

Program Complot
(Version 2021-1)

by

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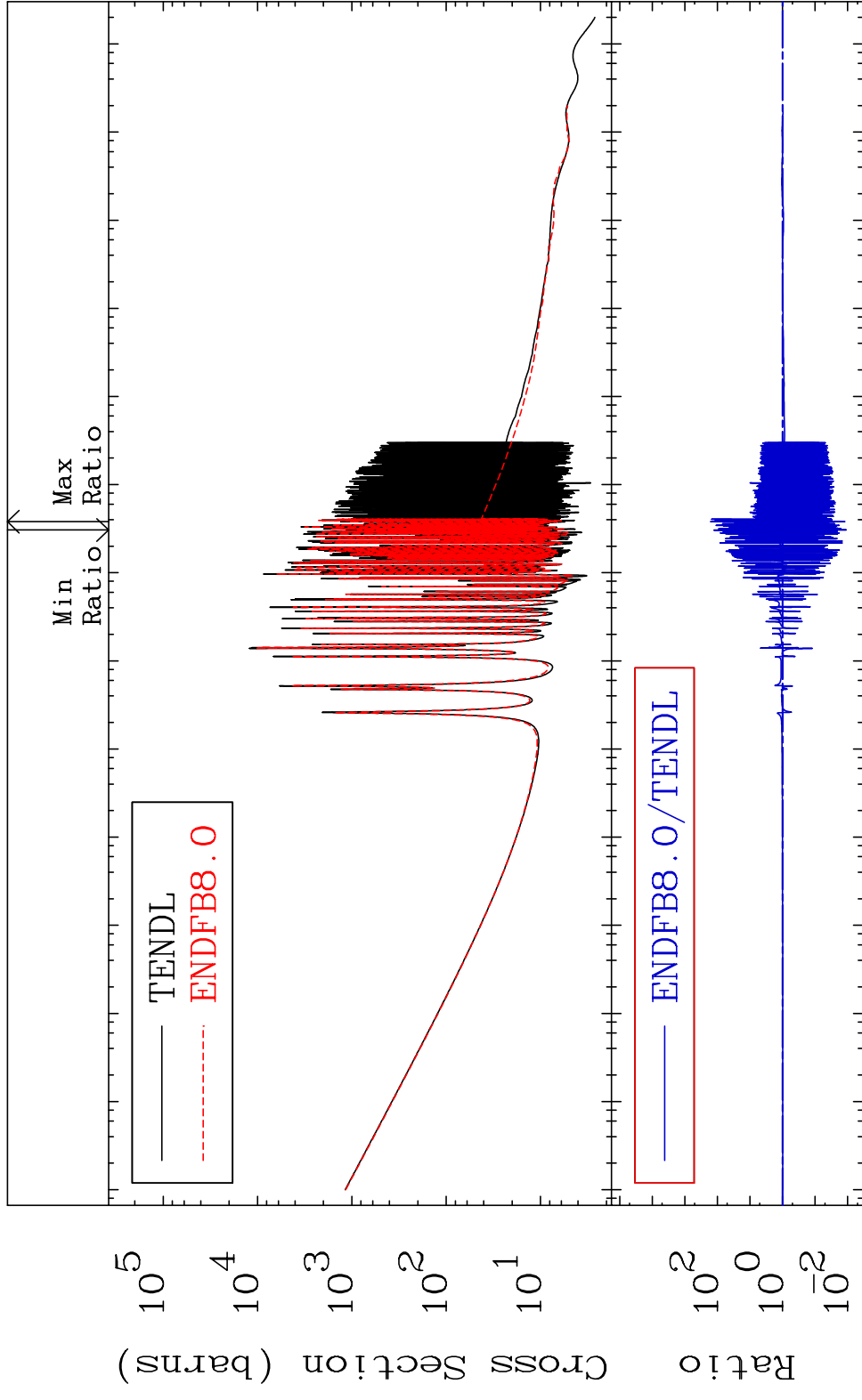
Tele: 925-443-1911

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

Press Mouse Button to Start

MAT 7125

Total Cross Section -98.90 To 9999. %
71-Lu-175



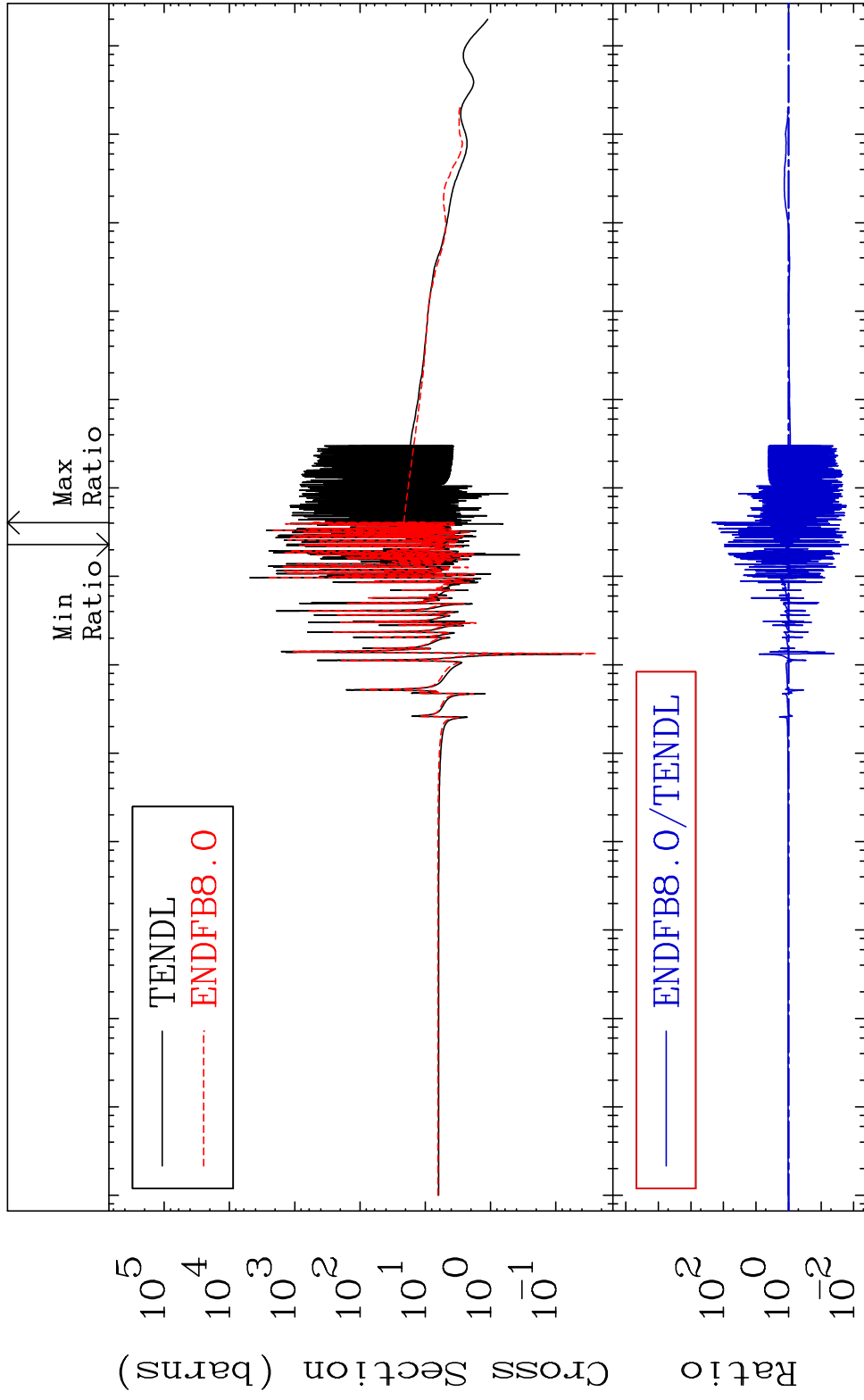
1 Incident Energy (eV) 71-Lu-175

MAT 7125

Elastic

71-Lu-175

Cross Section -98.54 To 9999. %

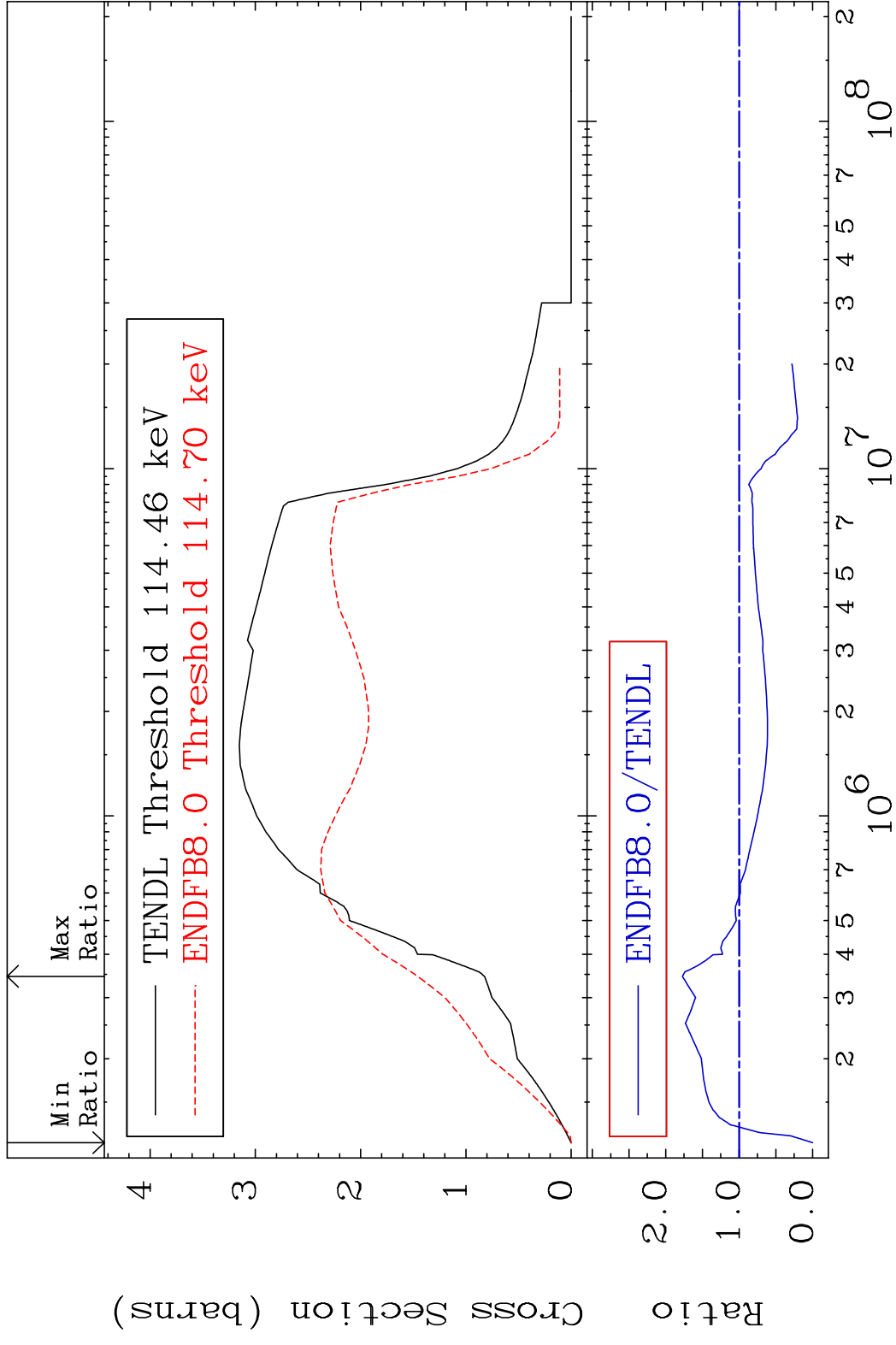


2

Incident Energy (eV)

71-Lu-175

MAT 7125 Inelastic 71-Lu-175
 Cross Section -100.0 To 77.35 %

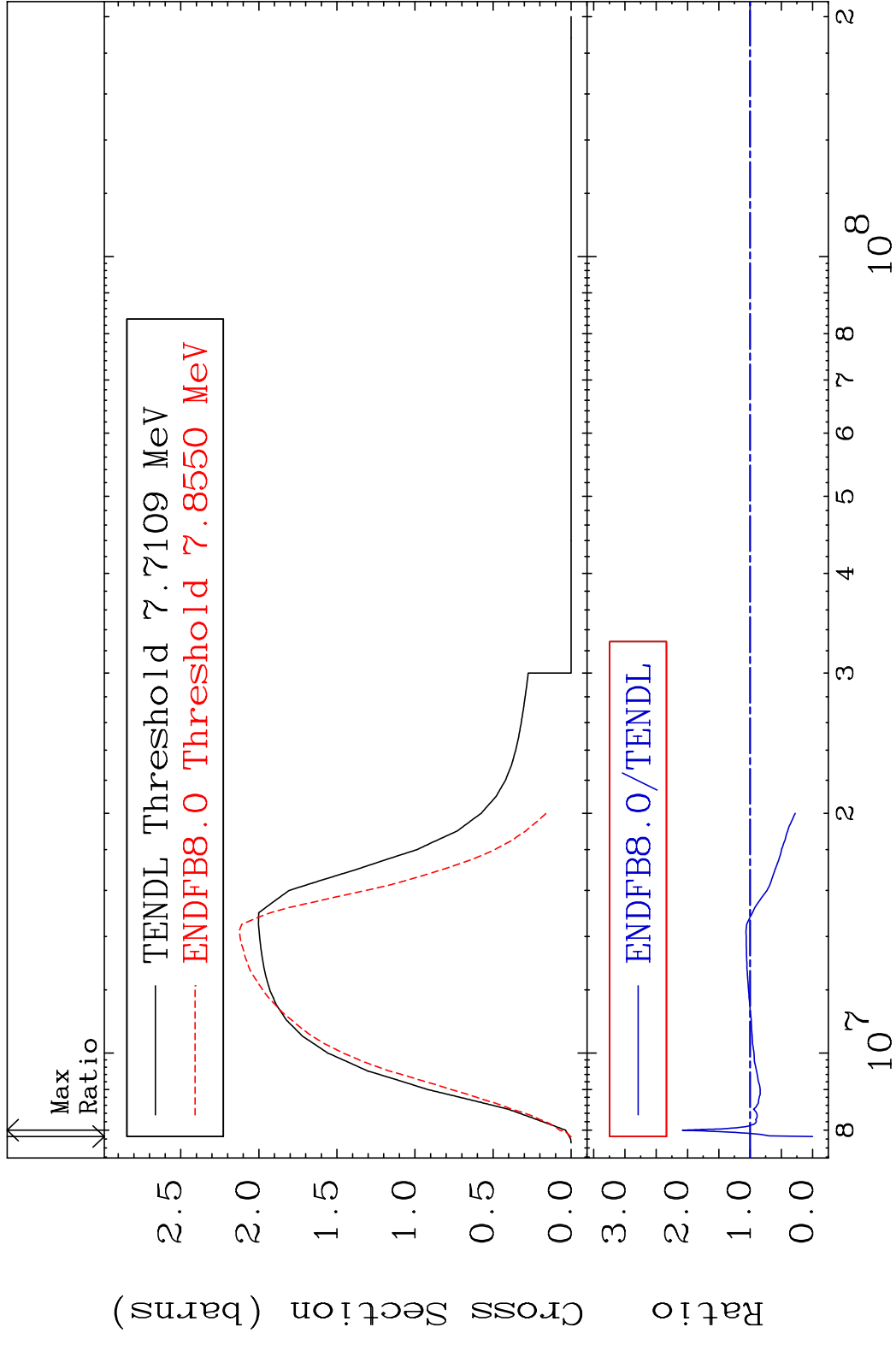


MAT 7125

(n,2n)

71-Lu-175

Cross Section -100.0 To 108.3 %

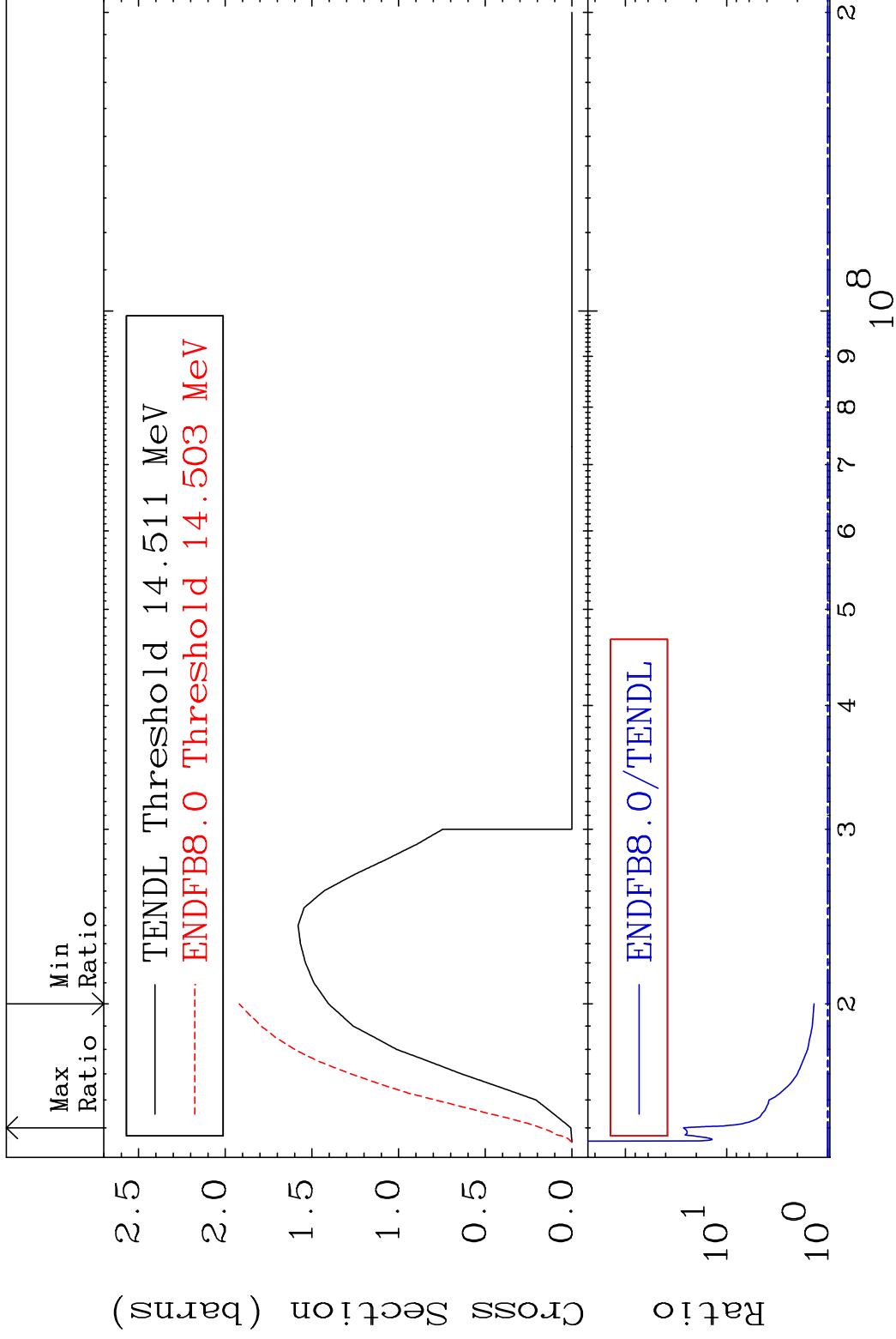


MAT 7125

(n,3n)

71-Lu-175

Cross Section 36.73 To 2573. %

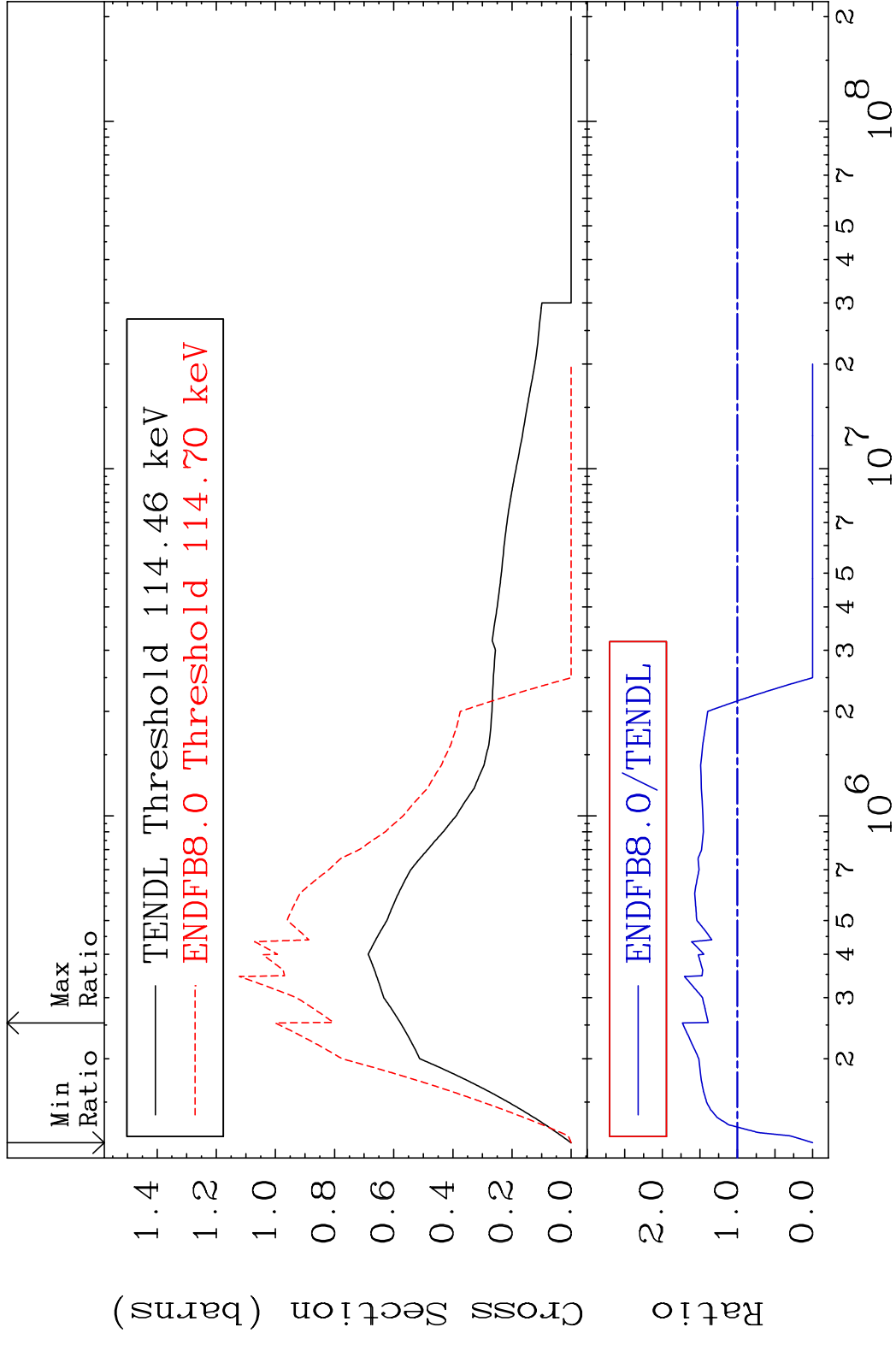


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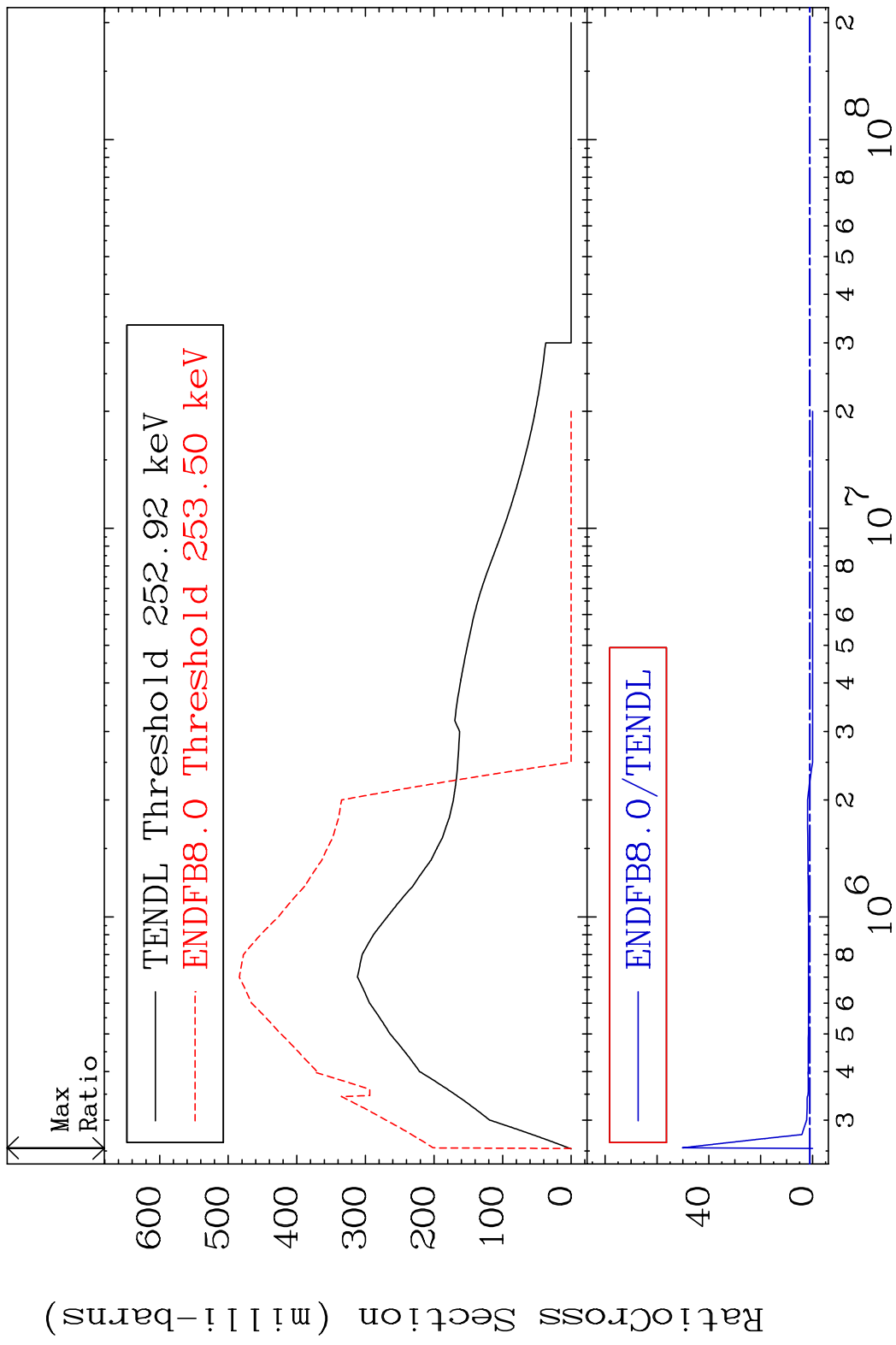
Incident Energy (eV)

71-Lu-175

MAT 7125 MT= 51 (n, n') Level 71-Lu-175
 Cross Section -100.0 To 73.37 %

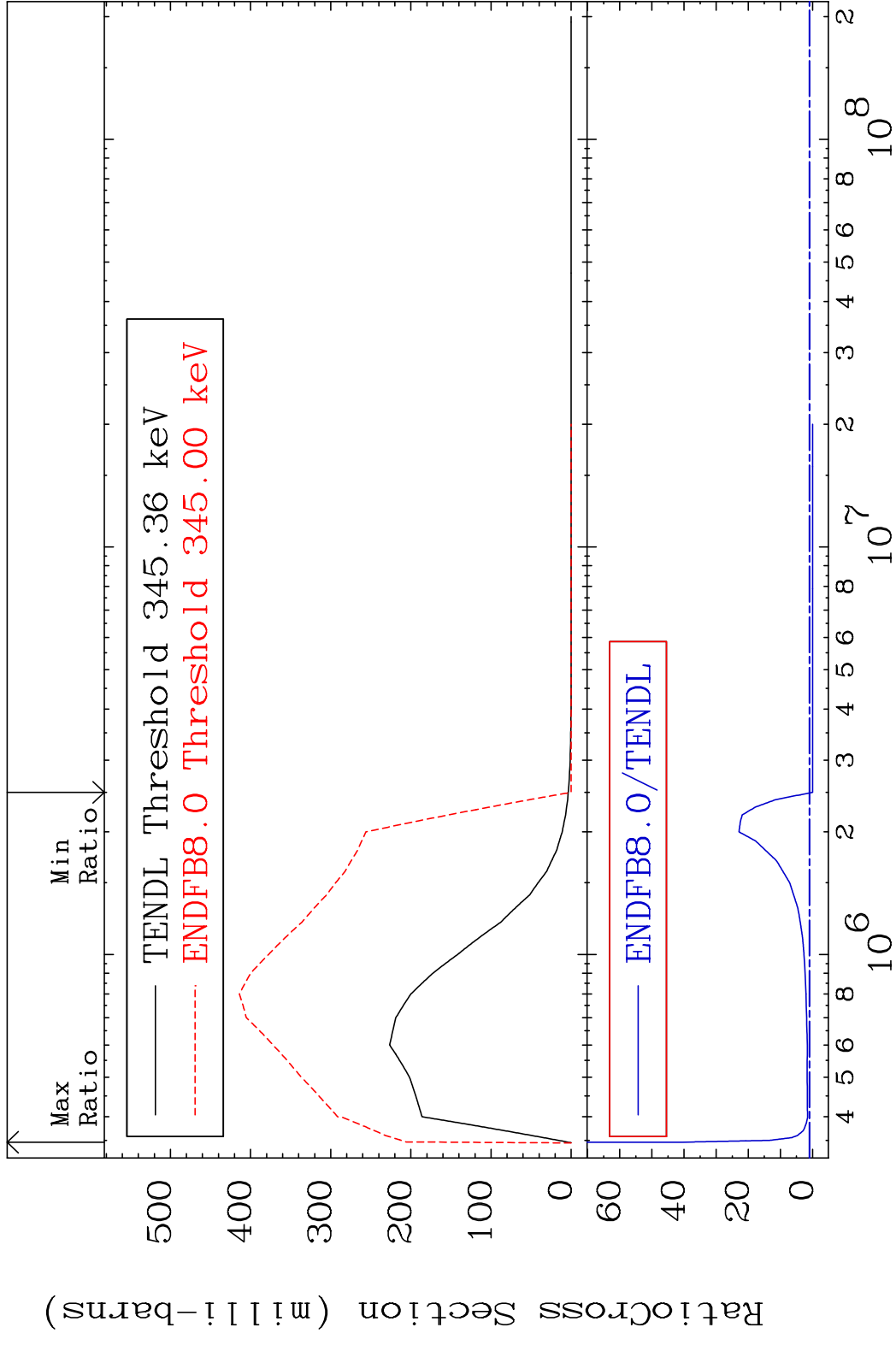


MAT 7125 MT= 52 (n, n') Level 71-Lu-175
 Cross Section -100.0 To 4923. %

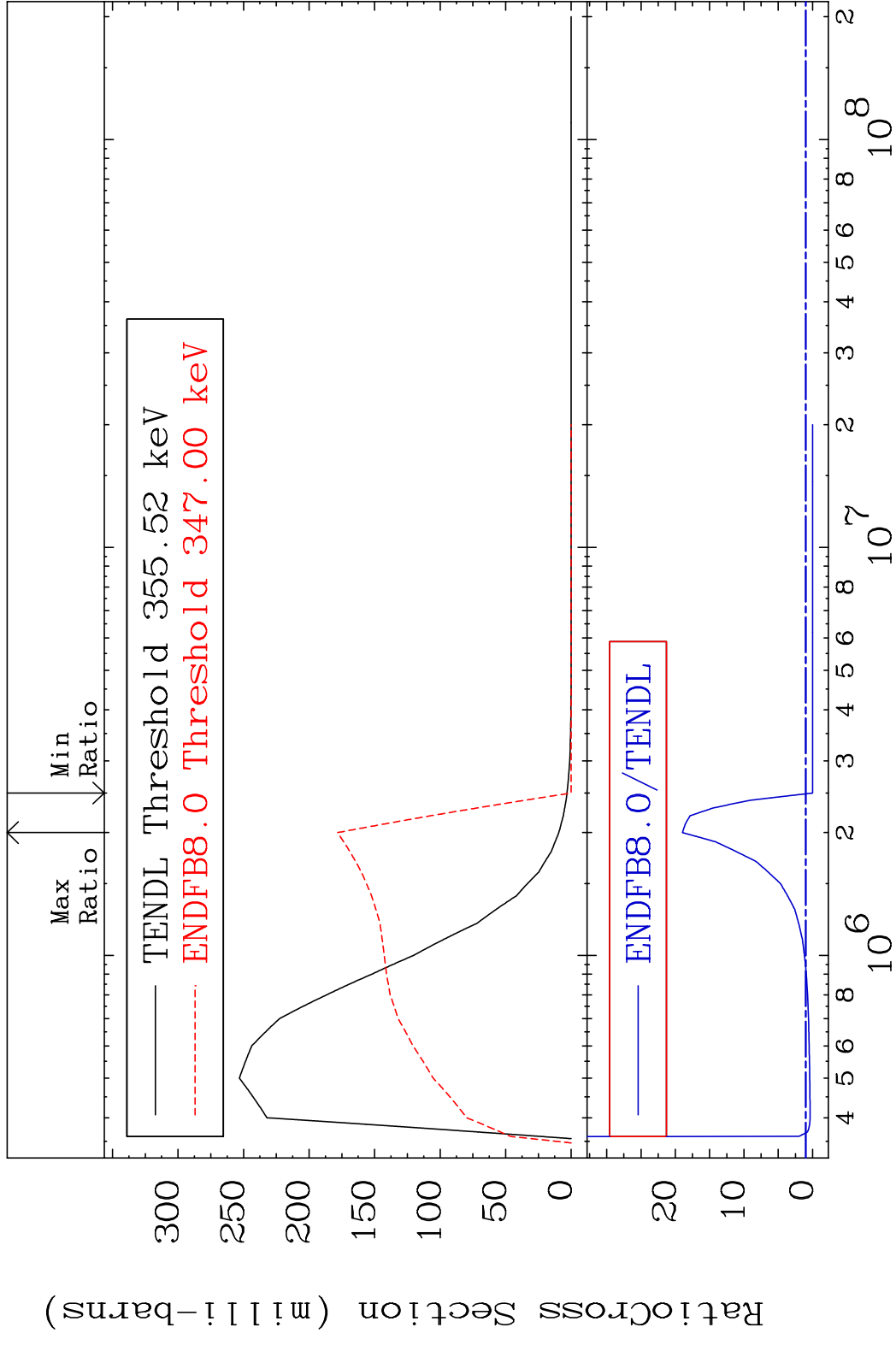


7 Incident Energy (eV) 71-Lu-175

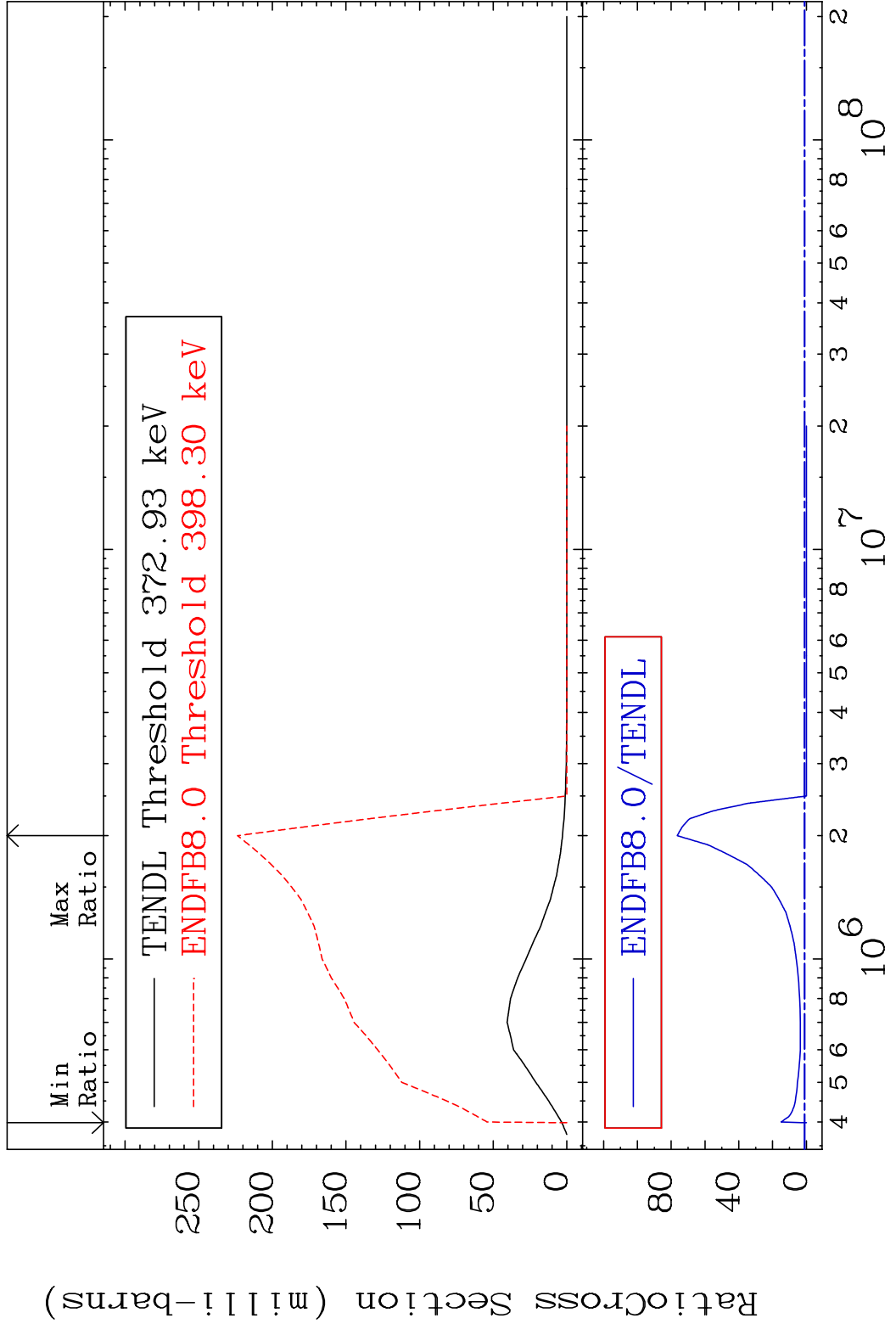
MAT 7125 MT= 53 (n,n') Level 71-Lu-175
 Cross Section -100.0 To 3952. %



MAT 7125 MT= 54 (n, n') Level 71-Lu-175
 Cross Section -100.0 To 1798. %

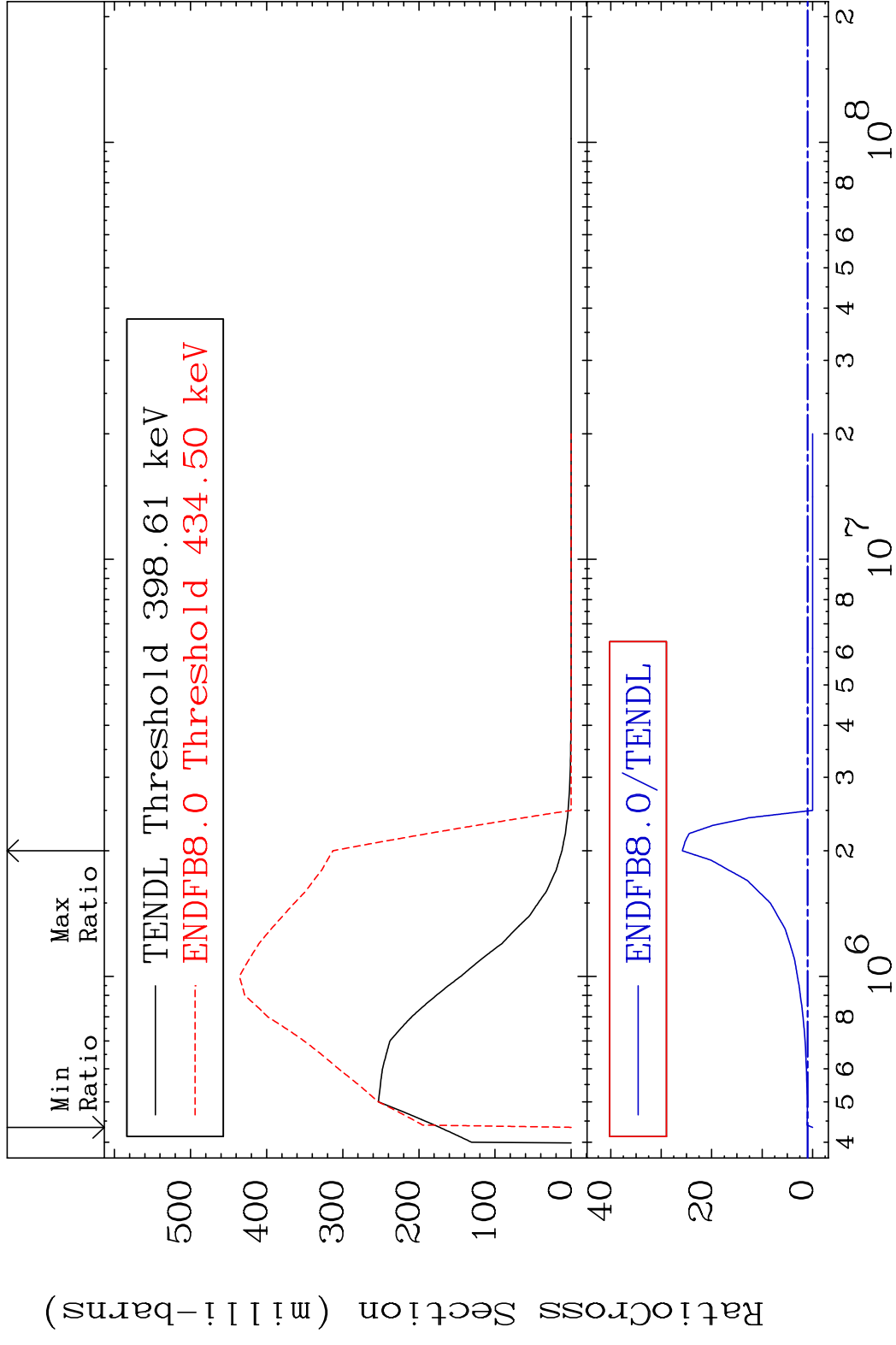


MAT 7125 MT= 55 (n,n') Level 71-Lu-175
 Cross Section -100.0 To 7545. %

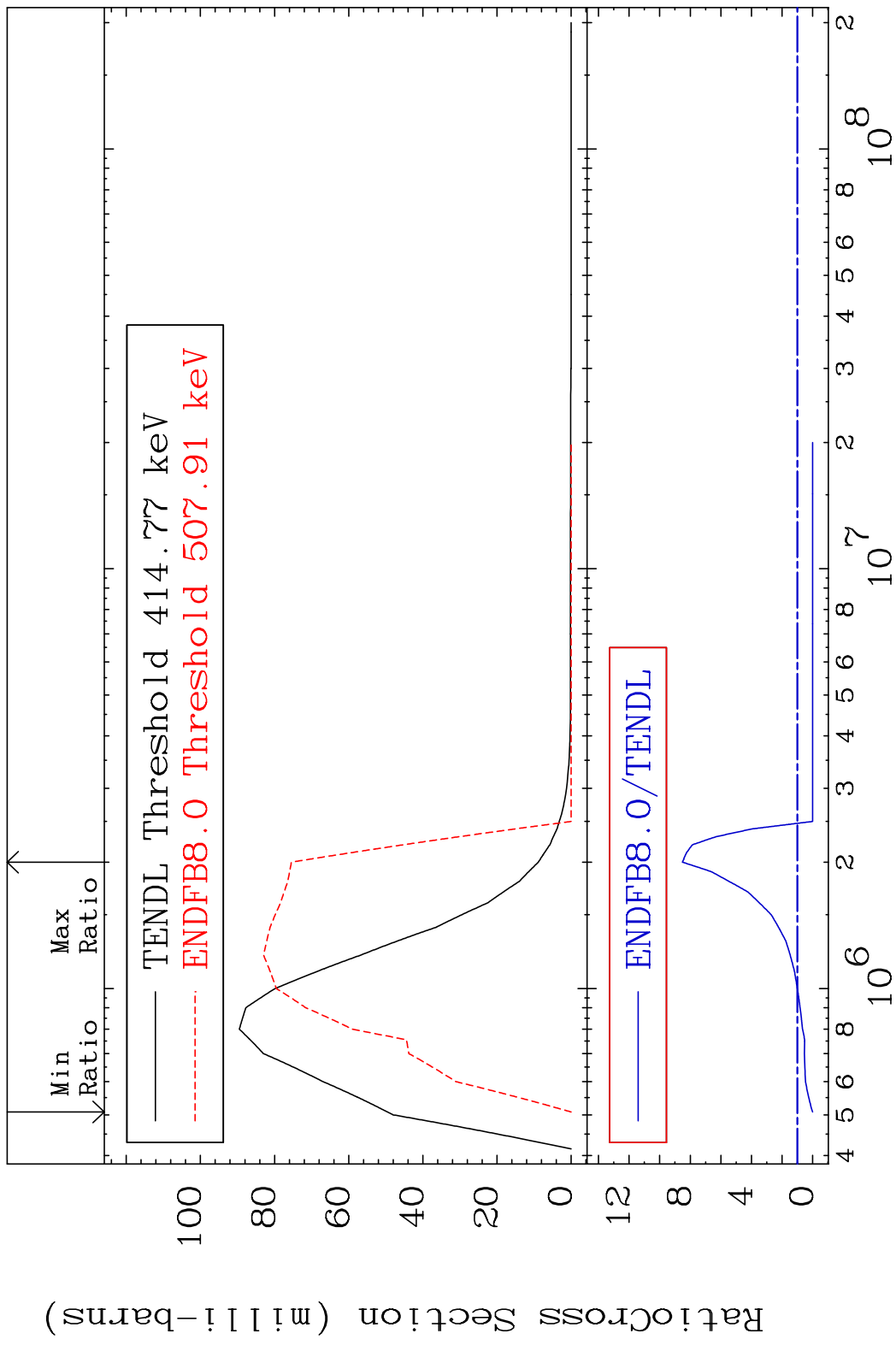


10 Incident Energy (eV) 71-Lu-175

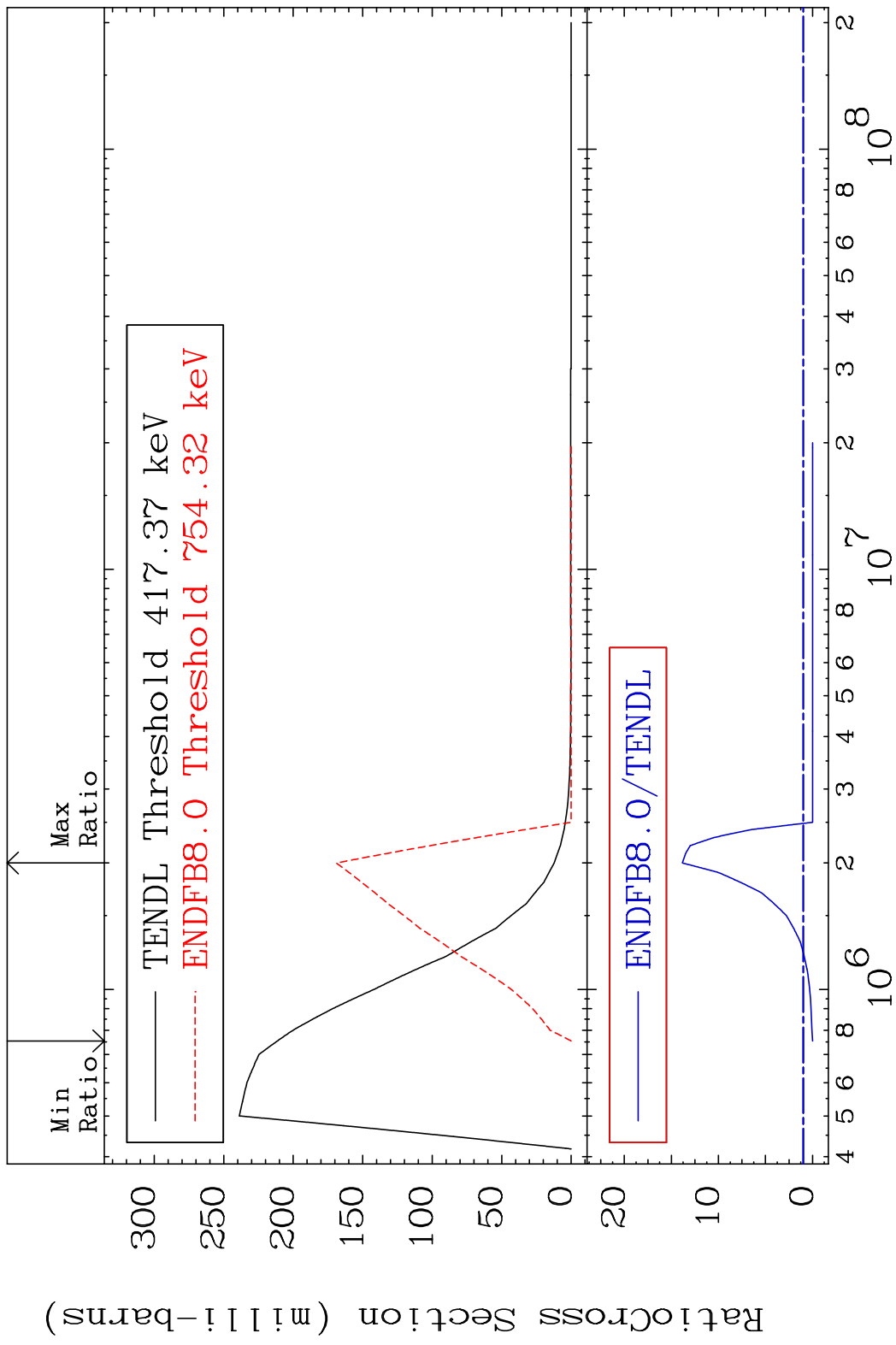
MAT 7125 MT= 56 (n,n') Level 71-Lu-175
 Cross Section -100.0 To 2481. %



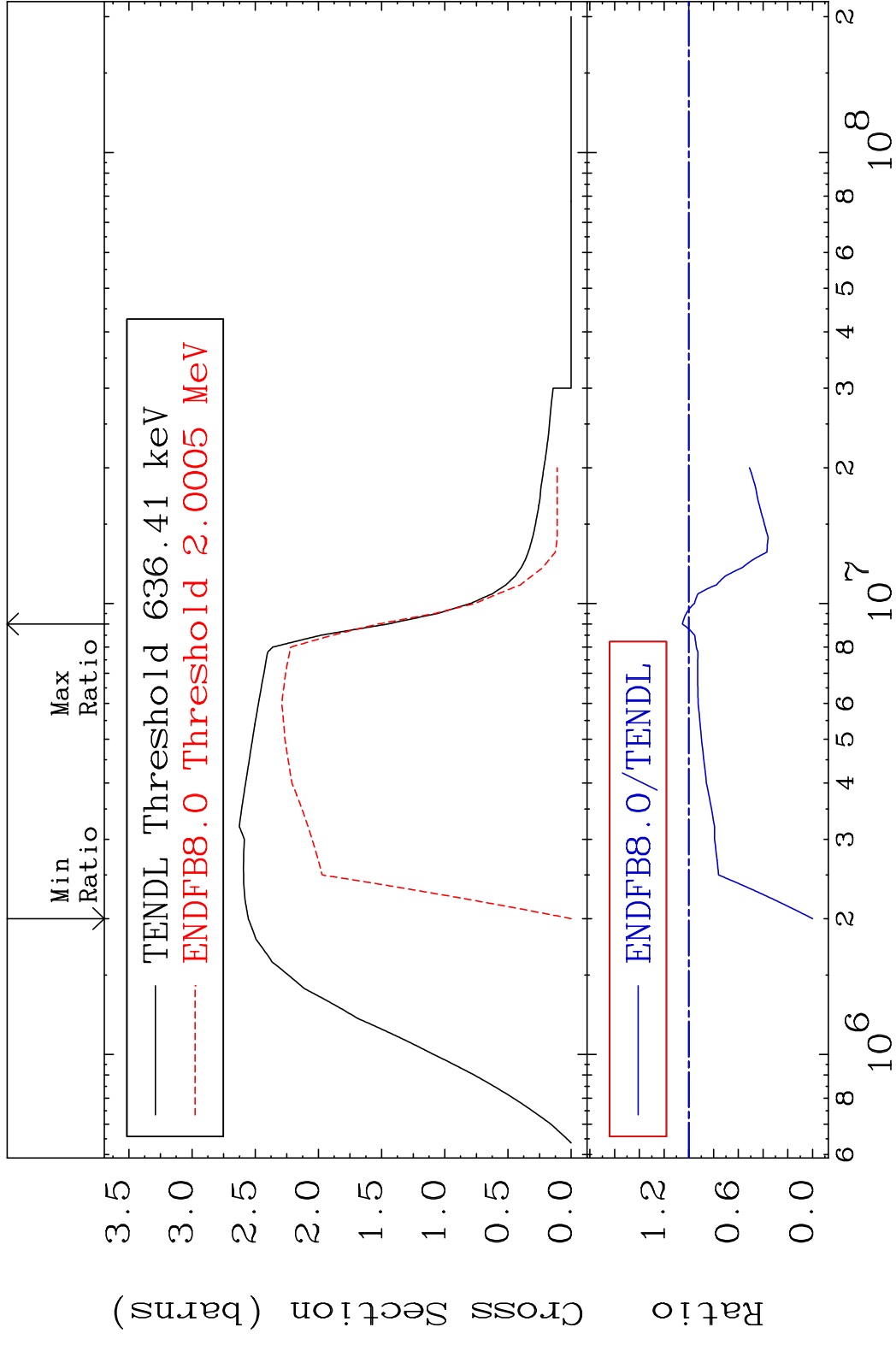
MAT 7125 MT= 57 (n,n') Level 71-Lu-175
 Cross Section -100.0 To 751.7 %



MAT 7125 MT= 58 (n,n') Level 71-Lu-175
 Cross Section -100.0 To 1284. %



MAT 7125 (n, n') Continuum 71-Lu-175
 Cross Section -100.0 To 5.263 %

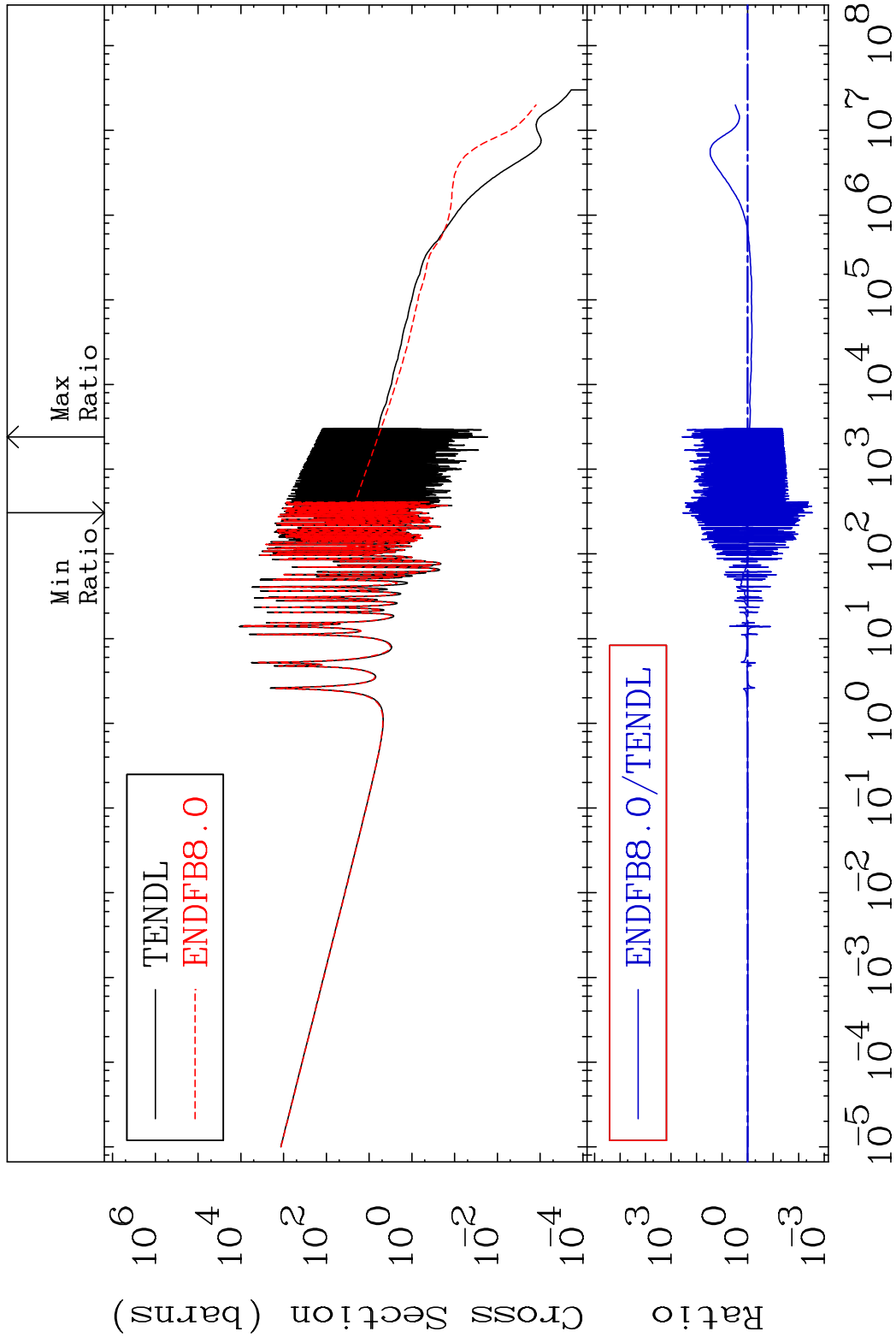


MAT 7125

(n, γ)

71-Lu-175

Cross Section -99.71 To 9999. %



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Incident Energy (eV)

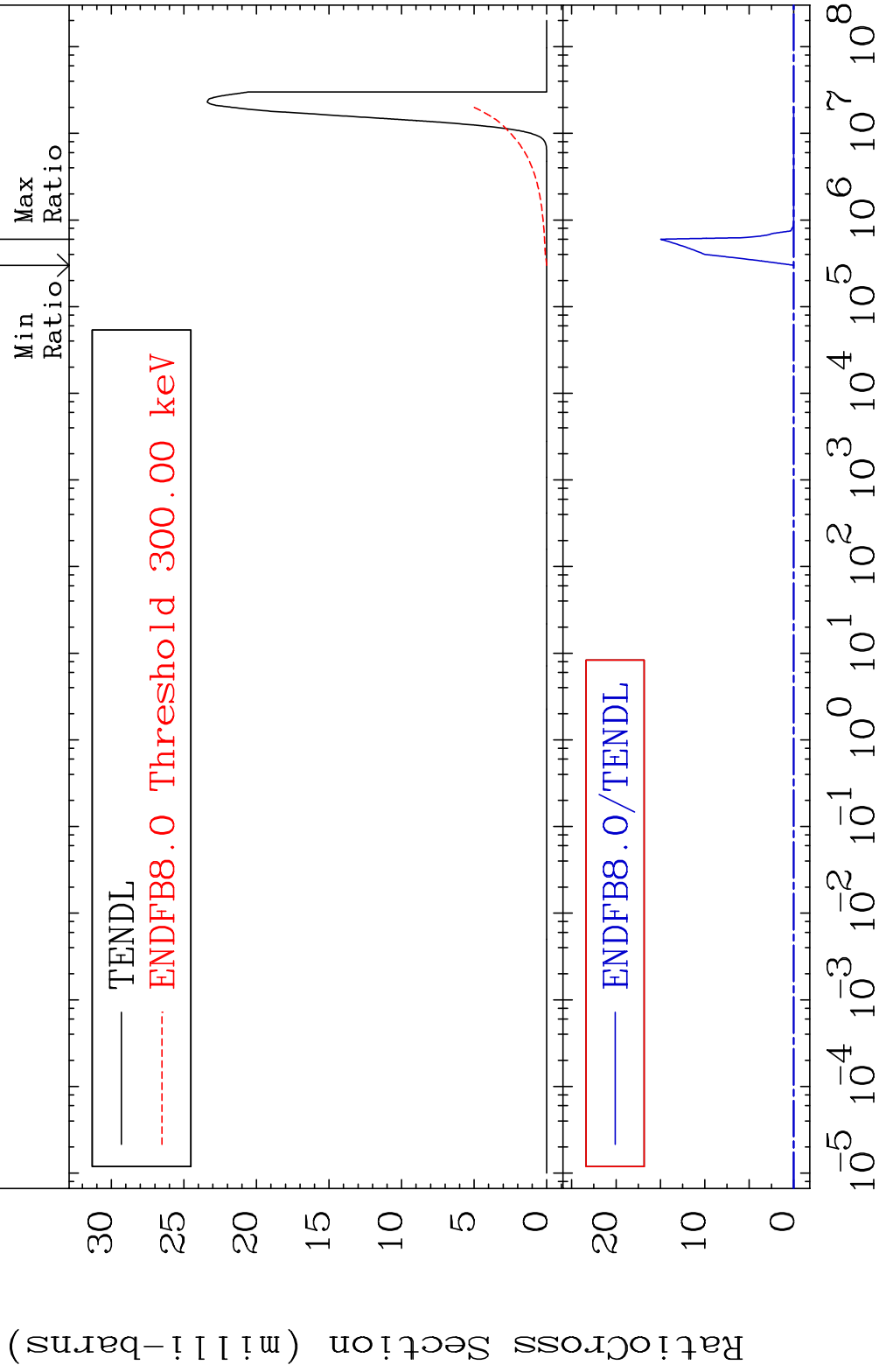
71-Lu-175

MAT 7125

(n, p)

71-Lu-175

Cross Section -100.0 To 9999. %

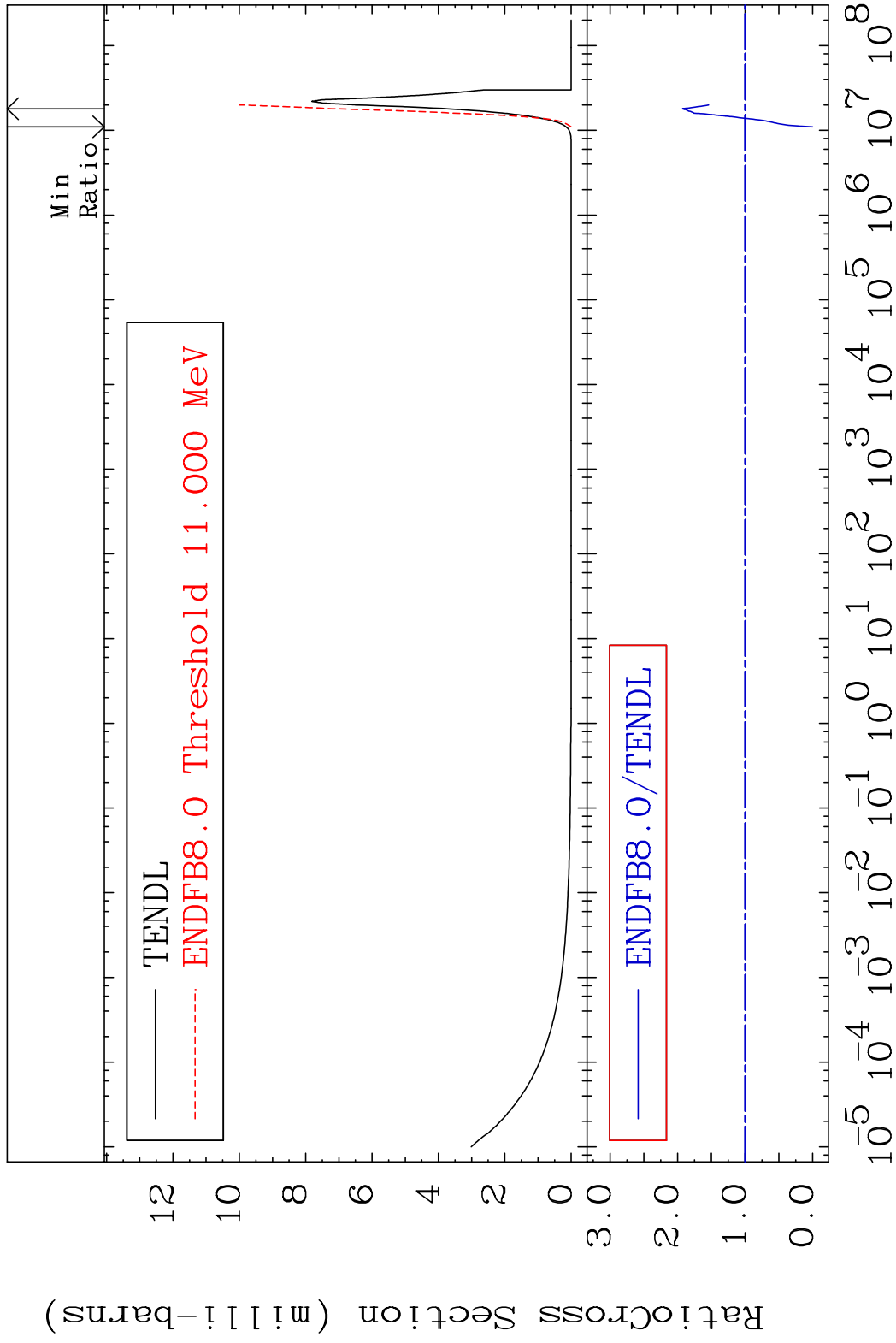


MAT 7125

(n, α)

71-Lu-175

Cross Section -100.0 To 92.92 %



17

Incident Energy (eV)

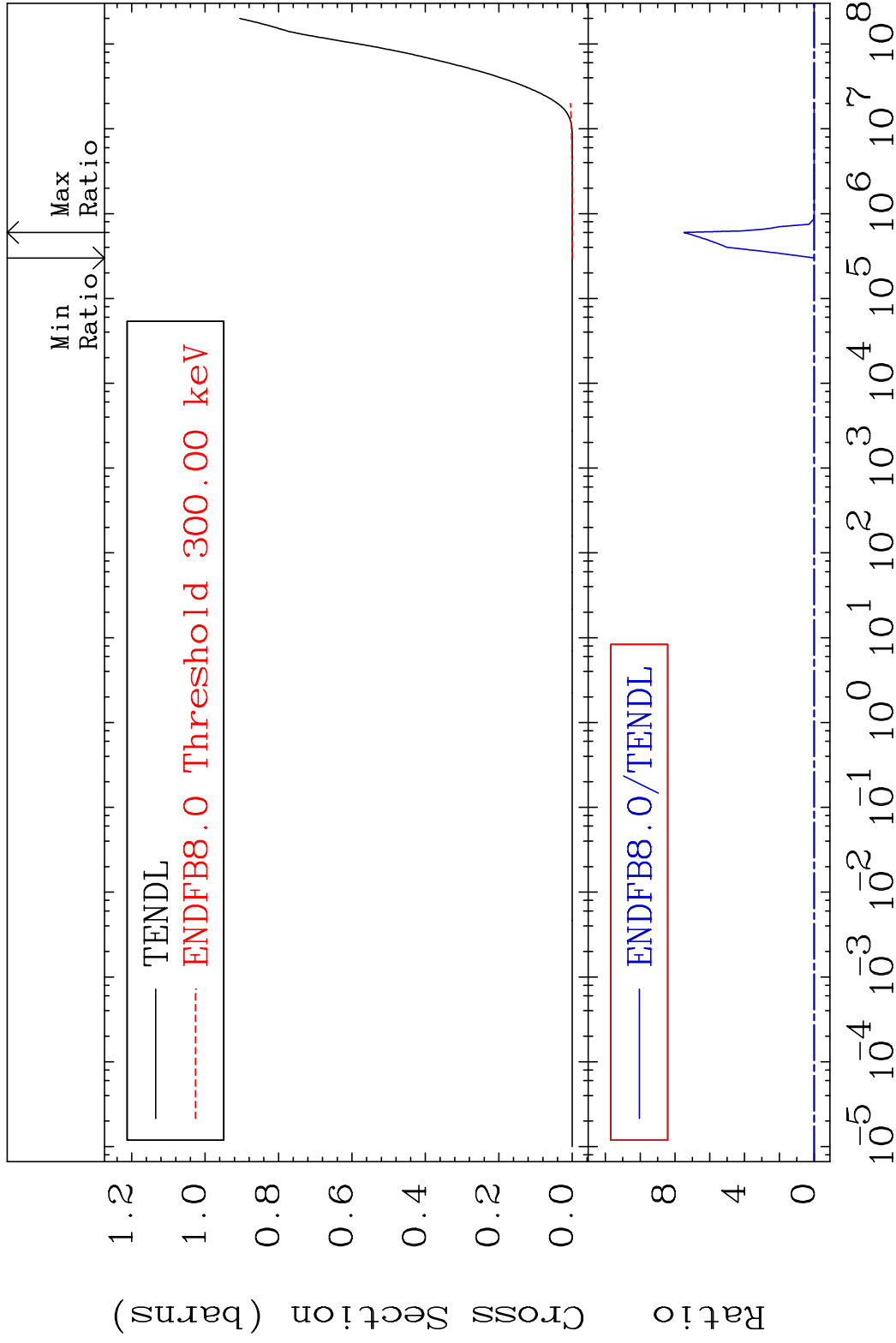
71-Lu-175

MAT 7125

Hydrogen Production

71-Lu-175

Cross Section -100.0 To 9999. %



18

Incident Energy (eV)

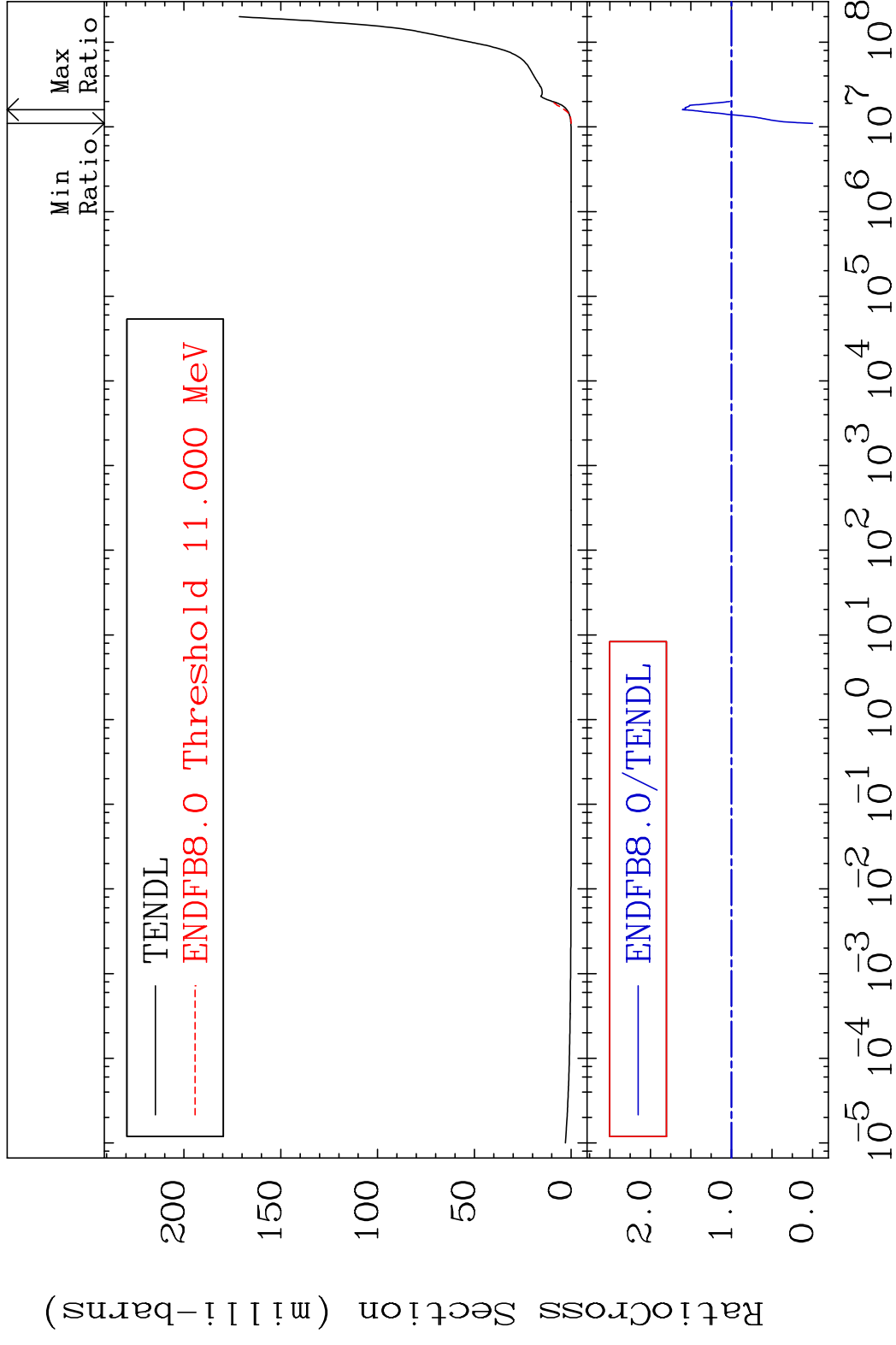
71-Lu-175

MAT 7125

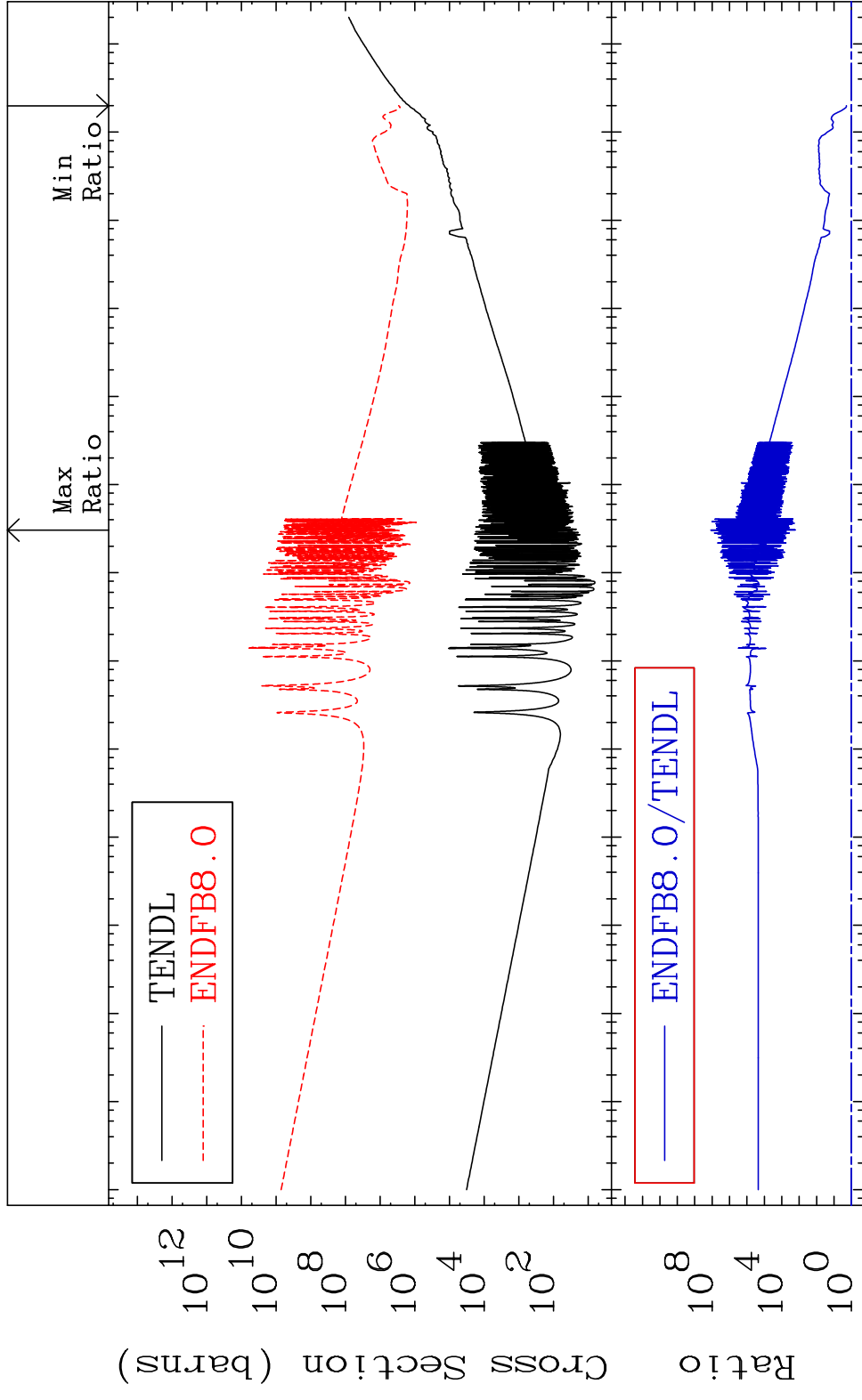
He-4 Production

71-Lu-175

Cross Section -100.0 To 60.56 %



MAT 7125 Kerma total (eV-barns) 71-Lu-175
 Cross Section 96.23 To 9999. %



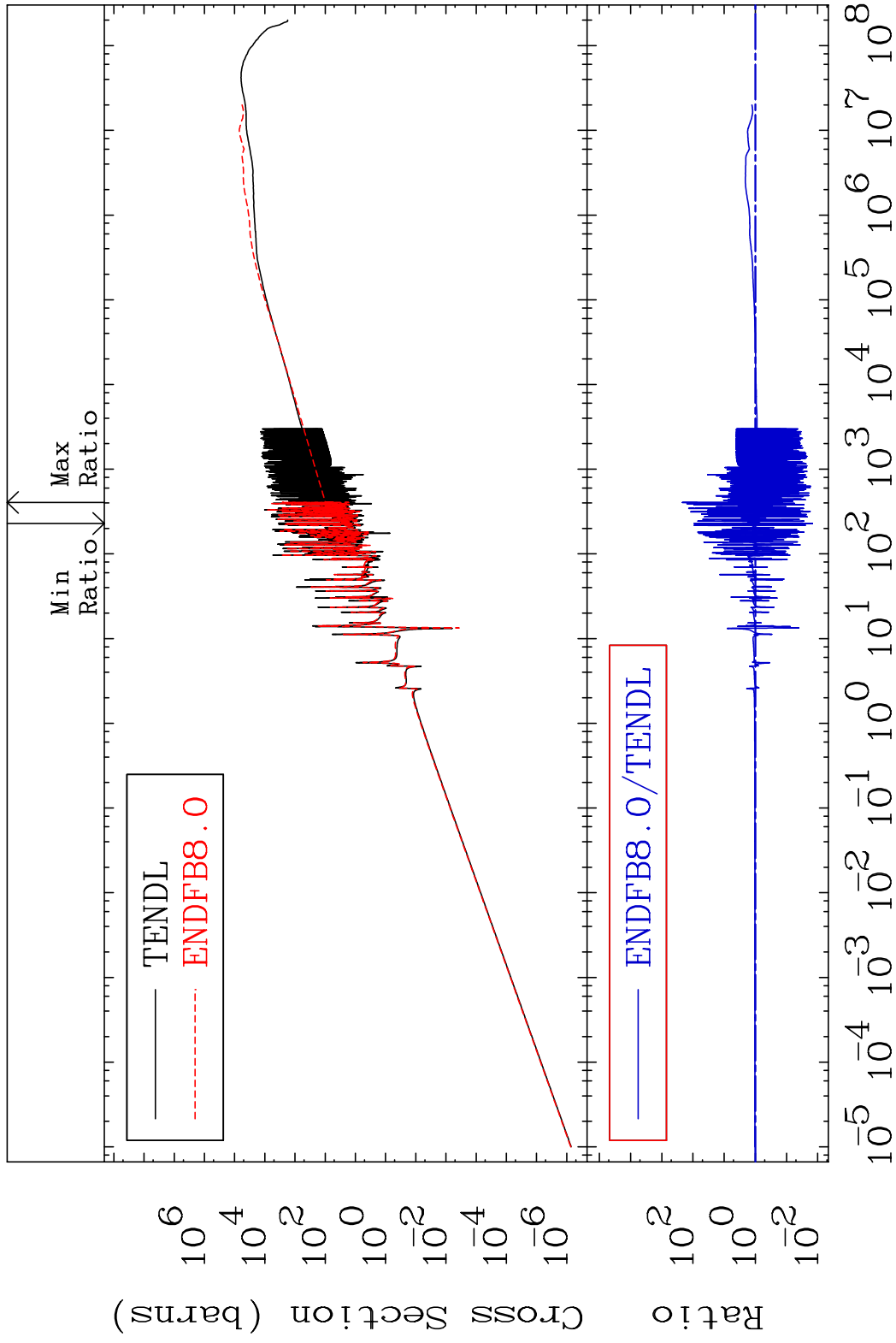
20 Incident Energy (eV) 71-Lu-175

MAT 7125

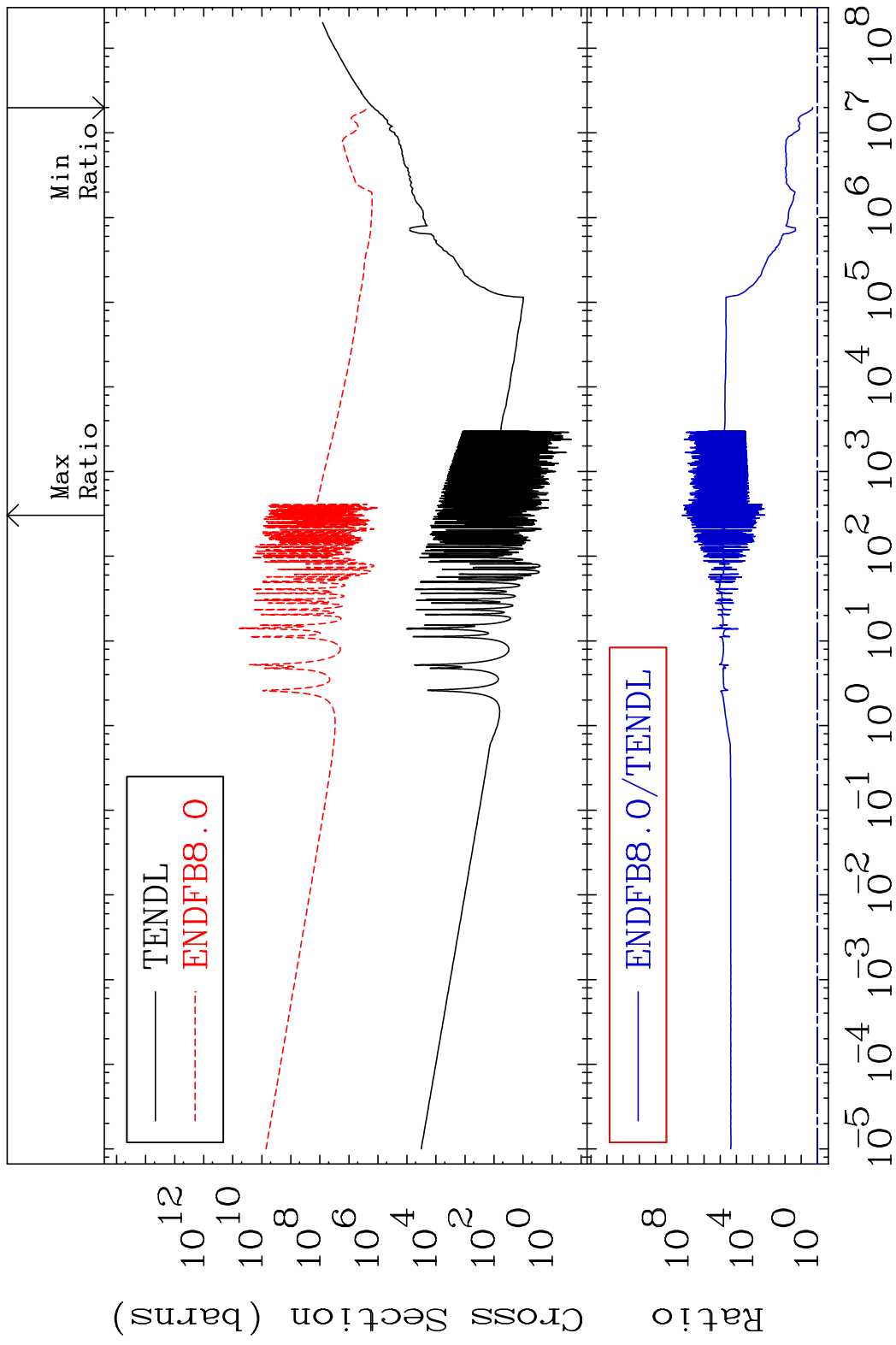
Kerma elastic

71-Lu-175

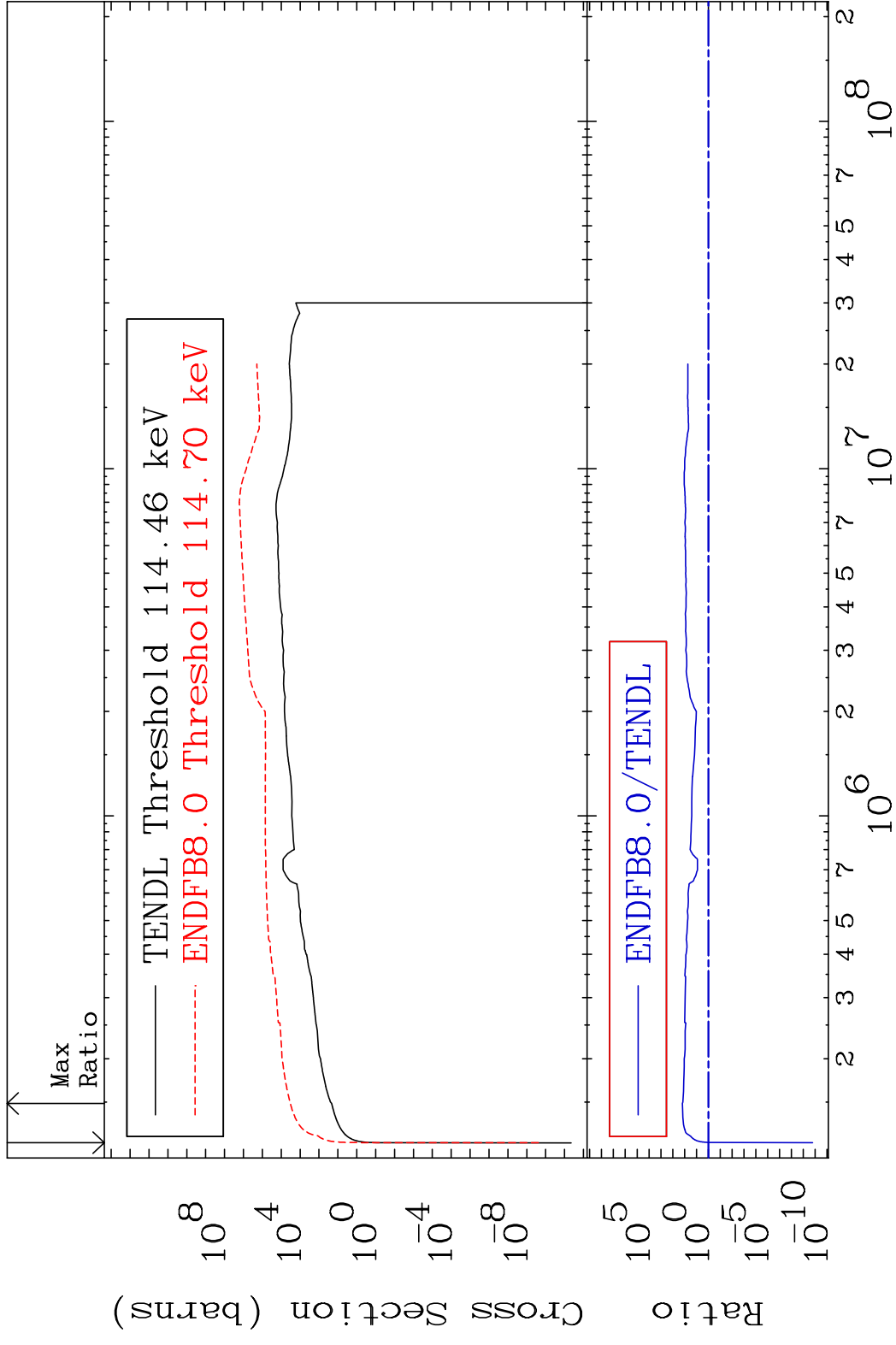
Cross Section -98.54 To 9999. %



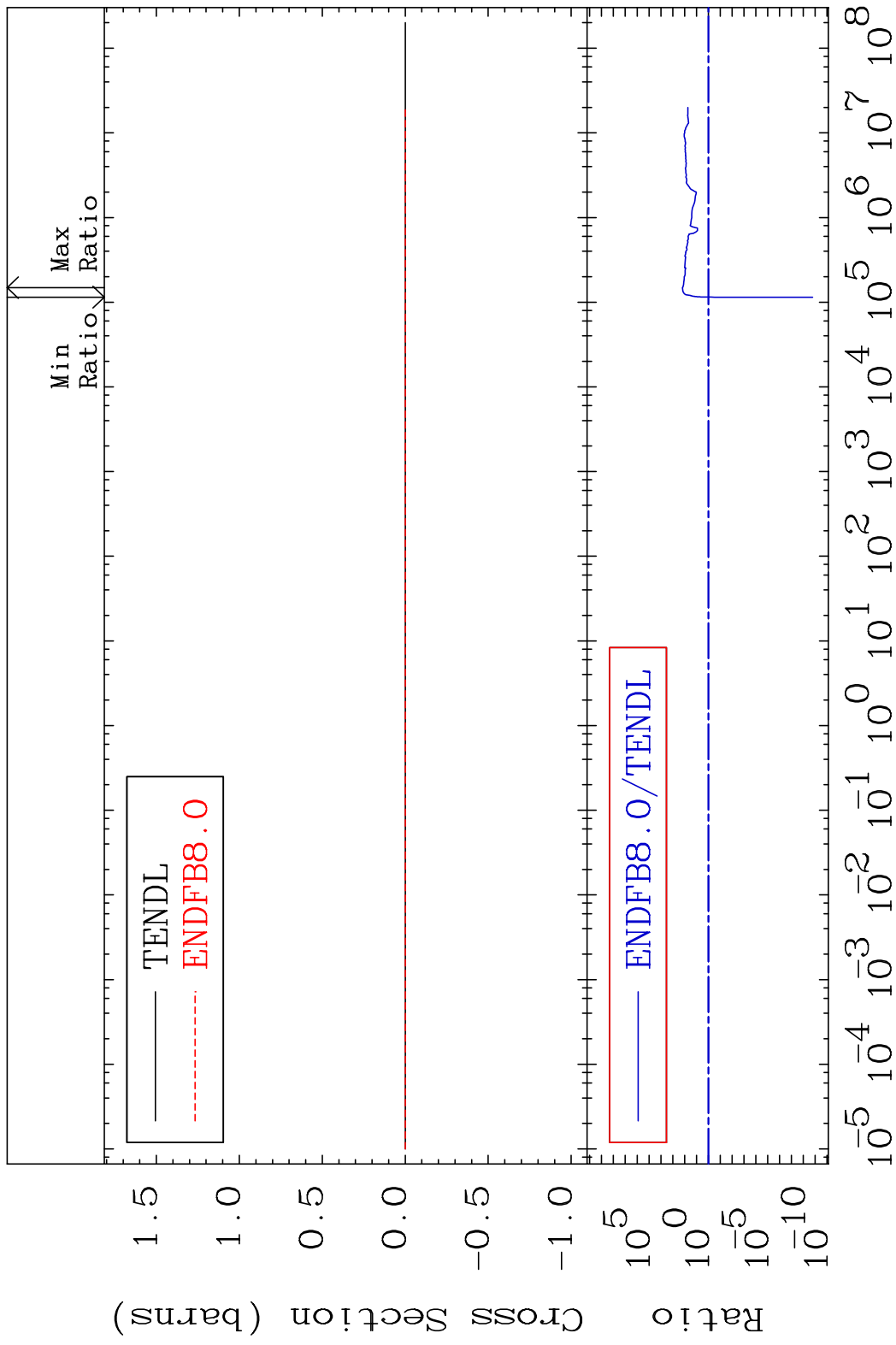
MAT 7125 Kerma non-elastic (all but mt2) 71-Lu-175
 Cross Section 98.40 To 9999. %

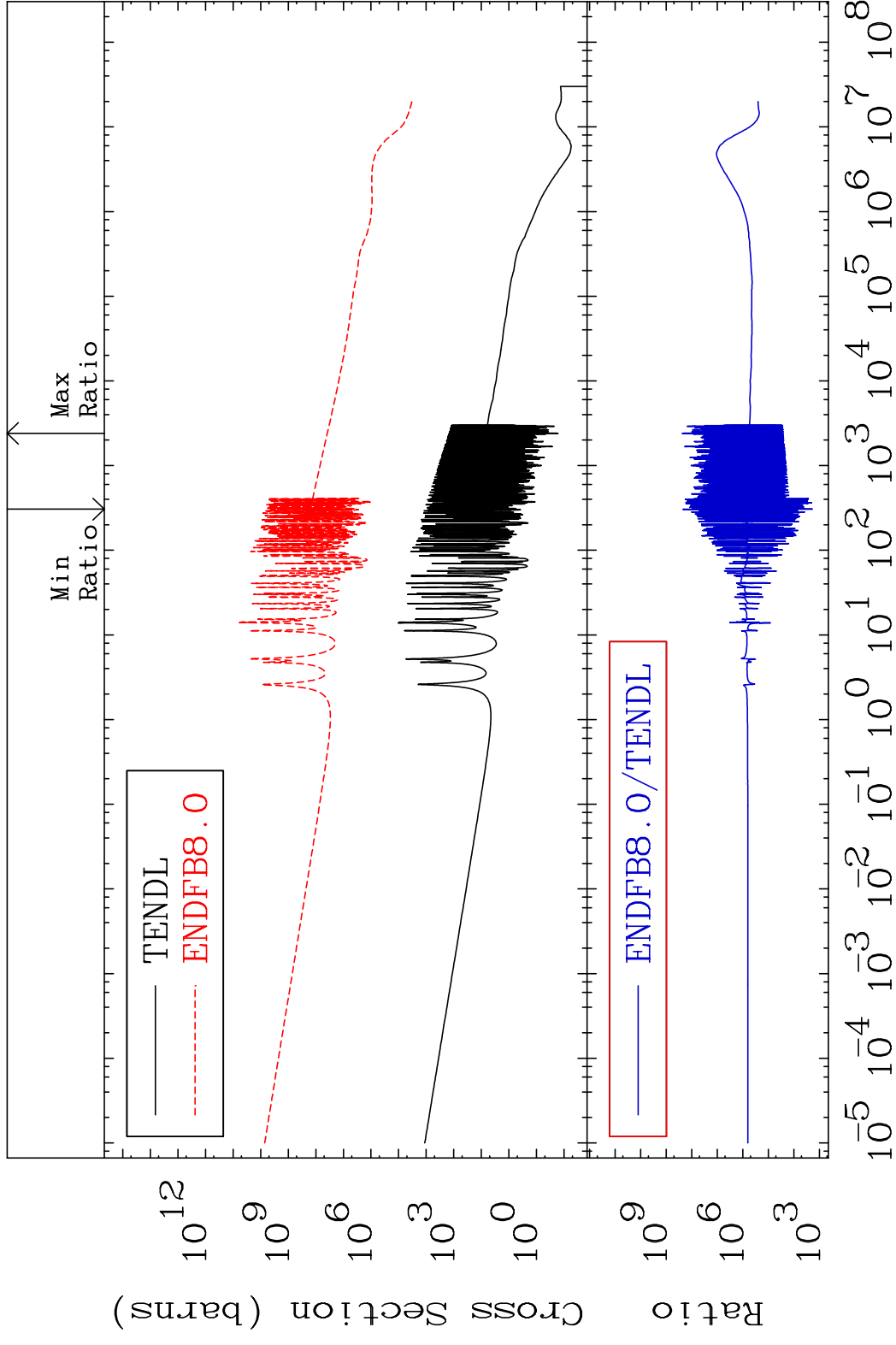


MAT 7125 Kerma inelastic (mt51-91) 71-Lu-175
 Cross Section -100.0 To 9999. %

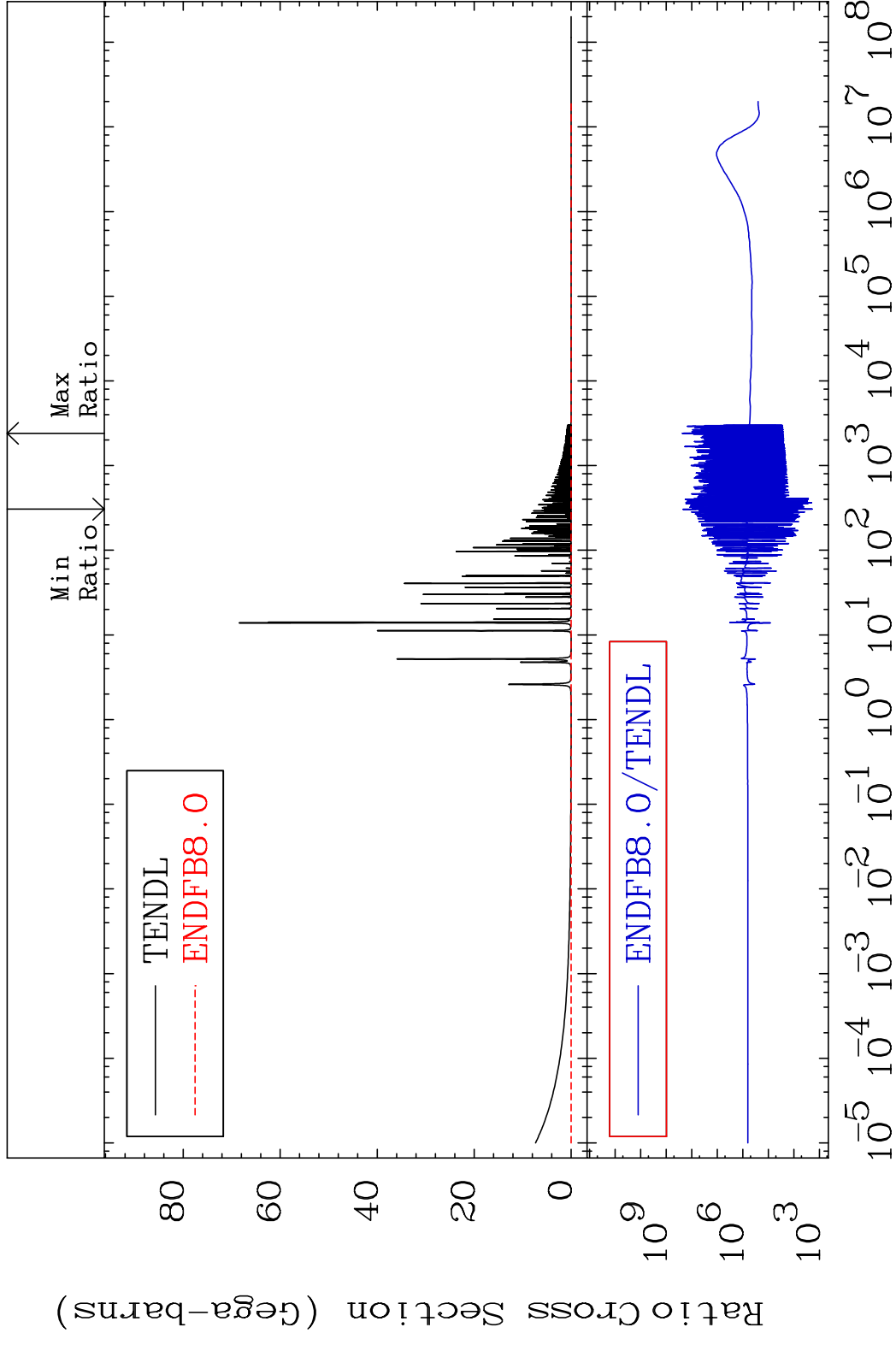


MAT 7125 Kerma fission (mt18 or mt19-20-21-38) 71-Lu-175
 Cross Section -100.0 To 9999. %

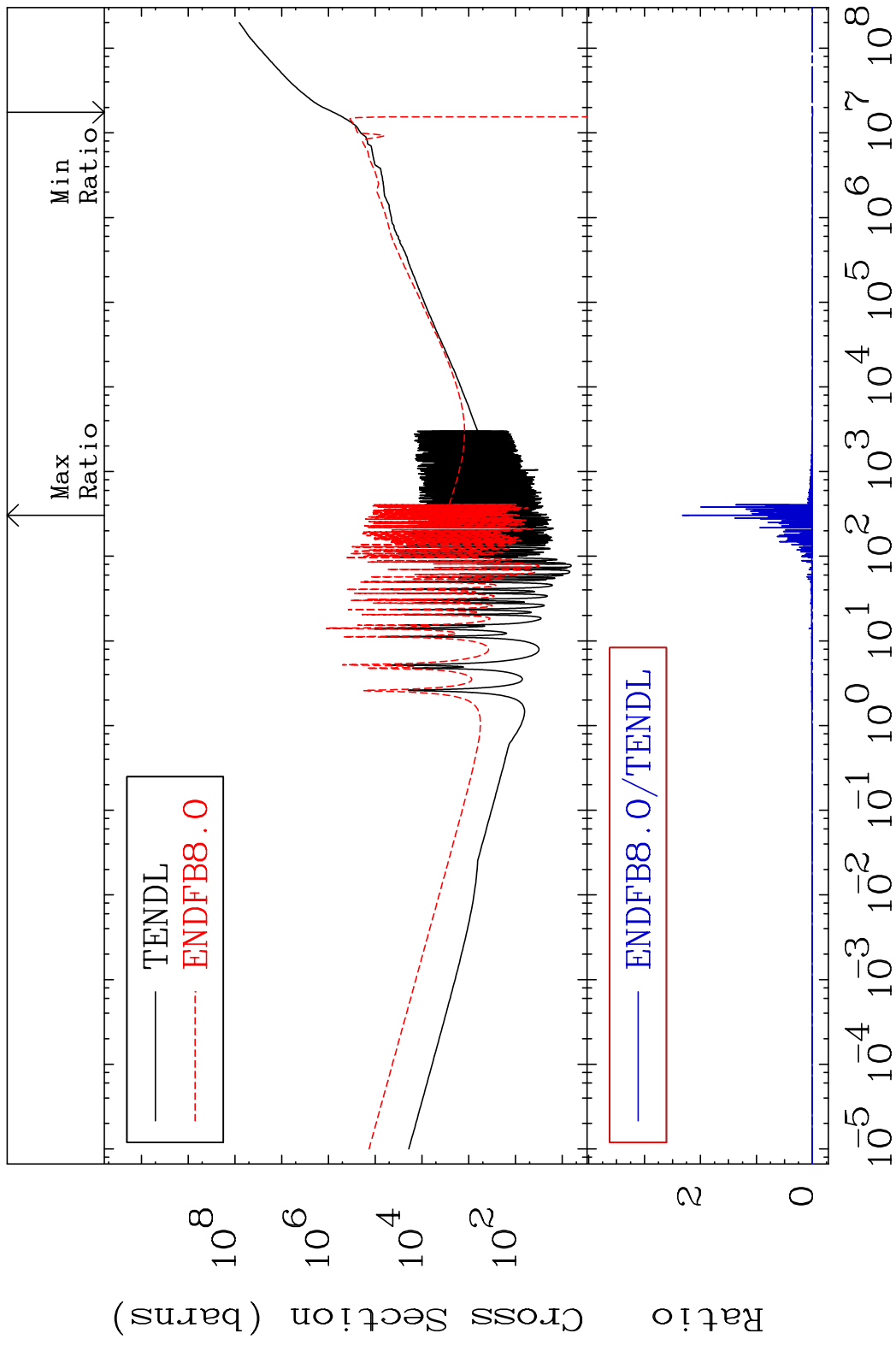




MAT 7125 Total photon (eV-barns) 71-Lu-175
 Cross Section 9999. To 9999. %



MAT 7125 Total kinematic kerma (high limit) 71-Lu-175
 Cross Section -292.3 To 9999. %

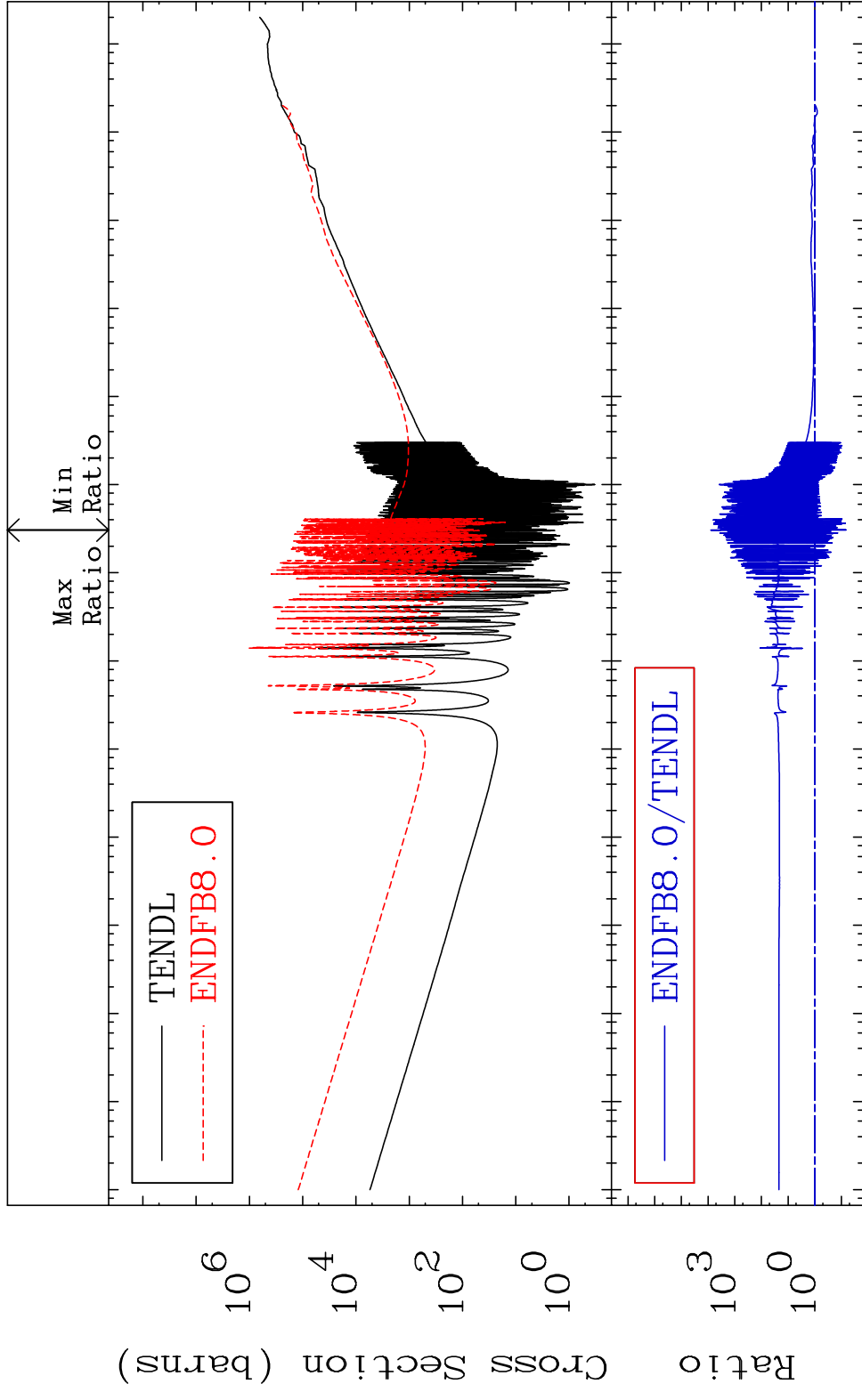


MAT 7125

Dpa total (eV-barns)

71-Lu-175

Cross Section -93.44 To 9999. %

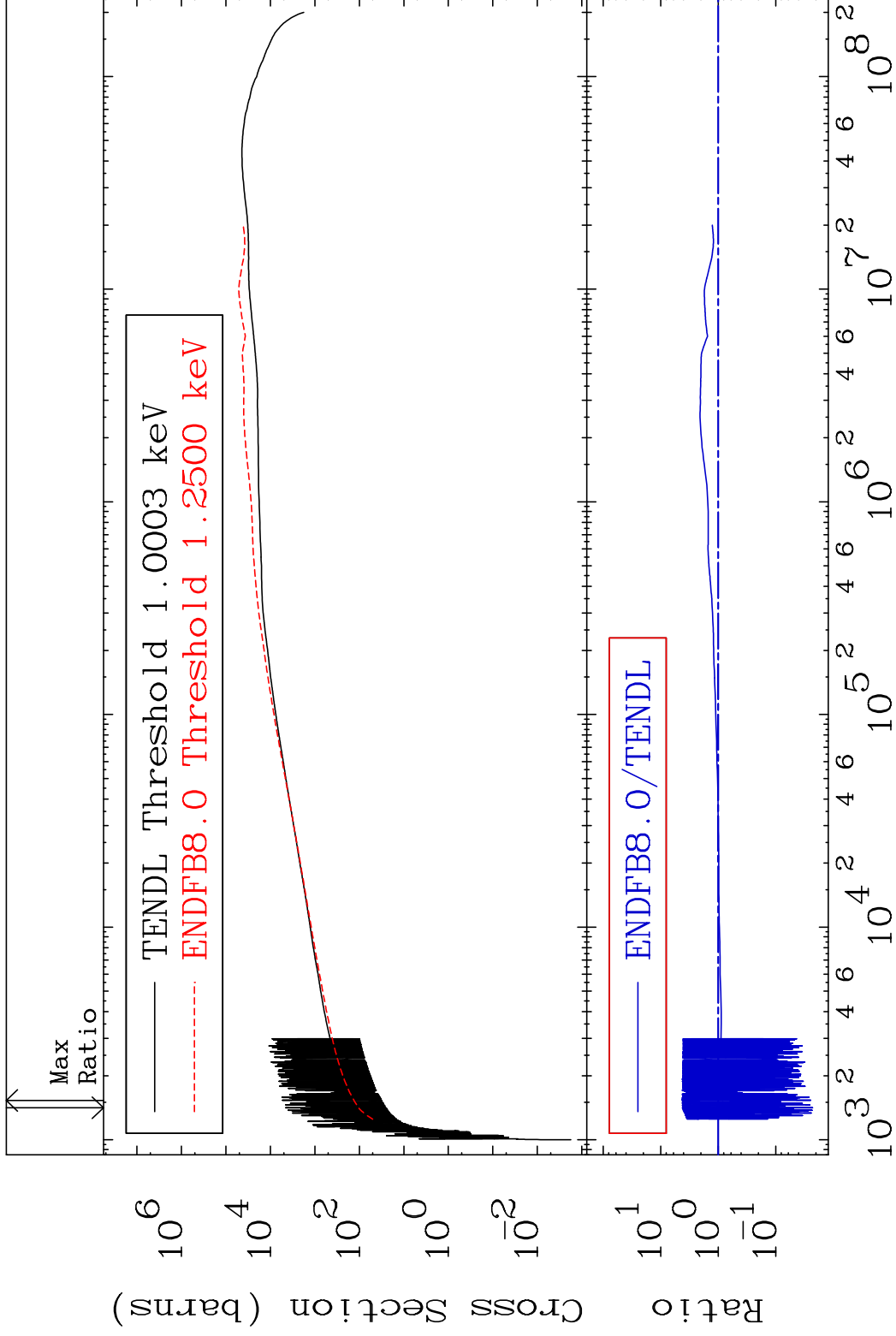


MAT 7125

Dpa elastic (mt2)

71-Lu-175

Cross Section -97.71 To 323.2 %

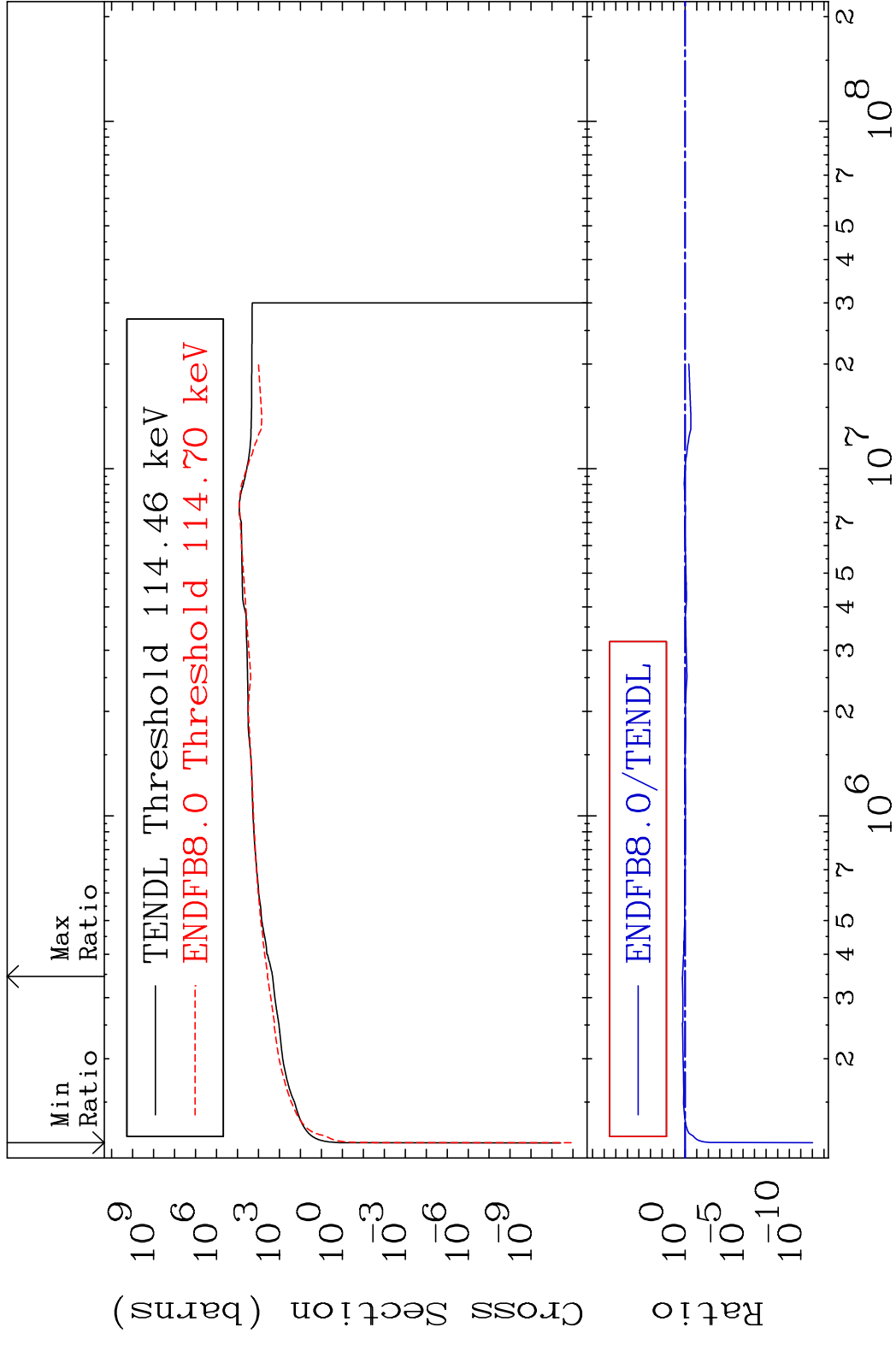


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Incident Energy (eV)

71-Lu-175

MAT 7125 Dpa inelastic (mt51-91) 71-Lu-175
 Cross Section -100.0 To 75.15 %



MAT 7125 Dpa disappearance (mt102 -120) 71-Lu-175
 Cross Section -93.44 To 9999. %

