

Program Complot  
(Version 2021-1)

by

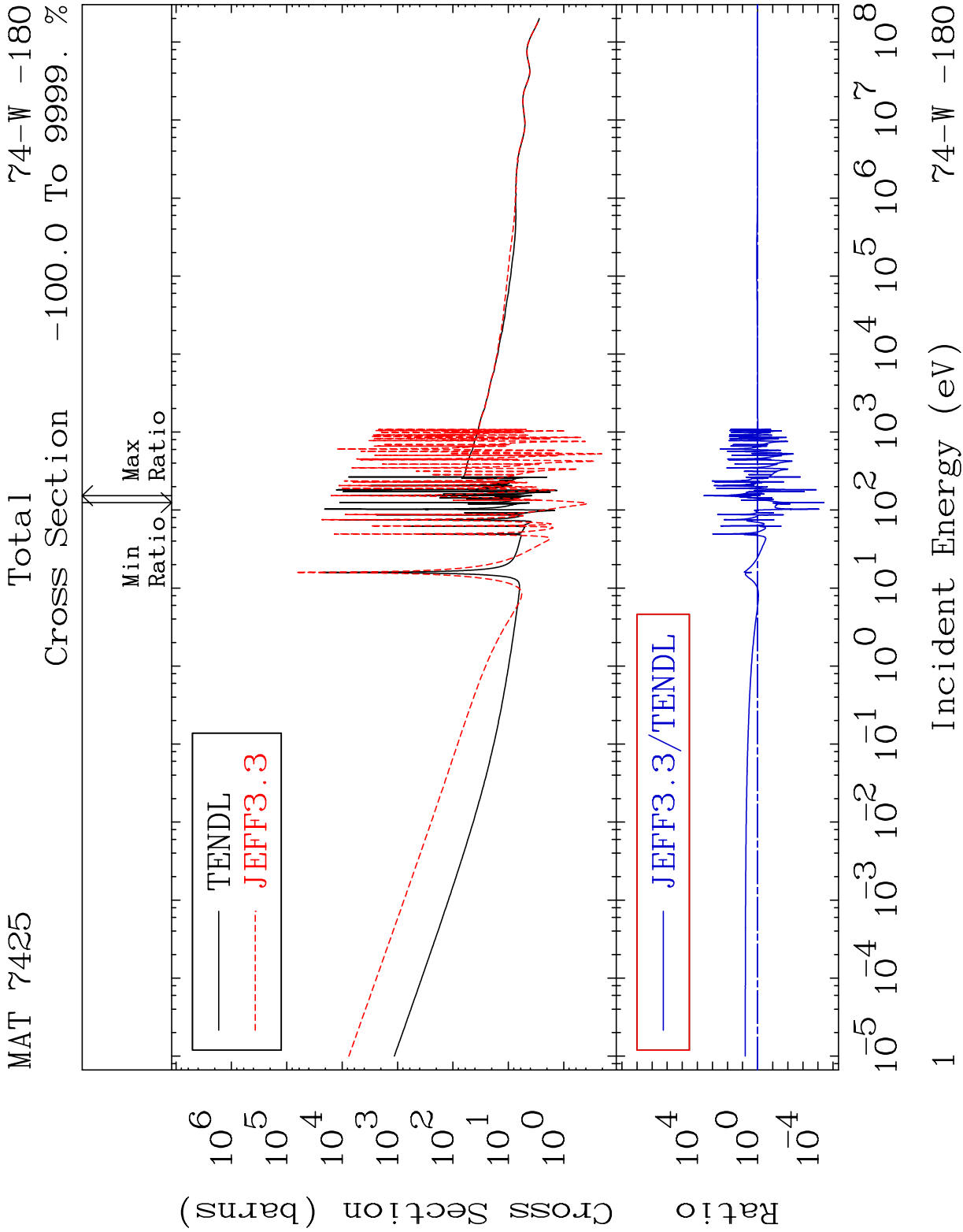
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(Present Contact Information)

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Press Mouse Button to Start

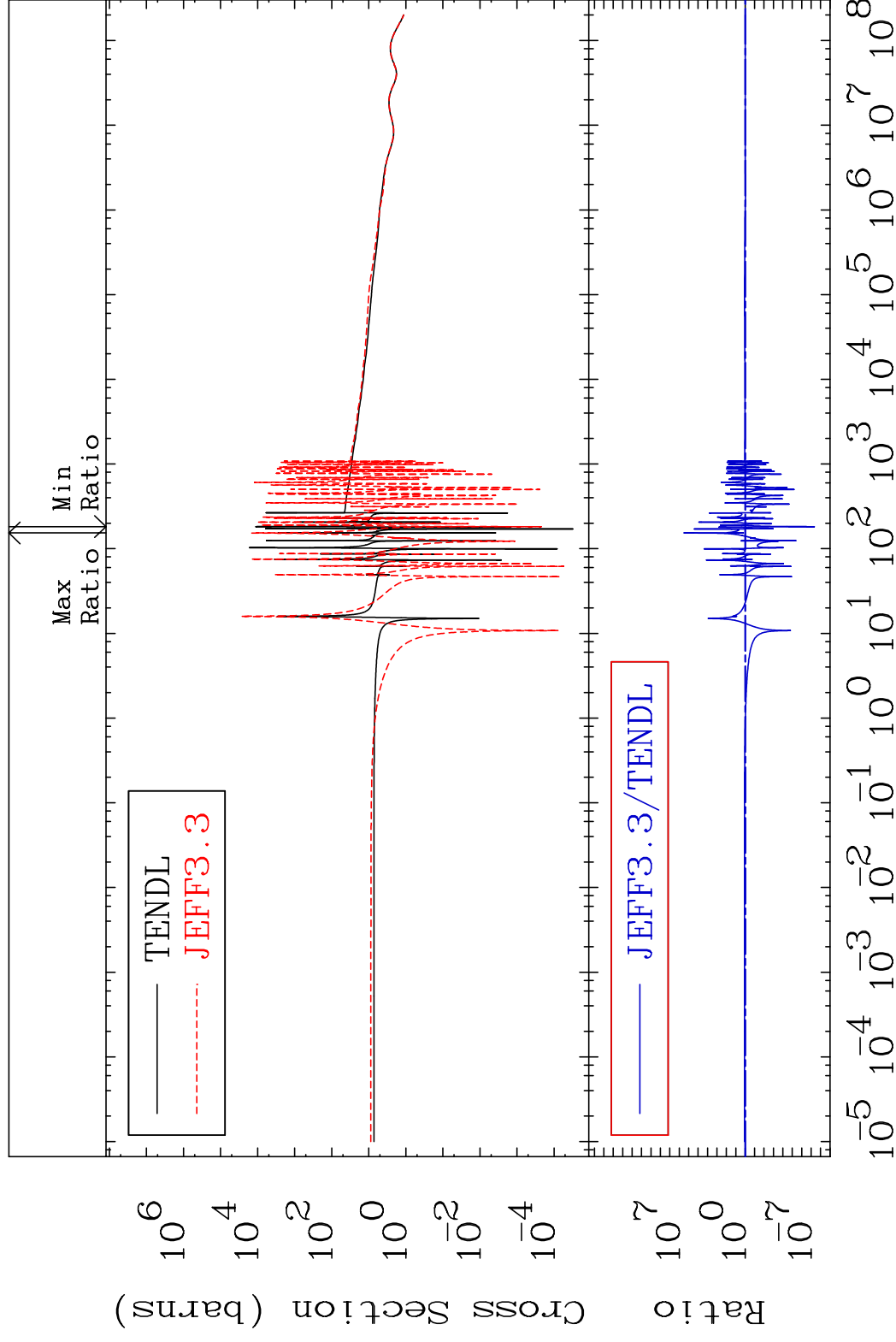


MAT 7425

# Elastic

24-W -180

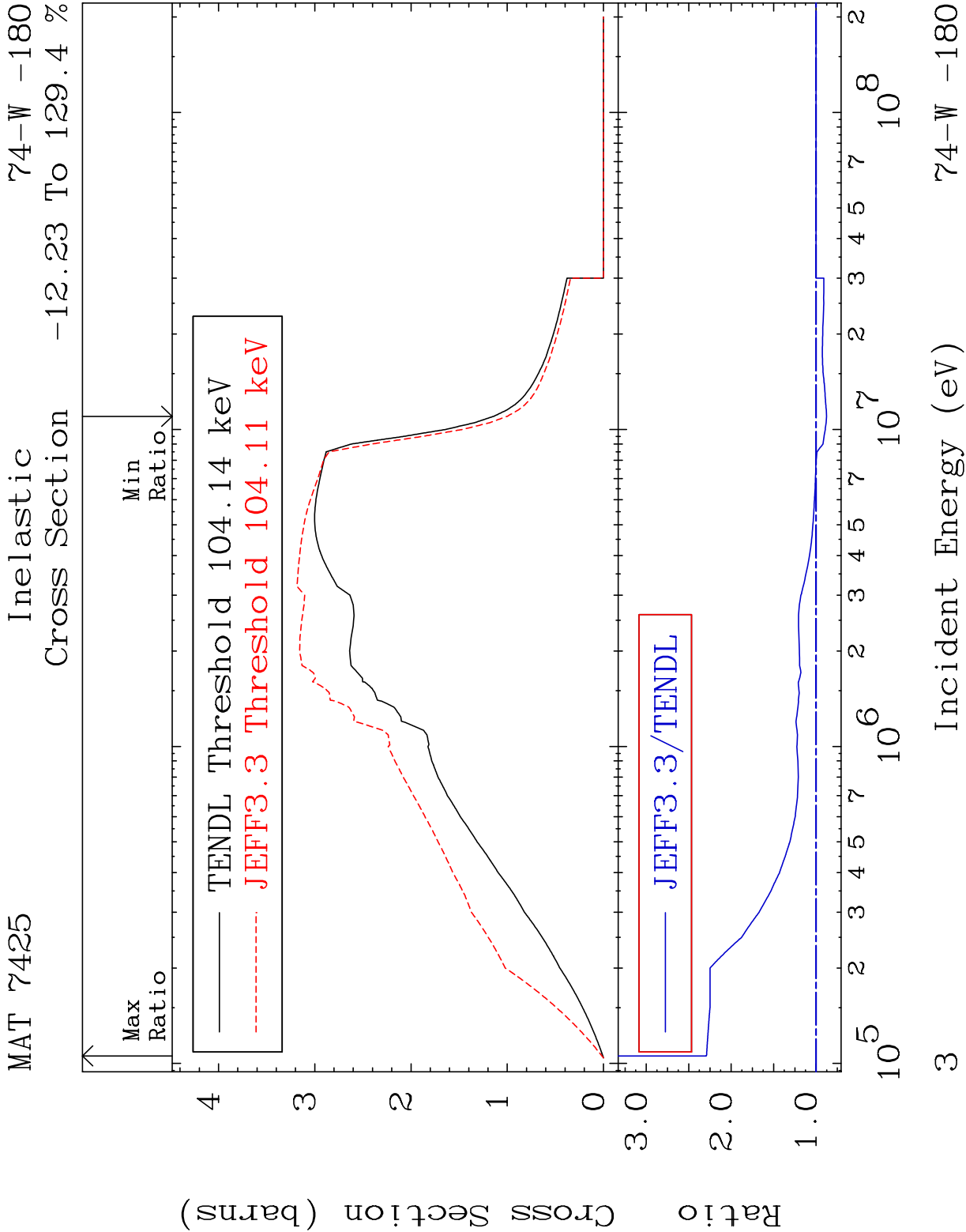
Cross Section -100.0 To 9999. %

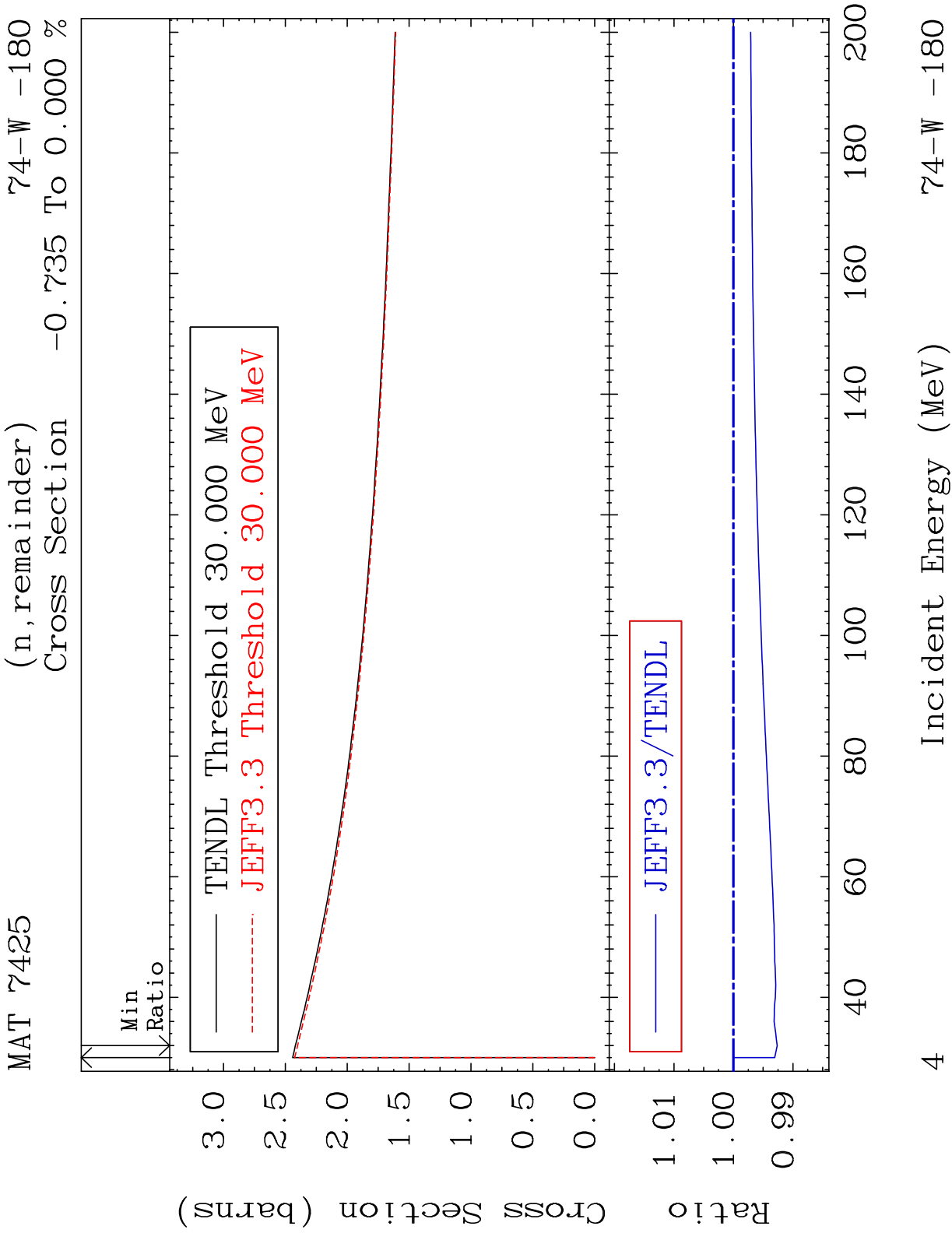


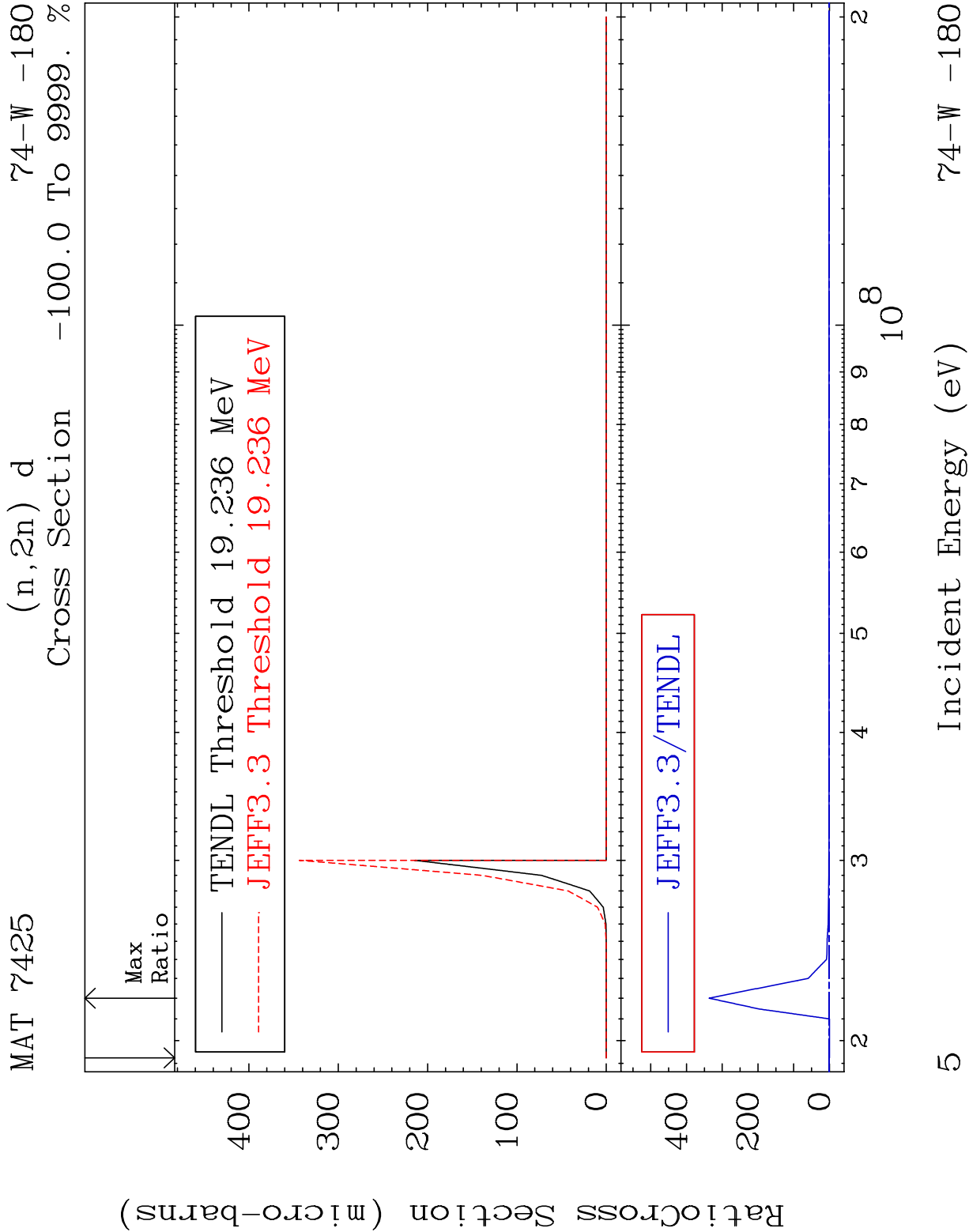
2

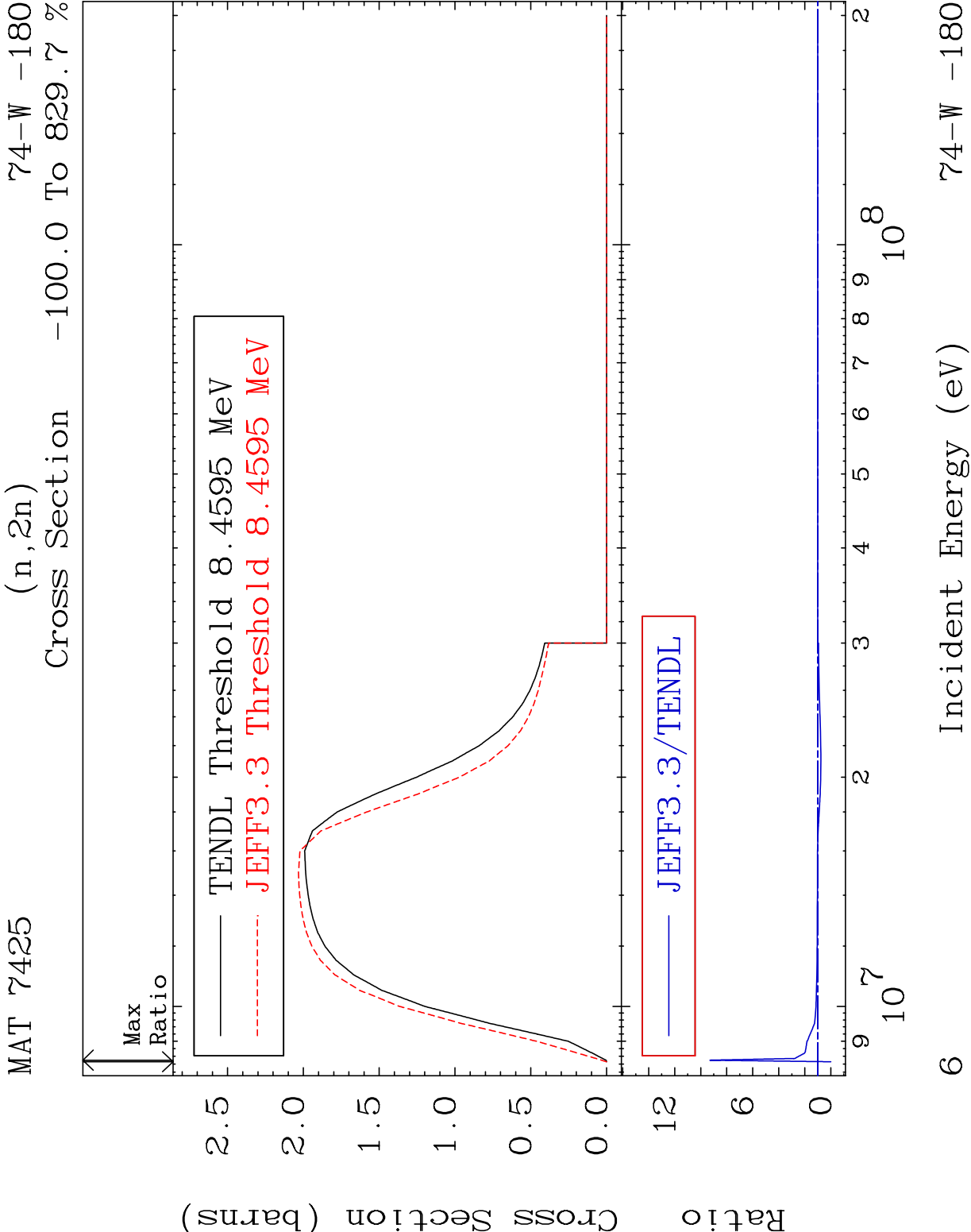
Incident Energy (eV)

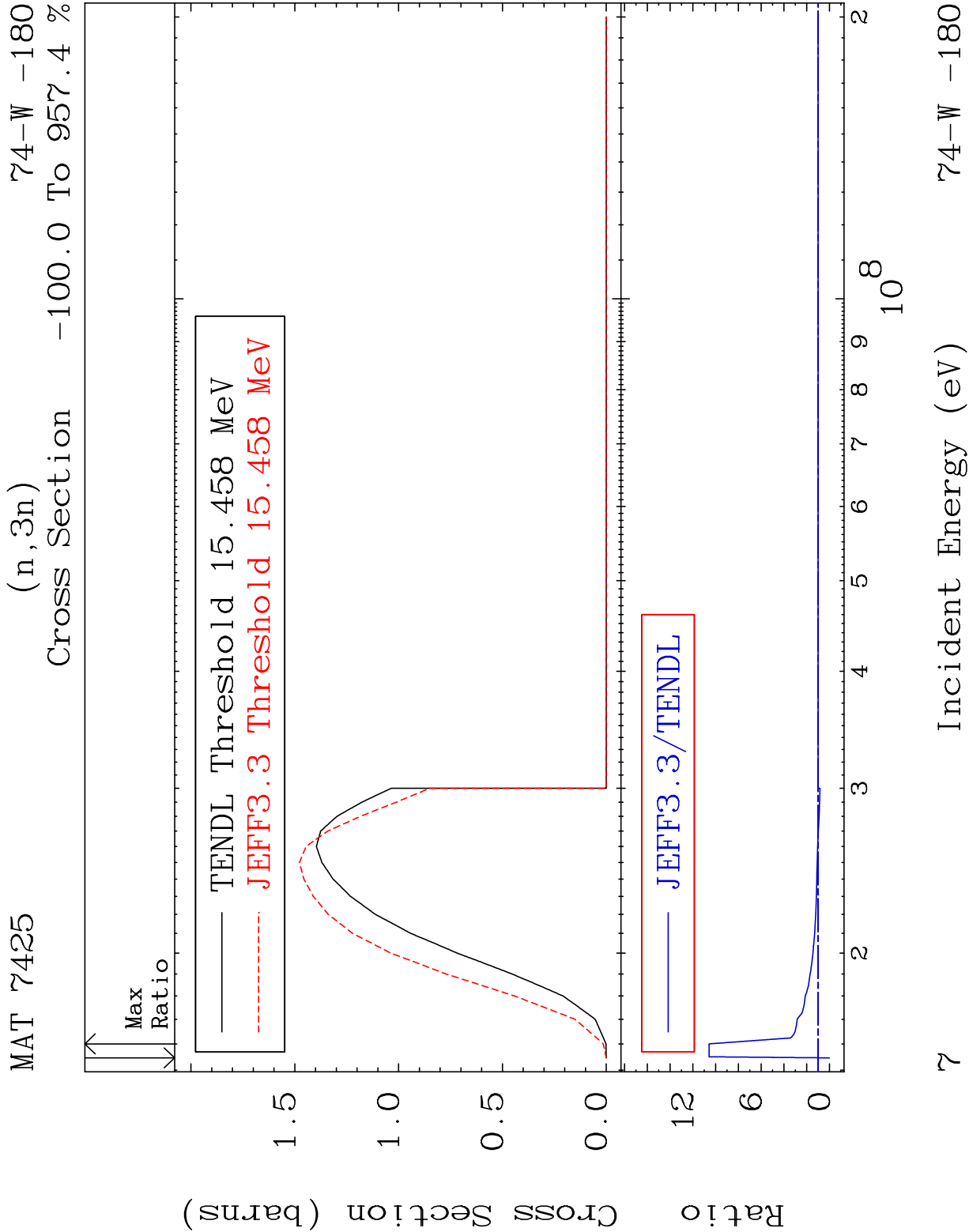
24-W -180









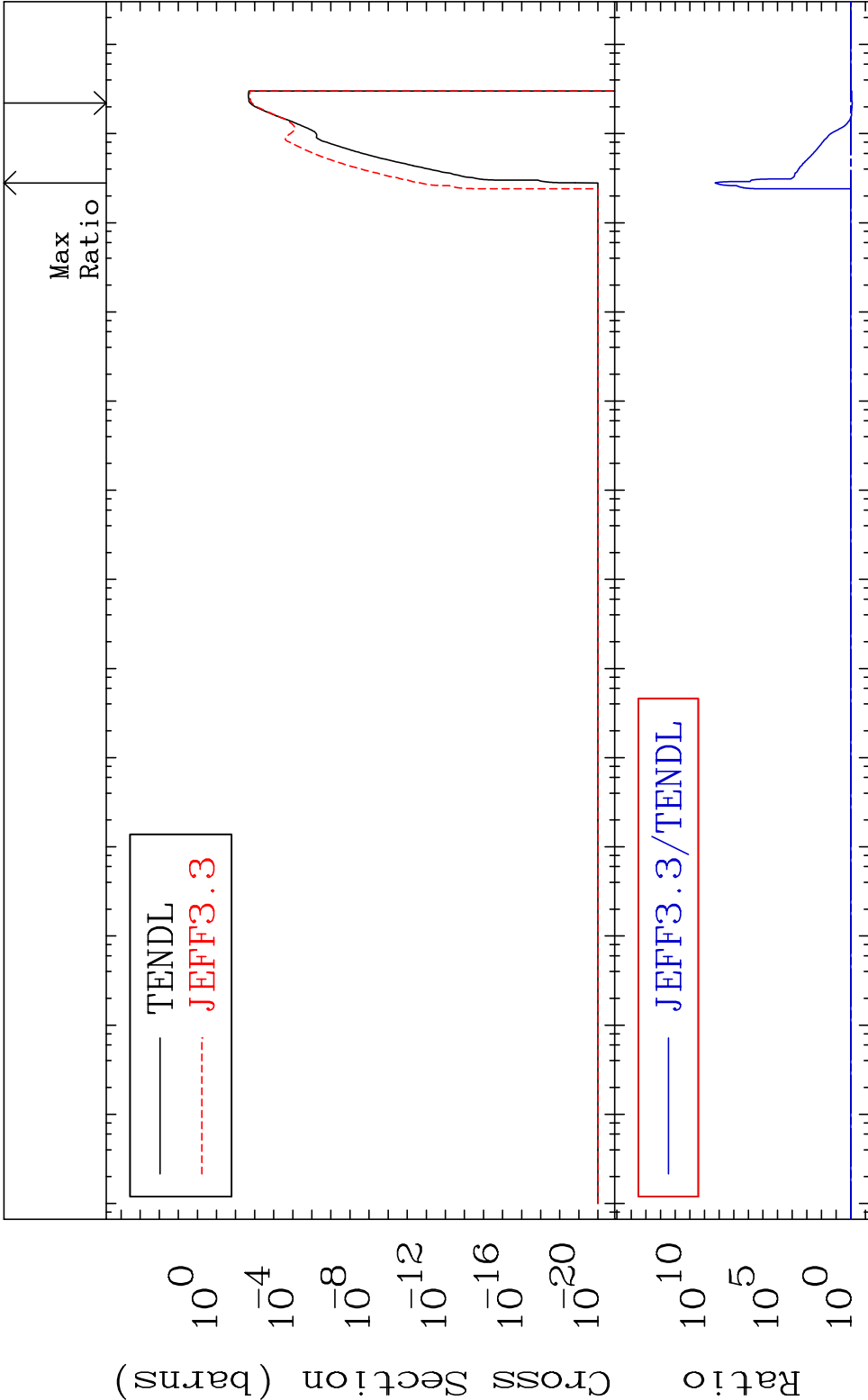


MAT 7425

(n,n')  $\alpha$

74-W -180

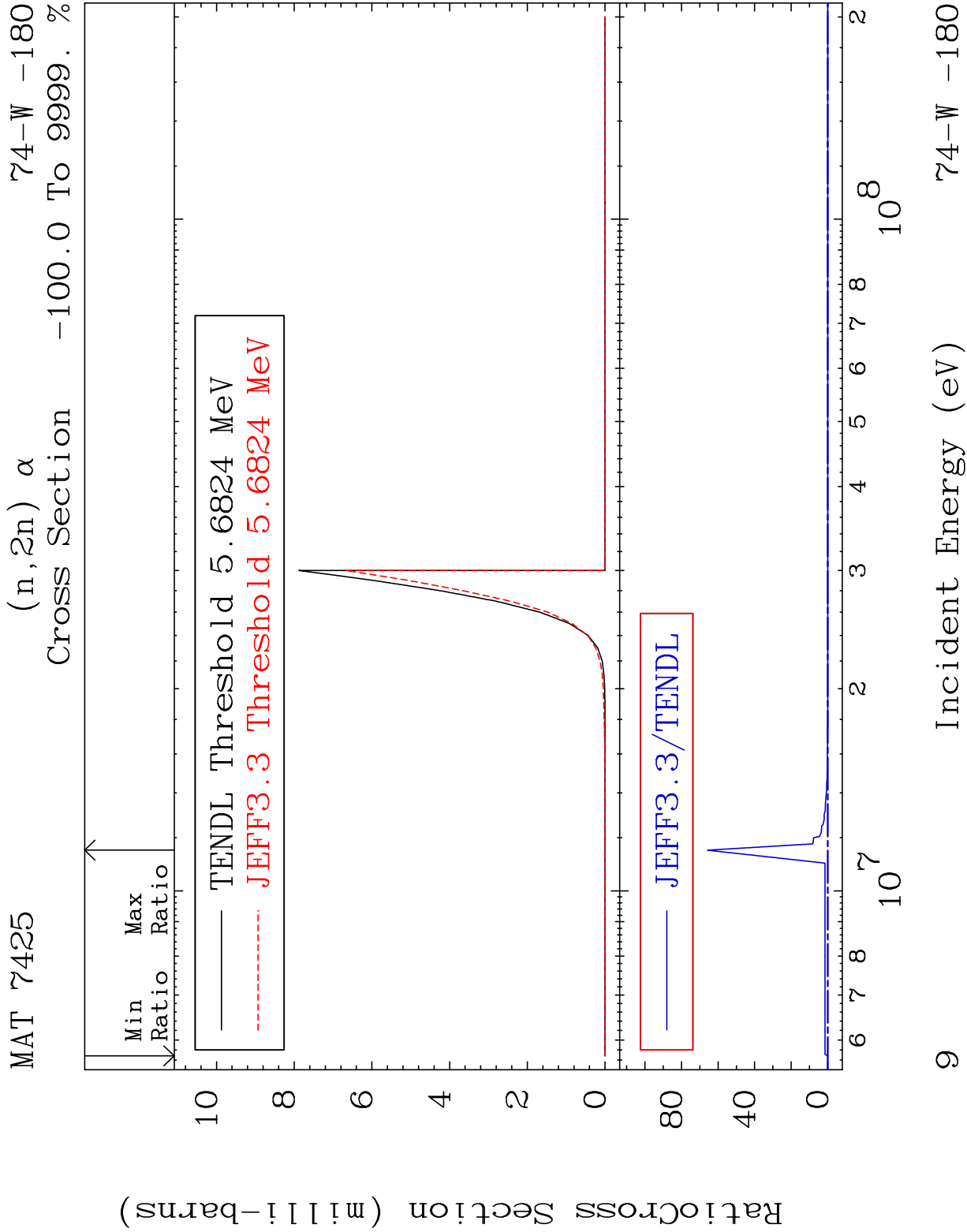
Cross Section -20.21 To 9999. %

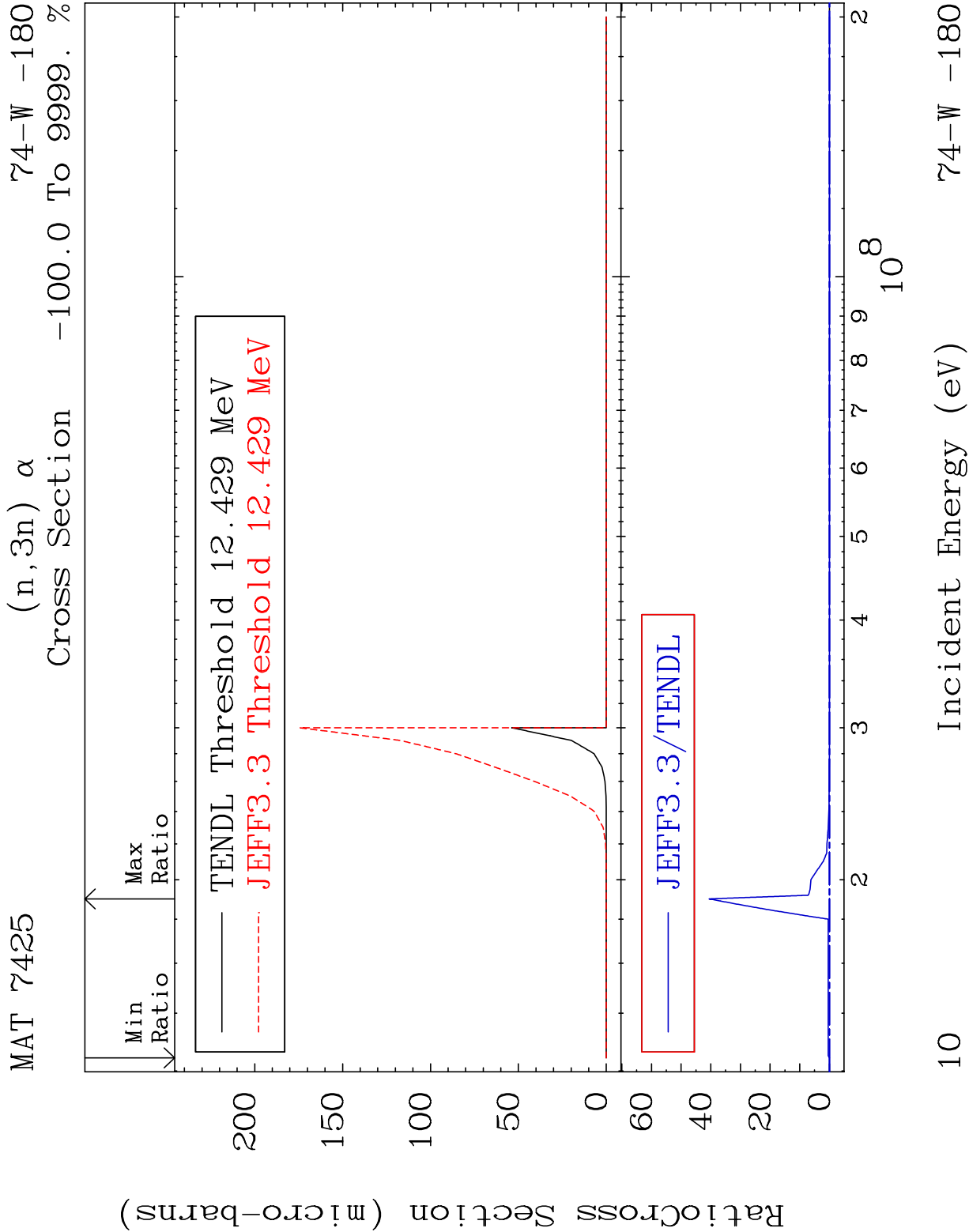


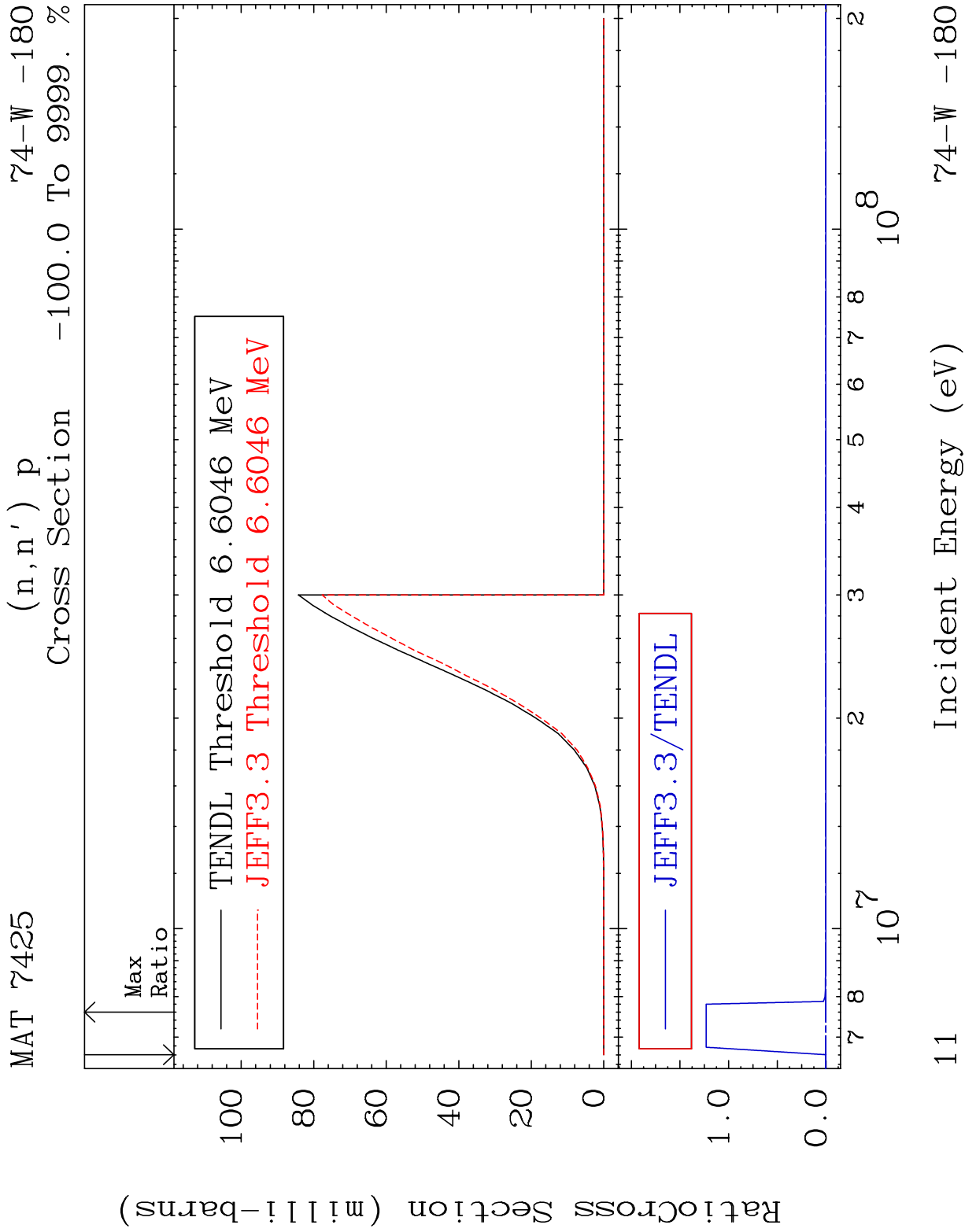
8

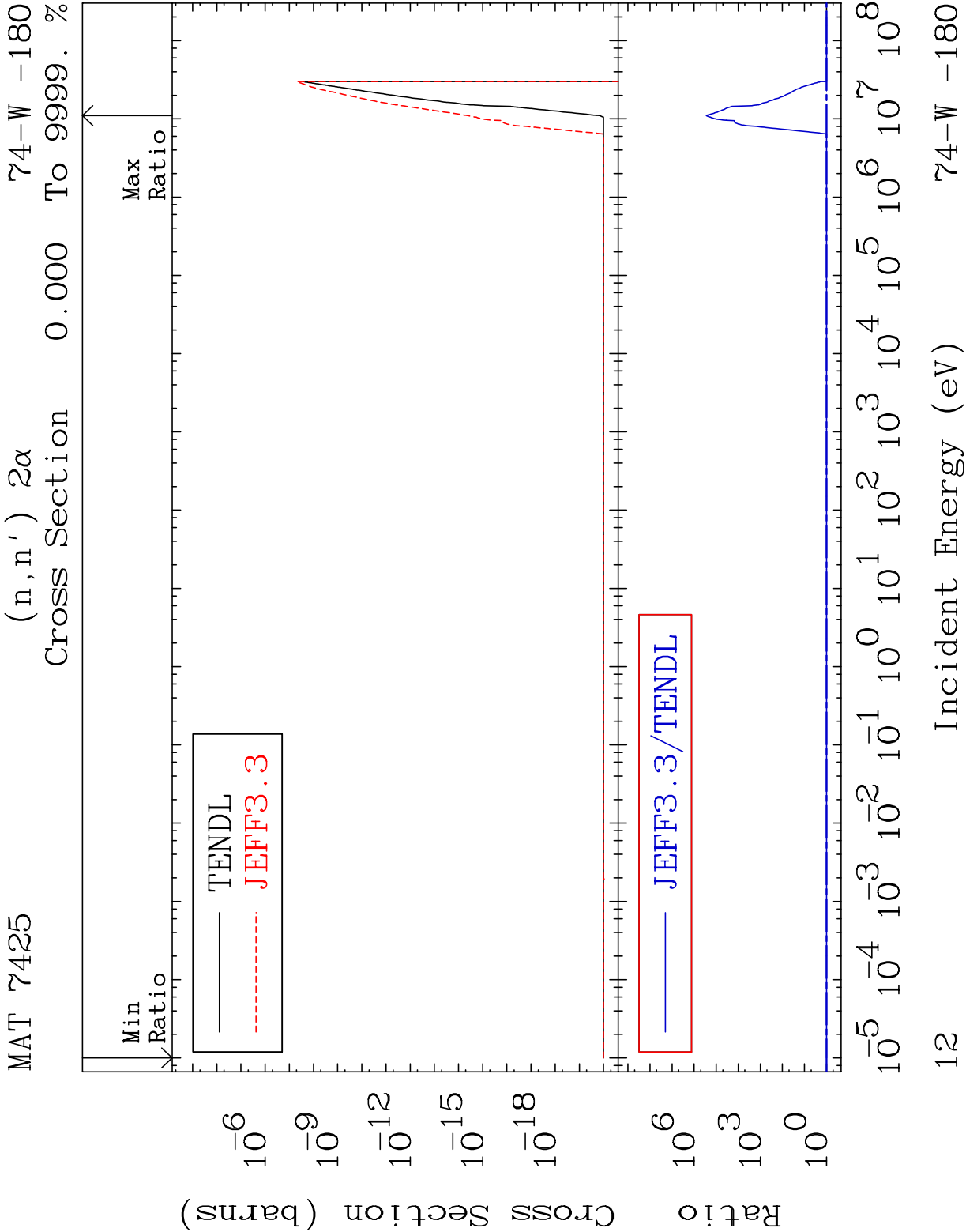
Incident Energy (eV)

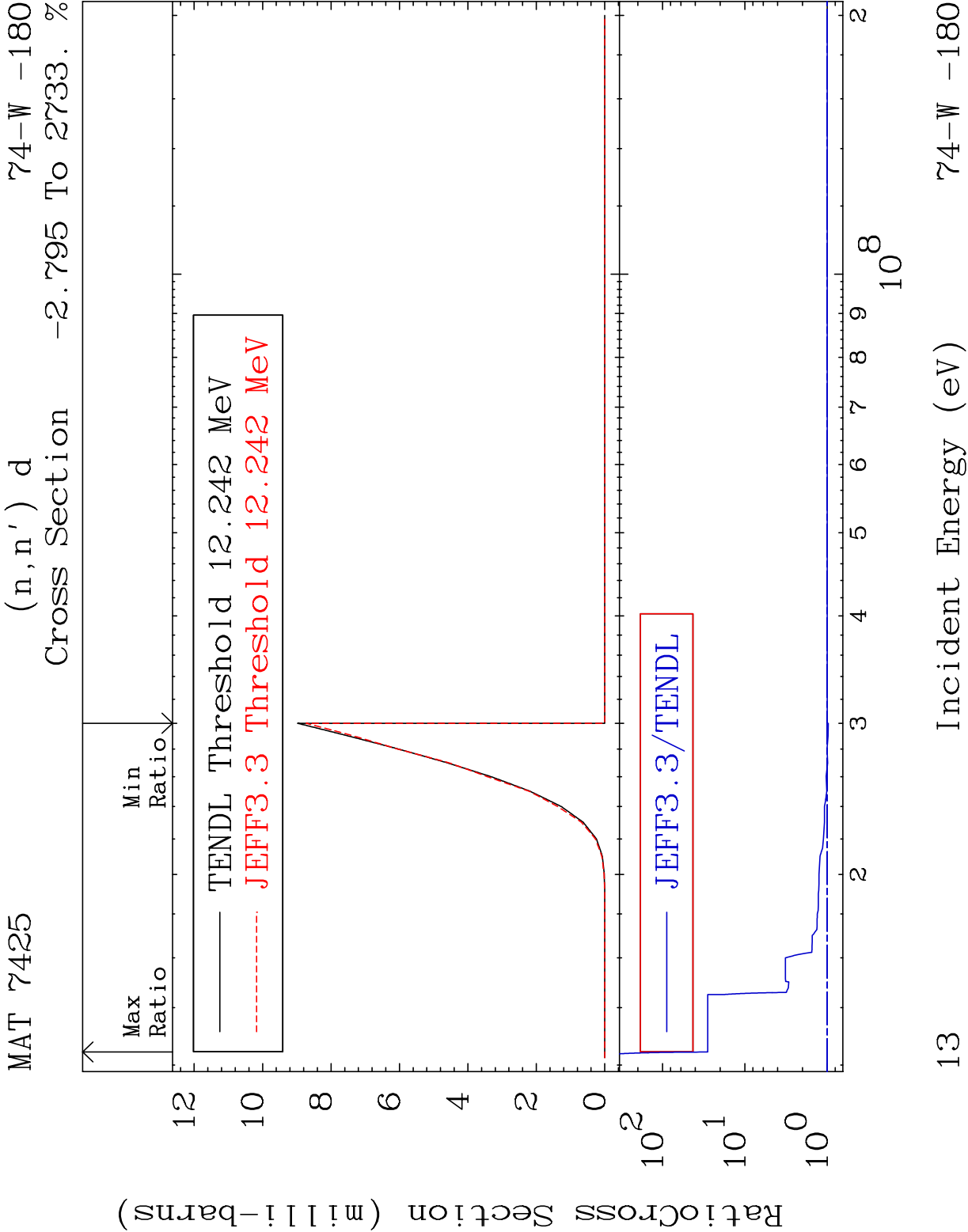
74-W -180

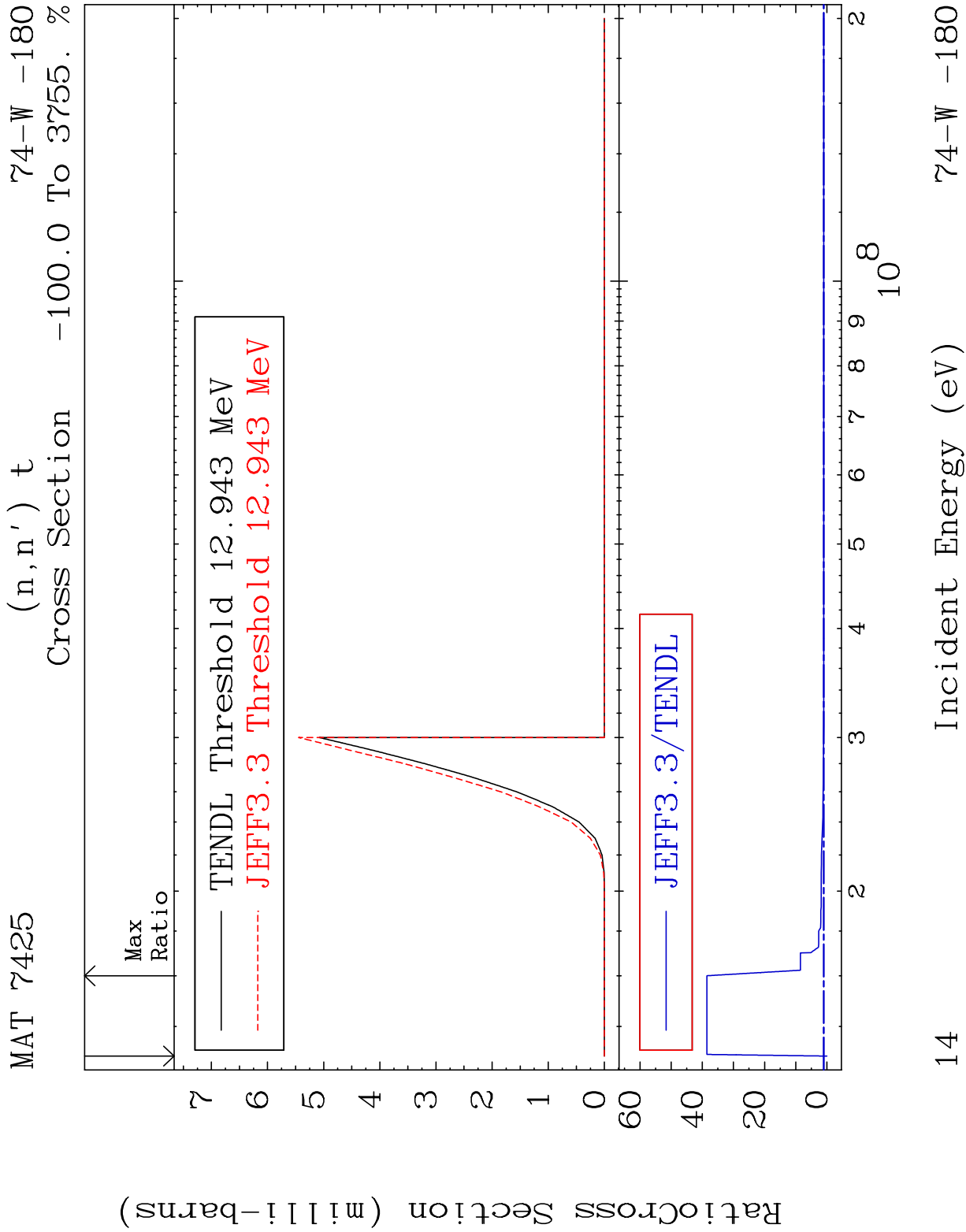


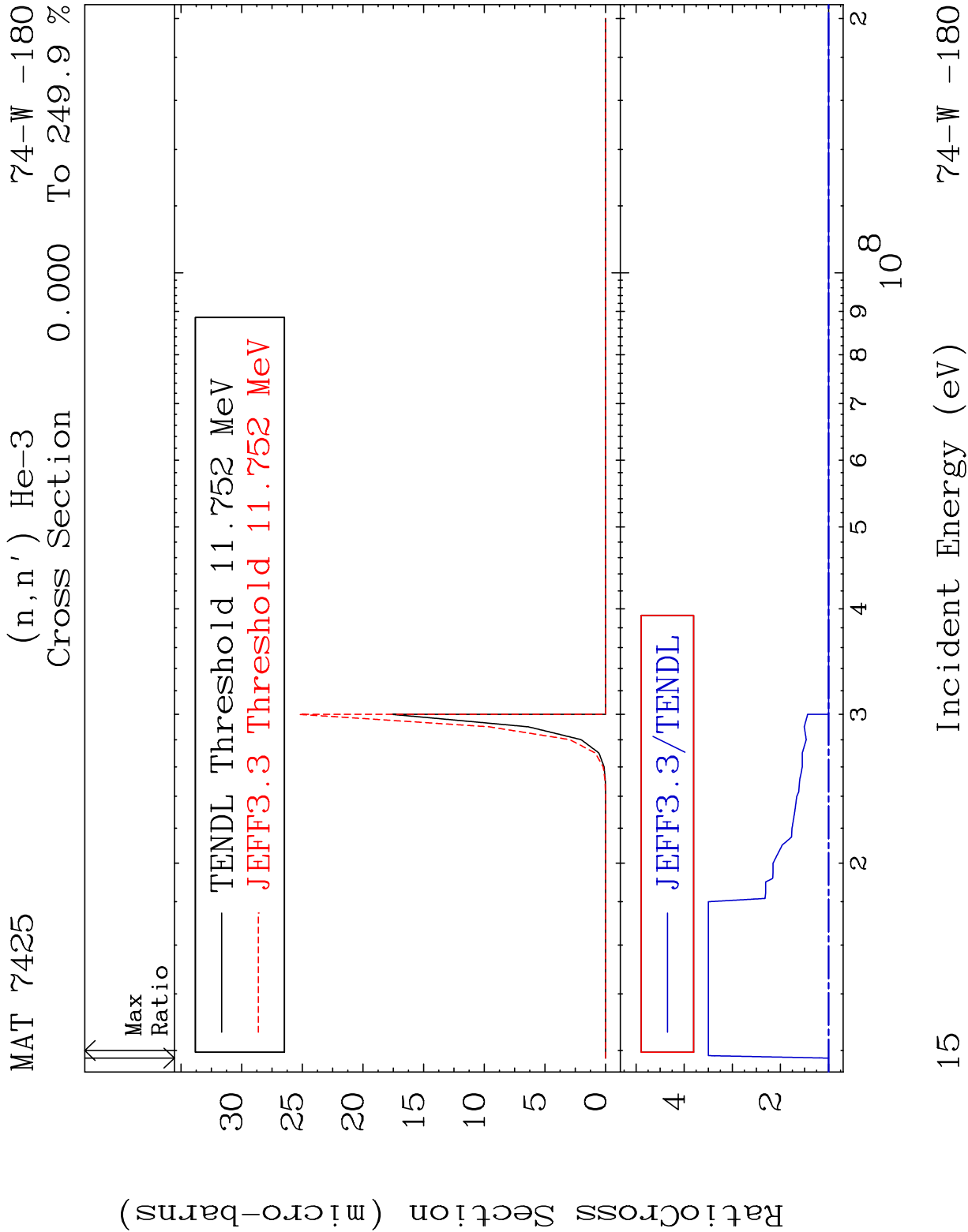




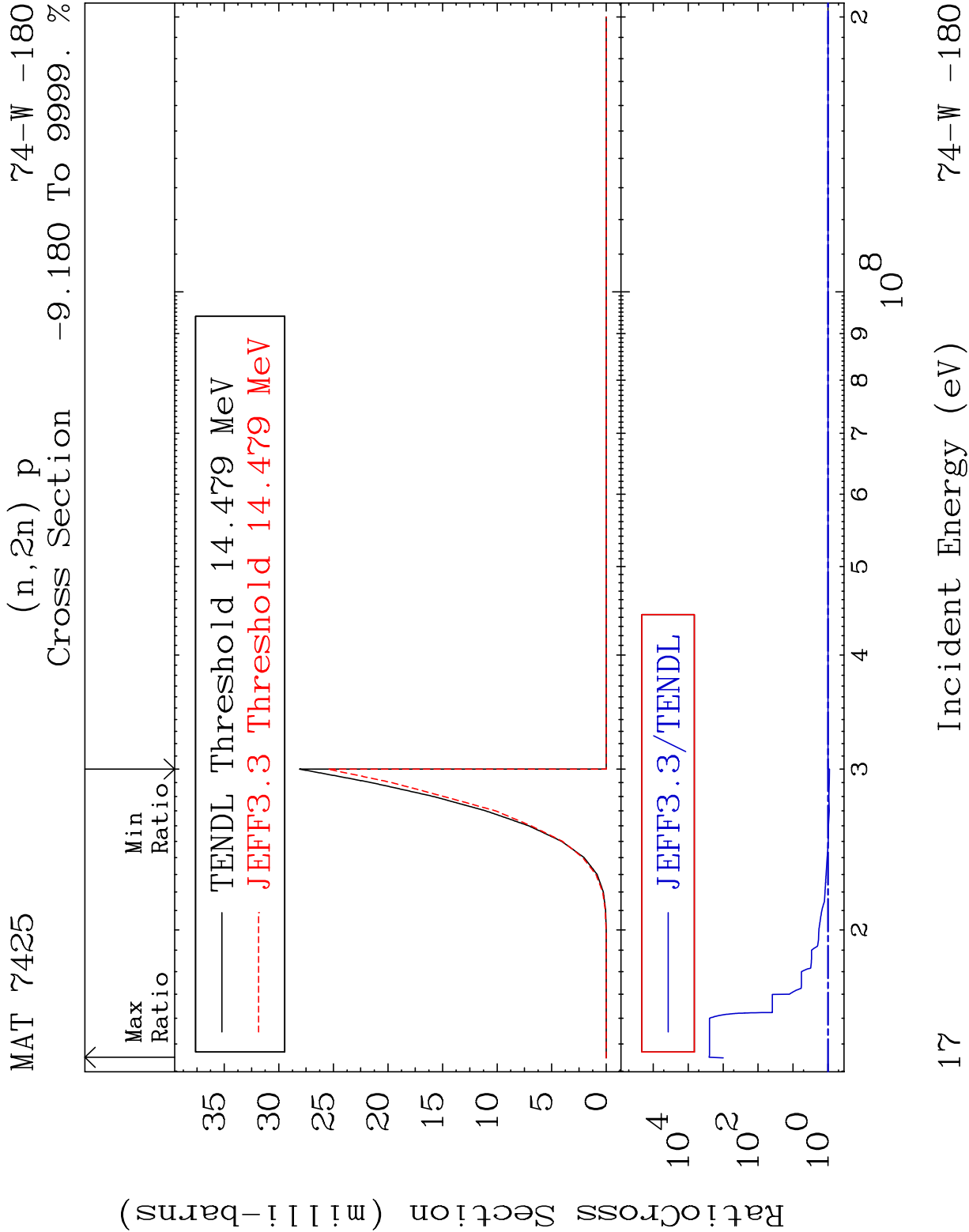










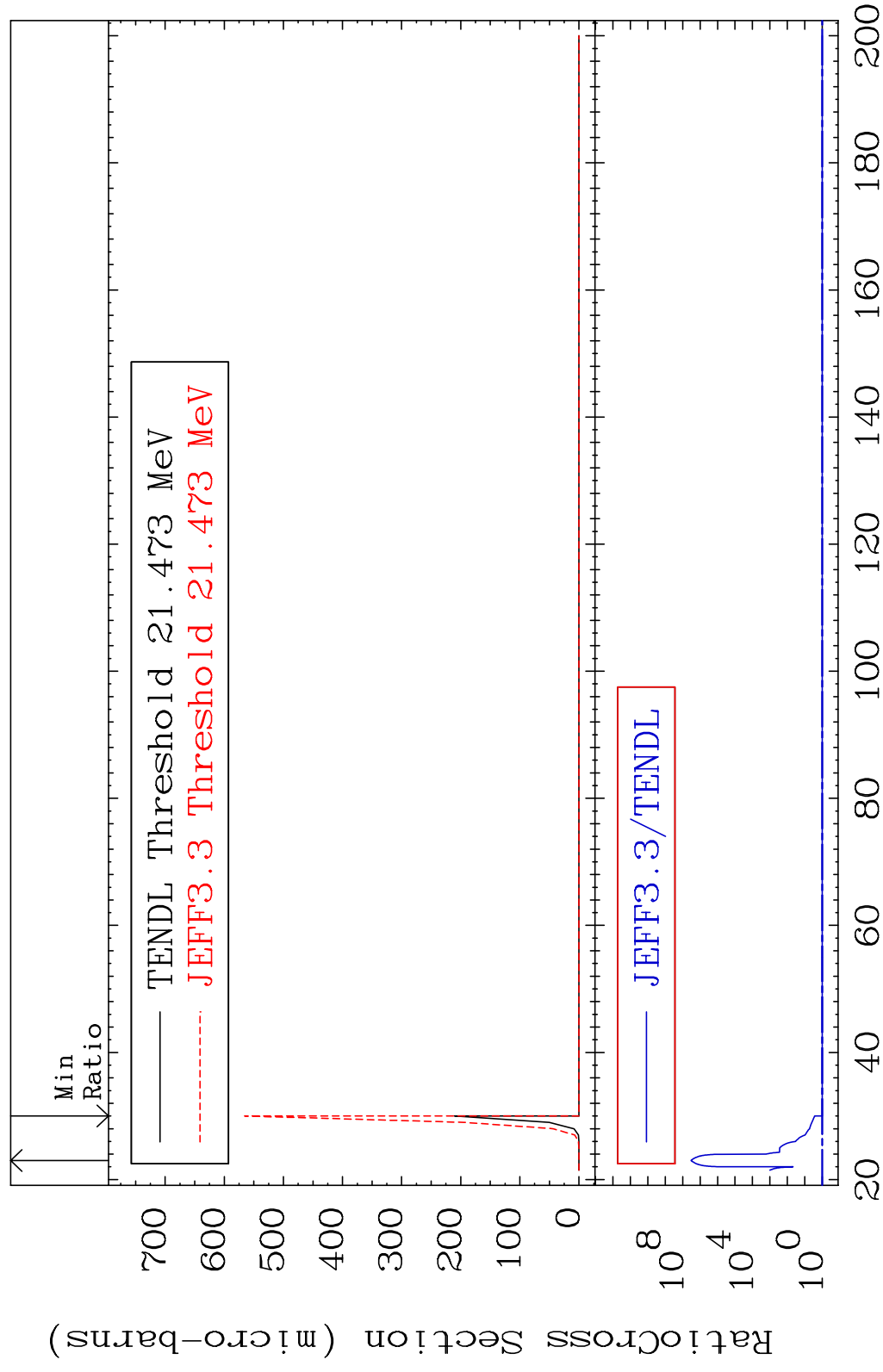


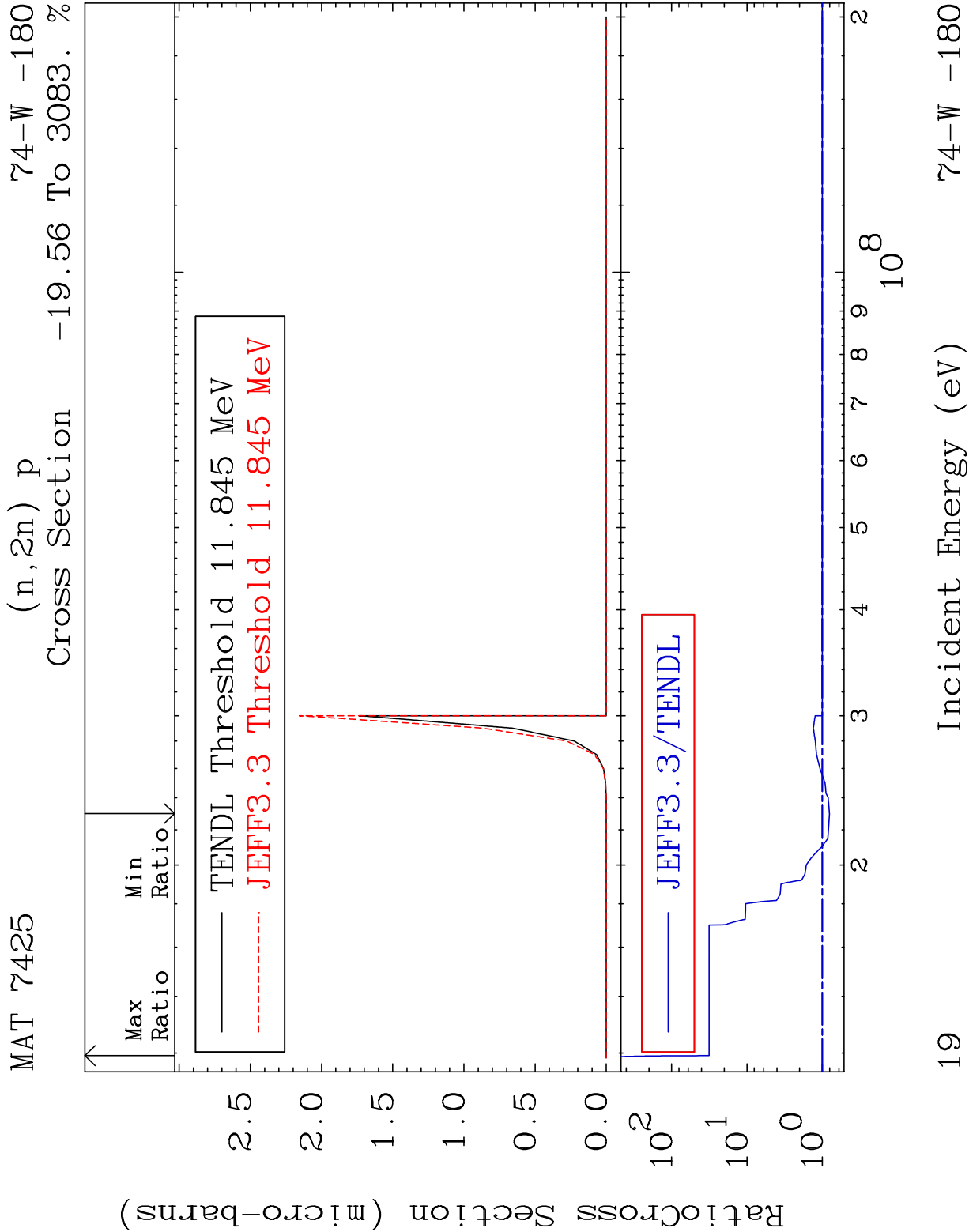
MAT 7425

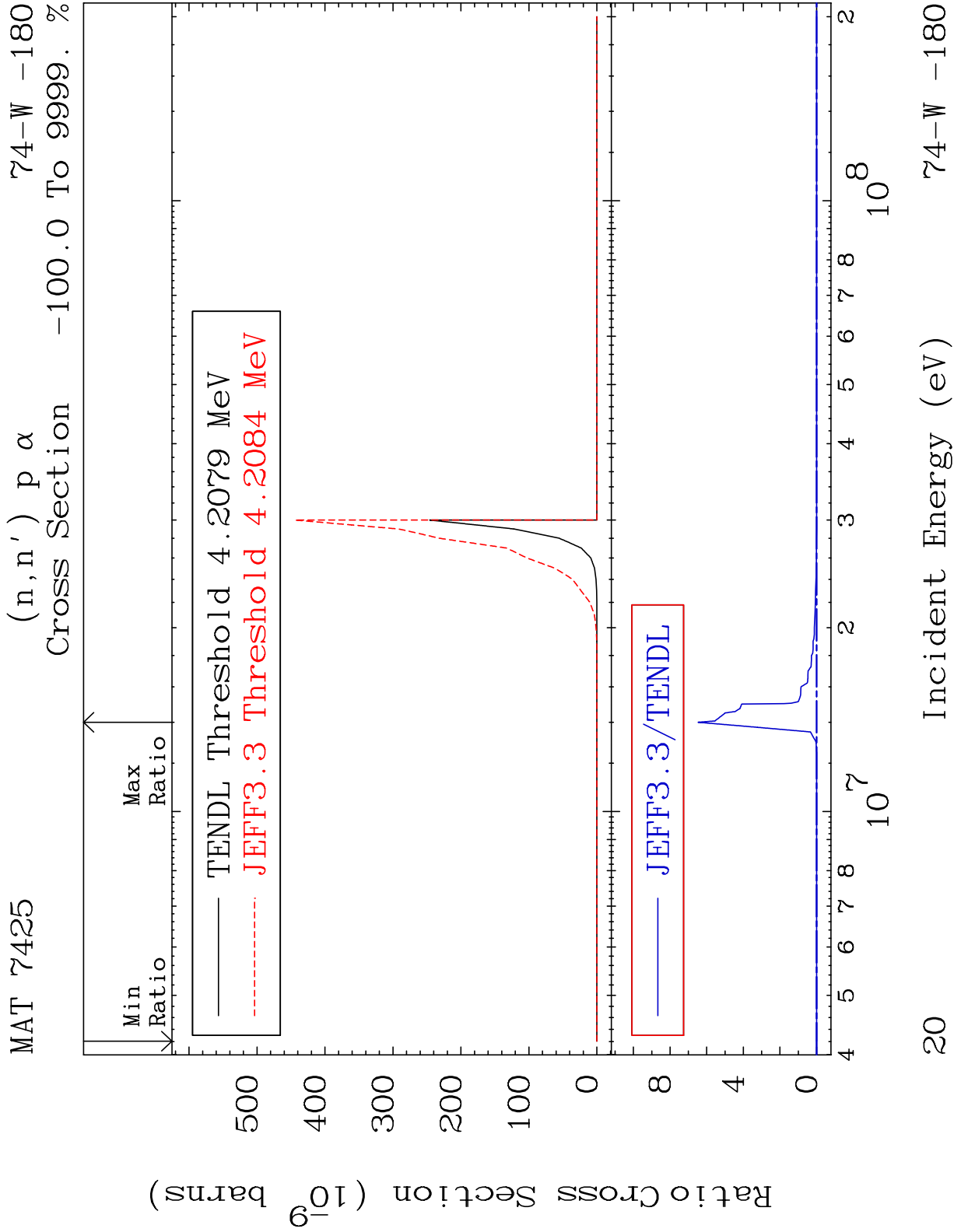
$$(n, 3n) \text{ p}$$

24-W -180

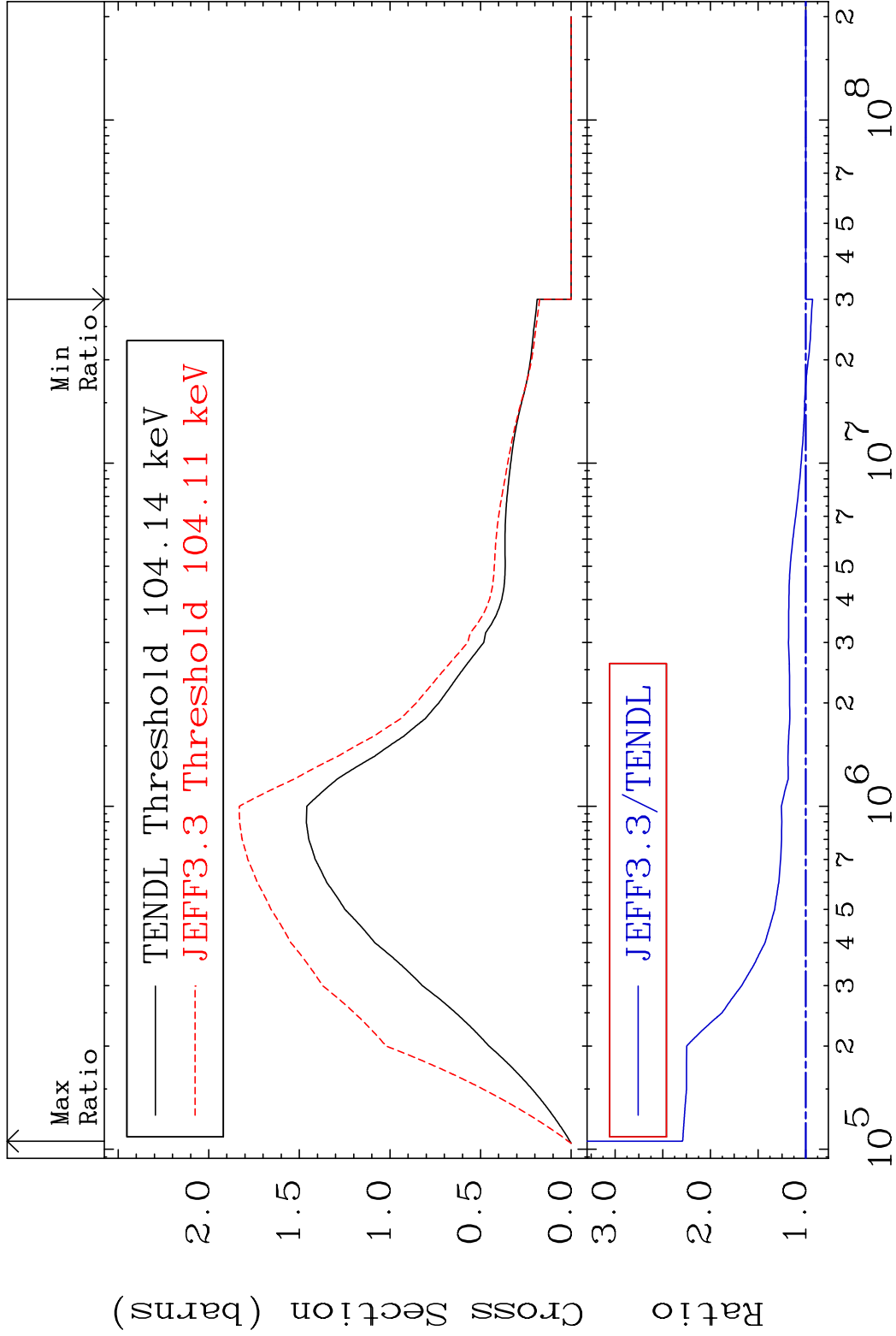
Cross Section 0.000 To 9999. %





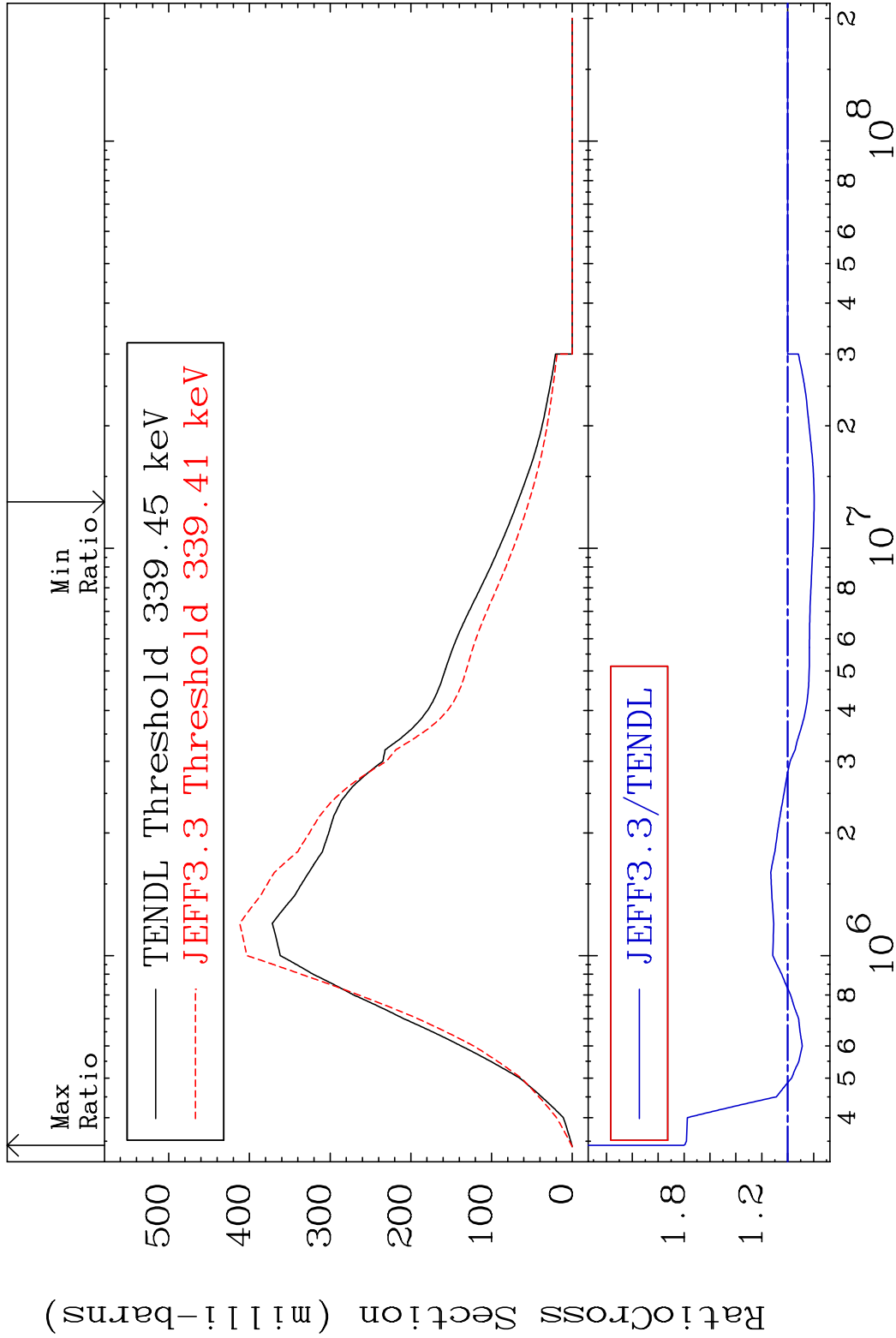


MAT 7425      MT= 51 (n,n') Level      74-W -180  
 Cross Section    -7.109 To 129.4 %

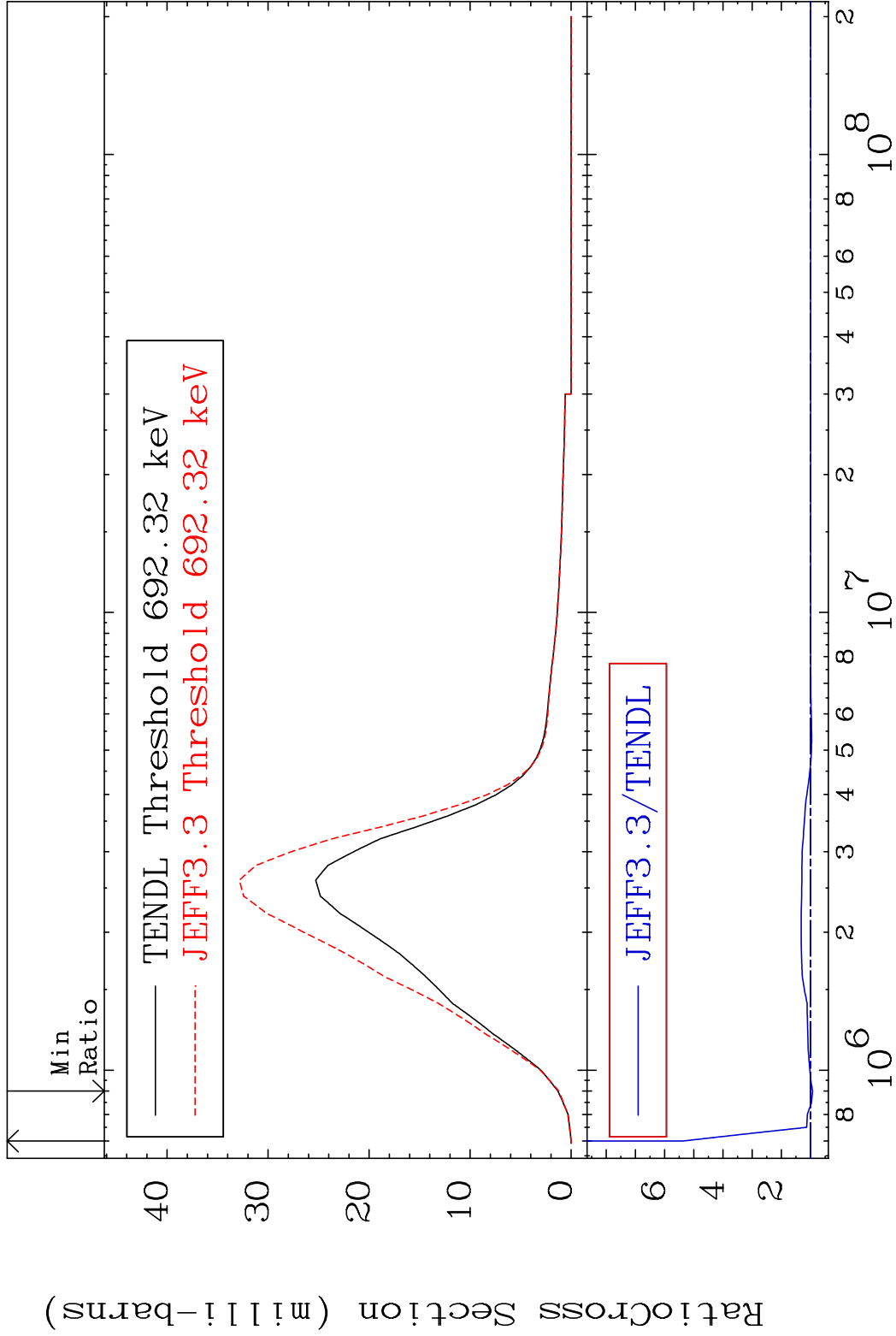


21      Incident Energy (eV)      74-W -180

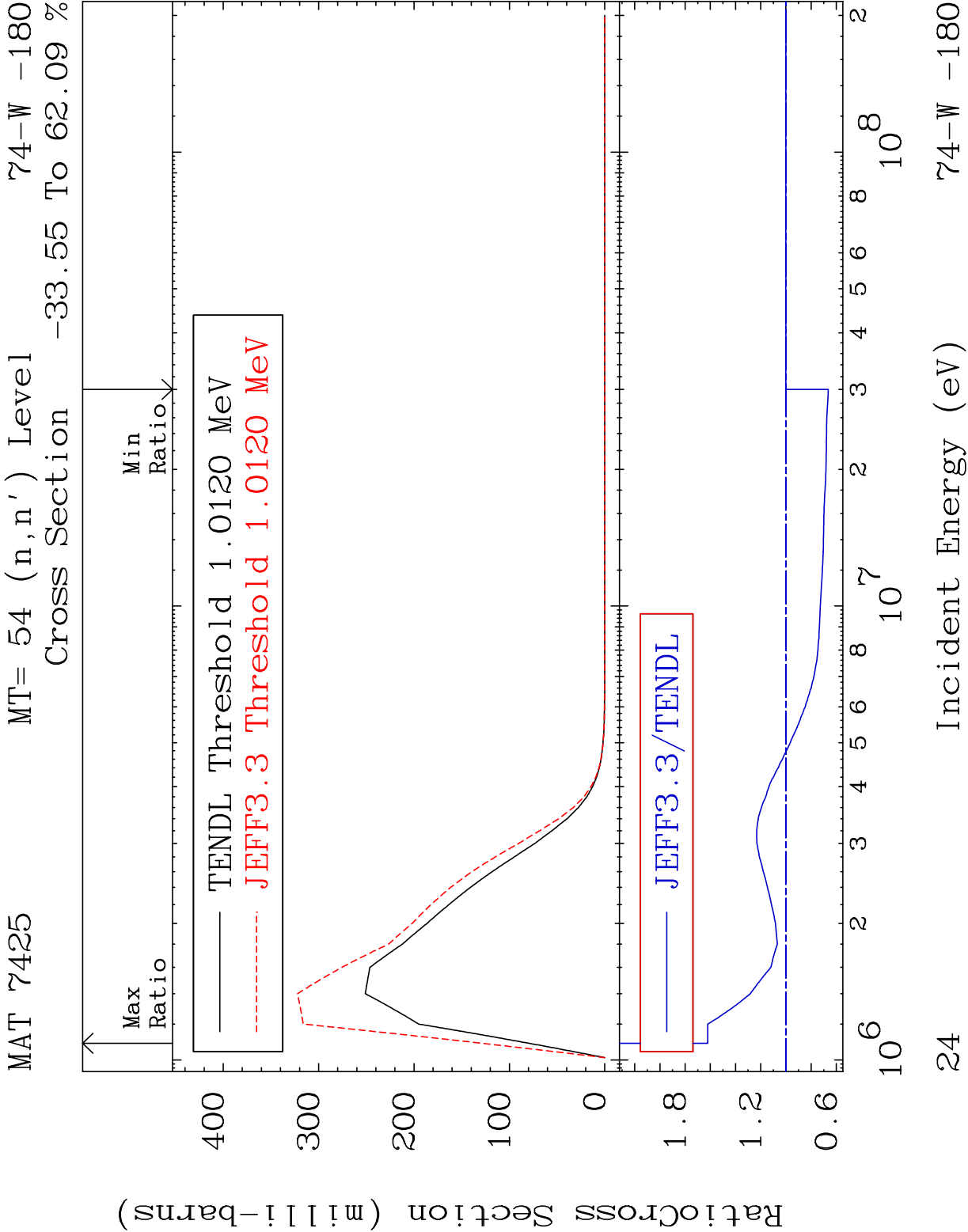
MAT 7425      MT= 52 (n,n') Level      74-W -180  
 Cross Section    -20.39 To 80.33 %



MAT 7425      MT= 53 (n,n') Level      74-W -180  
Cross Section    -6.924 To 439.1 %



23      Incident Energy (eV)      74-W -180



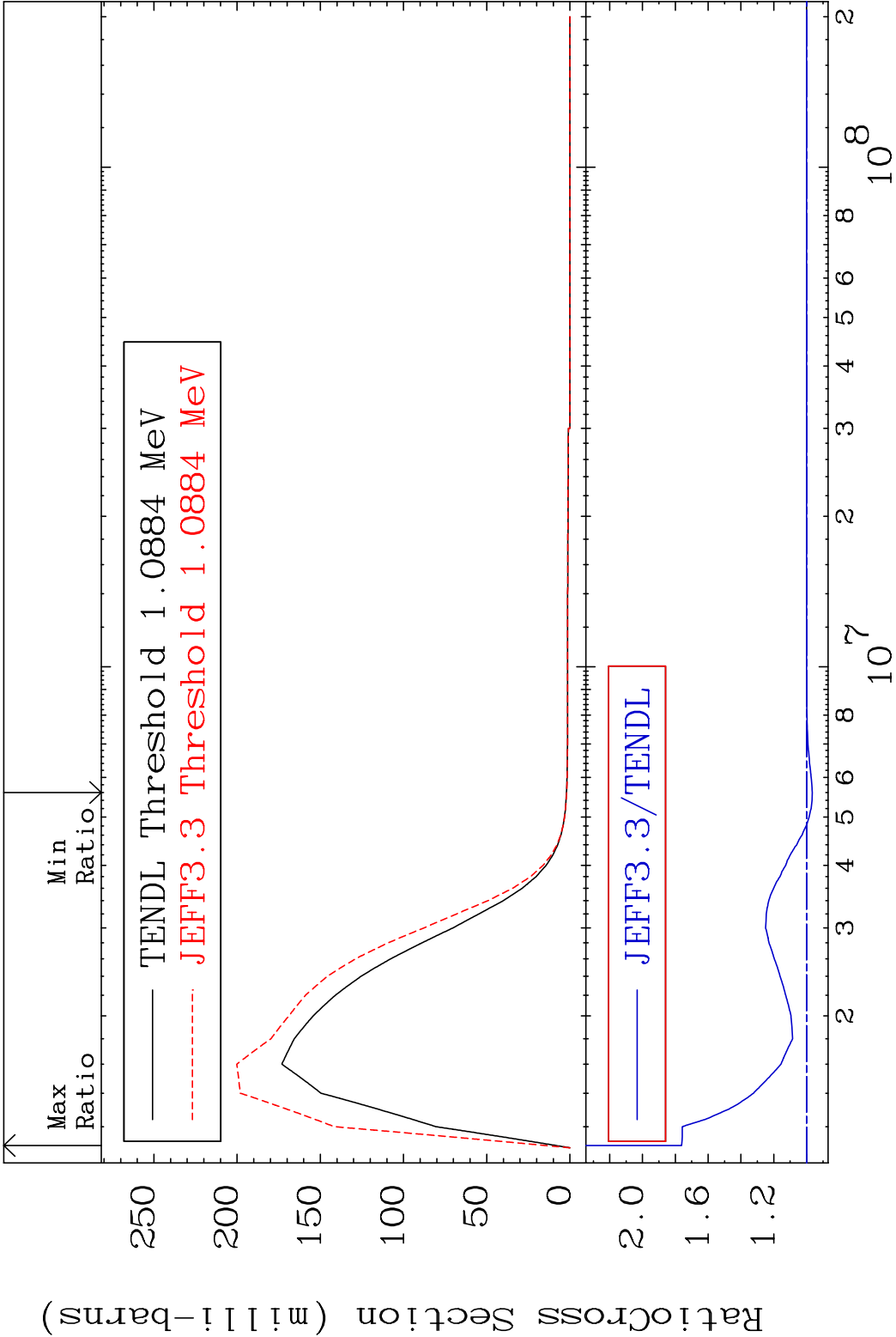
MAT 7425

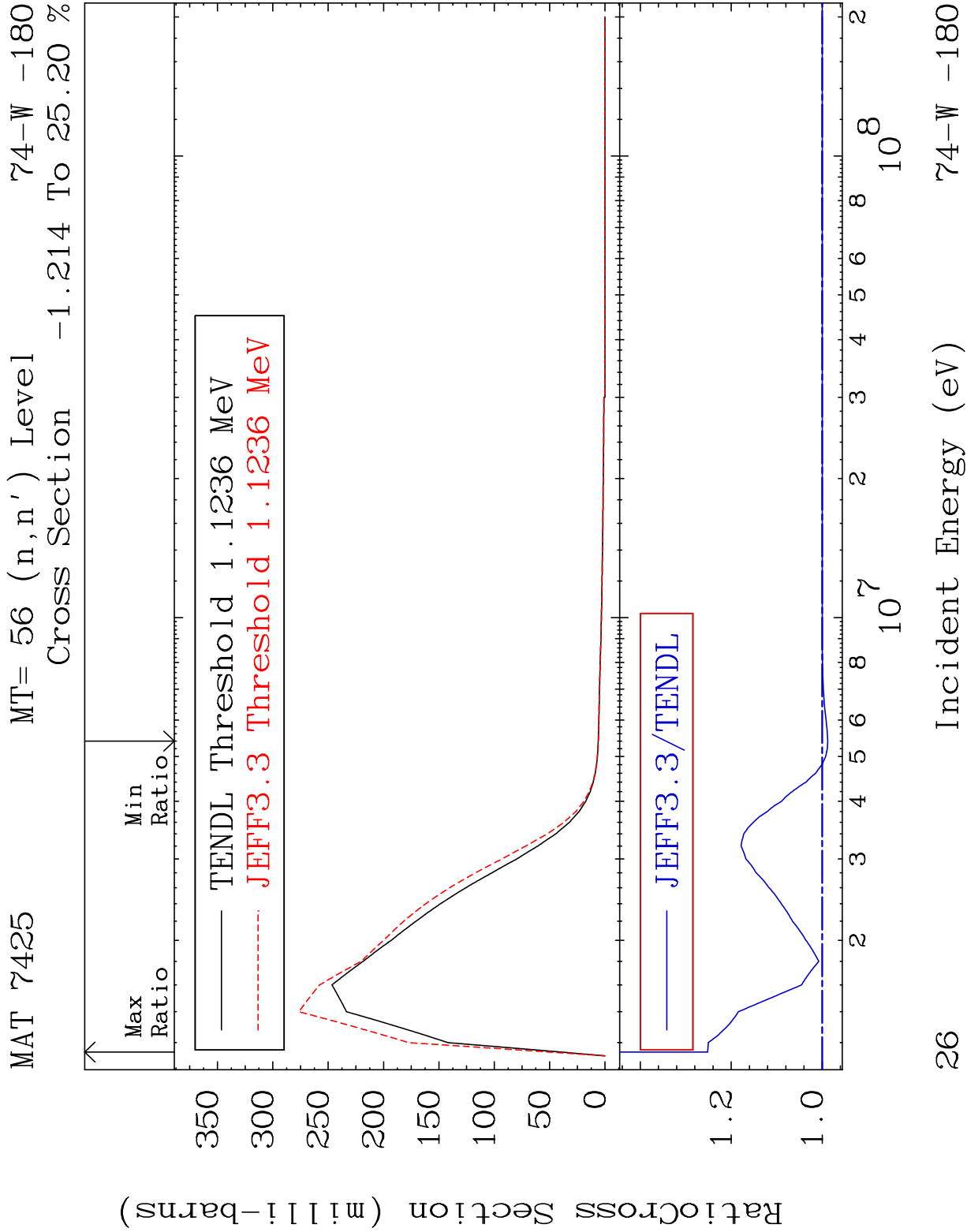
MT= 55 (n,n') Level

74-W -180

Cross Section

-3.469 To 76.22 %





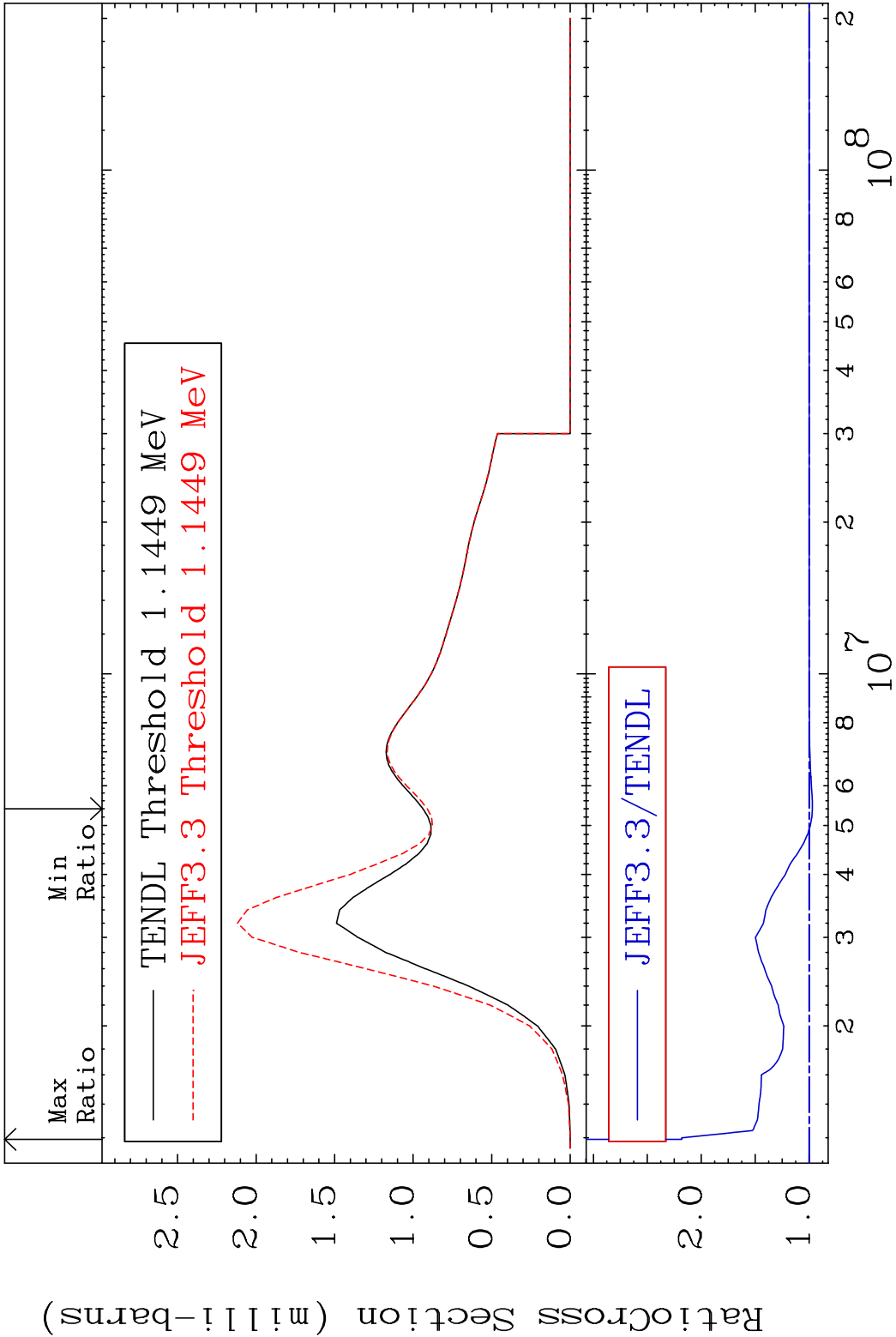
MAT 7425

MT= 57 (n,n') Level

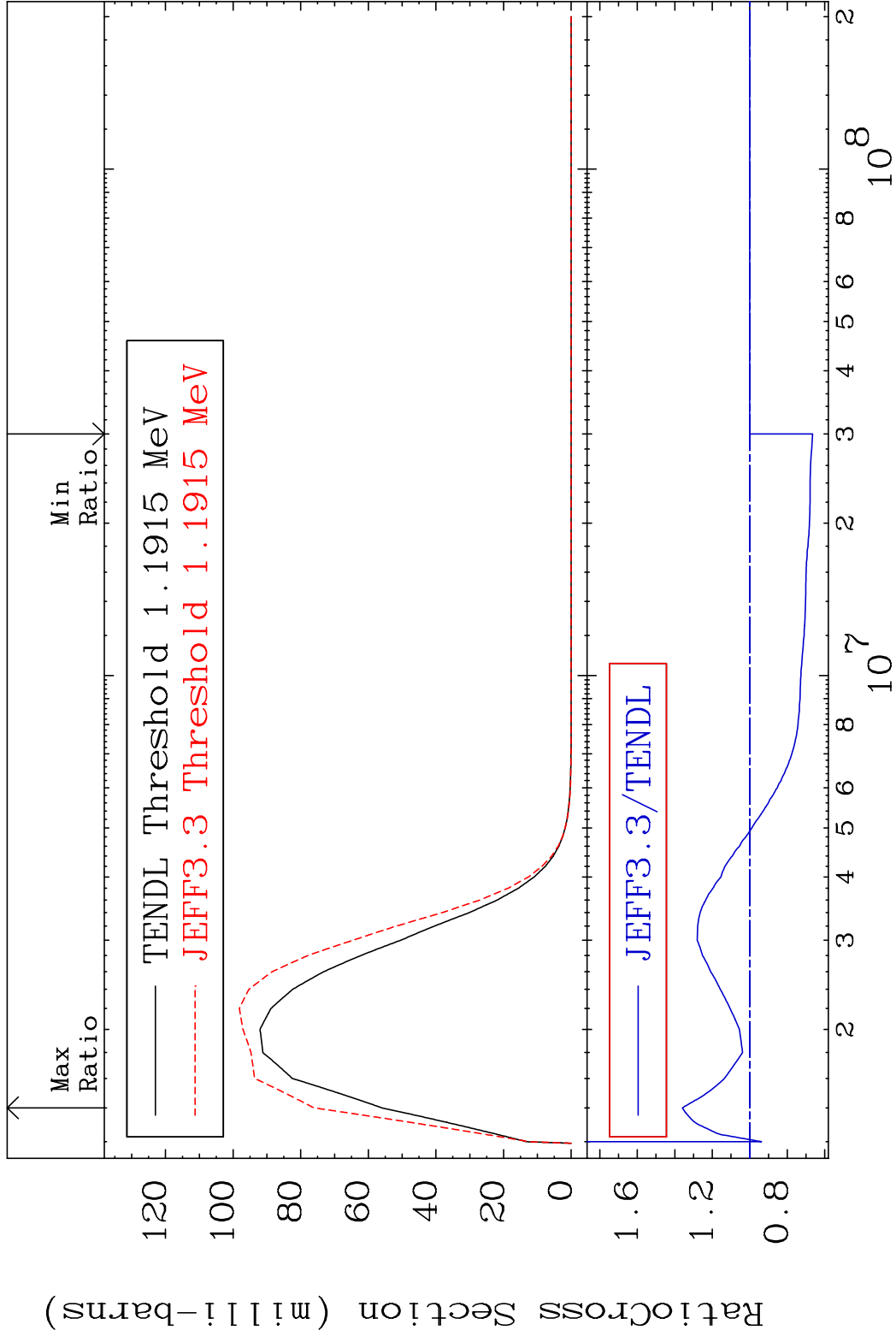
74-W -180

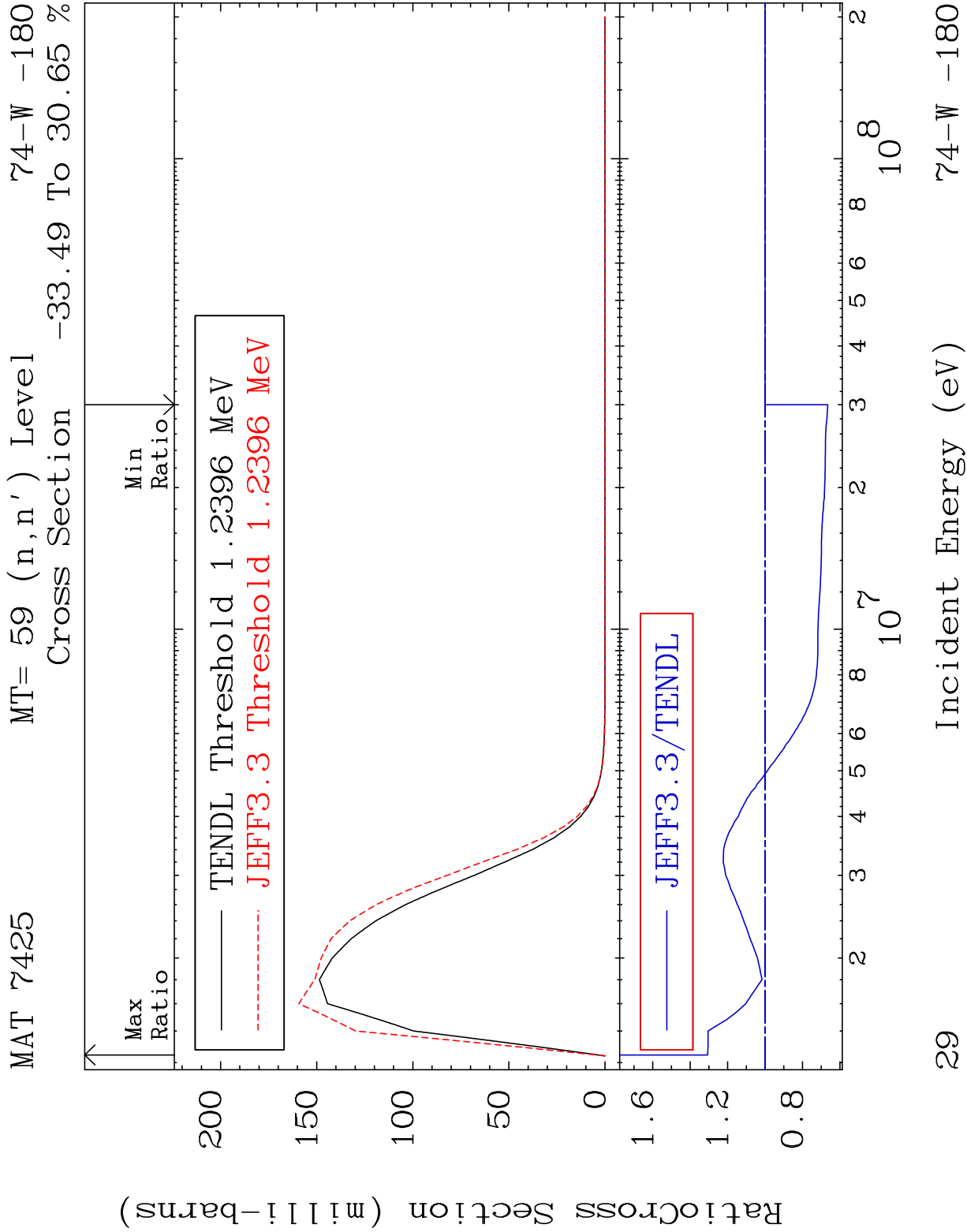
Cross Section

-2.929 To 118.1 %

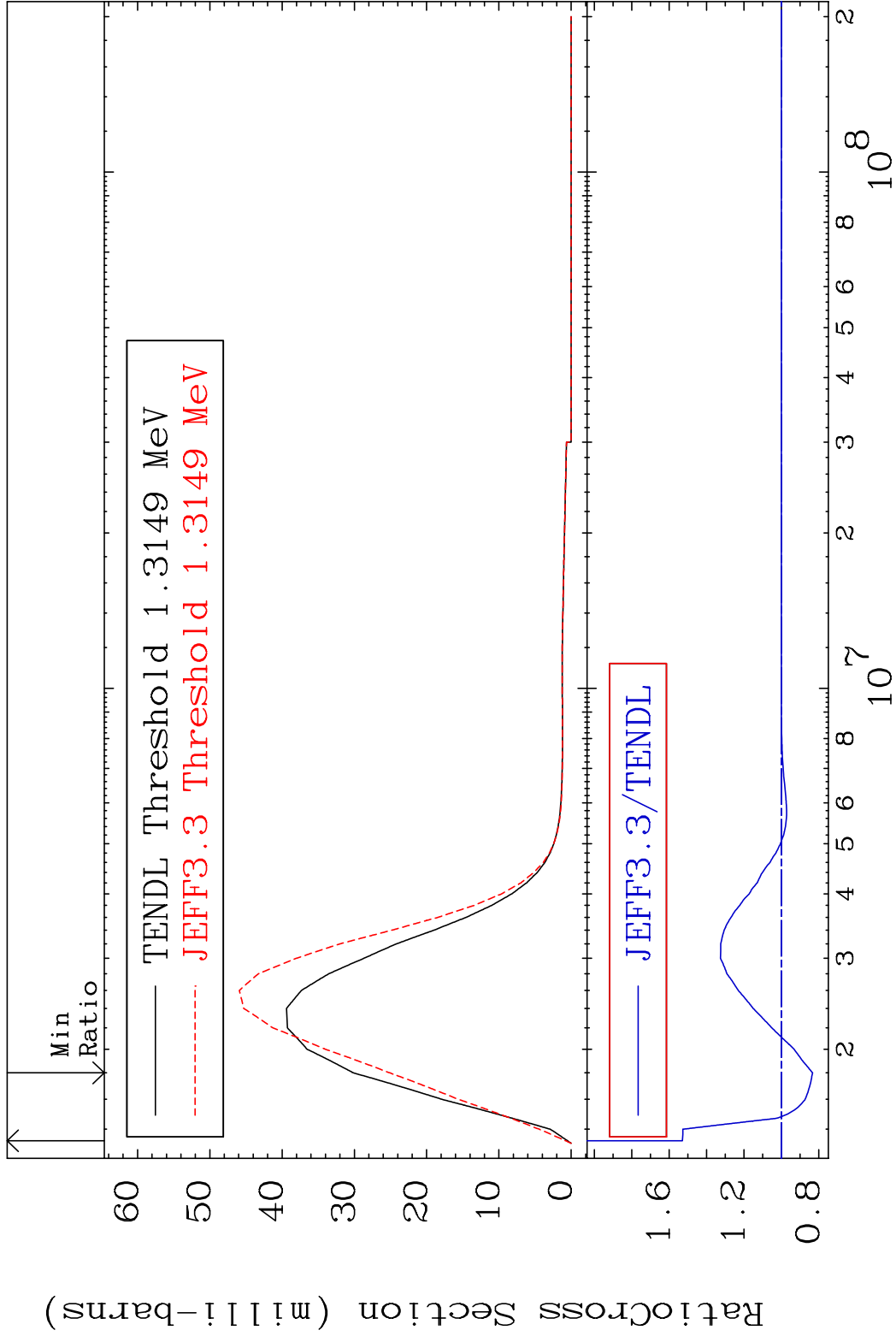


MAT 7425      MT= 58 (n,n') Level      74-W -180  
 Cross Section      -33.49 To 35.96 %





MAT 7425      MT= 60 (n,n') Level      74-W -180  
Cross Section      -16.73 To 52.93 %



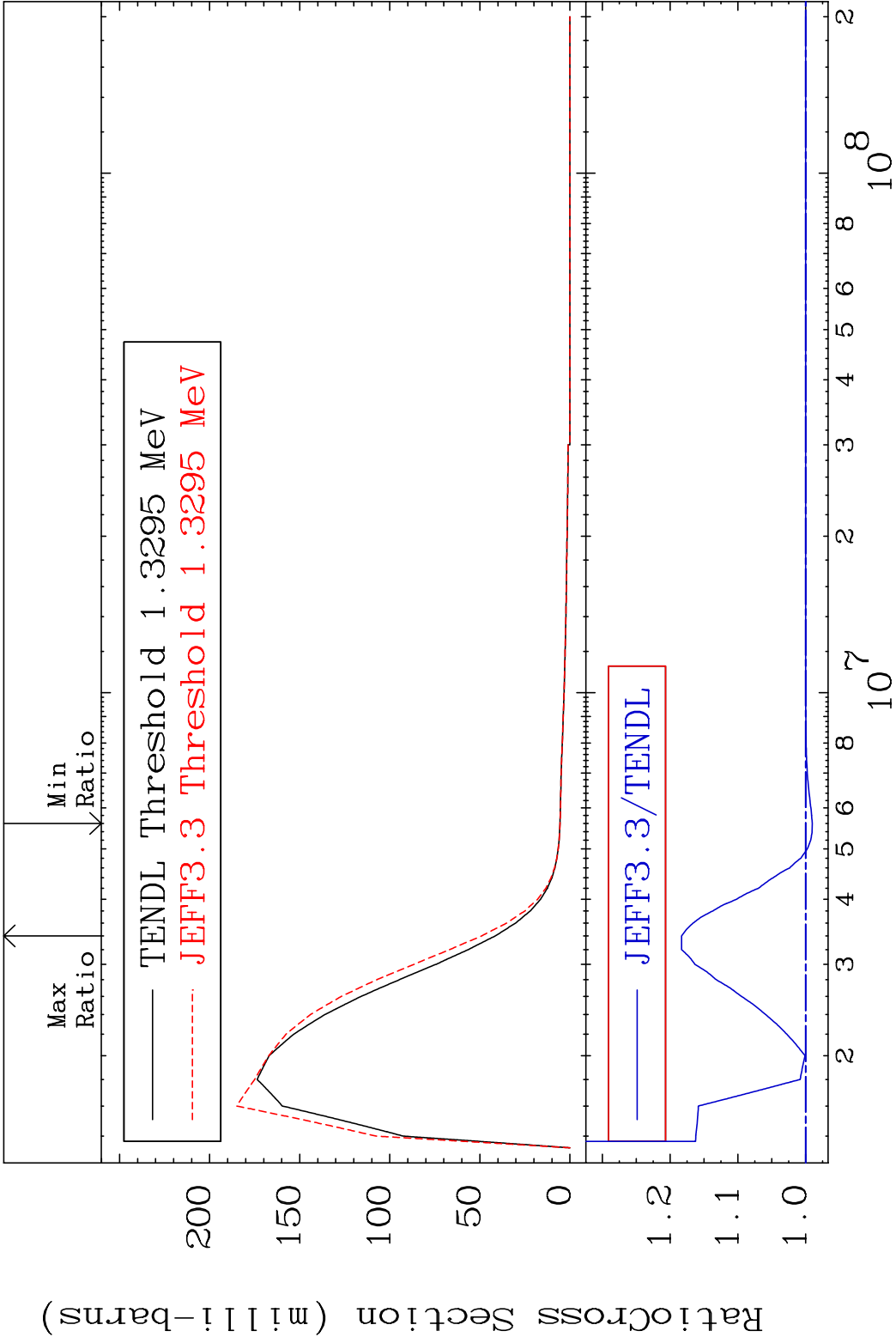
MAT 7425

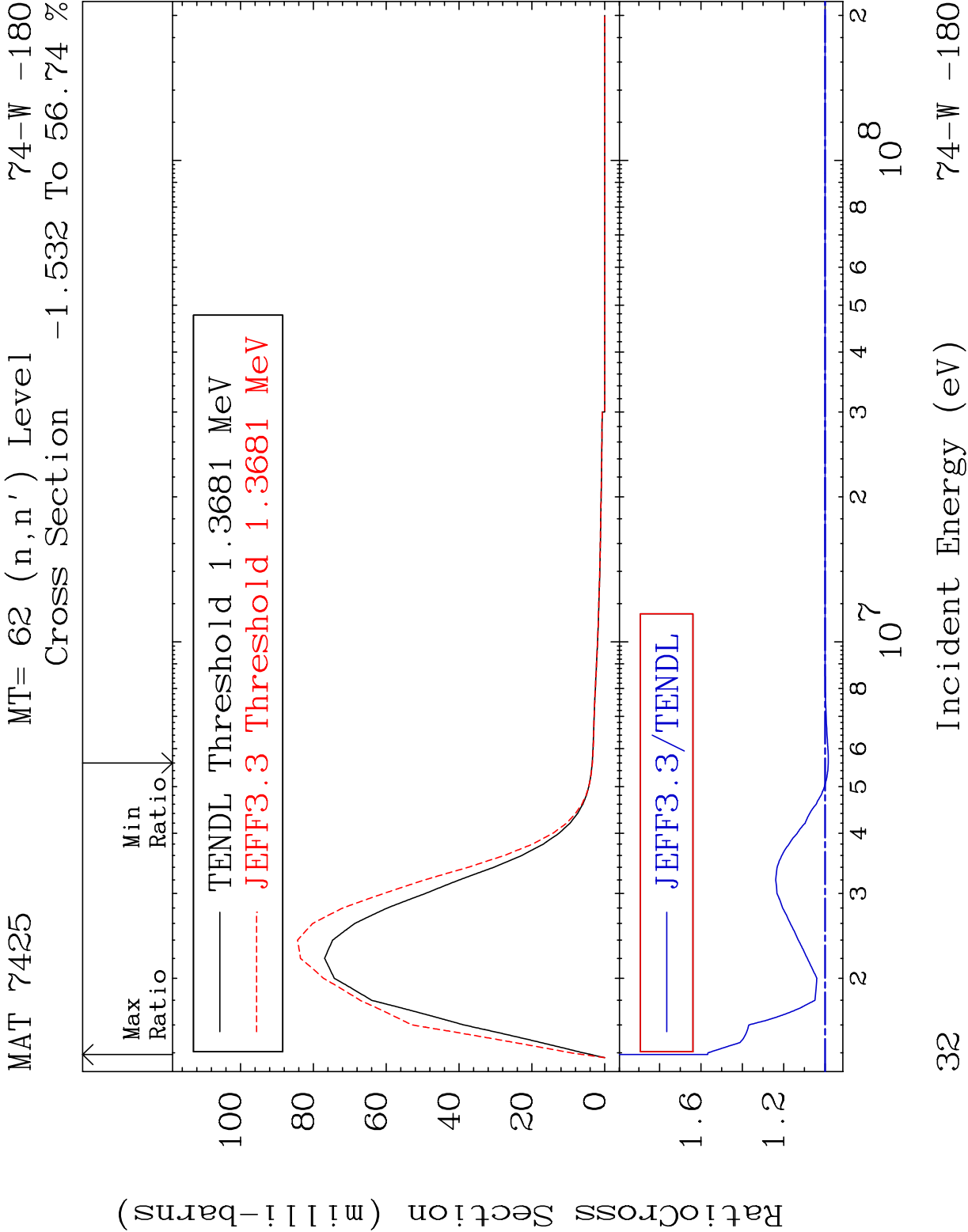
MT= 61 (n,n' ) Level

74-W -180

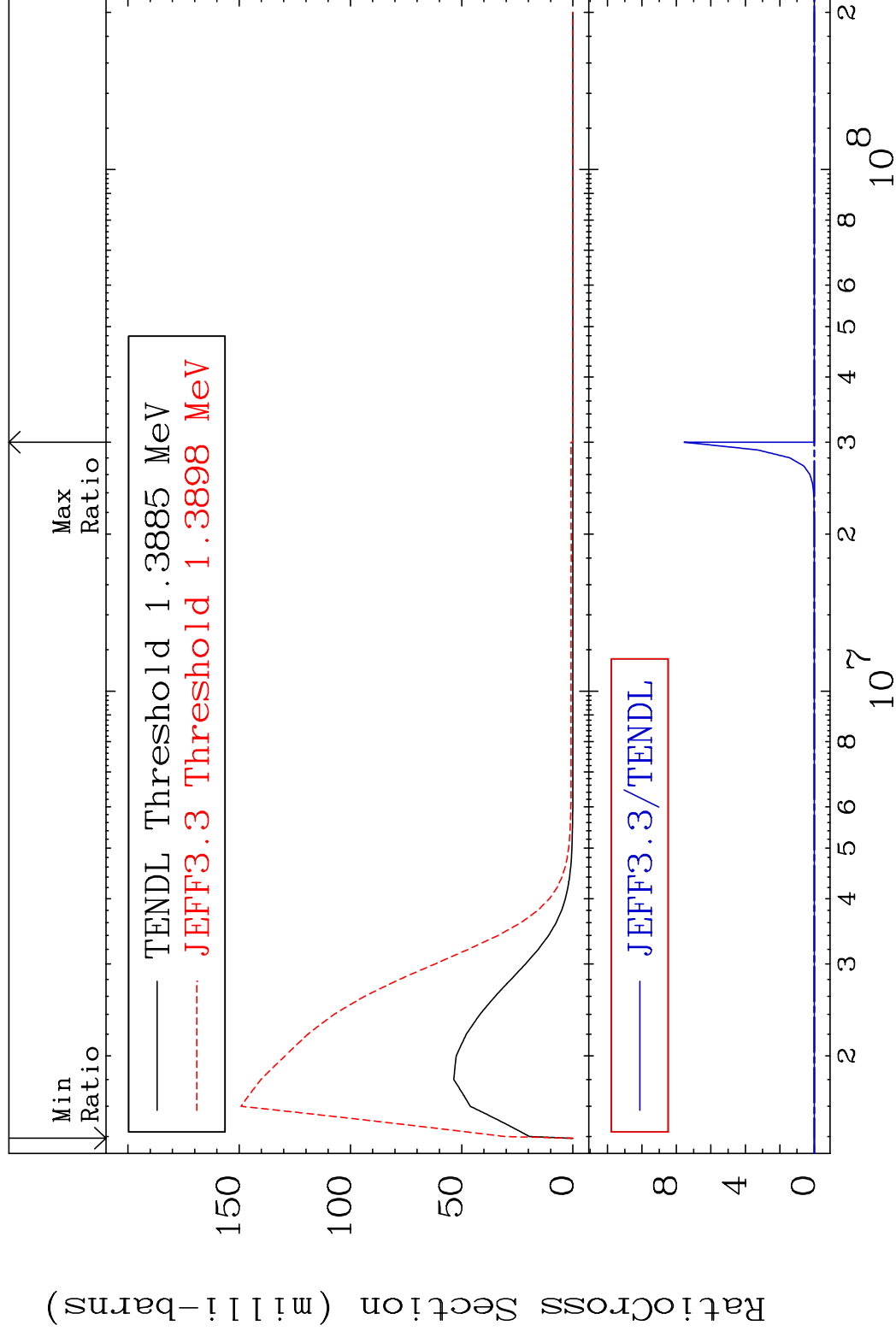
Cross Section

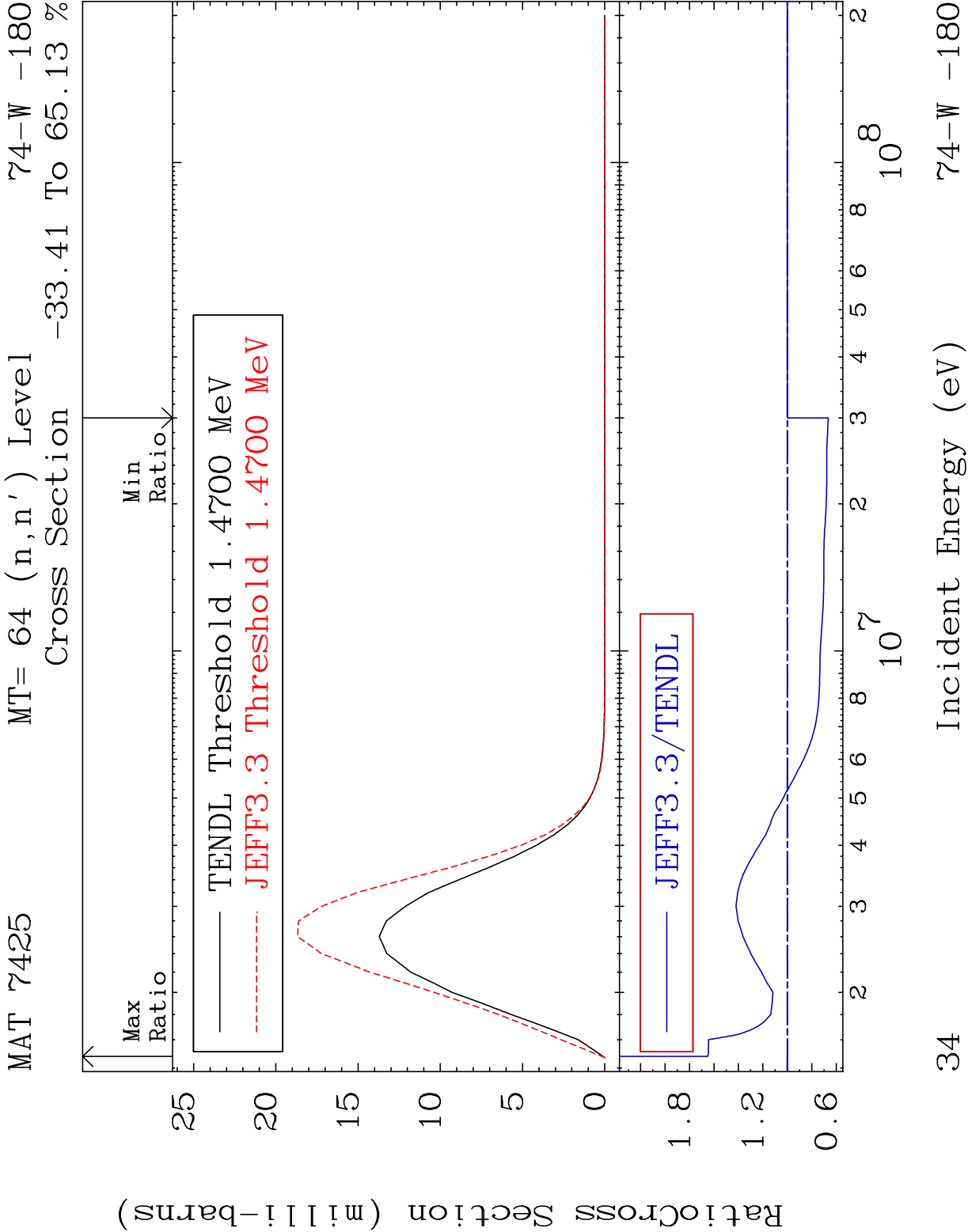
-0.973 To 18.32 %

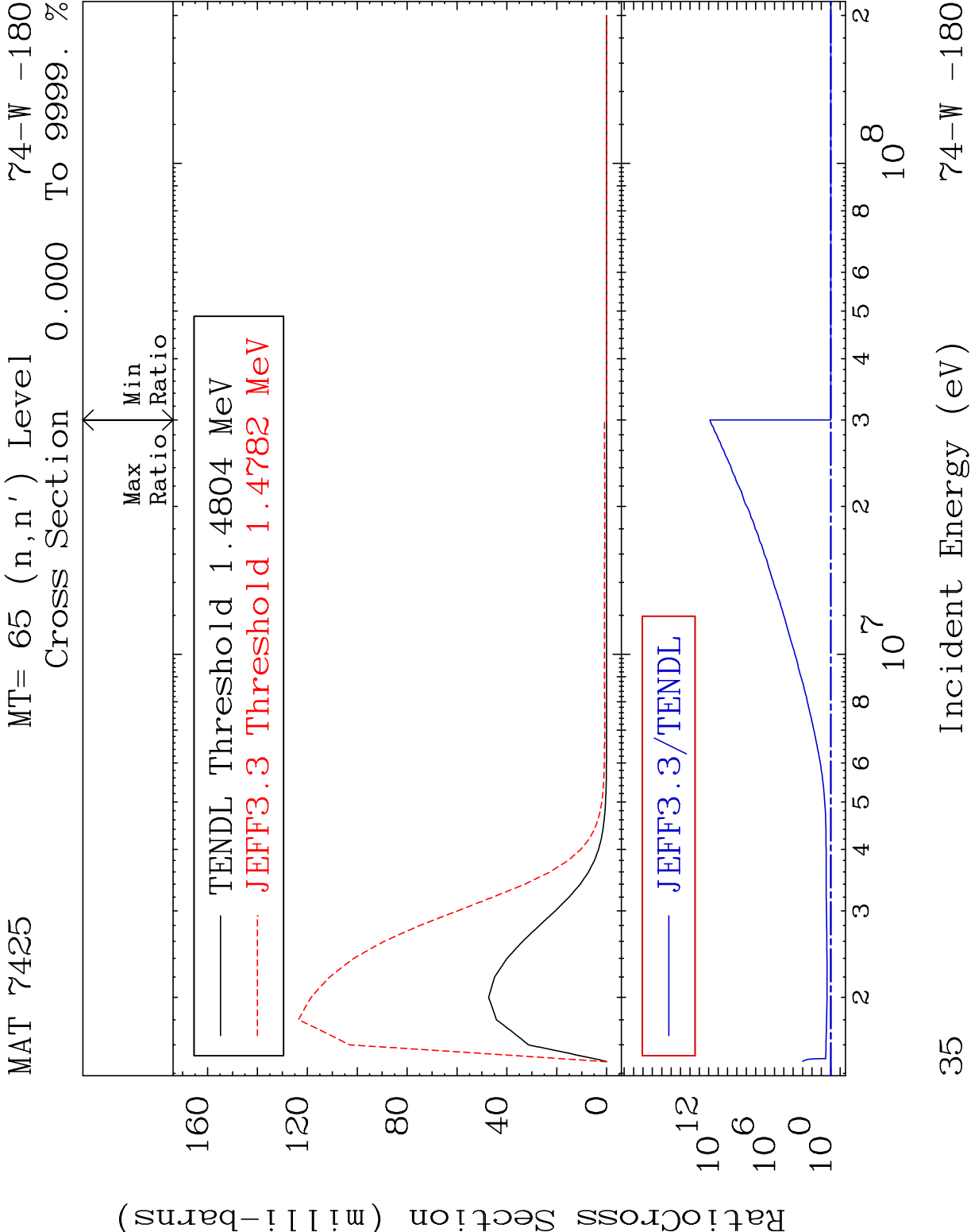




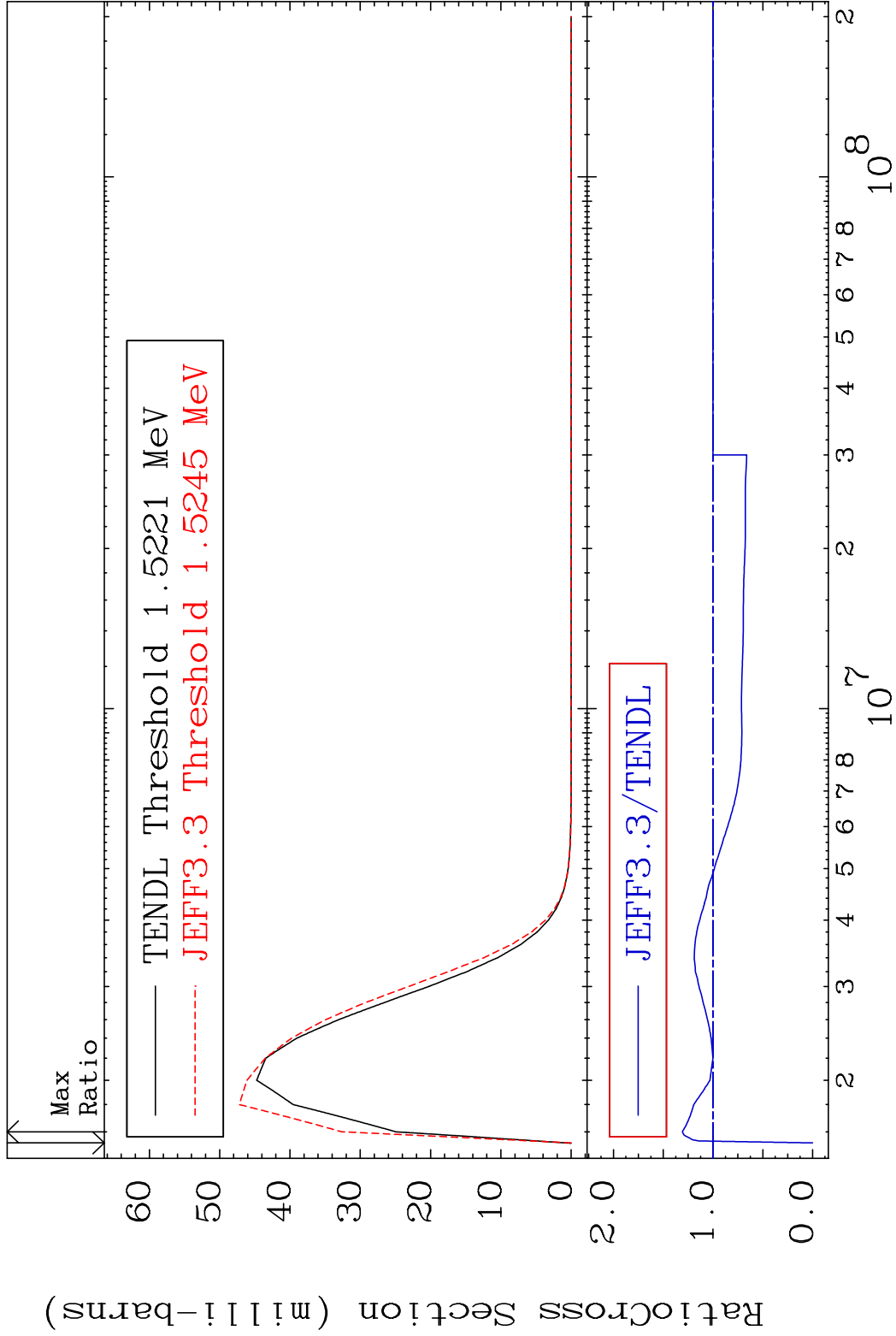
Cross Section -100.0 To 9999. %

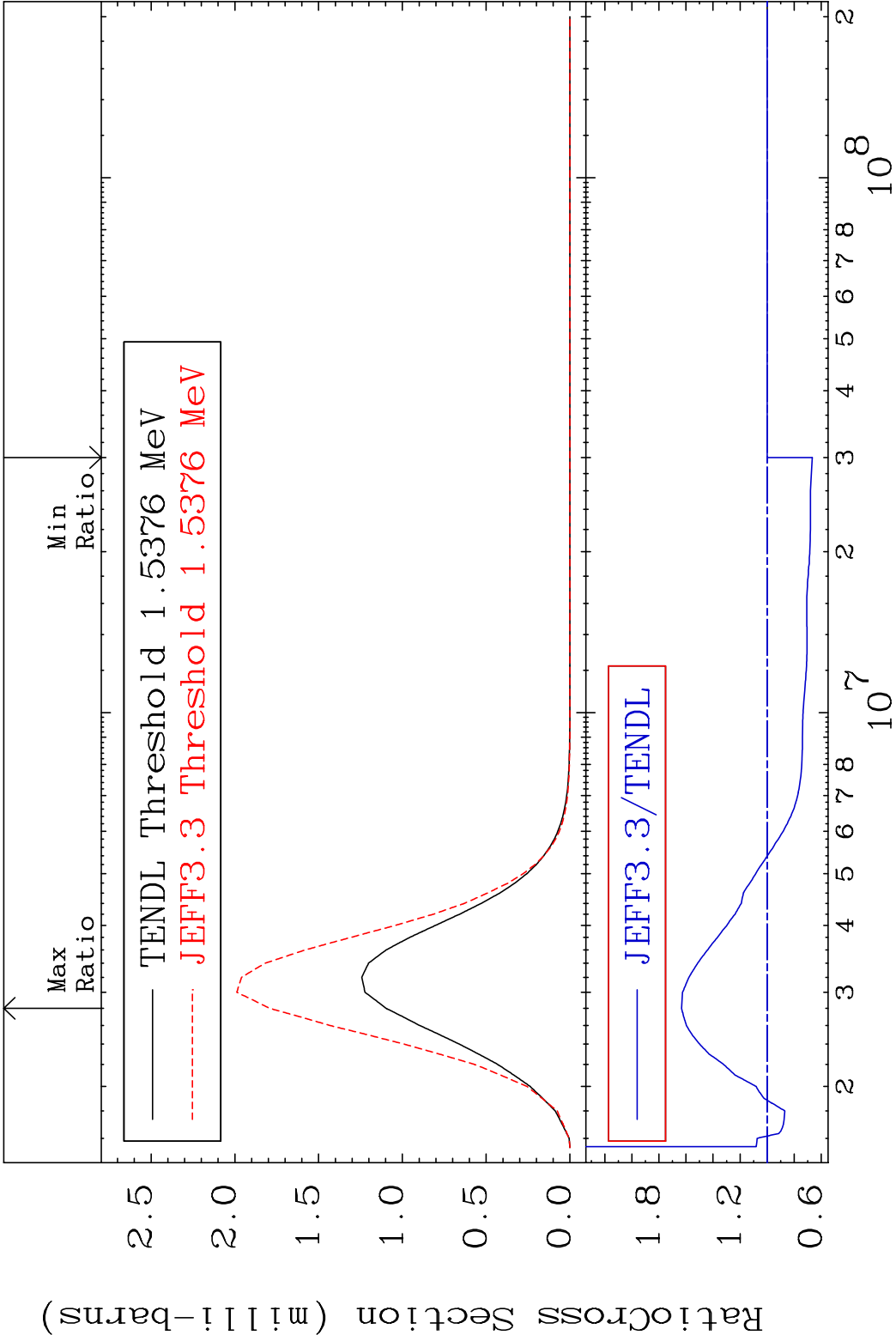




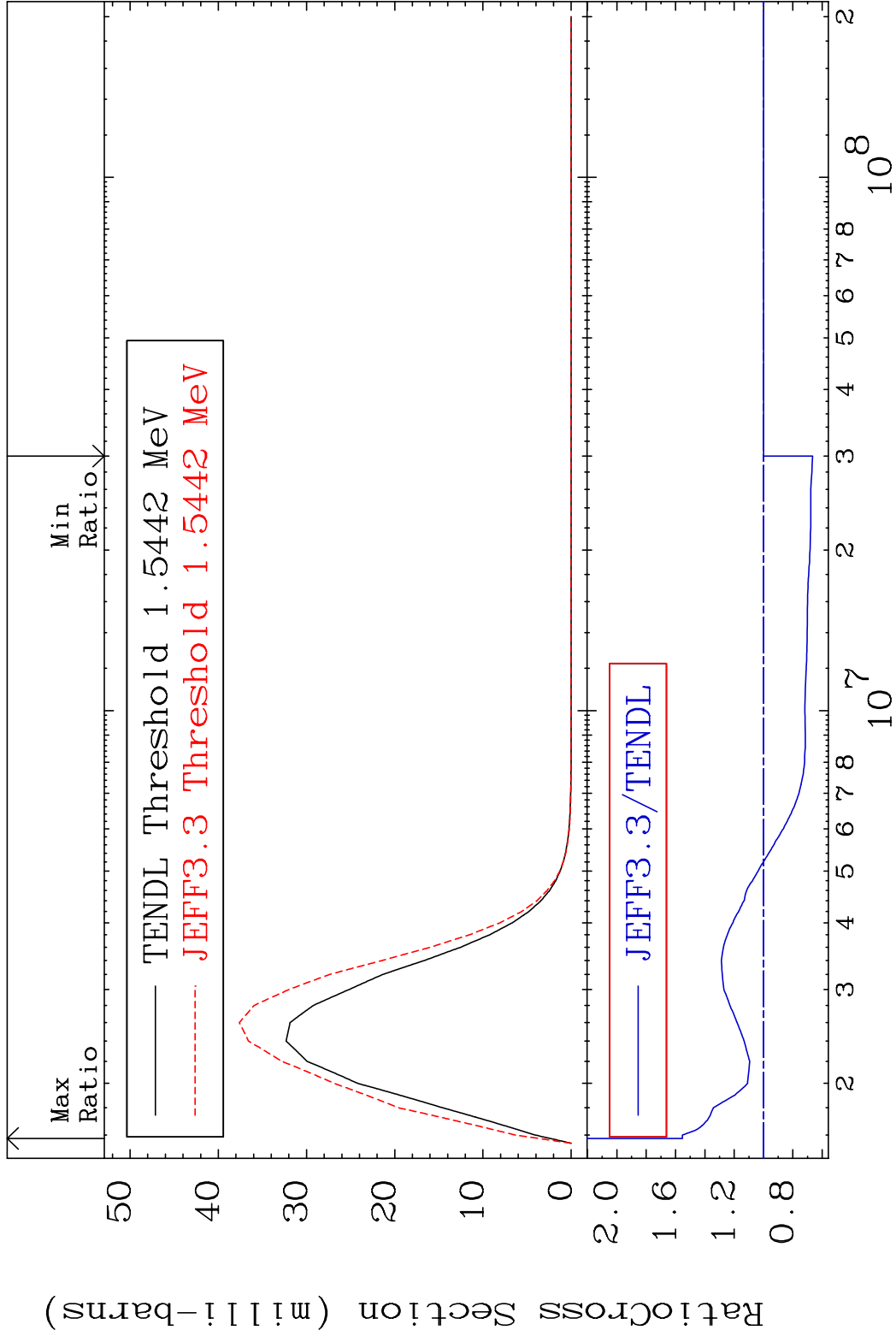


MAT 7425      MT= 66 (n,n') Level      74-W -180  
 Cross Section      -100.0 To 30.82 %





MAT 7425      MT= 68 (n,n') Level      74-W -180  
Cross Section      -33.42 To 55.35 %



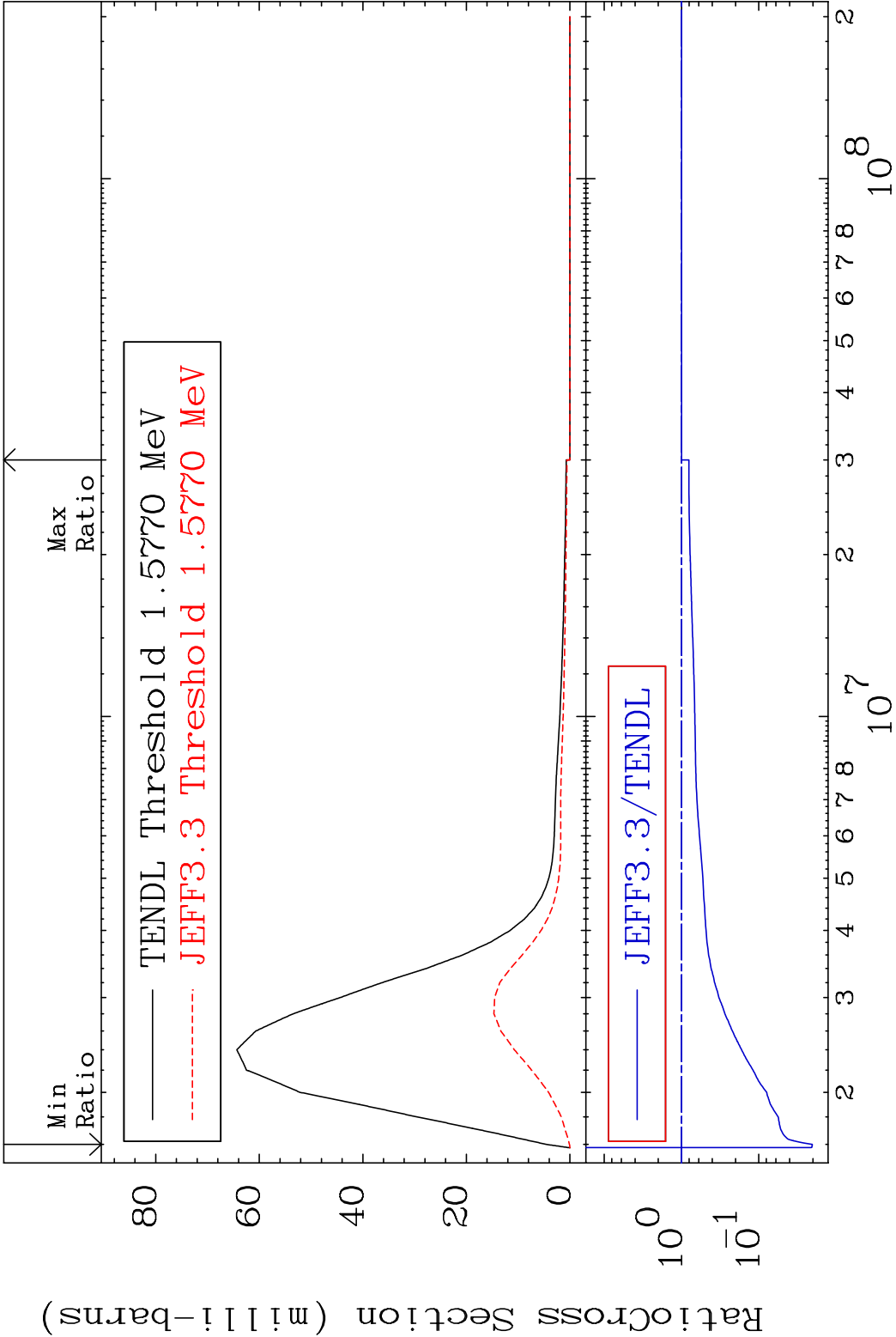
MAT 7425

MT= 69 (n,n') Level

74-W -180

Cross Section

-97.96 To 0.000 %



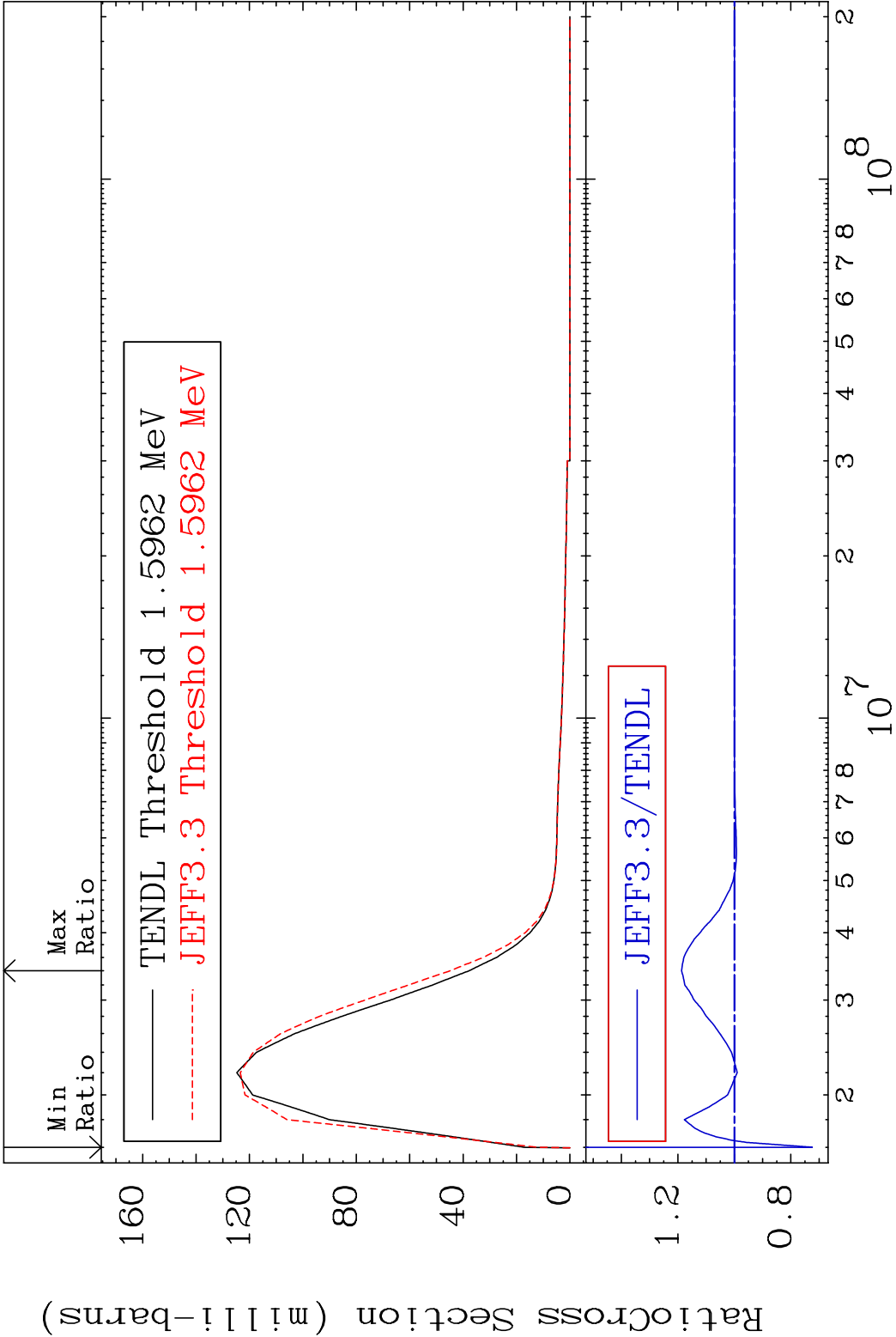
MAT 7425

MT= 70 (n,n') Level

74-W -180

Cross Section

-27.57 To 18.70 %

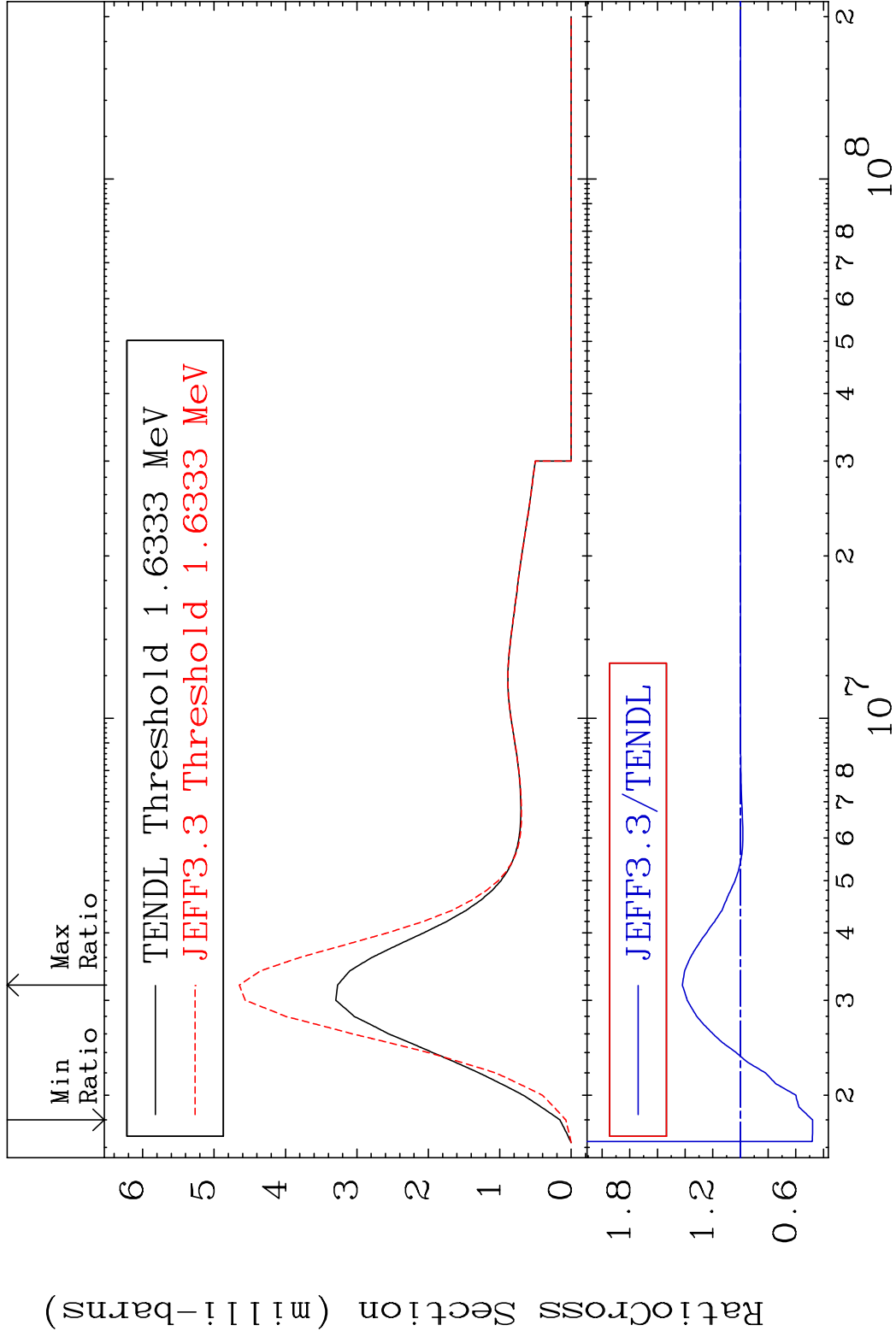


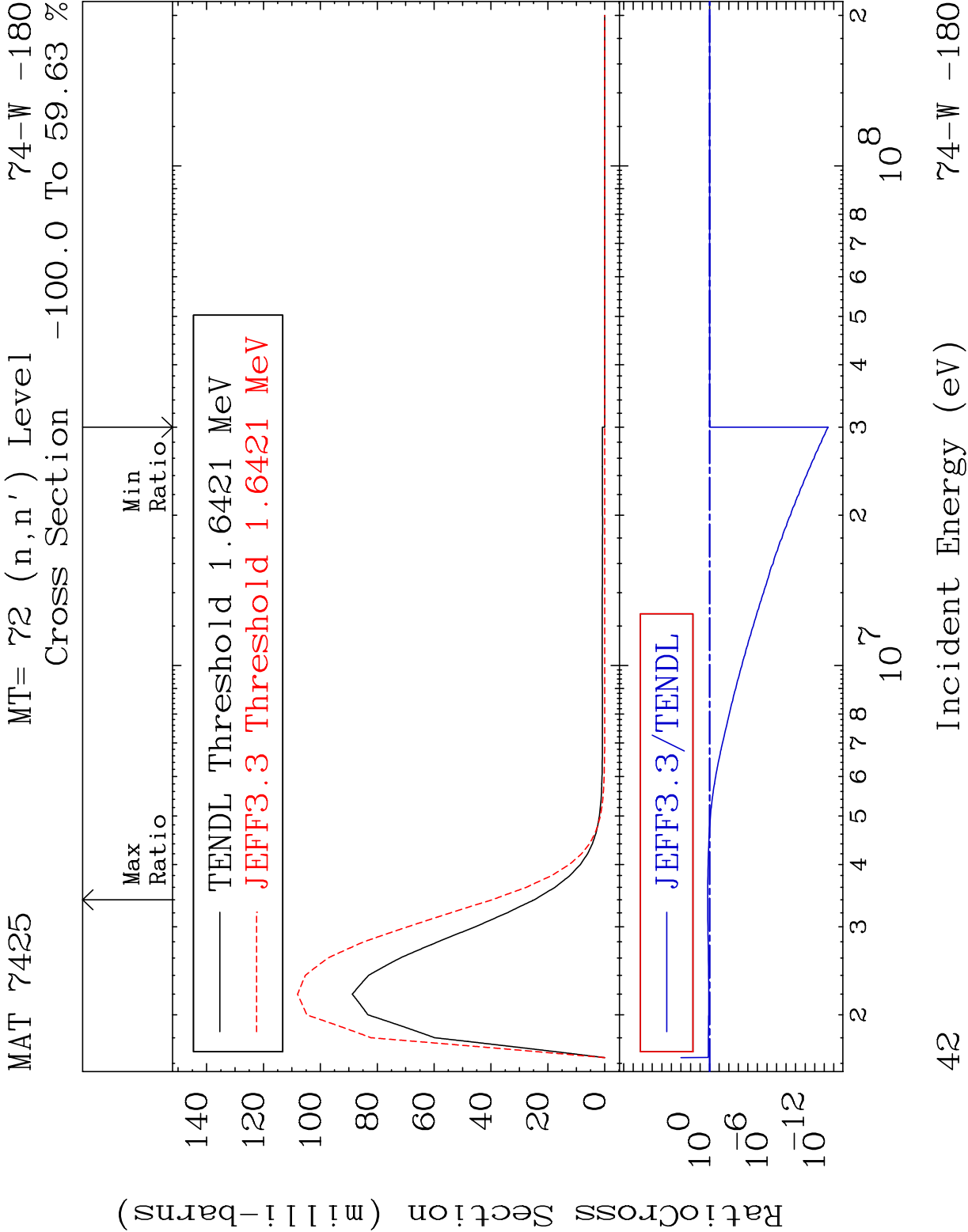
40

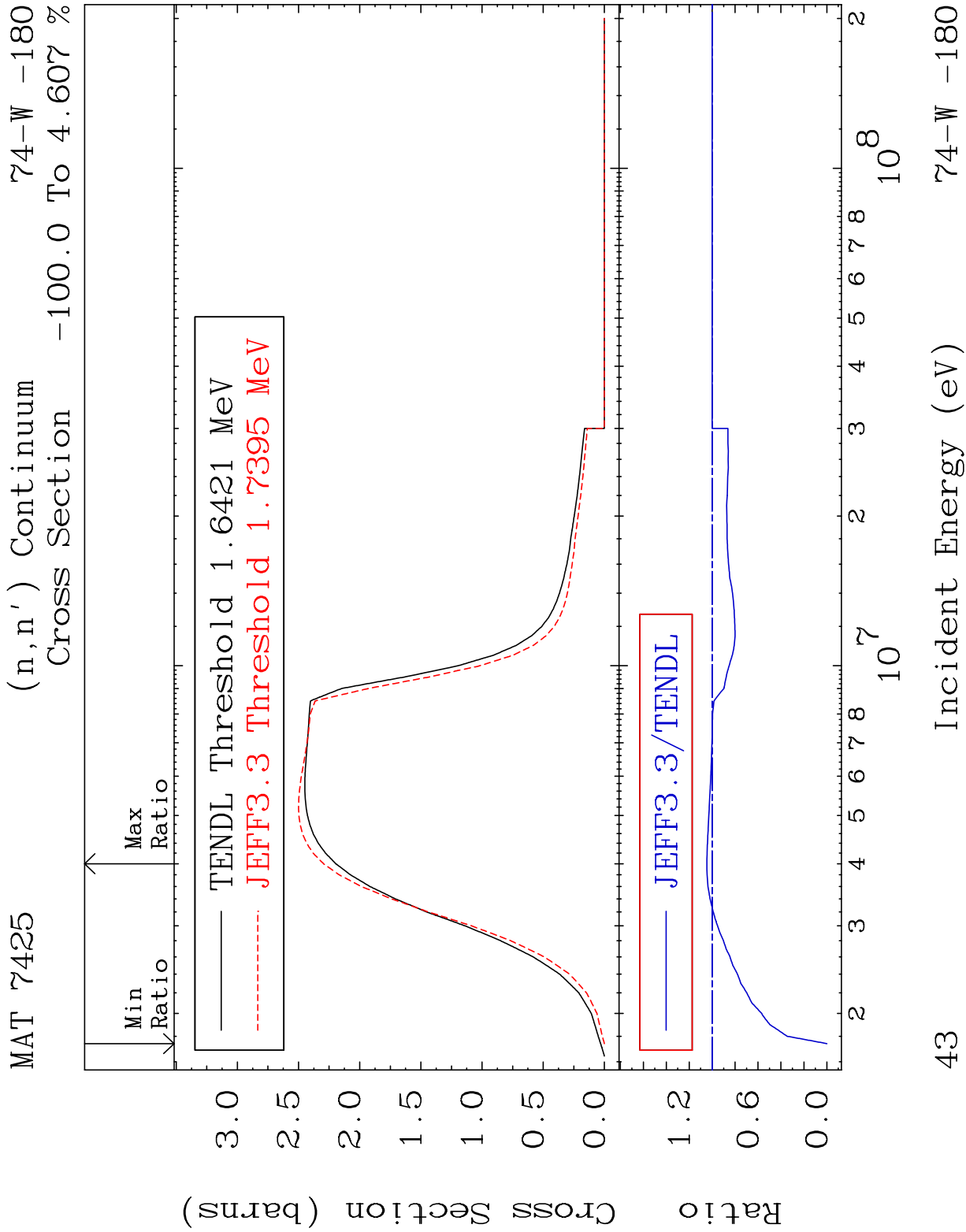
Incident Energy (eV)

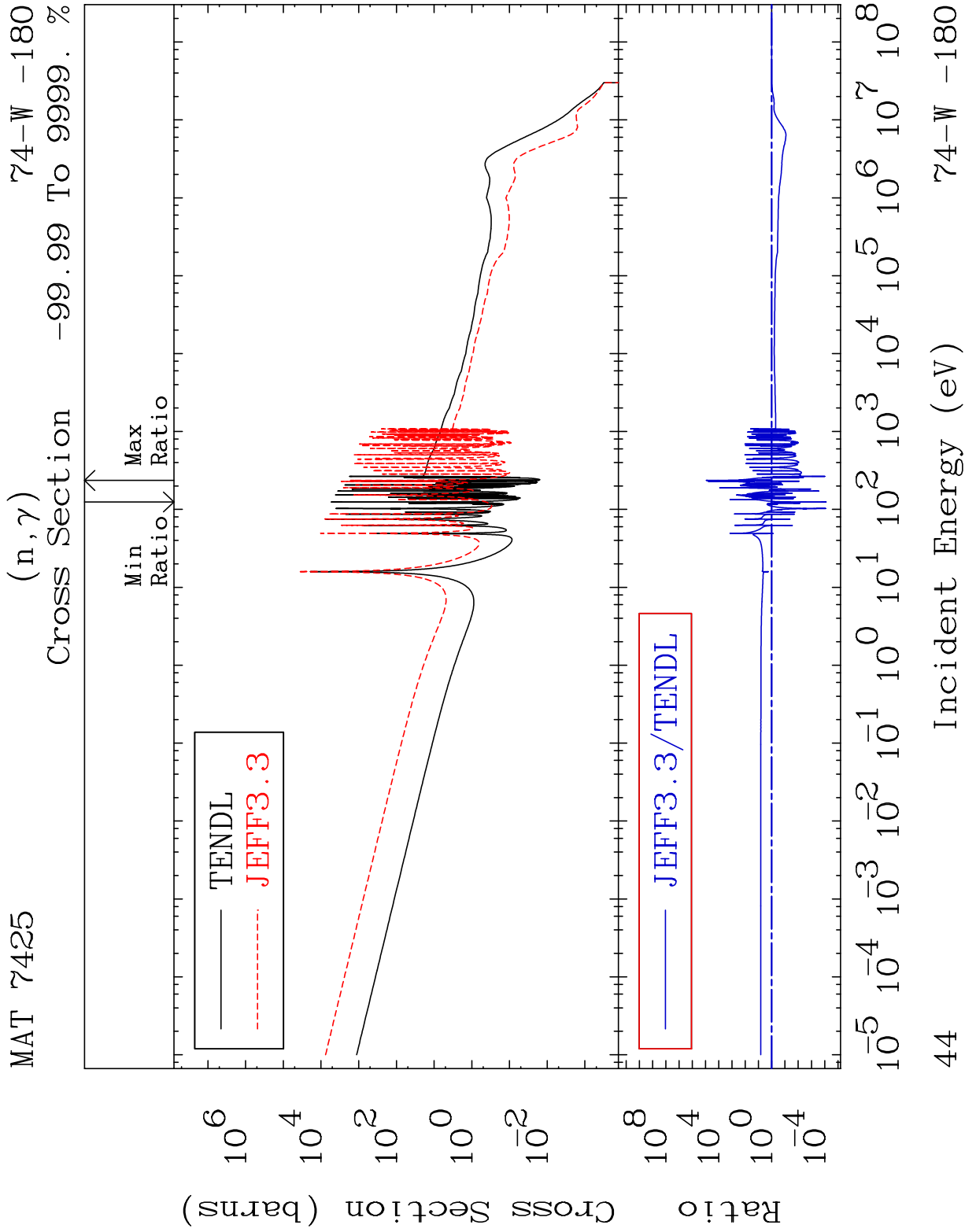
74-W -180

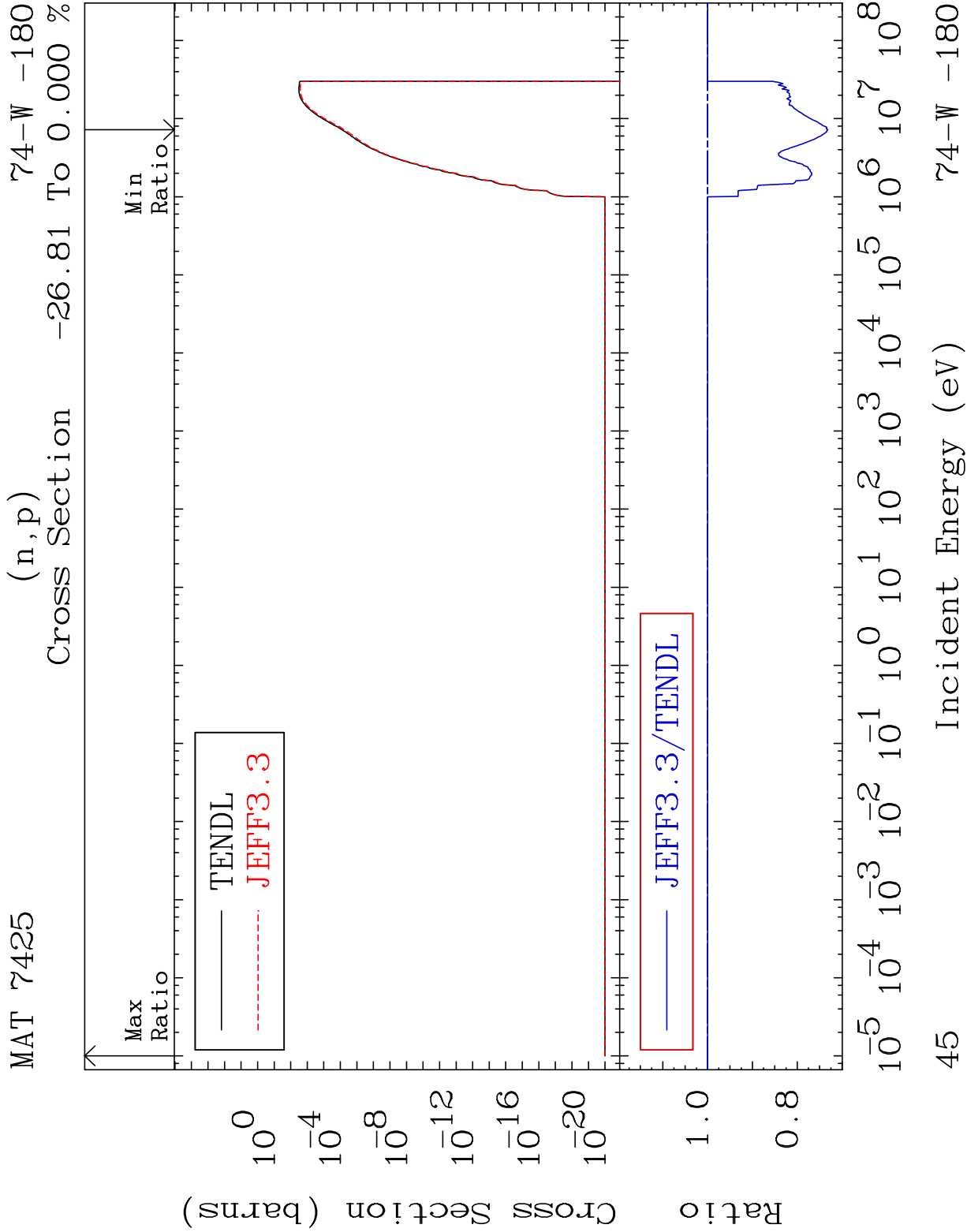
|          |               |                   |           |
|----------|---------------|-------------------|-----------|
| MAT 7425 | MT= 71 (n,n') | Level             | 74-W -180 |
|          | Cross Section | -52.08 To 42.02 % |           |

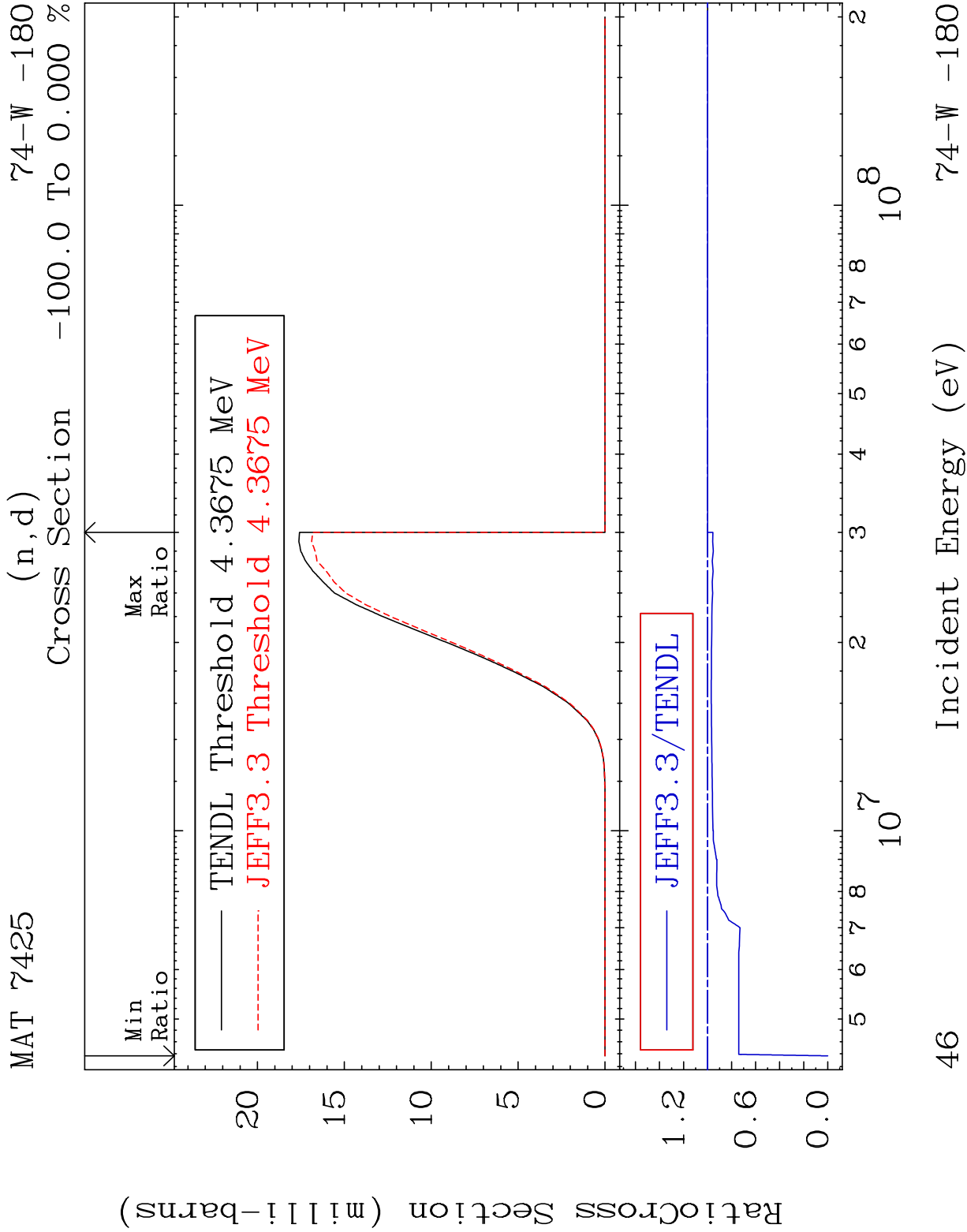


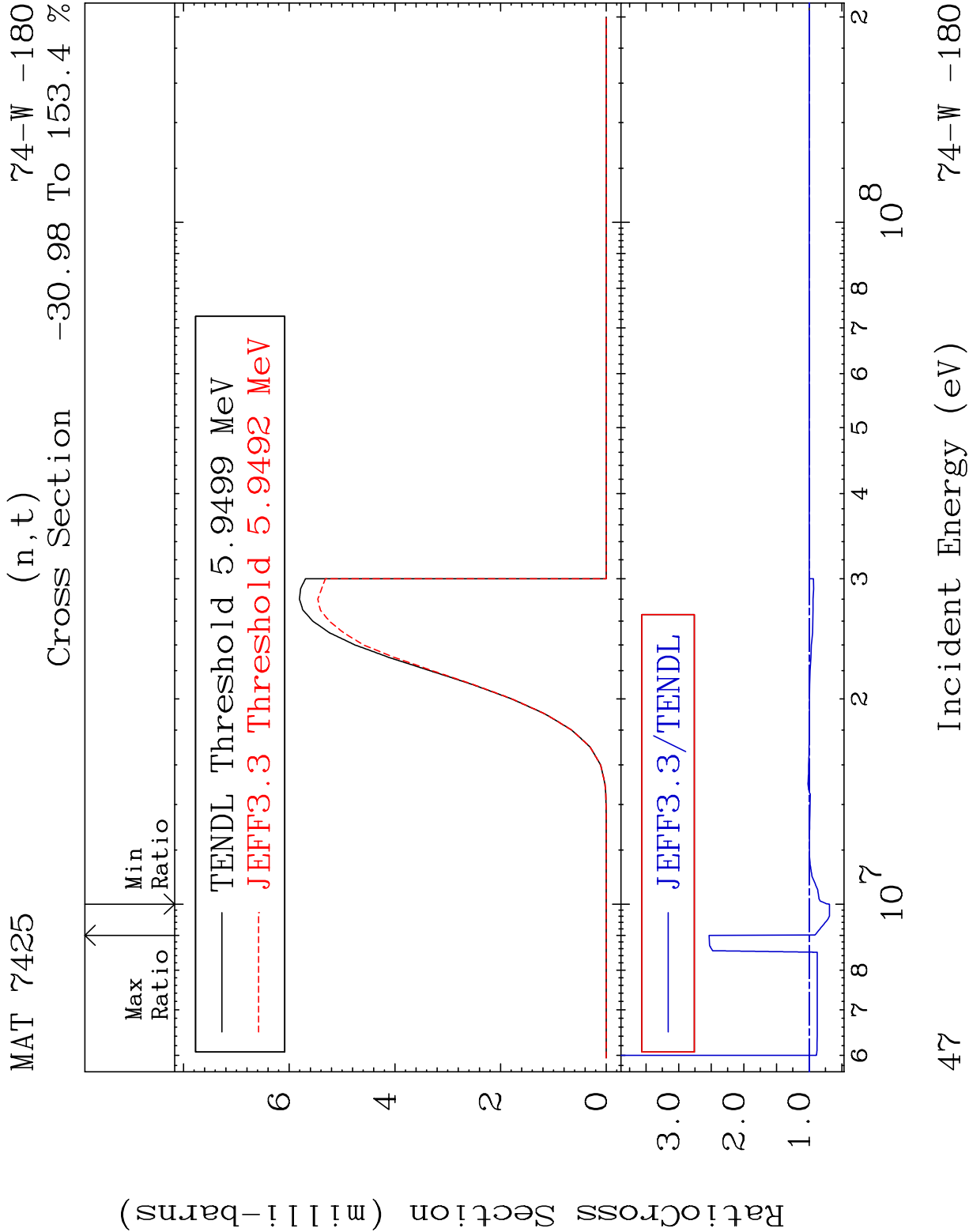


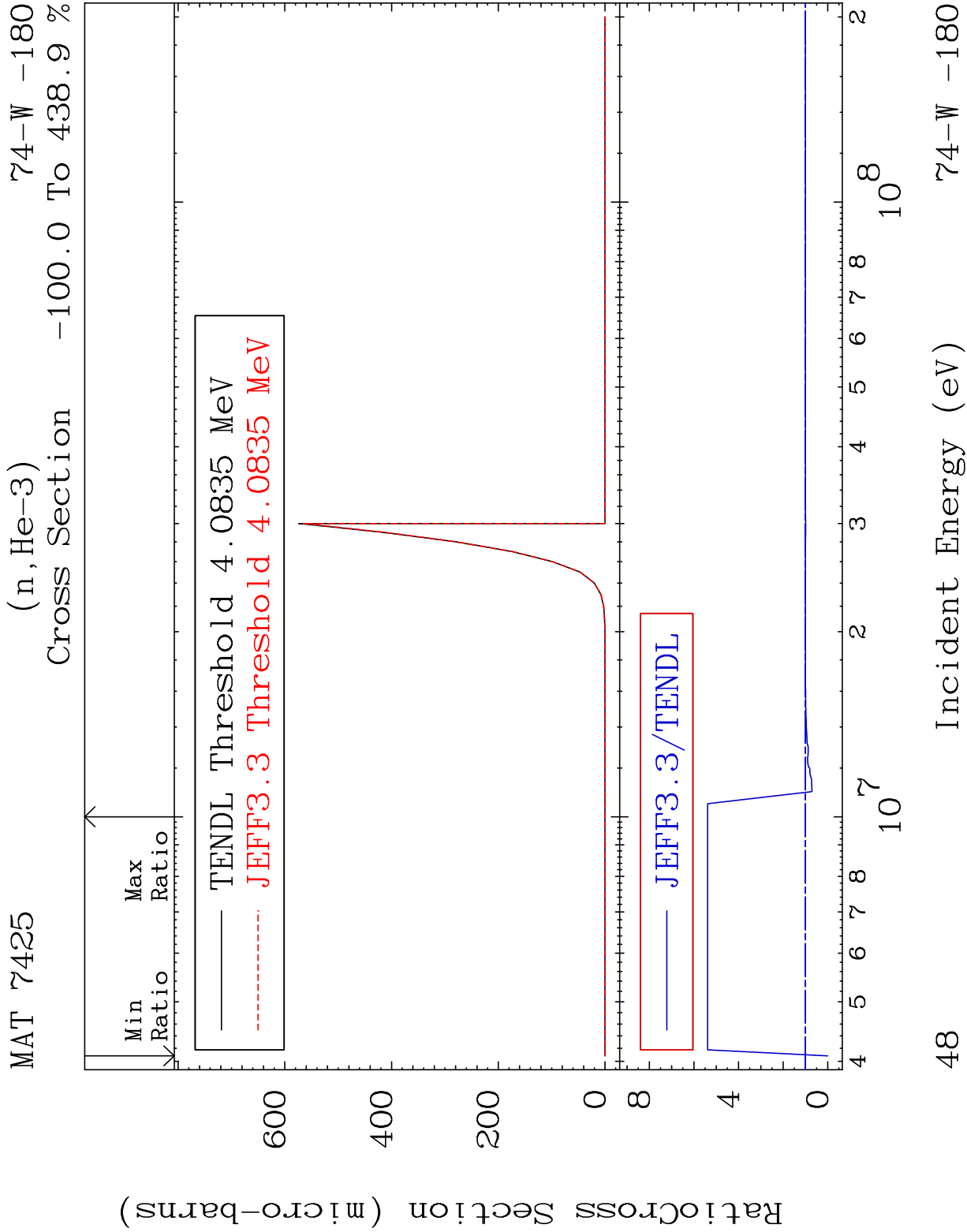


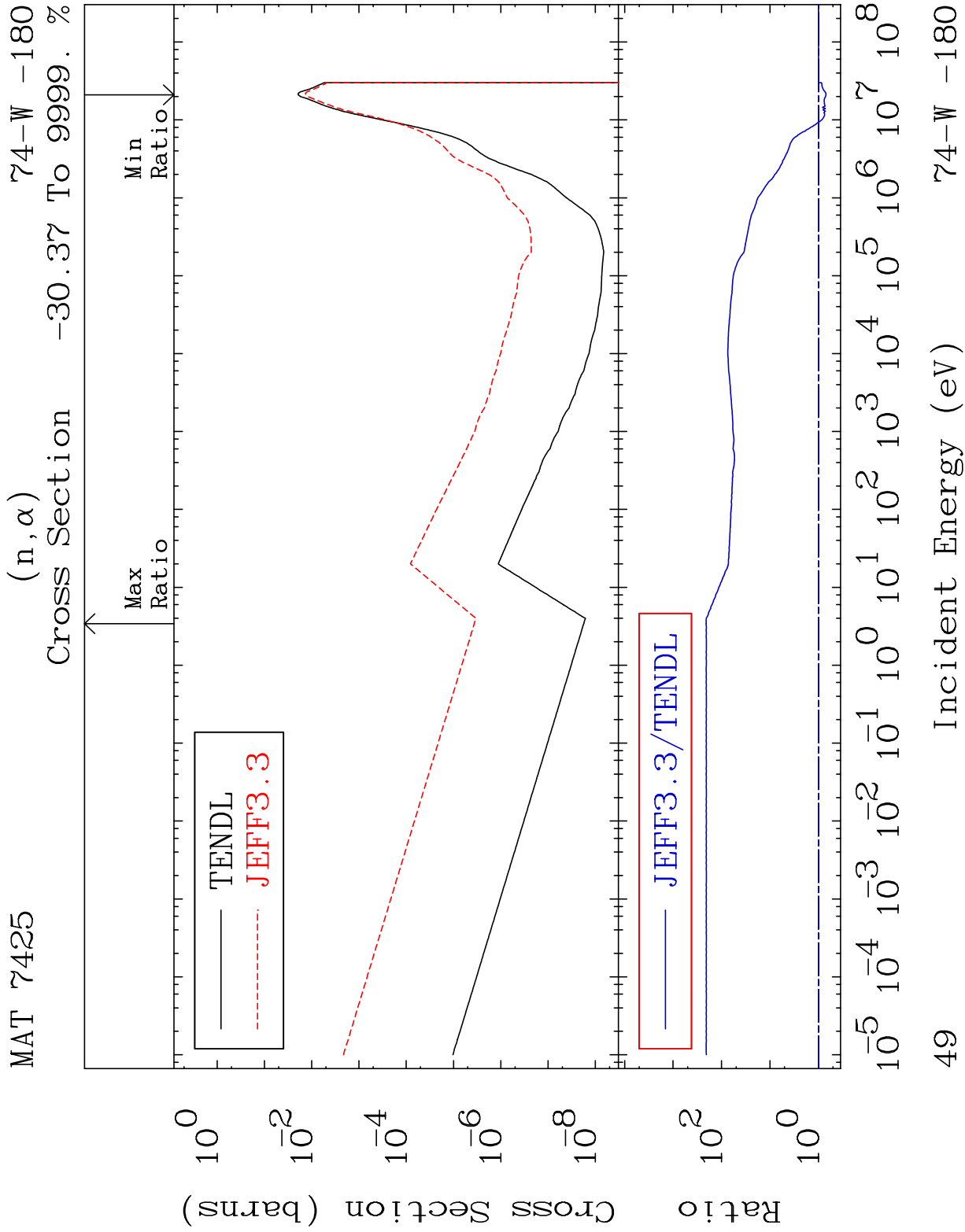


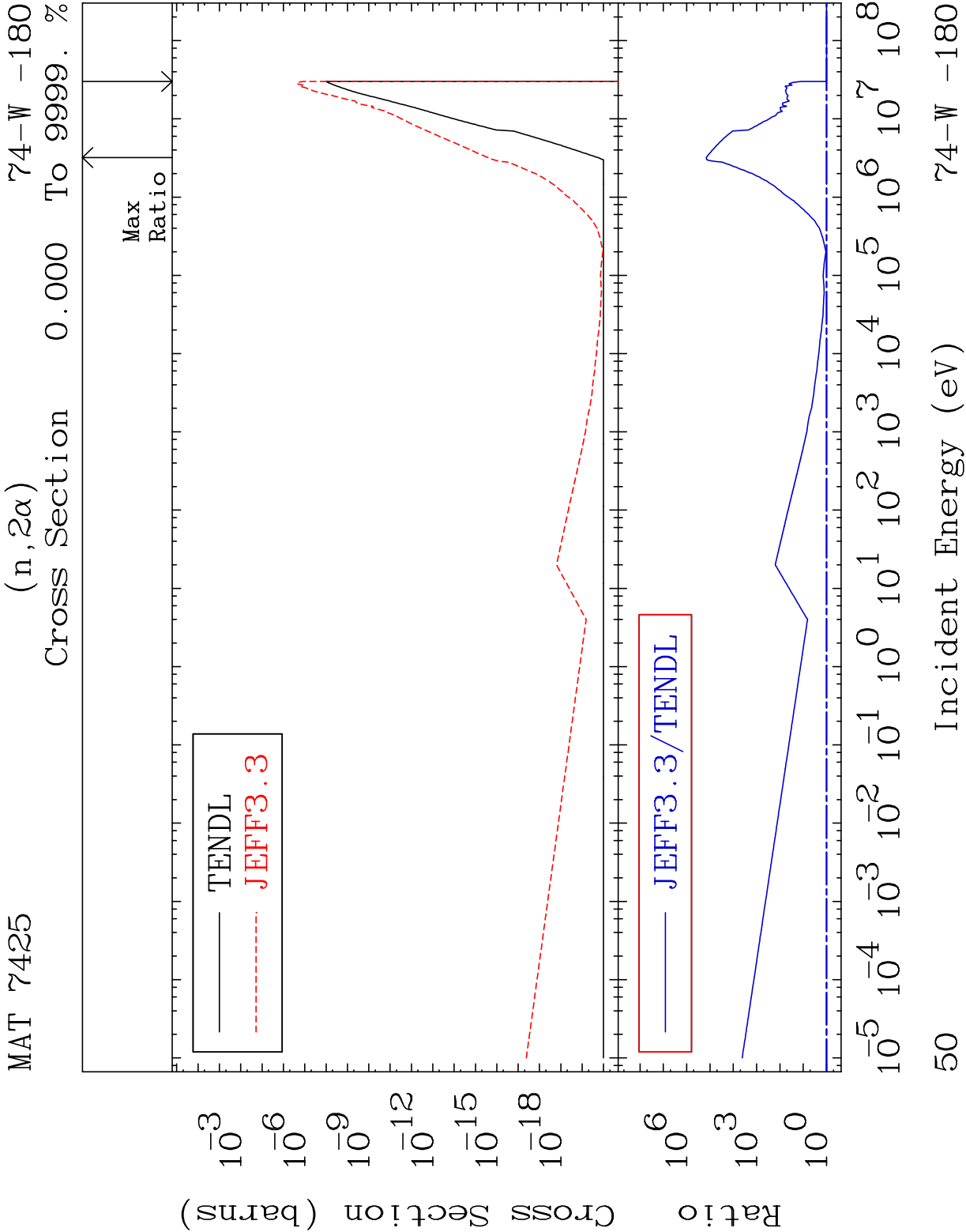


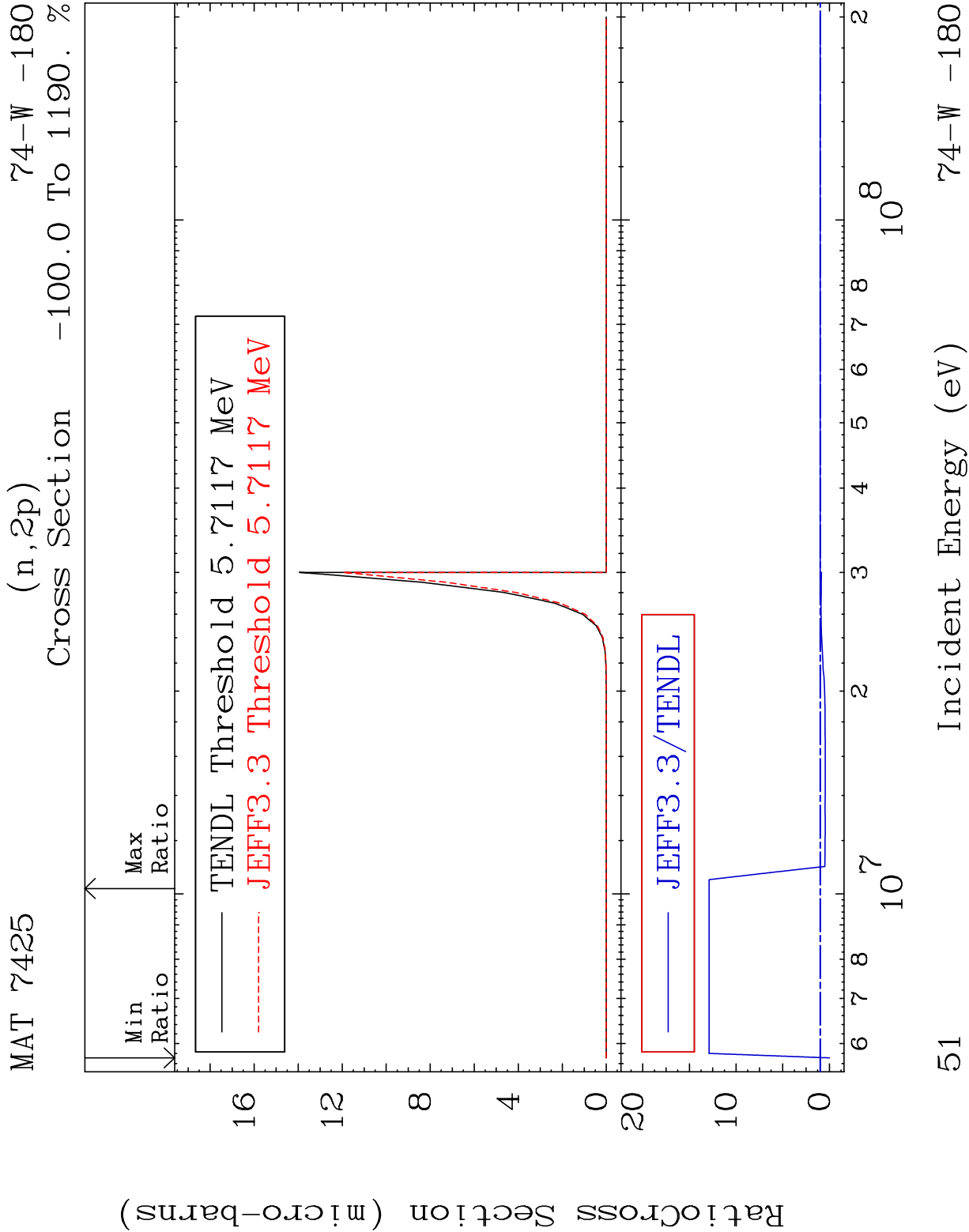










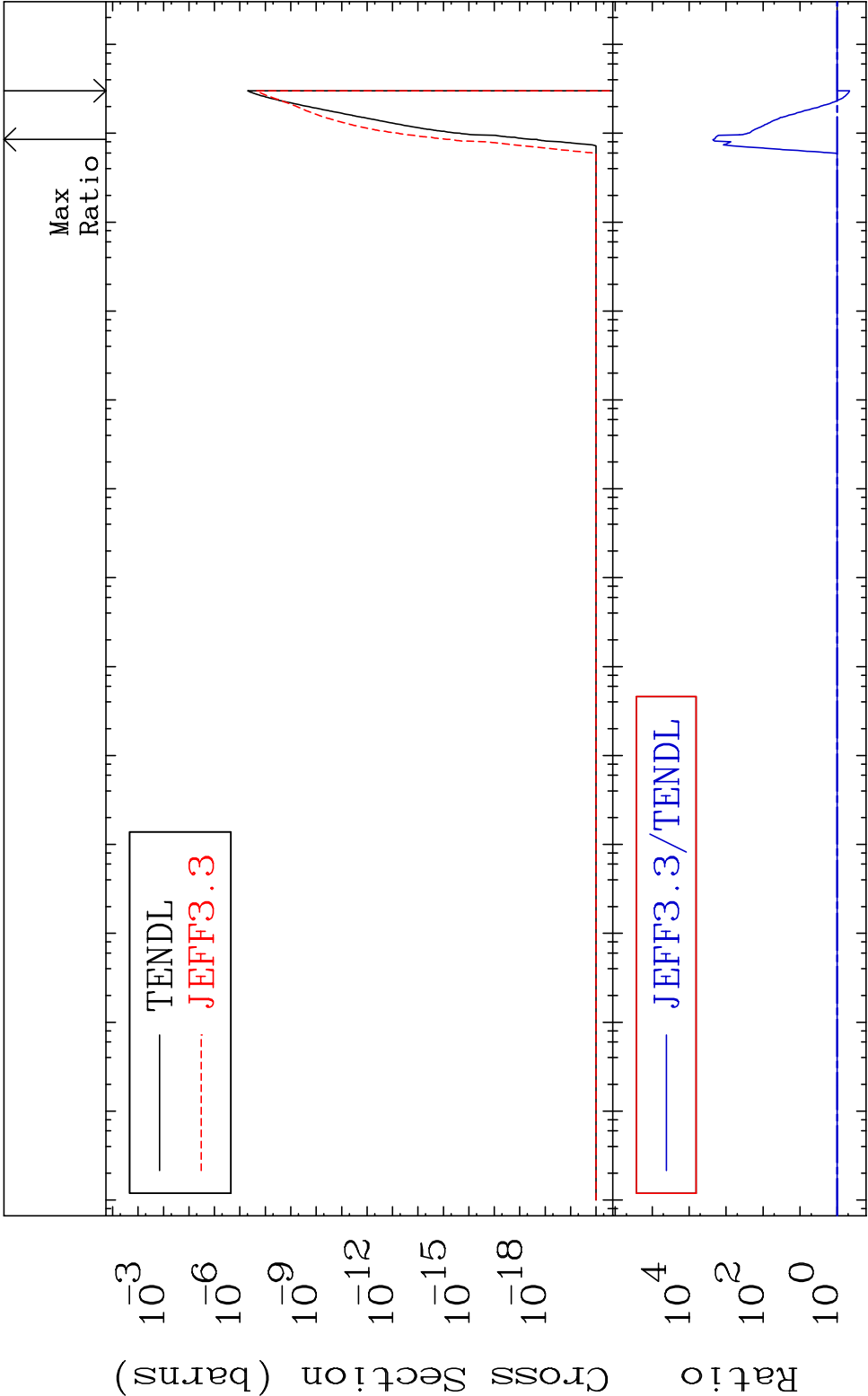


MAT 7425

(n,p)  $\alpha$

74-W -180

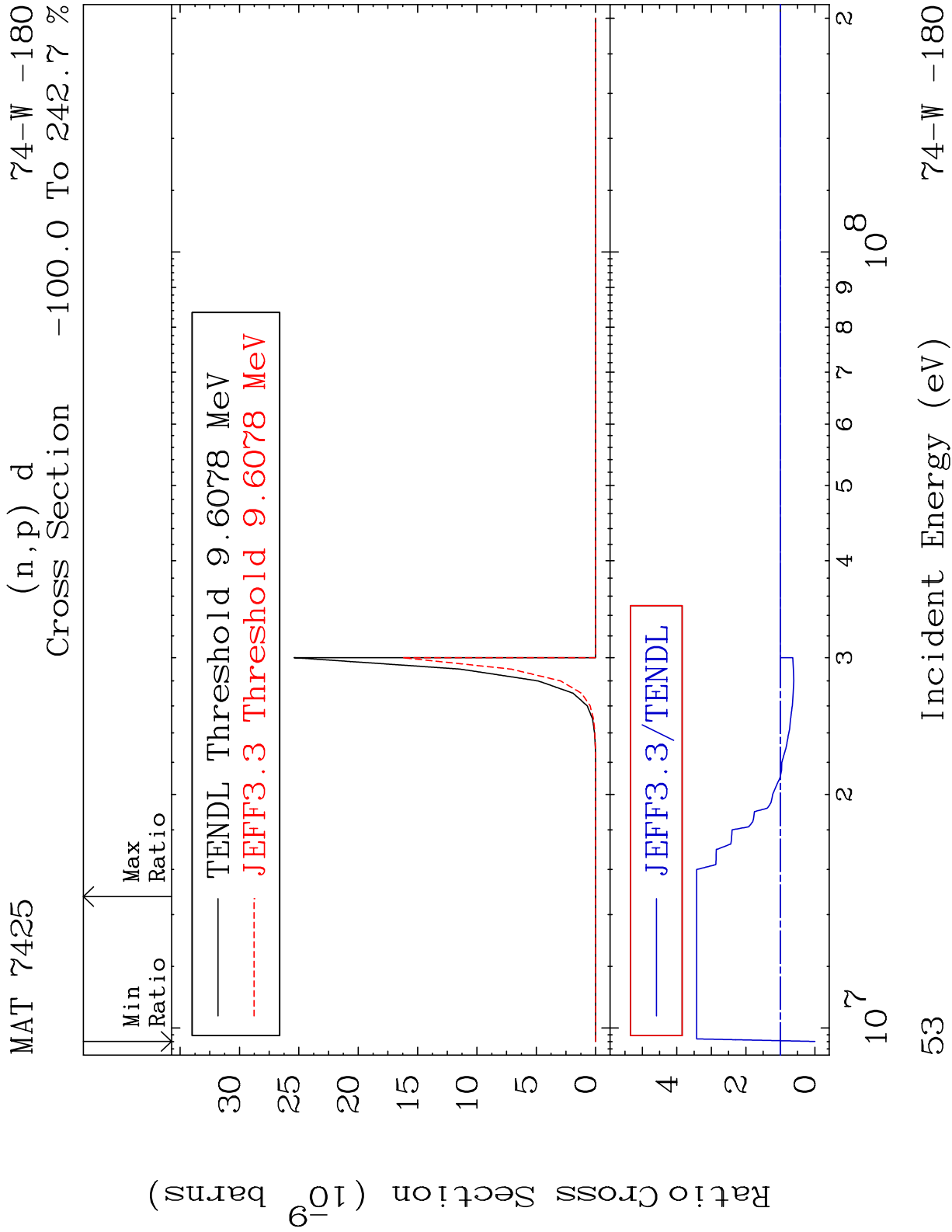
Cross Section      -54.04    To 9999. %

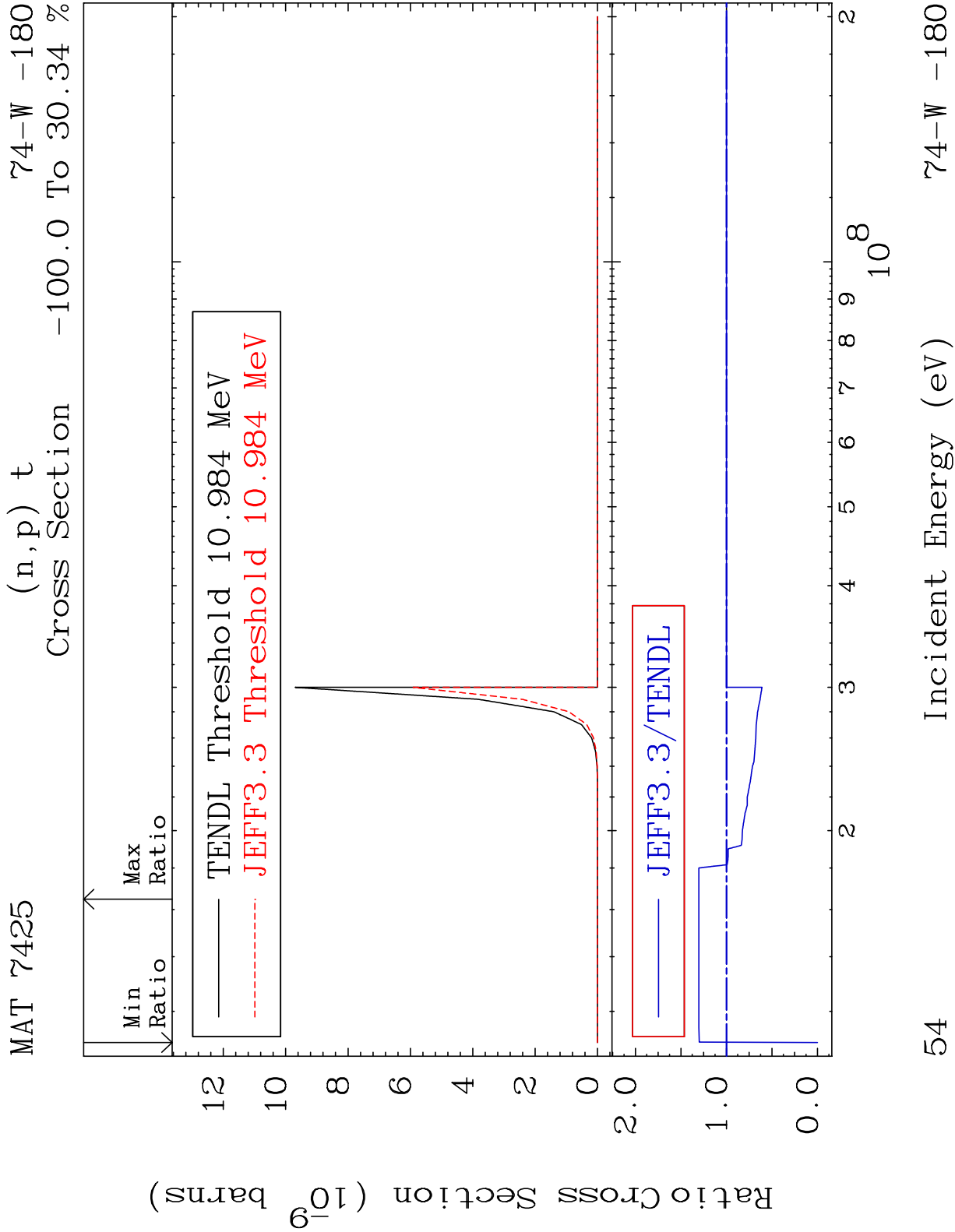


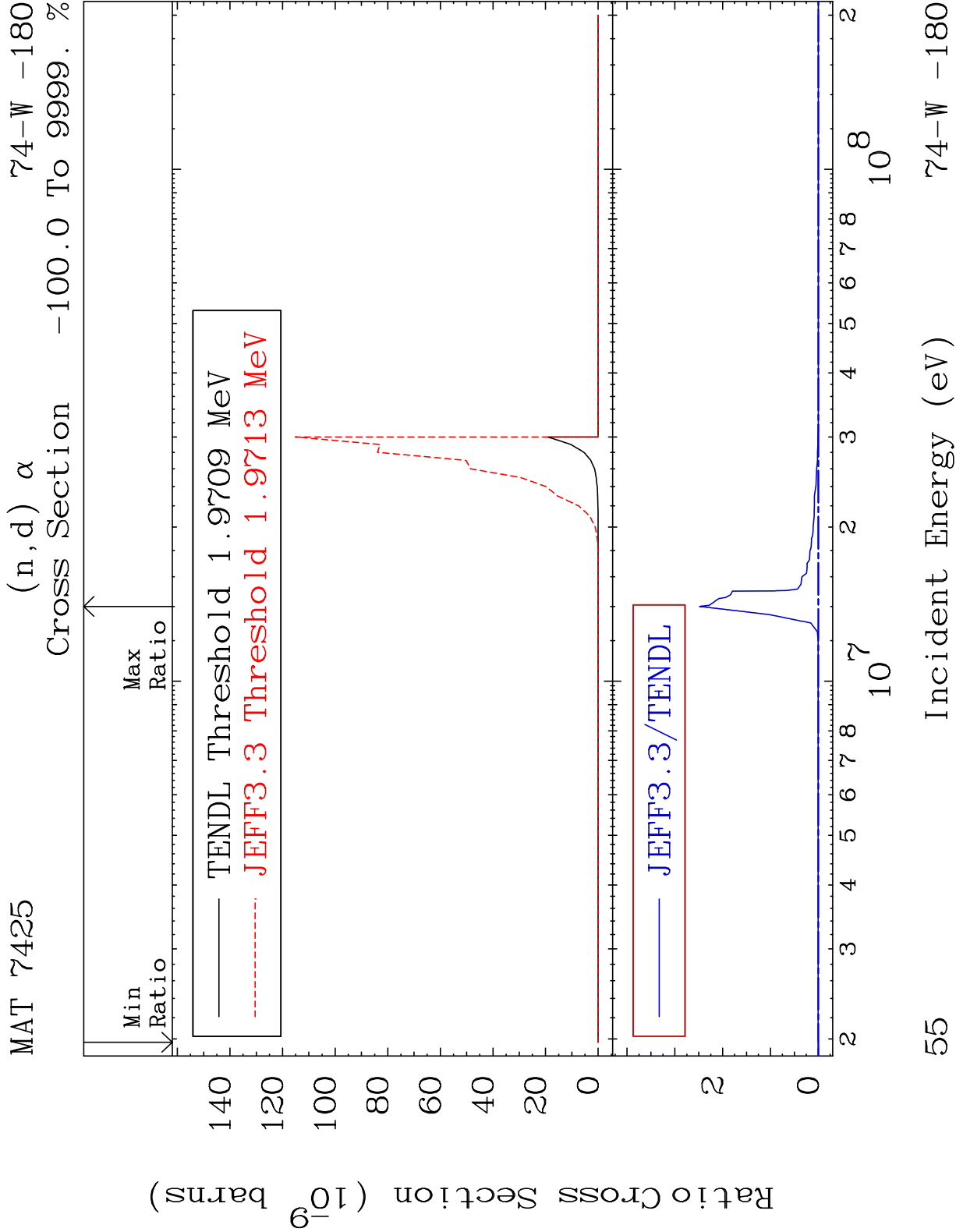
52

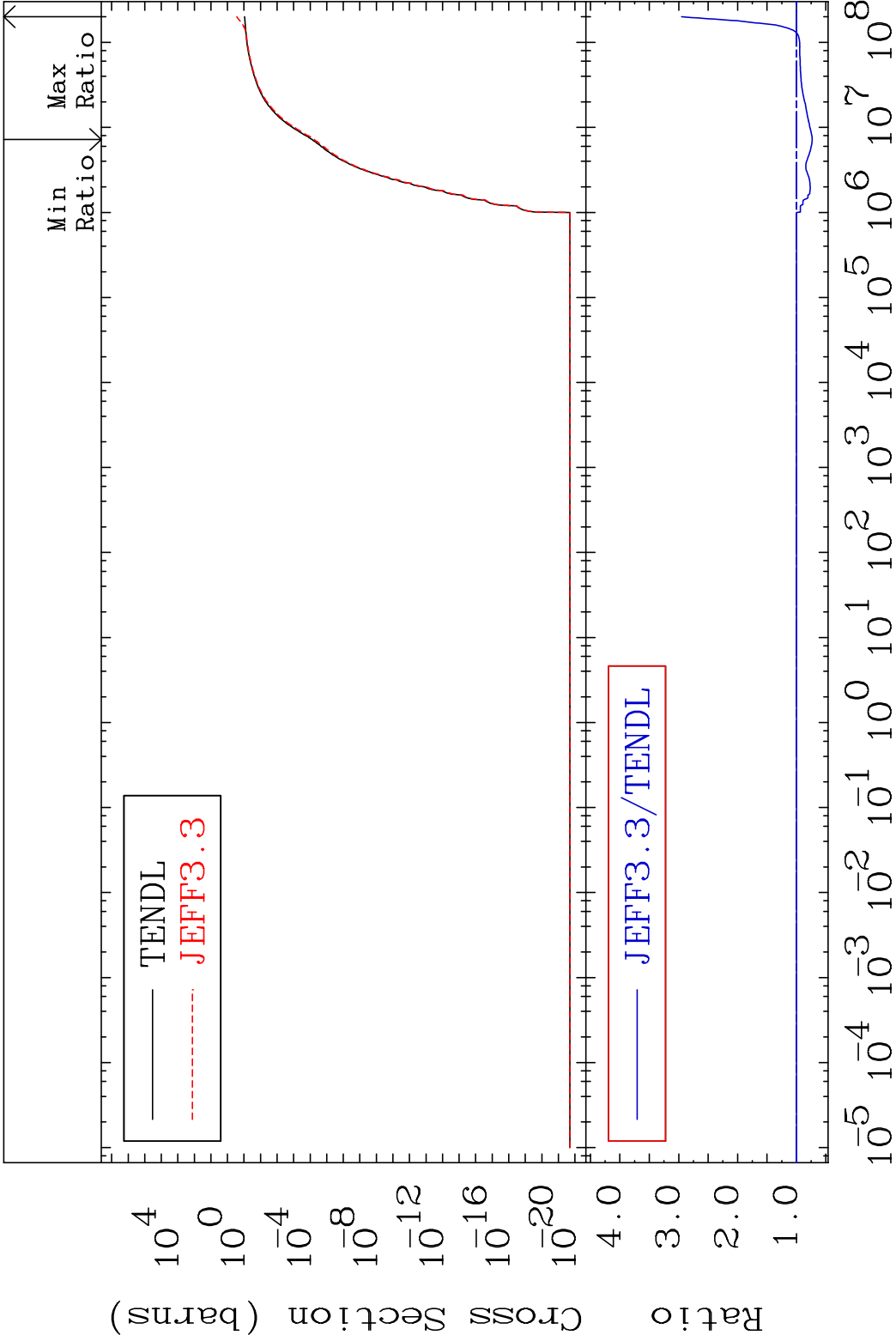
Incident Energy (eV)

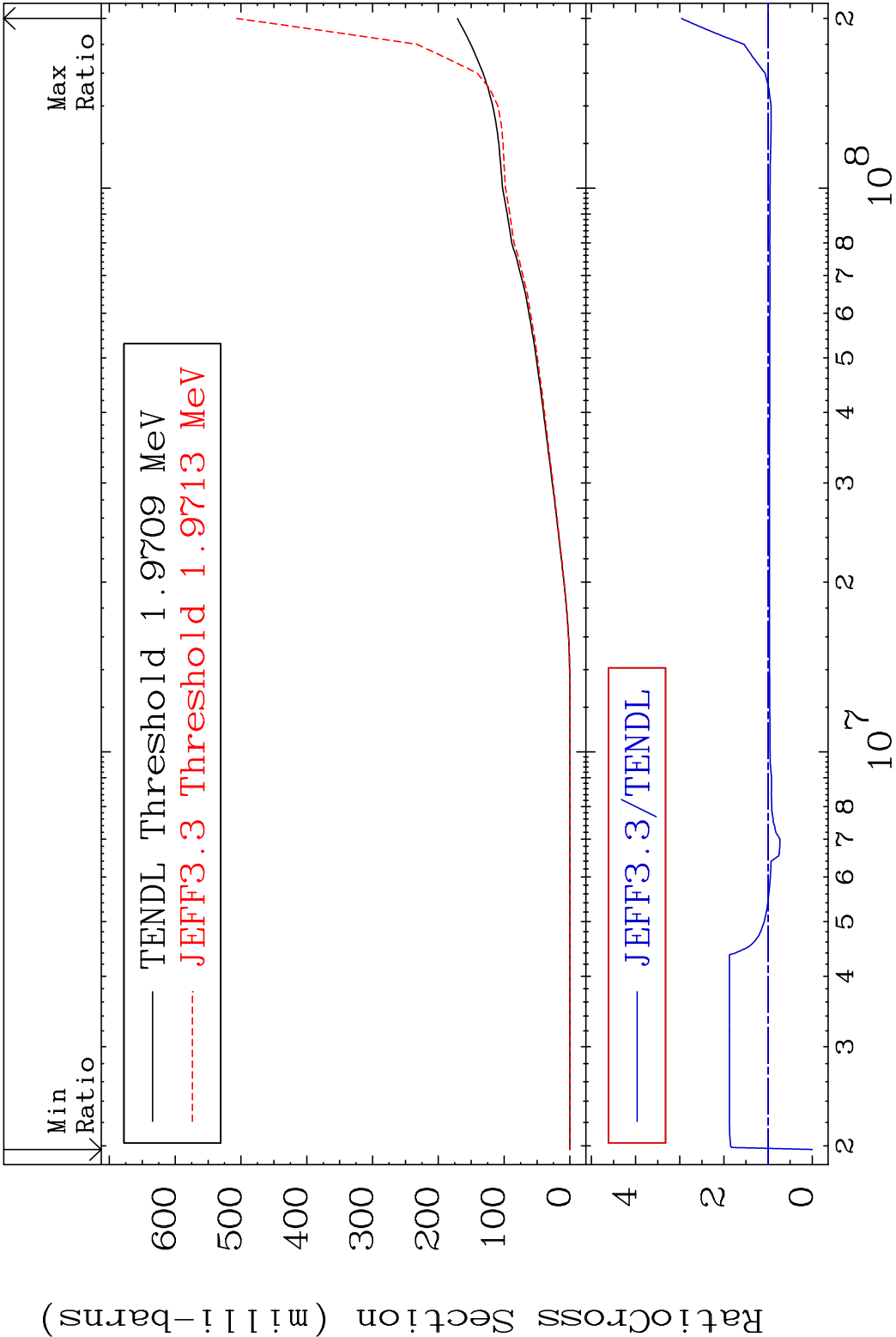
74-W -180



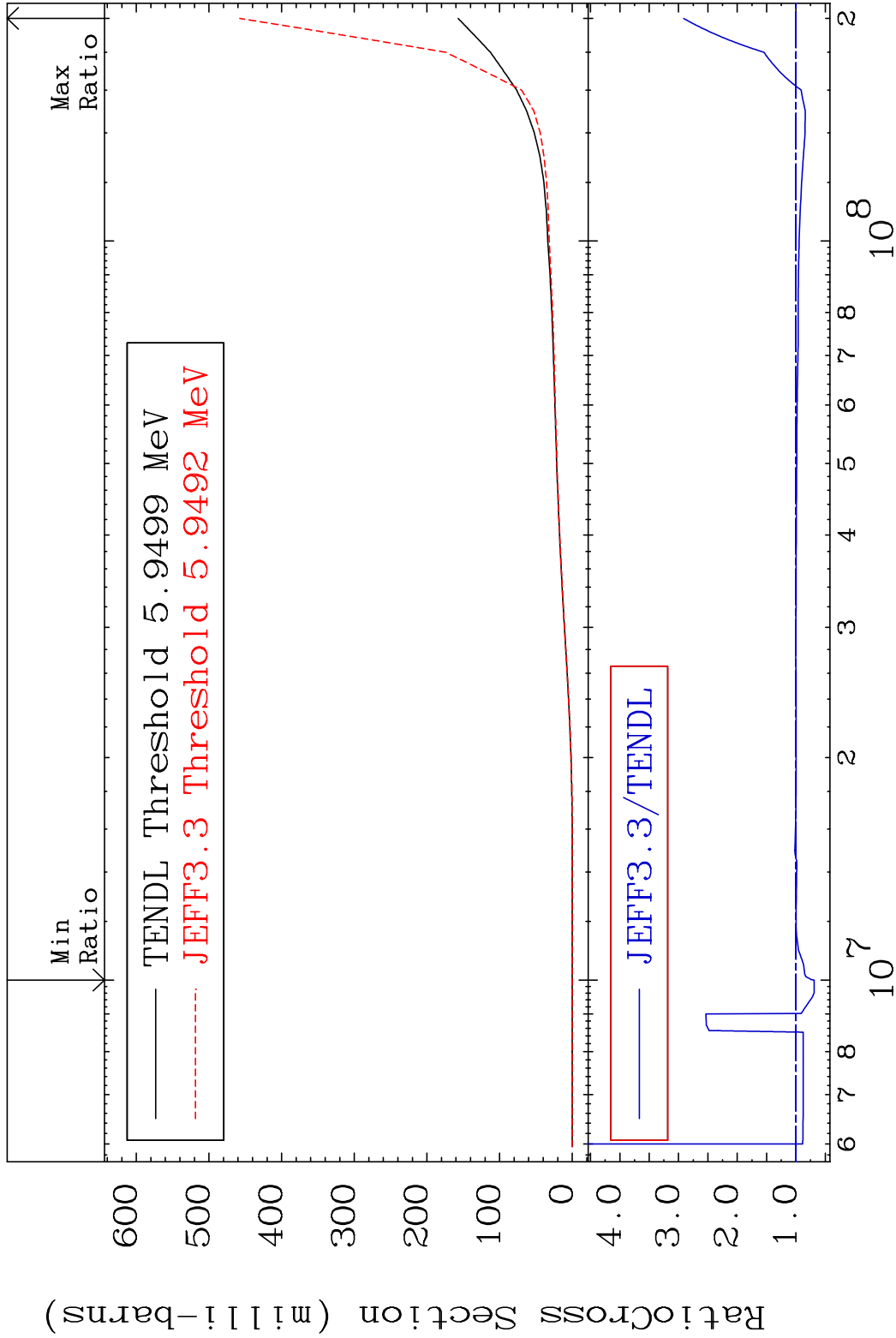




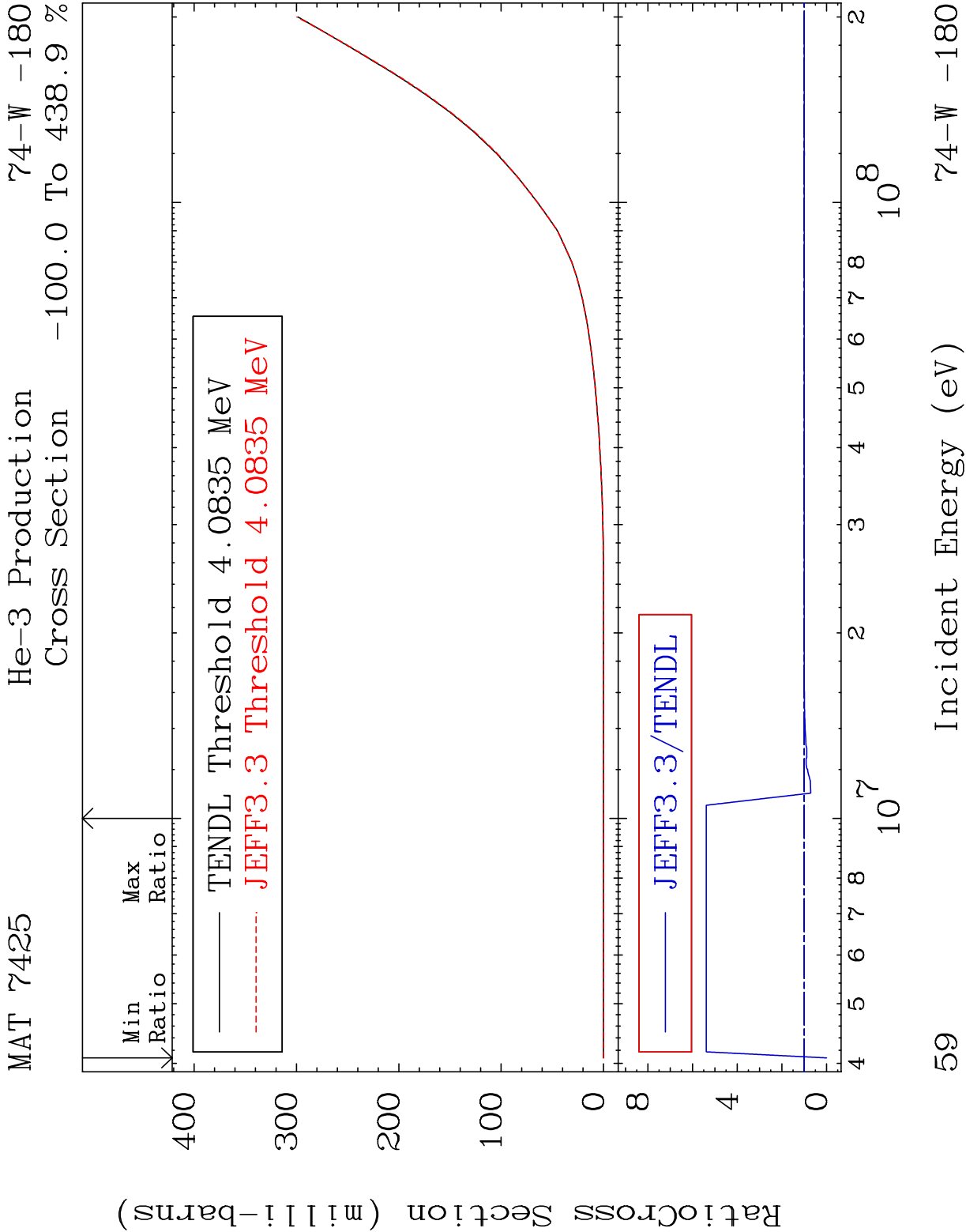


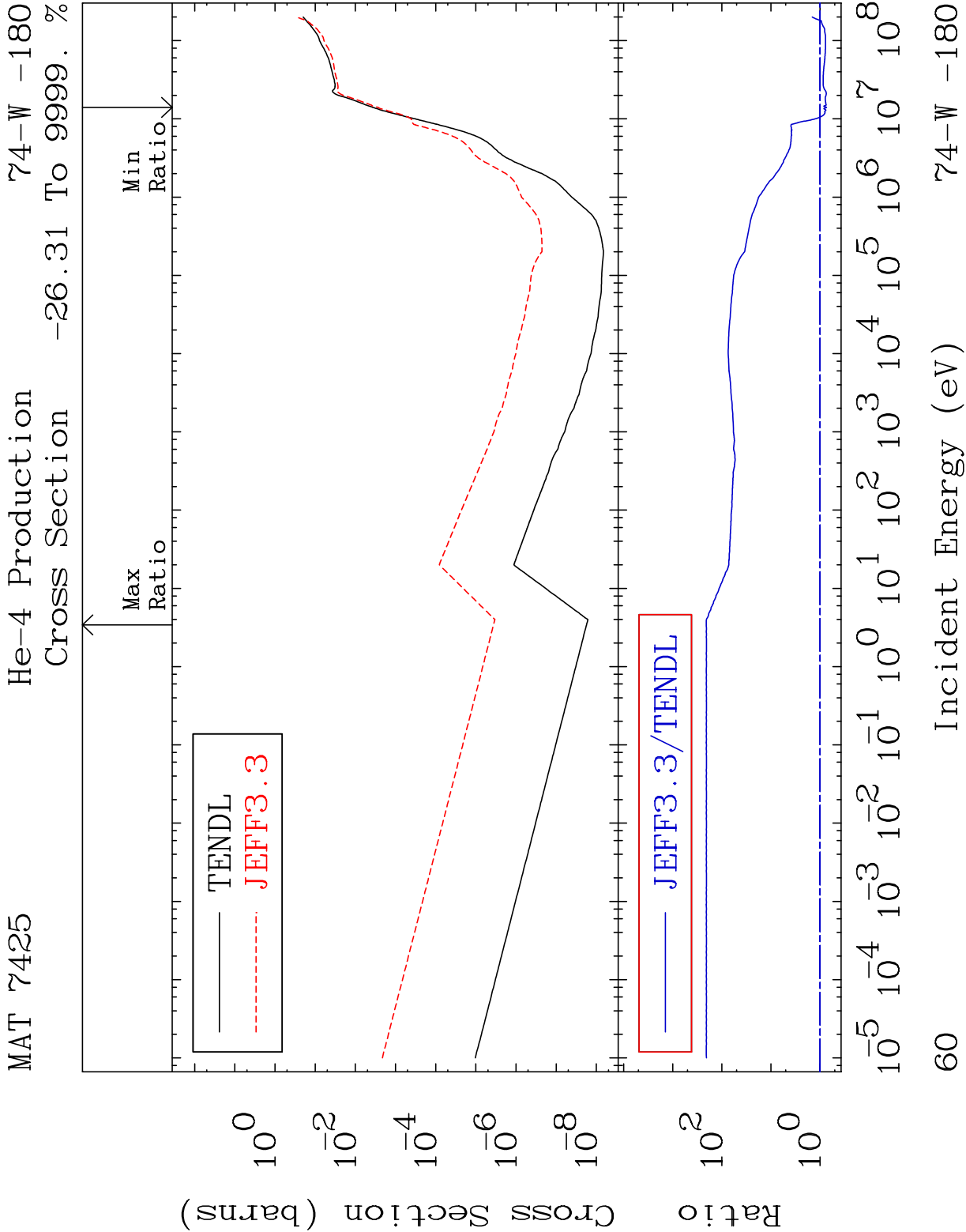


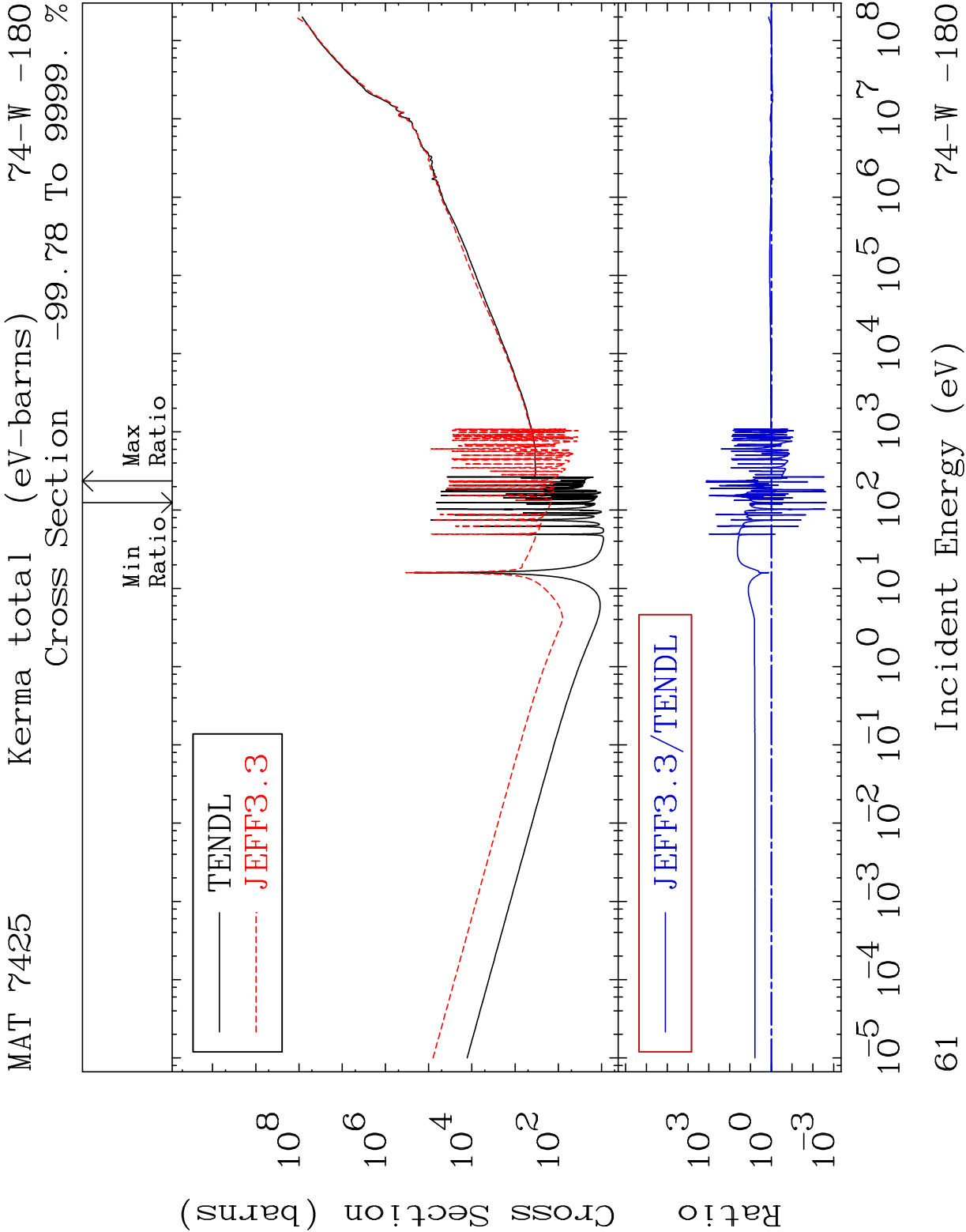
MAT 7425 Tritium Production 74-W -180  
 Cross Section -30.98 To 191.3 %

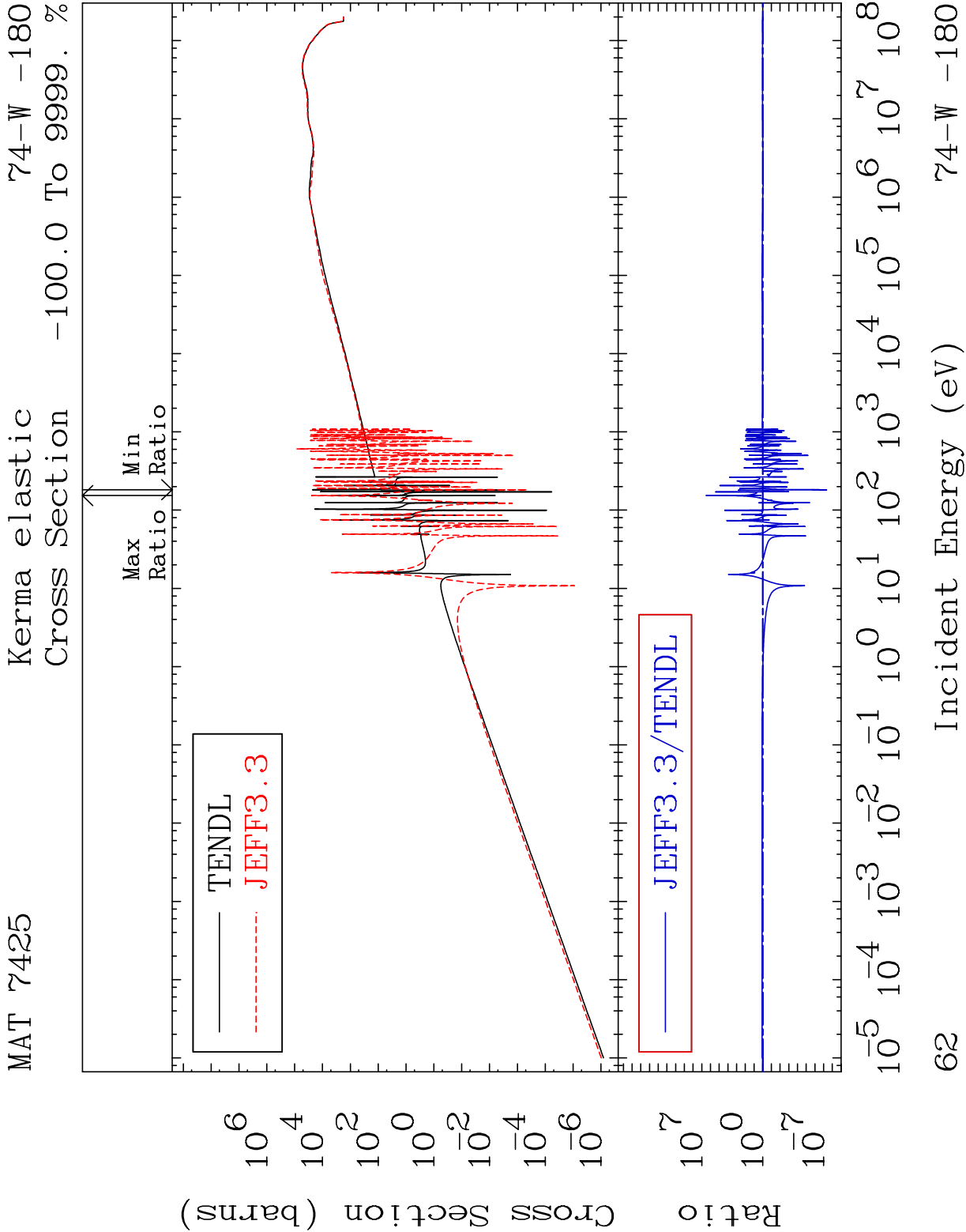


58 Incident Energy (eV) 74-W -180

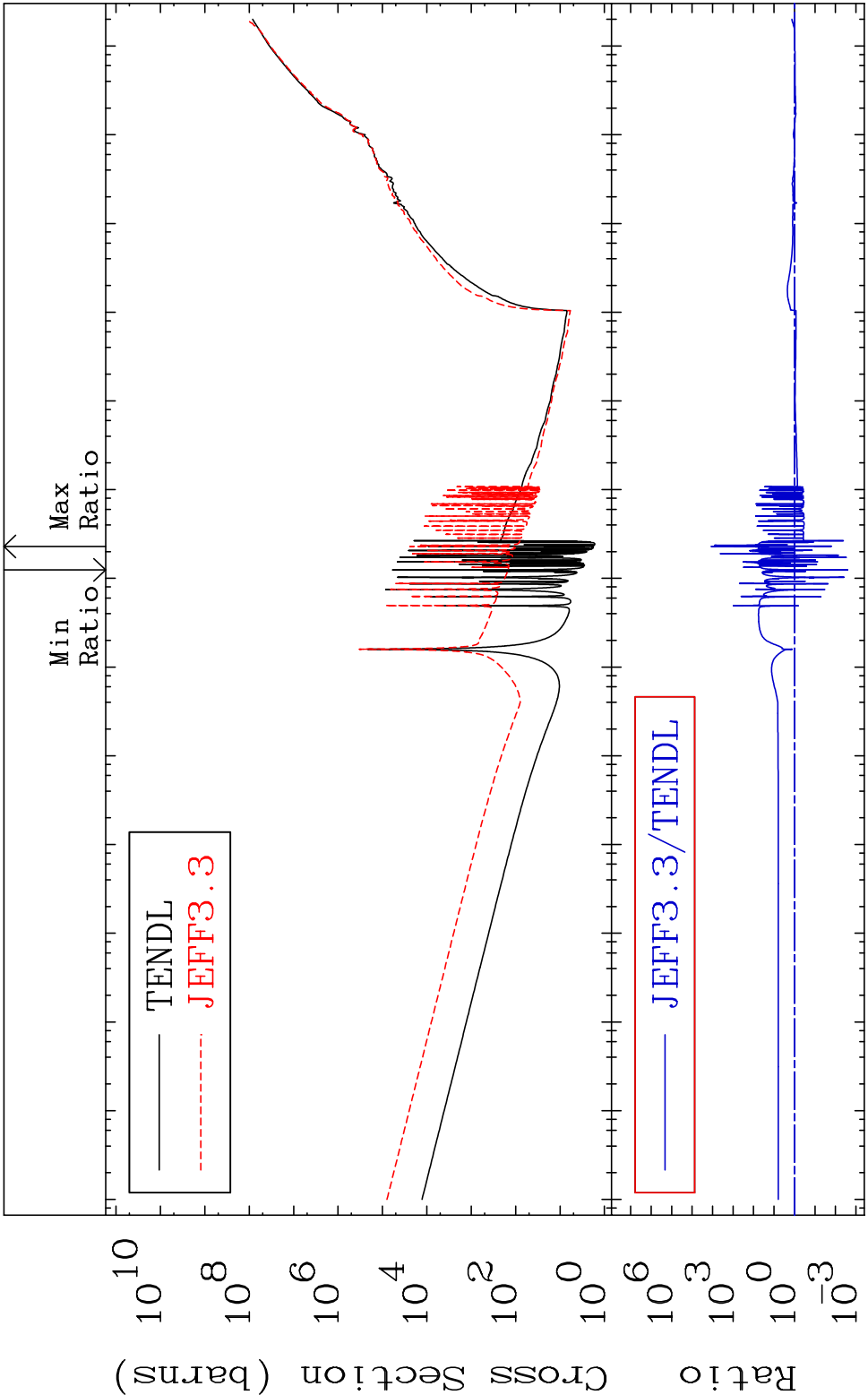




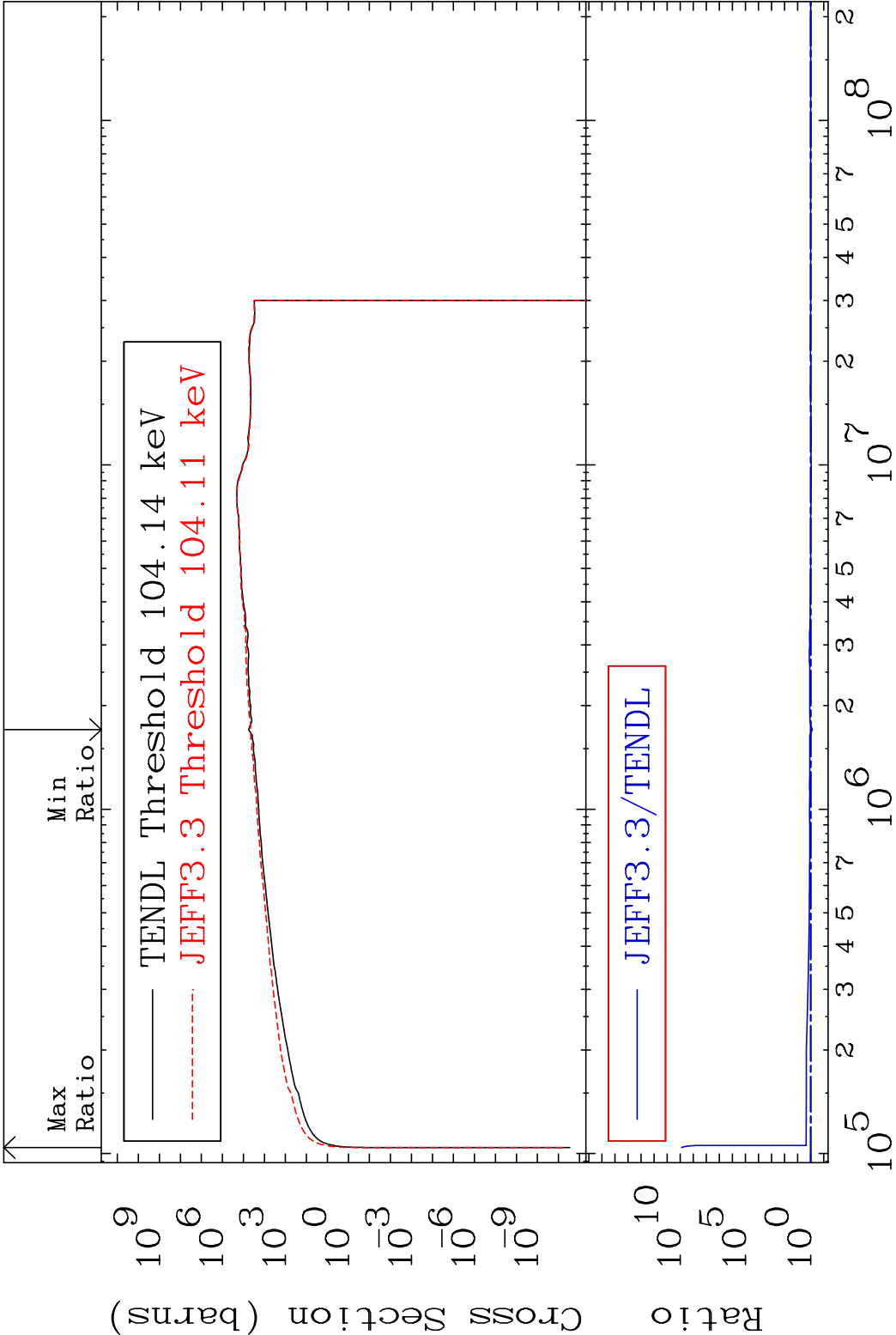




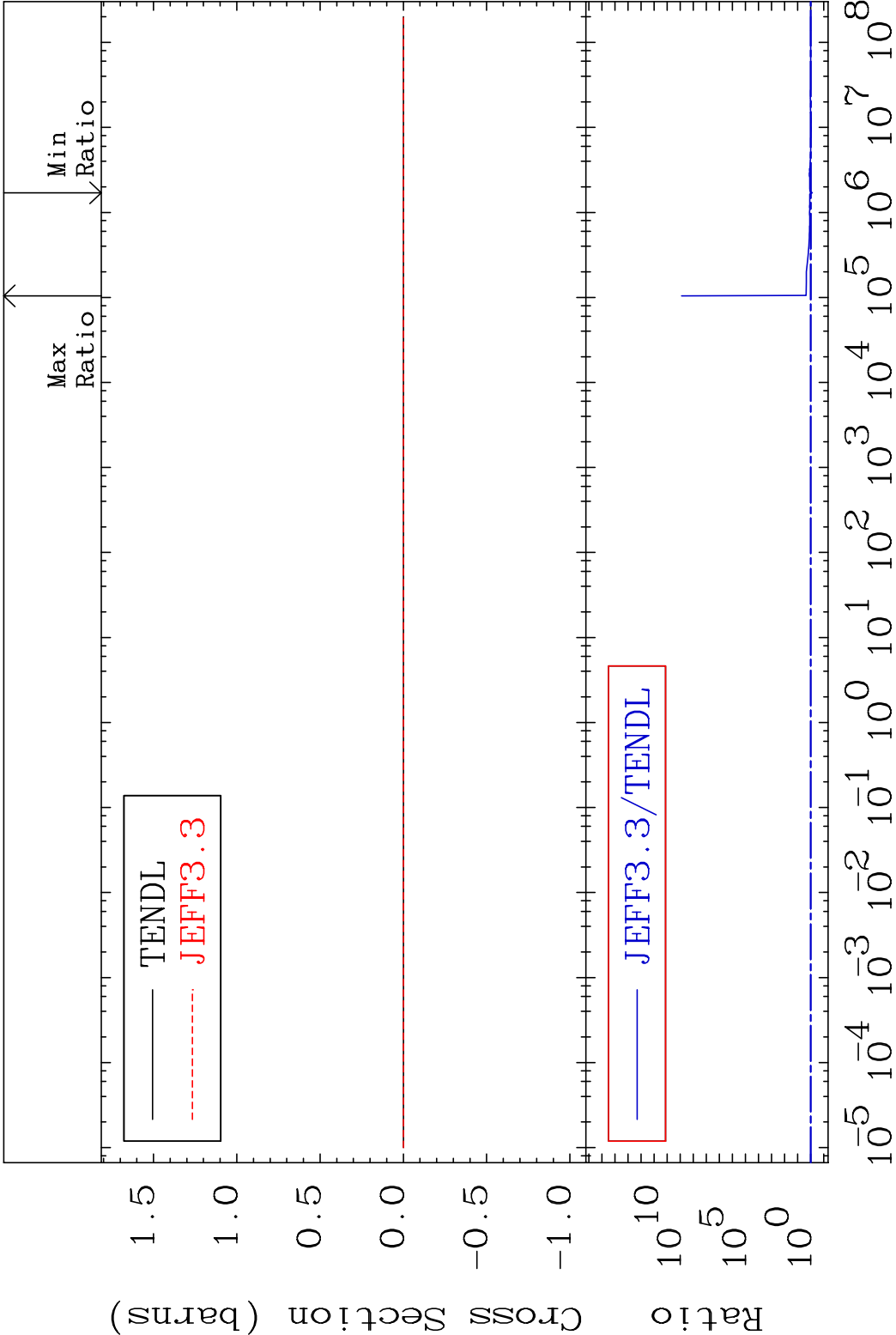
MAT 7425    Kerma non-elastic (all but mt2)    74-W -180  
 Cross Section    -99.75 To 9999. %



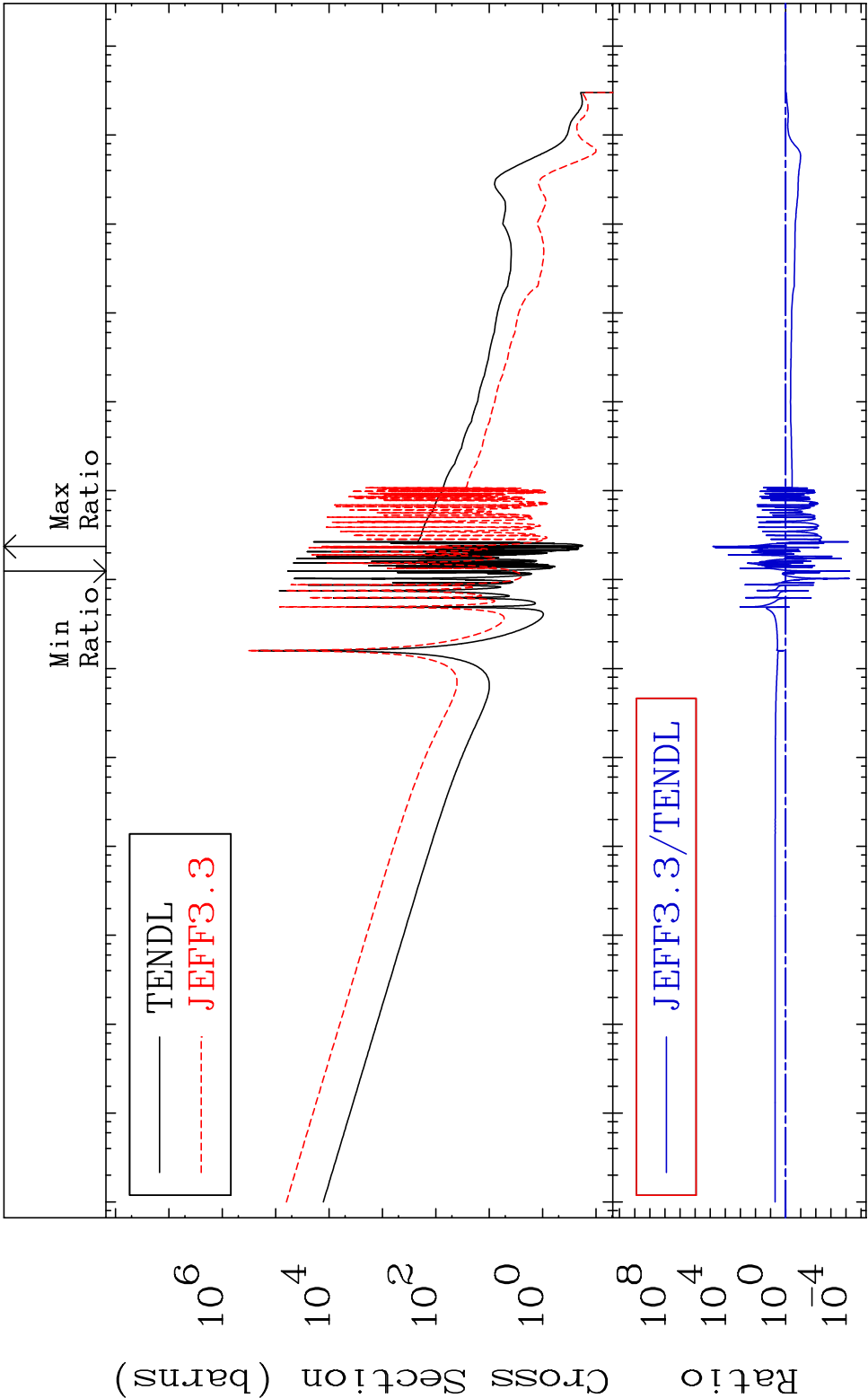
63    Incident Energy (eV)    74-W -180

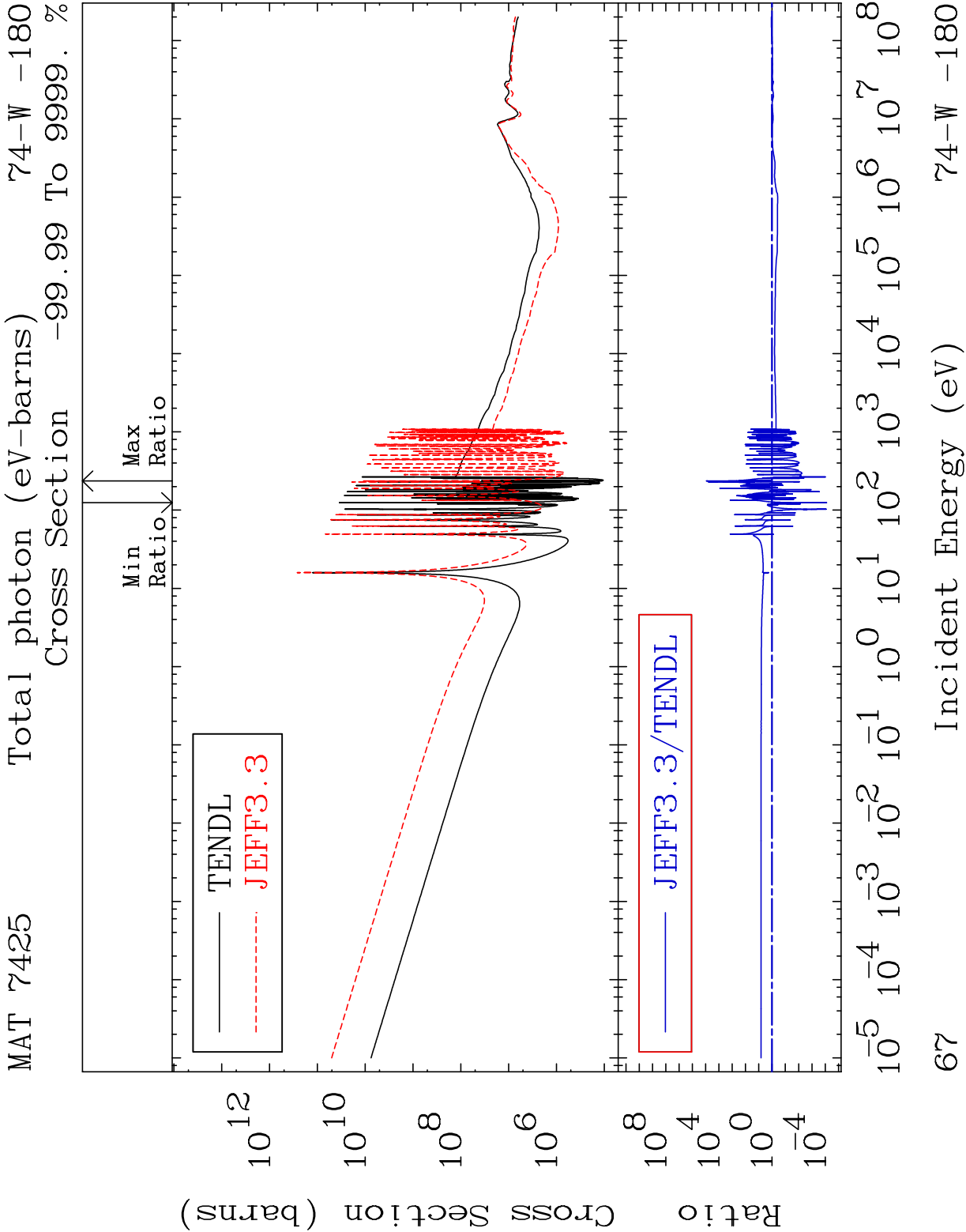


MAT 7425 Kerma fission (mt18 or mt19-20-21-38)74-W -180  
Cross Section -22.56 To 9999. %

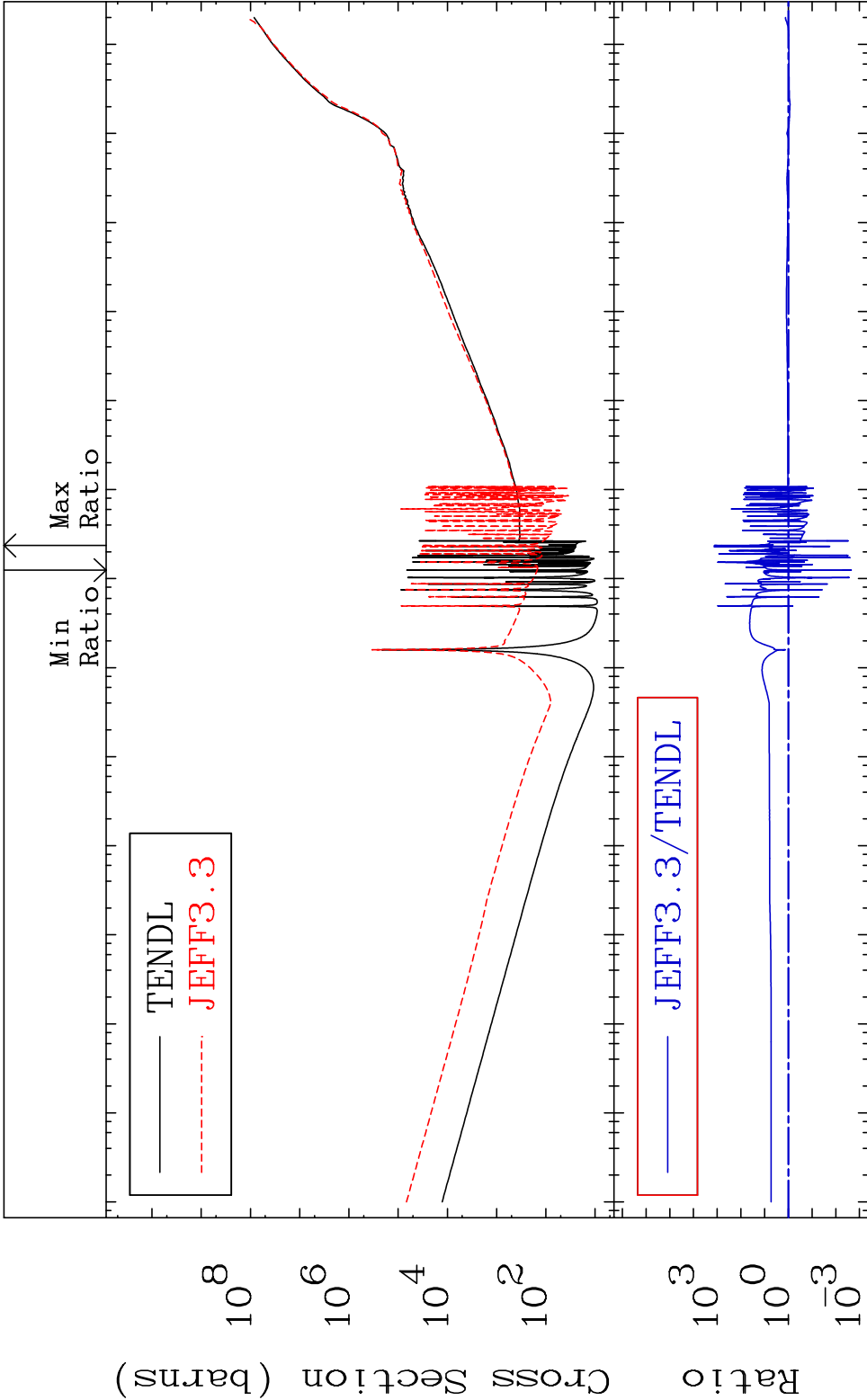


MAT 7425      Kerma capture (mt102)      74-W -180  
 Cross Section      -99.99 To 9999. %

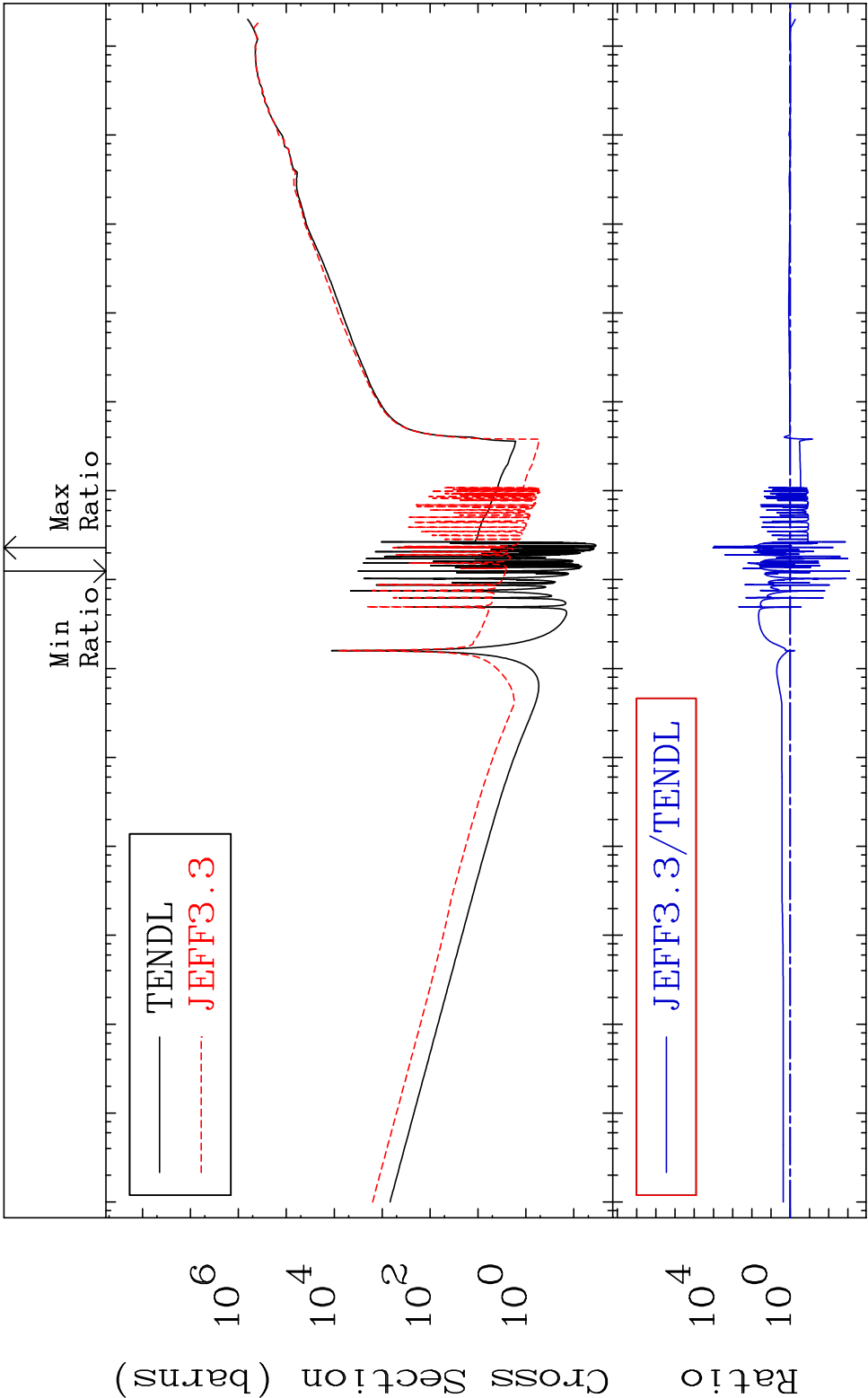




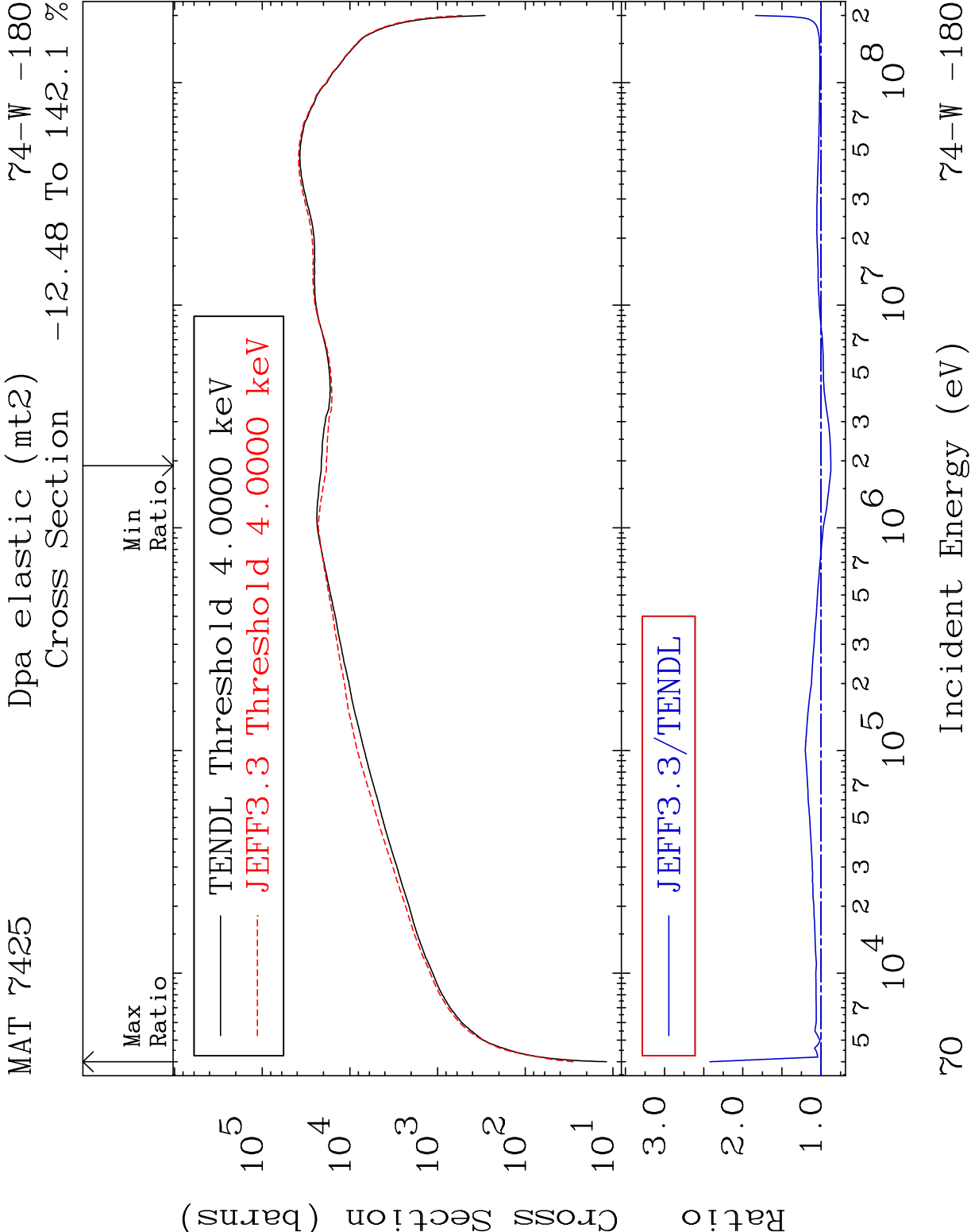
MAT 7425 Total kinematic kerma (high limit) 74-W -180  
Cross Section -99.78 To 9999. %



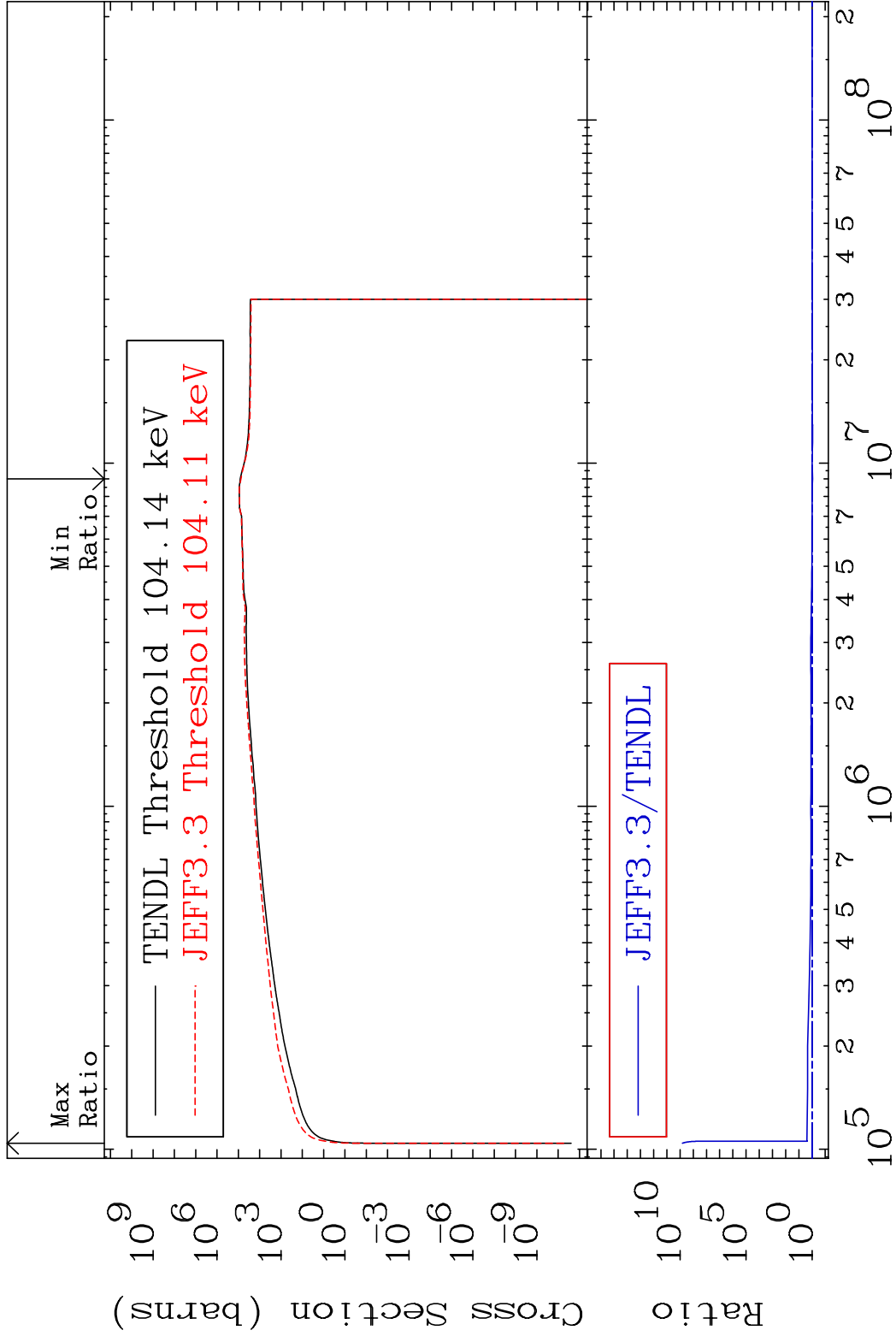
MAT 7425      Dpa total (eV-barns)      74-W -180  
 Cross Section      -99.92 To 9999. %



69      Incident Energy (eV)      74-W -180

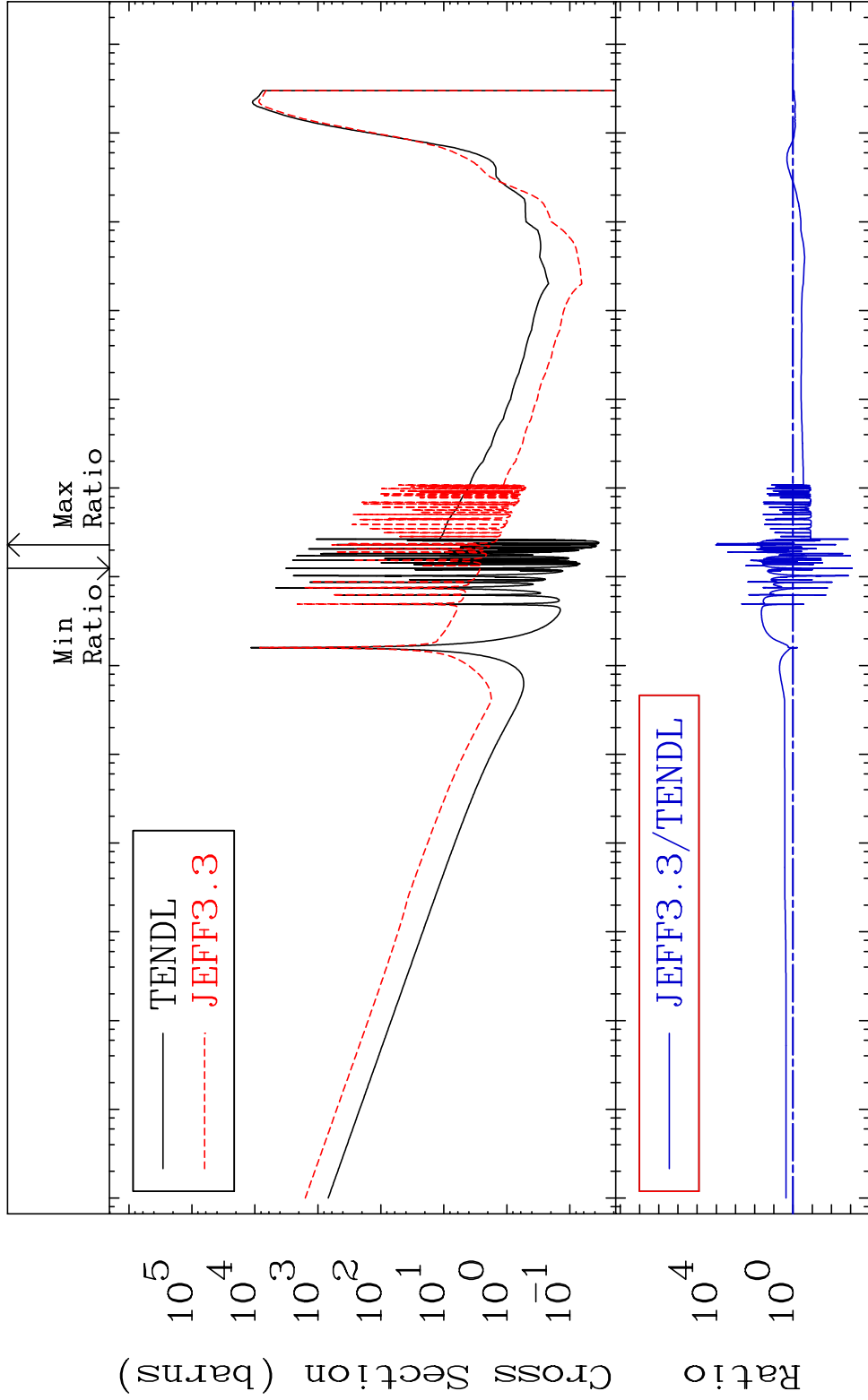


MAT 7425      Dpa inelastic (mt51-91)      74-W -180  
Cross Section      -8.285 To 9999. %



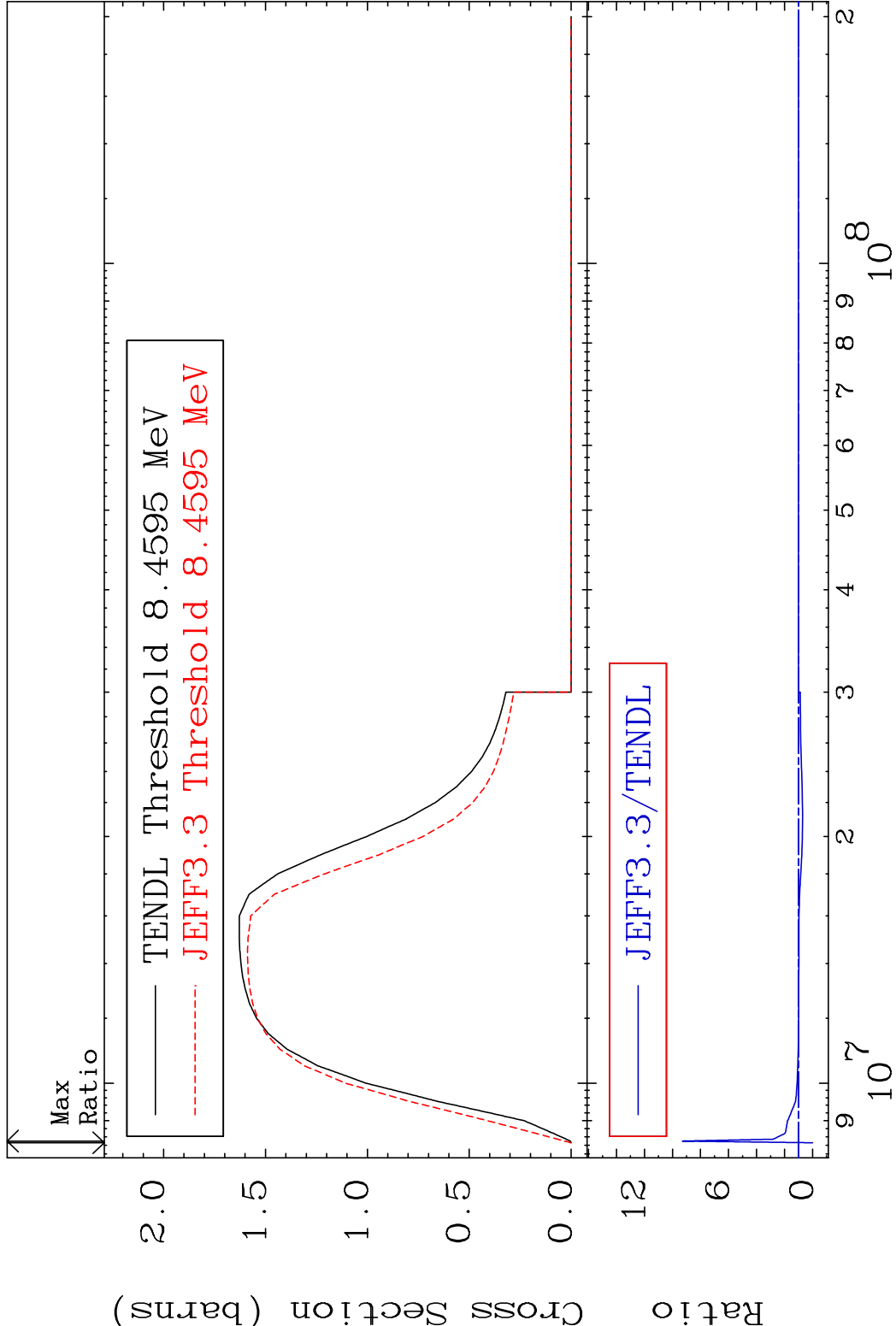
71      Incident Energy (eV)      74-W -180

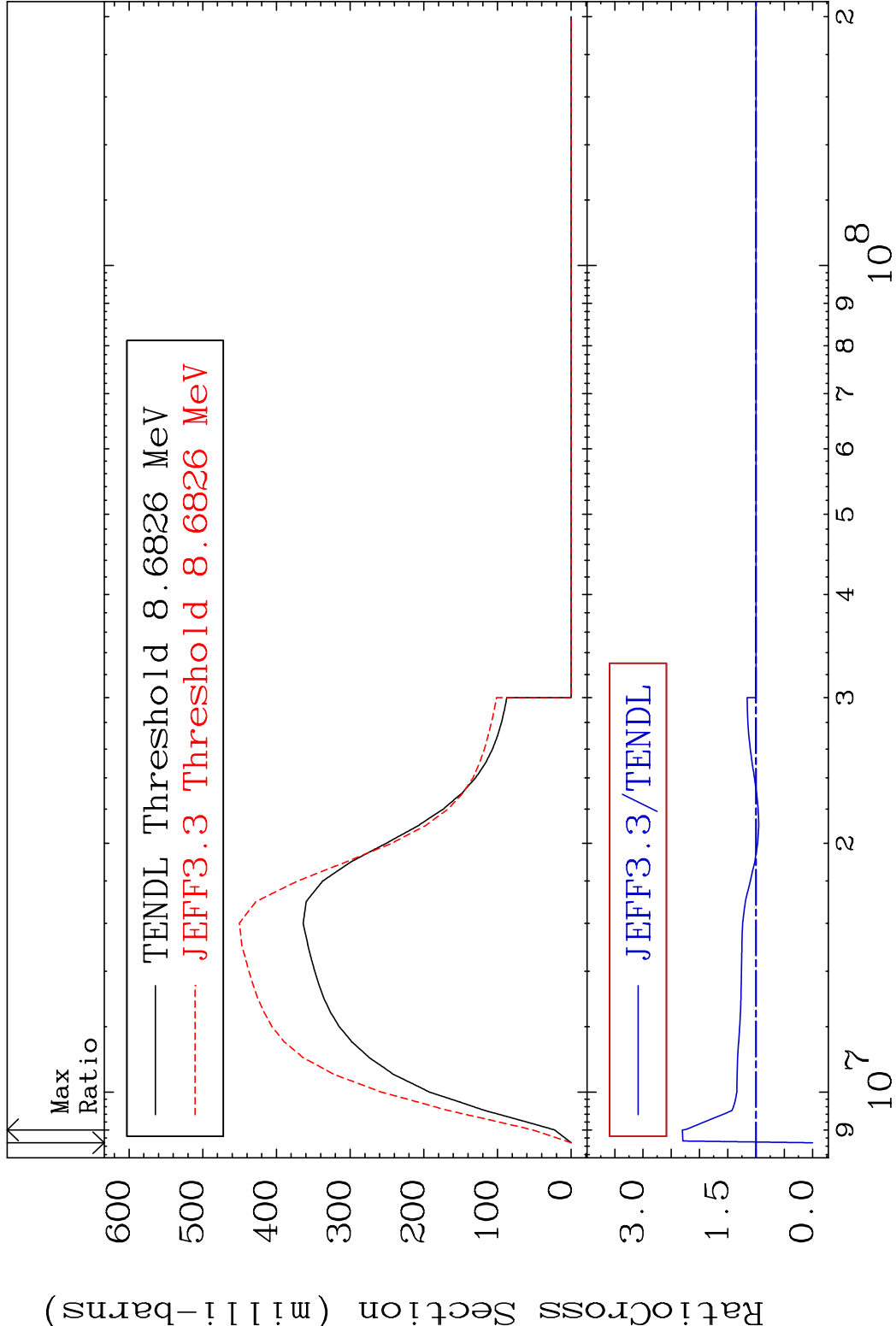
MAT 7425    Dpa disappearance (mt102 -120)    74-W -180  
 Cross Section    -99.92 To 9999. %

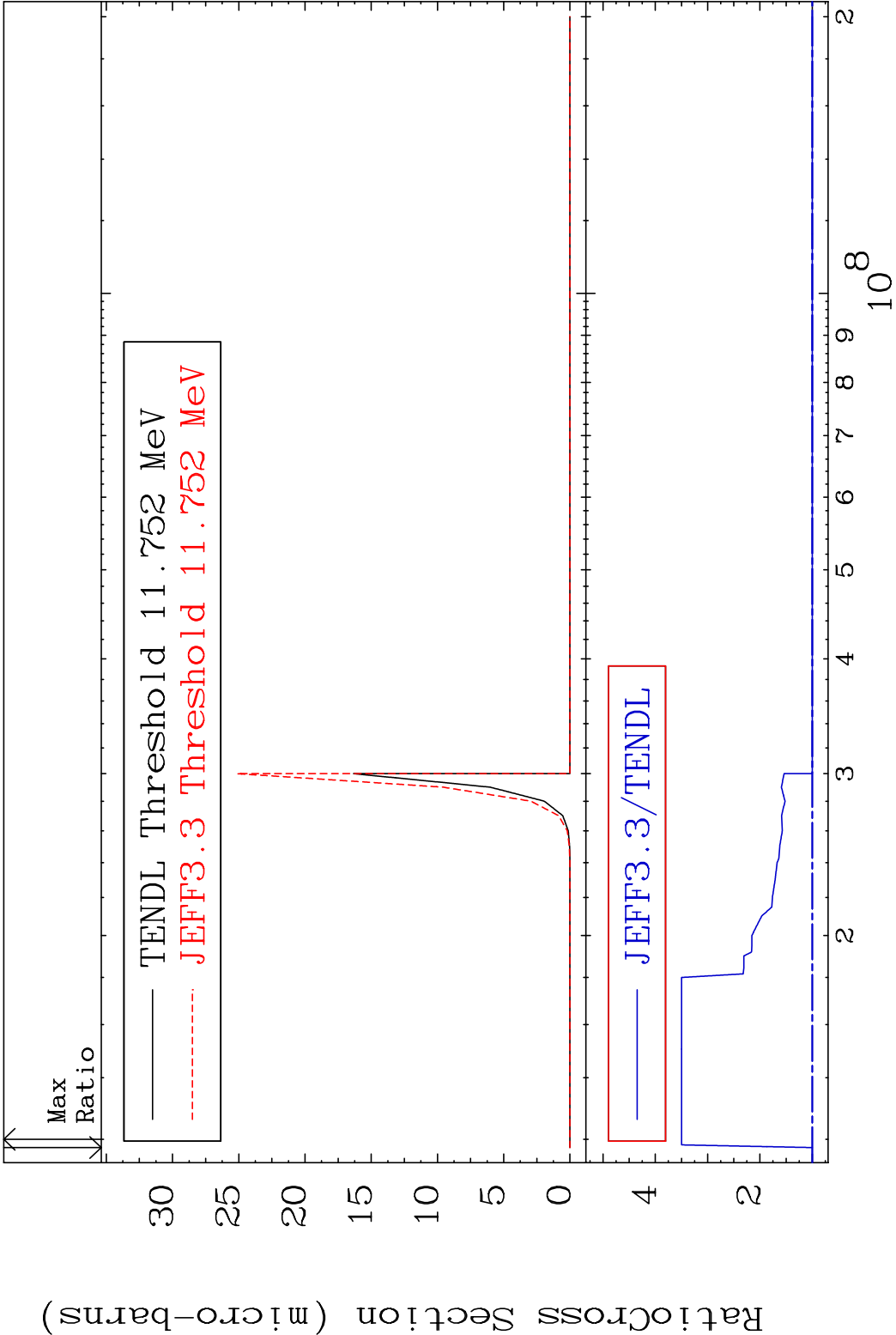


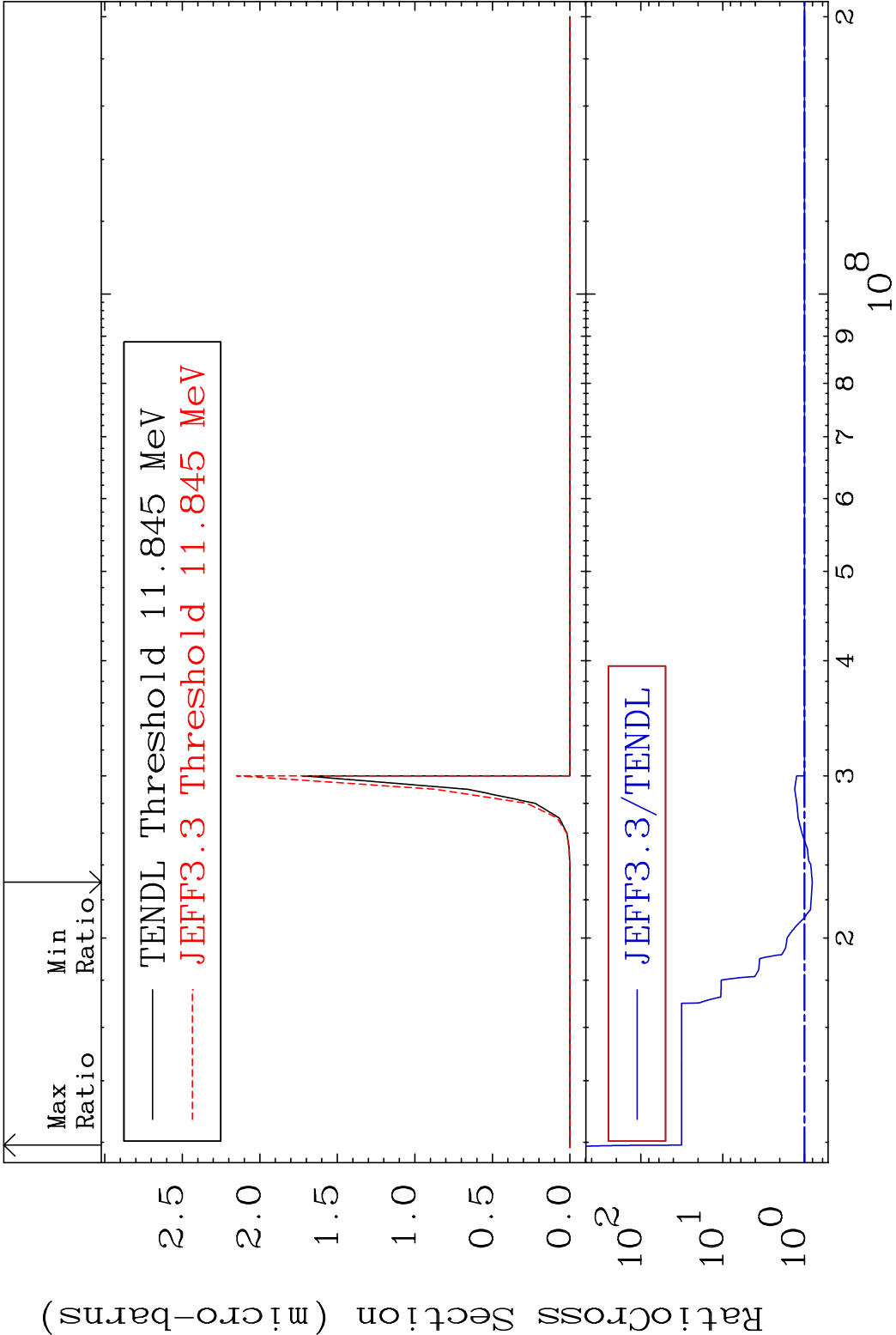
10<sup>-5</sup> 10<sup>-4</sup> 10<sup>-3</sup> 10<sup>-2</sup> 10<sup>-1</sup> 10<sup>0</sup> 10<sup>1</sup> 10<sup>2</sup> 10<sup>3</sup> 10<sup>4</sup> 10<sup>5</sup> 10<sup>6</sup> 10<sup>7</sup> 10<sup>8</sup>

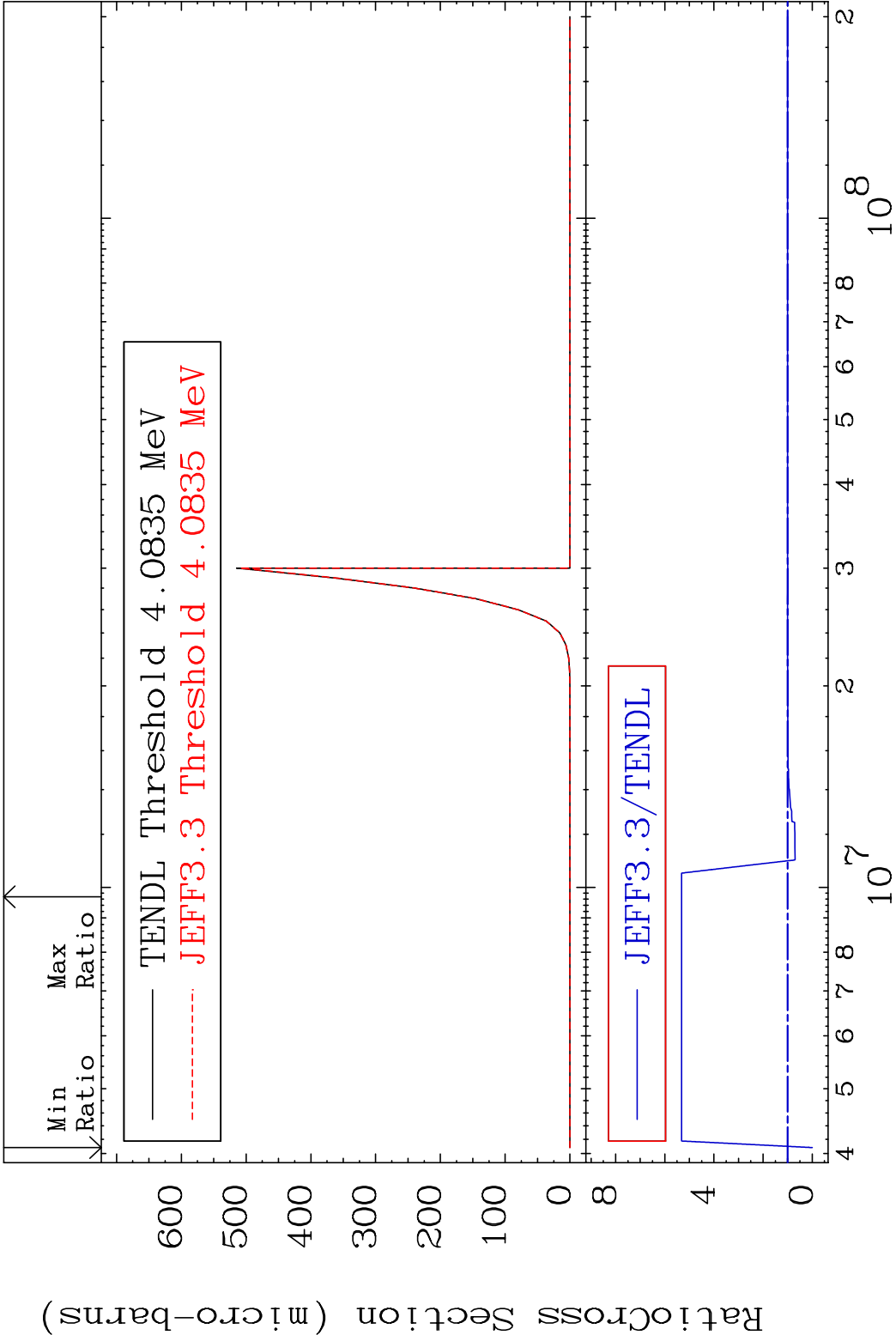
72    Incident Energy (eV)    74-W -180











Radionuclide Production Cross Section (micro-barns)

