

Program EVALPLOT
(Version 2018-1)

by

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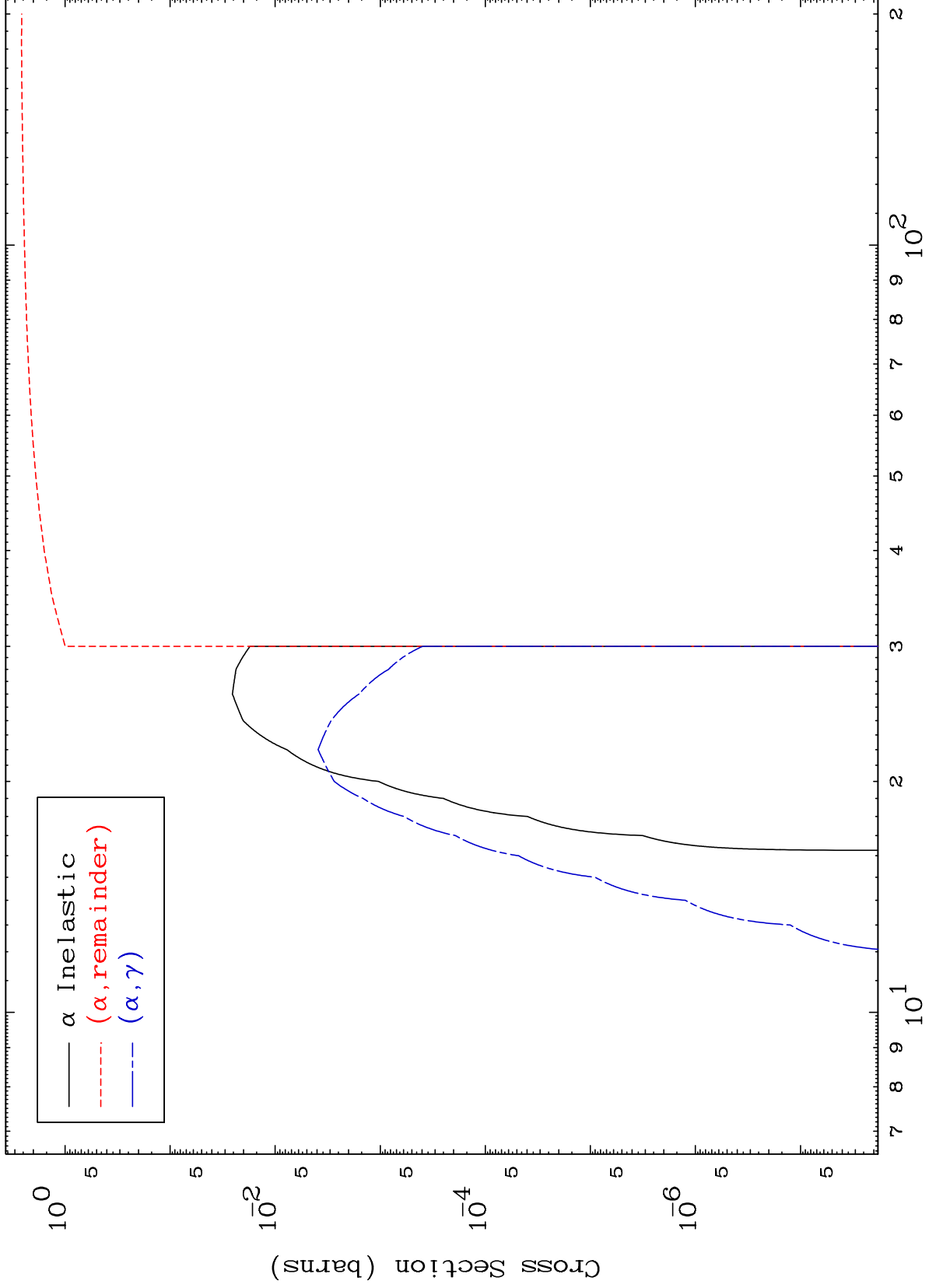
Press Mouse Button to Start

MAT 7862

α Major

79-Au-176

0 Kelvin Cross Sections

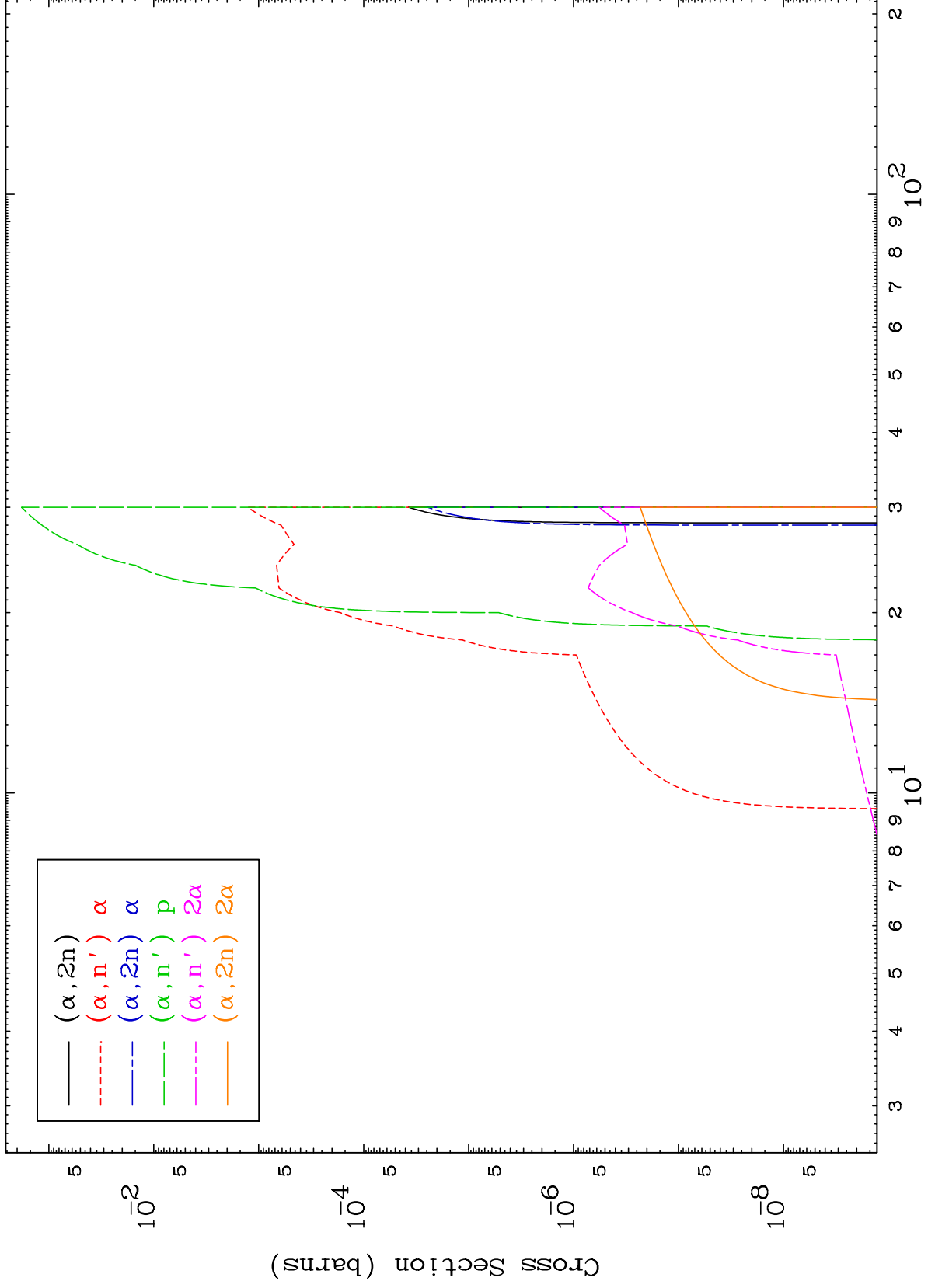


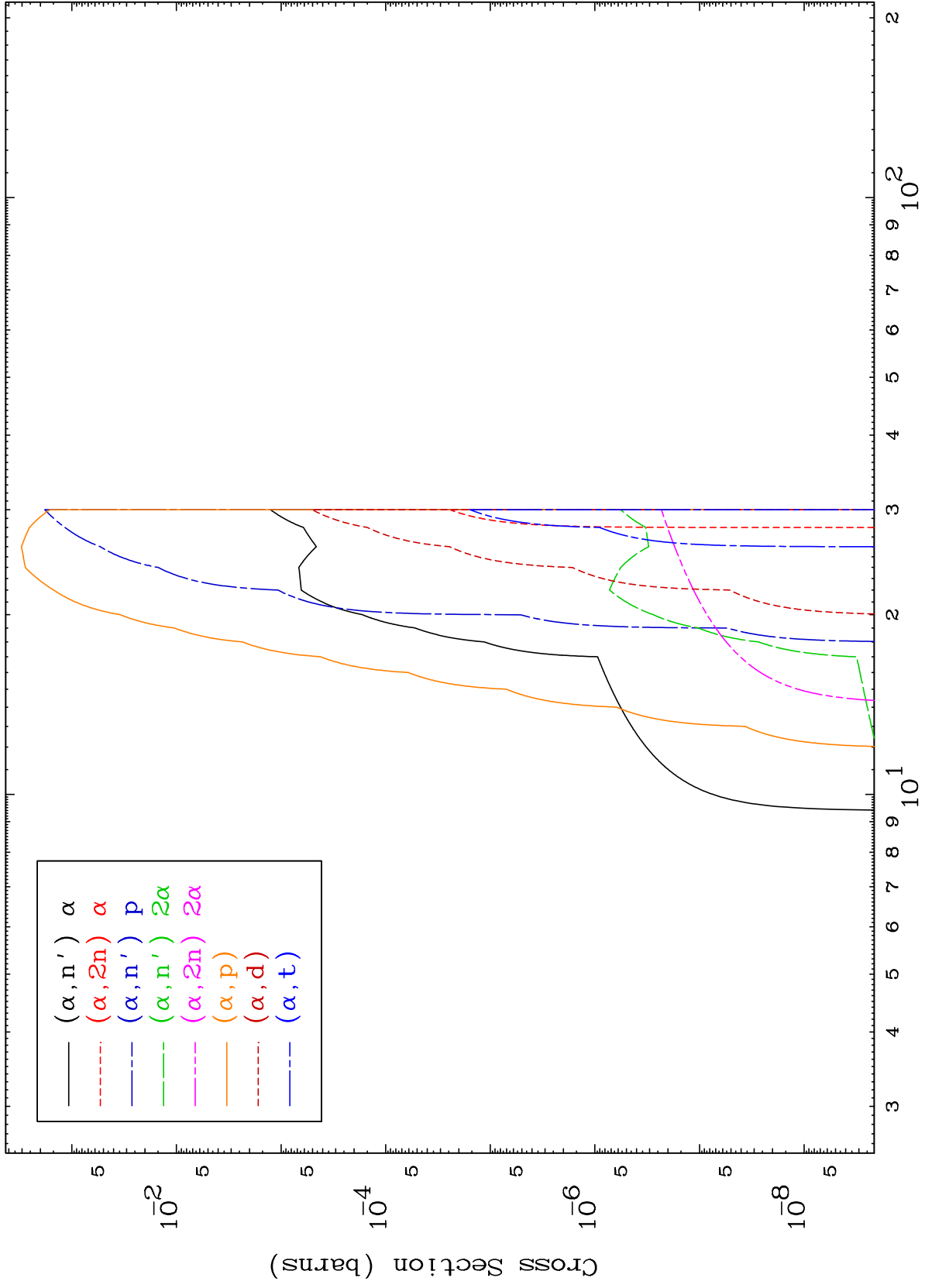
α Inelastic
(α , remainder)
(α , γ)

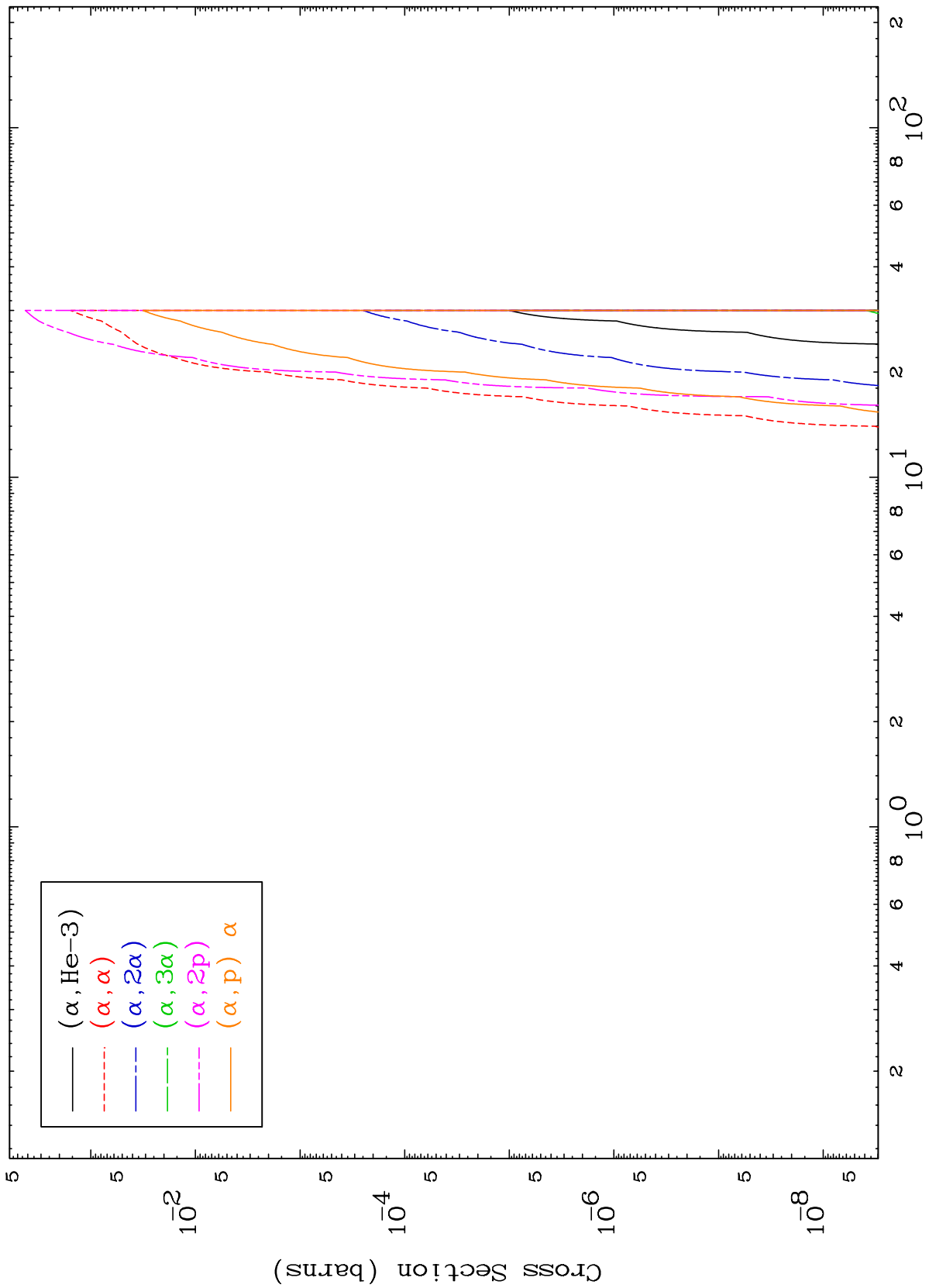
1

Incident Energy (MeV)

79-Au-176





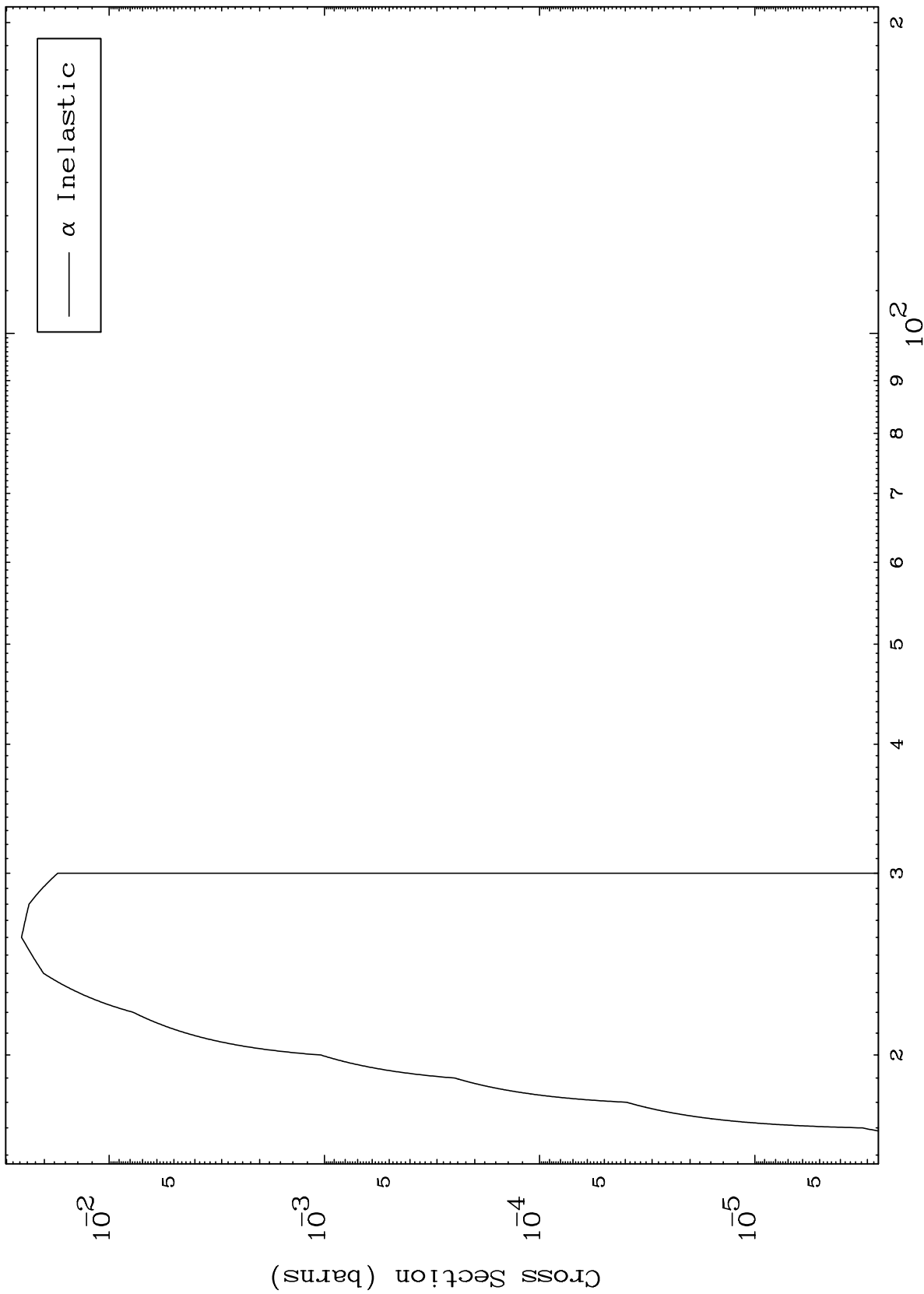


MAT 7862

(α, n') Level

79-Au-176

0 Kelvin Cross Sections



5

Incident Energy (MeV)

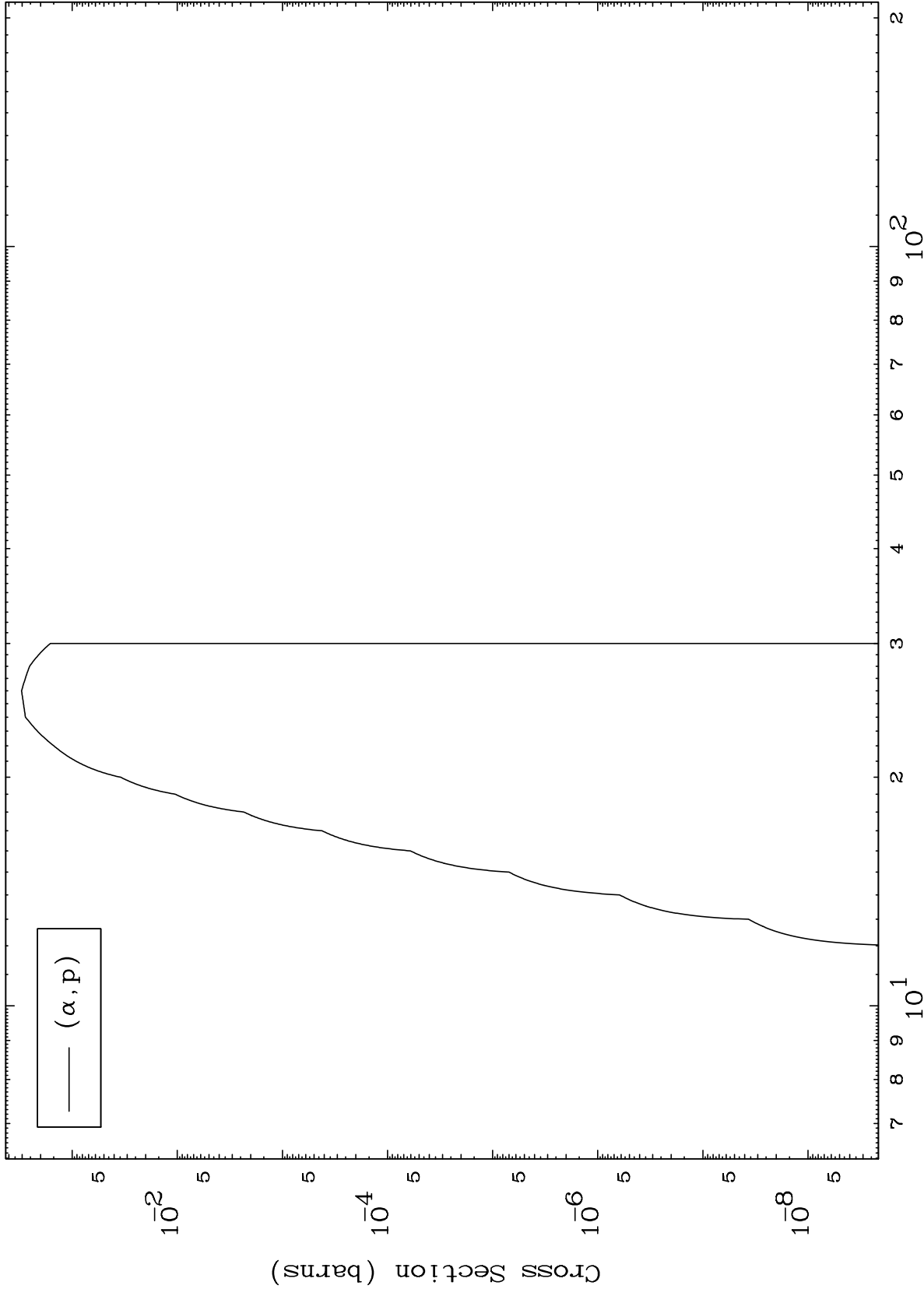
79-Au-176

MAT 7862

(α, p) Levels

79-Au-176

0 Kelvin Cross Sections



6

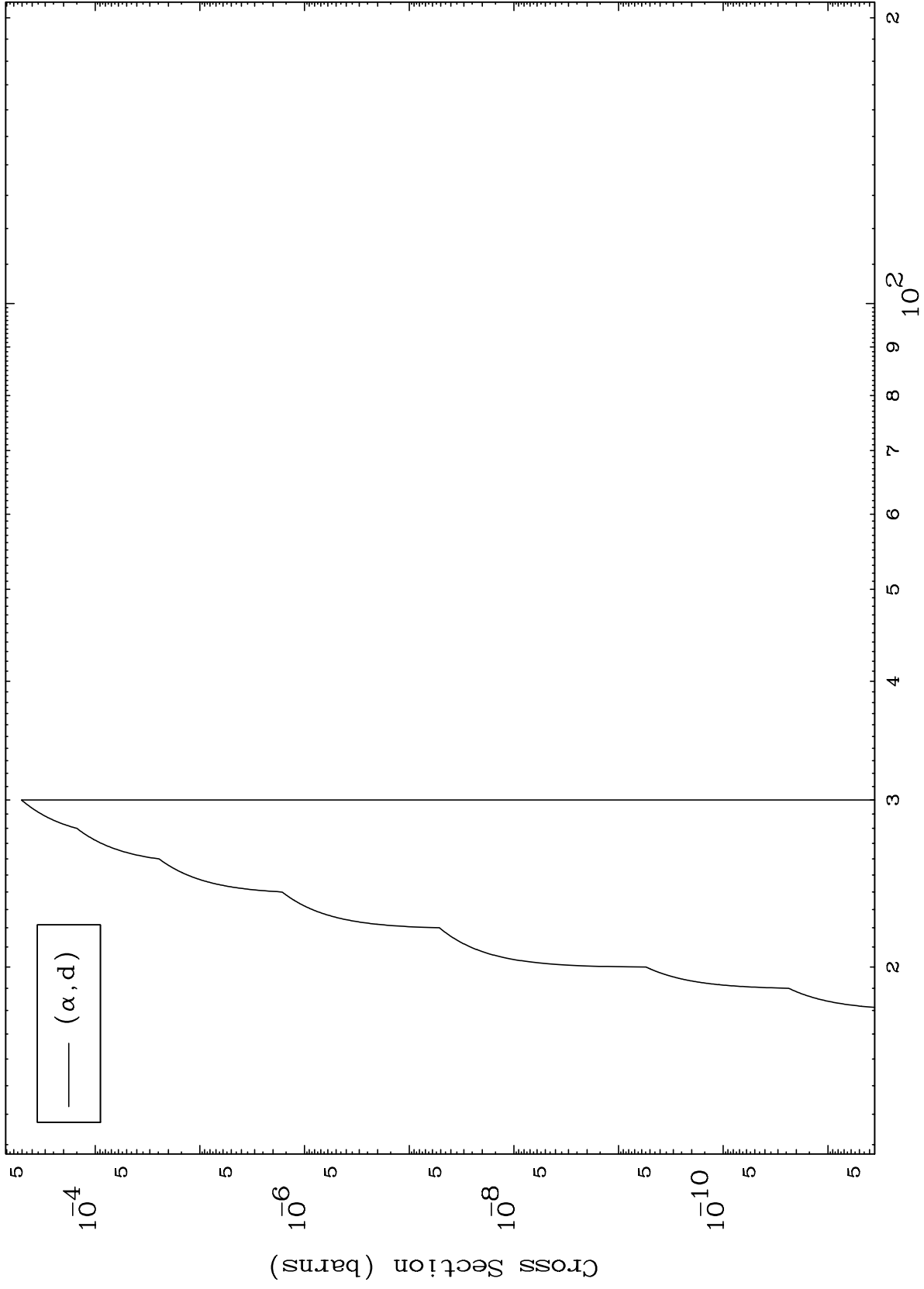
Incident Energy (MeV)

79-Au-176

MAT 7862

(α, d) Levels
0 Kelvin Cross Sections

79-Au-176



7

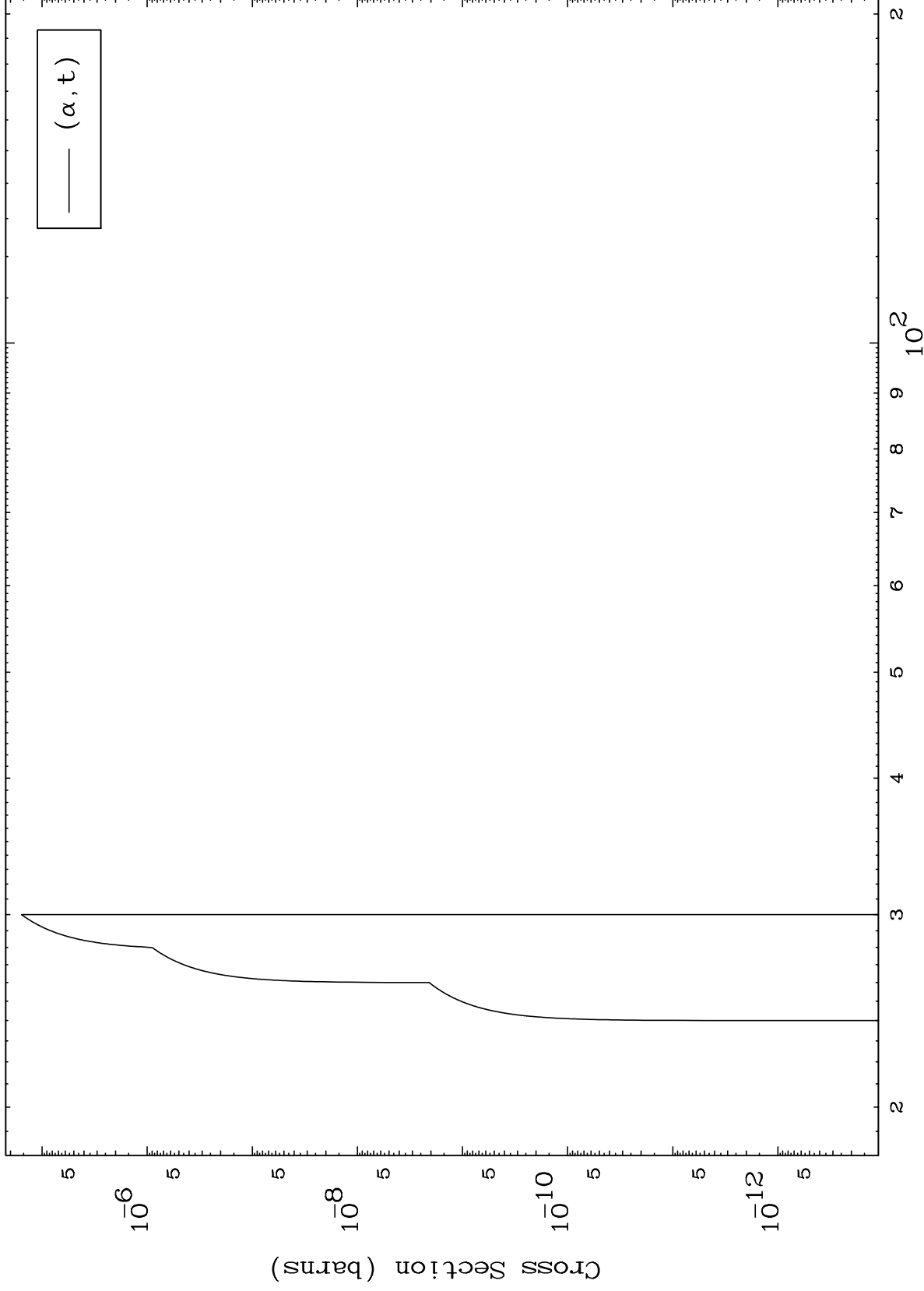
Incident Energy (MeV)

79-Au-176

MAT 7862

(α, t) Levels
0 Kelvin Cross Sections

79-Au-176



8

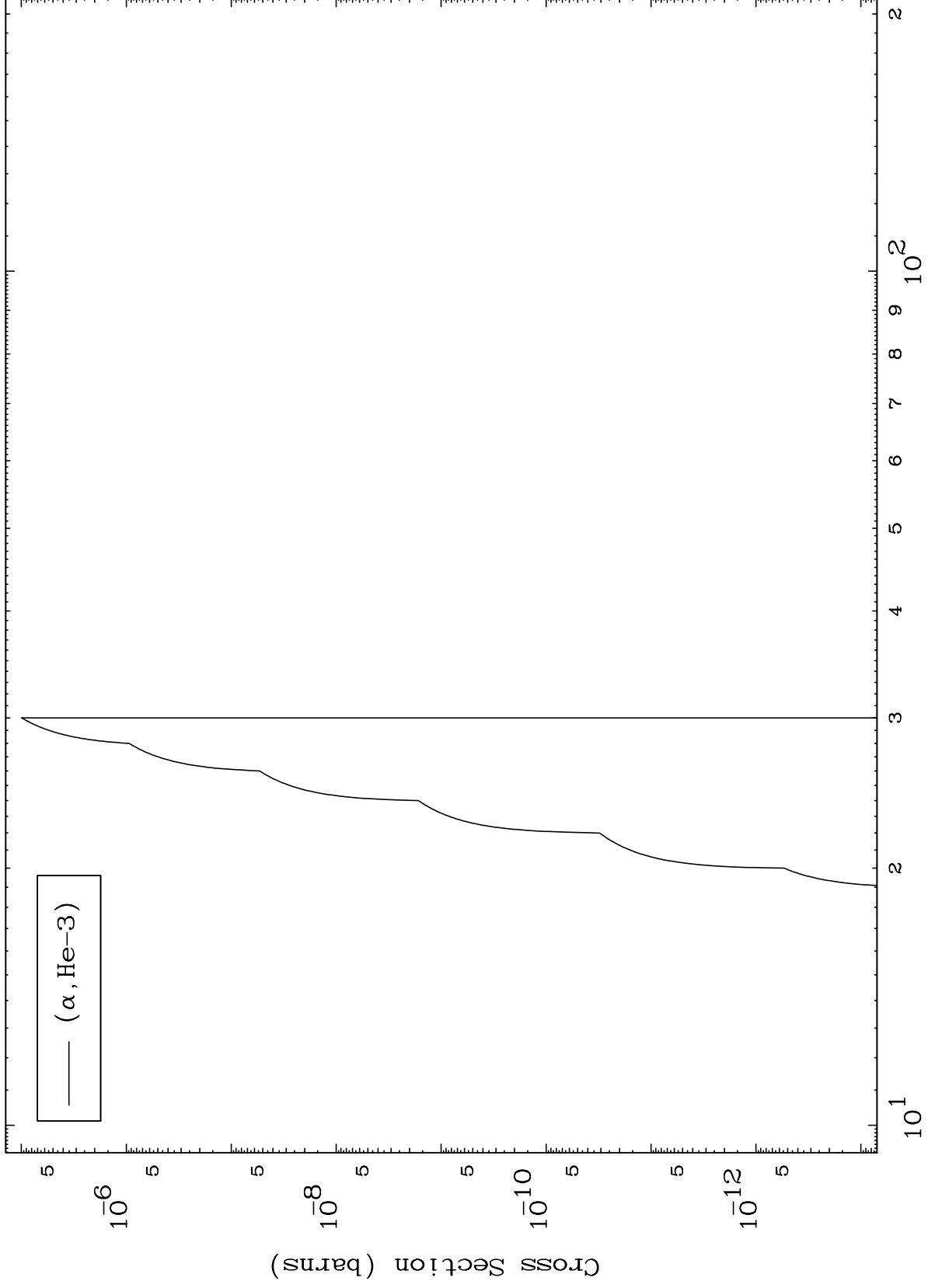
Incident Energy (MeV)

79-Au-176

MAT 7862

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

79-Au-176



Incident Energy (MeV)

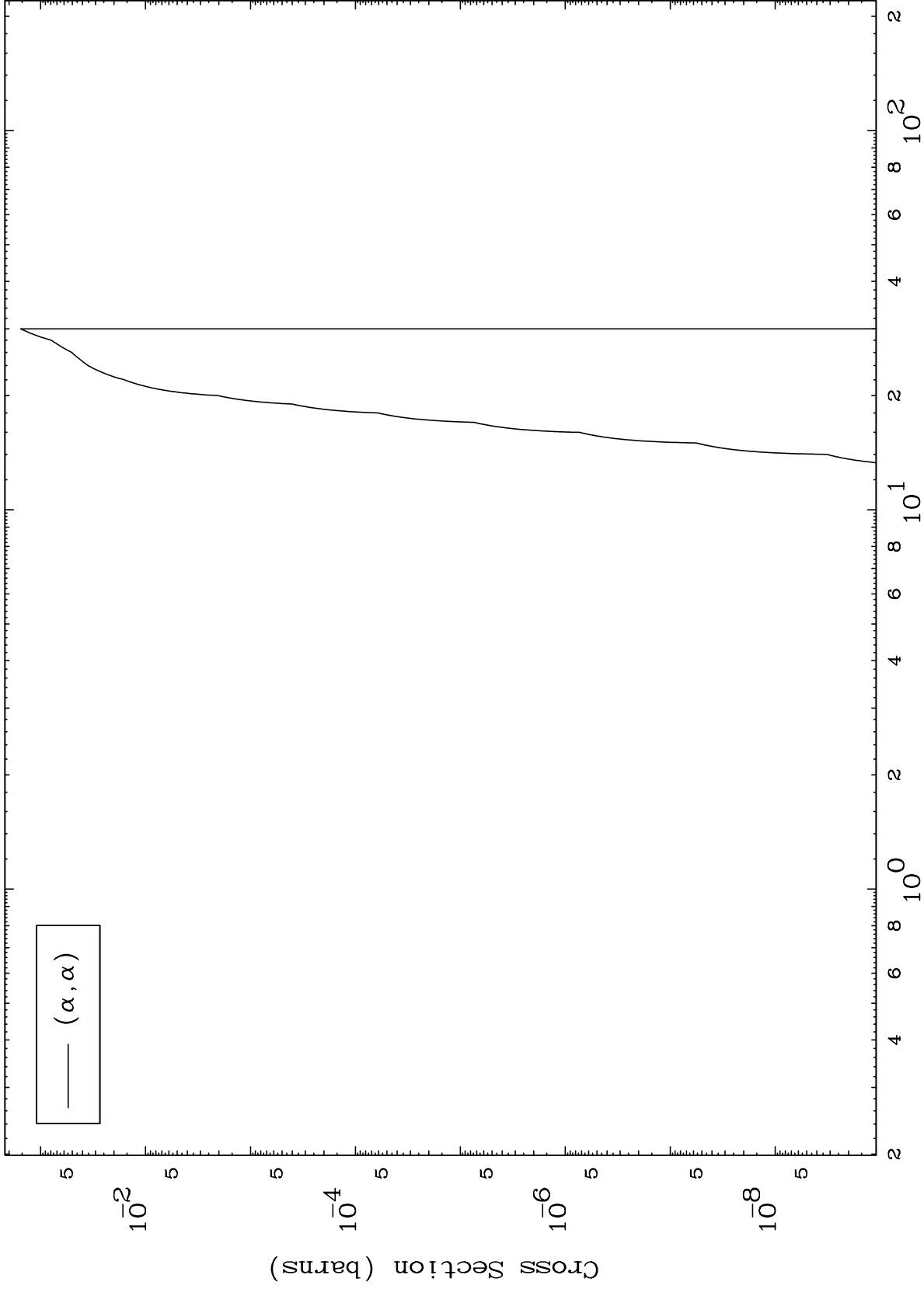
79-Au-176

MAT 7862

(α, α) Levels

79-Au-176

0 Kelvin Cross Sections



10

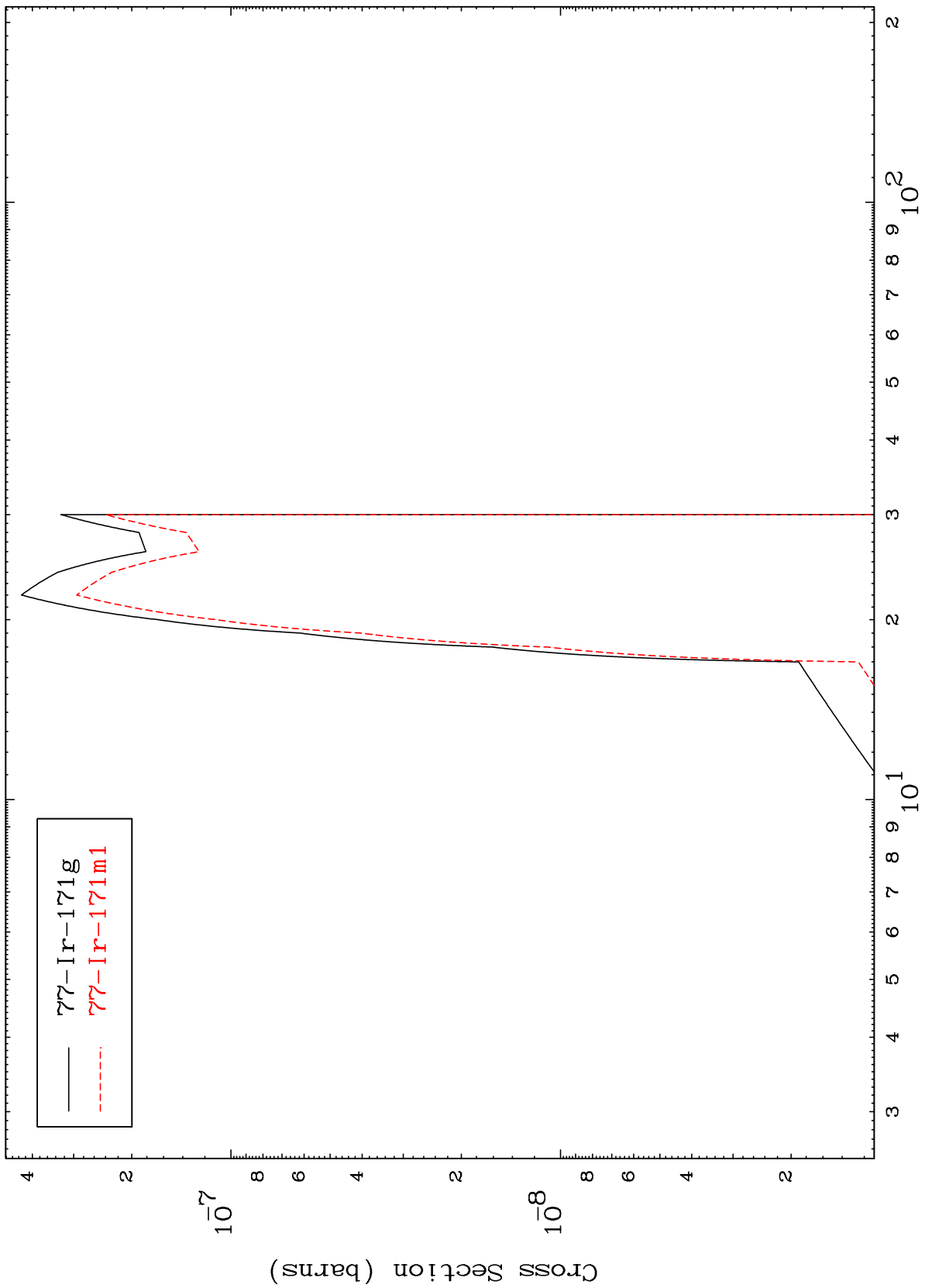
Incident Energy (MeV)

79-Au-176

MAT 7862

79-Au-176

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



11

Incident Energy (MeV)

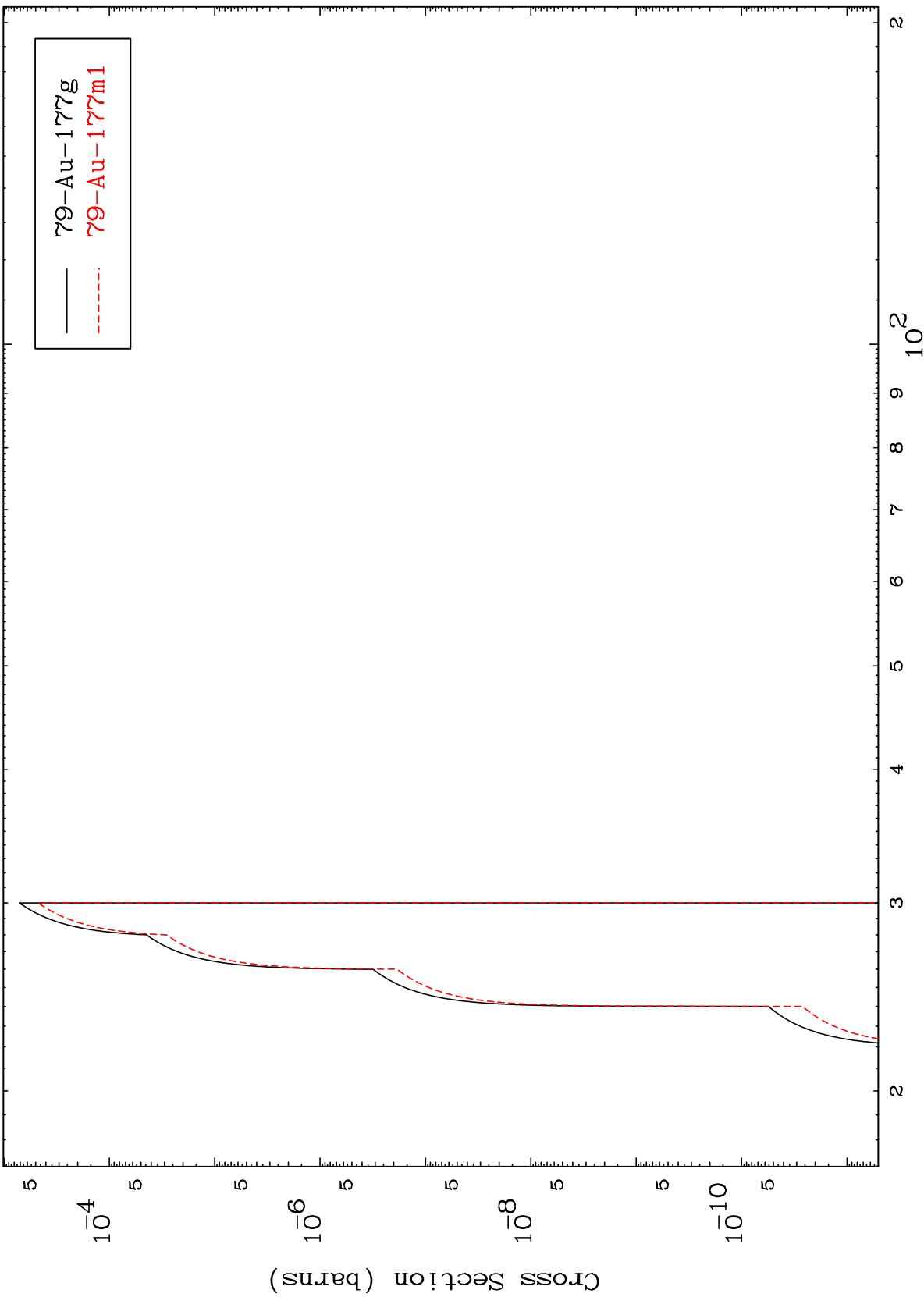
79-Au-176

MAT 7862

$(\alpha, 2n)$ p

⁷⁹Au-176

Radionuclide Production Cross Section



12

Incident Energy (MeV)

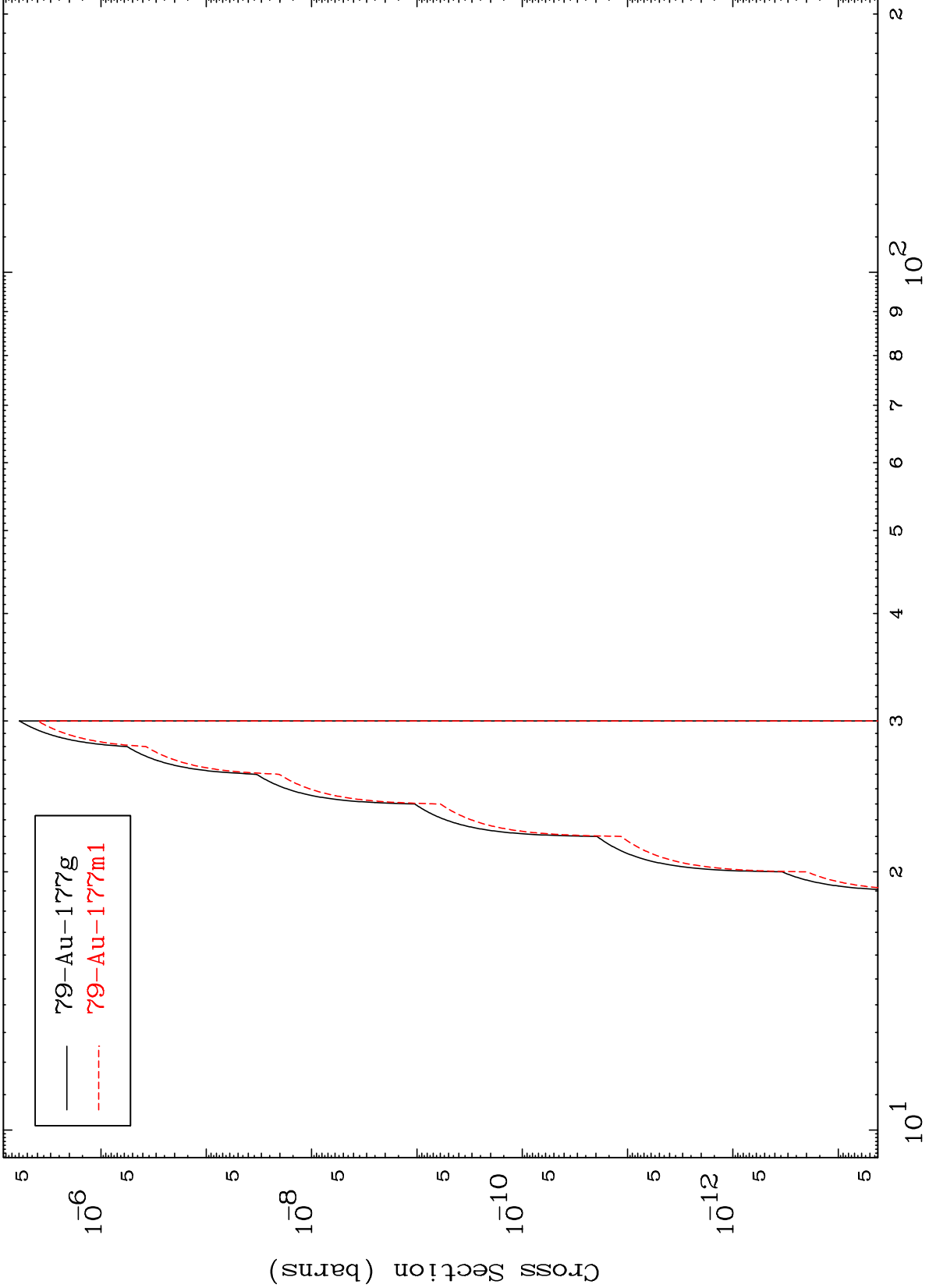
⁷⁹Au-176

MAT 7862

($\alpha, \text{He-3}$)

$^{79}\text{Au-176}$

Radionuclide Production Cross Section



79-Au-177g
79-Au-177m1

13

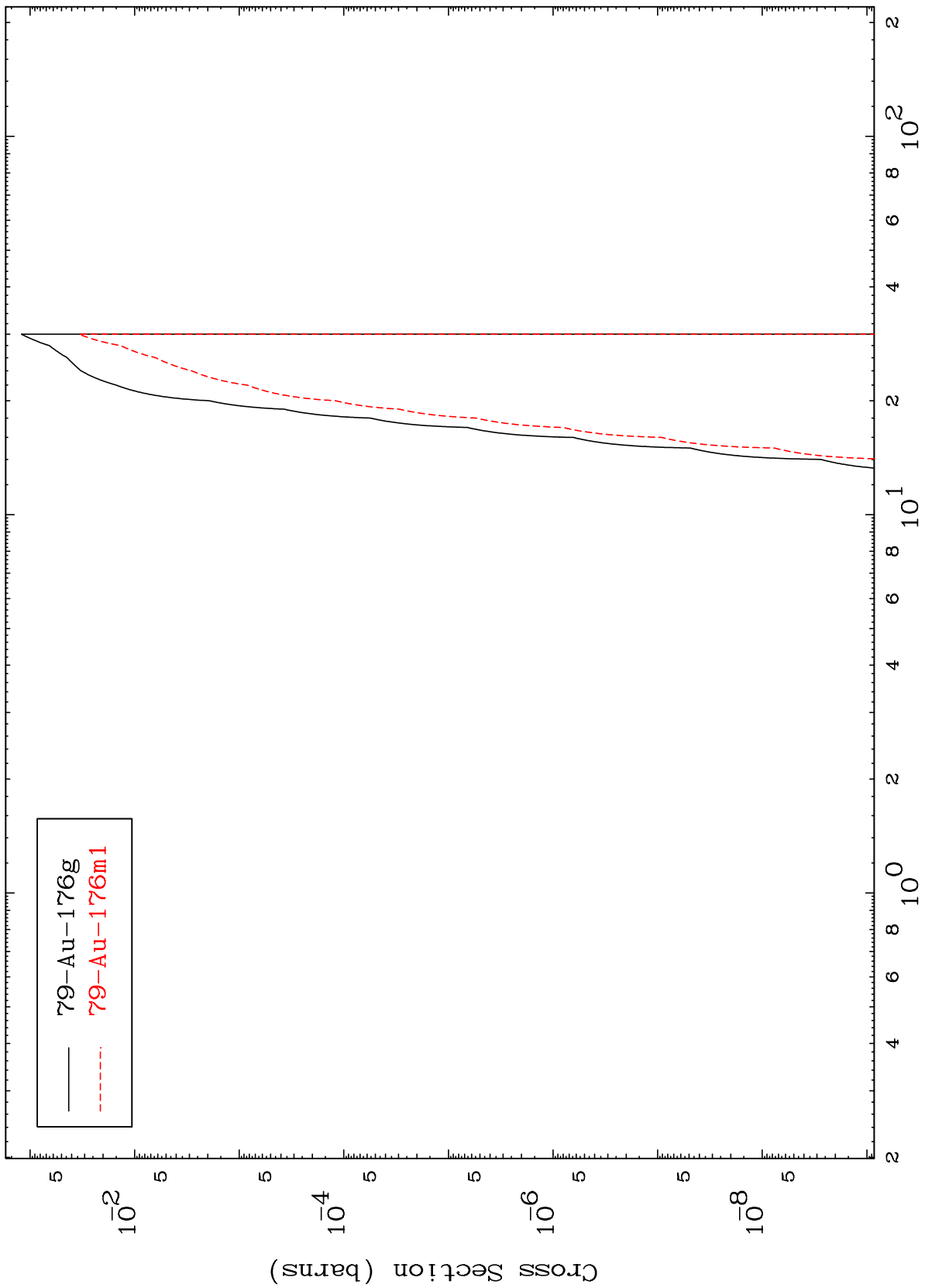
Incident Energy (MeV)

$^{79}\text{Au-176}$

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⁷⁹Au-176

(α, α)
Radionuclide Production Cross Section



⁷⁹Au-176

Incident Energy (MeV)

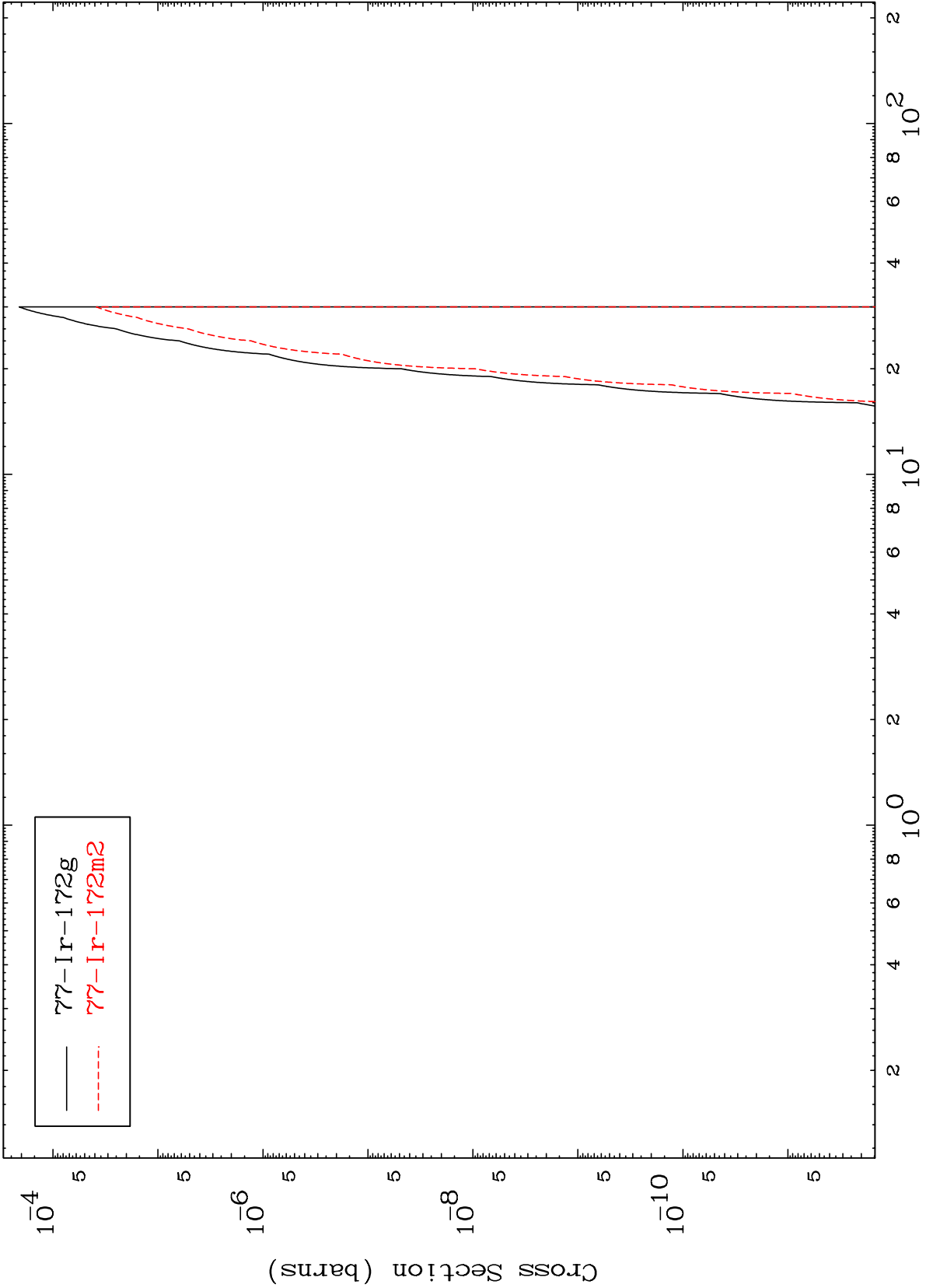
14

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($\alpha, 2\alpha$)

79-Au-176

Radionuclide Production Cross Section



15

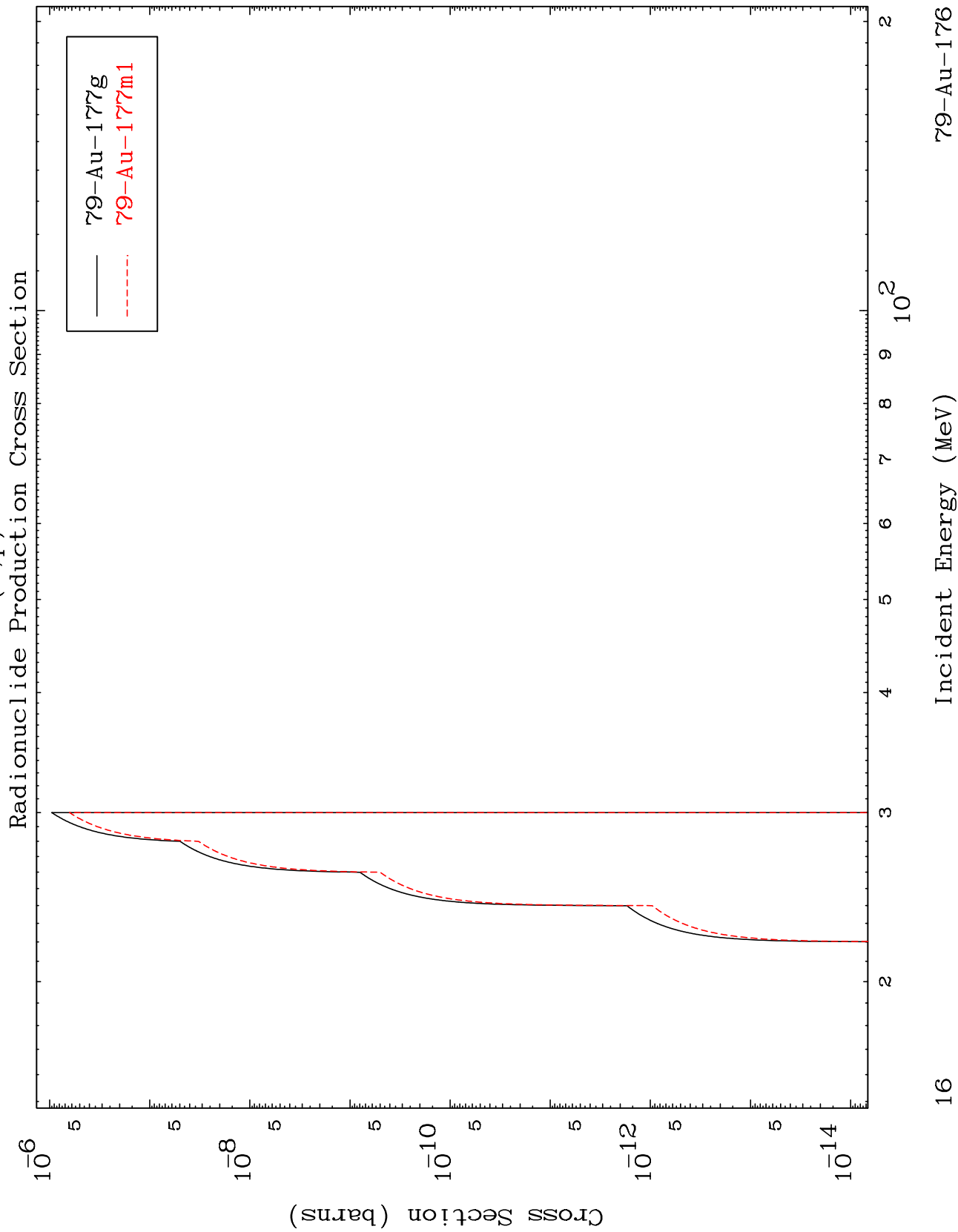
Incident Energy (MeV)

79-Au-176

MAT 7862

(α, p) d

⁷⁹Au-176



16

⁷⁹Au-176