

Program Complot
(Version 2018-1)

by

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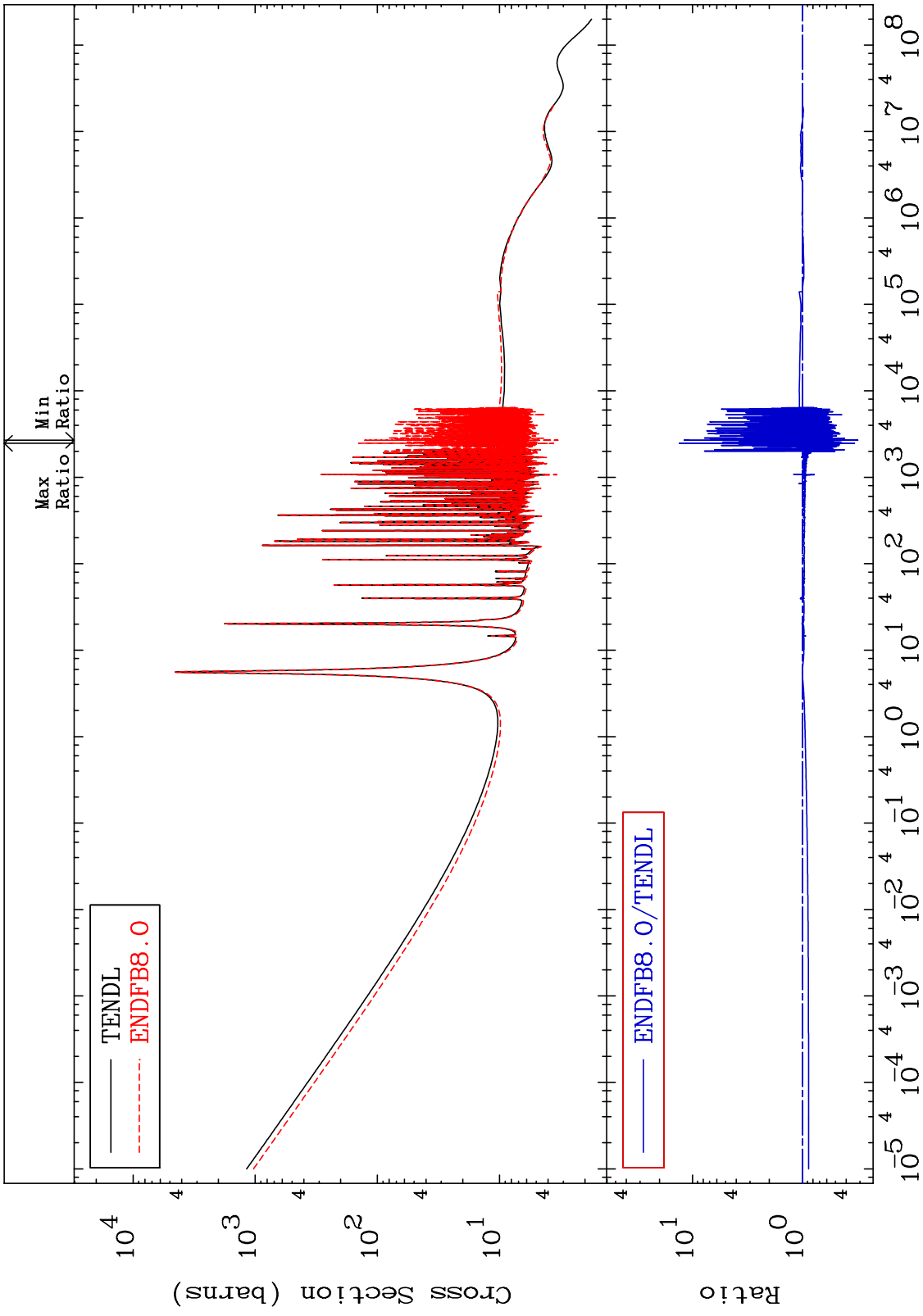
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Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4325 Total Cross Section 43-Tc-99
-68.69 To 1226. %

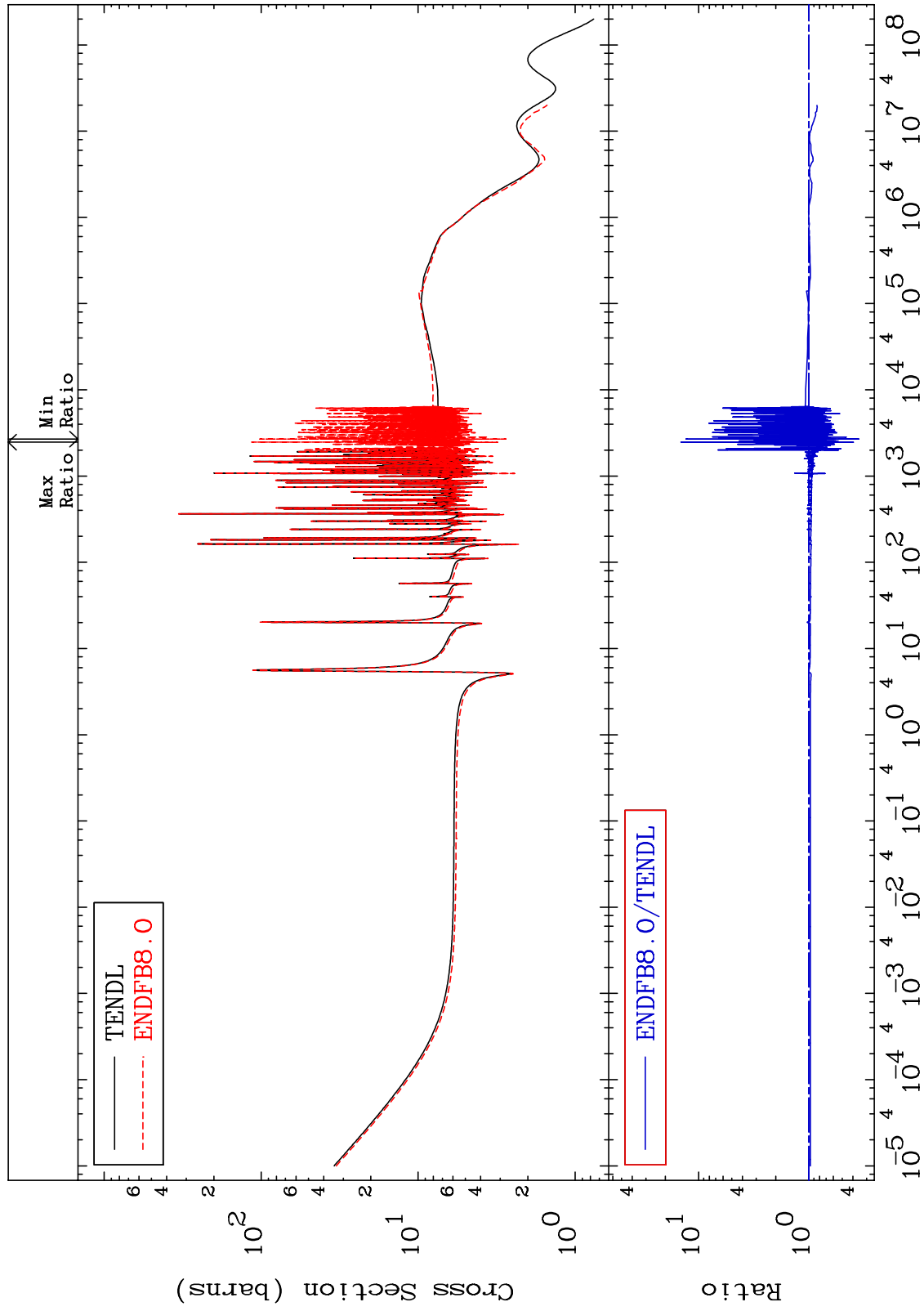


Incident Energy (eV) 43-Tc-99

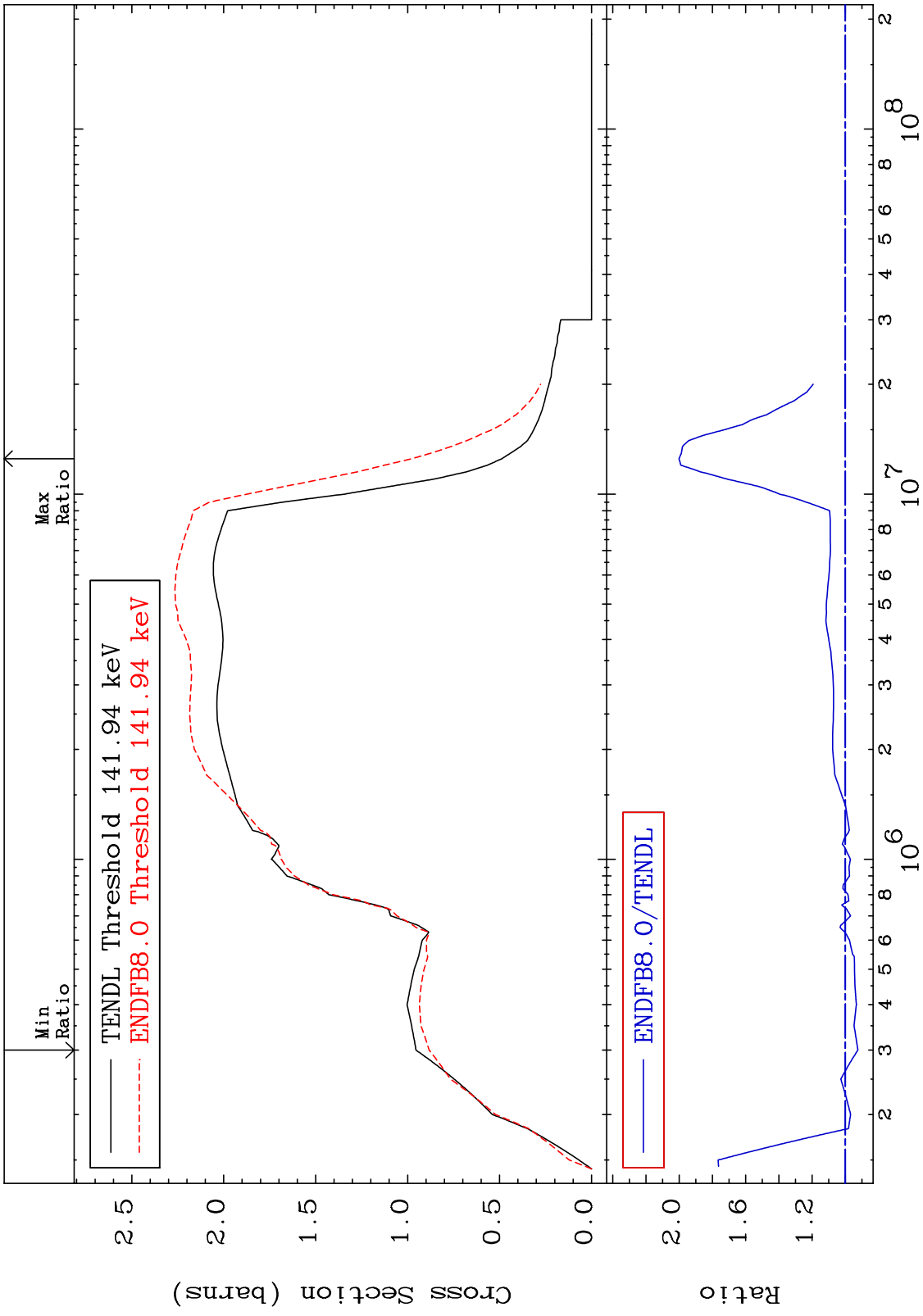
MAT 4325

Elastic
Cross Section

43-Tc-99
-64.88 To 1348. %

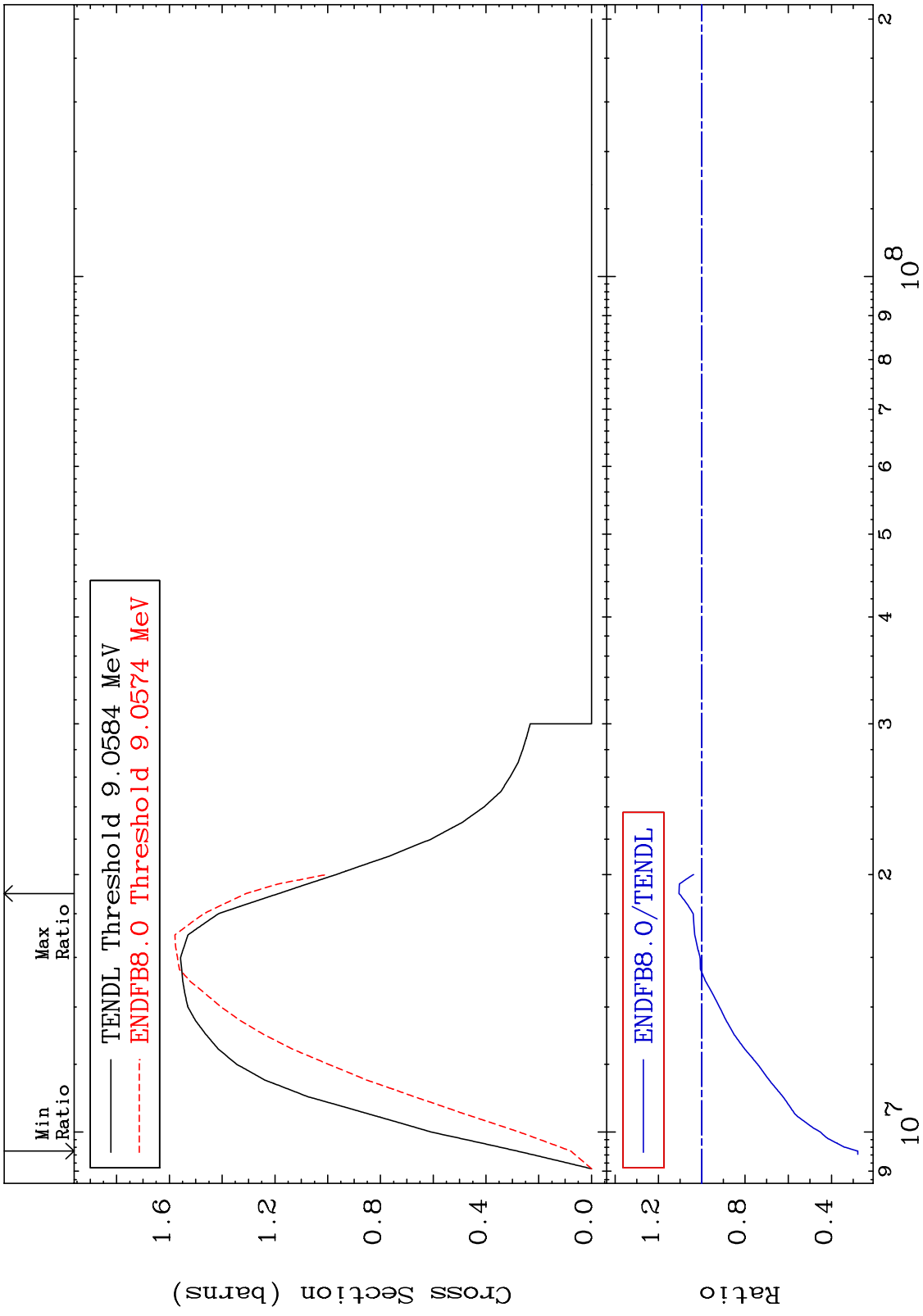


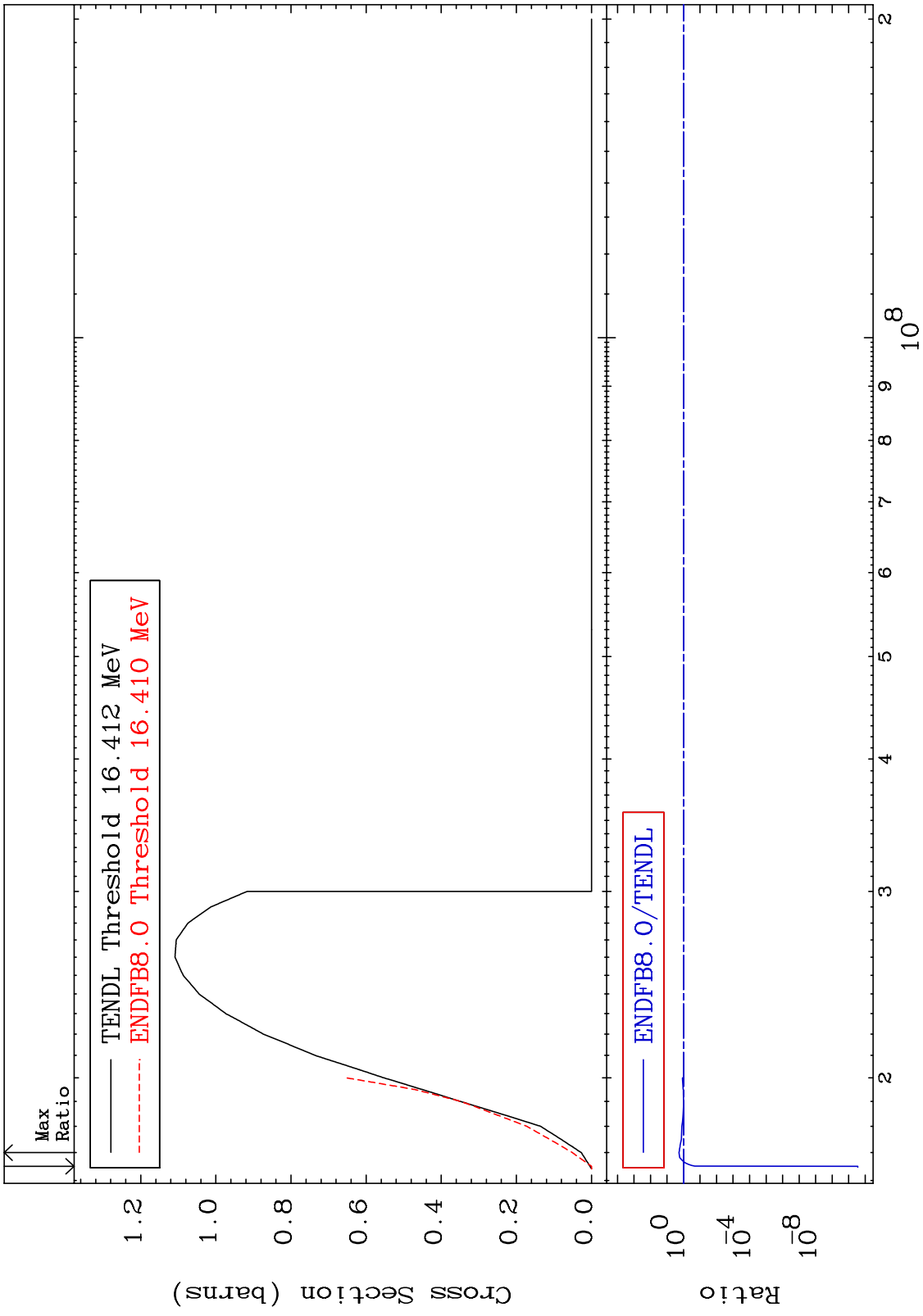
MAT 4325 Inelastic Cross Section 43-Tc-99 -7.493 To 100.1 %



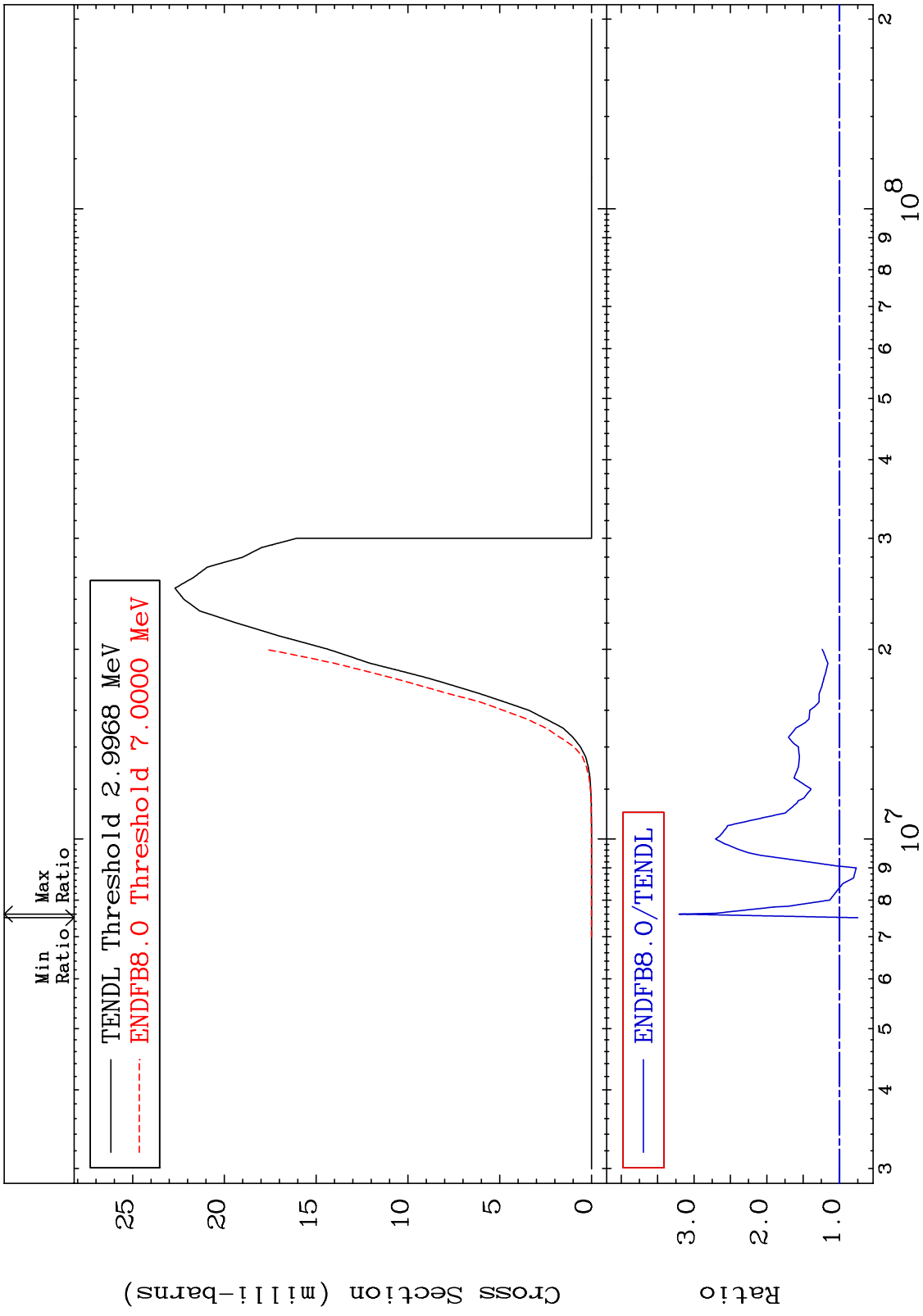
3 43-Tc-99

MAT 4325 (n,2n) Cross Section 43-Tc-99 -72.11 To 10.46 %

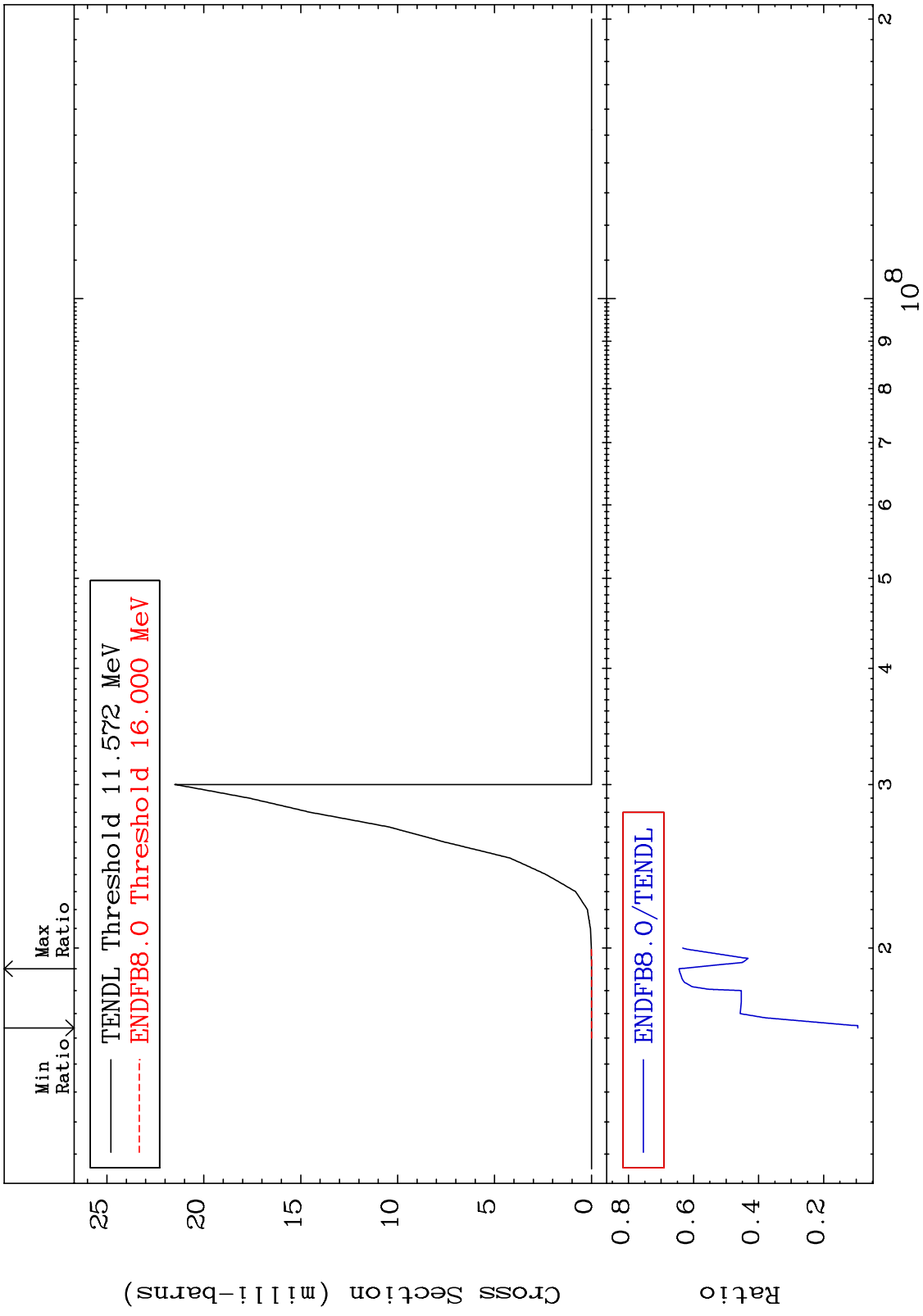




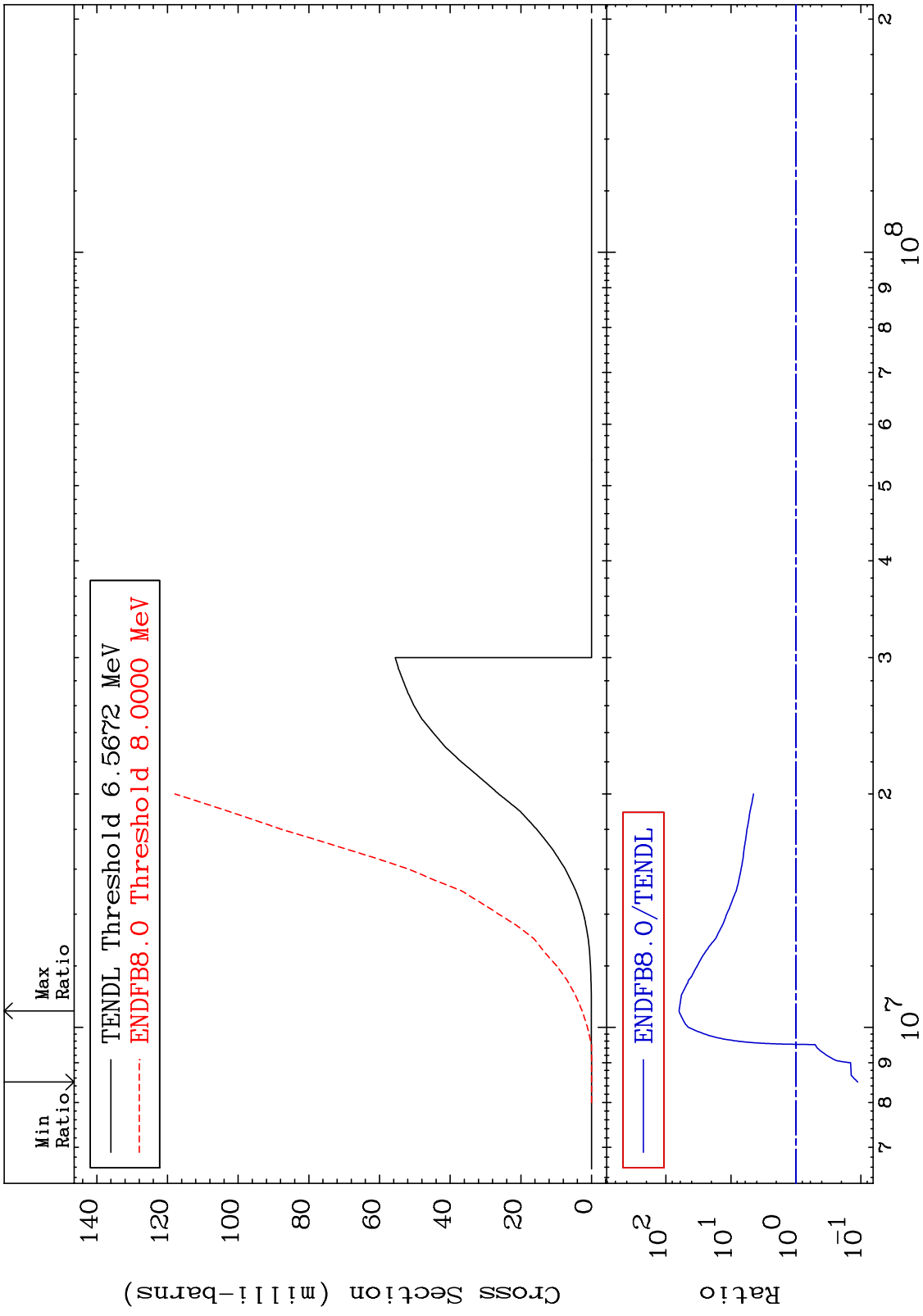
MAT 4325 $(n, n') \alpha$ 43-Tc-99
 Cross Section -25.16 To 220.6 %



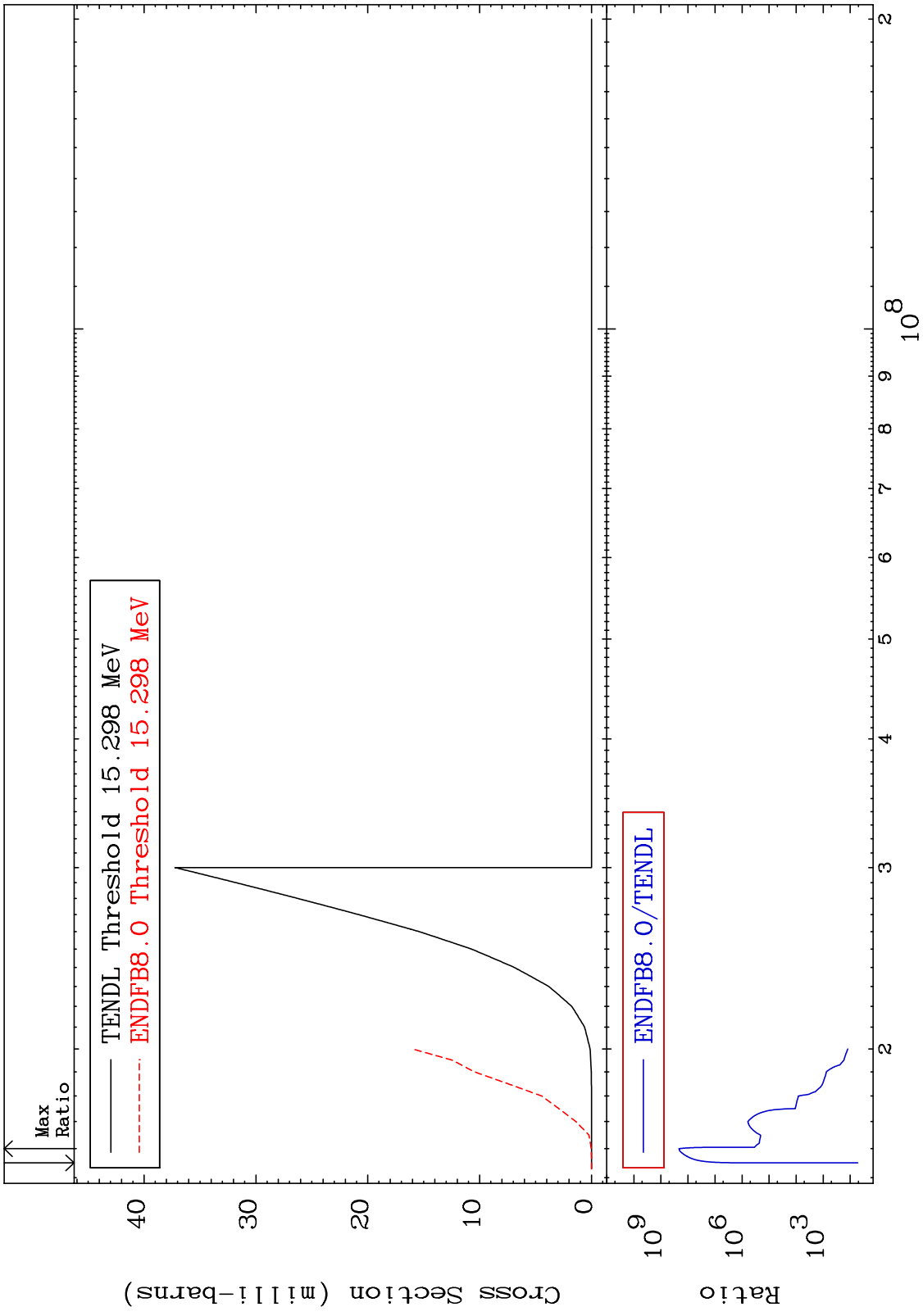
MAT 4325 (n,2n) α 43-Tc-99
 Cross Section -90.51 To -35.52%



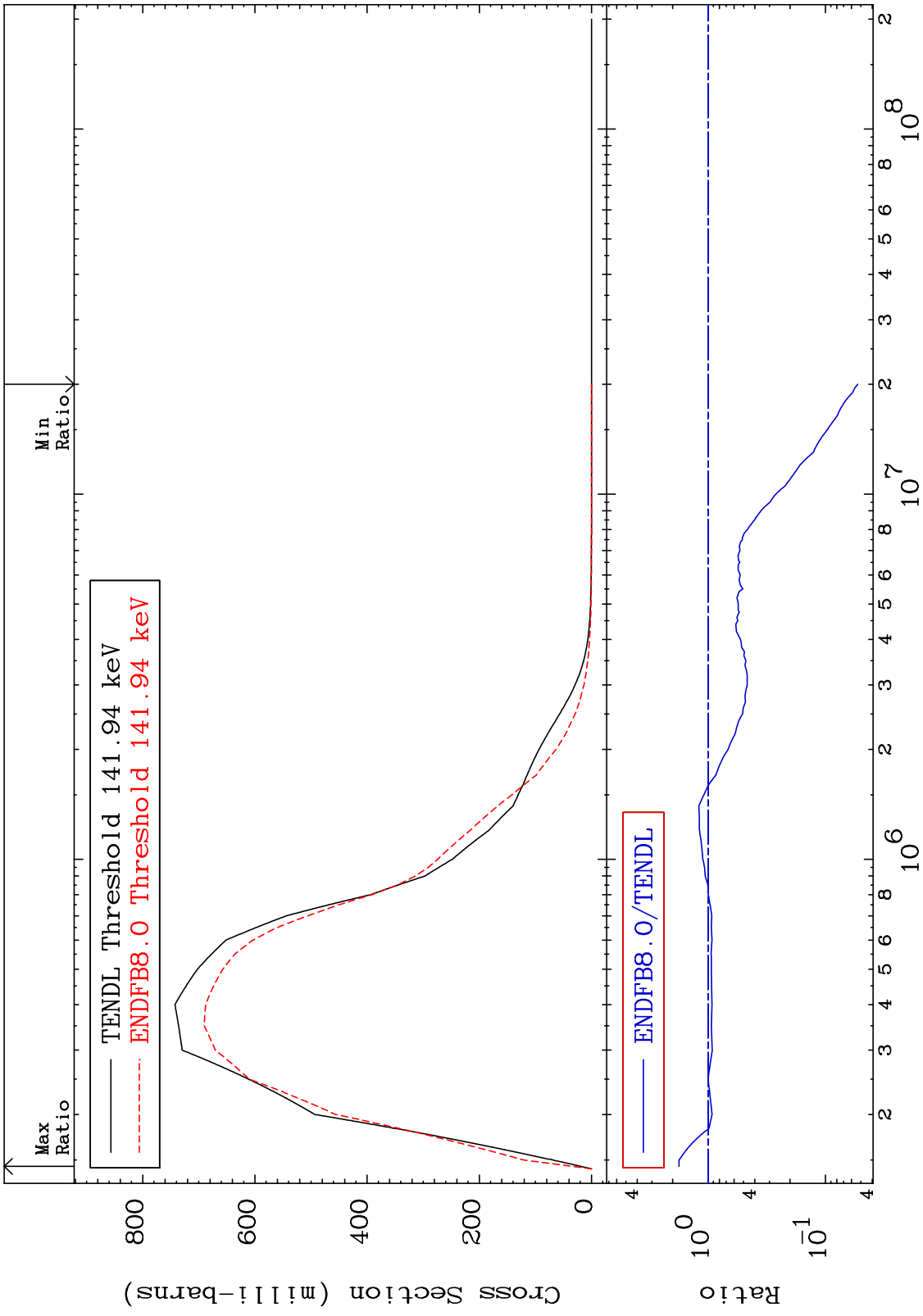
MAT 4325 (n,n') p 43-Tc-99
 Cross Section -88.86 To 6177. %



MAT 4325 (n,2n) p 43-Tc-99
 Cross Section 5140. To 9999. %

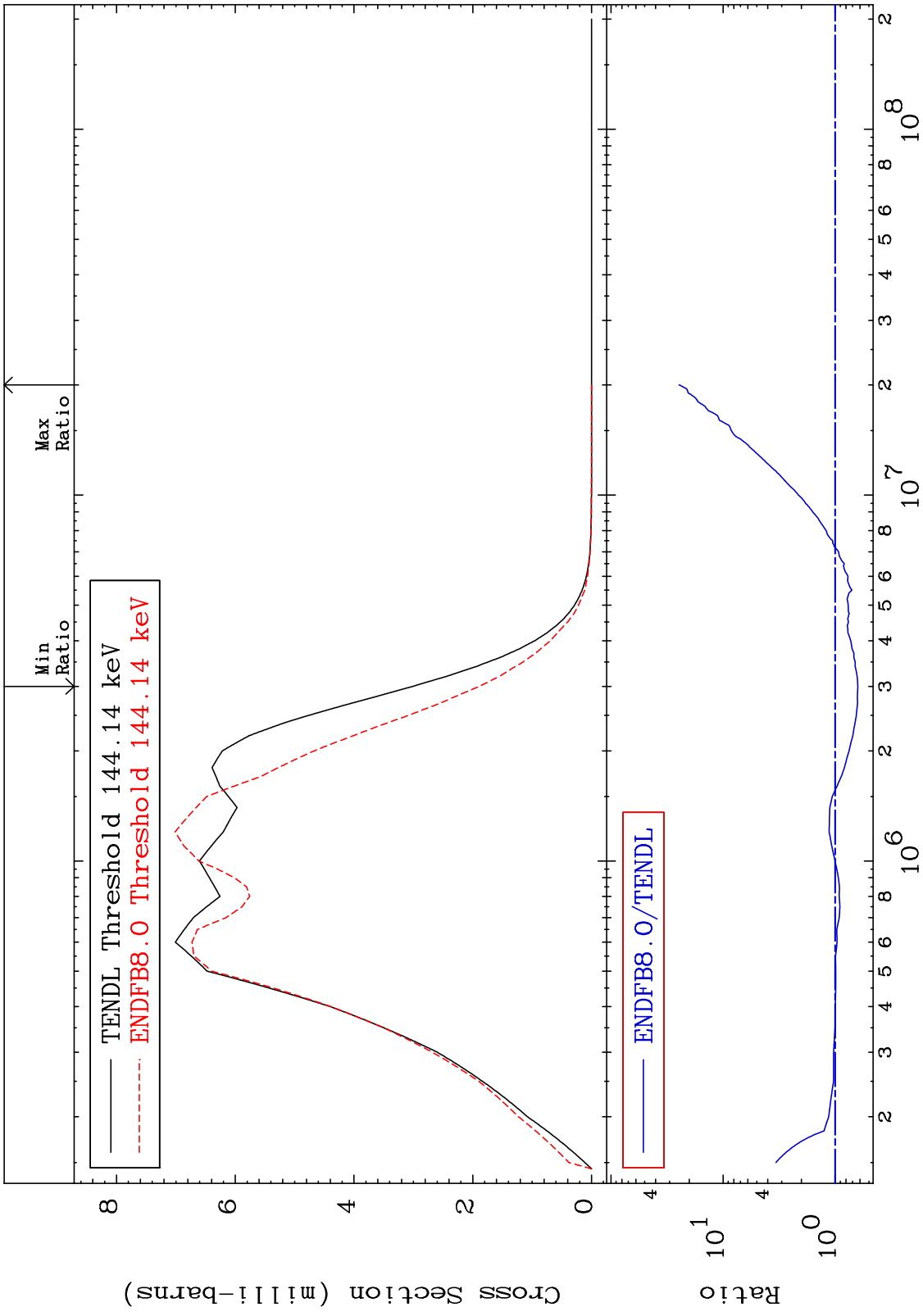


MAT 4325 MT= 51 (n,n') Level Cross Section 43-Tc-99
 -94.70 To 76.38 %

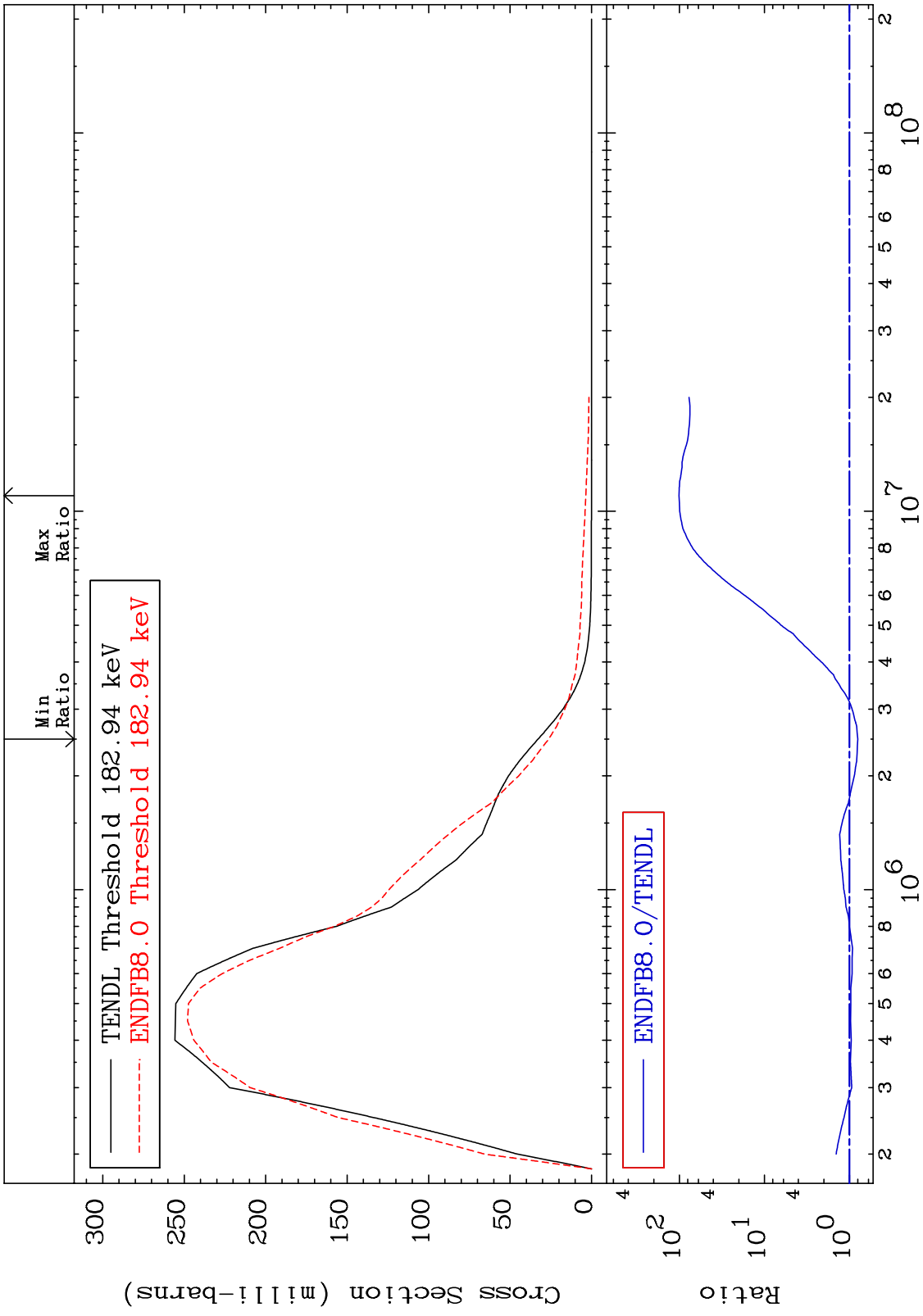


10 43-Tc-99

MAT 4325 MT= 52 (n,n') Level Cross Section -37.28 To 2371. % 43-Tc-99

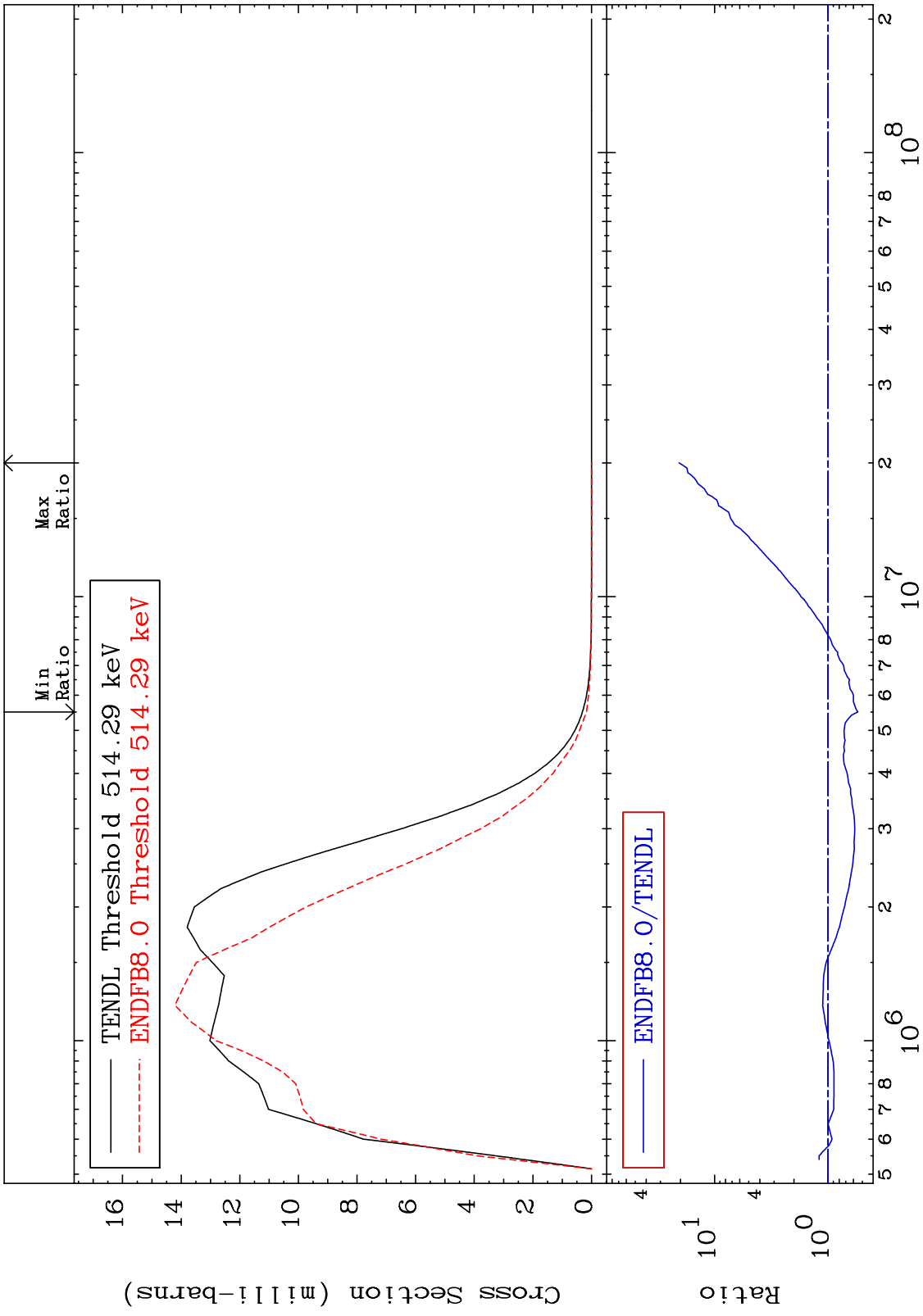


MAT 4325 MT= 53 (n,n') Level Cross Section 43-Tc-99
 -20.06 To 9999. %

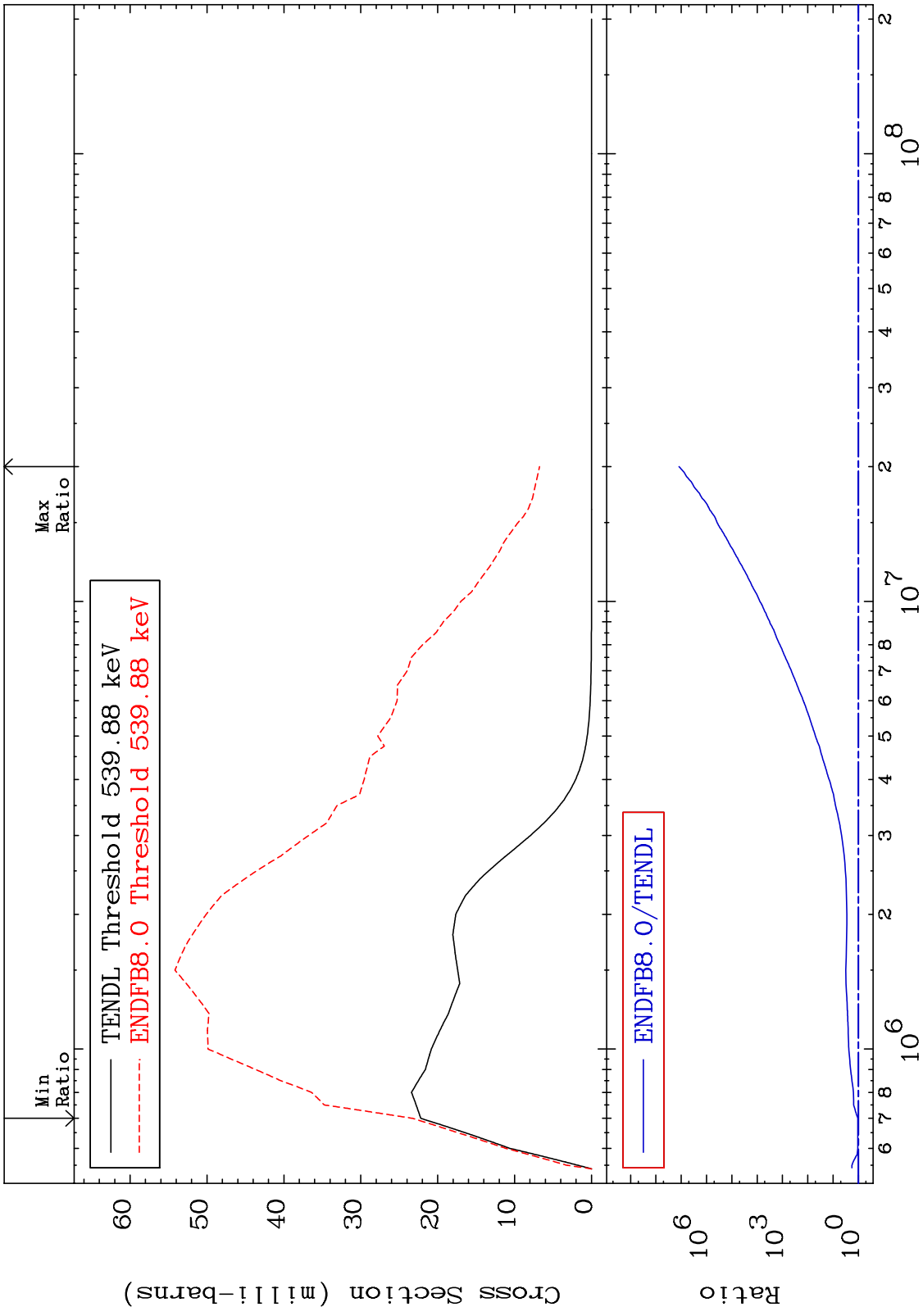


12 43-Tc-99

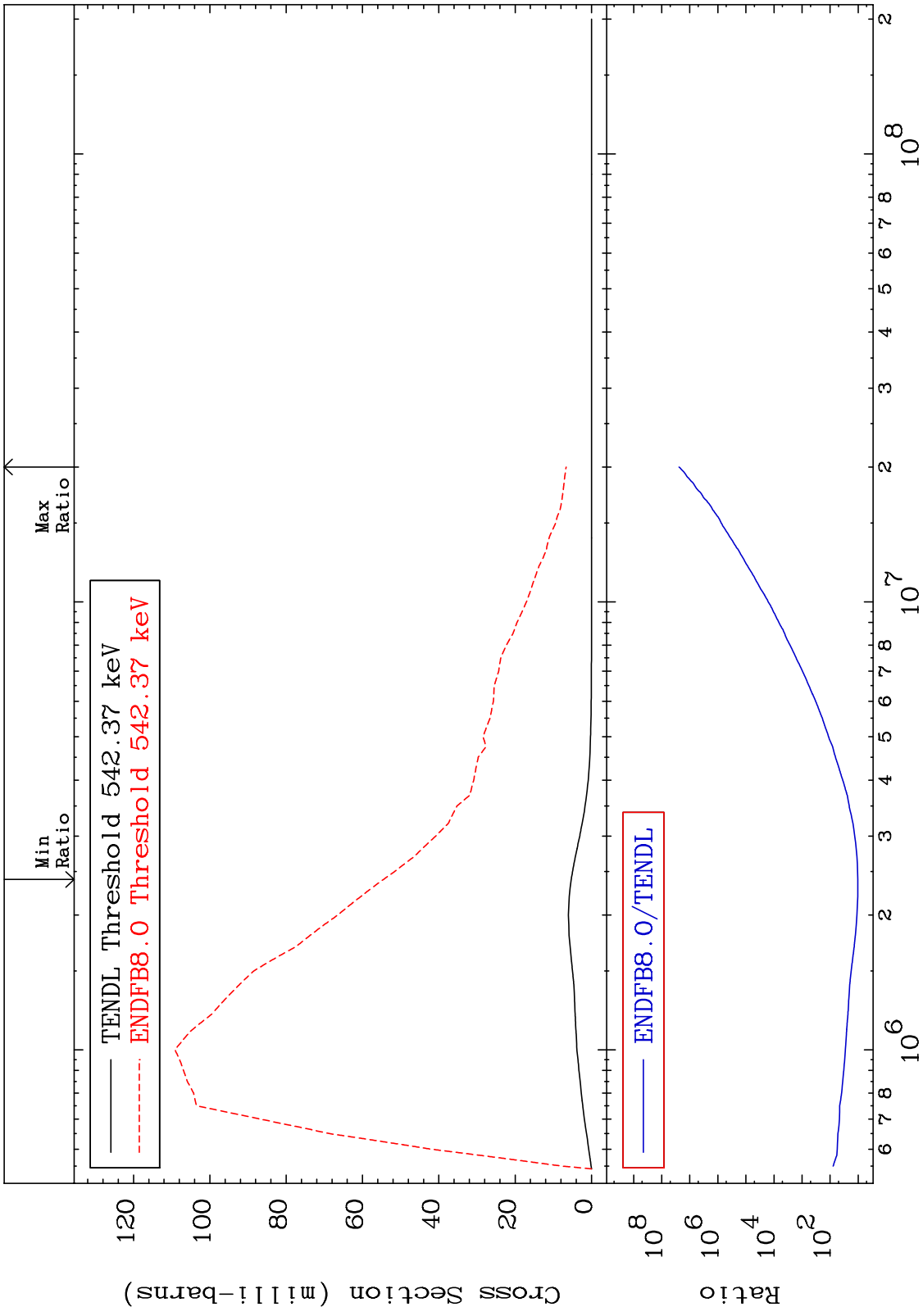
MAT 4325 MT= 54 (n,n') Level Cross Section -45.26 To 1957. % 43-Tc-99



MAT 4325 MT= 55 (n,n') Level Cross Section 4.833 To 9999. % 43-Tc-99



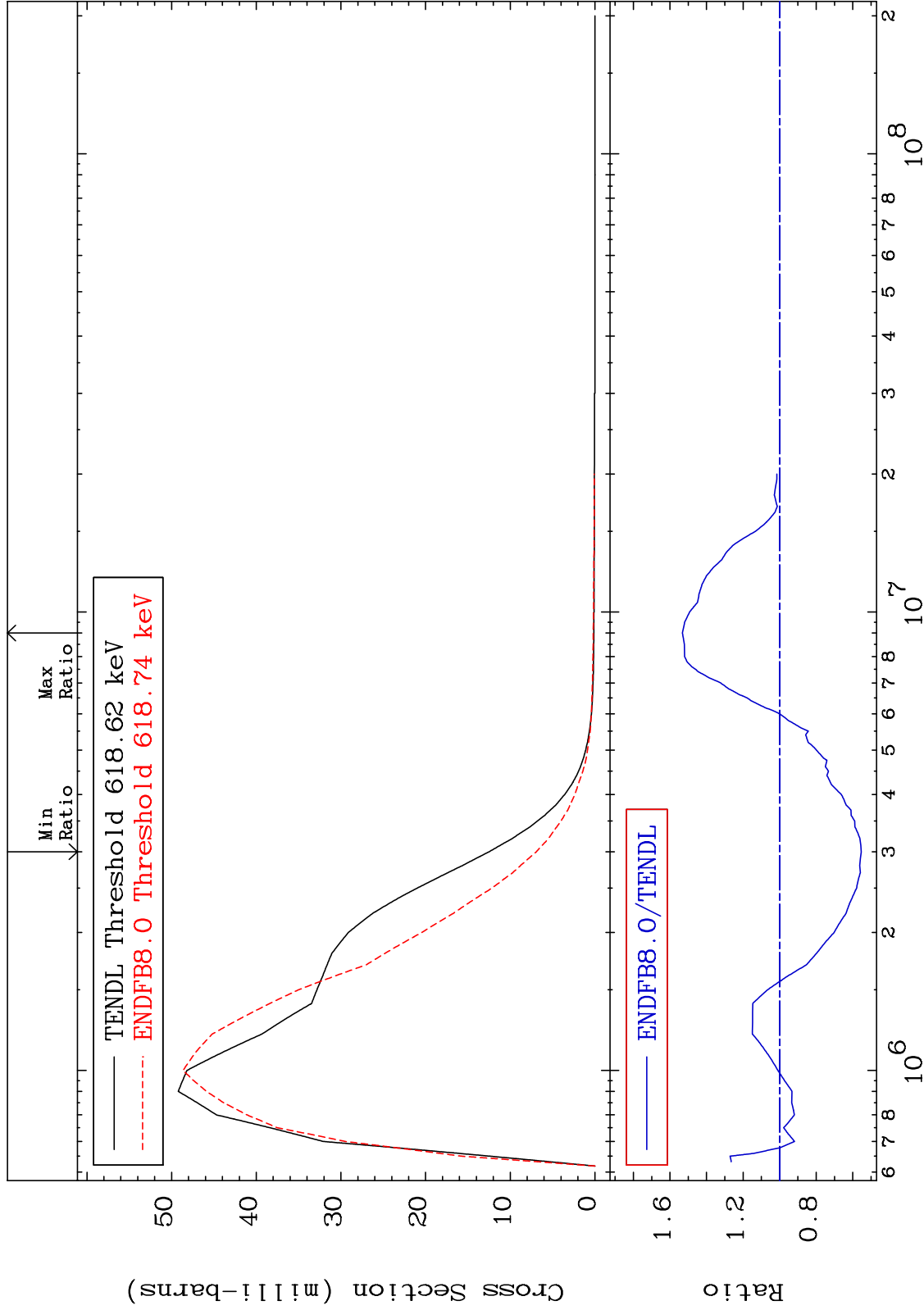
MAT 4325 MT= 56 (n,n') Level Cross Section 43-Tc-99 925.1 To 9999. %



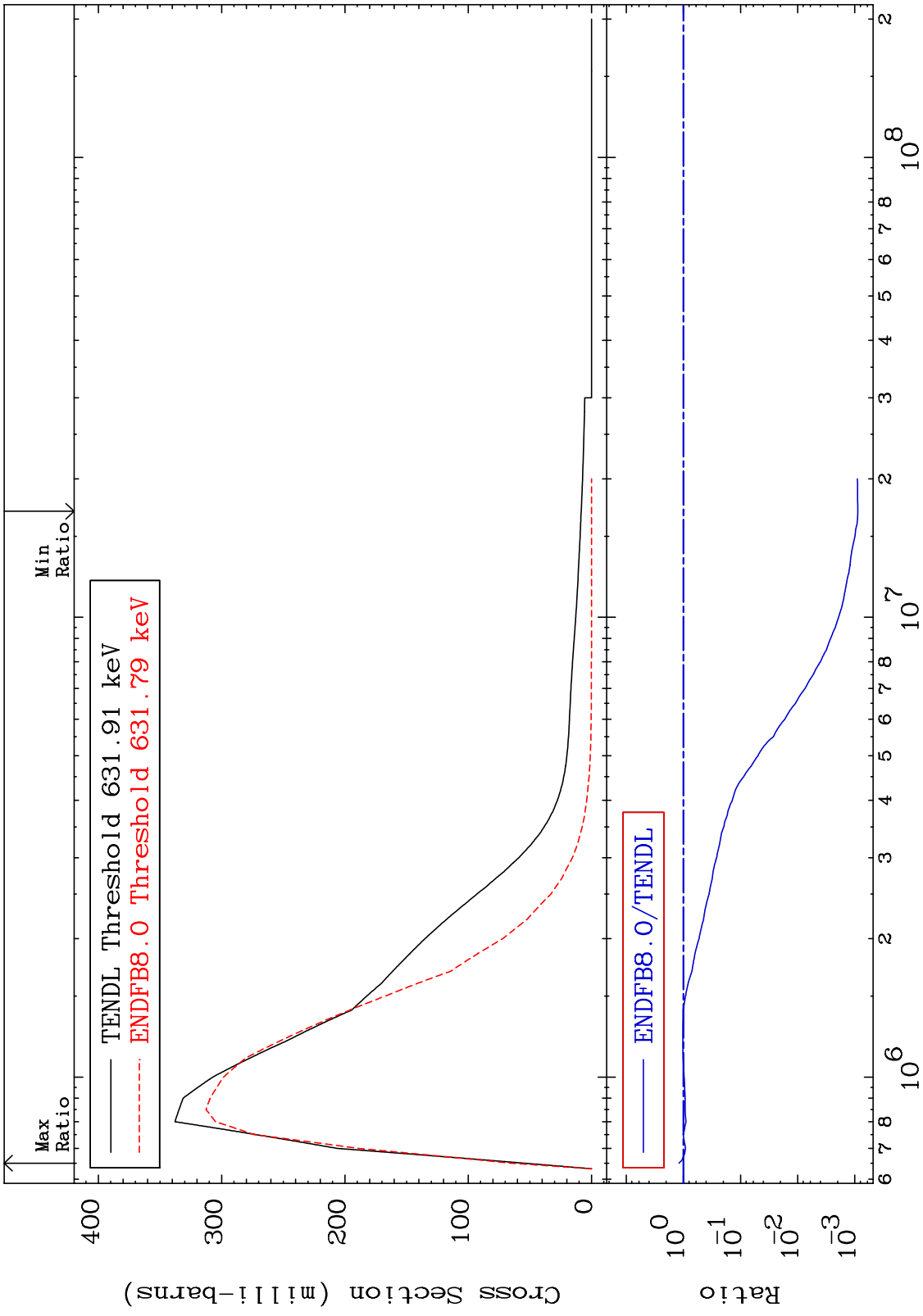
MAT 4325

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

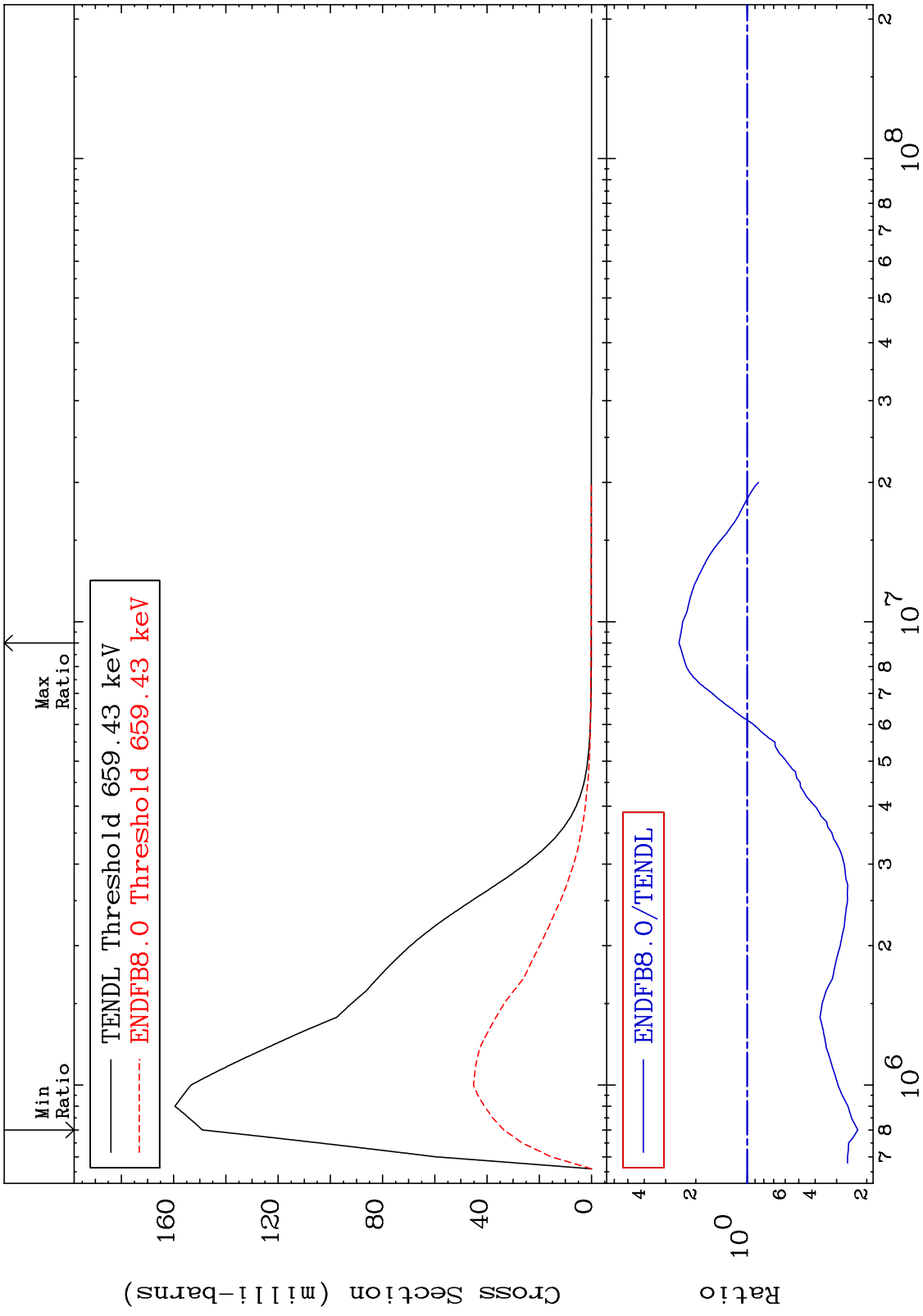
43-Tc-99
-44.68 To 53.17 %



MAT 4325 MT= 58 (n,n') Level Cross Section 43-Tc-99
 -99.91 To 19.12 %



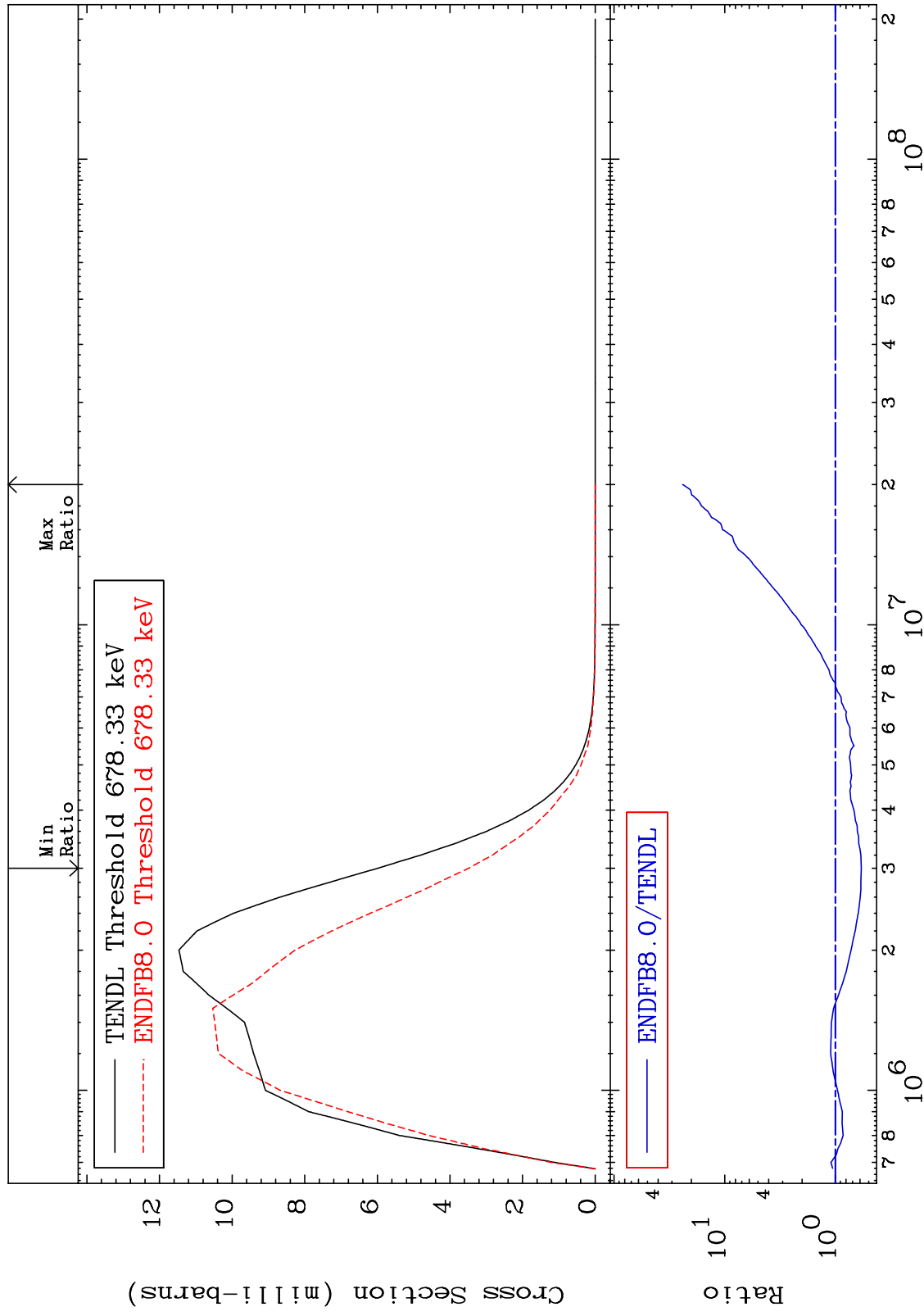
MAT 4325 MT= 59 (n,n') Level Cross Section -77.46 To 150.6 % 43-Tc-99



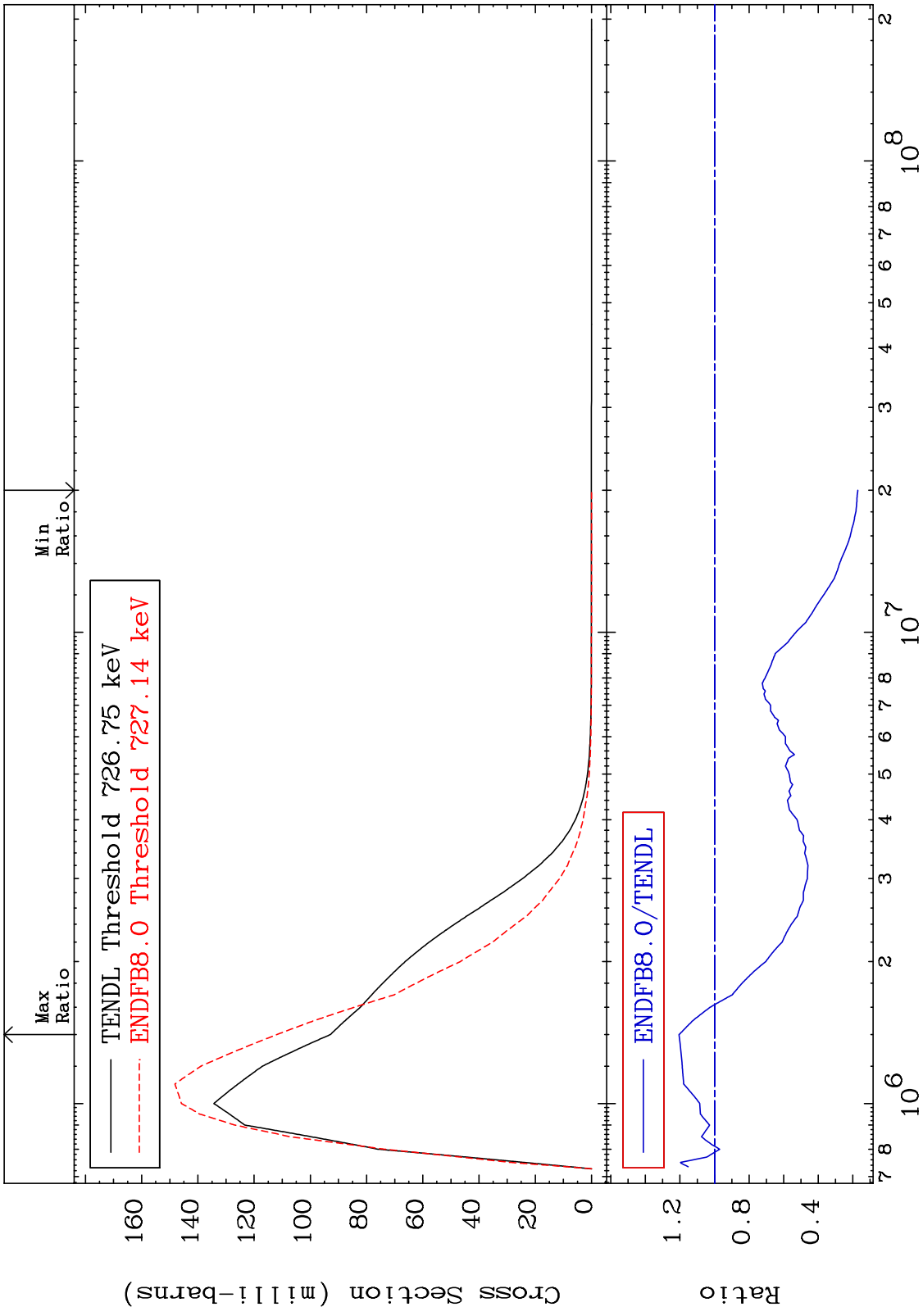
MAT 4325

MT= 60 (n,n') Level
Cross Section

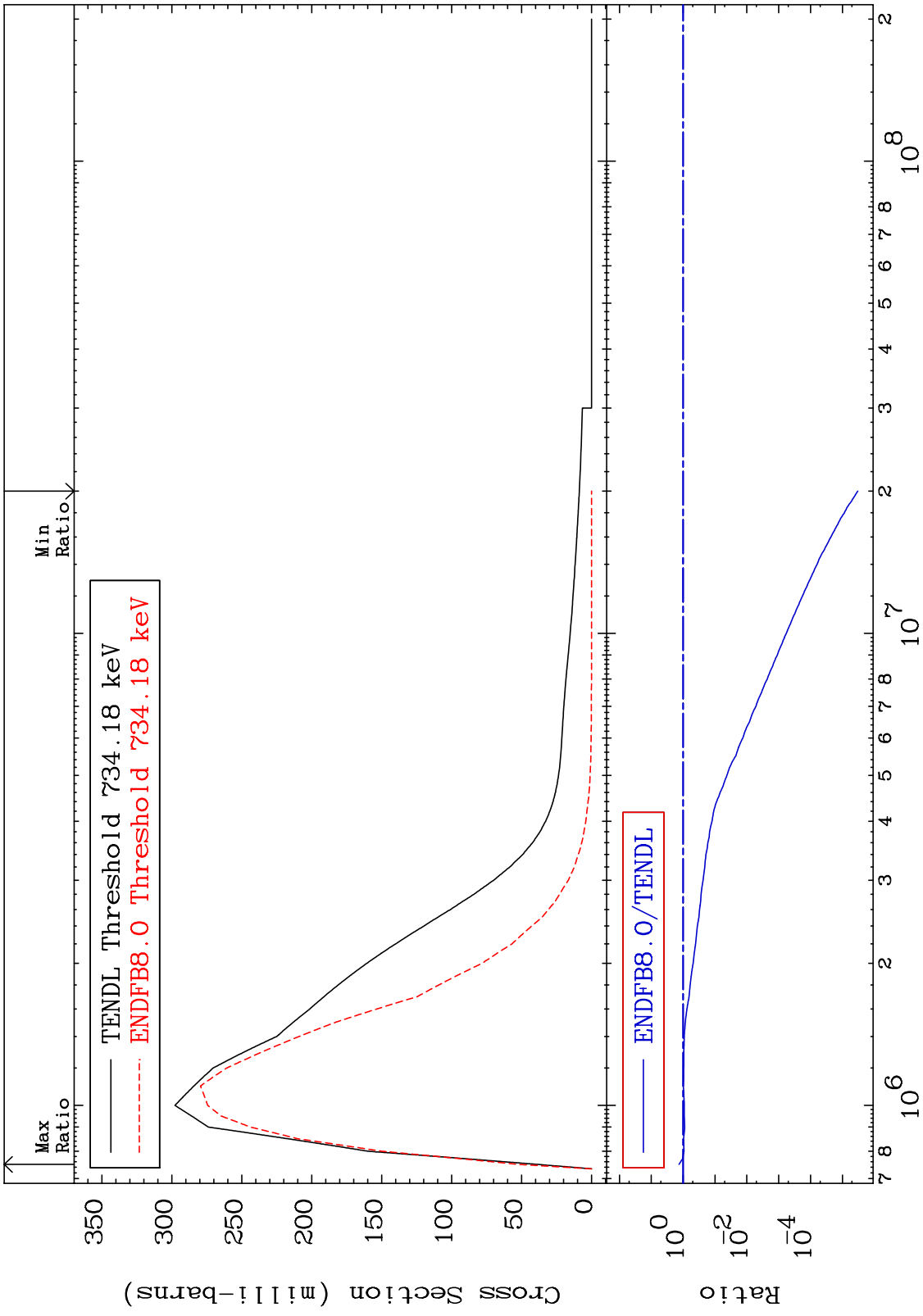
43-Tc-99
-41.76 To 2297. %



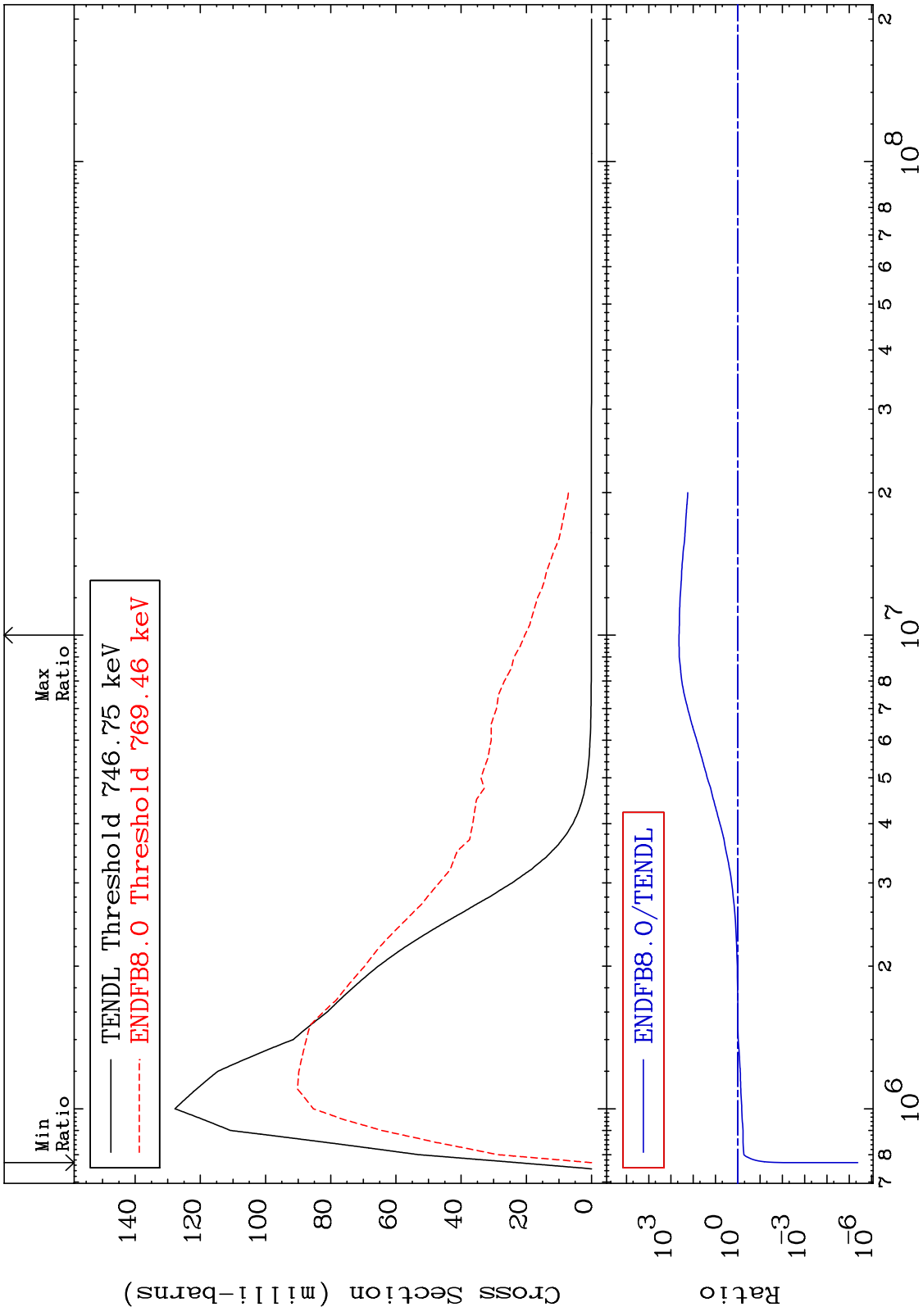
MAT 4325 MT= 61 (n,n') Level Cross Section 43-Tc-99
 -82.94 To 20.53 %



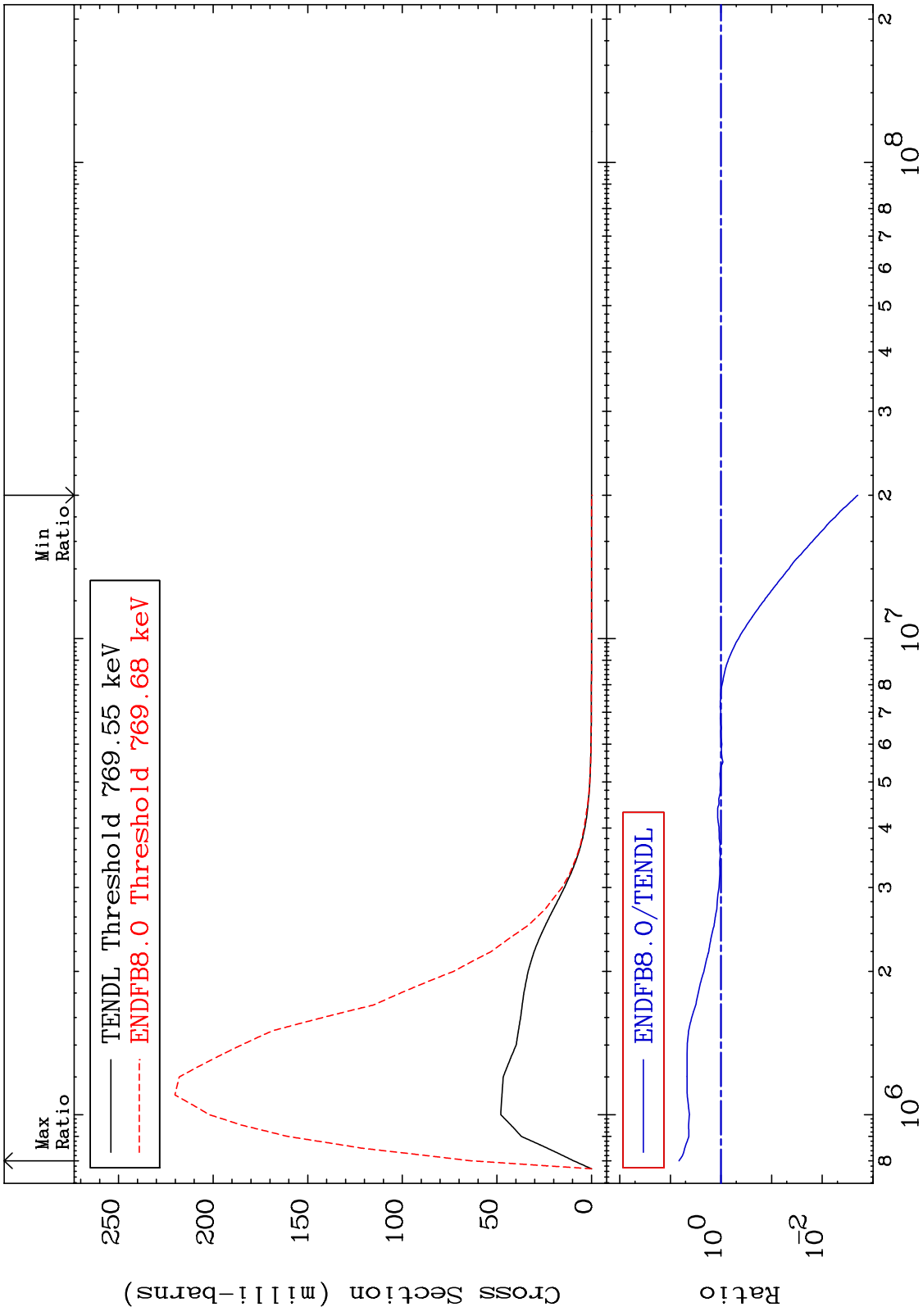
MAT 4325 MT= 62 (n,n') Level Cross Section -100.0 To 34.56 % 43-Tc-99



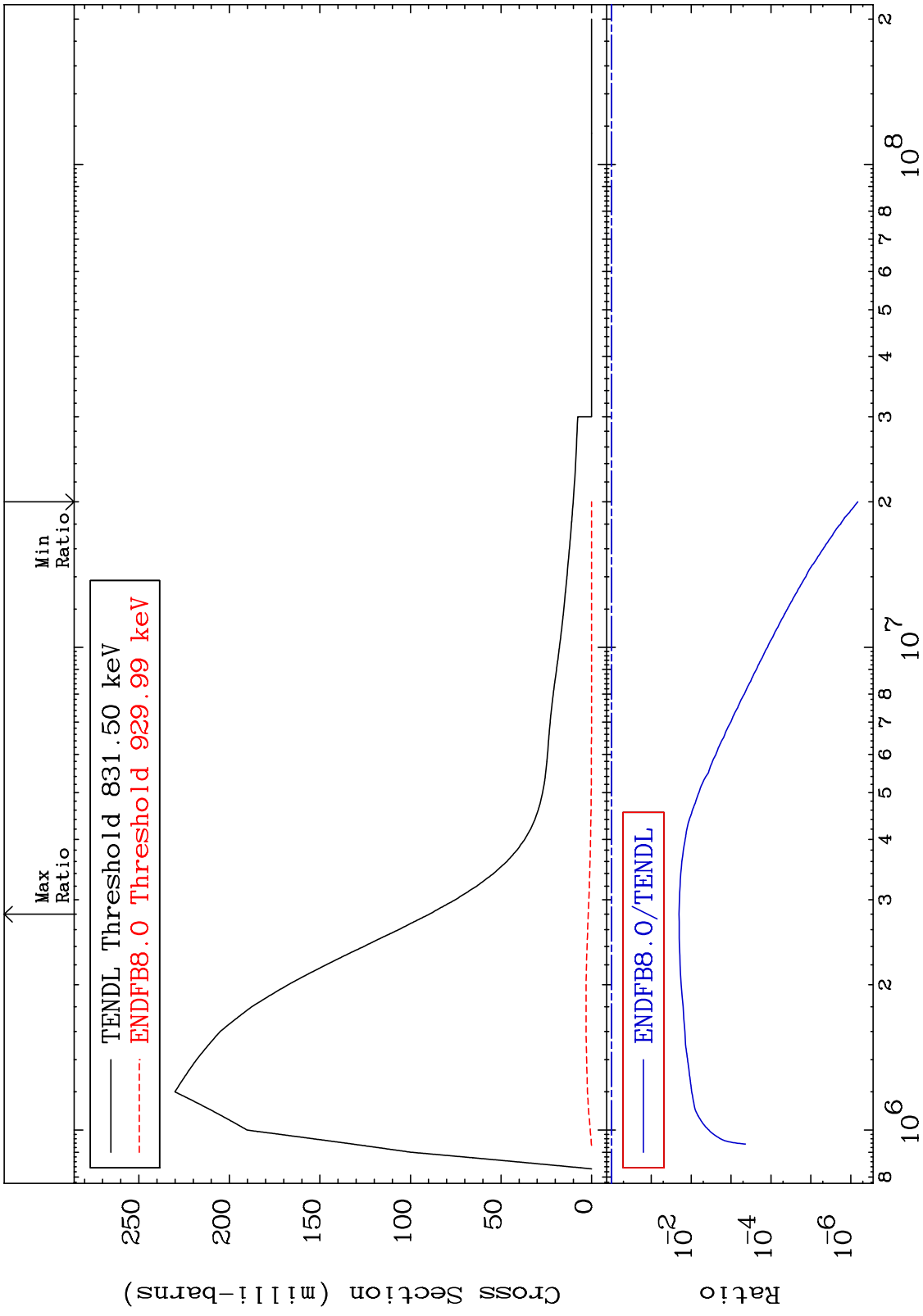
MAT 4325 MT= 63 (n,n') Level Cross Section -100.0 To 9999. % 43-Tc-99



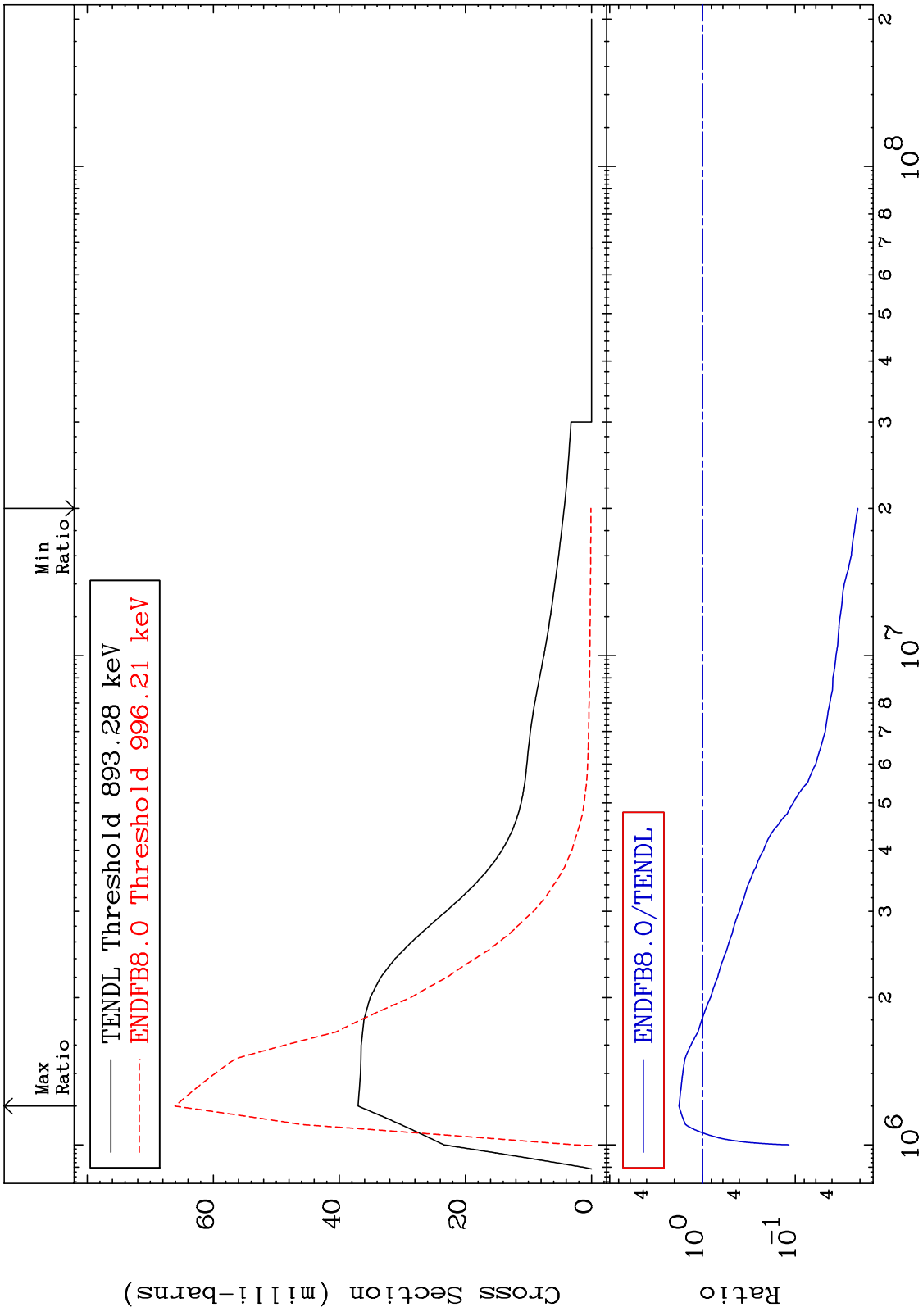
MAT 4325 MT= 64 (n,n') Level Cross Section 43-Tc-99
 -99.80 To 573.5 %



MAT 4325 MT= 65 (n,n') Level Cross Section 43-Tc-99
 -100.0 To -97.99%

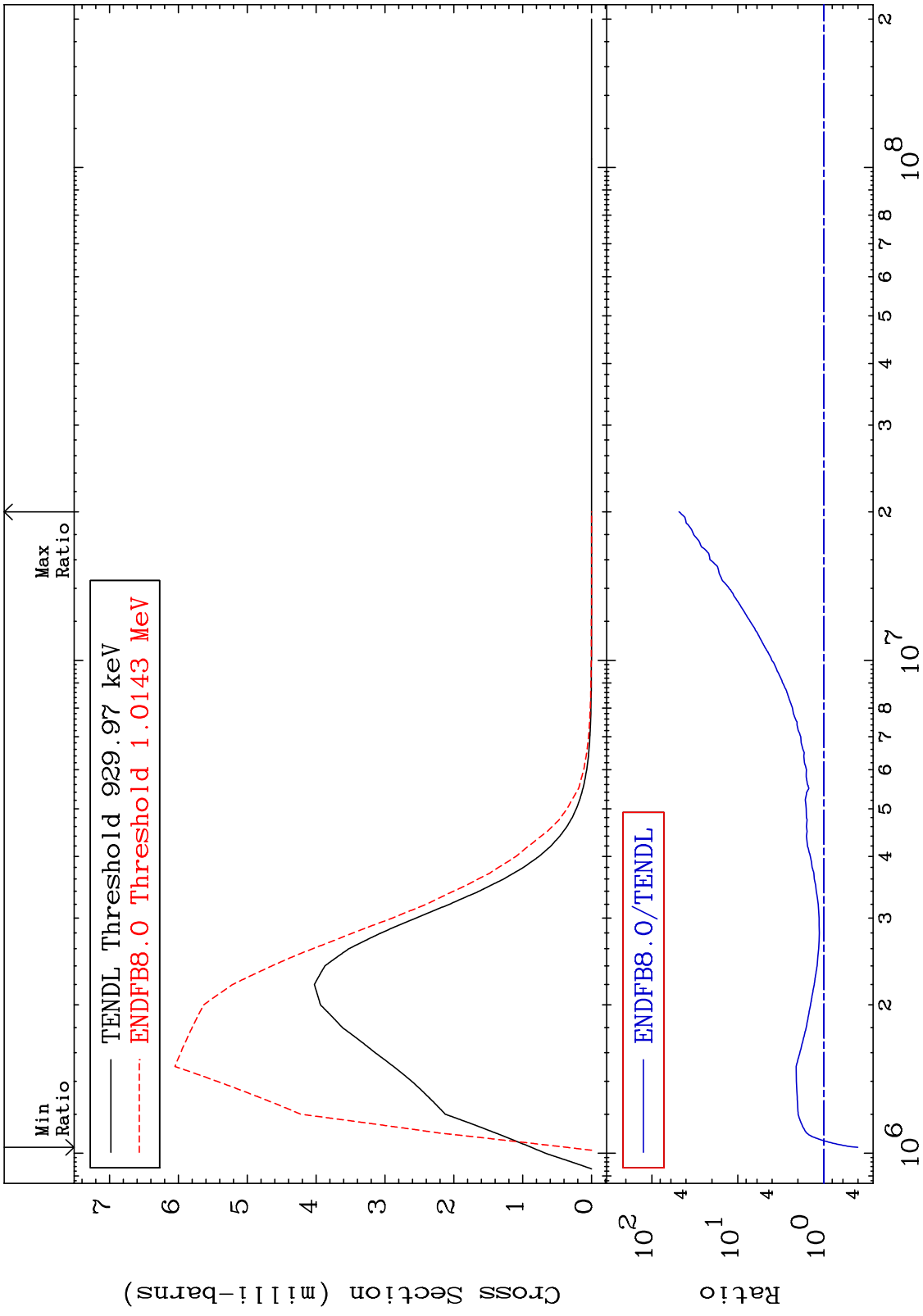


MAT 4325 MT= 66 (n,n') Level Cross Section 43-Tc-99 -97.89 To 78.49 %

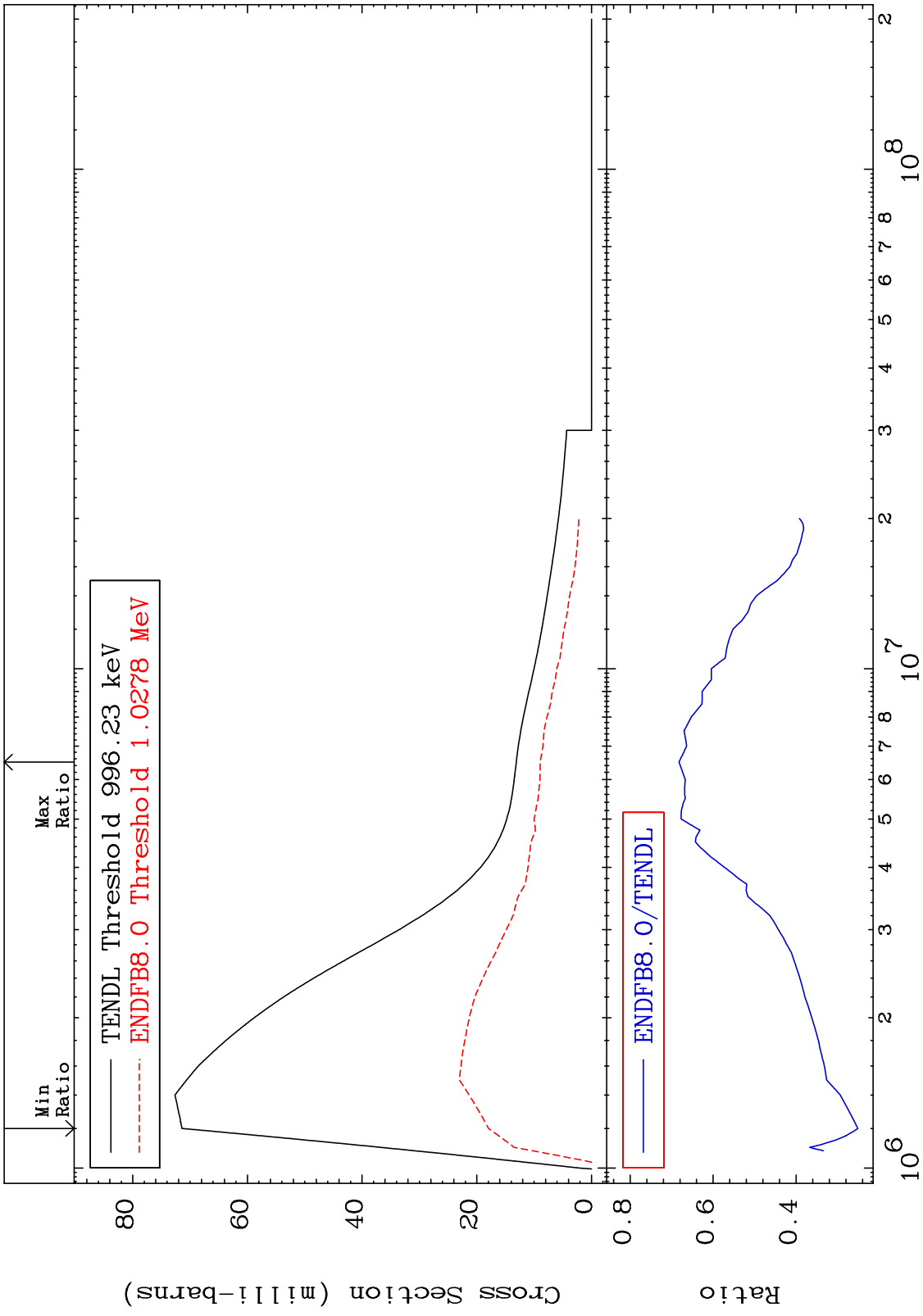


25 Incident Energy (eV) 43-Tc-99

MAT 4325 MT= 67 (n,n') Level Cross Section -59.71 To 4727. % 43-Tc-99

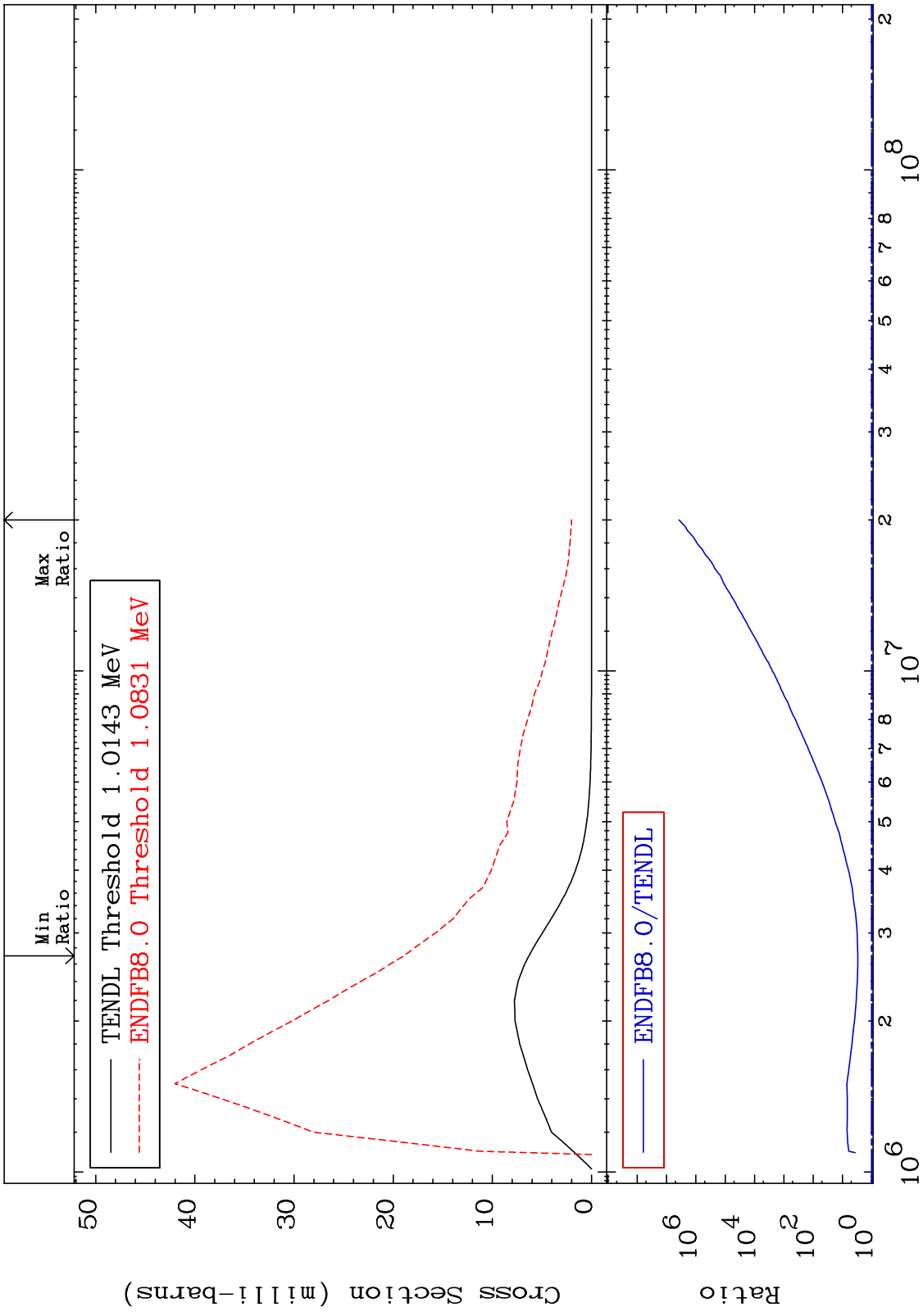


MAT 4325 MT= 68 (n,n') Level Cross Section 43-Tc-99
 -74.86 To -31.78%



27 Incident Energy (eV) 43-Tc-99

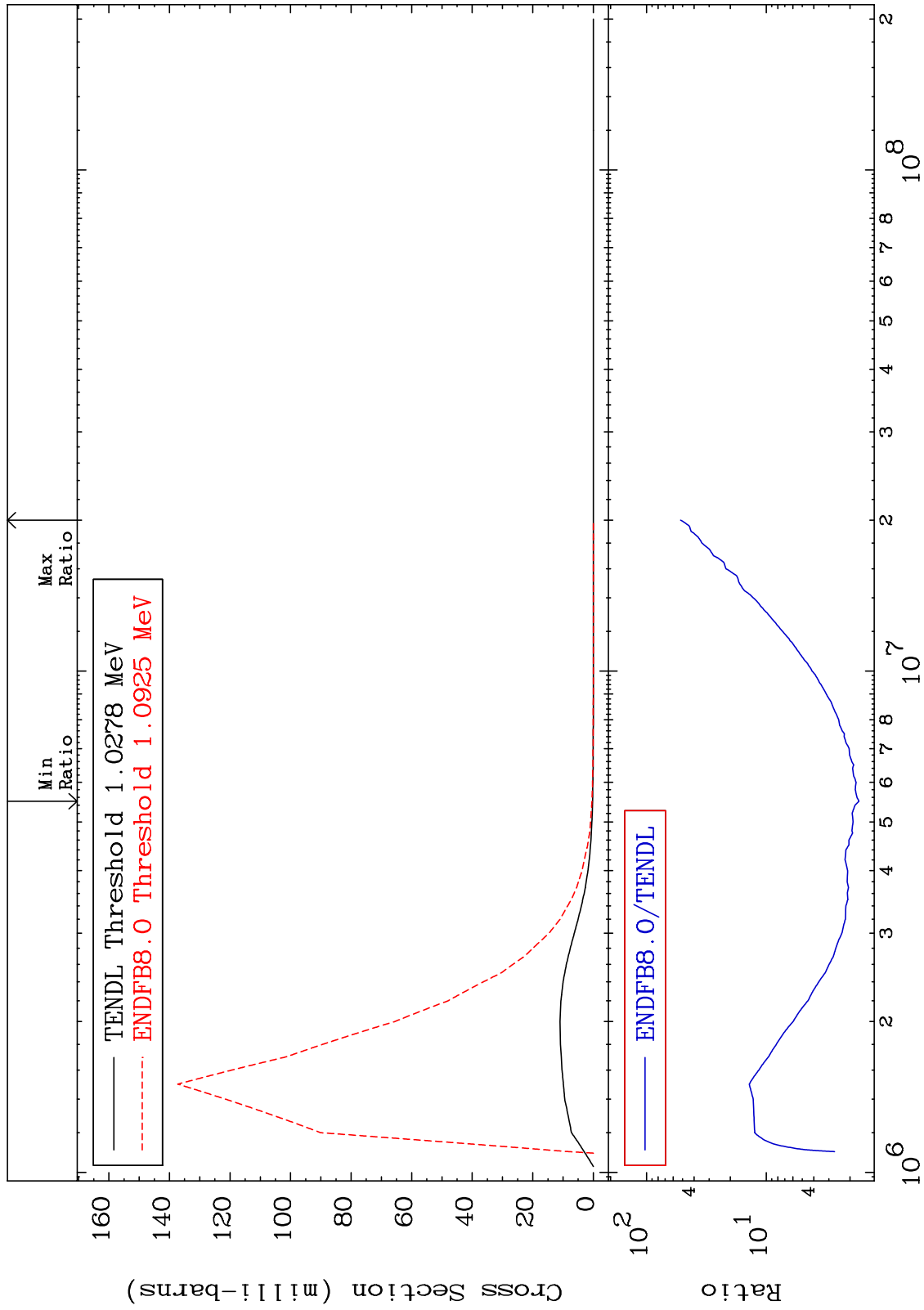
MAT 4325 MT= 69 (n,n') Level Cross Section 43-Tc-99
 200.0 To 9999. %



MAT 4325

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

67.93 To 5089. %
43-Tc-99

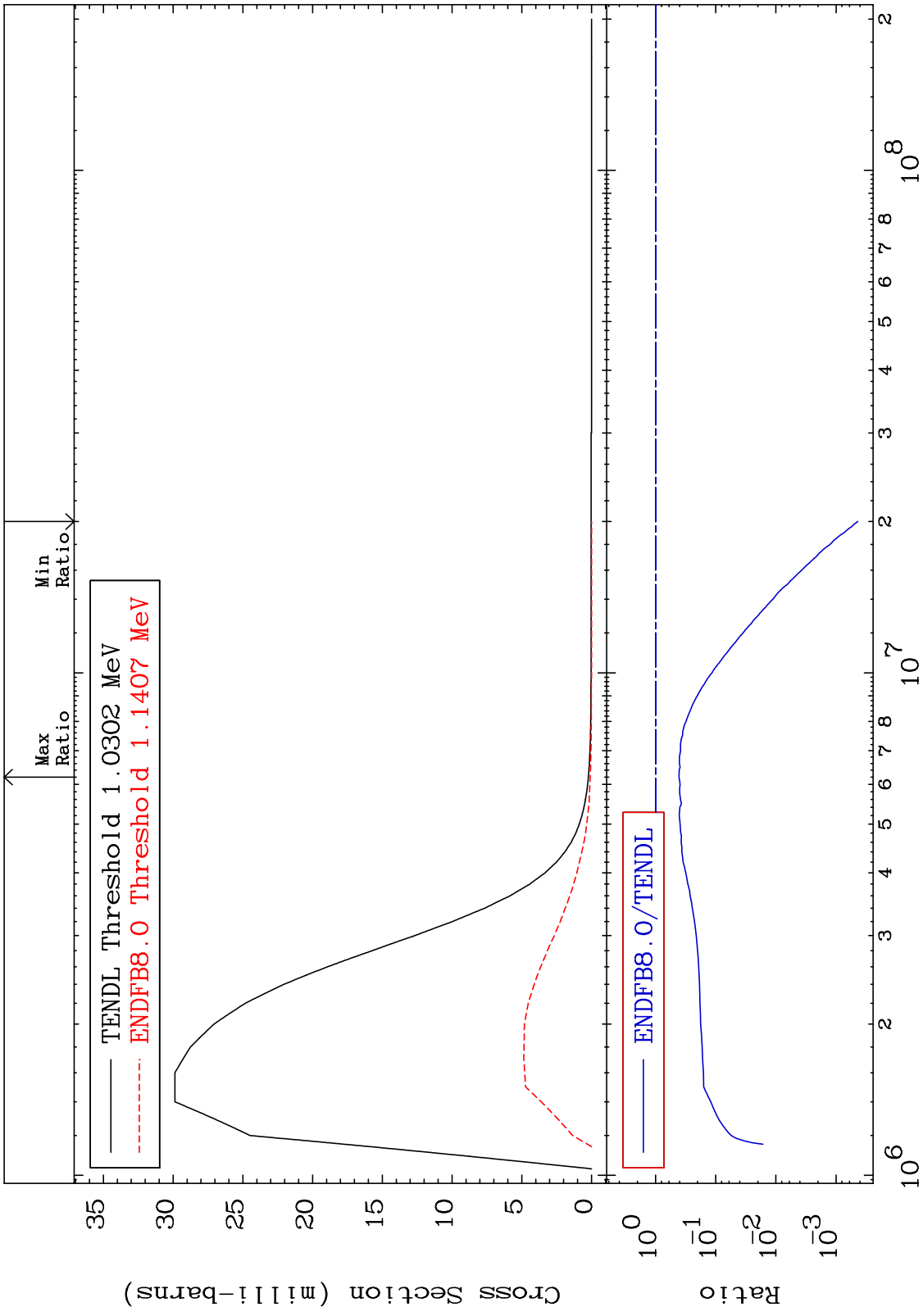


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Incident Energy (eV)

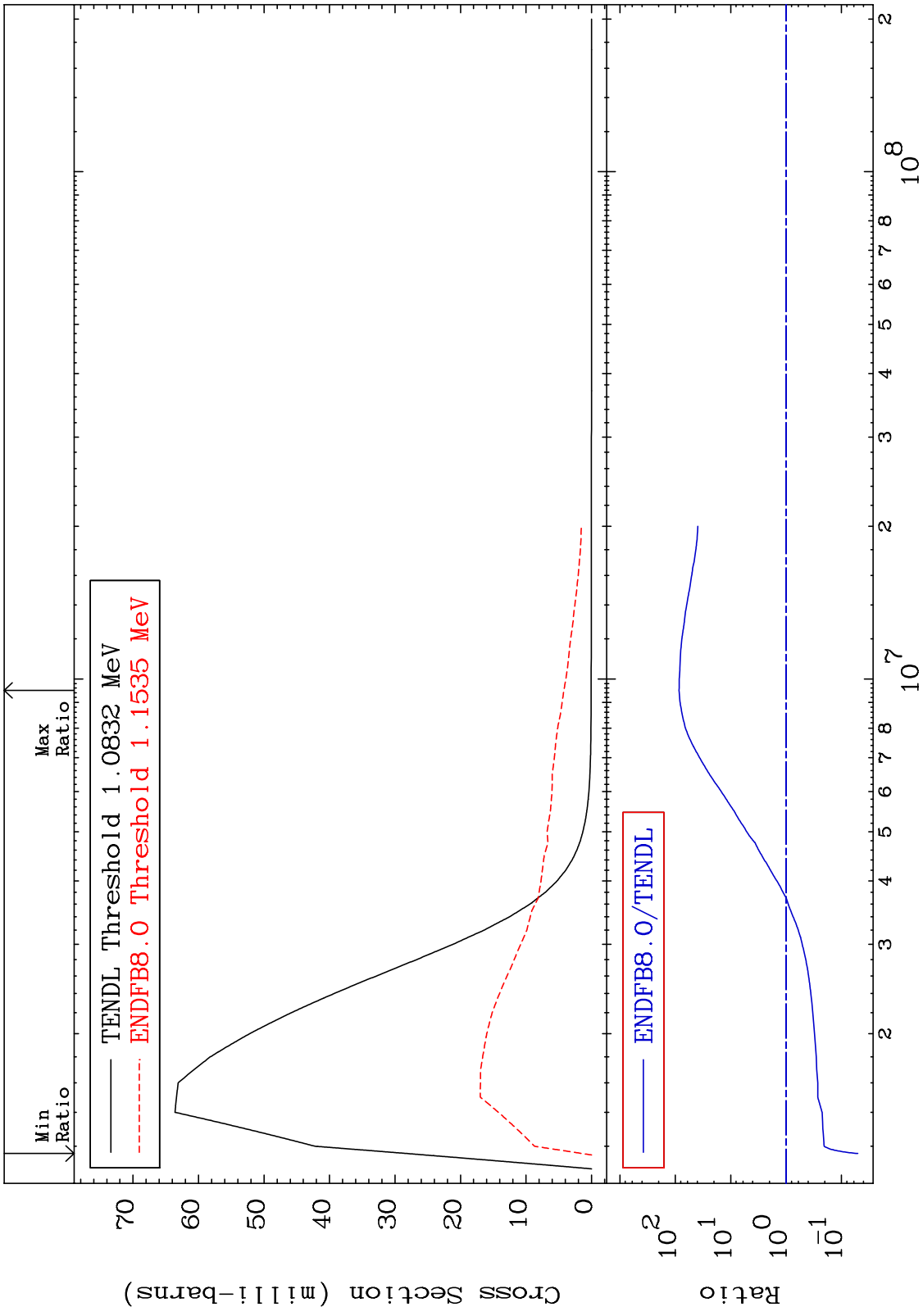
43-Tc-99

MAT 4325 MT= 71 (n,n') Level Cross Section 43-Tc-99
 -99.96 To -59.25%

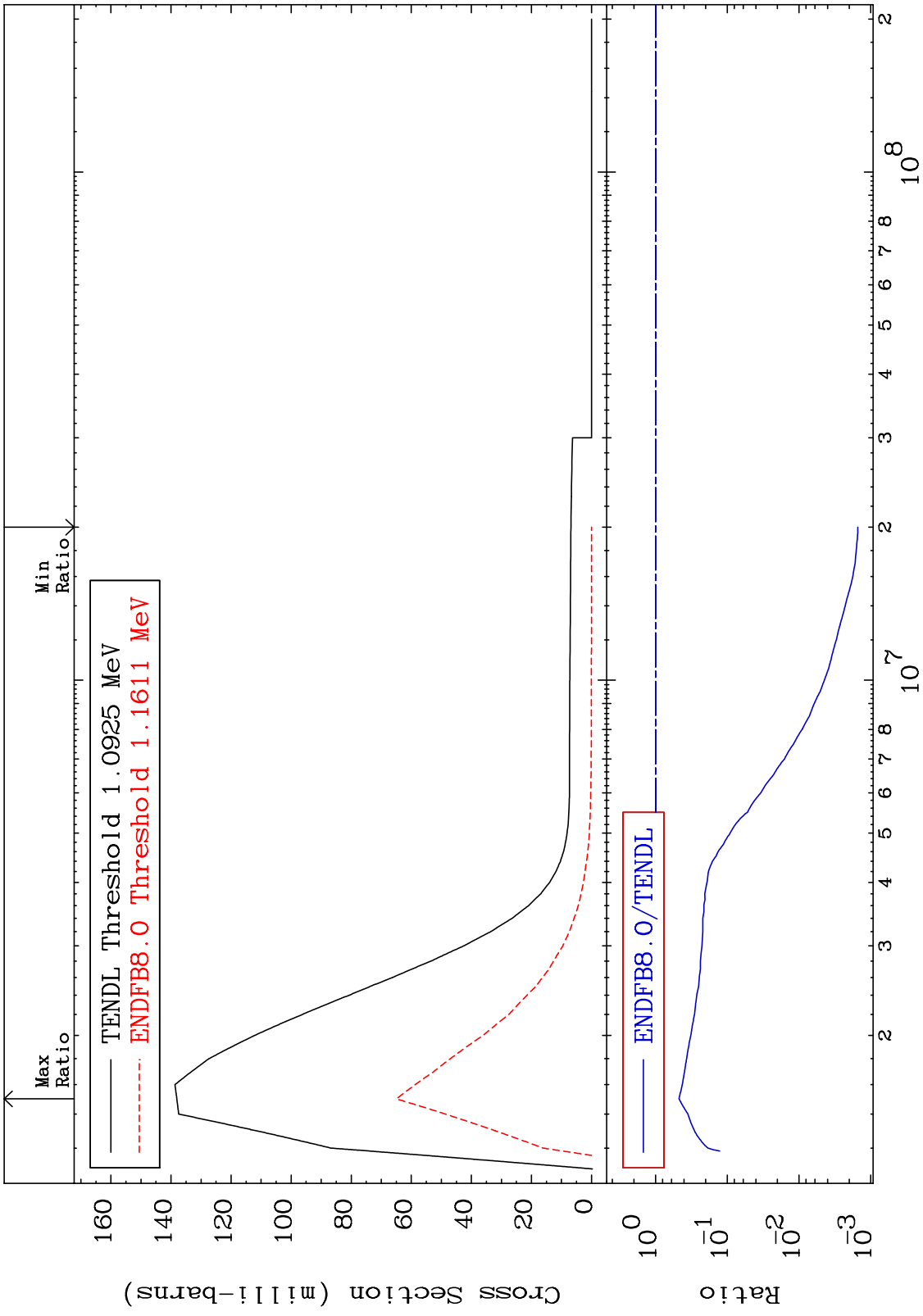


30 Incident Energy (eV) 43-Tc-99

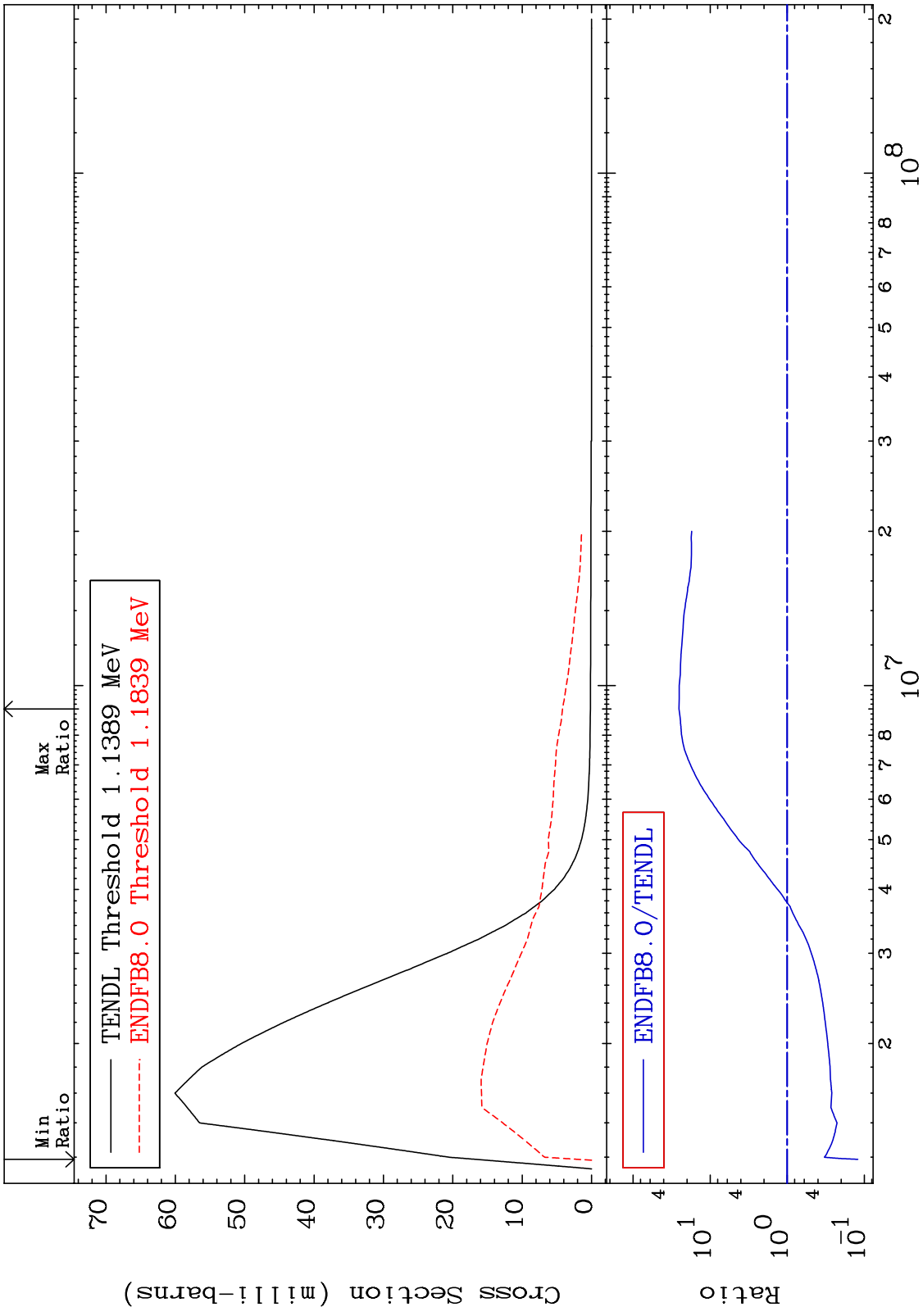
MAT 4325 MT= 72 (n,n') Level Cross Section 43-Tc-99
 -94.93 To 8454. %



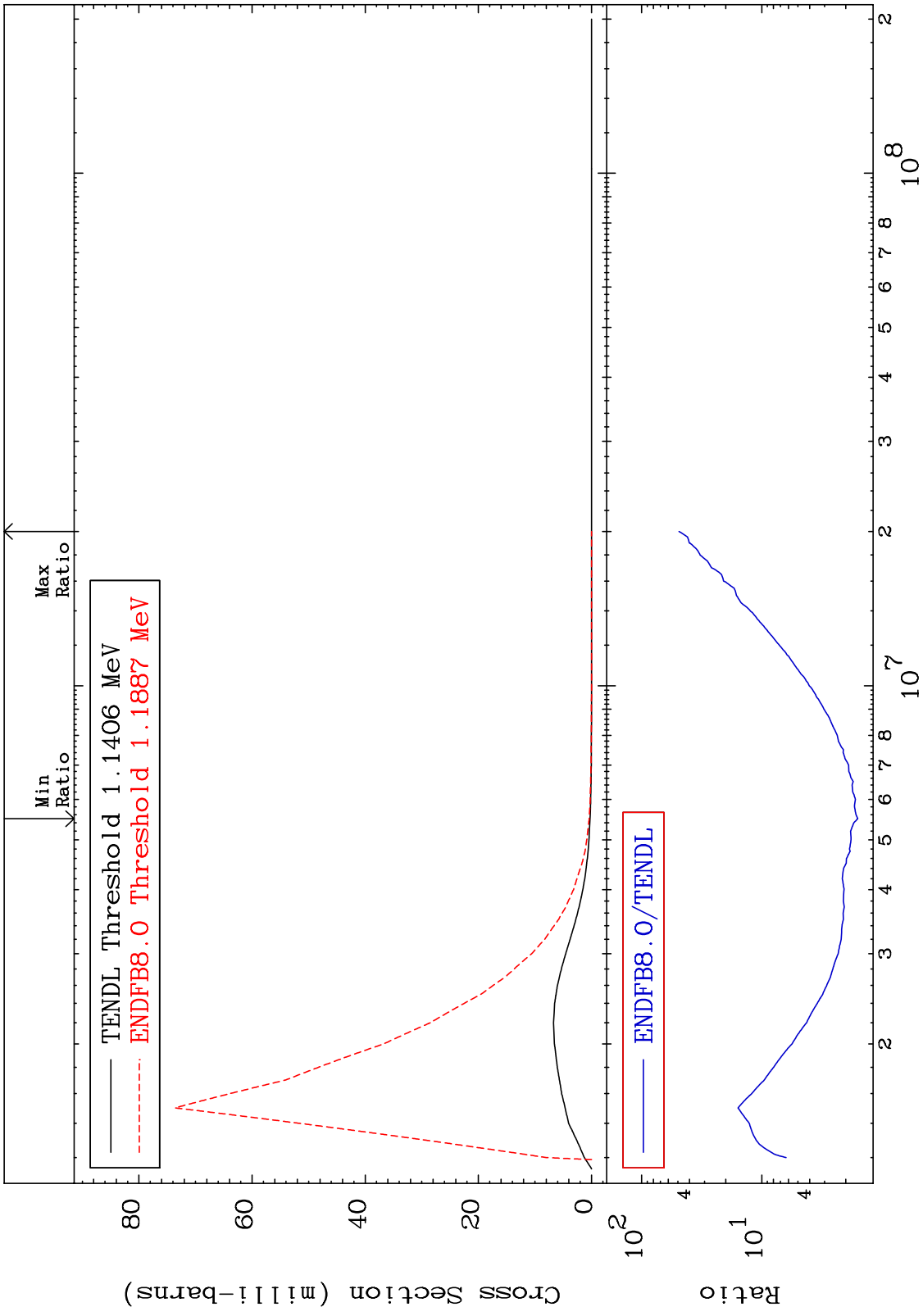
MAT 4325 MT= 73 (n,n') Level Cross Section 43-Tc-99
 -99.85 To -52.96%



MAT 4325 MT= 74 (n,n') Level Cross Section 43-Tc-99
 -87.87 To 2435. %



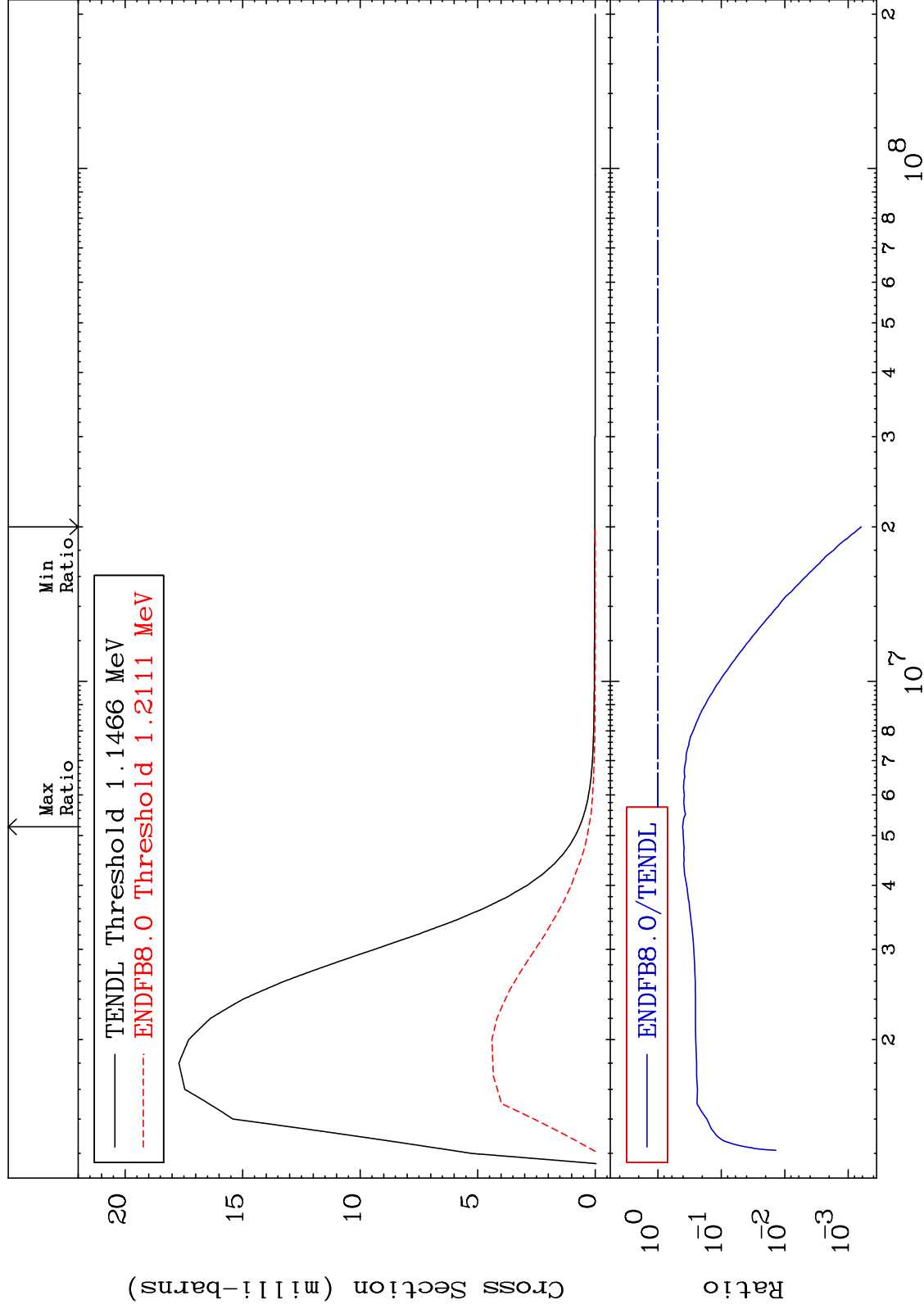
MAT 4325 MT= 75 (n,n') Level Cross Section 43-Tc-99 58.81 To 4787. %



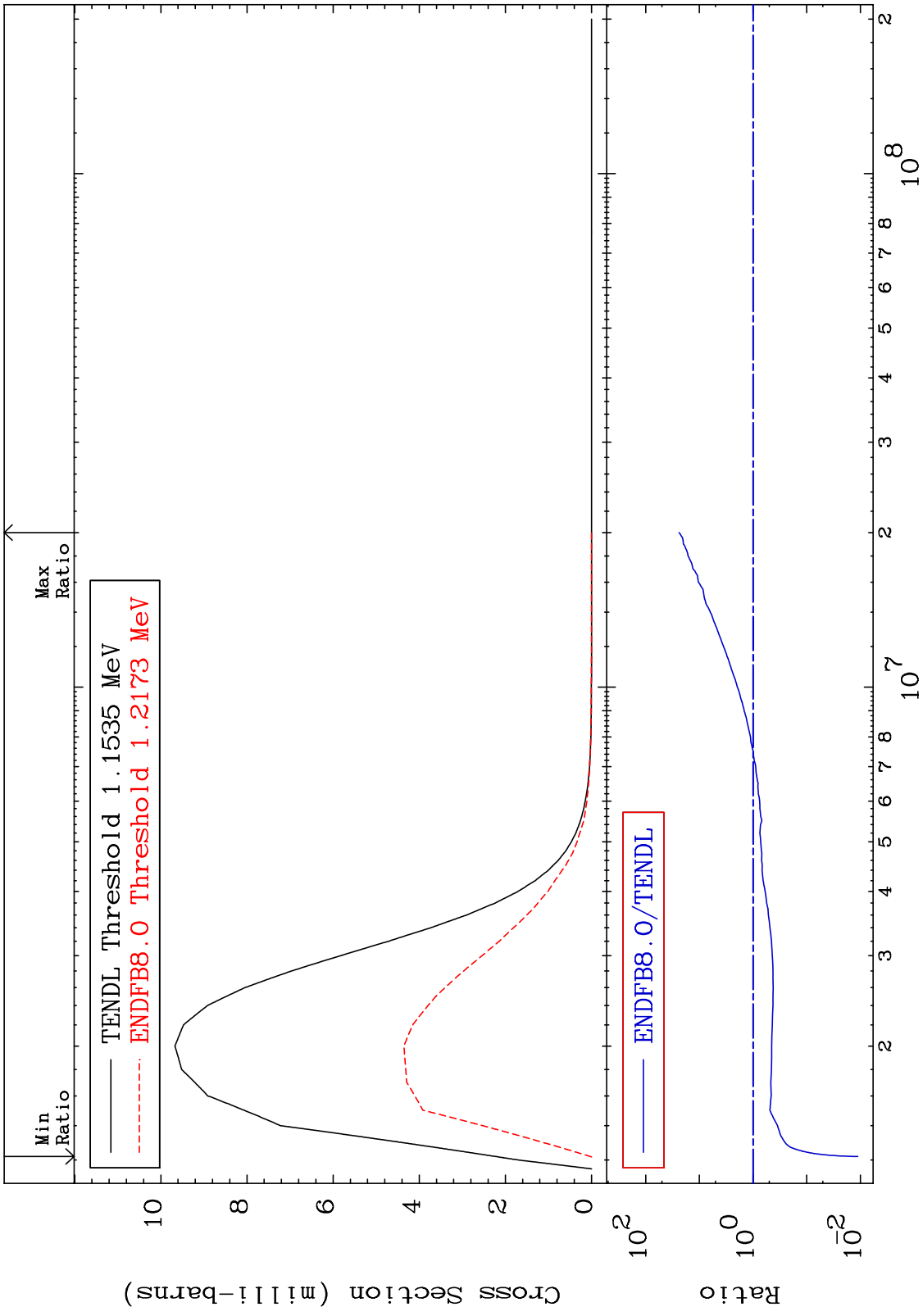
MAT 4325

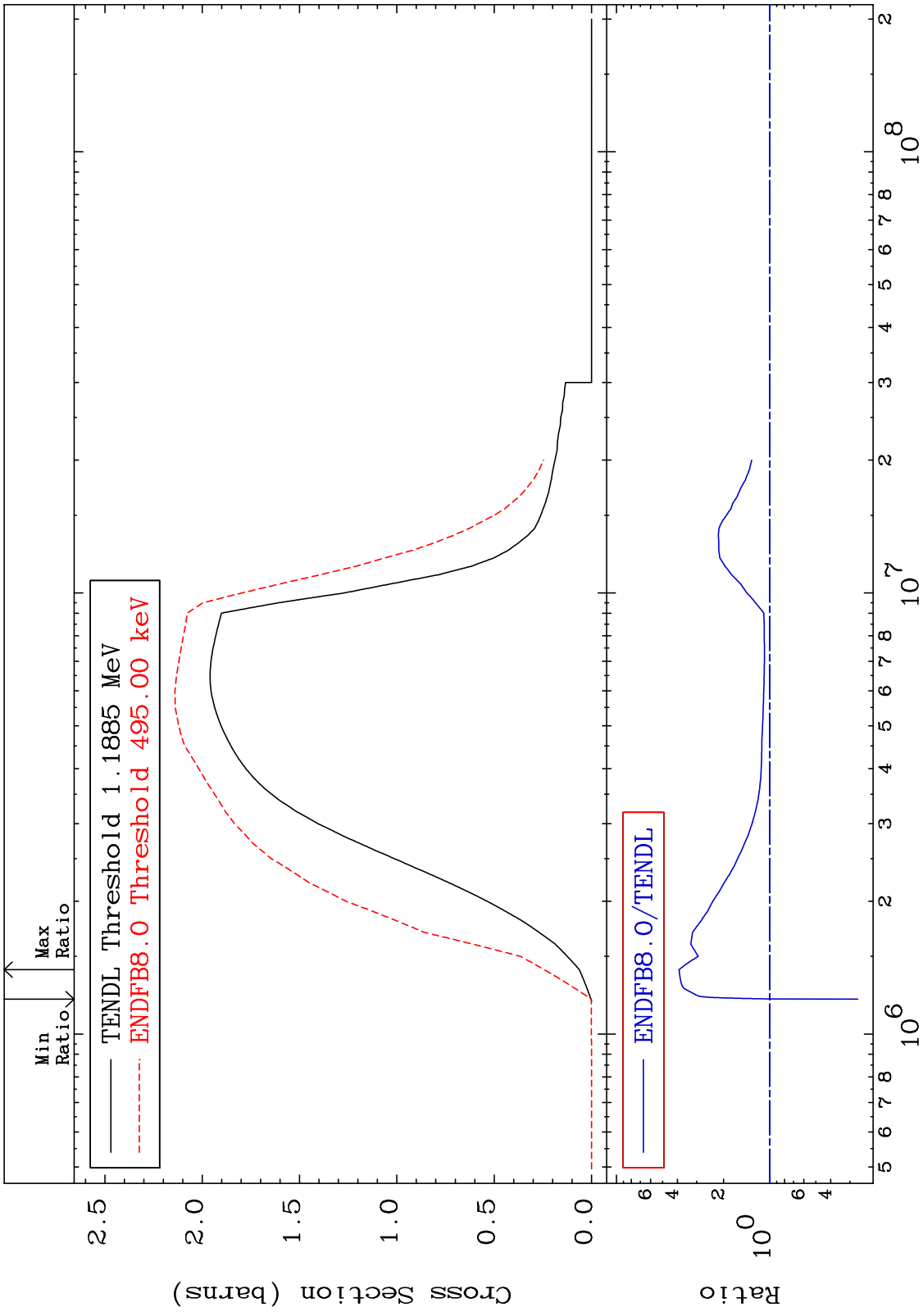
MT= 76 (n,n') Level
Cross Section

43-Tc-99
-99.94 To -59.31%



MAT 4325 MT= 77 (n,n') Level Cross Section 43-Tc-99
 -98.89 To 2297. %





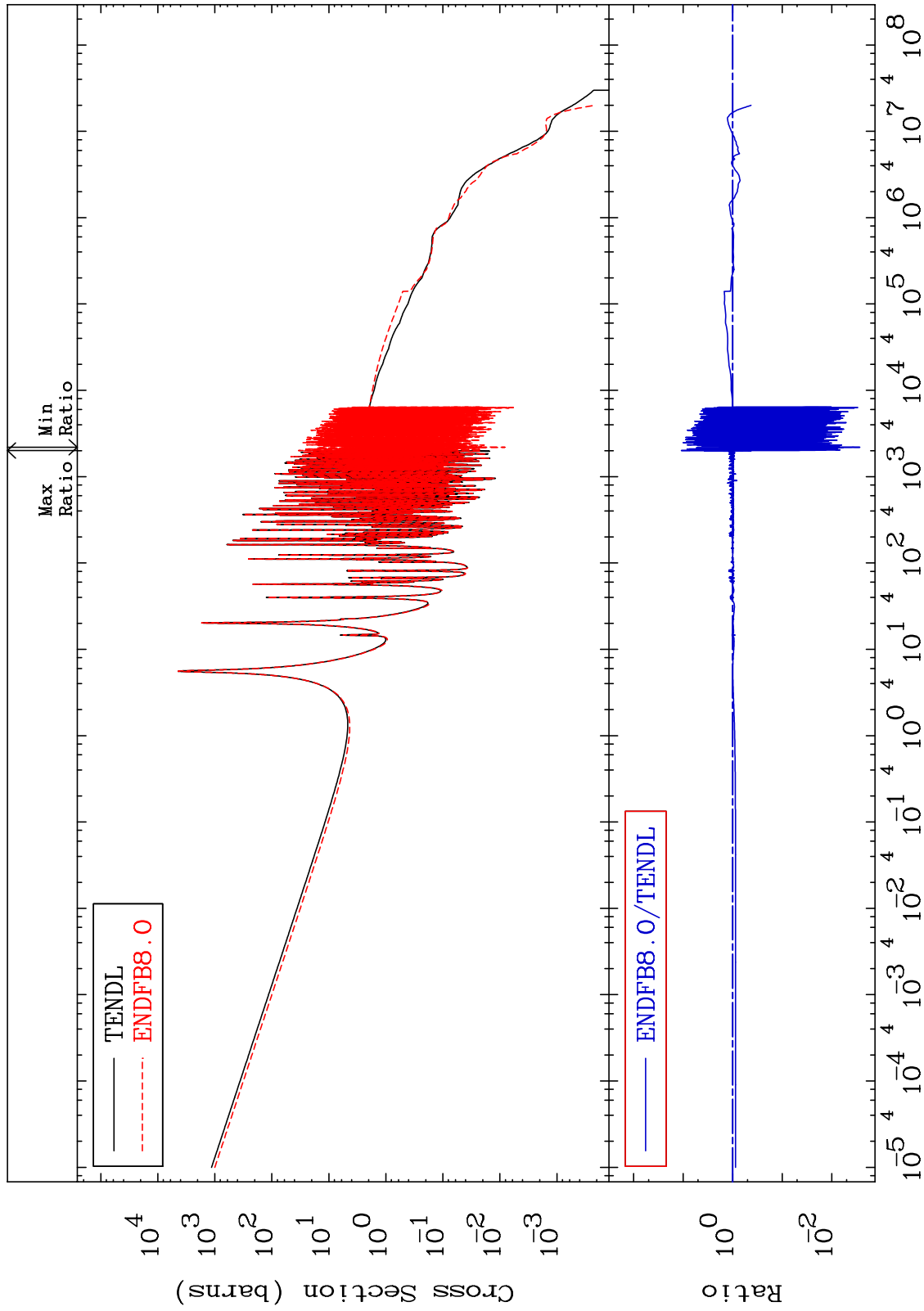
MAT 4325

(n, γ)

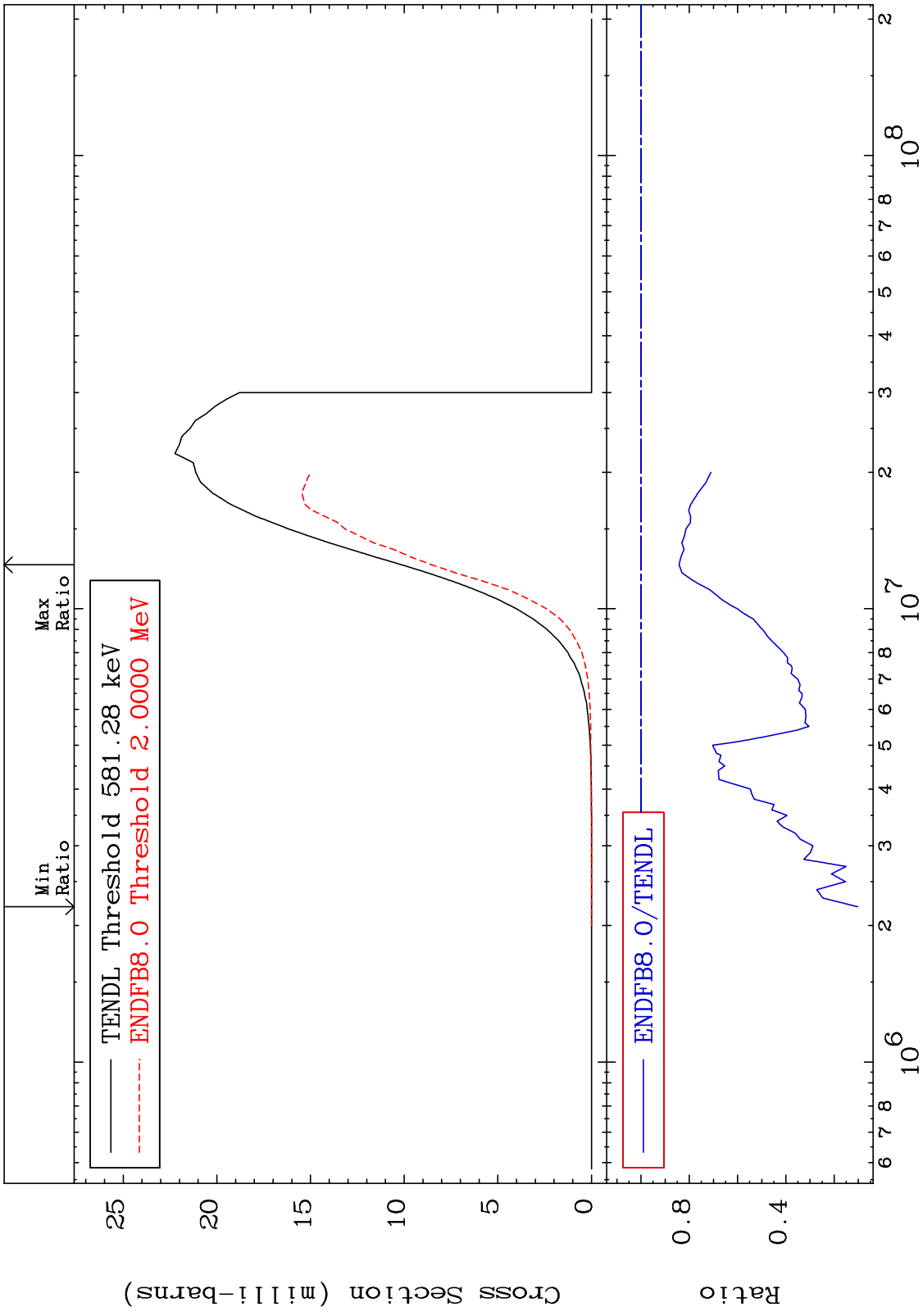
43-Tc-99

Cross Section

-99.73 To 994.0 %



MAT 4325 (n,p) Cross Section 43-Tc-99 -89.81 To -15.76%



39 43-Tc-99 Incident Energy (eV)

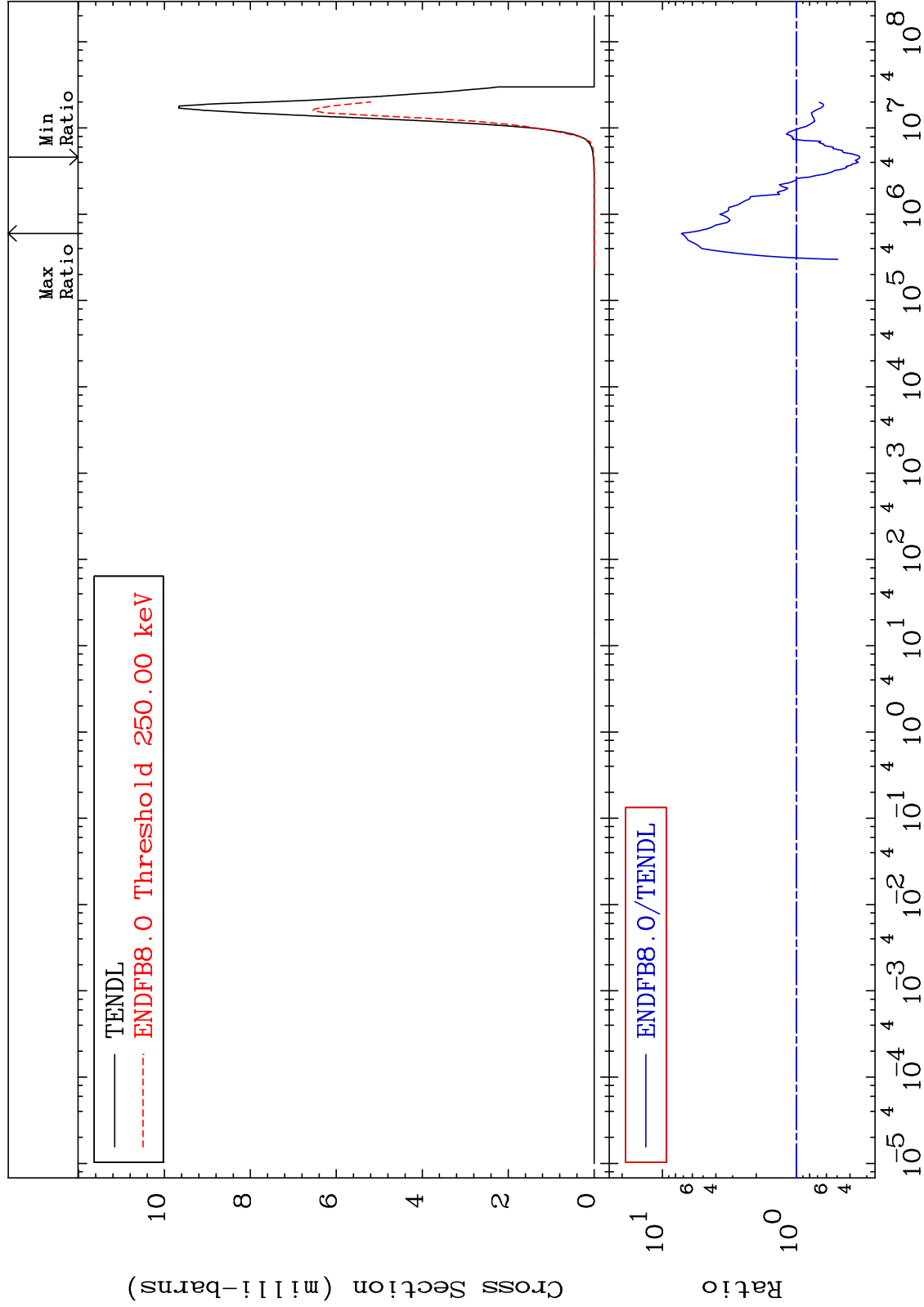
MAT 4325

(n, α)

43-Tc-99

Cross Section

-66.22 To 622.3 %



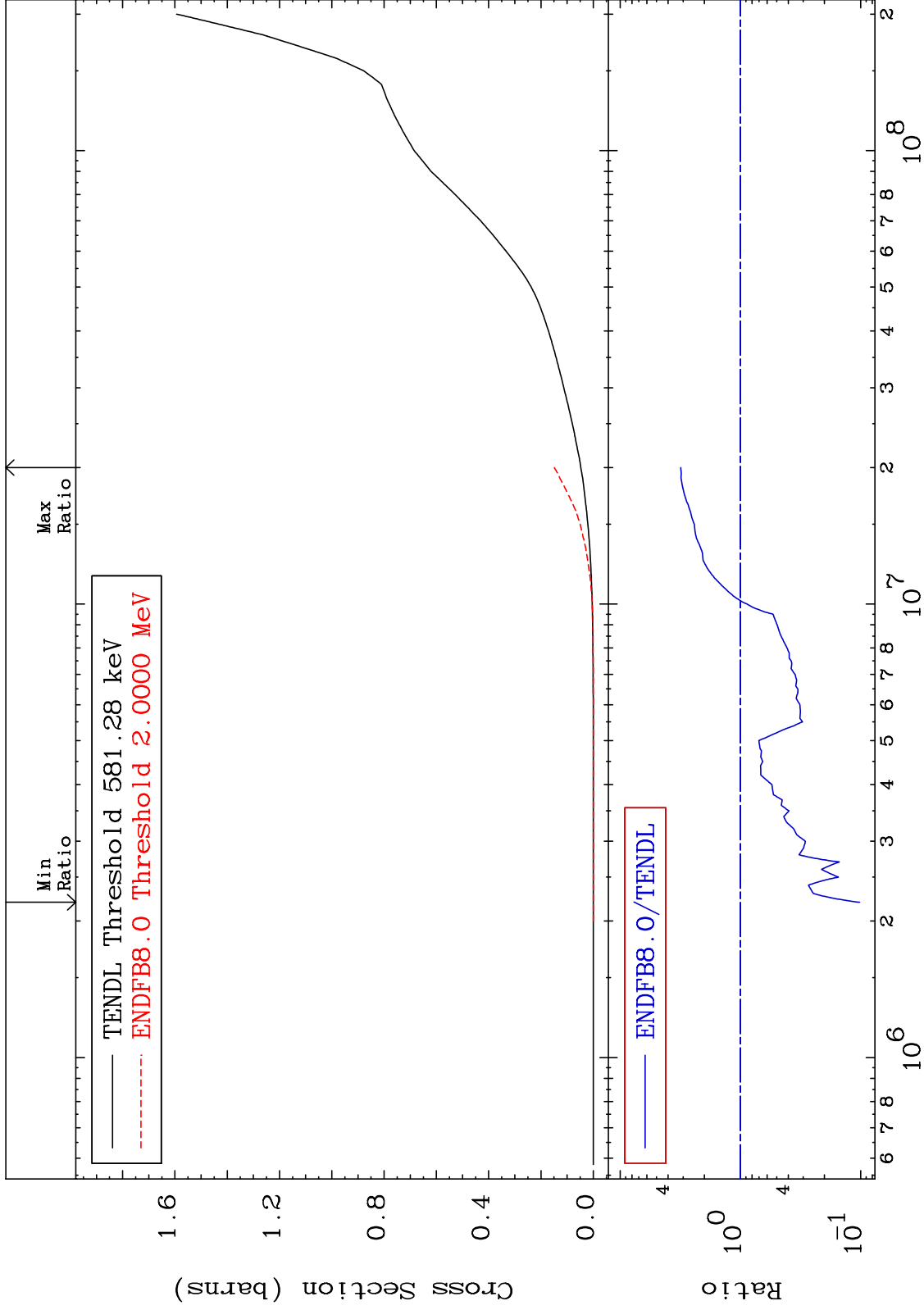
40

43-Tc-99

MAT 4325

Hydrogen Production
Cross Section

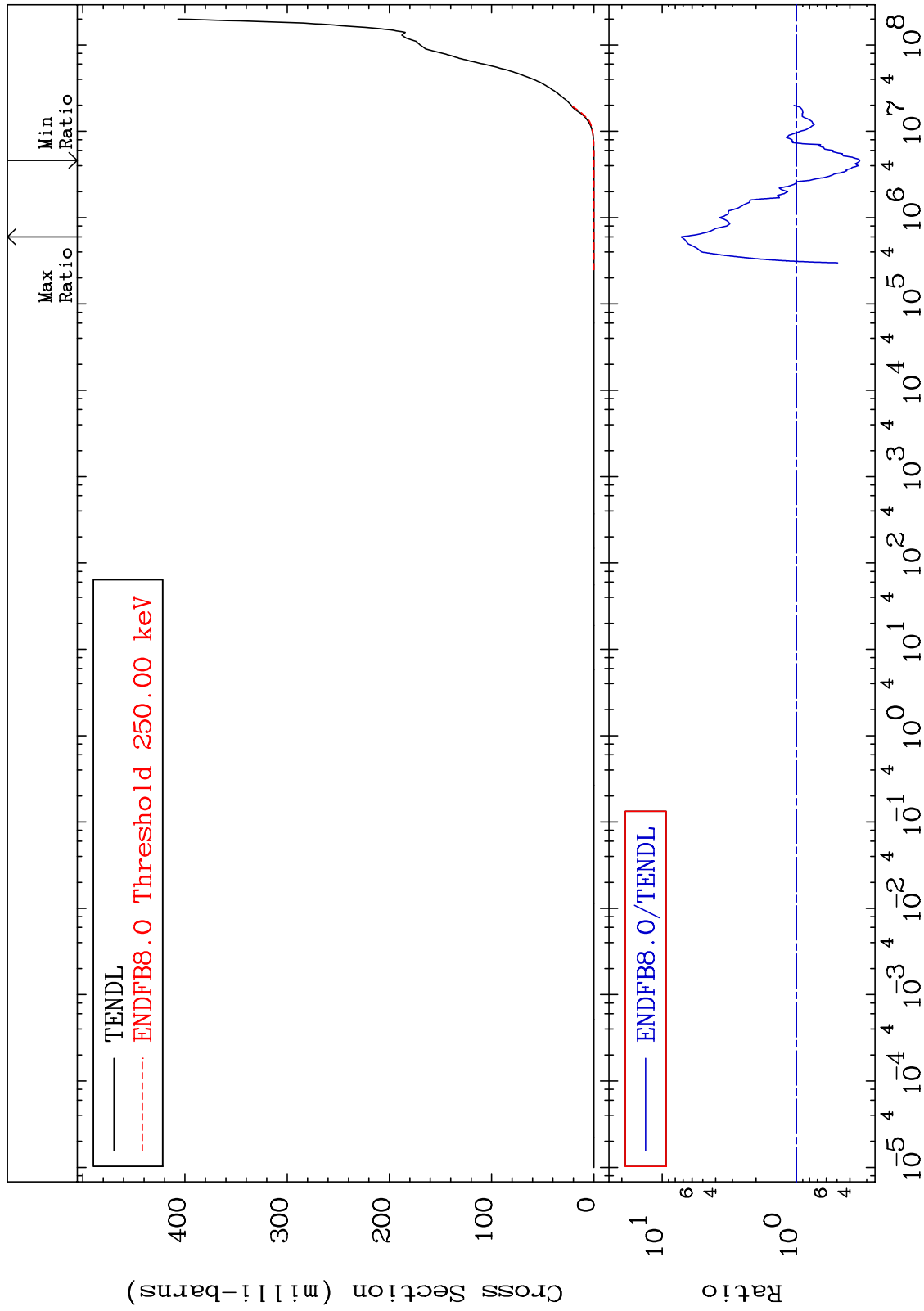
$^{43}\text{Tc-99}$
-89.81 To 213.4 %



MAT 4325

He-4 Production
Cross Section

43-Tc-99
-66.22 To 622.3 %

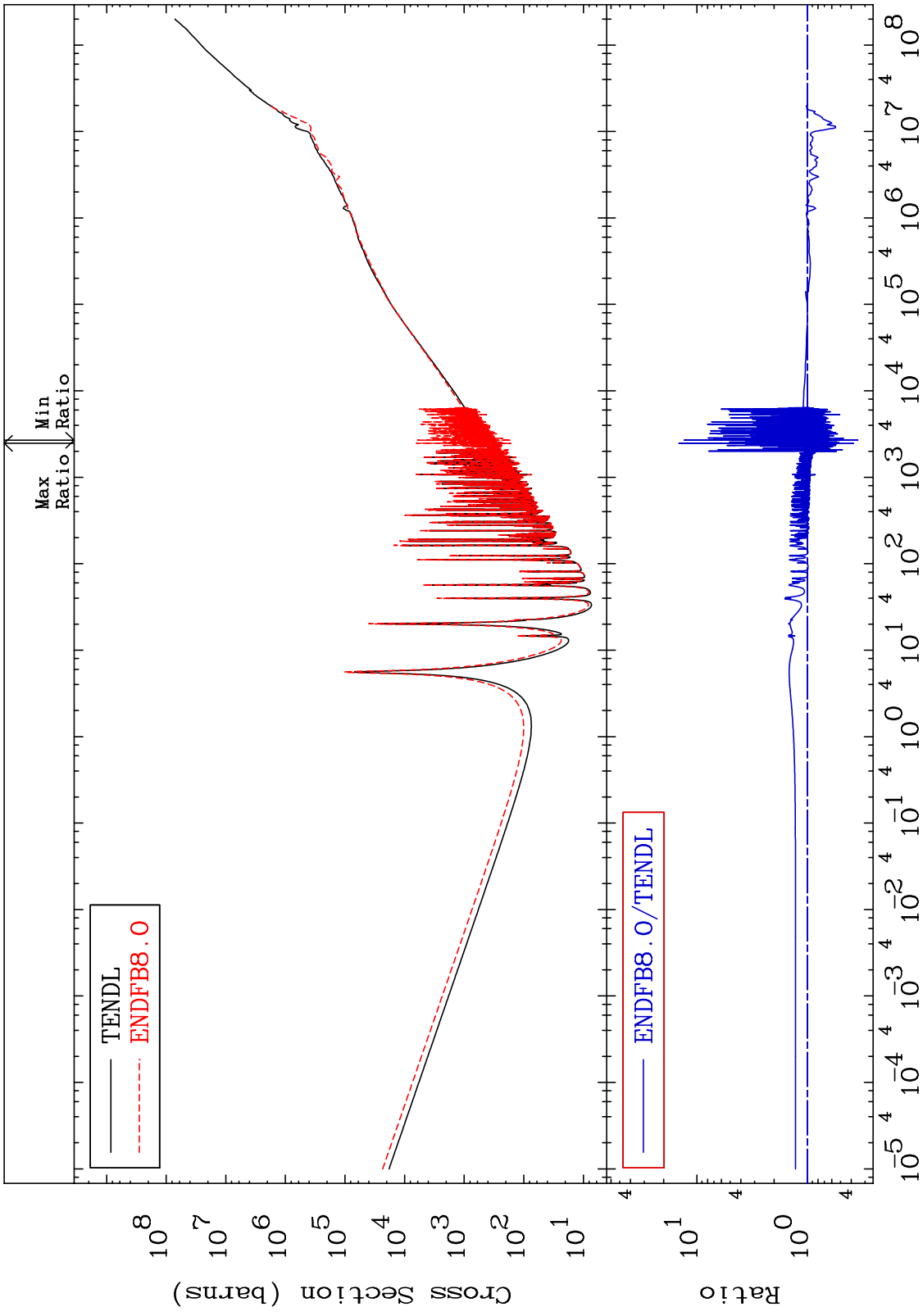


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Incident Energy (eV)

43-Tc-99

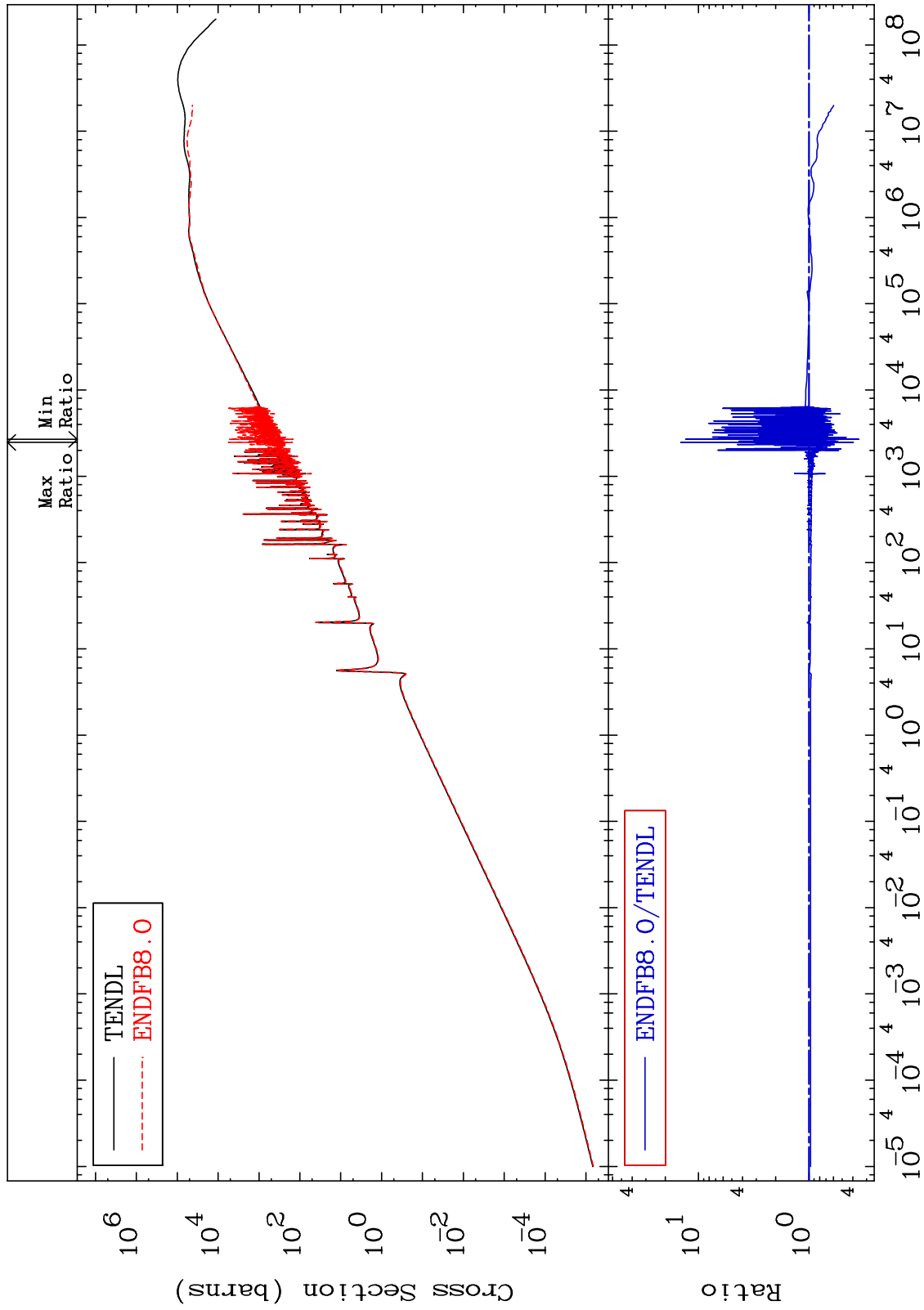
MAT 4325 Kerma total (eV-barns) 43-Tc-99
Cross Section -65.13 To 1352. %



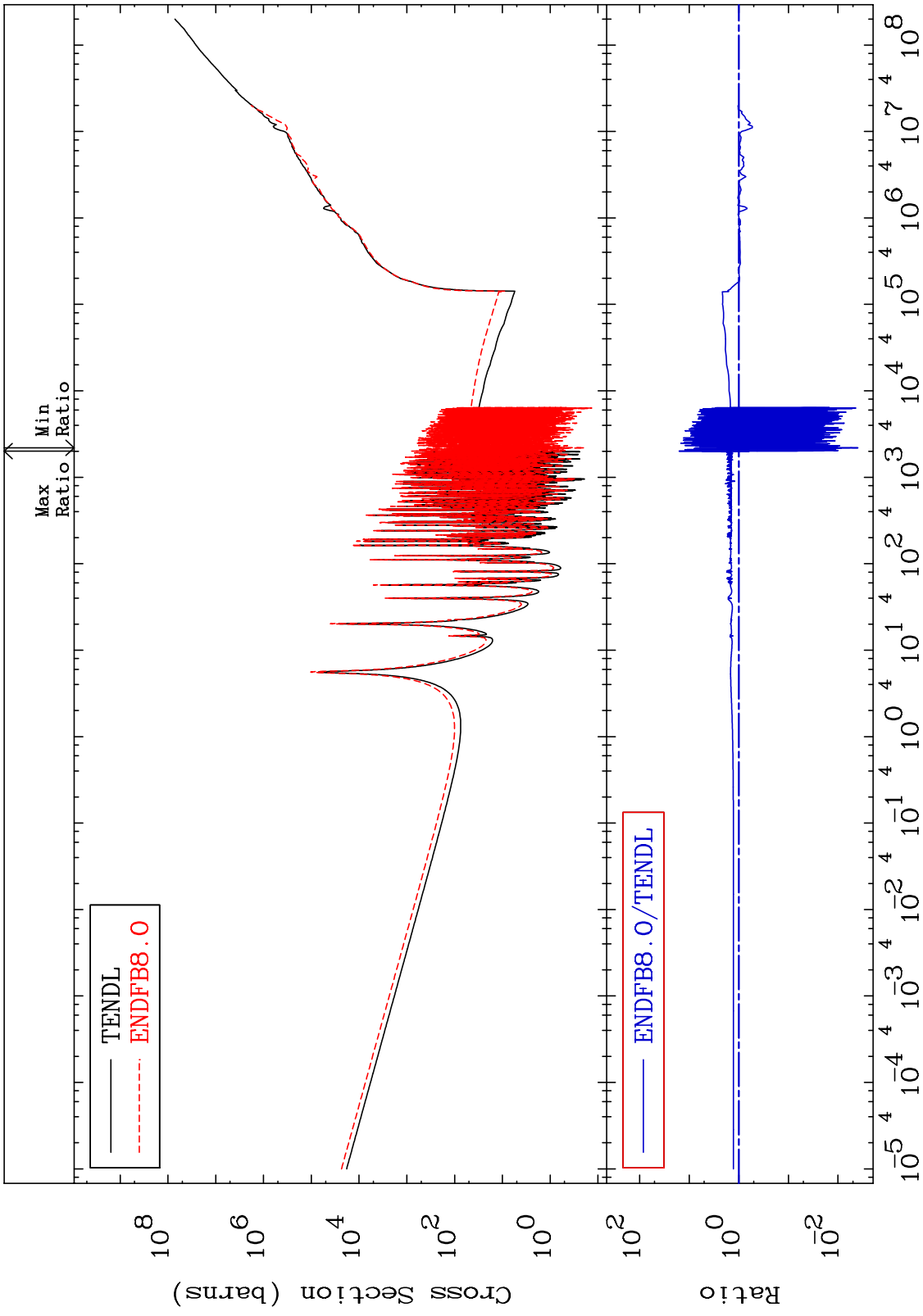
MAT 4325

Kerma elastic
Cross Section

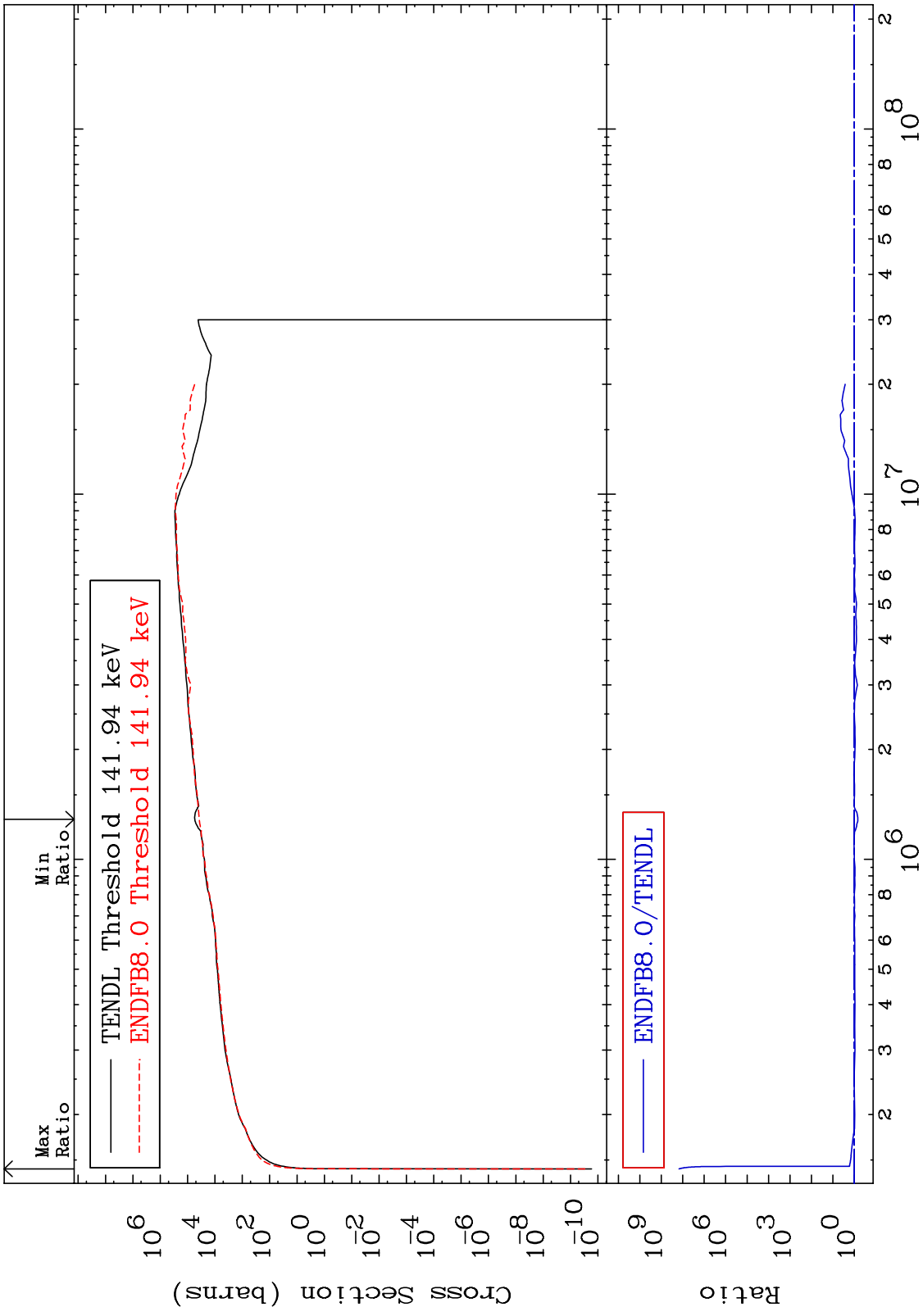
43-Tc-99
-64.80 To 1353. %



MAT 4325 Kerma non-elastic (all but mt2) 43-Tc-99
 Cross Section -99.60 To 1500. %



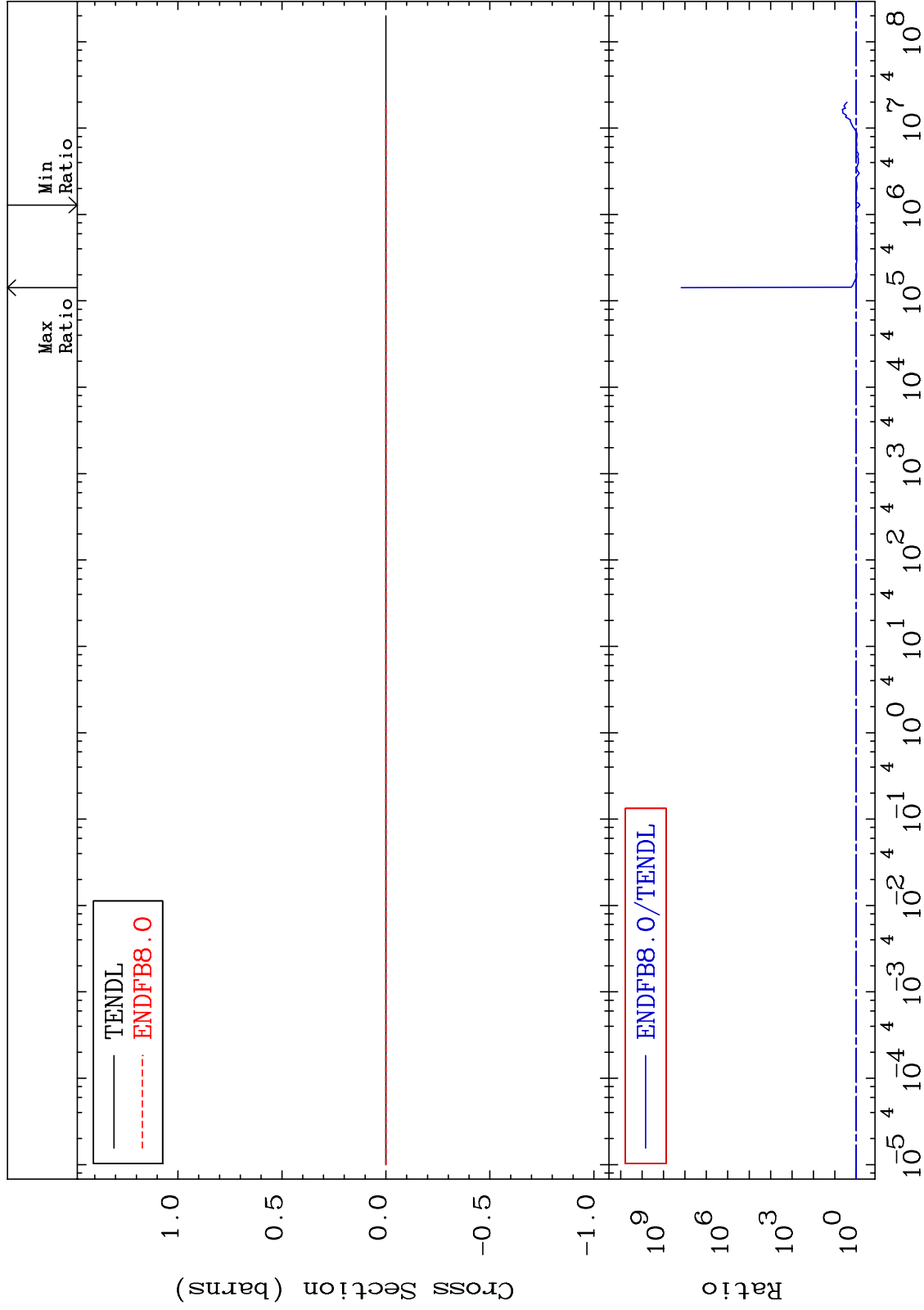
MAT 4325 Kerma inelastic (mt51-91) 43-Tc-99
 Cross Section -31.84 To 9999. %



MAT 4325

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

43-Tc-99
-31.84 To 9999. %

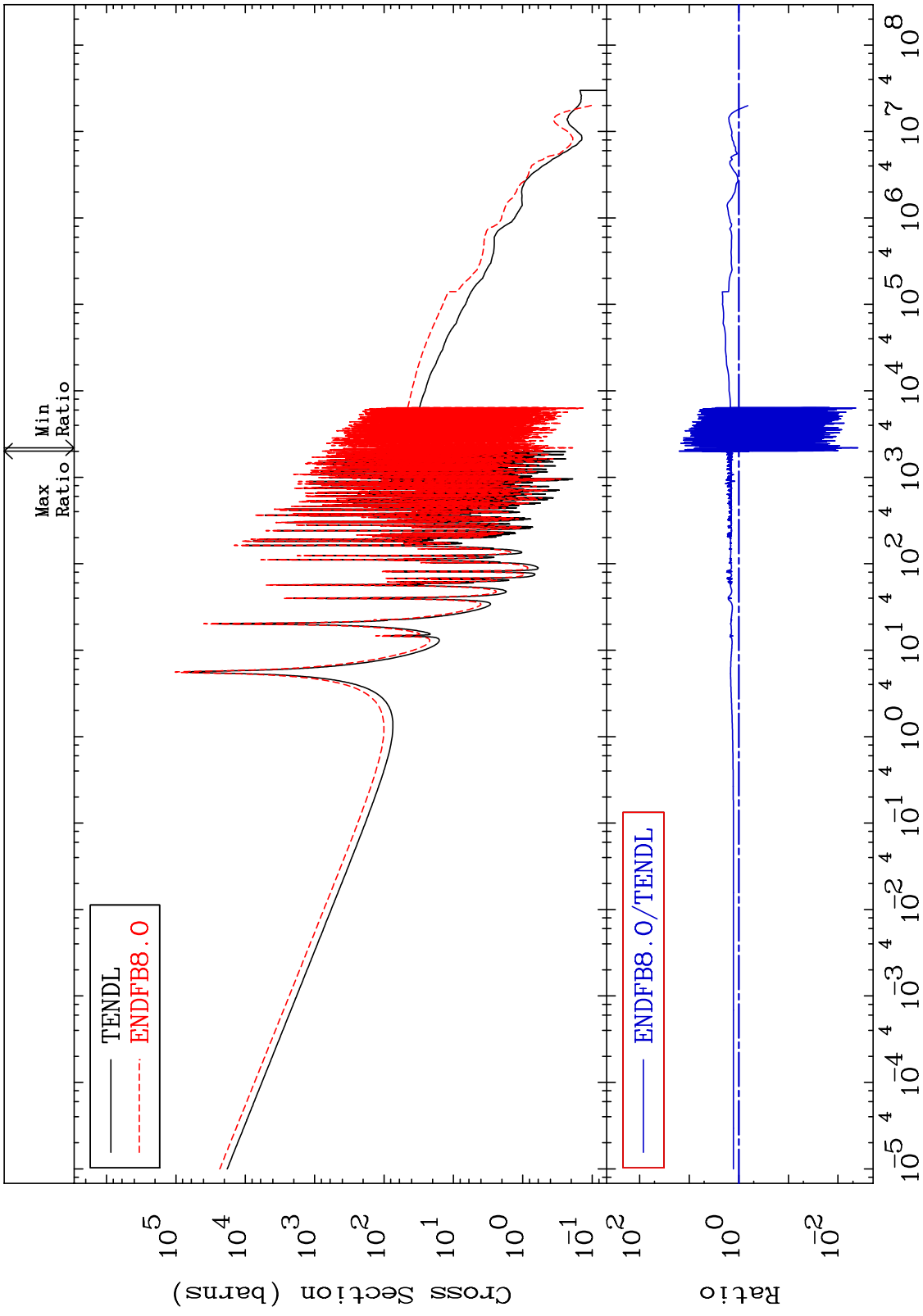


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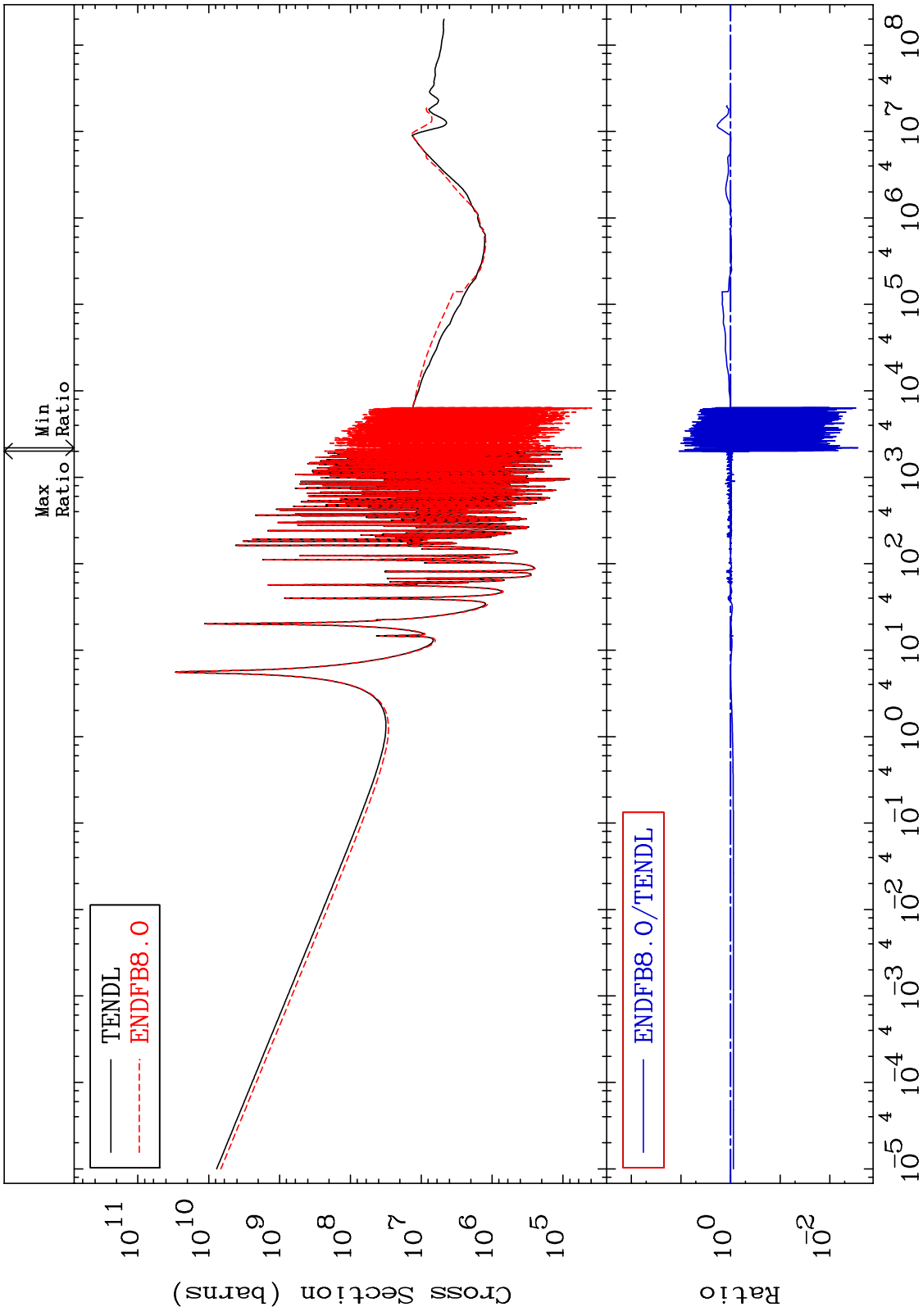
Incident Energy (eV)

43-Tc-99

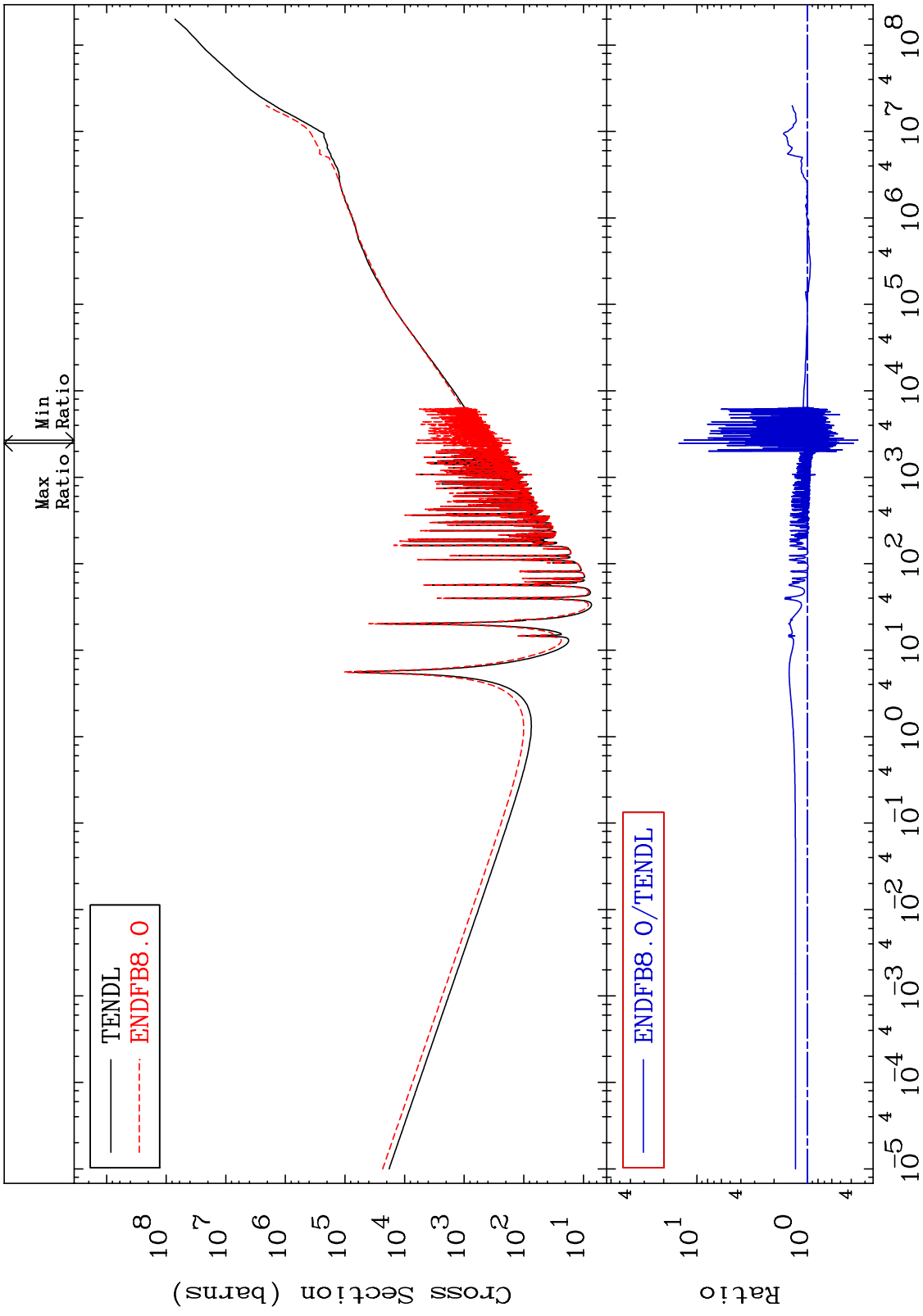
MAT 4325 Kerma capture (mt102) 43-Tc-99
 Cross Section -99.60 To 1500. %



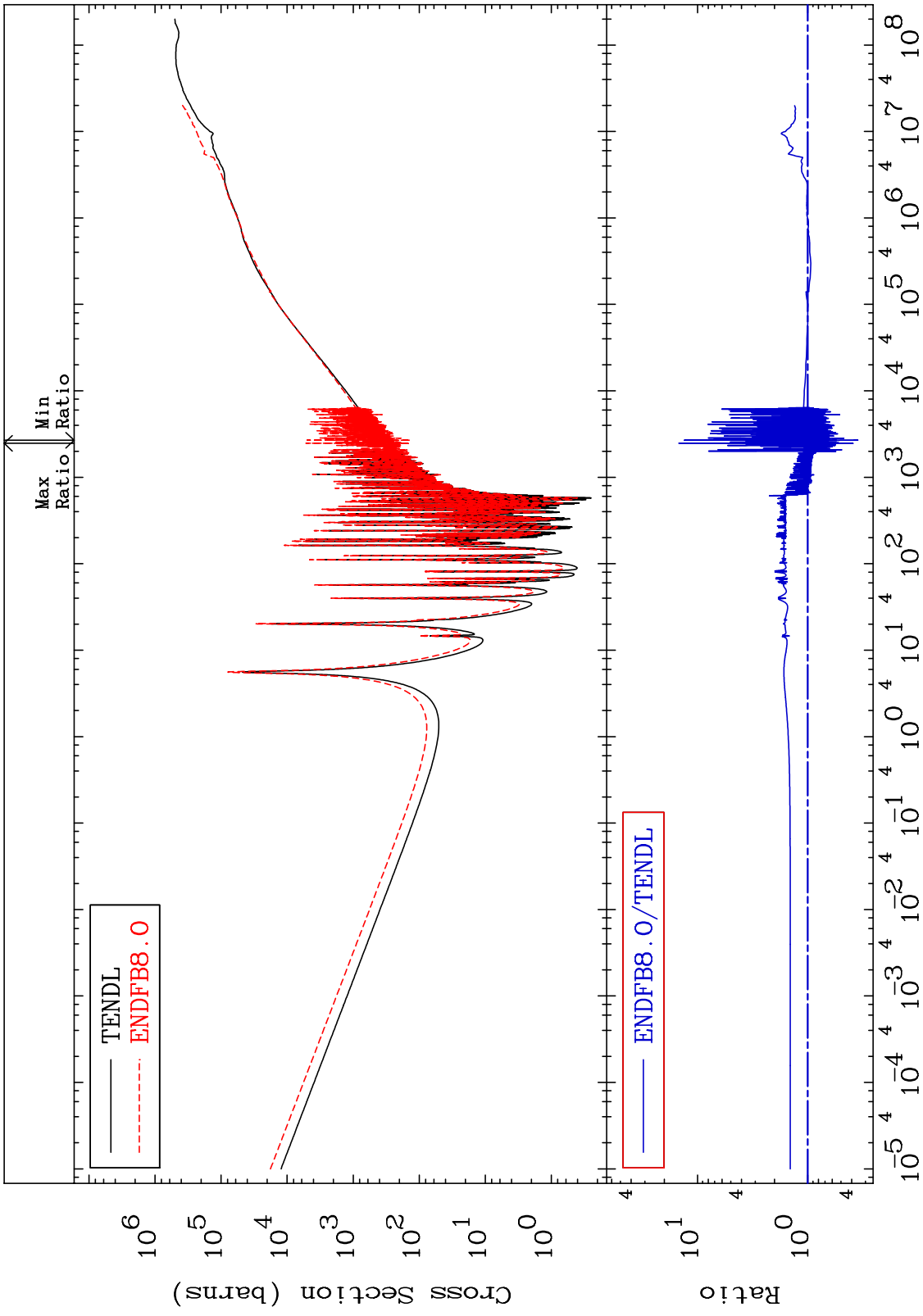
MAT 4325 43-Tc-99
 Total photon (eV-barns) -99.73 To 989.6 %
 Cross Section



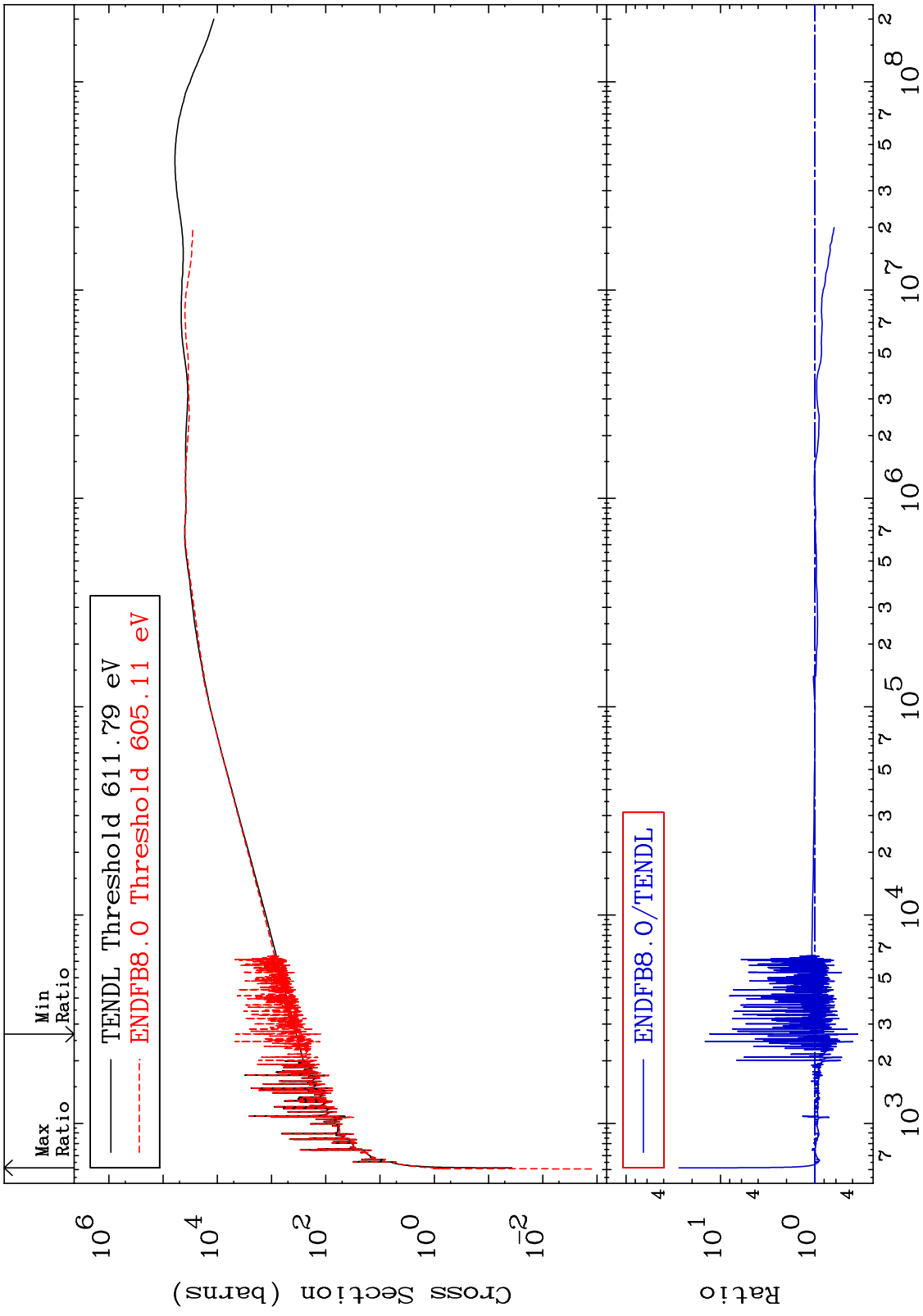
MAT 4325 Total kinematic kerma (high limit) 43-Tc-99
 Cross Section -65.13 To 1352. %

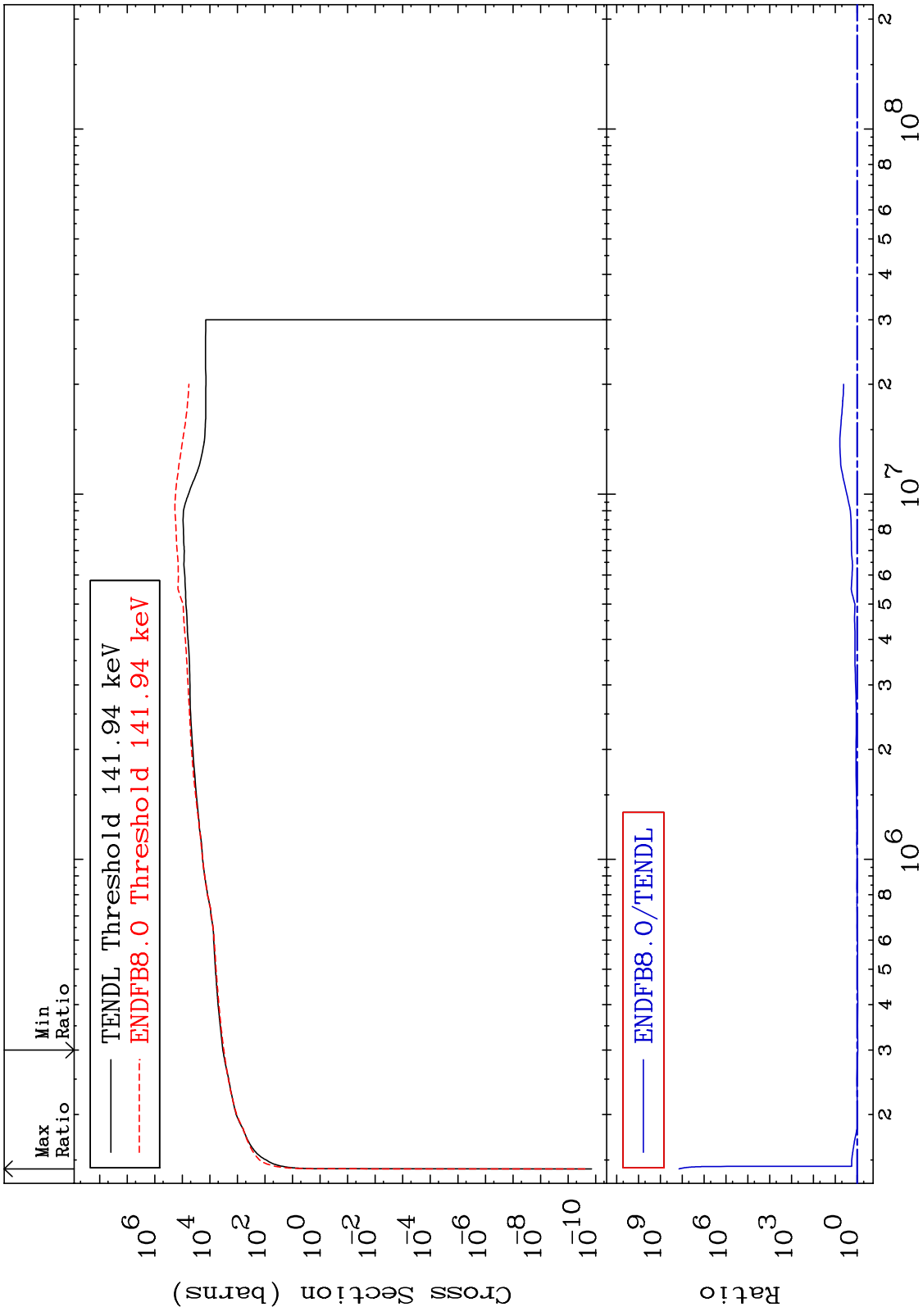


MAT 4325 Dpa total (eV-barns) 43-Tc-99
 Cross Section -64.77 To 1369. %



MAT 4325 Dpa elastic (mt2) 43-Tc-99
 Cross Section -64.85 To 2646. %





MAT 4325

Dpa disappearance (mt102 -120)
Cross Section

43-Tc-99
-99.55 To 1706. %

