

Program Complot
(Version 2018-1)

by

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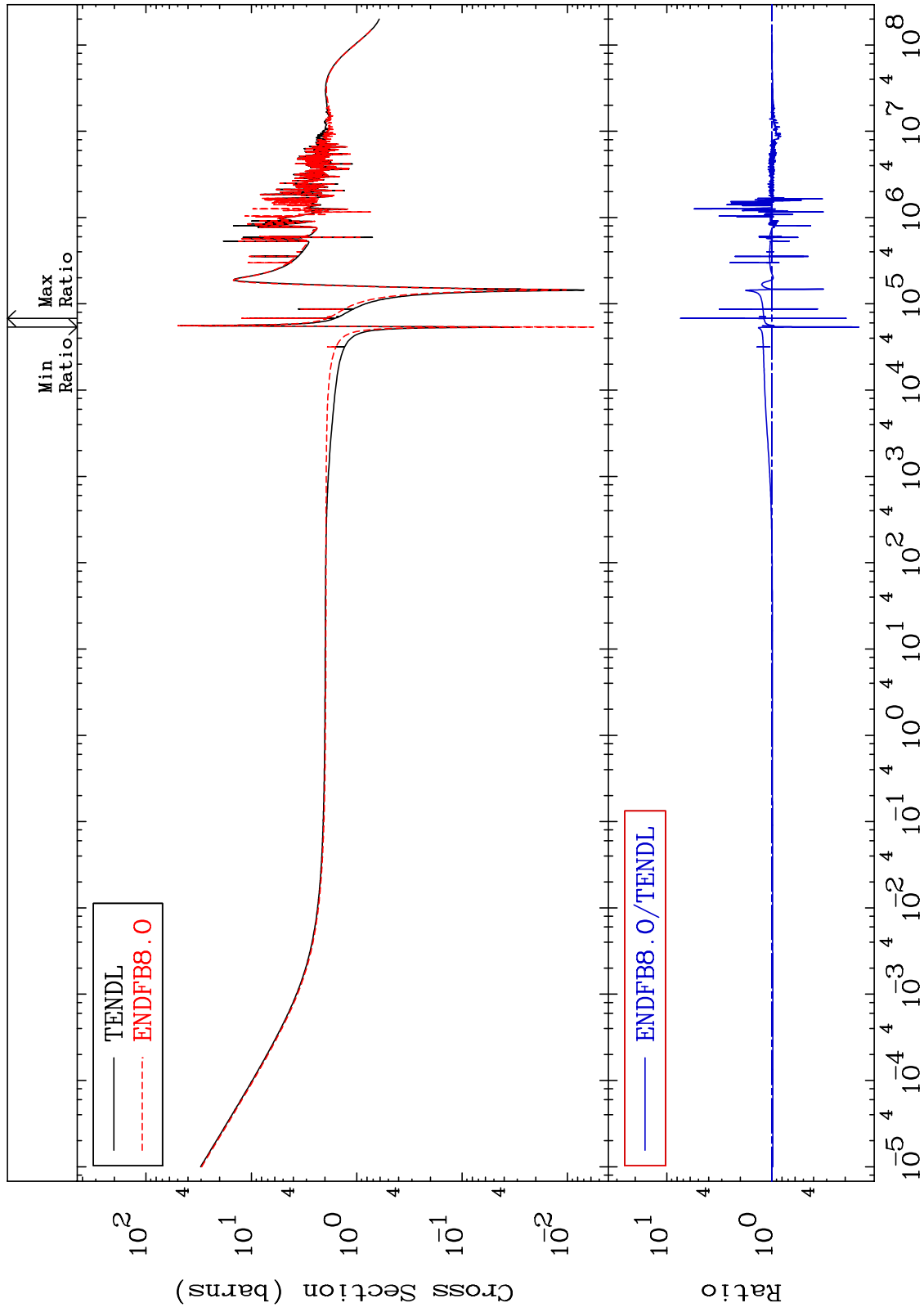
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 1425

Total
Cross Section

14-Si-28
-85.24 To 639.6 %

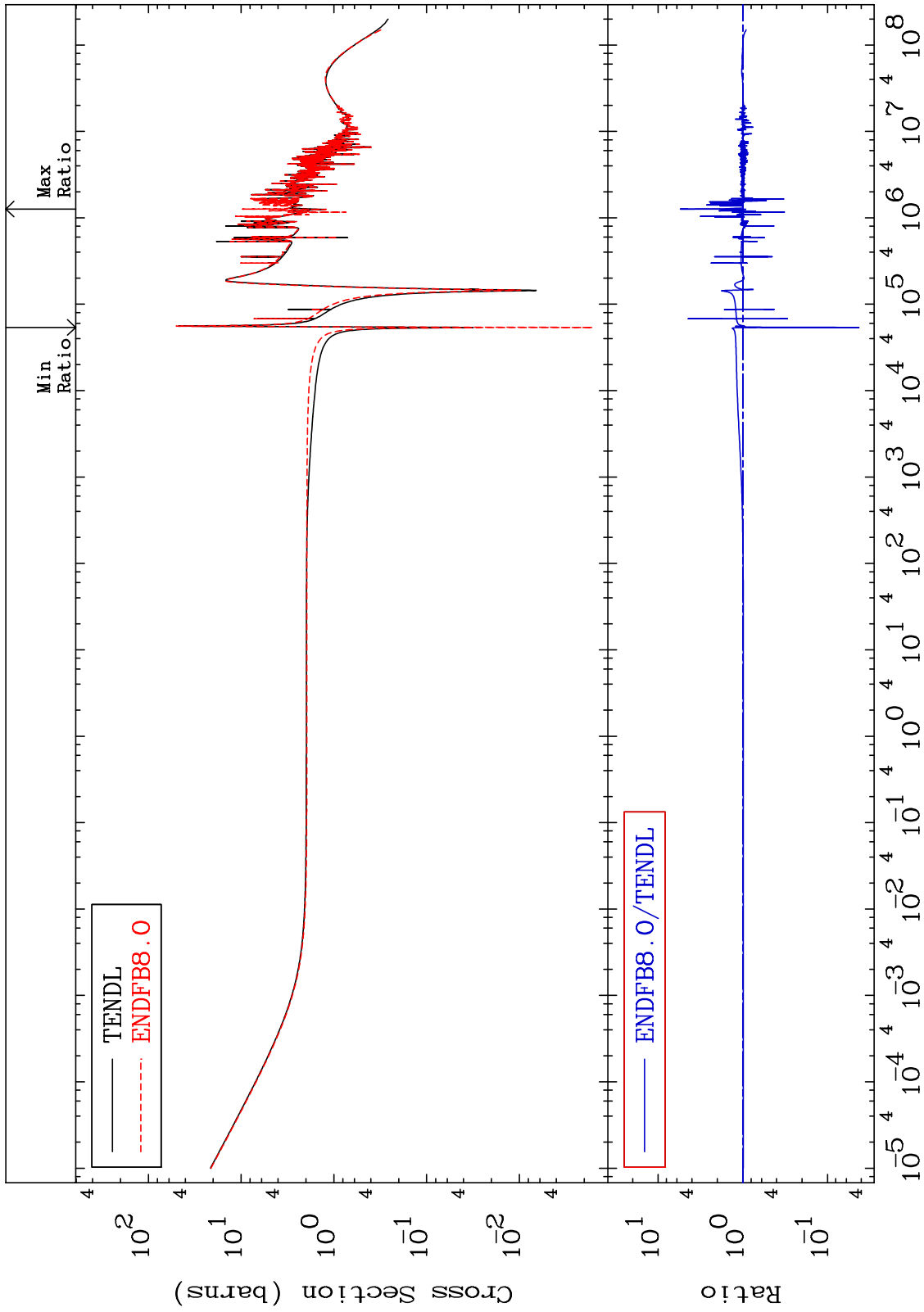


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Incident Energy (eV)

14-Si-28

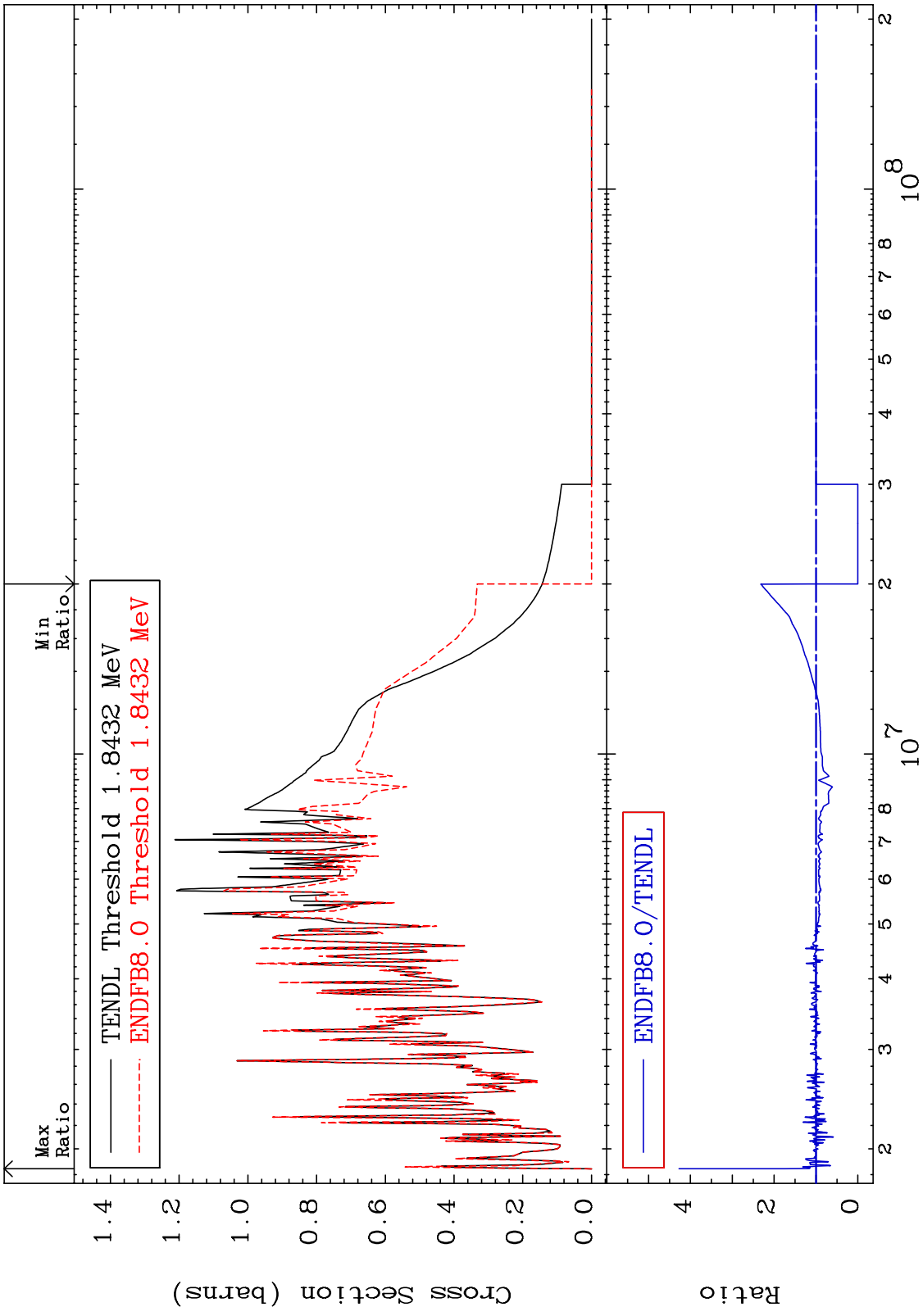
MAT 1425 Elastic Cross Section 14-Si-28 -95.73 To 449.1 %



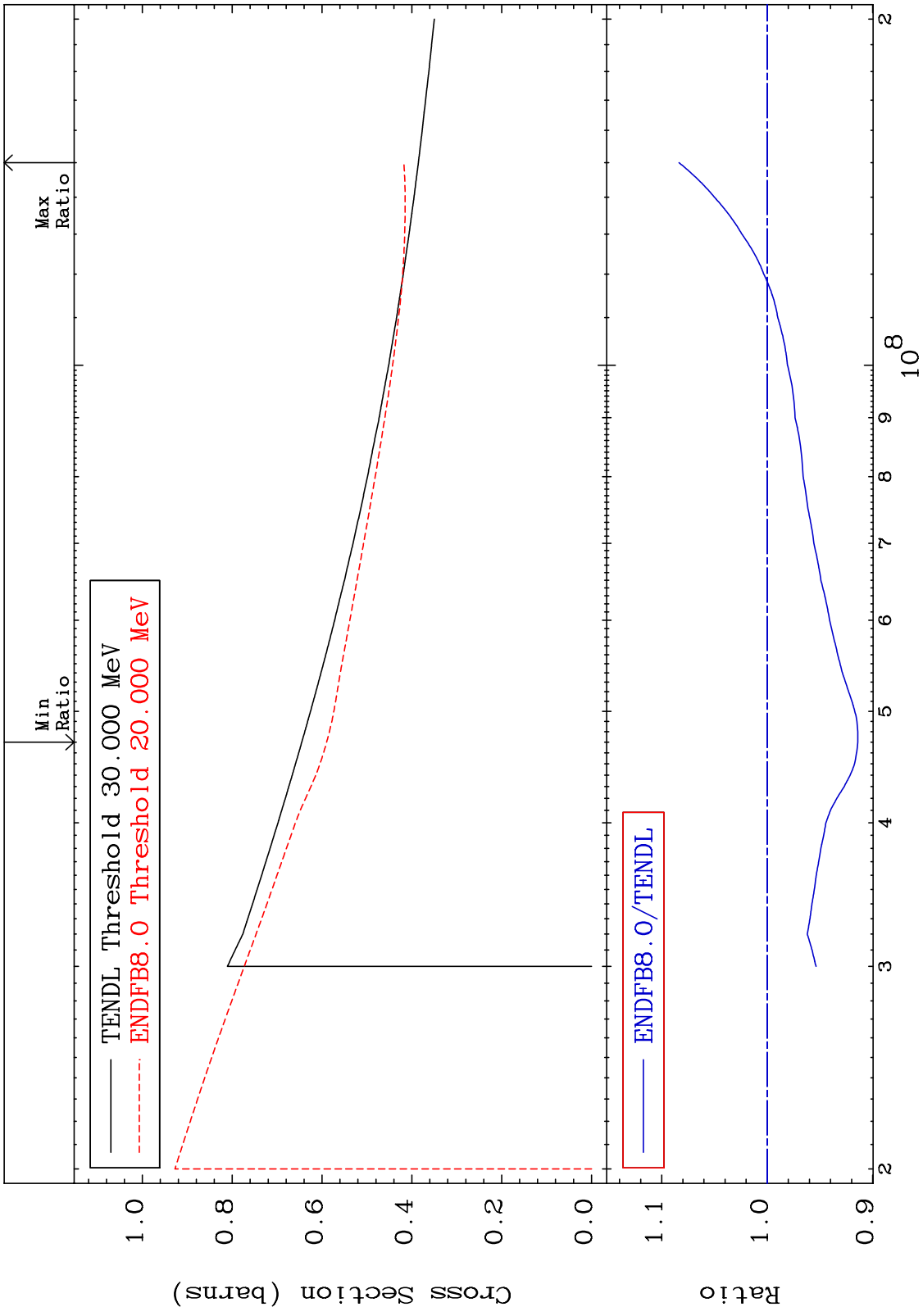
14-Si-28

Incident Energy (eV)

MAT 1425 Inelastic Cross Section 14-Si-28 -100.0 To 327.3 %

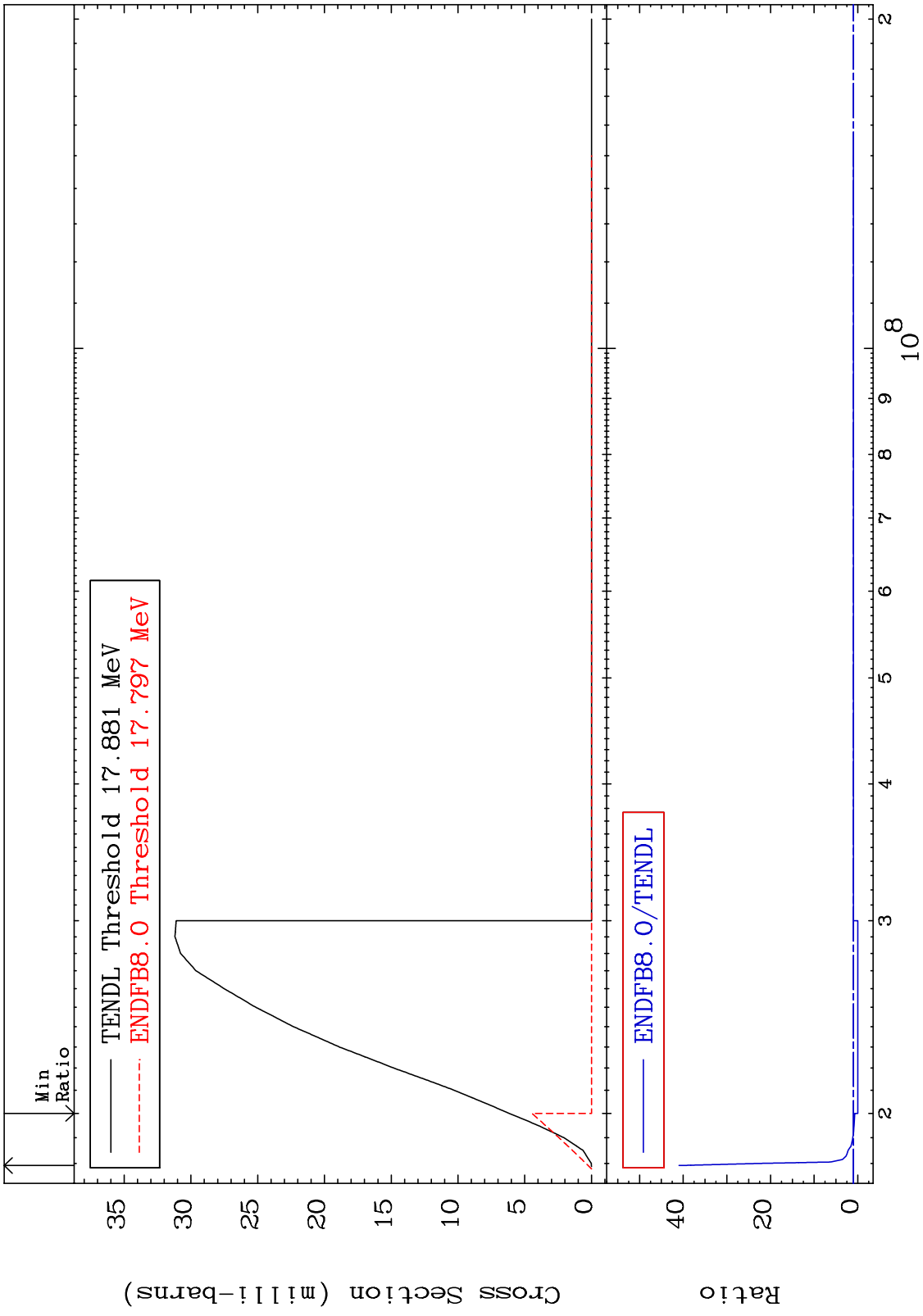


MAT 1425 (n, remainder) Cross Section 14-Si-28 -8.592 To 8.357 %



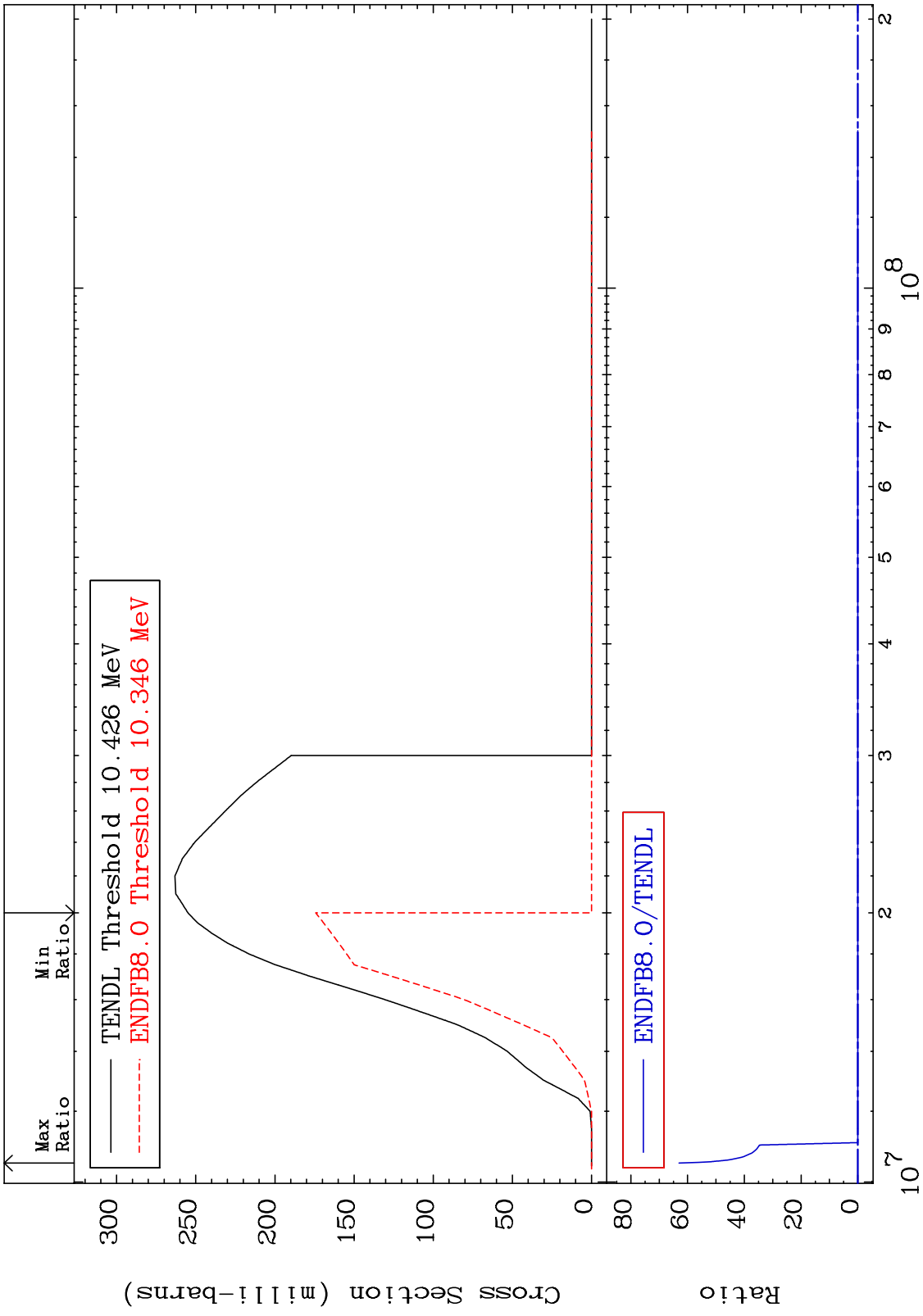
4 14-Si-28

MAT 1425 (n,2n) Cross Section 14-Si-28
 -100.0 To 3995. %

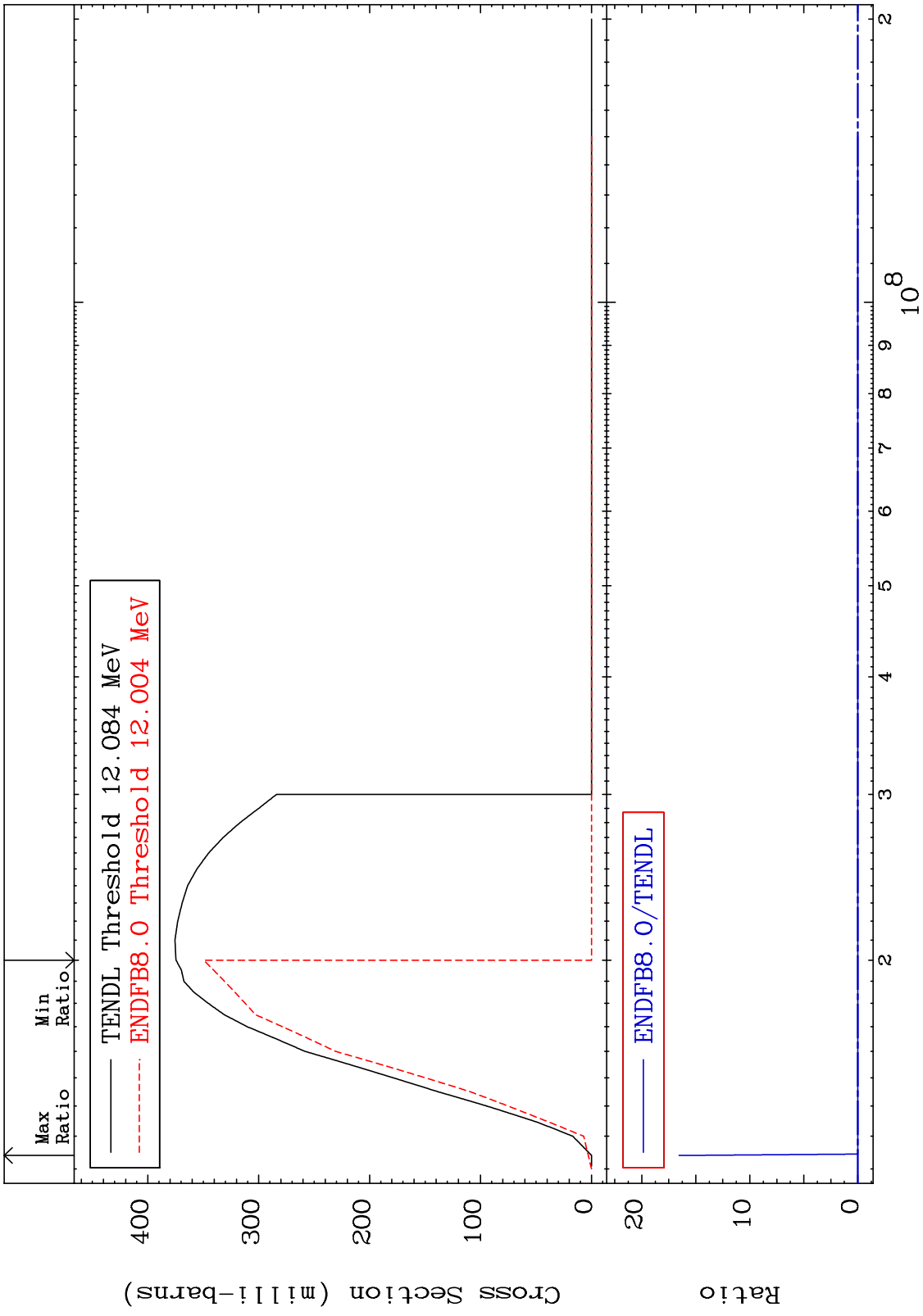


5 14-Si-28

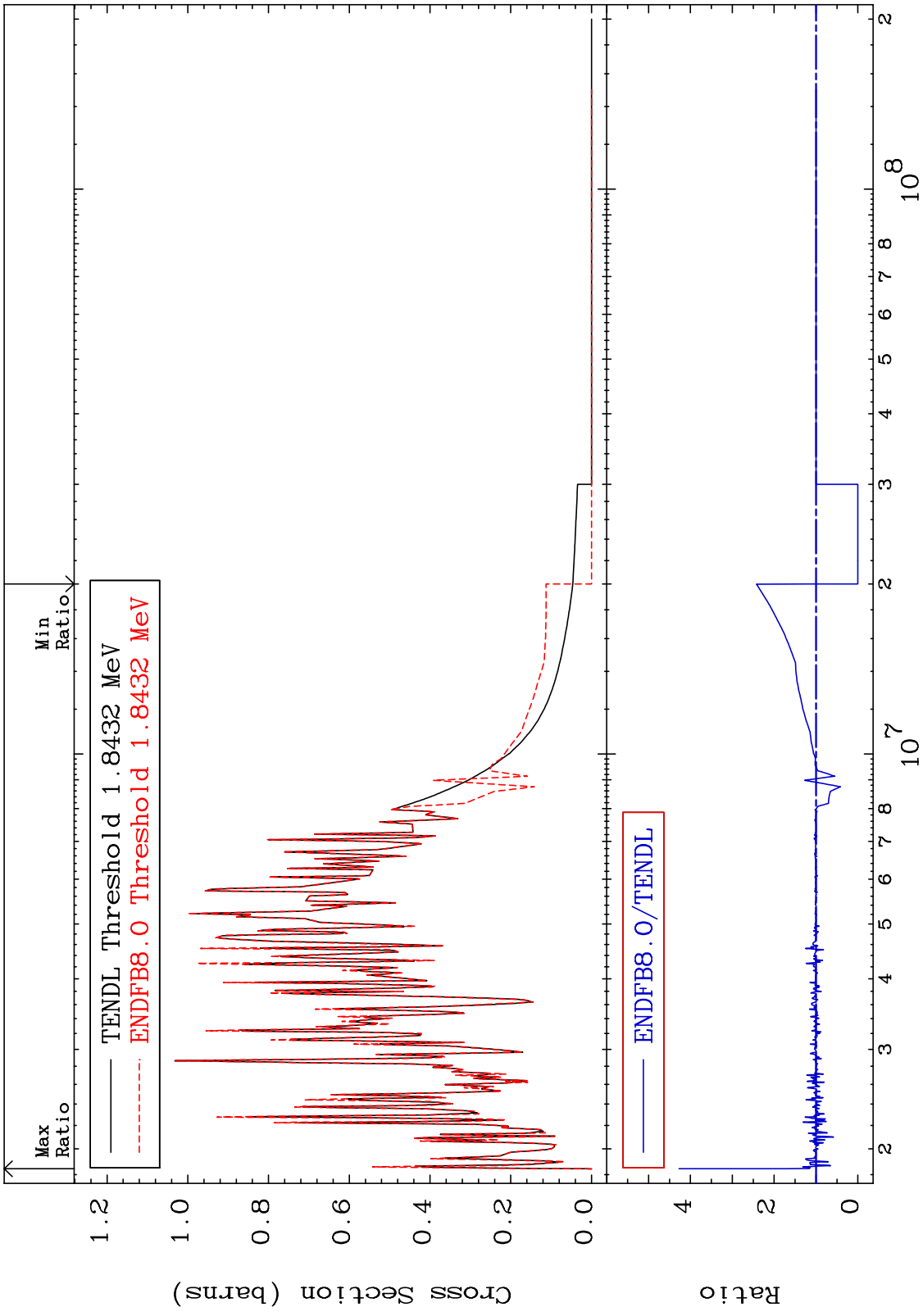
MAT 1425 $(n, n') \alpha$ 14-Si-28
 Cross Section -100.0 To 9999. %



14-Si-28 Incident Energy (eV)

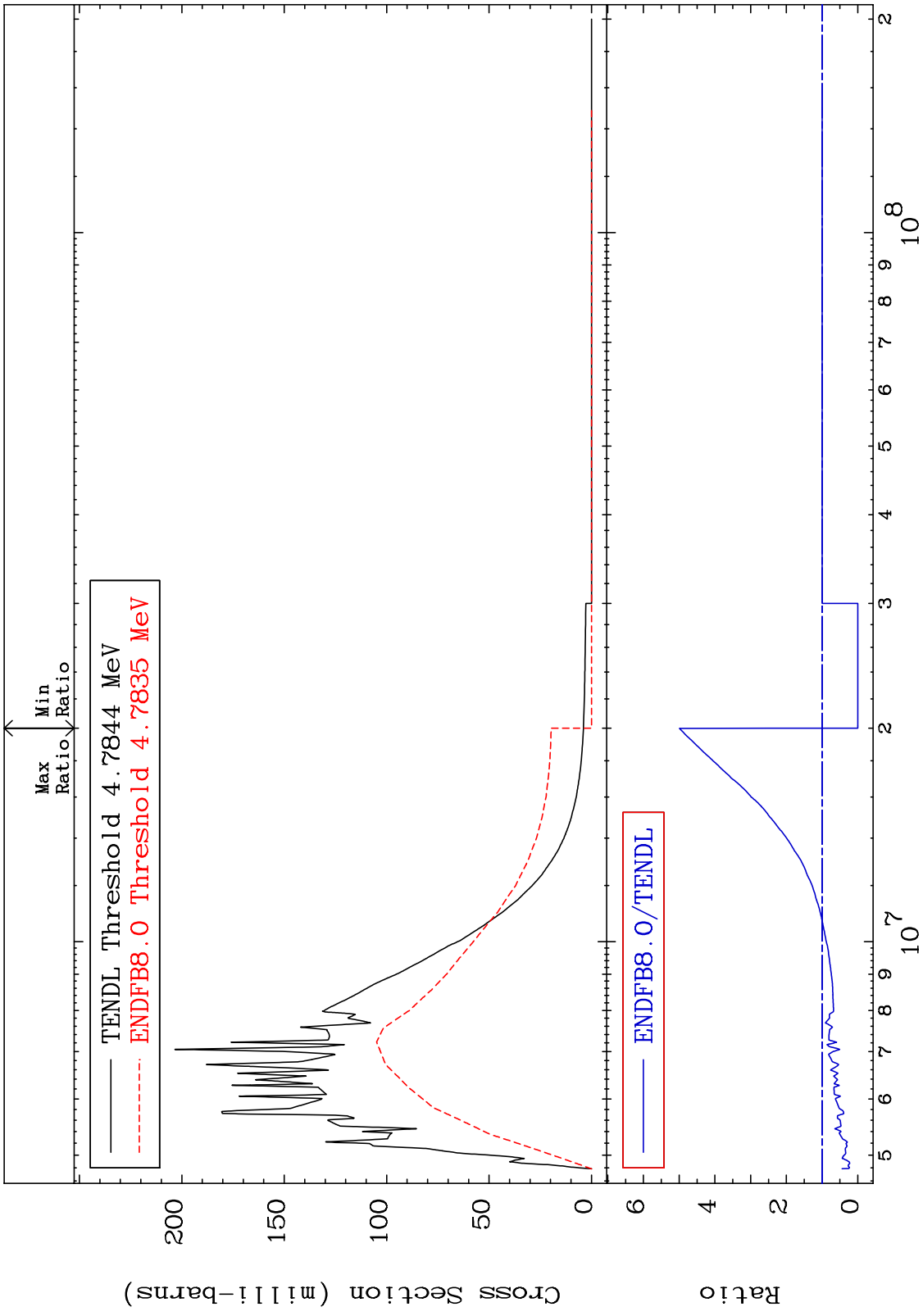


MAT 1425 MT= 51 (n,n') Level Cross Section 14-Si-28 -100.0 To 327.3 %



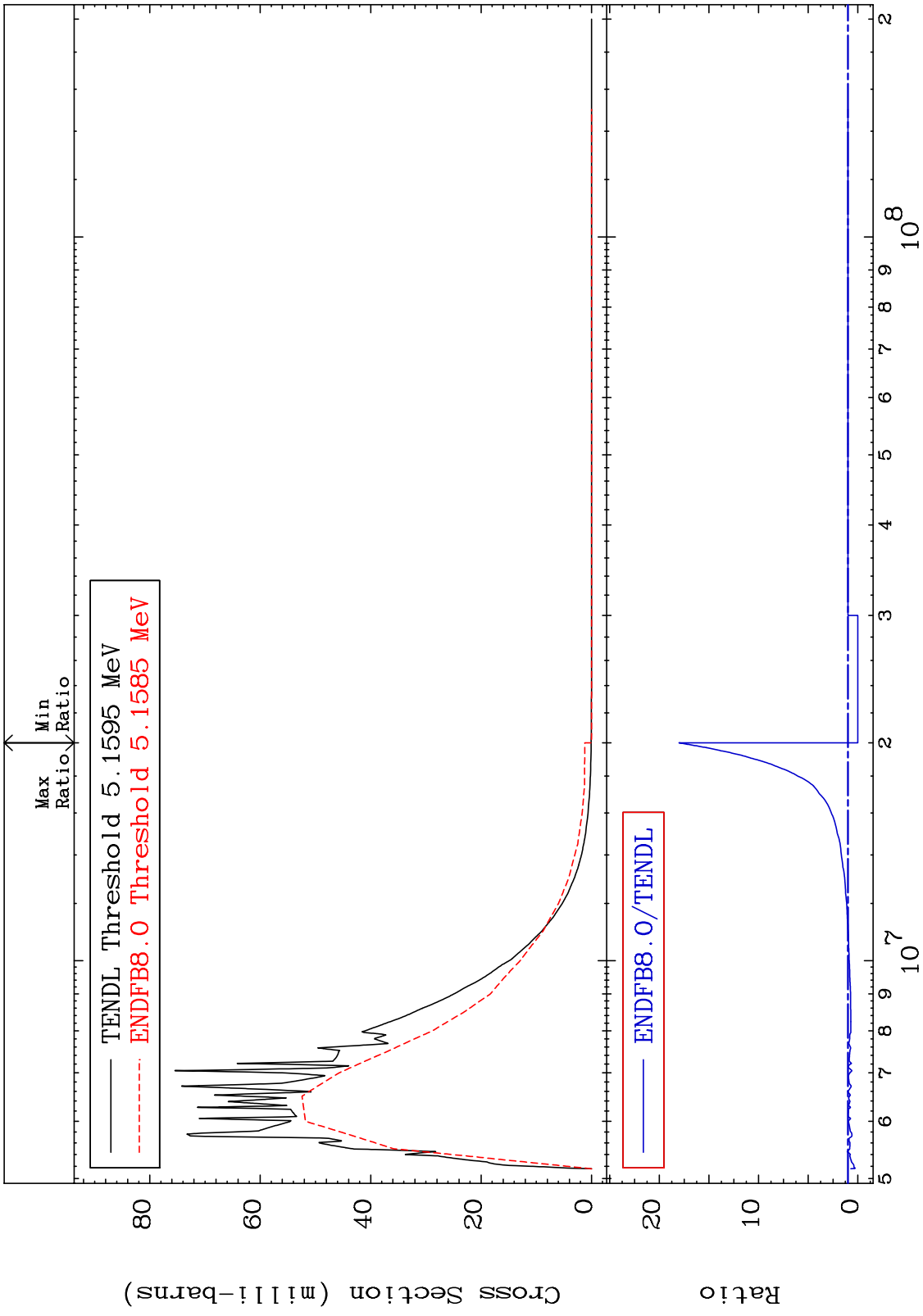
8 14-Si-28

MAT 1425 MT= 52 (n,n') Level Cross Section -100.0 To 400.4 % 14-Si-28



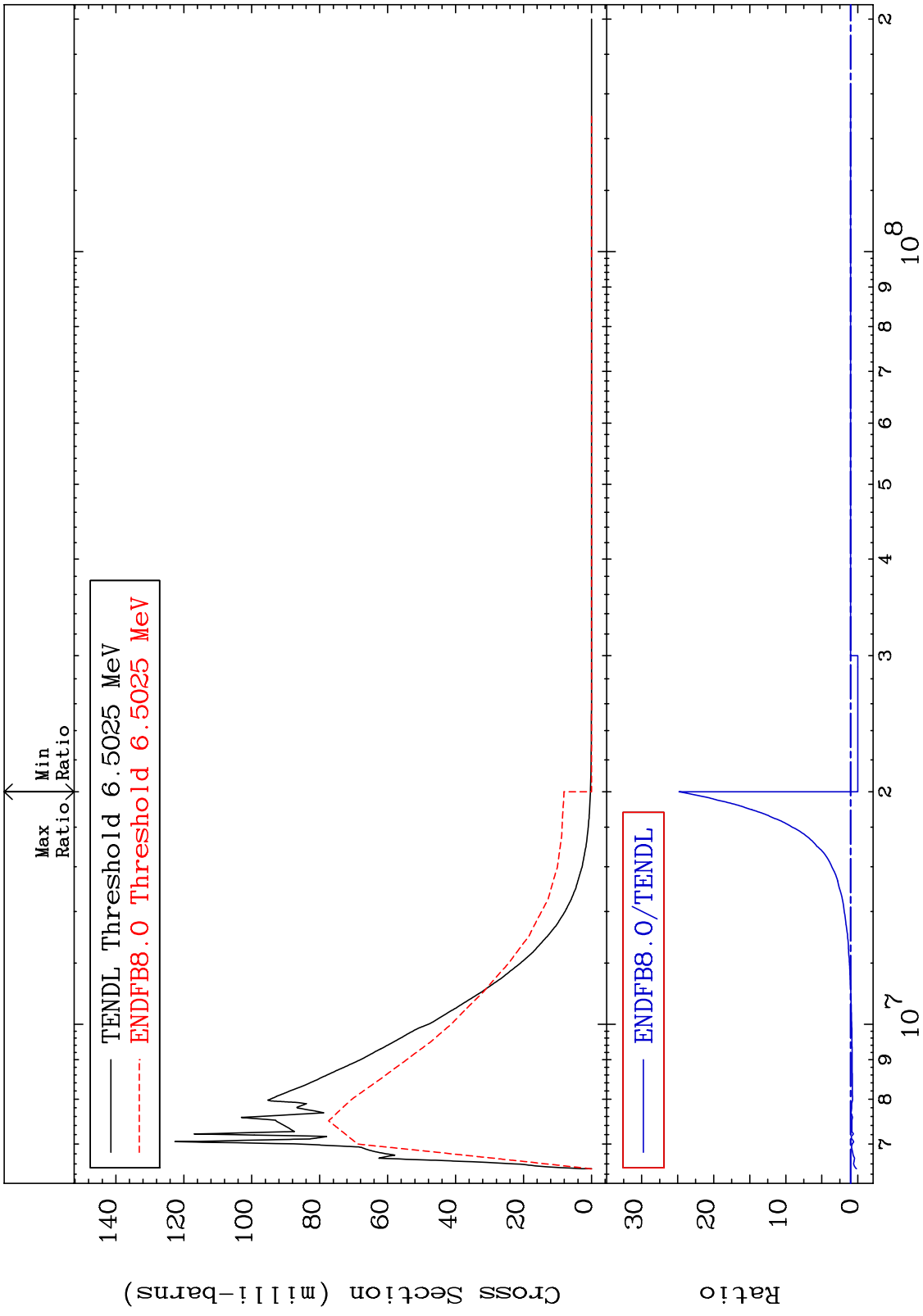
9 14-Si-28

MAT 1425 MT= 53 (n,n') Level Cross Section 14-Si-28
 -100.0 To 1702. %

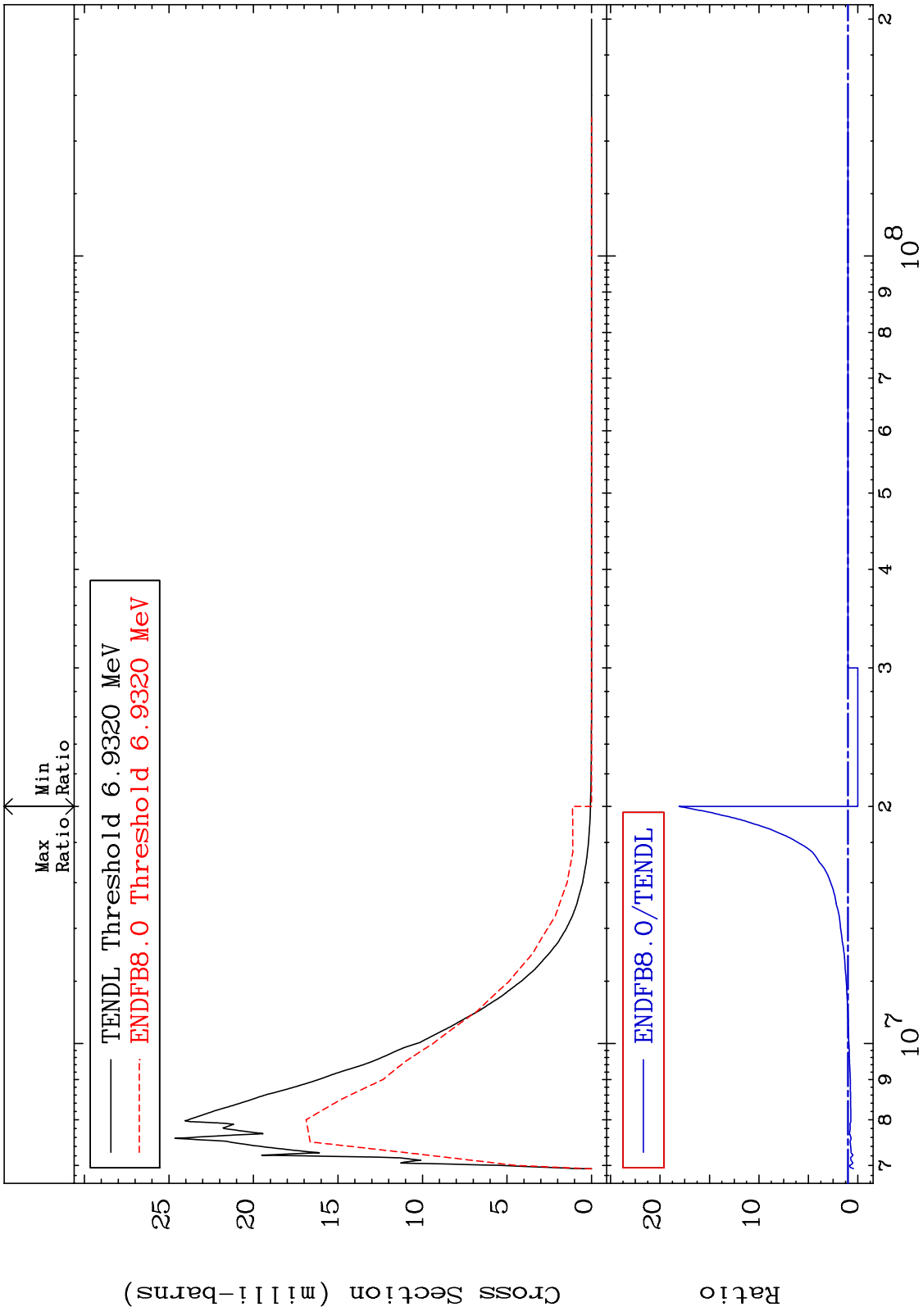


14-Si-28

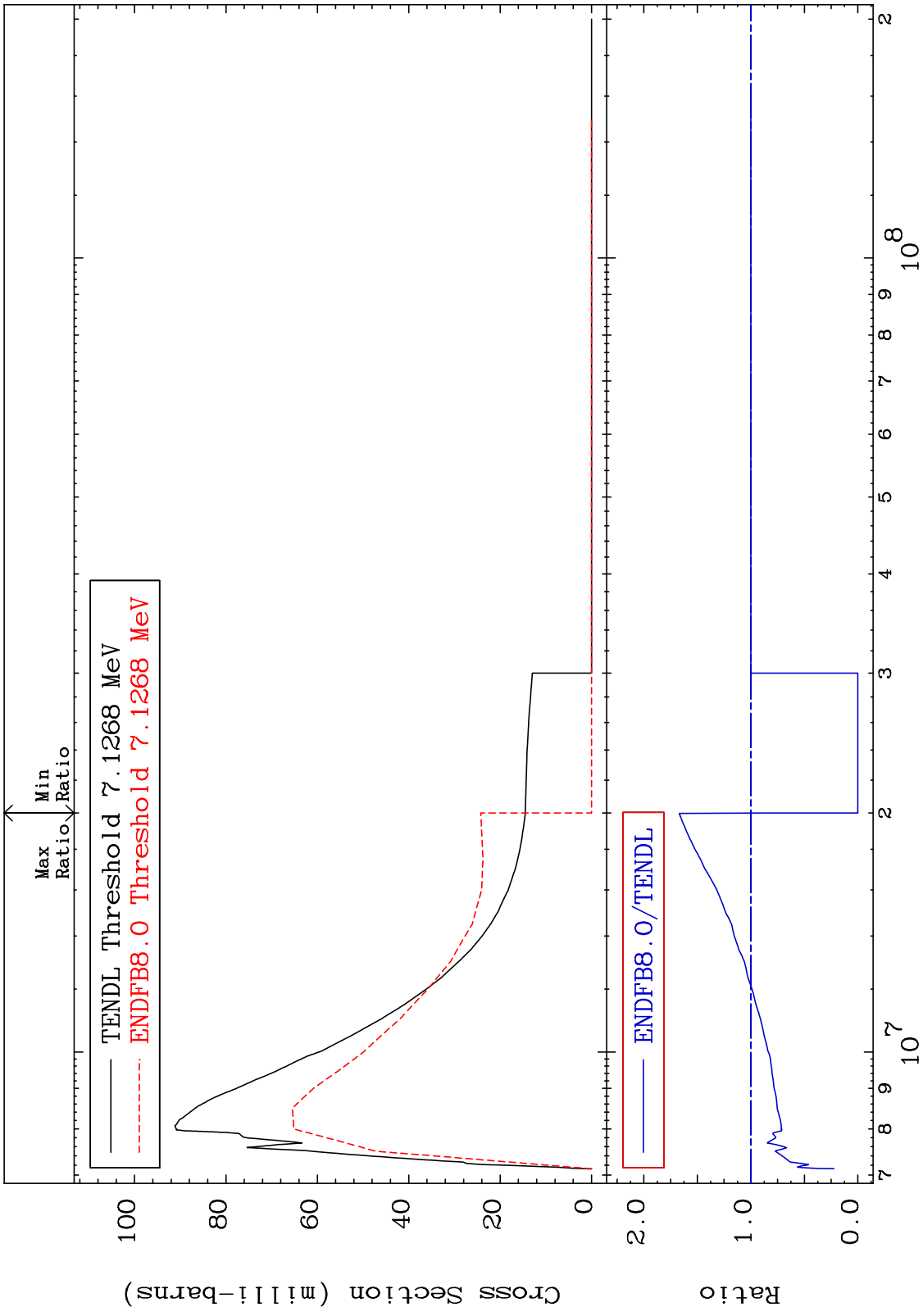
MAT 1425 MT= 54 (n,n') Level Cross Section -100.0 To 2381. % 14-Si-28



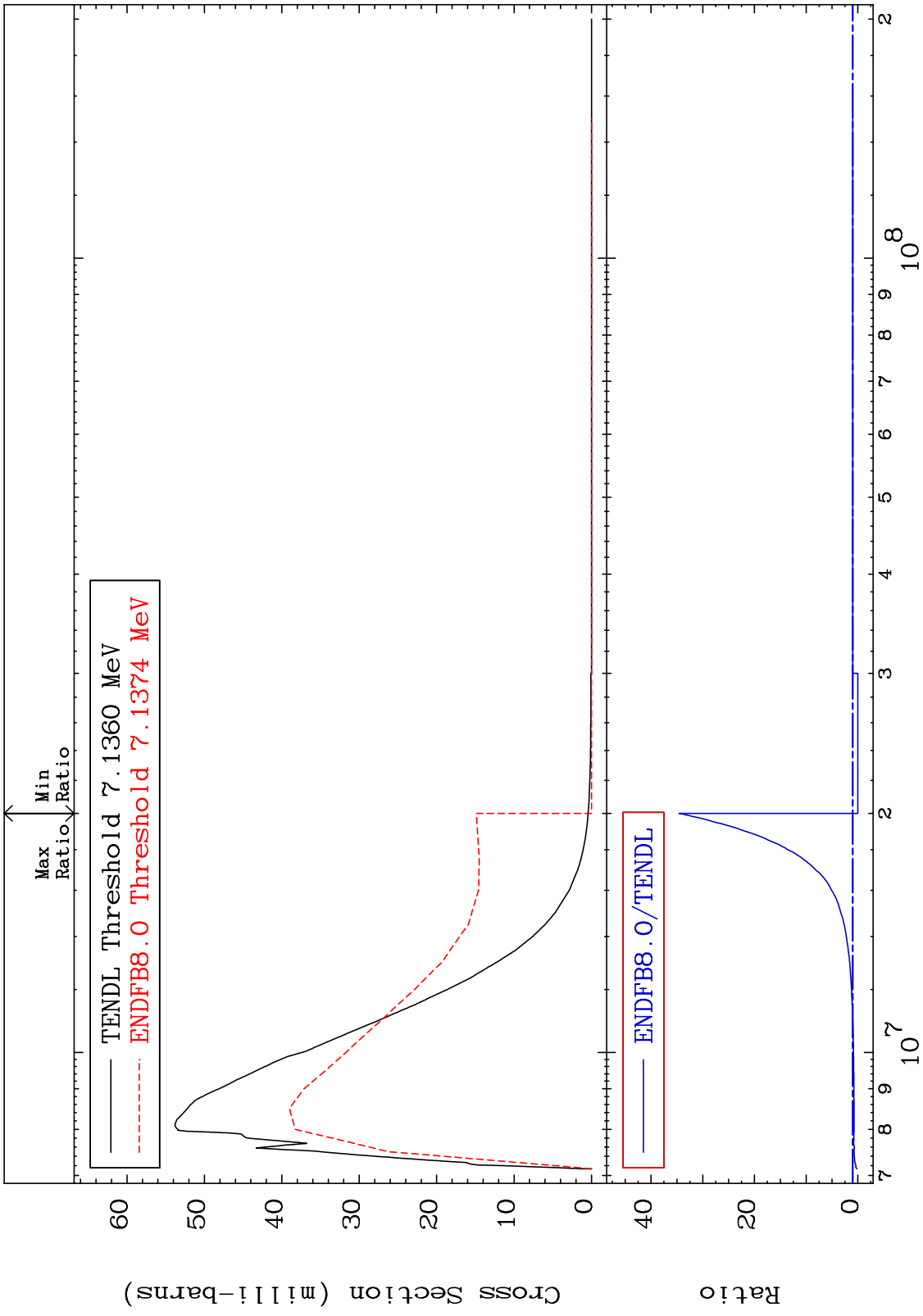
MAT 1425 MT= 55 (n,n') Level Cross Section -100.0 To 1708. % 14-Si-28



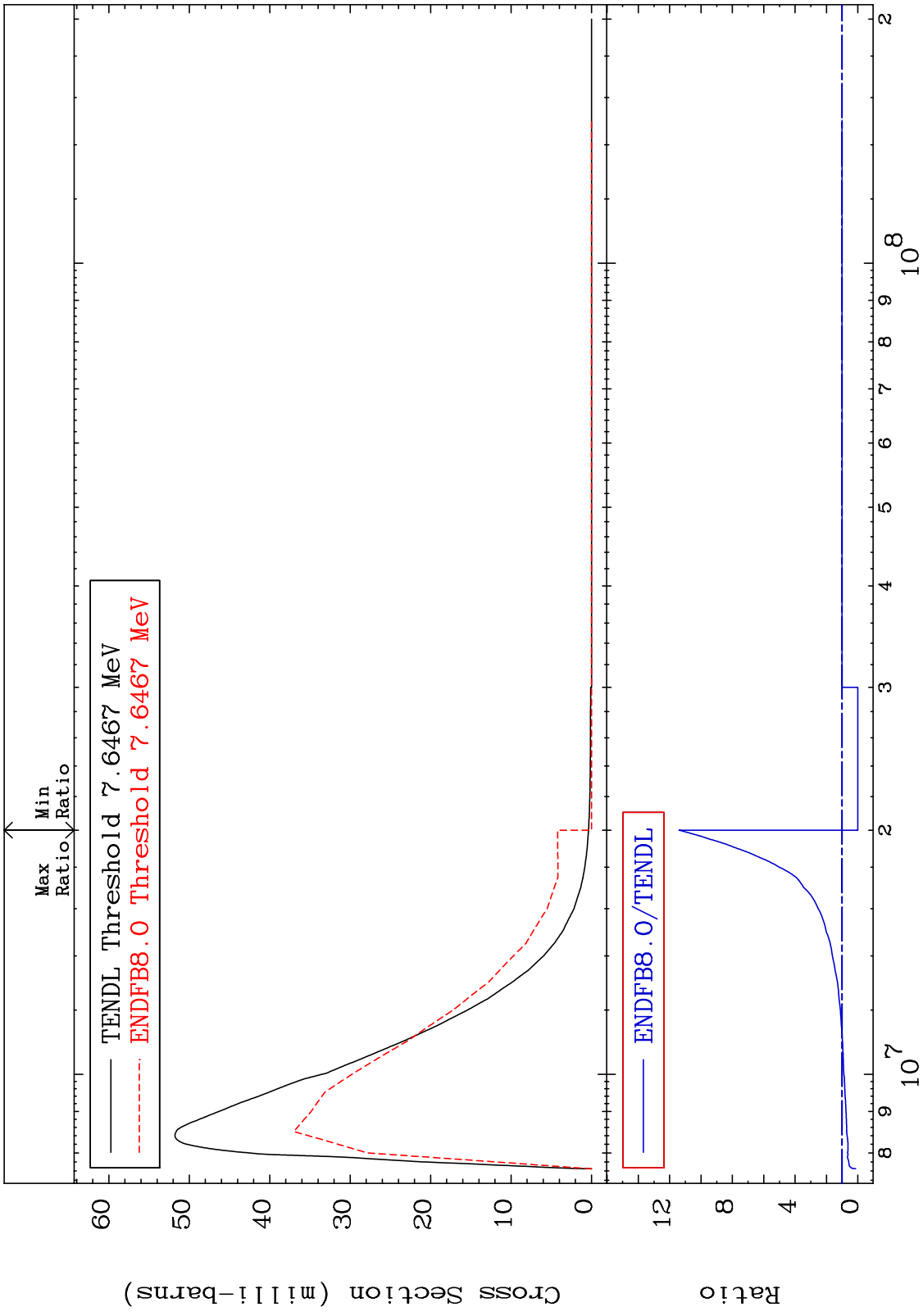
MAT 1425 MT= 56 (n,n') Level Cross Section 14-Si-28
 -100.0 To 67.12 %



MAT 1425 MT= 57 (n,n') Level Cross Section -100.0 To 3359. % 14-Si-28

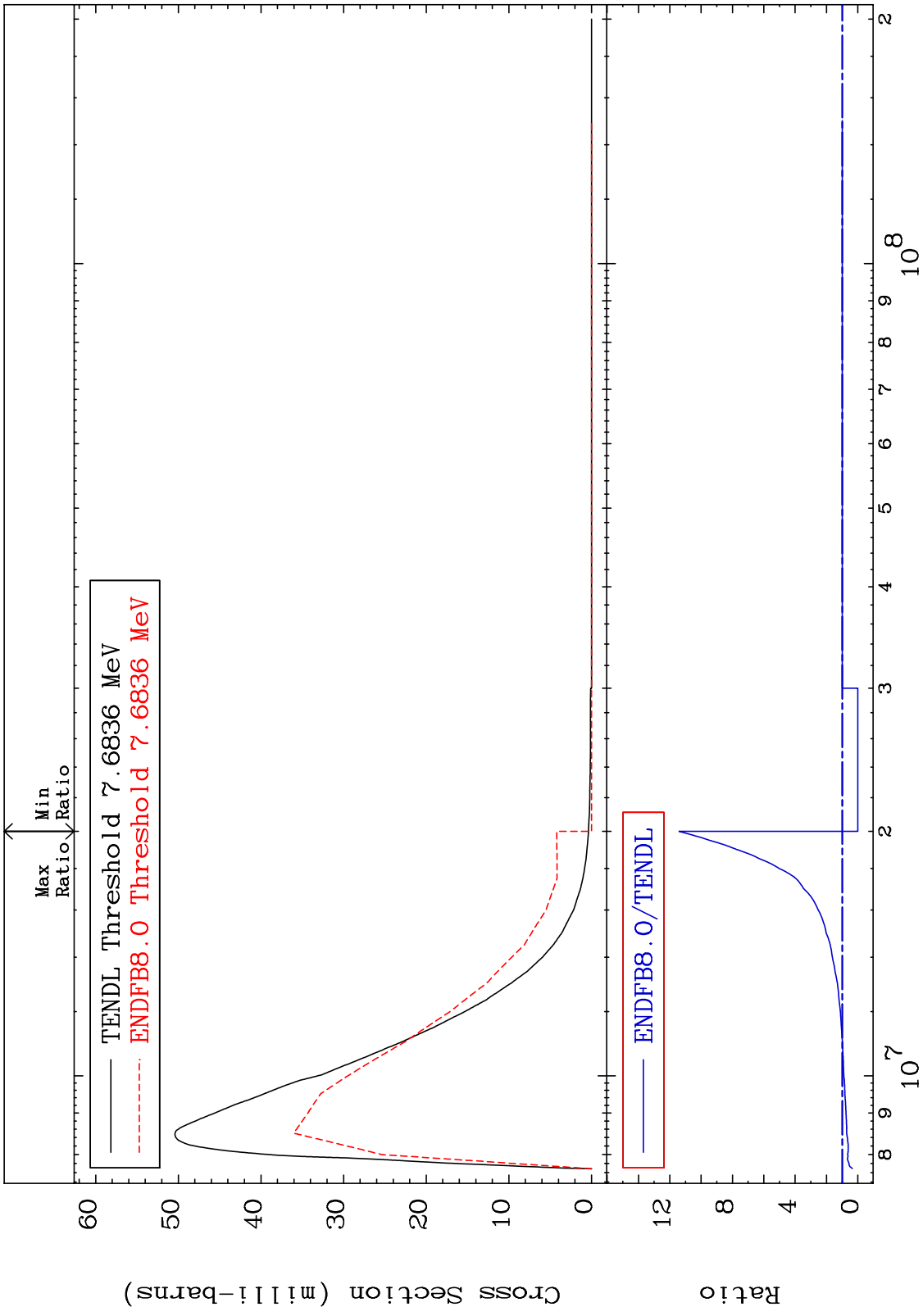


MAT 1425 MT= 58 (n,n') Level Cross Section 14-Si-28
 -100.0 To 1040. %

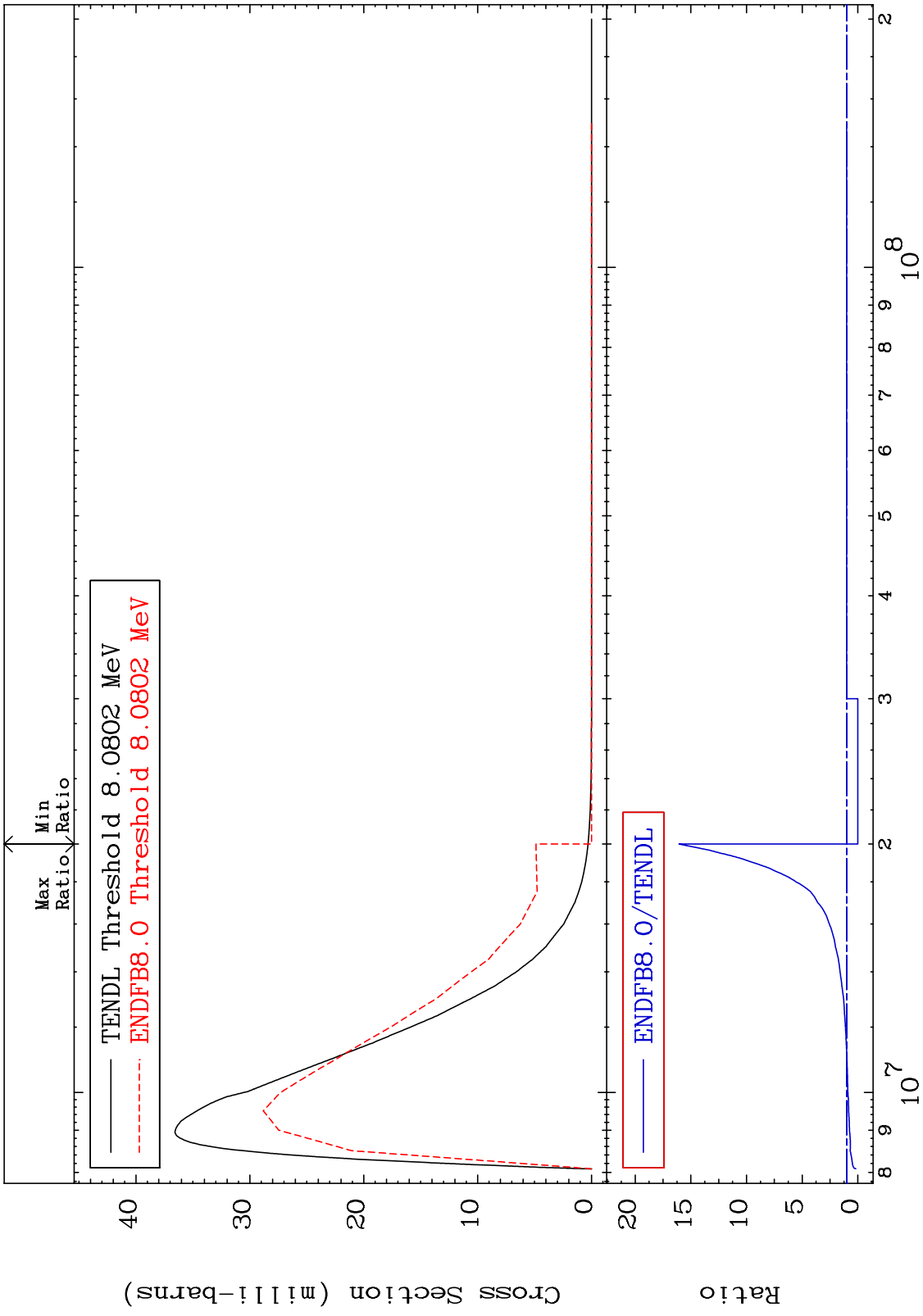


15 14-Si-28

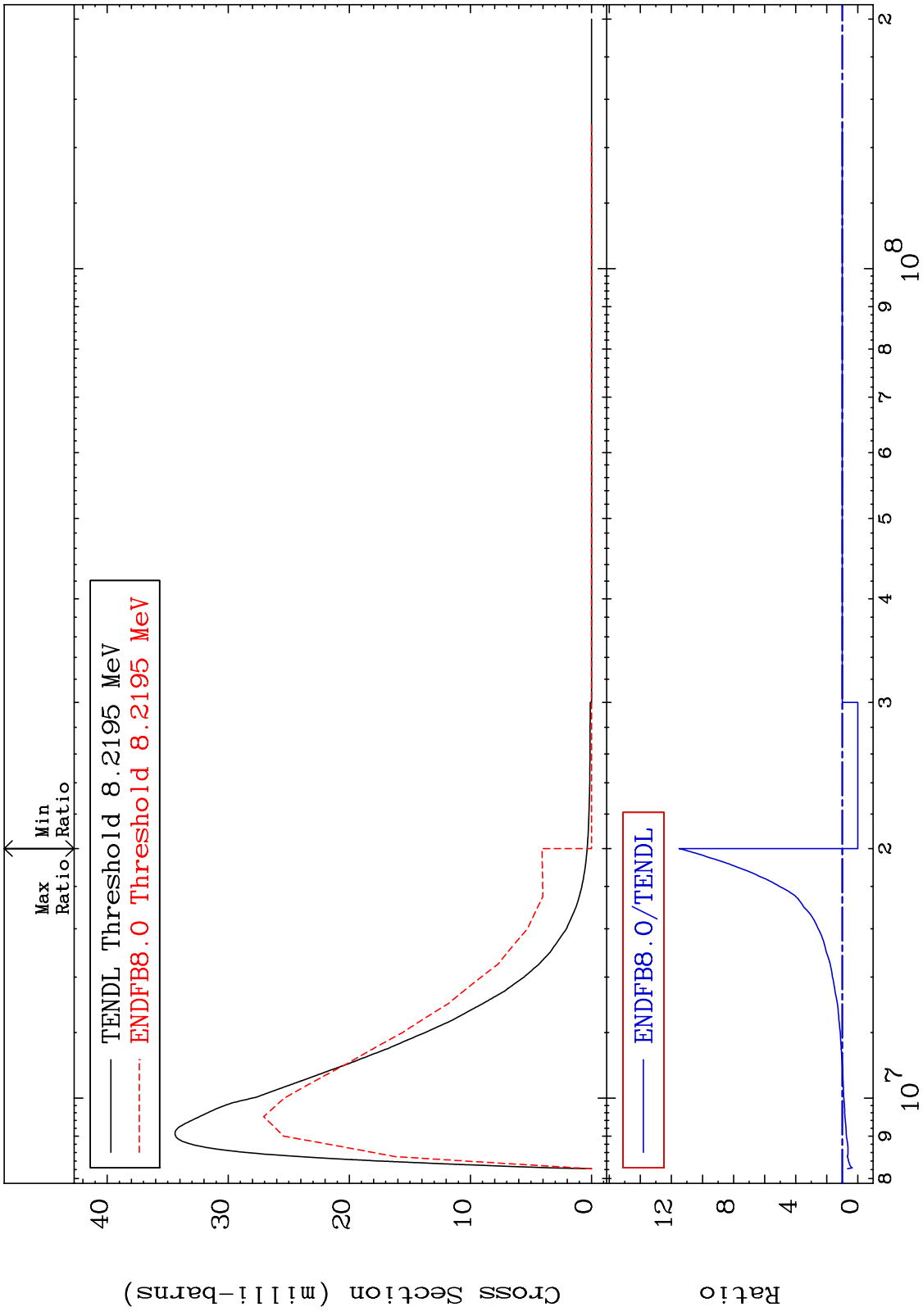
MAT 1425 MT= 59 (n,n') Level Cross Section 14-Si-28 -100.0 To 1041. %



MAT 1425 MT= 60 (n,n') Level Cross Section -100.0 To 1506. % 14-Si-28



MAT 1425 MT= 61 (n,n') Level Cross Section 14-Si-28 -100.0 To 1051. %

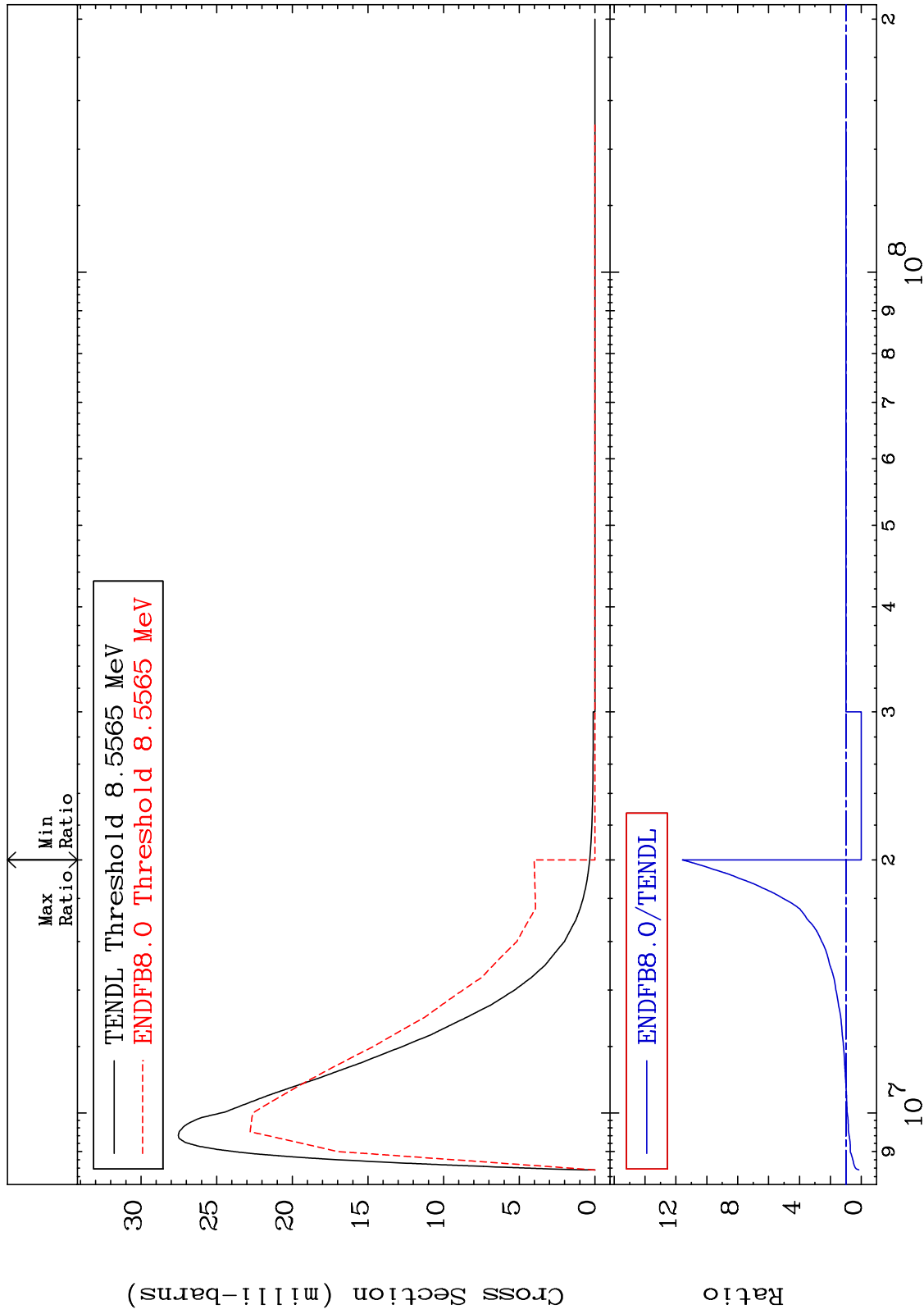


18 14-Si-28 Incident Energy (eV)

MAT 1425

MT= 62 (n,n') Level
Cross Section

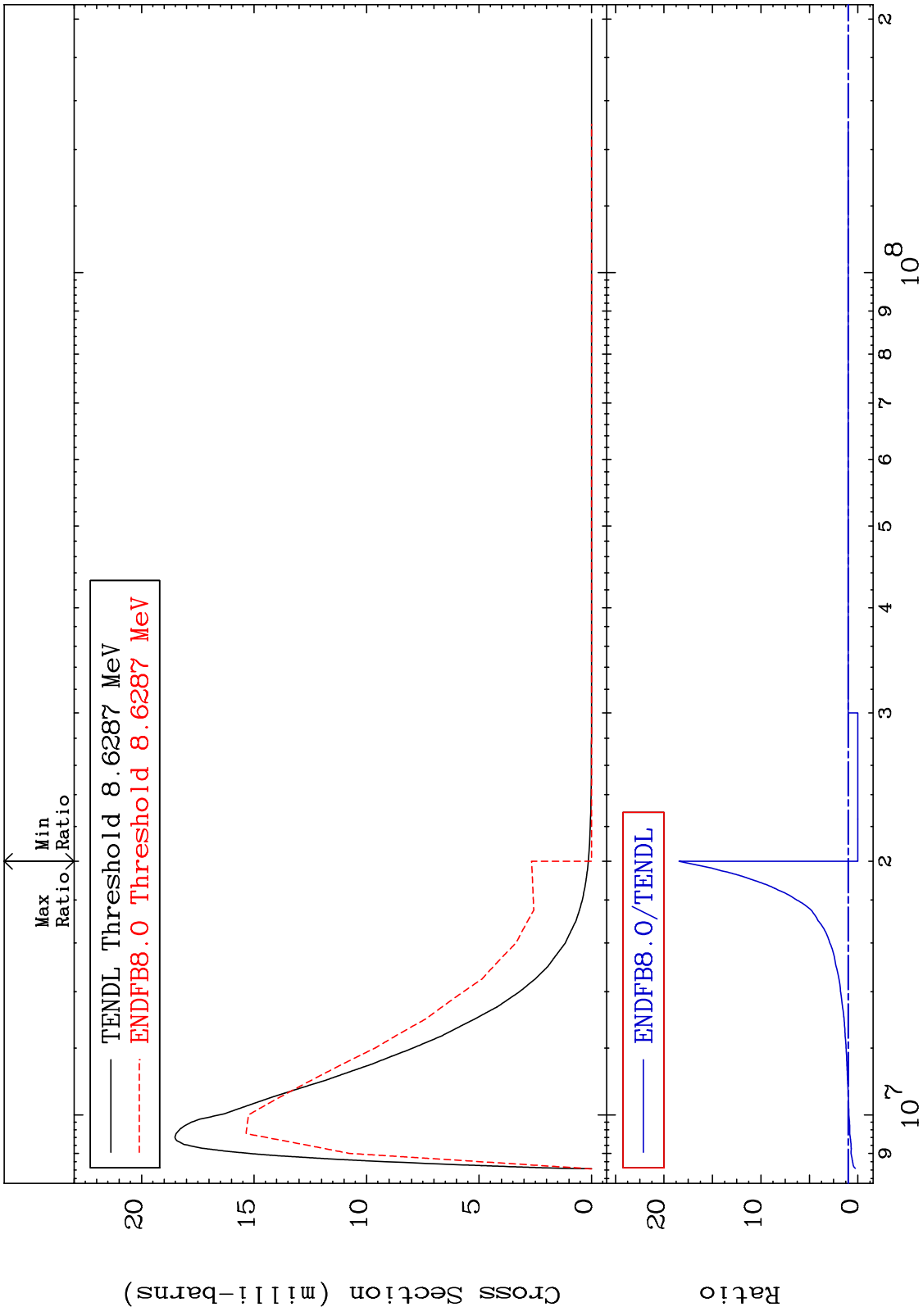
14-Si-28
-100.0 To 1058. %



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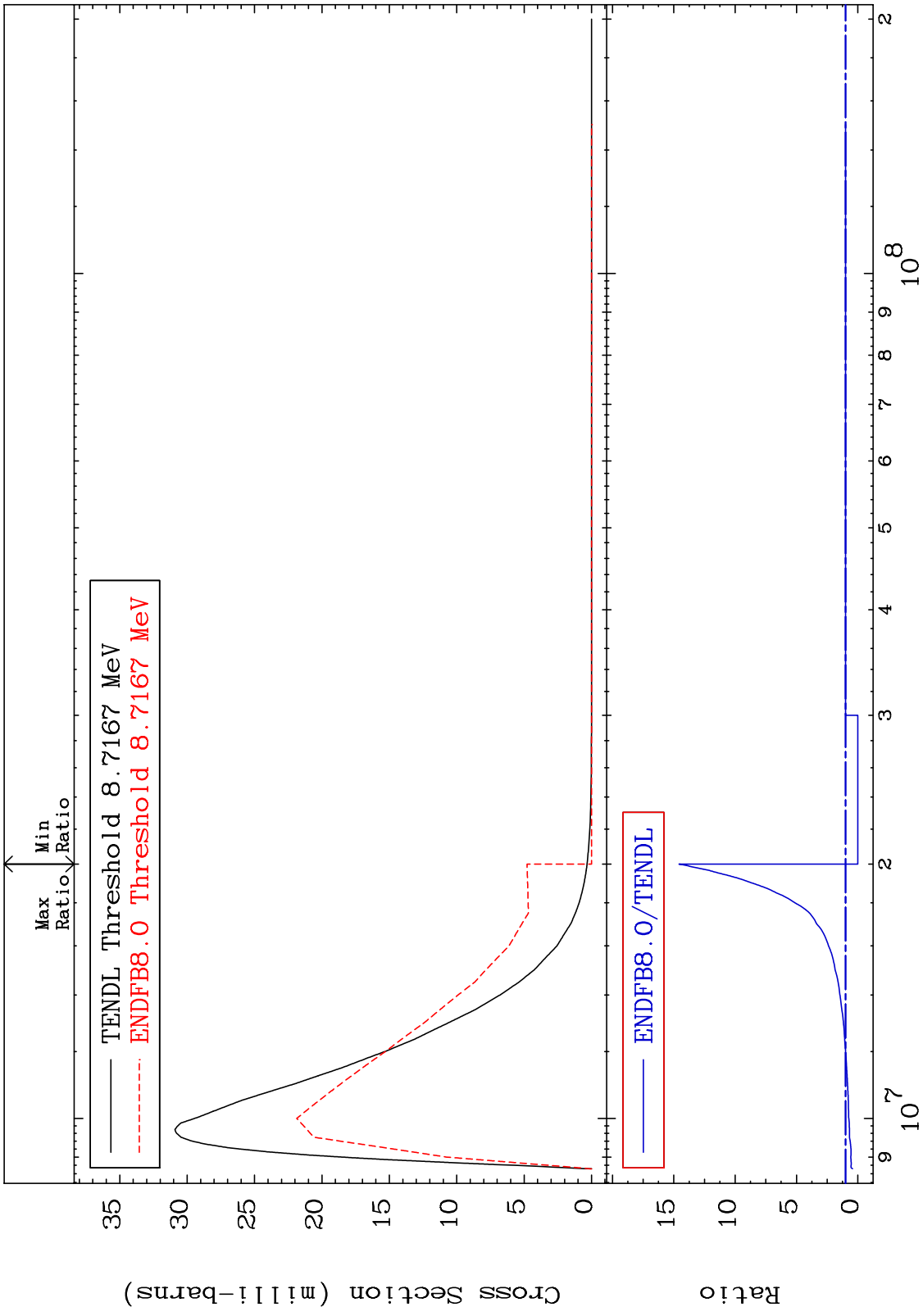
14-Si-28

MAT 1425 MT= 63 (n,n') Level Cross Section -100.0 To 1745. % 14-Si-28

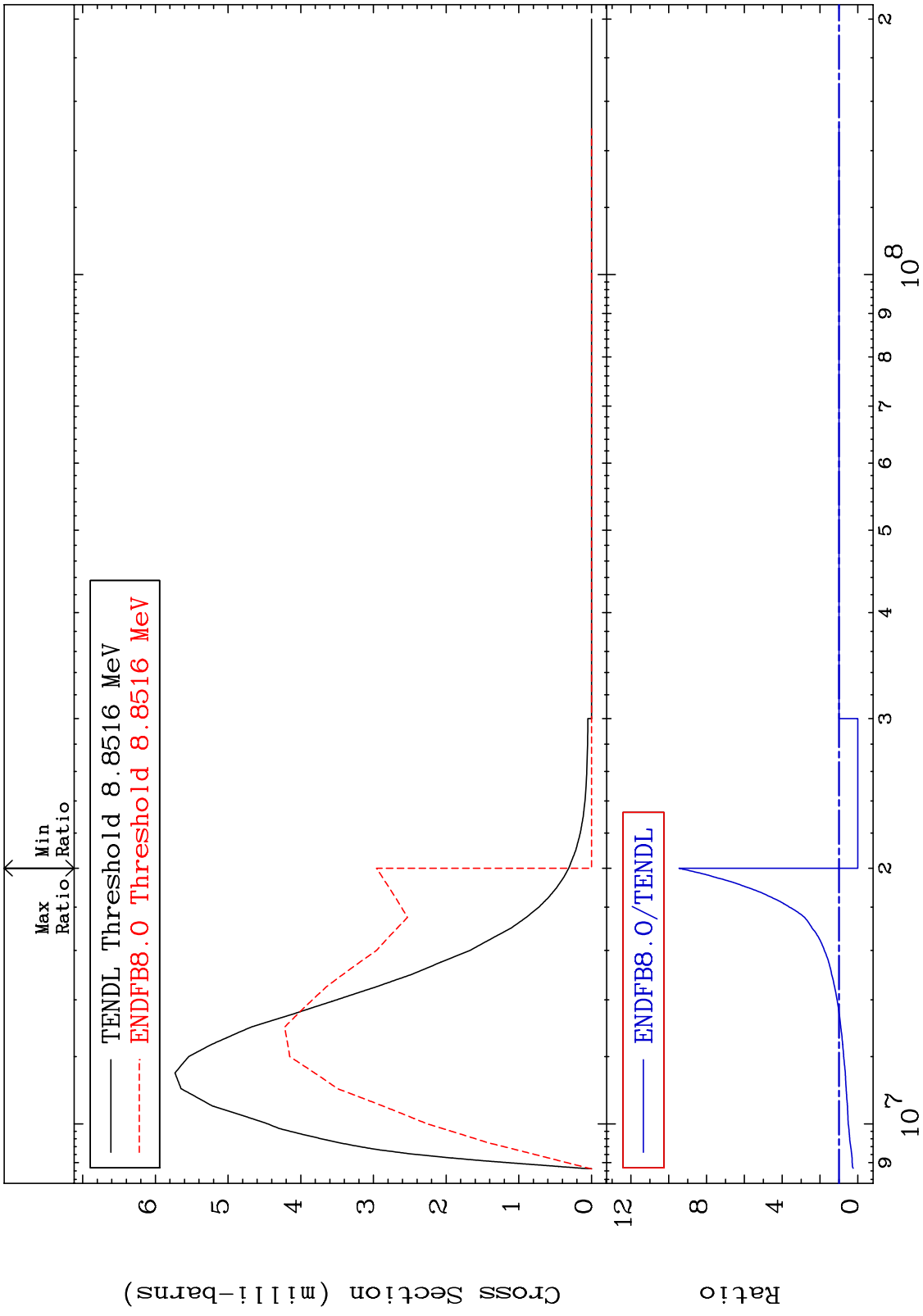


14-Si-28

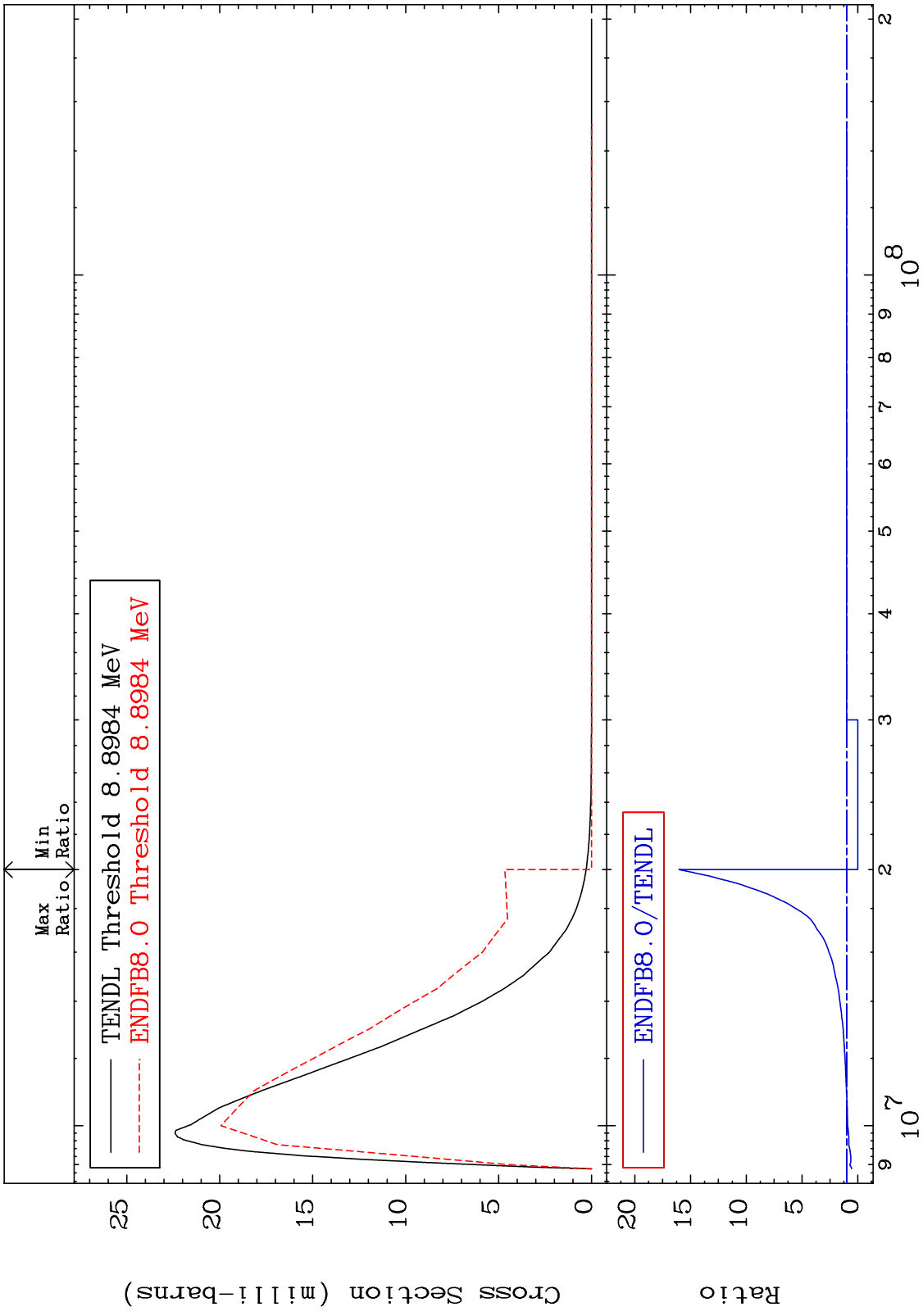
MAT 1425 MT= 64 (n,n') Level Cross Section -100.0 To 1358. % 14-Si-28



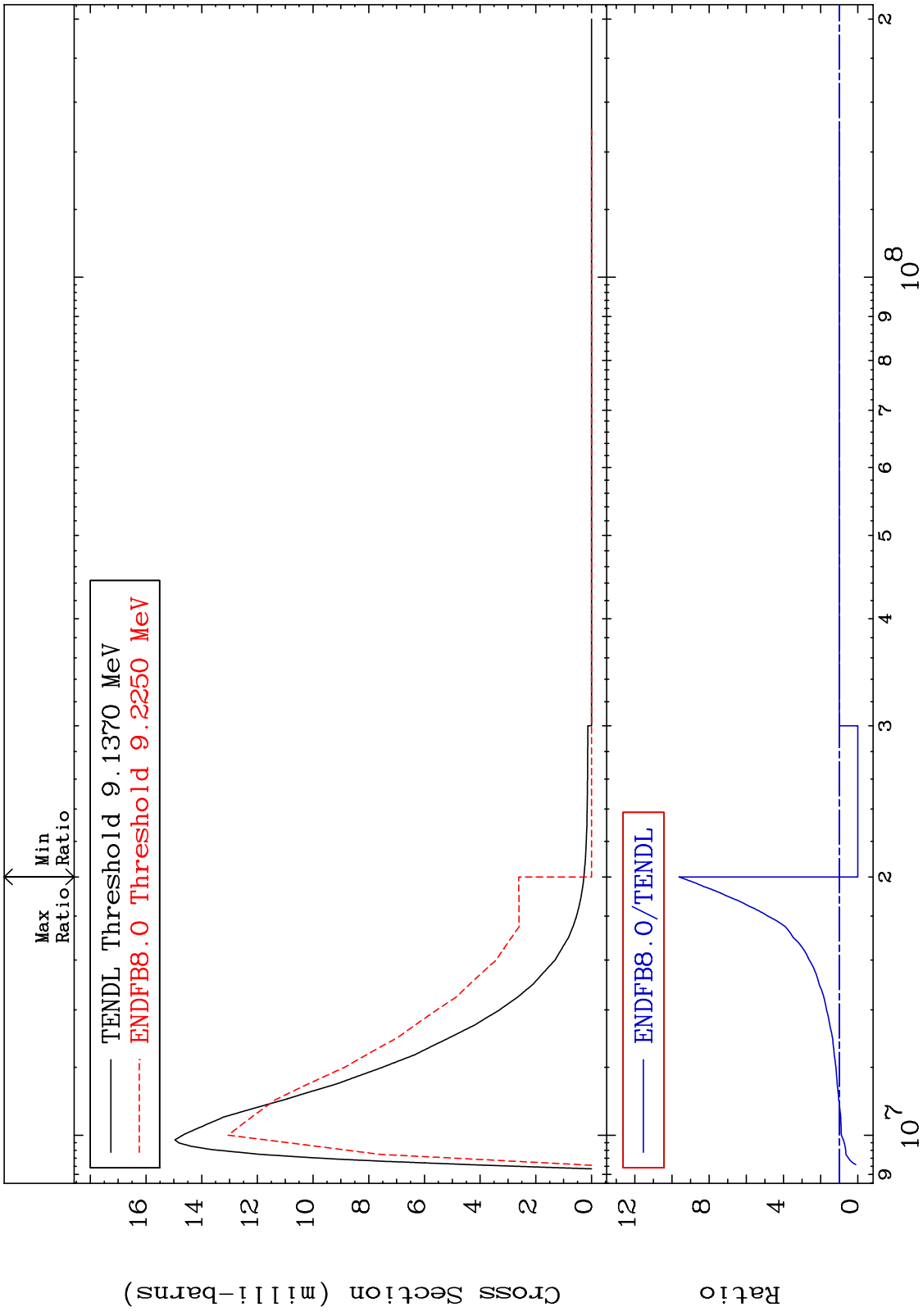
MAT 1425 MT= 65 (n,n') Level Cross Section -100.0 To 845.4 % 14-Si-28



MAT 1425 MT= 66 (n,n') Level Cross Section 14-Si-28
 -100.0 To 1503. %

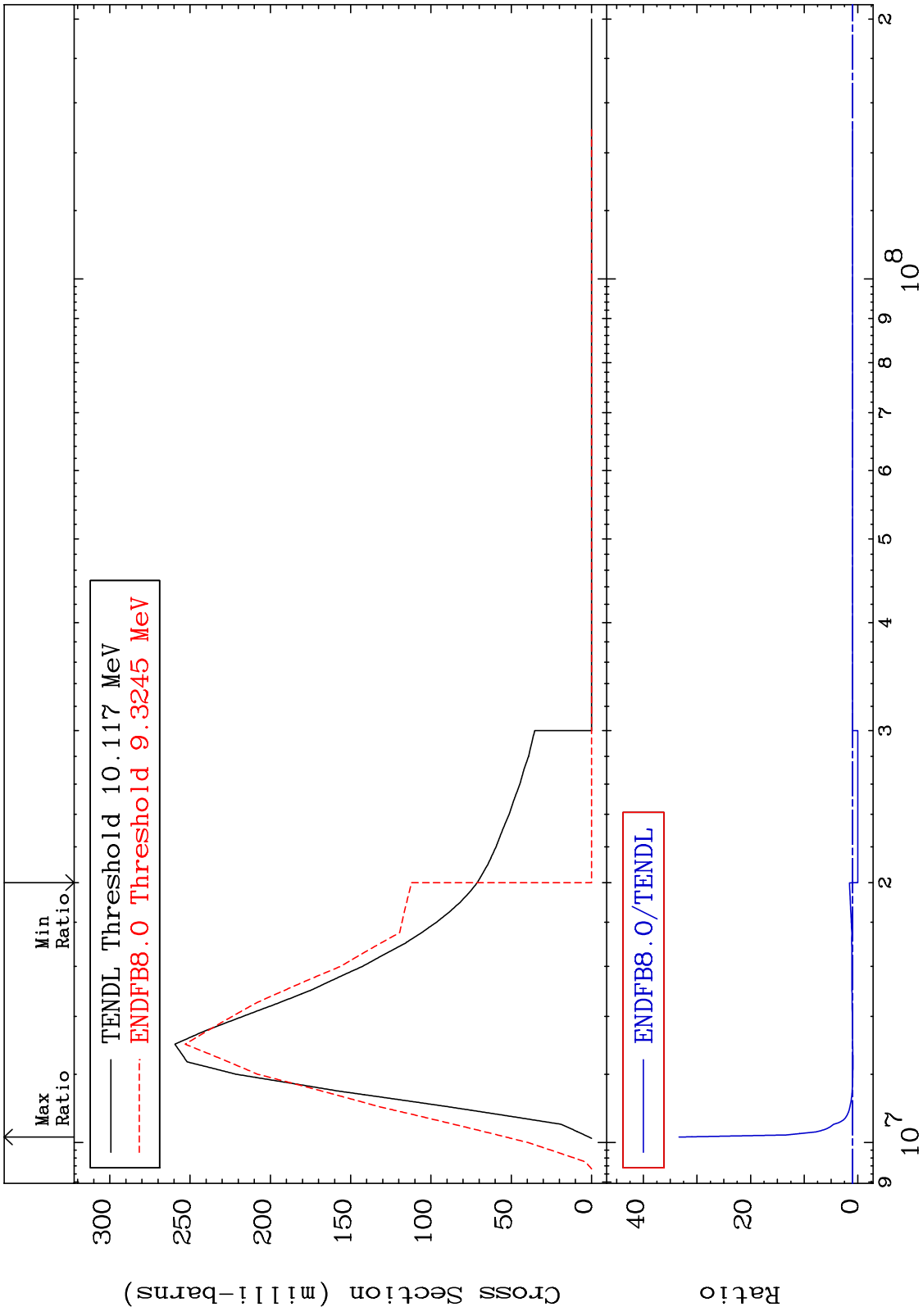


MAT 1425 MT= 67 (n,n') Level Cross Section 14-Si-28
 -100.0 To 862.4 %



24 14-Si-28

MAT 1425 (n,n') Continuum Cross Section -100.0 To 3235. % 14-Si-28



14-Si-28

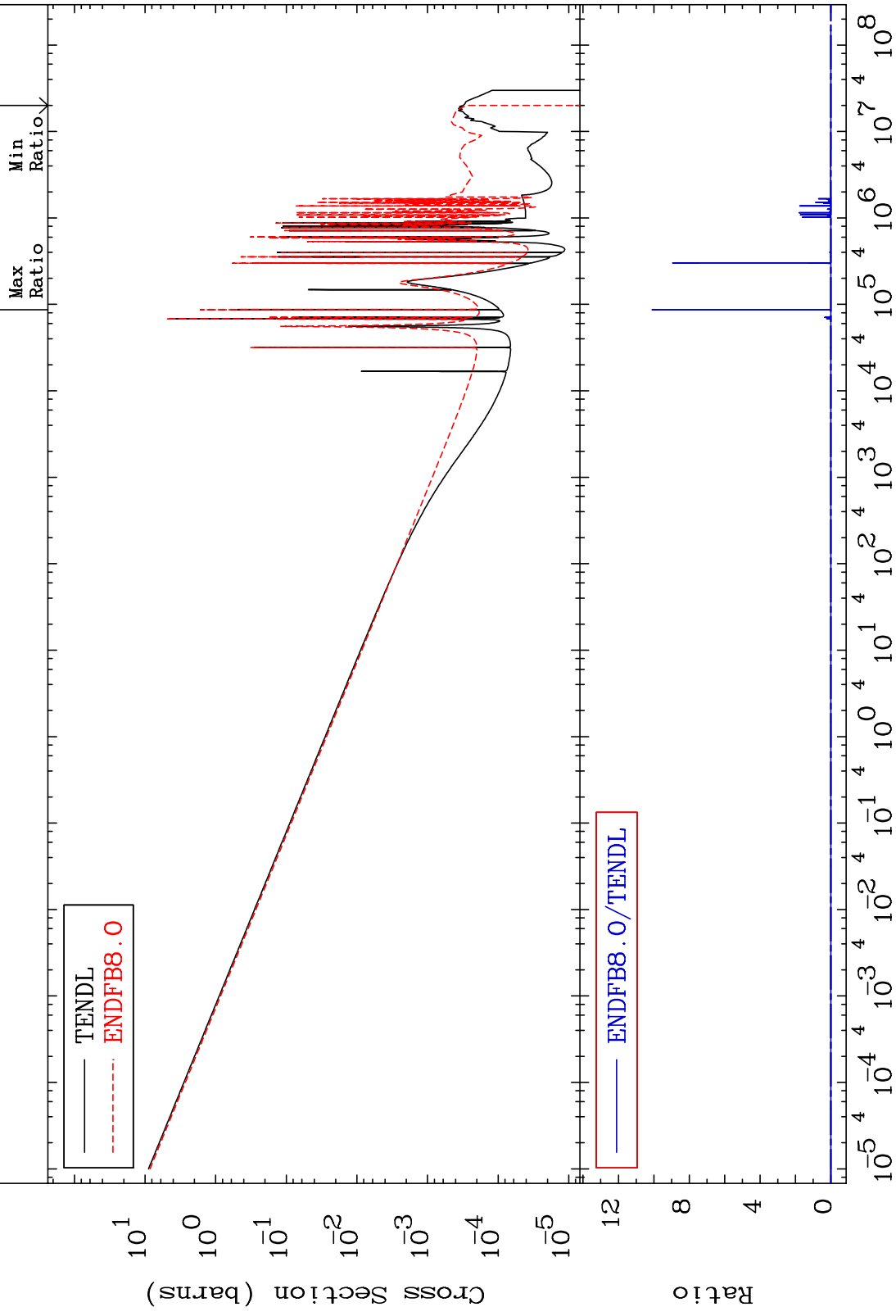
MAT 1425

(n, γ)

14-Si-28

Cross Section

-100.0 To 9999. %

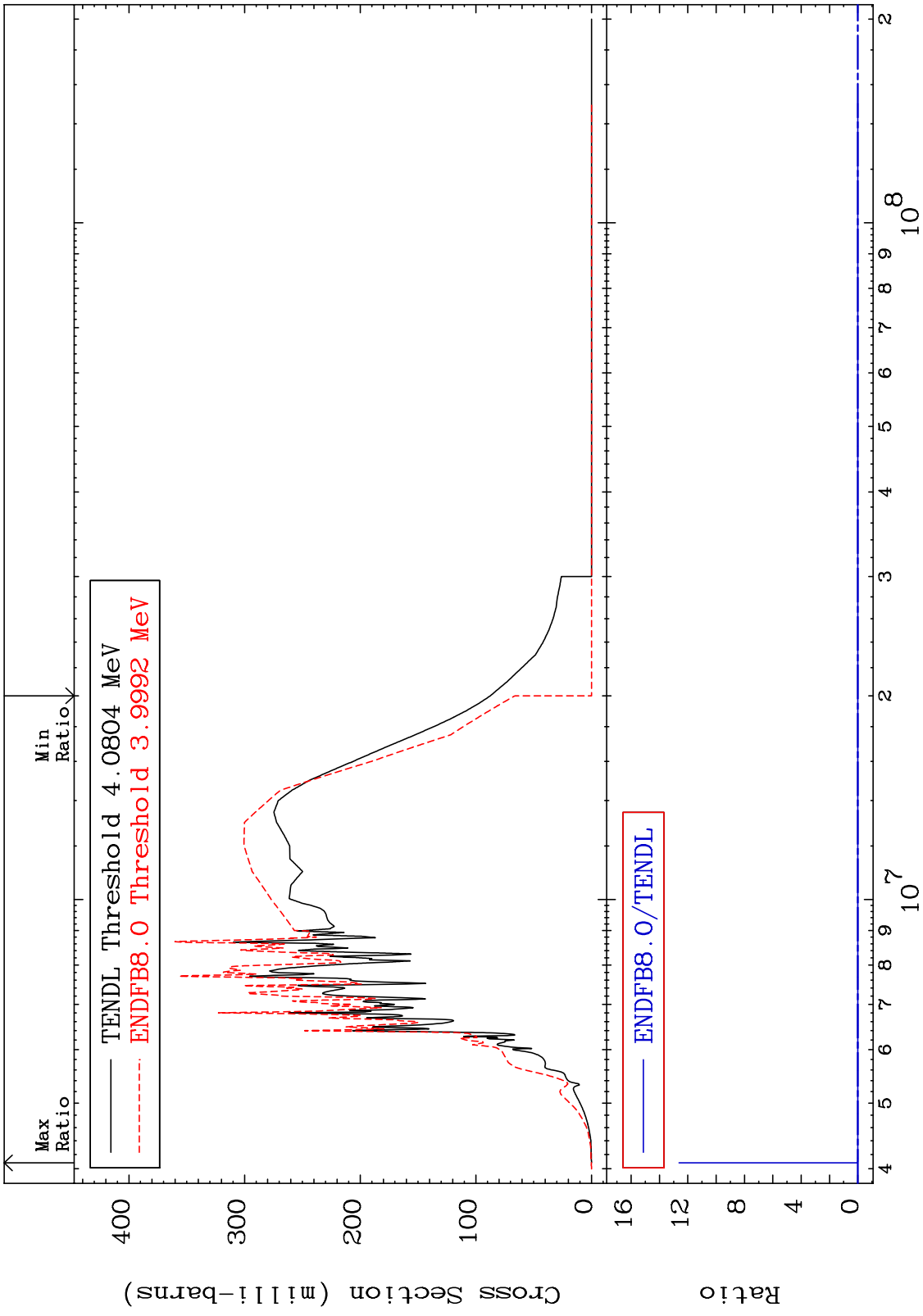


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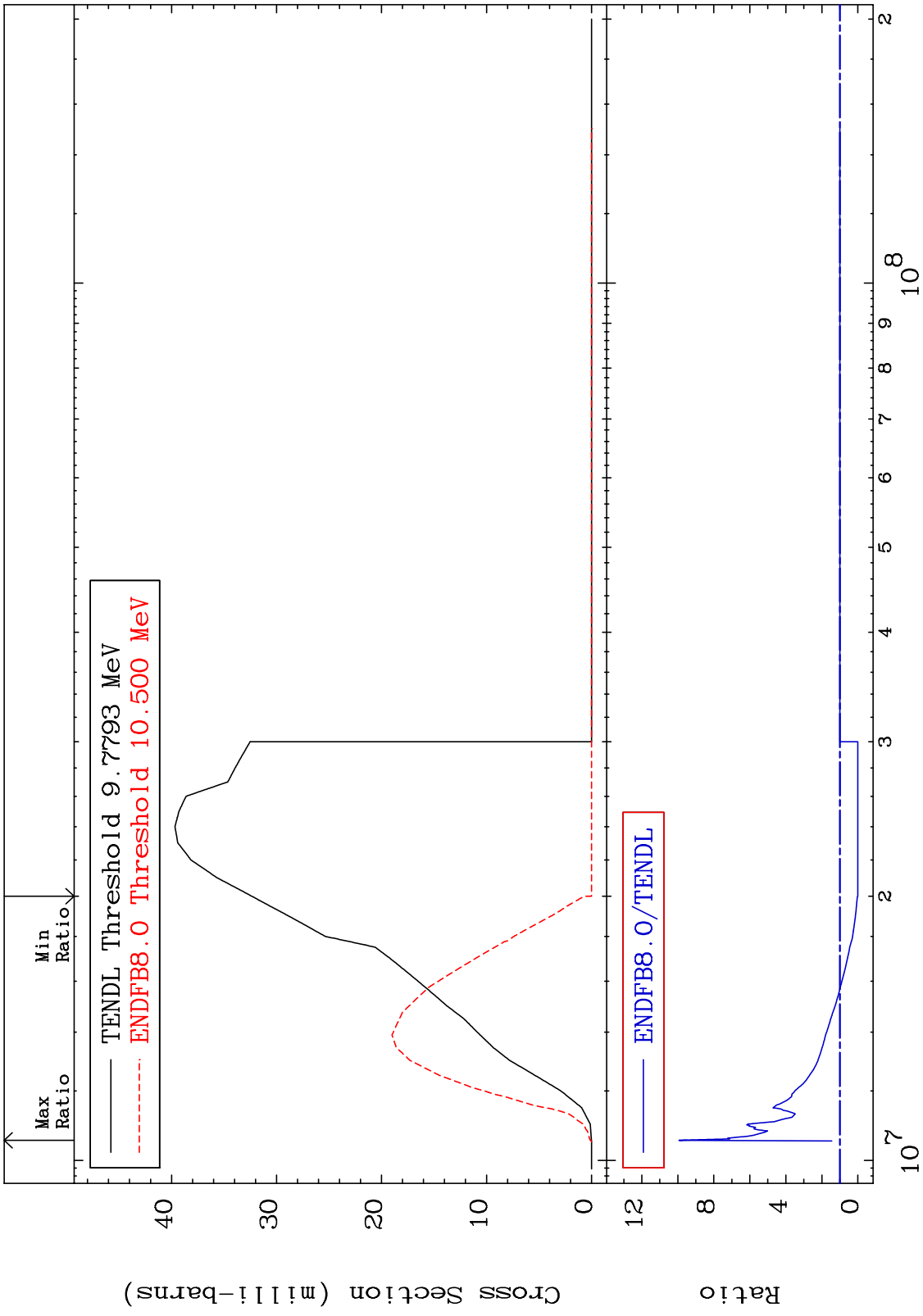
Incident Energy (eV)

14-Si-28

MAT 1425 (n,p) Cross Section 14-Si-28 -100.0 To 9999. %

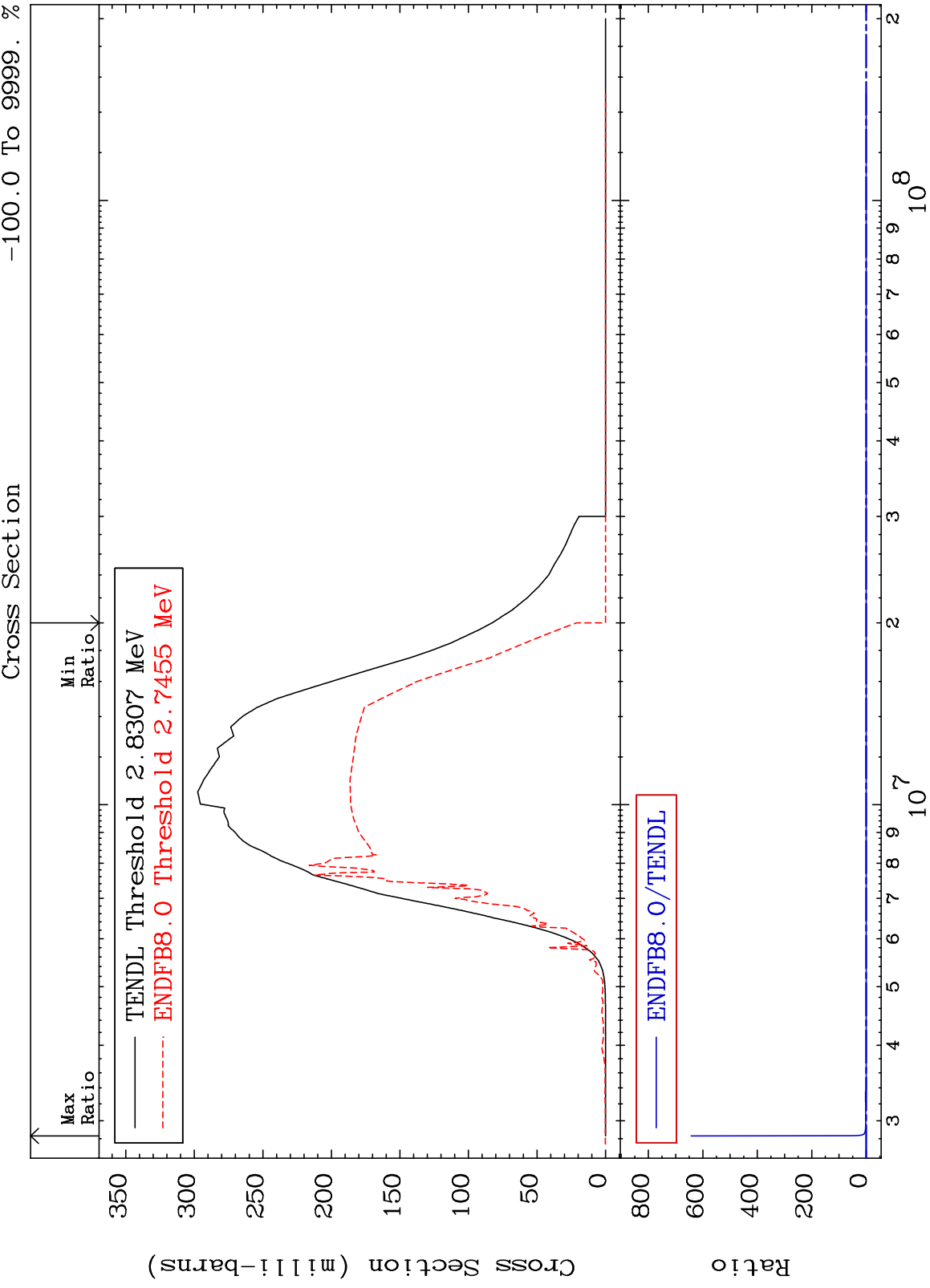


MAT 1425 (n,d) 14-Si-28
Cross Section -100.0 To 893.2 %

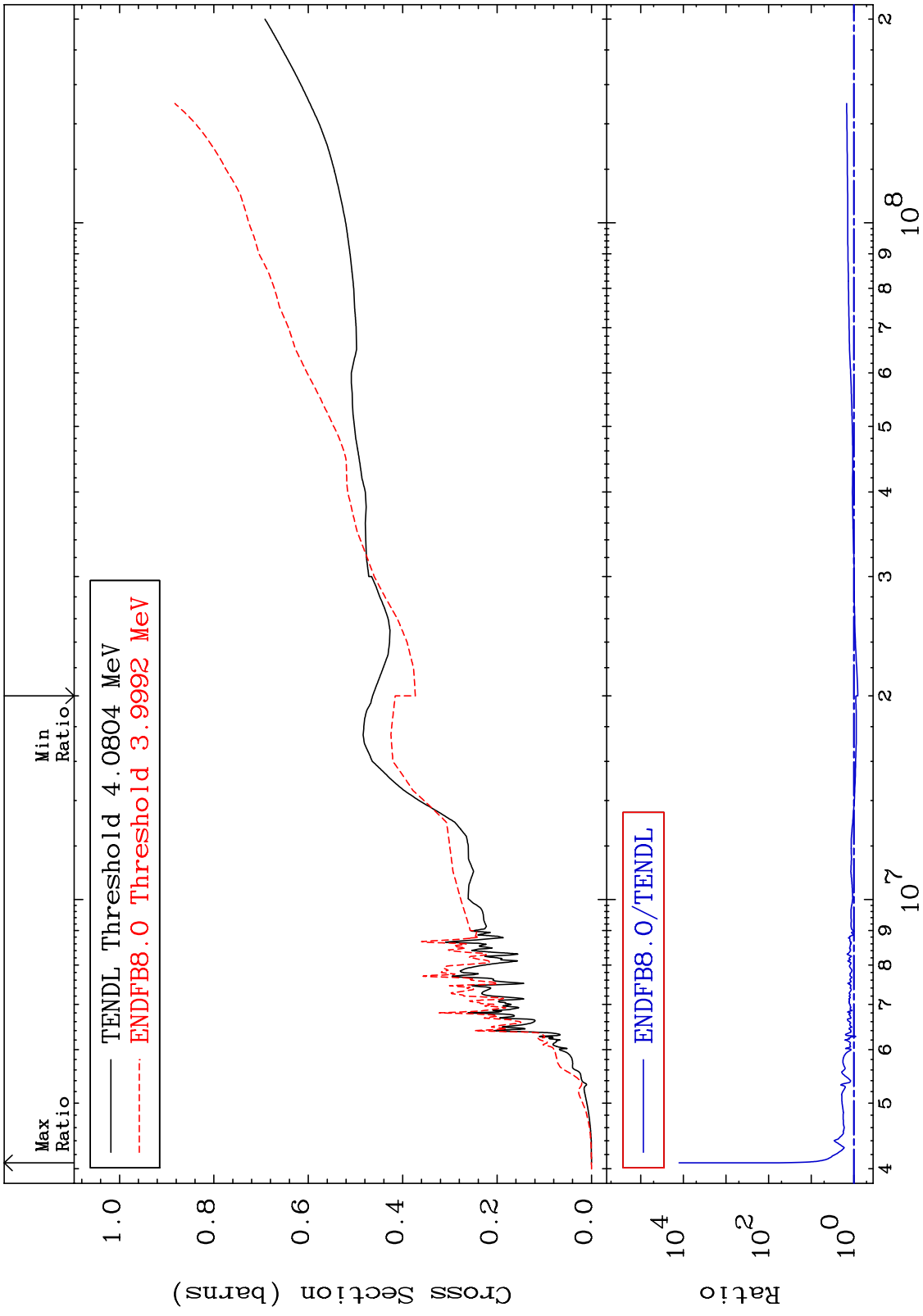


14-Si-28

MAT 1425 (n, α) 14-Si-28 -100.0 To 9999. %

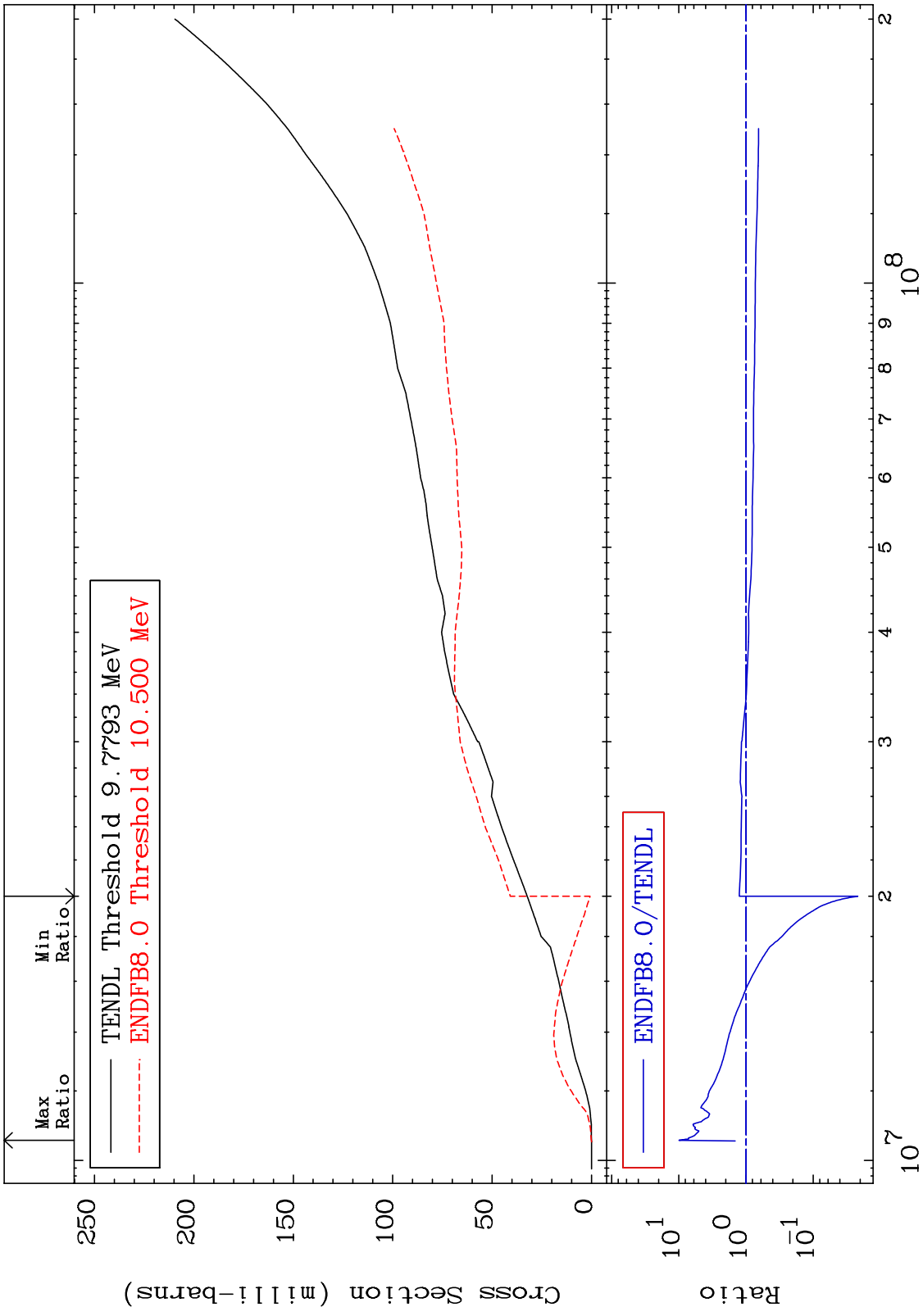


MAT 1425 Hydrogen Production Cross Section 14-Si-28
 -19.55 To 9999. %



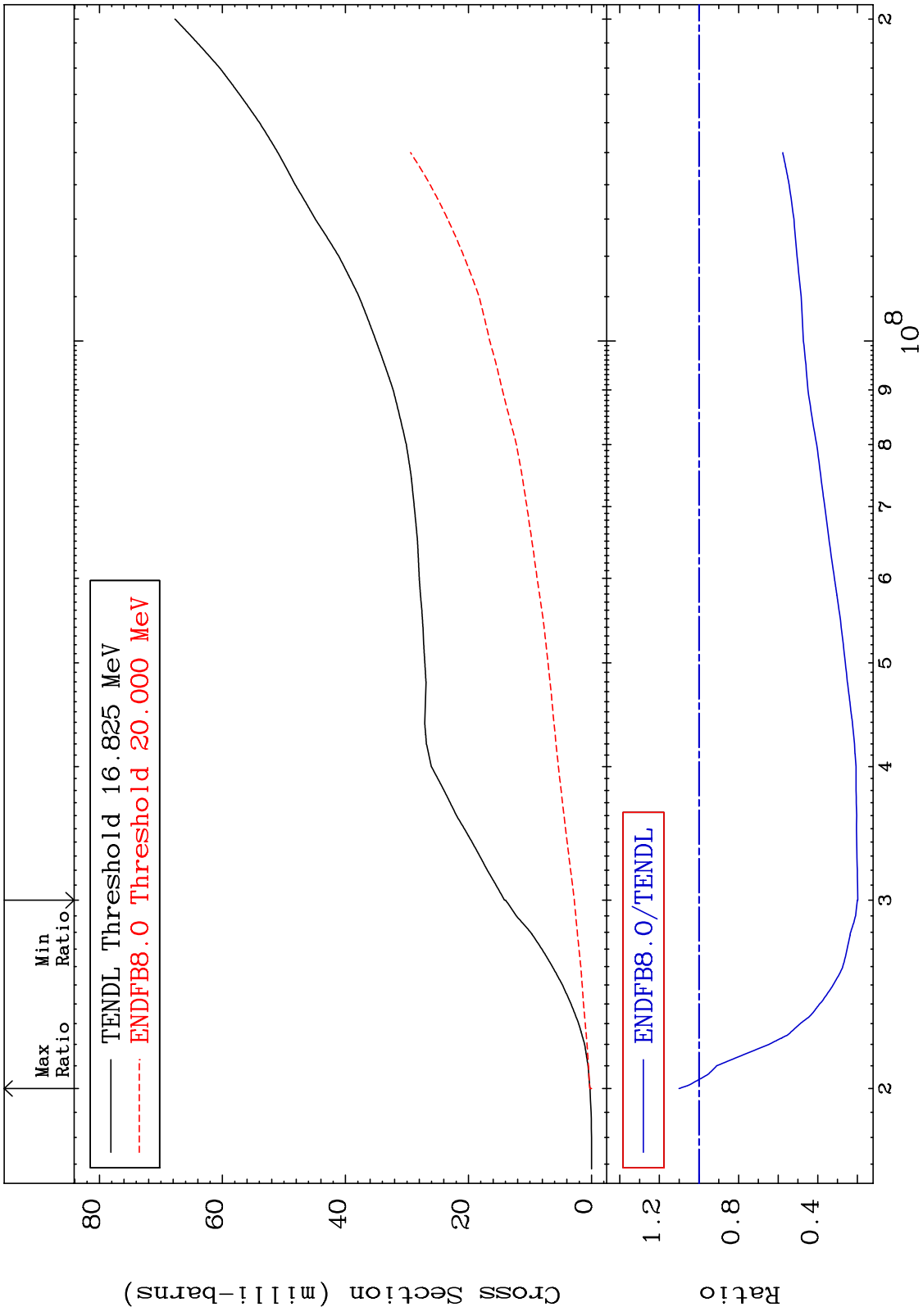
30 Incident Energy (eV) 14-Si-28

MAT 1425 Deuterium Production Cross Section 14-Si-28 -97.84 To 893.2 %

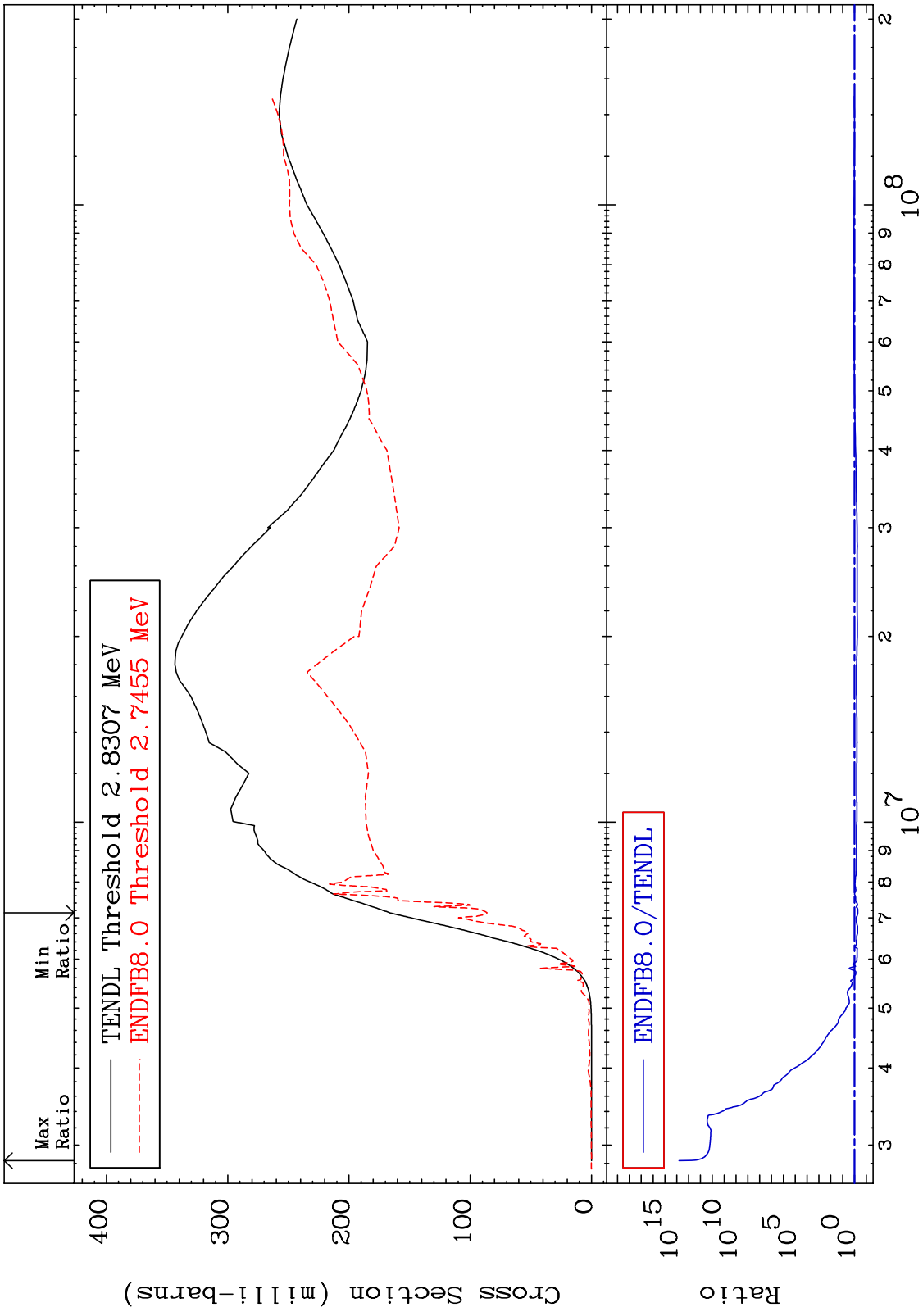


31 14-Si-28

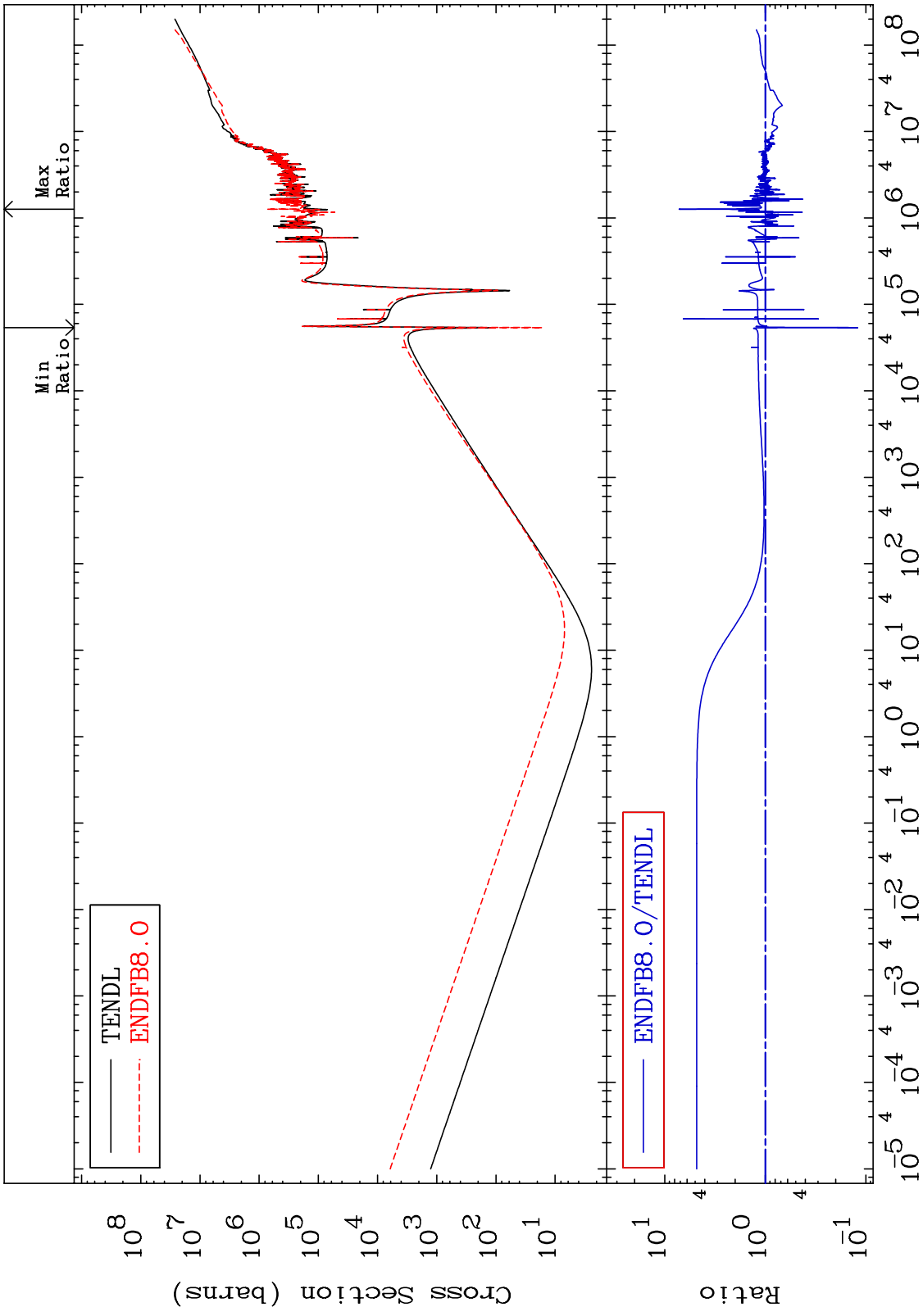
MAT 1425 Tritium Production Cross Section 14-Si-28 -80.24 To 10.07 %



MAT 1425 He-4 Production Cross Section 14-Si-28
 -48.28 To 9999. %



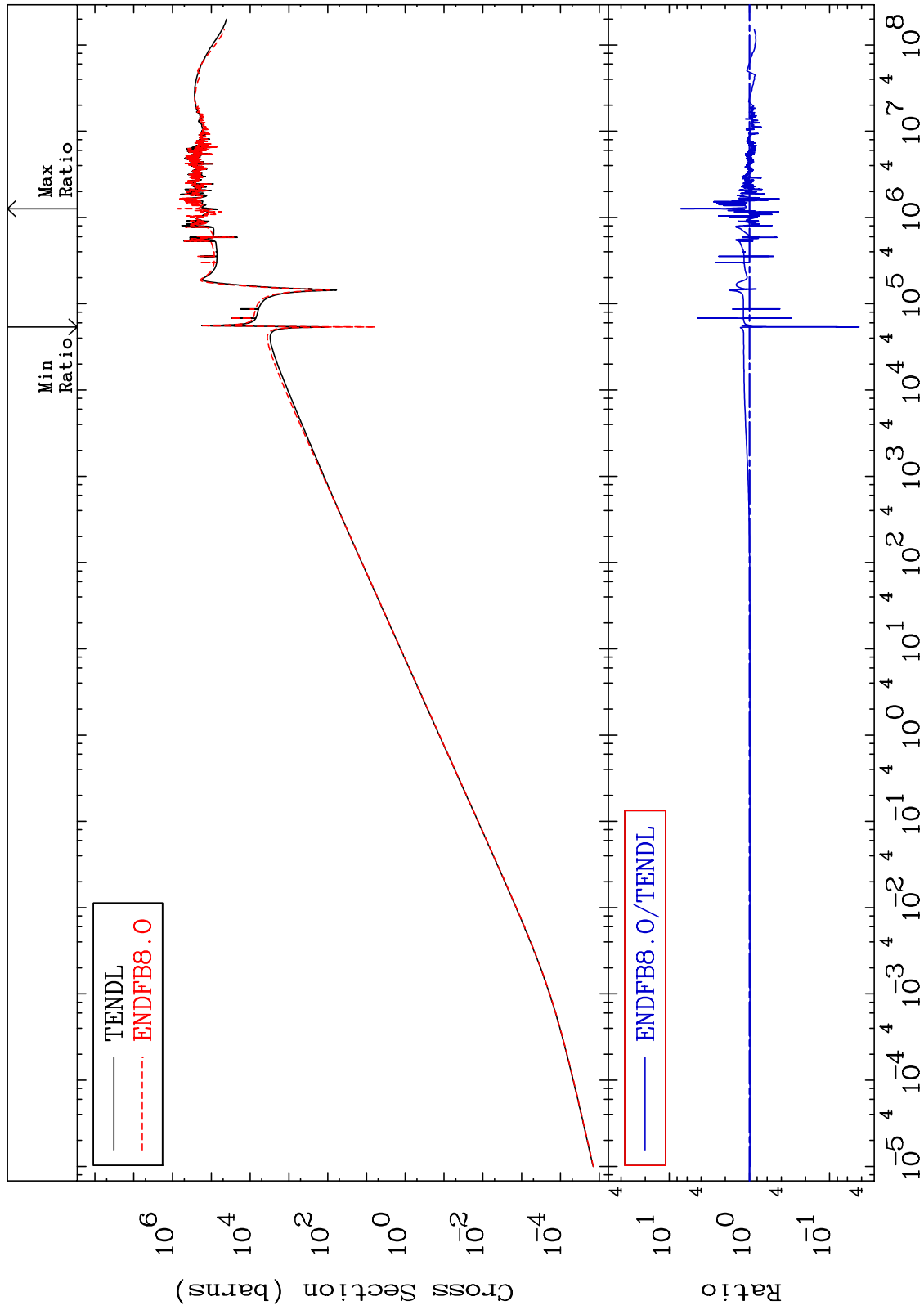
MAT 1425 Kerma total (eV-barns) 14-Si-28
 Cross Section -87.98 To 621.8 %



MAT 1425

Kerma elastic
Cross Section

14-Si-28
-95.70 To 621.4 %

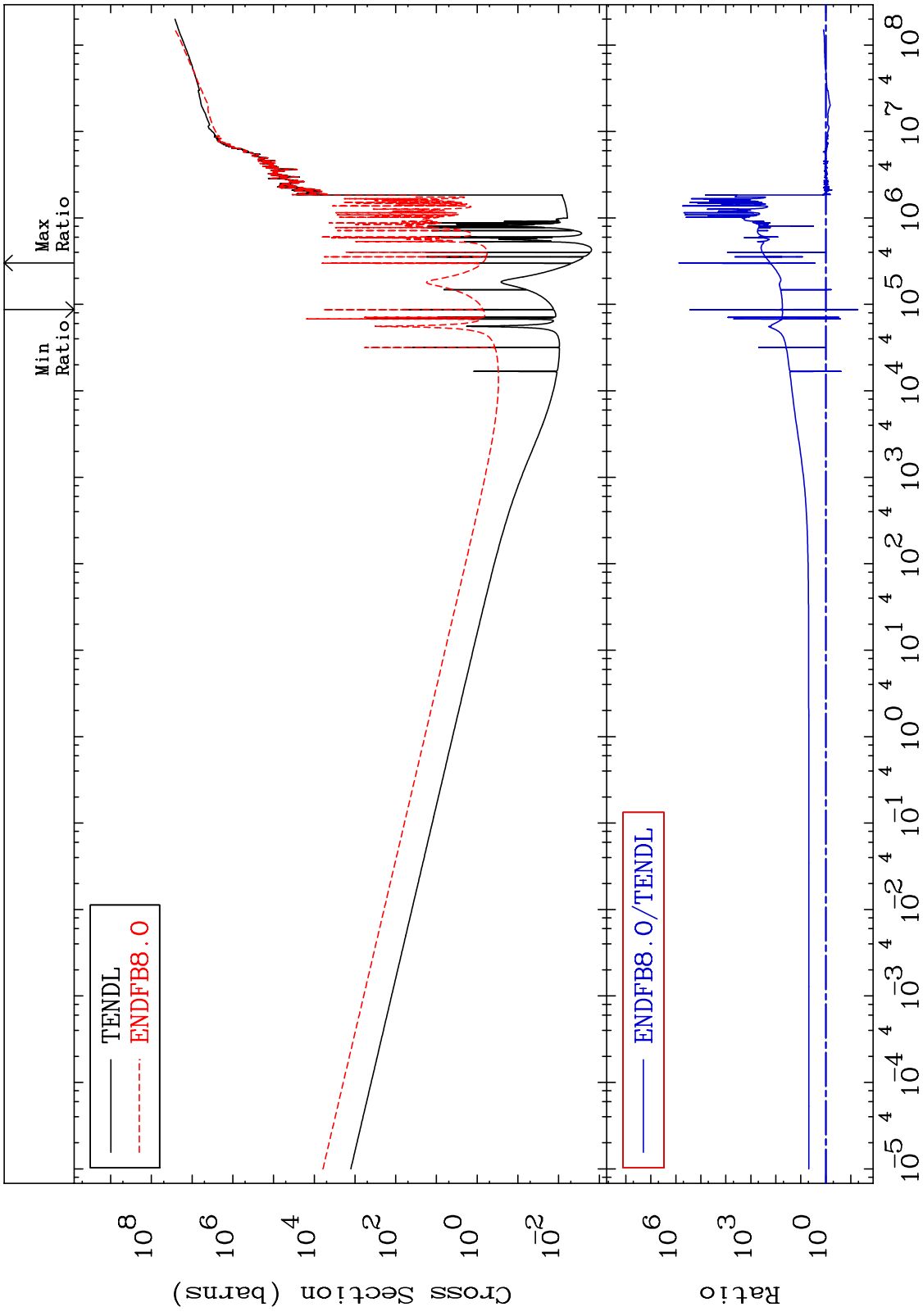


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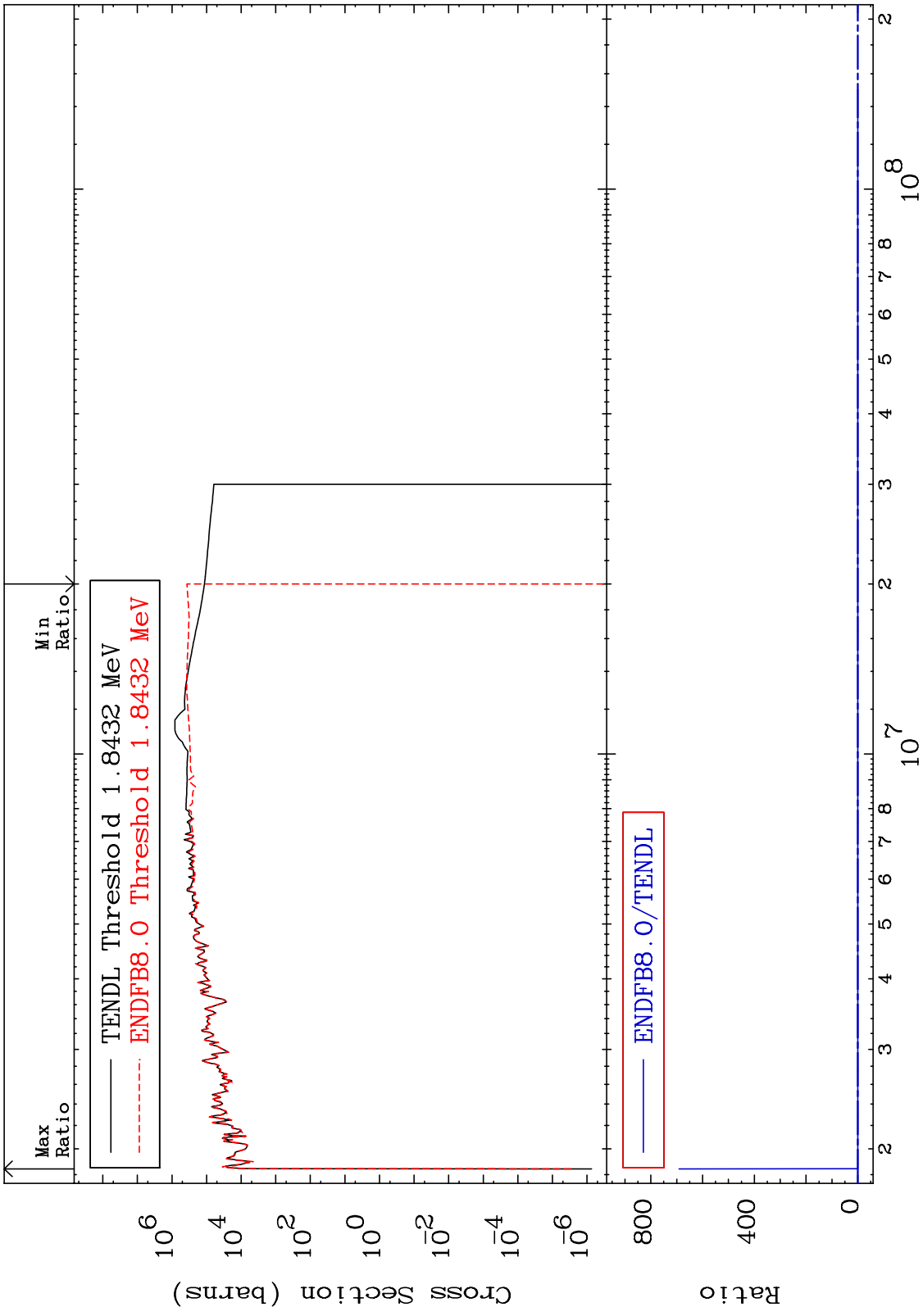
Incident Energy (eV)

14-Si-28

MAT 1425 Kerma non-elastic (all but mt2) 14-Si-28
 Cross Section -94.76 To 9999. %



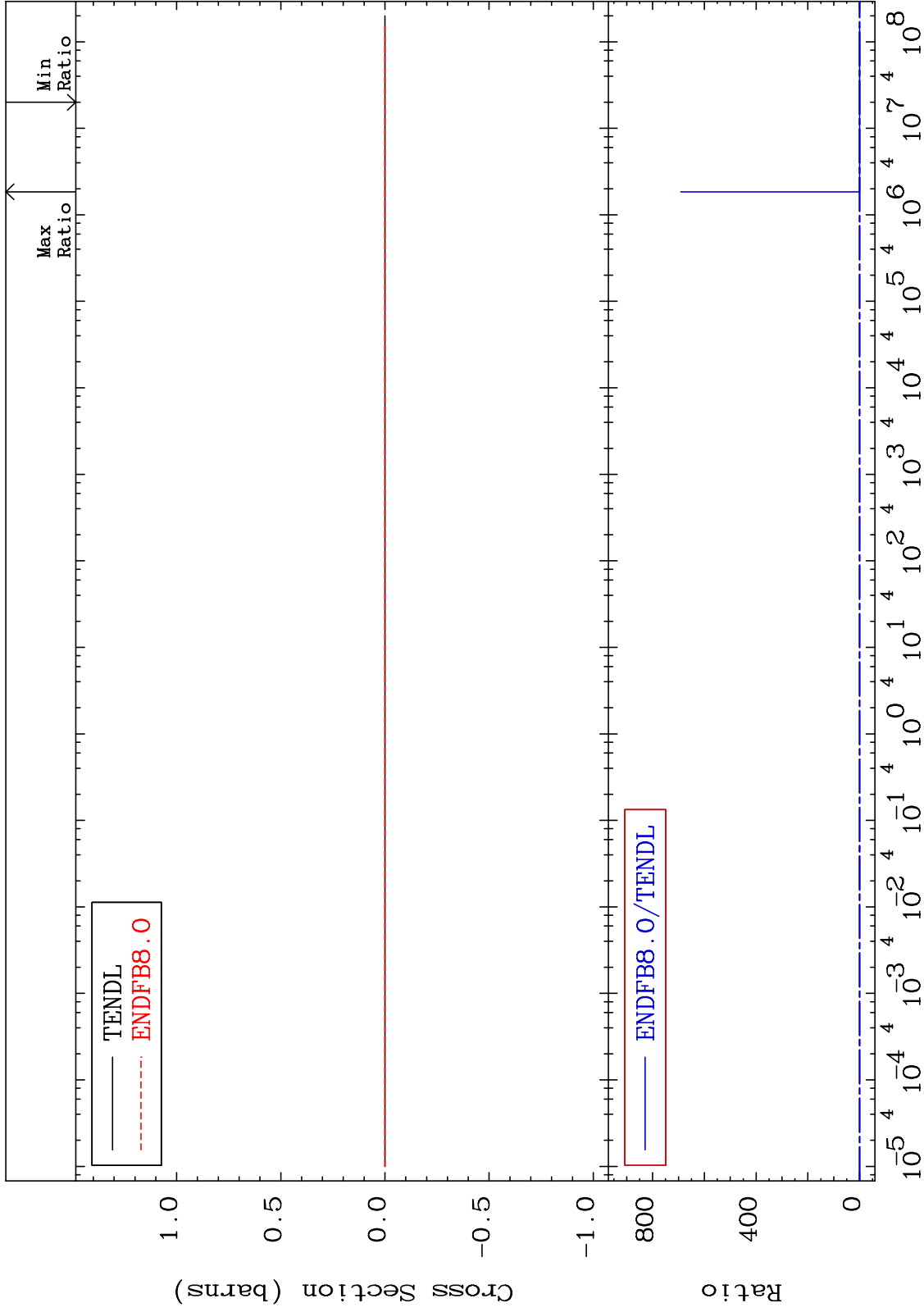
MAT 1425 Kerma inelastic (mt51-91) 14-Si-28
 -100.0 To 9999. %



MAT 1425

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

14-Si-28
-100.0 To 9999. %

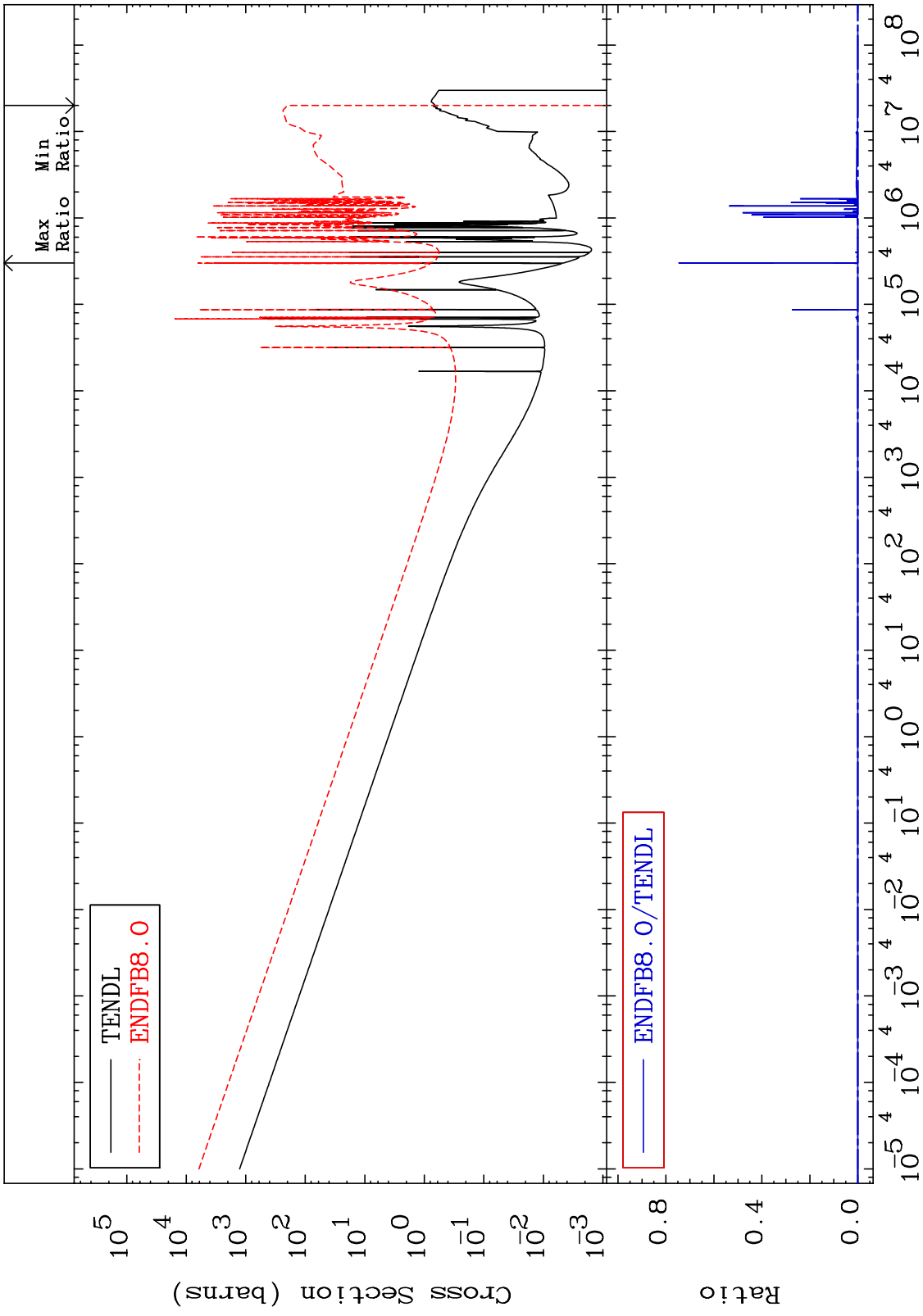


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Incident Energy (eV)

14-Si-28

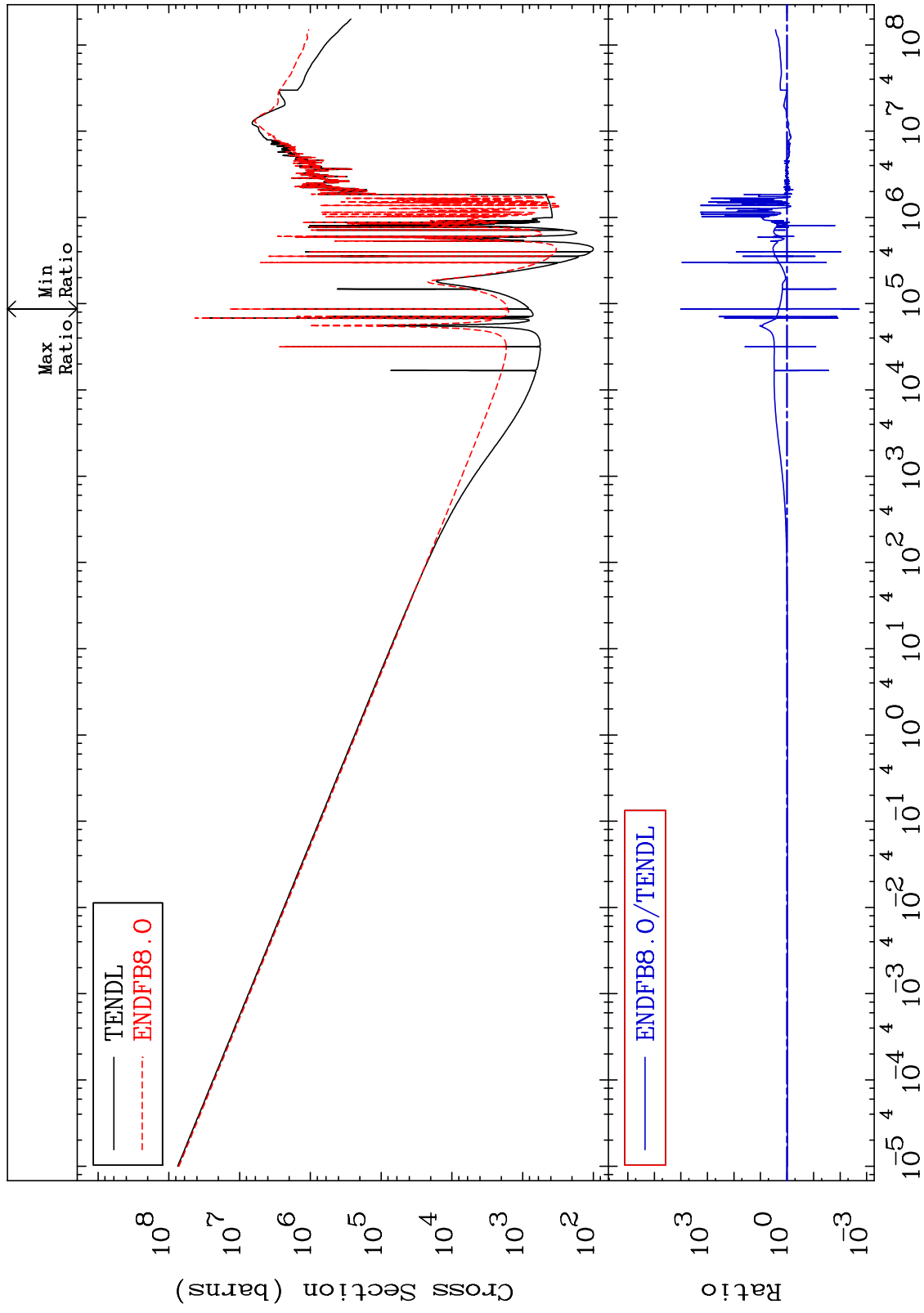
MAT 1425 14-Si-28
 Kerma capture (mt102)
 Cross Section
 -100.0 To 9999. %



MAT 1425

Total photon (eV-barns)
Cross Section

14-Si-28
-99.81 To 9999. %

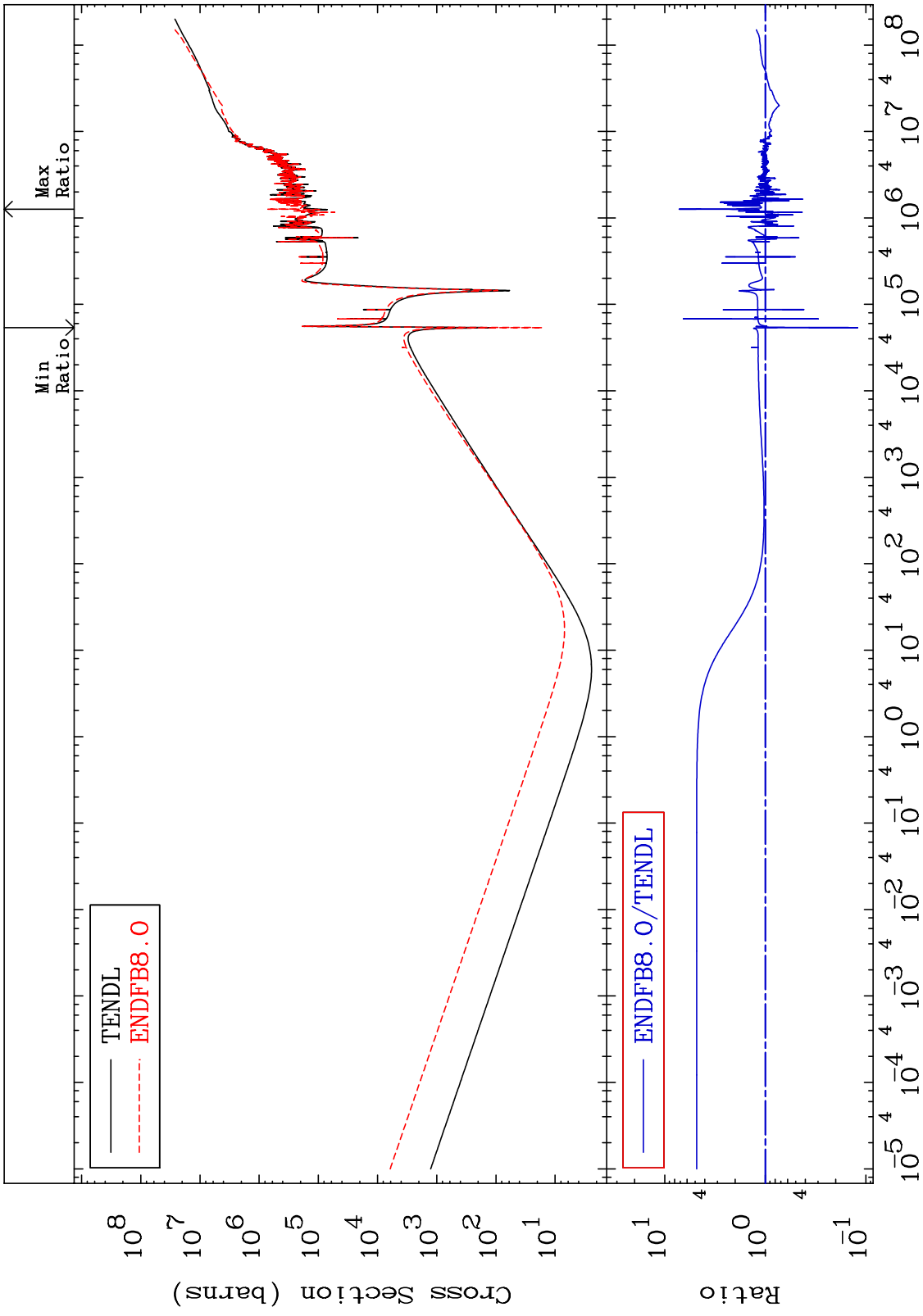


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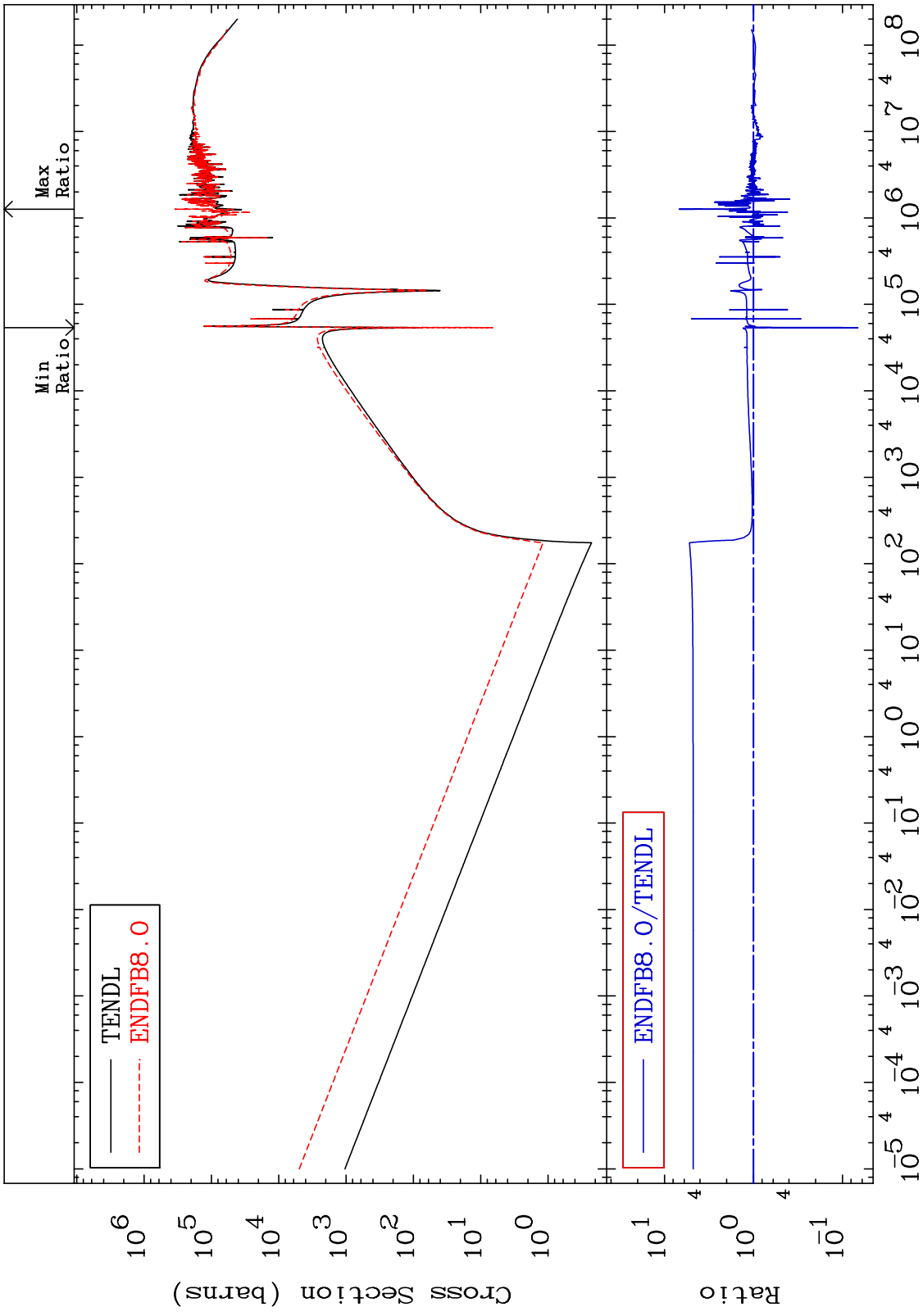
Incident Energy (eV)

14-Si-28

MAT 1425 Total kinematic kerma (high limit) 14-Si-28
 Cross Section -87.98 To 621.8 %



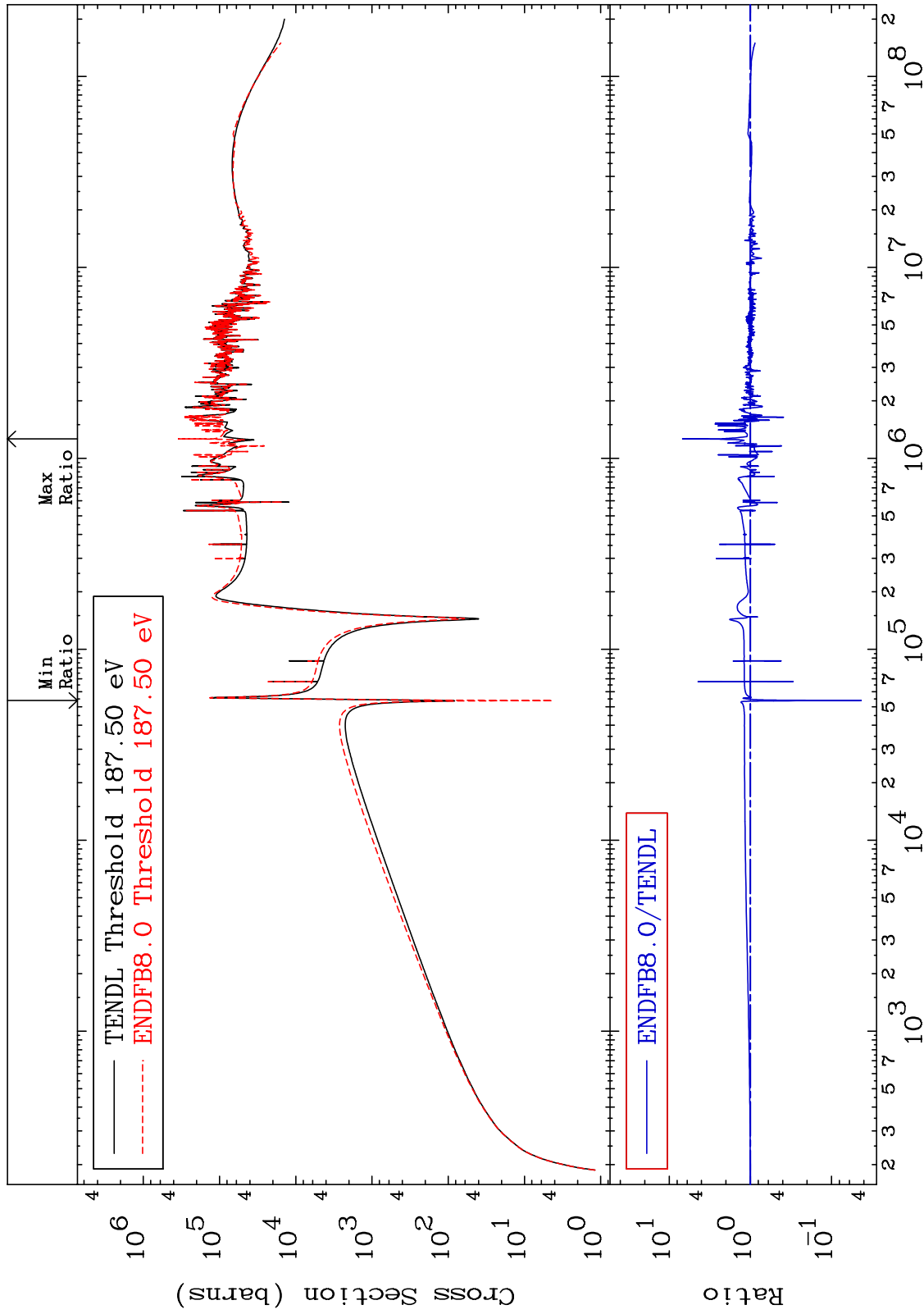
MAT 1425 Dpa total (eV-barns) 14-Si-28
 Cross Section -93.30 To 586.1 %



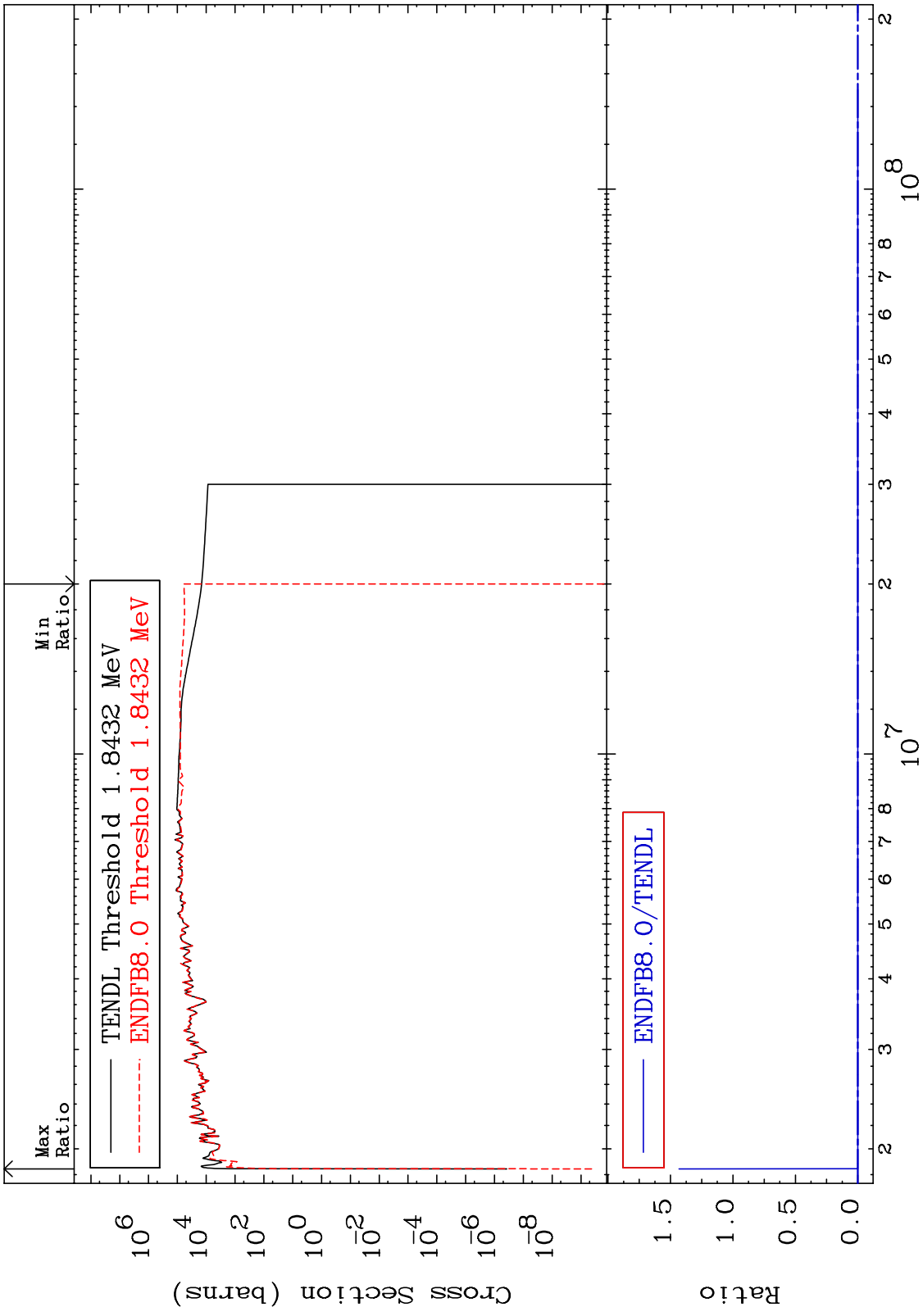
MAT 1425

Dpa elastic (mt2)
Cross Section

14-Si-28
-95.70 To 586.1 %



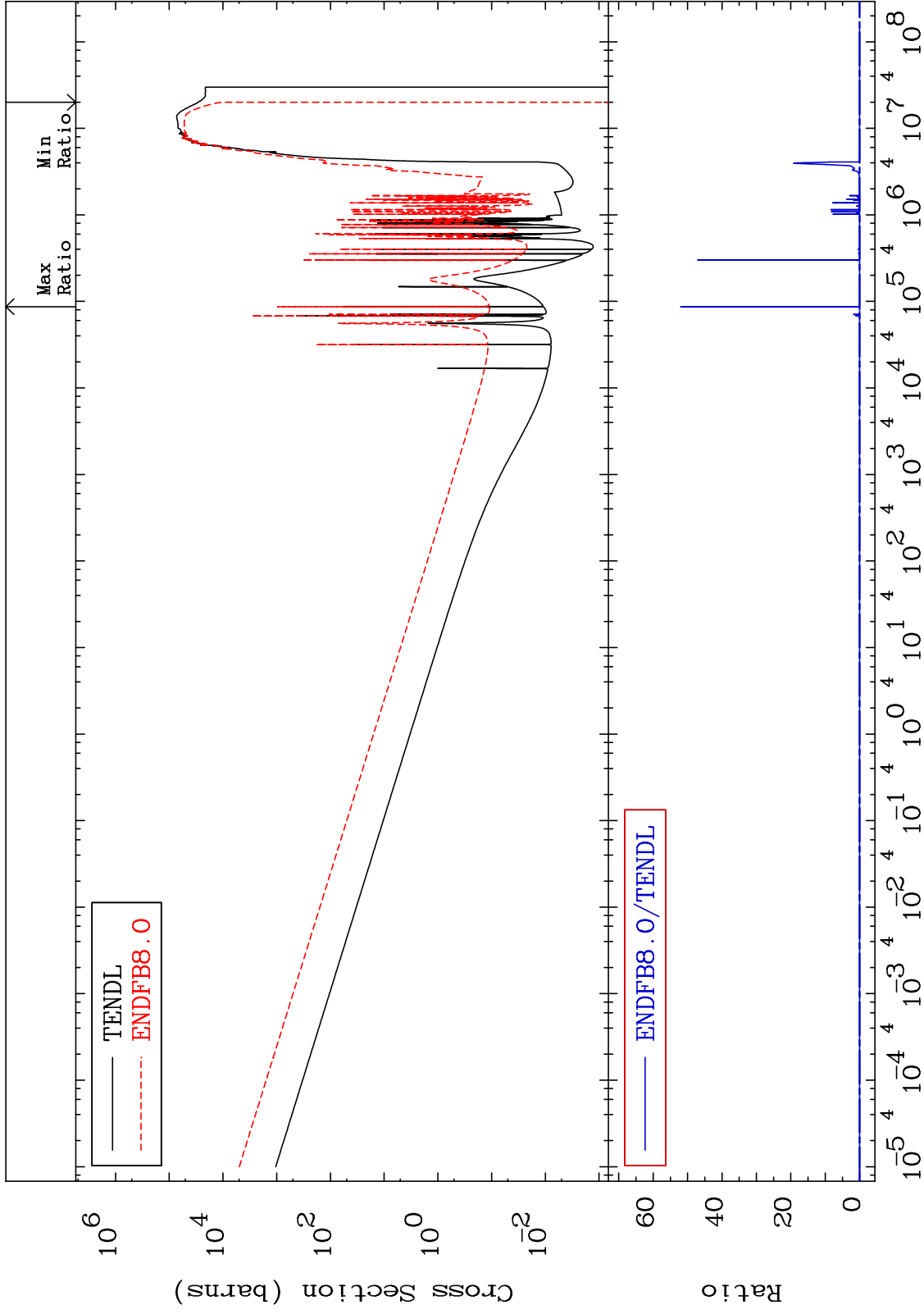
MAT 1425 Dpa inelastic (mt51-91) 14-Si-28
 Cross Section -100.0 To 9999. %



MAT 1425

Dpa disappearance (mt102 -120)
Cross Section

14-Si-28
-100.0 To 9999. %



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Incident Energy (eV)

14-Si-28