

Program EVALPLOT
(Version 2018-1)

by

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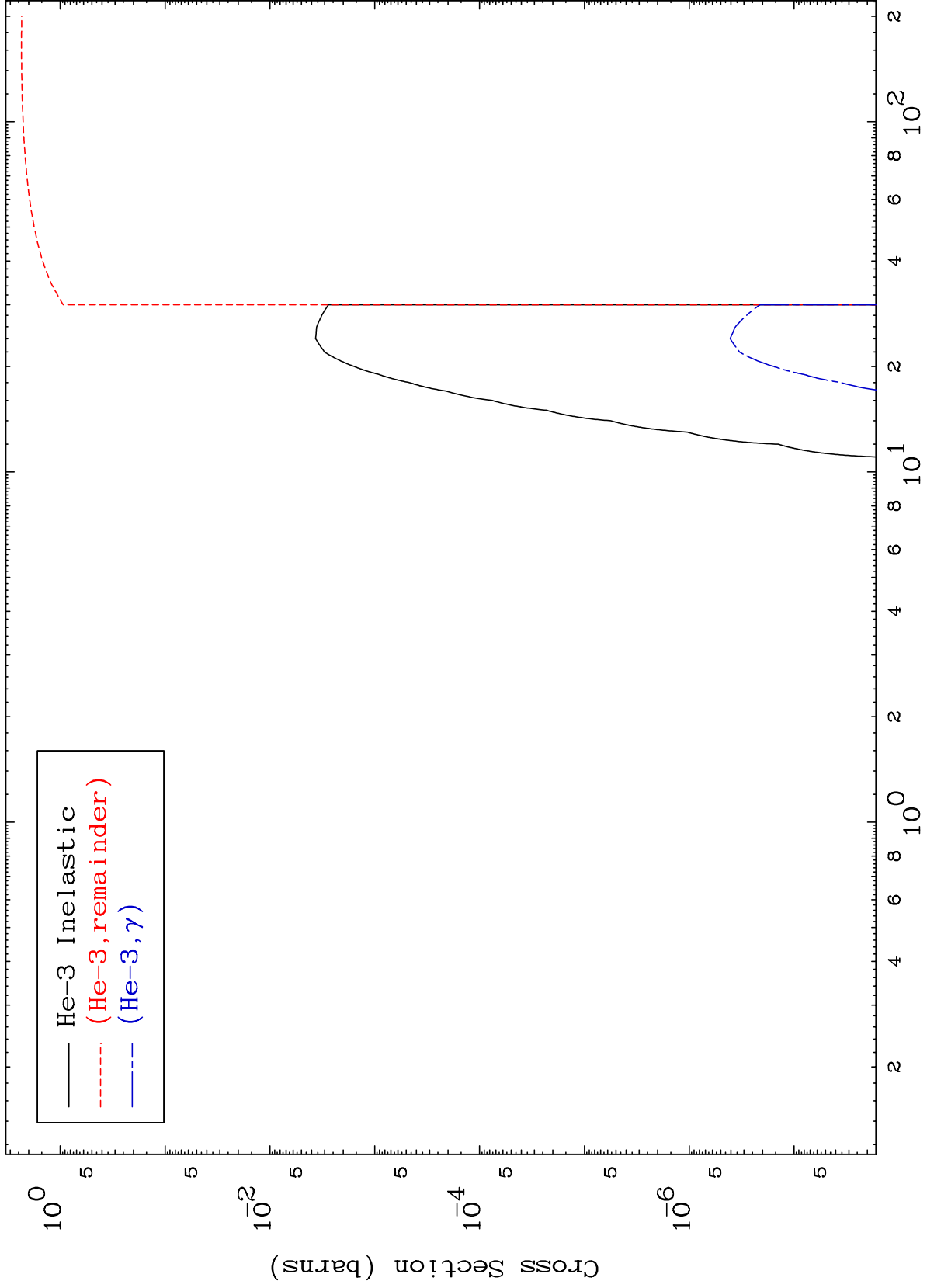
Press Mouse Button to Start

MAT 7901

He-3 Major

79-Au-189

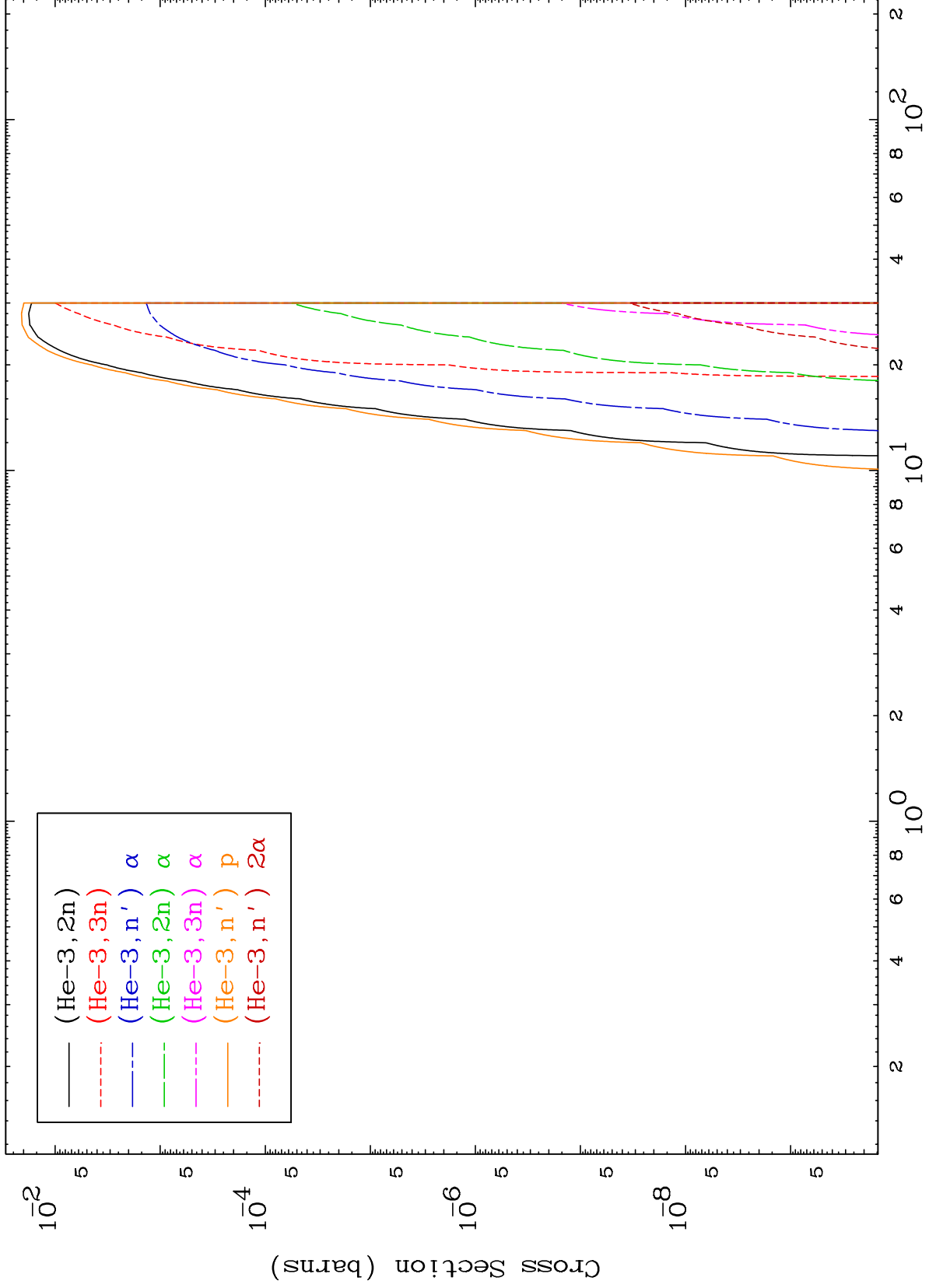
0 Kelvin Cross Sections

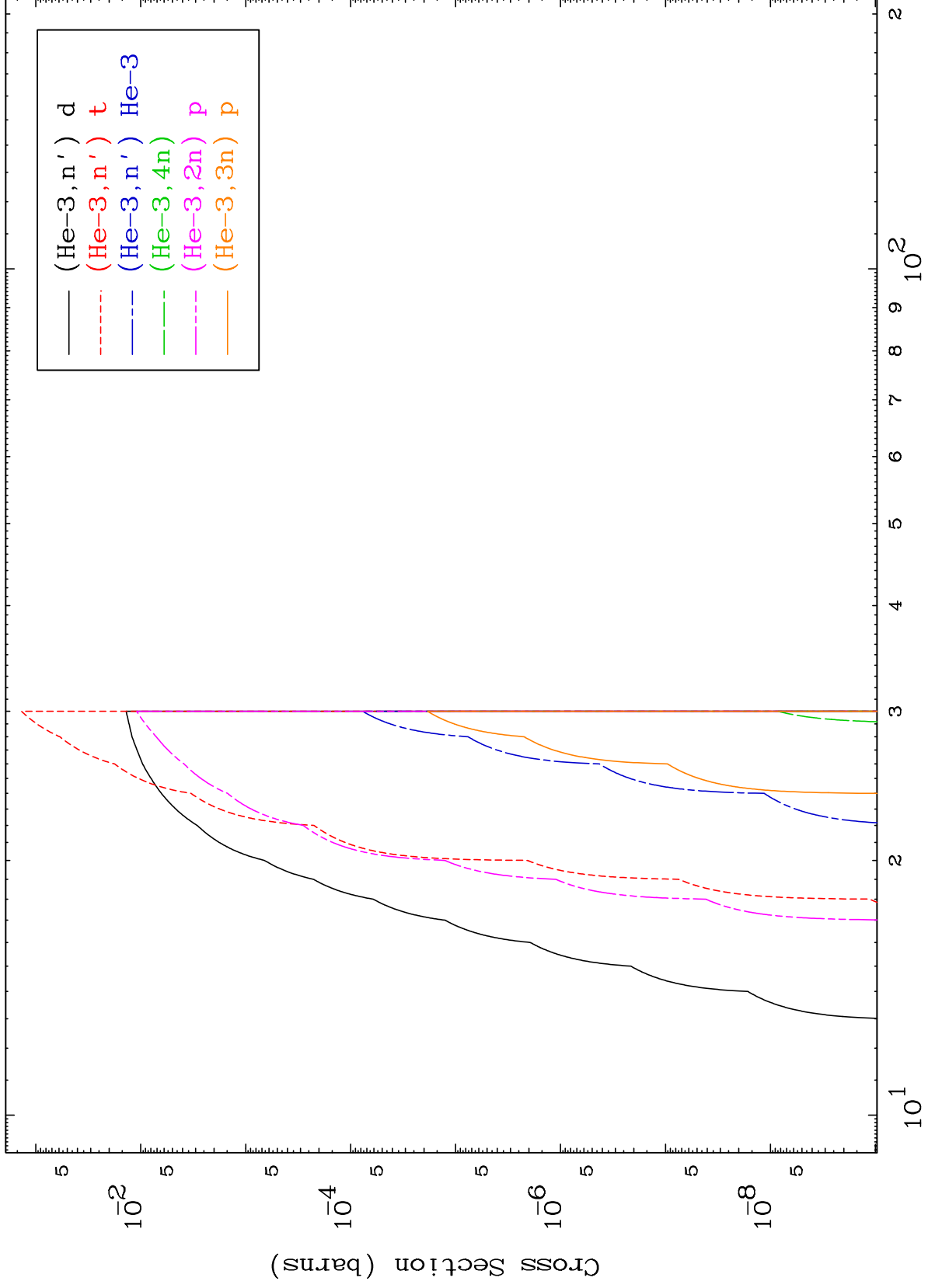


MAT 7901

He-3 Neutron Production
0 Kelvin Cross Sections

79-Au-189

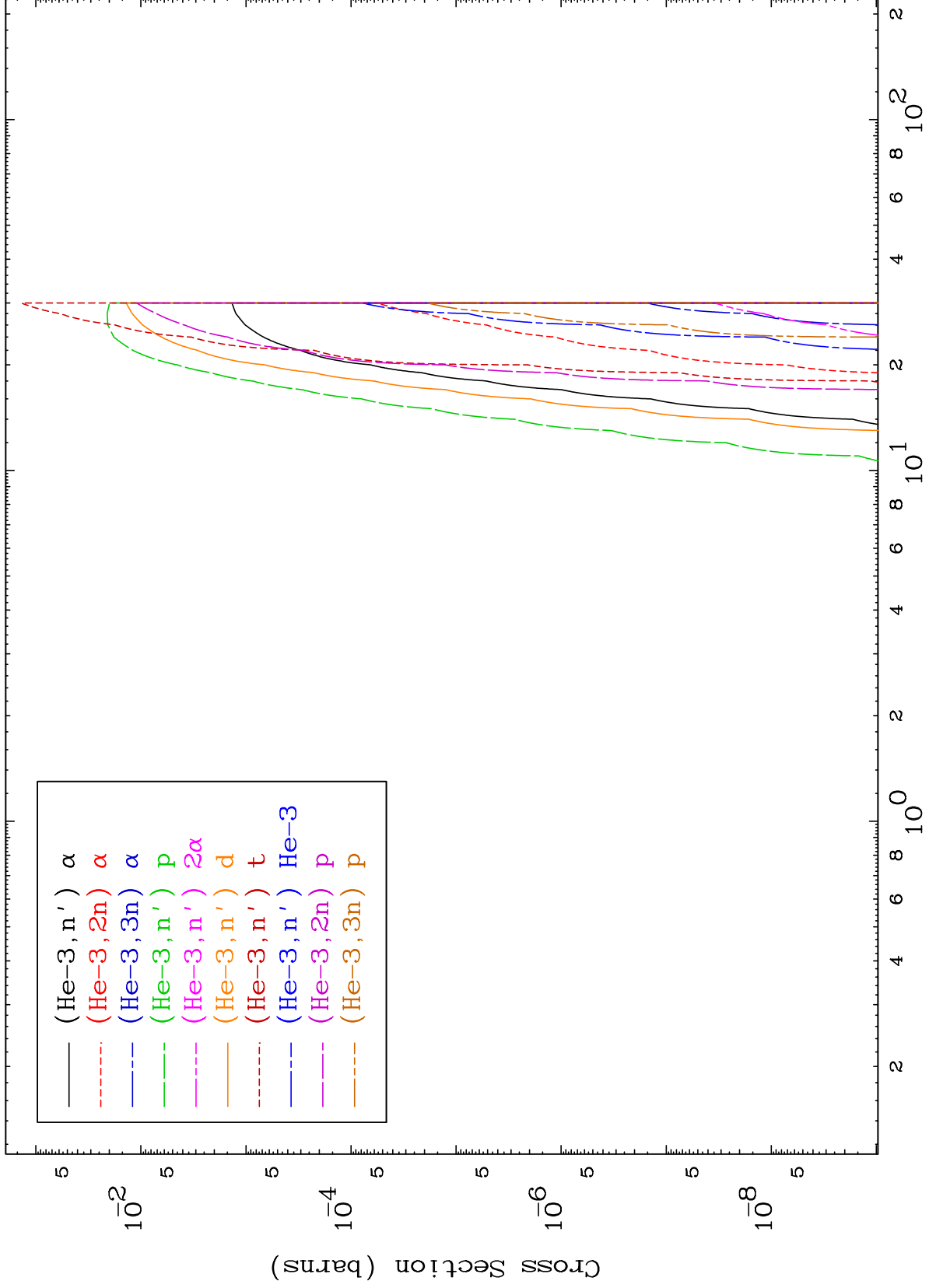


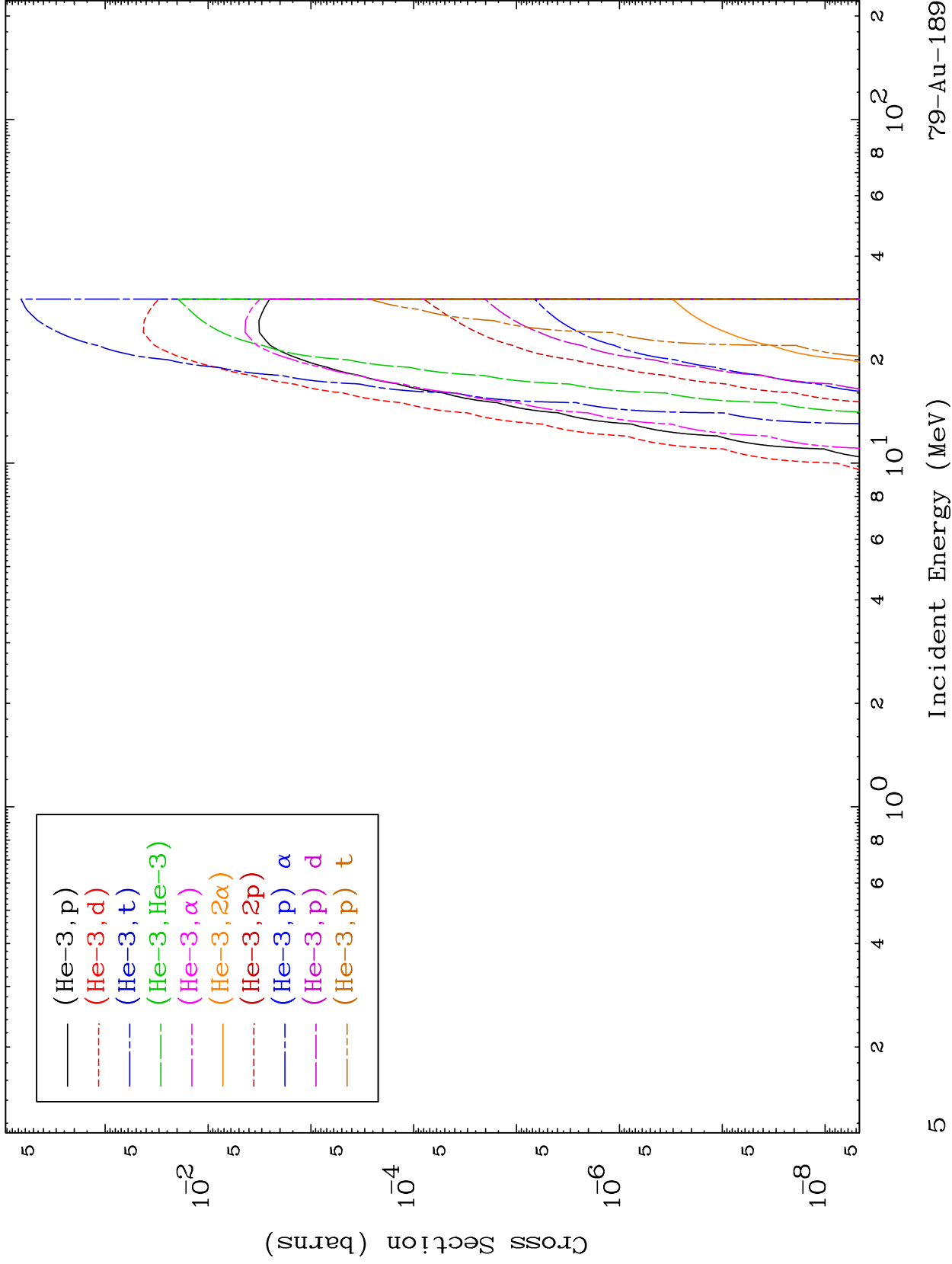


MAT 7901

He-3 Charged Particle
0 Kelvin Cross Sections

79-Au-189



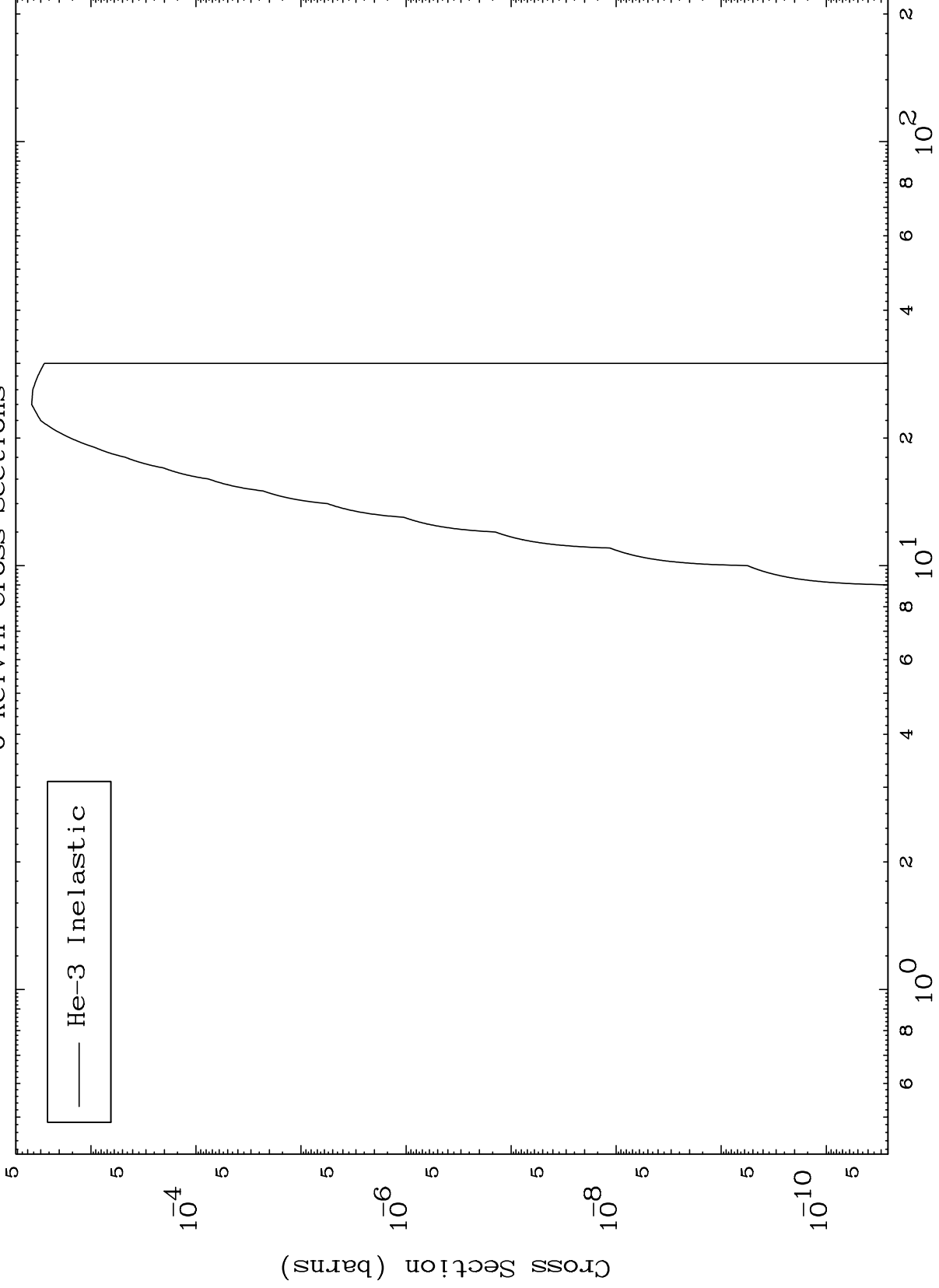


MAT 7901

(He-3, n') Level

79-Au-189

0 Kelvin Cross Sections



6

Incident Energy (MeV)

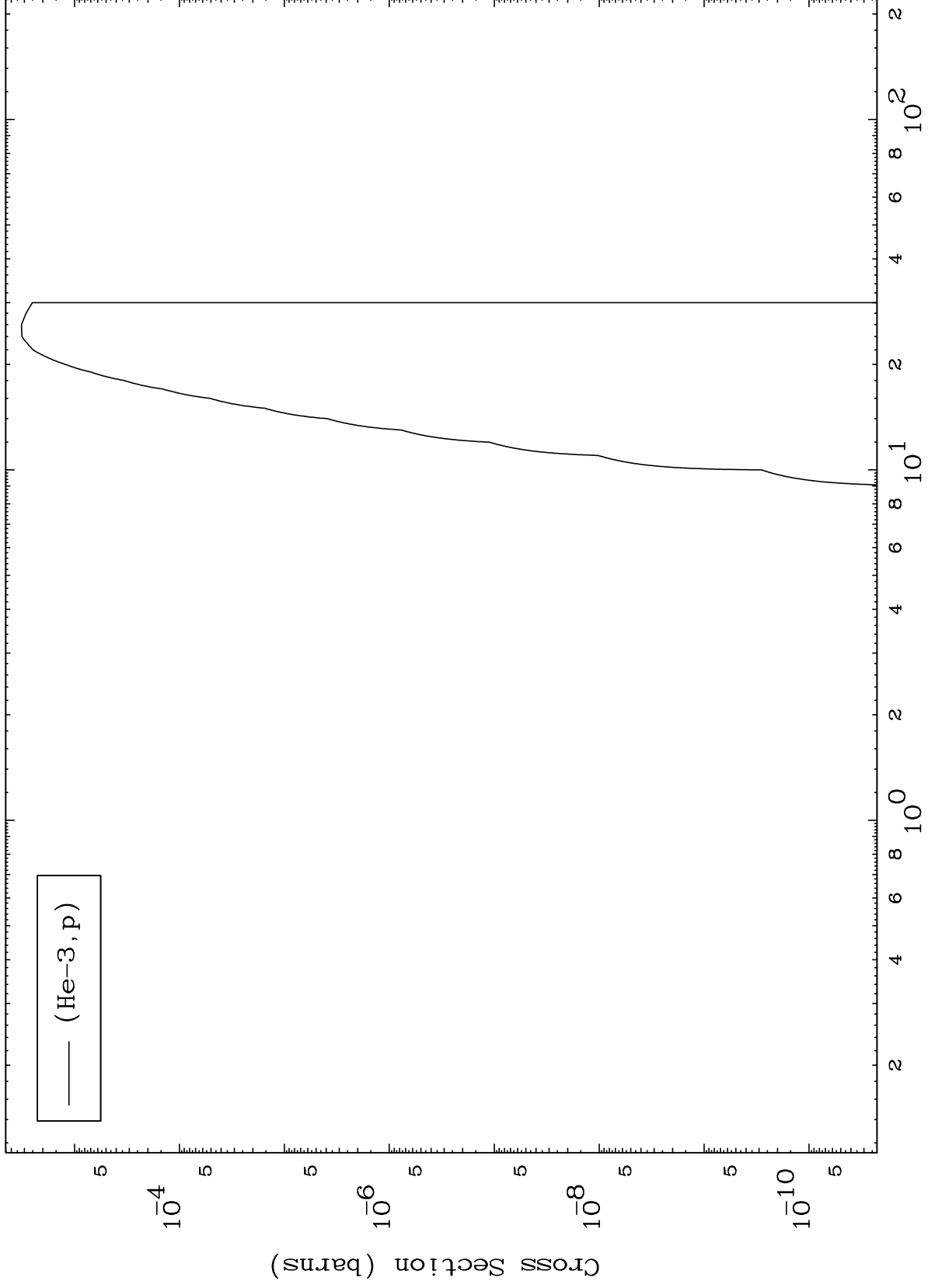
79-Au-189

MAT 7901

(He-3,p) Levels

79-Au-189

0 Kelvin Cross Sections

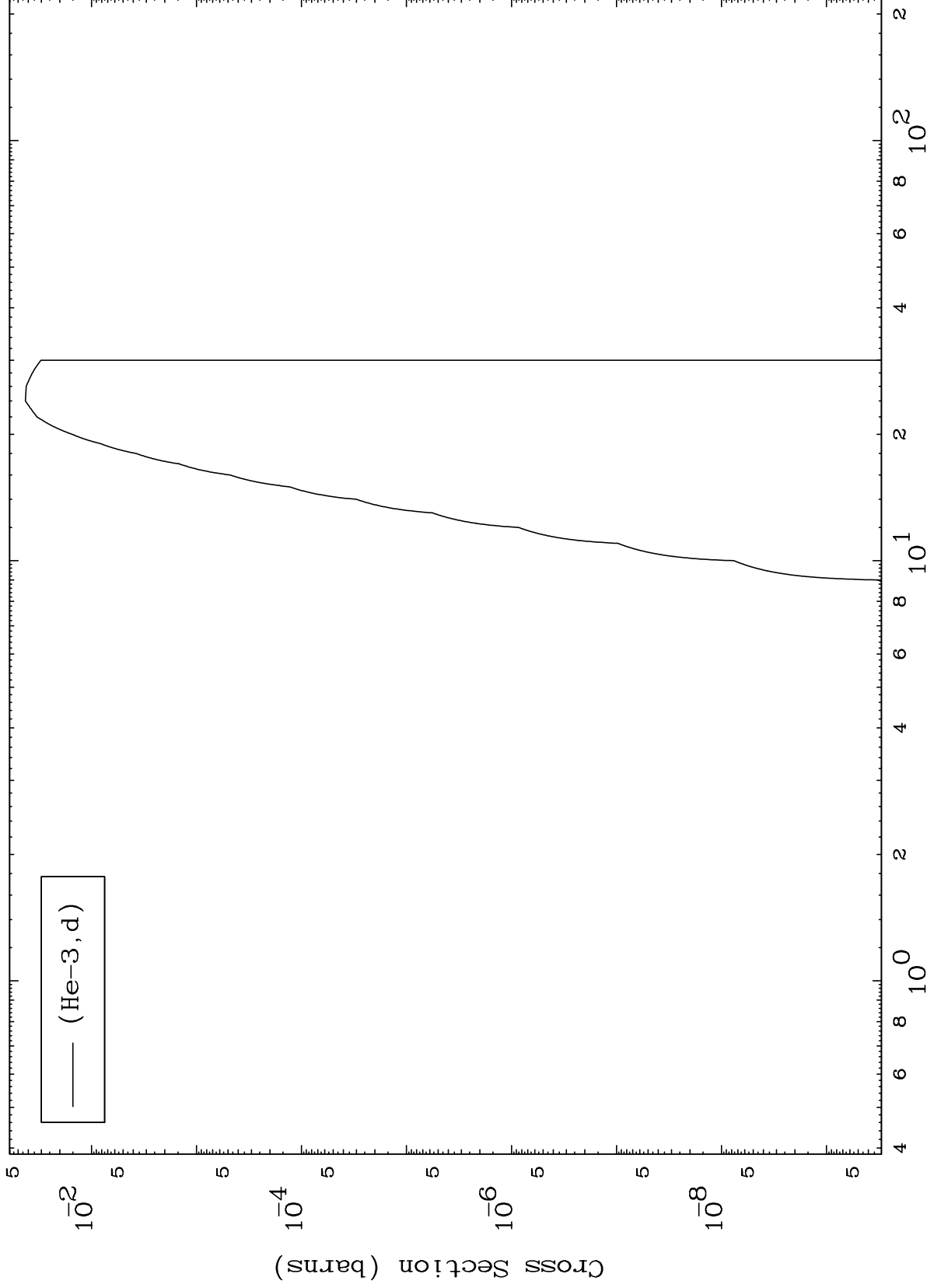


MAT 7901

(He-3, d) Levels

79-Au-189

0 Kelvin Cross Sections



(He-3, d)

8

Incident Energy (MeV)

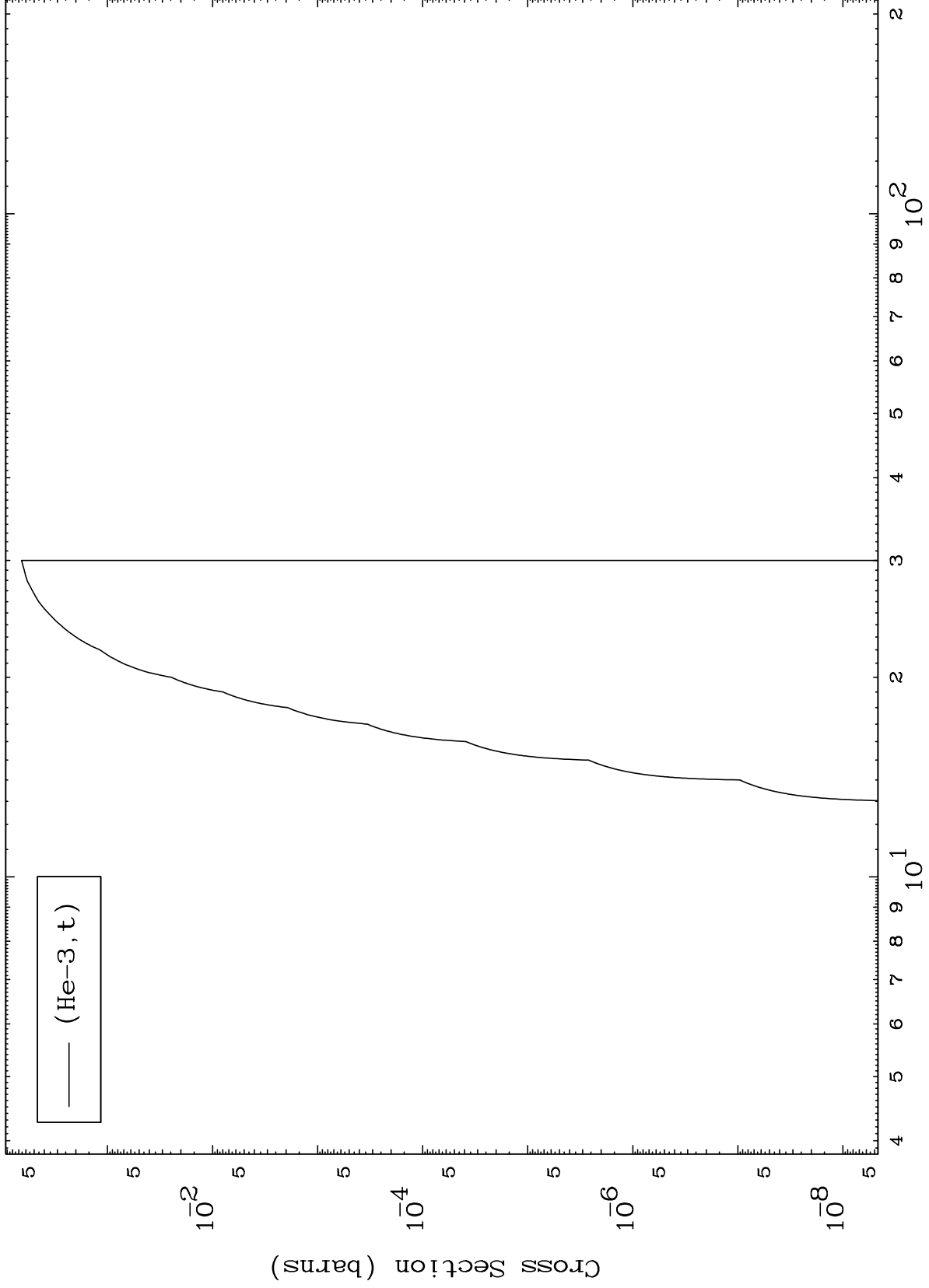
79-Au-189

MAT 7901

(He-3,t) Levels

79-Au-189

0 Kelvin Cross Sections



9

Incident Energy (MeV)

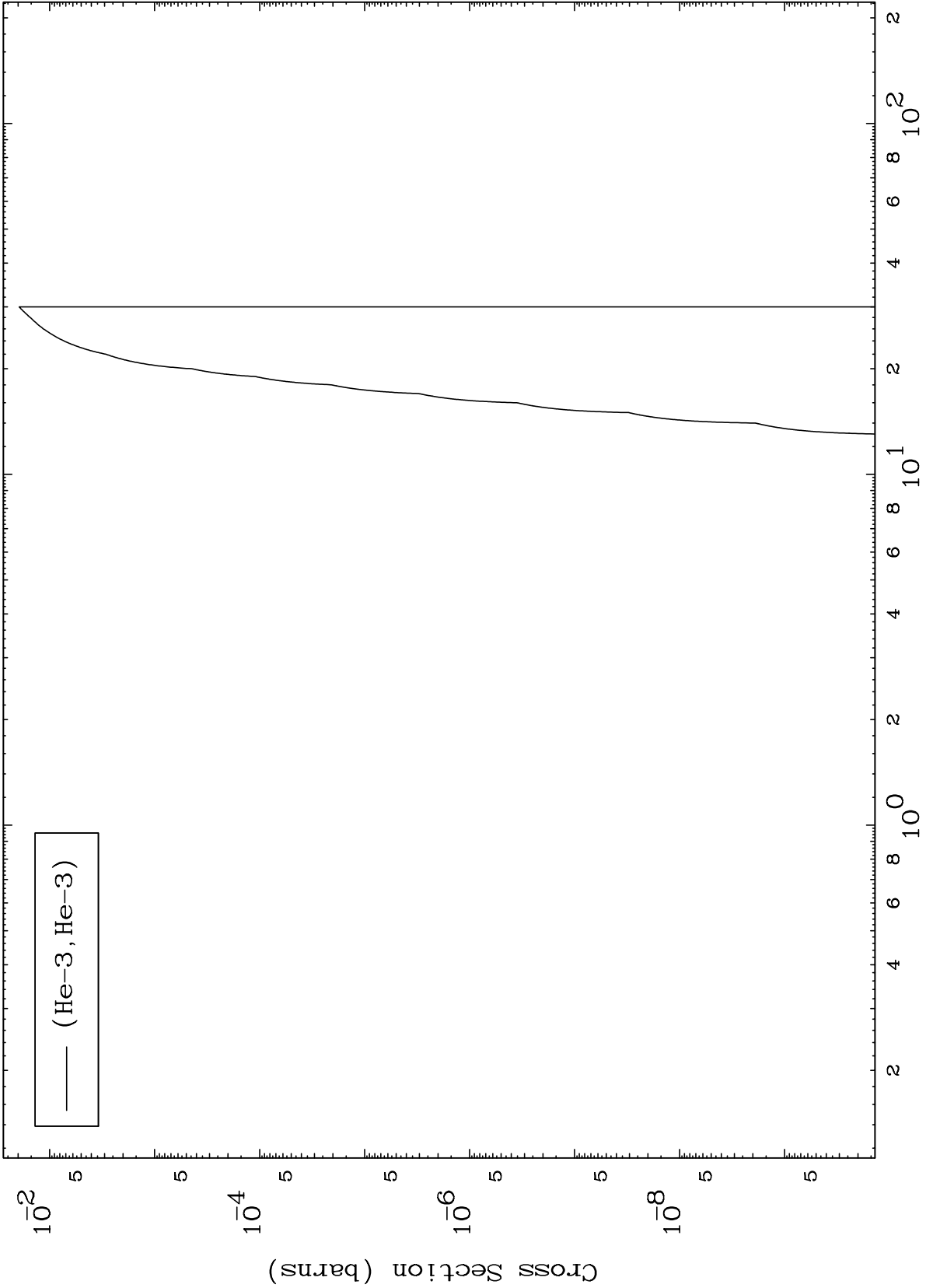
79-Au-189

MAT 7901

(He-3, He3) Levels

79-Au-189

0 Kelvin Cross Sections



(He-3, He-3)

10

Incident Energy (MeV)

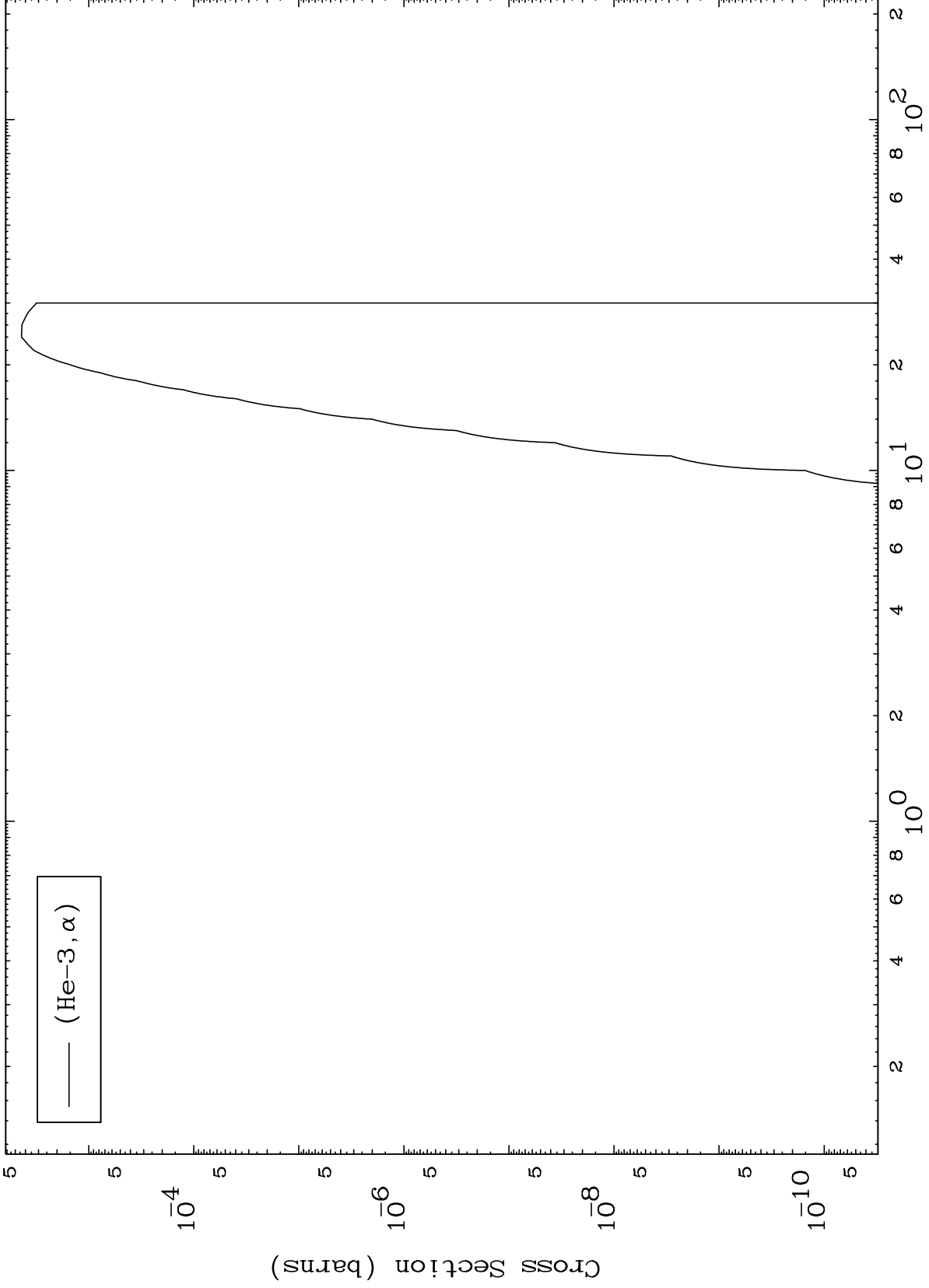
79-Au-189

MAT 7901

(He-3, α) Levels

79-Au-189

0 Kelvin Cross Sections

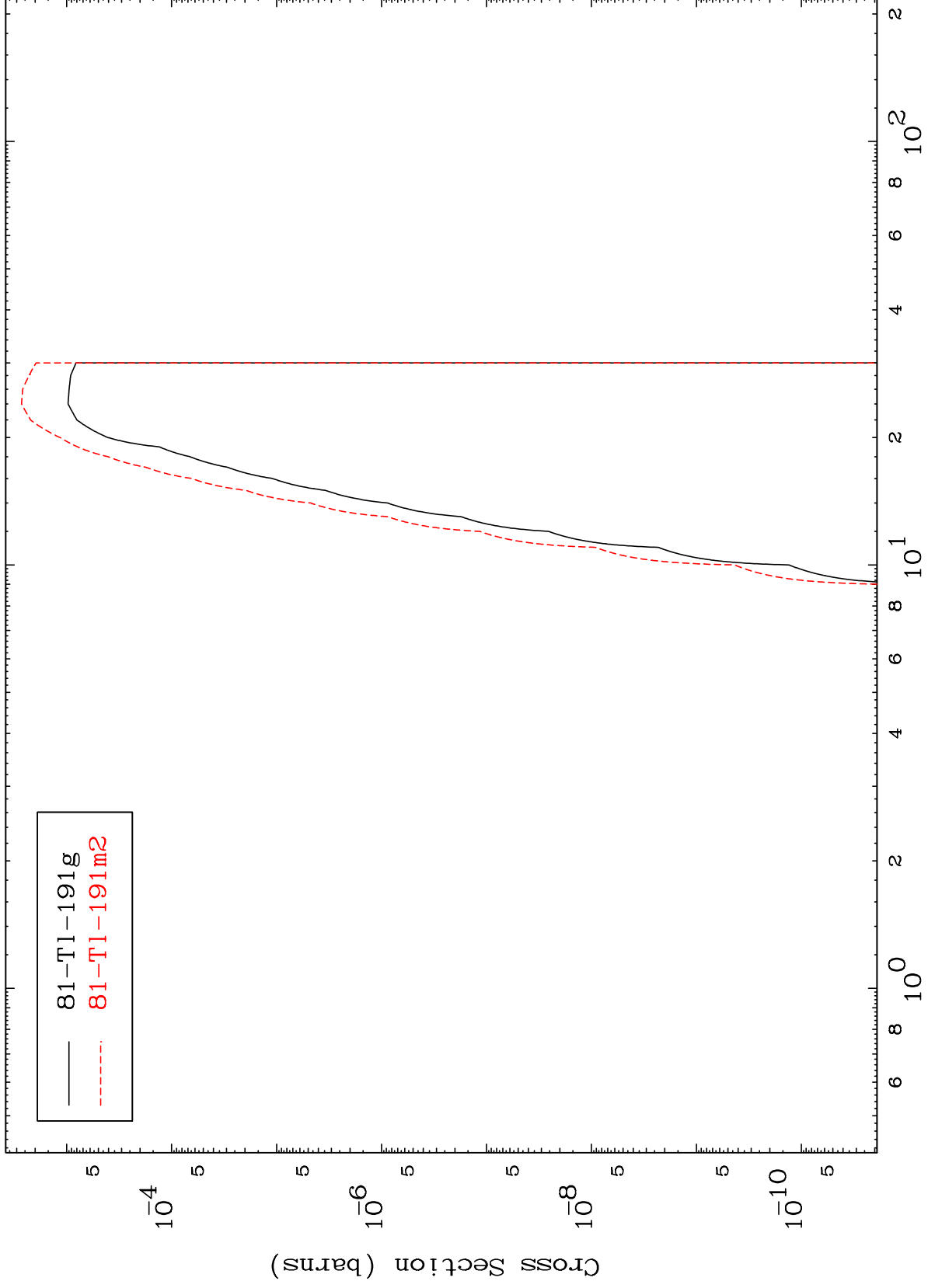


MAT 7901

He-3 Inelastic

79-Au-189

Radionuclide Production Cross Section

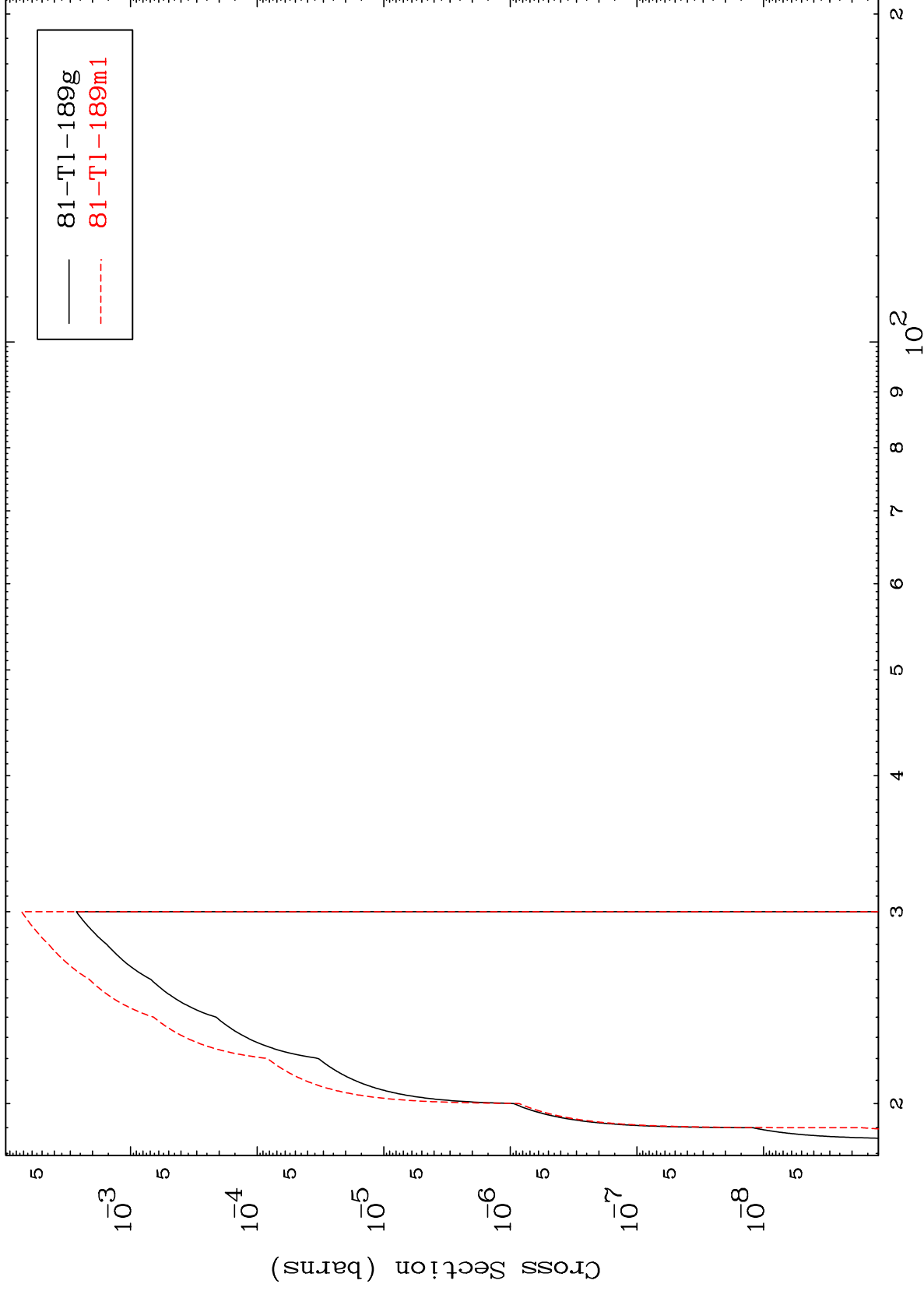


12

Incident Energy (MeV)

79-Au-189

Radionuclide Production Cross Section

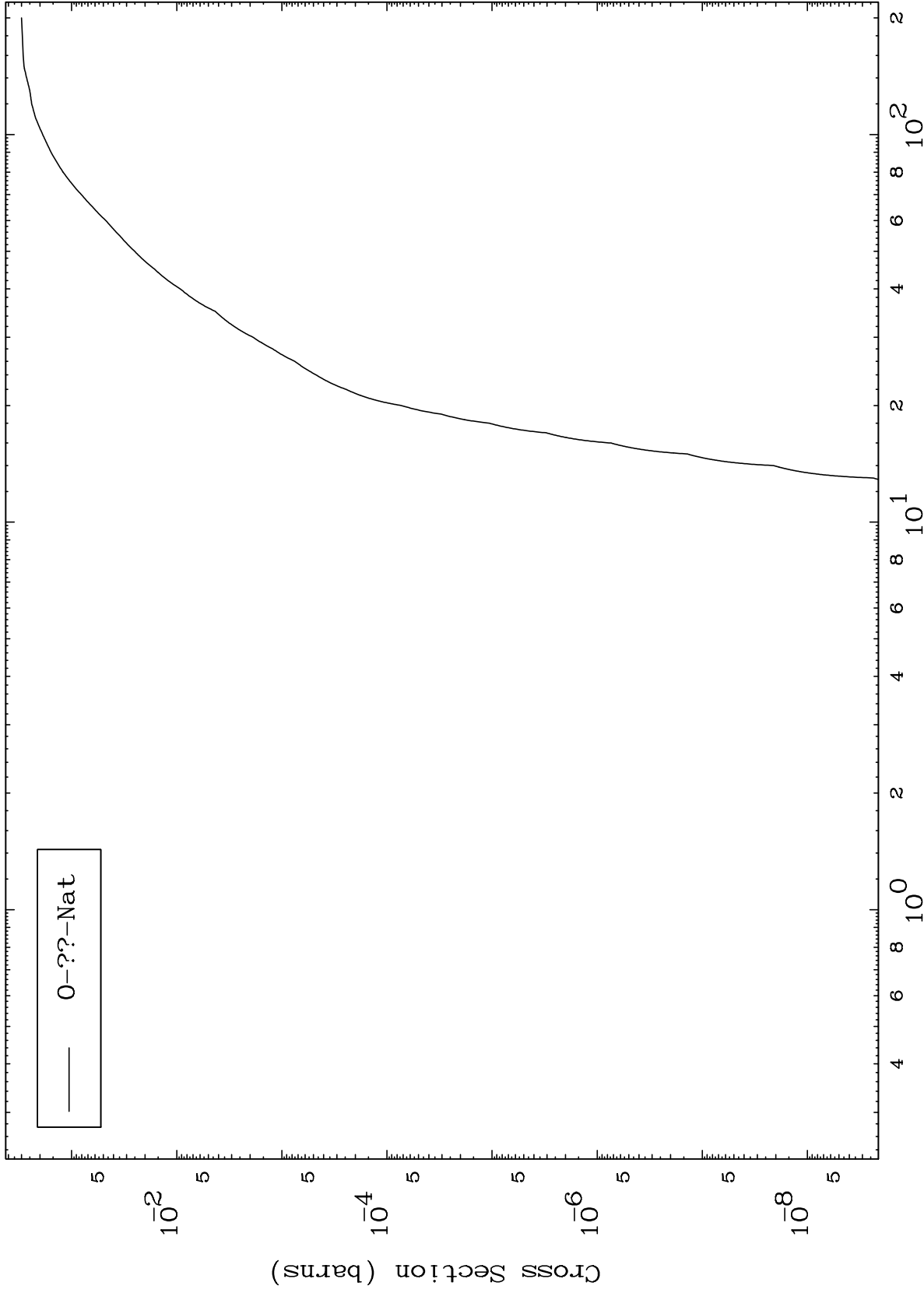


MAT 7901

He-3 Fission

79-Au-189

Radionuclide Production Cross Section



14

Incident Energy (MeV)

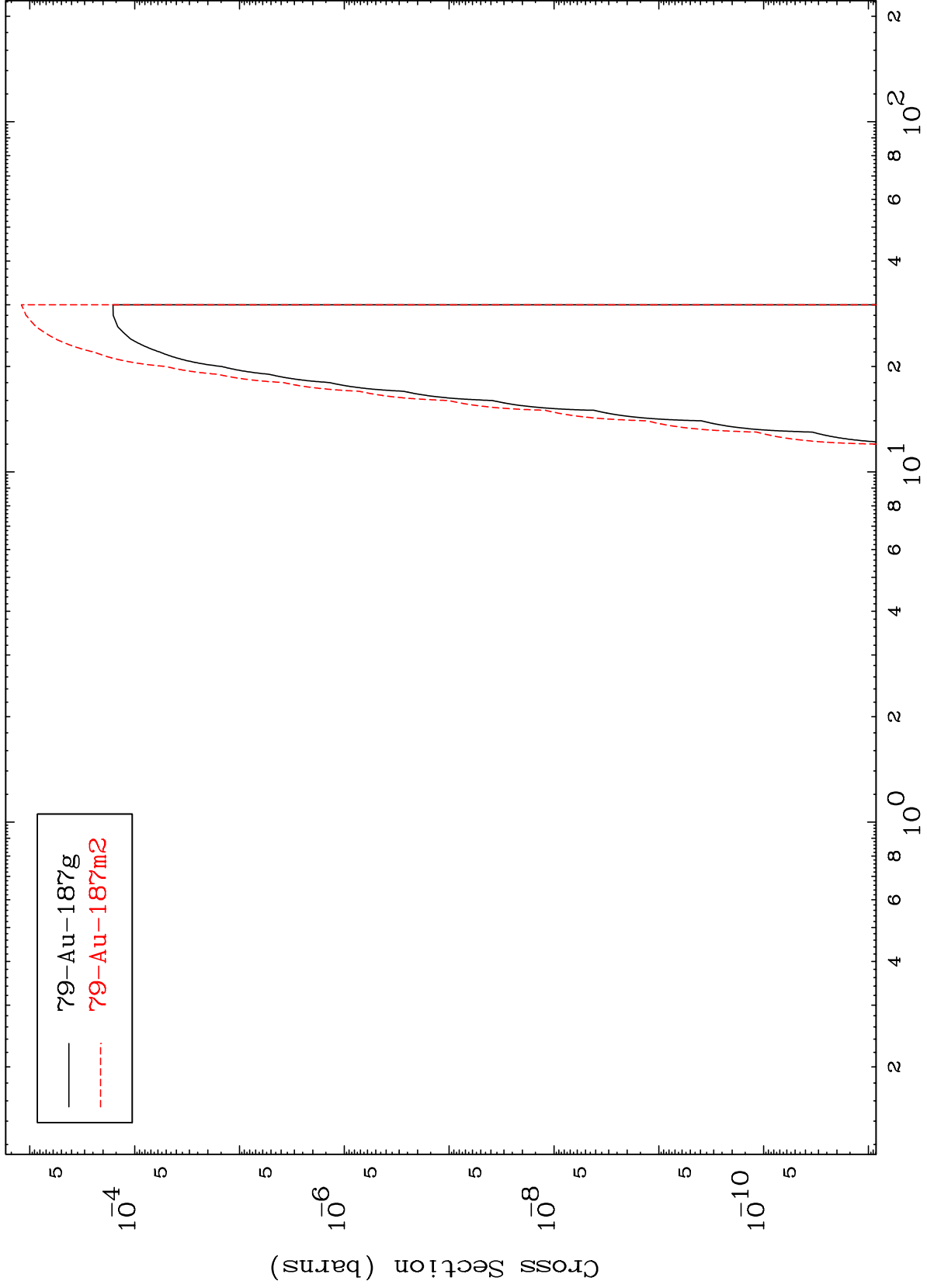
79-Au-189

MAT 7901

(He-3, n') α

79-Au-189

Radionuclide Production Cross Section



15

Incident Energy (MeV)

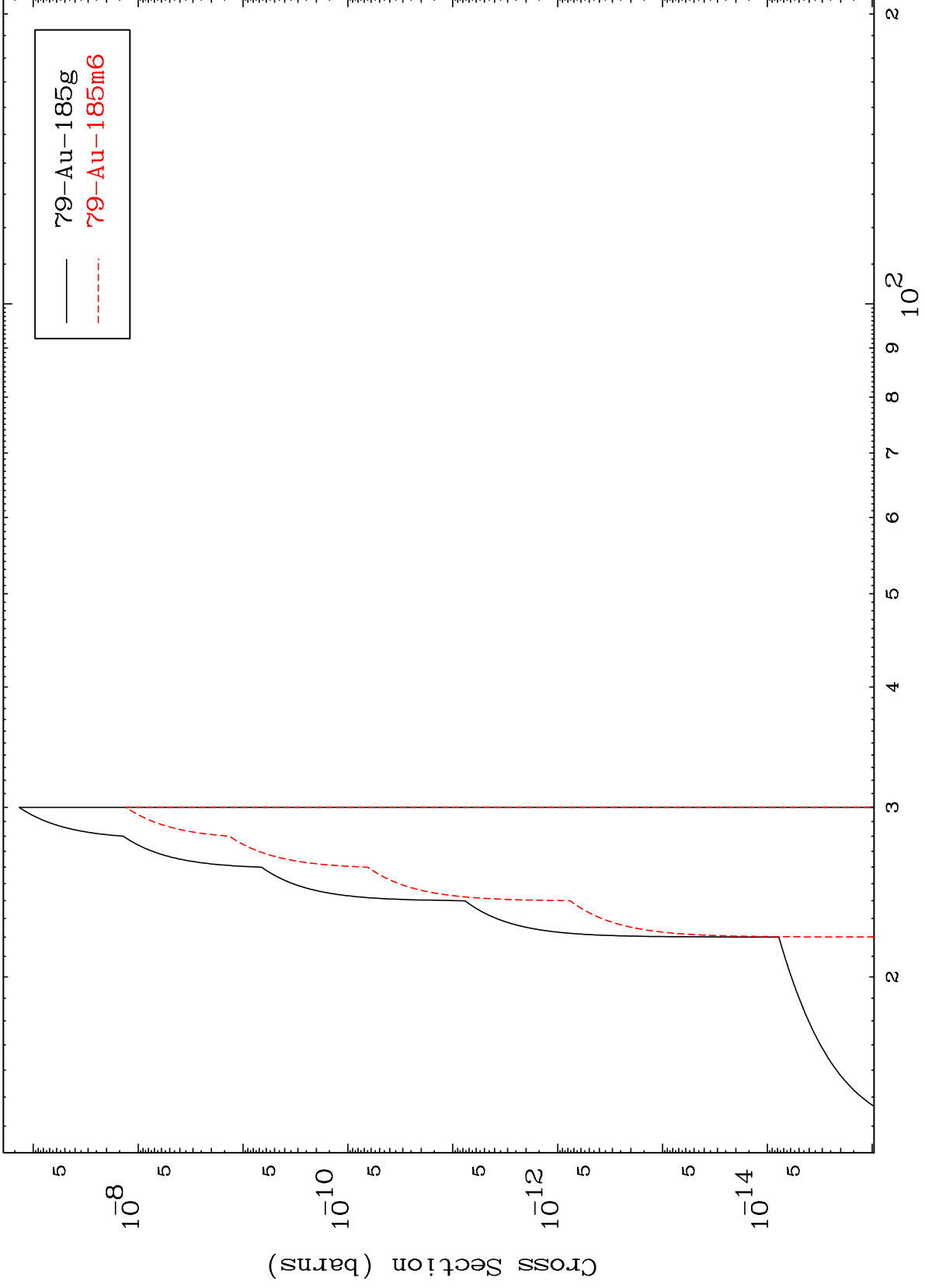
79-Au-189

MAT 7901

(He-3,3n) α

79-Au-189

Radionuclide Production Cross Section



16

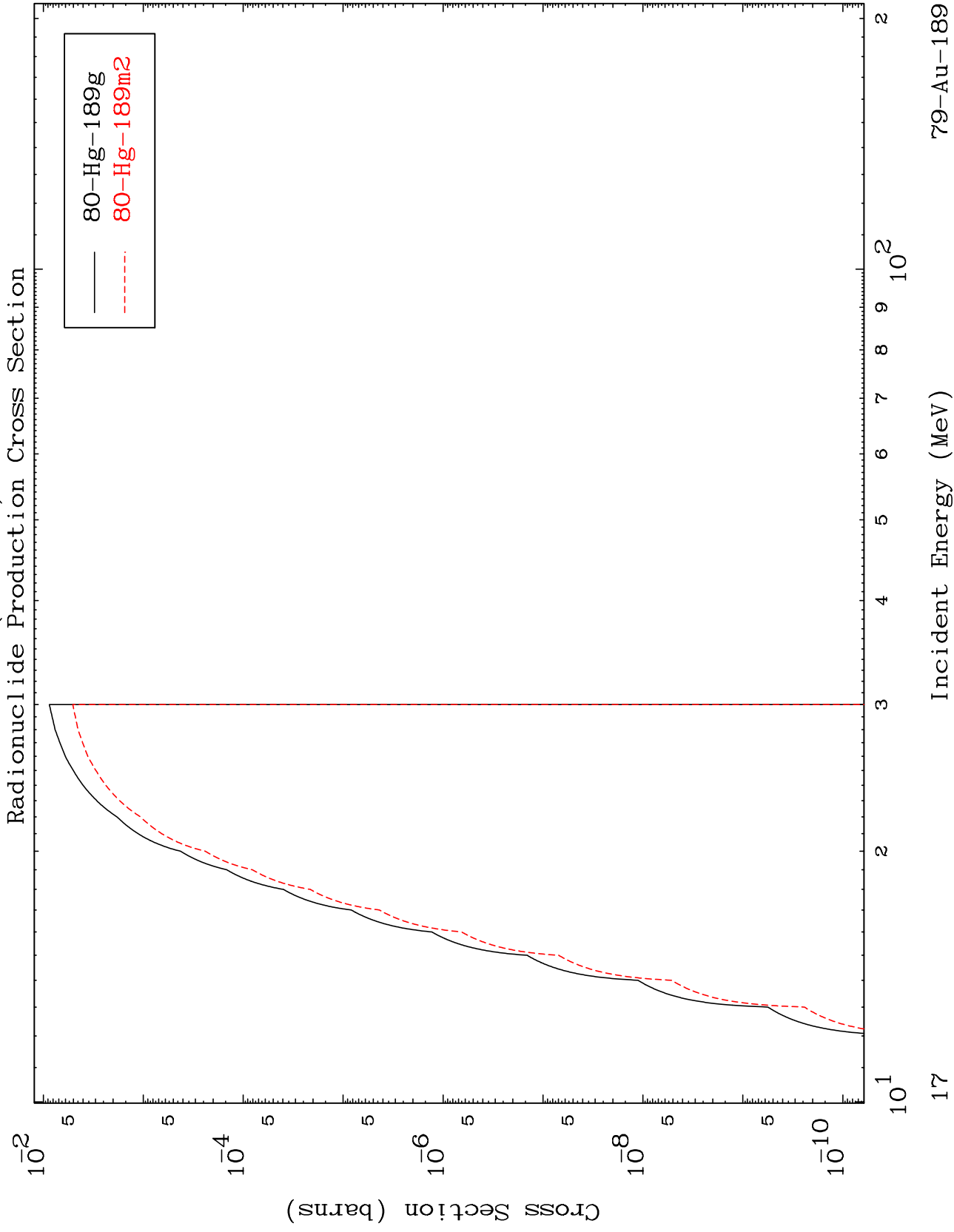
Incident Energy (MeV)

79-Au-189

MAT 7901

(He-3, n') d

79-Au-189



MAT 7901

(He-3,4n)

79-Au-189

Radionuclide Production Cross Section

— 81-Tl-188g

X10⁴ barns

Cross Section (barns)

4.4

4.2

4.0

3.8

3

4

5

6

7

8

9

10²

10²

10²

10²

10²

10²

18

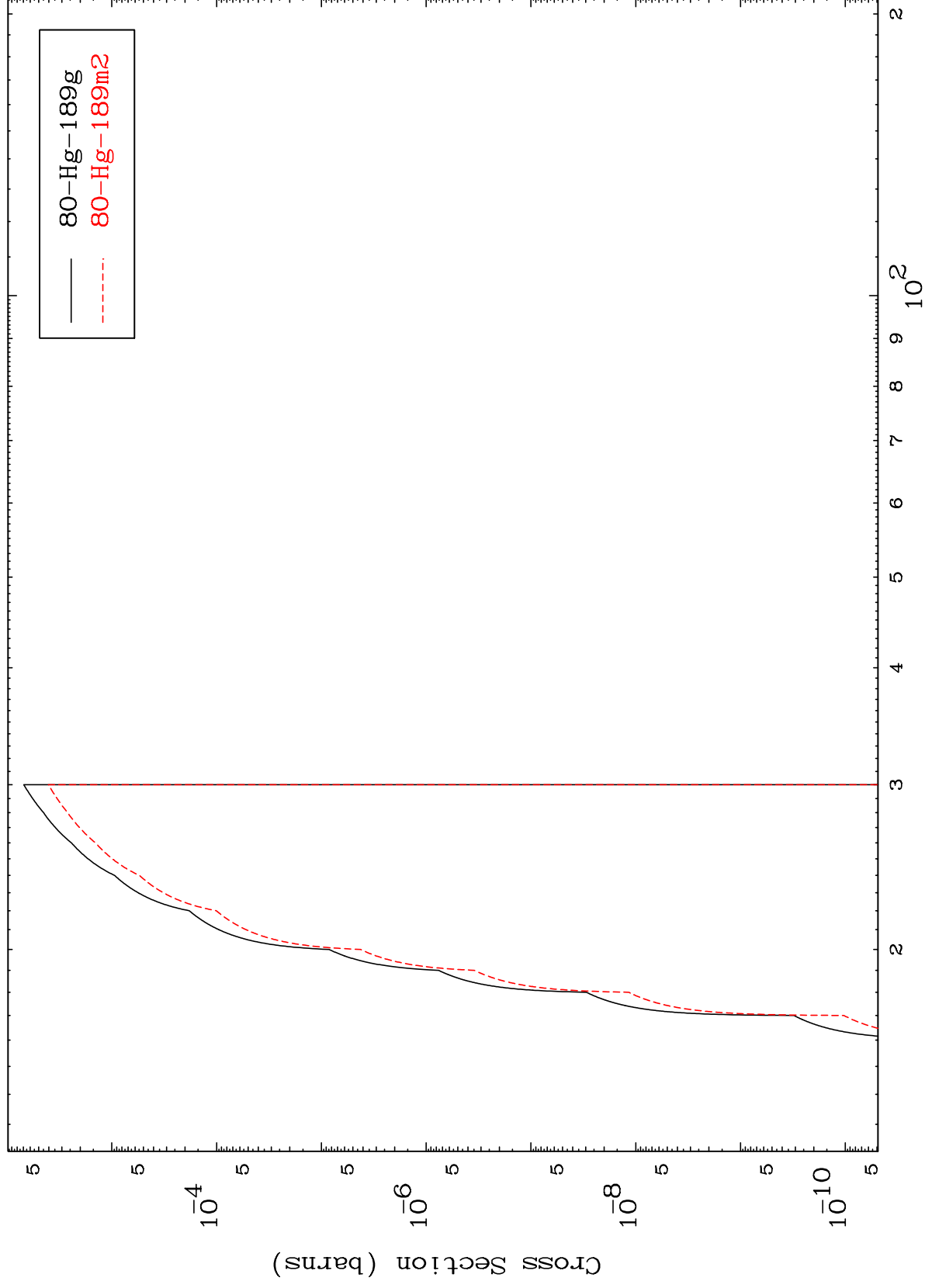
Incident Energy (MeV)

79-Au-189

MAT 7901

79-Au-189

(He-3,2n) p
Radionuclide Production Cross Section



19

Incident Energy (MeV)

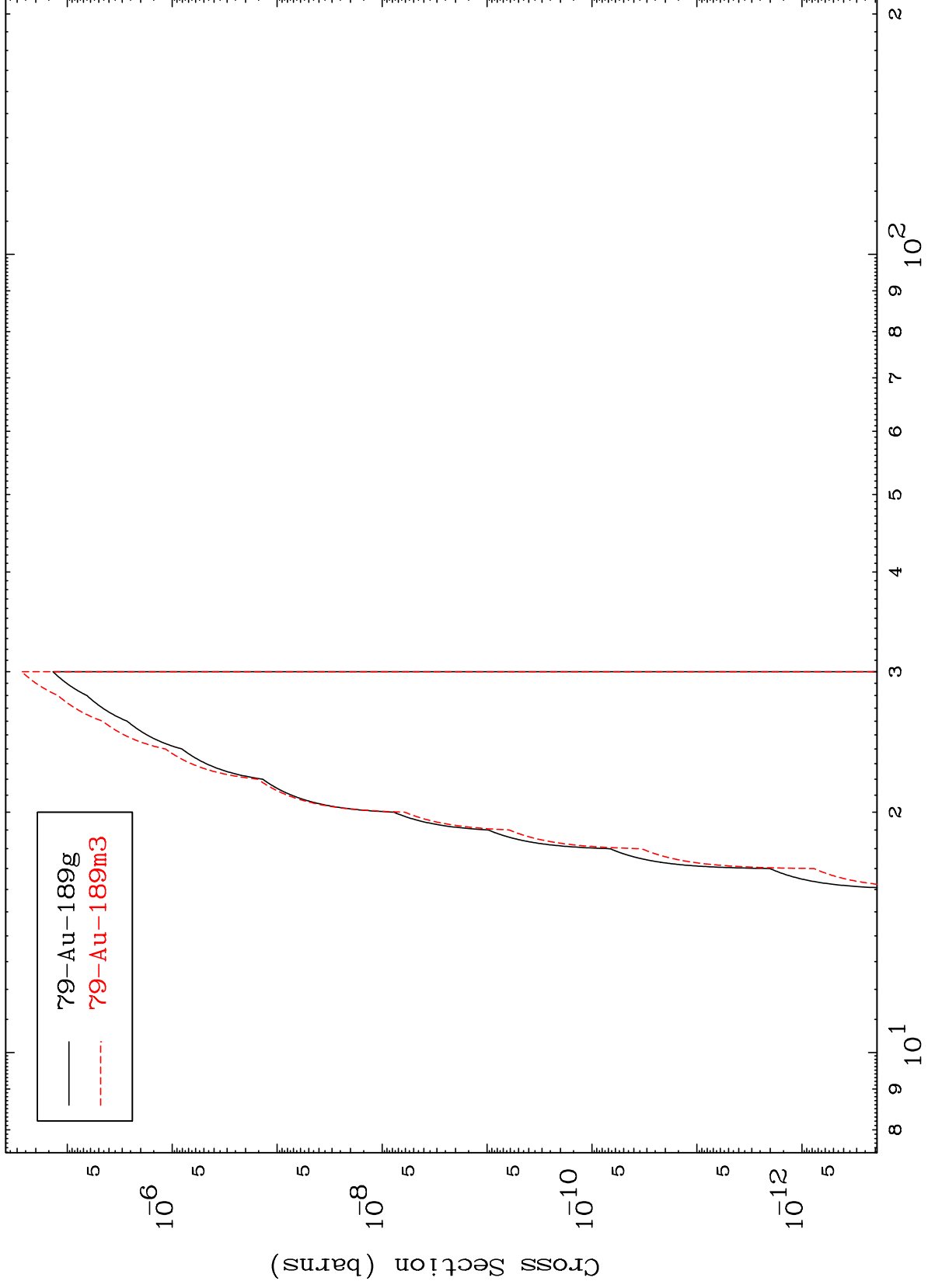
79-Au-189

MAT 7901

(He-3,2n) p

79-Au-189

Radionuclide Production Cross Section



20

Incident Energy (MeV)

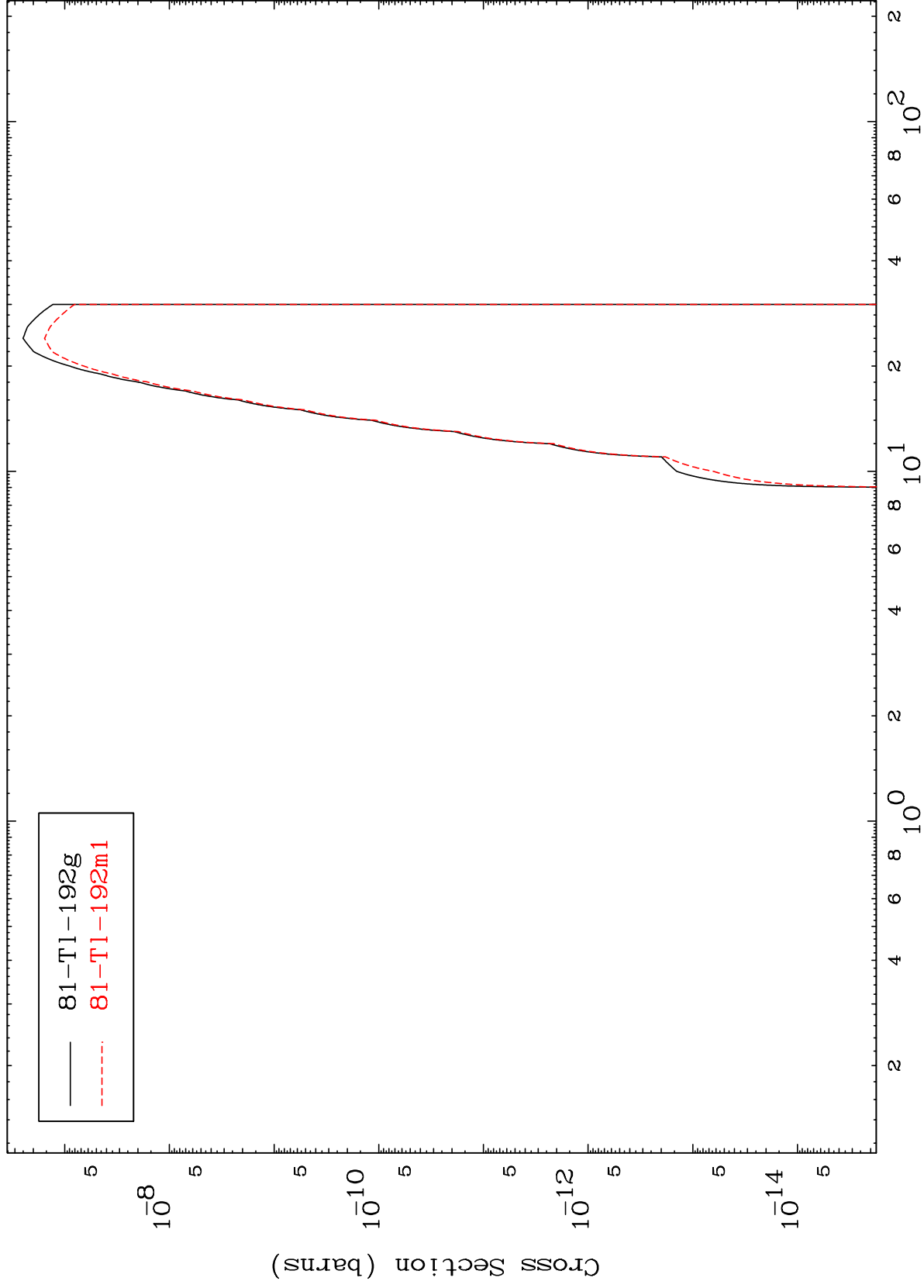
79-Au-189

MAT 7901

(He-3, γ)

79-Au-189

Radionuclide Production Cross Section



21

Incident Energy (MeV)

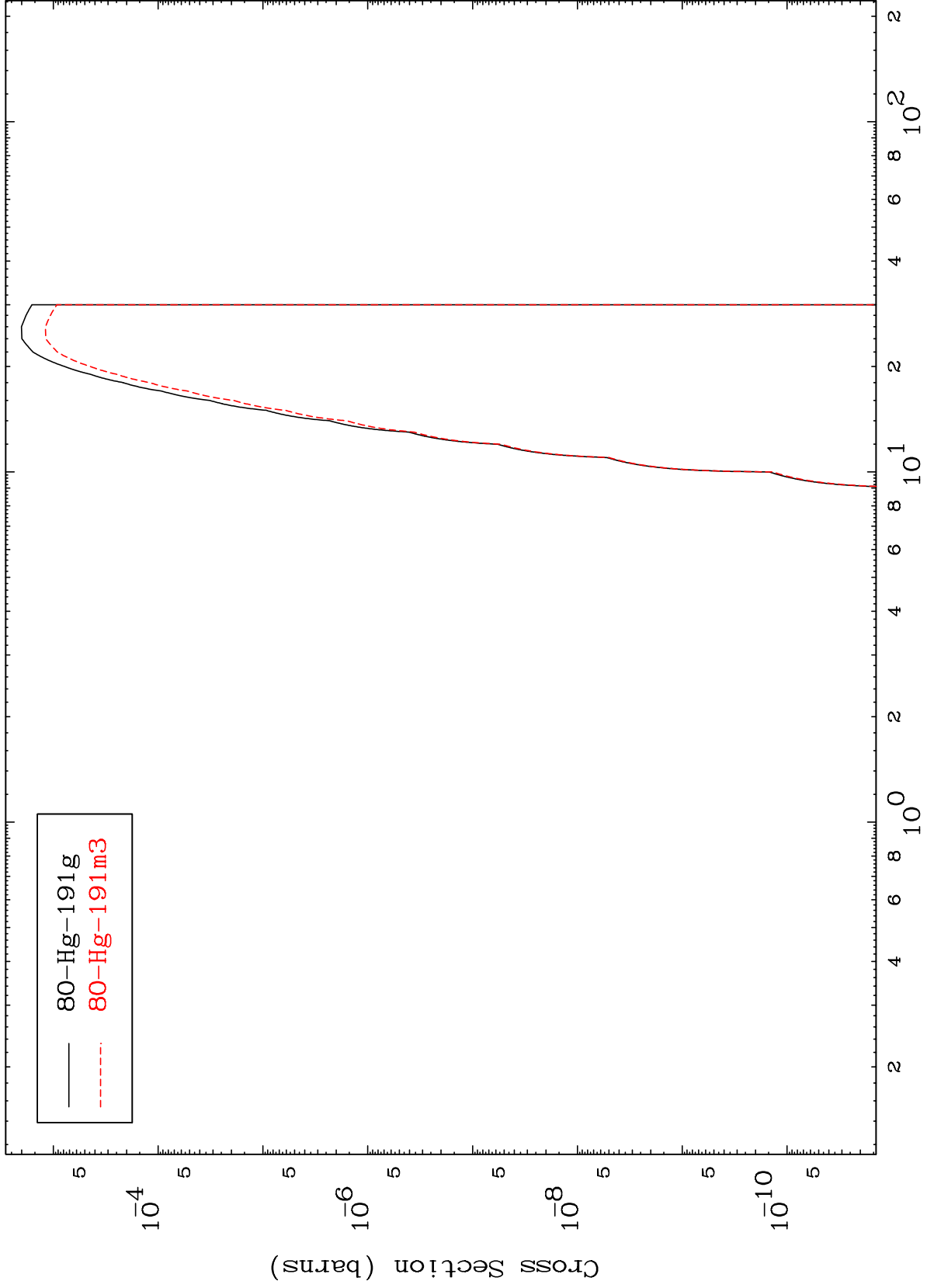
79-Au-189

MAT 7901

(He-3,p)

79-Au-189

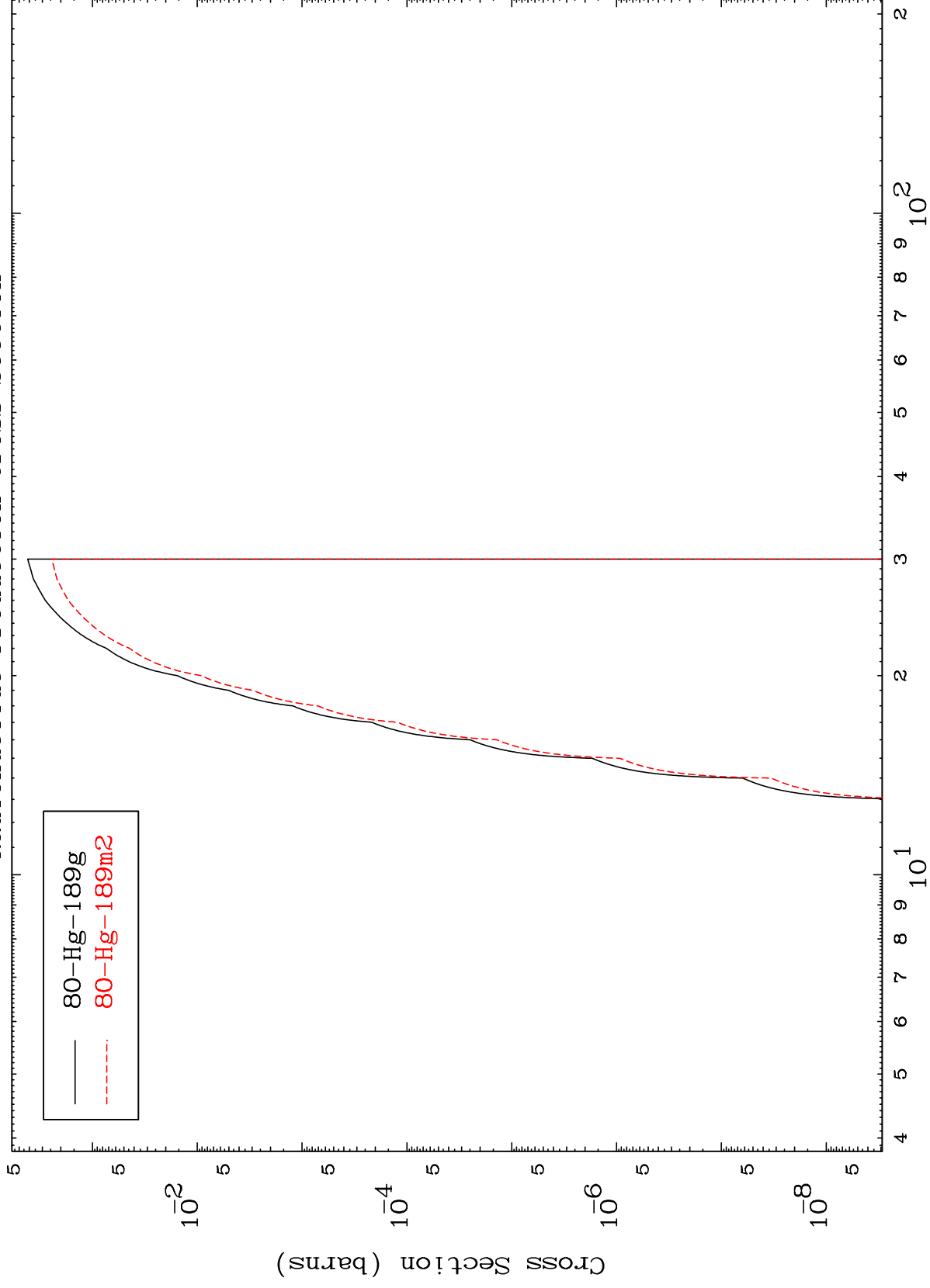
Radionuclide Production Cross Section



MAT 7901

79-Au-189

Radionuclide Production Cross Section
(He-3, t)



23

Incident Energy (MeV)

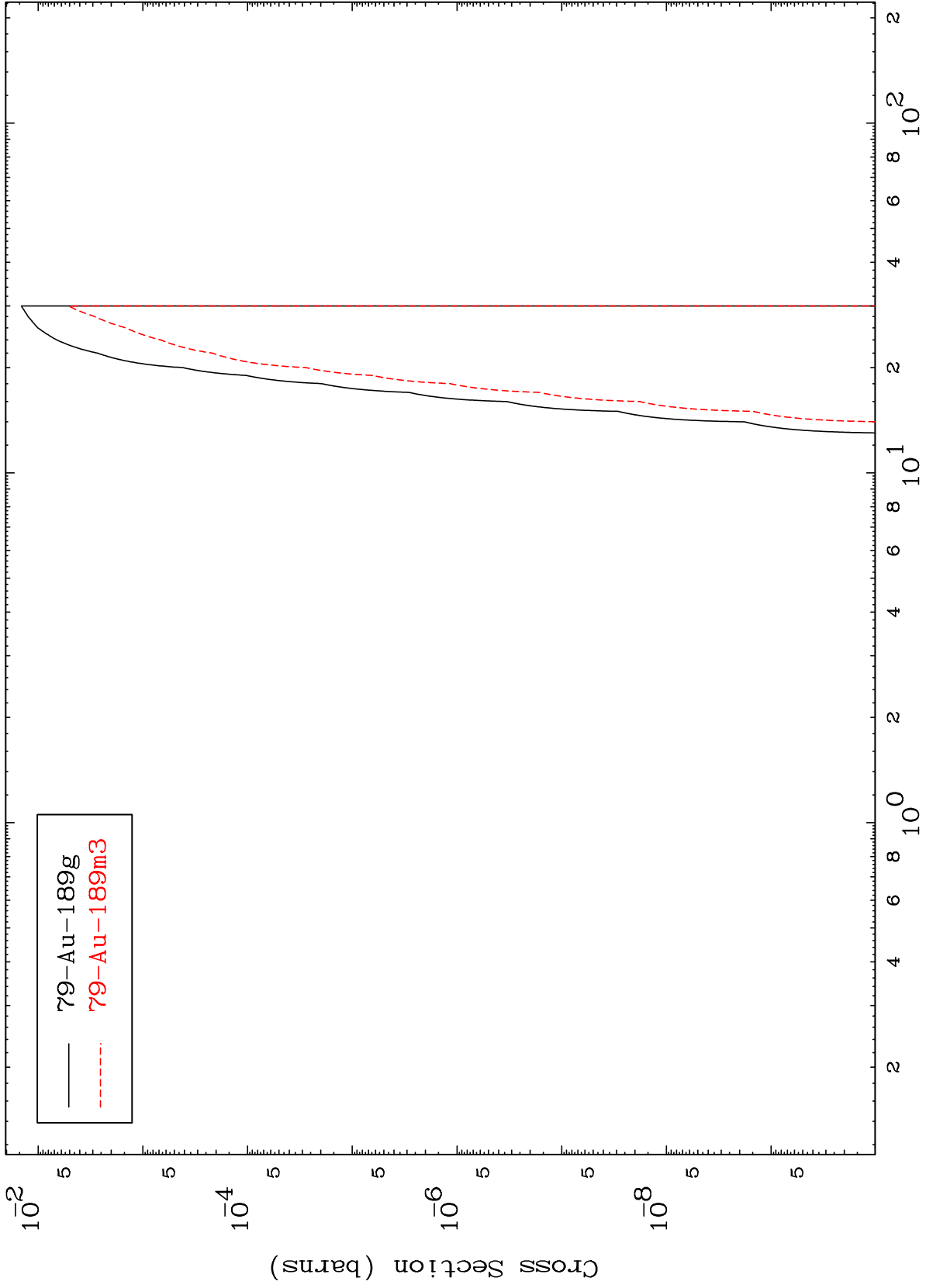
79-Au-189

MAT 7901

(He-3, He-3)

79-Au-189

Radionuclide Production Cross Section



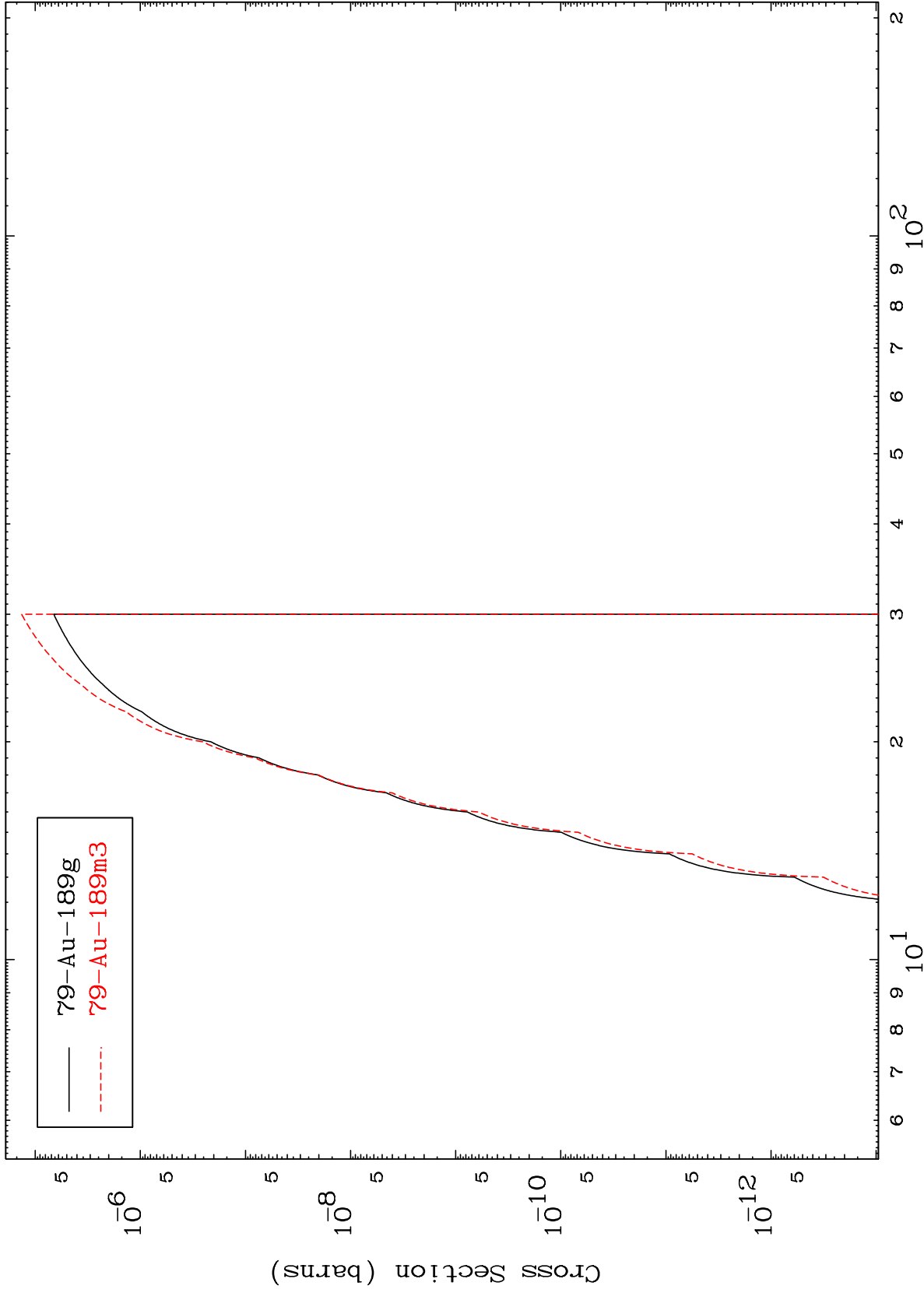
79-Au-189g
79-Au-189m3

MAT 7901

(He-3, p) d

79-Au-189

Radionuclide Production Cross Section



25

Incident Energy (MeV)

79-Au-189