

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

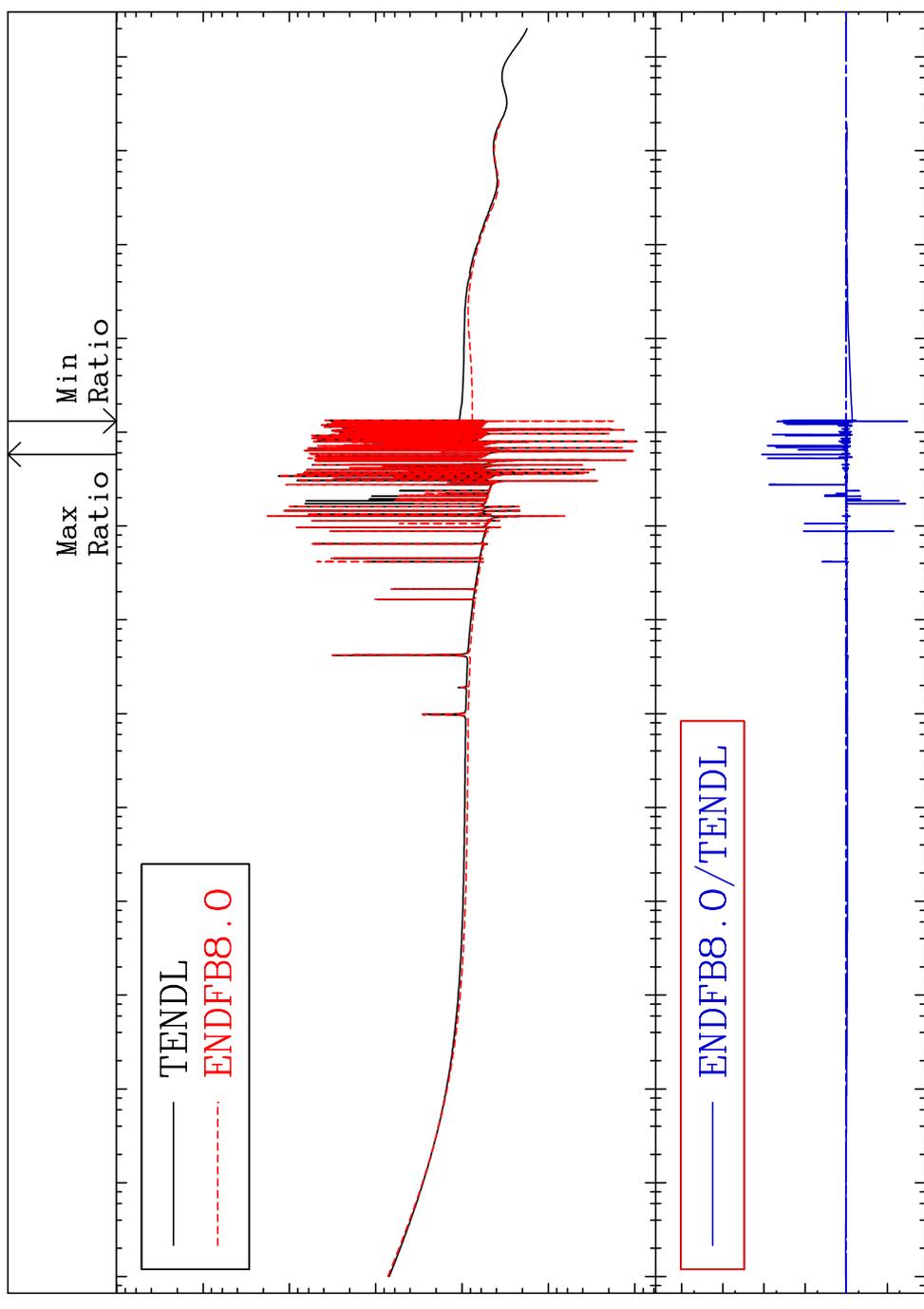
MAT 4443

Total

44-Ru-102

Cross Section

-96.76 To 9999. %



10<sup>-5</sup> 10<sup>-4</sup> 10<sup>-3</sup> 10<sup>-2</sup> 10<sup>-1</sup> 10<sup>0</sup> 10<sup>1</sup> 10<sup>2</sup> 10<sup>3</sup> 10<sup>4</sup> 10<sup>5</sup> 10<sup>6</sup> 10<sup>7</sup> 10<sup>8</sup>

1

Incident Energy (eV)

44-Ru-102

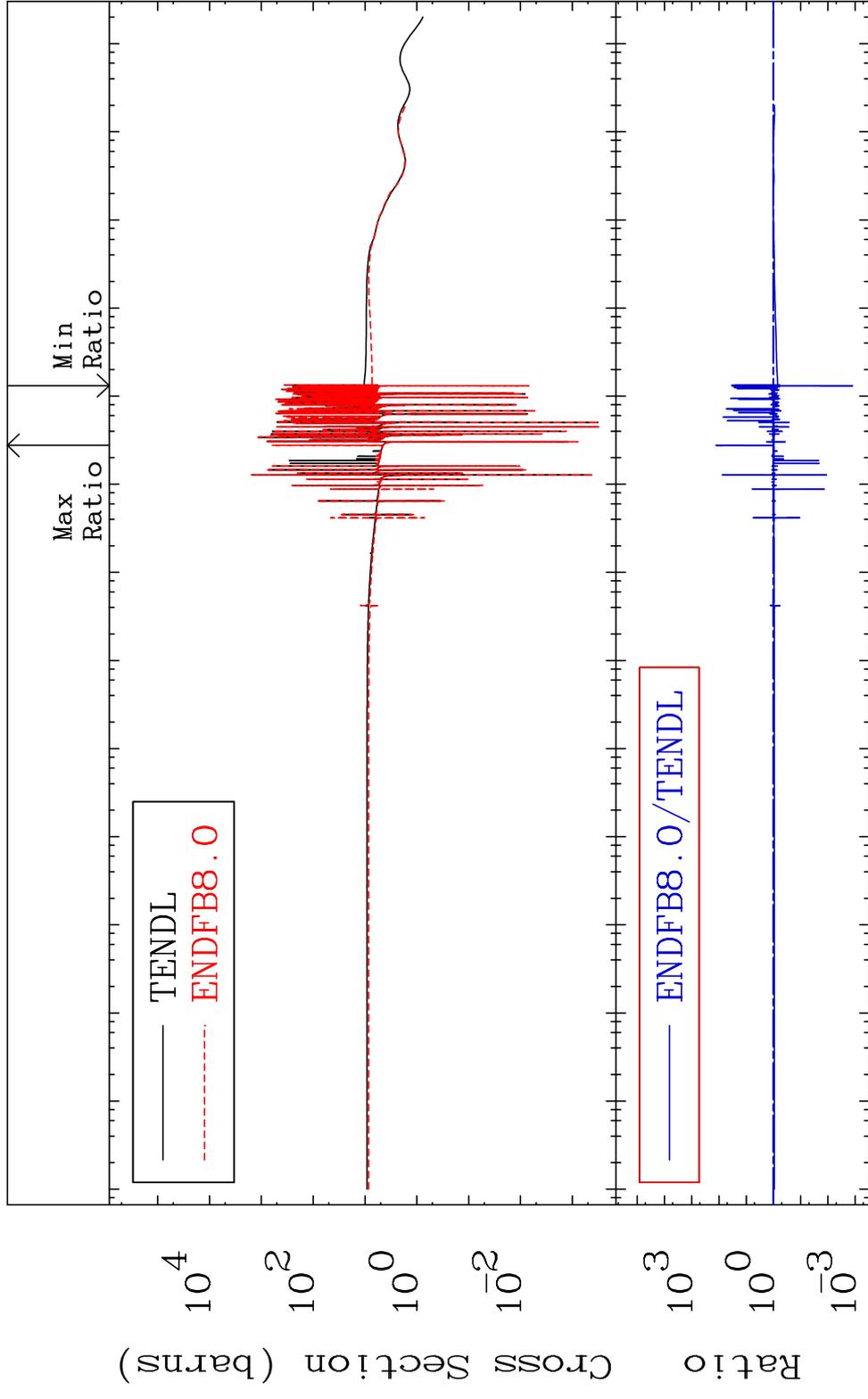
MAT 4443

Elastic

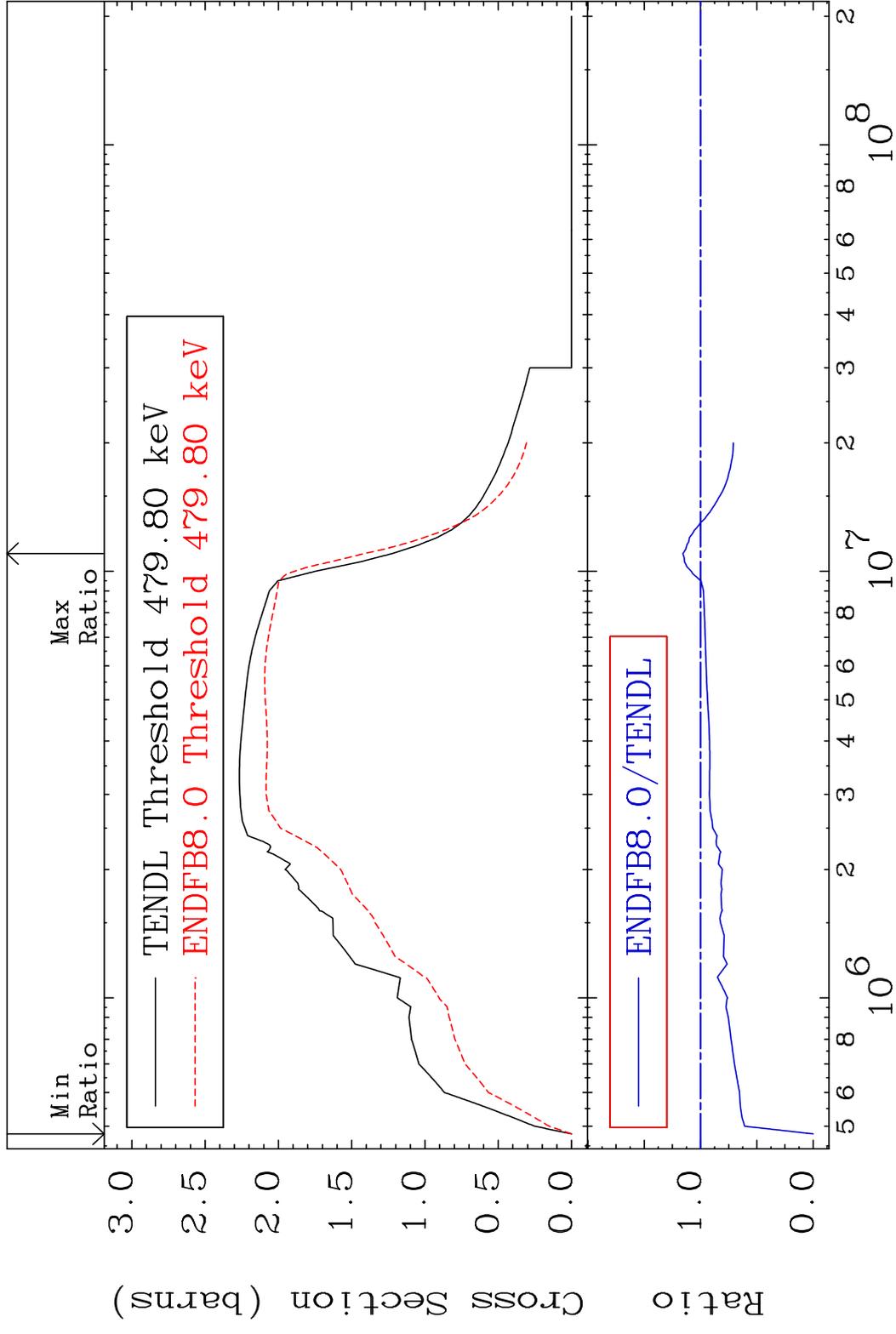
44-Ru-102

Cross Section

-99.87 To 9999. %



MAT 4443 Inelastic 44-Ru-102  
 Cross Section -100.0 To 15.70 %

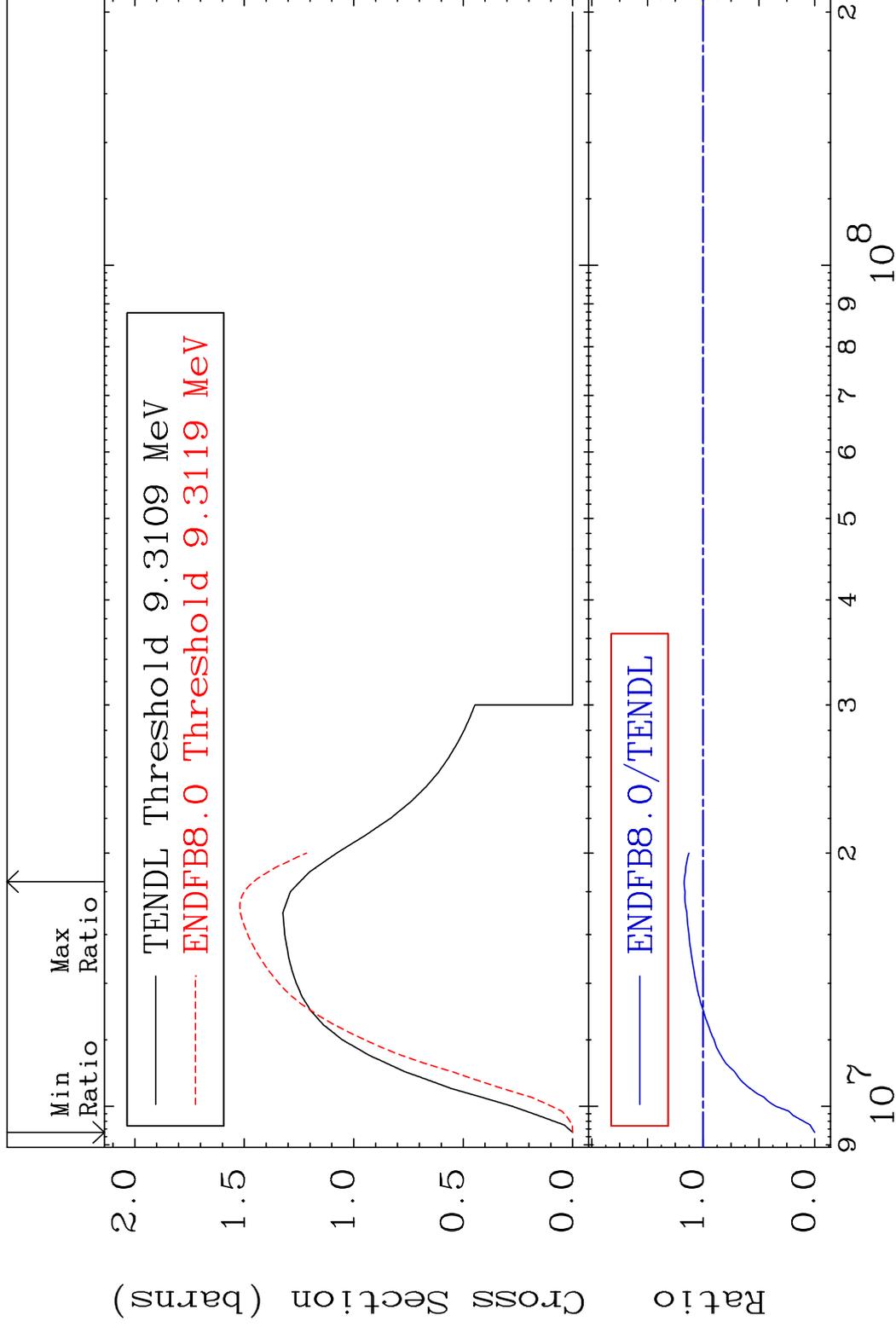


MAT 4443

(n,2n)

44-Ru-102

Cross Section -100.0 To 17.12 %



4

Incident Energy (eV)

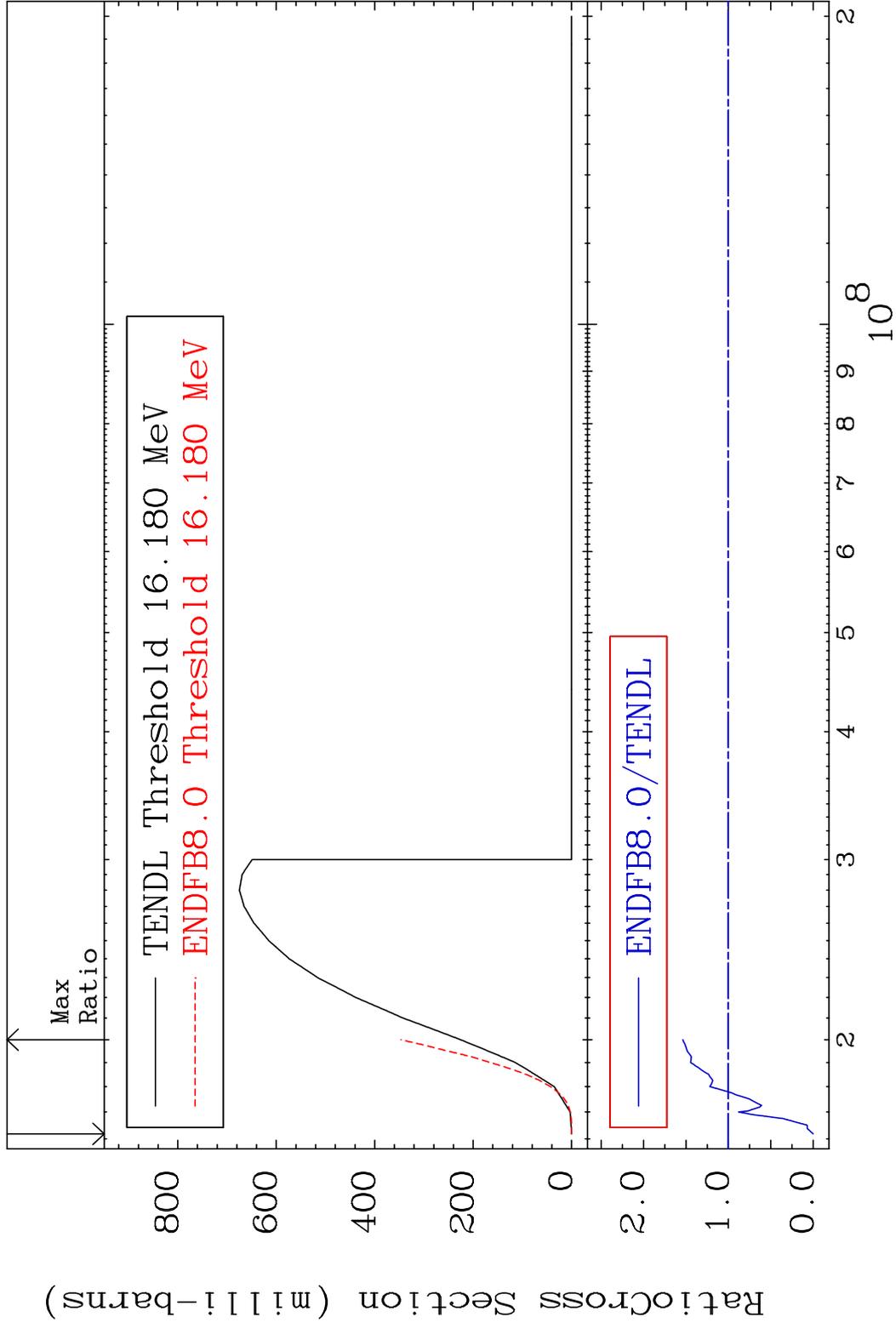
44-Ru-102

MAT 4443

(n,3n)

44-Ru-102

Cross Section -100.0 To 53.72 %

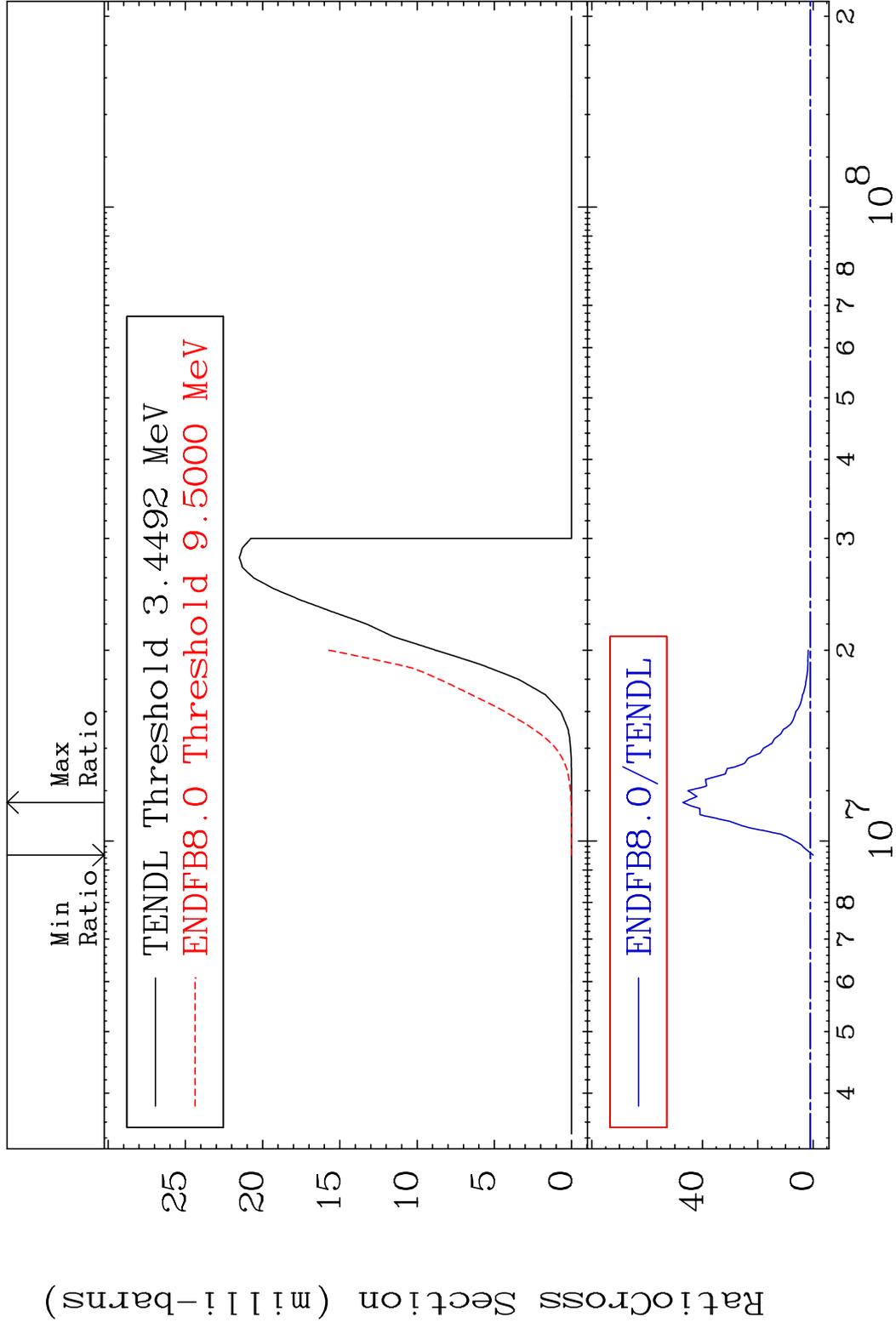


5

Incident Energy (eV)

44-Ru-102

MAT 4443 (n, n')  $\alpha$  44-Ru-102  
 Cross Section -100.0 To 4610. %

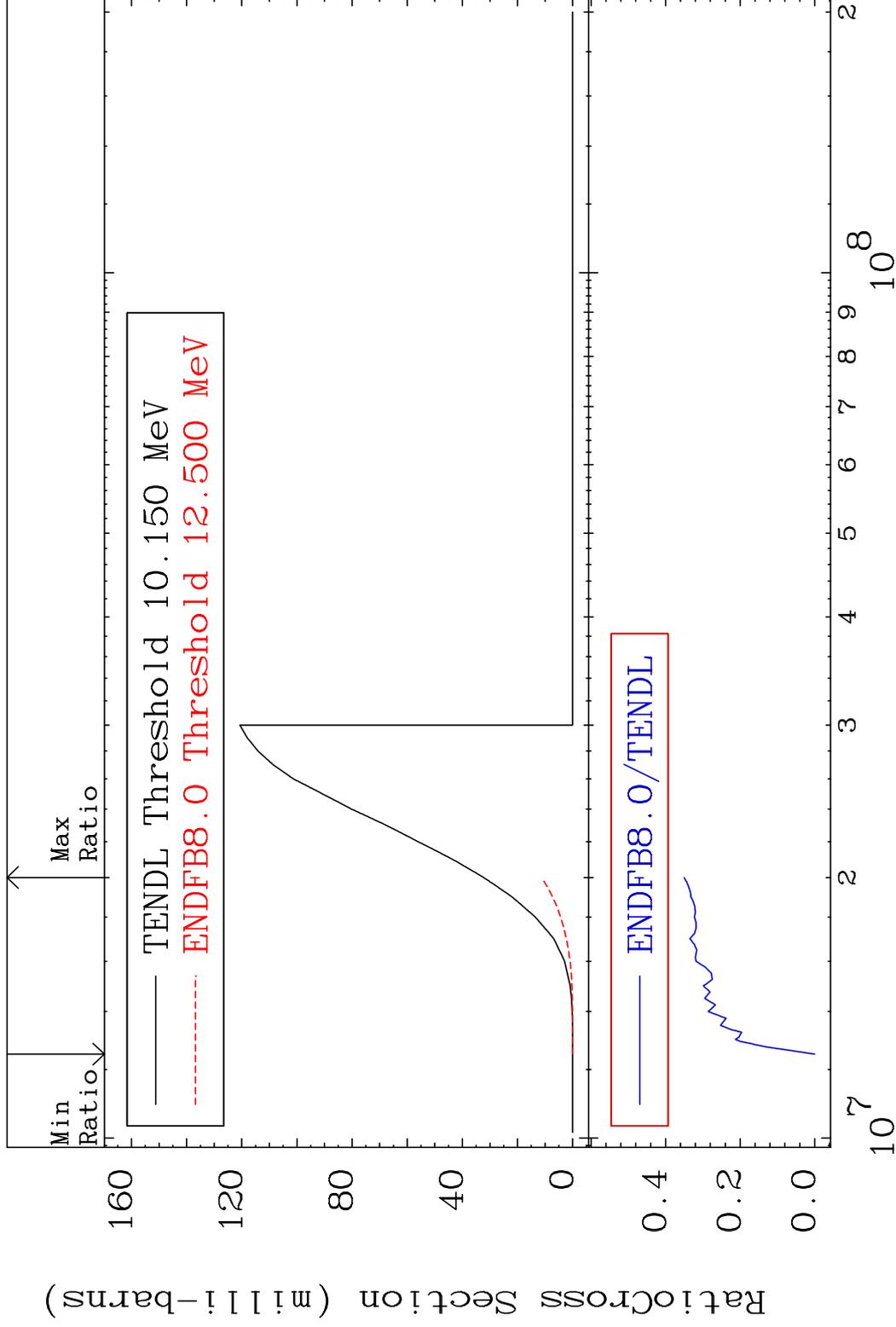


MAT 4443

(n, n') p

44-Ru-102

Cross Section -100.0 To -64.97%

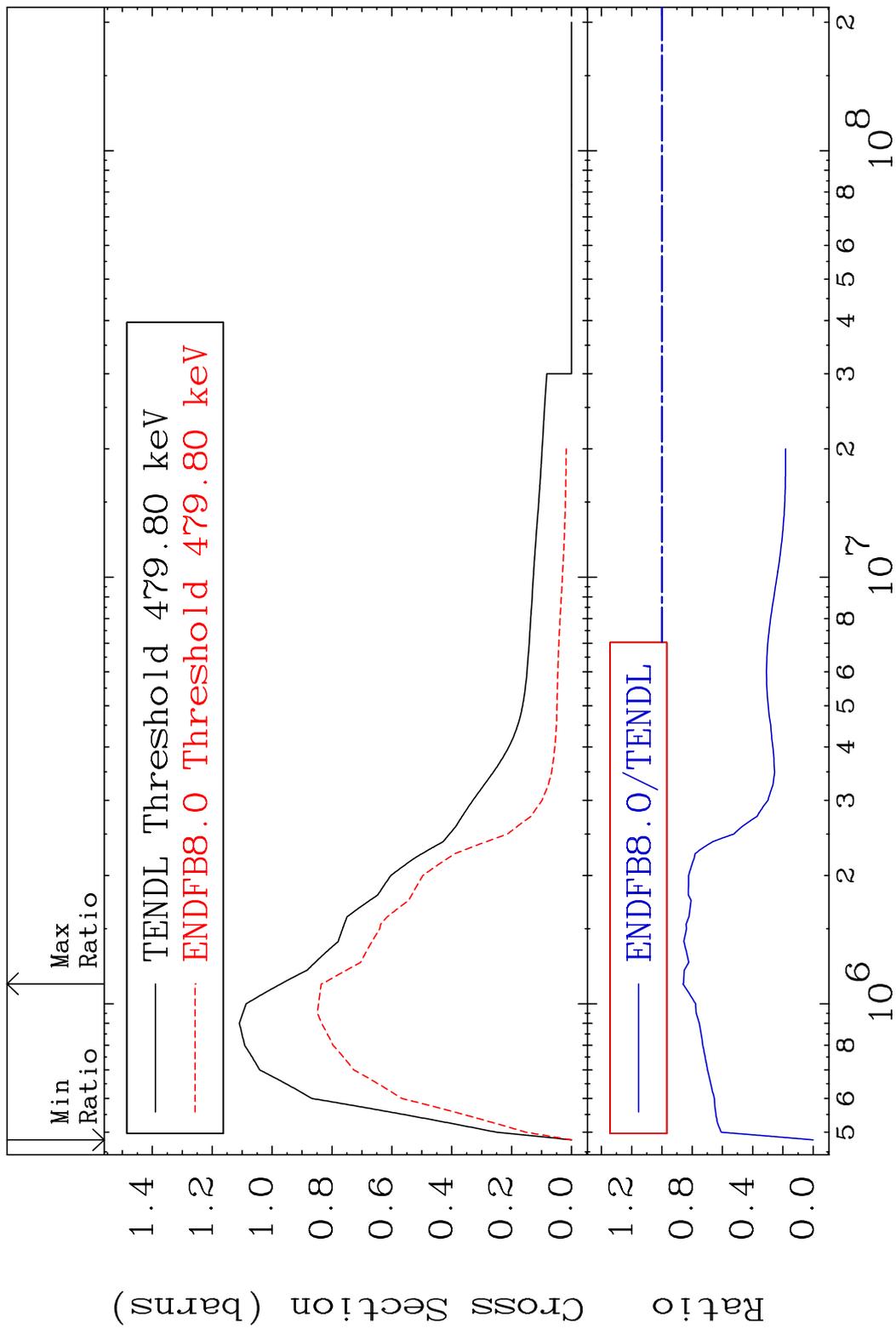


7

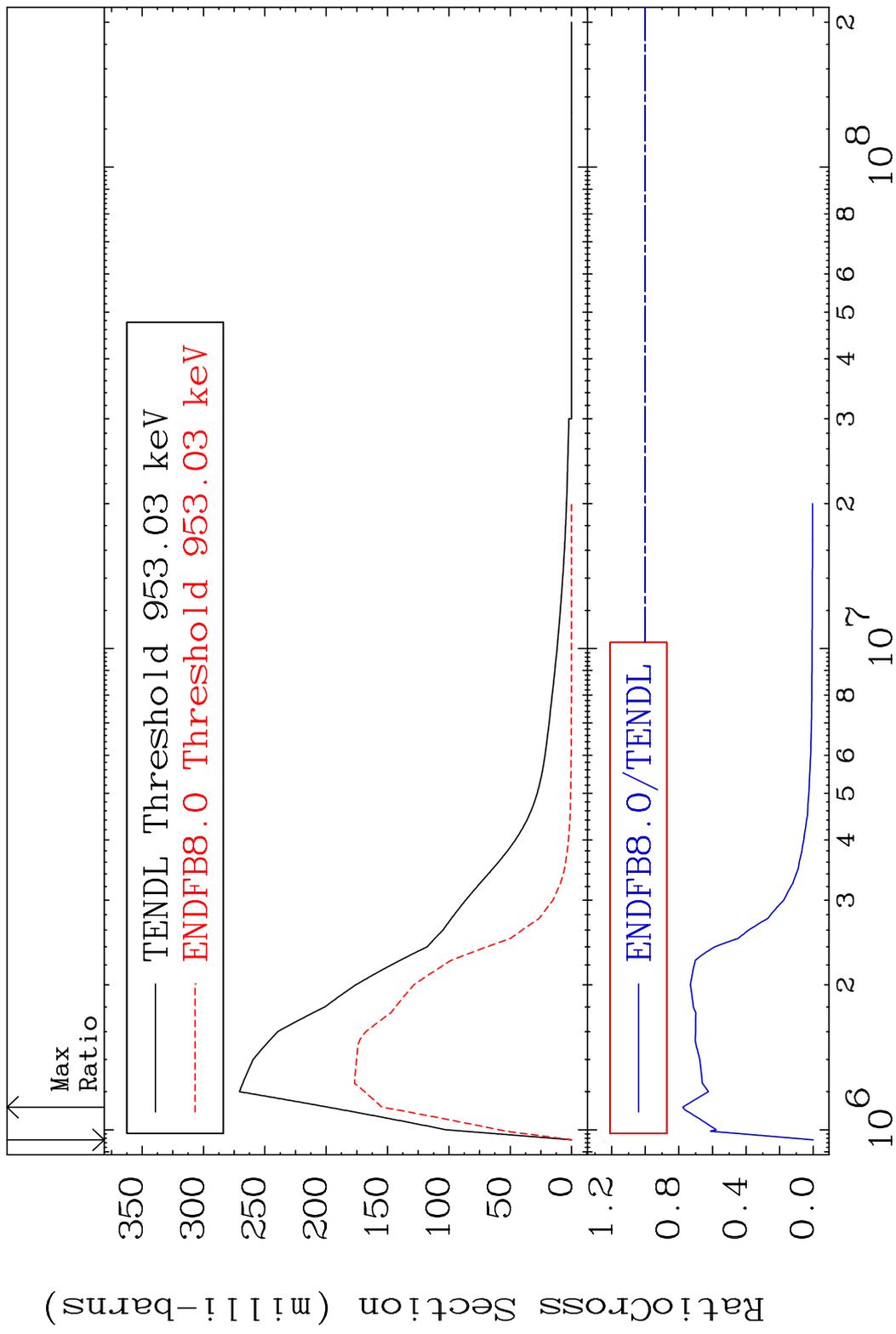
Incident Energy (eV)

44-Ru-102

MAT 4443 MT= 51 (n, n') Level 44-Ru-102  
 Cross Section -100.0 To -13.84%

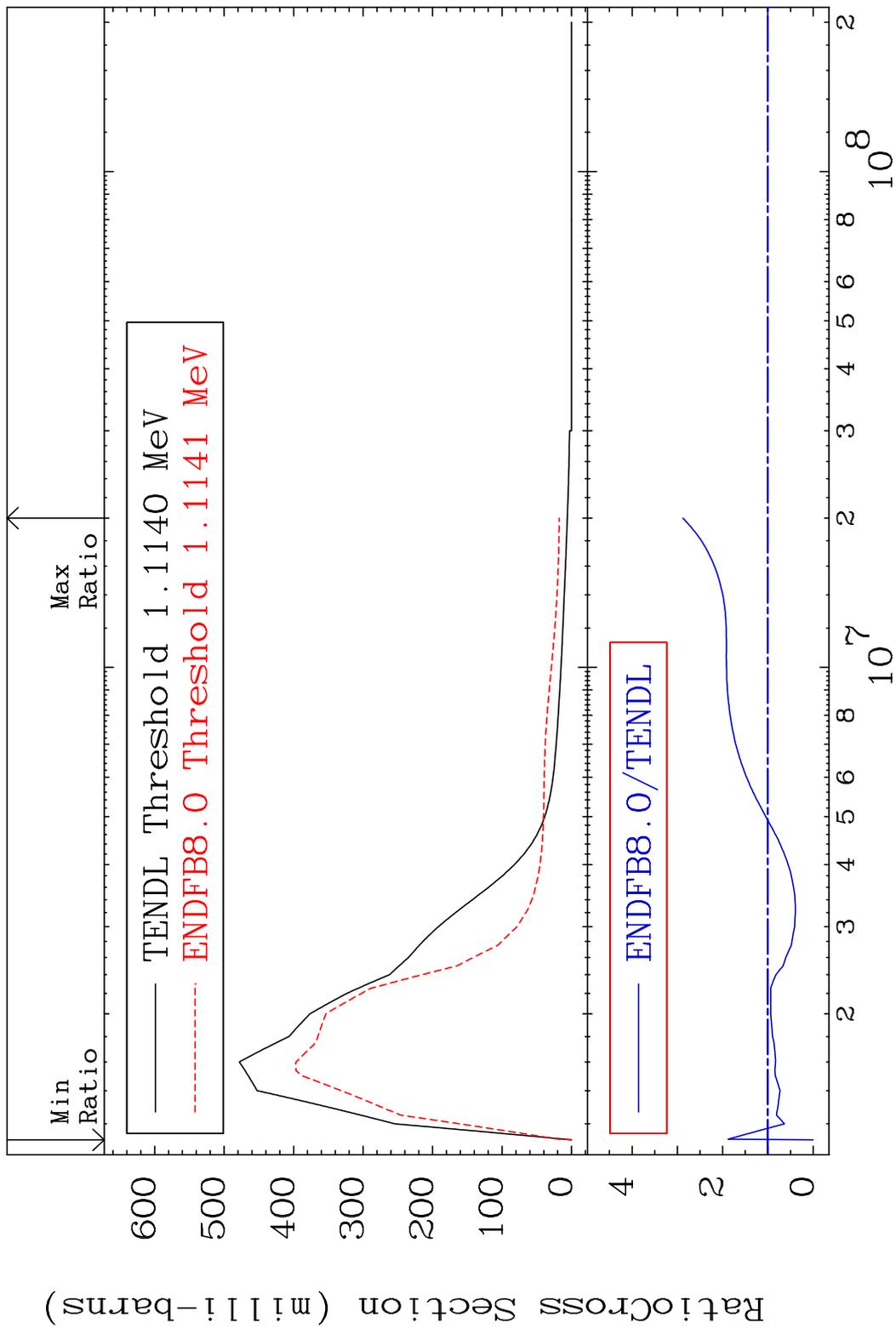


MAT 4443 MT= 52 (n, n') Level 44-Ru-102  
 Cross Section -100.0 To -22.37%



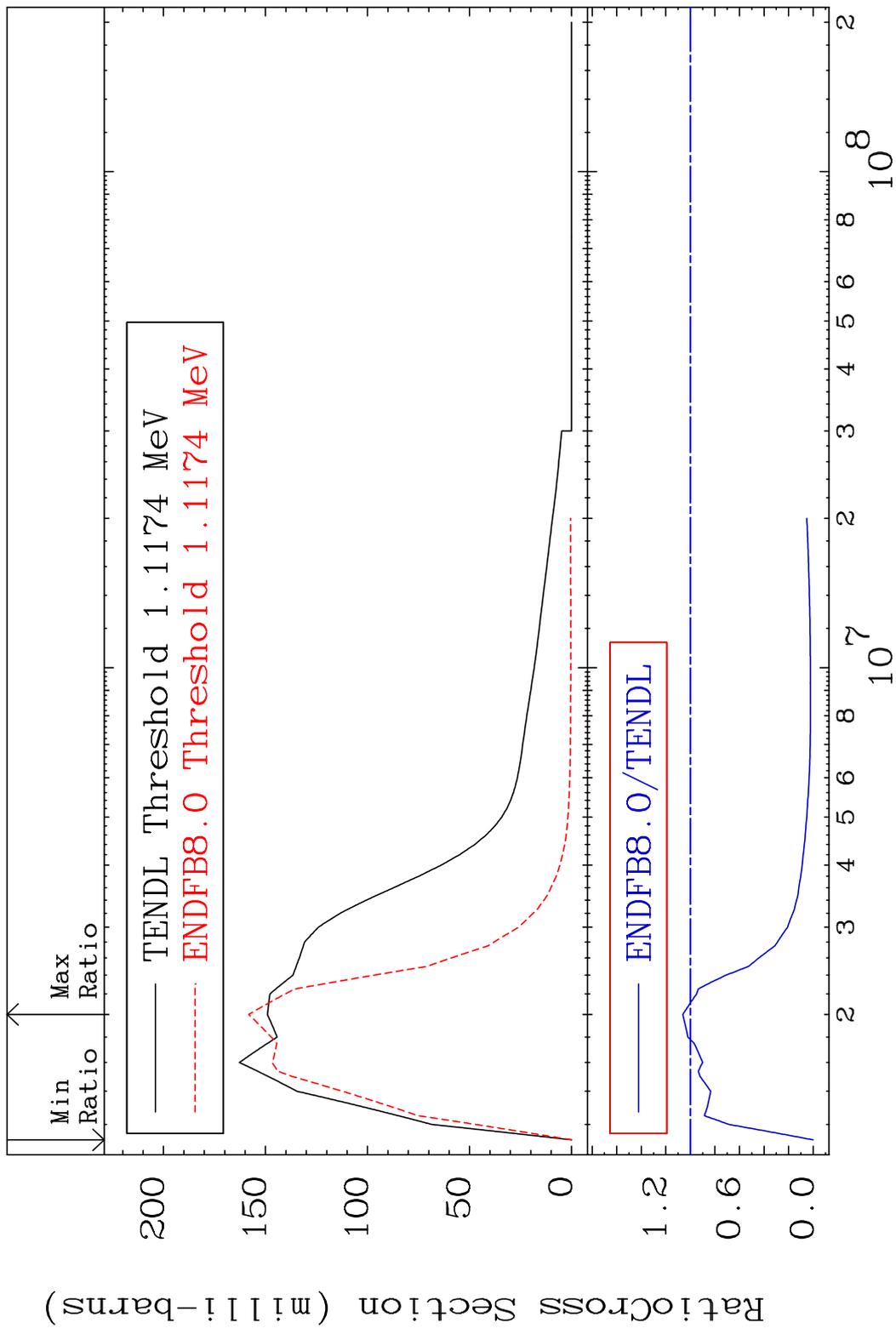
9 Incident Energy (eV) 44-Ru-102

MAT 4443 MT= 53 (n, n') Level 44-Ru-102  
 Cross Section -100.0 To 187.9 %

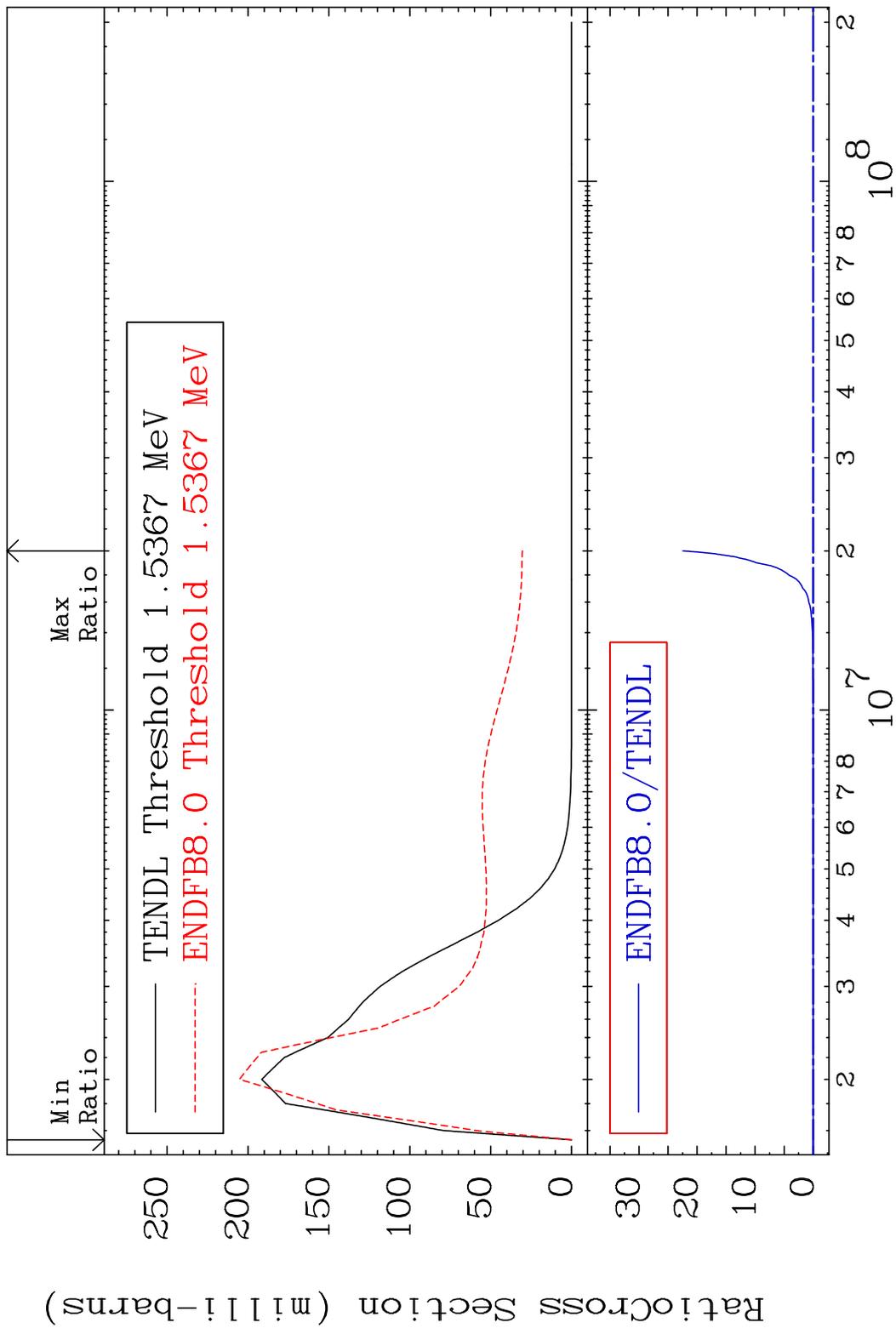


10 Incident Energy (eV) 44-Ru-102

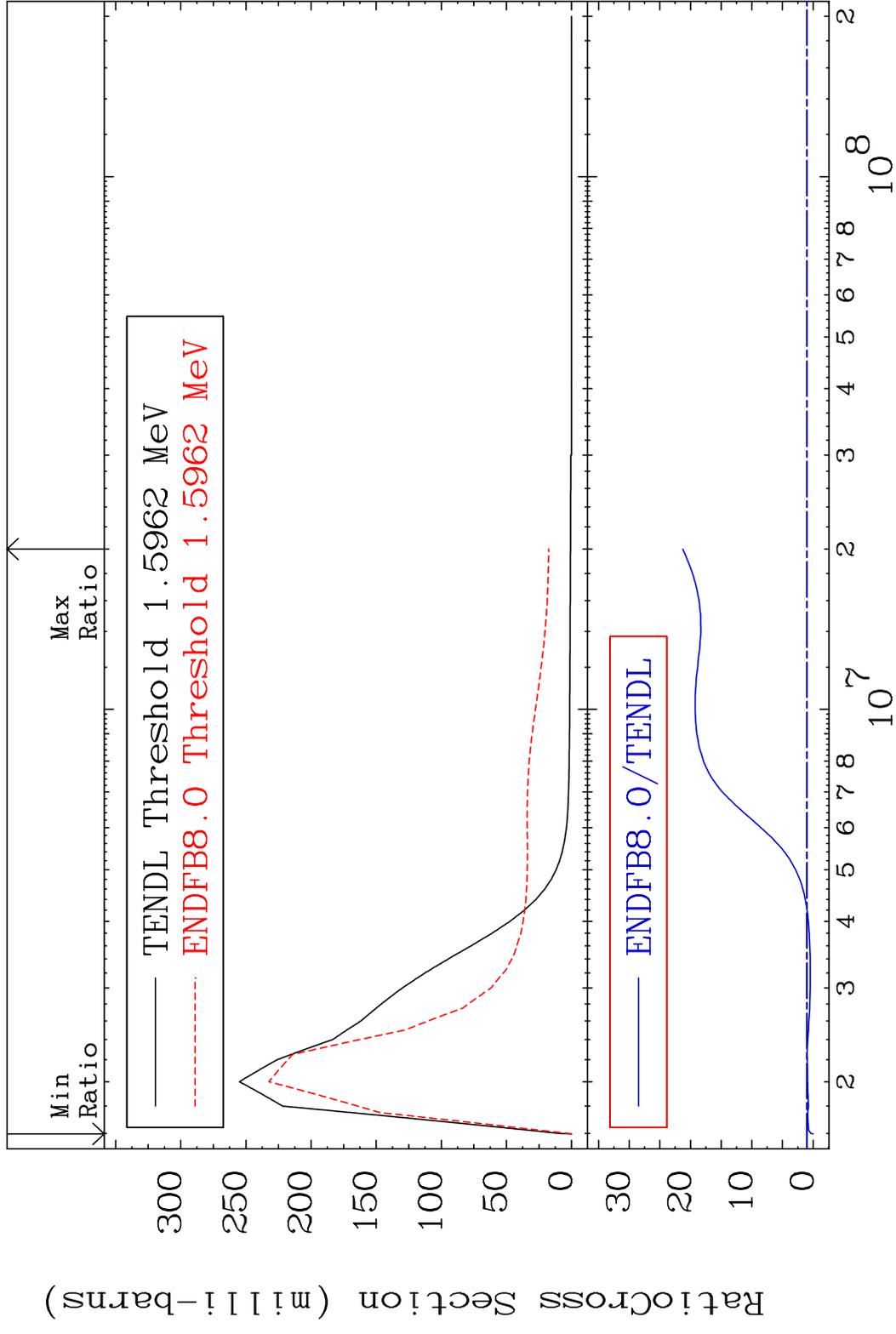
MAT 4443 MT= 54 (n, n') Level 44-Ru-102  
 Cross Section -100.0 To 6.143 %



MAT 4443 MT= 55 (n, n') Level 44-Ru-102  
 Cross Section -100.0 To 9999. %



MAT 4443 MT= 56 (n, n') Level 44-Ru-102  
 Cross Section -100.0 To 2026. %

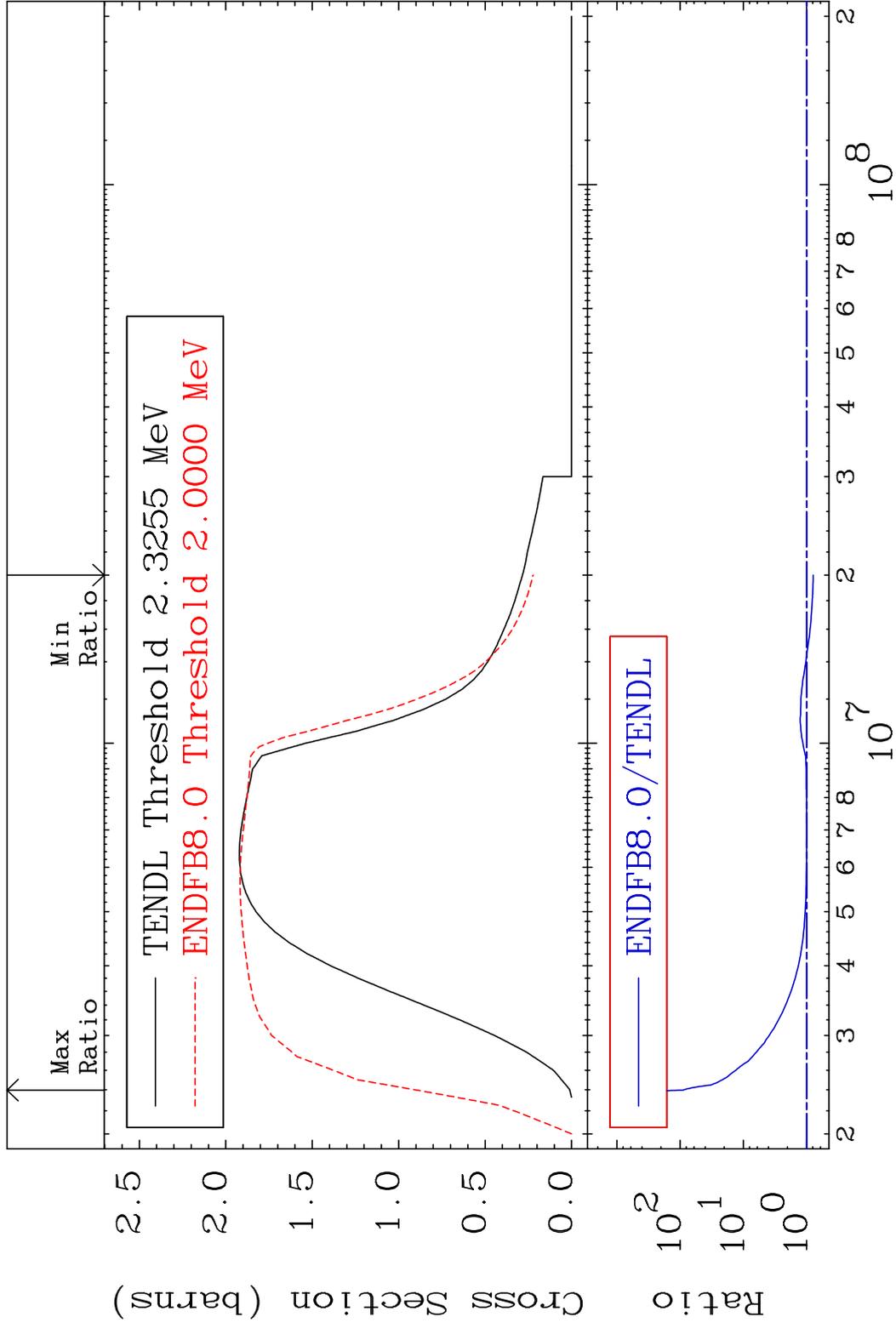


MAT 4443

(n, n') Continuum

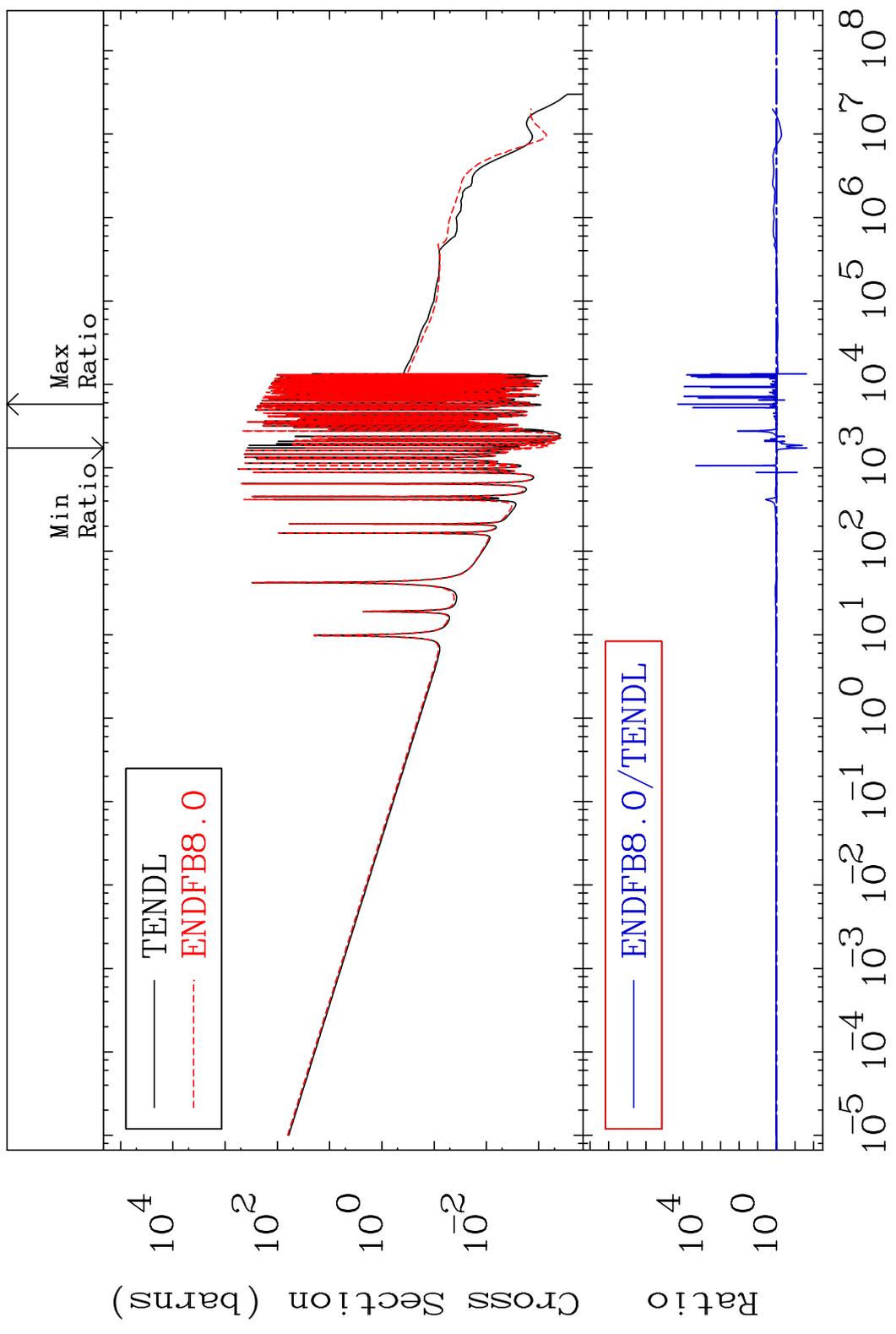
44-Ru-102

Cross Section -21.47 To 8939. %



MAT 4443

(n,  $\gamma$ )  
Cross Section -97.73 To 9999. %  
44-Ru-102

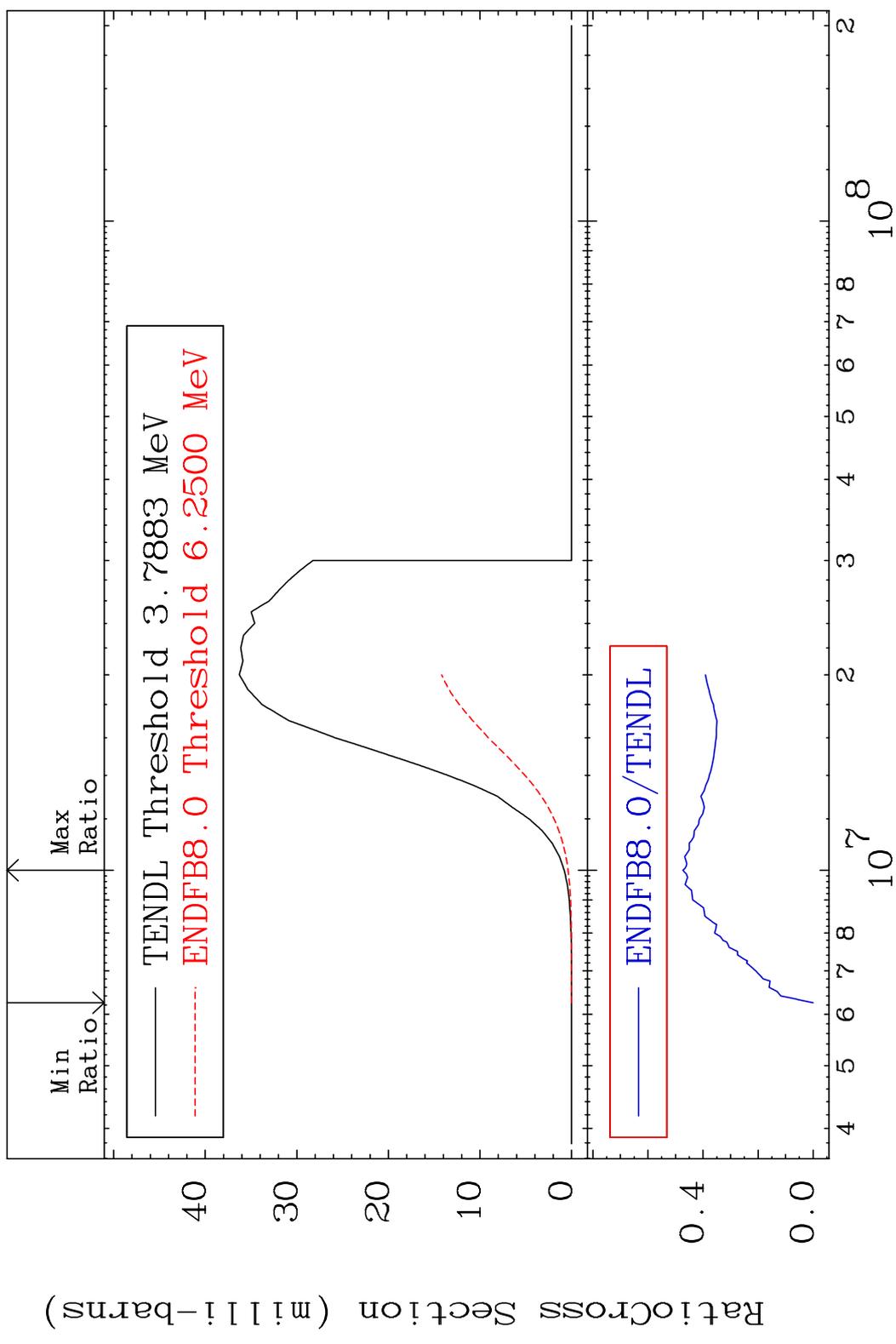


MAT 4443

(n,p)

44-Ru-102

Cross Section -100.0 To -52.67%

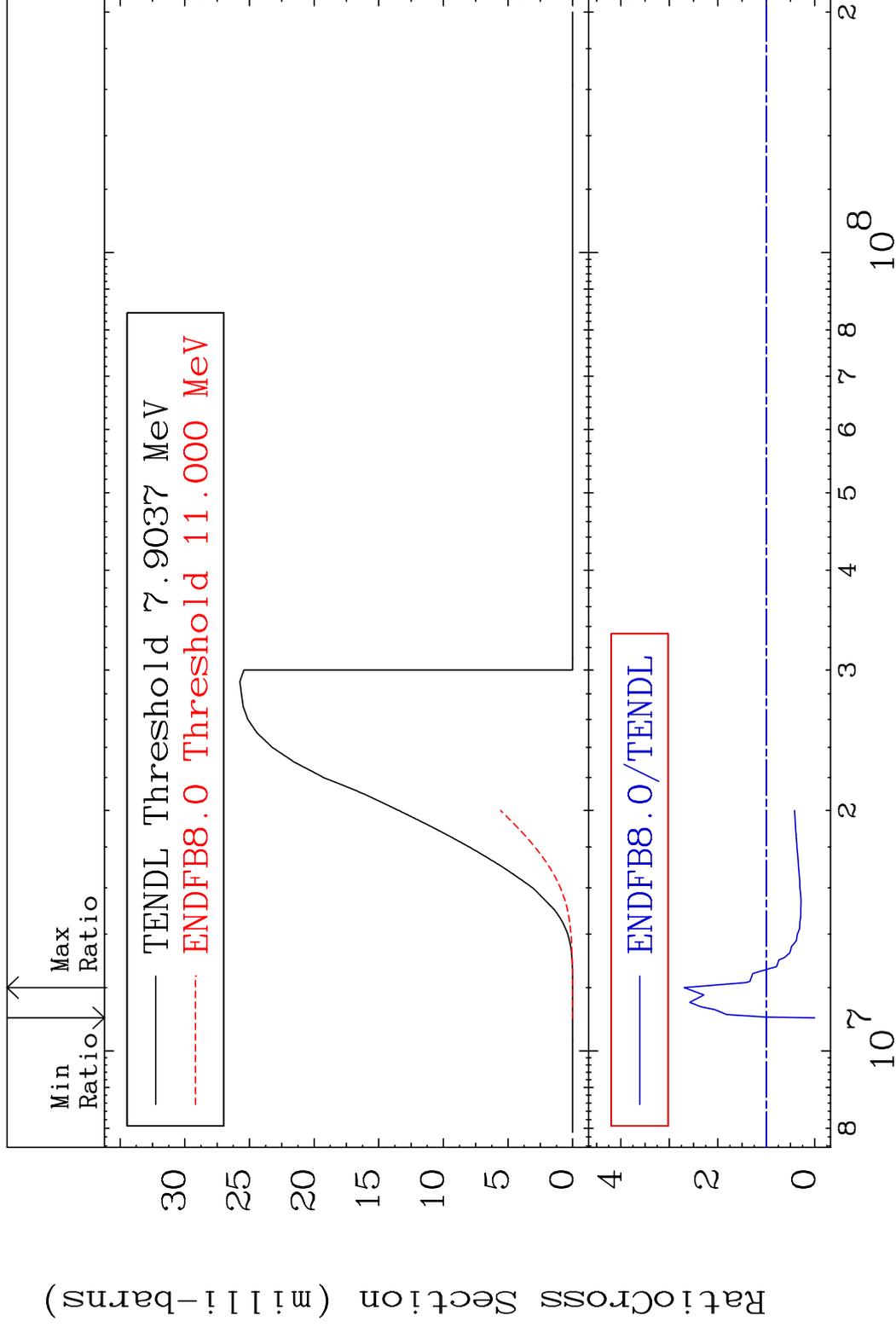


MAT 4443

(n,d)

44-Ru-102

Cross Section -100.0 To 169.3 %



17

Incident Energy (eV)

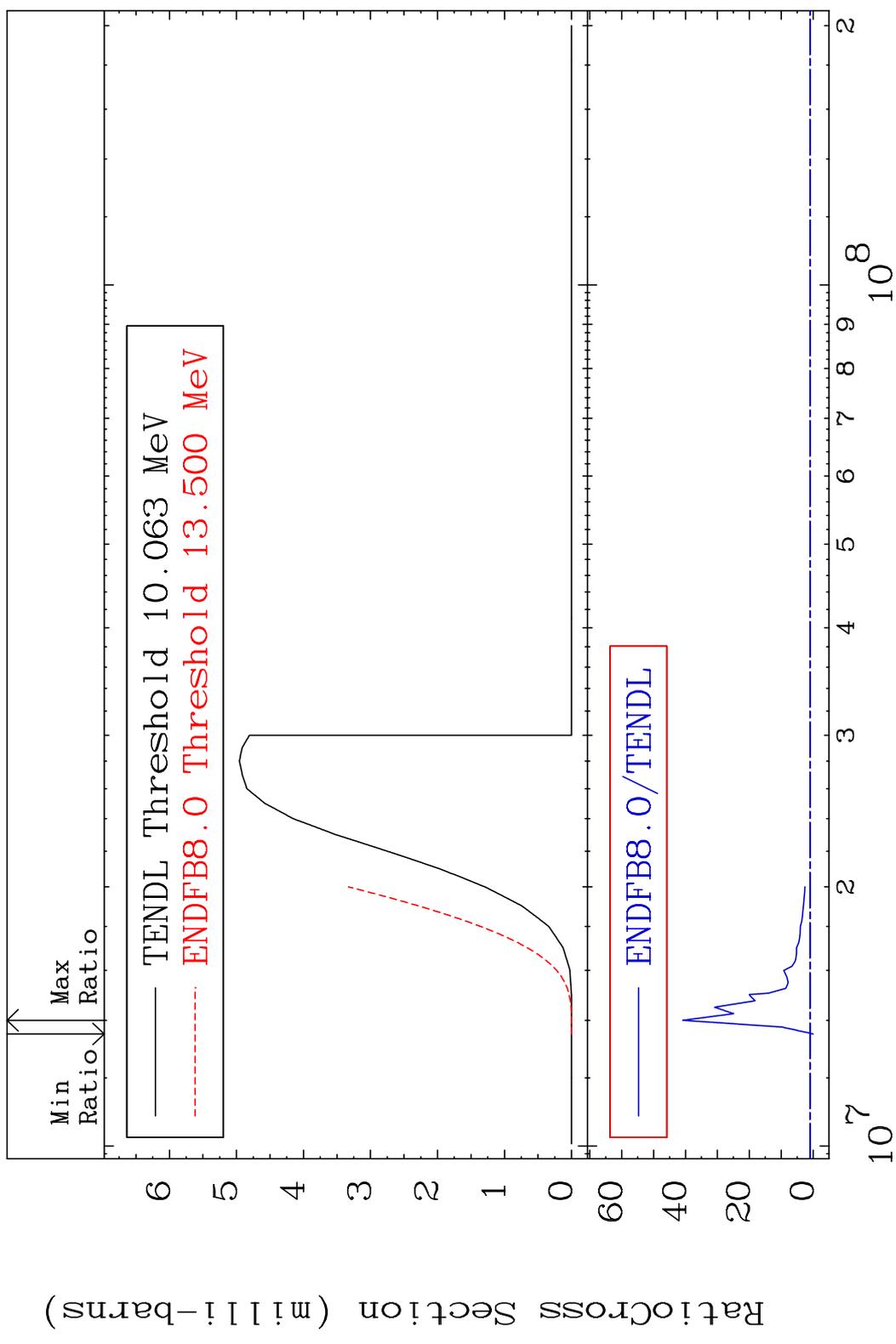
44-Ru-102

MAT 4443

(n, t)

44-Ru-102

Cross Section -100.0 To 3984. %



18

Incident Energy (eV)

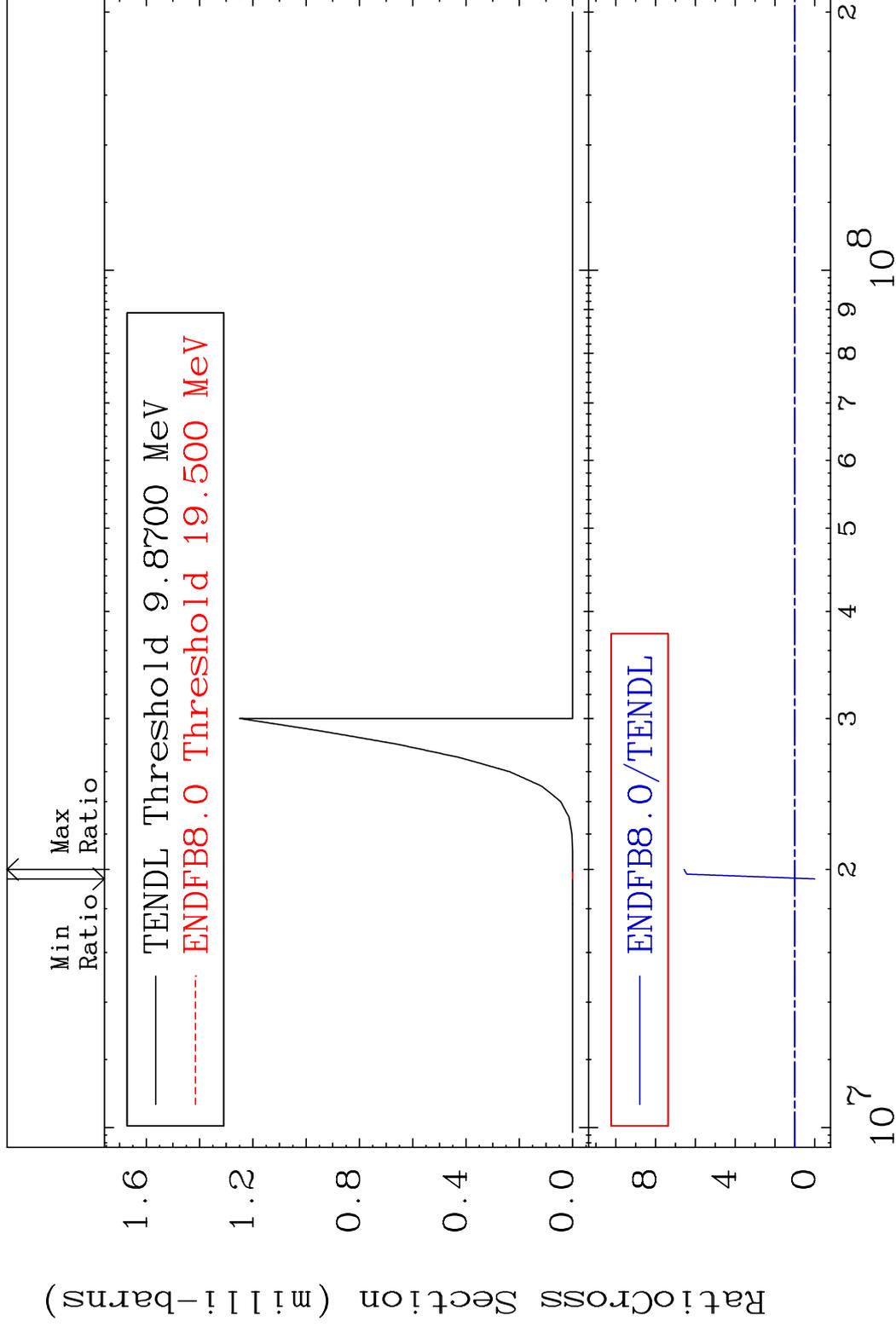
44-Ru-102

MAT 4443

(n, He-3)

44-Ru-102

Cross Section -100.0 To 556.6 %



19

Incident Energy (eV)

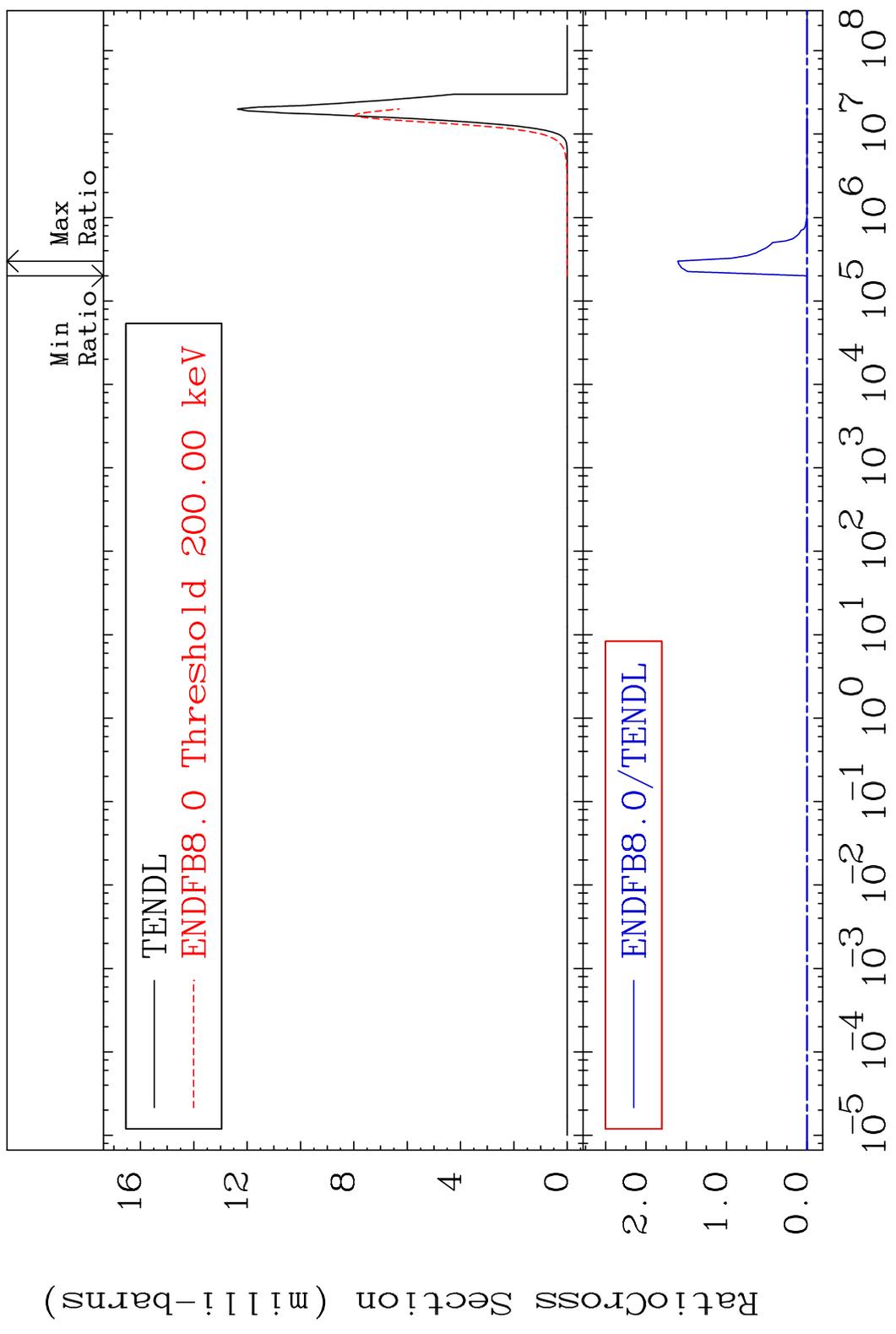
44-Ru-102

MAT 4443

(n,  $\alpha$ )

44-Ru-102

Cross Section -100.0 To 9999. %



20

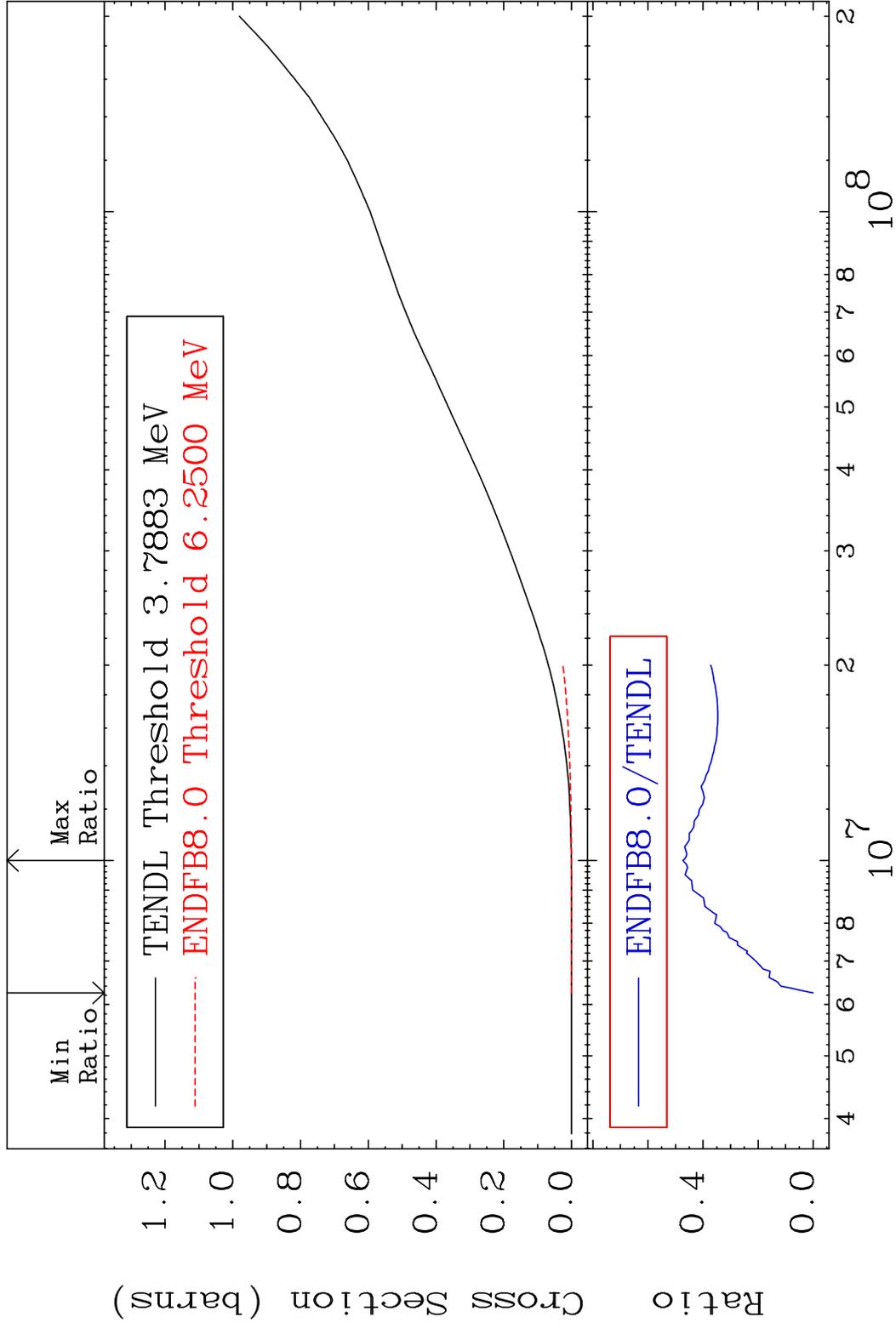
44-Ru-102

MAT 4443

Hydrogen Production

44-Ru-102

Cross Section -100.0 To -52.67%

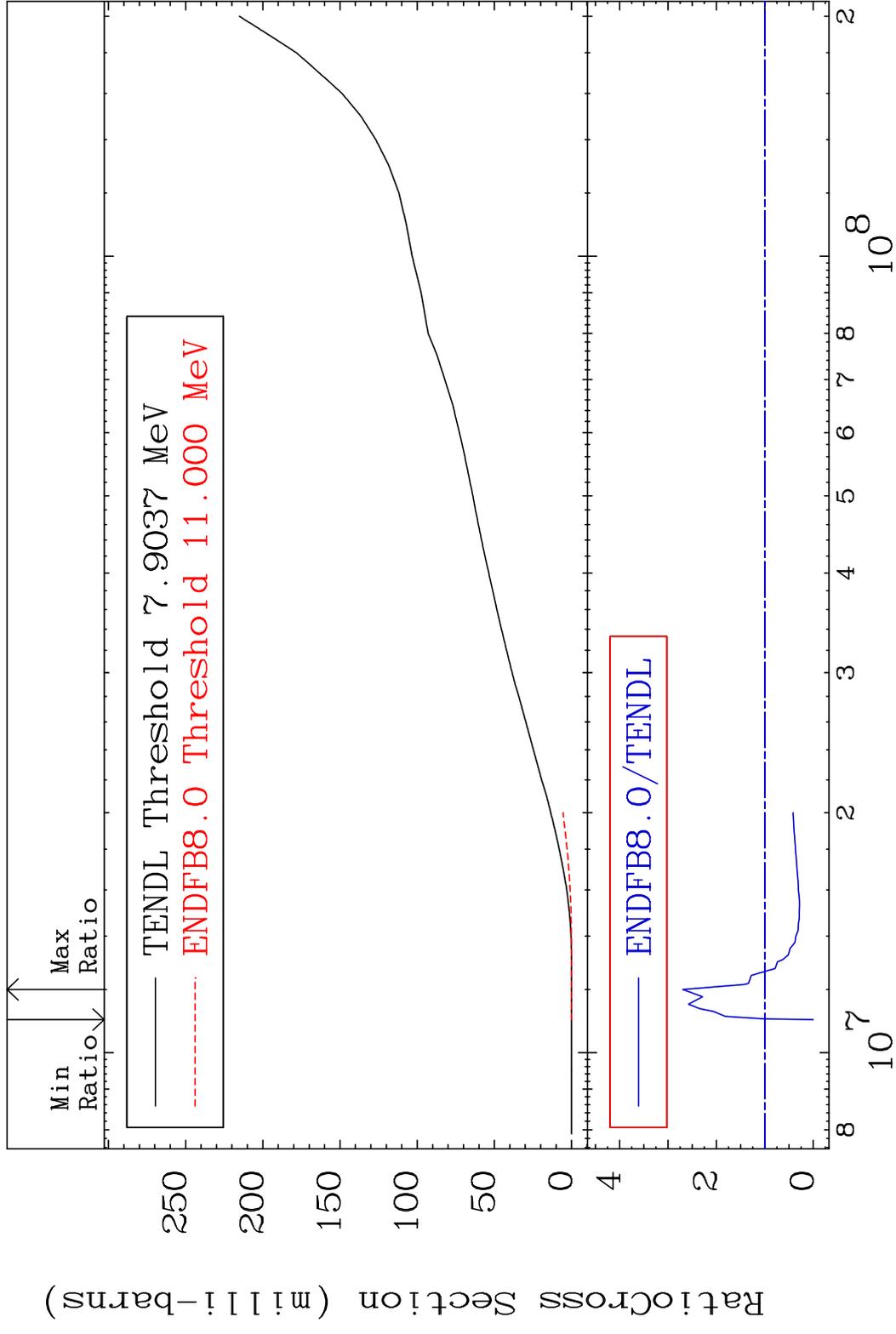


MAT 4443

Deuterium Production

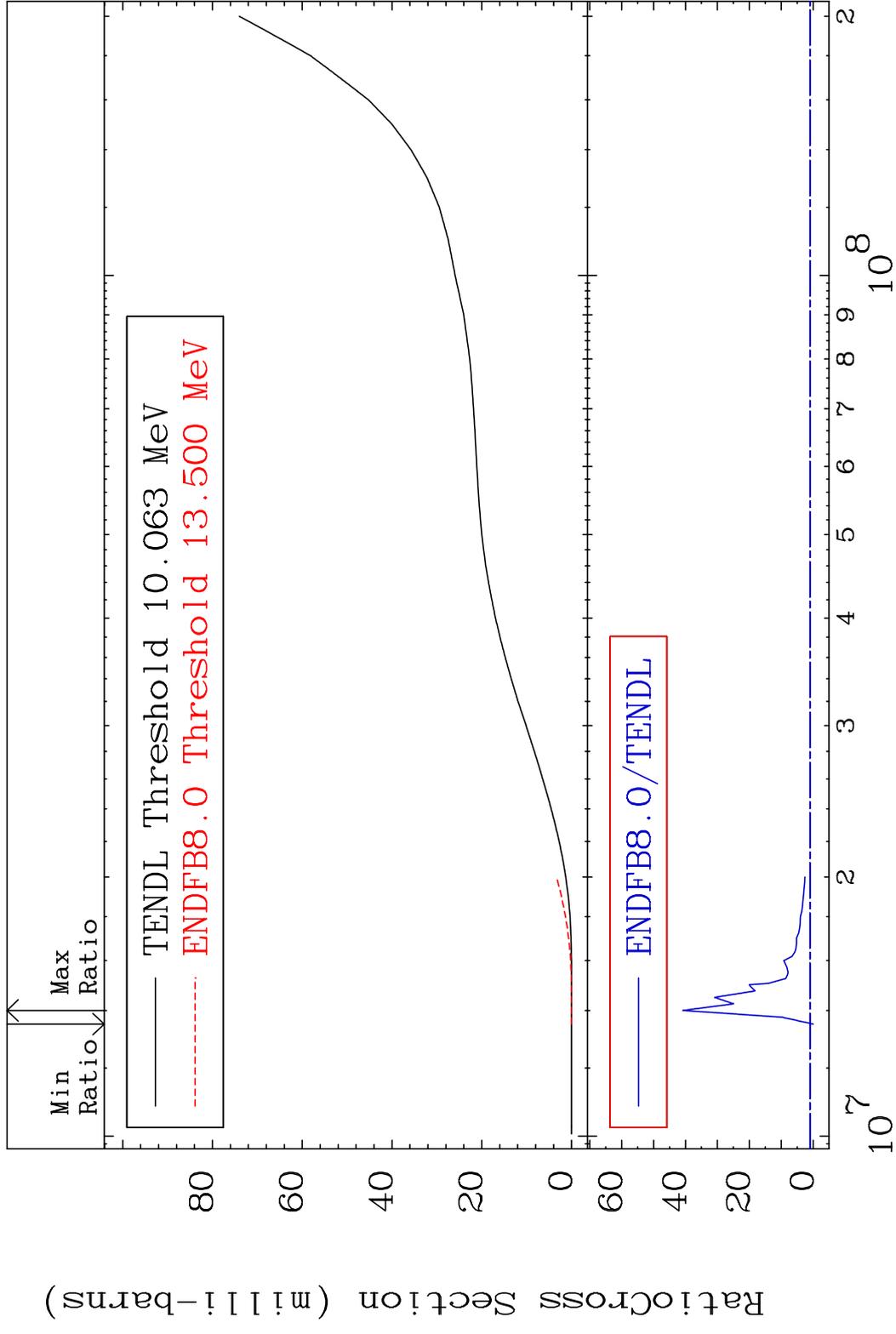
44-Ru-102

Cross Section -100.0 To 169.3 %



MAT 4443

Tritium Production 44-Ru-102  
Cross Section -100.0 To 3984. %



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Incident Energy (eV)

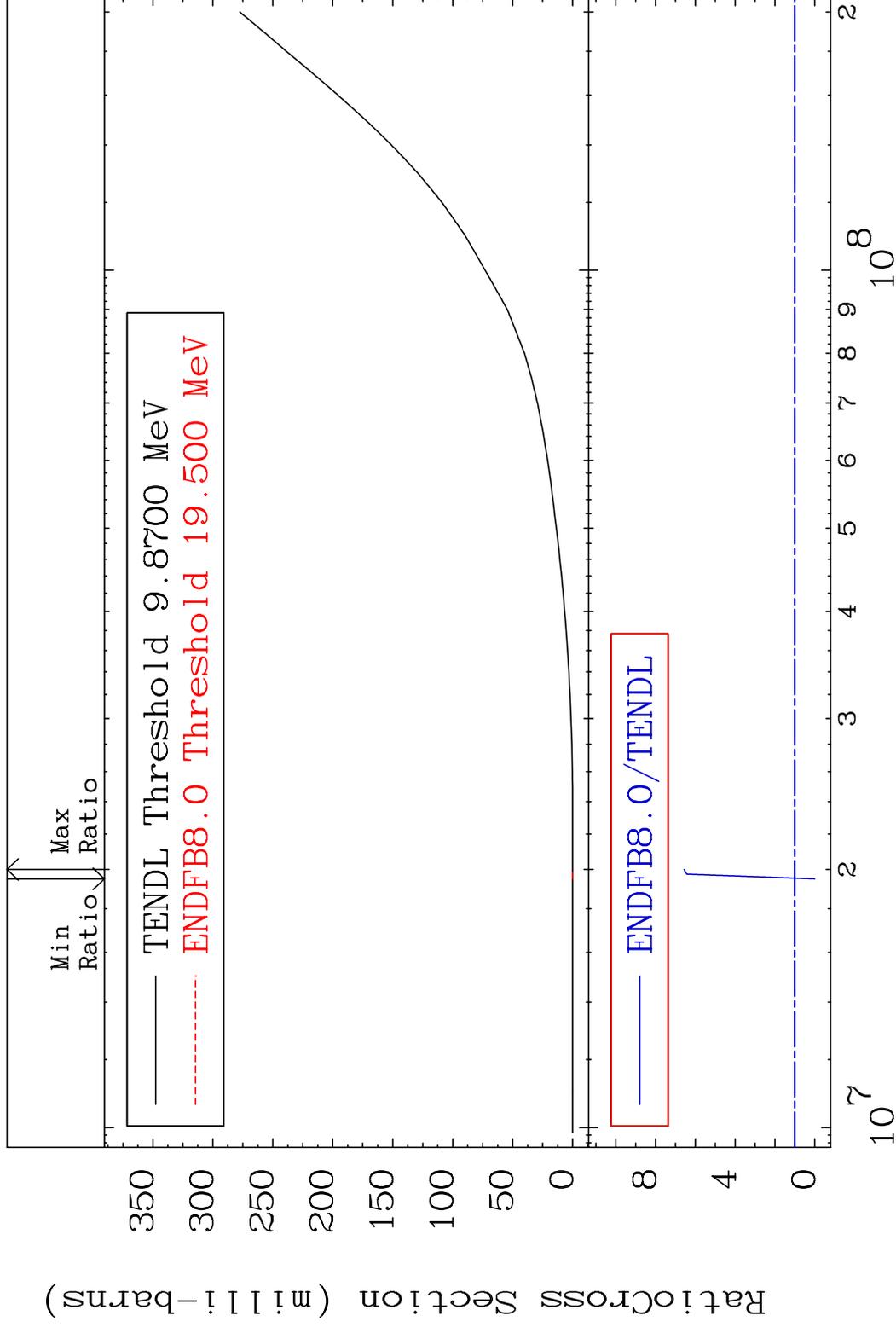
44-Ru-102

MAT 4443

He-3 Production

44-Ru-102

Cross Section -100.0 To 556.6 %



24

Incident Energy (eV)

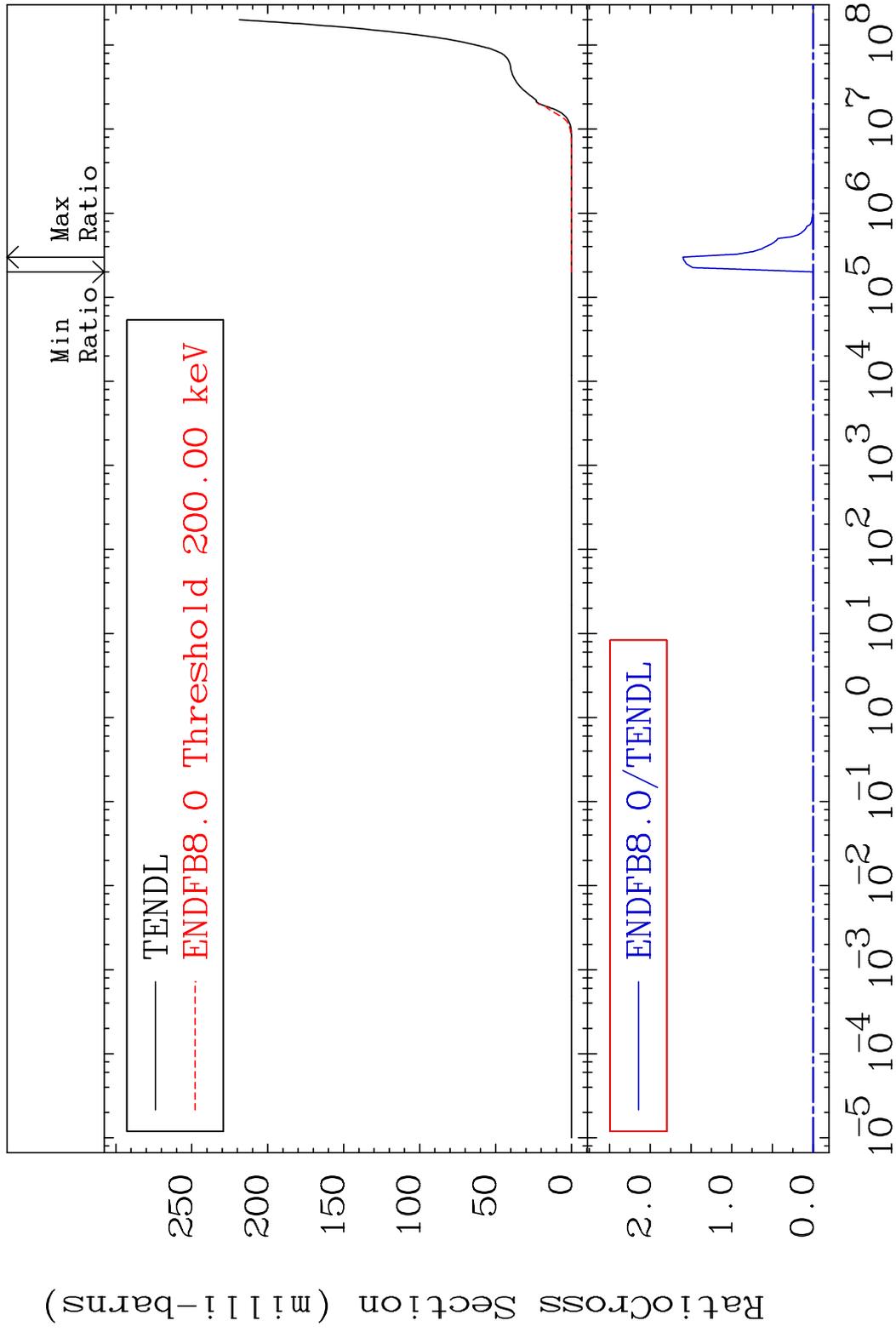
44-Ru-102

MAT 4443

He-4 Production

44-Ru-102

Cross Section -100.0 To 9999. %

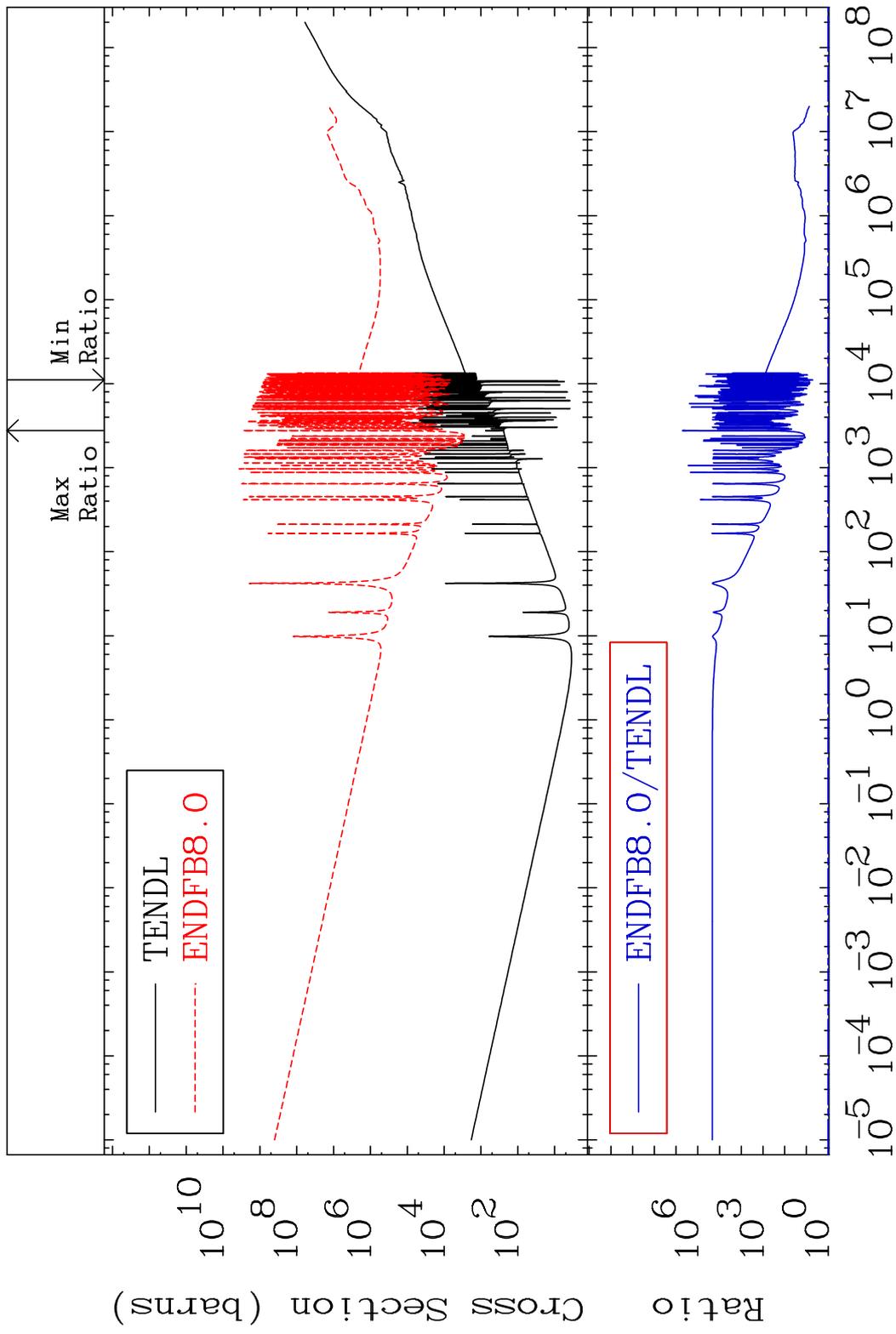


25

Incident Energy (eV)

44-Ru-102

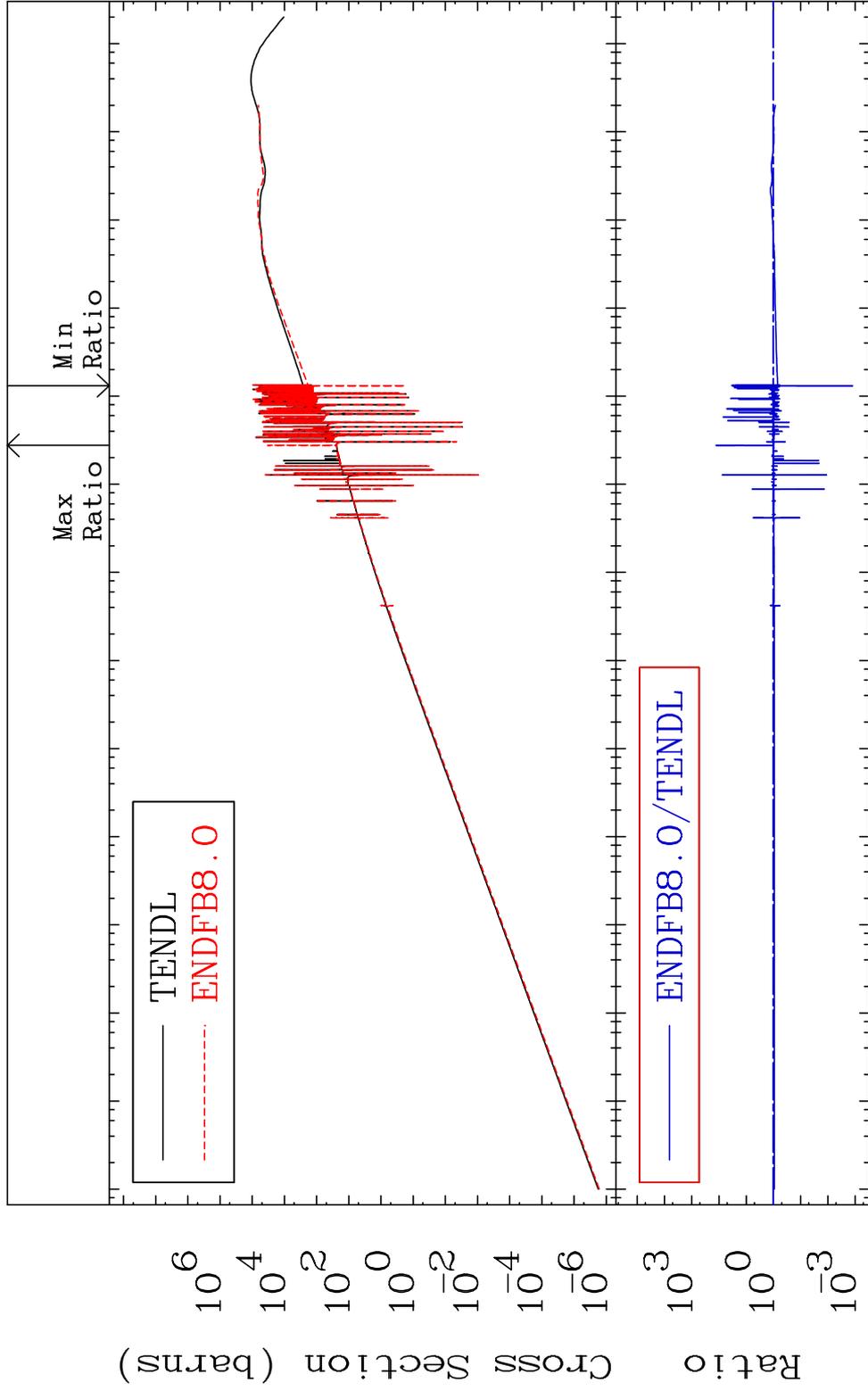
MAT 4443 Kerma total (eV-barns) 44-Ru-102  
 Cross Section 391.8 To 9999. %



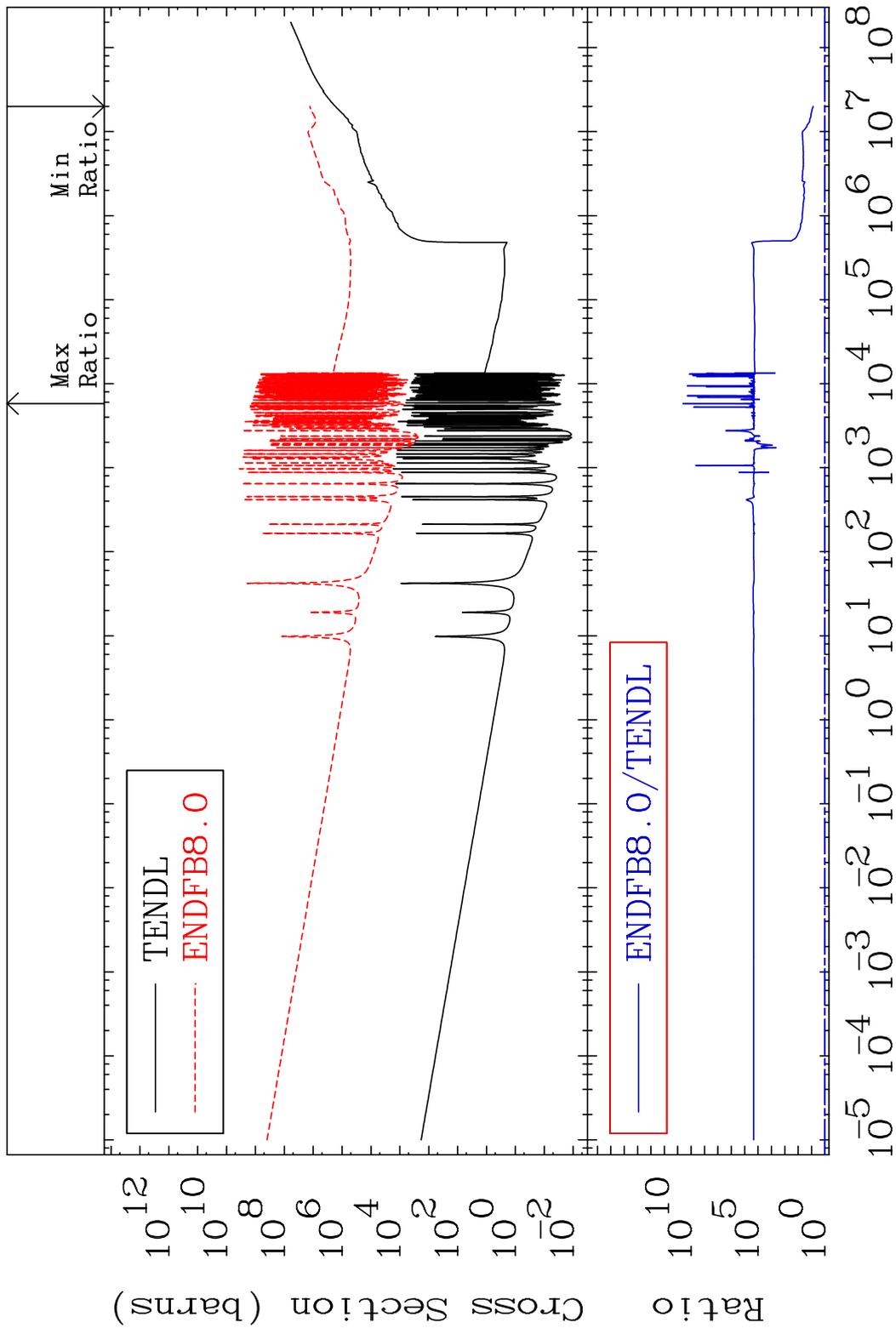
MAT 4443

Kerma elastic  
Cross Section

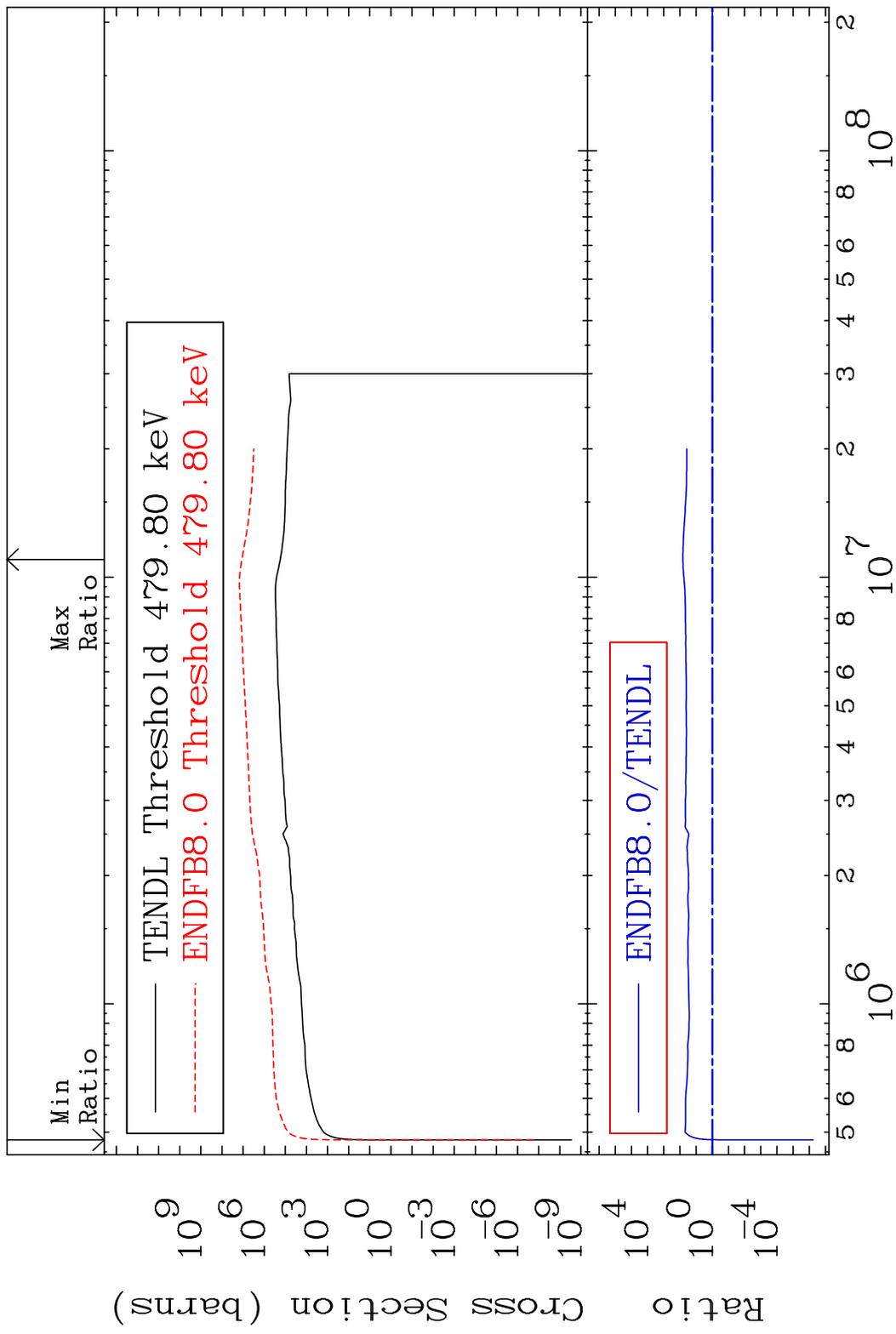
44-Ru-102  
-99.87 To 9999. %



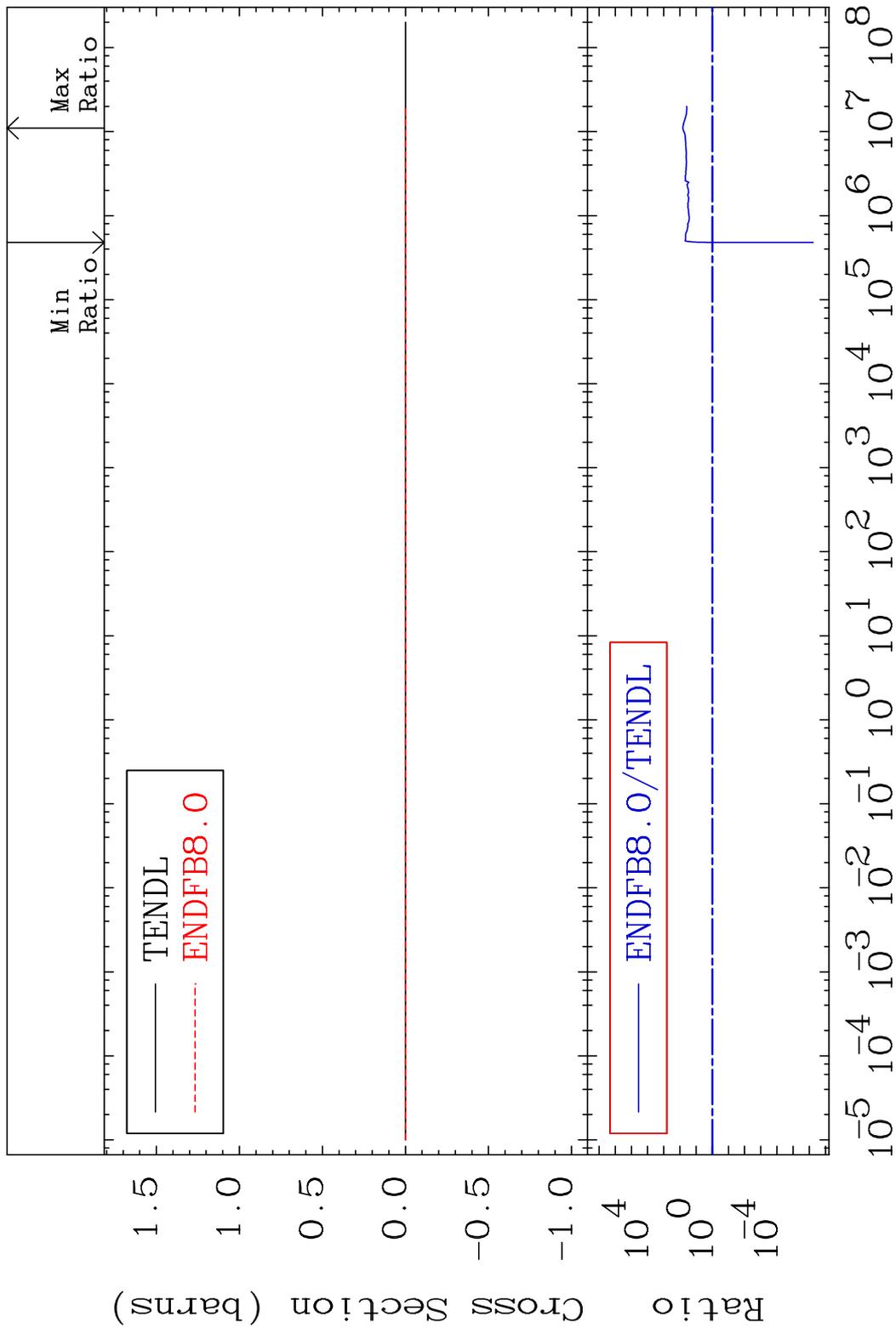
MAT 4443 Kerma non-elastic (all but mt2) 44-Ru-102  
 Cross Section 660.4 To 9999. %



MAT 4443 Kerma inelastic (mt51-91) 44-Ru-102  
 Cross Section -100.0 To 6514. %

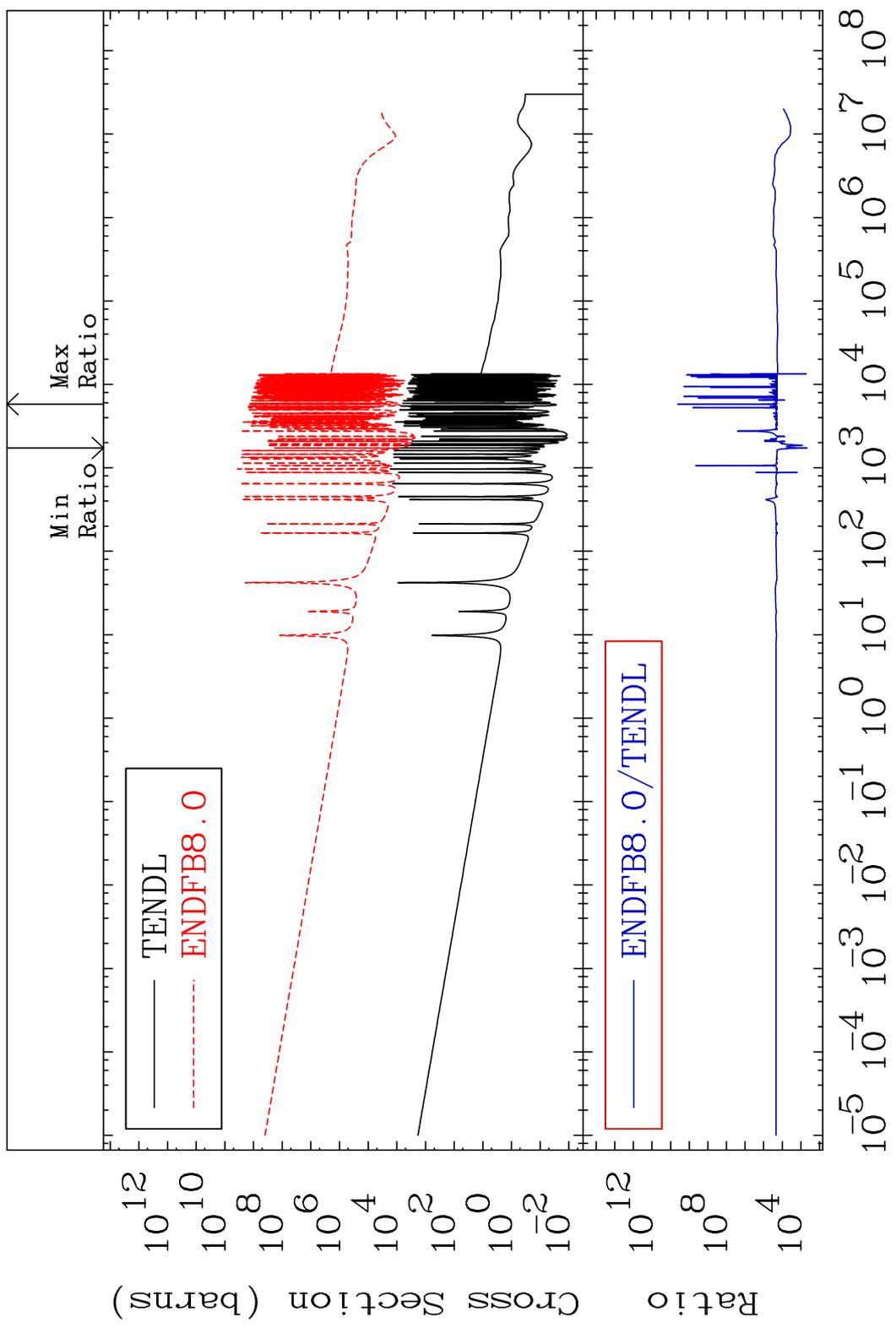


MAT 4443 Kerma fission (mt18 or mt19-20-21-38) 44-Ru-102  
 Cross Section -100.0 To 6514. %

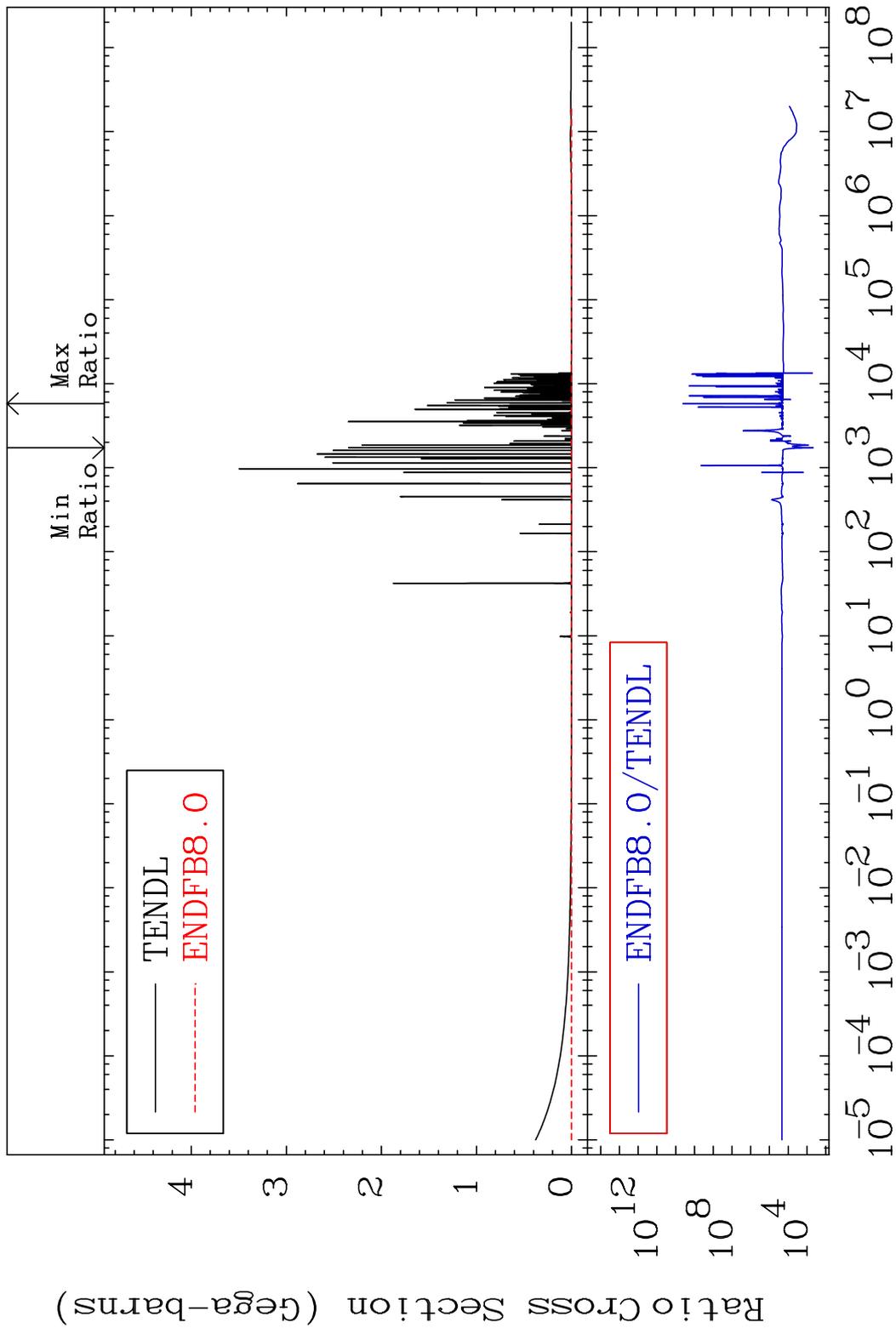


MAT 4443

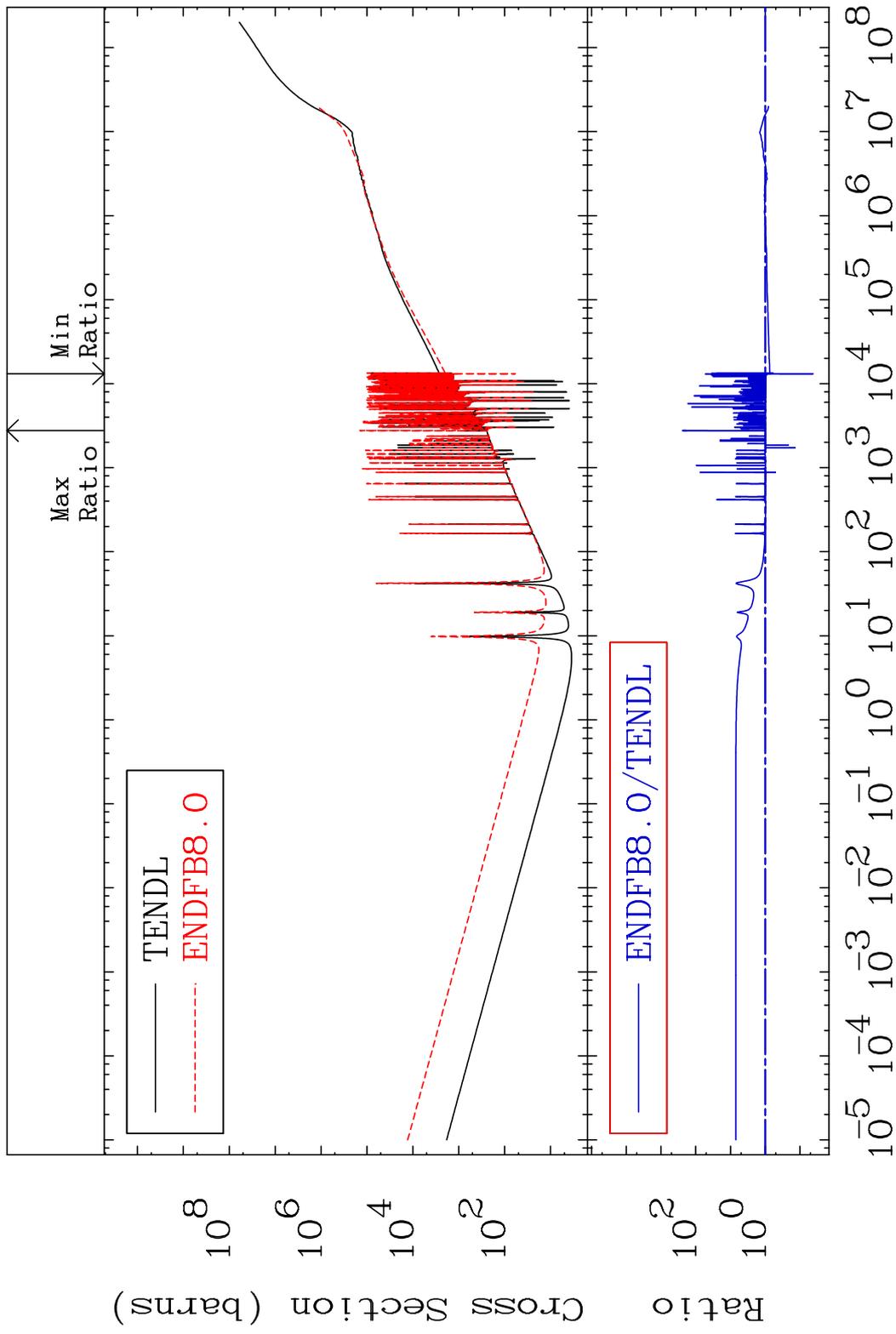
Kerma capture (mt102) 44-Ru-102  
Cross Section 9999. To 9999. %



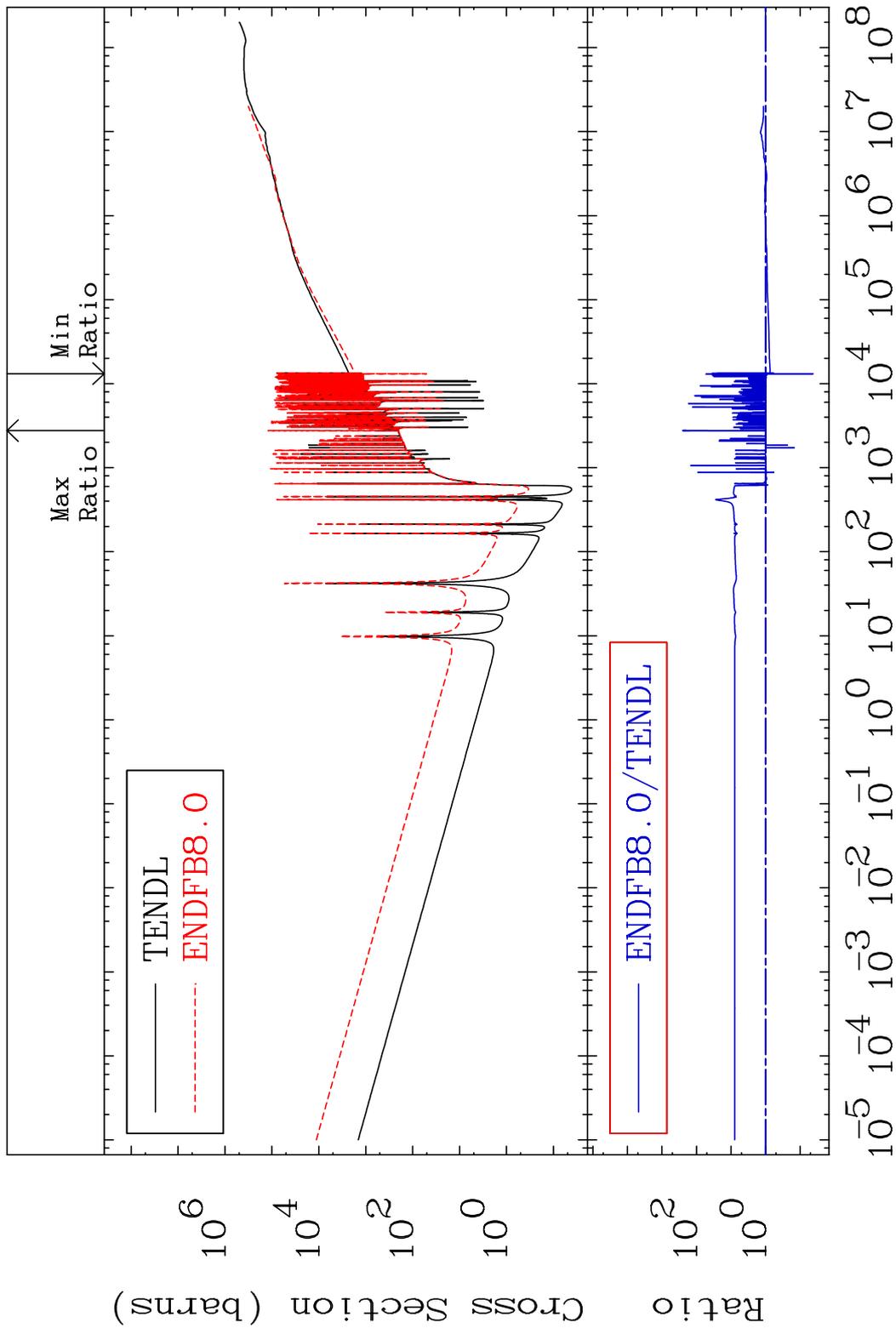
MAT 4443 Total photon (eV-barns) 44-Ru-102  
 Cross Section 9999. To 9999. %



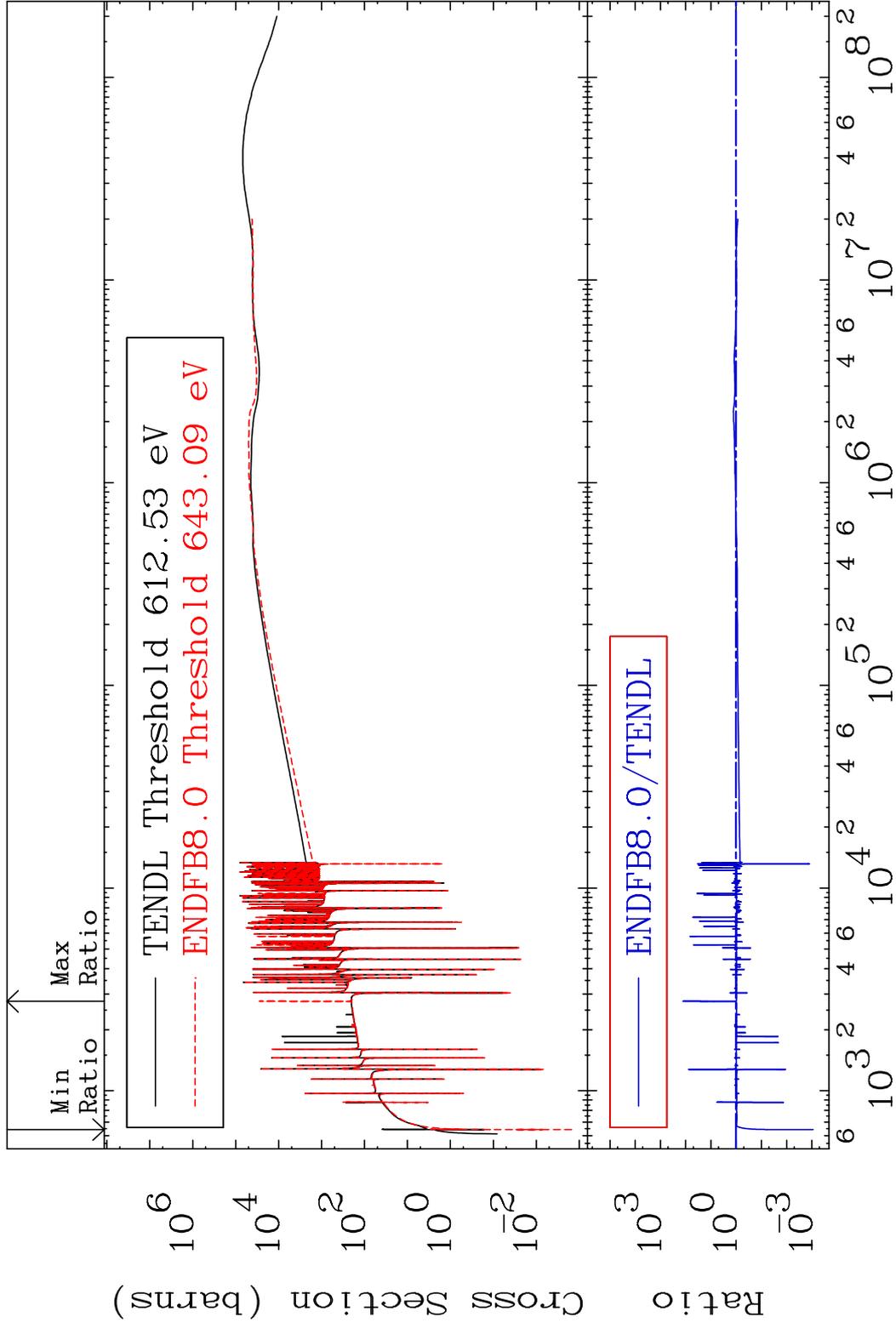
MAT 4443 Total kinematic kerma (high limit) 44-Ru-102  
 Cross Section -95.82 To 9999. %



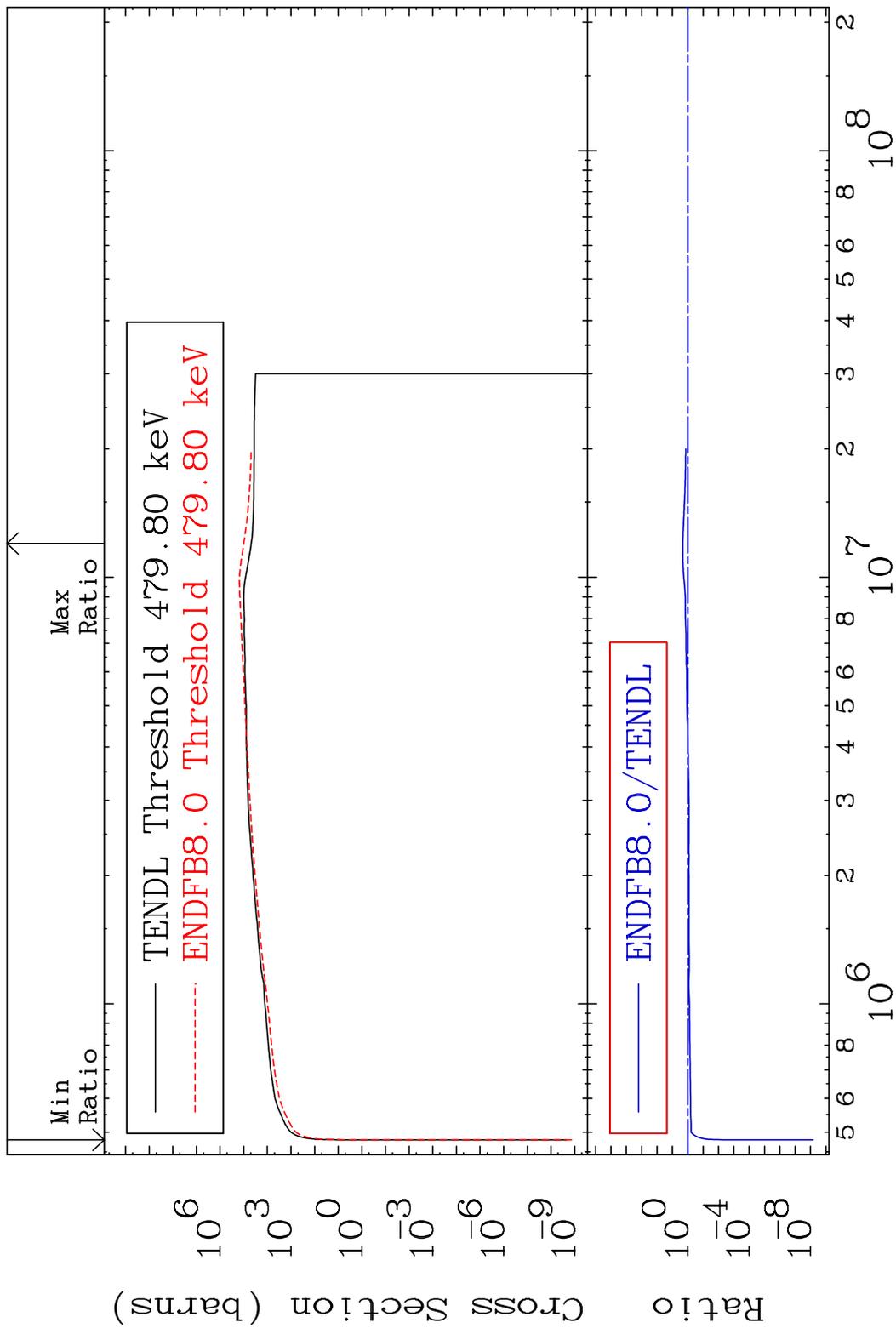
MAT 4443      Dpa total (eV-barns)      44-Ru-102  
 Cross Section      -95.81 To 9999. %



MAT 4443      Dpa elastic (mt2)      44-Ru-102  
 Cross Section      -99.91 To 9999. %



MAT 4443 Dpa inelastic (mt51-91) 44-Ru-102  
 Cross Section -100.0 To 108.8 %



MAT 4443 Dpa disappearance (mt102 -120) 44-Ru-102  
 Cross Section -81.71 To 9999. %

