

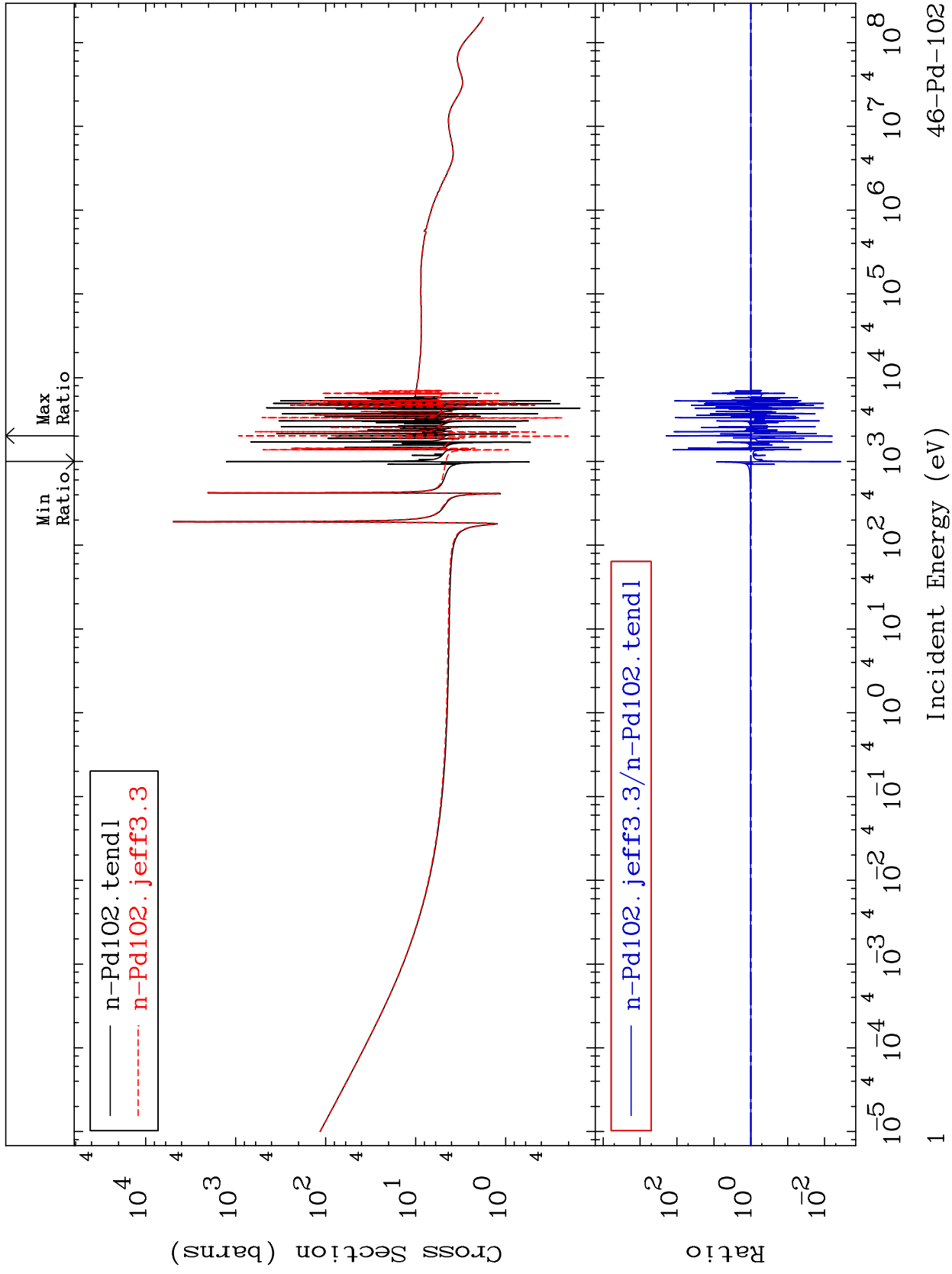
MAT 4625

Total

46-Pd-102

Cross Section

-99.64 To 9999. %

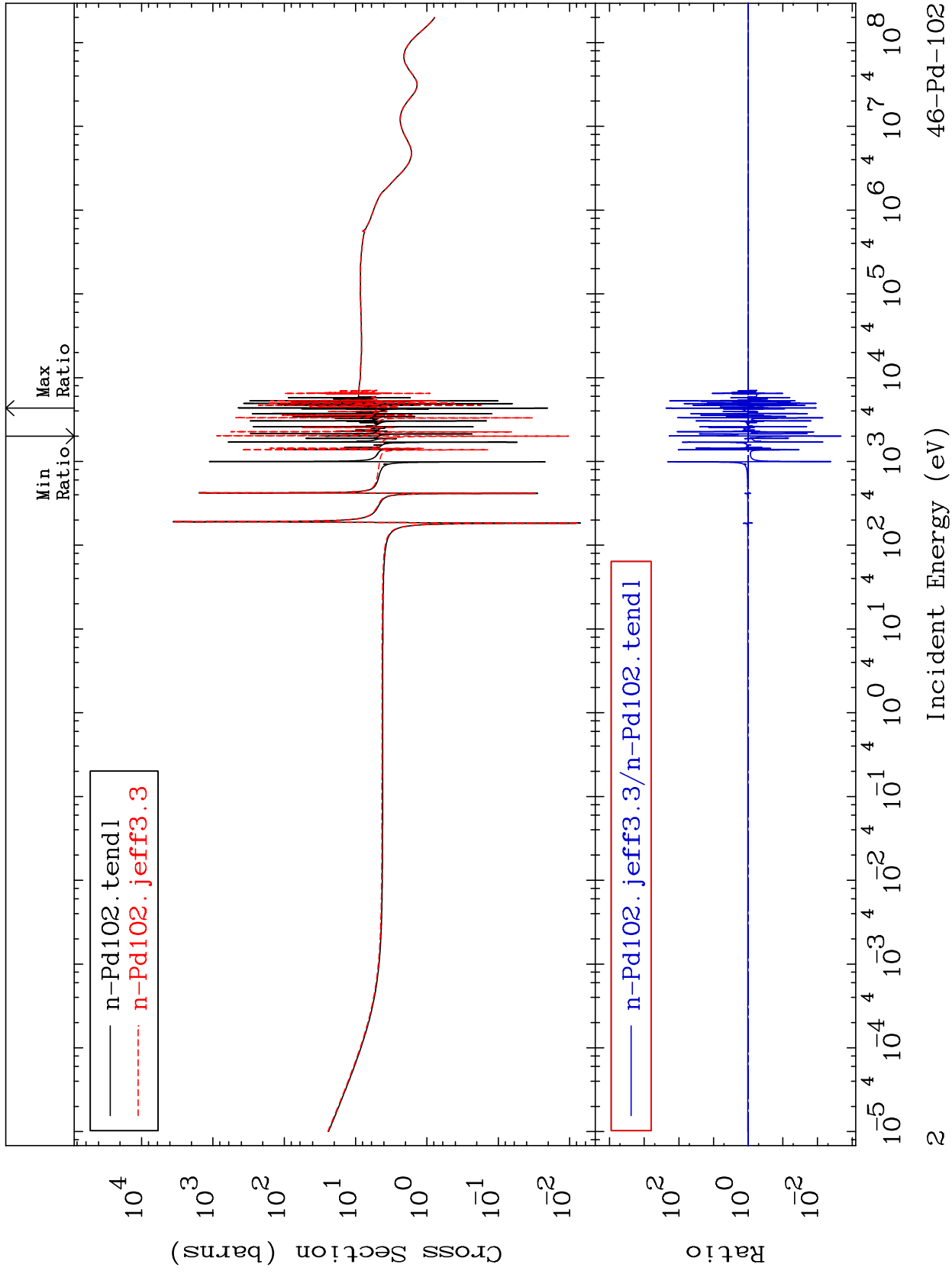


46-Pd-102

MAT 4625

Elastic  
Cross Section

46-Pd-102  
-99.79 To 9999. %



2

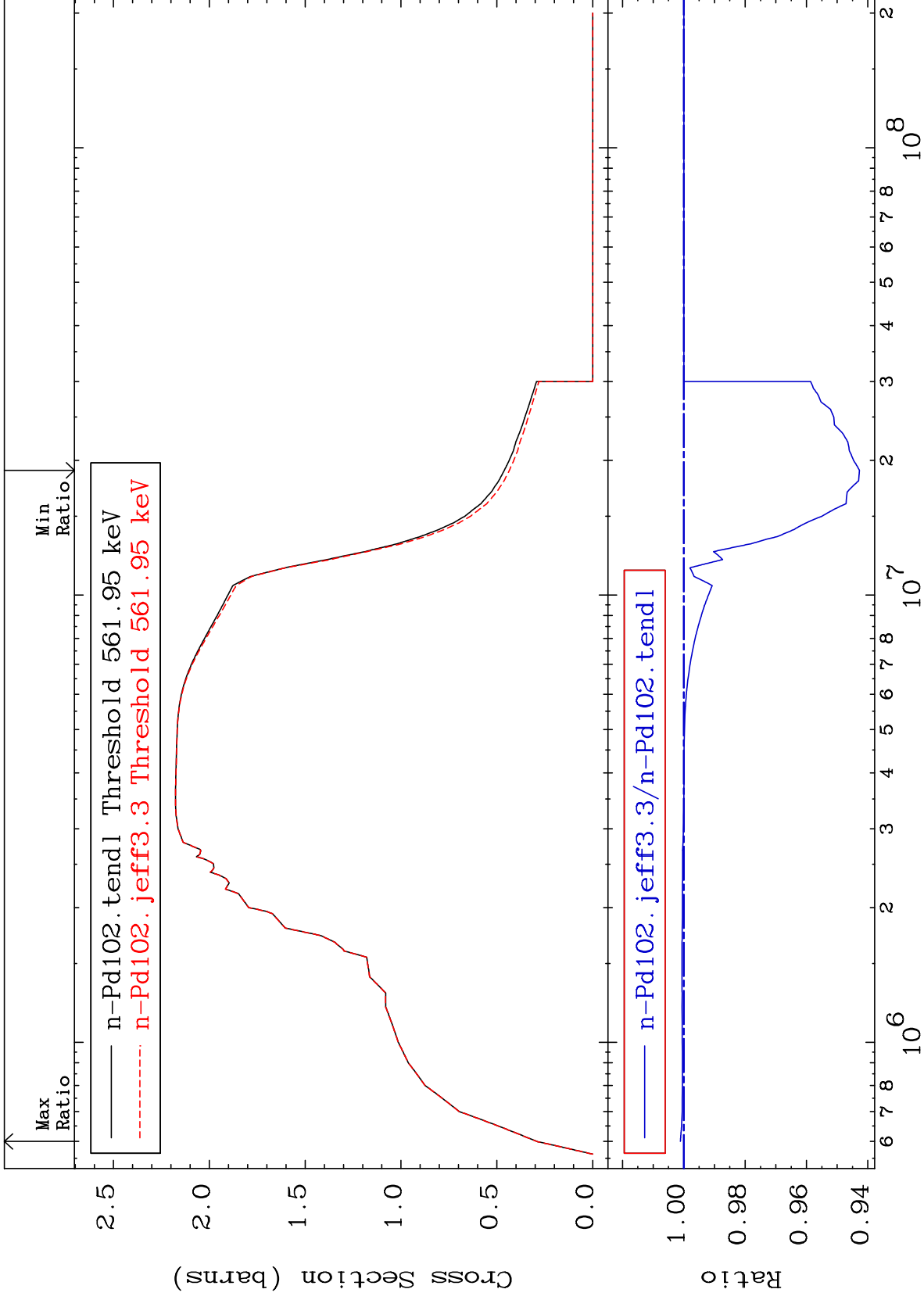
Incident Energy (eV)

46-Pd-102

MAT 4625

Inelastic  
Cross Section

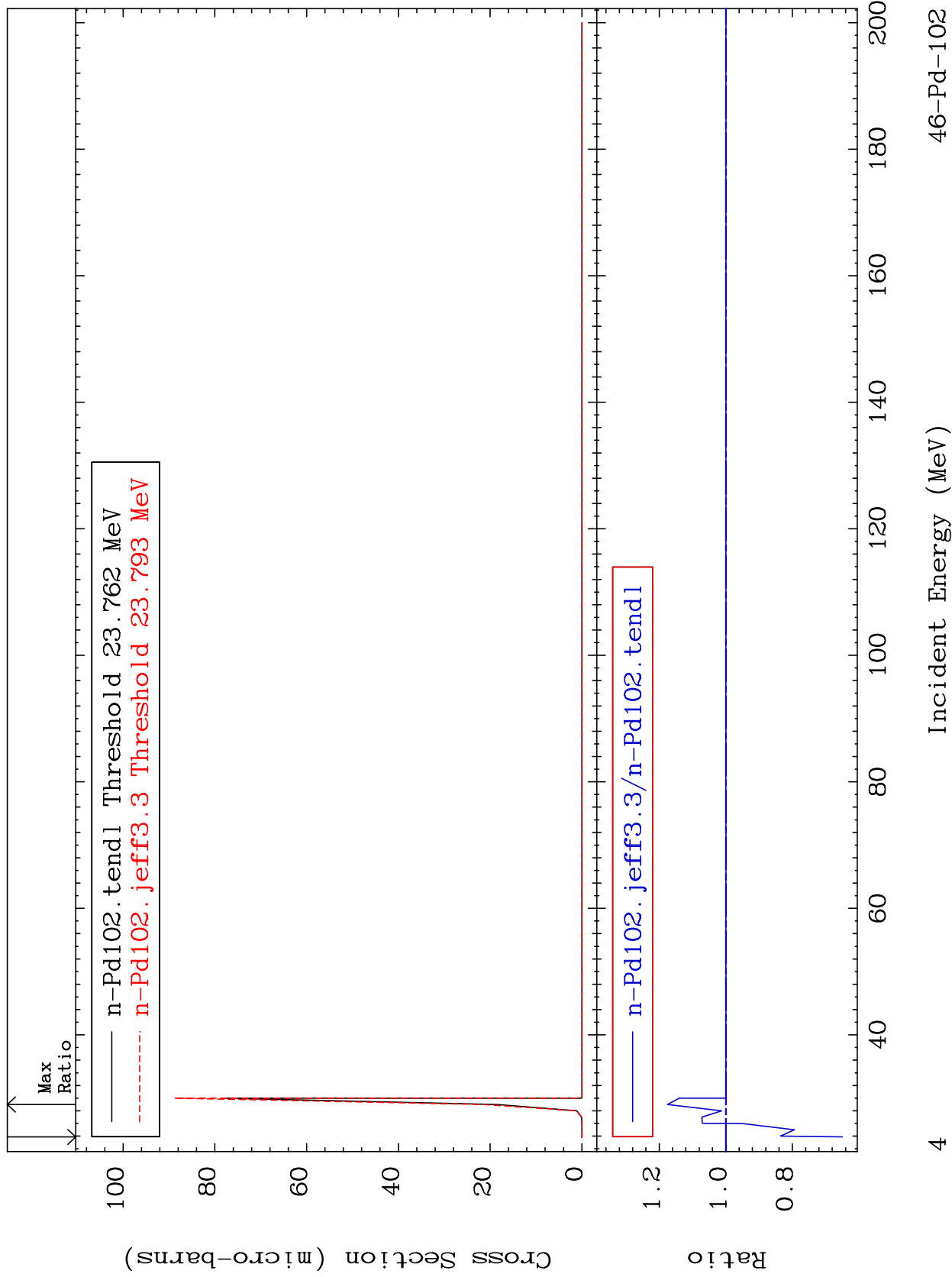
46-Pd-102  
-5.725 To 0.112 %



MAT 4625

(n,2n) d  
Cross Section

46-Pd-102  
-35.05 To 17.53 %



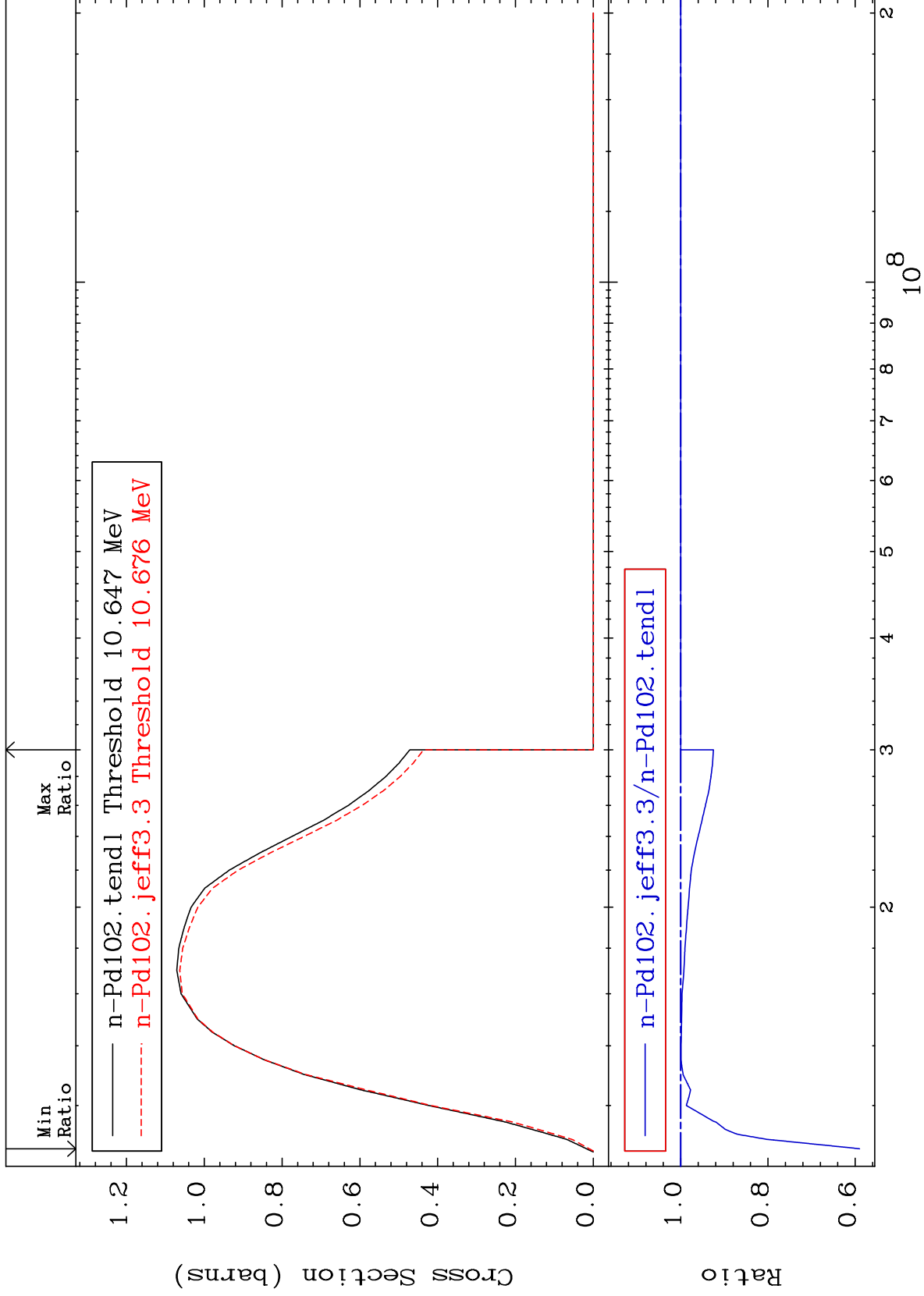
MAT 4625

(n,2n)

46-Pd-102

Cross Section

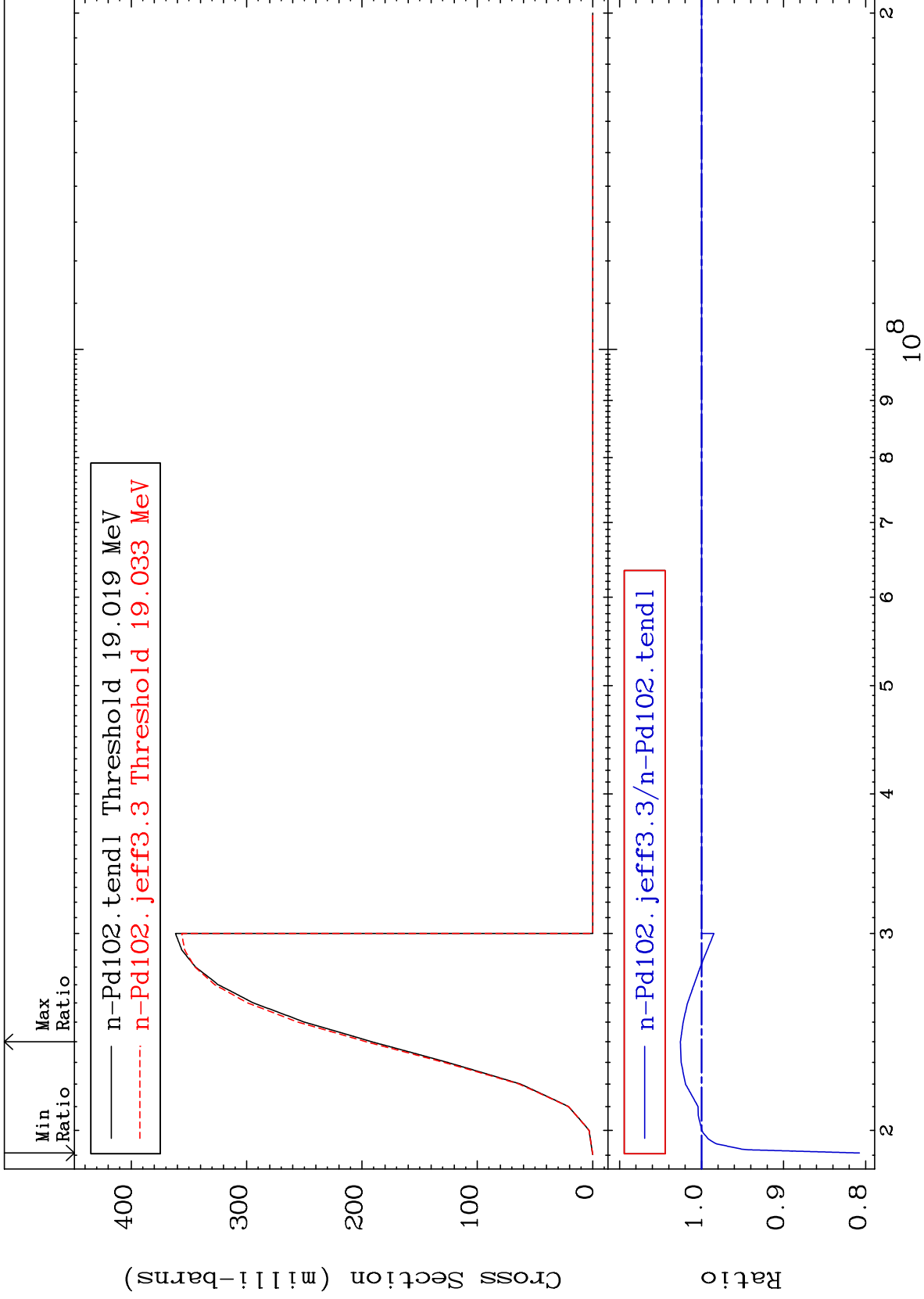
-41.00 To 0.000 %



MAT 4625

(n,3n)  
Cross Section

46-Pd-102  
-19.24 To 2.588 %



6

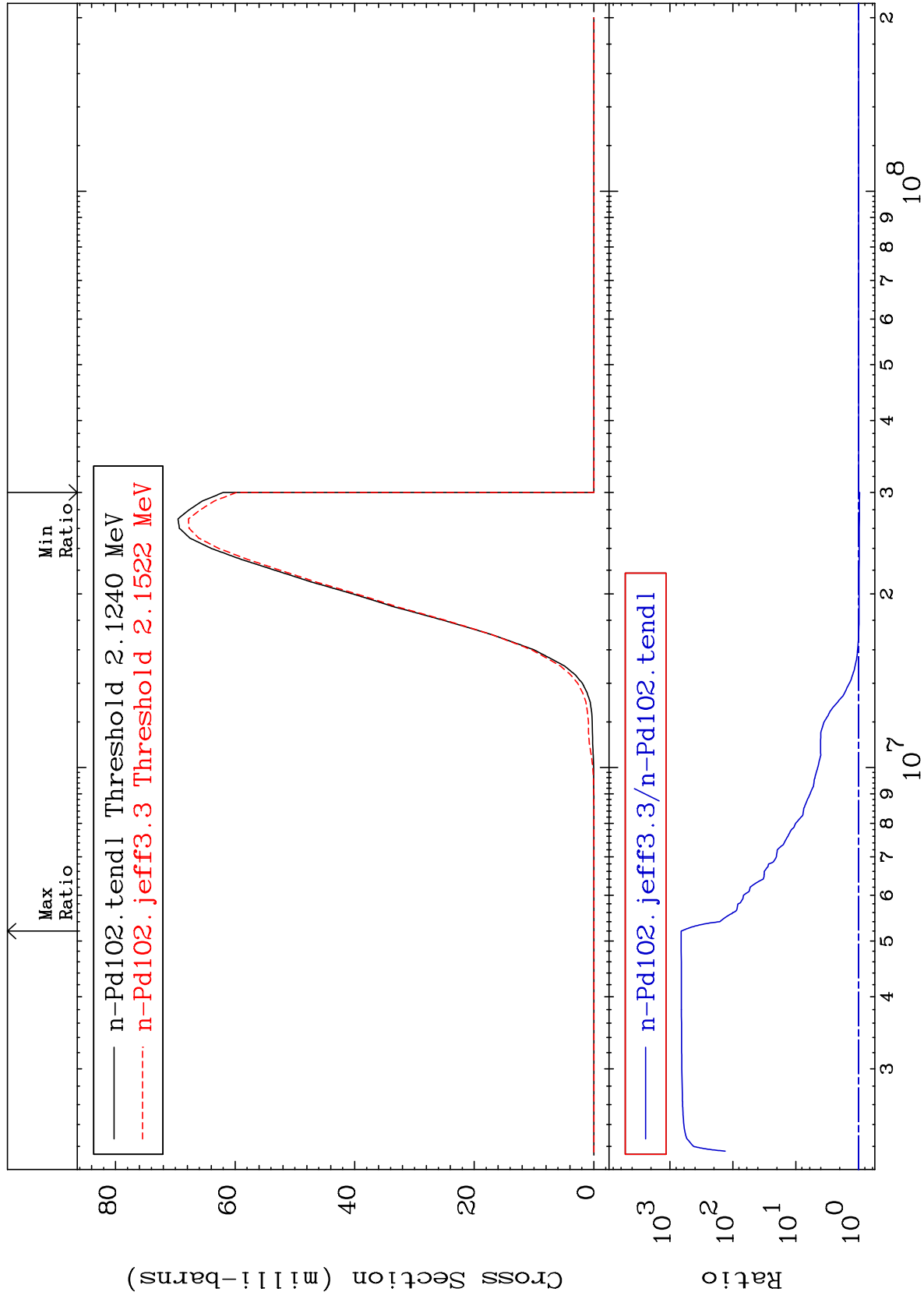
Incident Energy (eV)

46-Pd-102

MAT 4625

$(n, n') \alpha$   
Cross Section

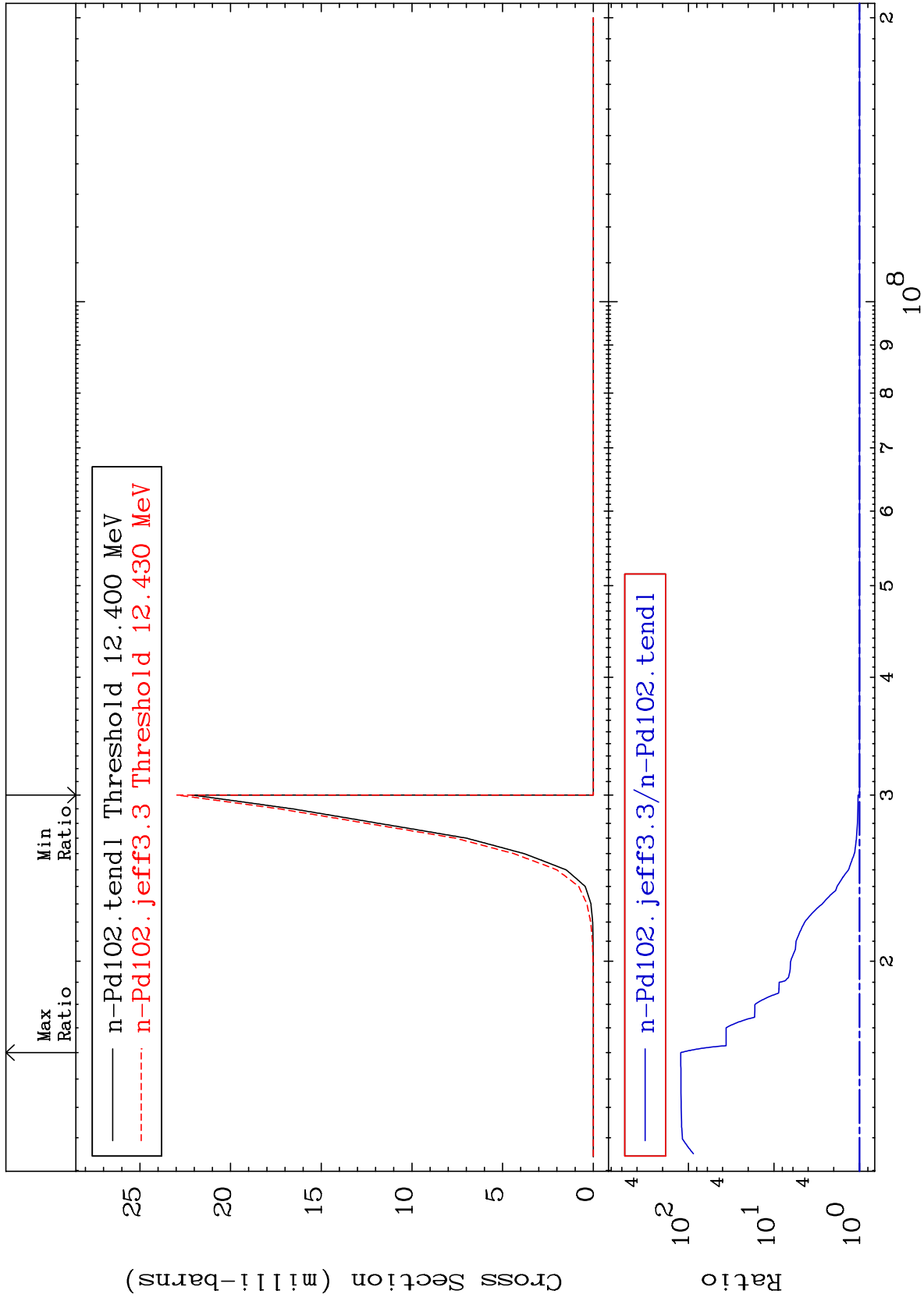
46-Pd-102  
-3.556 To 9999. %



MAT 4625

(n,2n)  $\alpha$   
Cross Section

46-Pd-102  
To 9999. %  
0.000

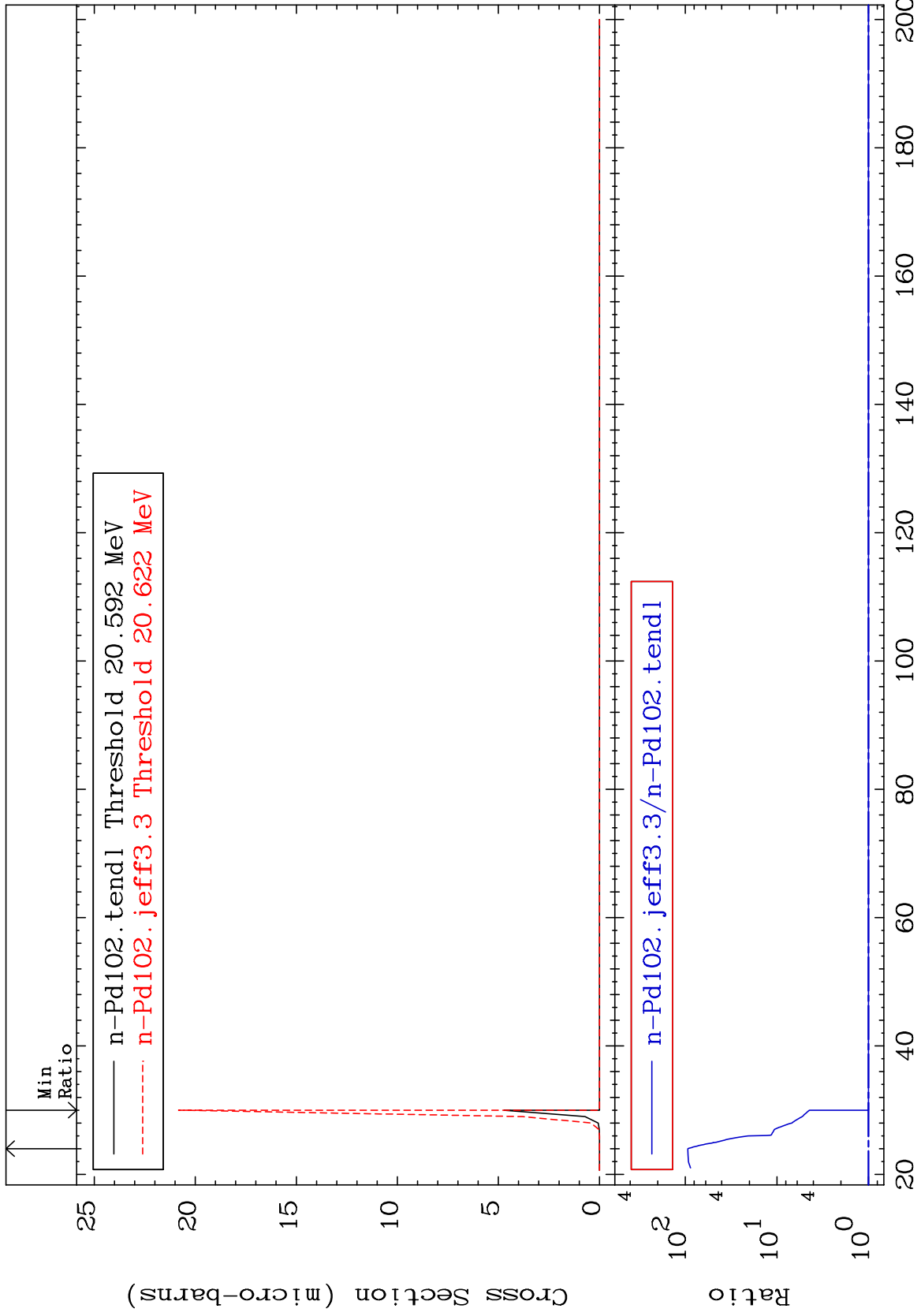




MAT 4625

(n,3n)  $\alpha$   
Cross Section

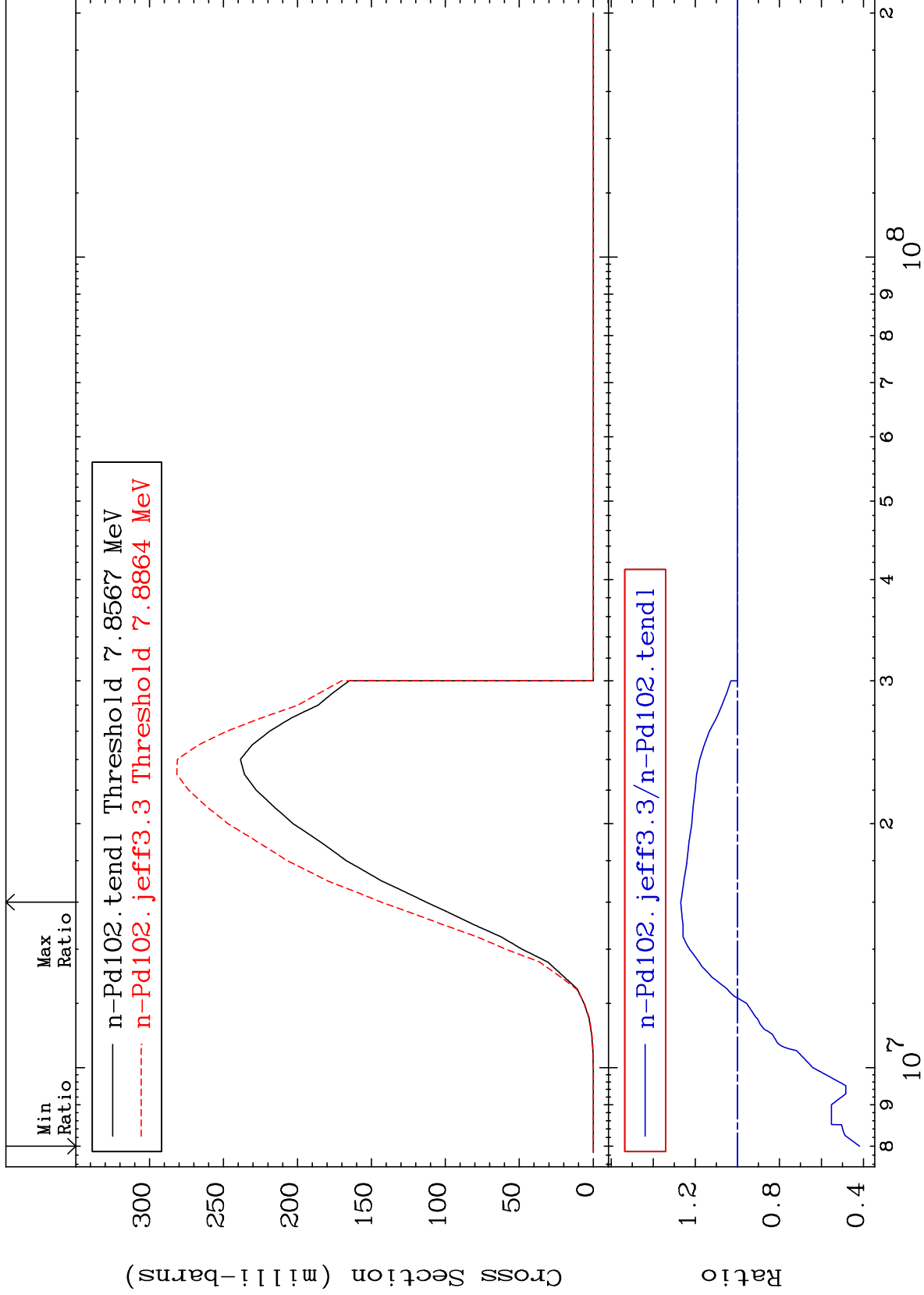
46-Pd-102  
To 9281. %  
0.000



MAT 4625

(n, n') p  
Cross Section

46-Pd-102  
-58.11 To 26.90 %



46-Pd-102

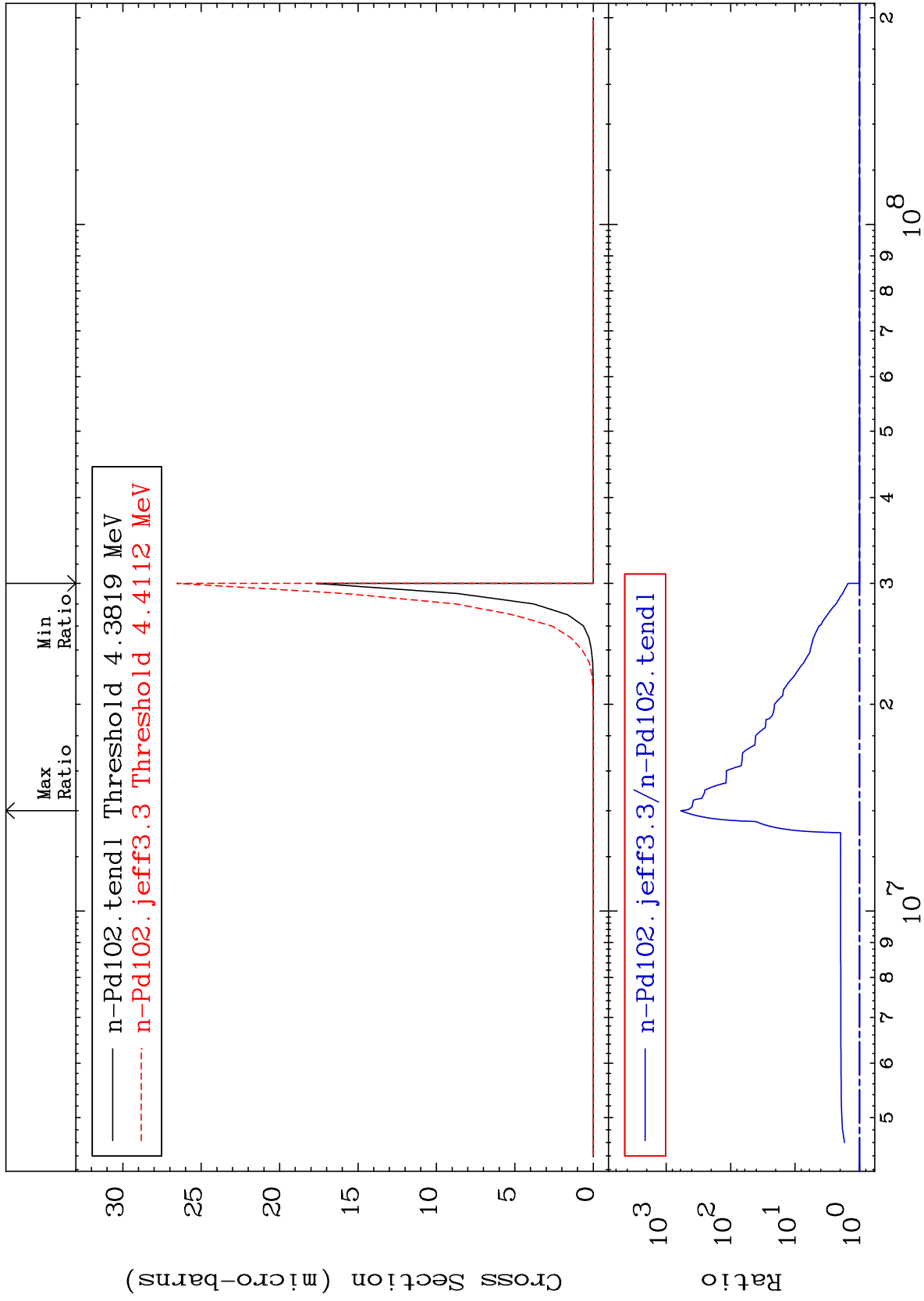
Incident Energy (eV)

10

MAT 4625

(n, n')  $2\alpha$   
Cross Section

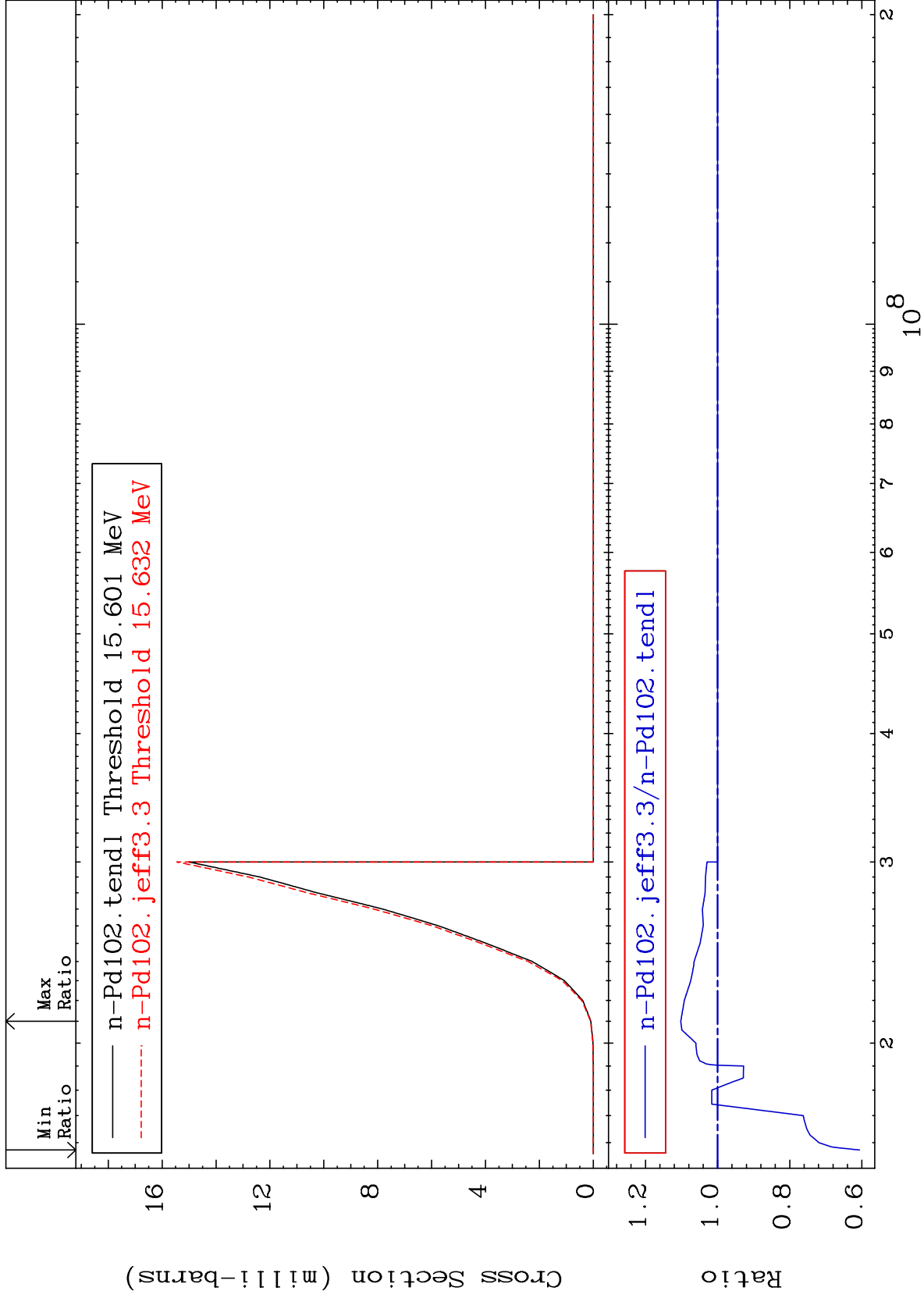
46-Pd-102  
To 9999. %

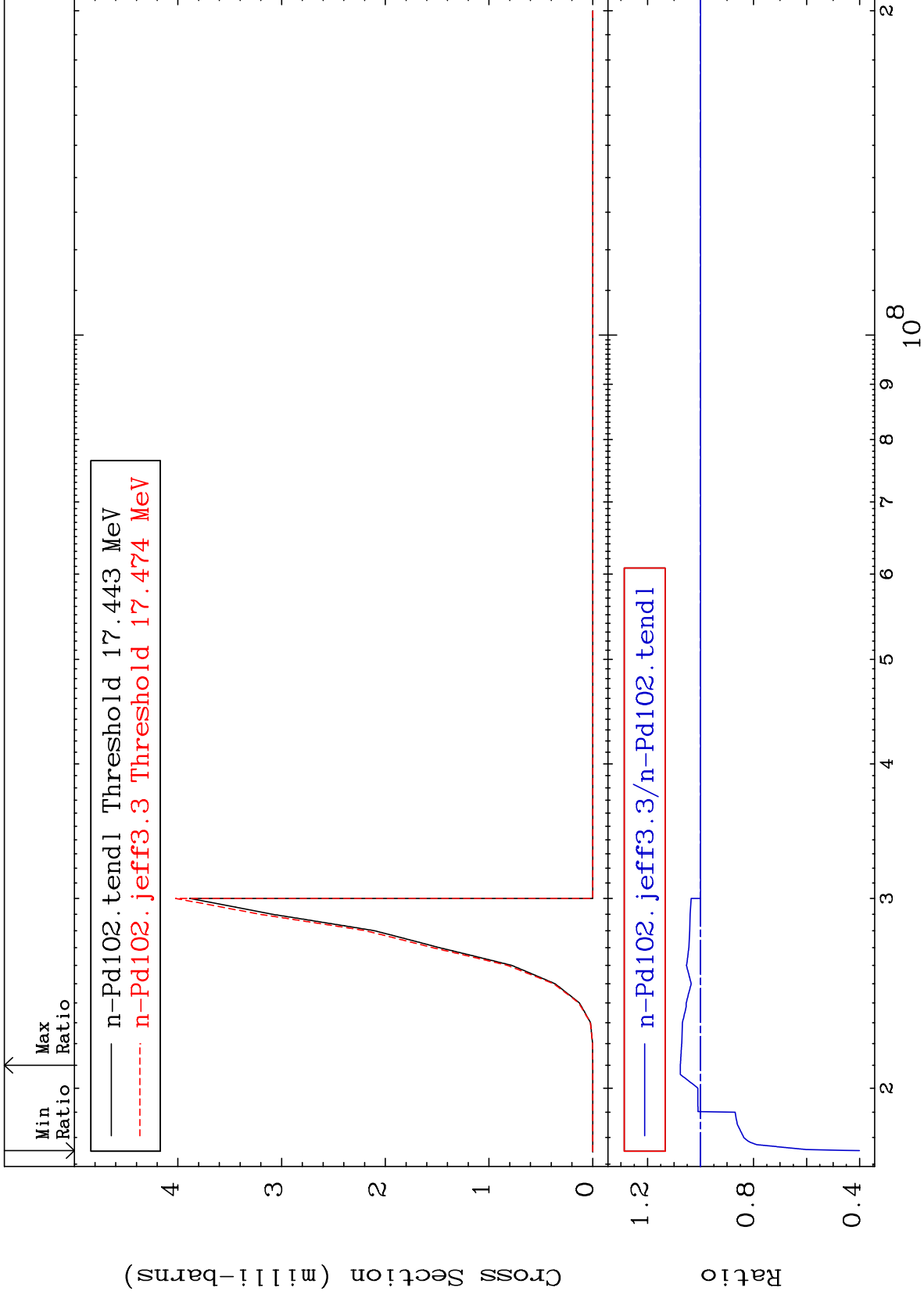


MAT 4625

(n,n') d  
Cross Section

46-Pd-102  
-39.34 To 10.21 %

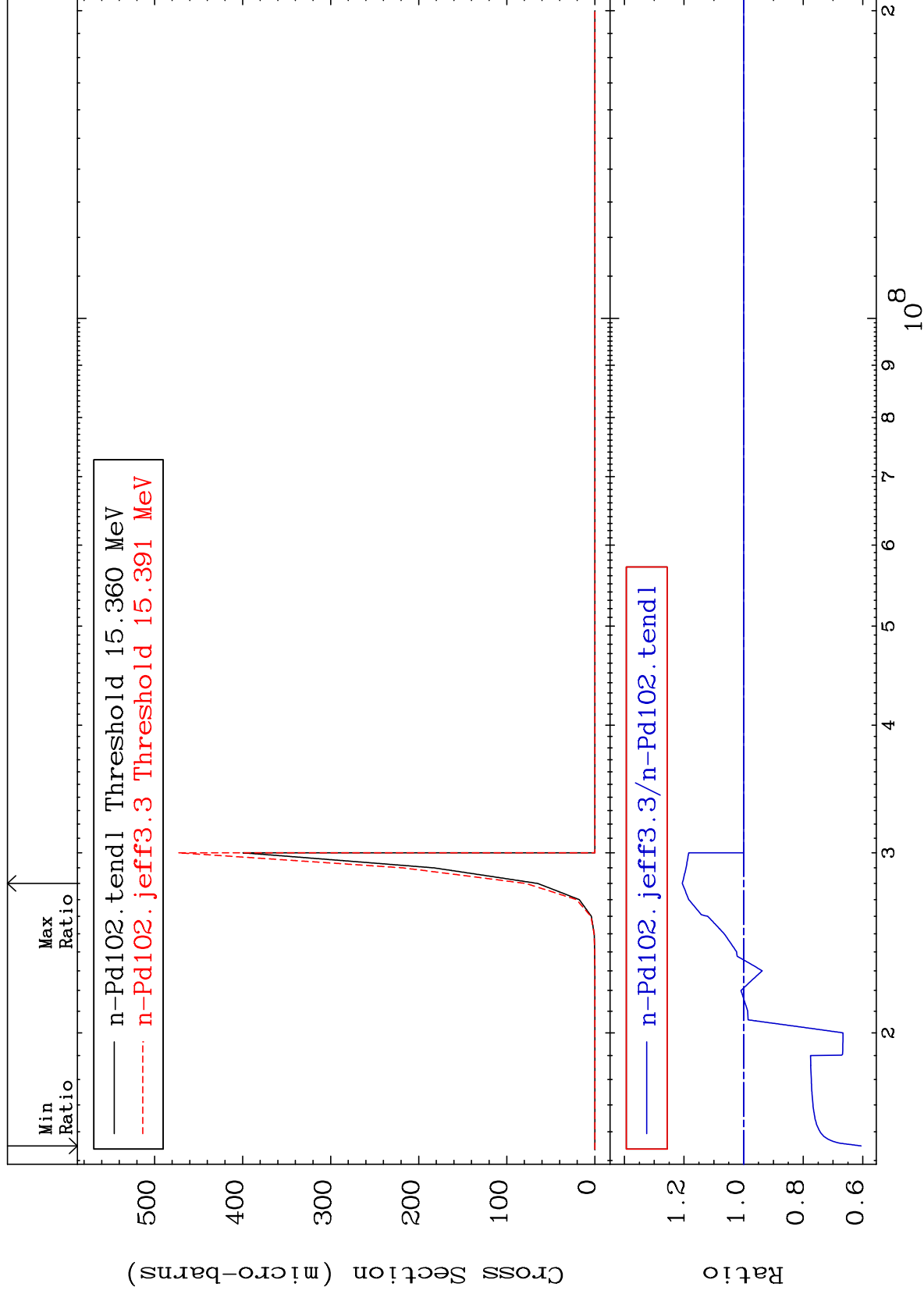




MAT 4625

(n, n') He-3  
Cross Section

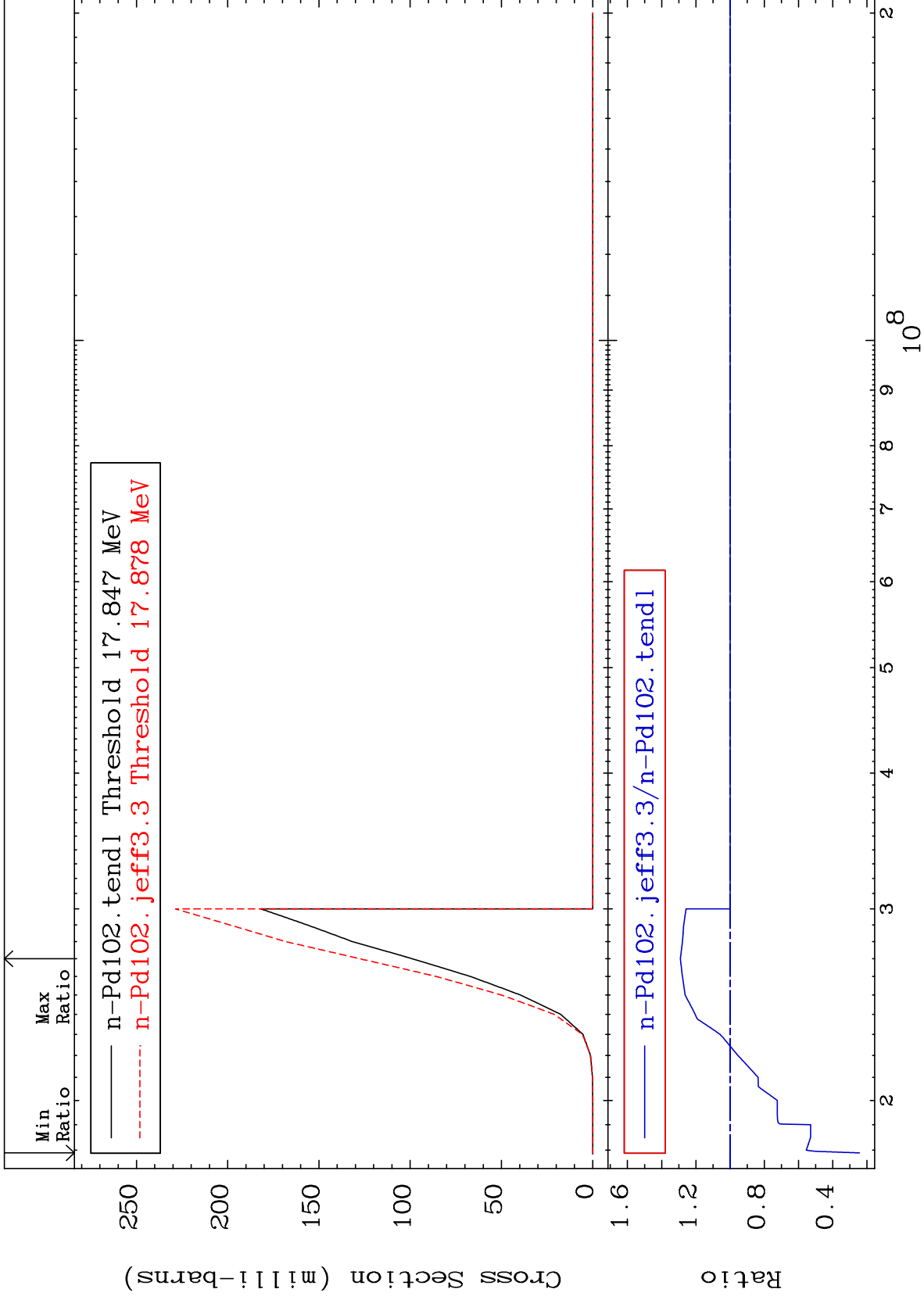
46-Pd-102  
-39.42 To 20.57 %



MAT 4625

(n,2n) p  
Cross Section

46-Pd-102  
-75.59 To 29.07 %



15

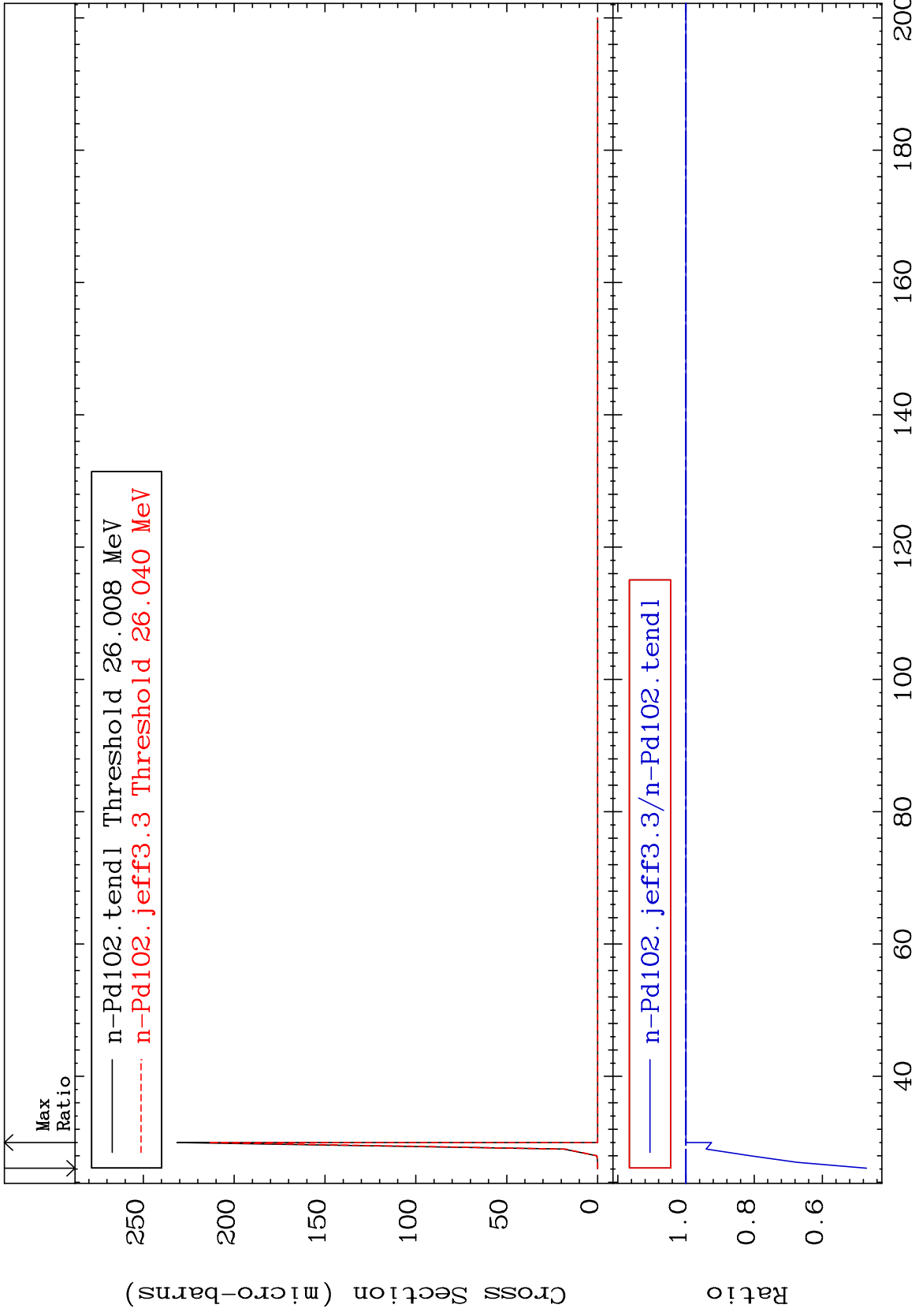
Incident Energy (eV)

46-Pd-102

MAT 4625

(n,3n) p  
Cross Section

46-Pd-102  
-52.95 To 0.000 %

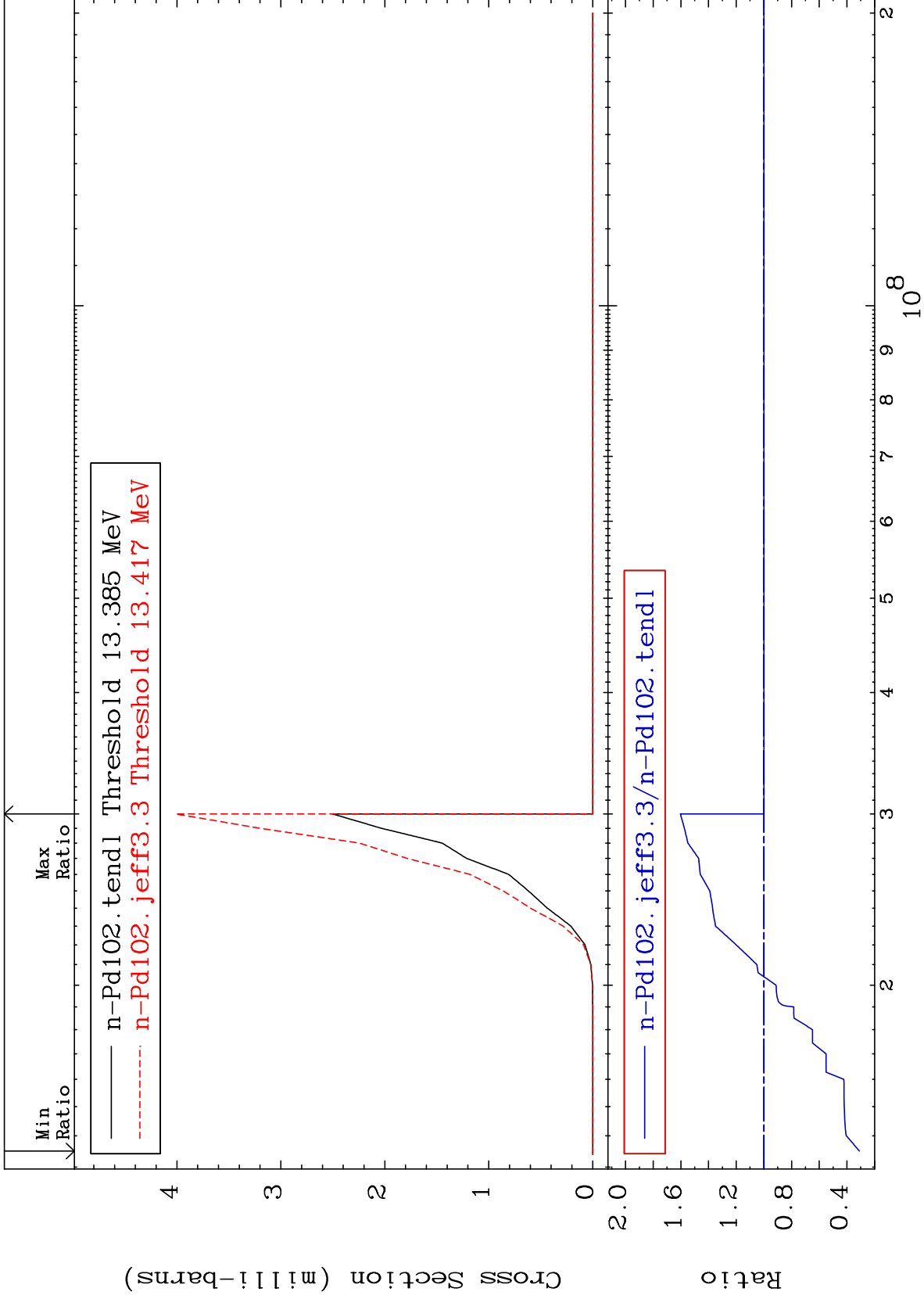




MAT 4625

(n,2n) p  
Cross Section

46-Pd-102  
-69.05 To 60.37 %



17

Incident Energy (eV)

46-Pd-102

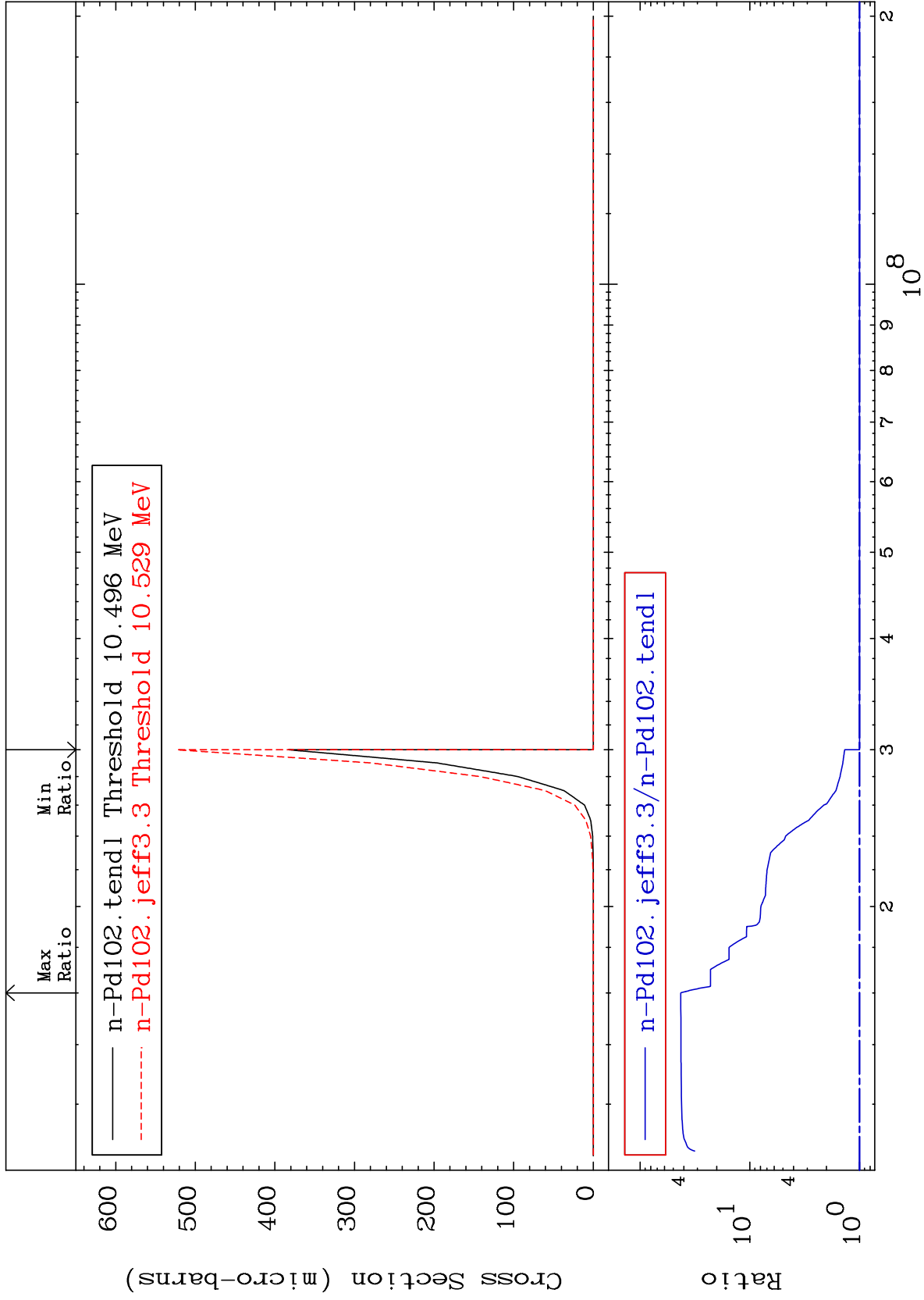
MAT 4625

(n,n') p  $\alpha$

46-Pd-102

Cross Section

0.000 To 4160. %

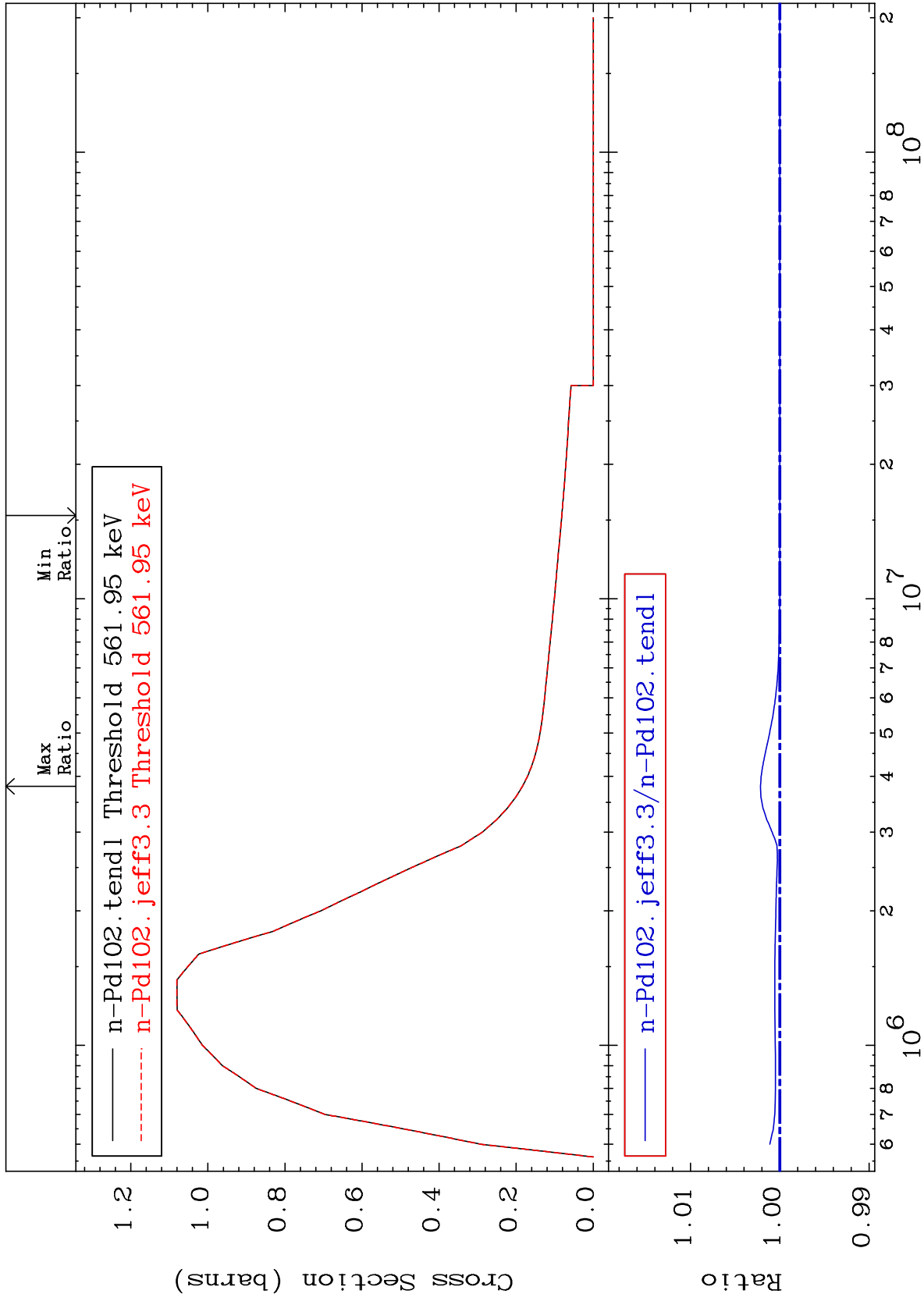


MAT 4625

MT= 51 (n,n') Level

46-Pd-102

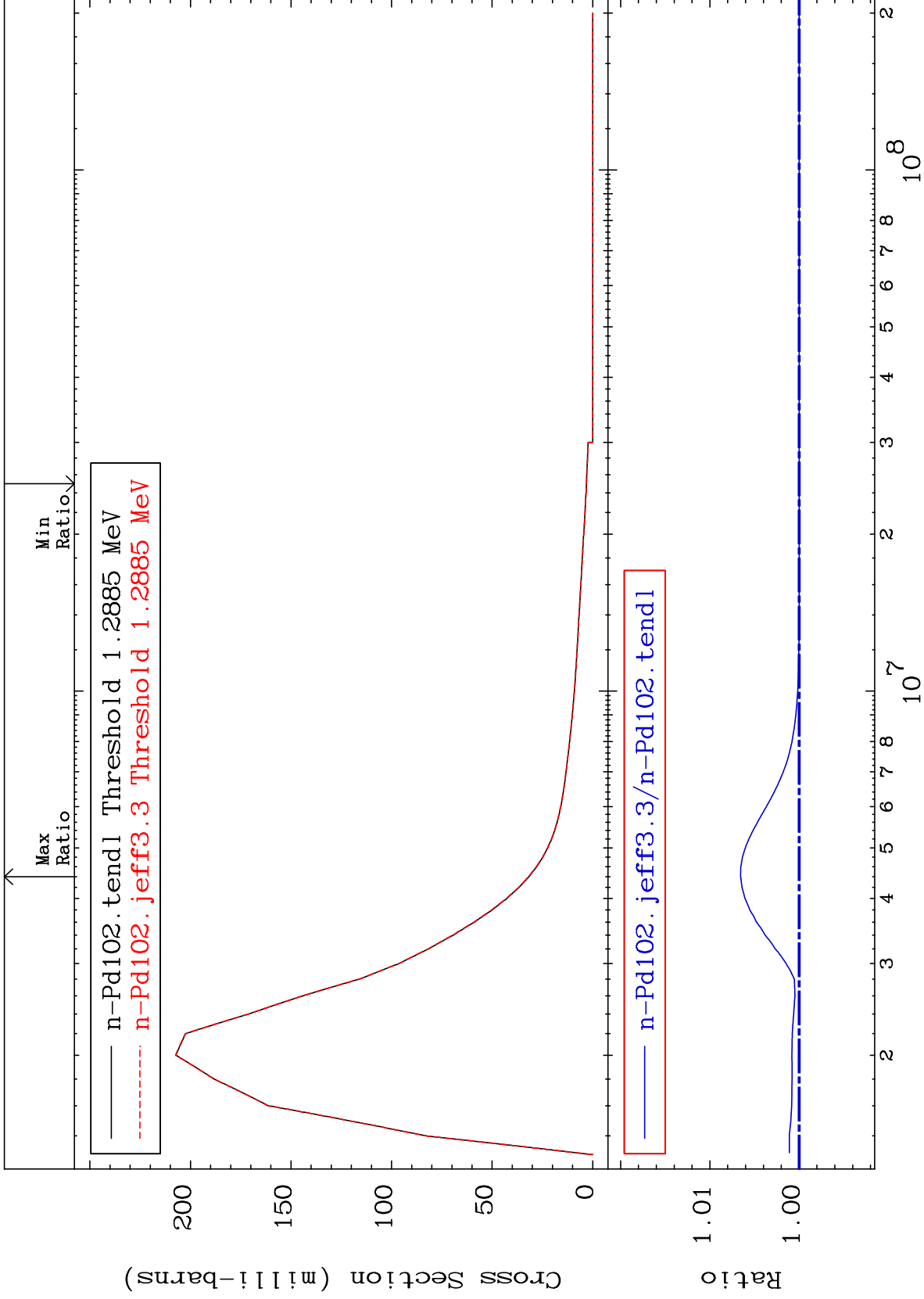
Cross Section  
0.000 To 0.216 %



MAT 4625

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

46-Pd-102  
0.000 To 0.655 %



20

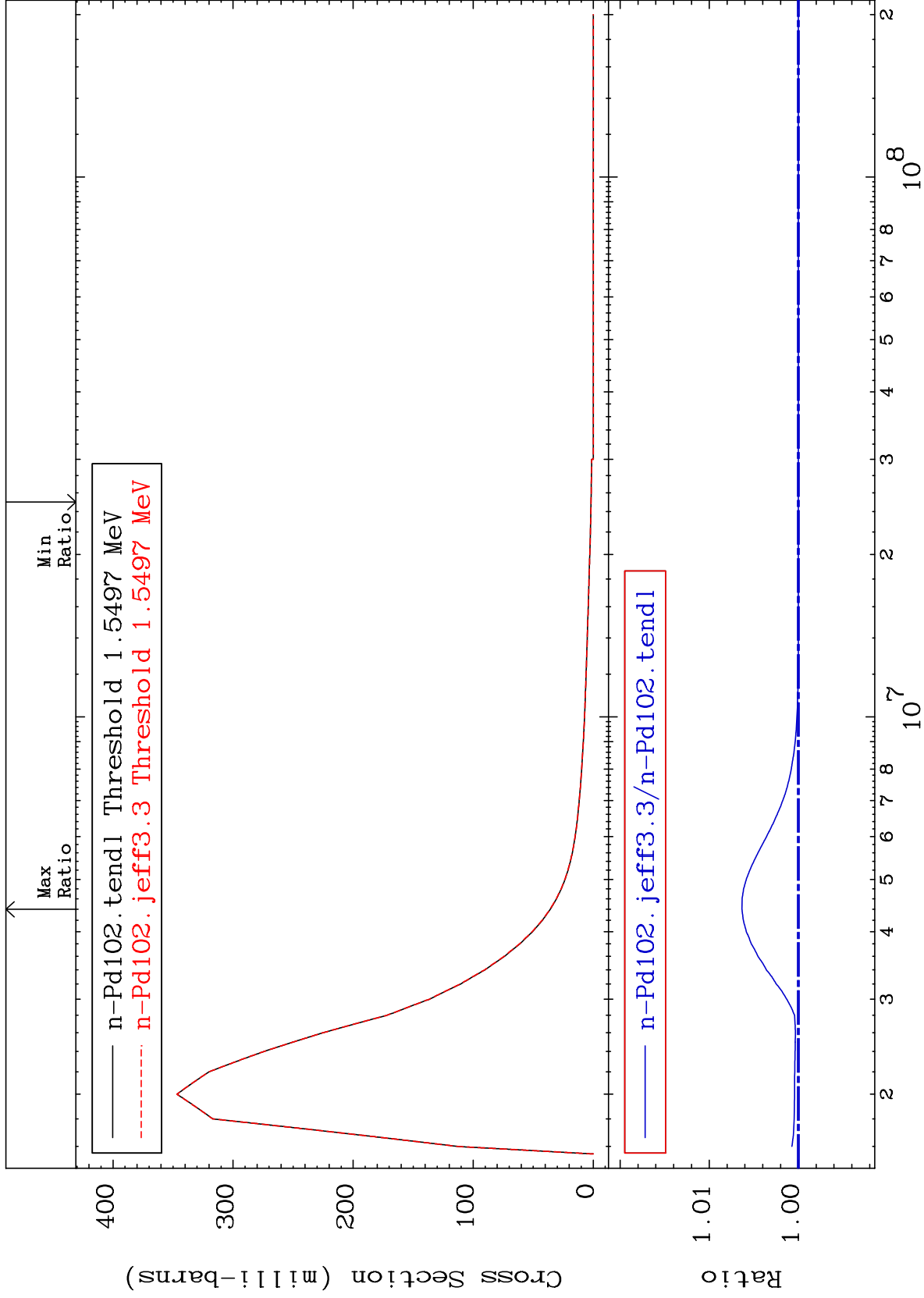
Incident Energy (eV)

46-Pd-102

MAT 4625

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

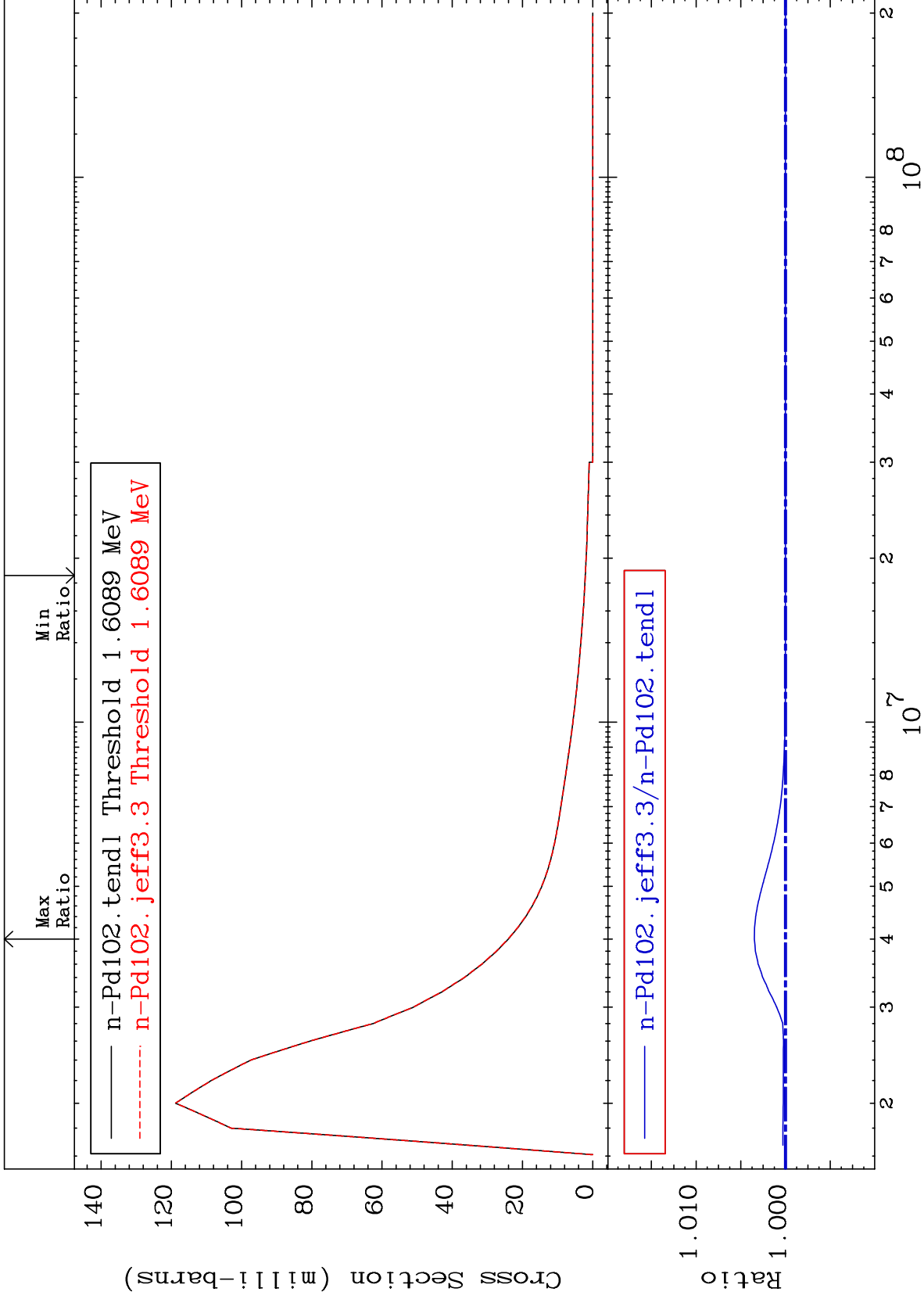
46-Pd-102  
0.000 To 0.634 %



MAT 4625

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

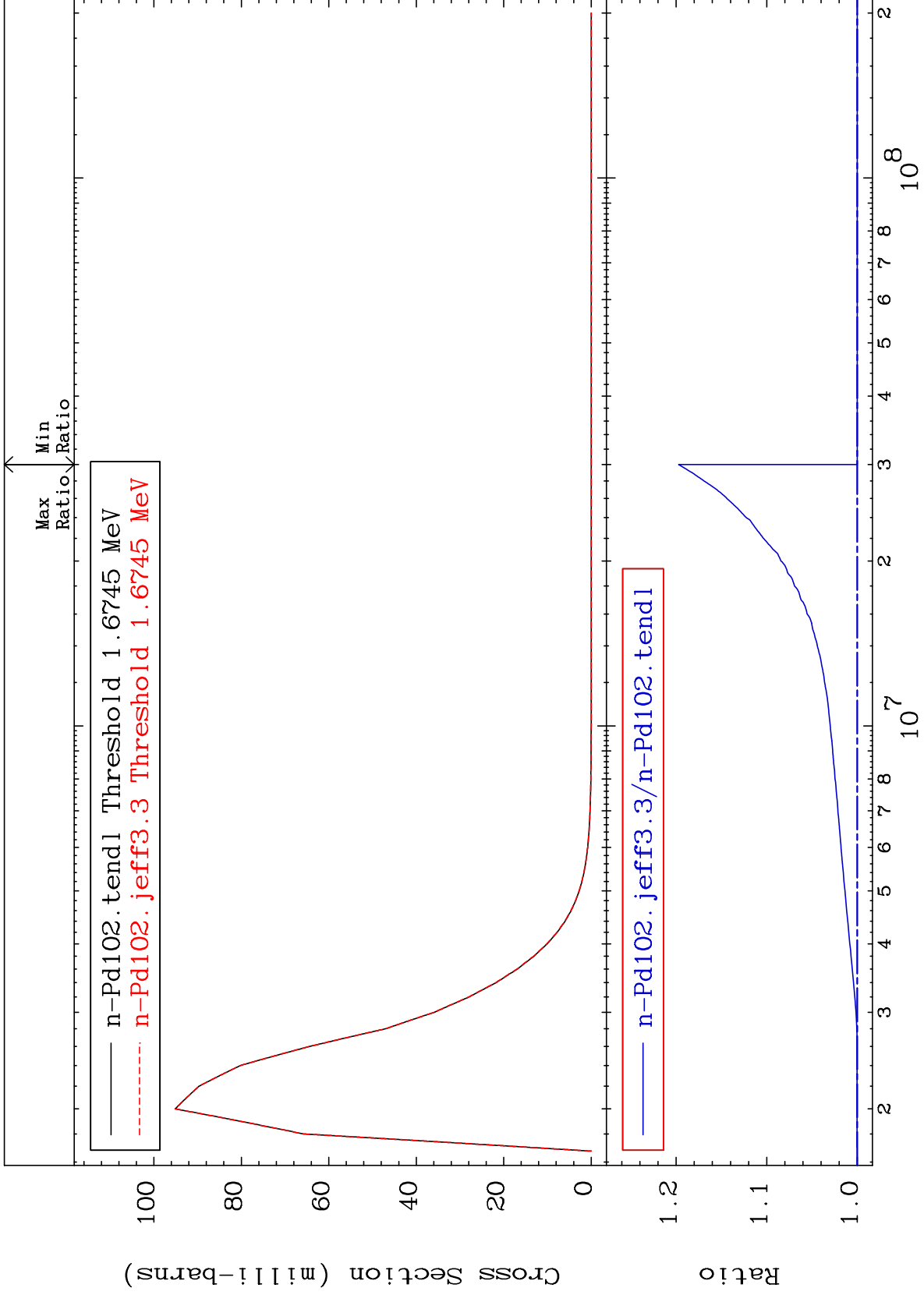
46-Pd-102  
0.000 To 0.349 %



MAT 4625

MT= 55 (n,n') Level  
Cross Section

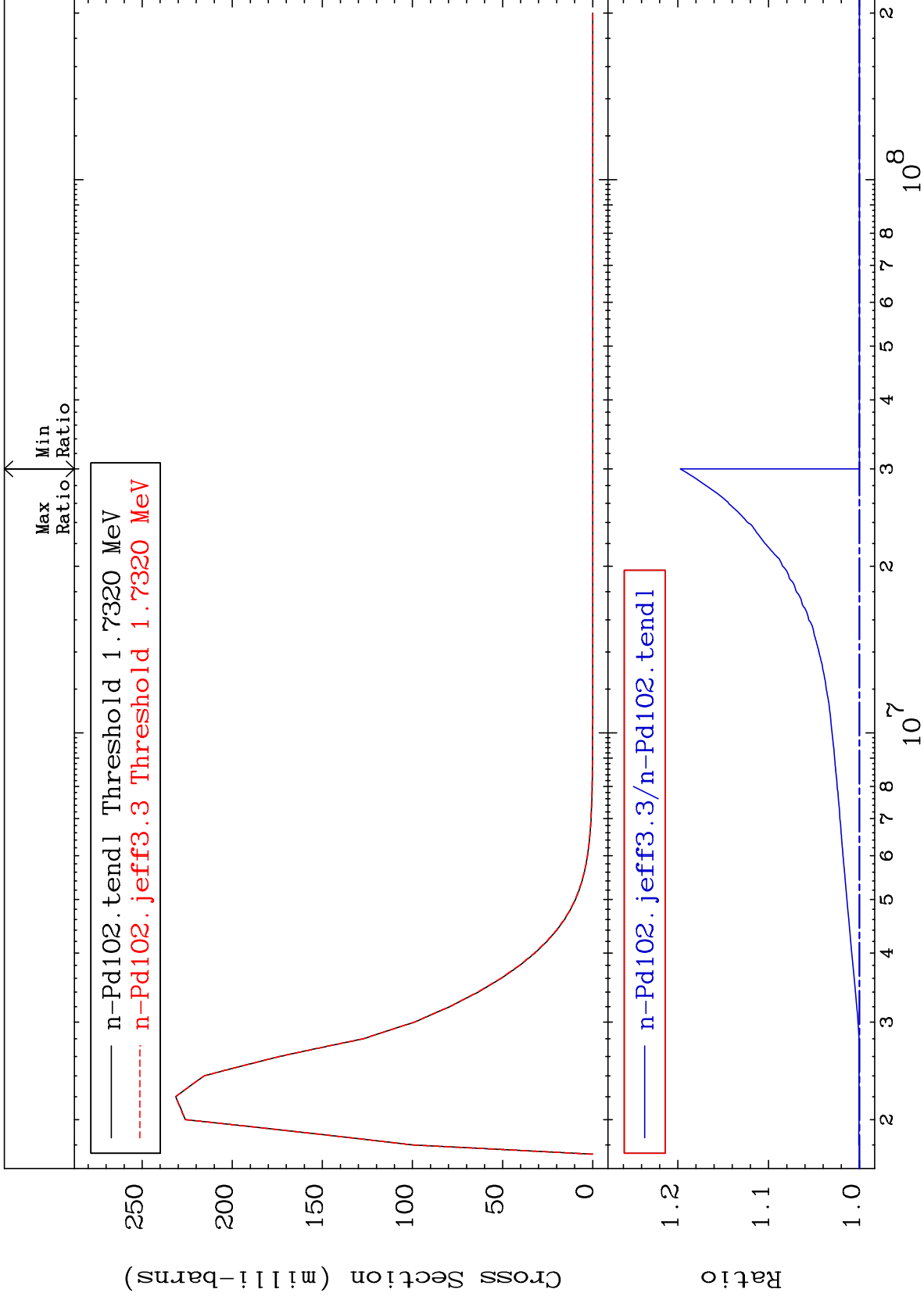
46-Pd-102  
To 19.73 %



MAT 4625

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

46-Pd-102  
To 19.72 %

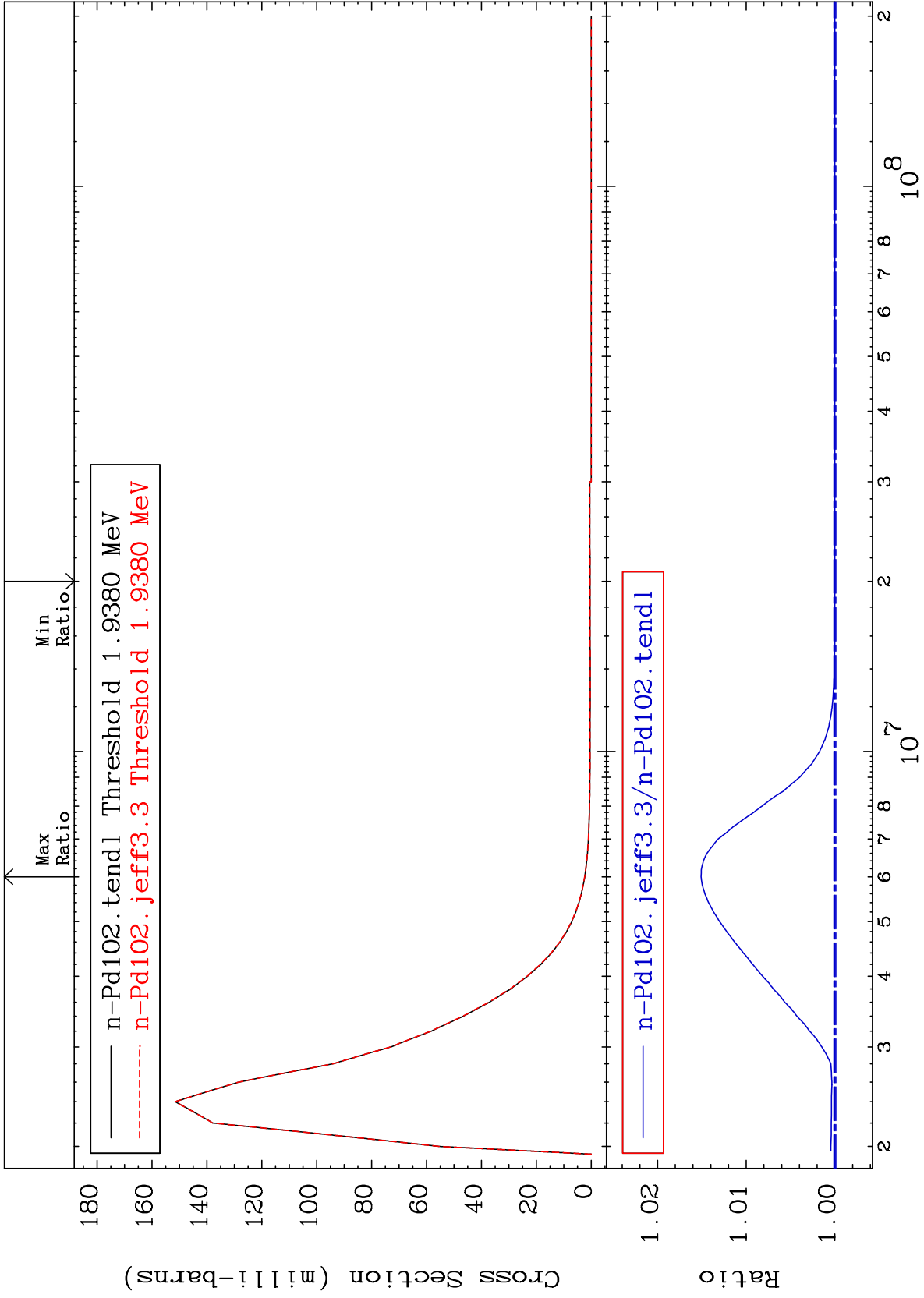




MAT 4625

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

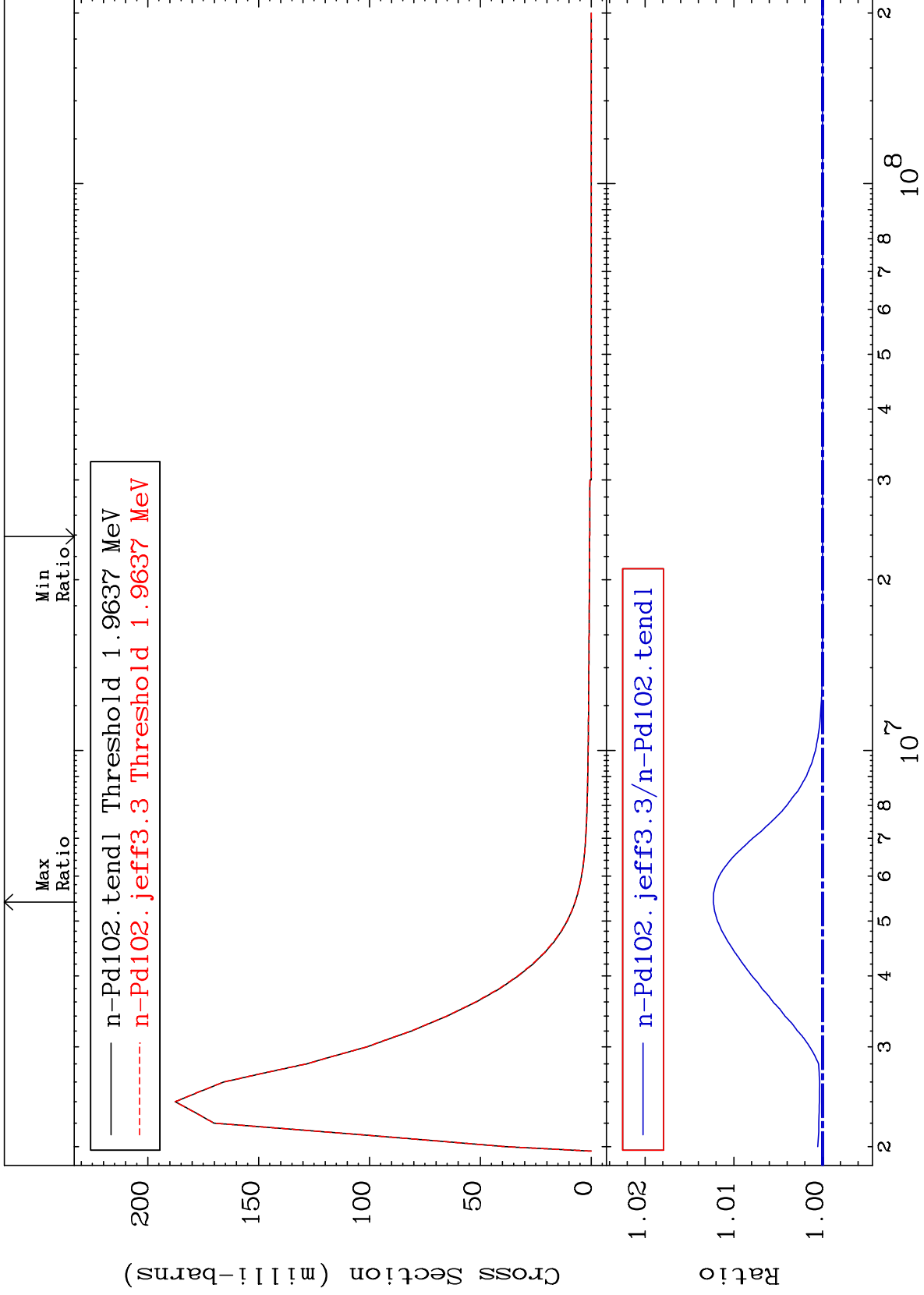
46-Pd-102  
To 1.510 %



MAT 4625

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

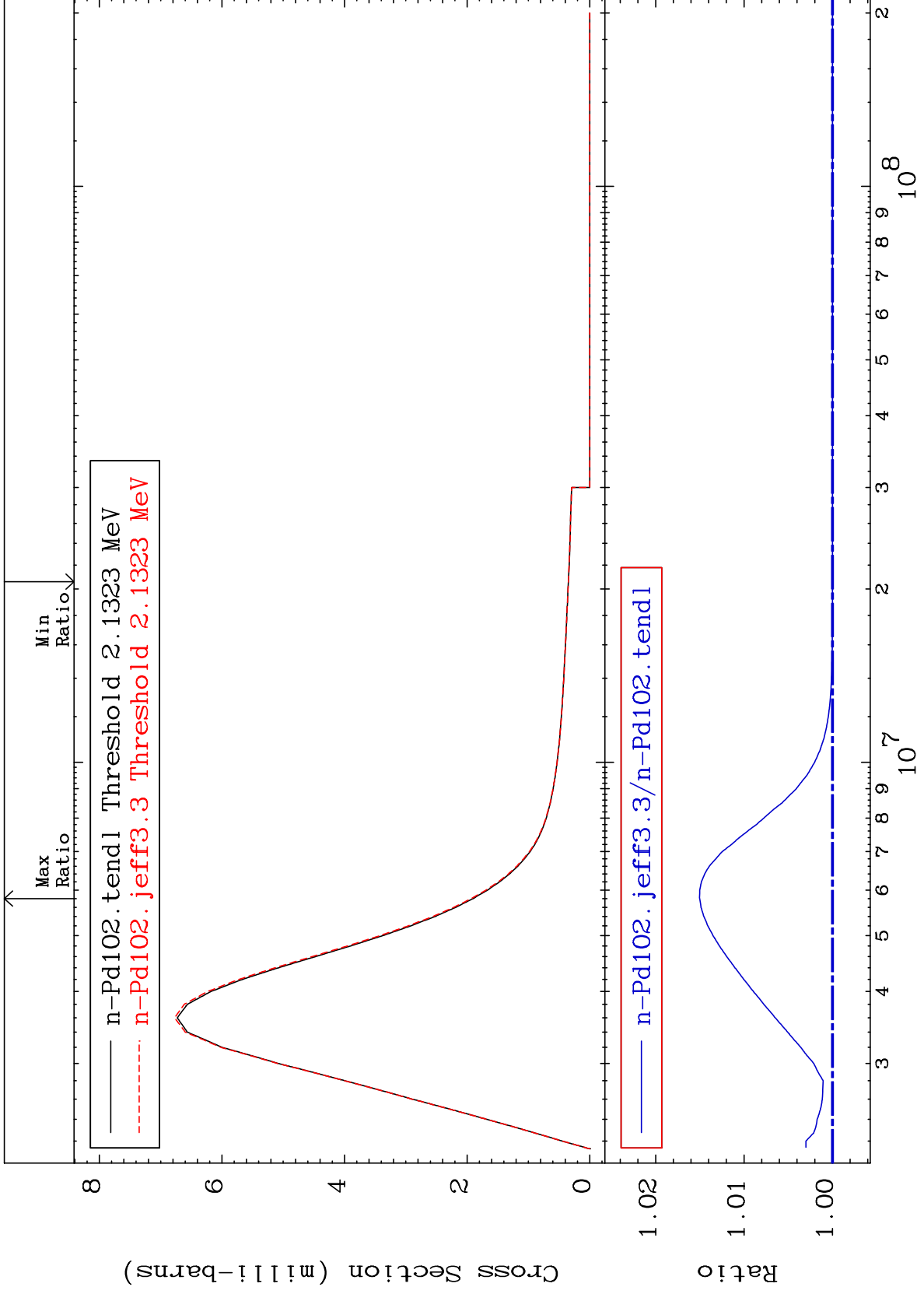
46-Pd-102  
To 1.231 %



MAT 4625

MT= 59 (n,n') Level  
Cross Section

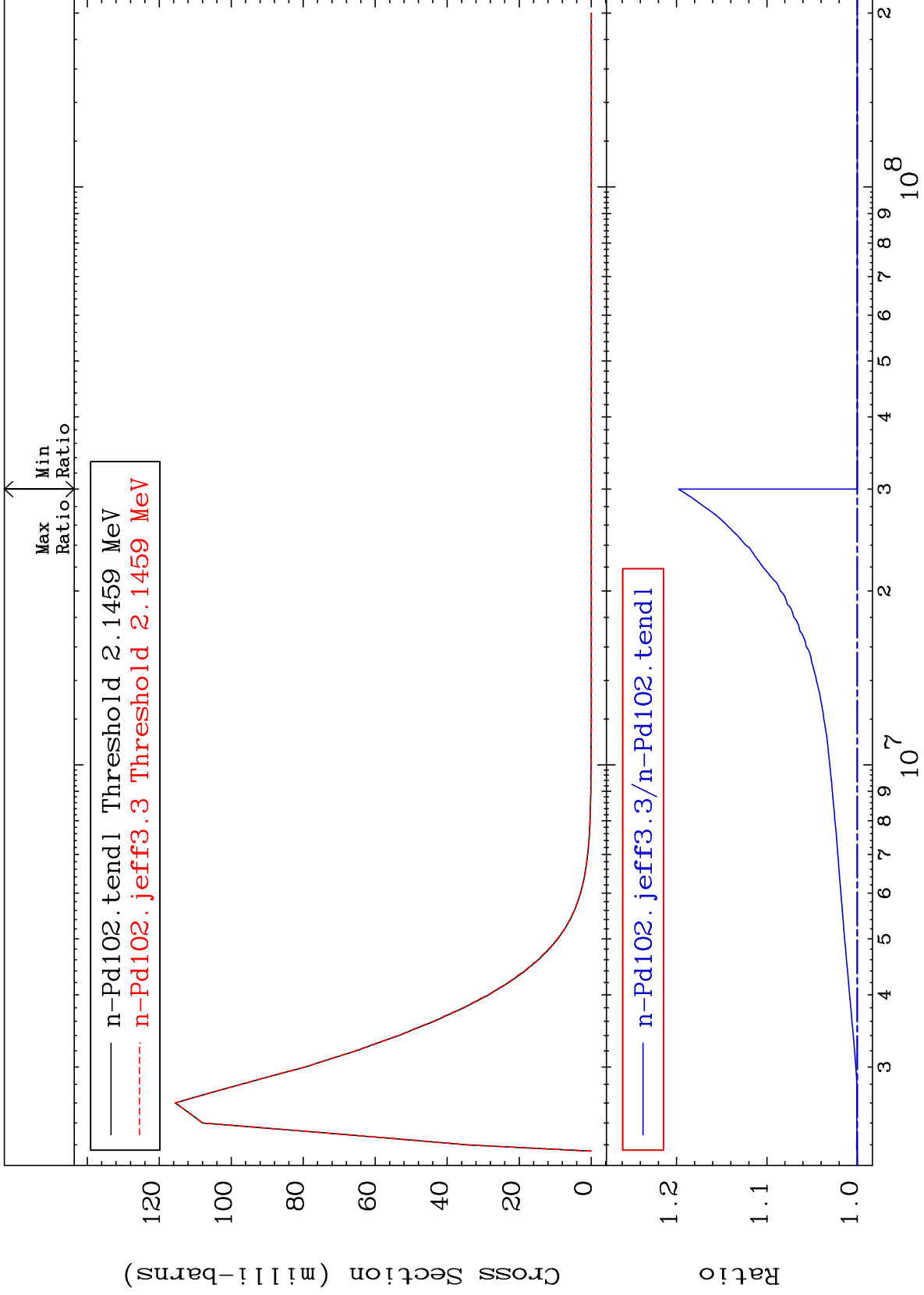
46-Pd-102  
To 1.503 %



MAT 4625

MT= 60 (n,n') Level  
Cross Section

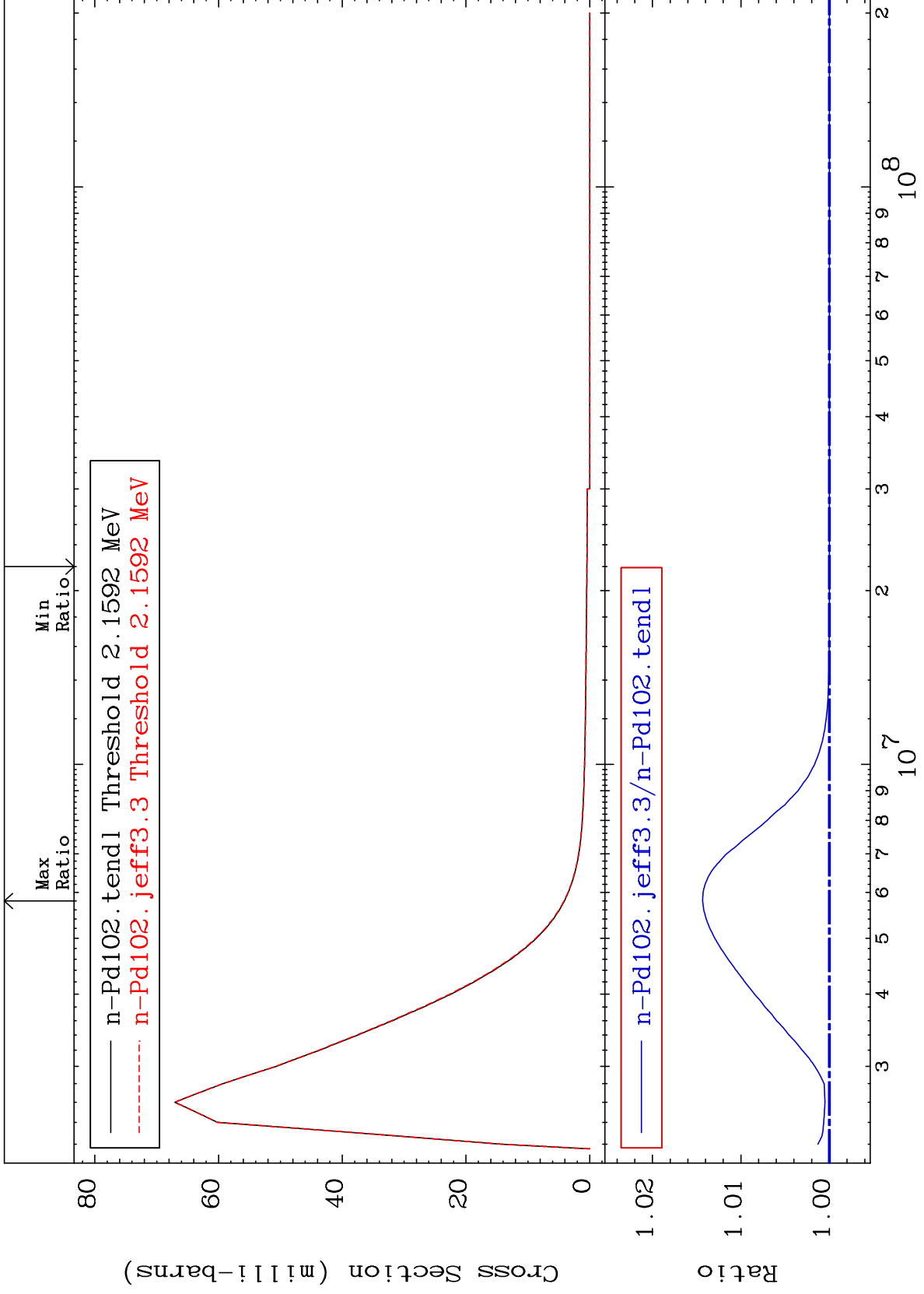
46-Pd-102  
To 19.77 %



MAT 4625

MT= 61 (n,n') Level  
Cross Section

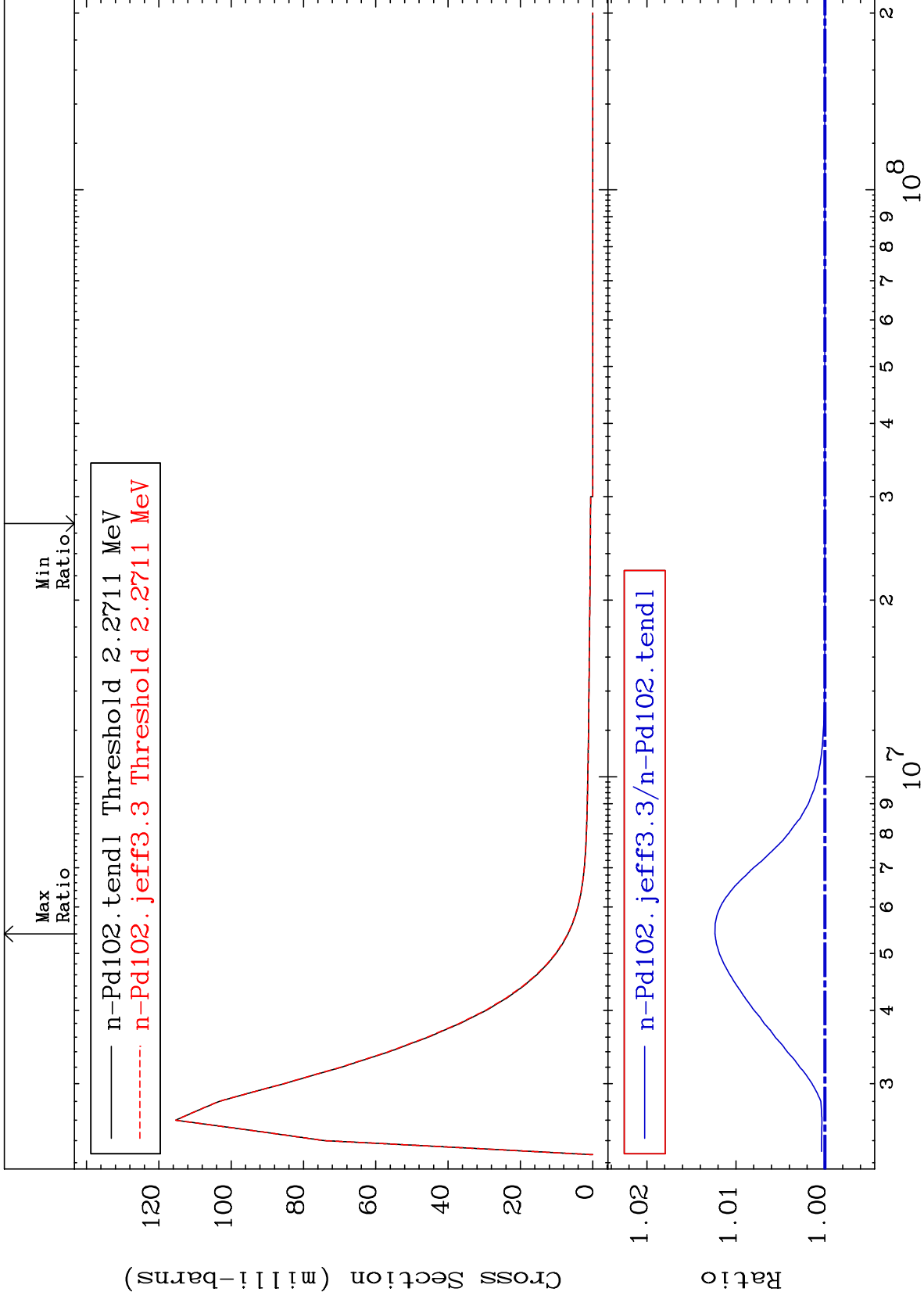
46-Pd-102  
0.000 To 1.433 %



MAT 4625

MT= 62 (n, n') Level  
Cross Section

46-Pd-102  
To 1.236 %



30

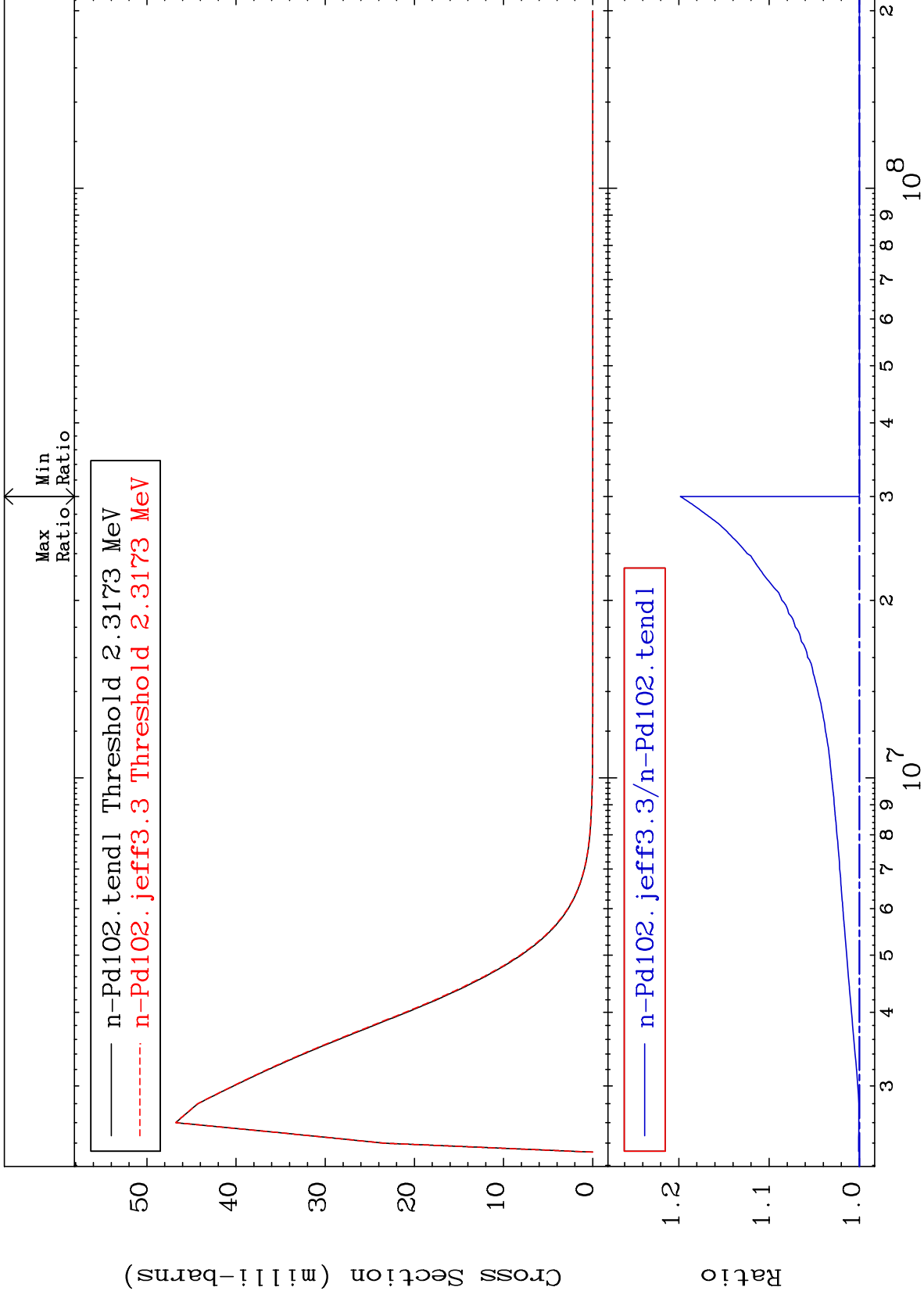
Incident Energy (eV)

46-Pd-102

MAT 4625

MT= 63 (n,n') Level  
Cross Section

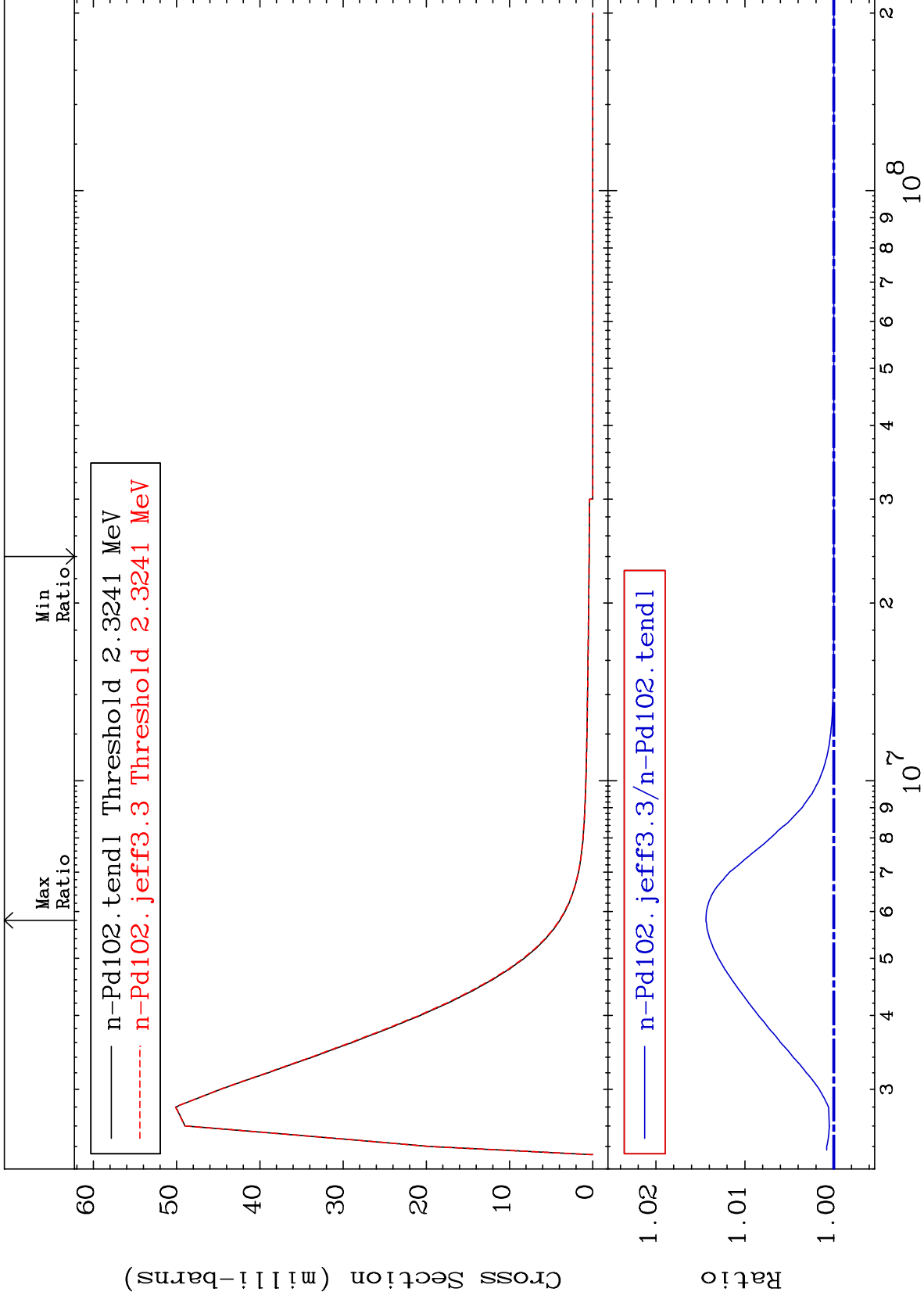
46-Pd-102  
To 19.83 %



MAT 4625

MT= 64 (n,n') Level  
Cross Section

46-Pd-102  
To 1.437 %

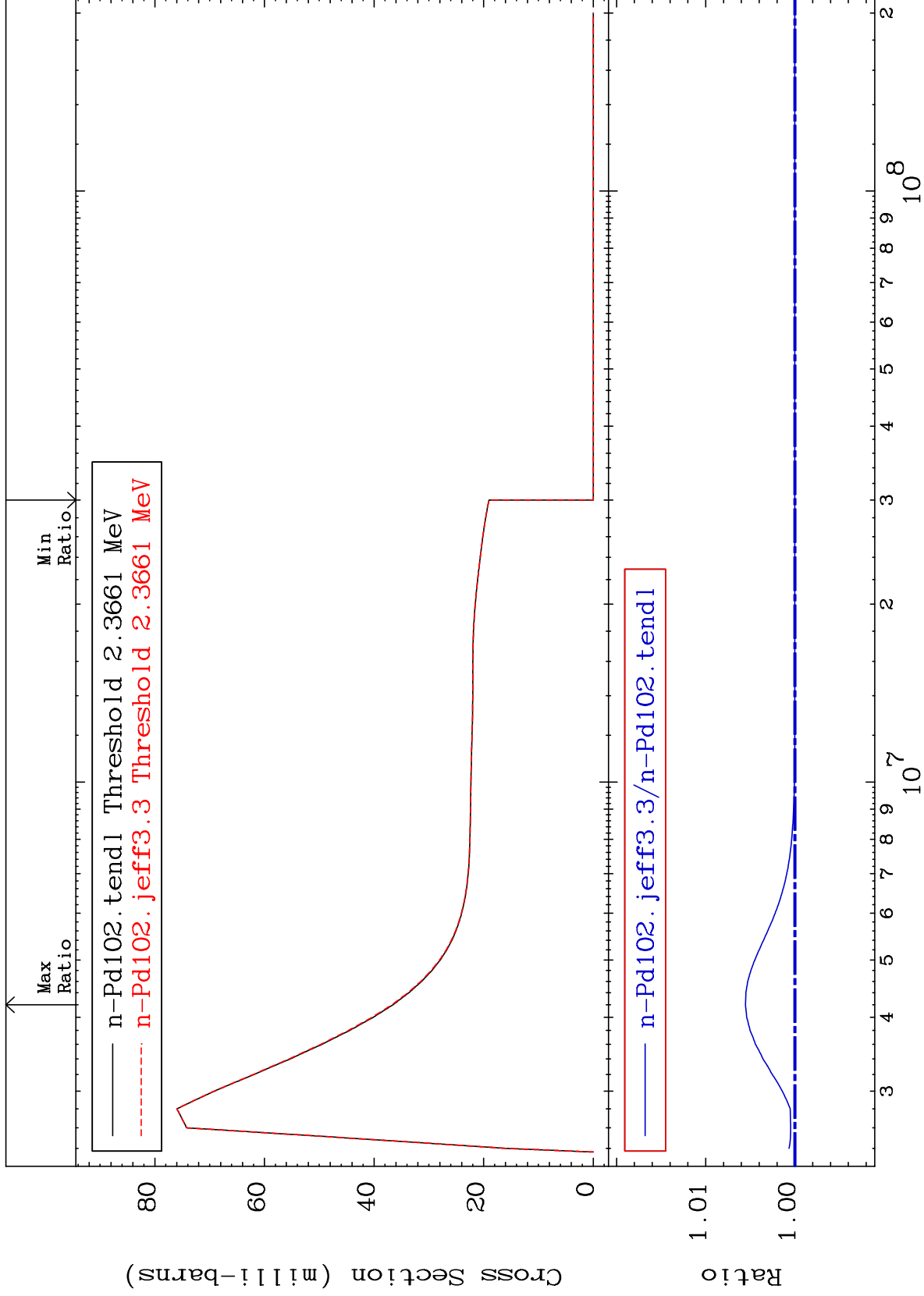




MAT 4625

MT= 65 (n,n') Level  
Cross Section

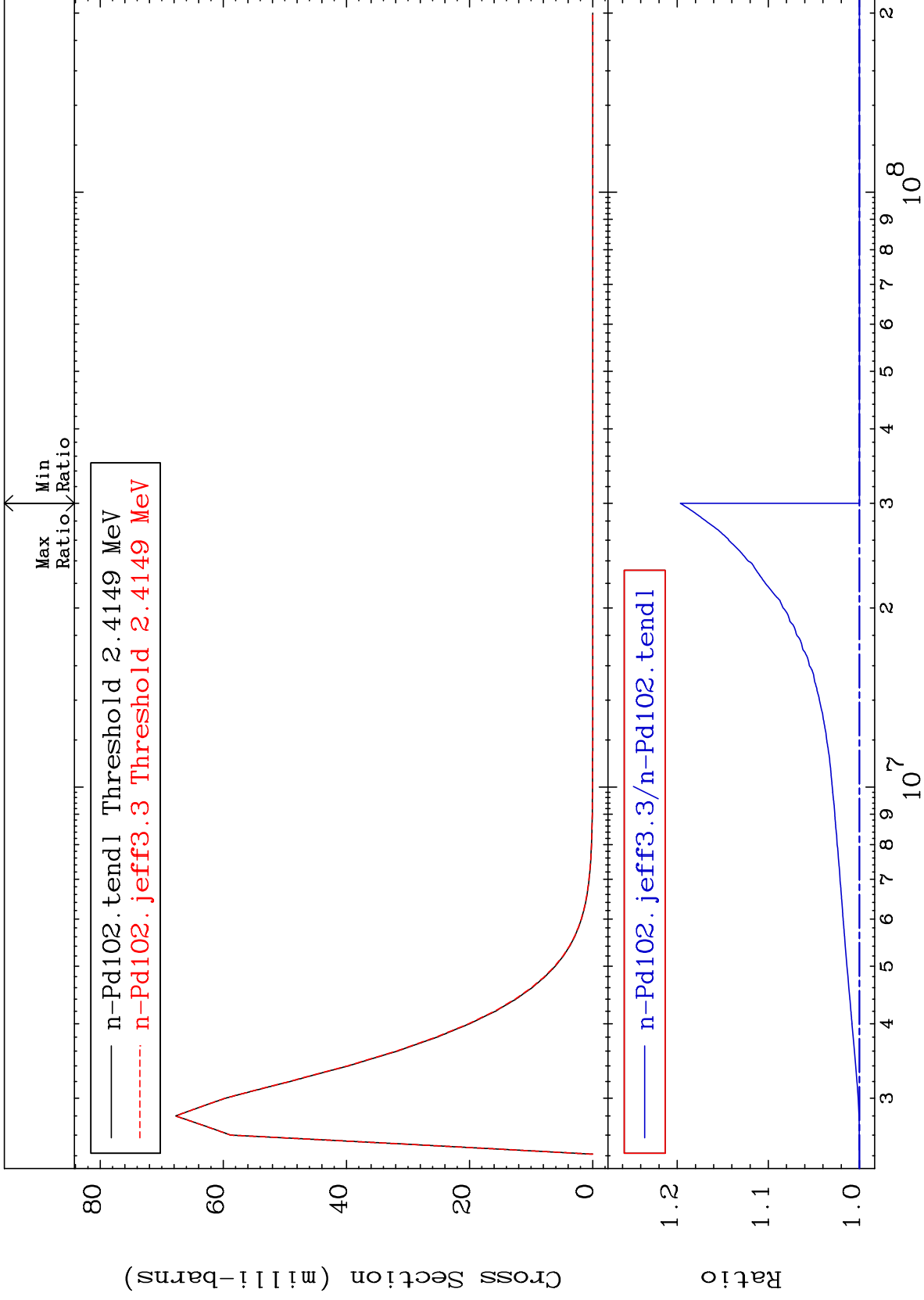
46-Pd-102  
0.000 To 0.555 %



MAT 4625

MT= 66 (n,n') Level  
Cross Section

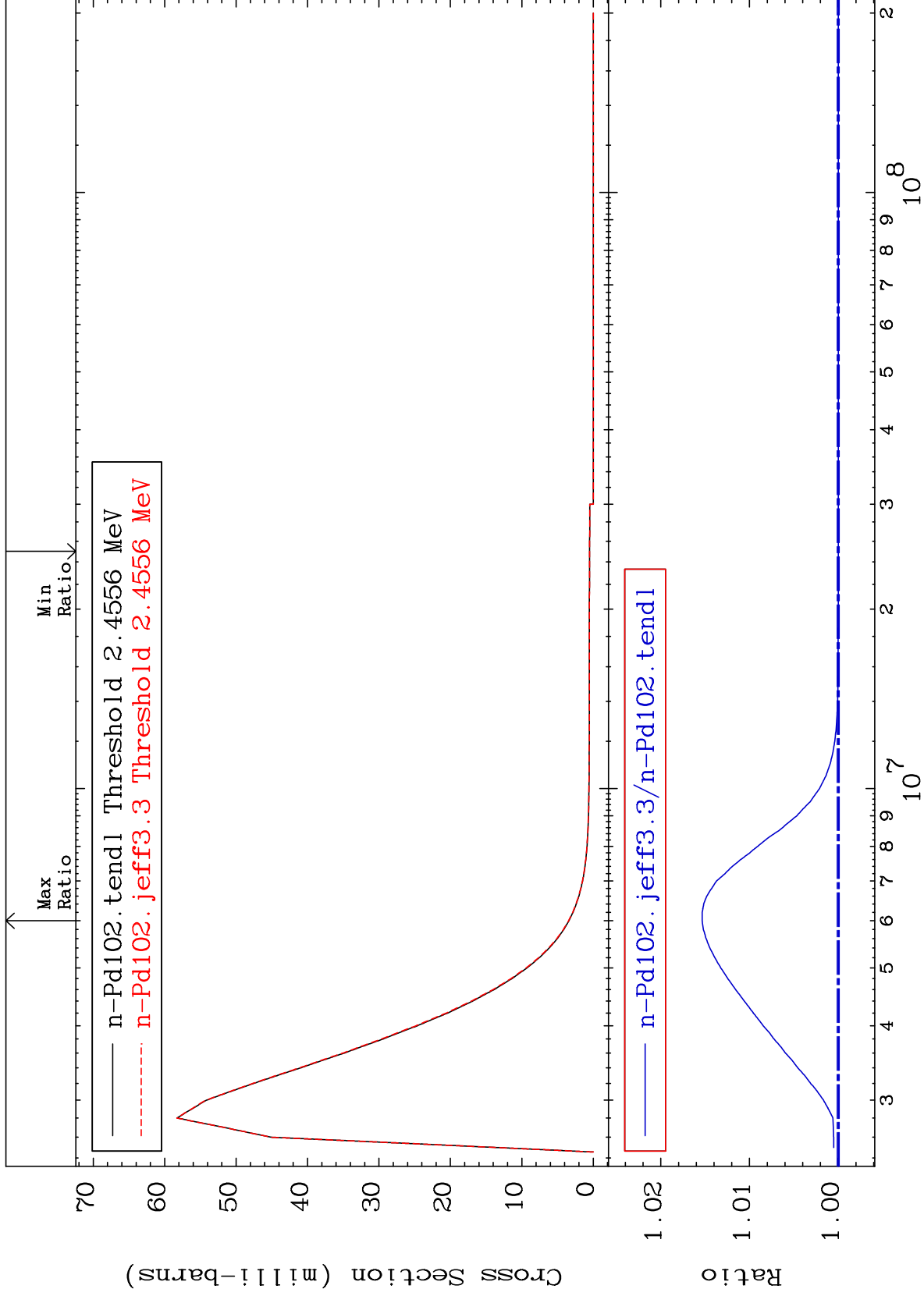
46-Pd-102  
To 19.66 %



MAT 4625

MT= 67 (n,n') Level  
Cross Section

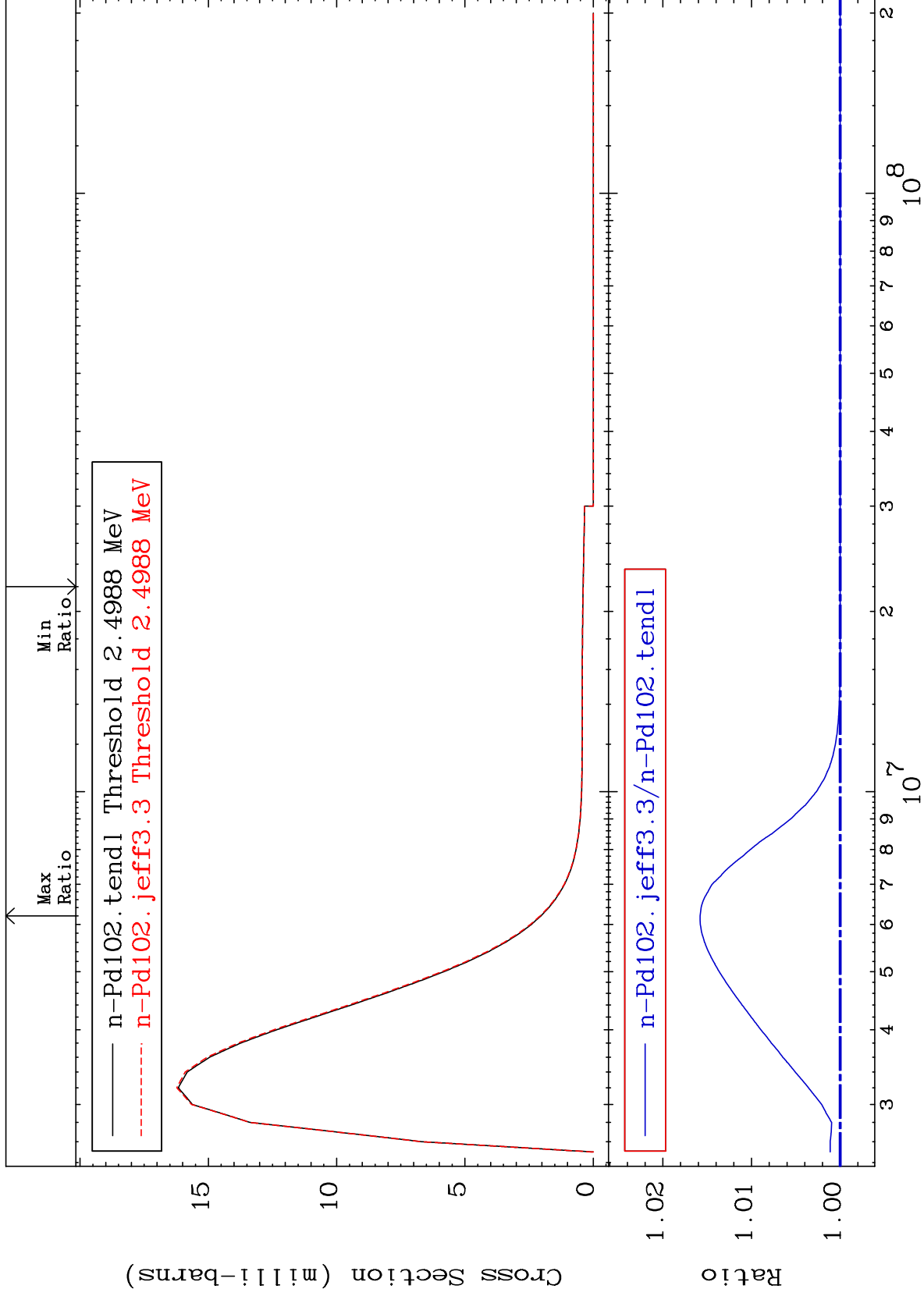
46-Pd-102  
To 1.535 %



MAT 4625

MT= 68 (n,n') Level  
Cross Section

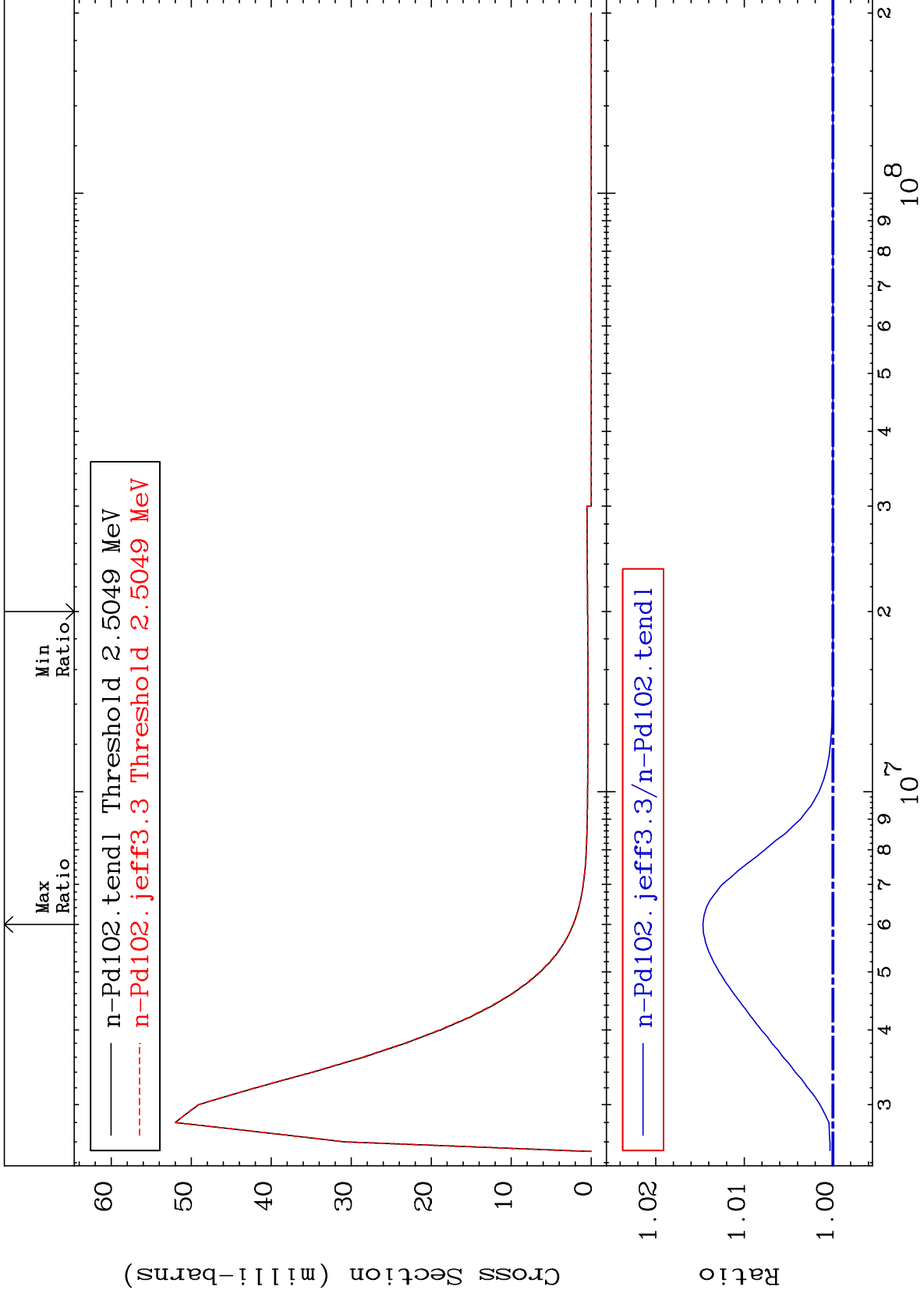
46-Pd-102  
To 1.580 %



MAT 4625

MT= 69 (n,n') Level  
Cross Section

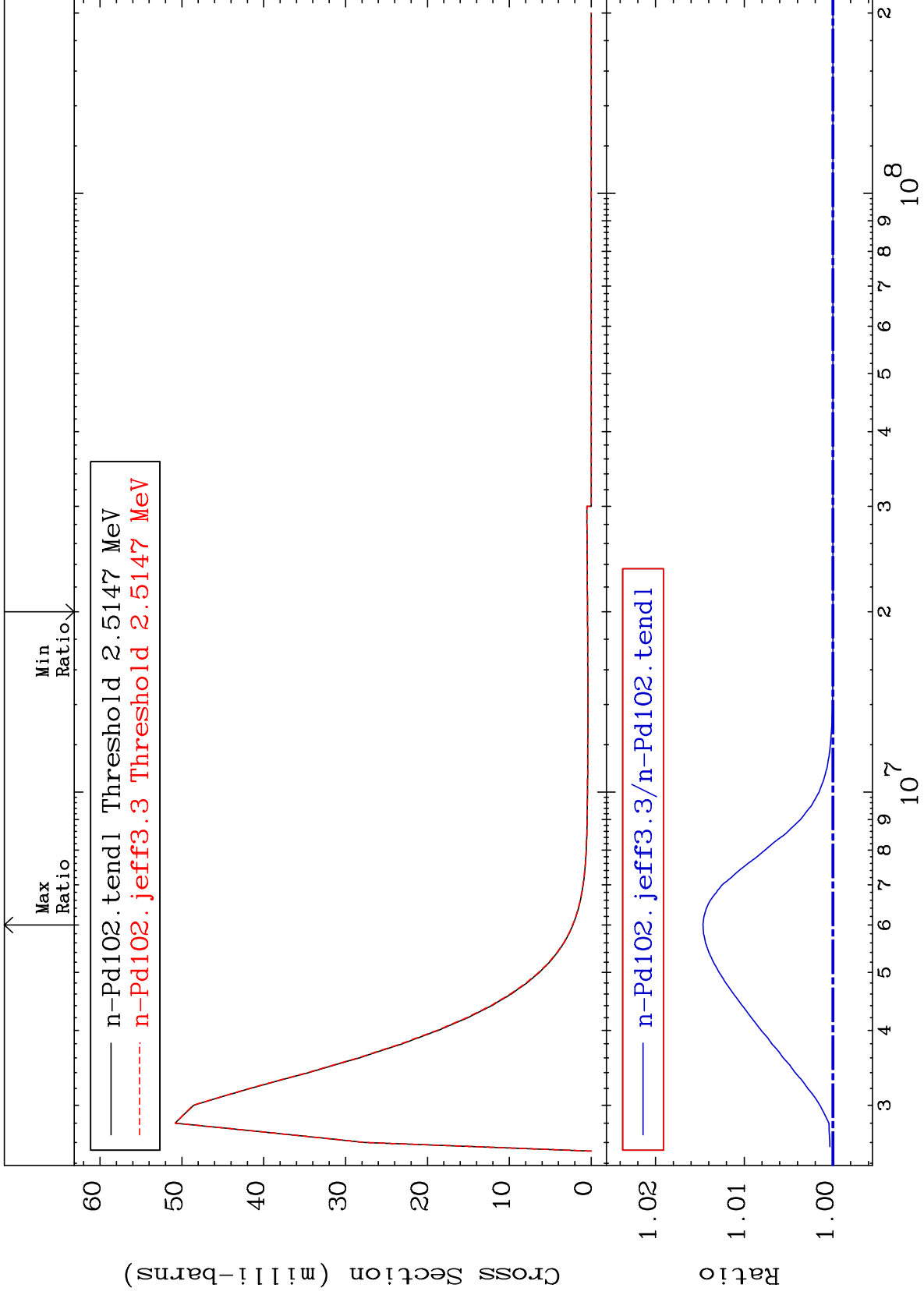
46-Pd-102  
To 1.467 %



MAT 4625

MT= 70 (n,n') Level  
Cross Section

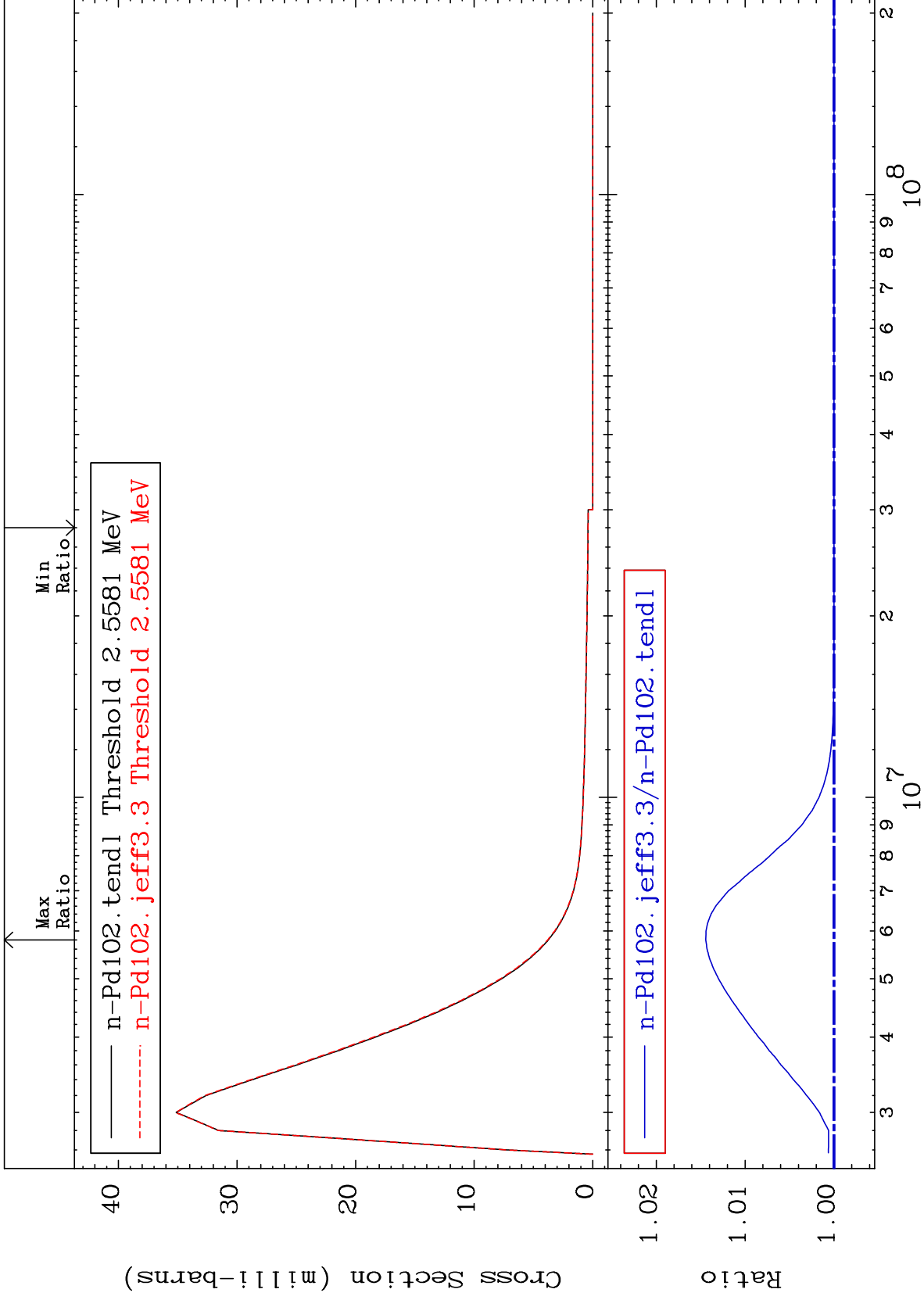
46-Pd-102  
To 1.466 %



MAT 4625

MT= 71 (n,n') Level  
Cross Section

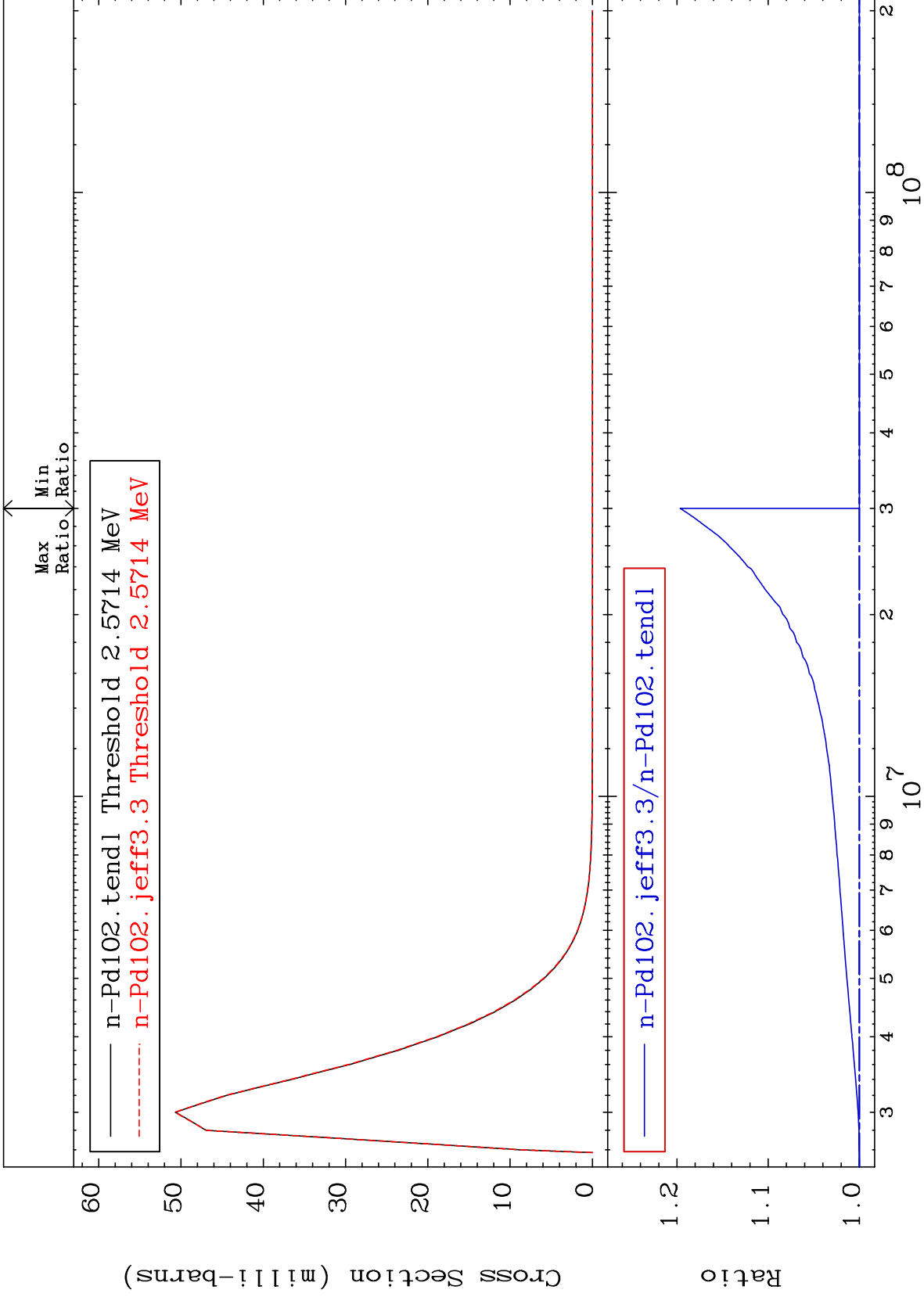
46-Pd-102  
To 1.443 %



MAT 4625

MT= 72 (n,n') Level  
Cross Section

46-Pd-102  
To 19.65 %



40

Incident Energy (eV)

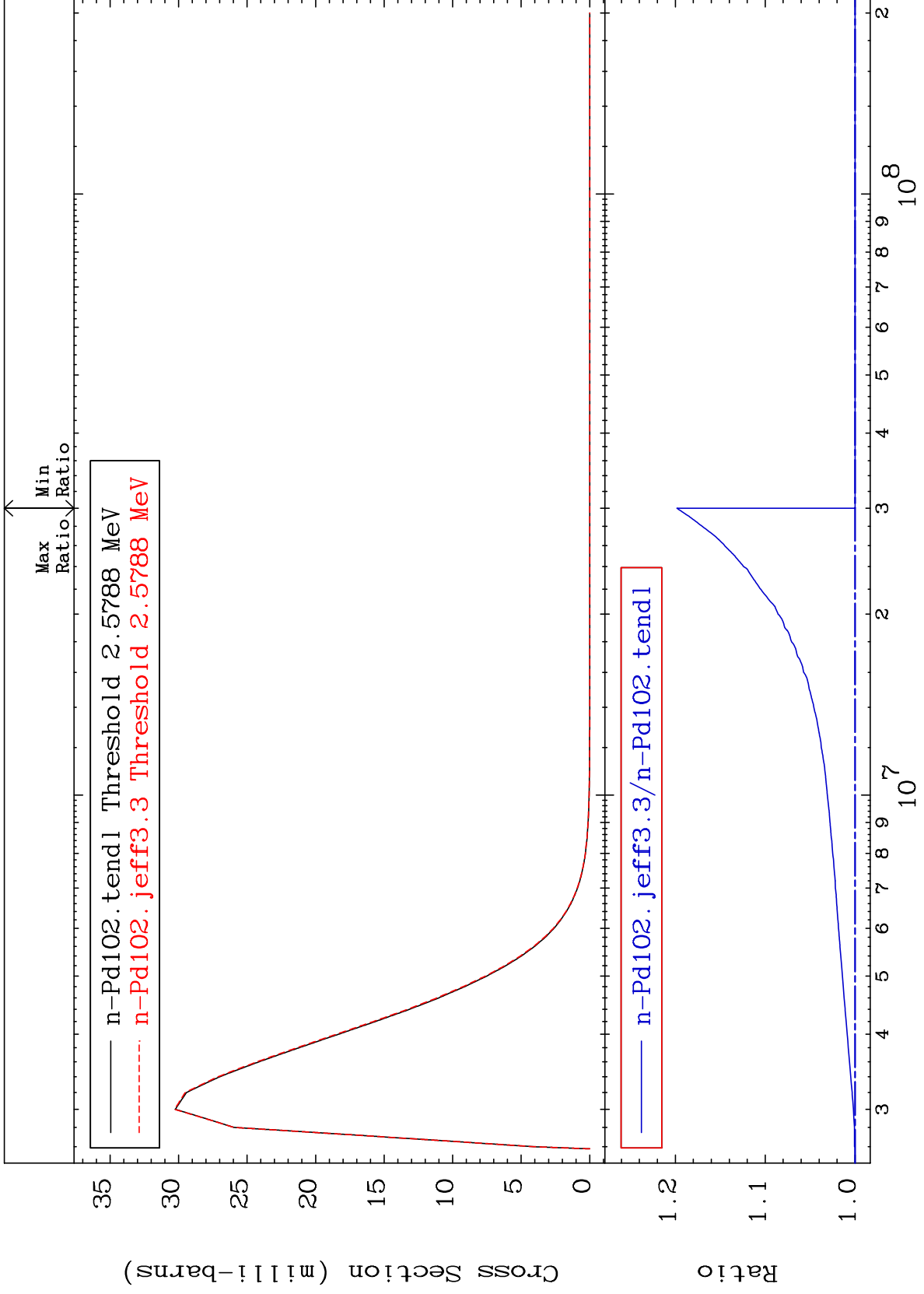
46-Pd-102



MAT 4625

MT= 73 (n,n') Level  
Cross Section

46-Pd-102  
0.000 To 19.83 %



41

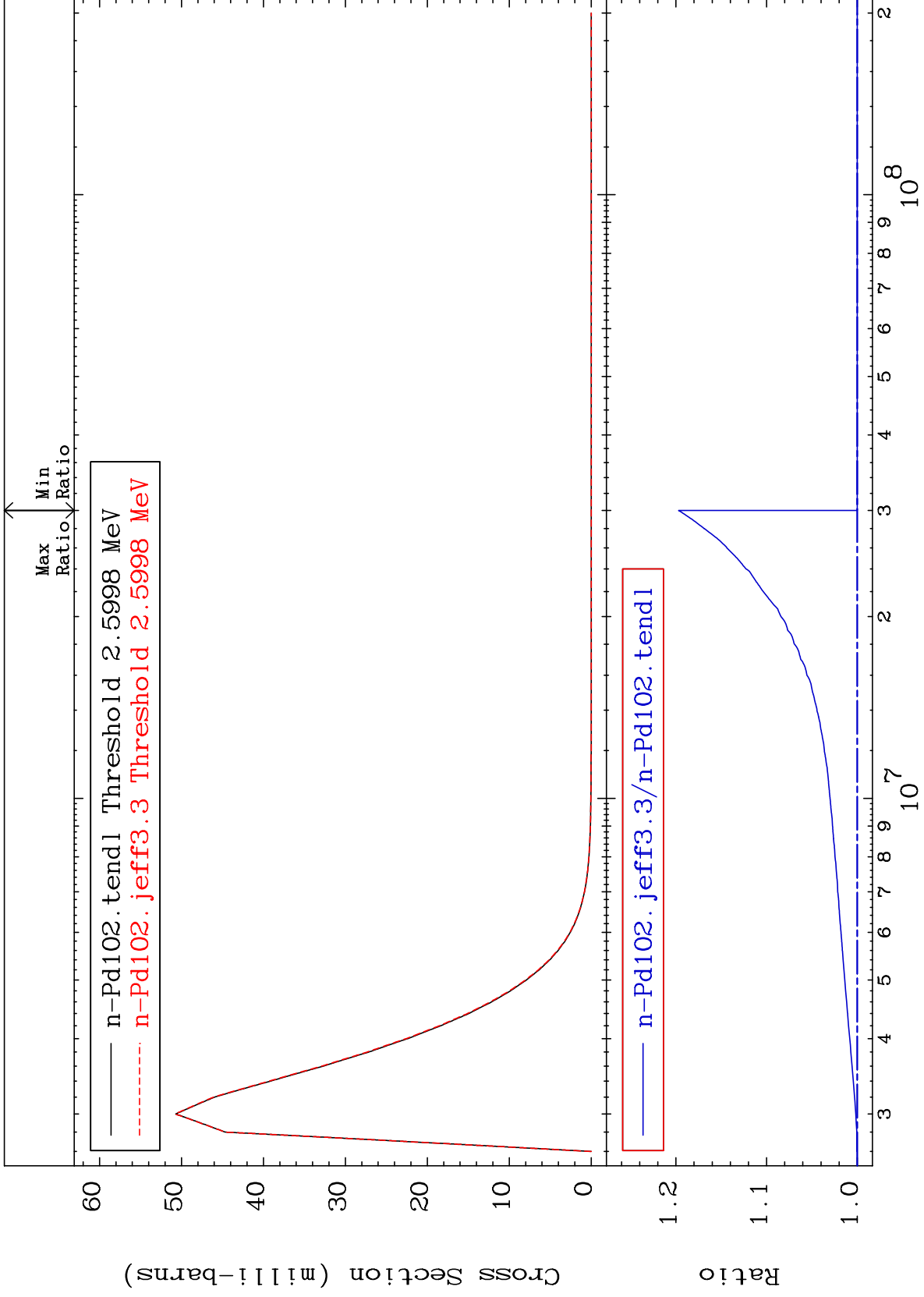
Incident Energy (eV)

46-Pd-102

MAT 4625

MT= 74 (n,n') Level  
Cross Section

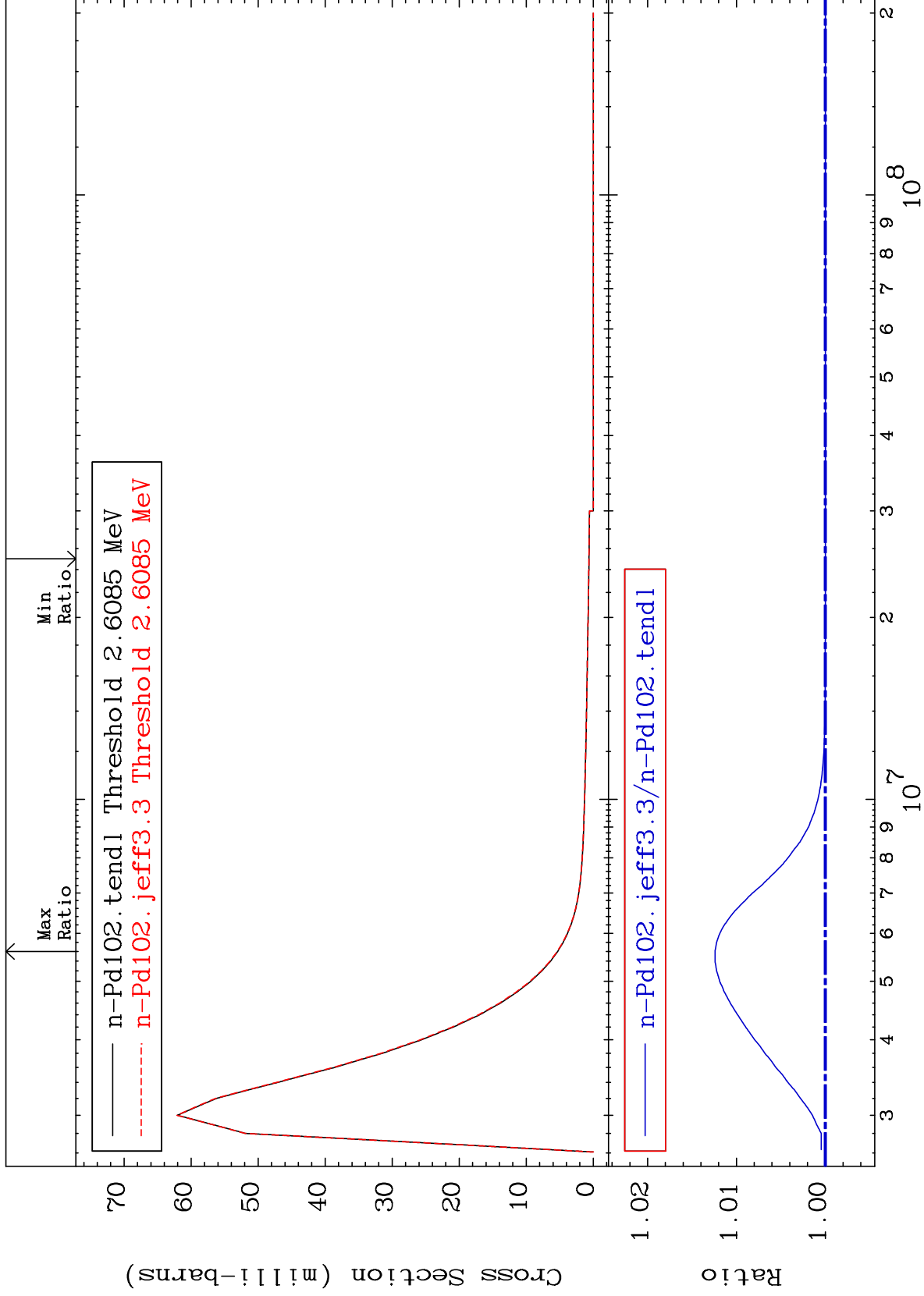
46-Pd-102  
To 19.70 %



MAT 4625

MT= 75 (n,n') Level  
Cross Section

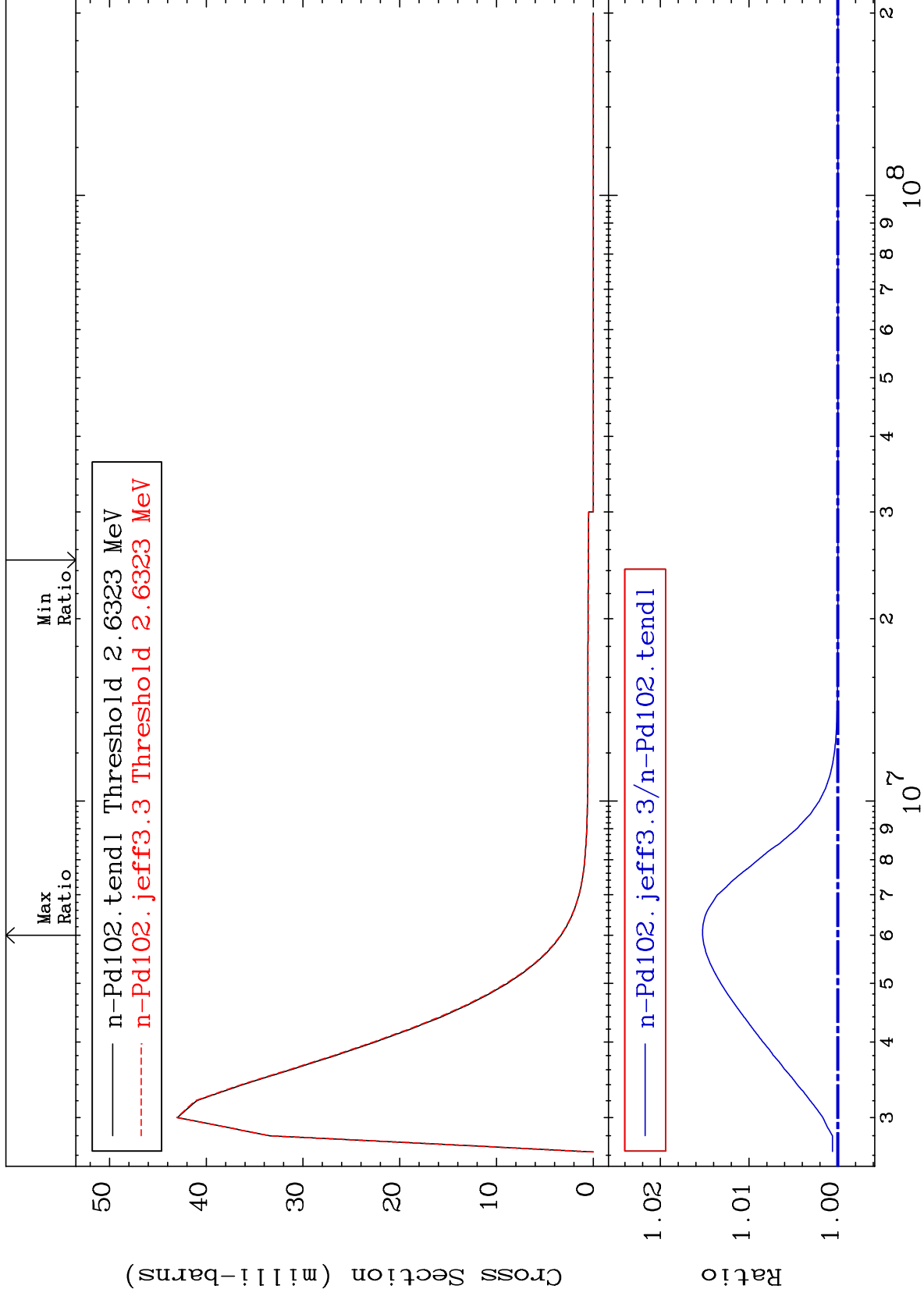
46-Pd-102  
To 1.242 %



MAT 4625

MT= 76 (n,n') Level  
Cross Section

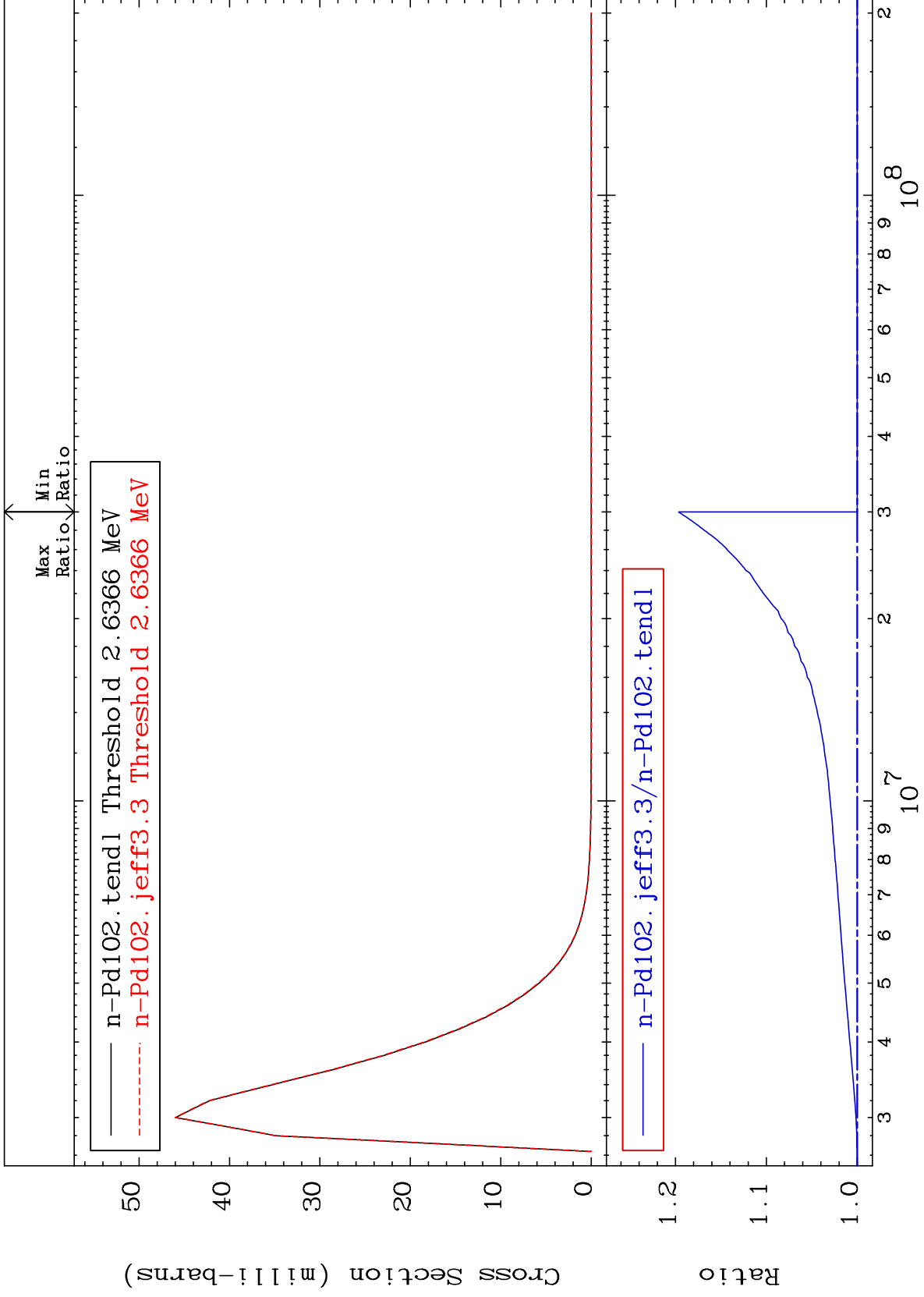
46-Pd-102  
To 1.525 %



MAT 4625

MT= 77 (n,n') Level  
Cross Section

46-Pd-102  
To 19.65 %



45

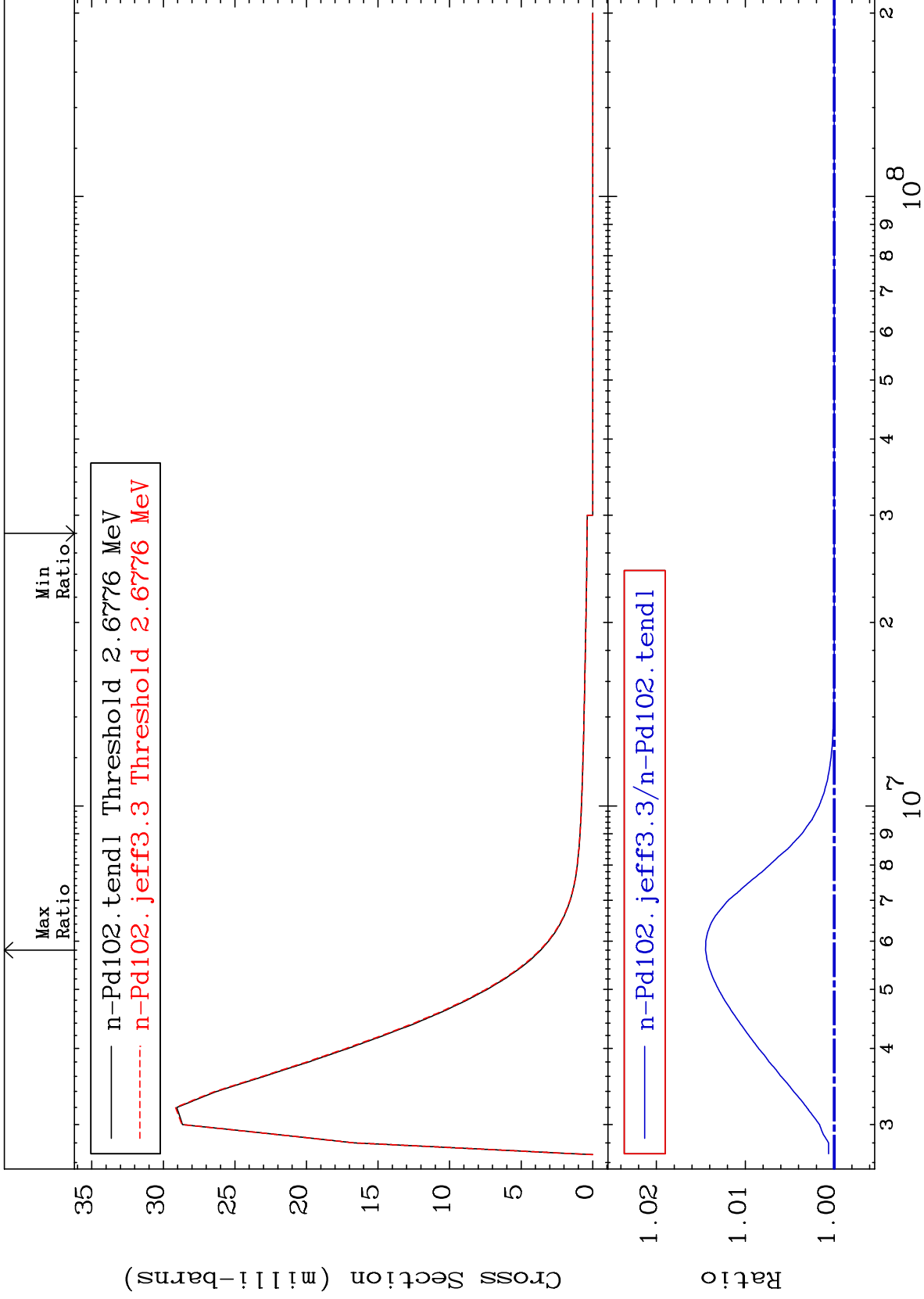
Incident Energy (eV)

46-Pd-102

MAT 4625

MT= 78 (n,n') Level  
Cross Section

46-Pd-102  
To 1.446 %



46

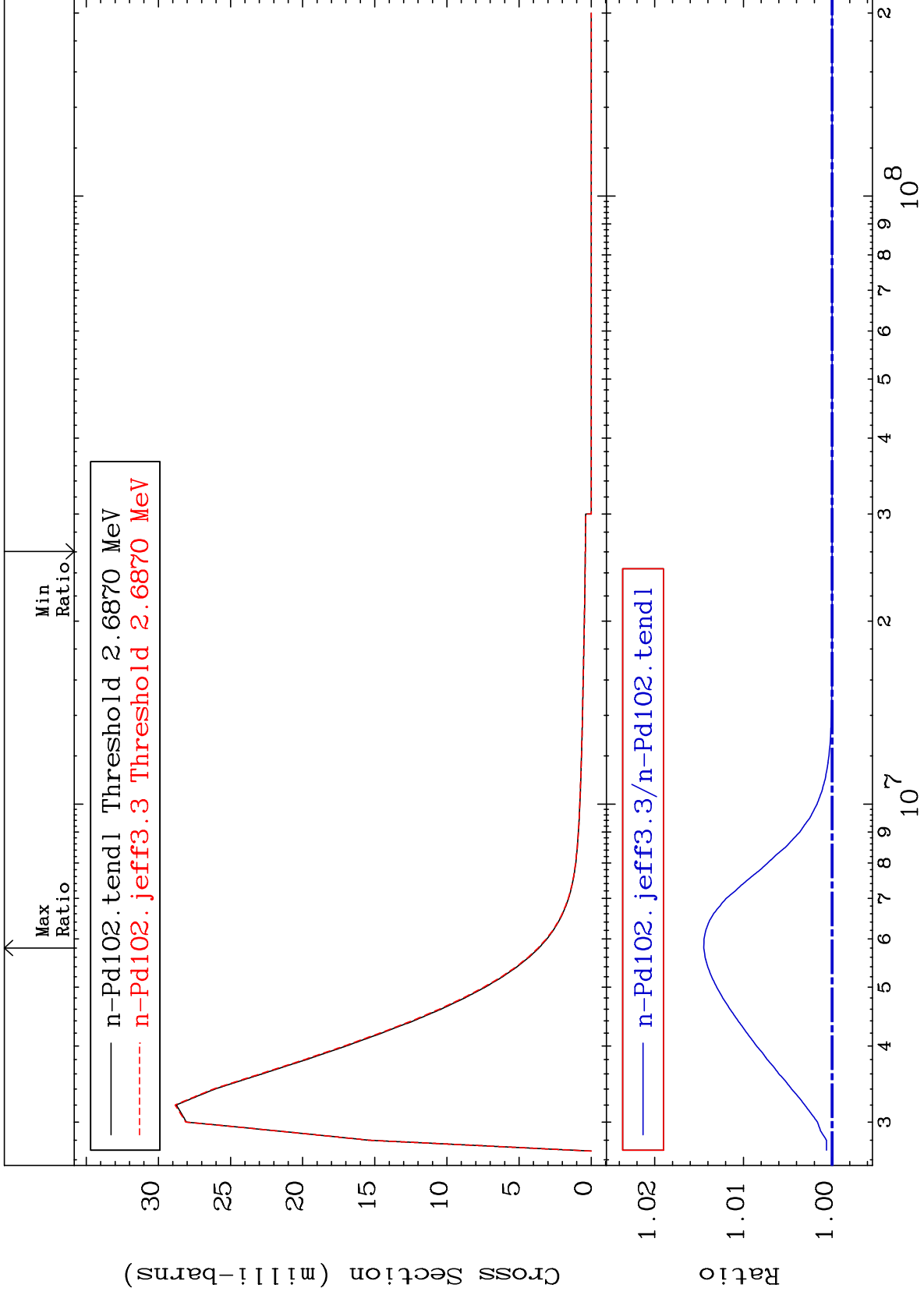
Incident Energy (eV)

46-Pd-102

MAT 4625

MT= 79 (n,n') Level  
Cross Section

46-Pd-102  
To 1.447 %



47

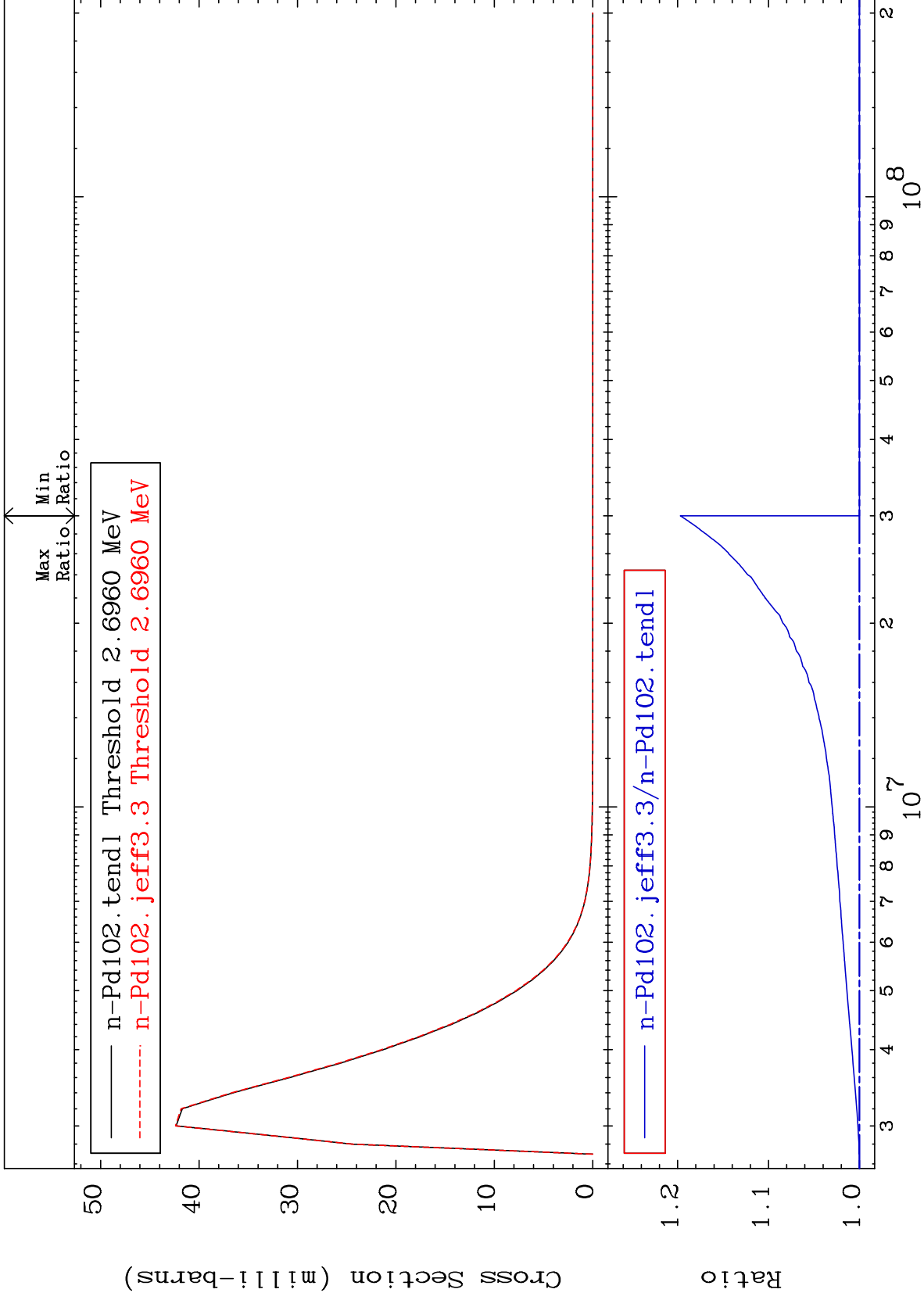
Incident Energy (eV)

46-Pd-102

MAT 4625

MT= 80 (n,n') Level  
Cross Section

46-Pd-102  
To 19.70 %



48

Incident Energy (eV)

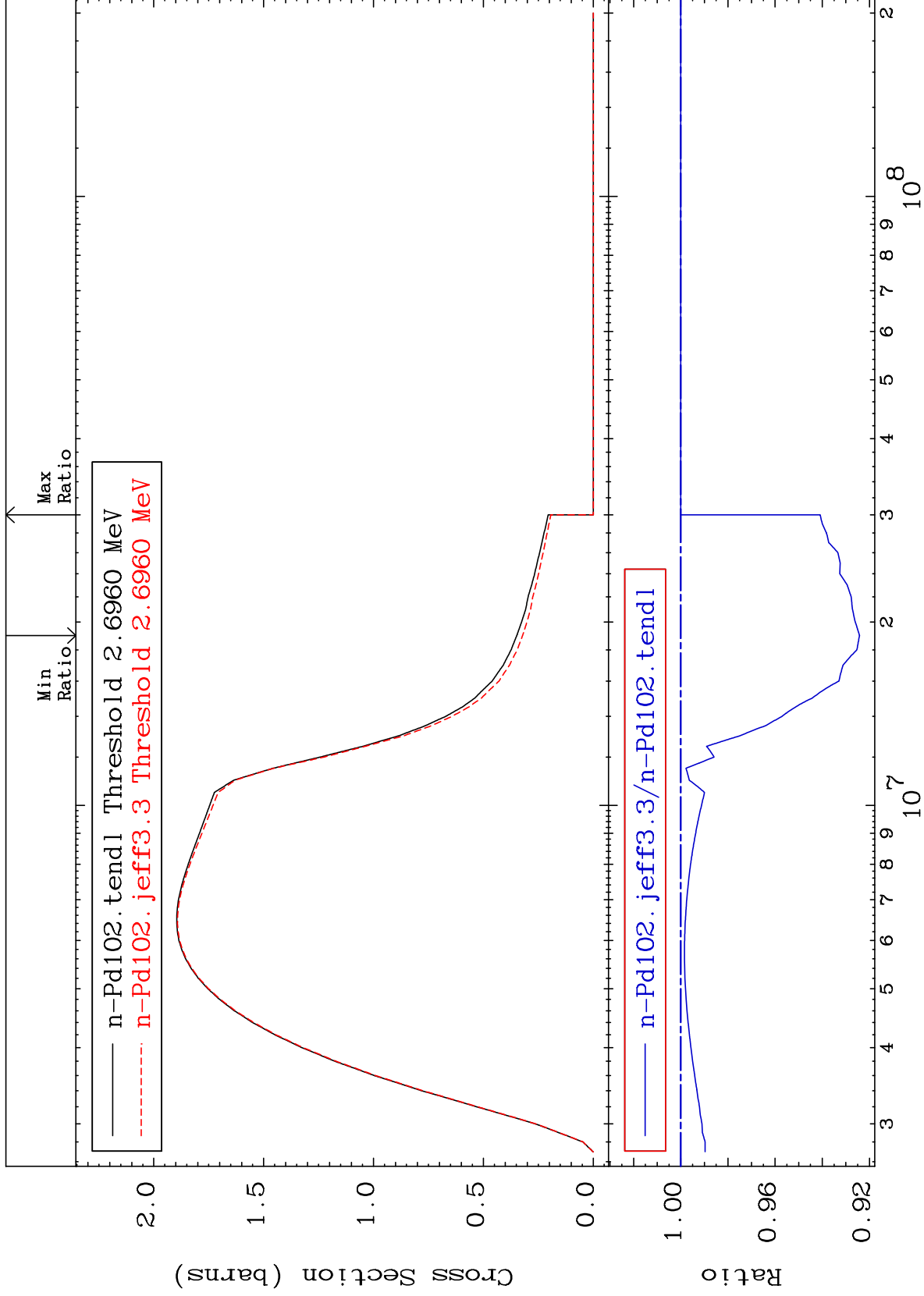
46-Pd-102



MAT 4625

(n, n') Continuum  
Cross Section

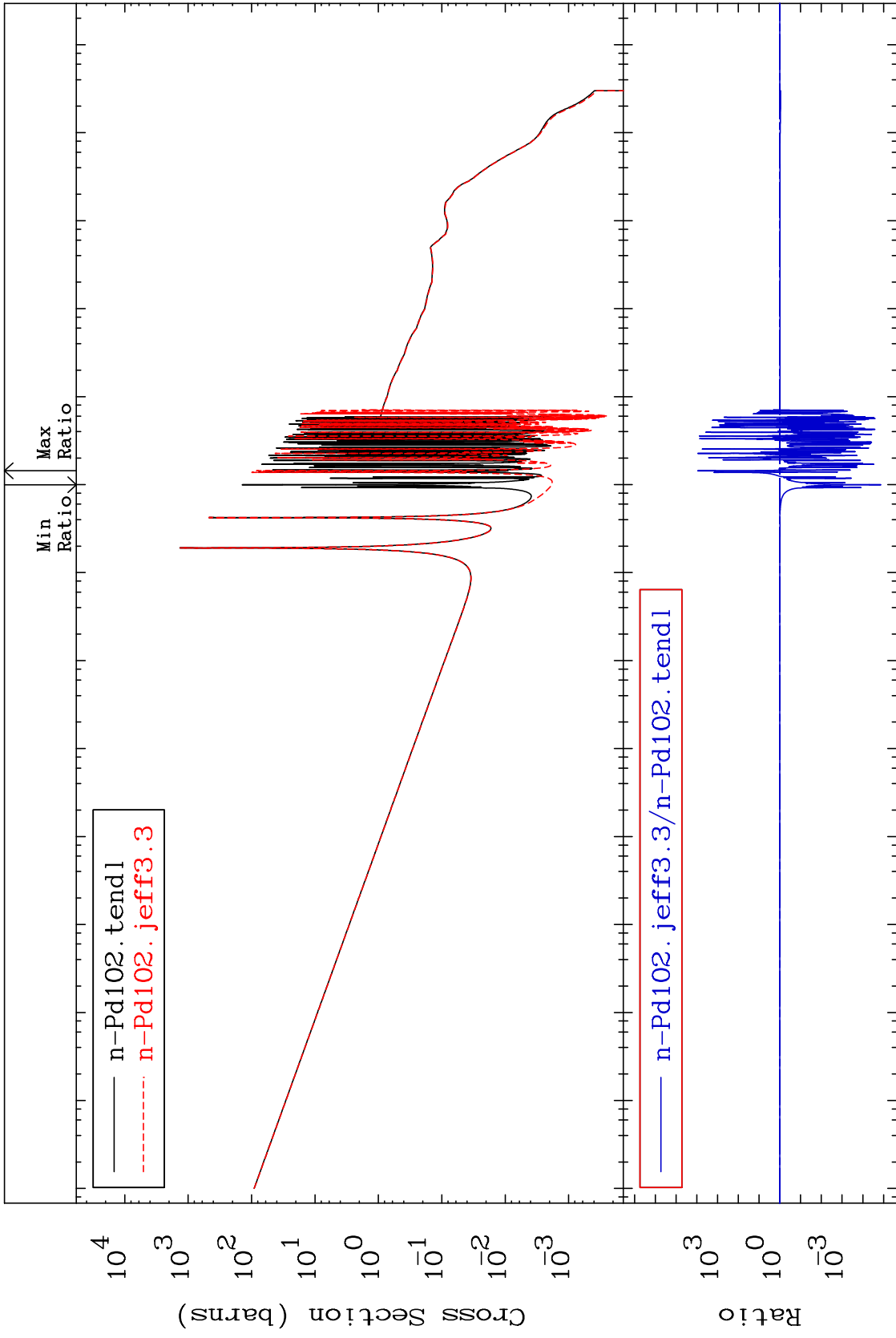
46-Pd-102  
-7.580 To 0.000 %

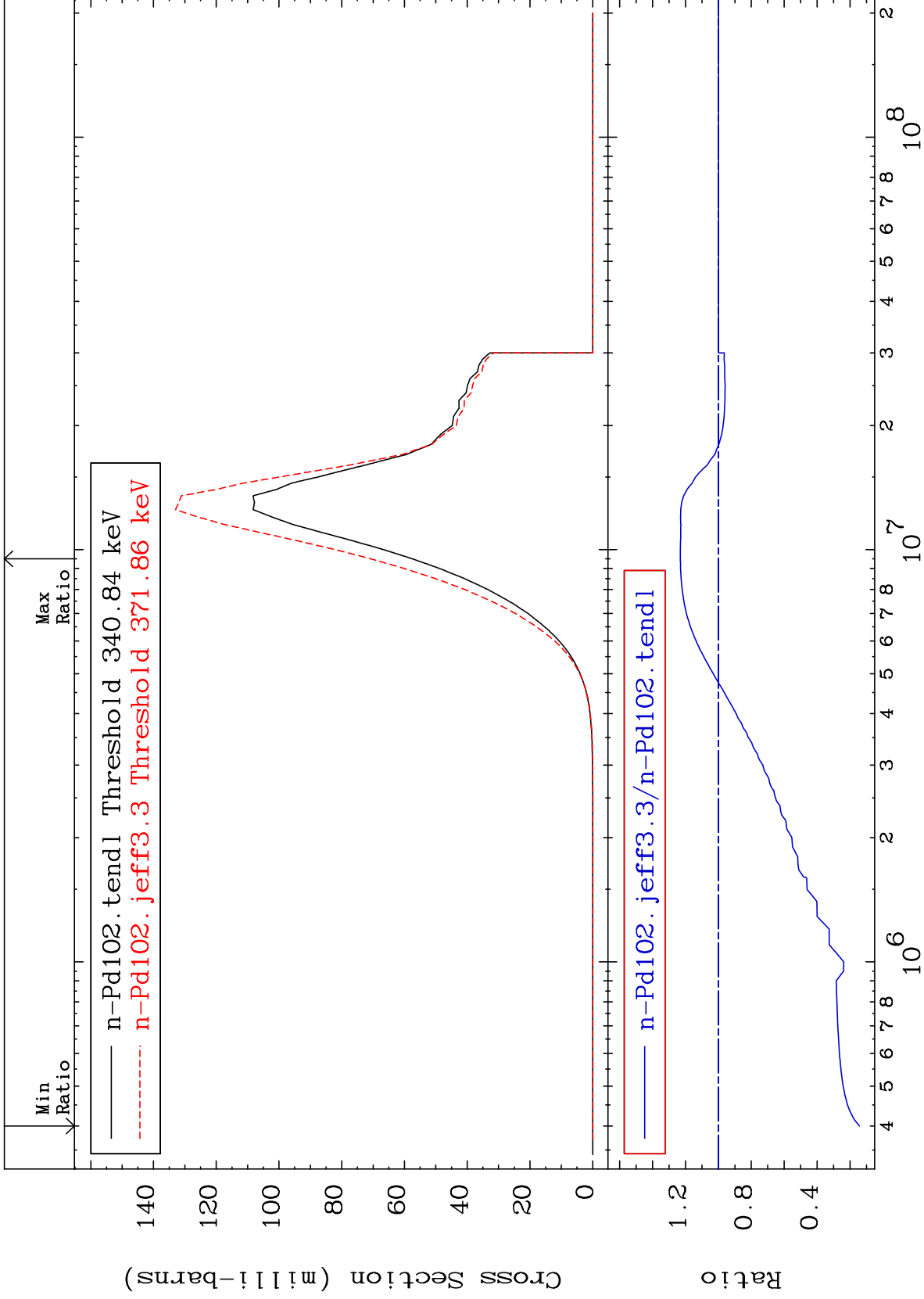


MAT 4625

(n,  $\gamma$ )  
Cross Section

46-Pd-102  
-100.0 To 9999. %

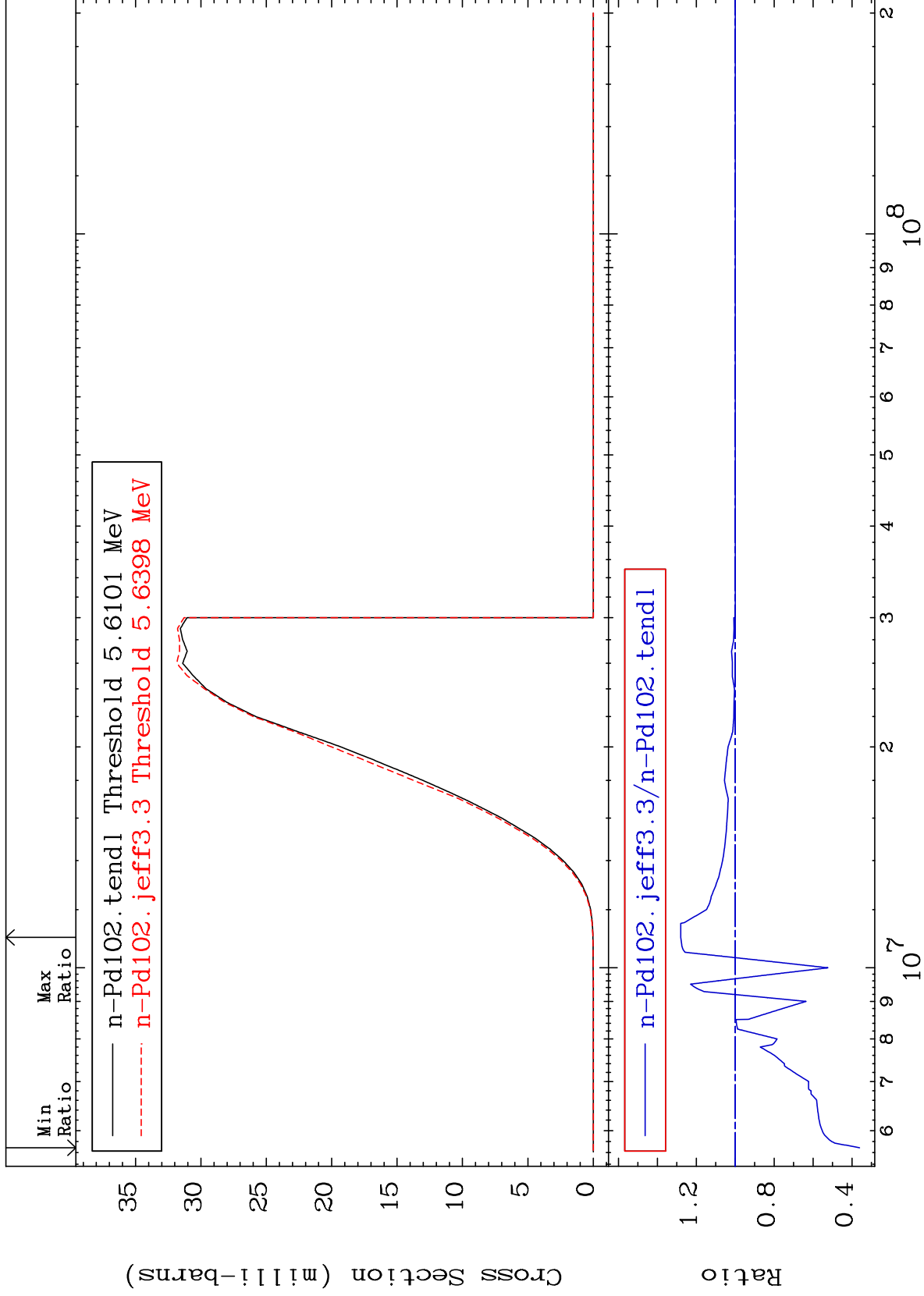




MAT 4625

(n, d)  
Cross Section

46-Pd-102  
-63.87 To 27.98 %



52

Incident Energy (eV)

46-Pd-102

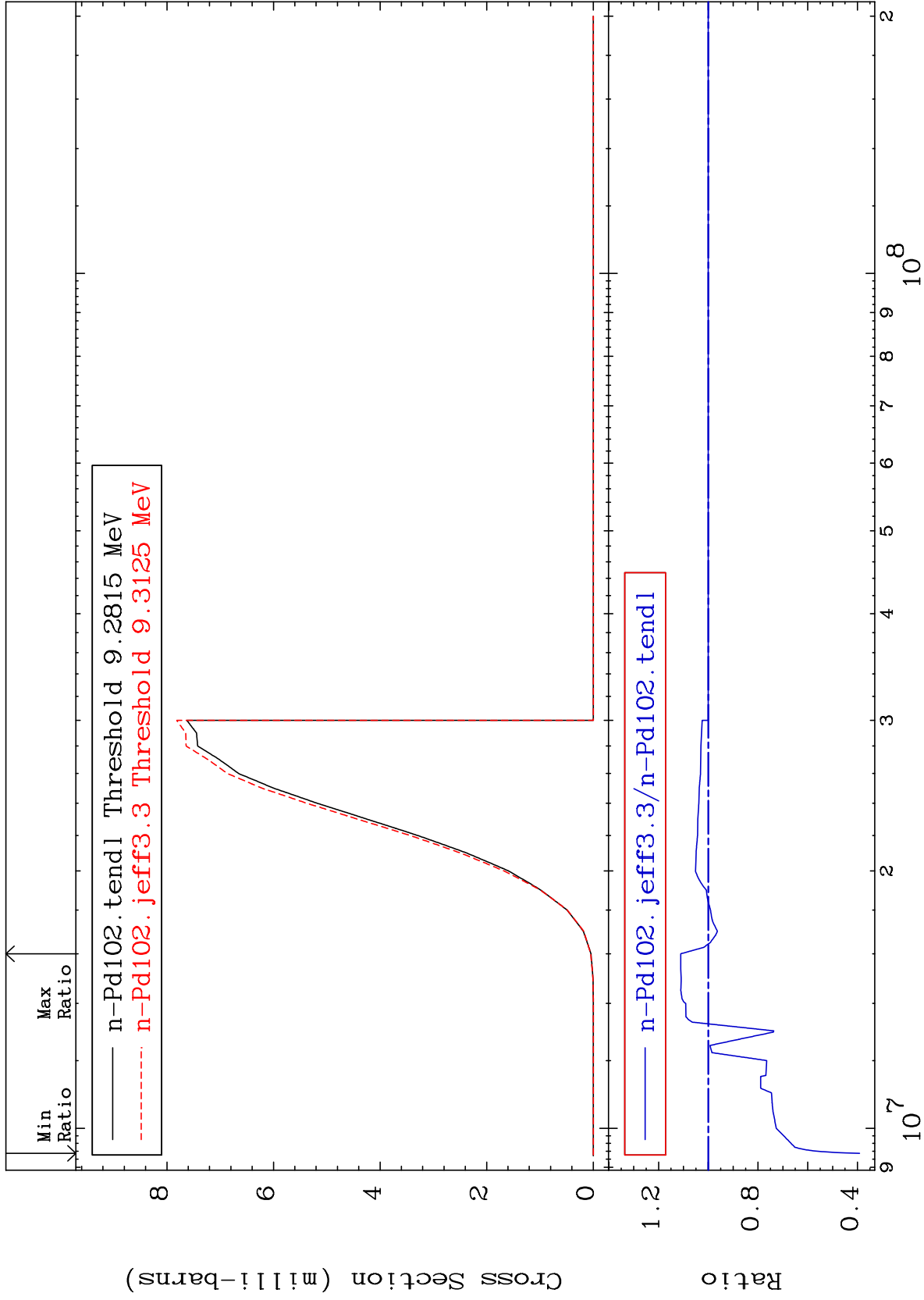
MAT 4625

(n, t)

46-Pd-102

Cross Section

-60.84 To 11.07 %

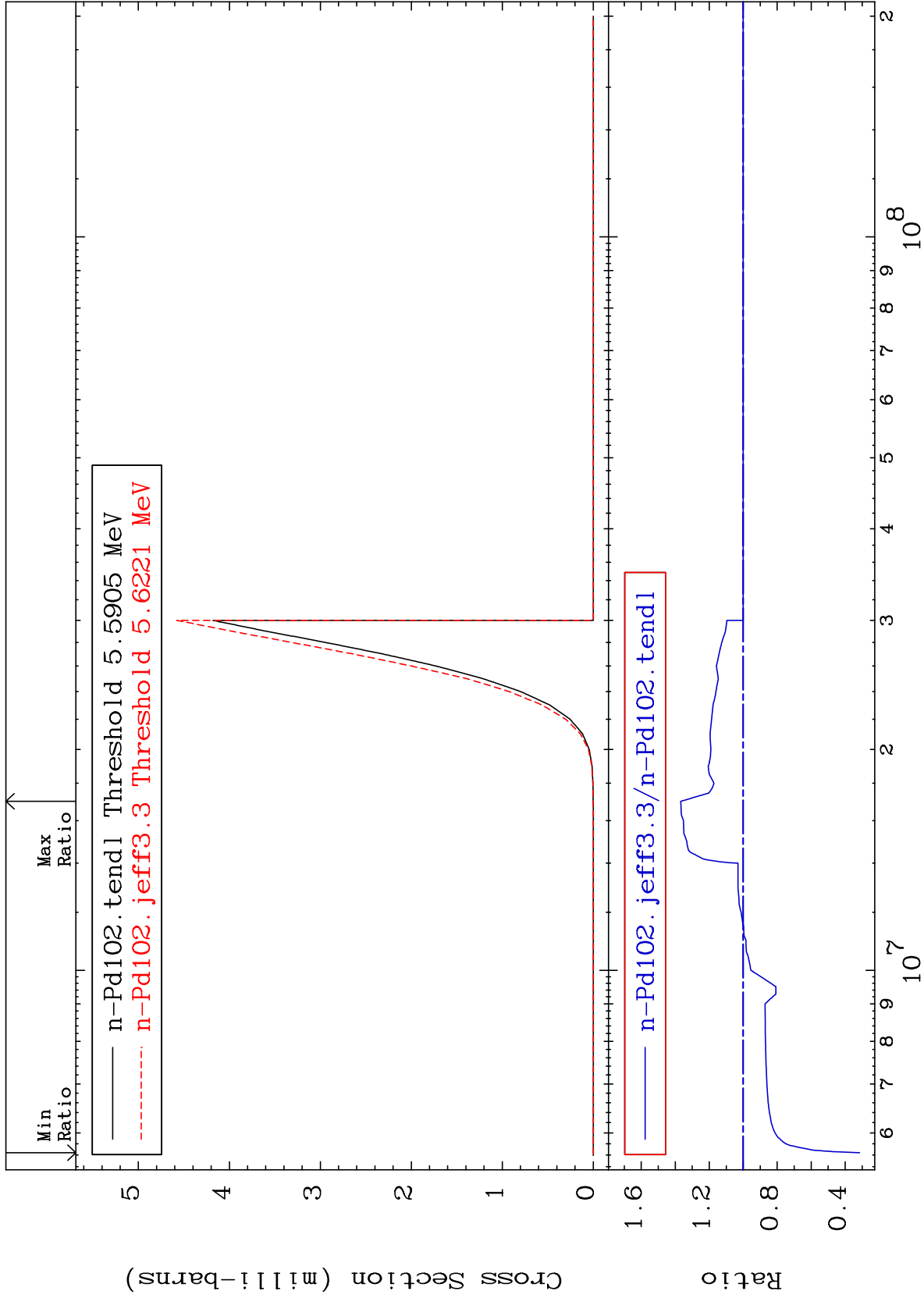


53

46-Pd-102

Cross Section

-68.43 To 36.73 %



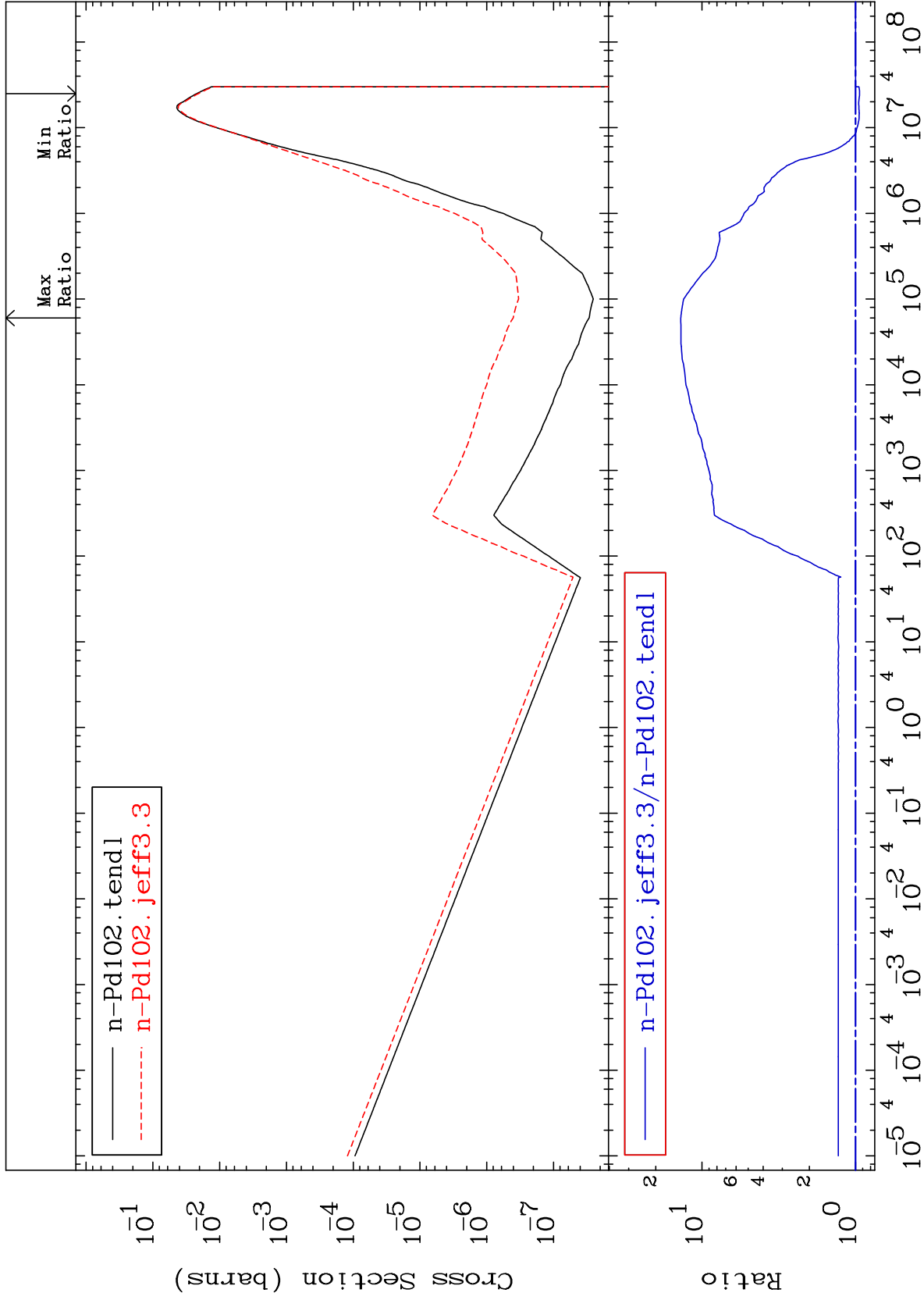
MAT 4625

(n,  $\alpha$ )

46-Pd-102

Cross Section

-5.696 To 1273. %



55

Incident Energy (eV)

46-Pd-102

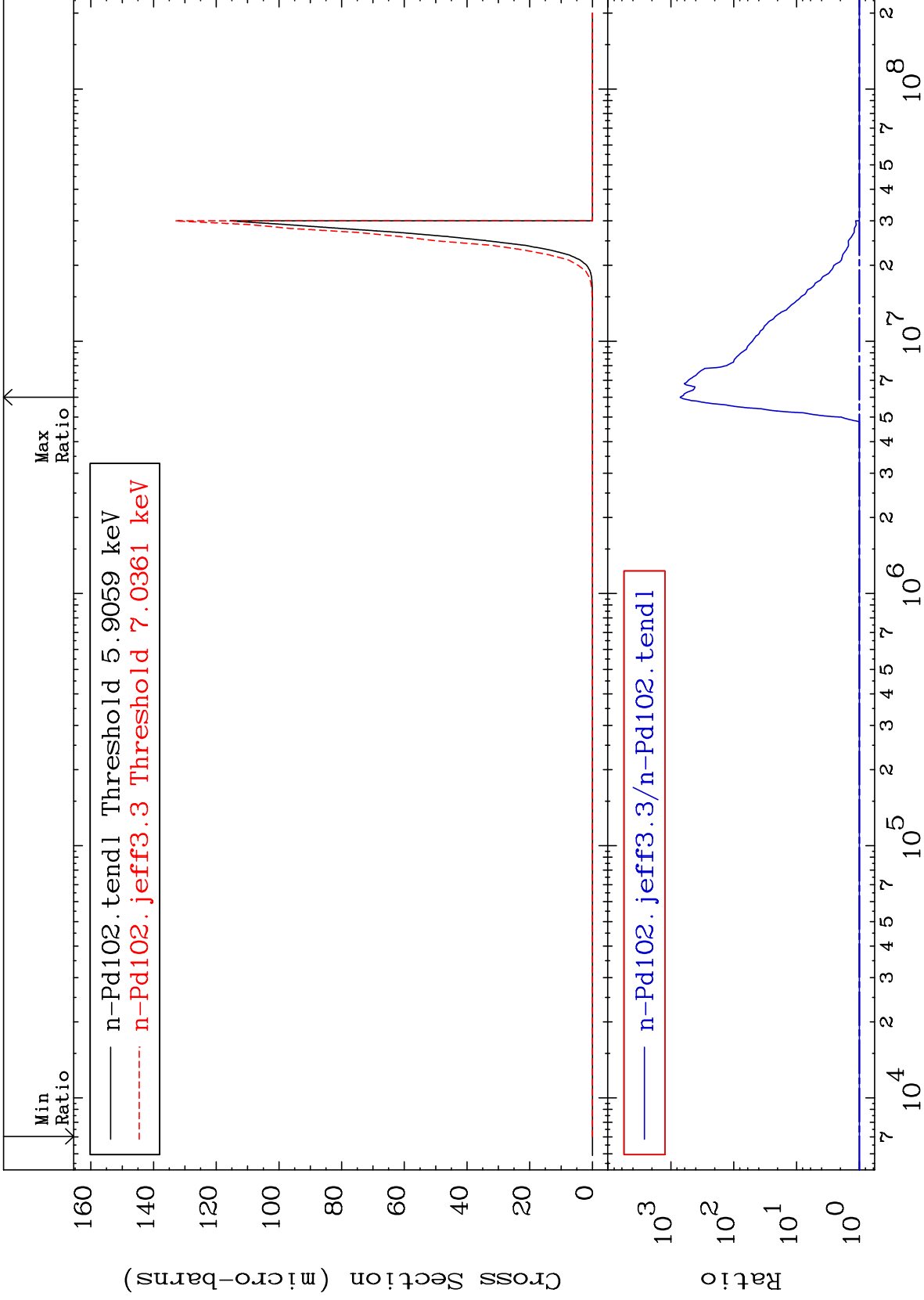
MAT 4625

(n,2α)

46-Pd-102

Cross Section

0.000 To 9999. %

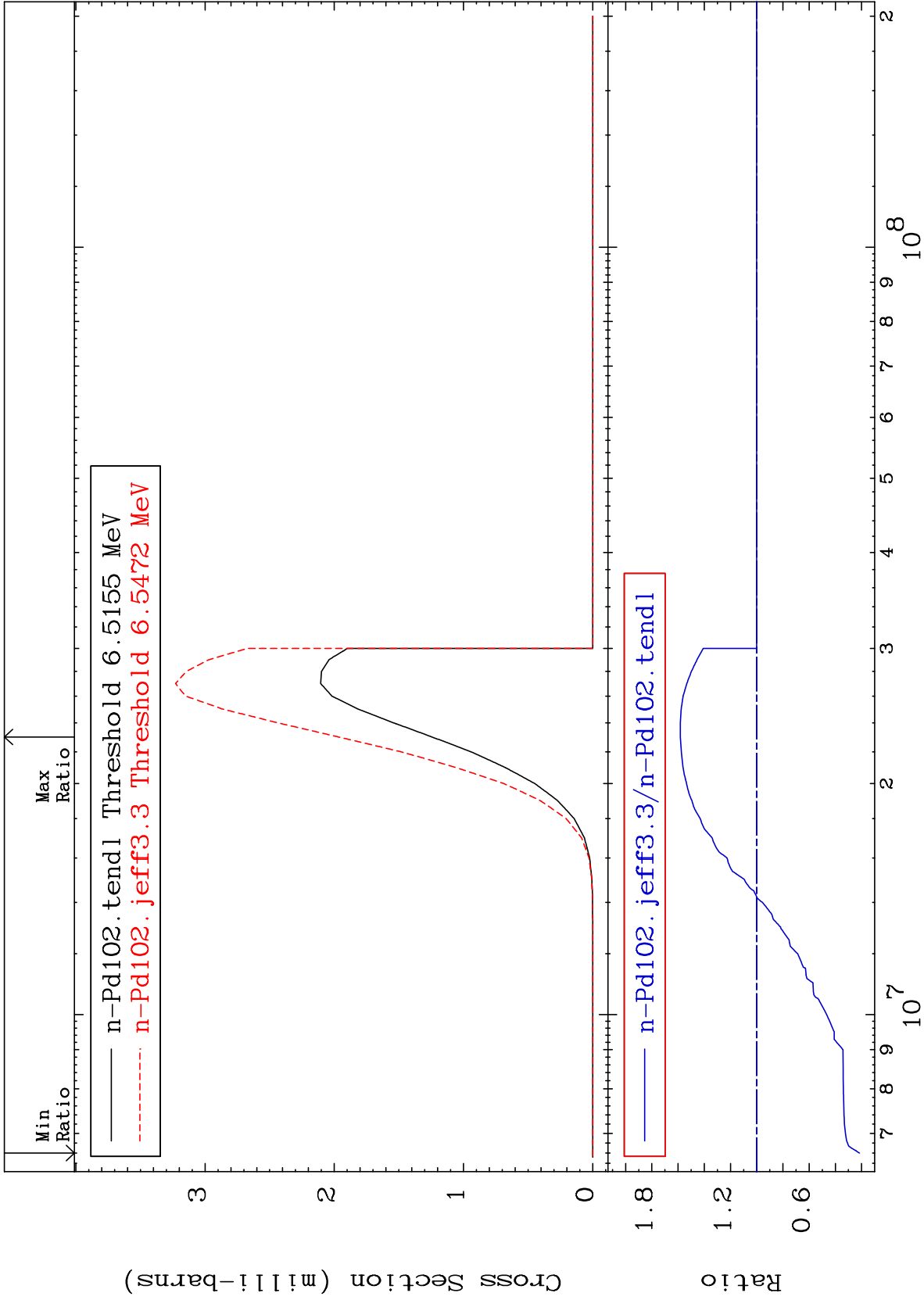




MAT 4625

(n,2p)  
Cross Section

46-Pd-102  
-78.36 To 58.25 %



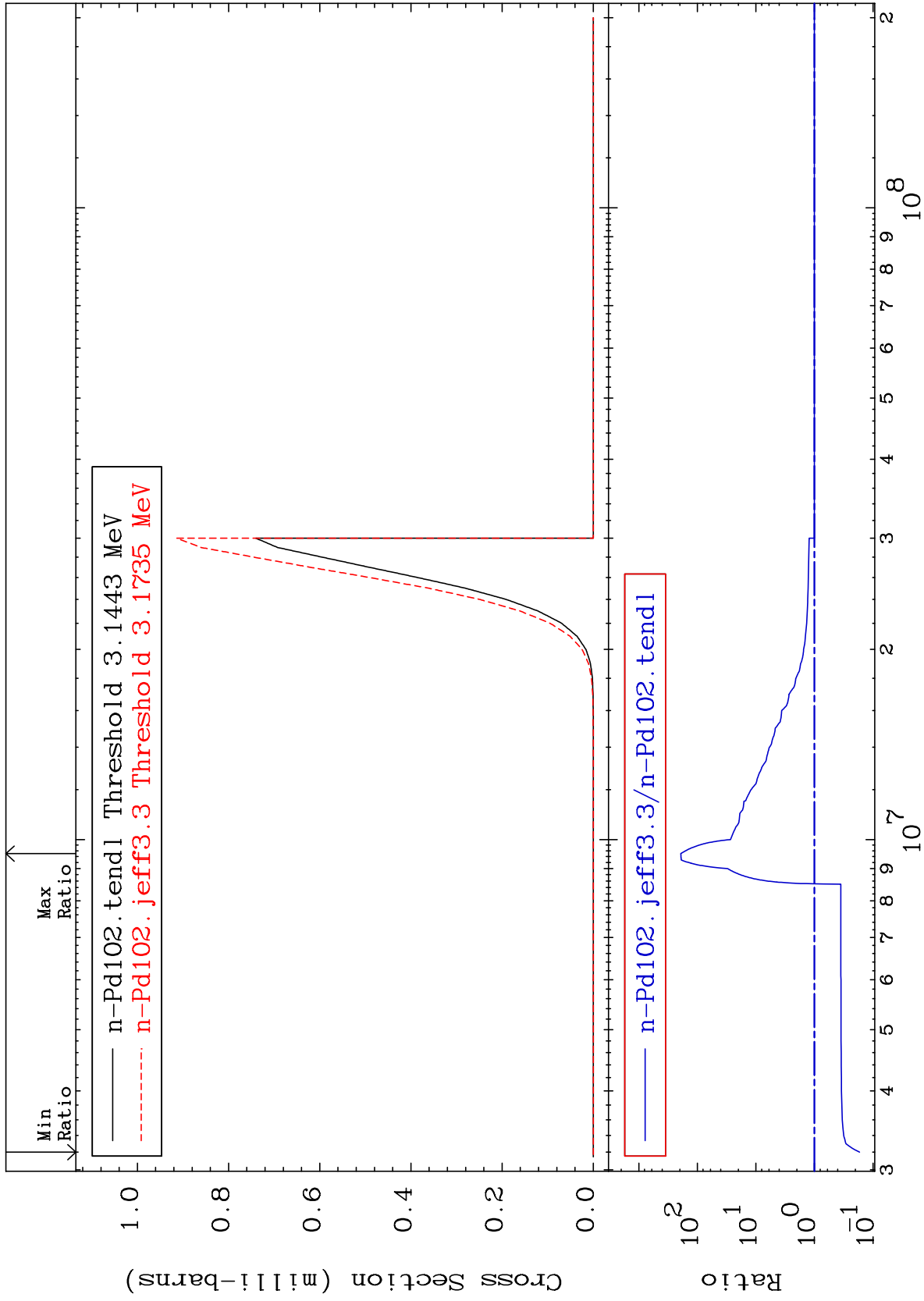
57

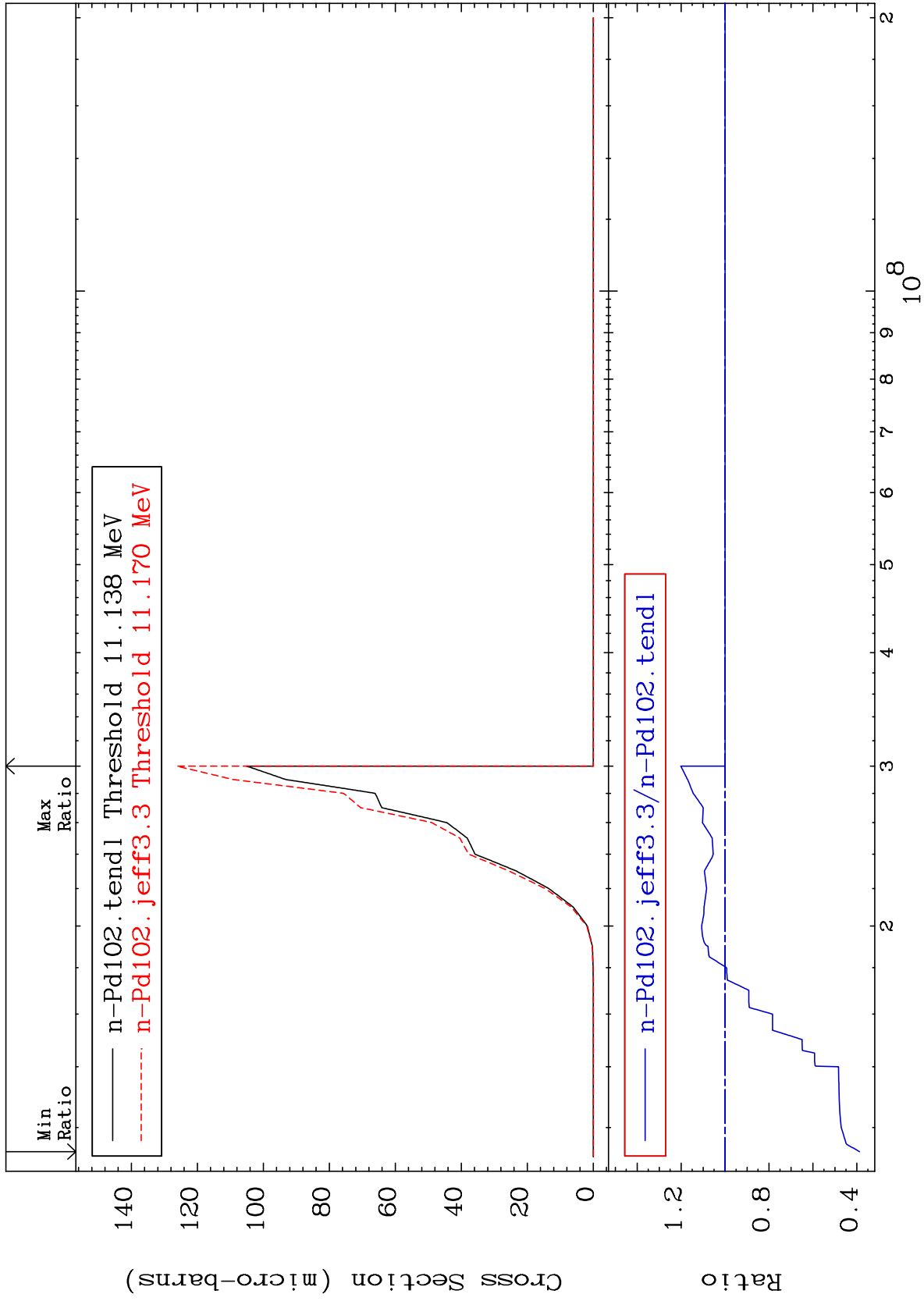
Incident Energy (eV)

46-Pd-102

Cross Section

-83.03 To 9999. %

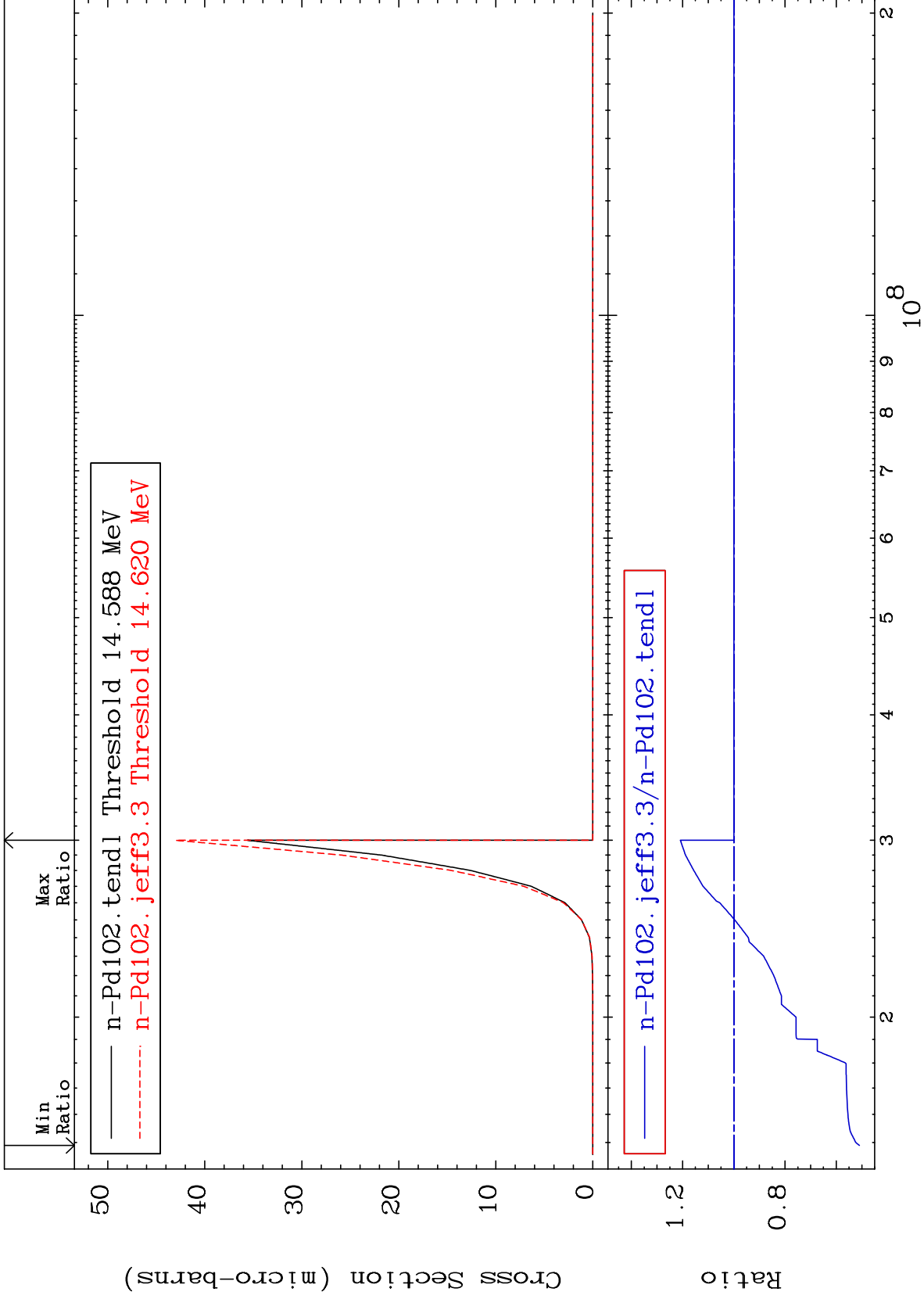




MAT 4625

(n,p) t  
Cross Section

46-Pd-102  
-49.05 To 20.88 %



60

46-Pd-102

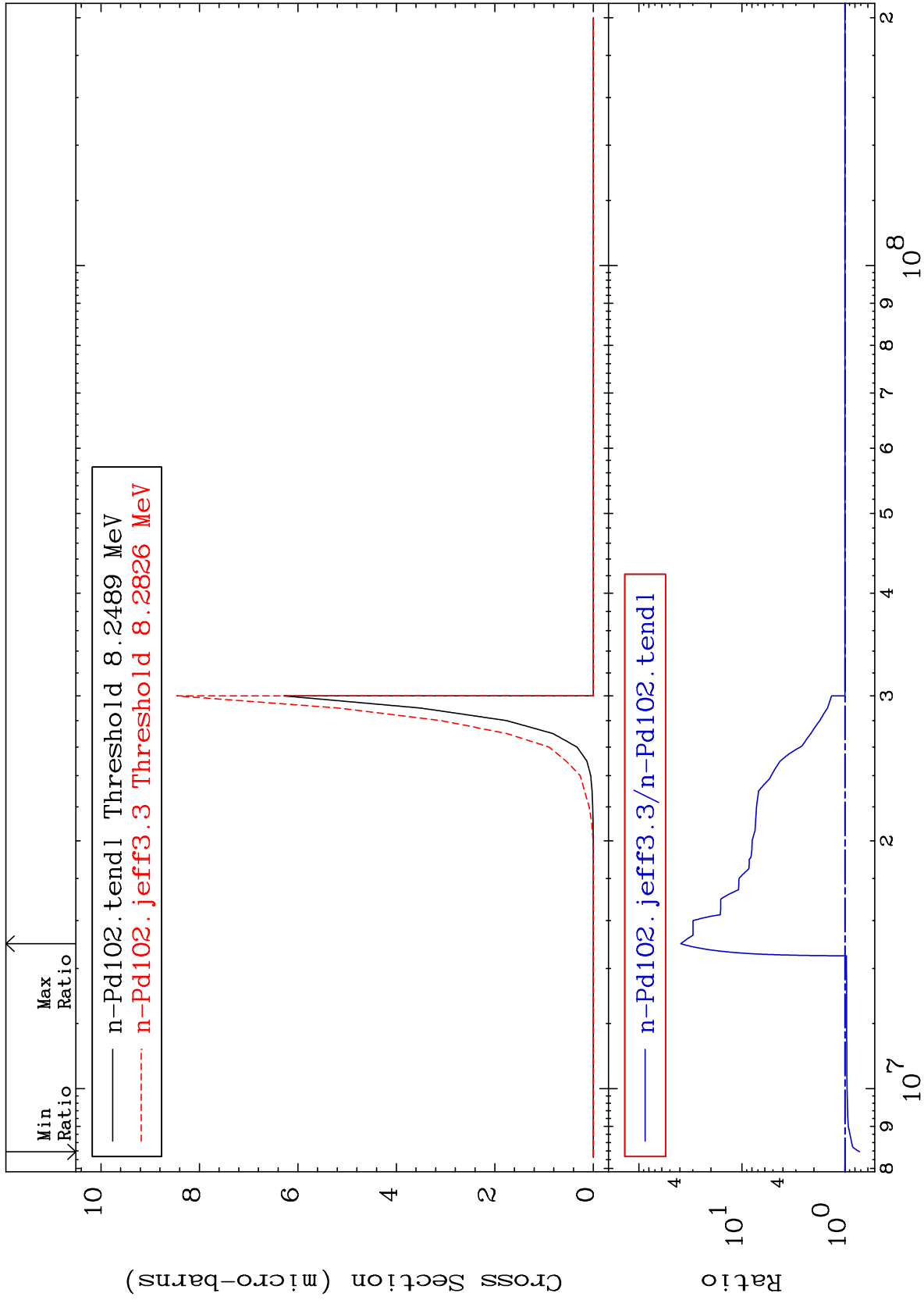
MAT 4625

(n, d)  $\alpha$

46-Pd-102

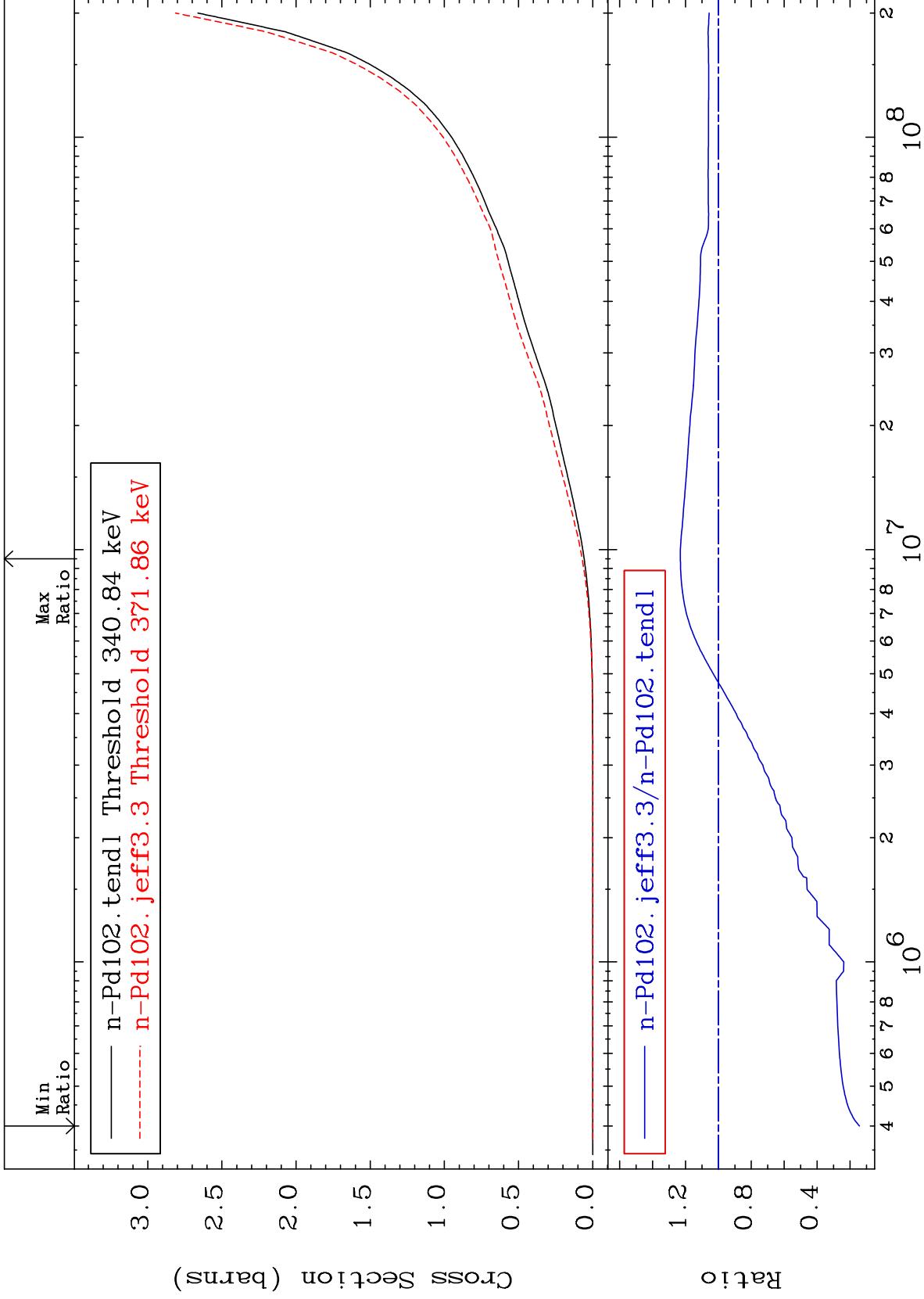
Cross Section

-27.88 To 3824. %



61

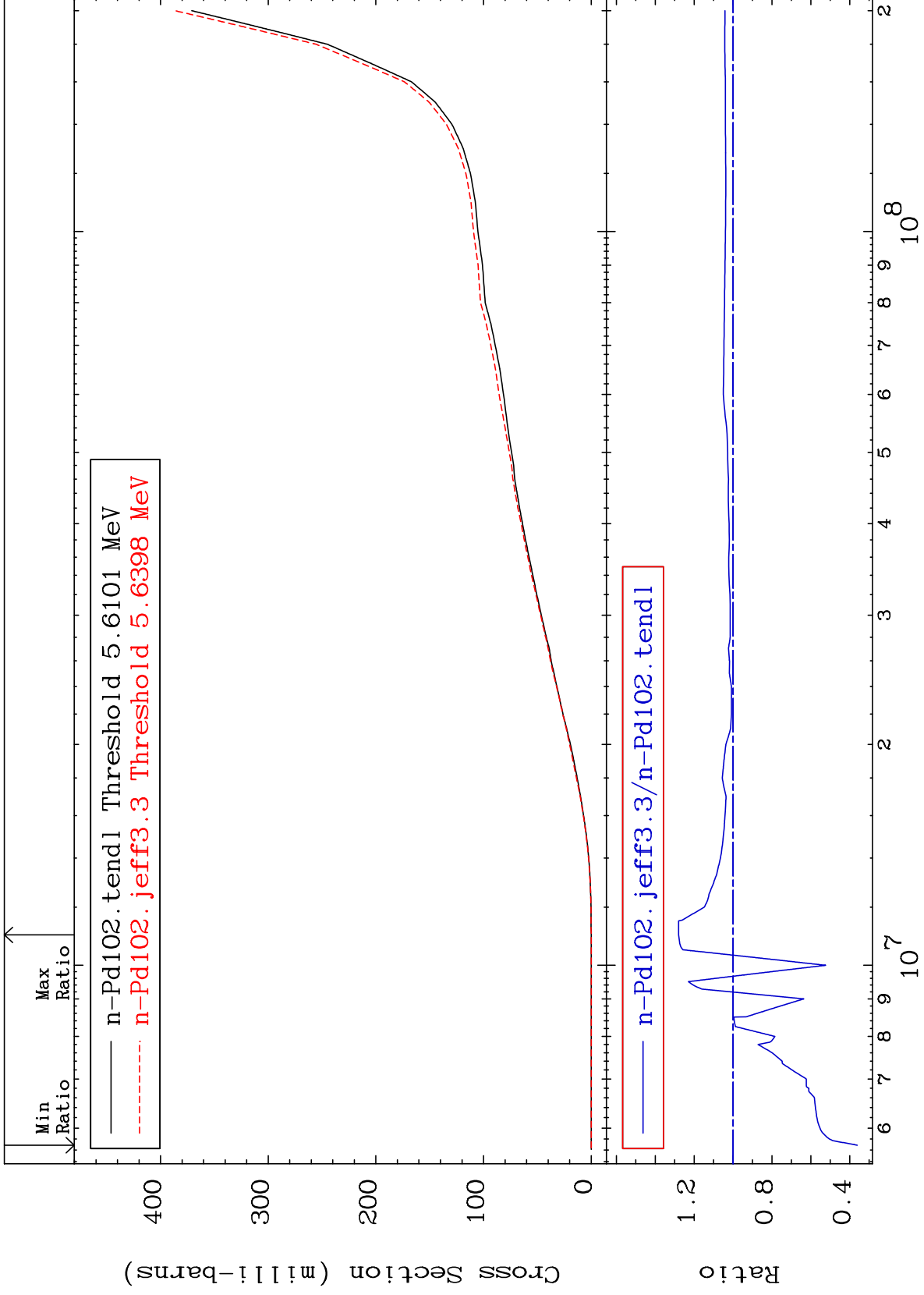
46-Pd-102



MAT 4625

Deuterium Production  
Cross Section

46-Pd-102  
-63.87 To 27.98 %



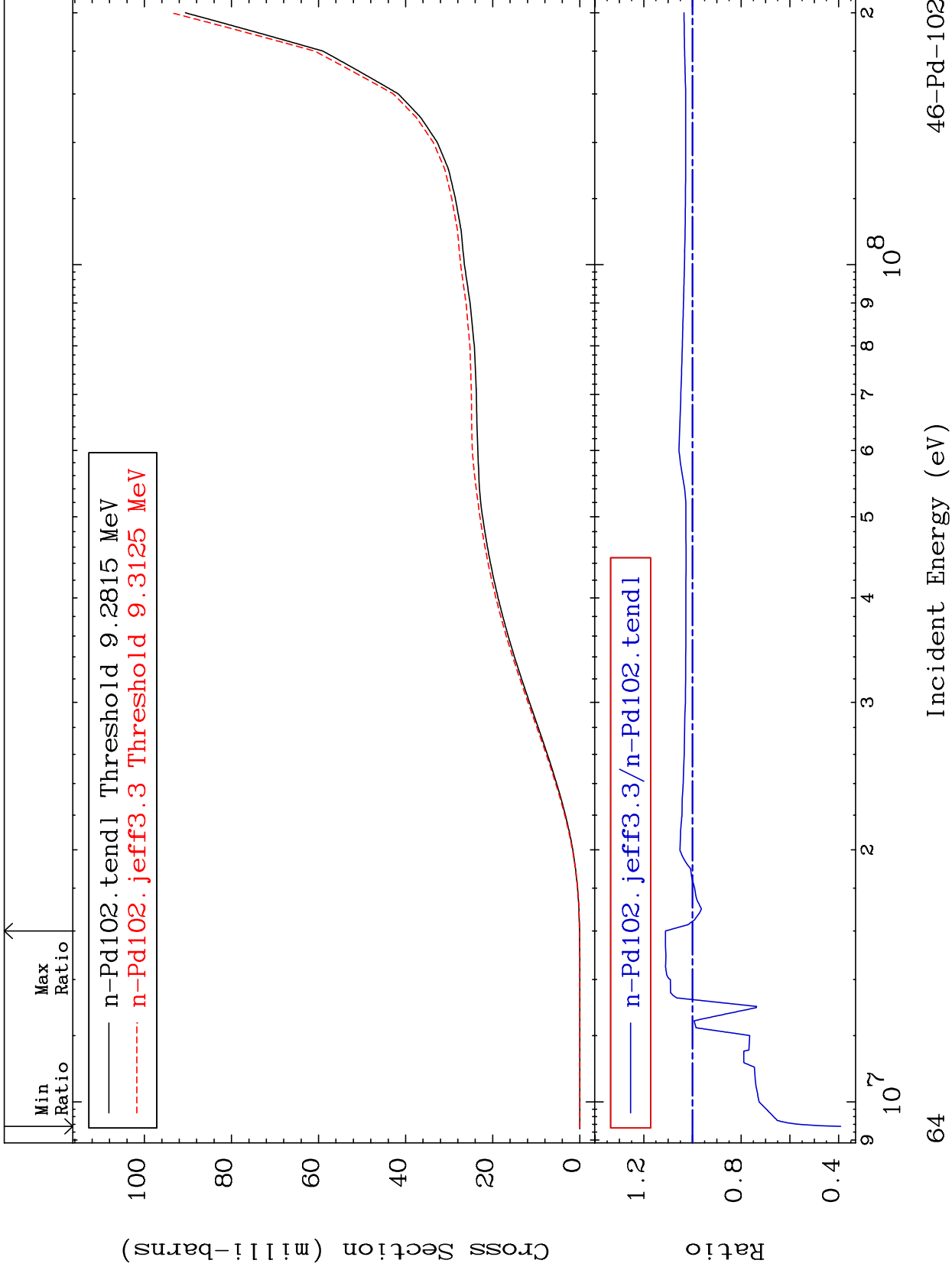
63

46-Pd-102

MAT 4625

Tritium Production  
Cross Section

46-Pd-102  
-60.84 To 11.07 %

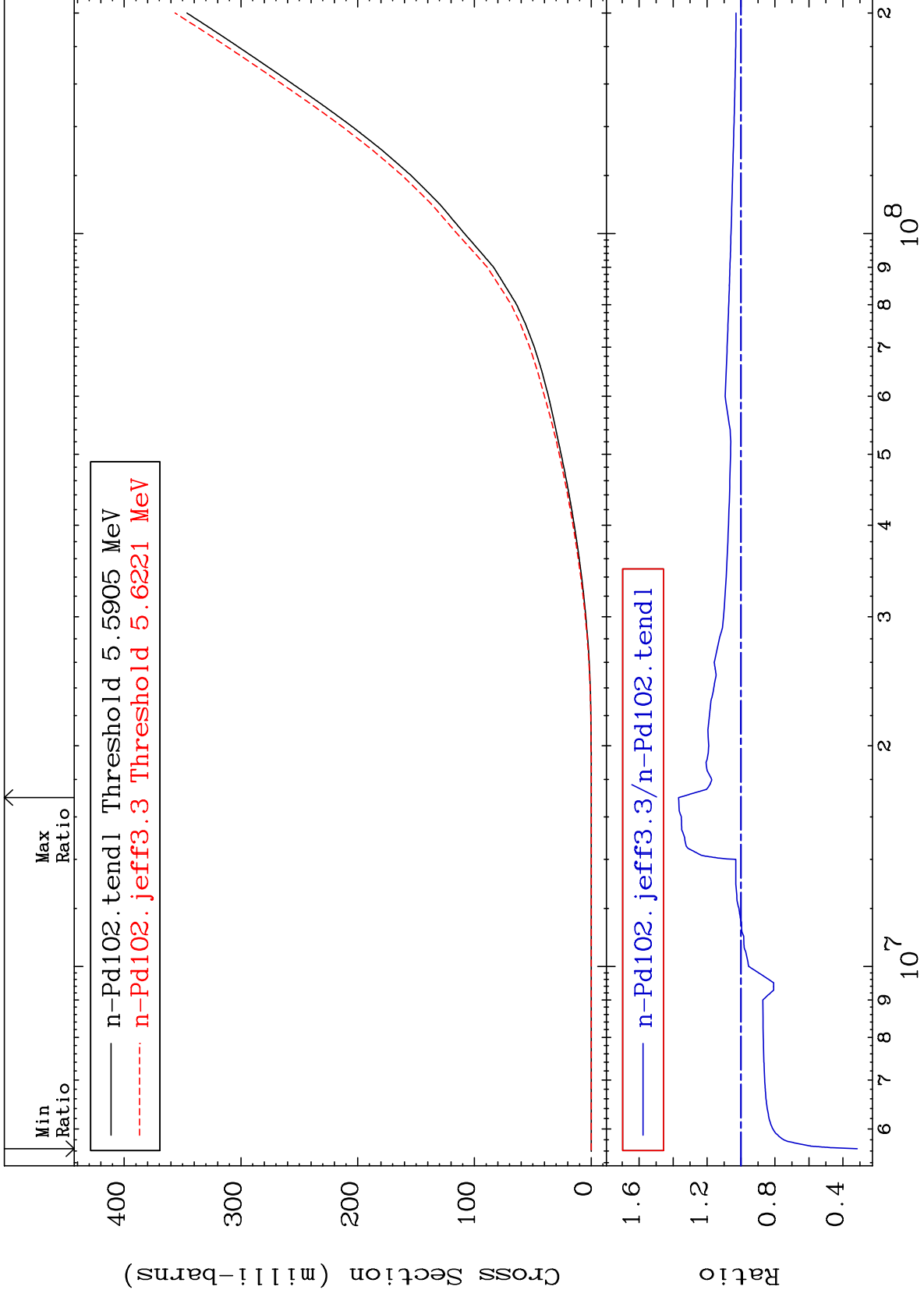




MAT 4625

He-3 Production  
Cross Section

46-Pd-102  
-68.43 To 36.73 %



65

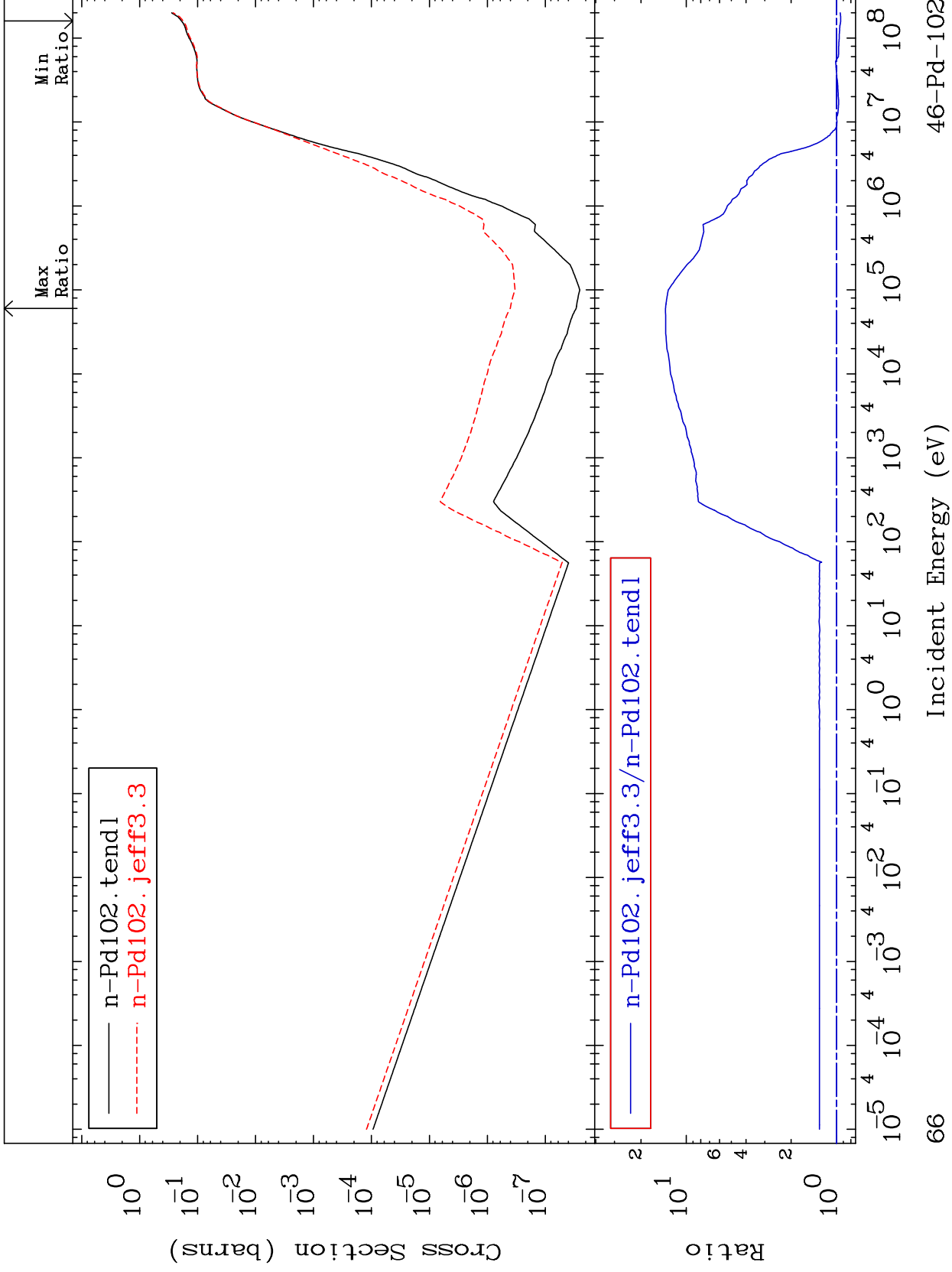
Incident Energy (eV)

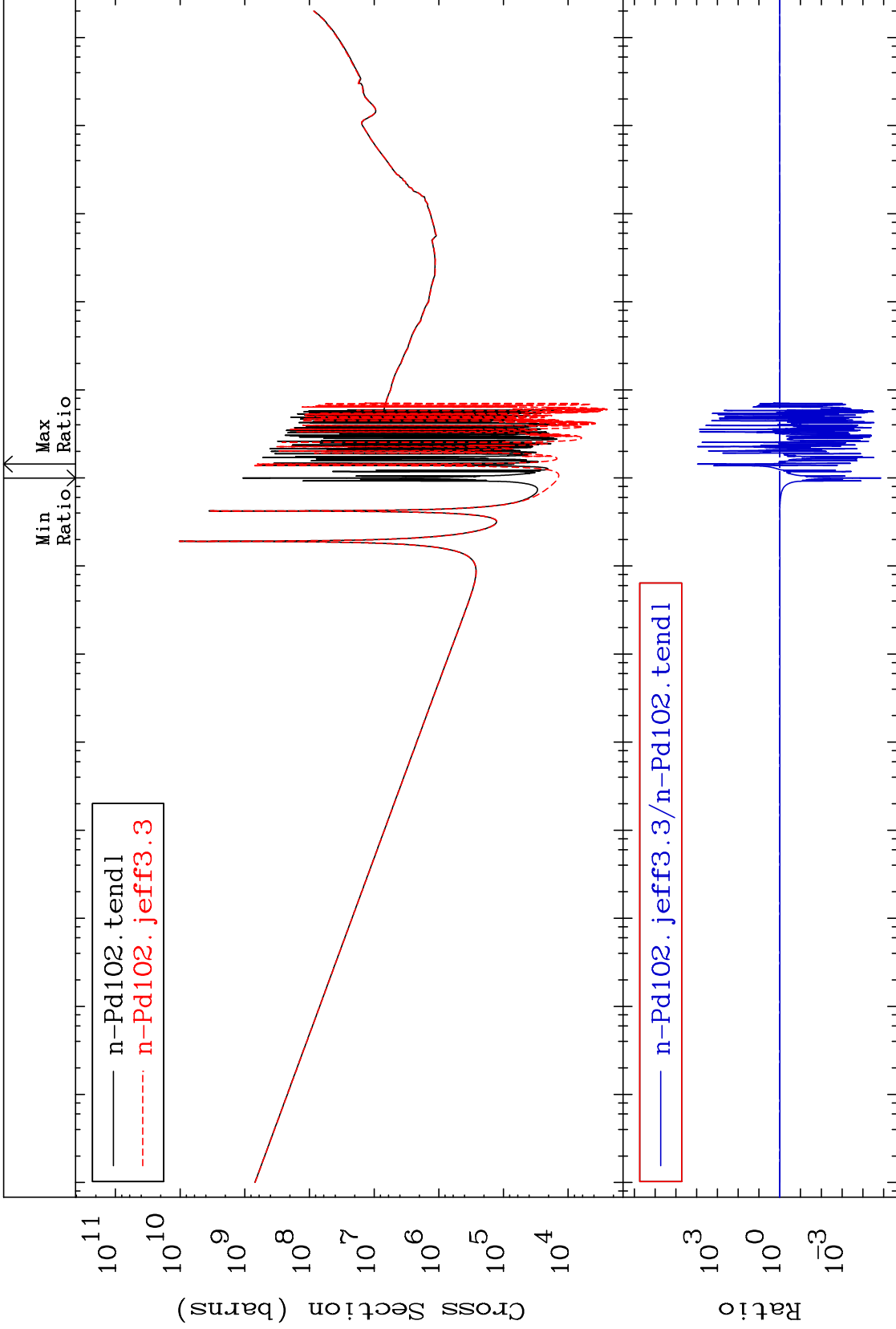
46-Pd-102

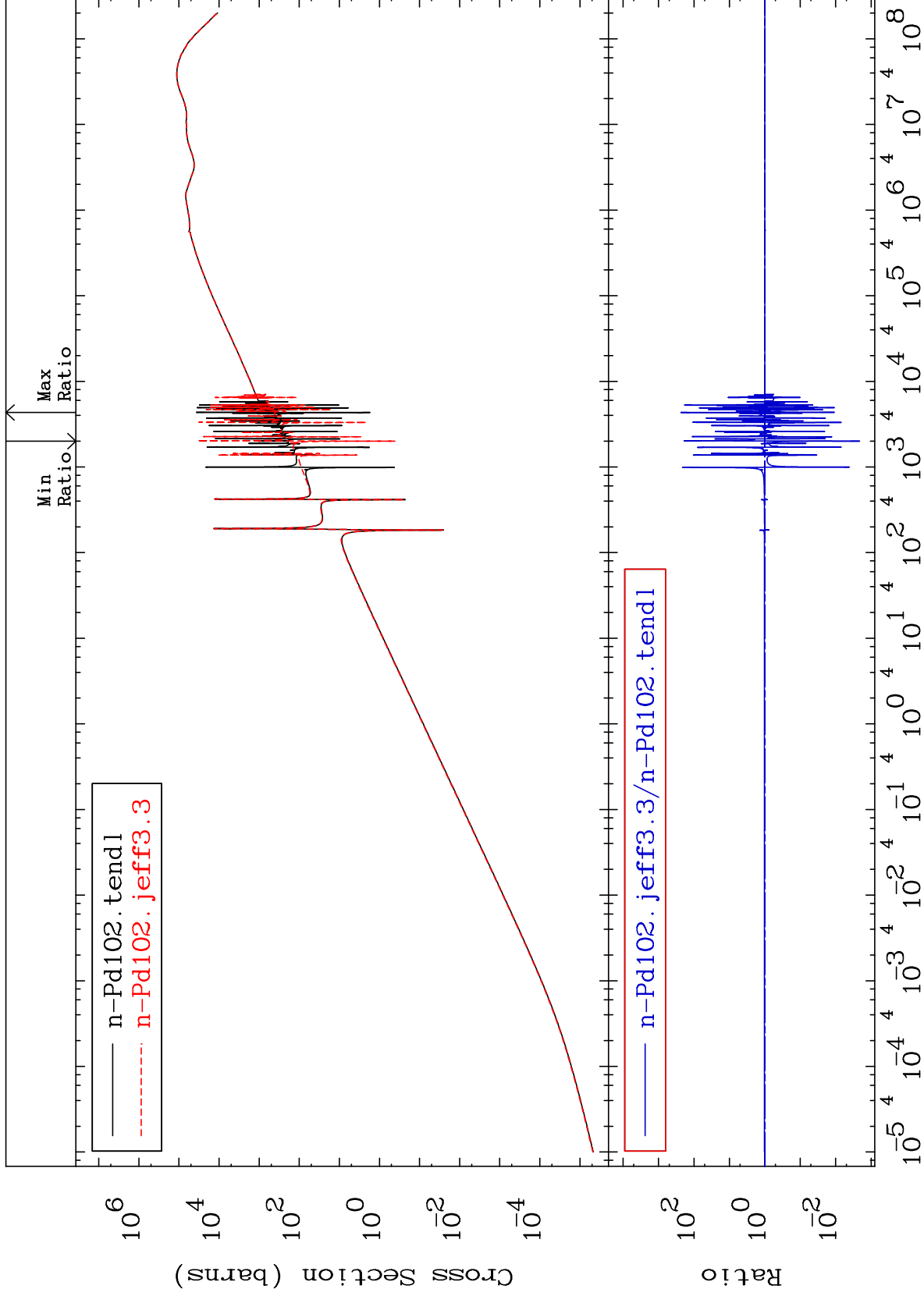
MAT 4625

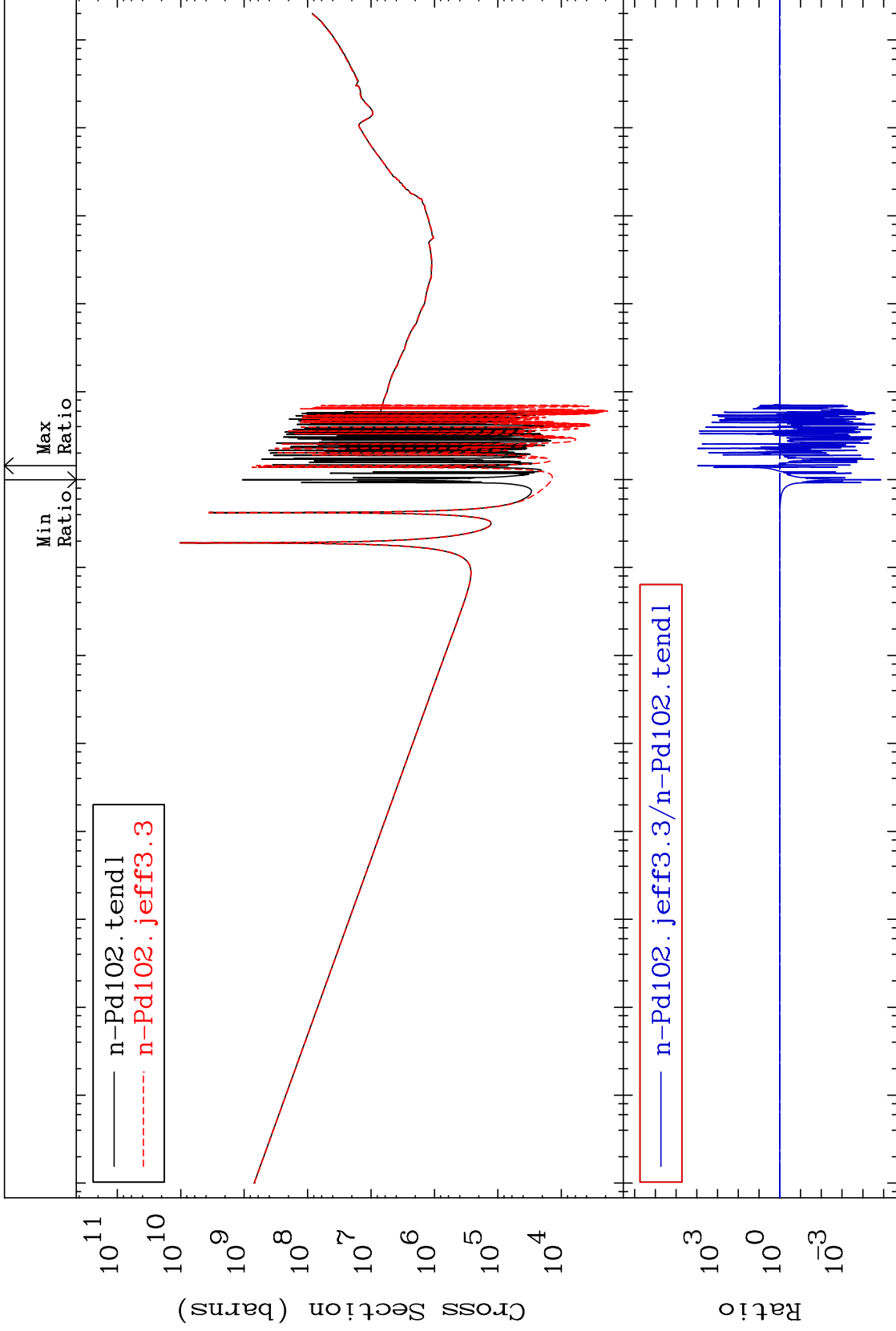
He-4 Production  
Cross Section

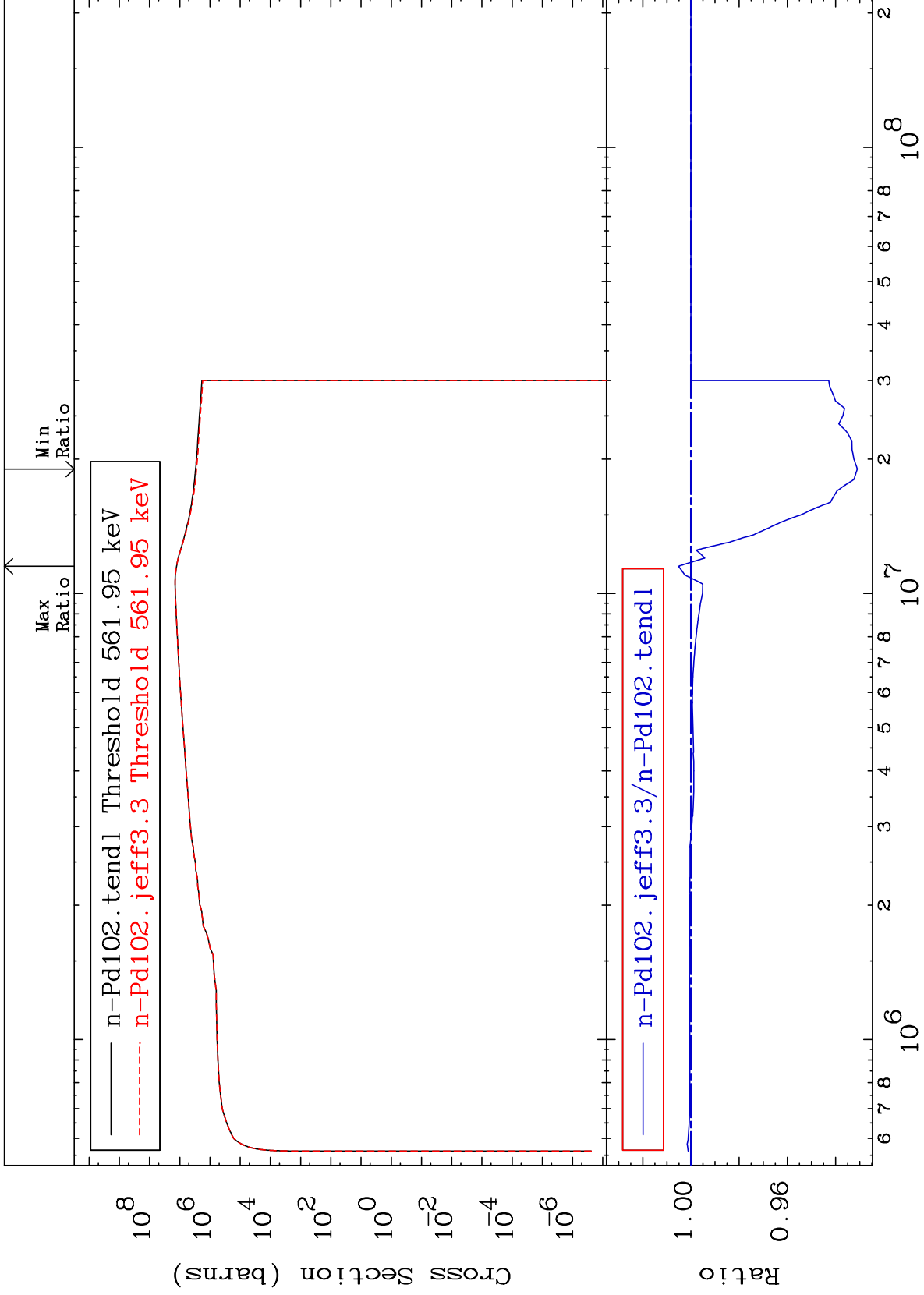
46-Pd-102  
-6.409 To 1273. %







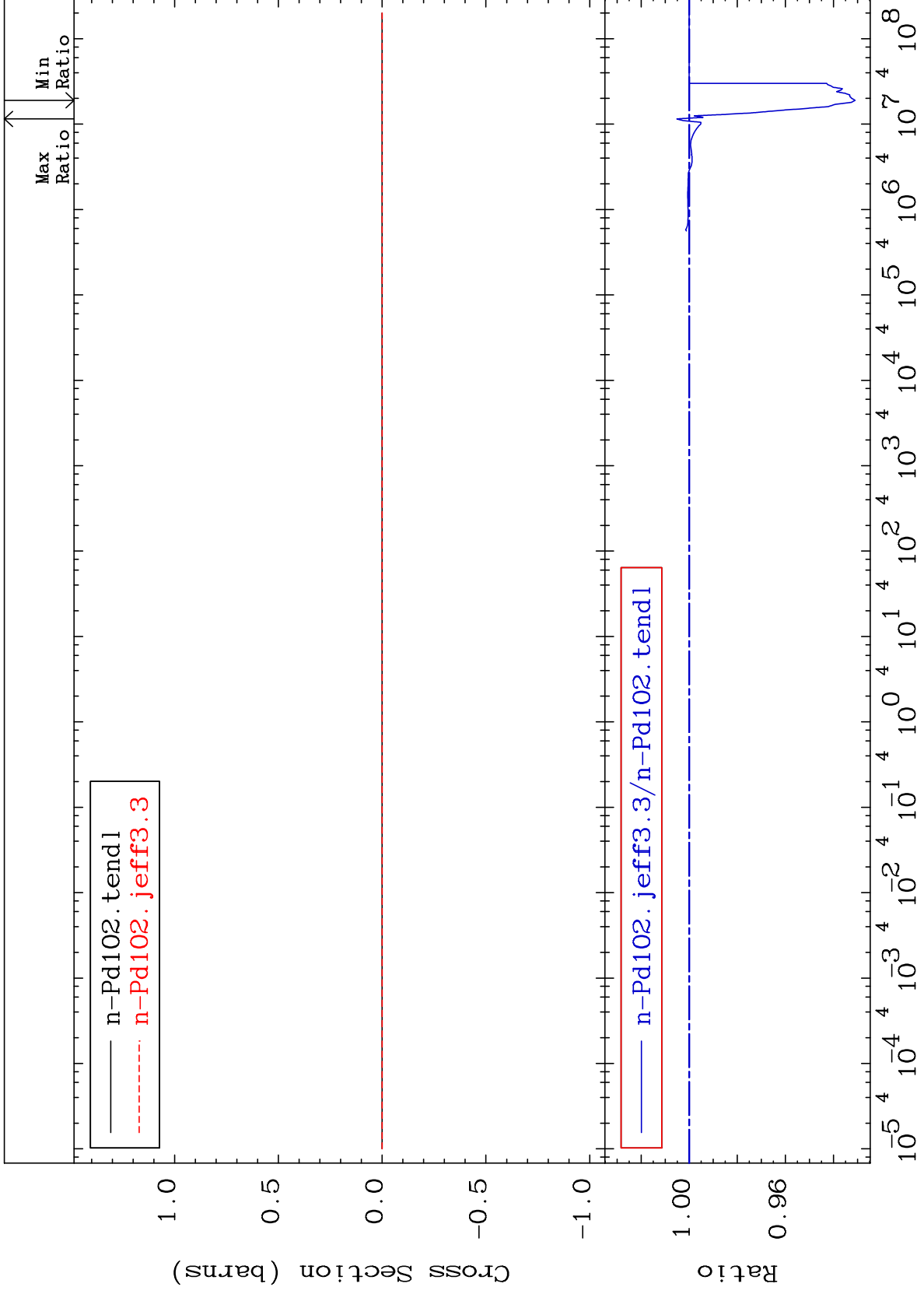




MAT 4625

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

46-Pd-102  
-6.896 To 0.511 %



71

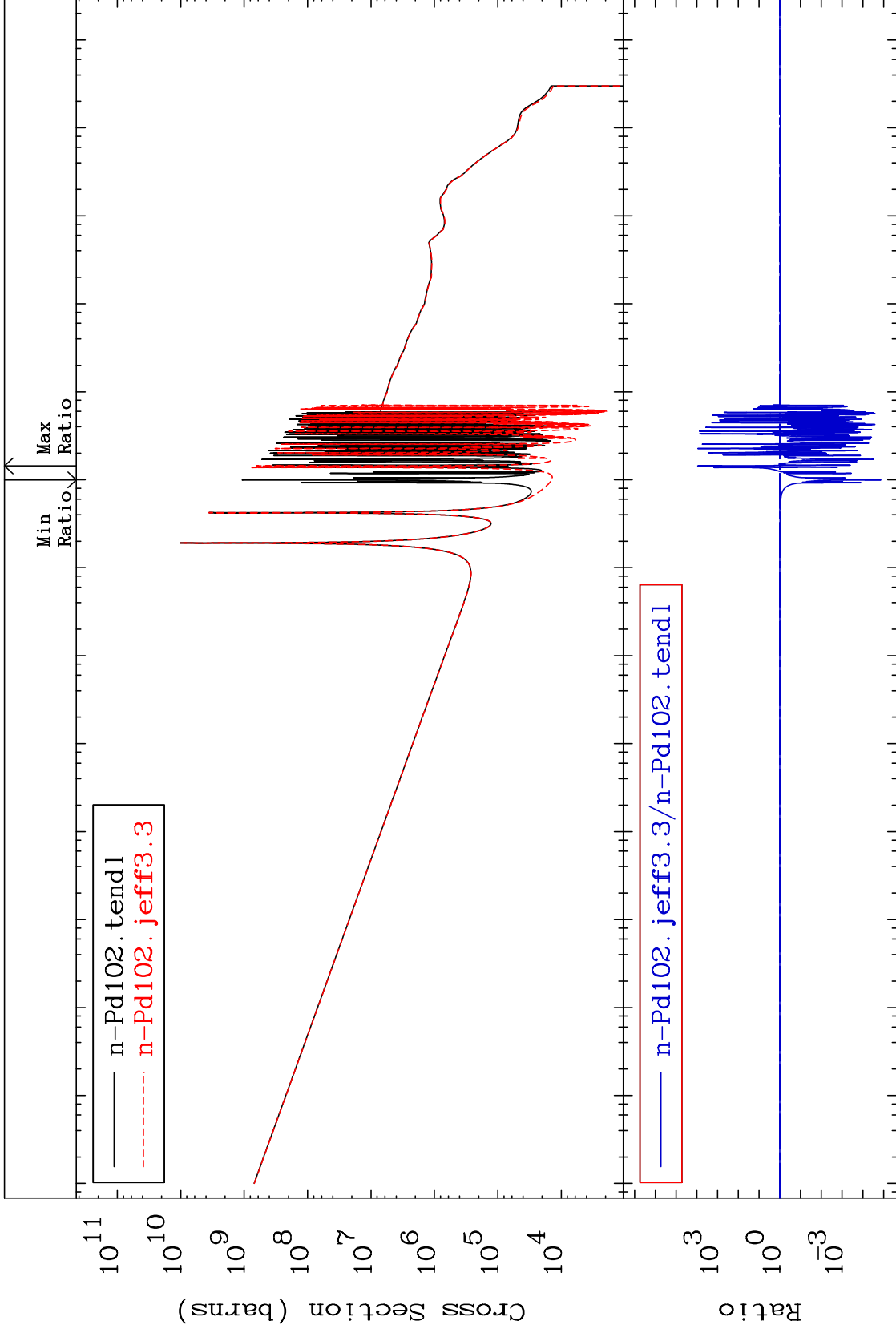
Incident Energy (eV)

46-Pd-102

MAT 4625

Kerma capture (mt102)  
Cross Section

46-Pd-102  
-100.0 To 9999. %



72

Incident Energy (eV)

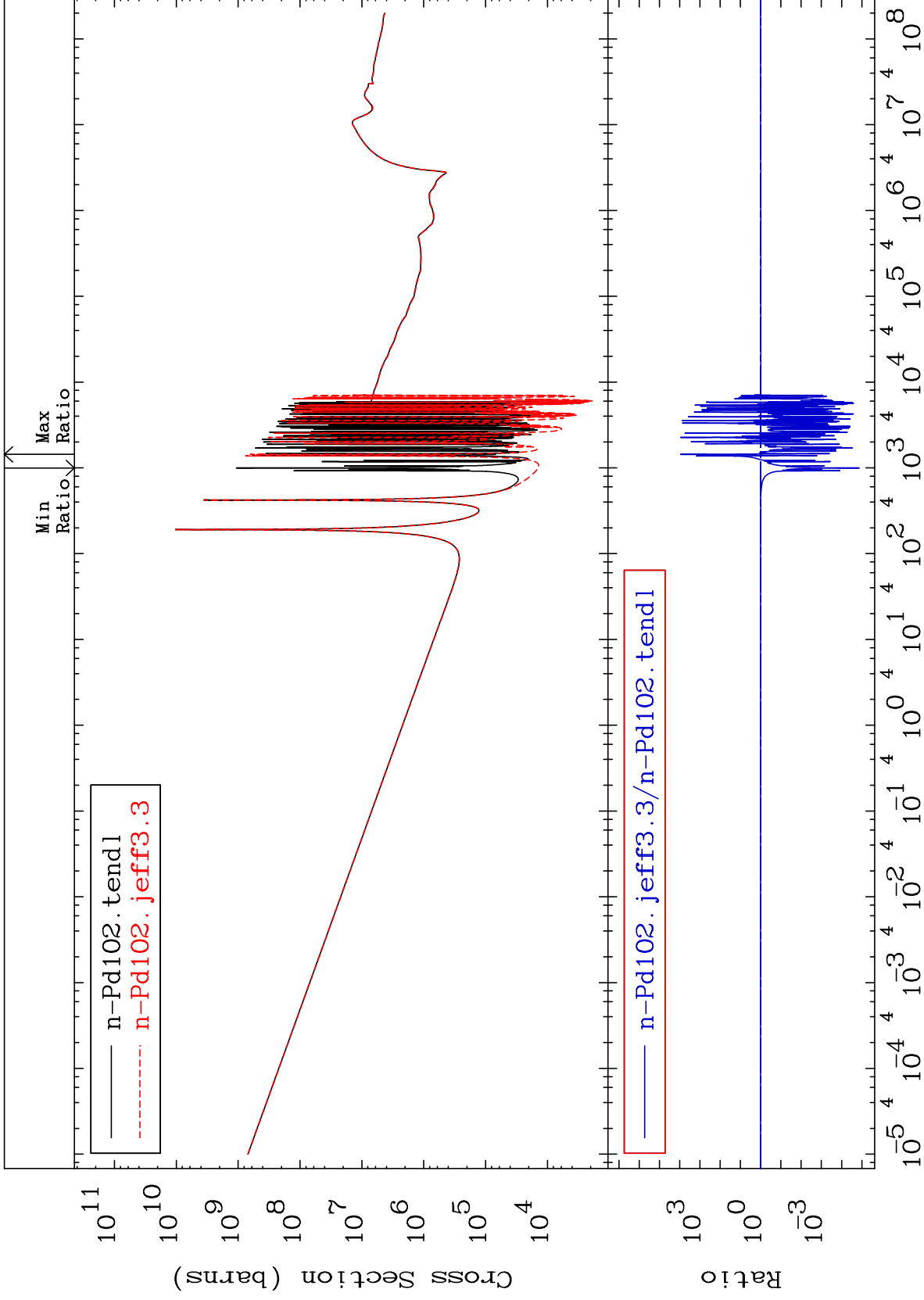
46-Pd-102



MAT 4625

Total photon (eV-barns)  
Cross Section

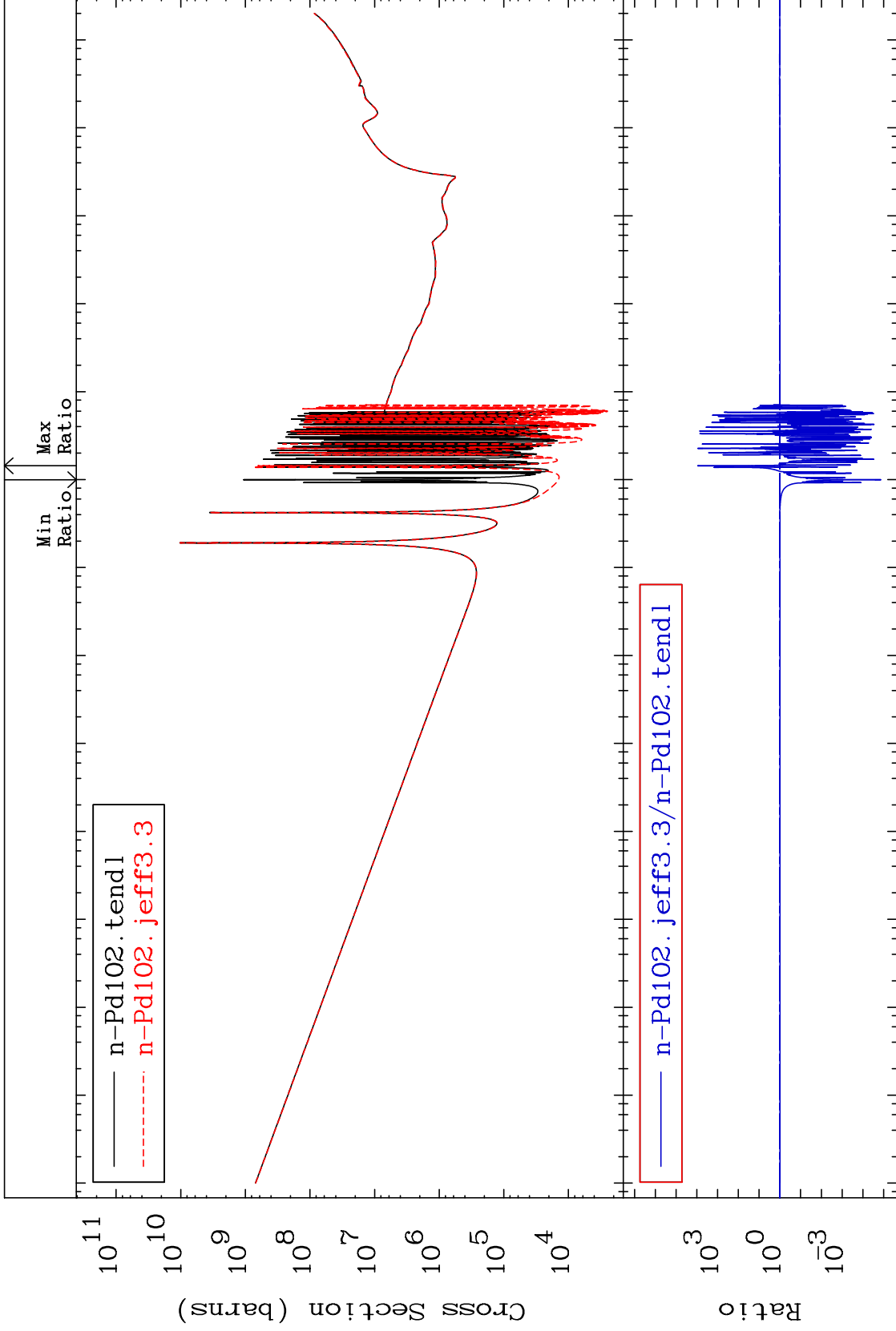
46-Pd-102  
-100.0 To 9999. %



73

Incident Energy (eV)

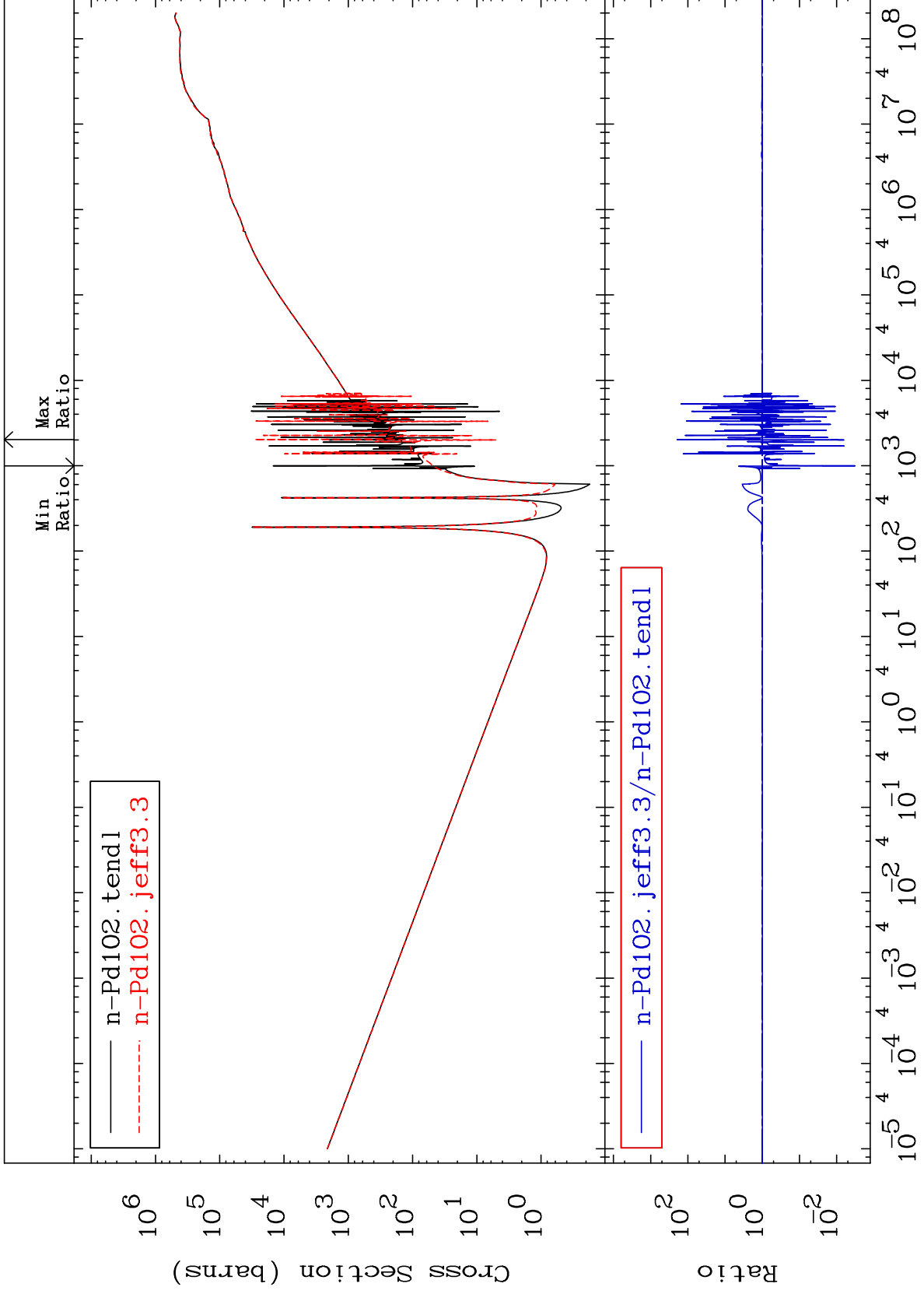
46-Pd-102



MAT 4625

Dpa total (eV-barns)  
Cross Section

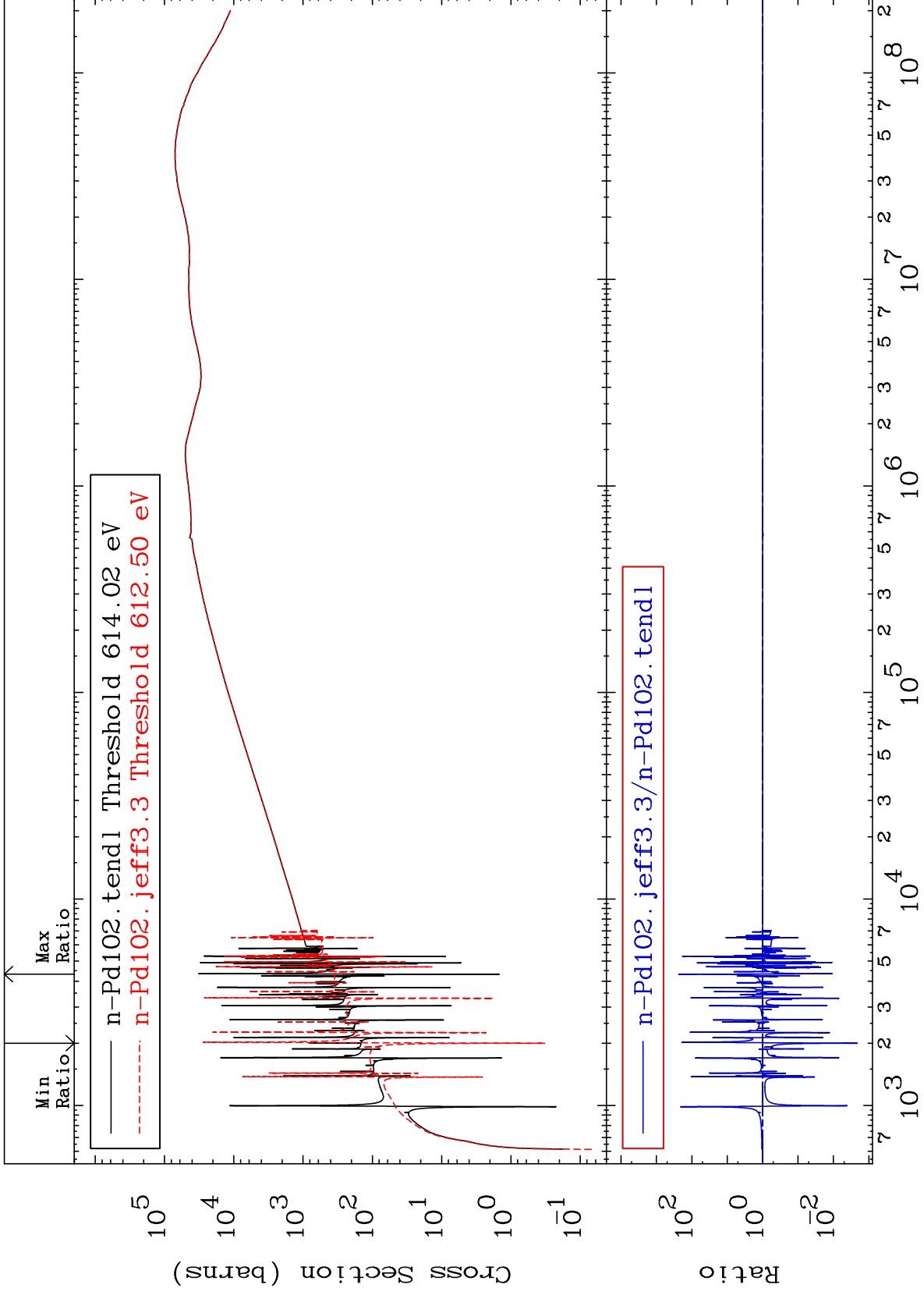
46-Pd-102  
-99.68 To 9999. %



MAT 4625

Dpa elastic (mt2)  
Cross Section

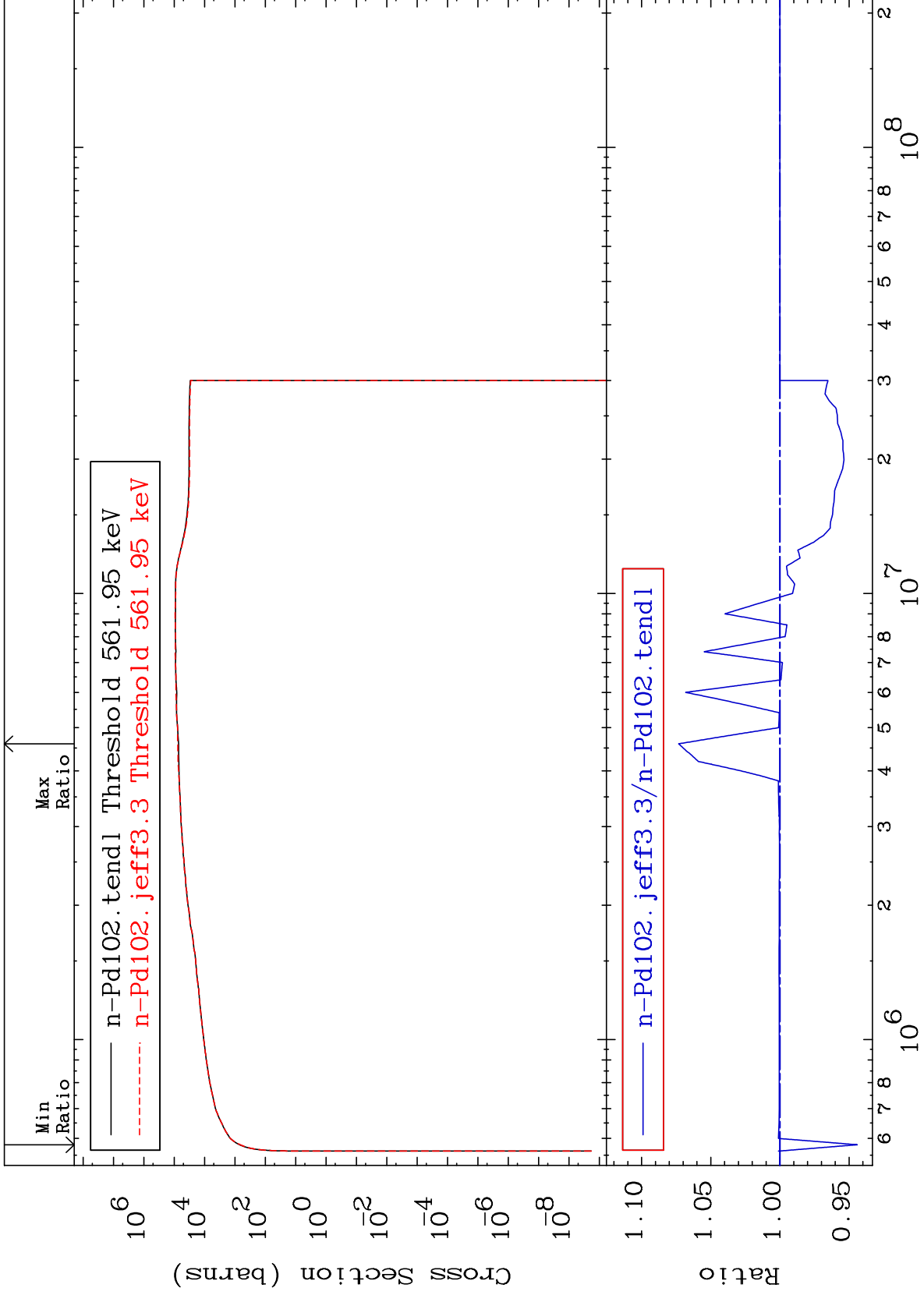
46-Pd-102  
-99.79 To 9999. %

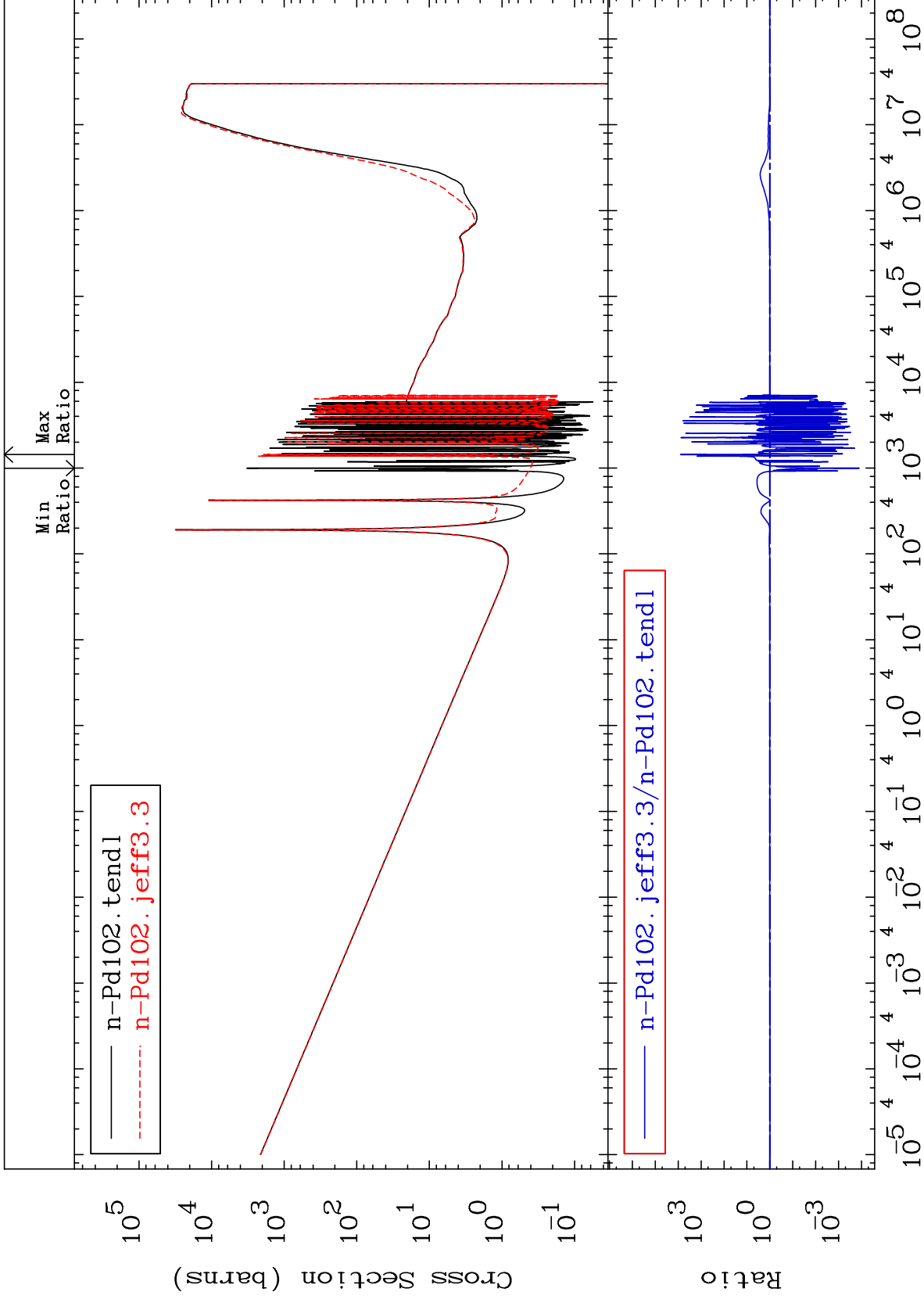


76

Incident Energy (eV)

46-Pd-102





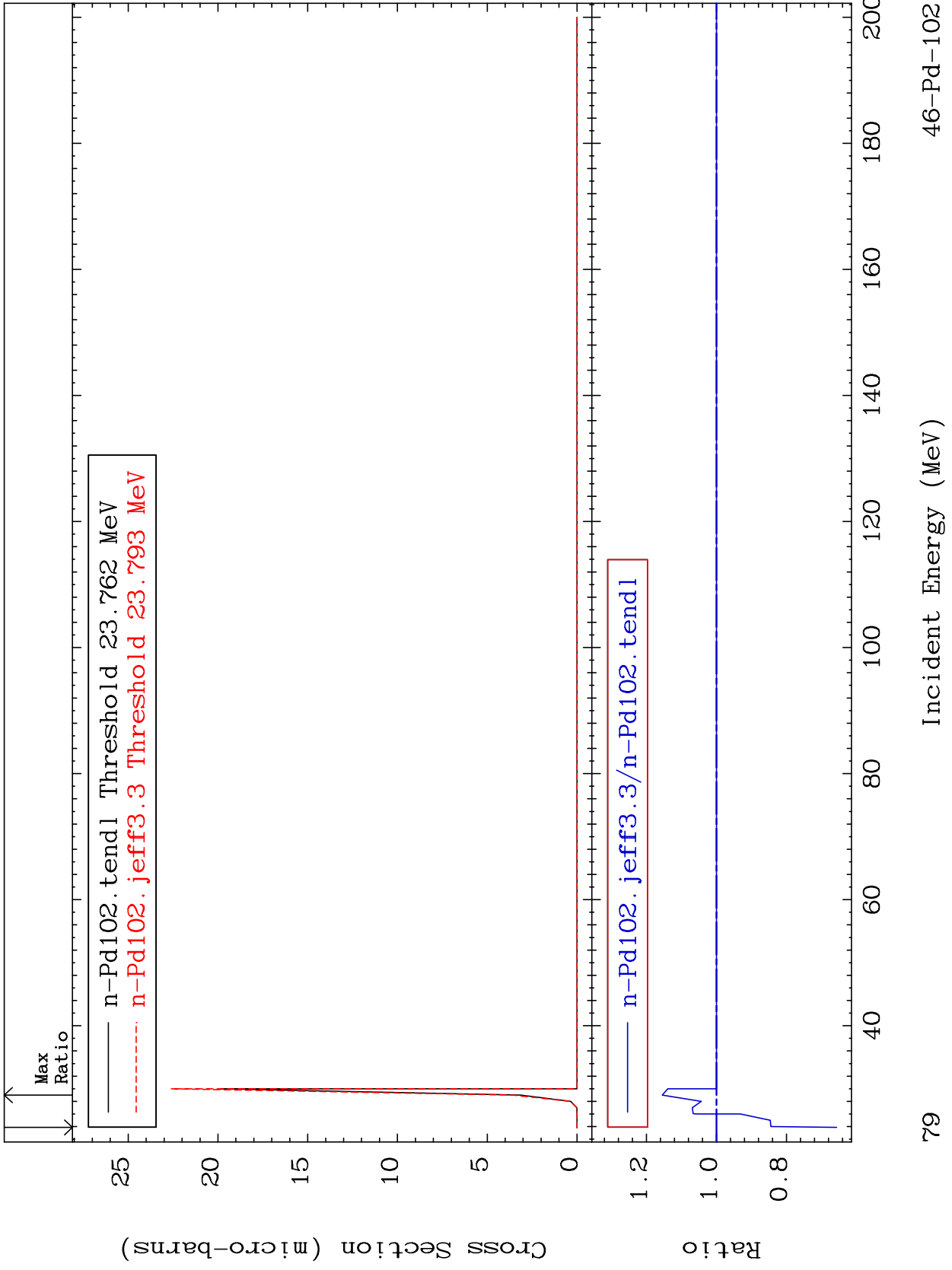
MAT 4625

(n,2n) d:45-Rh-99g

46-Pd-102

Radionuclide Production Cross Section

-34.35 To 15.46 %



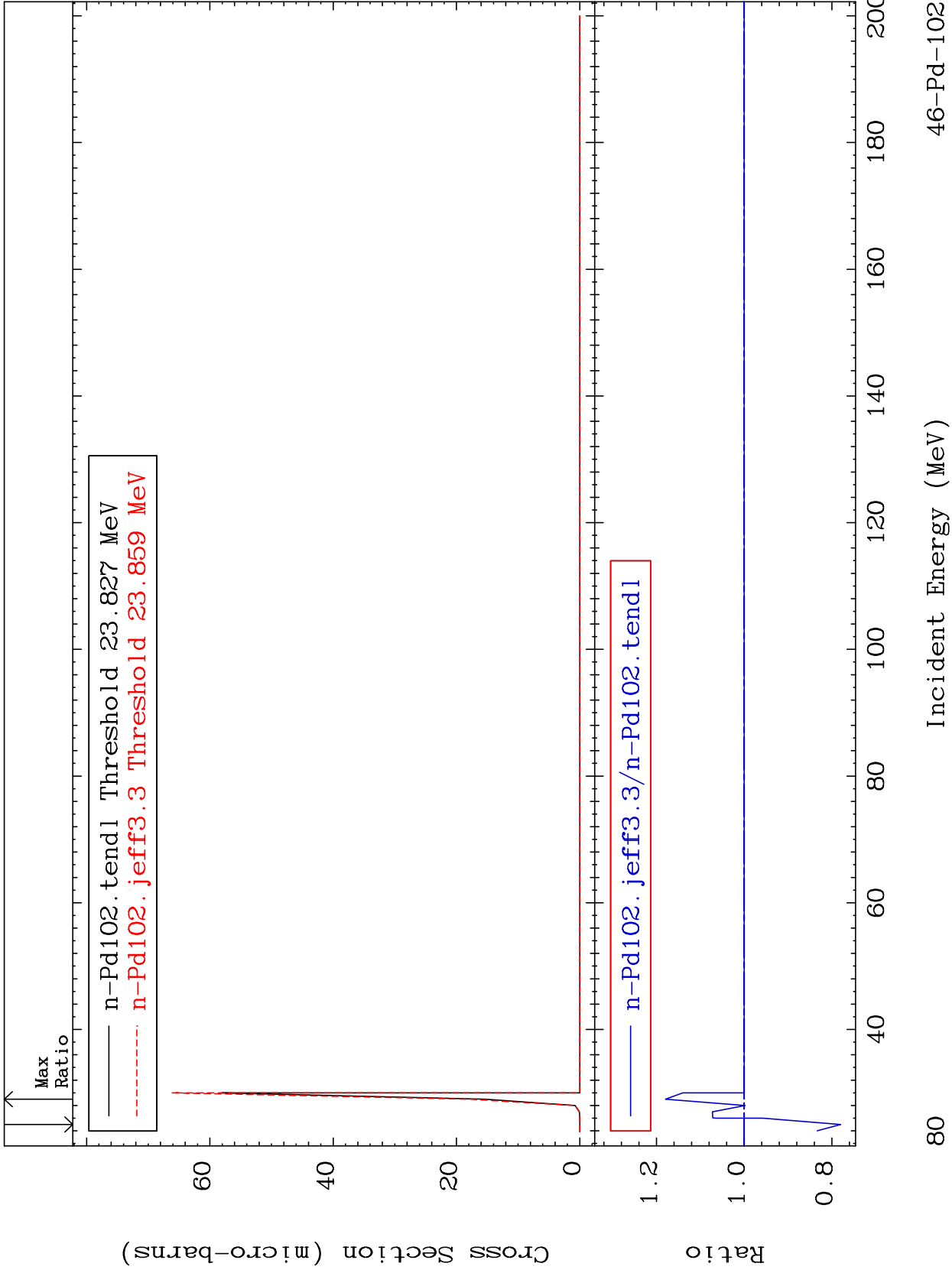
MAT 4625

(n,2n) d:45-Rh-99m1

46-Pd-102

Radionuclide Production Cross Section

-22.00 To 17.95 %



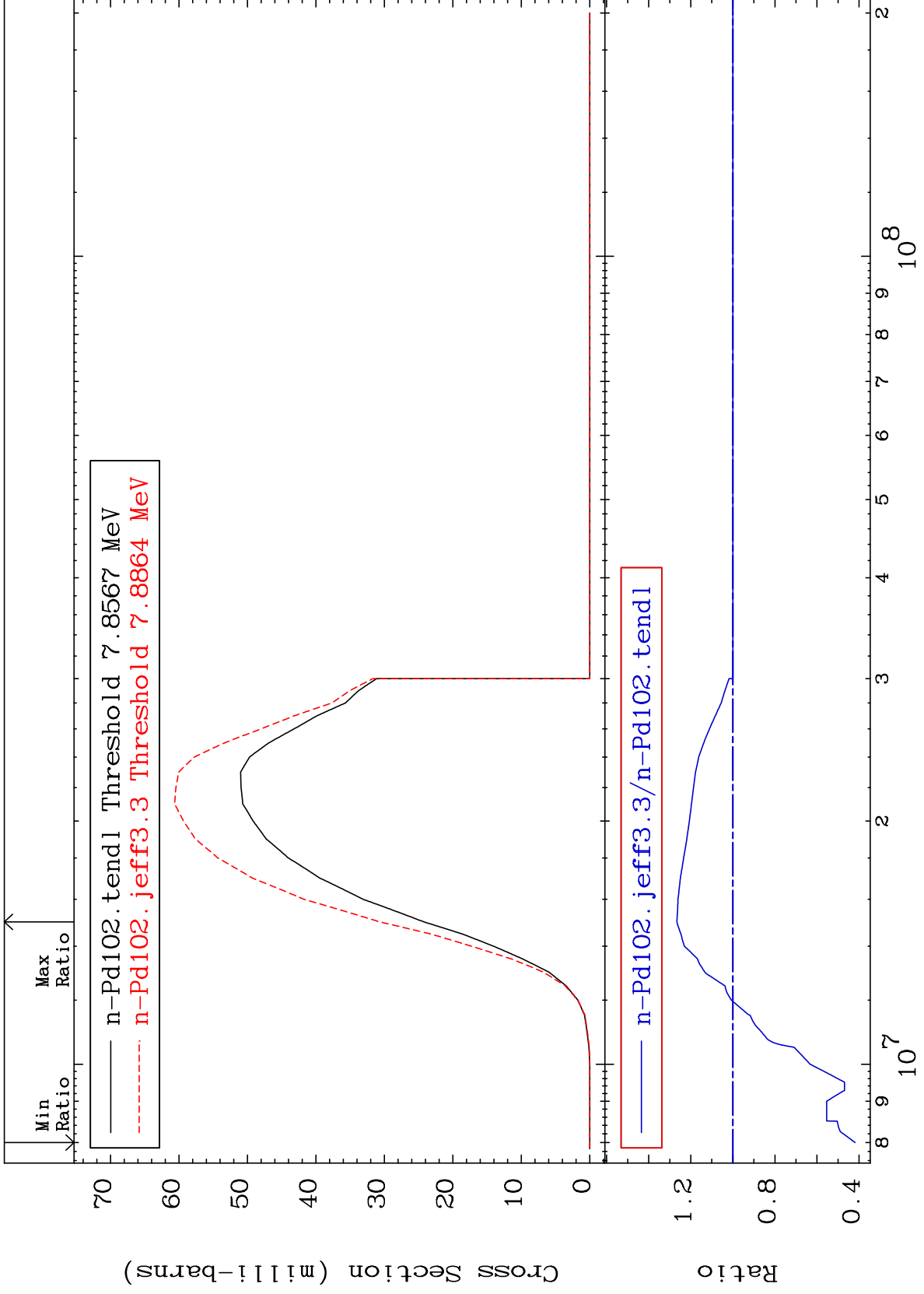


MAT 4625

(n, n') p: 45-Rh-101g

46-Pd-102

Radionuclide Production Cross Section -58.11 To 26.59 %

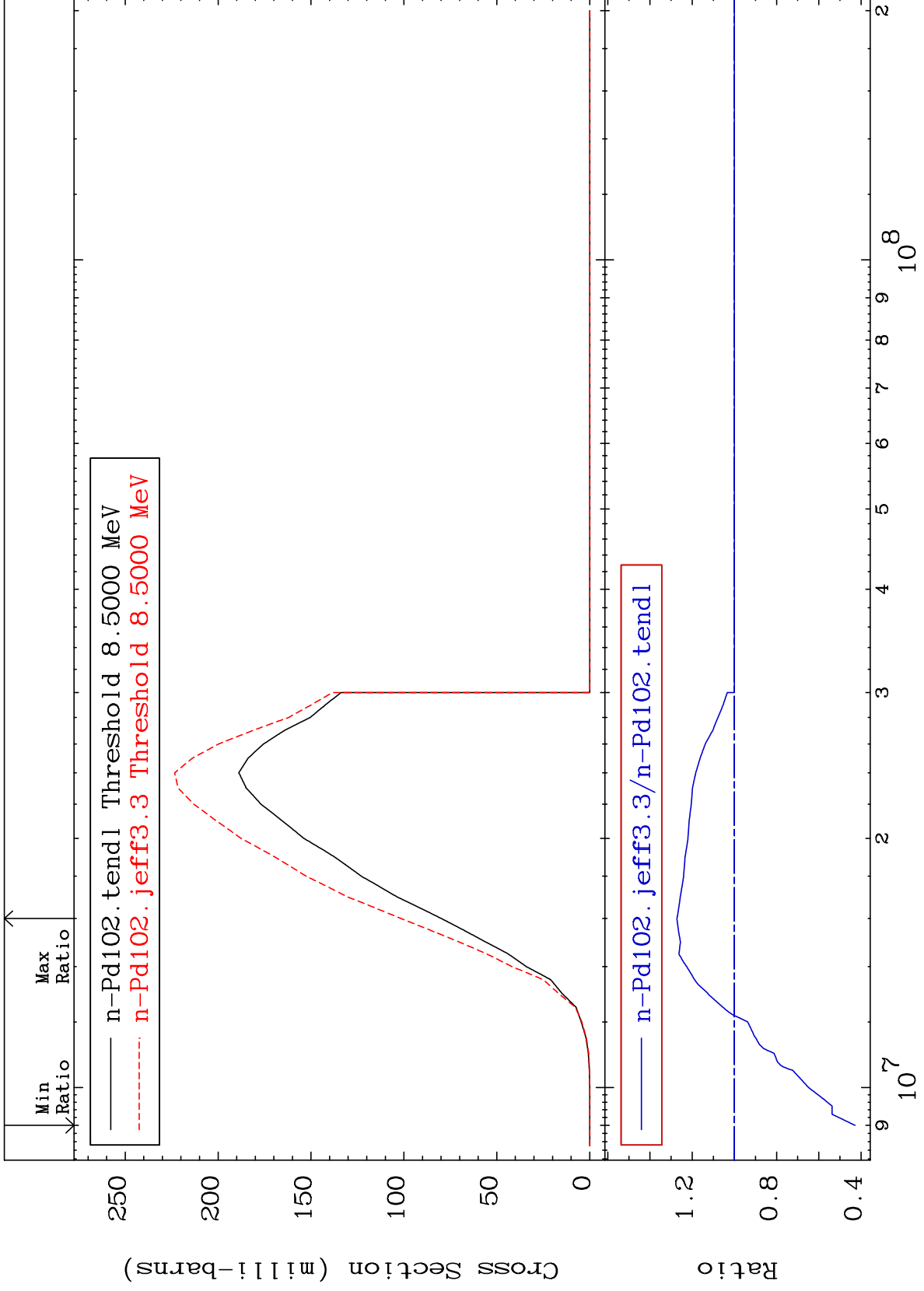


MAT 4625

(n, n') p: 45-Rh-101m1

46-Pd-102

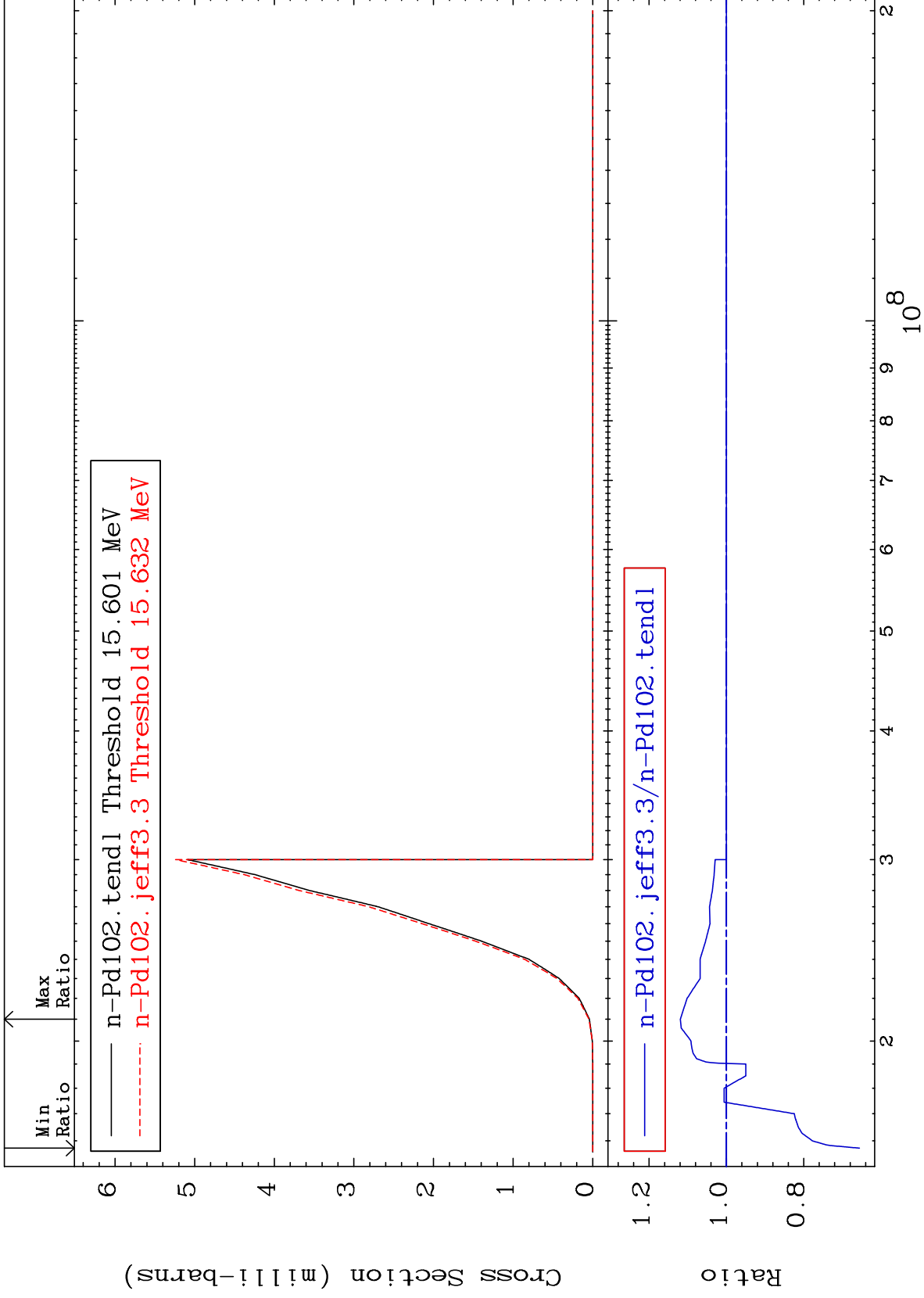
Radionuclide Production Cross Section -57.19 To 27.24 %



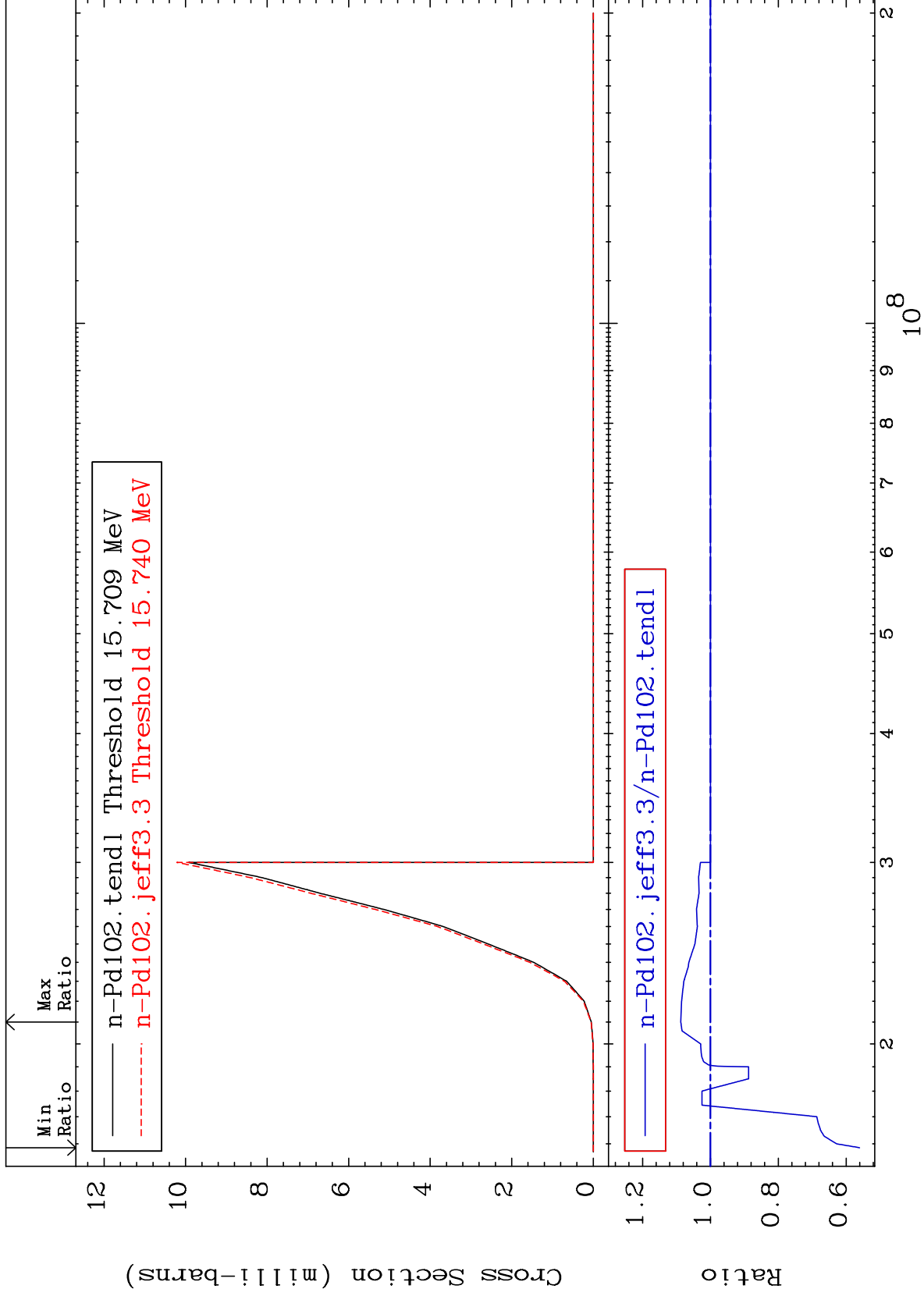
82

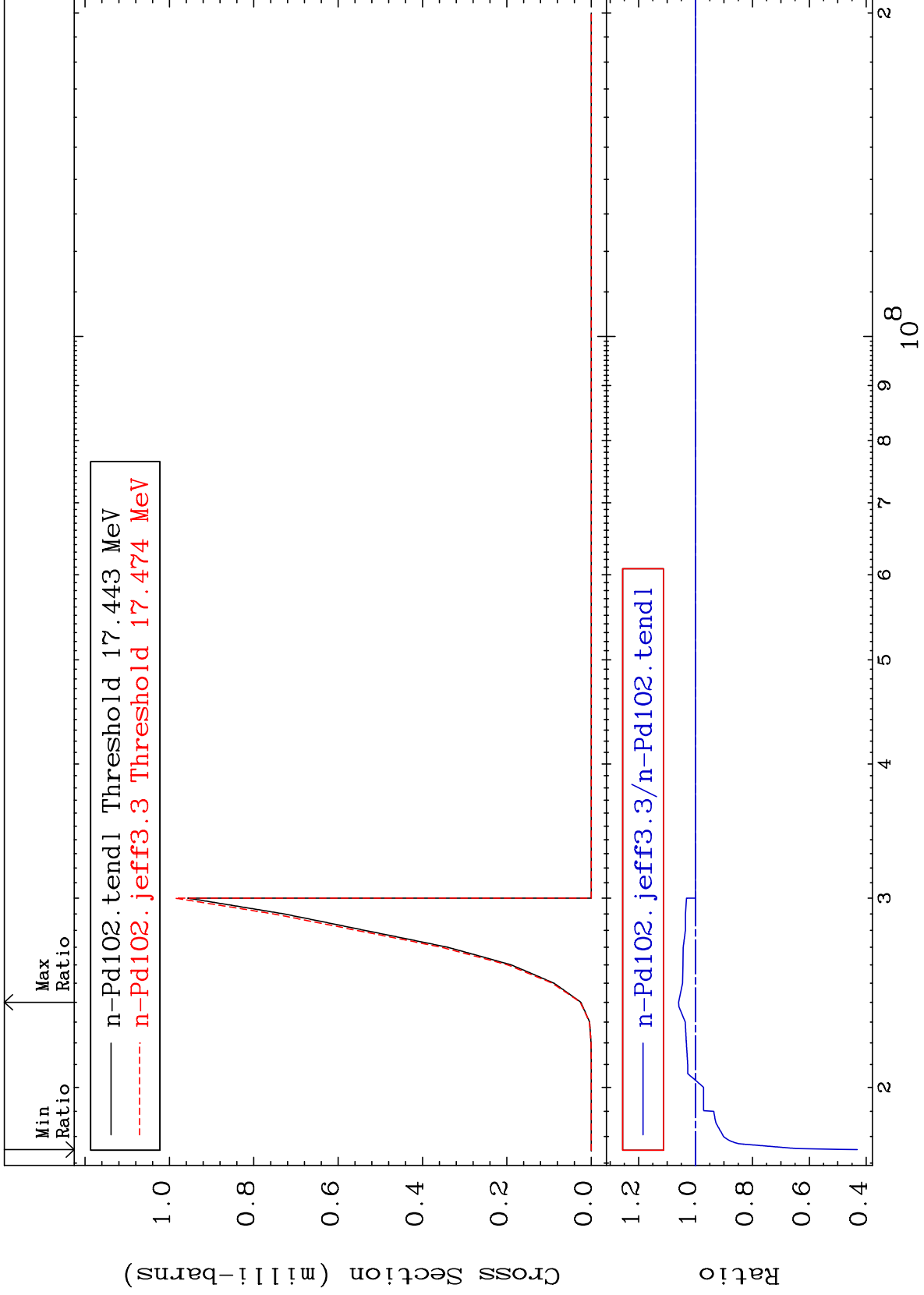
Incident Energy (eV)

46-Pd-102

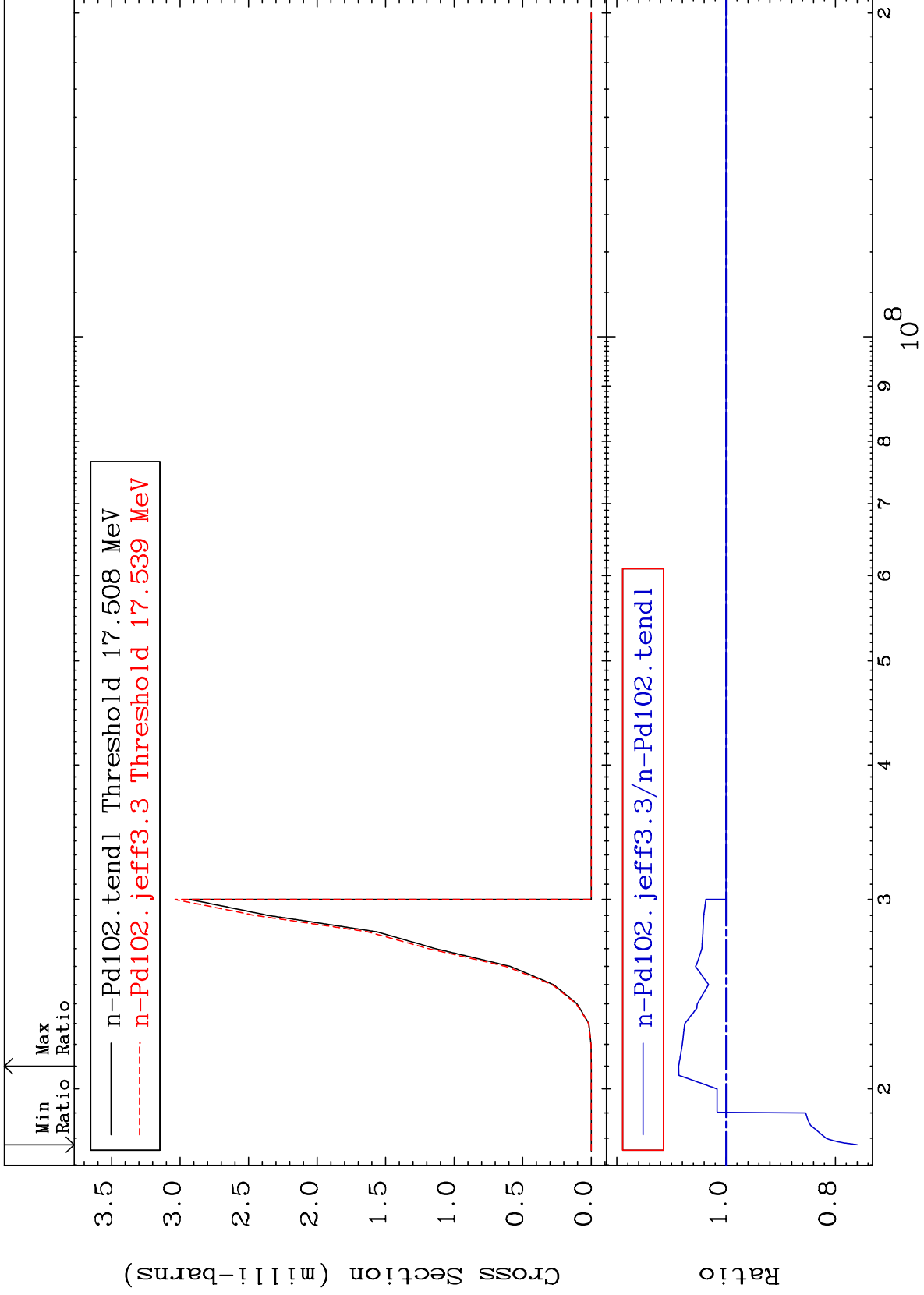


Radionuclide Production Cross Section -43.96 To 8.736 %





Radionuclide Production Cross Section -24.01 To 8.690 %

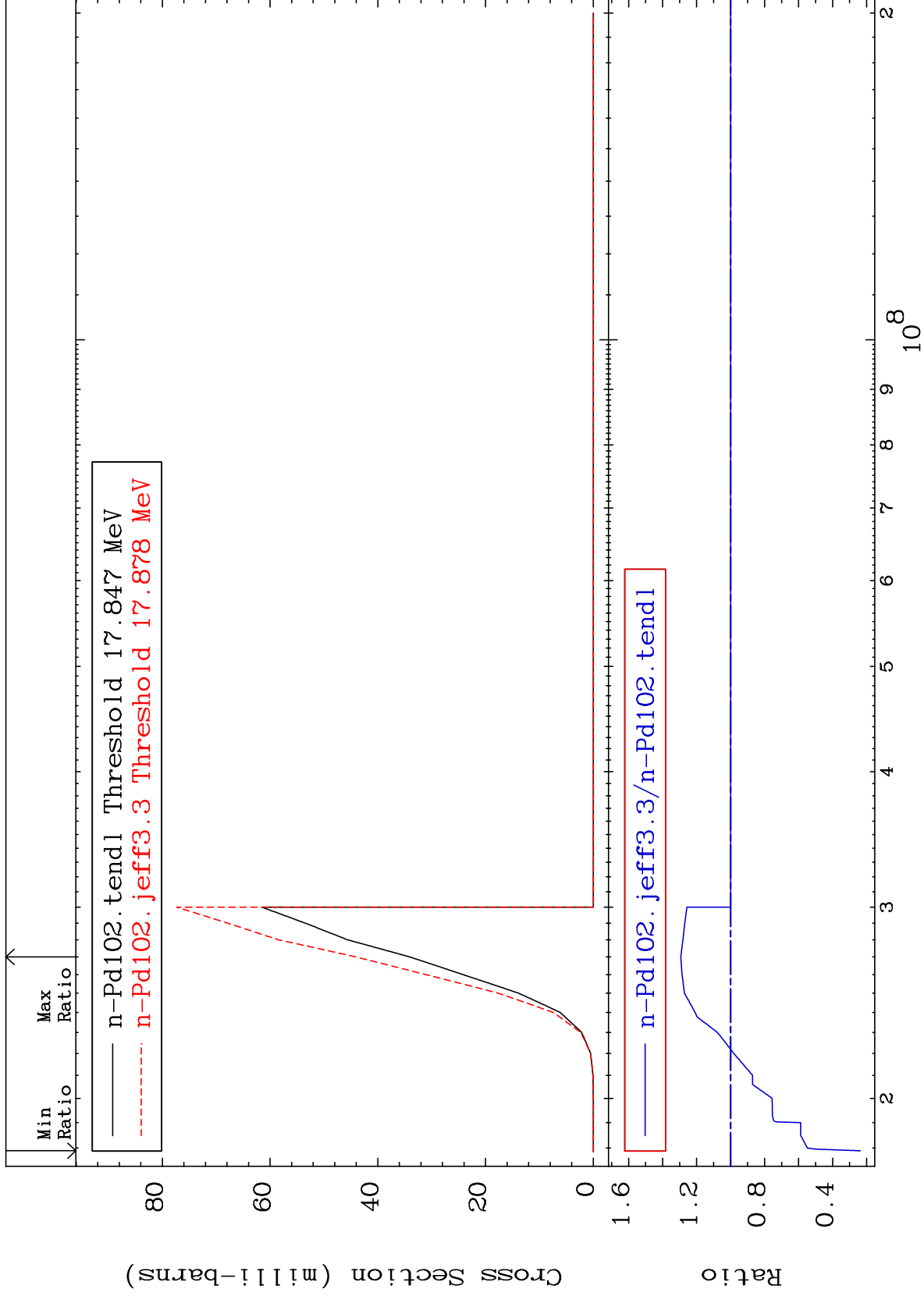


MAT 4625

(n,2n) p:45-Rh-100g

46-Pd-102

Radionuclide Production Cross Section -75.84 To 29.32 %



87

Incident Energy (eV)

46-Pd-102

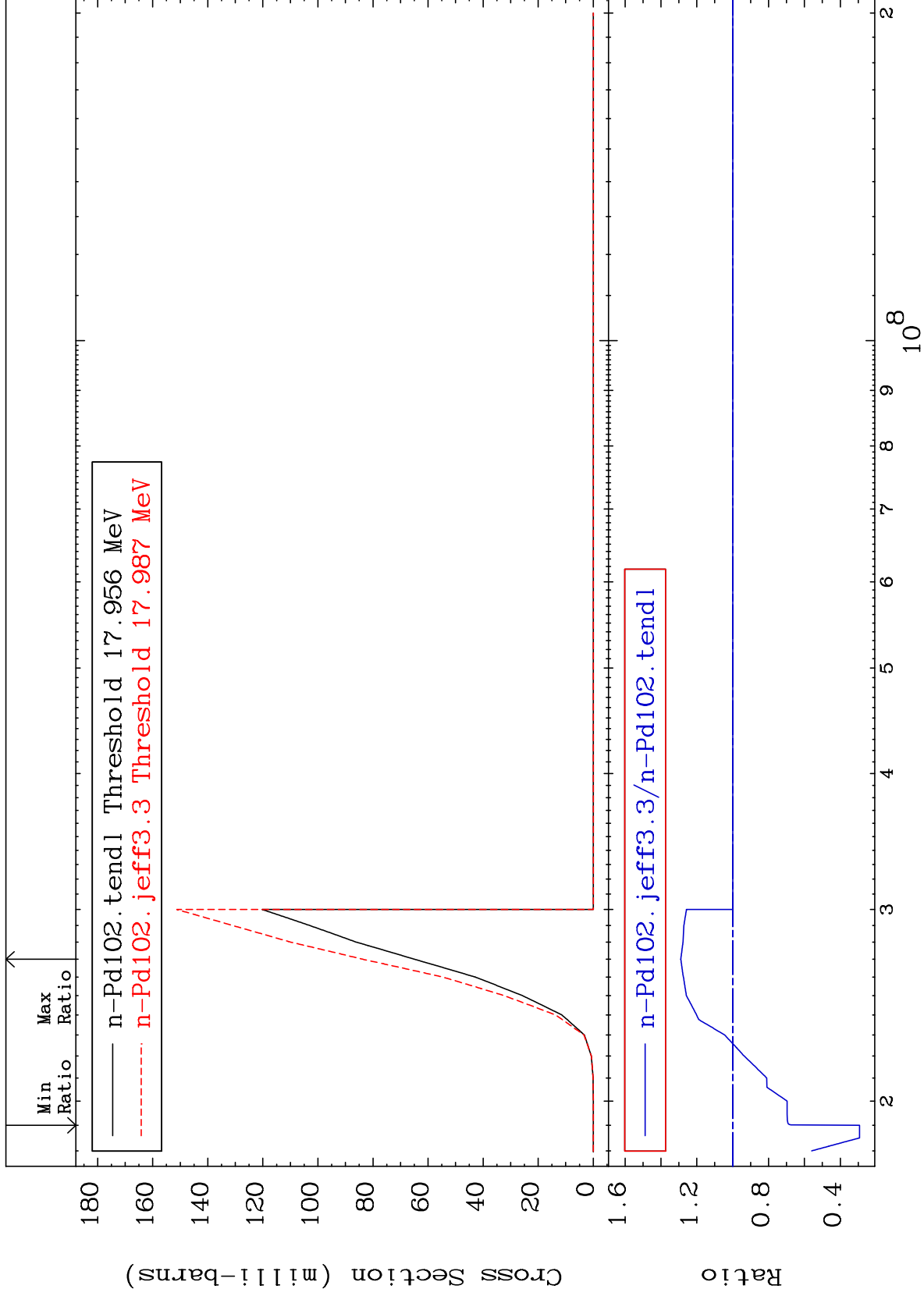
MAT 4625

(n,2n) p:45-Rh-100m4

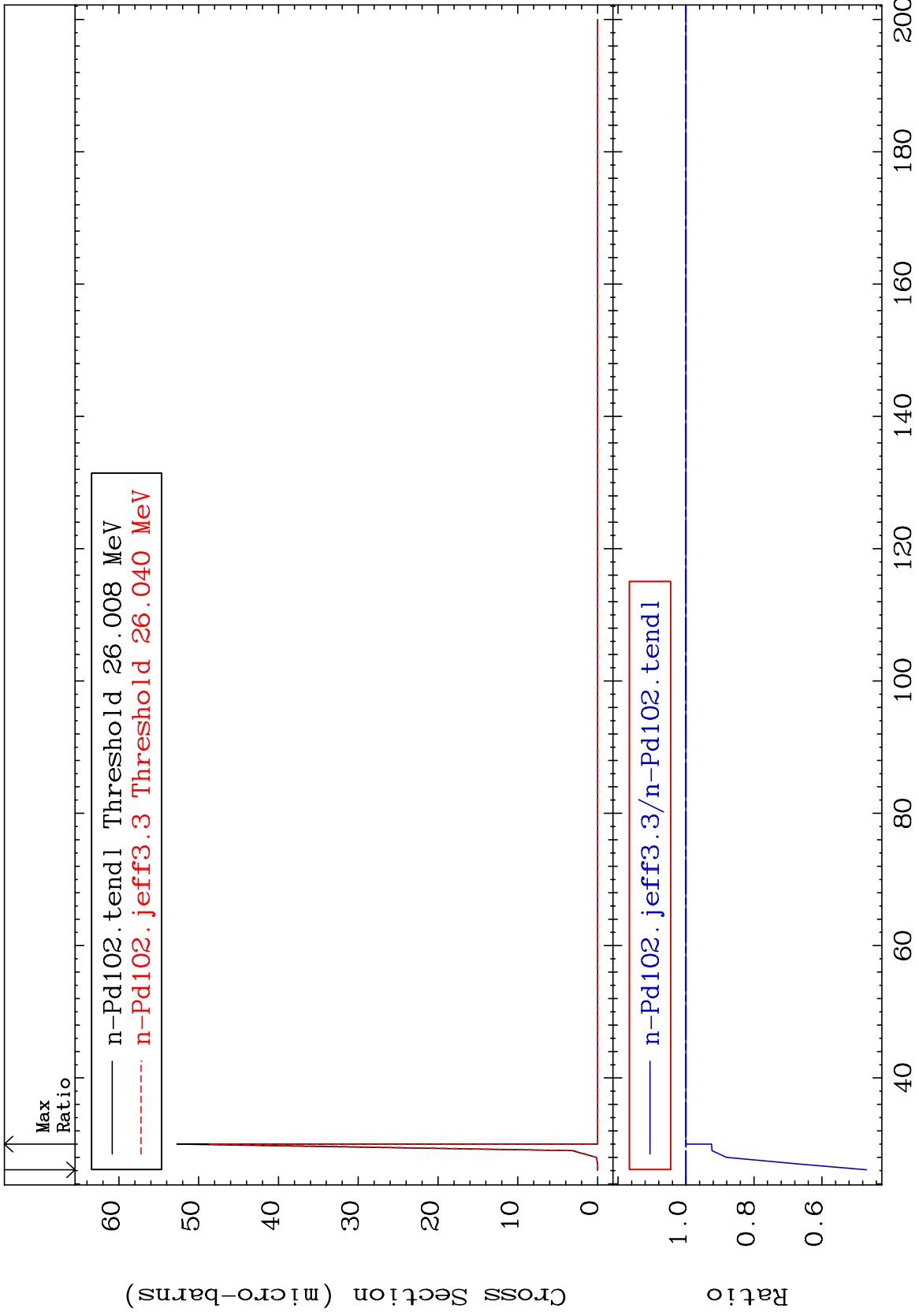
46-Pd-102

Radionuclide Production Cross Section

-70.73 To 28.94 %





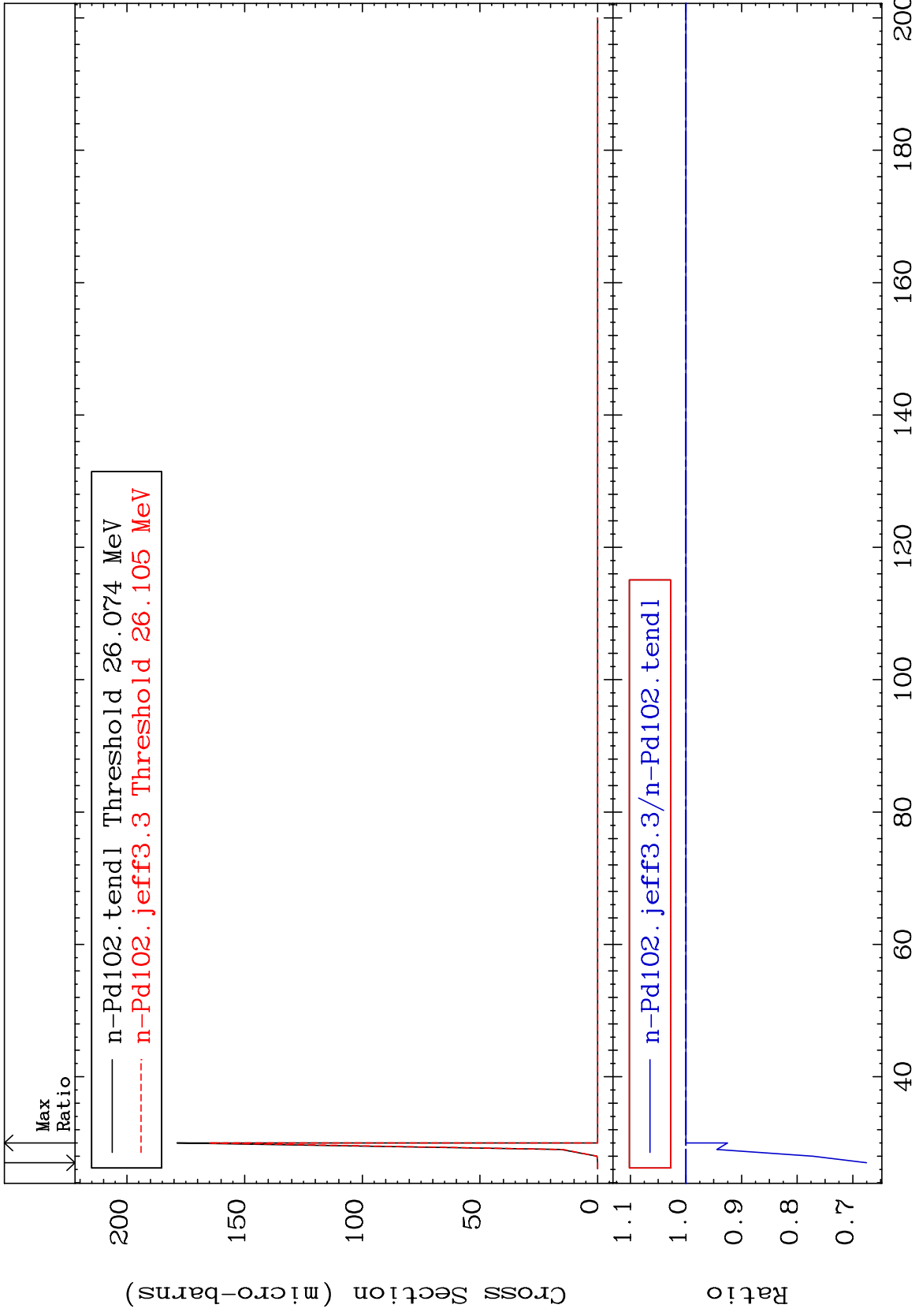


MAT 4625

(n,3n) p:45-Rh-99m1

46-Pd-102

Radionuclide Production Cross Section -32.47 To 0.000 %



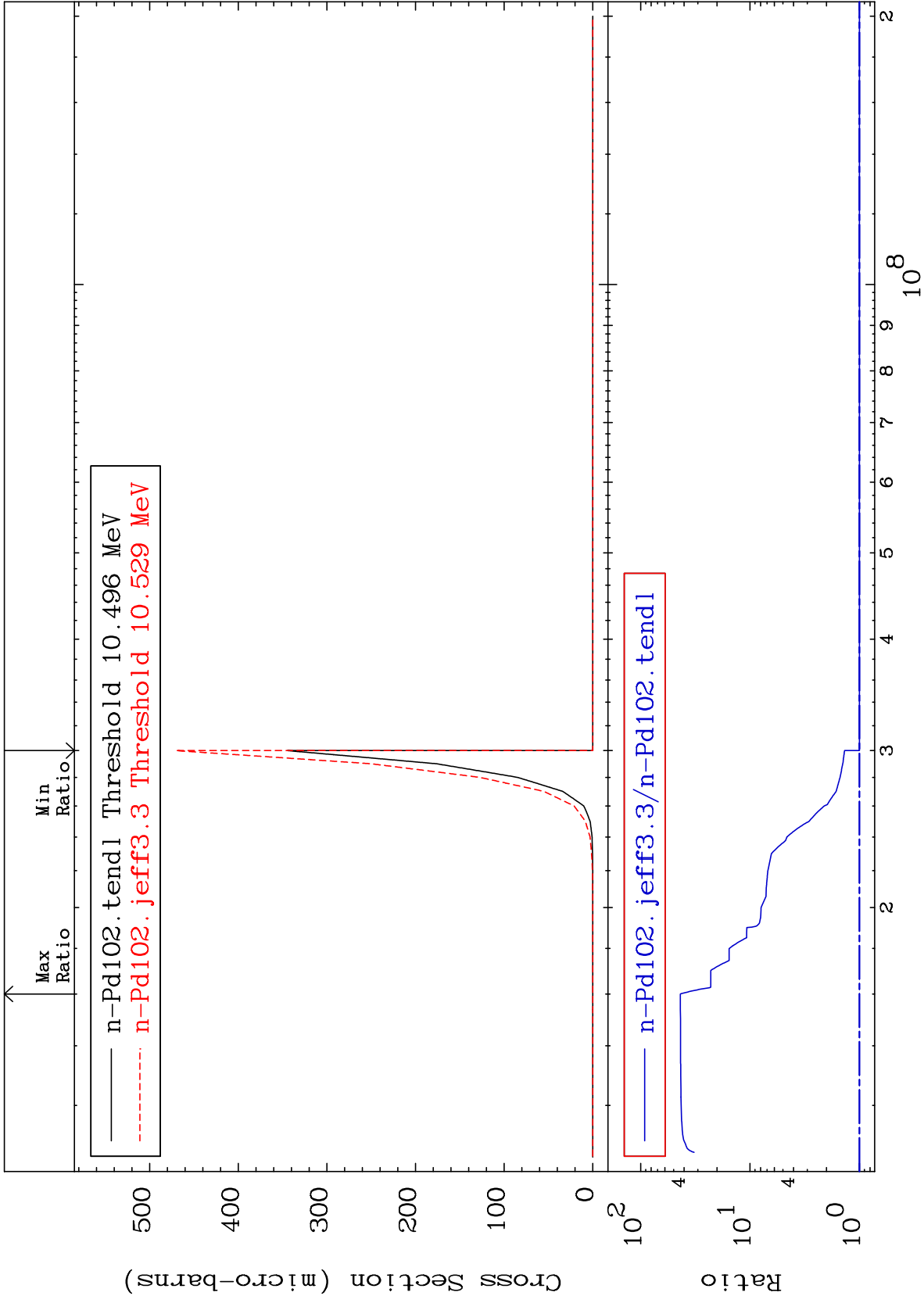
90

Incident Energy (MeV)

46-Pd-102

MAT 4625

(n,n') p  $\alpha$ :43-Tc-97g 46-Pd-102  
Radionuclide Production Cross Section 0.000 To 4232. %

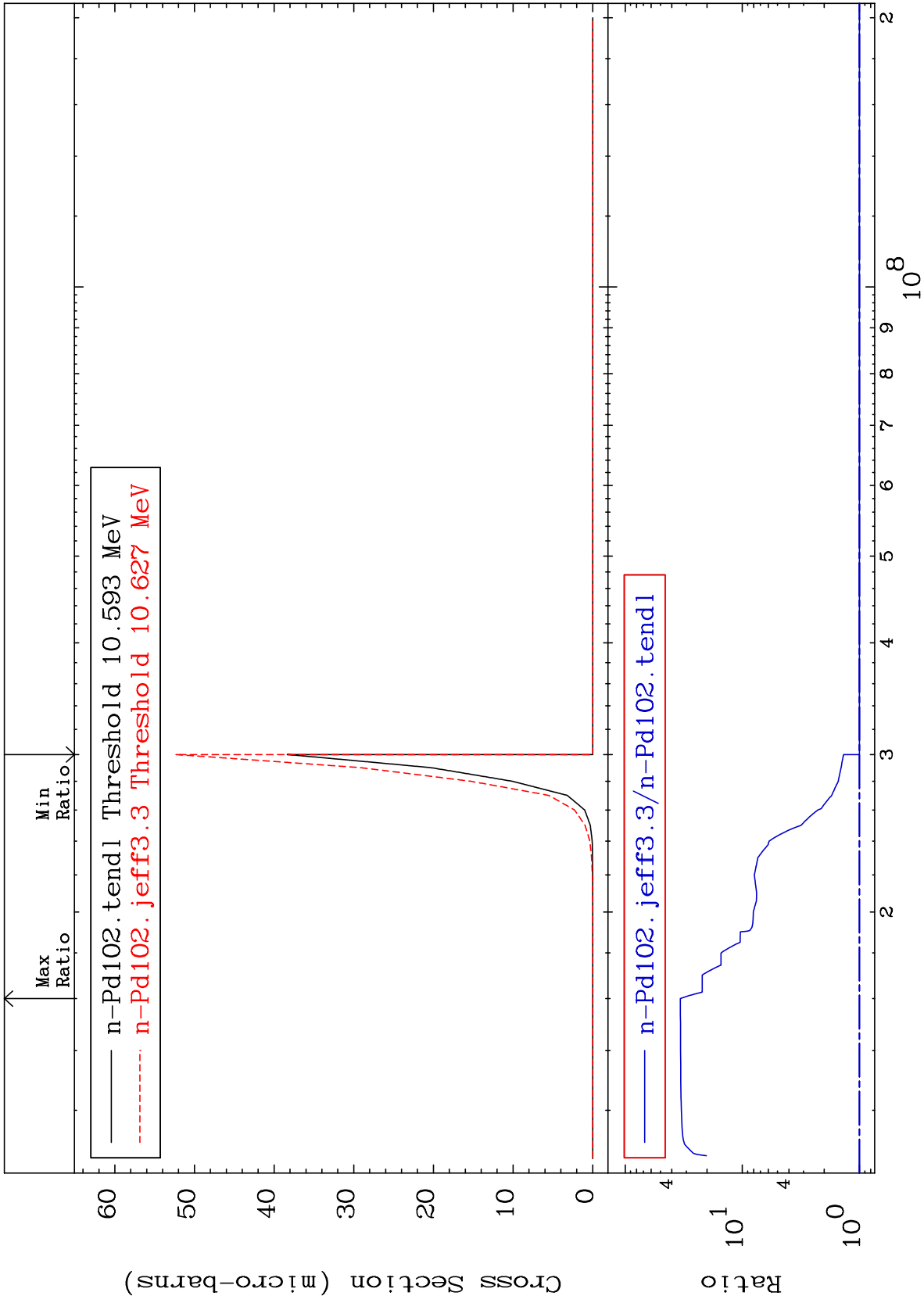


MAT 4625

(n, n') p  $\alpha$ : 43-Tc-97m1

46-Pd-102

Radionuclide Production Cross Section 0.000 To 3280. %



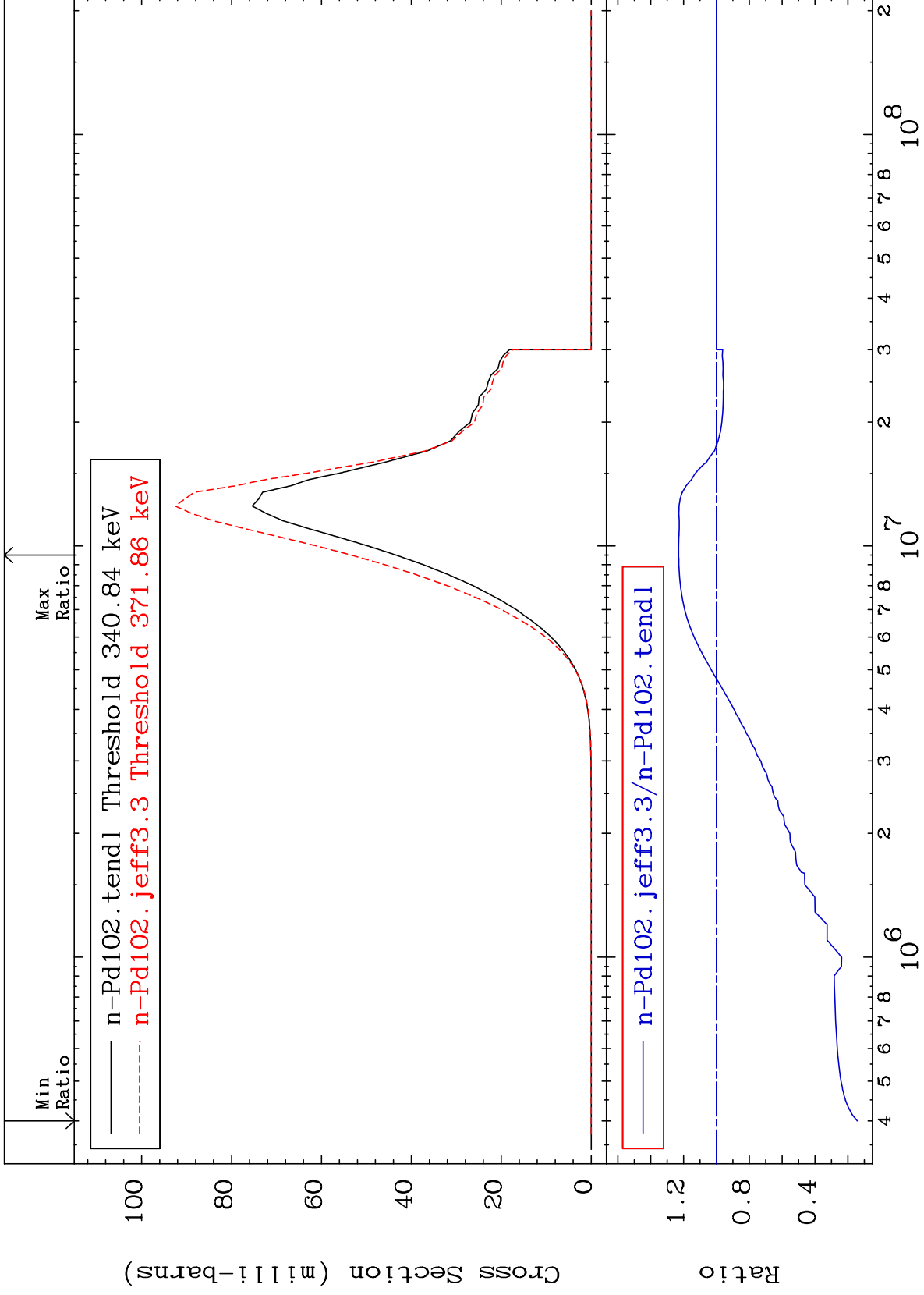
MAT 4625

(n, p) : 45-Rh-102g

46-Pd-102

Radionuclide Production Cross Section

-85.73 To 23.03 %

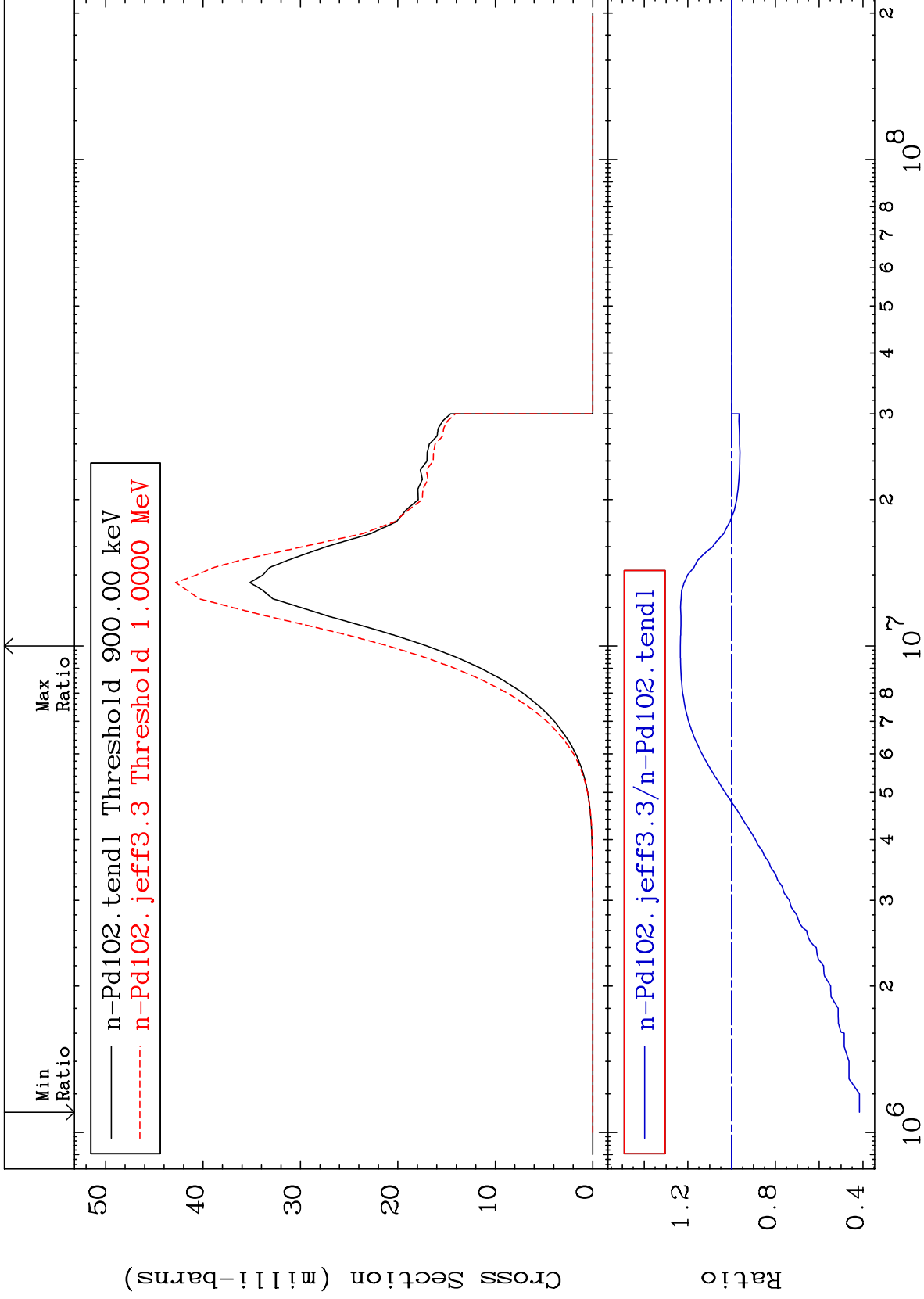


MAT 4625

(n, p) : 45-Rh-102m5

46-Pd-102

Radionuclide Production Cross Section -58.34 To 23.46 %

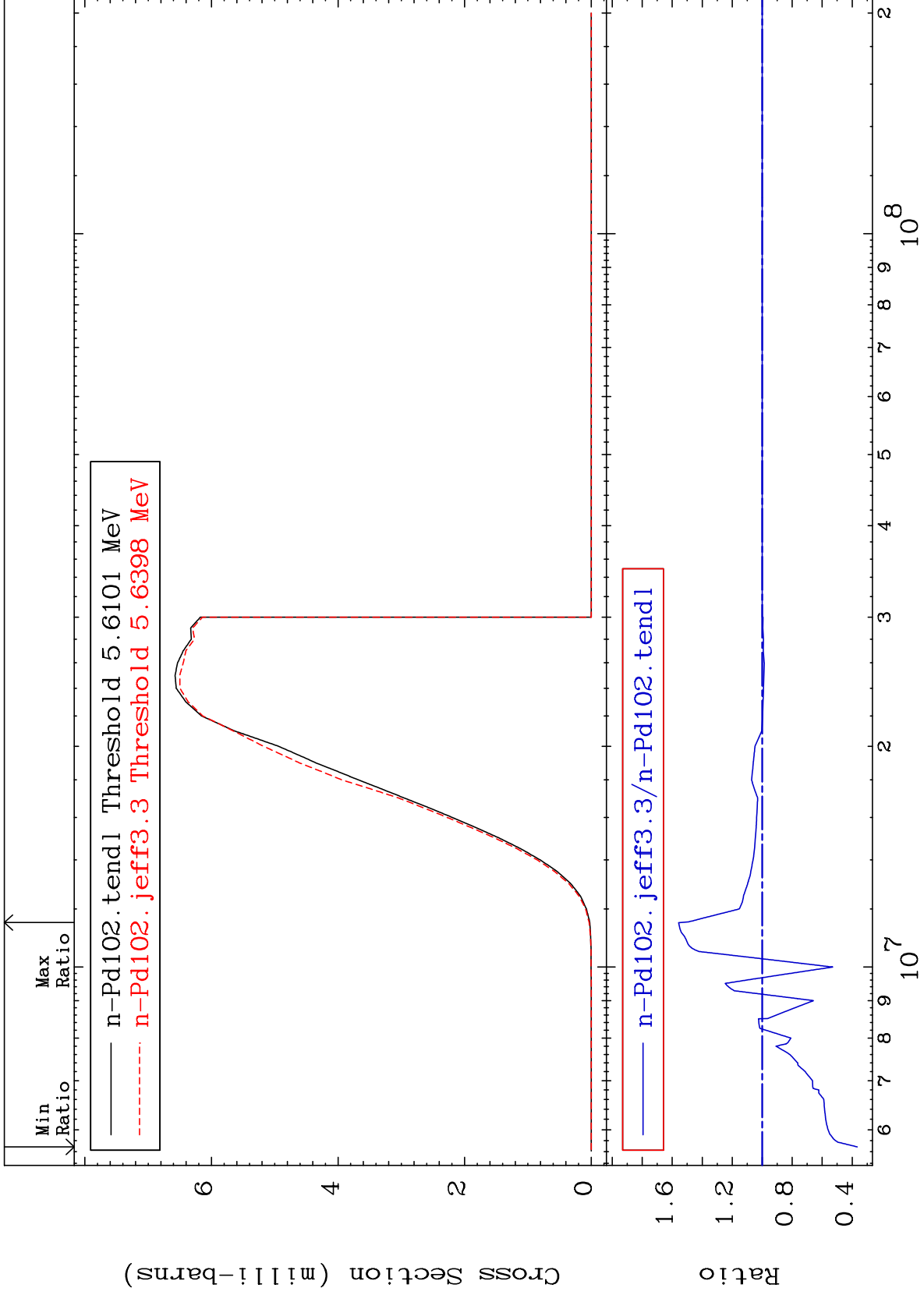


MAT 4625

(n, d) : 45-Rh-101g

46-Pd-102

Radionuclide Production Cross Section -63.40 To 55.72 %



95

Incident Energy (eV)

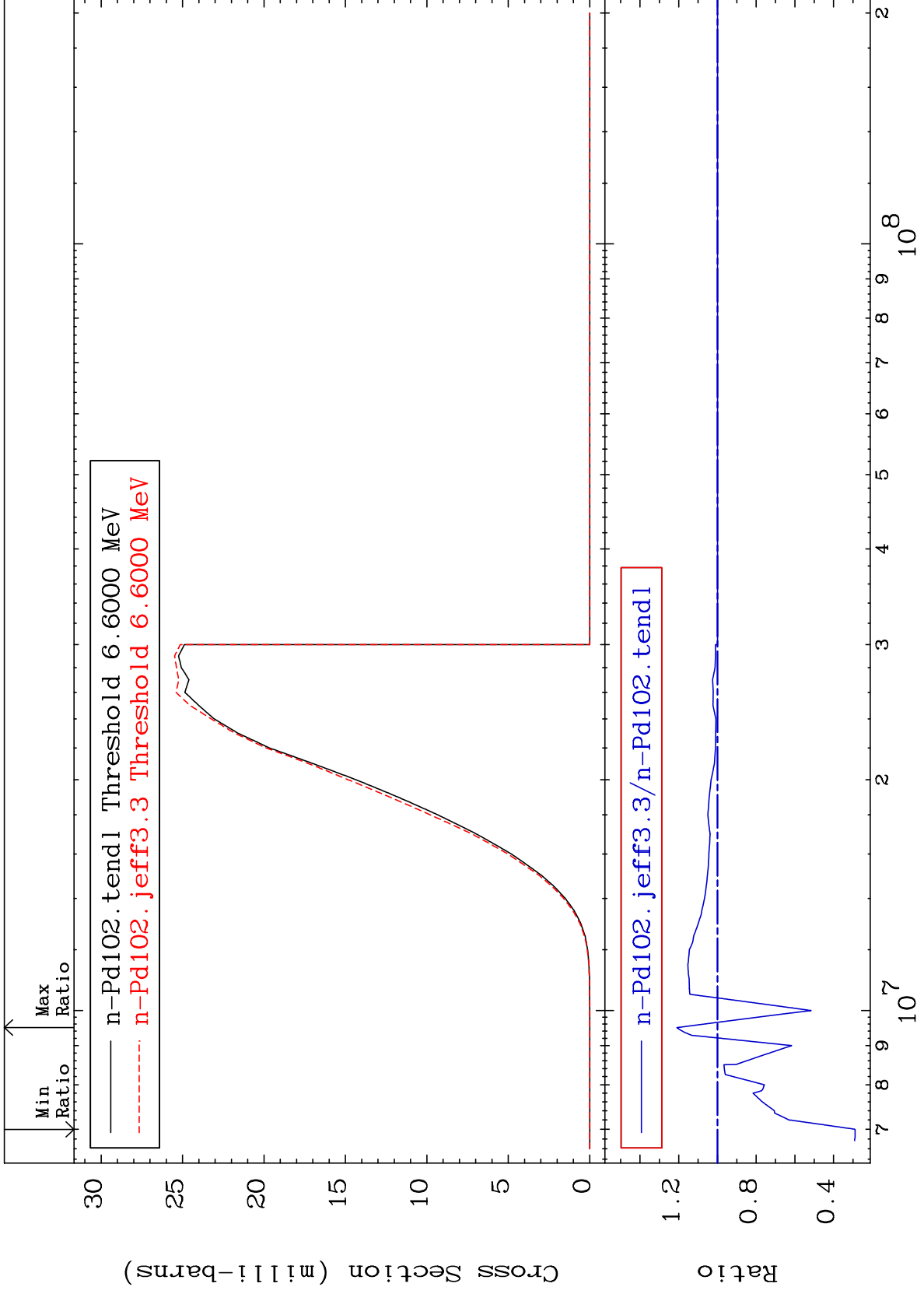
46-Pd-102

MAT 4625

(n, d) : 45-Rh-101m1

46-Pd-102

Radionuclide Production Cross Section -71.12 To 20.93 %



96

46-Pd-102

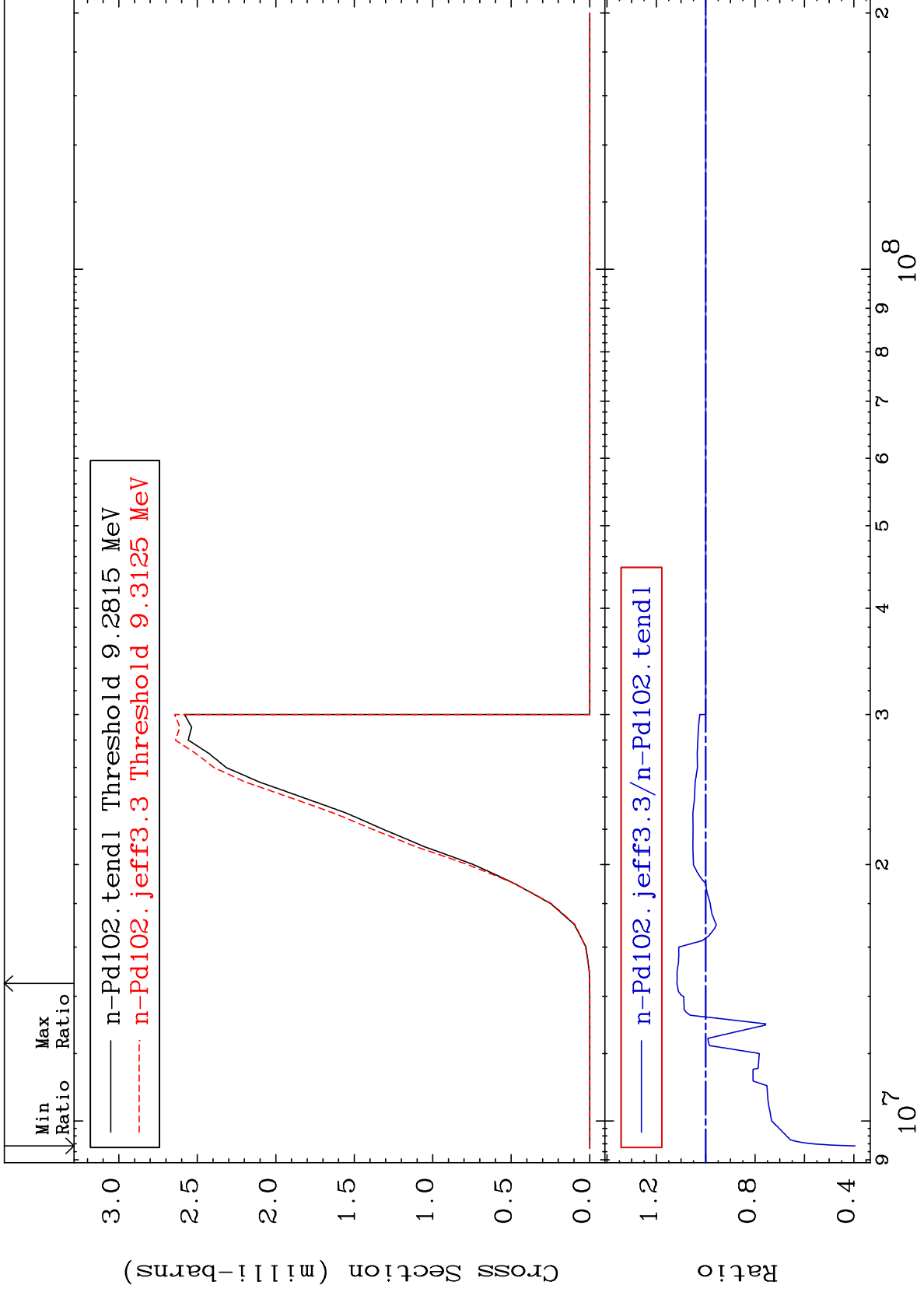


MAT 4625

(n, t) : 45-Rh-100g

46-Pd-102

Radionuclide Production Cross Section -60.51 To 11.67 %



97

46-Pd-102

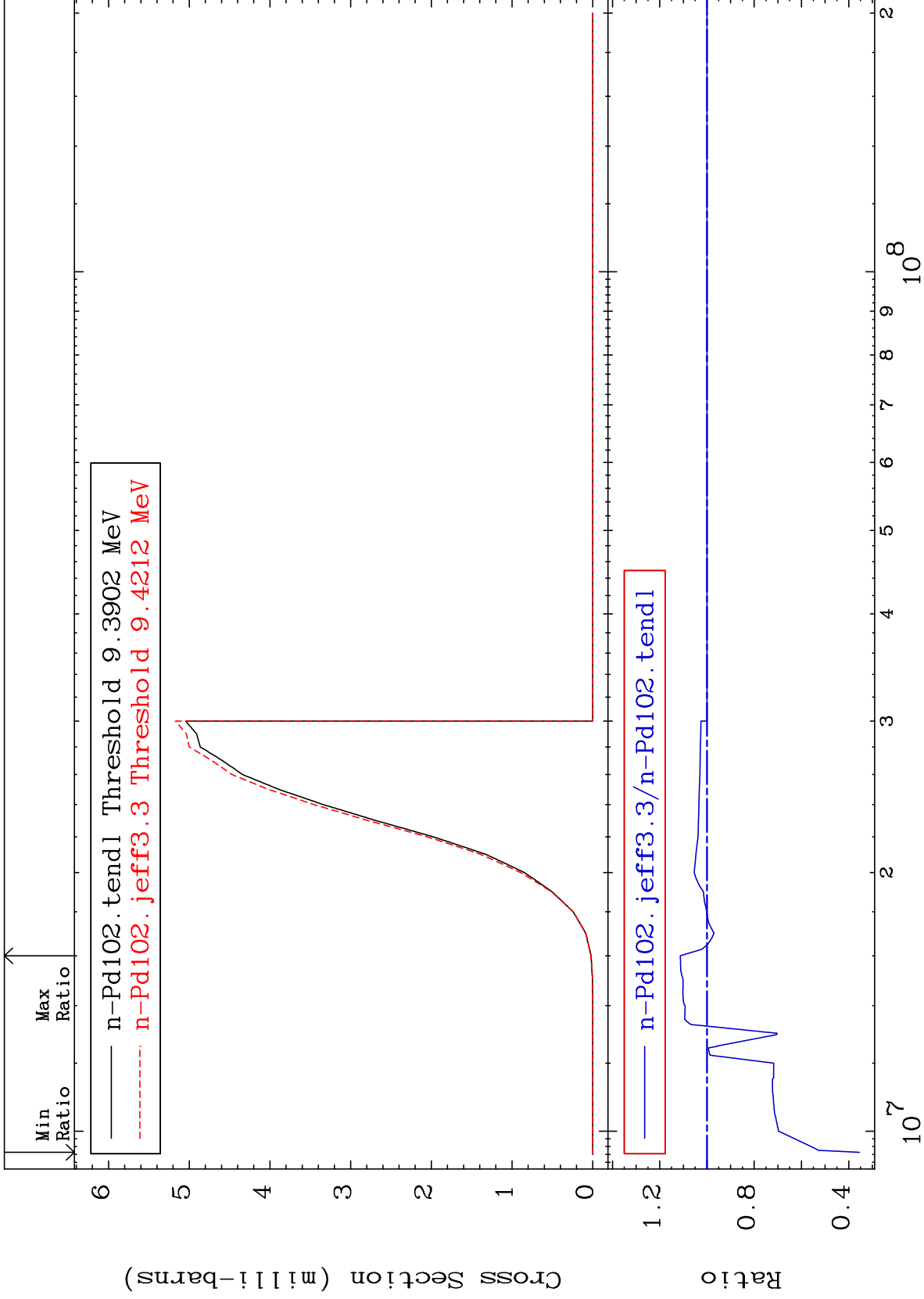
46-Pd-102

MAT 4625

(n, t) : 45-Rh-100m4

46-Pd-102

Radionuclide Production Cross Section -64.54 To 11.26 %



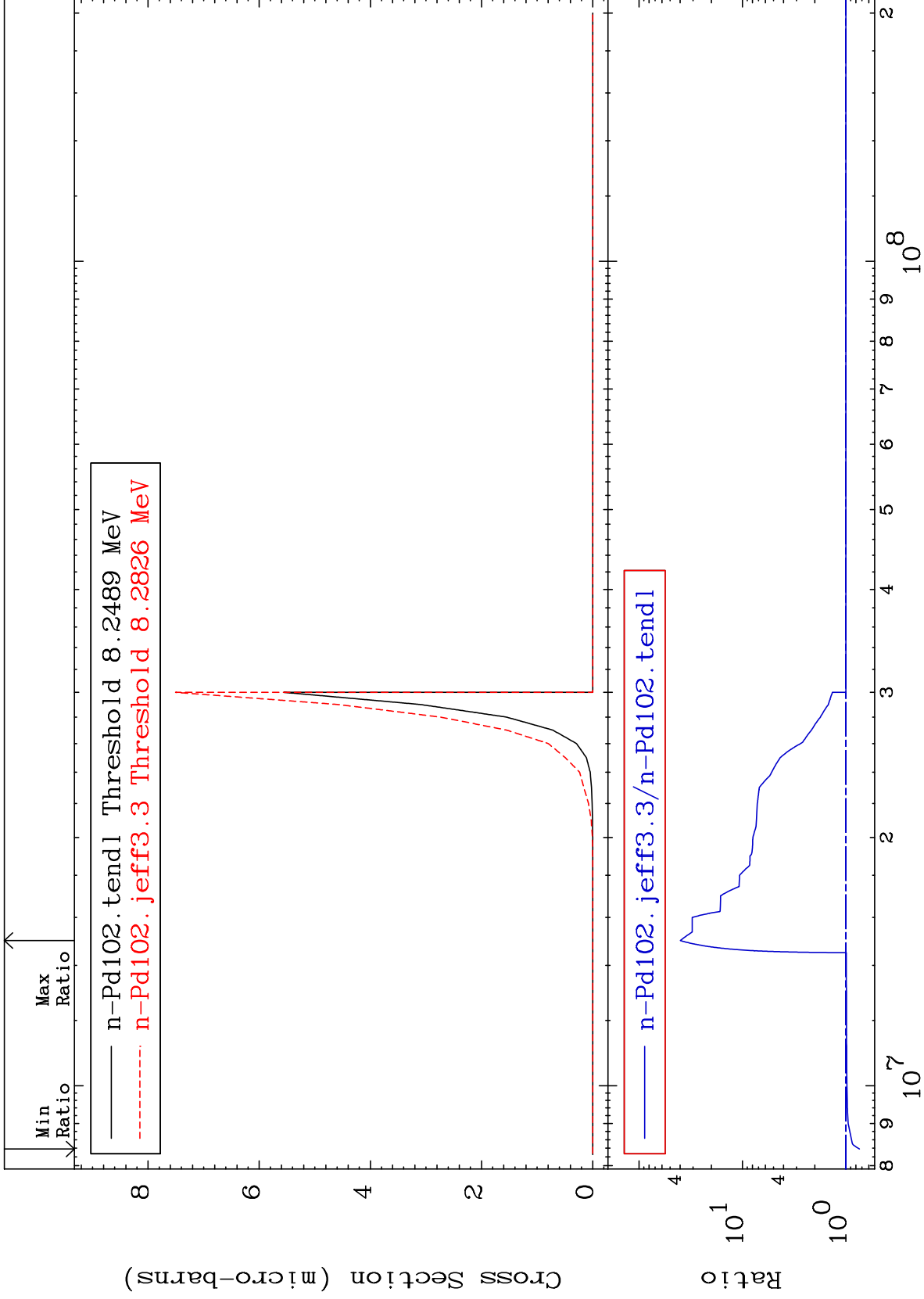
46-Pd-102

MAT 4625

(n, d)  $\alpha$ : 43-Tc-97g

46-Pd-102

Radionuclide Production Cross Section -26.03 To 3886. %



99

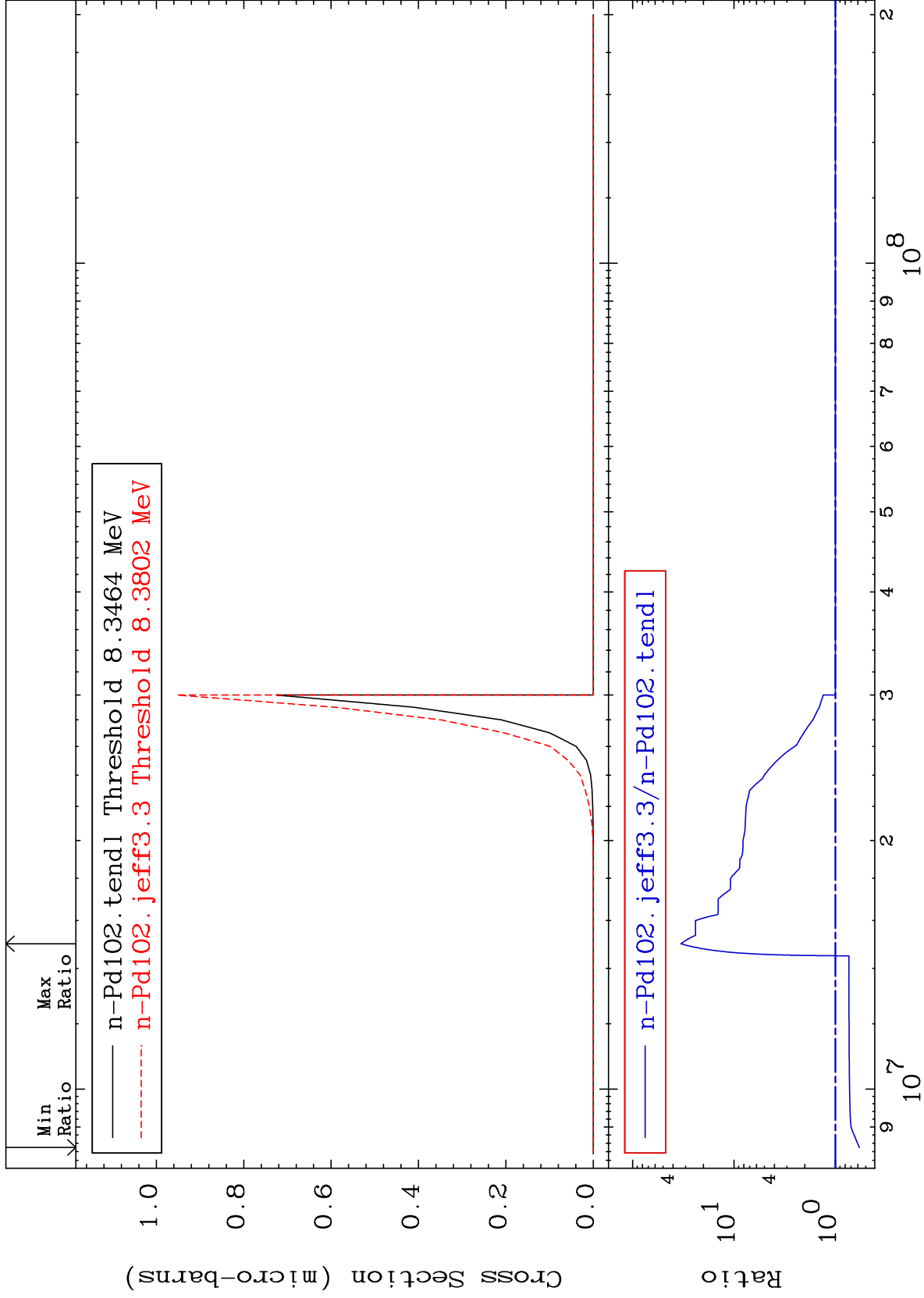
46-Pd-102

MAT 4625

(n, d)  $\alpha$ : 43-Tc-97m1

46-Pd-102

Radionuclide Production Cross Section -42.31 To 3248. %



46-Pd-102

Incident Energy (eV)