

Program EVALPLOT
(Version 2018-1)

by

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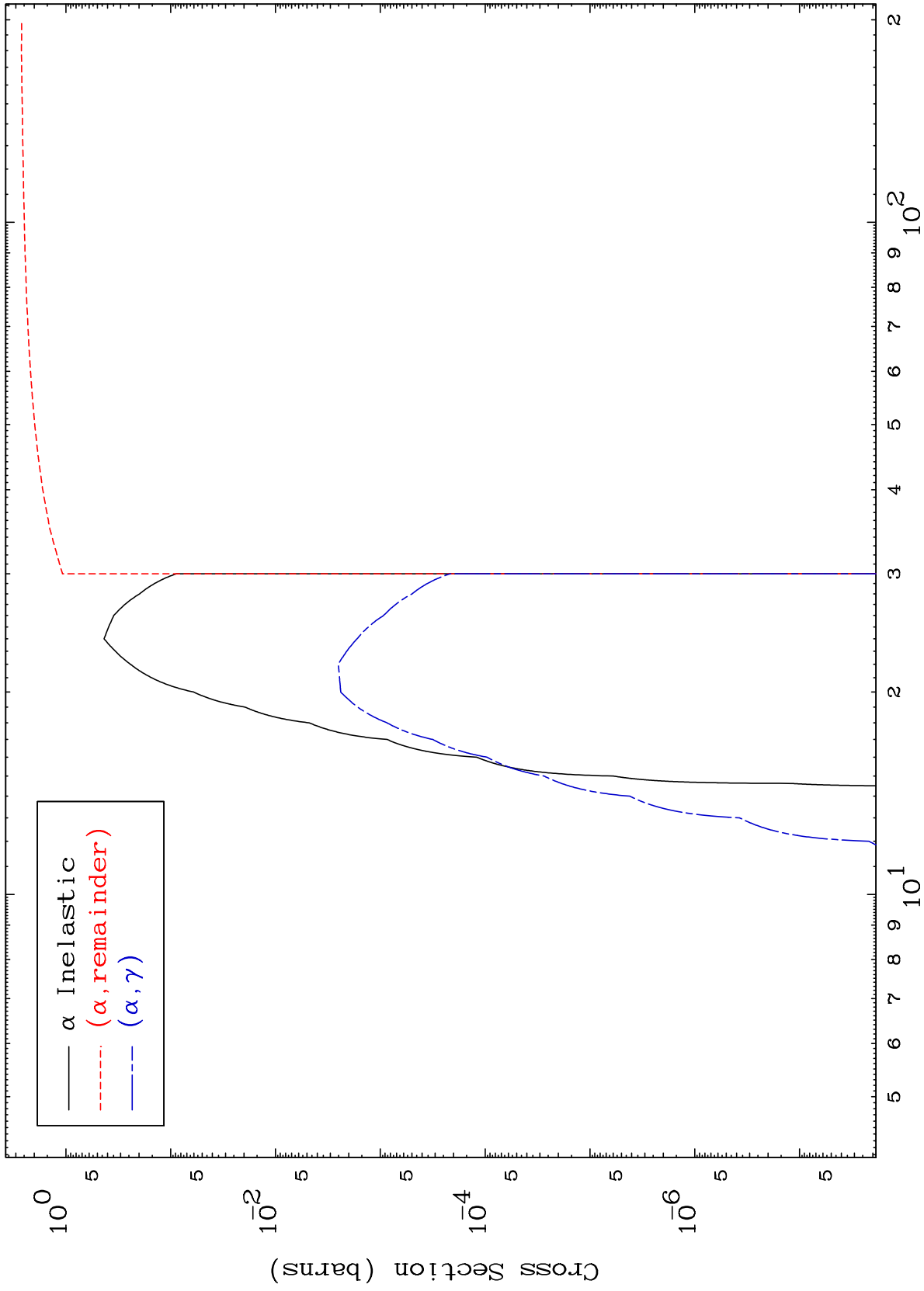
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7896

0 Kelvin α Major
Cross Sections

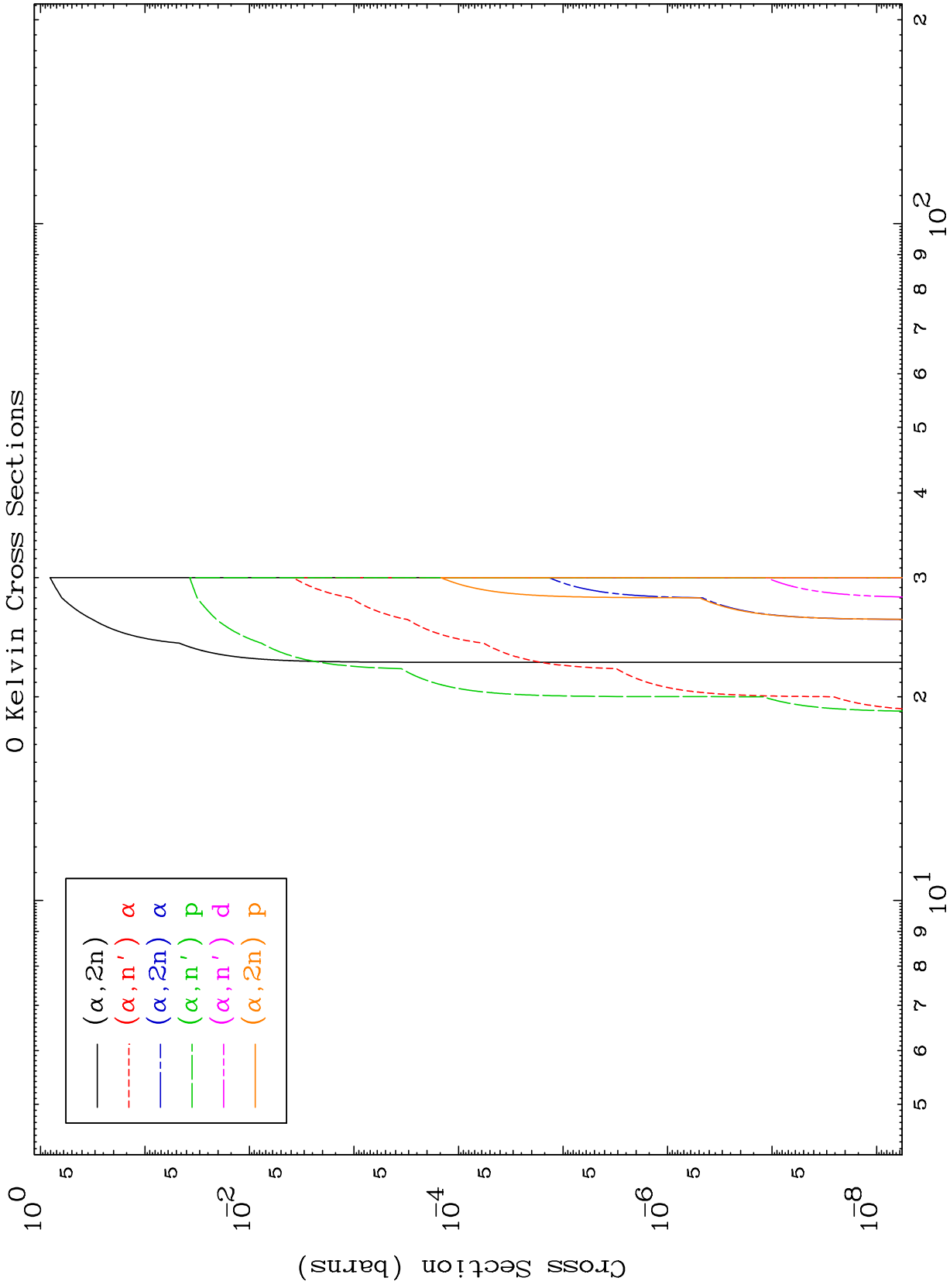
79-Au-187



MAT 7896

α Neutron Production
0 Kelvin Cross Sections

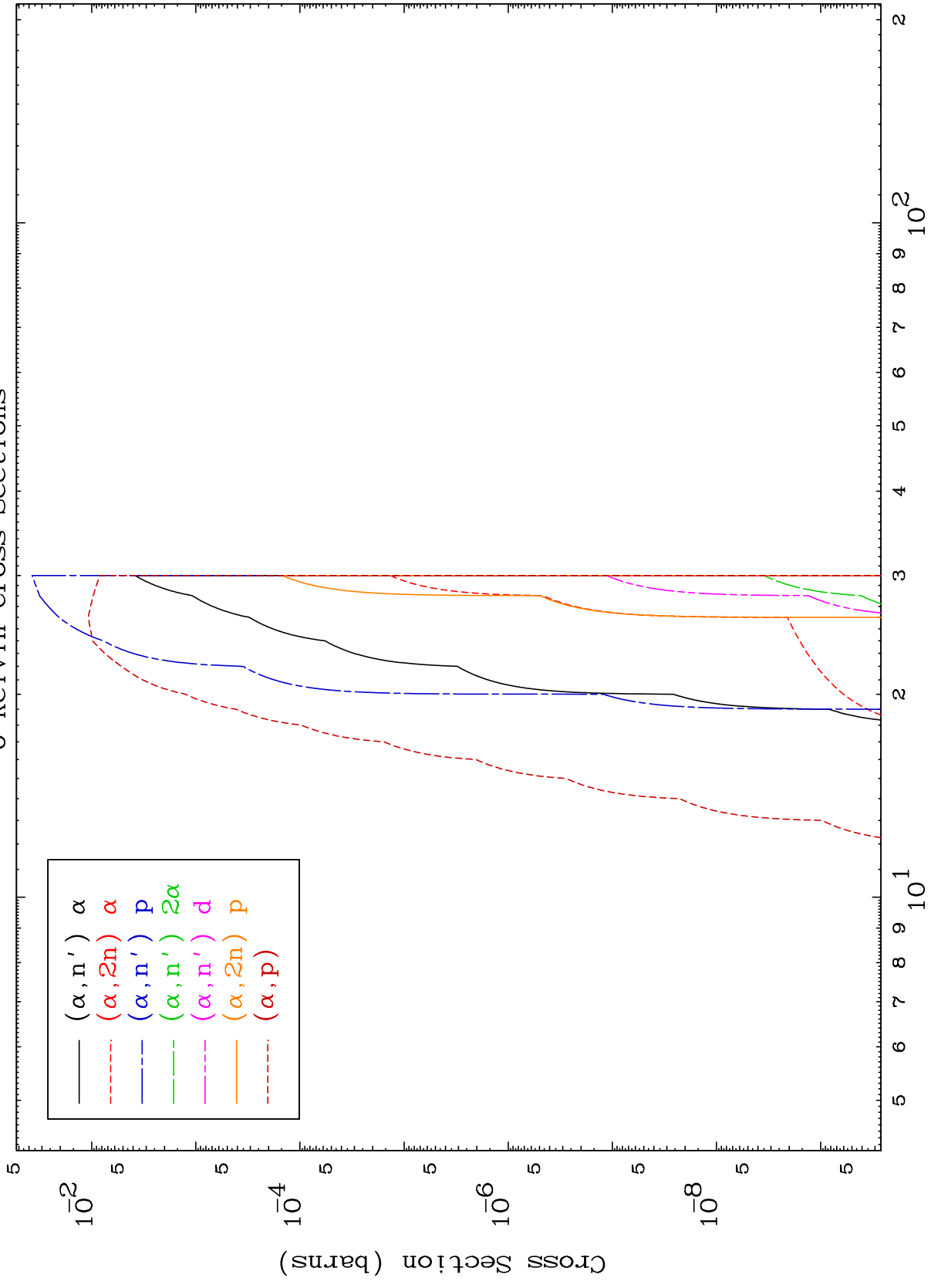
79-Au-187



2

Incident Energy (MeV)

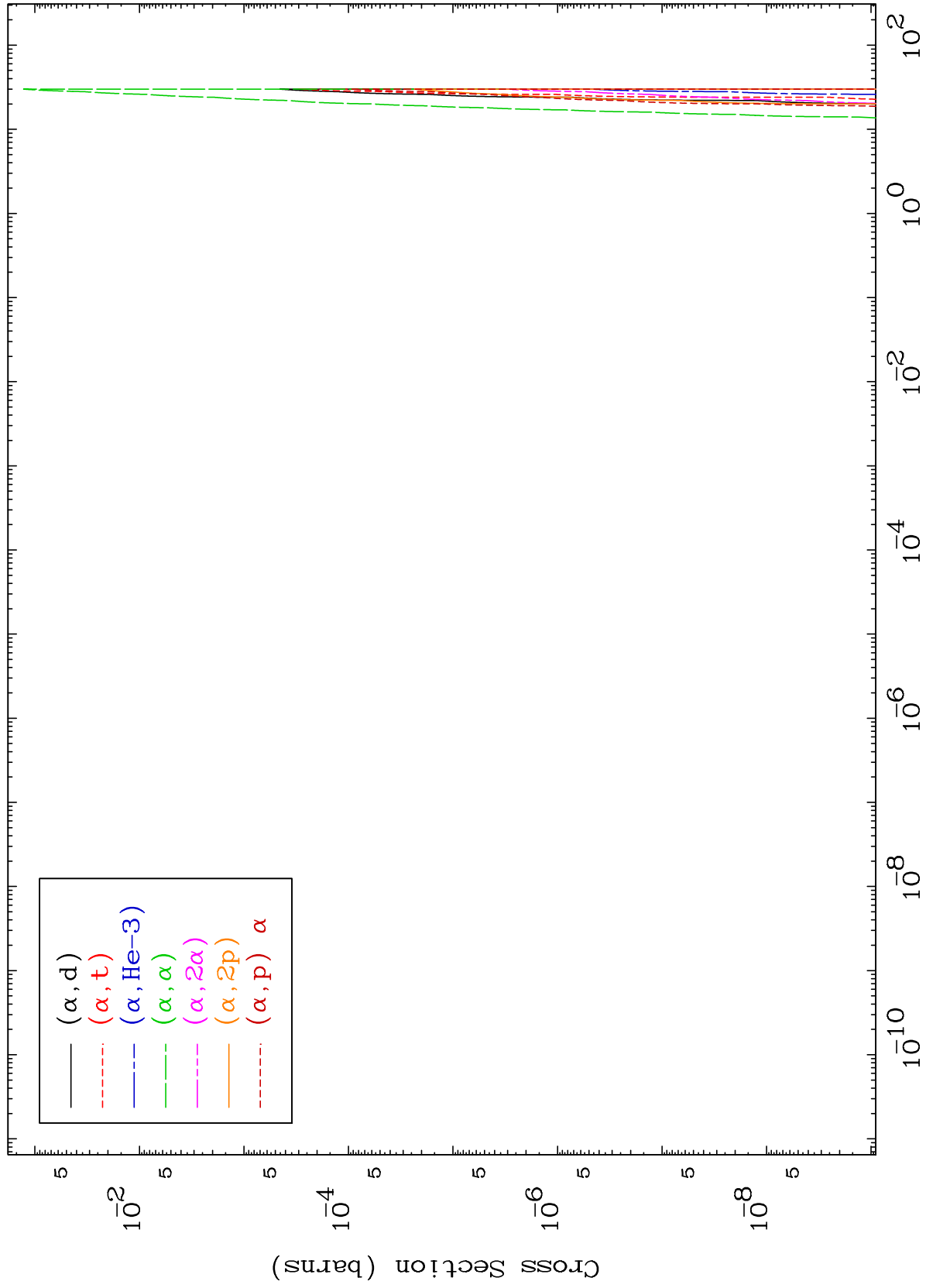
79-Au-187



MAT 7896

α Charged Particle
0 Kelvin Cross Sections

79-Au-187

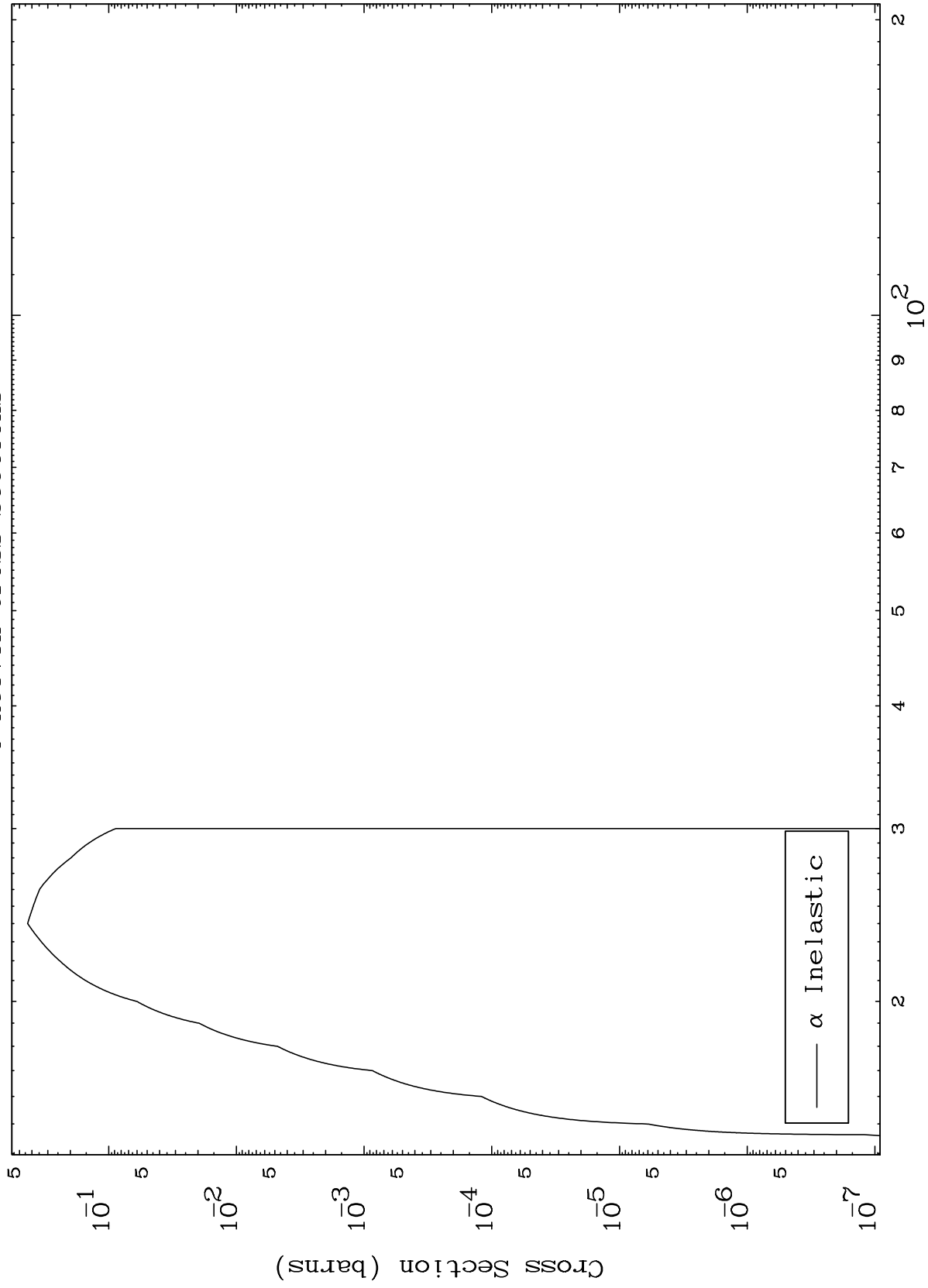


79-Au-187

MAT 7896

(α, n') Level
0 Kelvin Cross Sections

79-Au-187



5

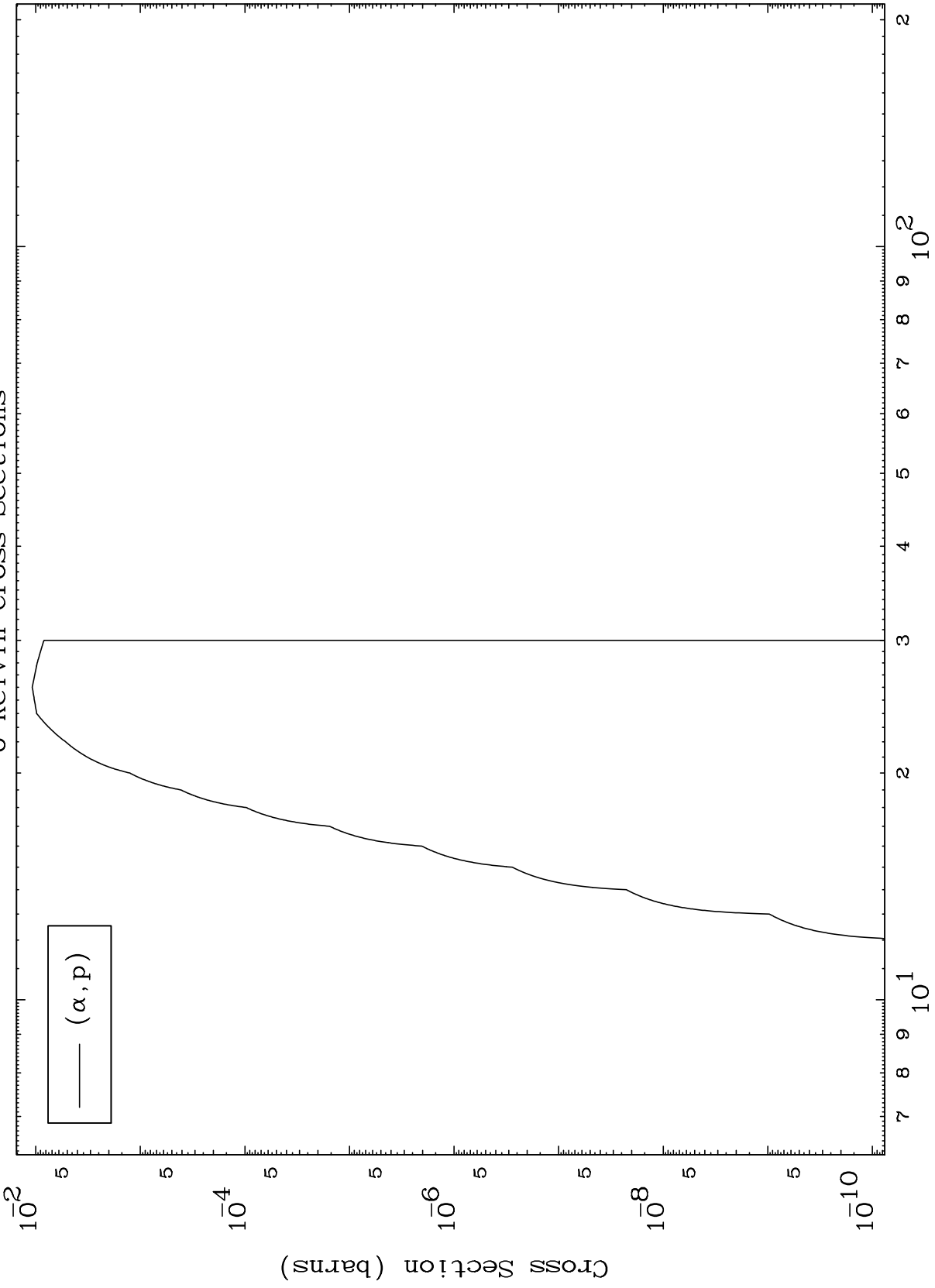
Incident Energy (MeV)

79-Au-187

MAT 7896

(α, p) Levels
0 Kelvin Cross Sections

79-Au-187



6

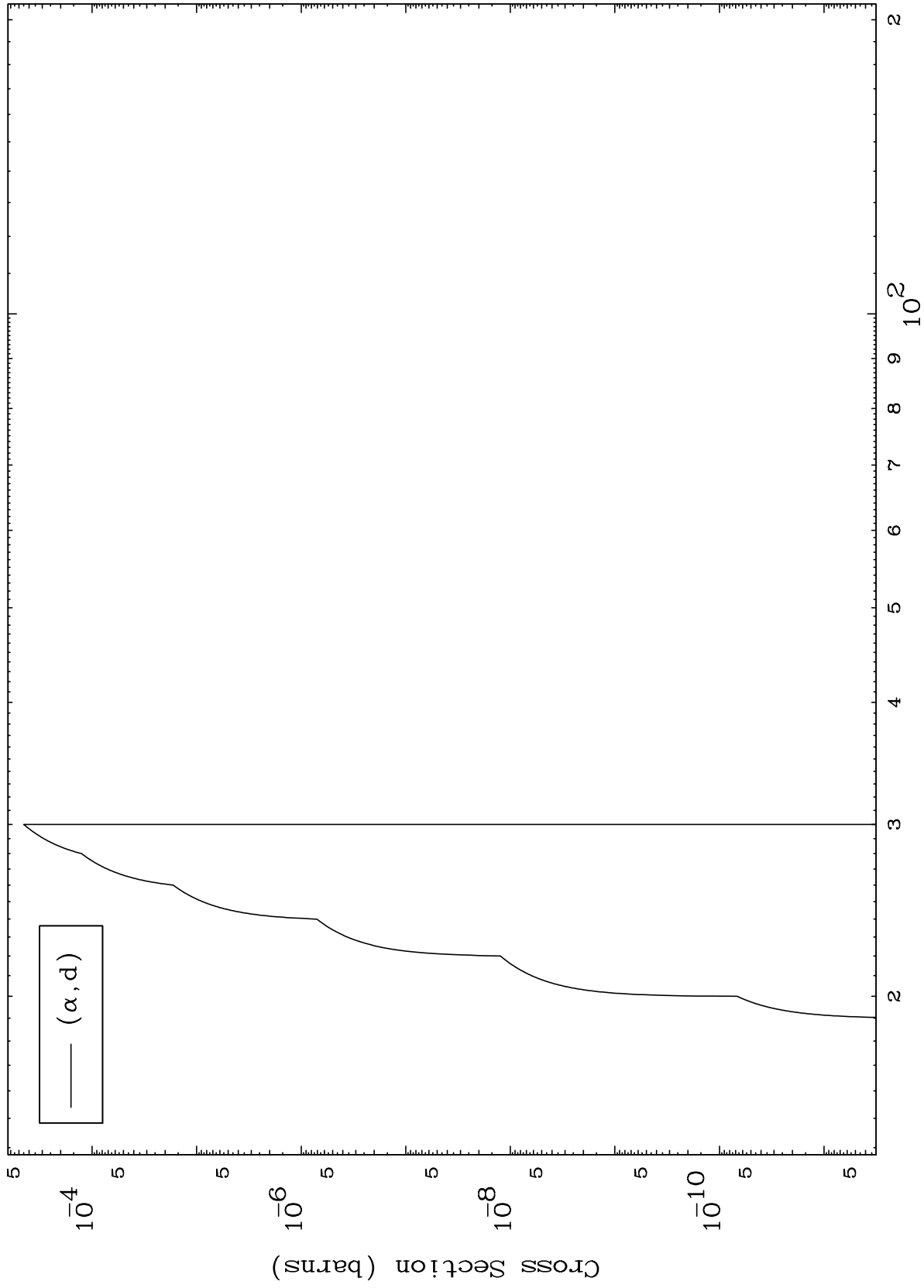
Incident Energy (MeV)

79-Au-187

MAT 7896

(α, d) Levels
0 Kelvin Cross Sections

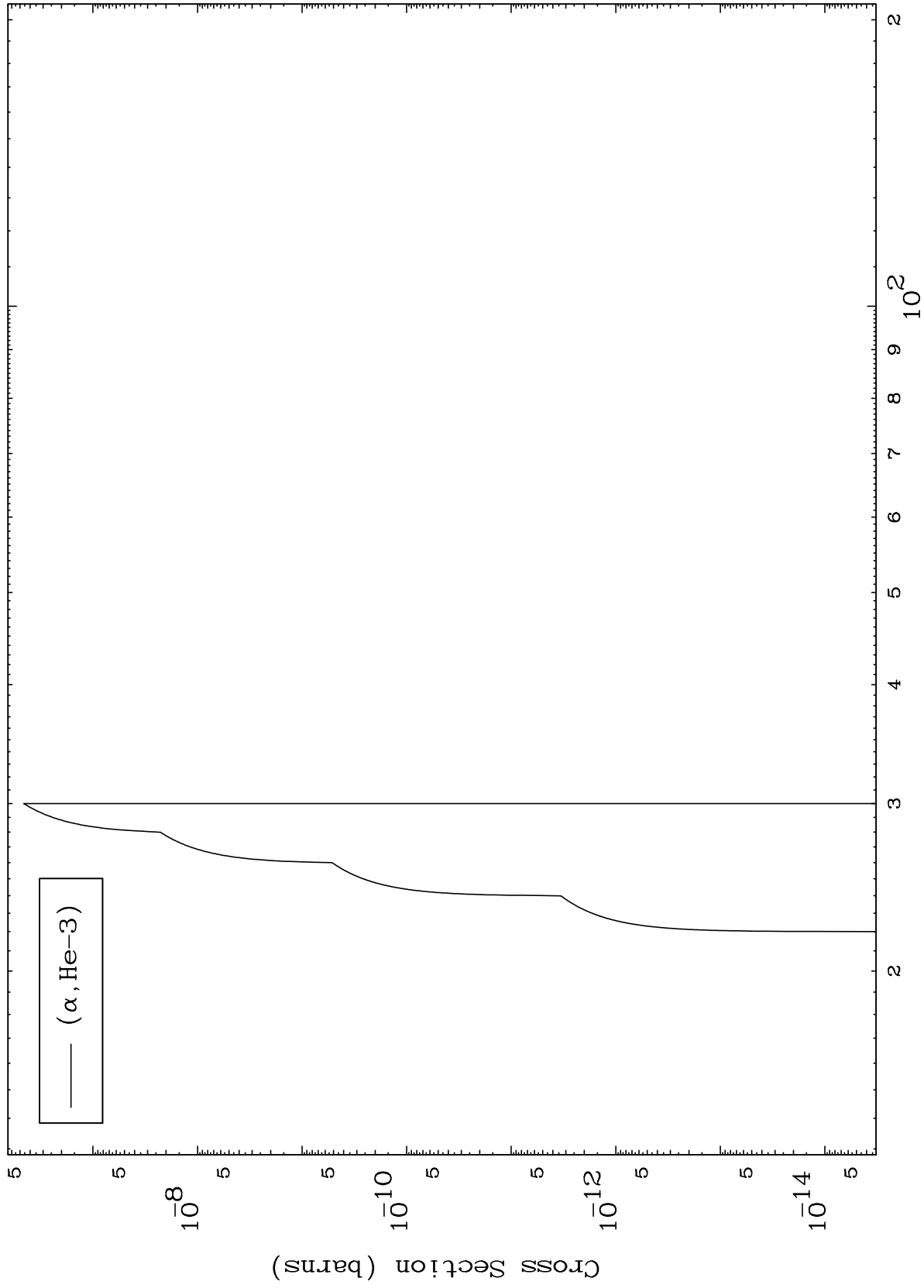
79-Au-187



7

Incident Energy (MeV)

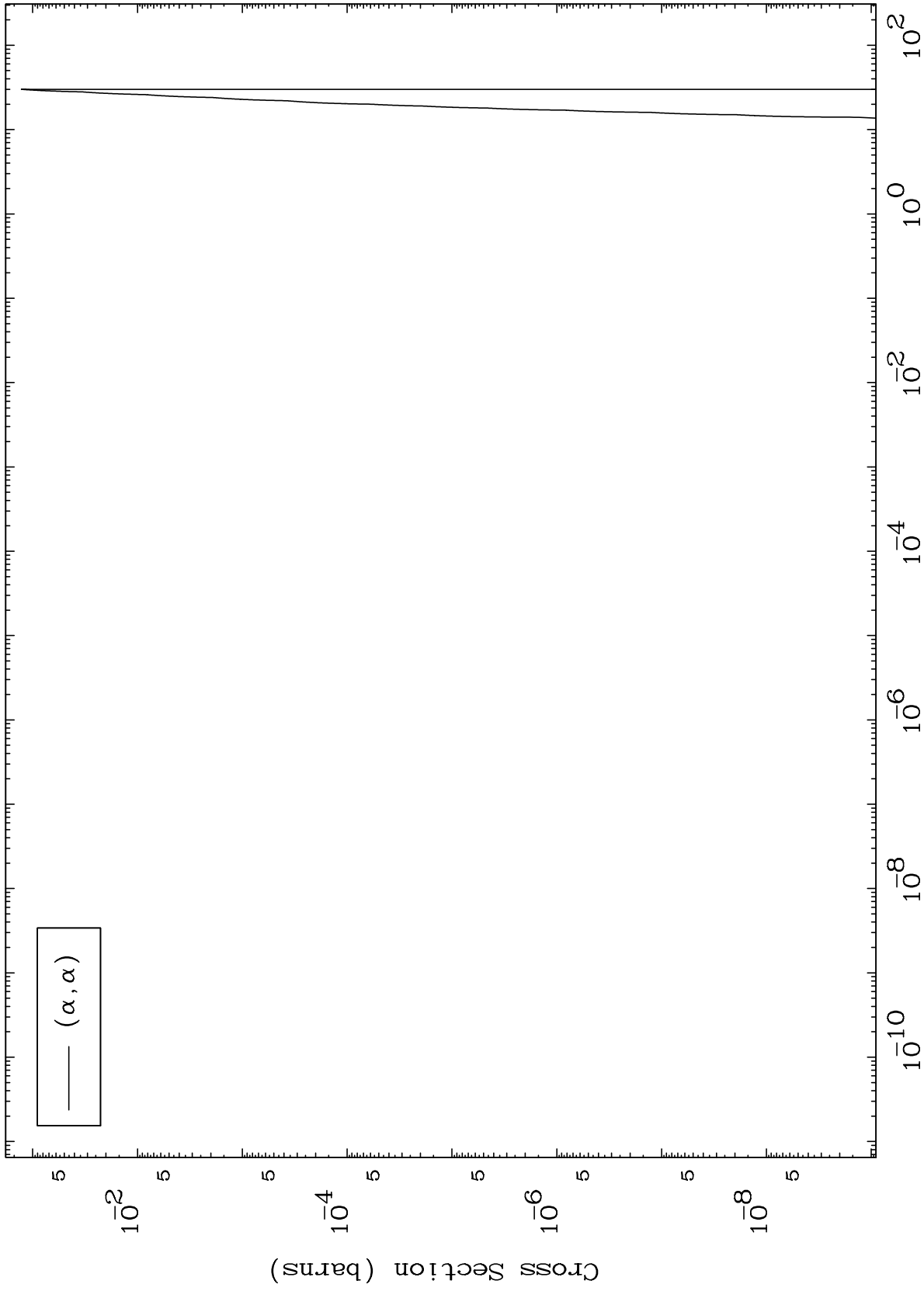
79-Au-187



MAT 7896

(α, α) Levels
0 Kelvin Cross Sections

79-Au-187



10

Incident Energy (MeV)

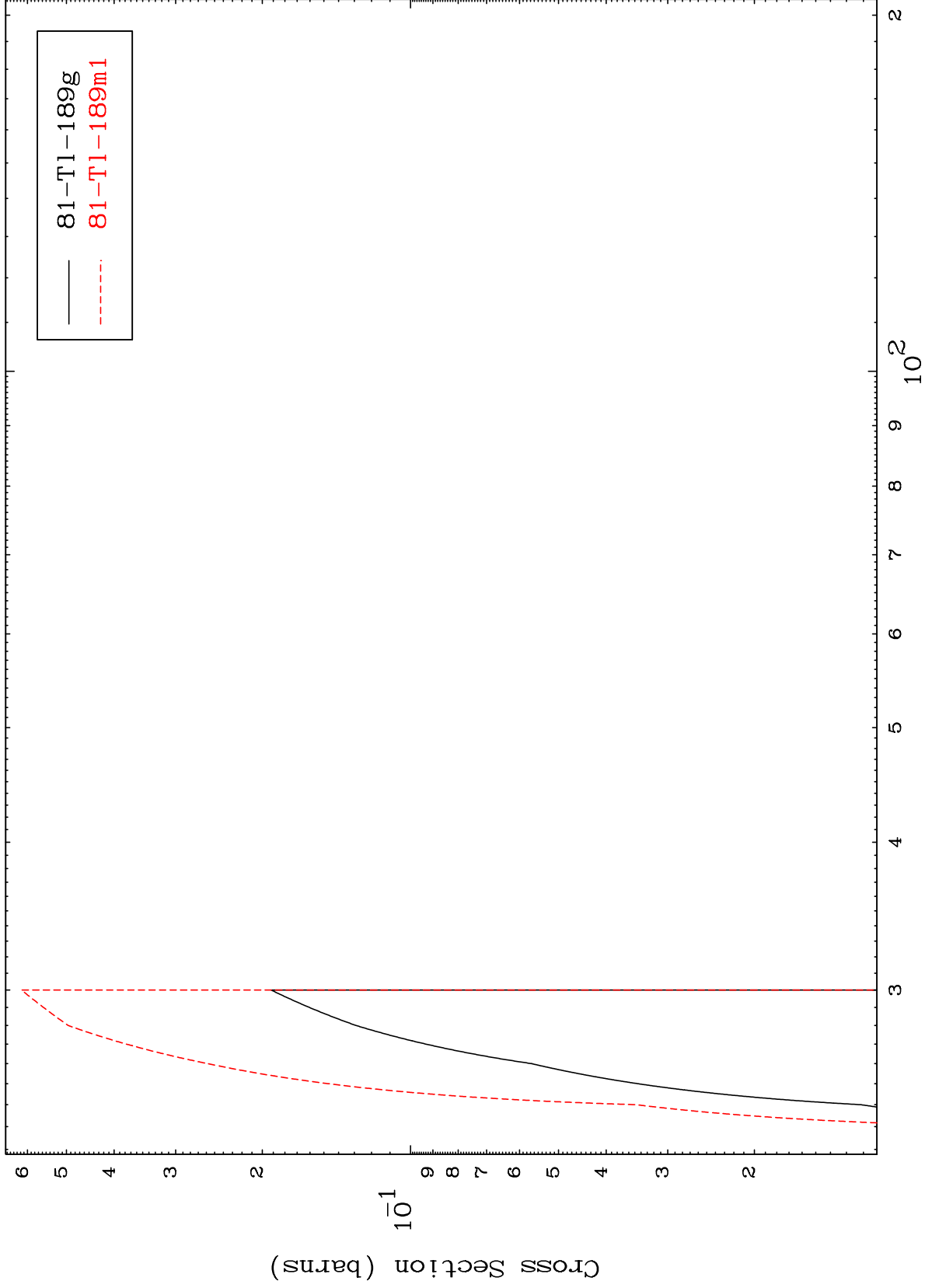
79-Au-187

MAT 7896

($\alpha, 2n$)

79-Au-187

Radionuclide Production Cross Section



11

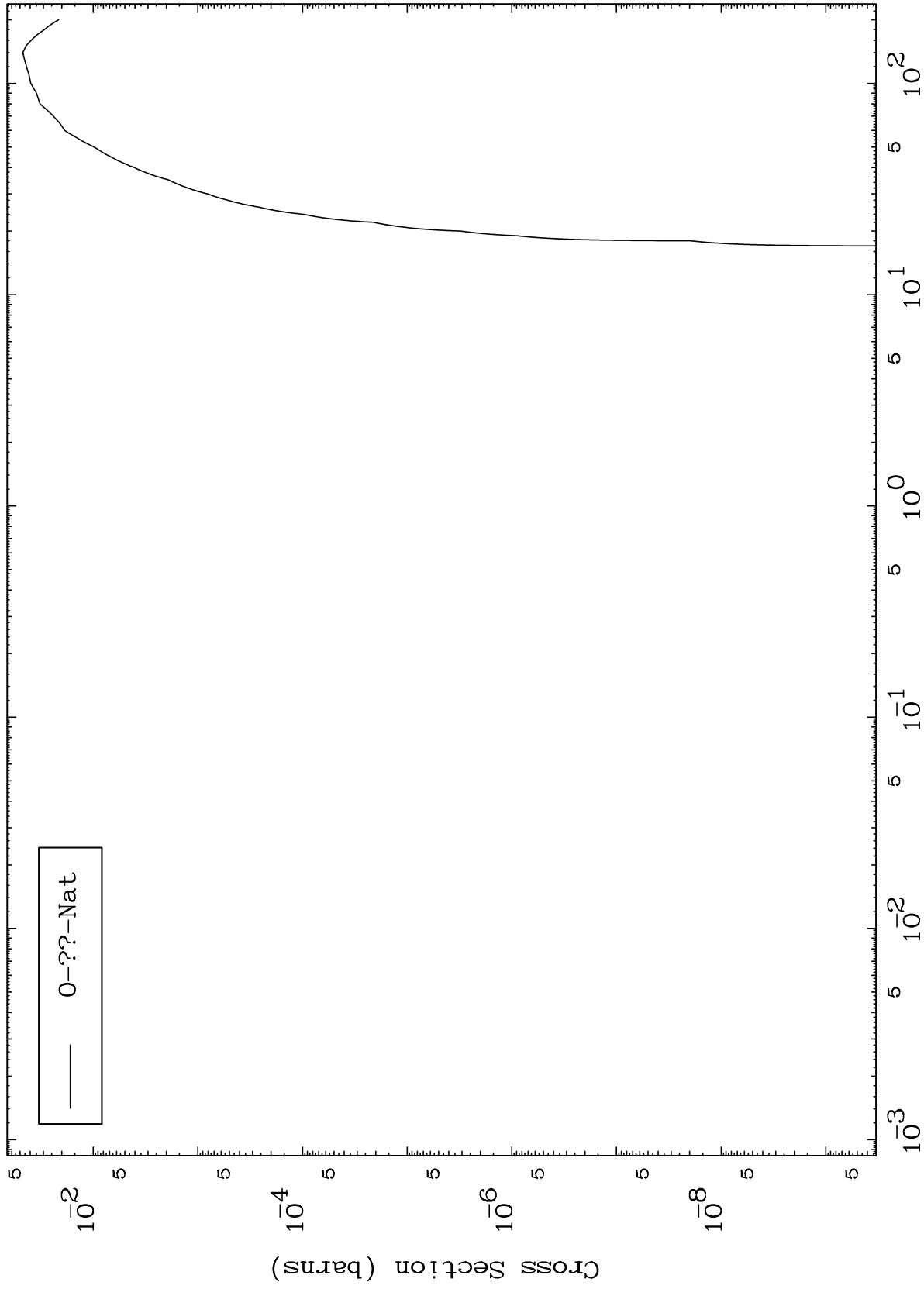
Incident Energy (MeV)

79-Au-187

MAT 7896

α Fission
Radionuclide Production Cross Section

79-Au-187



12

Incident Energy (MeV)

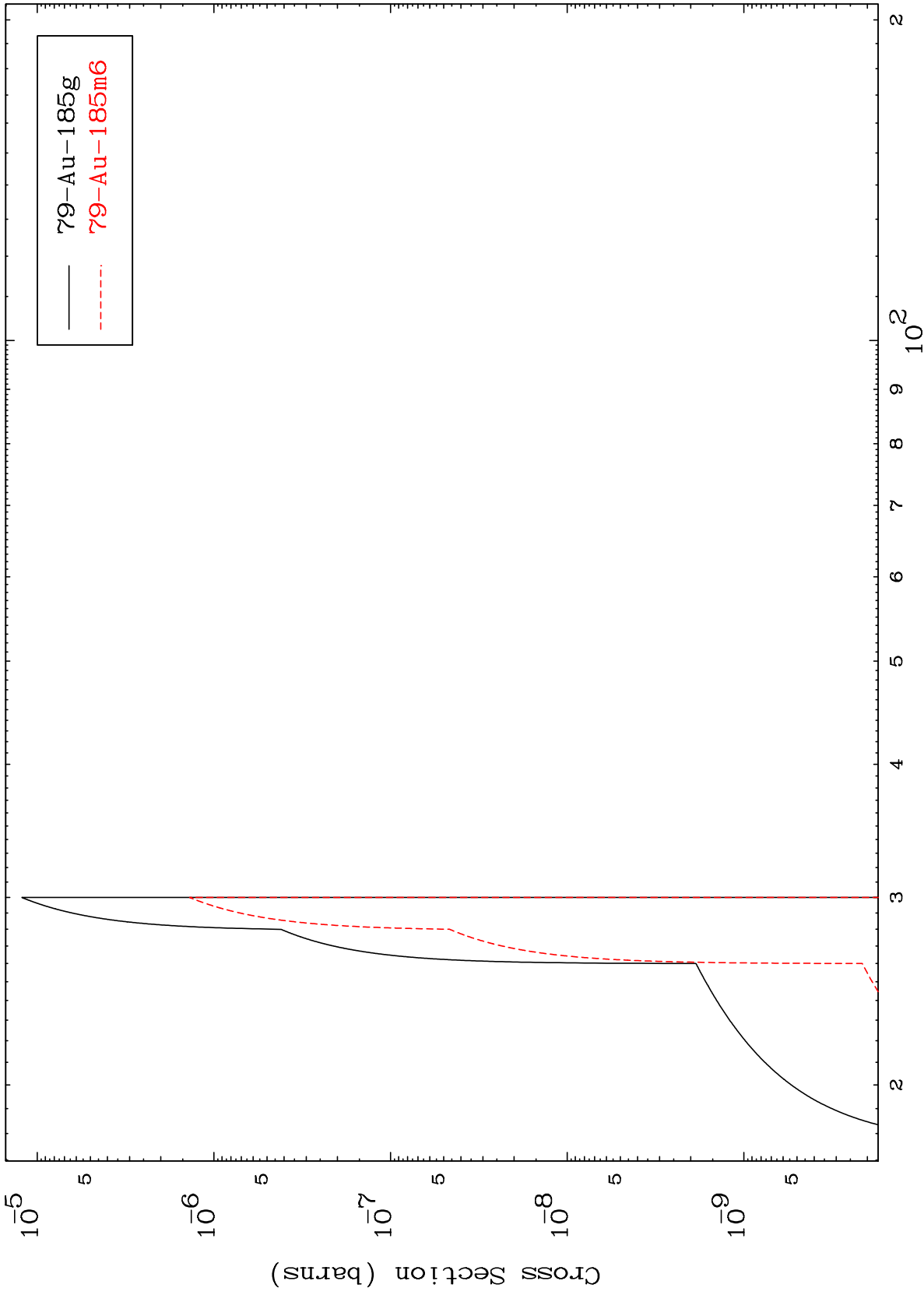
79-Au-187

MAT 7896

$(\alpha, 2n) \alpha$

$^{79}\text{Au-187}$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

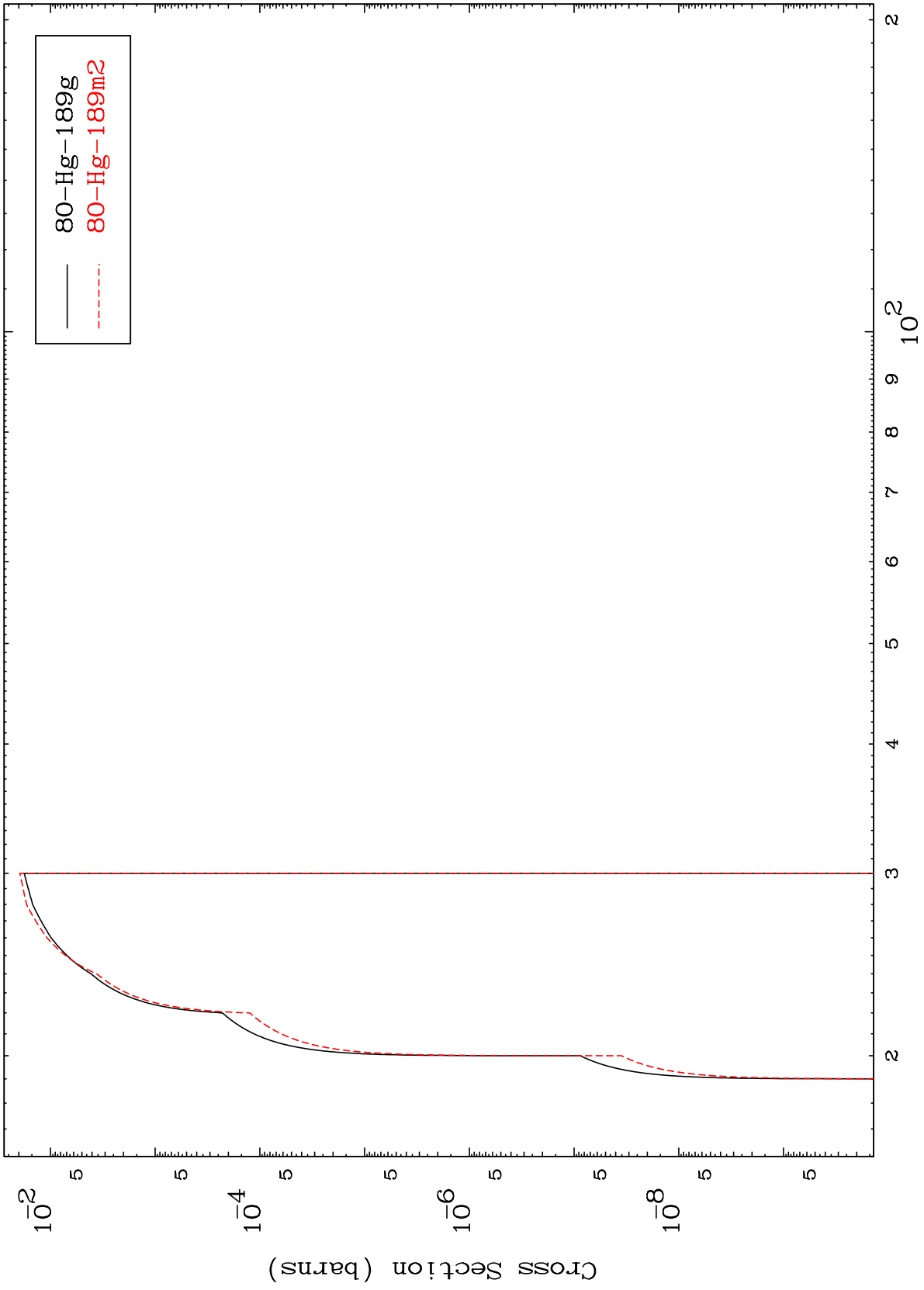
$^{79}\text{Au-187}$

MAT 7896

(α, n') p

79-Au-187

Radionuclide Production Cross Section



14

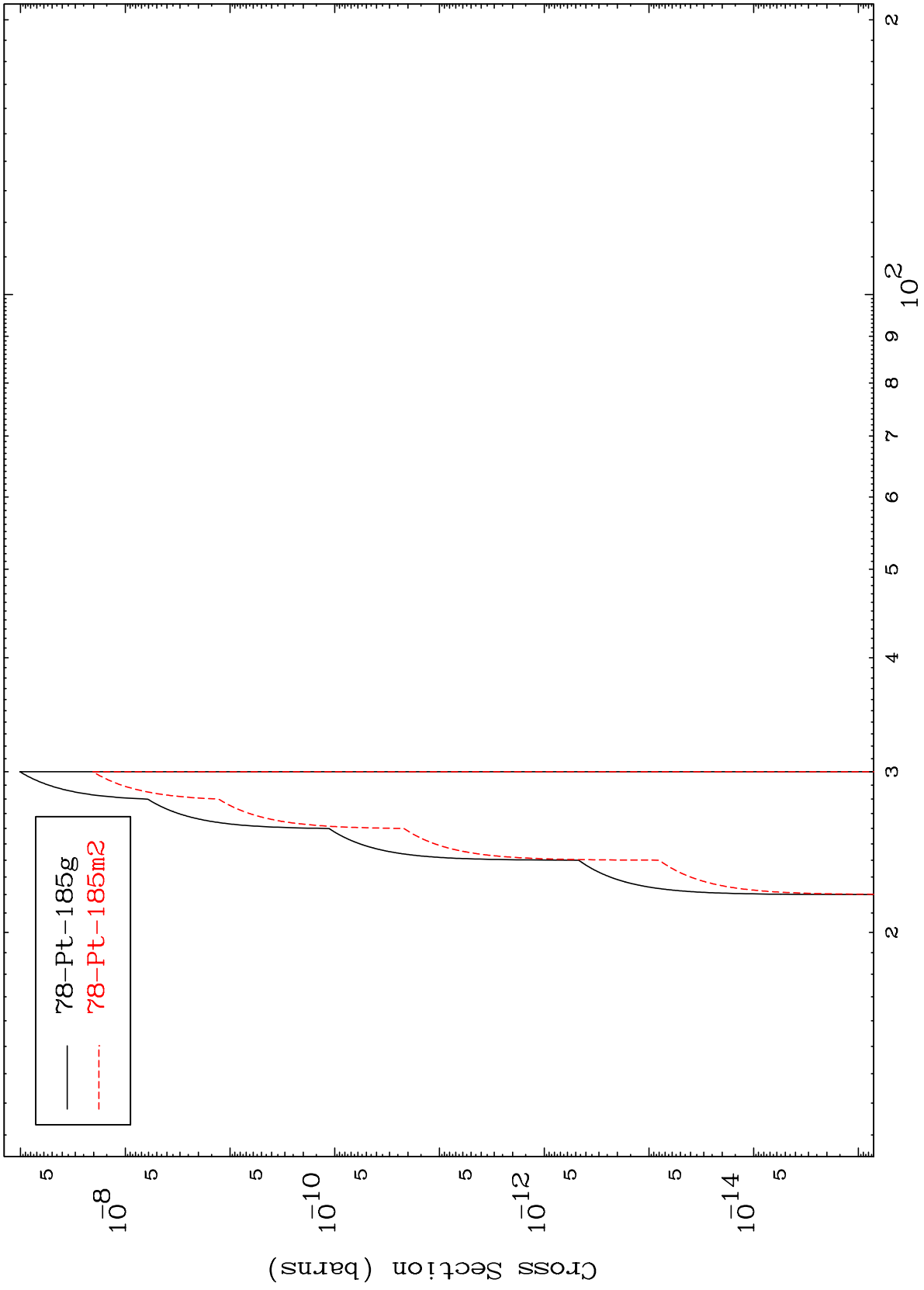
Incident Energy (MeV)

79-Au-187

MAT 7896

79-Au-187

(α, n') p α
Radionuclide Production Cross Section



15

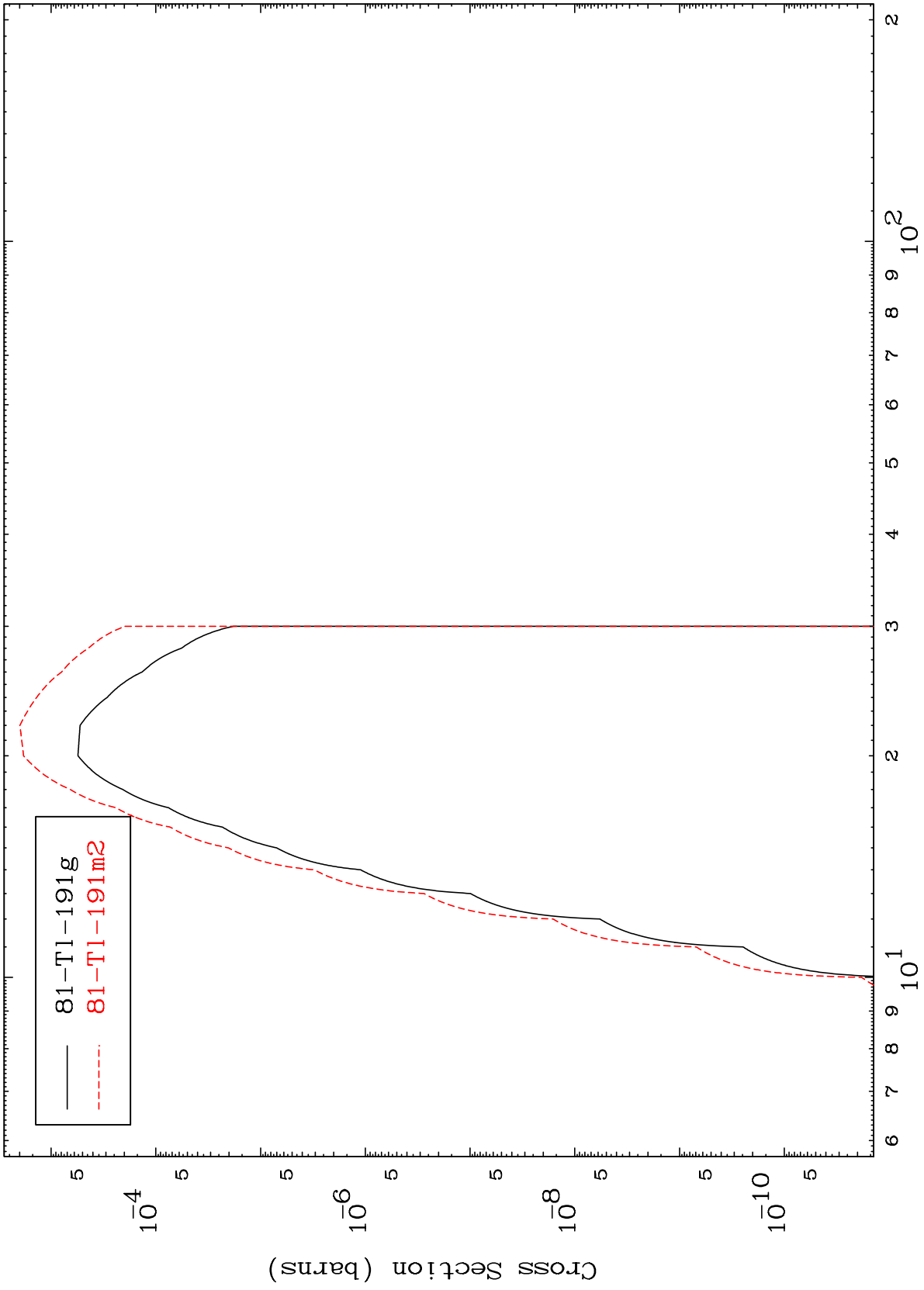
Incident Energy (MeV)

79-Au-187

MAT 7896

79-Au-187

(α, γ)
Radionuclide Production Cross Section



16

Incident Energy (MeV)

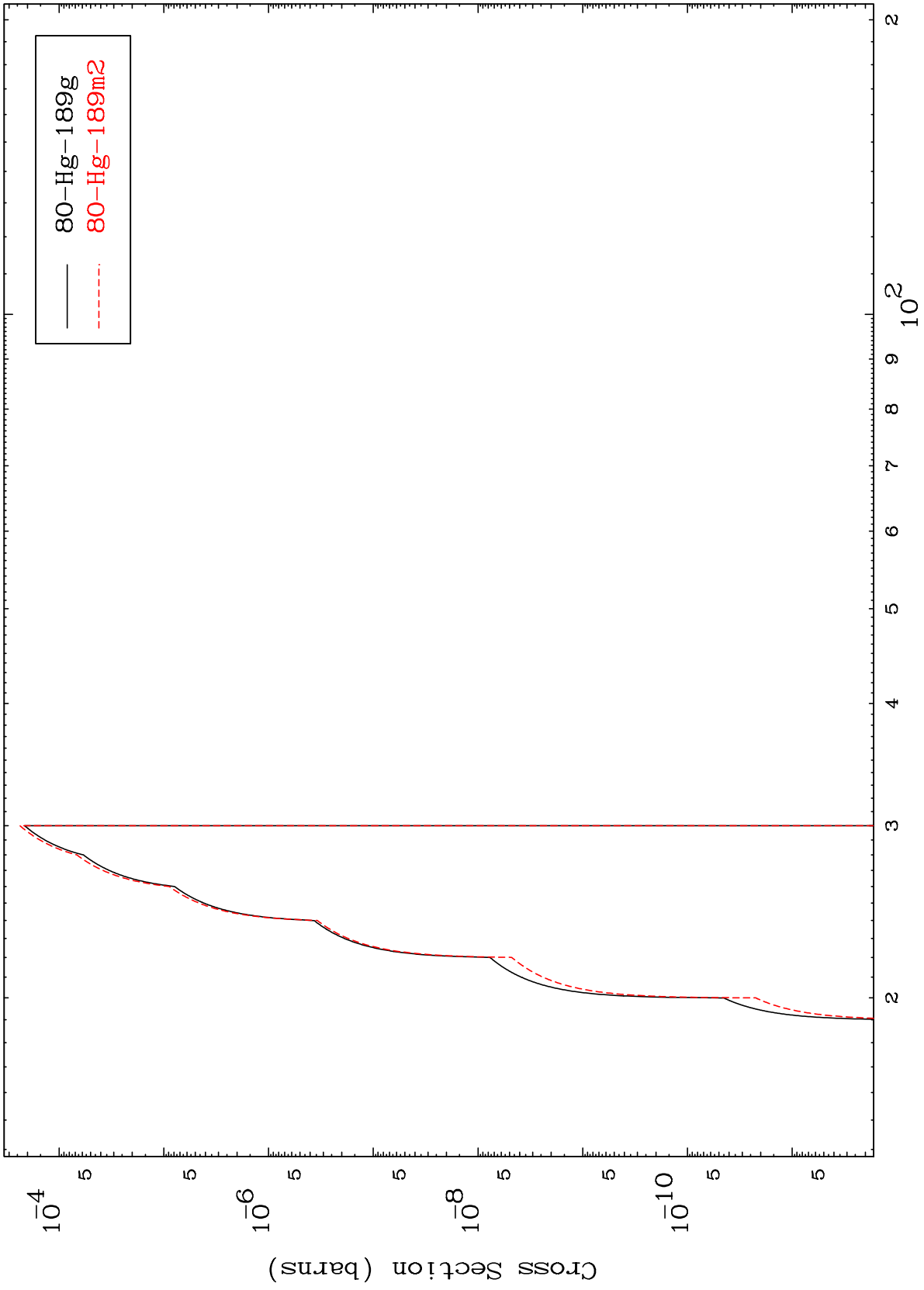
79-Au-187

MAT 7896

(α, d)

79-Au-187

Radionuclide Production Cross Section



17

Incident Energy (MeV)

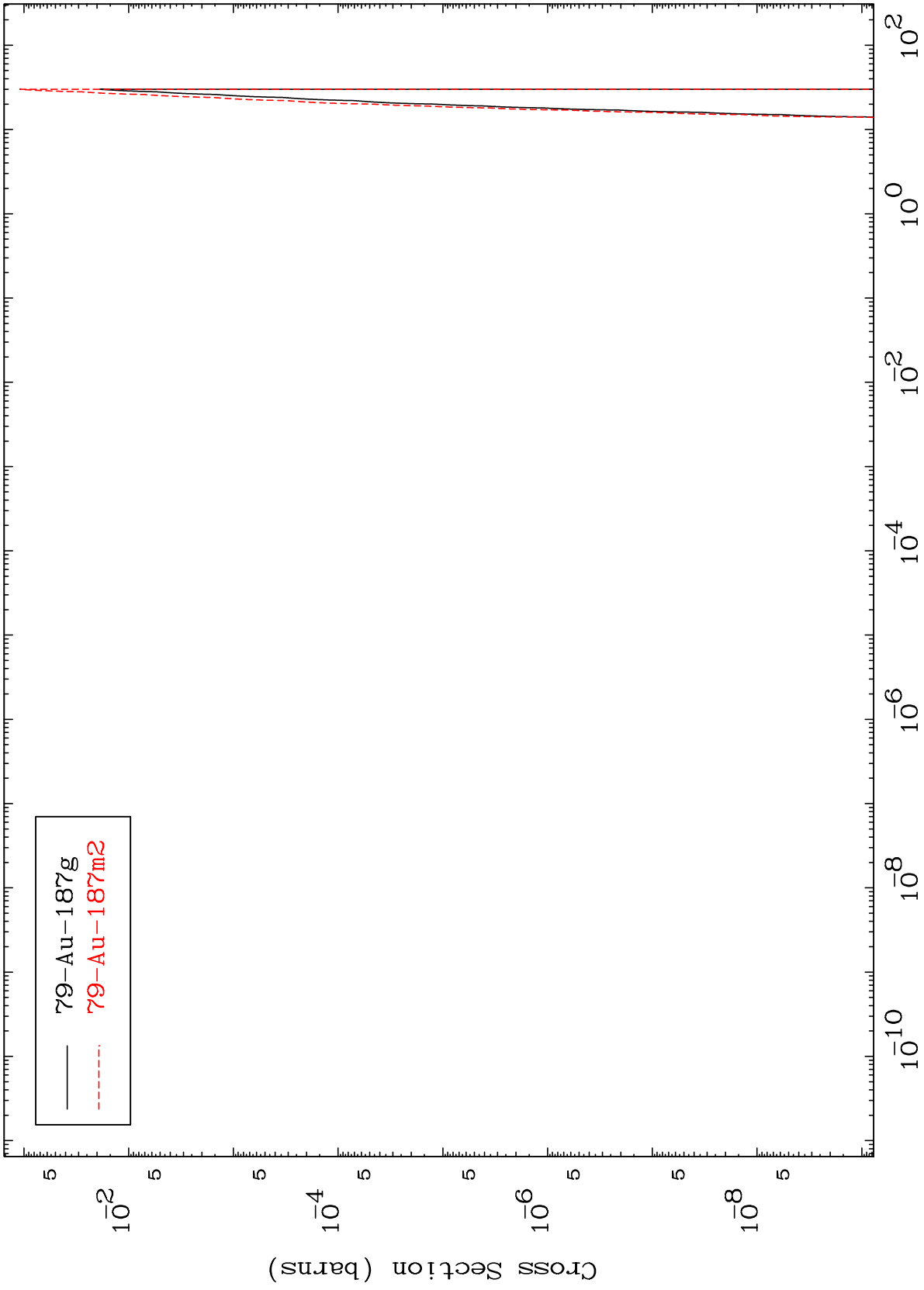
79-Au-187

MAT 7896

(α, α)

⁷⁹Au-187

Radionuclide Production Cross Section



18

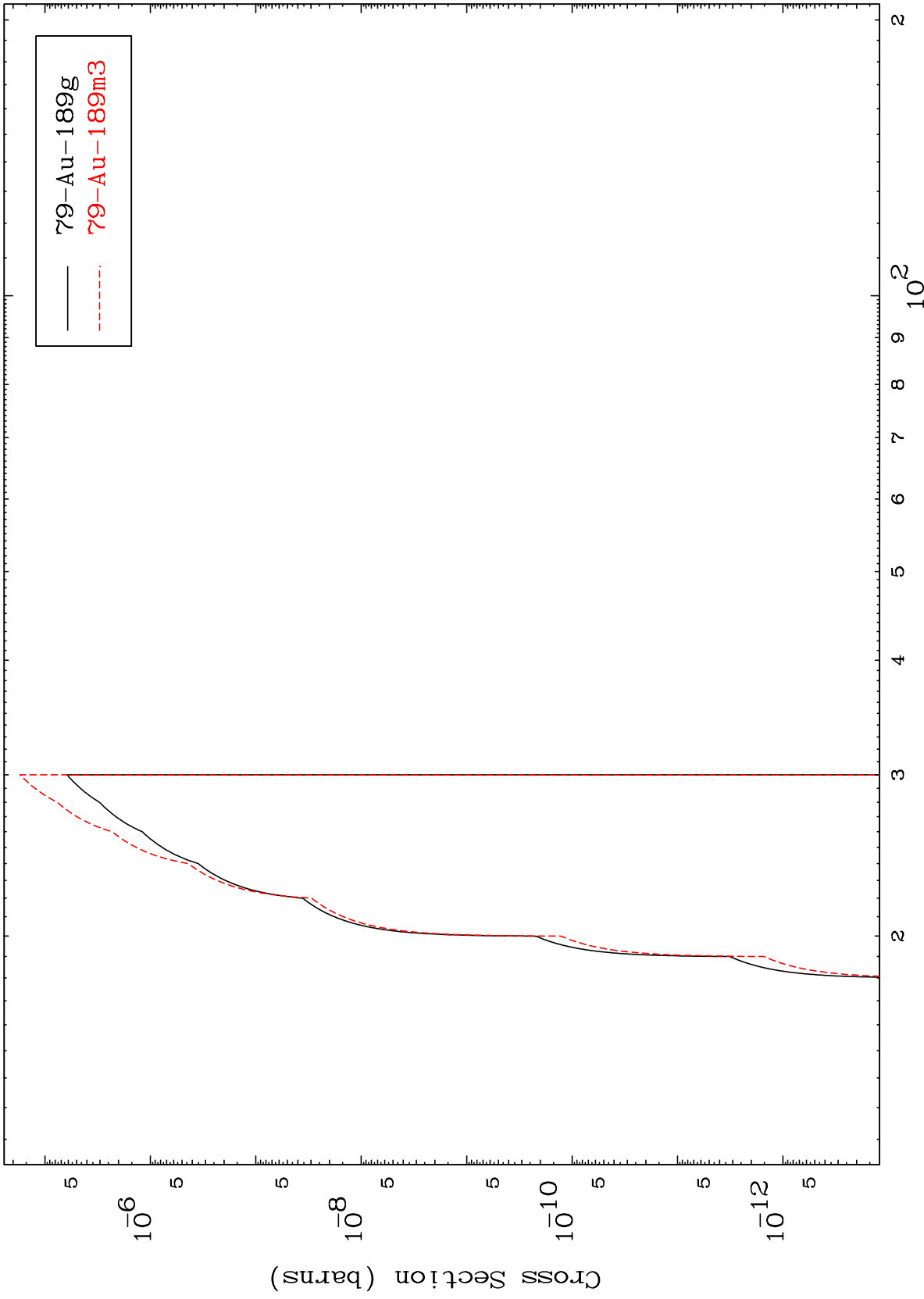
Incident Energy (MeV)

⁷⁹Au-187

MAT 7896

79-Au-187

($\alpha, 2p$)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

79-Au-187