

Program EVALPLOT
(Version 2018-1)

by

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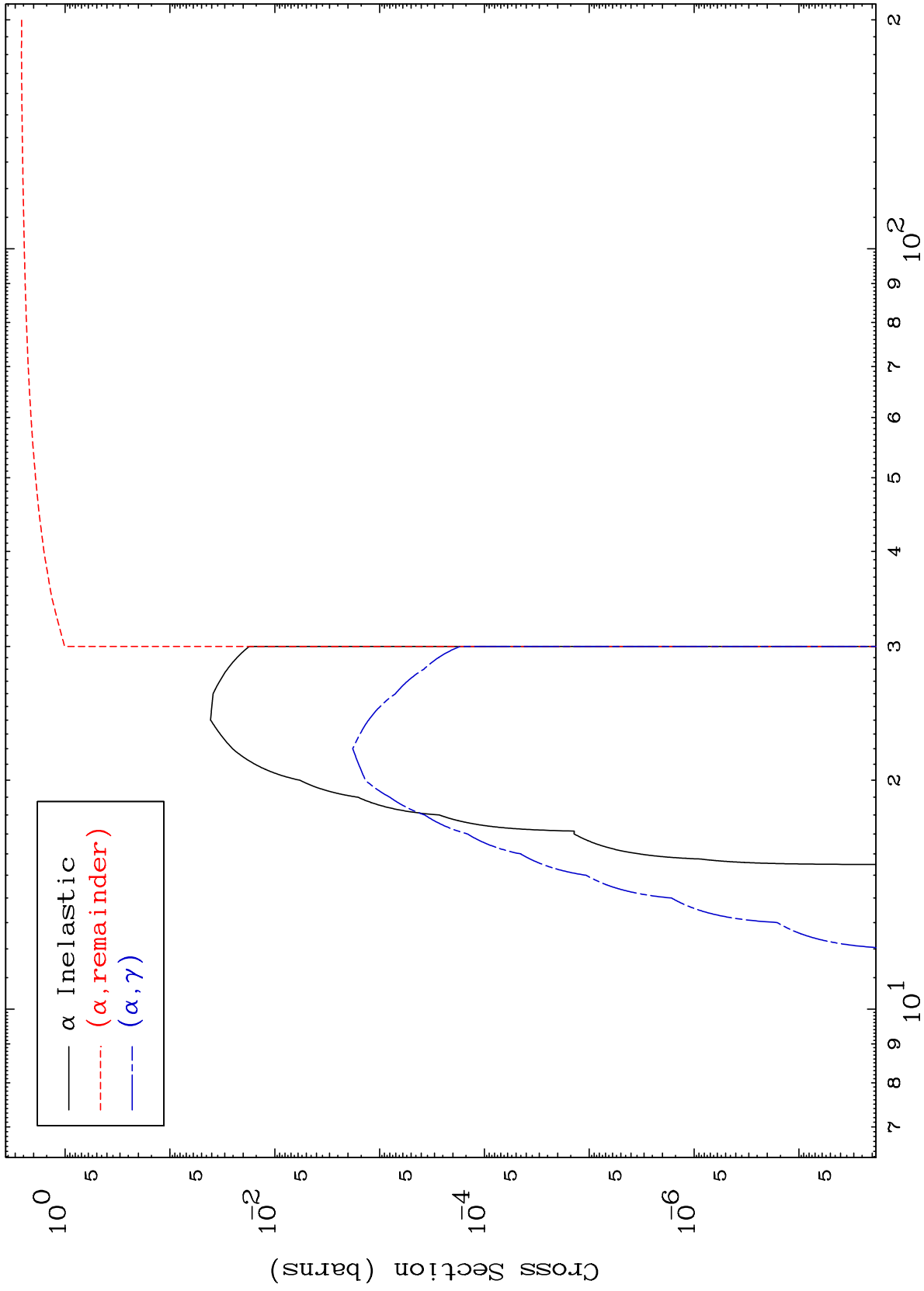
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7868

0 Kelvin α Major
Cross Sections

79-Au-178



1

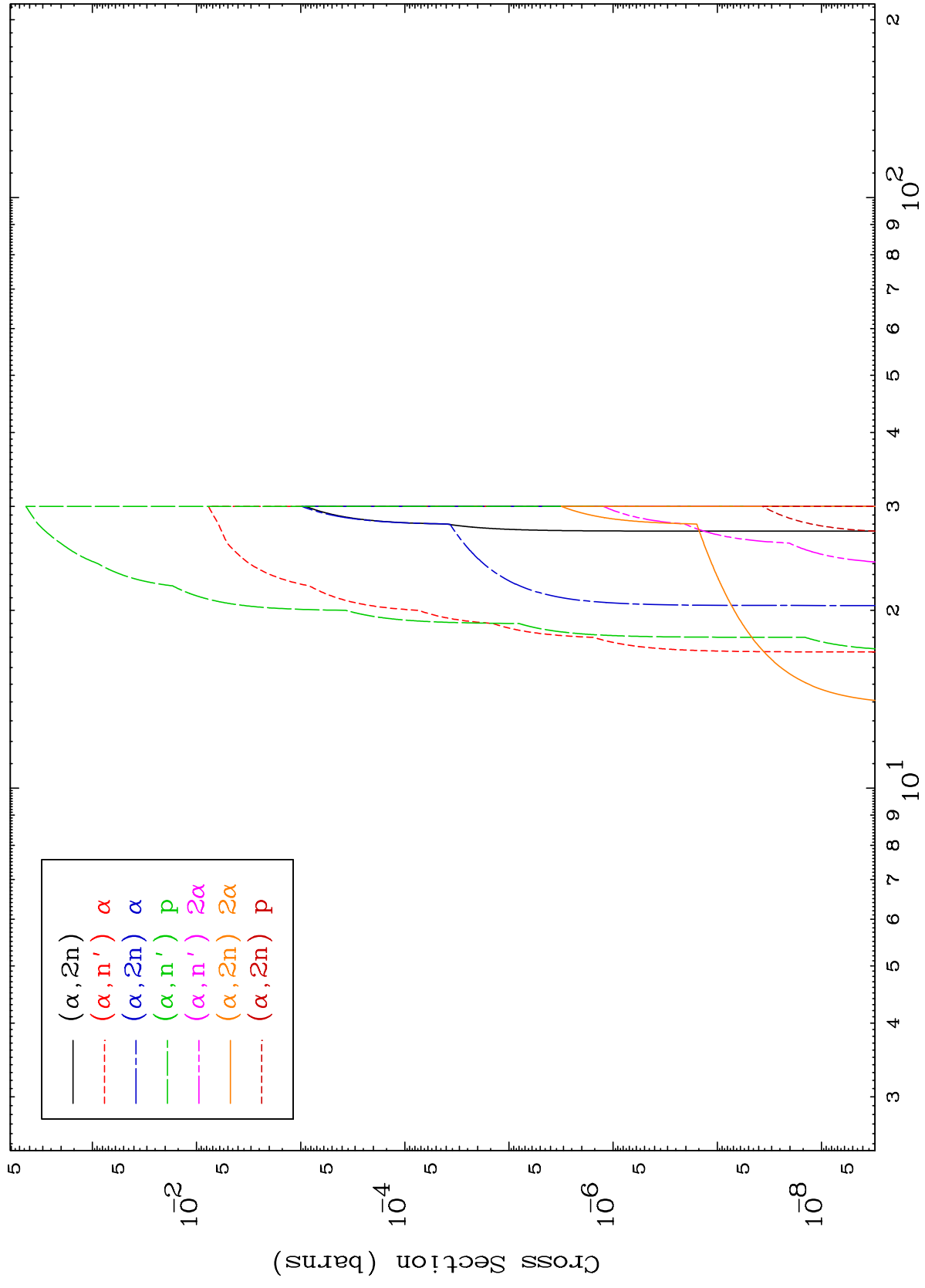
Incident Energy (MeV)

79-Au-178

MAT 7868

α Neutron Production
0 Kelvin Cross Sections

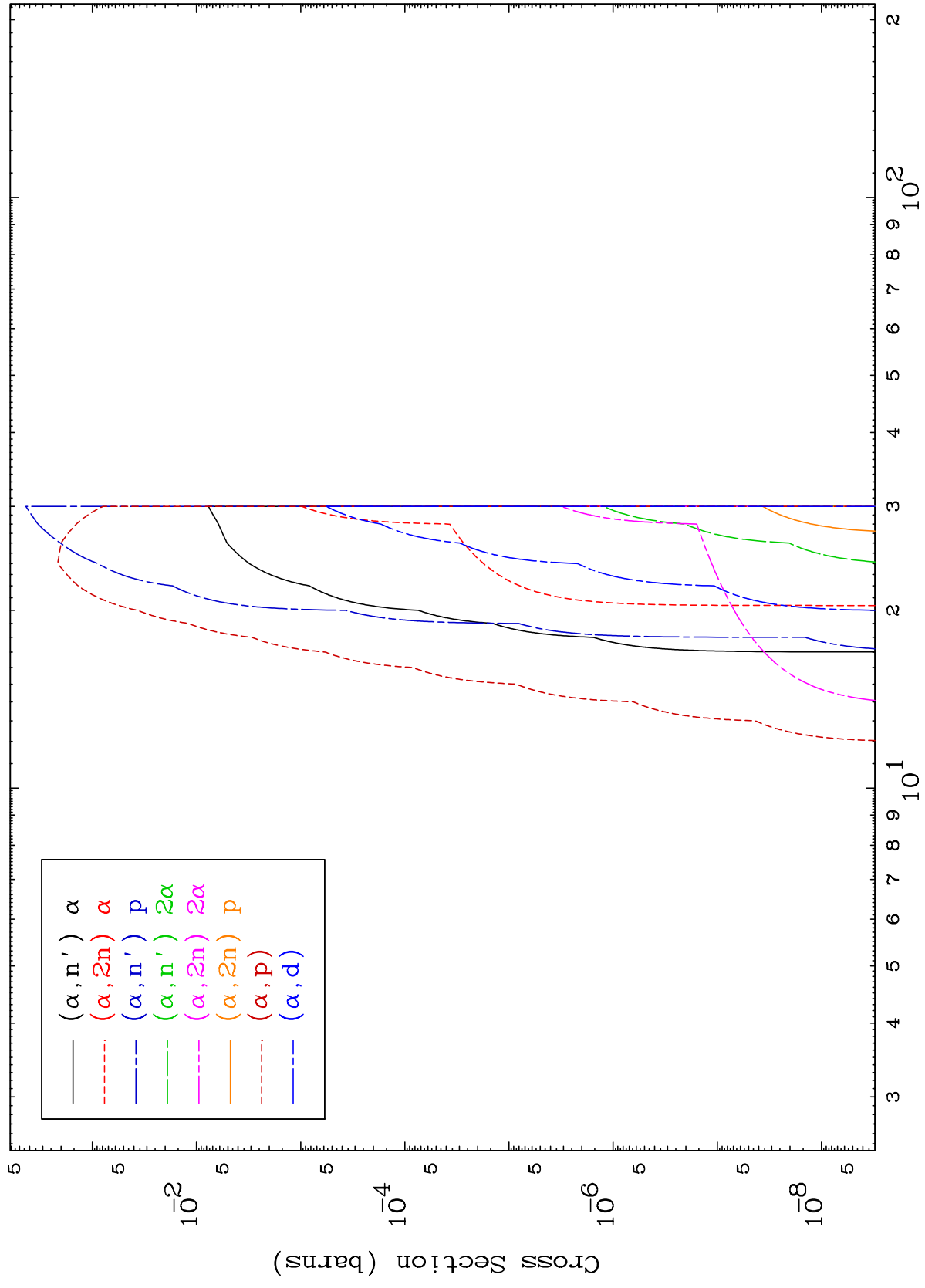
79-Au-178



2

Incident Energy (MeV)

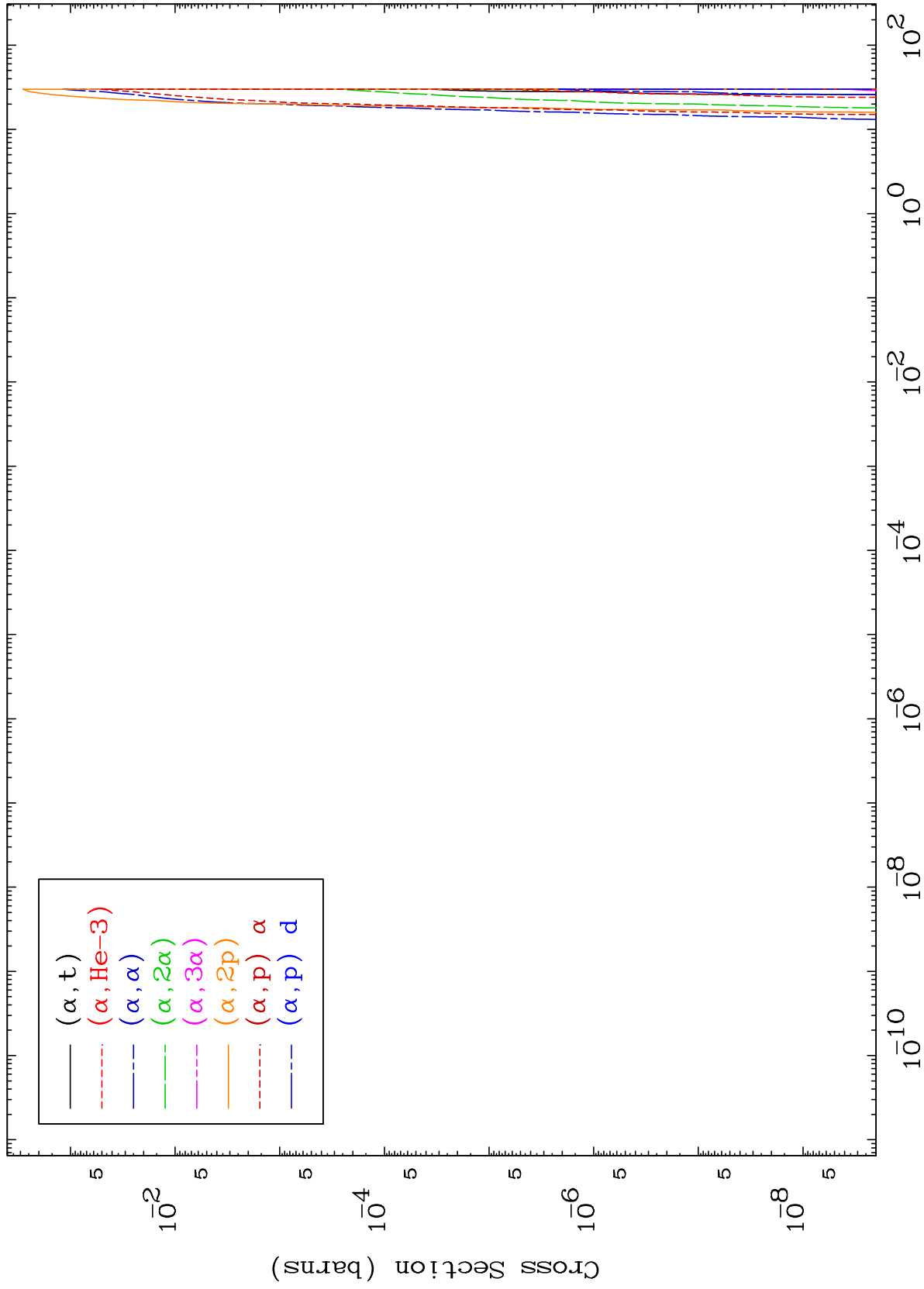
79-Au-178



MAT 7868

α Charged Particle
0 Kelvin Cross Sections

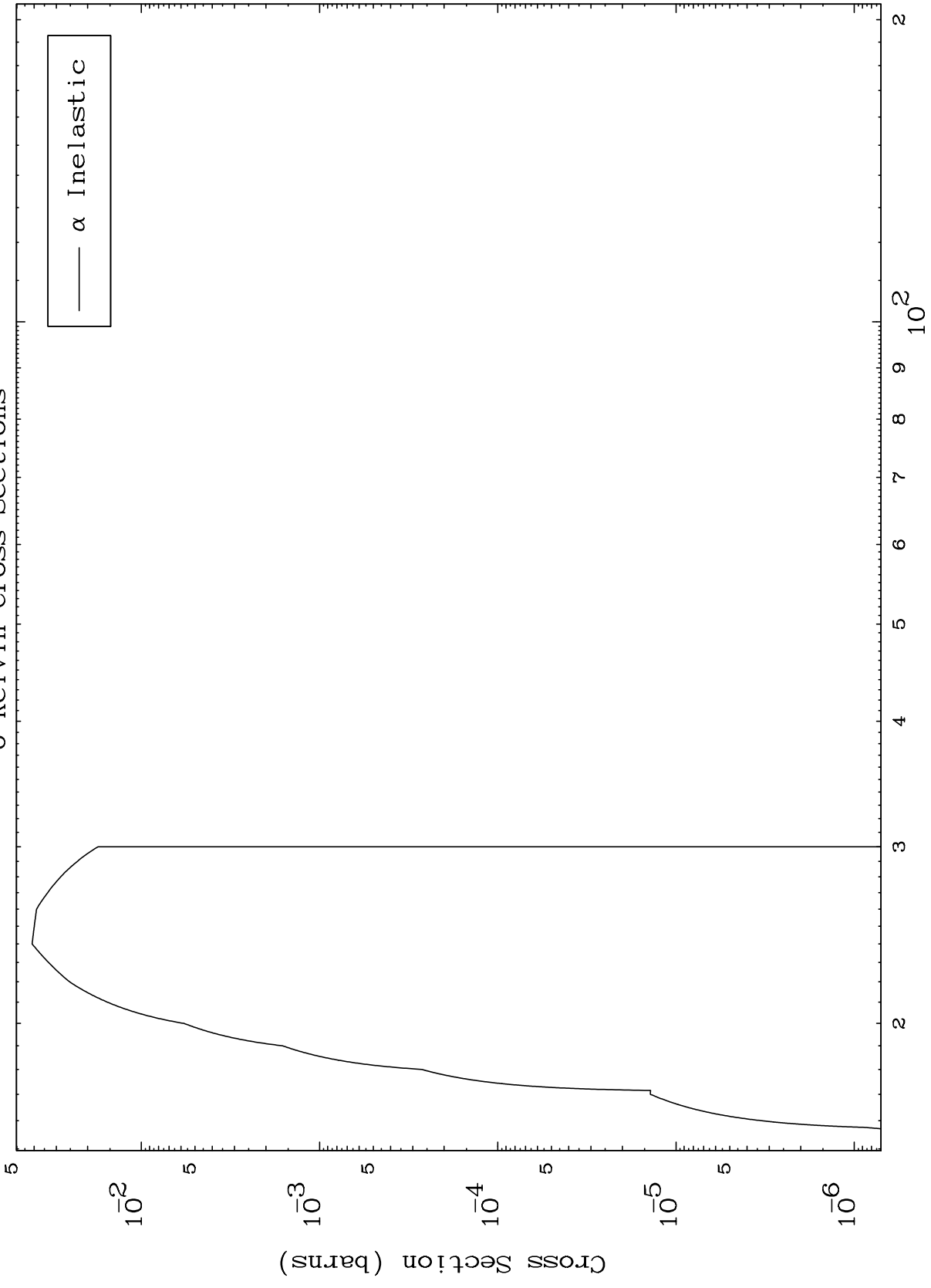
79-Au-178



MAT 7868

(α, n') Level
0 Kelvin Cross Sections

79-Au-178



5

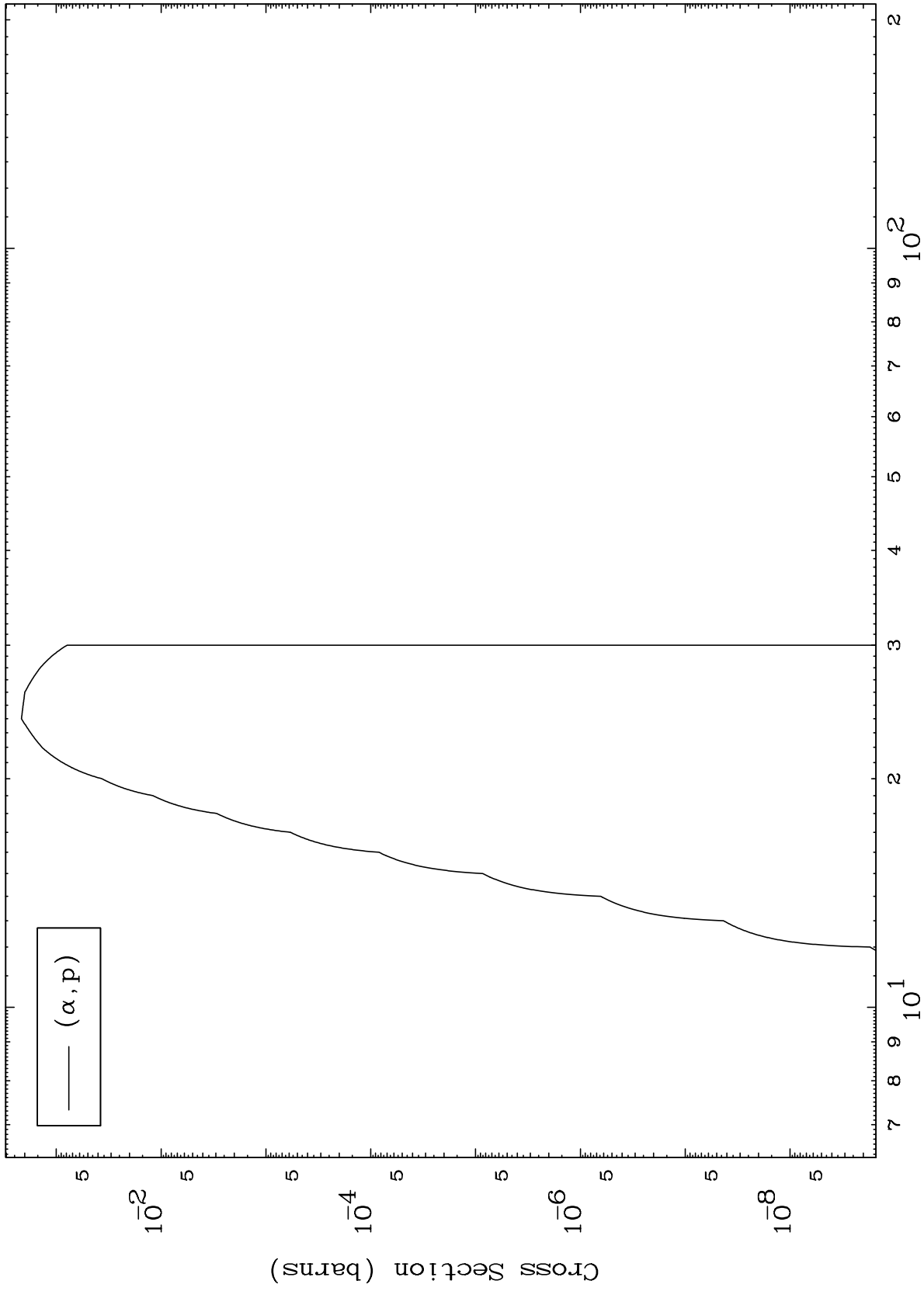
Incident Energy (MeV)

79-Au-178

MAT 7868

(α, p) Levels
0 Kelvin Cross Sections

⁷⁹Au-178



6

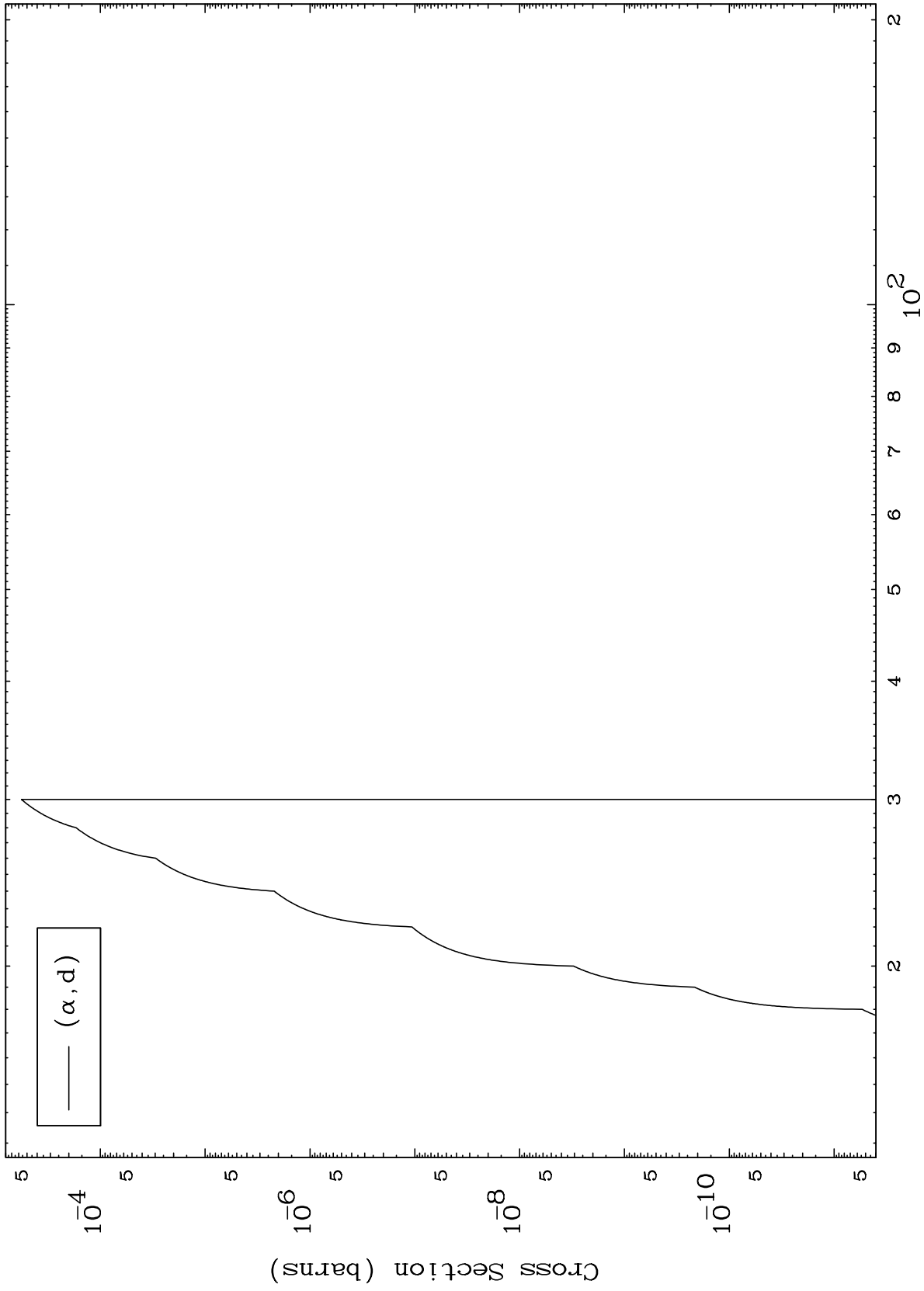
Incident Energy (MeV)

⁷⁹Au-178

MAT 7868

(α, d) Levels
0 Kelvin Cross Sections

79-Au-178



7

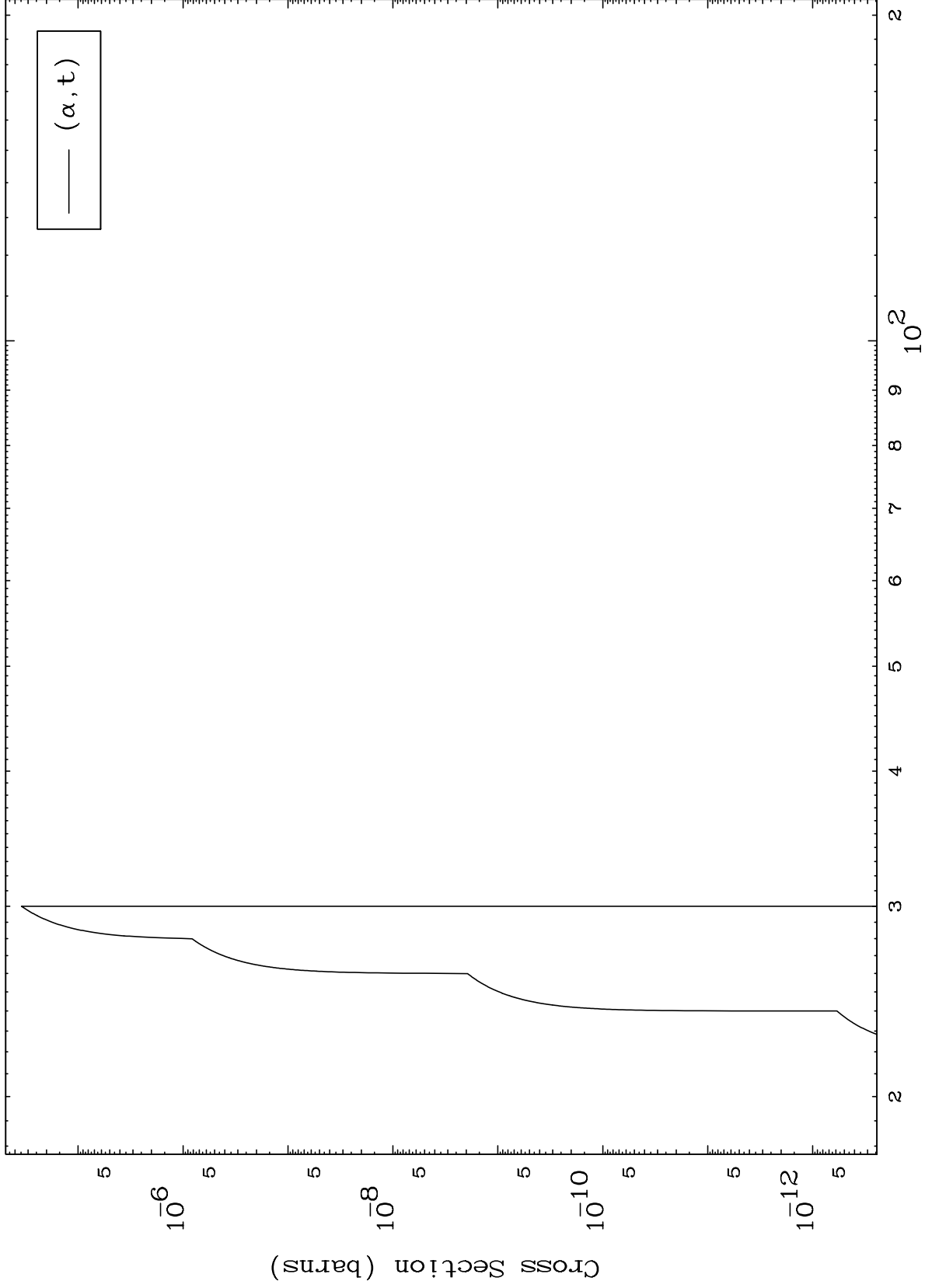
Incident Energy (MeV)

79-Au-178

MAT 7868

(α, t) Levels
0 Kelvin Cross Sections

⁷⁹Au-178



8

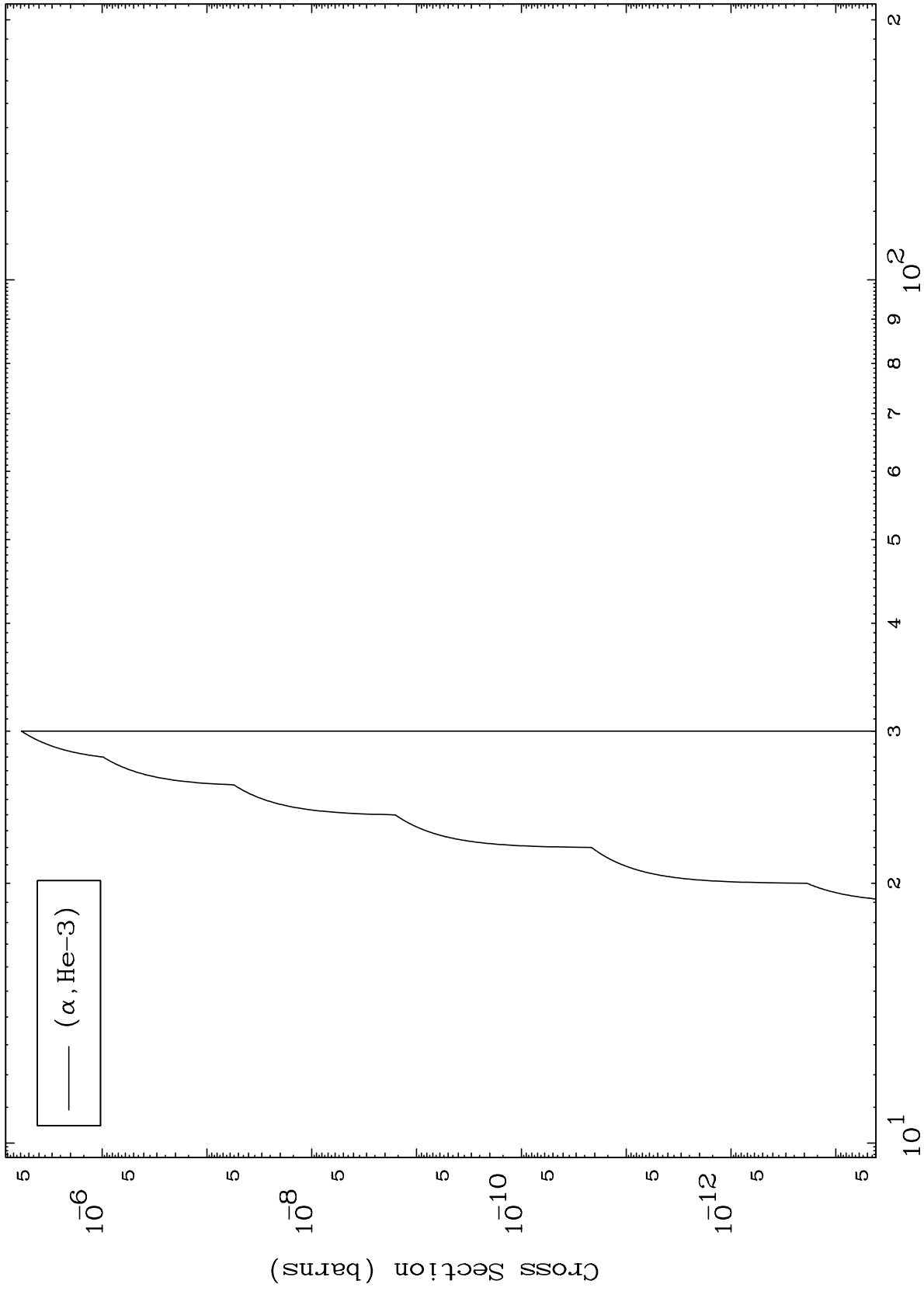
Incident Energy (MeV)

⁷⁹Au-178

MAT 7868

(α ,He3) Levels
0 Kelvin Cross Sections

79-Au-178



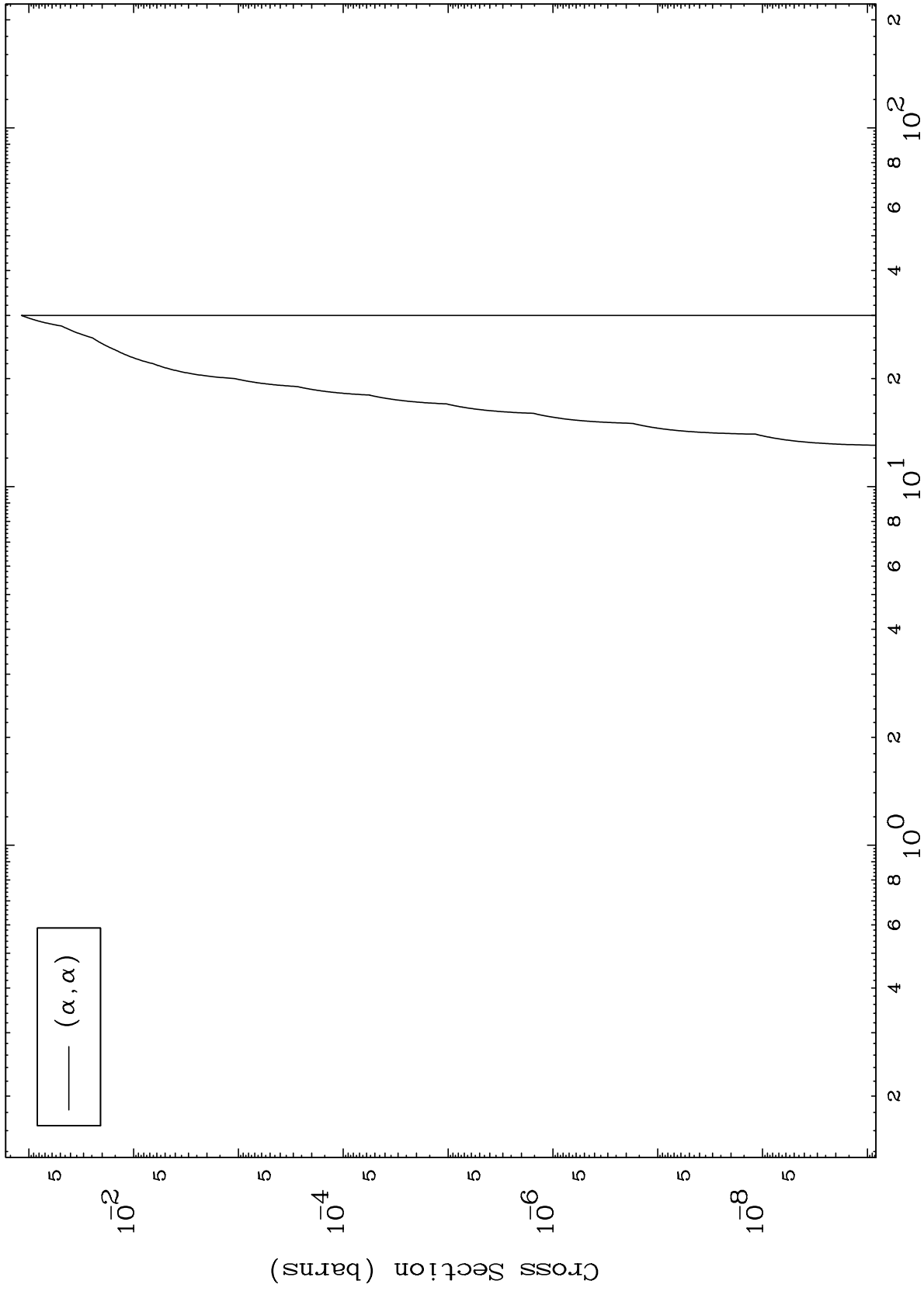
Incident Energy (MeV)

79-Au-178

MAT 7868

(α, α) Levels
0 Kelvin Cross Sections

79-Au-178



10

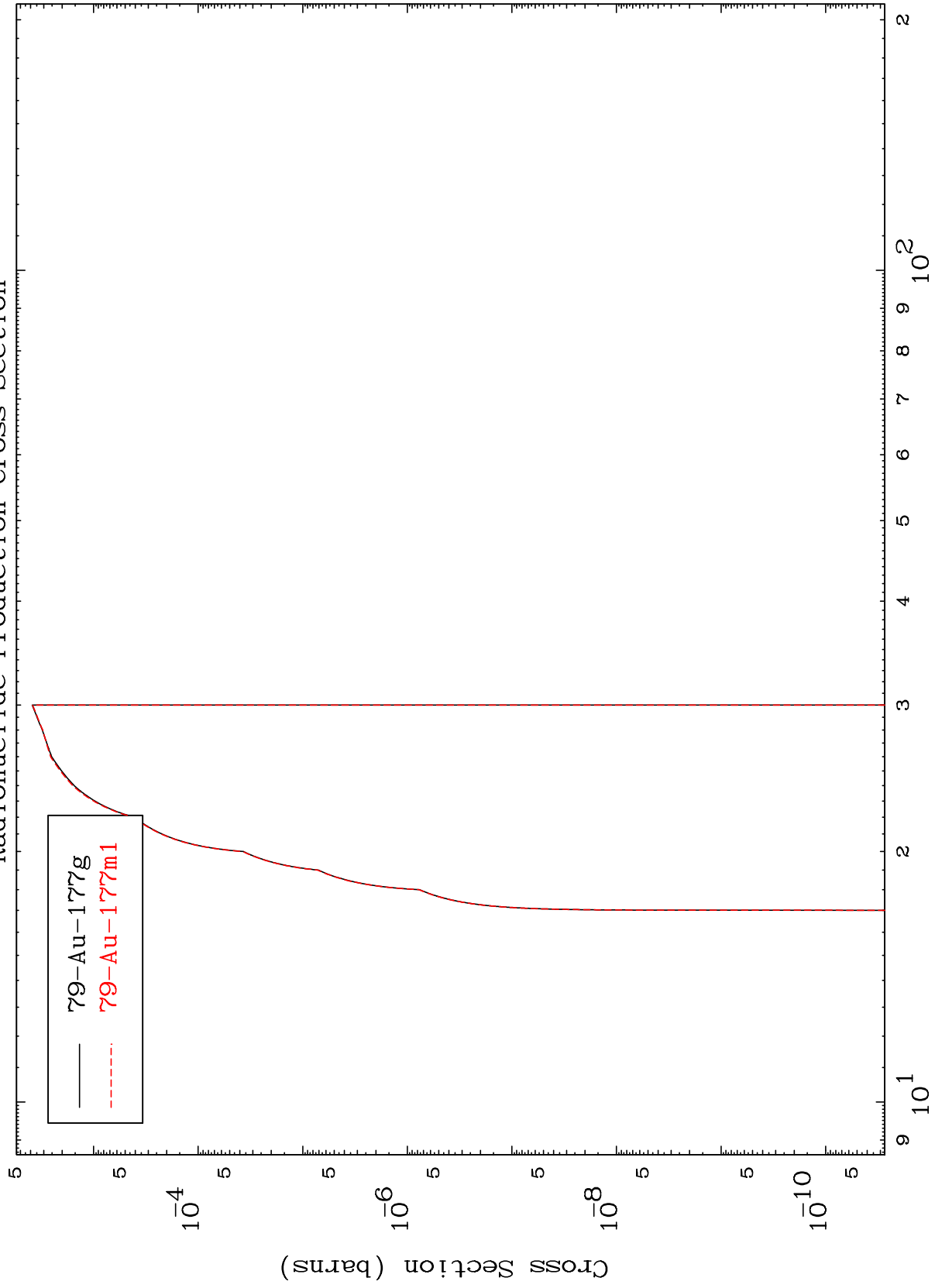
Incident Energy (MeV)

79-Au-178

MAT 7868

⁷⁹Au-178

(α, n') α
Radionuclide Production Cross Section



⁷⁹Au-178

Incident Energy (MeV)

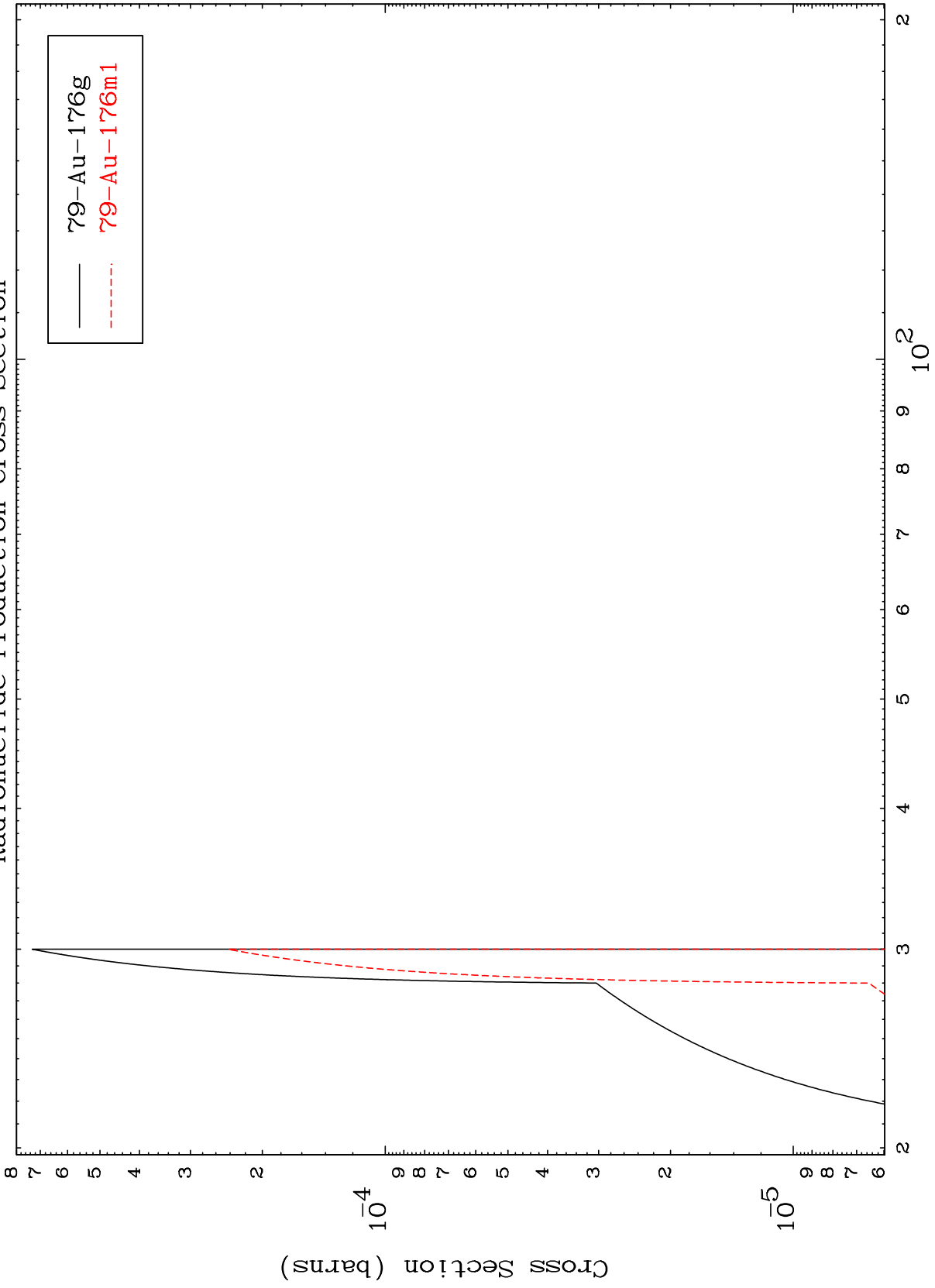
11

MAT 7868

$(\alpha, 2n) \alpha$

$^{79}\text{Au-178}$

Radionuclide Production Cross Section



12

Incident Energy (MeV)

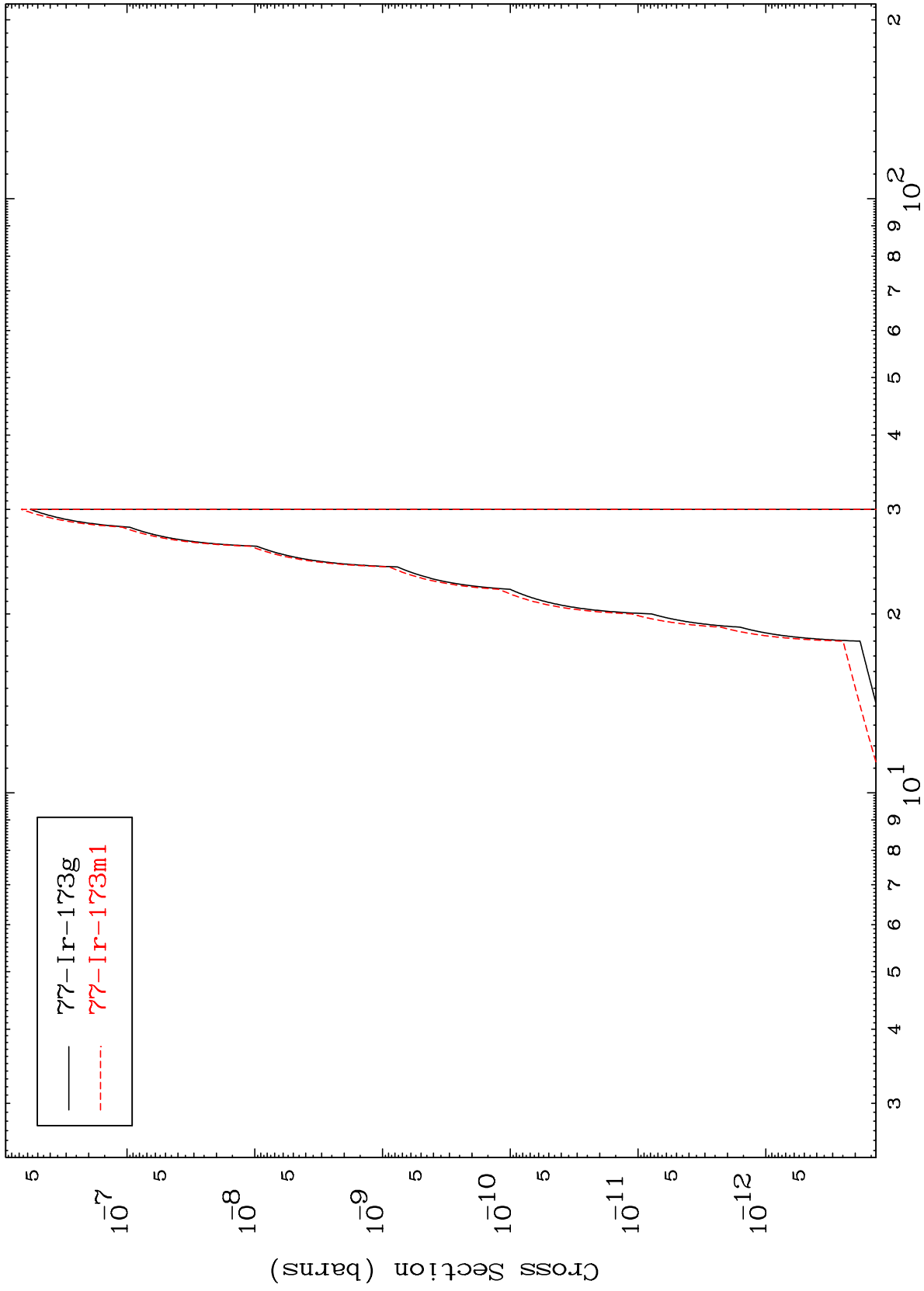
$^{79}\text{Au-178}$

MAT 7868

(α, n') 2α

⁷⁹Au-178

Radionuclide Production Cross Section



13

Incident Energy (MeV)

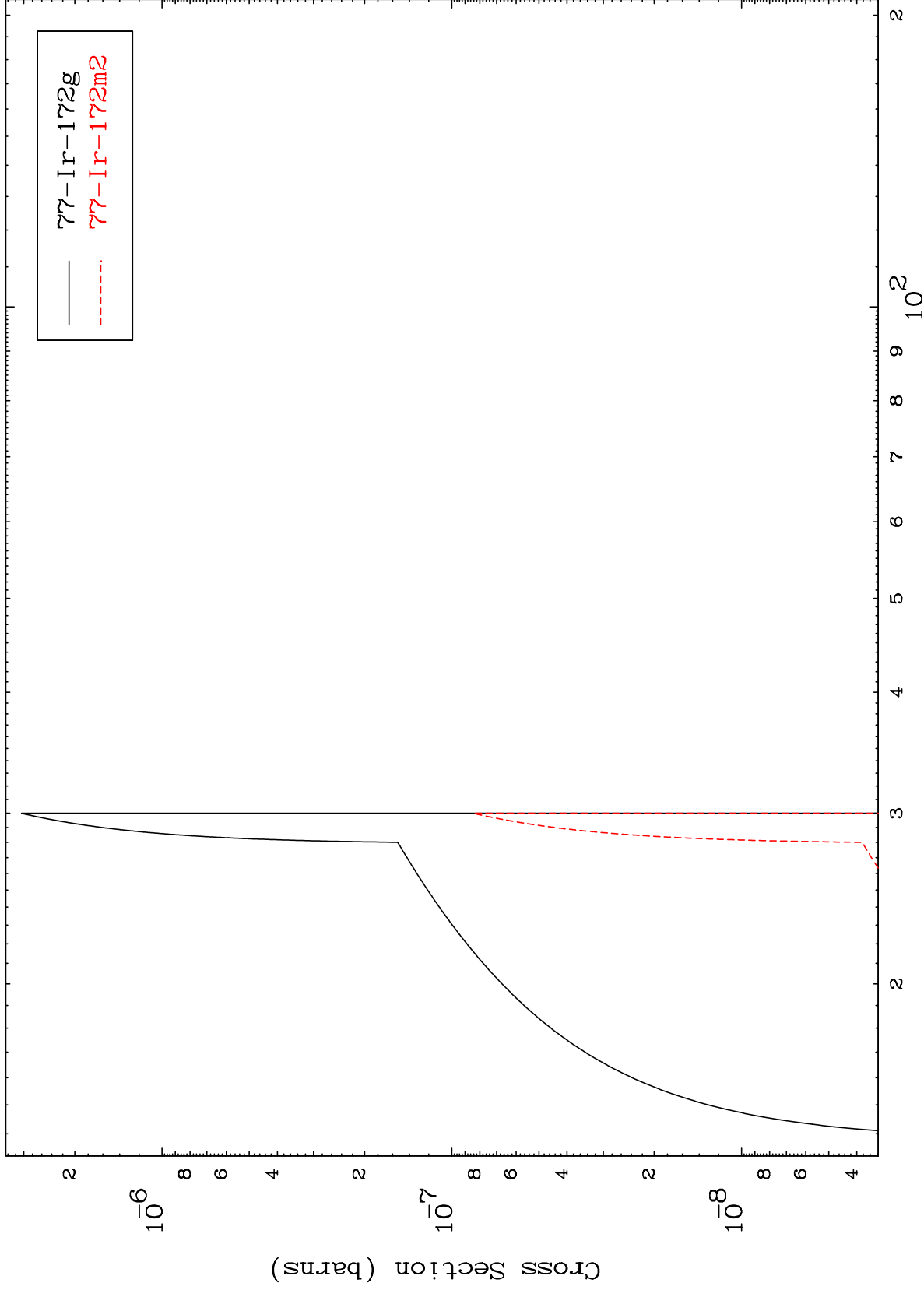
⁷⁹Au-178

MAT 7868

($\alpha, 2n$) 2α

$^{79}\text{Au-178}$

Radionuclide Production Cross Section



14

Incident Energy (MeV)

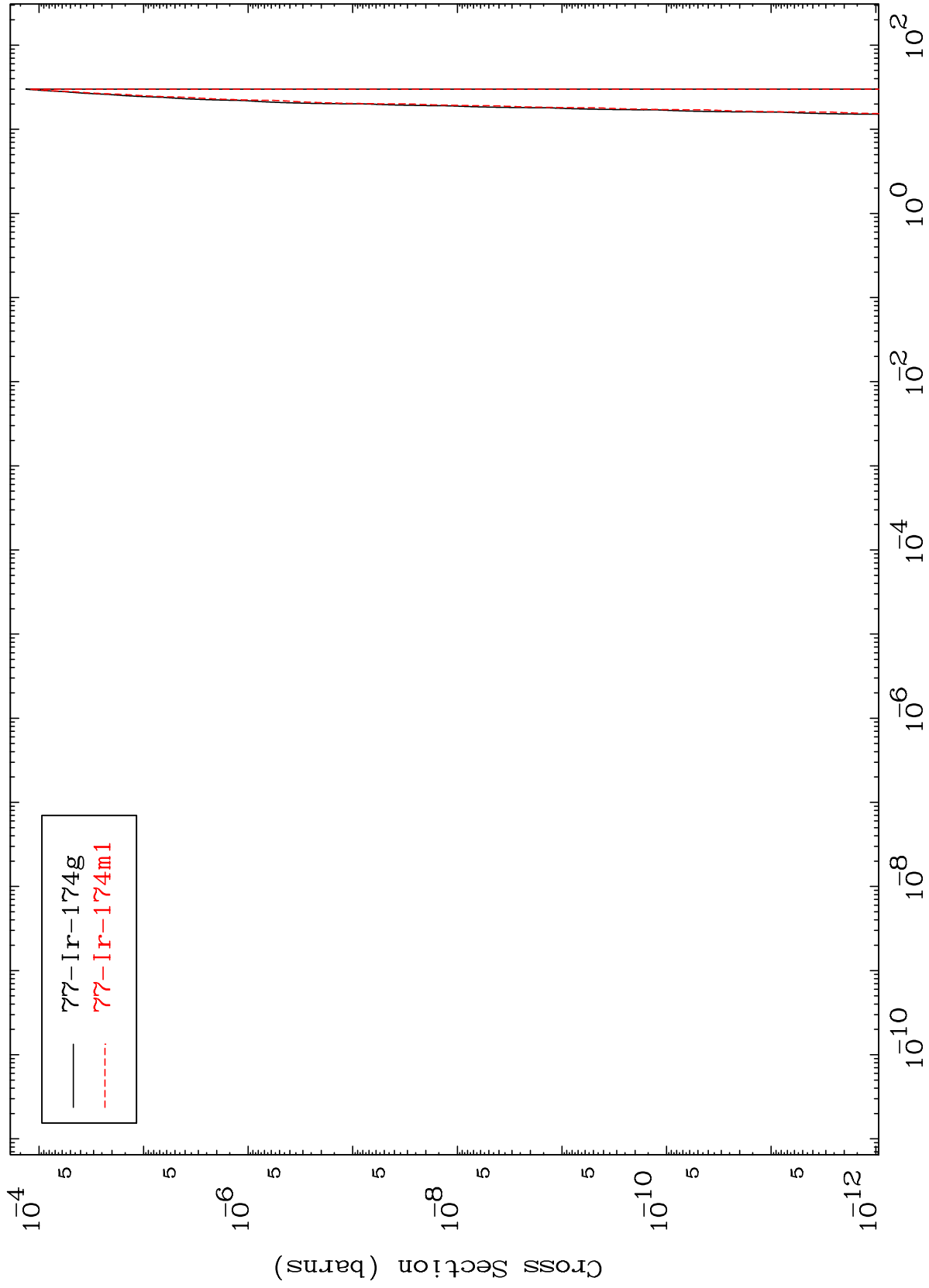
$^{79}\text{Au-178}$

MAT 7868

($\alpha, 2\alpha$)

⁷⁹Au-178

Radionuclide Production Cross Section



15

Incident Energy (MeV)

⁷⁹Au-178