

Program EVALPLOT
(Version 2018-1)

by

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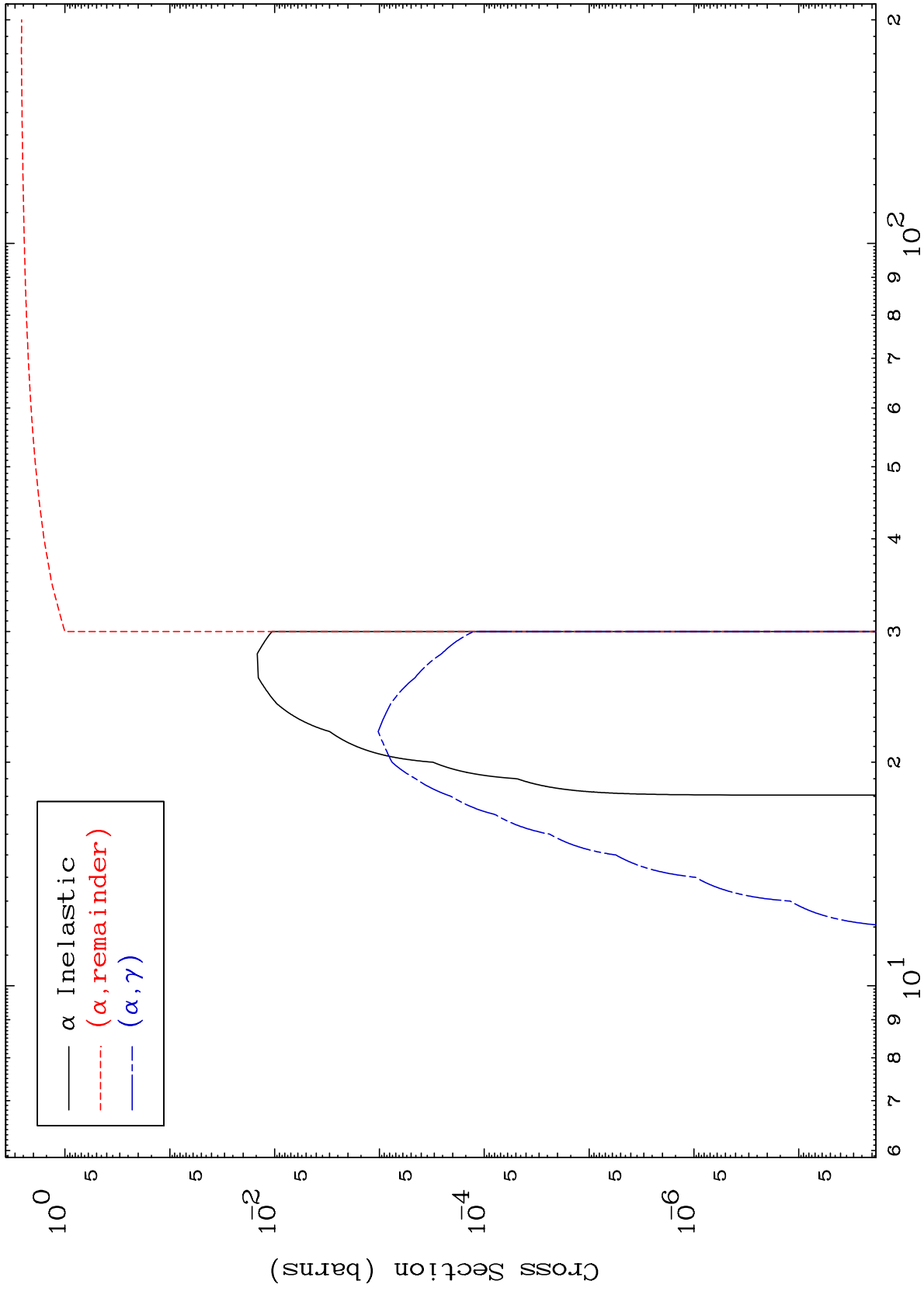
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7866

0 Kelvin α Major
Cross Sections

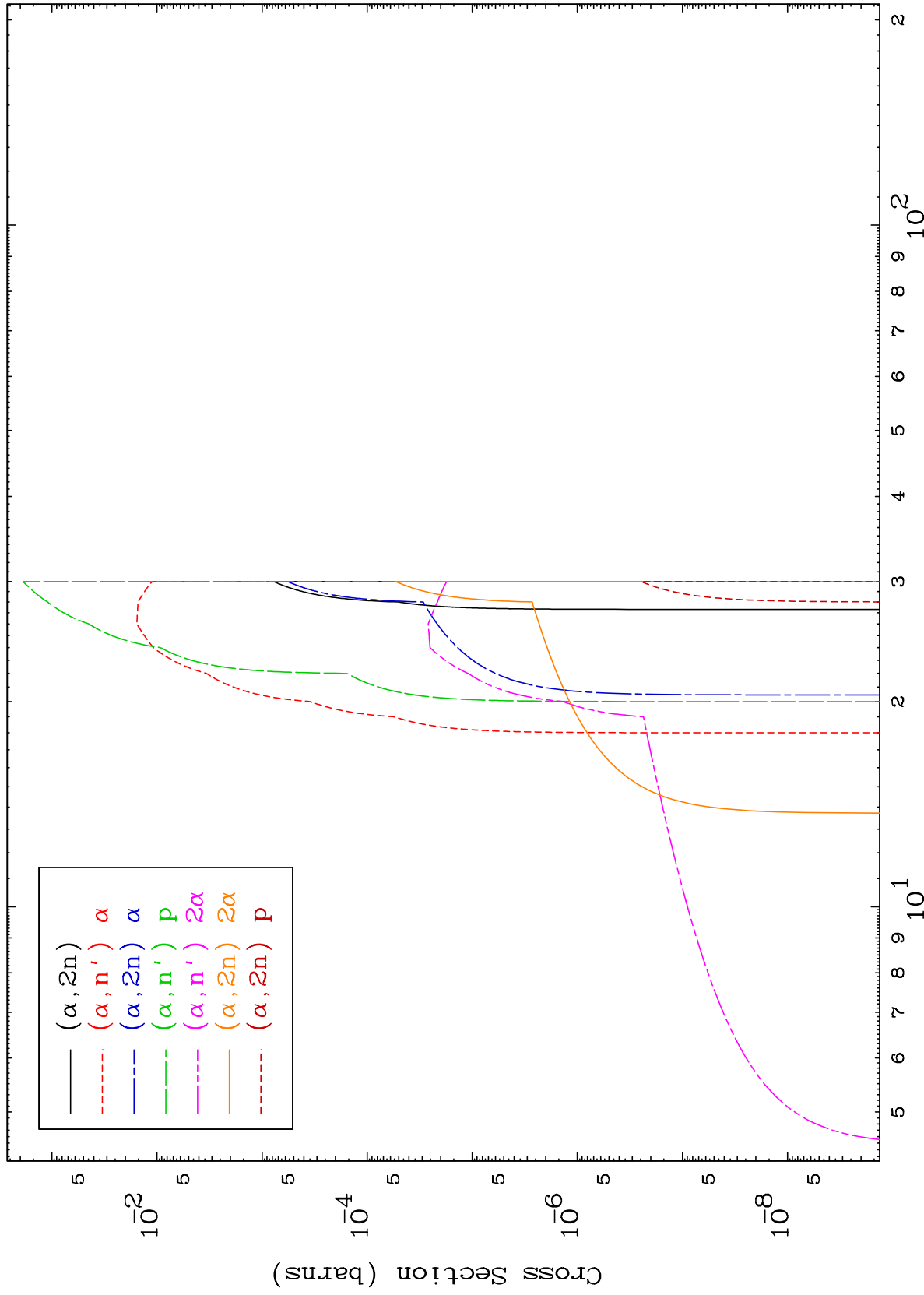
79-Au-177

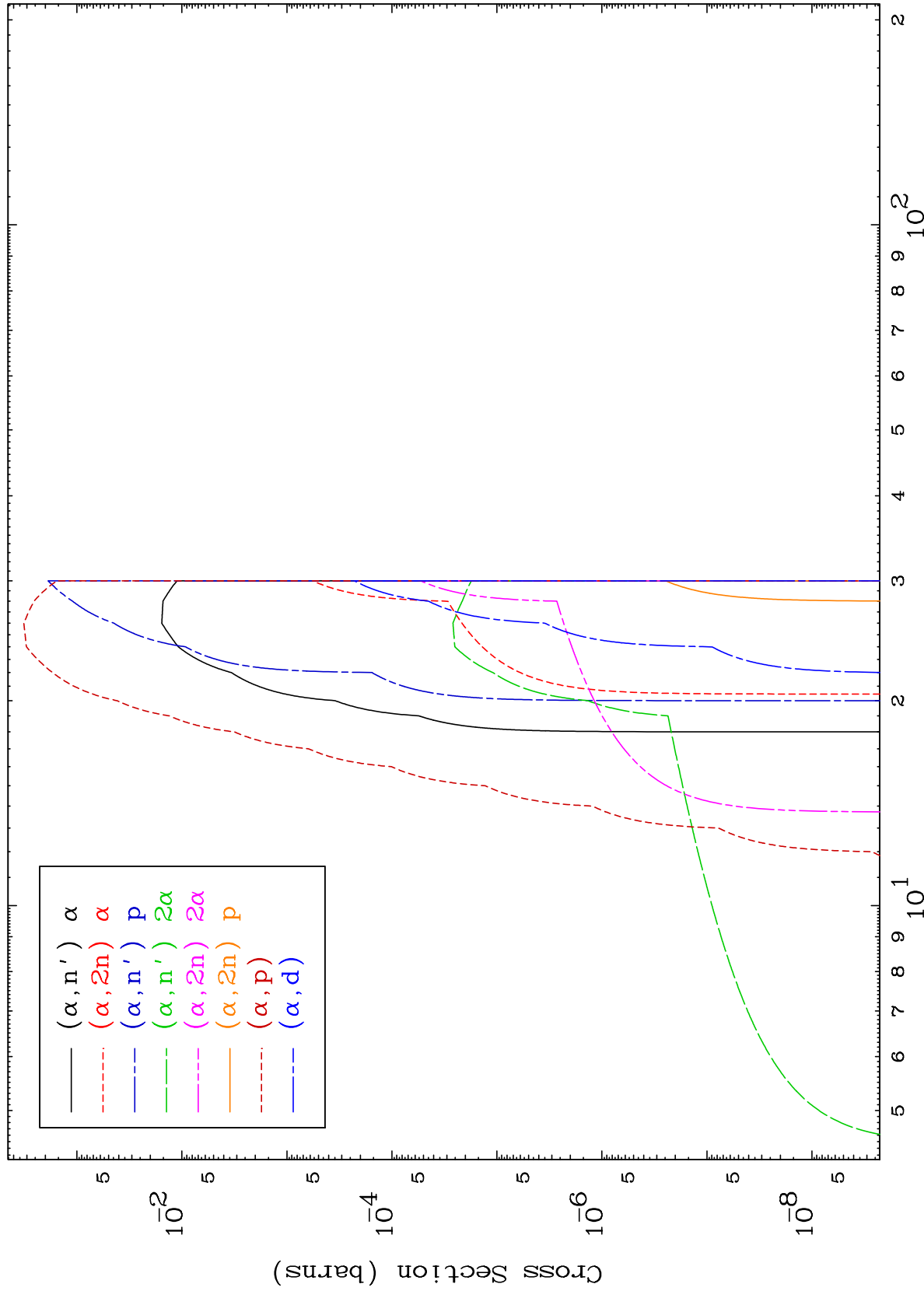


1

Incident Energy (MeV)

79-Au-177

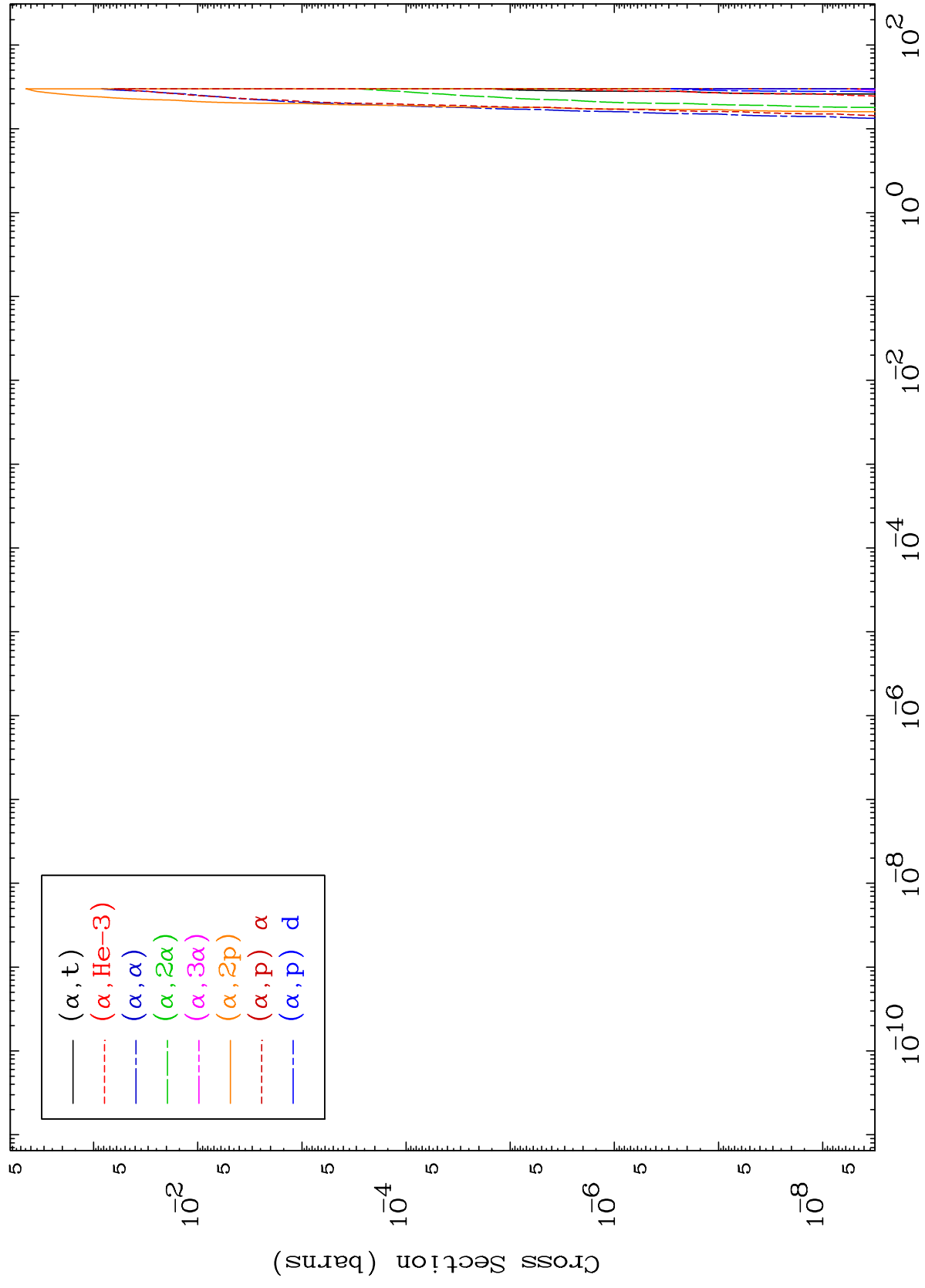




MAT 7866

α Charged Particle
0 Kelvin Cross Sections

79-Au-177

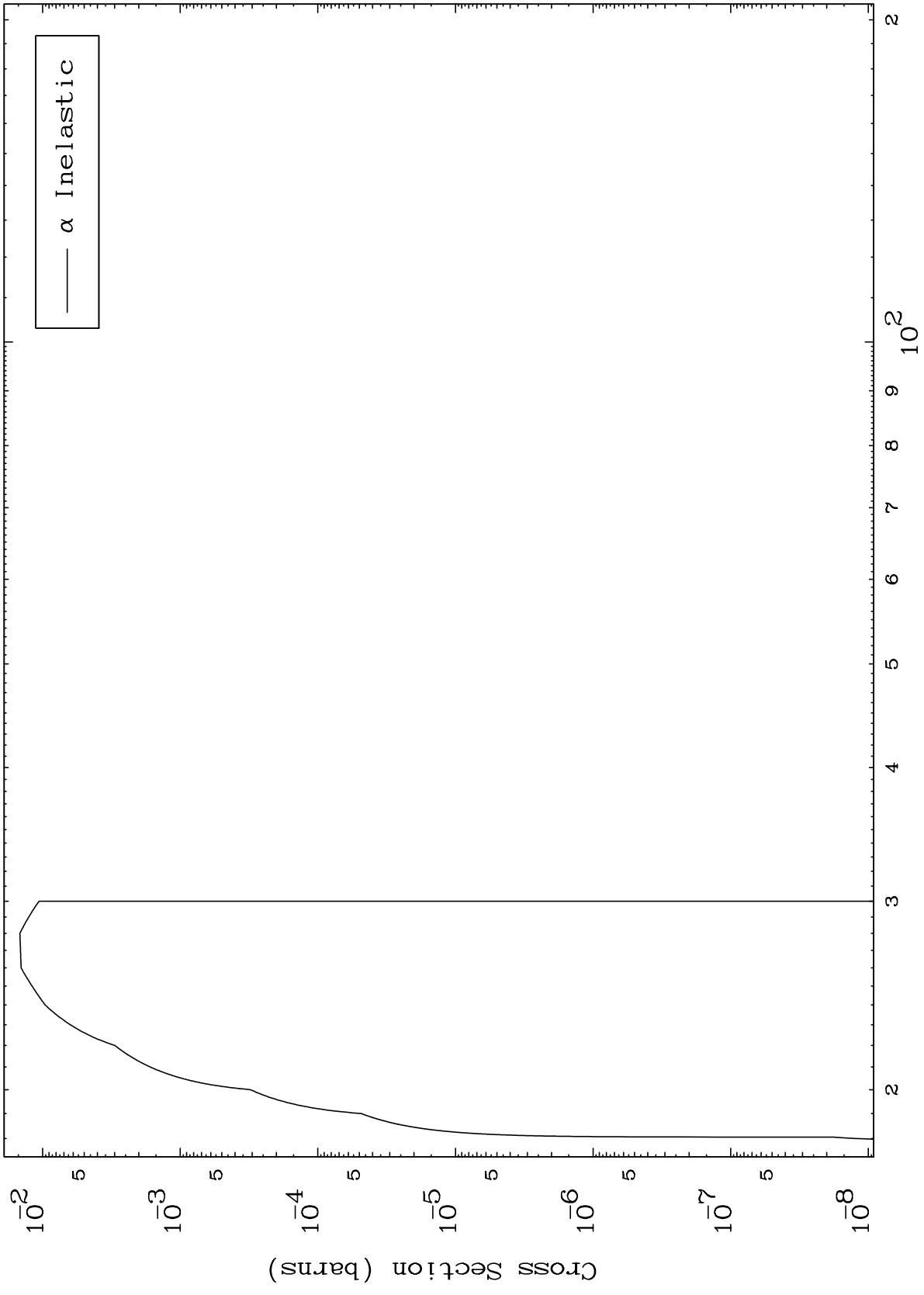


79-Au-177

MAT 7866

(α, n') Level
0 Kelvin Cross Sections

79-Au-177



5

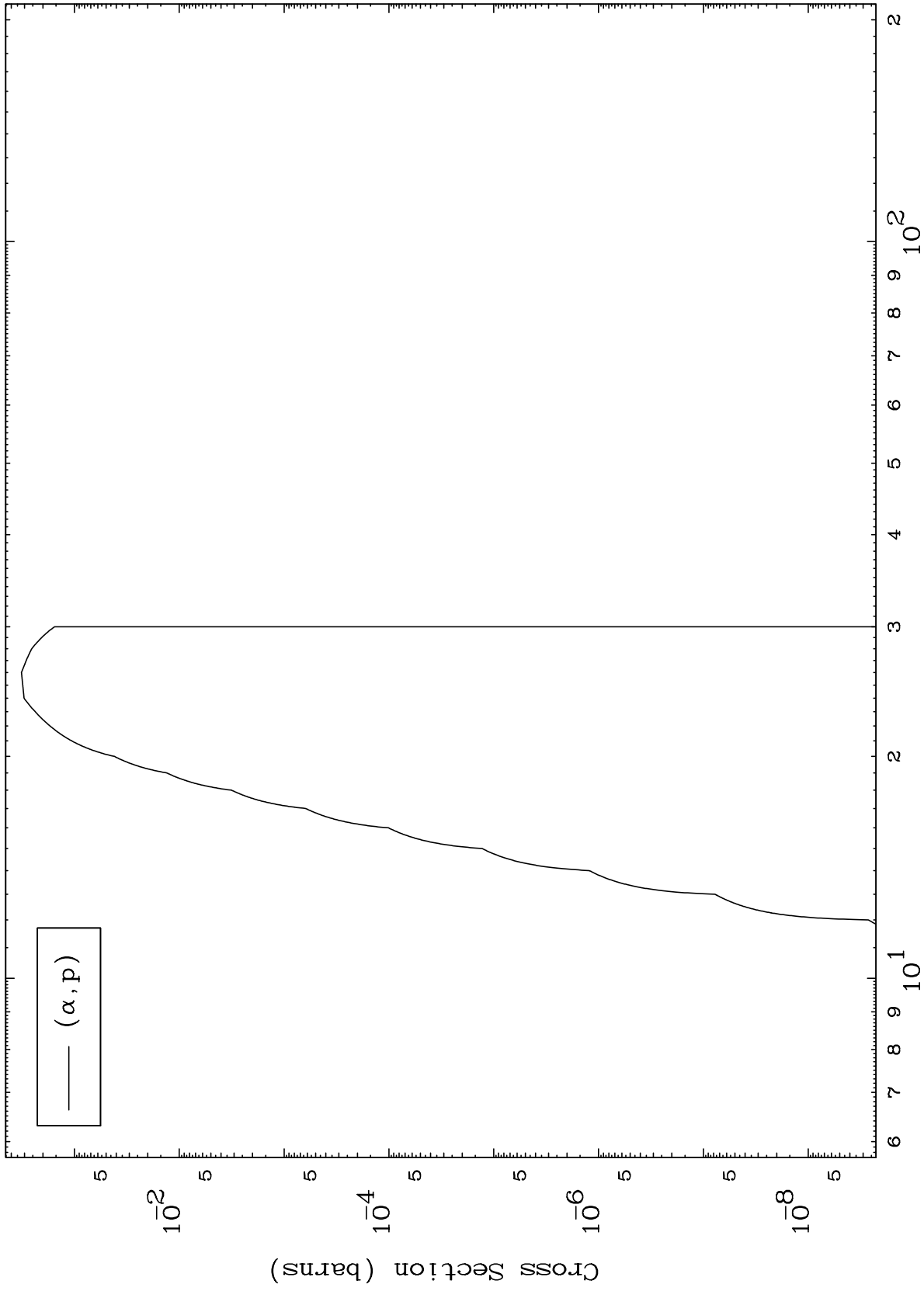
Incident Energy (MeV)

79-Au-177

MAT 7866

(α, p) Levels
0 Kelvin Cross Sections

79-Au-177



6

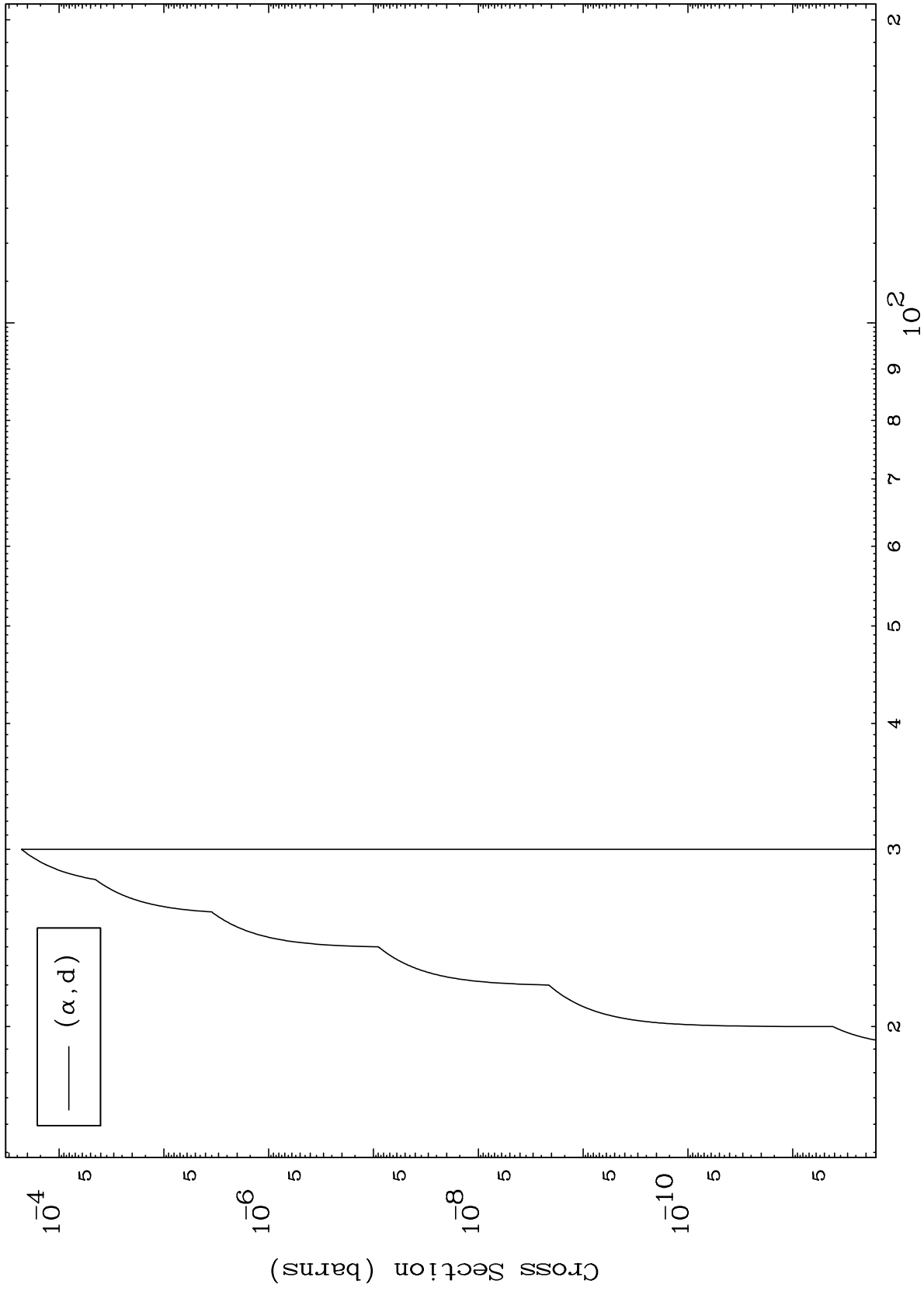
Incident Energy (MeV)

79-Au-177

MAT 7866

(α, d) Levels
0 Kelvin Cross Sections

79-Au-177



7

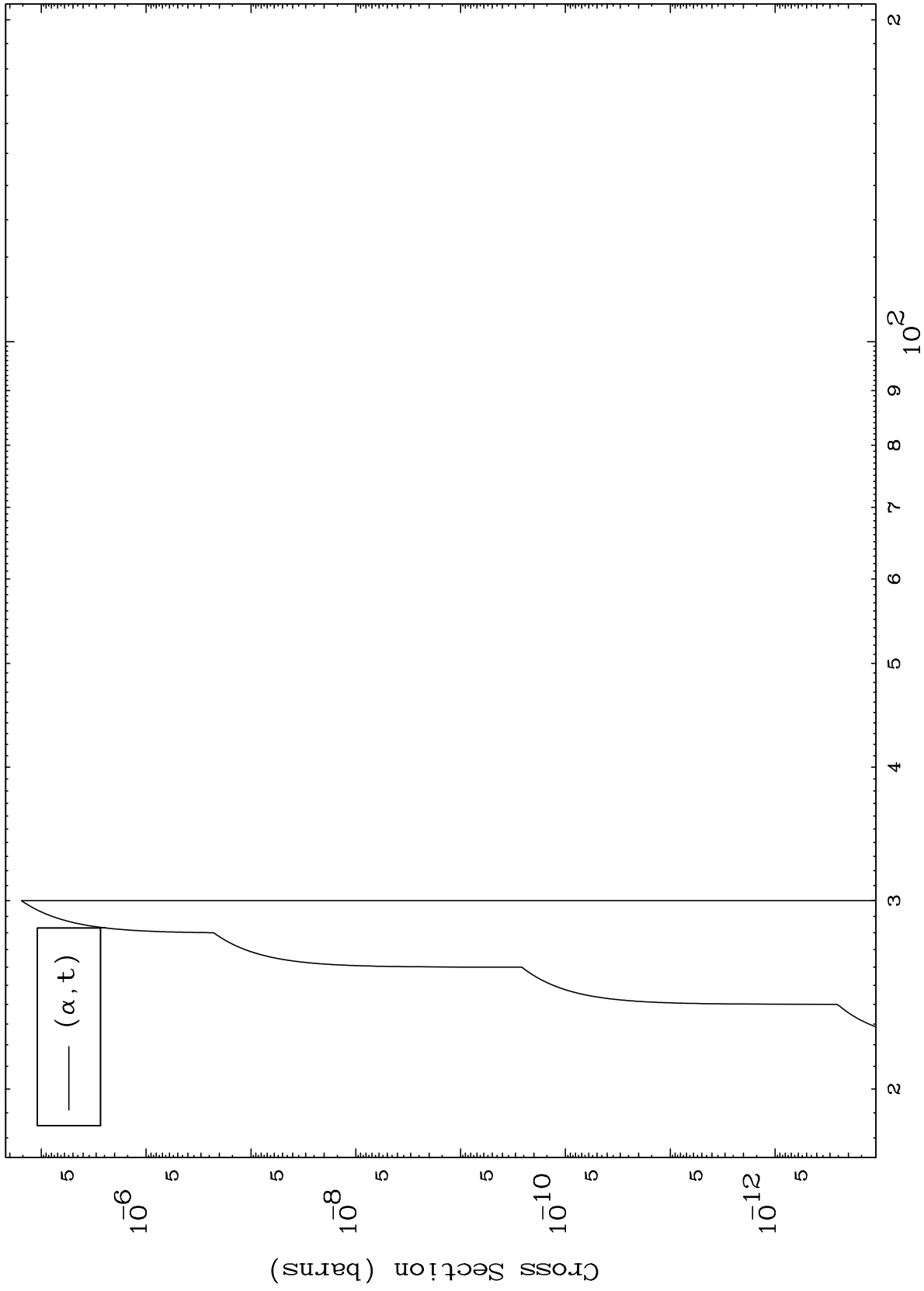
Incident Energy (MeV)

79-Au-177

MAT 7866

(α, t) Levels
0 Kelvin Cross Sections

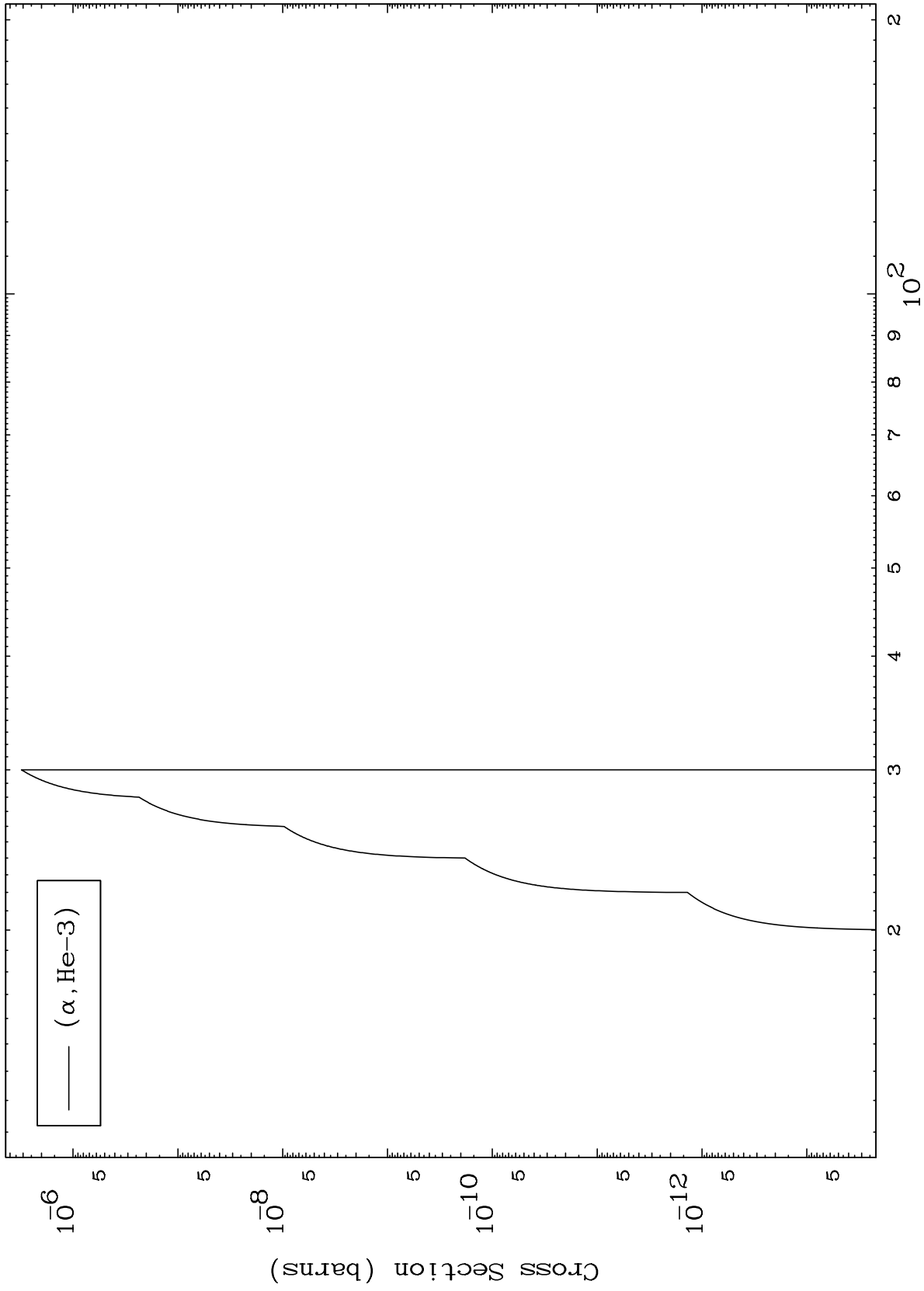
79-Au-177



8

Incident Energy (MeV)

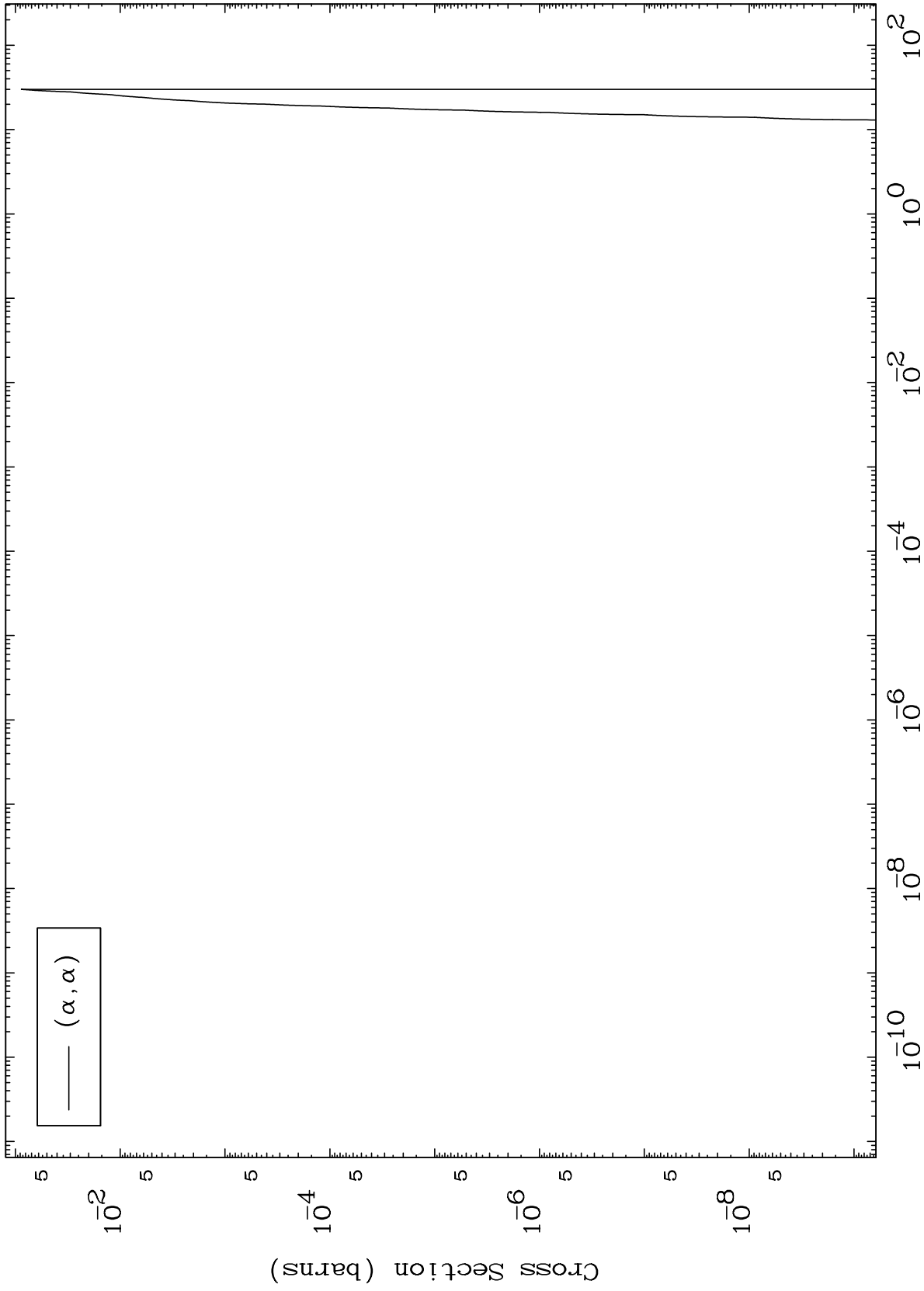
79-Au-177



MAT 7866

(α, α) Levels
0 Kelvin Cross Sections

79-Au-177



10

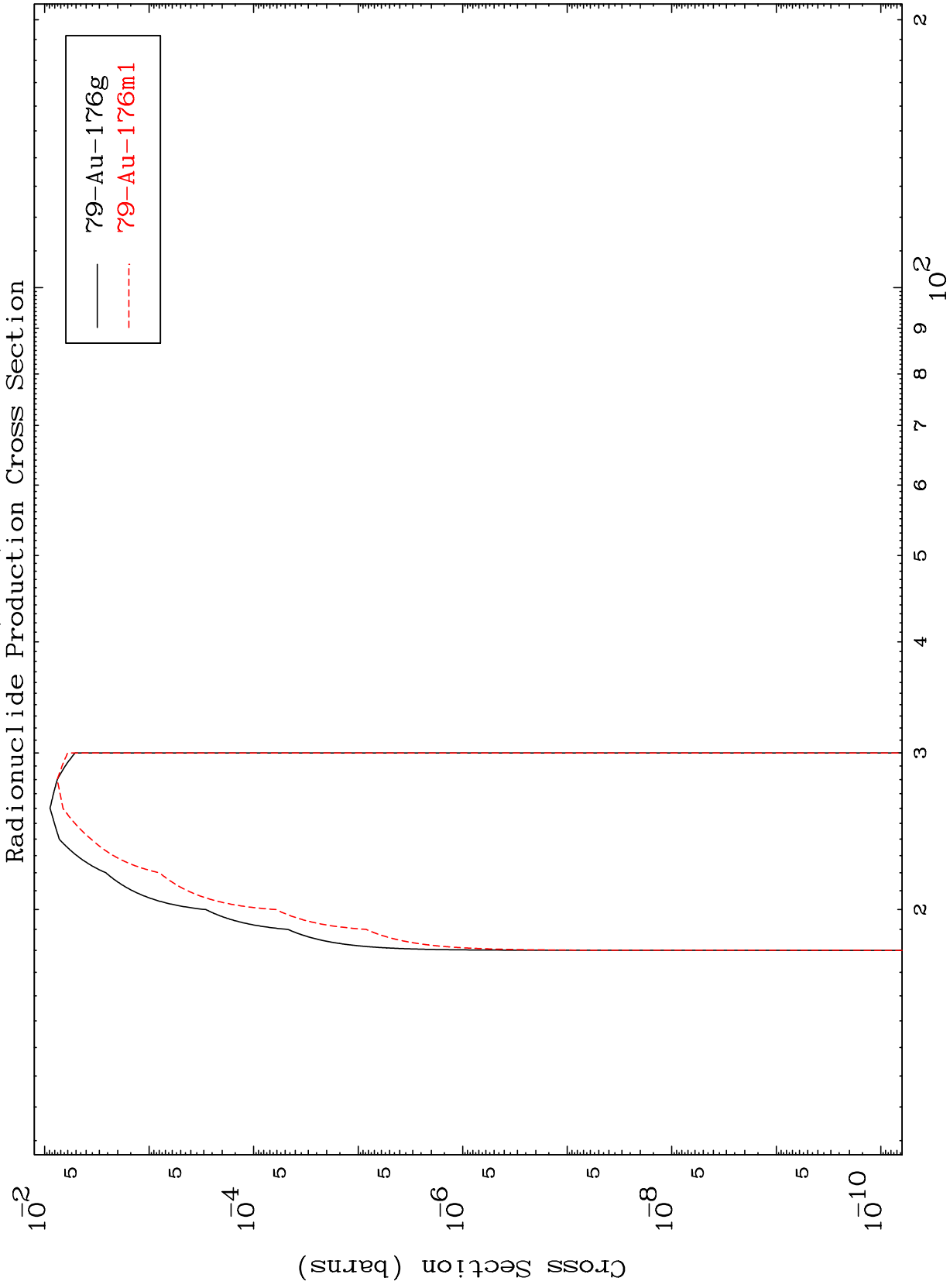
Incident Energy (MeV)

79-Au-177

MAT 7866

(α, n') α

$^{79}\text{Au-177}$



11

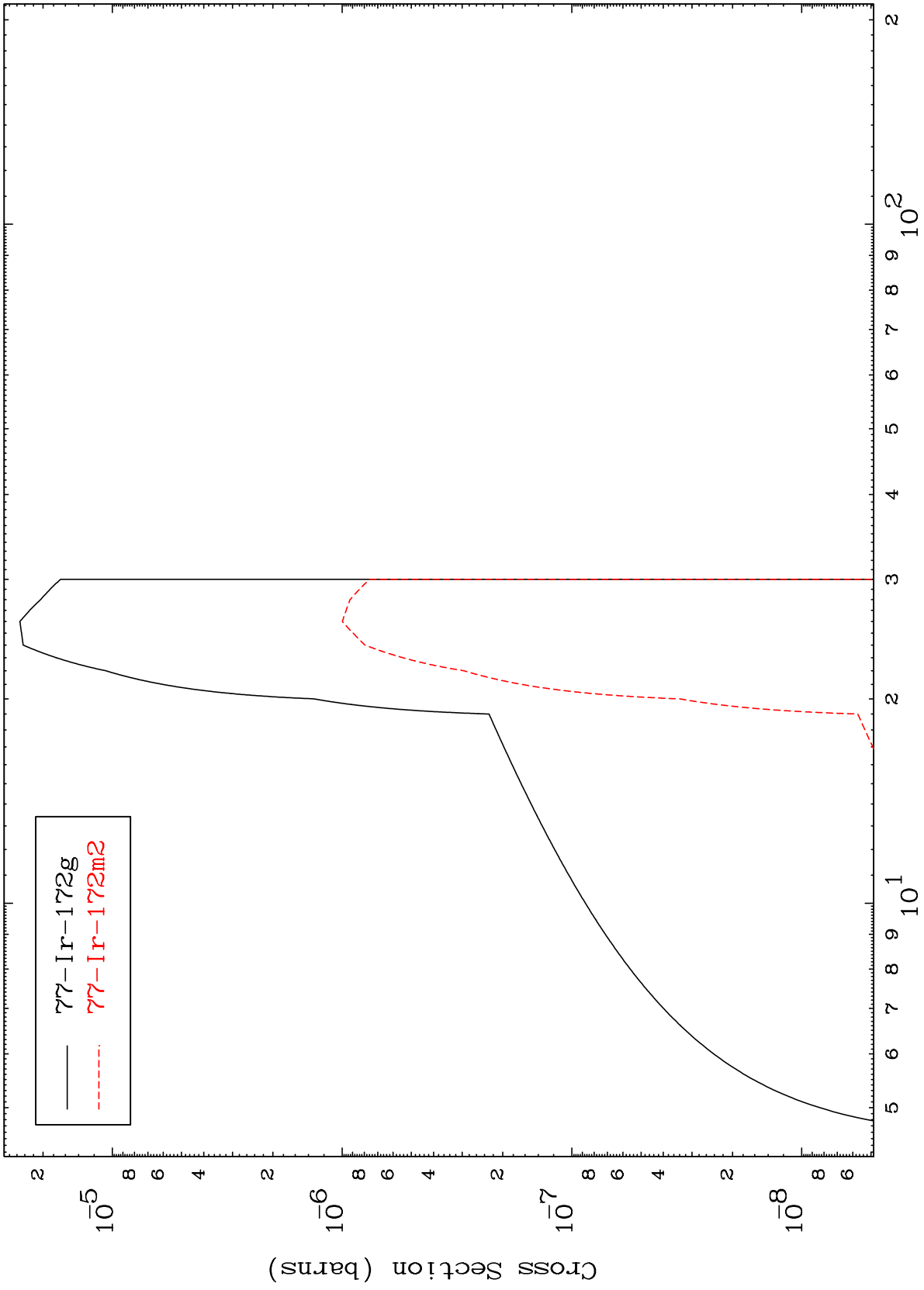
Incident Energy (MeV)

$^{79}\text{Au-177}$

MAT 7866

(α, n') 2α
Radionuclide Production Cross Section

$^{79}\text{Au-177}$



12

Incident Energy (MeV)

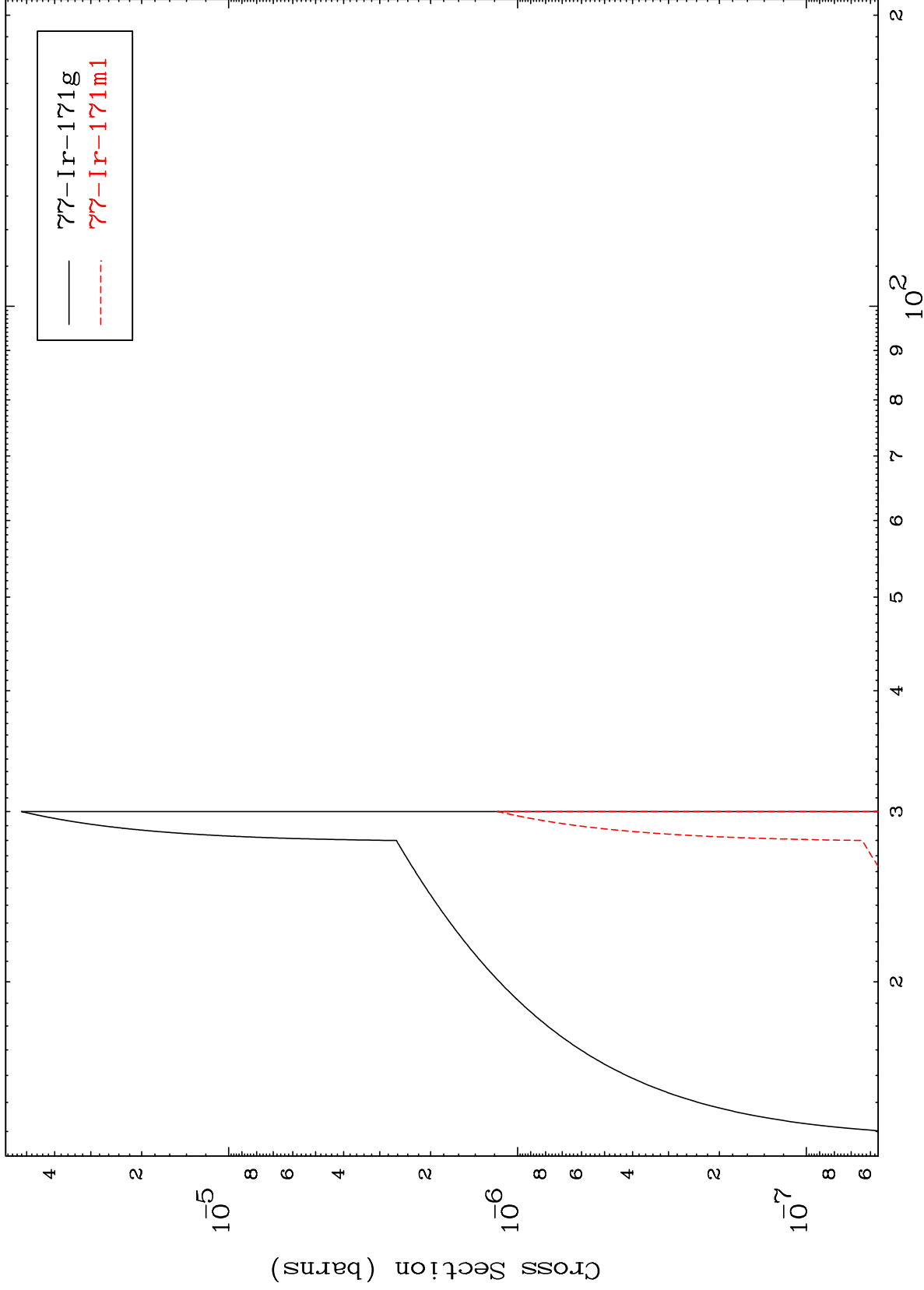
$^{79}\text{Au-177}$

MAT 7866

($\alpha, 2n$) 2α

$^{79}\text{Au-177}$

Radionuclide Production Cross Section



13

Incident Energy (MeV)

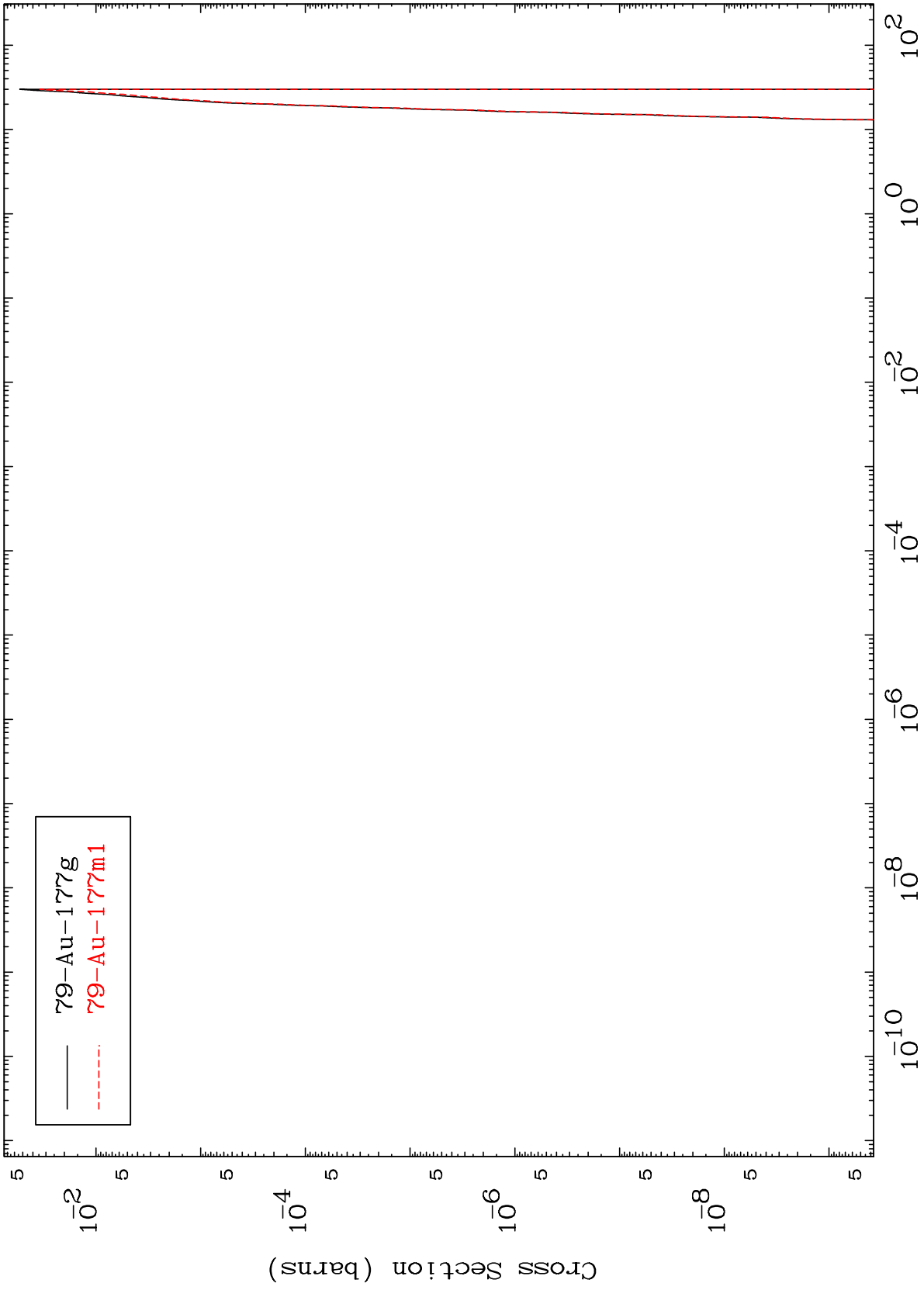
$^{79}\text{Au-177}$

MAT 7866

(α, α)

⁷⁹Au-177

Radionuclide Production Cross Section



14

Incident Energy (MeV)

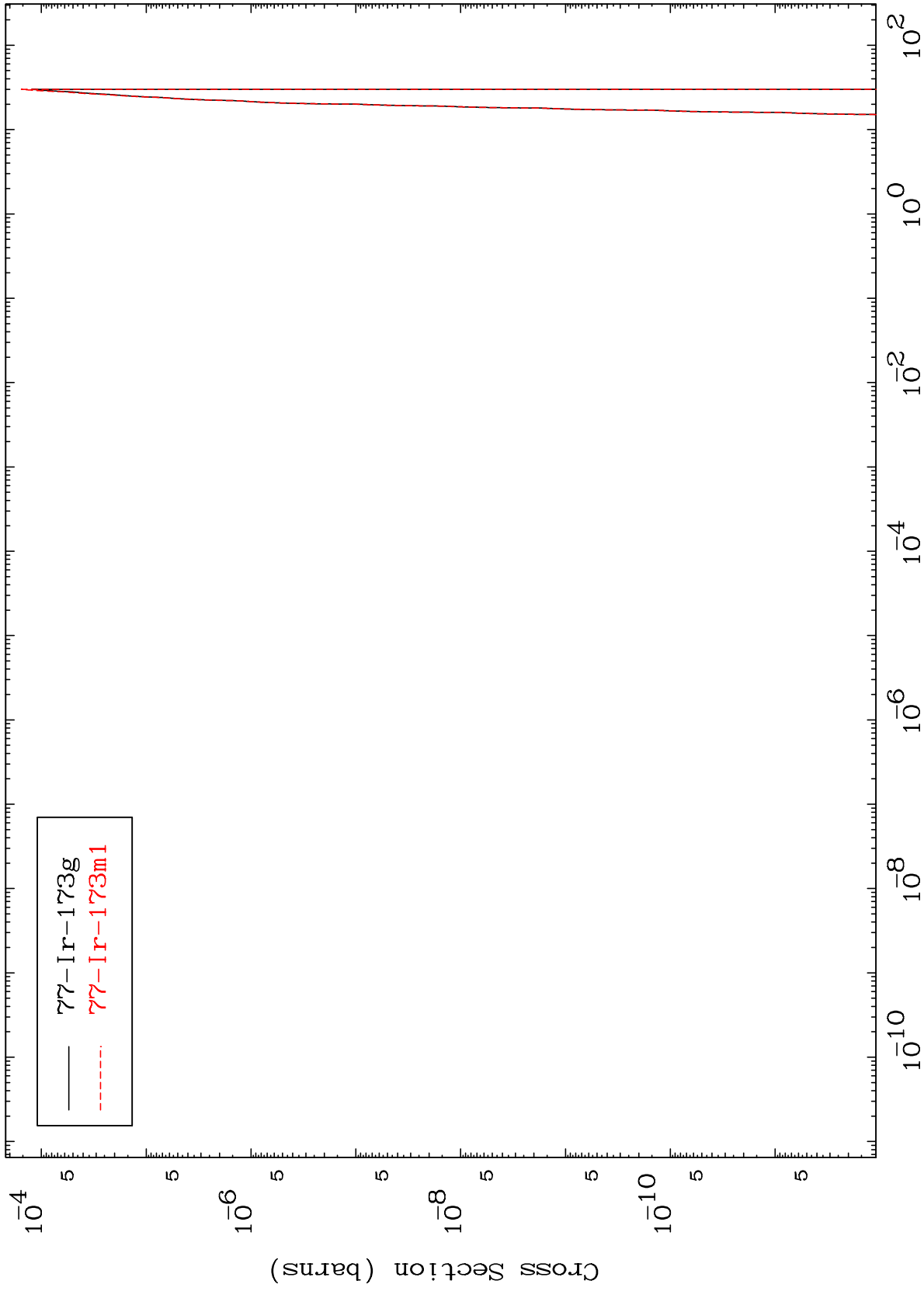
⁷⁹Au-177

MAT 7866

($\alpha, 2\alpha$)

⁷⁹Au-177

Radionuclide Production Cross Section



15

Incident Energy (MeV)

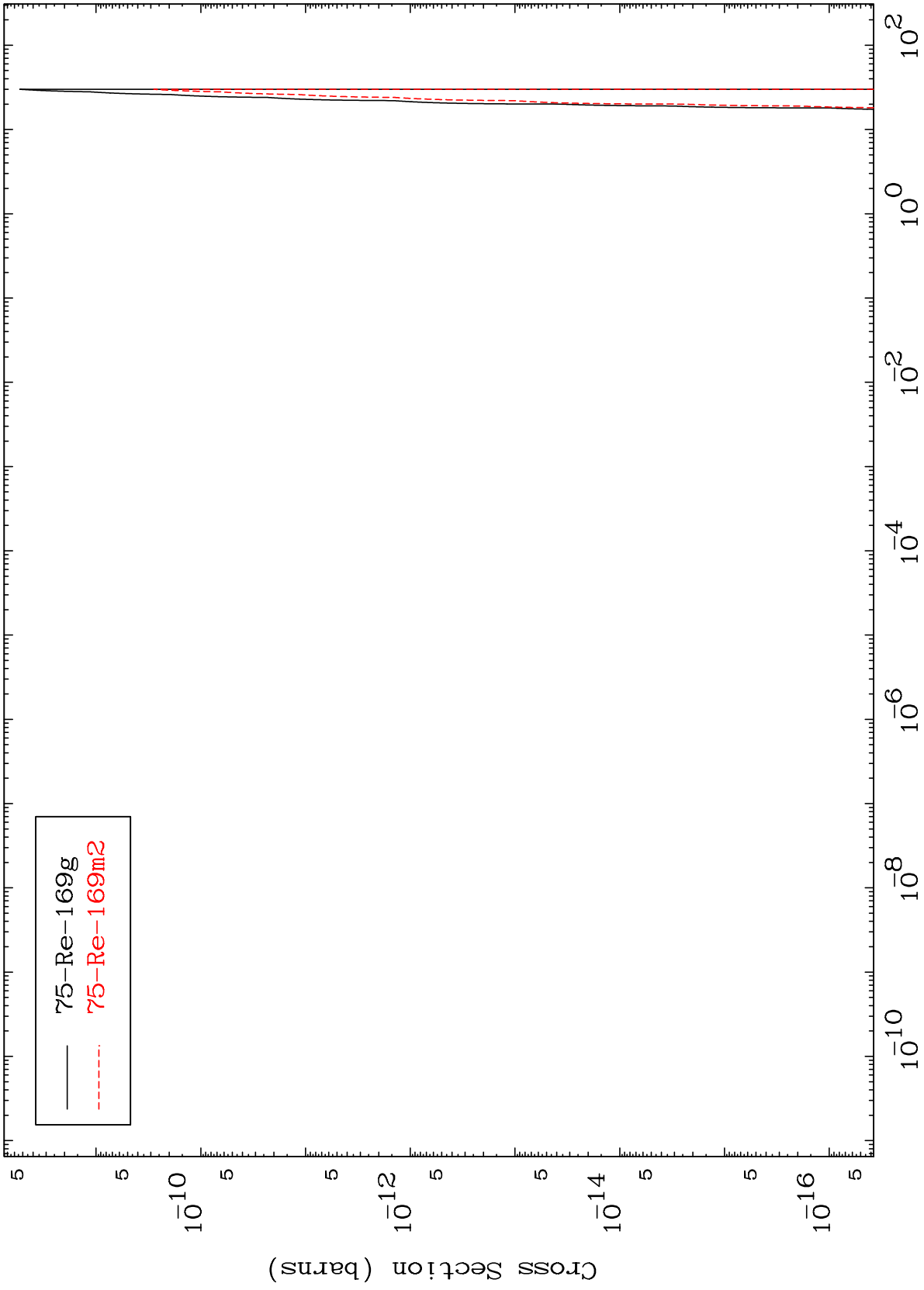
⁷⁹Au-177

MAT 7866

($\alpha, 3\alpha$)

⁷⁹Au-177

Radionuclide Production Cross Section



16

Incident Energy (MeV)

⁷⁹Au-177