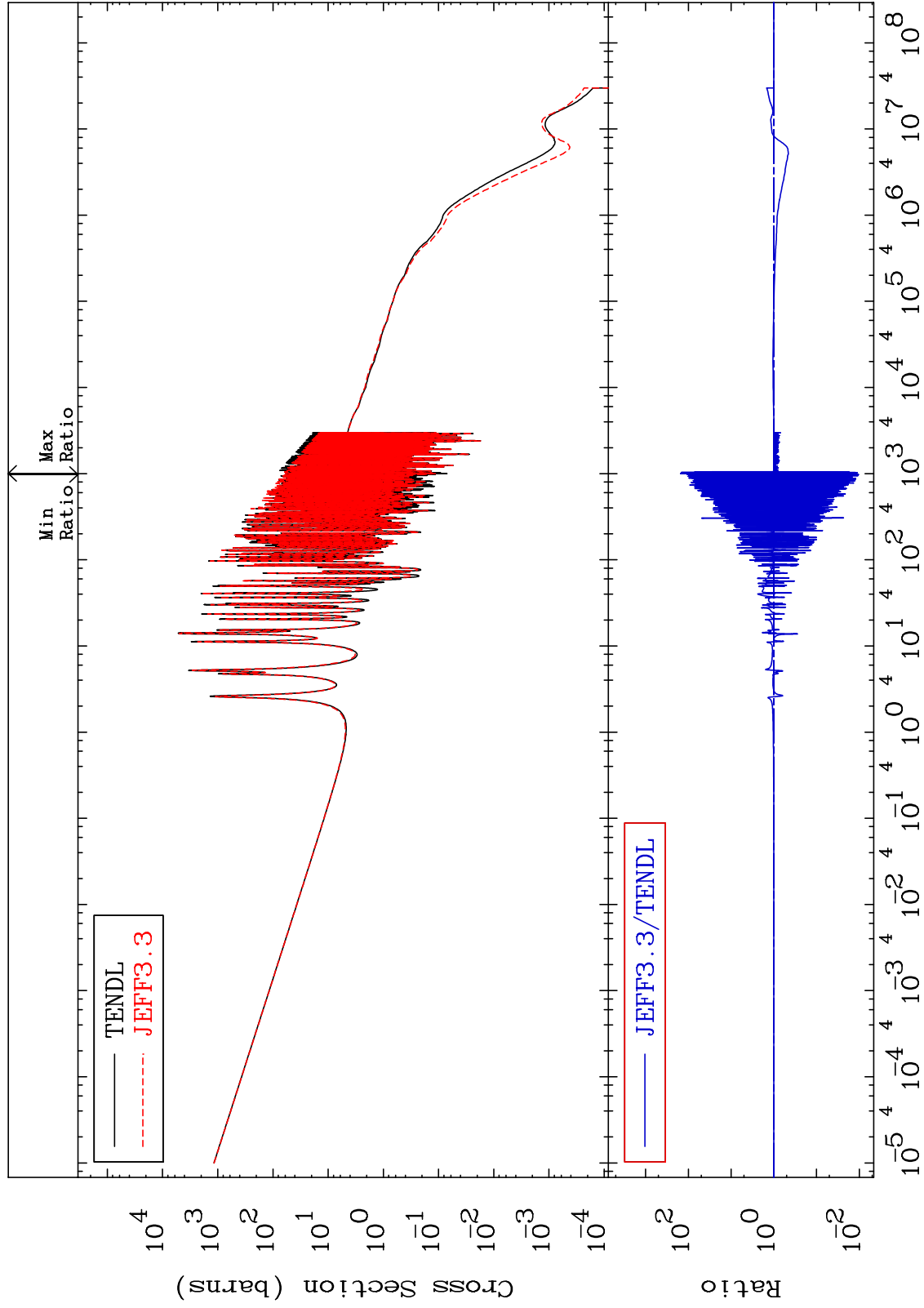
Incident Energy (eV)

71-Lu-175

MAT 7125

(n, γ)
Cross Section

71-Lu-175
-98.96 To 9999. %



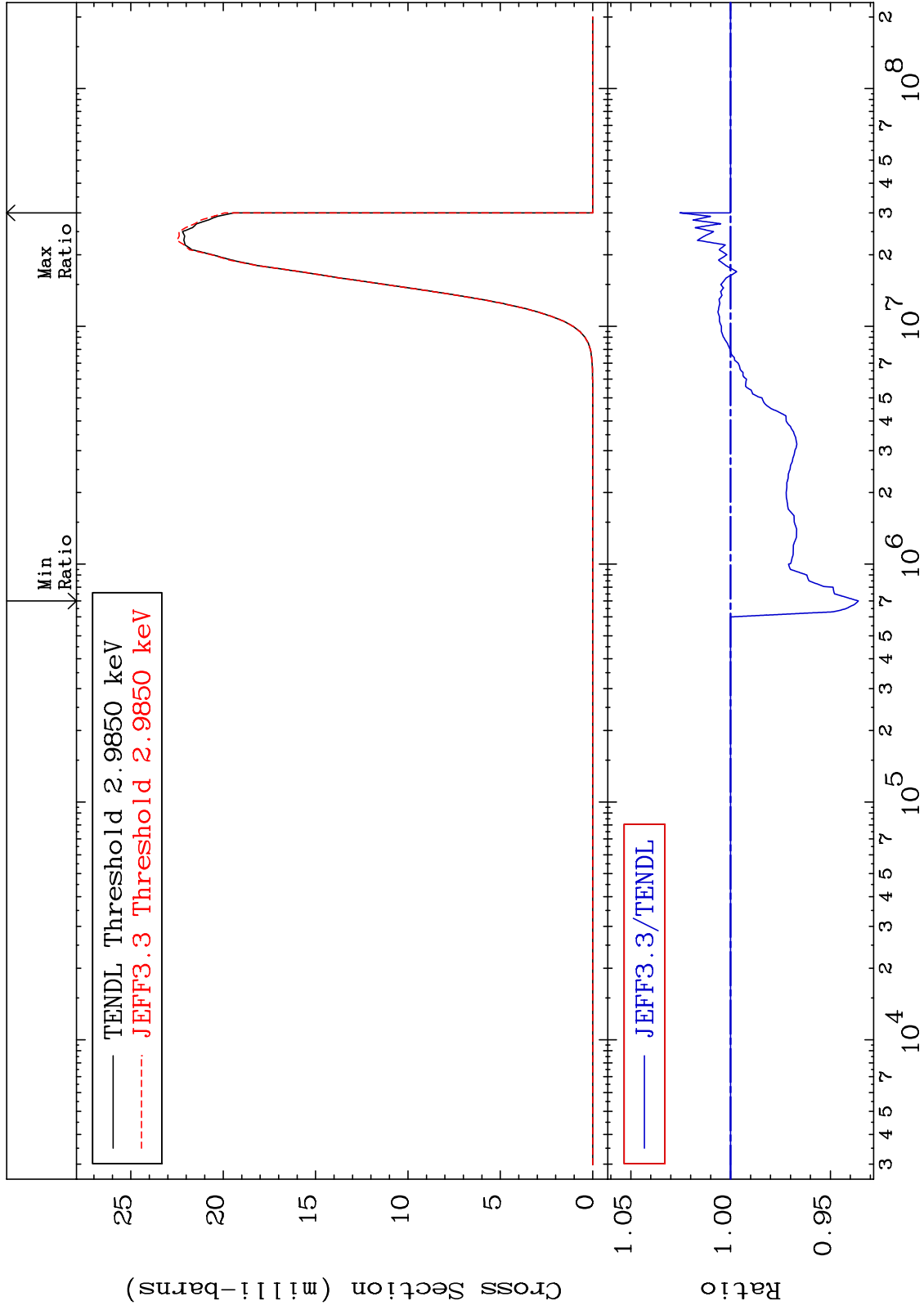
MAT 7125

(n, p)

71-Lu-175

Cross Section

-6.405 To 2.536 %



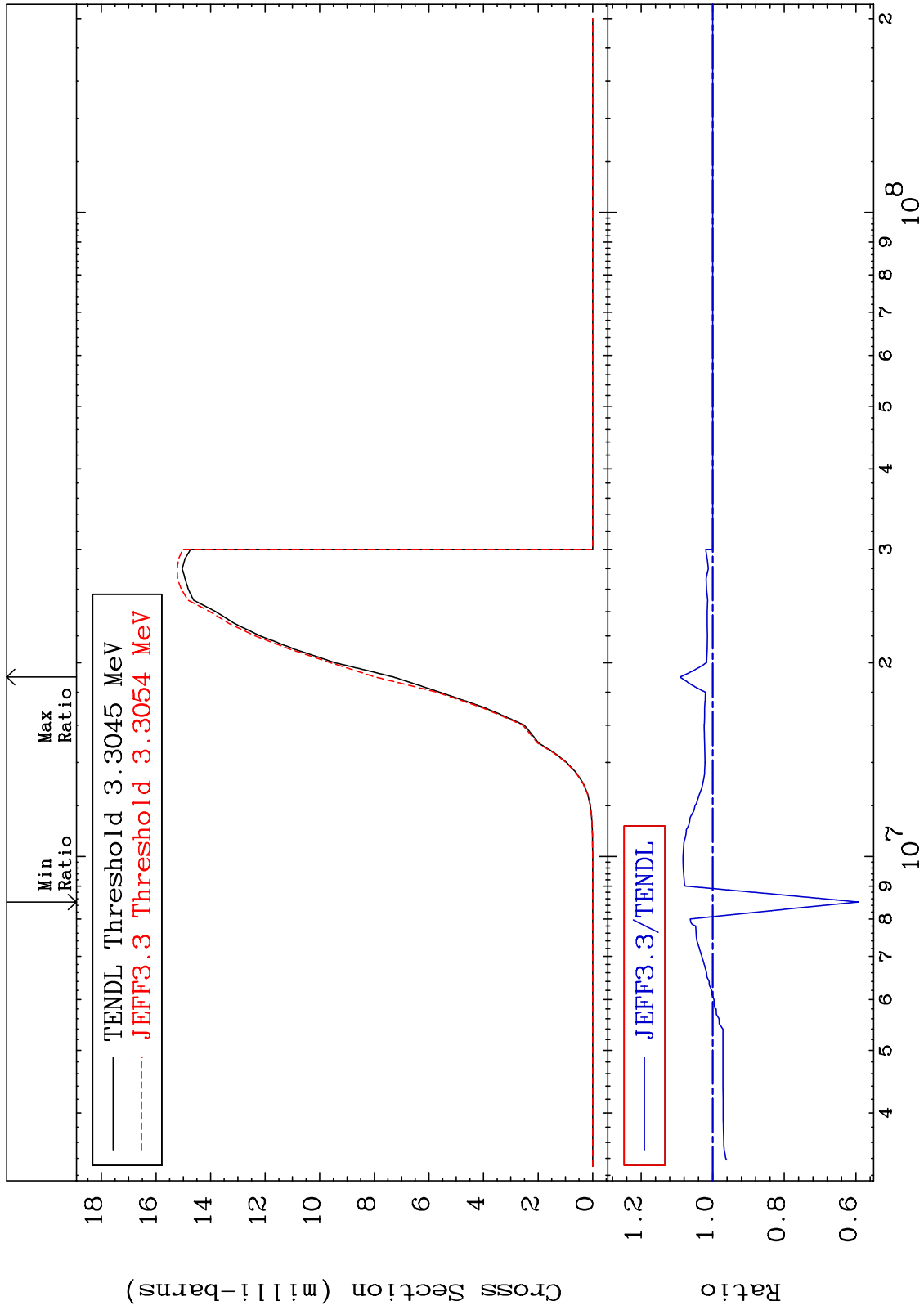
MAT 7125

(n, d)

71-Lu-175

Cross Section

-40.70 To 9.140 %



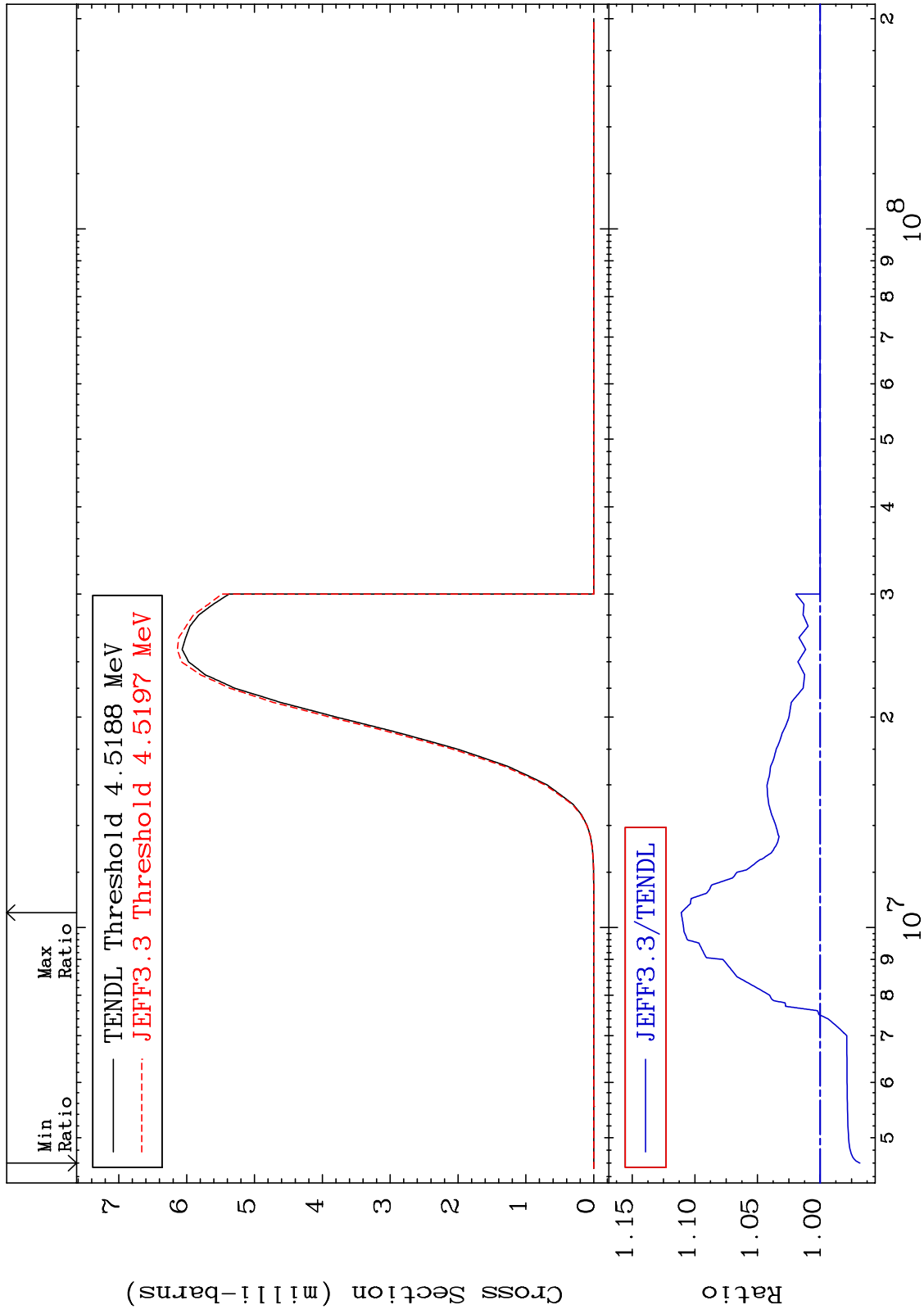
MAT 7125

(n, t)

71-Lu-175

Cross Section

-3.174 To 11.09 %



55

Incident Energy (eV)

71-Lu-175

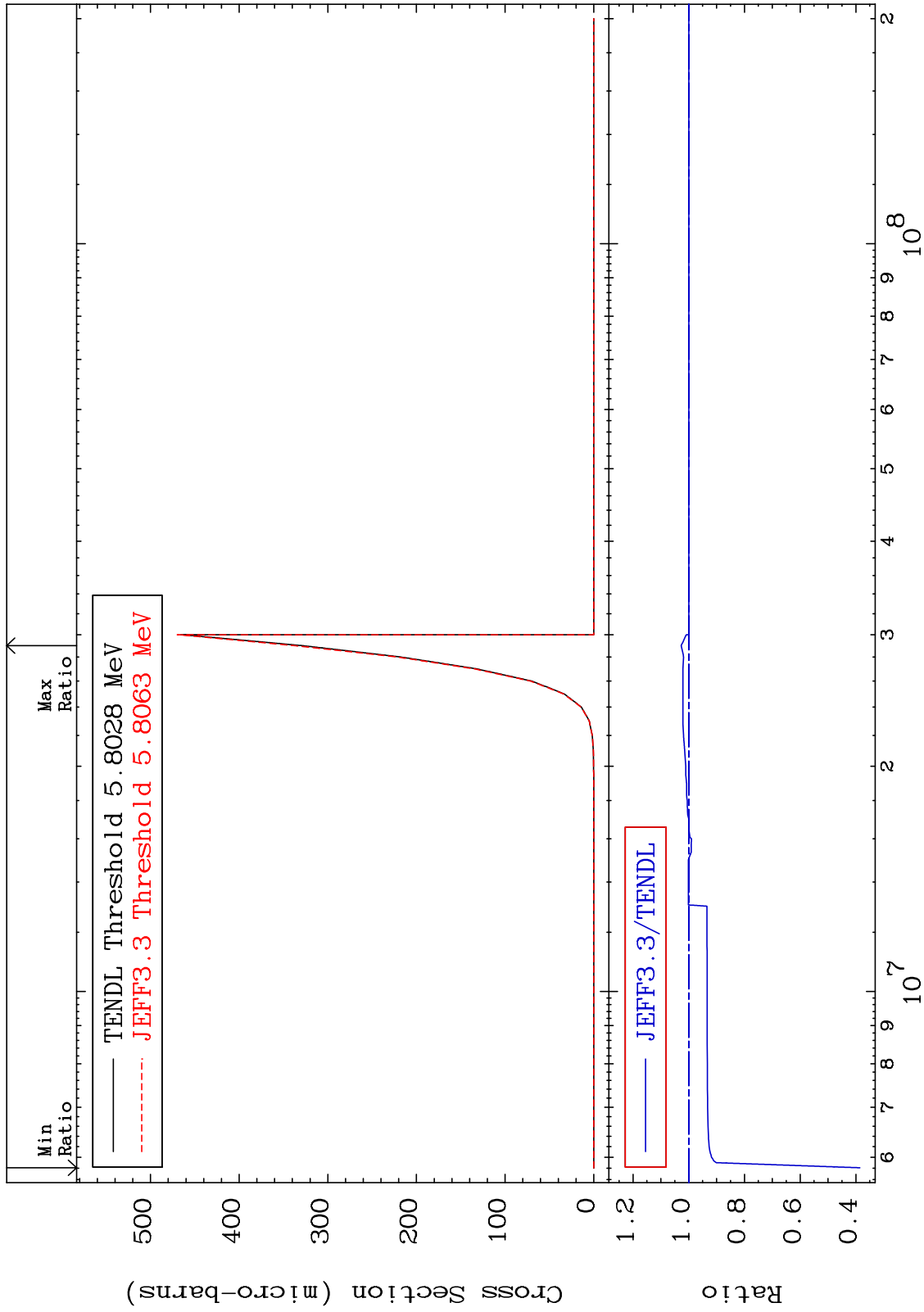
MAT 7125

(n, He-3)

71-Lu-175

Cross Section

-61.45 To 2.700 %



56

Incident Energy (eV)

71-Lu-175

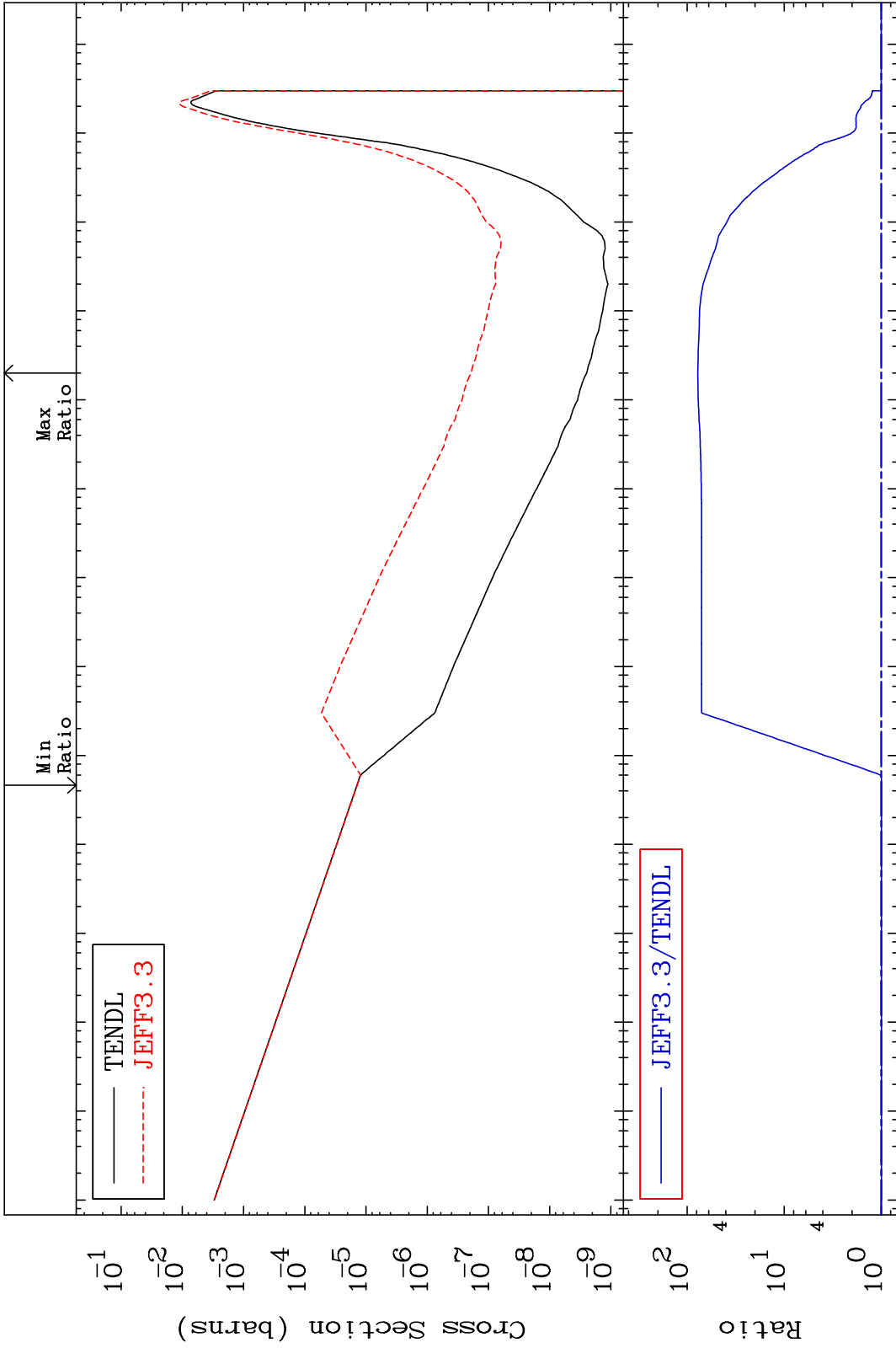
MAT 7125

(n, α)

71-Lu-175

Cross Section

-0.574 To 7659. %



Ratio

Incident Energy (eV)

71-Lu-175

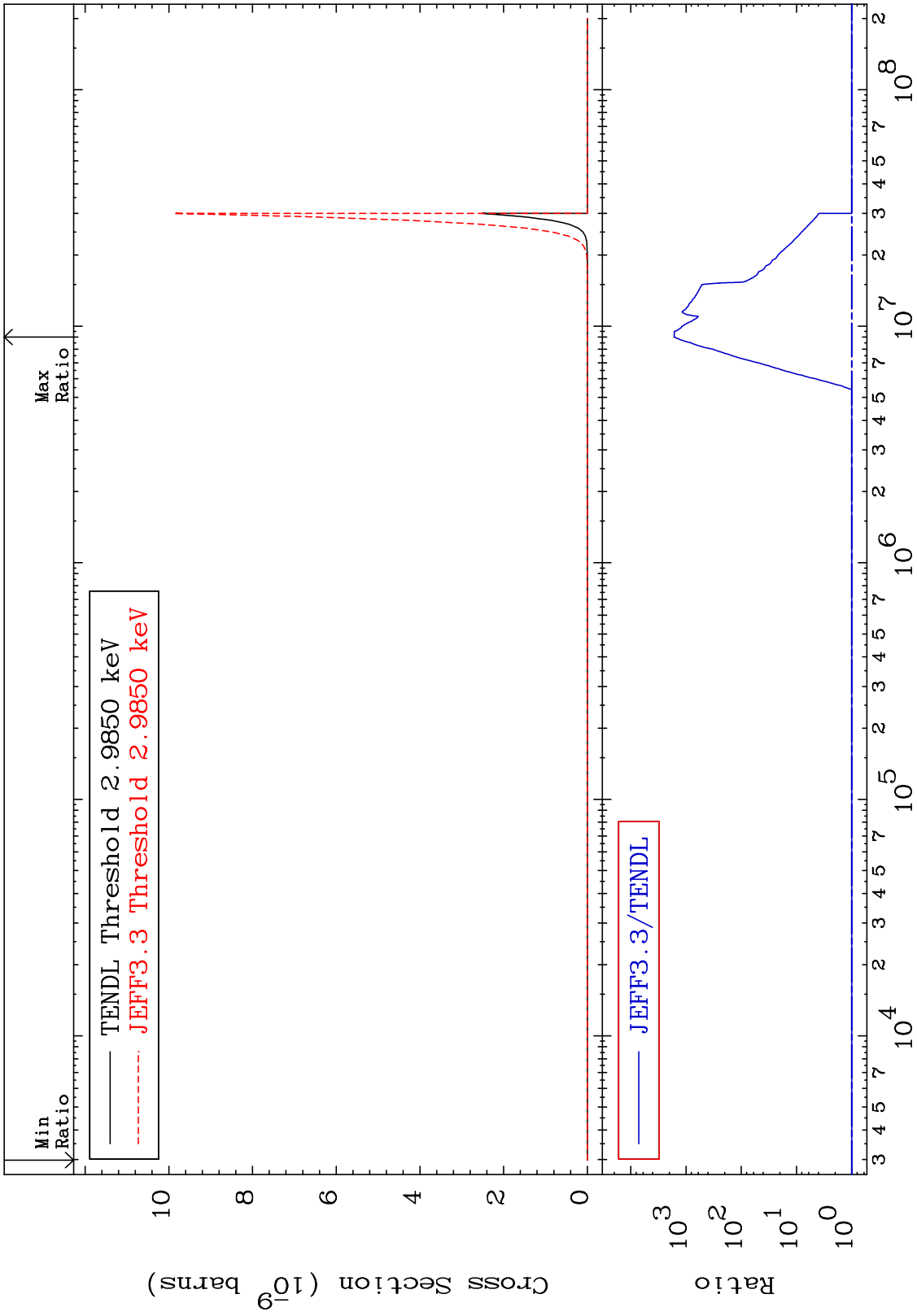
MAT 7125

(n, 2α)

71-Lu-175

Cross Section

0.000 To 9999. %



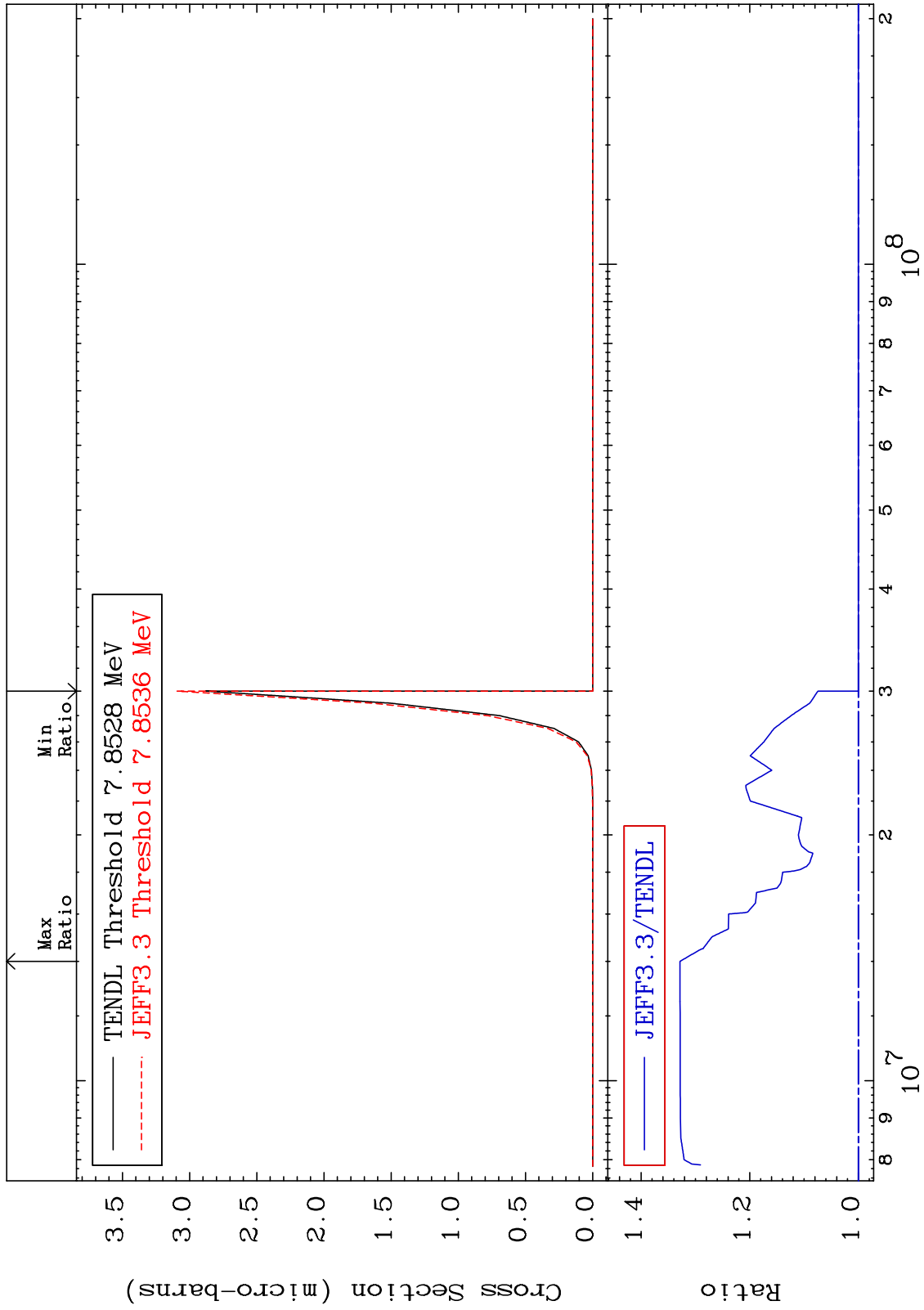
MAT 7125

(n,2p)

71-Lu-175

Cross Section

0.000 To 32.85 %



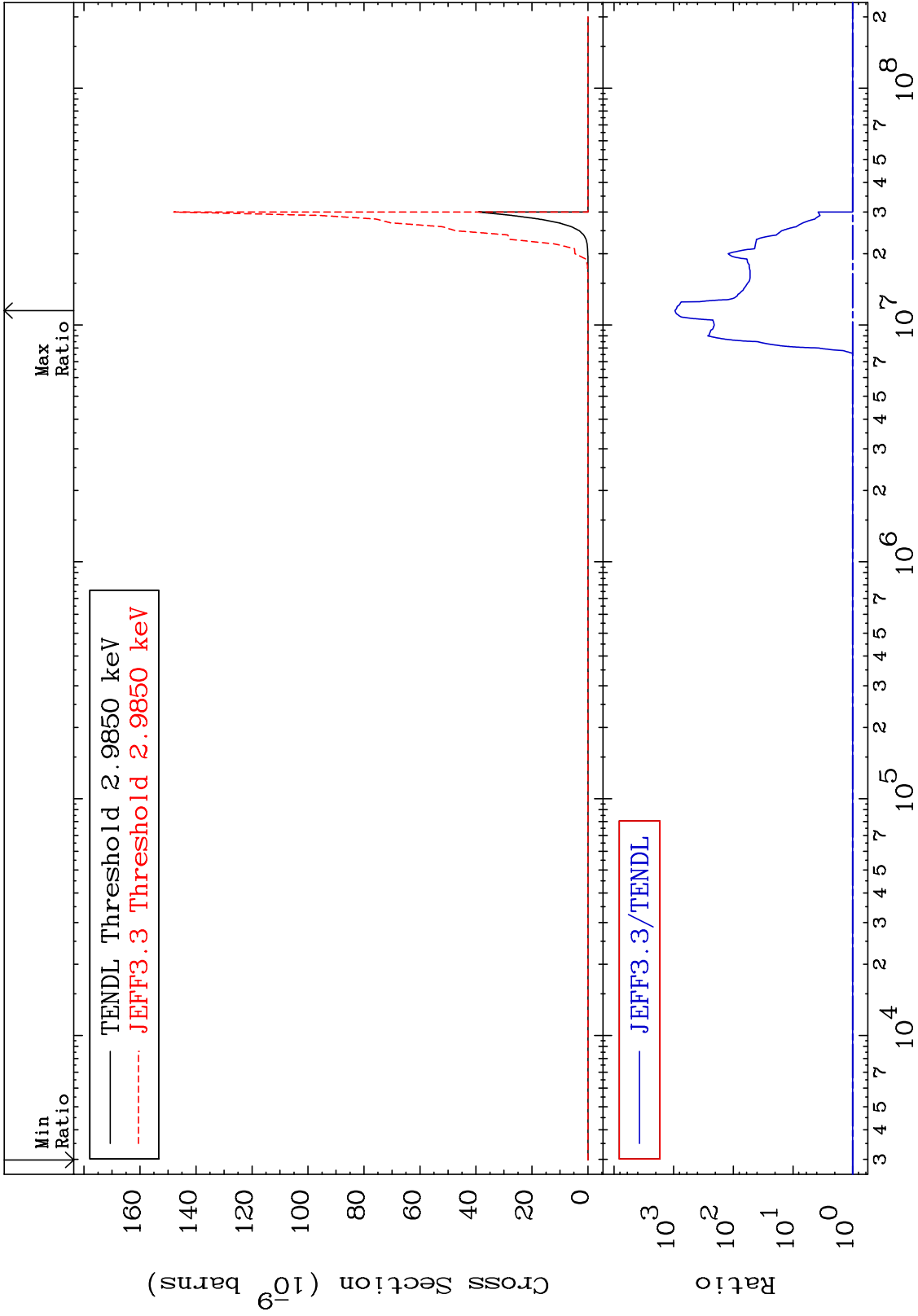
MAT 7125

(n,p) α

71-Lu-175

Cross Section

0.000 To 9999. %



60

Incident Energy (eV)

71-Lu-175

MAT 7125

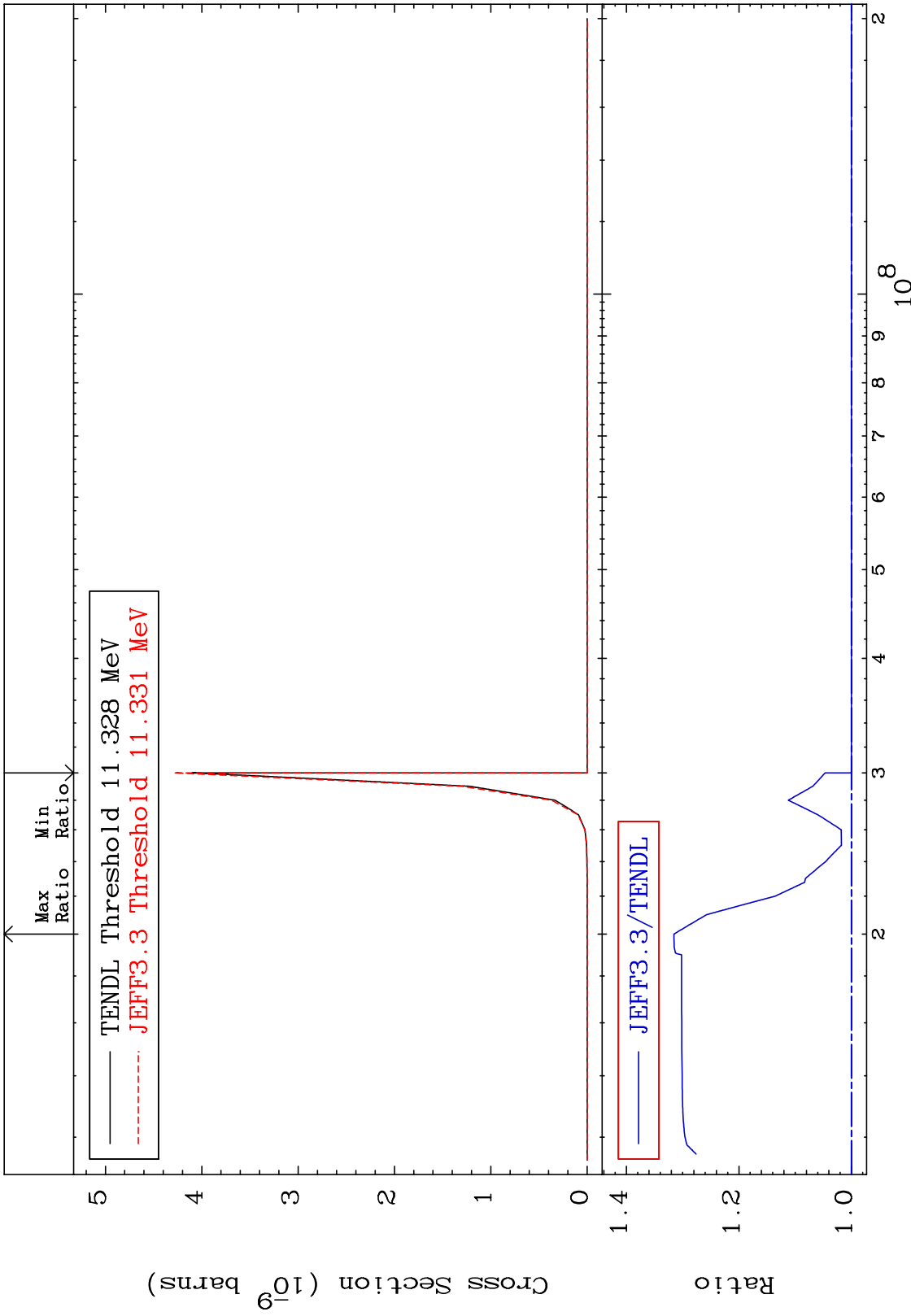
(n,p) d

71-Lu-175

Cross Section

0.000

To 31.54 %



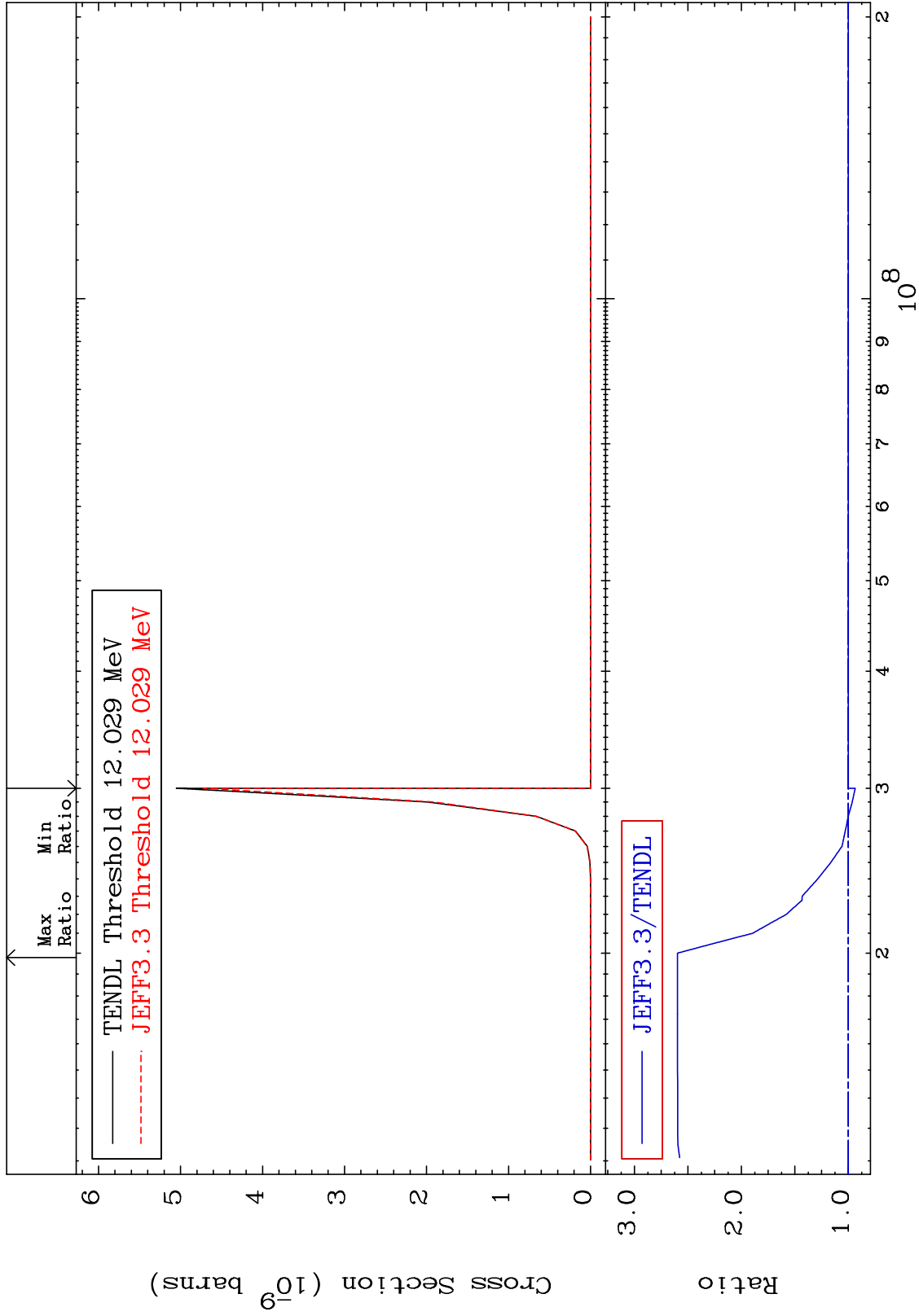
MAT 7125

(n,p) t

⁷¹Lu-175

Cross Section

-6.503 To 159.8 %



62

Incident Energy (eV)

⁷¹Lu-175

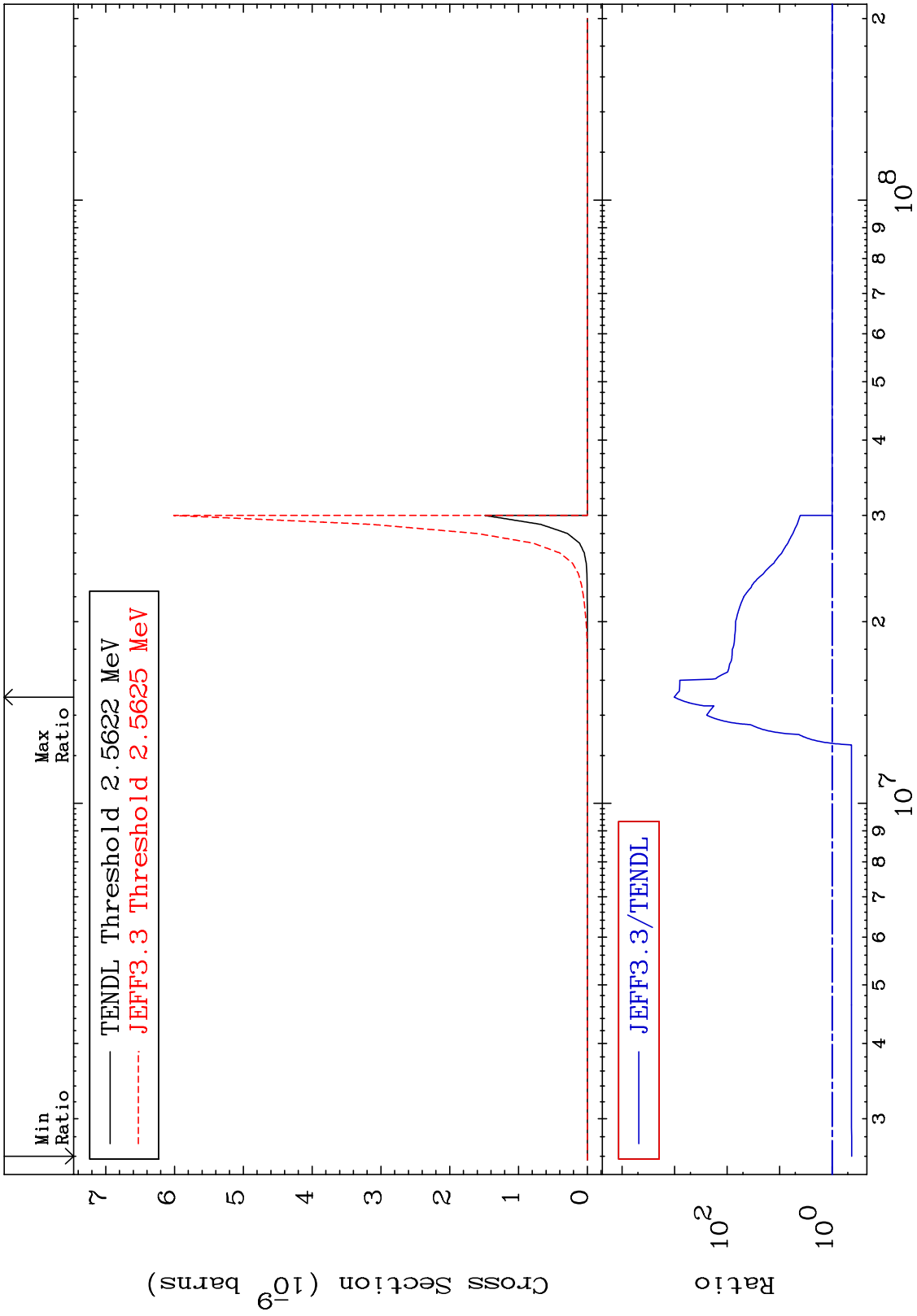
MAT 7125

(n,d) α

71-Lu-175

-57.79 To 9999. %

Cross Section



63

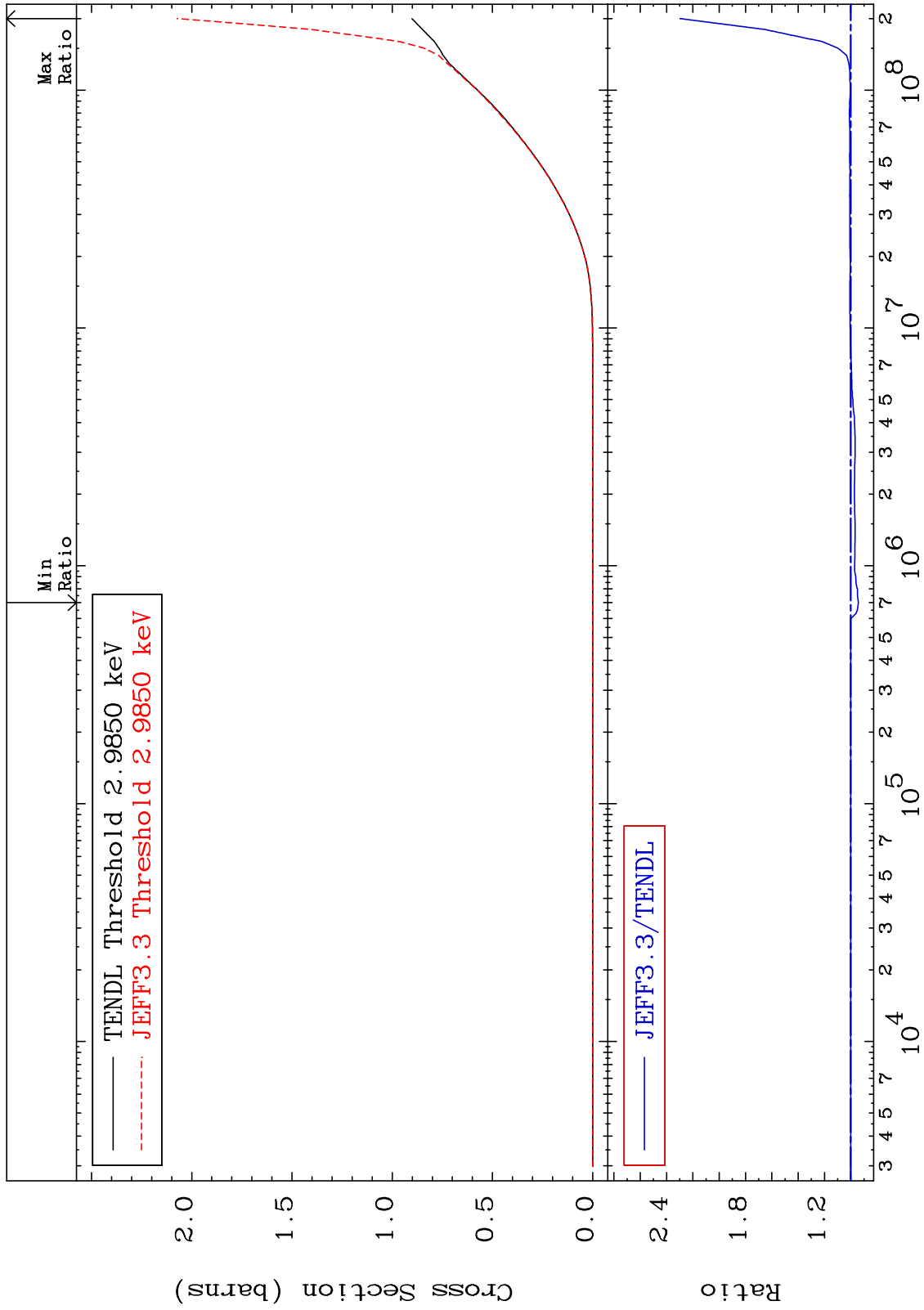
Incident Energy (eV)

71-Lu-175

MAT 7125

Hydrogen Production
Cross Section

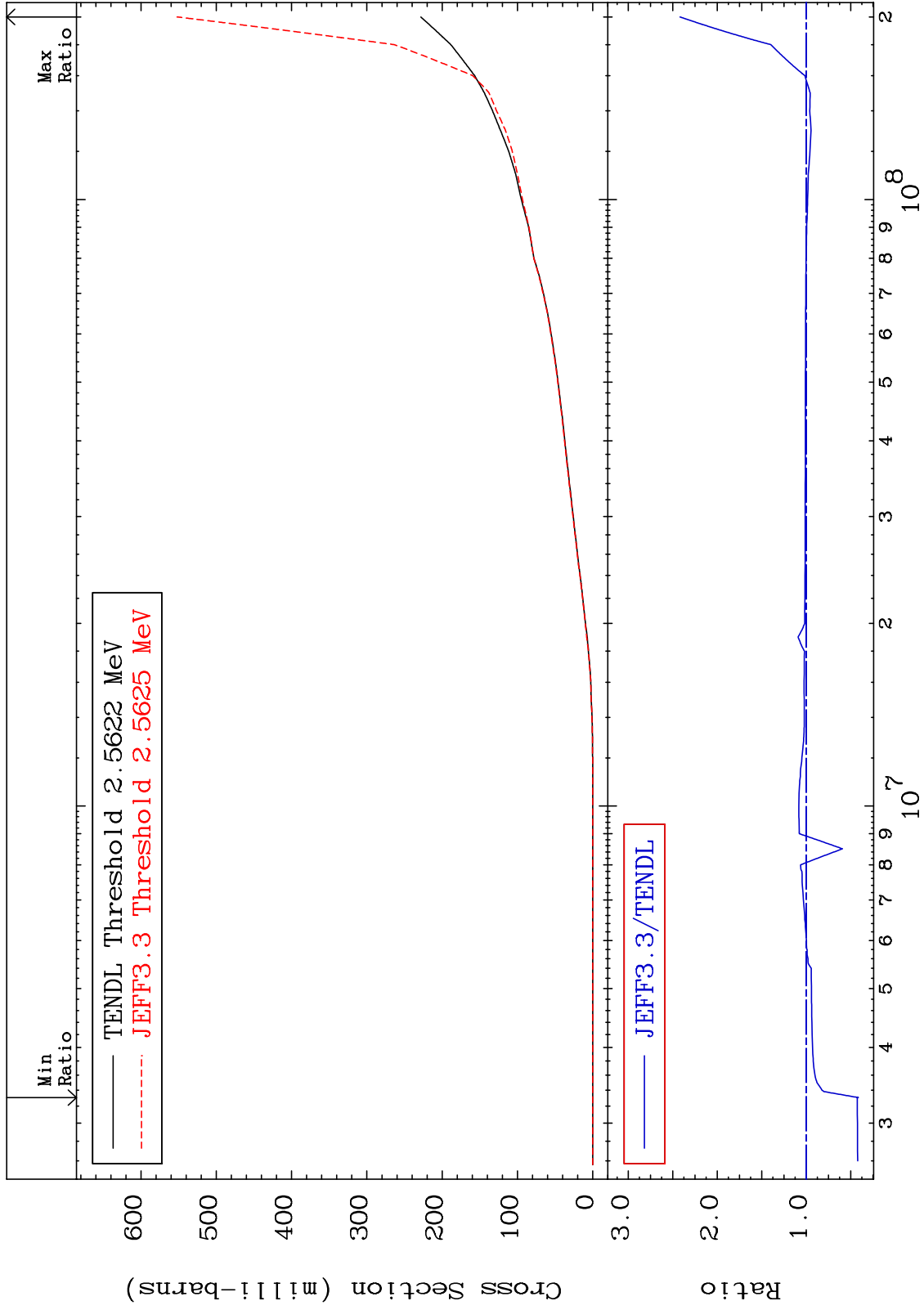
71-Lu-175
-5.781 To 129.8 %



MAT 7125

Deuterium Production
Cross Section

71-Lu-175
-58.64 To 141.8 %



65

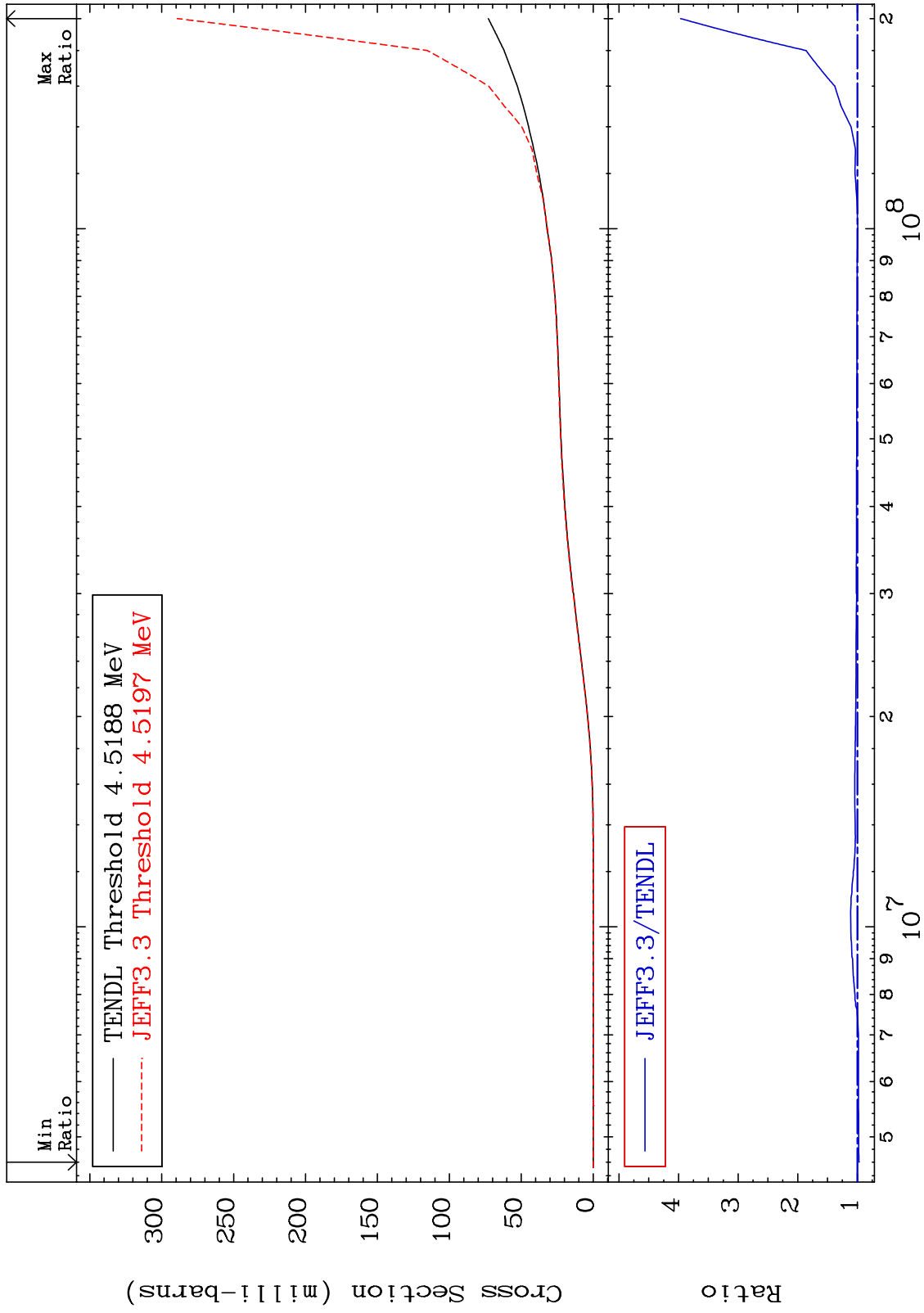
Incident Energy (eV)

71-Lu-175

MAT 7125

Tritium Production
Cross Section

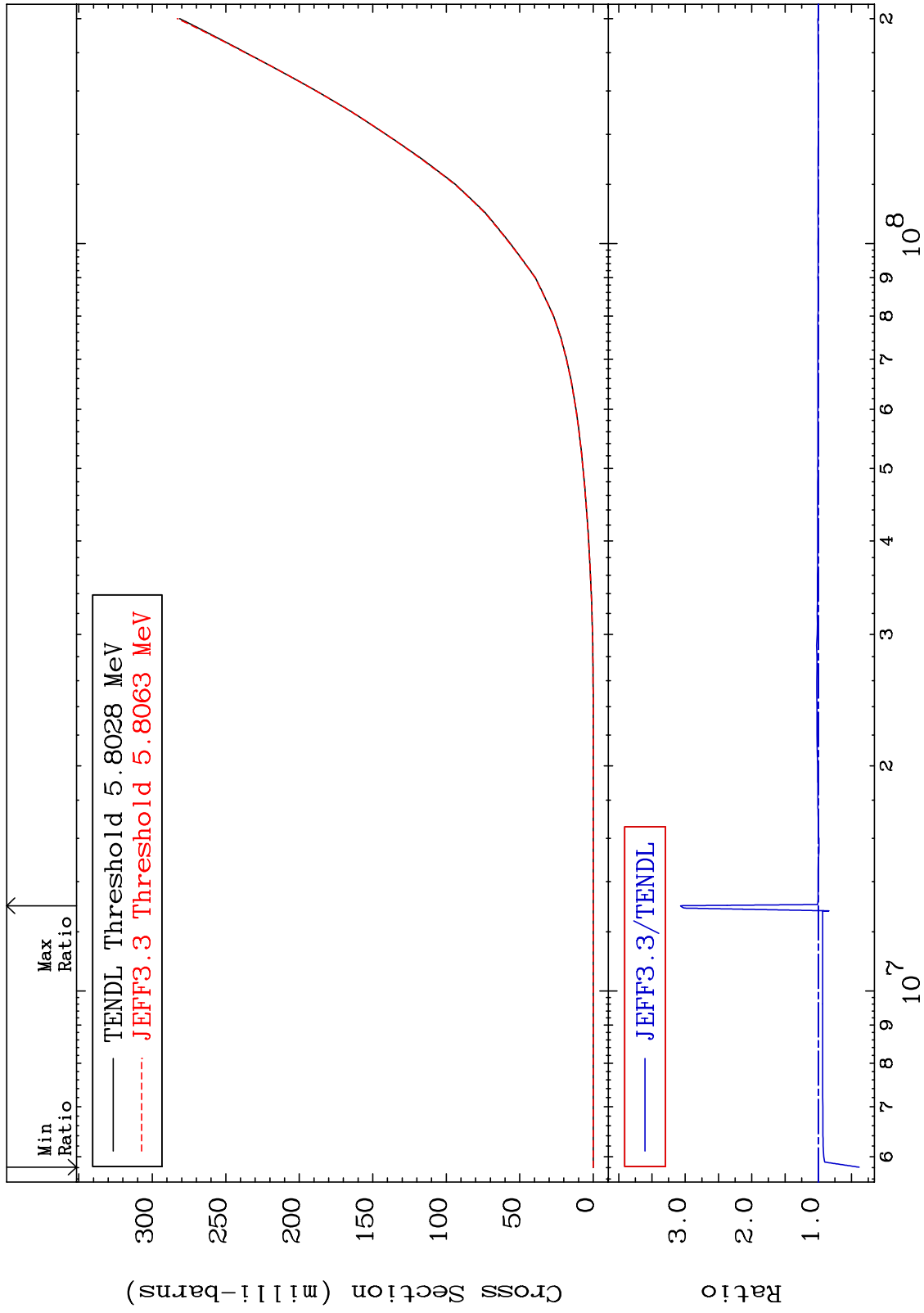
71-Lu-175
-3.174 To 296.5 %



MAT 7125

He-3 Production
Cross Section

71-Lu-175
-61.45 To 206.9 %



67

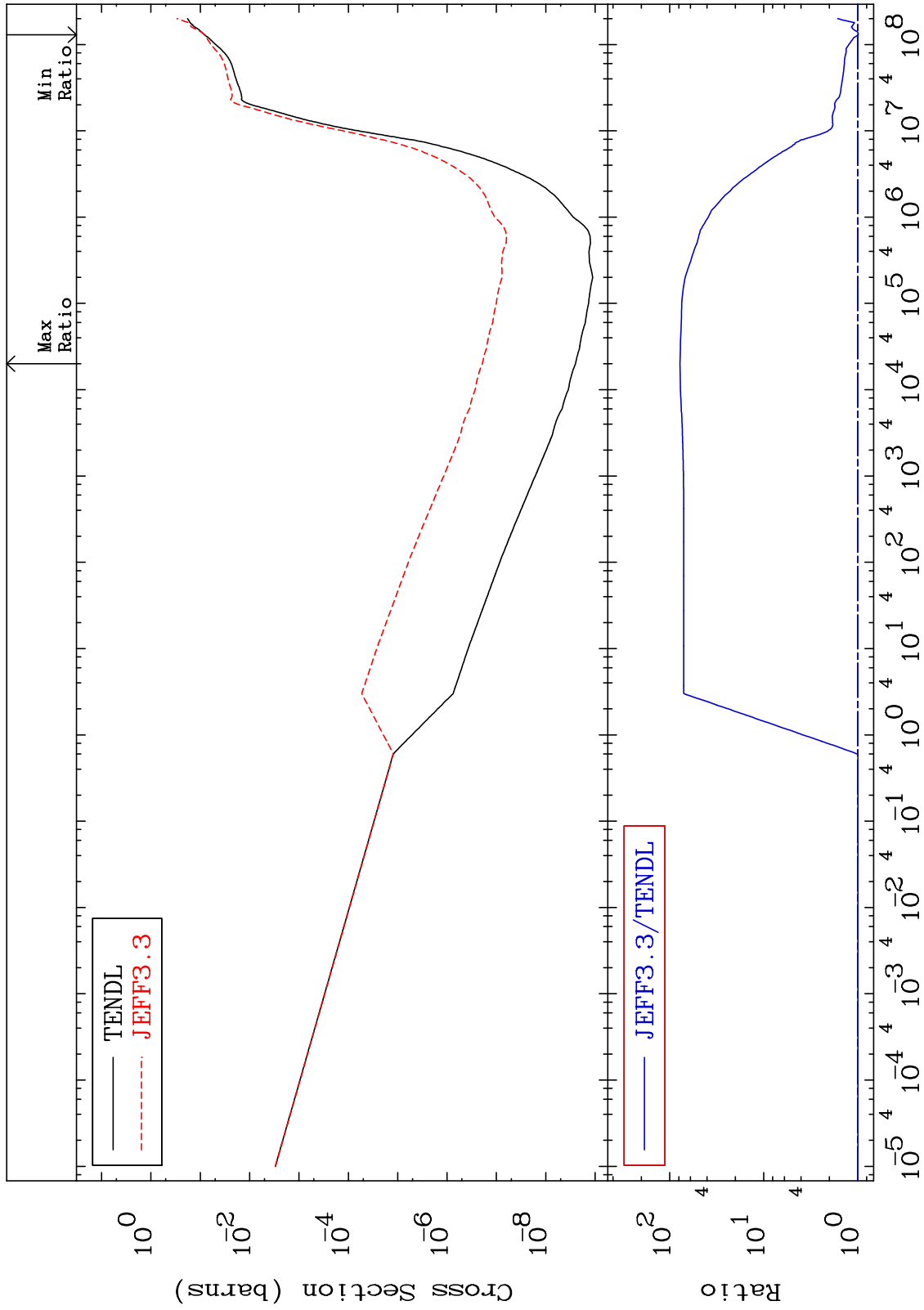
Incident Energy (eV)

71-Lu-175

MAT 7125

He-4 Production
Cross Section

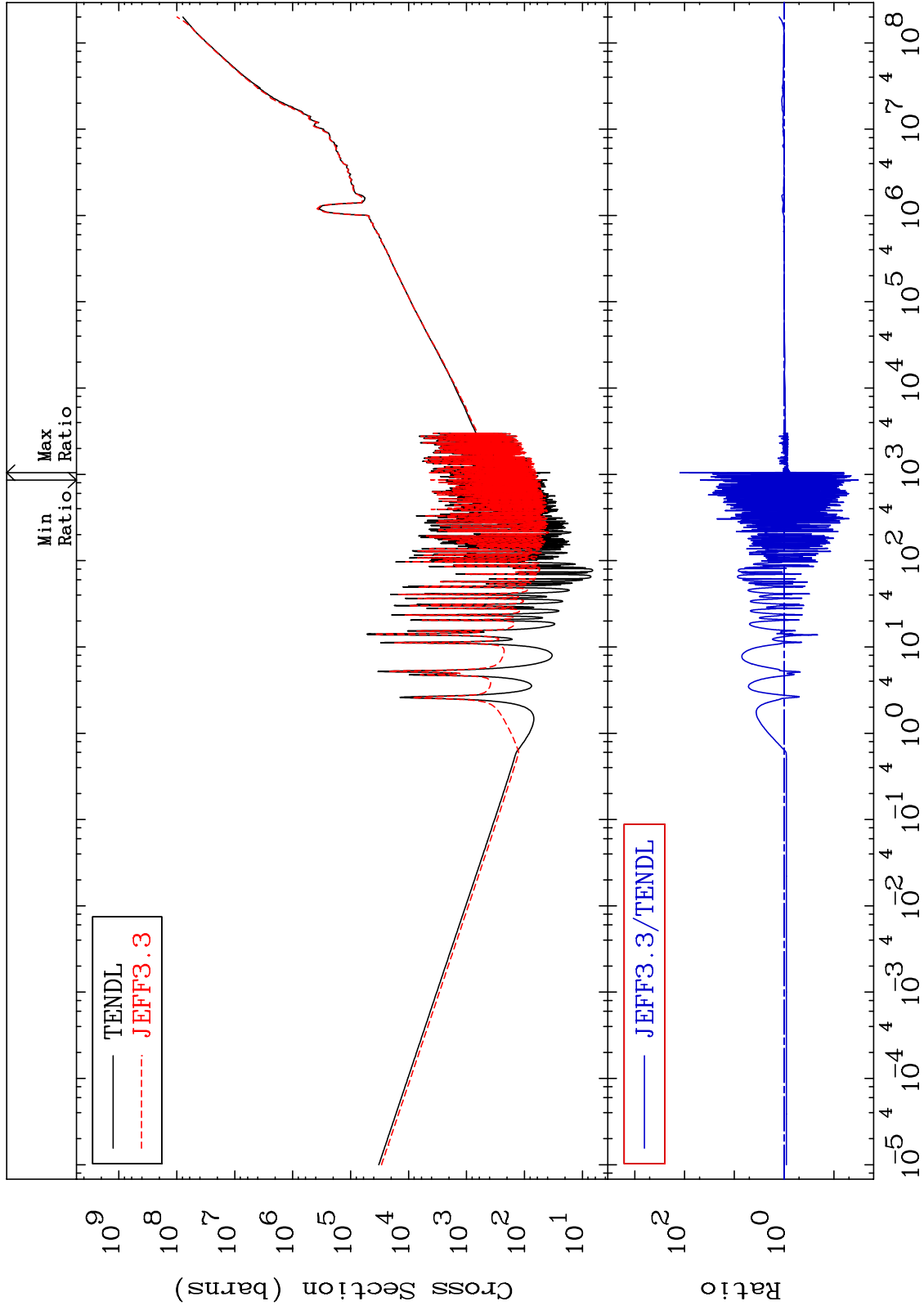
71-Lu-175
-1.907 To 7659. %



MAT 7125

Kerma total (eV-barns)
Cross Section

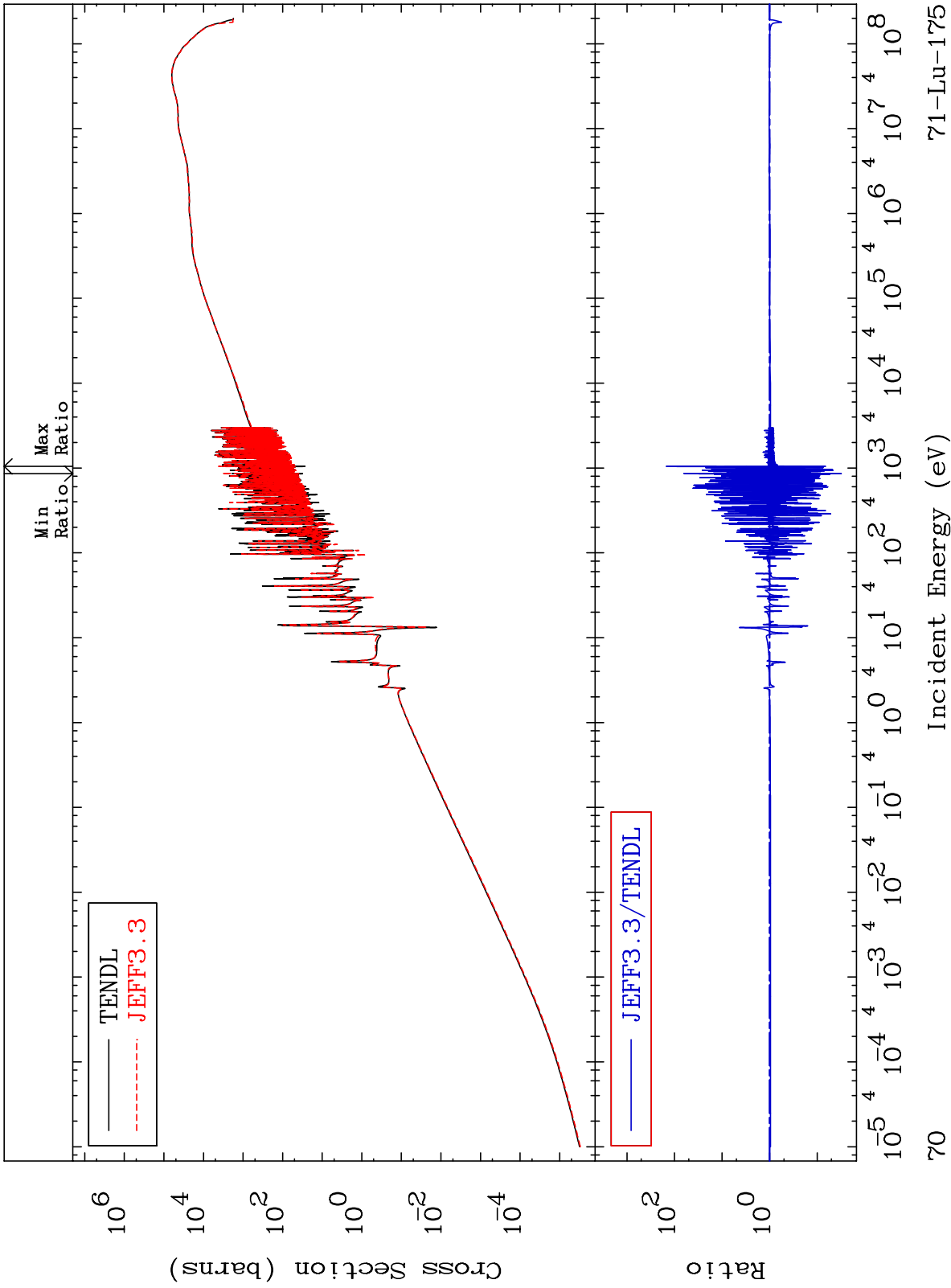
71-Lu-175
-96.77 To 9999. %



MAT 7125

Kerma elastic
Cross Section

71-Lu-175
-96.93 To 9999. %



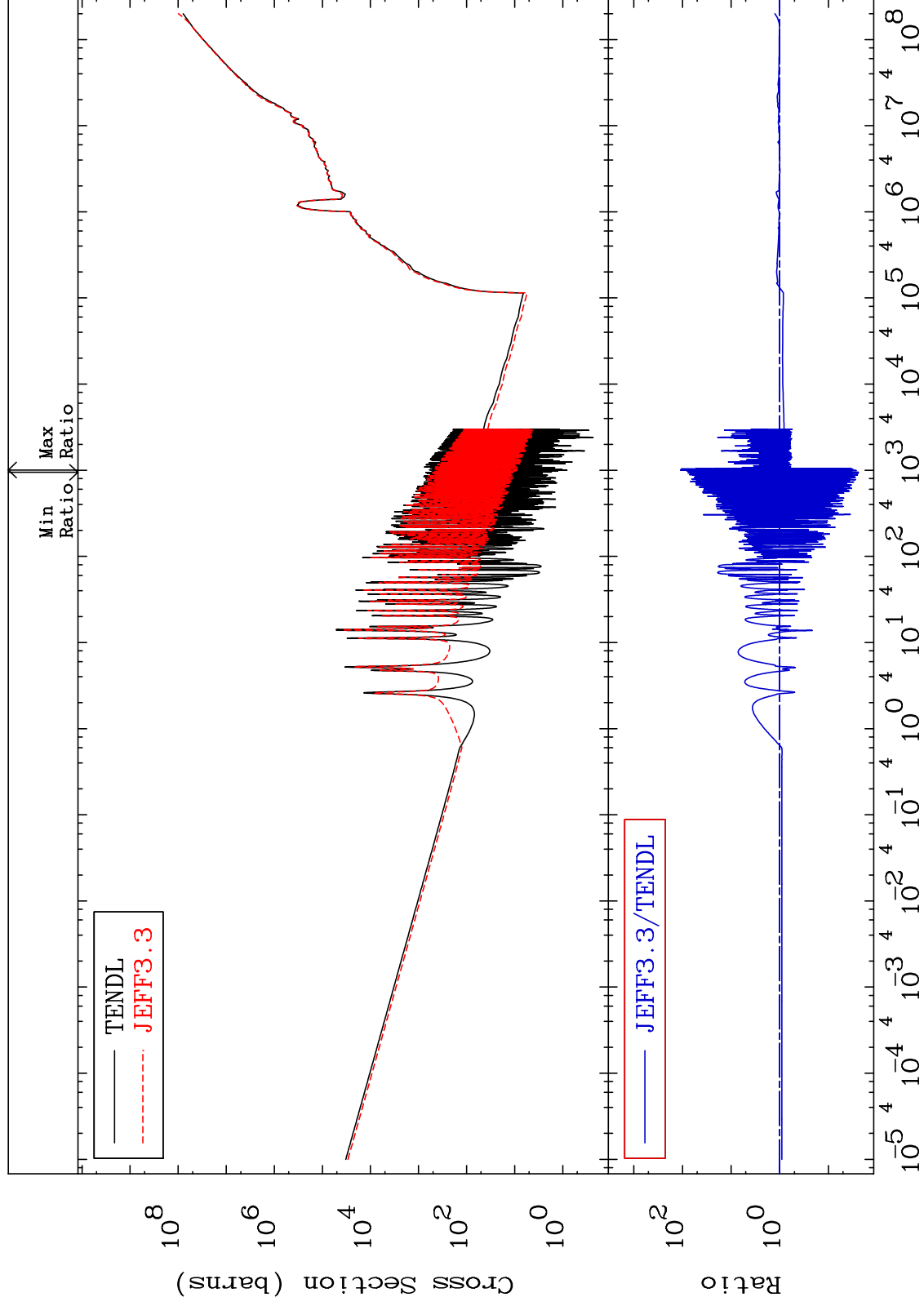
70

71-Lu-175

MAT 7125

Kerma non-elastic (all but mt2)
Cross Section

71-Lu-175
-97.60 To 9999. %



71

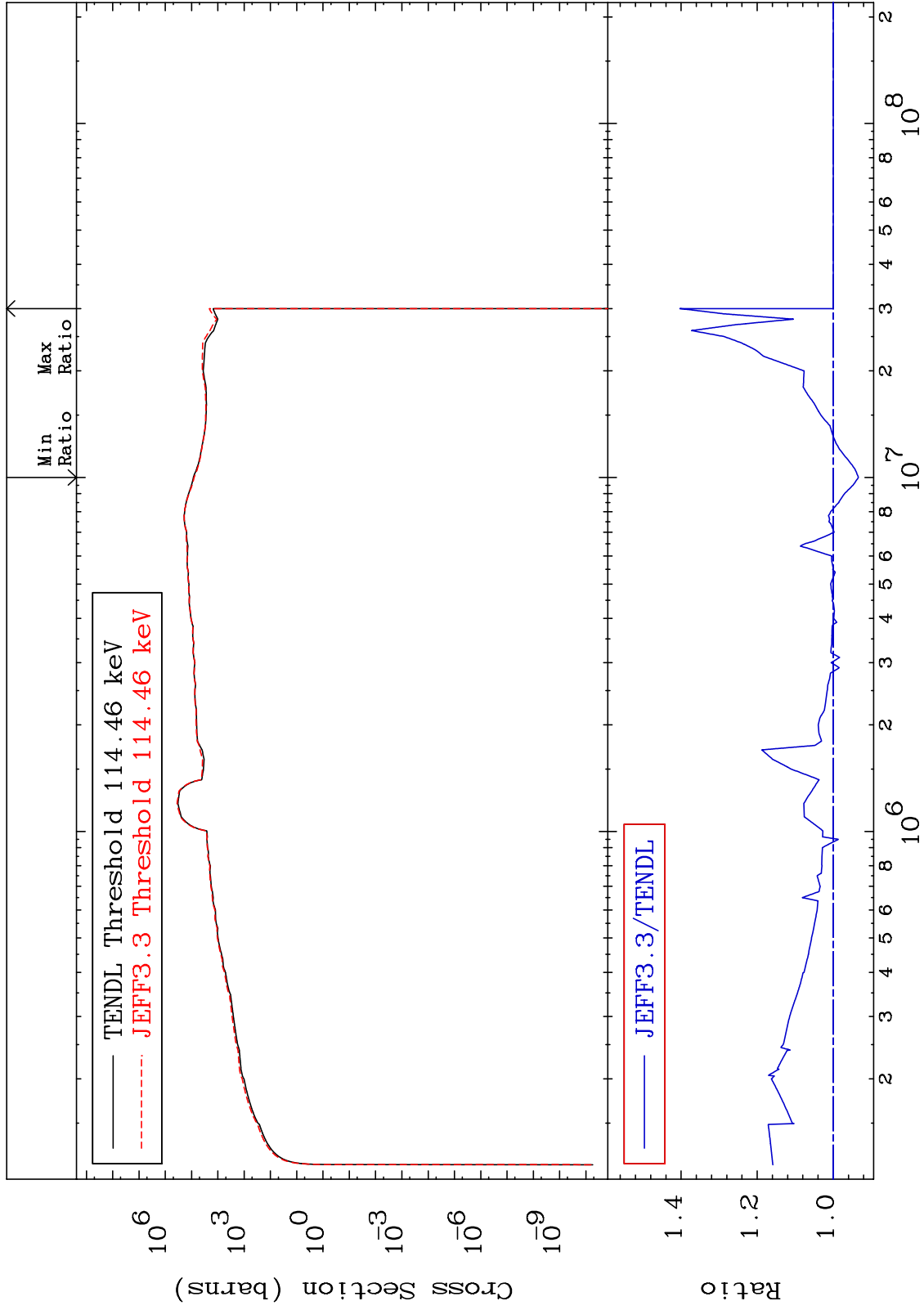
Incident Energy (eV)

71-Lu-175

MAT 7125

Kerma inelastic (mt51-91)
Cross Section

71-Lu-175
-6.615 To 40.29 %



72

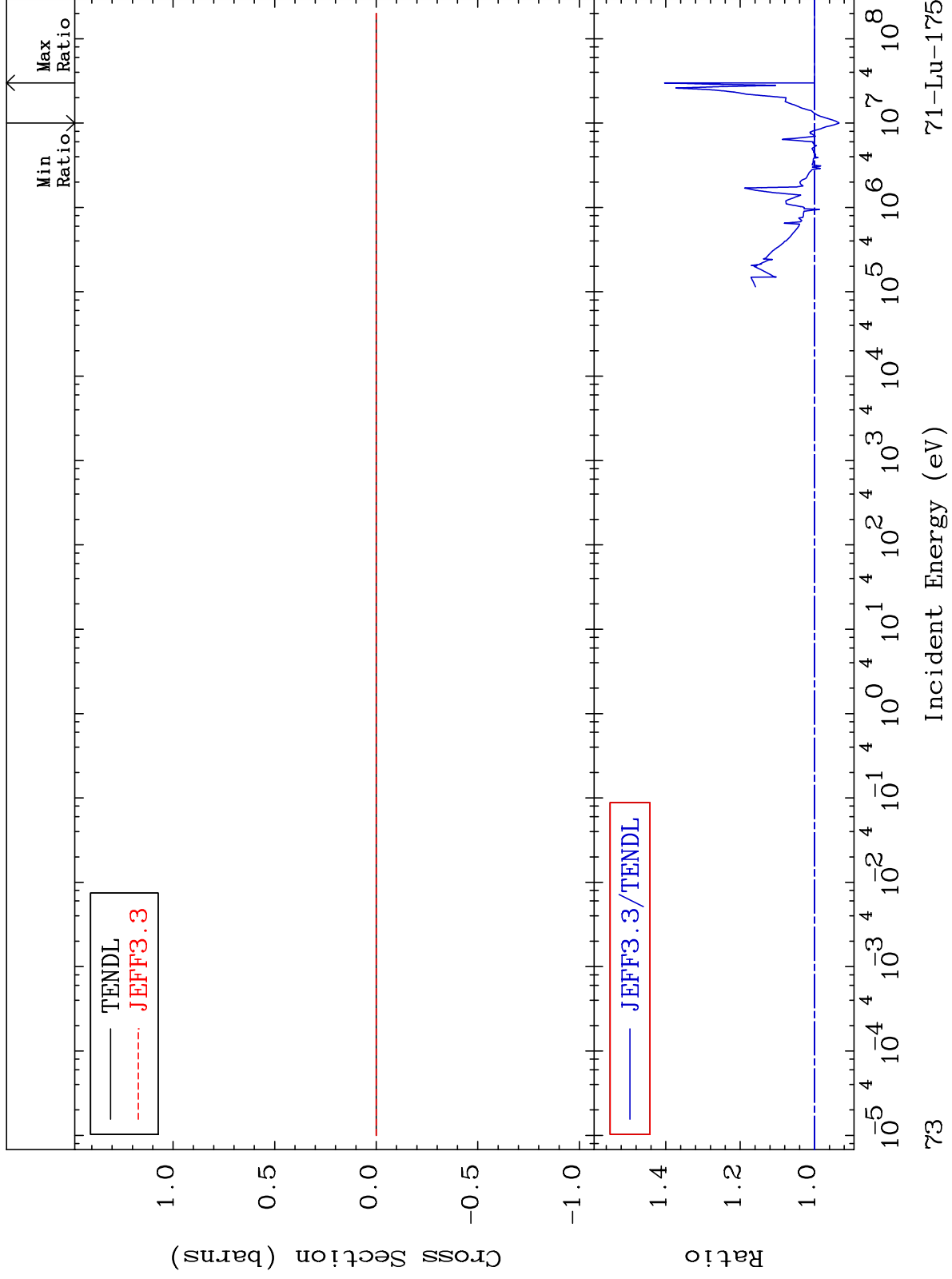
Incident Energy (eV)

71-Lu-175

MAT 7125

Kerma fission (mt18 or mt19-20-21-38)
Cross Section

71-Lu-175
-6.615 To 40.29 %



73

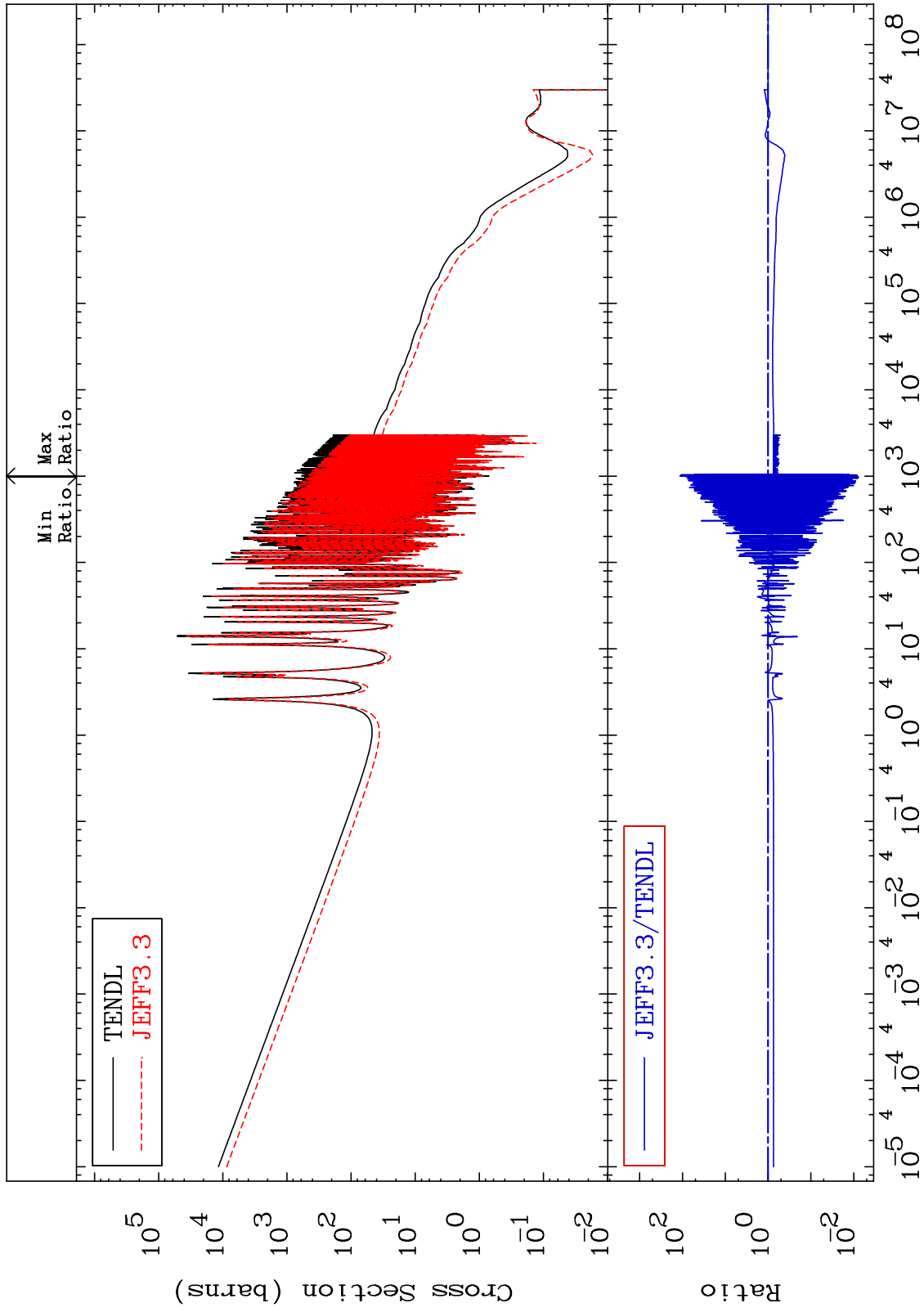
Incident Energy (eV)

71-Lu-175

MAT 7125

Kerma capture (mt102)
Cross Section

71-Lu-175
-99.22 To 9999. %



74

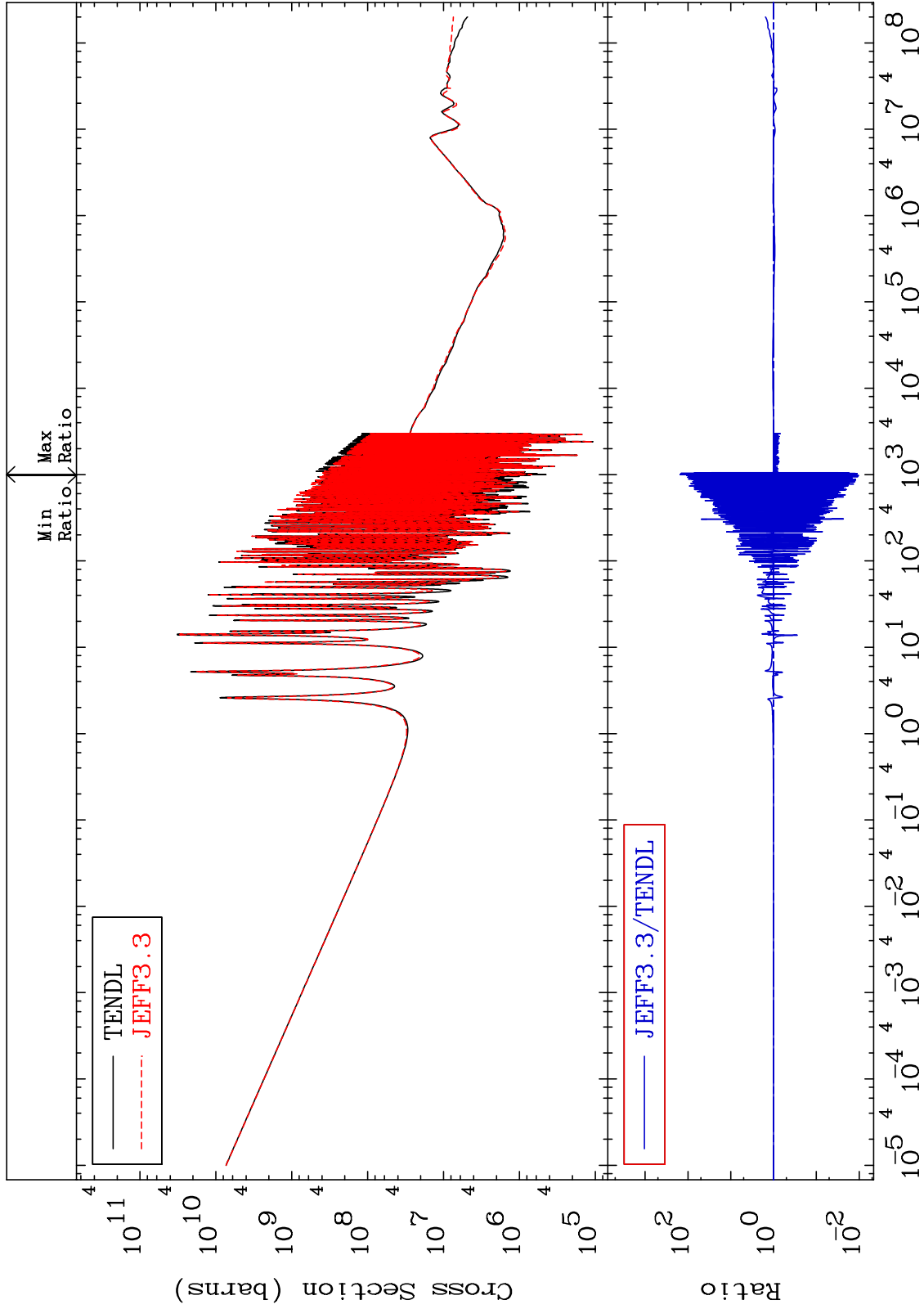
Incident Energy (eV)

71-Lu-175

MAT 7125

Total photon (eV-barns)
Cross Section

71-Lu-175
-98.96 To 9999. %



75

Incident Energy (eV)

71-Lu-175

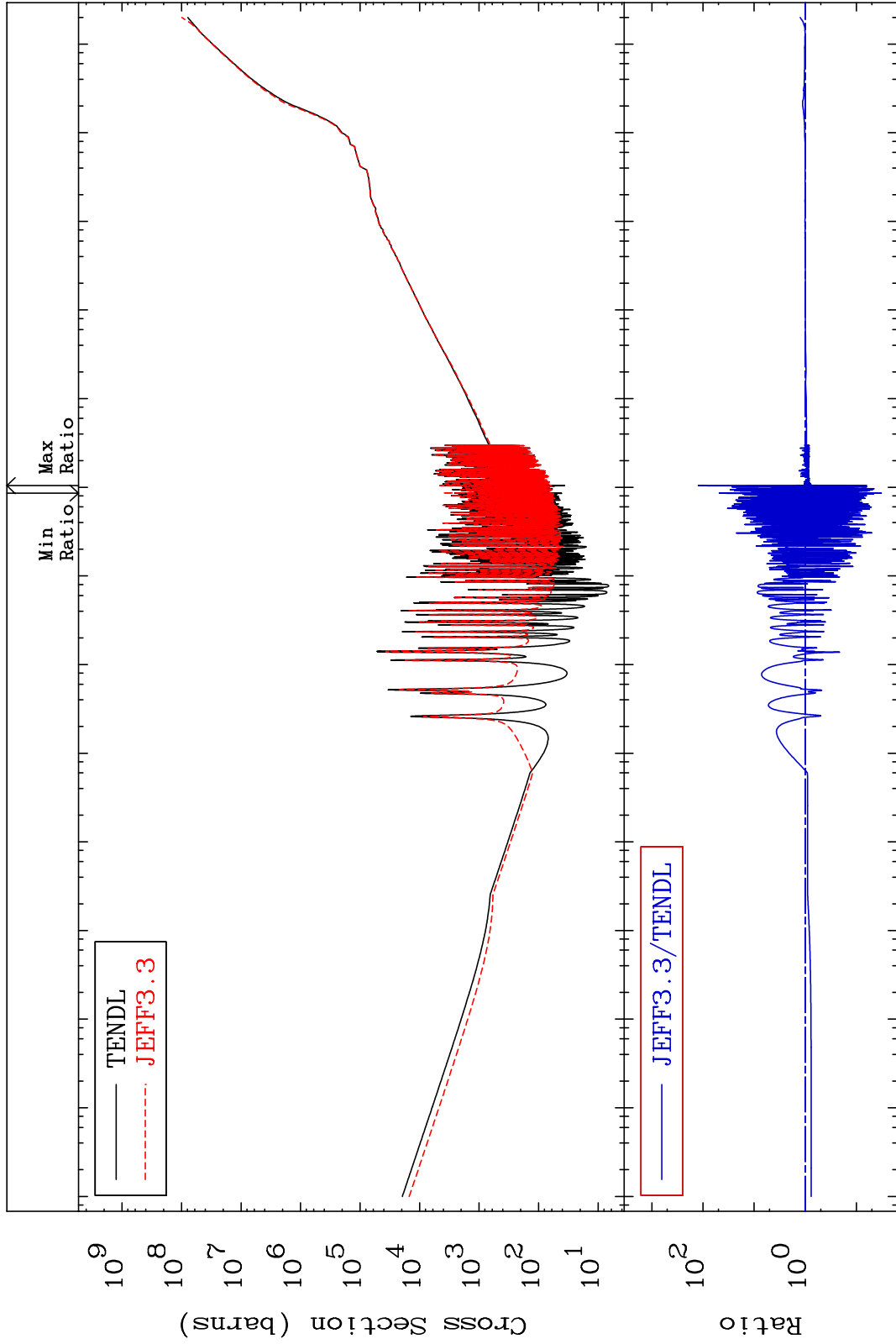
MAT 7125

Total kinematic kerma (high limit)

71-Lu-175

-96.77 To 9999. %

Cross Section



Incident Energy (eV)

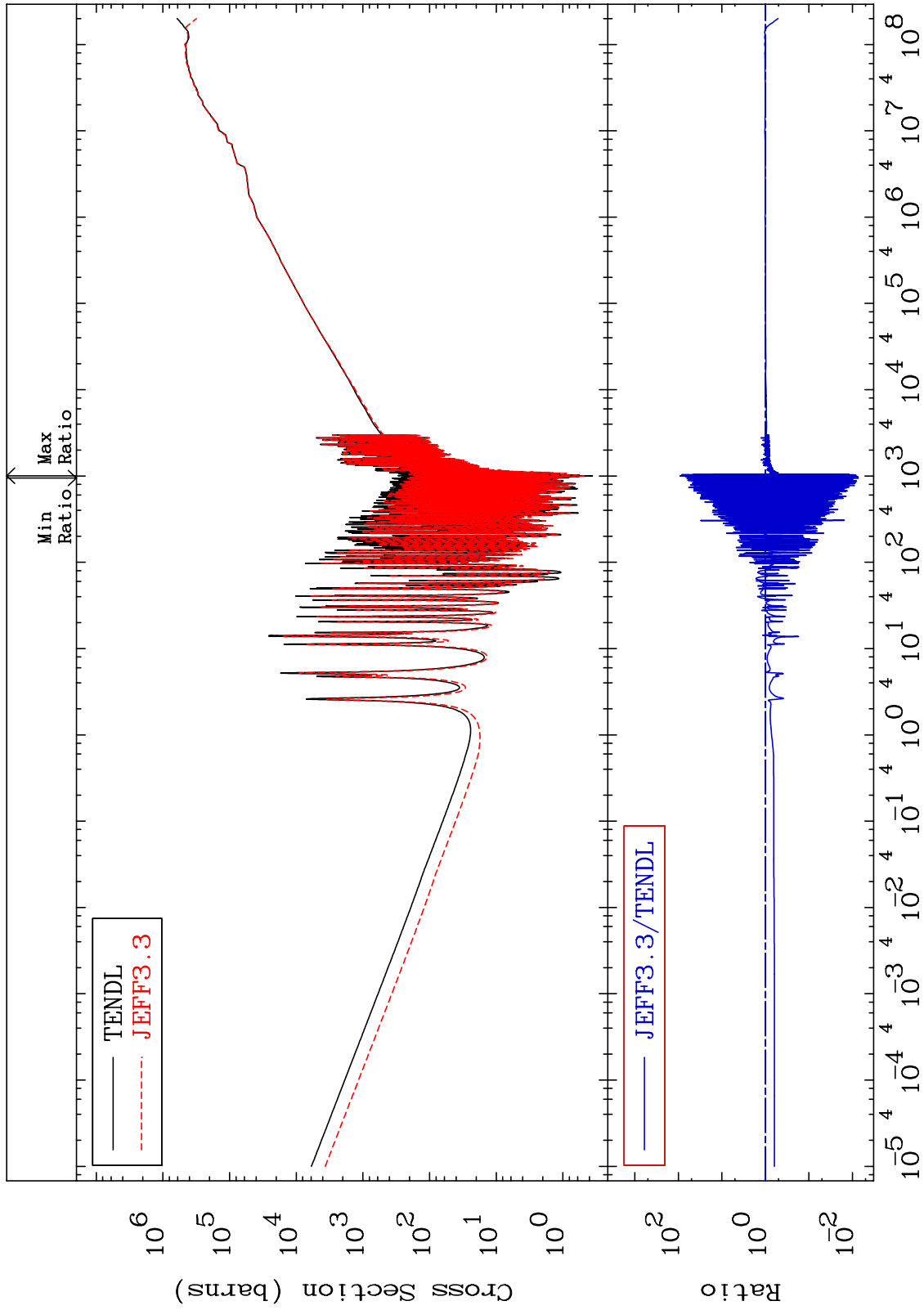
76

71-Lu-175

MAT 7125

Dpa total (eV-barns)
Cross Section

71-Lu-175
-99.27 To 9050. %



77

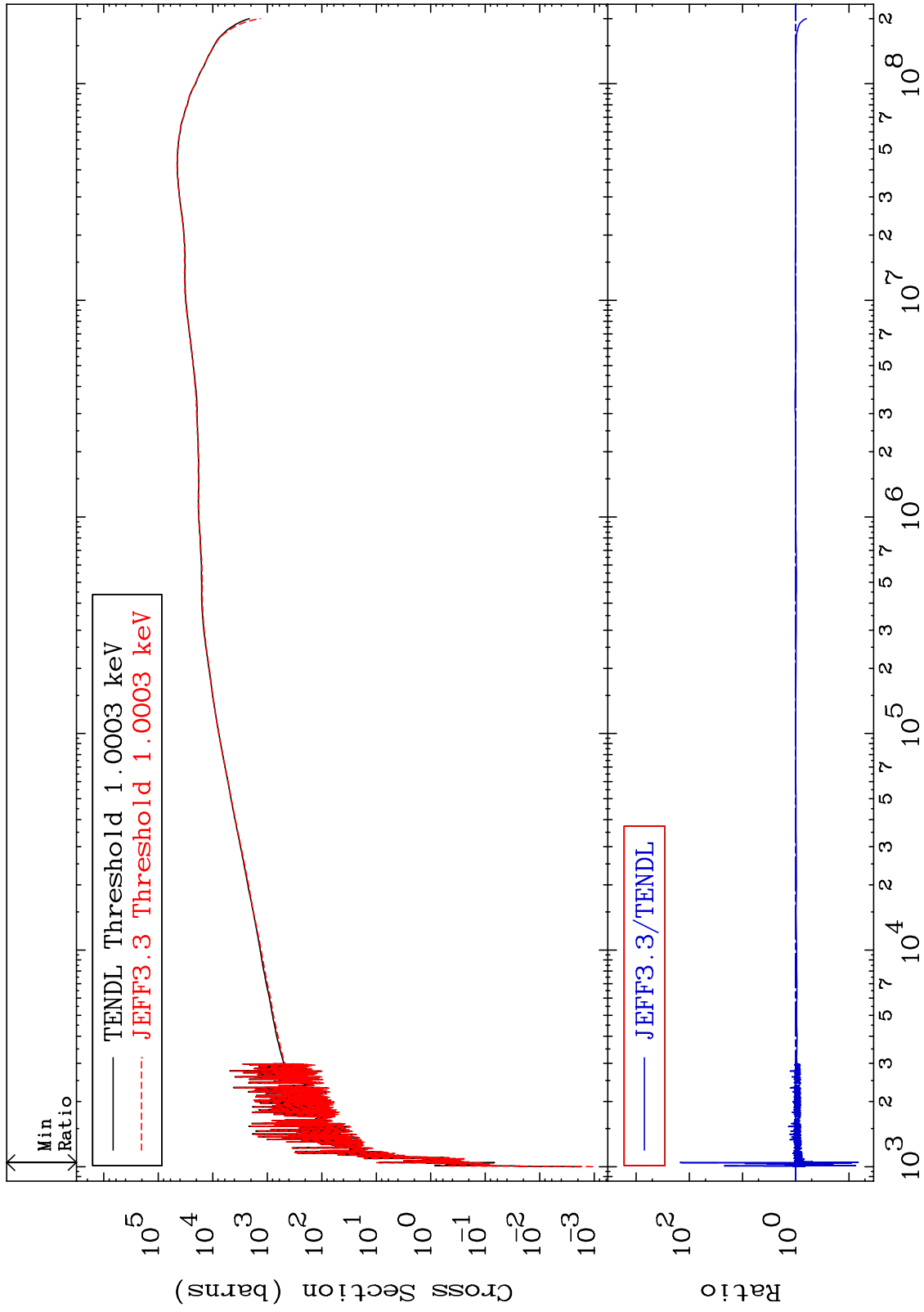
Incident Energy (eV)

71-Lu-175

MAT 7125

Dpa elastic (mt2)
Cross Section

71-Lu-175
-93.36 To 9999. %



78

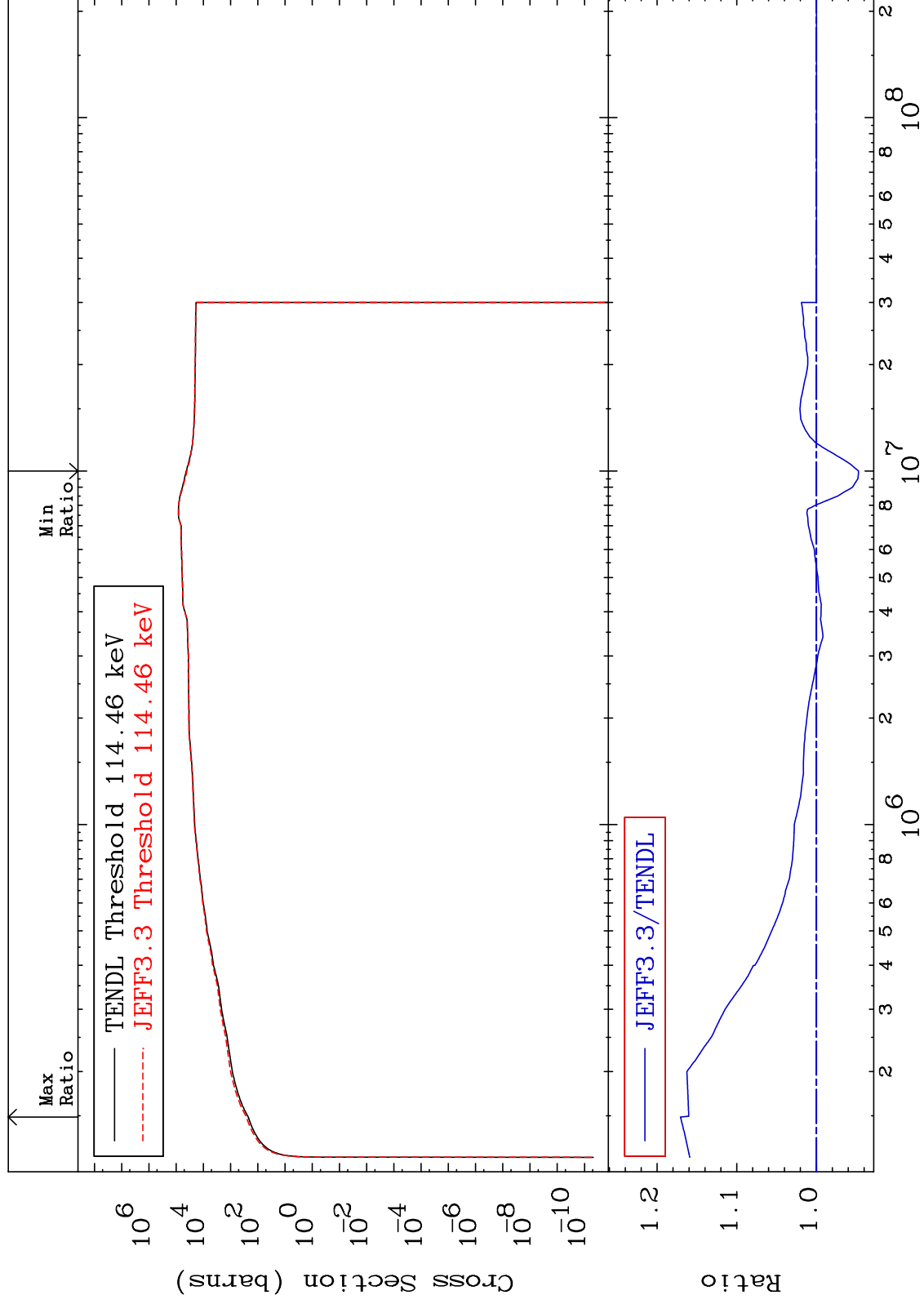
Incident Energy (eV)

71-Lu-175

MAT 7125

Dpa inelastic (mt51-91)
Cross Section

71-Lu-175
-5.298 To 17.07 %



79

71-Lu-175

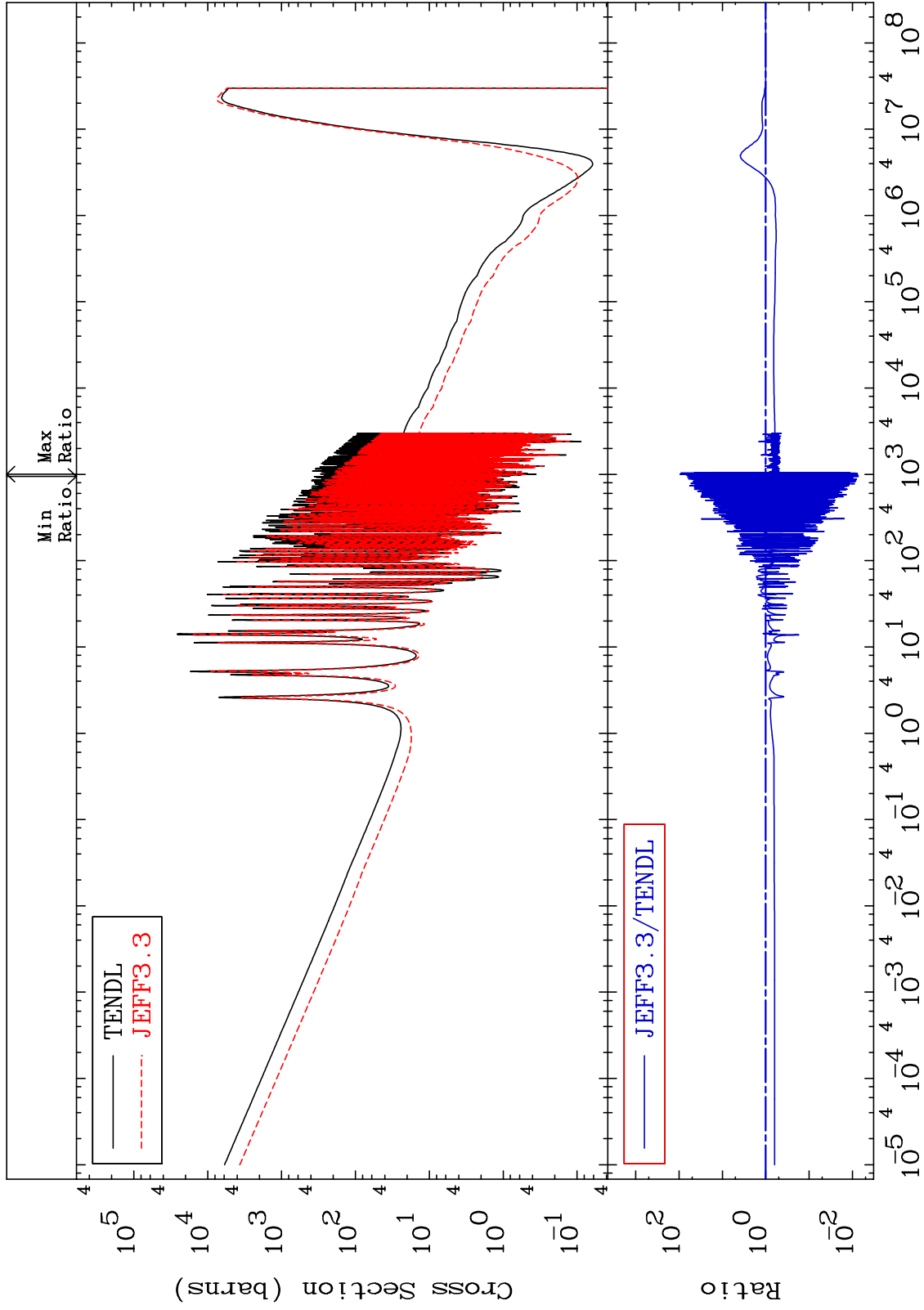
MAT 7125

Dpa disappearance (mt102 -120)

71-Lu-175

Cross Section

-99.27 To 9408. %



80

Incident Energy (eV)

71-Lu-175

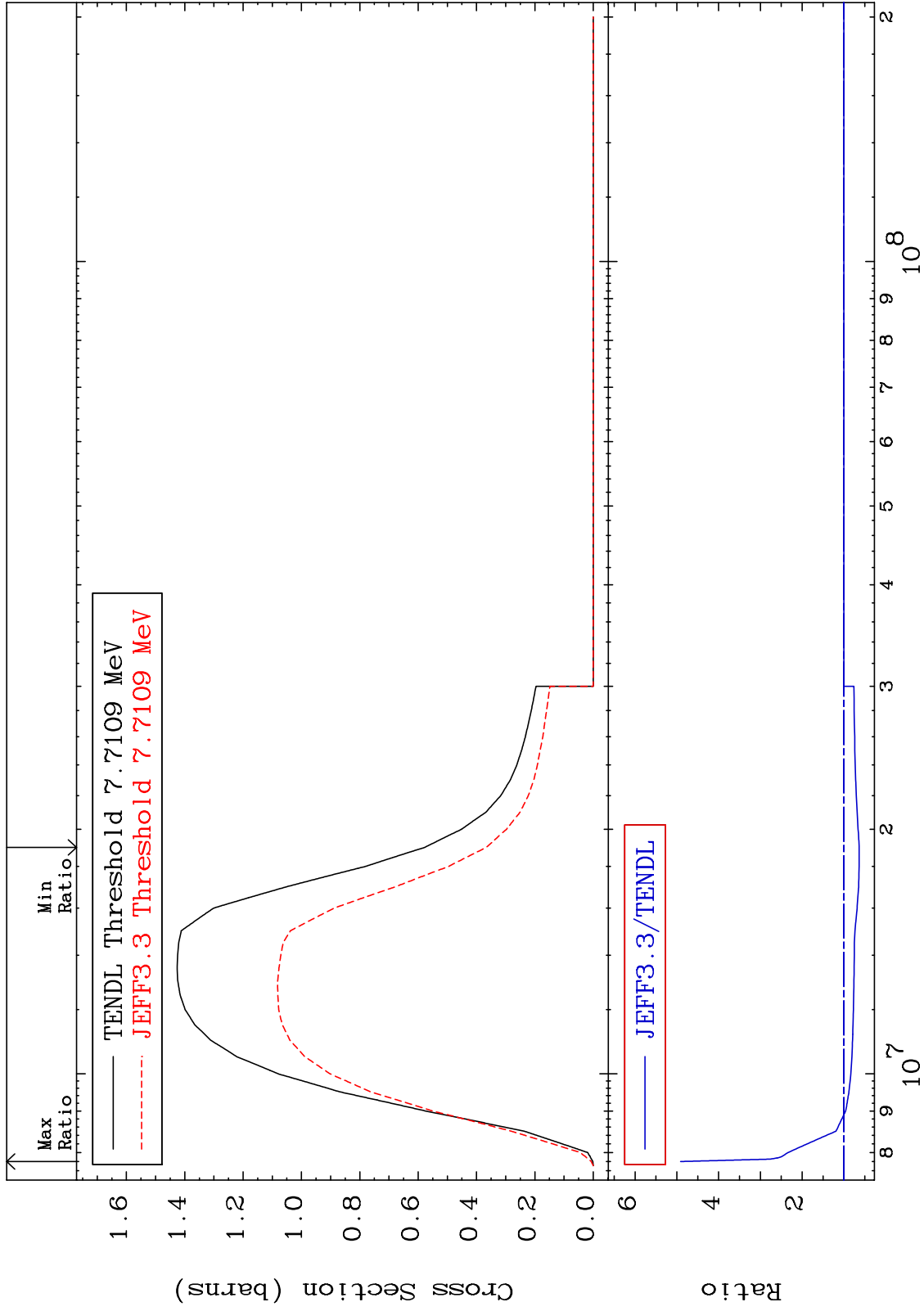
MAT 7125

(n,2n):71-Lu-174g

71-Lu-175

Radionuclide Production Cross Section

-36.63 To 391.0 %



81

Incident Energy (eV)

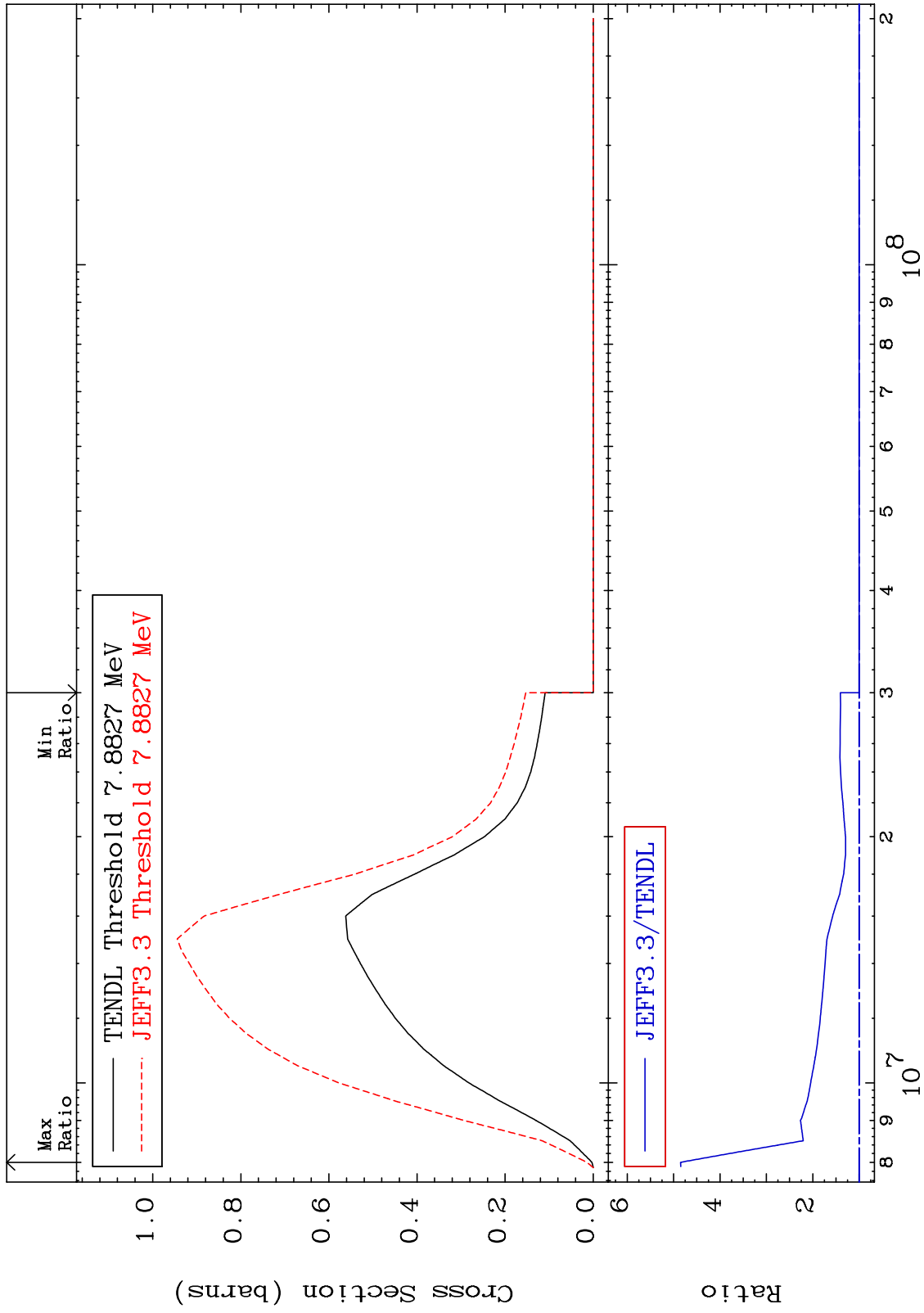
71-Lu-175

MAT 7125

(n,2n): 71-Lu-174m3

71-Lu-175

Radionuclide Production Cross Section 0.000 To 384.9 %



82

Incident Energy (eV)

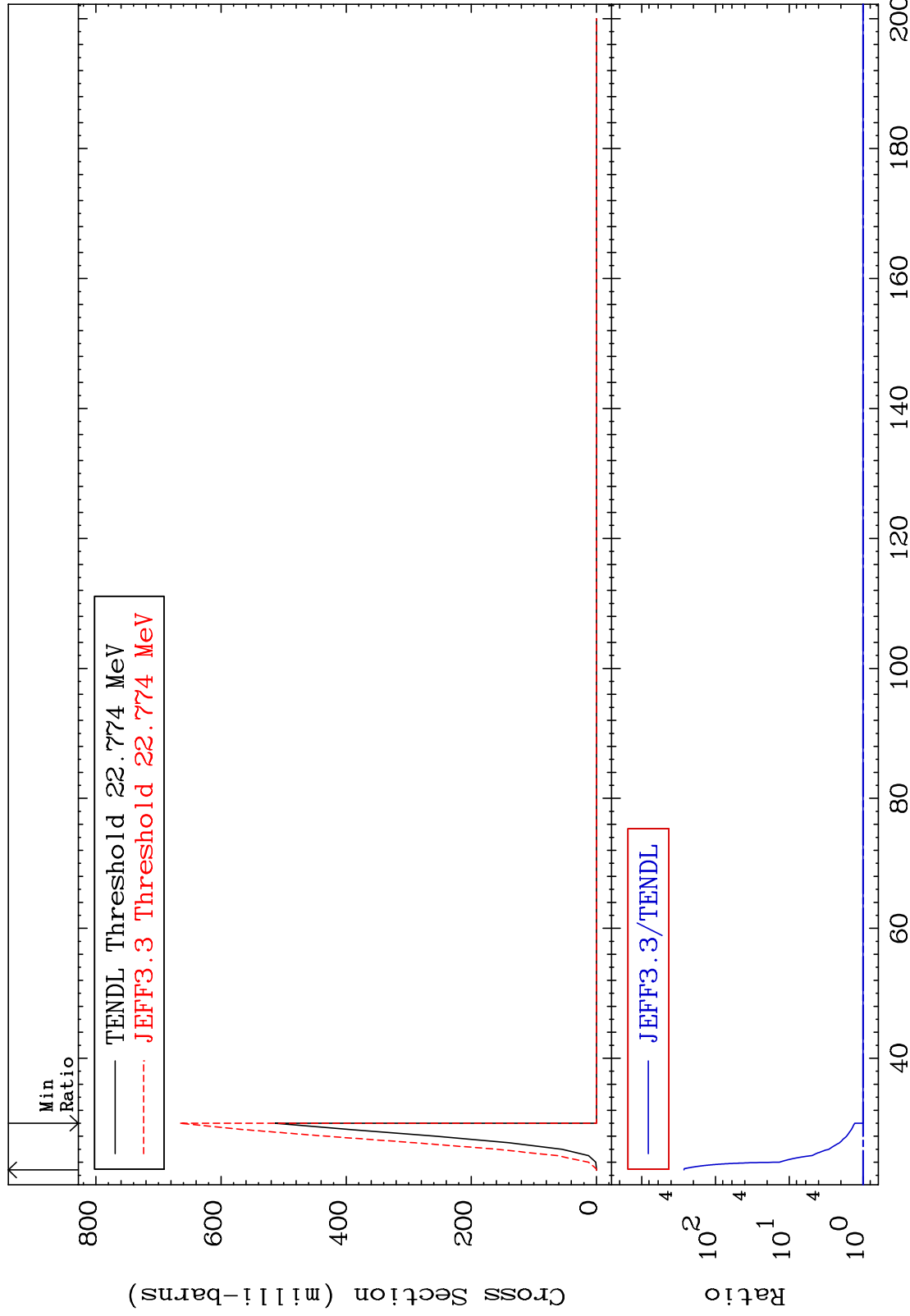
71-Lu-175

MAT 7125

(n,4n):71-Lu-172g

71-Lu-175

Radionuclide Production Cross Section 0.000 To 9999. %



MAT 7125

(n, 4n) : 71-Lu-172m1

71-Lu-175

Radionuclide Production Cross Section 0.000 To 9999. %

