

Program EVALPLOT
(Version 2018-1)

by

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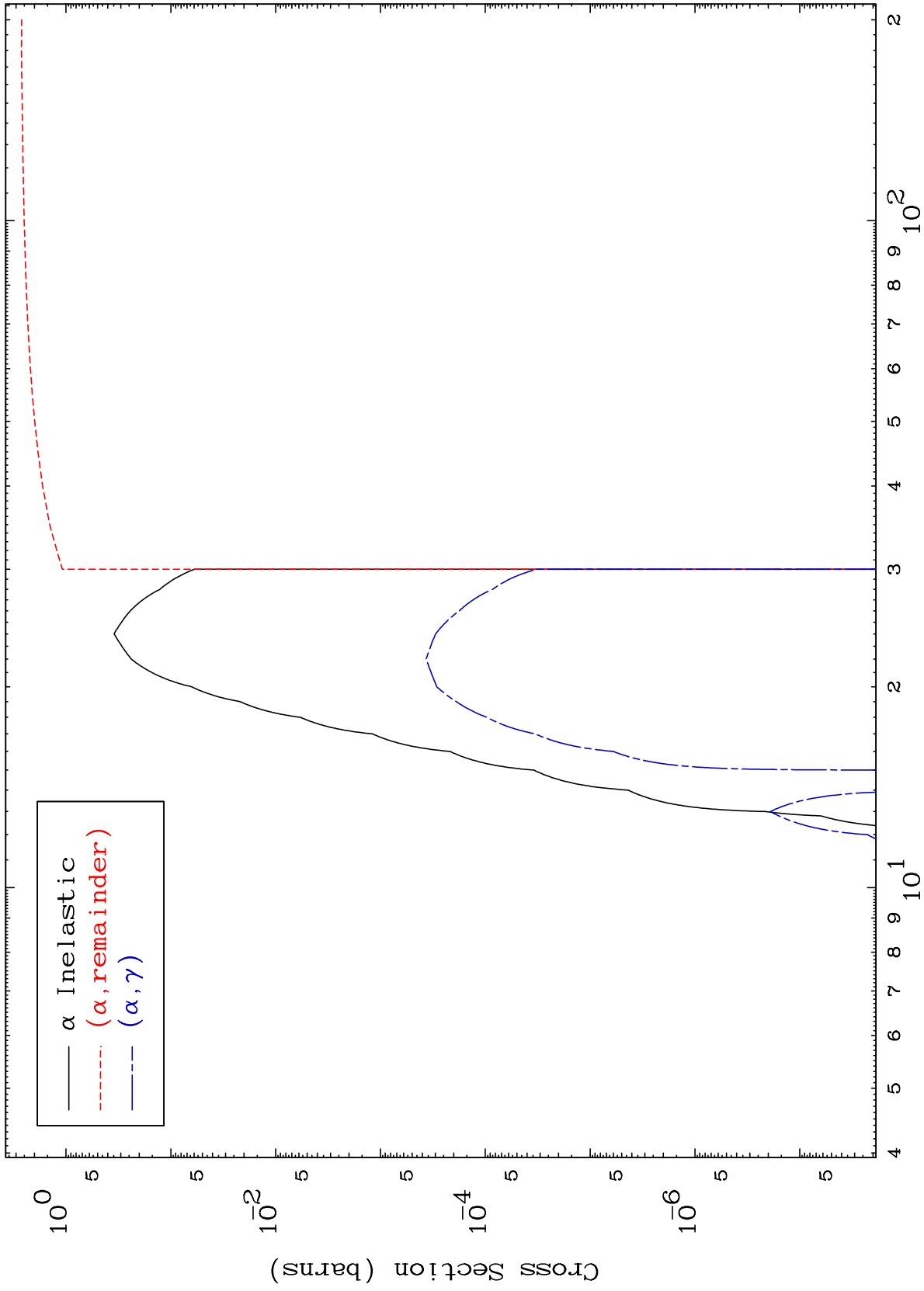
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7898

0 Kelvin α Major
Cross Sections

79-Au-188



1

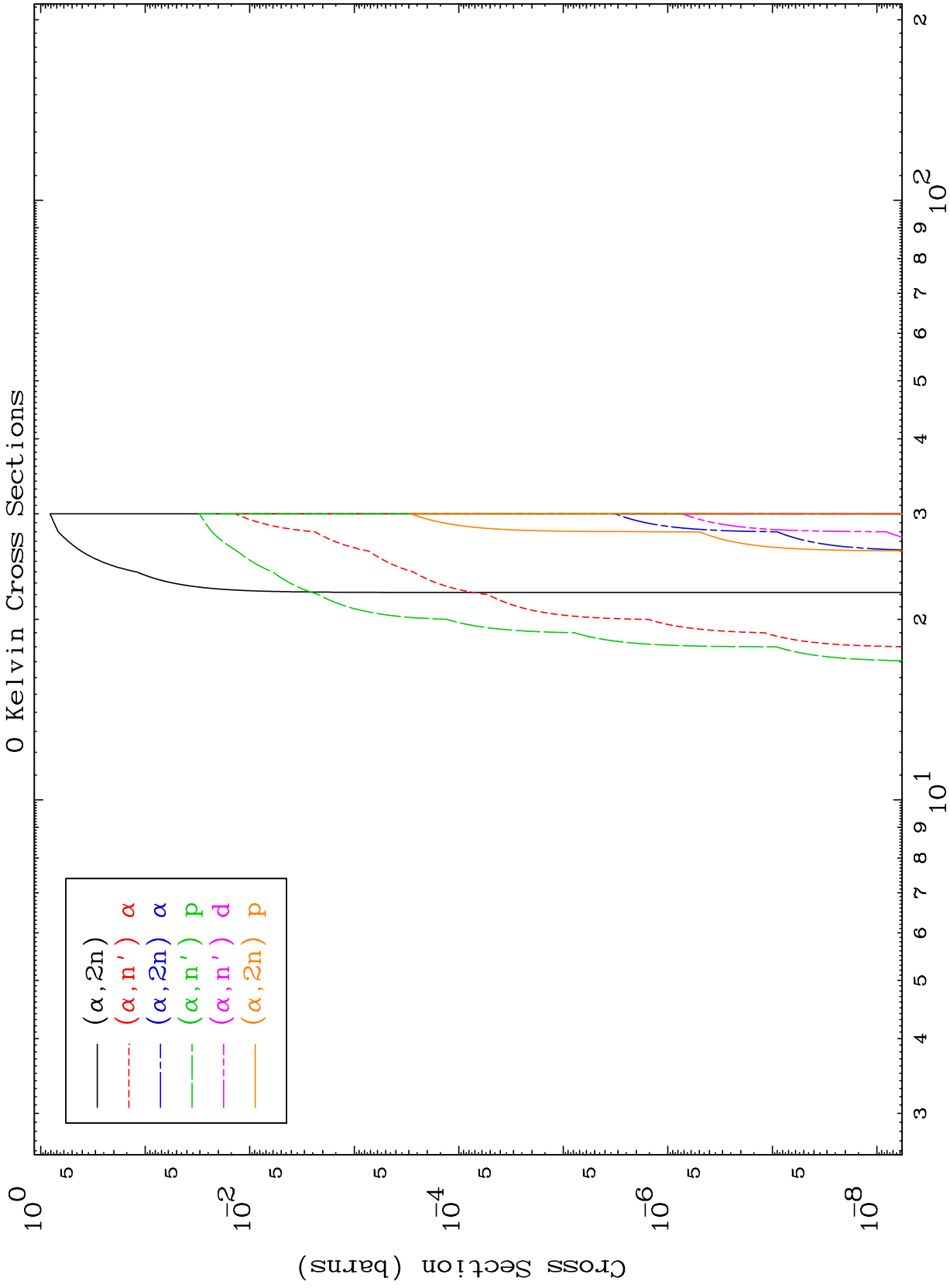
Incident Energy (MeV)

79-Au-188

MAT 7898

α Neutron Production
0 Kelvin Cross Sections

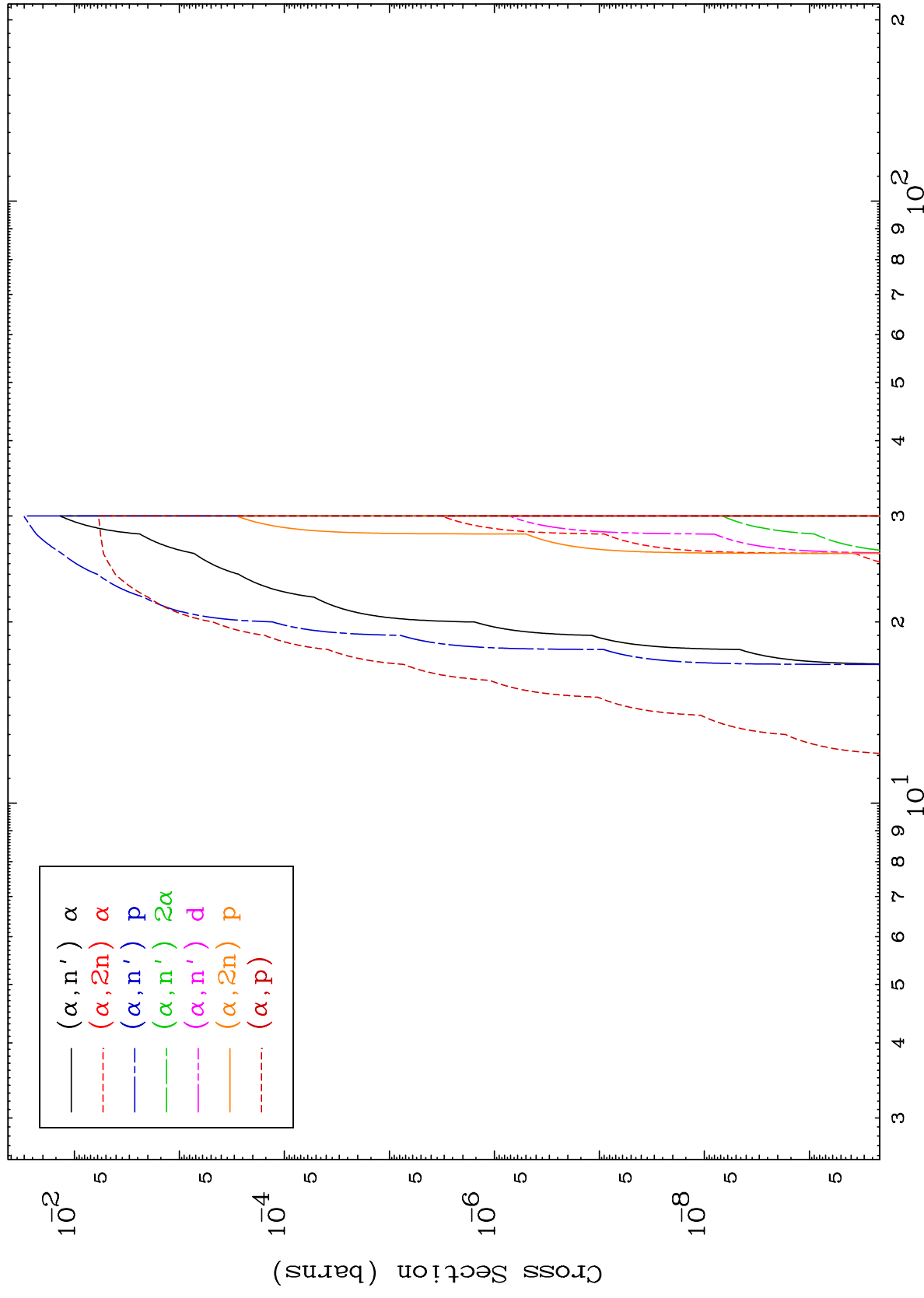
79-Au-188



2

Incident Energy (MeV)

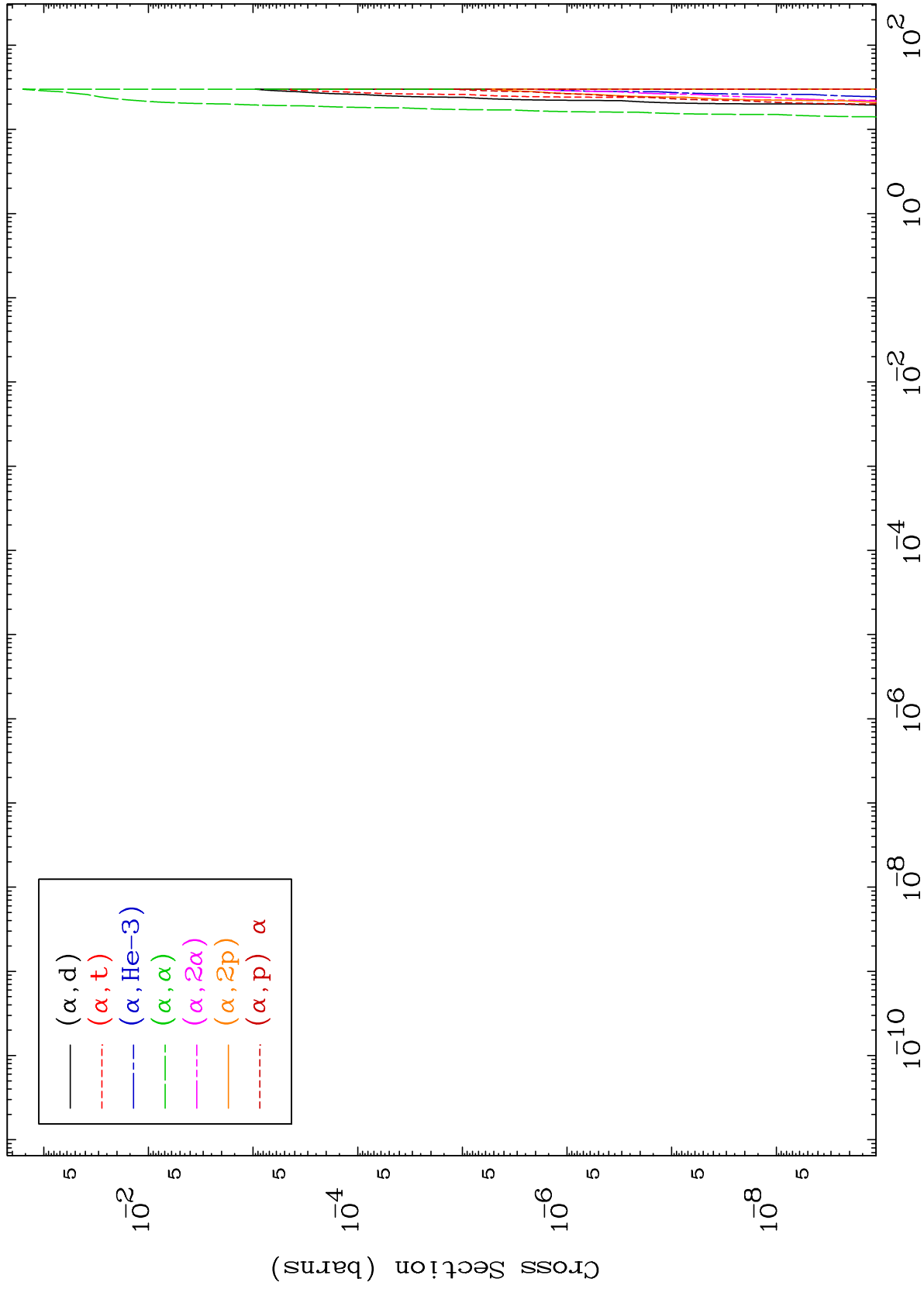
79-Au-188



MAT 7898

α Charged Particle
0 Kelvin Cross Sections

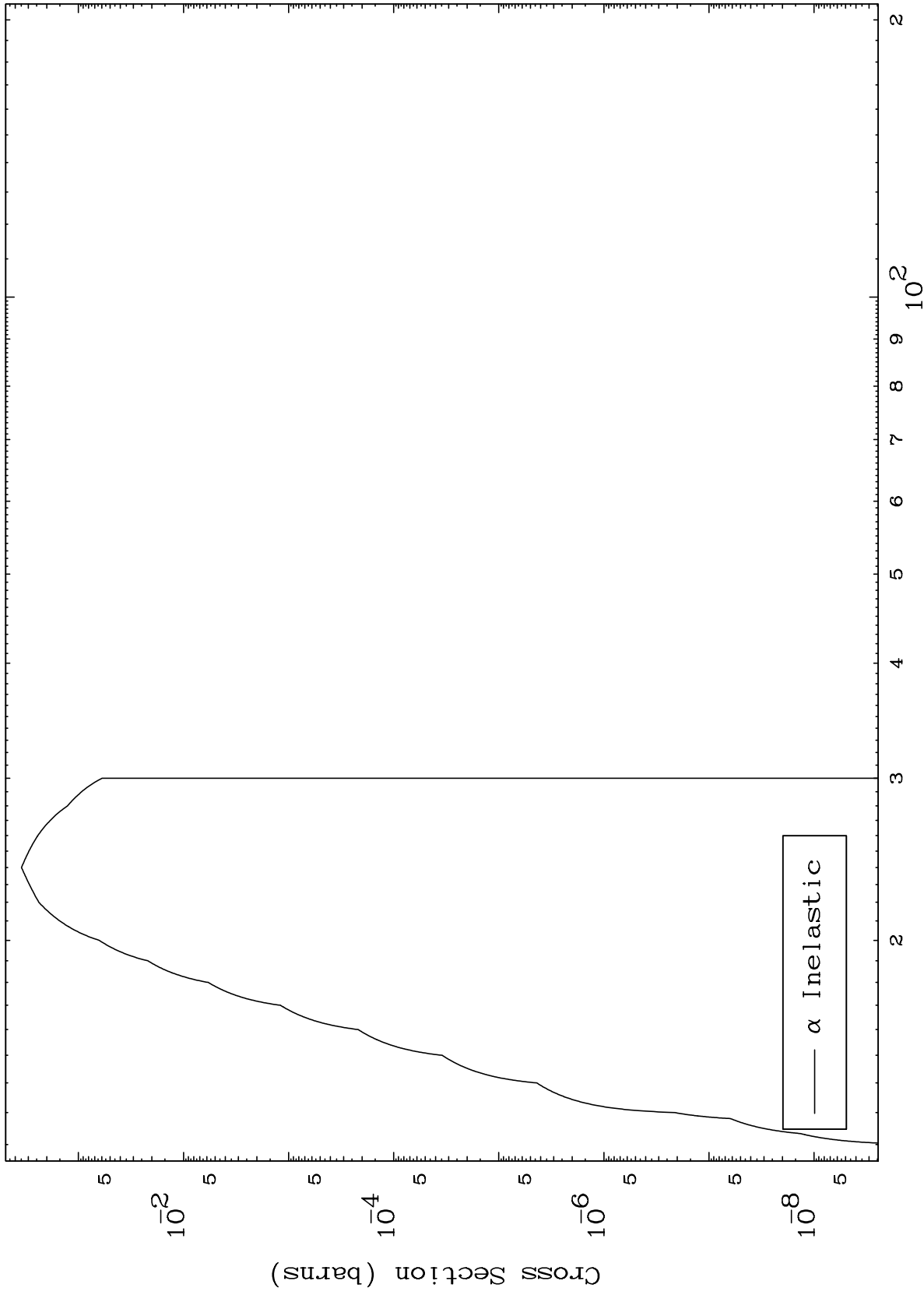
79-Au-188



MAT 7898

(α, n') Level
0 Kelvin Cross Sections

79-Au-188



5

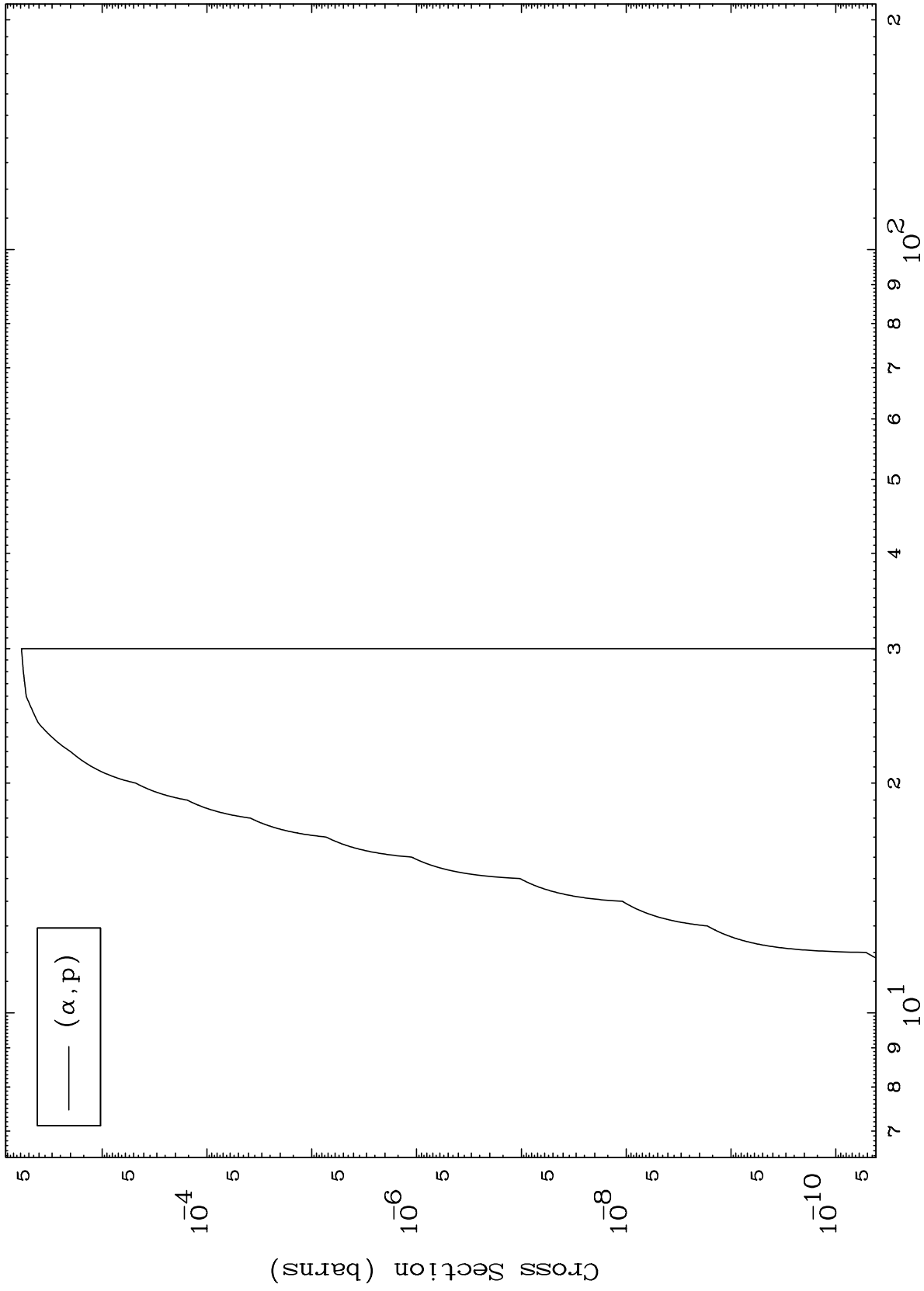
Incident Energy (MeV)

79-Au-188

MAT 7898

(α, p) Levels
0 Kelvin Cross Sections

79-Au-188



6

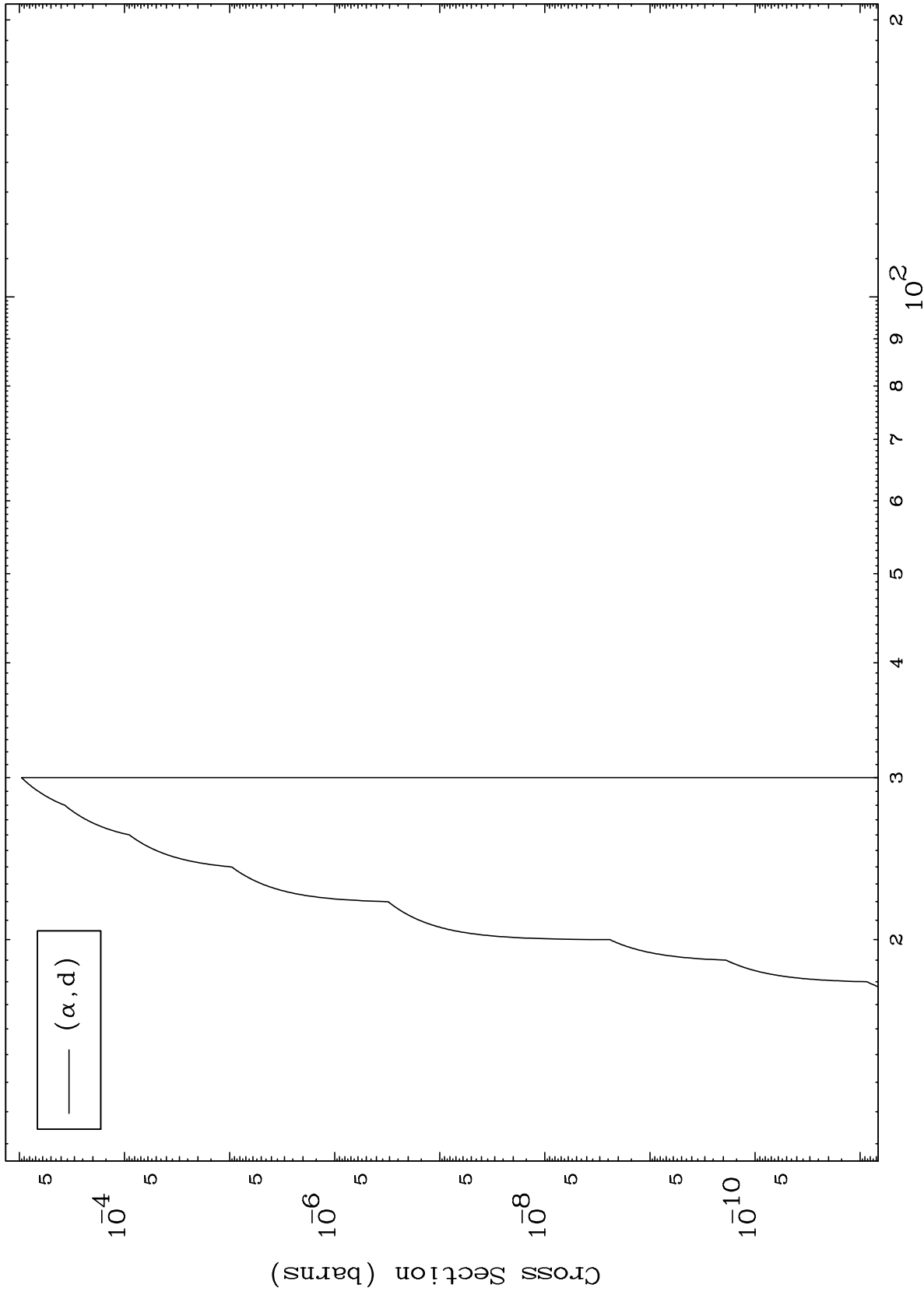
Incident Energy (MeV)

79-Au-188

MAT 7898

(α, d) Levels
0 Kelvin Cross Sections

79-Au-188



7

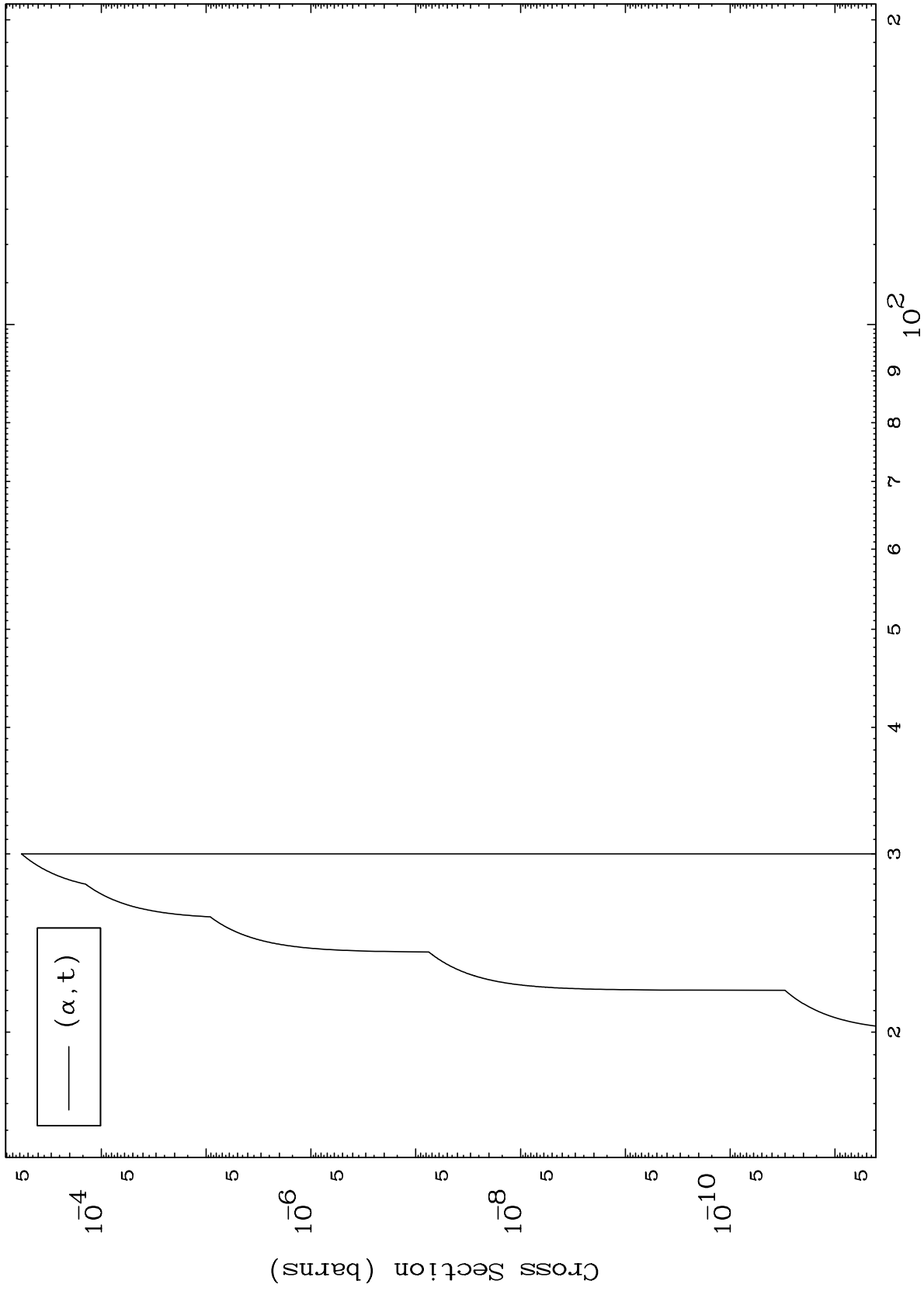
Incident Energy (MeV)

79-Au-188

MAT 7898

(α, t) Levels
0 Kelvin Cross Sections

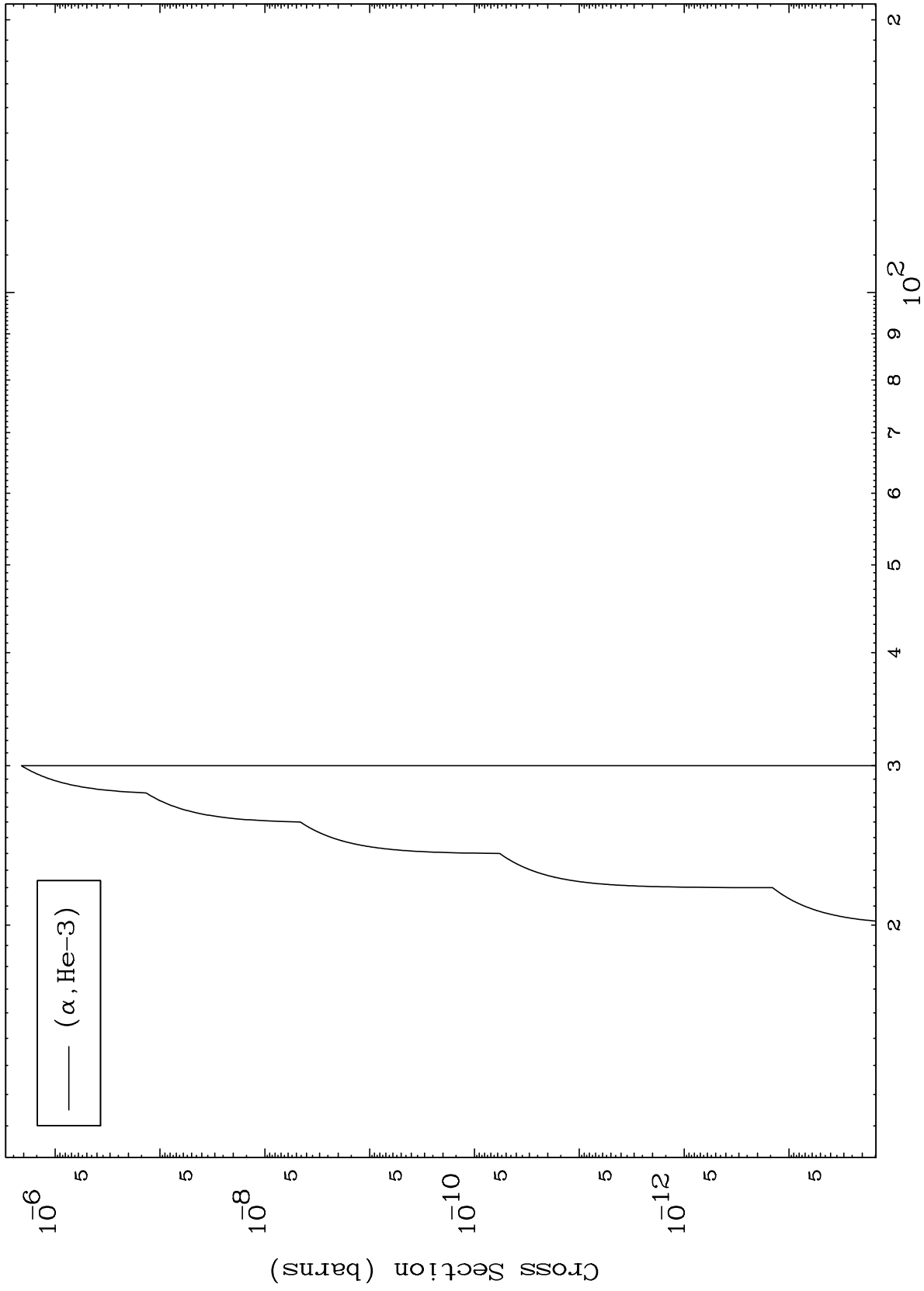
79-Au-188



8

Incident Energy (MeV)

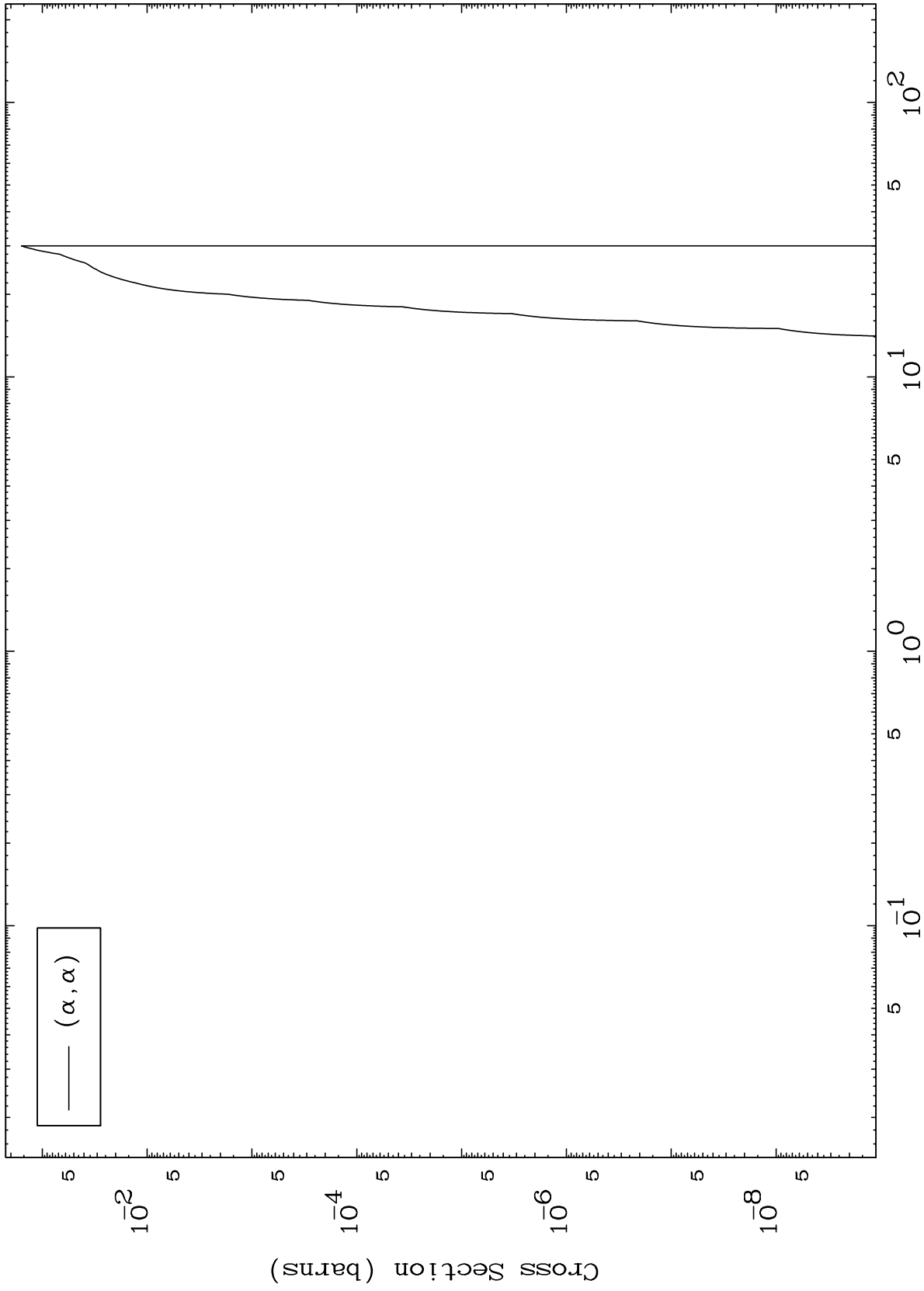
79-Au-188



MAT 7898

(α, α) Levels
0 Kelvin Cross Sections

79-Au-188

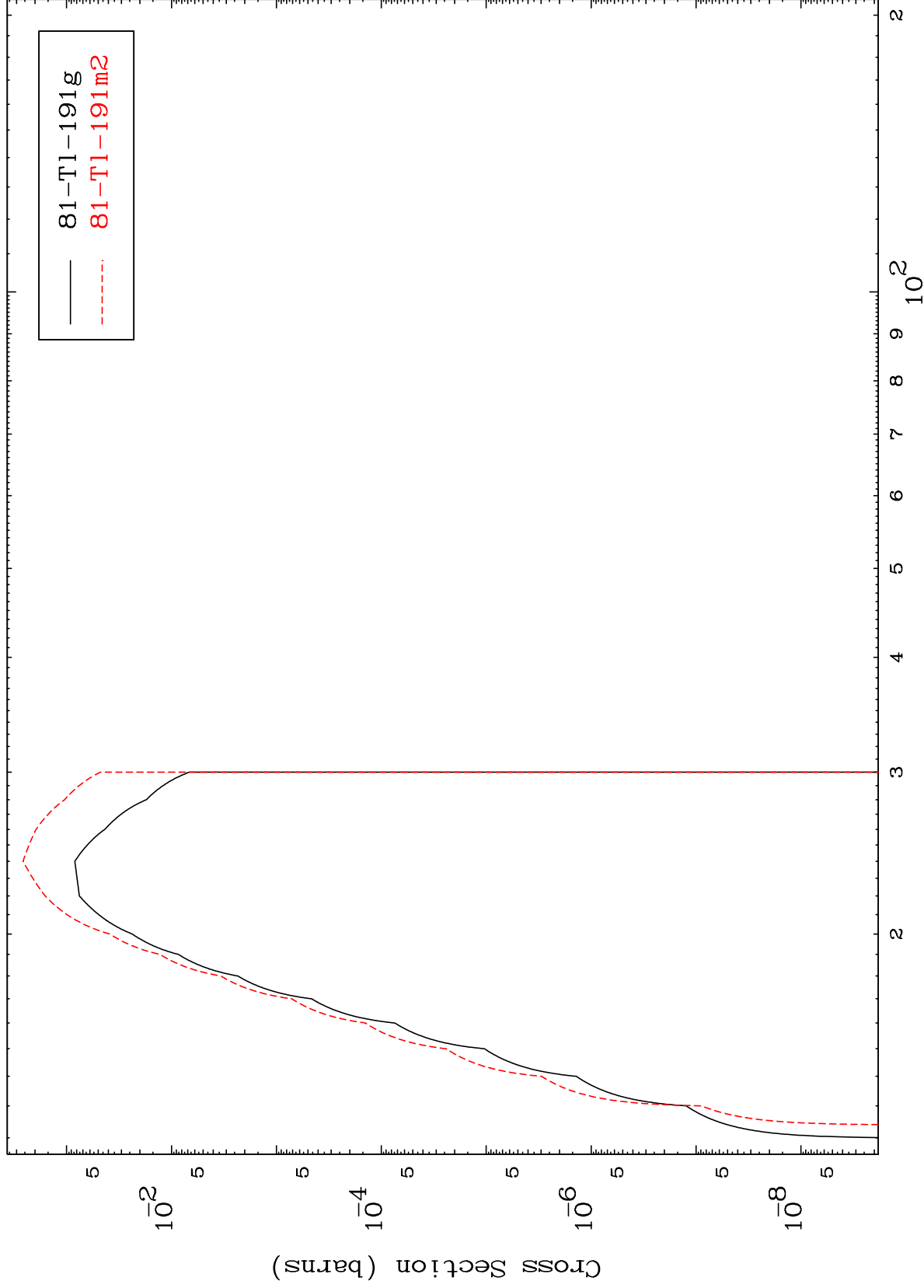


10

Incident Energy (MeV)

79-Au-188

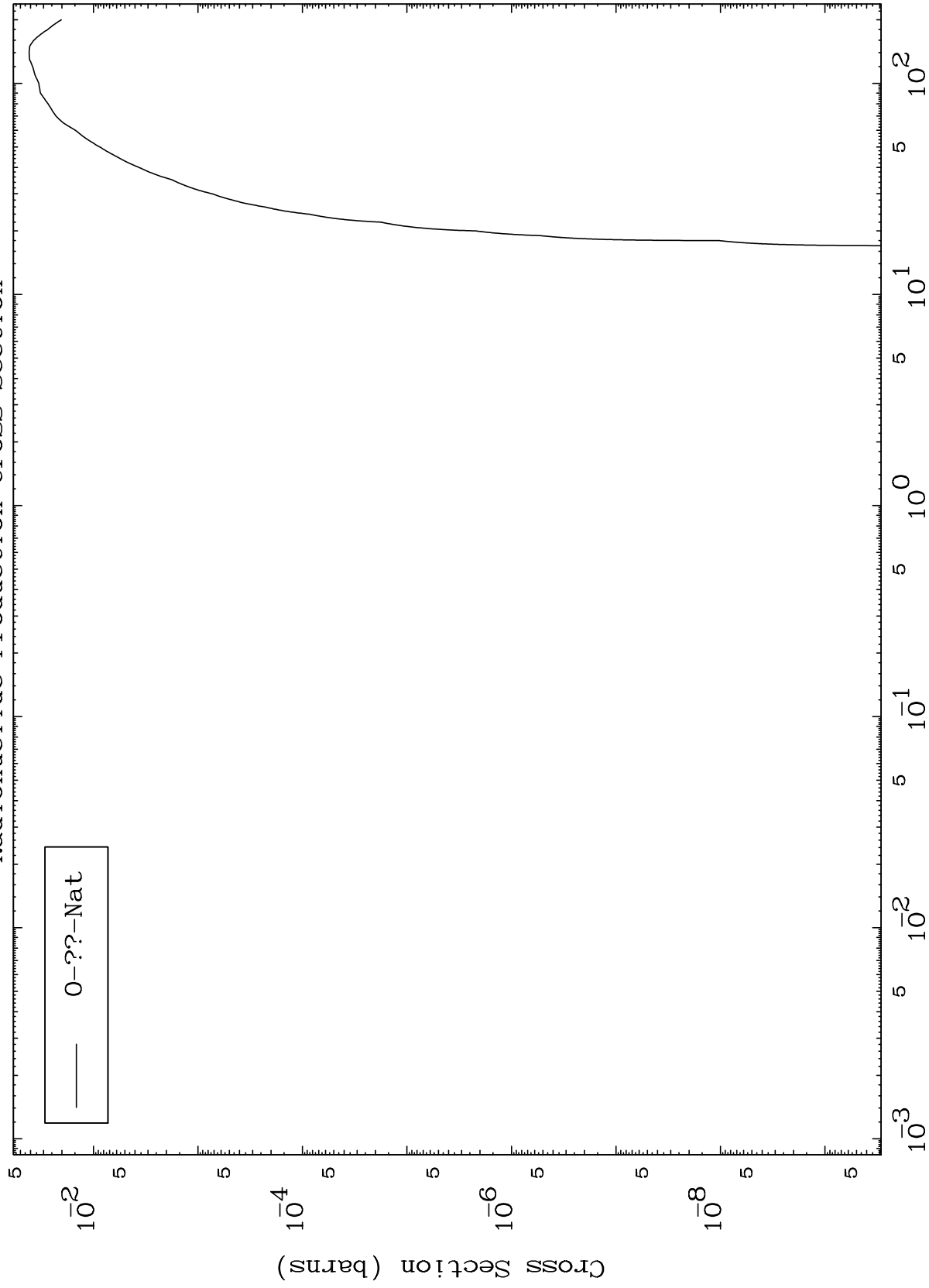
Radionuclide Production Cross Section



MAT 7898

α Fission
Radionuclide Production Cross Section

79-Au-188



12

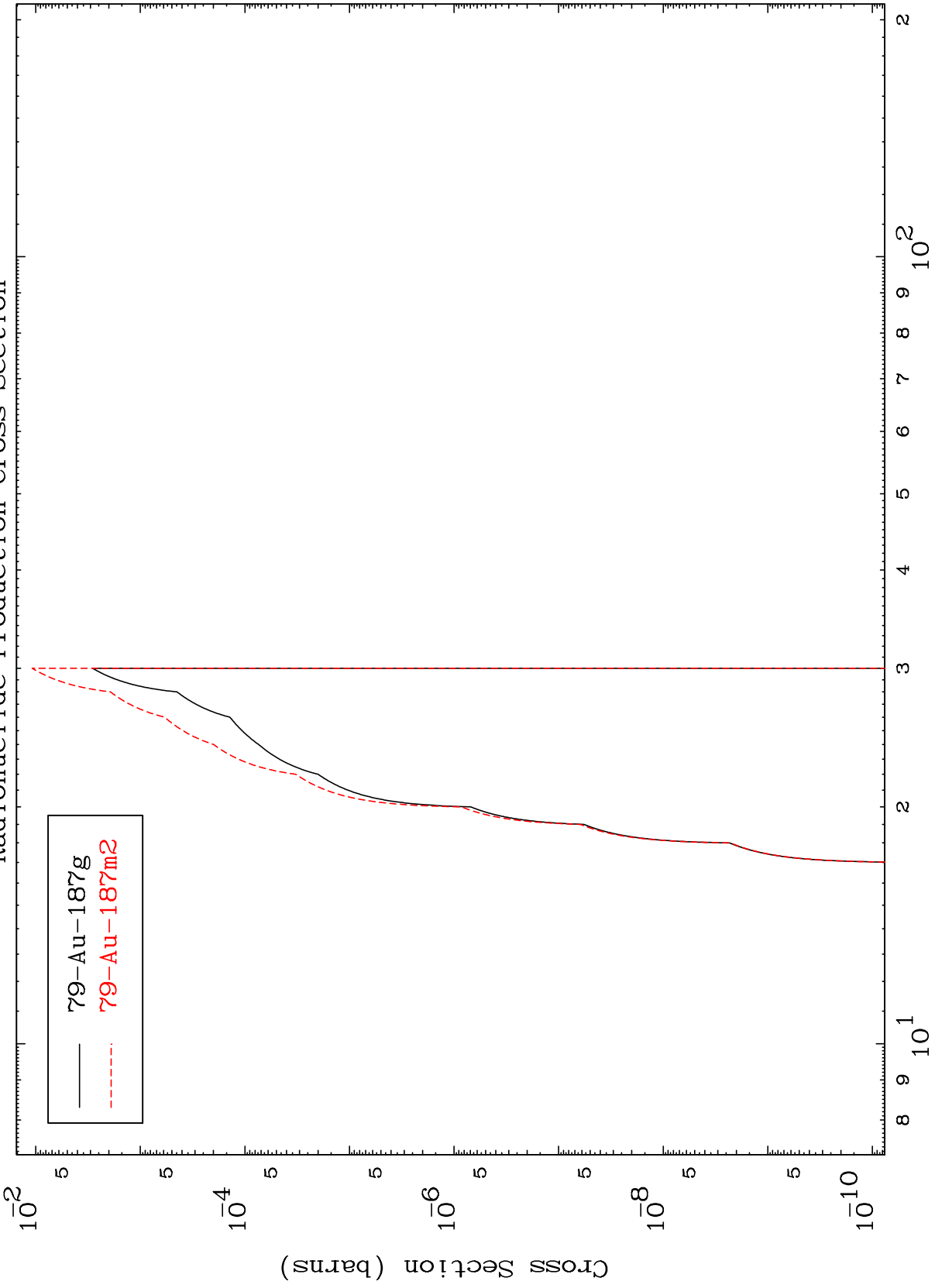
Incident Energy (MeV)

79-Au-188

MAT 7898

⁷⁹Au-188

(α, n') α
Radionuclide Production Cross Section



13

Incident Energy (MeV)

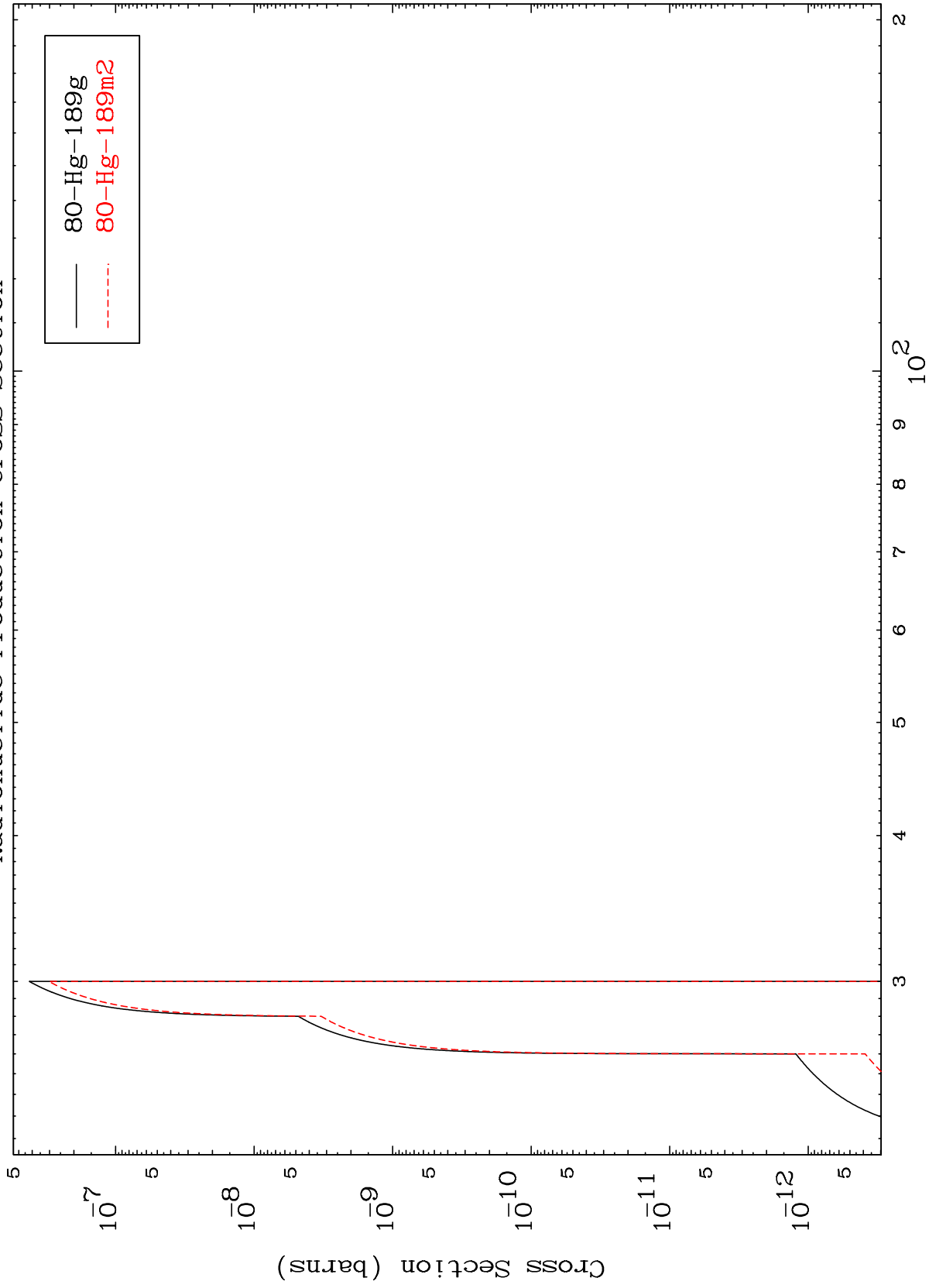
⁷⁹Au-188

MAT 7898

(α, n') d

79-Au-188

Radionuclide Production Cross Section



14

Incident Energy (MeV)

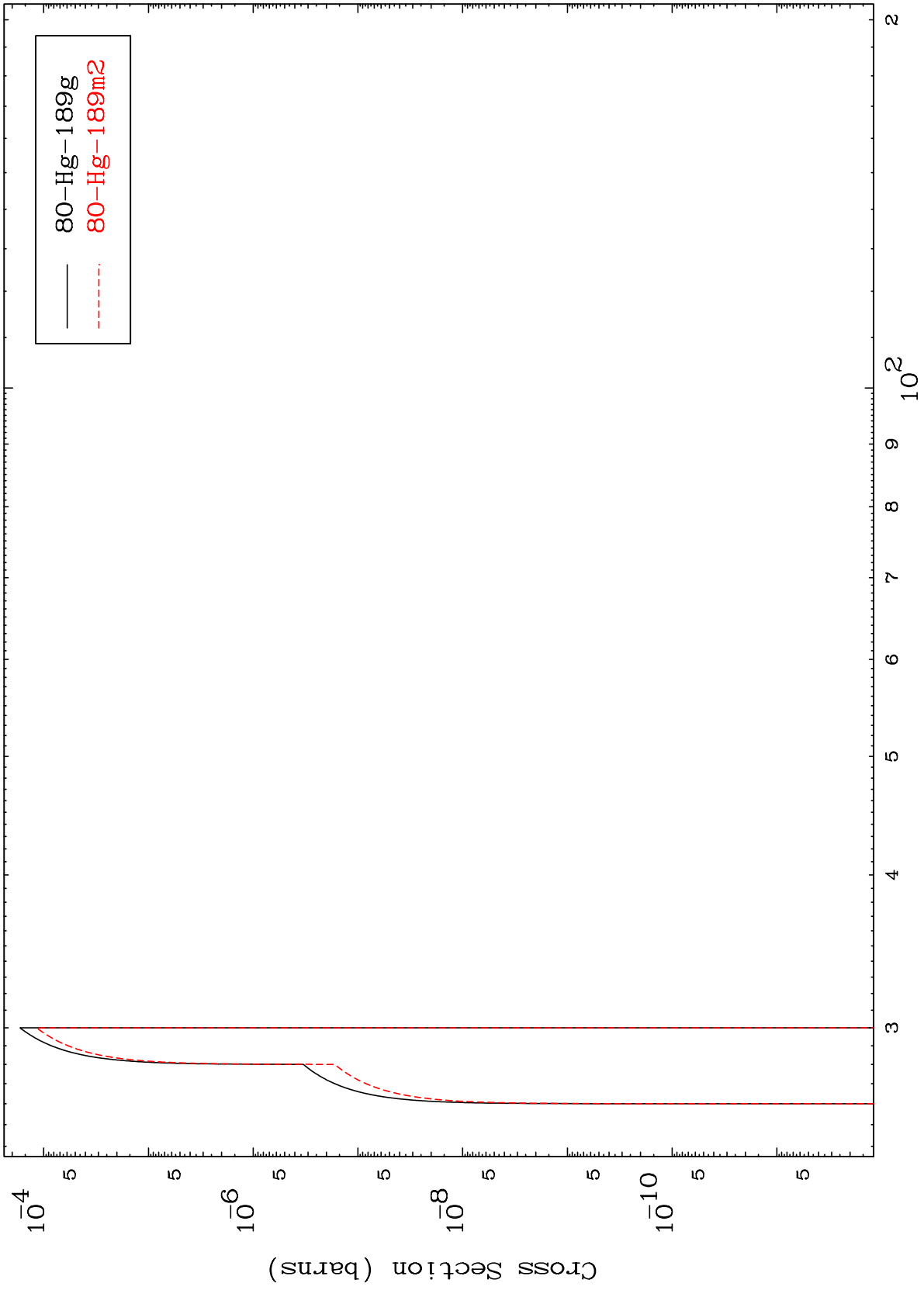
79-Au-188

MAT 7898

($\alpha, 2n$) p

⁷⁹Au-188

Radionuclide Production Cross Section



15

Incident Energy (MeV)

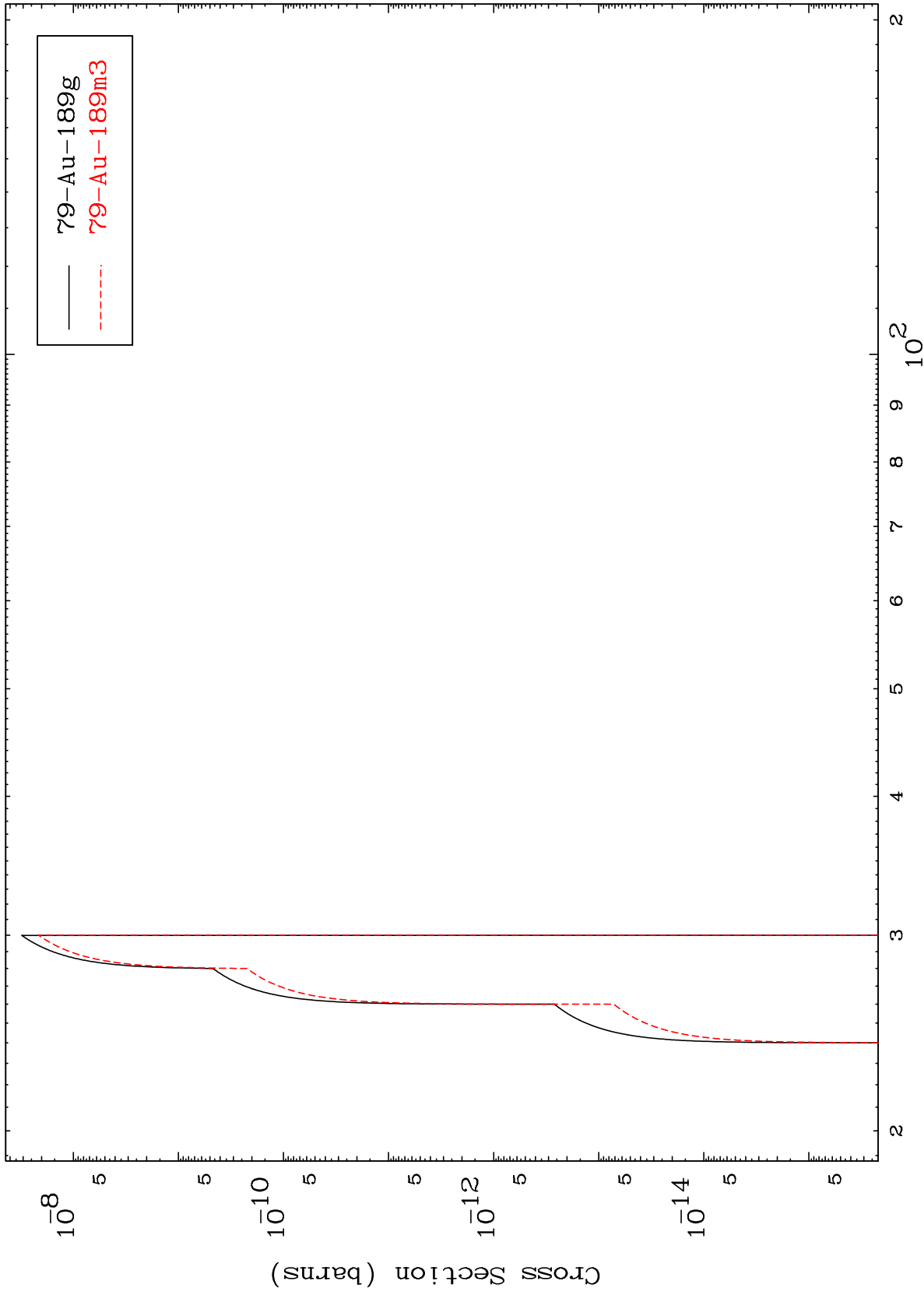
⁷⁹Au-188

MAT 7898

$(\alpha, 2n)$ p

$^{79}\text{Au-188}$

Radionuclide Production Cross Section



16

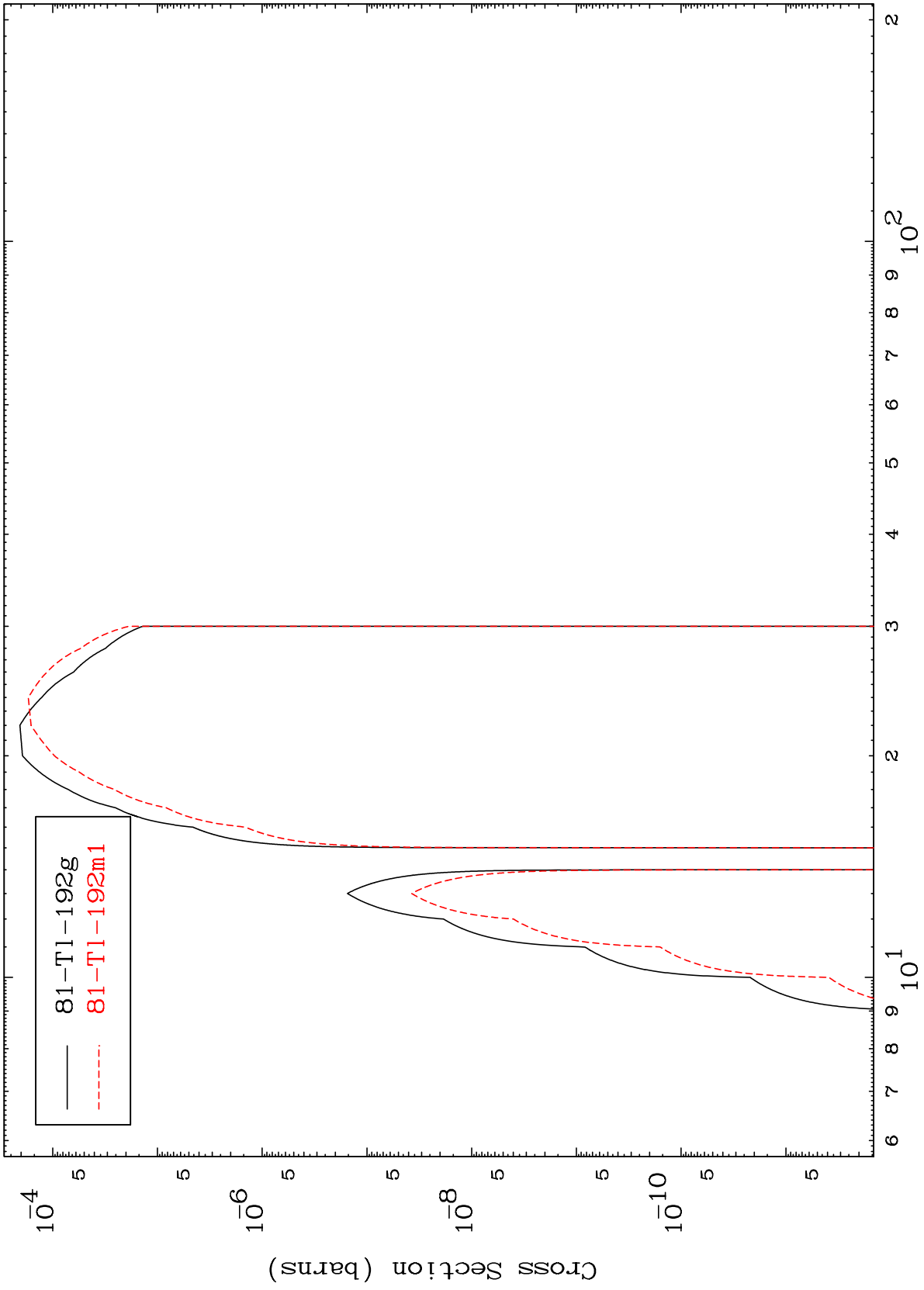
Incident Energy (MeV)

$^{79}\text{Au-188}$

MAT 7898

79-Au-188

Radionuclide Production Cross Section
(α, γ)



17

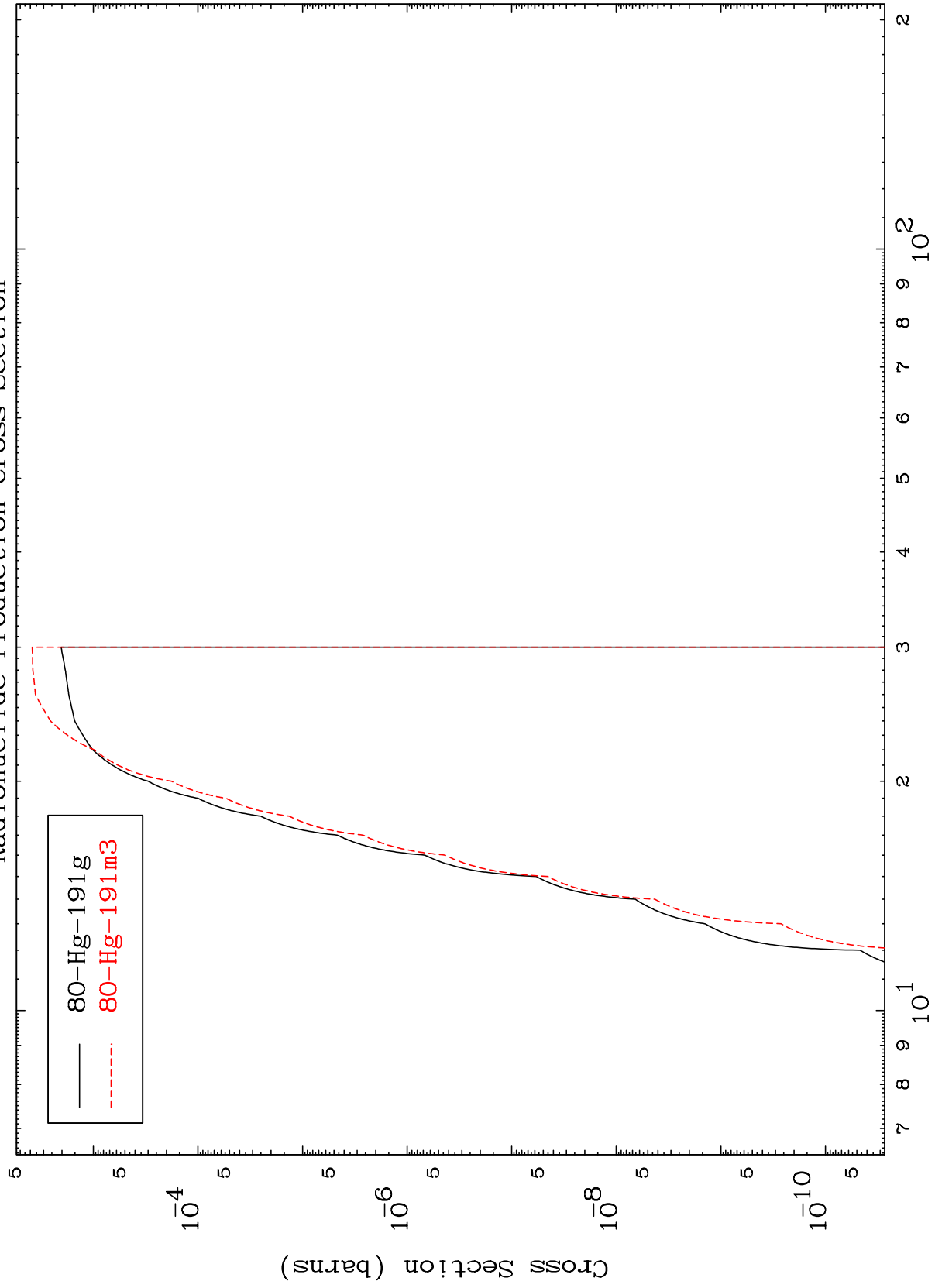
Incident Energy (MeV)

79-Au-188

MAT 7898

79-Au-188

(α, p)
Radionuclide Production Cross Section



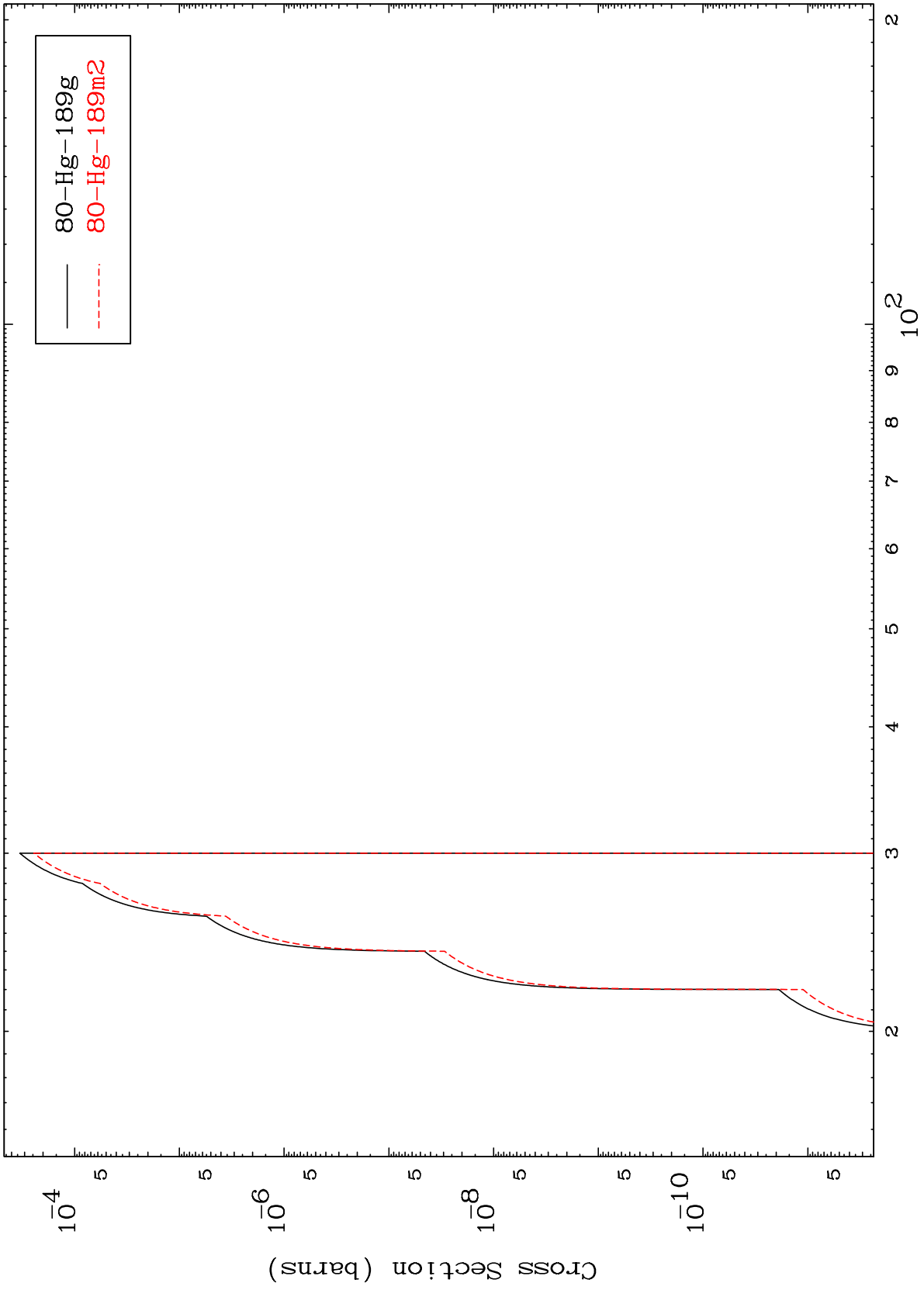
18

79-Au-188

MAT 7898

79-Au-188

(α, t)
Radionuclide Production Cross Section



19

79-Au-188

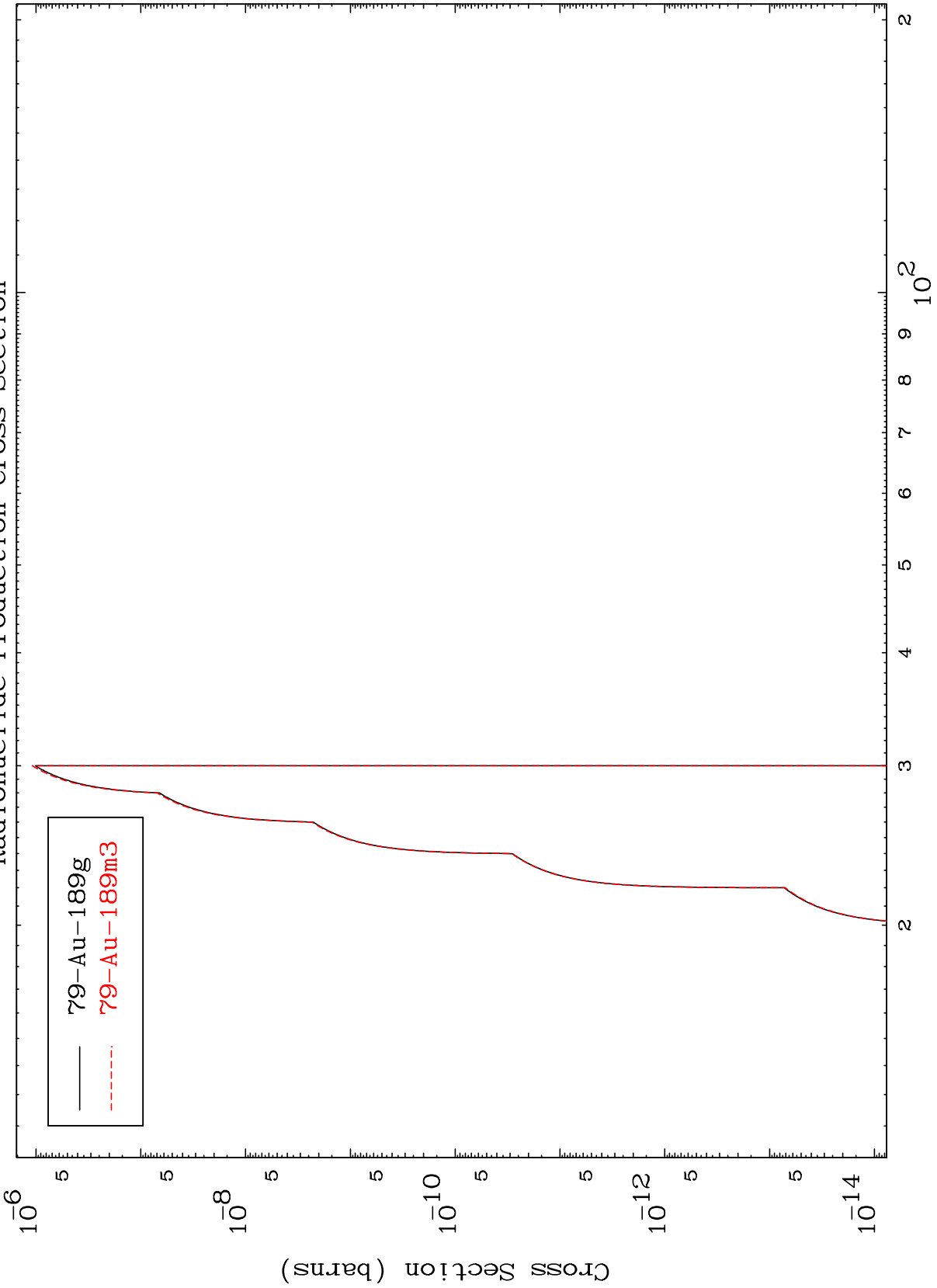
Incident Energy (MeV)

MAT 7898

(α , He-3)

⁷⁹Au-188

Radionuclide Production Cross Section



20

Incident Energy (MeV)

⁷⁹Au-188