

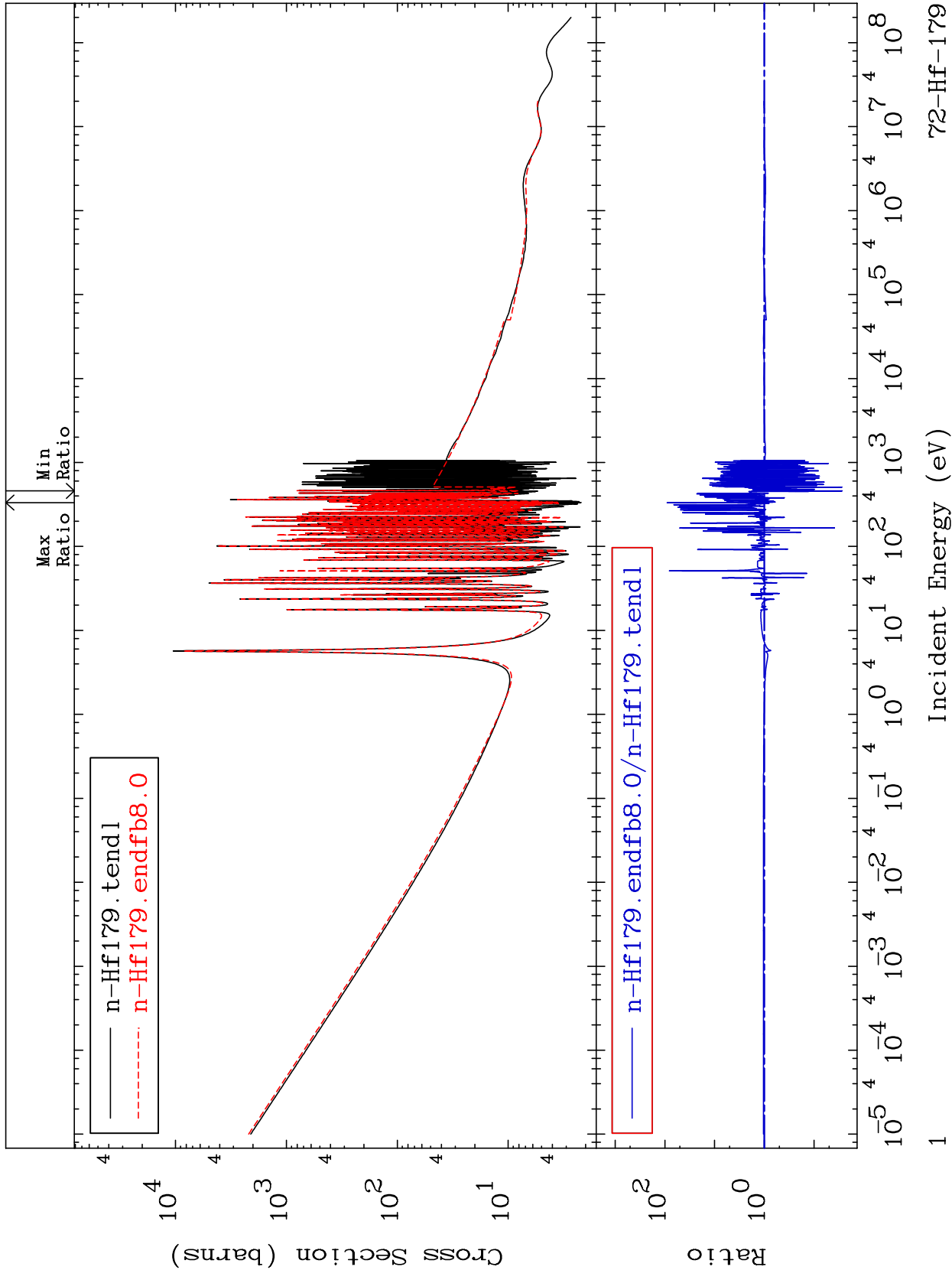
MAT 7240

Total

Cross Section

⁷²Hf-¹⁷⁹

-97.28 To 8946. %



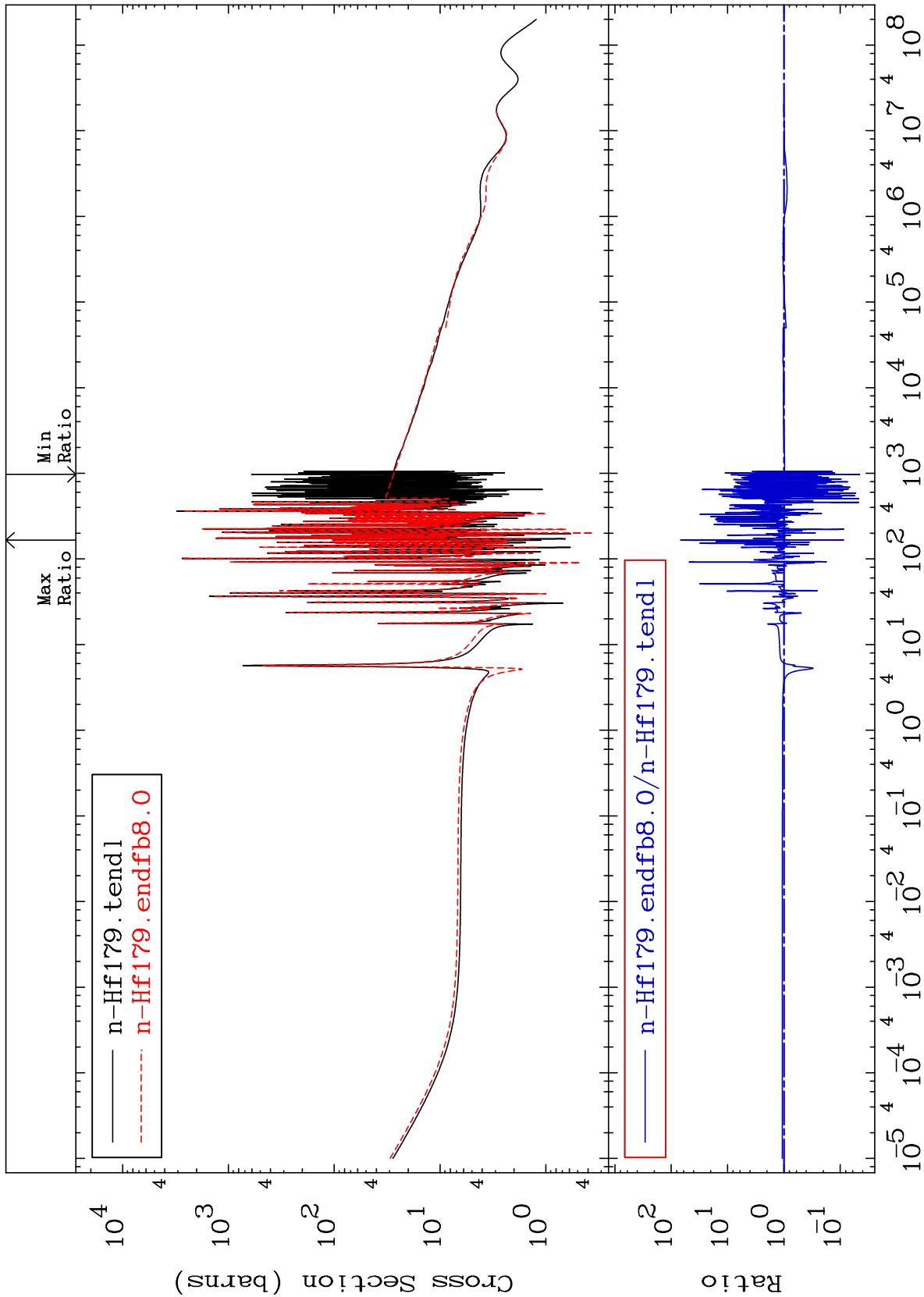
MAT 7240

Elastic

Cross Section

⁷²Hf-¹⁷⁹

-95.46 To 6670. %



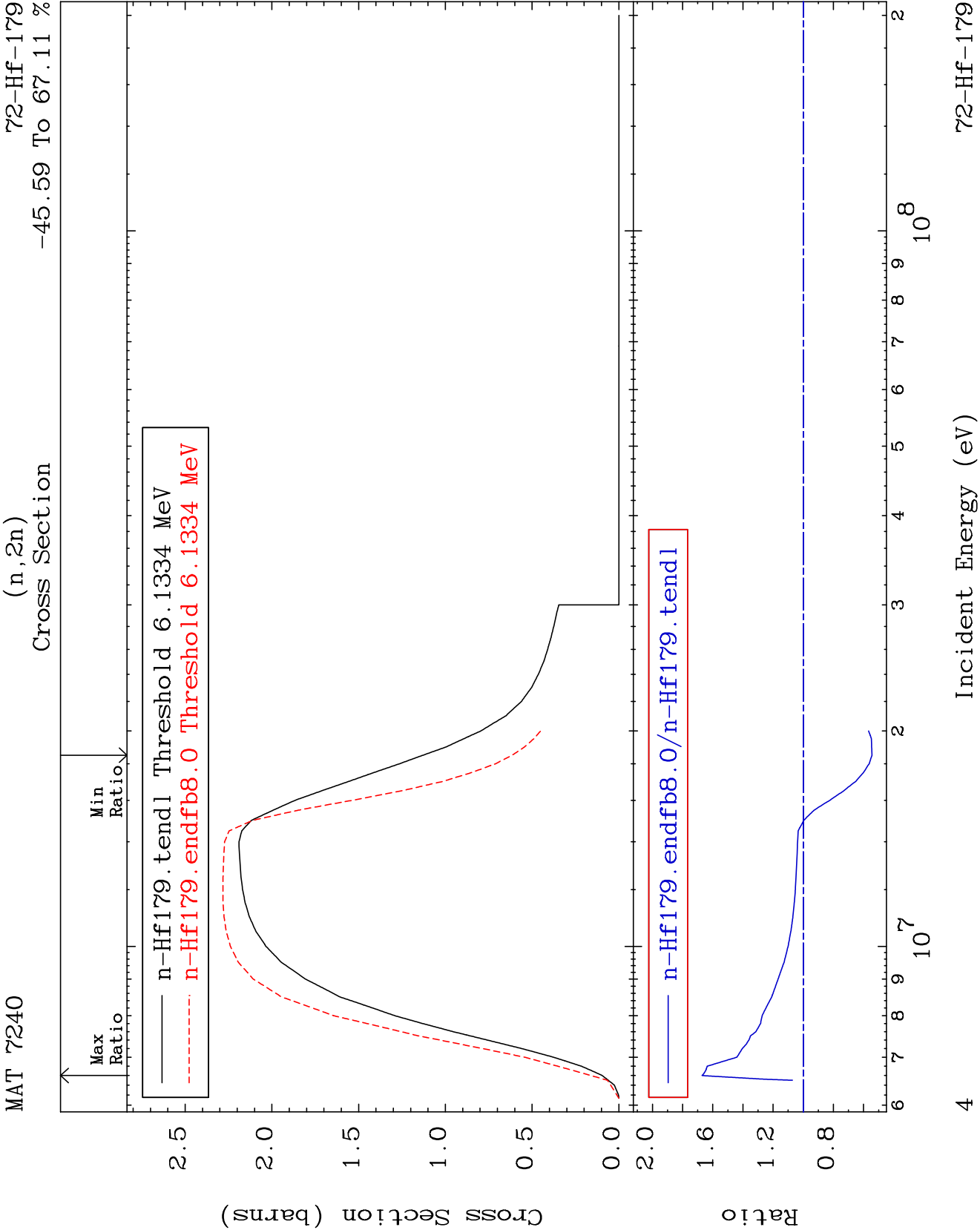
2

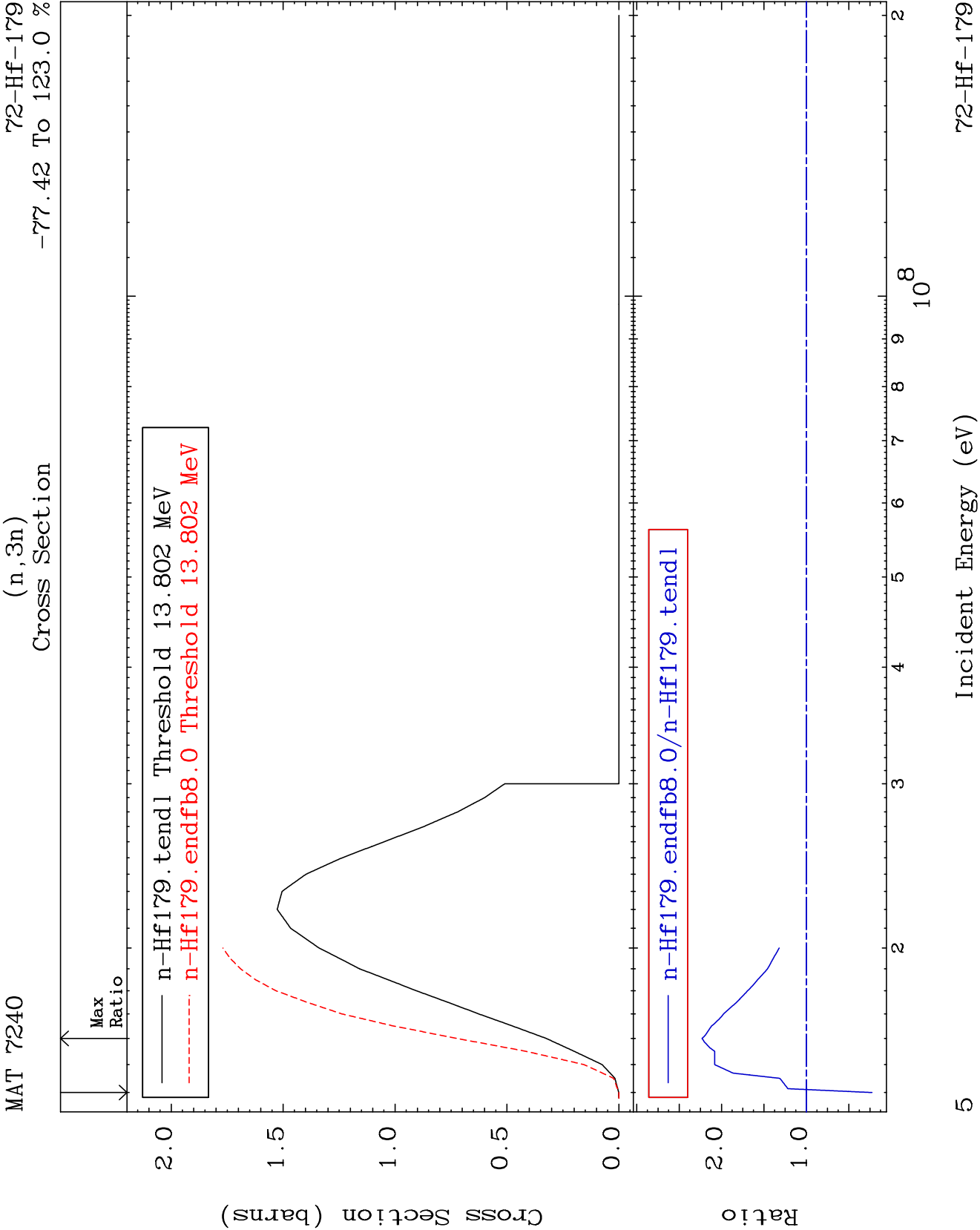
Incident Energy (eV)

⁷²Hf-¹⁷⁹

72-Hf-179
-28.89 To 74.34 %



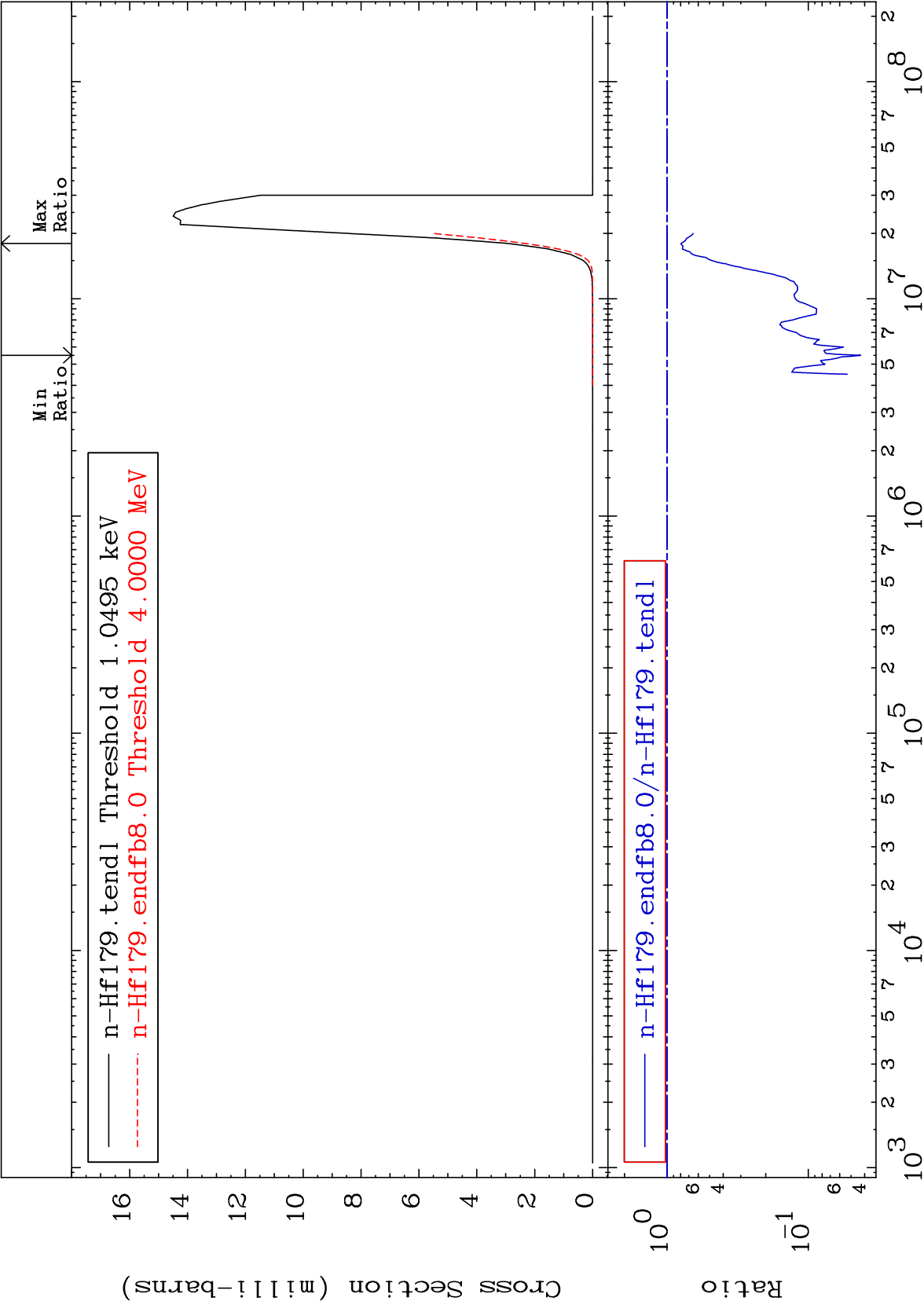




MAT 7240

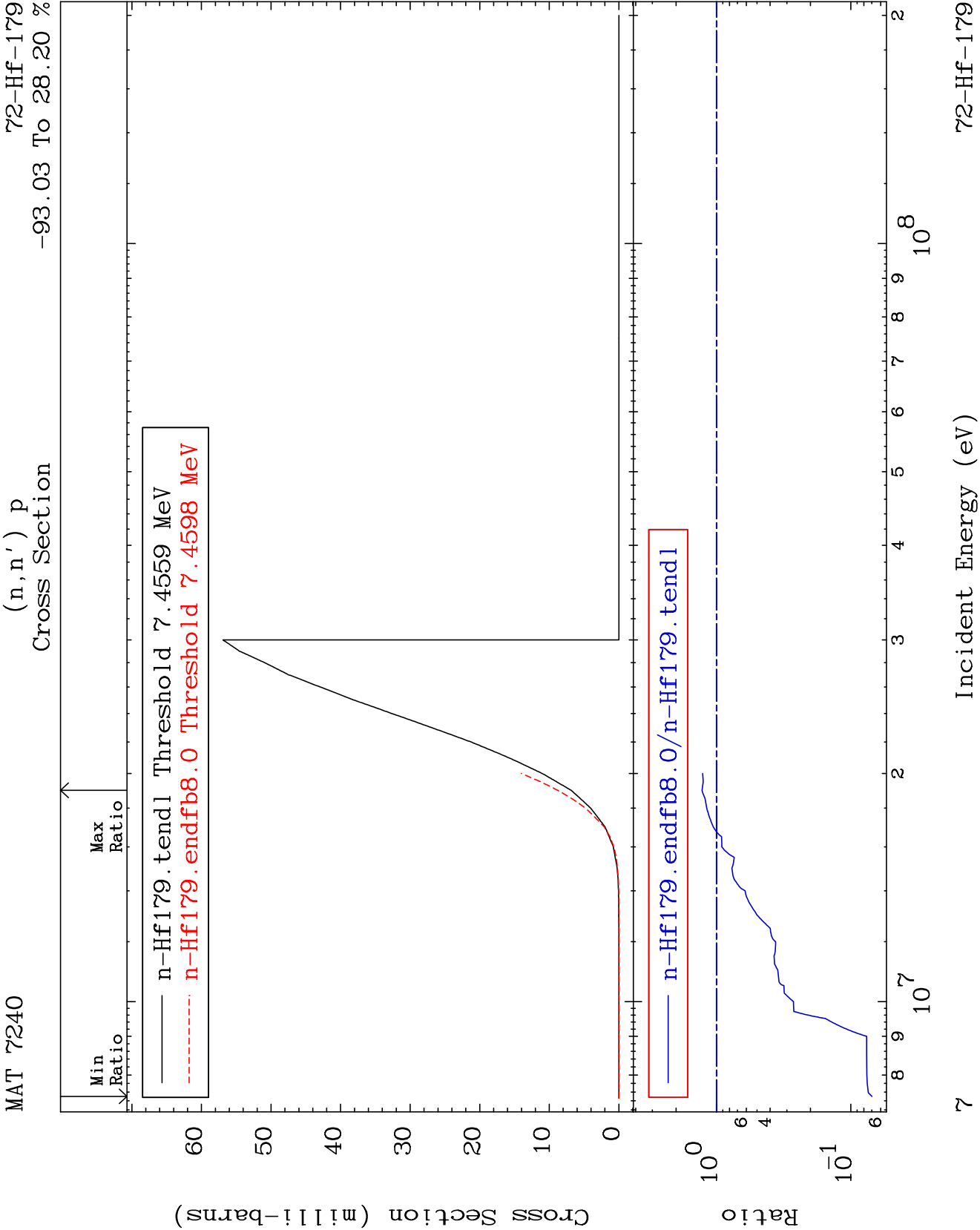
$(n, n') \alpha$
Cross Section

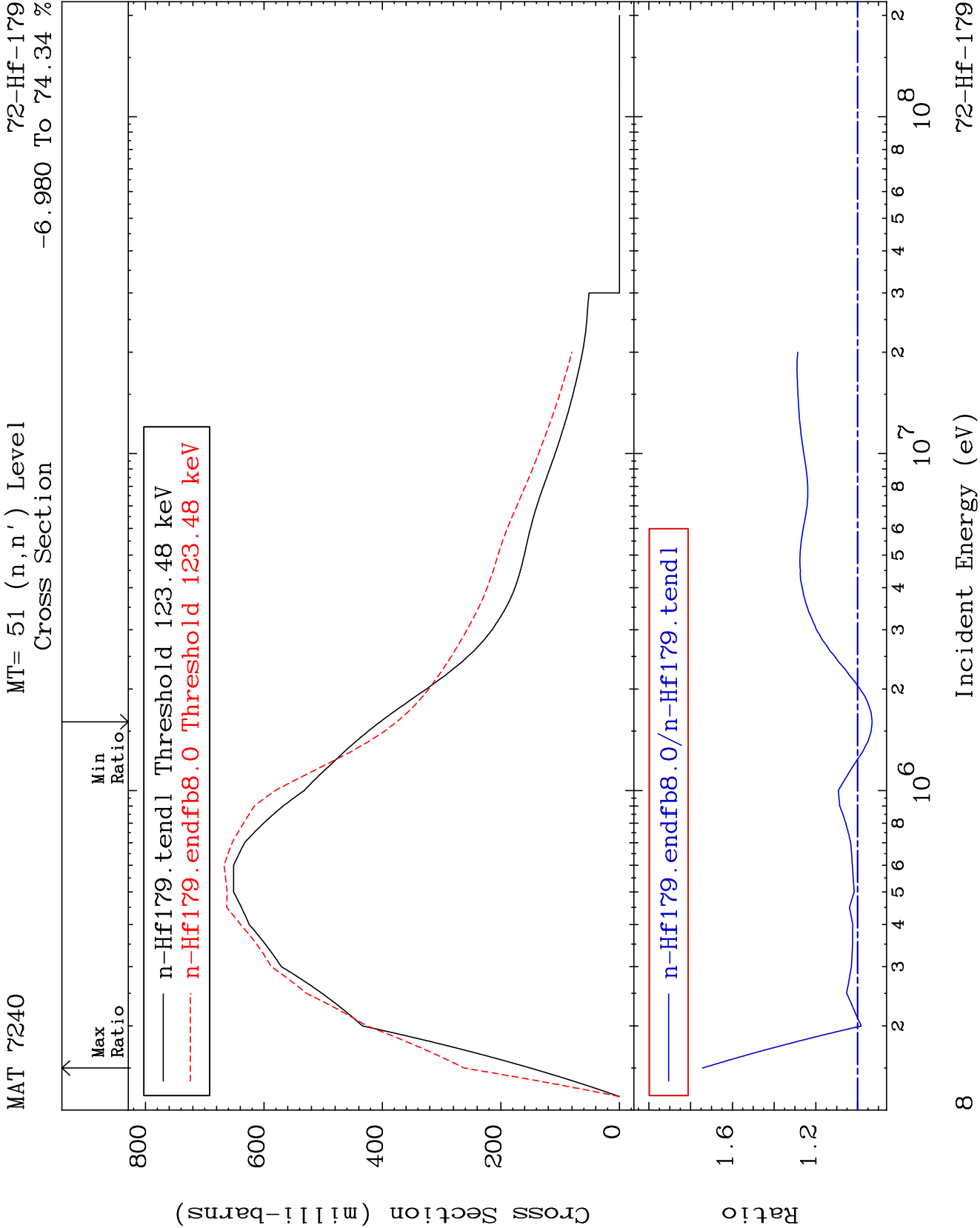
$^{72}\text{Hf}-^{179}$
-95.73 To -20.05%

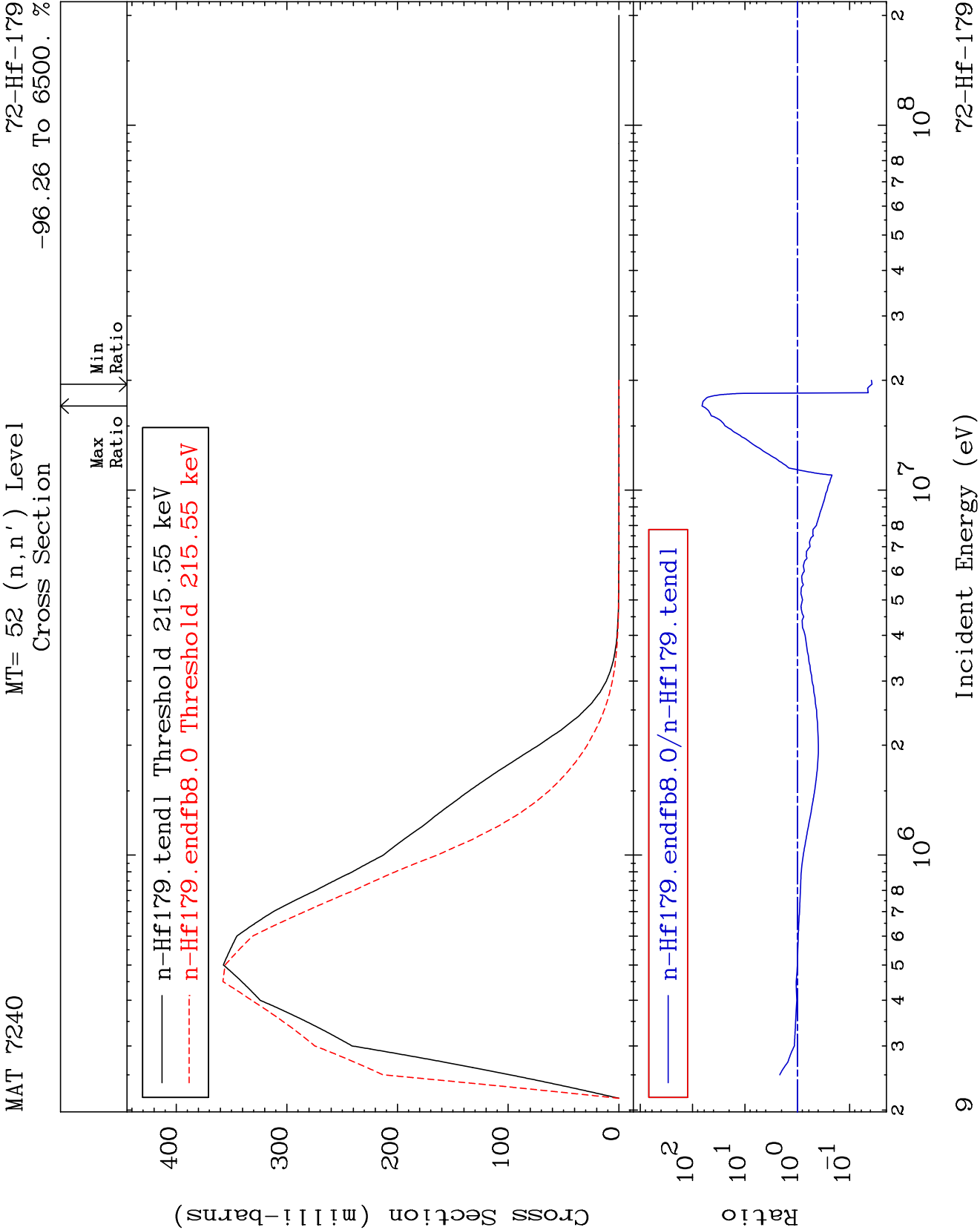


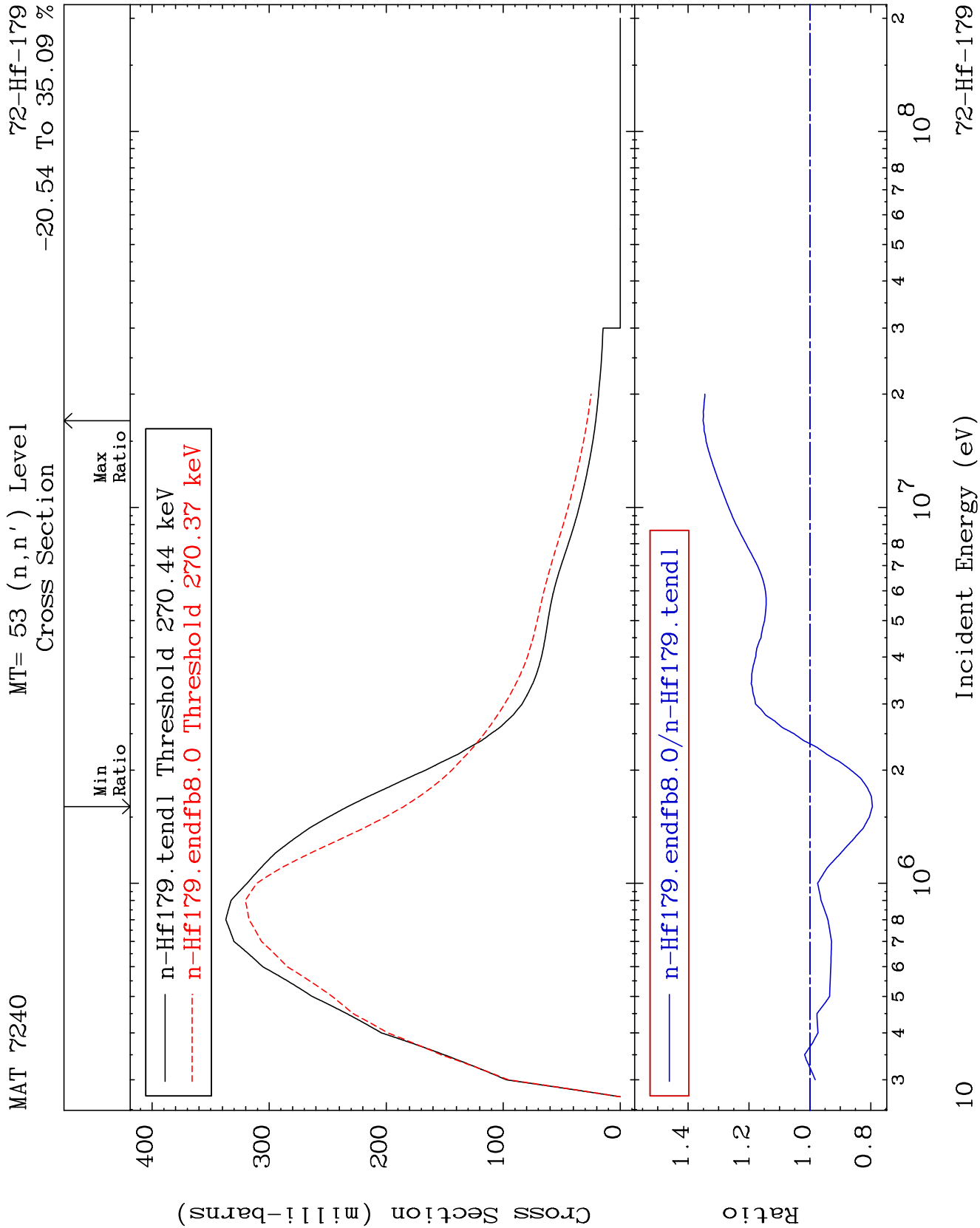
Incident Energy (eV)

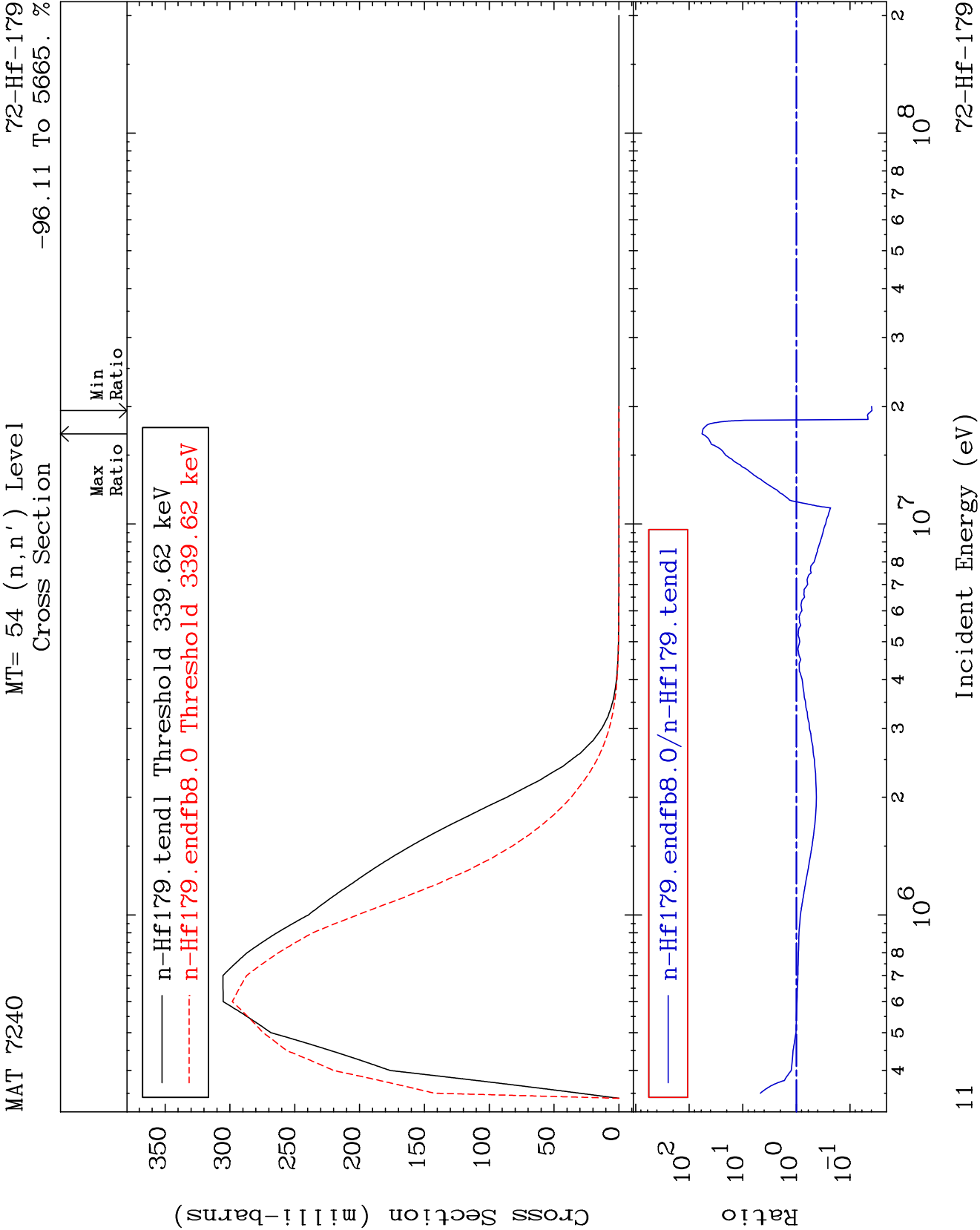
$^{72}\text{Hf}-^{179}$











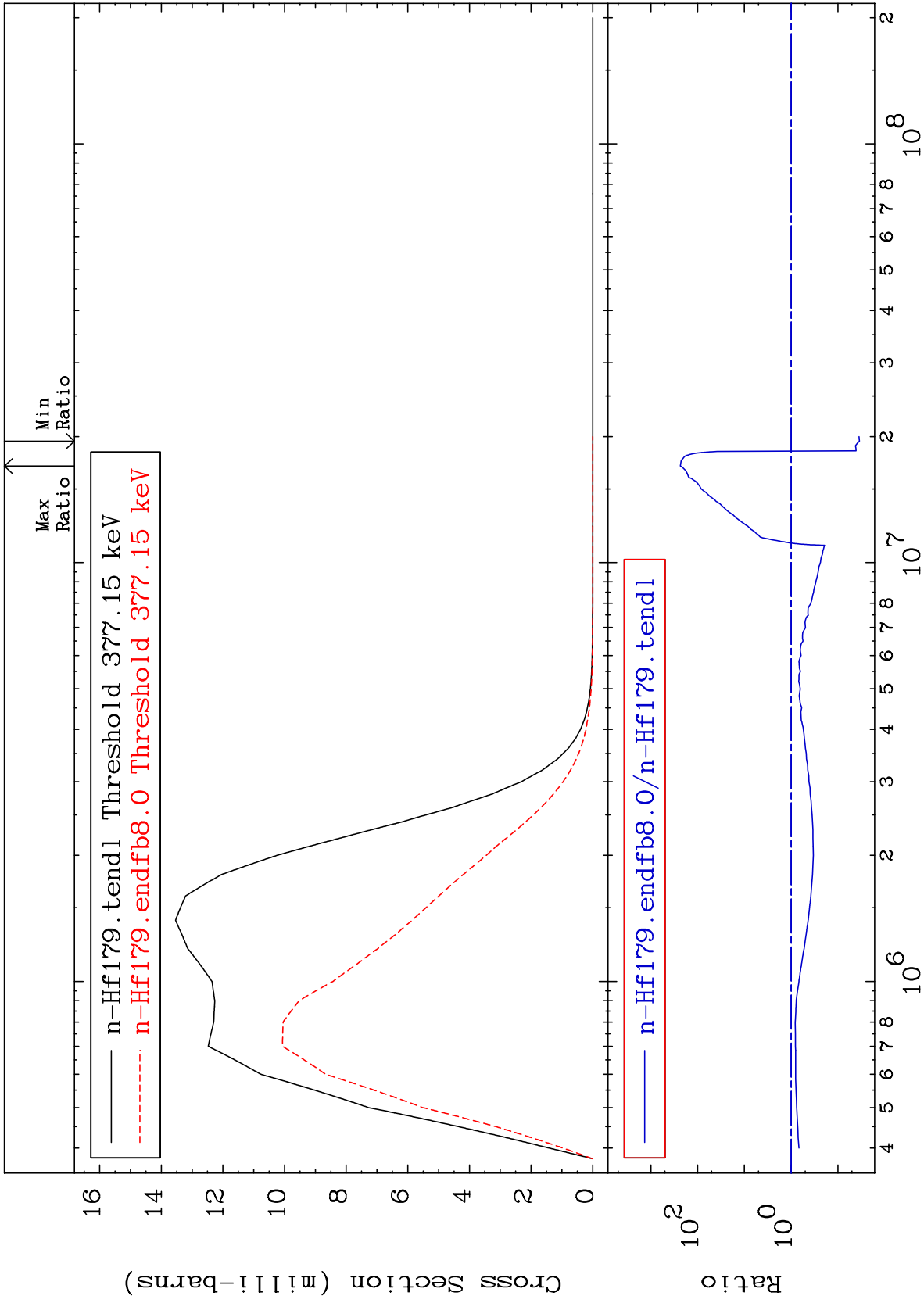
MAT 7240

MT= 55 (n,n') Level

⁷²Hf-179

-96.53 To 9999. %

Cross Section



12

Incident Energy (eV)

⁷²Hf-179

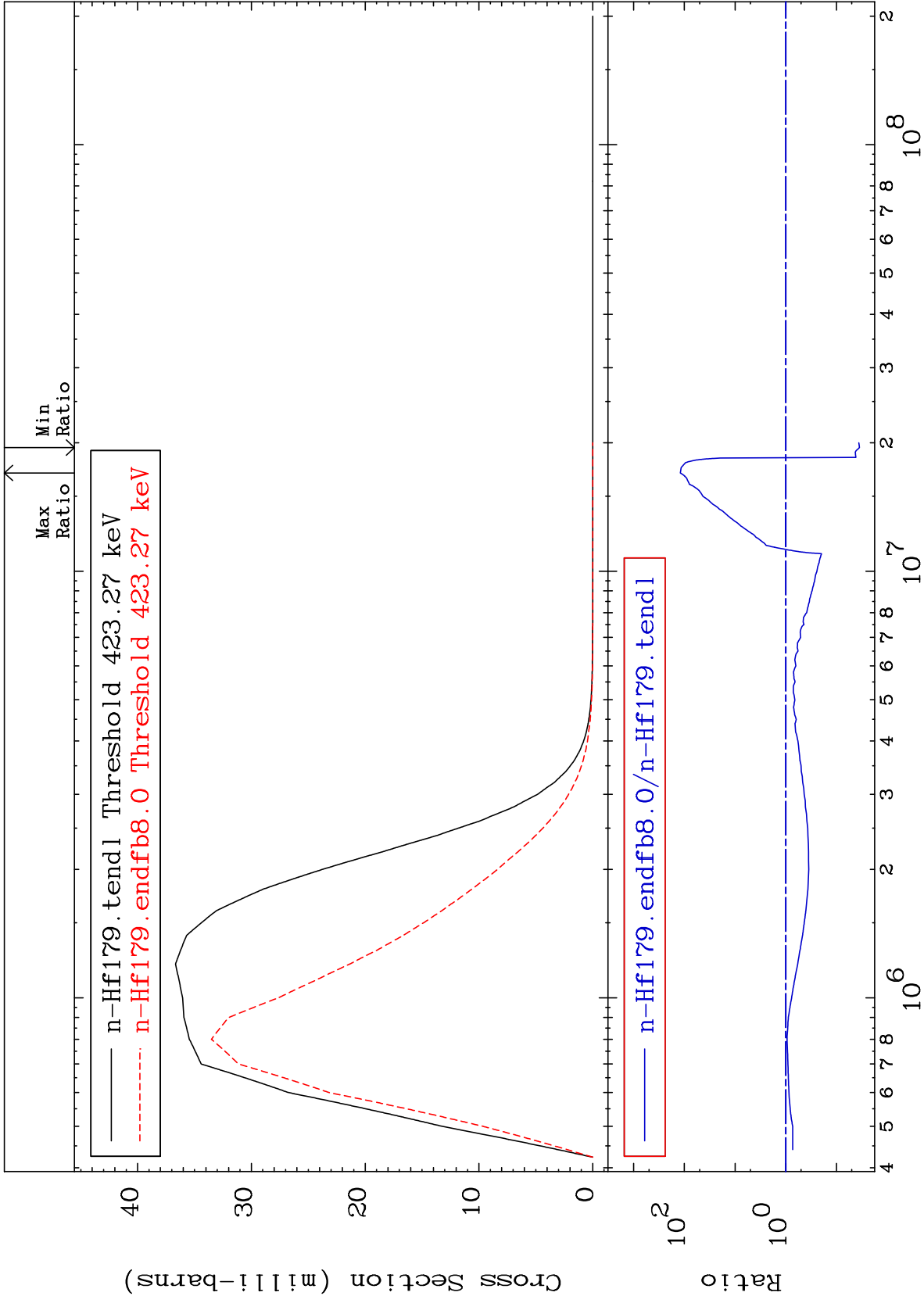
MAT 7240

MT= 56 (n,n') Level

⁷²Hf-179

-96.48 To 9999. %

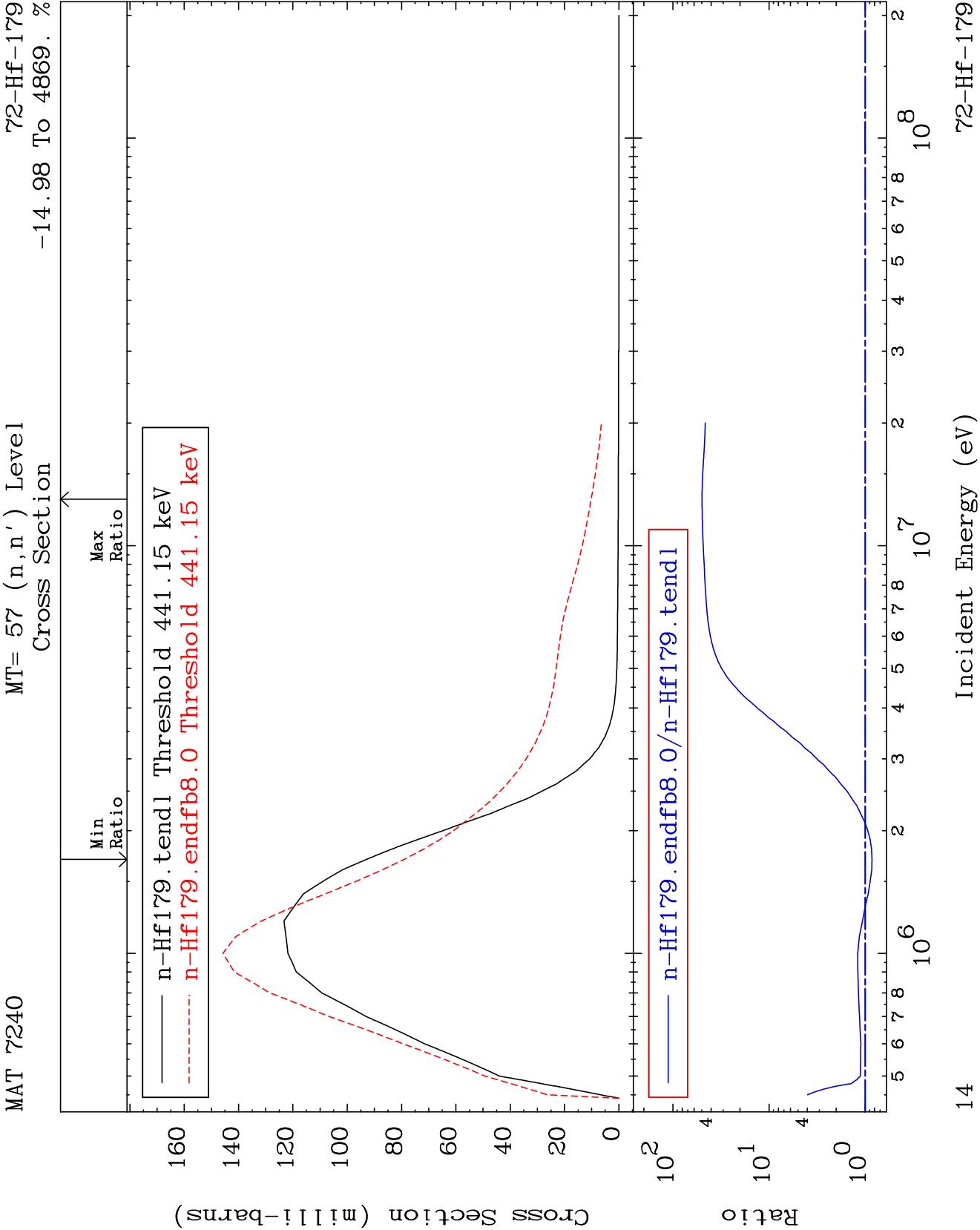
Cross Section

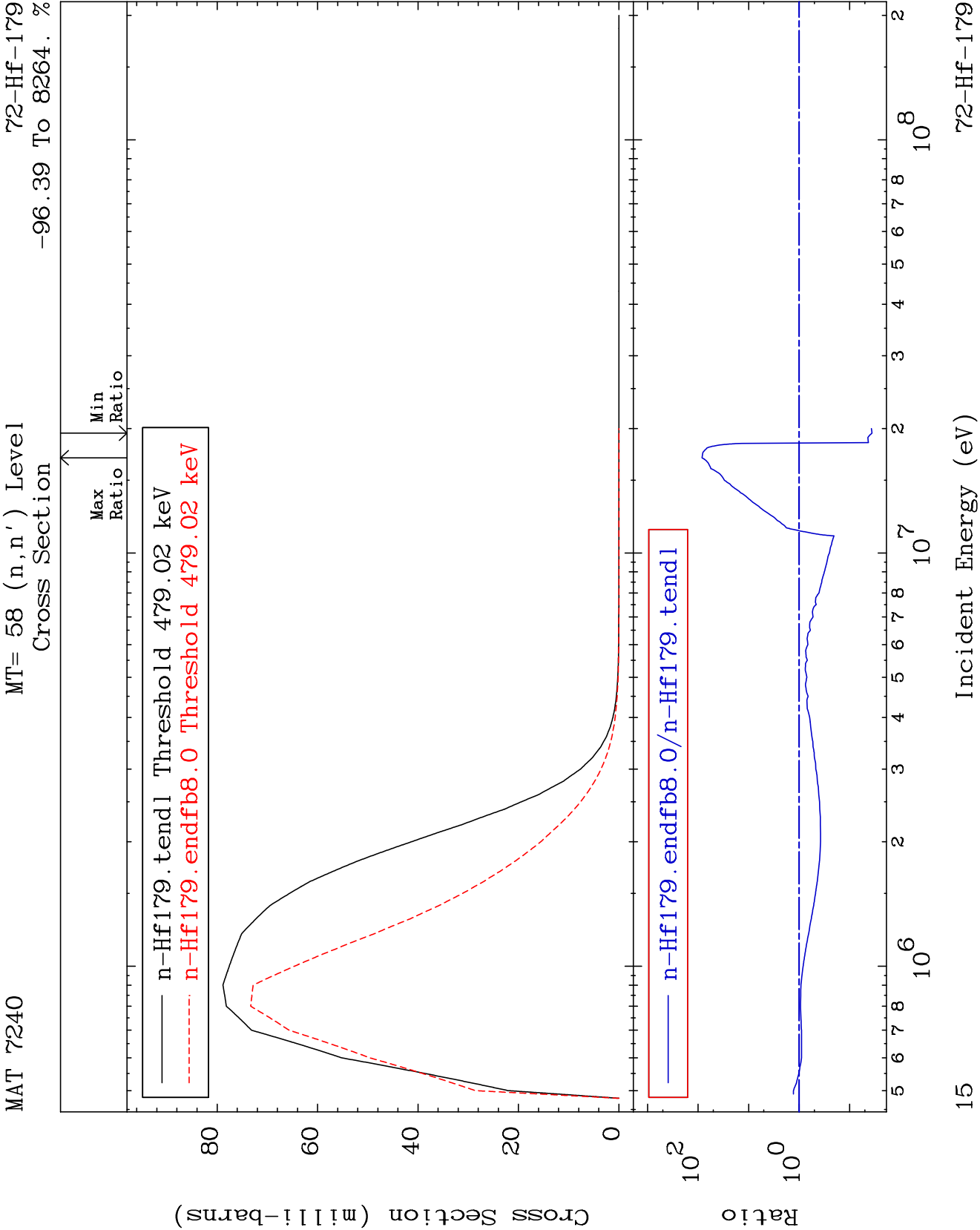


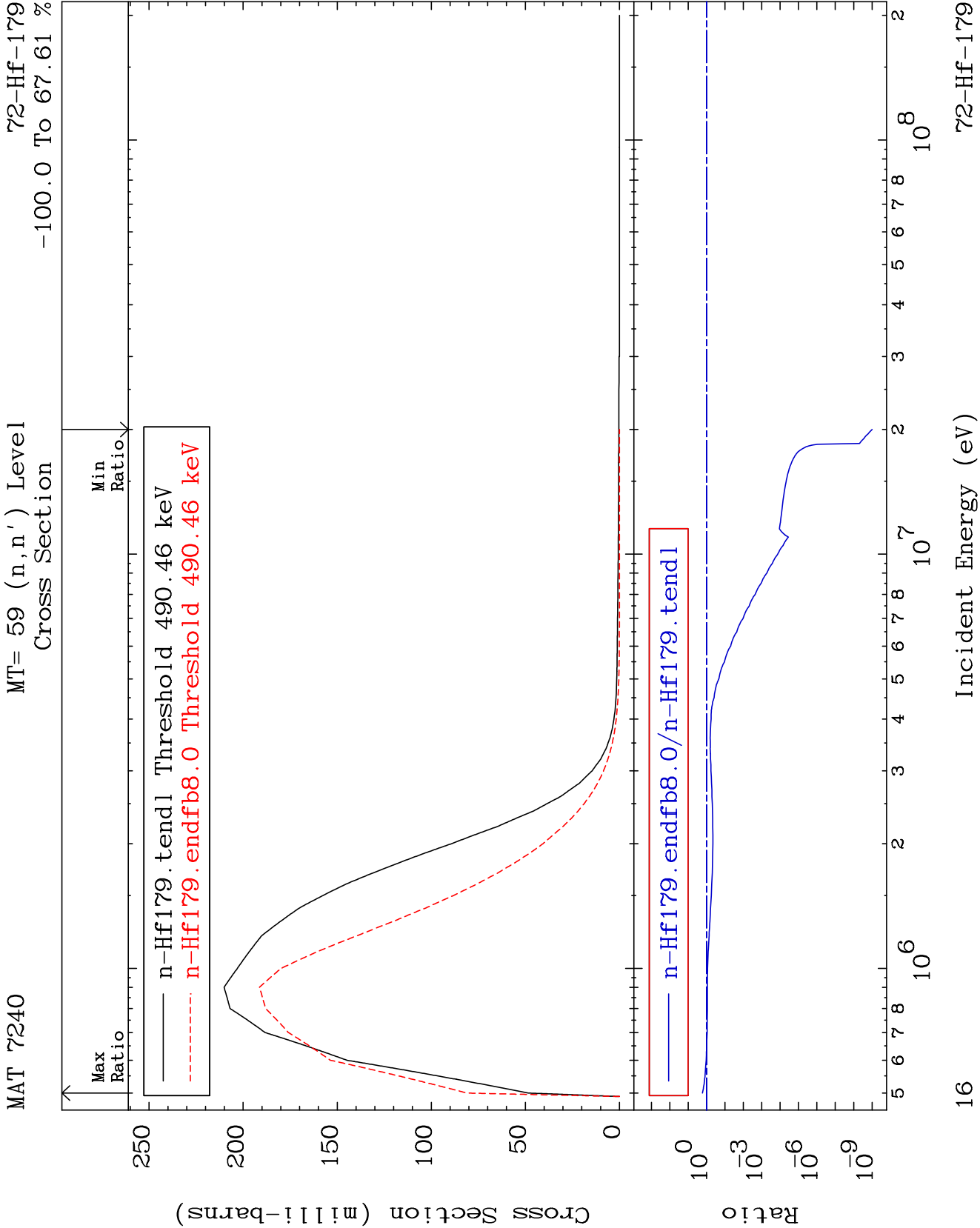
13

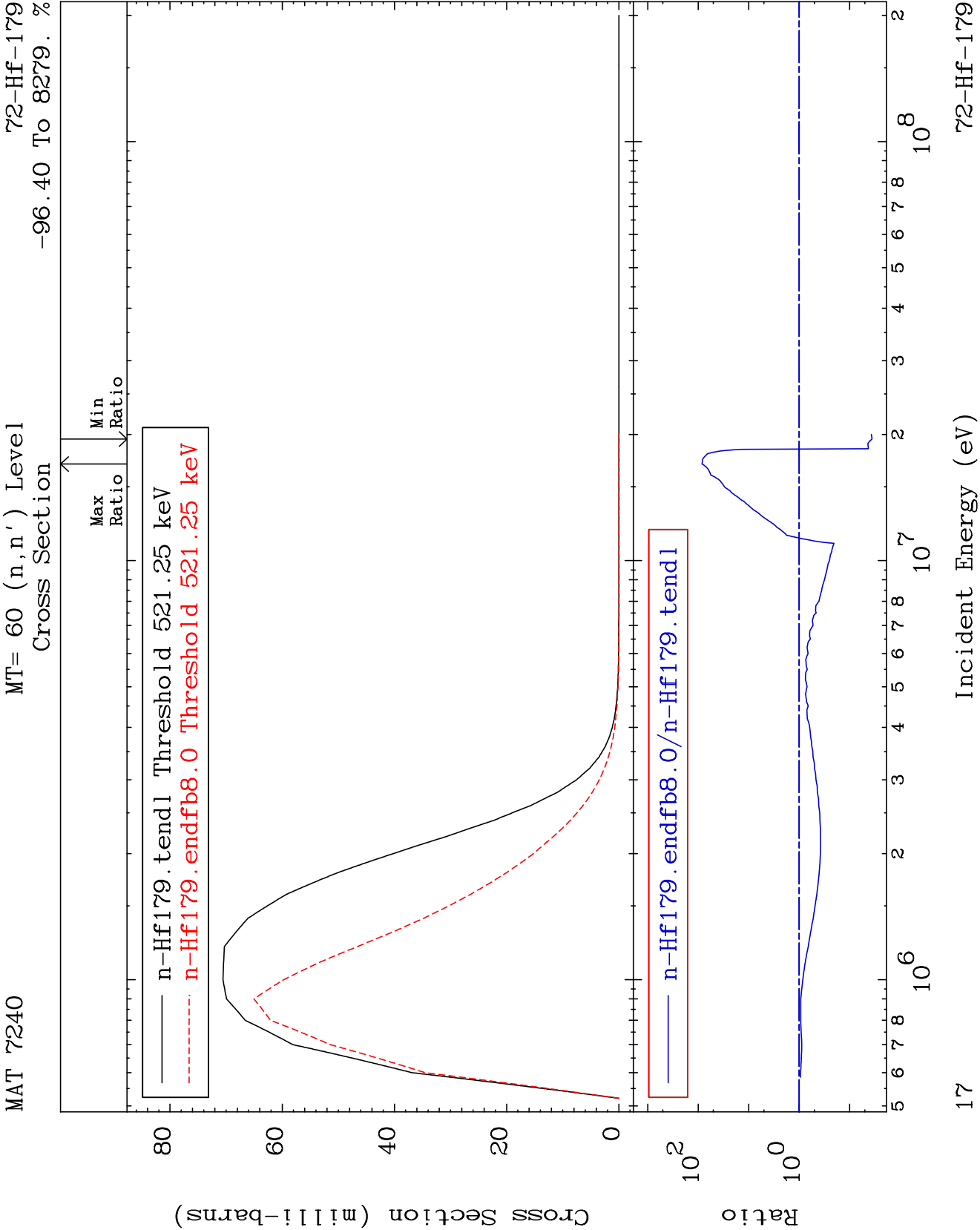
Incident Energy (eV)

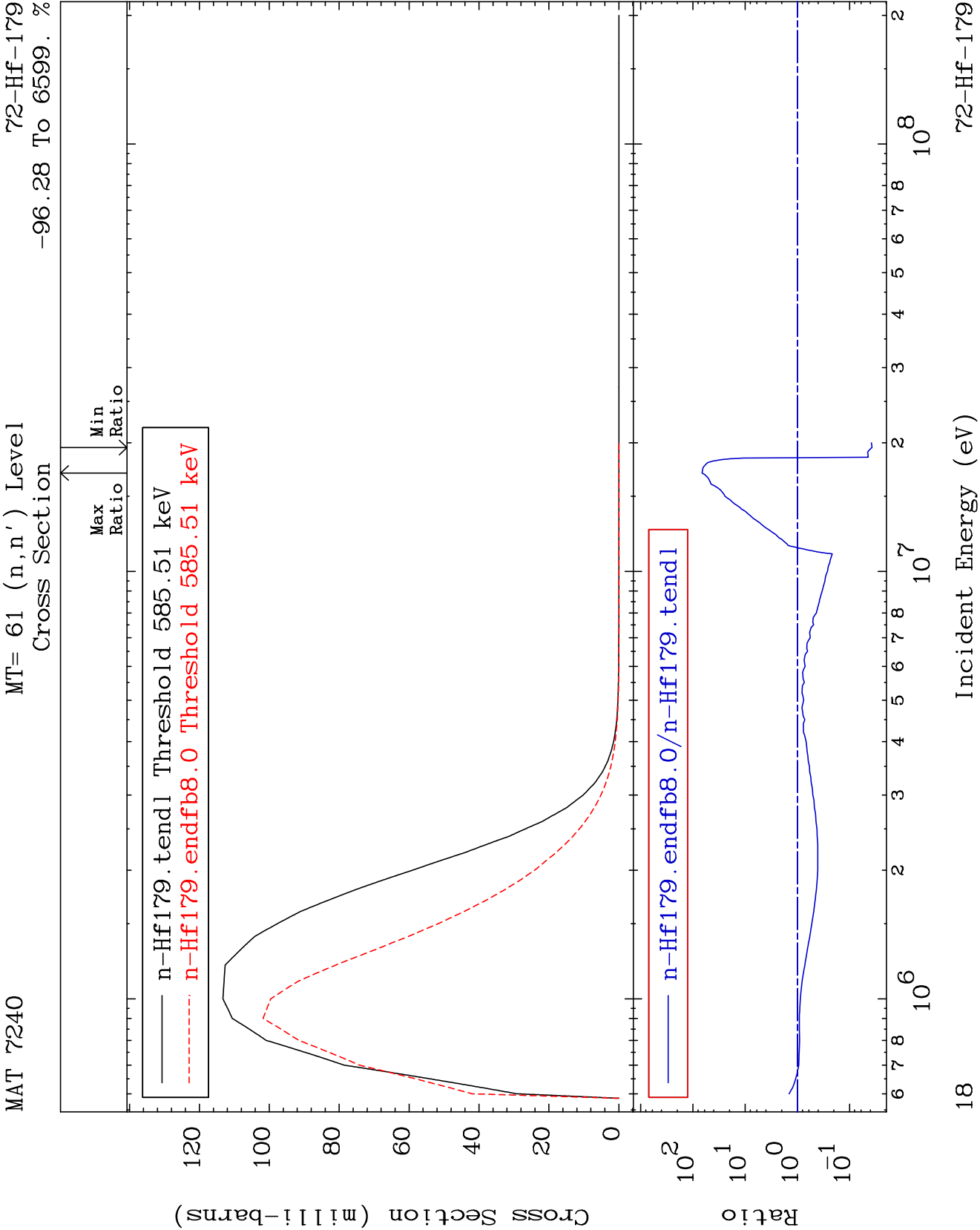
⁷²Hf-179

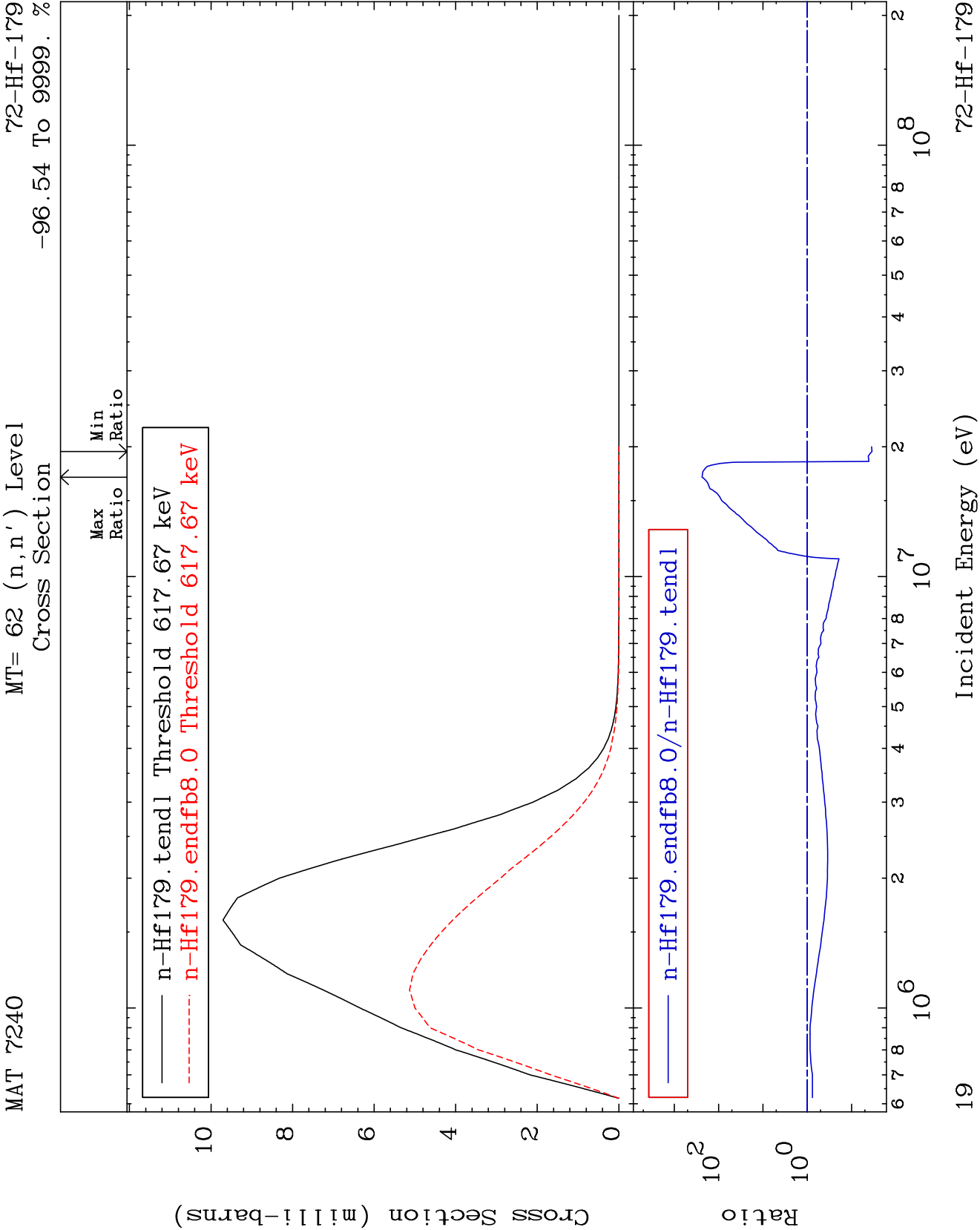


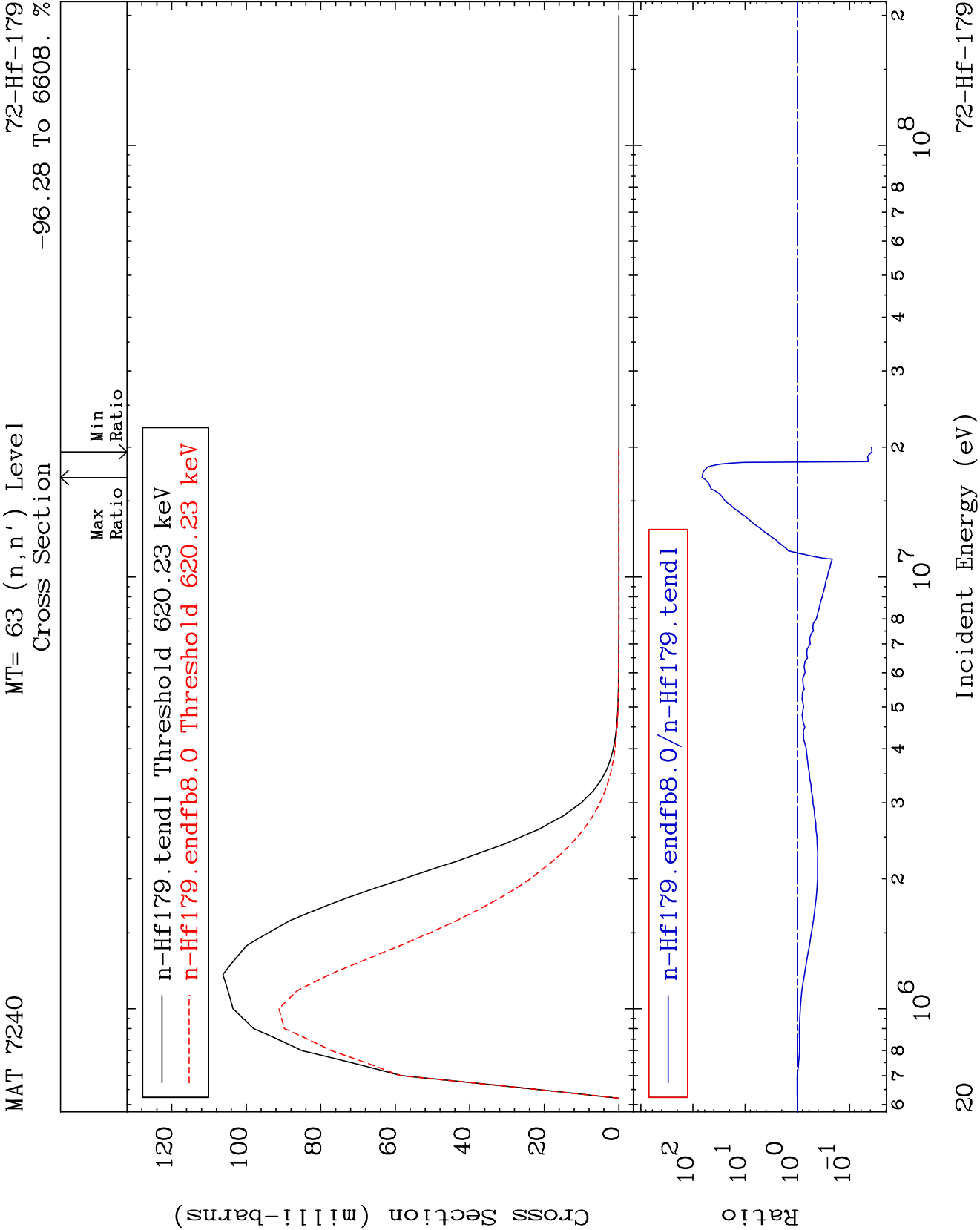


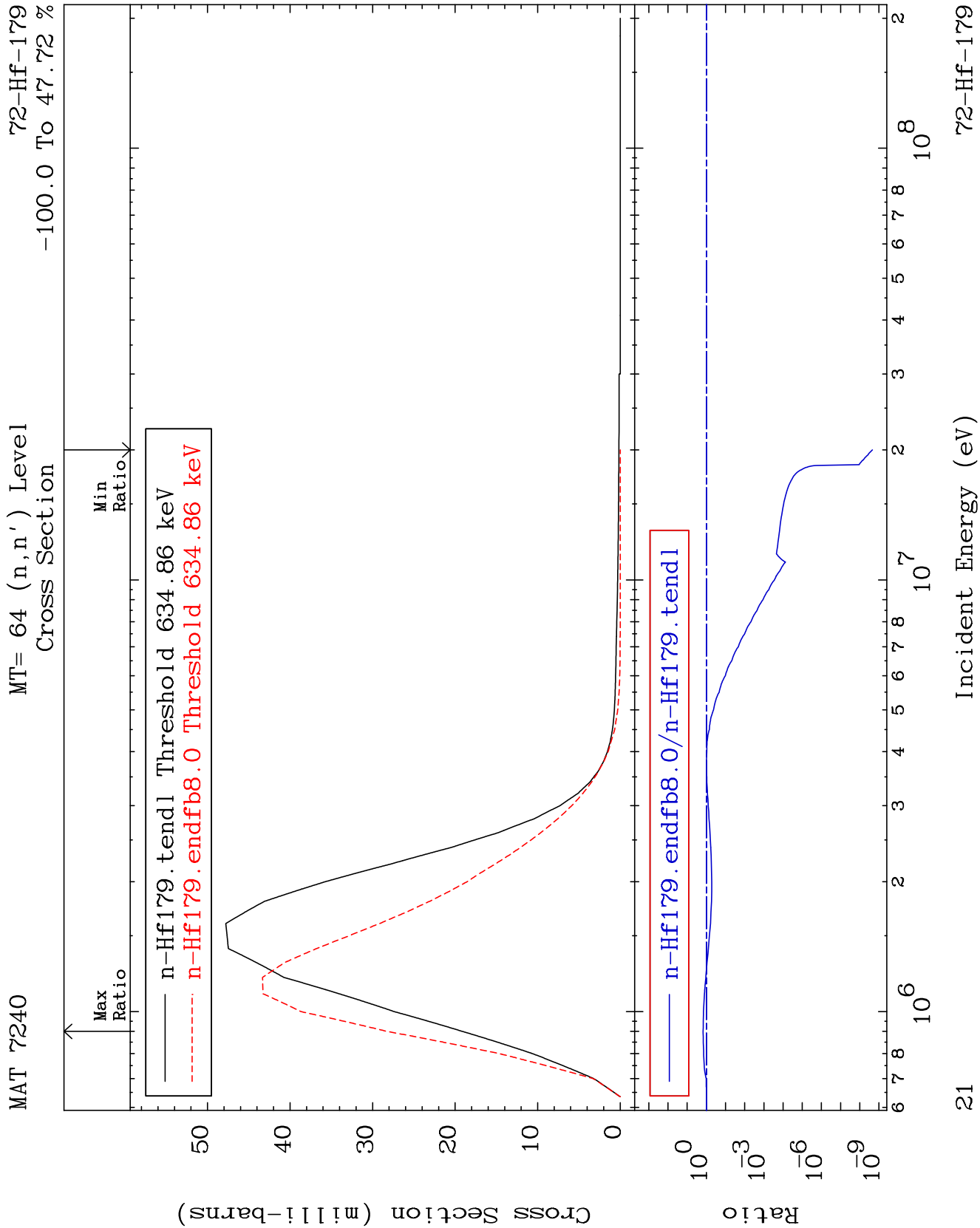


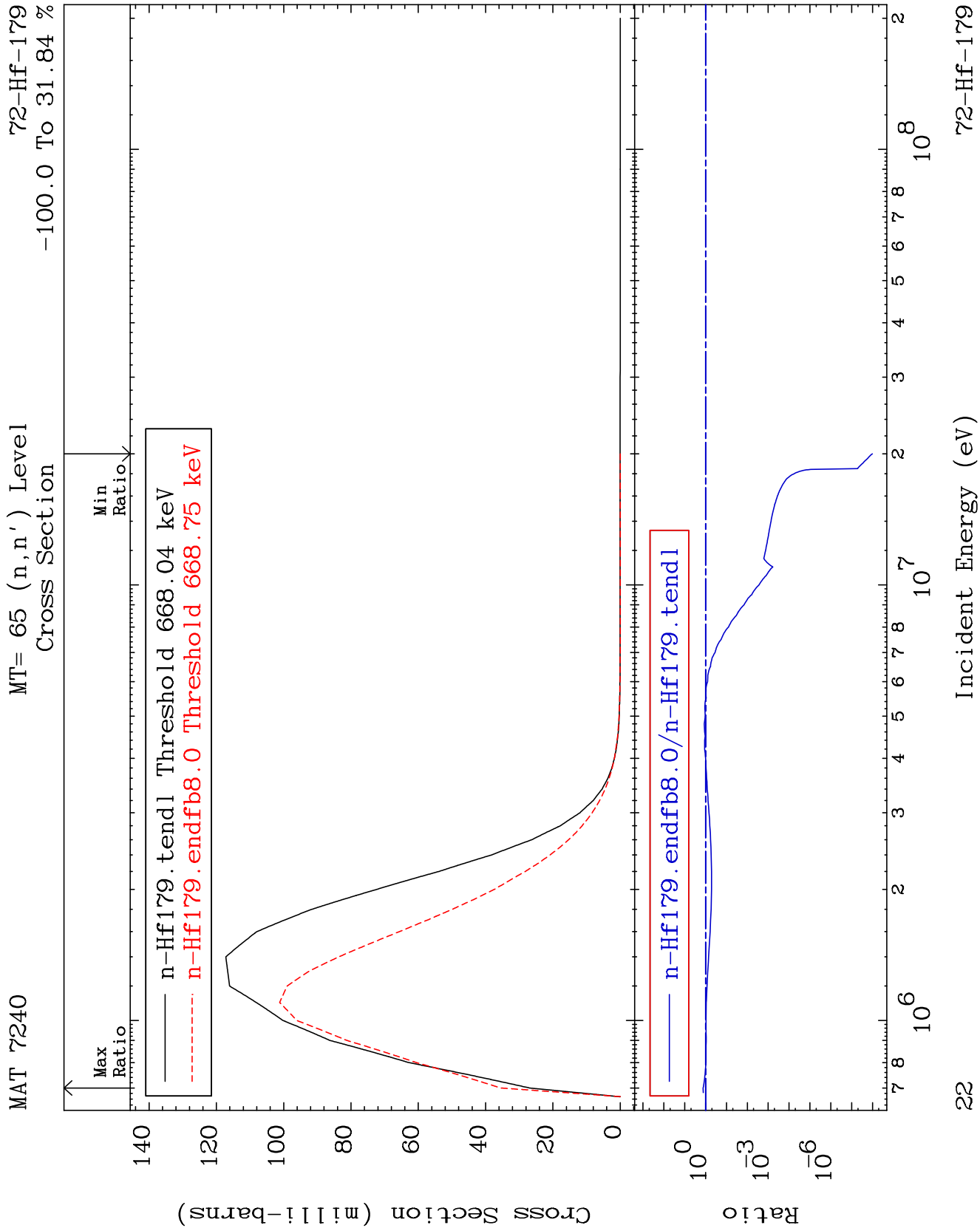


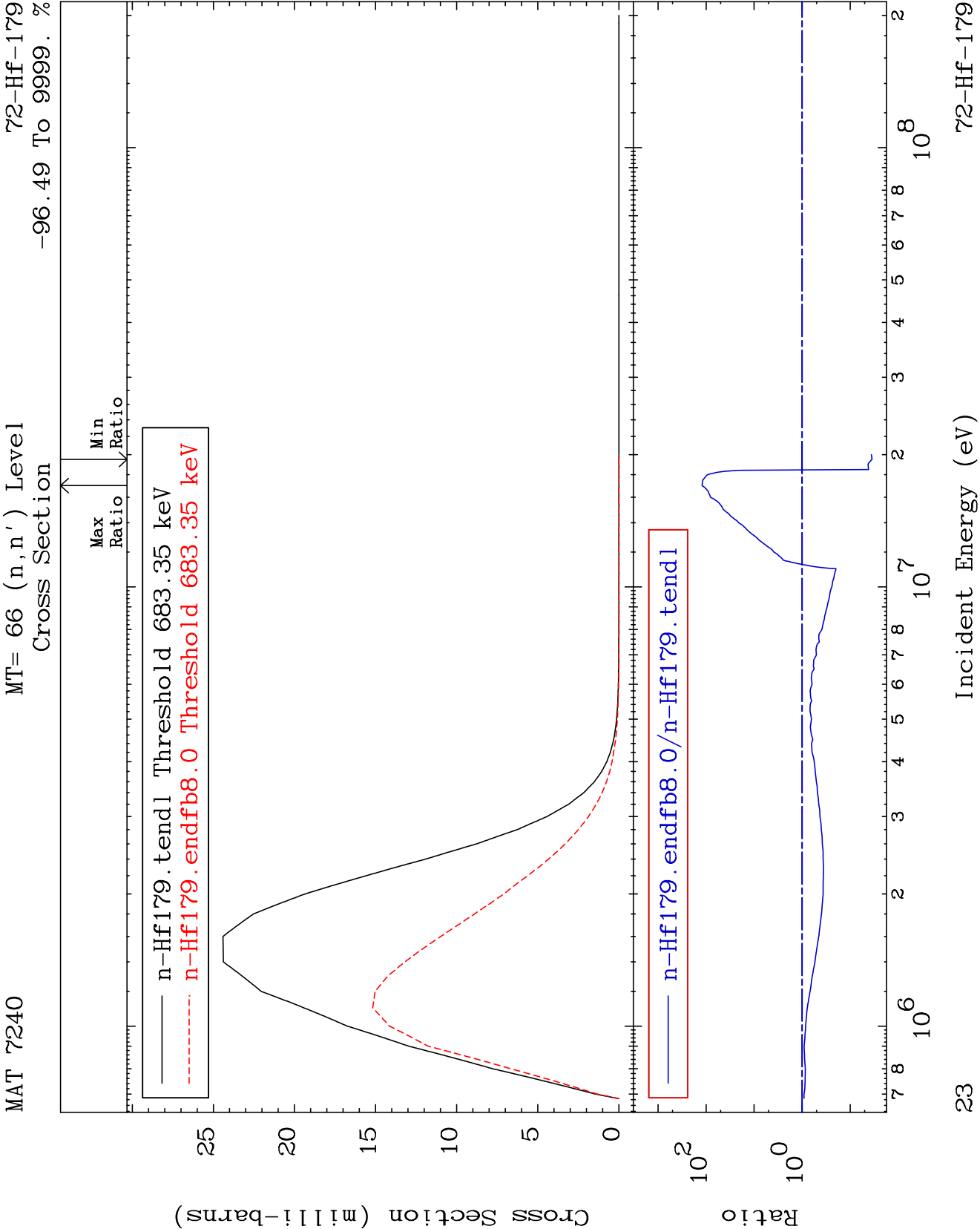








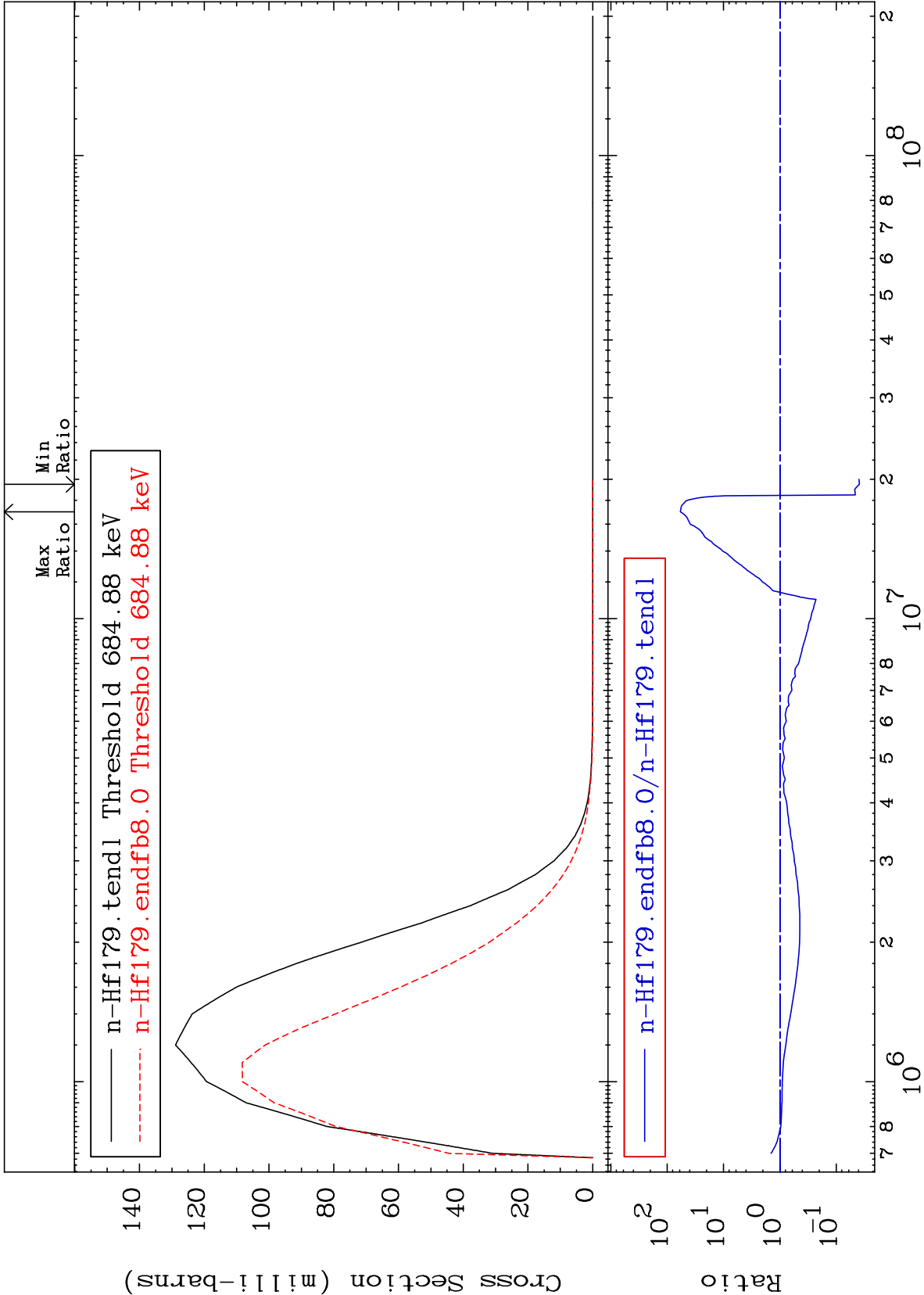


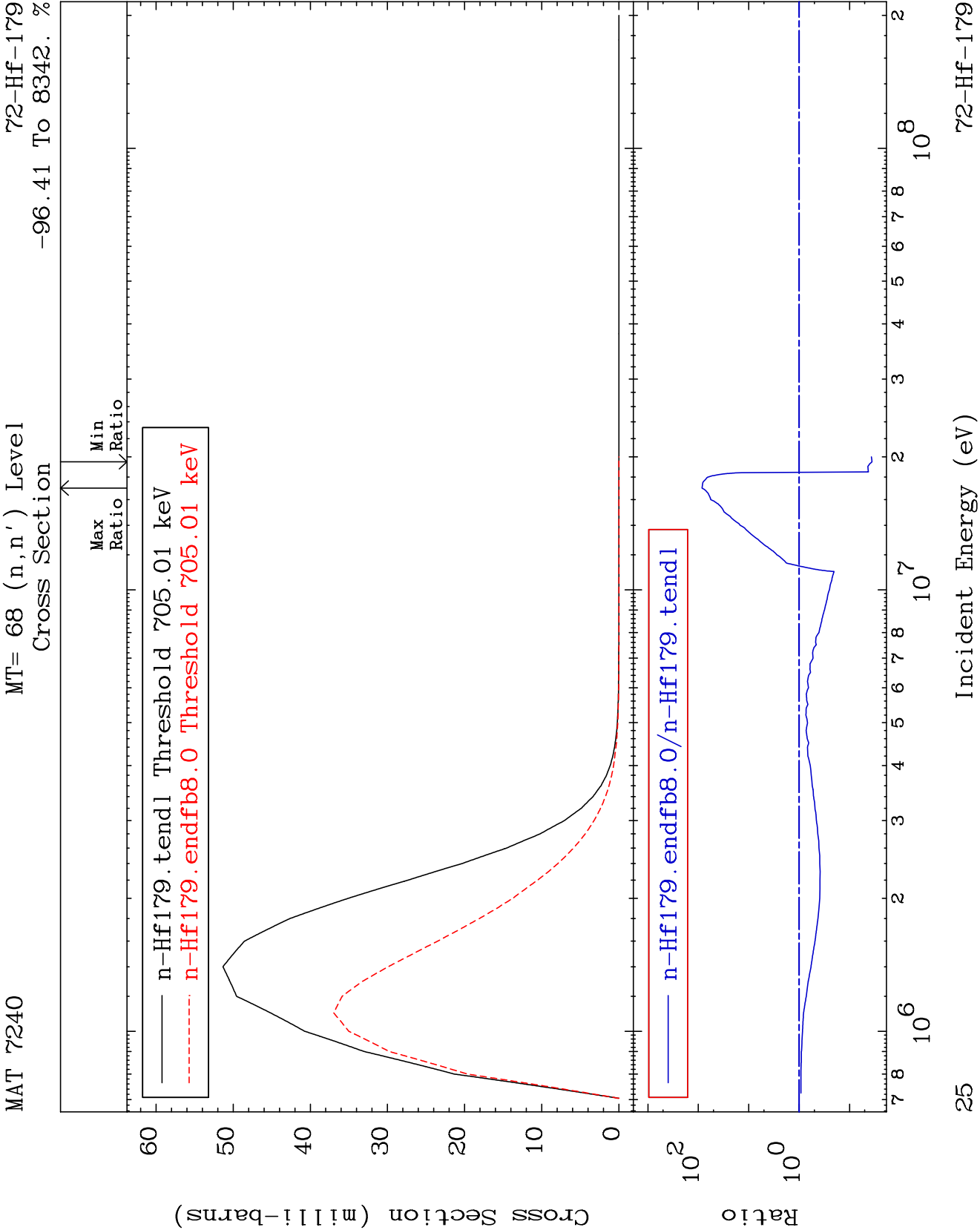


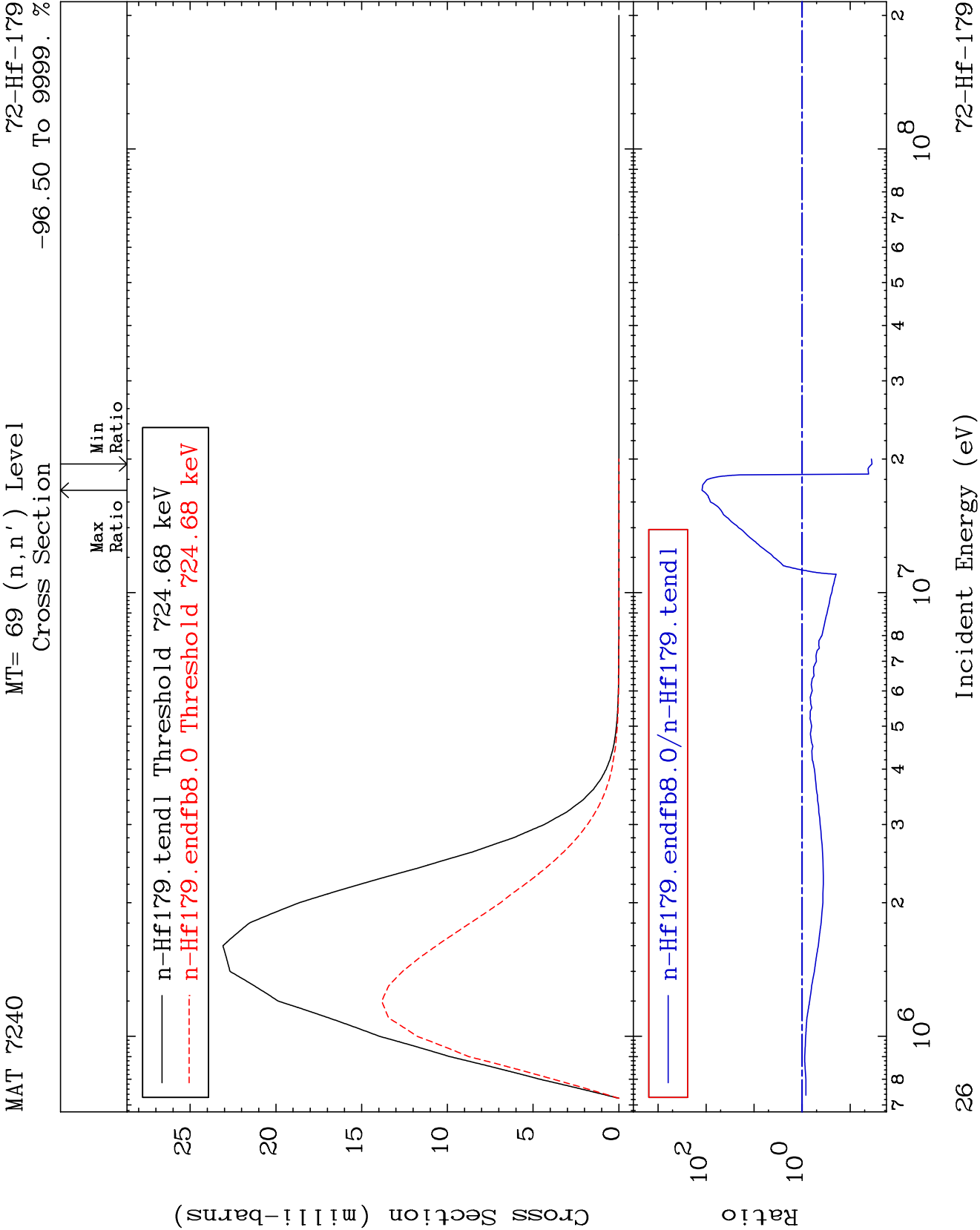
MAT 7240

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

⁷²Hf-¹⁷⁹
-96.13 To 5749. %







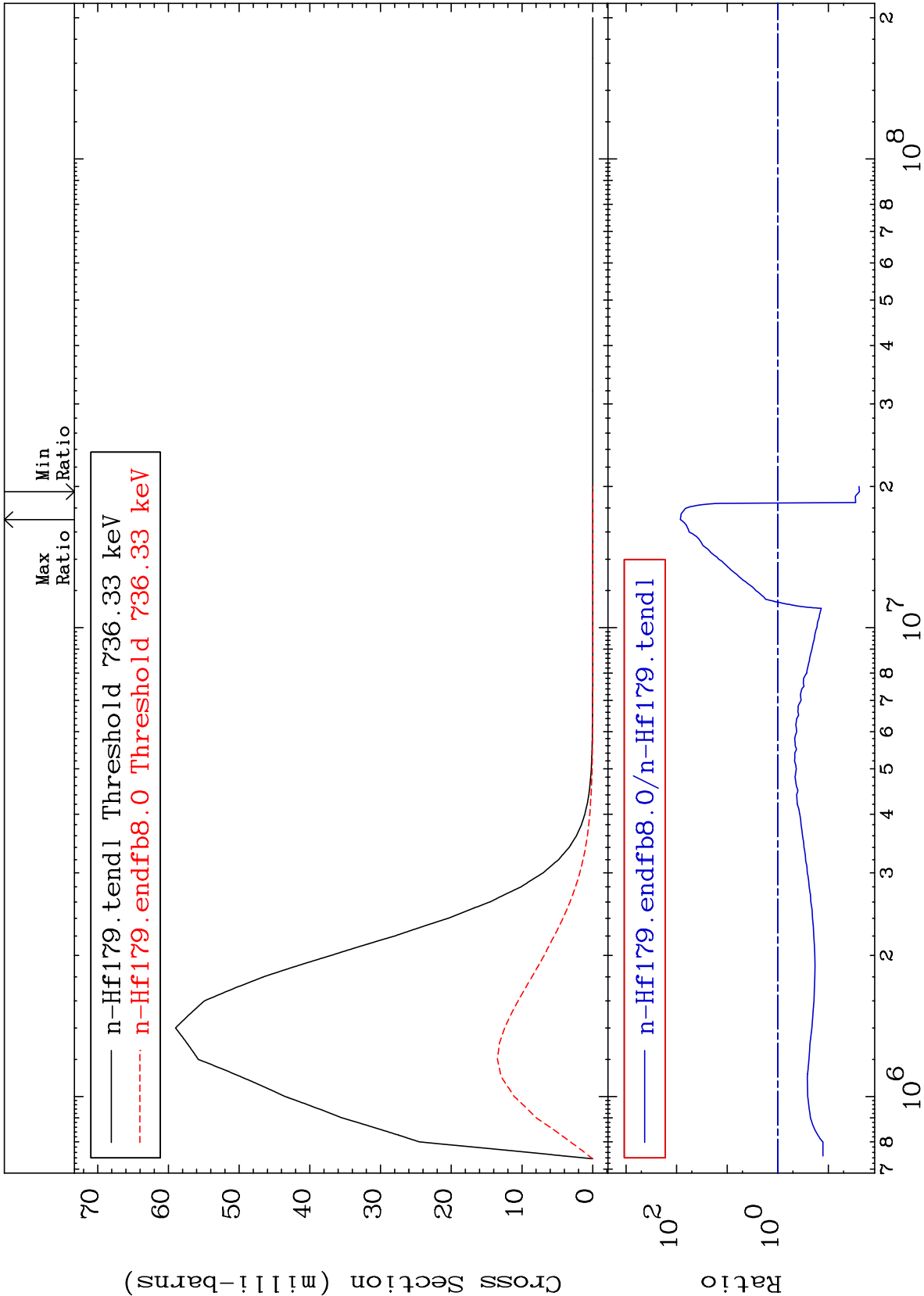
26

72-Hf-179

MAT 7240

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

⁷²Hf-¹⁷⁹
-97.57 To 8343. %



27

Incident Energy (eV)

⁷²Hf-¹⁷⁹

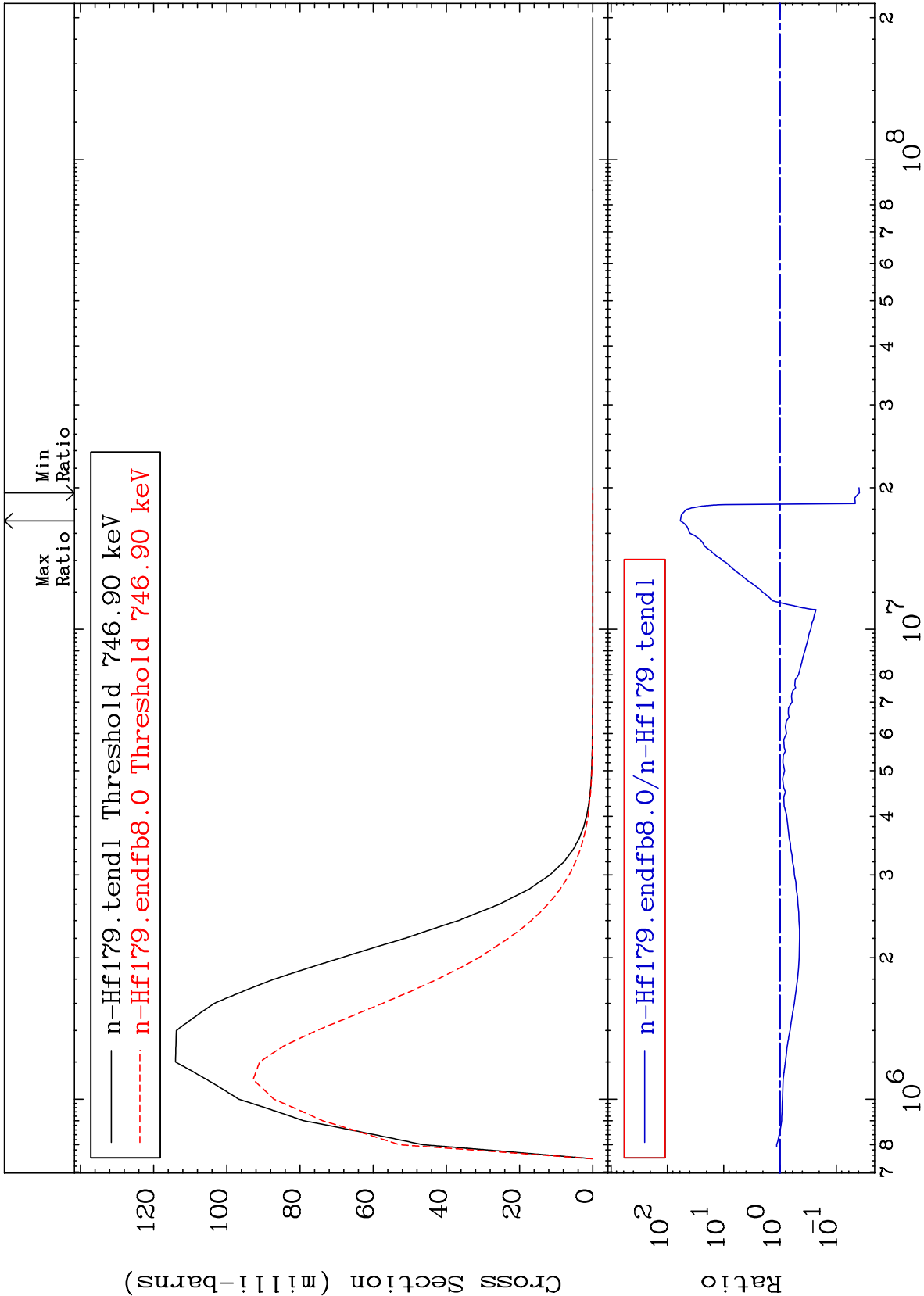
MAT 7240

MT= 71 (n,n') Level

⁷²Hf-179

-96.13 To 5765. %

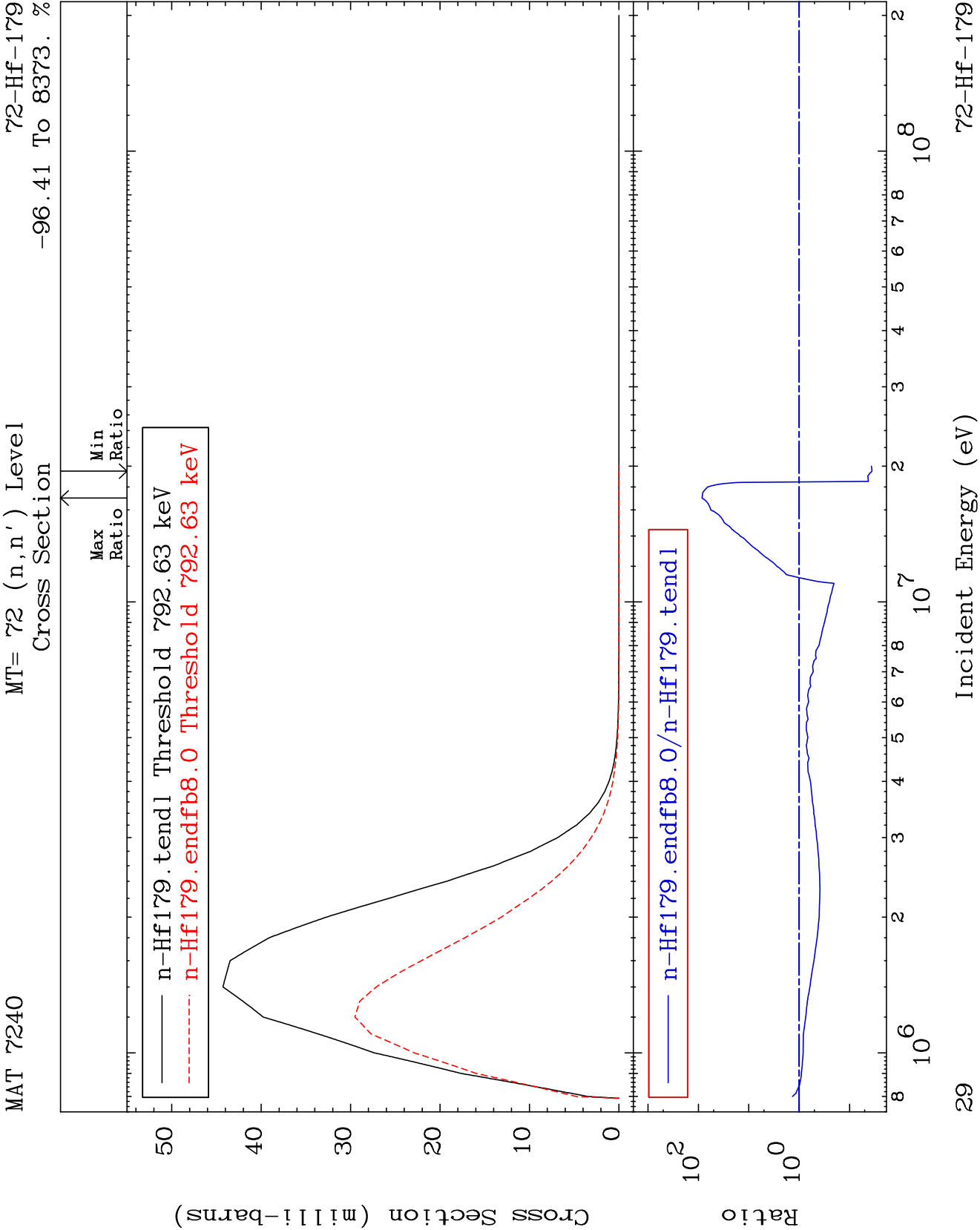
Cross Section



28

Incident Energy (eV)

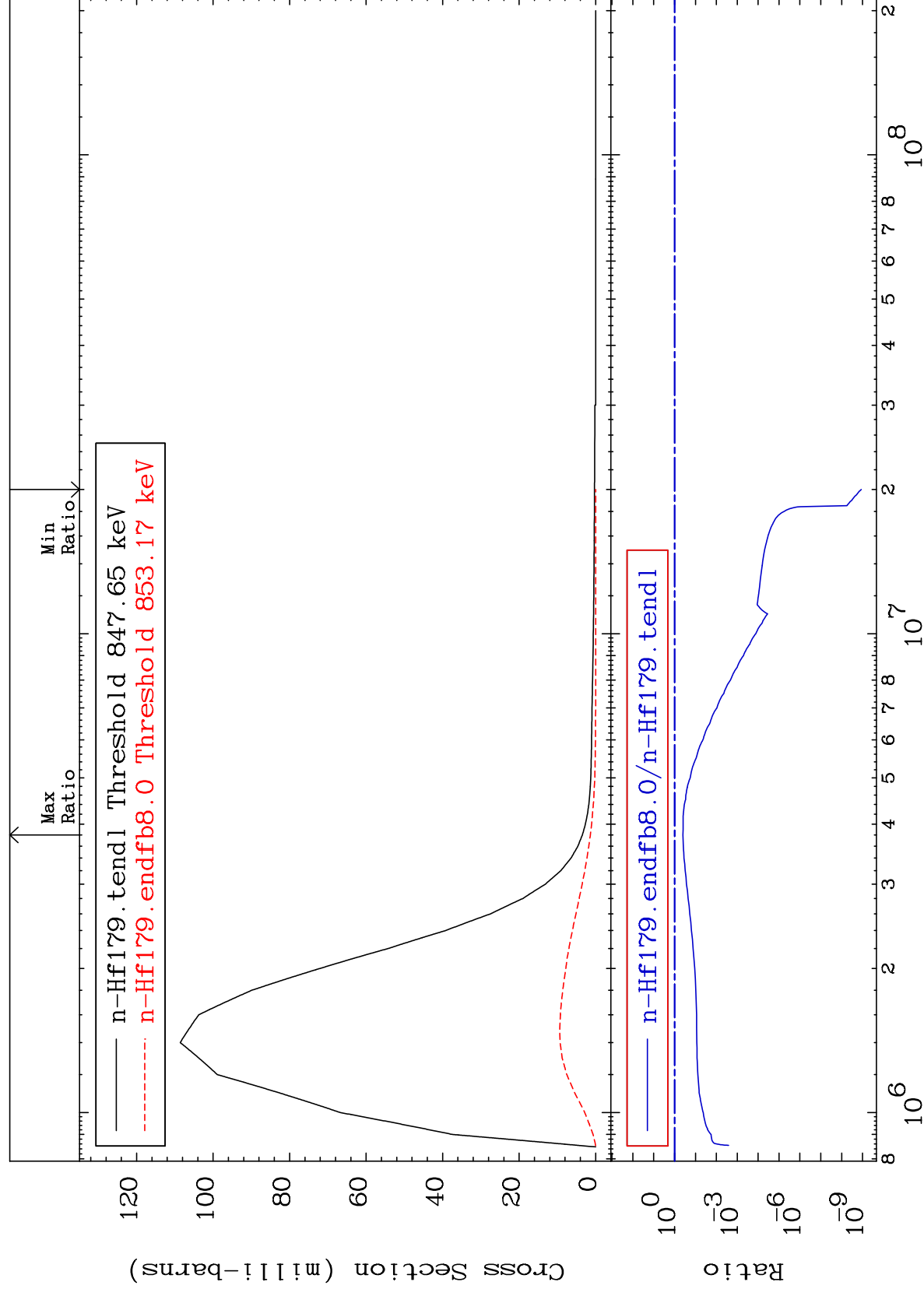
⁷²Hf-179



MAT 7240

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

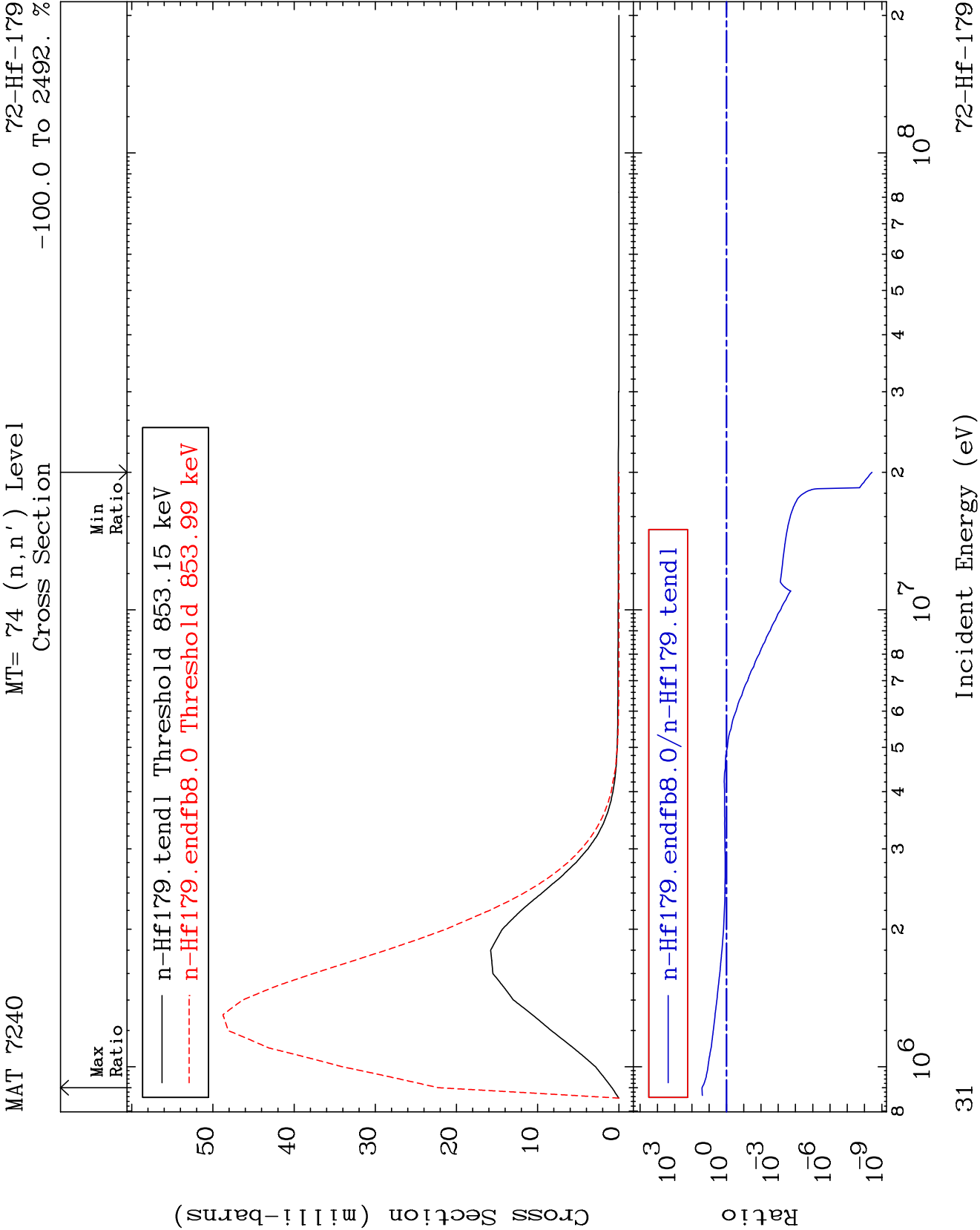
72-Hf-179
-100.0 To -60.20%



30

Incident Energy (eV)

72-Hf-179



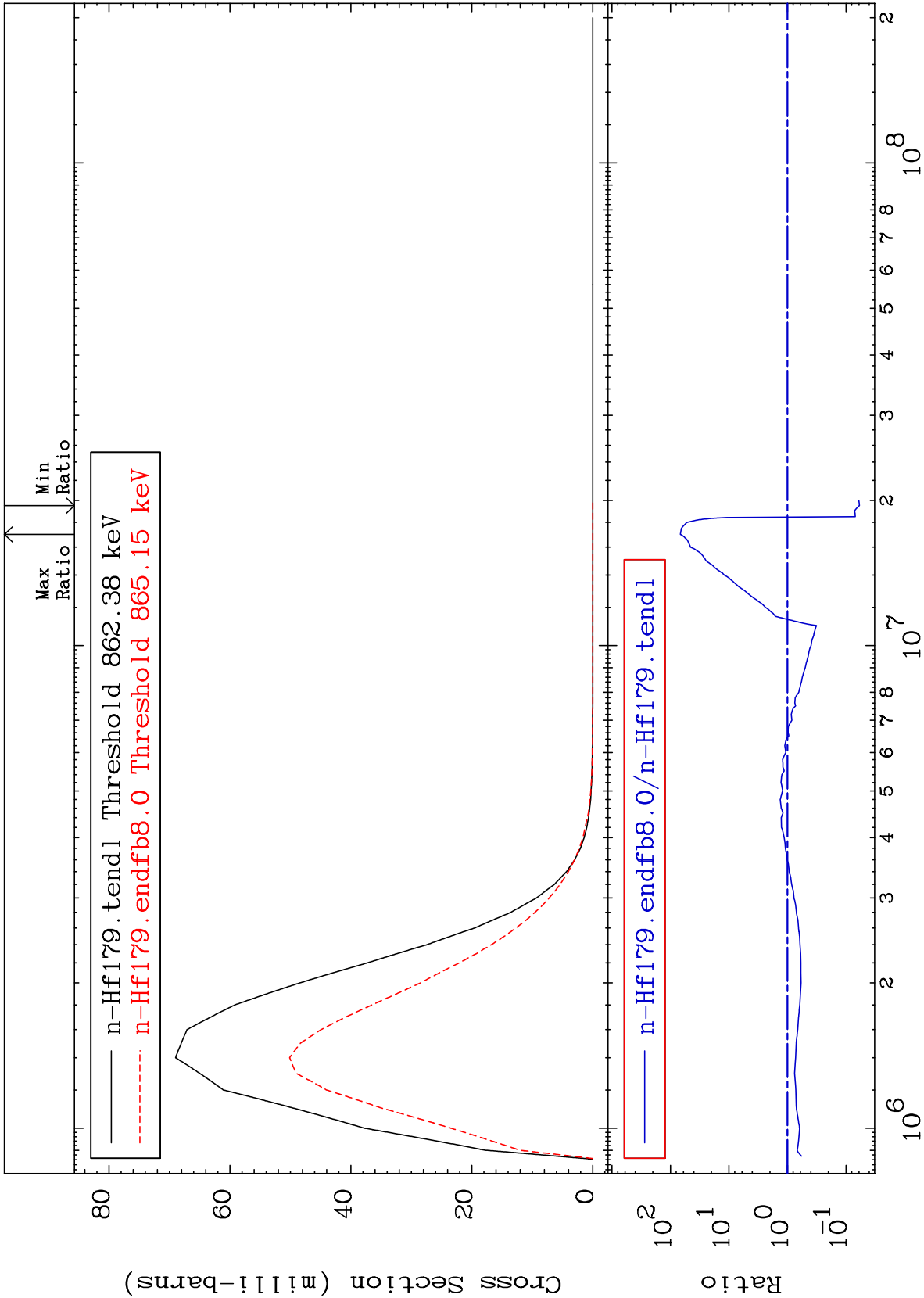
MAT 7240

MT= 75 (n,n') Level

⁷²Hf-¹⁷⁹

-94.11 To 6682. %

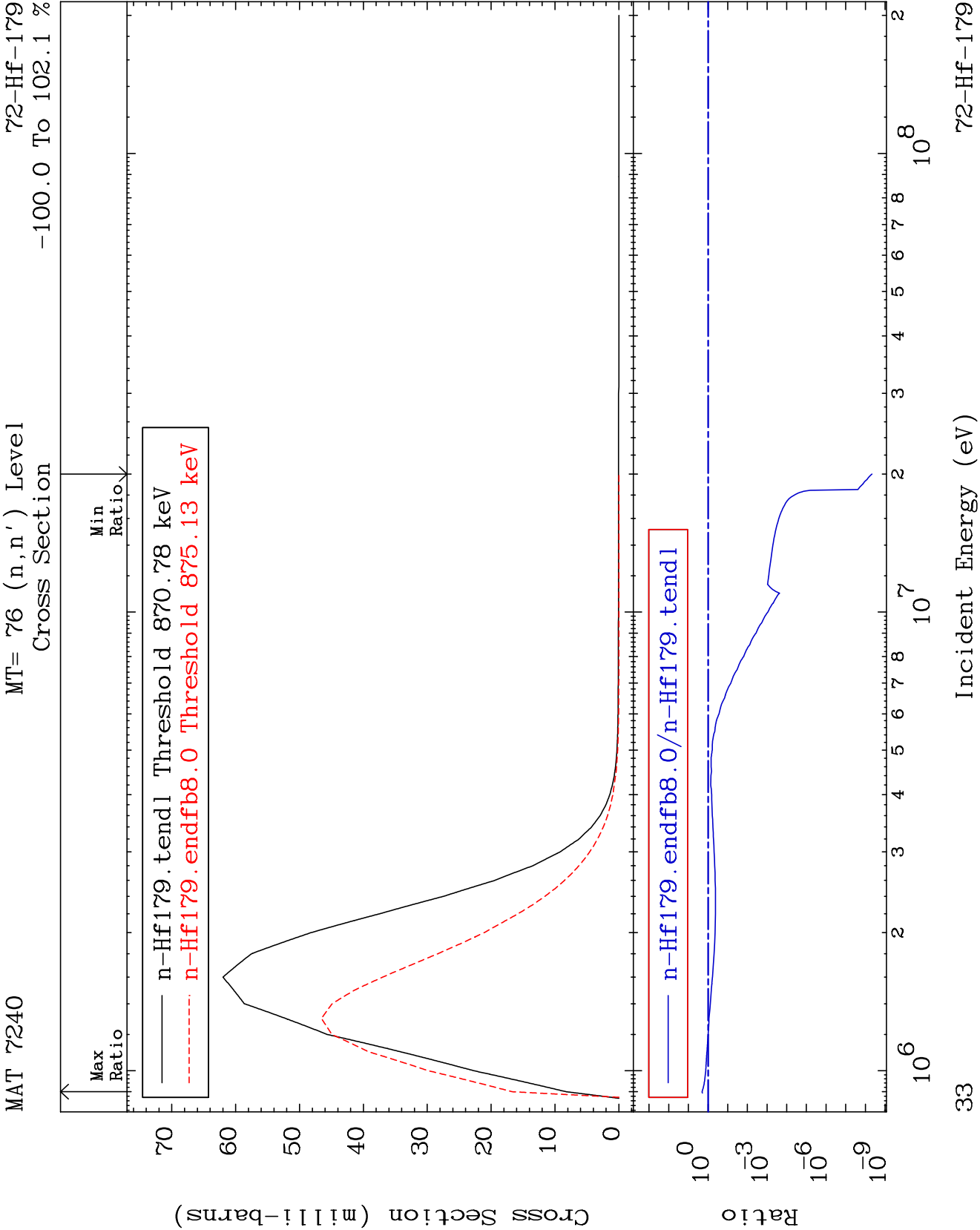
Cross Section



32

Incident Energy (eV)

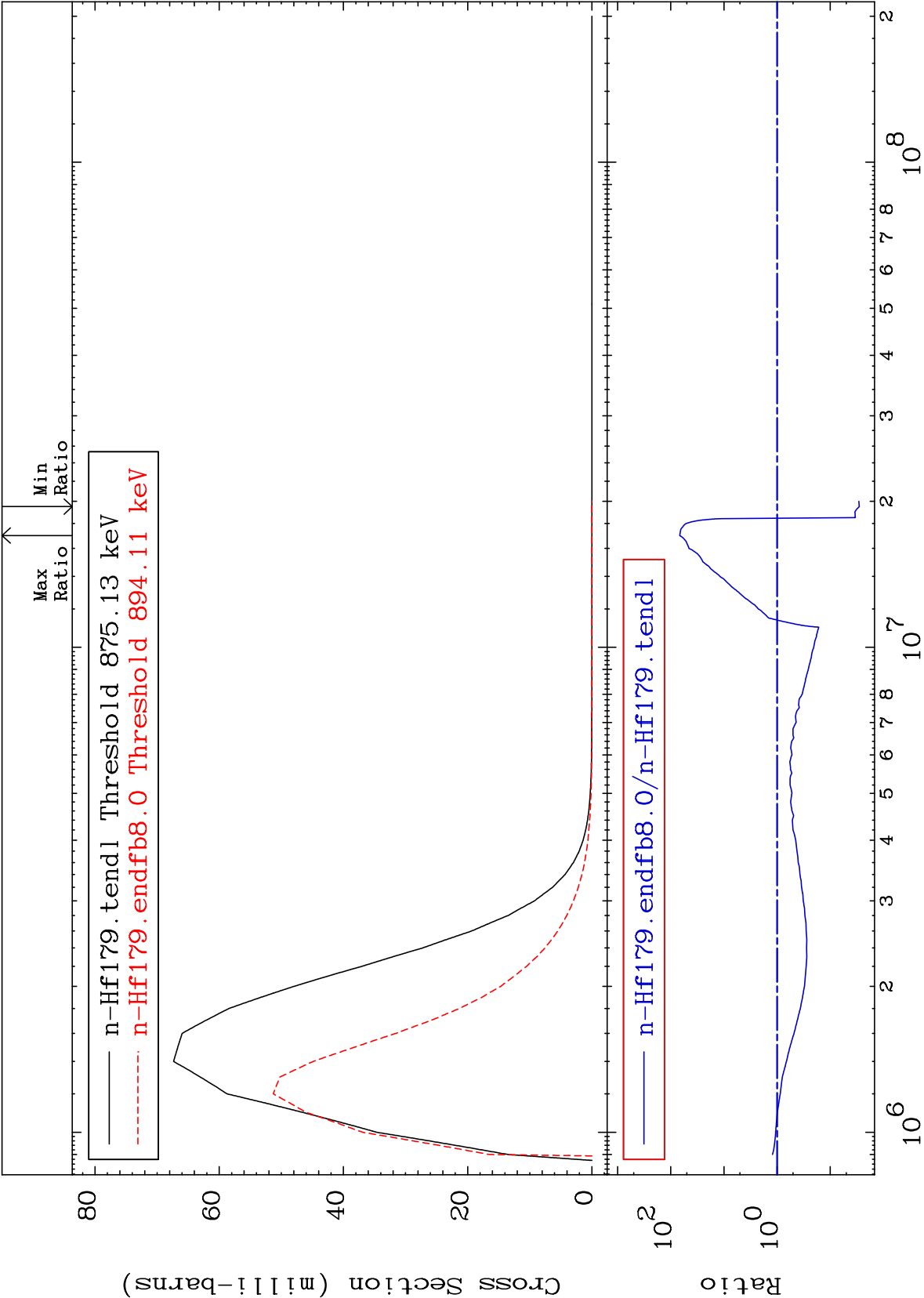
⁷²Hf-¹⁷⁹



MAT 7240

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

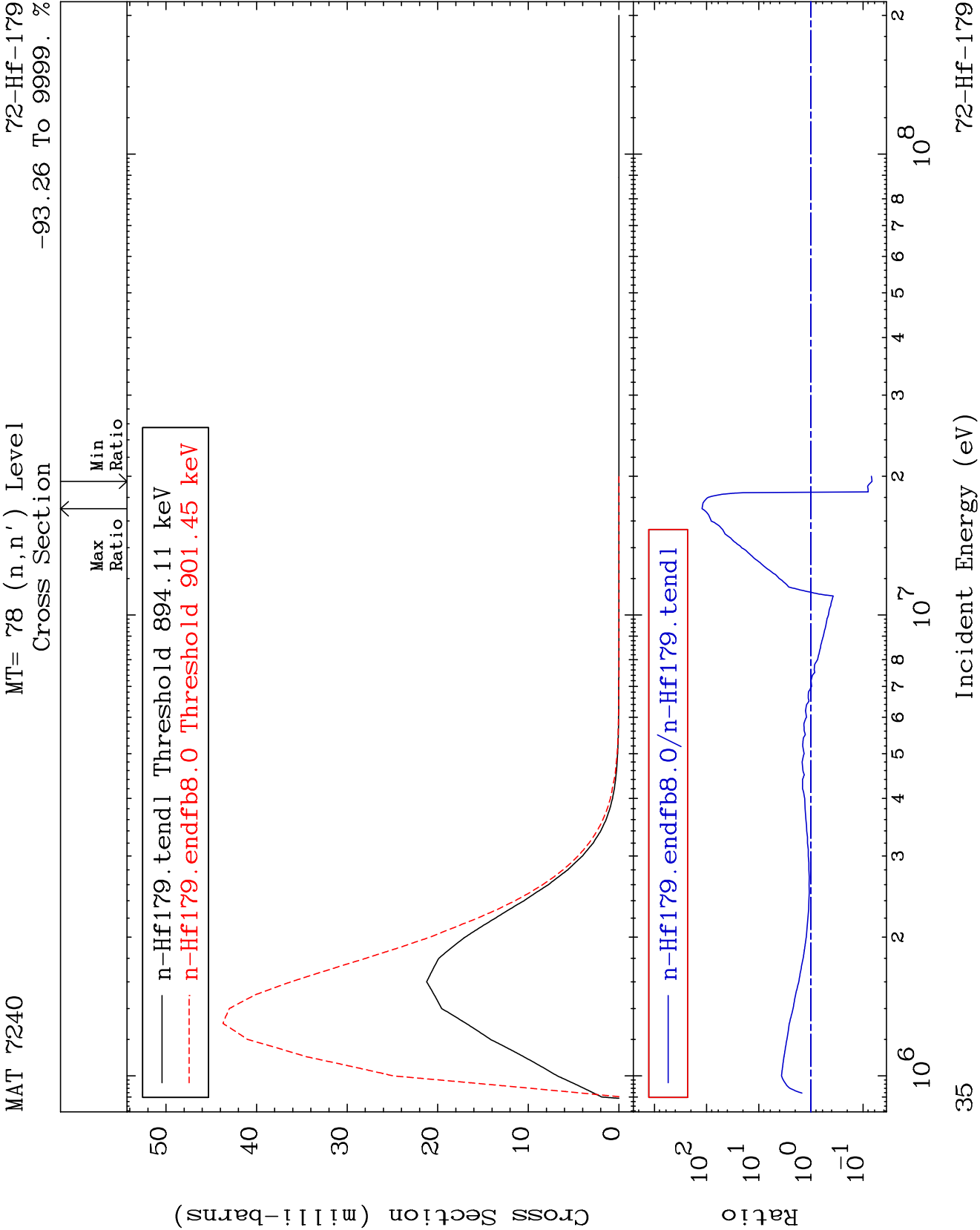
⁷²Hf-¹⁷⁹
-97.16 To 6681. %

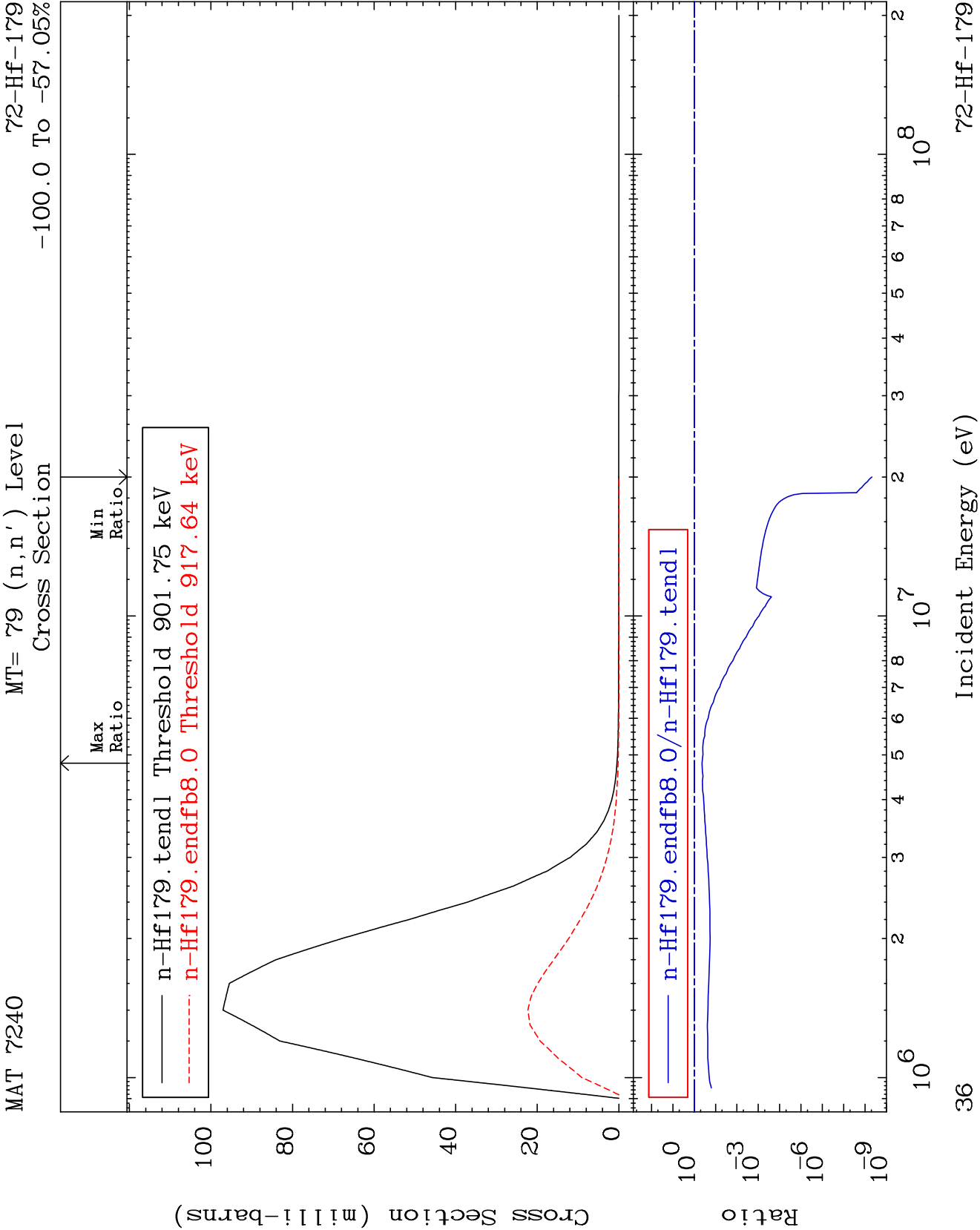


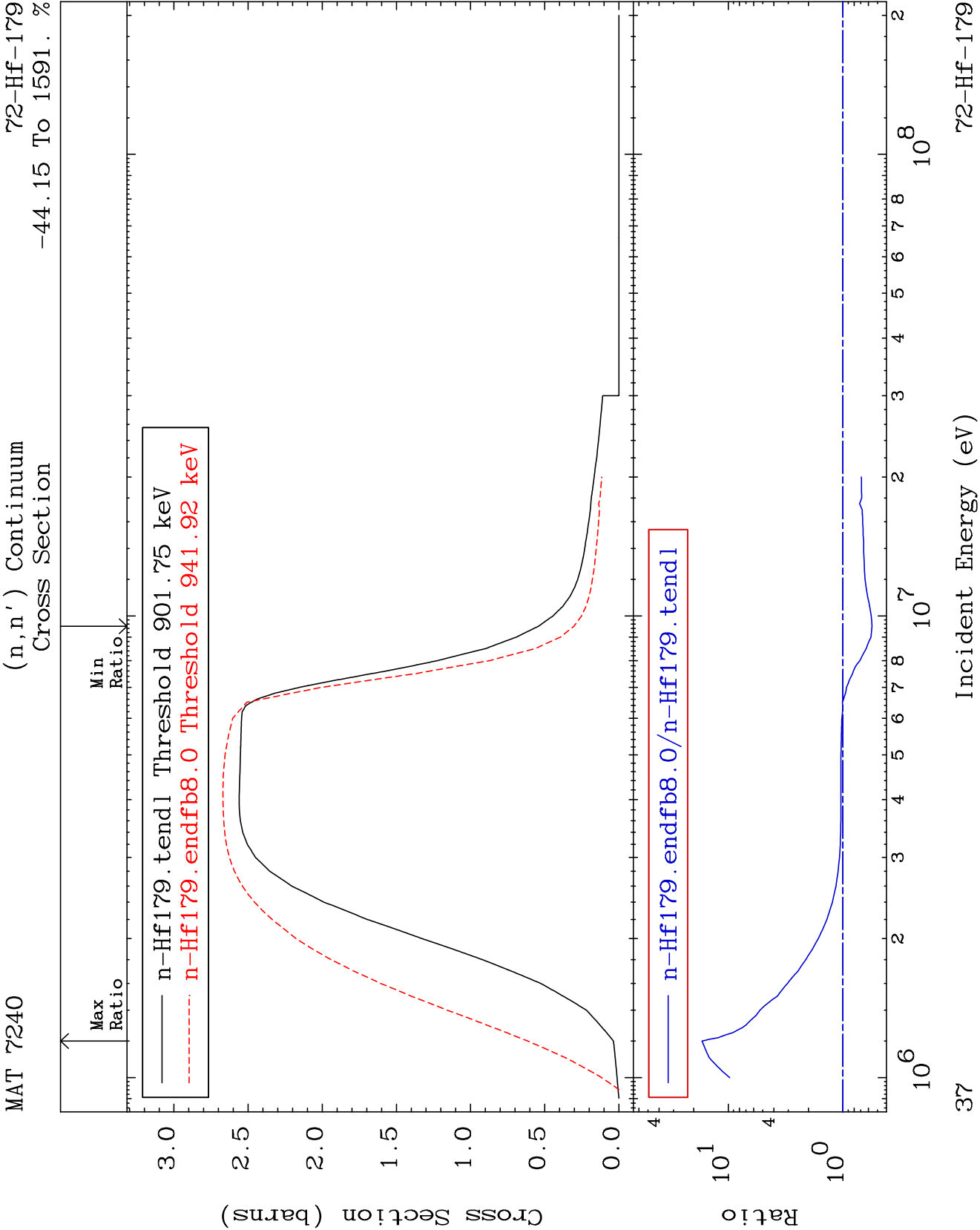
34

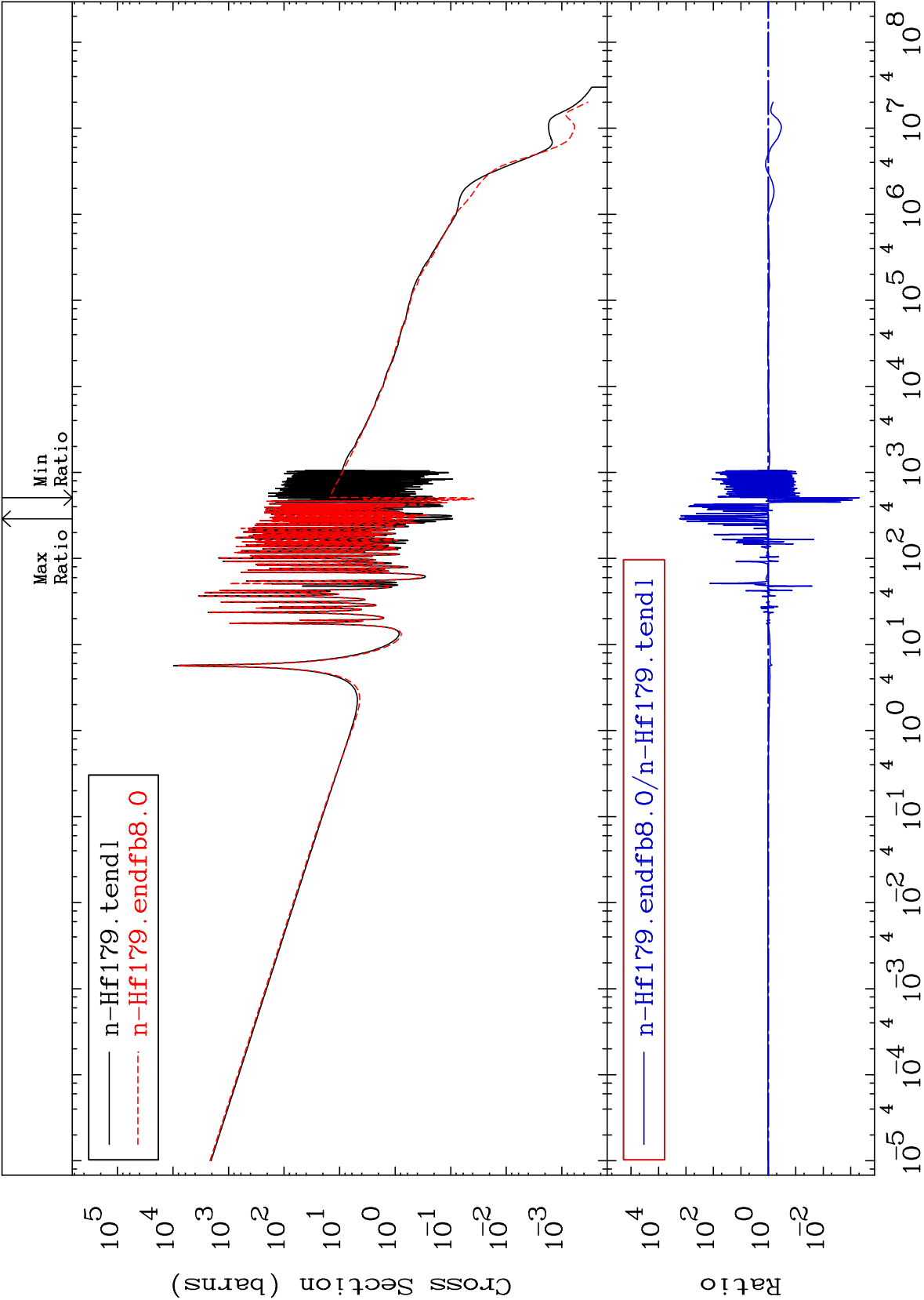
Incident Energy (eV)

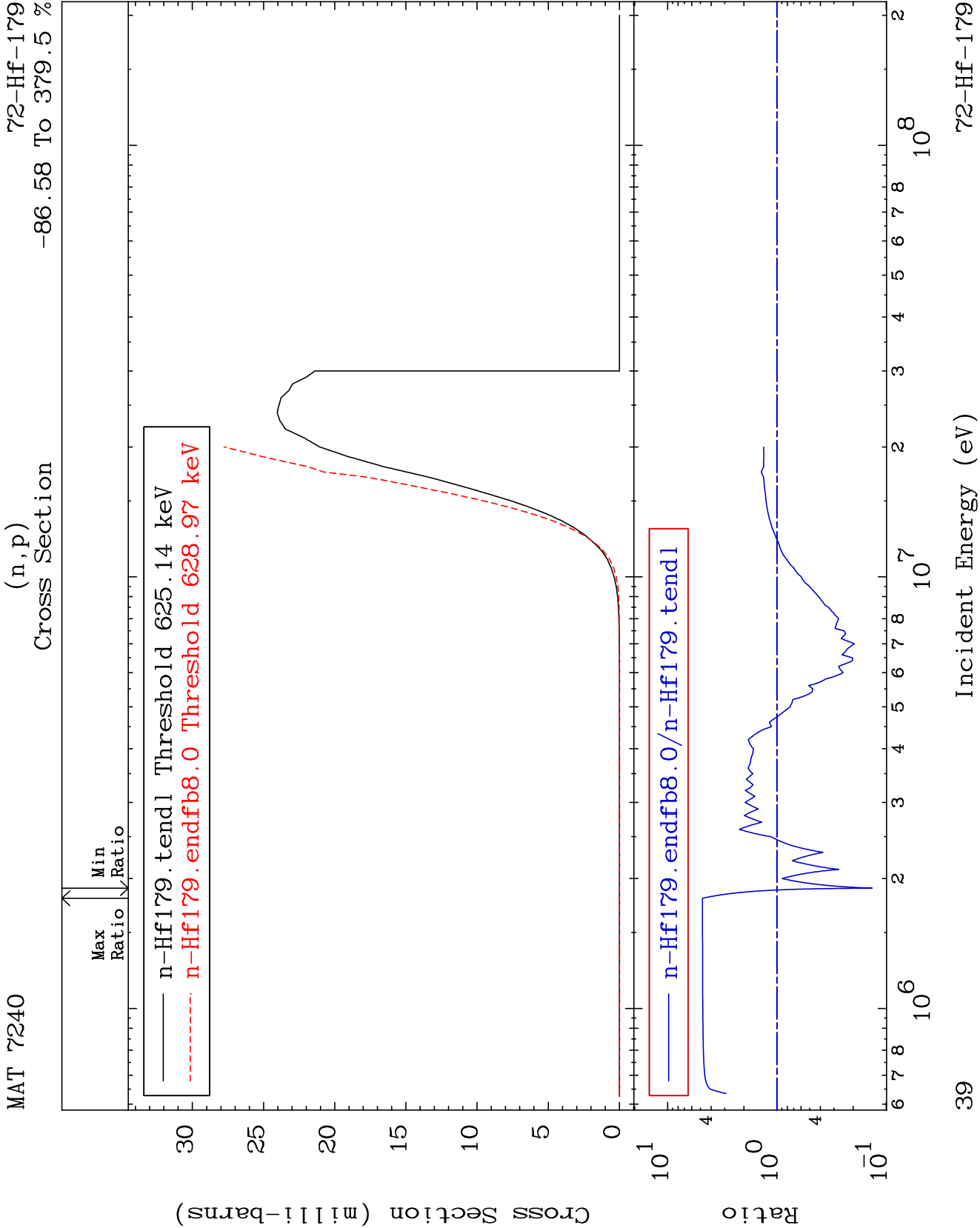
⁷²Hf-¹⁷⁹







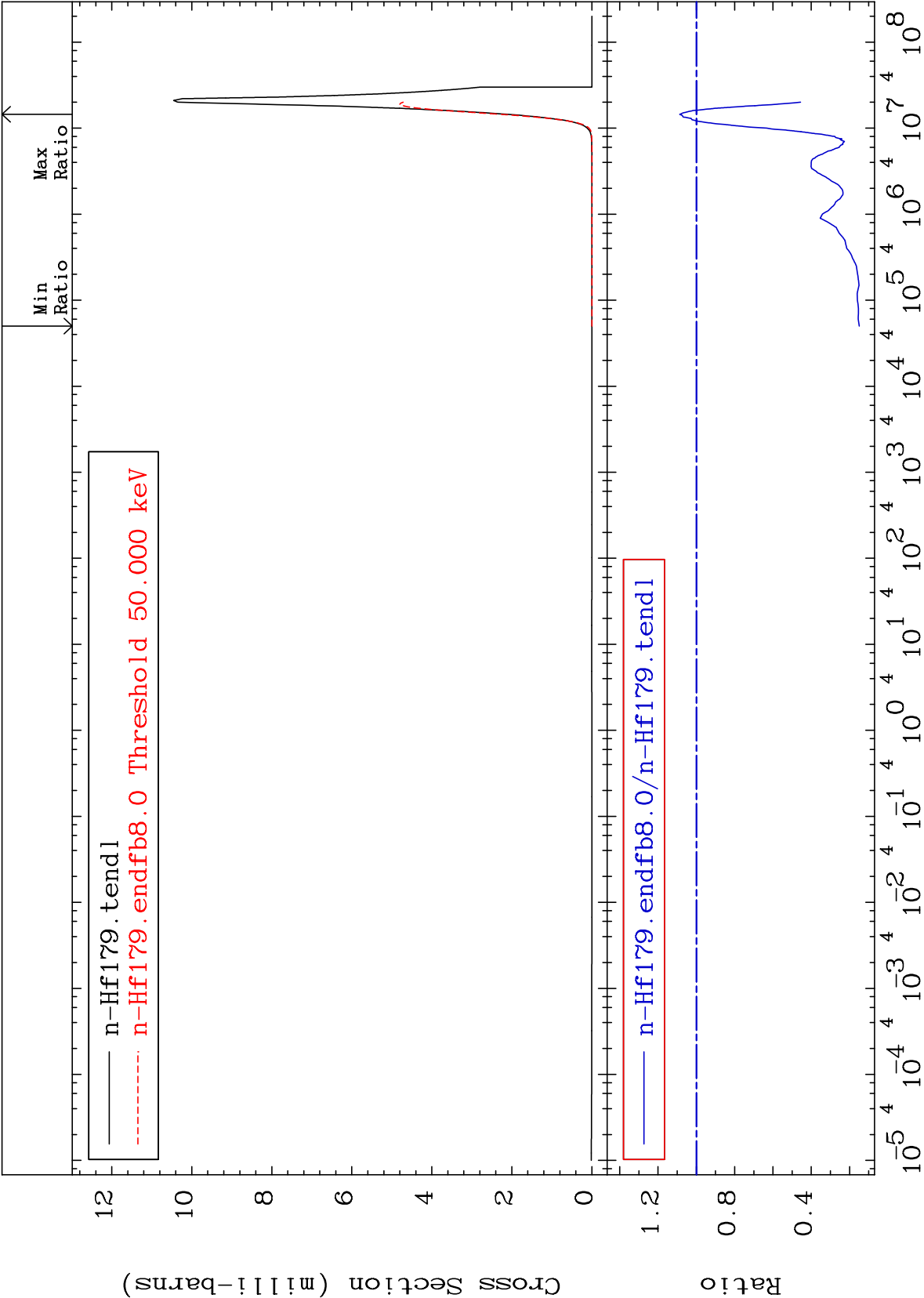




MAT 7240

(n, α)
Cross Section

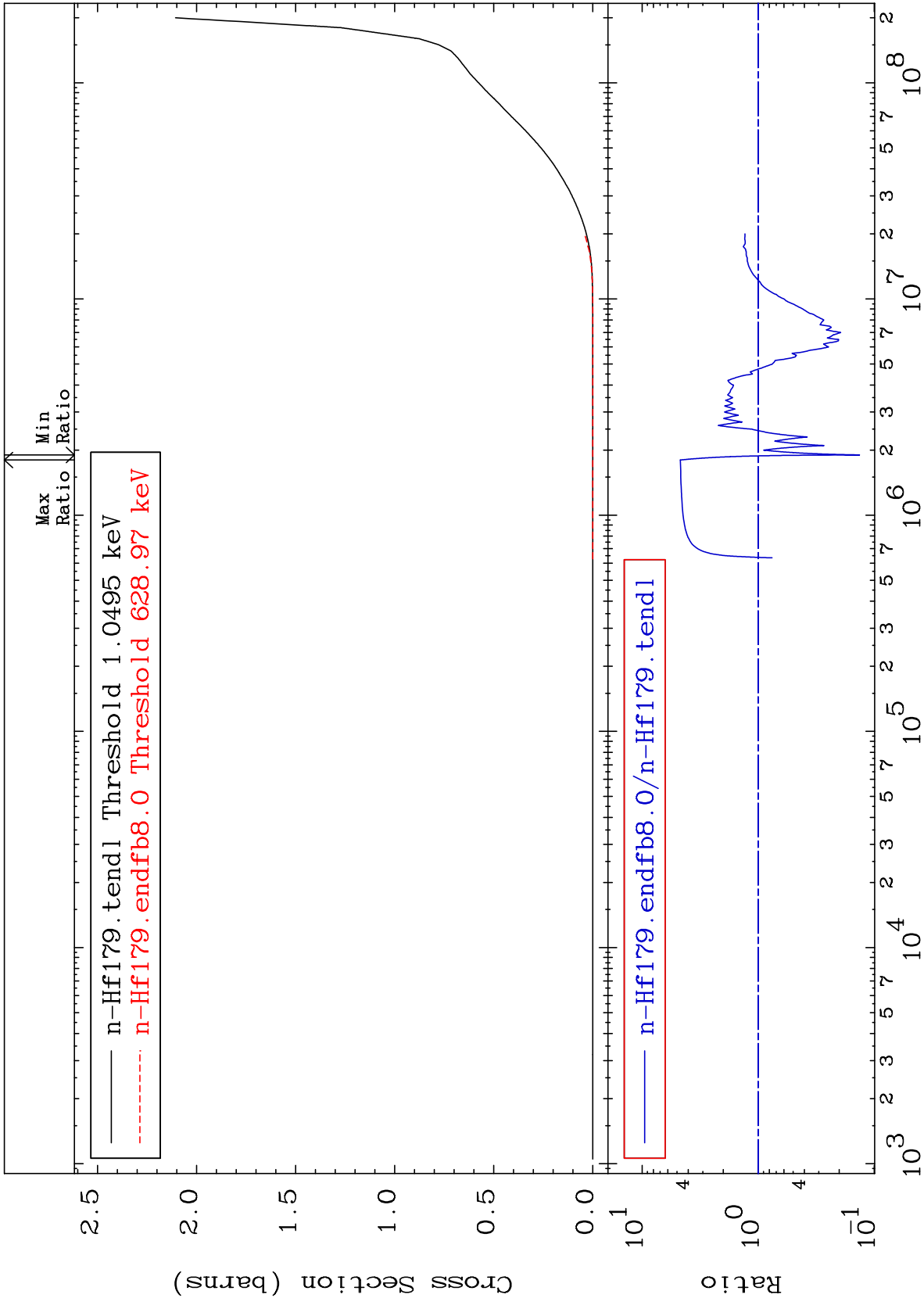
$^{72}\text{Hf-179}$
-85.05 To 8.661 %



MAT 7240

Hydrogen Production
Cross Section

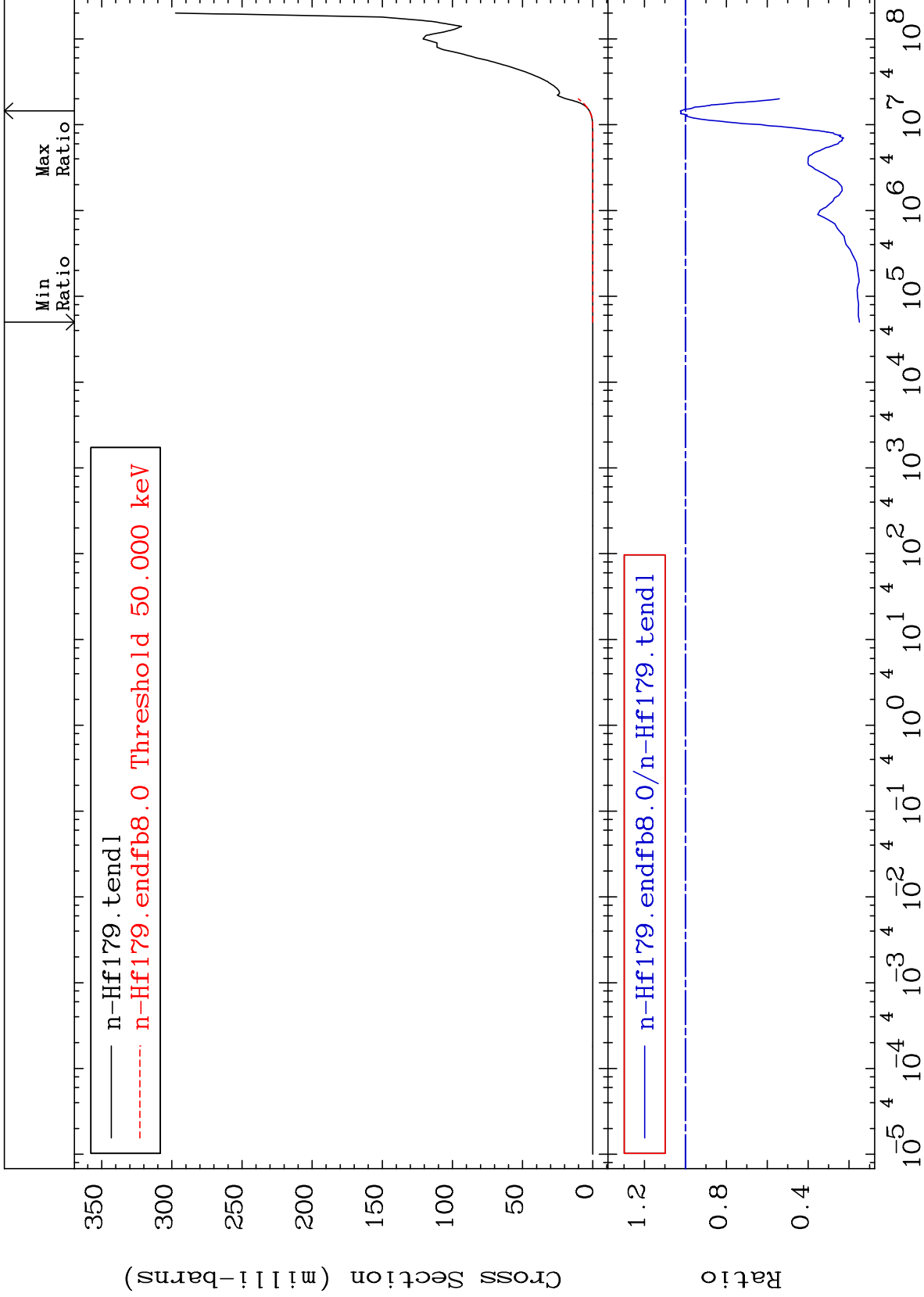
⁷²Hf-179
-86.59 To 368.5 %

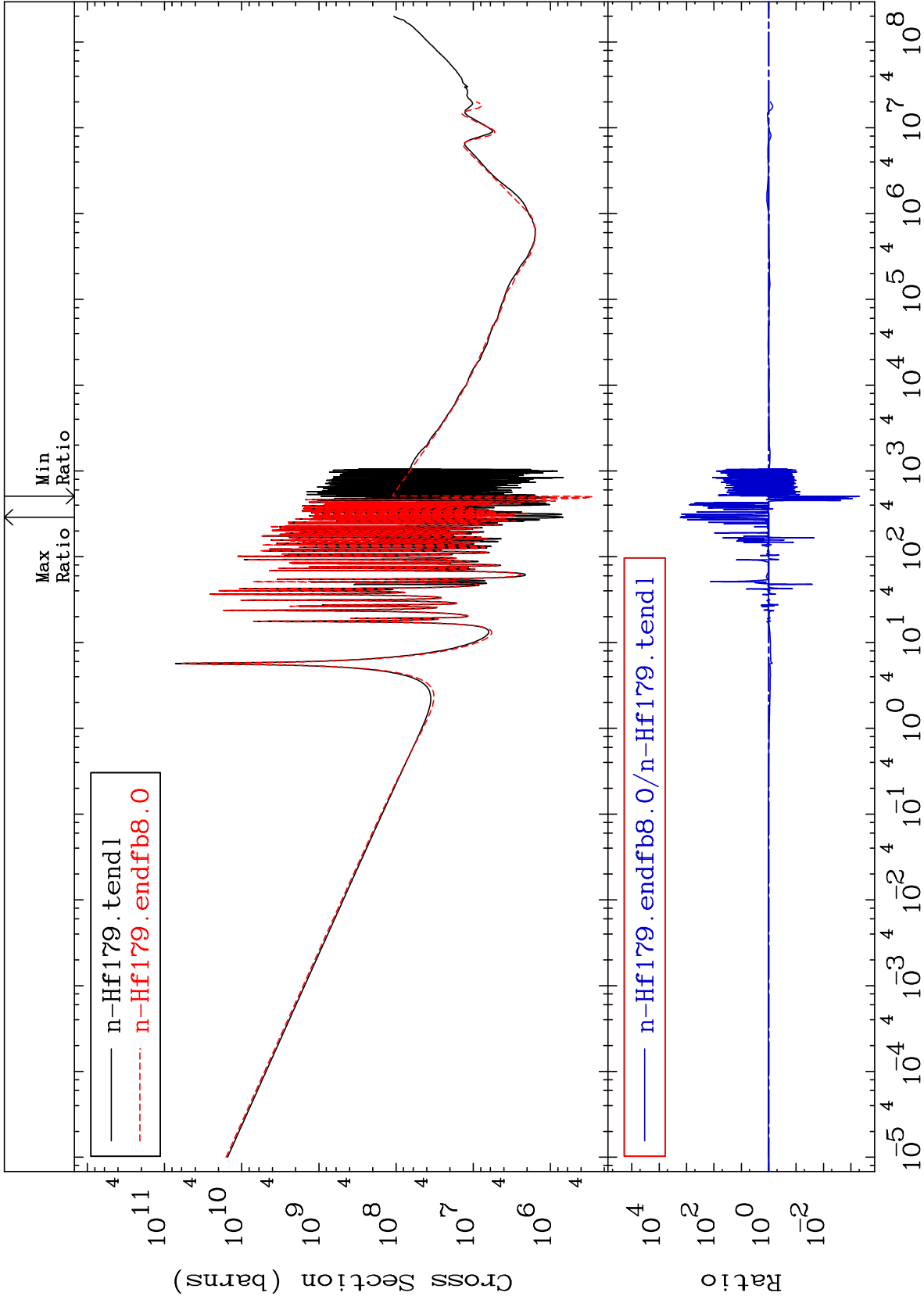


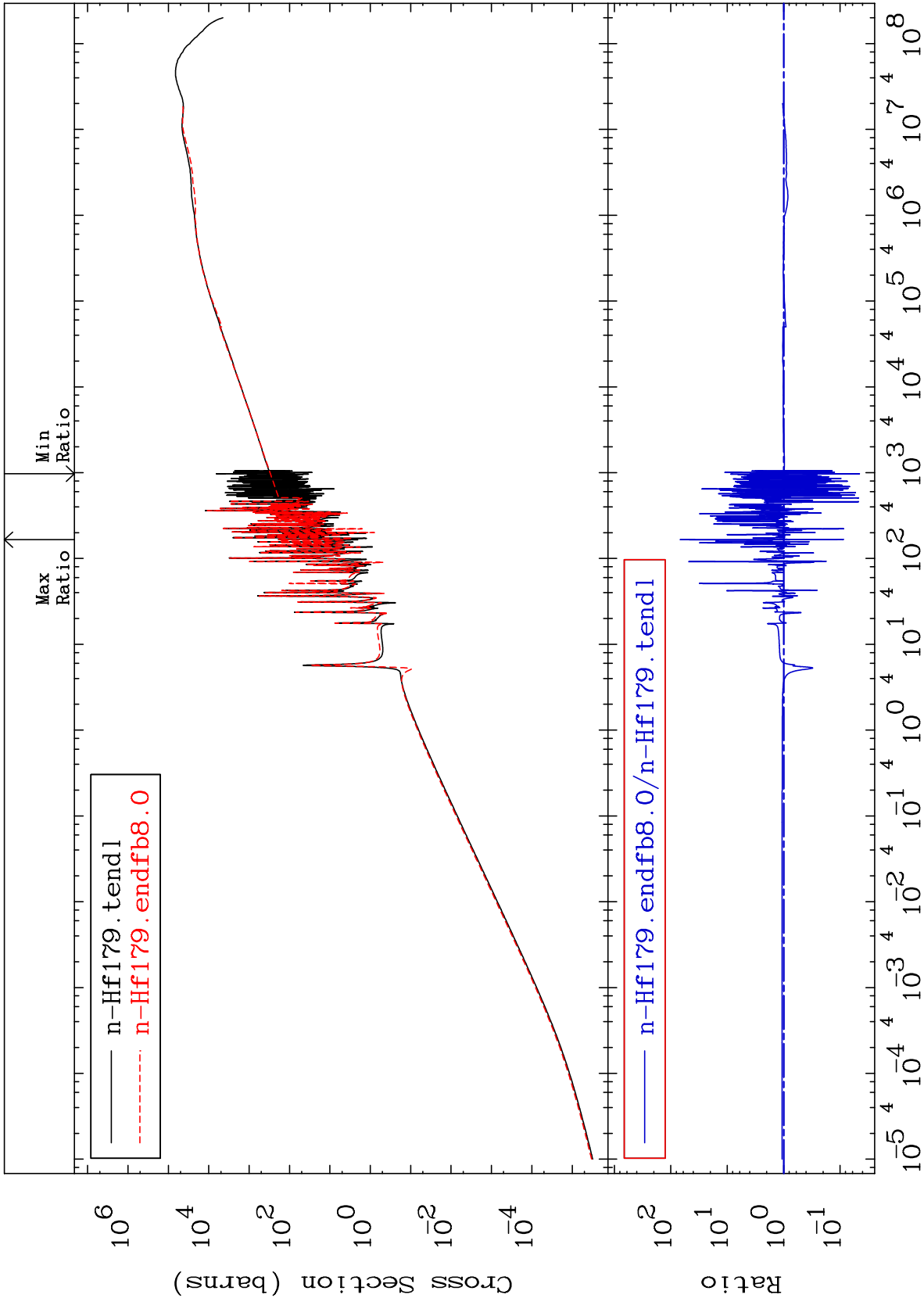
MAT 7240

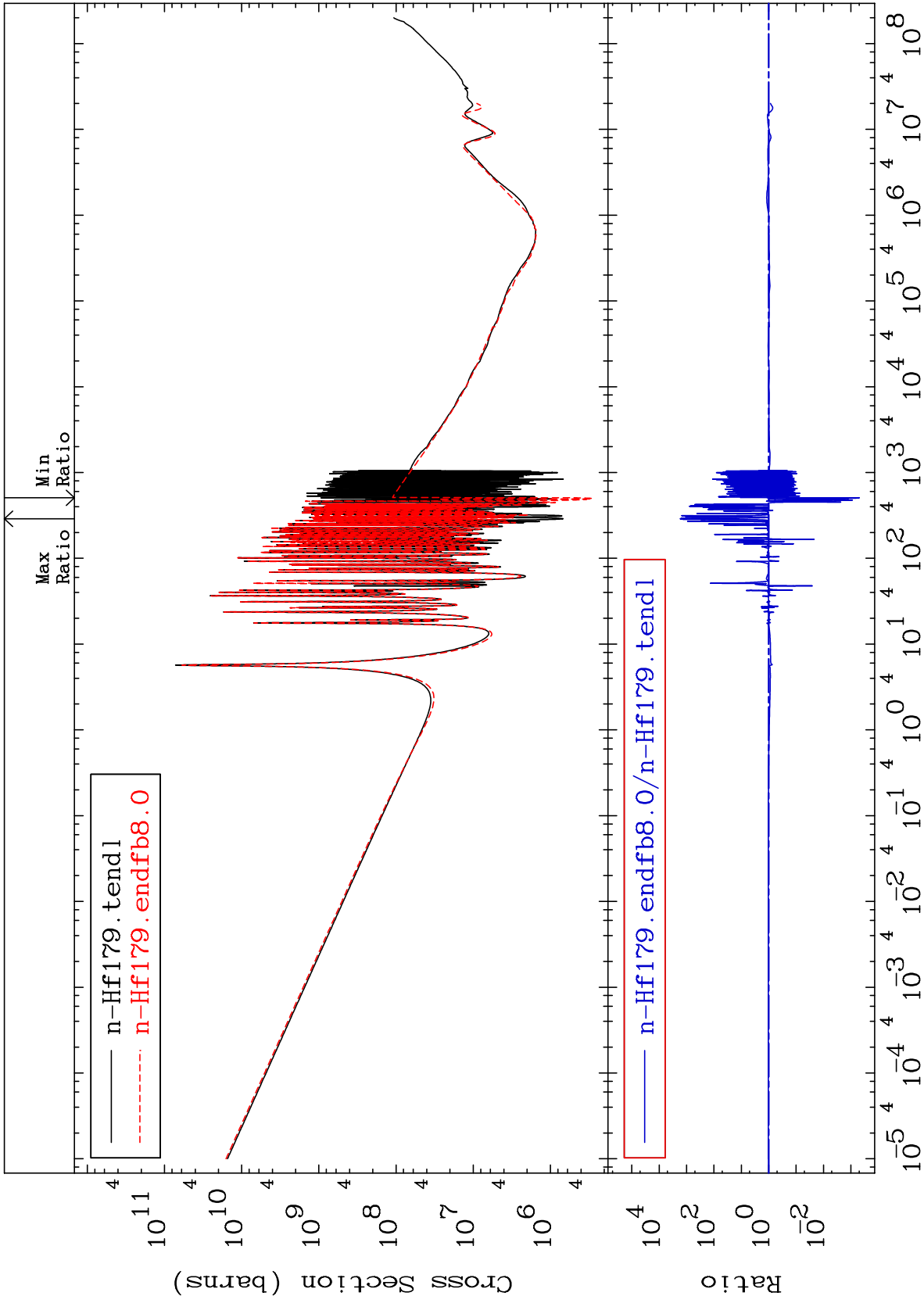
He-4 Production
Cross Section

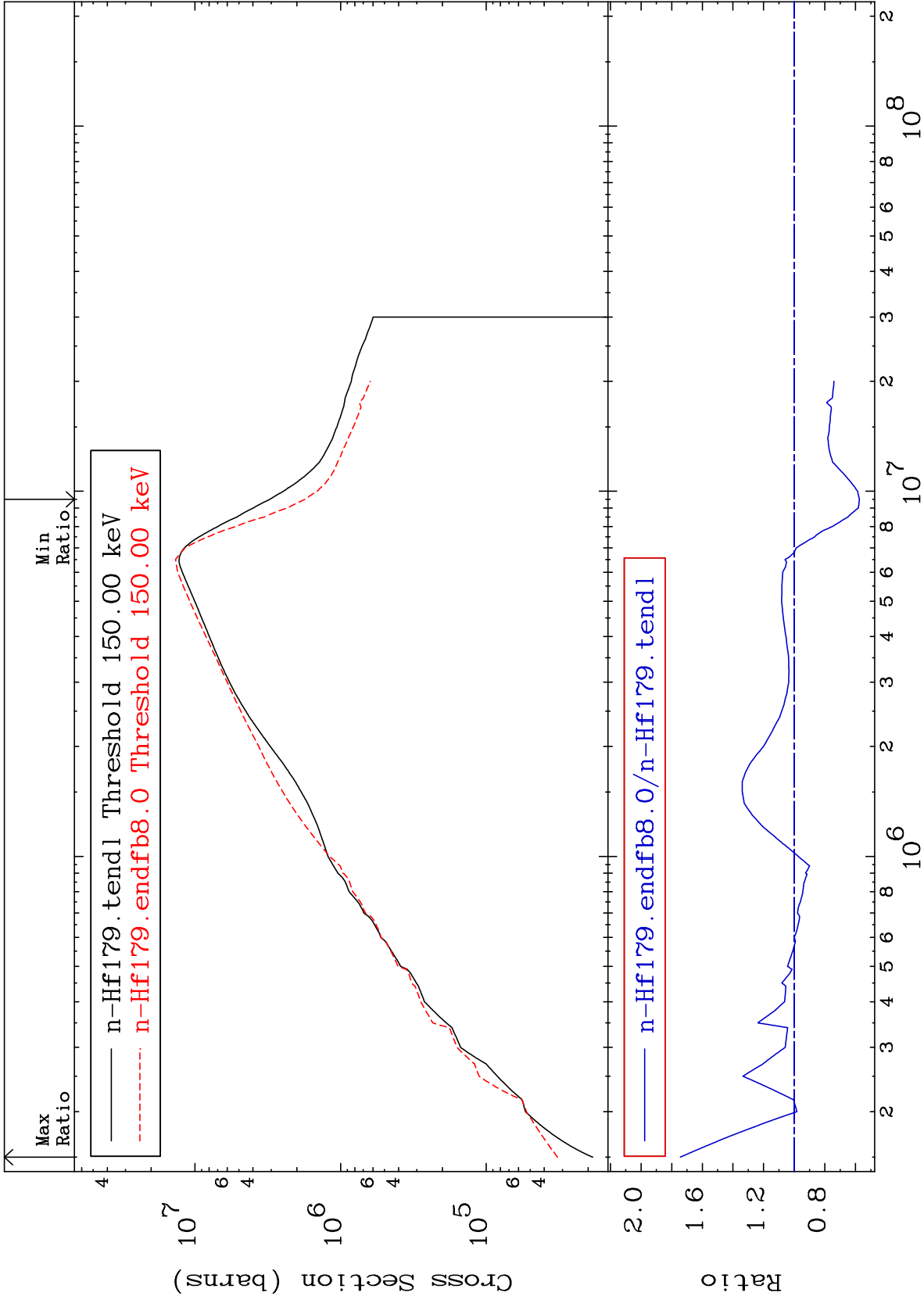
$^{72}\text{Hf-179}$
-85.05 To 2.484 %

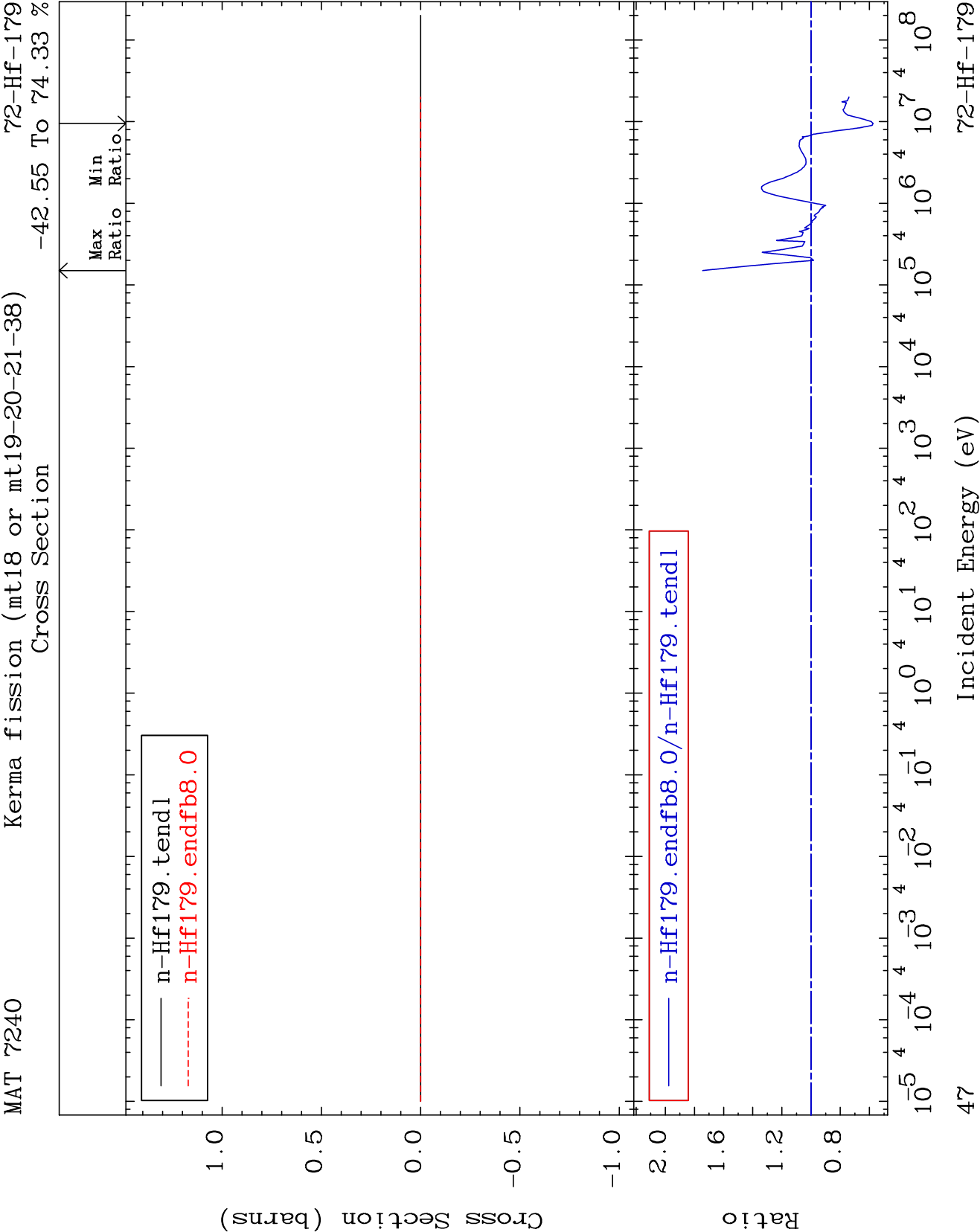


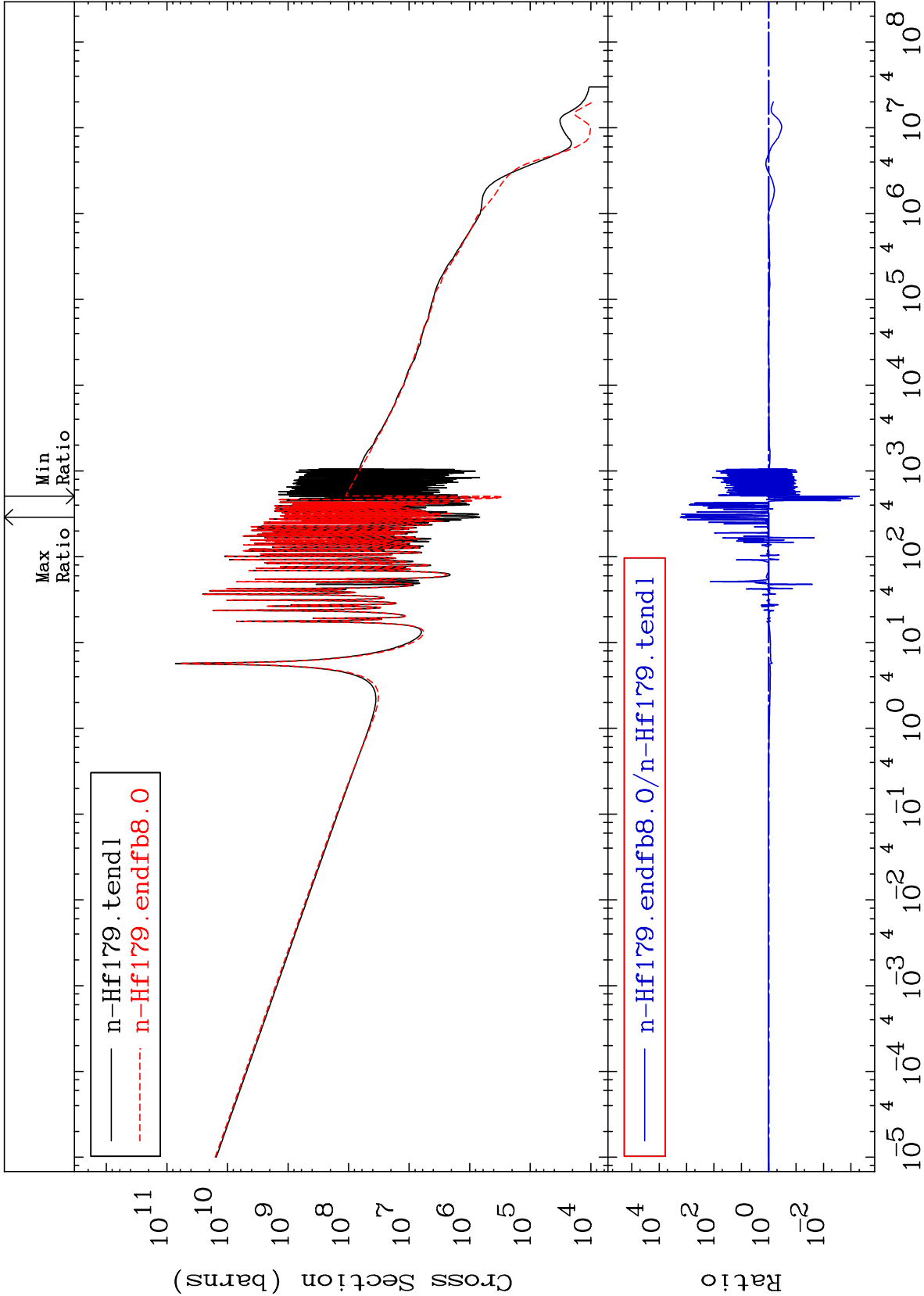


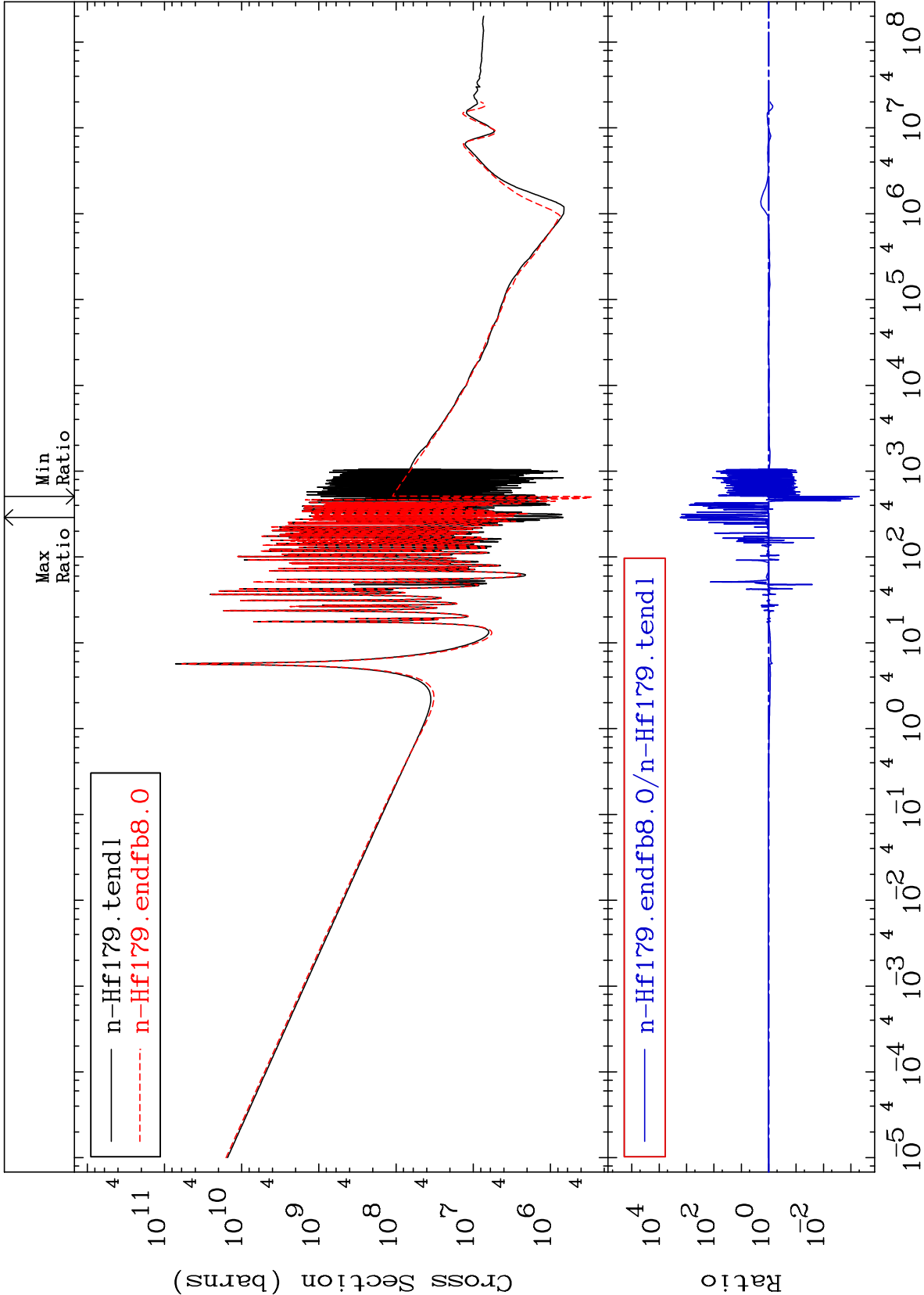


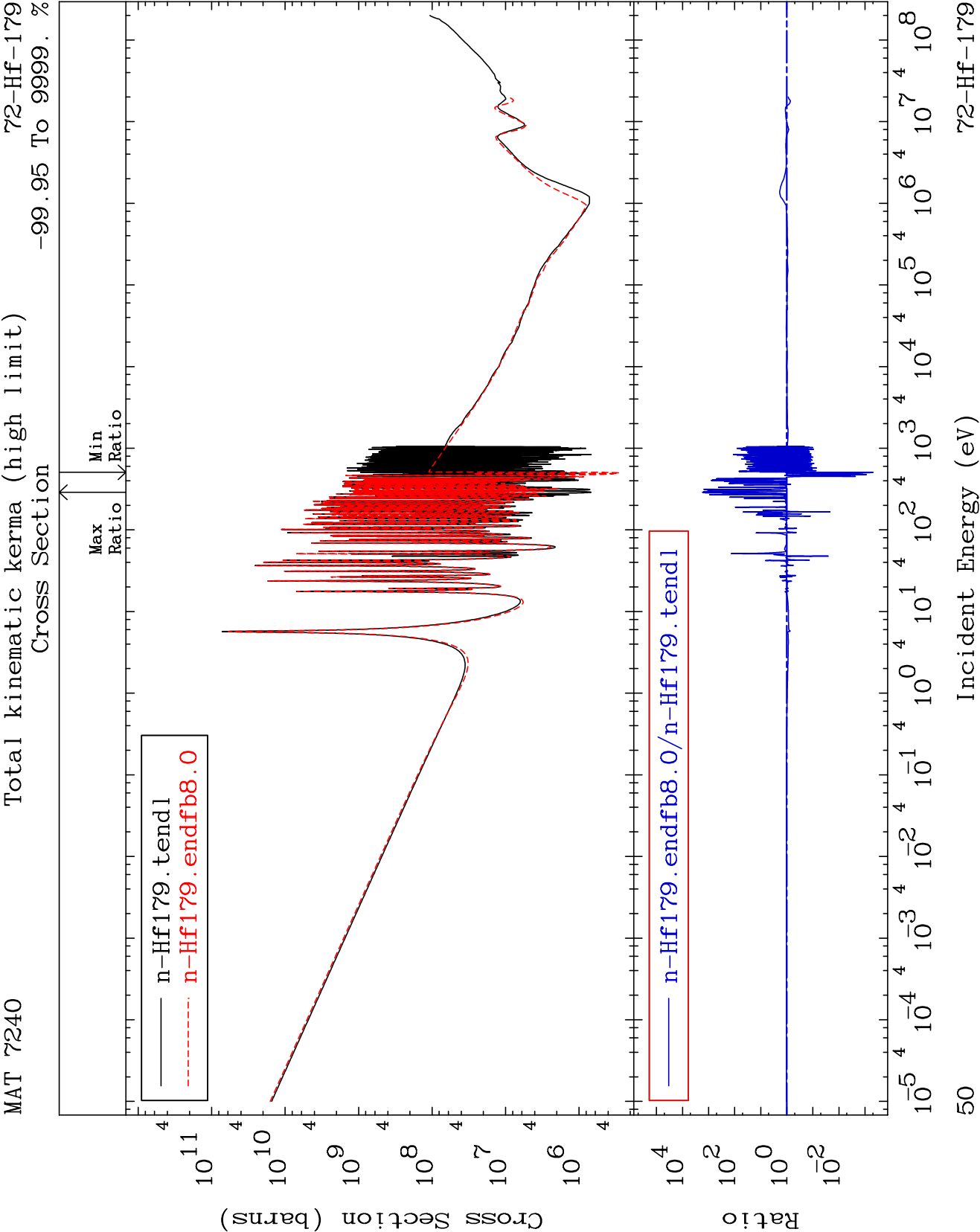


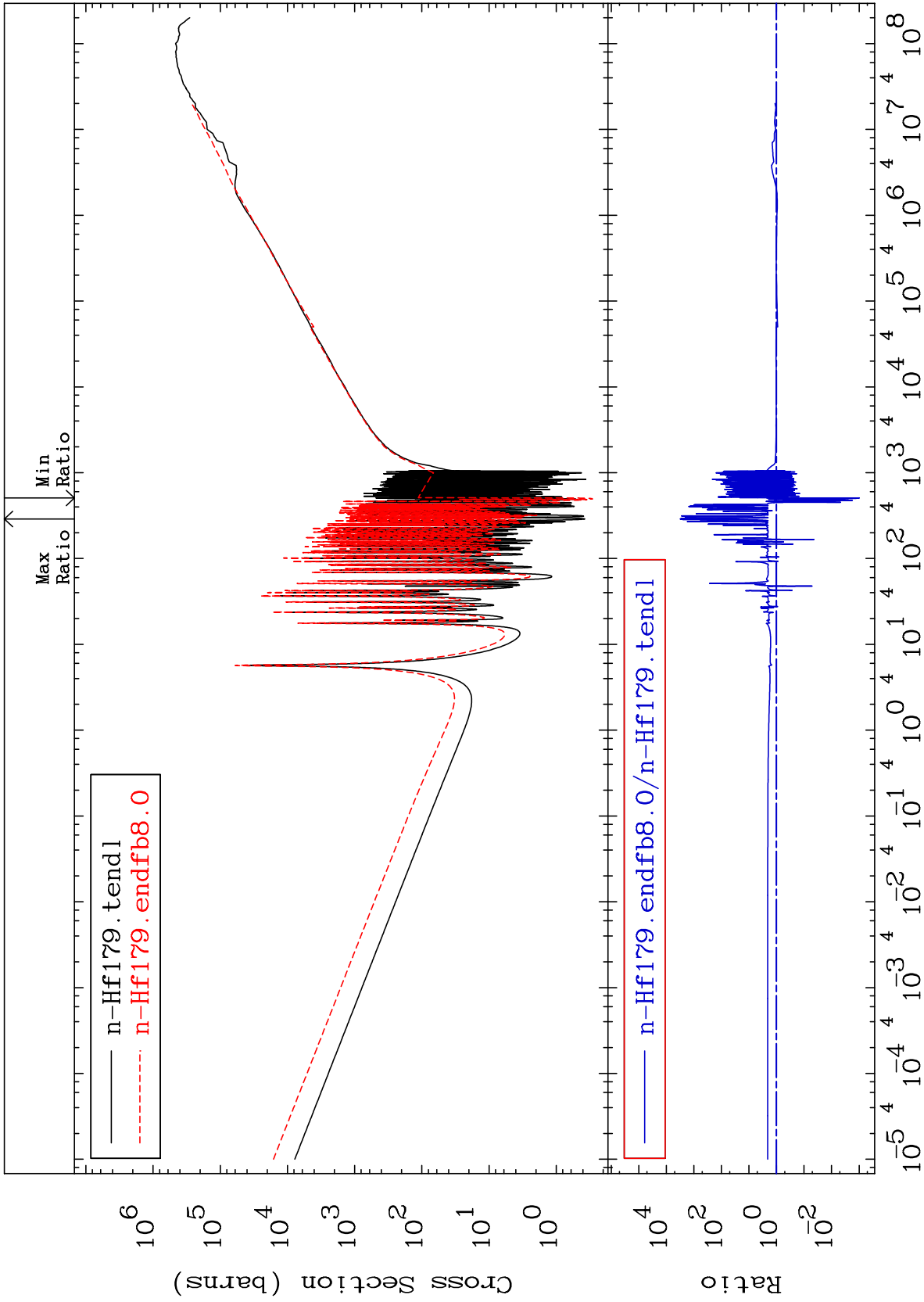


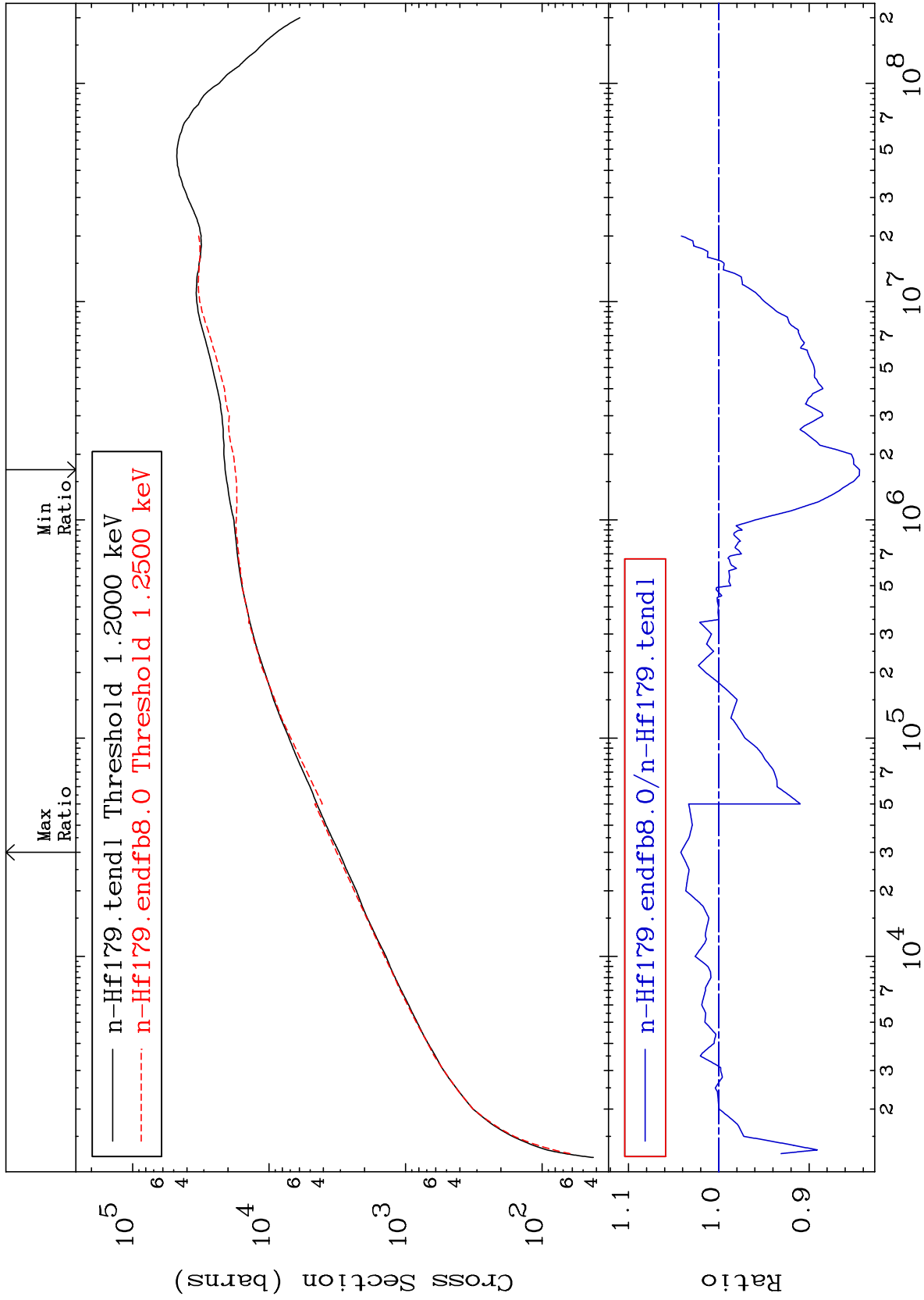












Cross Section

-4.178 To 264.0 %

