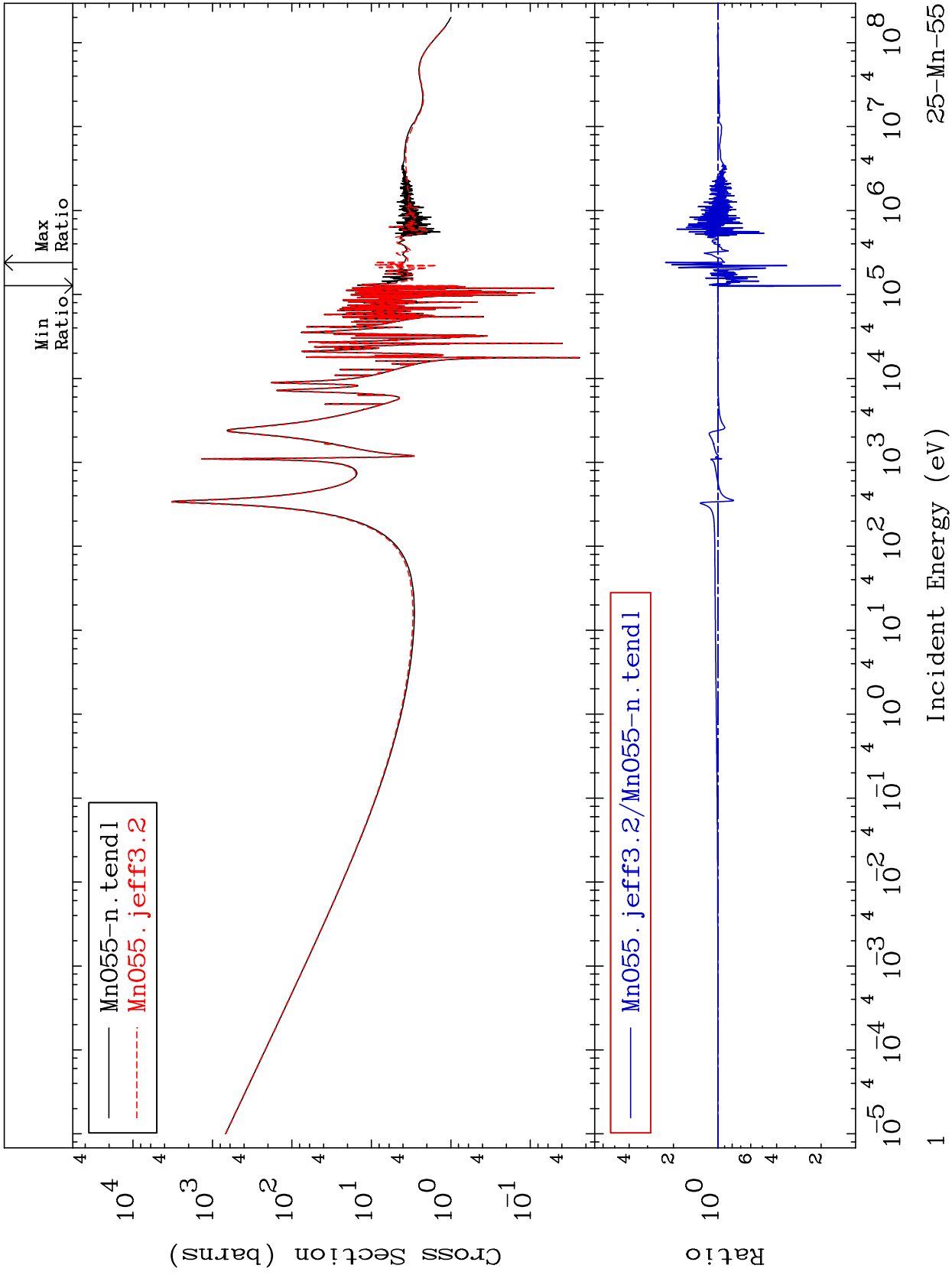


MAT 2525

Total  
Cross Section

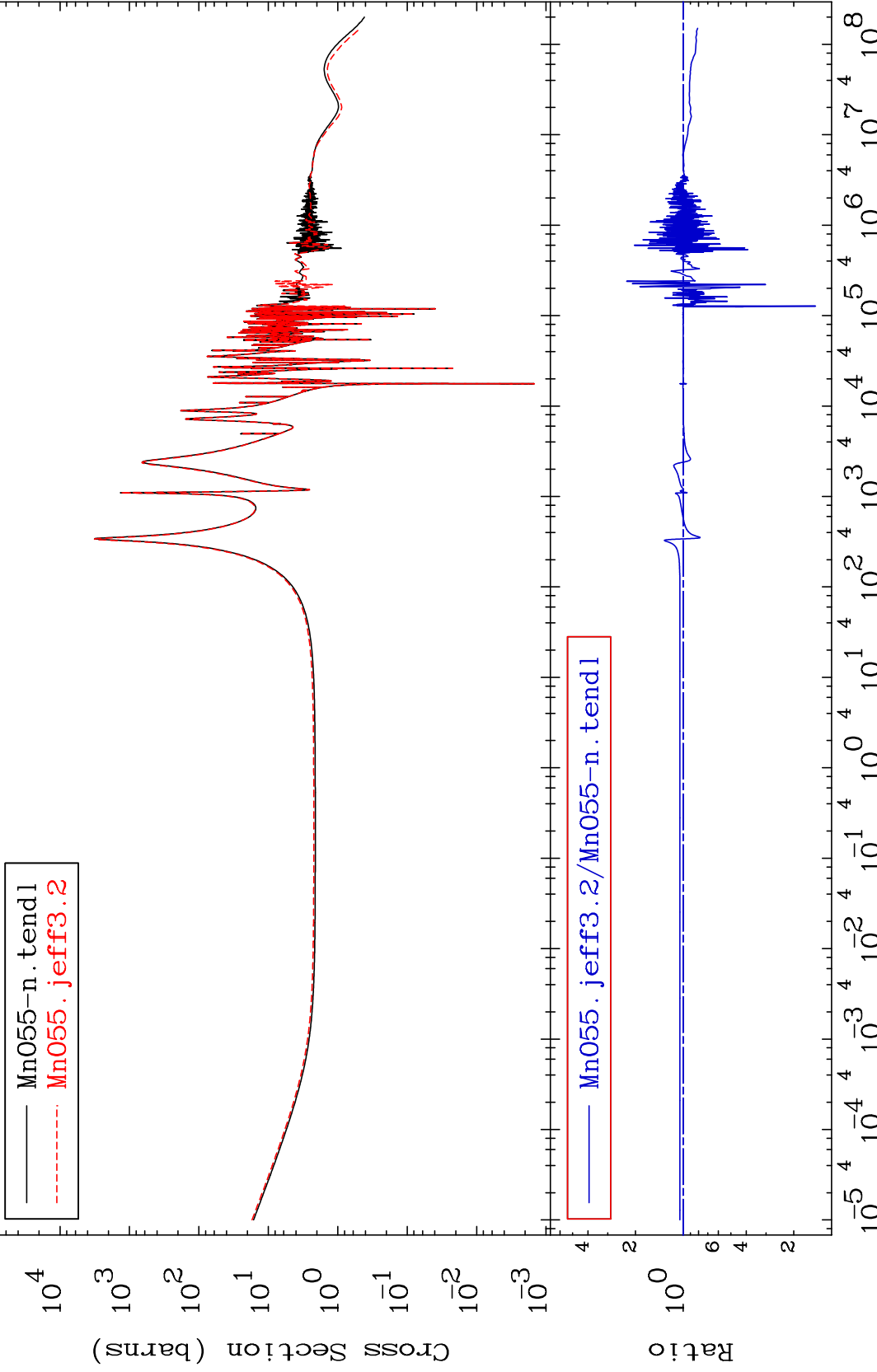
25-Mn-55  
-85.26 To 126.6 %



MAT 2525

Elastic  
Cross Section

25-Mn-55  
-85.41 To 127.5 %



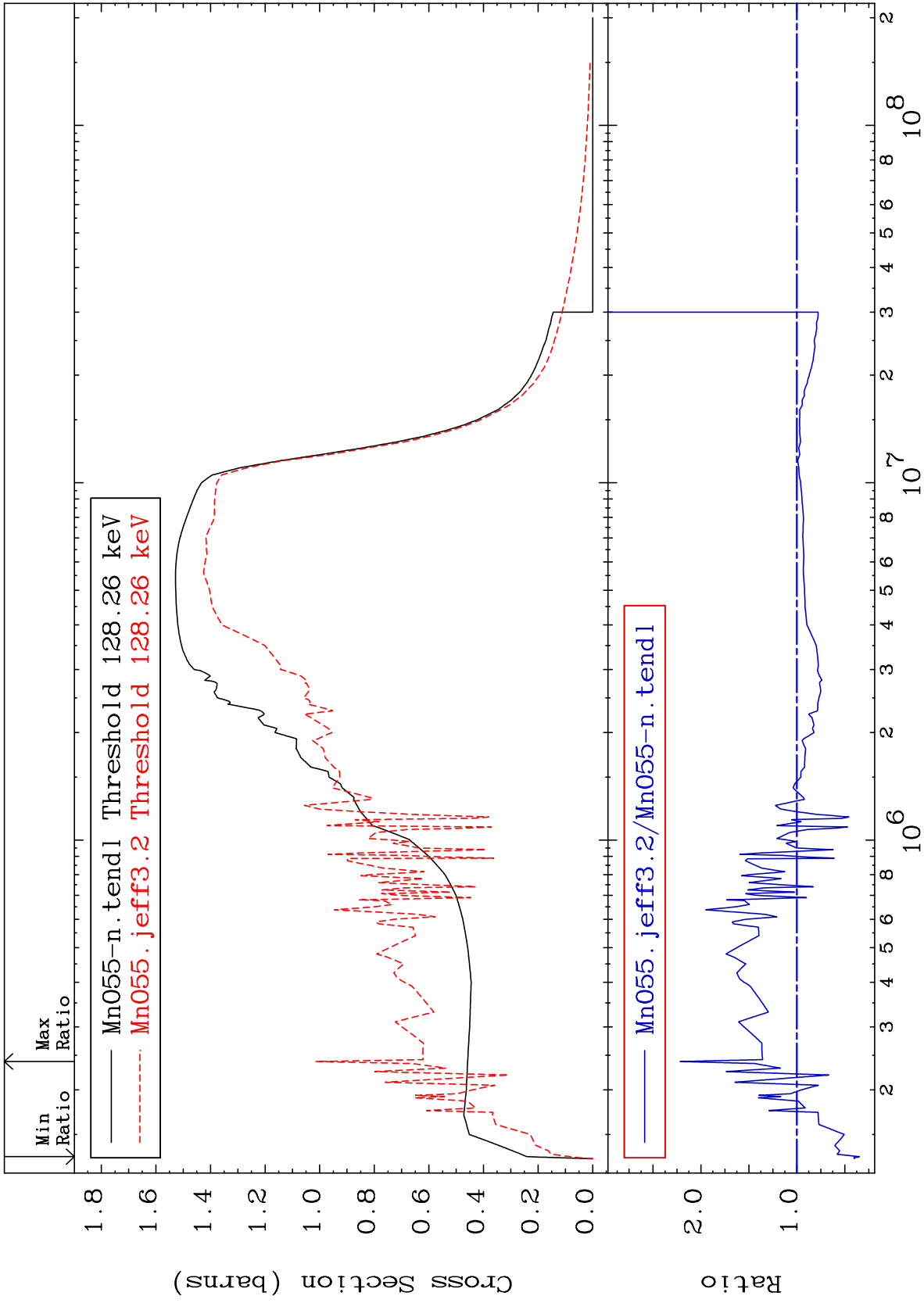
Incident Energy (eV)

25-Mn-55

MAT 2525

Inelastic  
Cross Section

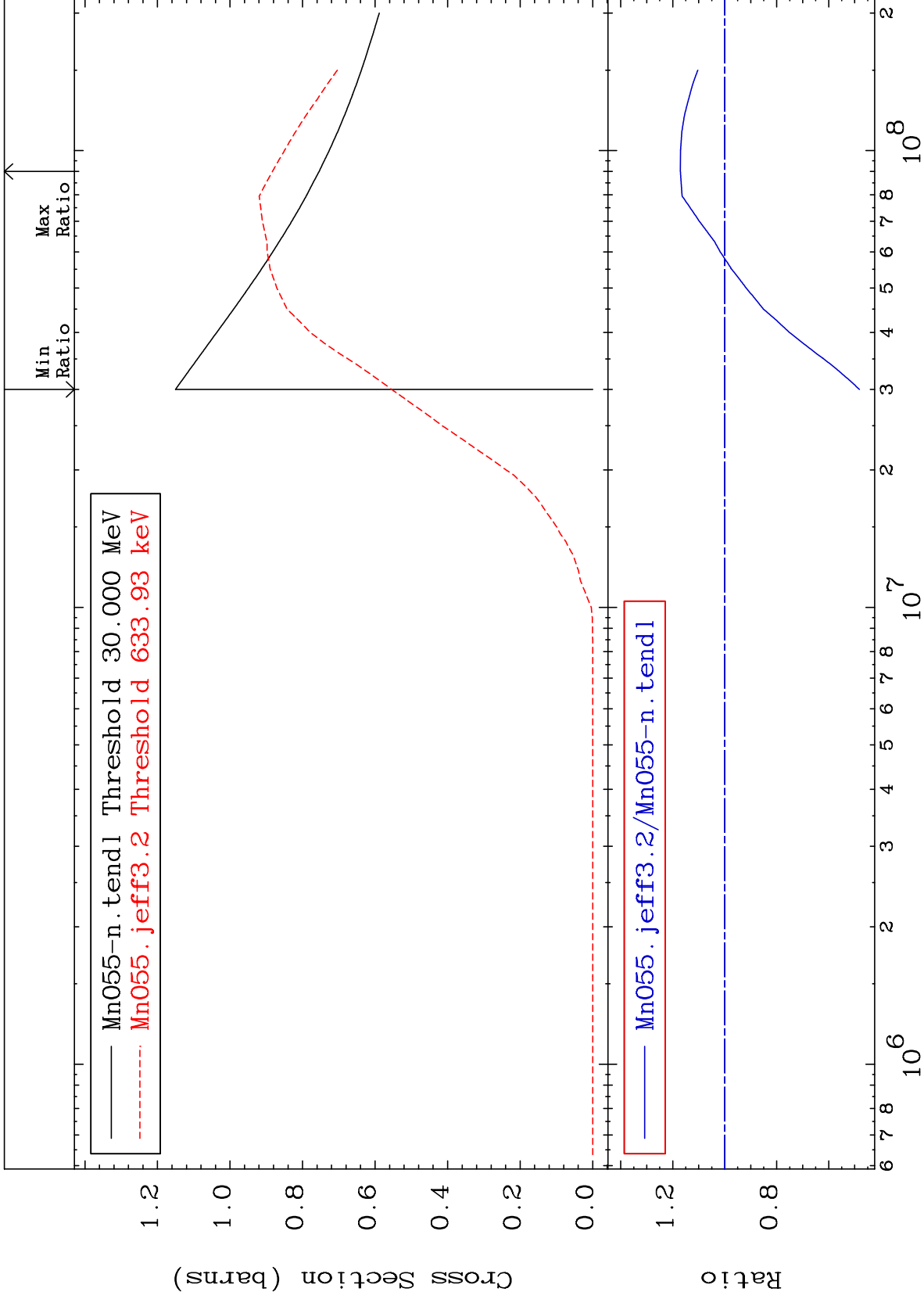
<sup>25</sup>Mn-55  
-65.32 To 121.5 %



MAT 2525

(n, remainder)  
Cross Section

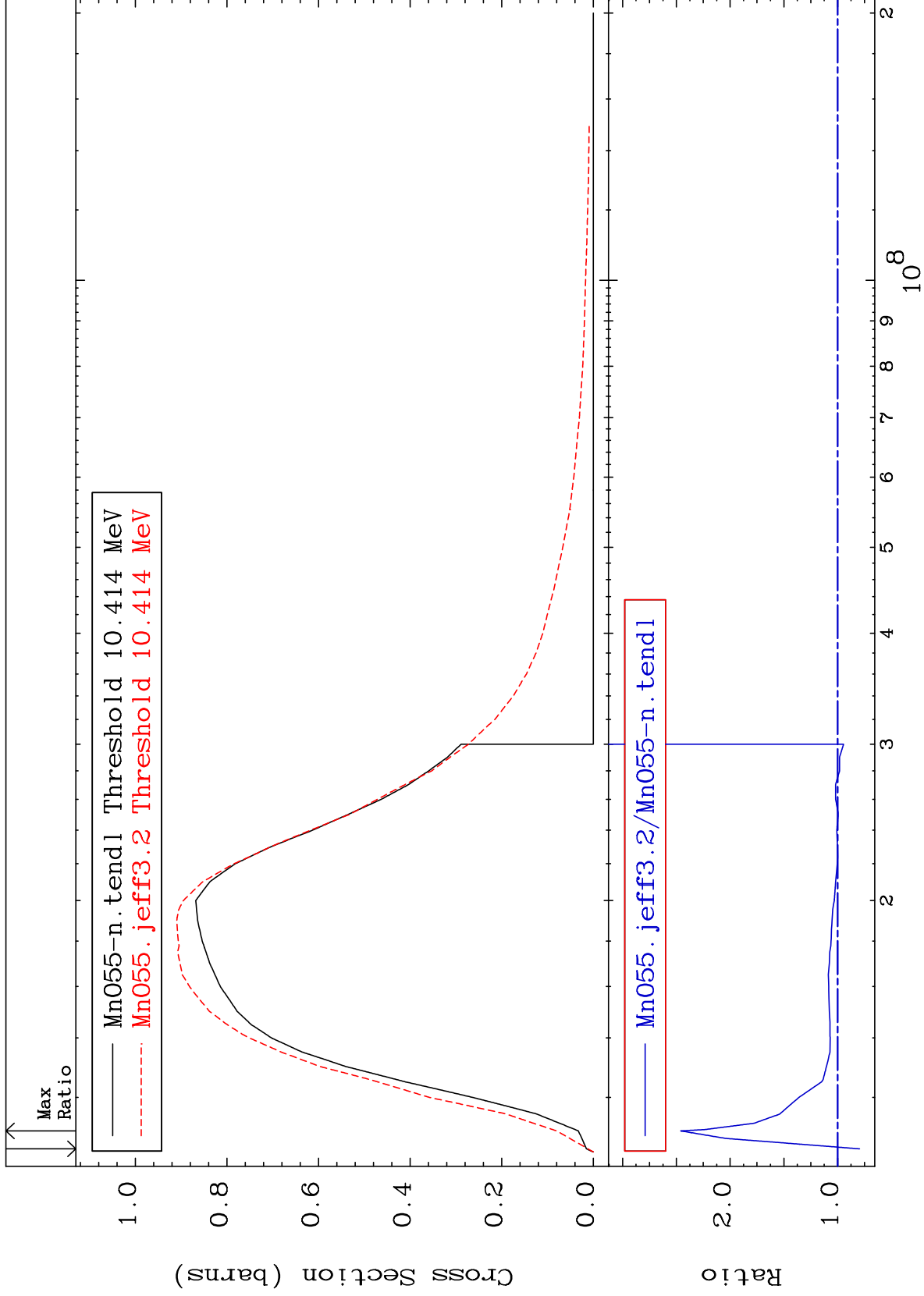
25-Mn-55  
-51.82 To 17.08 %



MAT 2525

(n,2n)  
Cross Section

<sup>25</sup>Mn-55  
-20.38 To 145.9 %



5

Incident Energy (eV)

<sup>25</sup>Mn-55

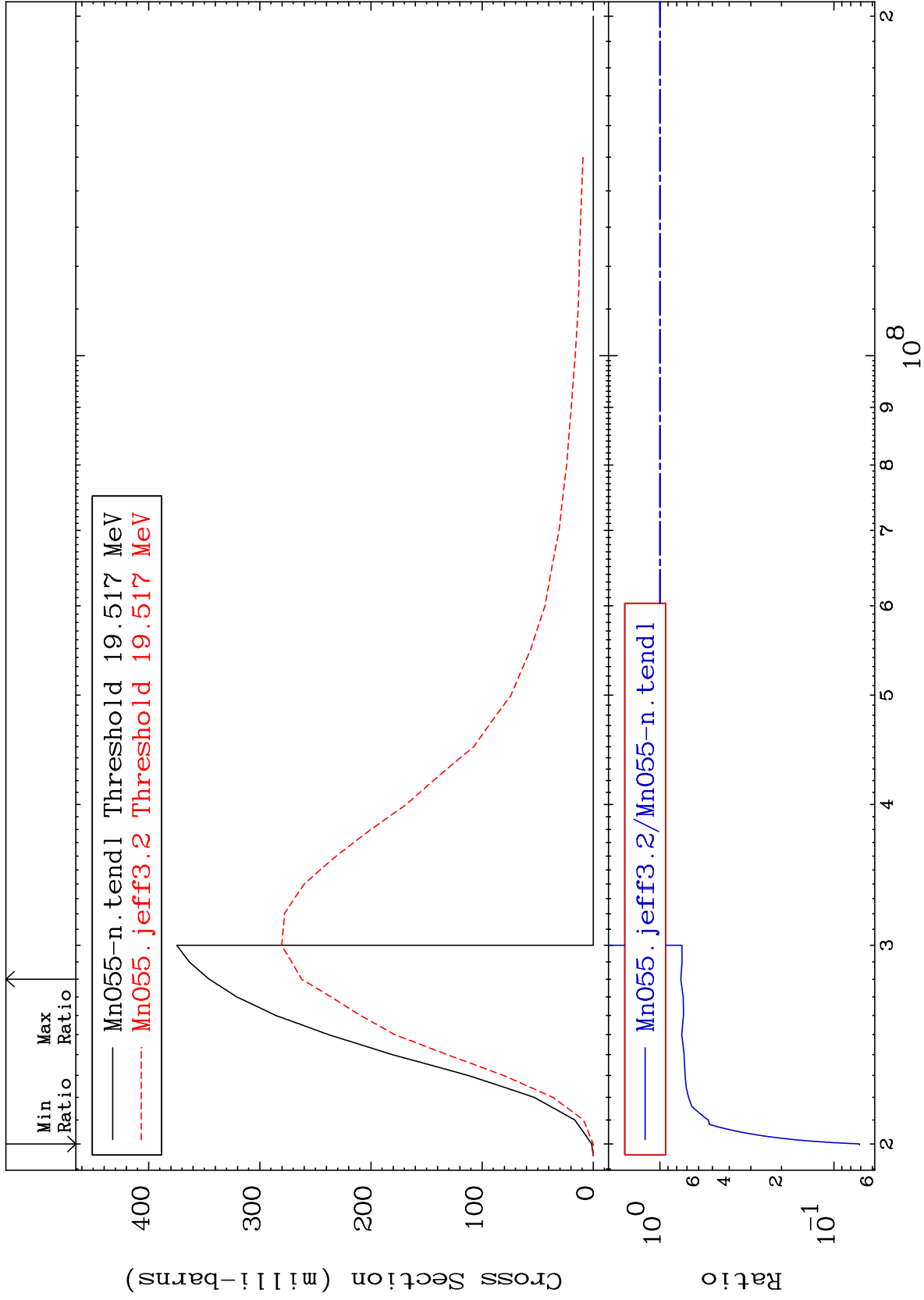
MAT 2525

(n,3n)

<sup>25</sup>Mn-55

Cross Section

-92.88 To -24.08%



6

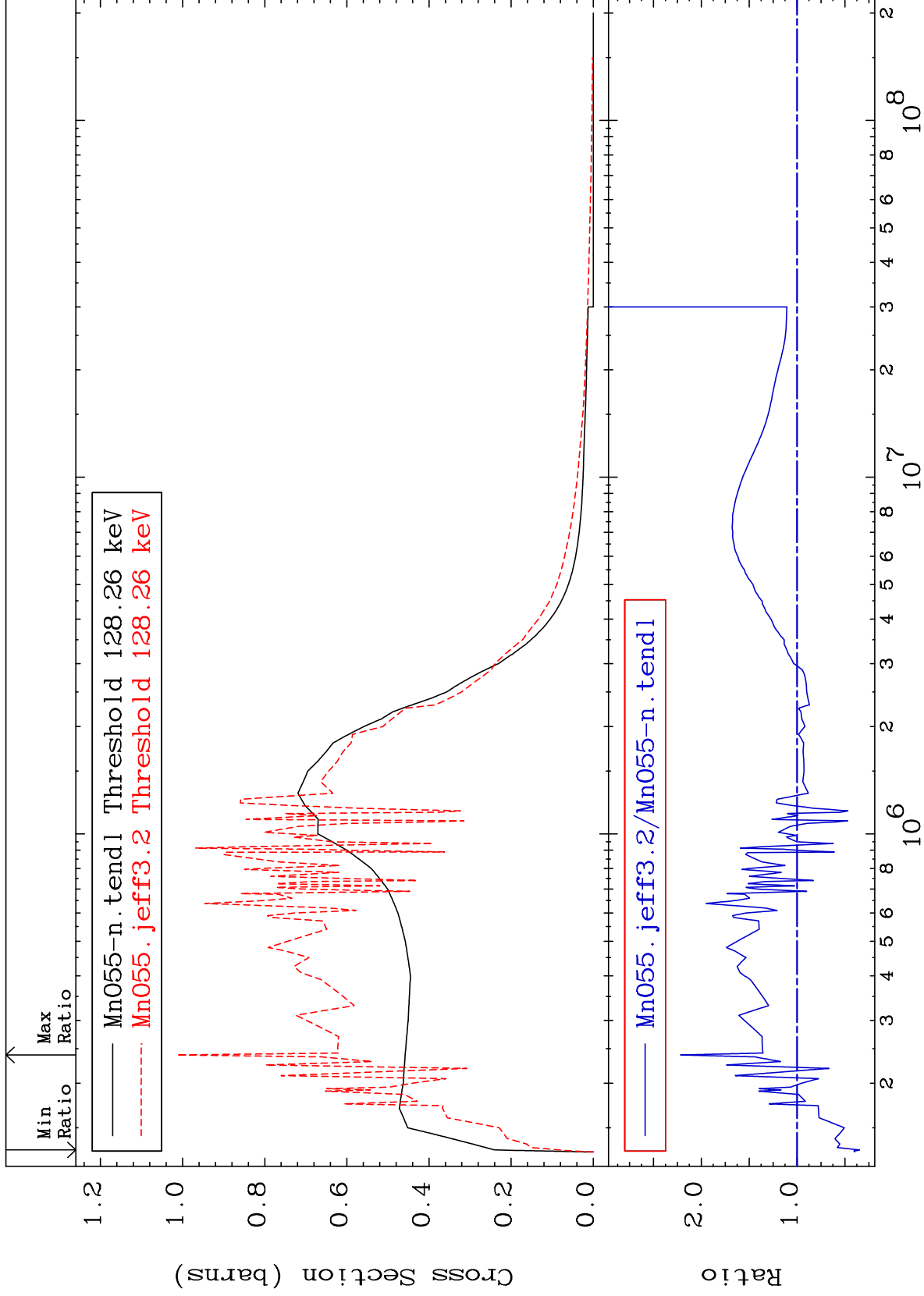
Incident Energy (eV)

<sup>25</sup>Mn-55

MAT 2525

125.9 keV (n,n') Level  
Cross Section

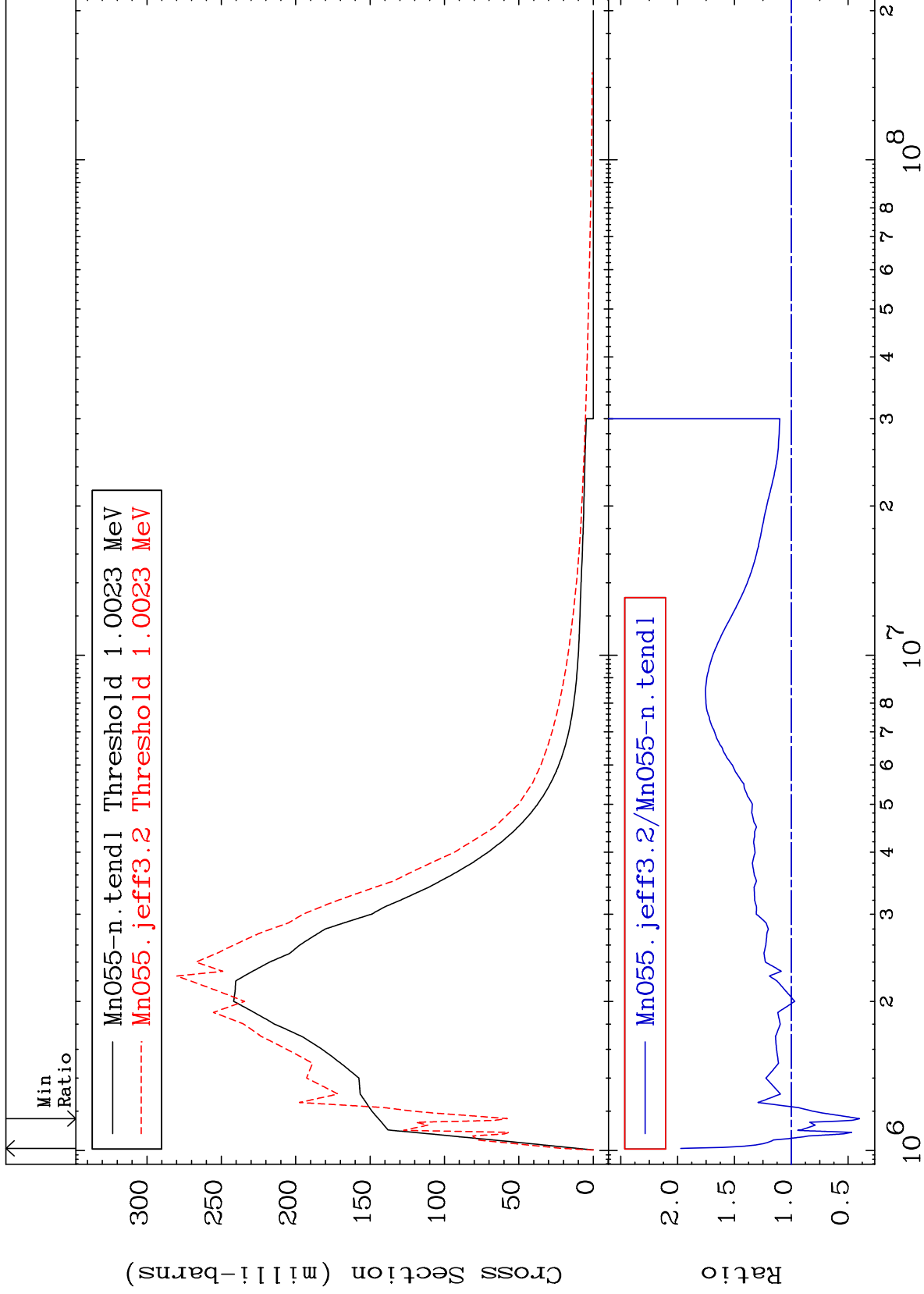
25-Mn-55  
-65.32 To 121.5 %



MAT 2525

984.3 keV (n,n') Level  
Cross Section

25-Mn-55  
-60.07 To 97.23 %



Incident Energy (eV)

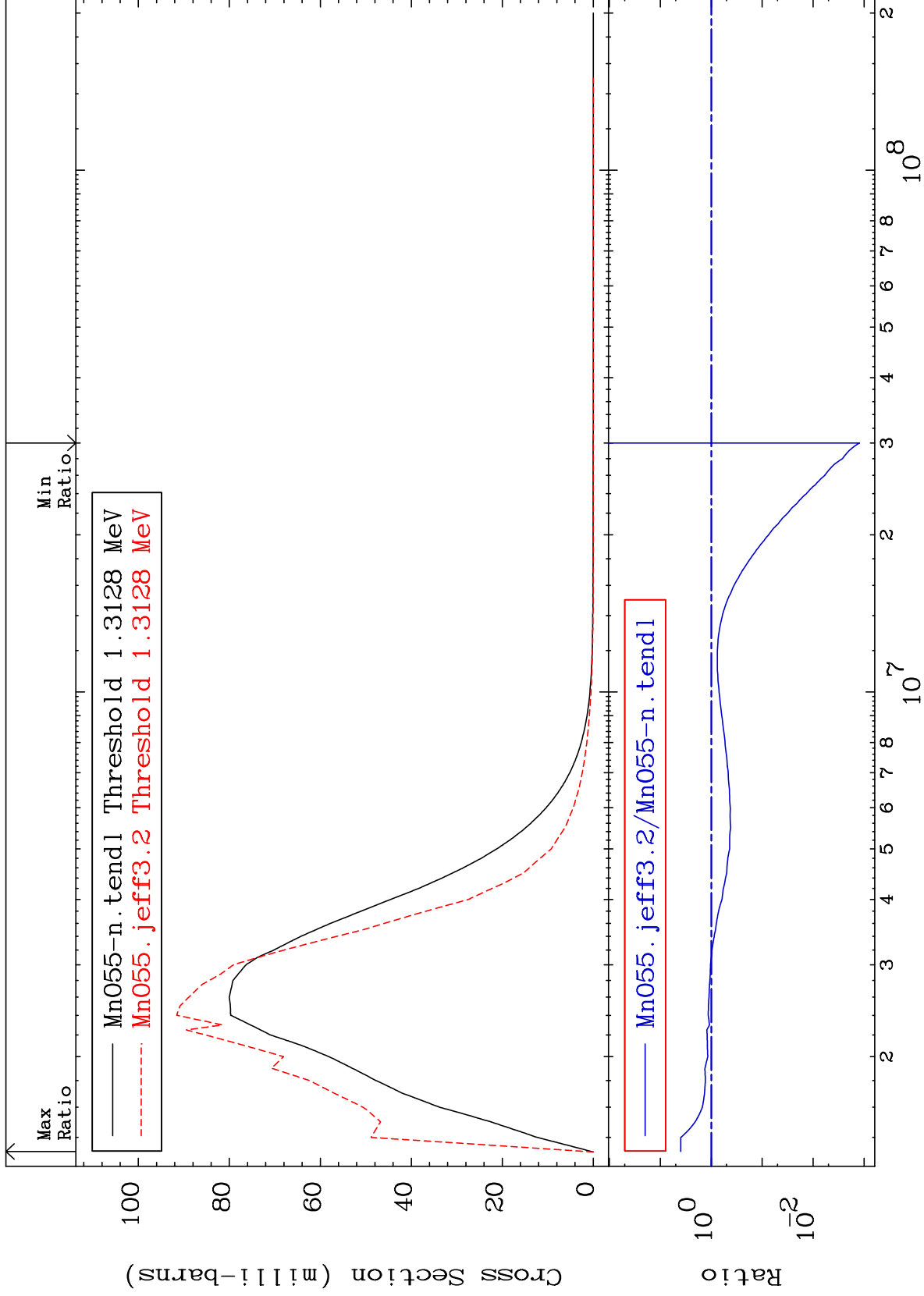
25-Mn-55



MAT 2525

1.289 MeV (n,n') Level  
Cross Section

25-Mn-55  
-99.88 To 297.2 %



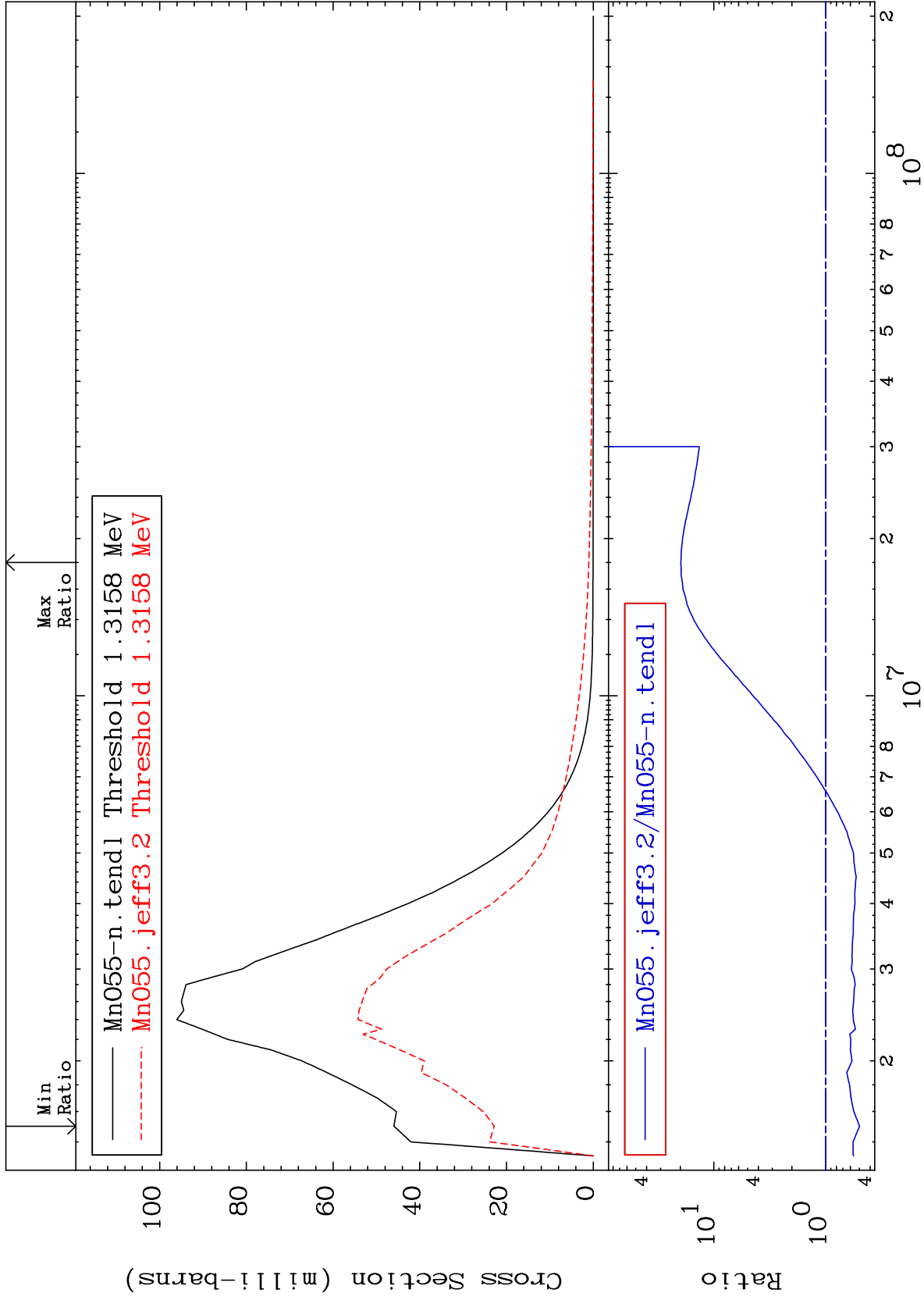
MAT 2525

1.292 MeV (n,n') Level

<sup>25</sup>Mn-55

-50.30 To 1879. %

Cross Section



10

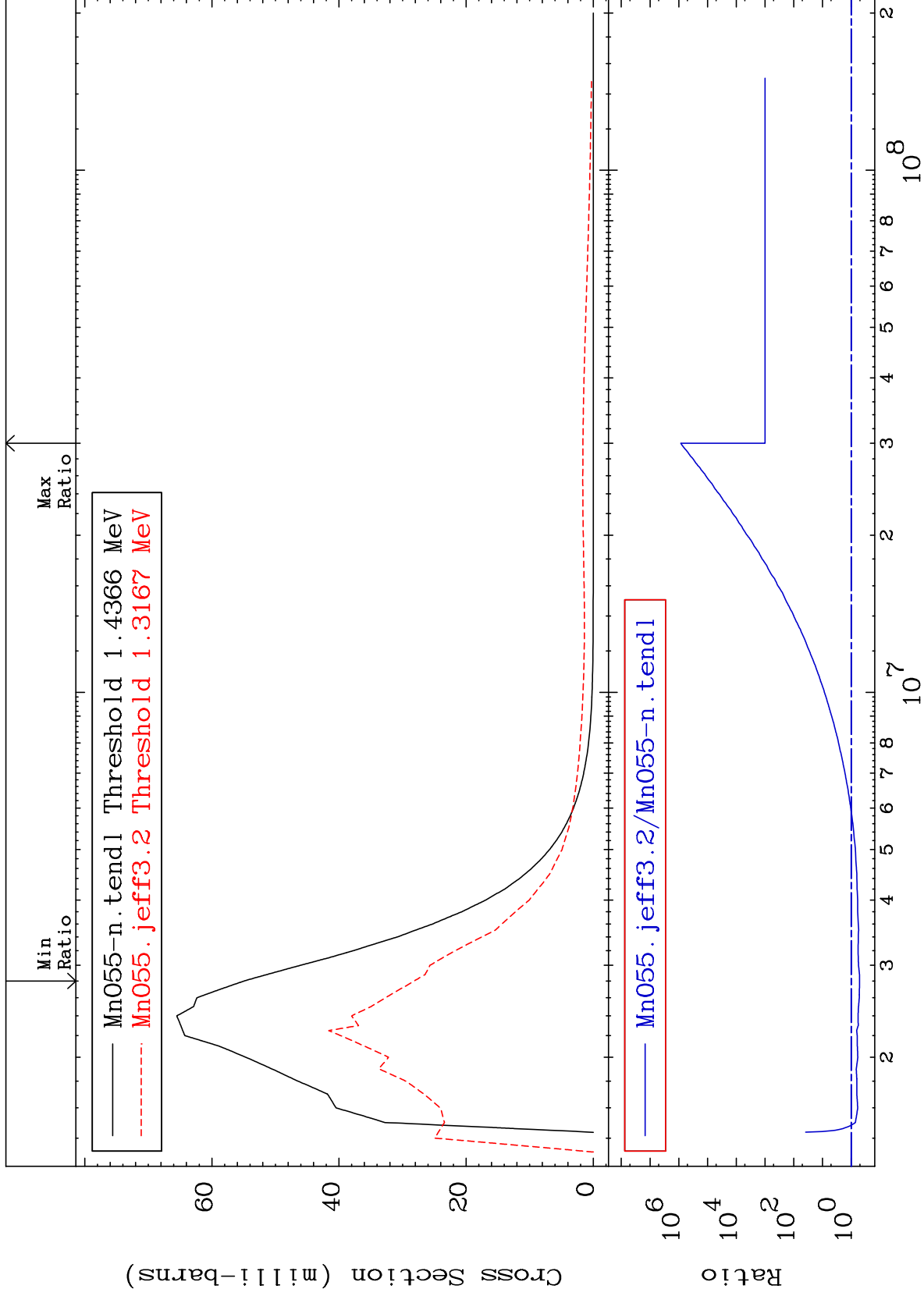
Incident Energy (eV)

<sup>25</sup>Mn-55

MAT 2525

1.411 MeV (n,n') Level  
Cross Section

25-Mn-55  
-48.70 To 9999. %



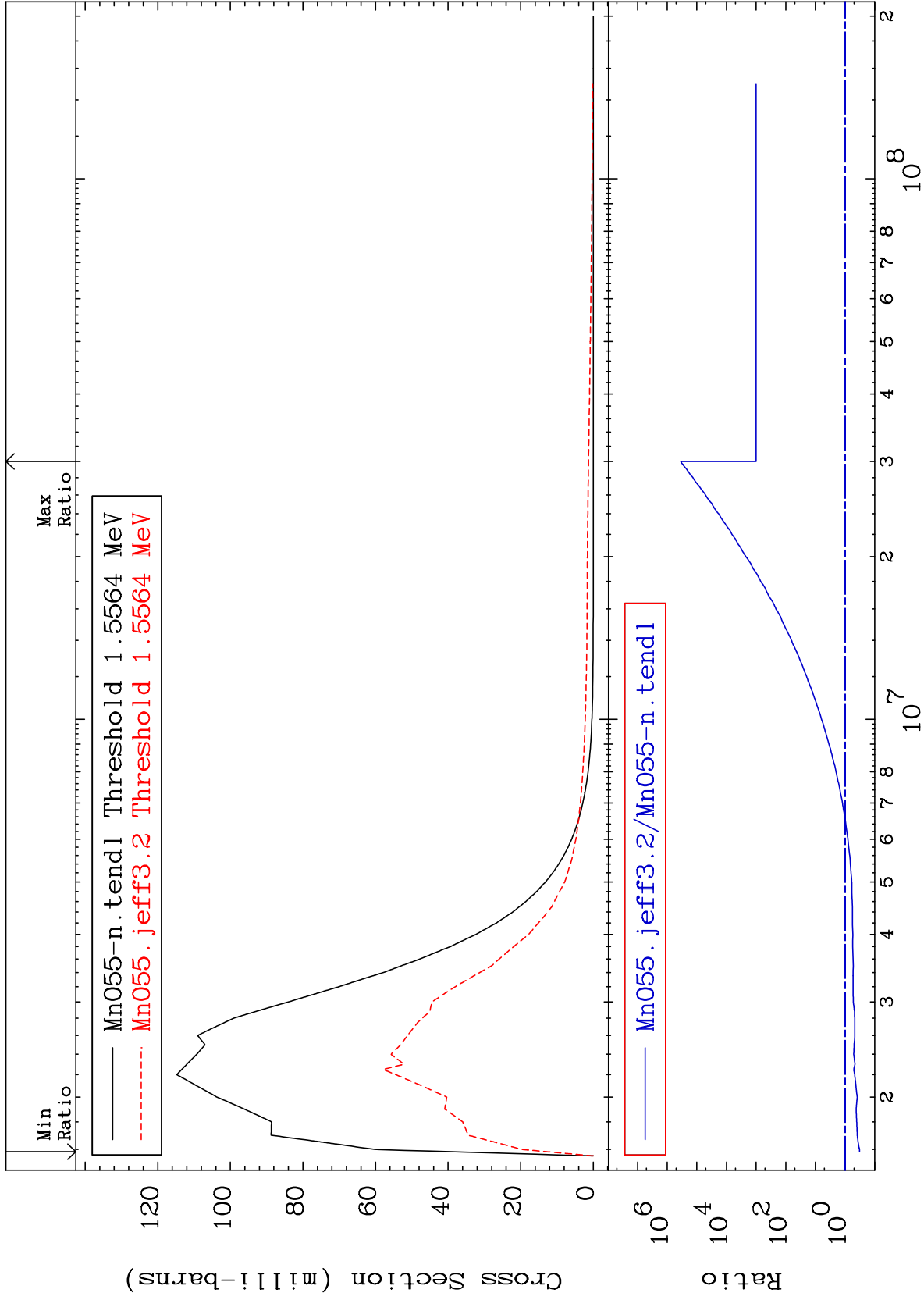
MAT 2525

1.528 MeV (n,n') Level

<sup>25</sup>Mn-55

-67.40 To 9999. %

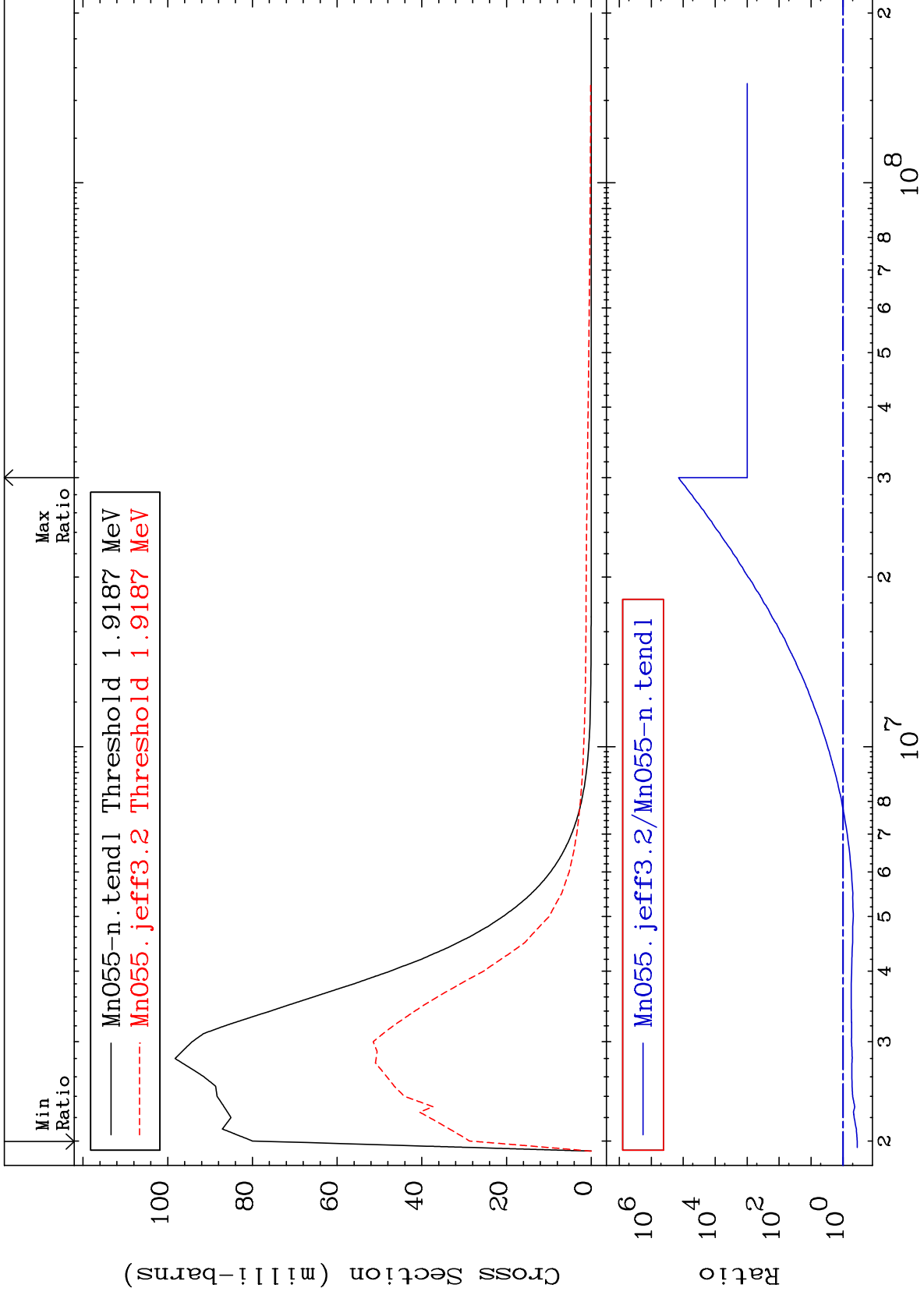
Cross Section



MAT 2525

1.884 MeV (n,n') Level  
Cross Section

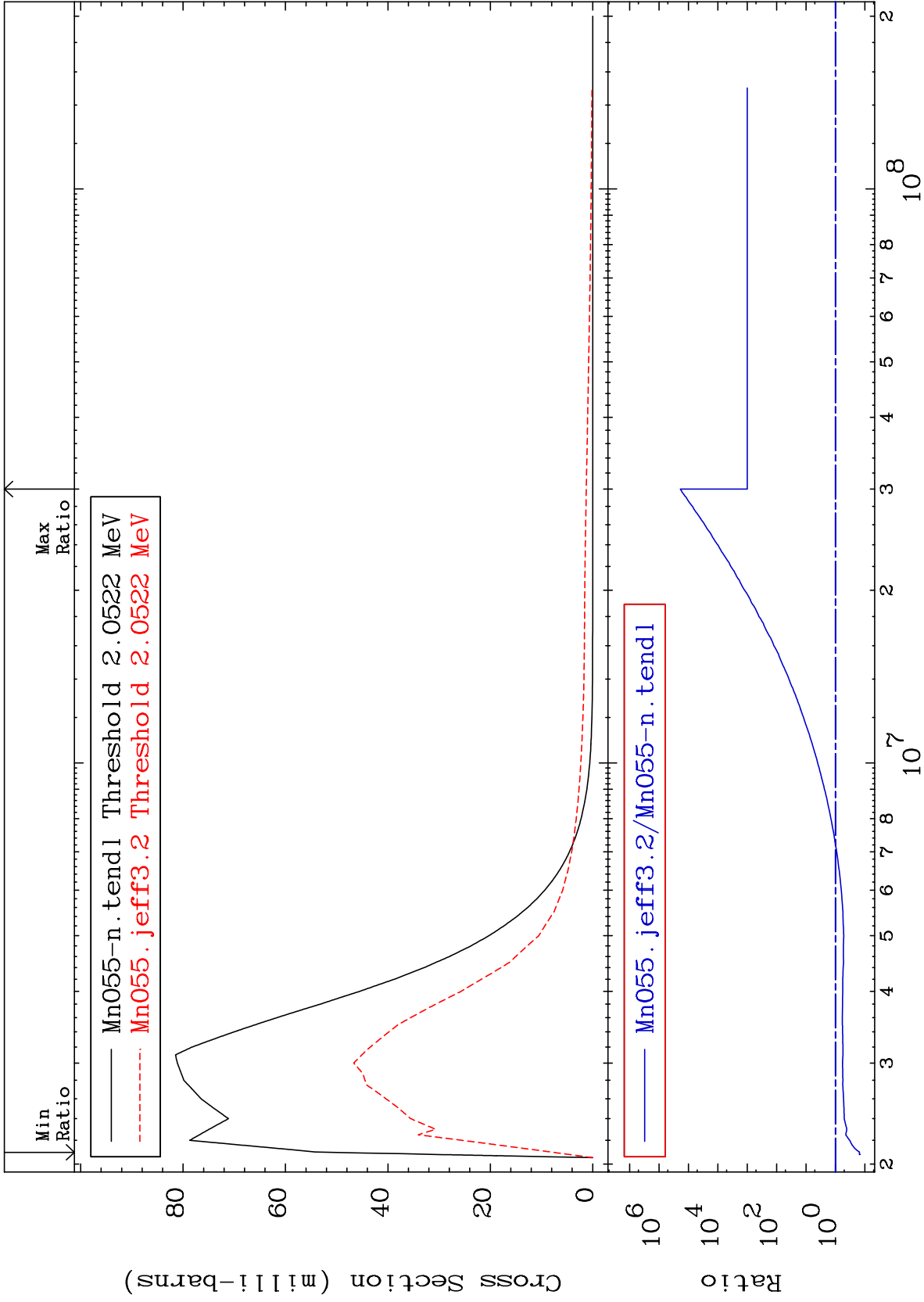
25-Mn-55  
-64.09 To 9999. %



MAT 2525

2.015 MeV (n,n') Level  
Cross Section

25-Mn-55  
-84.78 To 9999. %



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Incident Energy (eV)

25-Mn-55

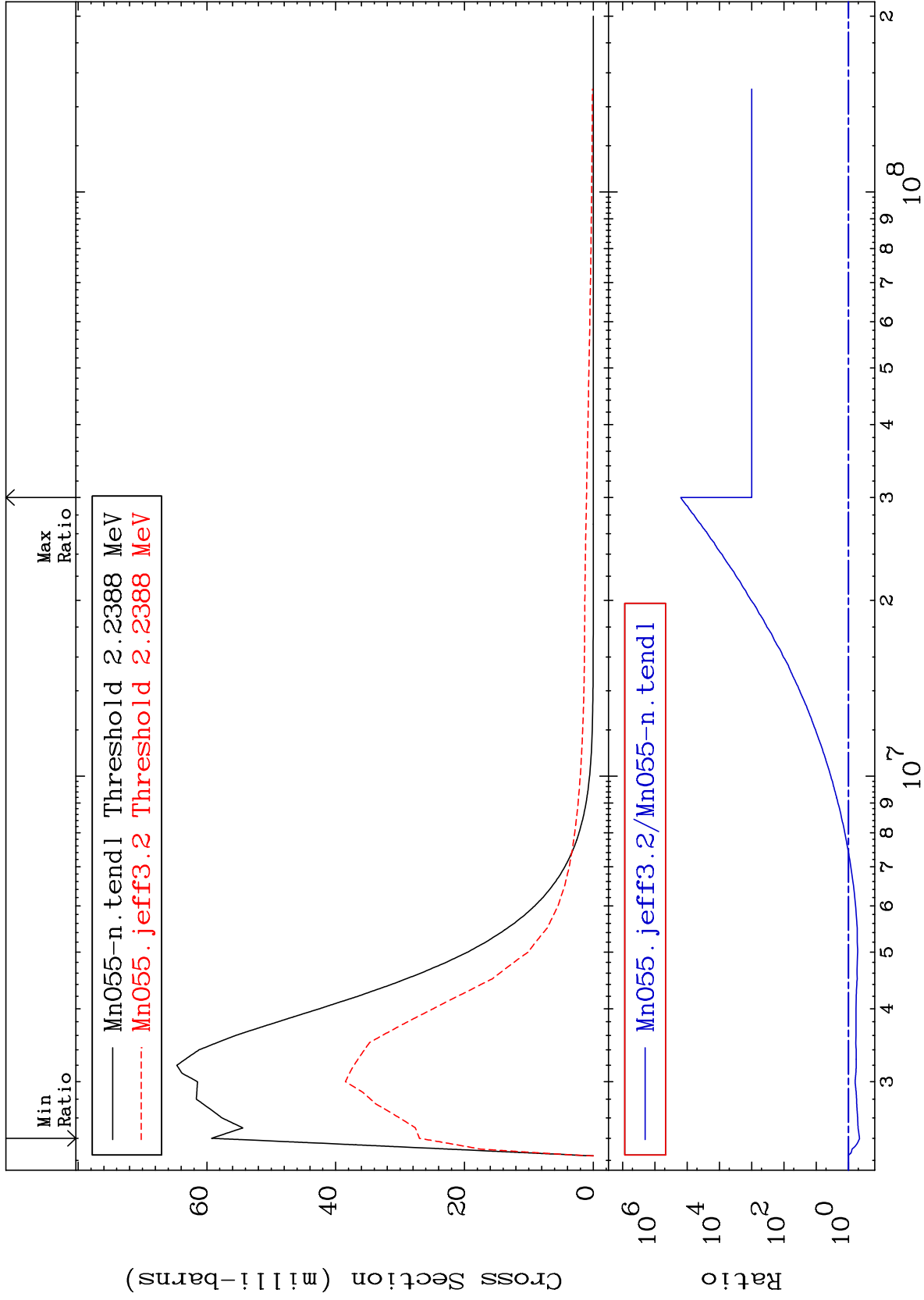
MAT 2525

2.198 MeV (n,n') Level

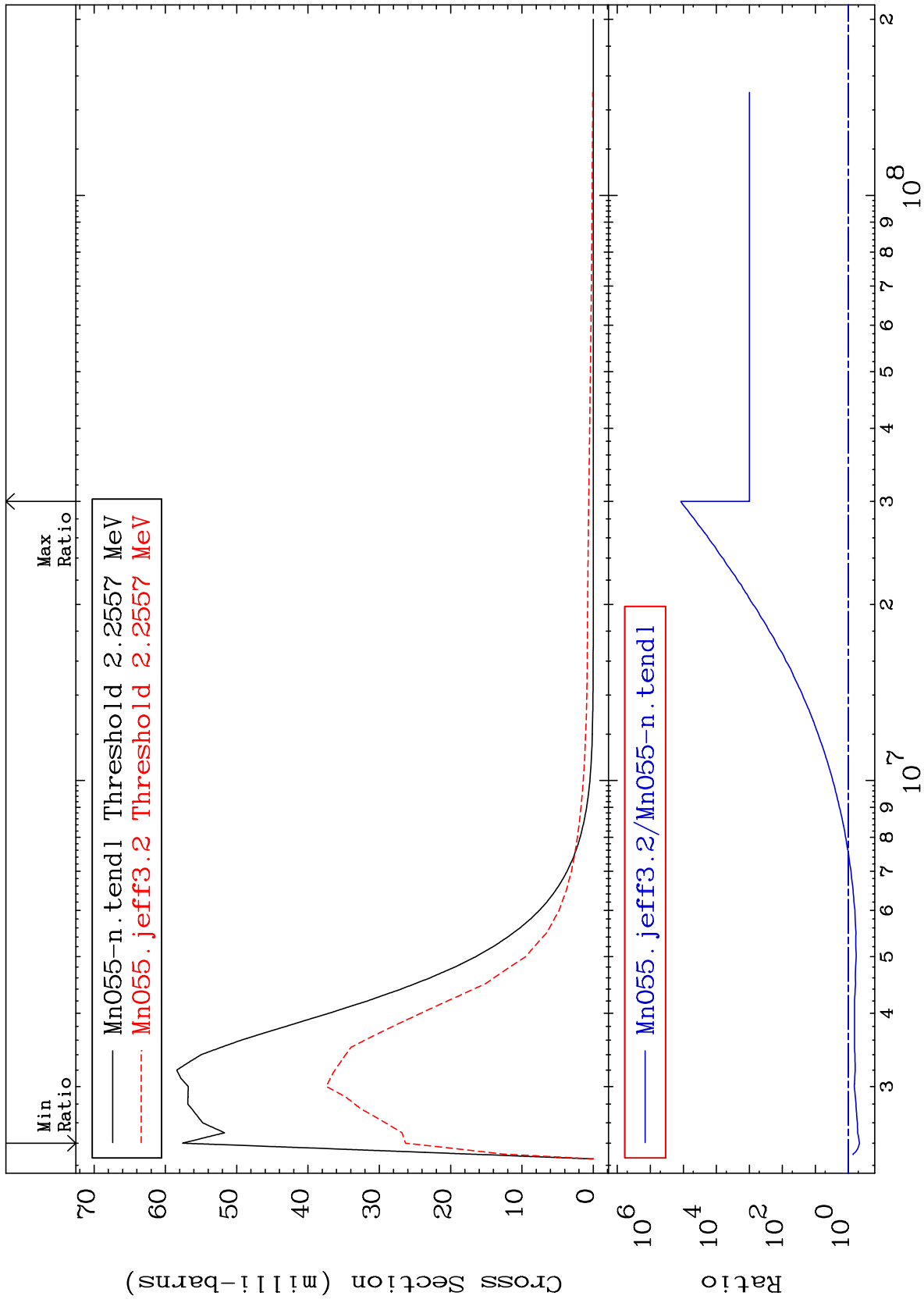
<sup>25</sup>Mn-55

-54.44 To 9999. %

Cross Section

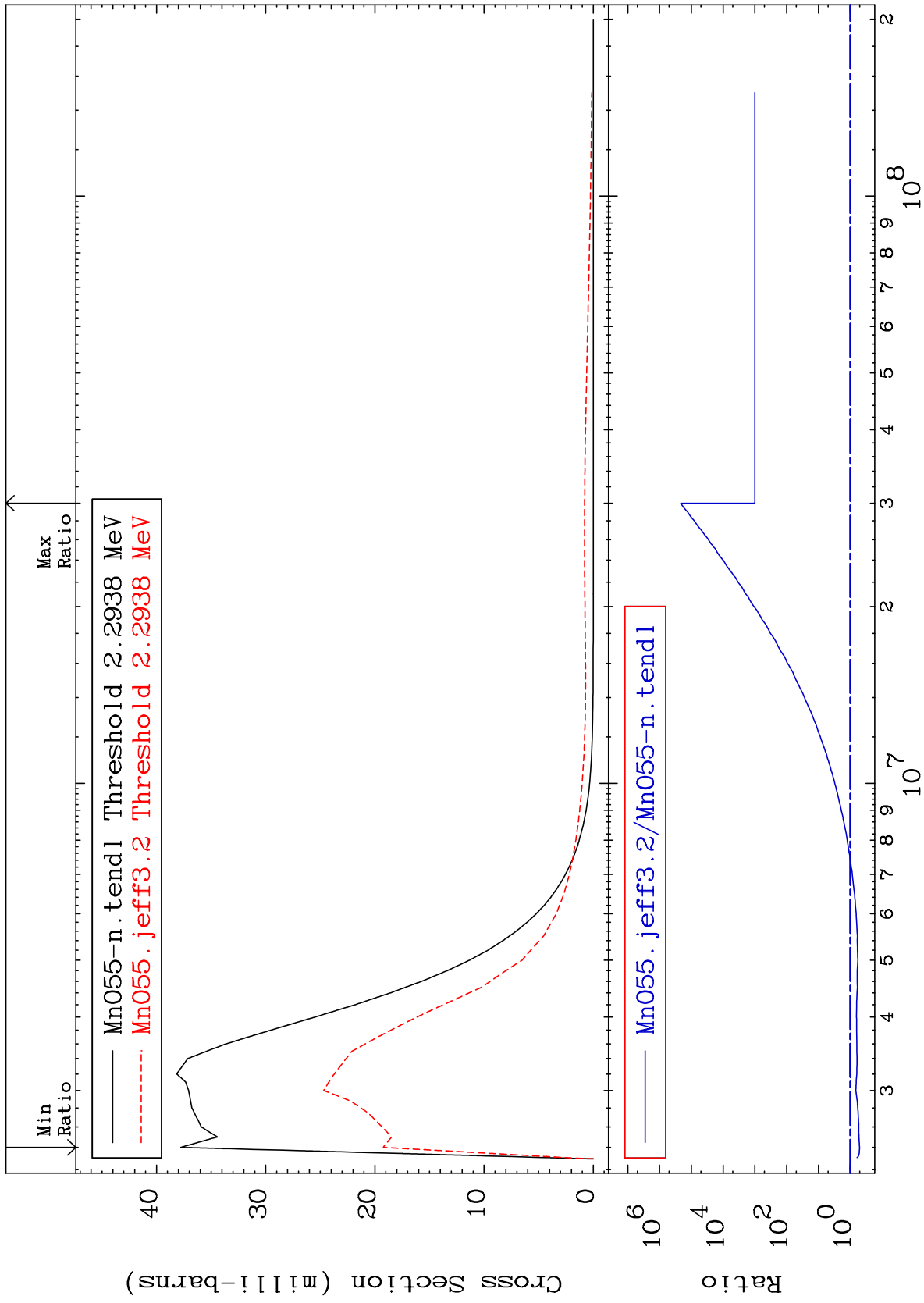


MAT 2525      2.215 MeV (n,n') Level      25-Mn-55  
 Cross Section      -54.30 To 9999. %





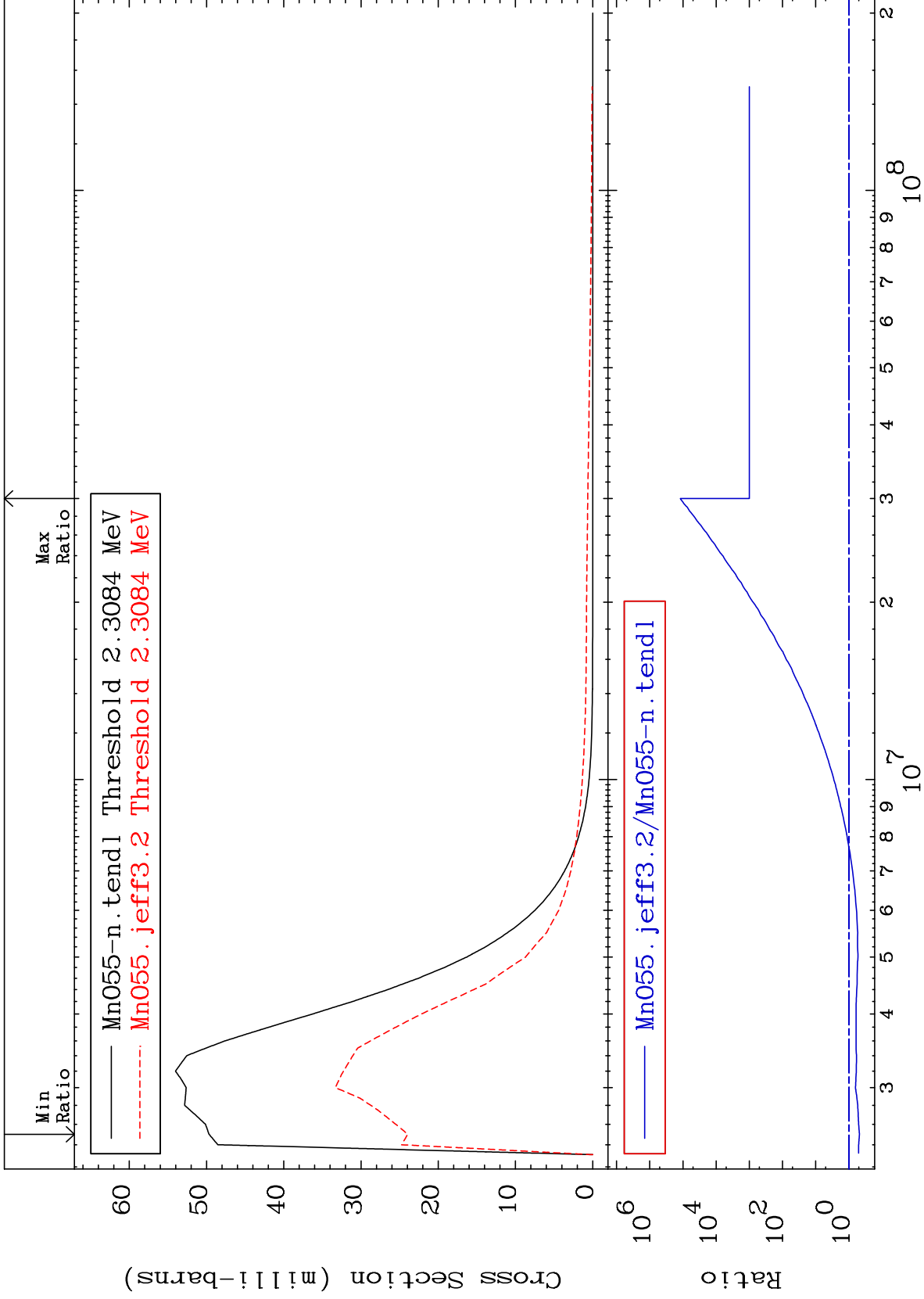
MAT 2525      2.252 MeV (n,n') Level      25-Mn-55  
 Cross Section      -49.07 To 9999. %



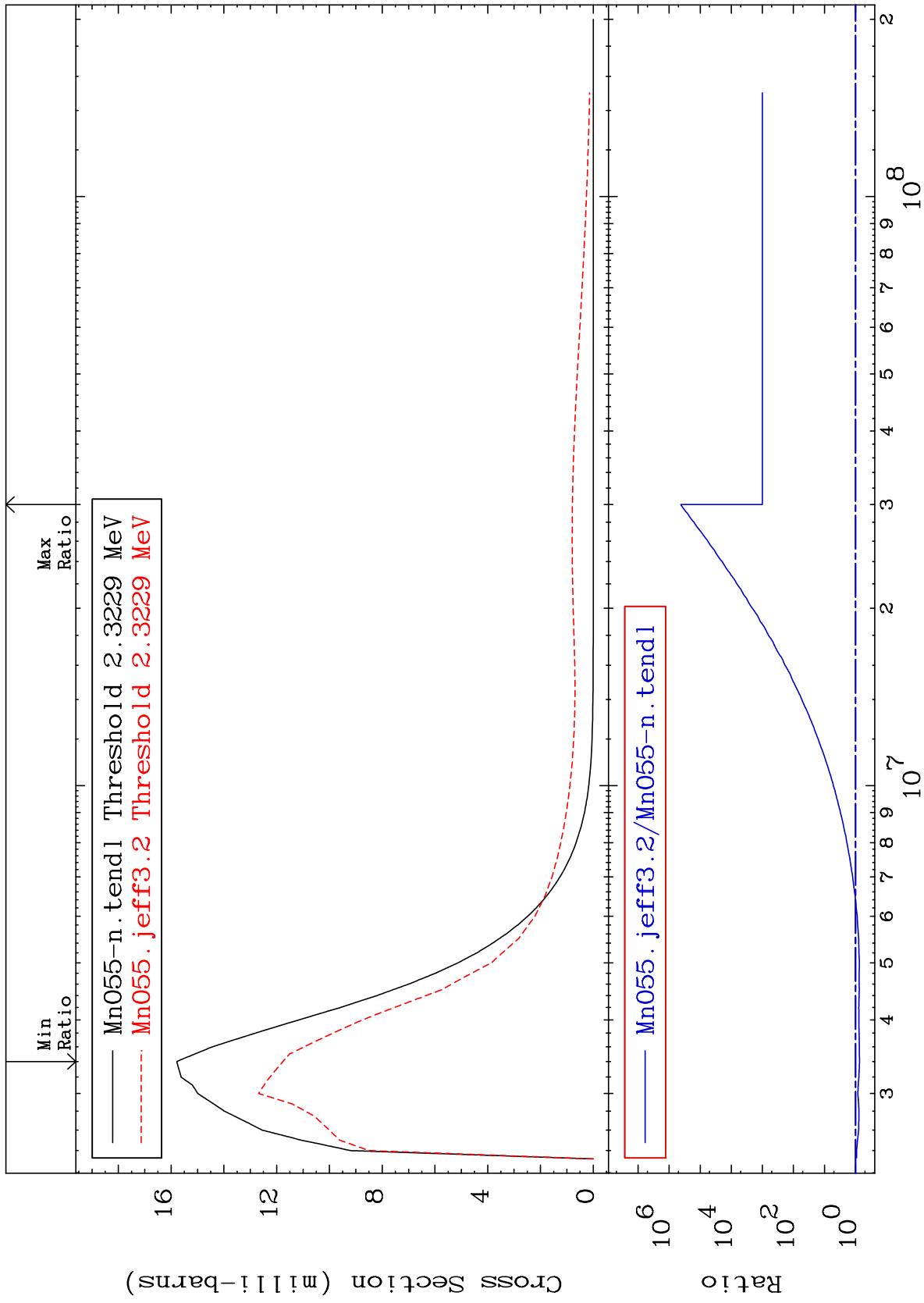
MAT 2525

2.267 MeV (n,n') Level  
Cross Section

25-Mn-55  
-51.79 To 9999. %



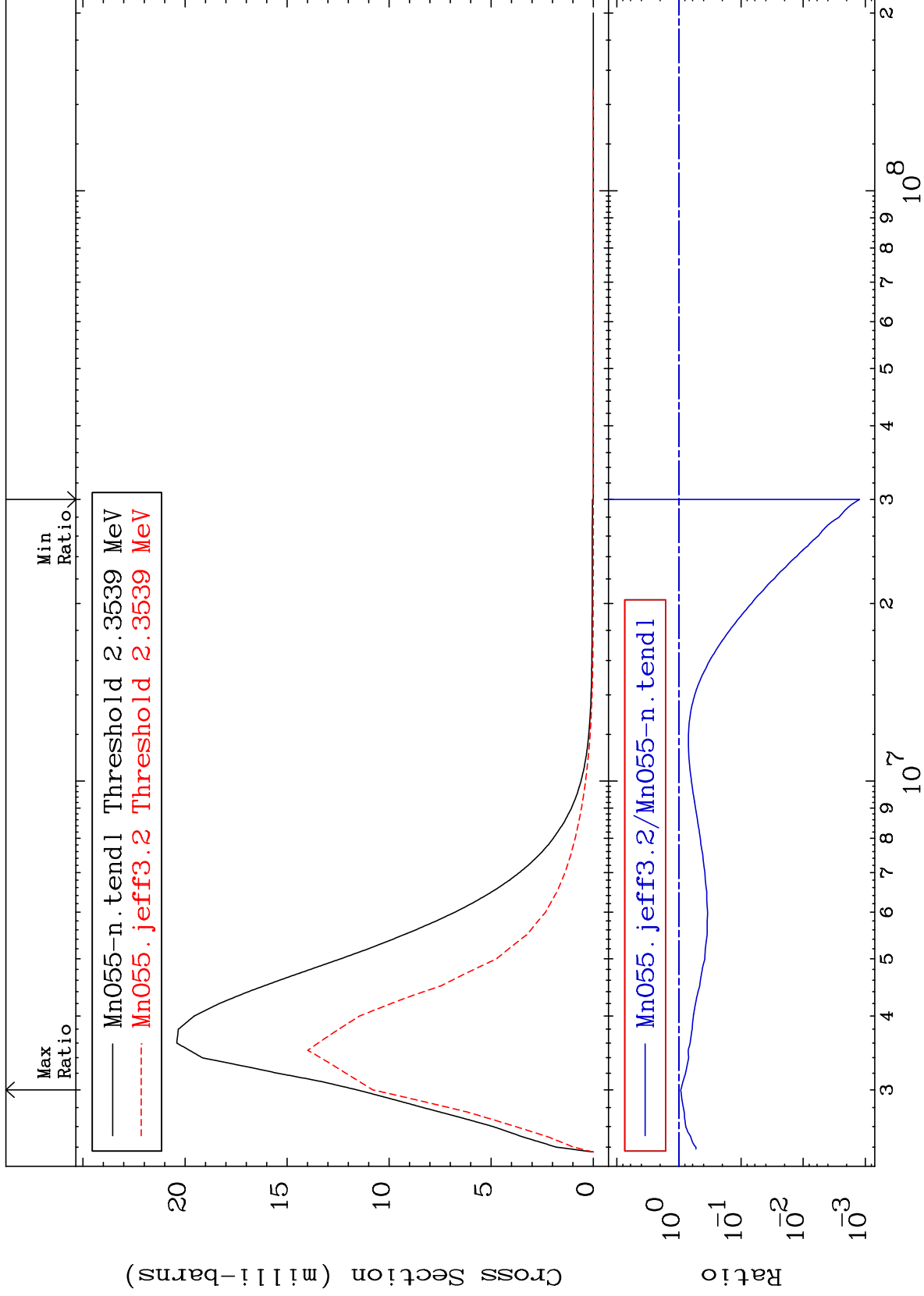
MAT 2525      2.281 MeV (n,n') Level      25-Mn-55  
 Cross Section      -25.51 To 9999. %



MAT 2525

2.311 MeV (n,n') Level  
Cross Section

<sup>25</sup>Mn-55  
-99.88 To -6.688%



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Incident Energy (eV)

<sup>25</sup>Mn-55

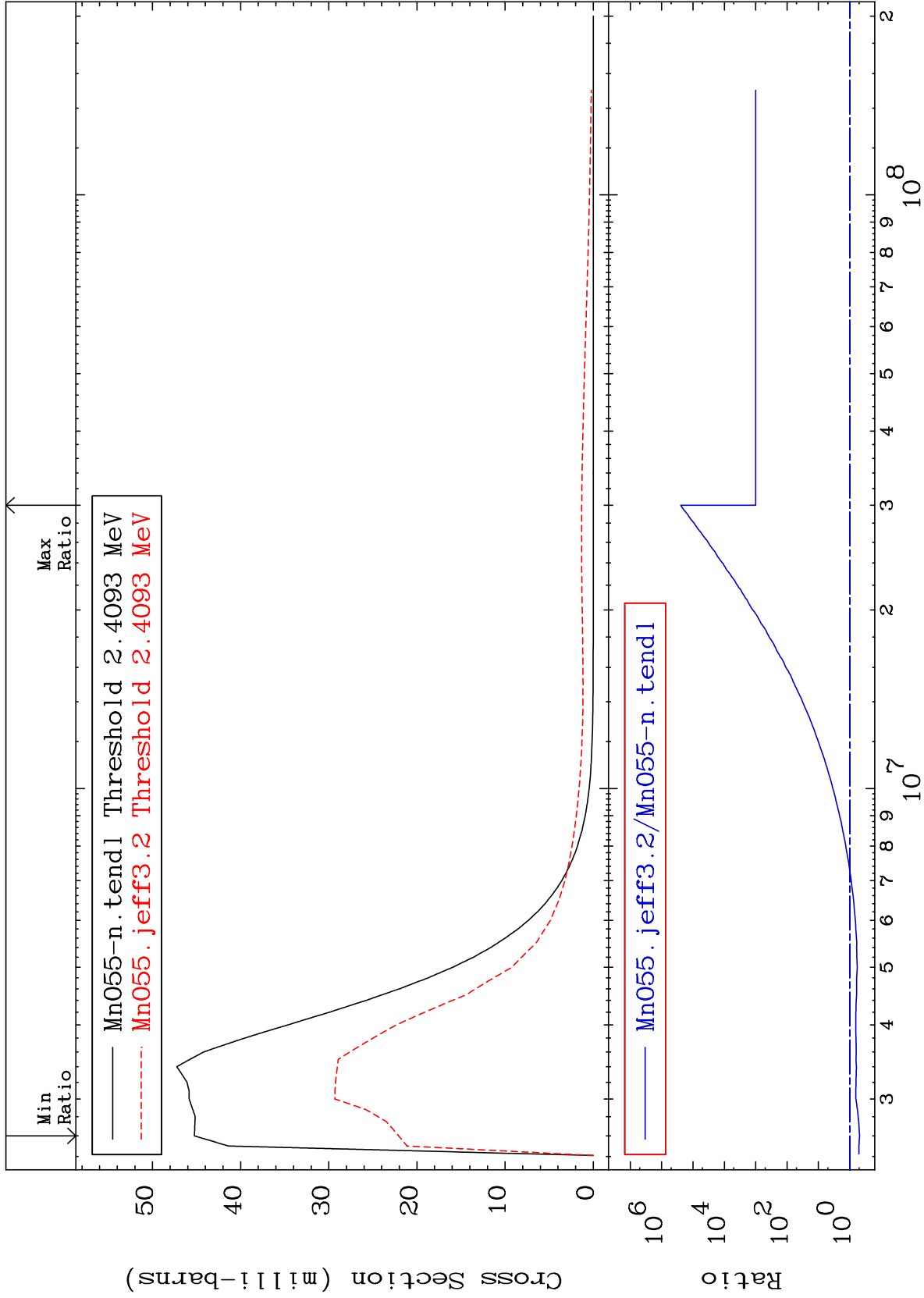
MAT 2525

2.366 MeV (n,n') Level

25-Mn-55

-51.21 To 9999. %

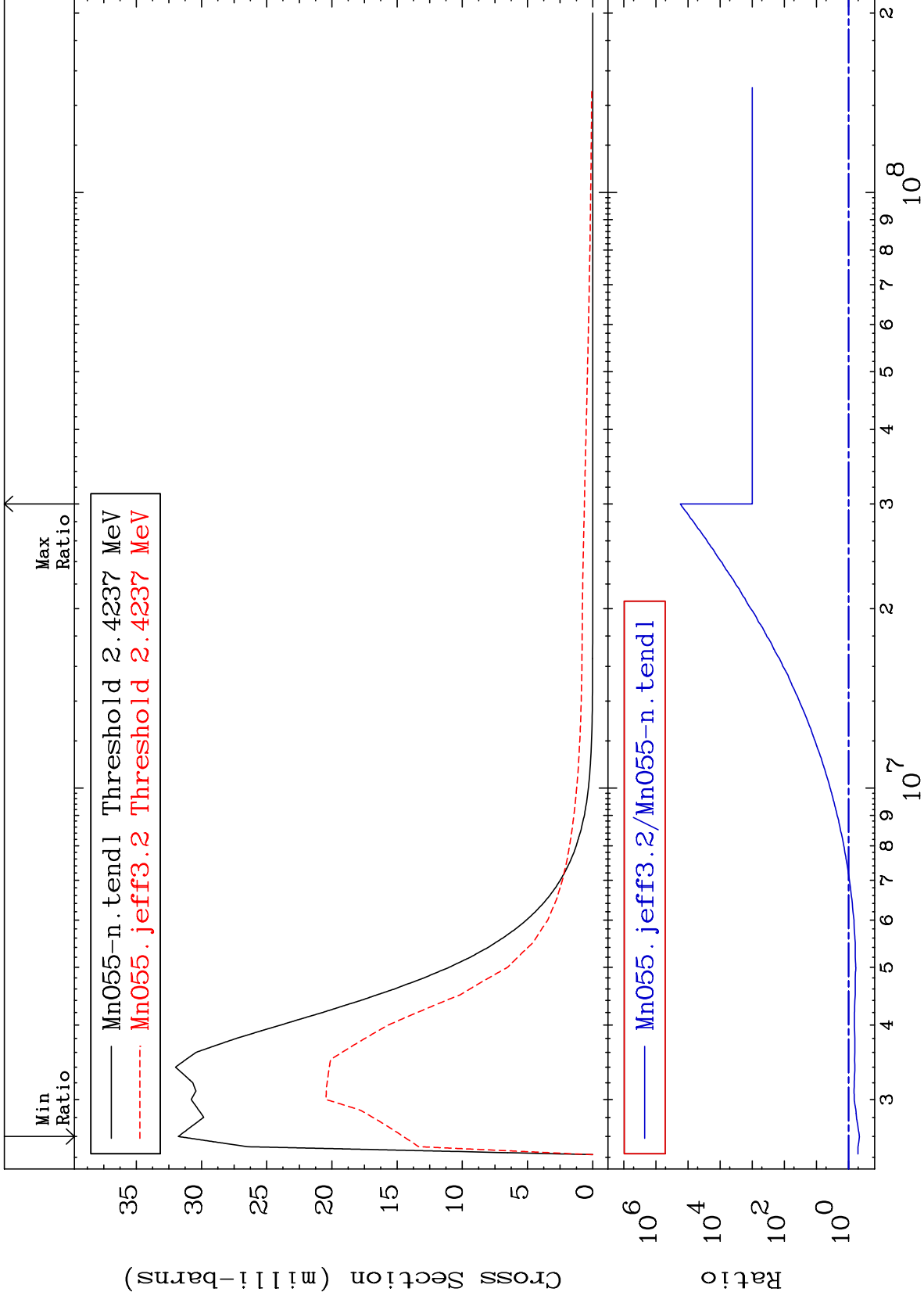
Cross Section



MAT 2525

2.380 MeV (n,n') Level  
Cross Section

25-Mn-55  
-54.32 To 9999. %

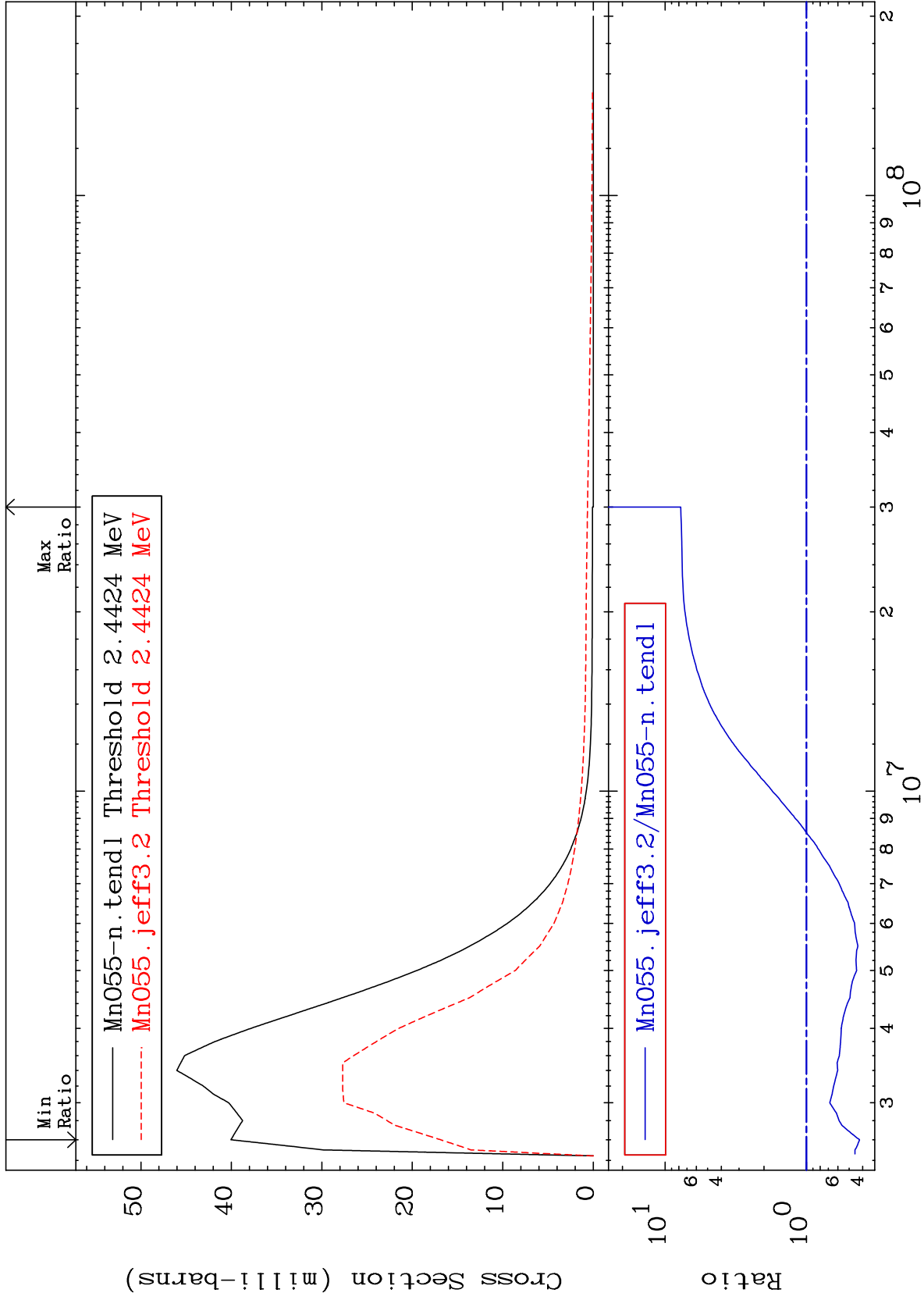


MAT 2525

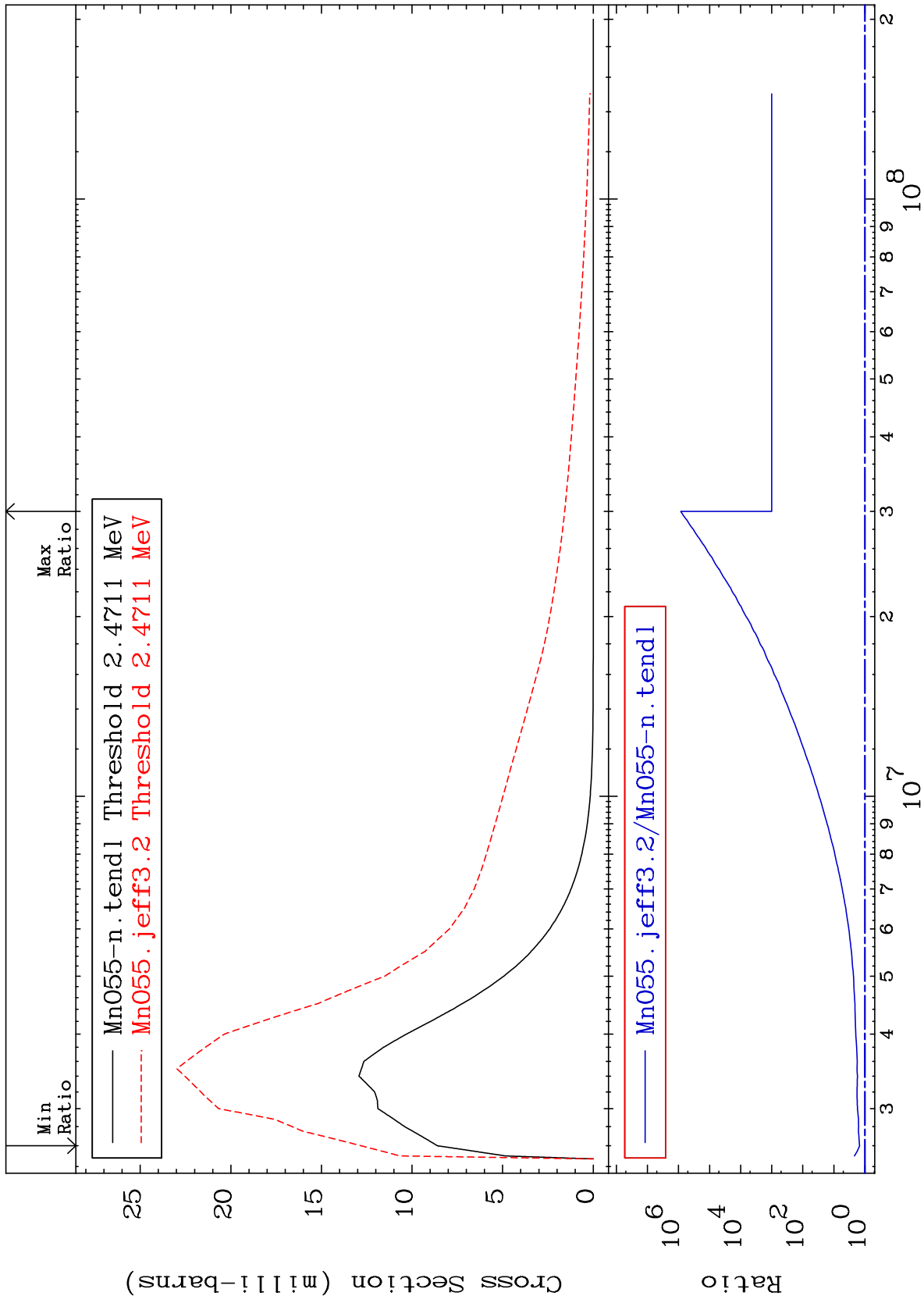
2.398 MeV (n,n') Level

<sup>25</sup>Mn-55

-57.85 To 674.2 %



MAT 2525      2.427 MeV (n,n') Level Cross Section      48.97 To 9999. %      <sup>25</sup>Mn-55

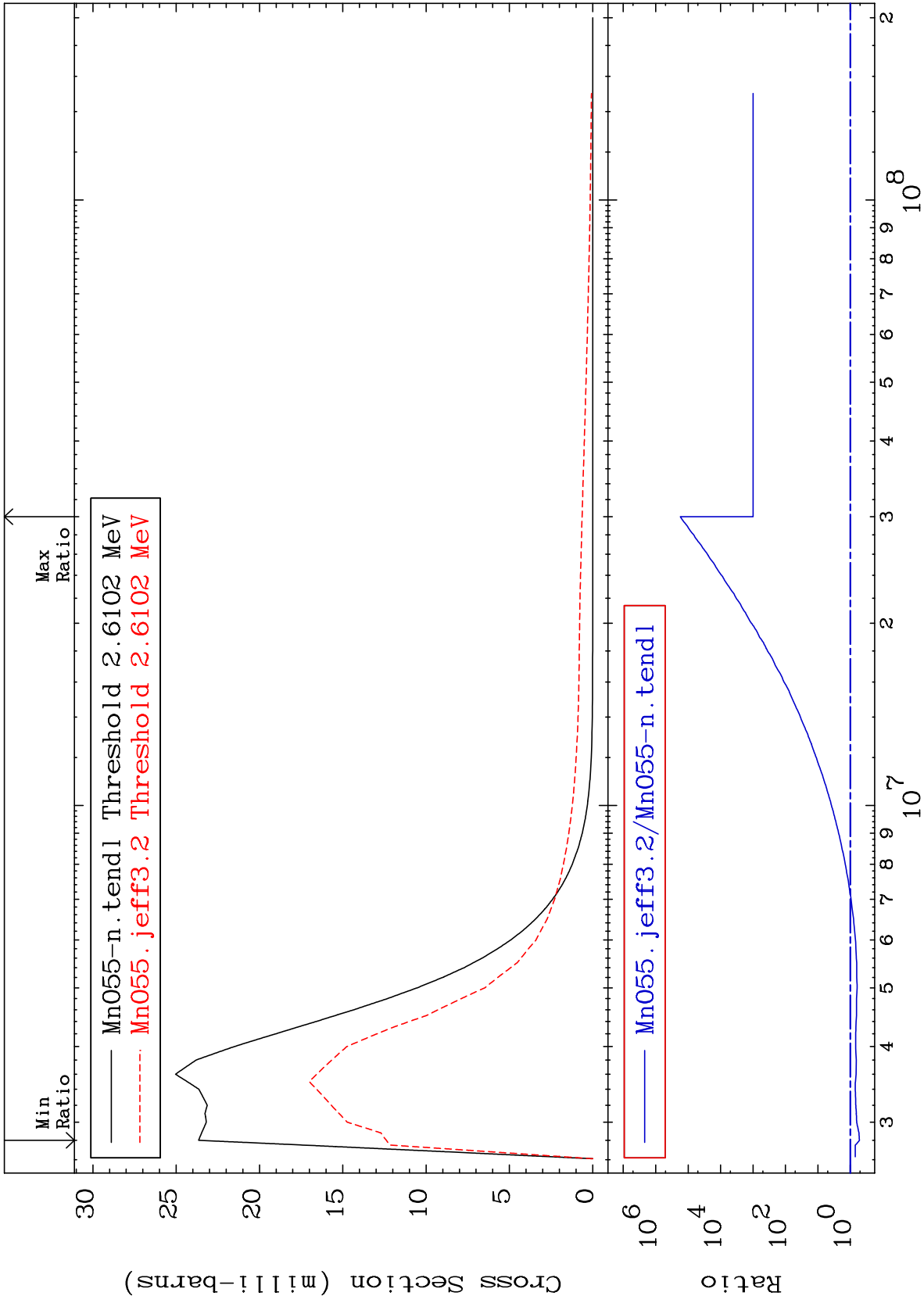




MAT 2525

2.563 MeV (n,n') Level  
Cross Section

25-Mn-55  
-47.63 To 9999. %

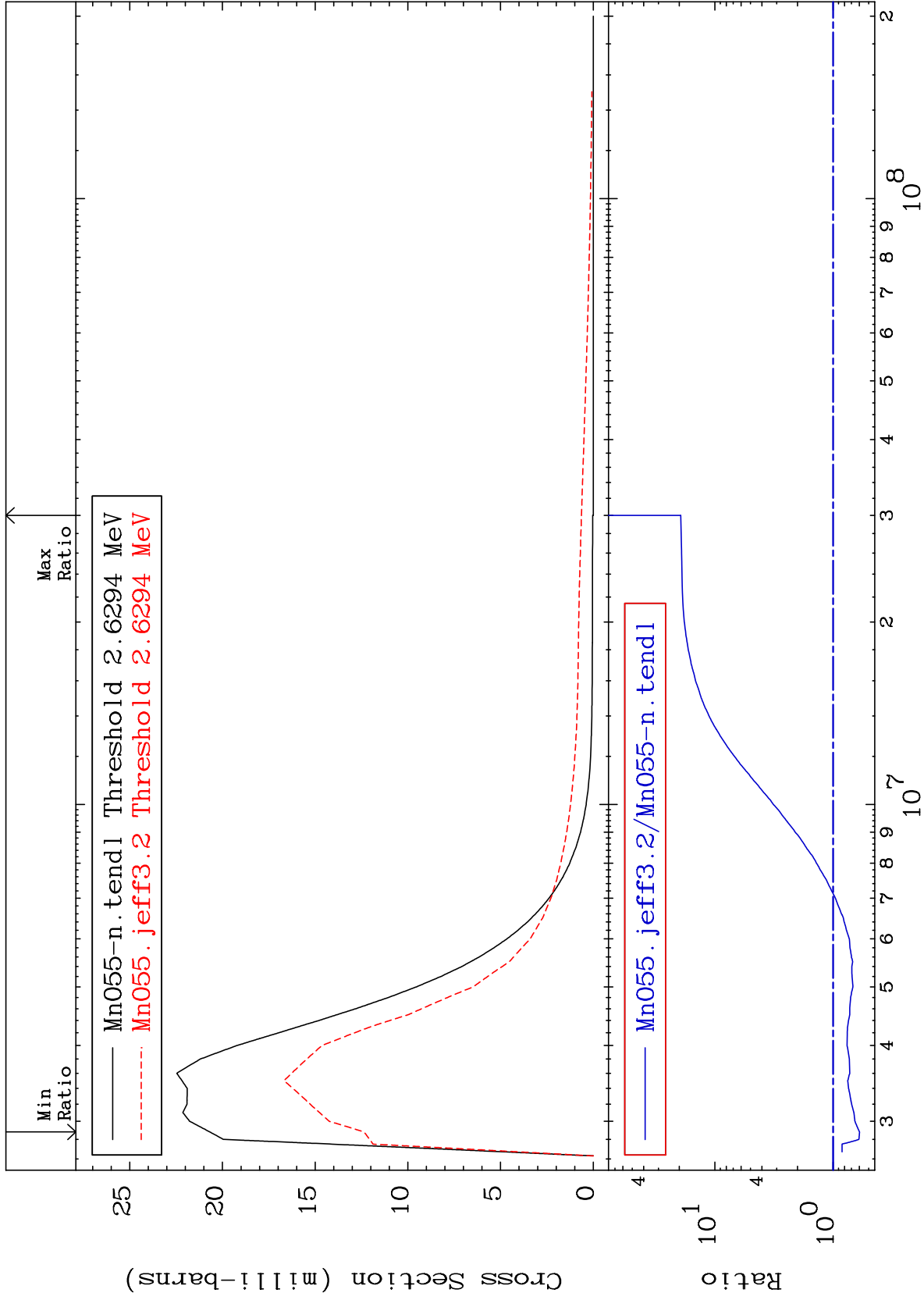


25

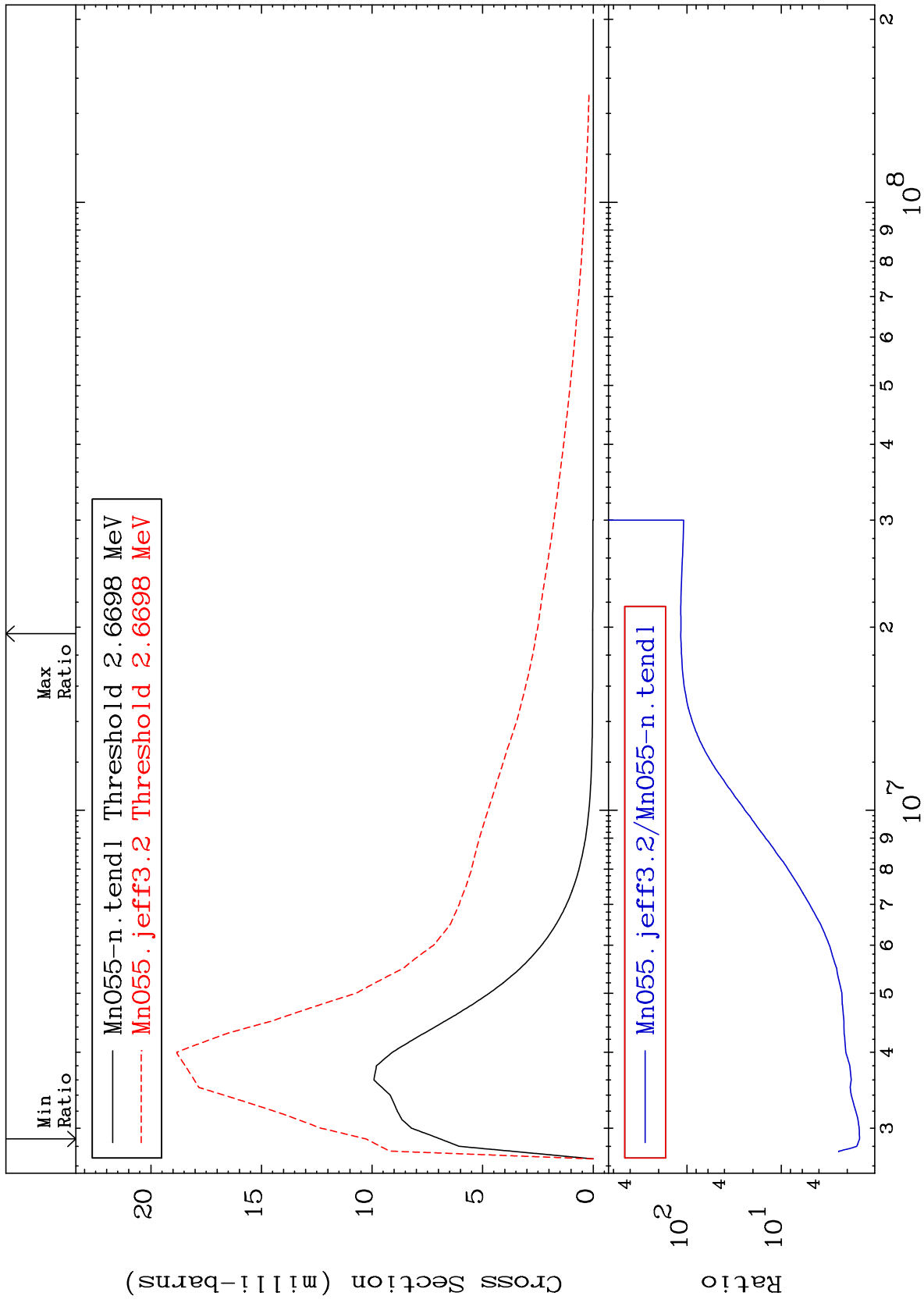
Incident Energy (eV)

25-Mn-55

MAT 2525      2.582 MeV (n,n') Level      25-Mn-55  
 Cross Section      -40.23 To 1843. %



MAT 2525      2.622 MeV (n,n') Level      25-Mn-55  
 Cross Section      48.49 To 9999. %



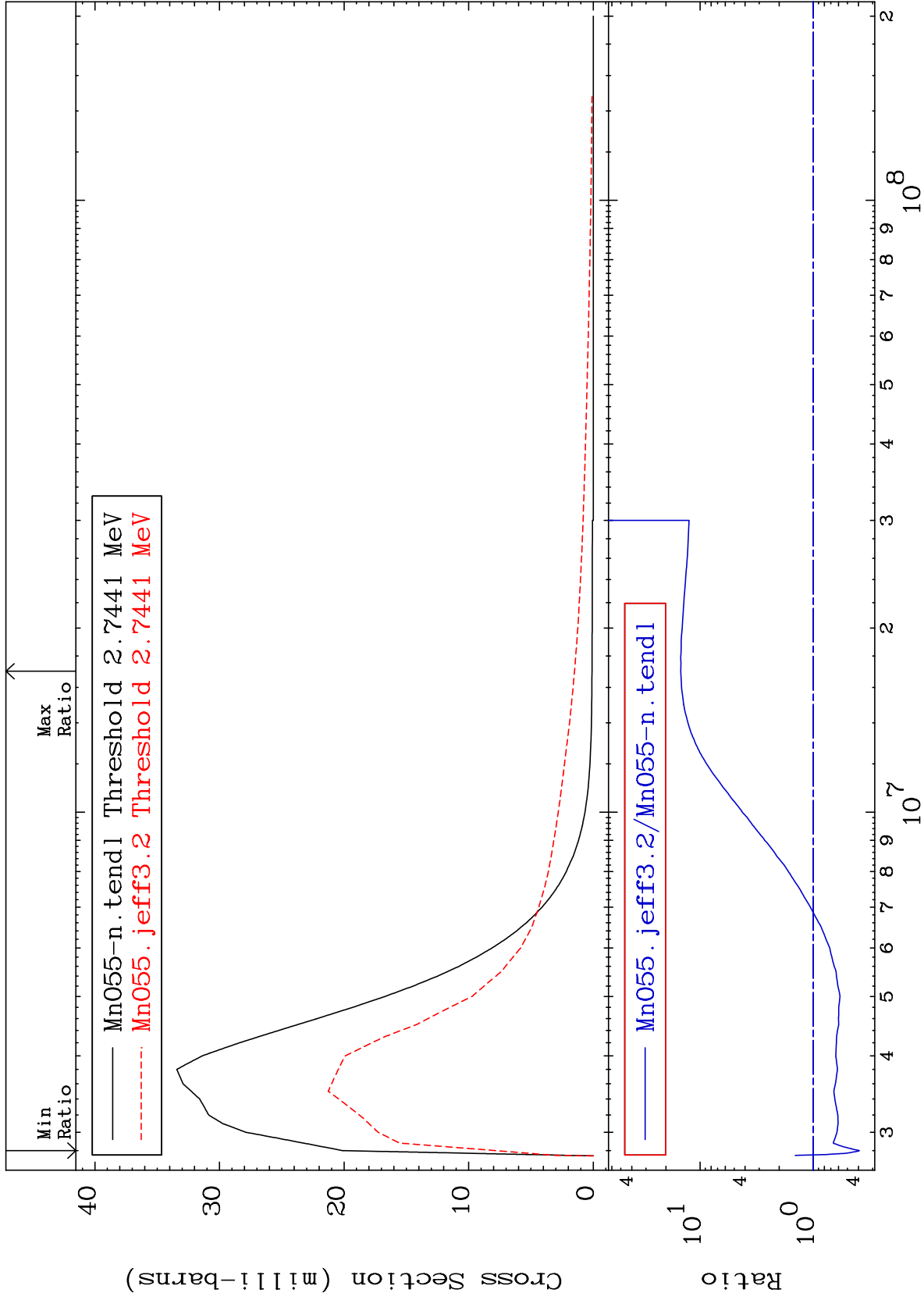
MAT 2525

2.695 MeV (n,n') Level

<sup>25</sup>Mn-55

-60.89 To 1379. %

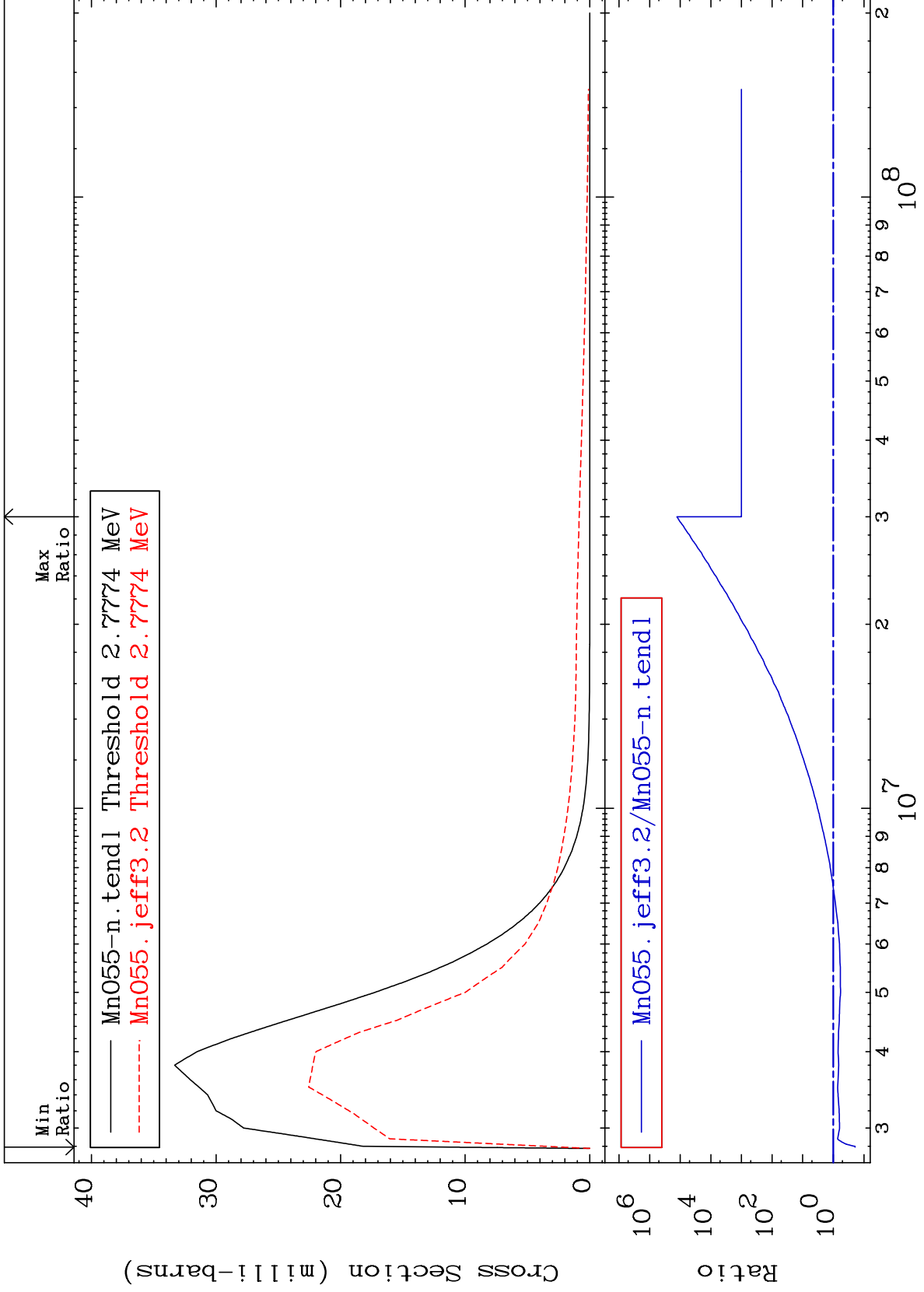
Cross Section



MAT 2525

2.727 MeV (n,n') Level  
Cross Section

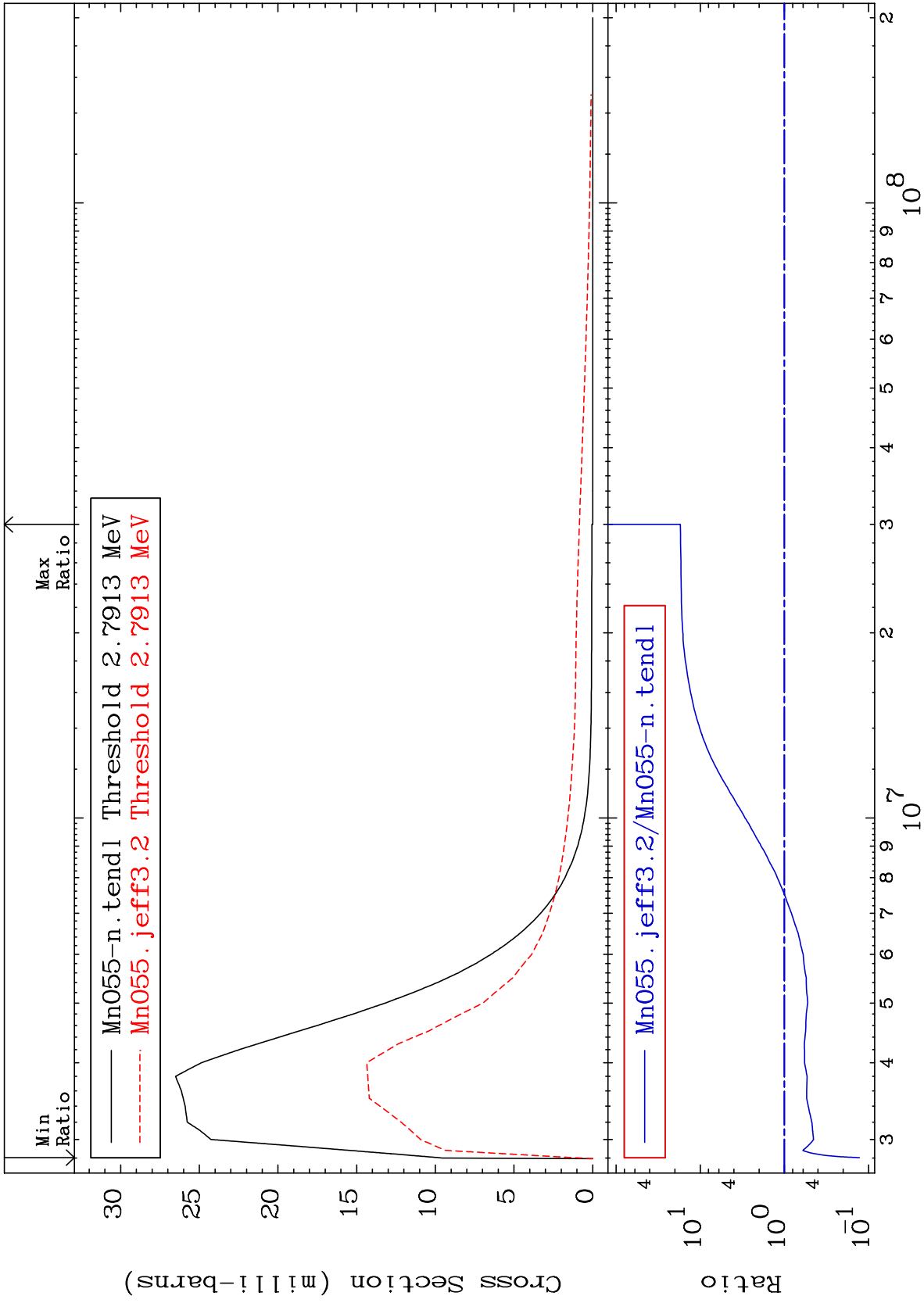
25-Mn-55  
-80.55 To 9999. %



MAT 2525

2.741 MeV (n,n') Level  
Cross Section

25-Mn-55  
-87.15 To 1627. %



30

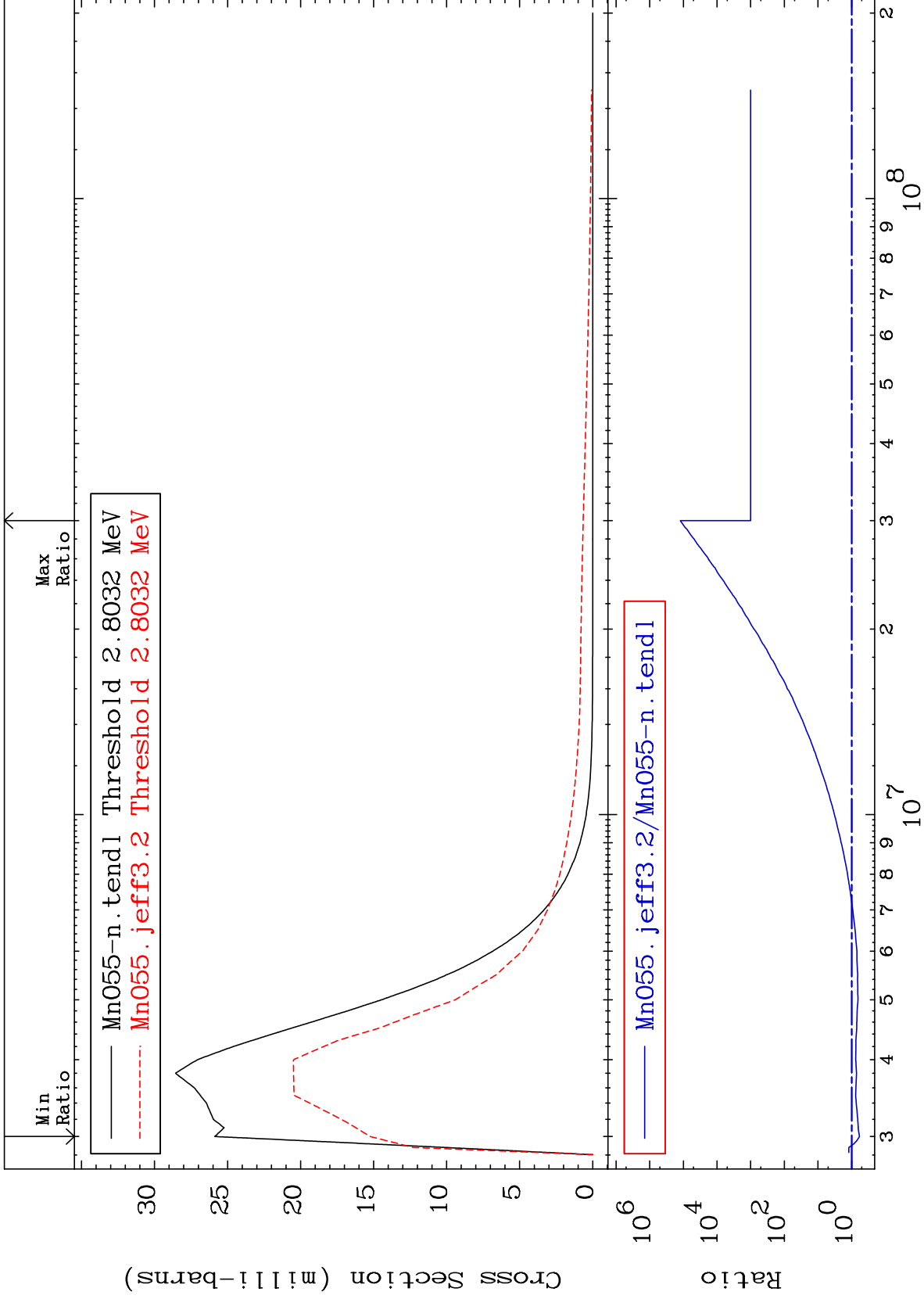
Incident Energy (eV)

25-Mn-55

MAT 2525

2.753 MeV (n,n') Level  
Cross Section

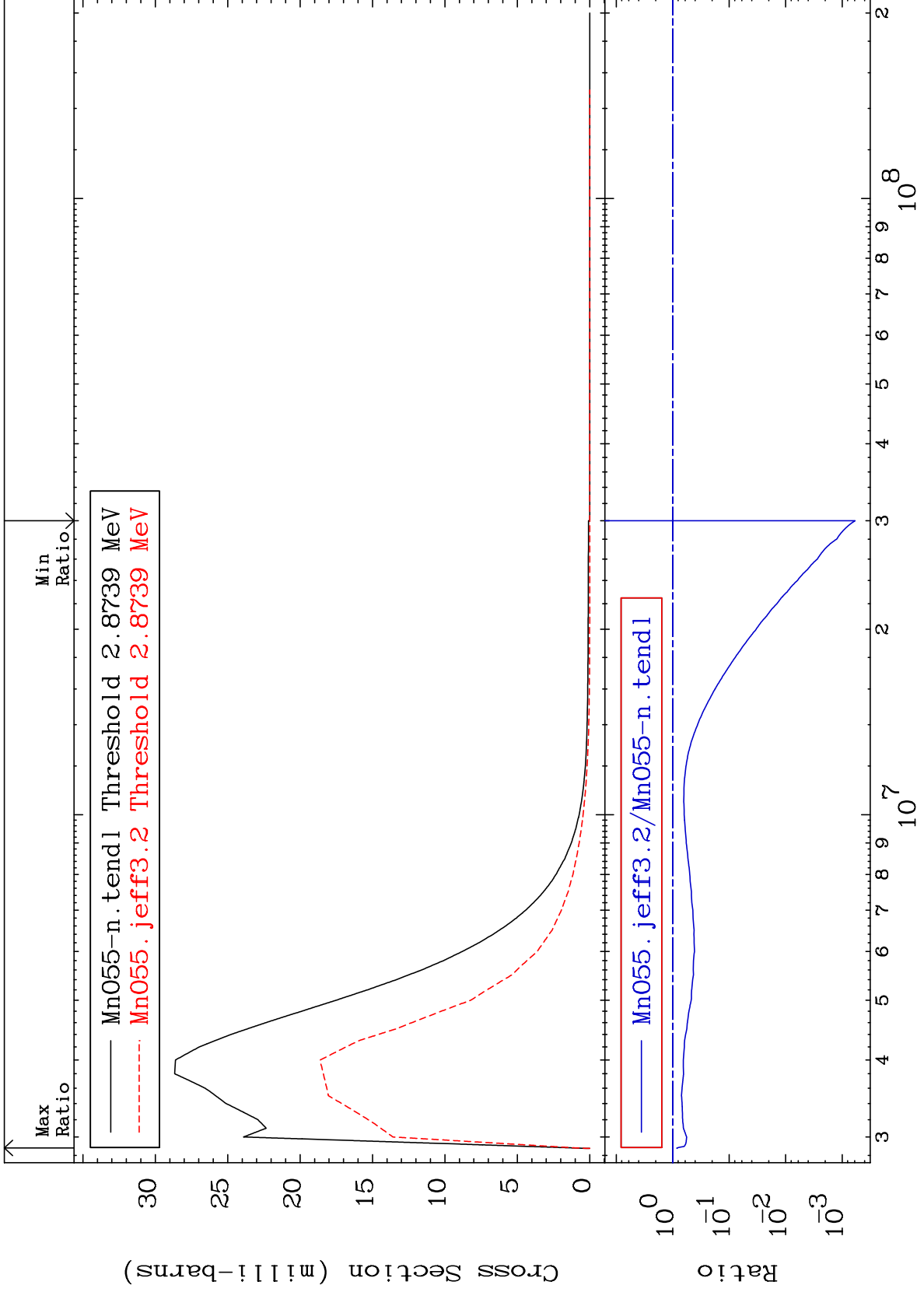
25-Mn-55  
-41.12 To 9999. %



MAT 2525

2.822 MeV (n,n') Level  
Cross Section

25-Mn-55  
-99.94 To -15.81%



32

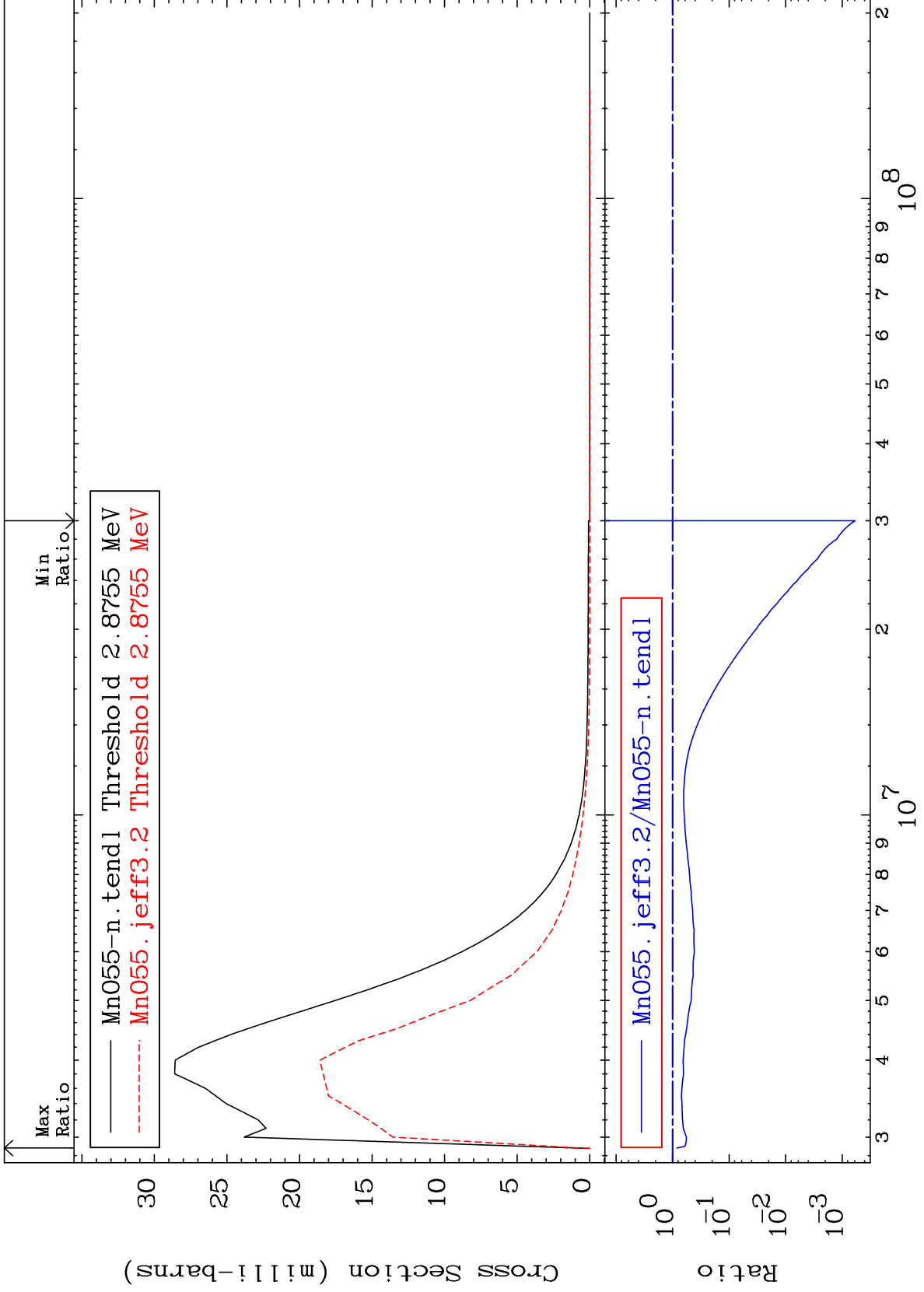
25-Mn-55



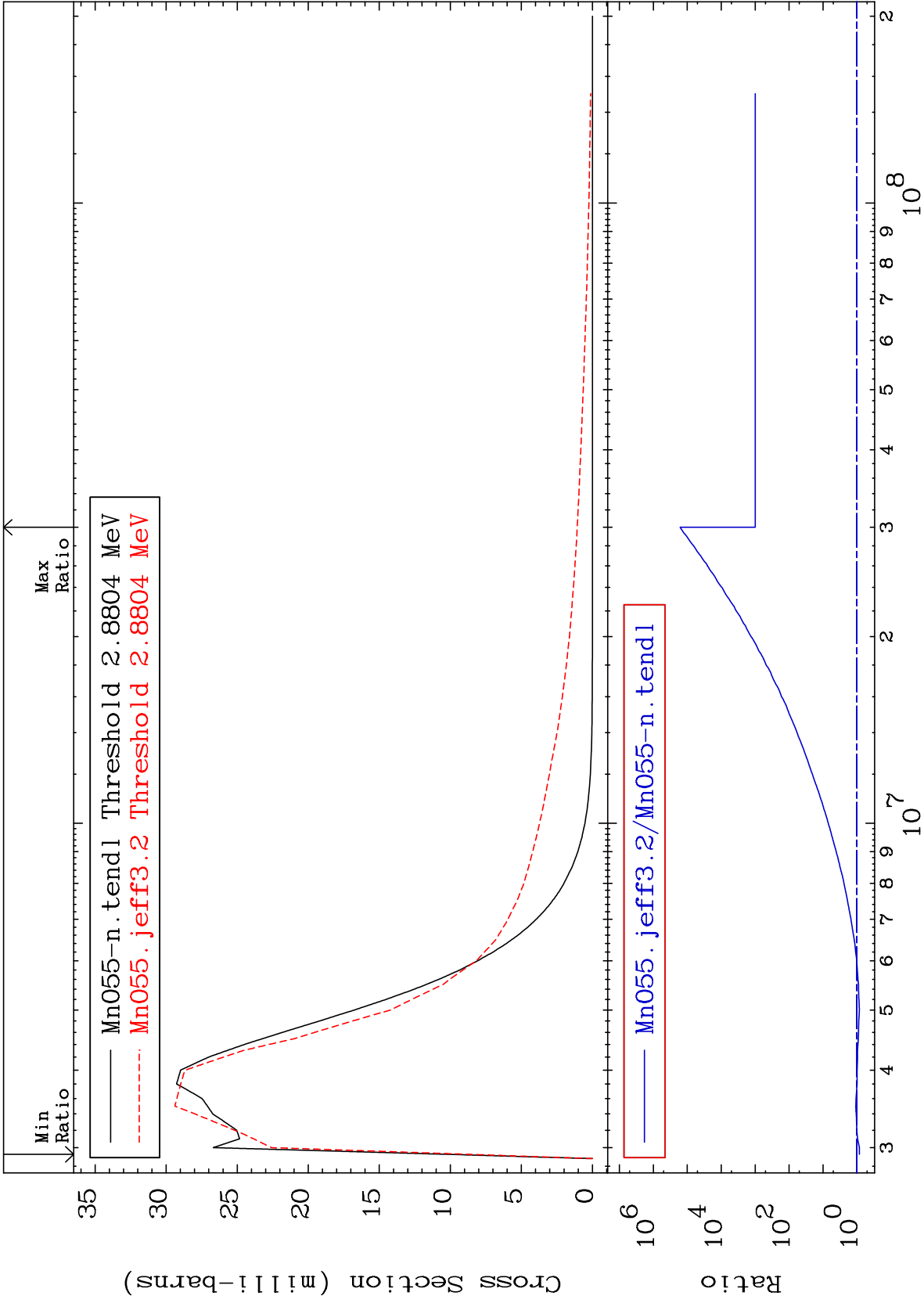
MAT 2525

2.824 MeV (n,n') Level  
Cross Section

25-Mn-55  
-99.94 To -16.31%



MAT 2525      2.828 MeV (n,n') Level      25-Mn-55  
 Cross Section      -15.34 To 9999. %



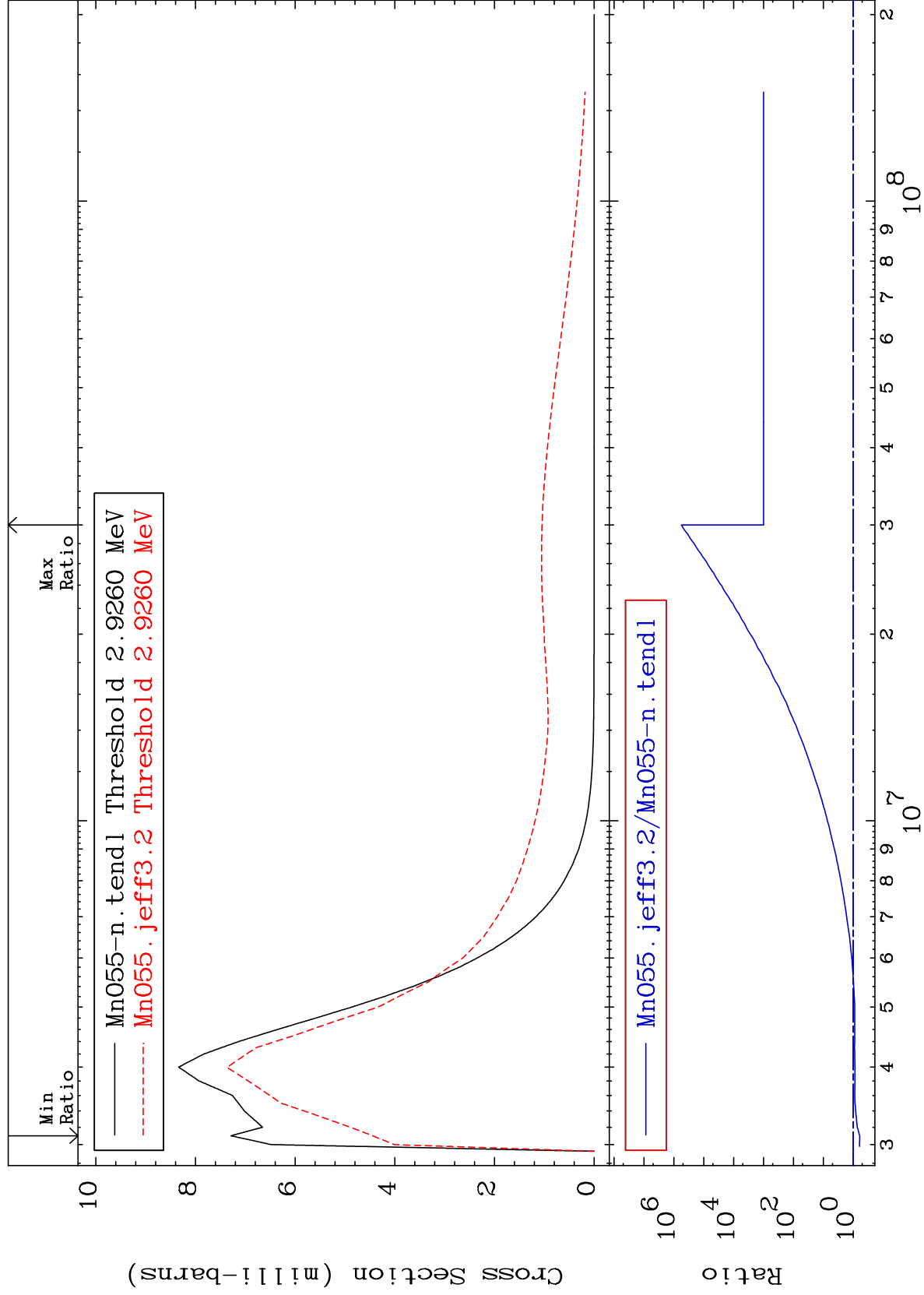
MAT 2525

2.873 MeV (n,n') Level

<sup>25</sup>Mn-55

-38.98 To 9999. %

Cross Section



35

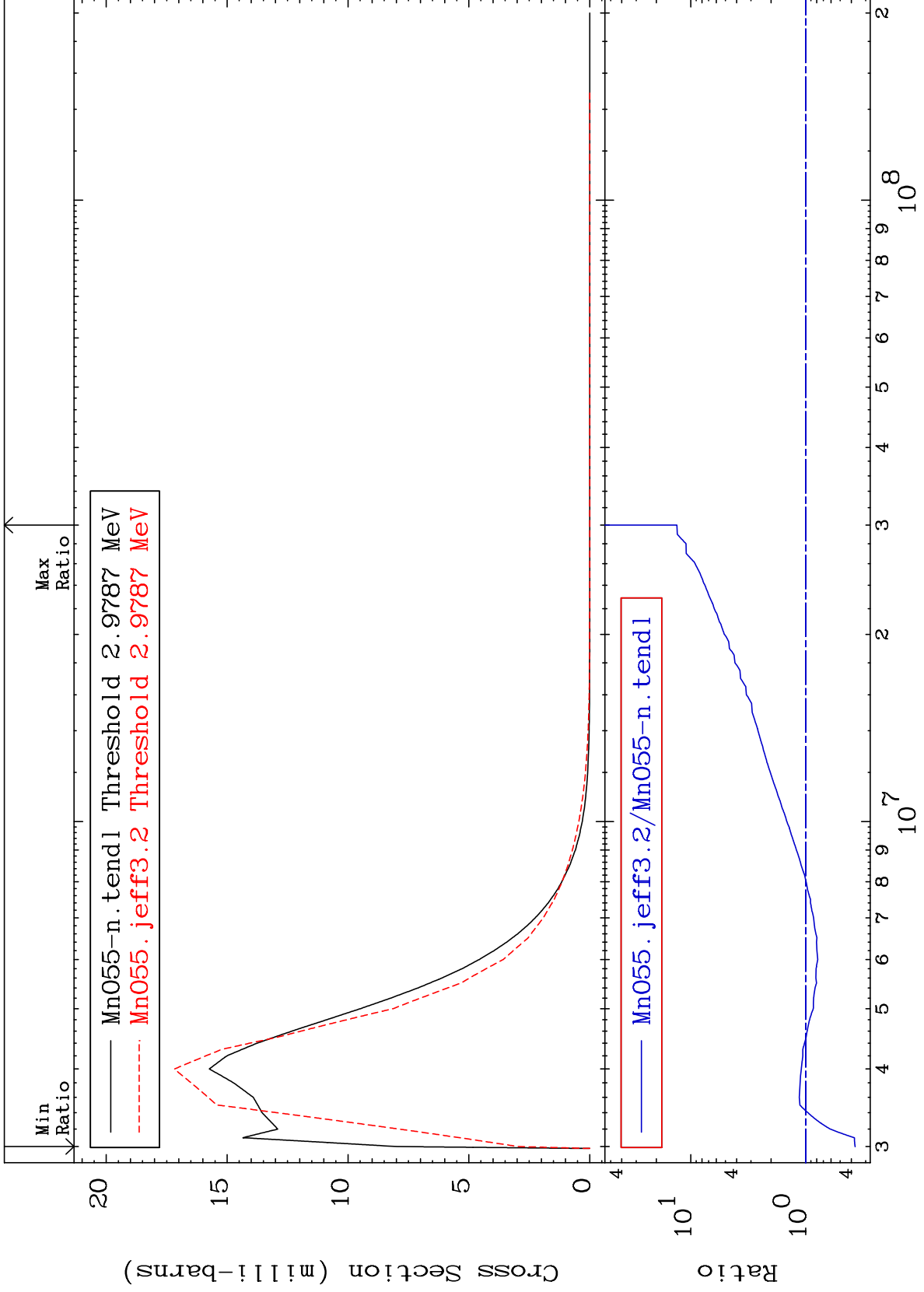
Incident Energy (eV)

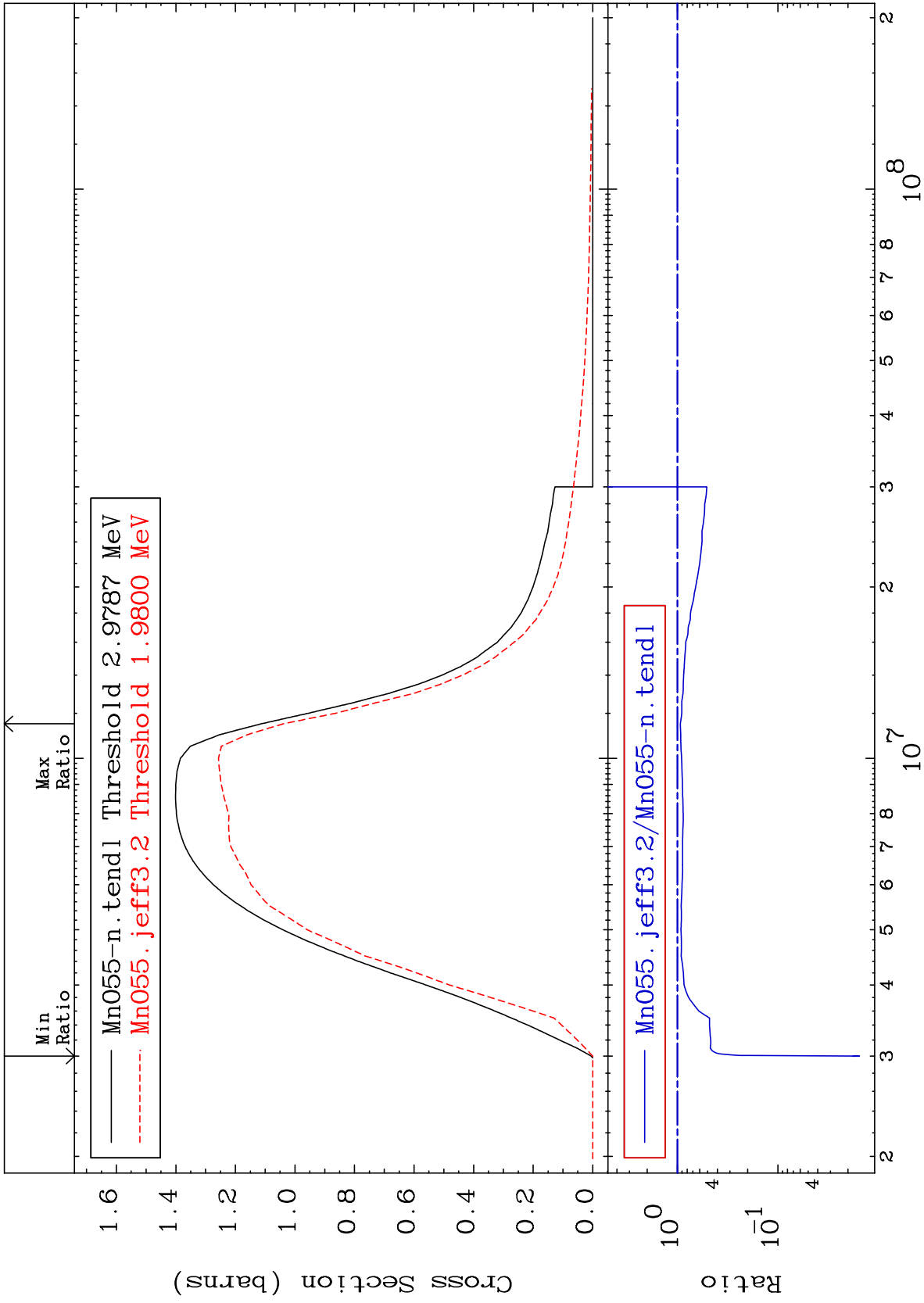
<sup>25</sup>Mn-55

MAT 2525

2.925 MeV (n,n') Level  
Cross Section

25-Mn-55  
-62.94 To 1223. %





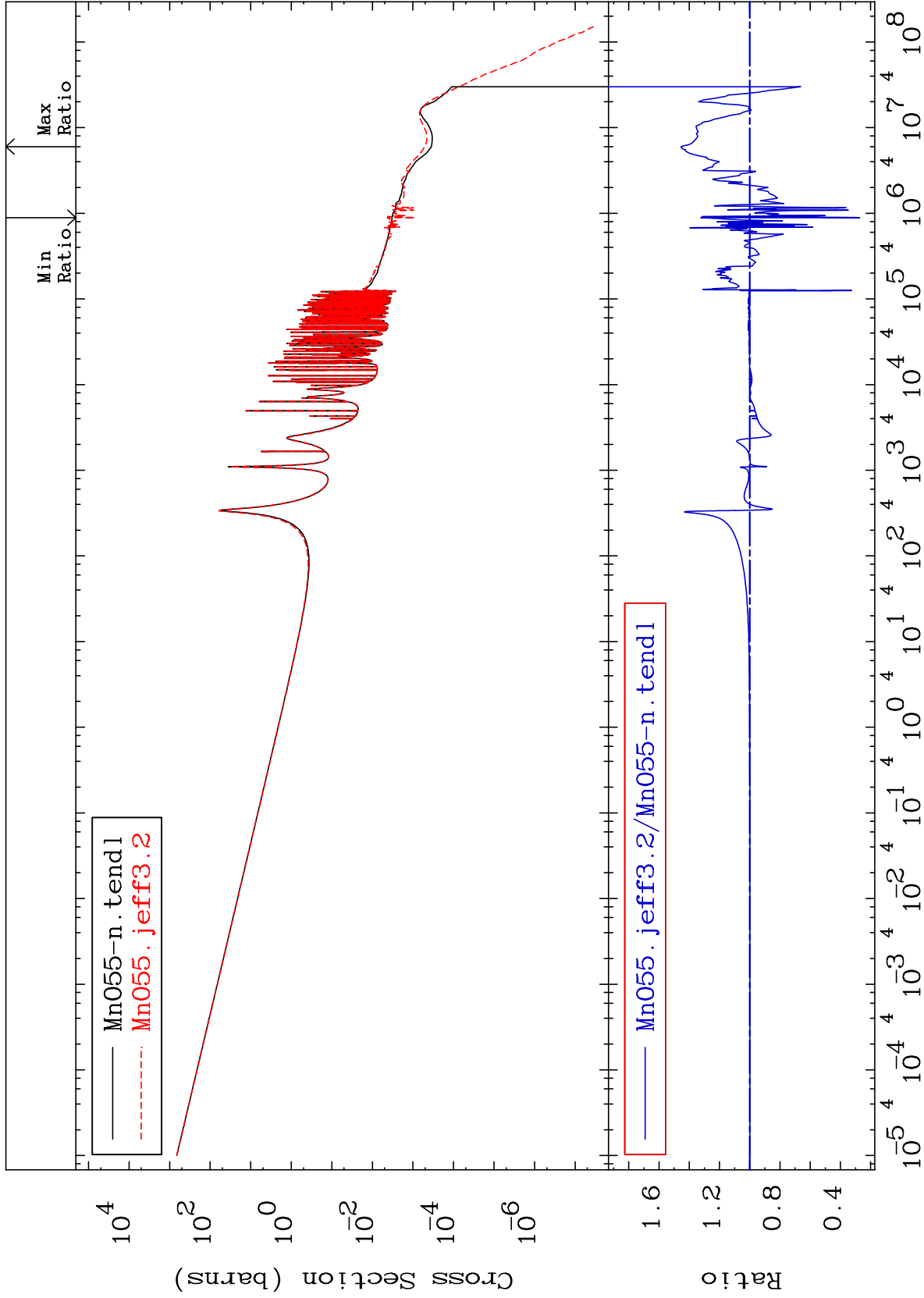
MAT 2525

(n,  $\gamma$ )

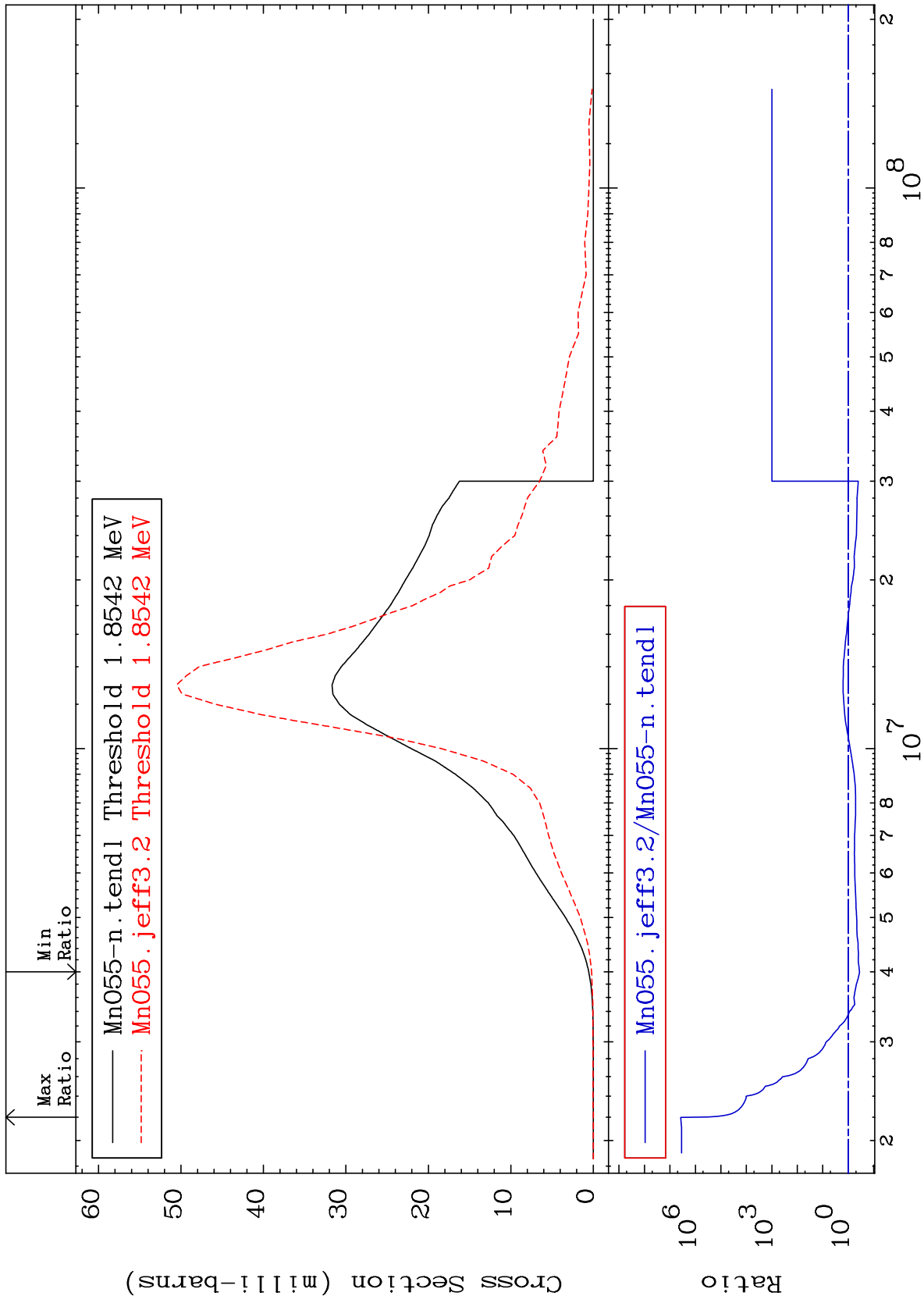
25-Mn-55

Cross Section

-72.64 To 45.61 %



MAT 2525 (n,p) Cross Section 25-Mn-55 -63.98 To 9999. %



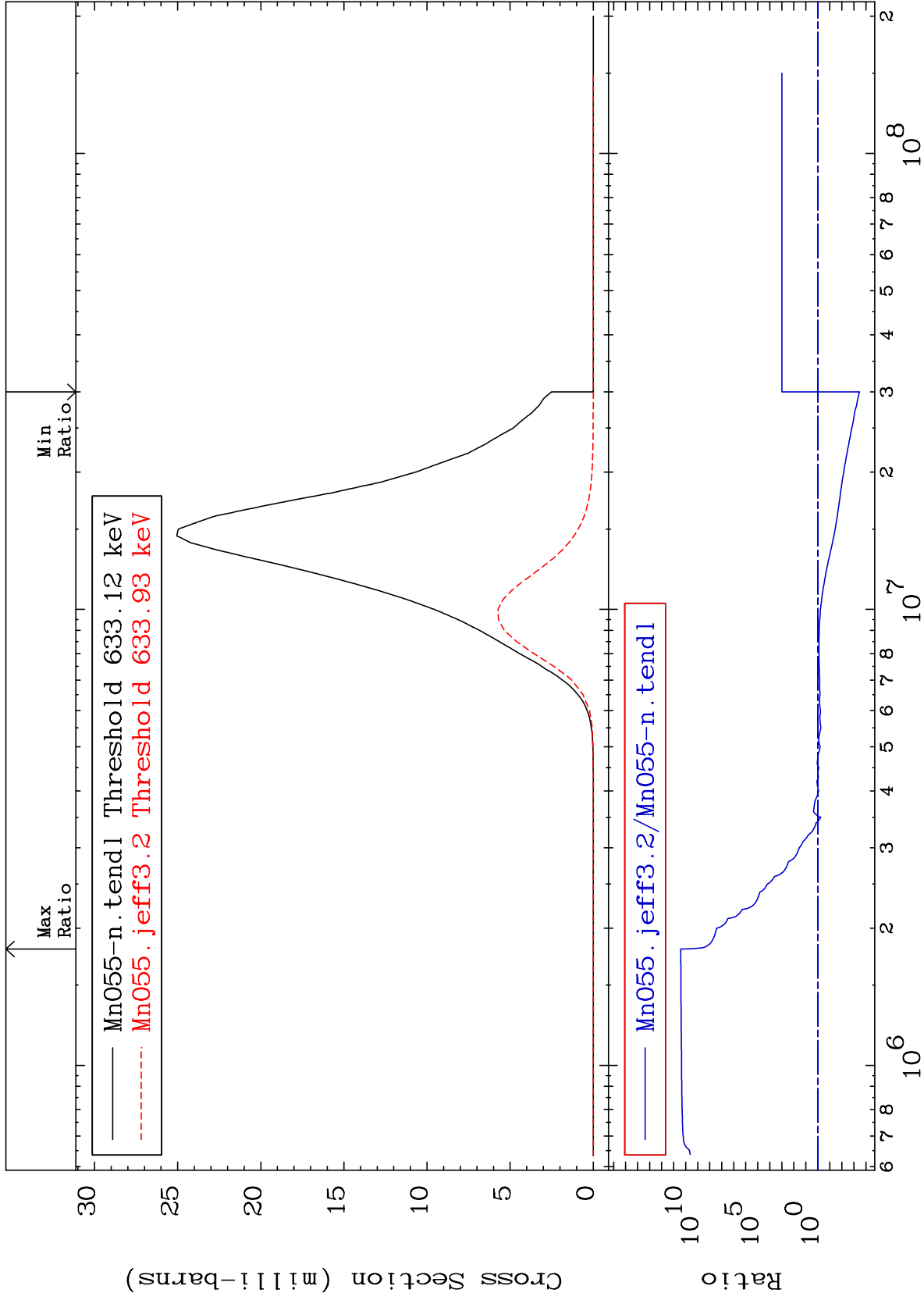
MAT 2525

(n,  $\alpha$ )

<sup>25</sup>Mn-55

Cross Section

-99.97 To 9999. %



40

Incident Energy (eV)

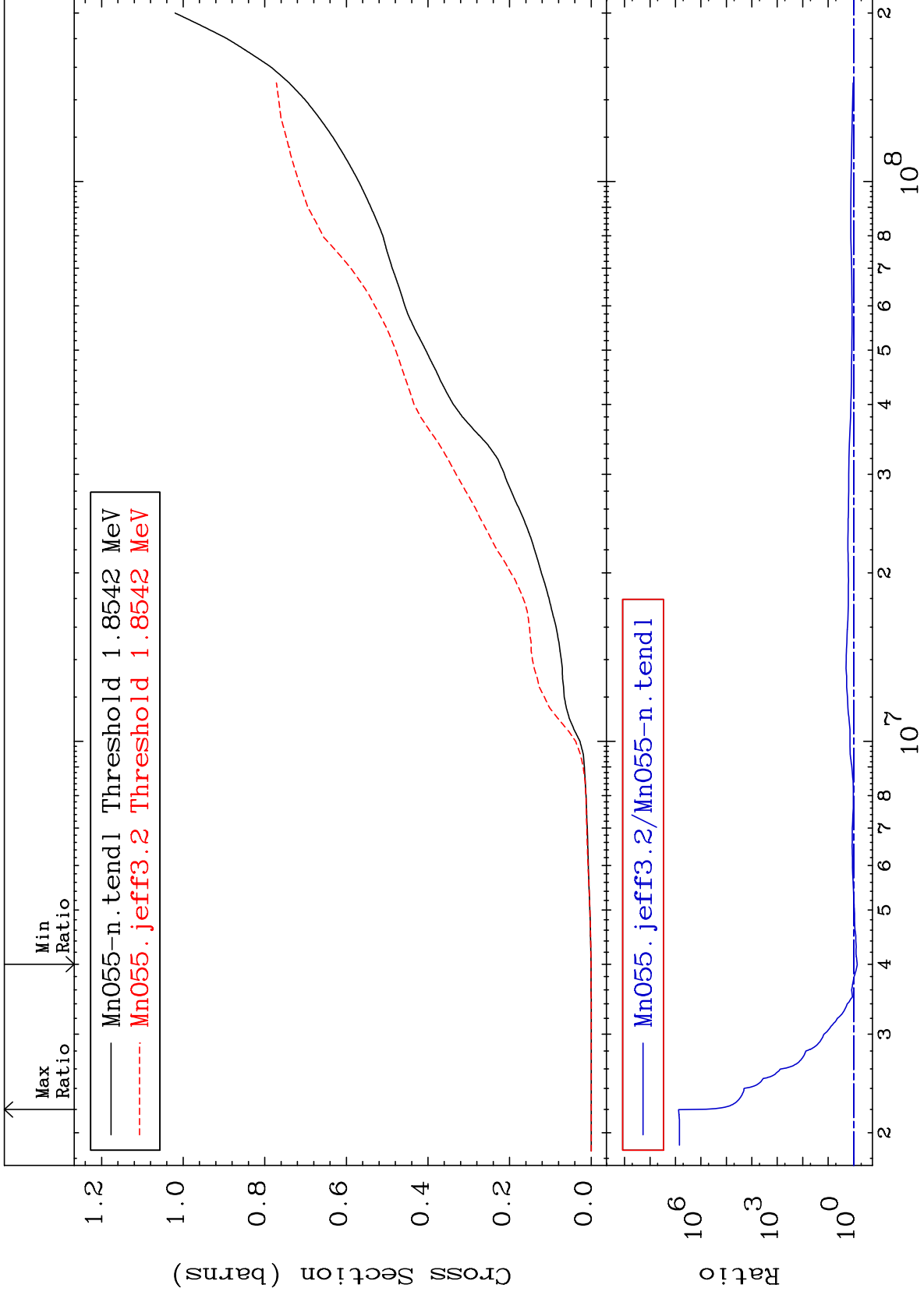
<sup>25</sup>Mn-55



MAT 2525

Hydrogen Production  
Cross Section

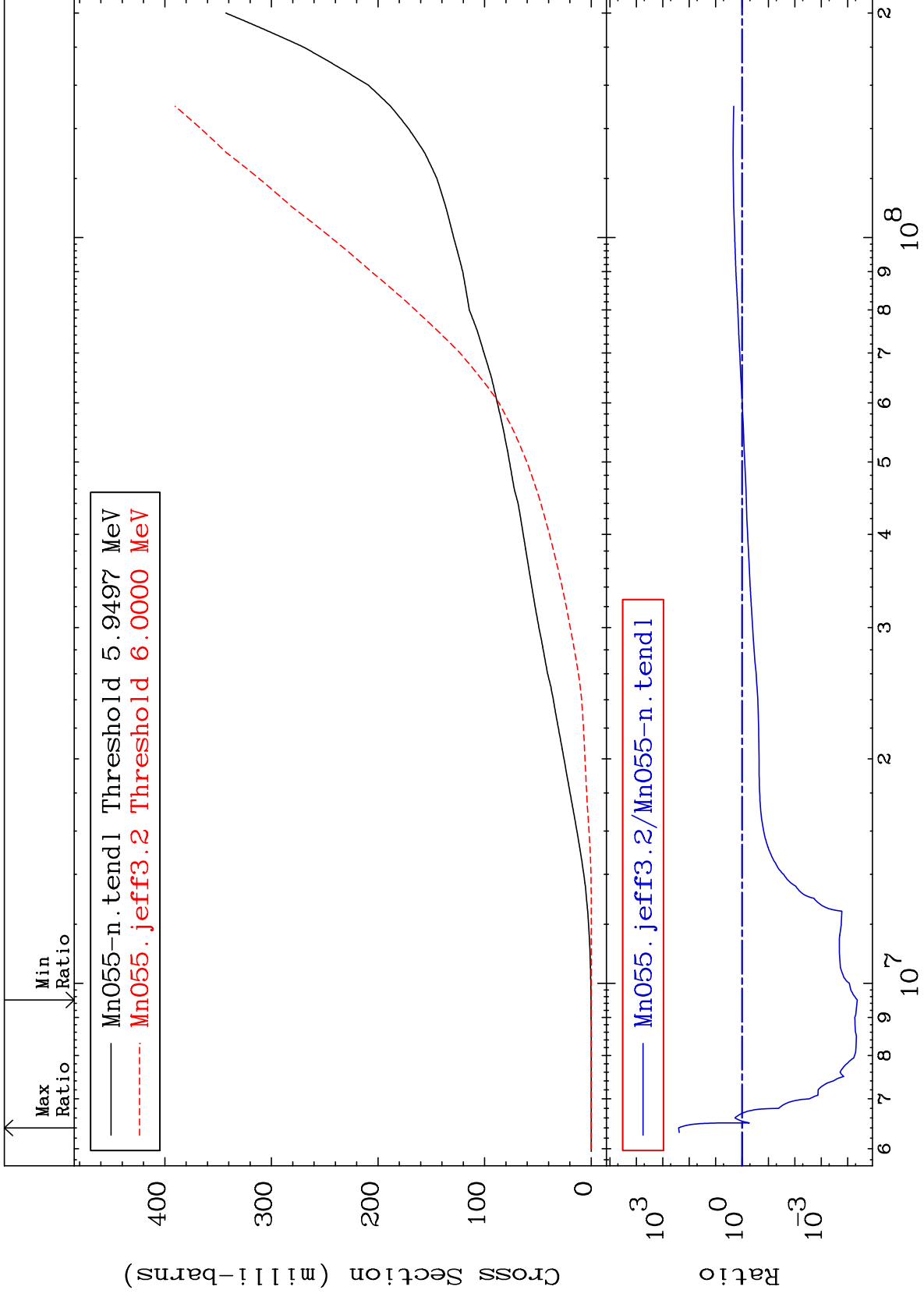
<sup>25</sup>Mn-55  
-27.95 To 9999. %

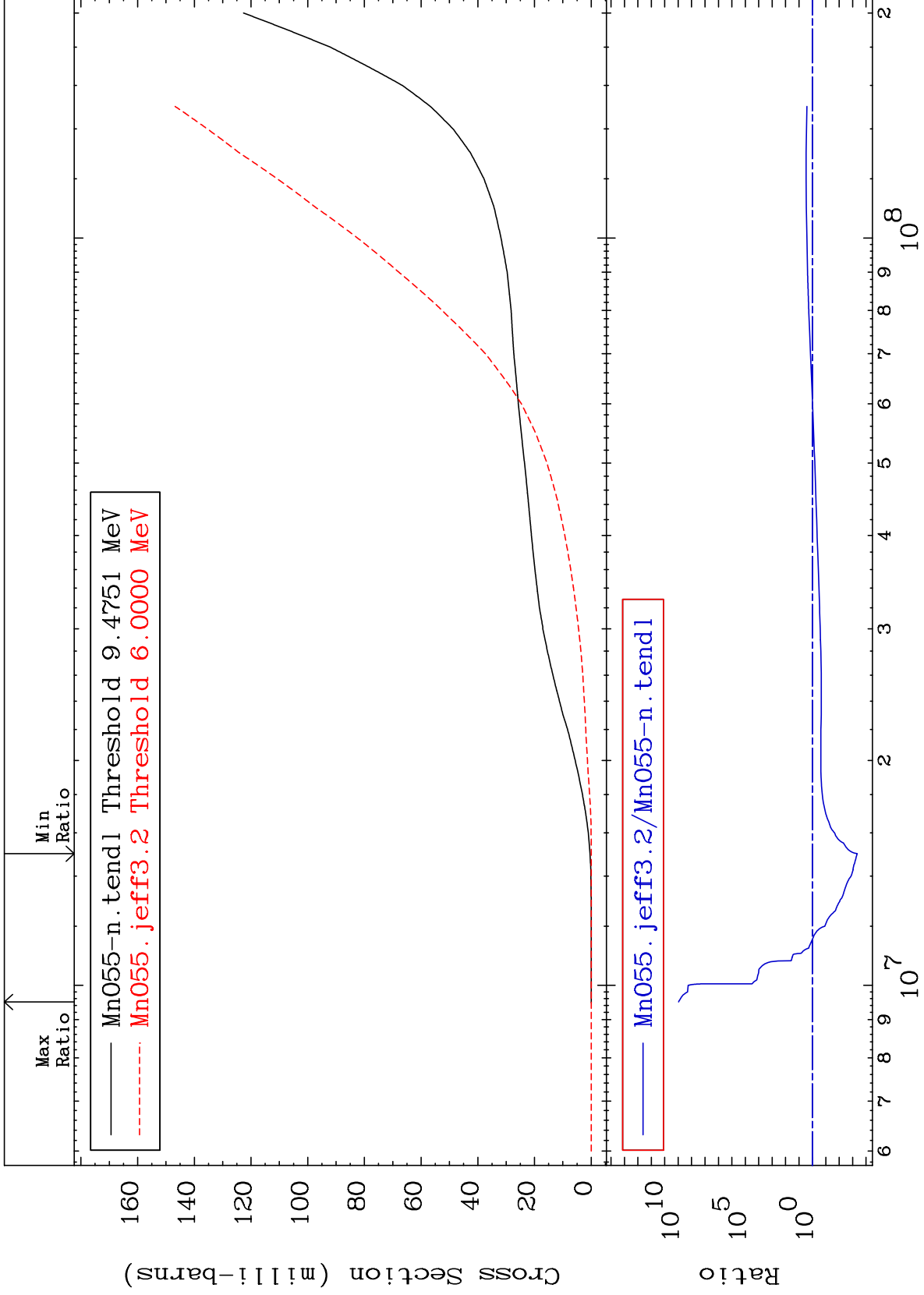


MAT 2525

Deuterium Production  
Cross Section

<sup>25</sup>Mn-55  
-100.0 To 9999. %

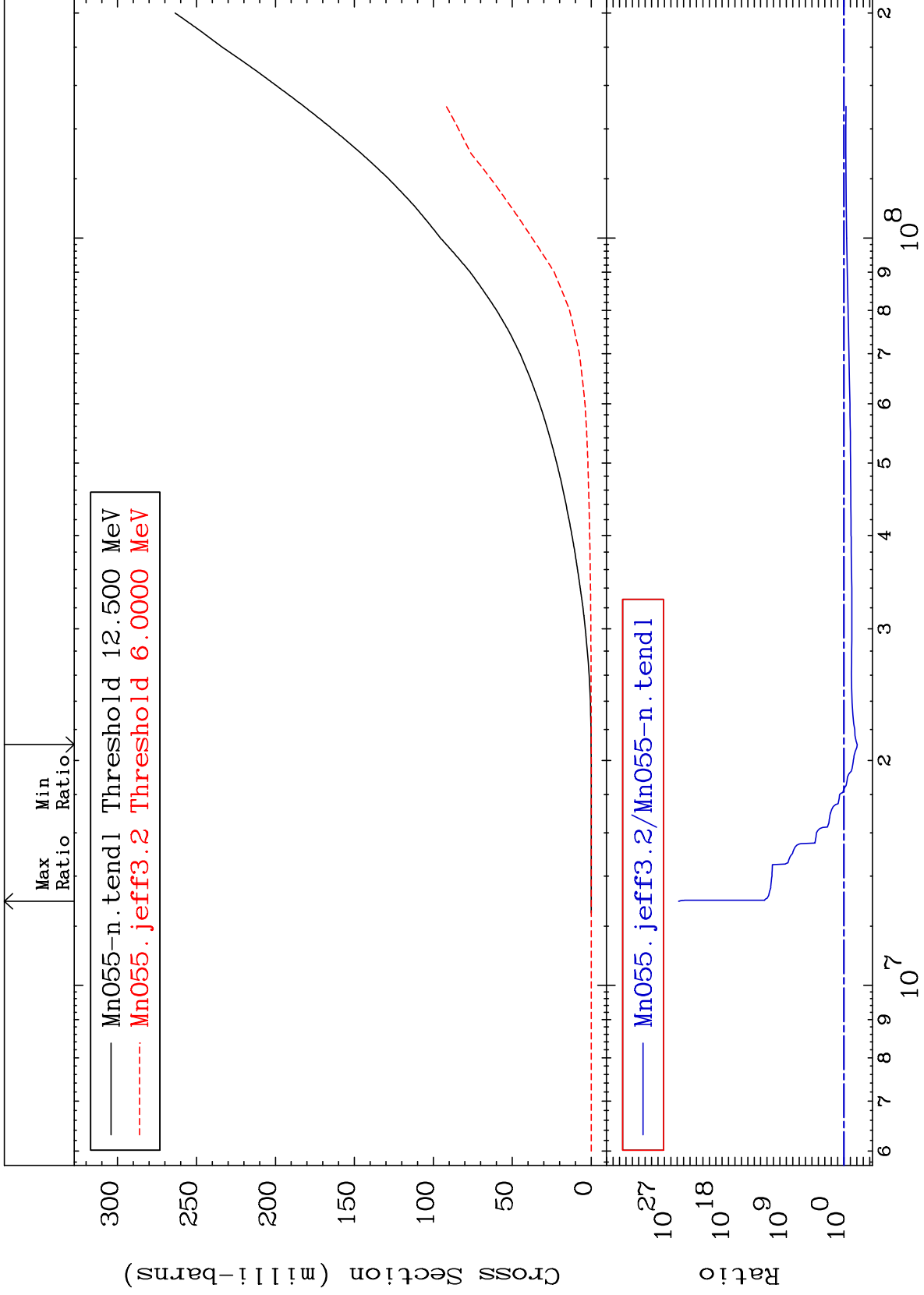




MAT 2525

He-3 Production  
Cross Section

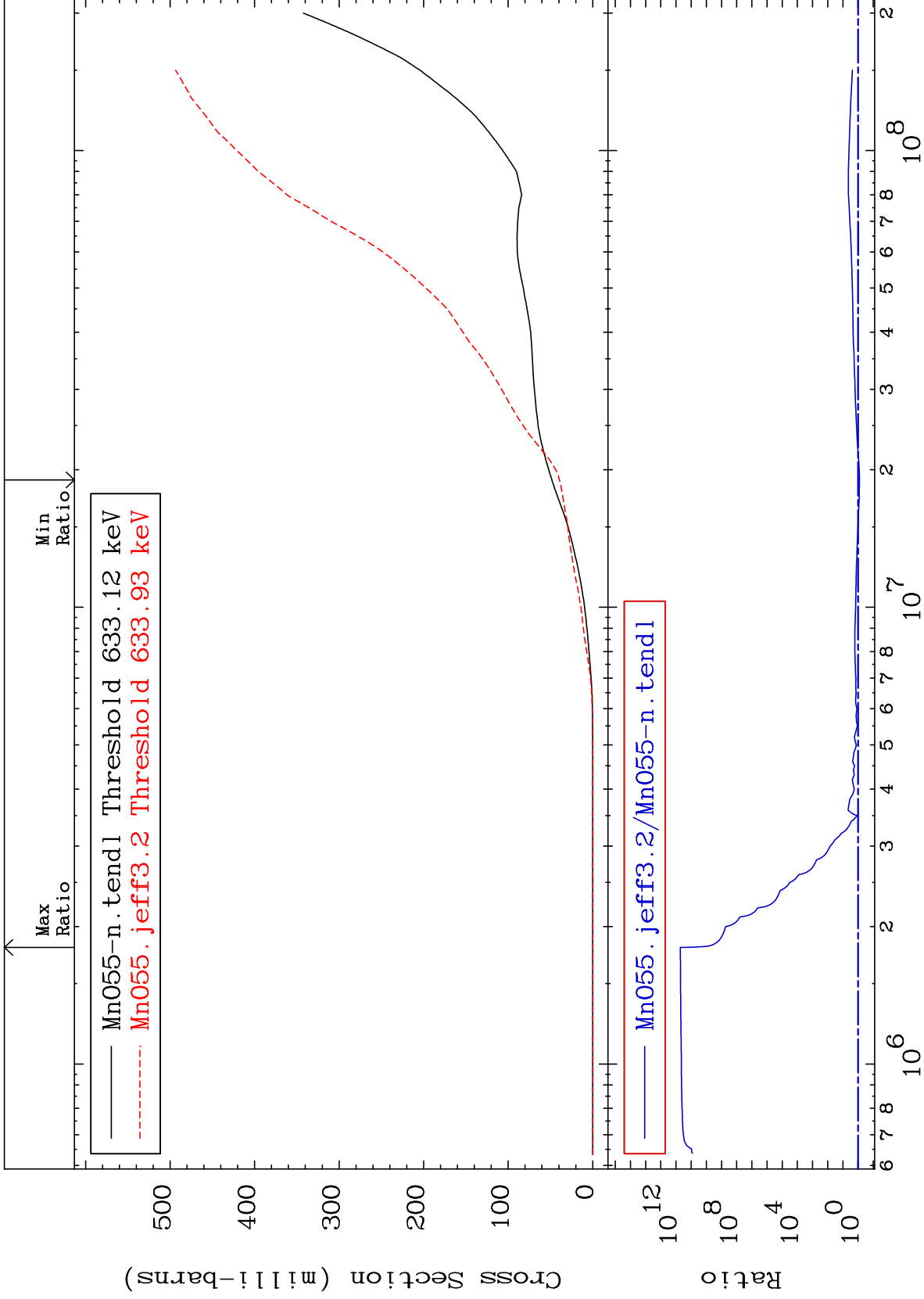
<sup>25</sup>Mn-55  
-99.13 To 9999. %



MAT 2525

He-4 Production  
Cross Section

<sup>25</sup>Mn-55  
-18.64 To 9999. %



45

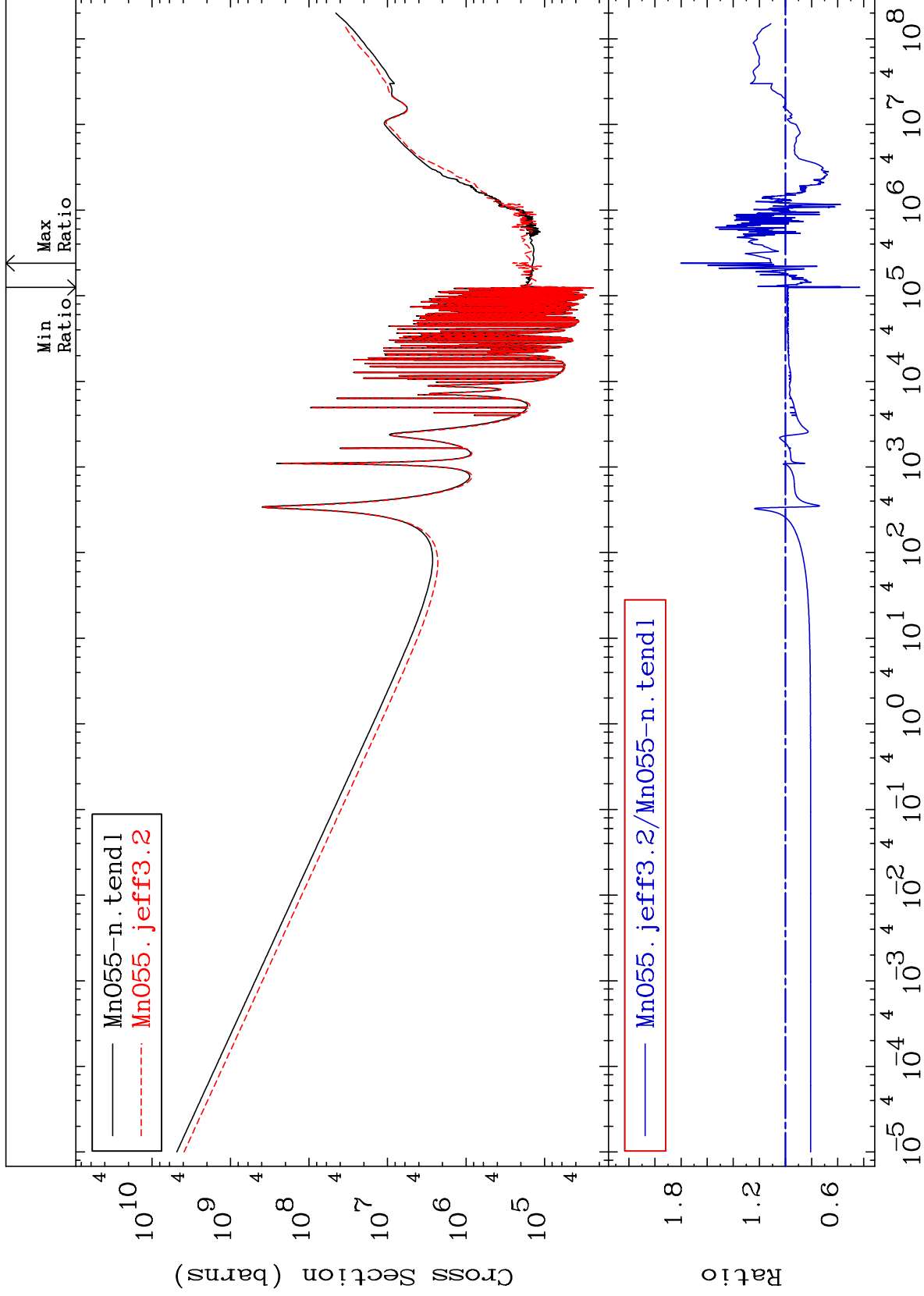
Incident Energy (eV)

<sup>25</sup>Mn-55

MAT 2525

Kerma total (eV-barns)  
Cross Section

25-Mn-55  
-56.76 To 80.23 %



46

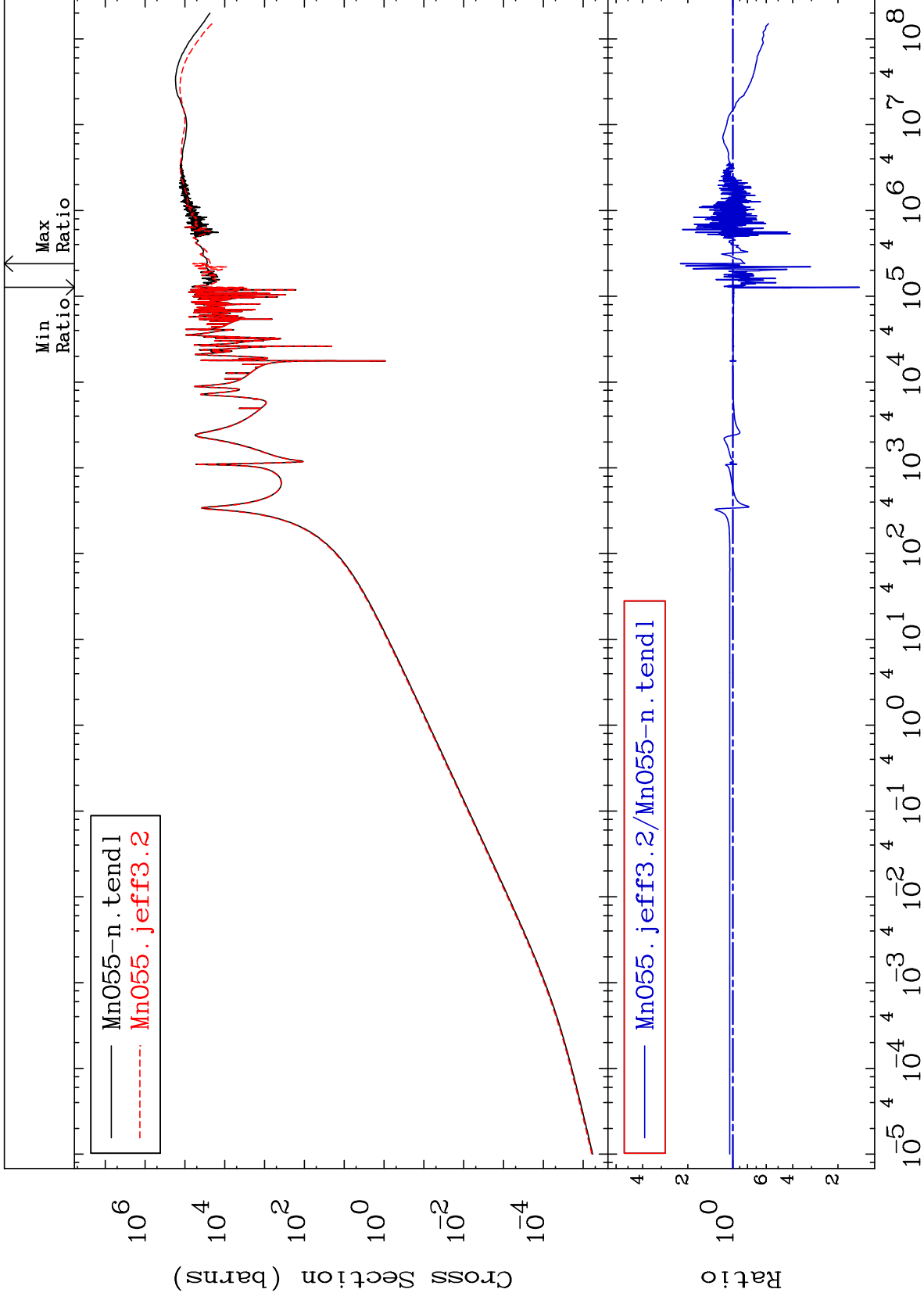
Incident Energy (eV)

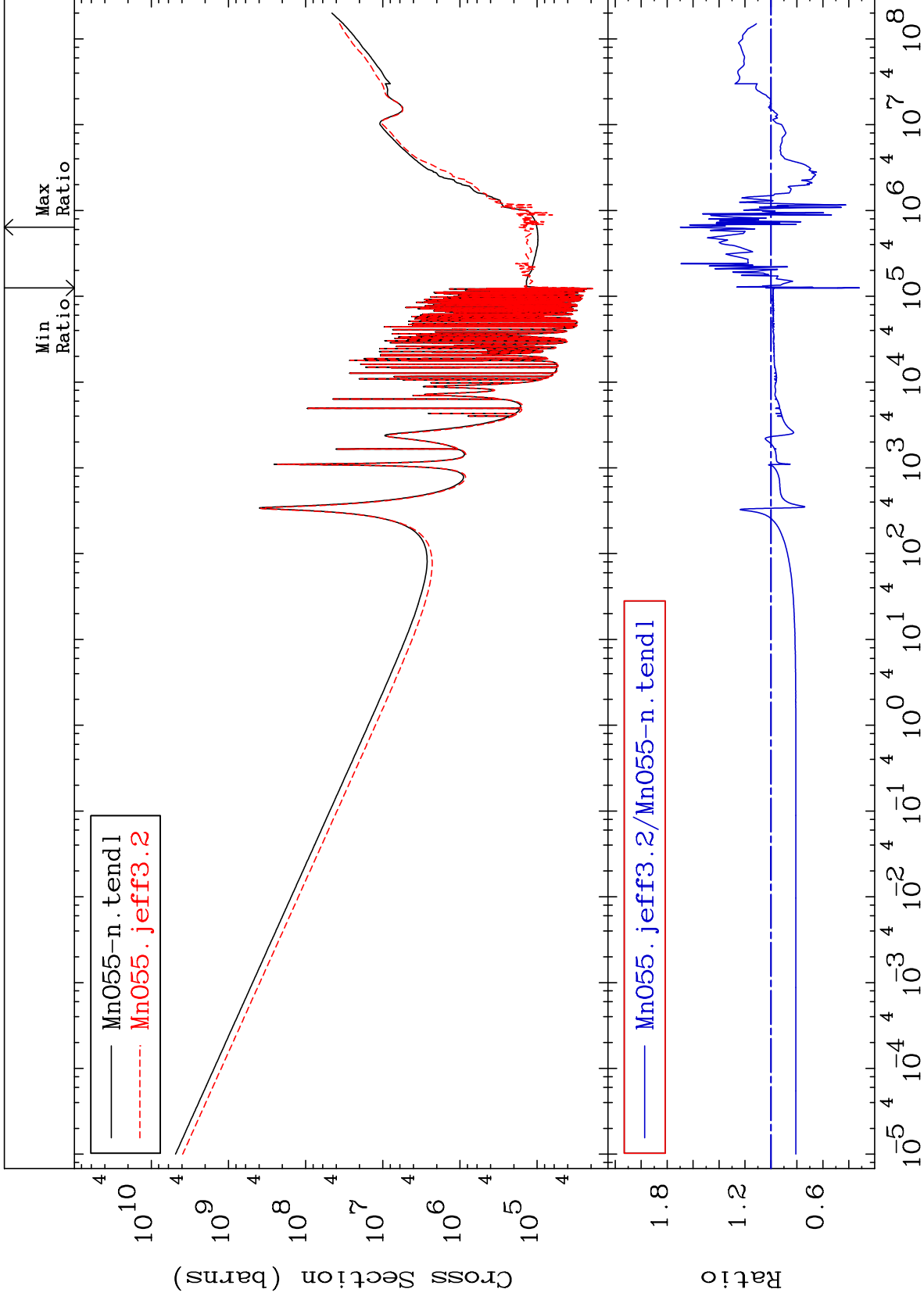
25-Mn-55

MAT 2525

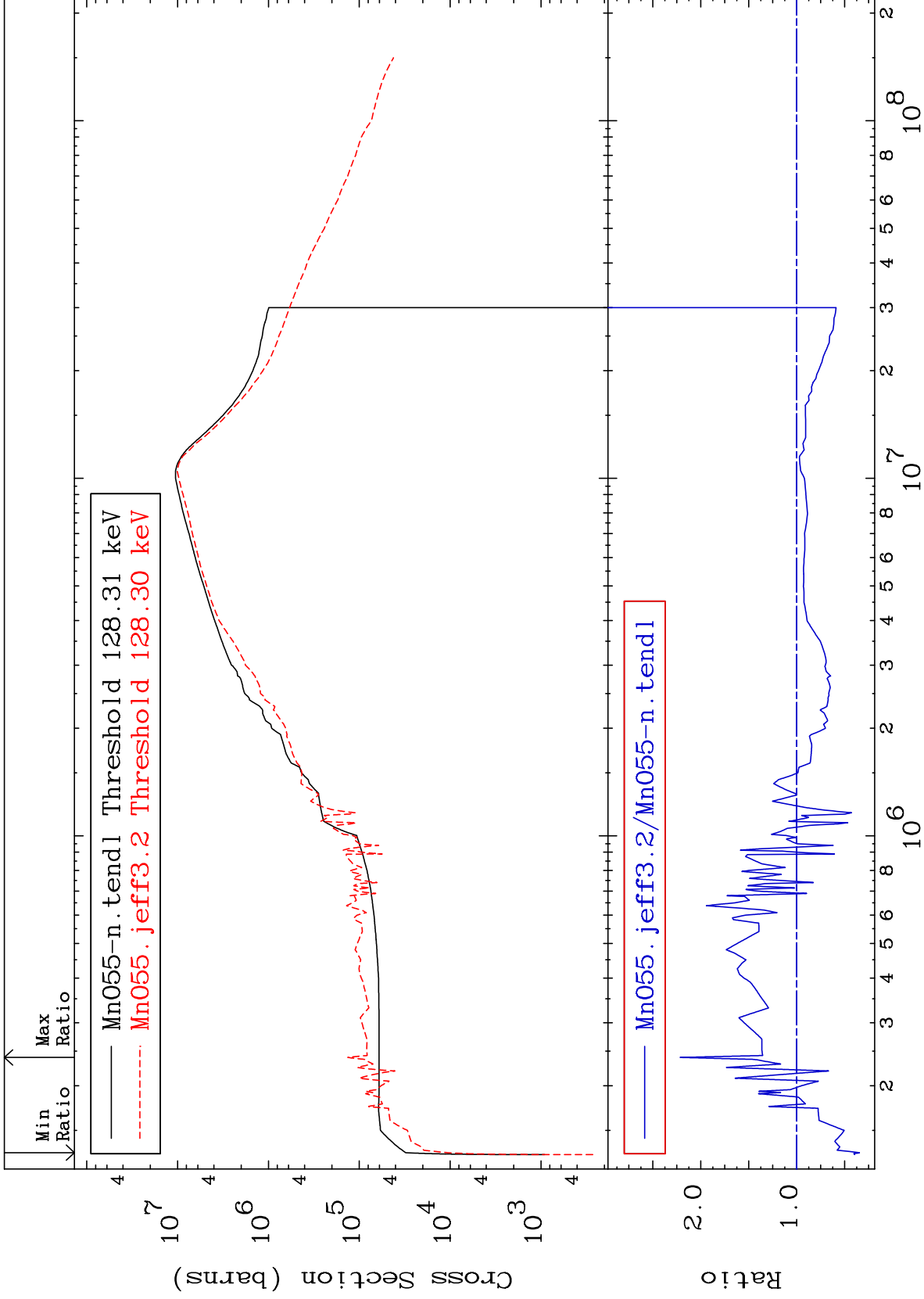
Kerma elastic  
Cross Section

25-Mn-55  
-85.63 To 124.1 %





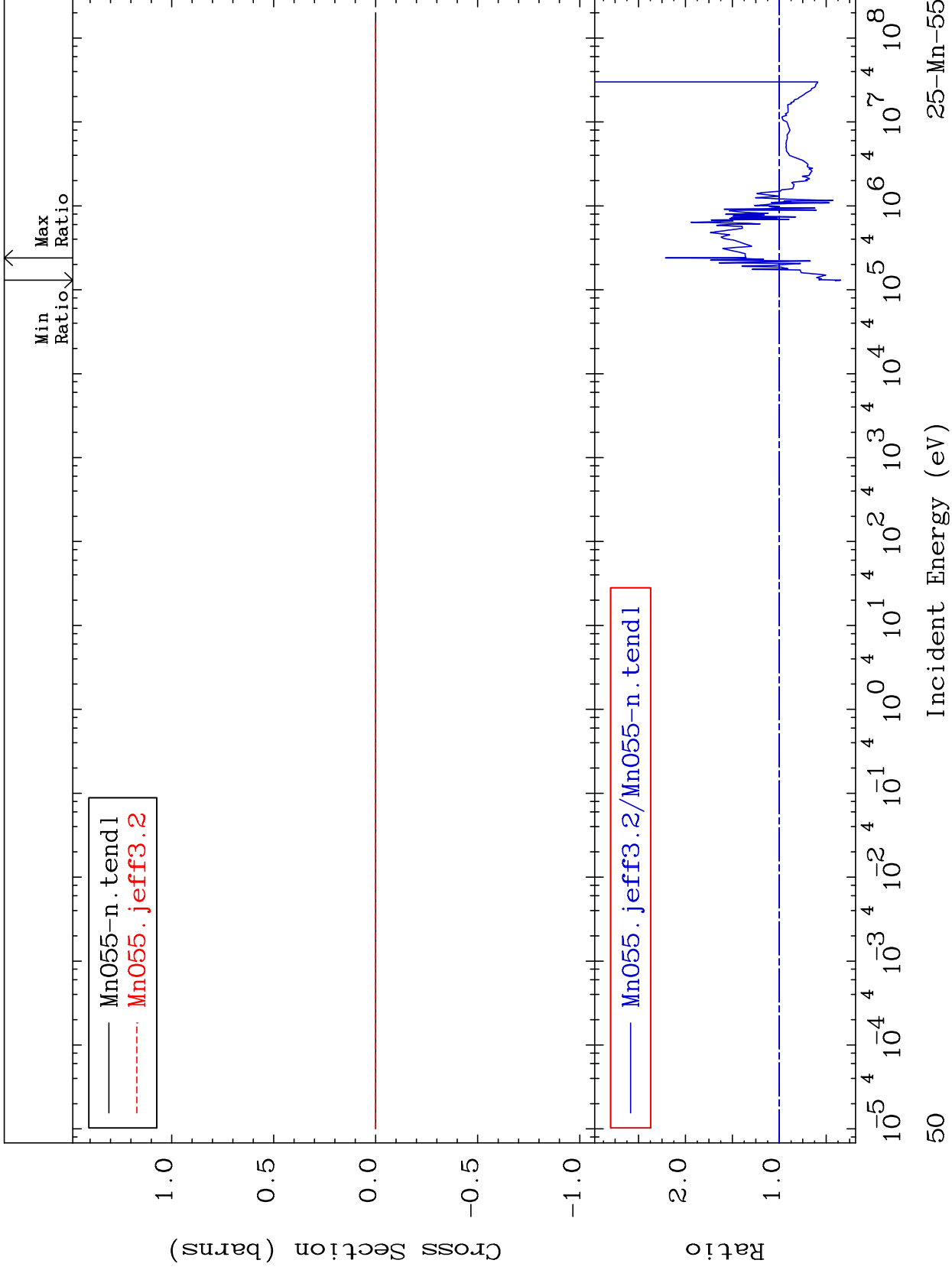




MAT 2525

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

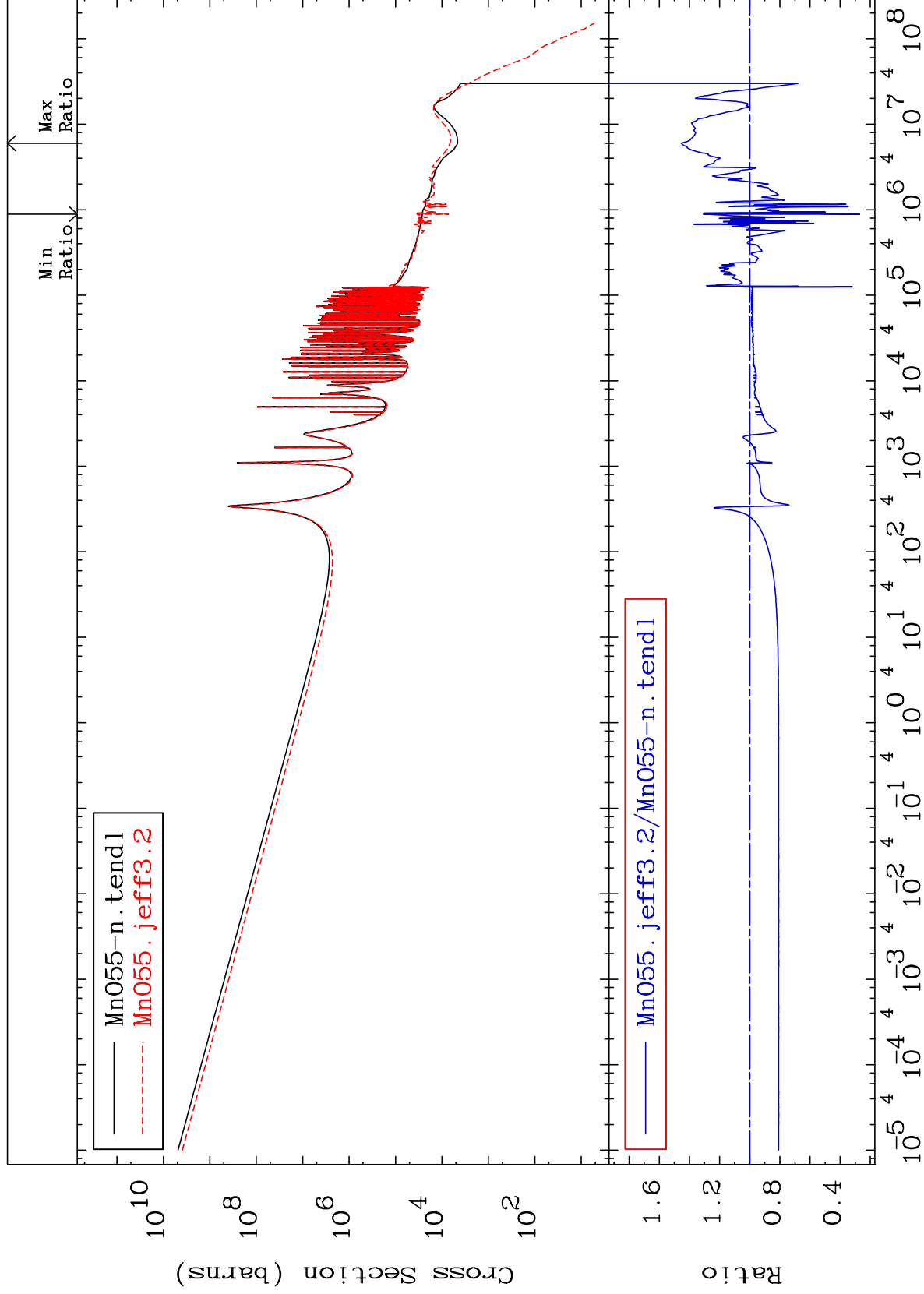
25-Mn-55  
-65.35 To 121.3 %



MAT 2525

Kerma capture (mt102)  
Cross Section

25-Mn-55  
-72.96 To 45.48 %



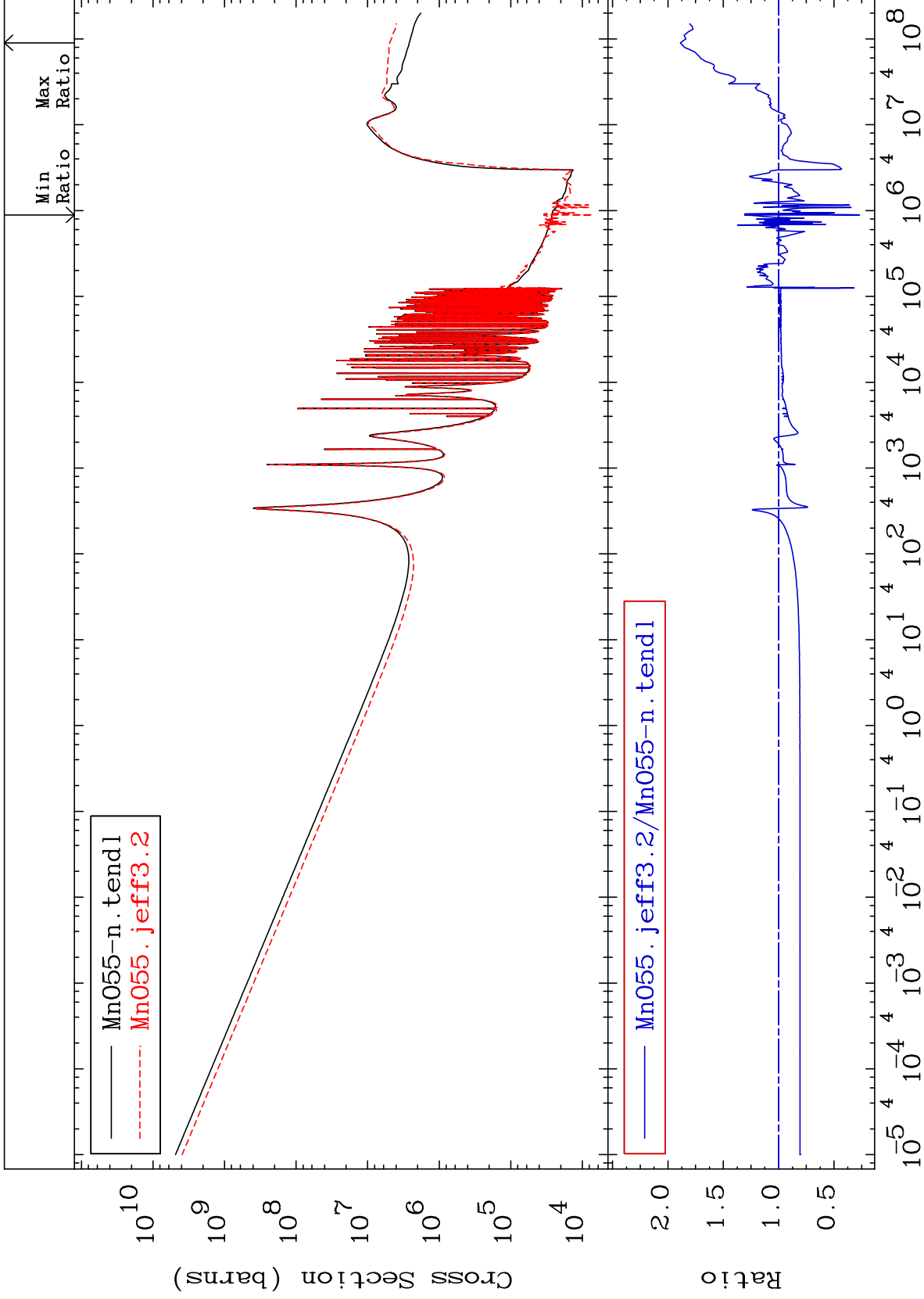
51

25-Mn-55

MAT 2525

Total photon (eV-barns)  
Cross Section

25-Mn-55  
-72.96 To 88.80 %



52

Incident Energy (eV)

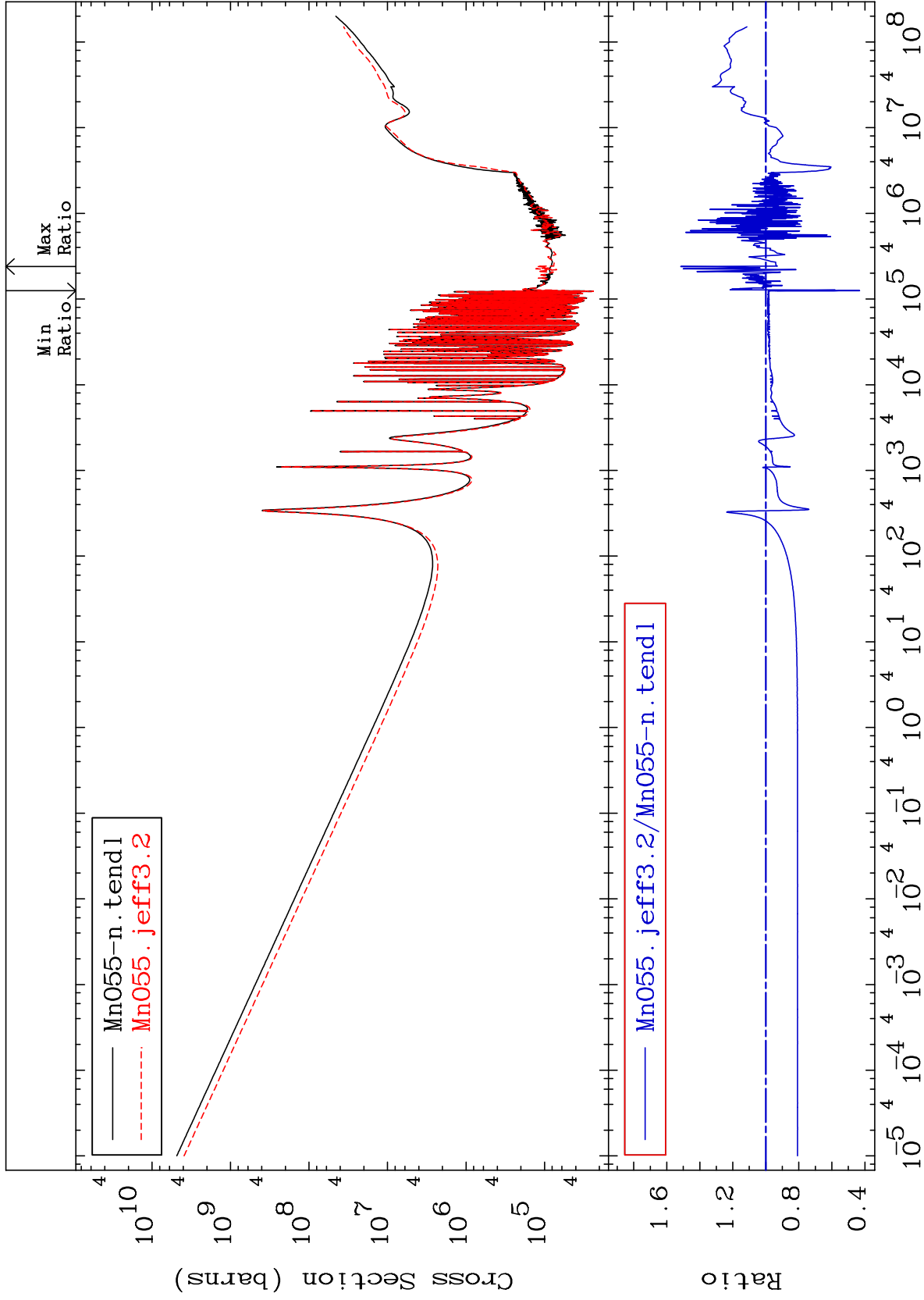
25-Mn-55

MAT 2525

Total kinematic kerma (high limit)  
Cross Section

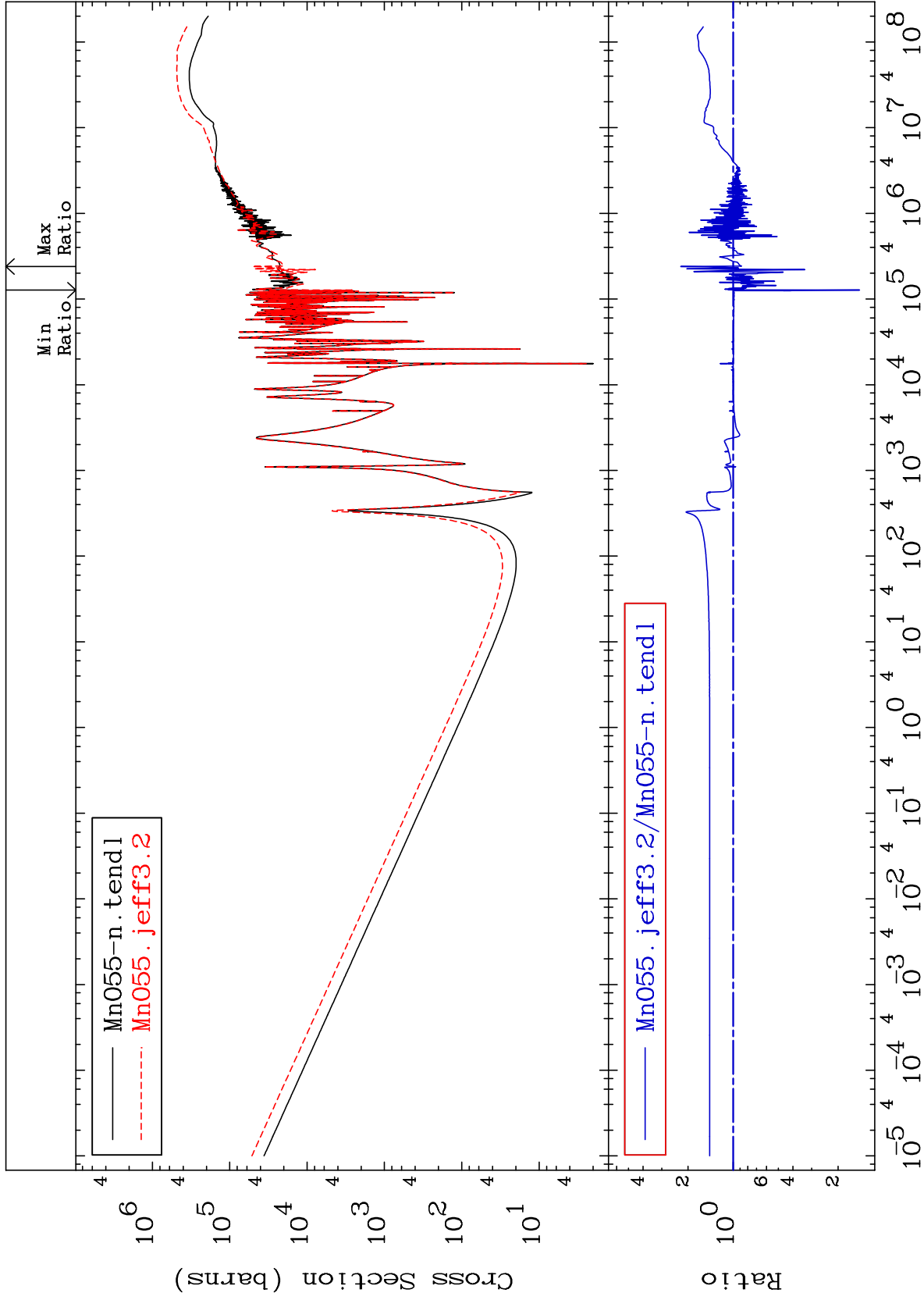
25-Mn-55

-56.76 To 51.51 %



Cross Section

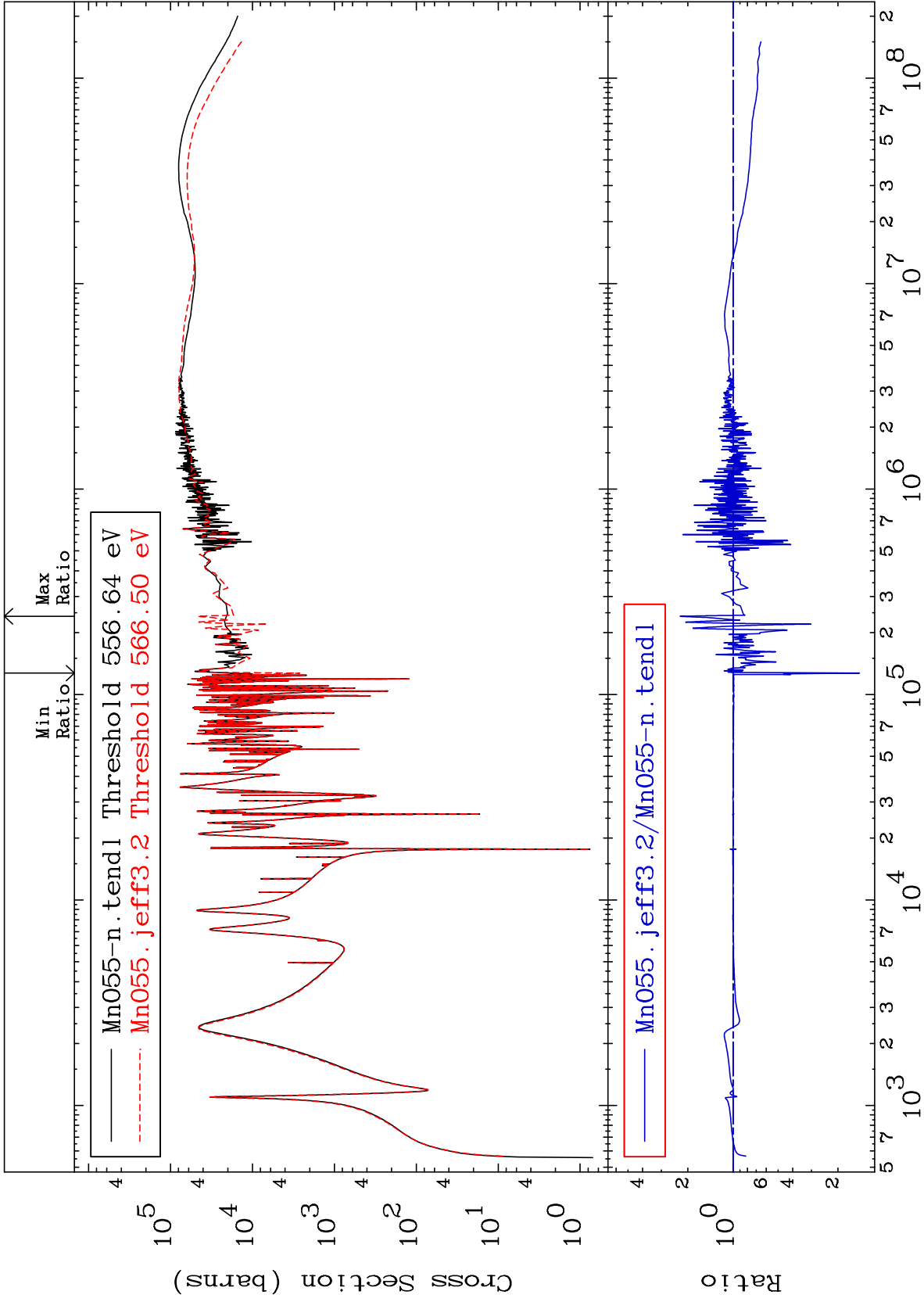
-85.61 To 123.9 %



MAT 2525

Dpa elastic (mt2)  
Cross Section

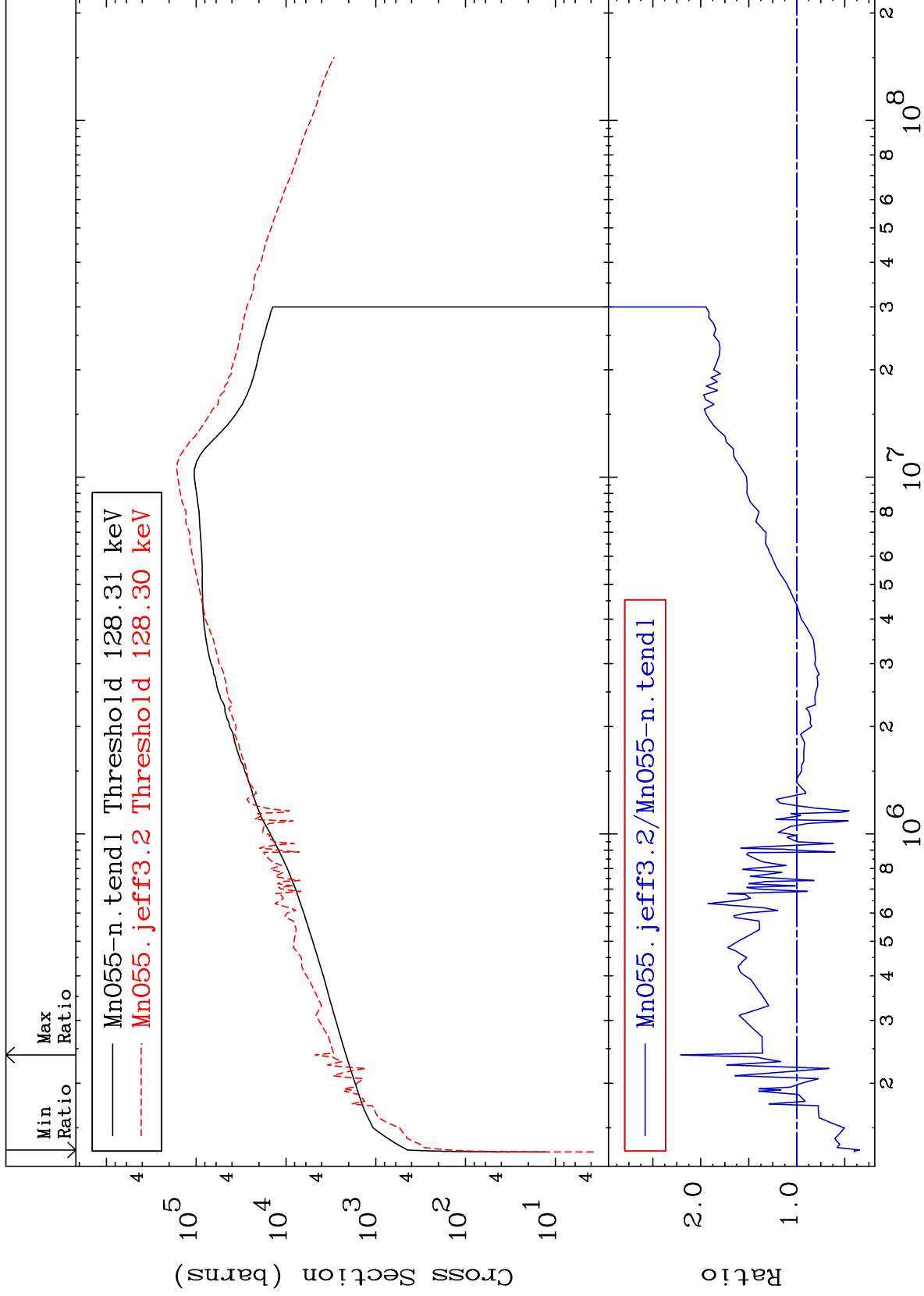
25-Mn-55  
-85.62 To 124.2 %



55

Incident Energy (eV)

25-Mn-55

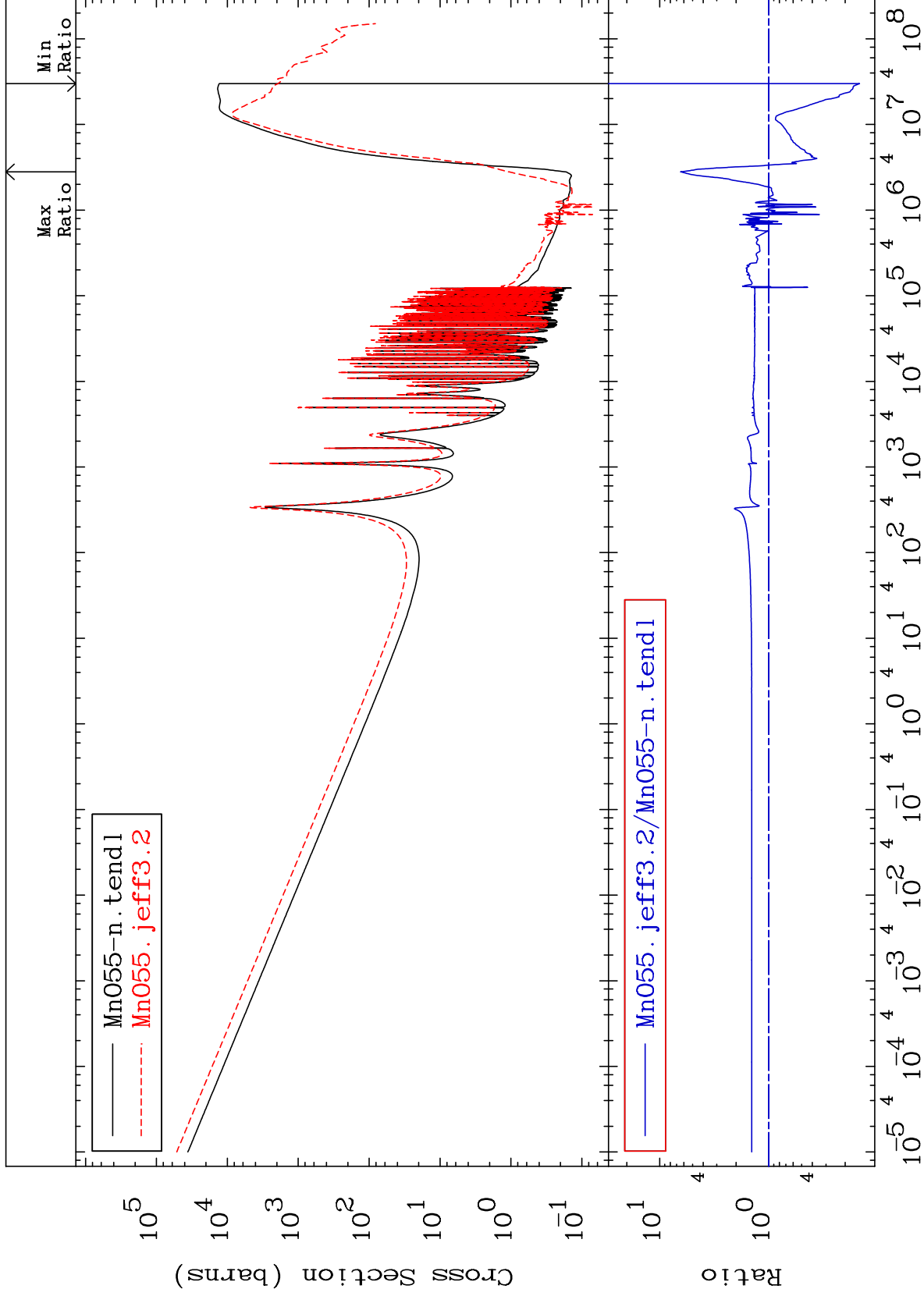




MAT 2525

Dpa disappearance (mt102 -120)  
Cross Section

25-Mn-55  
-85.21 To 540.7 %



57

Incident Energy (eV)

25-Mn-55