

Program Complot
(Version 2018-1)

by

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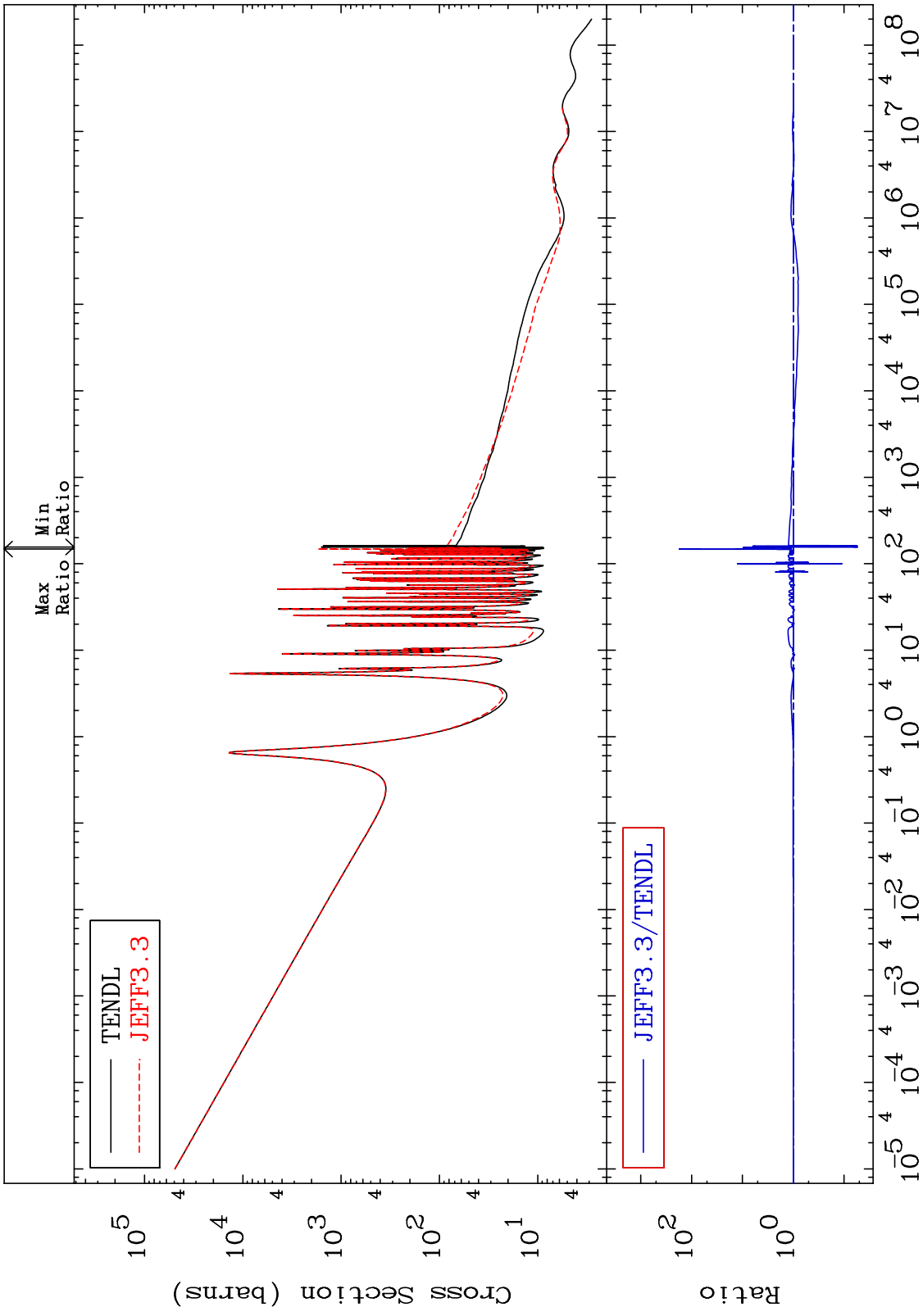
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Press Mouse Button to Start

MAT 7725 77-Ir-191
Total Cross Section -94.64 To 9999. %



1 77-Ir-191

MAT 7725

Elastic
Cross Section

77-Ir-191
-92.78 To 8354. %

Max
Ratio

— TENDL
- - - JEFF3.3

6

10^3

10^2

10^1

10^0

— JEFF3.3/TENDL

Ratio

10^2

10^1

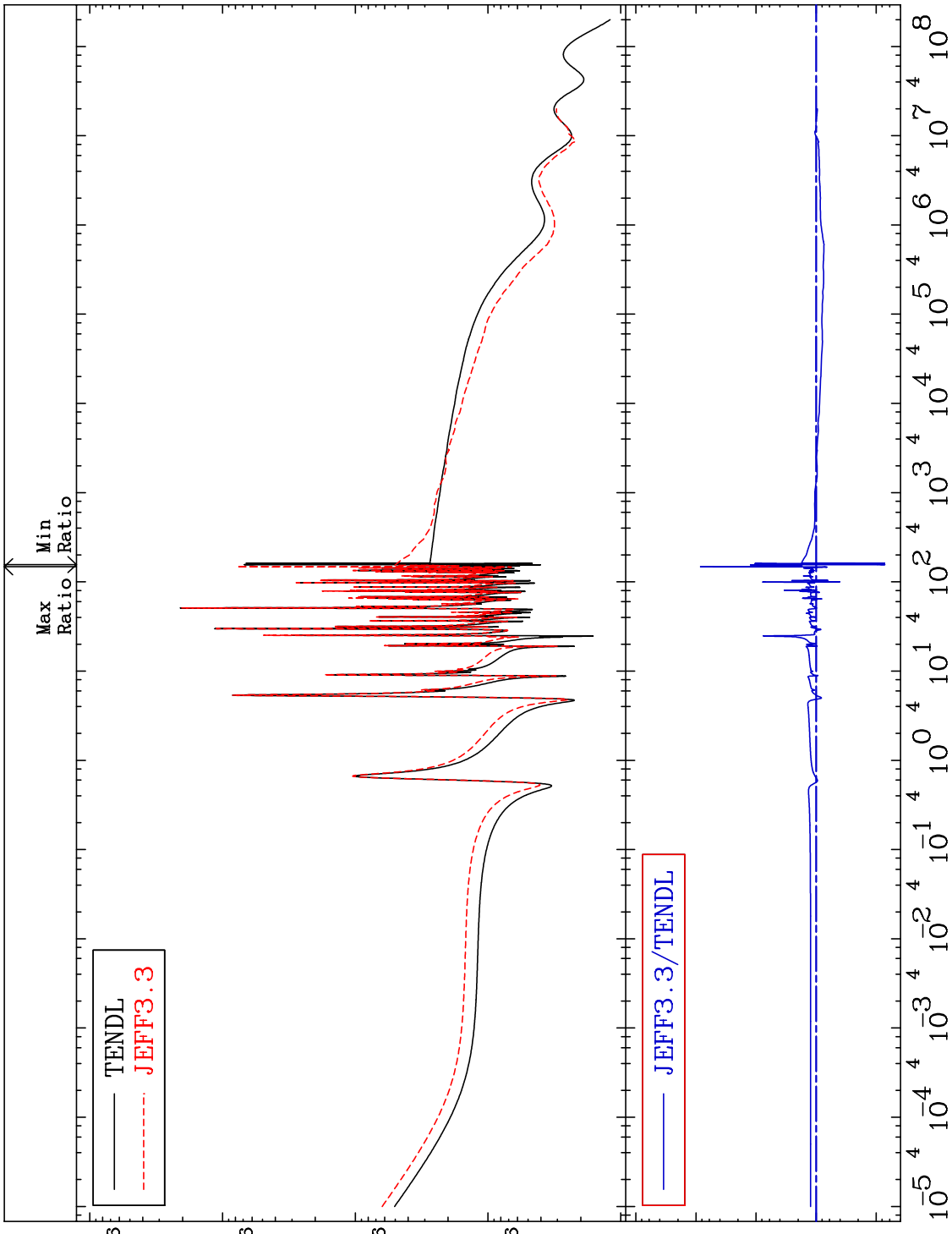
10^0

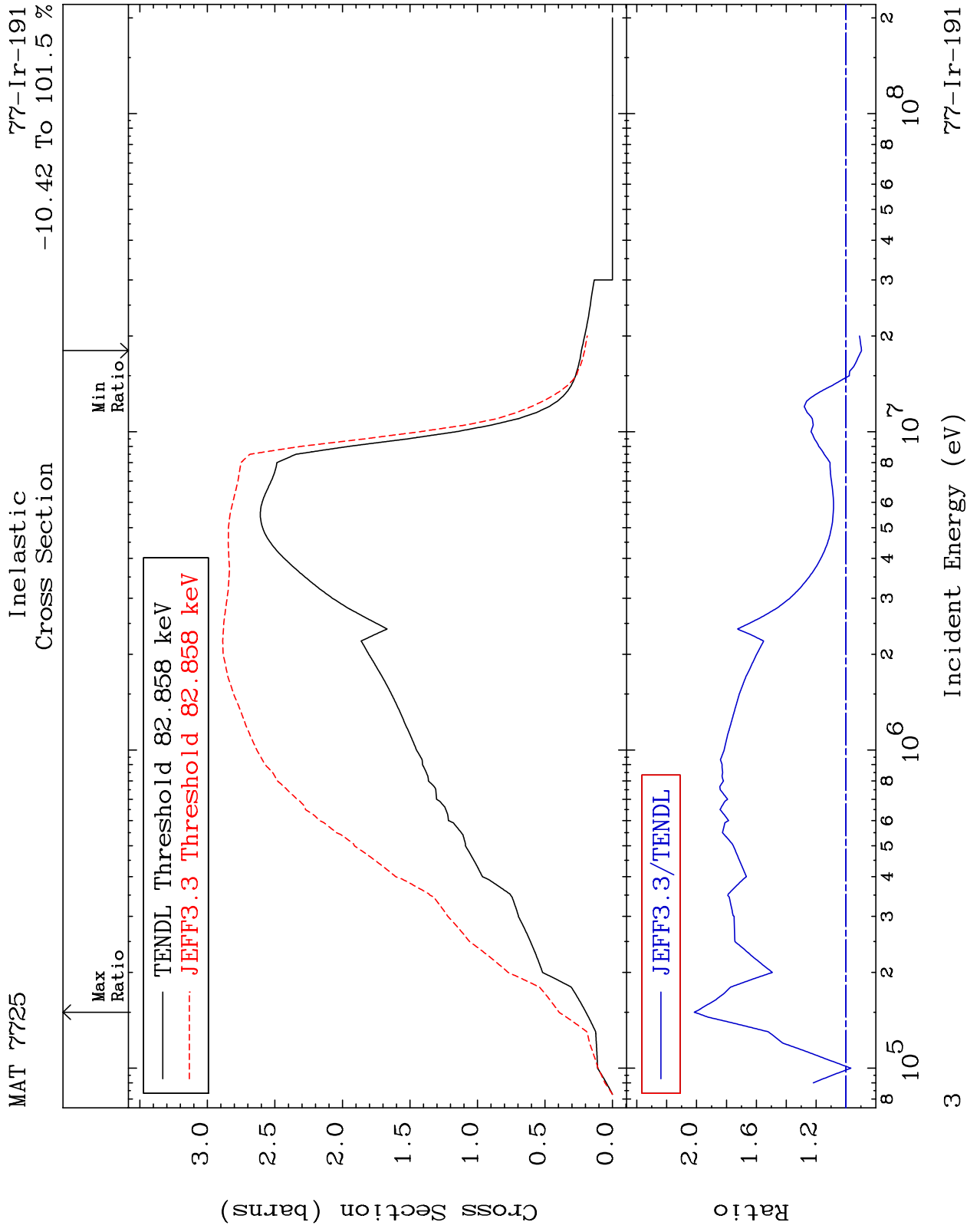
10^{-1}

2

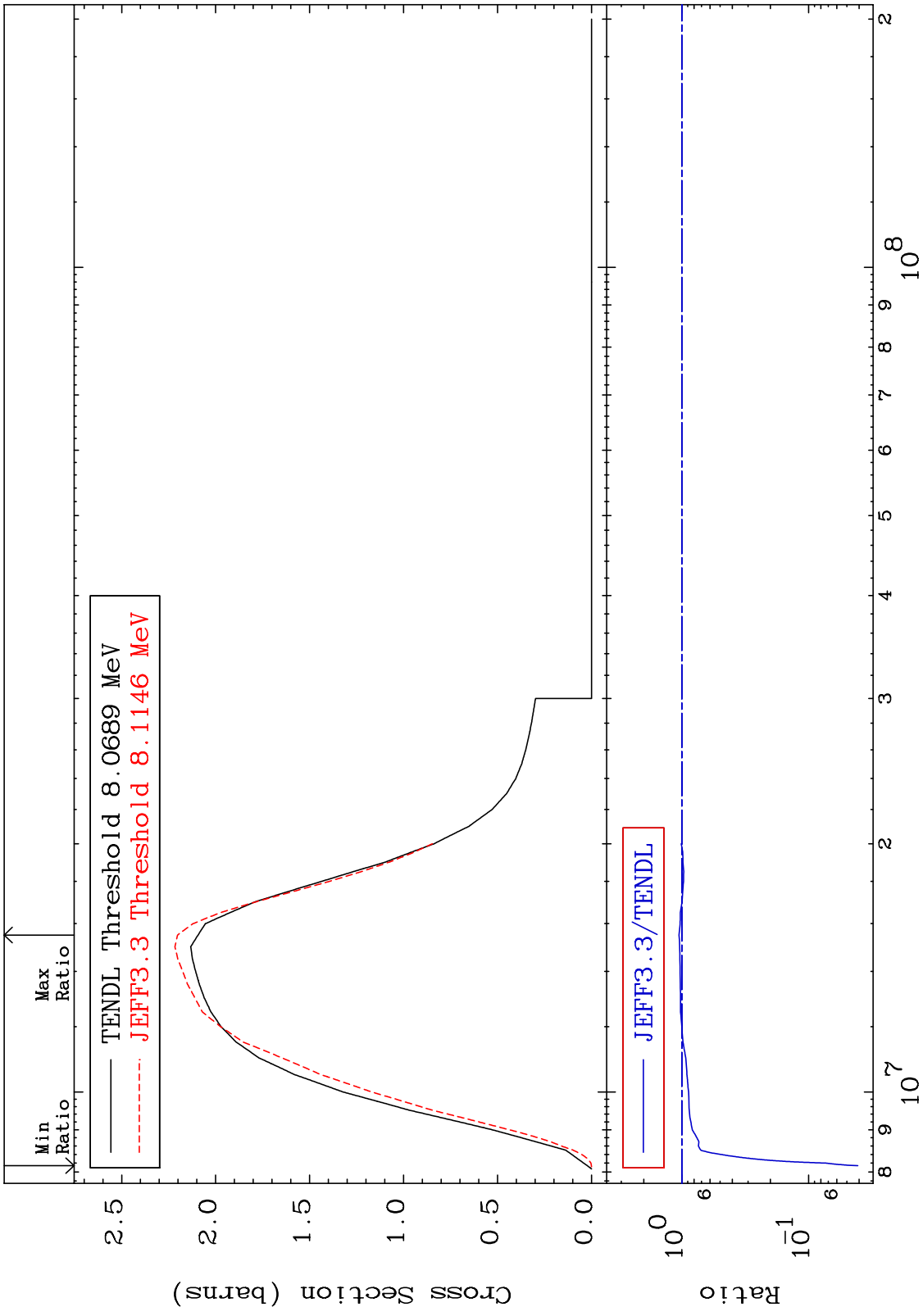
Incident Energy (eV)

77-Ir-191



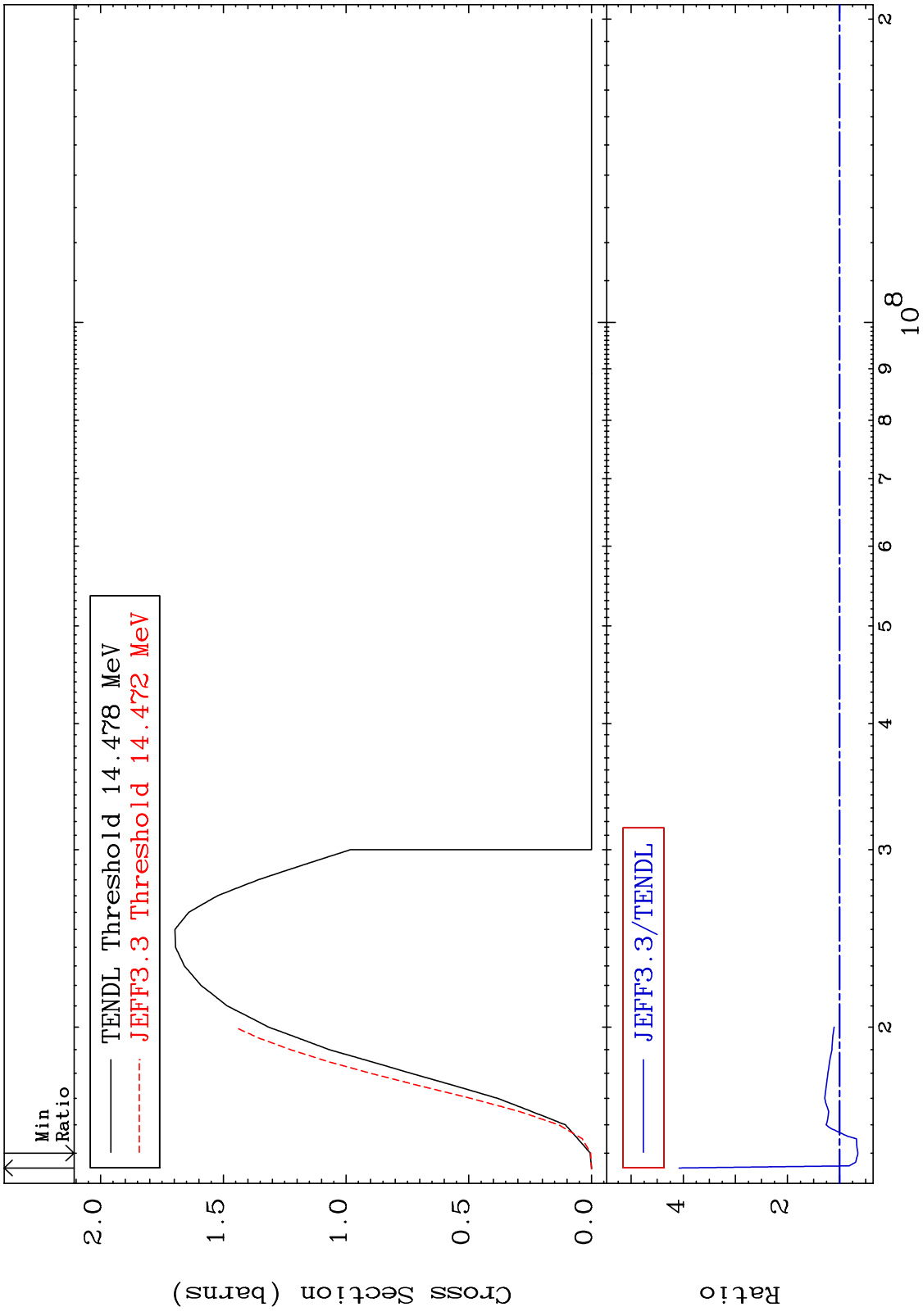


MAT 7725 (n,2n) 77-Ir-191
Cross Section -95.91 To 5.210 %

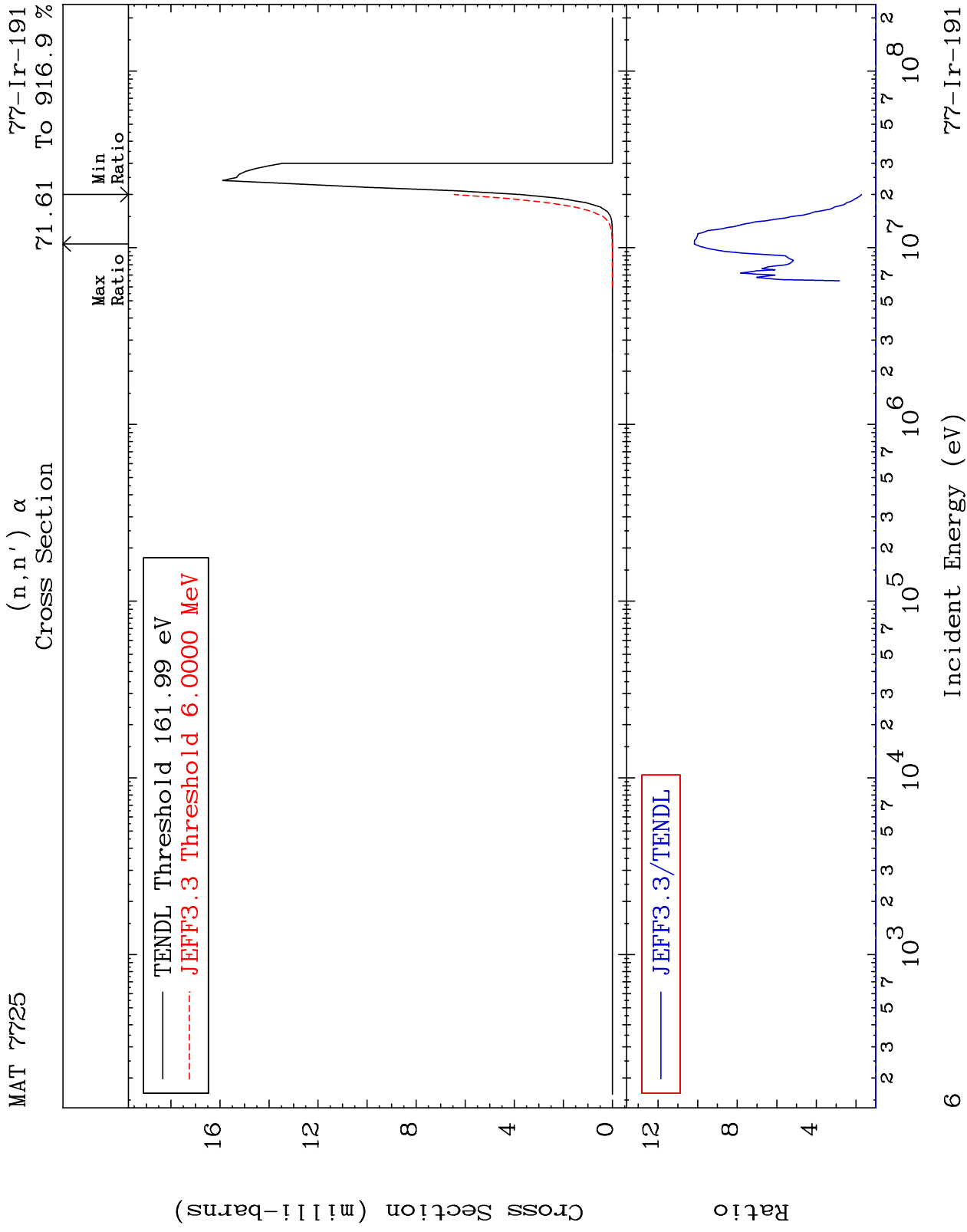


4 Incident Energy (eV) 77-Ir-191

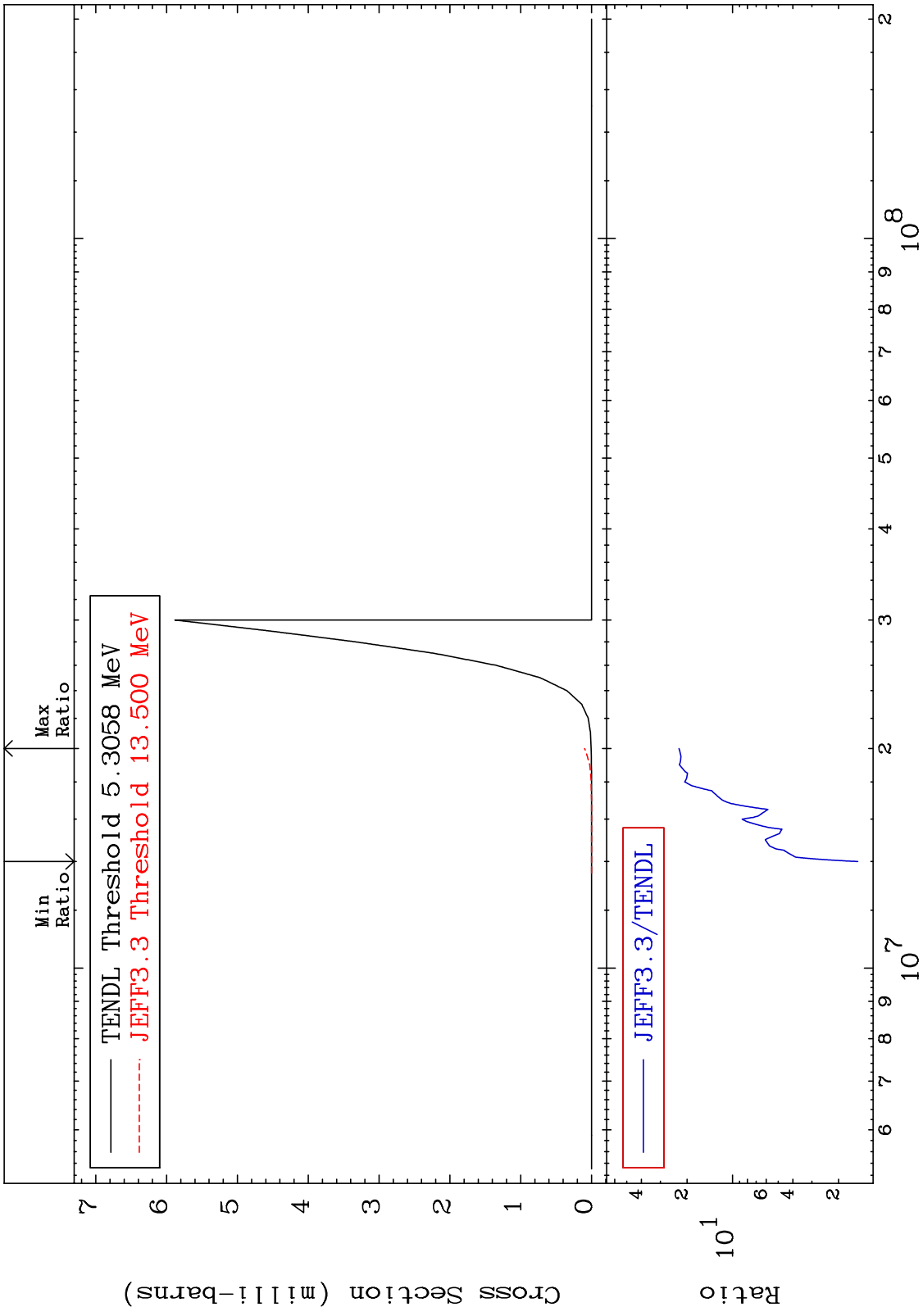
MAT 7725 (n,3n) Cross Section 77-Ir-191 -35.02 To 308.1 %



5 77-Ir-191

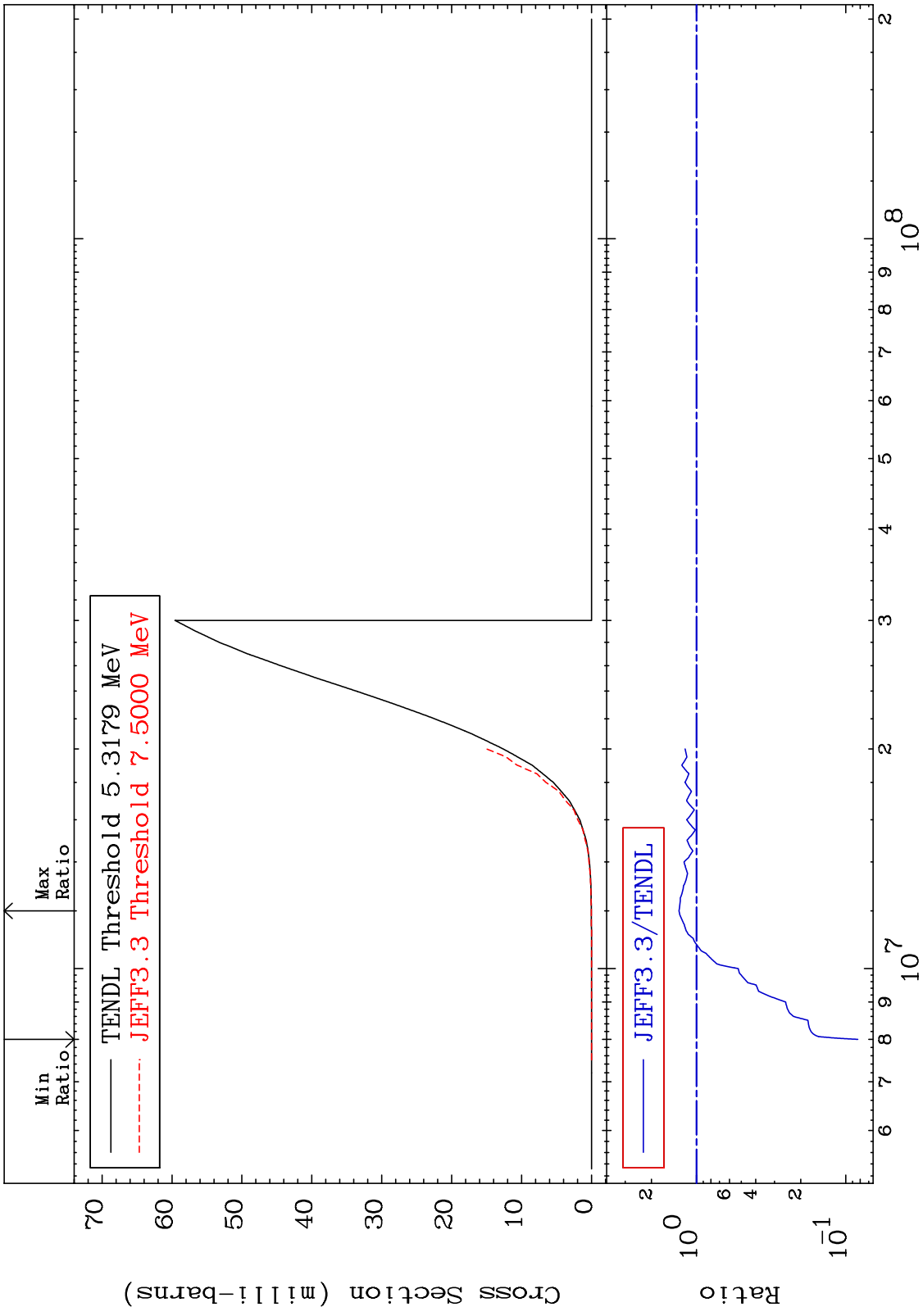


MAT 7725 (n,2n) α 77-Ir-191
 Cross Section 49.24 To 2156. %

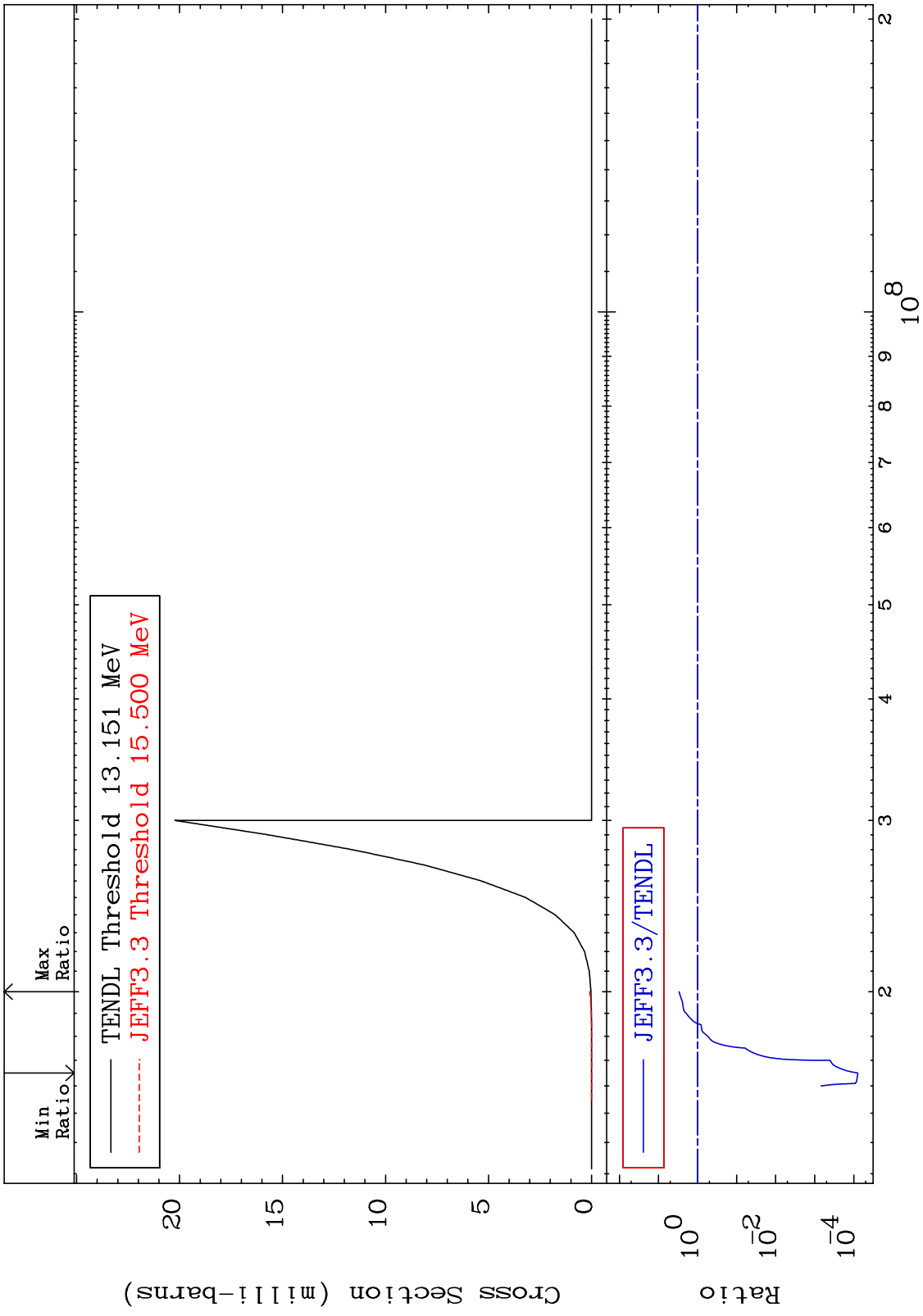


77-Ir-191

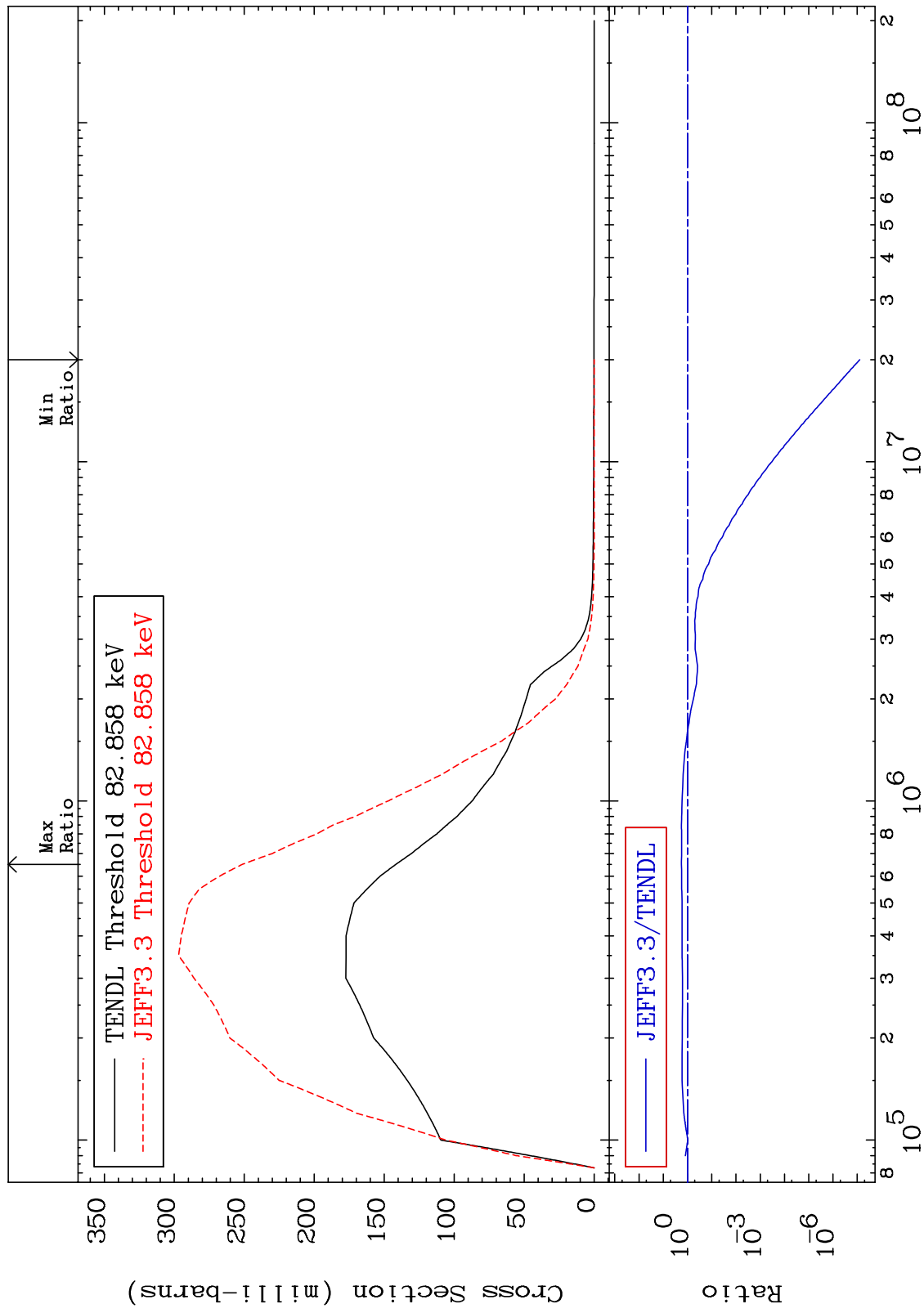
MAT 7725 (n, n') p $^{77}\text{Ir-191}$
 Cross Section -91.71 To 30.64 %



MAT 7725 (n,2n) p 77-Ir-191
 Cross Section -99.99 To 197.6 %

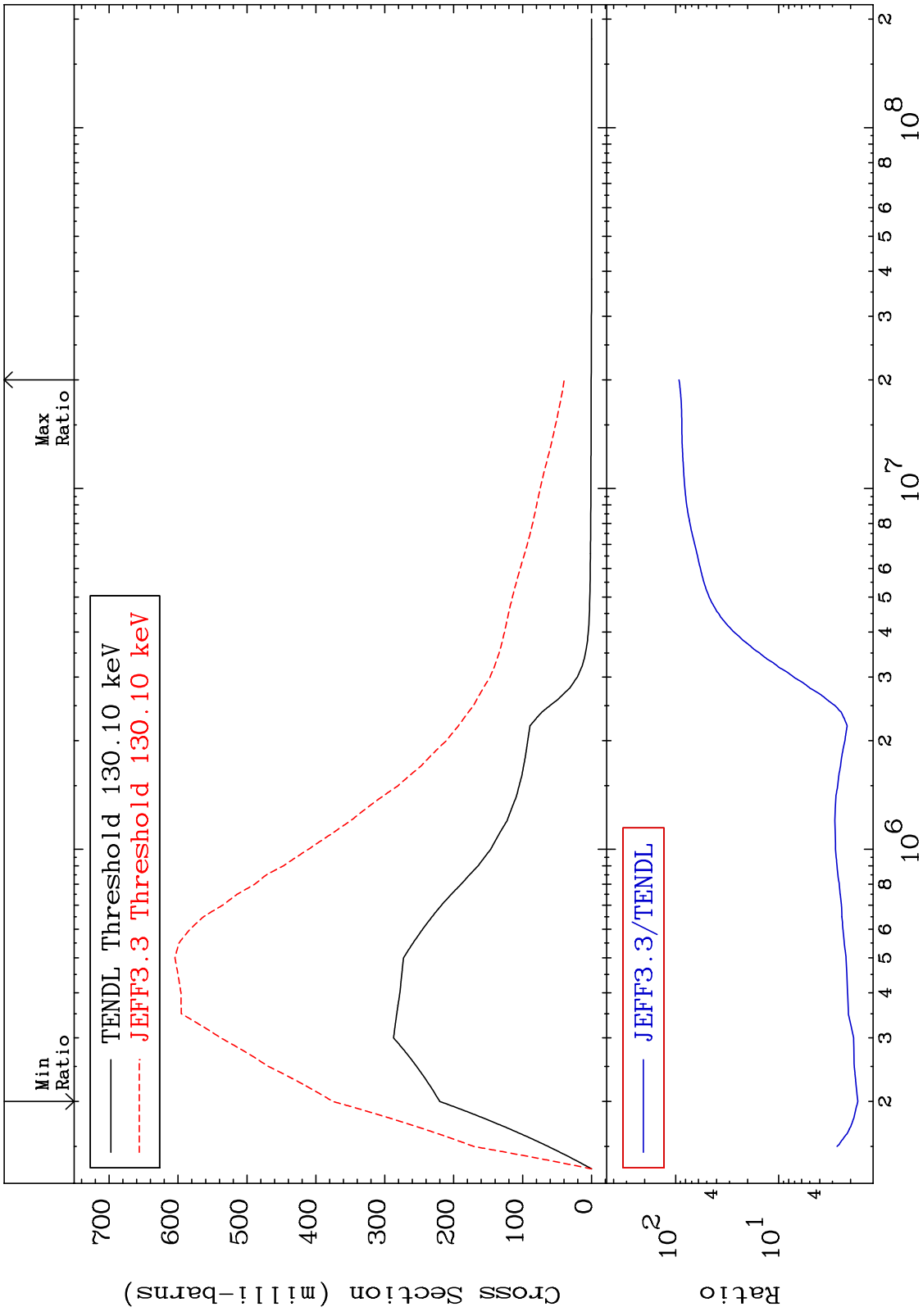


MAT 7725 MT= 51 (n,n') Level Cross Section 77-Ir-191
 -100.0 To 77.43 %

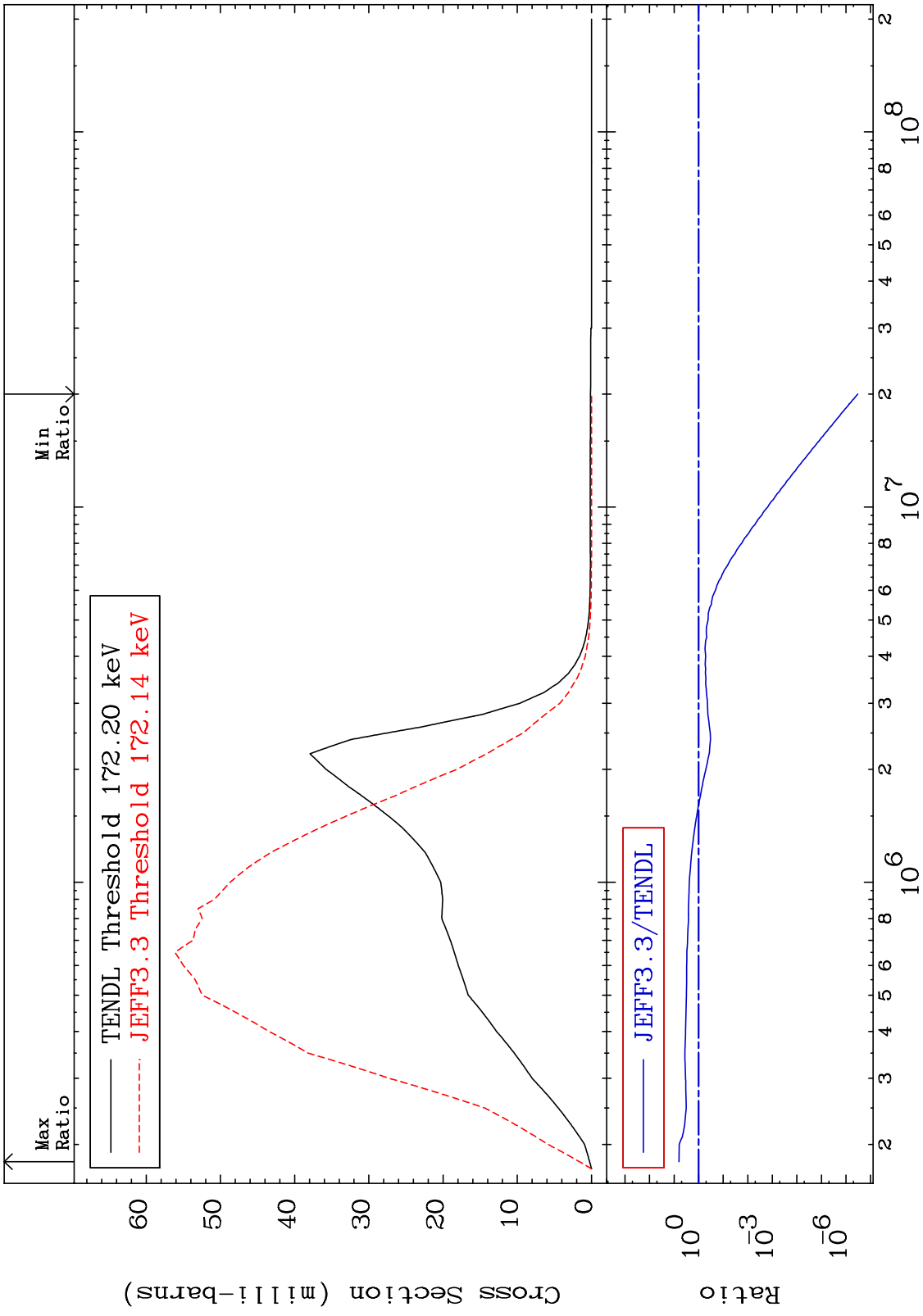


77-Ir-191

MAT 7725 MT= 52 (n,n') Level Cross Section 77-Ir-191 70.44 To 9162. %

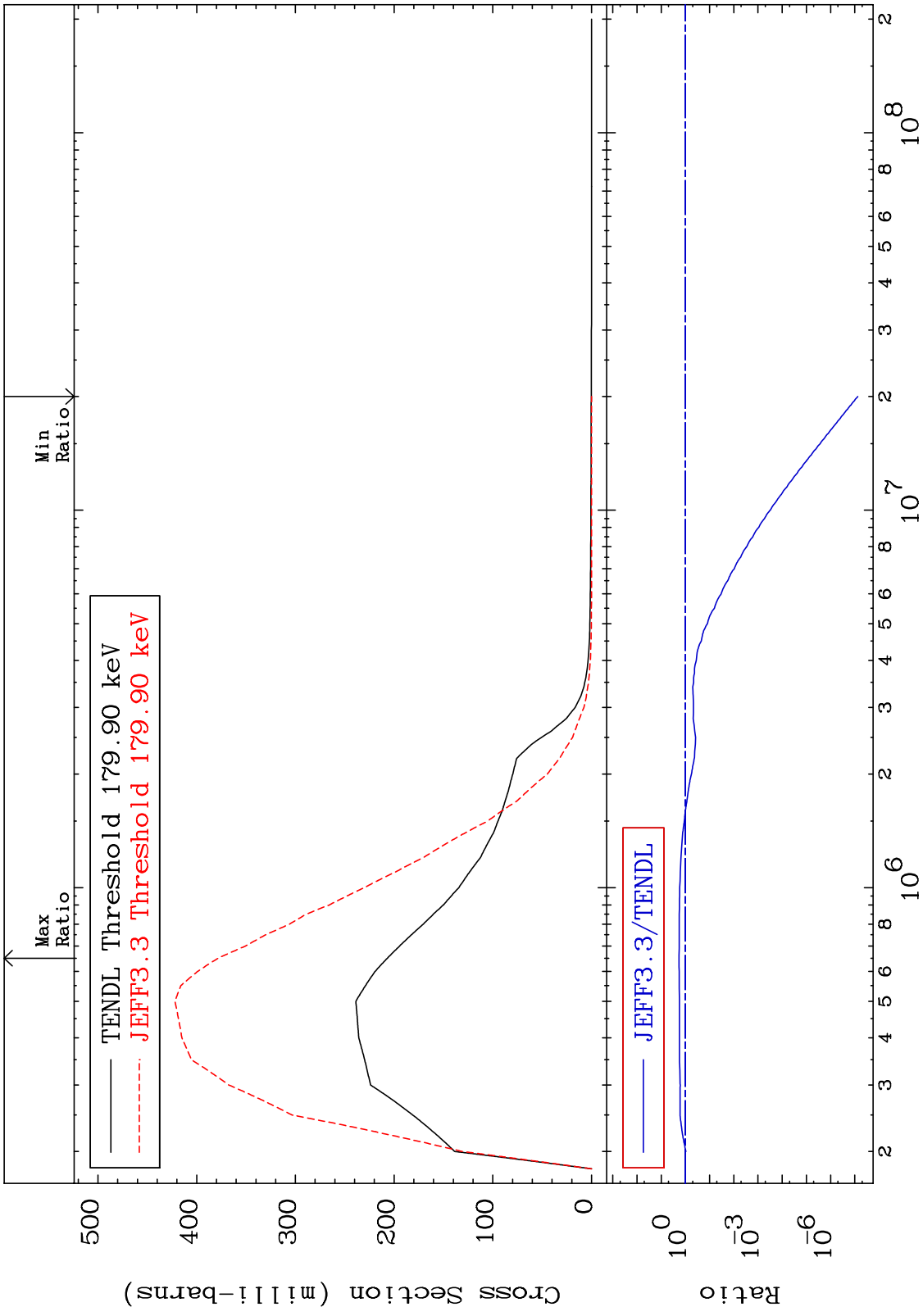


MAT 7725 MT= 53 (n,n') Level Cross Section 77-Ir-191
 -100.0 To 529.9 %



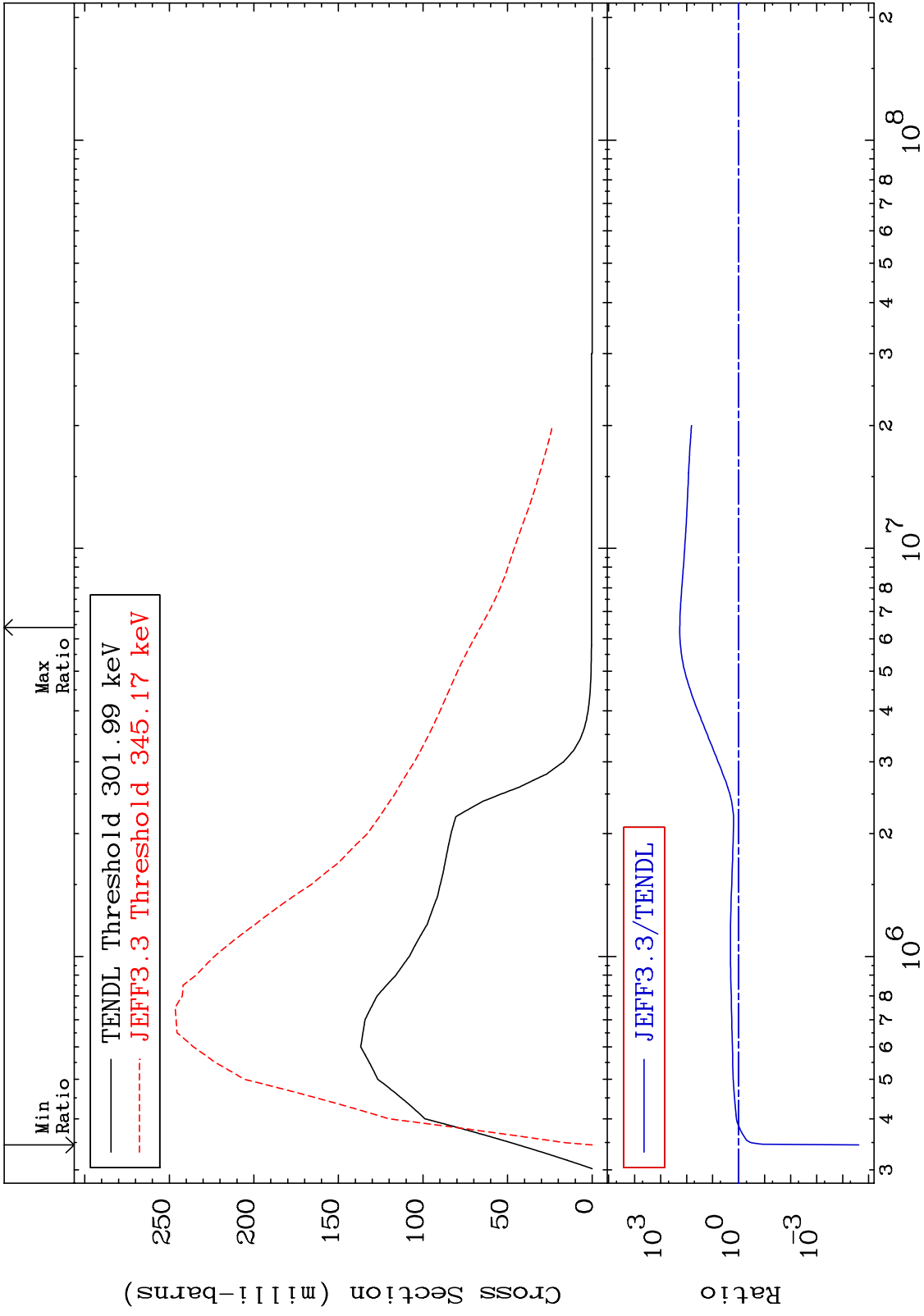
12 77-Ir-191

MAT 7725 MT= 54 (n,n') Level Cross Section 77-Ir-191
 -100.0 To 82.93 %

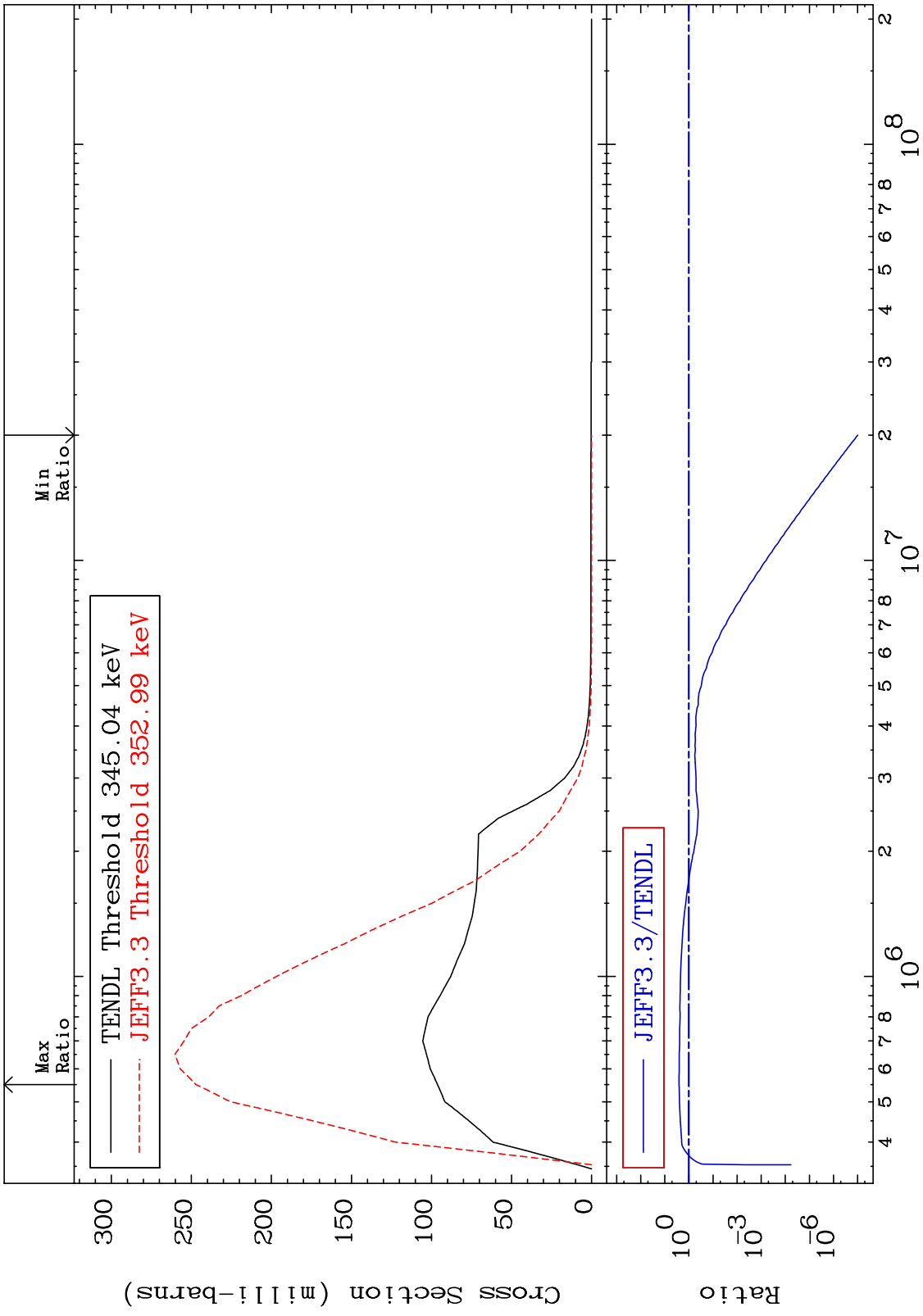


13 77-Ir-191

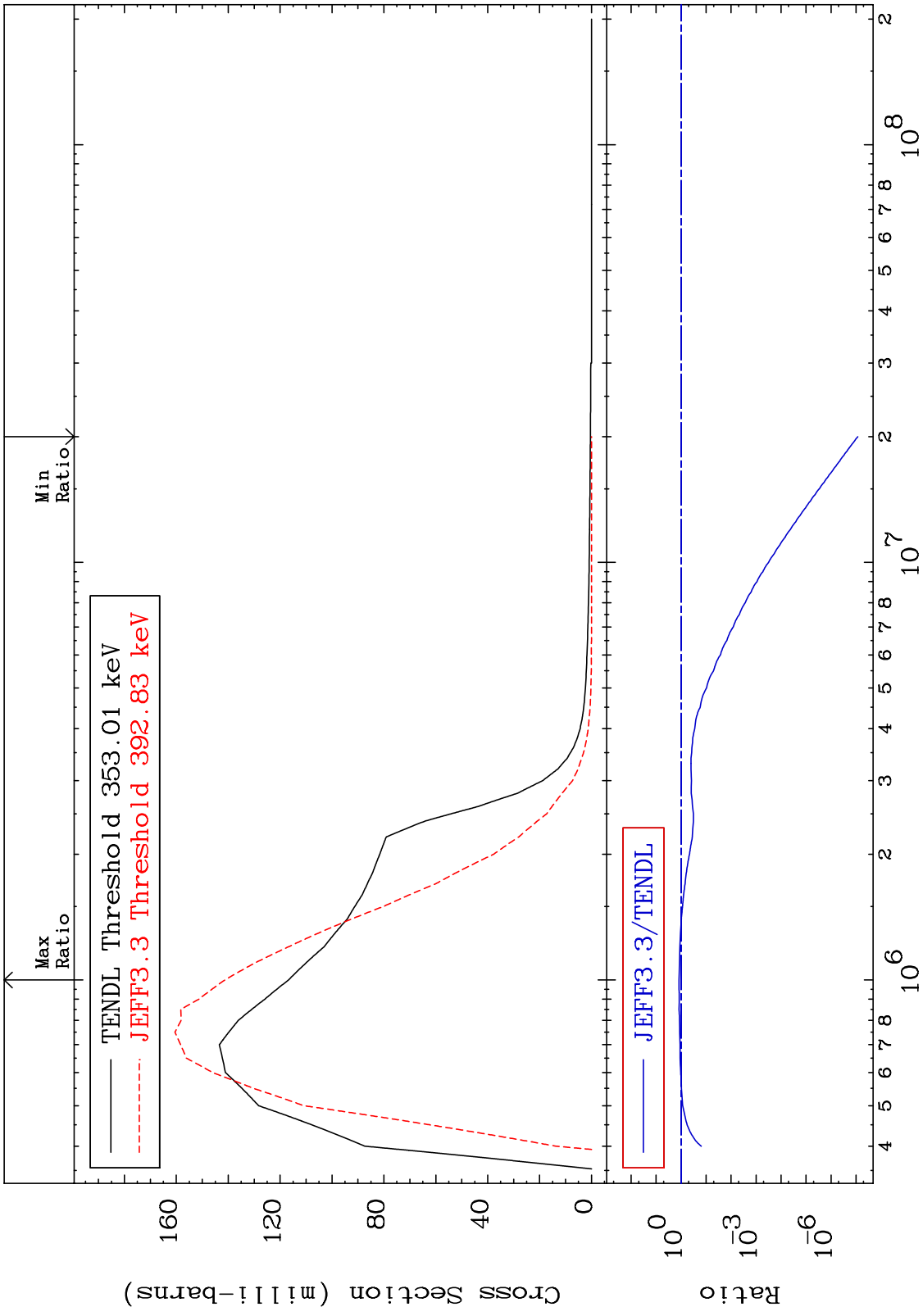
MAT 7725 MT= 55 (n,n') Level Cross Section -100.0 To 9999. % 77-Ir-191



MAT 7725 MT= 56 (n,n') Level Cross Section 77-Ir-191
 -100.0 To 156.9 %

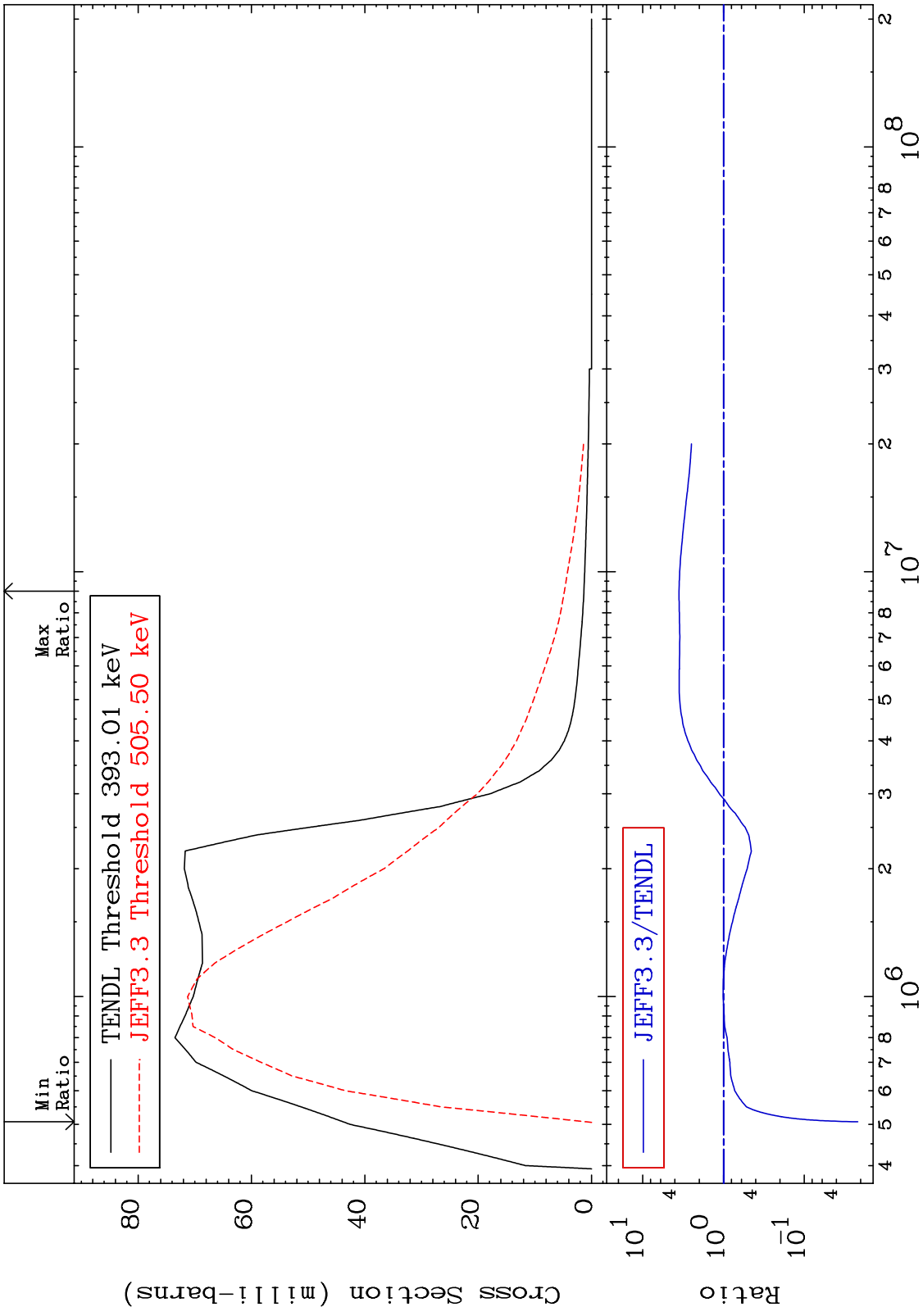


MAT 7725 MT= 57 (n,n') Level Cross Section 77-Ir-191
 -100.0 To 21.03 %

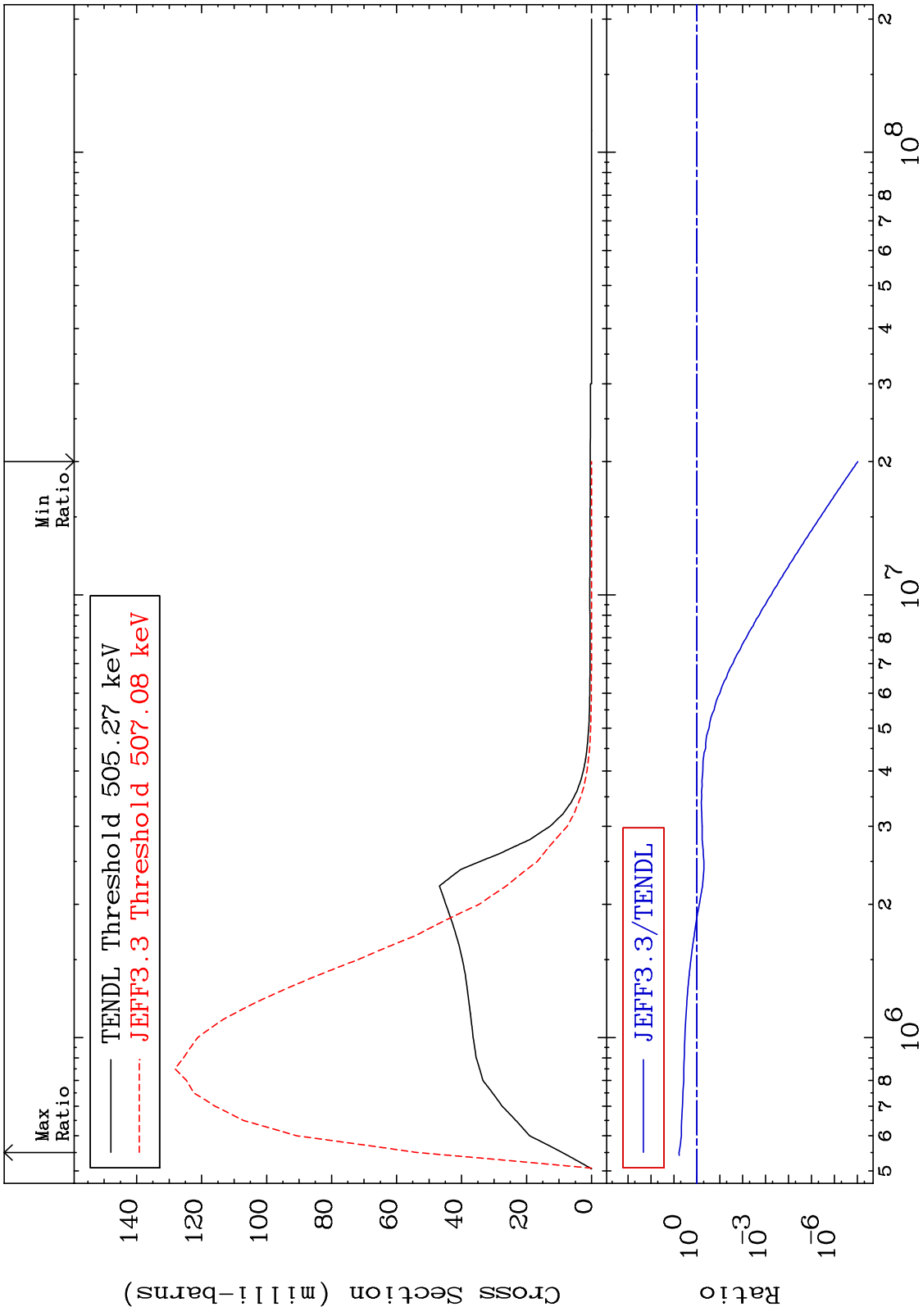


77-Ir-191
 Incident Energy (eV)
 16

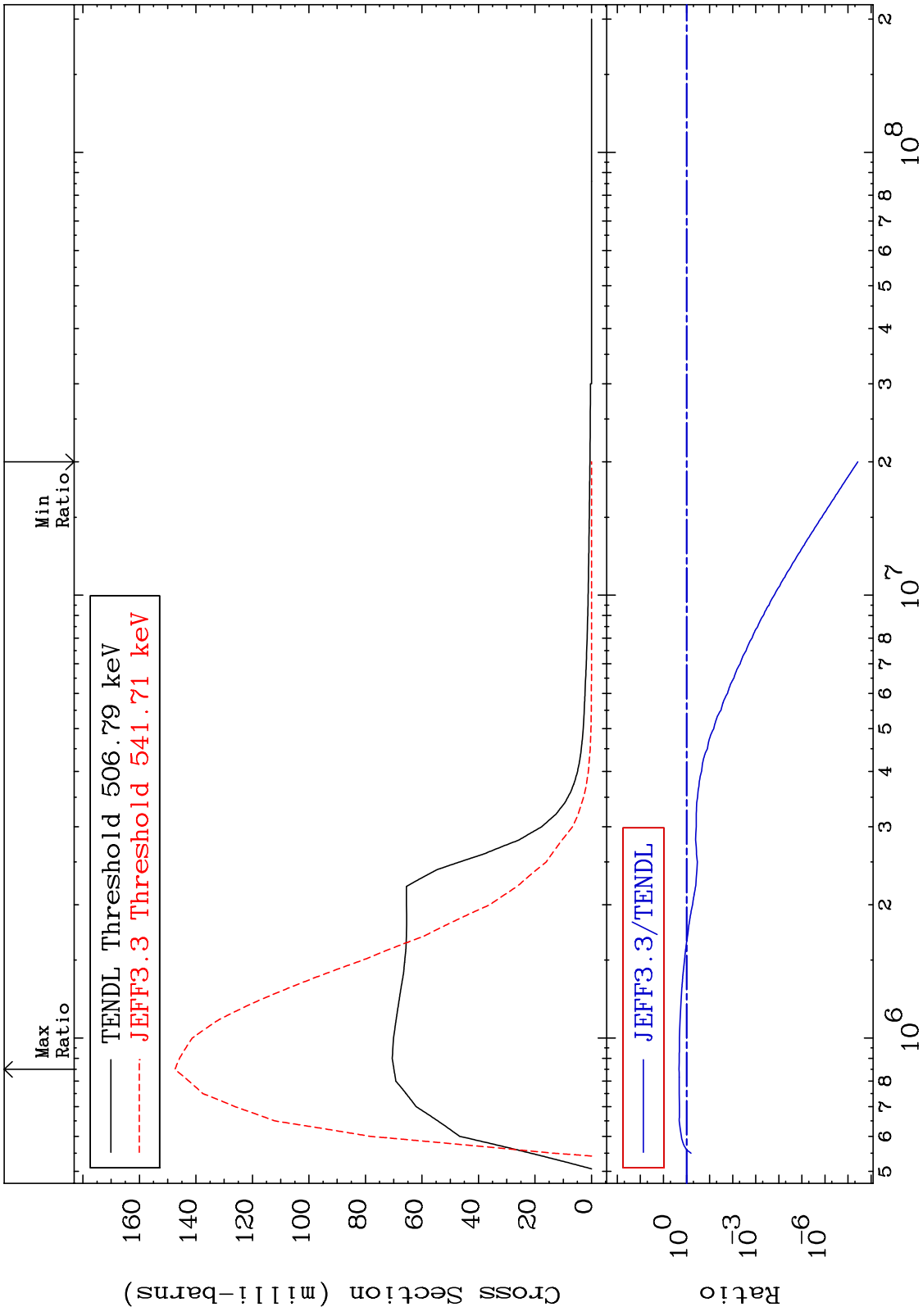
MAT 7725 MT= 58 (n,n') Level Cross Section 77-Ir-191
 -97.83 To 255.6 %



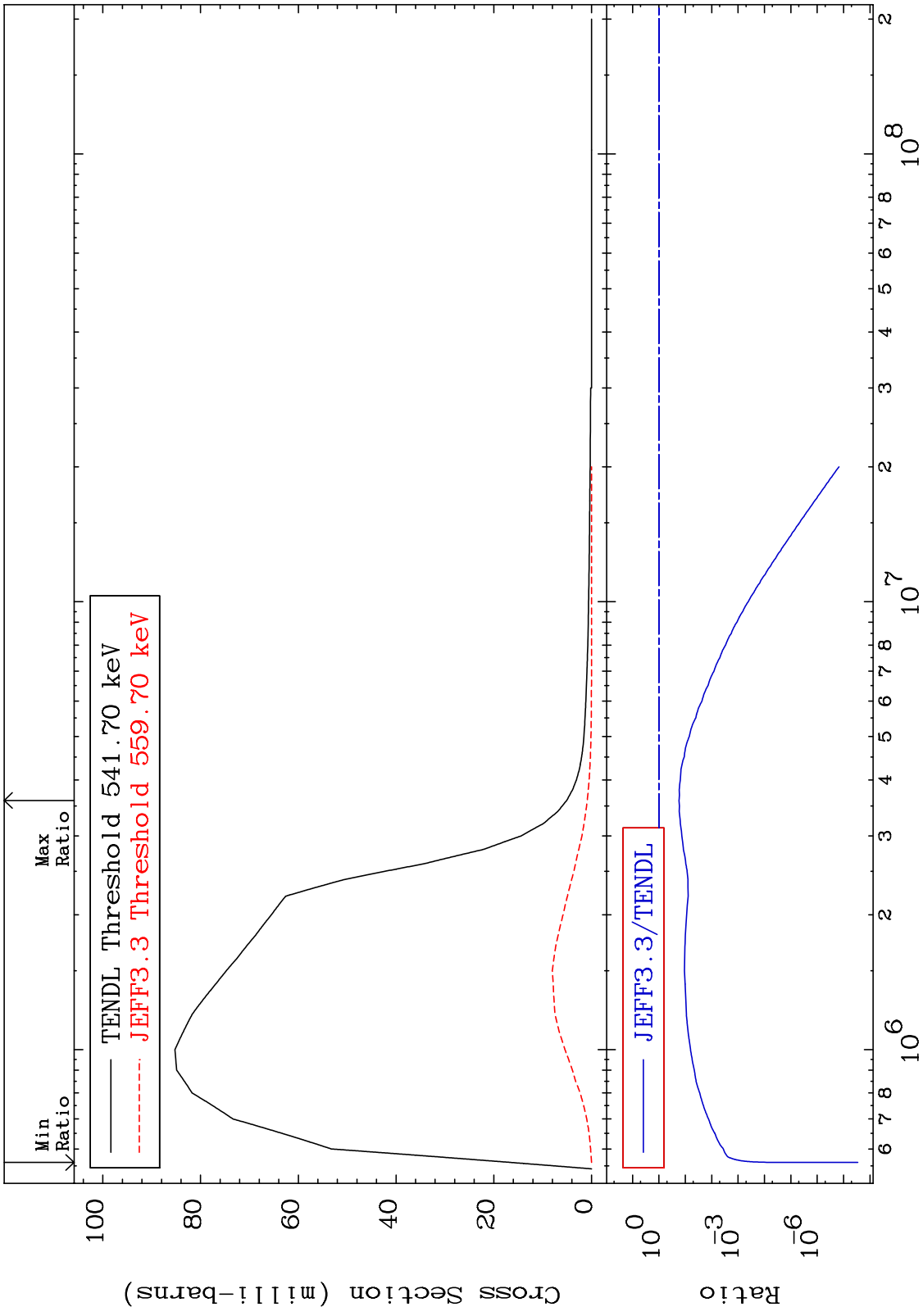
MAT 7725 MT= 59 (n,n') Level Cross Section 77-Ir-191 -100.0 To 495.6 %



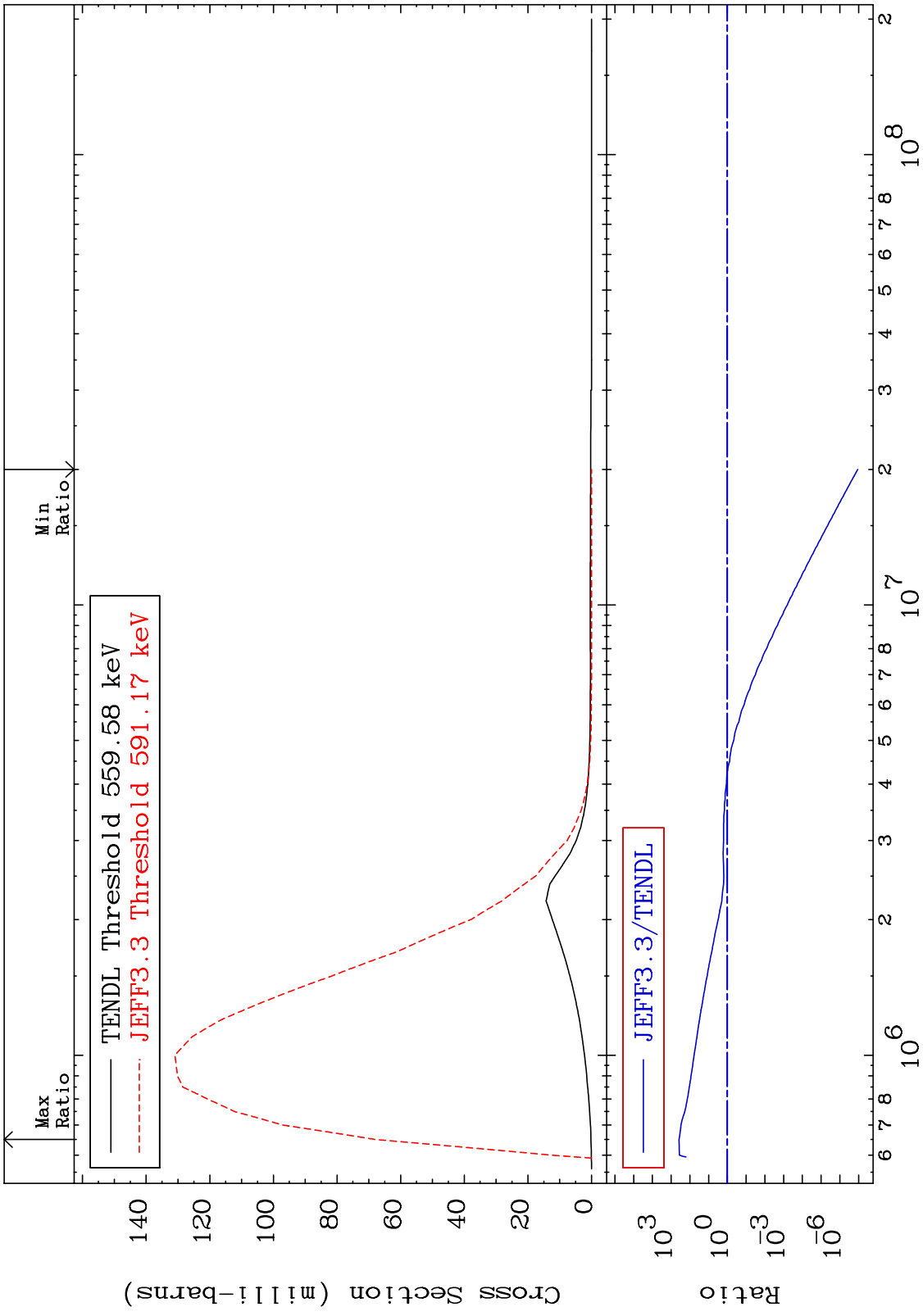
MAT 7725 MT= 60 (n,n') Level Cross Section 77-Ir-191
 -100.0 To 110.9 %



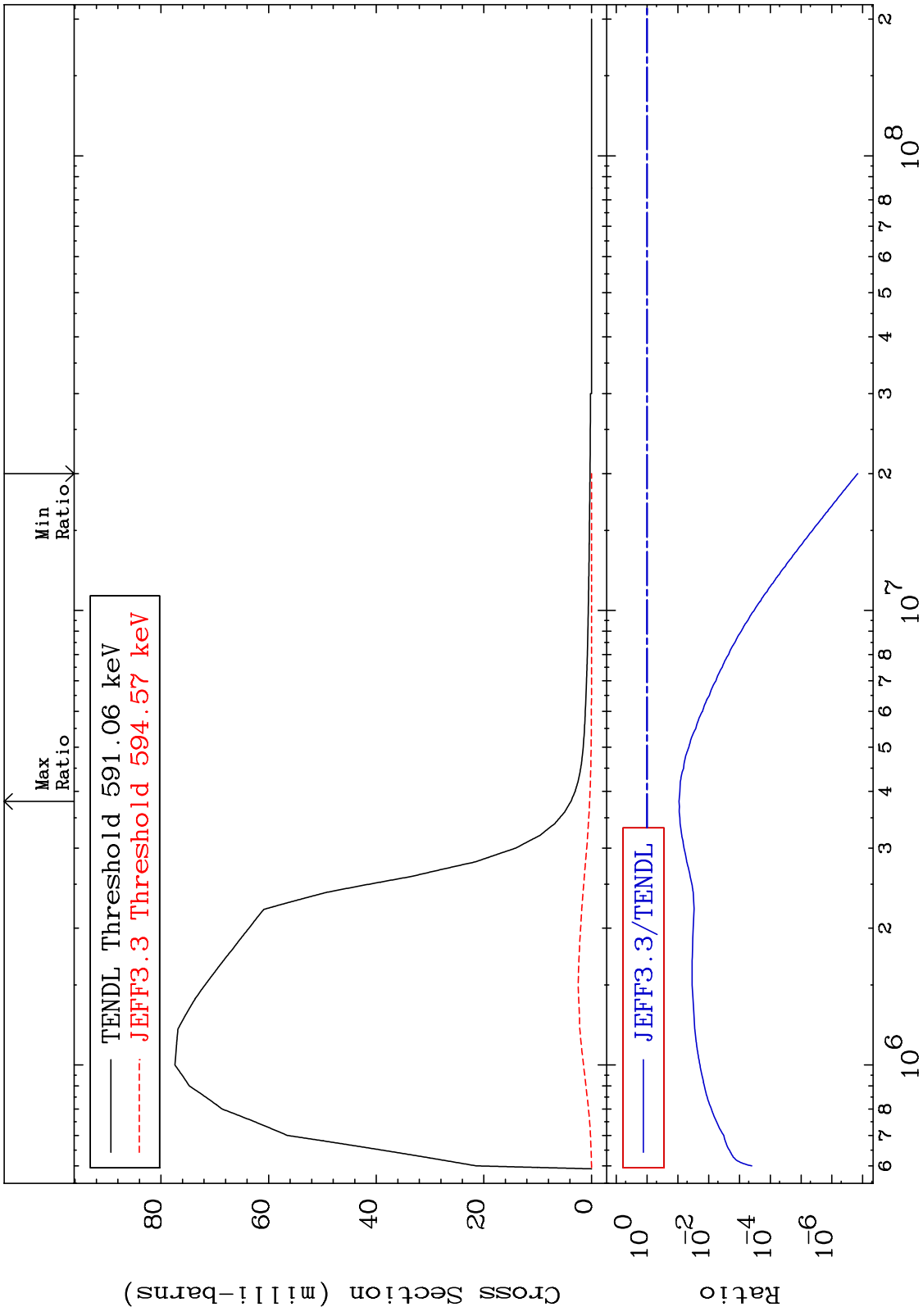
MAT 7725 MT= 61 (n,n') Level Cross Section 77-Ir-191 -100.0 To -82.67%



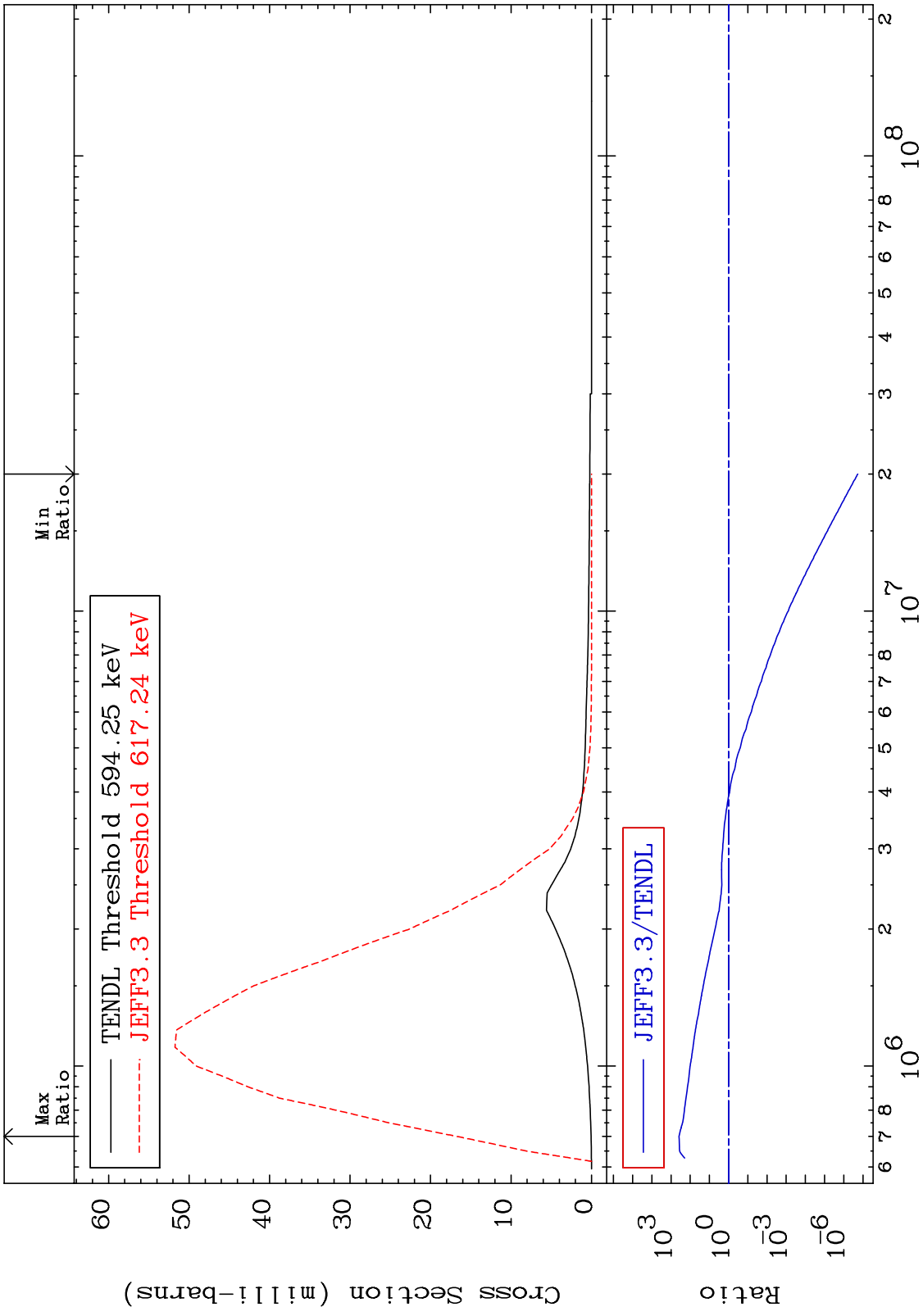
MAT 7725 MT= 62 (n,n') Level Cross Section 77-Ir-191 -100.0 To 9999. %



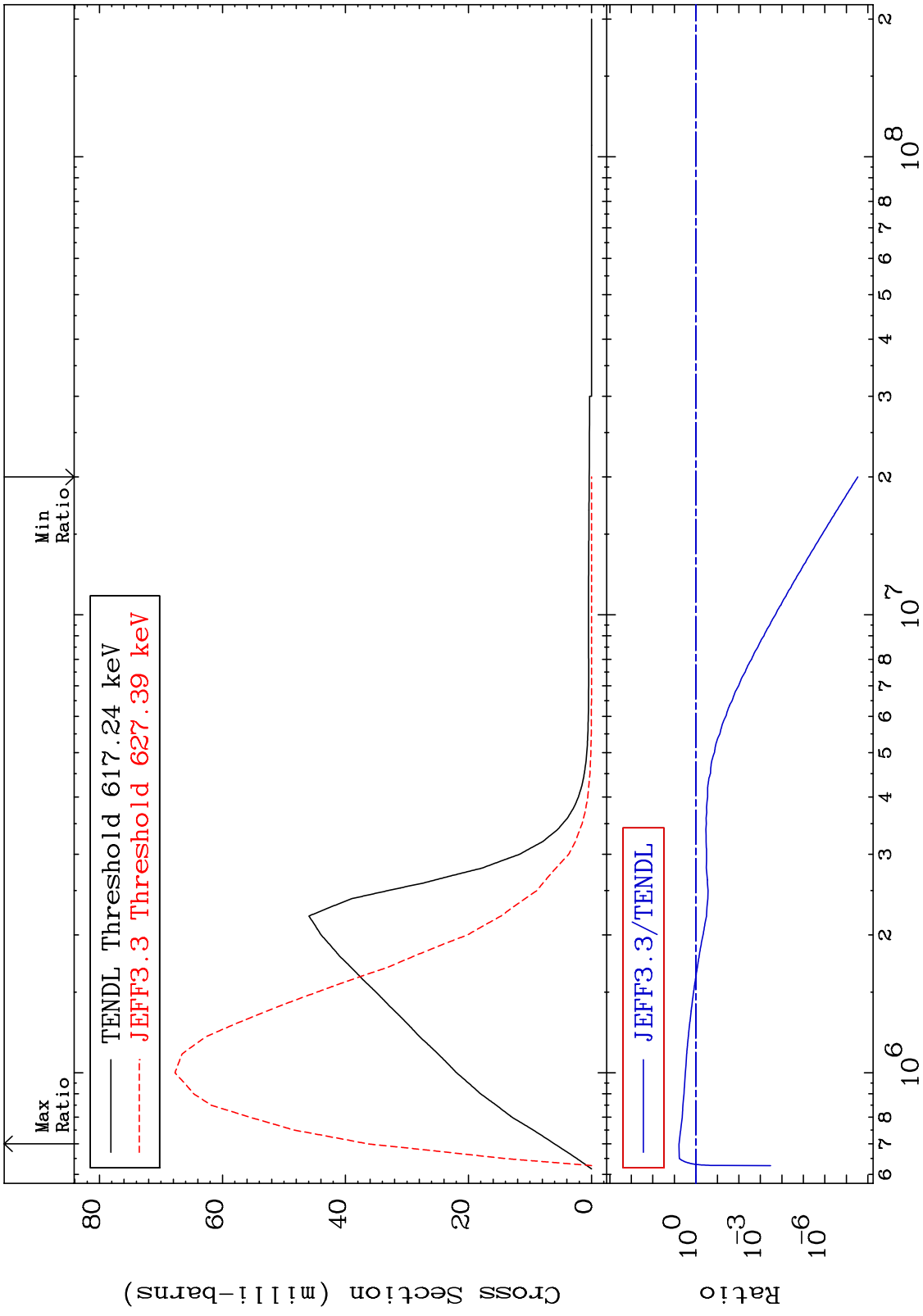
MAT 7725 MT= 63 (n,n') Level Cross Section 77-Ir-191 -100.0 To -90.82%



MAT 7725 MT= 64 (n,n') Level Cross Section 77-Ir-191
 -100.0 To 9999. %

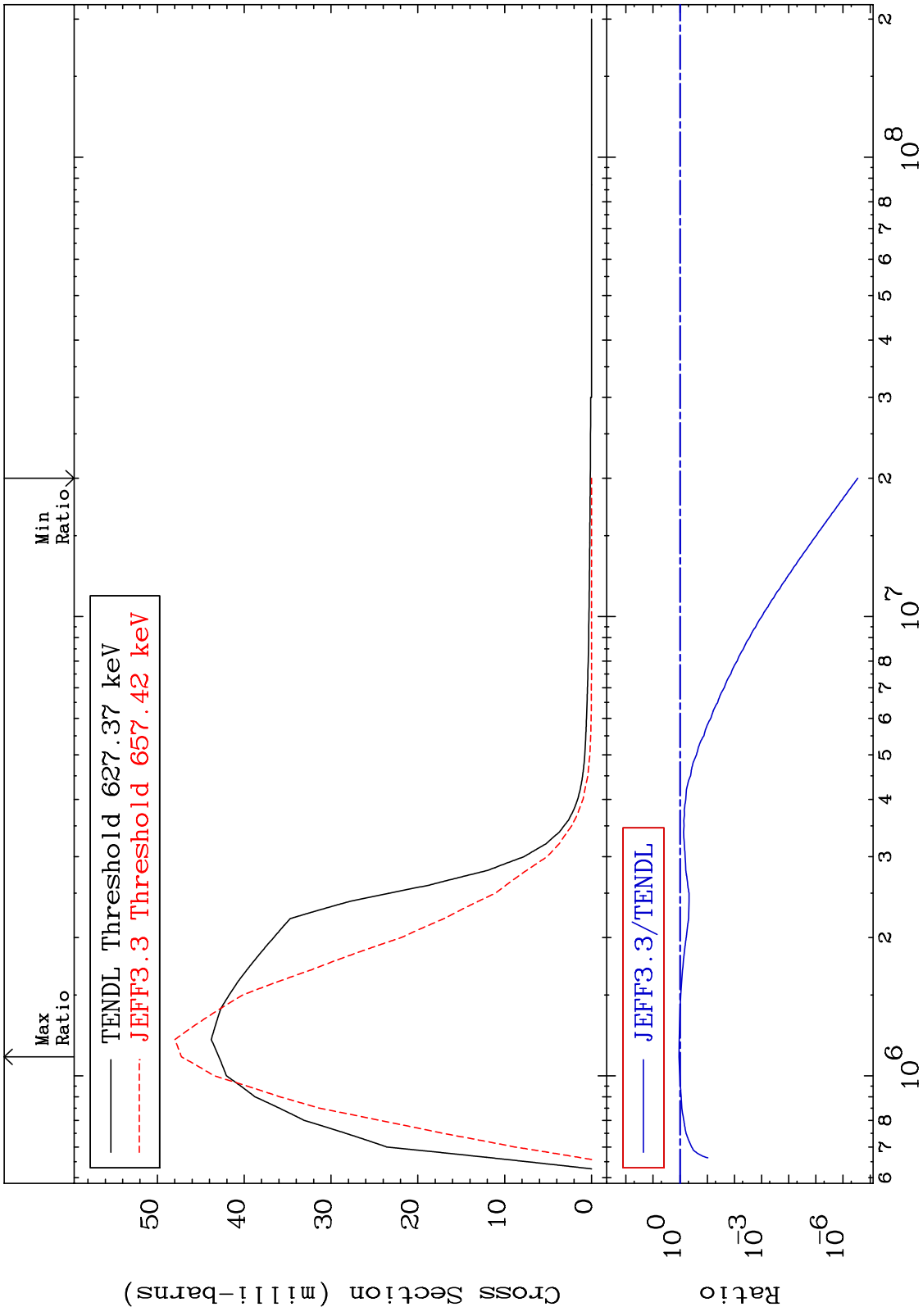


MAT 7725 MT= 65 (n,n') Level Cross Section 77-Ir-191
 -100.0 To 503.9 %

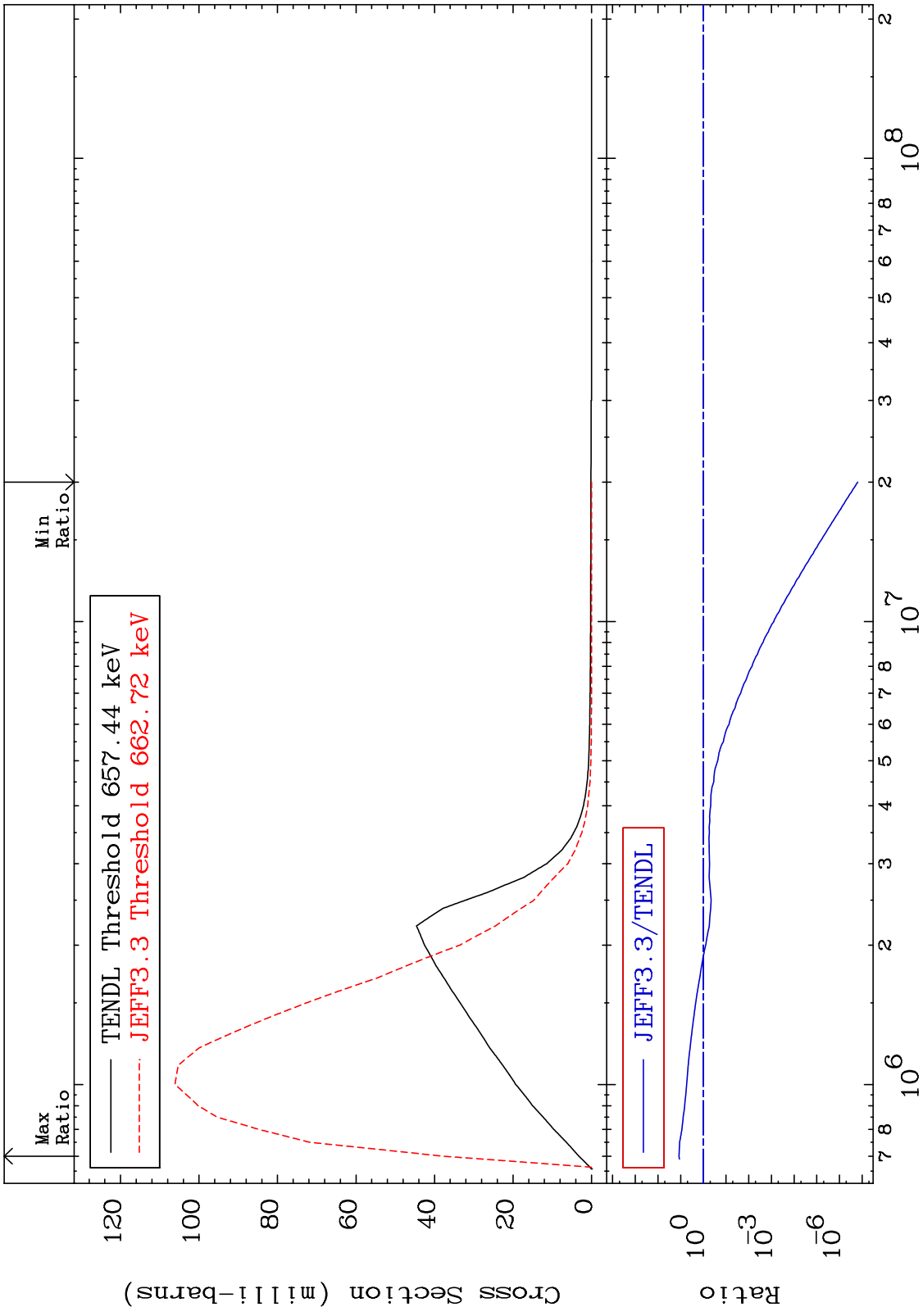


24 77-Ir-191

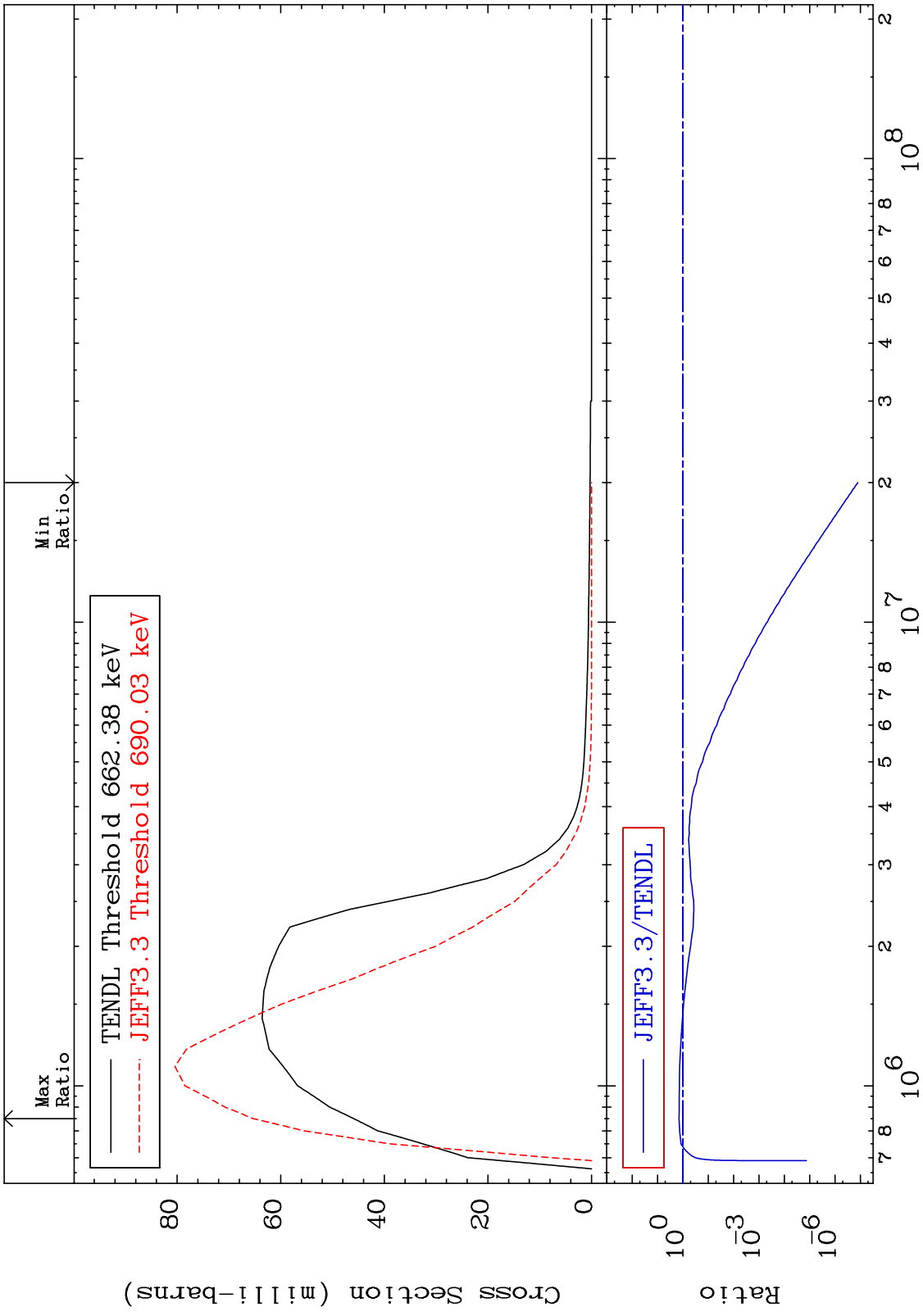
MAT 7725 MT= 66 (n,n') Level 77-Ir-191
Cross Section -100.0 To 10.04 %



MAT 7725 MT= 67 (n,n') Level Cross Section 77-Ir-191
 -100.0 To 1077. %

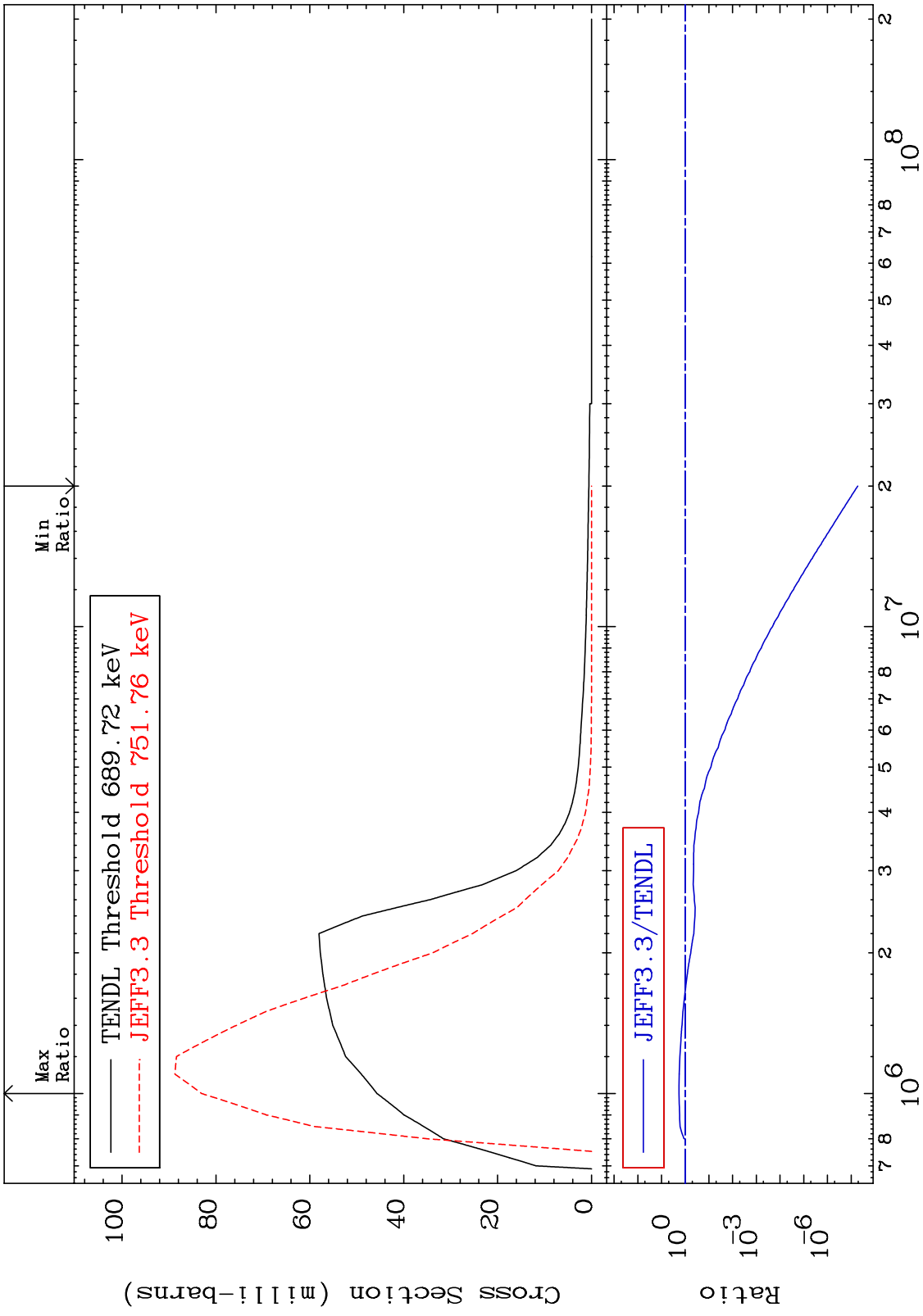


MAT 7725 MT= 68 (n,n') Level Cross Section 77-Ir-191
 -100.0 To 42.24 %

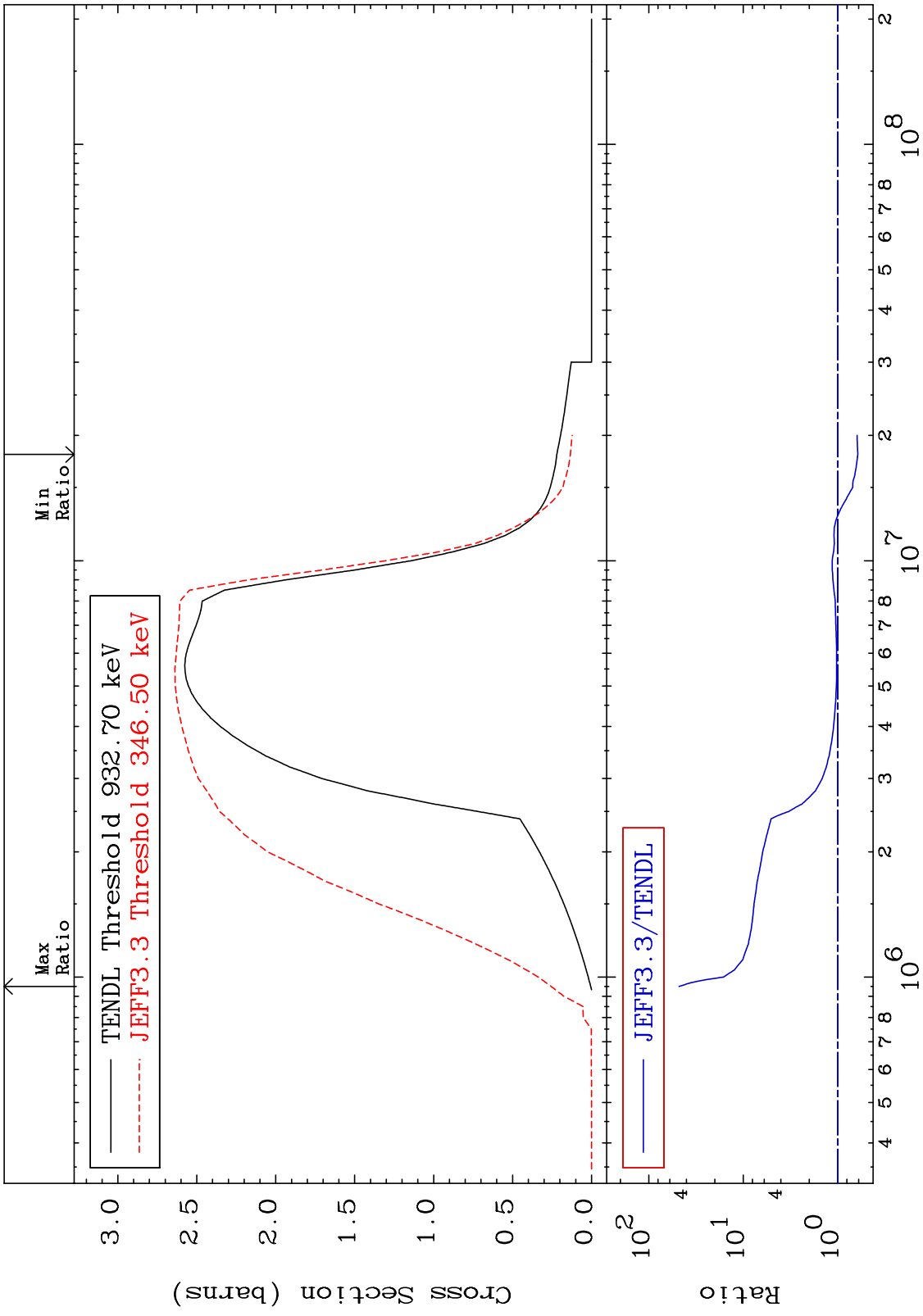


77-Ir-191 Incident Energy (eV)

MAT 7725 MT= 69 (n,n') Level Cross Section 77-Ir-191
 -100.0 To 81.76 %

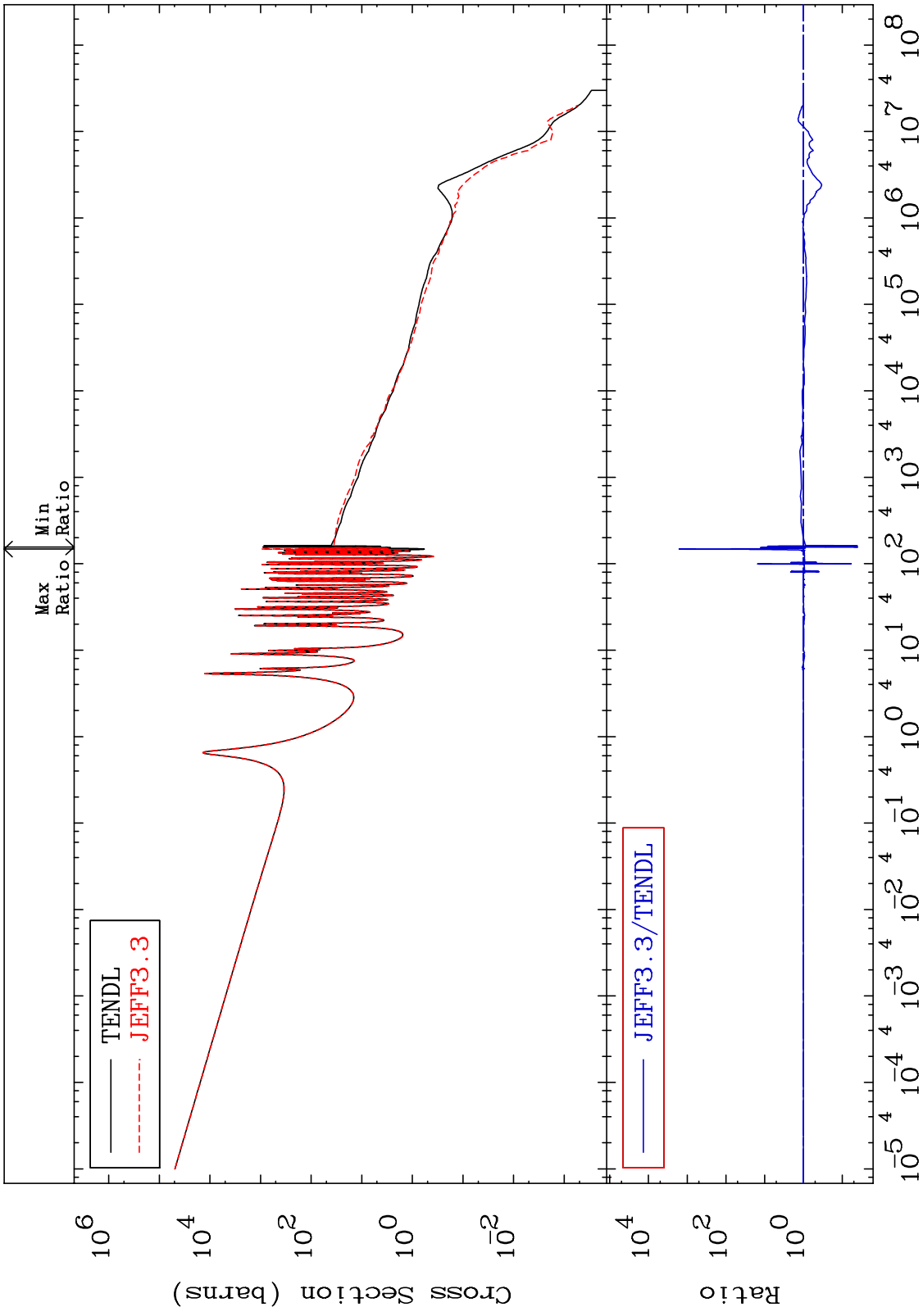


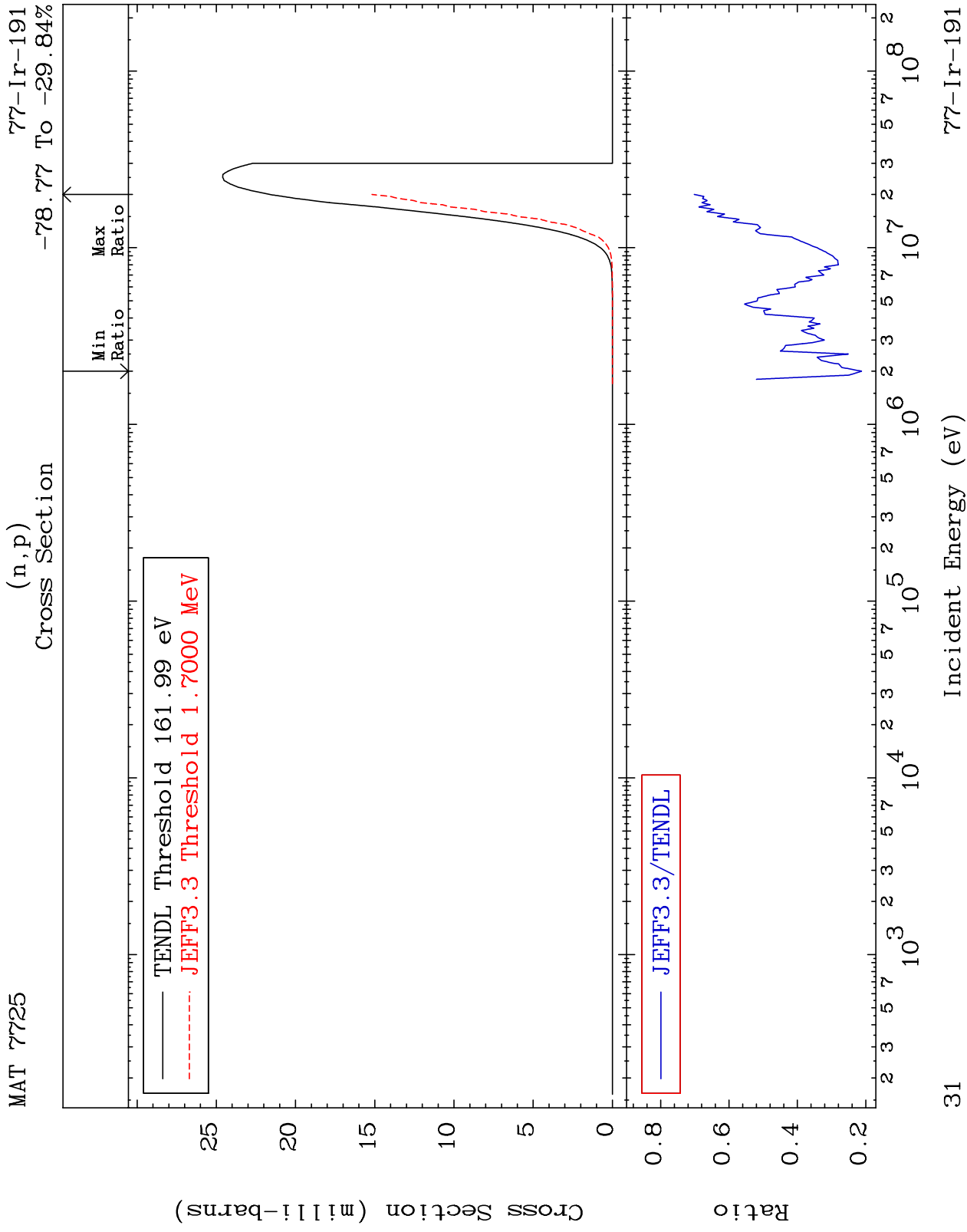
MAT 7725 (n,n') Continuum Cross Section 77-Ir-191 -38.93 To 4680. %



29 77-Ir-191

MAT 7725 (n, γ) Cross Section $^{77}\text{Ir-191}$ -96.06 To 9999. %





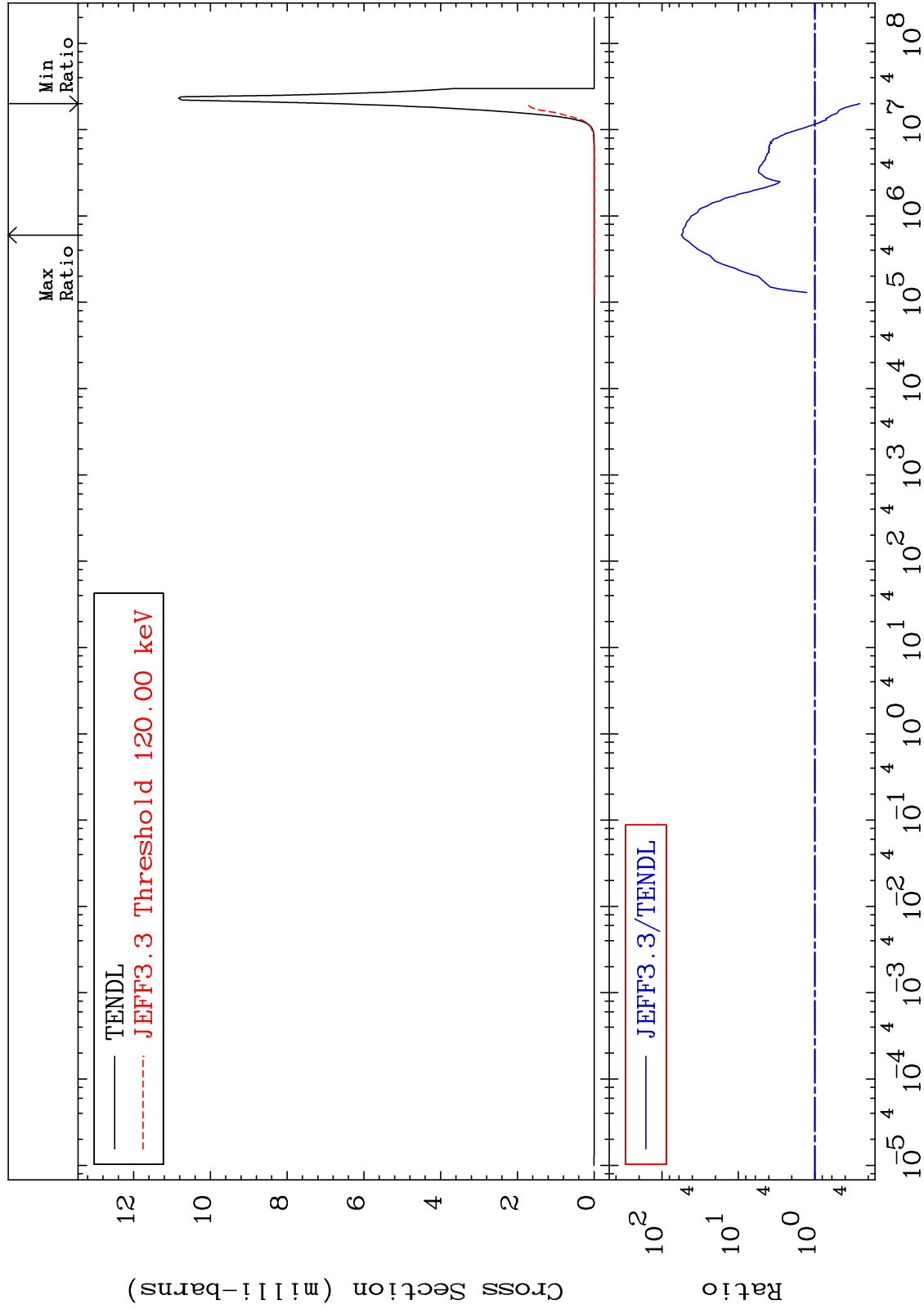
MAT 7725

(n, α)

77-Ir-191

Cross Section

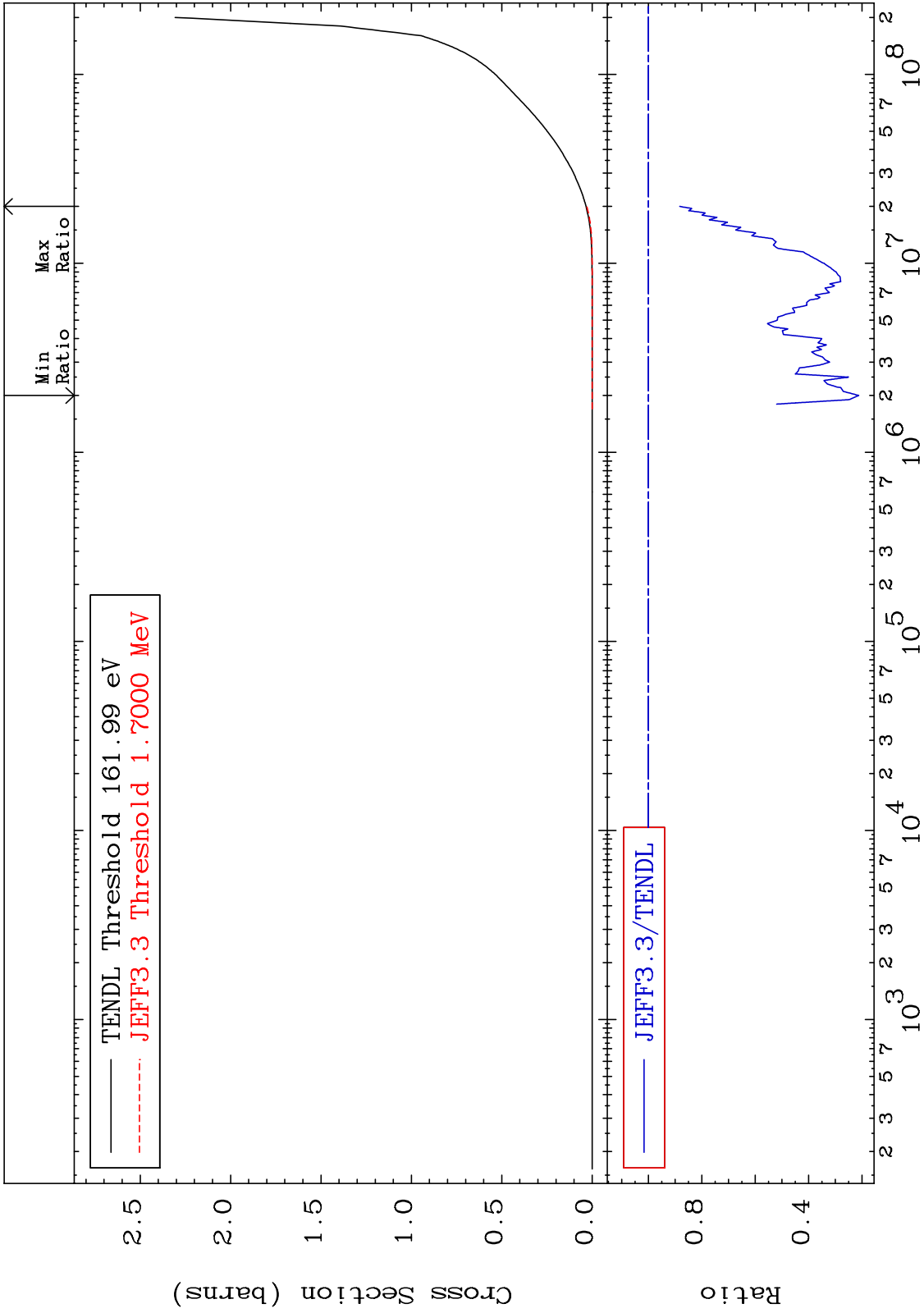
-74.24 To 5461. %



MAT 7725

Hydrogen Production Cross Section

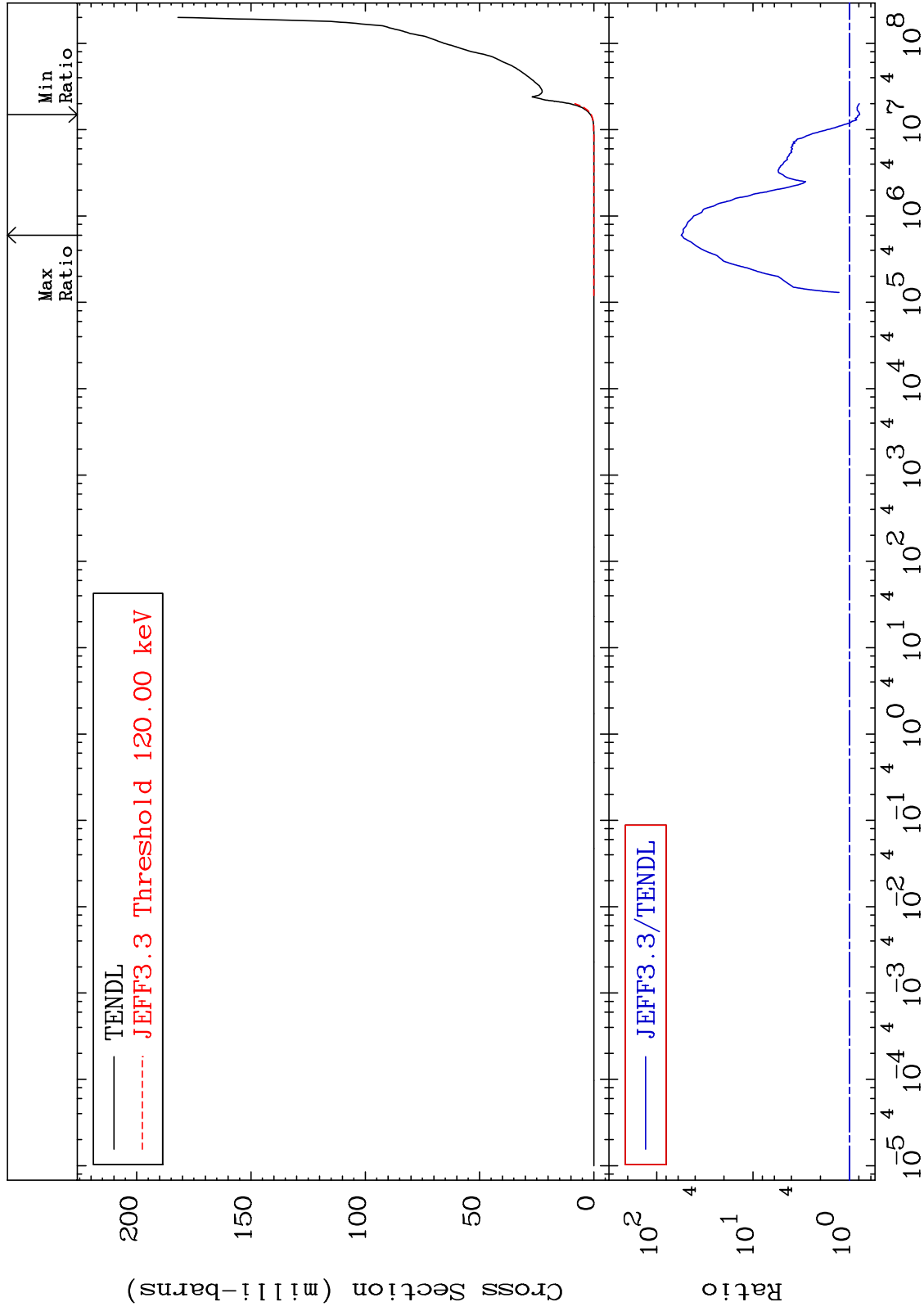
⁷⁷Ir-191
-78.77 To -11.73%



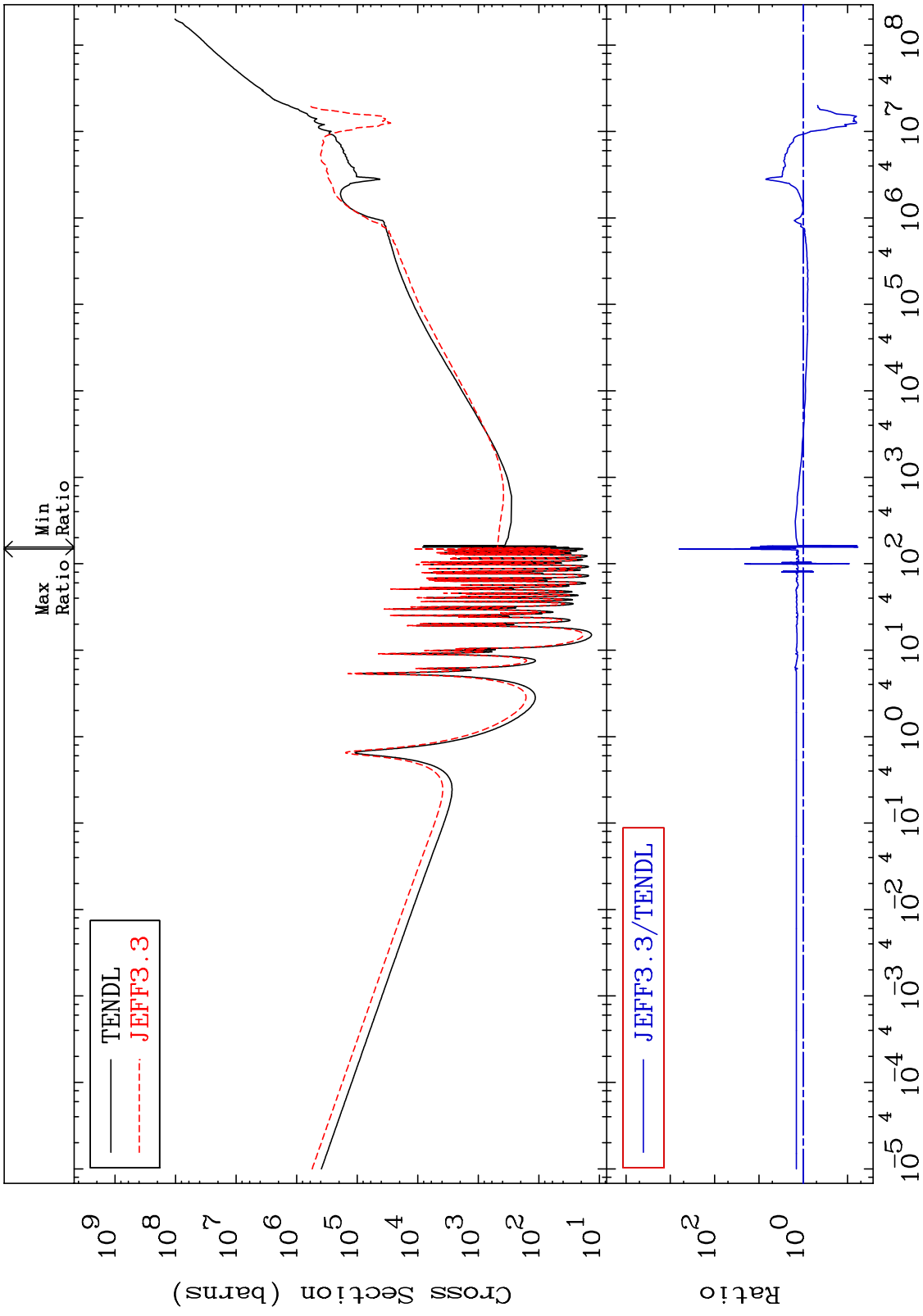
MAT 7725

He-4 Production
Cross Section

77-Ir-191
-21.80 To 5461. %



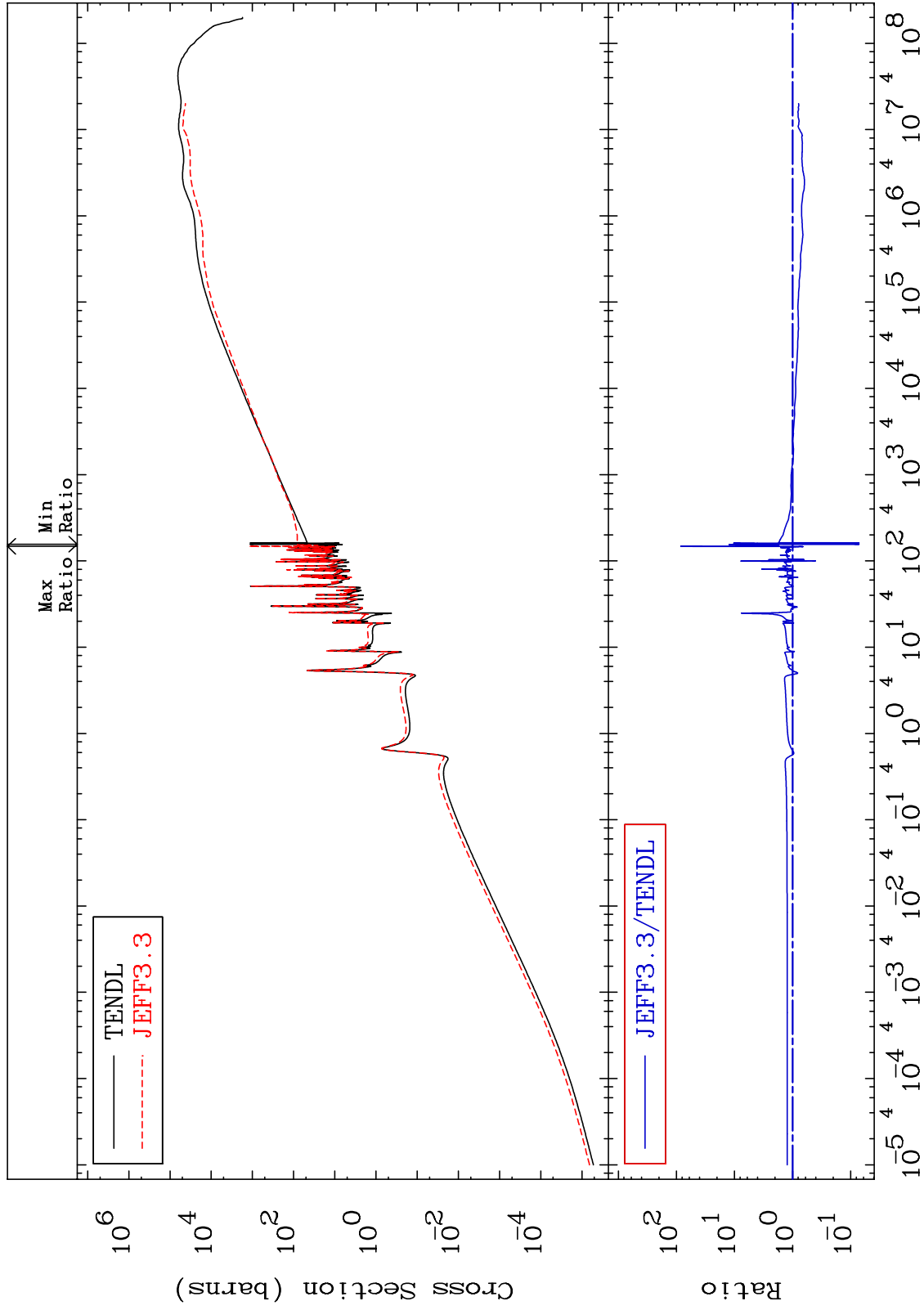
MAT 7725 Kerma total (eV-barns) 77-Ir-191
 -94.17 To 9999. %
 Cross Section



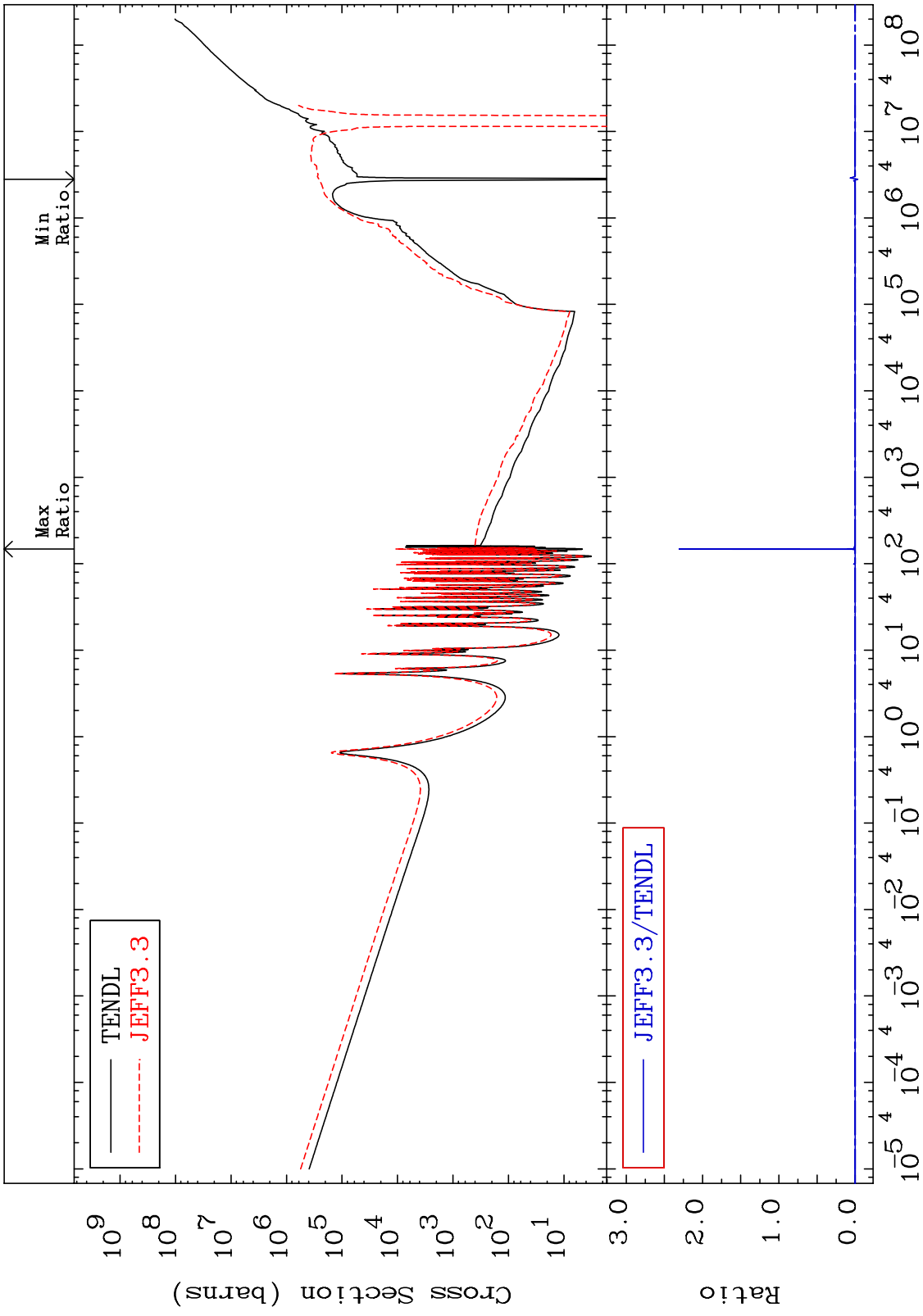
MAT 7725

Kerma elastic
Cross Section

77-Ir-191
-92.81 To 8355. %

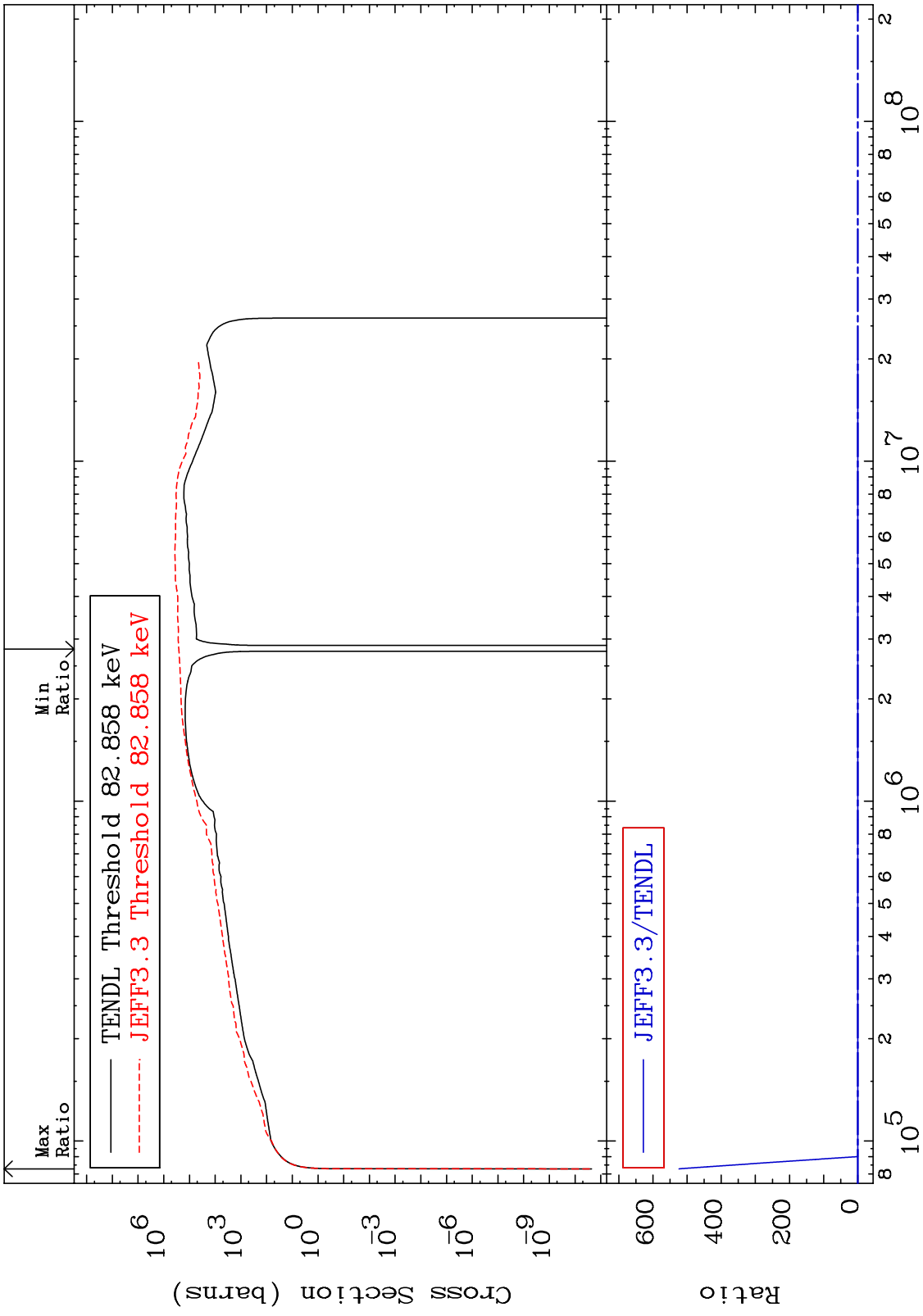


MAT 7725 Kerma non-elastic (all but mt2) 77-Ir-191
 -3541. To 9999. %
 Cross Section



37 Incident Energy (eV) 77-Ir-191

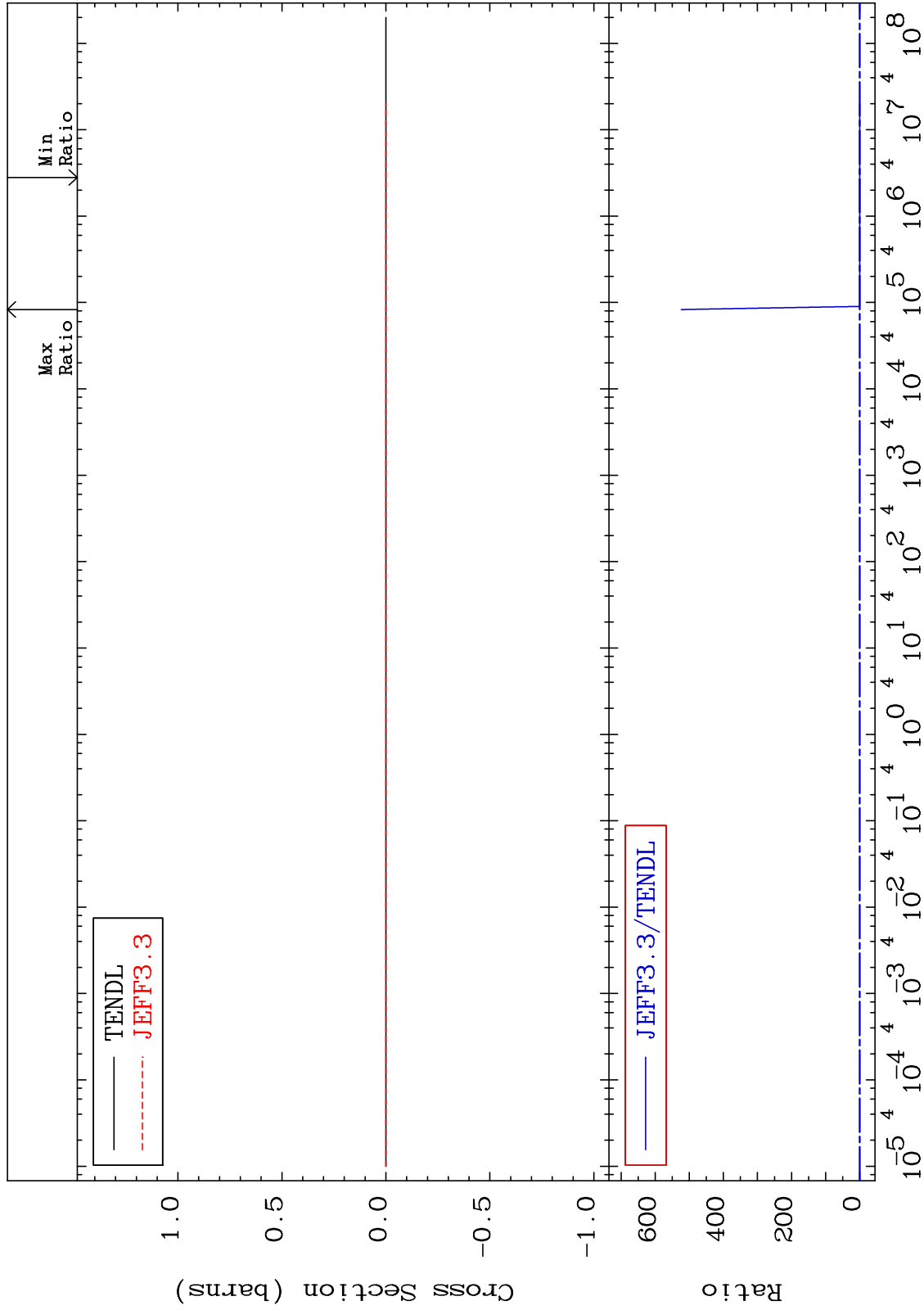
MAT 7725 Kerma inelastic (mt51-91) 77-Ir-191
 -3539. To 9999. %
 Cross Section



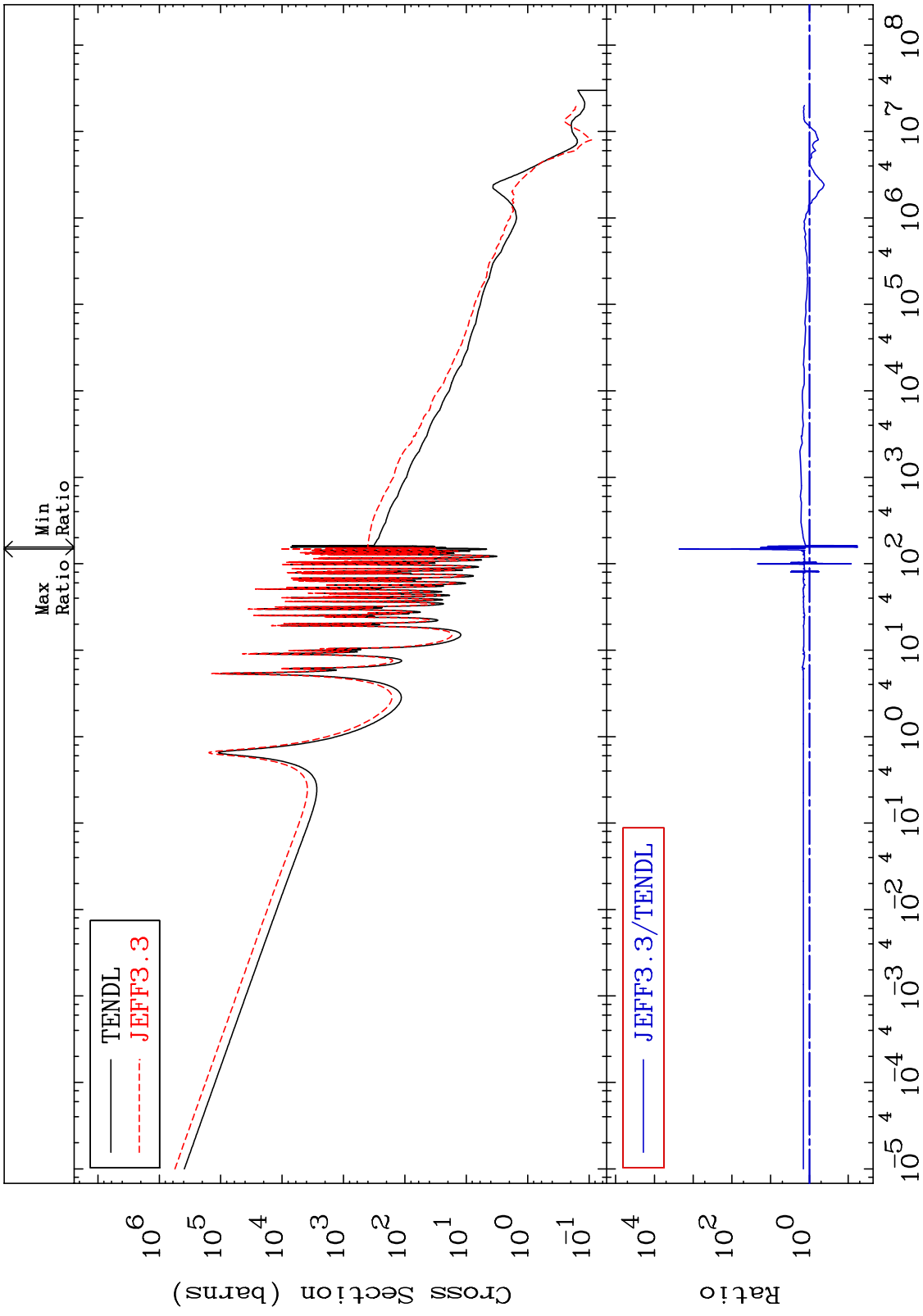
MAT 7725

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

77-Ir-191
-3539. To 9999. %

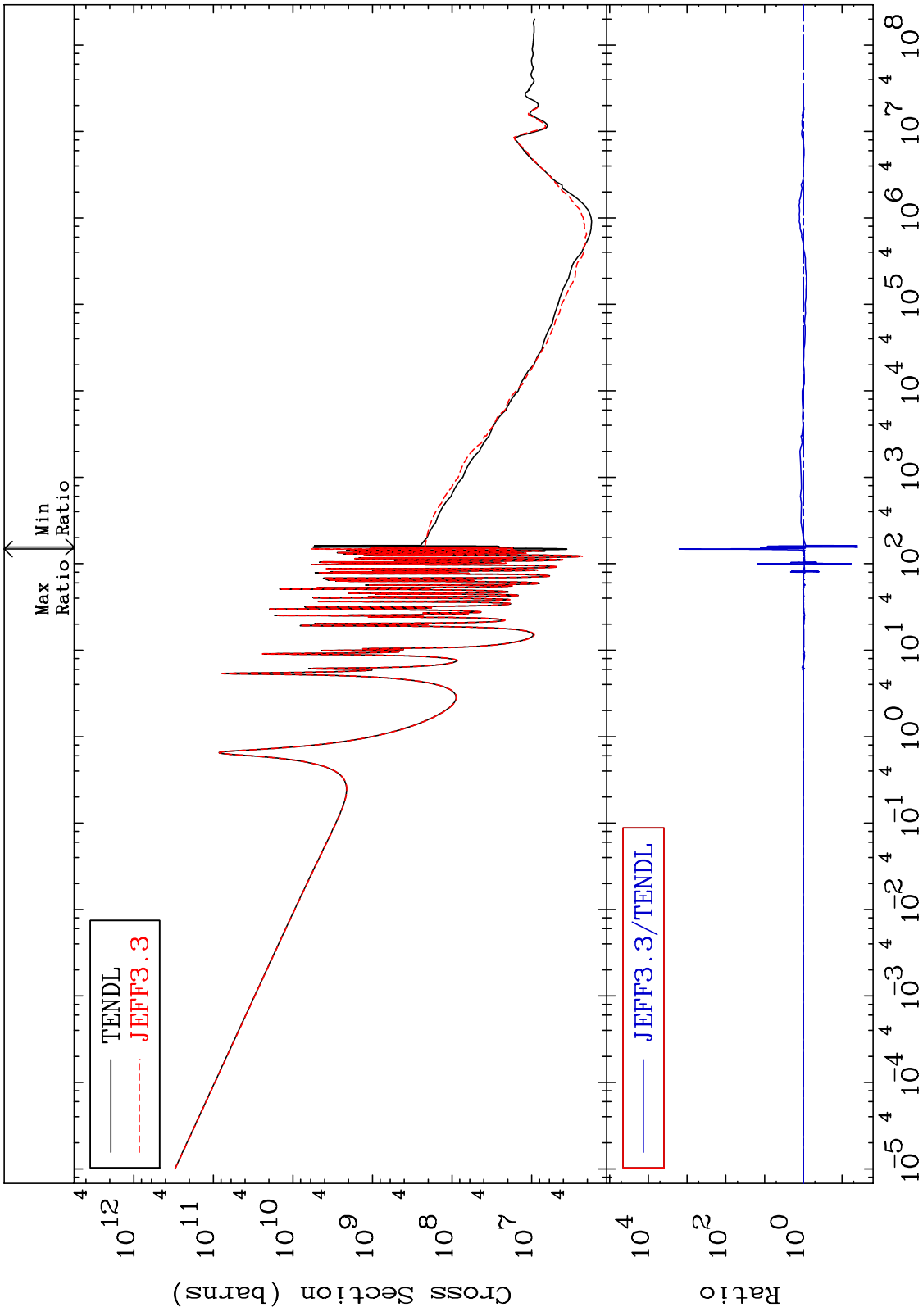


MAT 7725 Kerma capture (mt102) 77-Ir-191
-94.38 To 9999. %



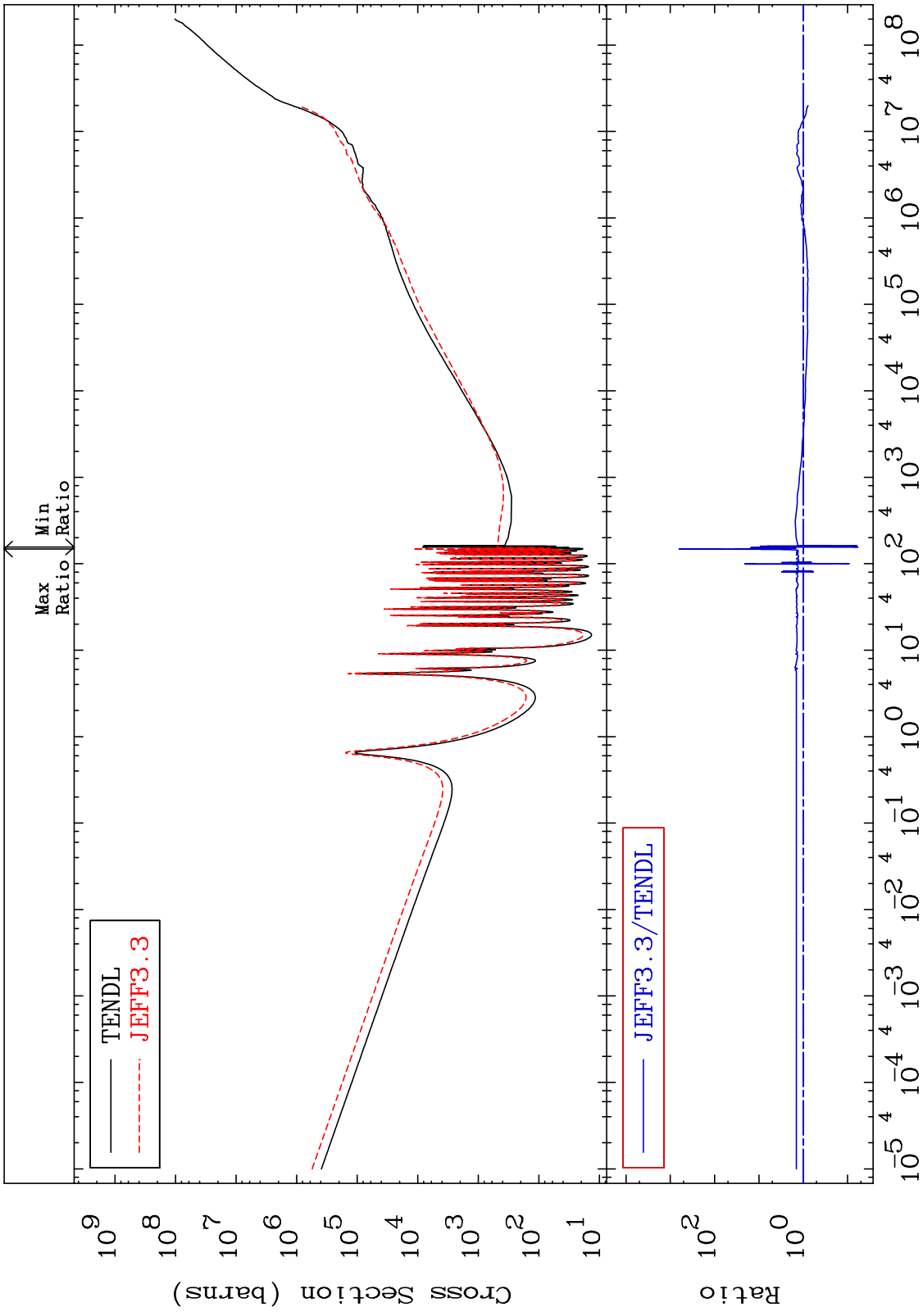
40 77-Ir-191

MAT 7725 77-Ir-191
 Total photon (eV-barns) -96.08 To 9999. %
 Cross Section

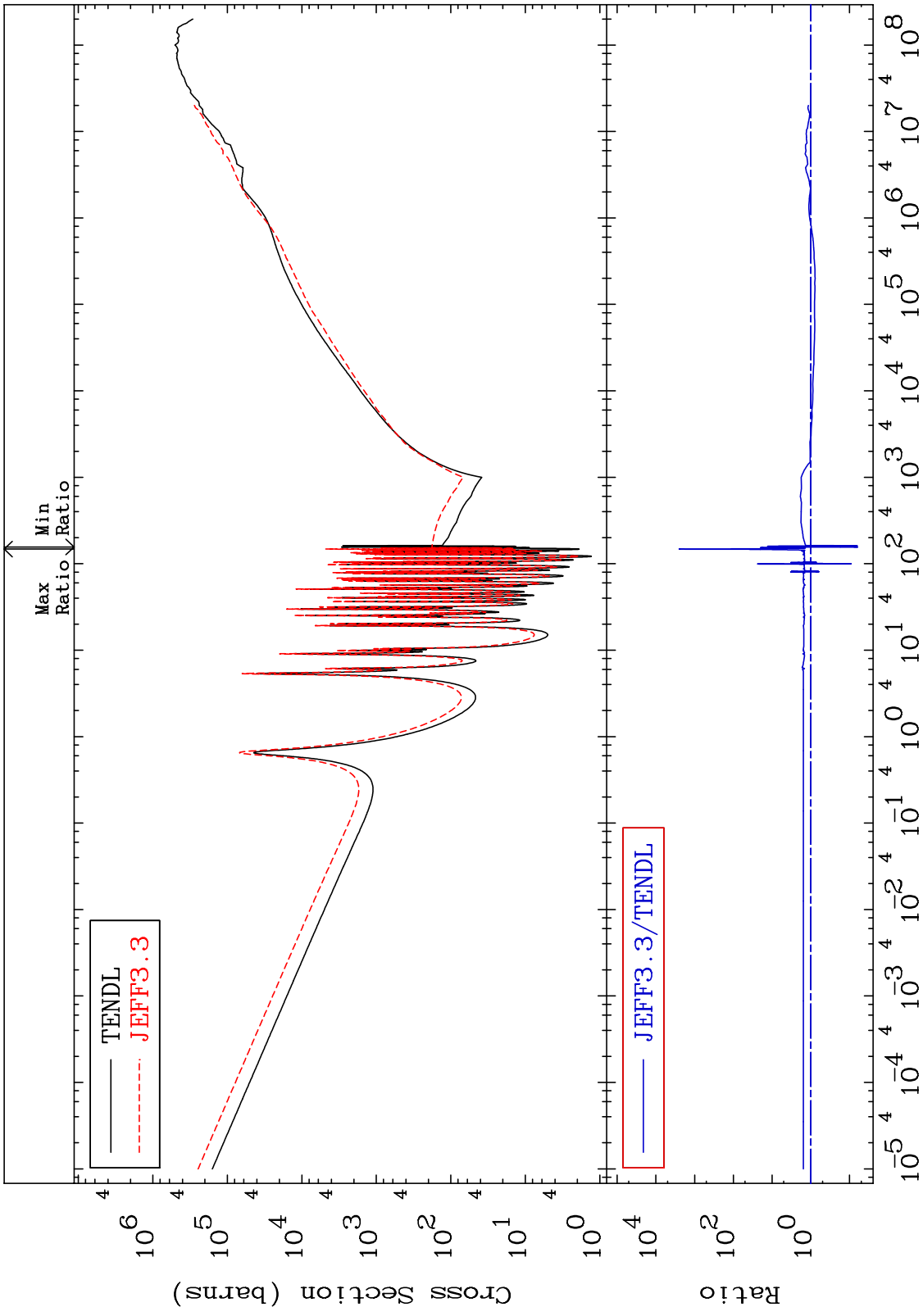


41 77-Ir-191

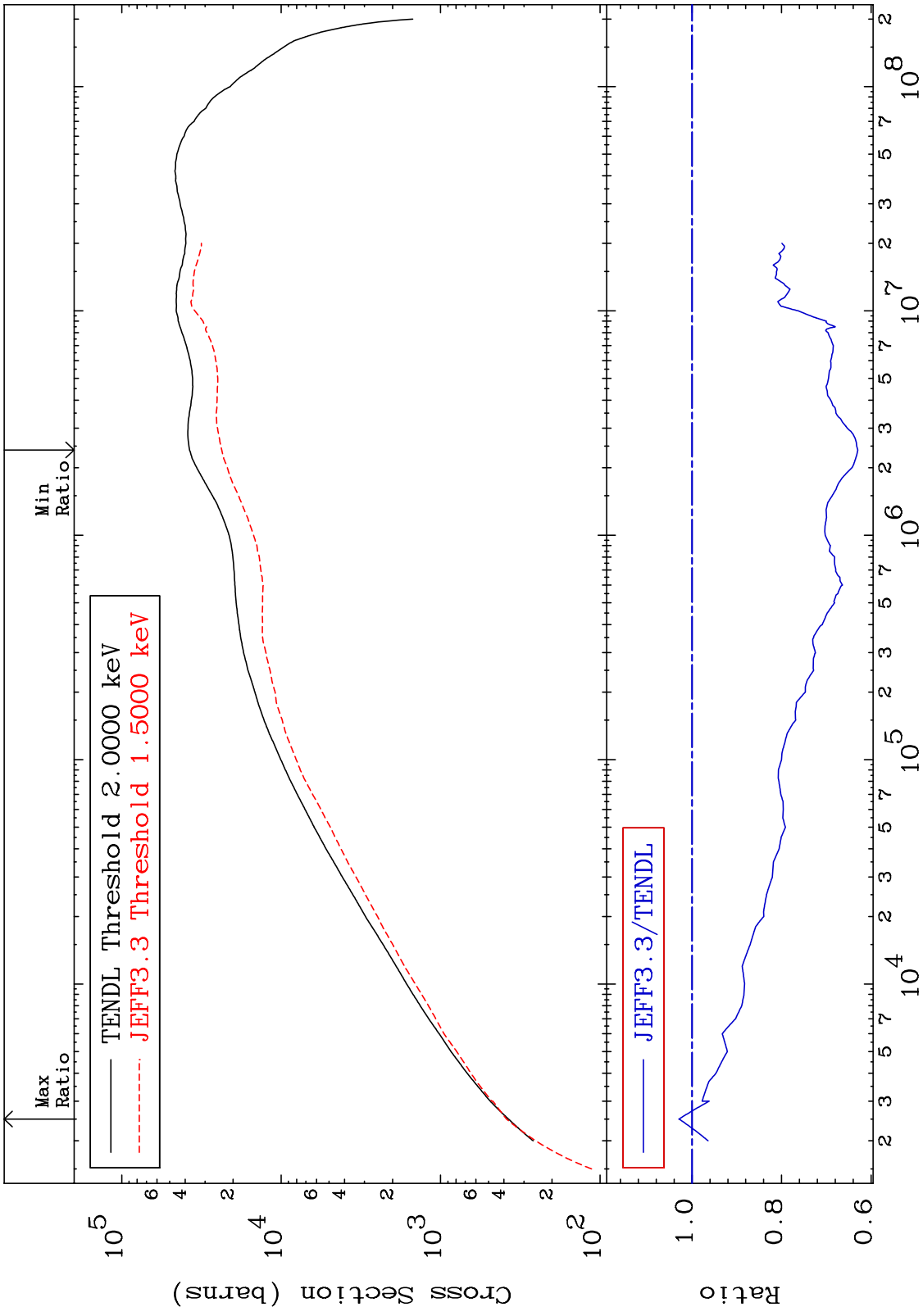
MAT 7725 Total kinematic kerma (high limit) 77-Ir-191
 Cross Section -94.17 To 9999. %



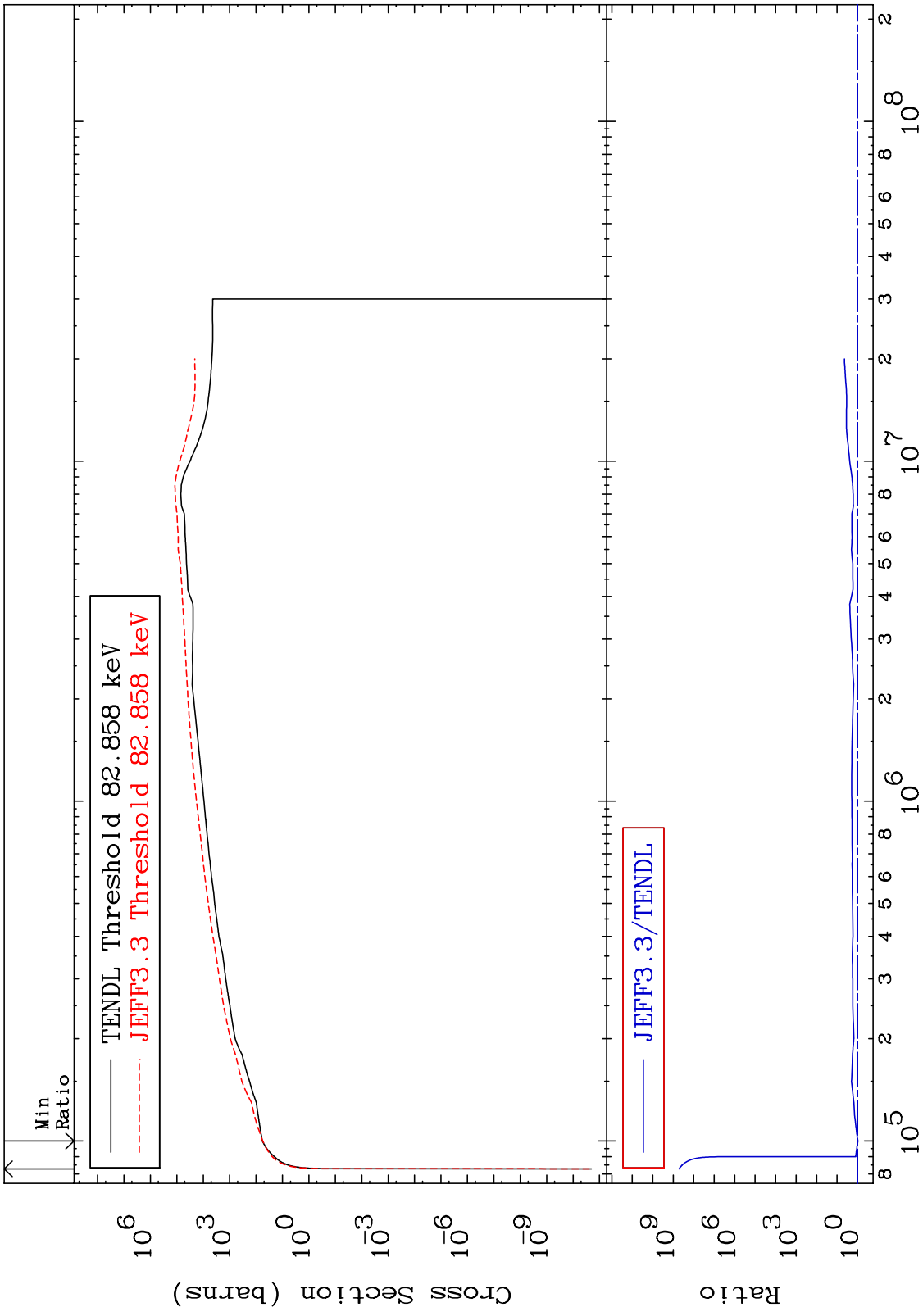
MAT 7725 Dpa total (eV-barns) 77-Ir-191
 -93.87 To 9999. %
 Cross Section



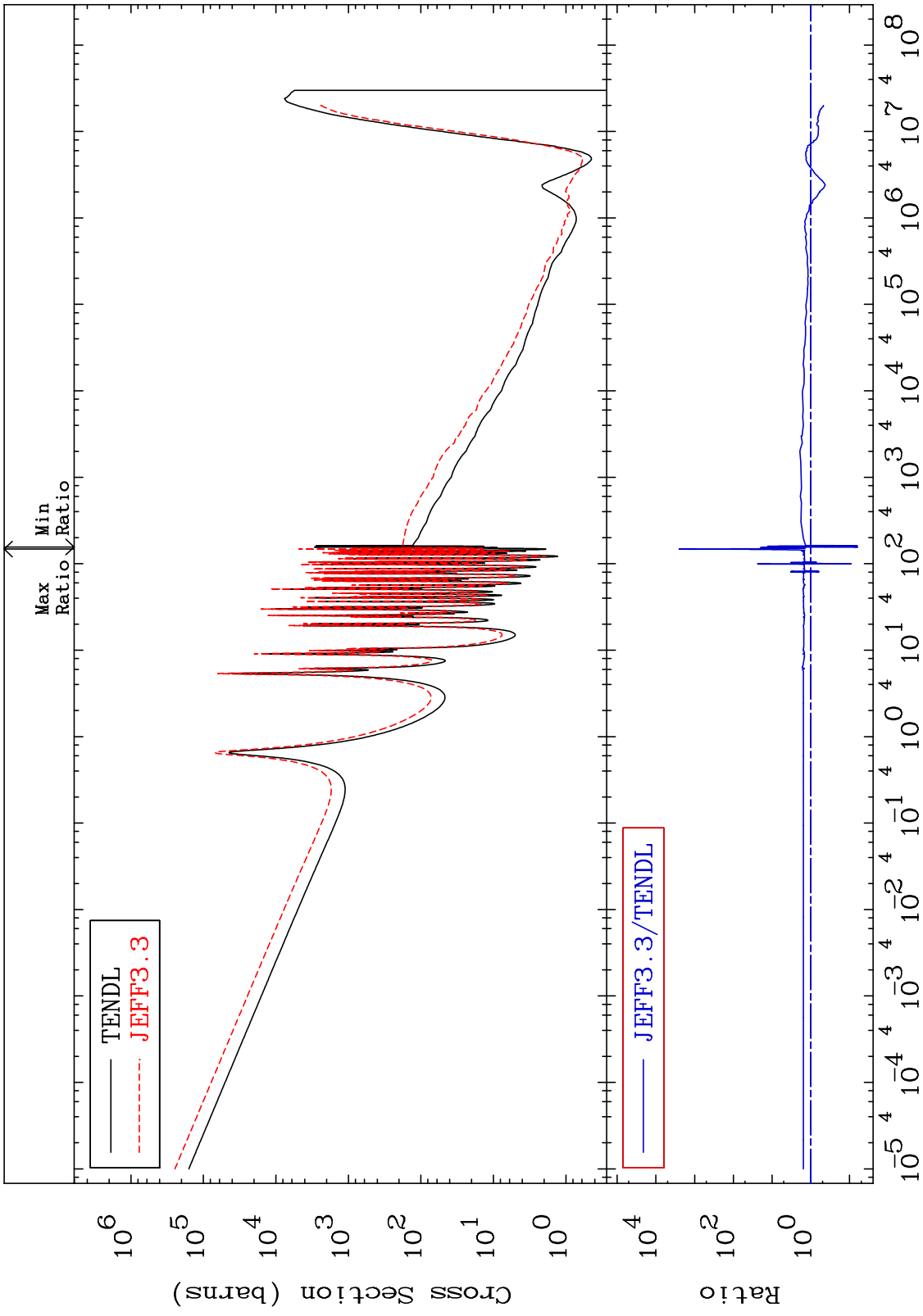
MAT 7725 77-Ir-191
 Dpa elastic (mt2) -37.04 To 2.904 %
 Cross Section



MAT 7725 Dpa inelastic (mt51-91) 77-Ir-191
Cross Section -3.263 To 9999. %



MAT 7725 Dpa disappearance (mt102 -120) 77-Ir-191
 Cross Section -93.87 To 9999. %

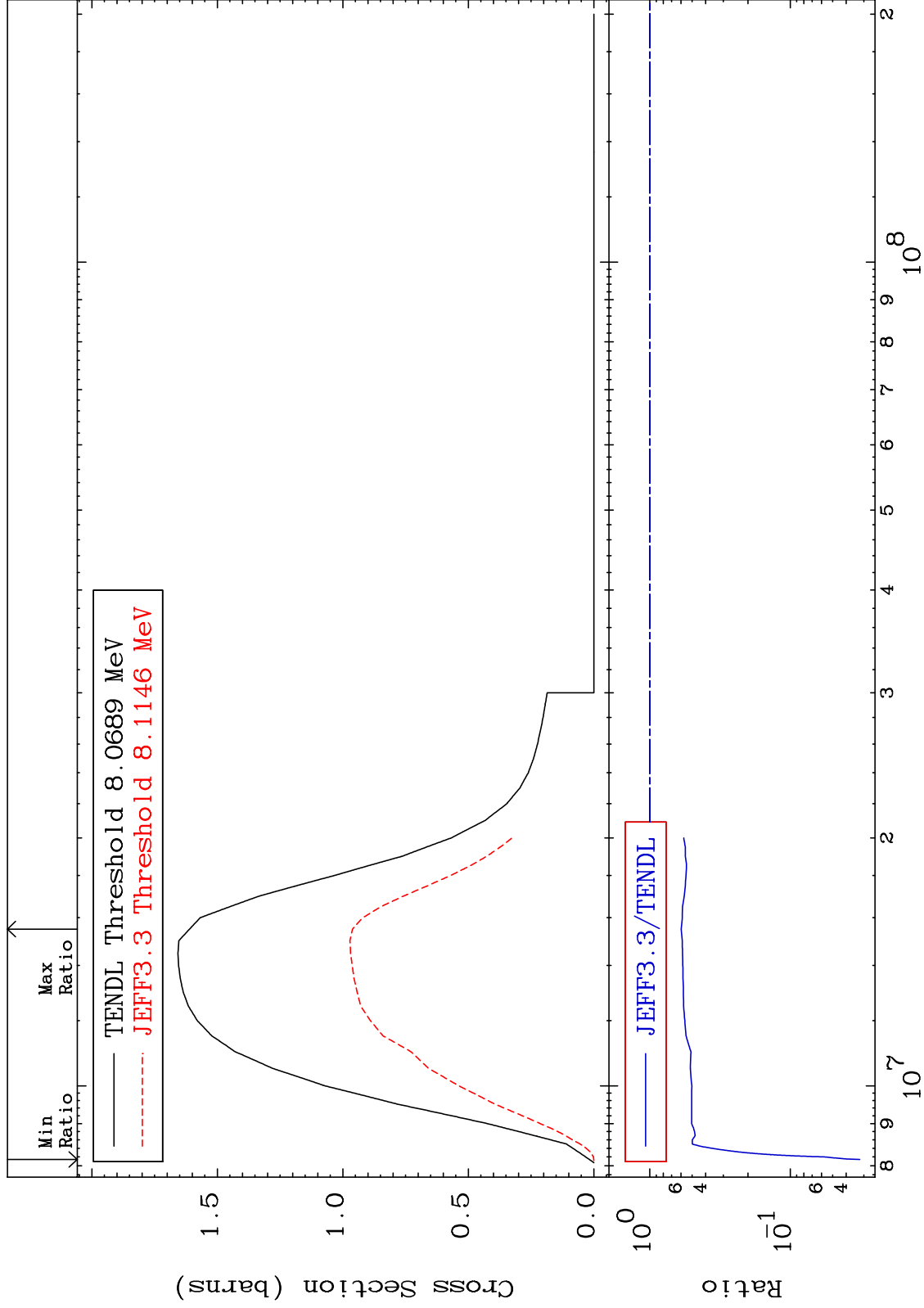


MAT 7725

(n,2n):77-Ir-190g

77-Ir-191

Radionuclide Production Cross Section -96.80 To -40.30%



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Incident Energy (eV)

77-Ir-191

MAT 7725

(n,2n):77-Ir-190m2

77-Ir-191

Radionuclide Production Cross Section -32.40 To 373.9 %

