

Program Complot
(Version 2021-1)

by

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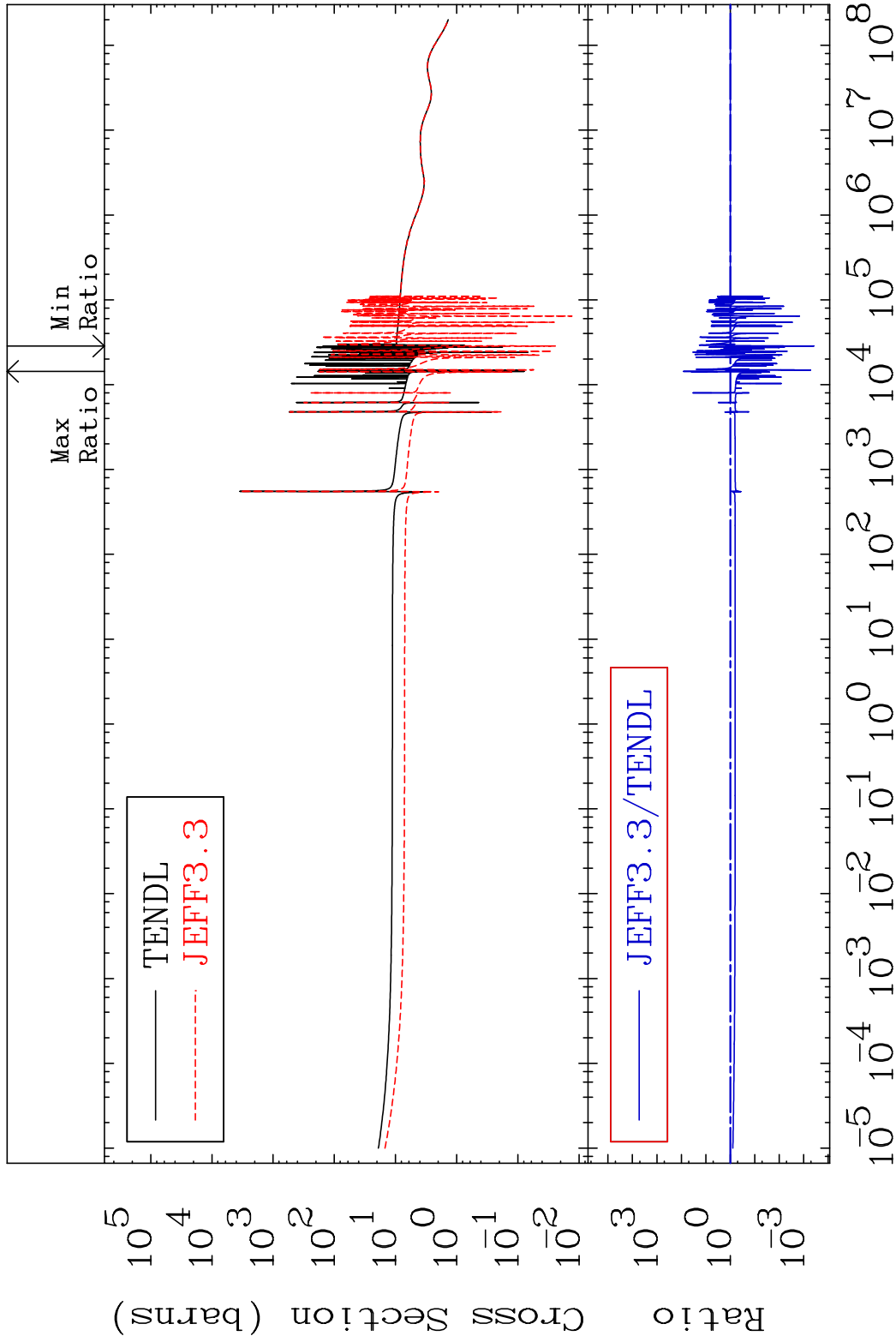
Press Mouse Button to Start

MAT 3243

Total

32-Ge-76

Cross Section -99.96 To 8094. %

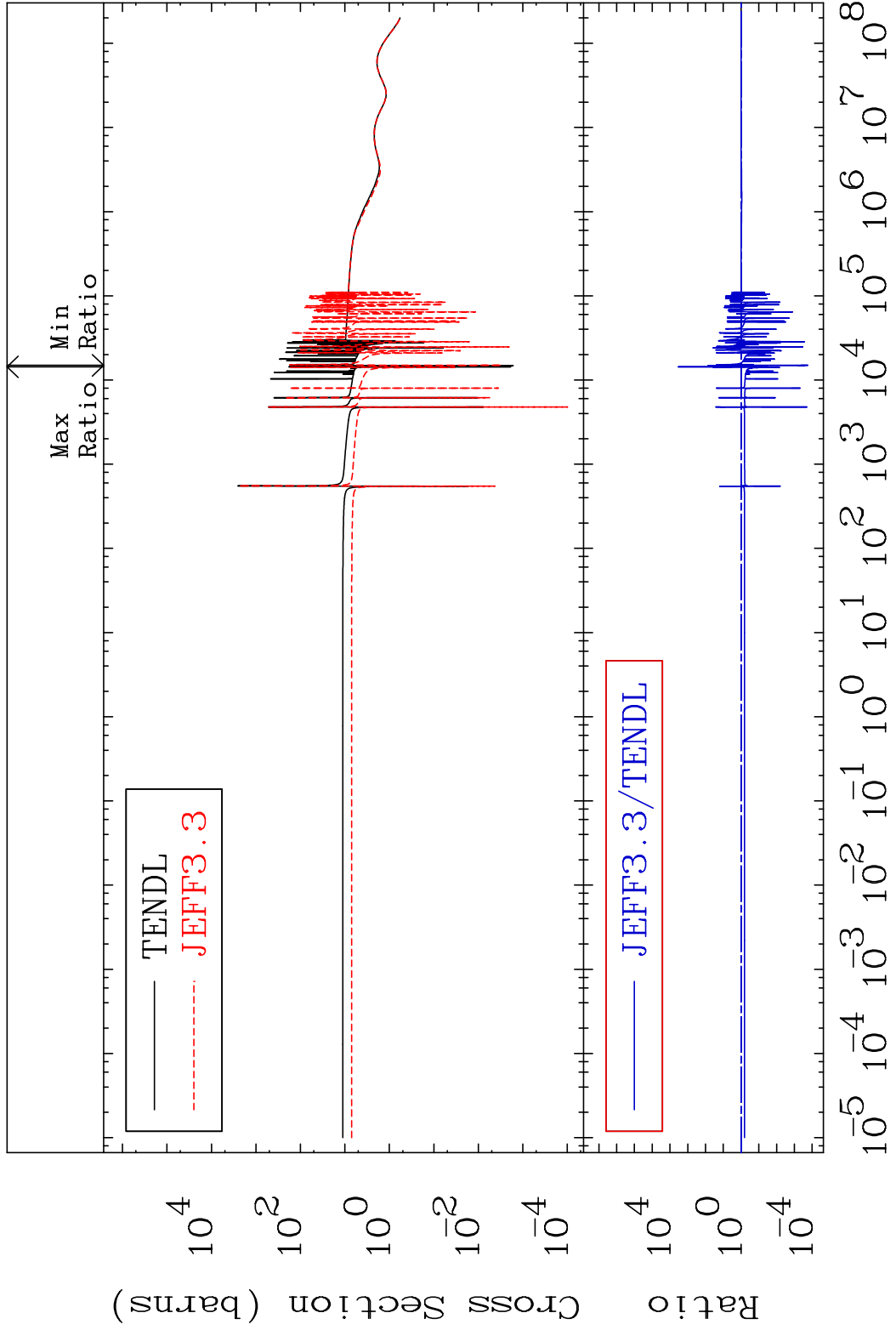


1

Incident Energy (eV)

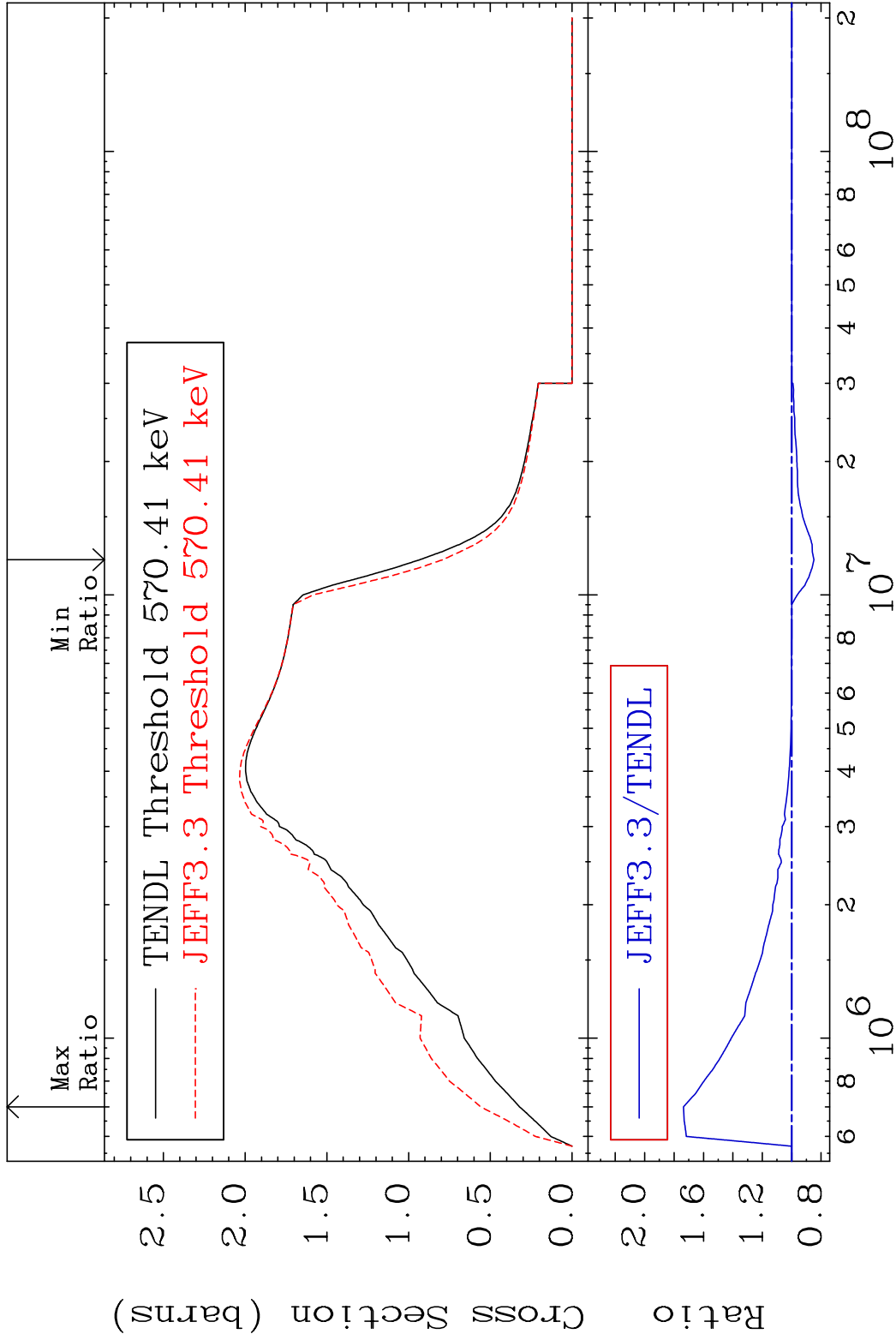
32-Ge-76

MAT 3243 Elastic 32-Ge-76
 Cross Section -99.98 To 9999. %



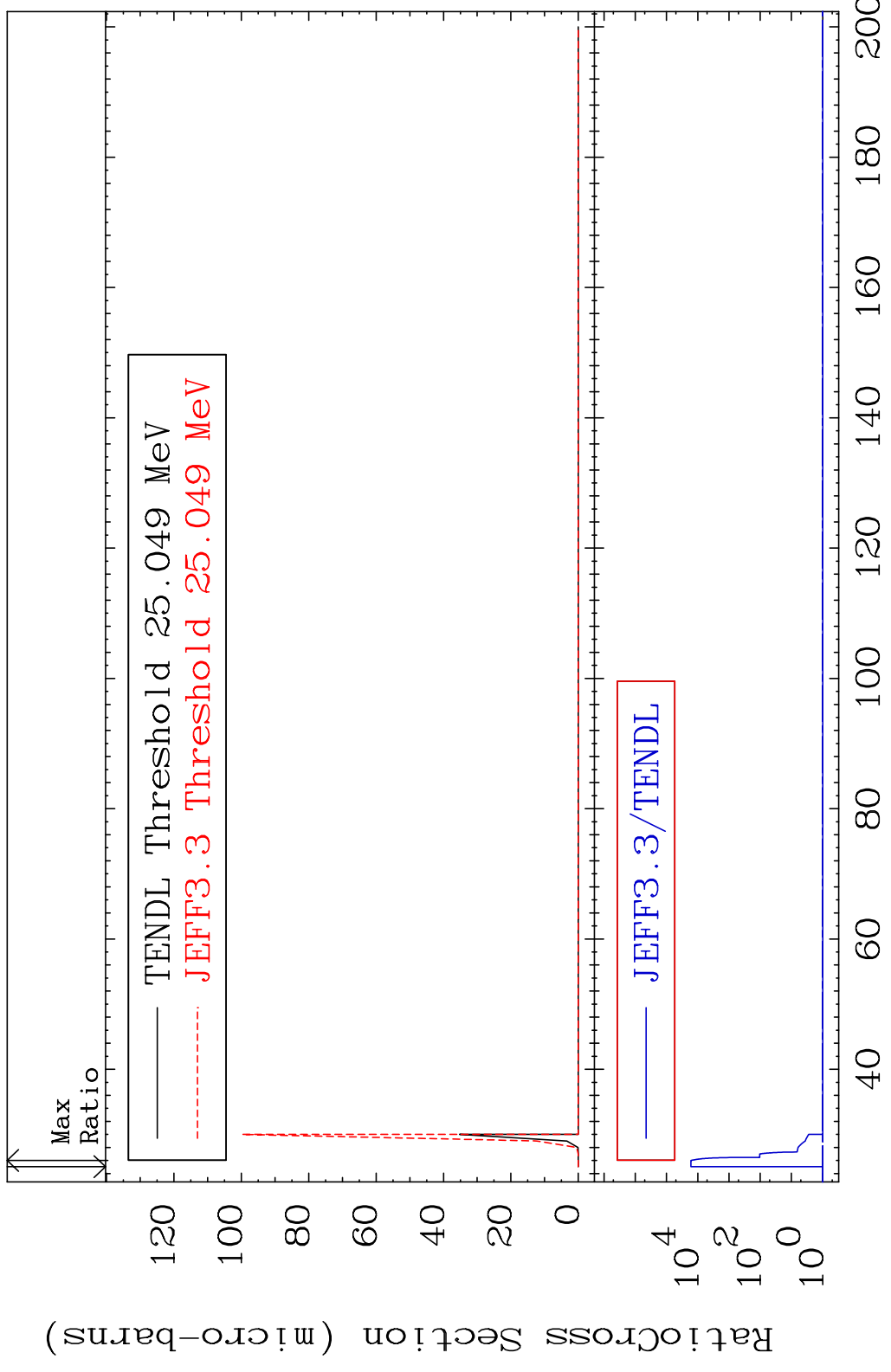
2 Incident Energy (eV) 32-Ge-76

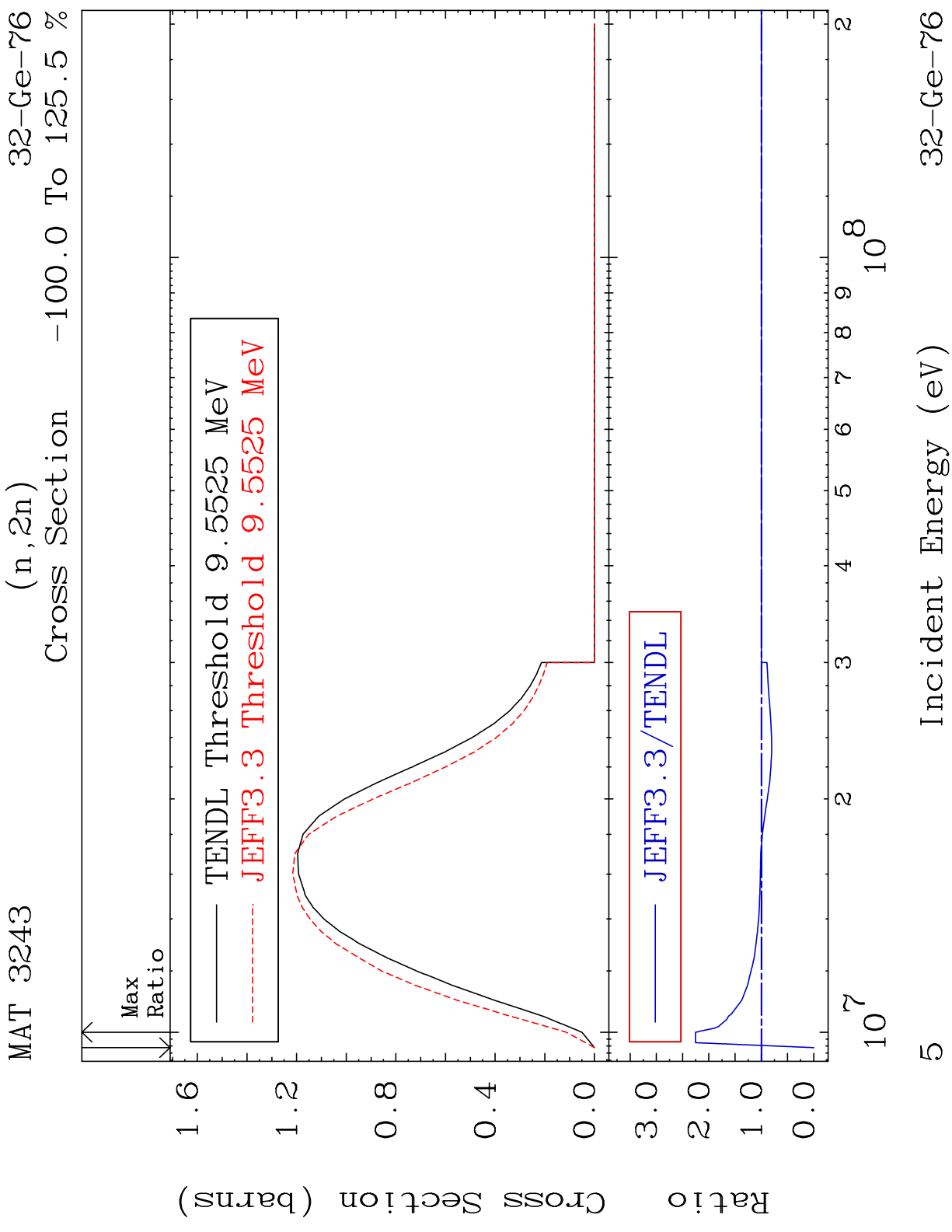
MAT 3243 Inelastic Cross Section -15.10 To 73.62 % ³²Ge-76



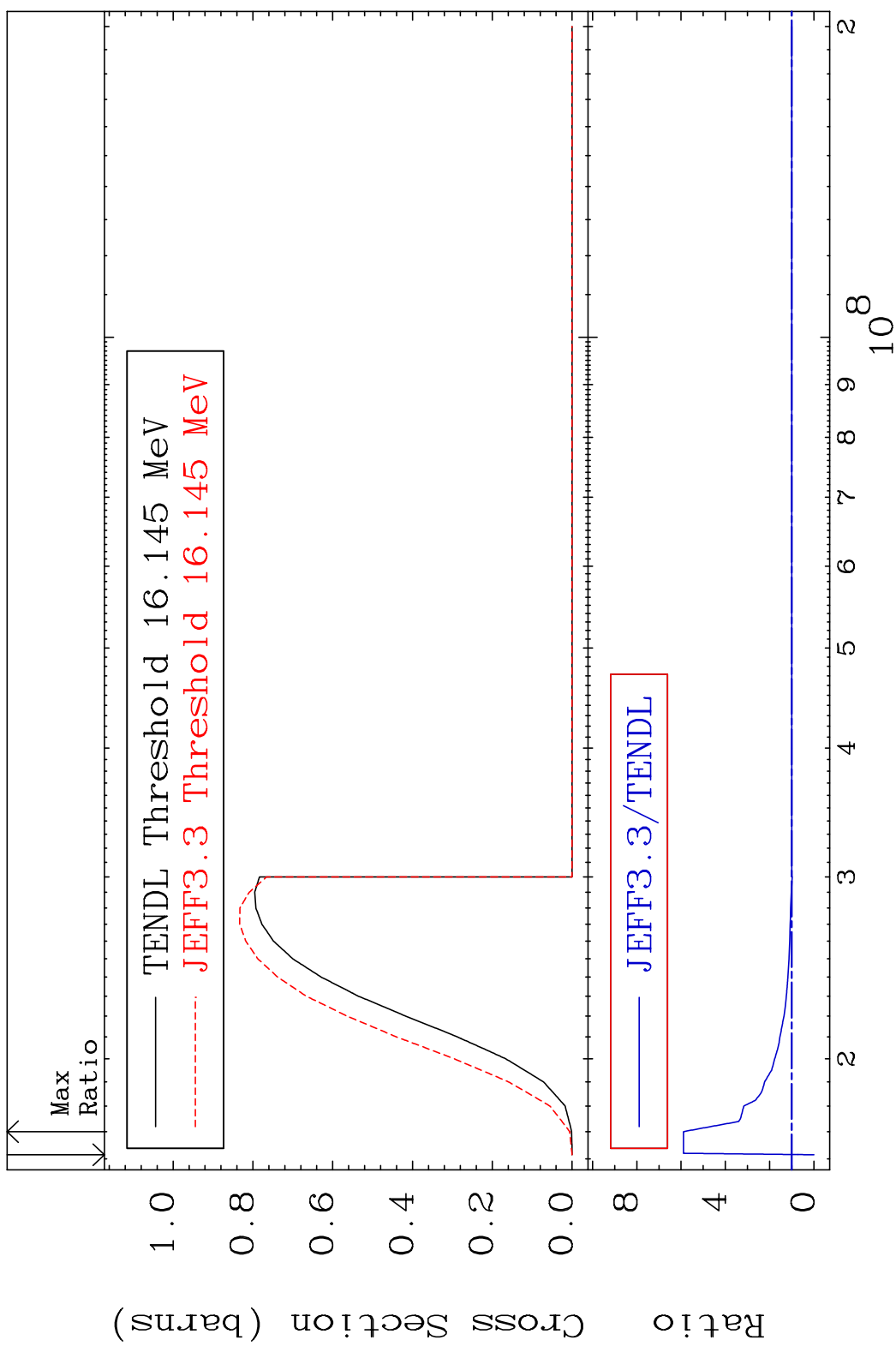
3 Incident Energy (eV) ³²Ge-76

MAT 3243 (n, 2n) d 32-Ge-76
 Cross Section 0.000 To 9999. %





MAT 3243 (n,3n) 32-Ge-76
 Cross Section -100.0 To 489.3 %

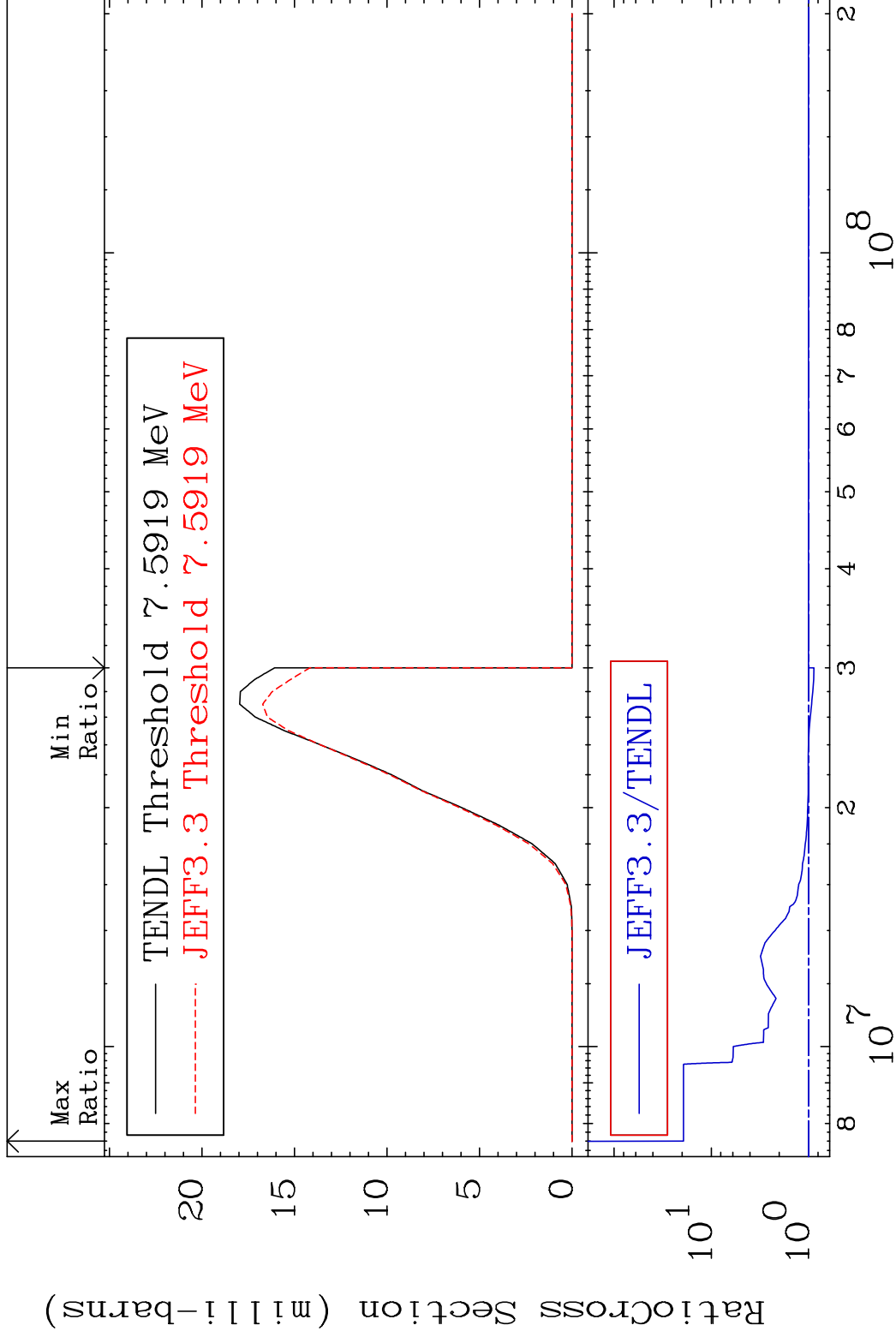


MAT 3243

(n, n') α

32-Ge-76

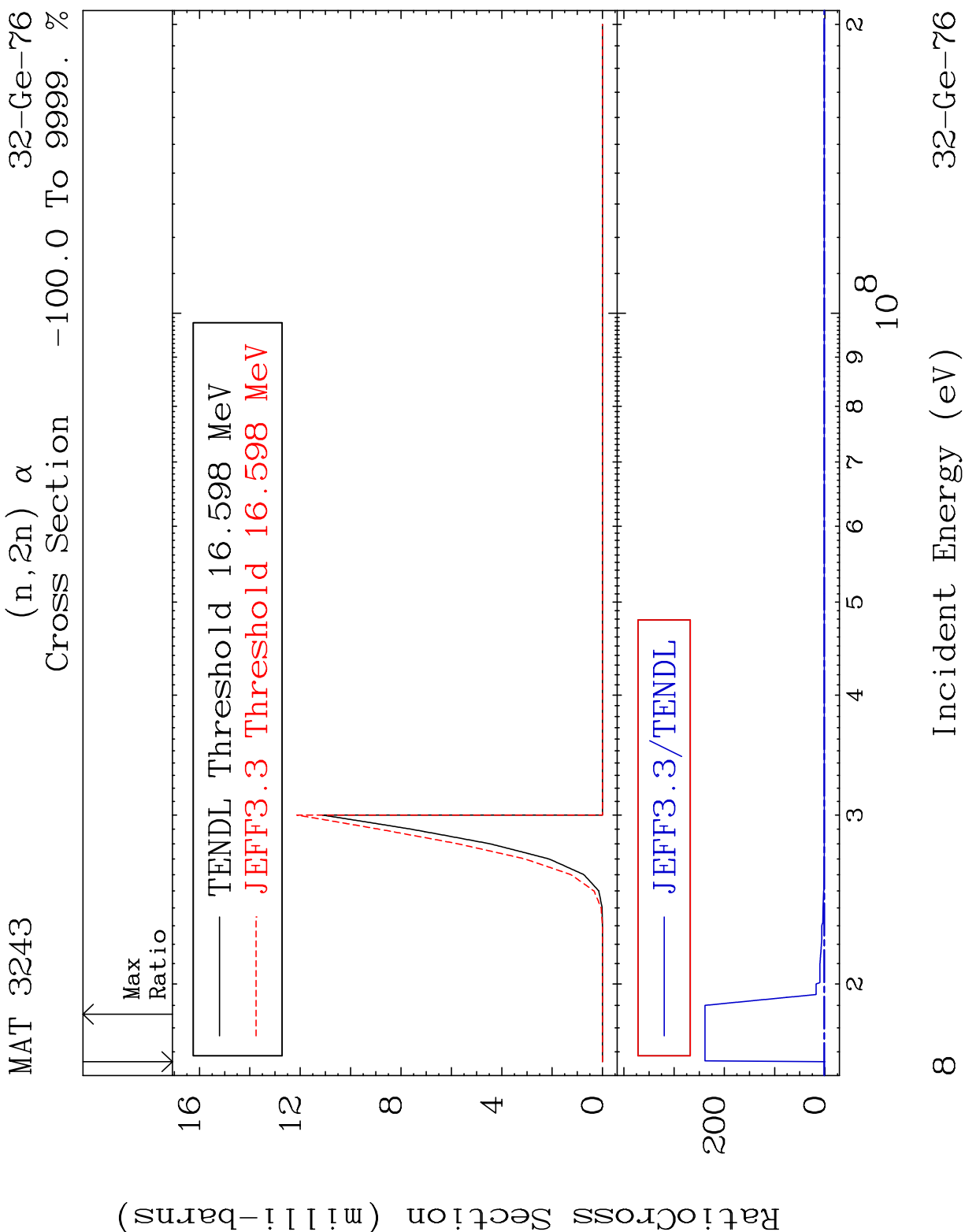
Cross Section -11.84 To 1836. %



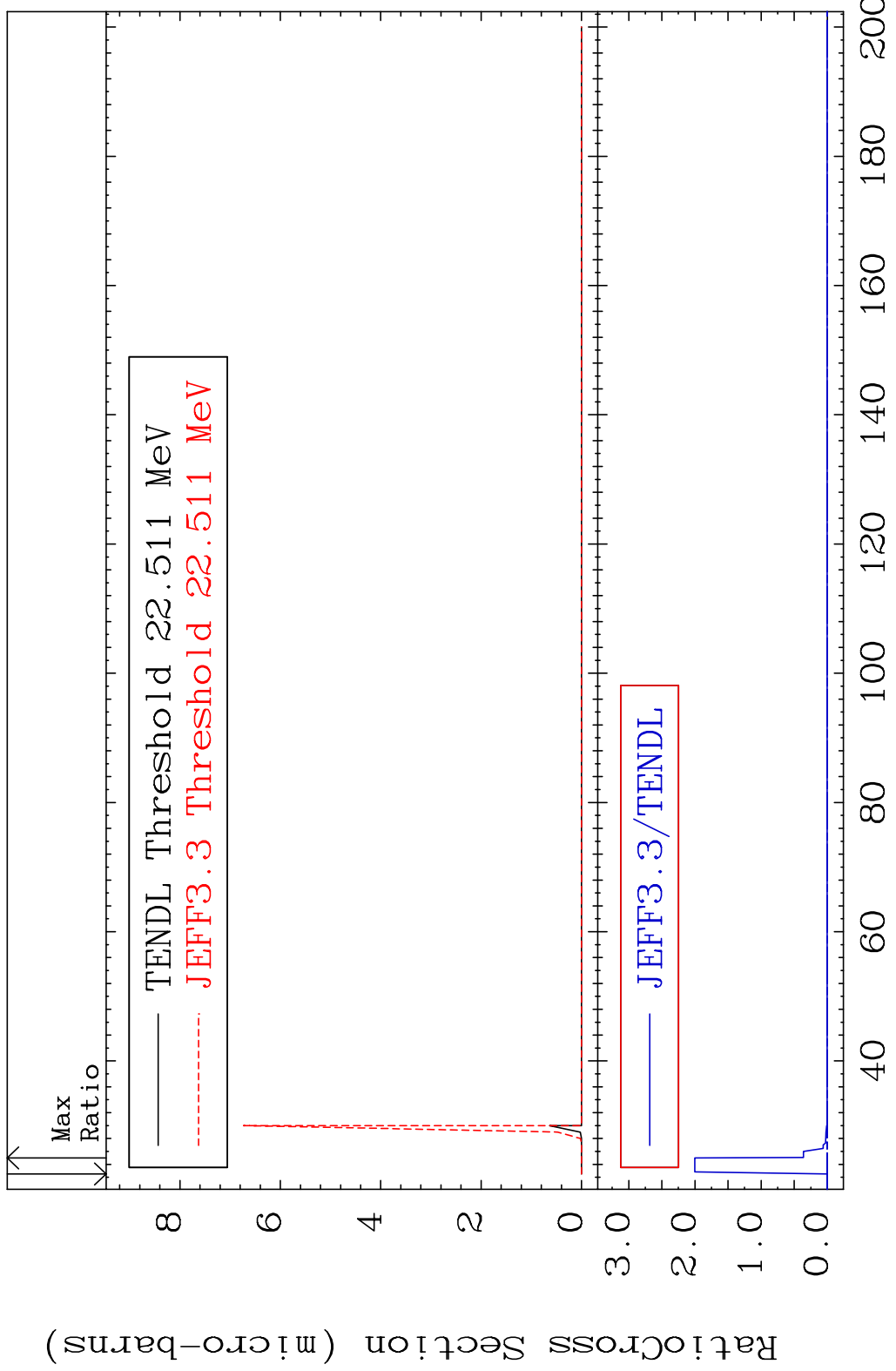
7

Incident Energy (eV)

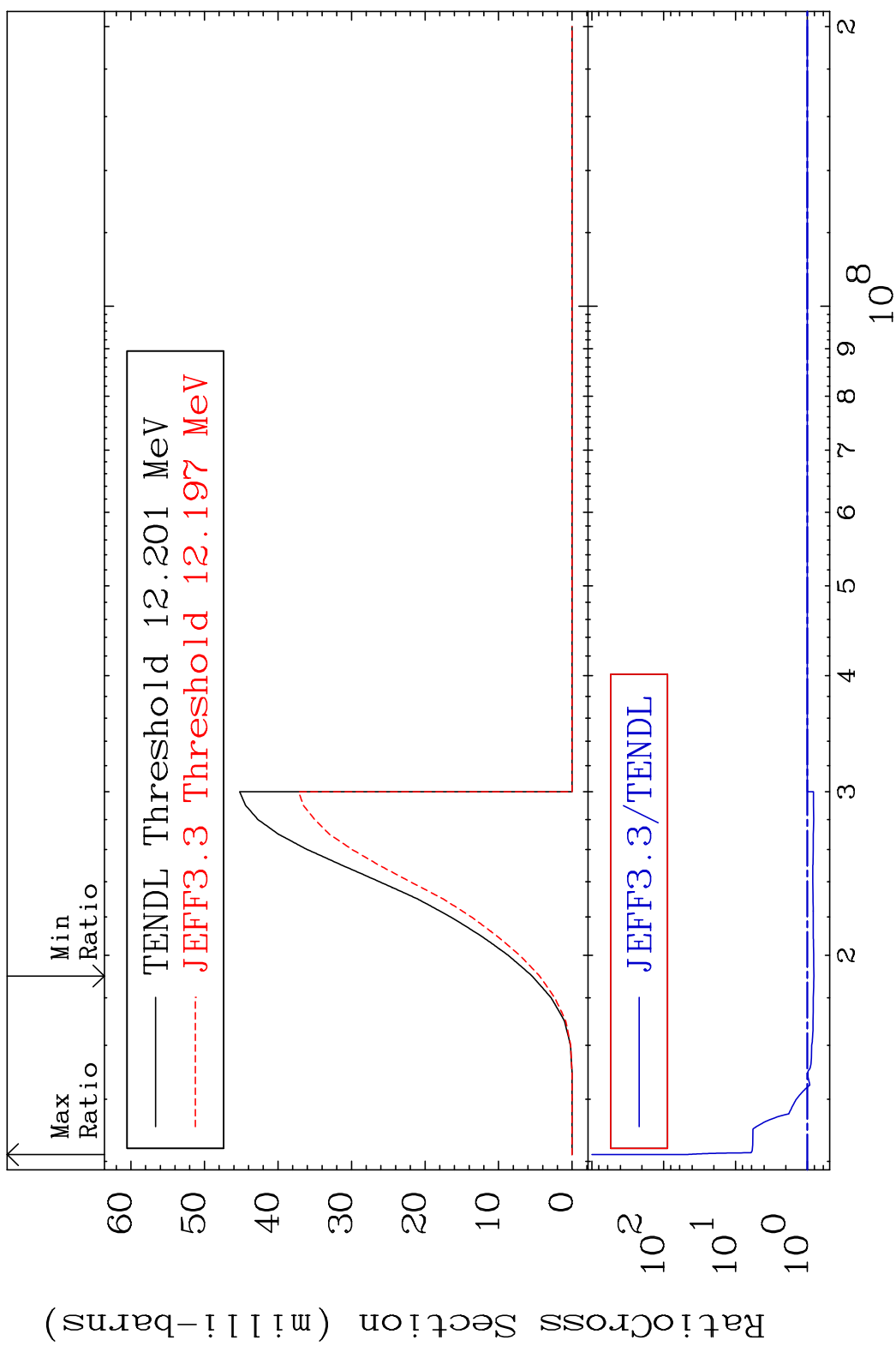
32-Ge-76



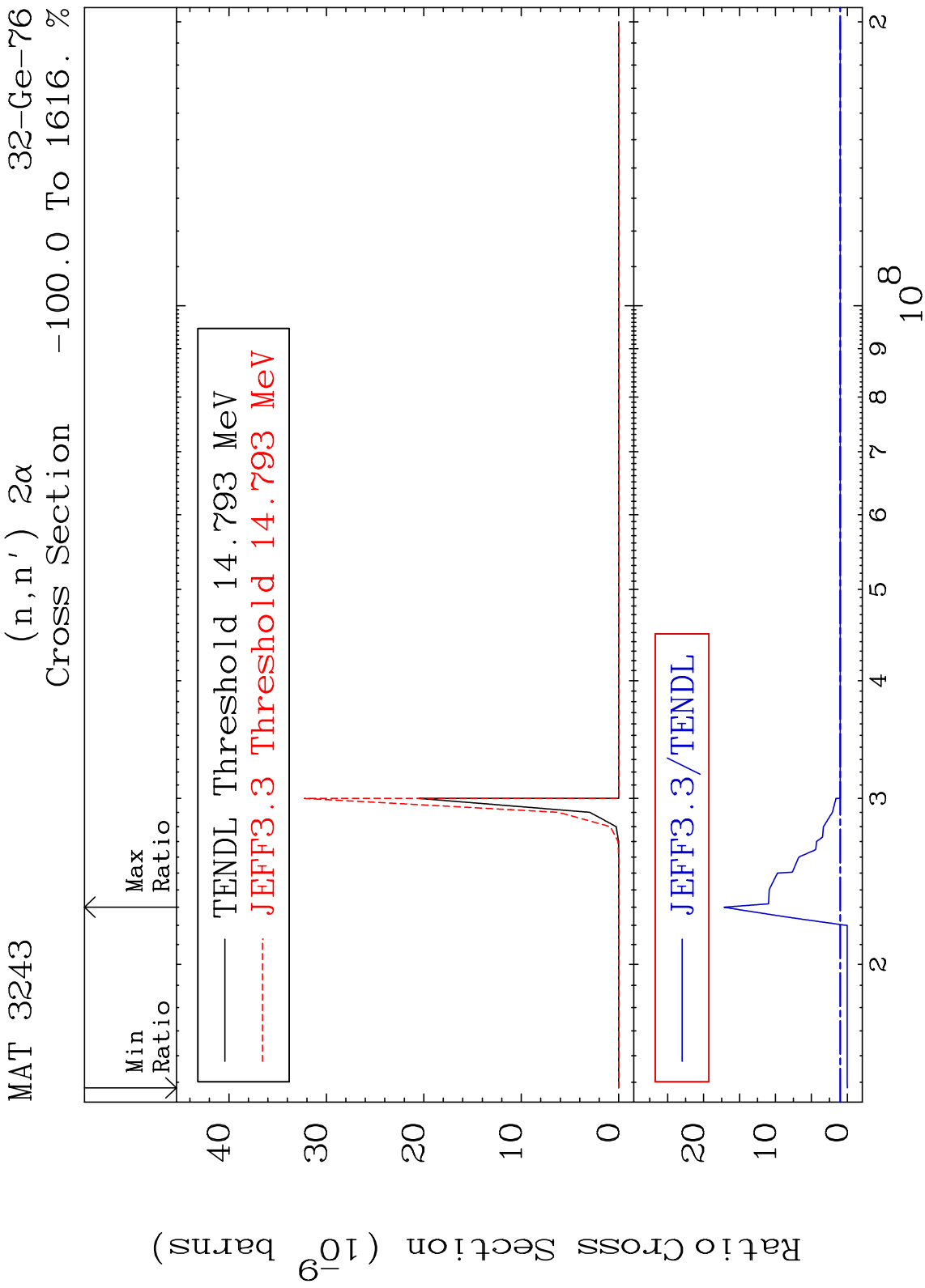
MAT 3243 (n, 3n) α $^{32}\text{Ge-76}$
 Cross Section -100.0 To 9999. %



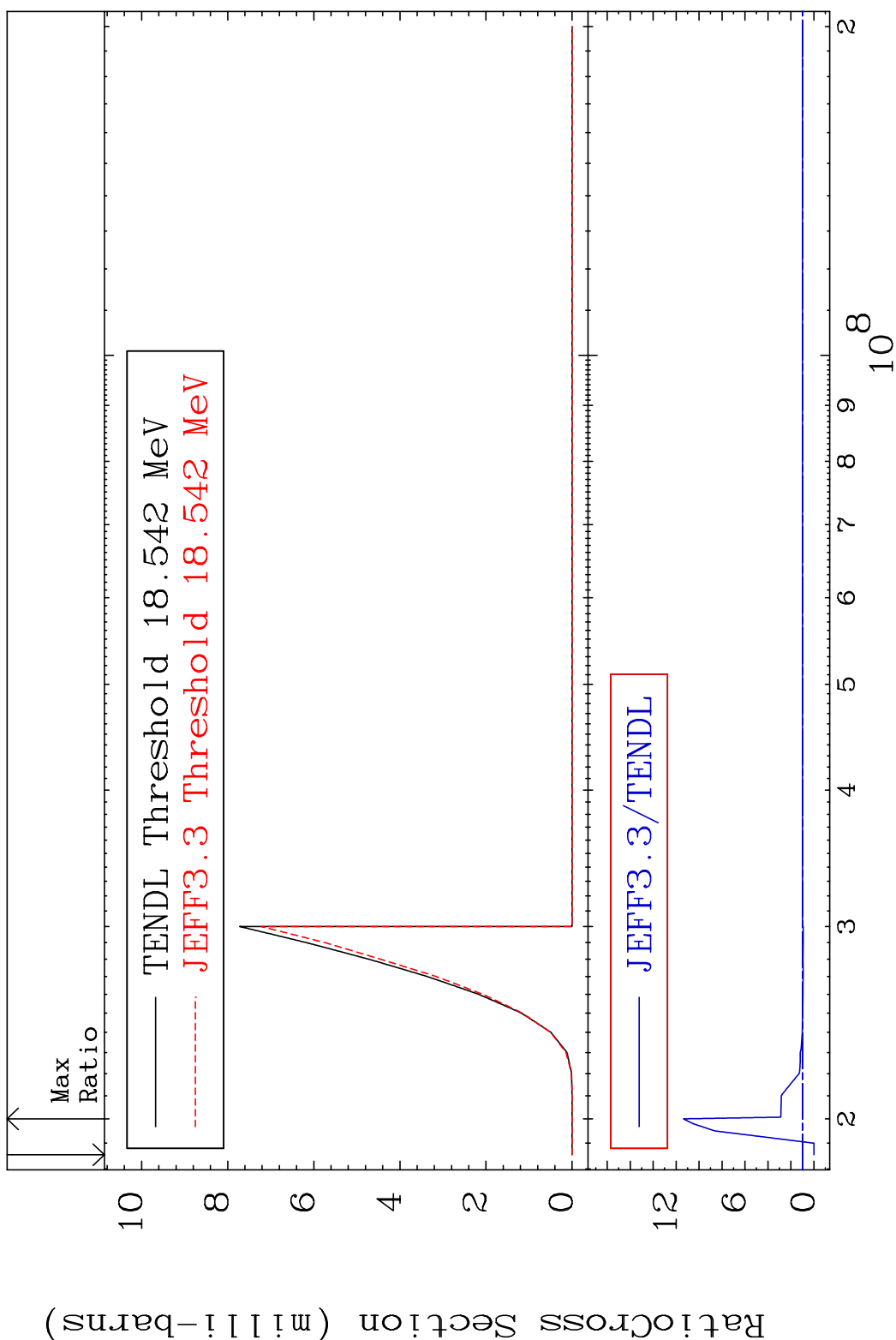
MAT 3243 (n, n') p 32-Ge-76
 Cross Section -18.73 To 5203. %



10 Incident Energy (eV) 32-Ge-76

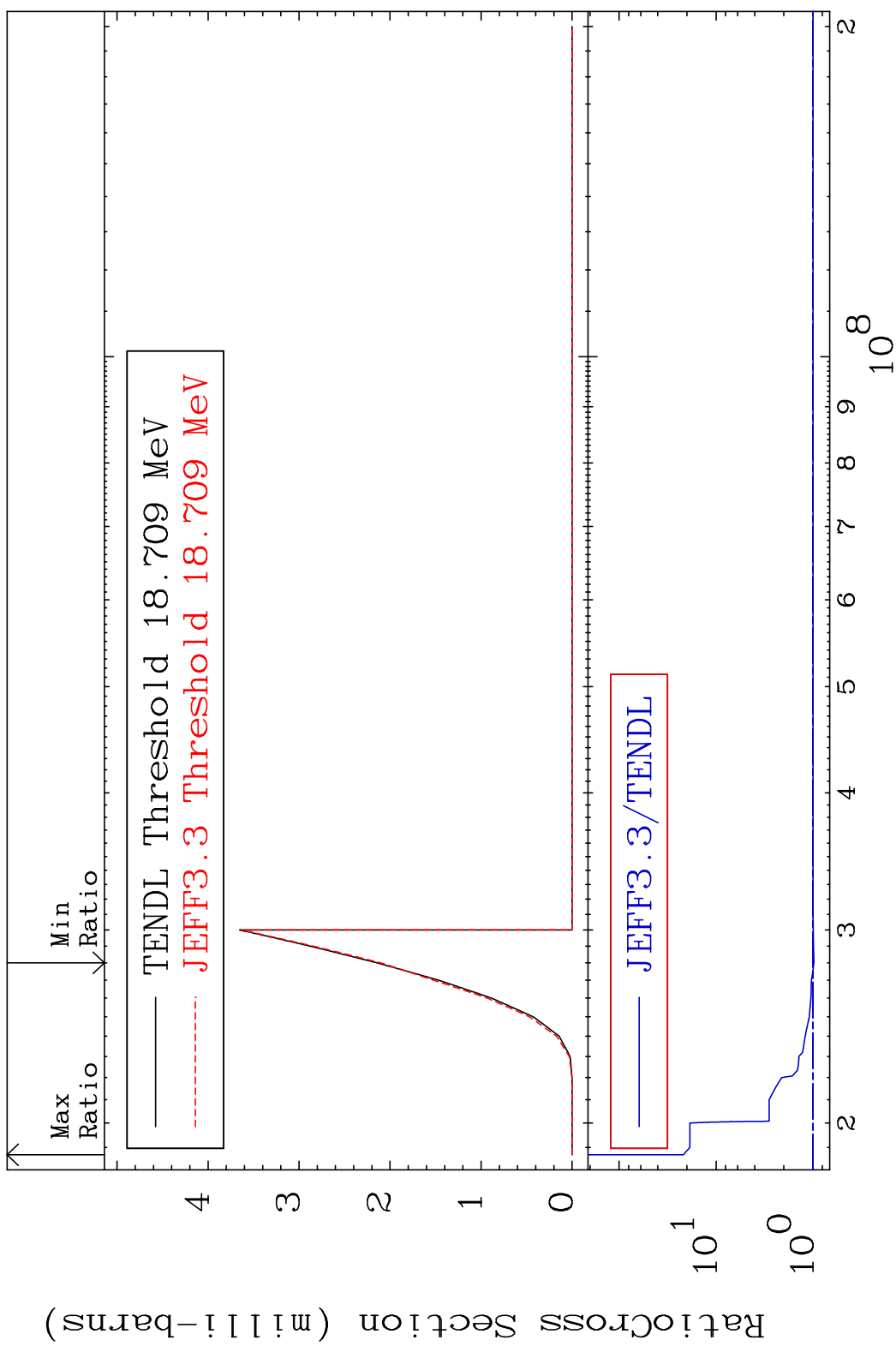


MAT 3243 (n, n') d 32-Ge-76
 Cross Section -100.0 To 1036. %

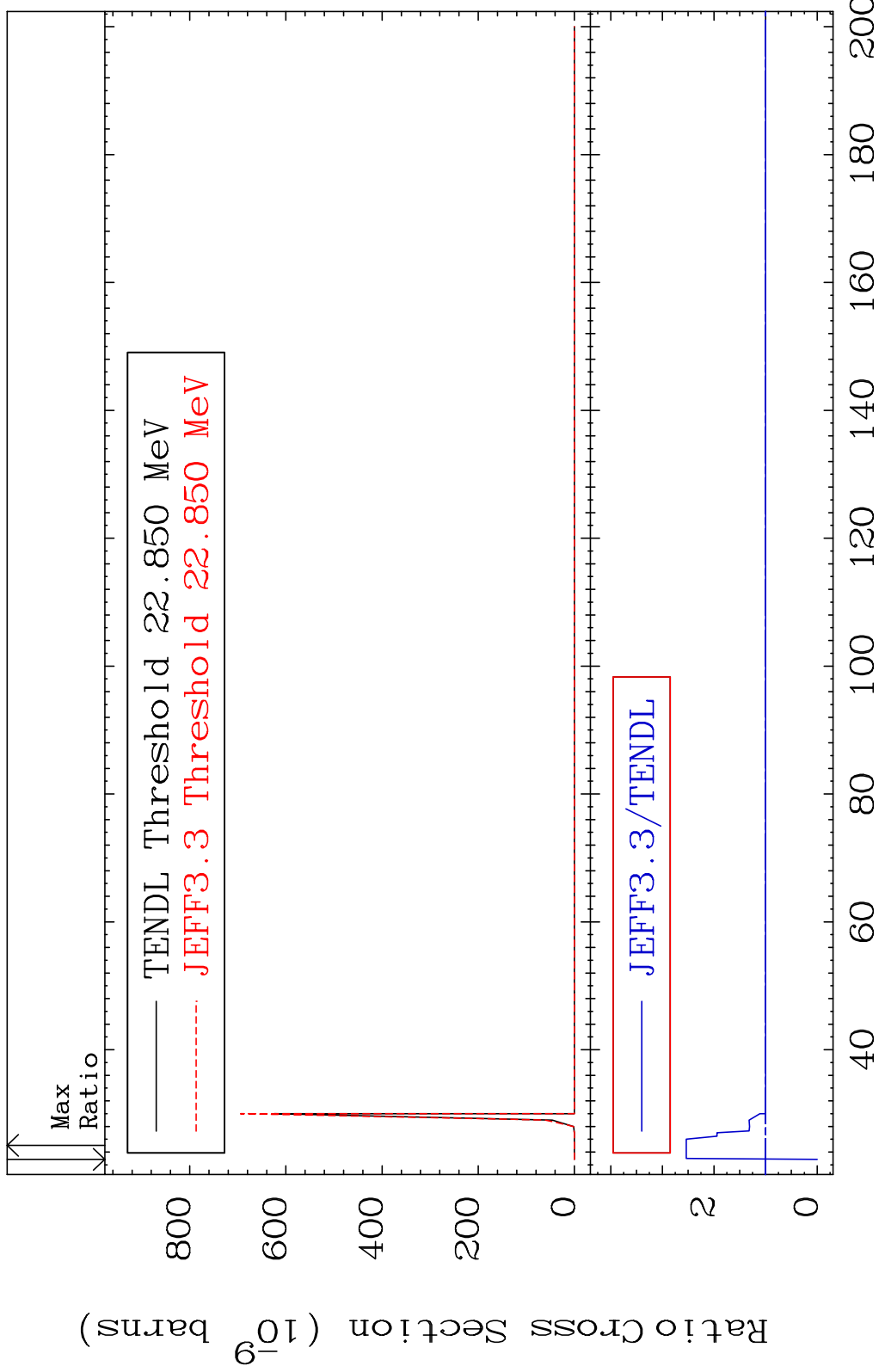


12 32-Ge-76

MAT 3243 (n, n') t 32-Ge-76
 Cross Section -1.941 To 2072. %

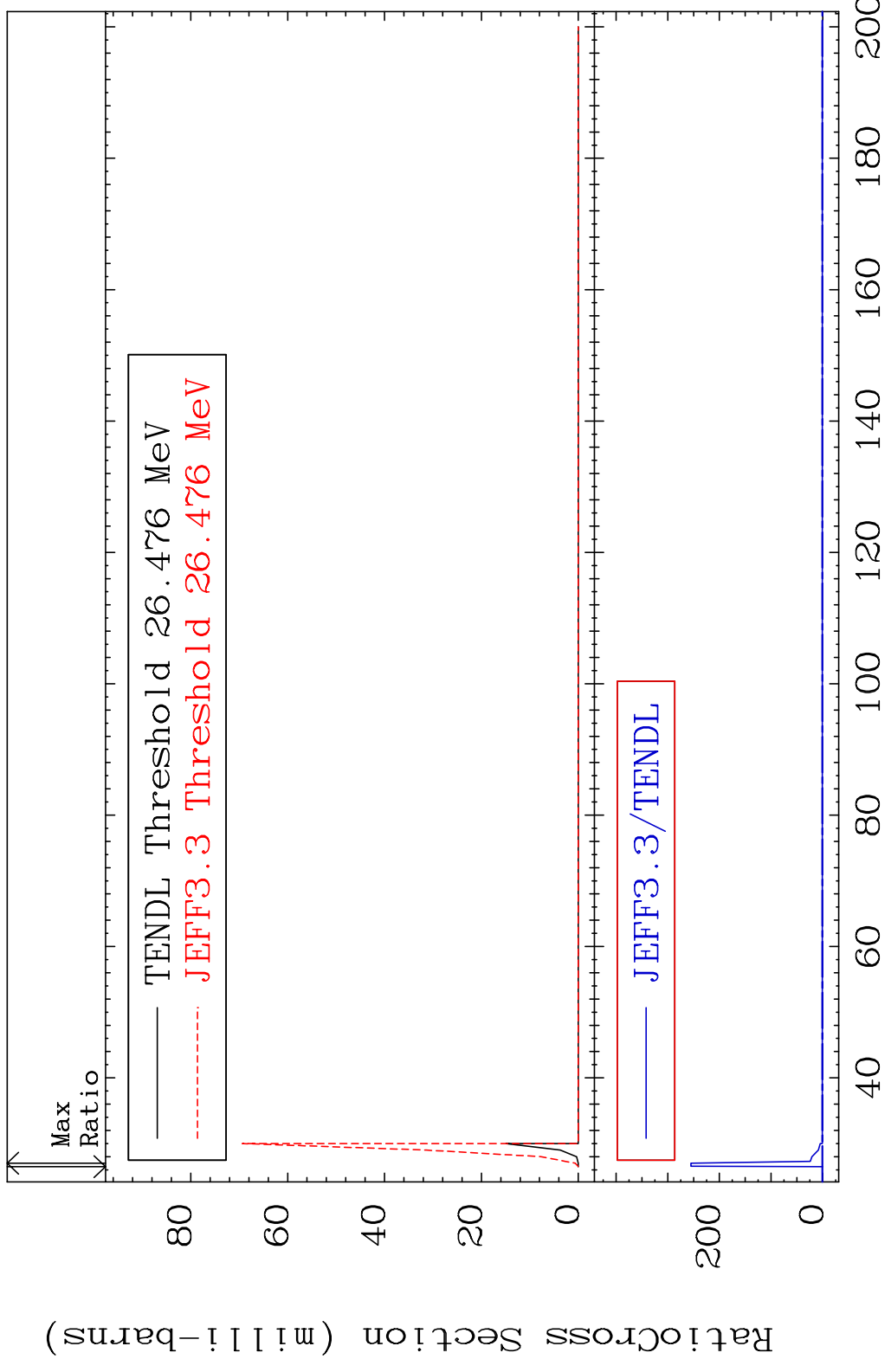


MAT 3243 (n, n') He-3 32-Ge-76
 Cross Section -100.0 To 153.7 %



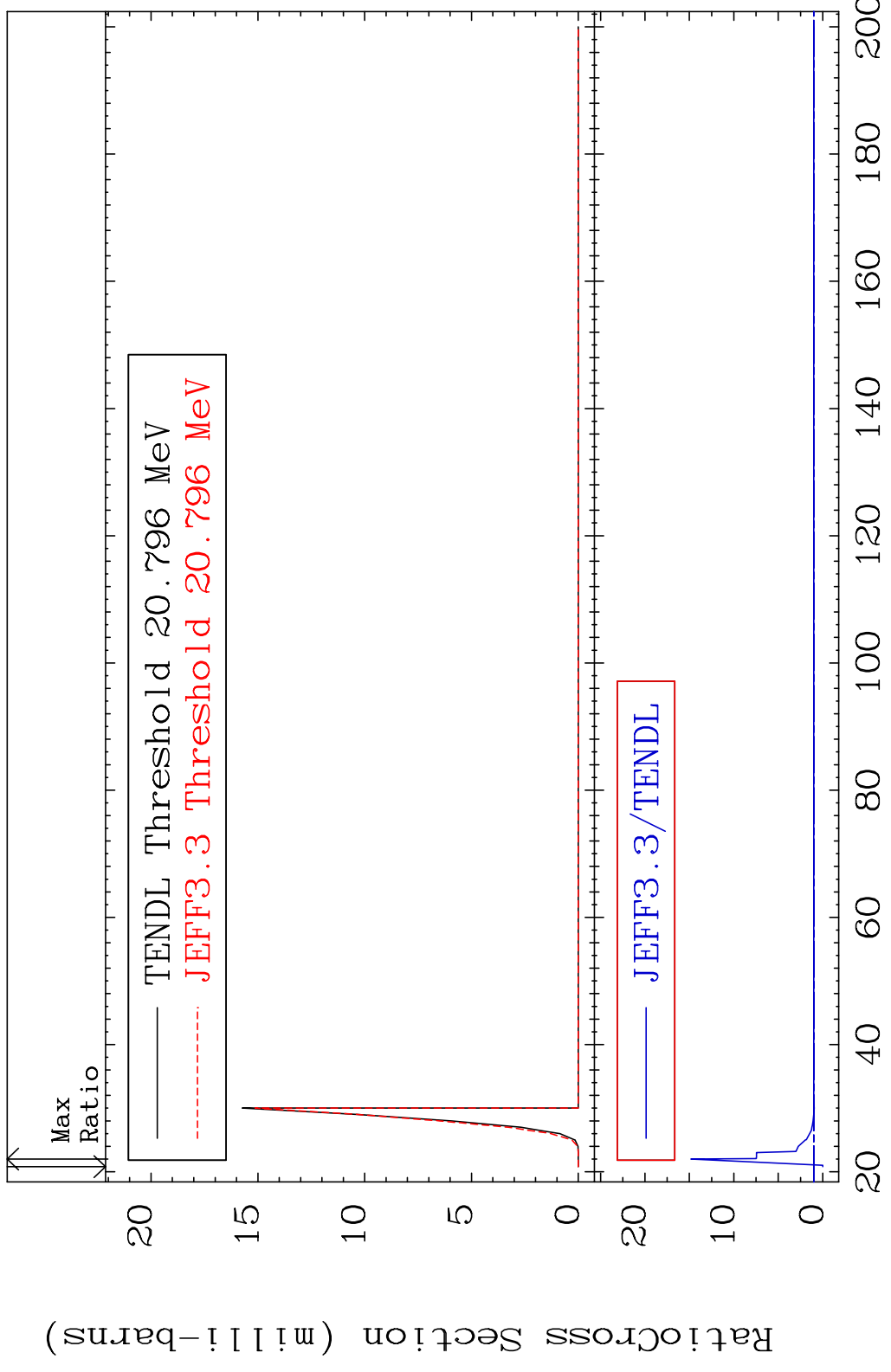
14 Incident Energy (MeV) 32-Ge-76

MAT 3243 (n,4n) 32-Ge-76
Cross Section -100.0 To 9999. %



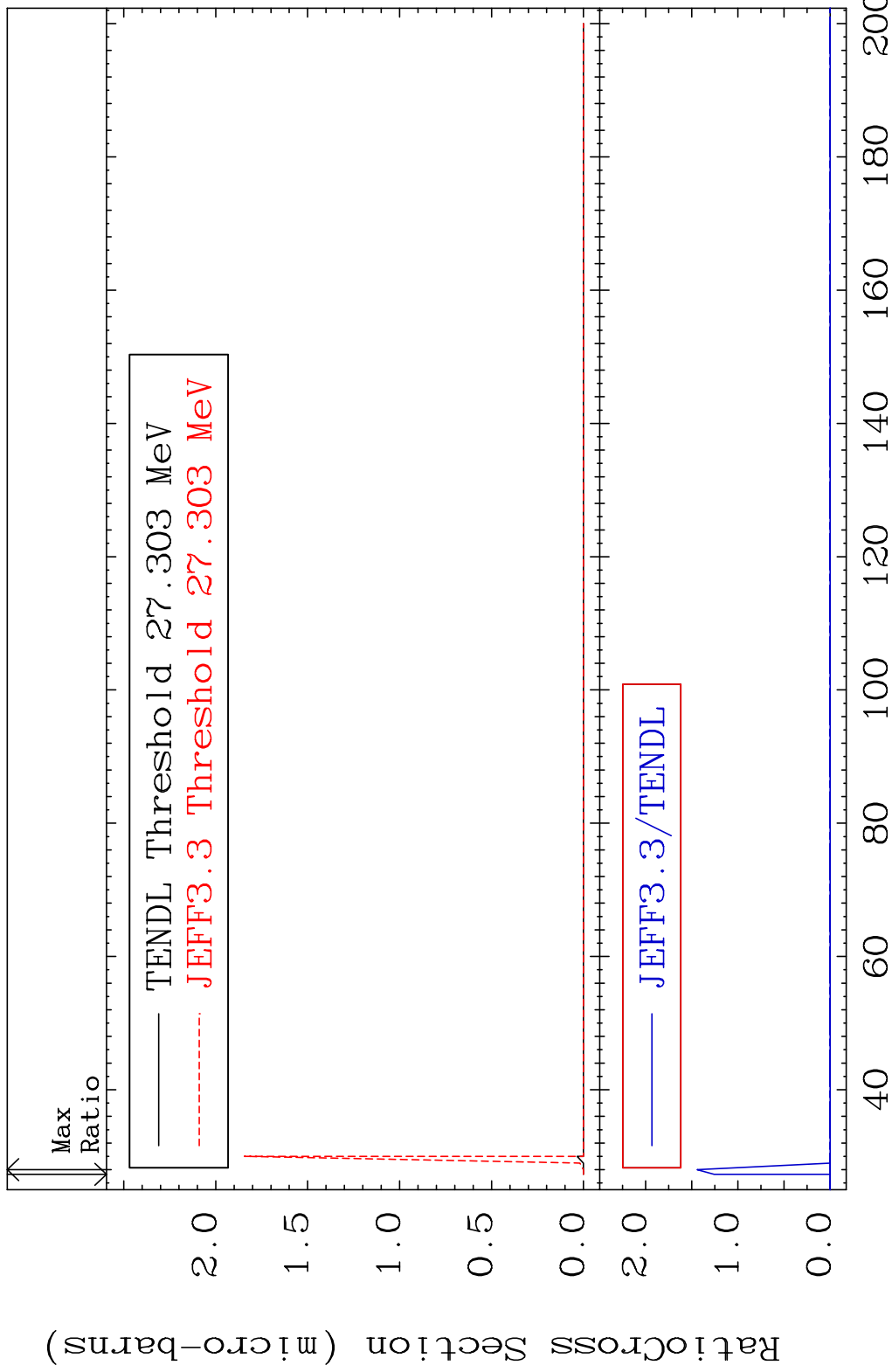
15 32-Ge-76

MAT 3243 (n,2n) p 32-Ge-76
Cross Section -100.0 To 1383. %

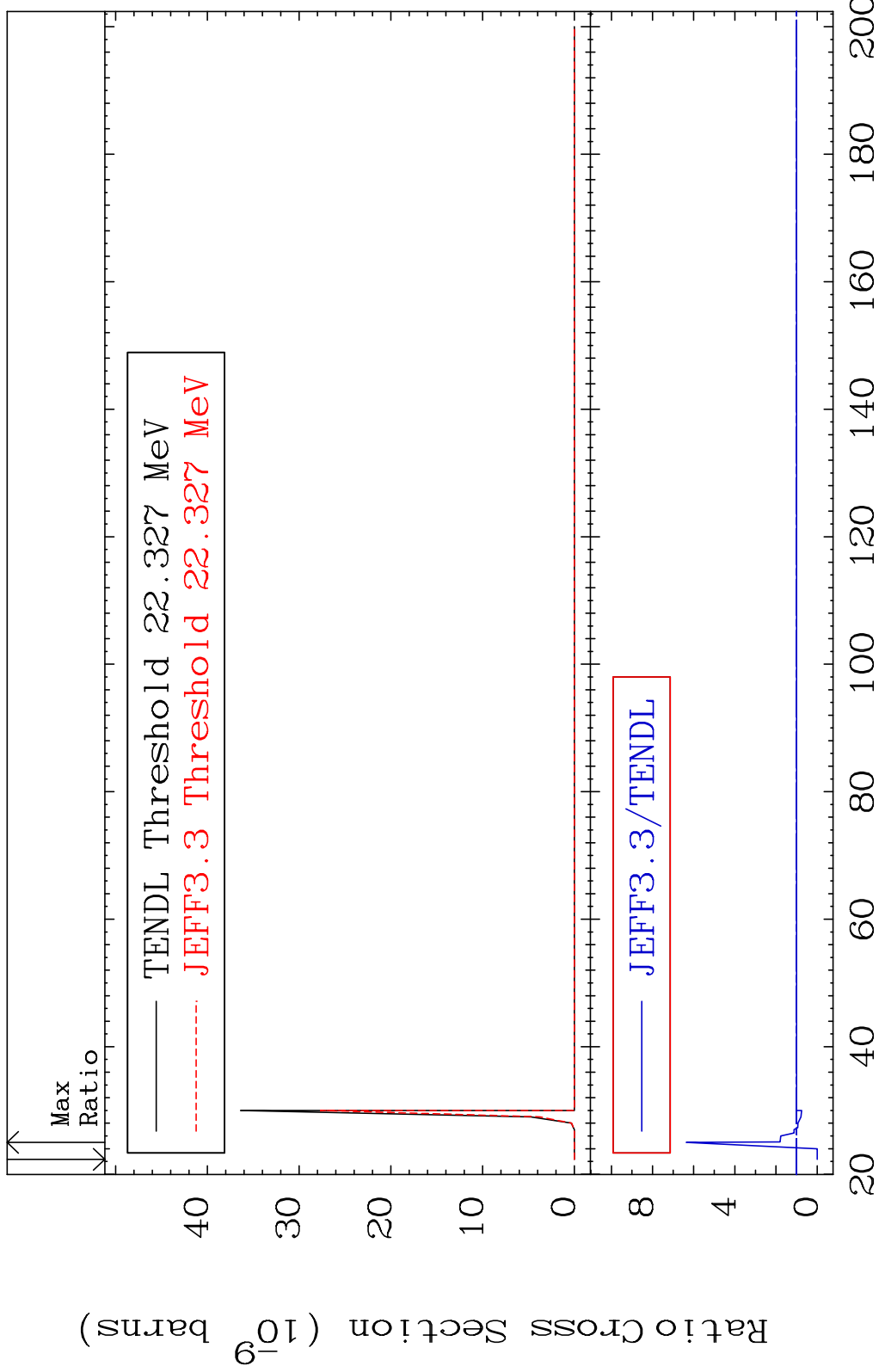


16 Incident Energy (MeV) 32-Ge-76

MAT 3243 (n, 3n) p 32-Ge-76
 Cross Section -100.0 To 9999. %



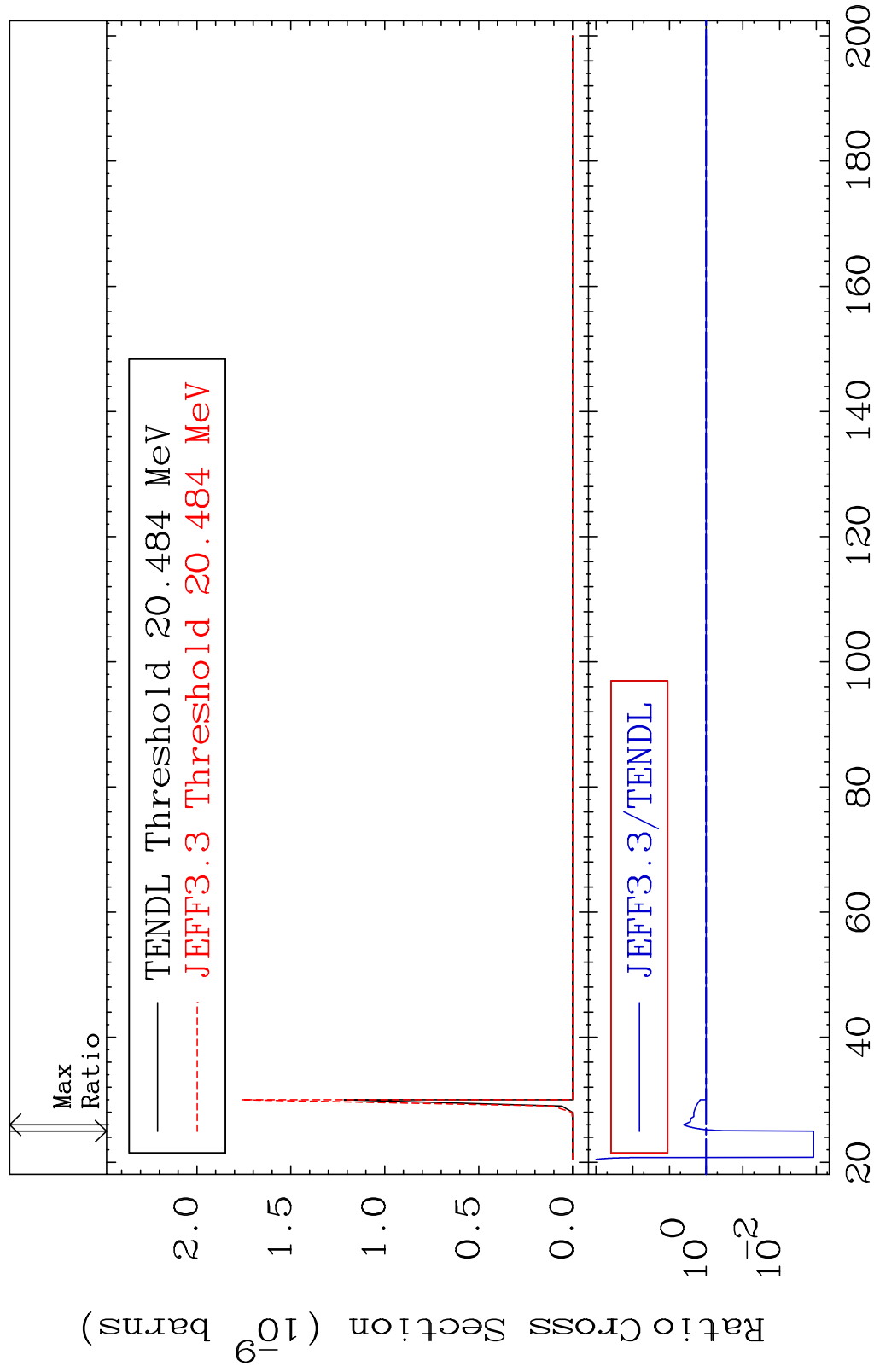
MAT 3243 (n,2n) p 32-Ge-76
Cross Section -100.0 To 536.3 %



18 32-Ge-76

MAT 3243

(n, n') p α 32-Ge-76
Cross Section -99.88 To 312.5 %

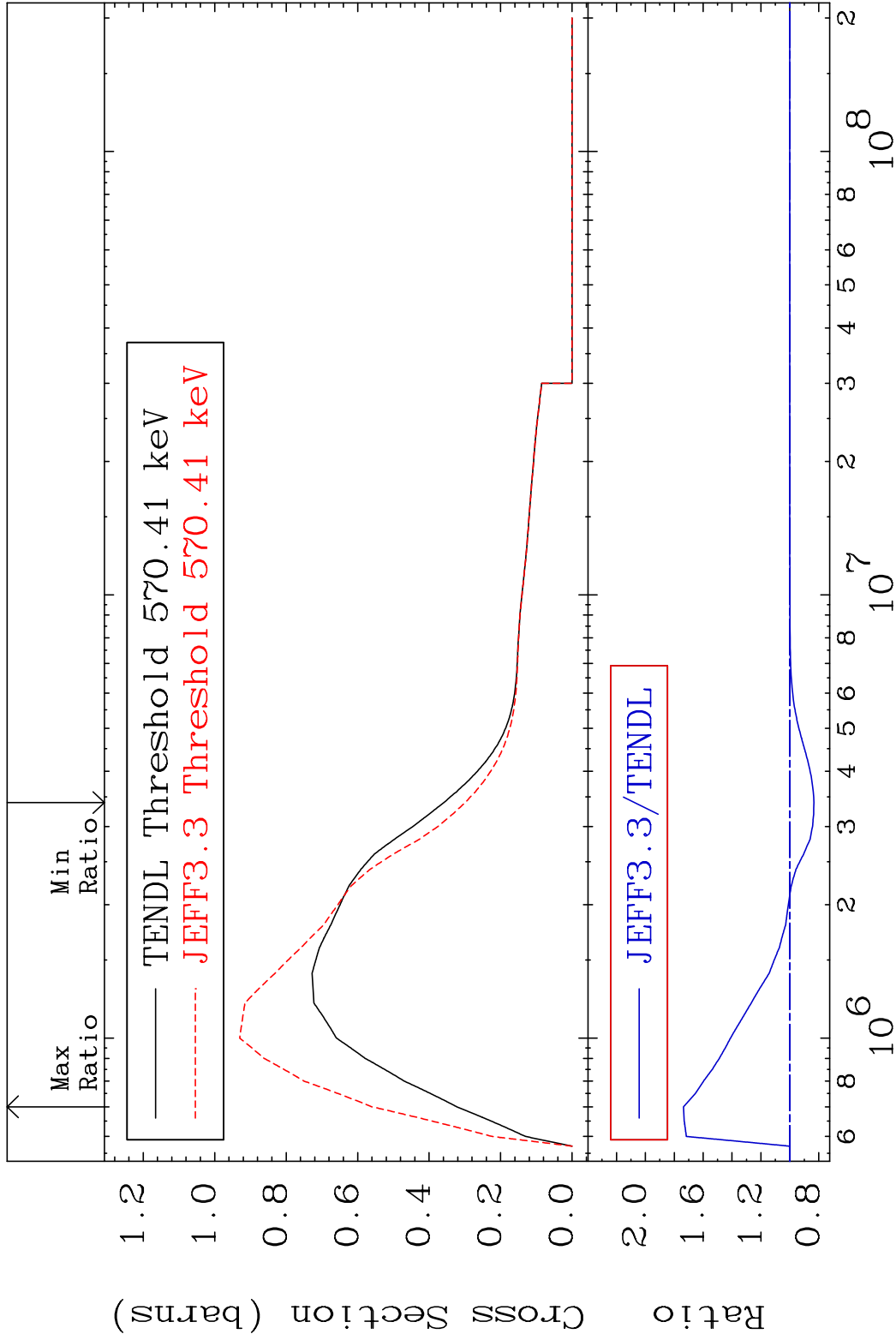


19

Incident Energy (MeV)

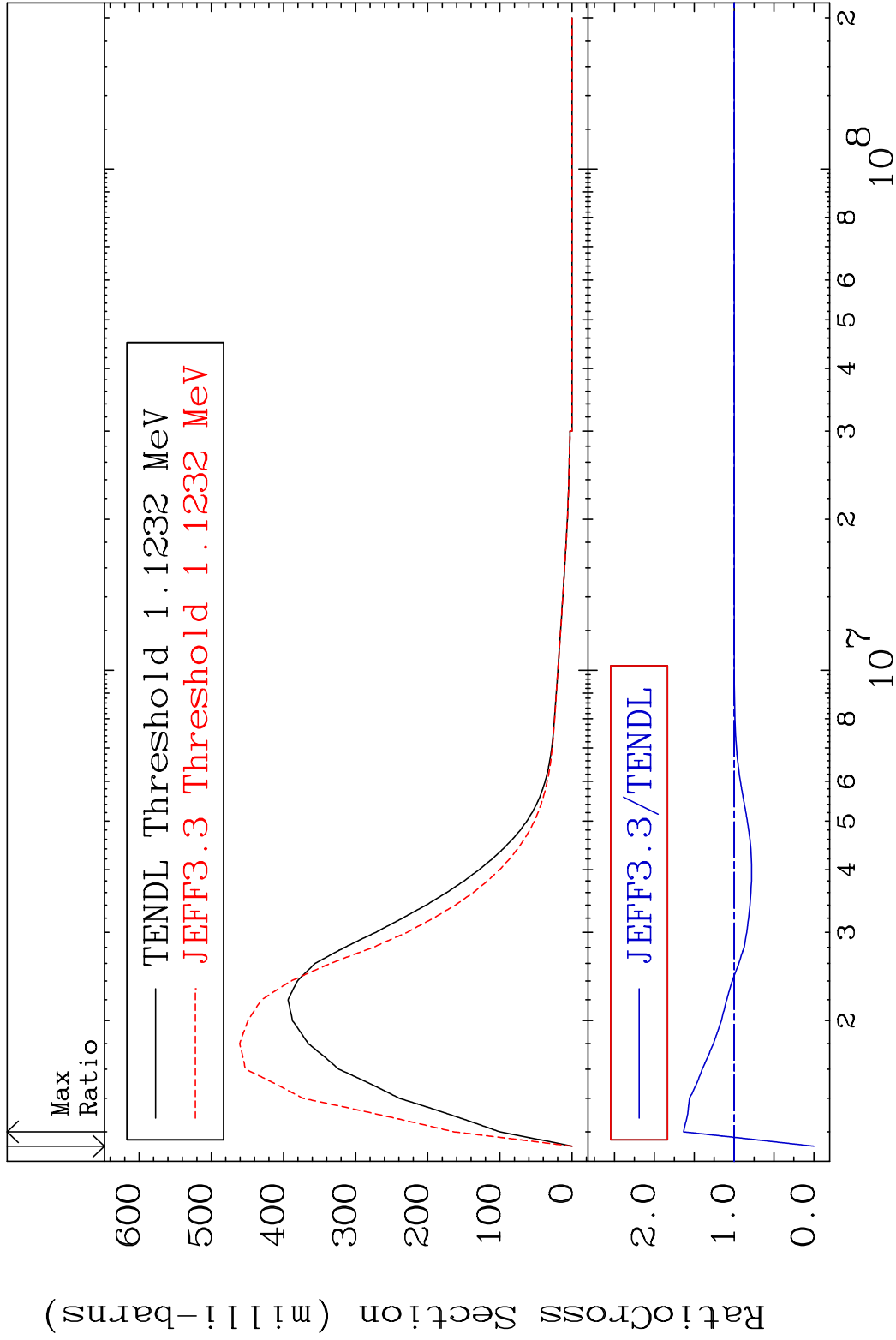
32-Ge-76

MAT 3243 MT= 51 (n, n') Level 32-Ge-76
 Cross Section -16.65 To 73.62 %

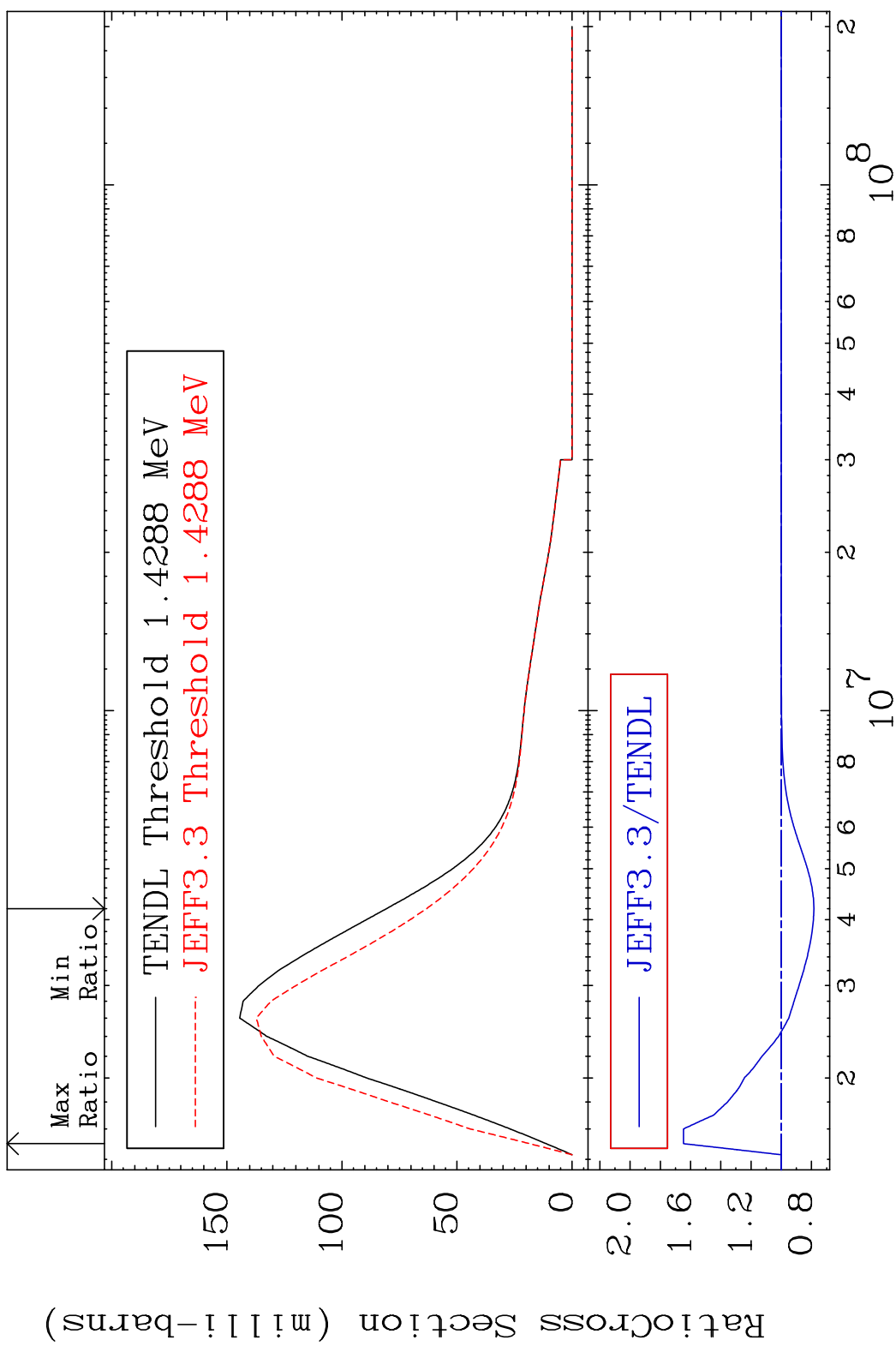


20 Incident Energy (eV) 32-Ge-76

MAT 3243 MT= 52 (n, n') Level 32-Ge-76
 Cross Section -100.0 To 63.49 %

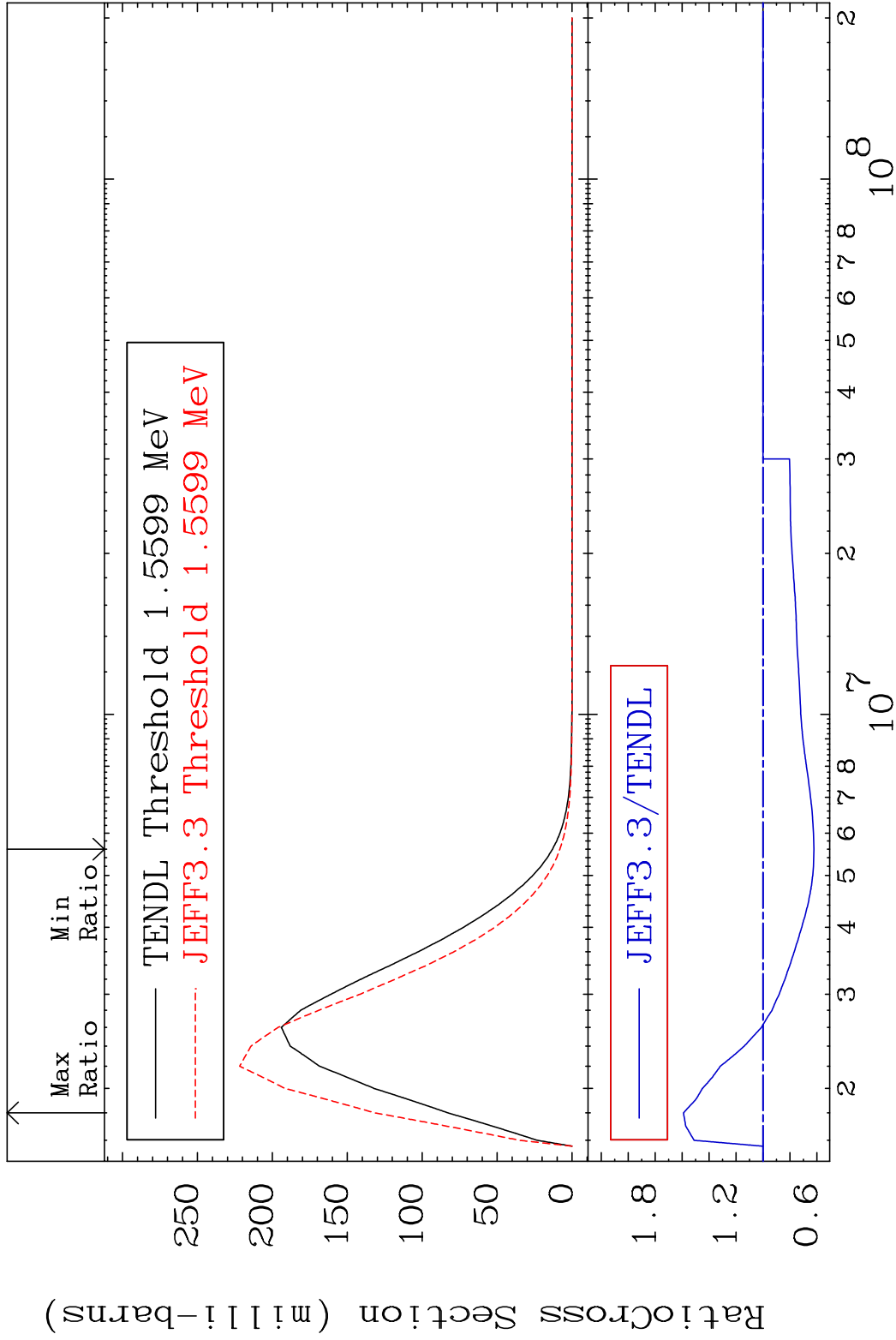


MAT 3243 MT= 53 (n, n') Level 32-Ge-76
 Cross Section -21.57 To 64.69 %

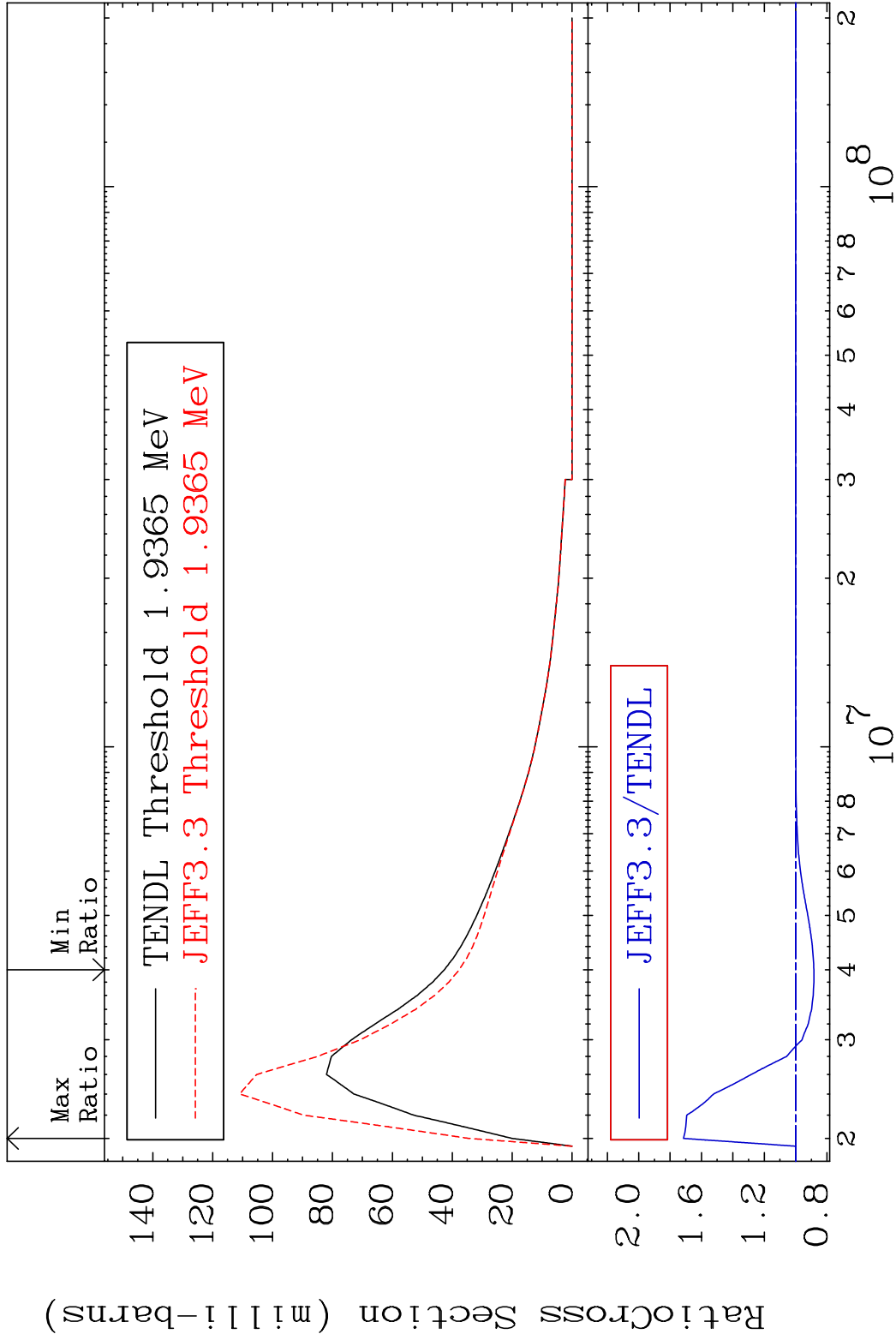


22 Incident Energy (eV) 32-Ge-76

MAT 3243 MT= 54 (n, n') Level 32-Ge-76
 Cross Section -37.75 To 58.99 %

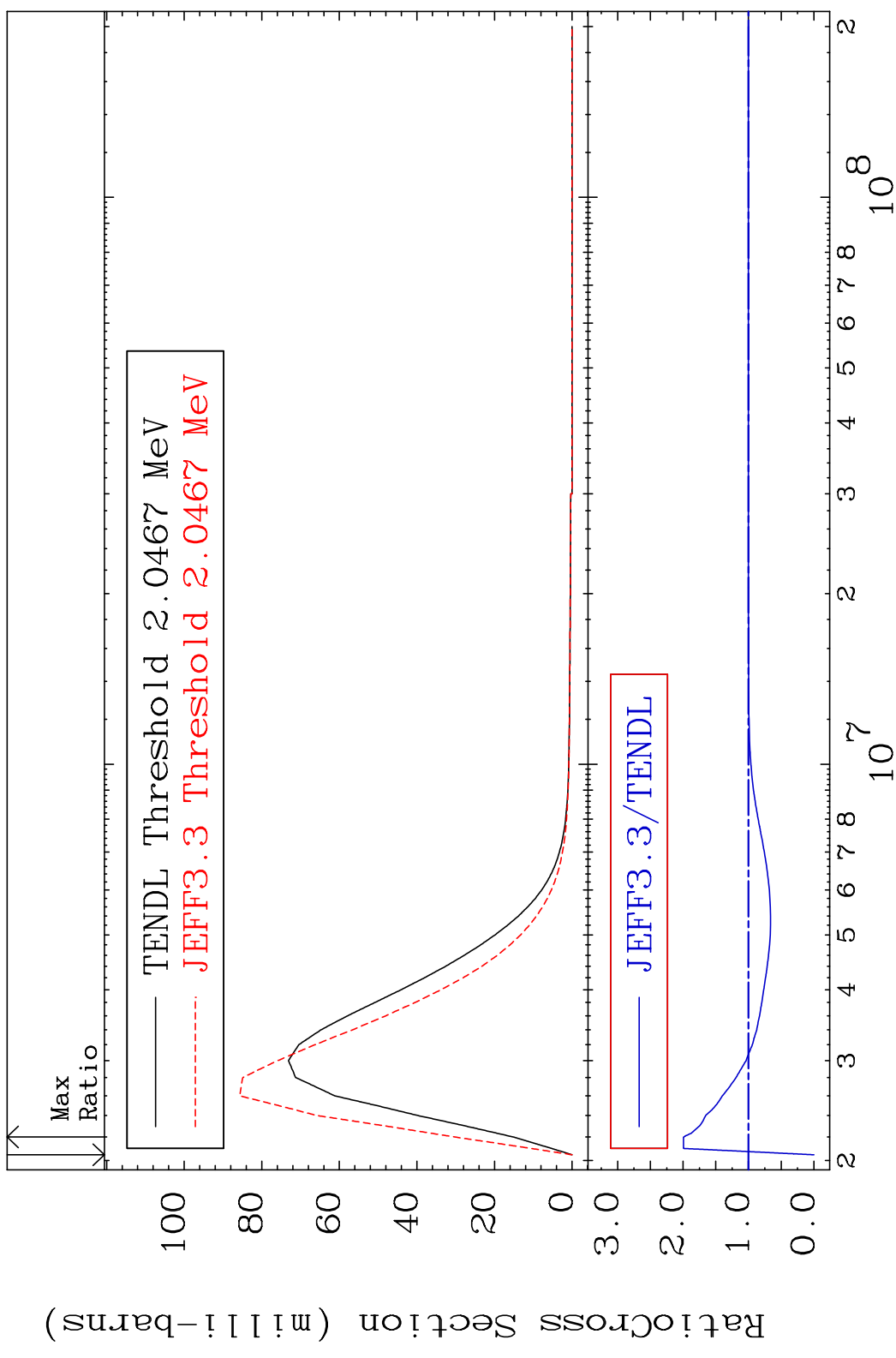


MAT 3243 MT= 55 (n, n') Level 32-Ge-76
 Cross Section -11.63 To 71.50 %

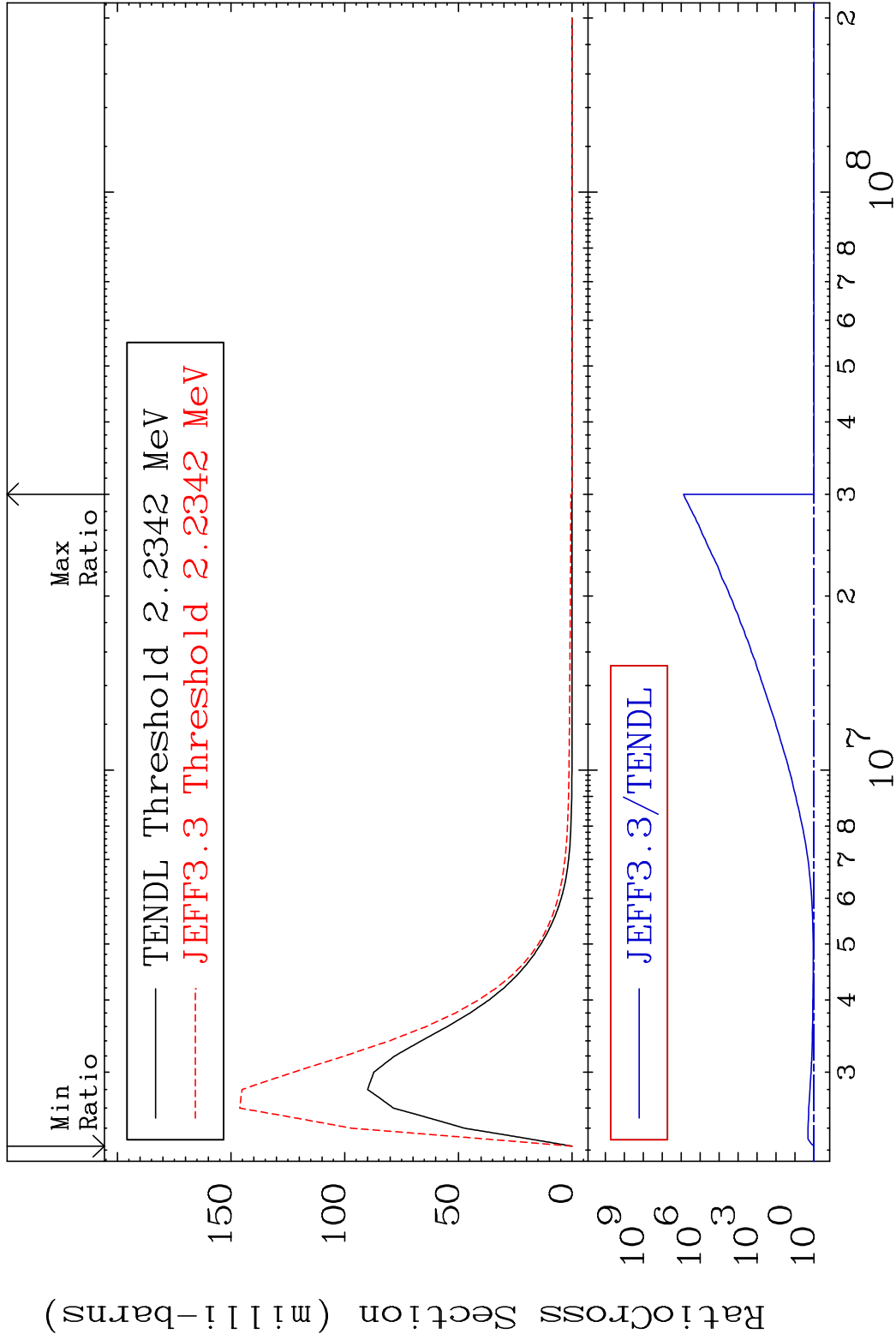


24 Incident Energy (eV) 32-Ge-76

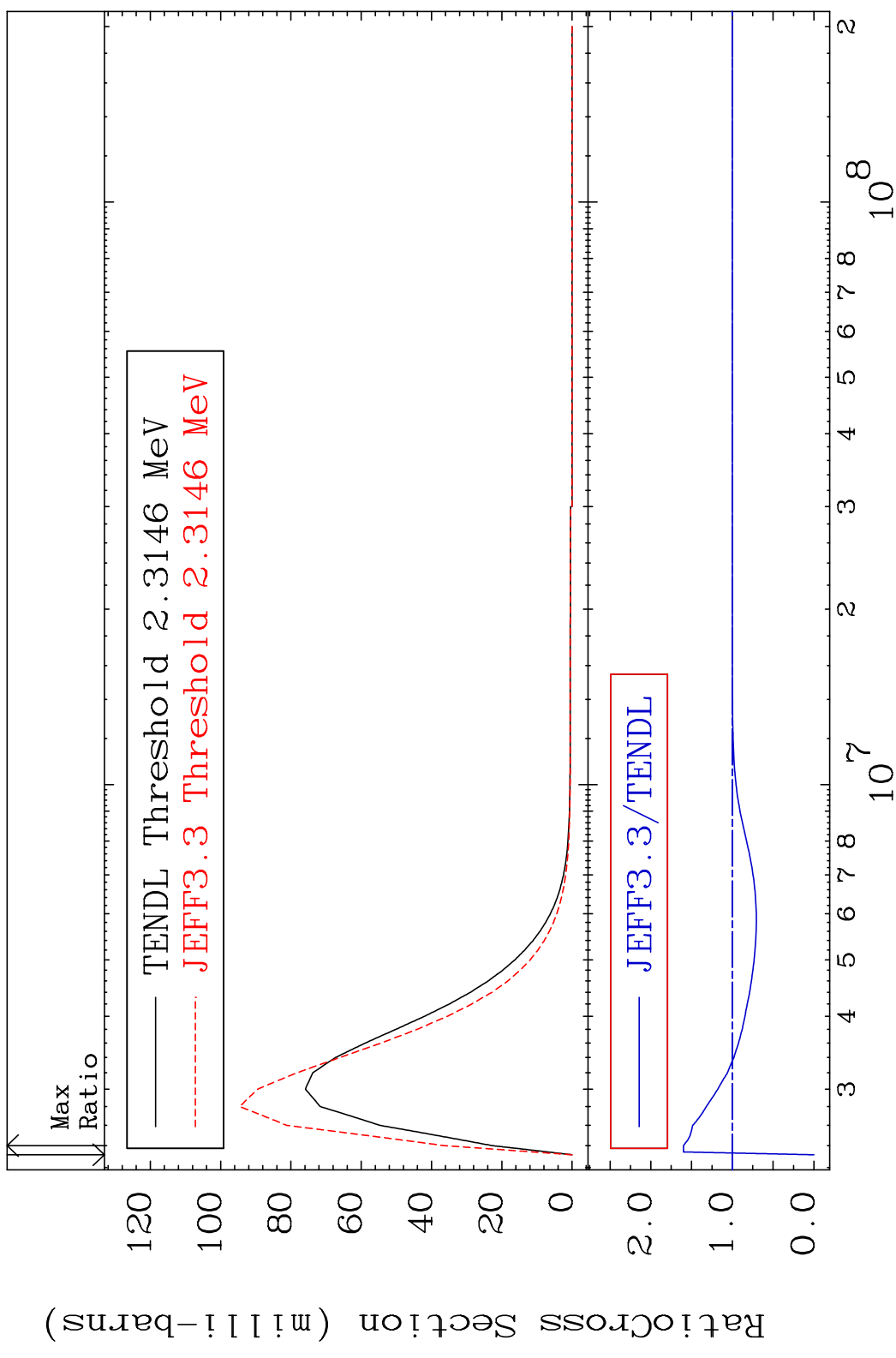
MAT 3243 MT= 56 (n, n') Level 32-Ge-76
 Cross Section -100.0 To 99.41 %



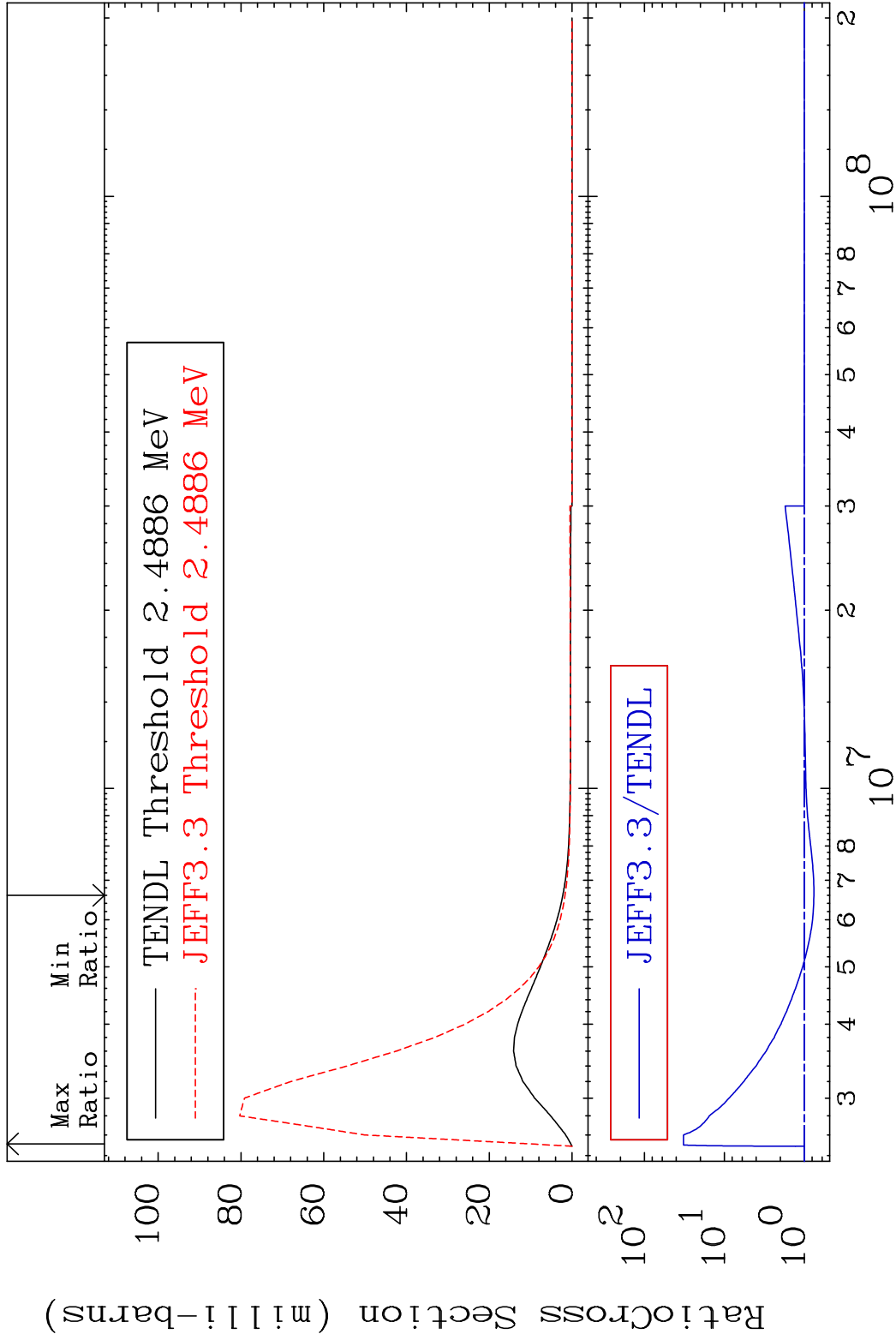
MAT 3243 MT= 57 (n, n') Level 32-Ge-76
 Cross Section 0.000 To 9999. %



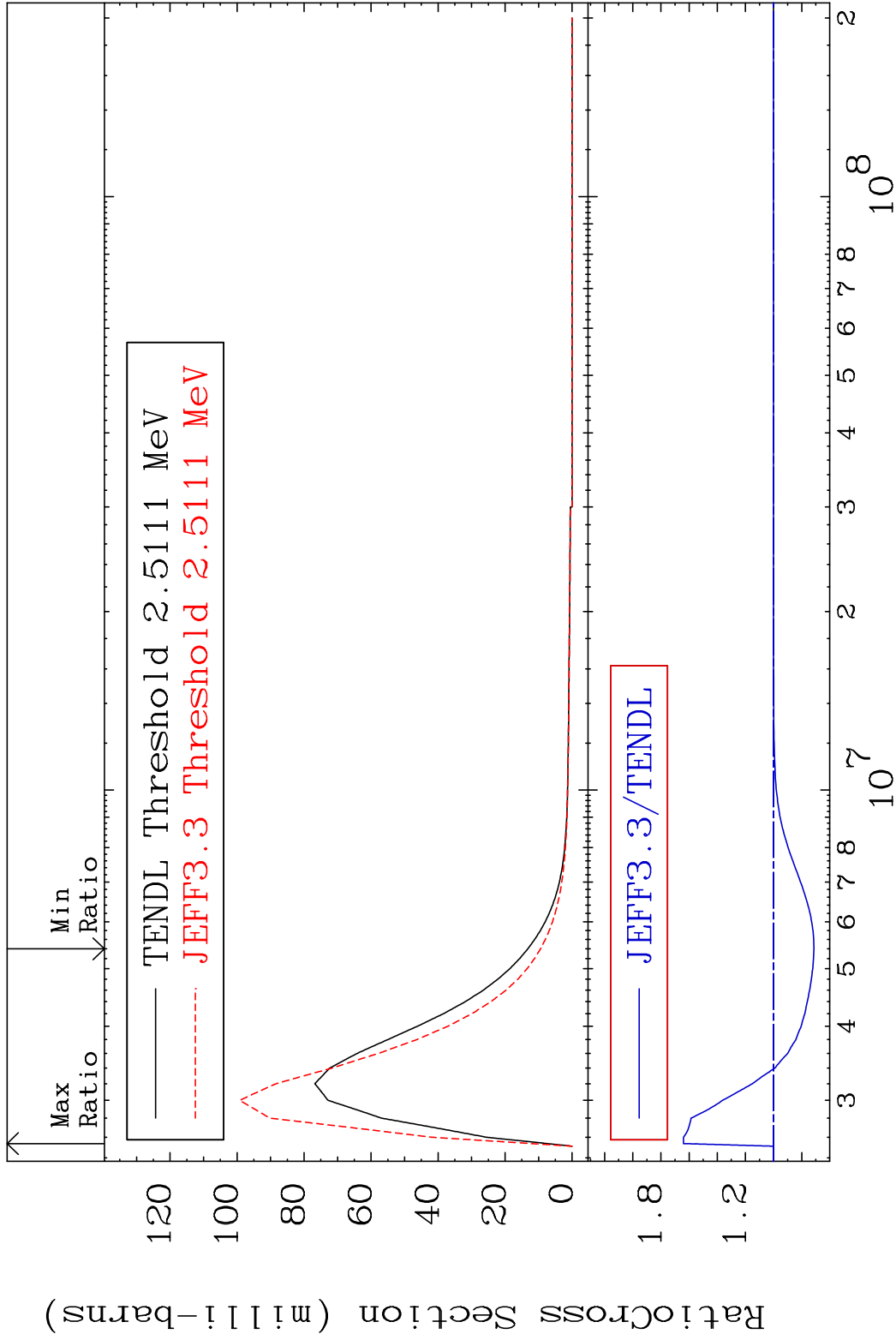
MAT 3243 MT= 58 (n, n') Level 32-Ge-76
 Cross Section -100.0 To 59.98 %



MAT 3243 MT= 59 (n, n') Level 32-Ge-76
 Cross Section -23.92 To 3153. %

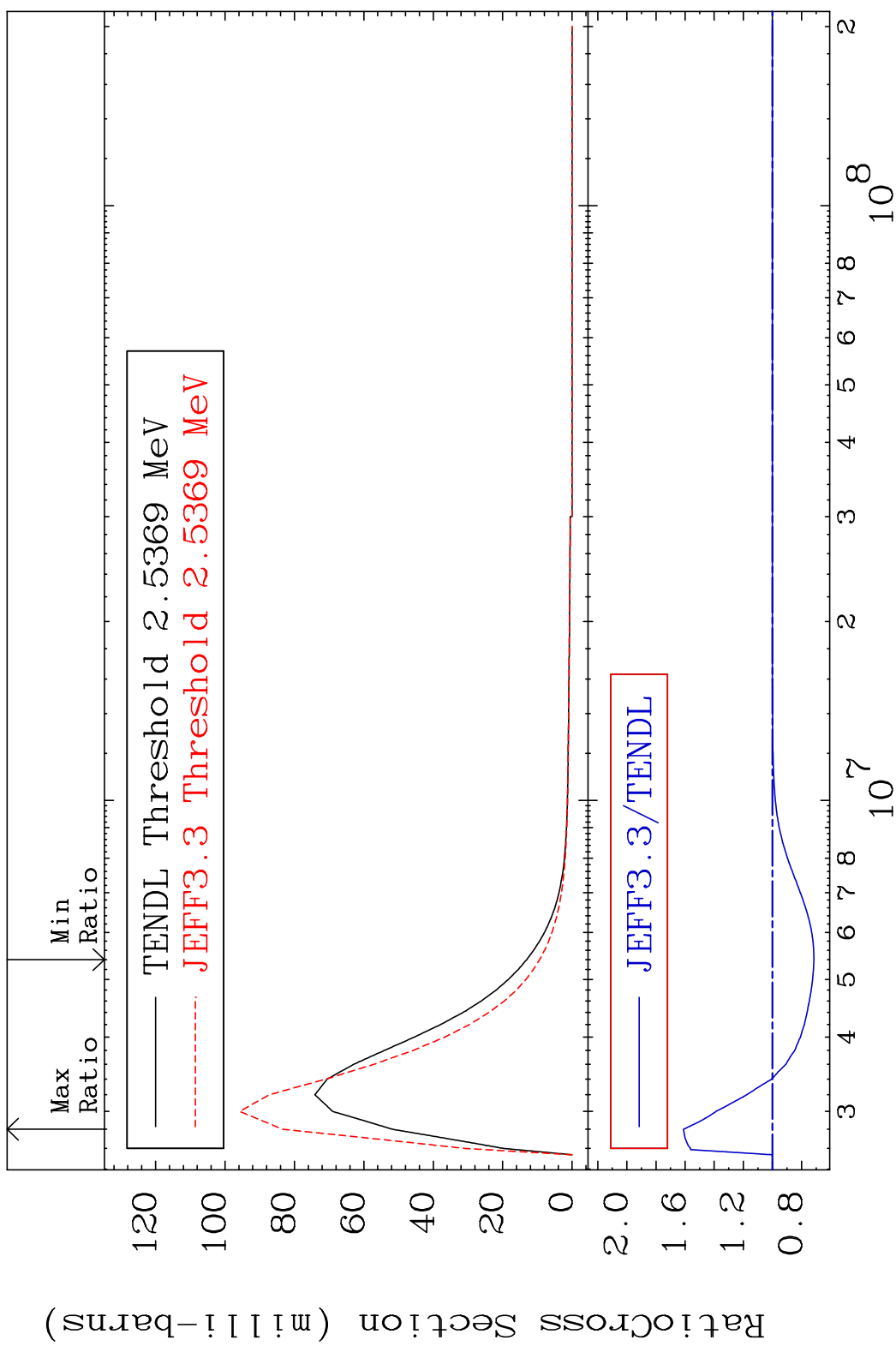


MAT 3243 MT= 60 (n, n') Level 32-Ge-76
 Cross Section -28.63 To 64.01 %



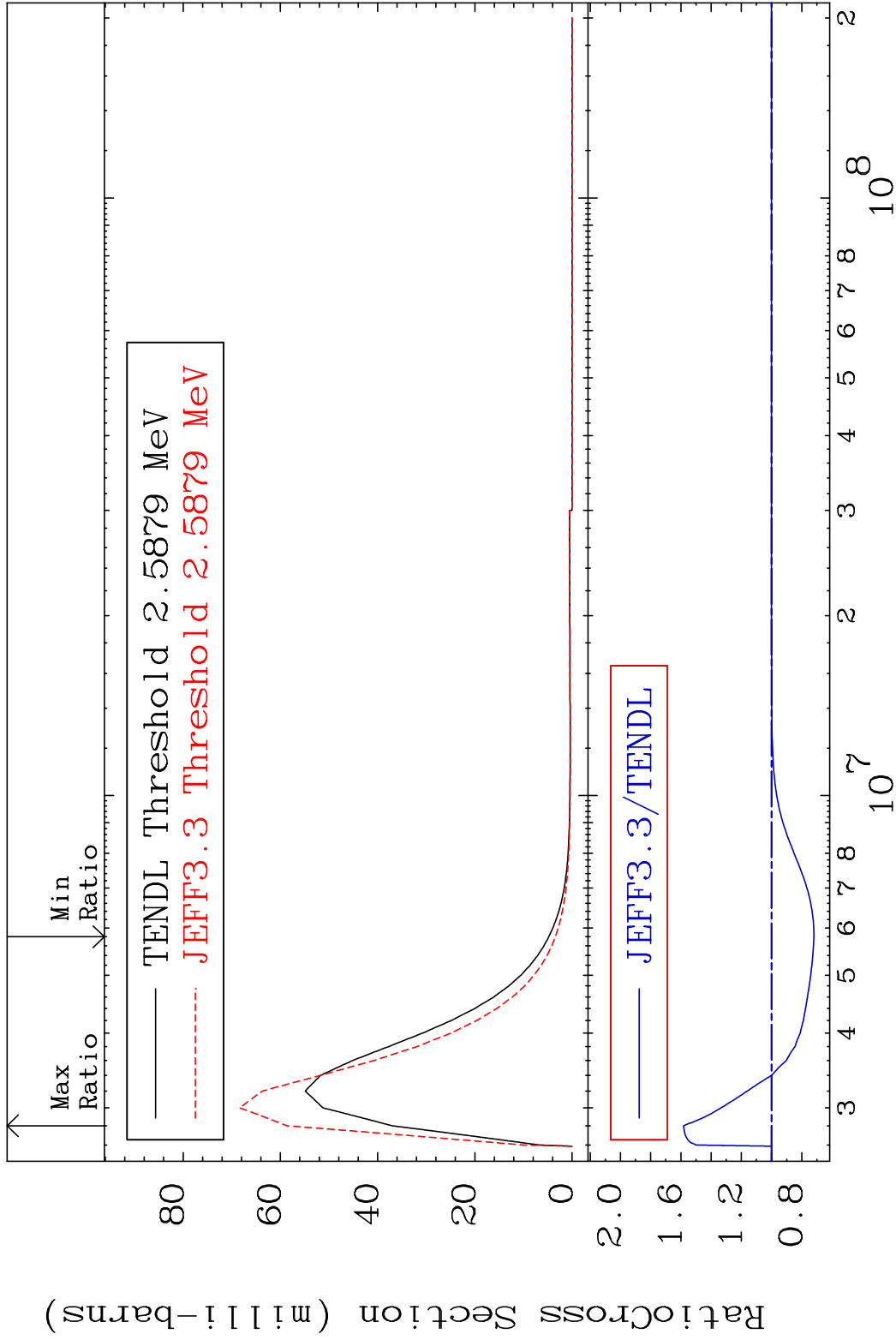
29 Incident Energy (eV) 32-Ge-76

MAT 3243 MT= 61 (n, n') Level 32-Ge-76
 Cross Section -28.47 To 61.12 %

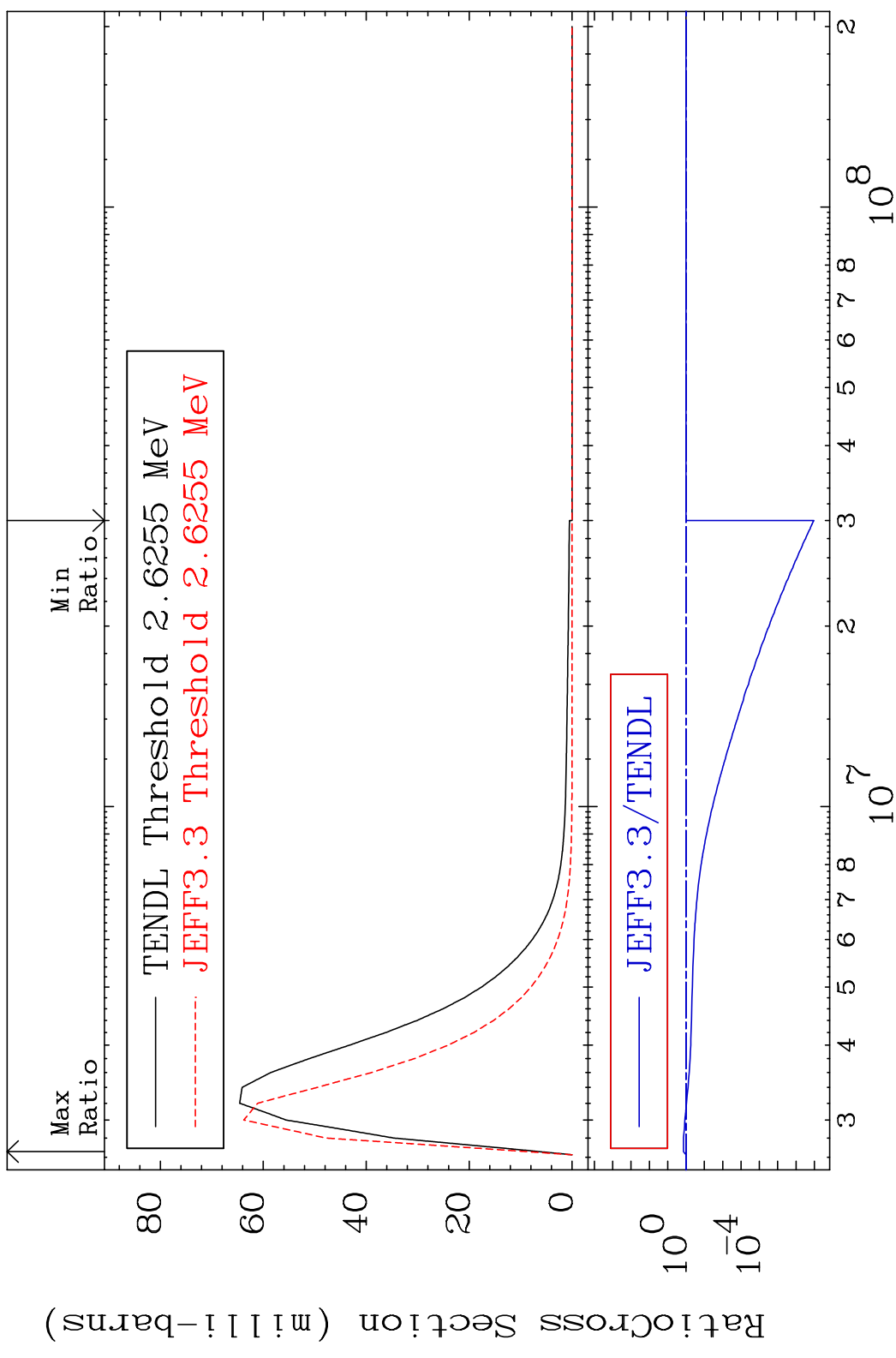


30 Incident Energy (eV) 32-Ge-76

MAT 3243 MT= 62 (n, n') Level 32-Ge-76
 Cross Section -28.02 To 58.30 %

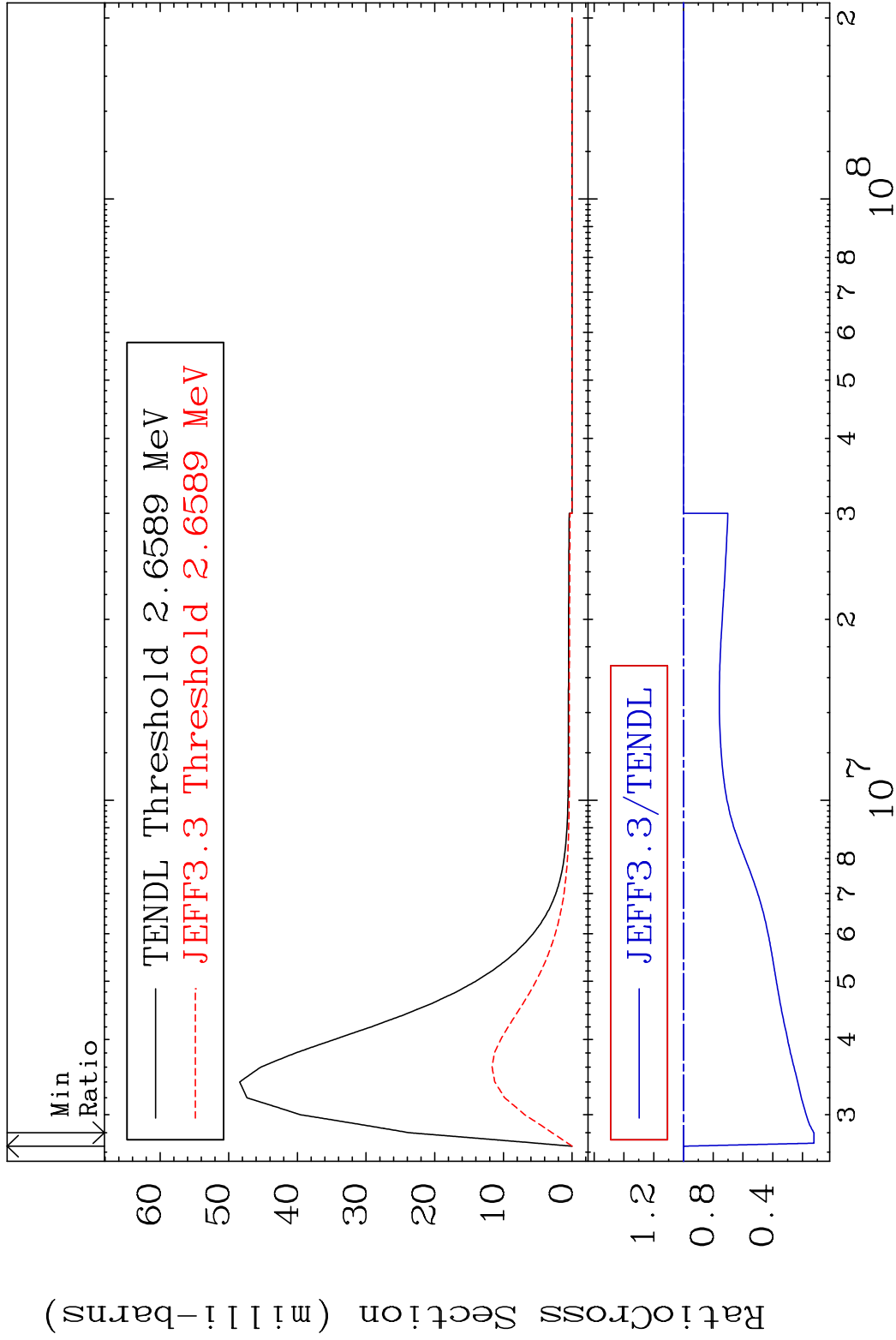


MAT 3243 MT= 63 (n, n') Level 32-Ge-76
 Cross Section -100.0 To 38.17 %

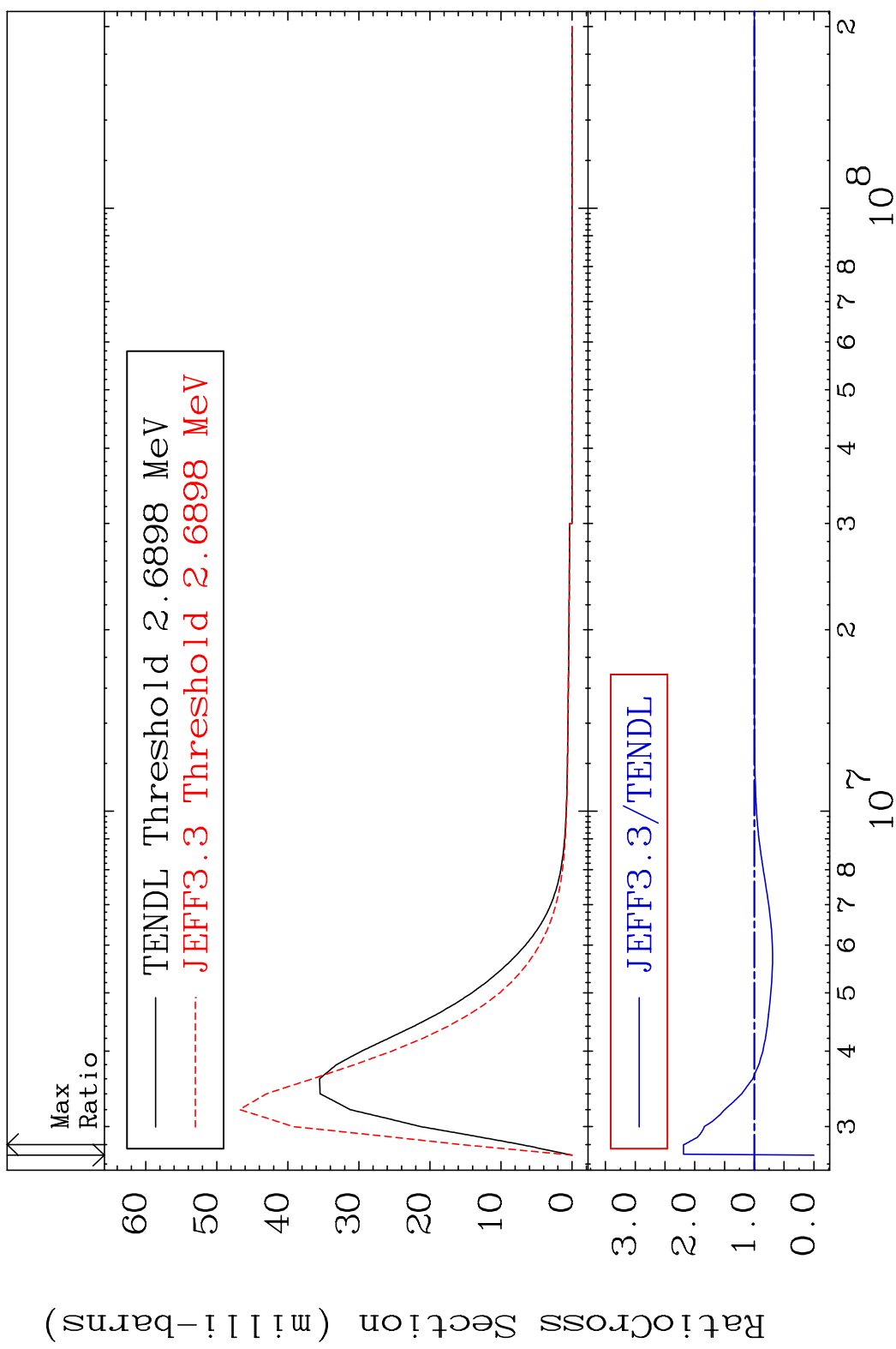


32 Incident Energy (eV) 32-Ge-76

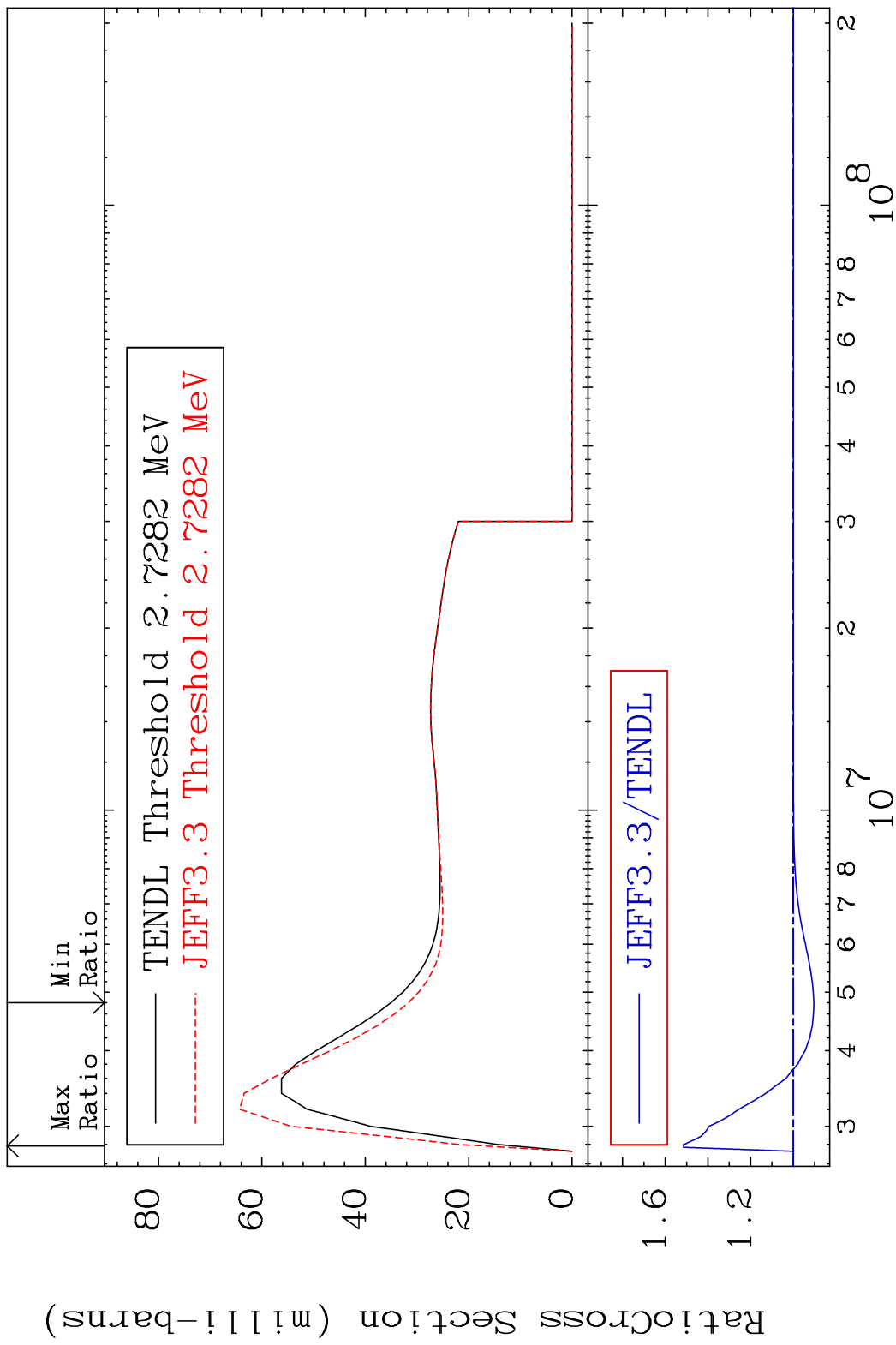
MAT 3243 MT= 64 (n, n') Level 32-Ge-76
 Cross Section -87.67 To 0.000 %



MAT 3243 MT= 65 (n, n') Level 32-Ge-76
 Cross Section -100.0 To 119.0 %

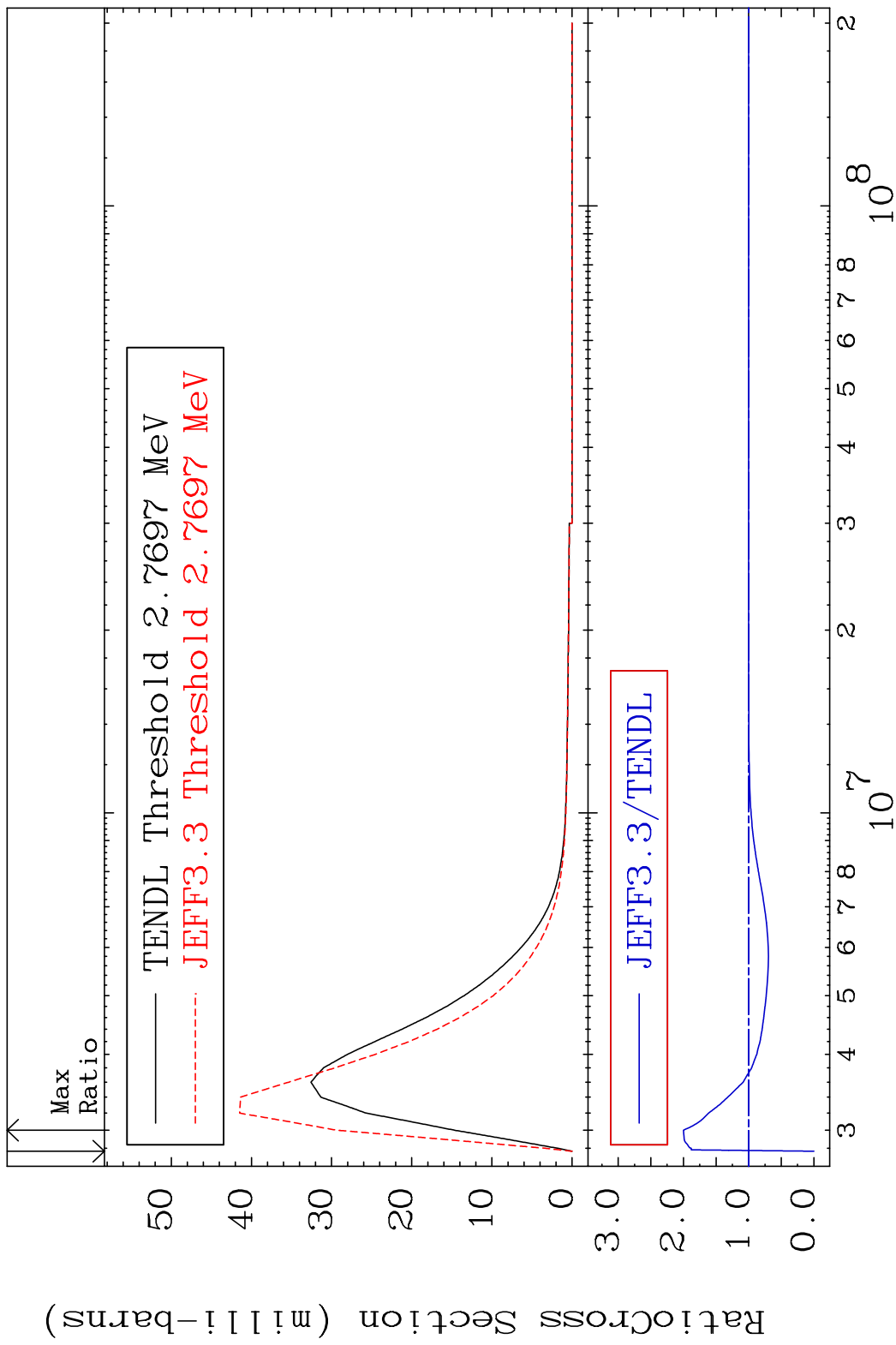


MAT 3243 MT= 66 (n, n') Level 32-Ge-76
 Cross Section -9.639 To 51.48 %



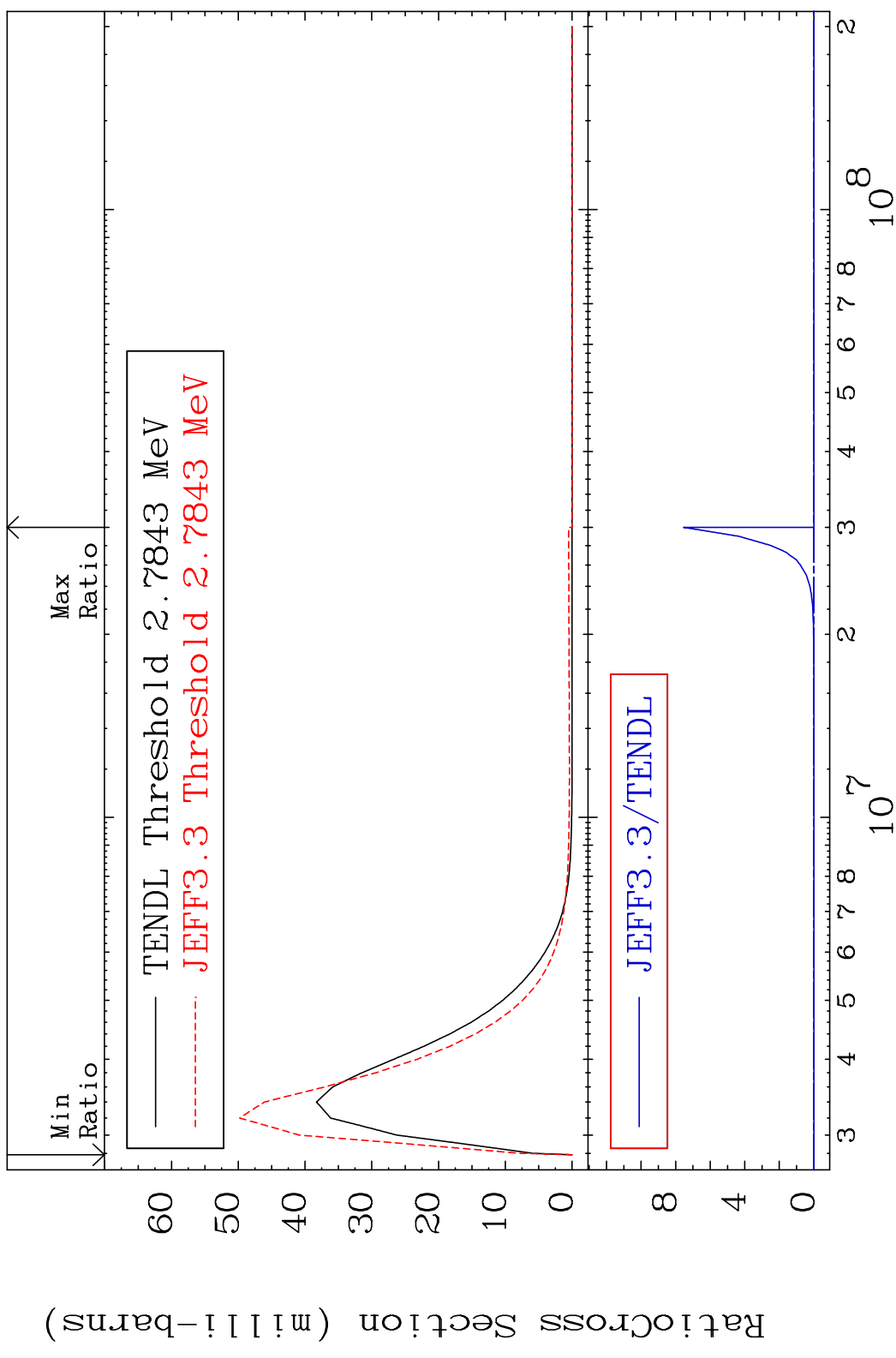
35 32-Ge-76

MAT 3243 MT= 67 (n, n') Level 32-Ge-76
 Cross Section -100.0 To 99.97 %



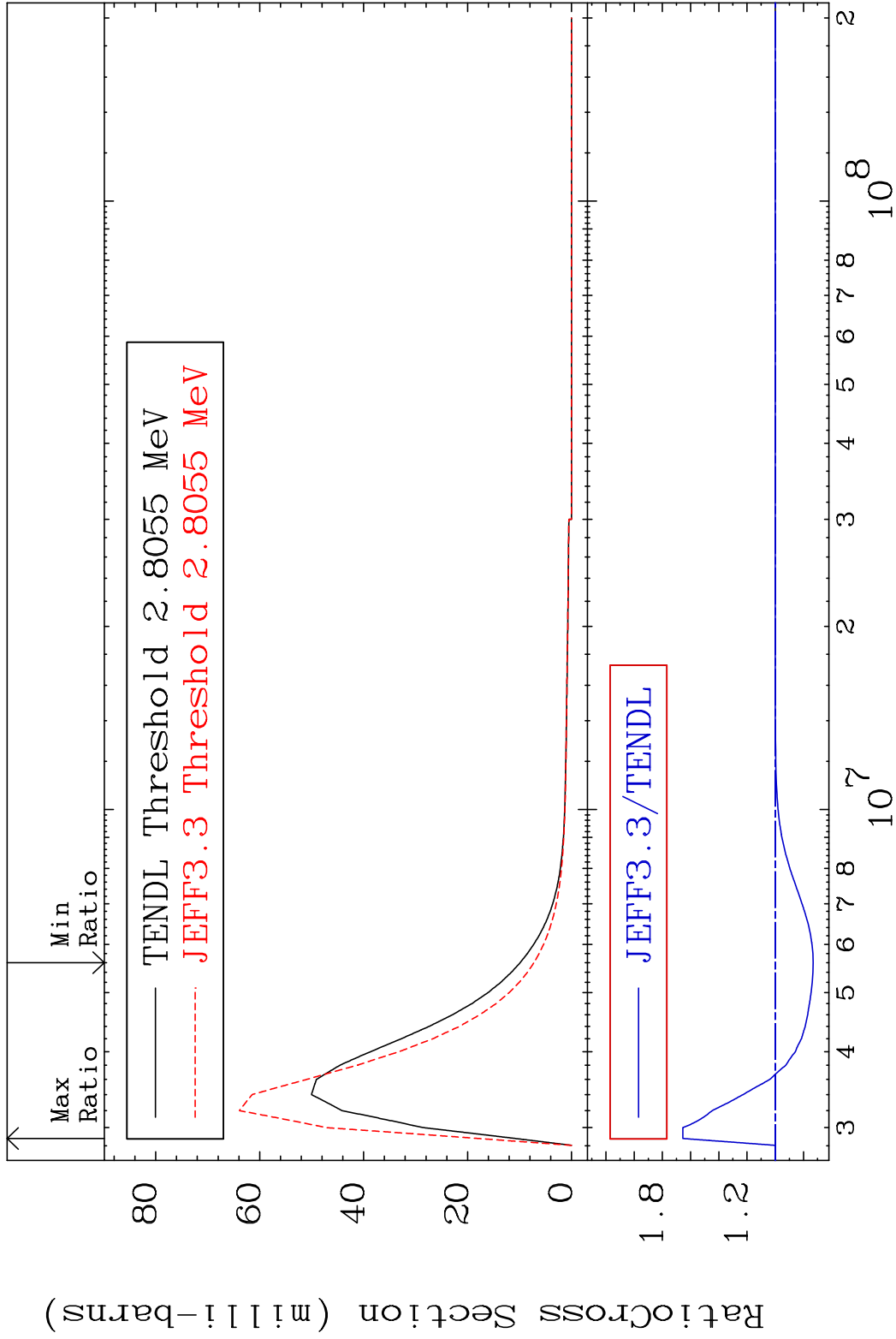
36 Incident Energy (eV) 32-Ge-76

MAT 3243 MT= 68 (n, n') Level 32-Ge-76
 Cross Section -100.0 To 9999. %



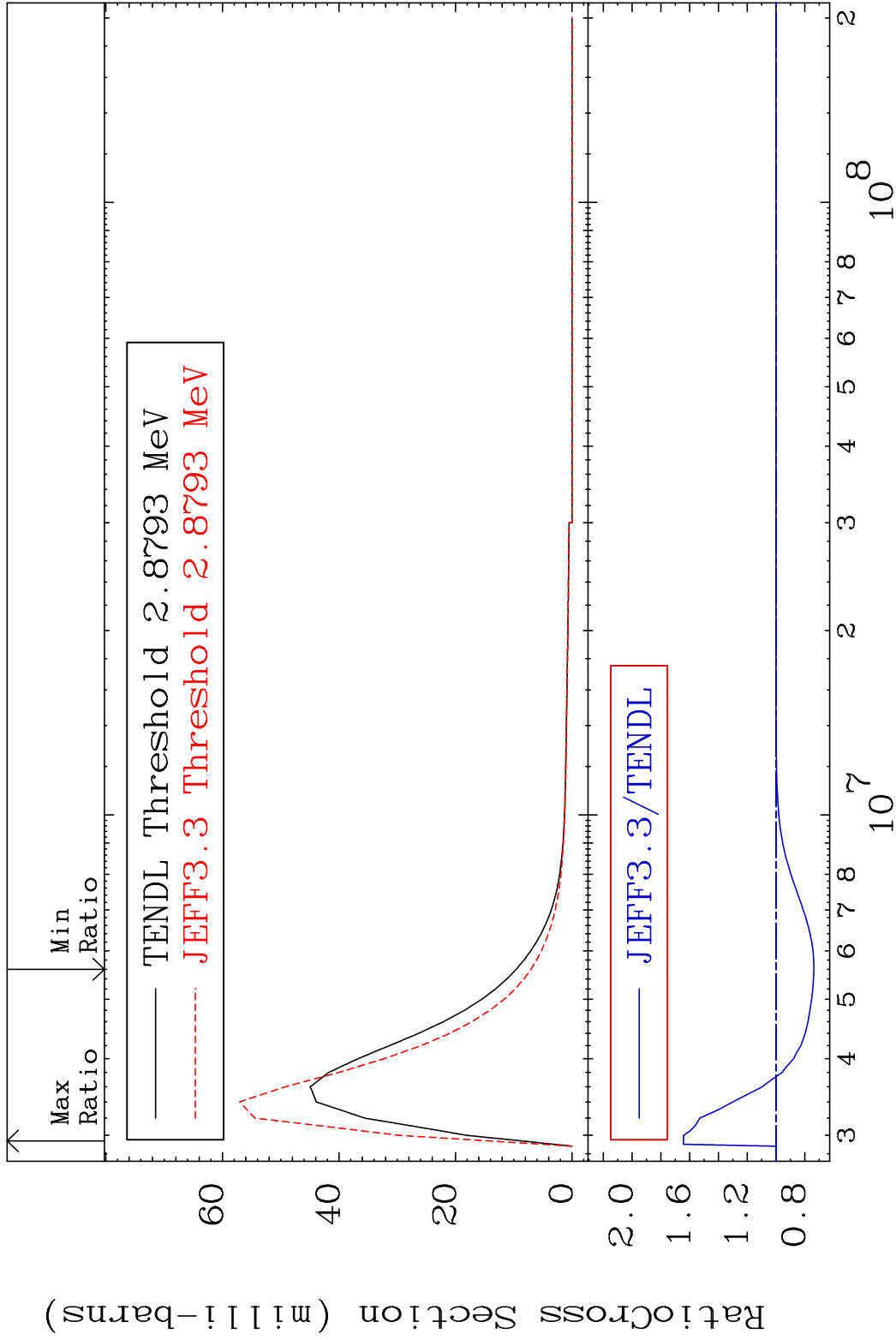
37 Incident Energy (eV) 32-Ge-76

MAT 3243 MT= 69 (n, n') Level 32-Ge-76
 Cross Section -26.83 To 65.53 %



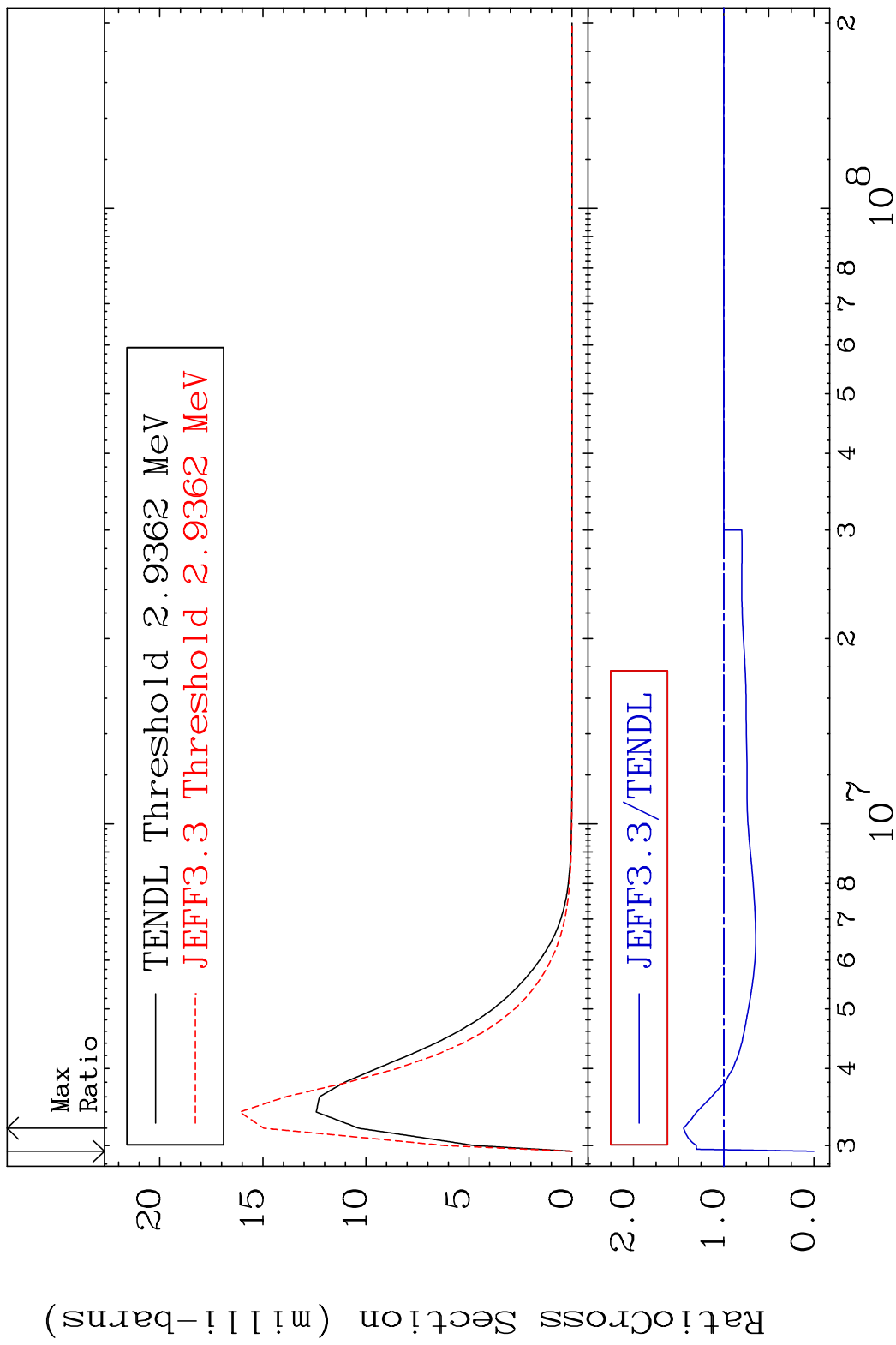
38 32-Ge-76

MAT 3243 MT= 70 (n, n') Level 32-Ge-76
 Cross Section -26.35 To 64.25 %



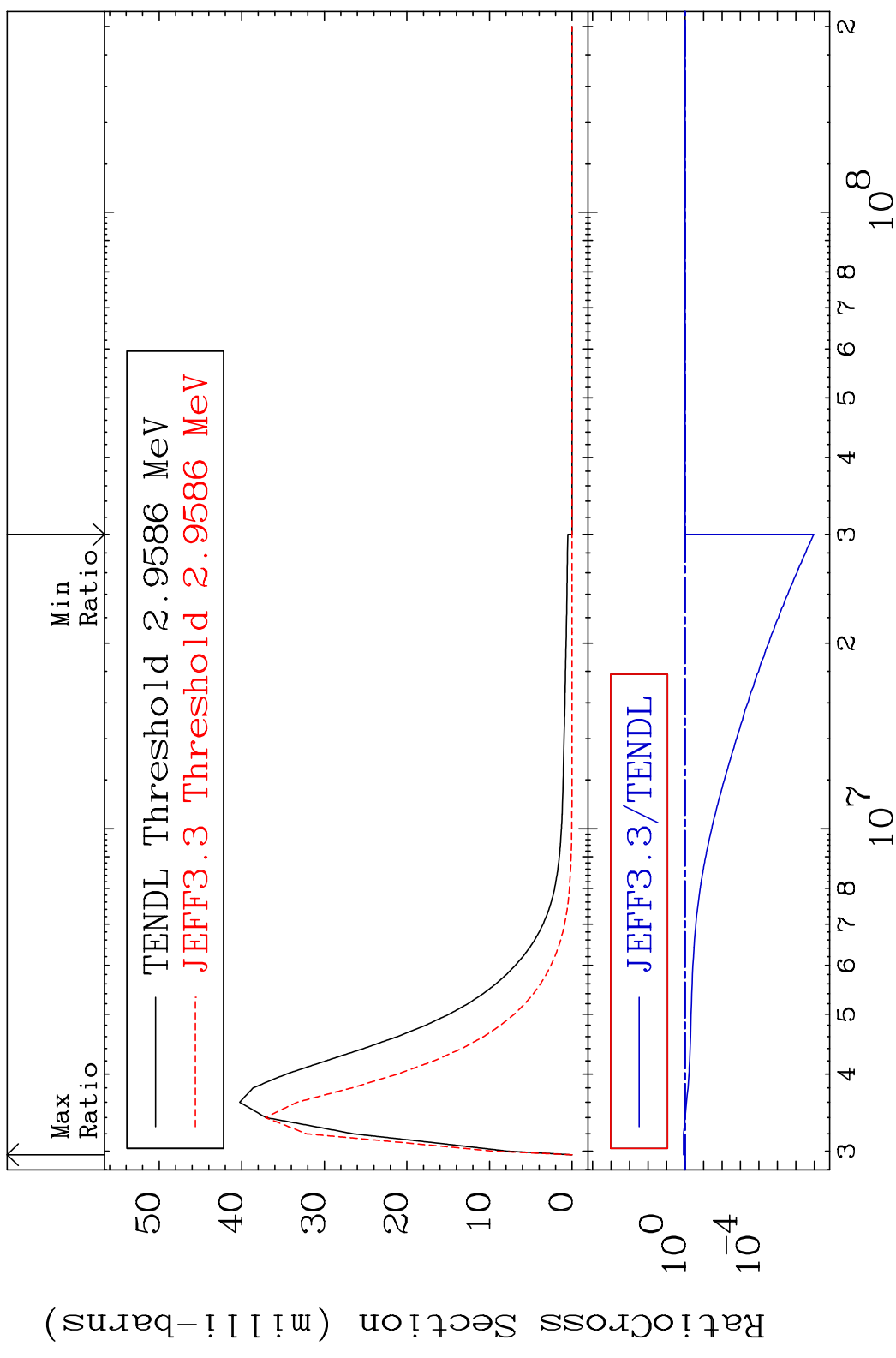
39 Incident Energy (eV) 32-Ge-76

MAT 3243 MT= 71 (n, n') Level 32-Ge-76
 Cross Section -100.0 To 44.56 %



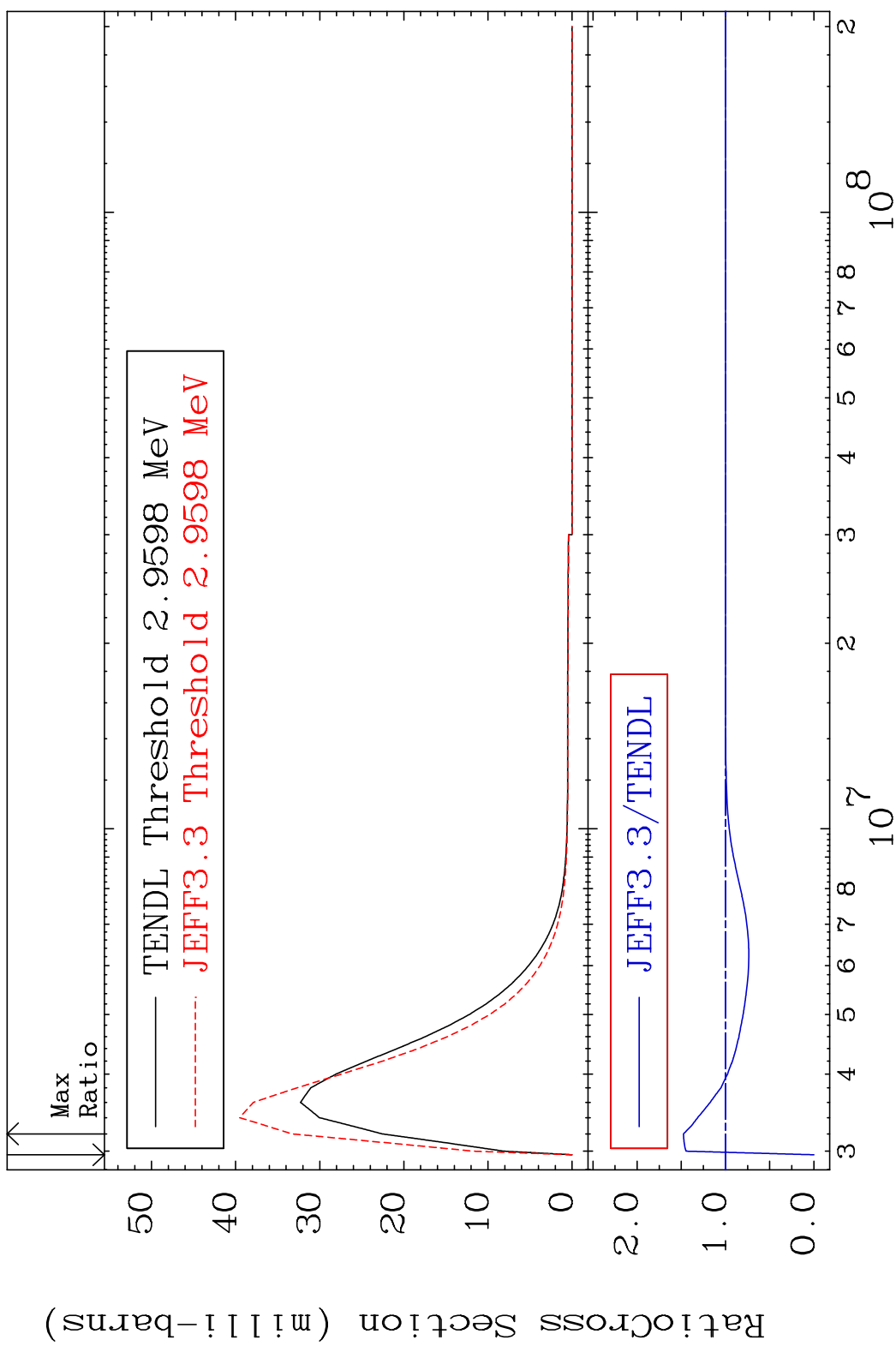
40 32-Ge-76

MAT 3243 MT= 72 (n, n') Level 32-Ge-76
 Cross Section -100.0 To 21.85 %

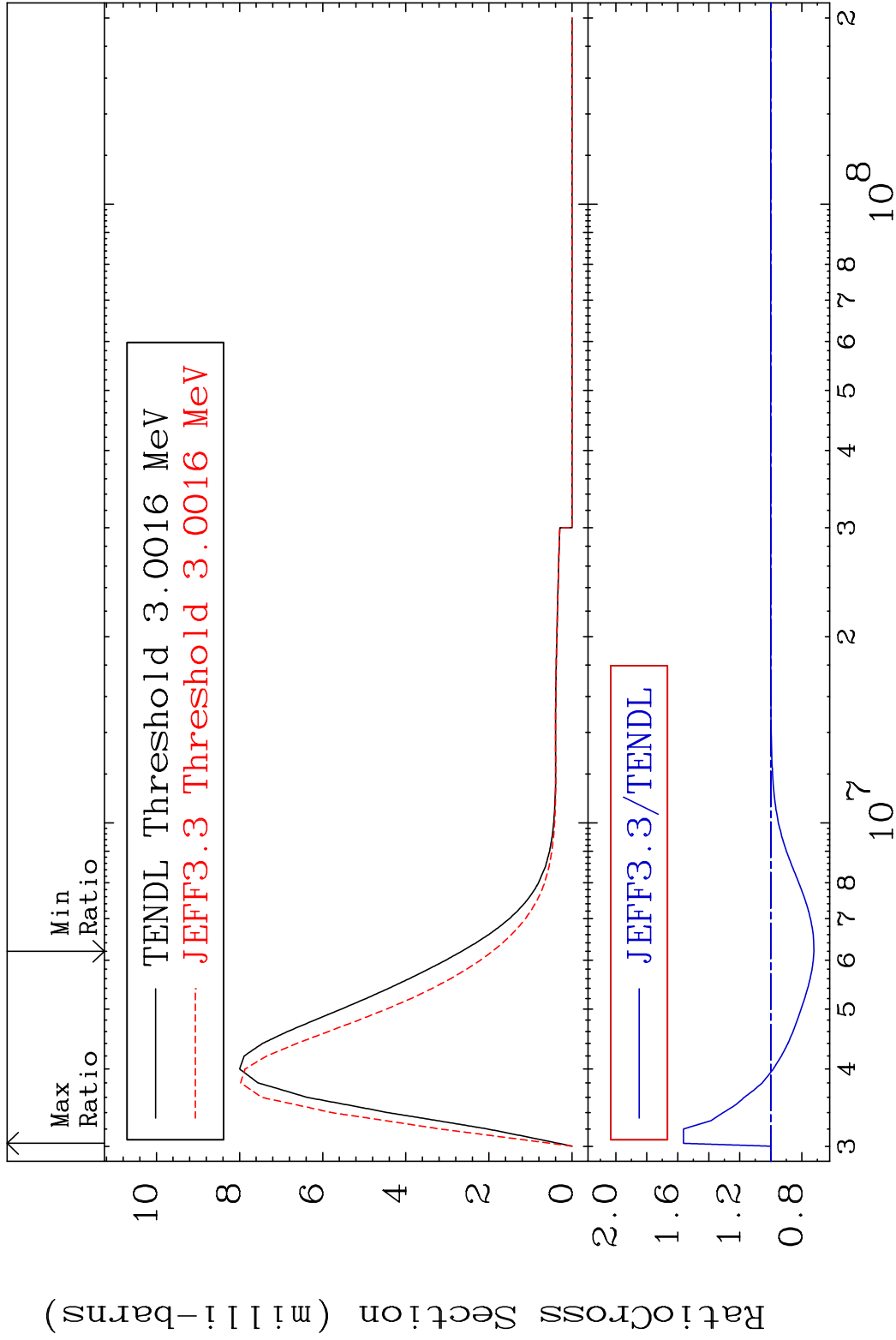


41 Incident Energy (eV) 32-Ge-76

MAT 3243 MT= 73 (n, n') Level 32-Ge-76
 Cross Section -100.0 To 47.58 %

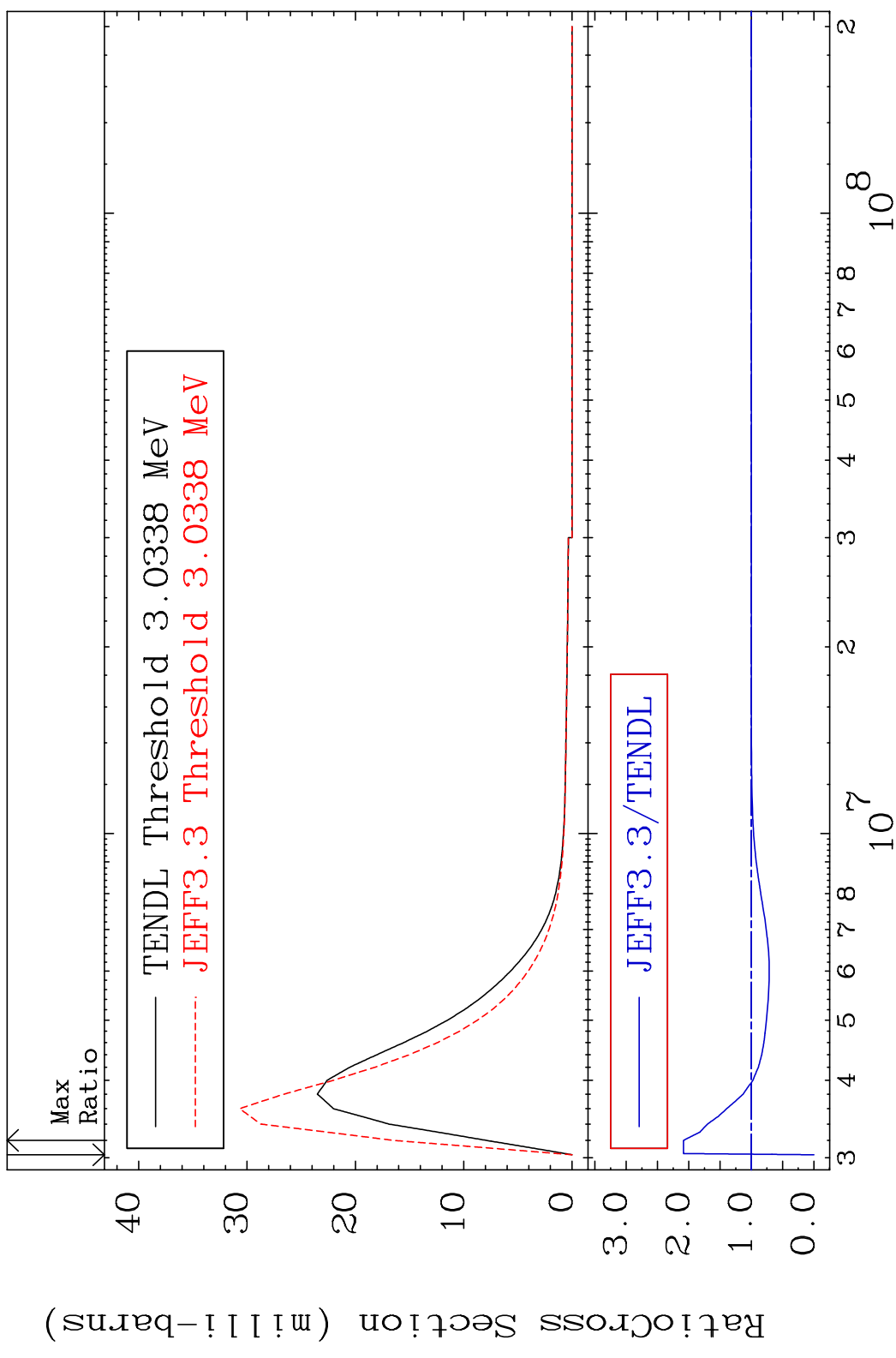


MAT 3243 MT= 74 (n, n') Level 32-Ge-76
 Cross Section -27.82 To 56.35 %

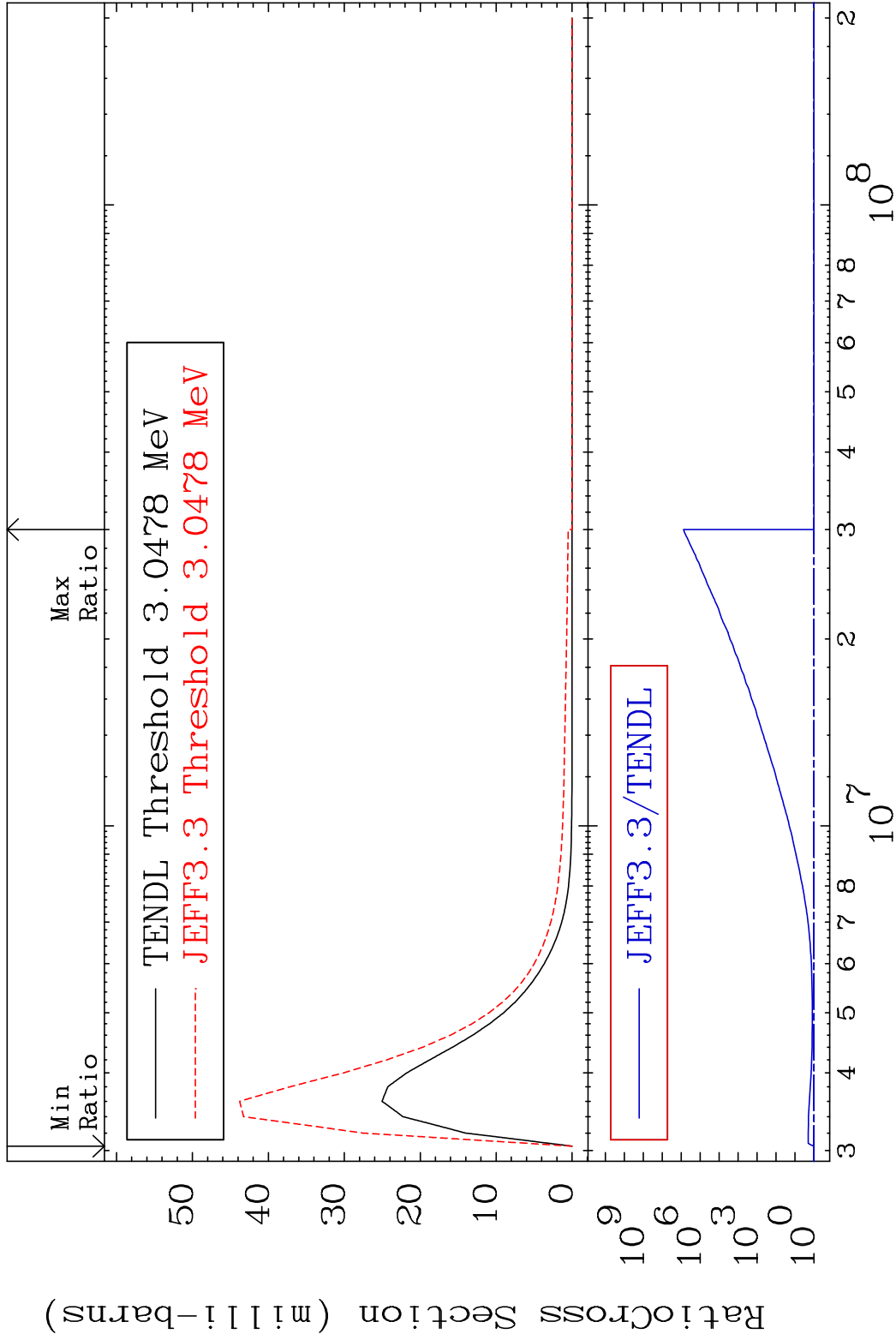


43 Incident Energy (eV) 32-Ge-76

MAT 3243 MT= 75 (n, n') Level 32-Ge-76
 Cross Section -100.0 To 108.5 %

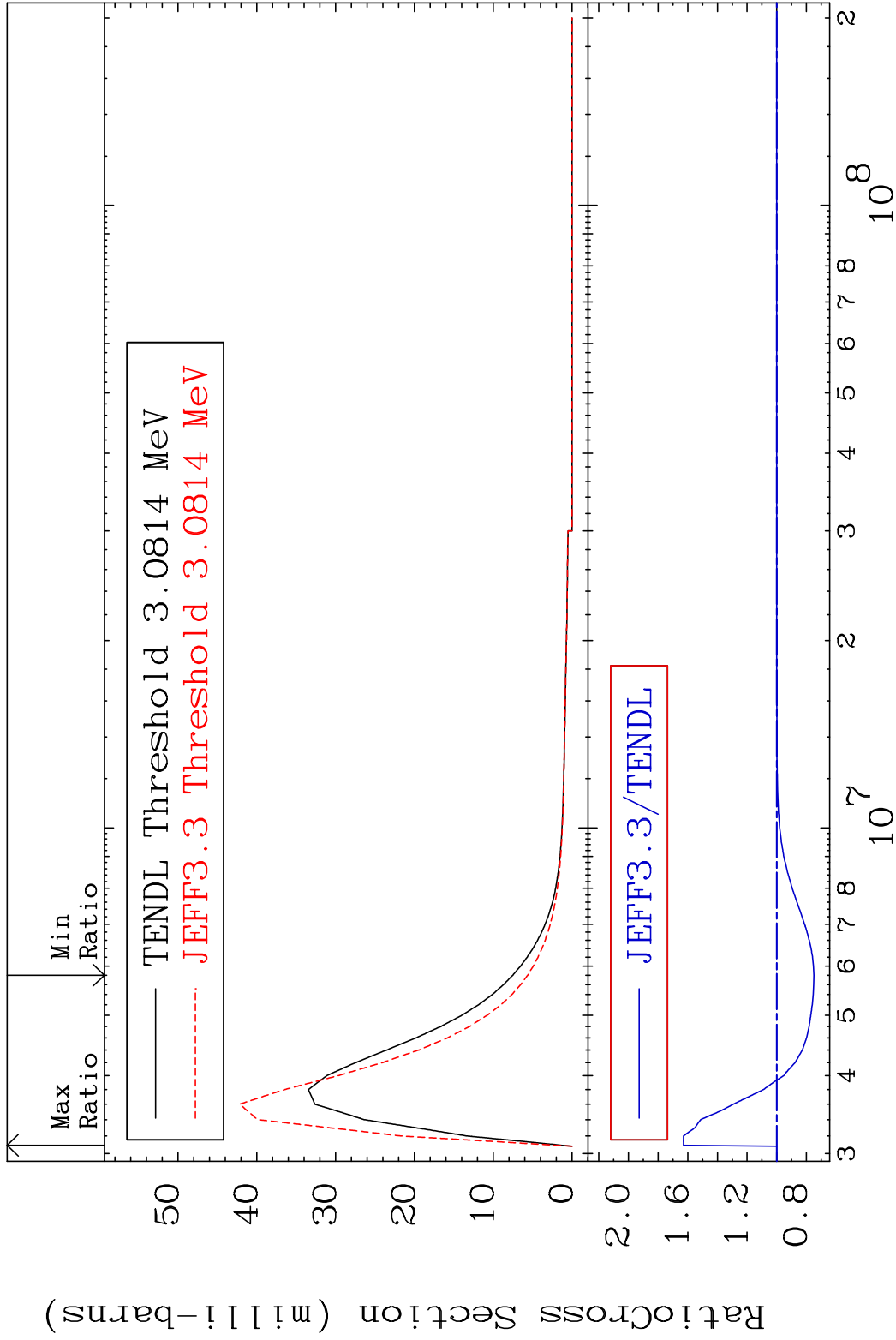


MAT 3243 MT= 76 (n, n') Level 32-Ge-76
 Cross Section 0.000 To 9999. %



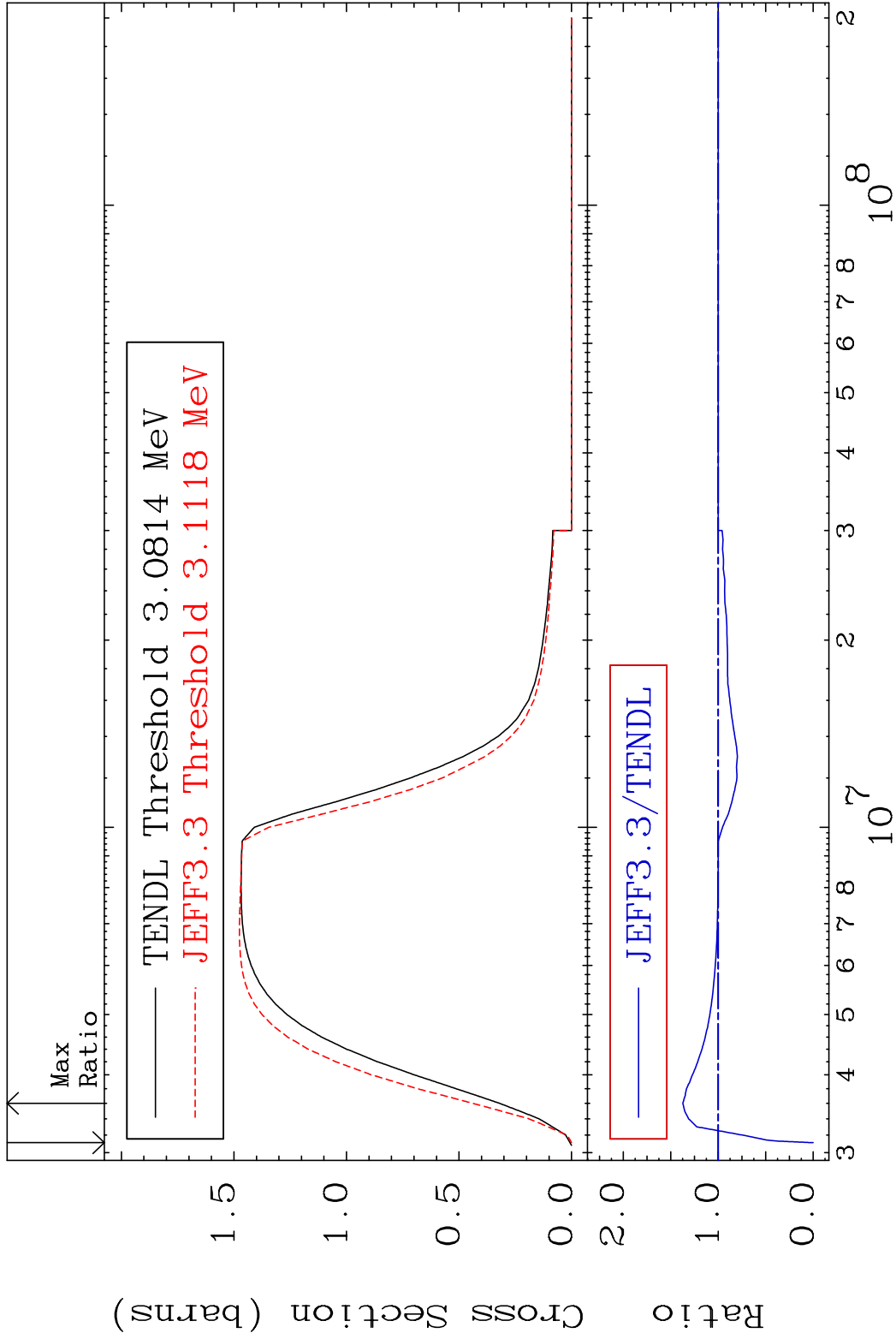
45 Incident Energy (eV) 32-Ge-76

MAT 3243 MT= 77 (n, n') Level 32-Ge-76
 Cross Section -25.01 To 62.92 %

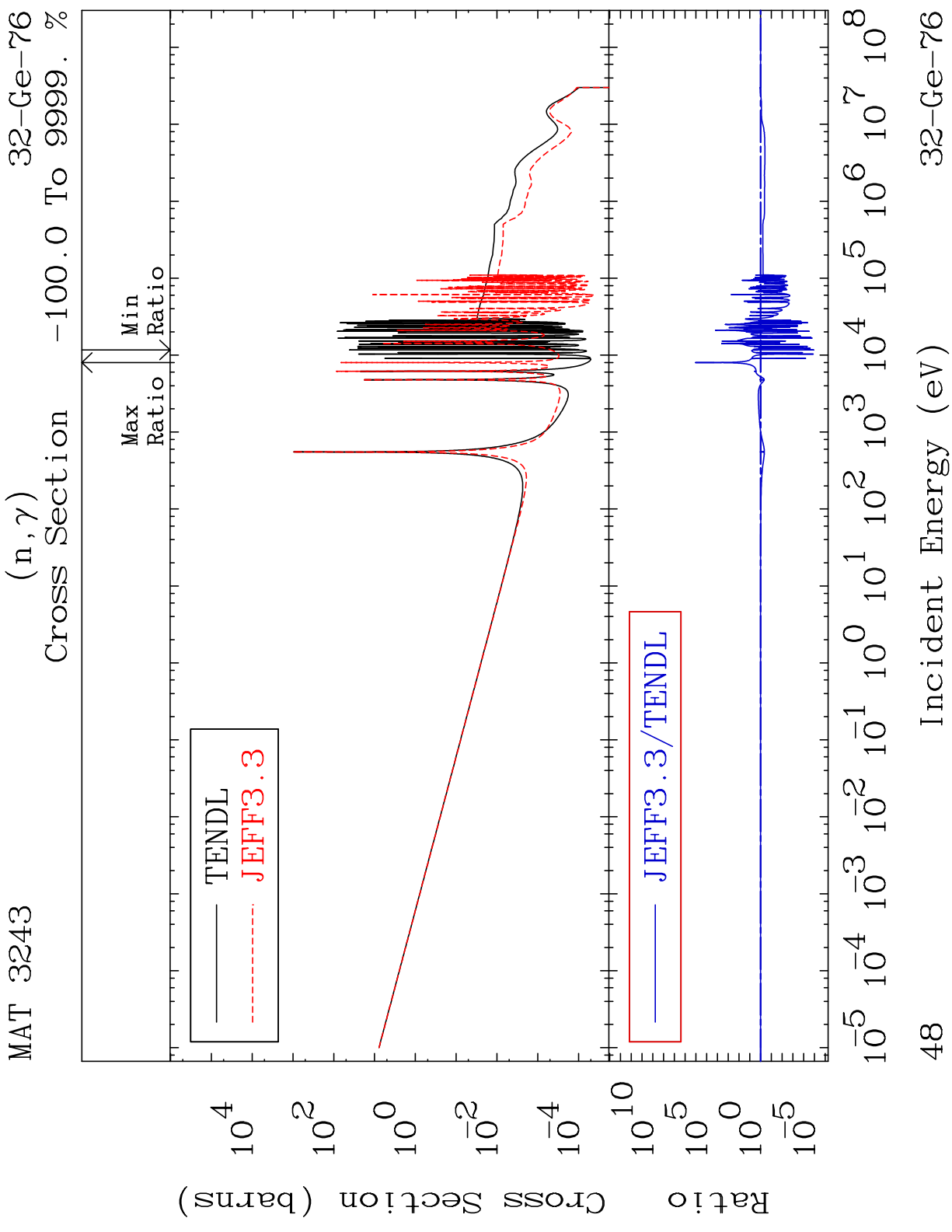


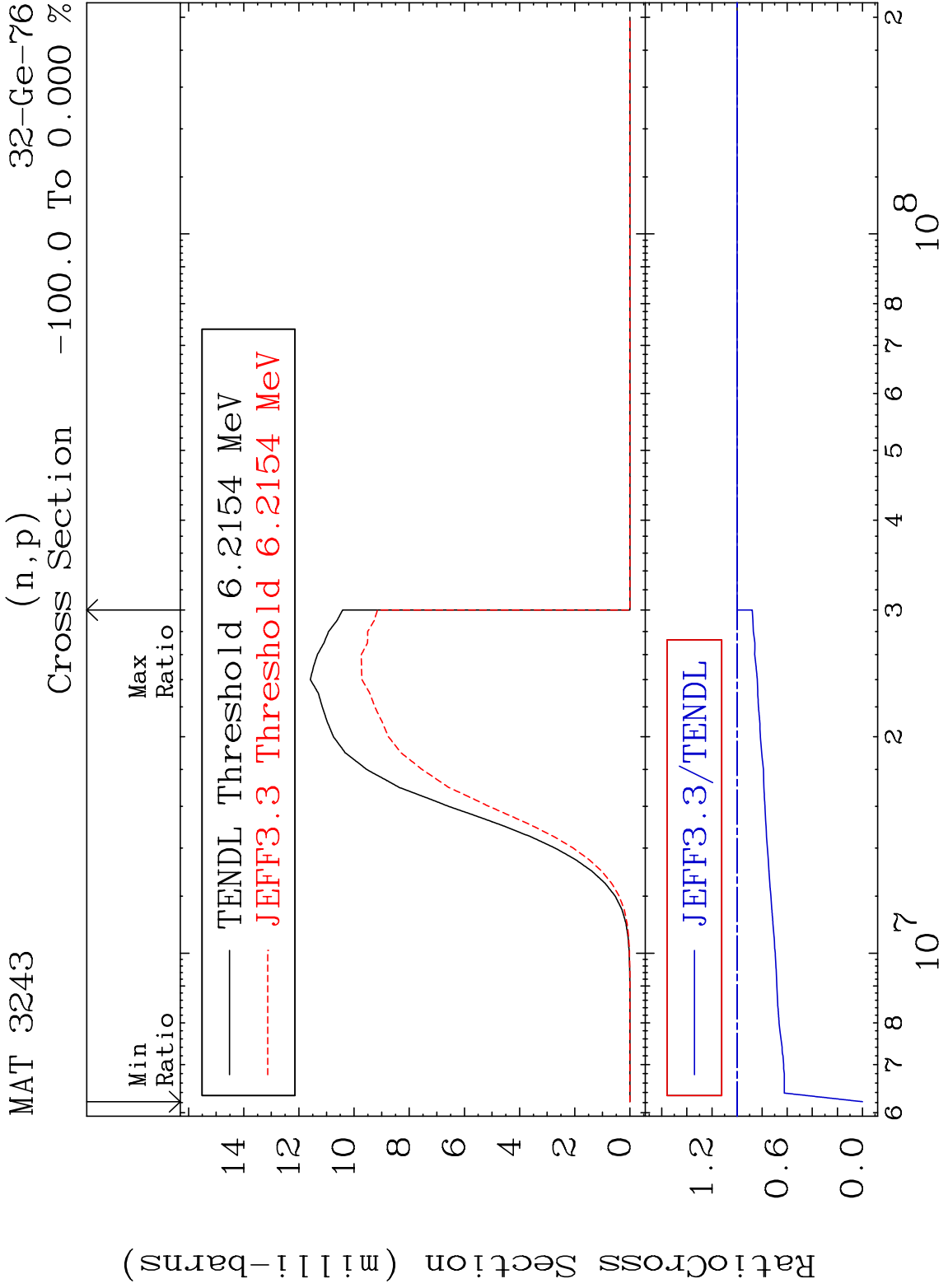
46 Incident Energy (eV) 32-Ge-76

MAT 3243 (n,n') Continuum 32-Ge-76
 Cross Section -100.0 To 37.26 %

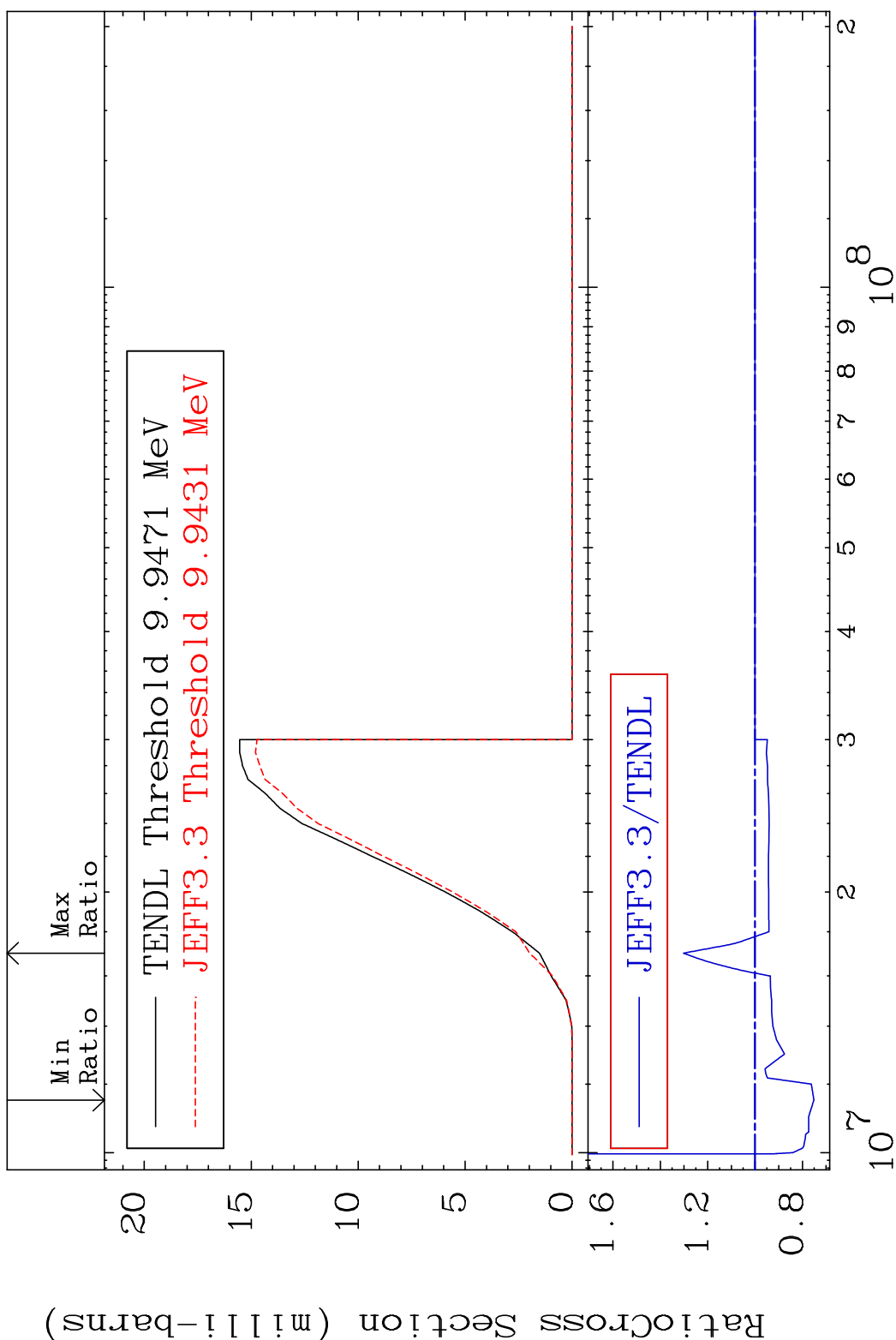


47 Incident Energy (eV) 32-Ge-76

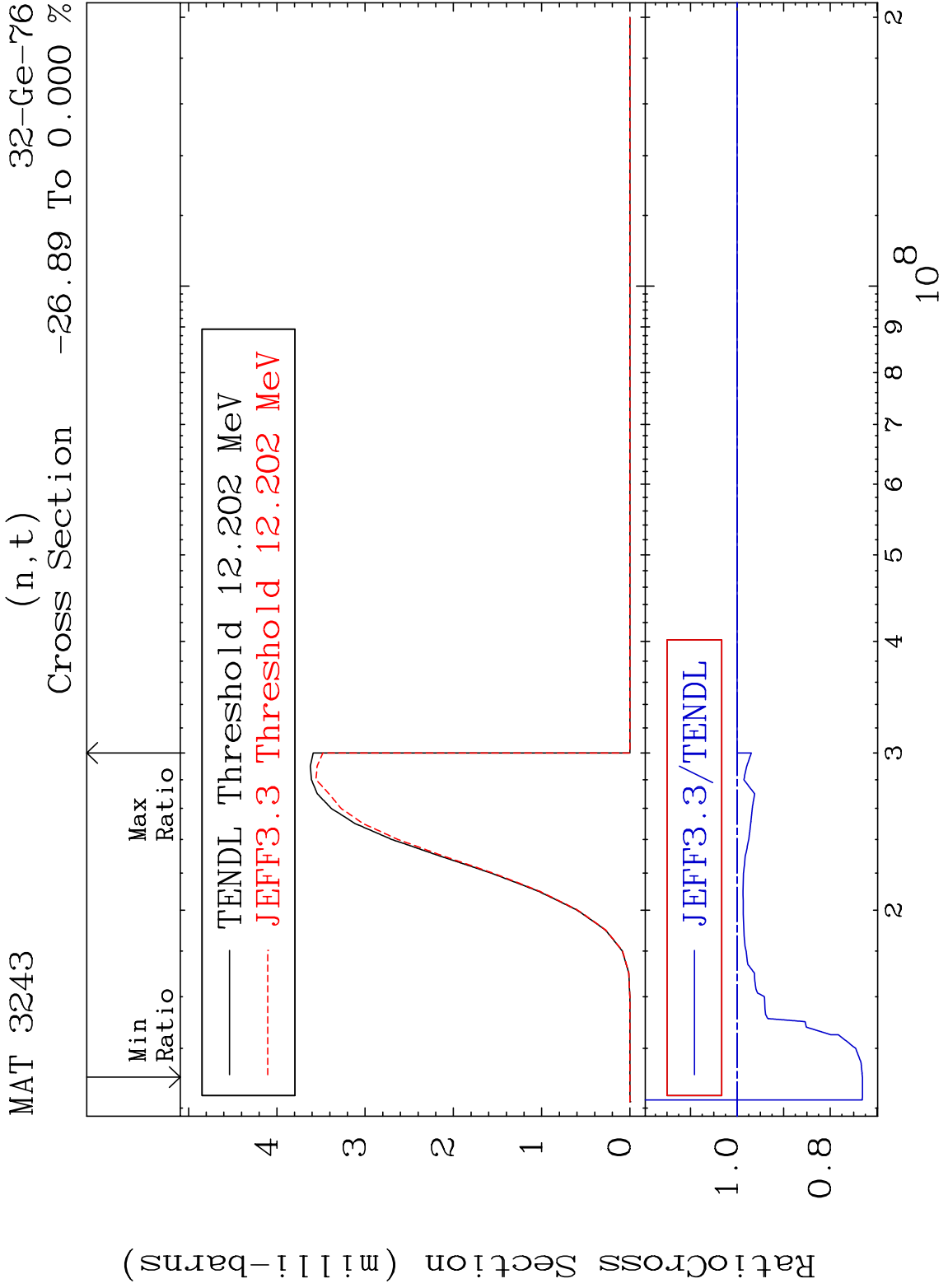


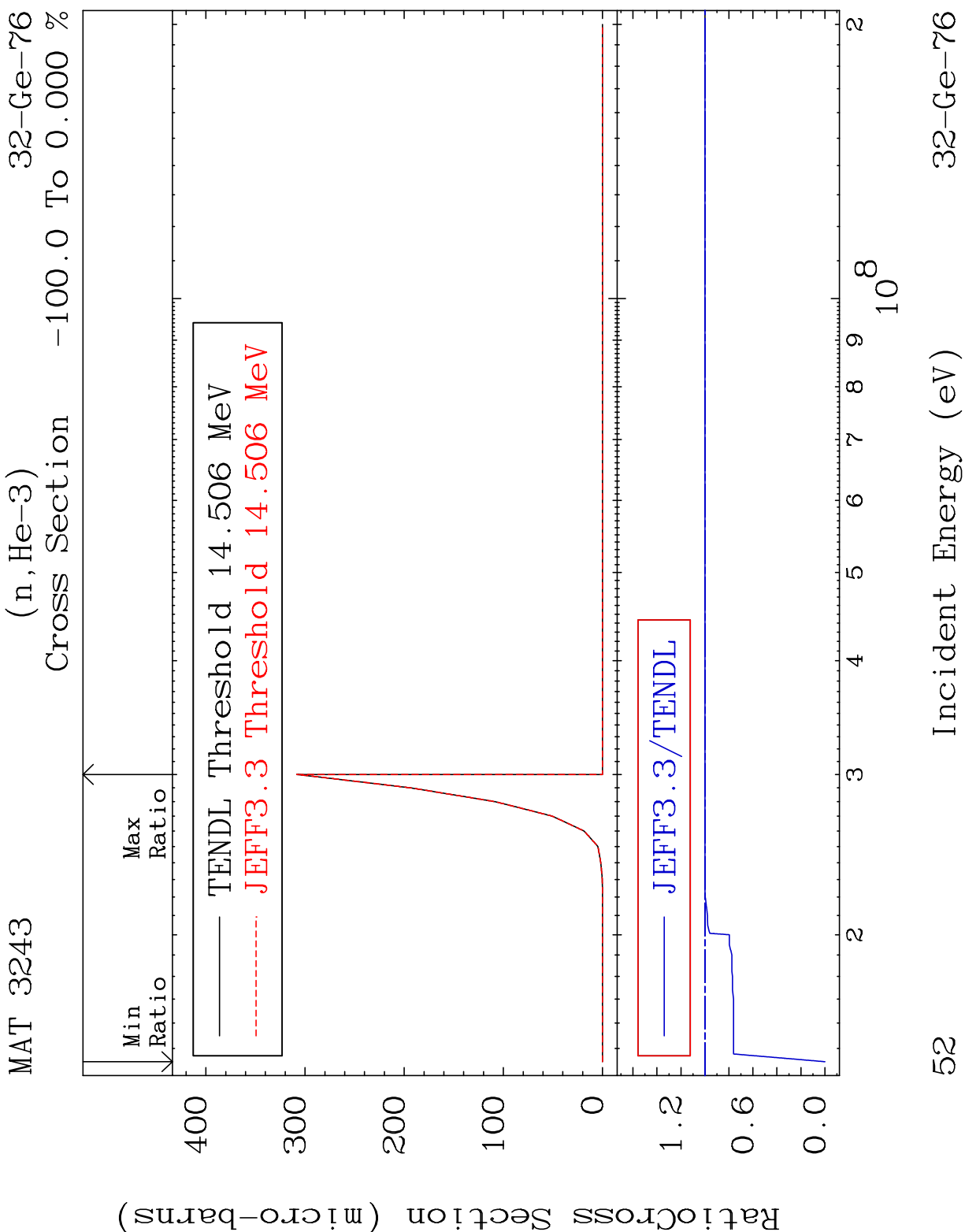


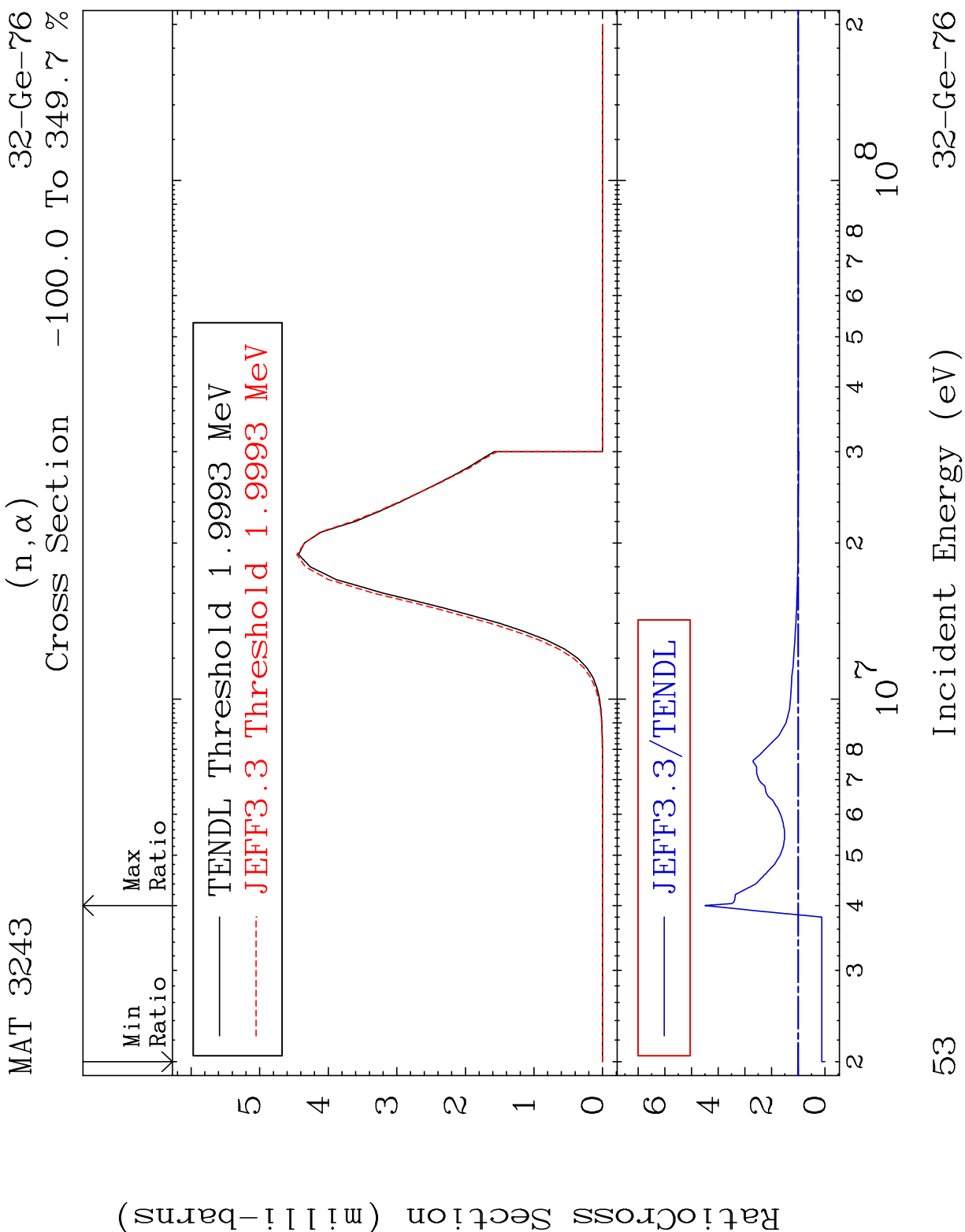
MAT 3243 (n, d) 32-Ge-76
Cross Section -24.84 To 30.23 %

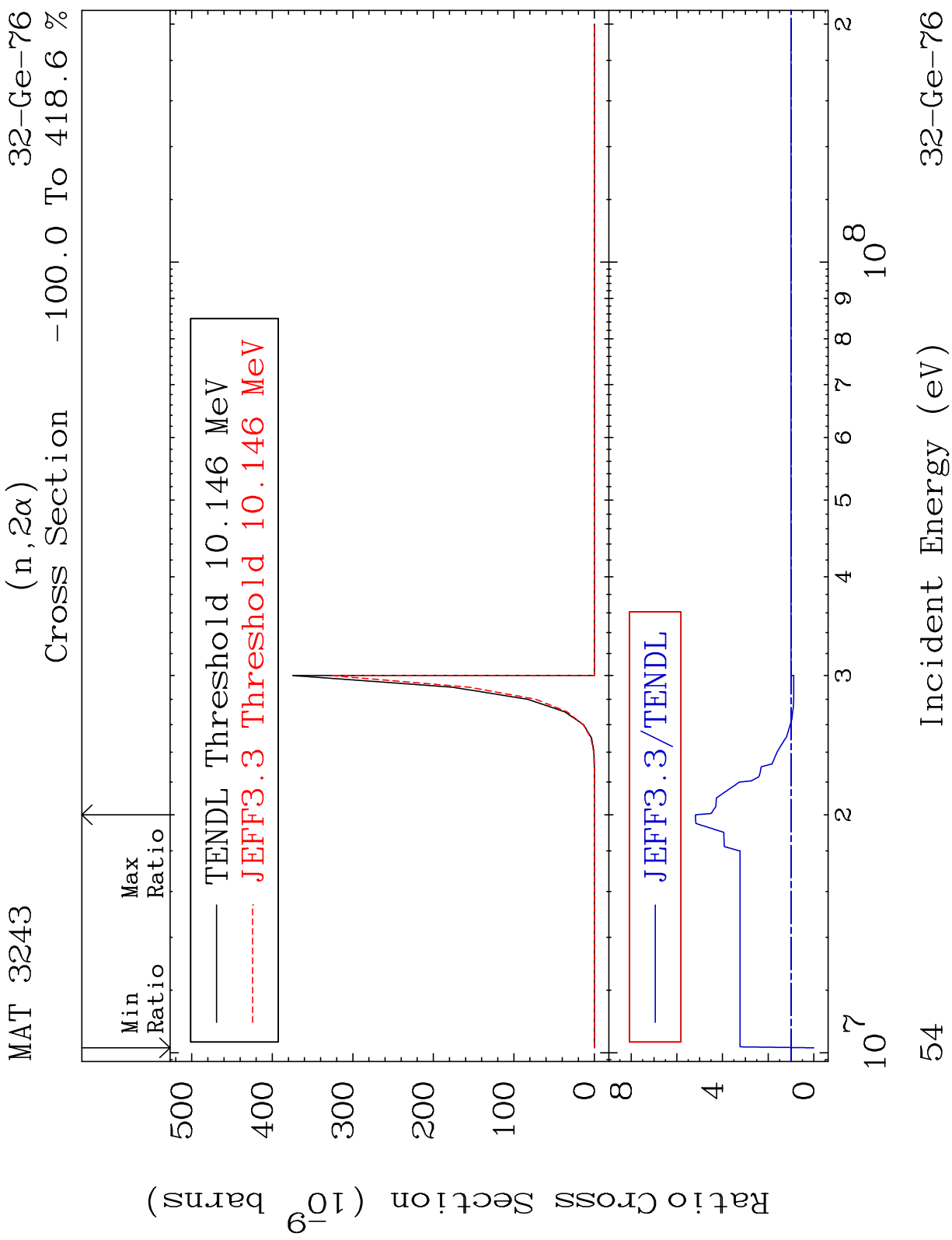


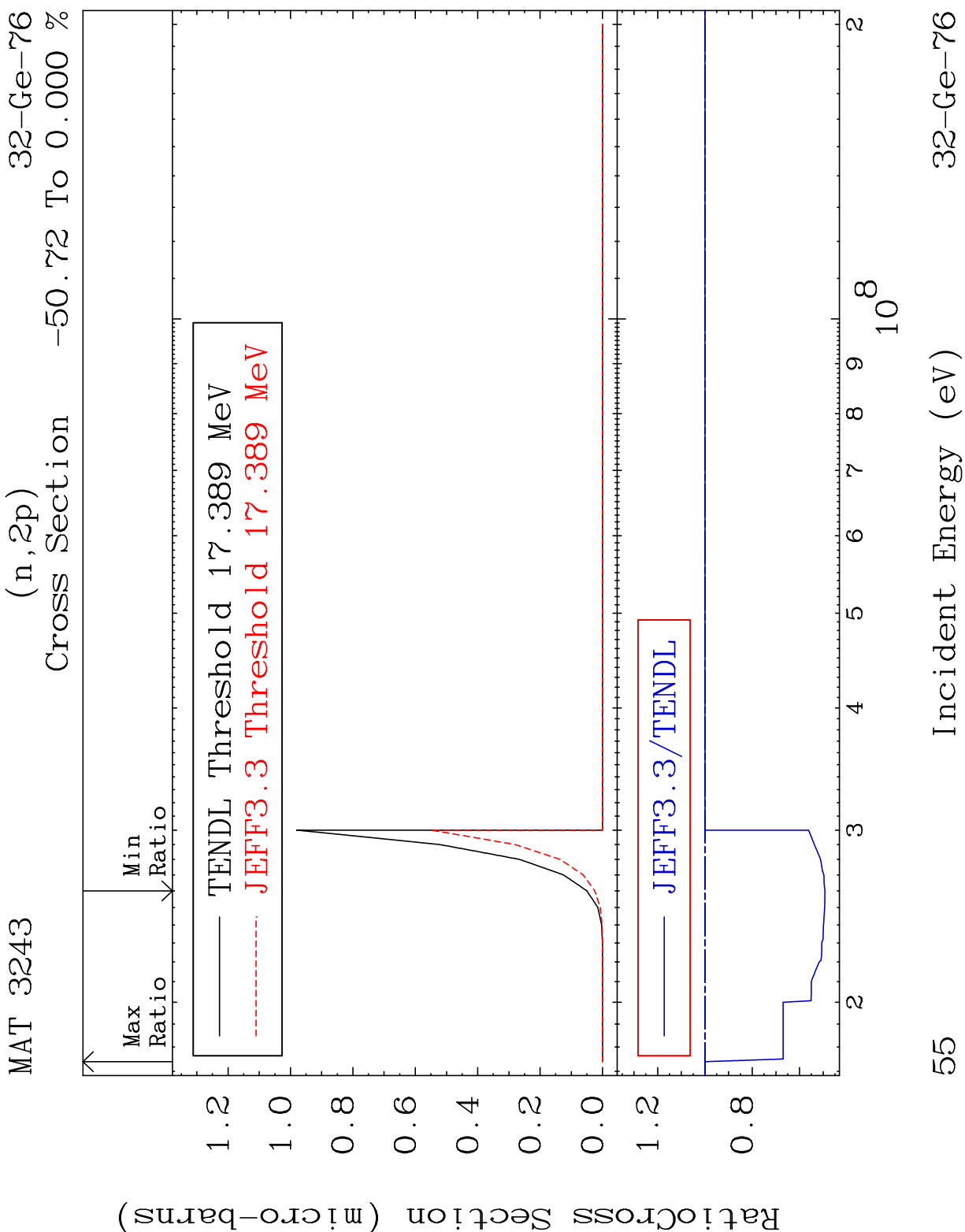
50 32-Ge-76









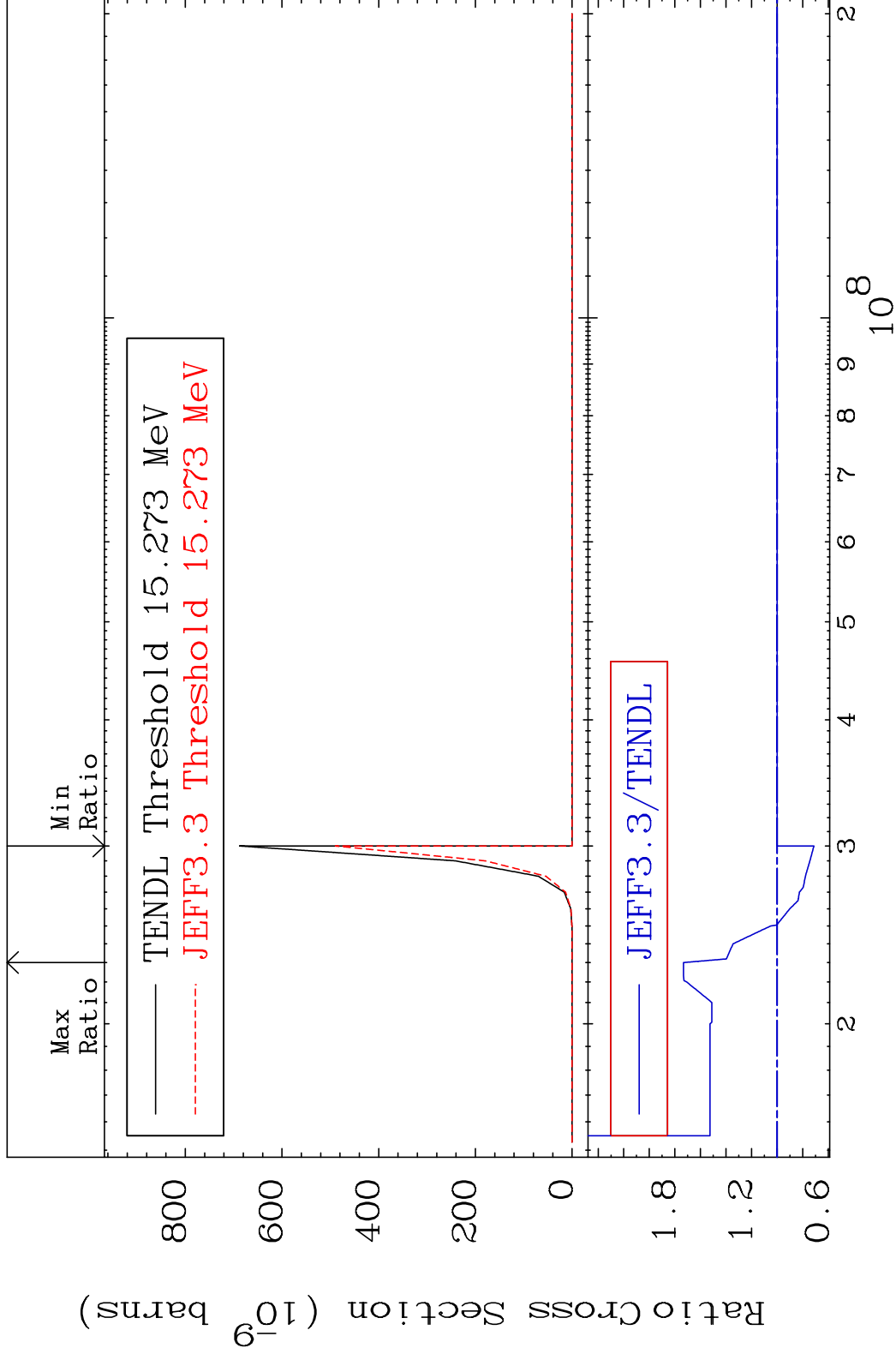


MAT 3243

(n, p) α

32-Ge-76

Cross Section -28.78 To 73.28 %



56

Incident Energy (eV)

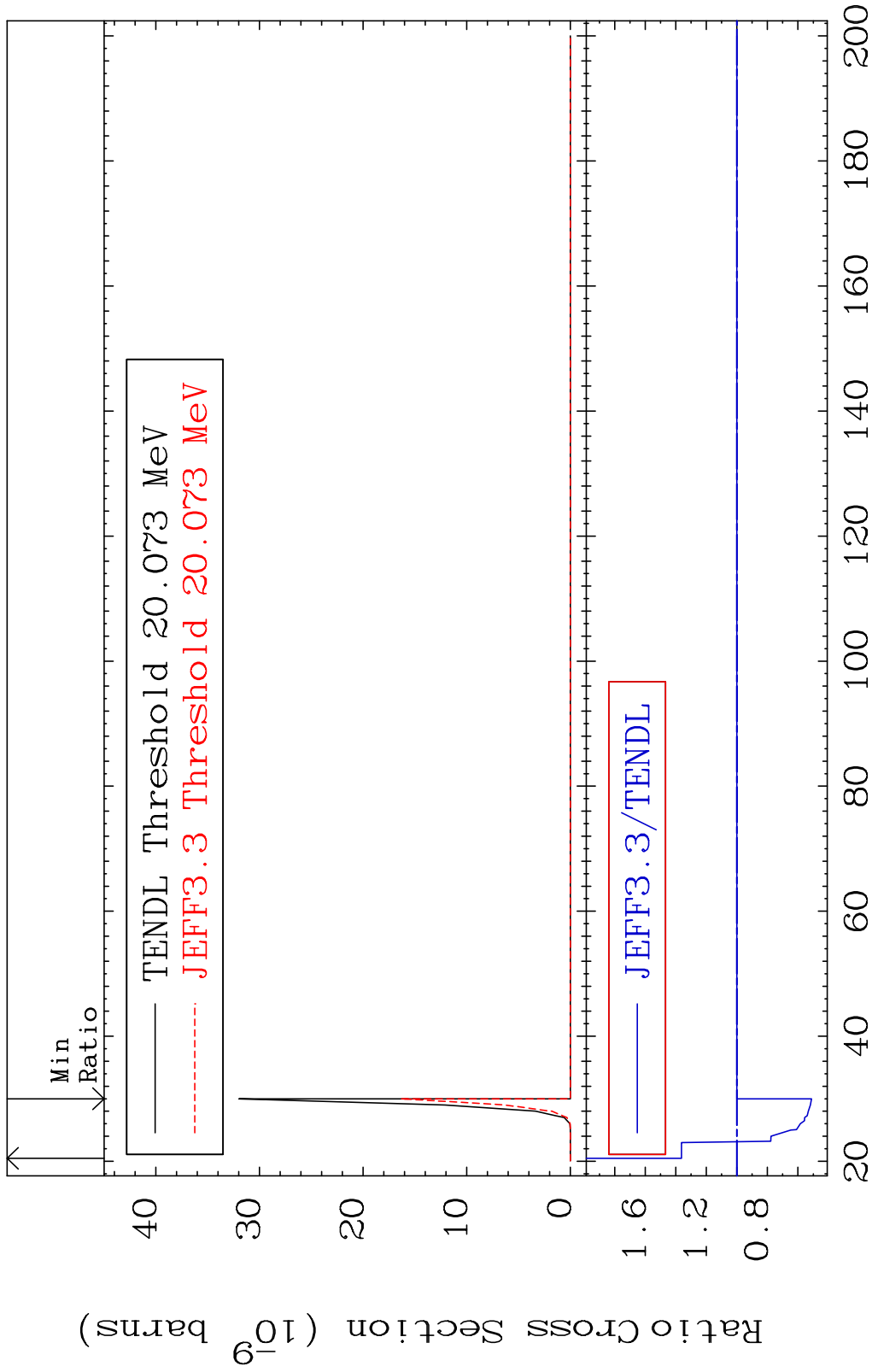
32-Ge-76

MAT 3243

(n,p) d

32-Ge-76

Cross Section -48.84 To 36.28 %

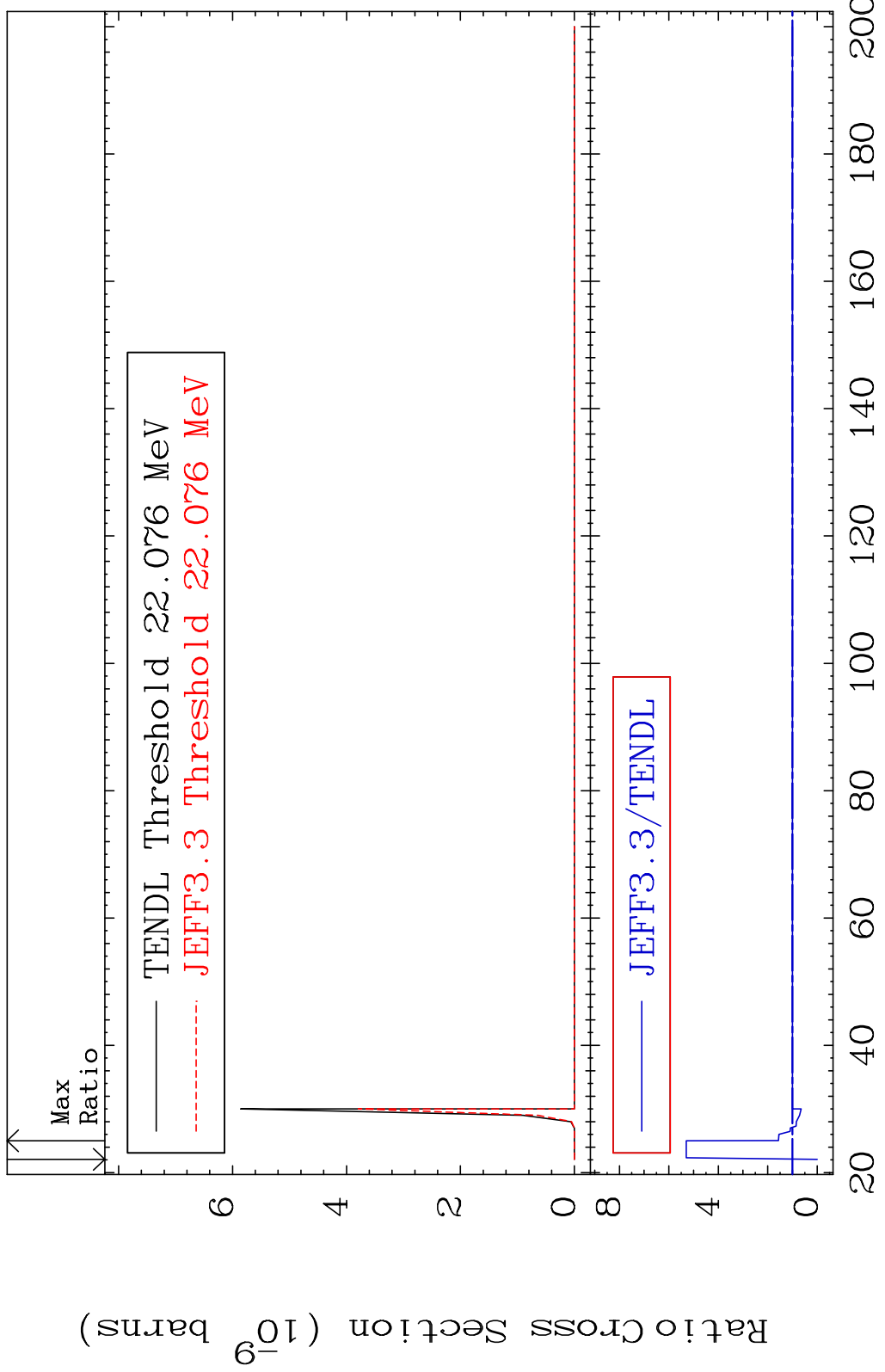


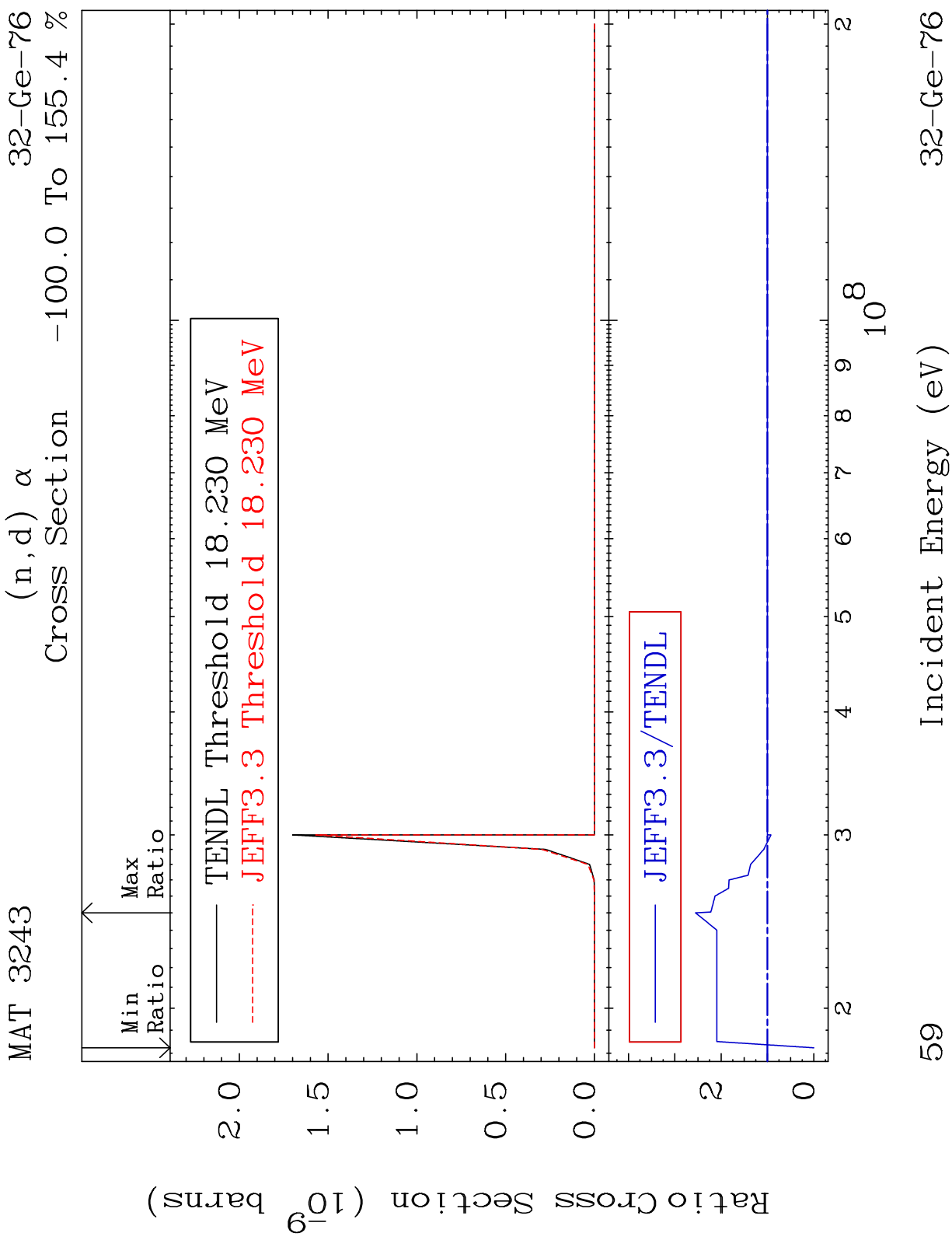
57

Incident Energy (MeV)

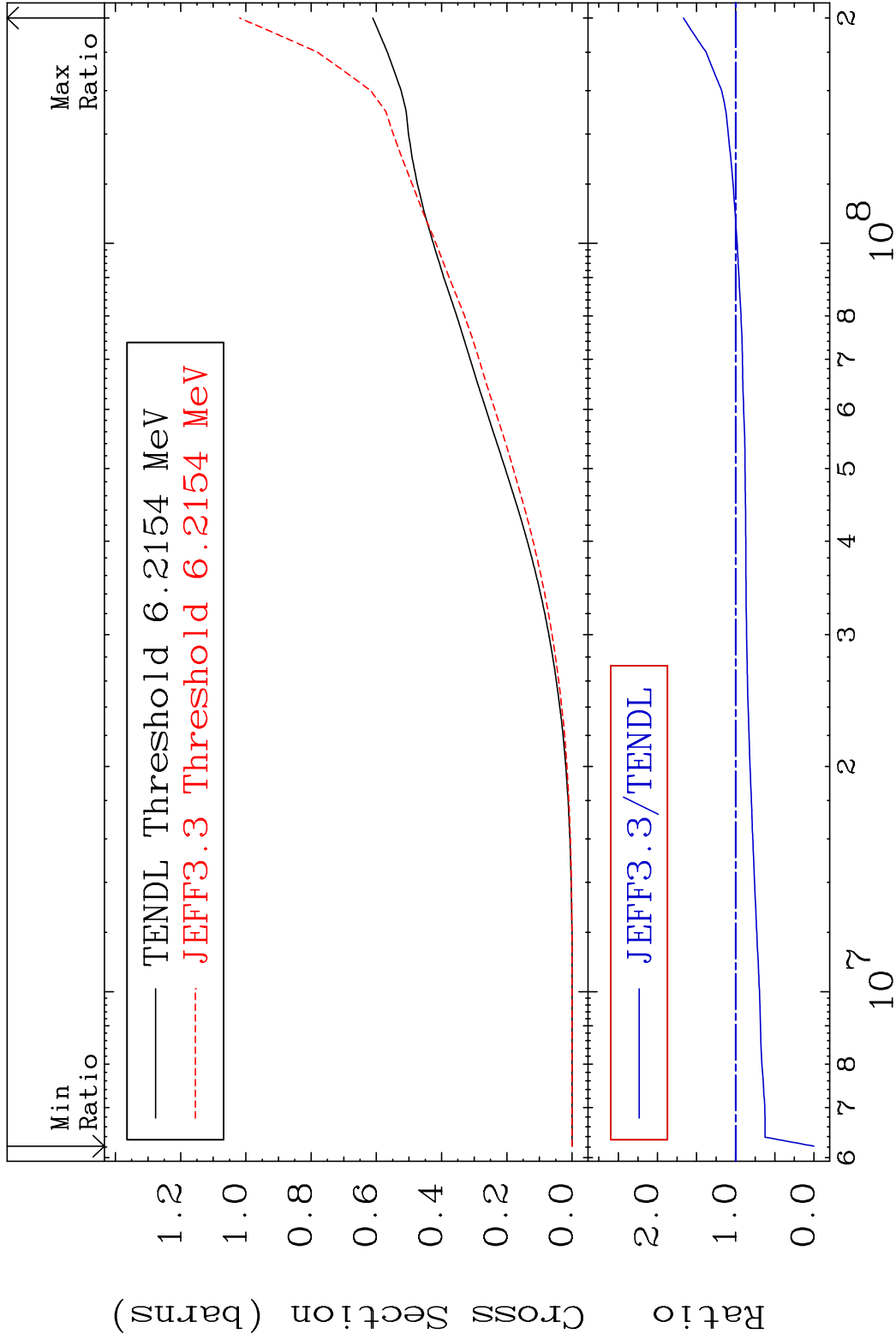
32-Ge-76

MAT 3243 (n,p) t 32-Ge-76
Cross Section -100.0 To 429.7 %



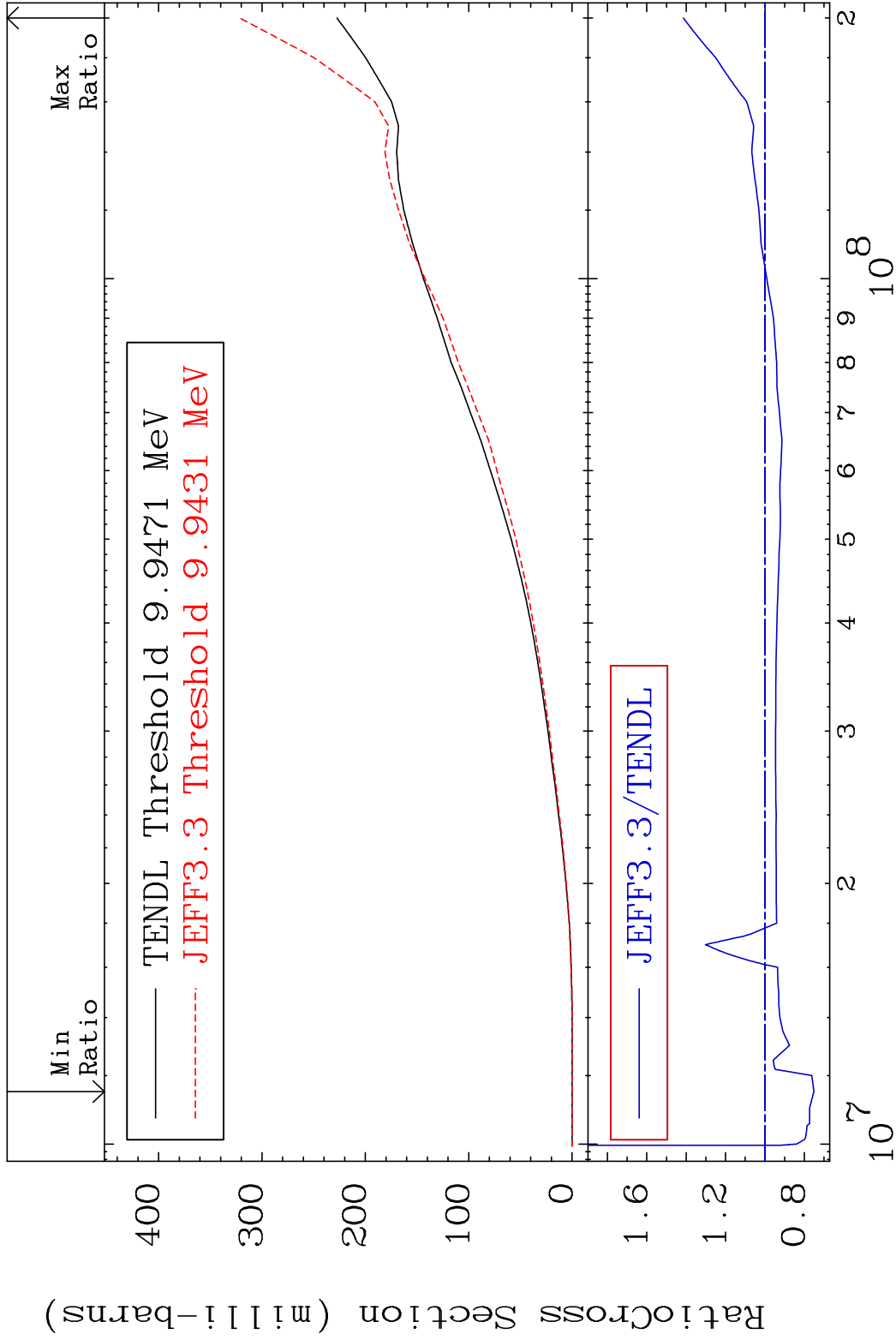


MAT 3243 Hydrogen Production 32-Ge-76
 Cross Section -100.0 To 66.80 %



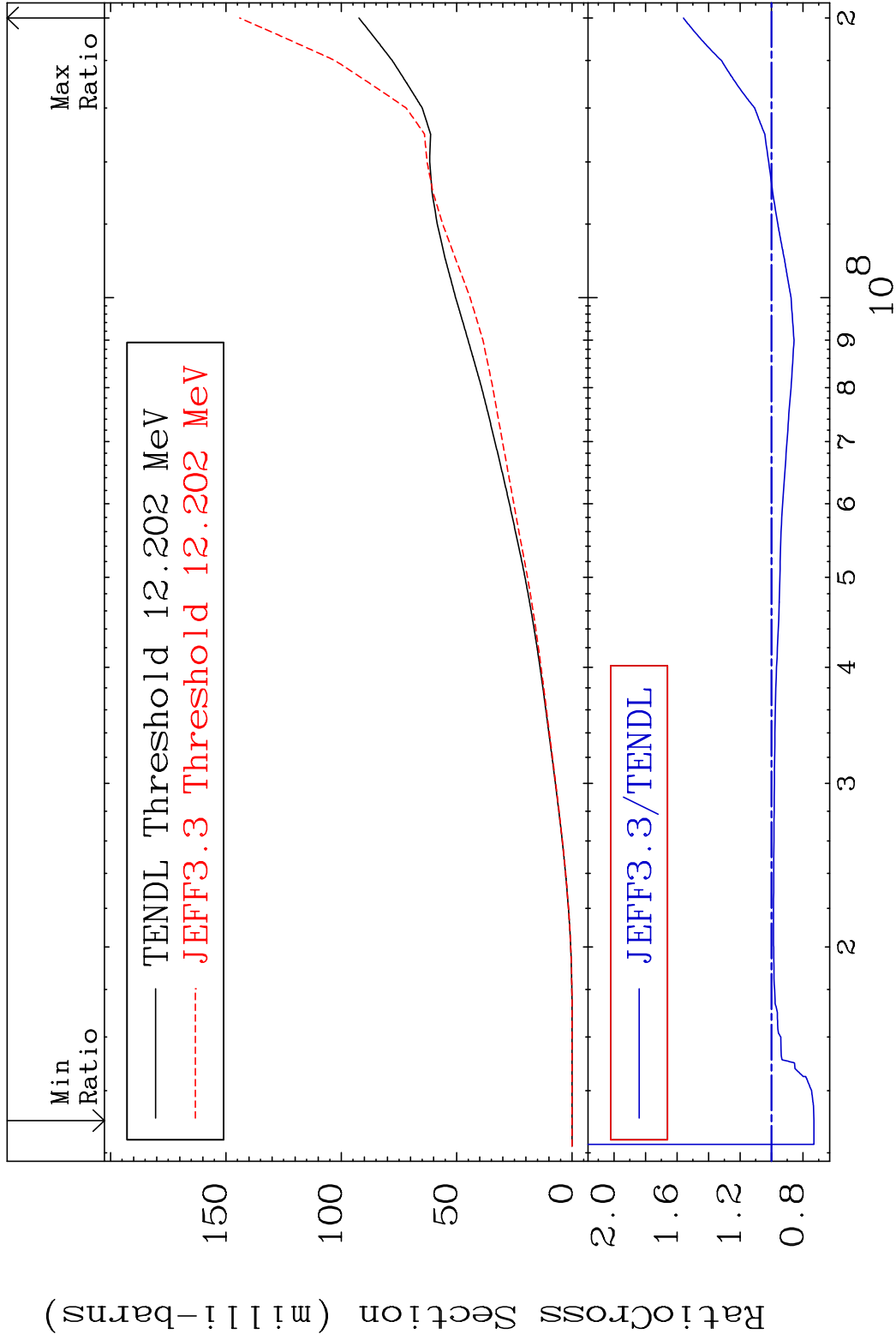
60 32-Ge-76

MAT 3243 Deuterium Production 32-Ge-76
 Cross Section -24.84 To 41.39 %



61 Incident Energy (eV) 32-Ge-76

MAT 3243 Tritium Production 32-Ge-76
 Cross Section -26.89 To 55.93 %



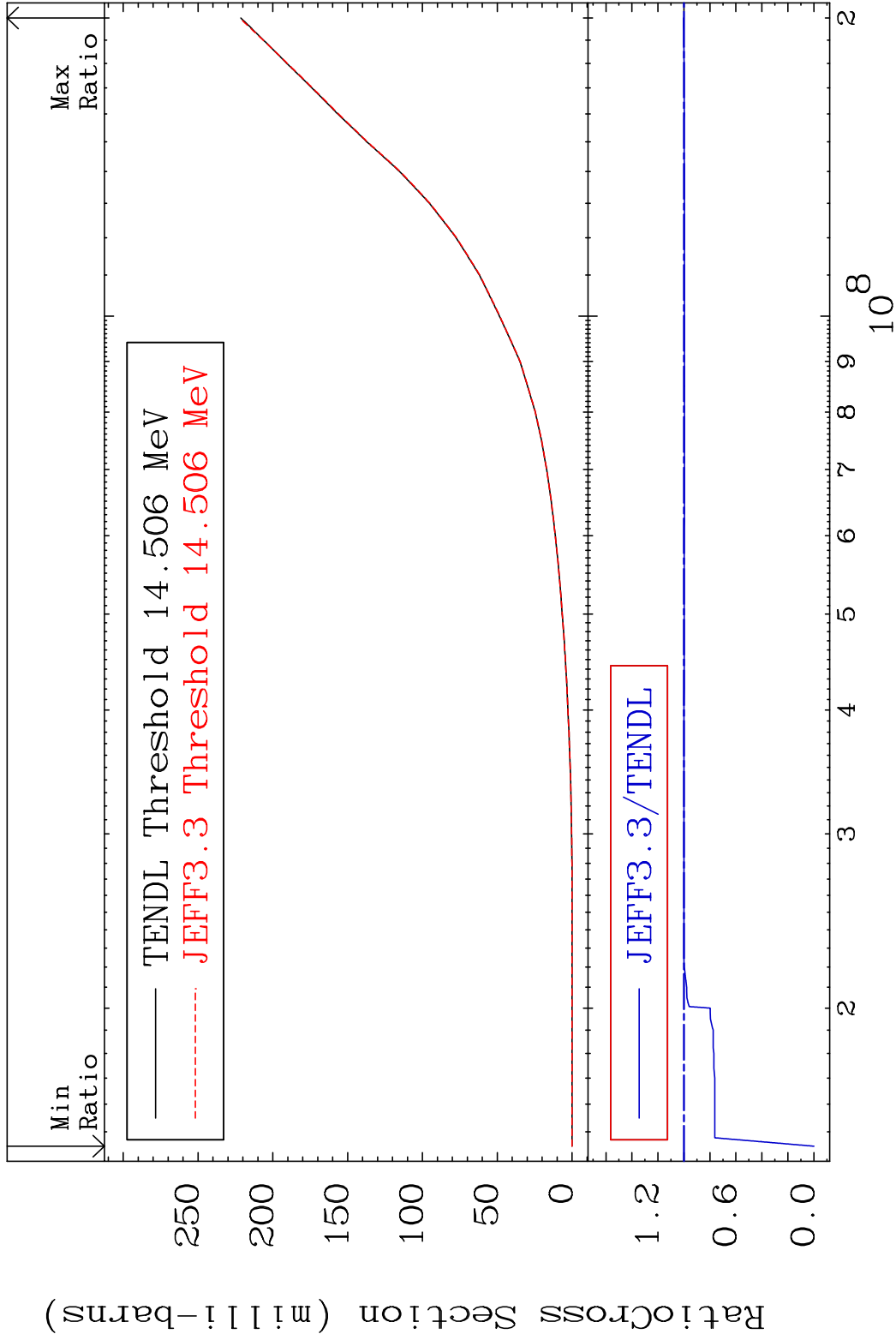
62 32-Ge-76

MAT 3243

He-3 Production

32-Ge-76

Cross Section -100.0 To 0.354 %



63

Incident Energy (eV)

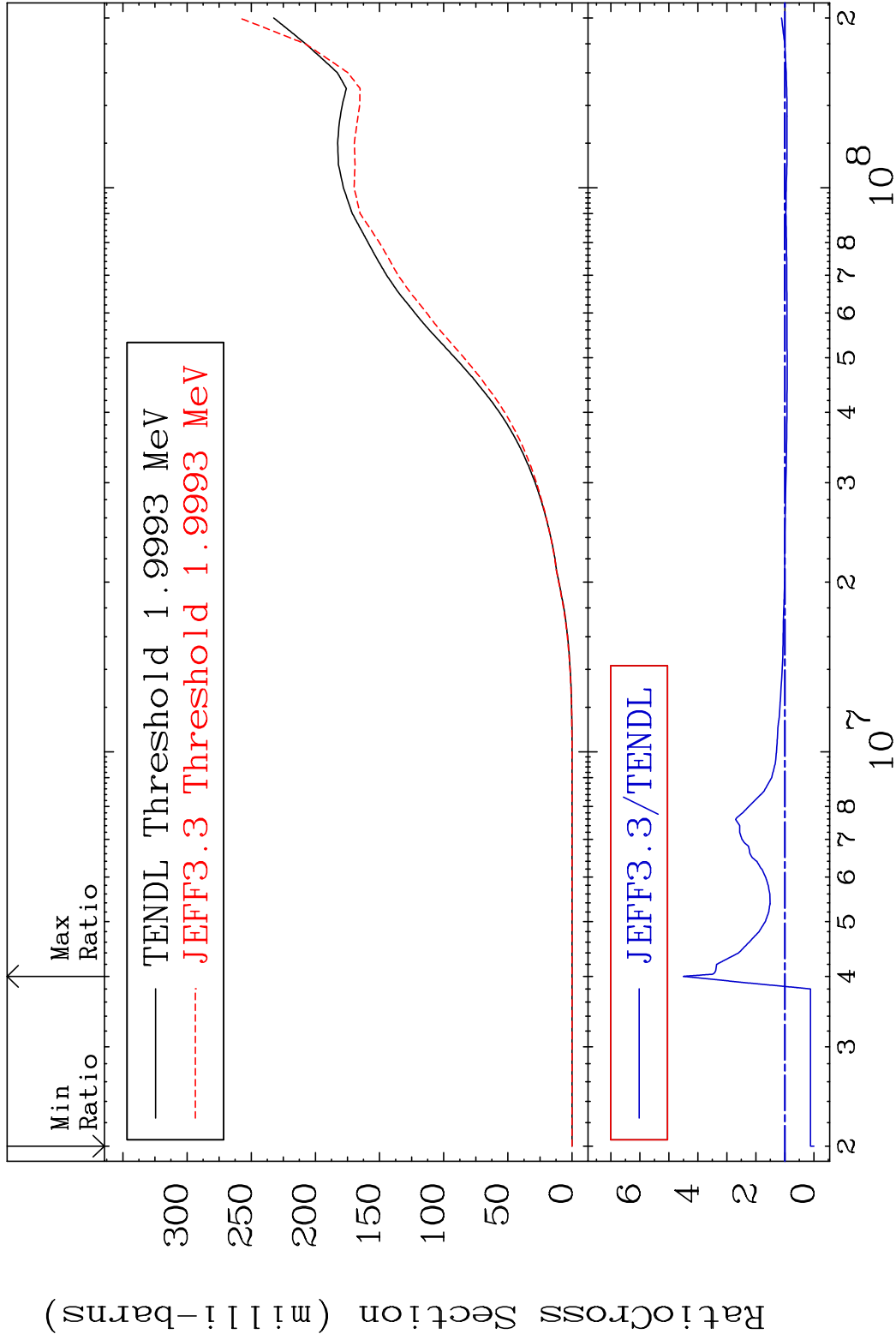
32-Ge-76

MAT 3243

He-4 Production

32-Ge-76

Cross Section -100.0 To 349.7 %

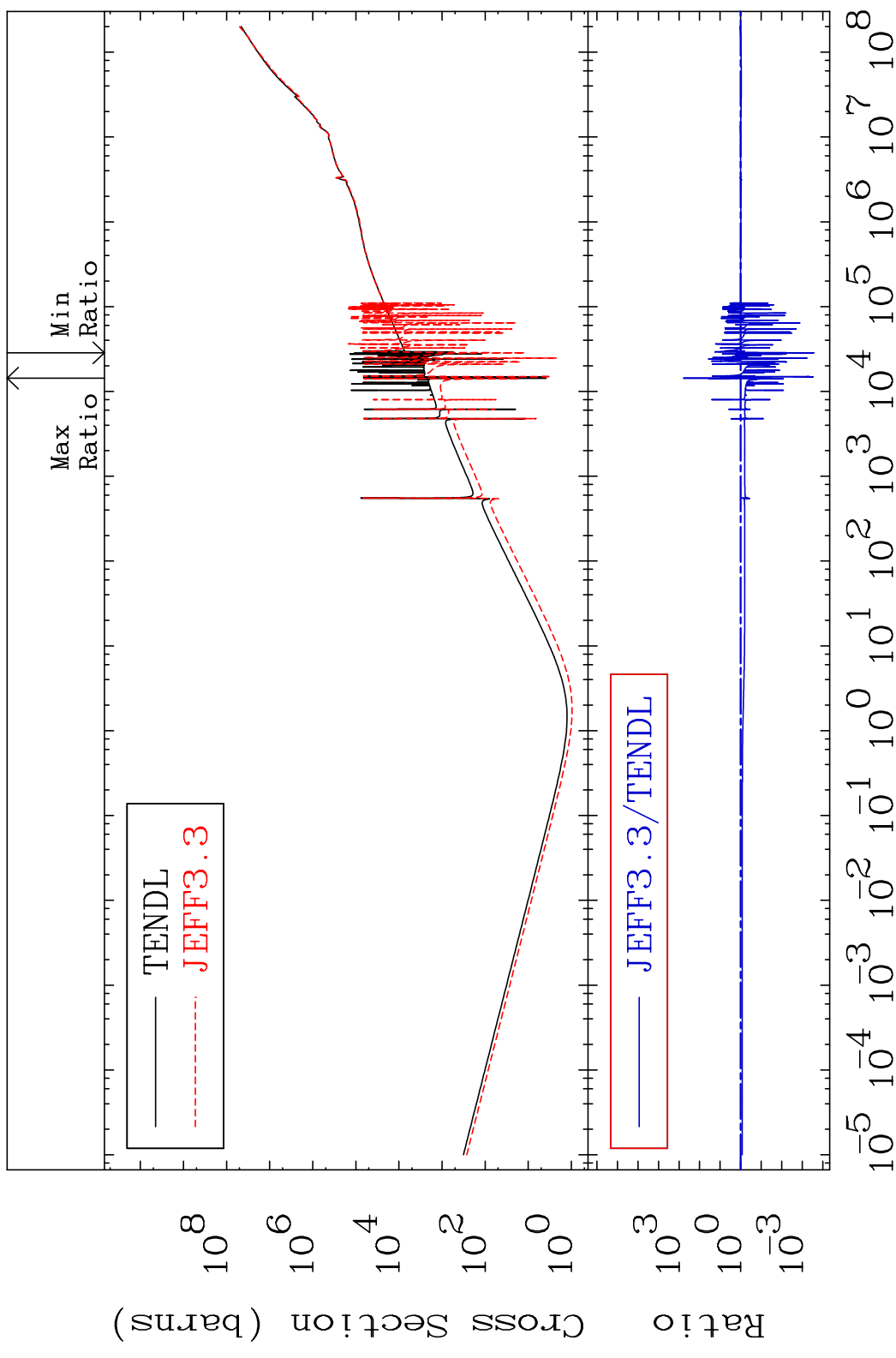


64

Incident Energy (eV)

32-Ge-76

MAT 3243 Kerma total (eV-barns) 32-Ge-76
 Cross Section -99.97 To 9999. %

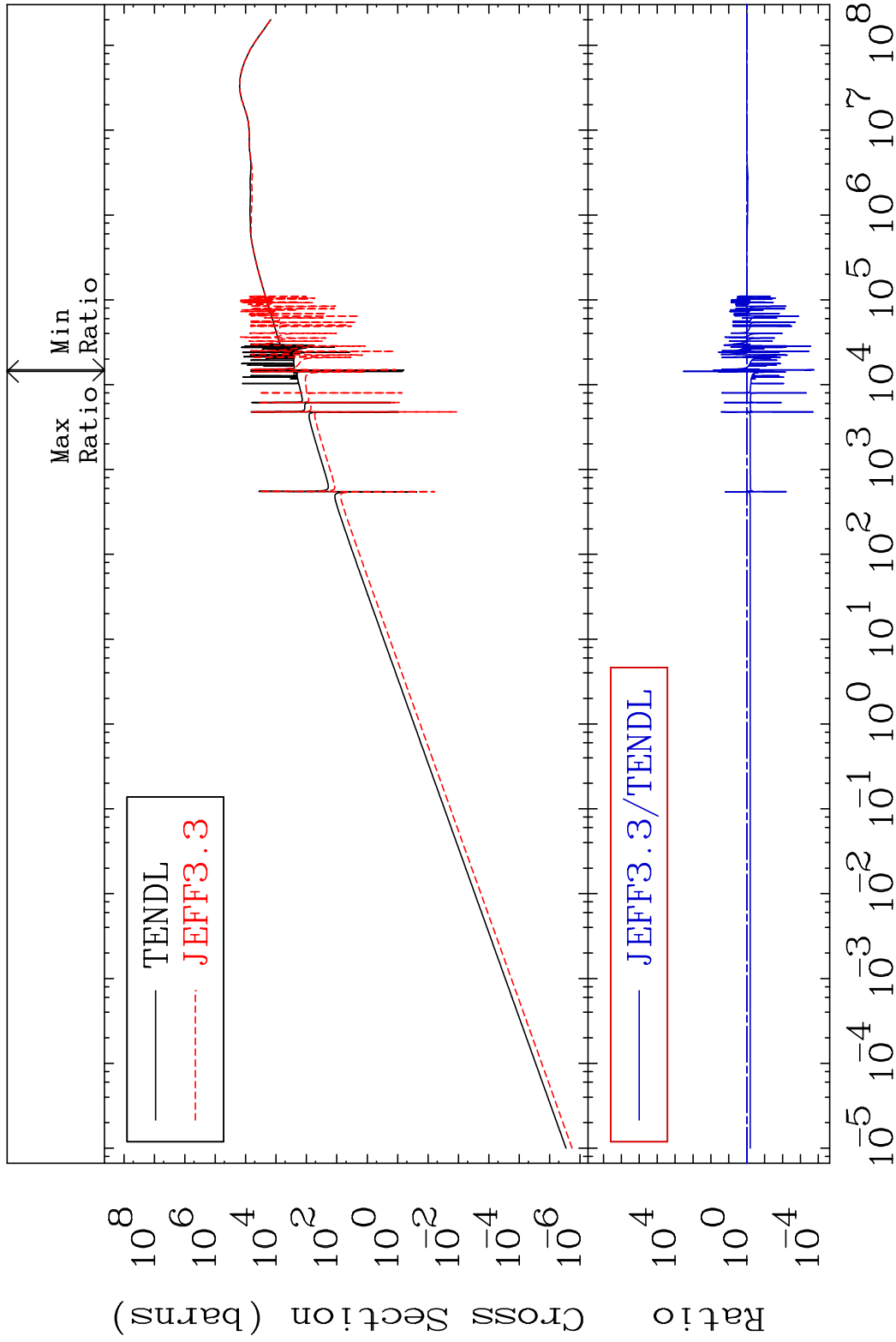


65 Incident Energy (eV) 32-Ge-76

MAT 3243

Kerma elastic
Cross Section

32-Ge-76
-99.98 To 9999. %

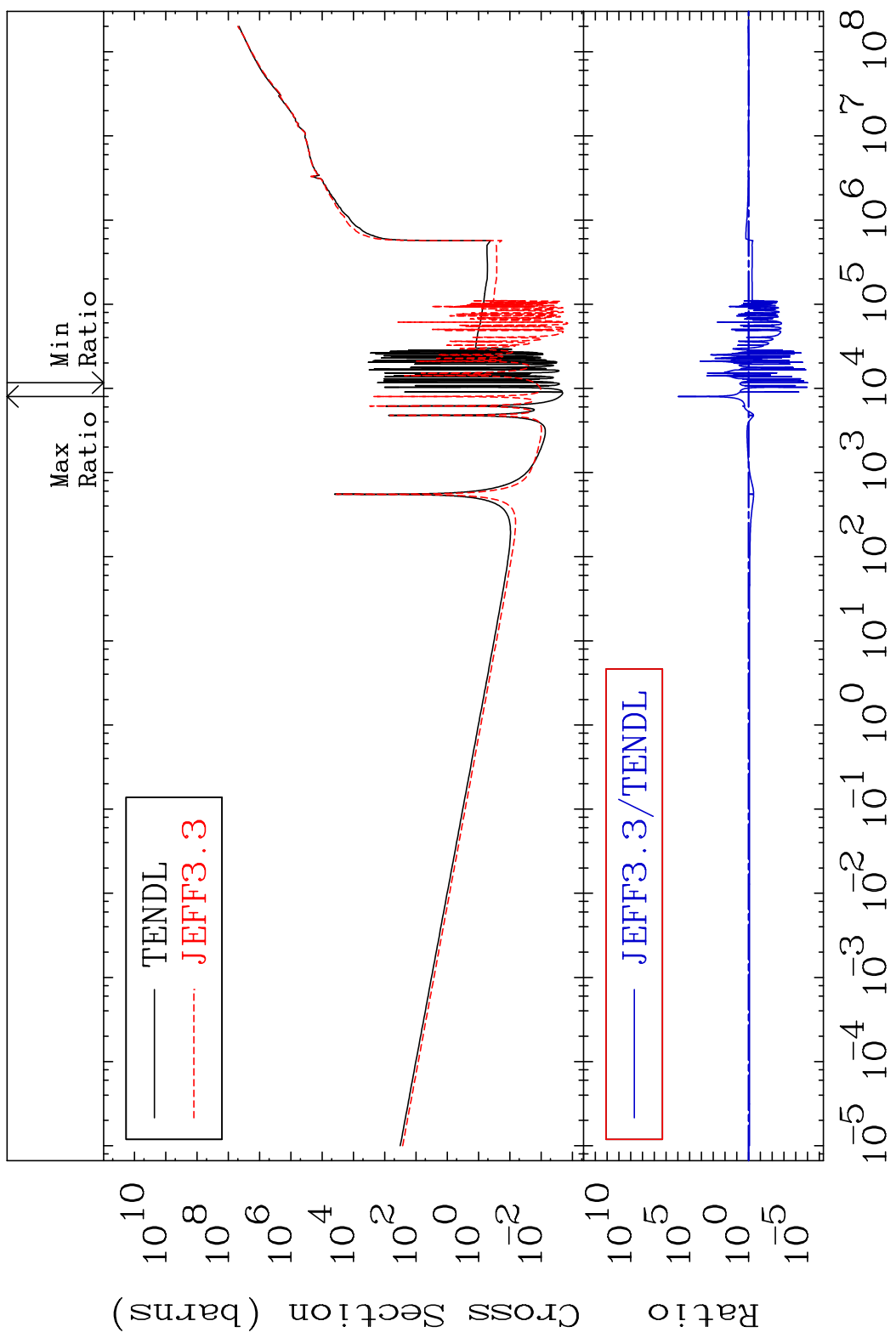


66

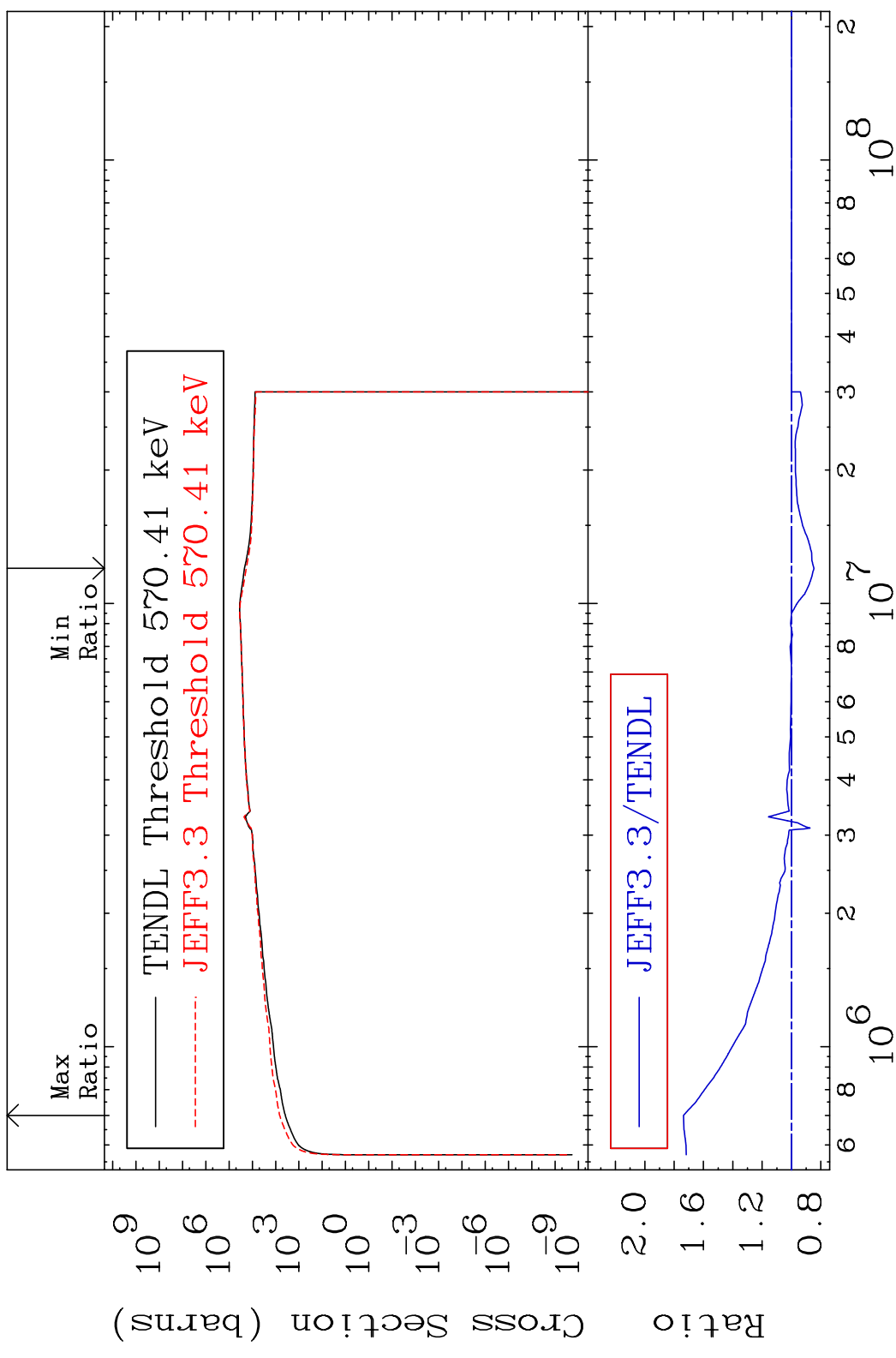
Incident Energy (eV)

32-Ge-76

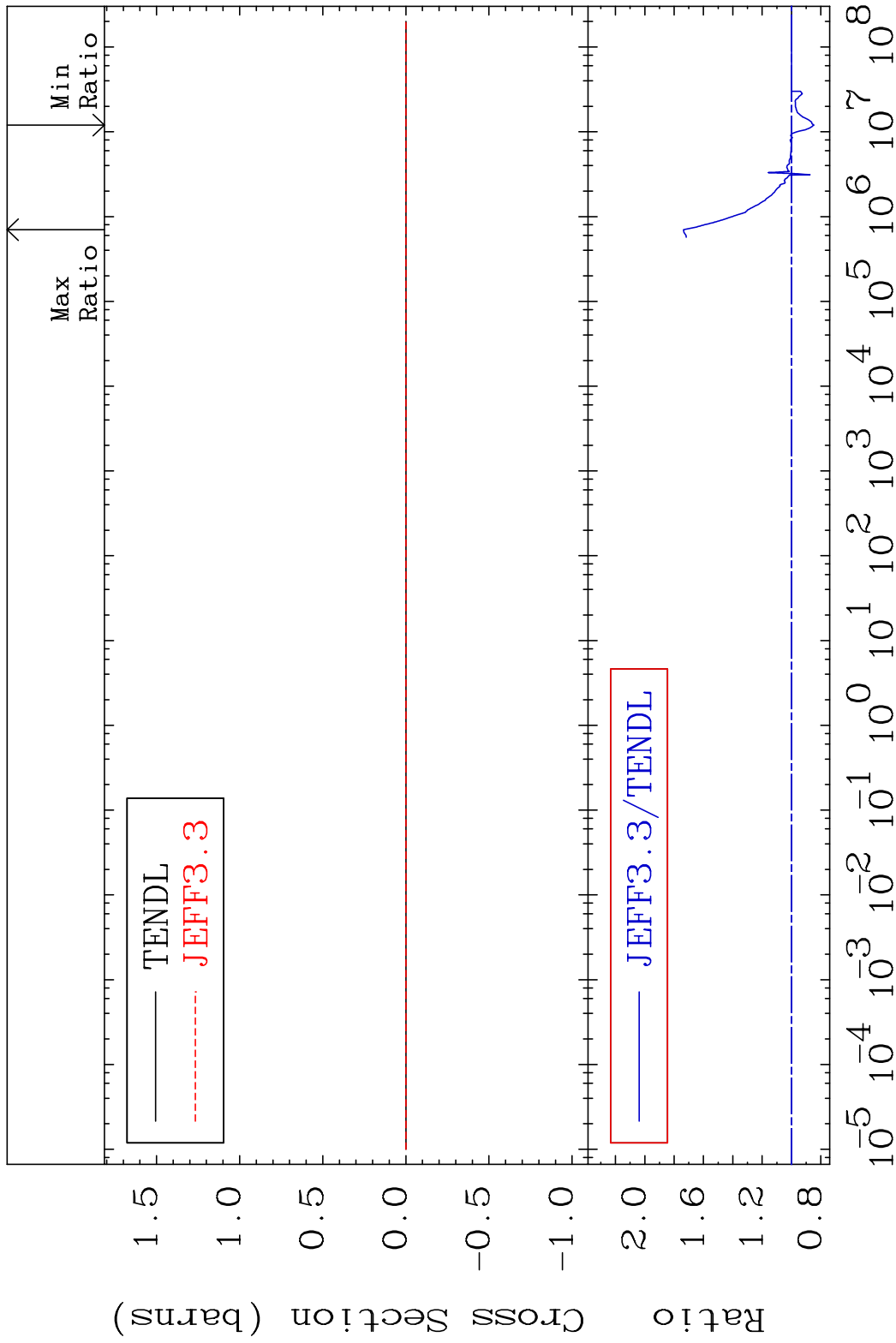
MAT 3243 Kerma non-elastic (all but mt2) 32-Ge-76
 Cross Section -100.0 To 9999. %



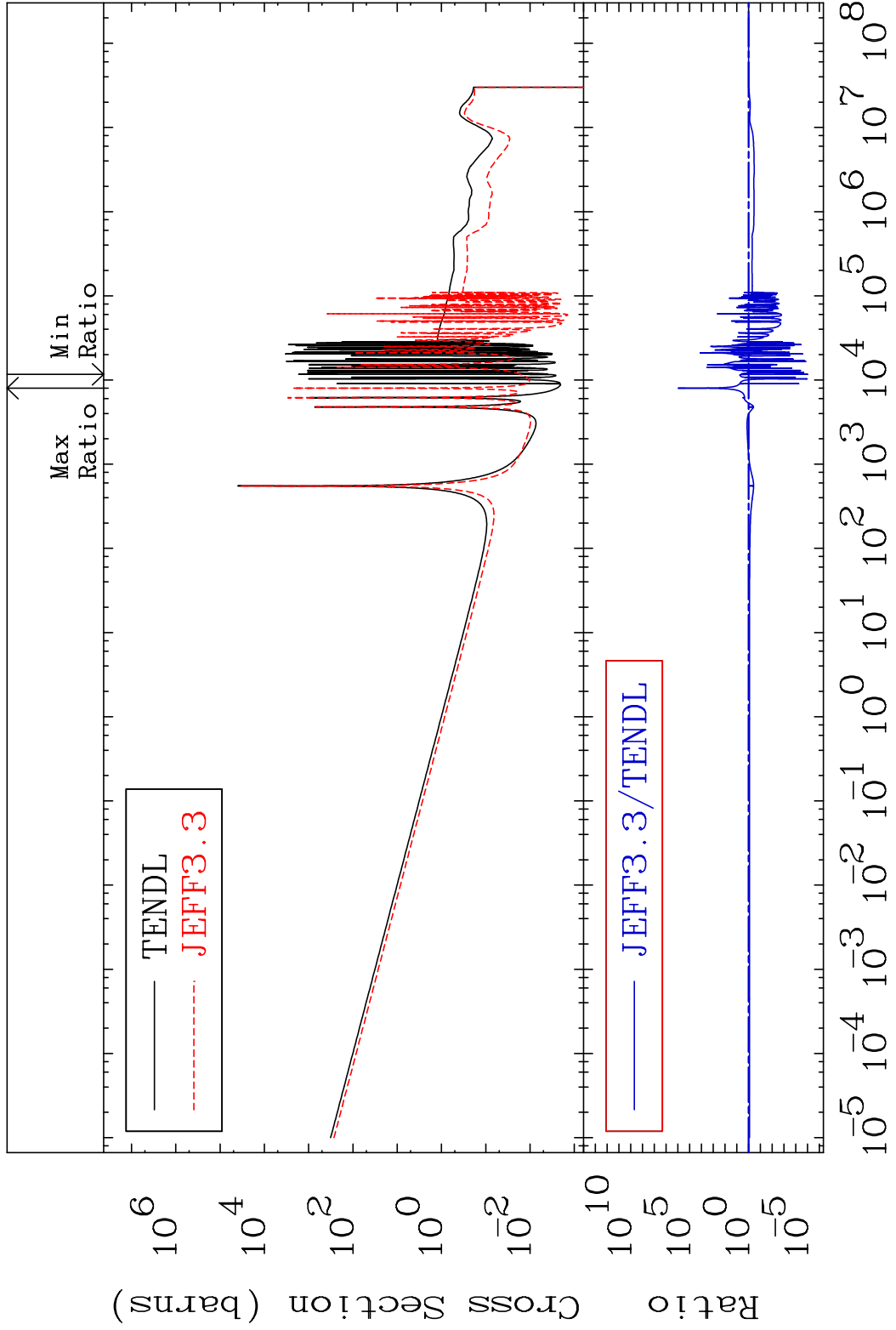
MAT 3243 Kerma inelastic (mt51-91) 32-Ge-76
 Cross Section -15.27 To 73.63 %



MAT 3243 Kerma fission (mt18 or mt19-20-21-38) 32-Ge-76
 Cross Section -15.27 To 73.63 %

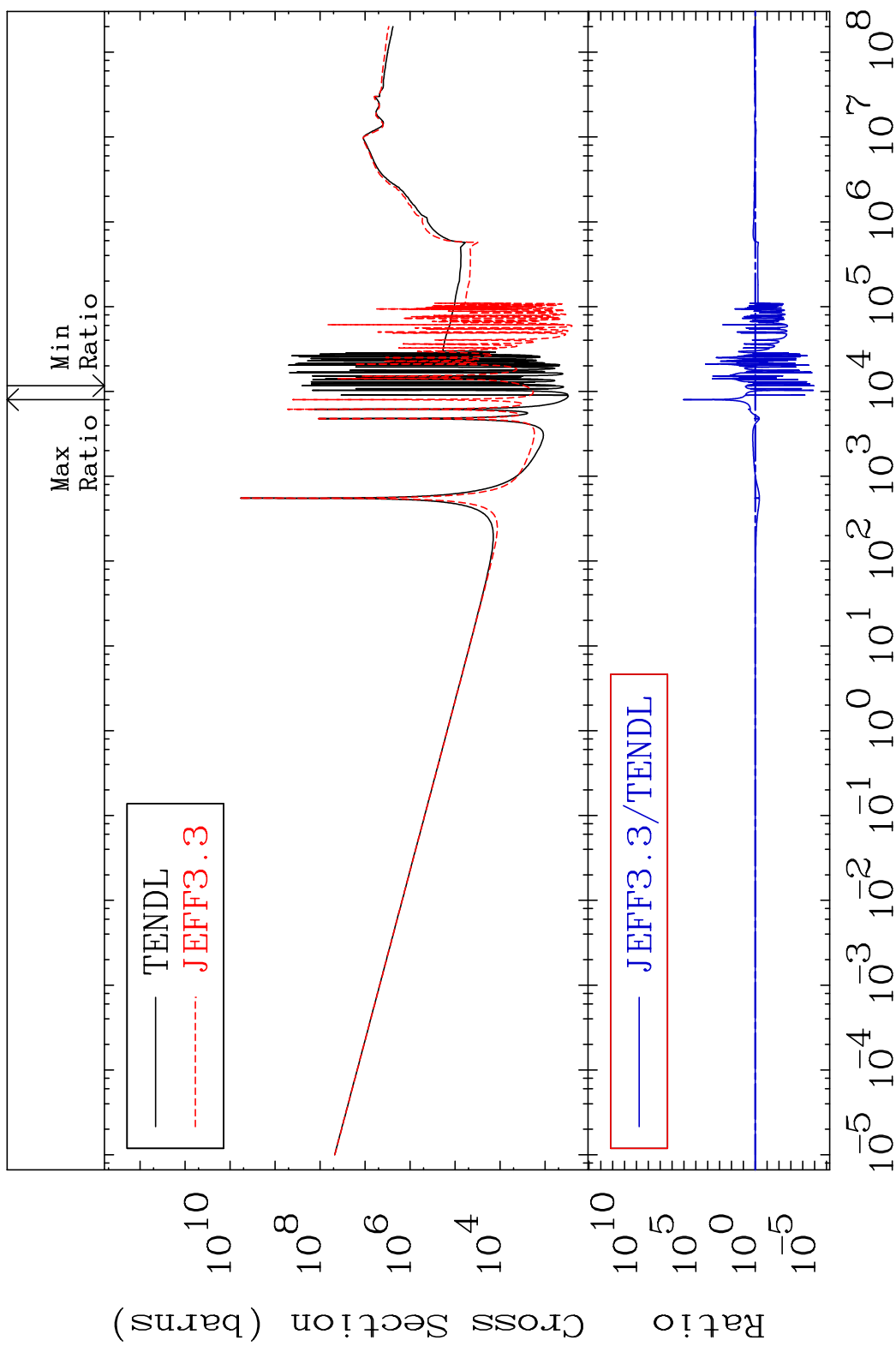


MAT 3243 Kerma capture (mt102) 32-Ge-76
Cross Section -100.0 To 9999. %



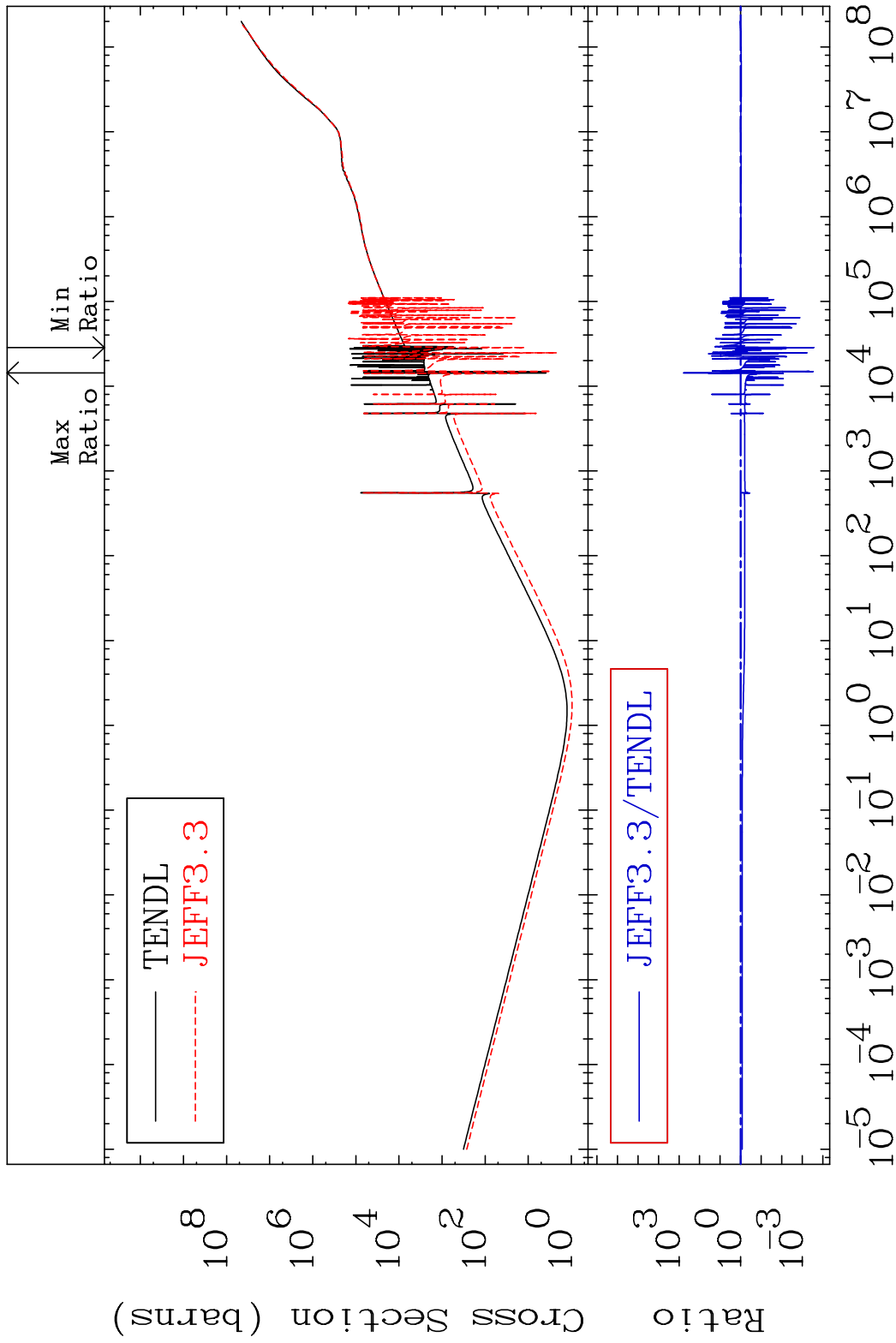
70 Incident Energy (eV) 32-Ge-76

MAT 3243 Total photon (eV-barns) 32-Ge-76
 Cross Section -100.0 To 9999. %



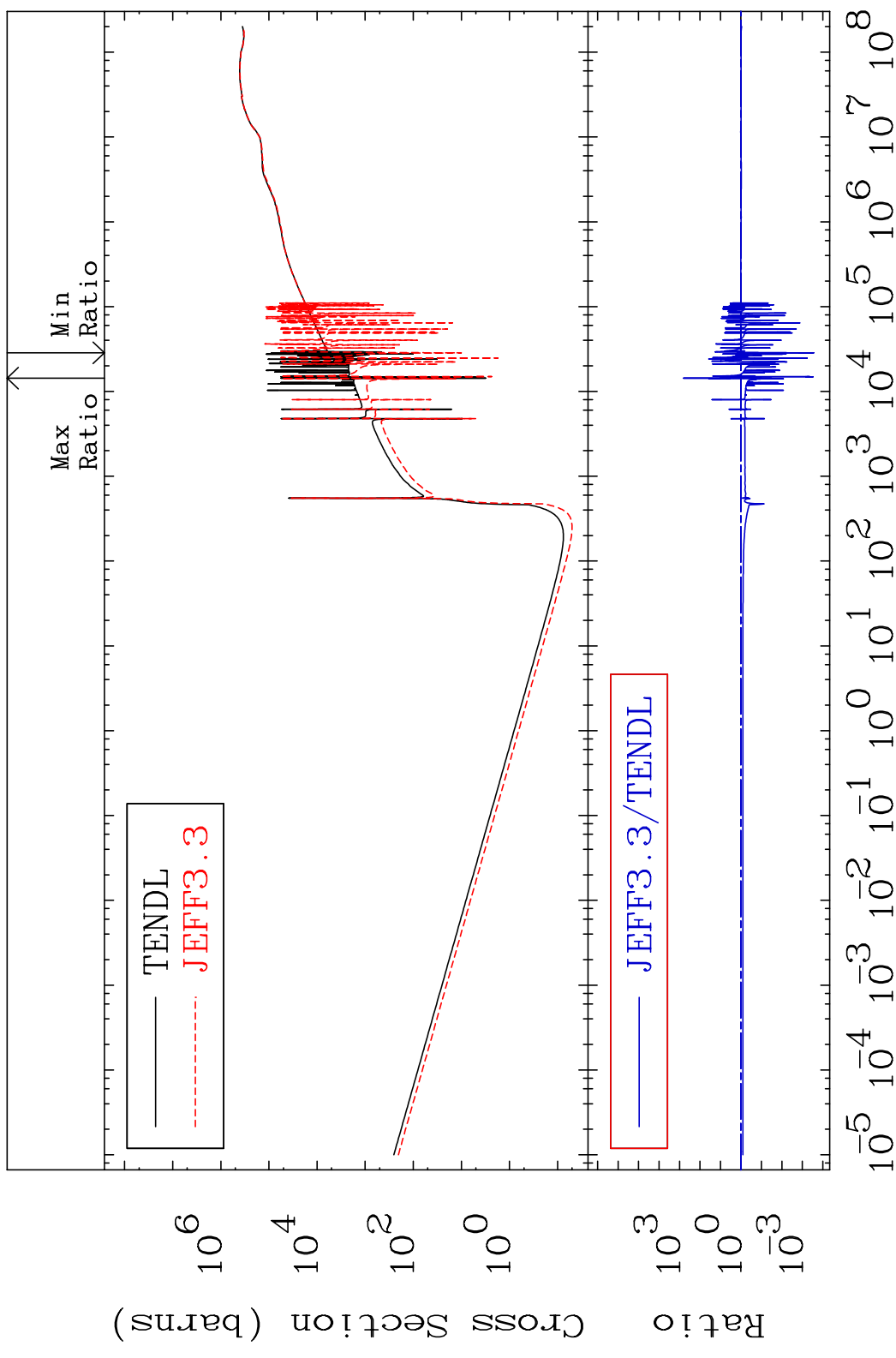
71 Incident Energy (eV) 32-Ge-76

MAT 3243 Total kinematic kerma (high limit) 32-Ge-76
 Cross Section -99.97 To 9999. %



72 Incident Energy (eV) 32-Ge-76

MAT 3243 Dpa total (eV-barns) 32-Ge-76
 Cross Section -99.97 To 9999. %



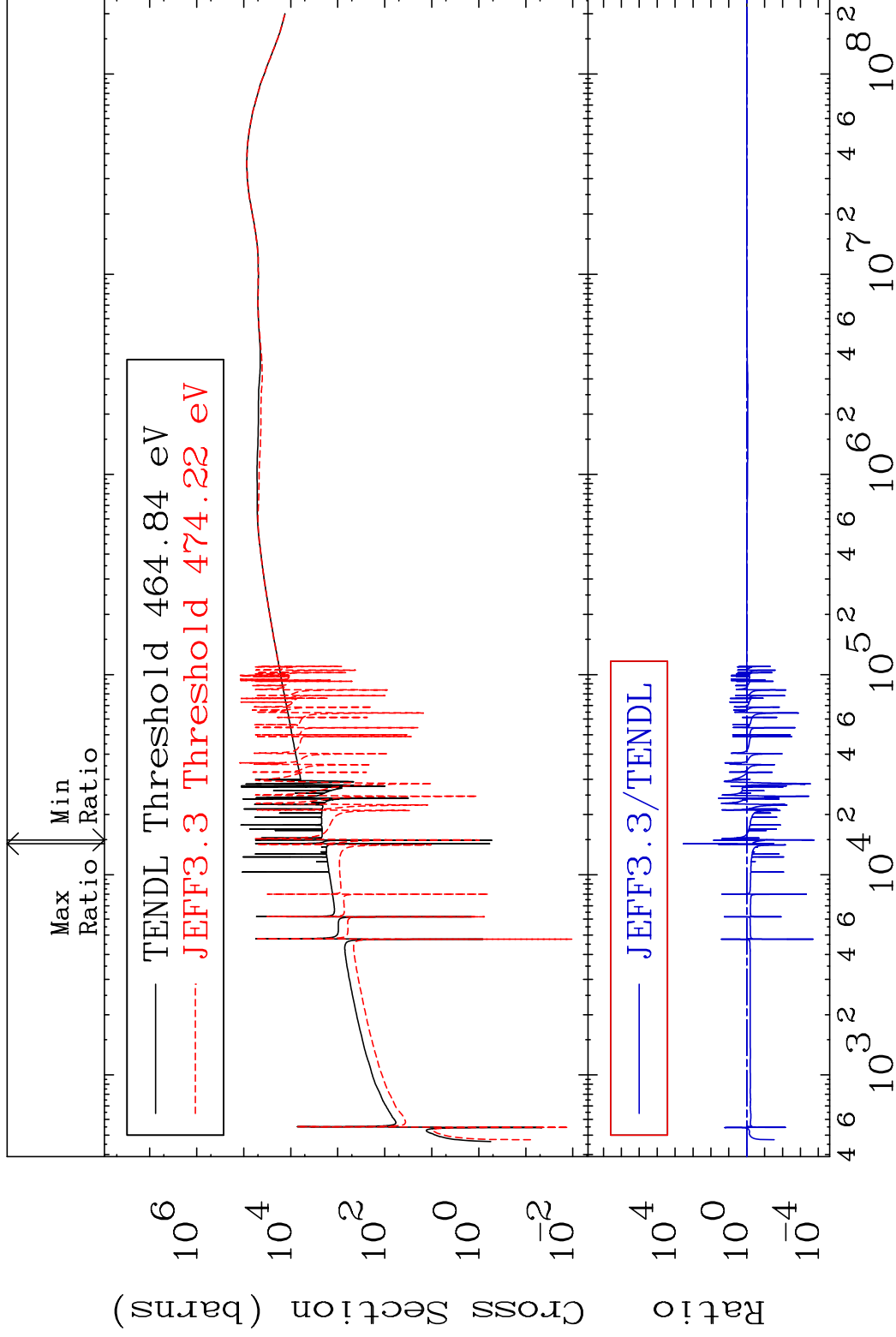
73 Incident Energy (eV) 32-Ge-76

MAT 3243

Dpa elastic (mt2)

32-Ge-76

Cross Section -99.98 To 9999. %

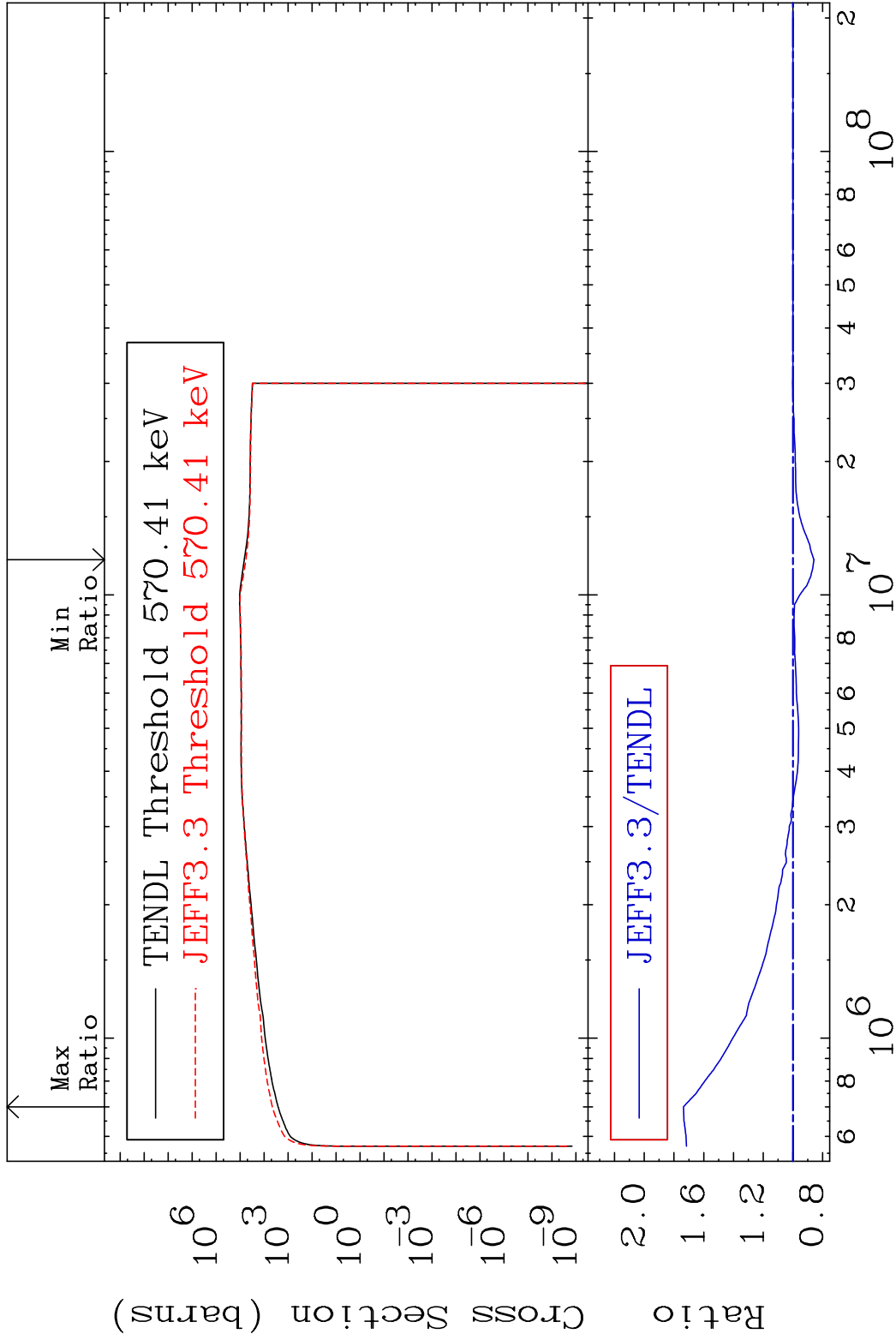


74

Incident Energy (eV)

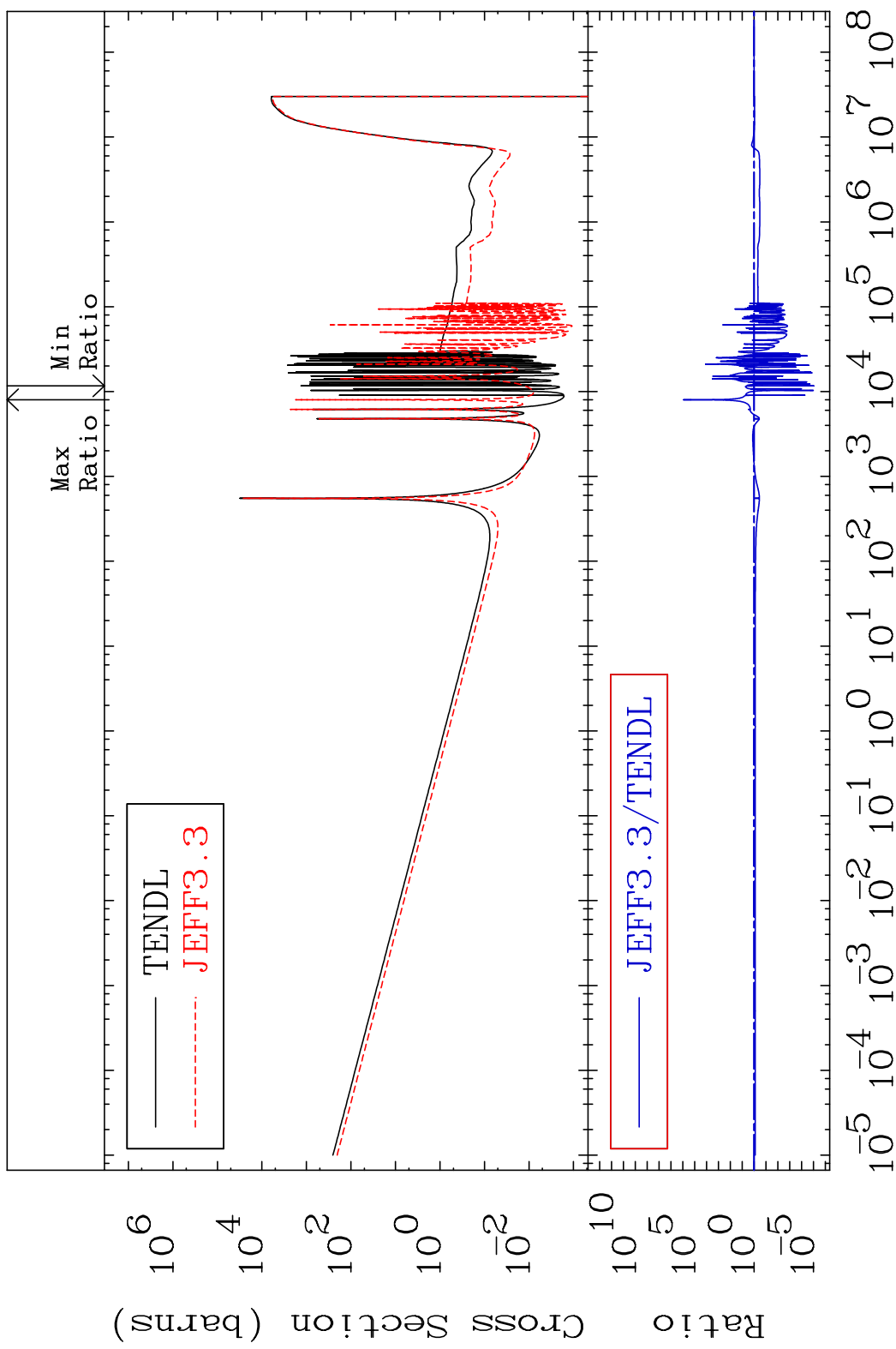
32-Ge-76

MAT 3243 Dpa inelastic (mt51-91) 32-Ge-76
 Cross Section -14.12 To 73.64 %



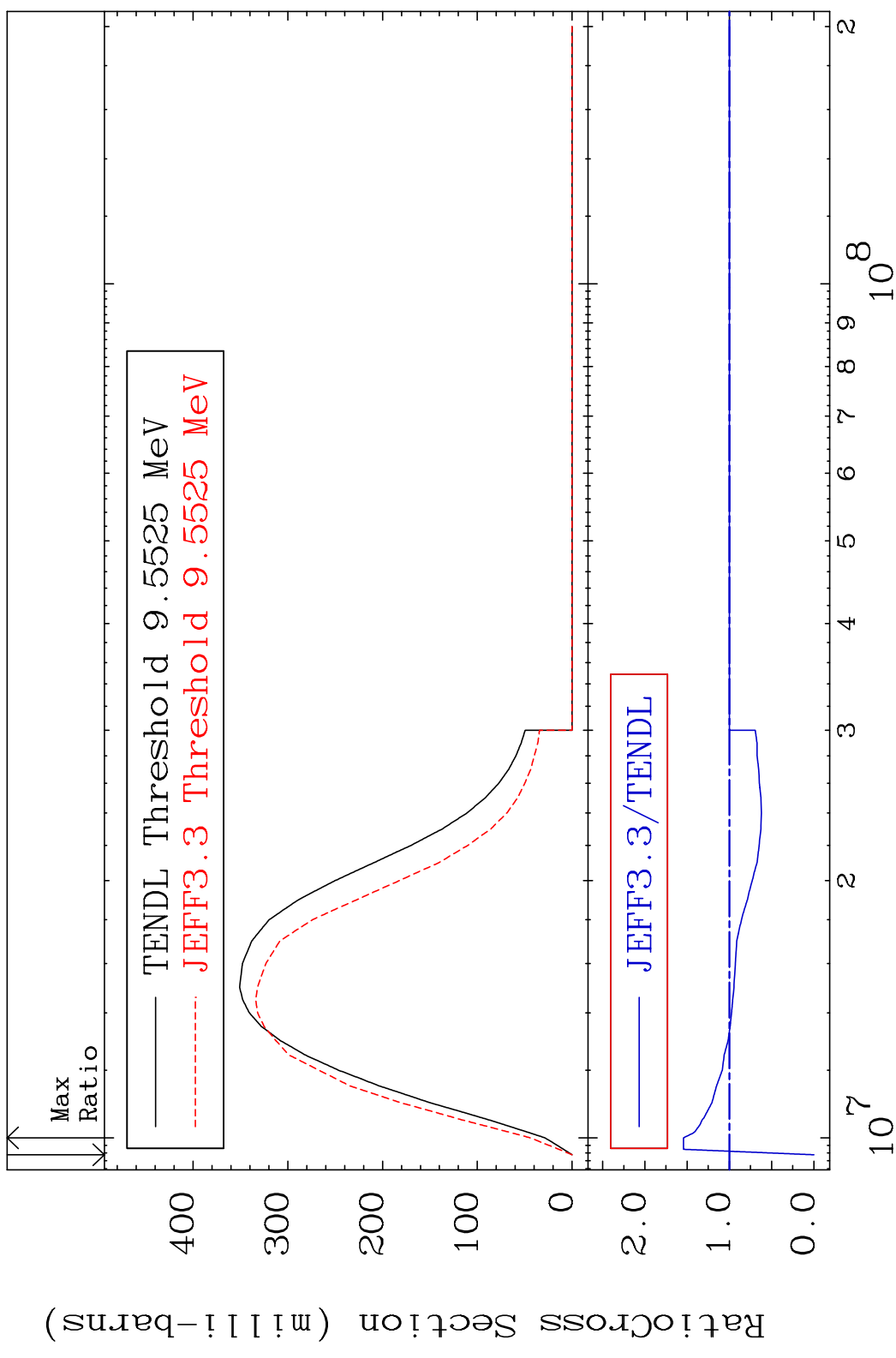
75 Incident Energy (eV) 32-Ge-76

MAT 3243 Dpa disappearance (mt102 -120) 32-Ge-76
 Cross Section -100.0 To 9999. %



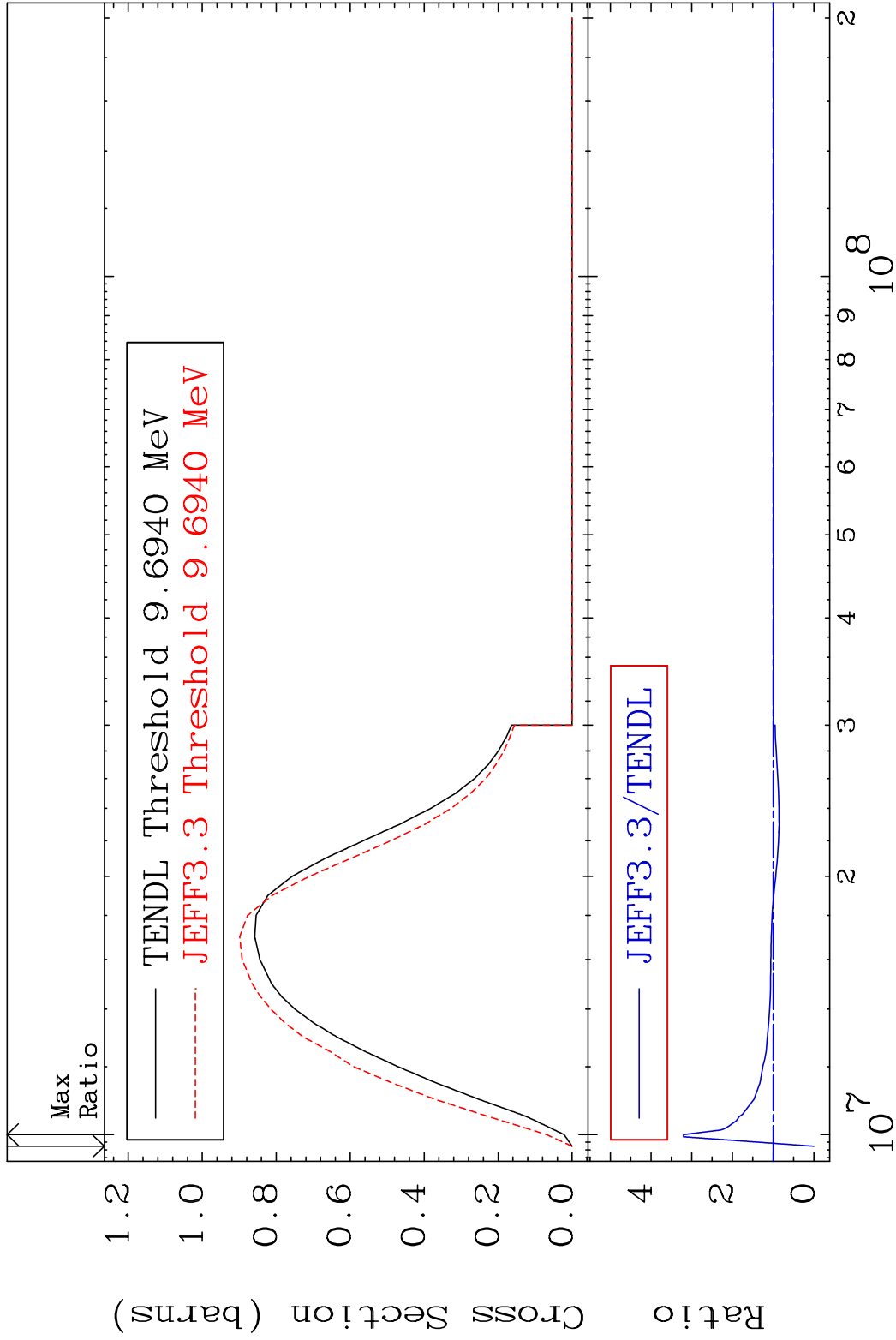
76 Incident Energy (eV) 32-Ge-76

MAT 3243 (n,2n):32-Ge-75g 32-Ge-76
 Radionuclide Production Cross Section 180000 dpo 54.35 %

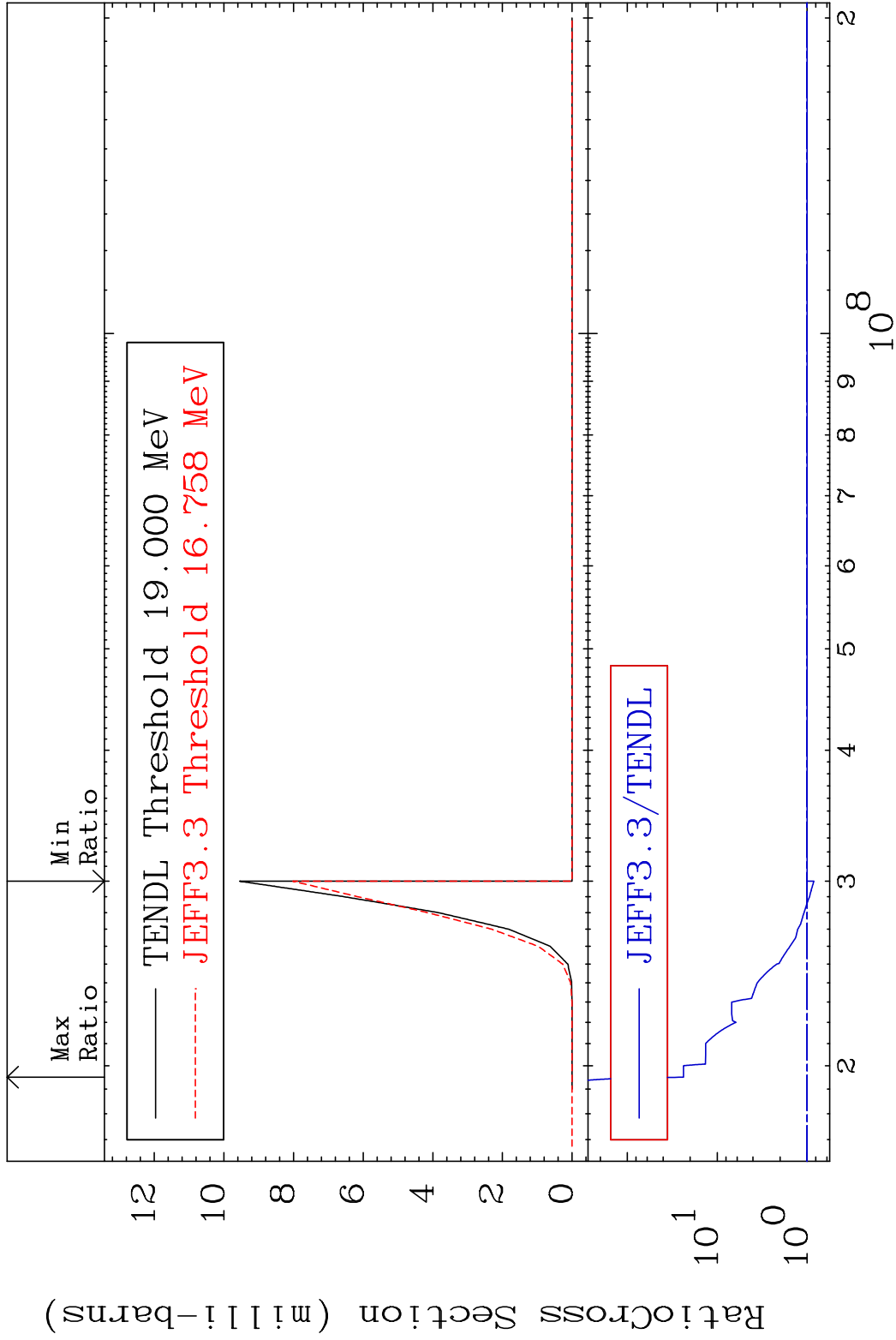


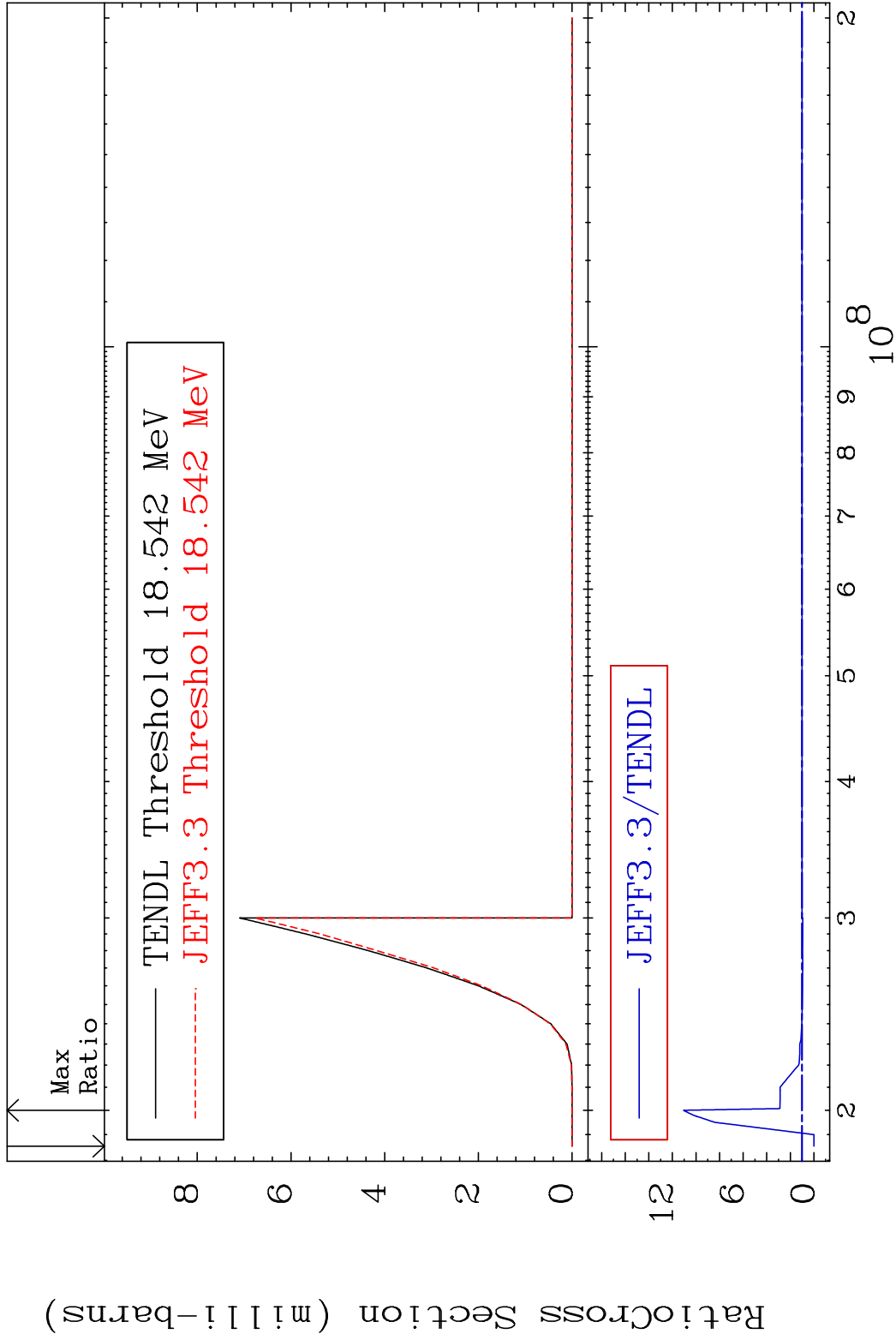
77 32-Ge-76

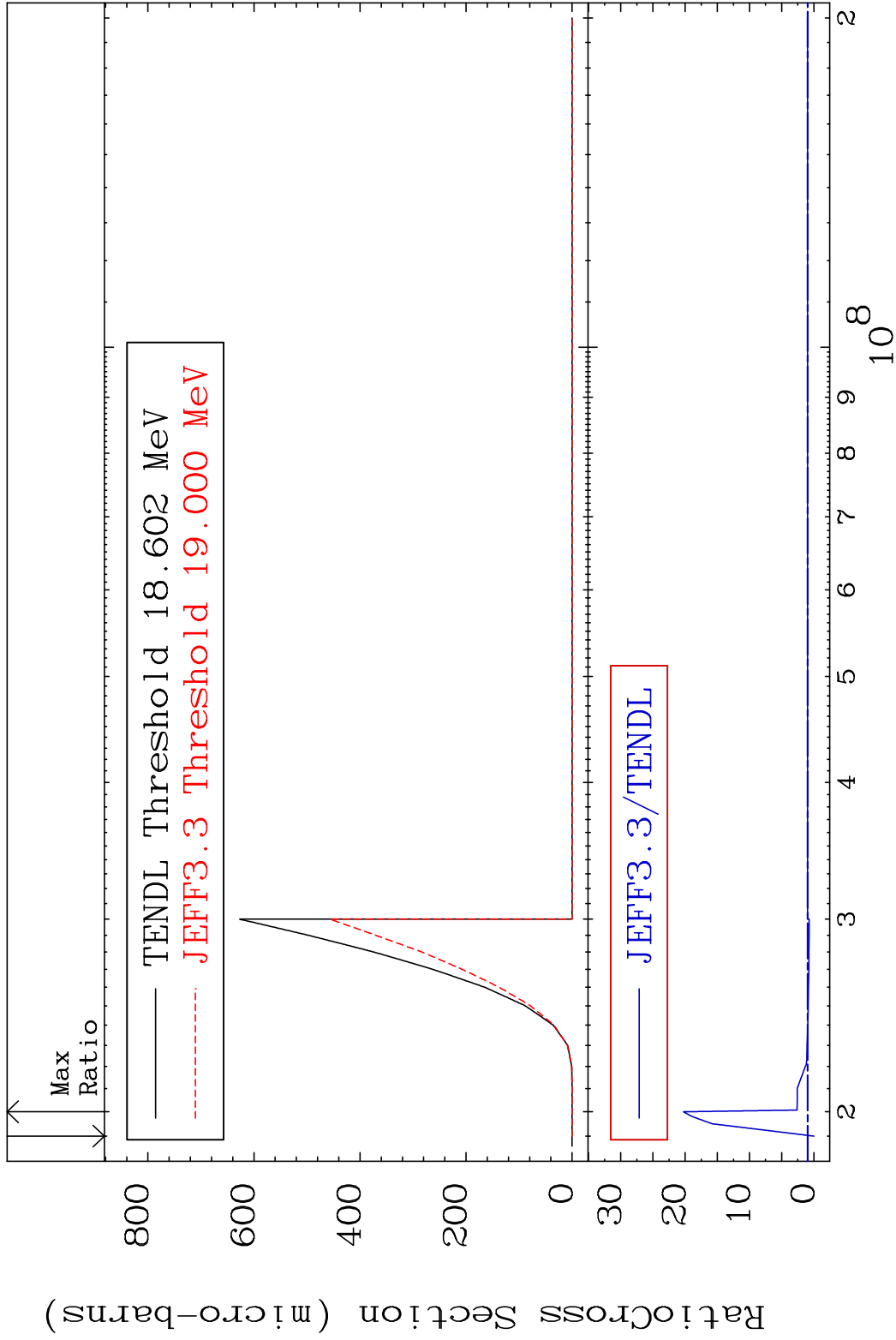
MAT 3243 (n,2n): 32-Ge-75m2 32-Ge-76
 Radionuclide Production Cross Section 1800.0 dth 220.4 %



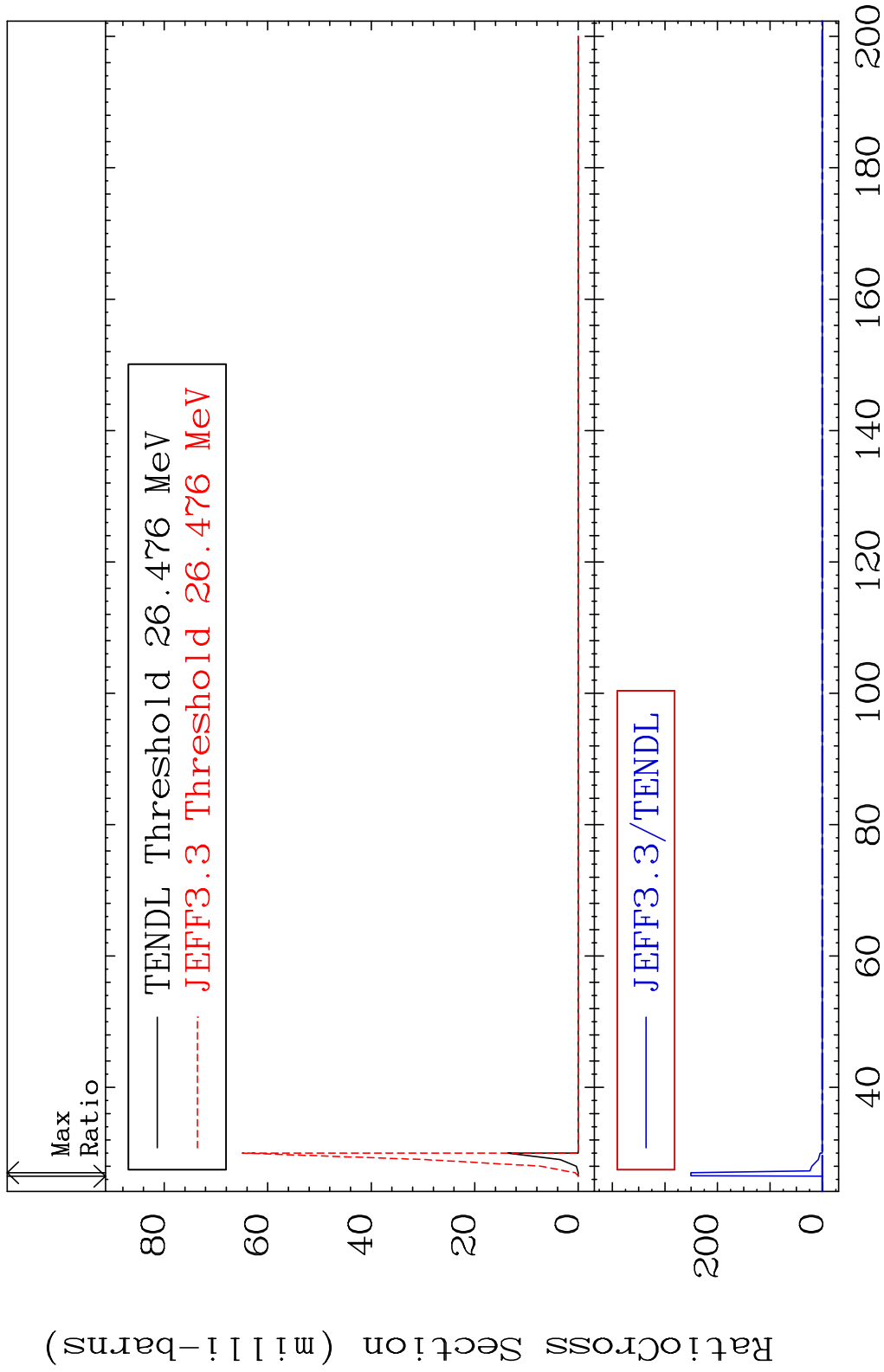
78 Incident Energy (eV) 32-Ge-76



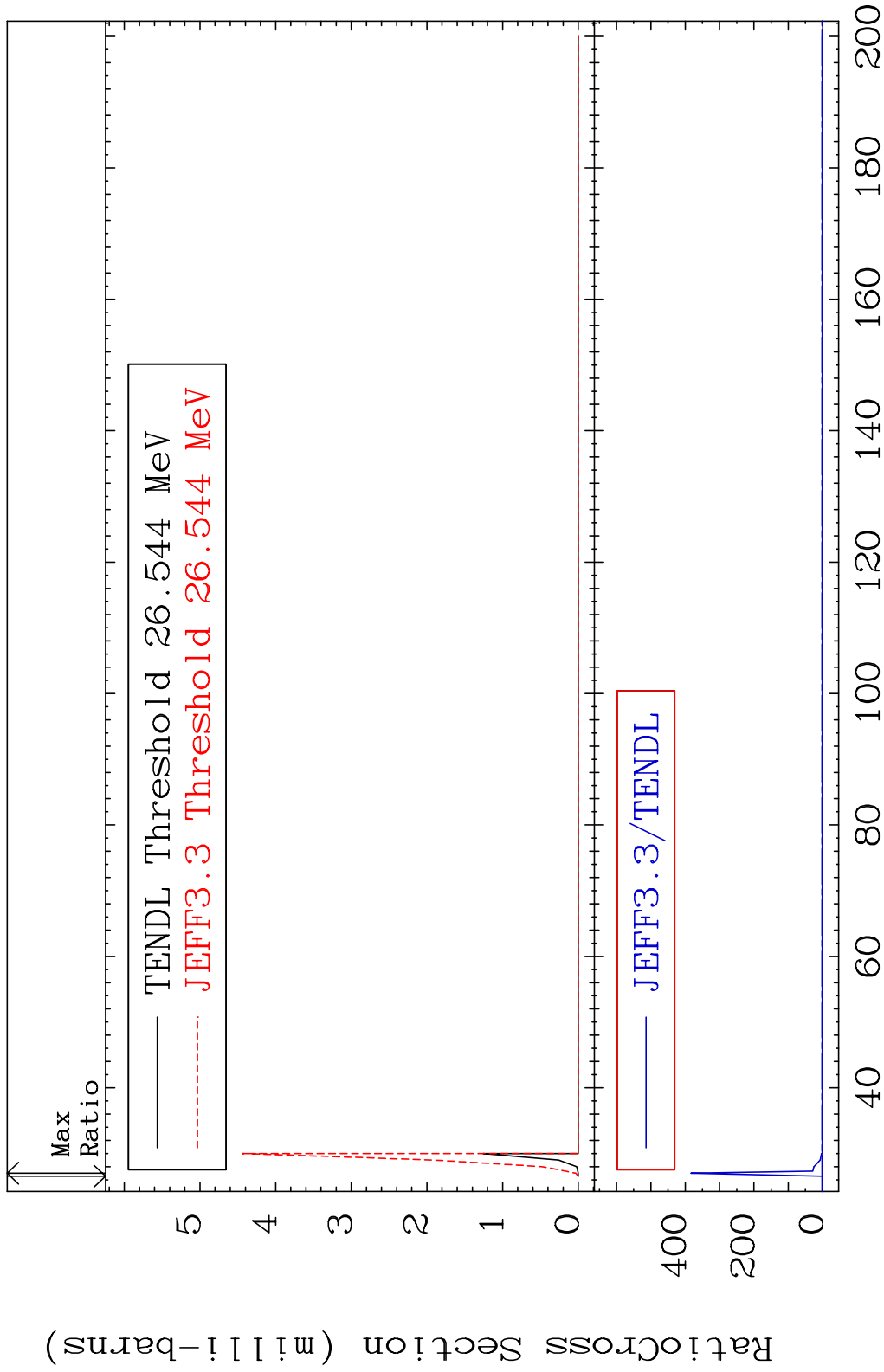




MAT 3243 (n,4n):32-Ge-73g 32-Ge-76
Radionuclide Production Cross Section 180000 dth 9999. %

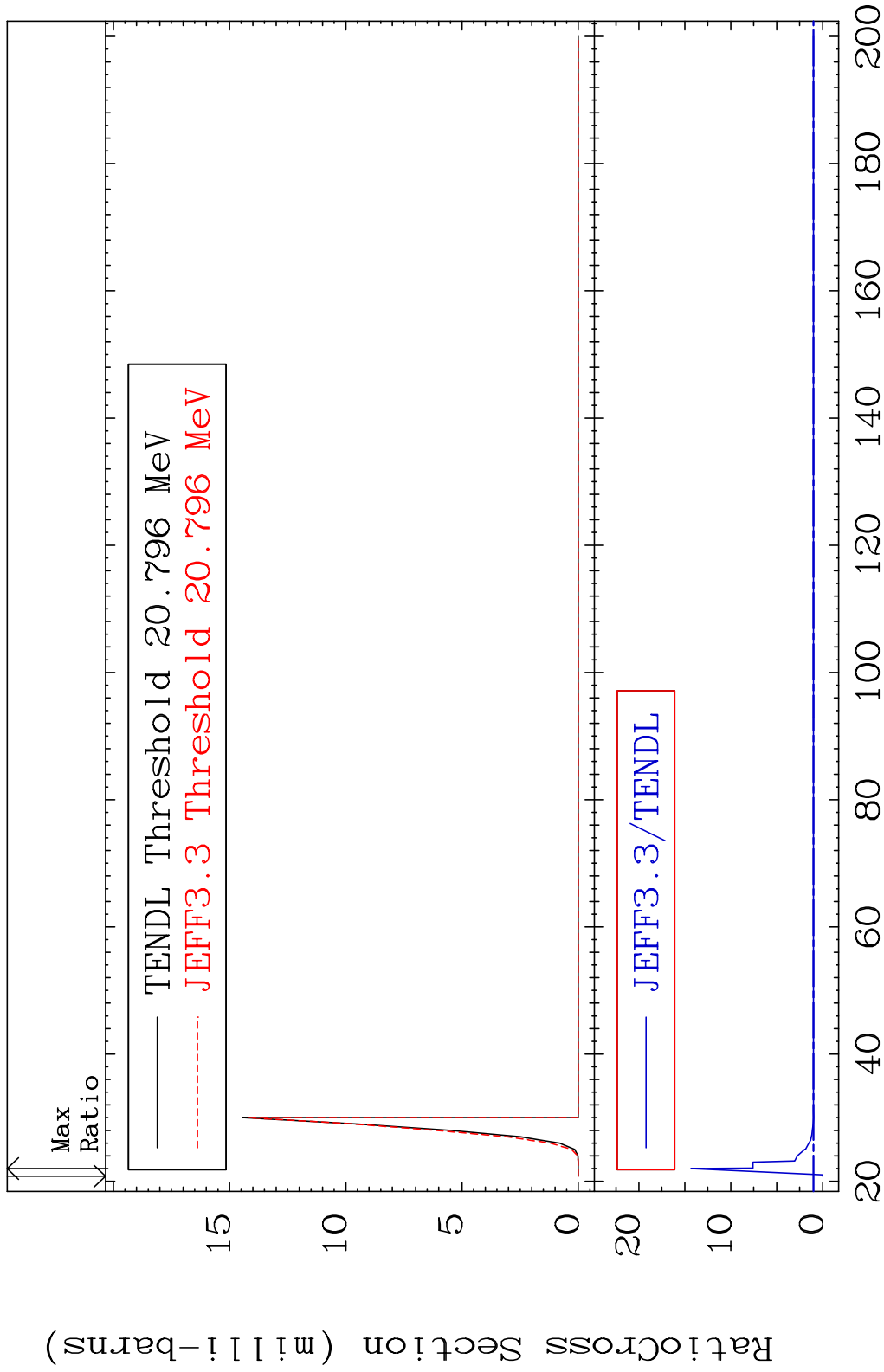


MAT 3243 (n, 4n) : 32-Ge-73m2 32-Ge-76
Radionuclide Production Cross Section 10000 dth 9999. %

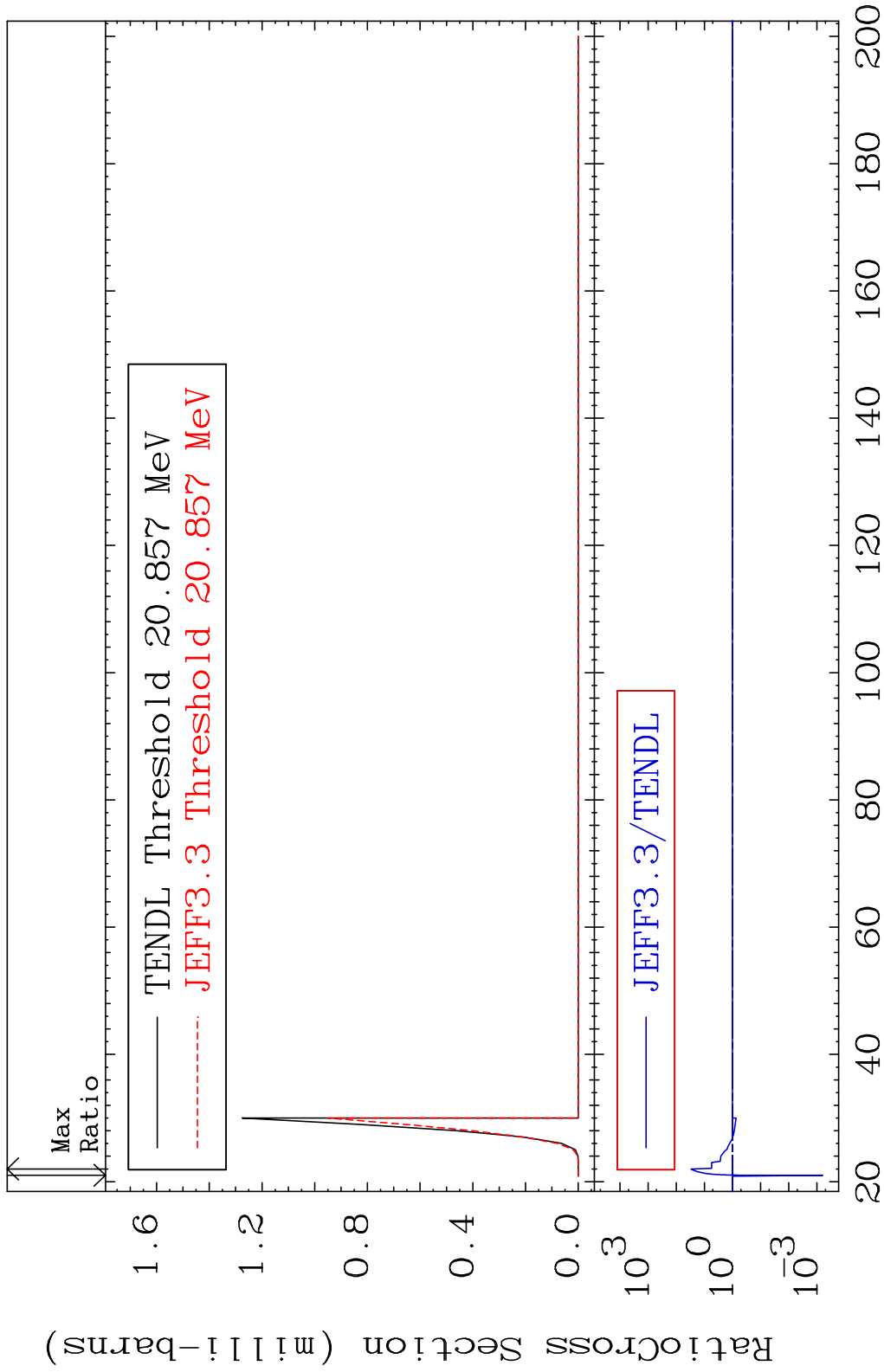


84 Incident Energy (MeV) 32-Ge-76

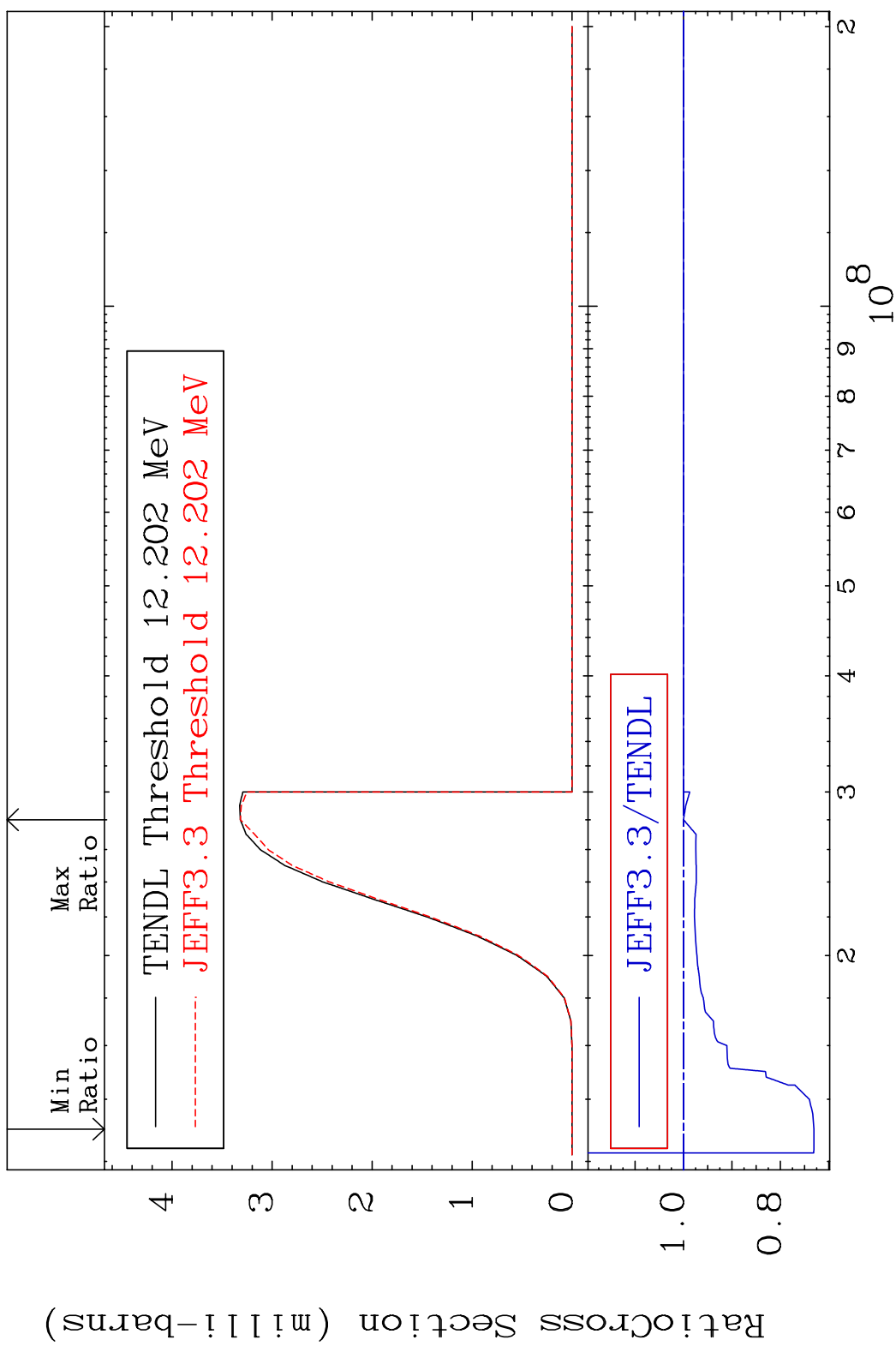
MAT 3243 (n,2n) p:31-Ga-74g 32-Ge-76
 Radionuclide Production Cross Section 18000 dpo 1335. %



85 Incident Energy (MeV) 32-Ge-76



MAT 3243 (n, t) : 31-Ga-74g 32-Ge-76
 Radionuclide Production Cross Section 0.004 %



MAT 3243 (n, t):31-Ga-74m2 32-Ge-76
 Radionuclide Production Cross Section 23.07 %

