

Program EVALPLOT
(Version 2018-1)

by

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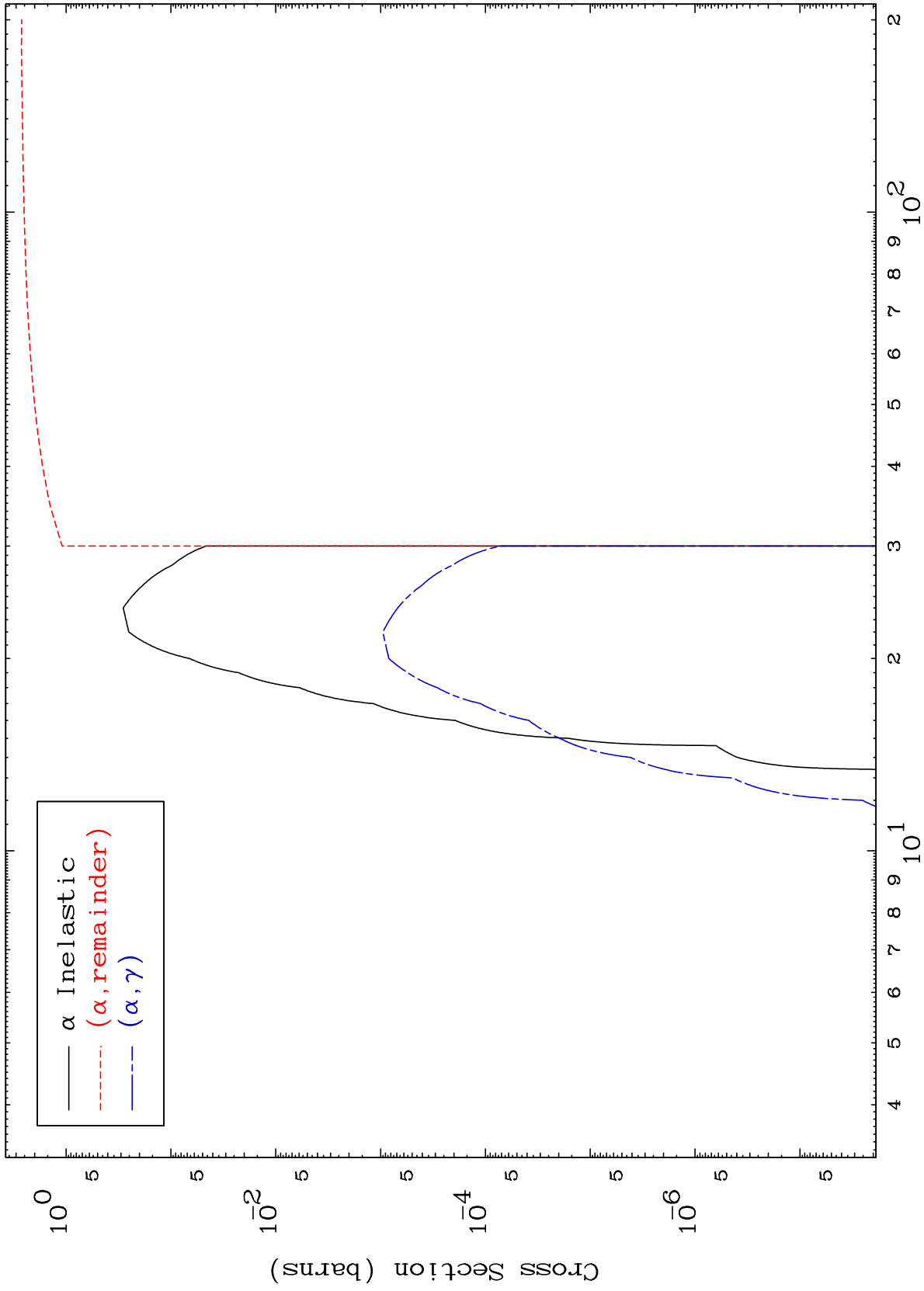
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7902

0 Kelvin α Major

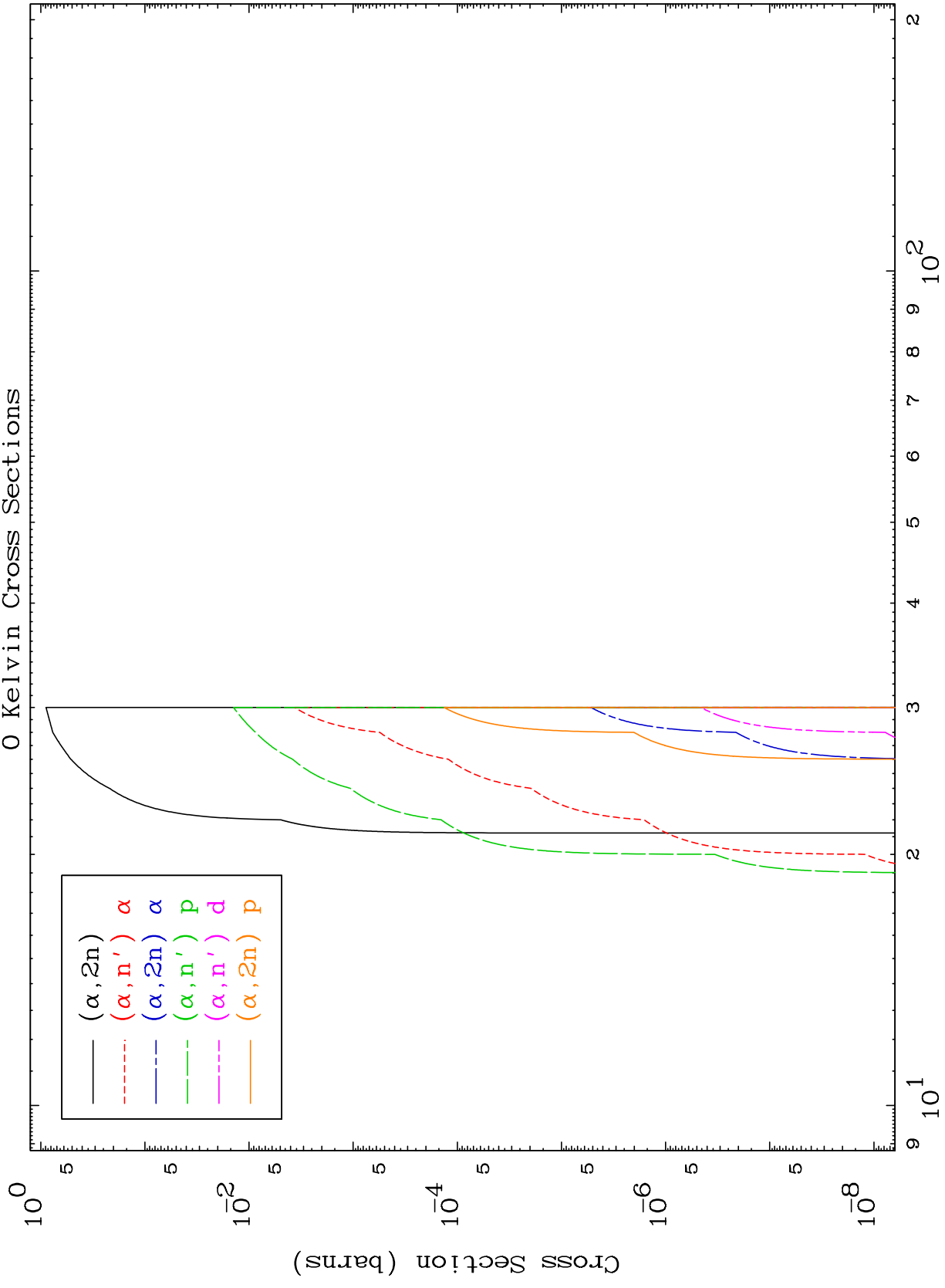
79-Au-189

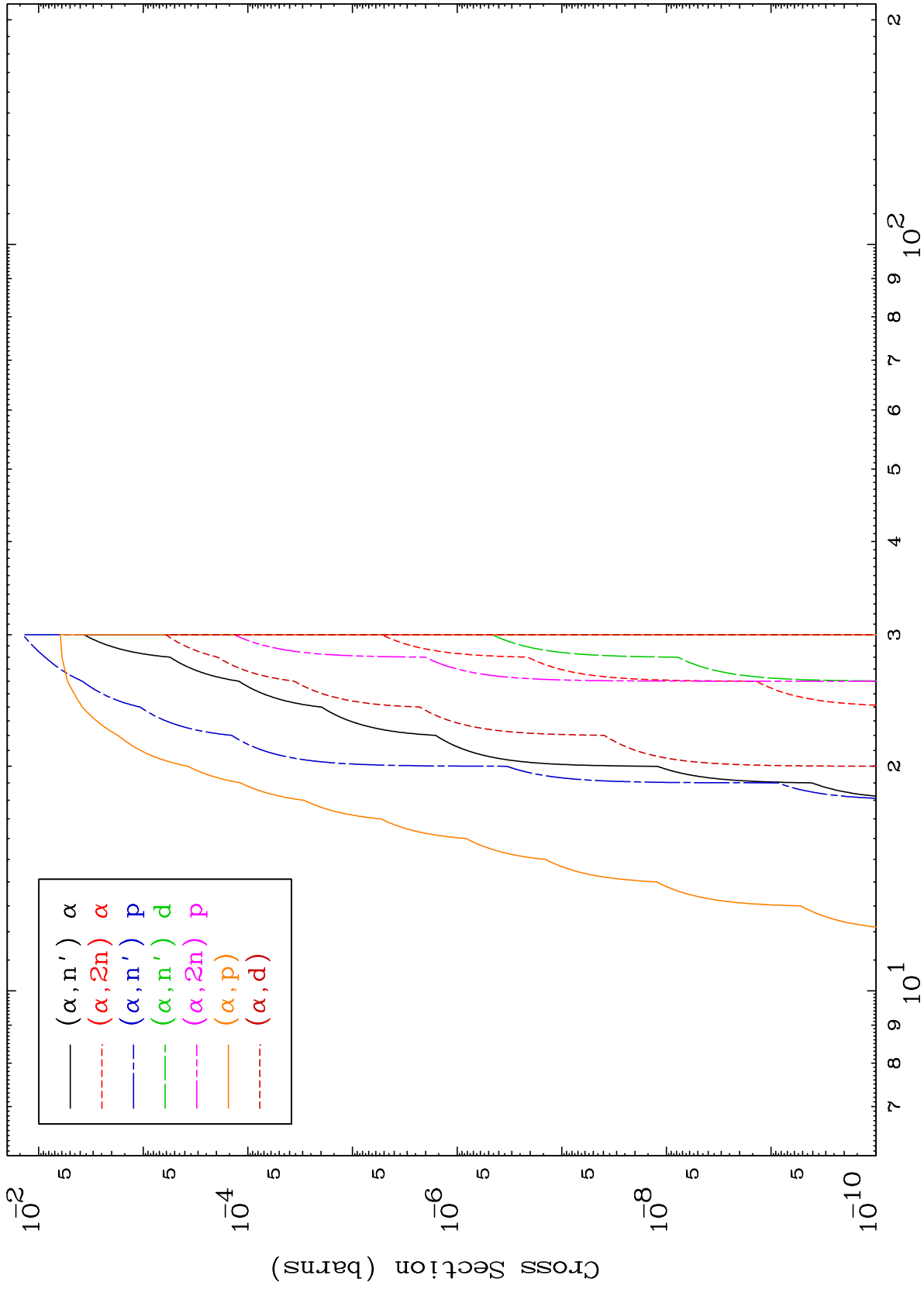


MAT 7902

α Neutron Production
0 Kelvin Cross Sections

79-Au-189

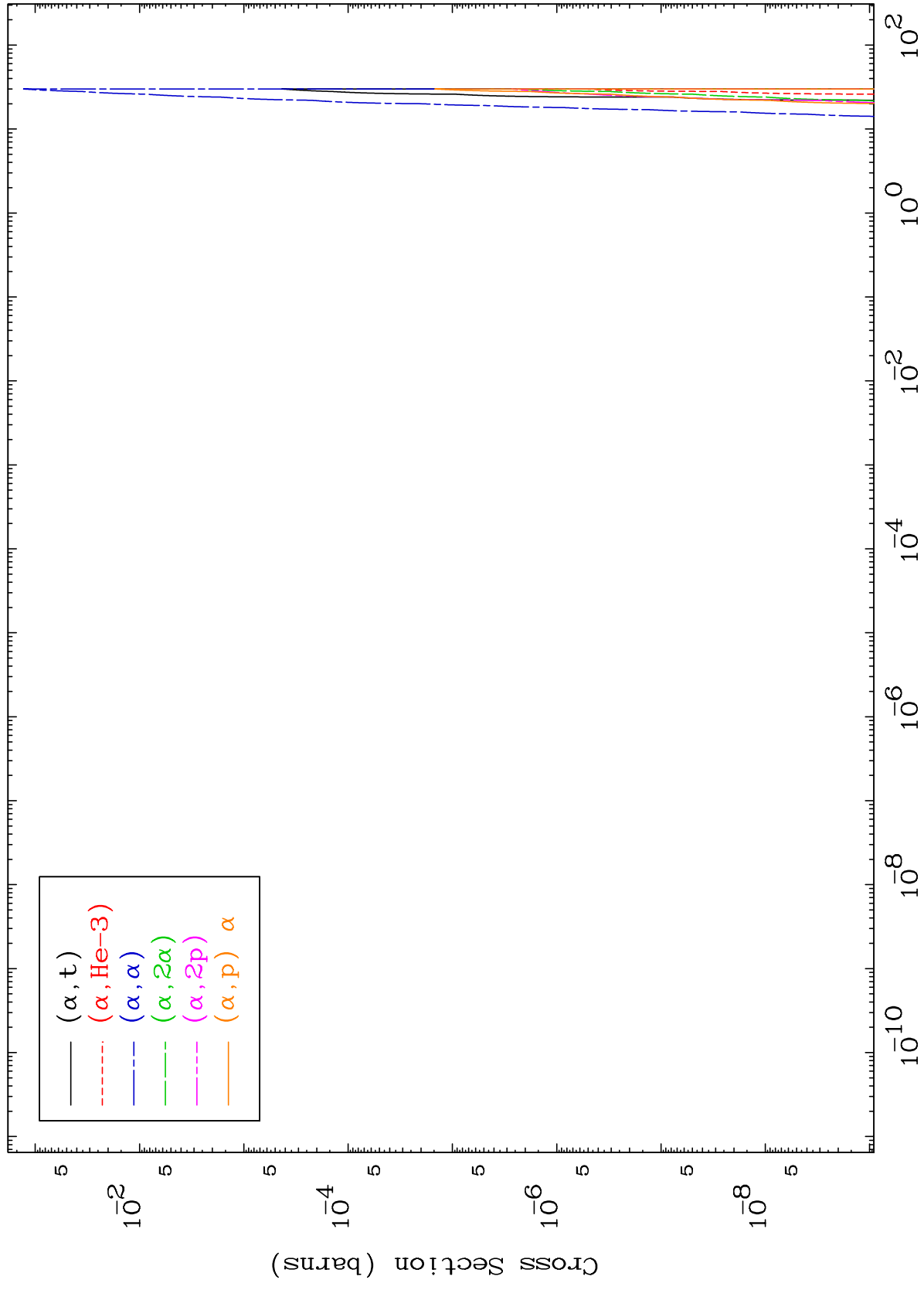




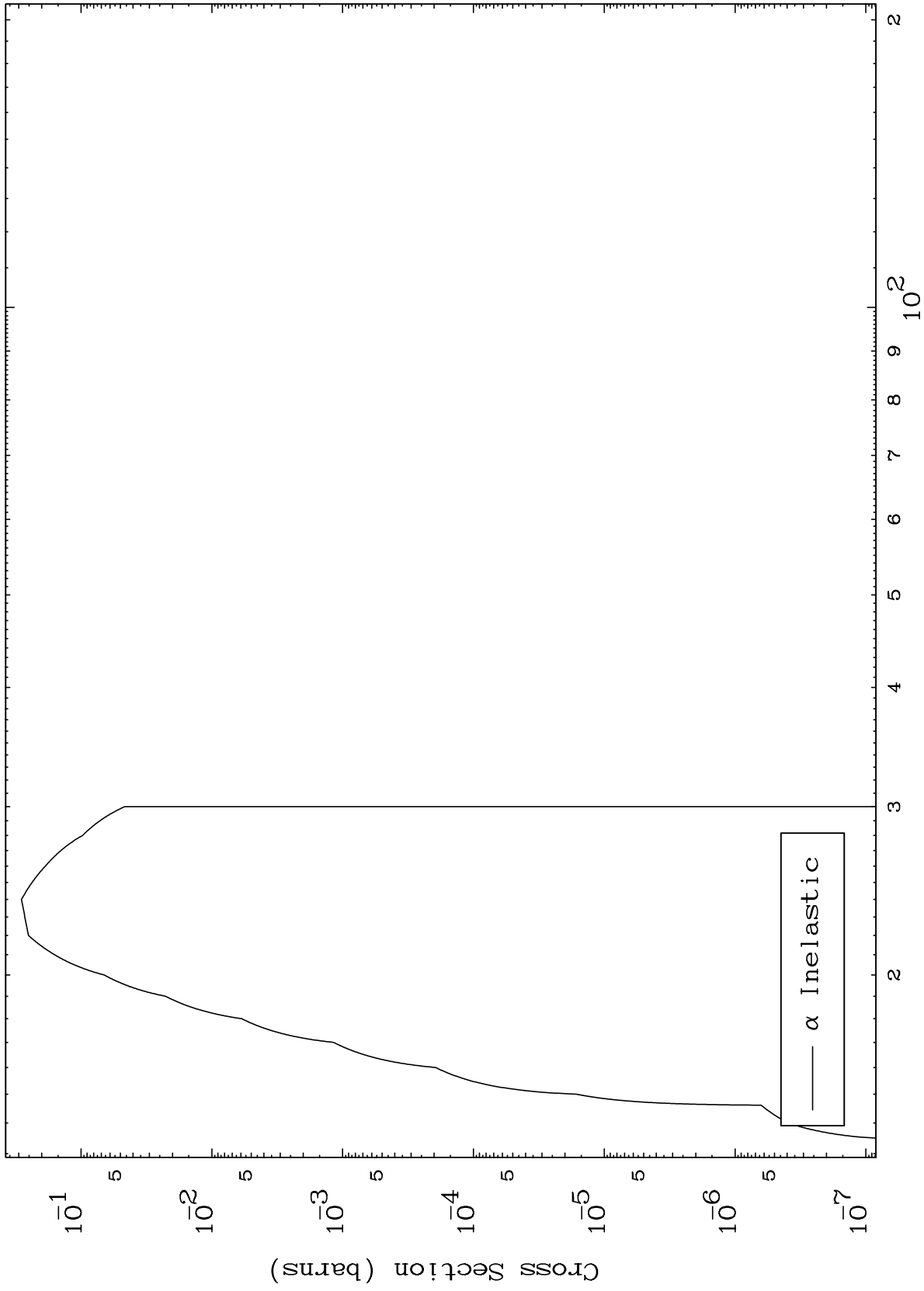
MAT 7902

α Charged Particle
0 Kelvin Cross Sections

79-Au-189



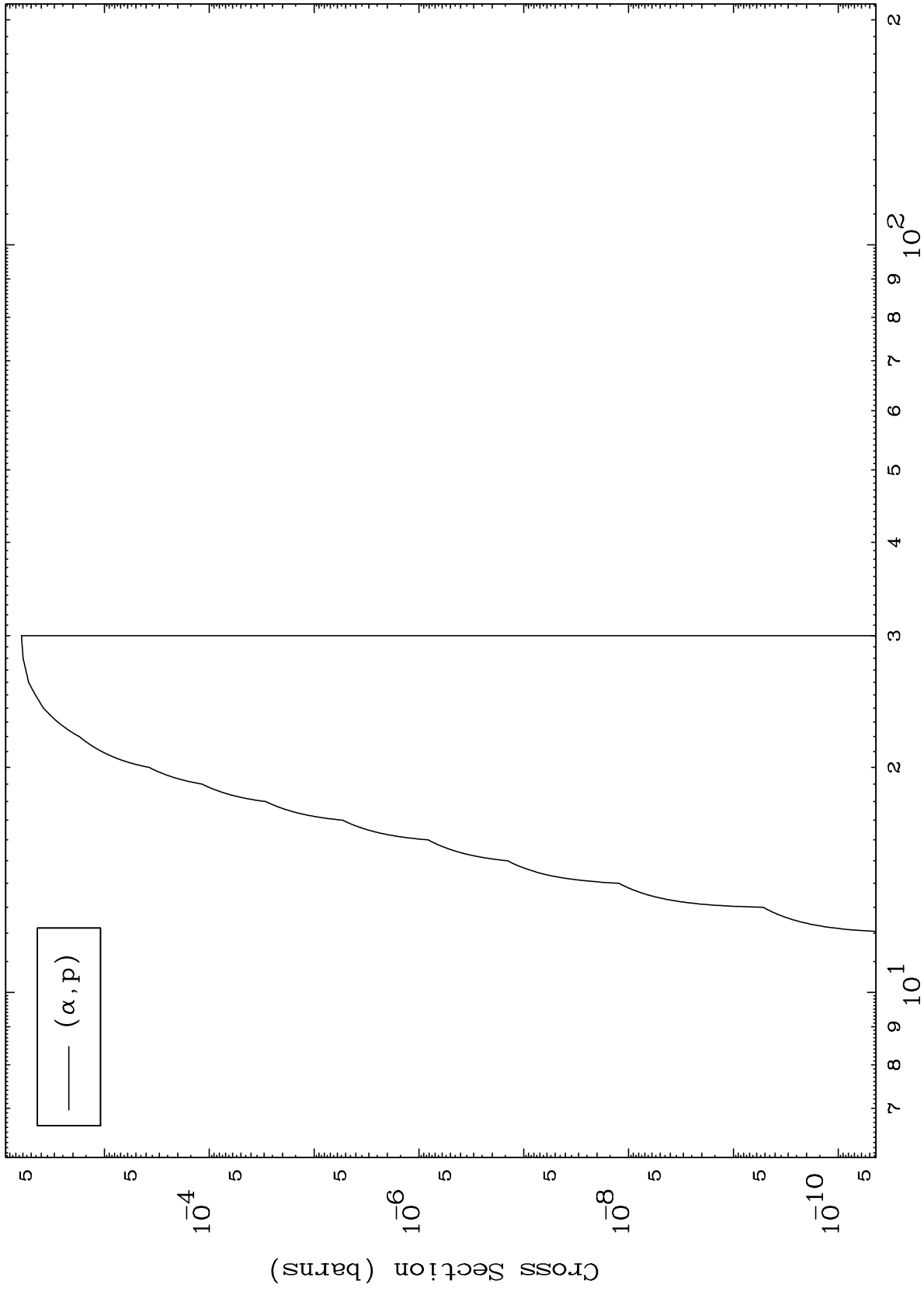
79-Au-189



MAT 7902

(α, p) Levels
0 Kelvin Cross Sections

79-Au-189



6

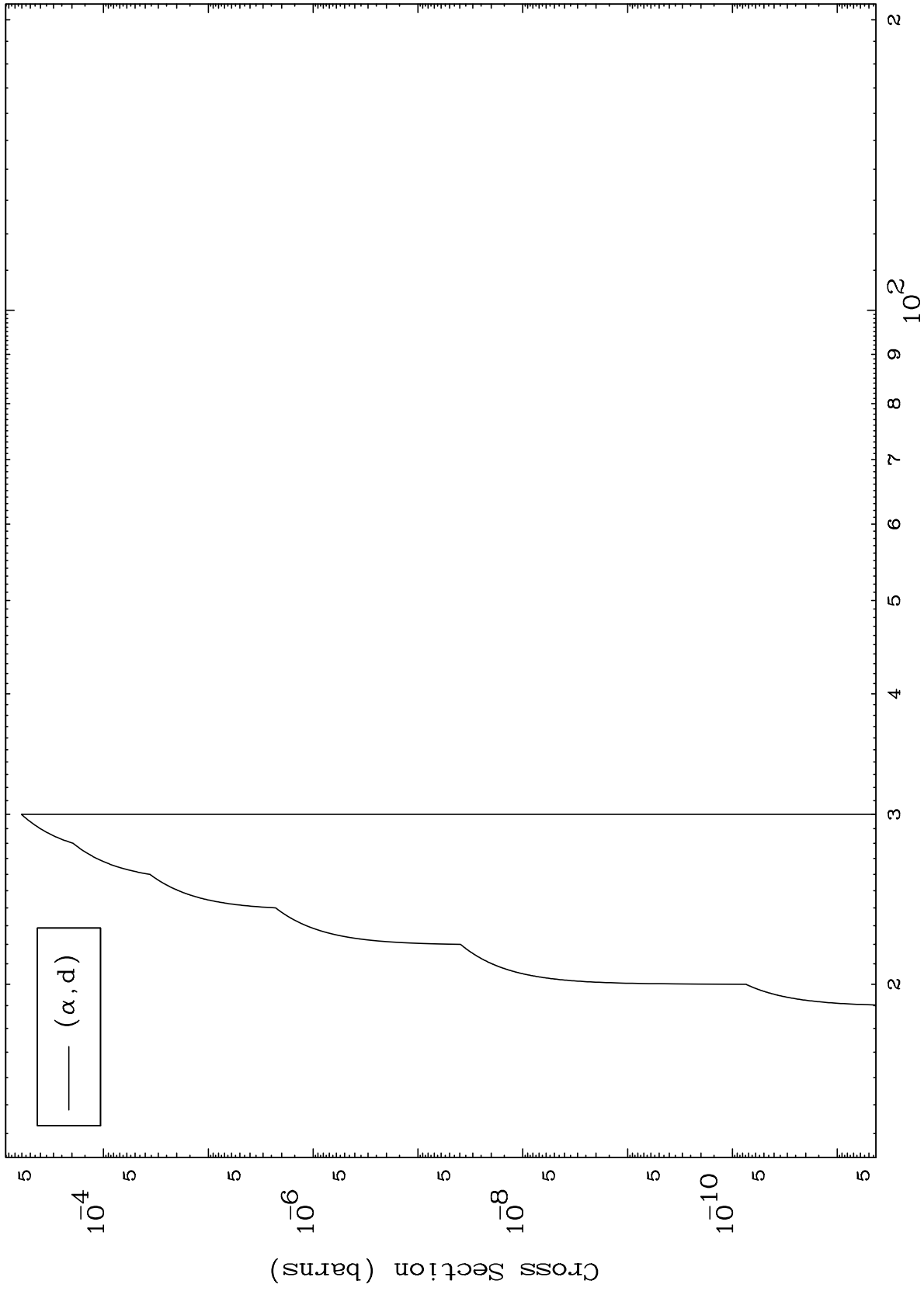
Incident Energy (MeV)

79-Au-189

MAT 7902

(α, d) Levels
0 Kelvin Cross Sections

79-Au-189



7

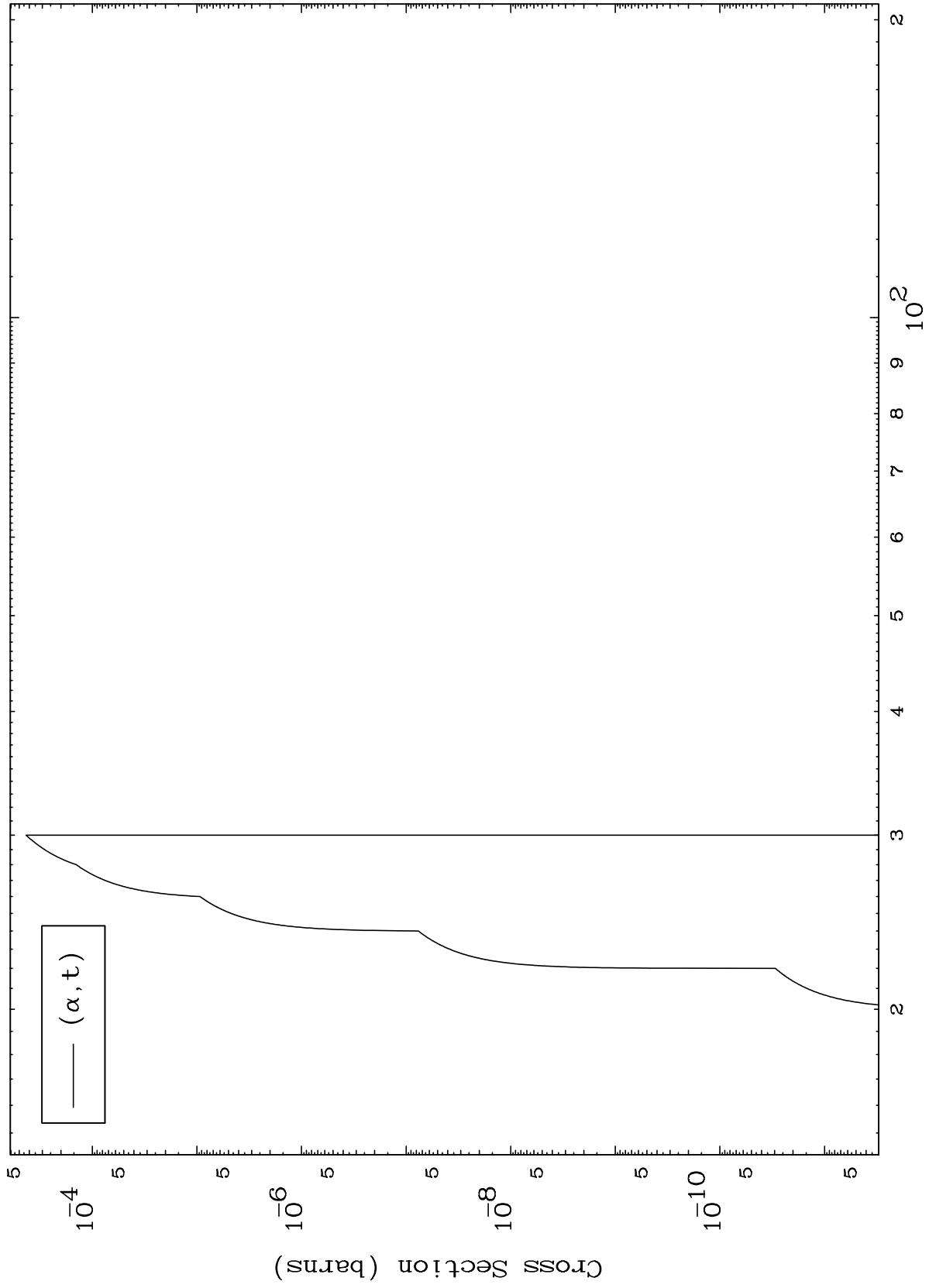
Incident Energy (MeV)

79-Au-189

MAT 7902

(α, t) Levels
0 Kelvin Cross Sections

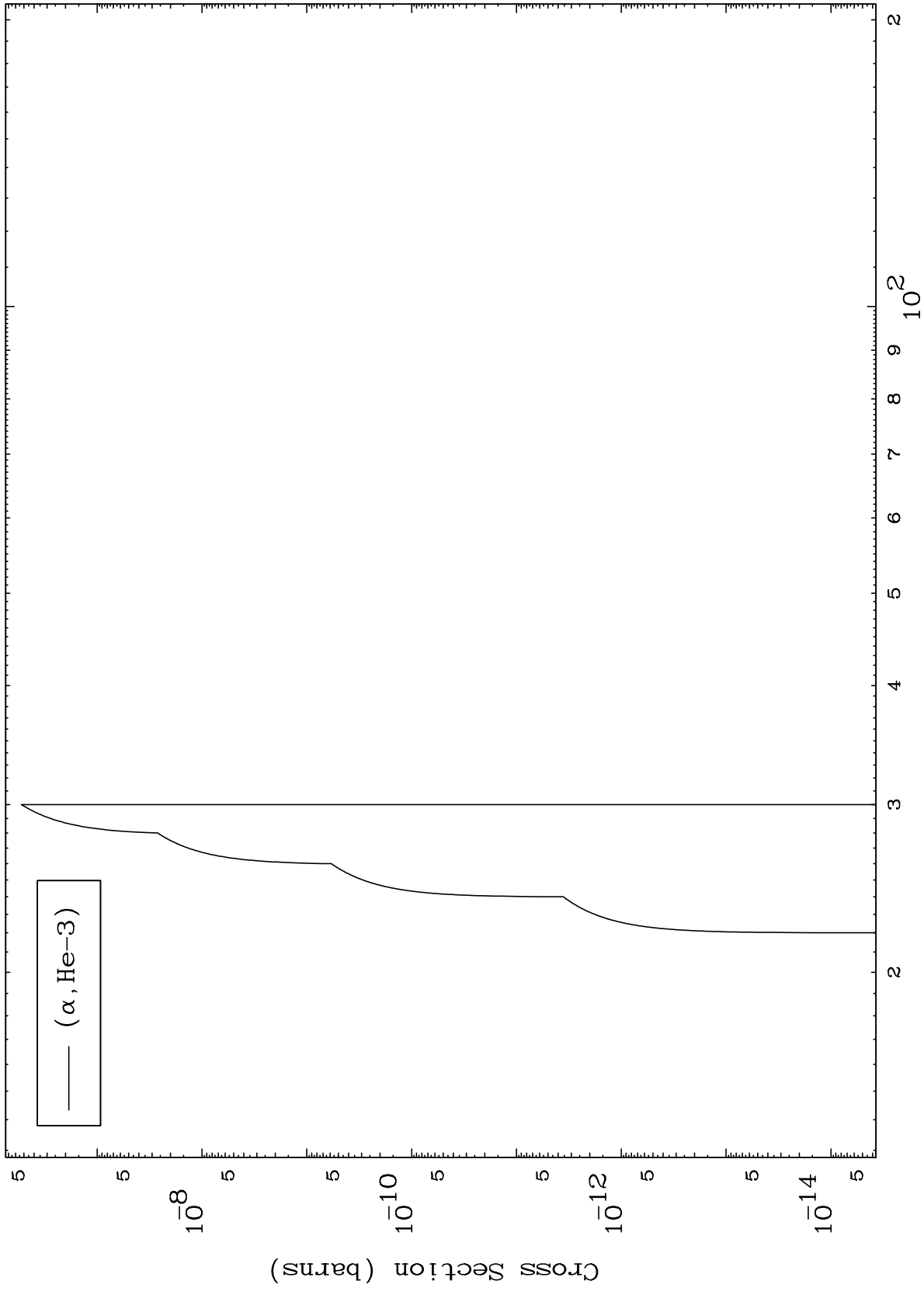
79-Au-189



8

Incident Energy (MeV)

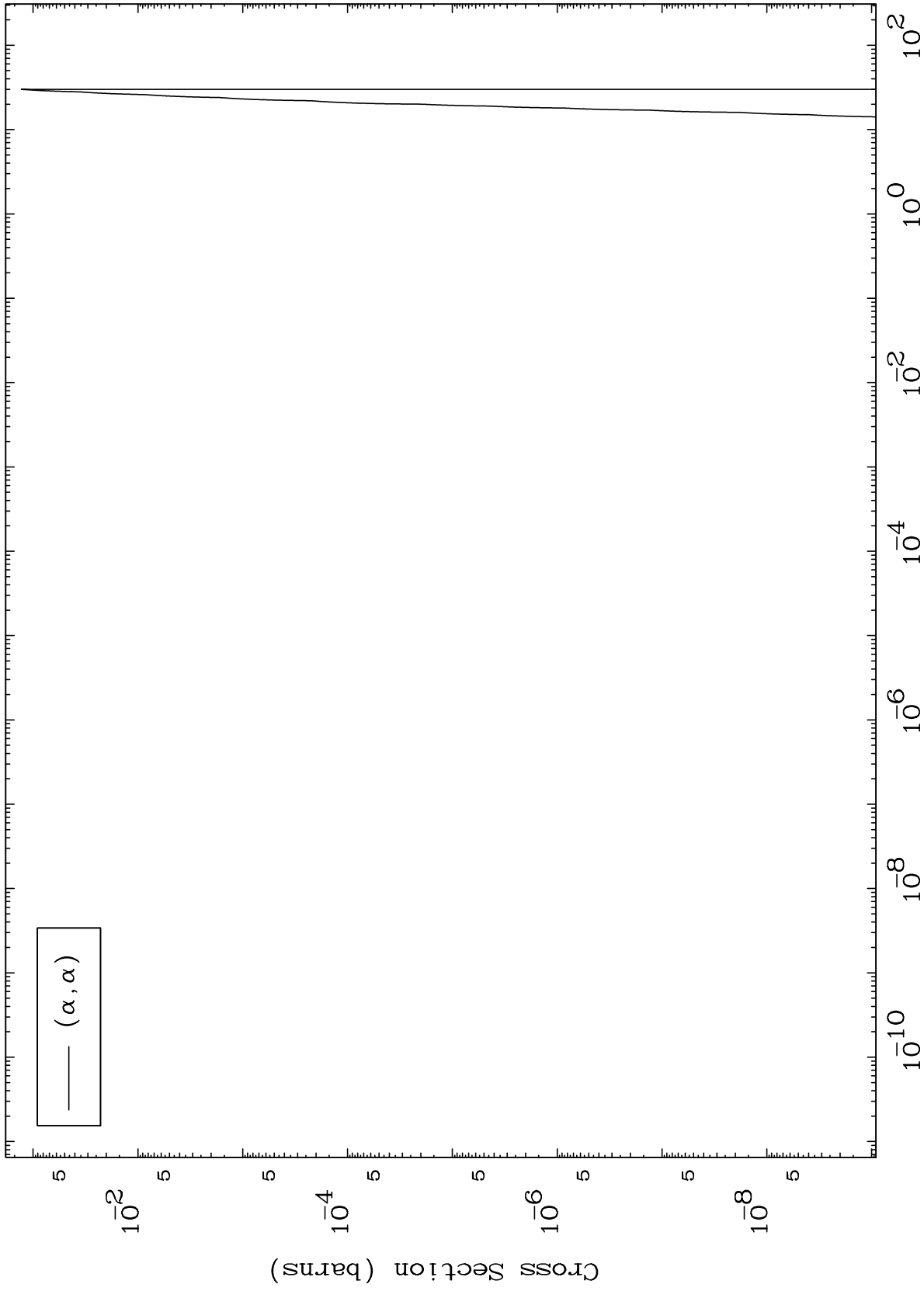
79-Au-189



MAT 7902

(α, α) Levels
0 Kelvin Cross Sections

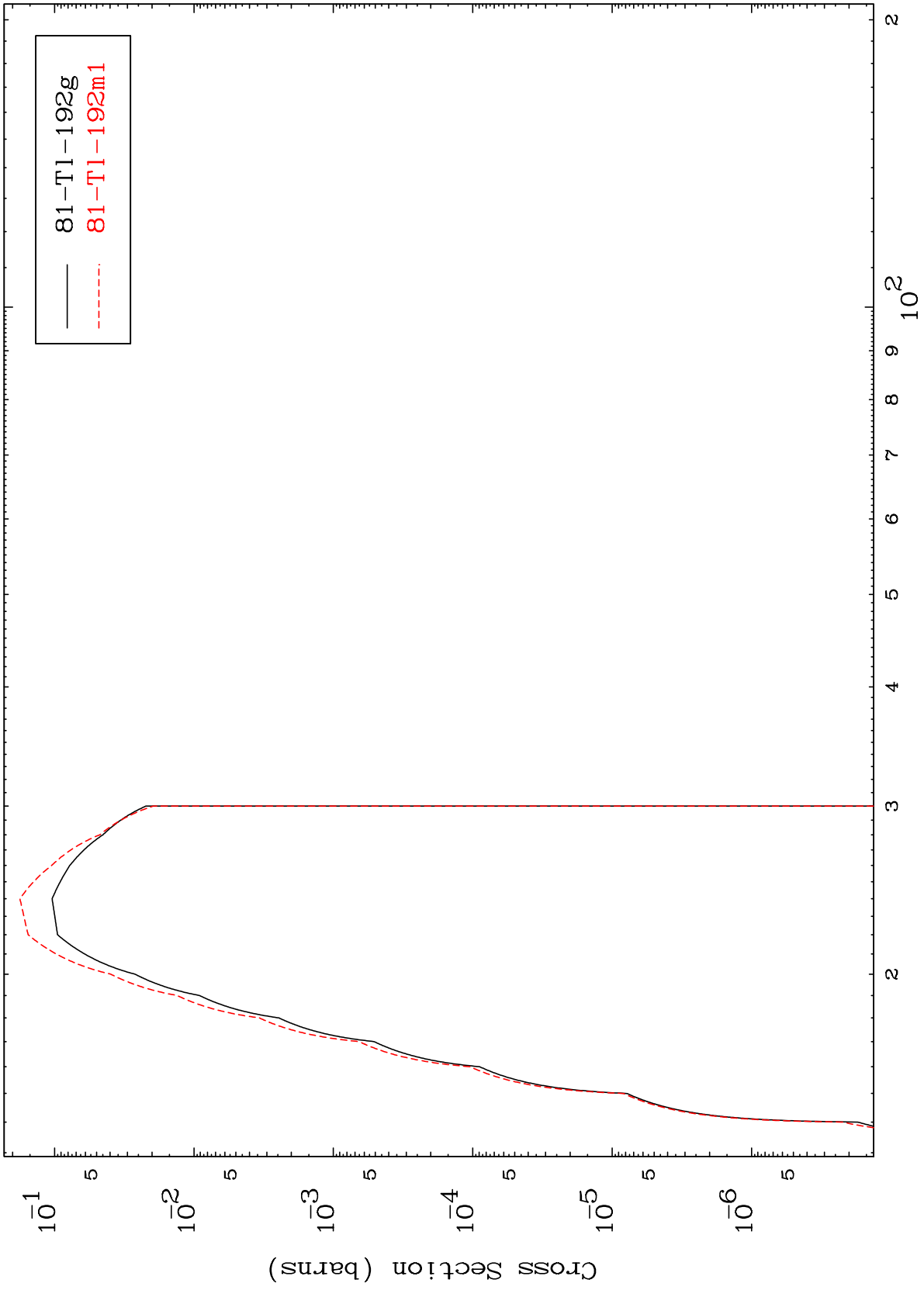
79-Au-189



10

Incident Energy (MeV)

79-Au-189

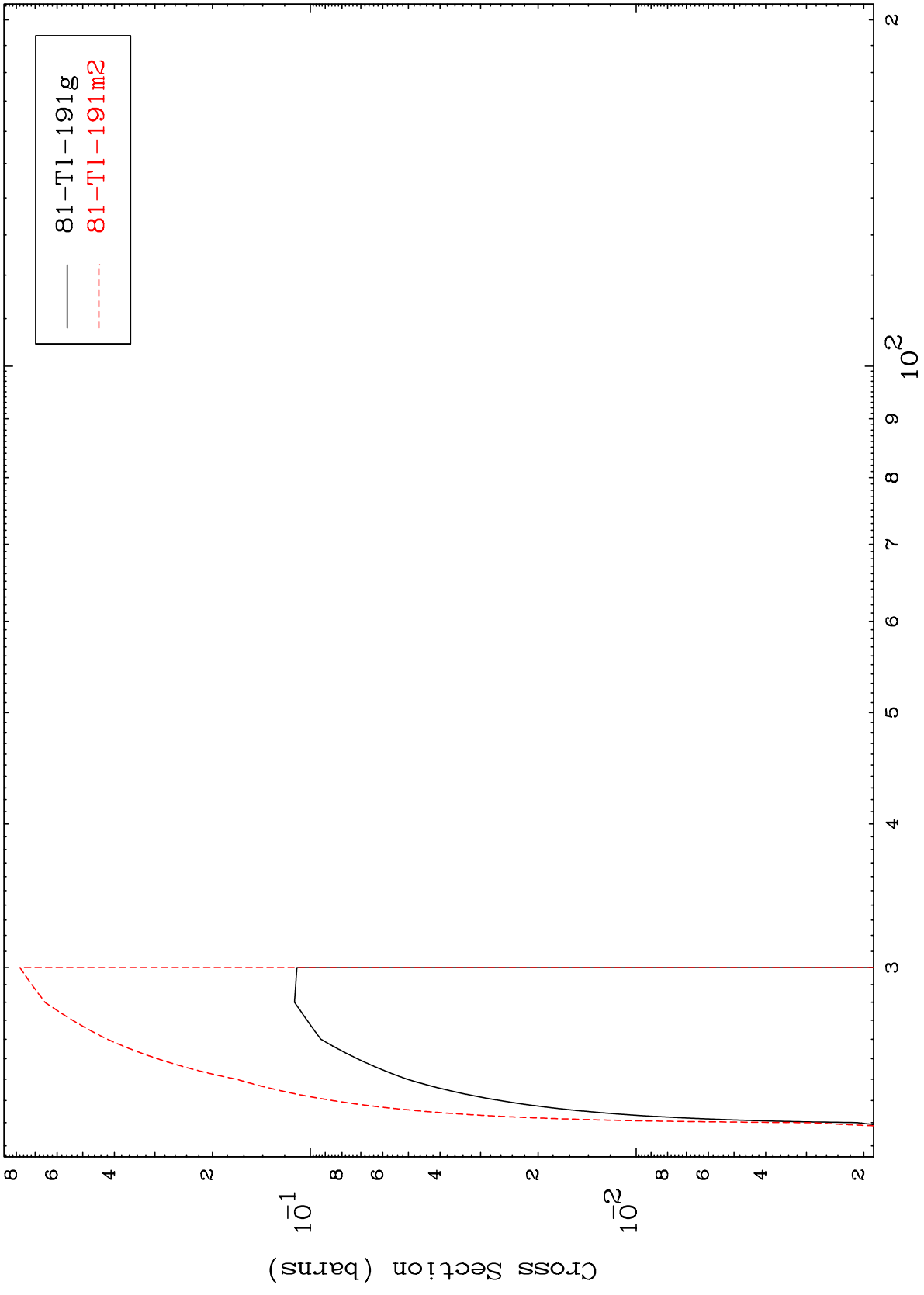


MAT 7902

($\alpha, 2n$)

79-Au-189

Radionuclide Production Cross Section



12

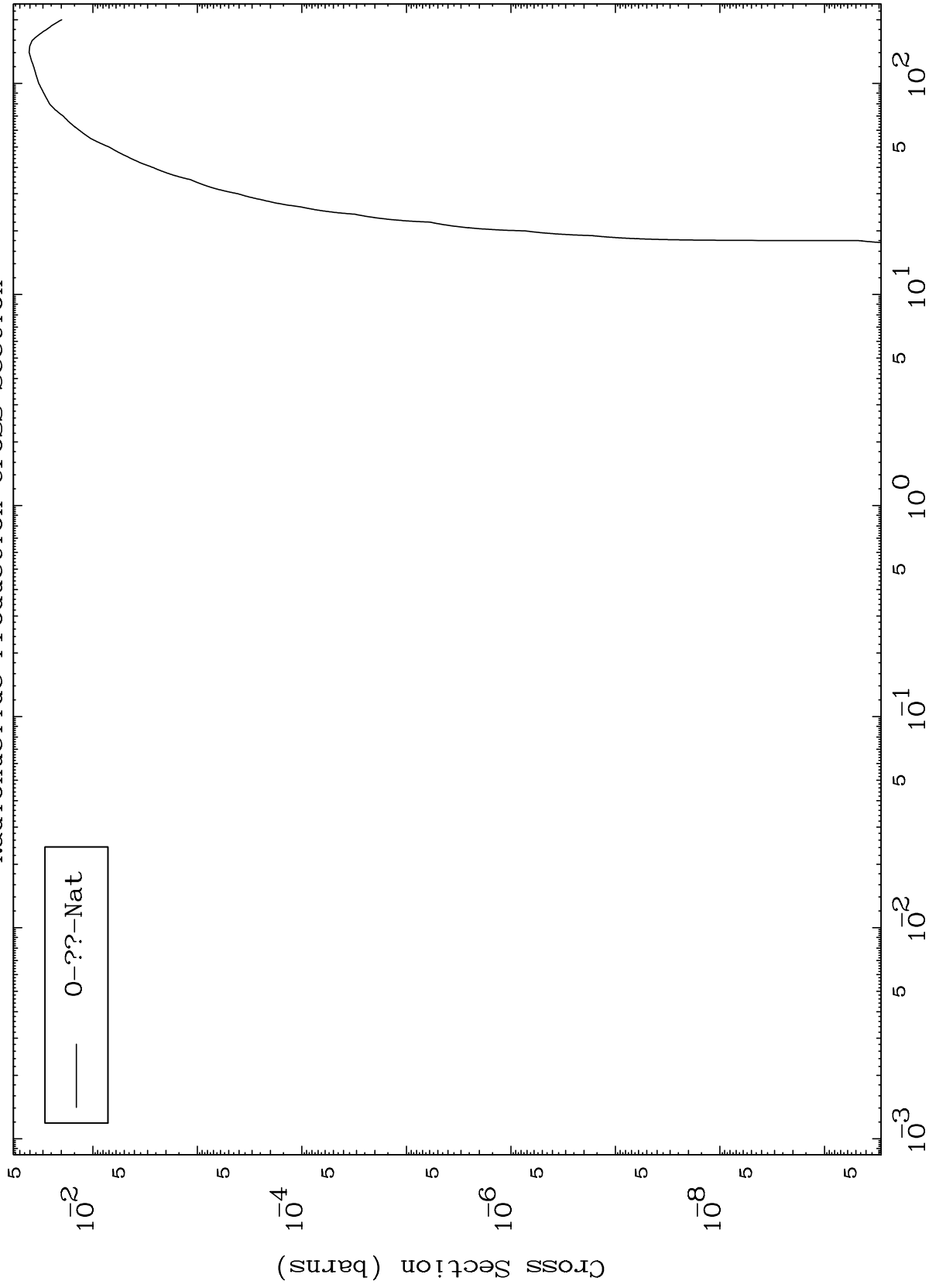
Incident Energy (MeV)

79-Au-189

MAT 7902

α Fission
Radionuclide Production Cross Section

79-Au-189



13

Incident Energy (MeV)

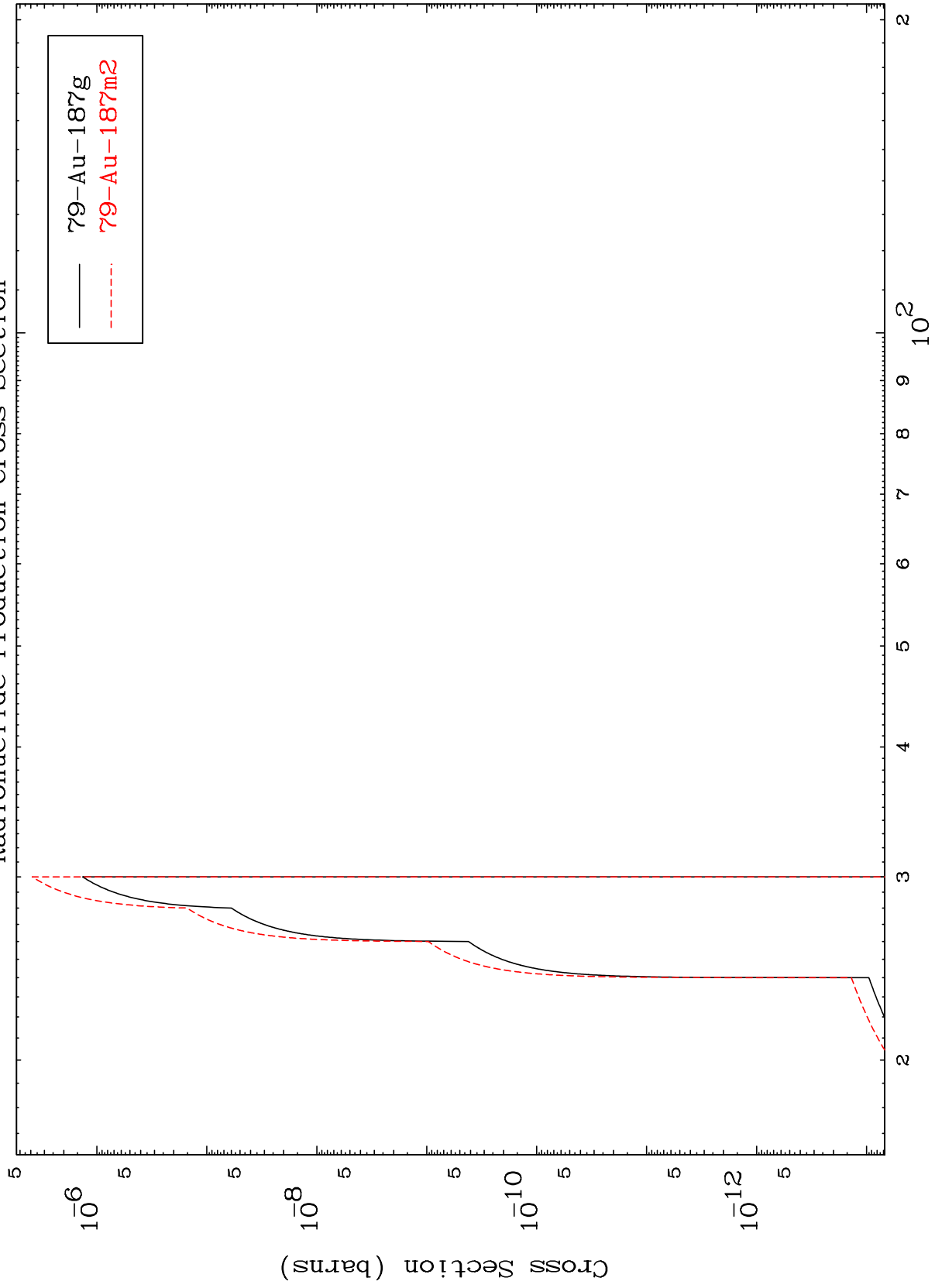
79-Au-189

MAT 7902

$(\alpha, 2n) \alpha$

$^{79}\text{Au-189}$

Radionuclide Production Cross Section



14

Incident Energy (MeV)

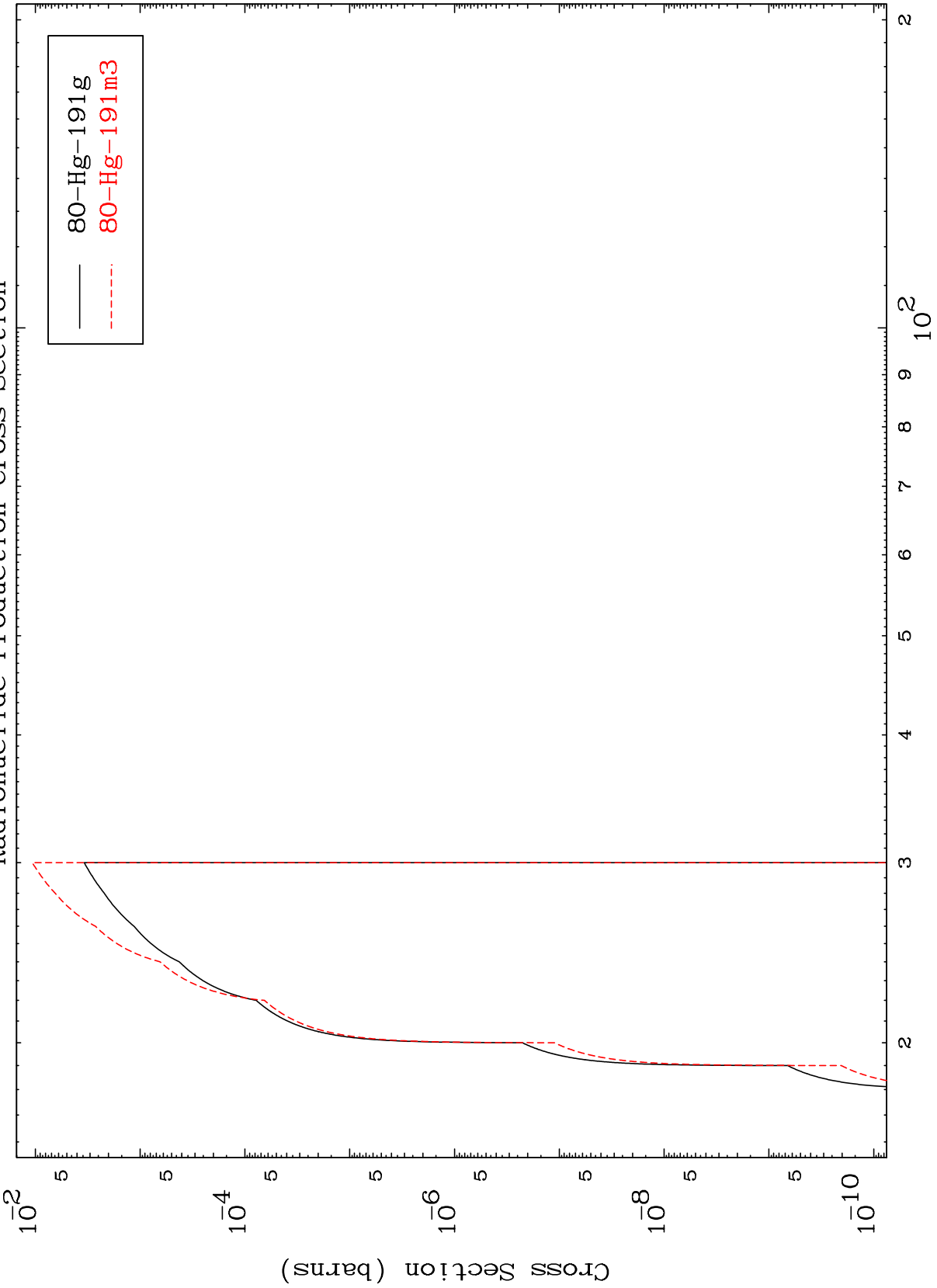
$^{79}\text{Au-189}$

MAT 7902

(α, n') p

79-Au-189

Radionuclide Production Cross Section



15

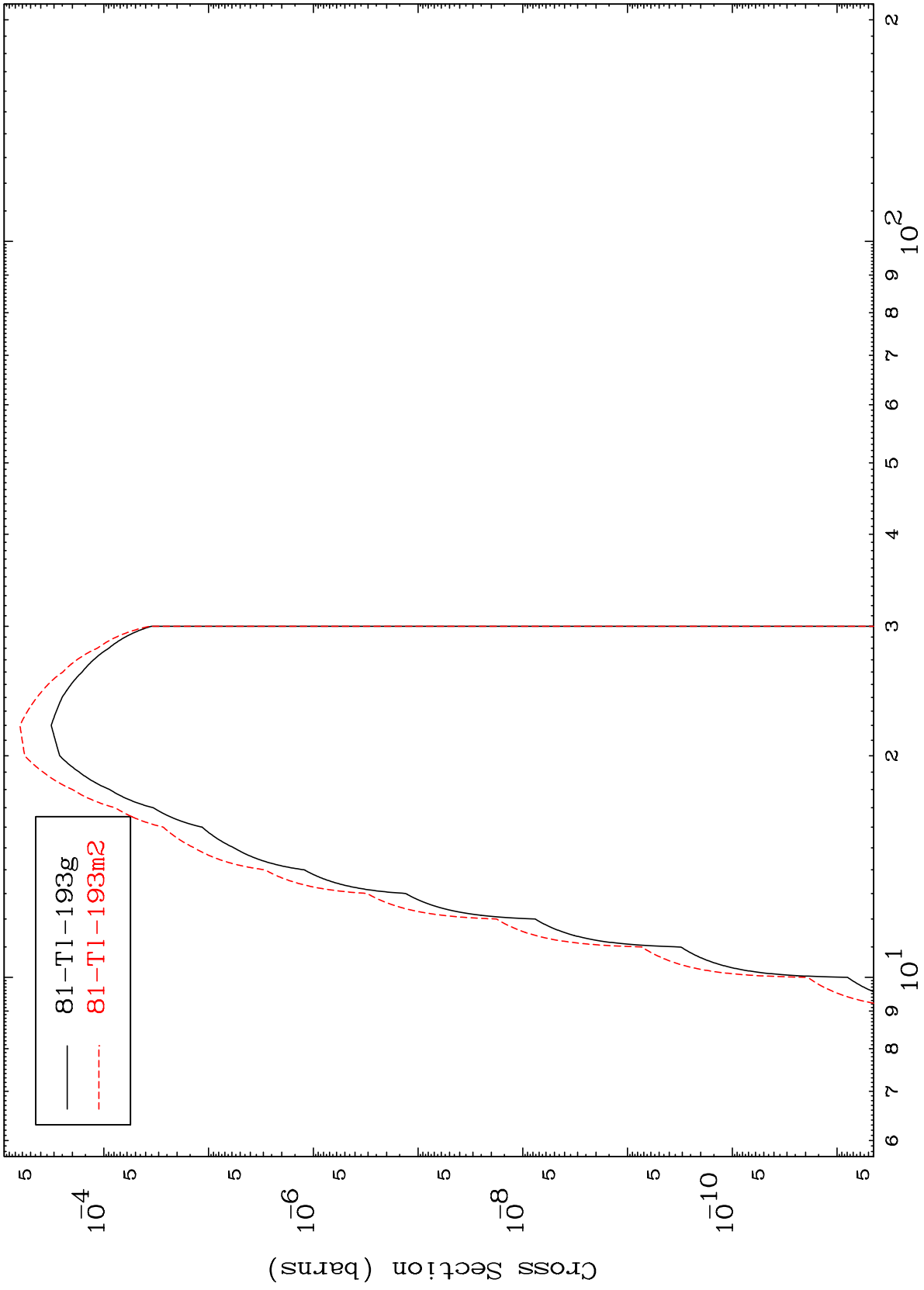
Incident Energy (MeV)

79-Au-189

MAT 7902

79-Au-189

(α, γ)
Radionuclide Production Cross Section



16

Incident Energy (MeV)

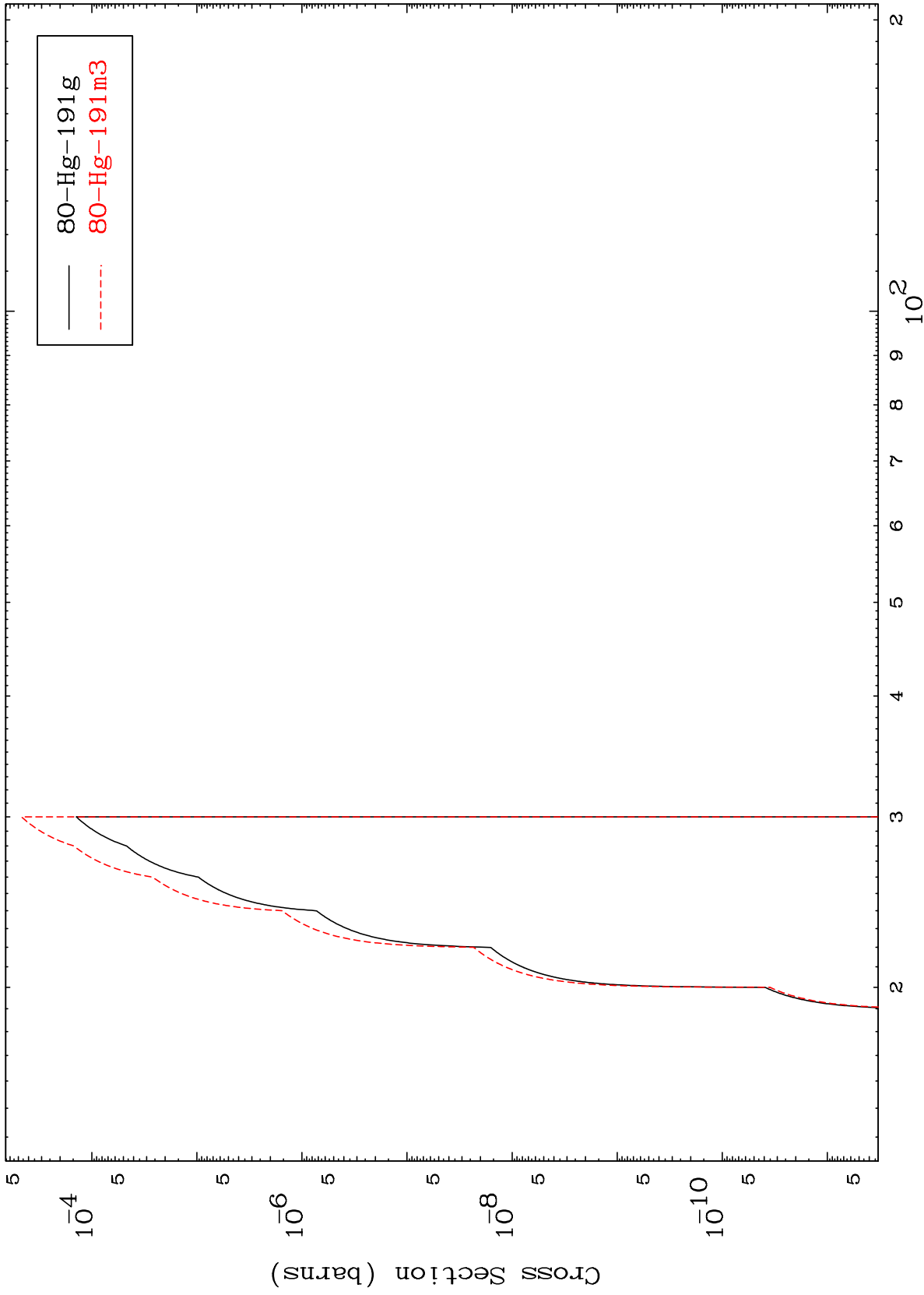
79-Au-189

MAT 7902

(α, d)

79-Au-189

Radionuclide Production Cross Section



17

Incident Energy (MeV)

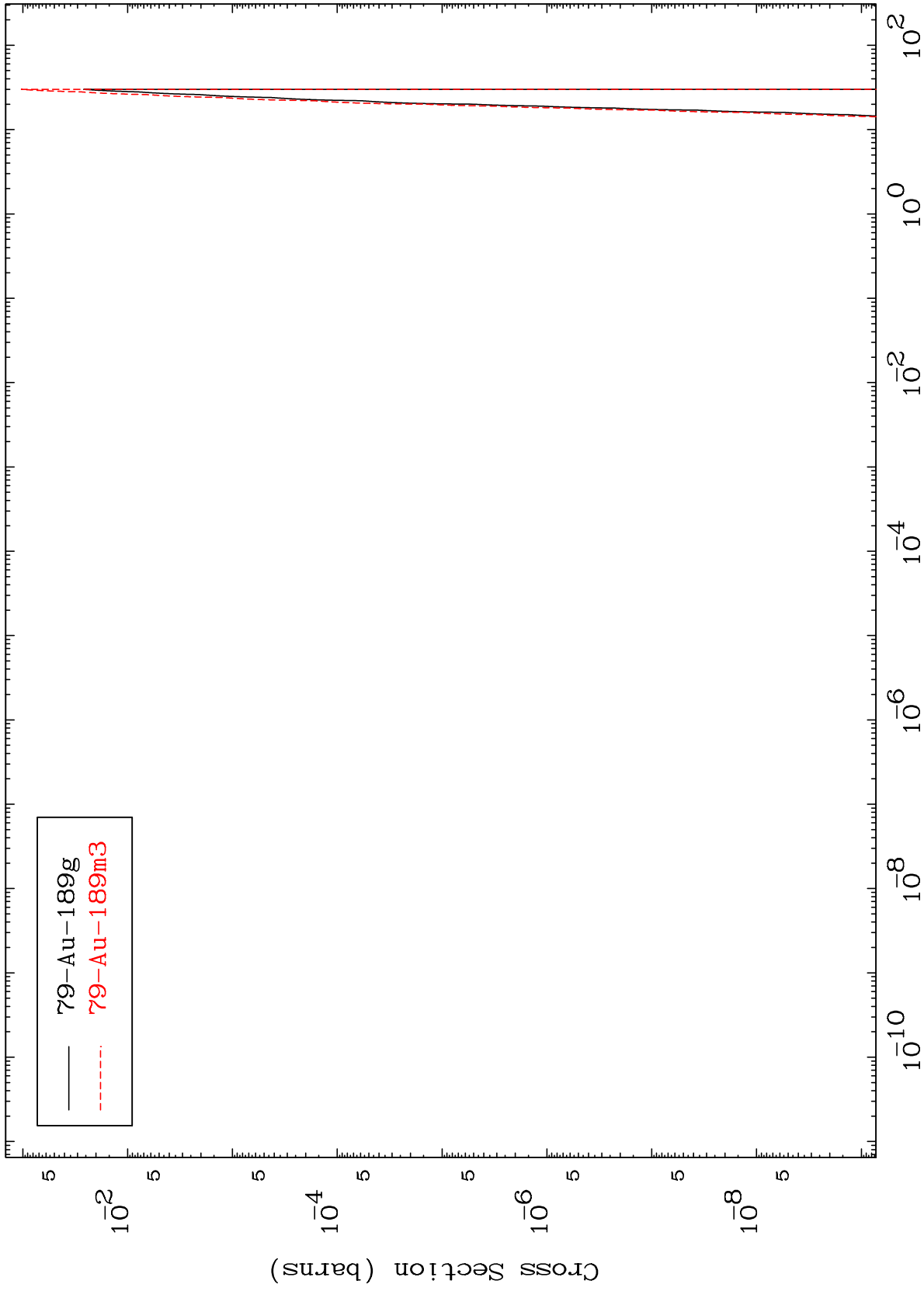
79-Au-189

MAT 7902

(α, α)

⁷⁹Au-189

Radionuclide Production Cross Section



18

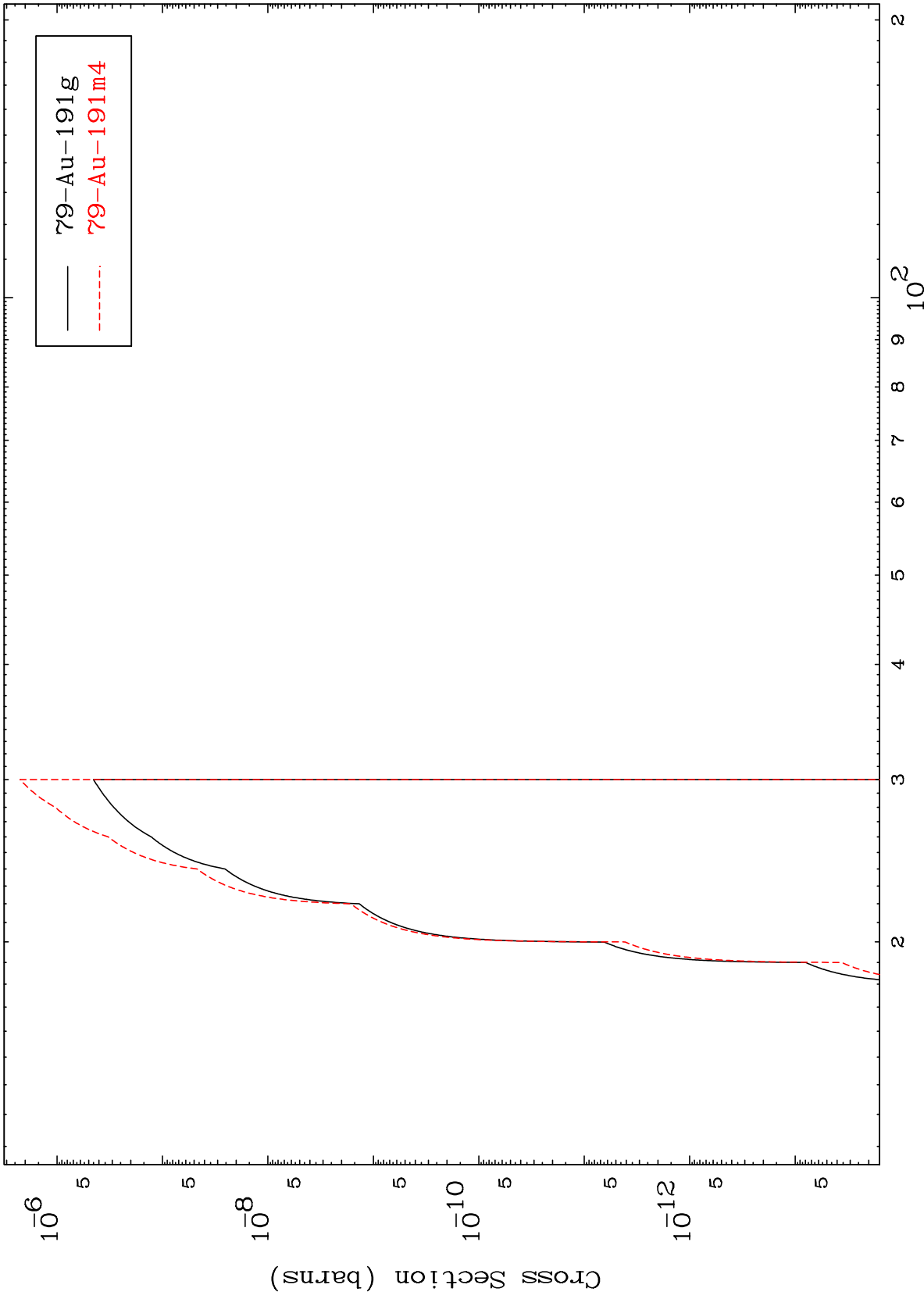
Incident Energy (MeV)

⁷⁹Au-189

MAT 7902

⁷⁹Au-189

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



19

Incident Energy (MeV)

⁷⁹Au-189