

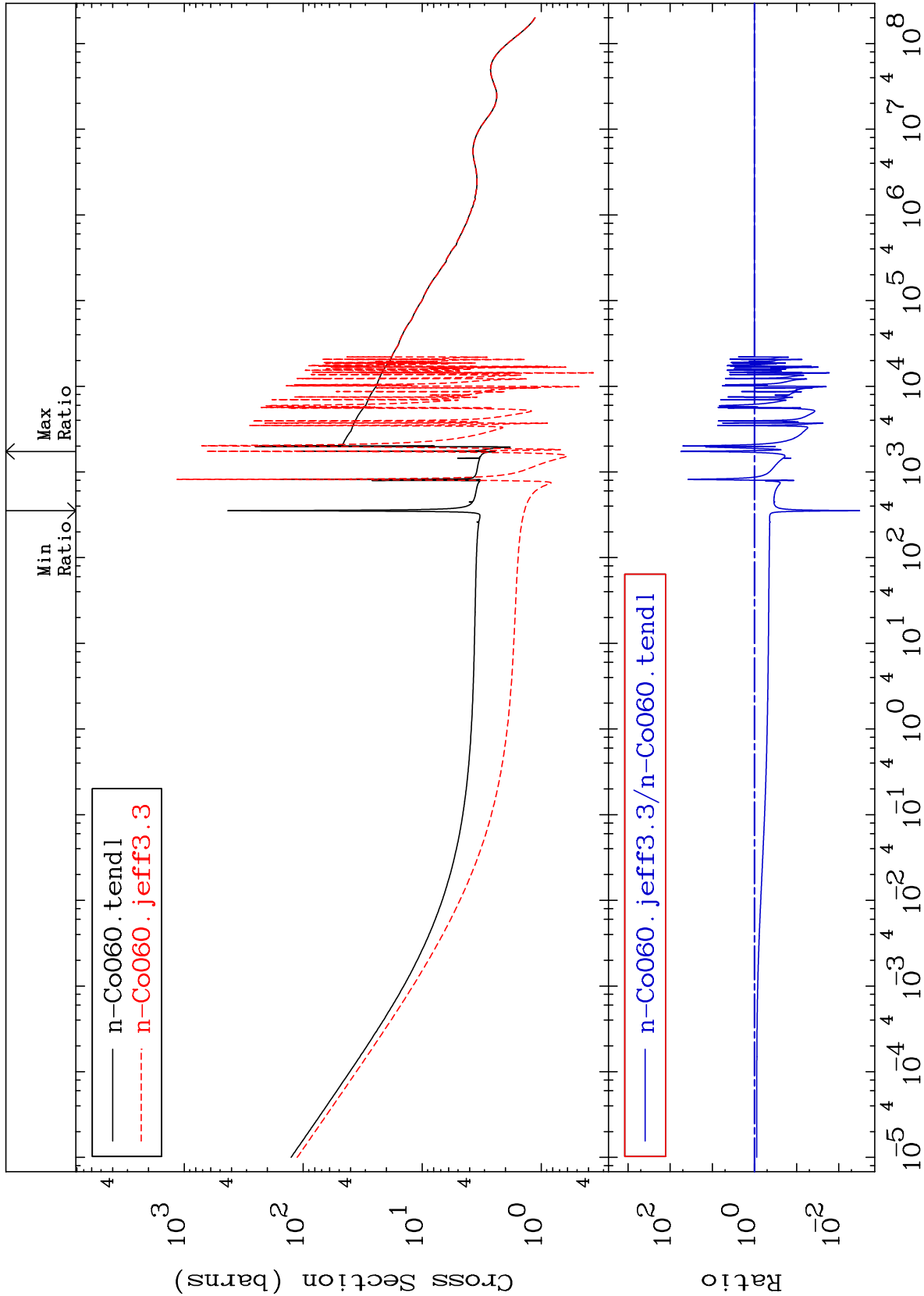
MAT 2728

Total

²⁷Co-60

Cross Section

-99.68 To 5498. %



Incident Energy (eV)

²⁷Co-60

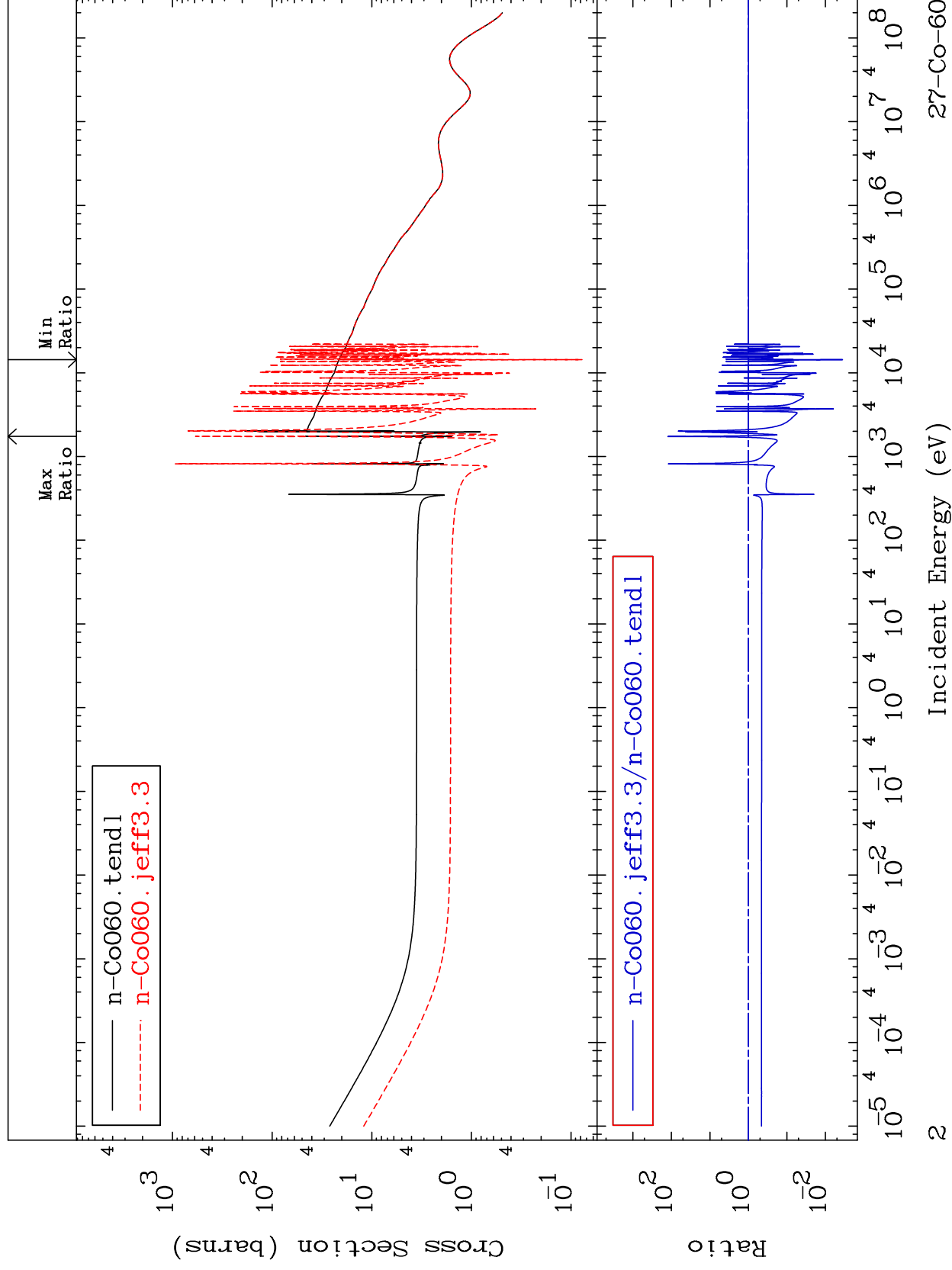
MAT 2728

Elastic

27-Co-60

Cross Section

-99.64 To 9999. %



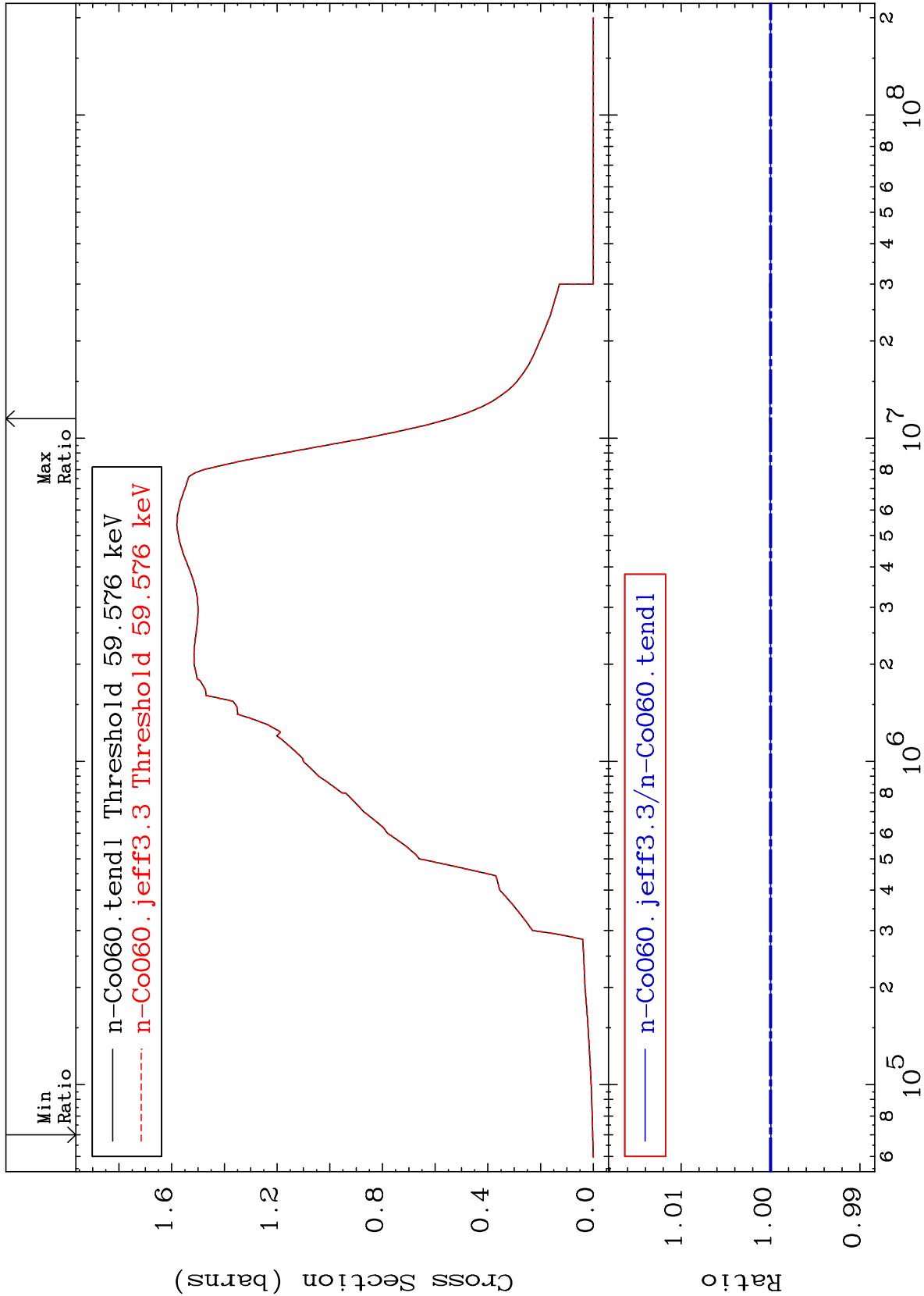
MAT 2728

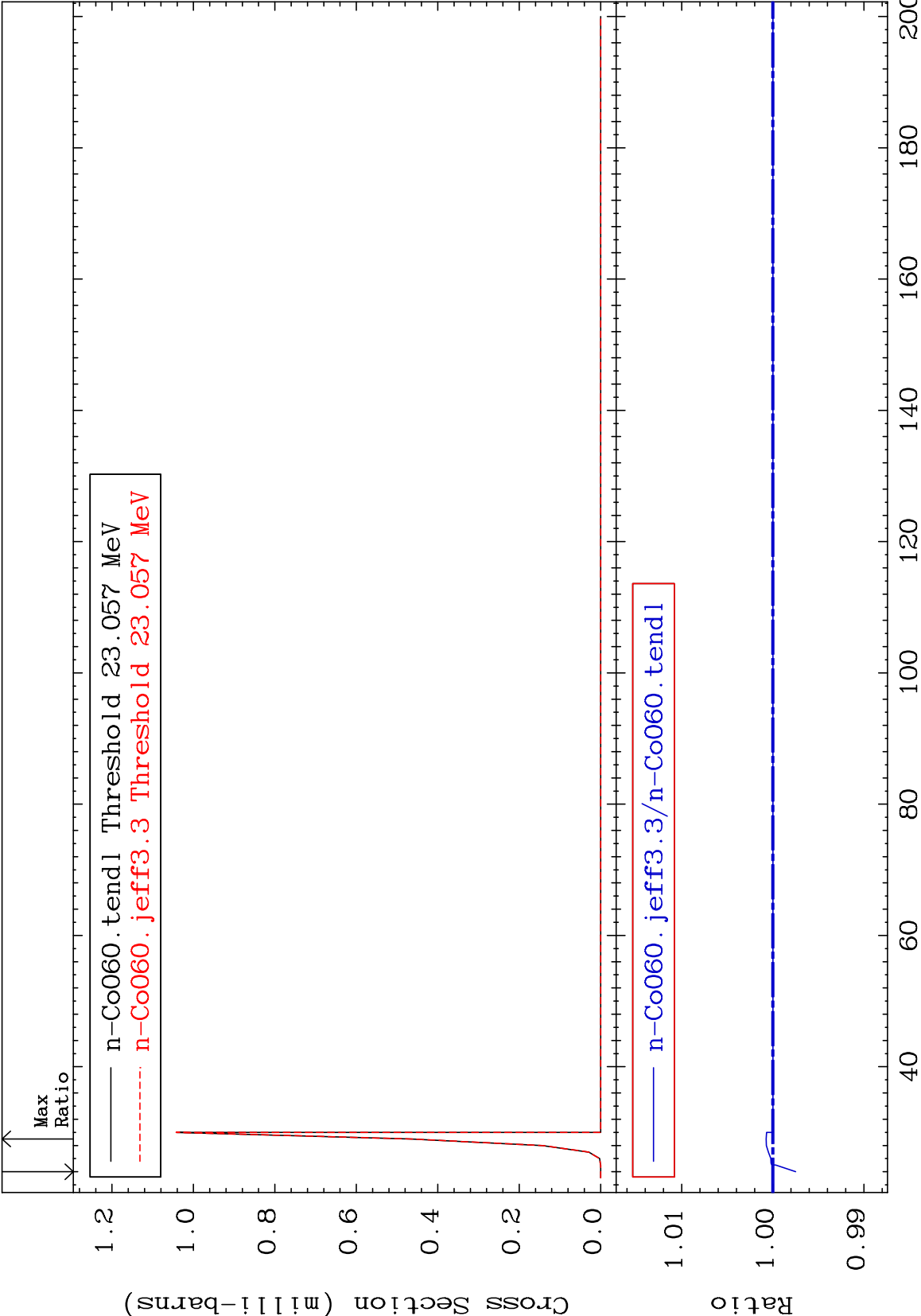
Inelastic

²⁷Co-60

Cross Section

-0.002 To 0.012 %





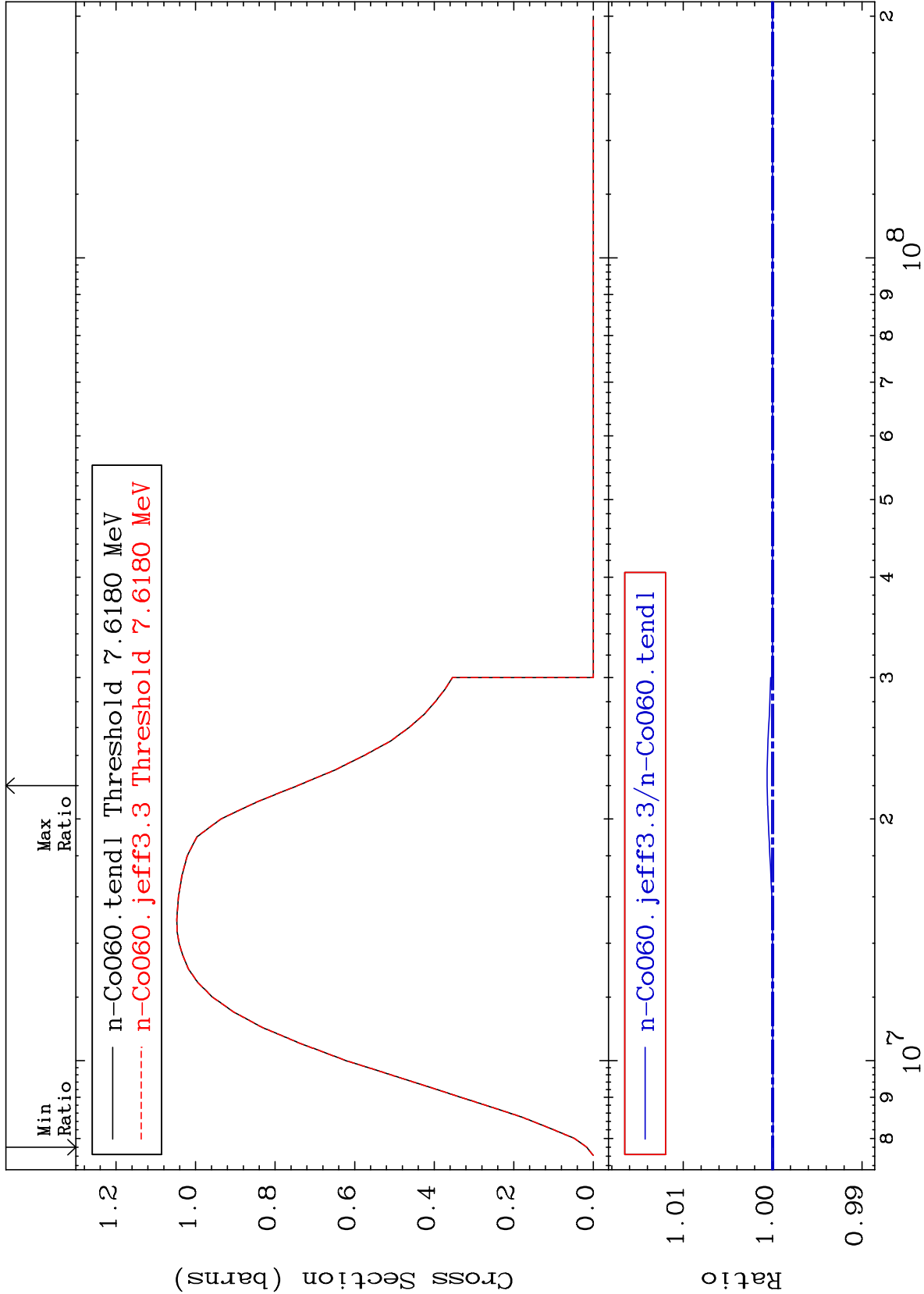
MAT 2728

(n,2n)

²⁷Co-60

Cross Section

-0.006 To 0.061 %



5

Incident Energy (eV)

²⁷Co-60

MAT 2728

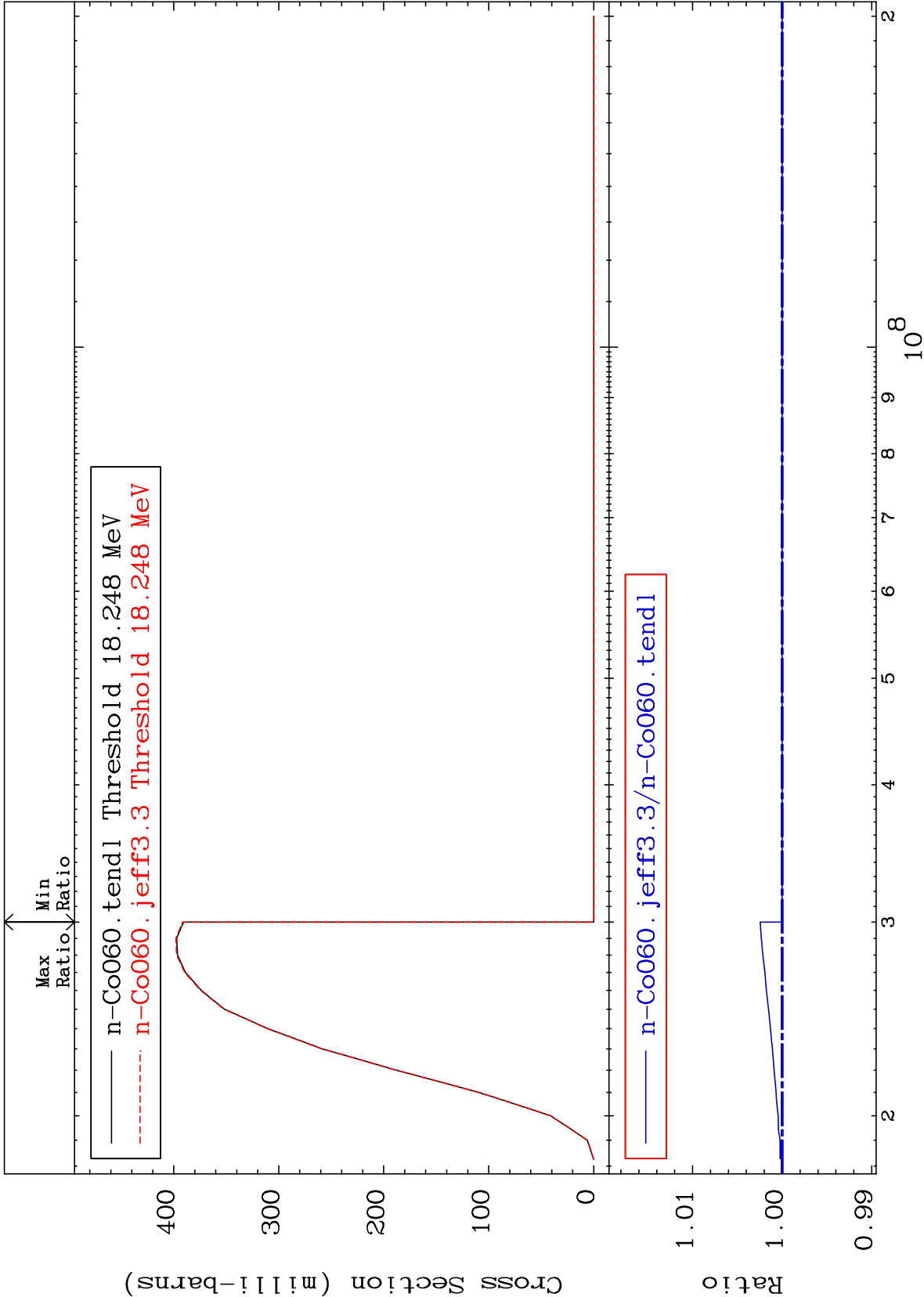
(n,3n)

²⁷Co-60

Cross Section

0.000

To 0.244 %



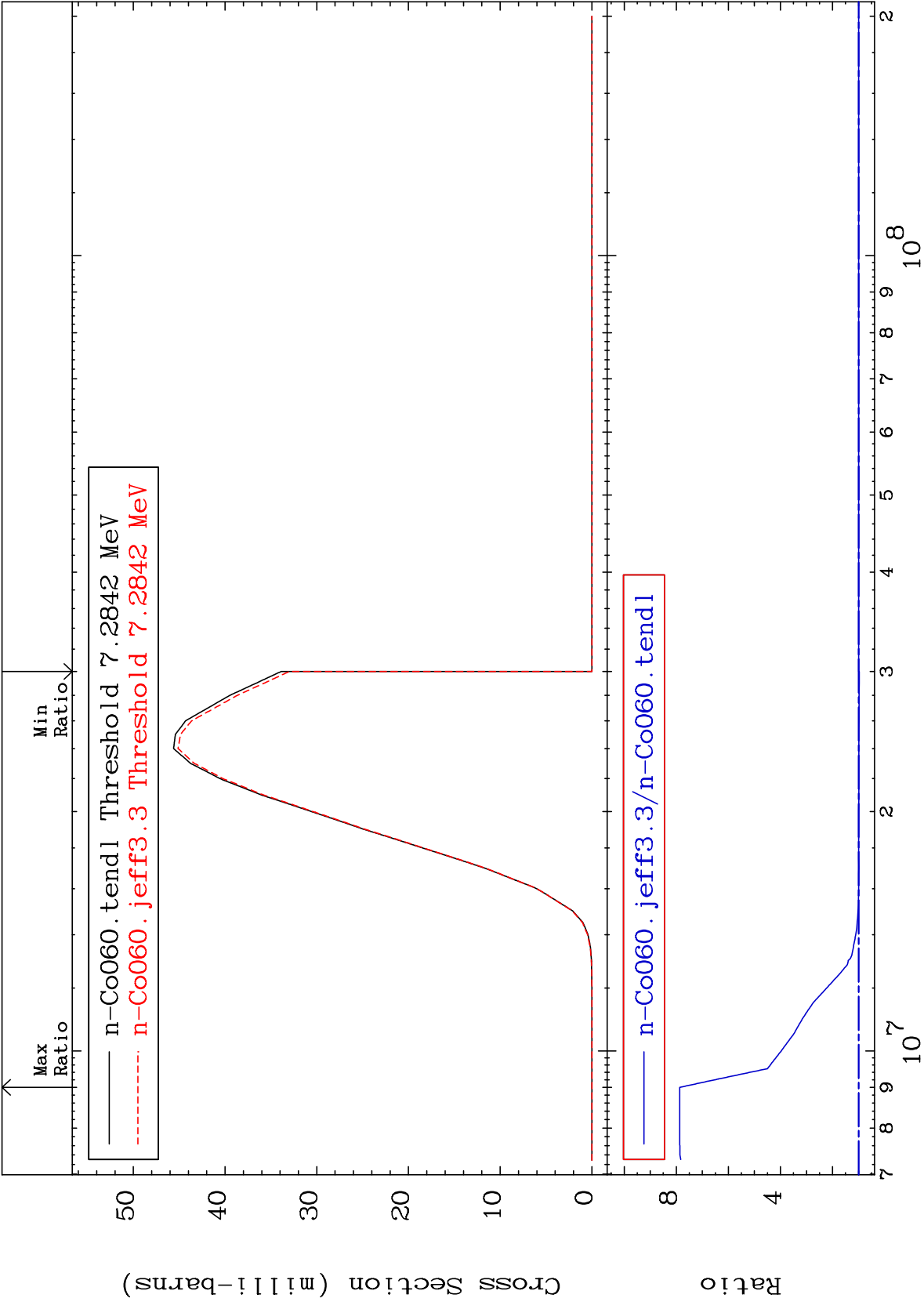
MAT 2728

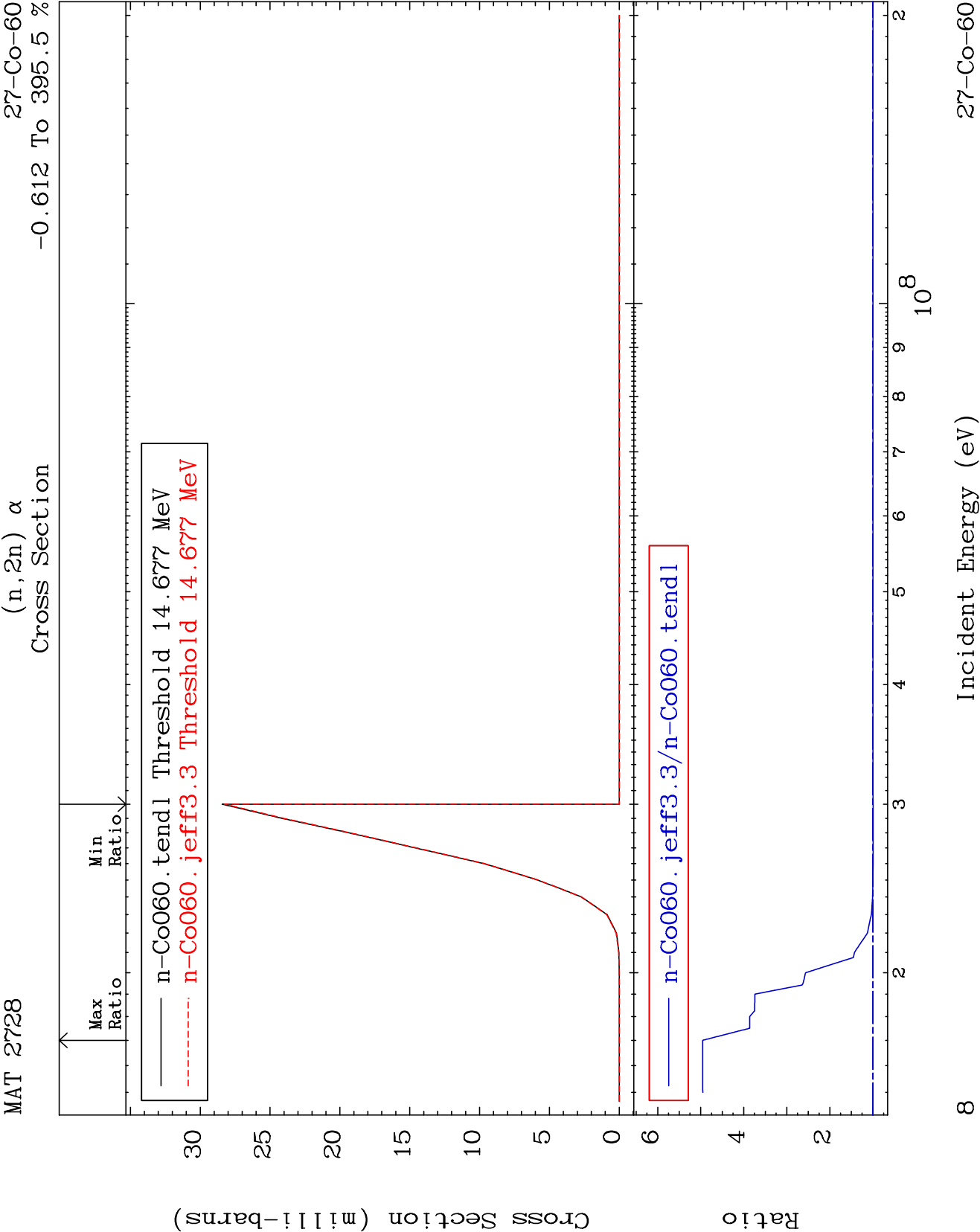
(n,n') α

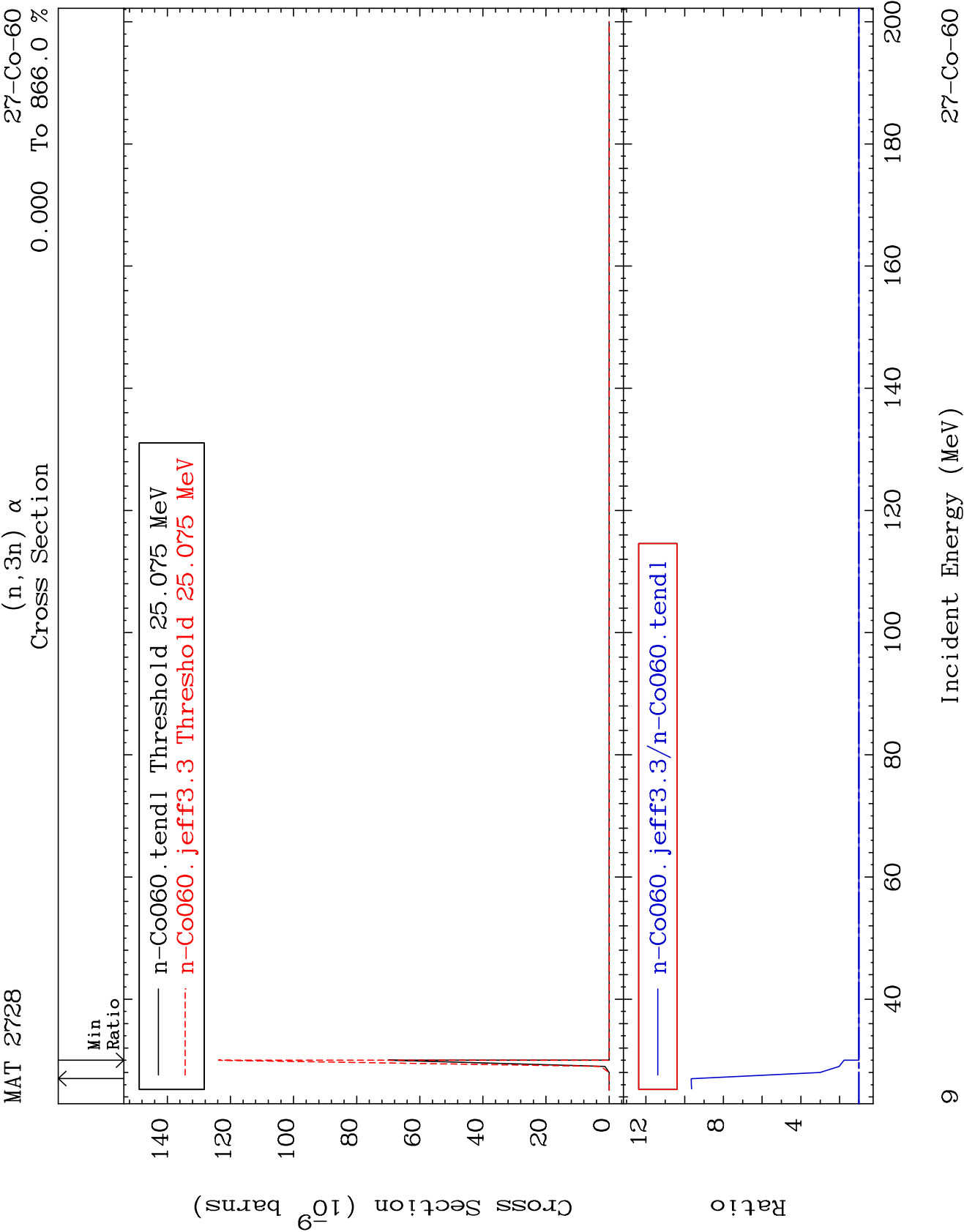
²⁷Co-60

Cross Section

-2.647 To 686.8 %





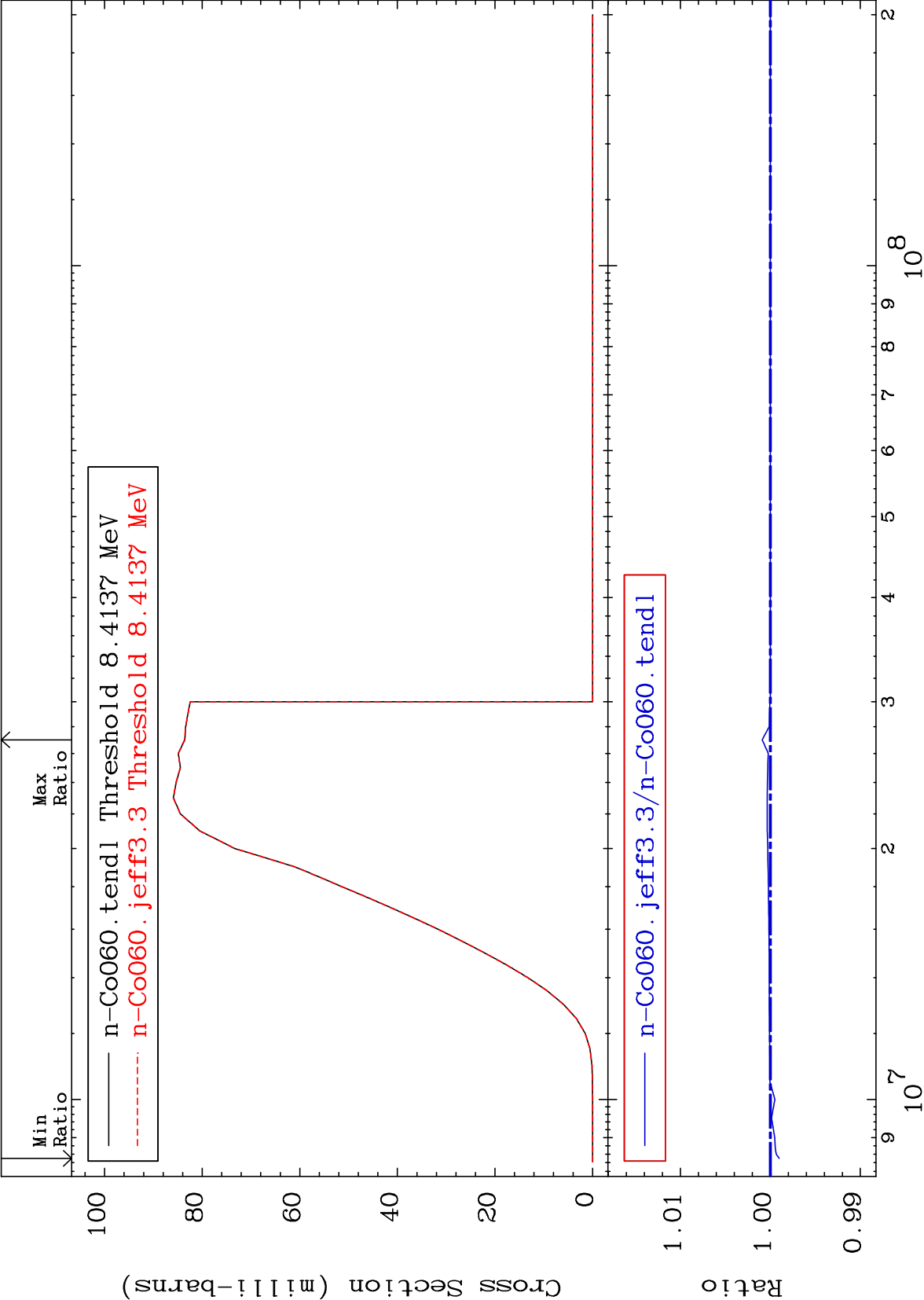


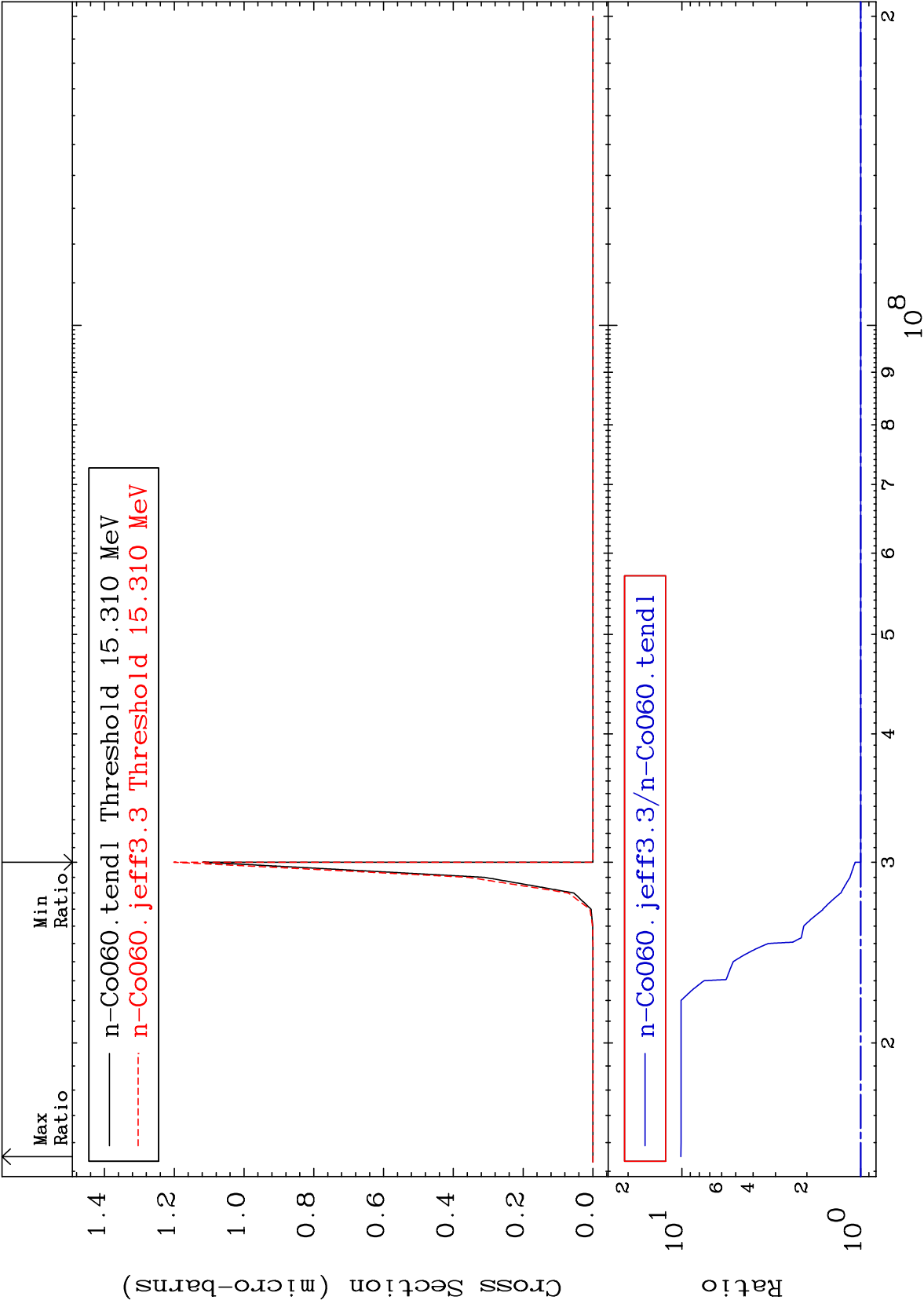
MAT 2728

$^{27}\text{Co-60}$

(n,n') p
Cross Section

-0.098 To 0.090 %





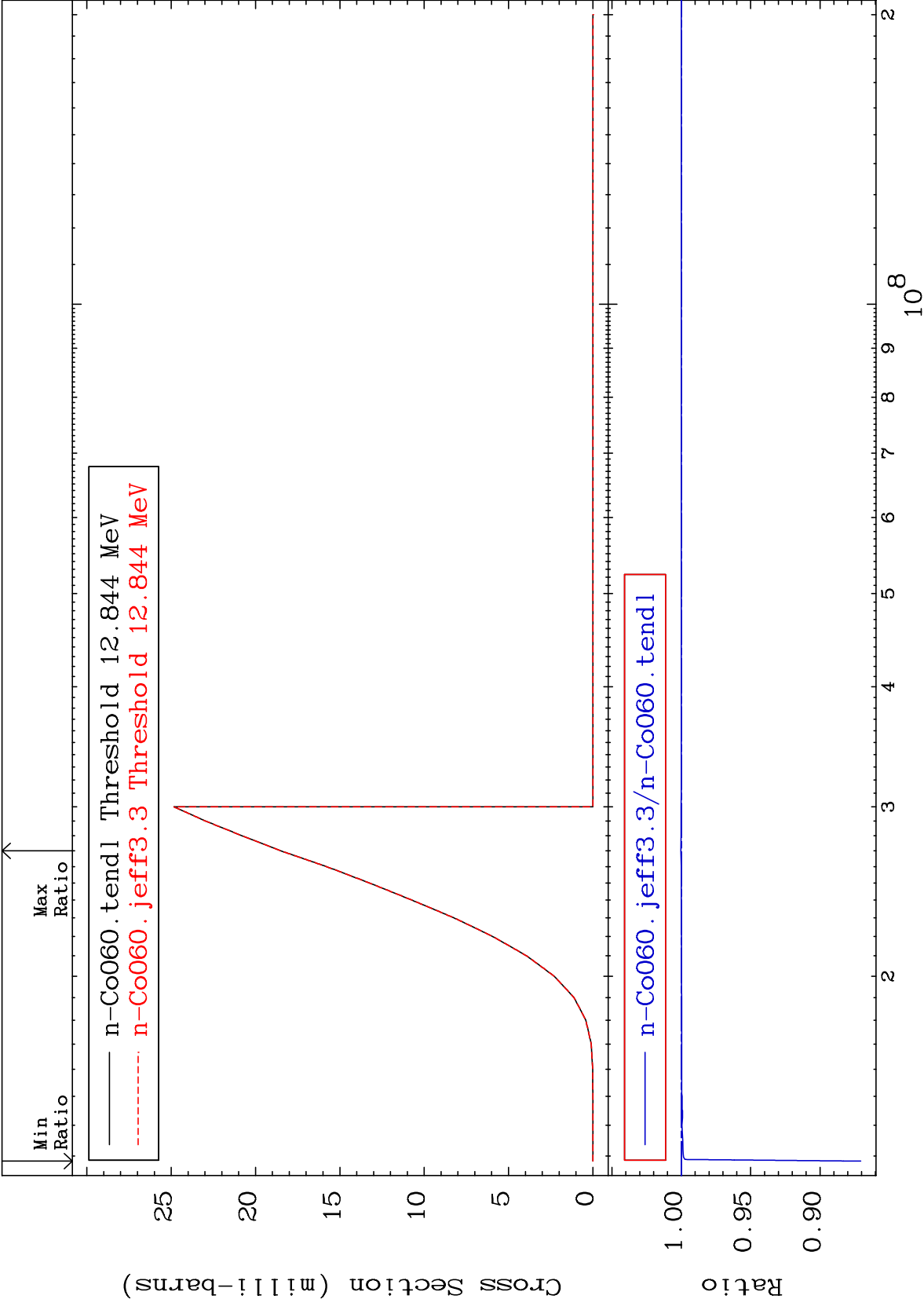
MAT 2728

(n,n') d

²⁷Co-60

Cross Section

-12.94 To 0.030 %



12

Incident Energy (eV)

²⁷Co-60

MAT 2728

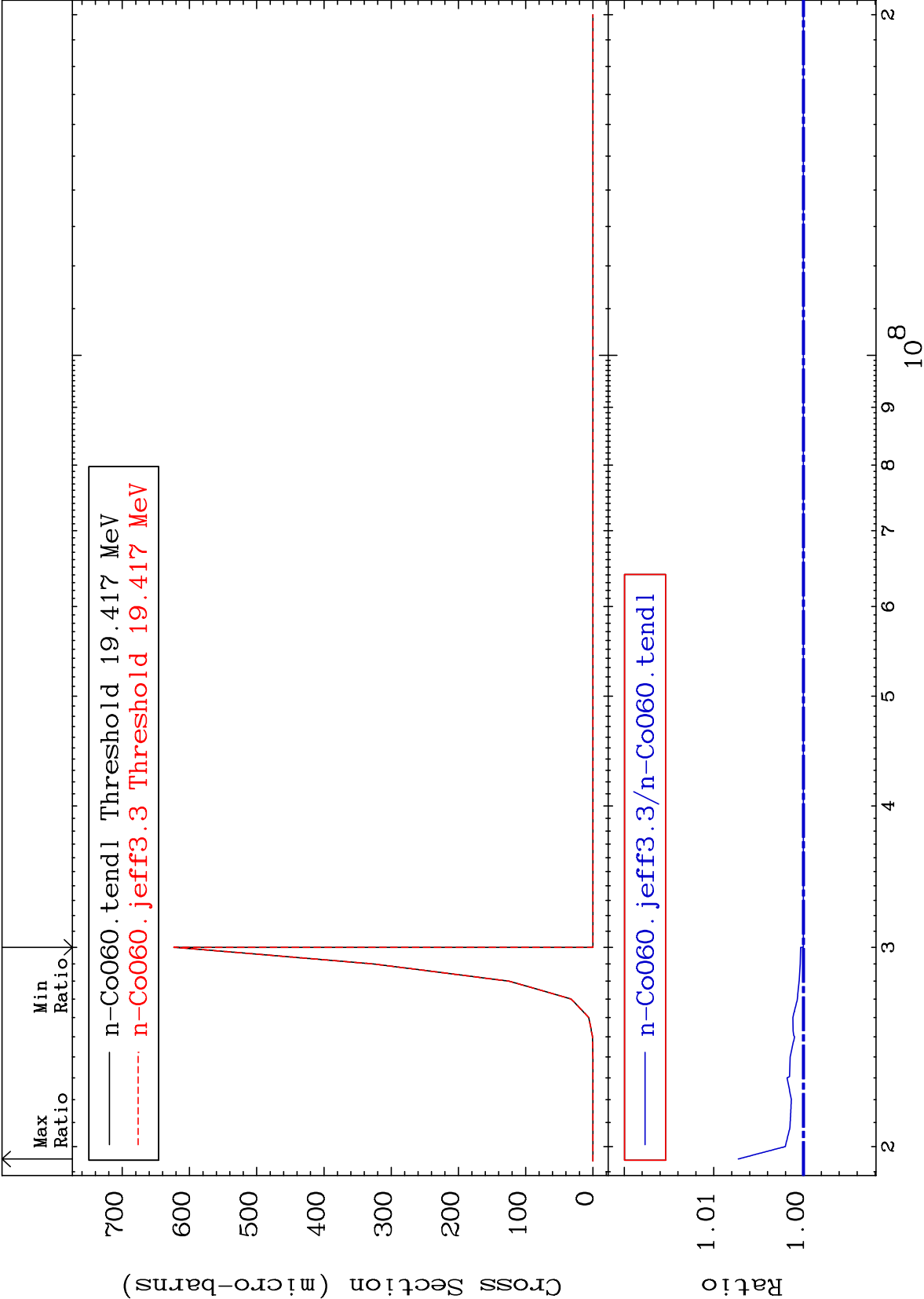
(n,n') He-3

27-Co-60

Cross Section

0.000

To 0.728 %



MAT 2728

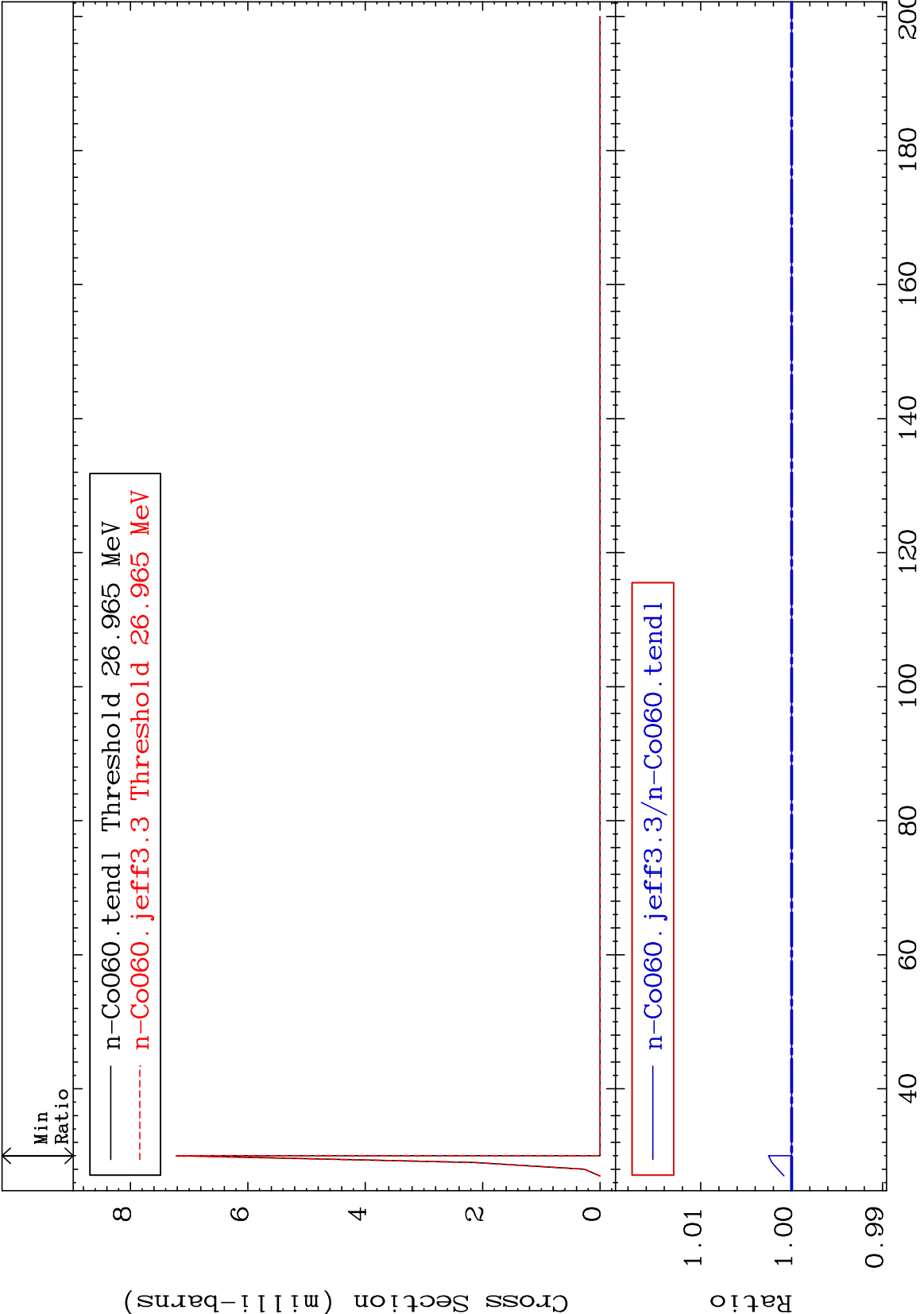
(n,4n)

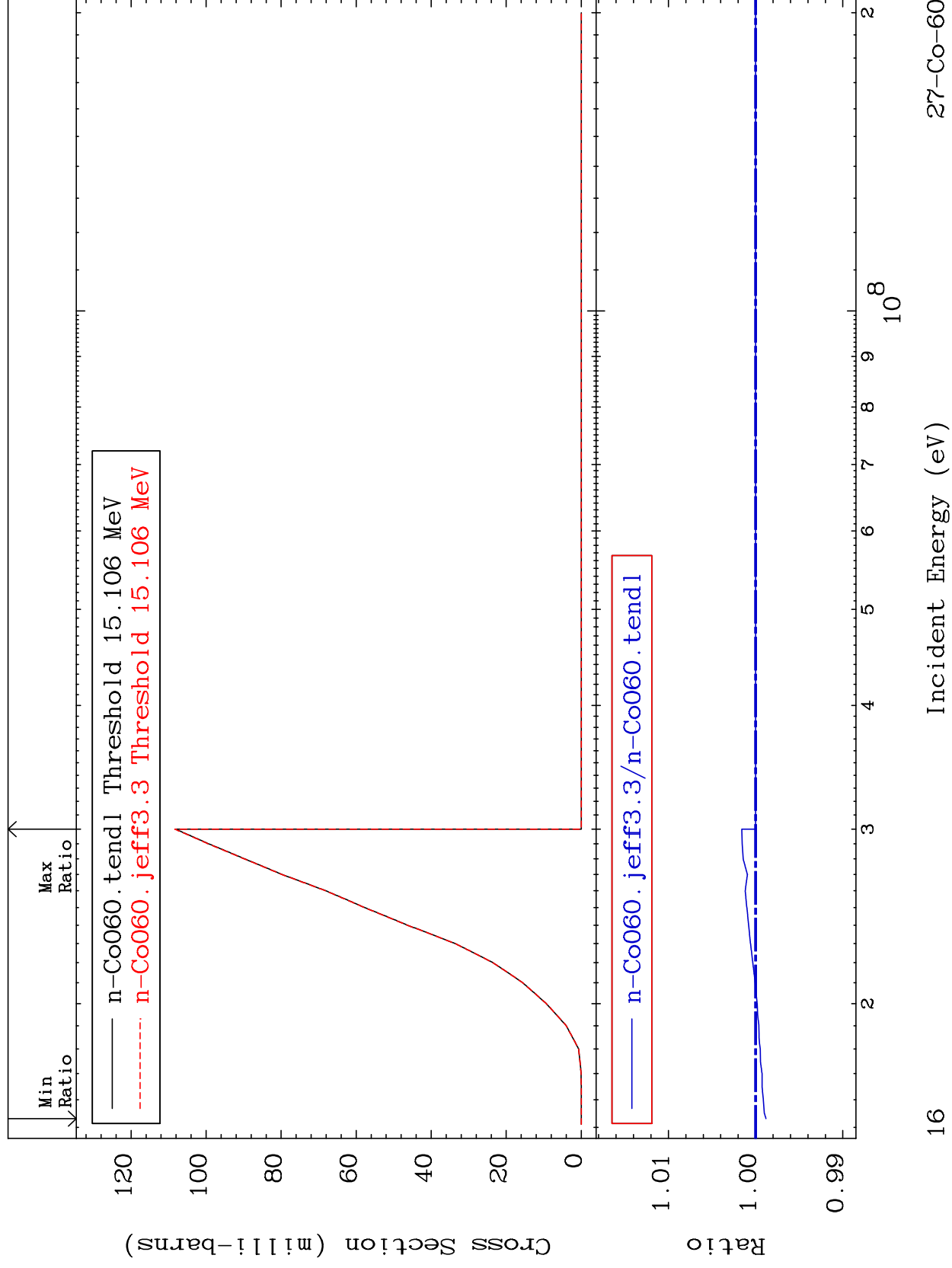
²⁷Co-60

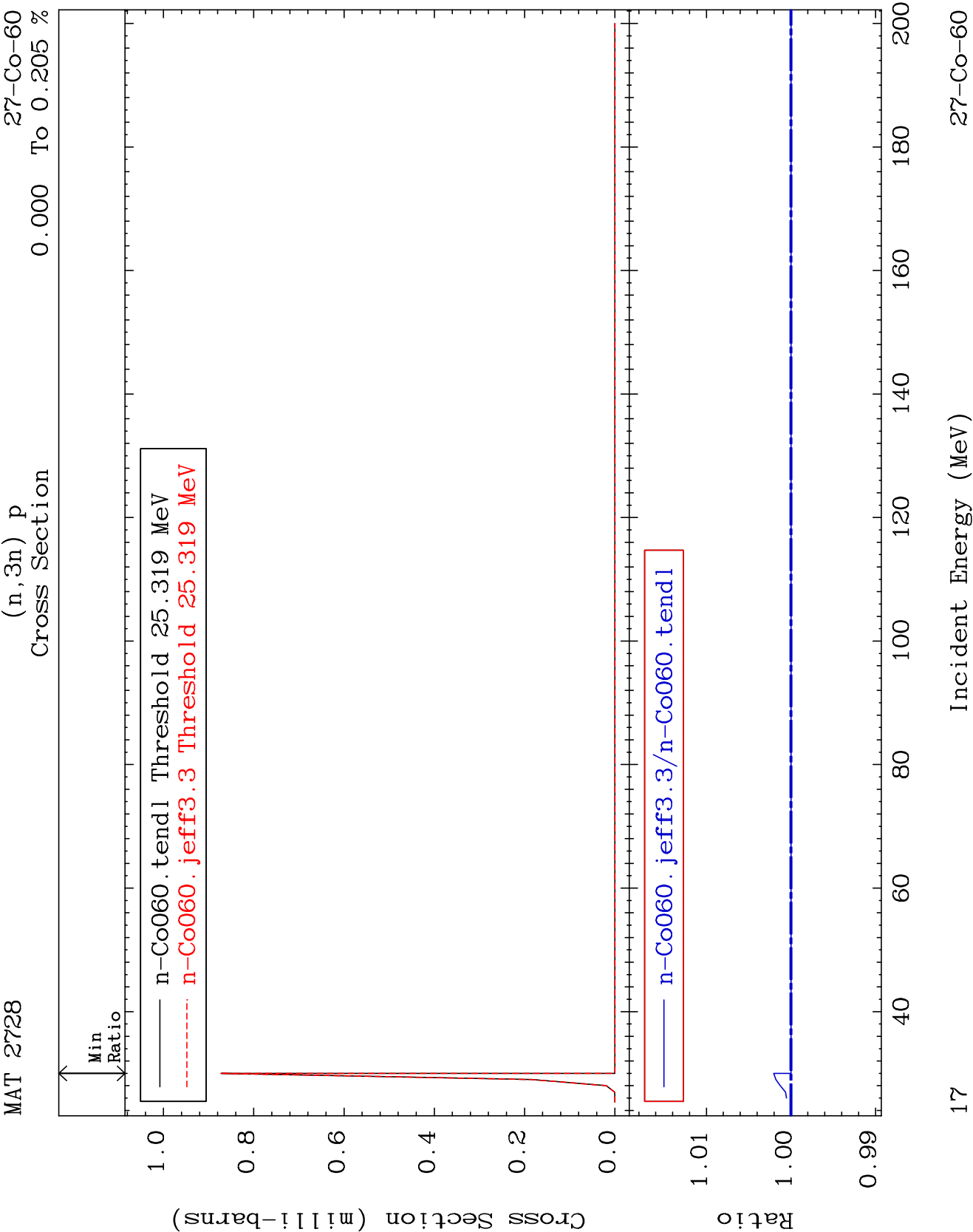
Cross Section

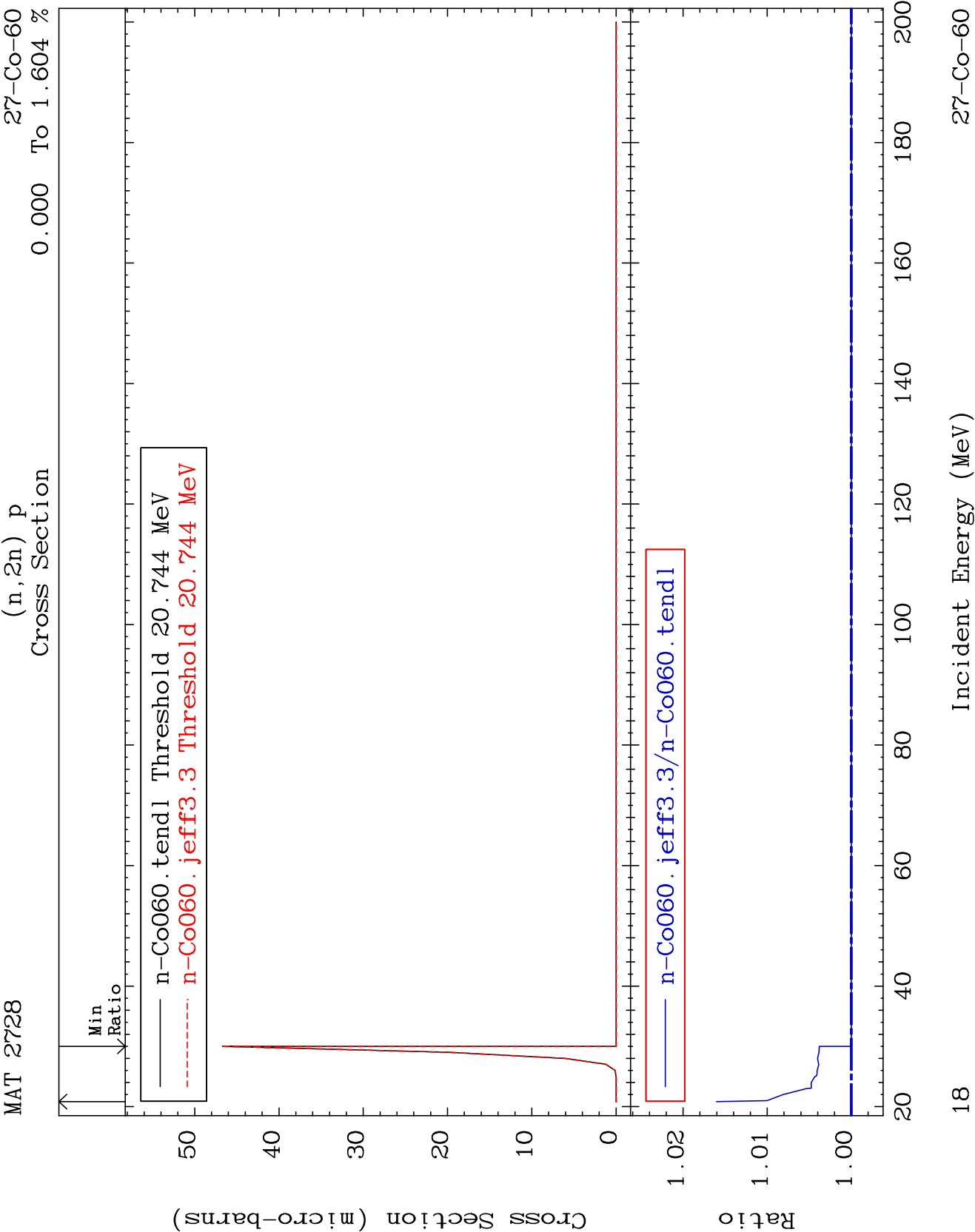
0.000

To 0.253 %





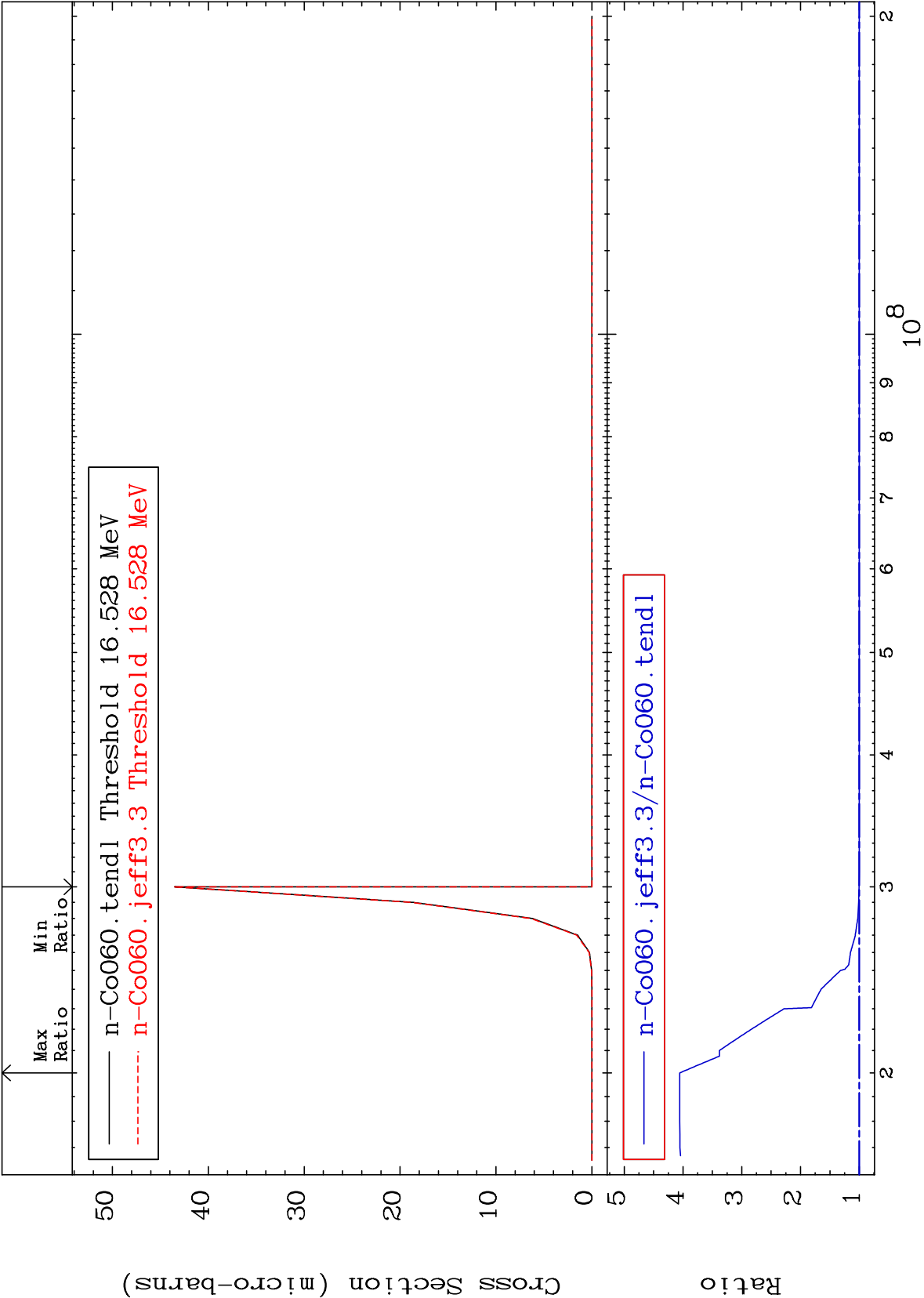




MAT 2728

(n,n') p α
Cross Section

27-Co-60
0.000 To 305.6 %



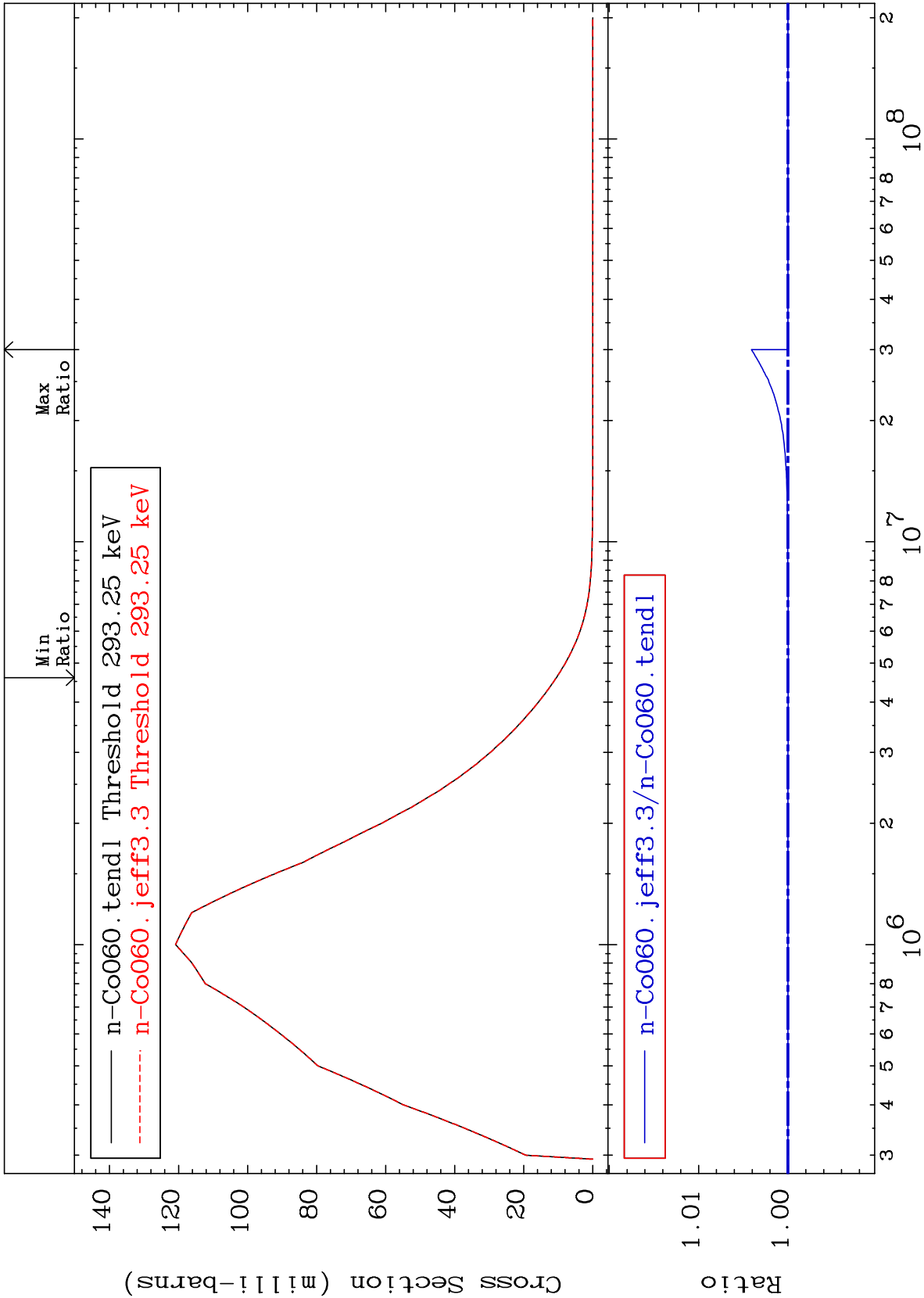
MAT 2728

MT= 53 (n,n') Level

²⁷Co-60

-0.004 To 0.408 %

Cross Section



20

Incident Energy (eV)

²⁷Co-60

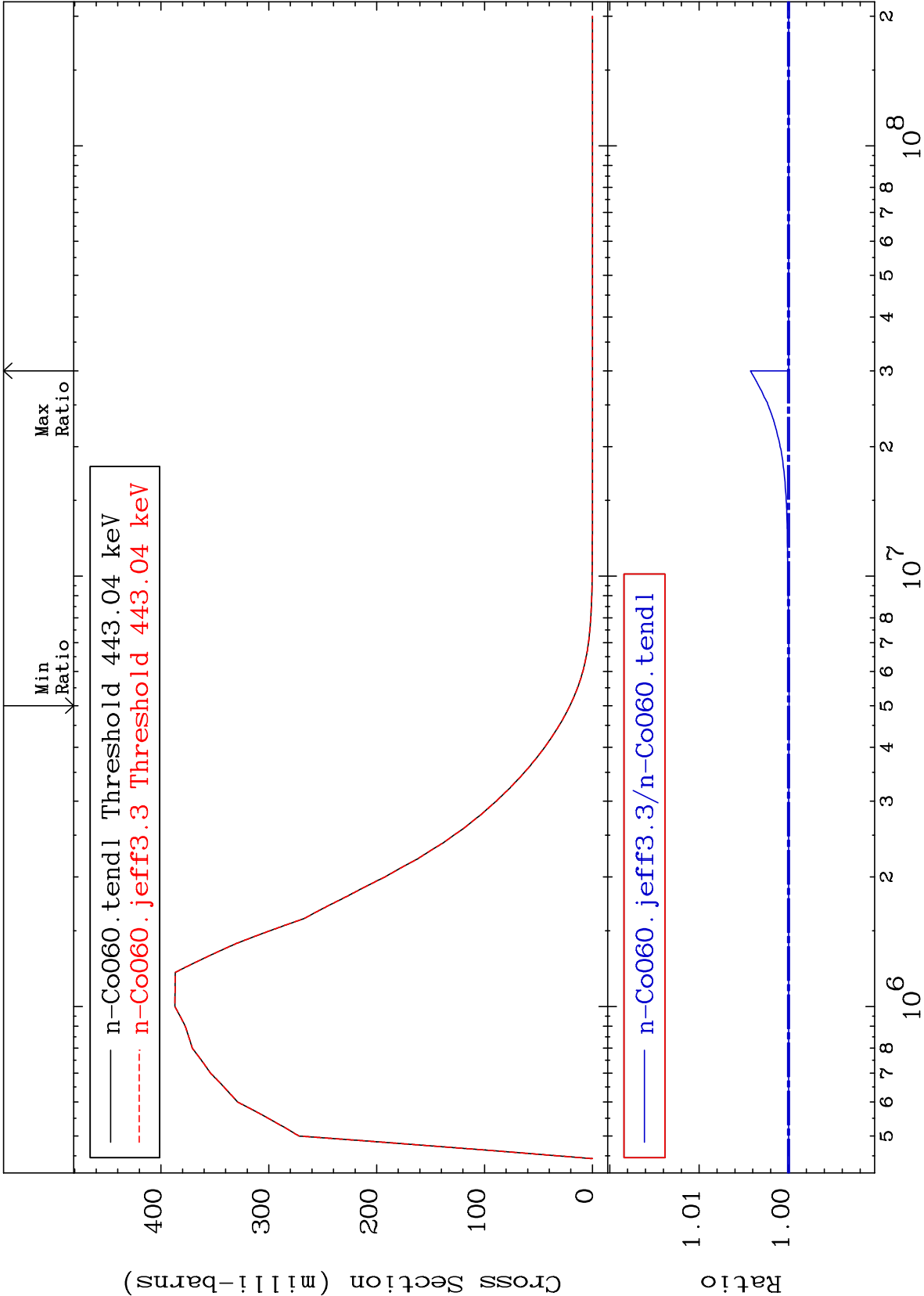
MAT 2728

MT= 54 (n,n') Level

27-Co-60

-0.006 To 0.427 %

Cross Section



21

Incident Energy (eV)

27-Co-60

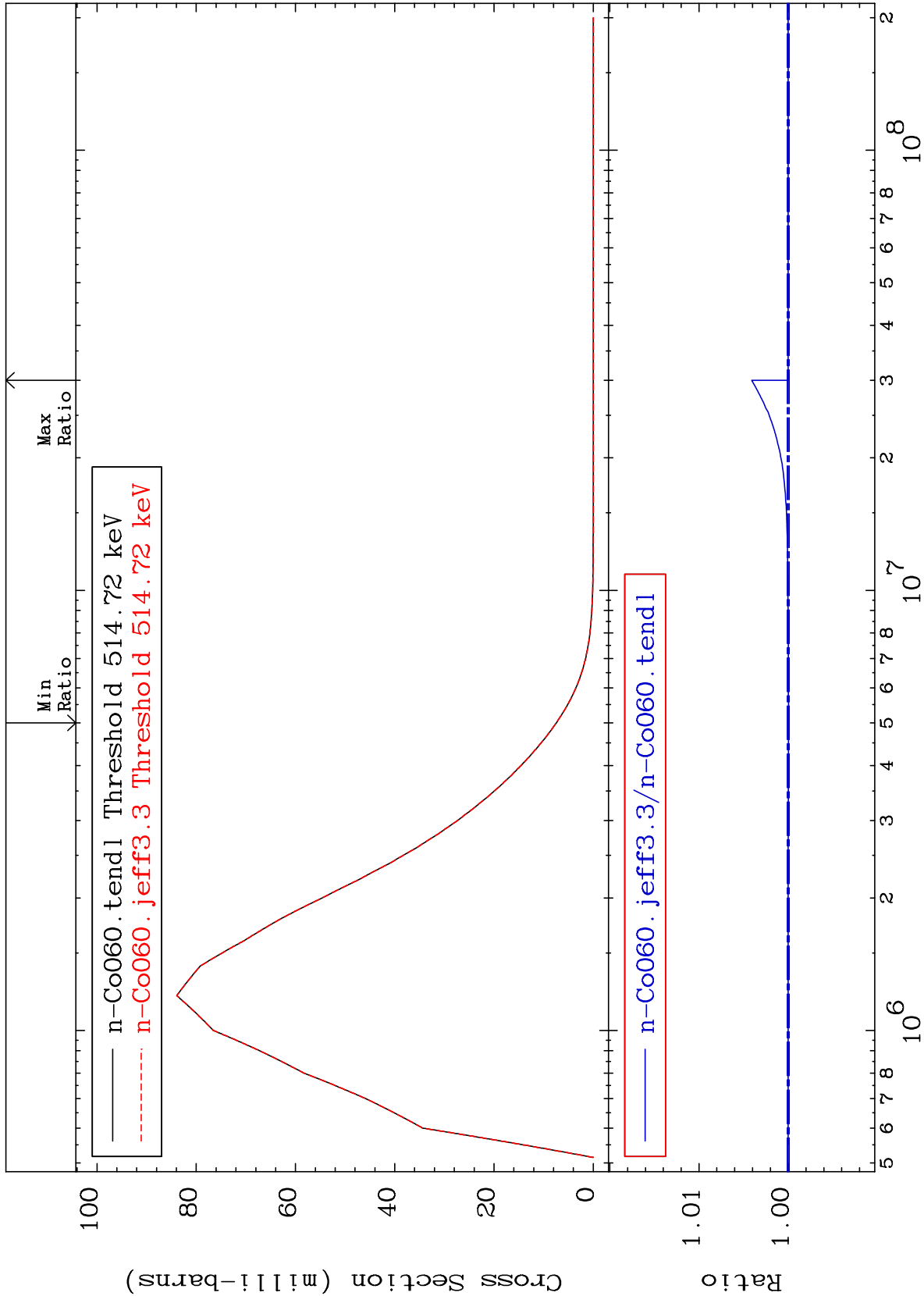
MAT 2728

MT= 55 (n,n') Level

27-Co-60

-0.004 To 0.408 %

Cross Section



22

Incident Energy (eV)

27-Co-60

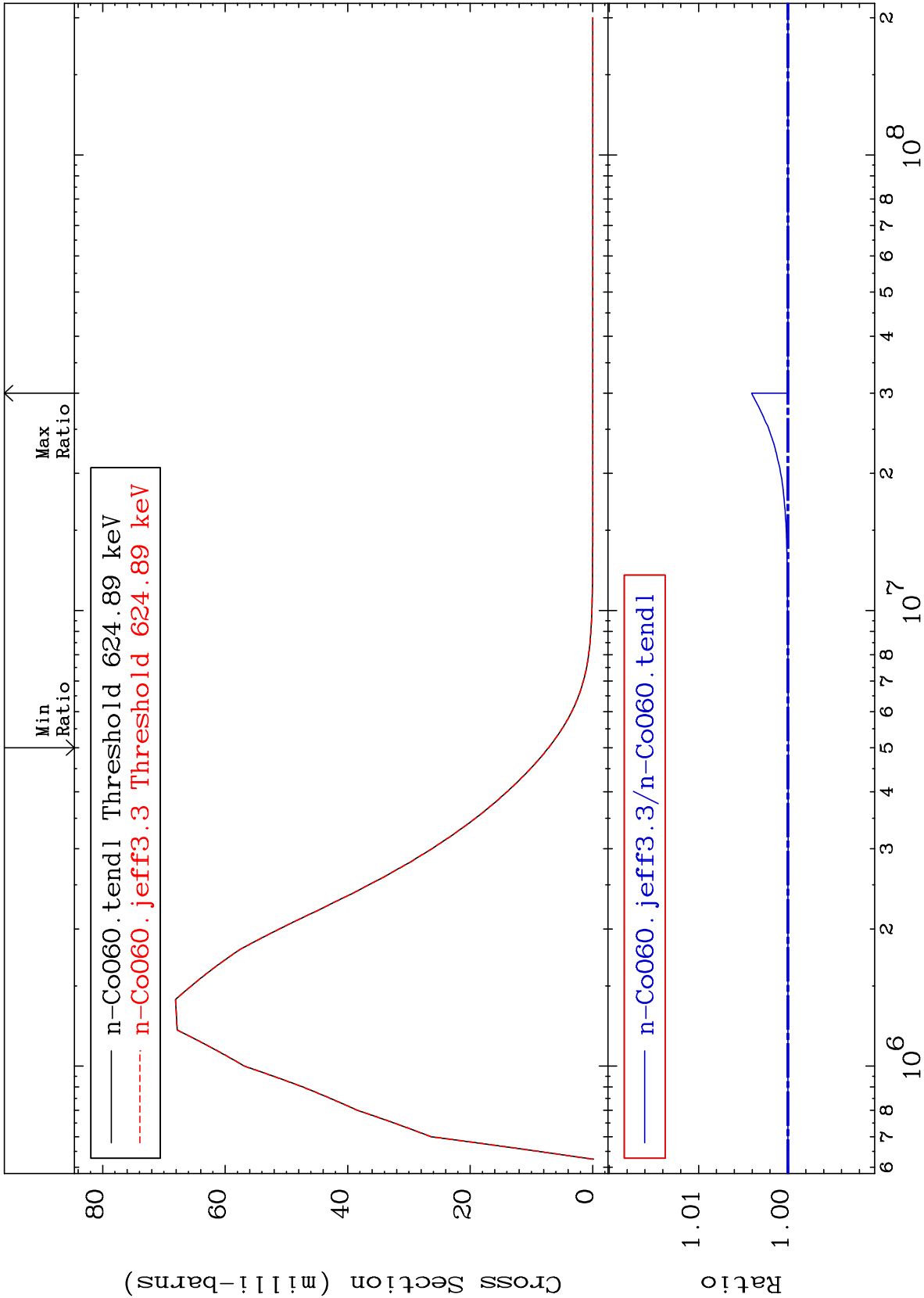
MAT 2728

MT= 57 (n,n') Level

27-Co-60

-0.004 To 0.408 %

Cross Section



23

Incident Energy (eV)

27-Co-60

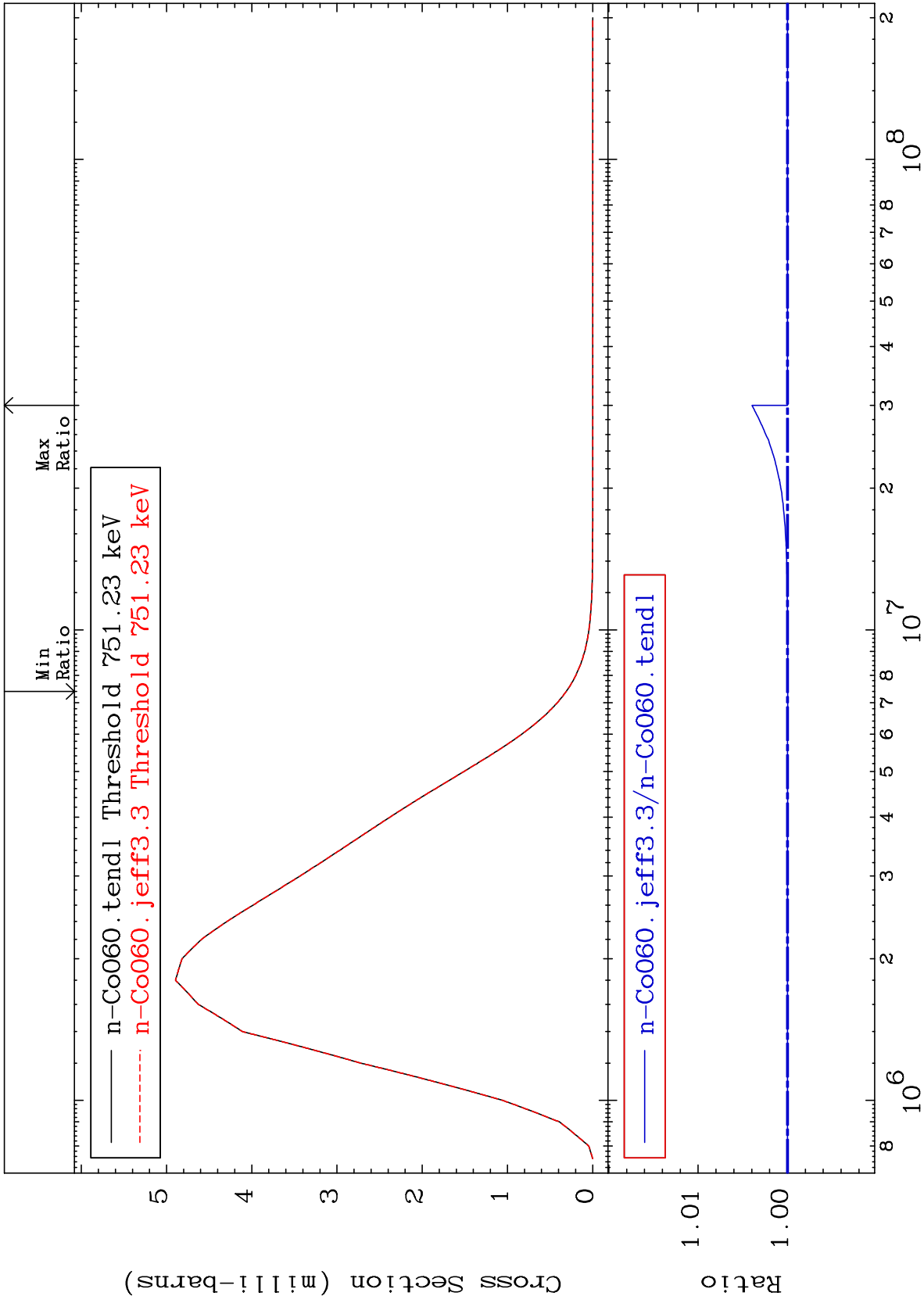
MAT 2728

MT= 58 (n,n') Level

27-Co-60

-0.003 To 0.397 %

Cross Section



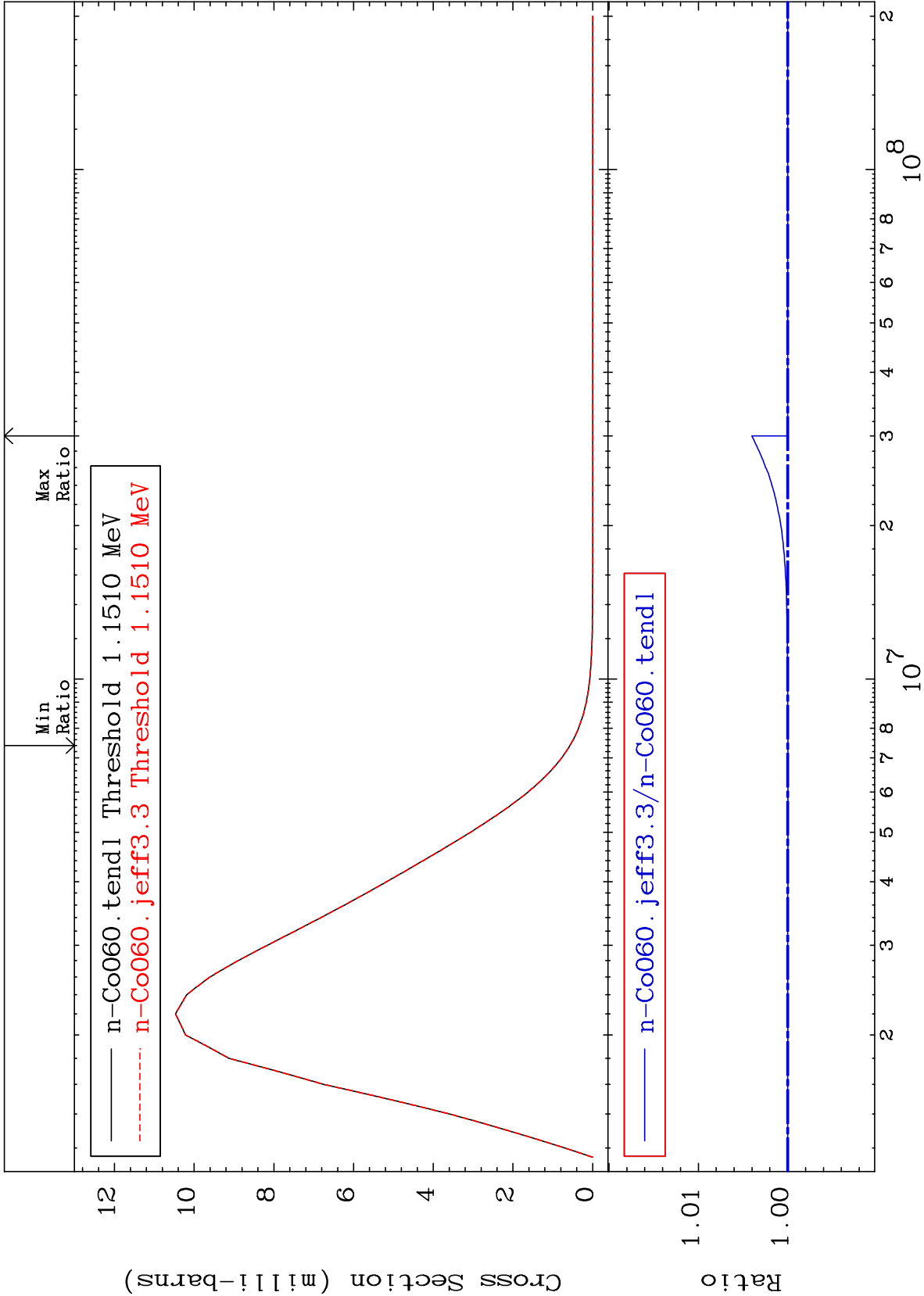
MAT 2728

MT= 63 (n,n') Level

27-Co-60

Cross Section

-0.002 To 0.401 %



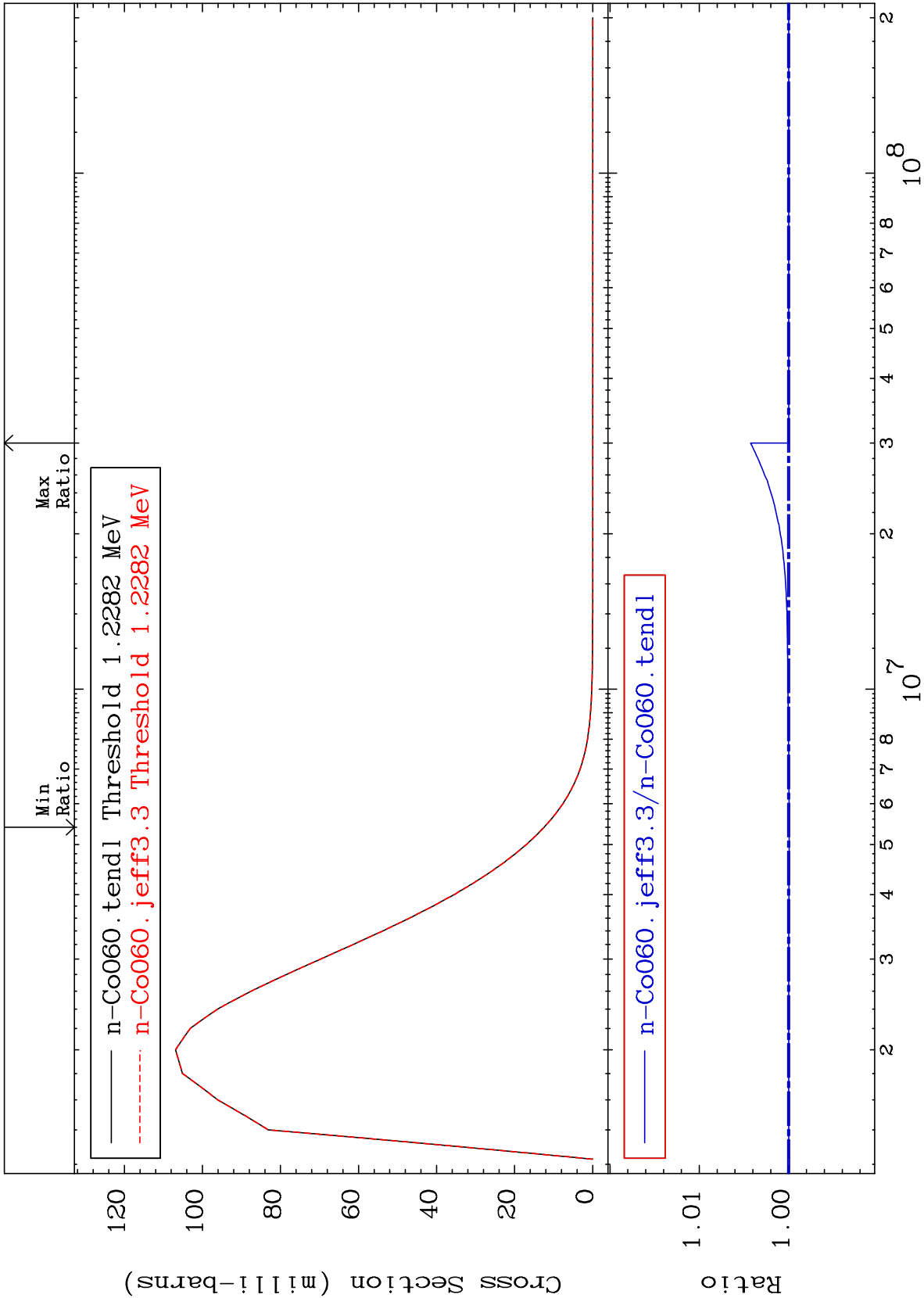
MAT 2728

MT= 65 (n,n') Level

27-Co-60

-0.006 To 0.426 %

Cross Section



26

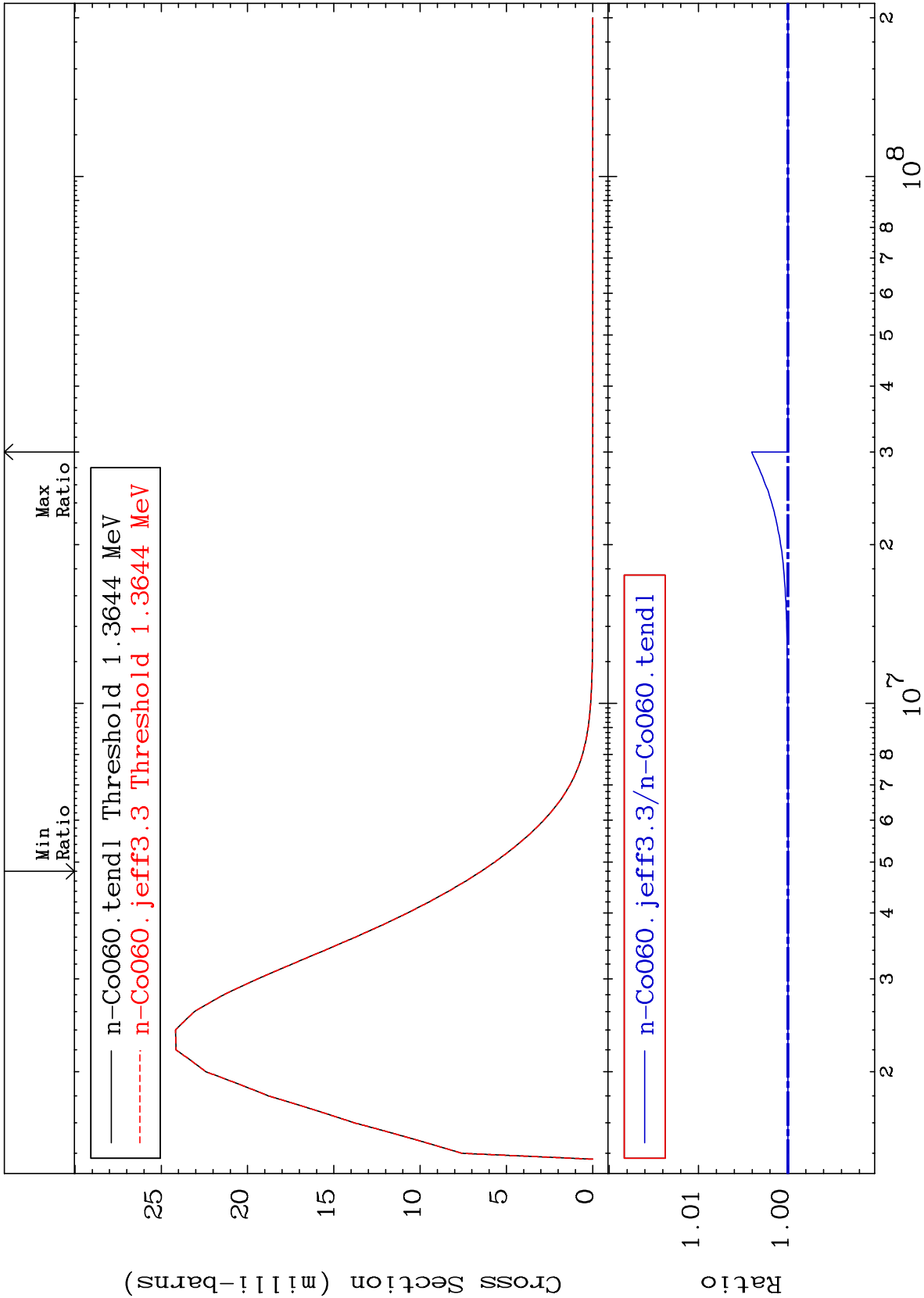
Incident Energy (eV)

27-Co-60

MAT 2728

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

27-Co-60
-0.004 To 0.407 %



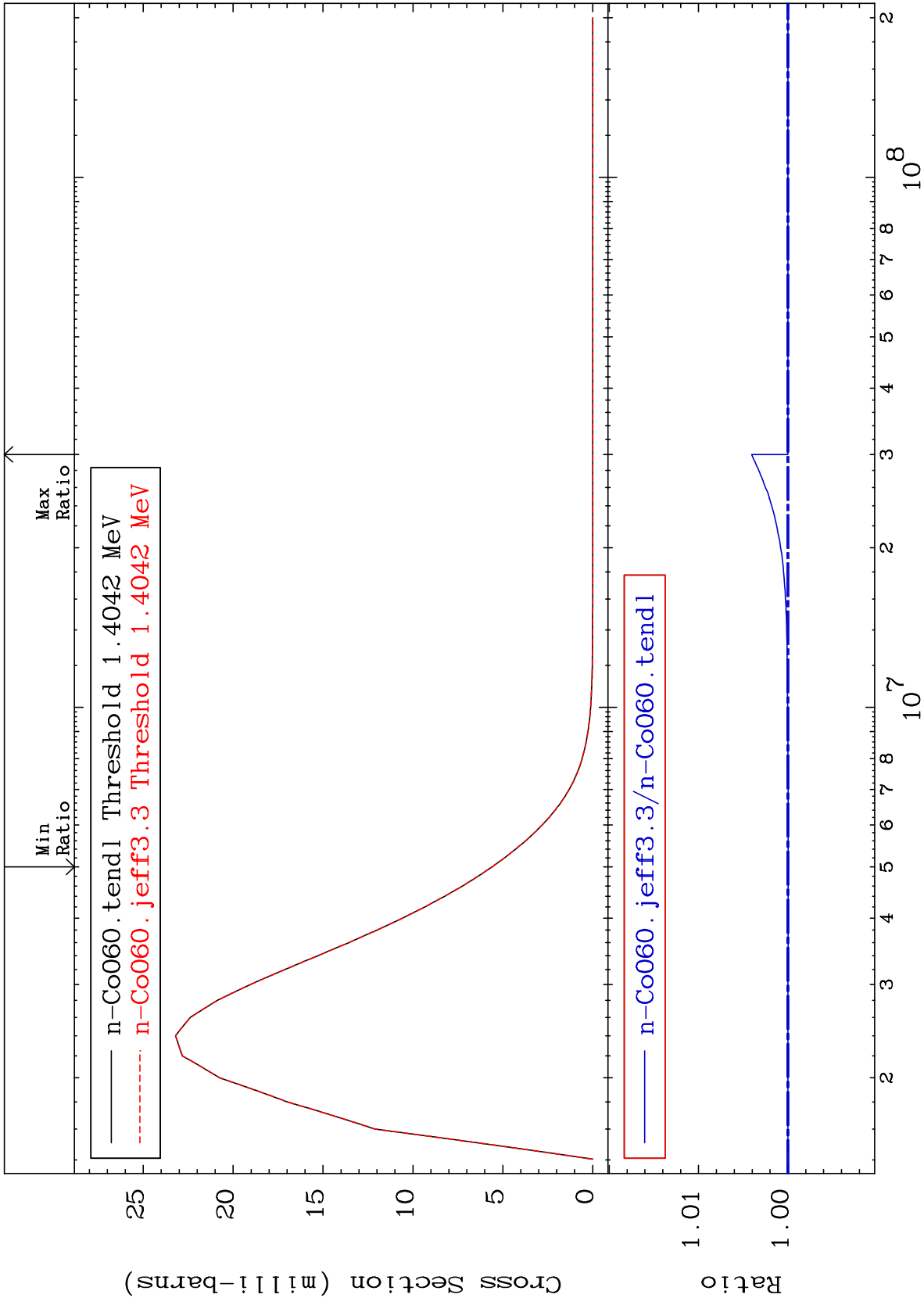
MAT 2728

MT= 70 (n,n') Level

27-Co-60

-0.004 To 0.407 %

Cross Section



28

Incident Energy (eV)

27-Co-60

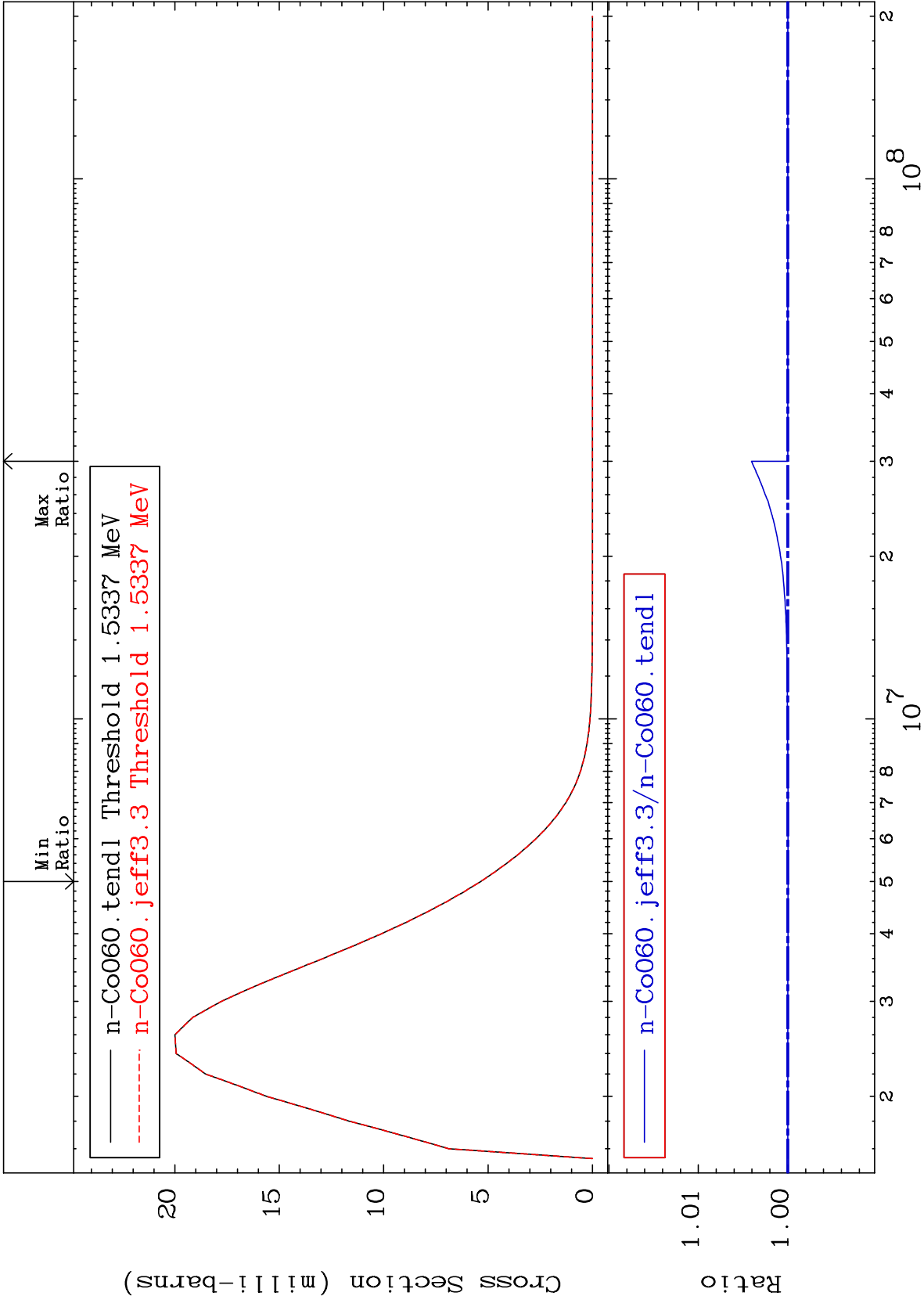
MAT 2728

MT= 72 (n,n') Level

27-Co-60

-0.004 To 0.406 %

Cross Section



29

Incident Energy (eV)

27-Co-60

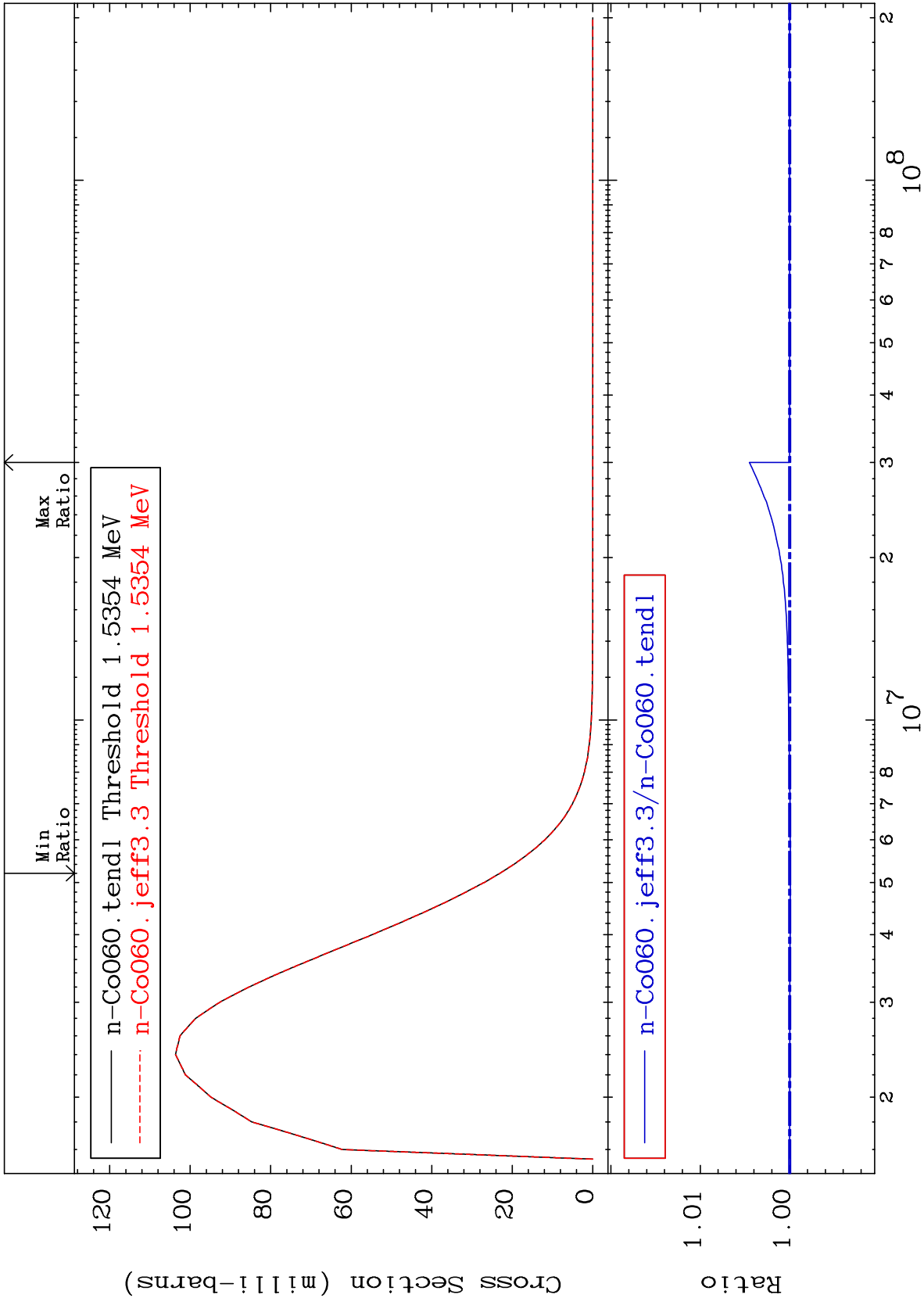
MAT 2728

MT= 73 (n,n') Level

27-Co-60

-0.009 To 0.450 %

Cross Section



30

Incident Energy (eV)

27-Co-60

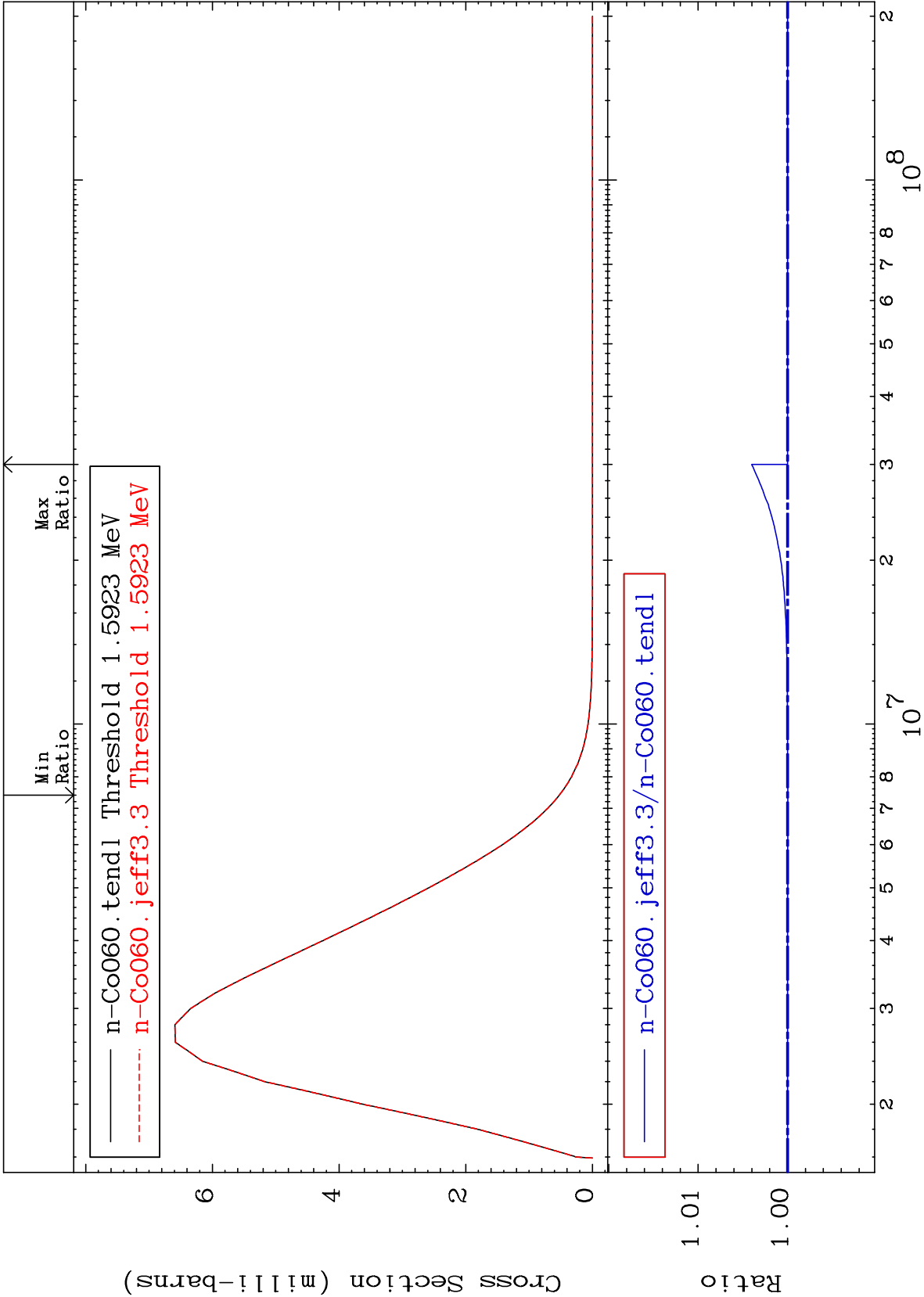
MAT 2728

MT= 75 (n,n') Level

27-Co-60

-0.003 To 0.401 %

Cross Section



31

Incident Energy (eV)

27-Co-60

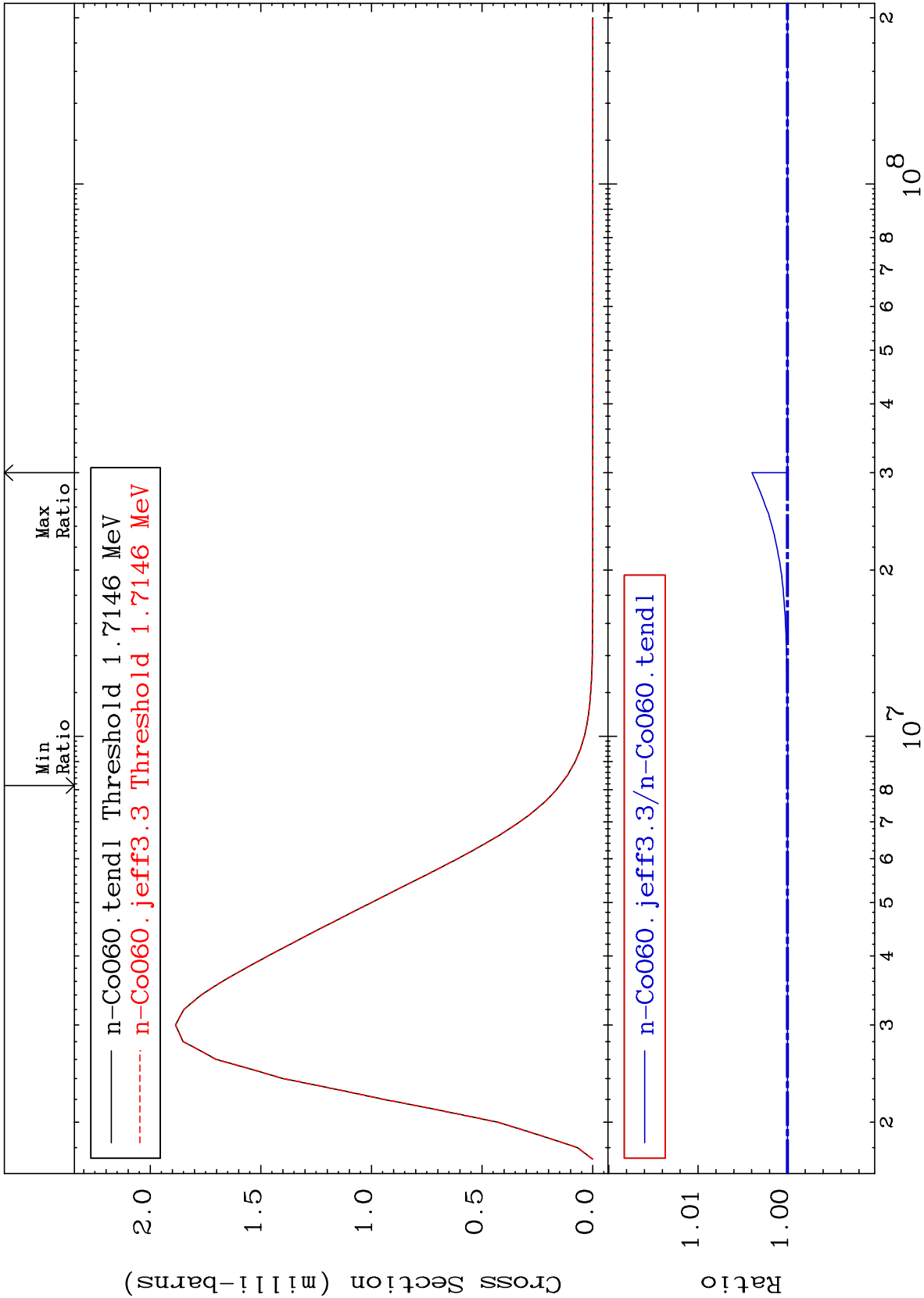
MAT 2728

MT= 78 (n,n') Level

27-Co-60

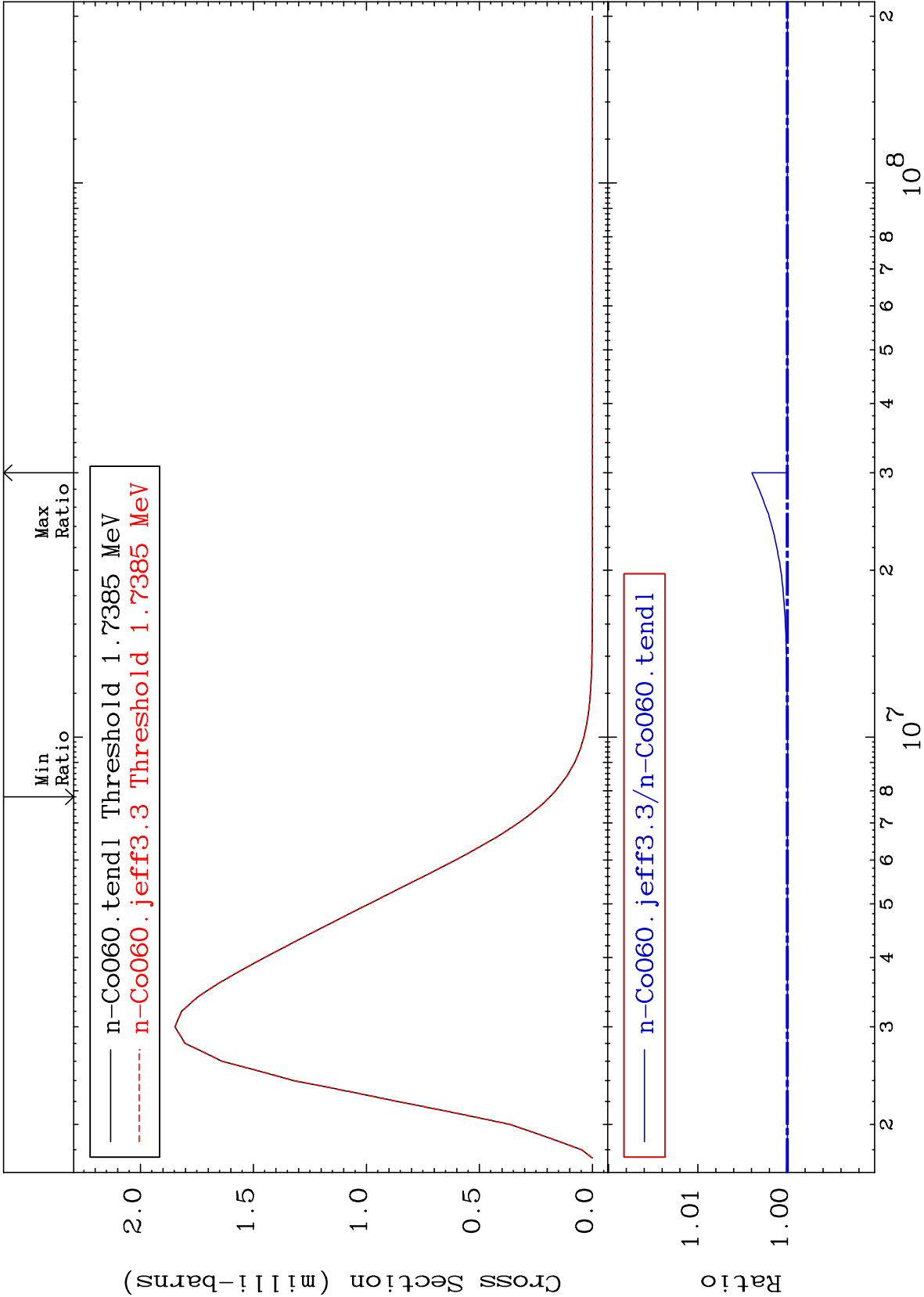
-0.004 To 0.396 %

Cross Section



-0.004 To 0.396 %

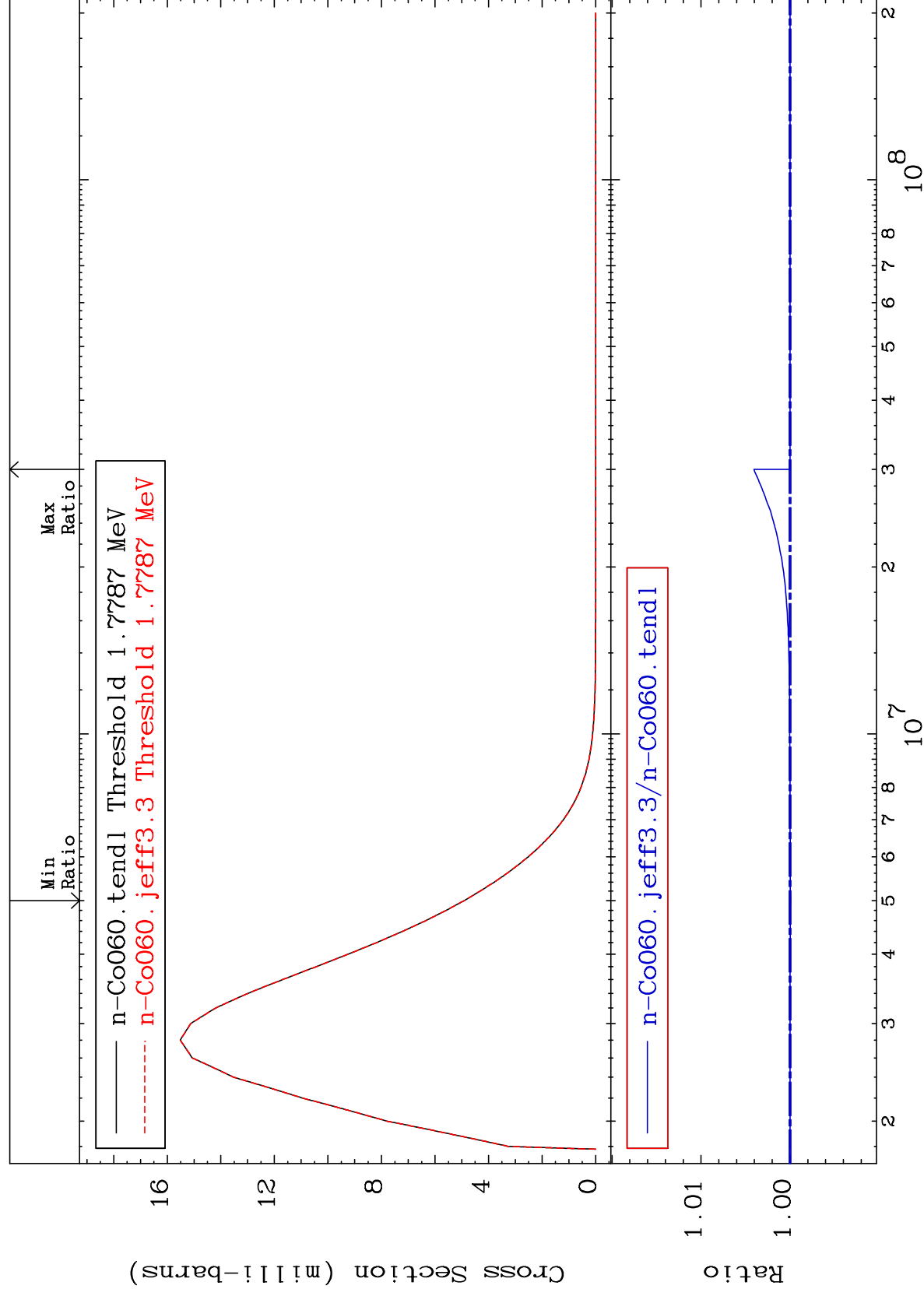
Cross Section



MAT 2728

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

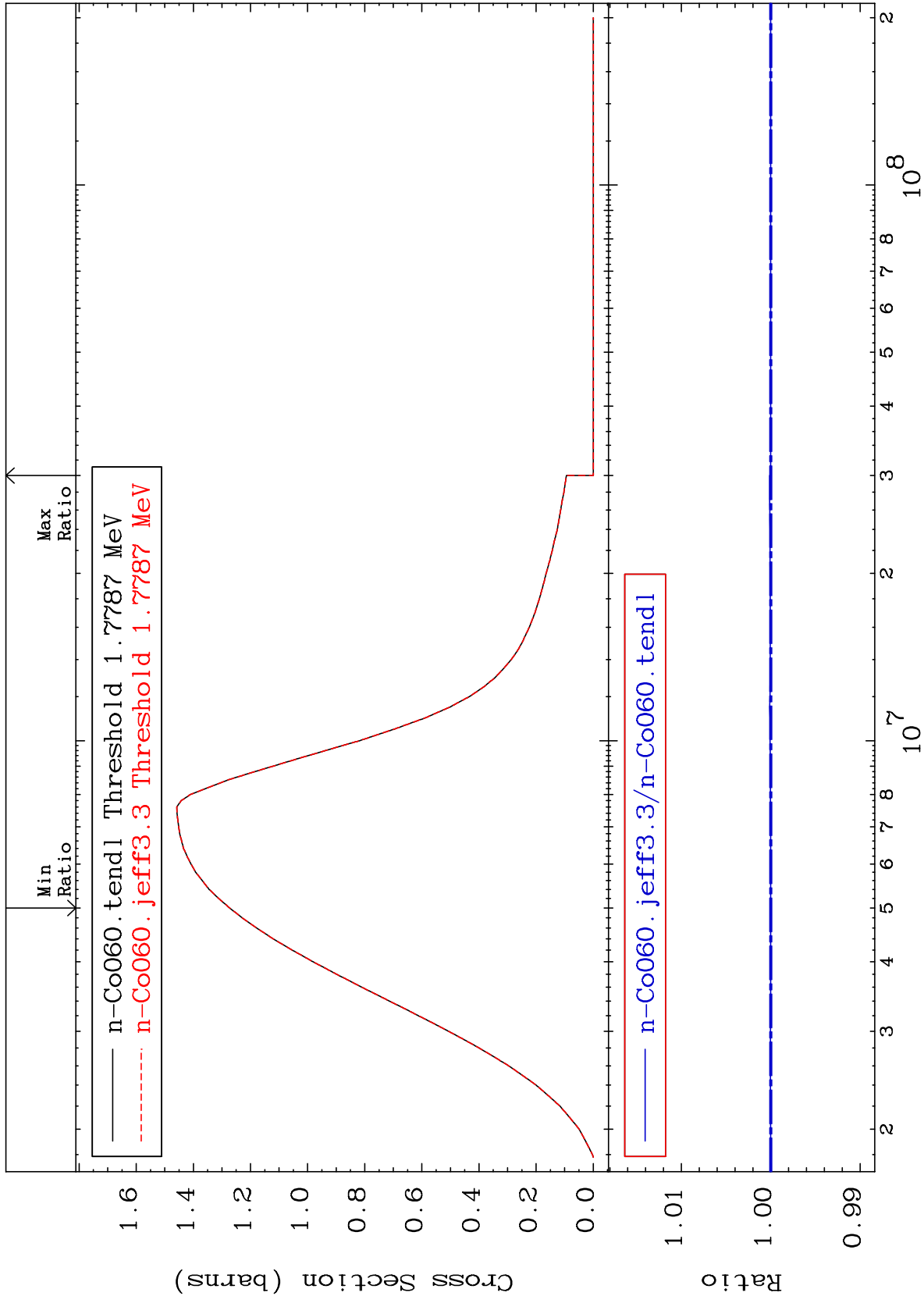
27-Co-60
-0.004 To 0.407 %



MAT 2728

(n,n') Continuum
Cross Section

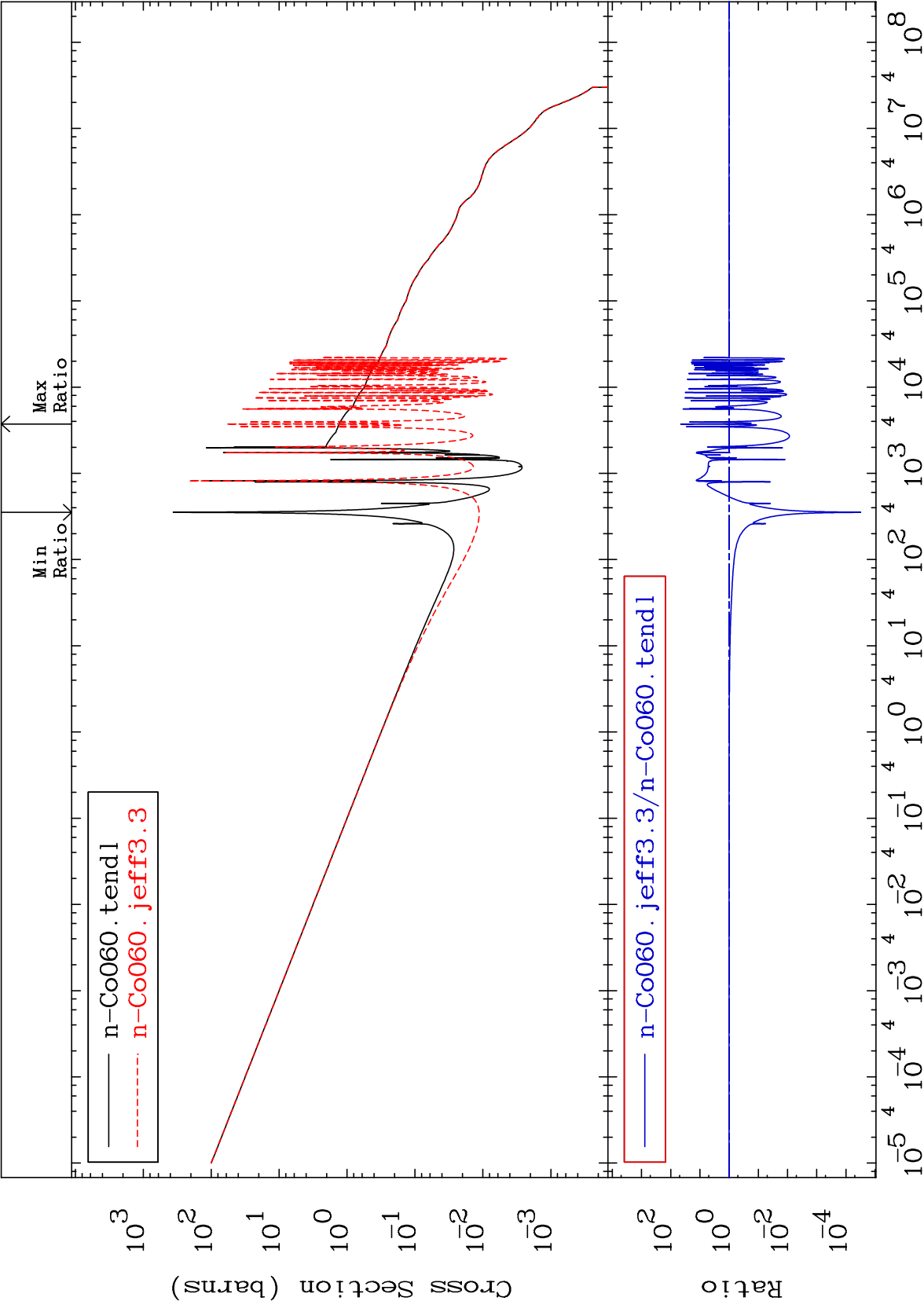
27-Co-60
0.000 To 0.014 %



35

Incident Energy (eV)

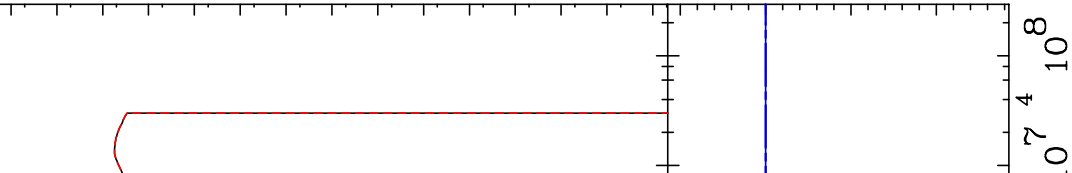
27-Co-60



27-Co-60

27-Co-60

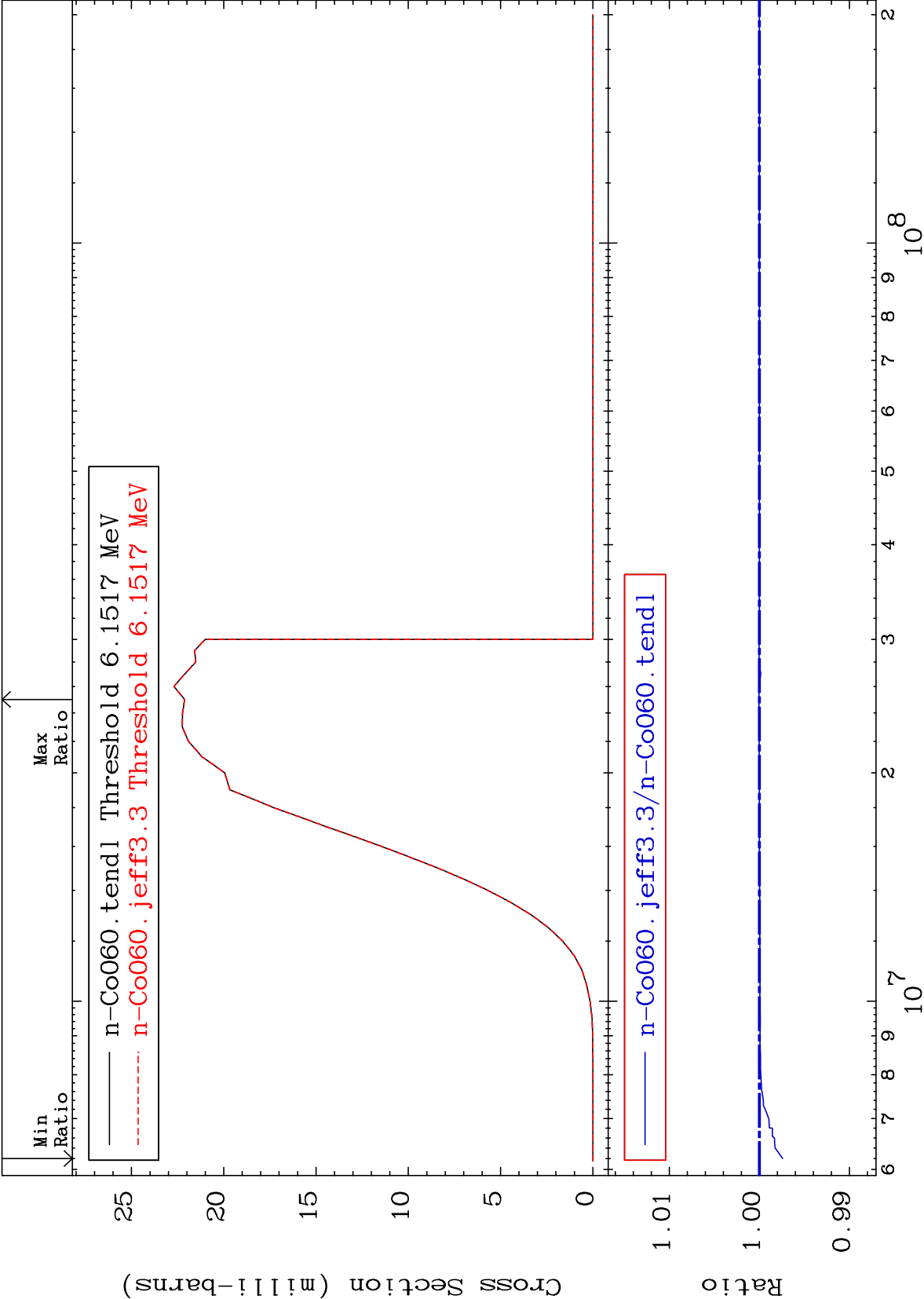
-52.43 To 1.219 %



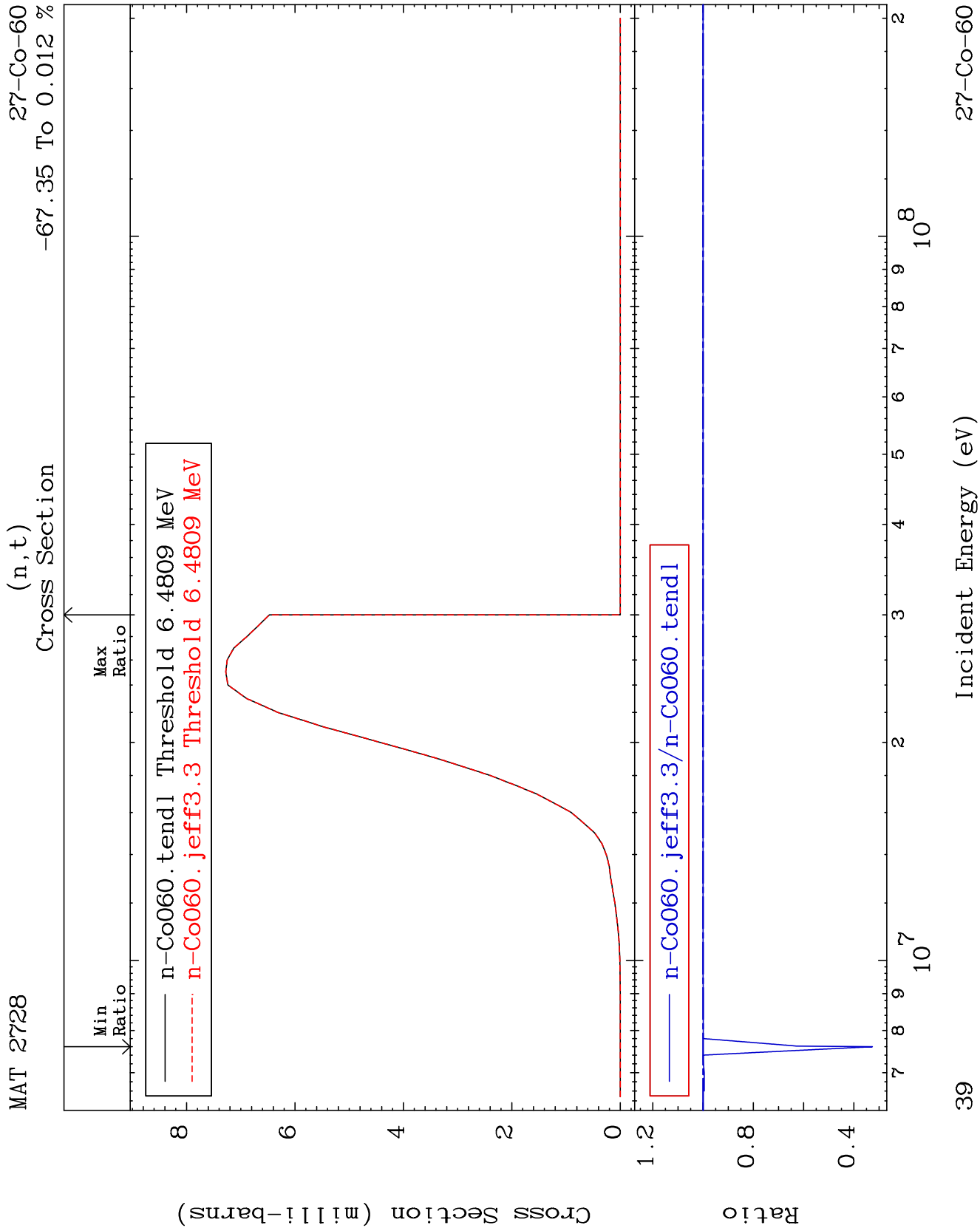
27-Co-60

27-Co-60

(n,d)
Cross Section
-0.259 To 0.005 %



Incident Energy (eV)



MAT 2728

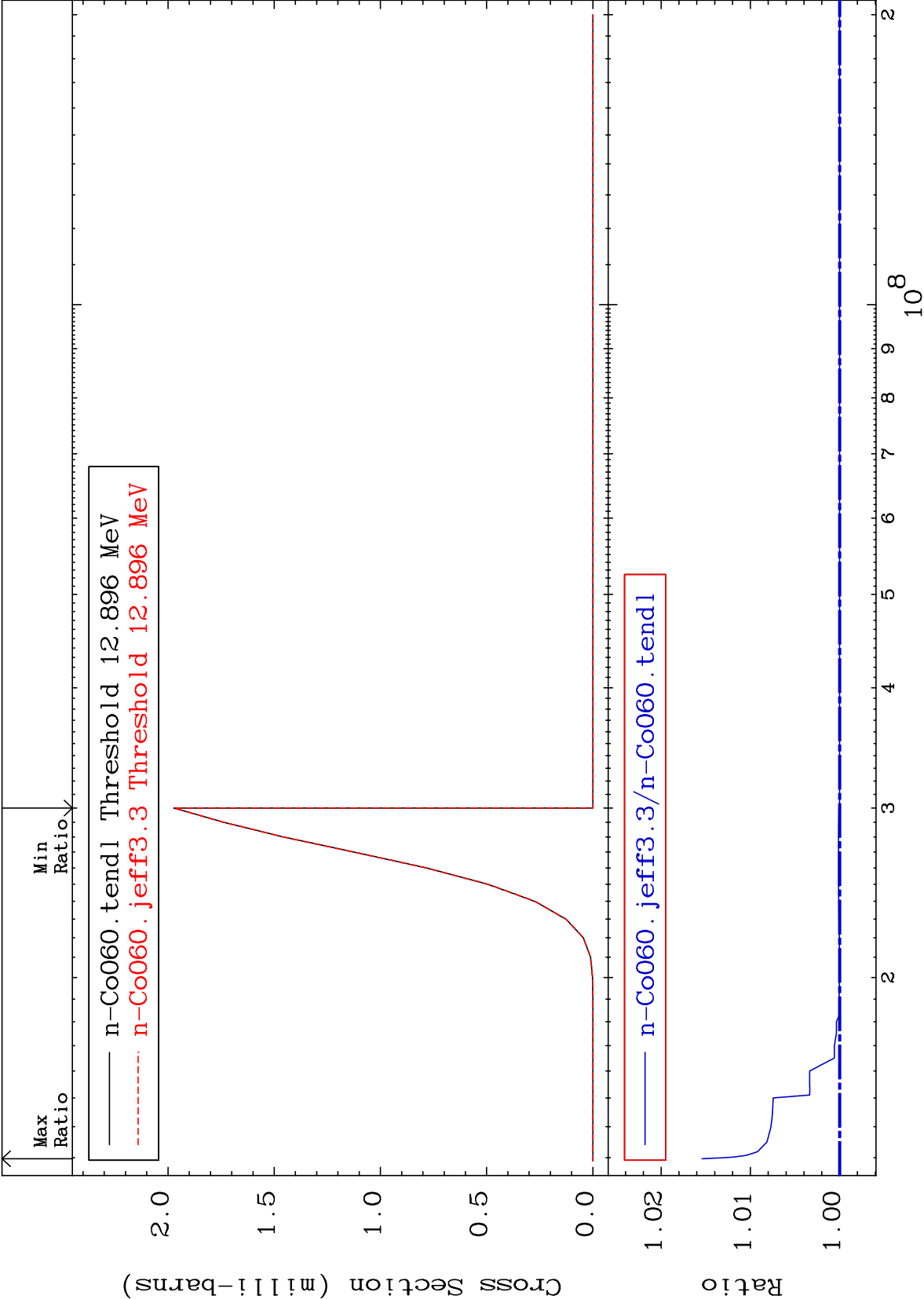
(n,He-3)

27-Co-60

Cross Section

0.000

To 1.543 %



40

Incident Energy (eV)

27-Co-60

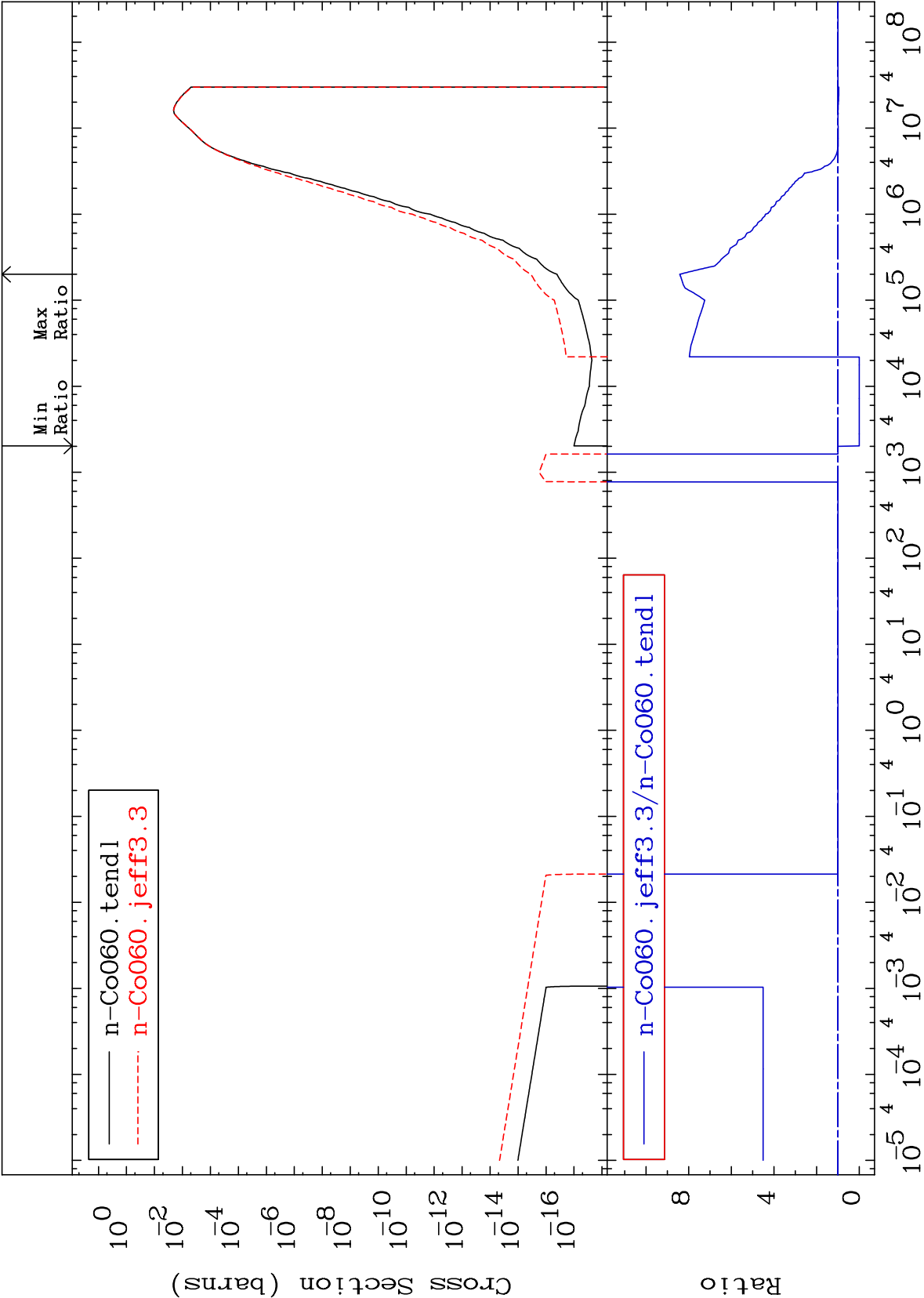
MAT 2728

(n, α)

²⁷Co-60

Cross Section

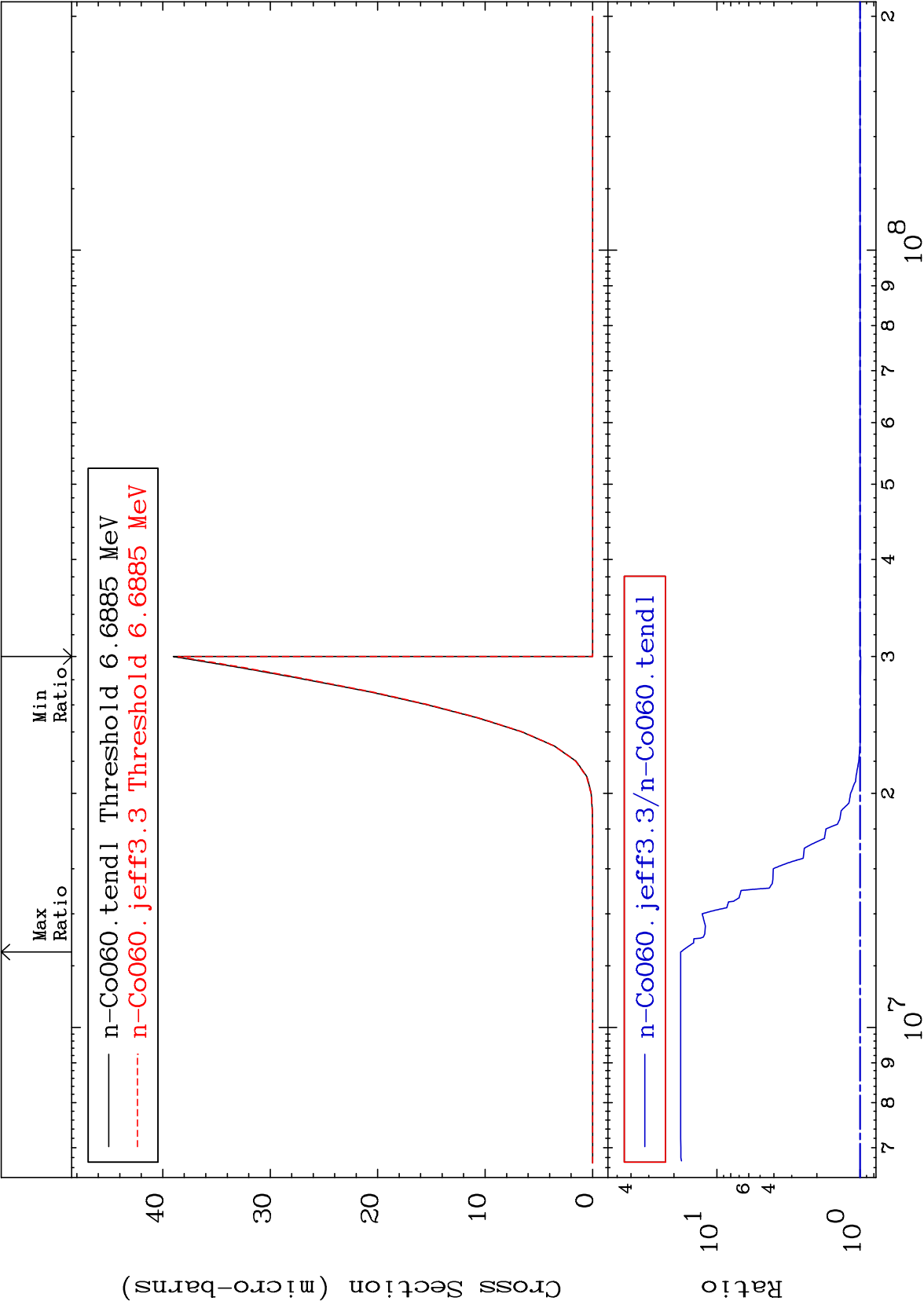
-100.0 To 742.1 %

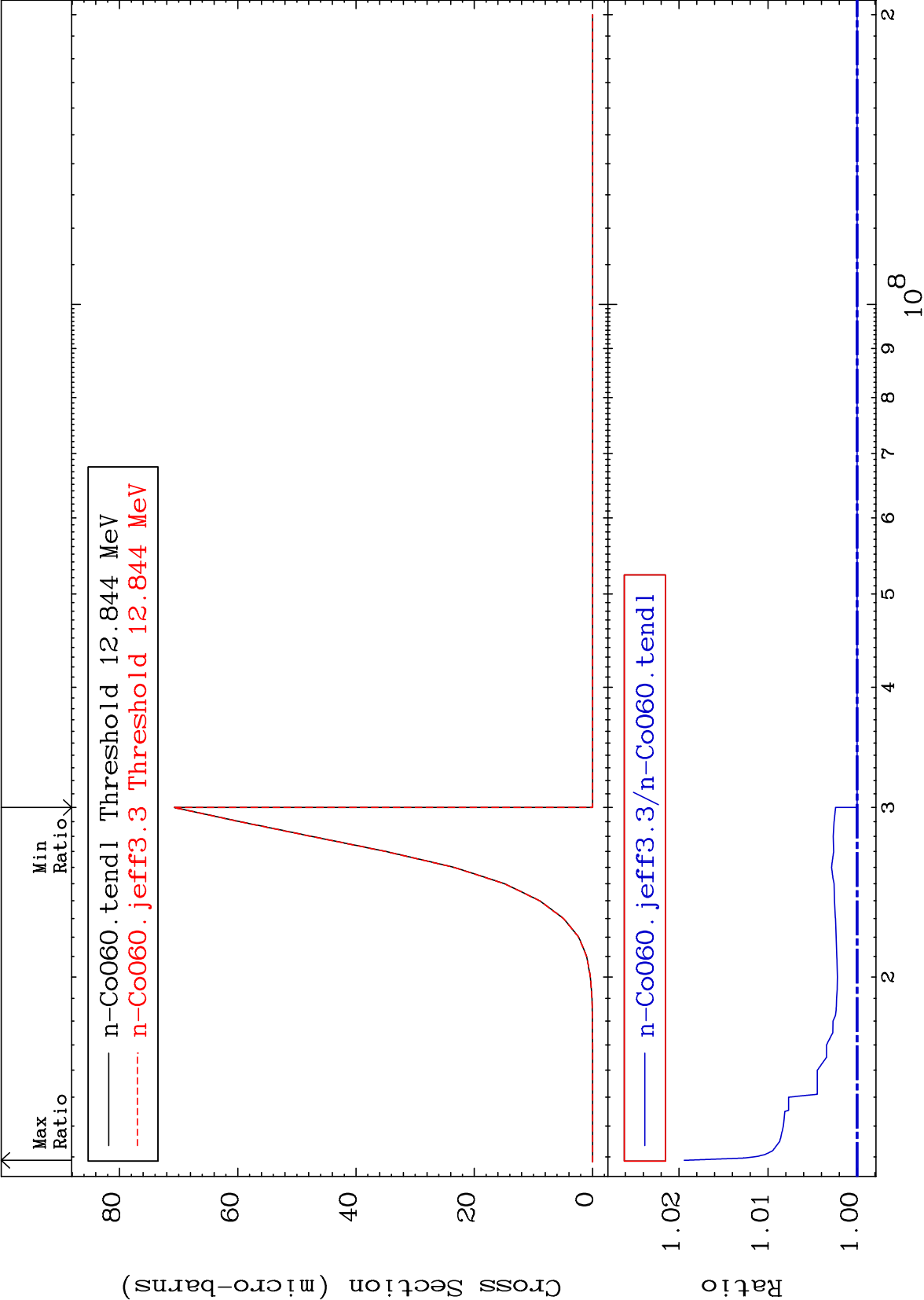


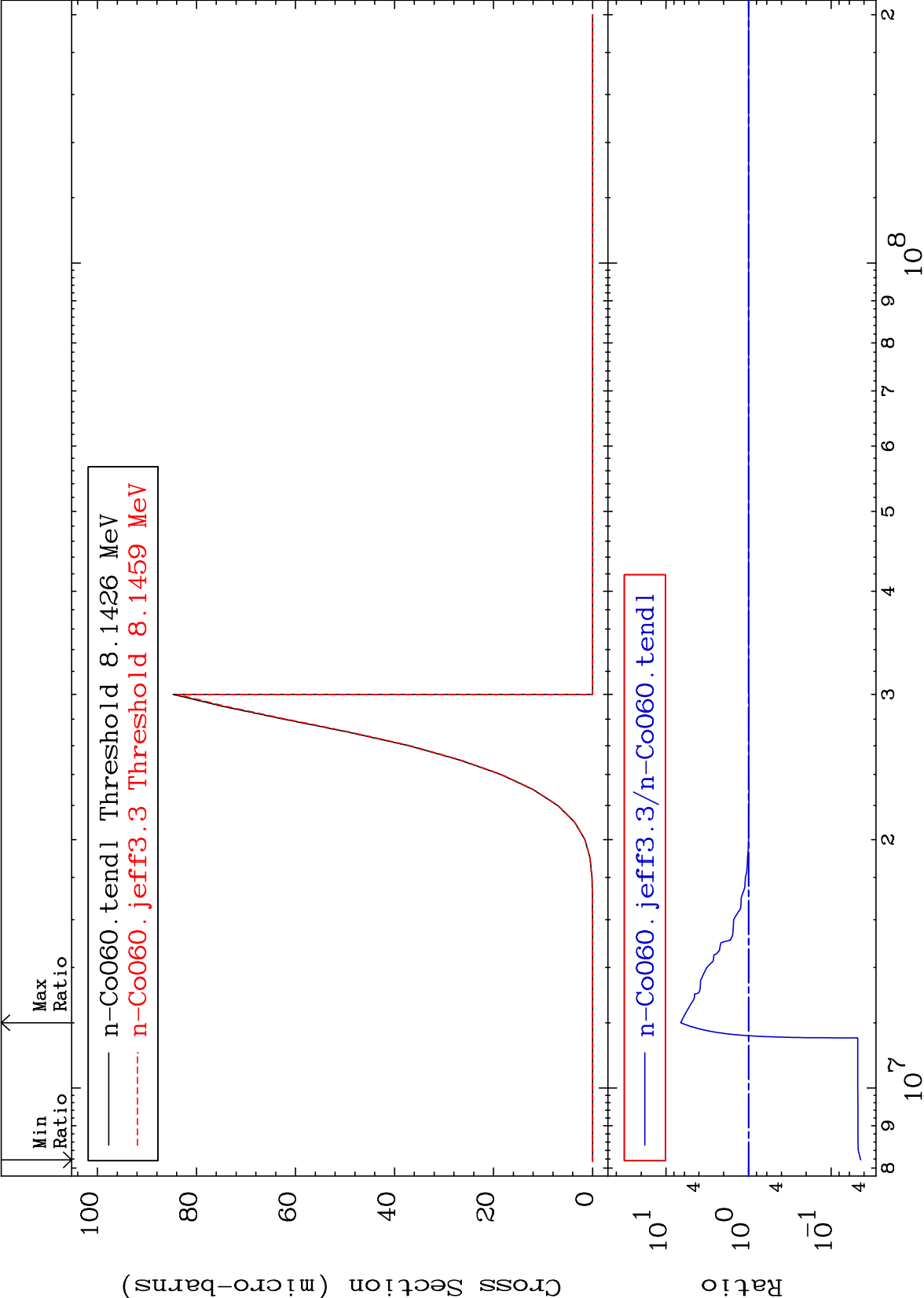
41

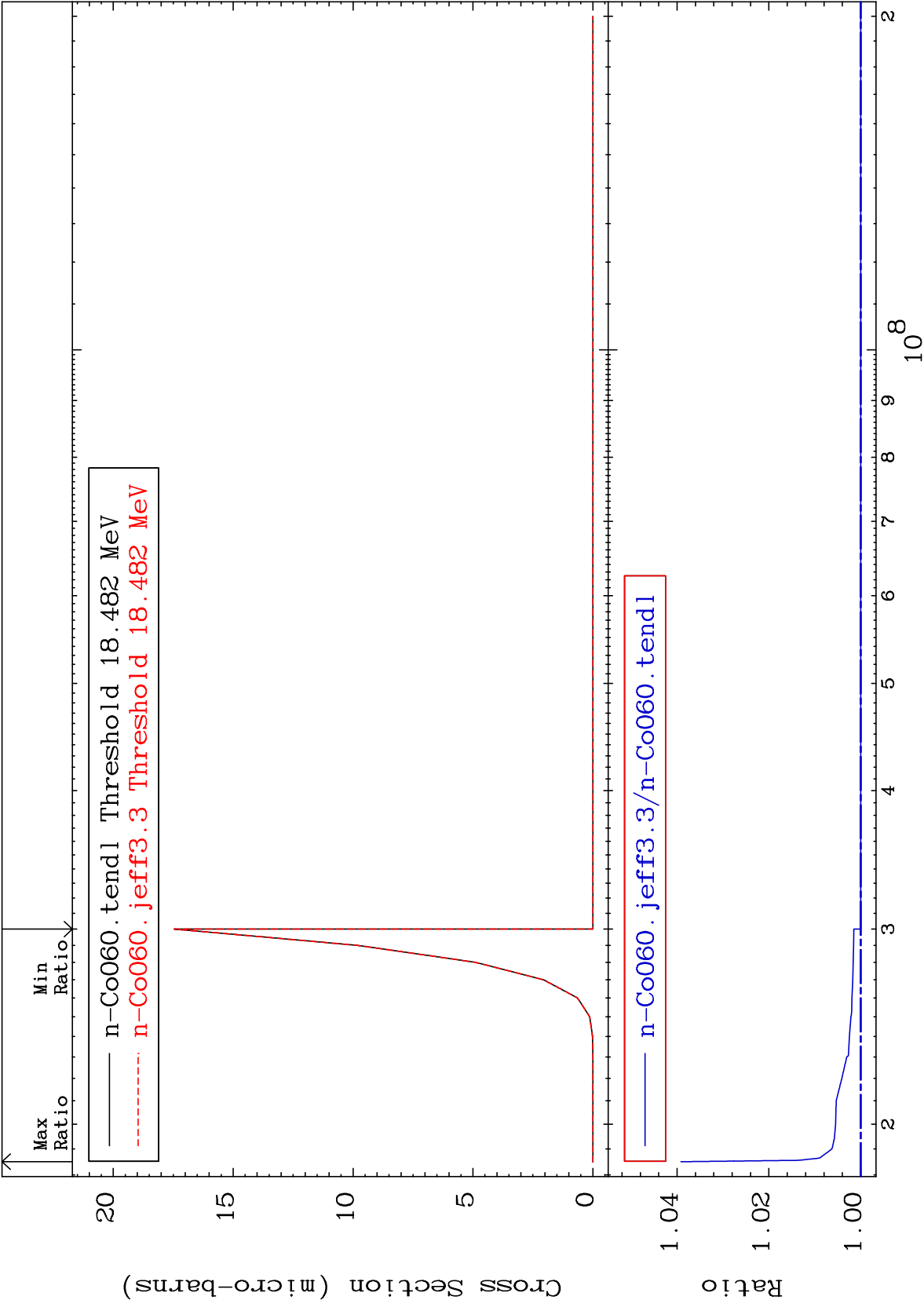
Incident Energy (eV)

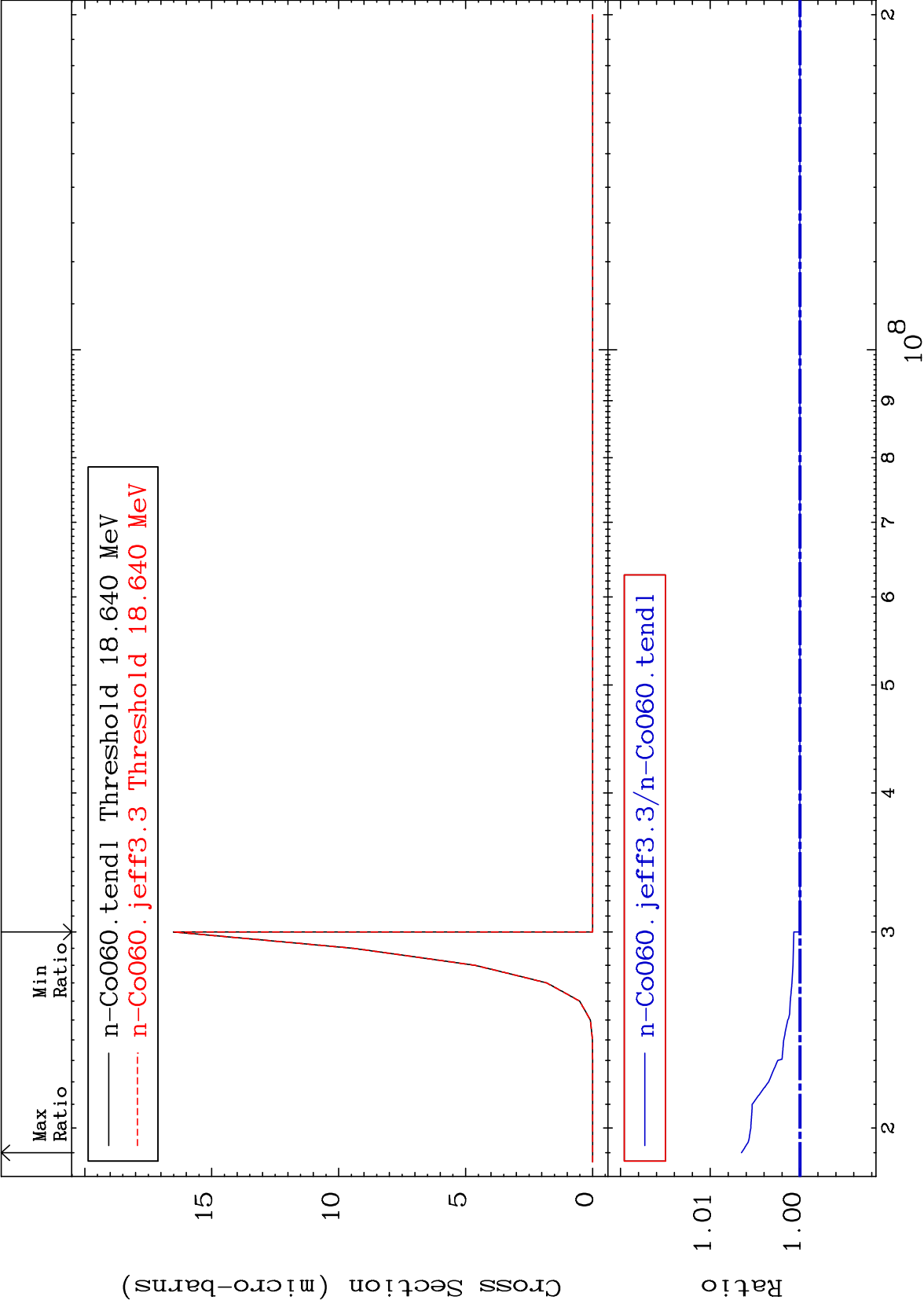
²⁷Co-60

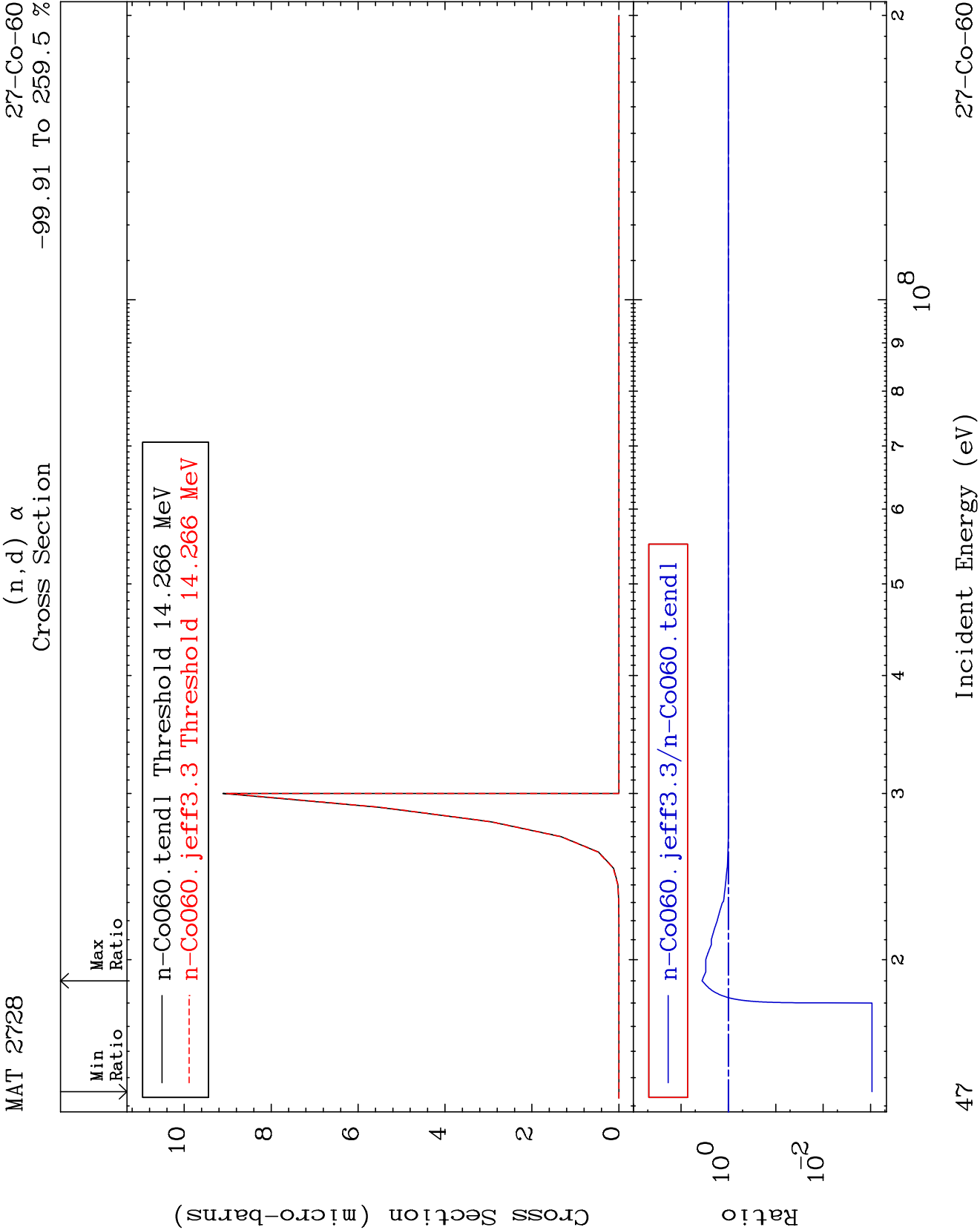


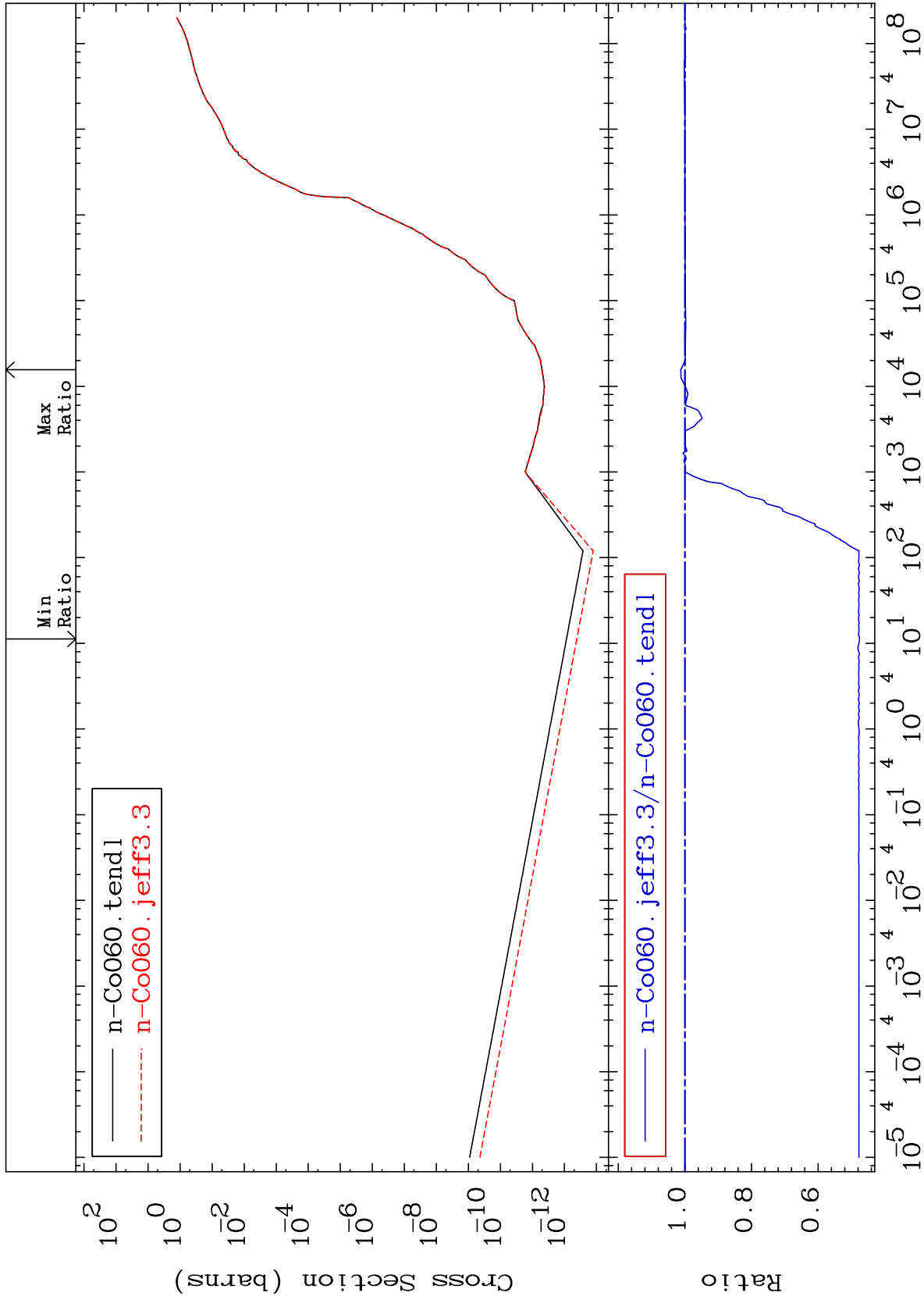


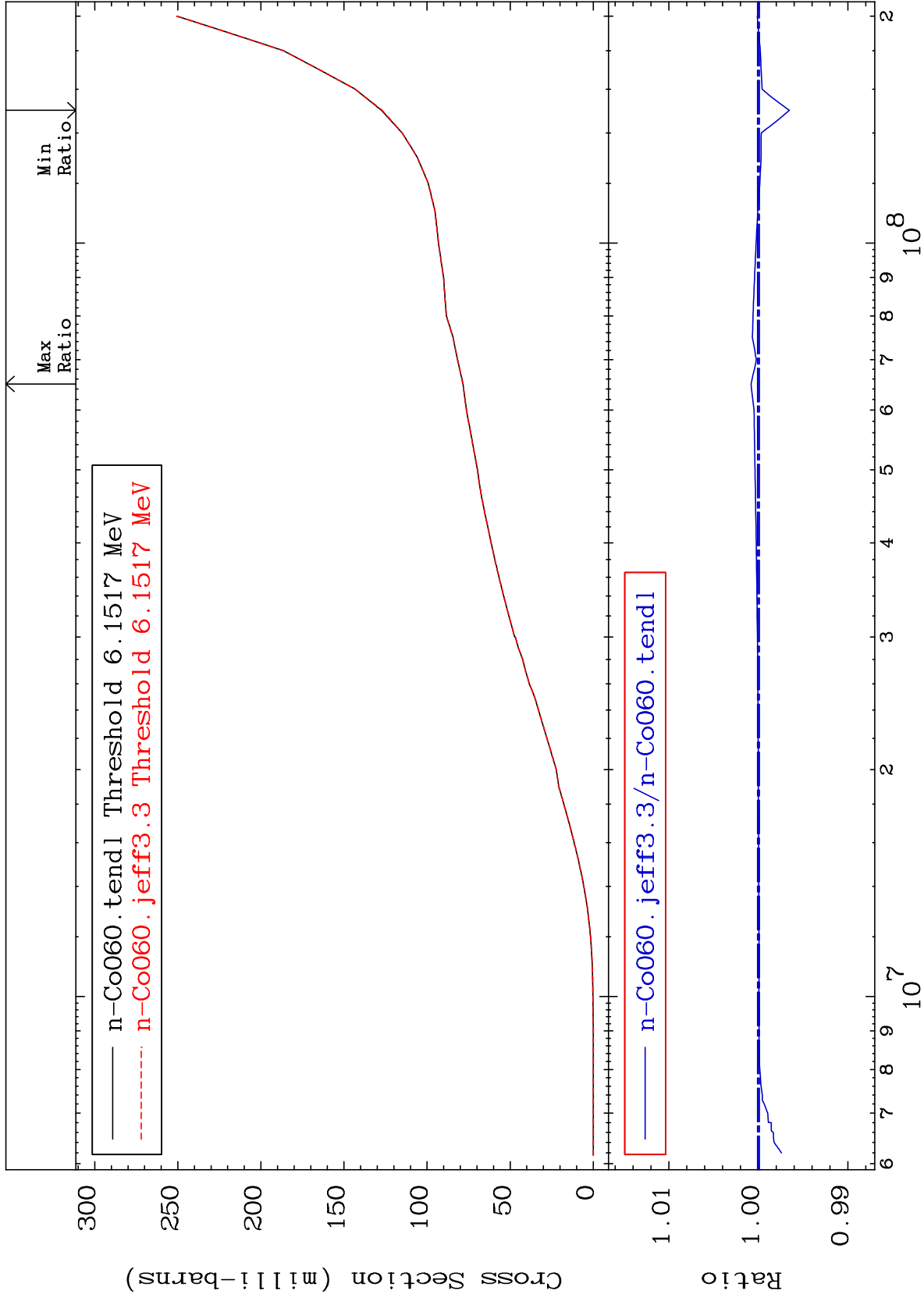










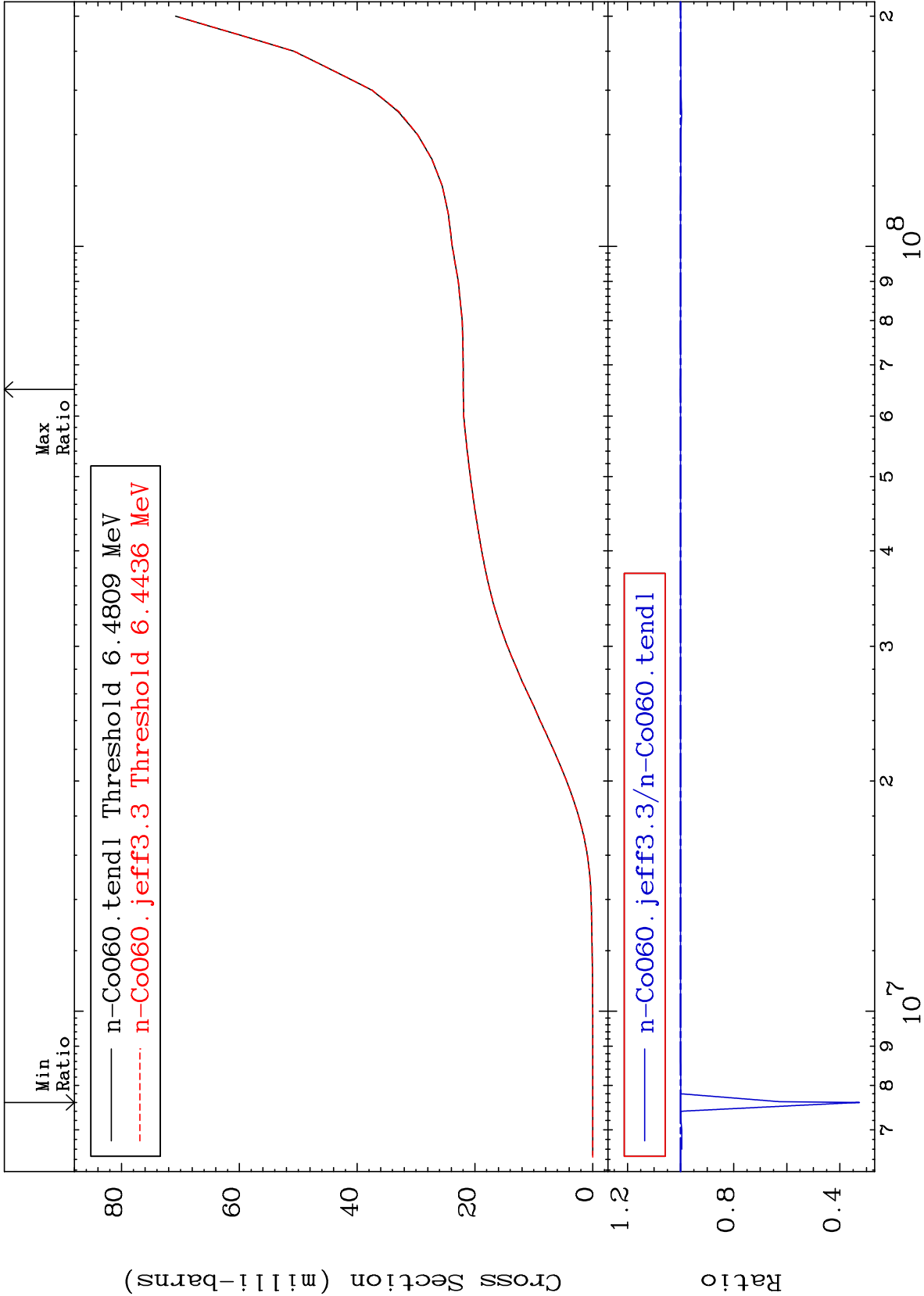


MAT 2728

Tritium Production
Cross Section

²⁷Co-60

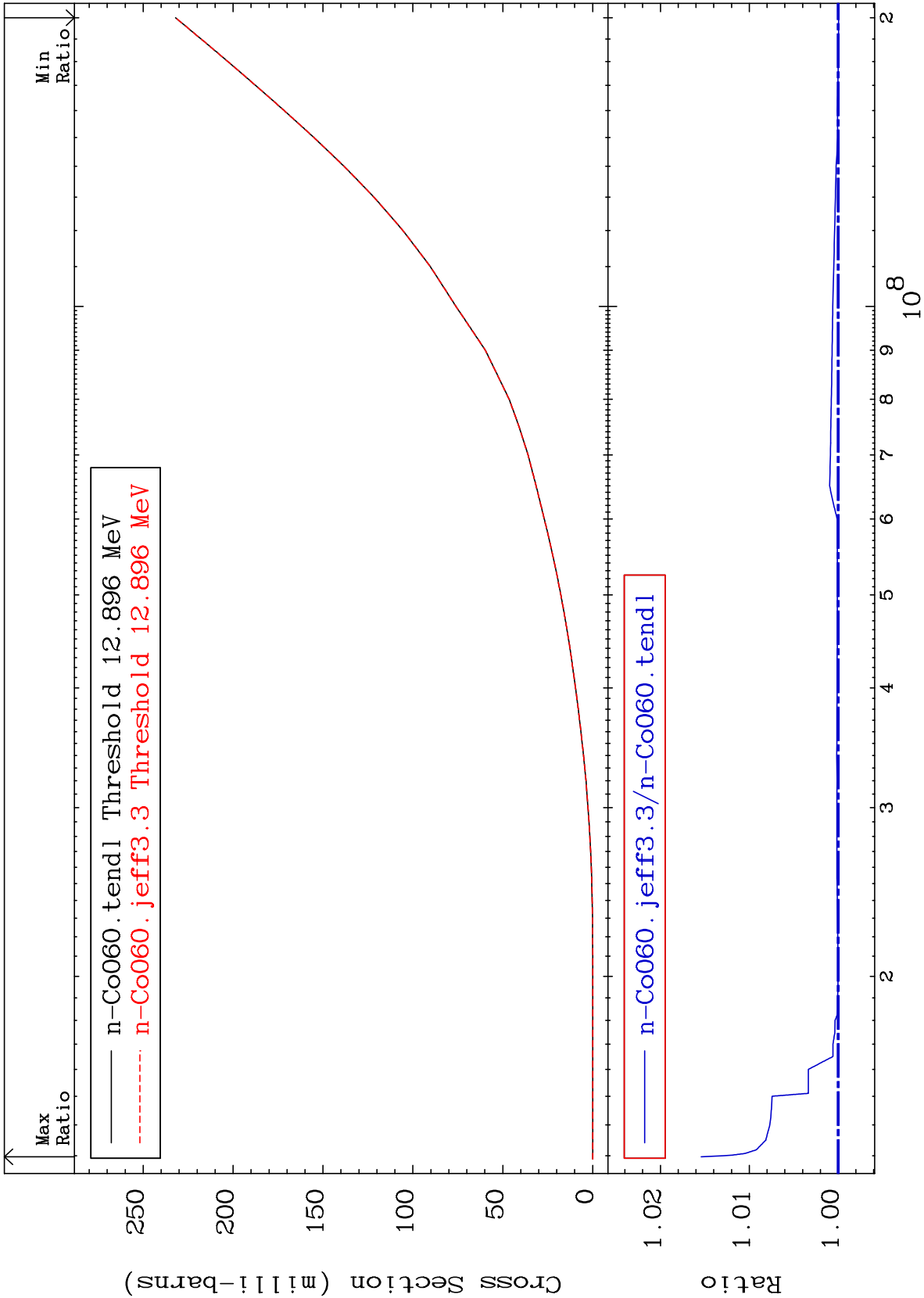
-67.35 To 0.087 %



50

Incident Energy (eV)

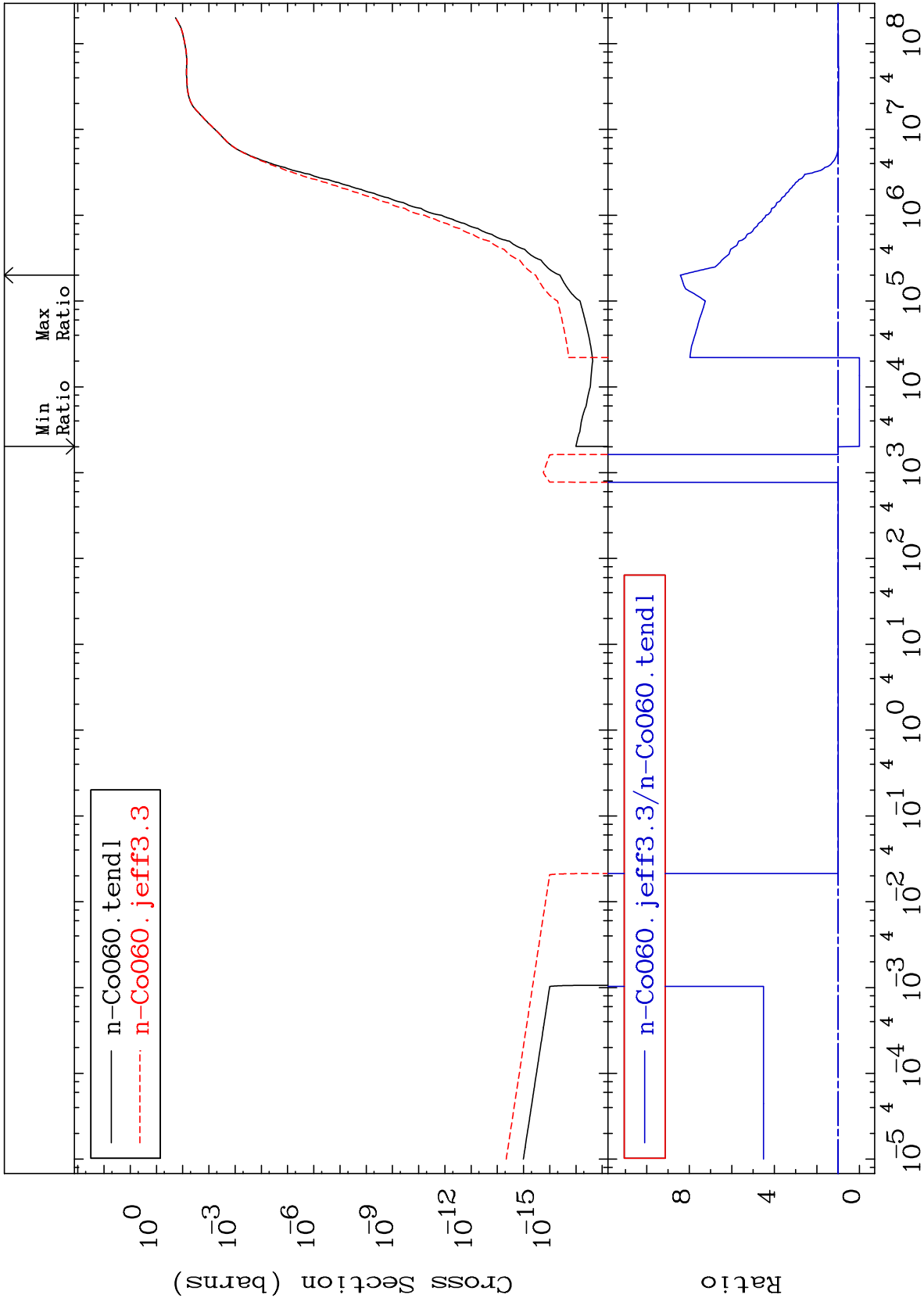
²⁷Co-60



MAT 2728

He-4 Production
Cross Section

27-Co-60
-100.0 To 742.1 %



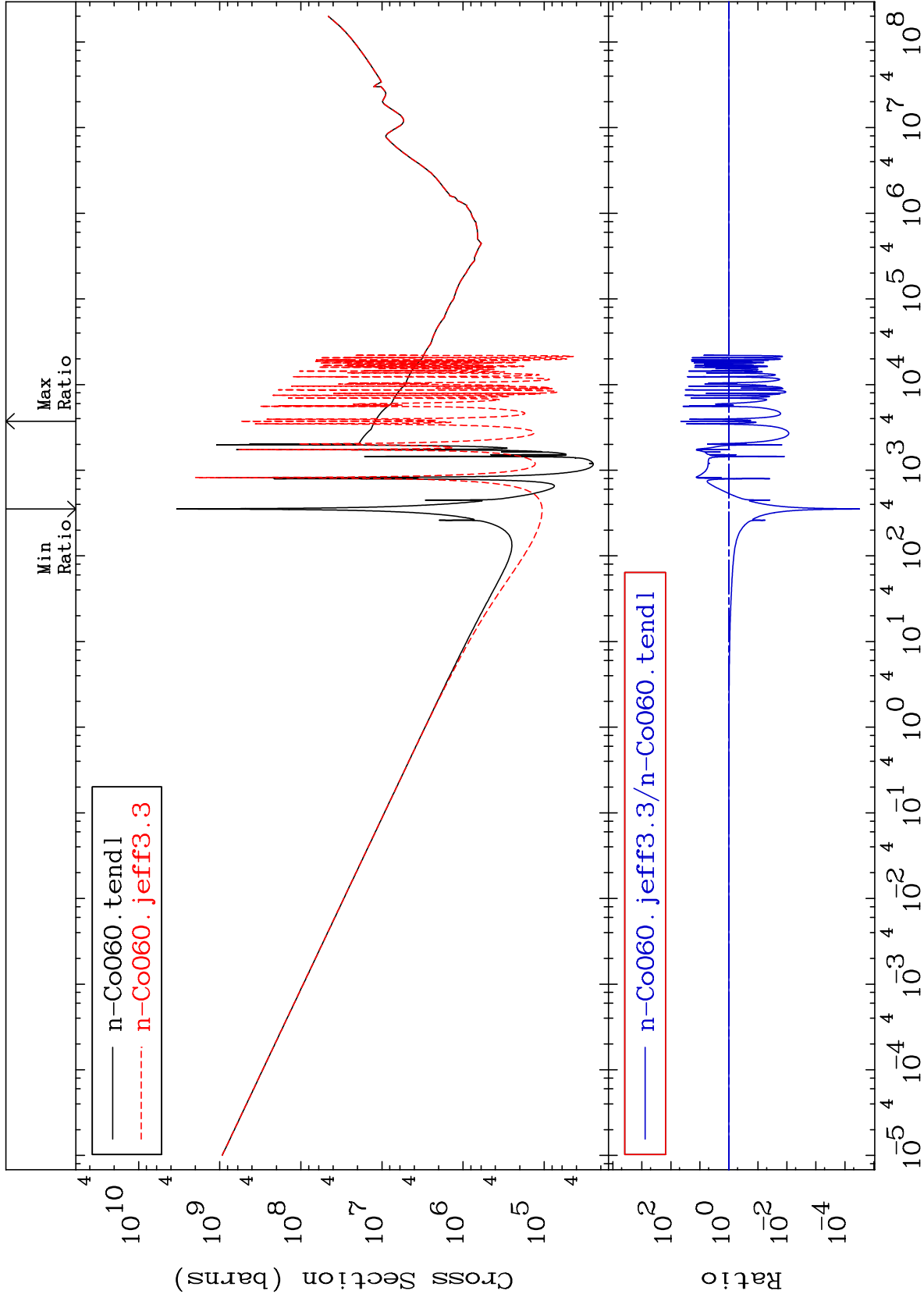
52

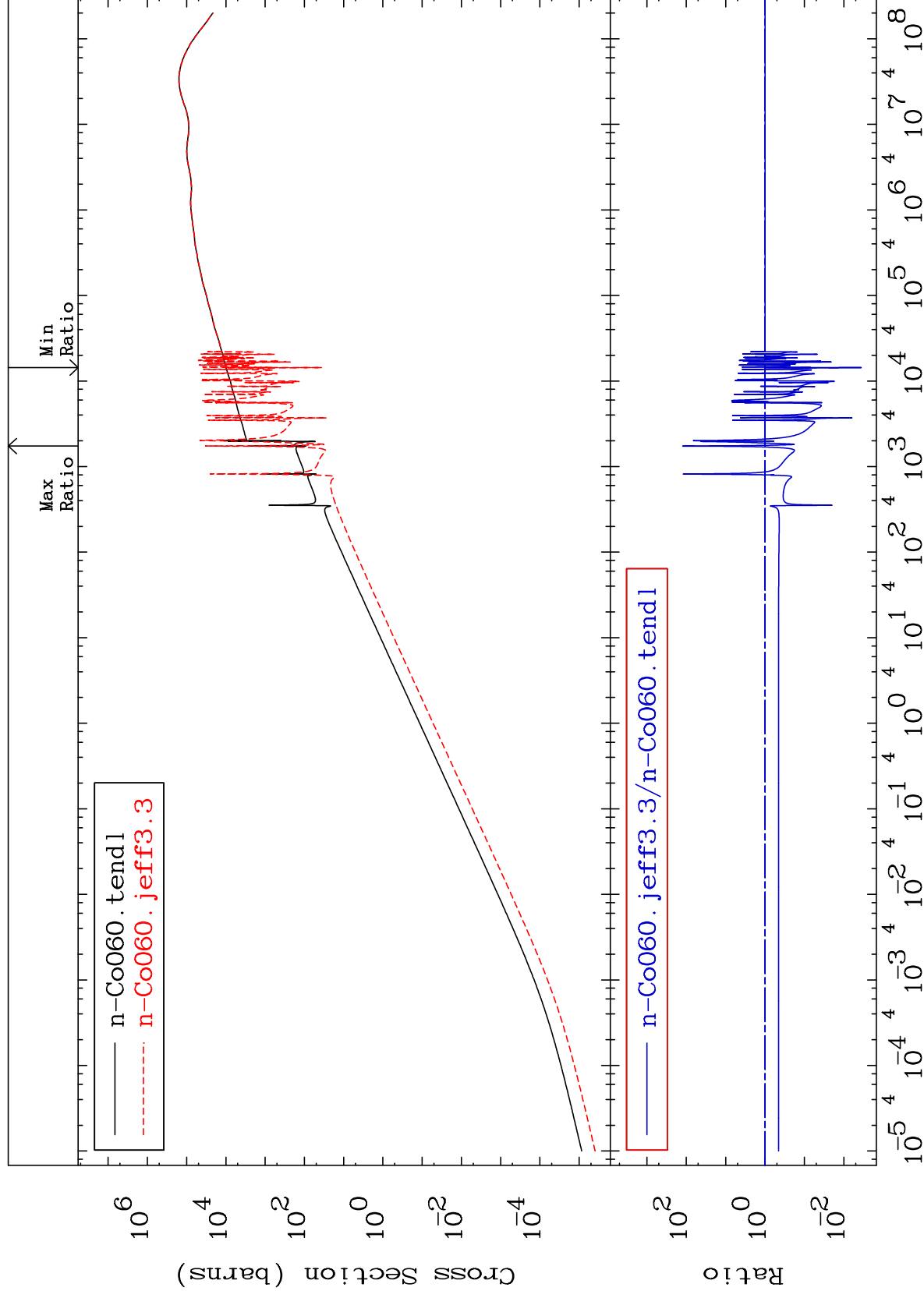
Incident Energy (eV)

27-Co-60

-100.0 To 4449. %

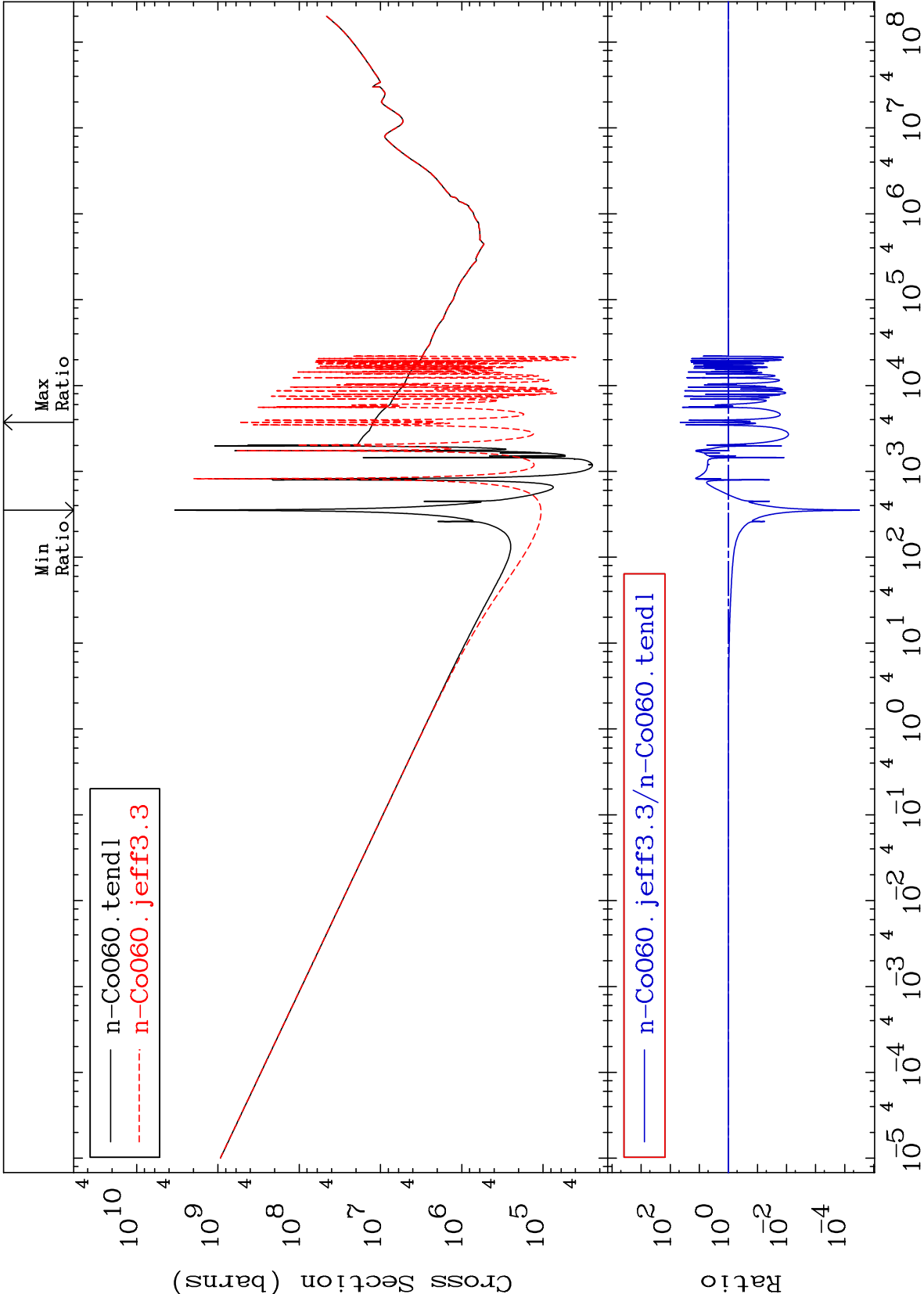
Cross Section





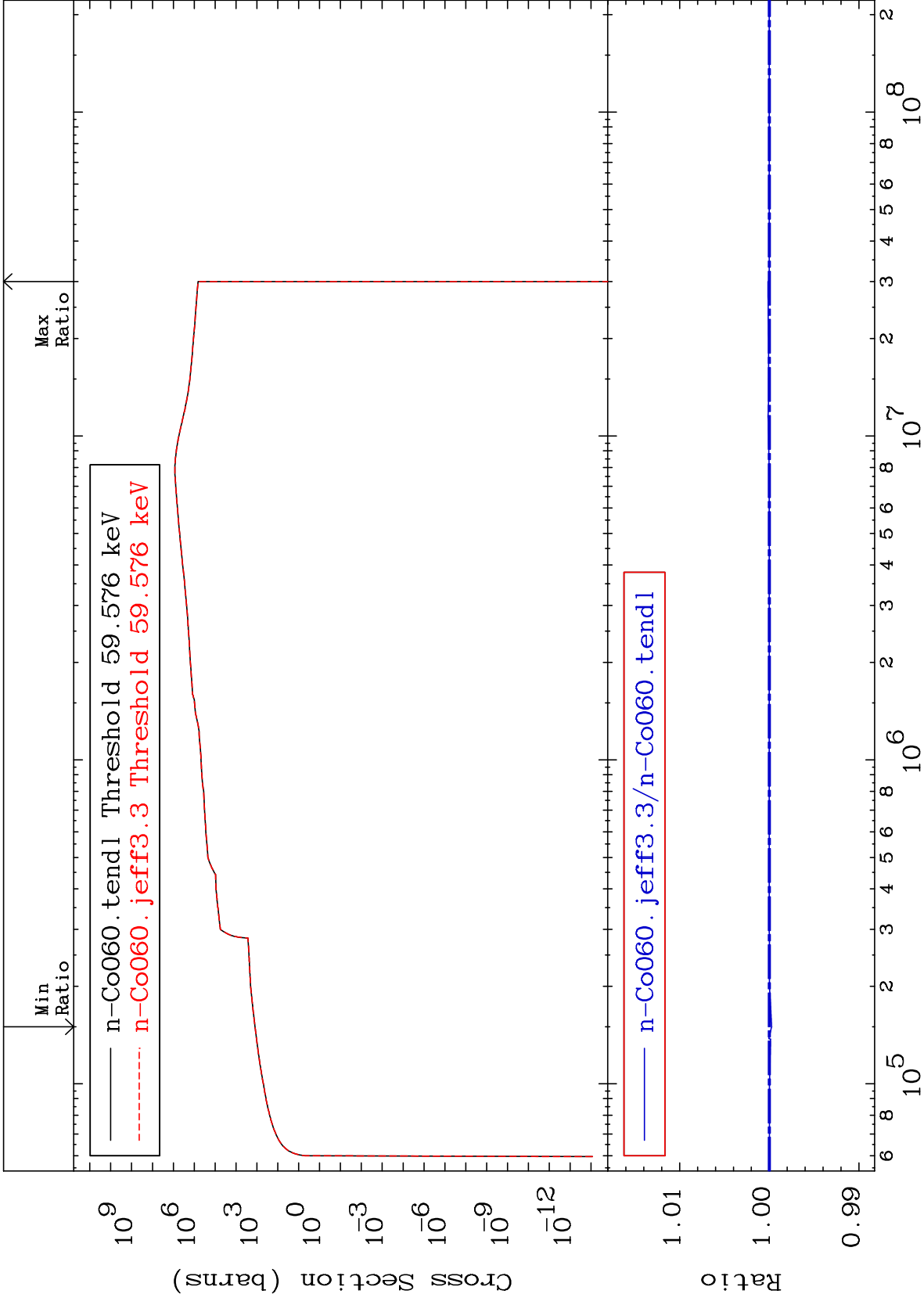
-100.0 To 4450. %

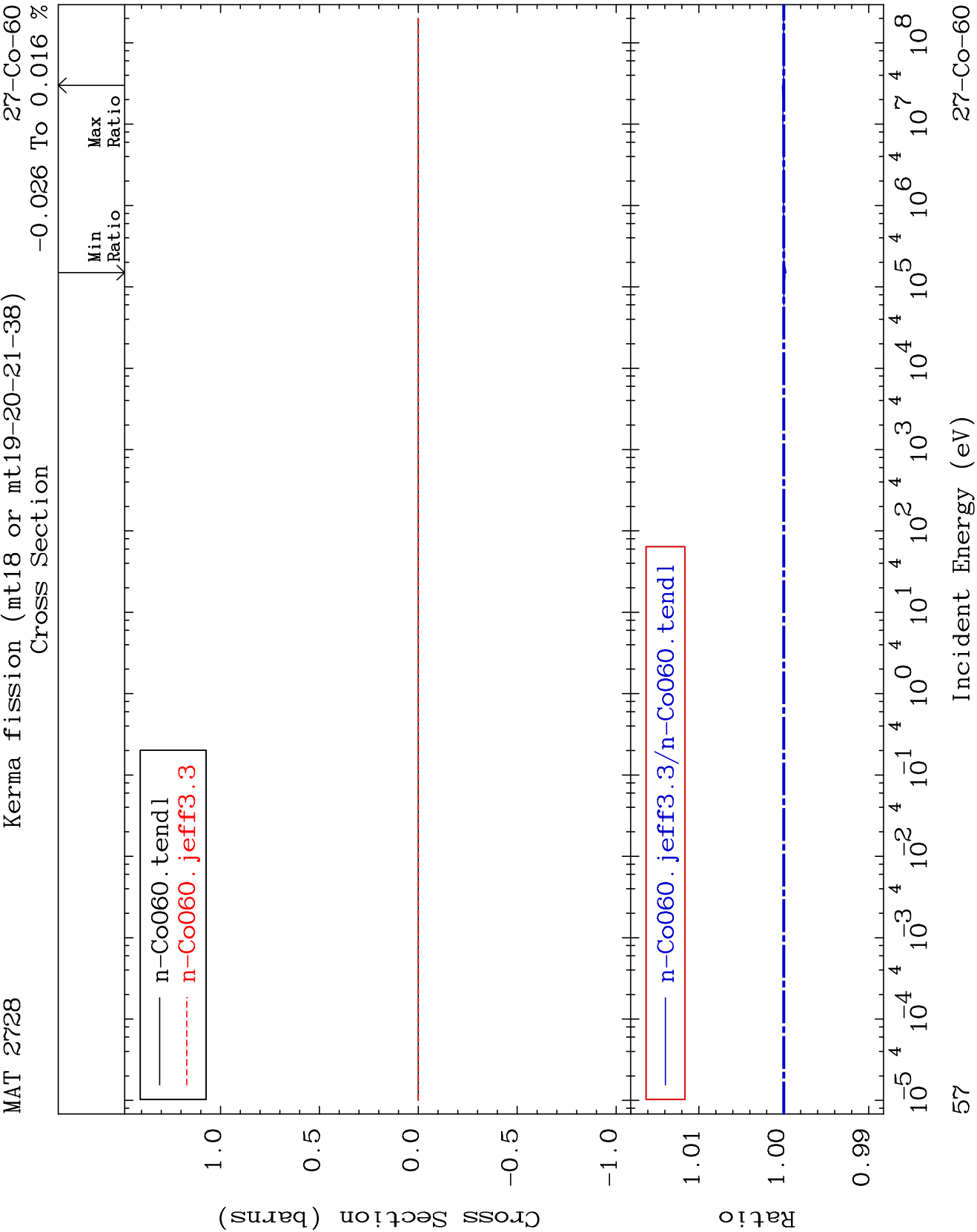
Cross Section

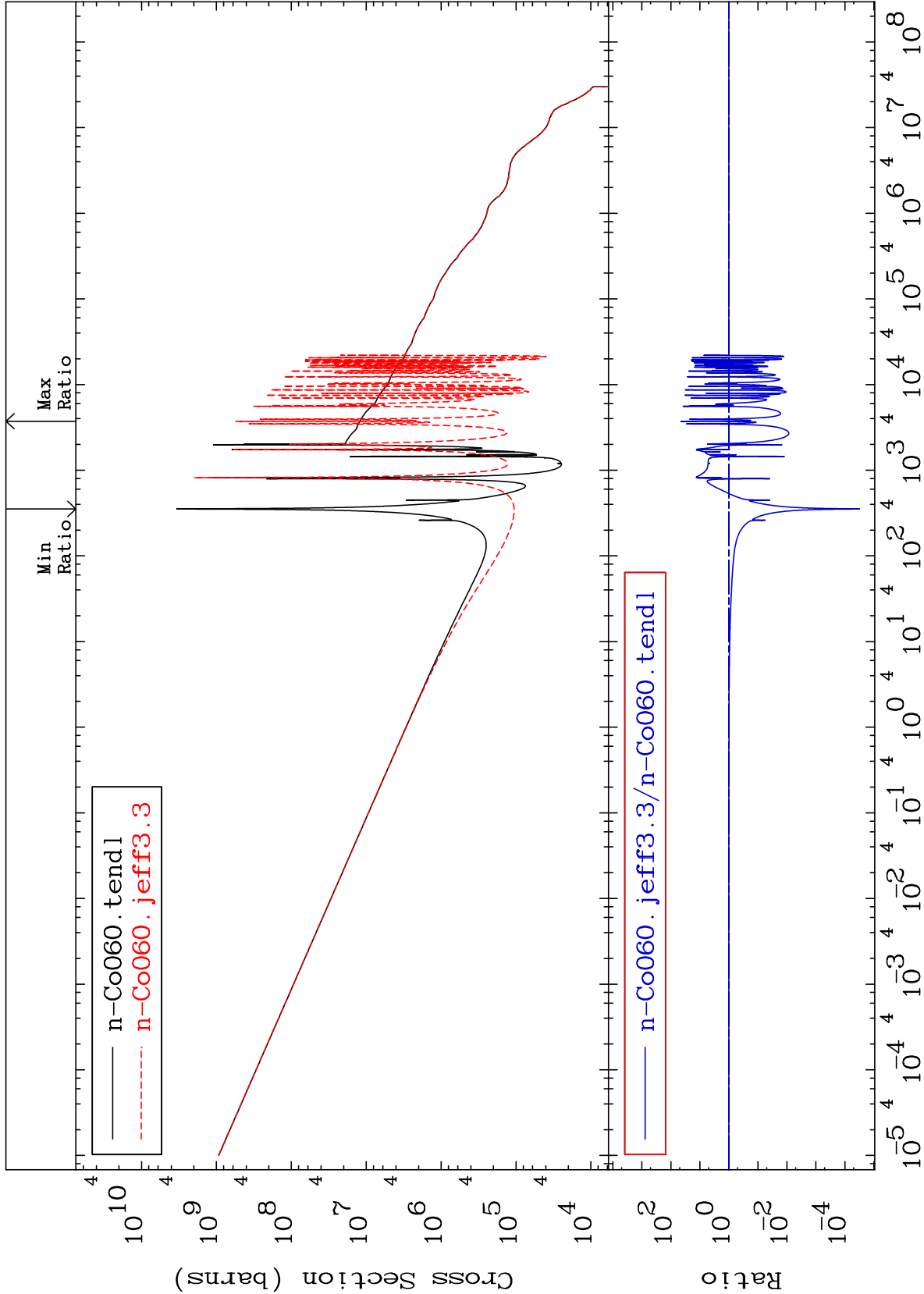


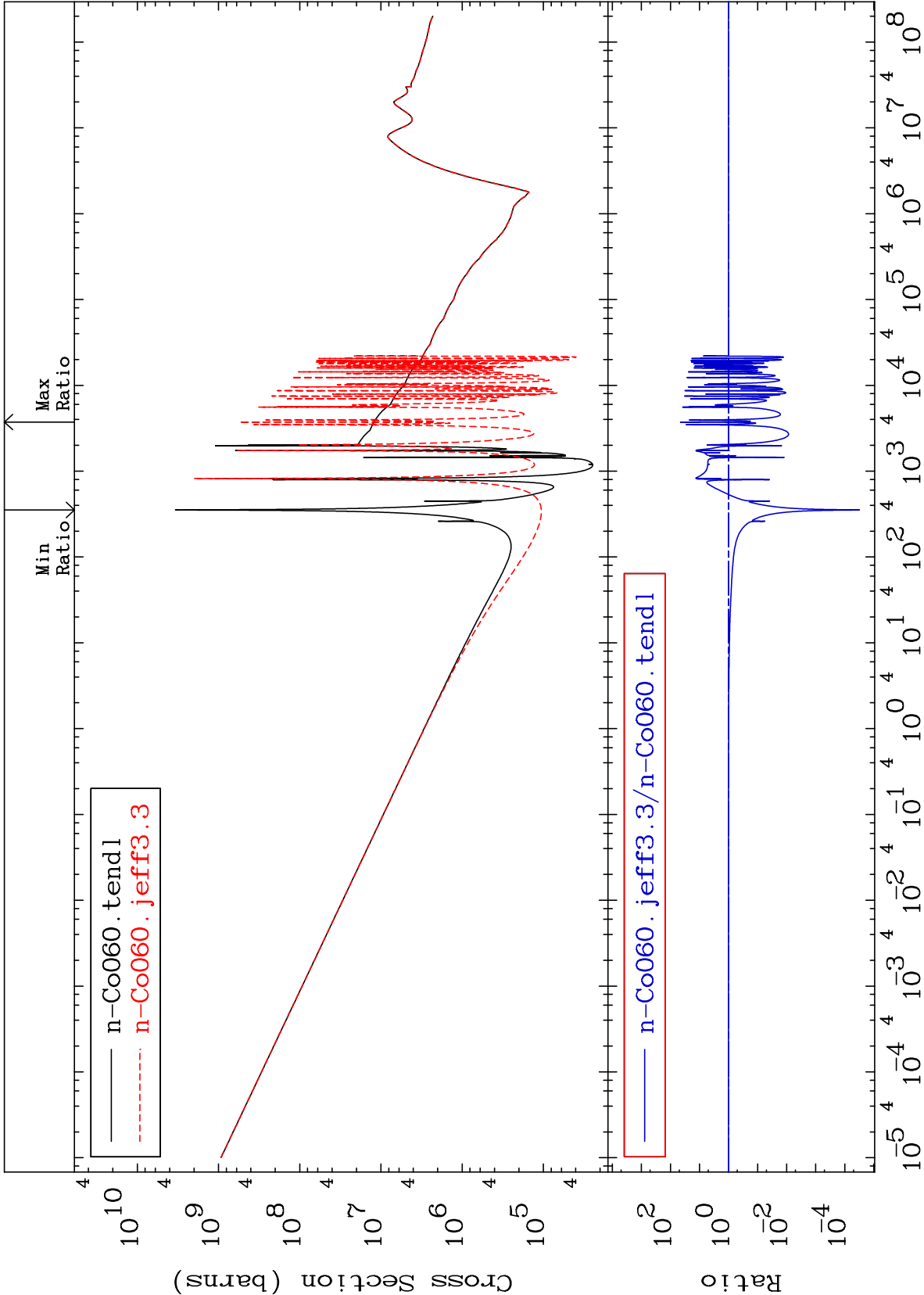
Cross Section

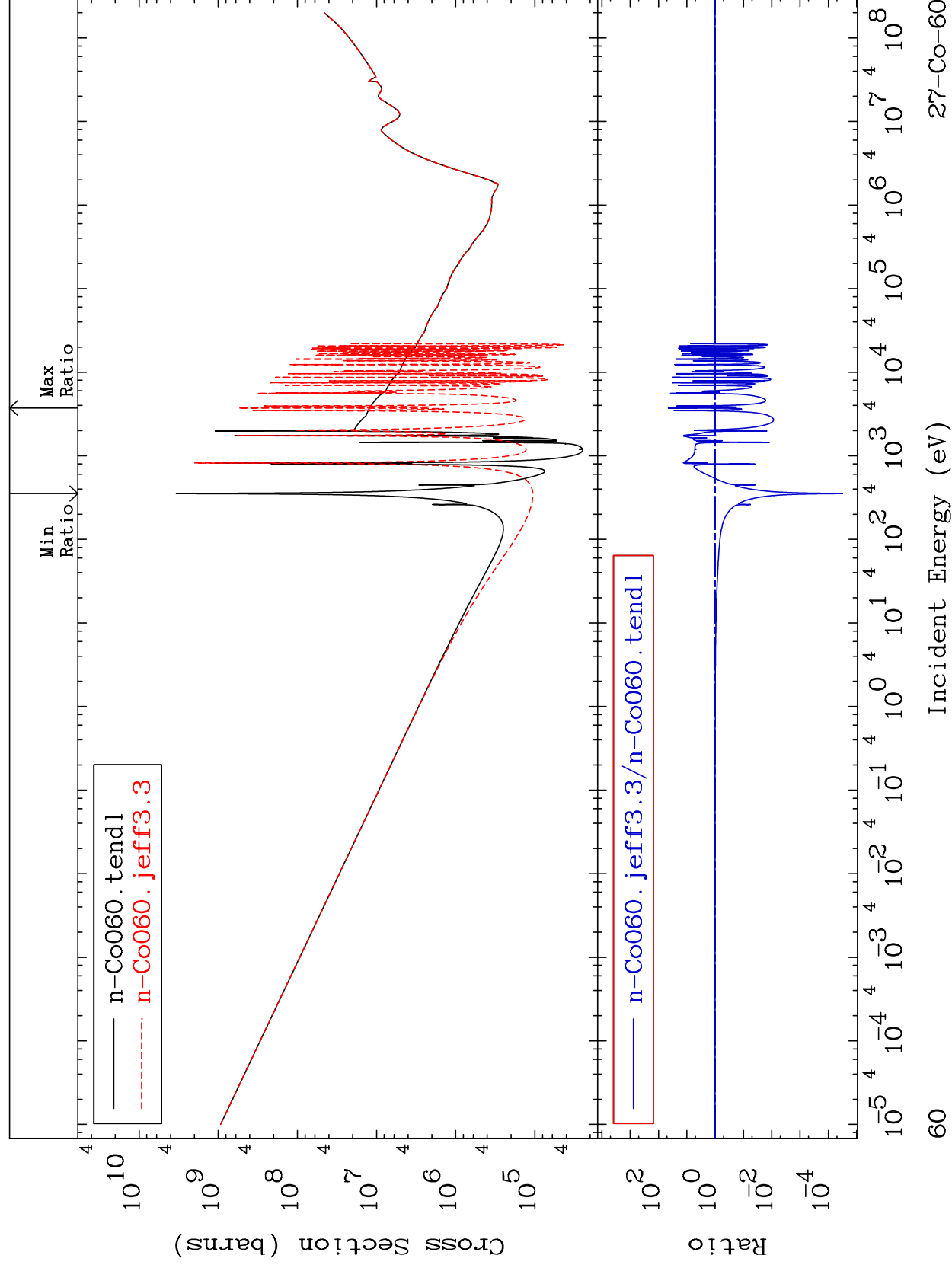
-0.026 To 0.016 %





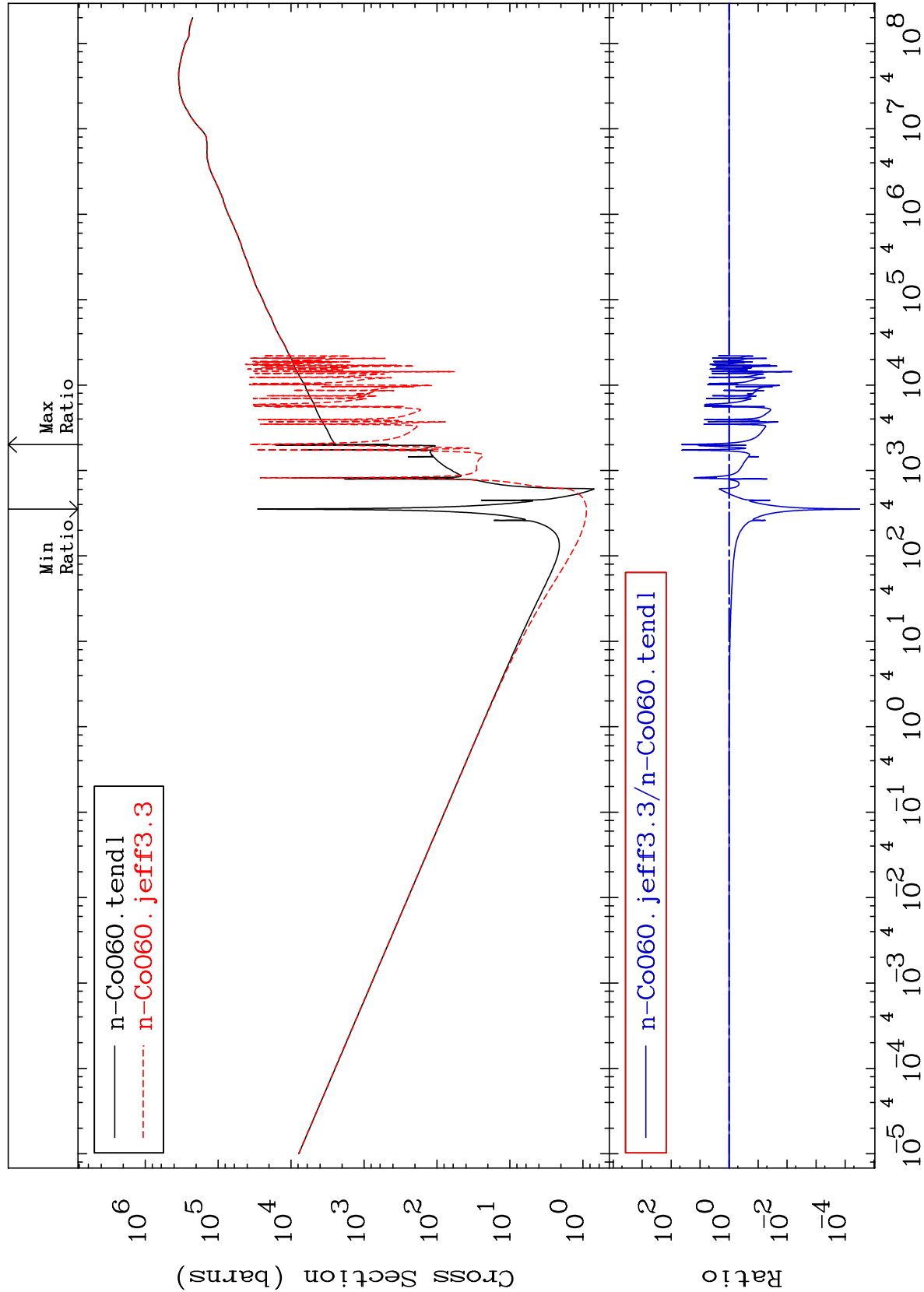


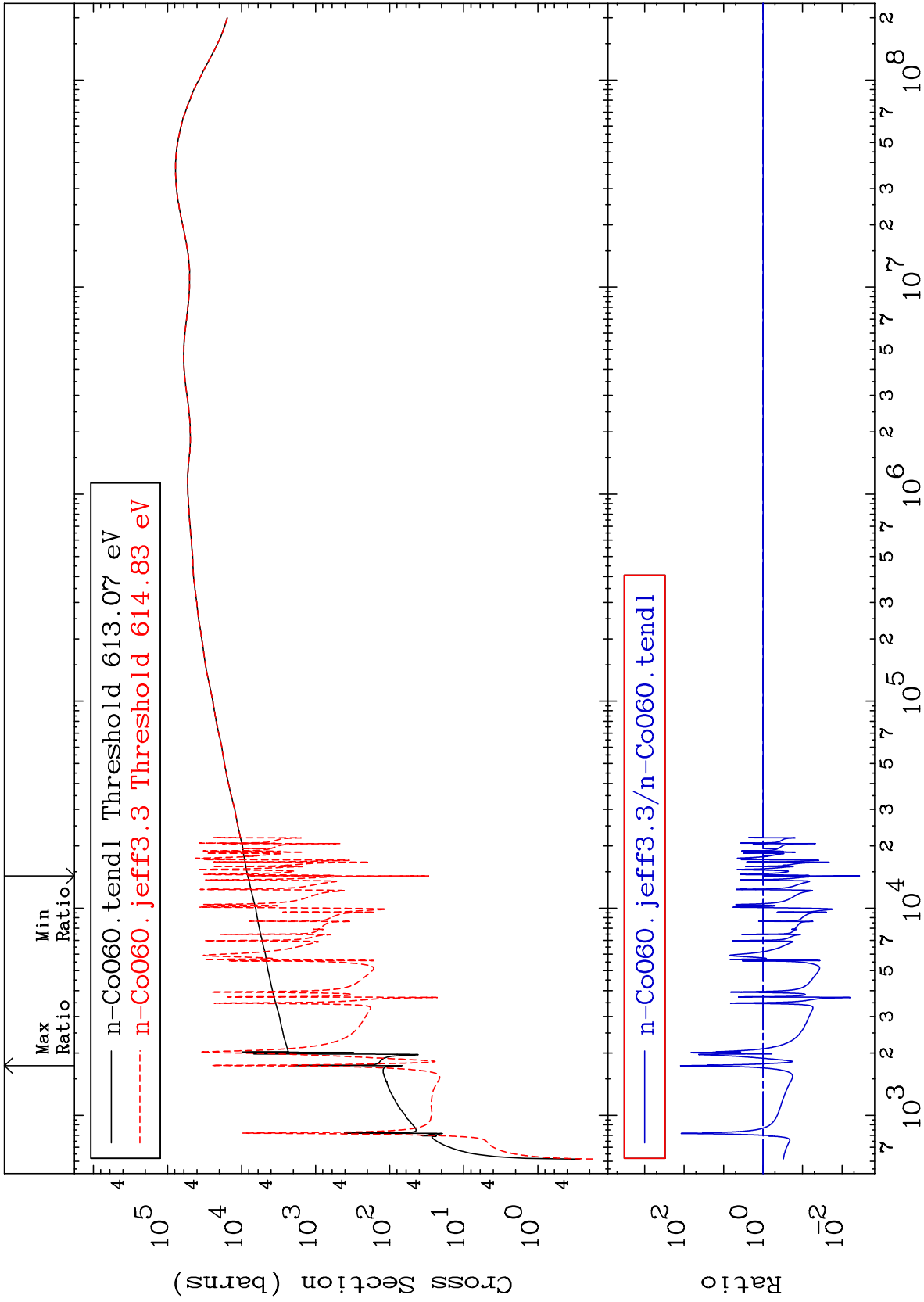




-100.0 To 4329. %

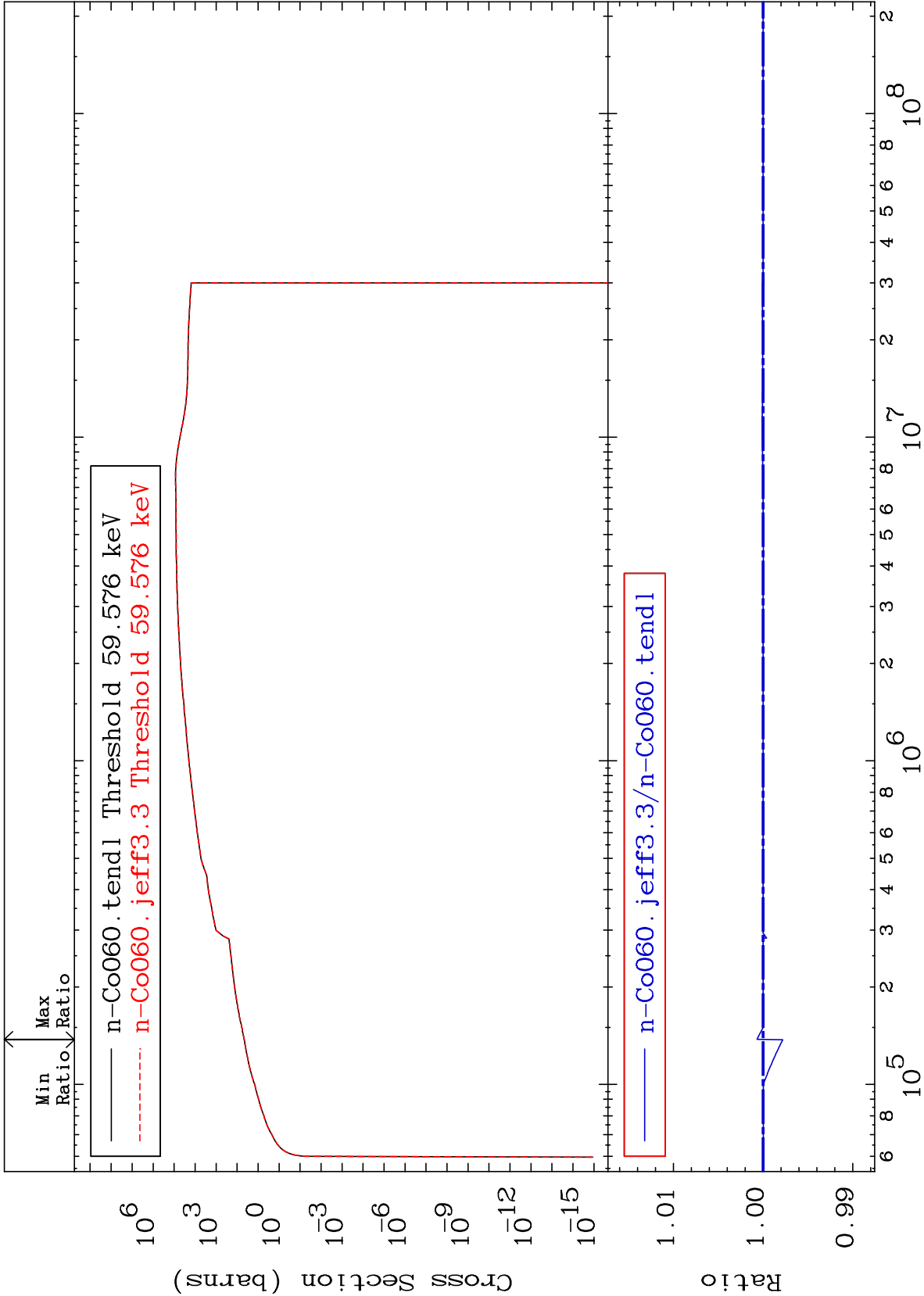
Cross Section





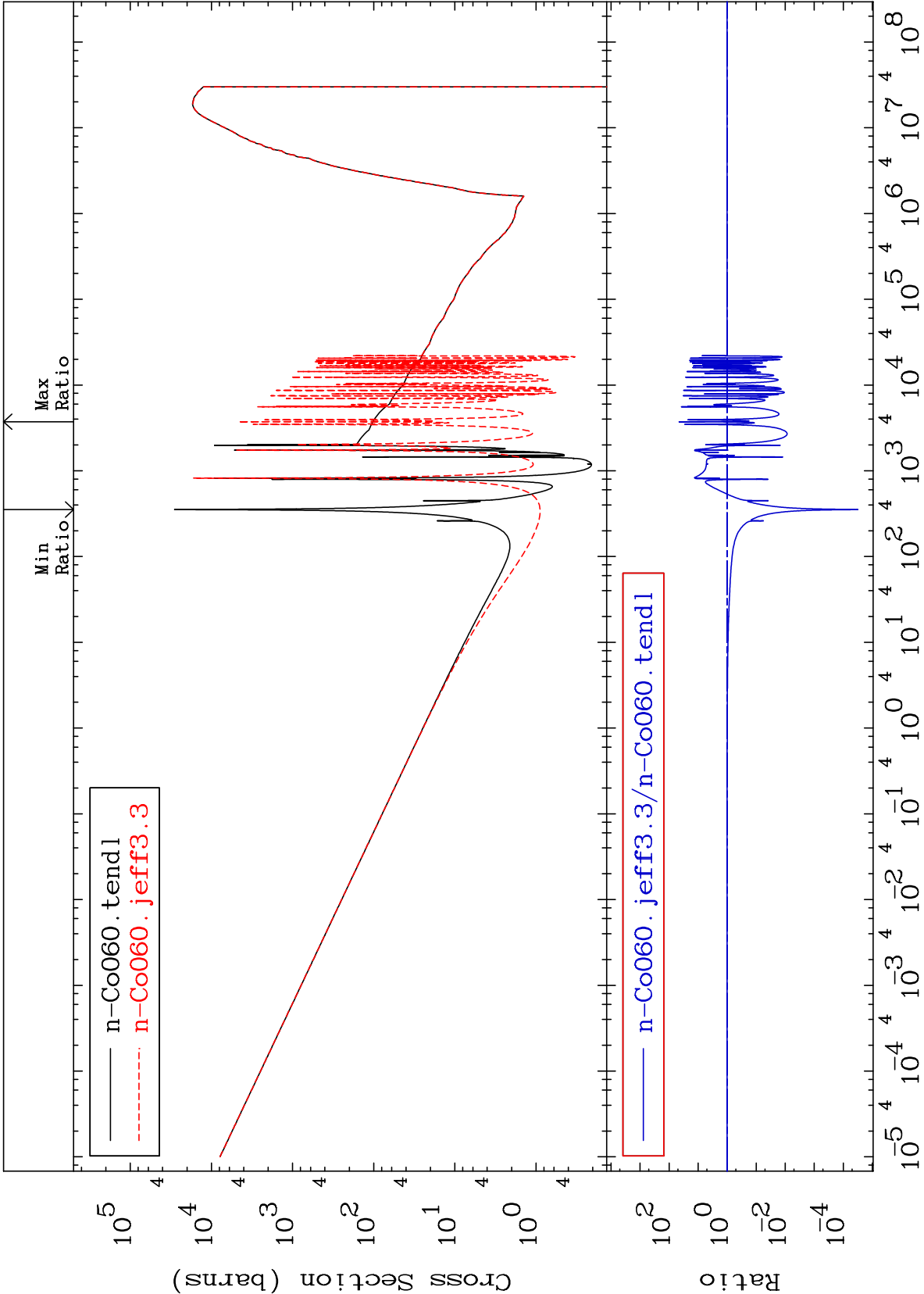
Cross Section

-0.219 To 0.067 %



-100.0 To 4450. %

Cross Section

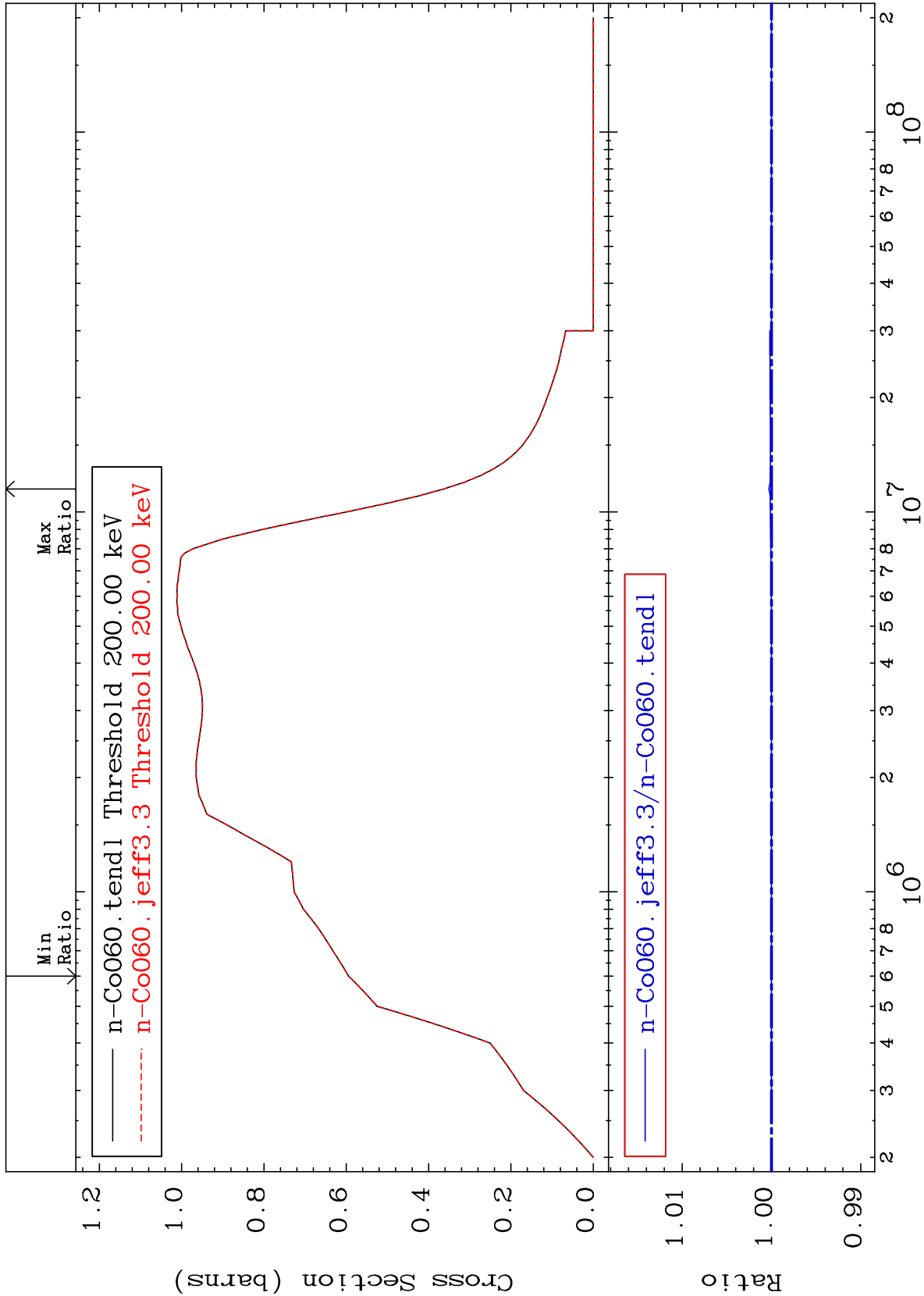


MAT 2728

27-Co-60

Inelastic:27-Co-60g

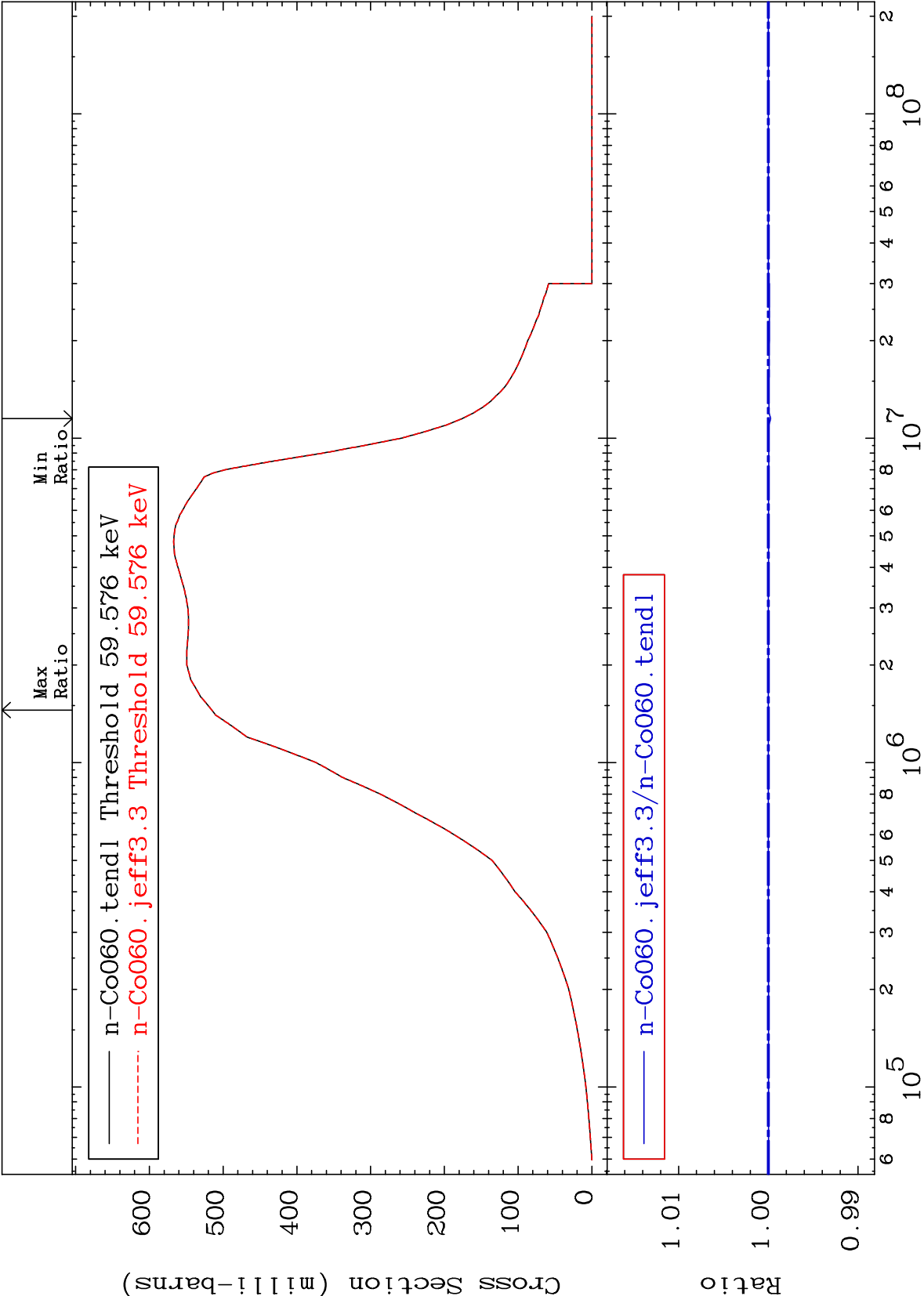
Radionuclide Production Cross Section 0.000 To 0.030 %



65

Incident Energy (eV)

27-Co-60



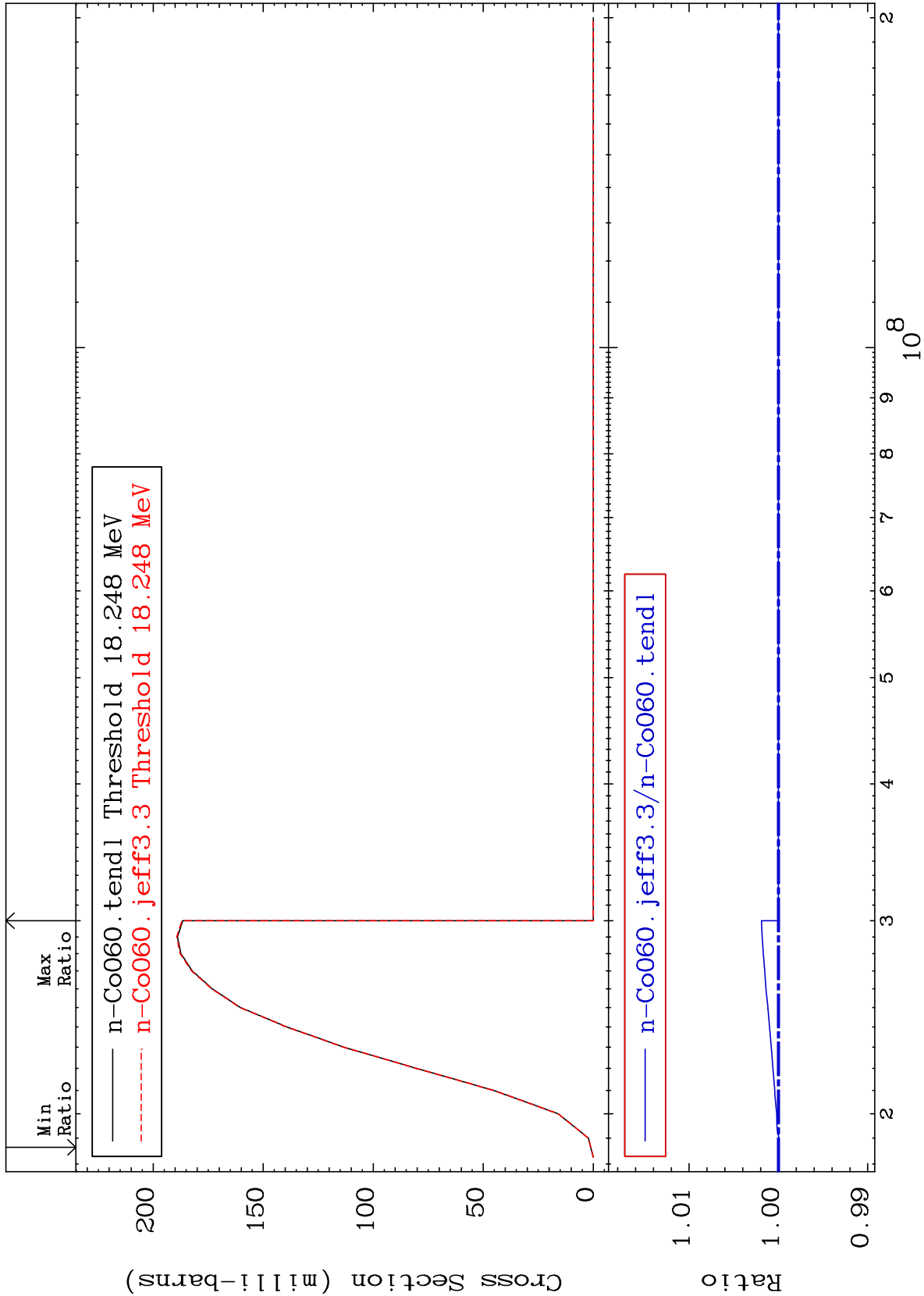
MAT 2728

(n,3n):27-Co-58g

27-Co-60

Radionuclide Production Cross Section

-0.005 To 0.190 %



67

Incident Energy (eV)

27-Co-60

MAT 2728

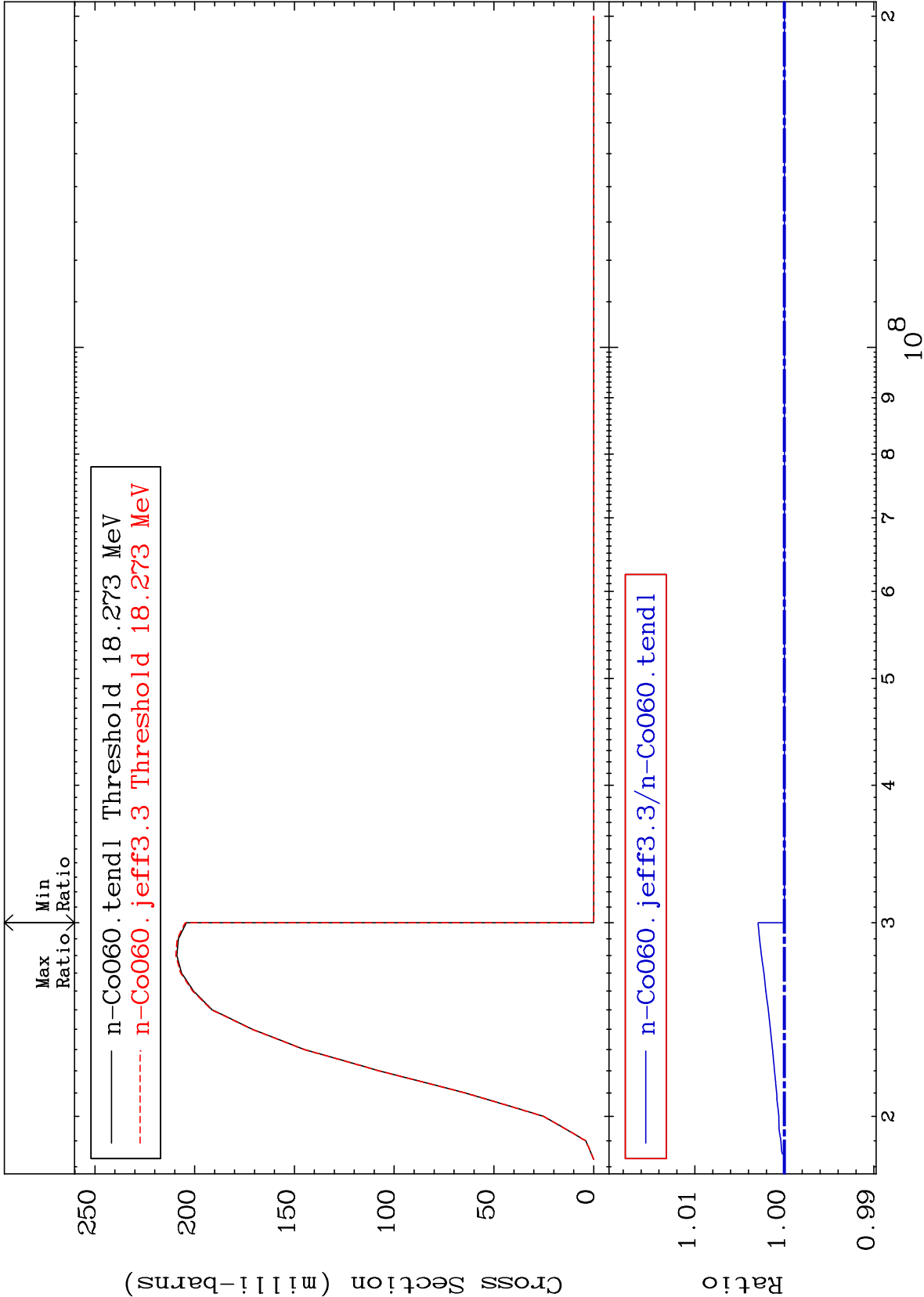
(n,3n):27-Co-58m1

27-Co-60

Radionuclide Production Cross Section

0.000

To 0.294 %



MAT 2728

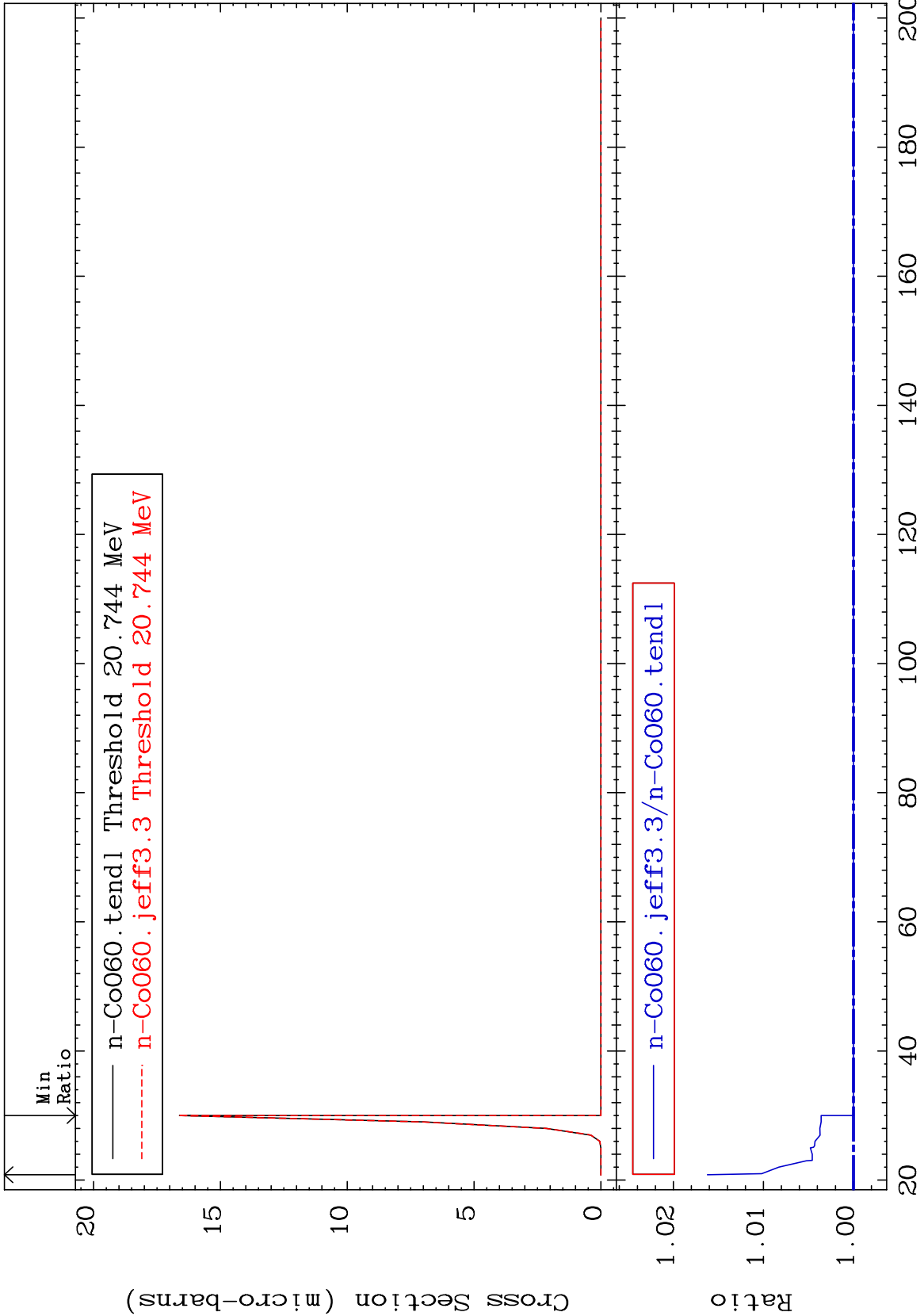
(n,2n) p:25-Mn-58g

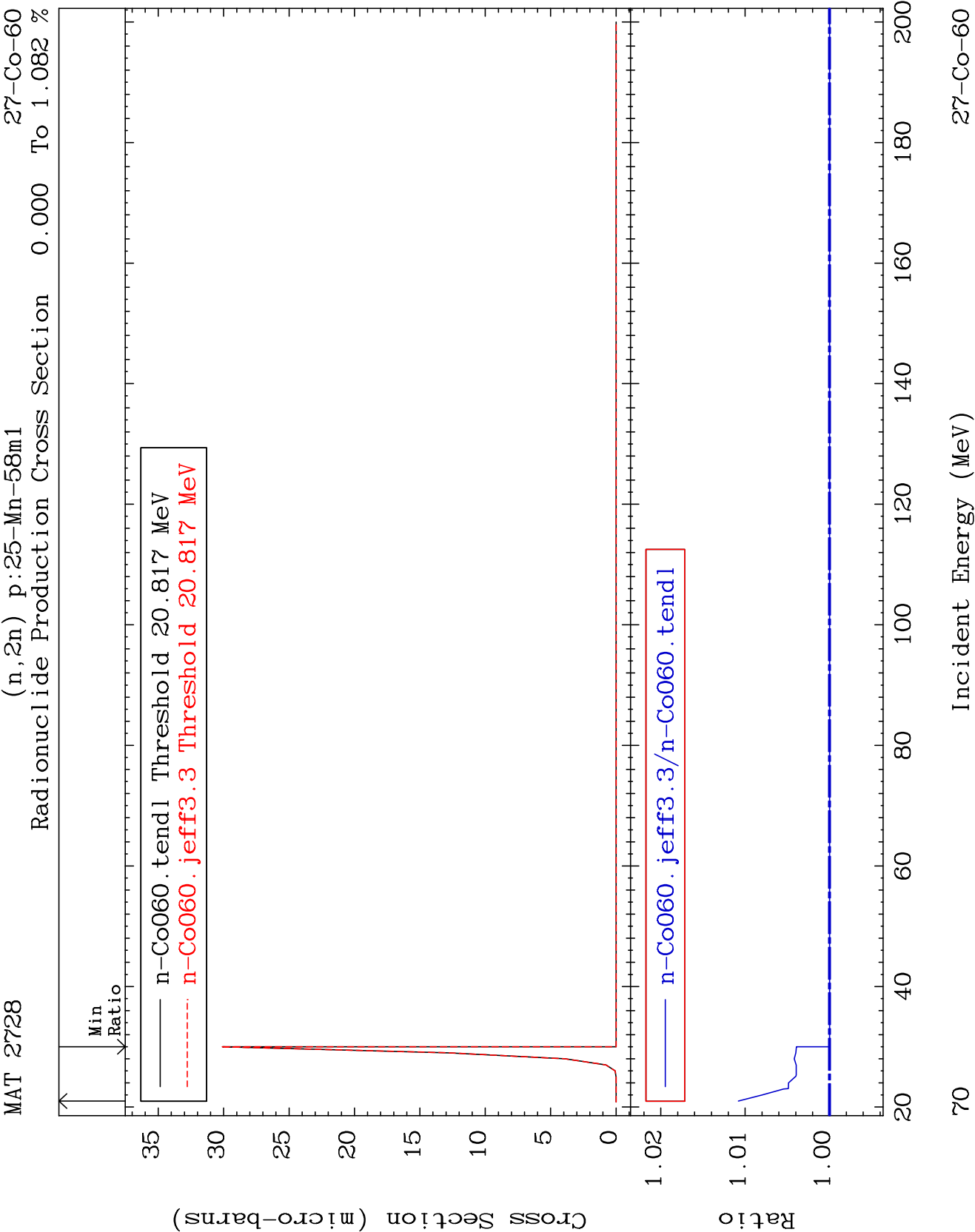
27-Co-60

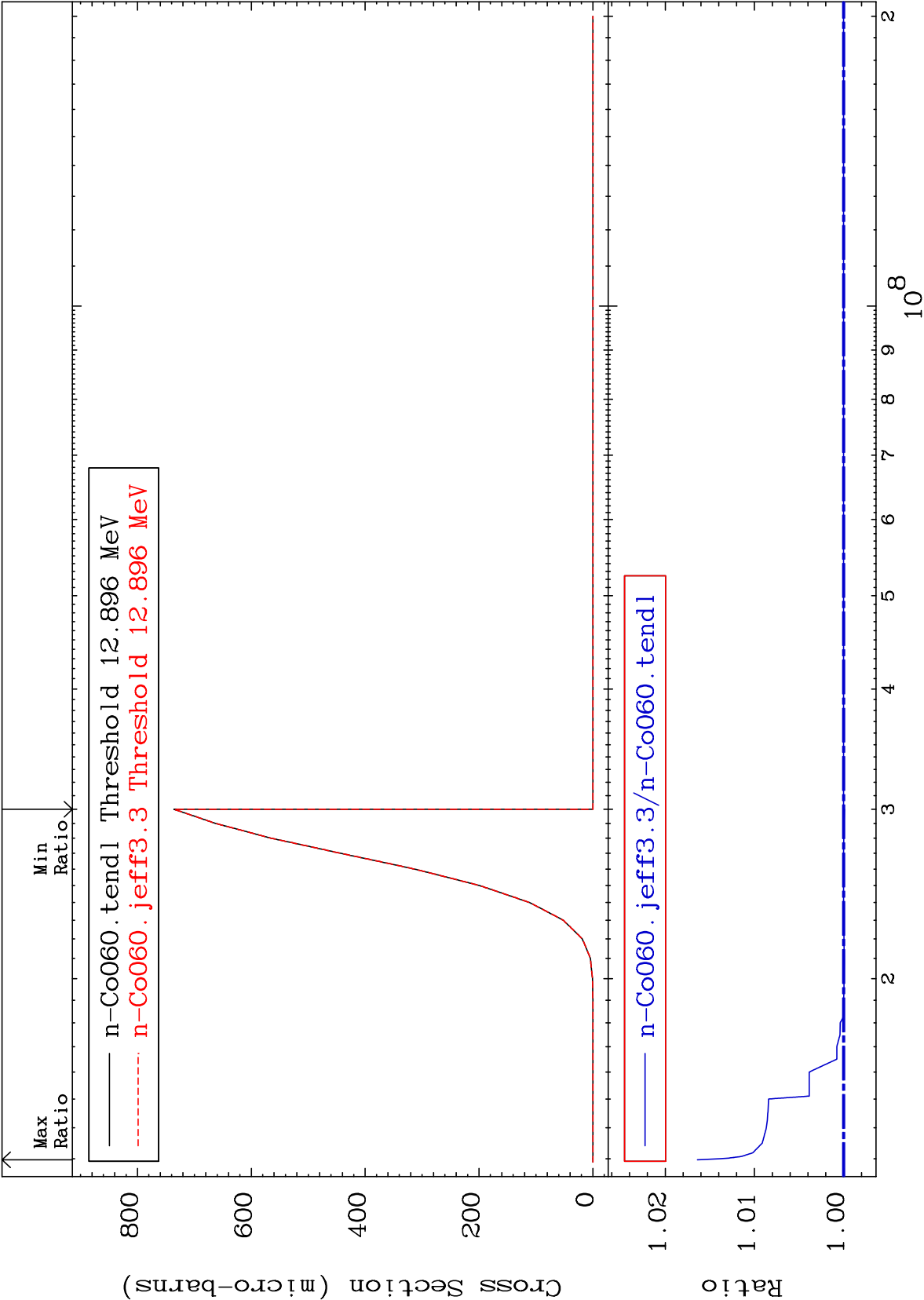
Radionuclide Production Cross Section

0.000

To 1.621 %



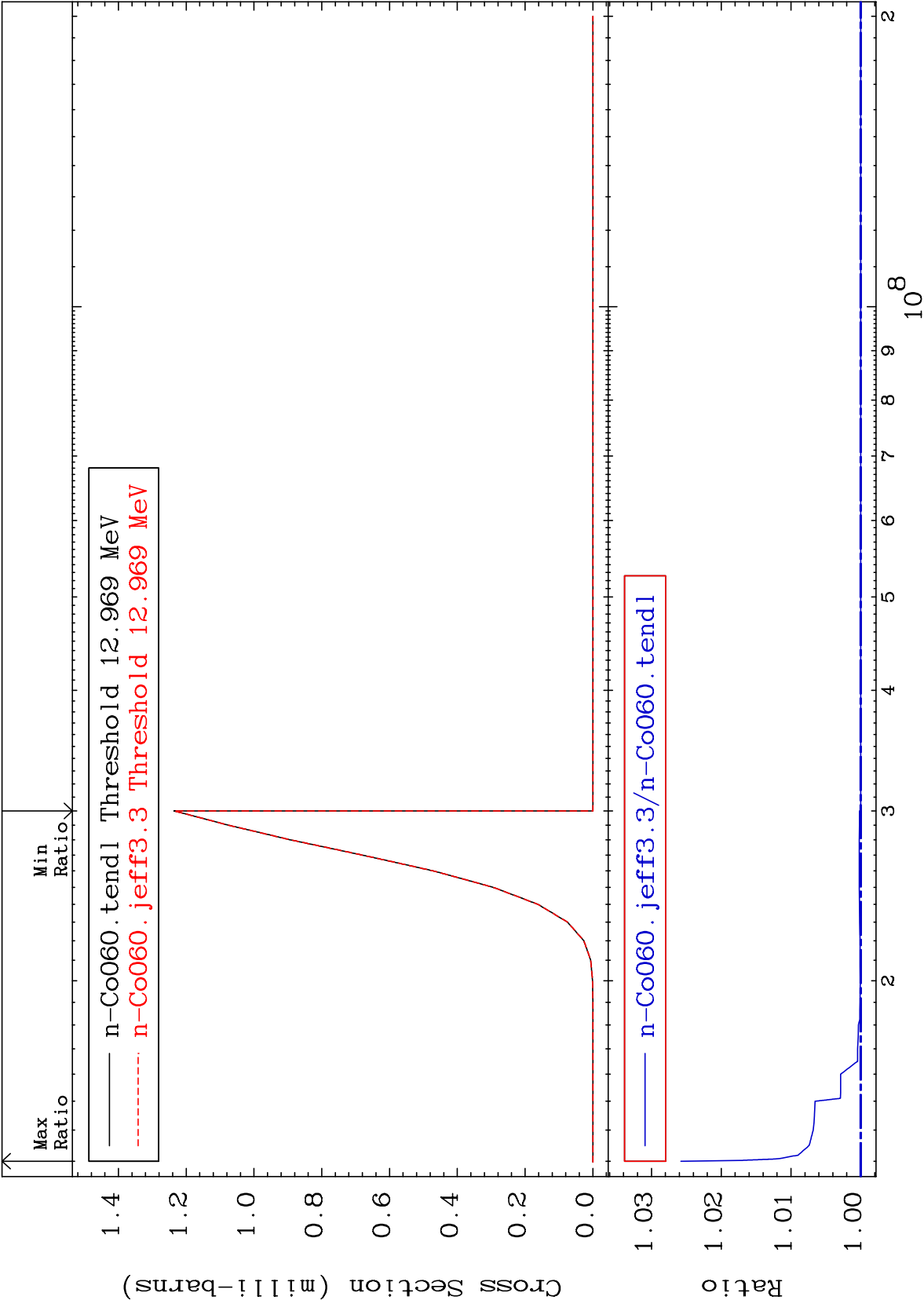


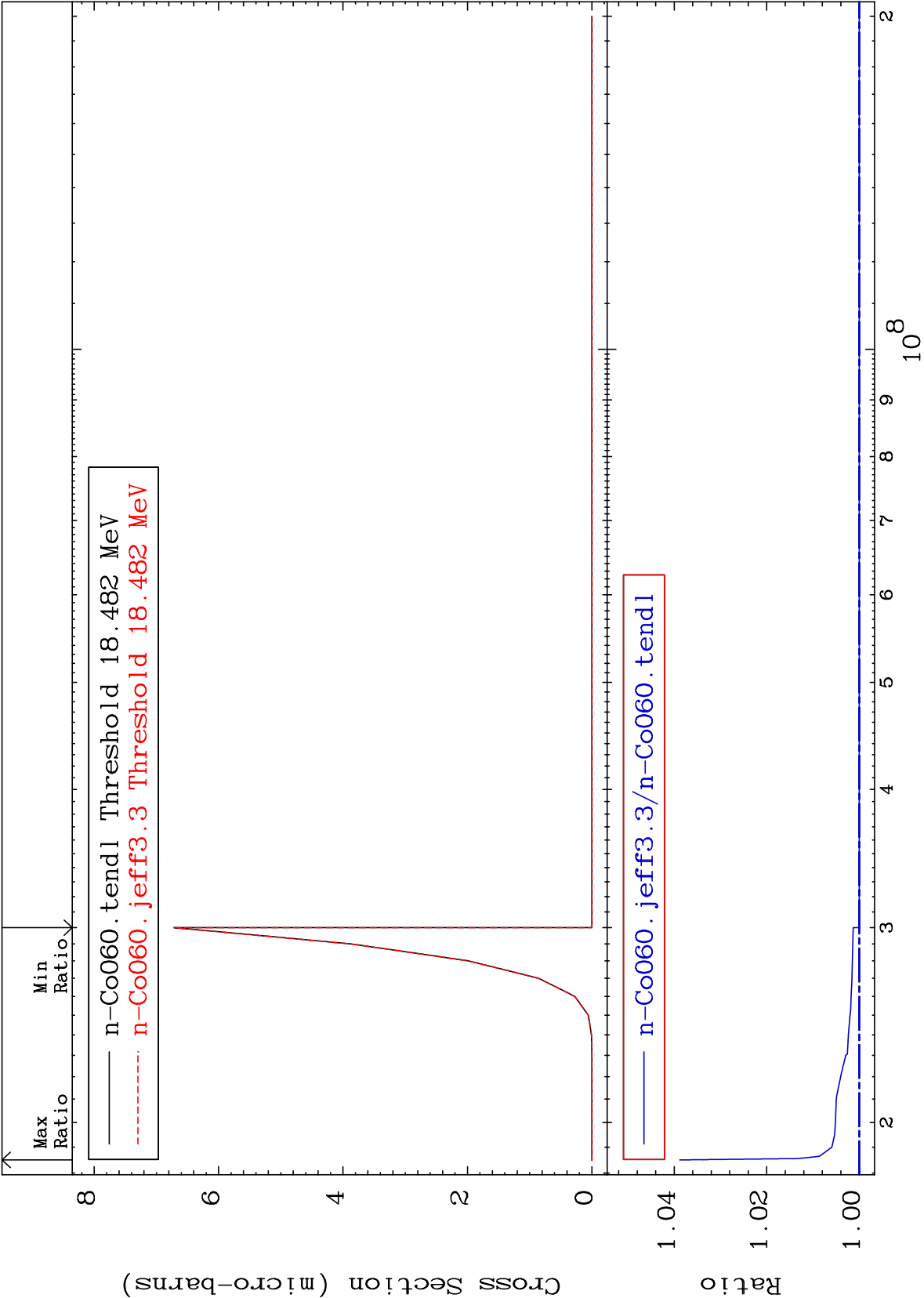


Radionuclide Production Cross Section

0.000

To 2.578 %





MAT 2728

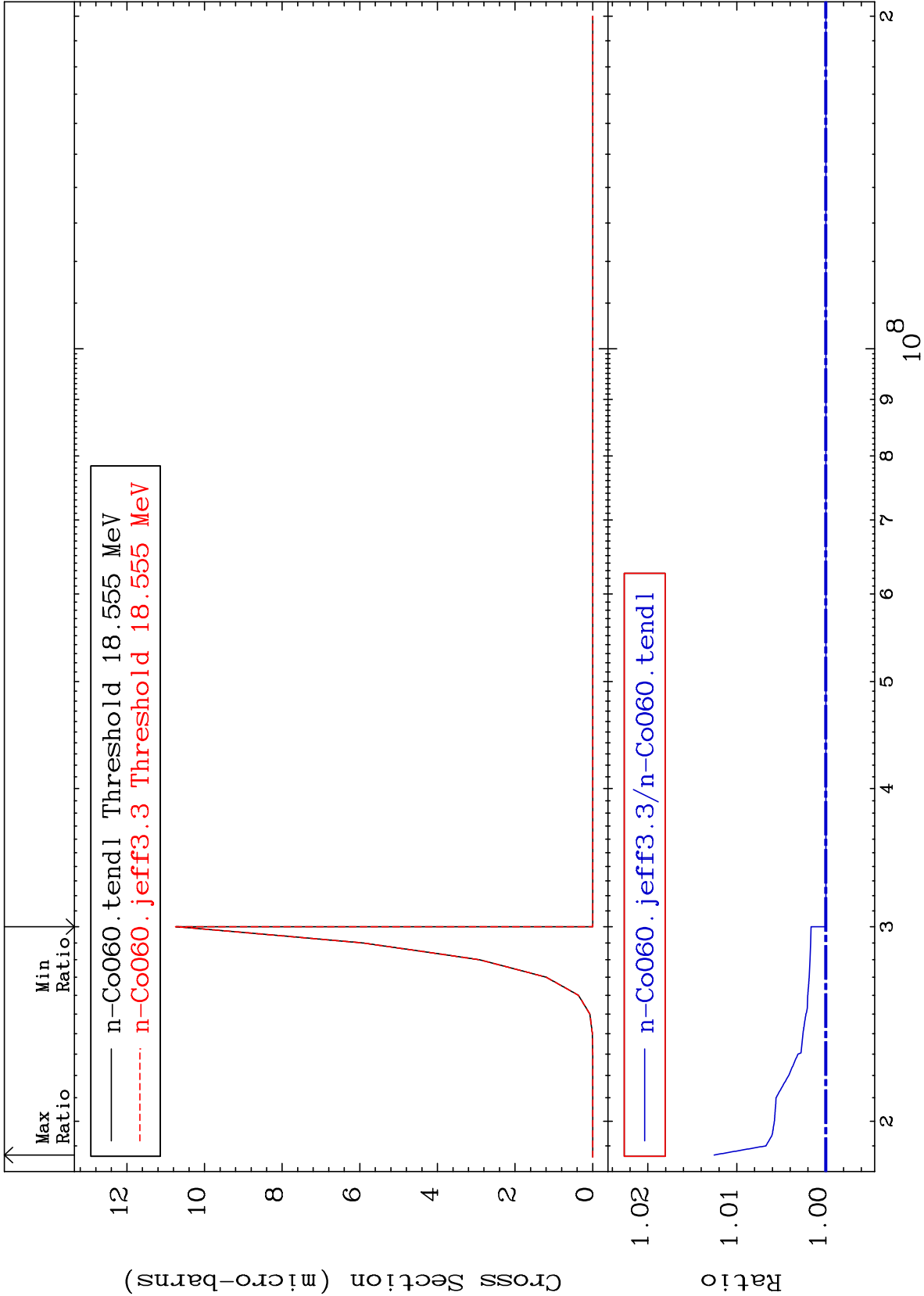
(n,p) d:25-Mn-58m1

27-Co-60

Radionuclide Production Cross Section

0.000

To 1.256 %



74

Incident Energy (eV)

27-Co-60