

Program Complot  
(Version 2018-1)

by

Dermott E. Cullen  
(Present Contact Information)

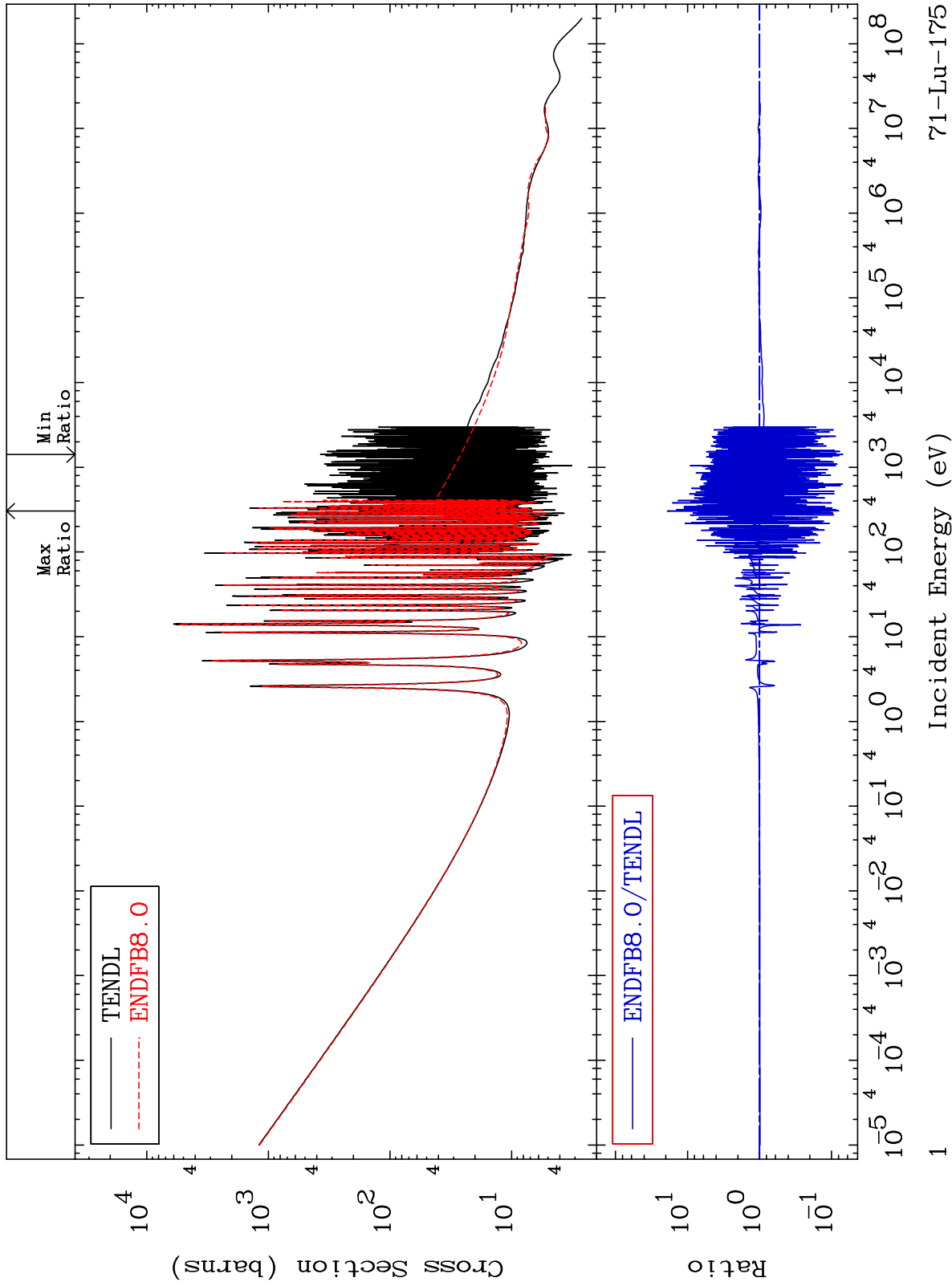
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Web: [redcullen1.net/HOMEPAGE.NEW](http://redcullen1.net/HOMEPAGE.NEW)

Press Mouse Button to Start

MAT 7125 71-Lu-175  
Total Cross Section -93.00 To 1796. %

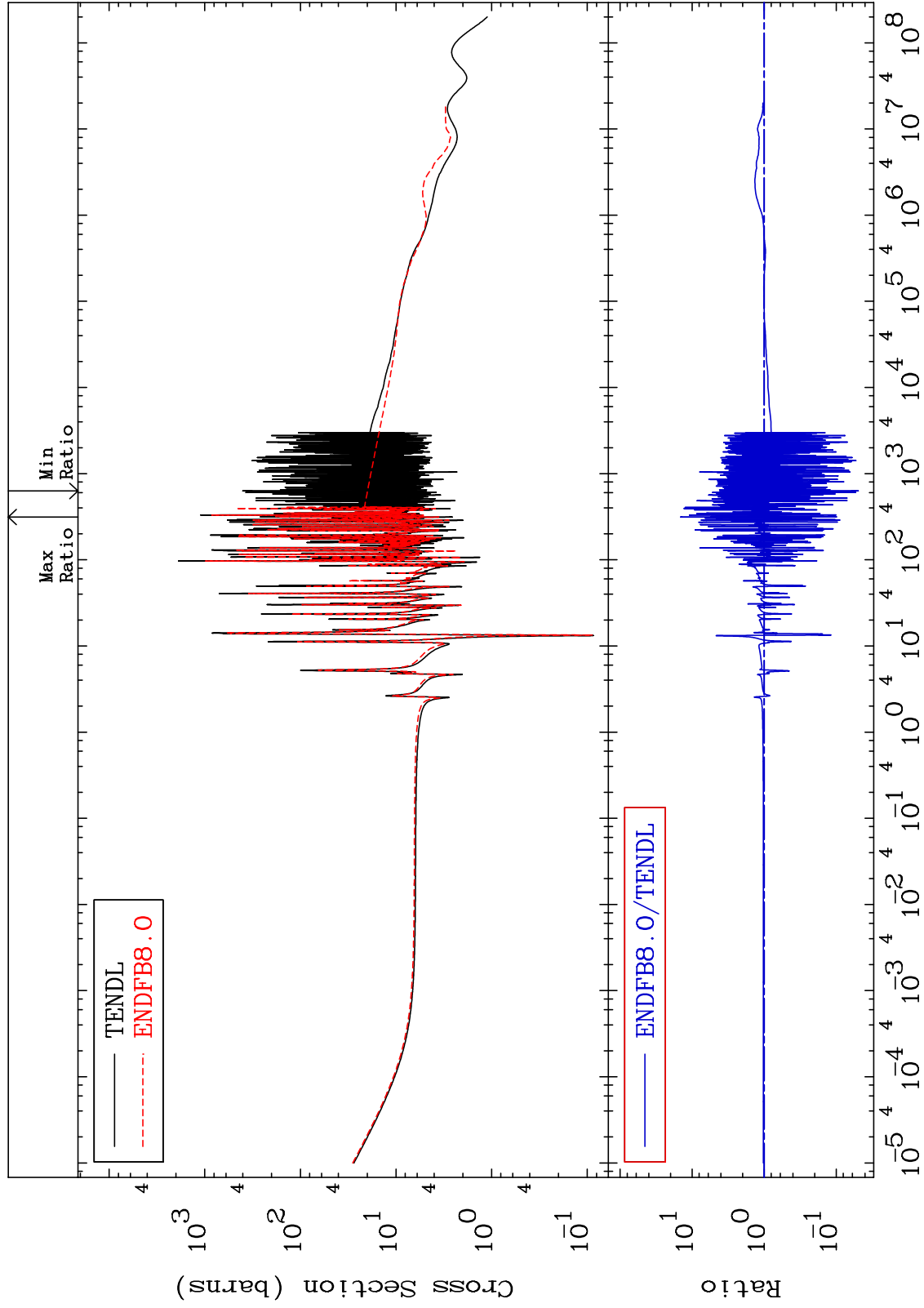


71-Lu-175

MAT 7125

Elastic  
Cross Section

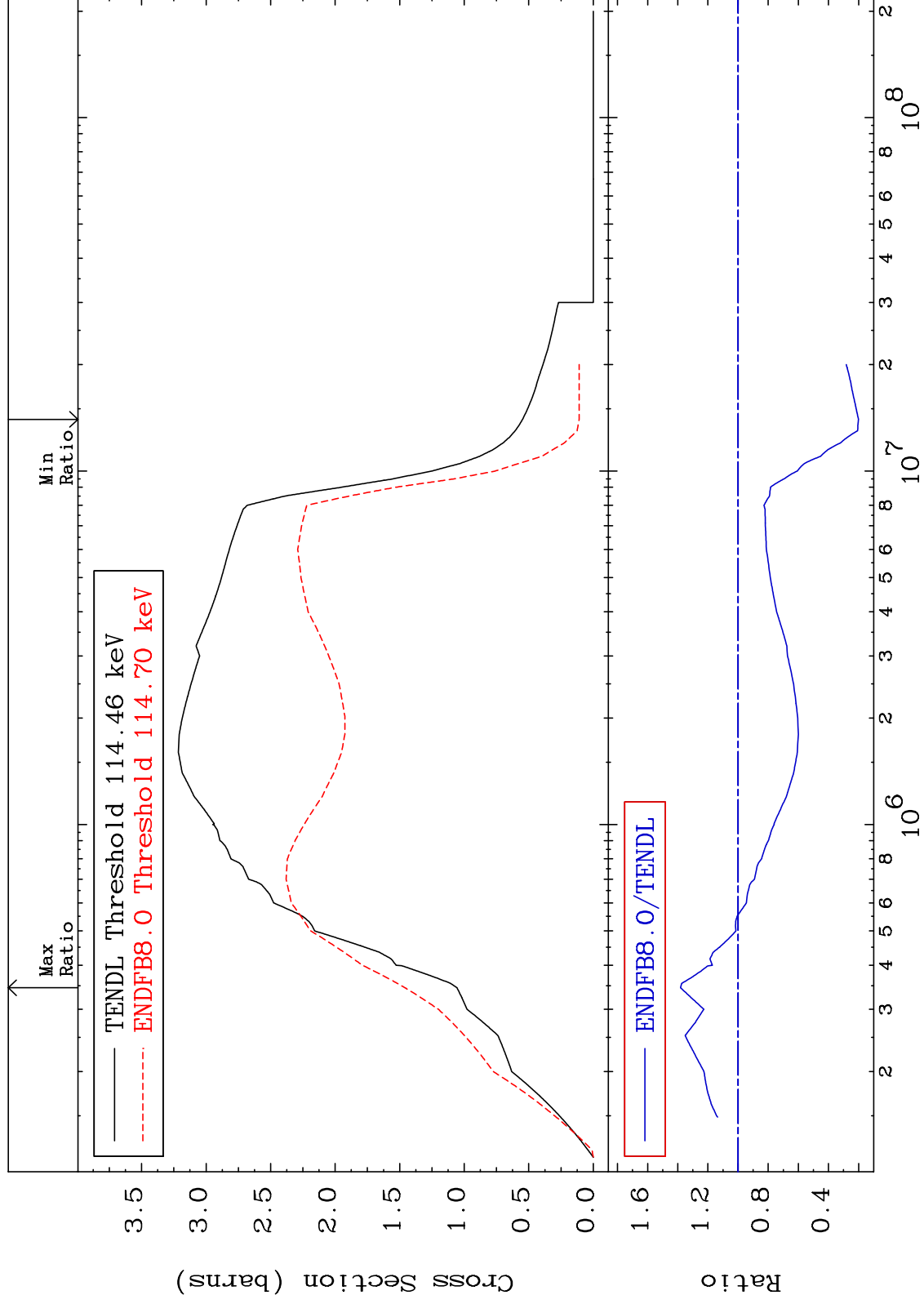
71-Lu-175  
-95.08 To 1357. %



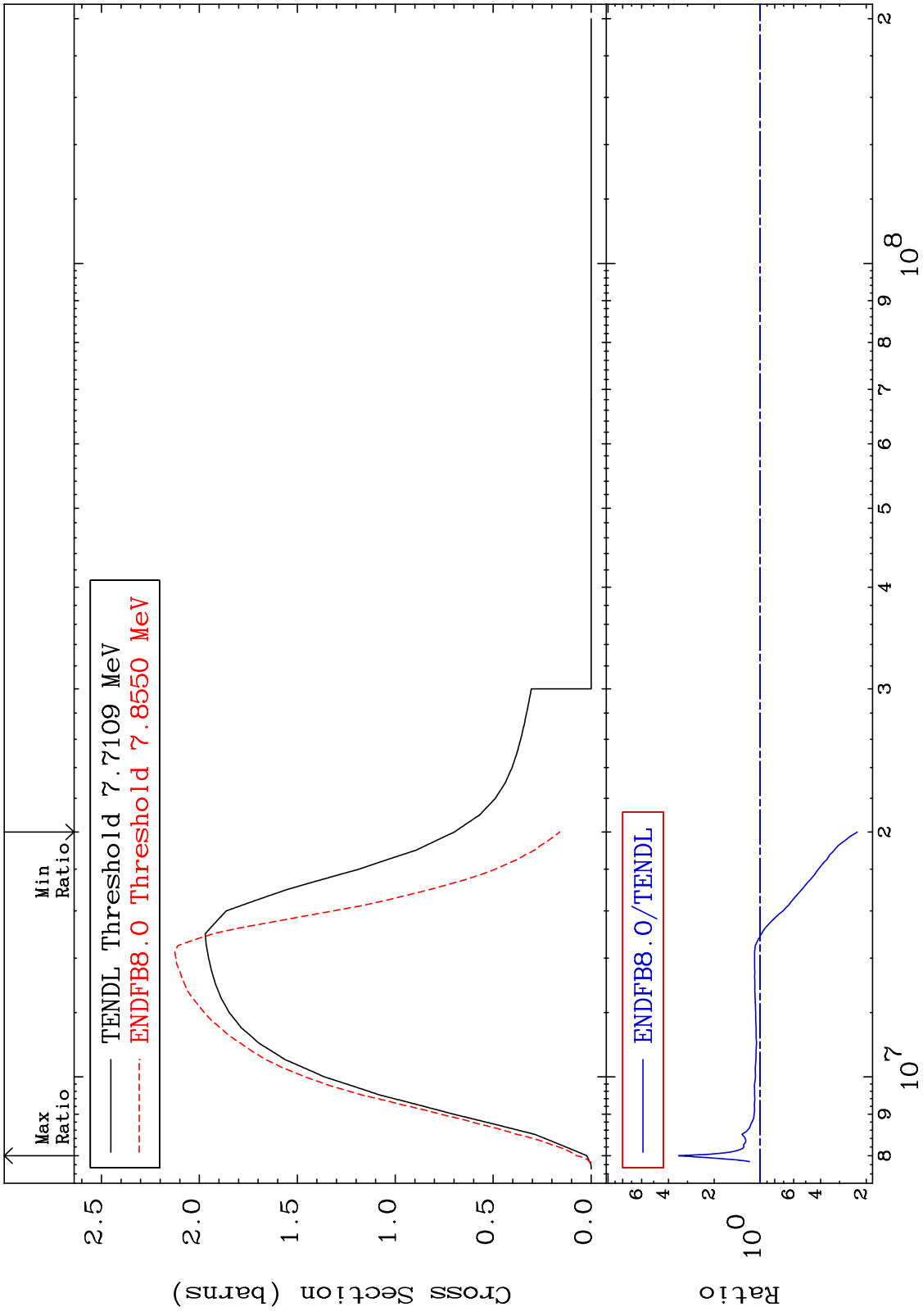
MAT 7125

Inelastic  
Cross Section

71-Lu-175  
-79.93 To 38.23 %



MAT 7125 (n,2n) 71-Lu-175  
Cross Section -77.09 To 243.1 %



4 Incident Energy (eV) 71-Lu-175

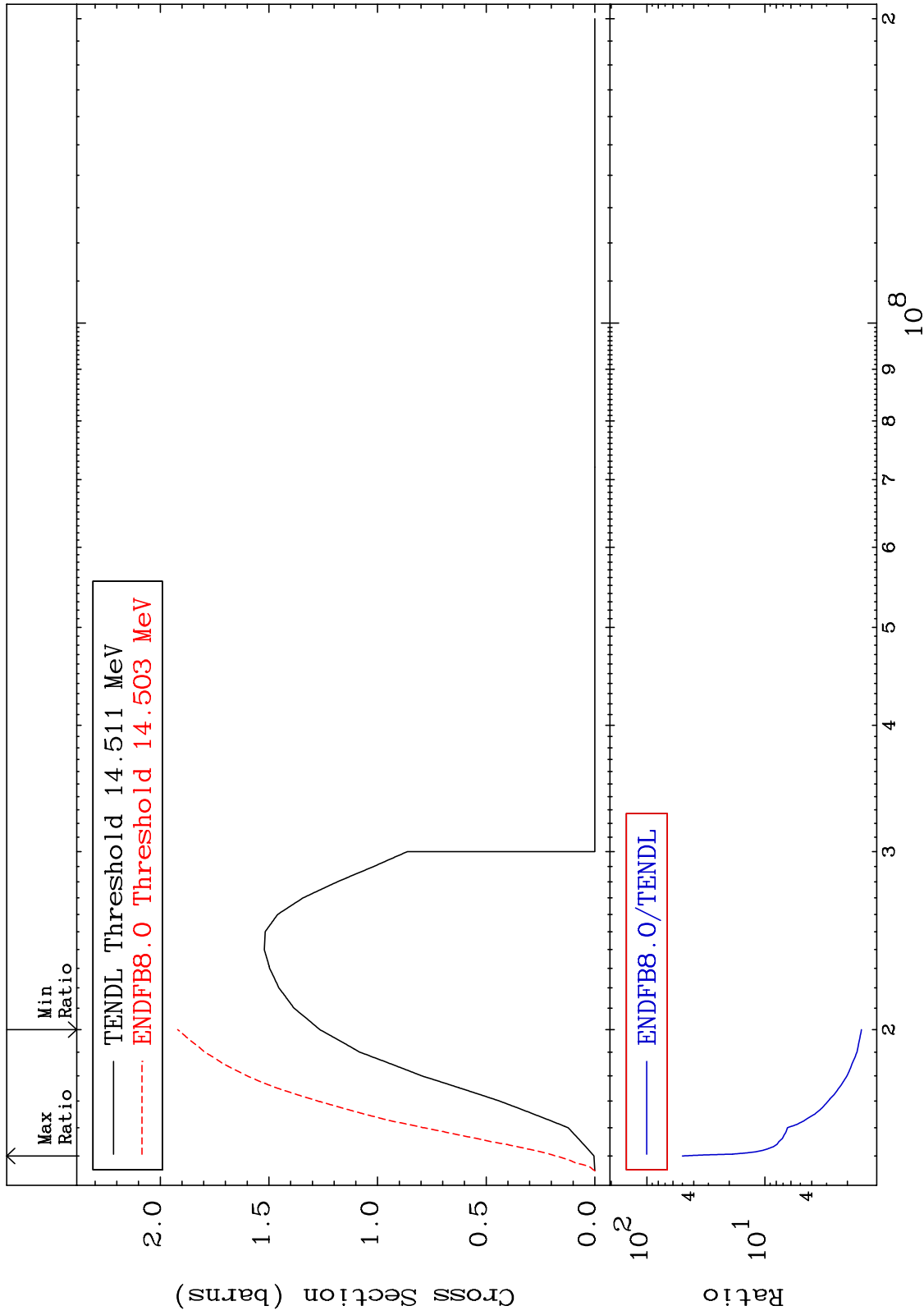
MAT 7125

(n, 3n)

<sup>71</sup>-Lu-175

Cross Section

51.73 To 4890. %

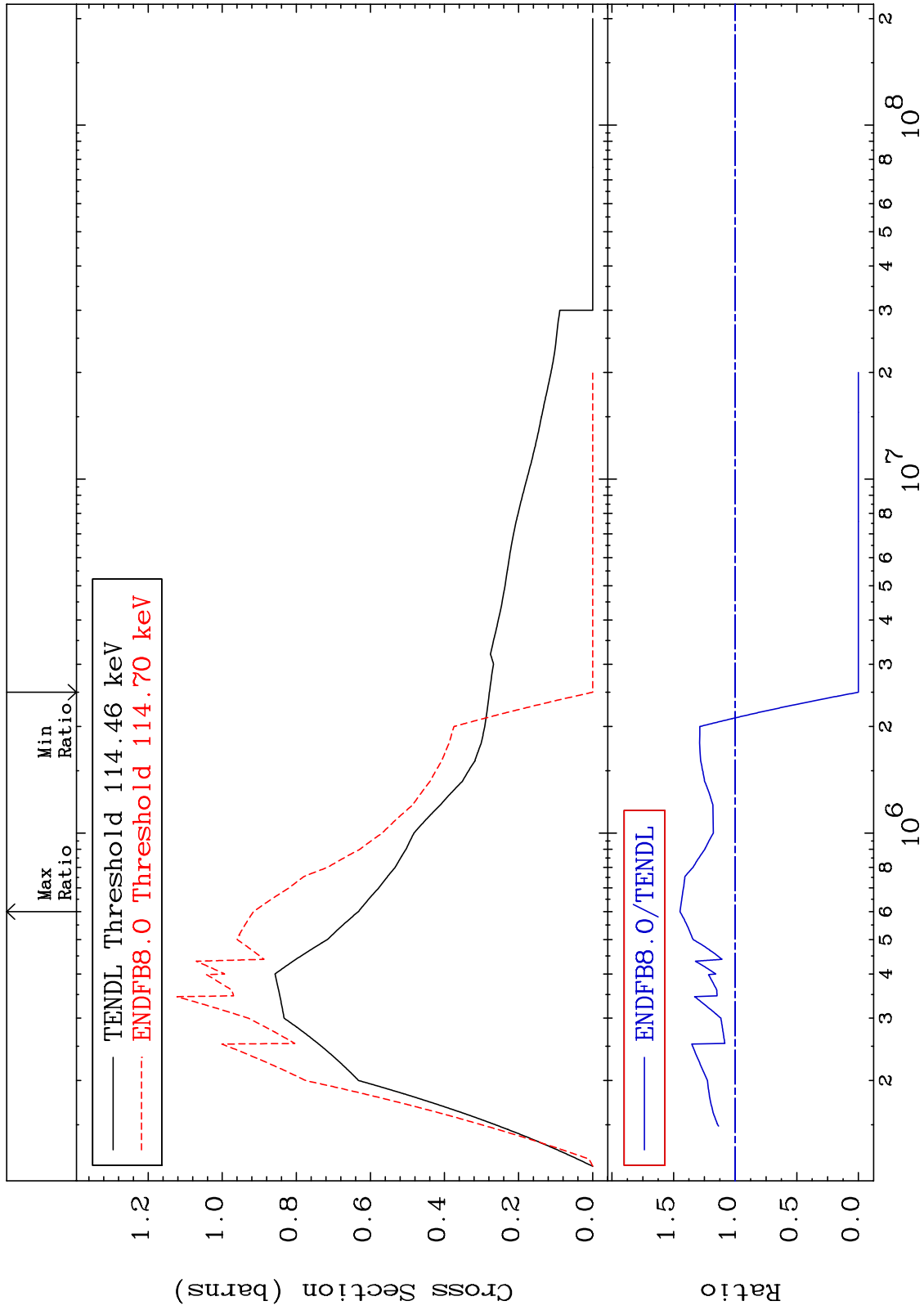


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Incident Energy (eV)

<sup>71</sup>-Lu-175

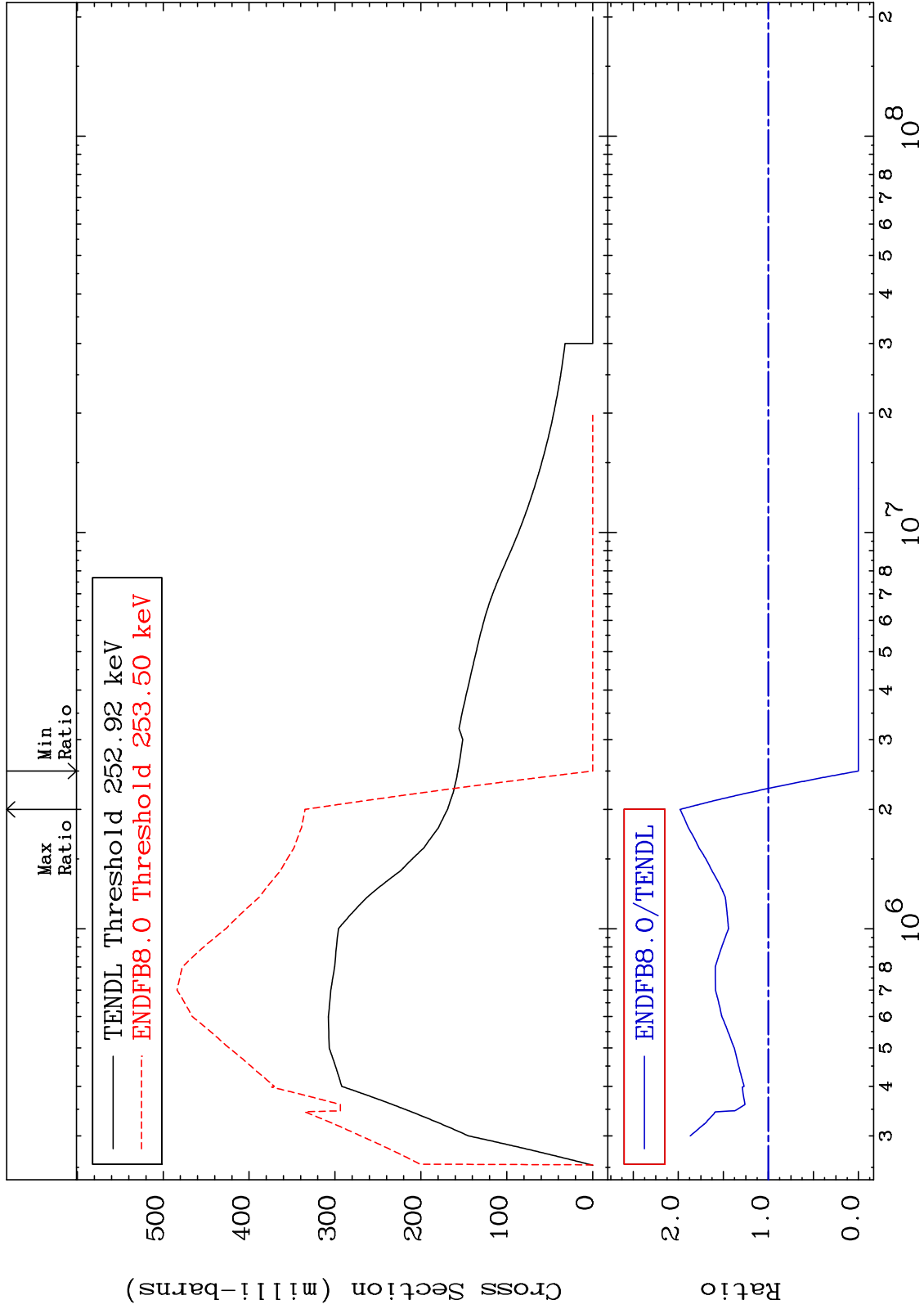
MAT 7125 MT= 51 (n,n') Level Cross Section 71-Lu-175 -100.0 To 44.79 %



MAT 7125

MT= 52 (n,n') Level  
Cross Section

71-Lu-175  
-100.0 To 98.07 %



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Incident Energy (eV)

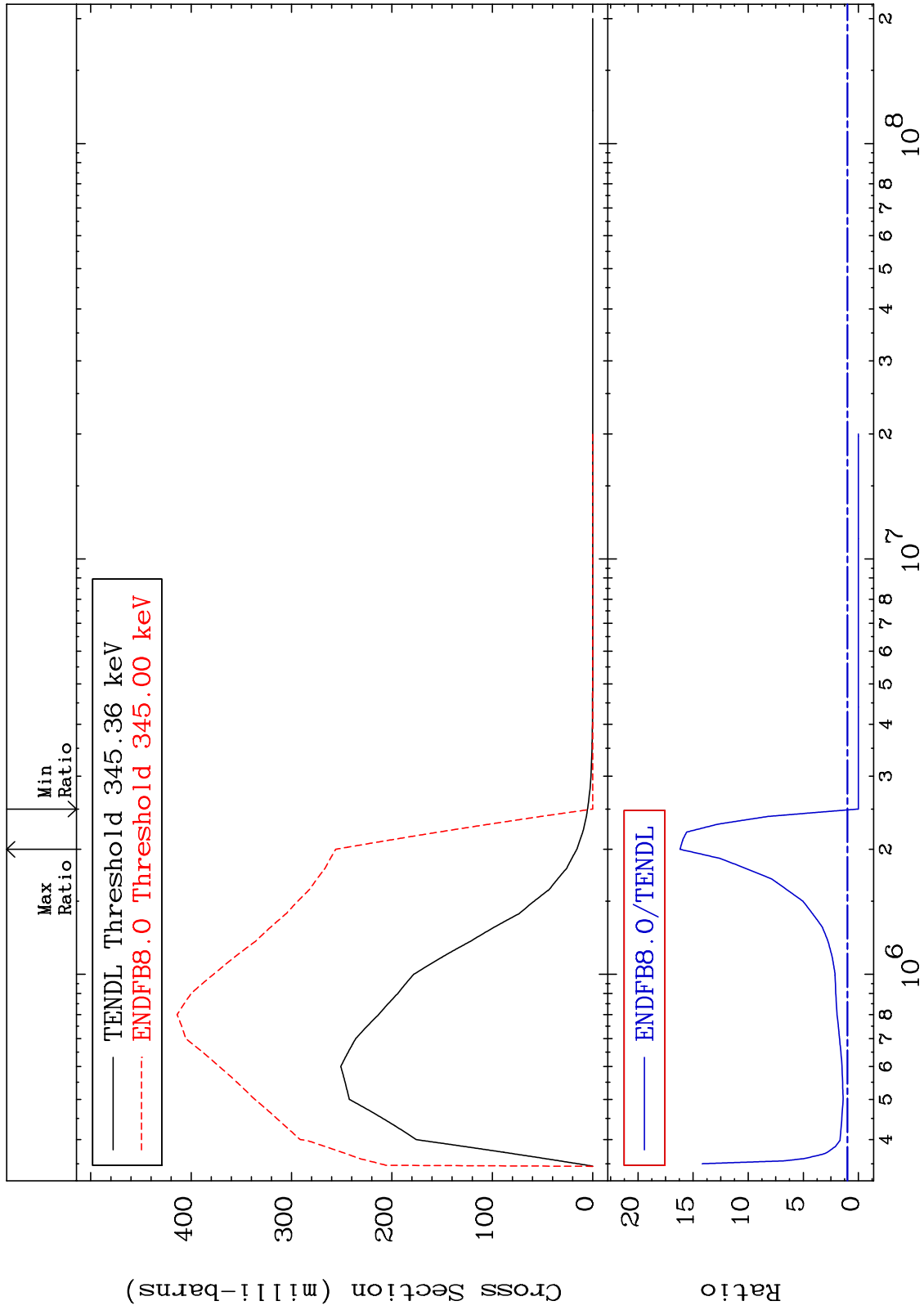
71-Lu-175



MAT 7125

MT= 53 (n,n') Level  
Cross Section

71-Lu-175  
-100.0 To 1519. %



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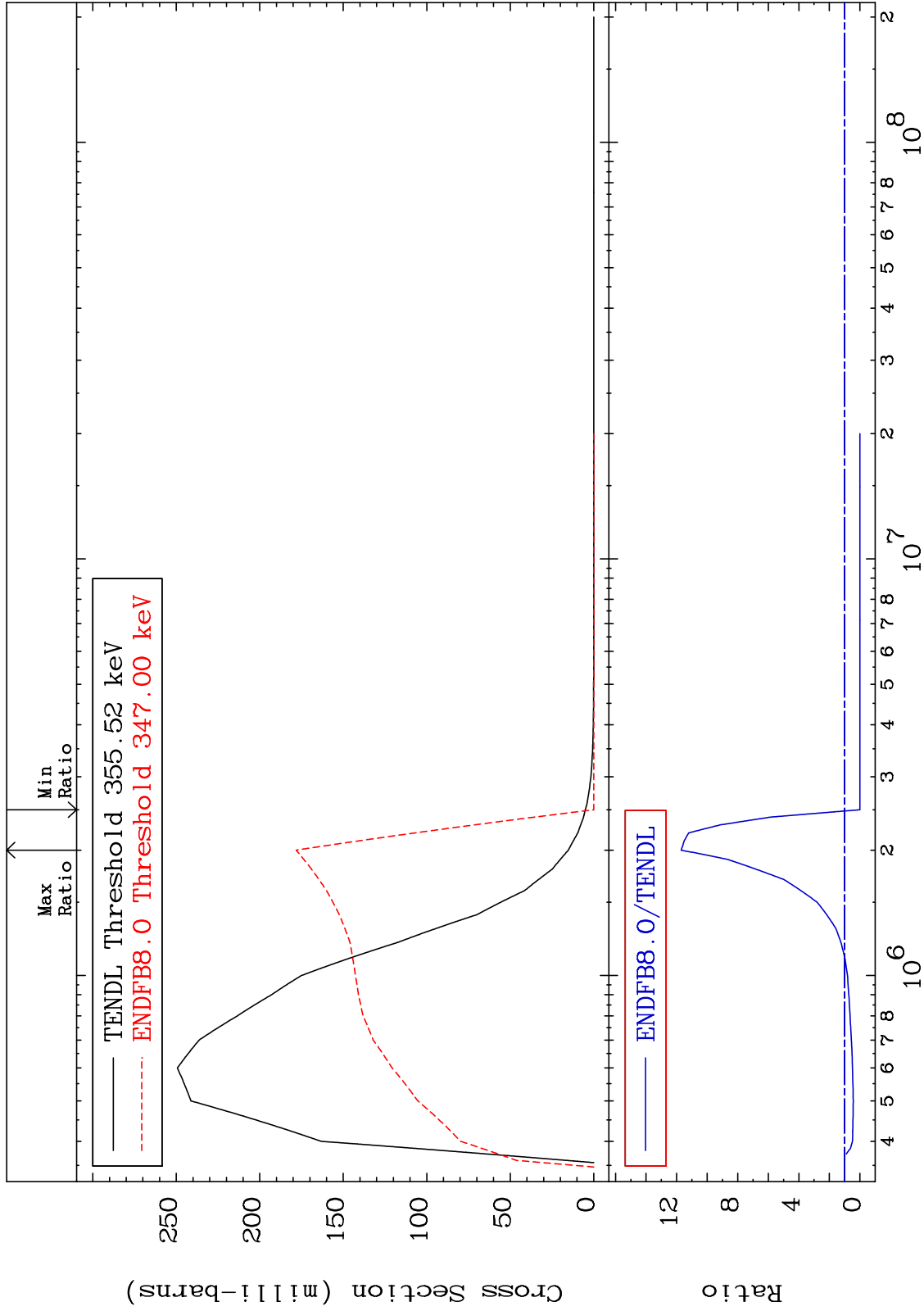
Incident Energy (eV)

71-Lu-175

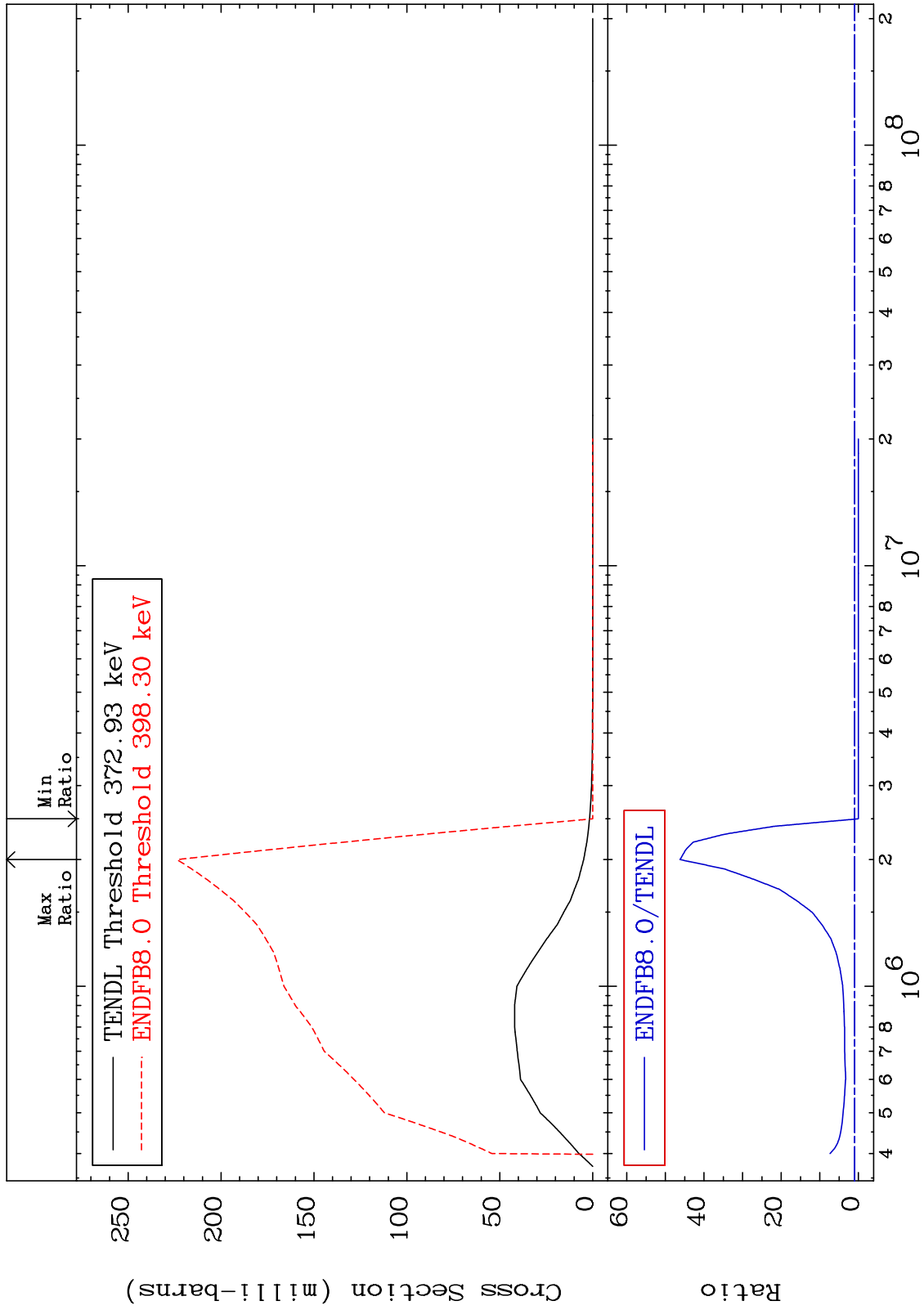
MAT 7125

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

71-Lu-175  
-100.0 To 1070. %



MAT 7125 MT= 55 (n,n') Level Cross Section 71-Lu-175 -100.0 To 4521. %

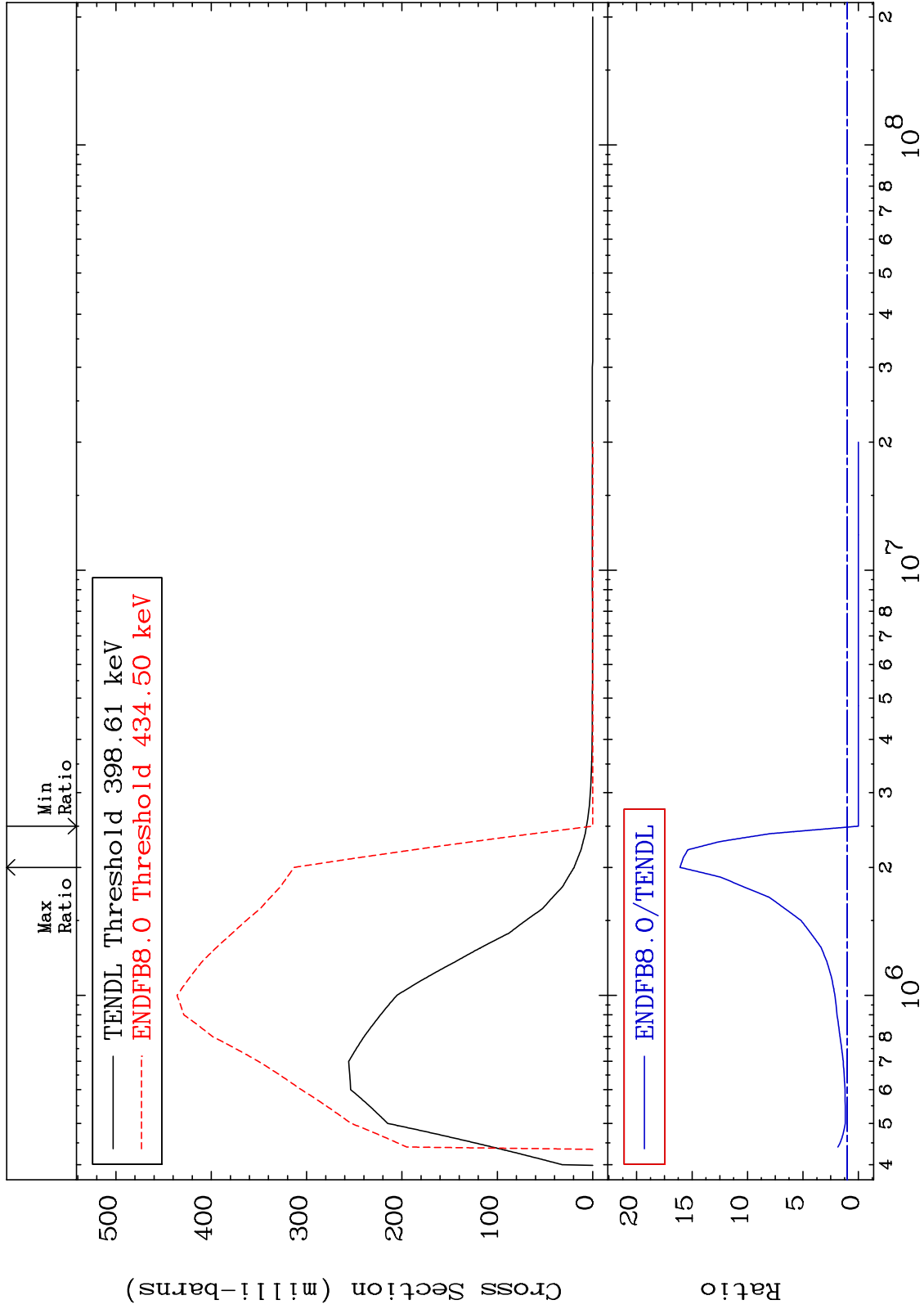


10 Incident Energy (eV) 71-Lu-175

MAT 7125

MT= 56 (n,n') Level  
Cross Section

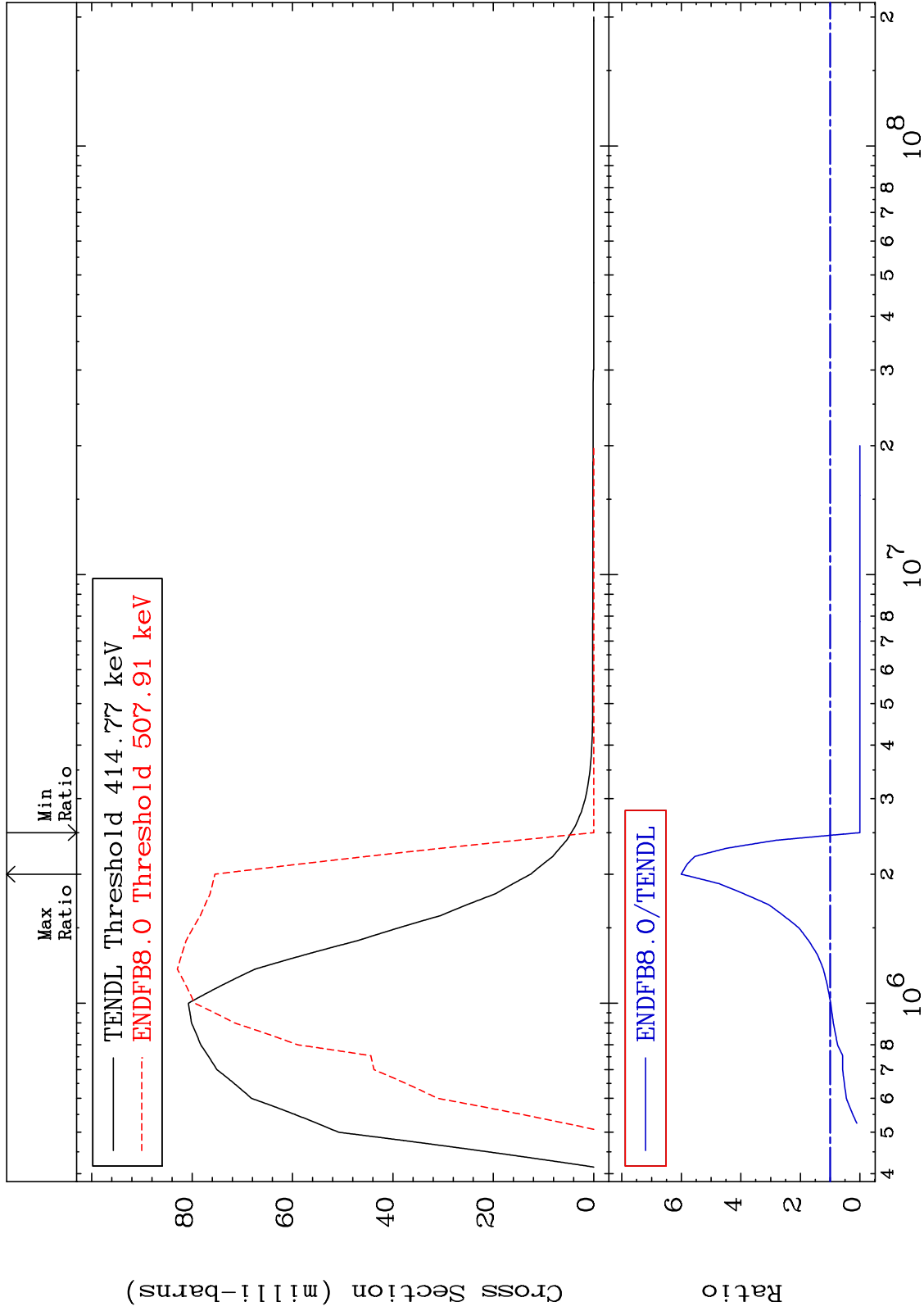
71-Lu-175  
-100.0 To 1509. %



MAT 7125

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

71-Lu-175  
-100.0 To 500.4 %



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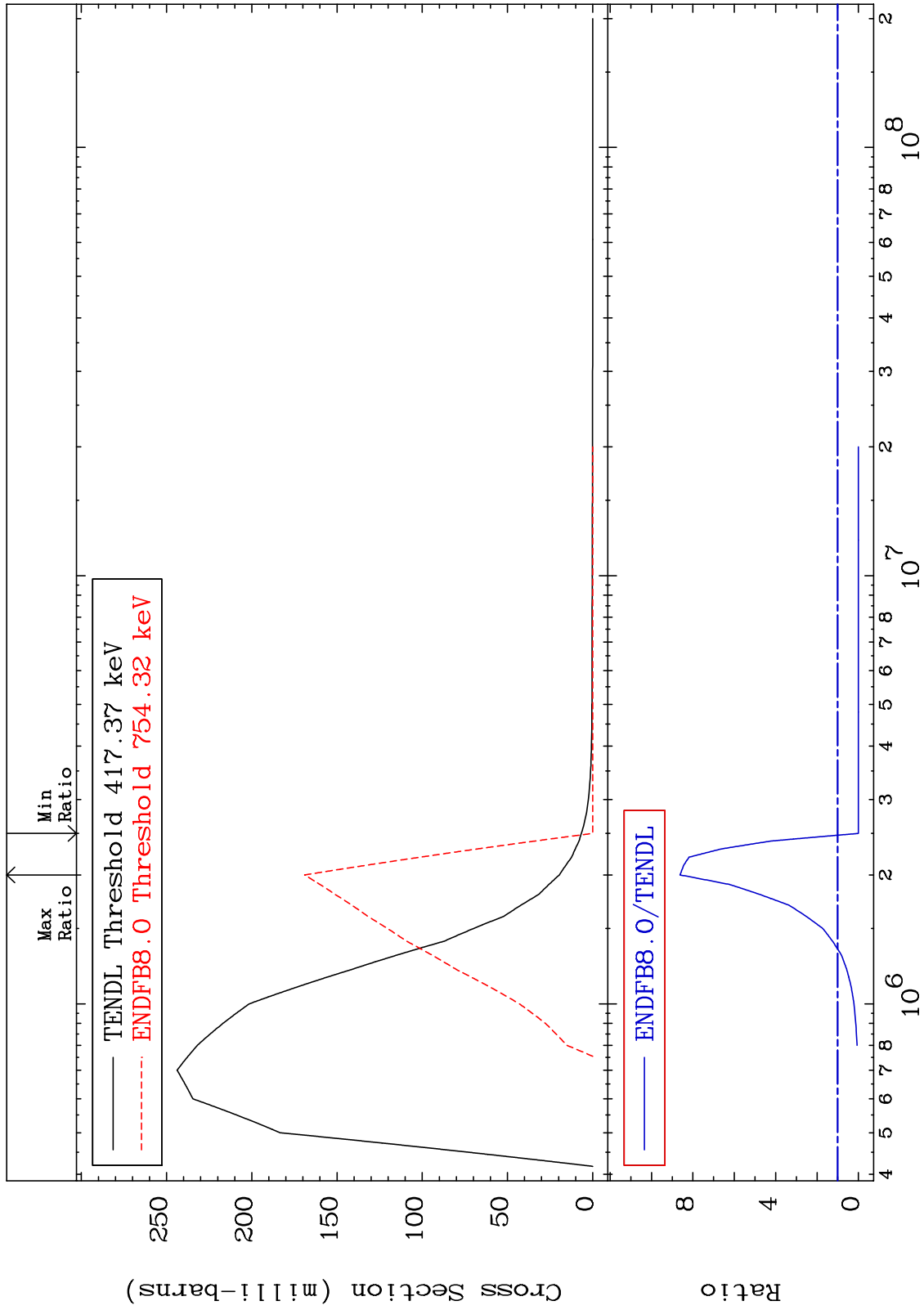
71-Lu-175

71-Lu-175

MAT 7125

MT= 58 (n,n') Level  
Cross Section

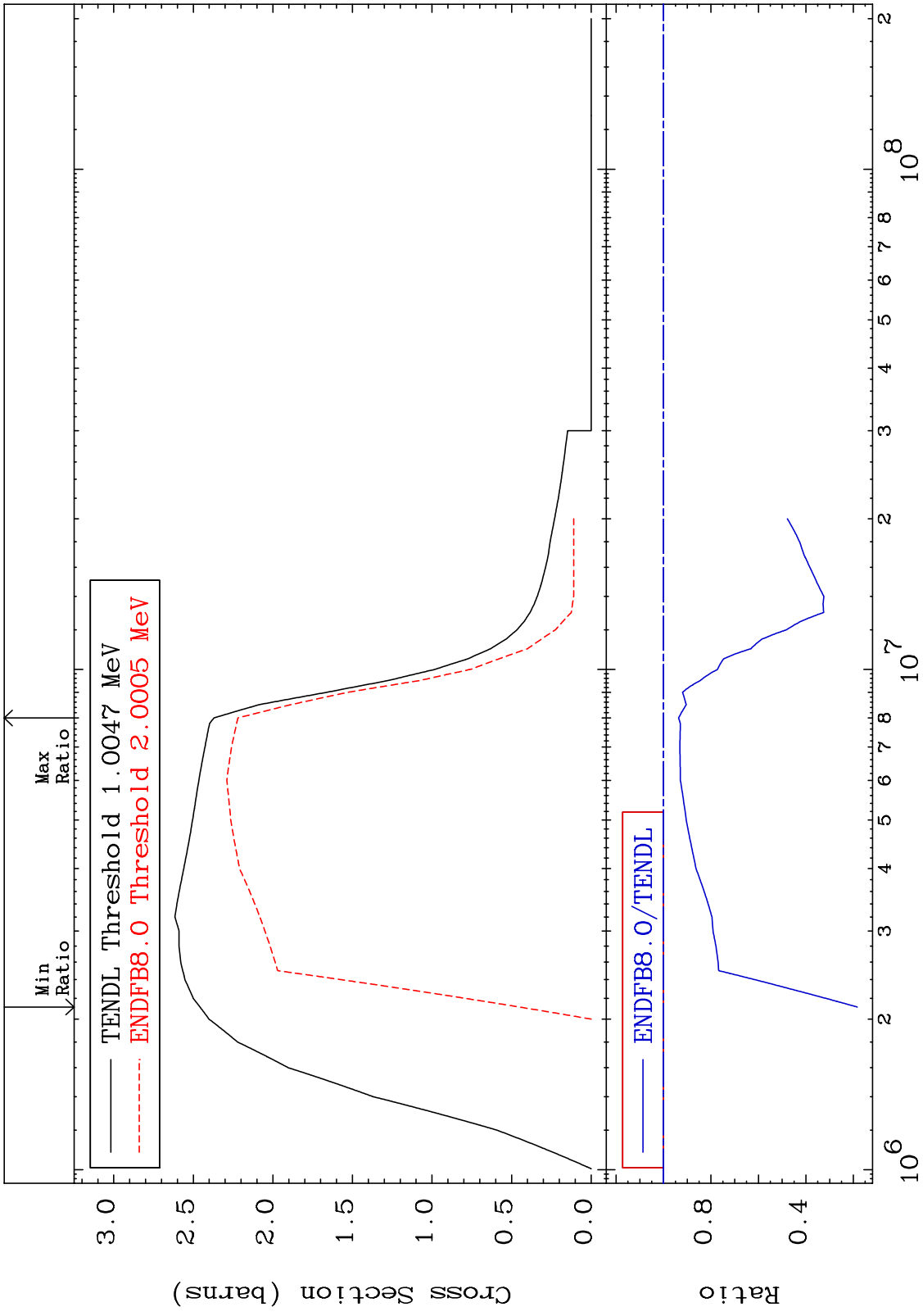
71-Lu-175  
-100.0 To 762.3 %



MAT 7125

(n, n') Continuum  
Cross Section

<sup>71</sup>-Lu-175  
-81.67 To -6.361%



Incident Energy (eV)

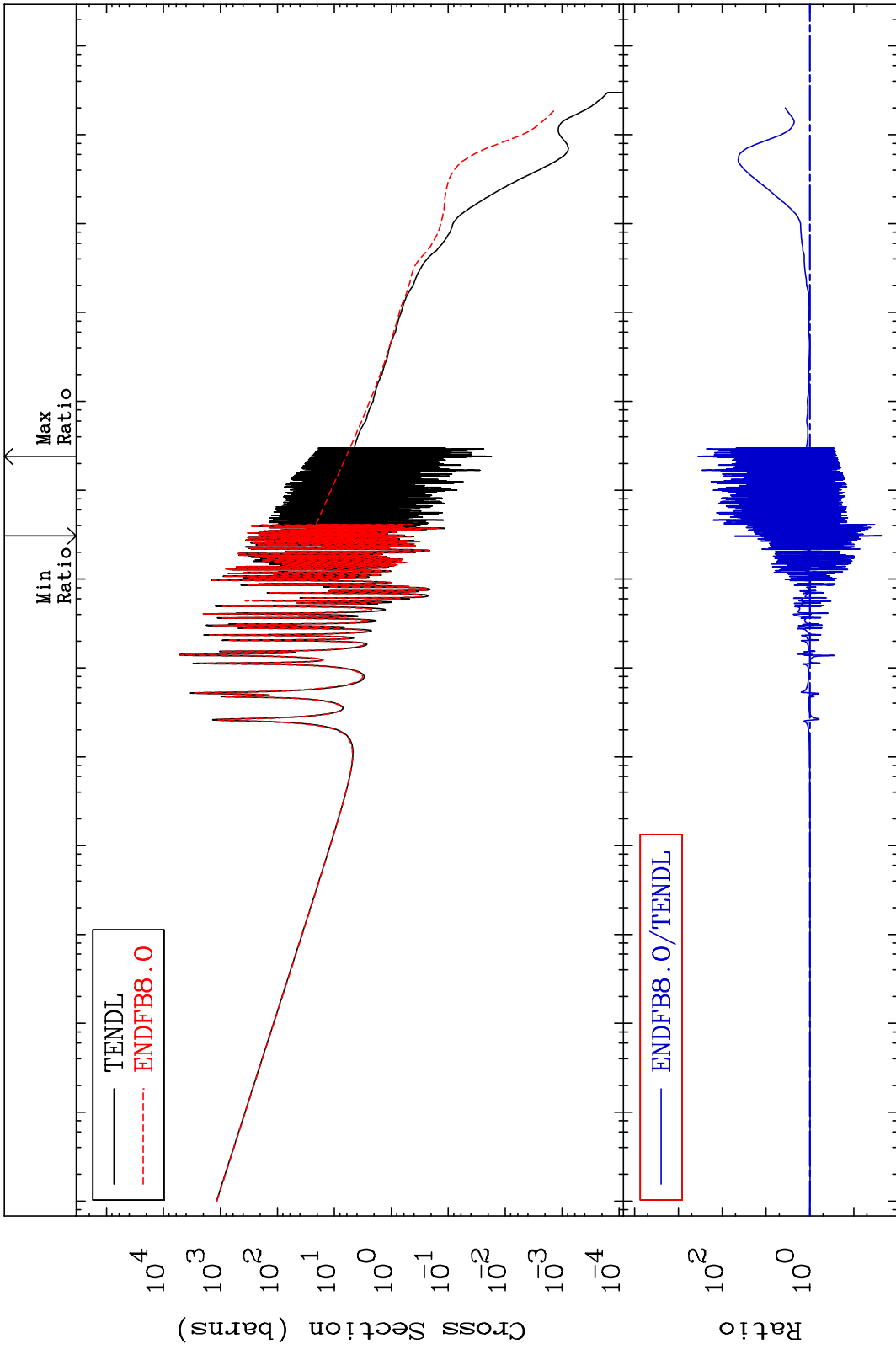
<sup>71</sup>-Lu-175

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MAT 7125

(n,  $\gamma$ )  
Cross Section

71-Lu-175  
-97.68 To 9999. %



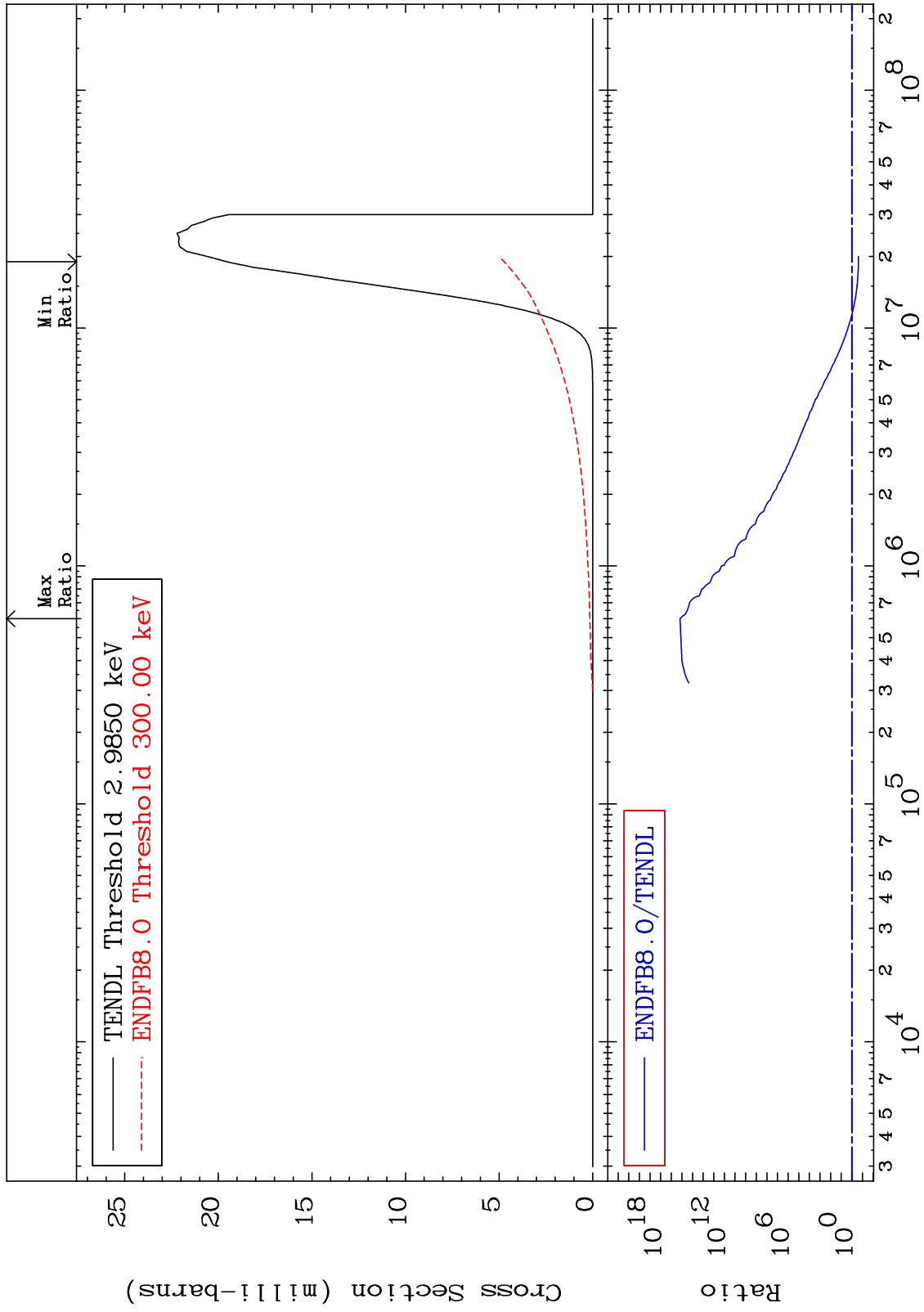
Incident Energy (eV)  
71-Lu-175  
15



MAT 7125

(n, p)  
Cross Section

71-Lu-175  
-75.80 To 9999. %

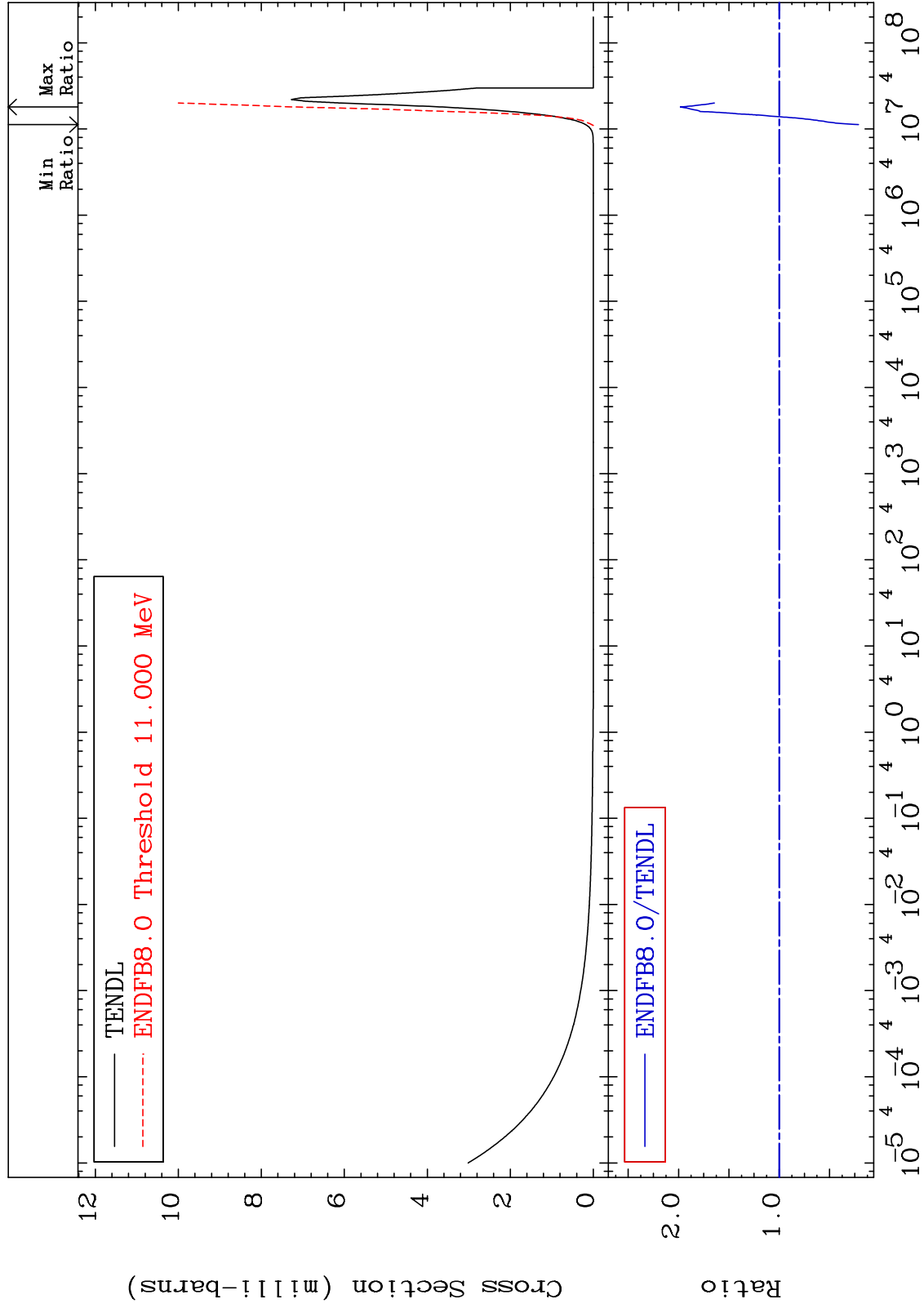


MAT 7125

(n,  $\alpha$ )

Cross Section

71-Lu-175  
-78.75 To 98.11 %



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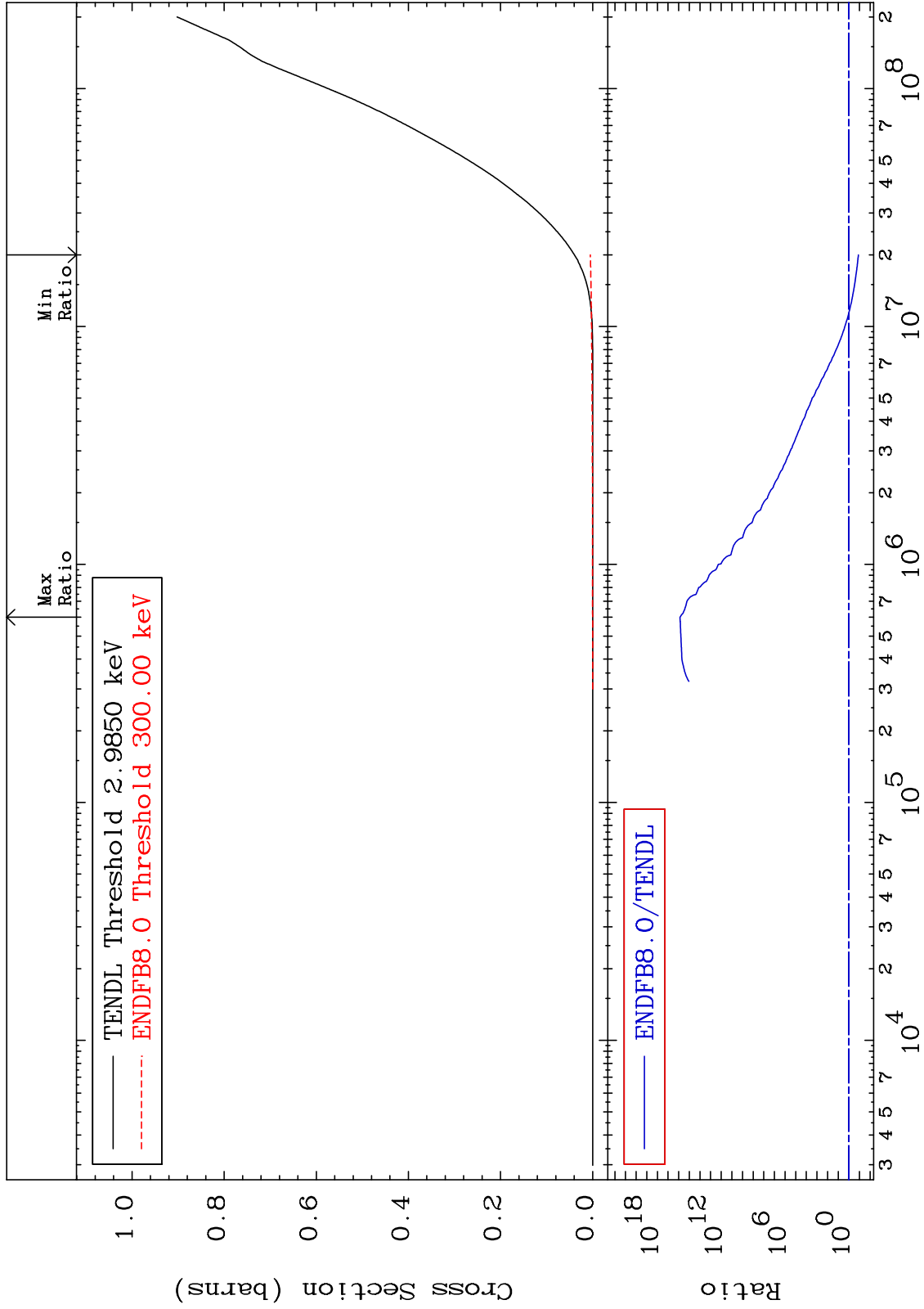
Incident Energy (eV)

71-Lu-175

MAT 7125

Hydrogen Production  
Cross Section

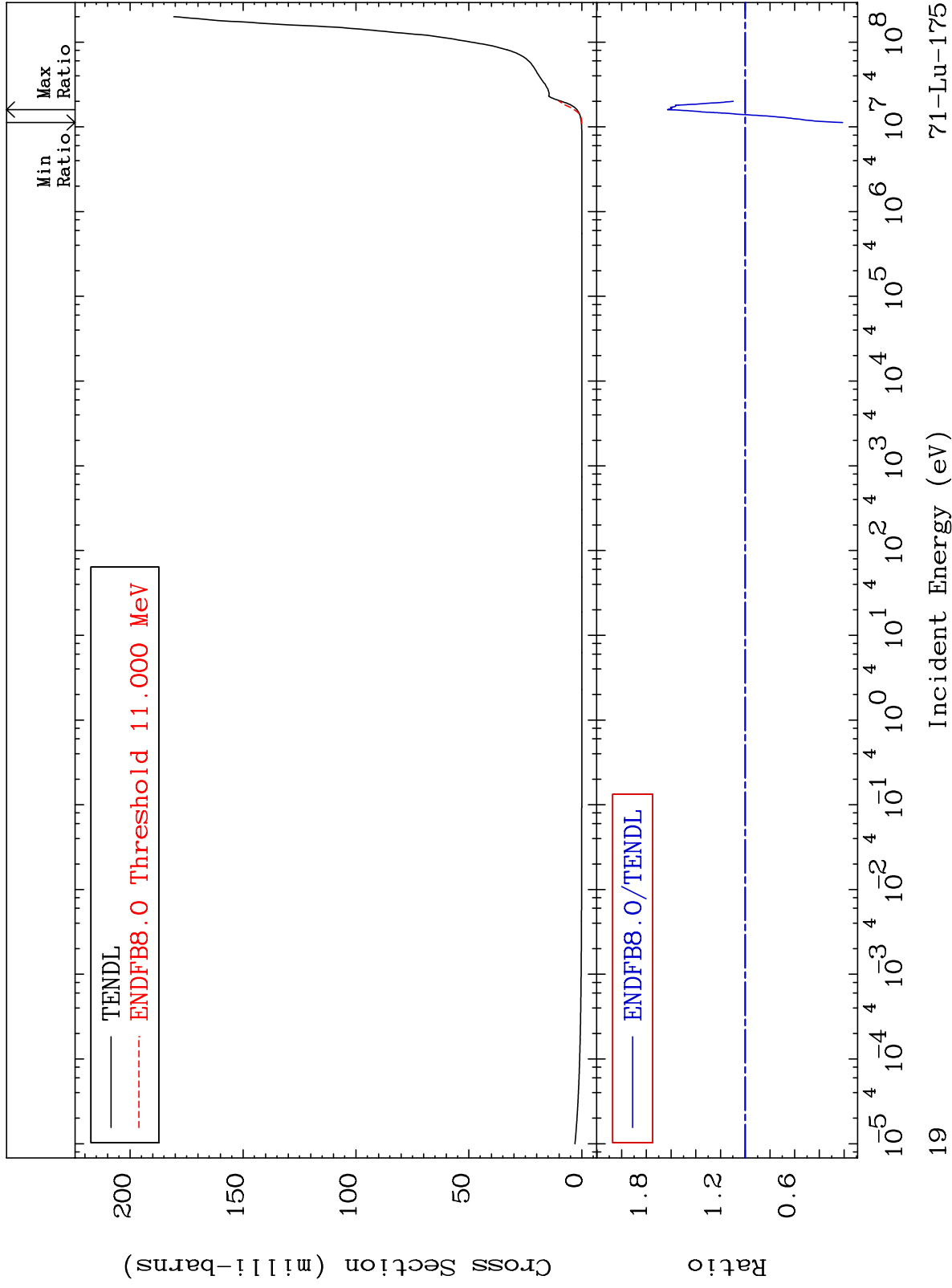
71-Lu-175  
-87.43 To 9999. %

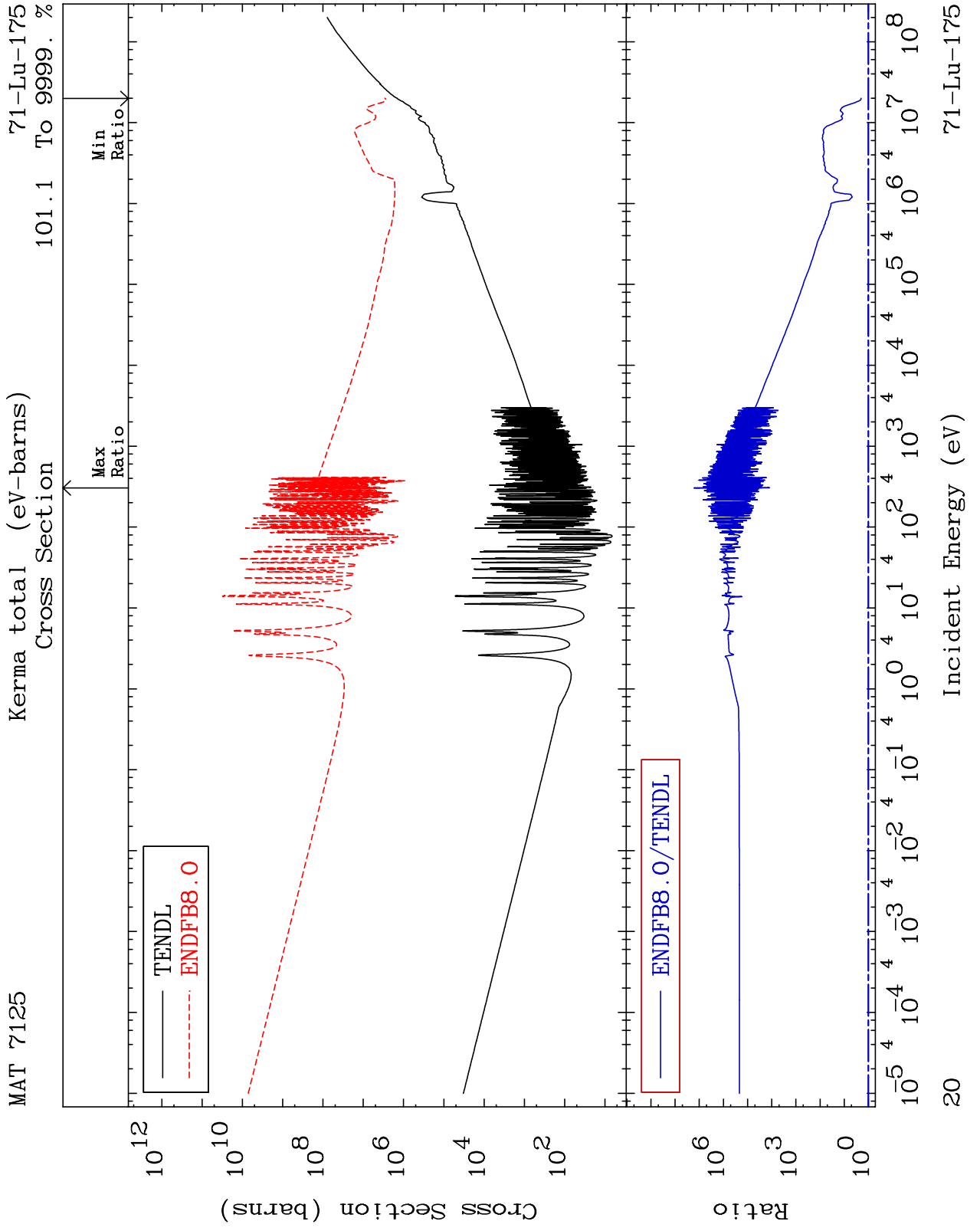


MAT 7125

He-4 Production  
Cross Section

71-Lu-175  
-78.84 To 62.88 %

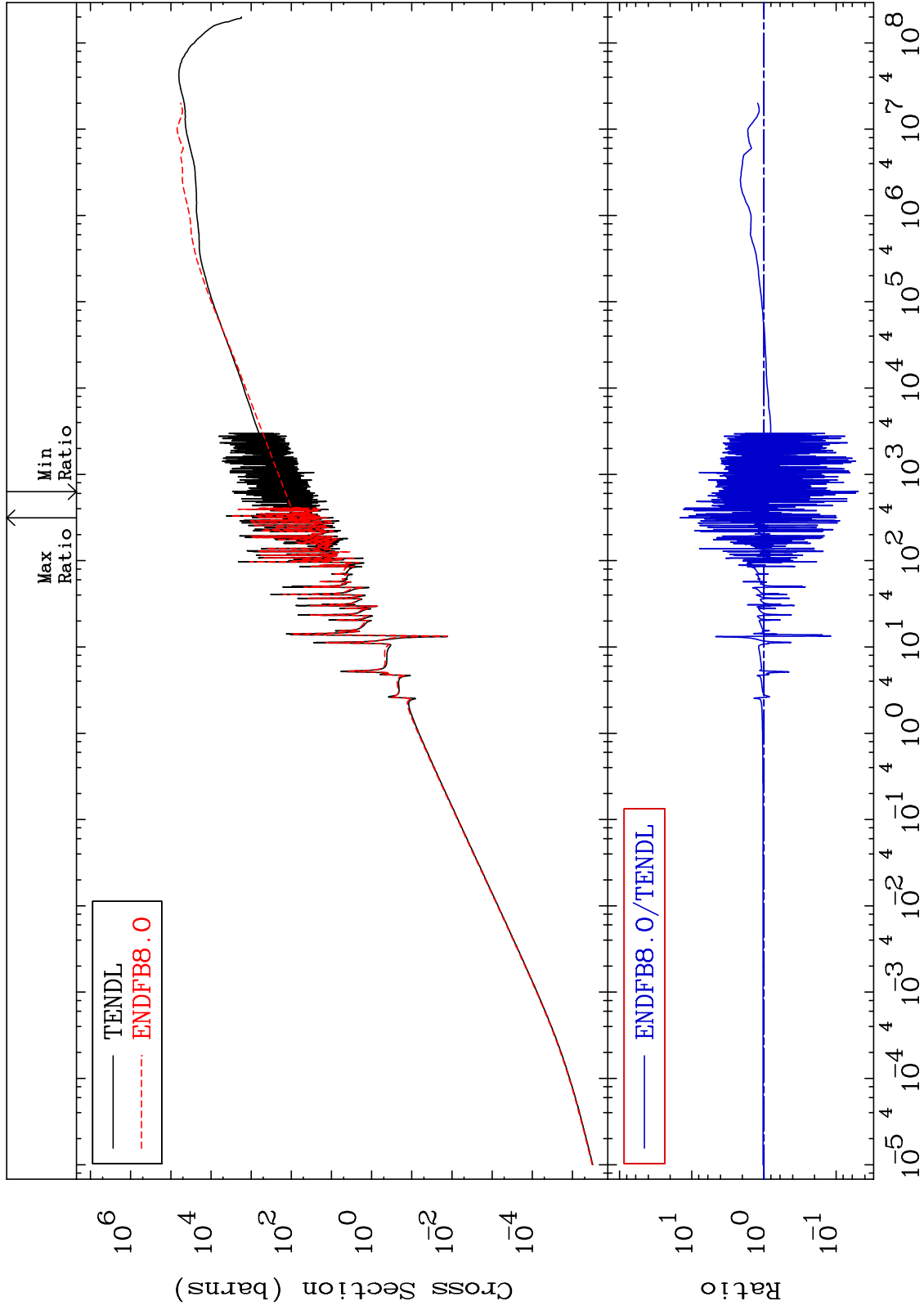




MAT 7125

Kerma elastic  
Cross Section

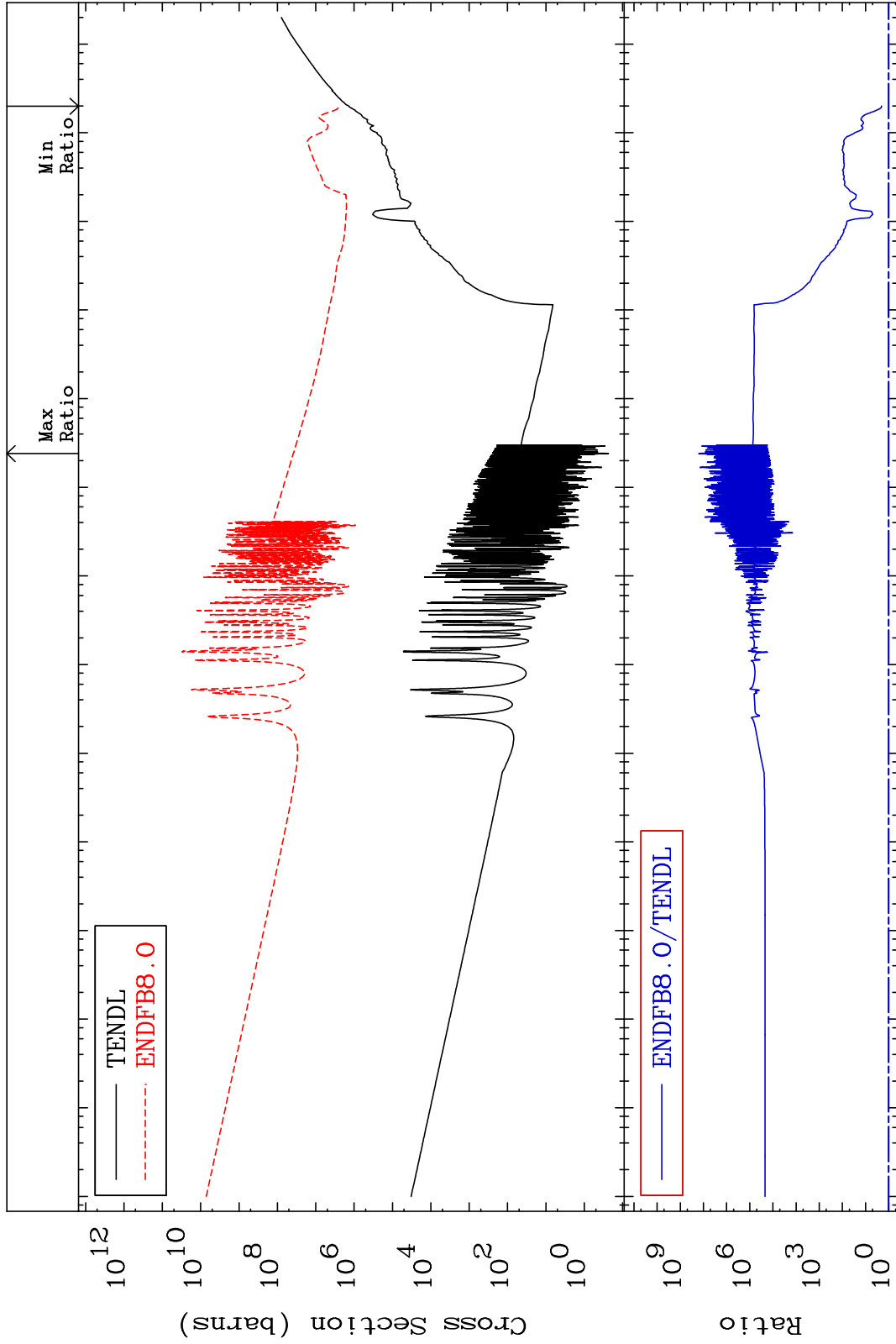
71-Lu-175  
-95.08 To 1357. %



MAT 7125

Kerma non-elastic (all but mt2)  
Cross Section

71-Lu-175  
103.7 To 9999. %



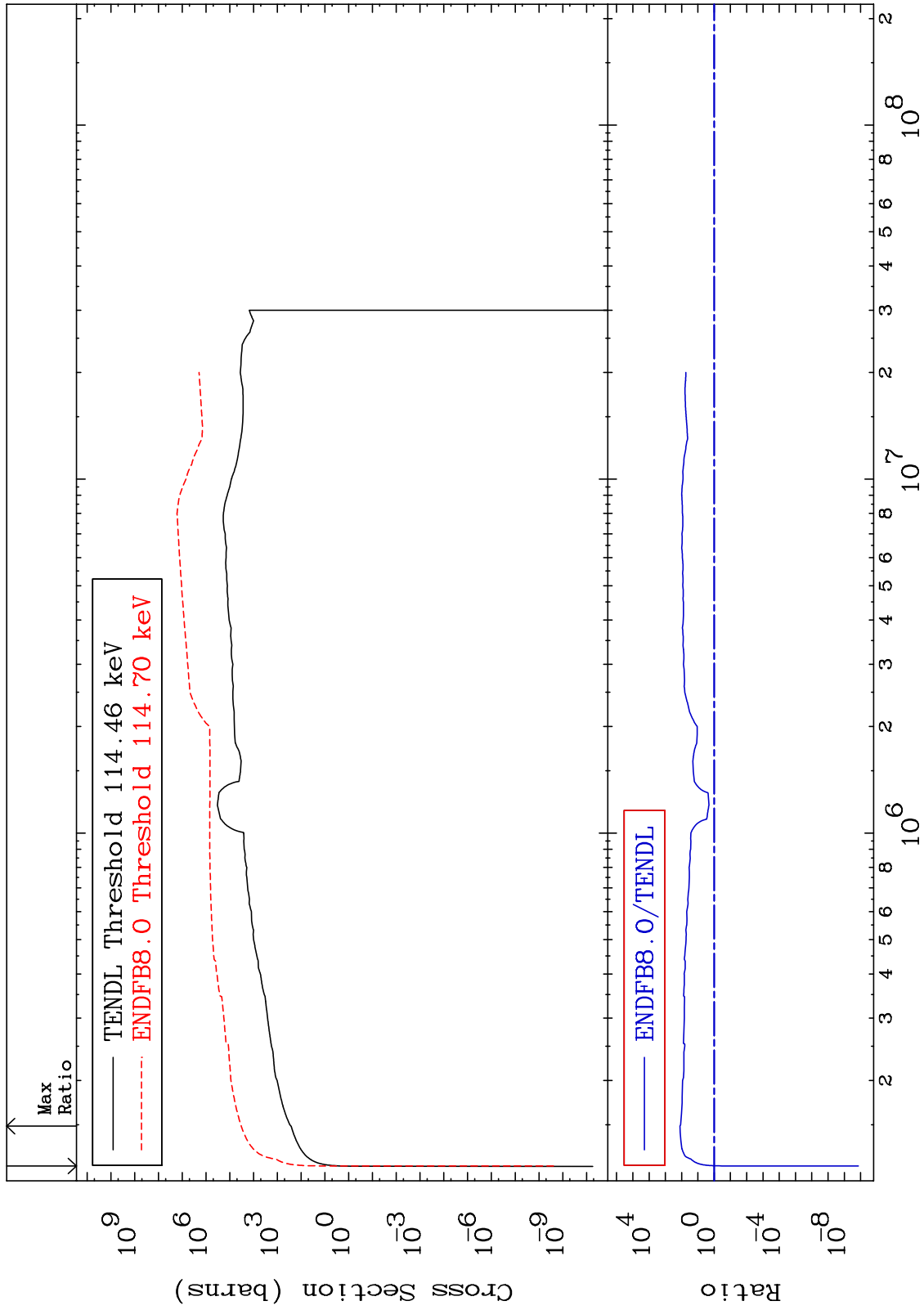
71-Lu-175

Incident Energy (eV)

MAT 7125

Kerma inelastic (mt51-91)  
Cross Section

71-Lu-175  
-100.0 To 9999. %

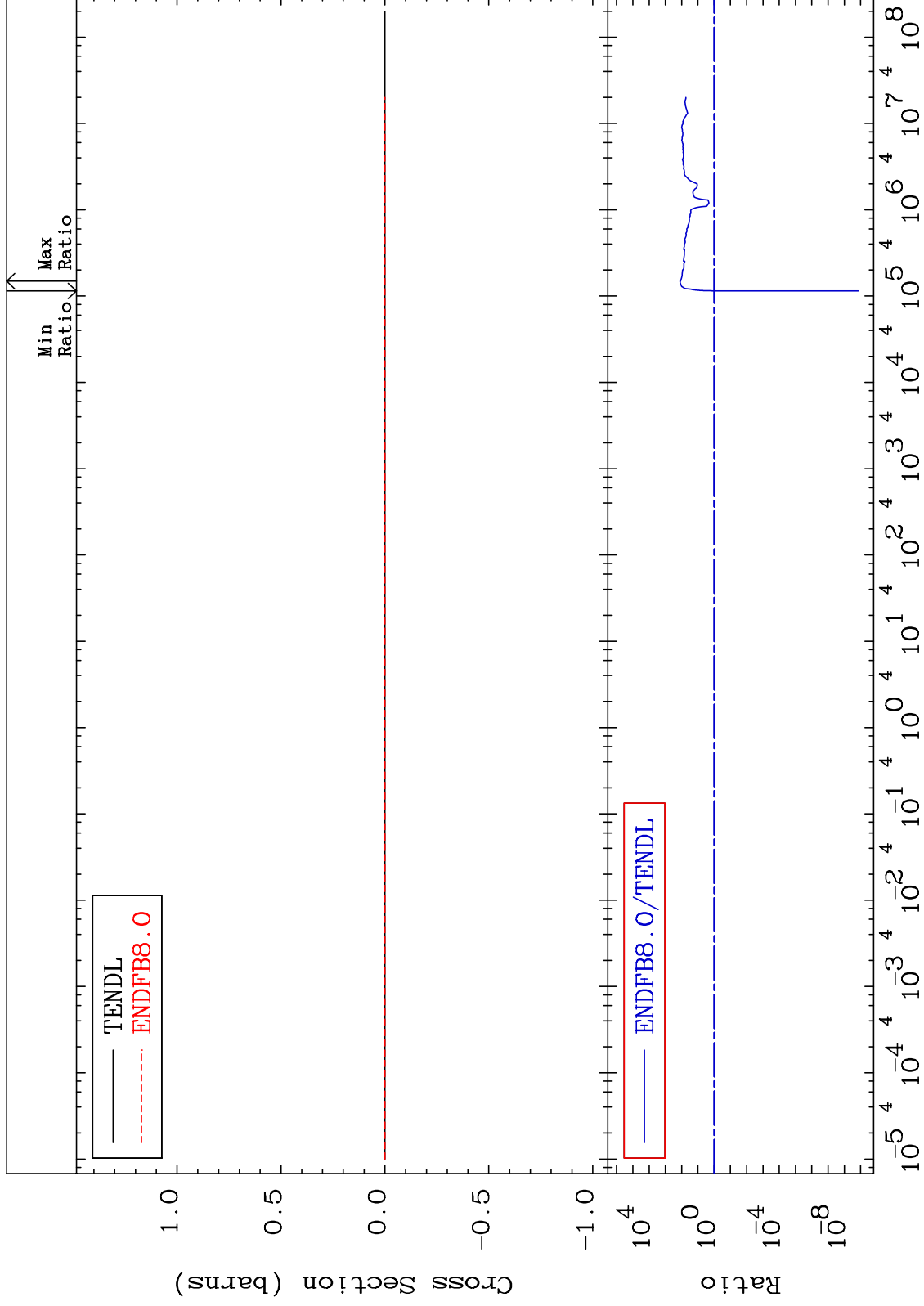




MAT 7125

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

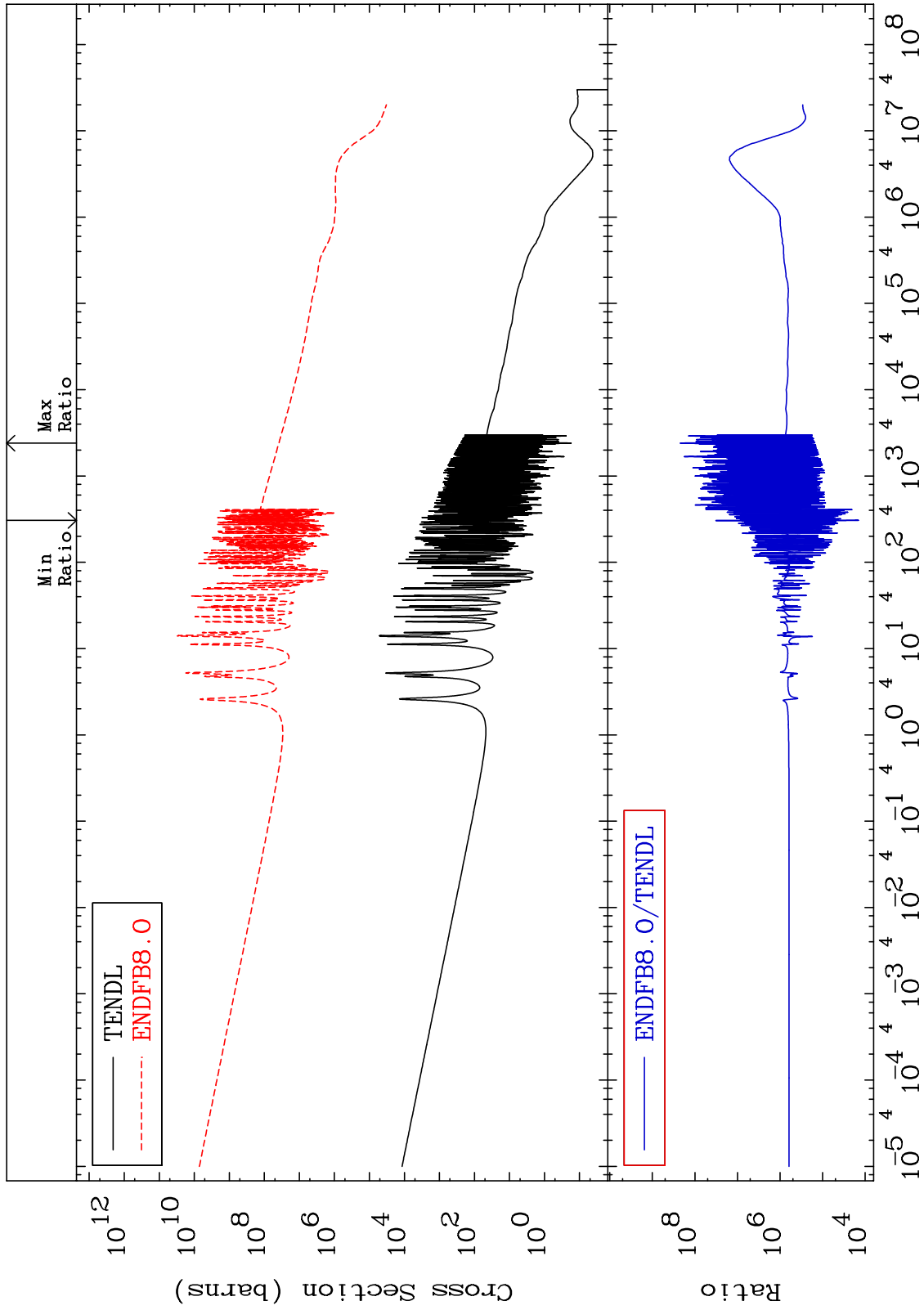
71-Lu-175  
-100.0 To 9999. %



MAT 7125

Kerma capture (mt102)  
Cross Section

71-Lu-175  
9999. To 9999. %



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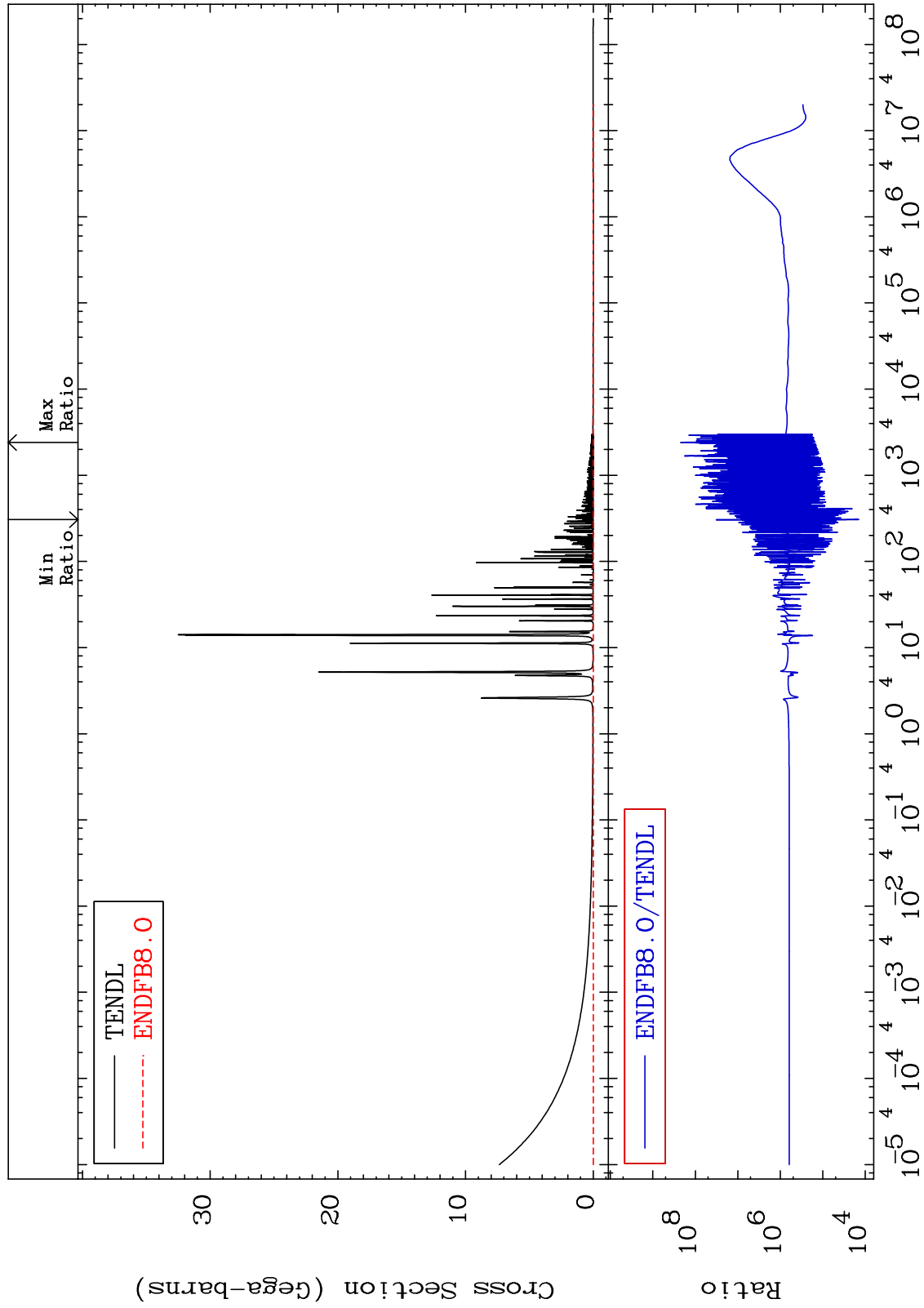
Incident Energy (eV)

71-Lu-175

MAT 7125

Total photon (eV-barns)  
Cross Section

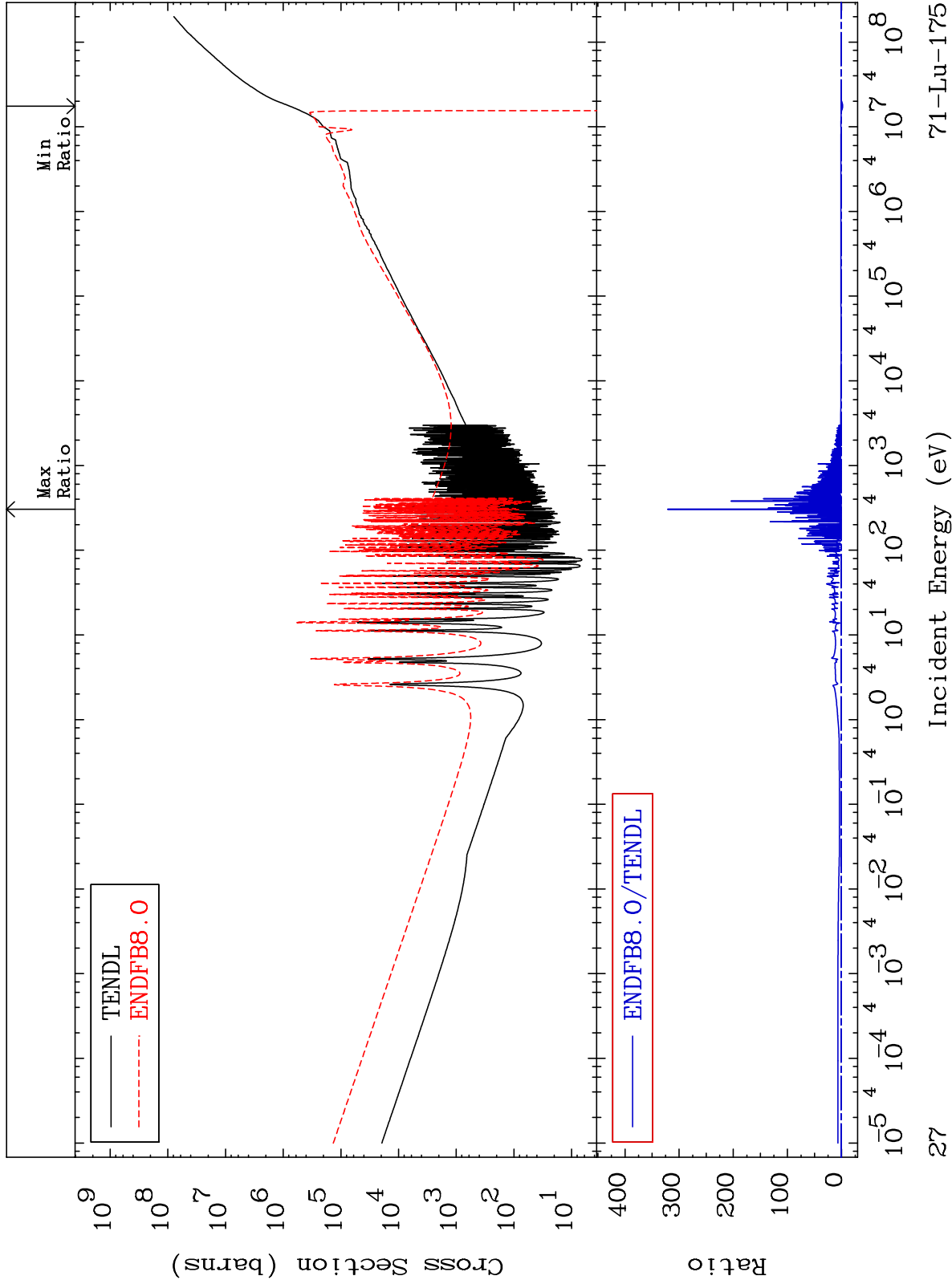
71-Lu-175  
9999. To 9999. %



MAT 7125

Total kinematic kerma (high limit)  
Cross Section

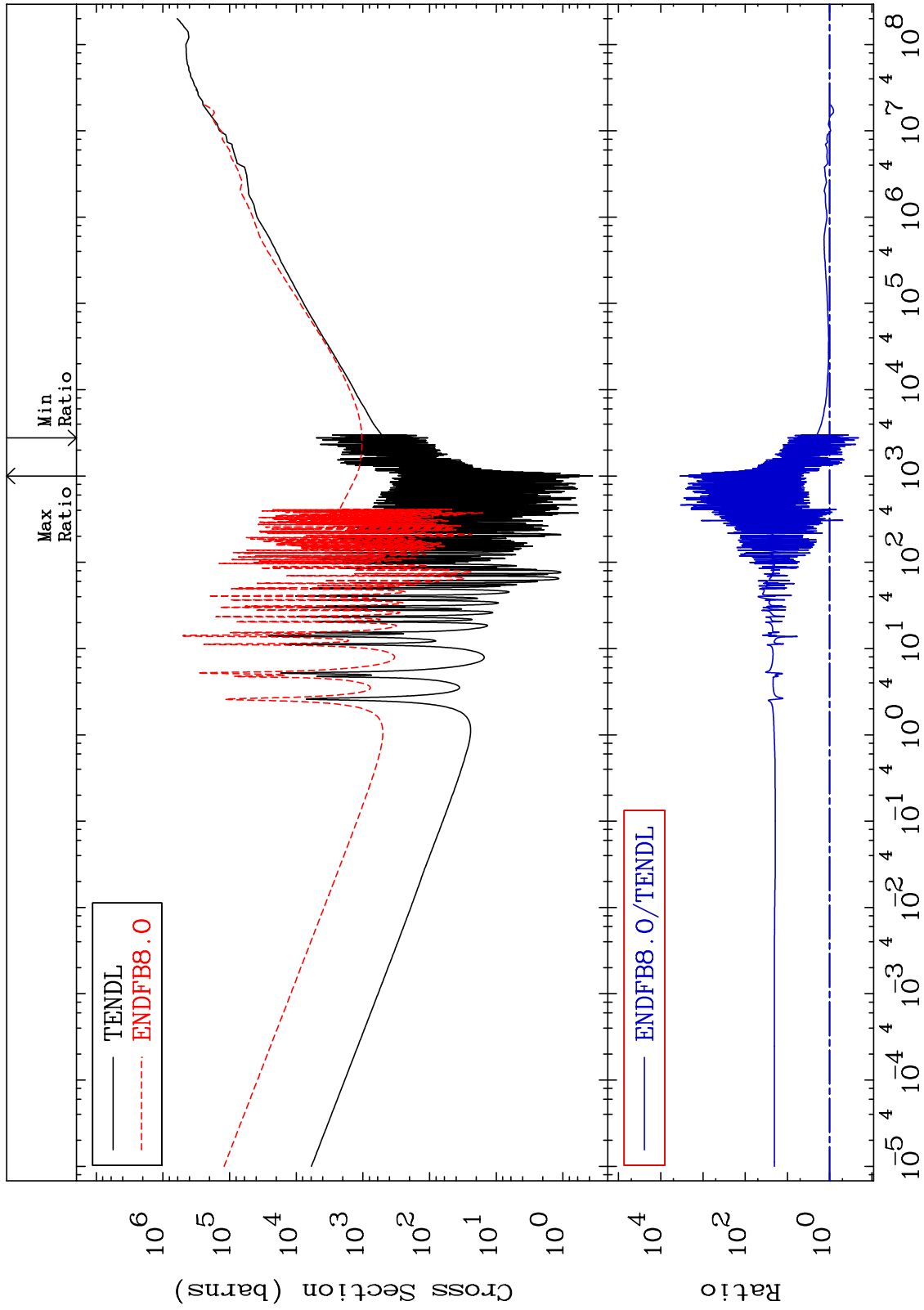
71-Lu-175  
-295.1 To 9999. %



MAT 7125

Dpa total (eV-barns)  
Cross Section

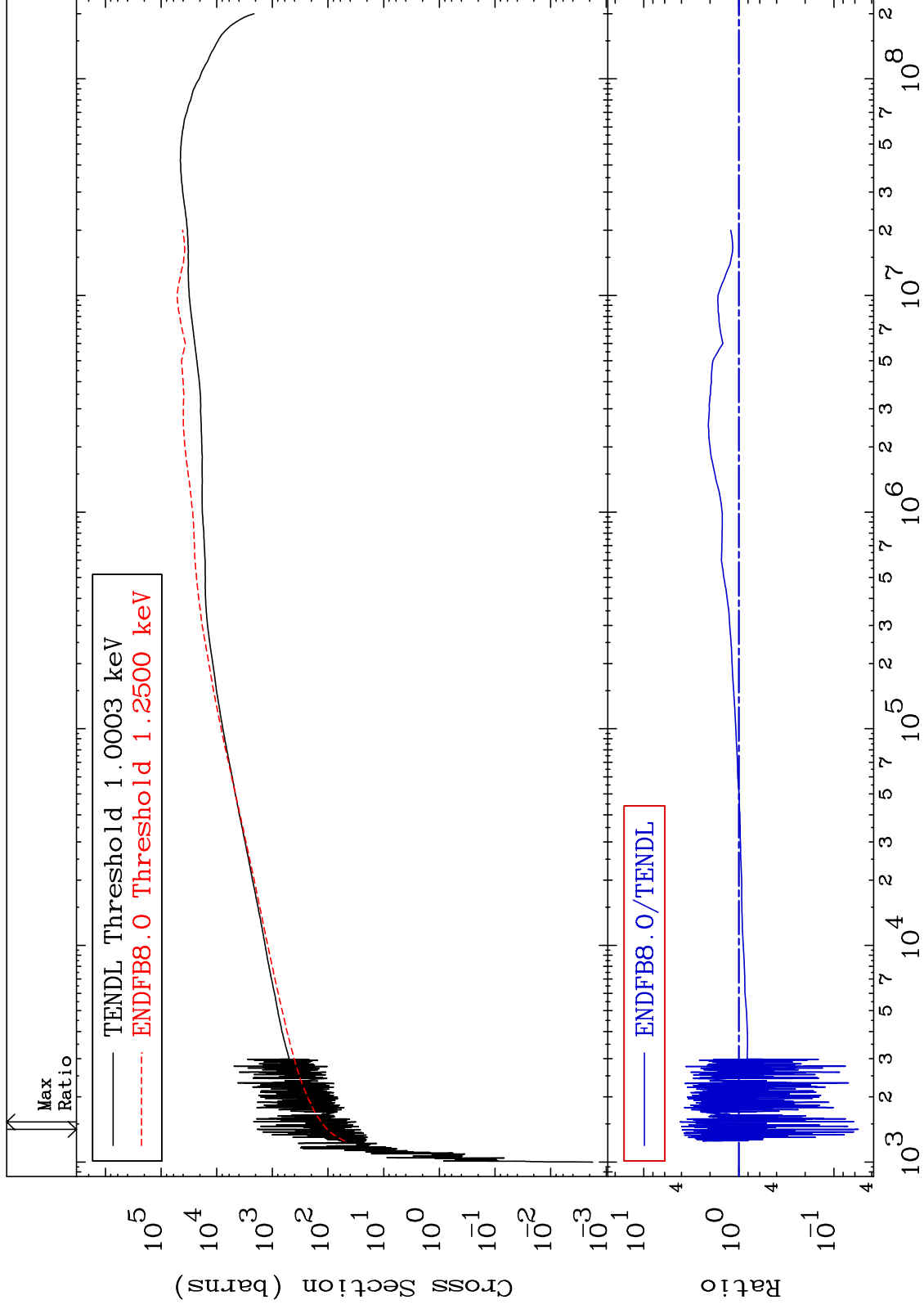
71-Lu-175  
-79.17 To 9999. %



MAT 7125

Dpa elastic (mt2)  
Cross Section

71-Lu-175  
-94.48 To 314.9 %



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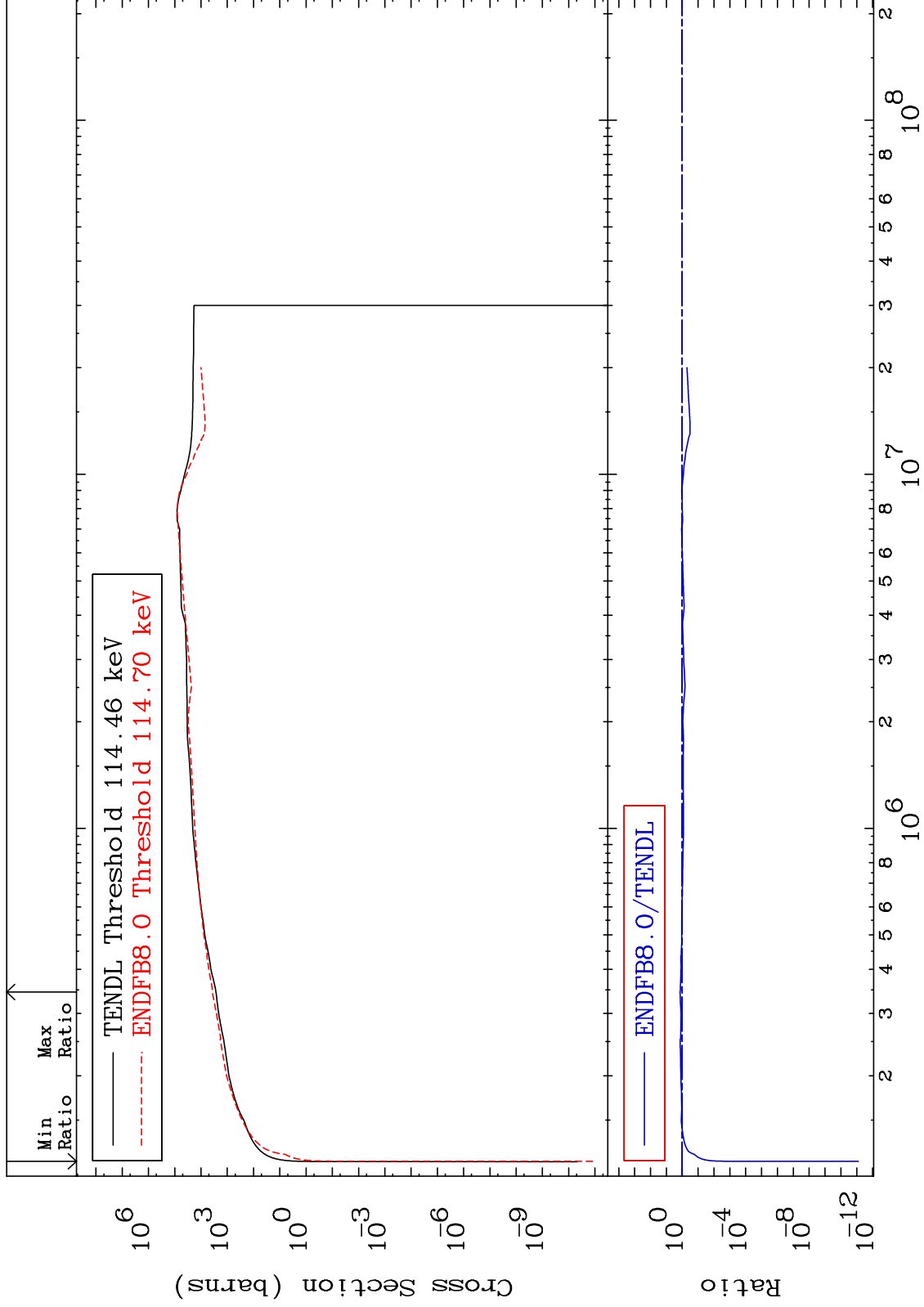
Incident Energy (eV)

71-Lu-175

MAT 7125

Dpa inelastic (mt51-91)  
Cross Section

71-Lu-175  
-100.0 To 37.93 %



MAT 7125      Dpa disappearance (mt102 -120)      71-Lu-175  
 Cross Section      -50.99 To 9999. %

