

Program Complot  
(Version 2021-1)

by

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Press Mouse Button to Start

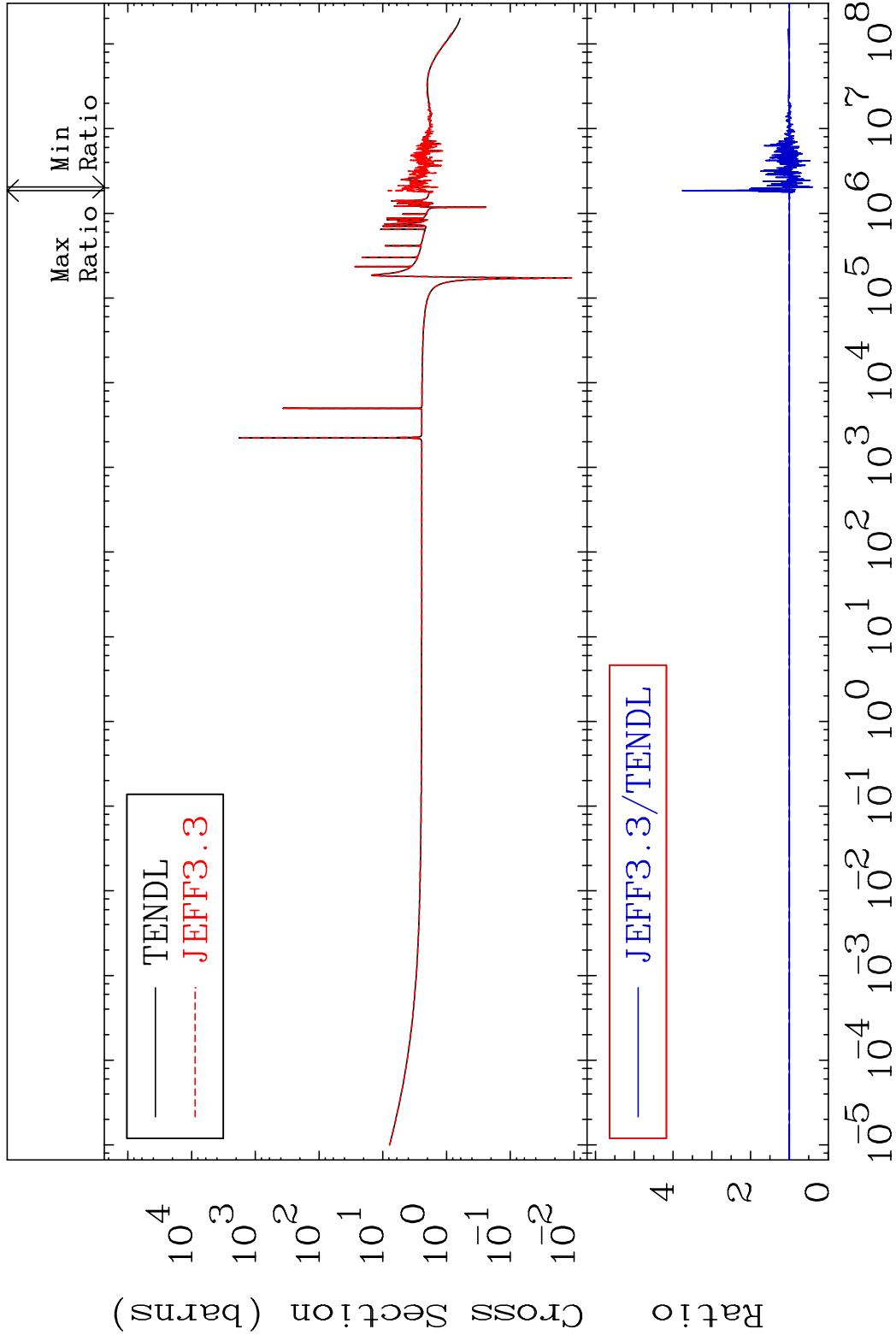
MAT 1431

Total

14-Si-30

Cross Section

-59.69 To 276.2 %



1

Incident Energy (eV)

14-Si-30

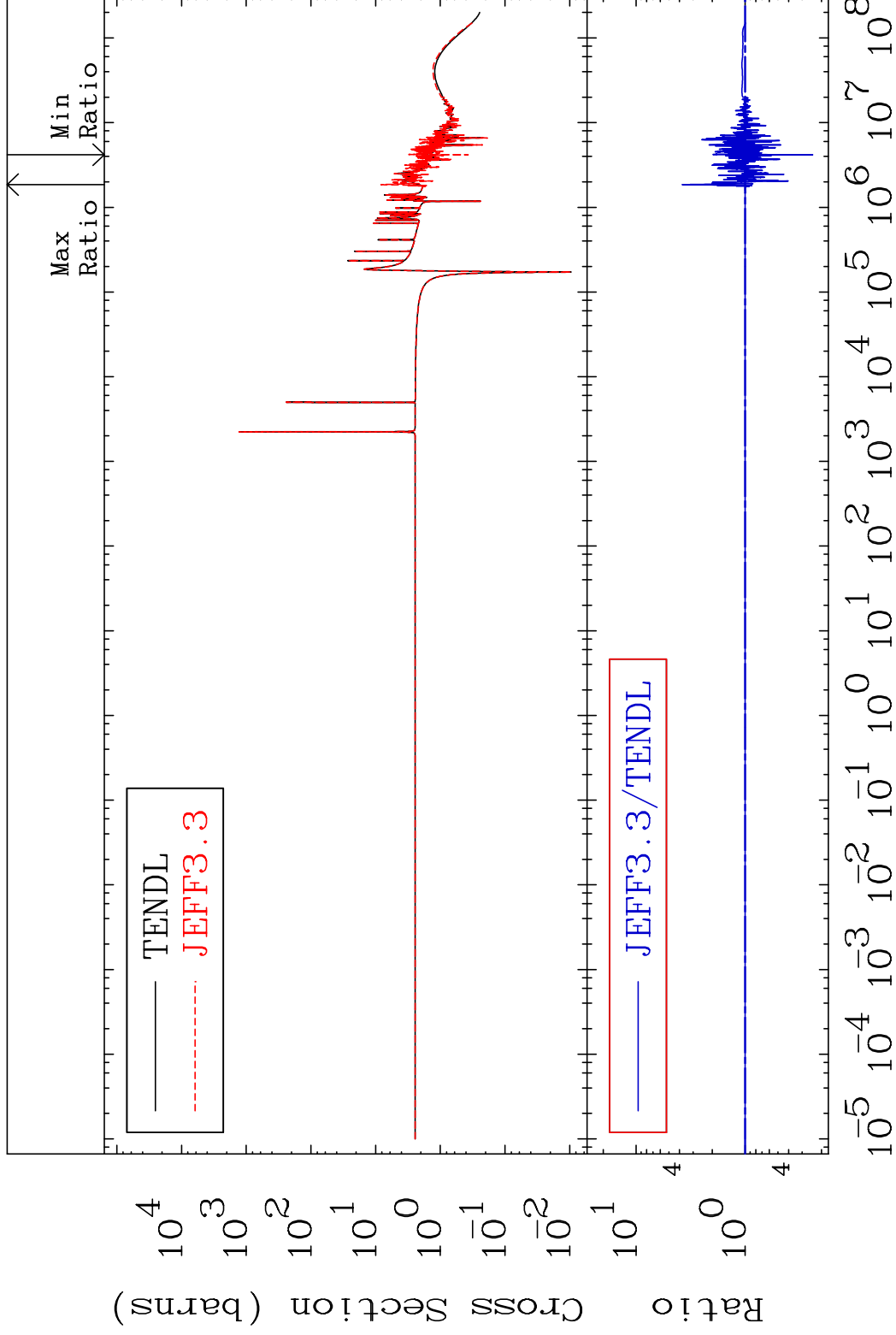
MAT 1431

Elastic

14-Si-30

Cross Section

-75.88 To 276.3 %

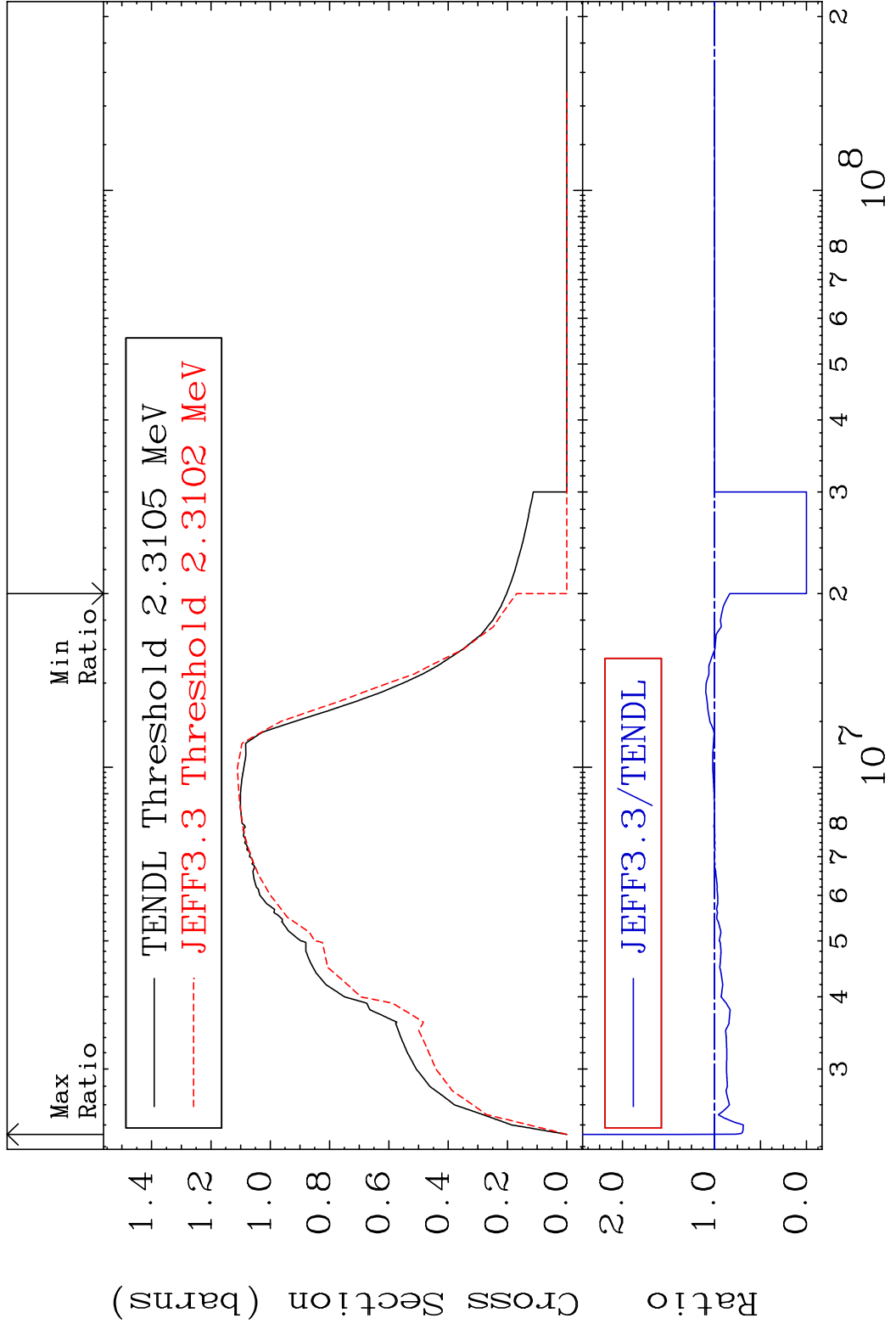


2

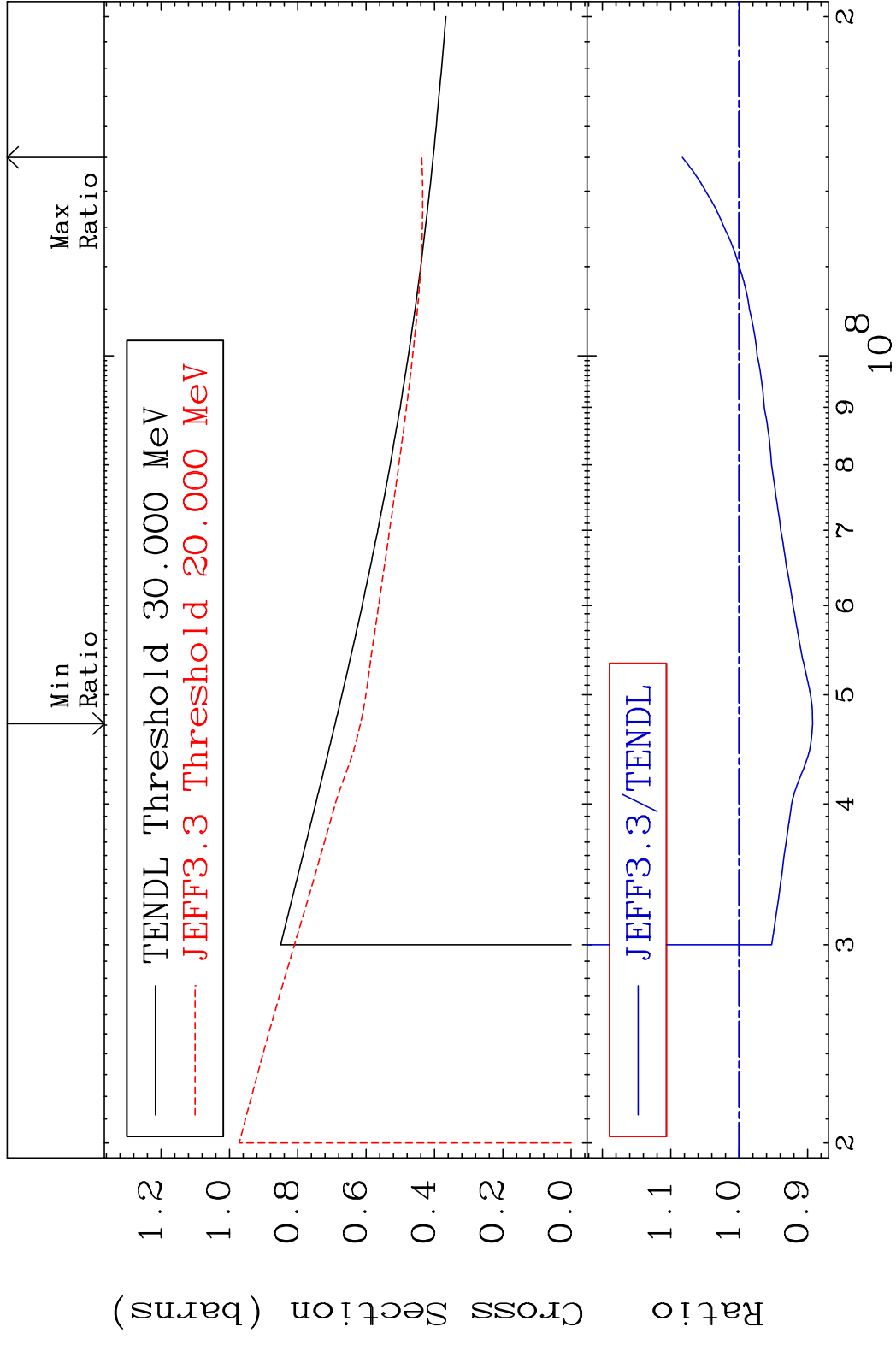
Incident Energy (eV)

14-Si-30

MAT 1431 Inelastic Cross Section -100.0 To 40.56 % 14-Si-30

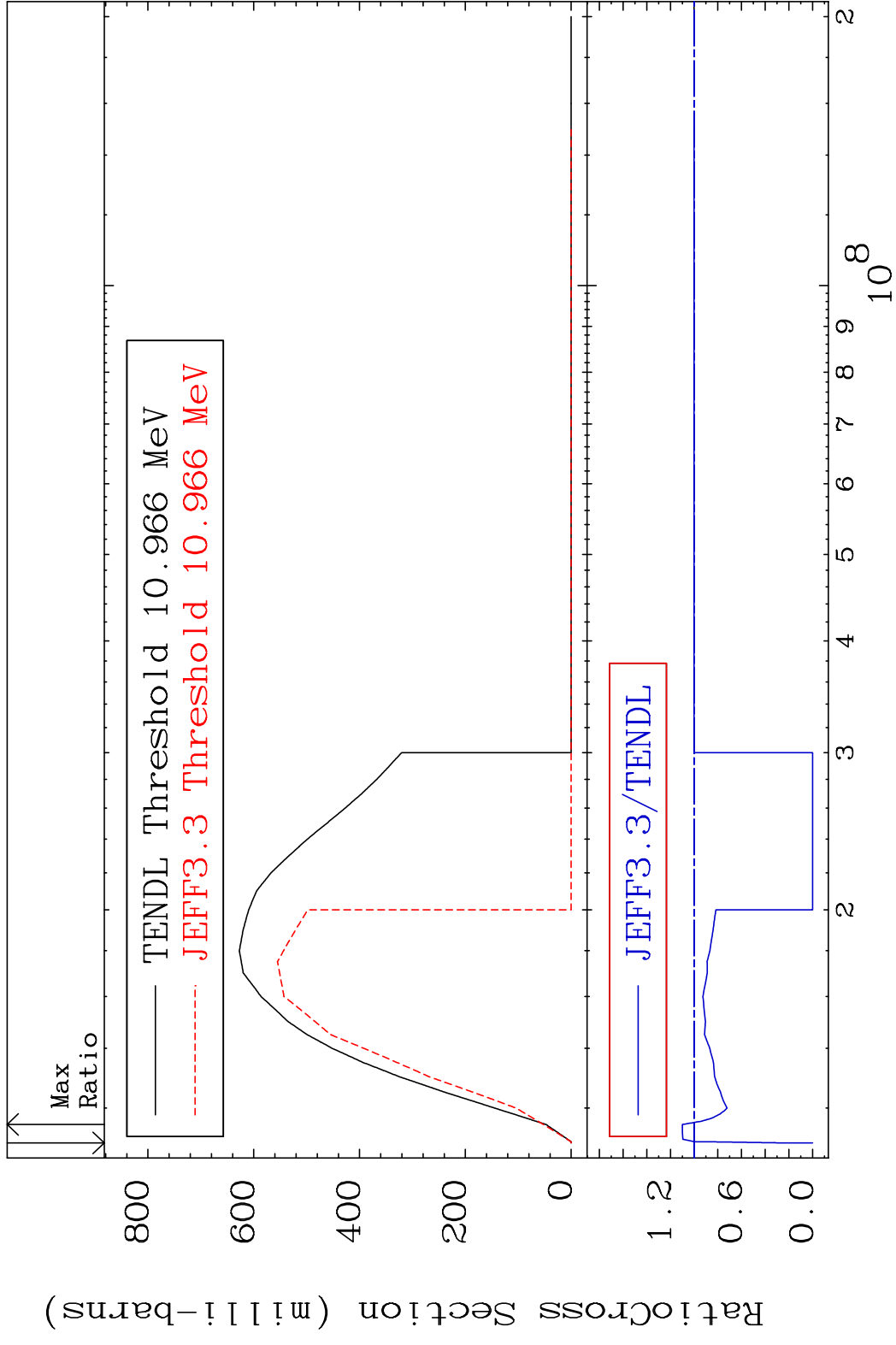


MAT 1431 (n, remainder) 14-Si-30  
 Cross Section -10.74 To 8.306 %

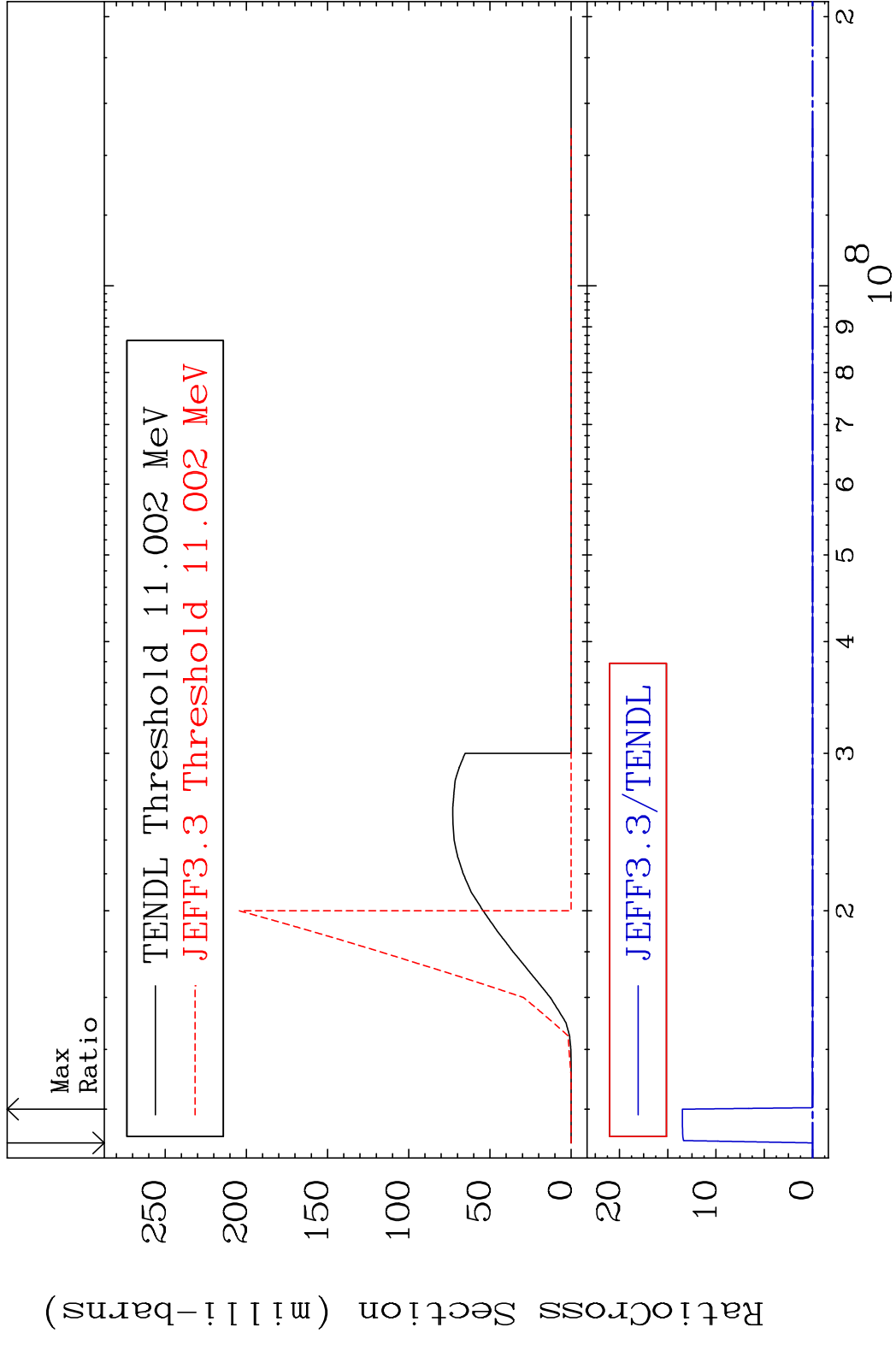


4 Incident Energy (eV) 14-Si-30

MAT 1431 (n,2n) 14-Si-30  
 Cross Section -100.0 To 9.941 %



MAT 1431 (n, n')  $\alpha$  14-Si-30  
 Cross Section -100.0 To 9999. %

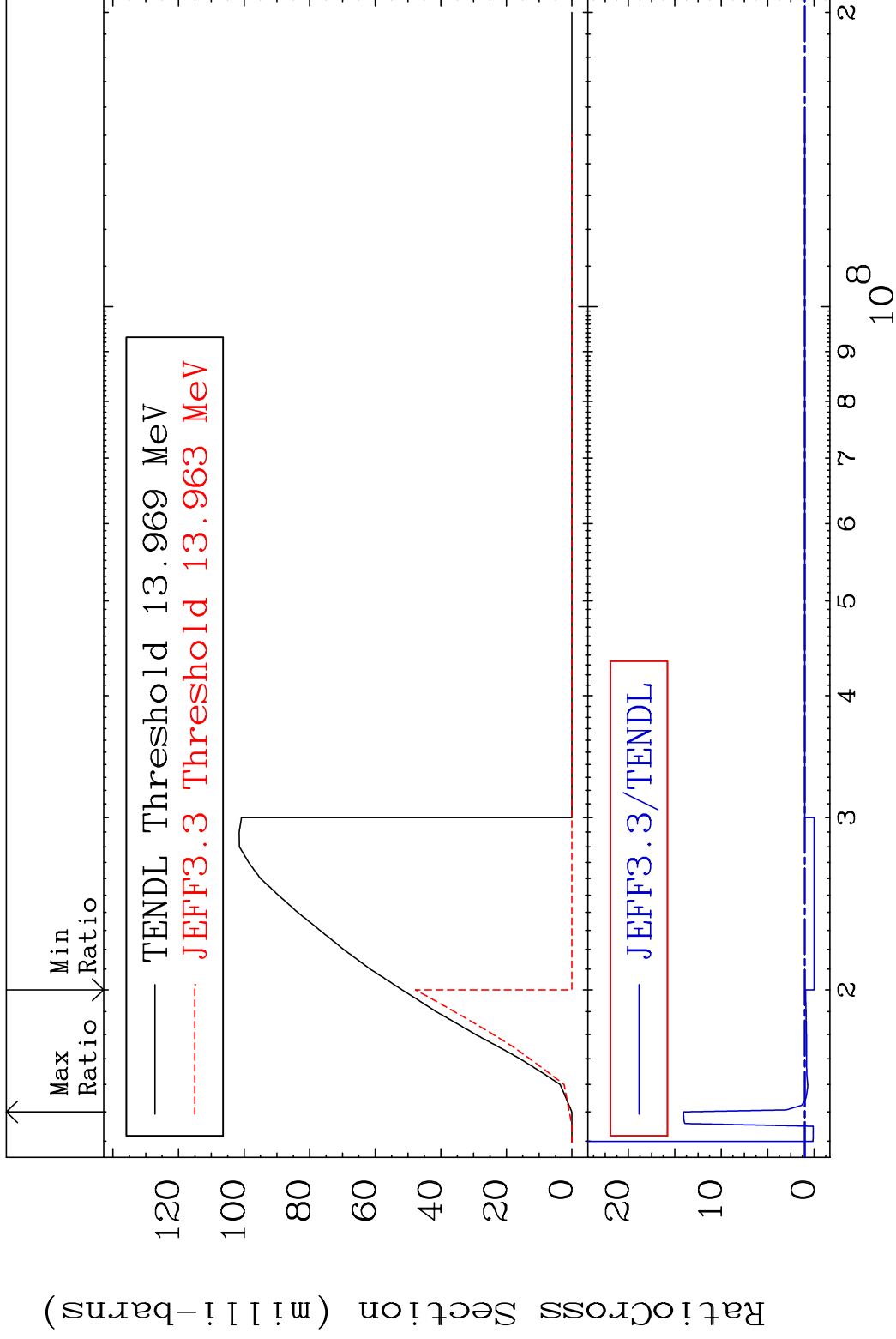


MAT 1431

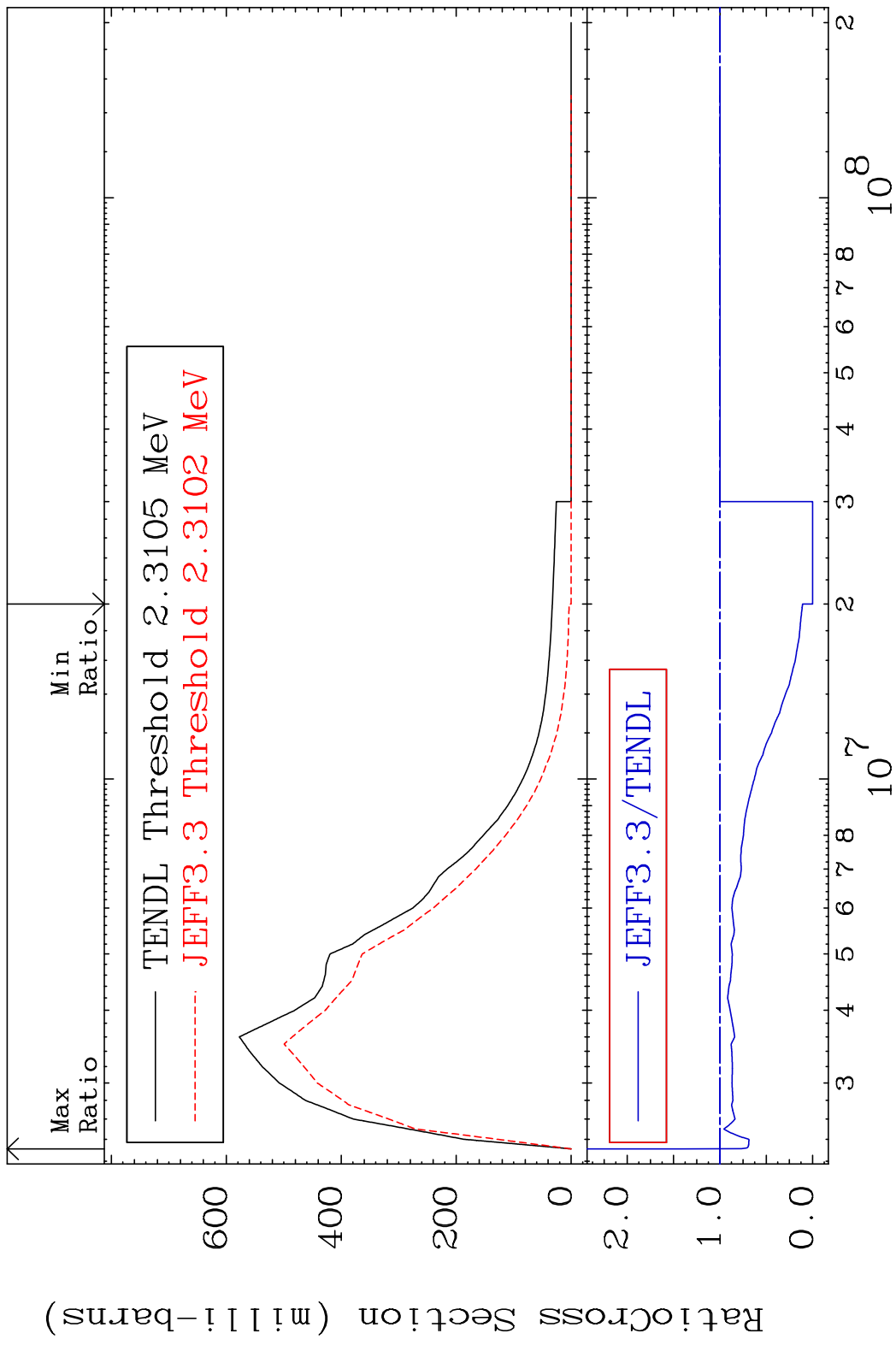
(n, n') p

<sup>14</sup>Si-30

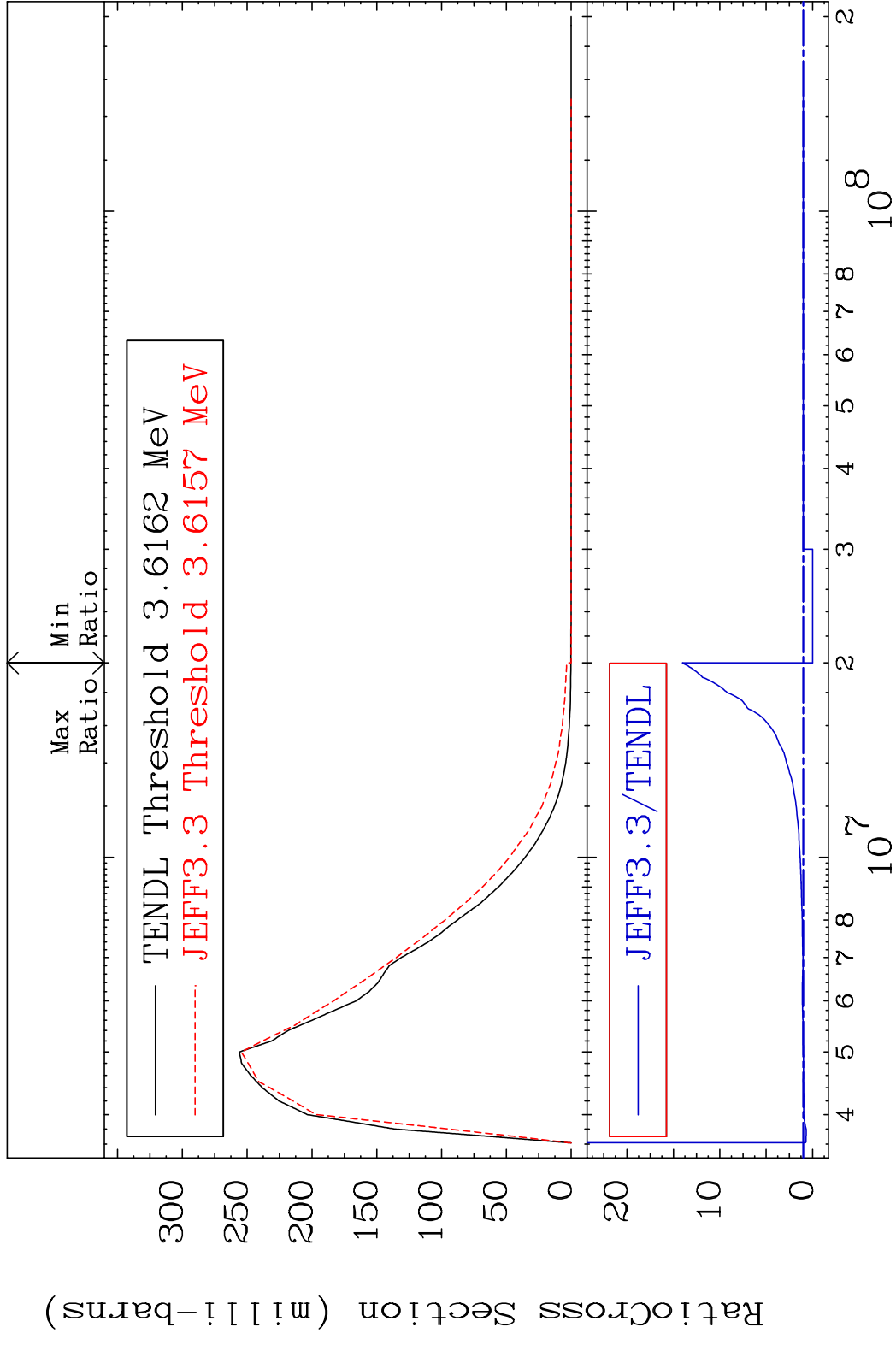
Cross Section -100.0 To 1307. %



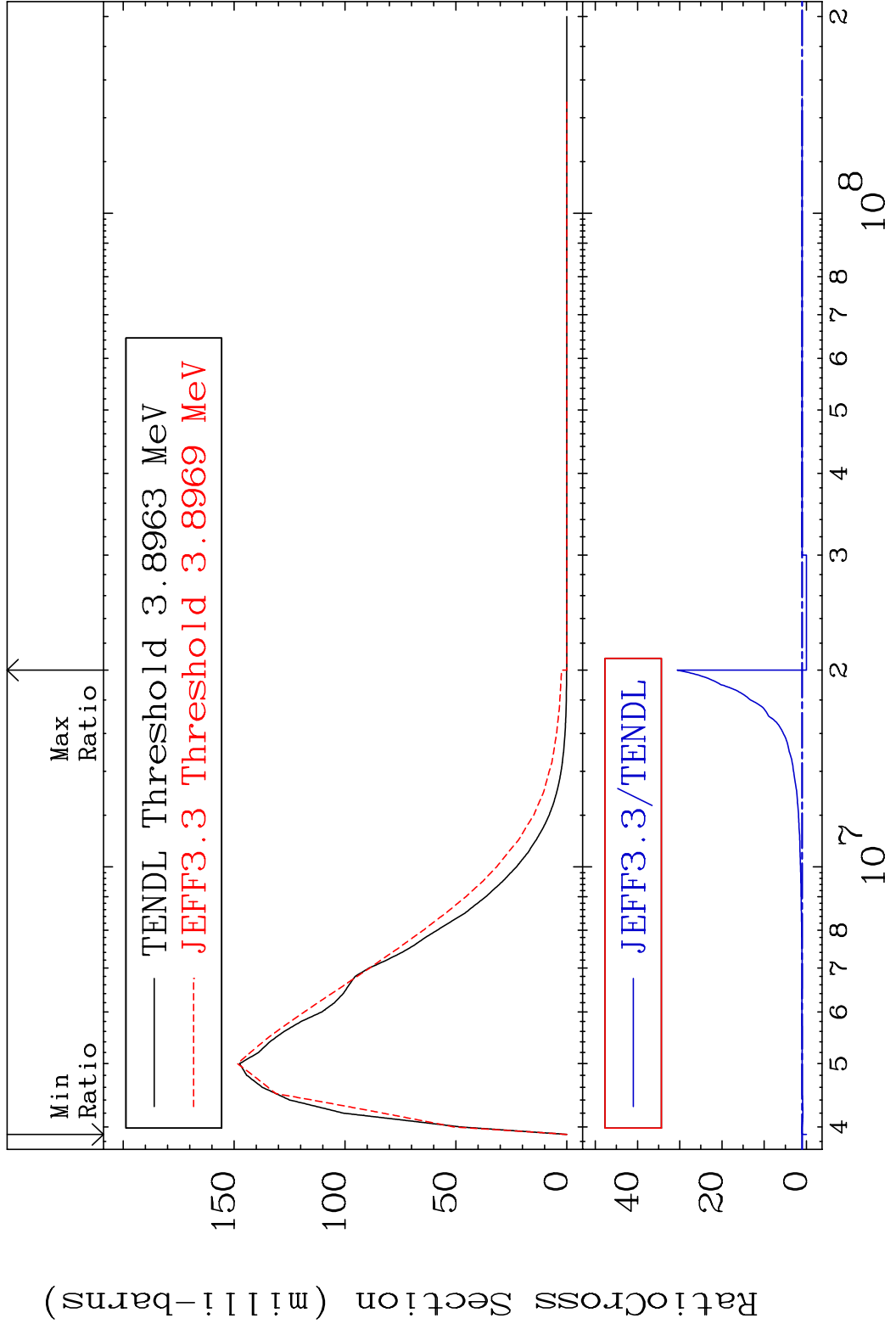
MAT 1431 MT= 51 (n,n') Level 14-Si-30  
 Cross Section -100.0 To 40.56 %



MAT 1431 MT= 52 (n, n') Level 14-Si-30  
 Cross Section -100.0 To 1303. %

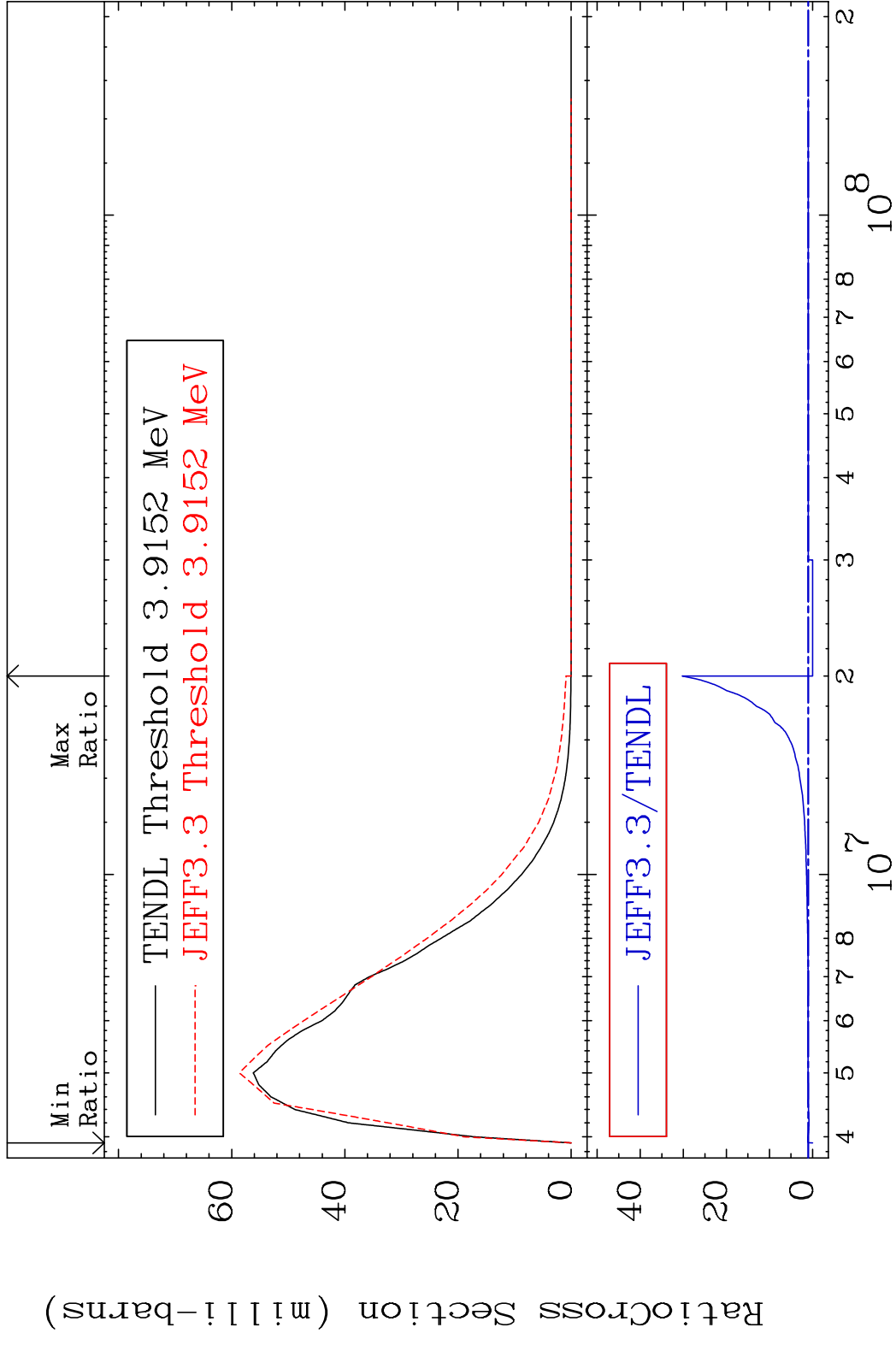


MAT 1431 MT= 53 (n, n') Level 14-Si-30  
 Cross Section -100.0 To 2961. %

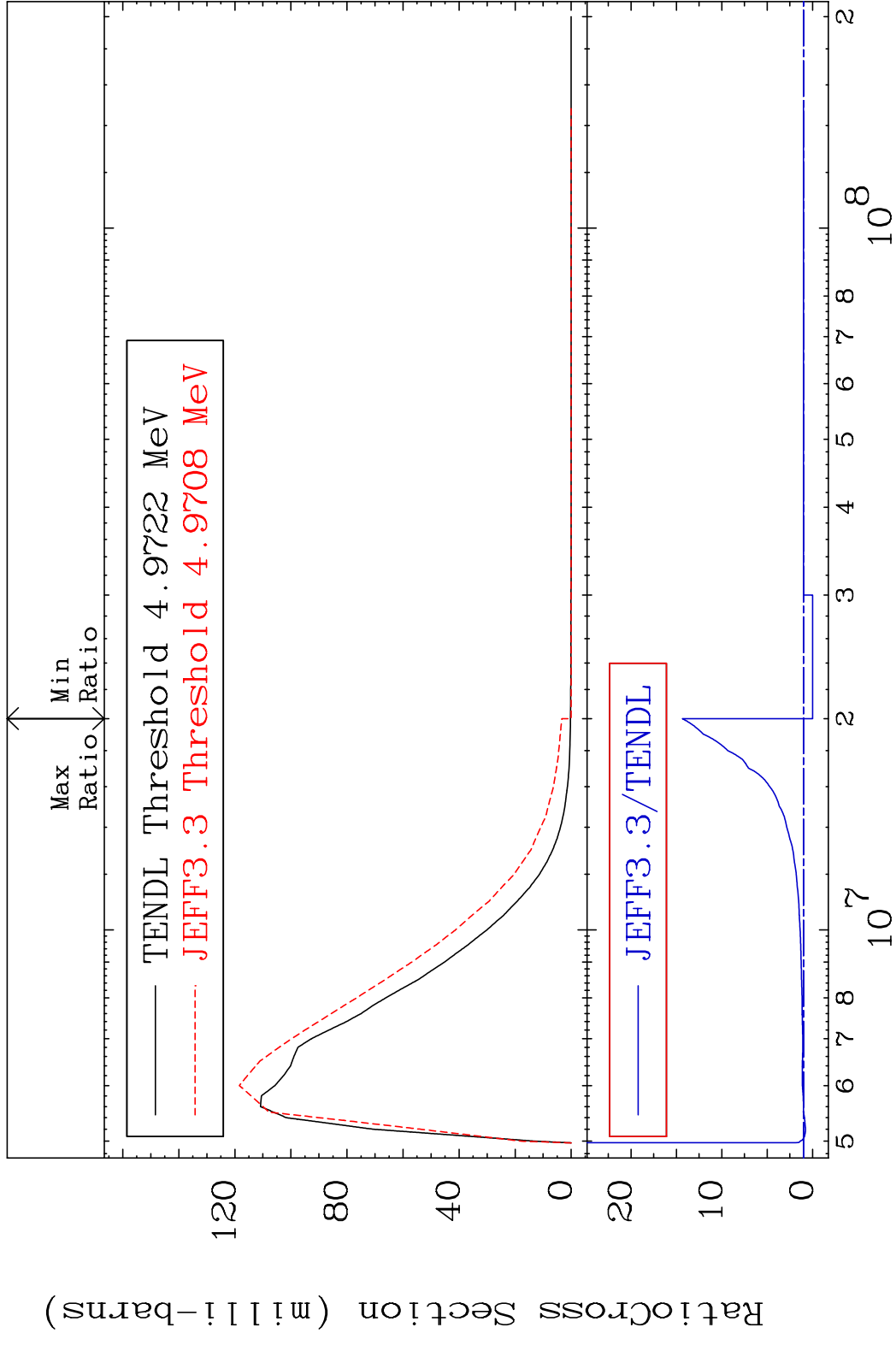


10 Incident Energy (eV) 14-Si-30

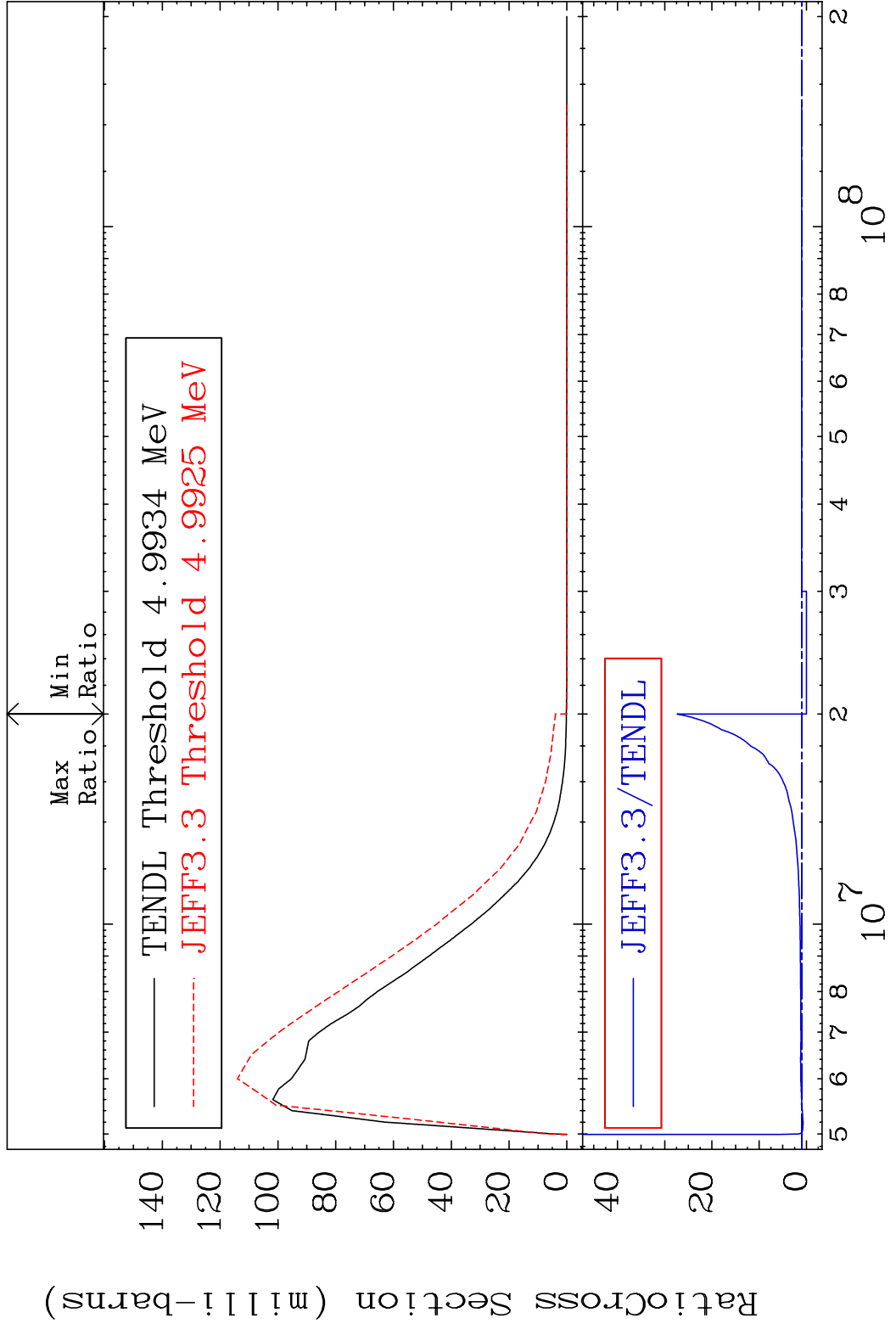
MAT 1431 MT= 54 (n, n') Level 14-Si-30  
 Cross Section -100.0 To 2923. %



MAT 1431 MT= 55 (n, n') Level 14-Si-30  
 Cross Section -100.0 To 1335. %



MAT 1431 MT= 56 (n,n') Level 14-Si-30  
 Cross Section -100.0 To 2635. %

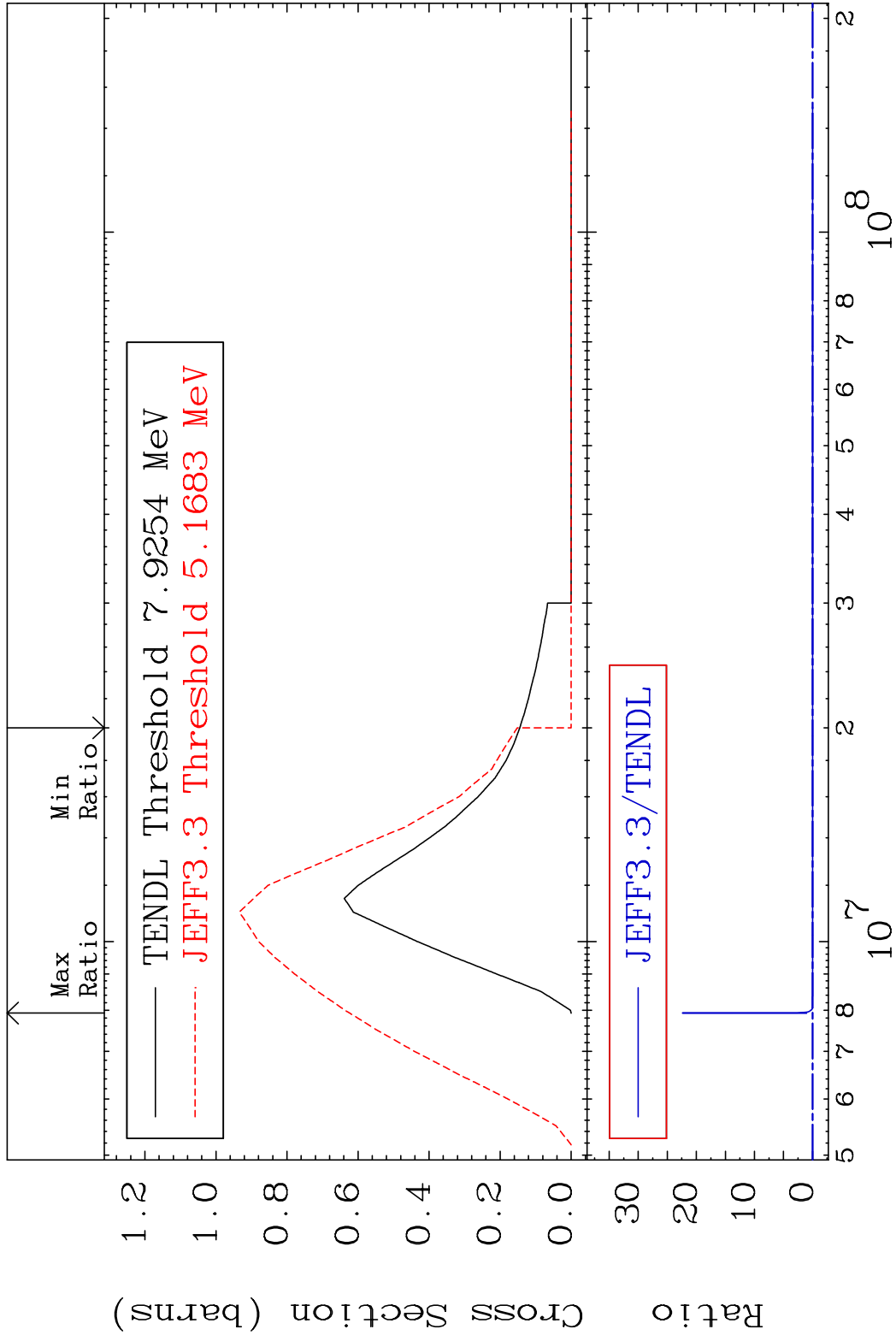


MAT 1431

(n,n') Continuum

<sup>14</sup>Si-30

Cross Section -100.0 To 9999. %



14

Incident Energy (eV)

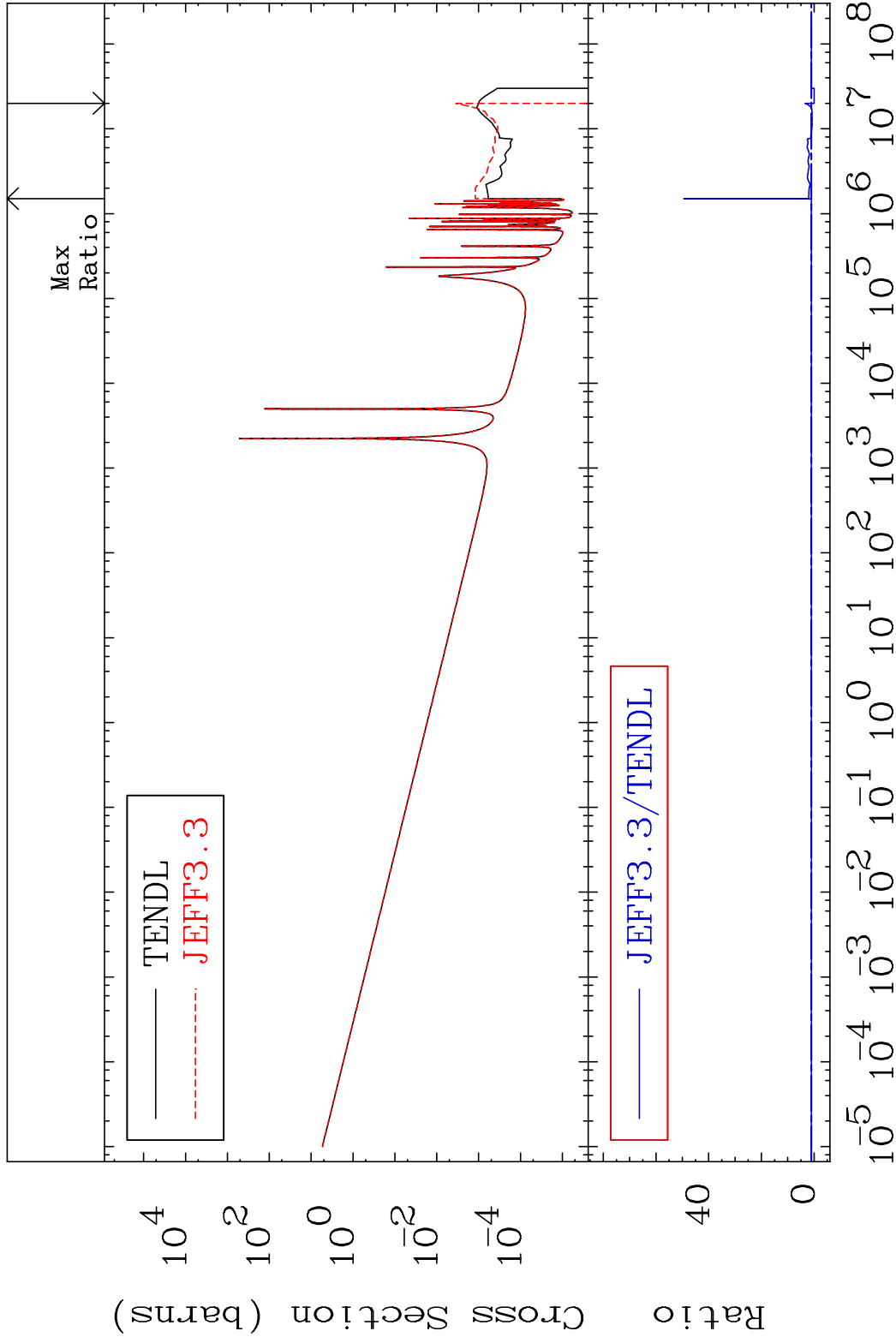
<sup>14</sup>Si-30

MAT 1431

(n,  $\gamma$ )

14-Si-30

Cross Section -100.0 To 4849. %



15

Incident Energy (eV)

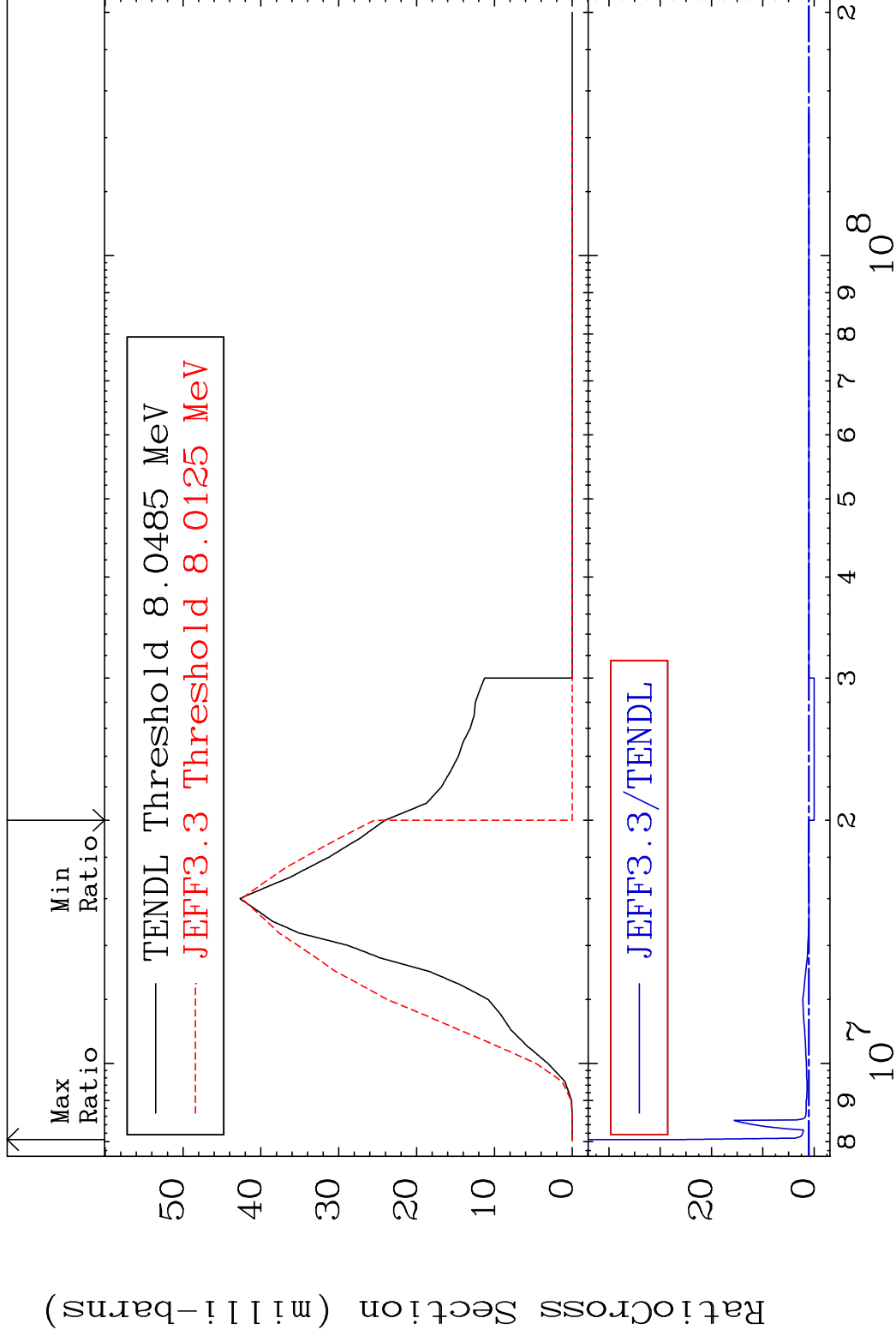
14-Si-30

MAT 1431

(n,p)

<sup>14</sup>Si-30

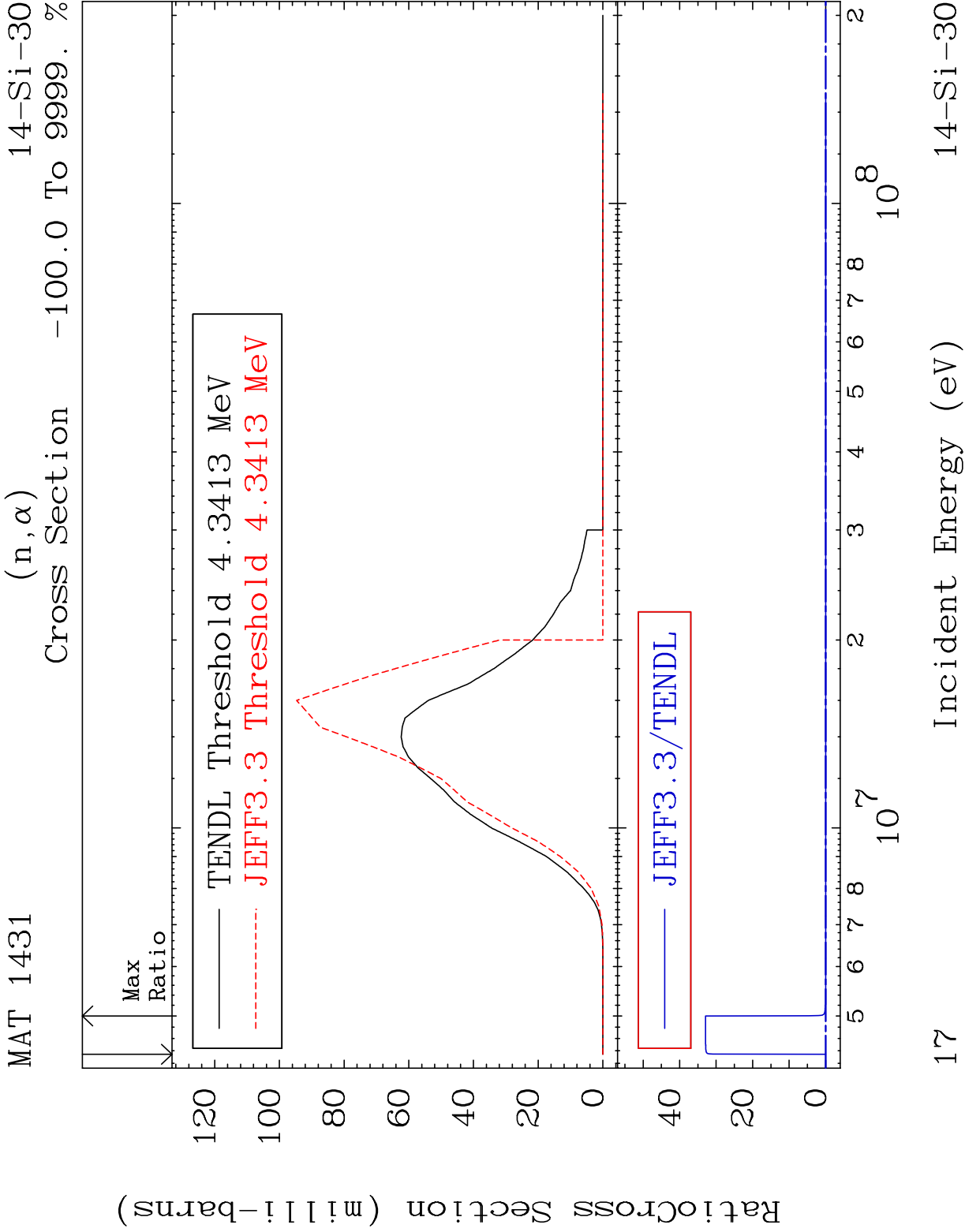
Cross Section -100.0 To 2443. %



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Incident Energy (eV)

<sup>14</sup>Si-30

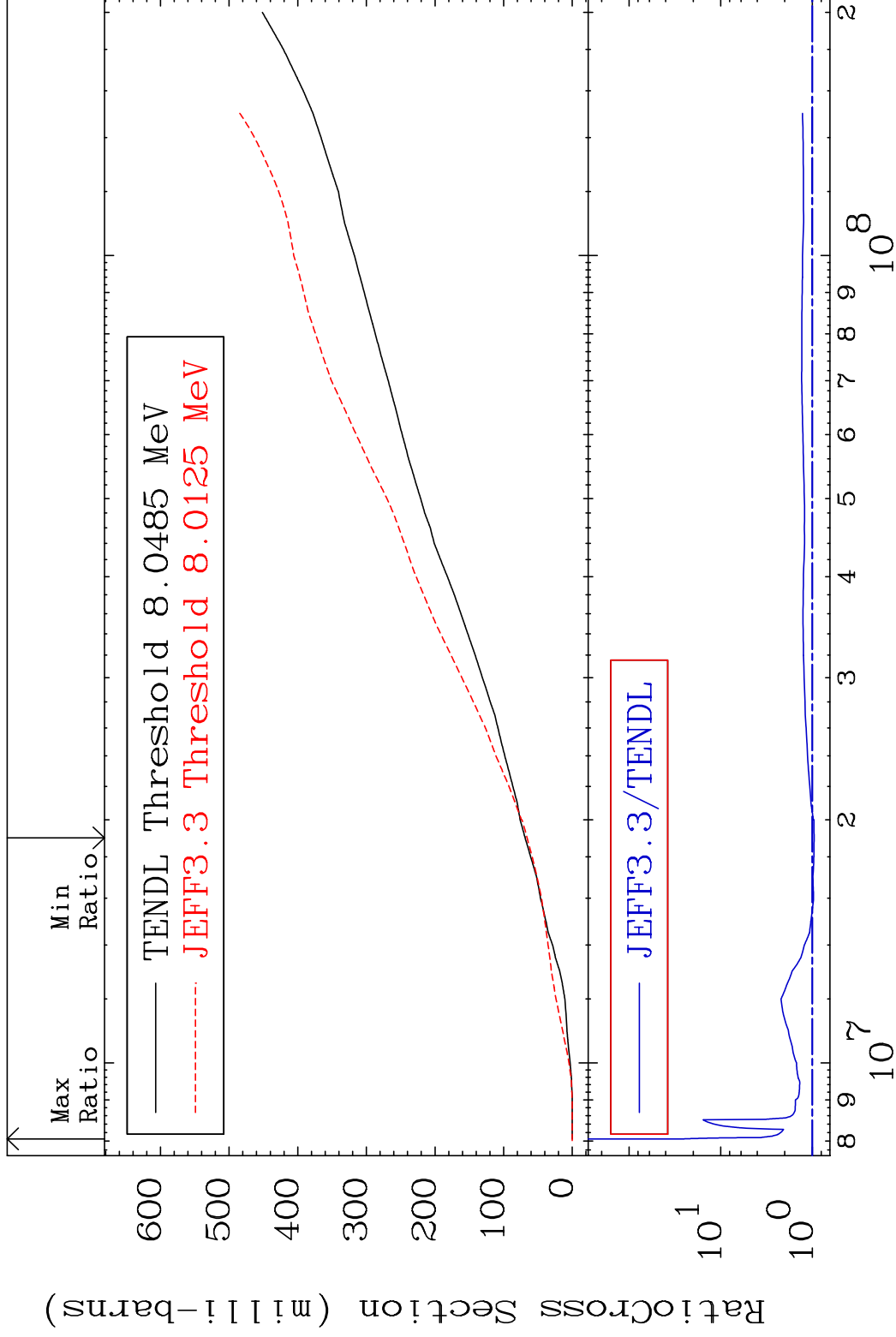


MAT 1431

Hydrogen Production

14-Si-30

Cross Section -4.295 To 2443. %

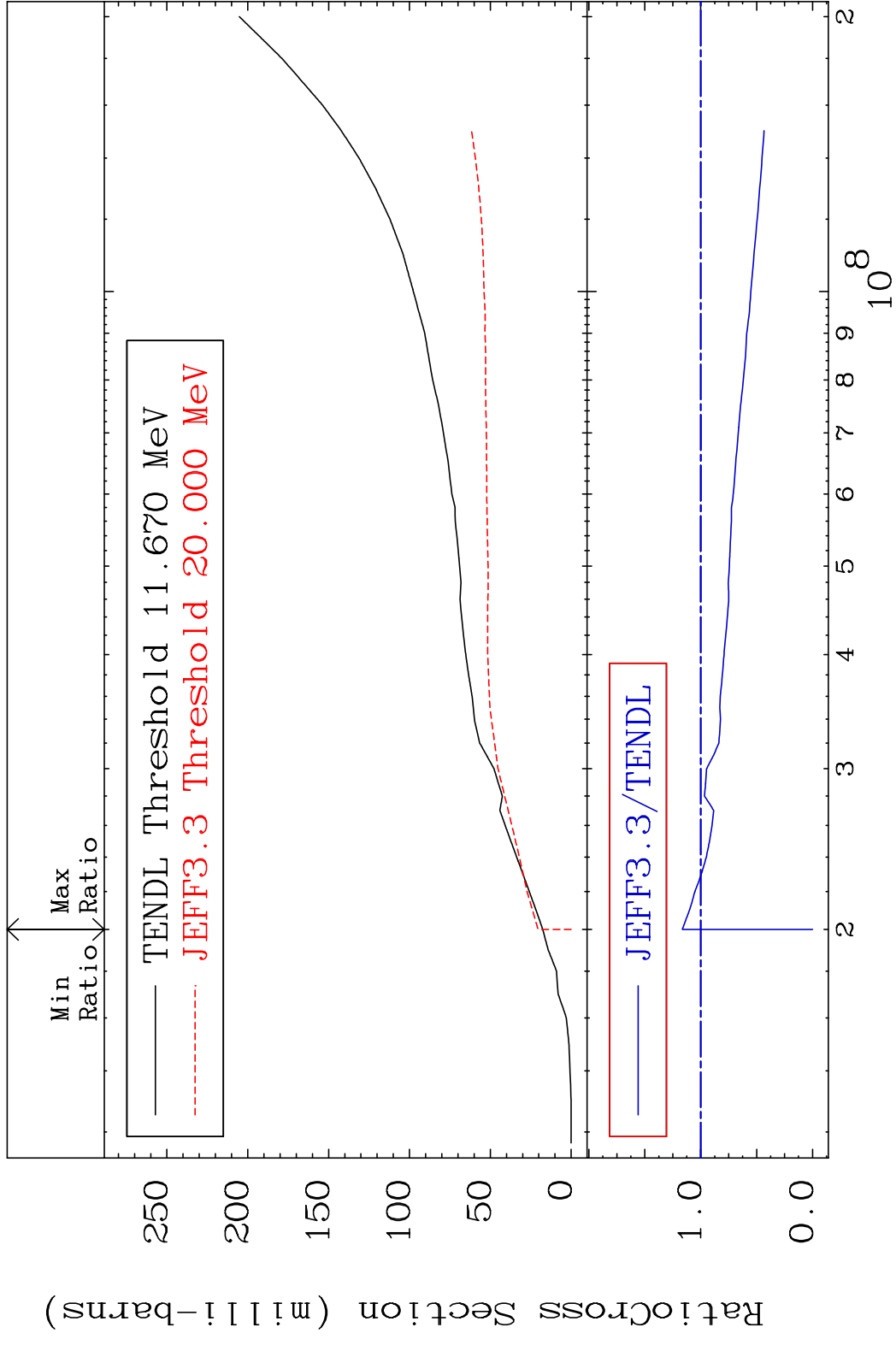


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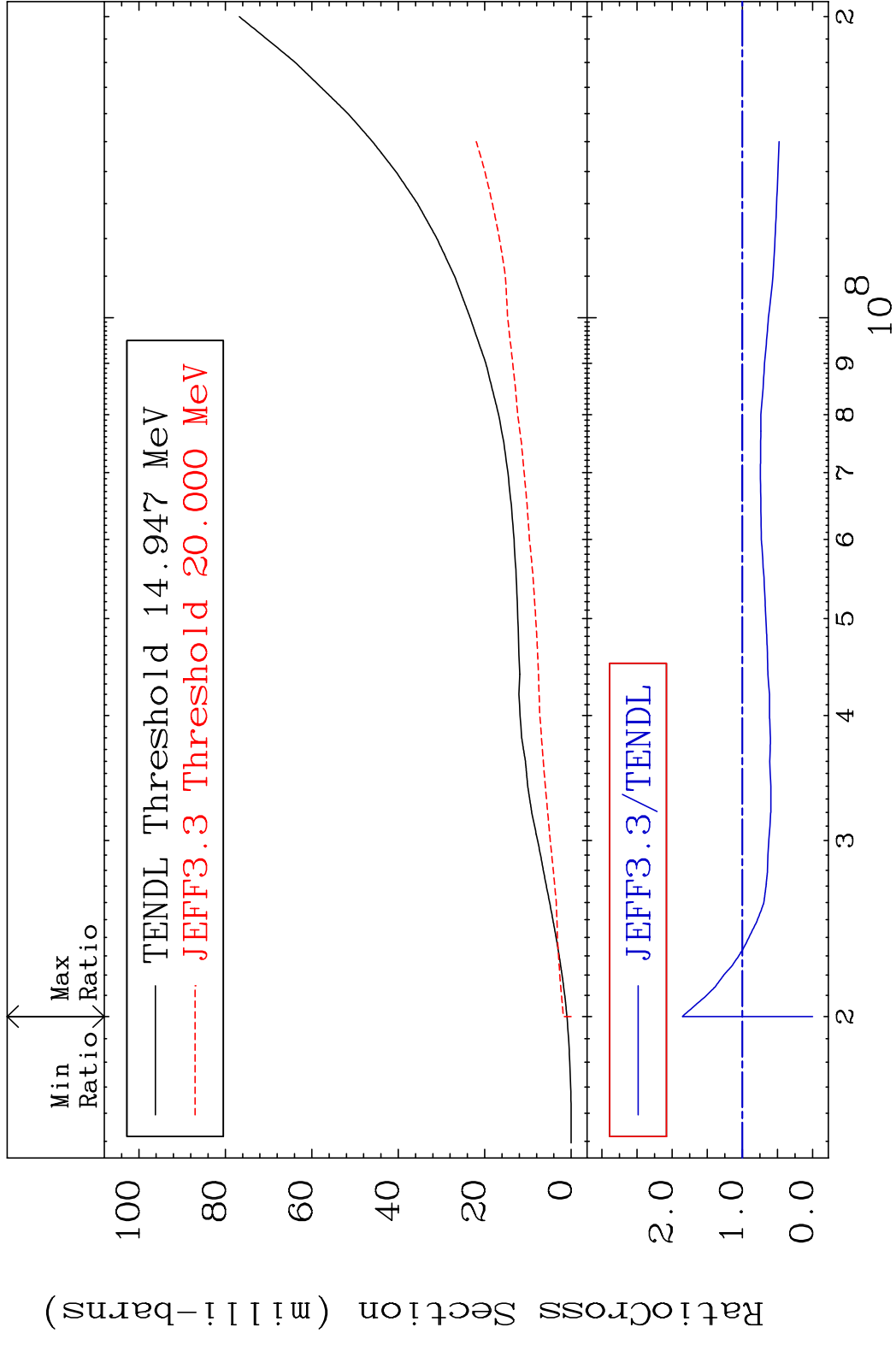
Incident Energy (eV)

14-Si-30

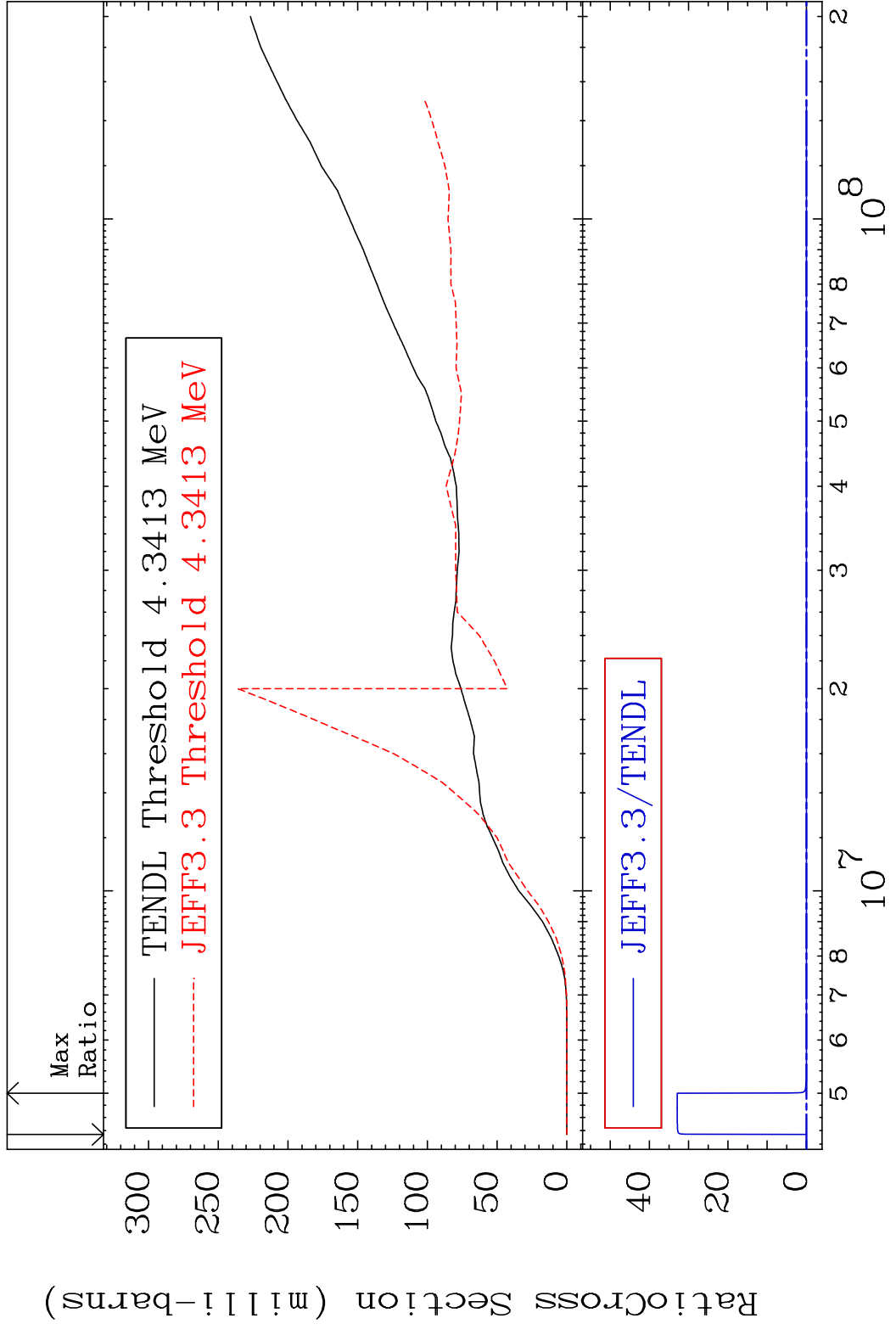
MAT 1431 Deuterium Production 14-Si-30  
 Cross Section -100.0 To 16.44 %



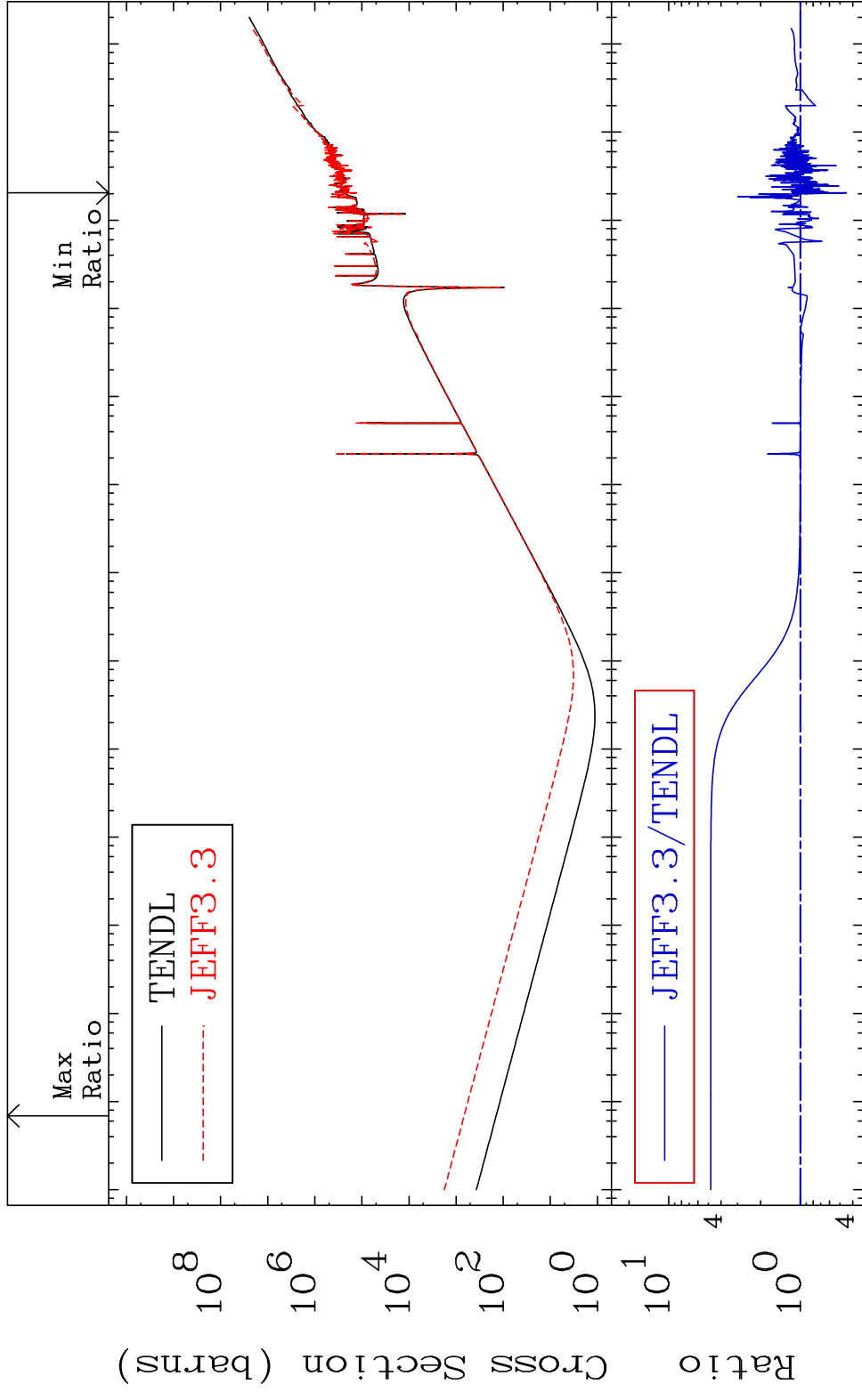
MAT 1431 Tritium Production 14-Si-30  
 Cross Section -100.0 To 85.43 %



MAT 1431 He-4 Production 14-Si-30  
 Cross Section -100.0 To 9999. %



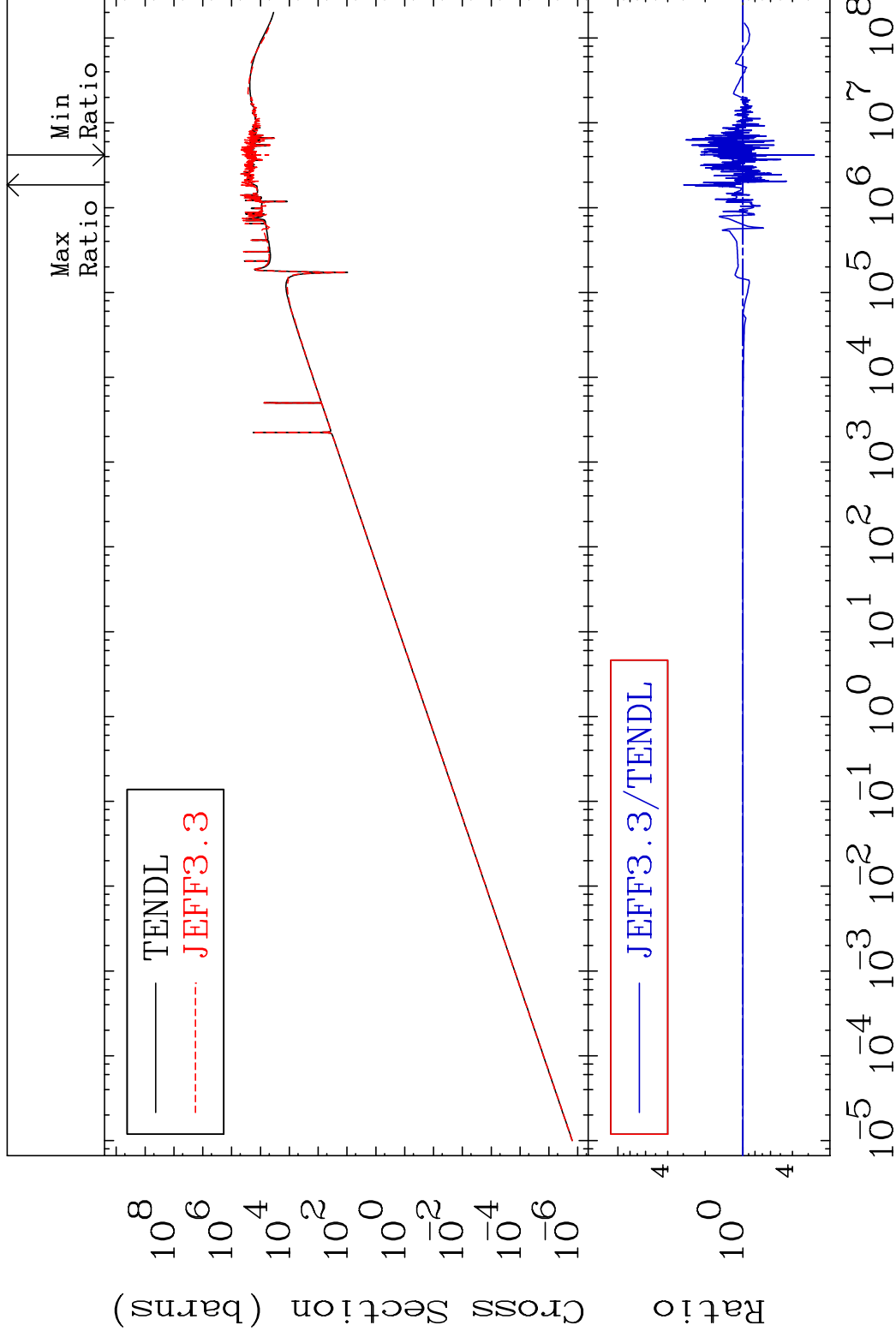
MAT 1431 Kerma total (eV-barns) 14-Si-30  
 Cross Section -55.29 To 379.4 %



MAT 1431

Kerma elastic  
Cross Section

14-Si-30  
-73.11 To 197.7 %

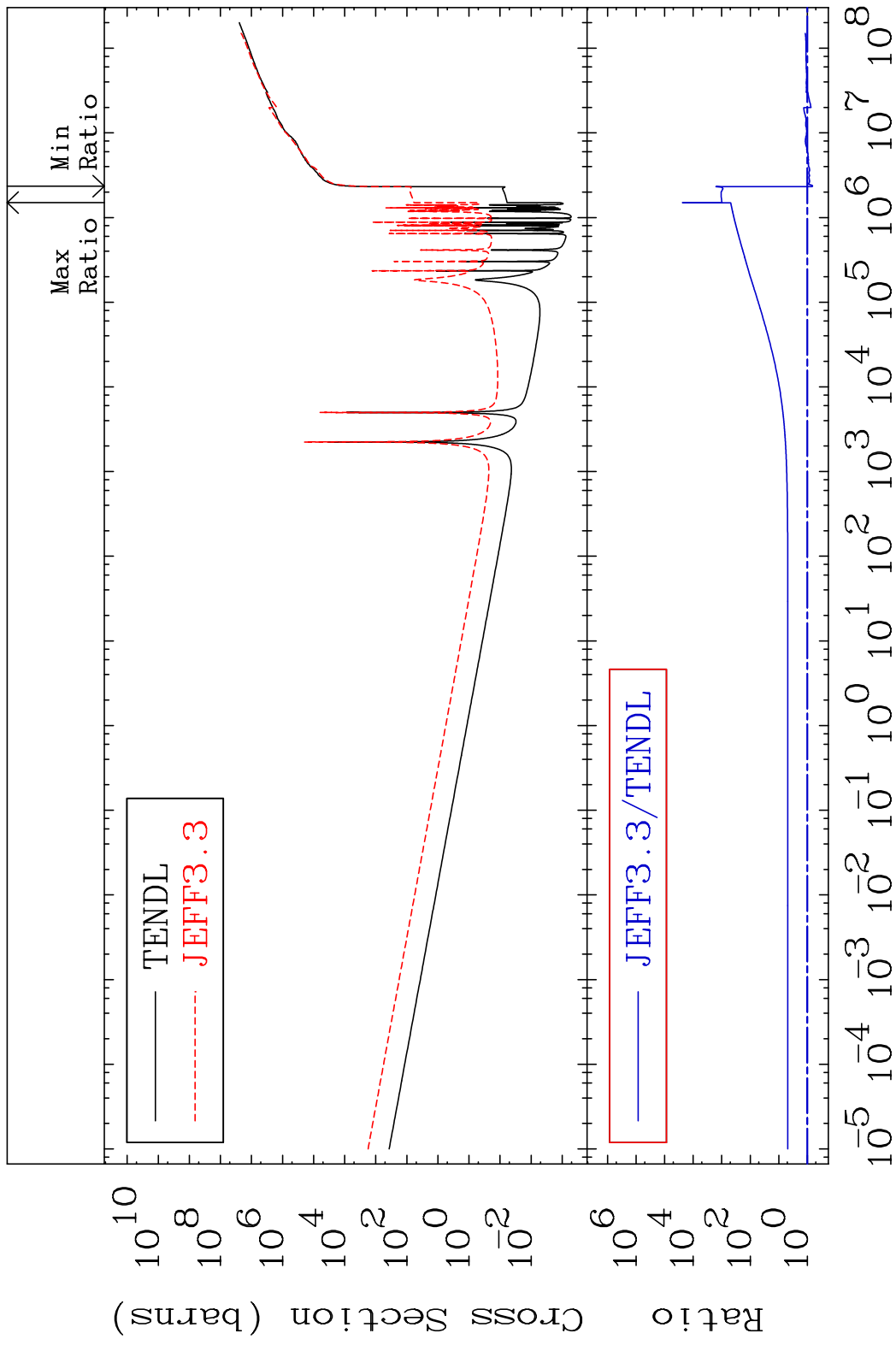


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Incident Energy (eV)

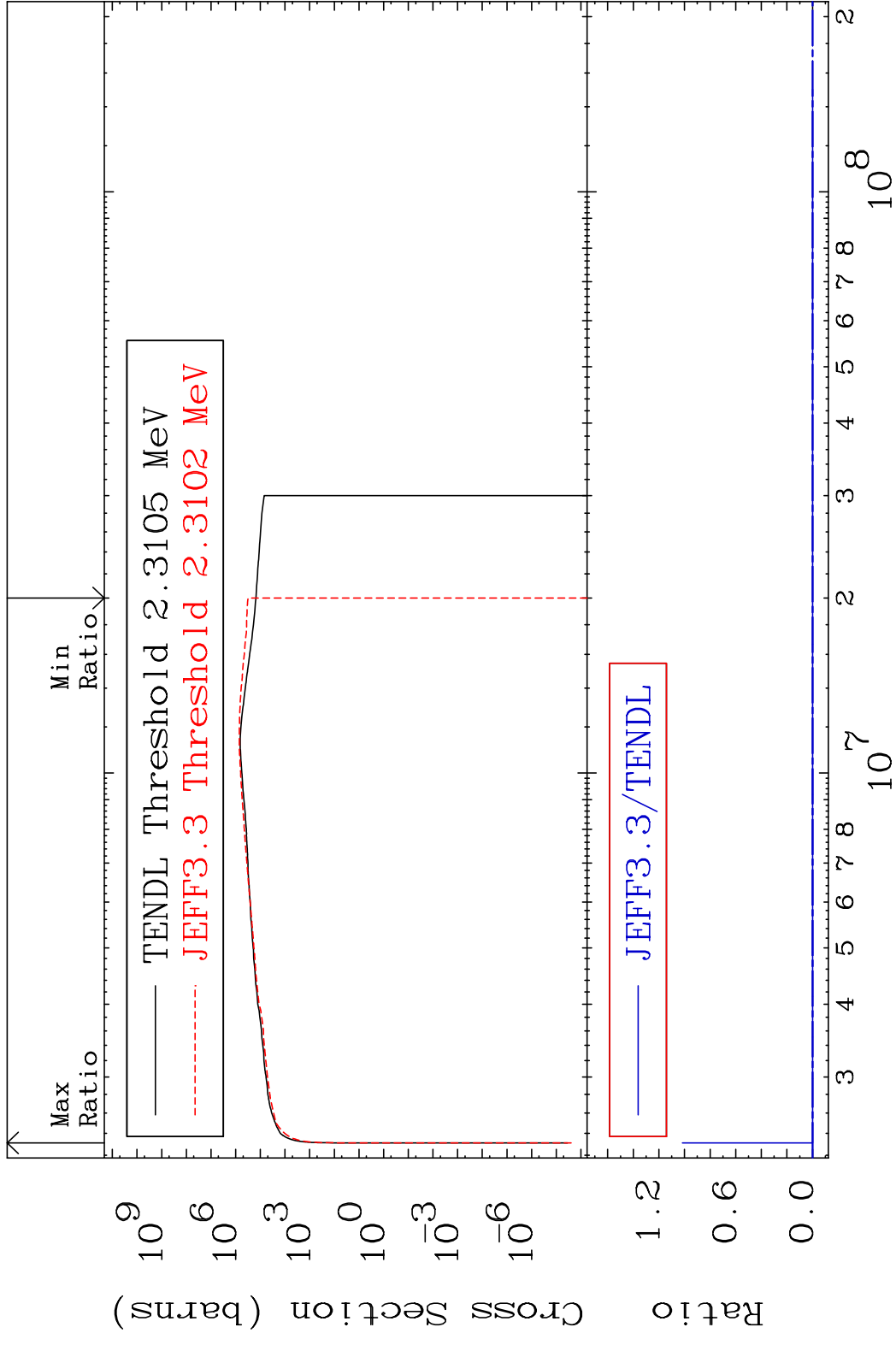
14-Si-30

MAT 1431 Kerma non-elastic (all but mt2) 14-Si-30  
 Cross Section -34.71 To 9999. %

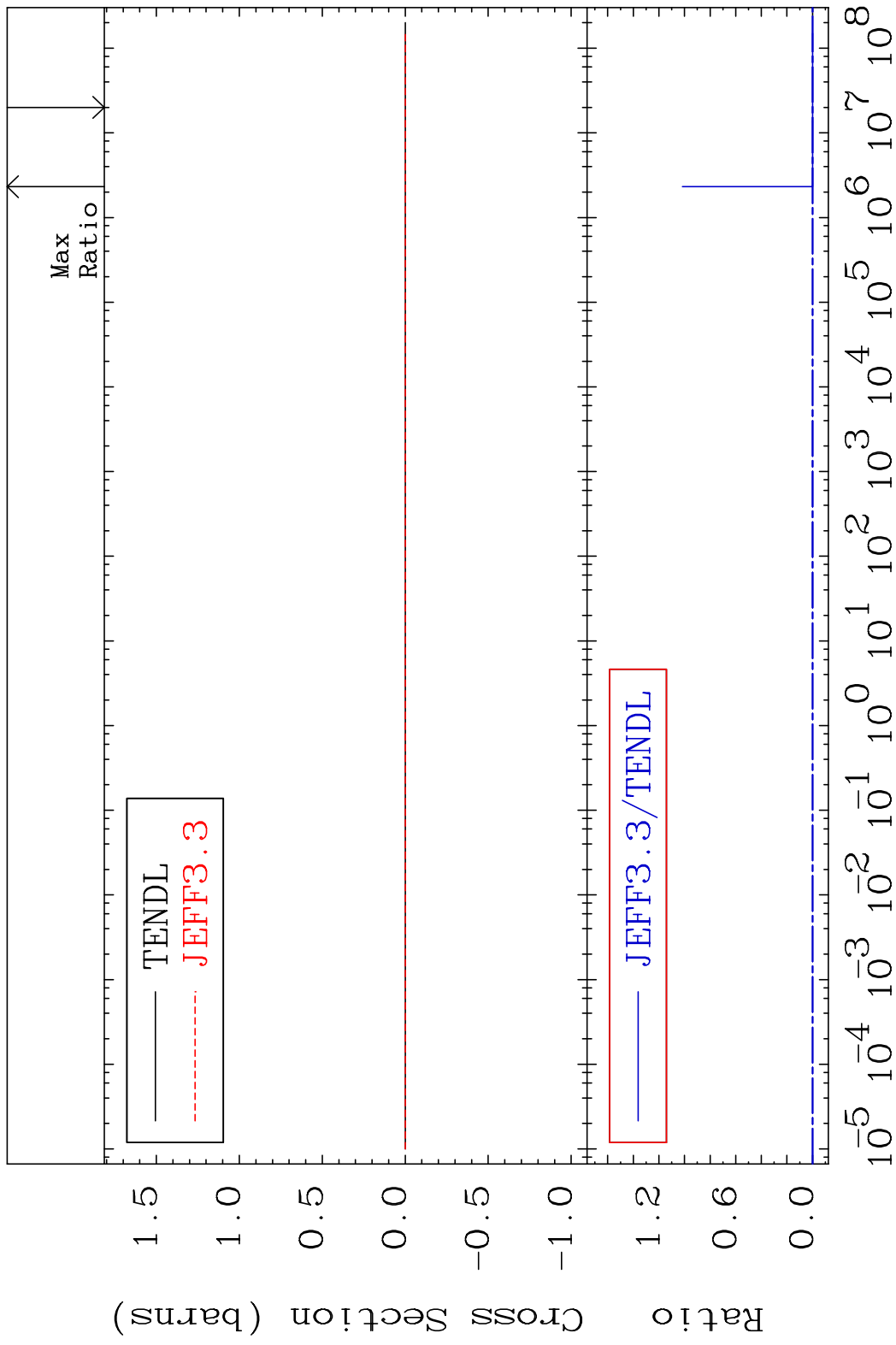


24 Incident Energy (eV) 14-Si-30

MAT 1431 Kerma inelastic (mt51-91) 14-Si-30  
 Cross Section -100.0 To 9999. %



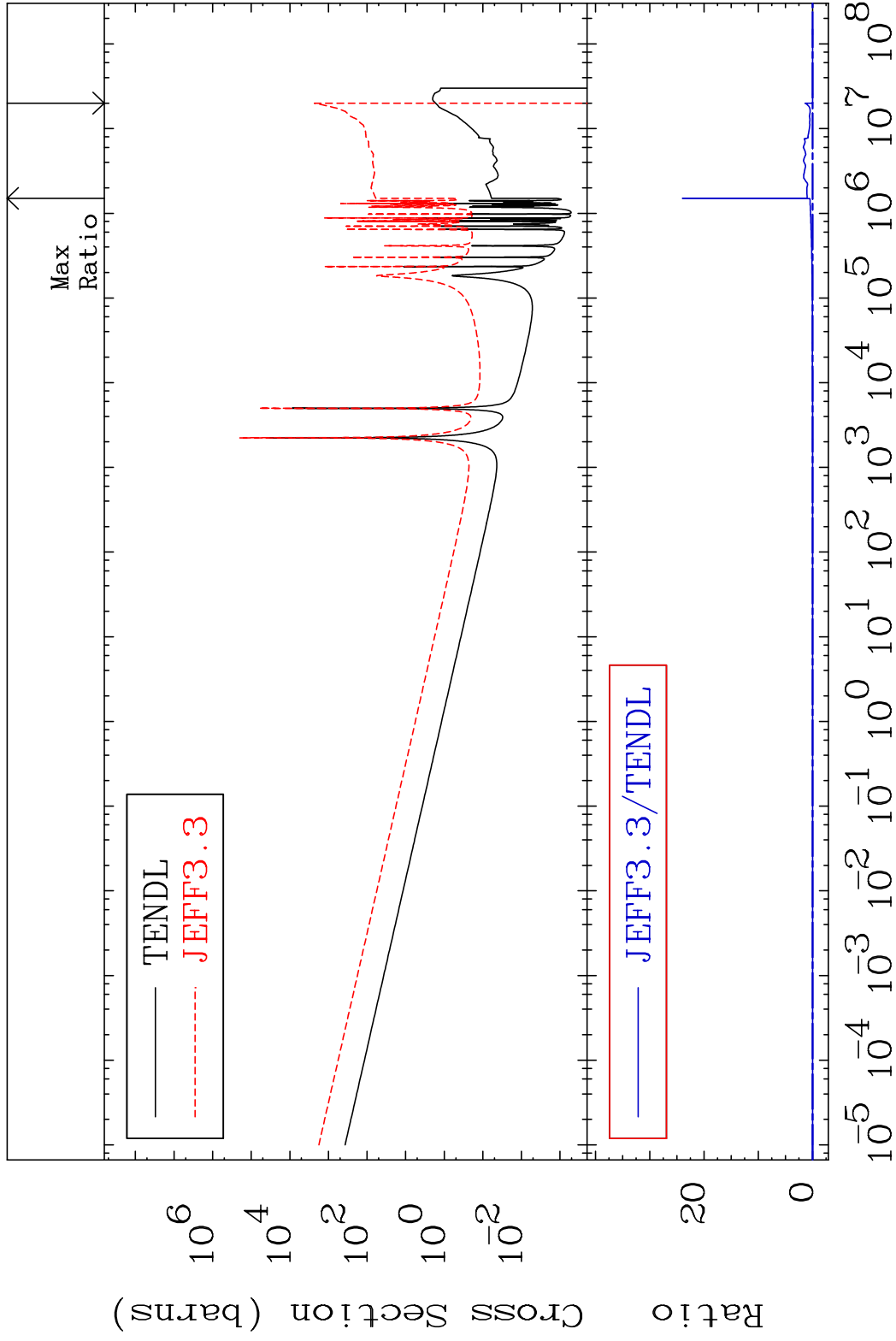
MAT 1431 Kerma fission (mt18 or mt19-20-21-38) 14-Si-30  
 Cross Section -100.0 To 9999. %



MAT 1431

Kerma capture (mt102) 14-Si-30

Cross Section -100.0 To 9999. %

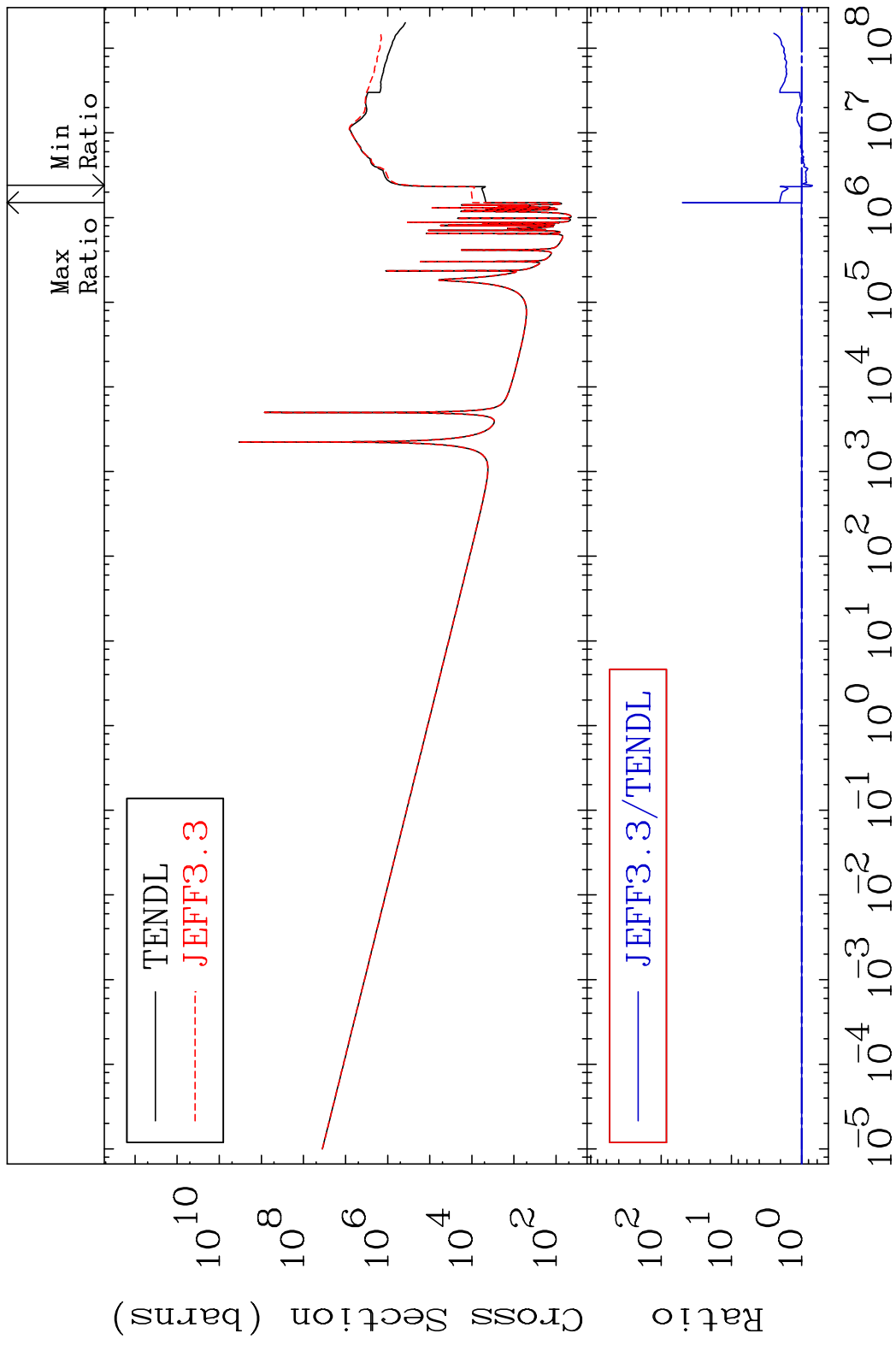


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Incident Energy (eV)

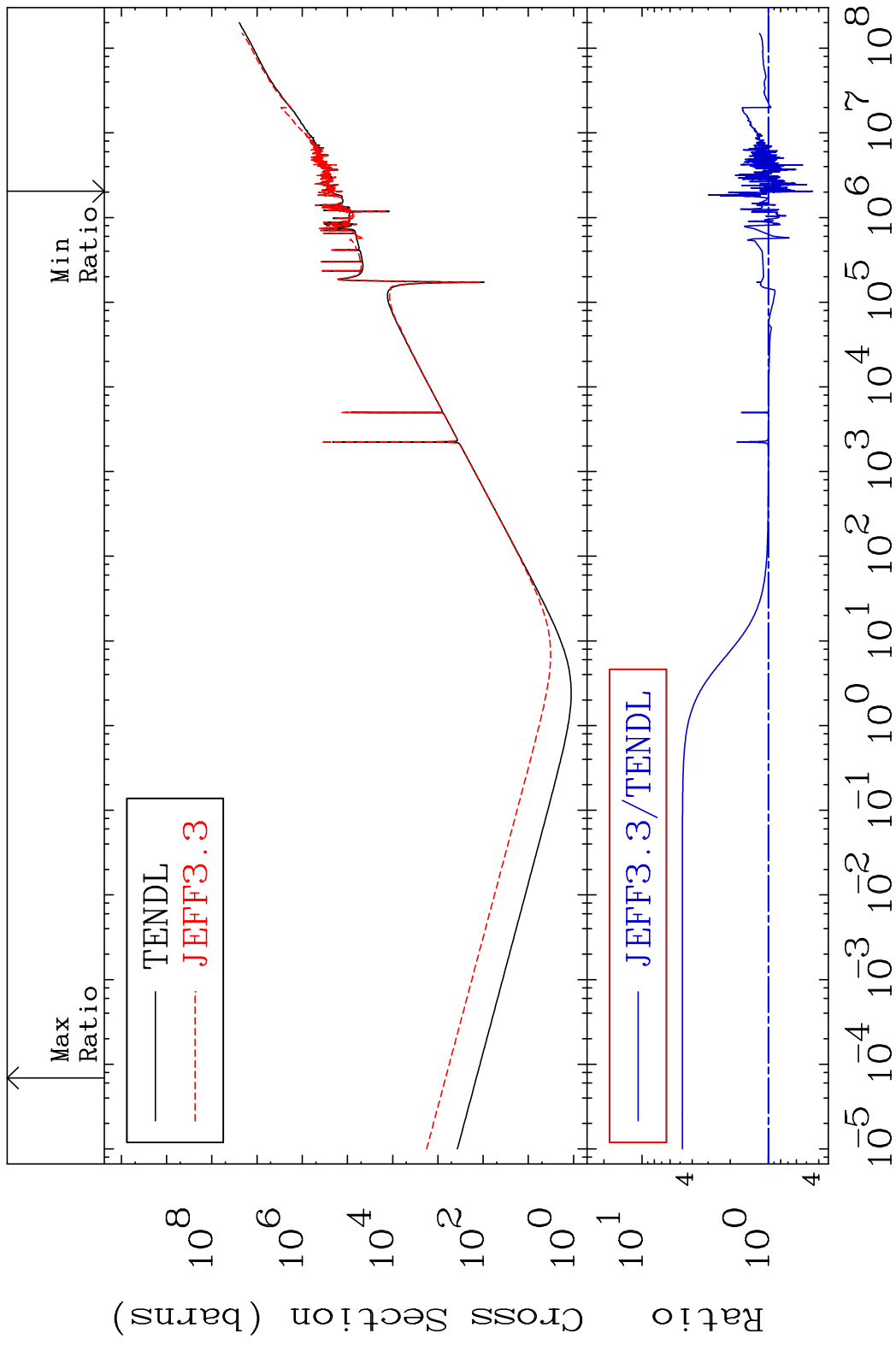
14-Si-30

MAT 1431 Total photon (eV-barns) 14-Si-30  
Cross Section -30.03 To 4882. %



28 Incident Energy (eV) 14-Si-30

MAT 1431 Total kinematic kerma (high limit) 14-Si-30  
 Cross Section -55.29 To 379.4 %

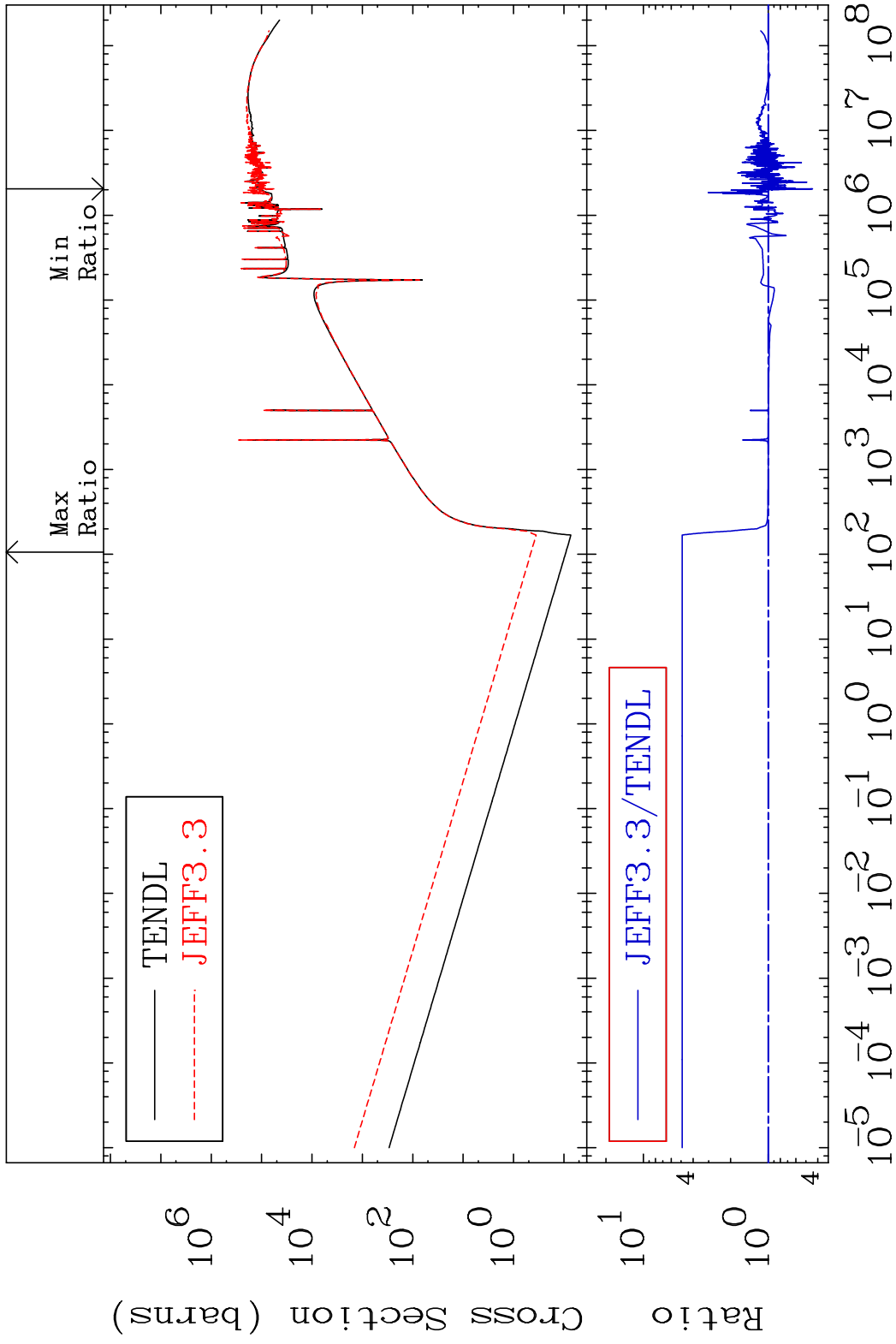


MAT 1431

Dpa total (eV-barns)

14-Si-30

Cross Section -55.80 To 389.5 %

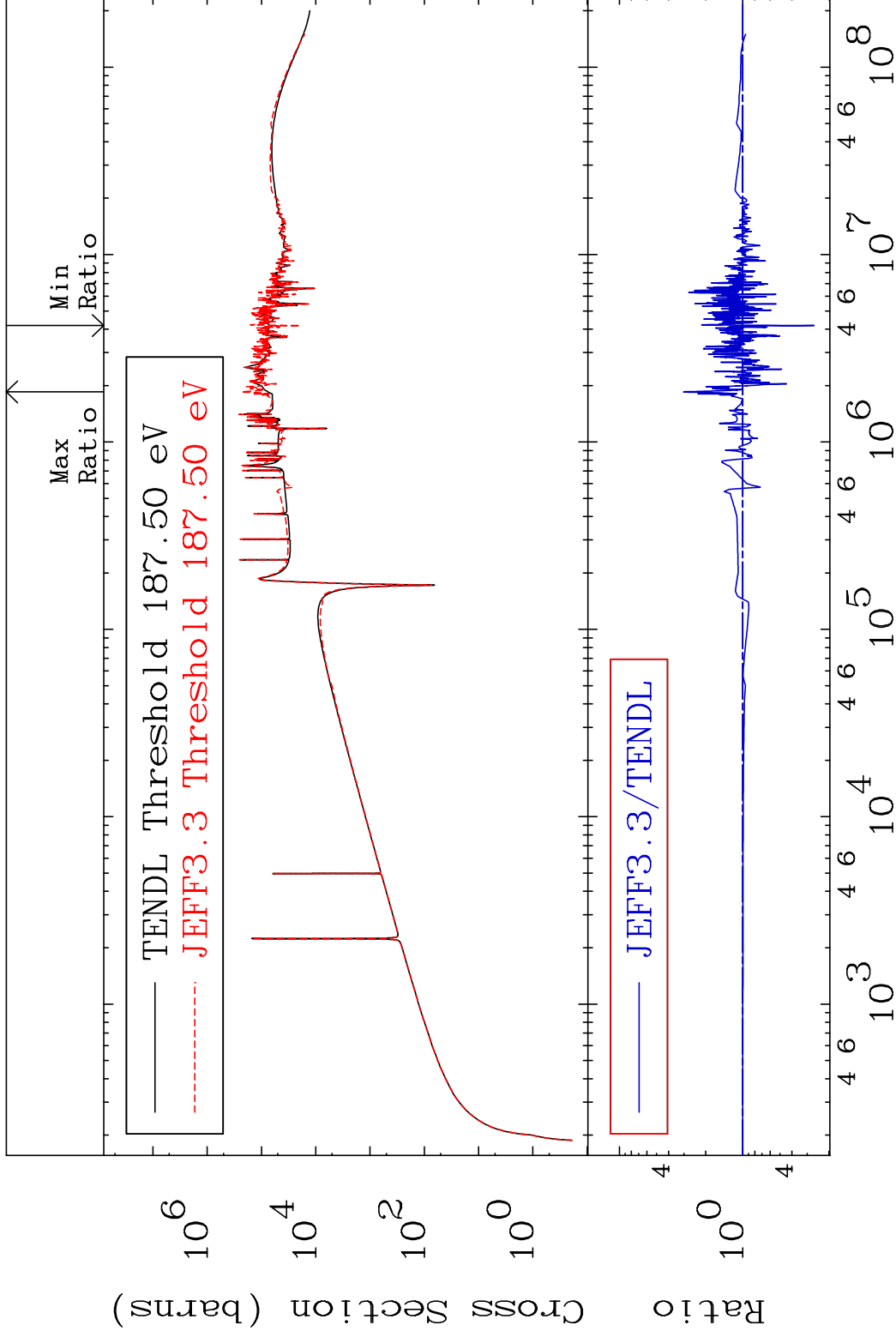


MAT 1431

Dpa elastic (mt2)

14-Si-30

Cross Section -73.56 To 202.8 %

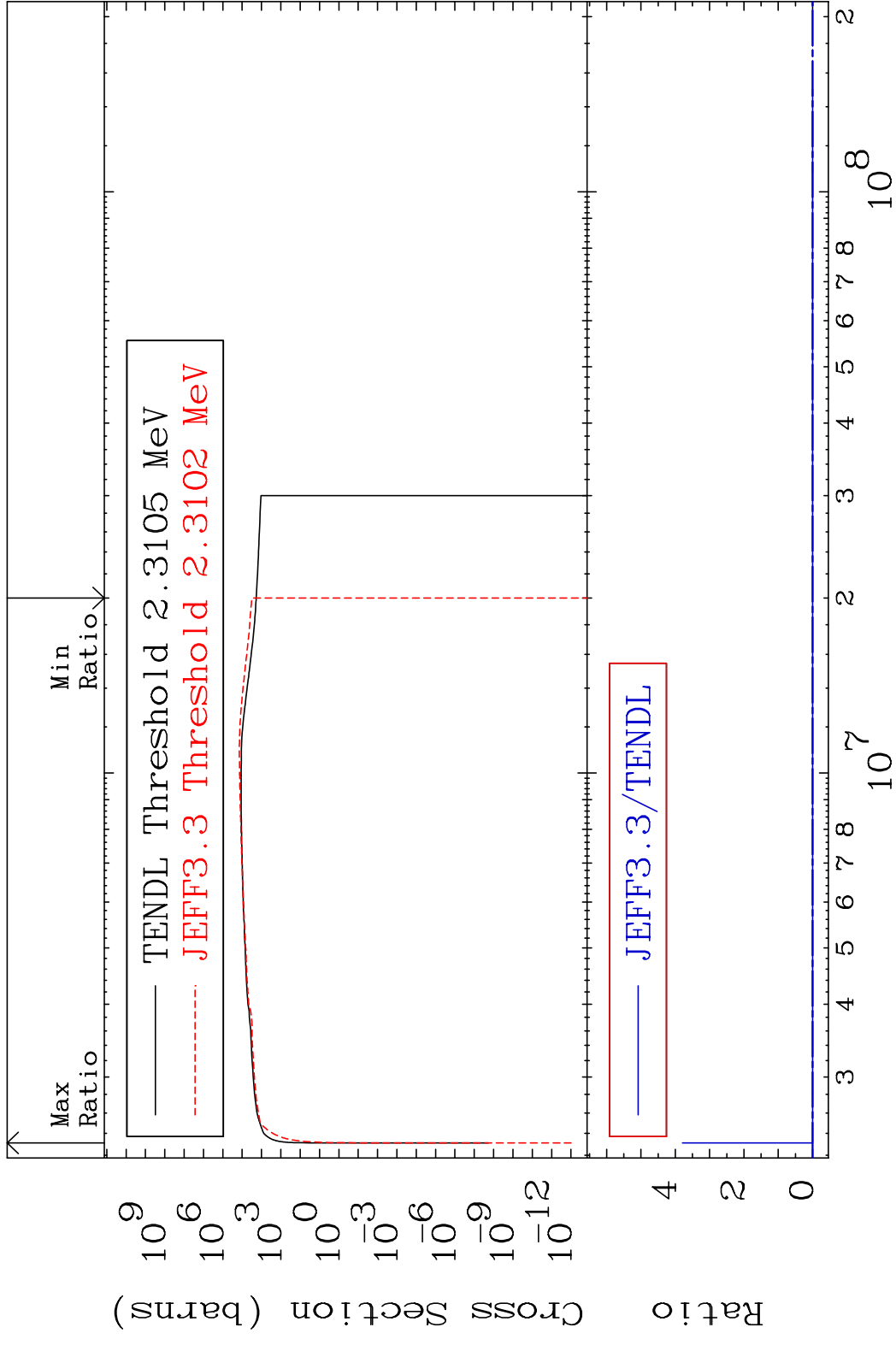


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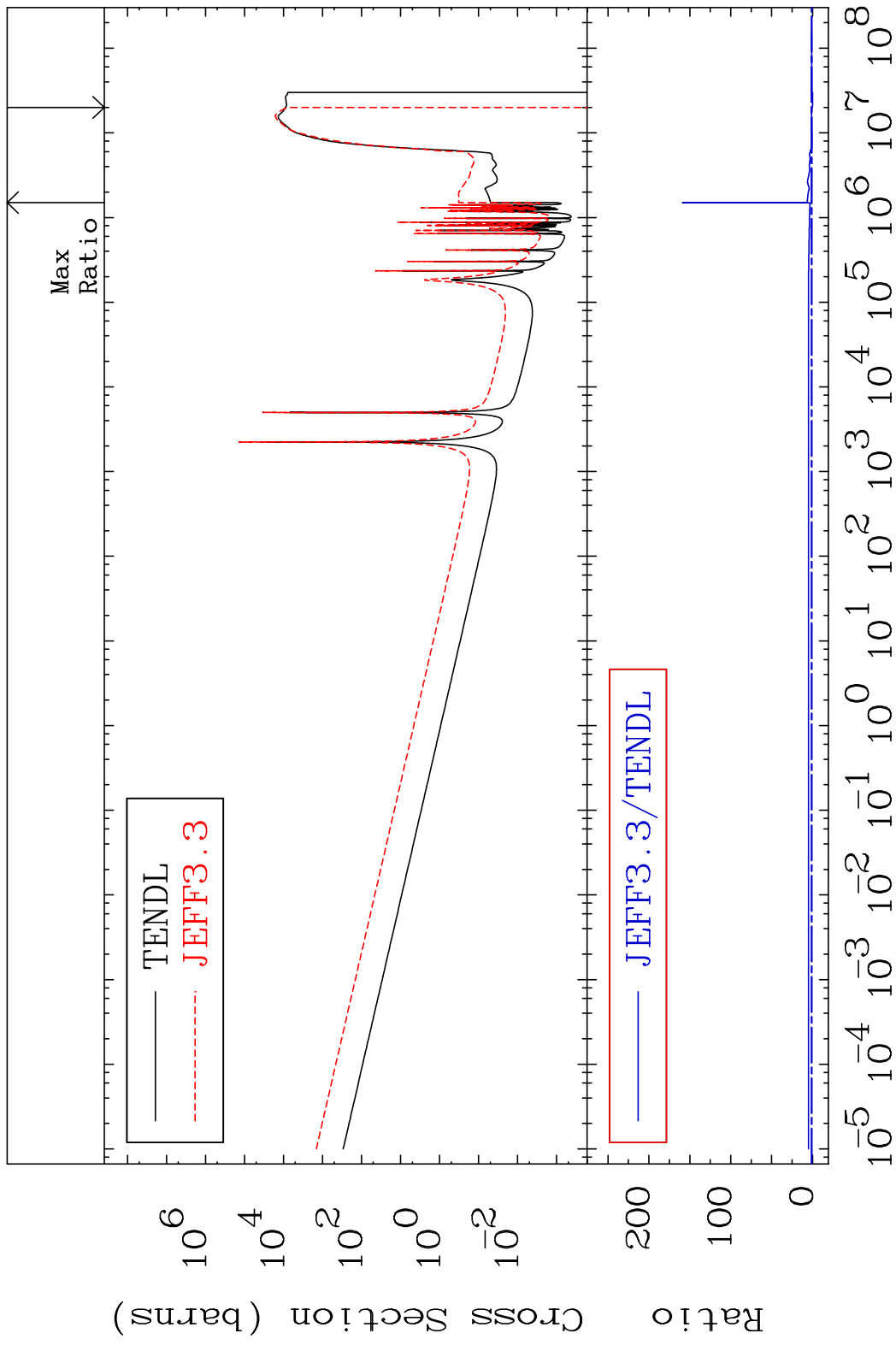
Incident Energy (eV)

14-Si-30

MAT 1431 Dpa inelastic (mt51-91) 14-Si-30  
 Cross Section -100.0 To 9999. %



MAT 1431 Dpa disappearance (mt102 -120) 14-Si-30  
 Cross Section -100.0 To 9999. %



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Incident Energy (eV) 14-Si-30