

Program EVALPLOT
(Version 2018-1)

by

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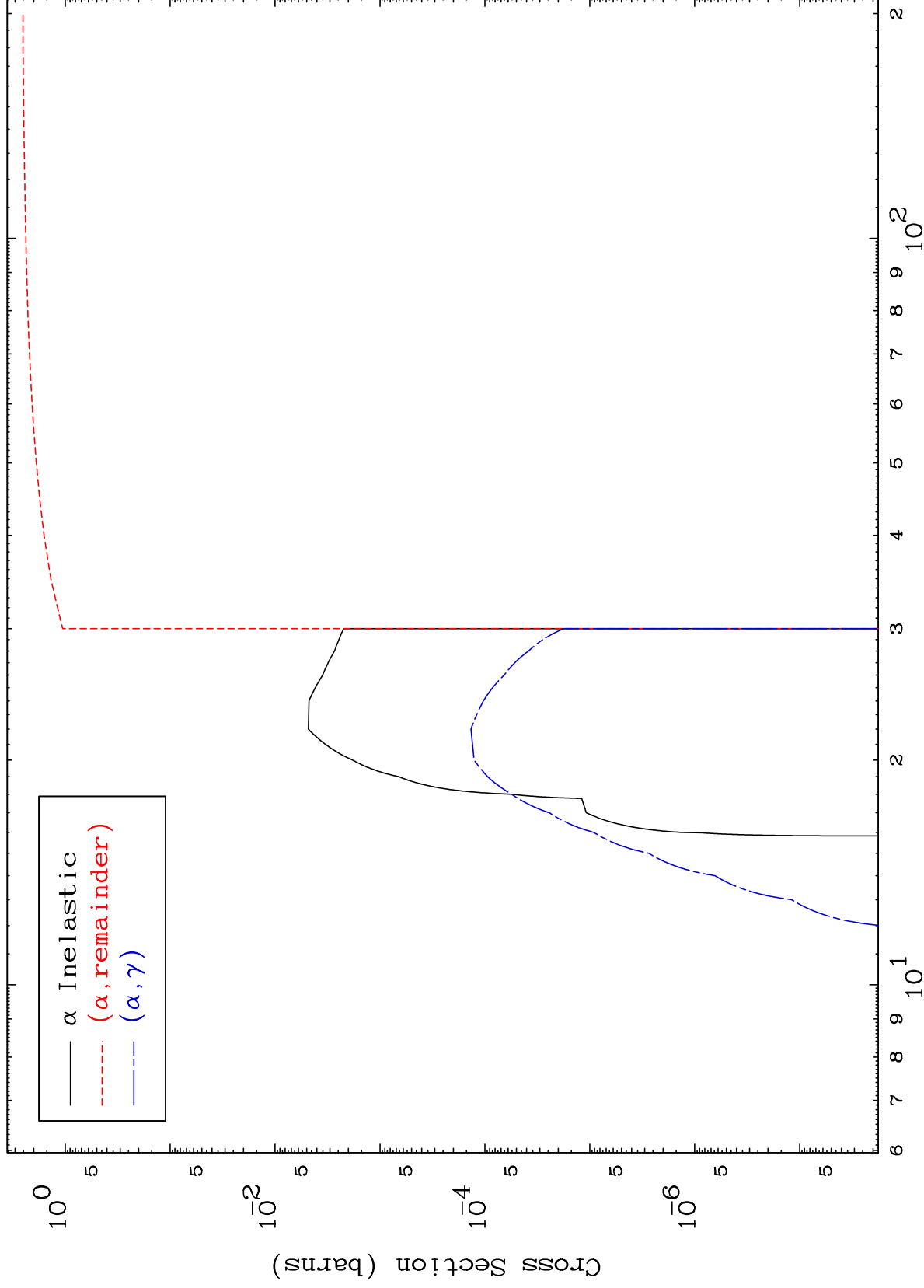
Press Mouse Button to Start

MAT 7468

0 Kelvin Cross Sections

α Major

75-Re-166



1

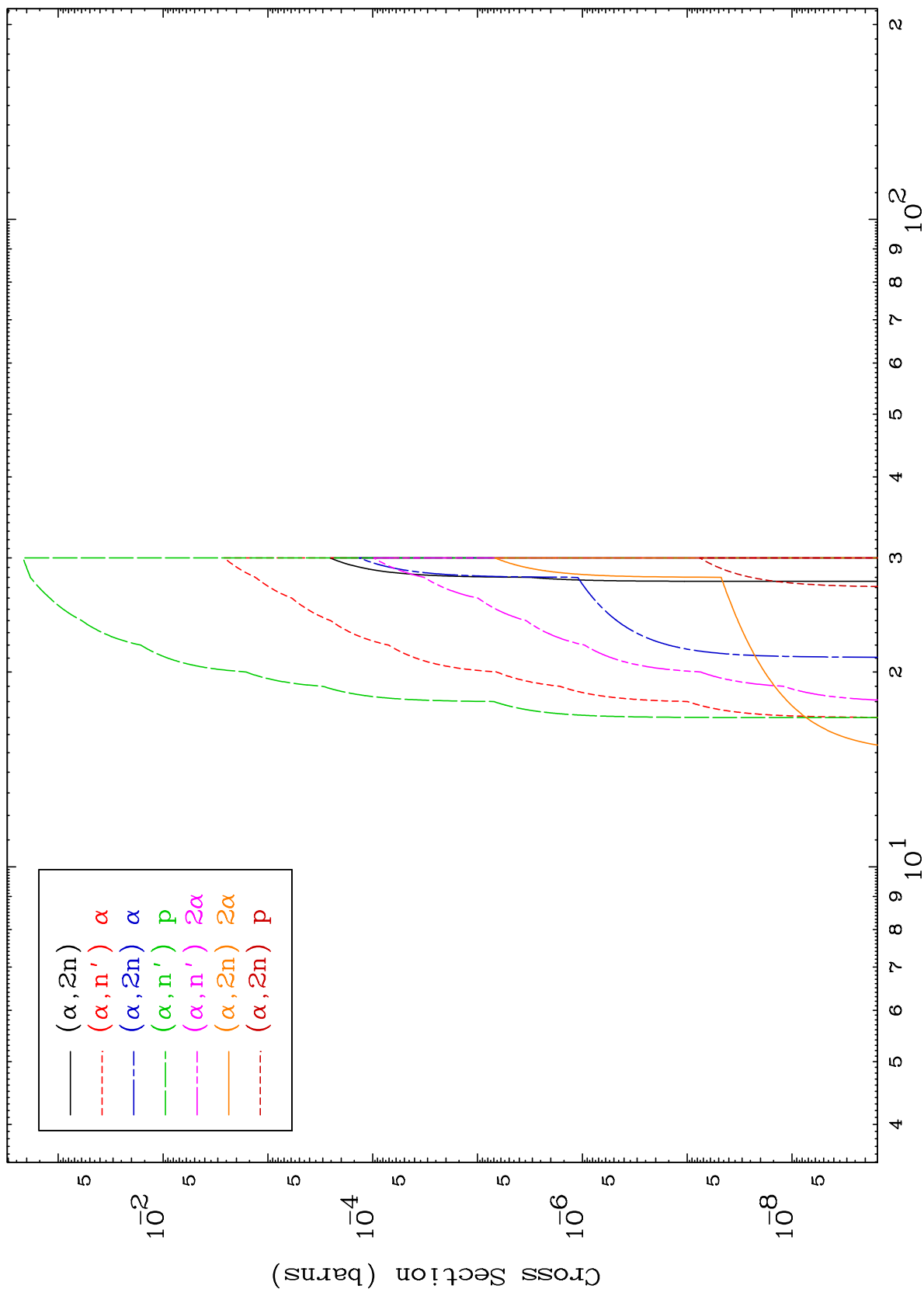
Incident Energy (MeV)

75-Re-166

MAT 7468

α Neutron Production
0 Kelvin Cross Sections

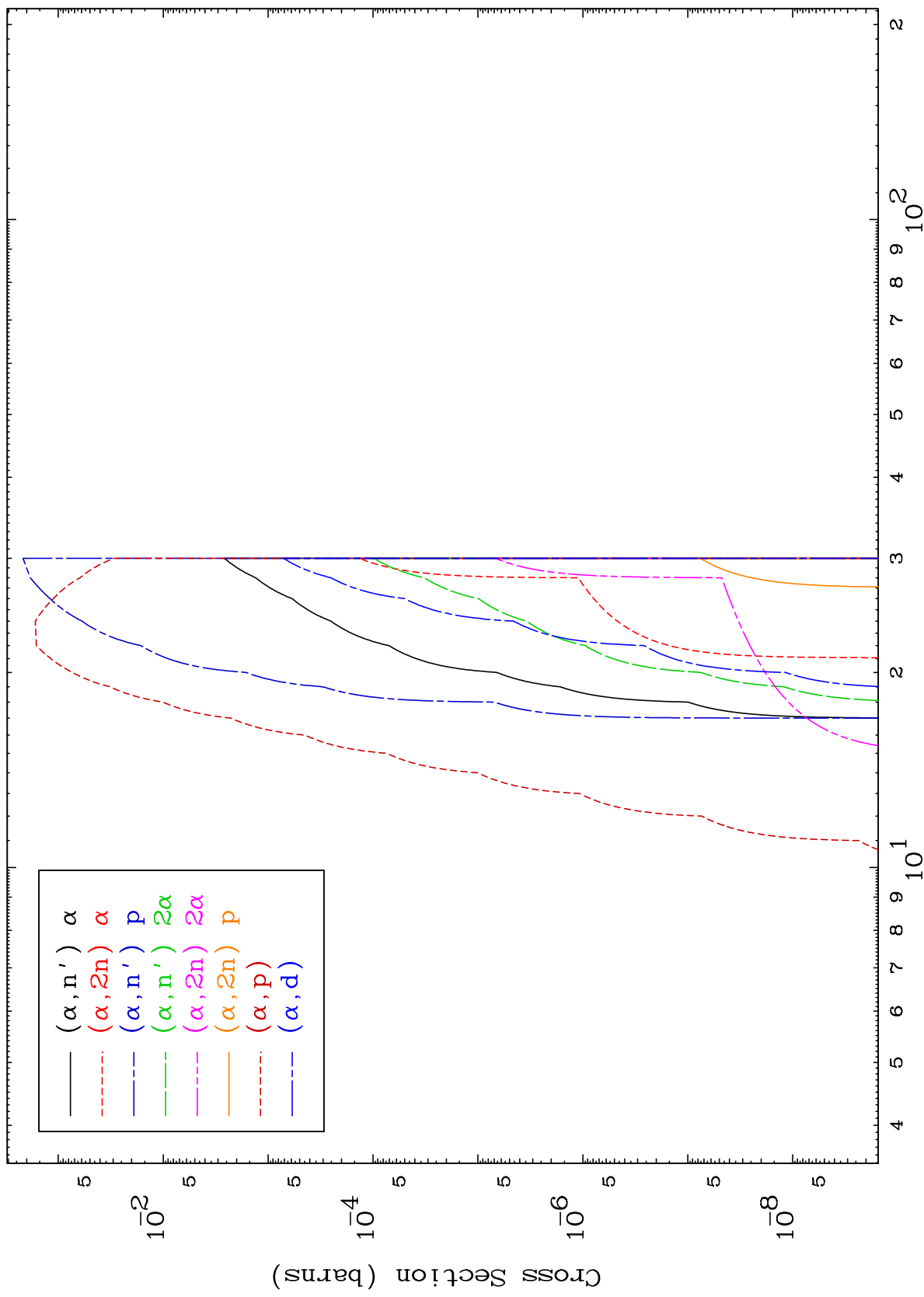
75-Re-166



2

Incident Energy (MeV)

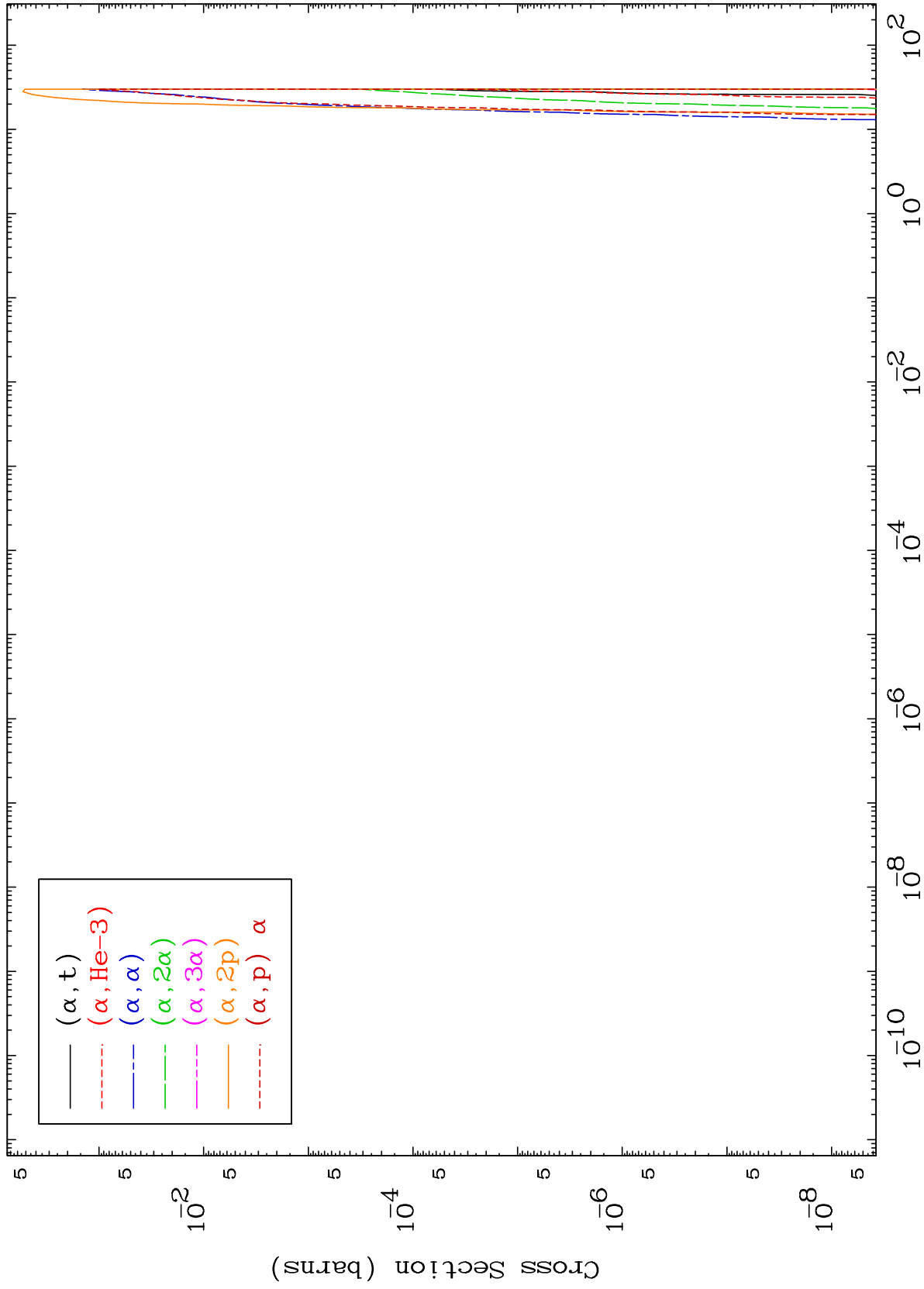
75-Re-166

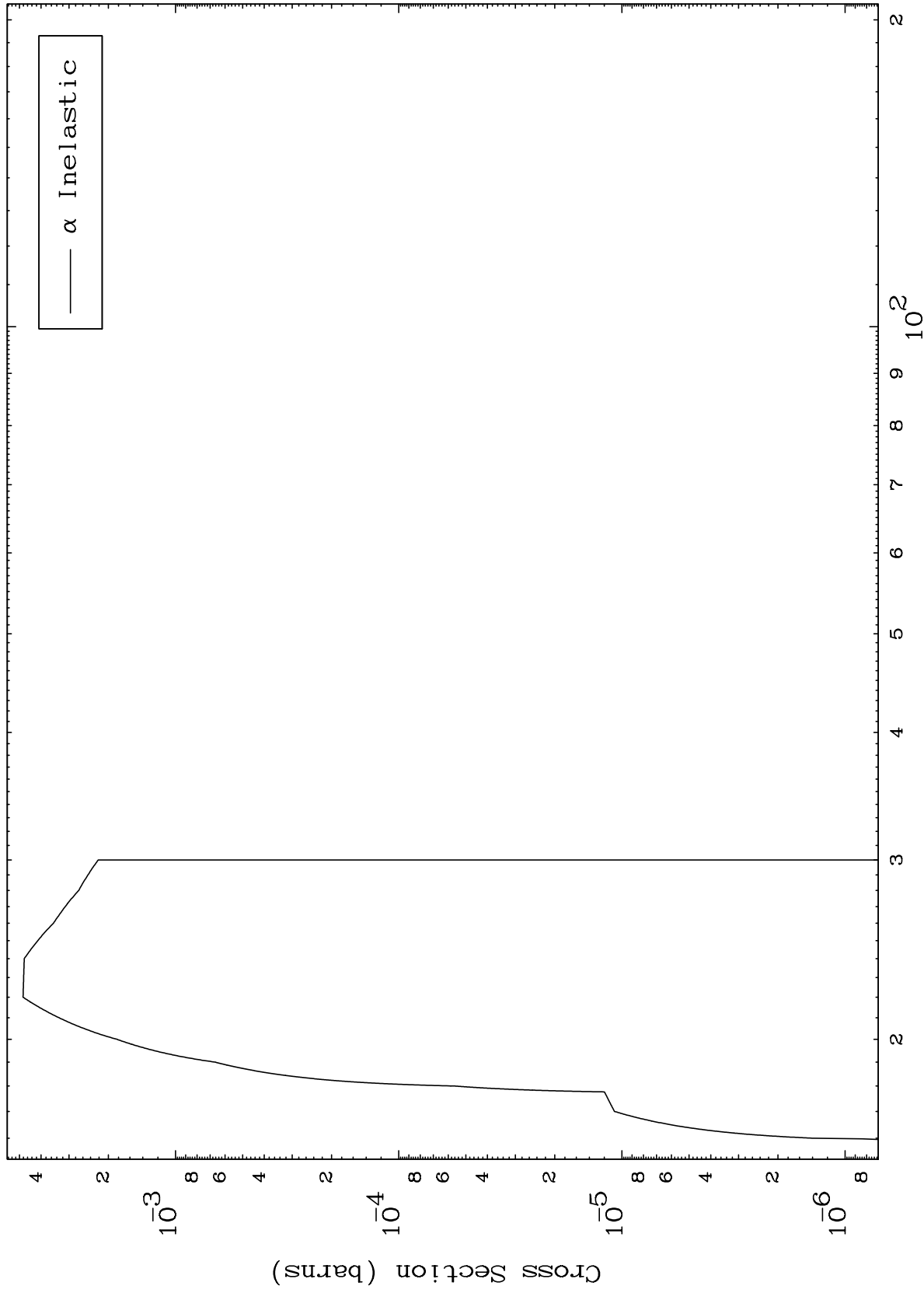


MAT 7468

α Charged Particle
0 Kelvin Cross Sections

75-Re-166

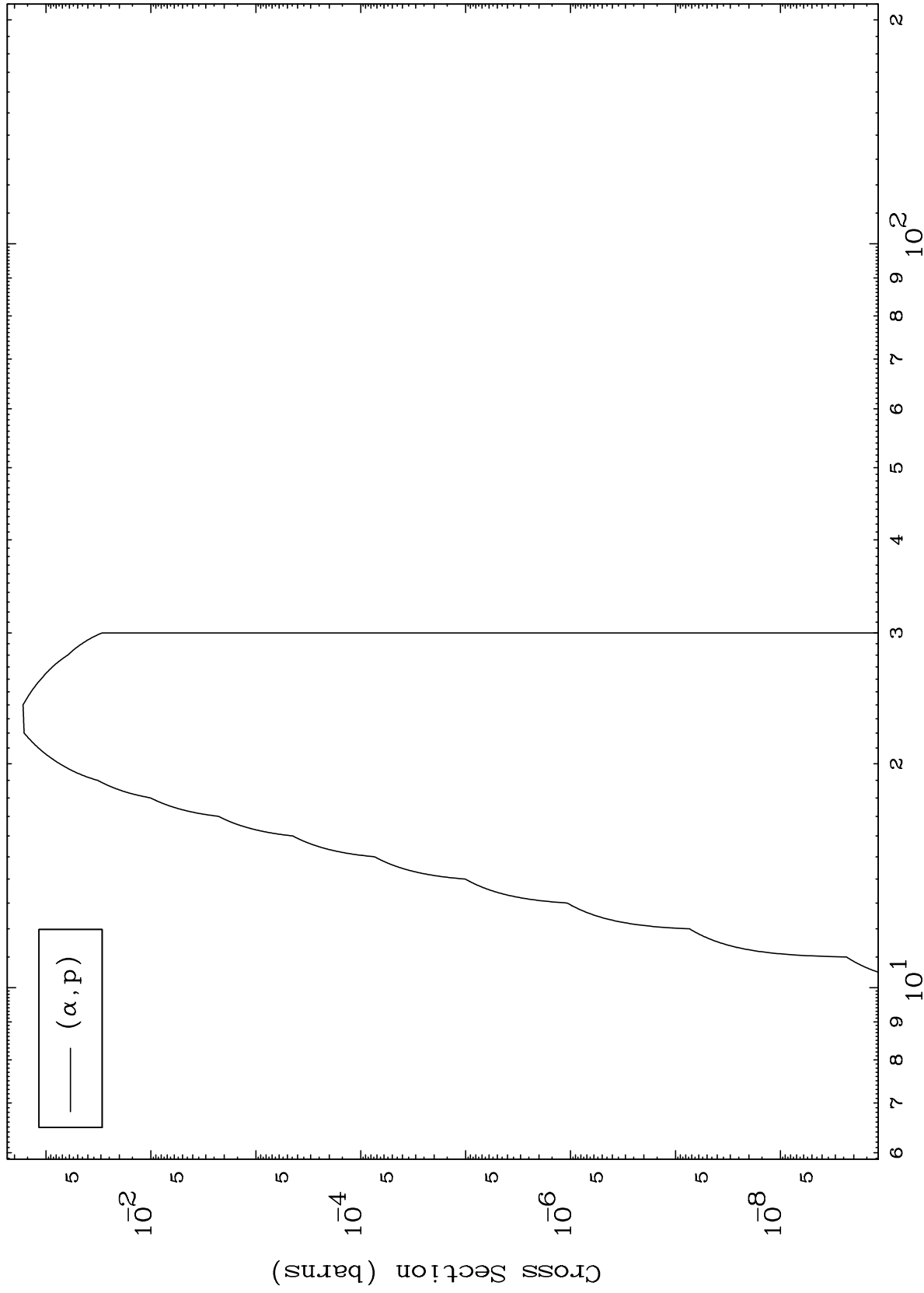




MAT 7468

75-Re-166

(α ,p) Levels
0 Kelvin Cross Sections



6

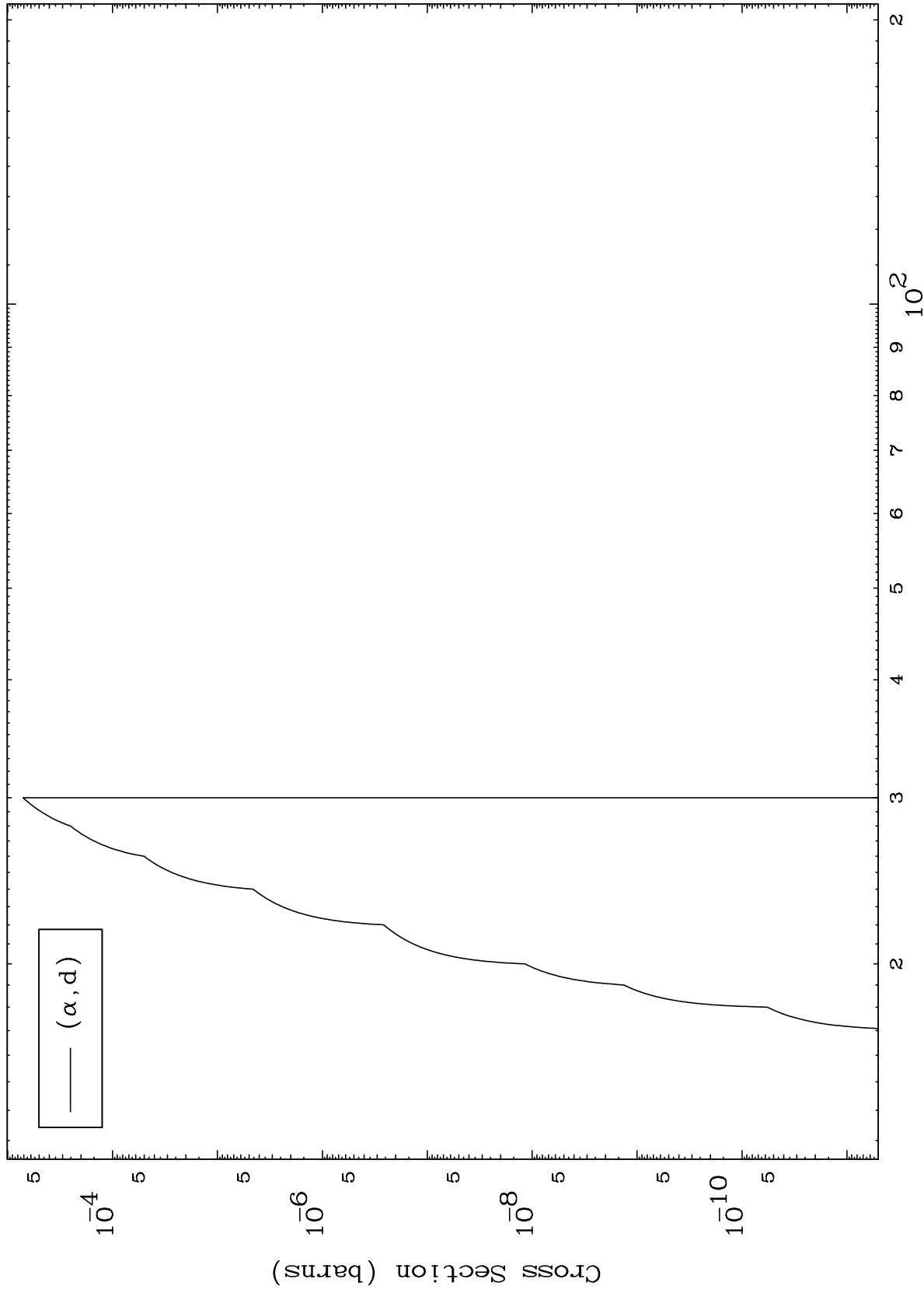
Incident Energy (MeV)

75-Re-166

MAT 7468

75-Re-166

(α ,d) Levels
0 Kelvin Cross Sections



7

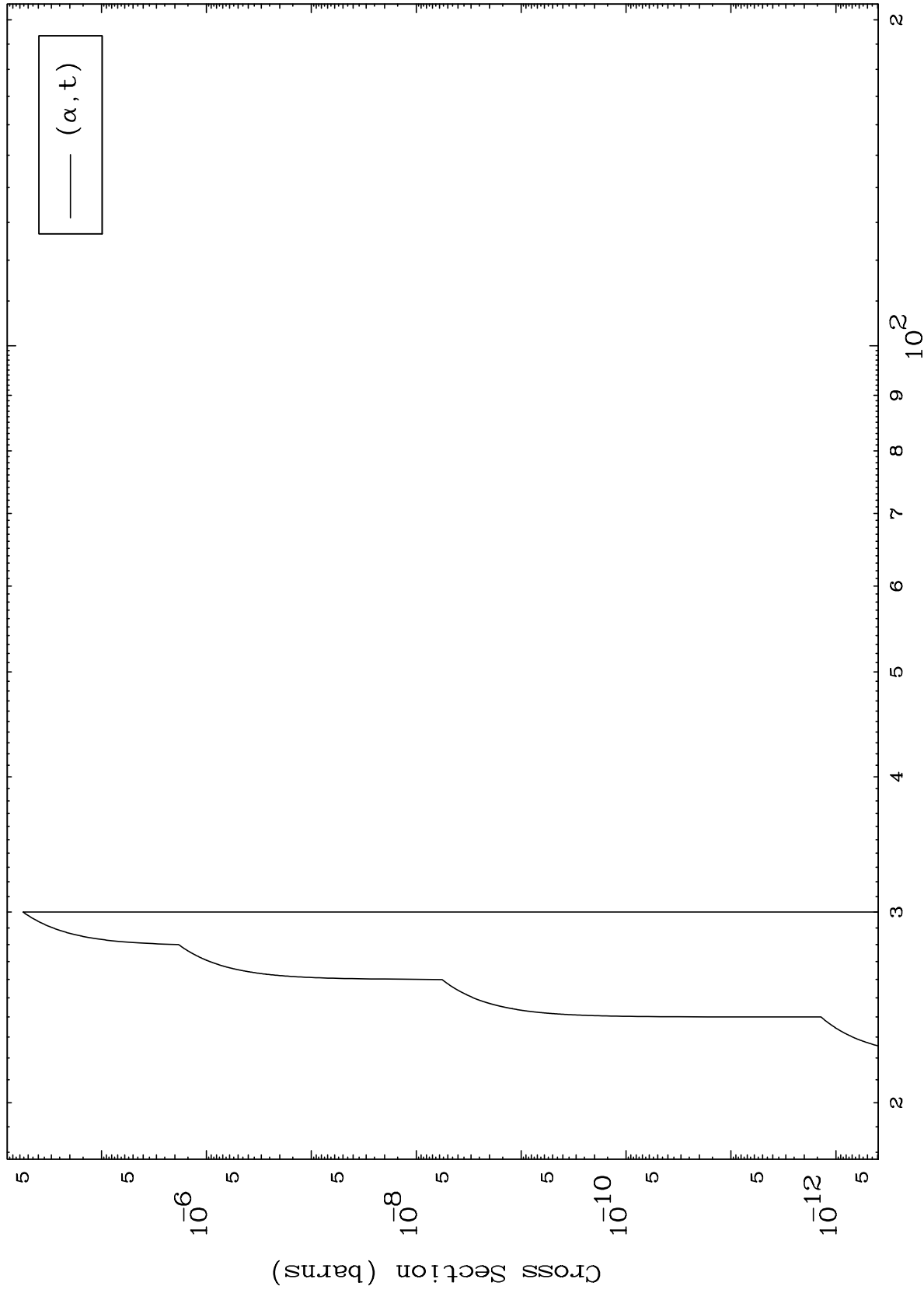
75-Re-166

Incident Energy (MeV)

MAT 7468

(α ,t) Levels
0 Kelvin Cross Sections

75-Re-166



8

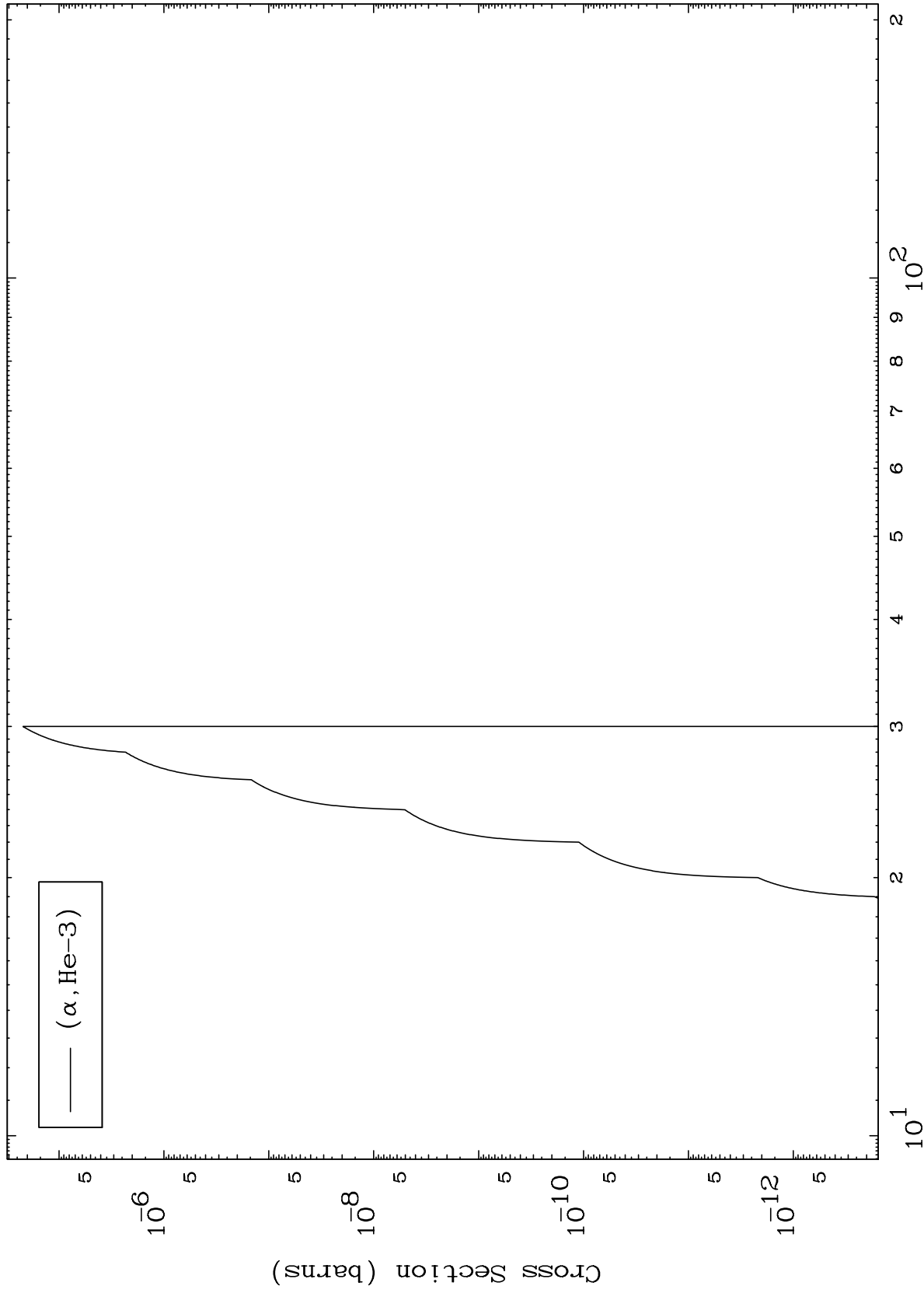
Incident Energy (MeV)

75-Re-166

MAT 7468

(α ,He3) Levels
0 Kelvin Cross Sections

75-Re-166



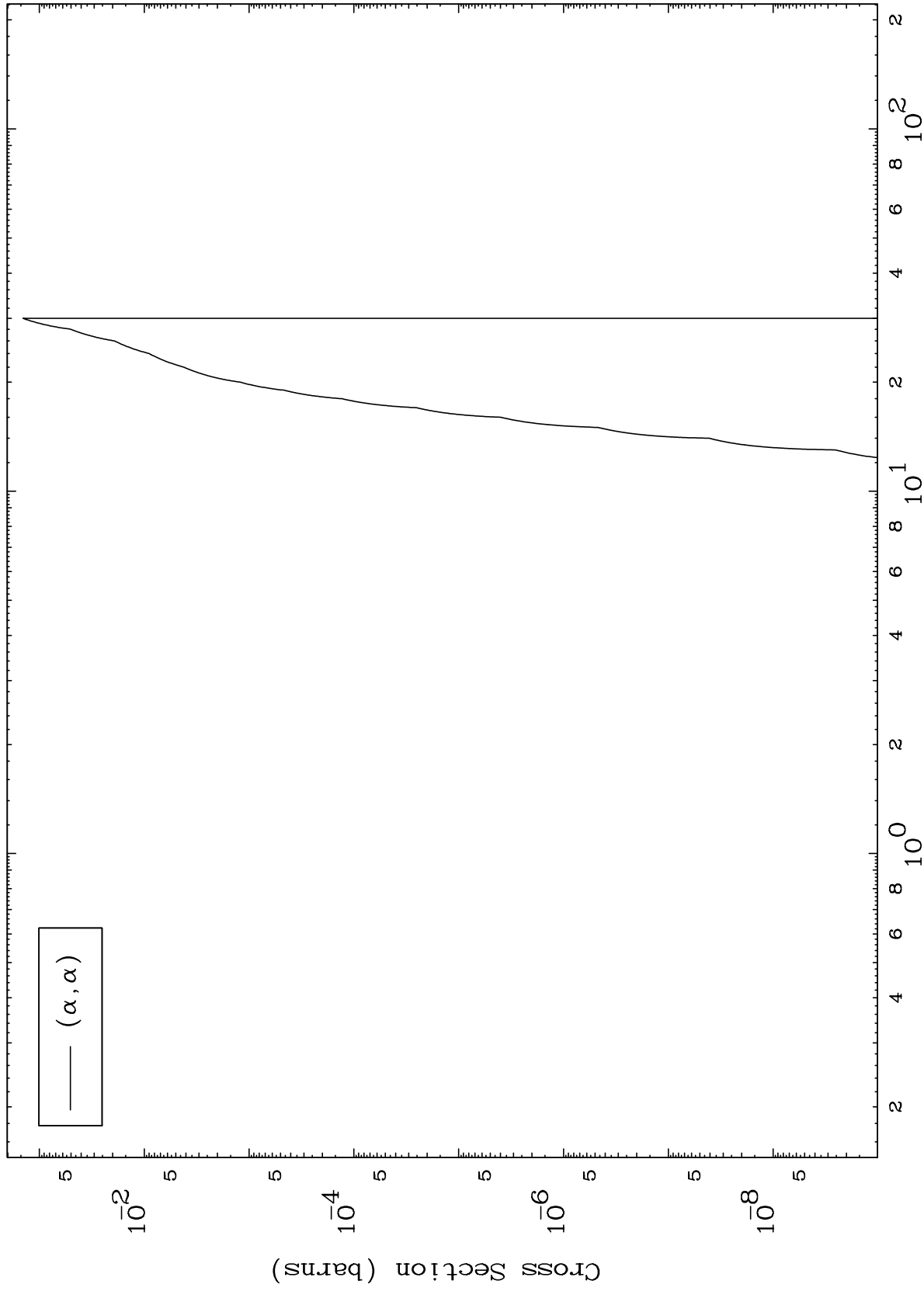
Incident Energy (MeV)

75-Re-166

MAT 7468

(α, α) Levels
0 Kelvin Cross Sections

75-Re-166

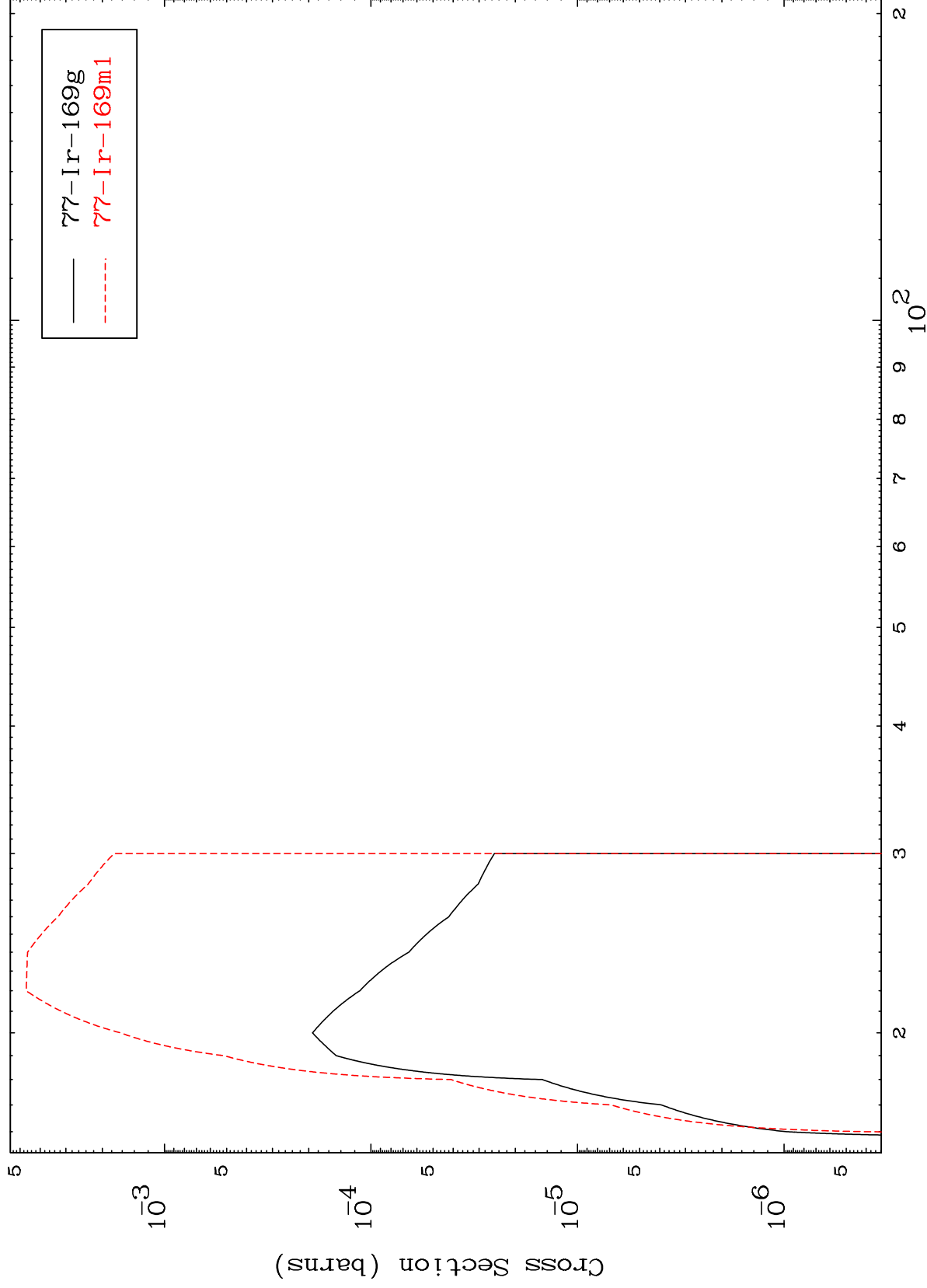


10

Incident Energy (MeV)

75-Re-166

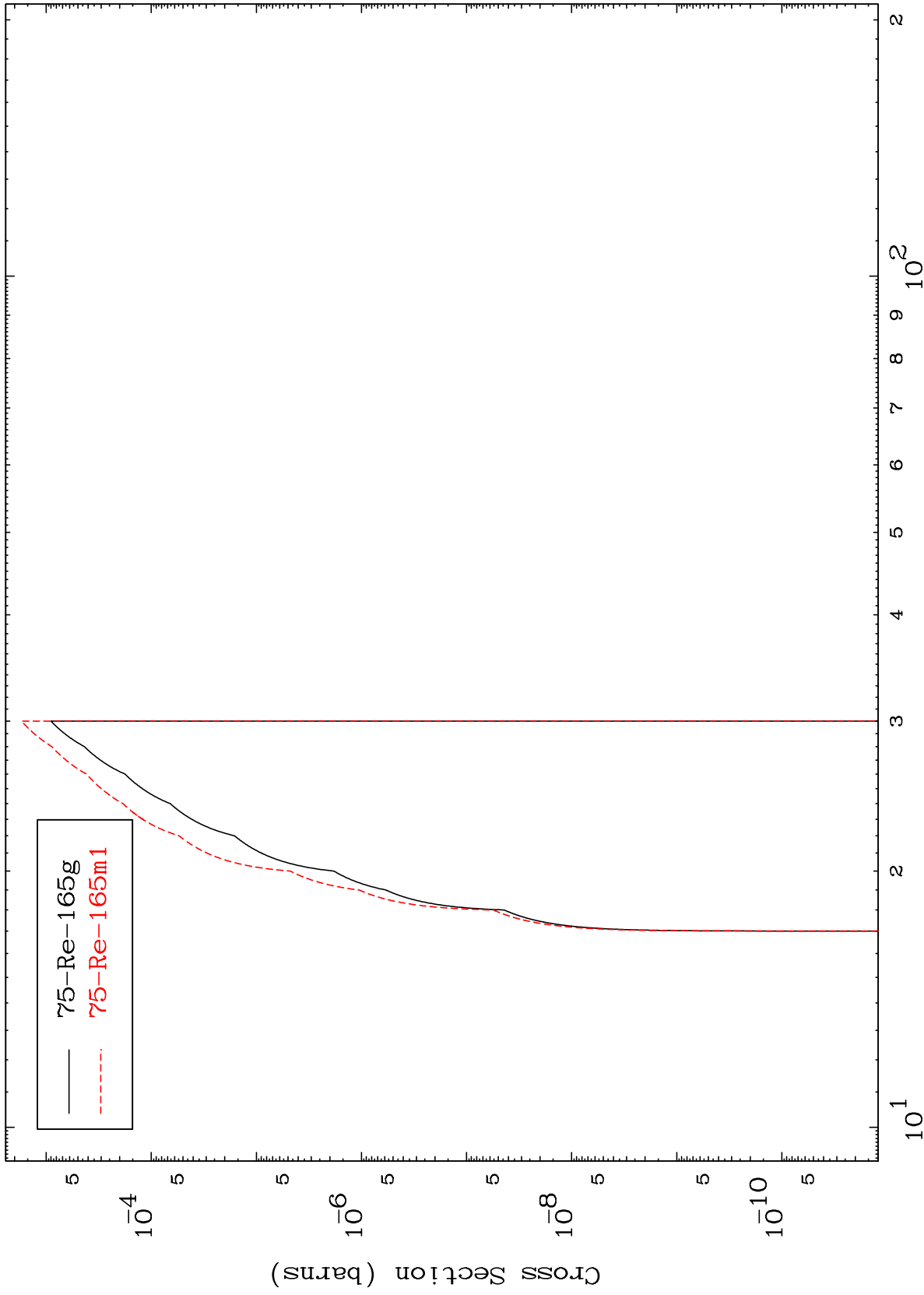
α Inelastic
Radionuclide Production Cross Section



MAT 7468

75-Re-166

(α, n') α
Radionuclide Production Cross Section



12

Incident Energy (MeV)

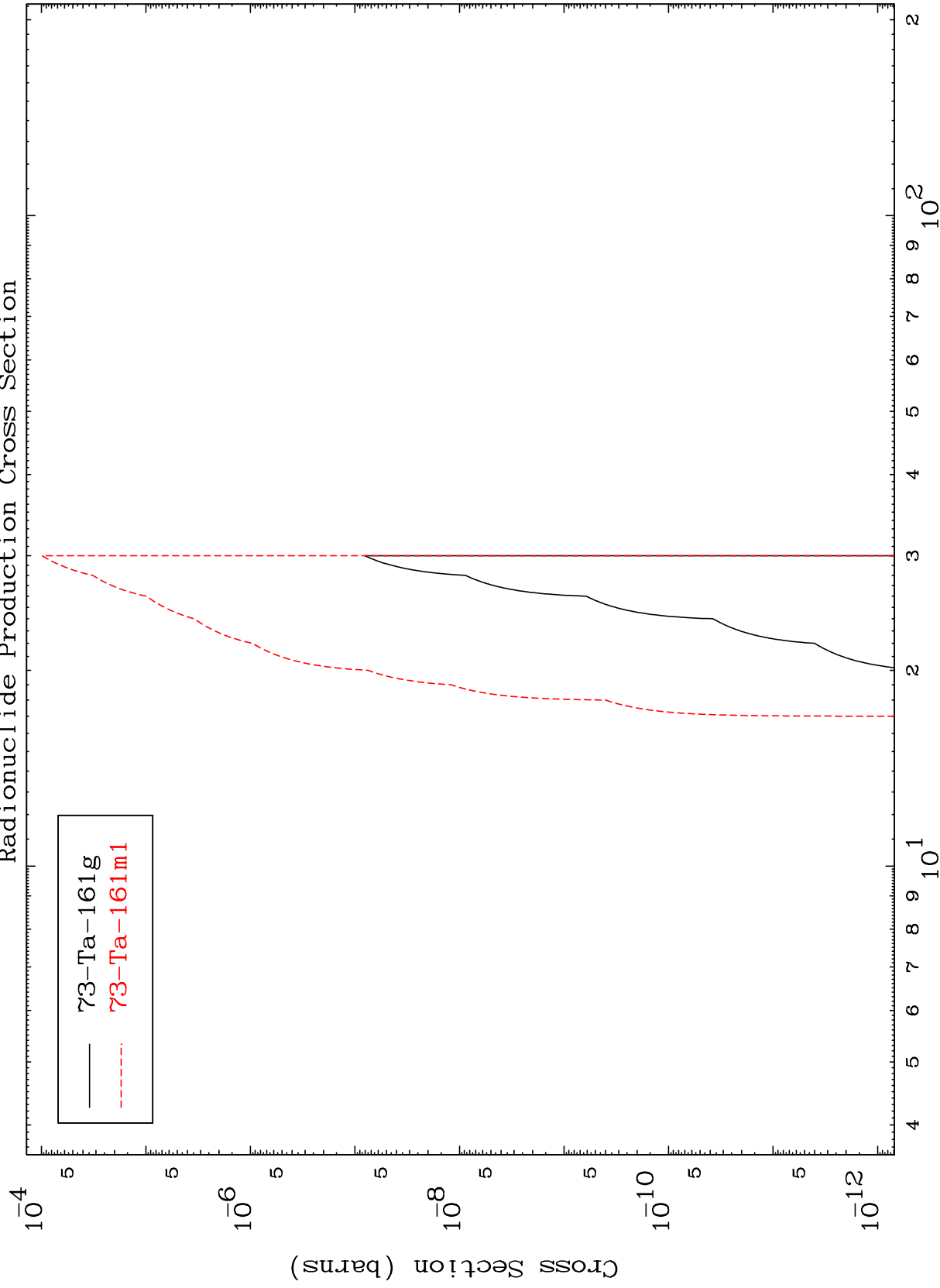
75-Re-166

MAT 7468

(α, n') 2α

⁷⁵Re-¹⁶⁶

Radionuclide Production Cross Section



13

Incident Energy (MeV)

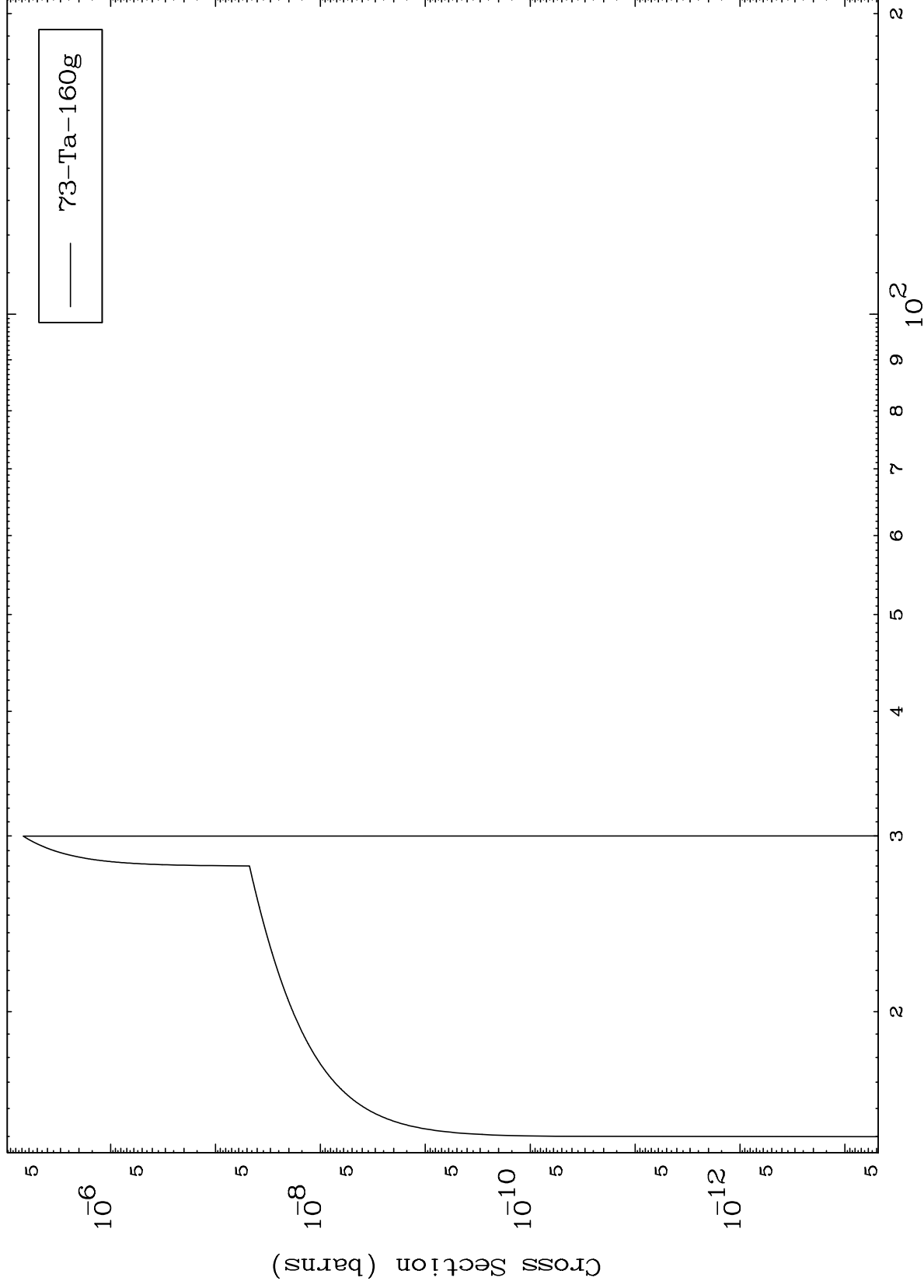
⁷⁵Re-¹⁶⁶

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$(\alpha, 2n)$ 2α

75-Re-166

Radionuclide Production Cross Section



14

Incident Energy (MeV)

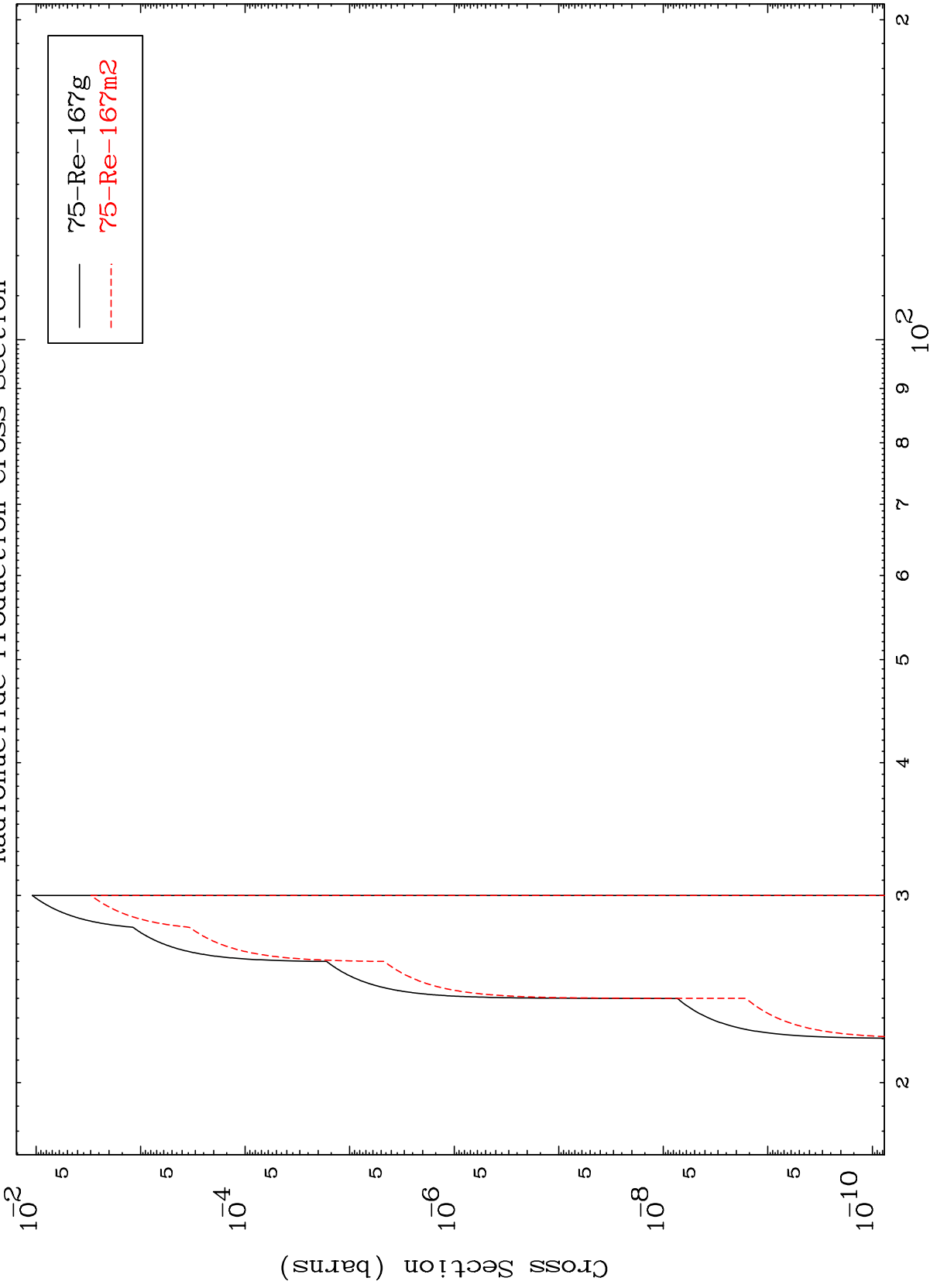
75-Re-166

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$(\alpha, 2n)$ p

75-Re-166

Radionuclide Production Cross Section



15

Incident Energy (MeV)

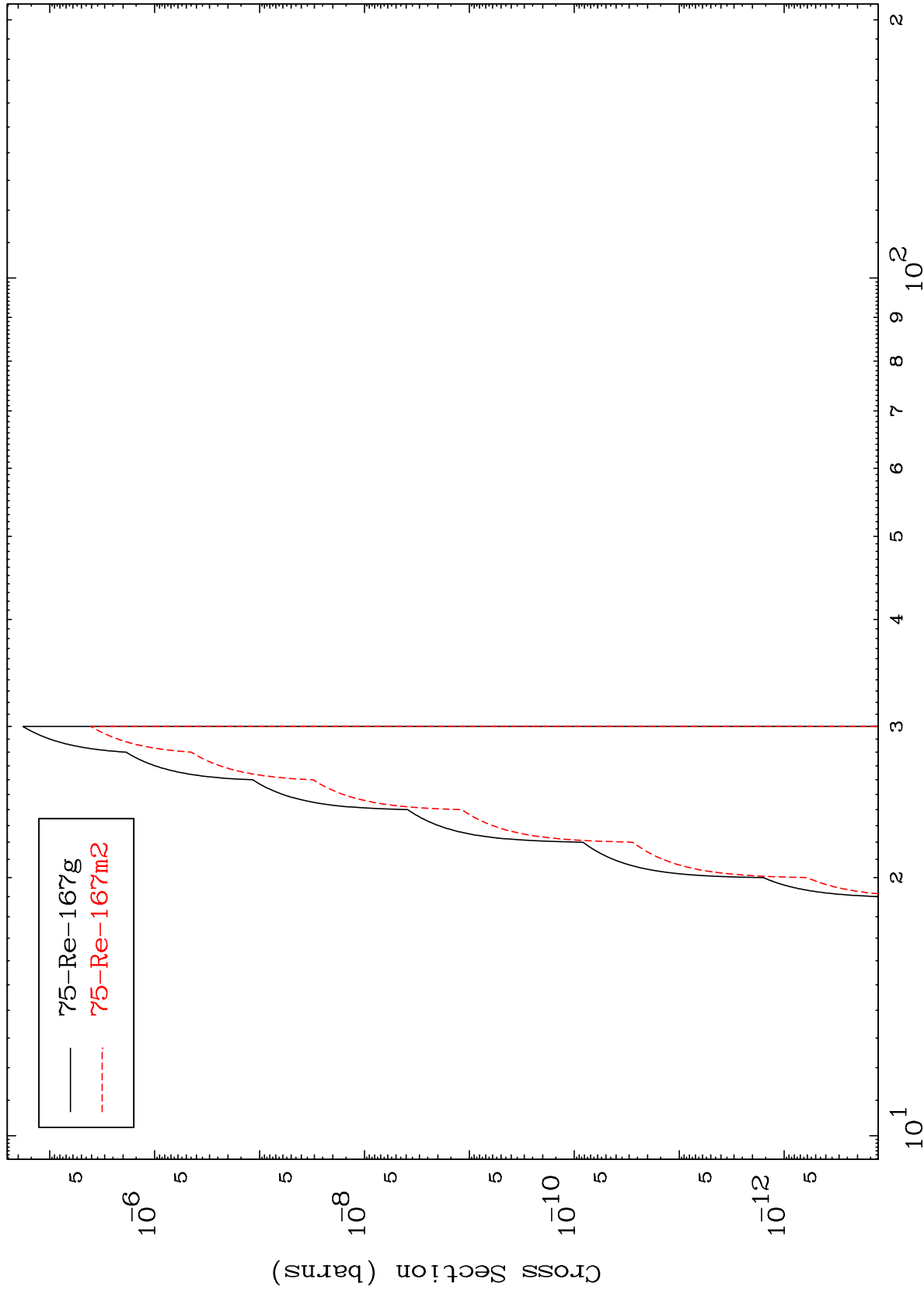
75-Re-166

MAT 7468

(α ,He-3)

75-Re-166

Radionuclide Production Cross Section



Incident Energy (MeV)

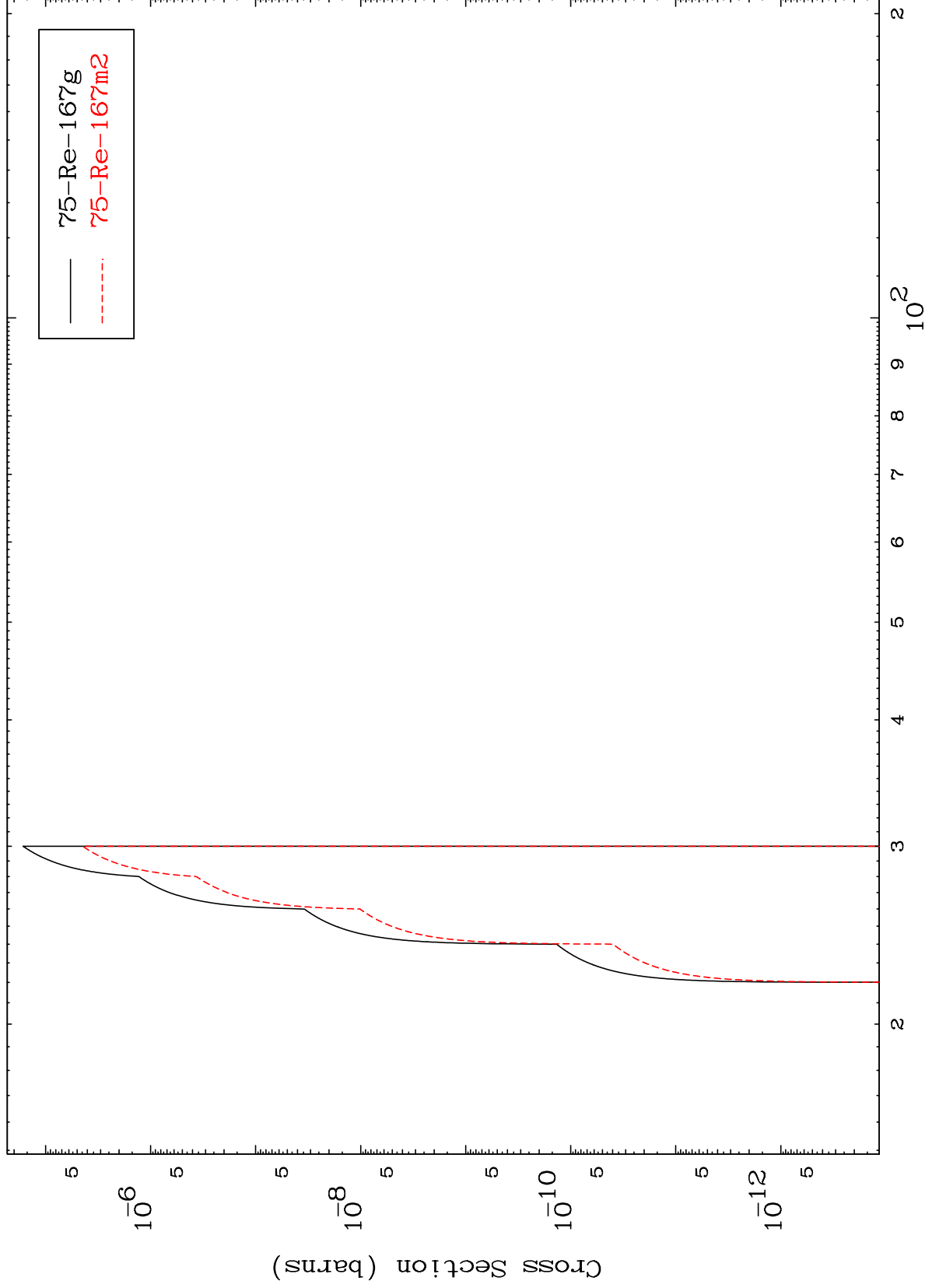
75-Re-166

MAT 7468

(α ,p) d

75-Re-166

Radionuclide Production Cross Section



17

Incident Energy (MeV)

75-Re-166