

Program Complot
(Version 2018-1)

by

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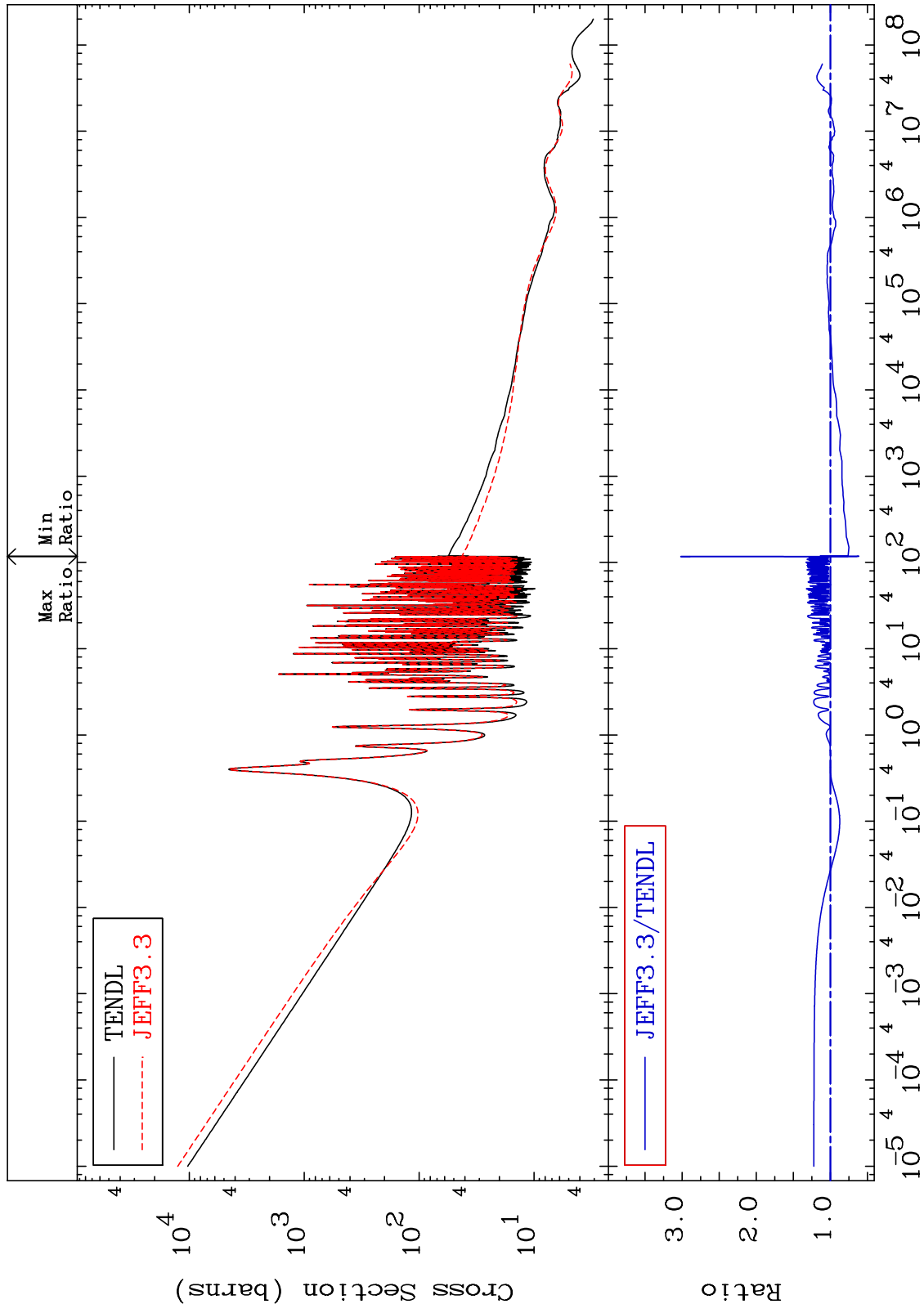
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 9131

Total Cross Section

91-Pa-231
-38.73 To 202.0 %



Incident Energy (eV)

91-Pa-231

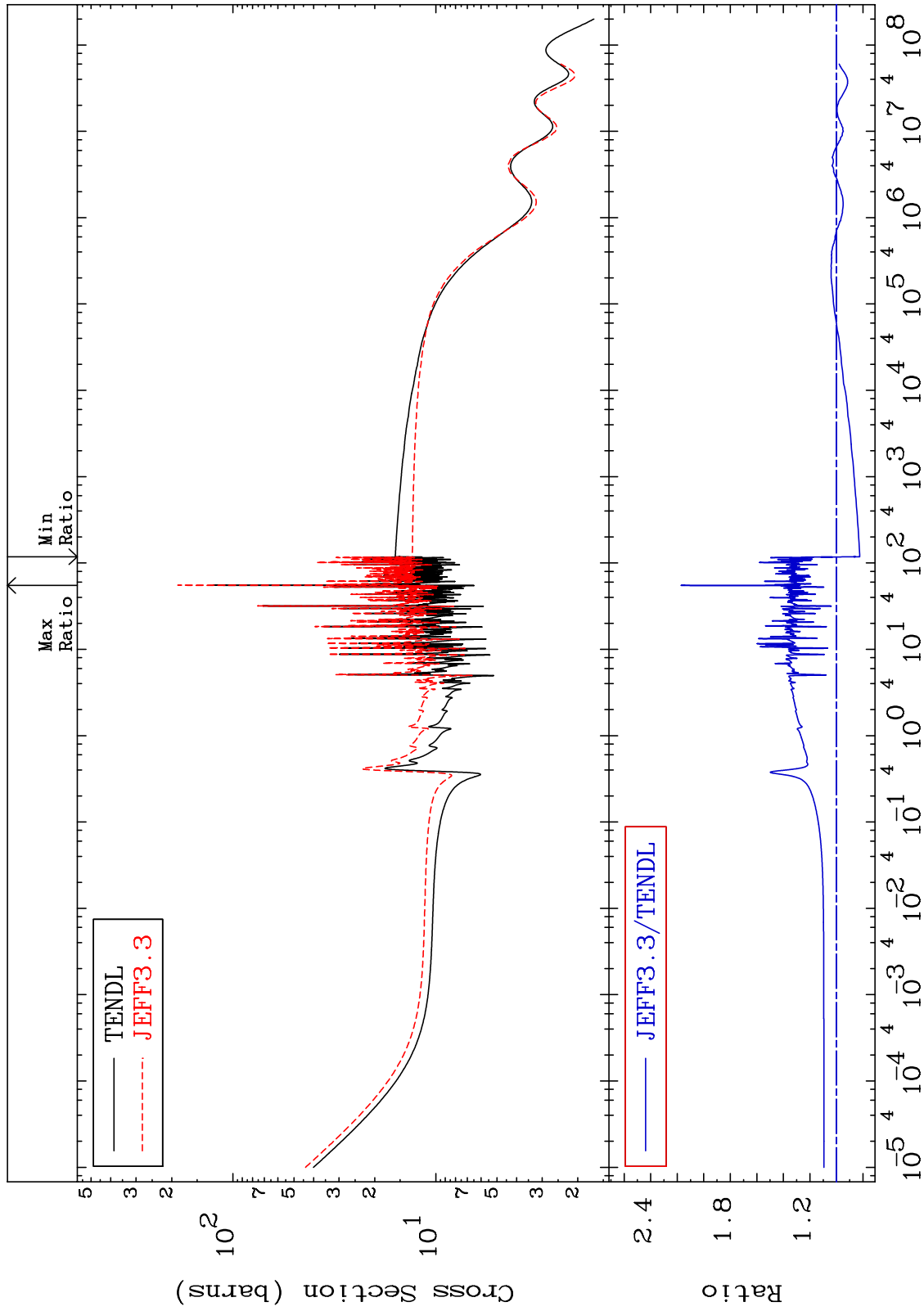
MAT 9131

Elastic

91-Pa-231

Cross Section

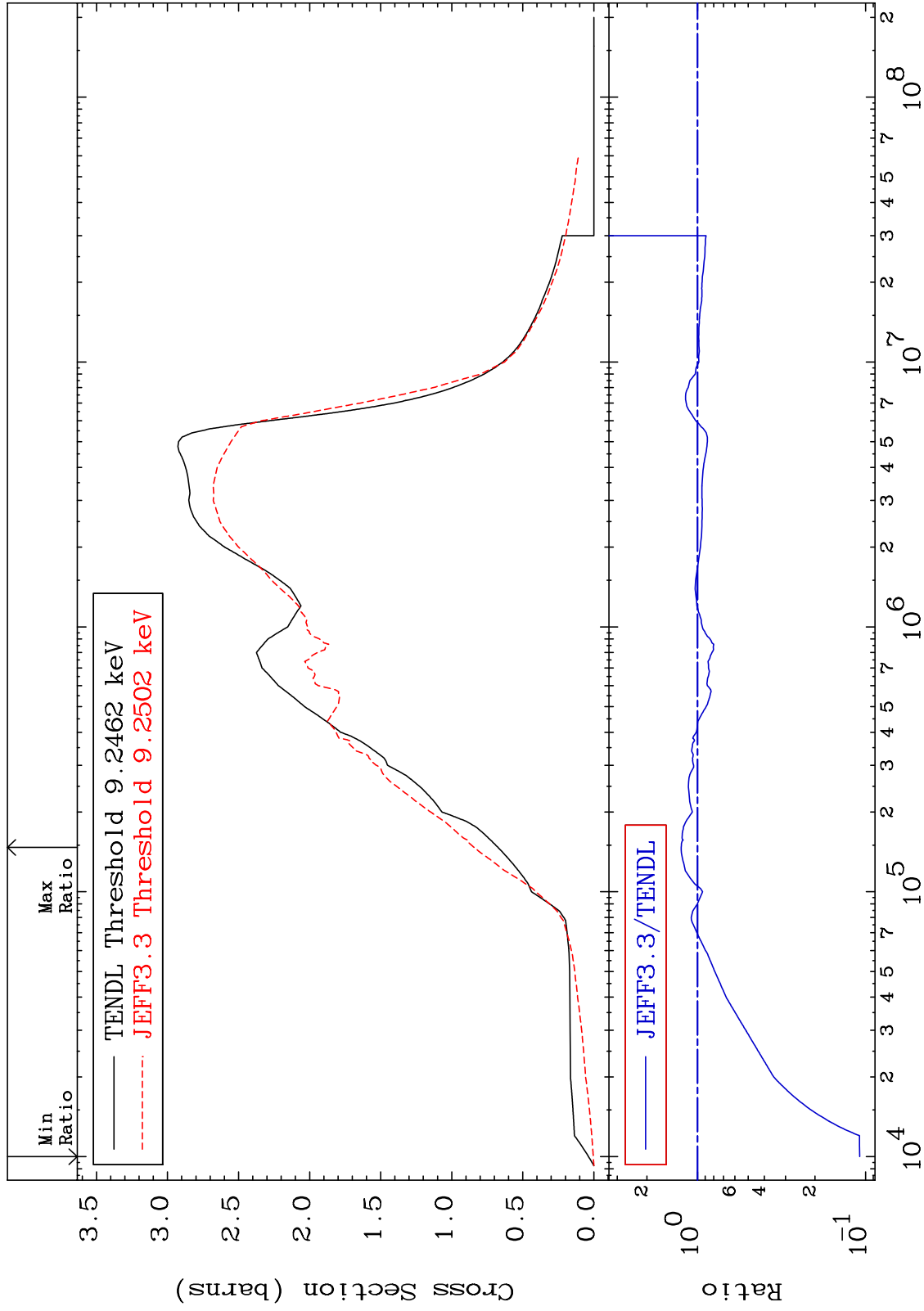
-17.57 To 117.0 %



MAT 9131

Inelastic
Cross Section

91-Pa-231
-89.16 To 24.94 %



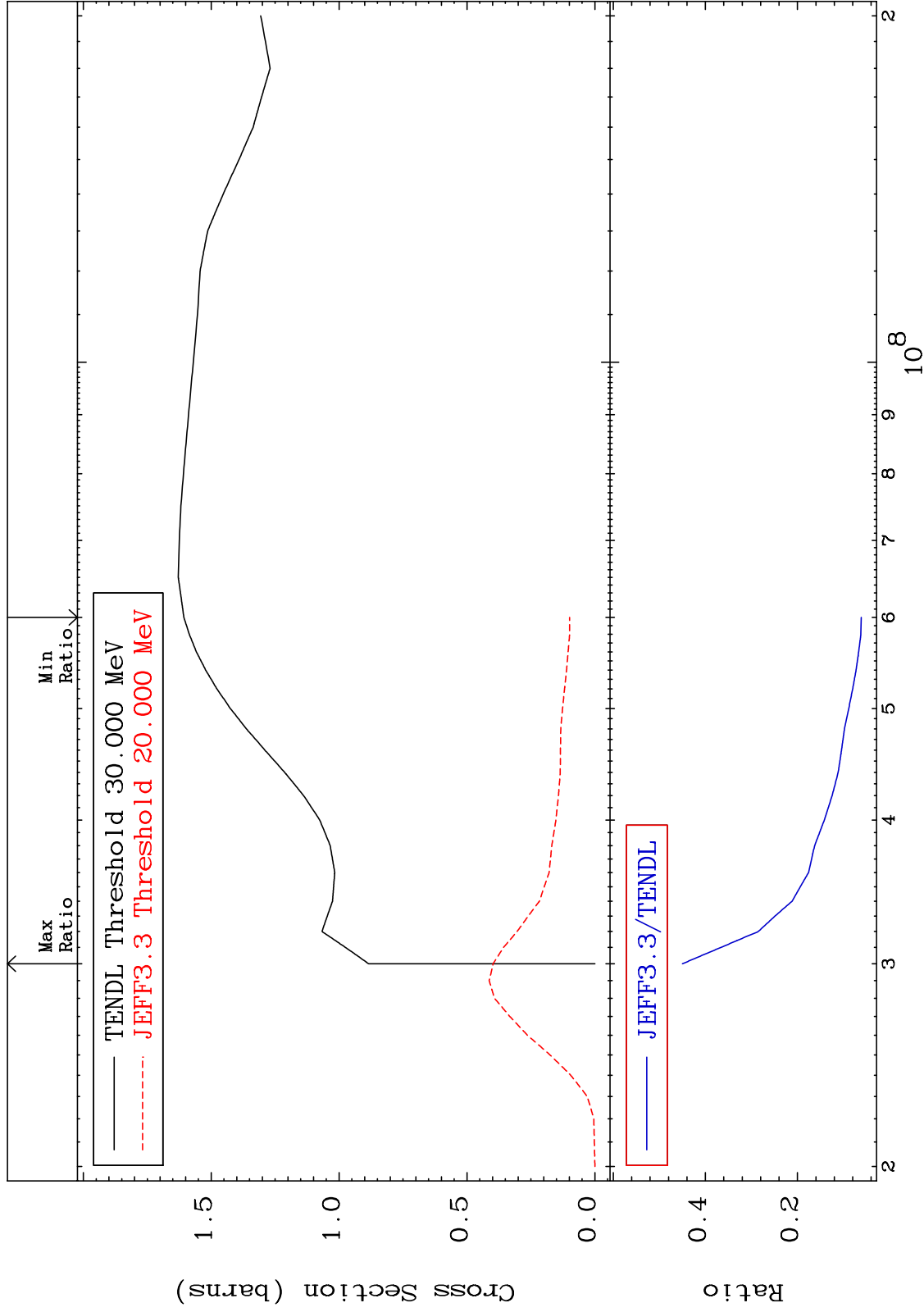
Incident Energy (eV)

91-Pa-231

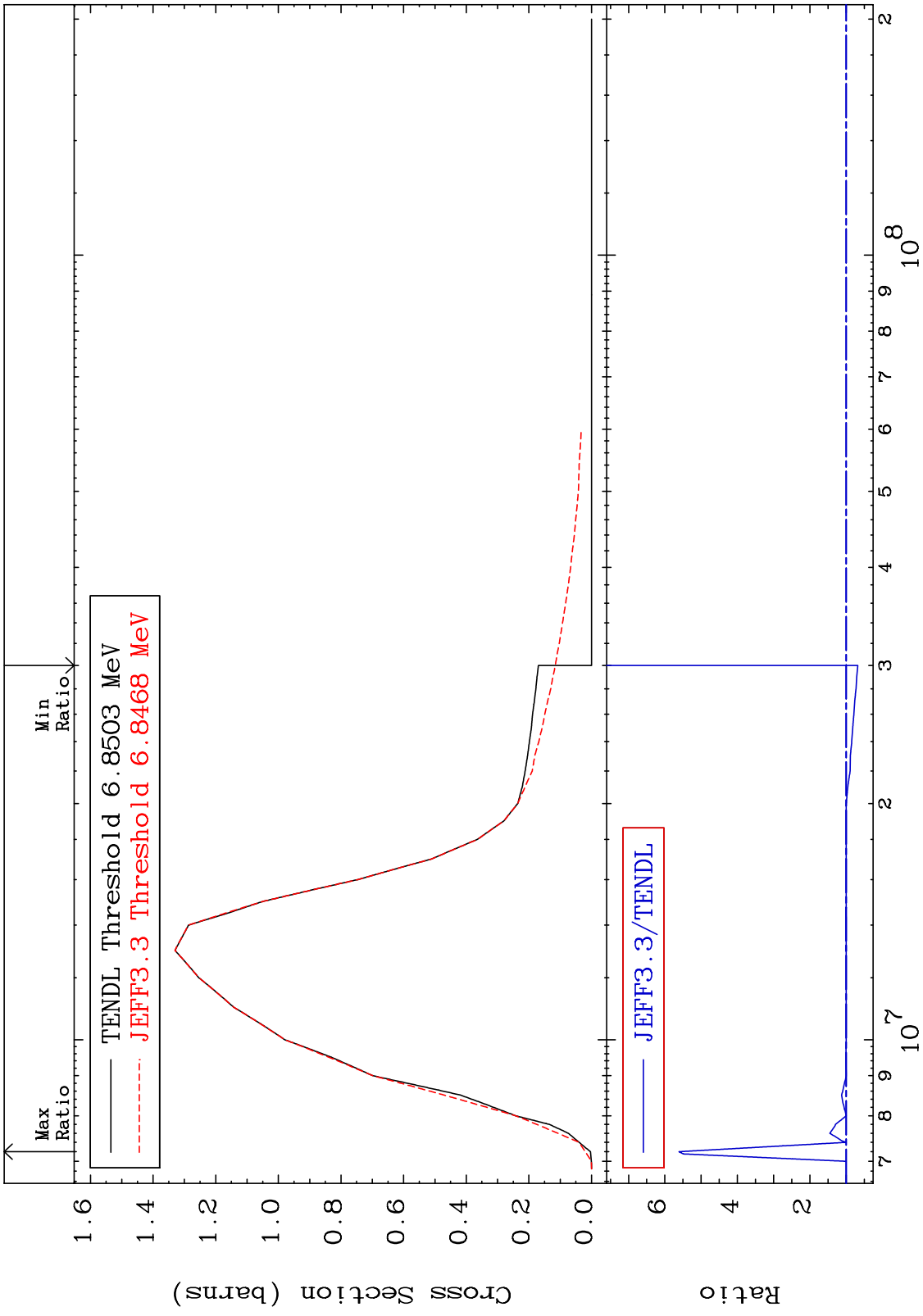
MAT 9131

(n, remainder)
Cross Section

91-Pa-231
-93.85 To -55.03%

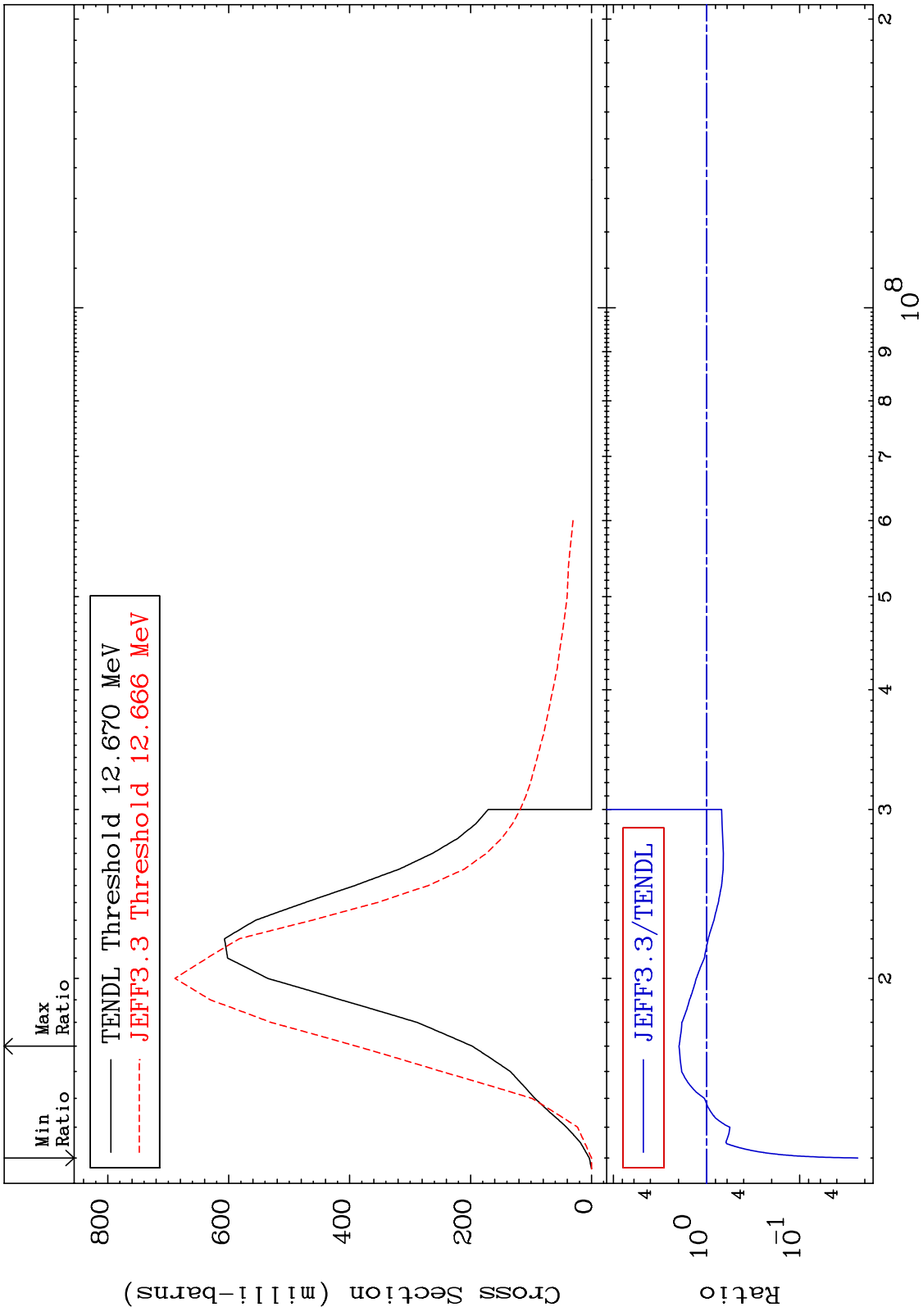


MAT 9131 91-Pa-231
-31.89 To 460.9 %
(n,2n)
Cross Section



5 91-Pa-231

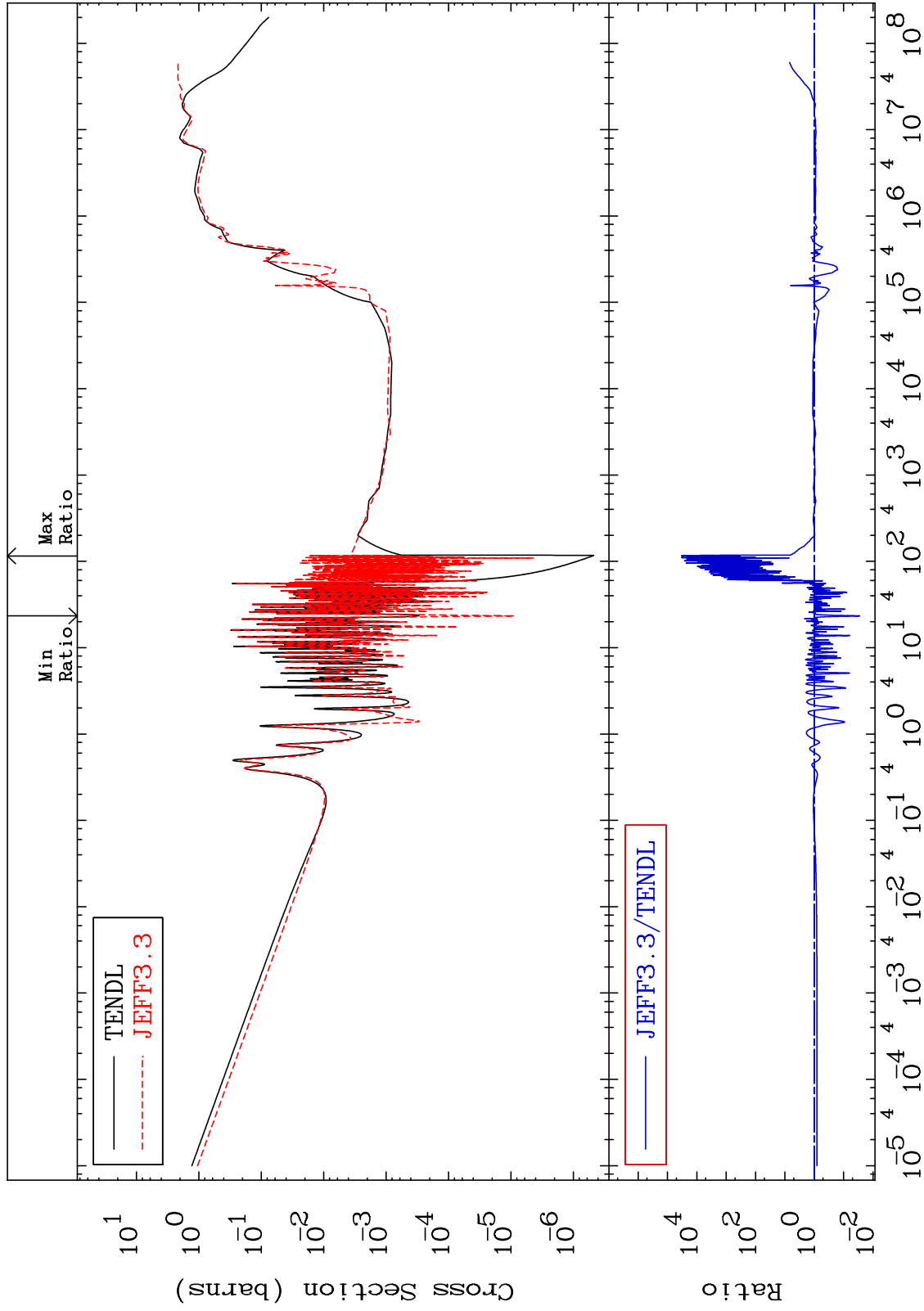
MAT 9131 (n,3n) 91-Pa-231
 Cross Section -97.63 To 97.20 %



MAT 9131

Fission Cross Section

91-Pa-231
-97.19 To 9999. %



Incident Energy (eV)

91-Pa-231

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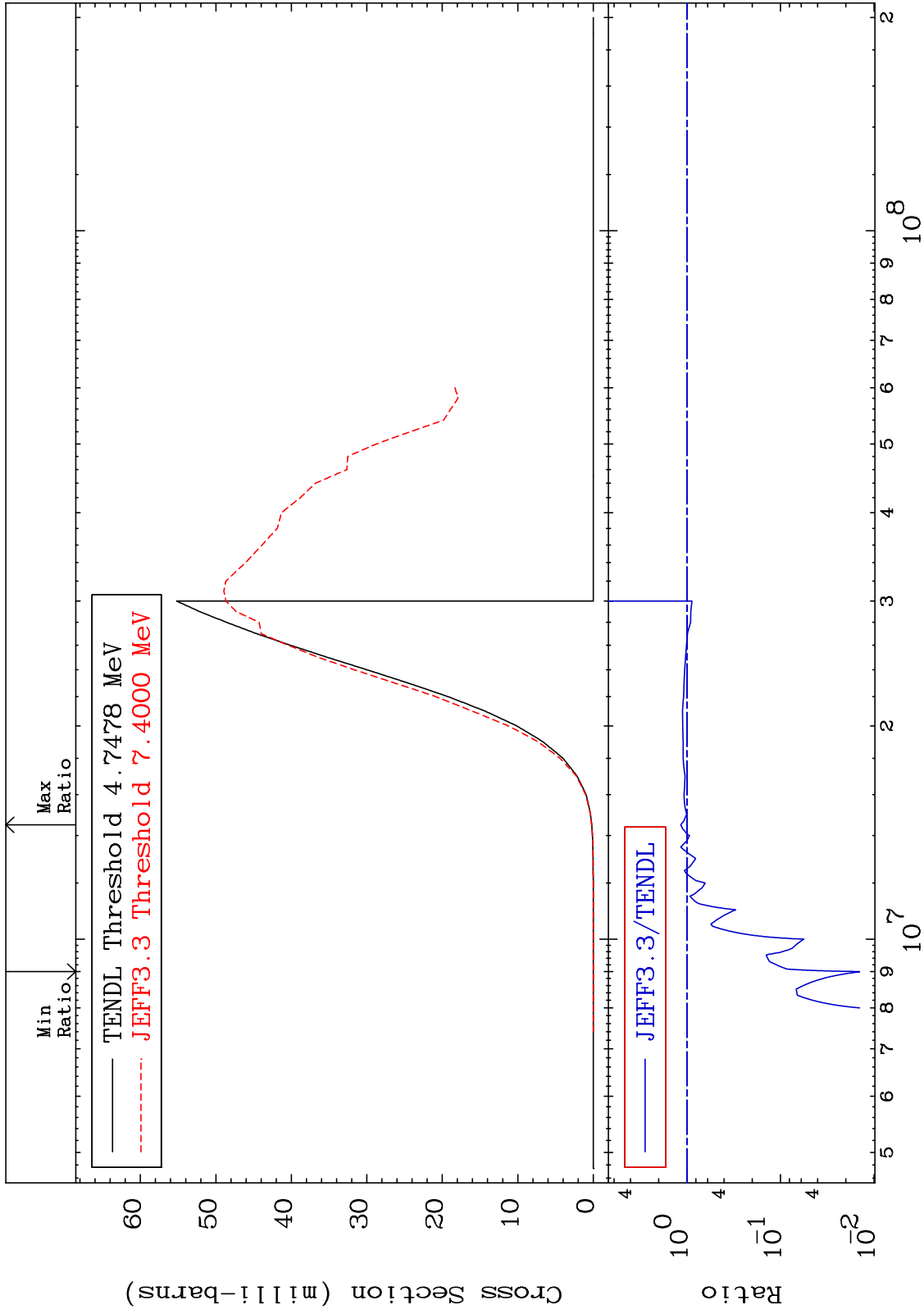
MAT 9131

(n, n') p

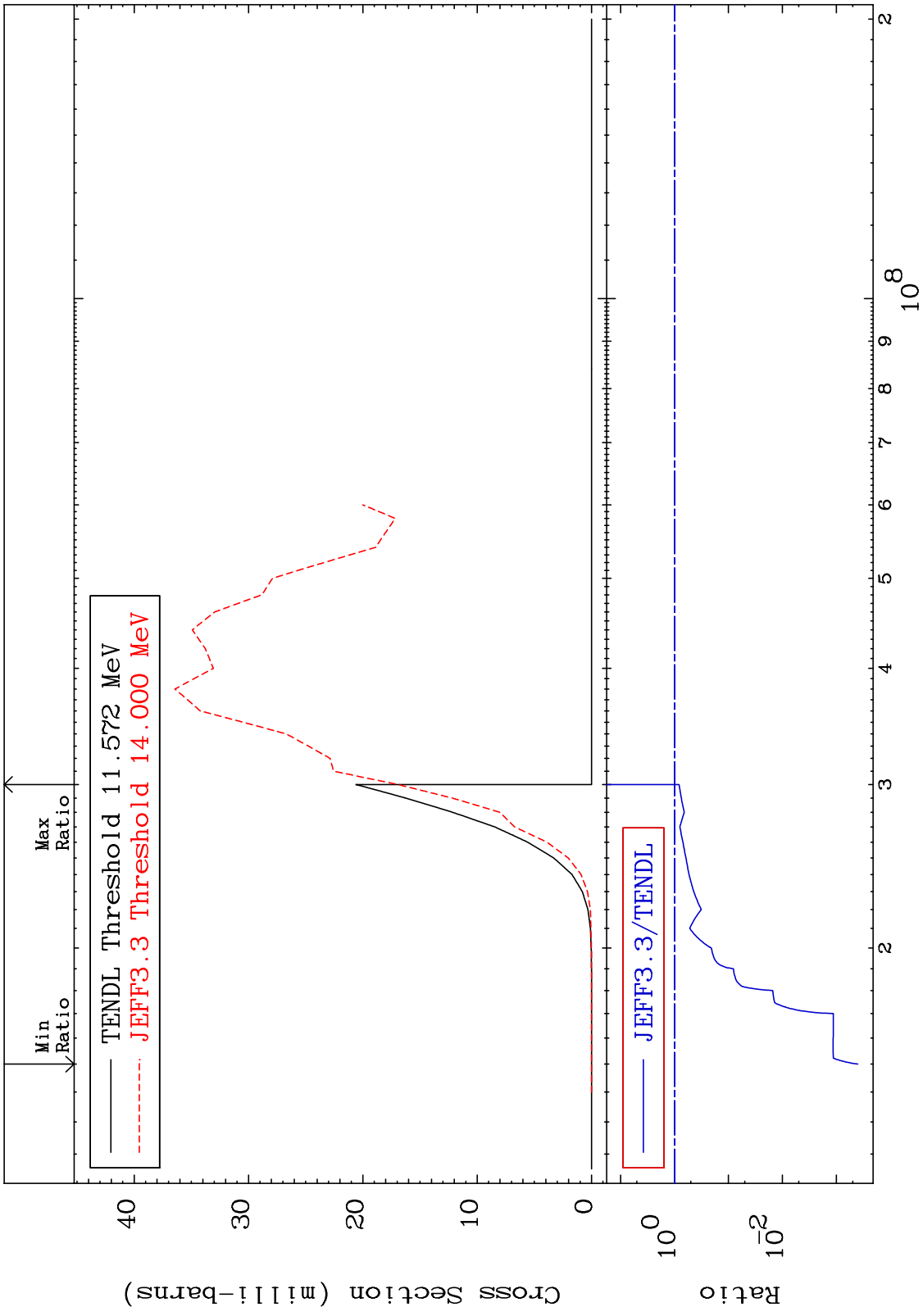
91-Pa-231

Cross Section

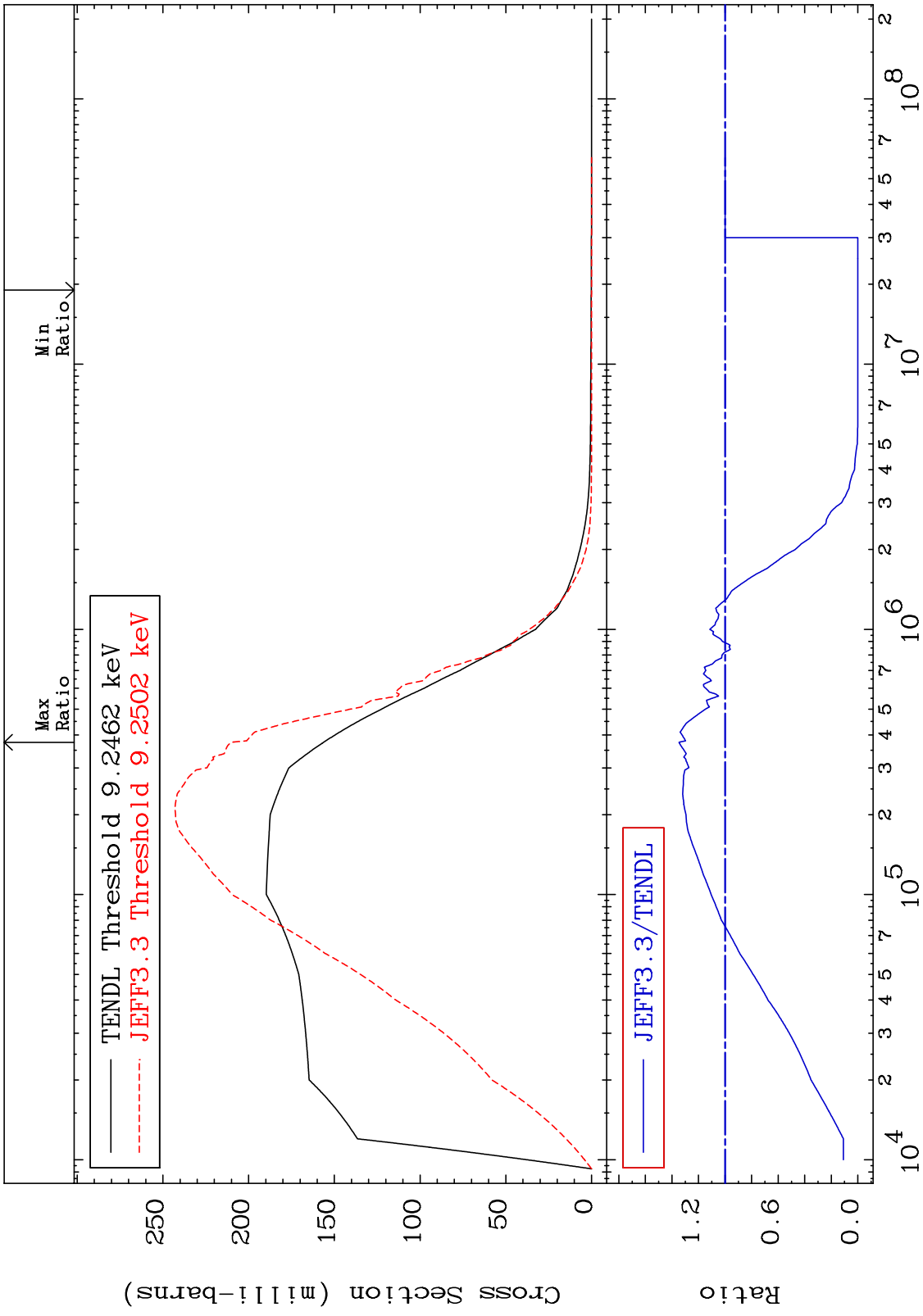
-98.58 To 15.99 %



MAT 9131 91-Pa-231
-99.96 To -17.61%
 (n,2n) p
 Cross Section

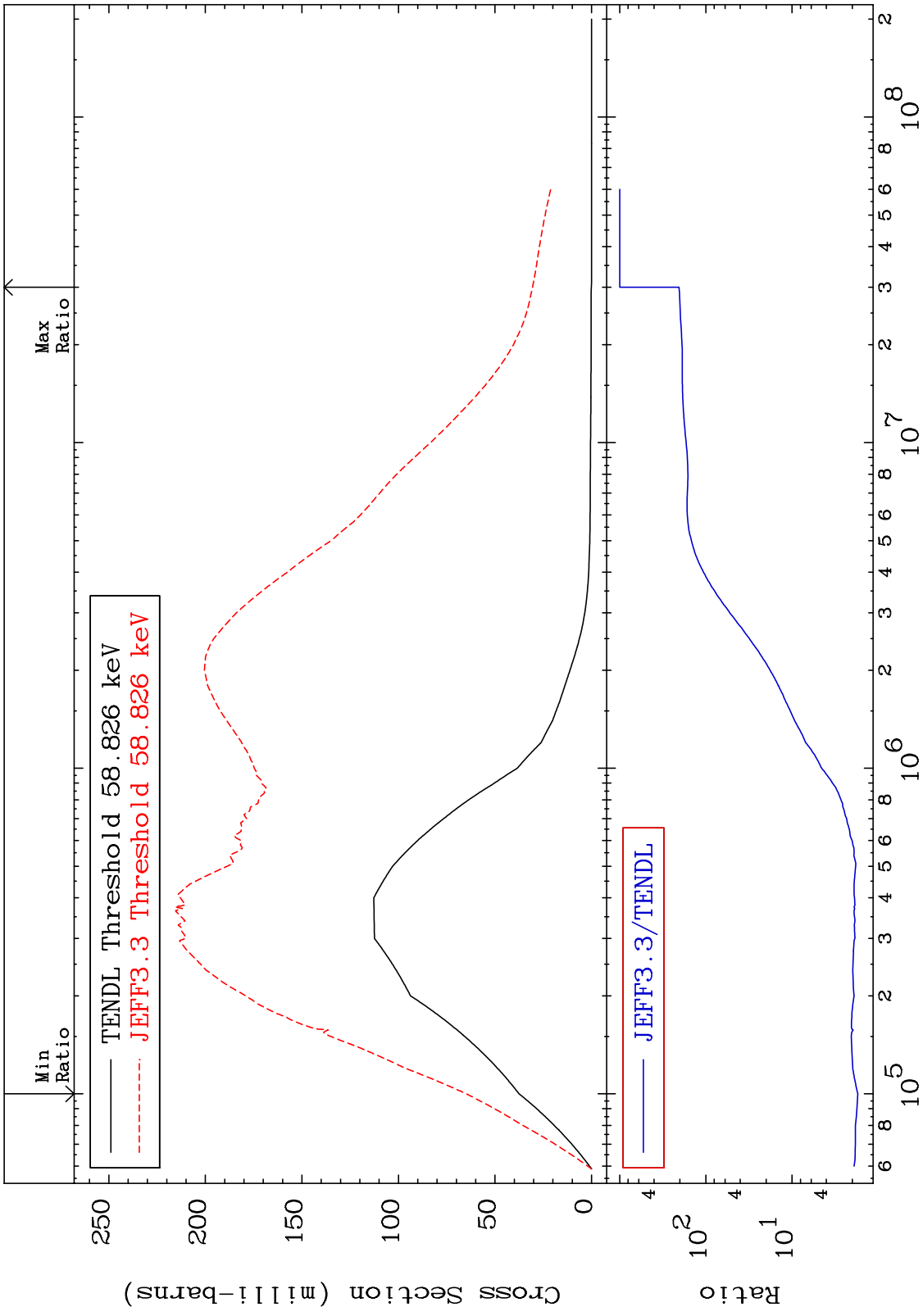


MAT 9131 MT= 51 (n,n') Level Cross Section 91-Pa-231 -100.0 To 34.66 %

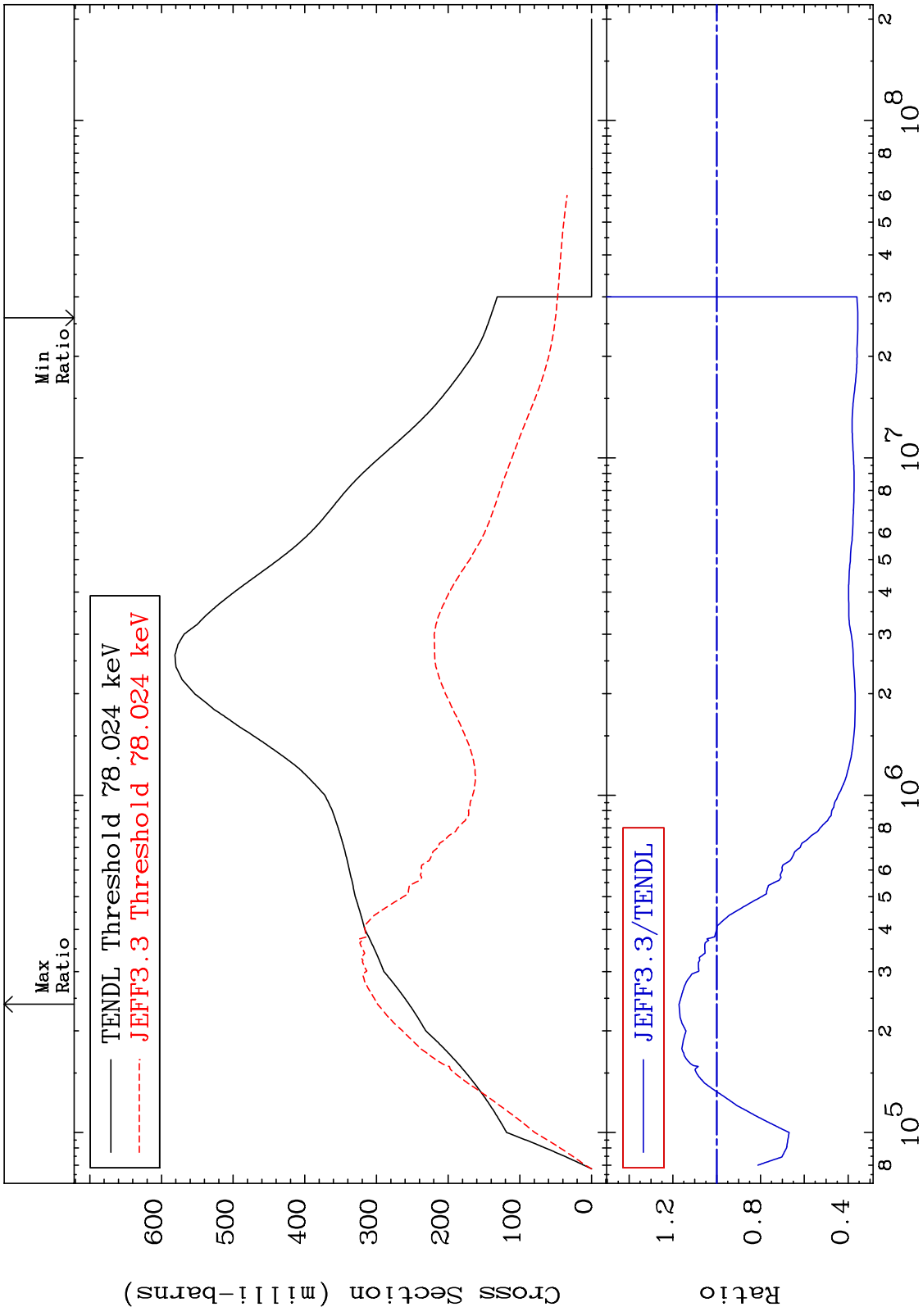


Incident Energy (eV) 91-Pa-231

MAT 9131 MT= 52 (n,n') Level Cross Section 91-Pa-231 72.74 To 9999. %



MAT 9131 MT= 53 (n,n') Level Cross Section -64.45 To 17.20 % 91-Pa-231

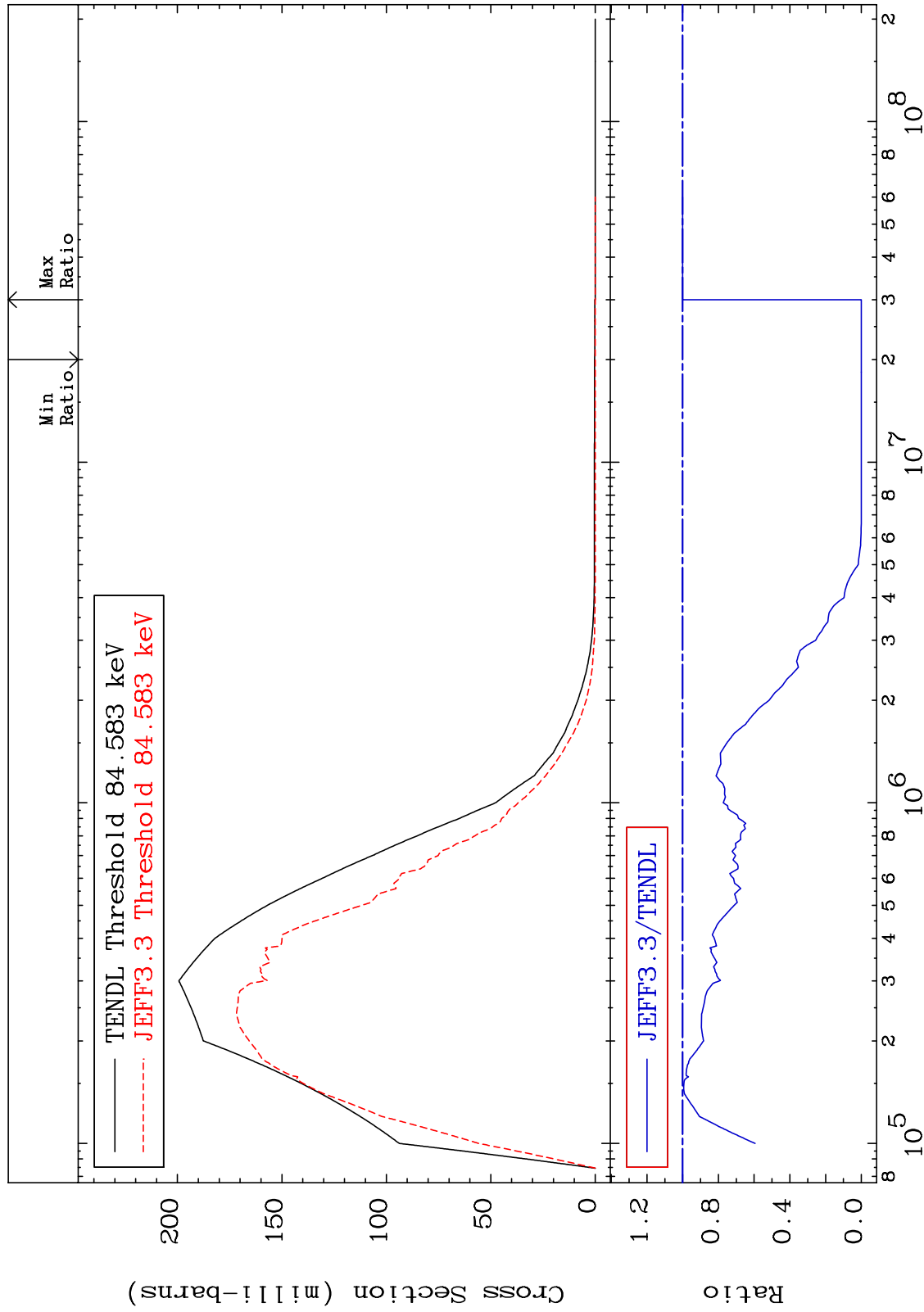


12 91-Pa-231

MAT 9131

MT= 54 (n,n') Level
Cross Section

91-Pa-231
-100.0 To 0.000 %

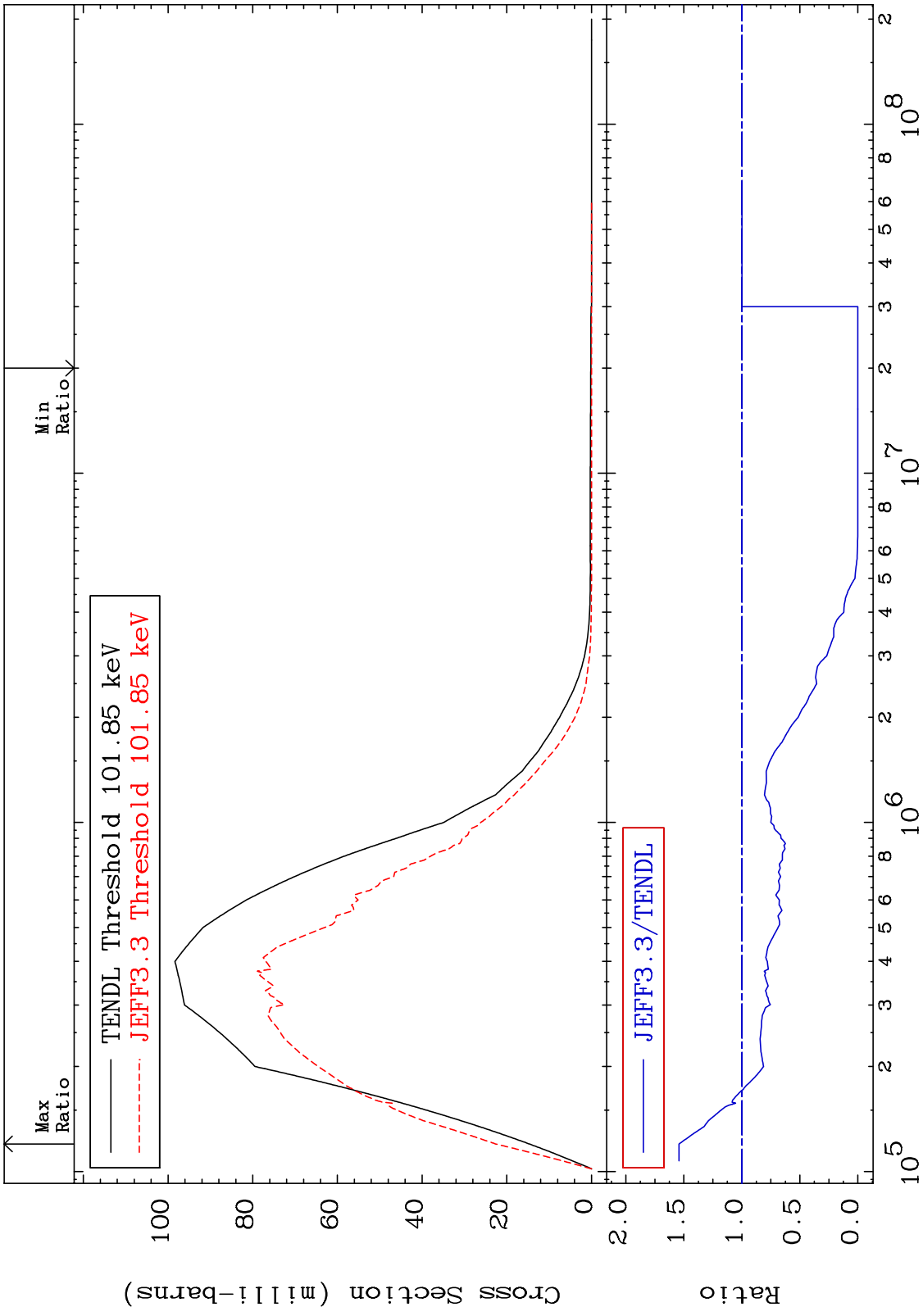


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Incident Energy (eV)

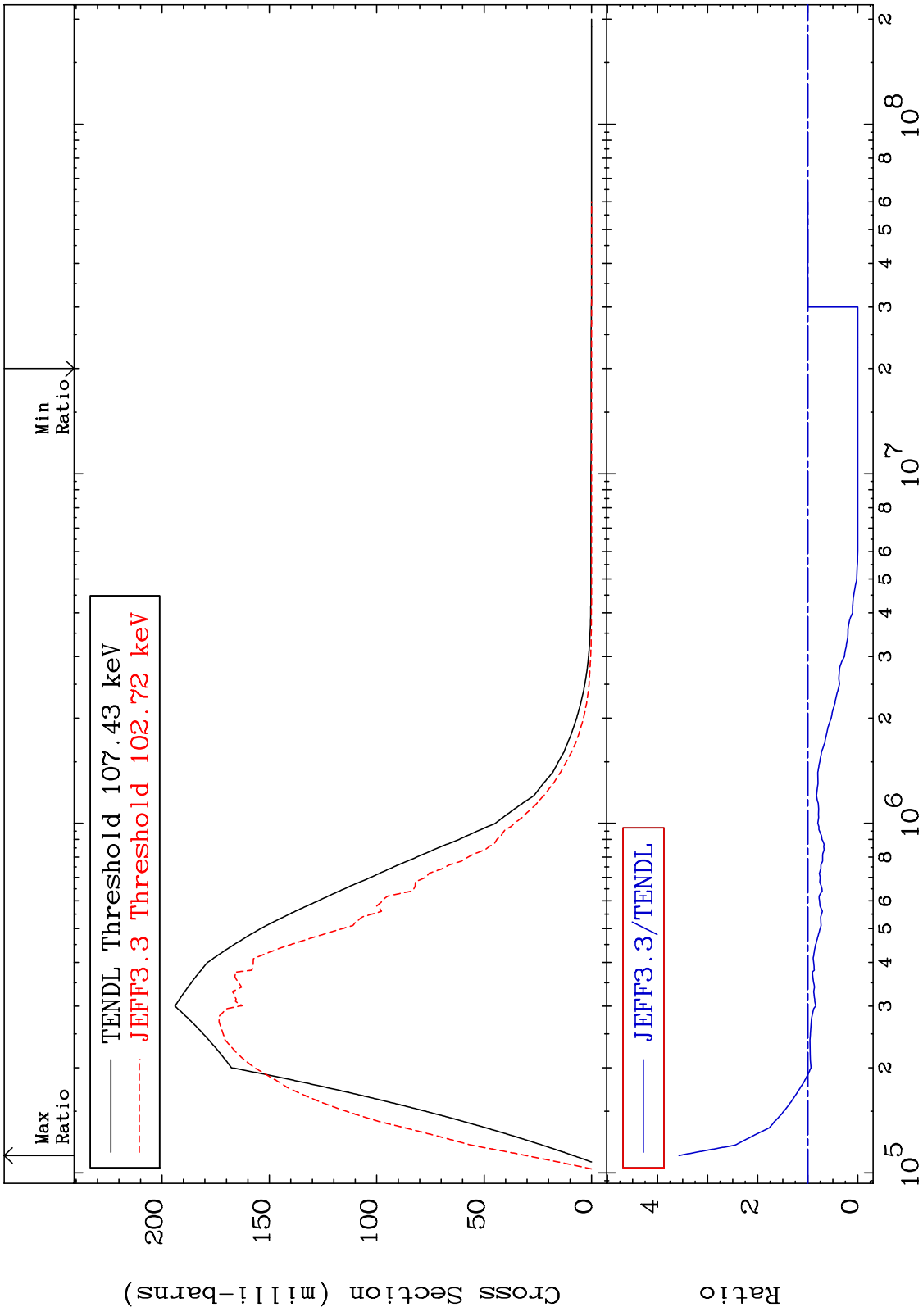
91-Pa-231

MAT 9131 MT= 55 (n,n') Level Cross Section -100.0 To 54.15 % 91-Pa-231



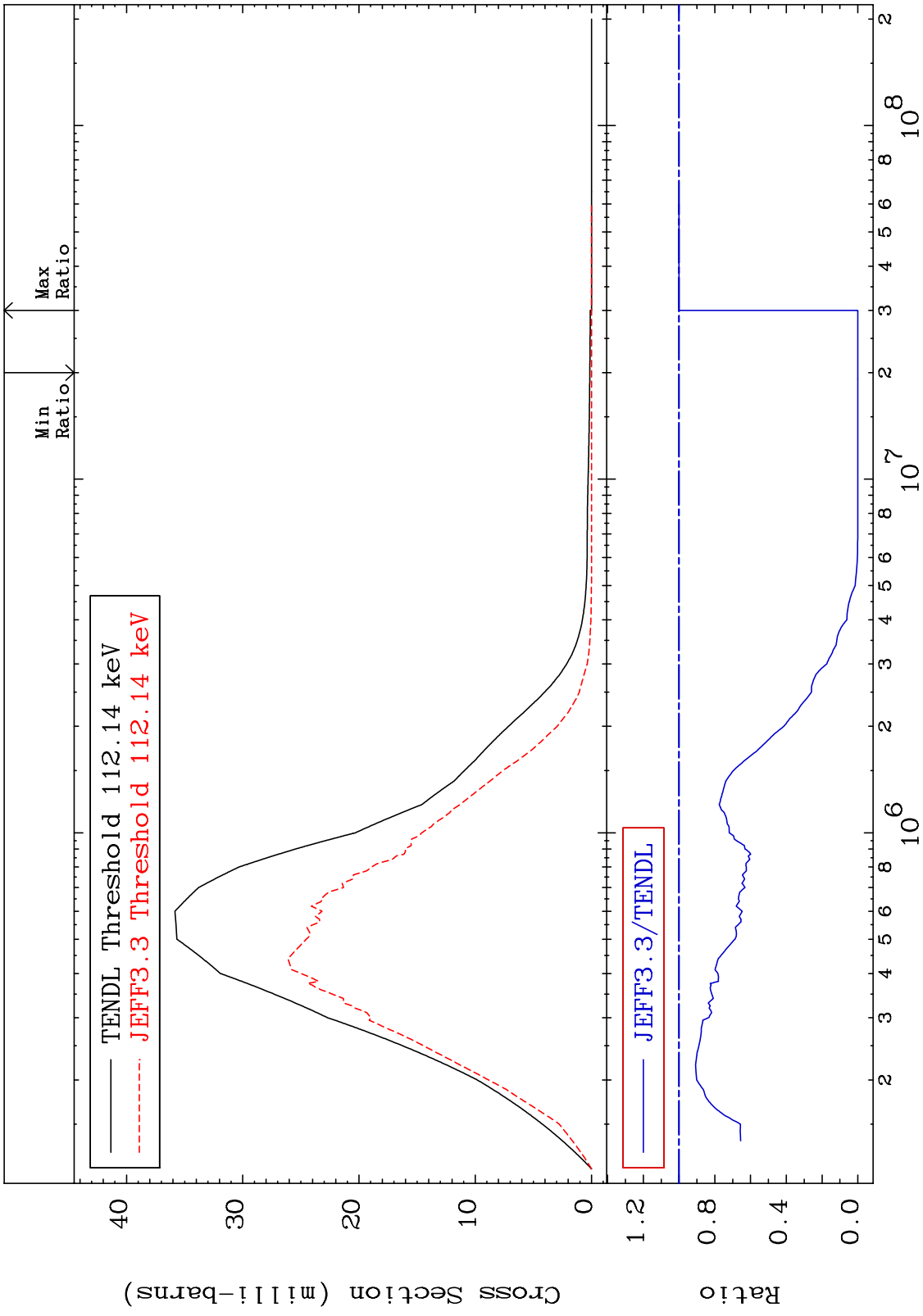
14 91-Pa-231

MAT 9131 MT= 56 (n,n') Level Cross Section -100.0 To 257.1 % 91-Pa-231

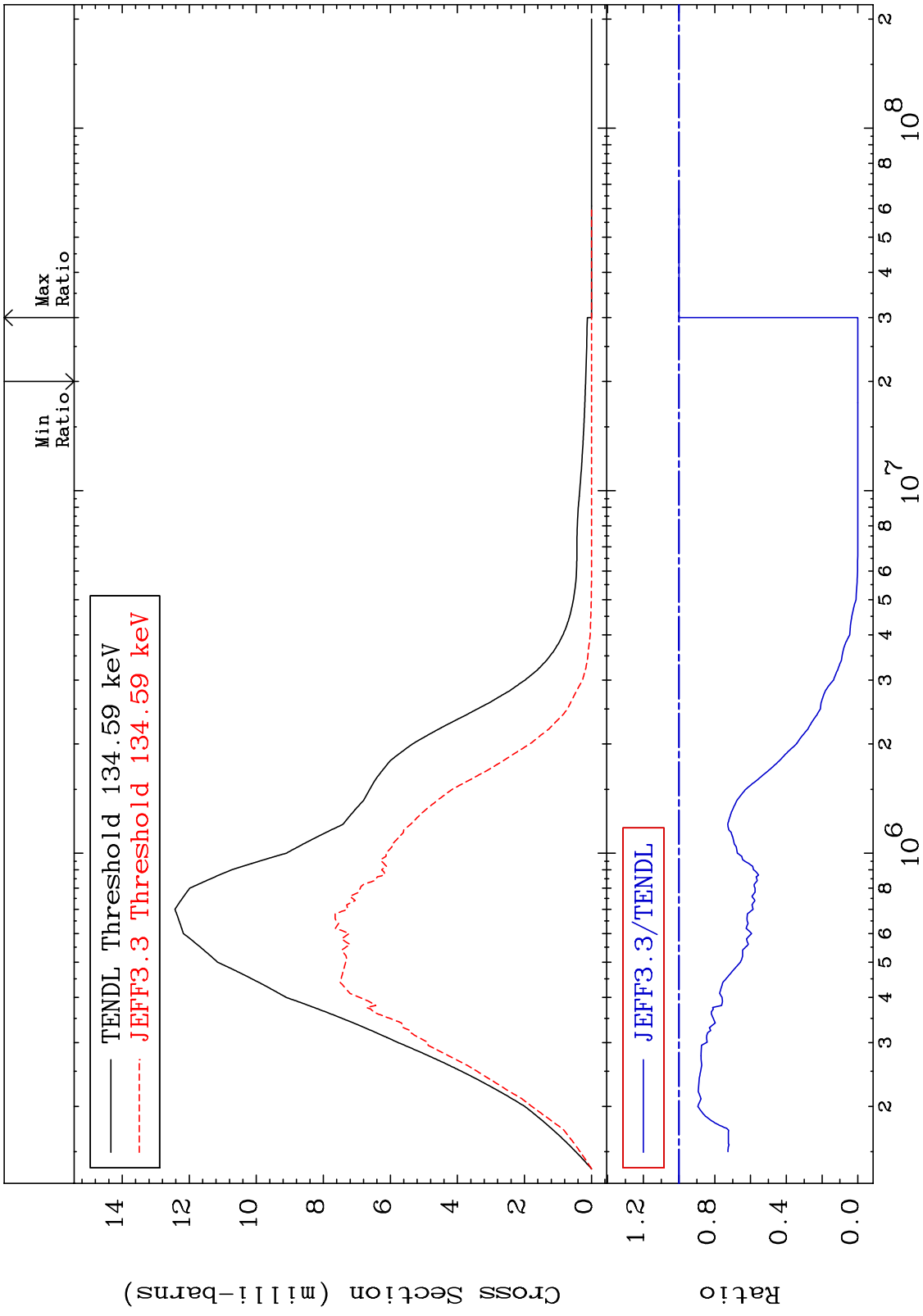


15 15 Incident Energy (eV) 91-Pa-231

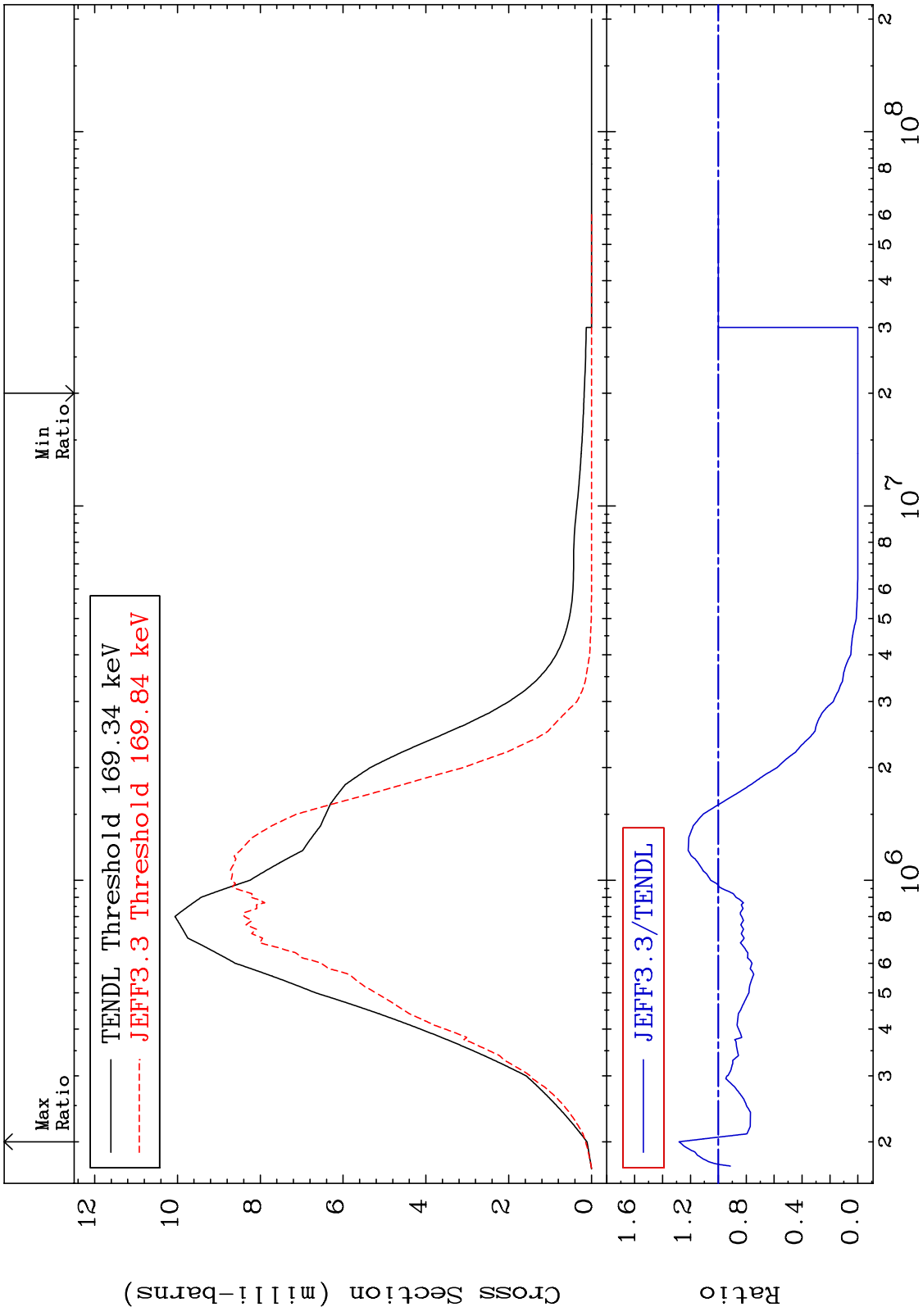
MAT 9131 MT= 57 (n,n') Level Cross Section 91-Pa-231 -100.0 To 0.000 %



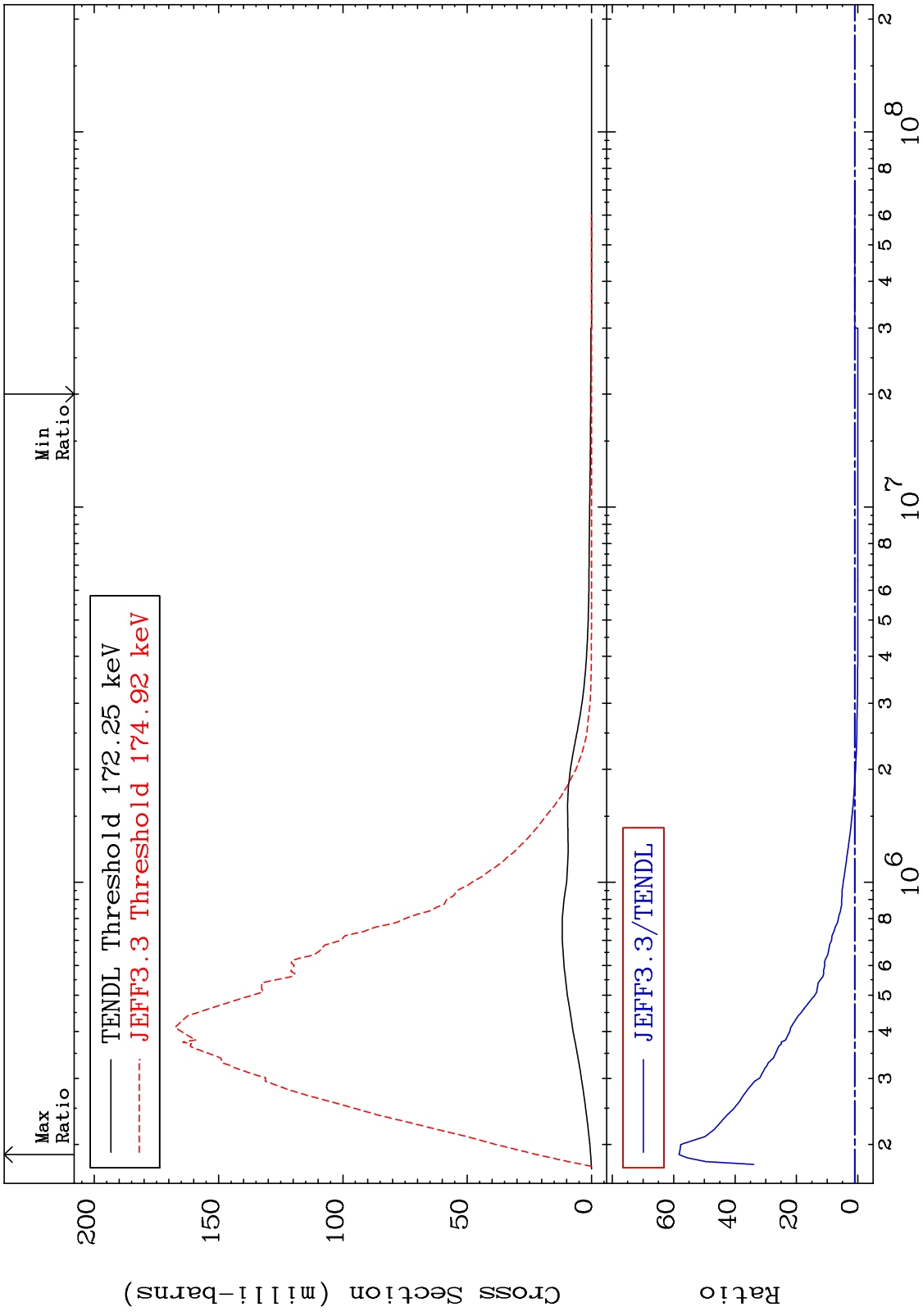
MAT 9131 MT= 58 (n,n') Level Cross Section 91-Pa-231 -100.0 To 0.000 %



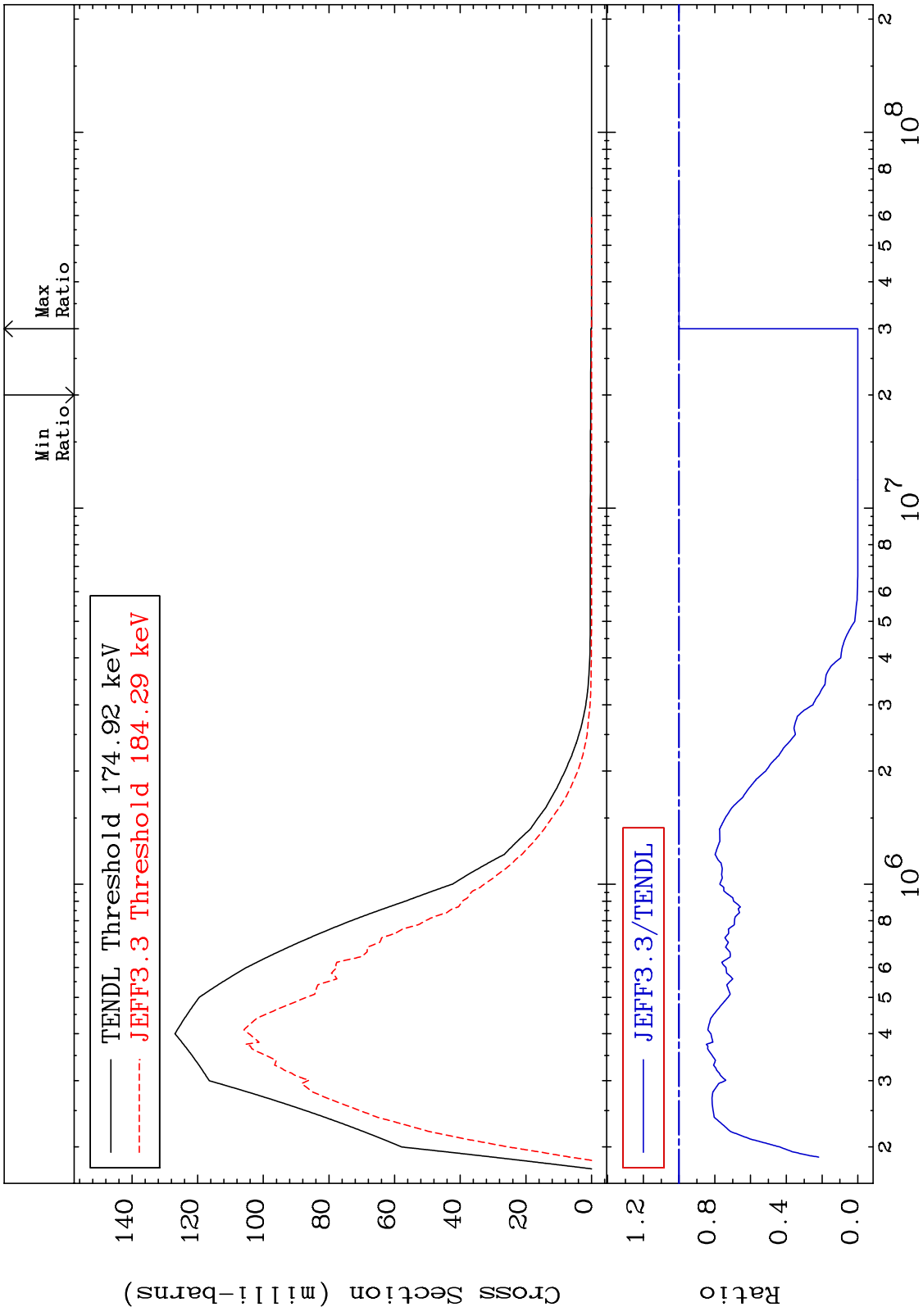
MAT 9131 MT= 59 (n,n') Level Cross Section 91-Pa-231 -100.0 To 28.21 %



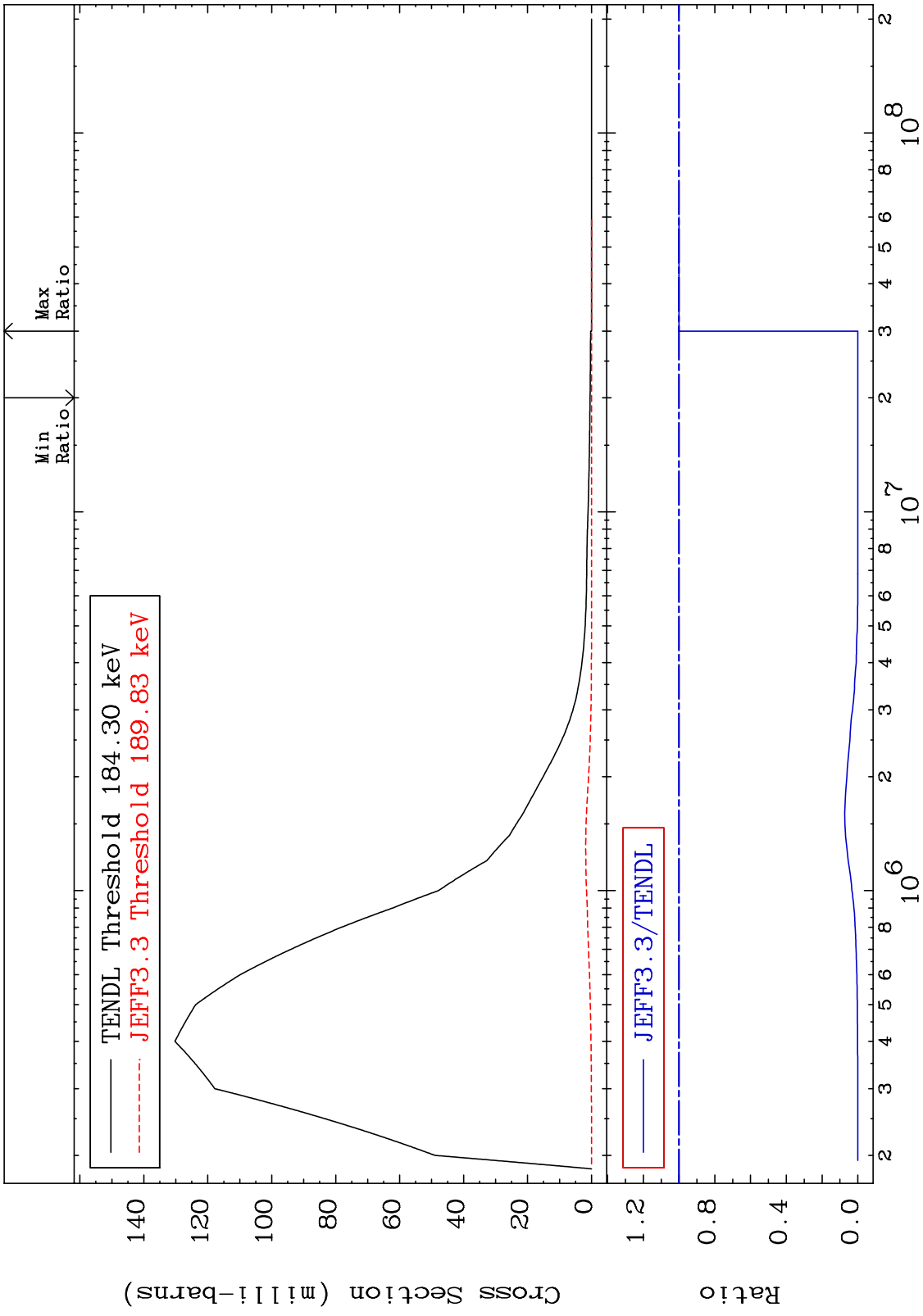
MAT 9131 MT= 60 (n,n') Level Cross Section 91-Pa-231 -100.0 To 5727. %



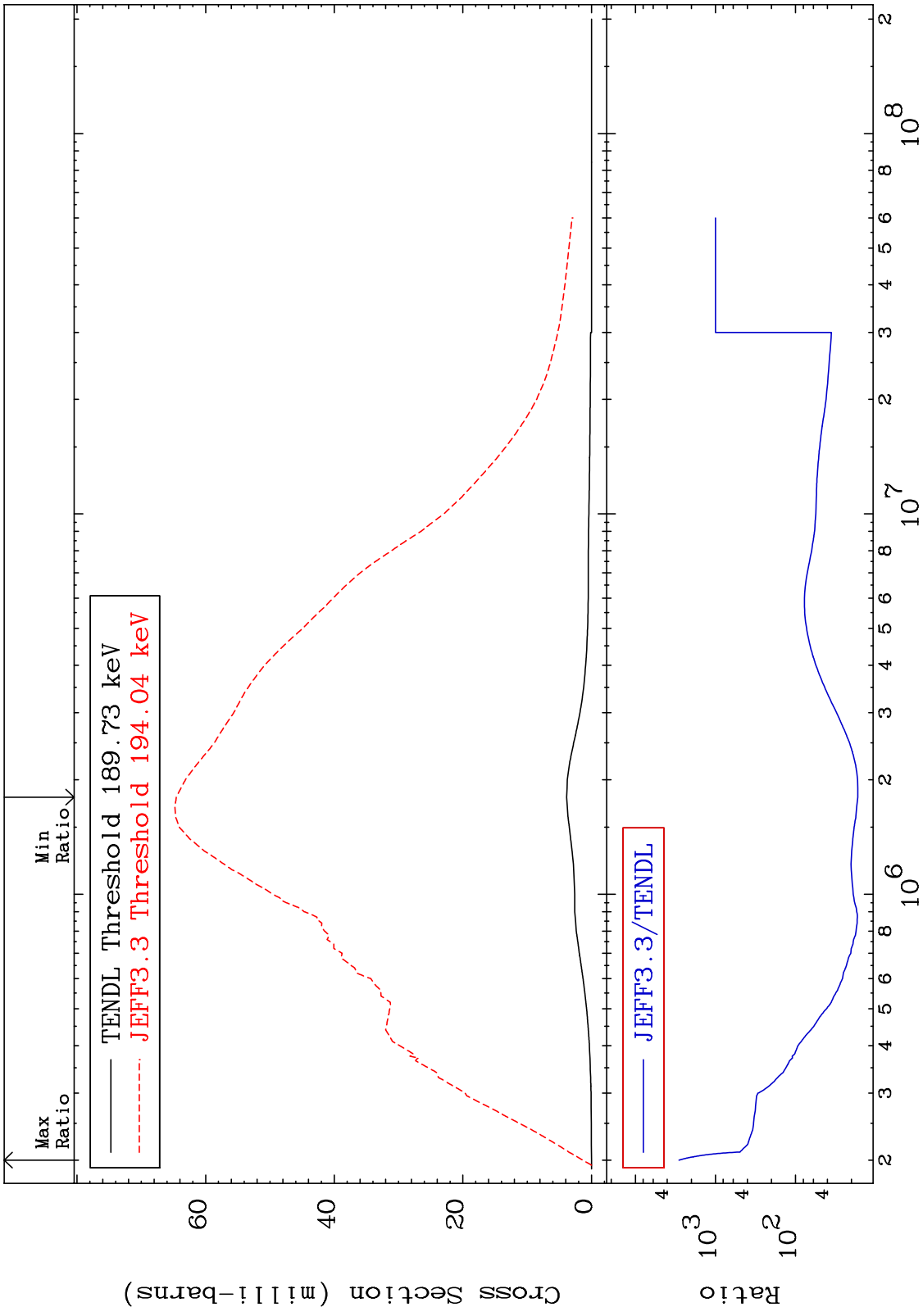
MAT 9131 MT= 61 (n,n') Level Cross Section -100.0 To 0.000 % 91-Pa-231



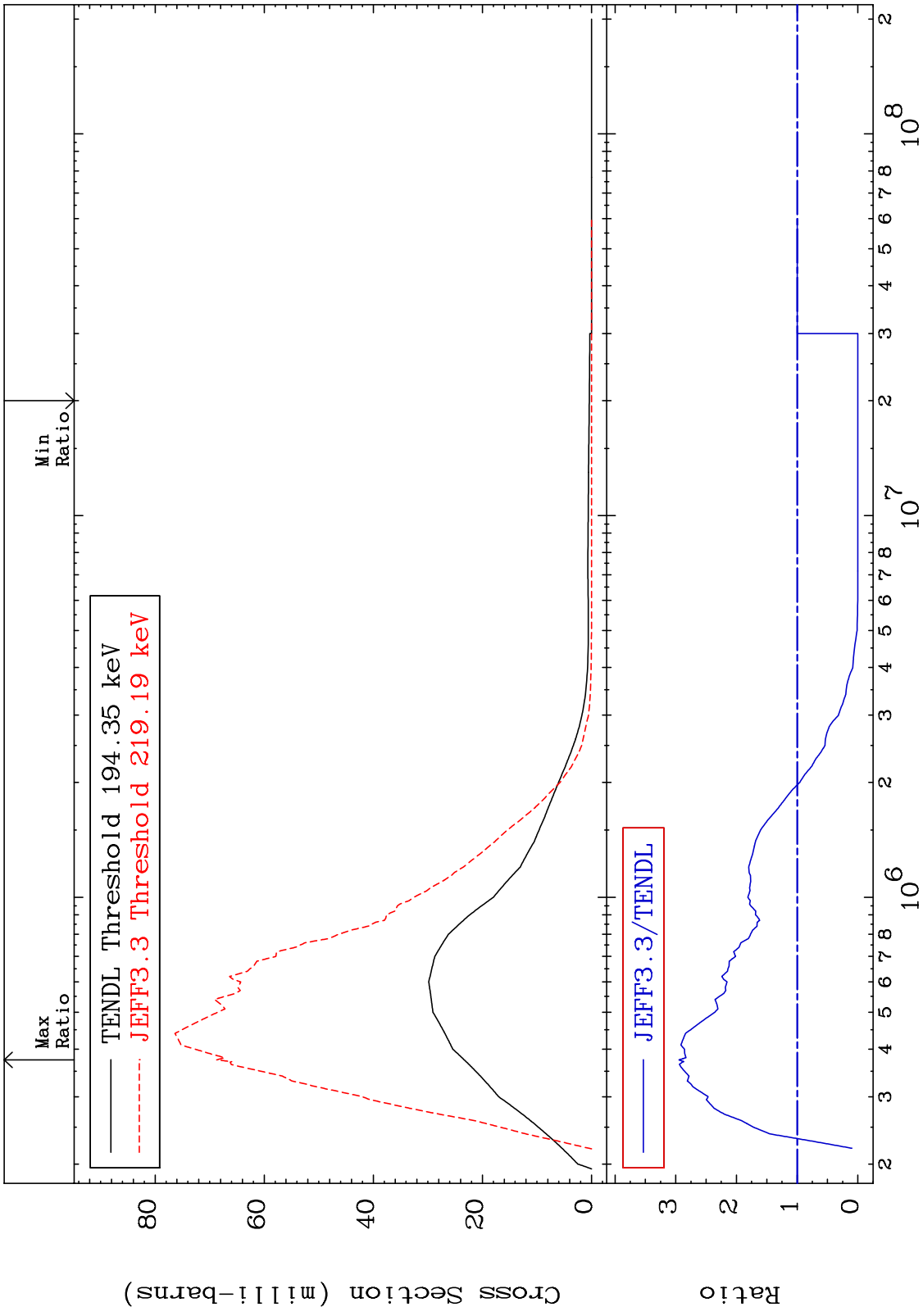
MAT 9131 MT= 62 (n,n') Level Cross Section 91-Pa-231 -100.0 To 0.000 %



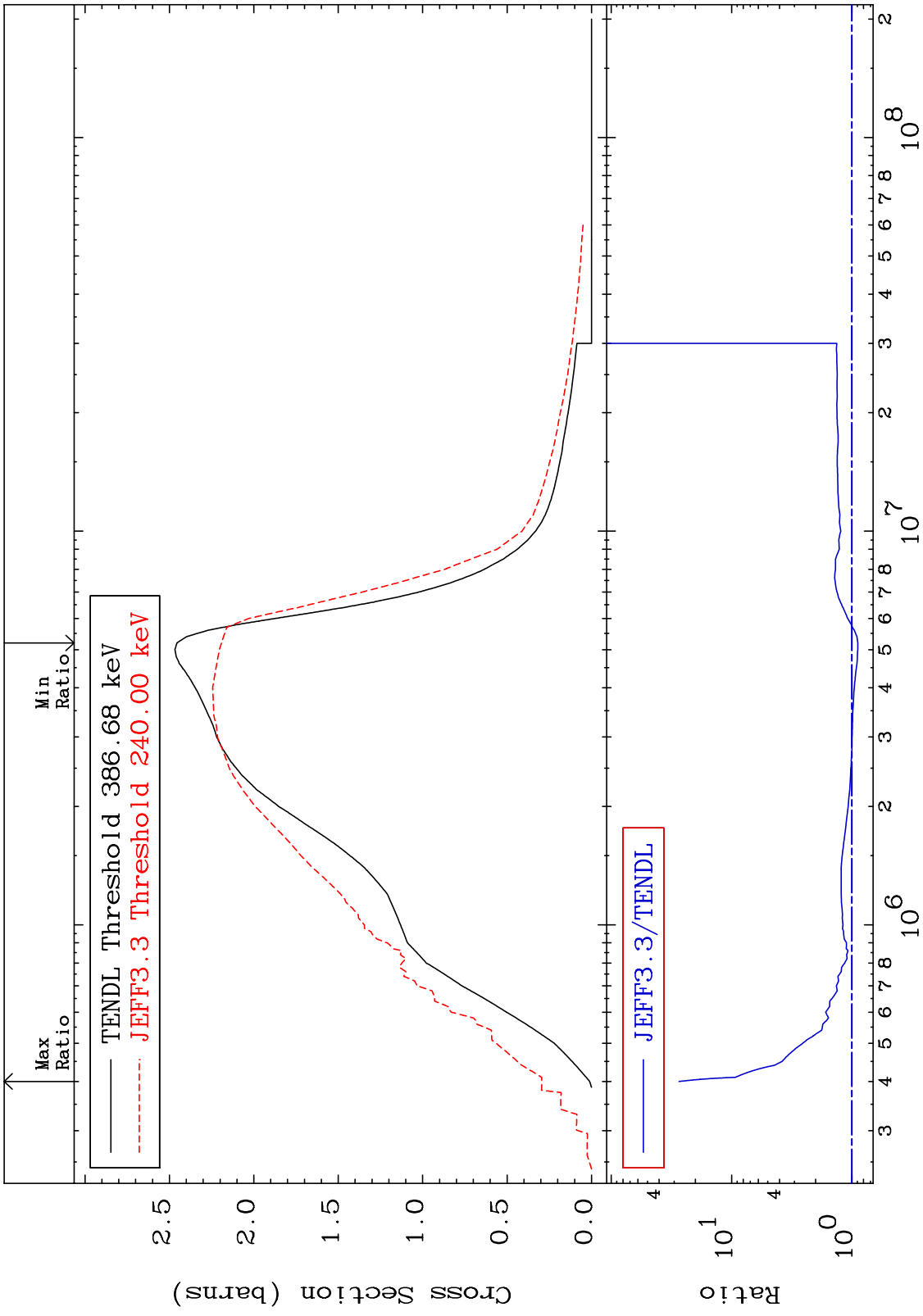
MAT 9131 MT= 63 (n,n') Level Cross Section 91-Pa-231 1568. To 9999. %



MAT 9131 MT= 64 (n,n') Level Cross Section -100.0 To 194.6 % 91-Pa-231



MAT 9131 (n, n') Continuum Cross Section 91-Pa-231 -10.77 To 2633. %

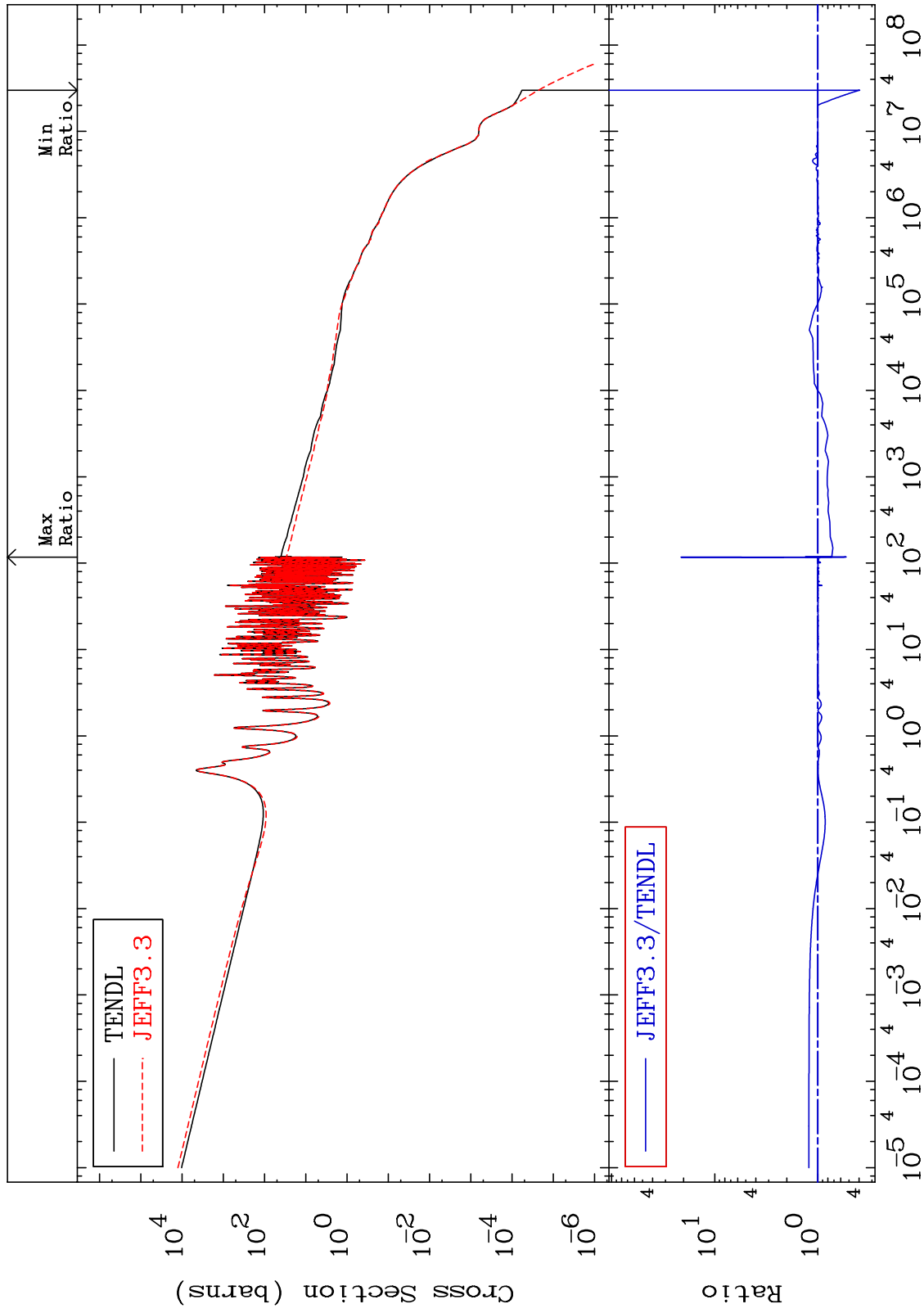


24 91-Pa-231

MAT 9131

(n, γ)
Cross Section

91-Pa-231
-60.70 To 2011. %



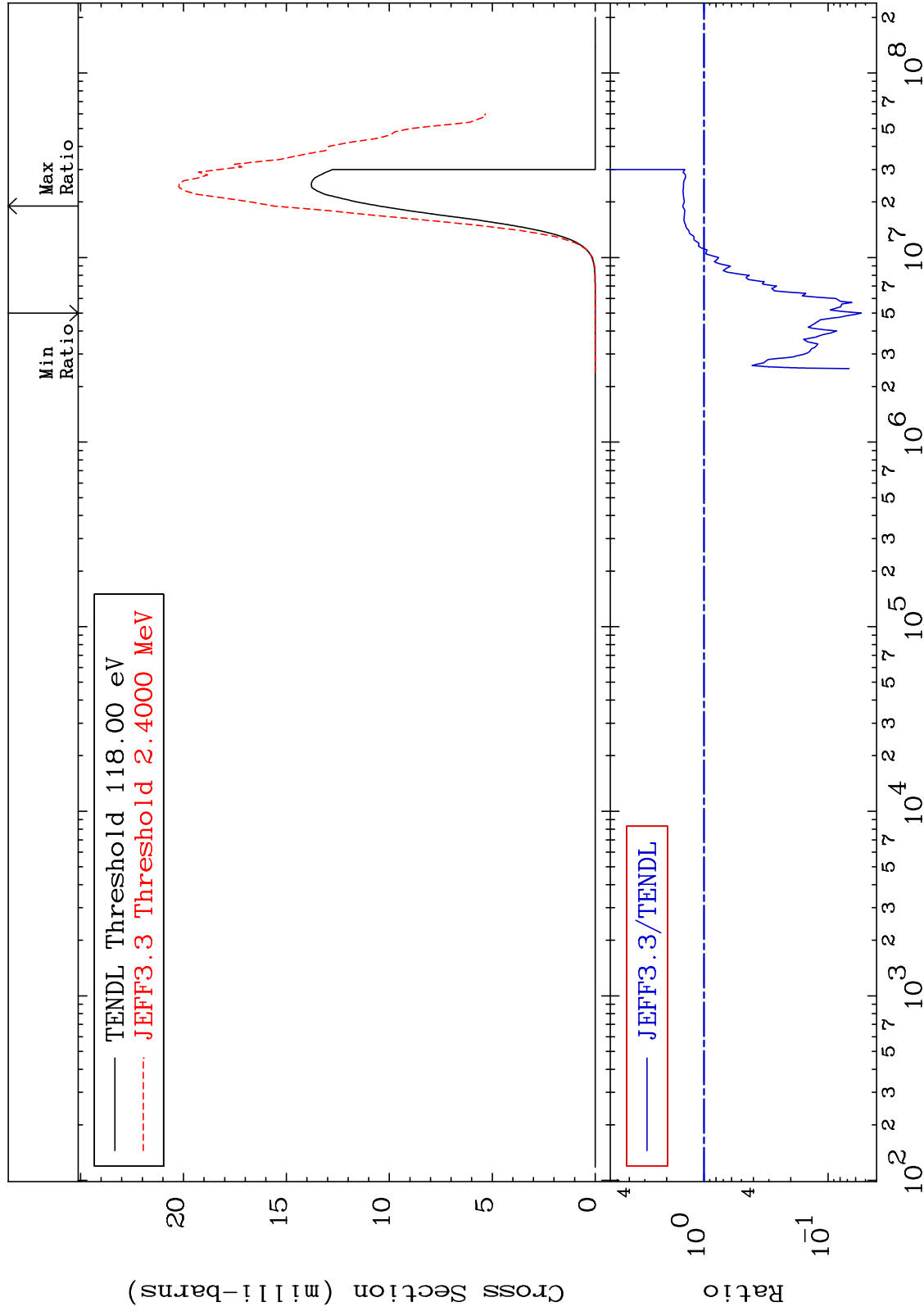
MAT 9131

(n,p)

Cross Section

91-Pa-231

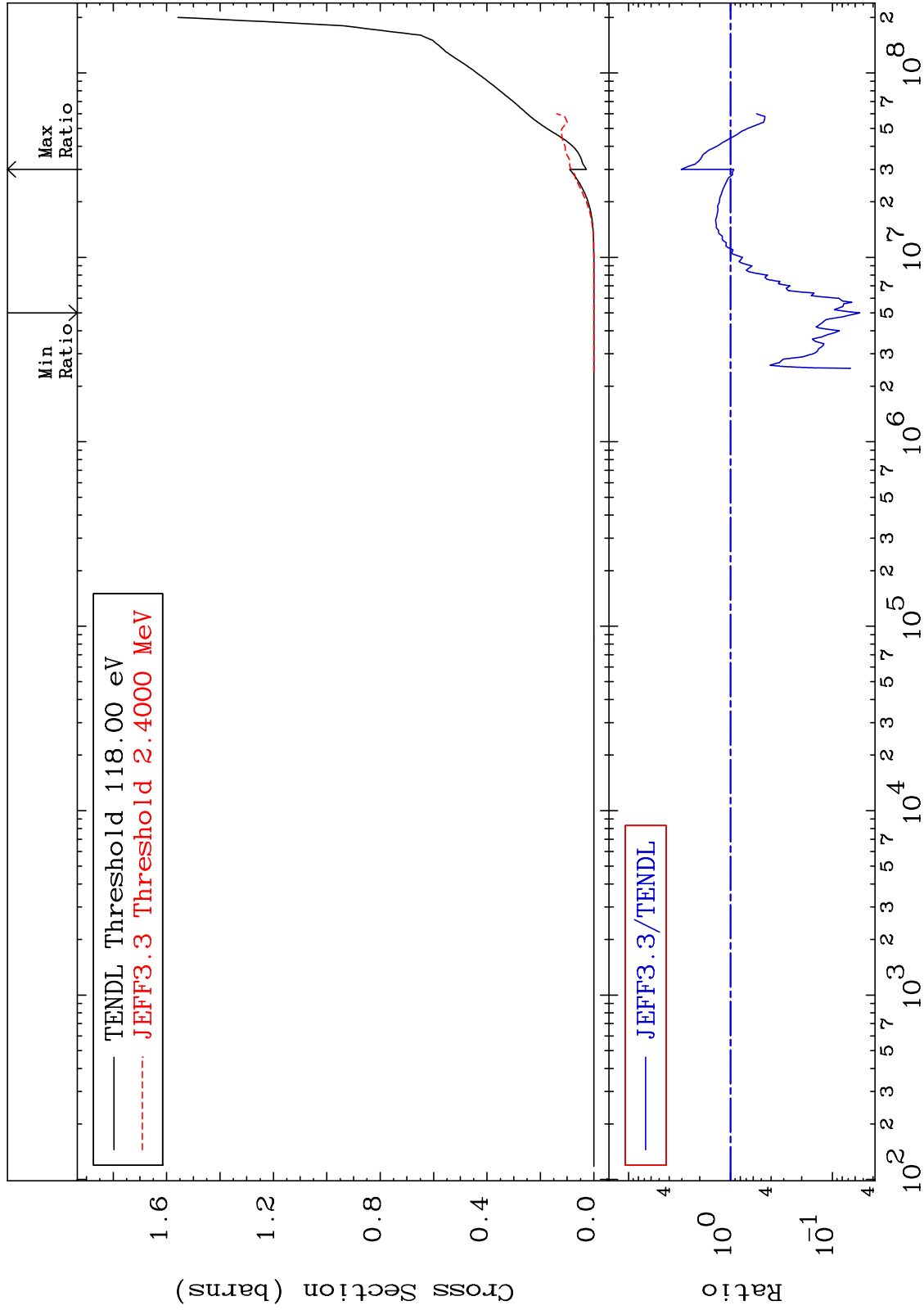
-94.60 To 48.75 %



MAT 9131

Hydrogen Production
Cross Section

91-Pa-231
-94.60 To 203.9 %



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91-Pa-231

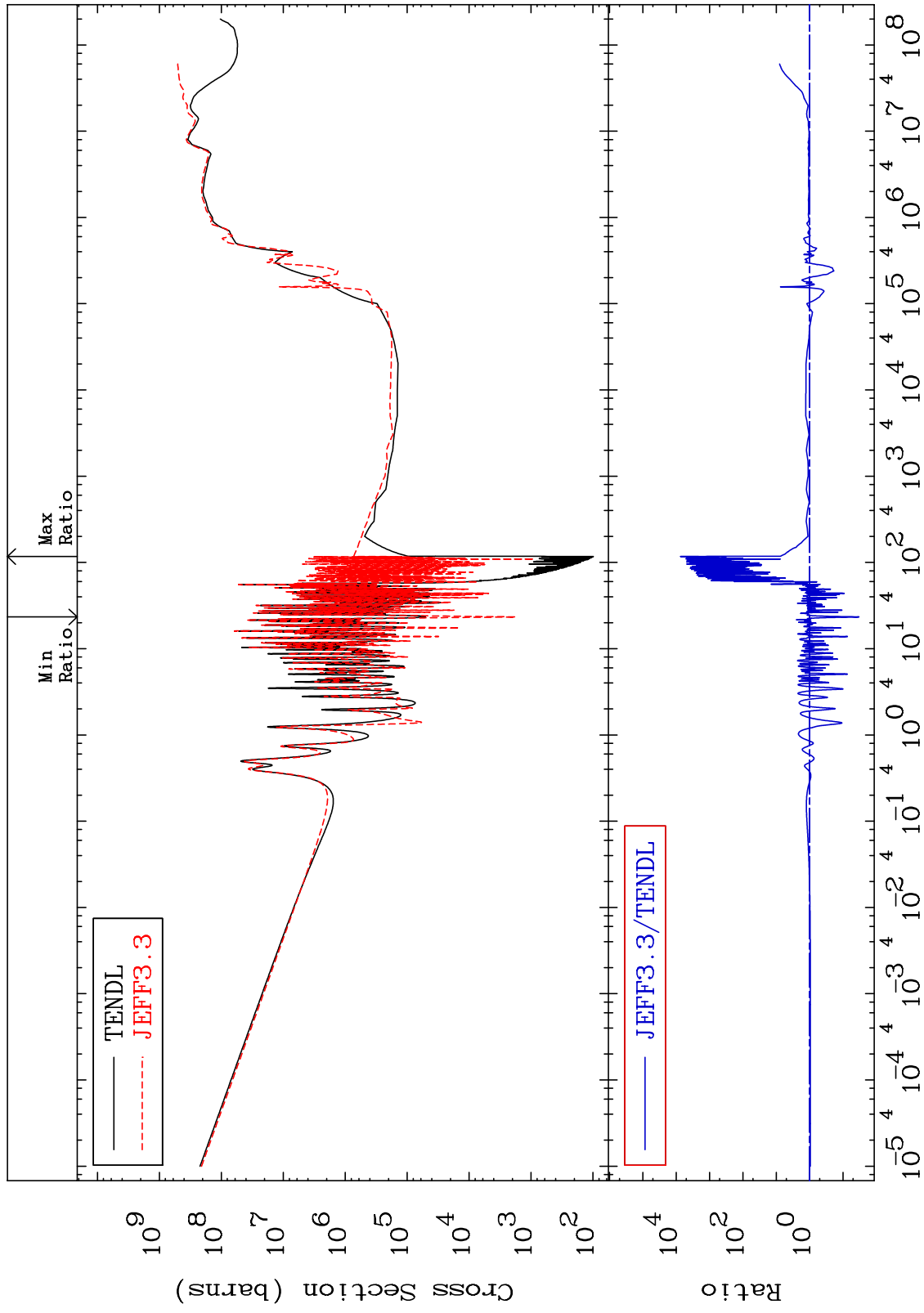
MAT 9131

Kerma total (eV-barns)

91-Pa-231

-96.69 To 9999. %

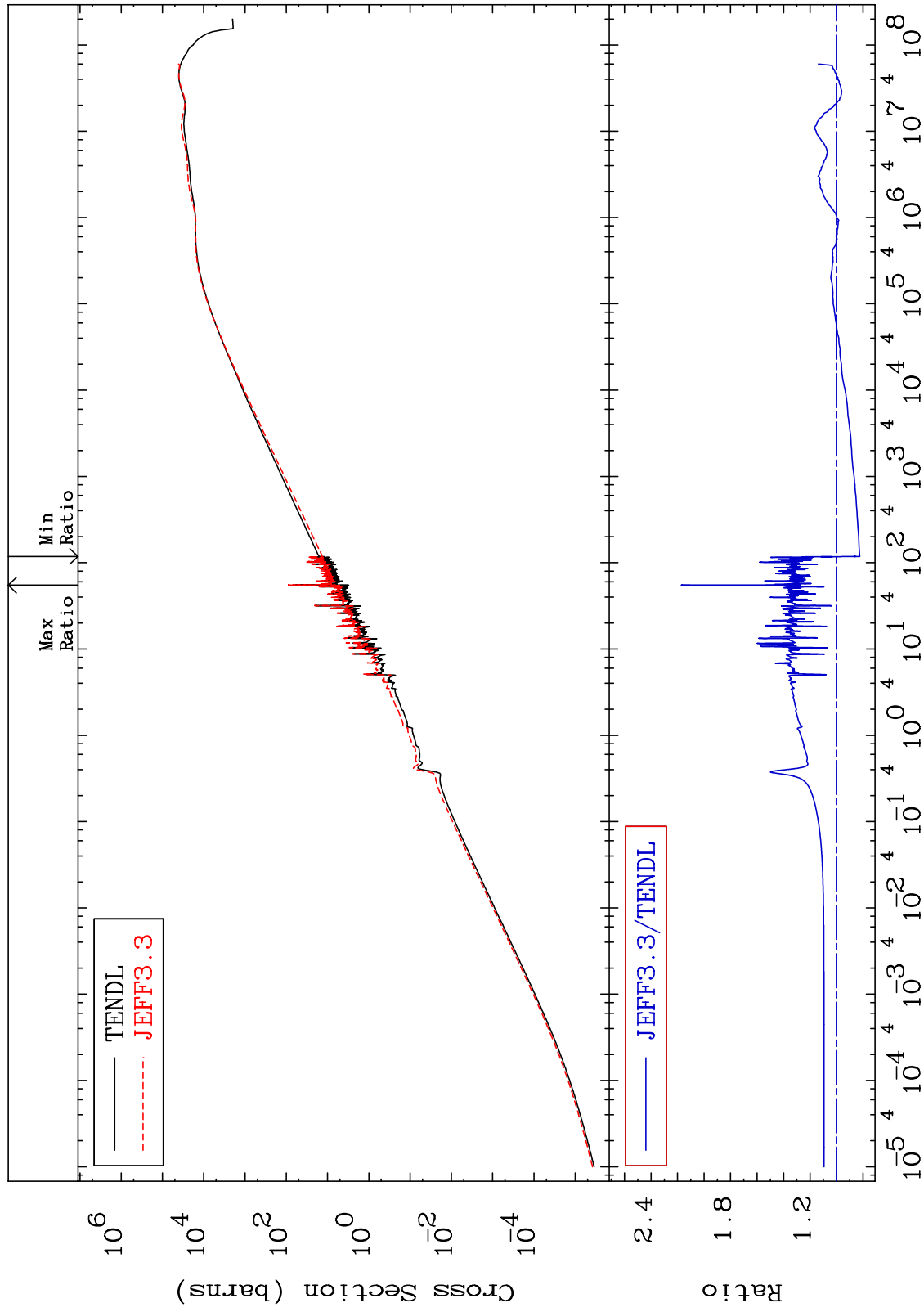
Cross Section



MAT 9131

Kerma elastic
Cross Section

91-Pa-231
-17.54 To 117.0 %



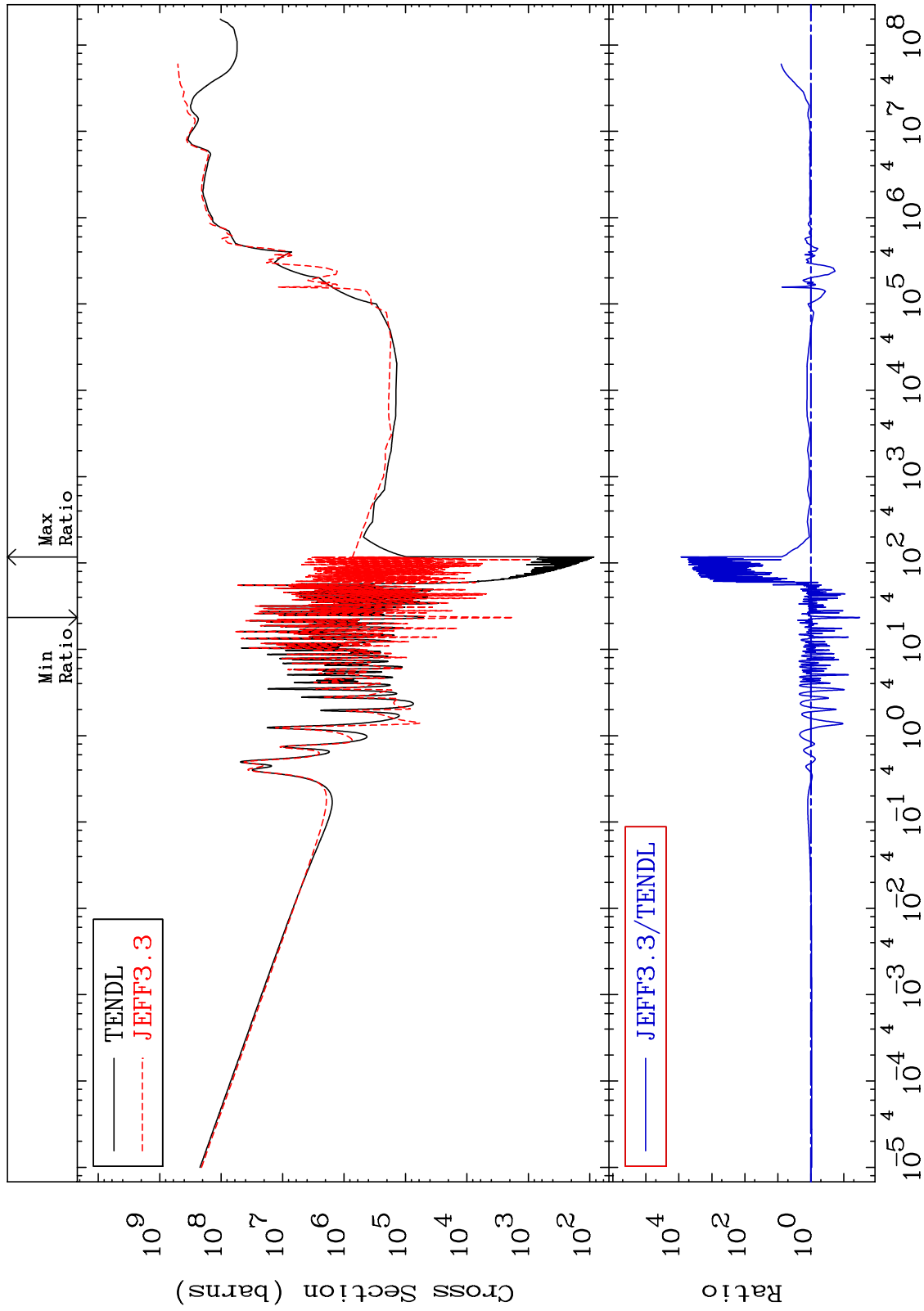
MAT 9131

Kerma non-elastic (all but mt2)

91-Pa-231

-96.70 To 9999. %

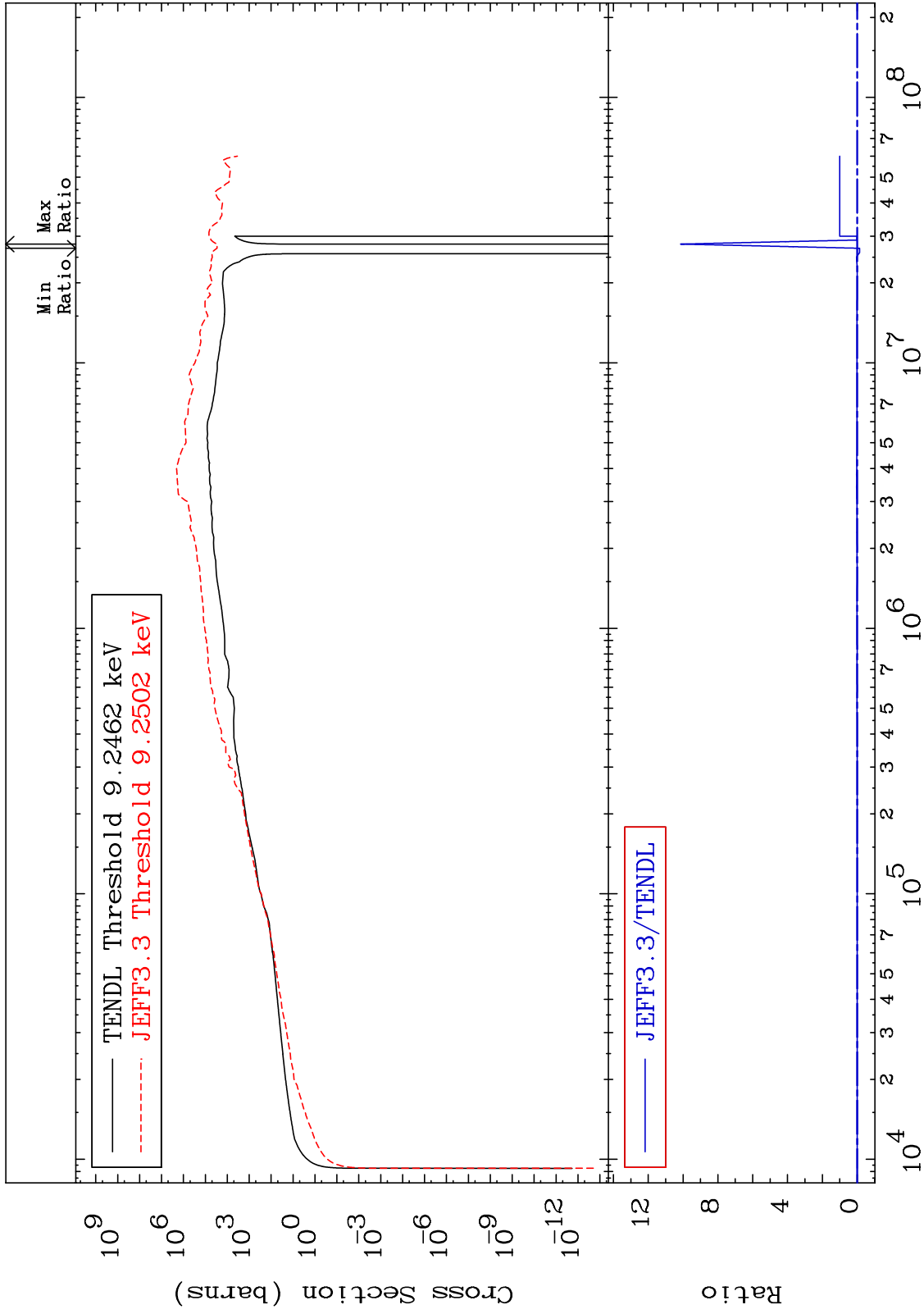
Cross Section



MAT 9131

Kerma inelastic (mt51-91)
Cross Section

91-Pa-231
-9999. To 9999. %



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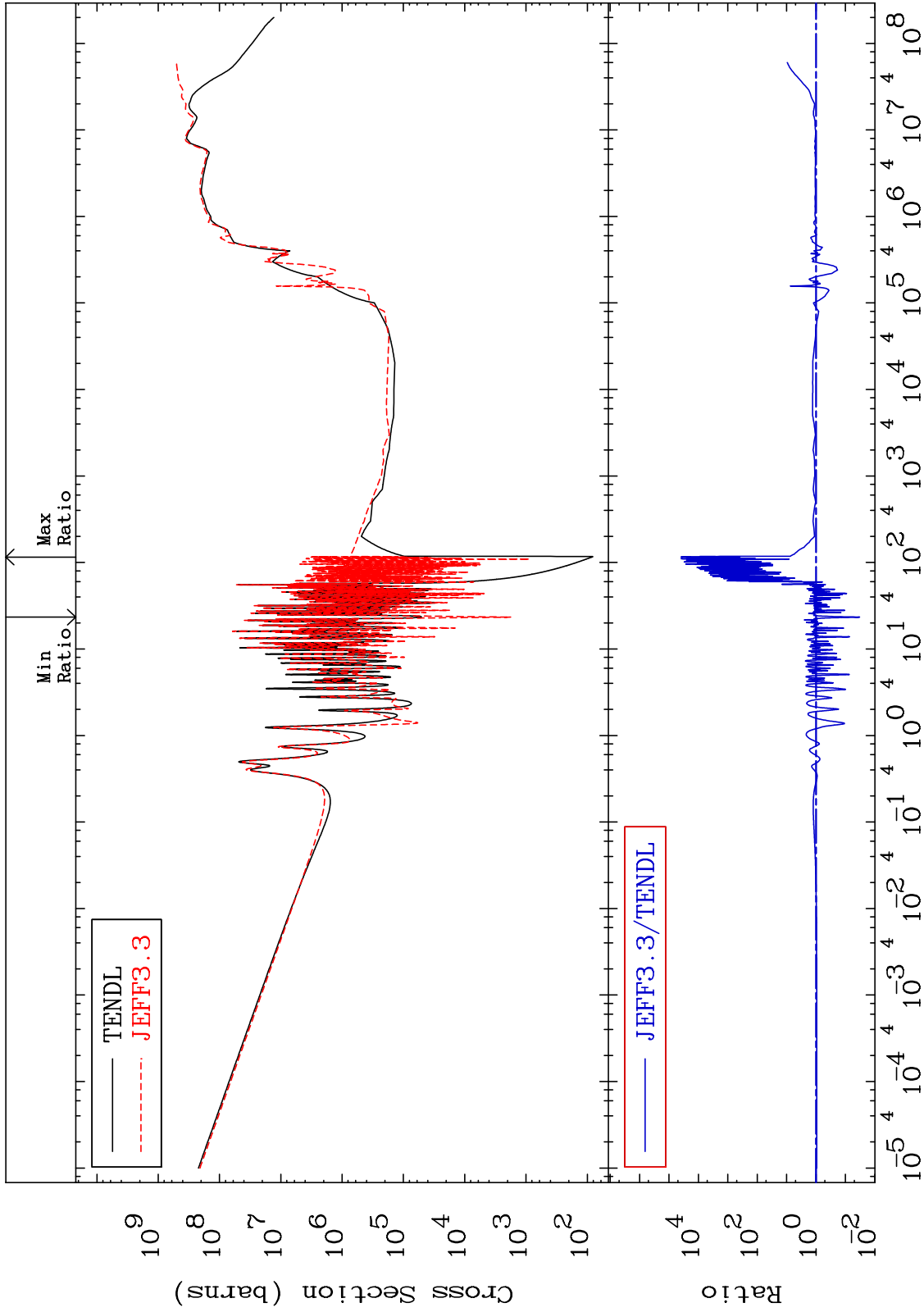
Incident Energy (eV)

91-Pa-231

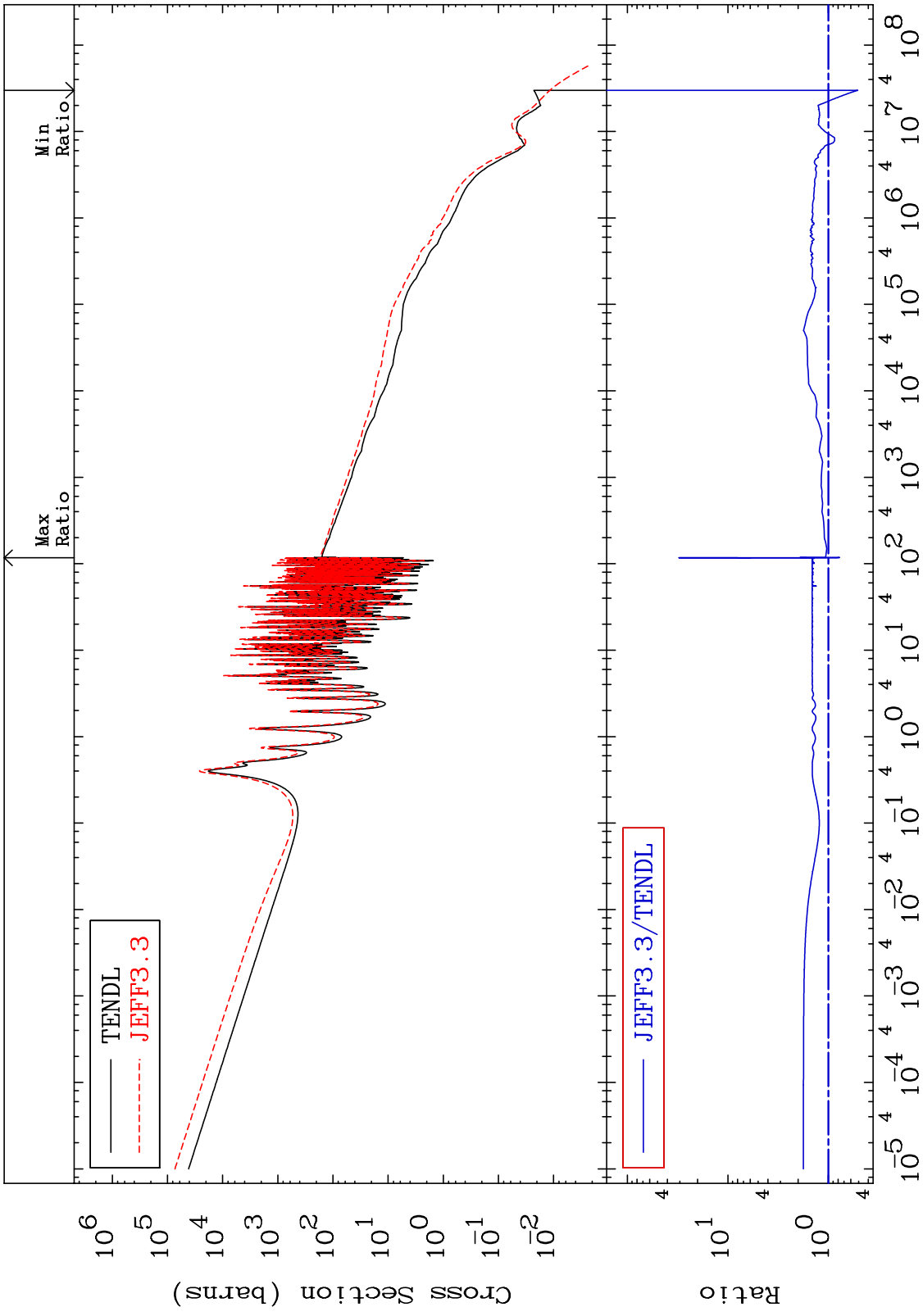
MAT 9131

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

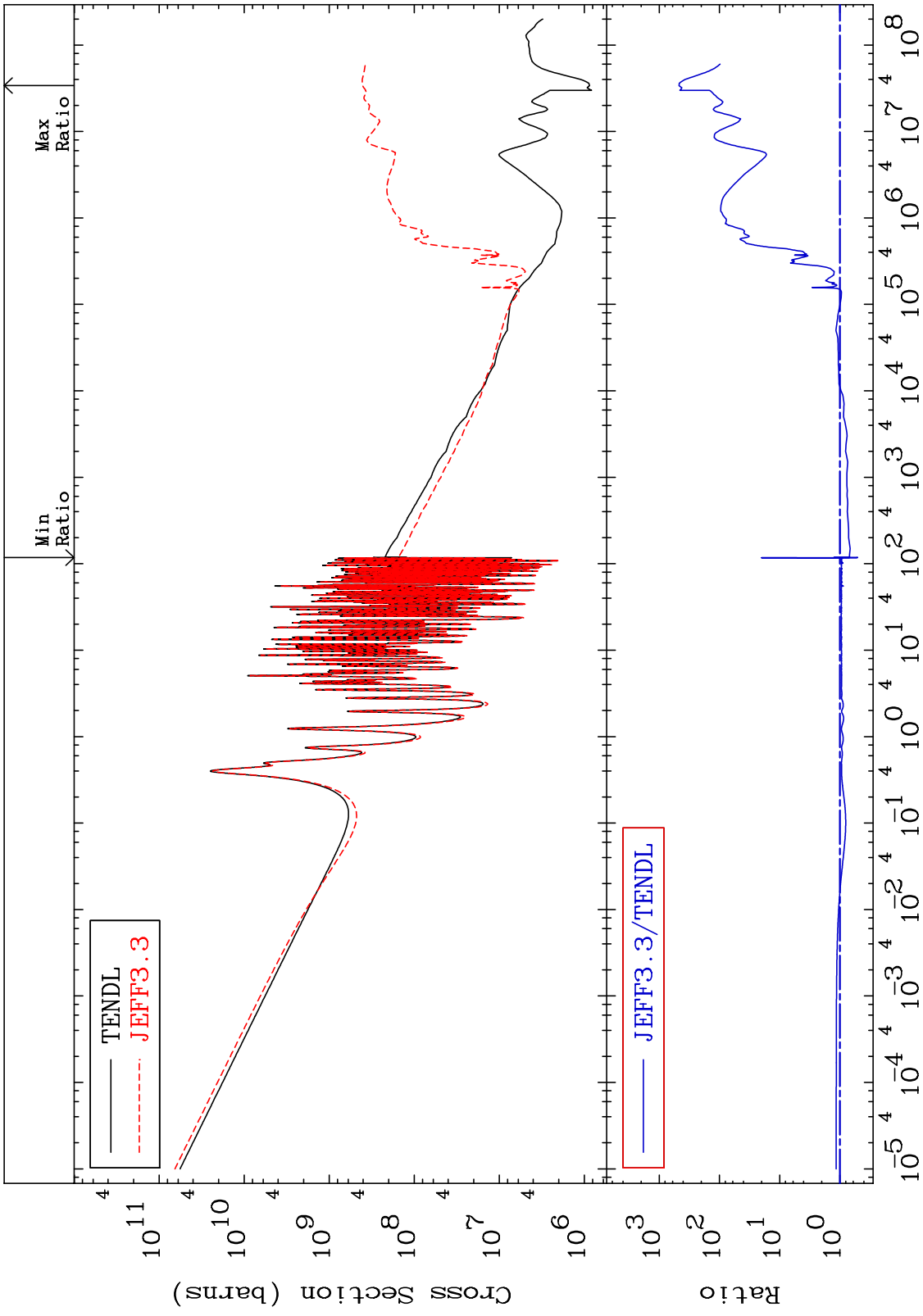
91-Pa-231
-96.71 To 9999. %



MAT 9131 Kerma capture (mt102) 91-Pa-231
 Cross Section -49.06 To 2959. %



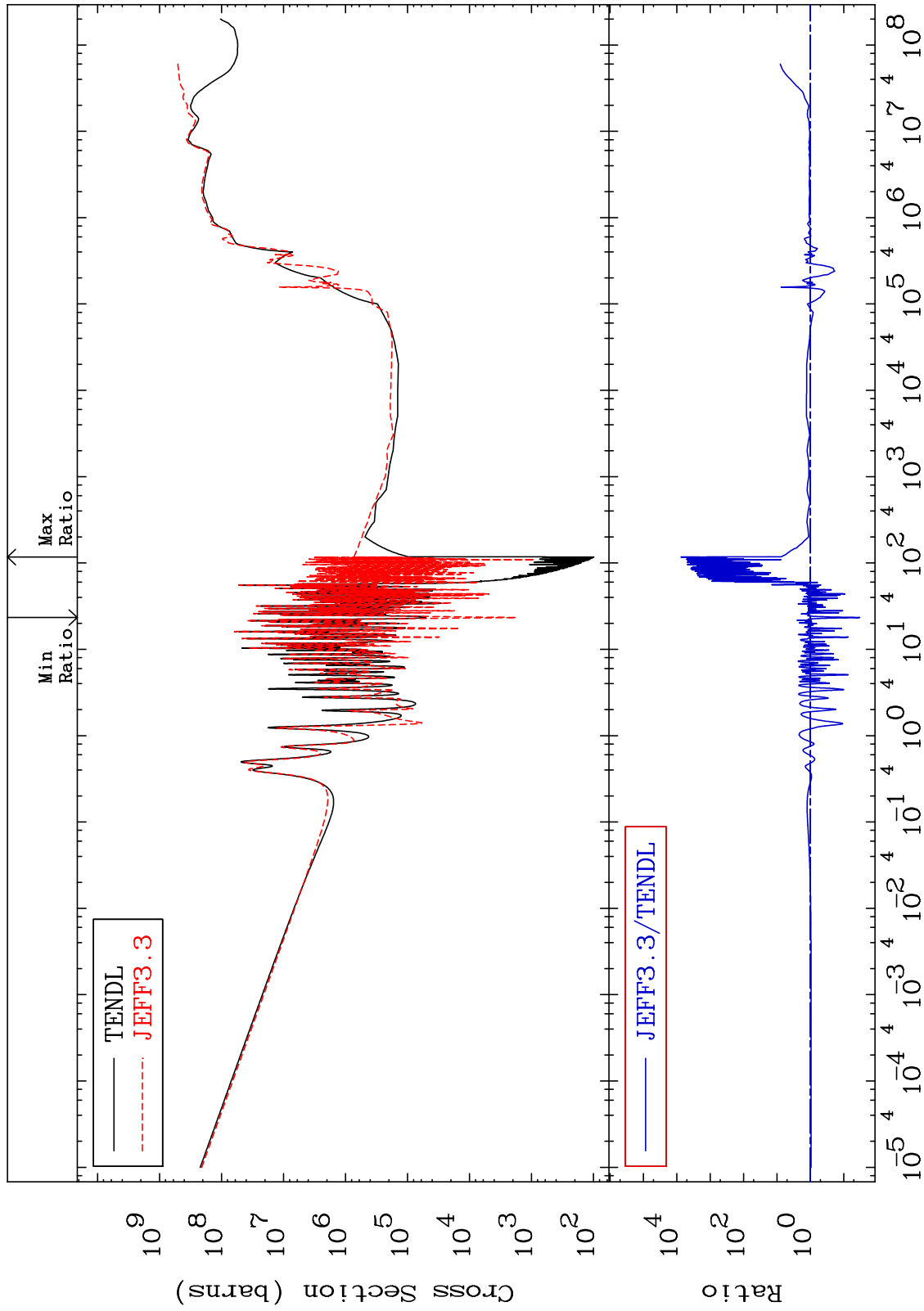
MAT 9131 91-Pa-231
 Total photon (eV-barns) -49.71 To 9999. %
 Cross Section



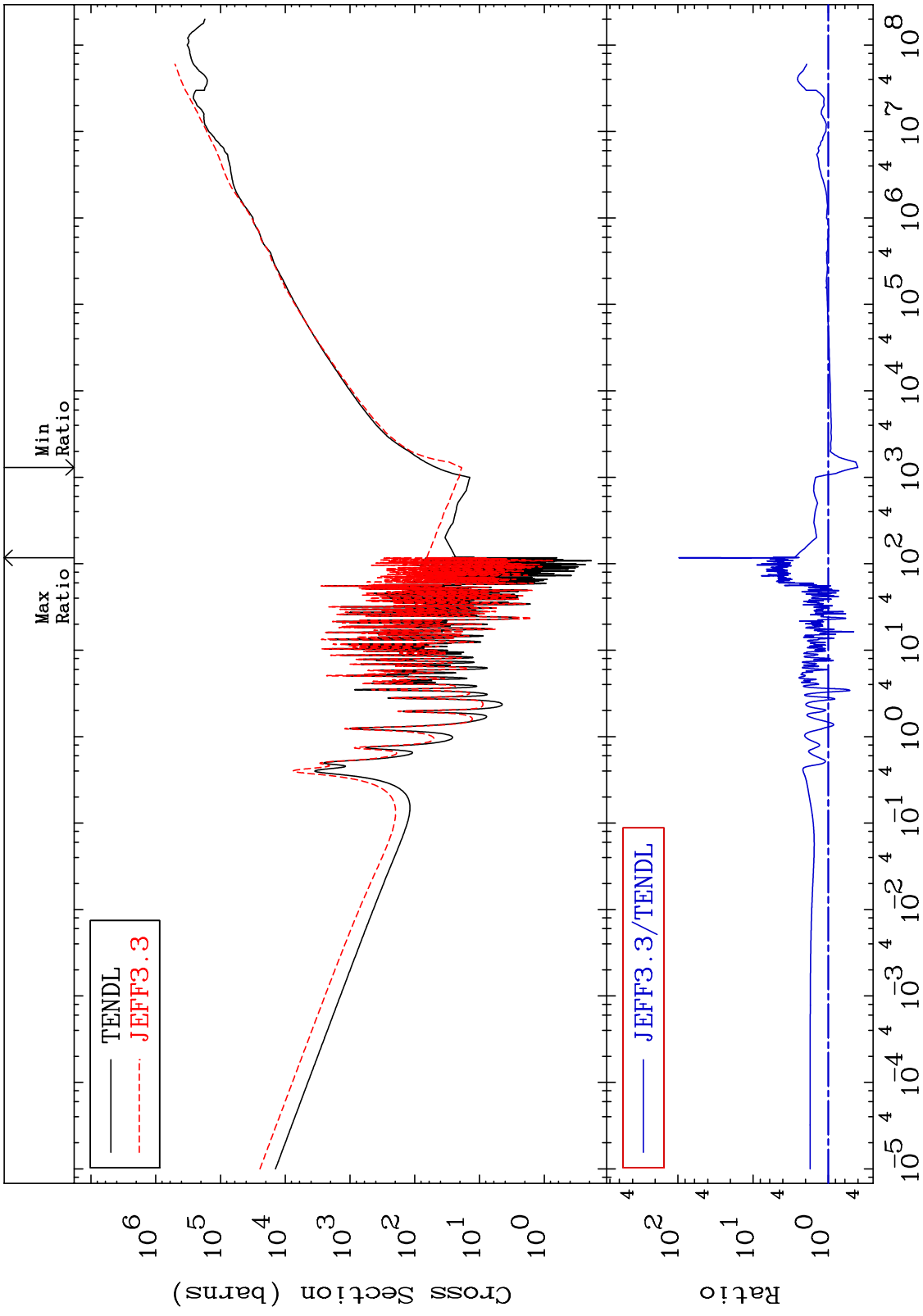
MAT 9131

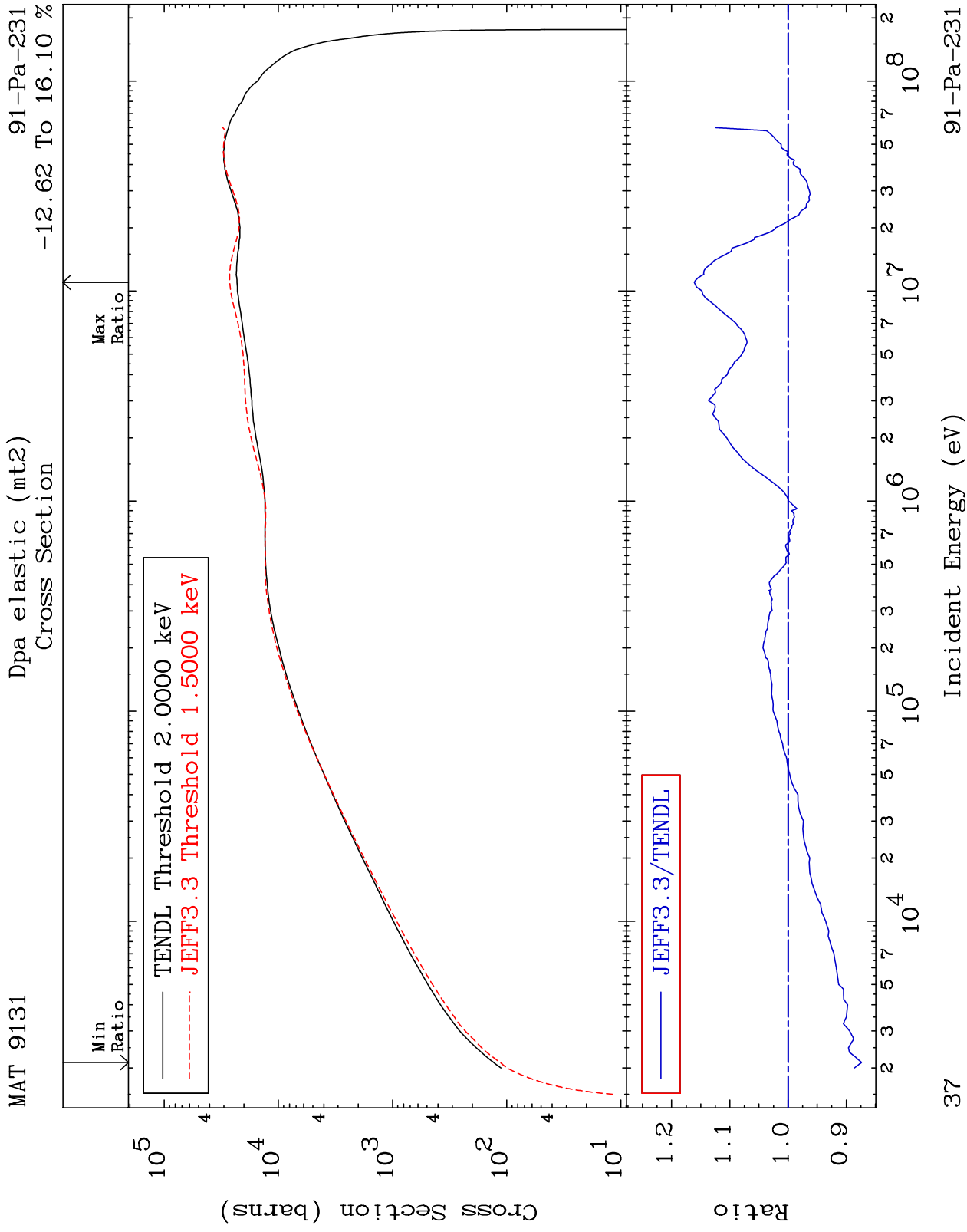
Total kinematic kerma (high limit)
Cross Section

91-Pa-231
-96.69 To 9999. %



MAT 9131 Dpa total (eV-barns) 91-Pa-231
 Cross Section -59.67 To 9530. %

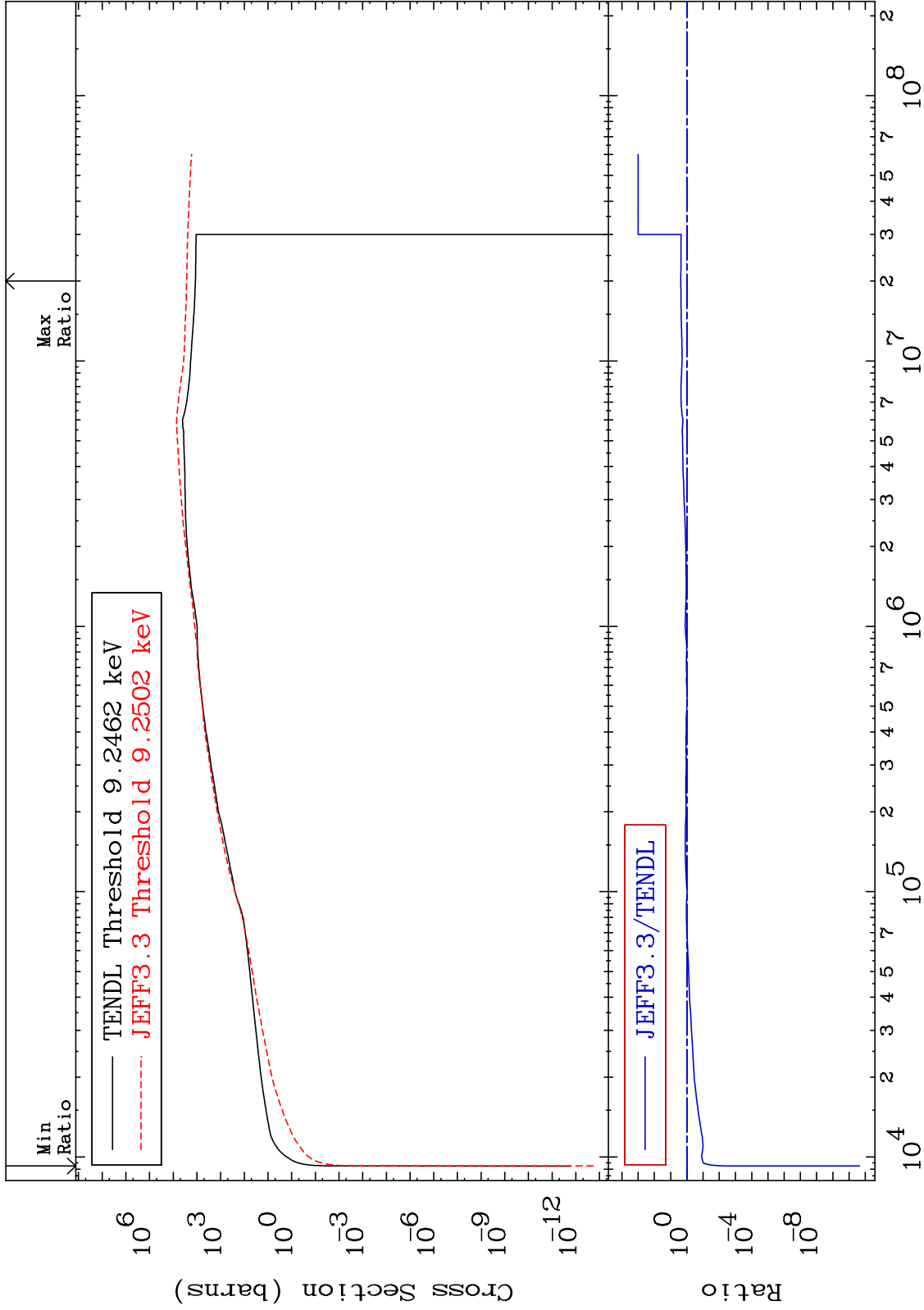




MAT 9131

Dpa inelastic (mt51-91)
Cross Section

91-Pa-231
-100.0 To 135.2 %



MAT 9131

Dpa disappearance (mt102 -120)
Cross Section

91-Pa-231
-69.40 To 5961. %

