

Program EVALPLOT
(Version 2018-1)

by

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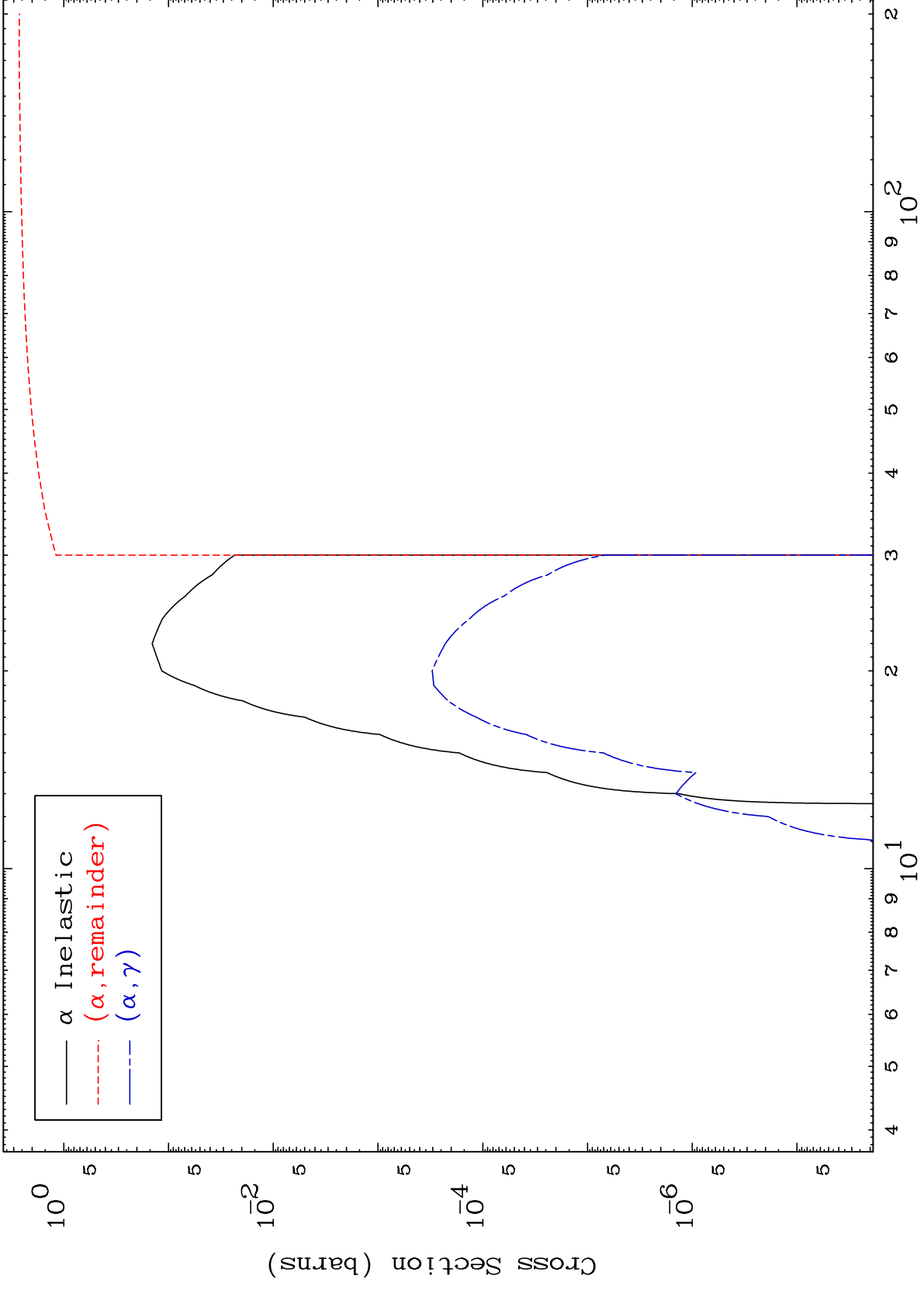
Press Mouse Button to Start

MAT 7519

α Major

75-Re-183

0 Kelvin Cross Sections



1

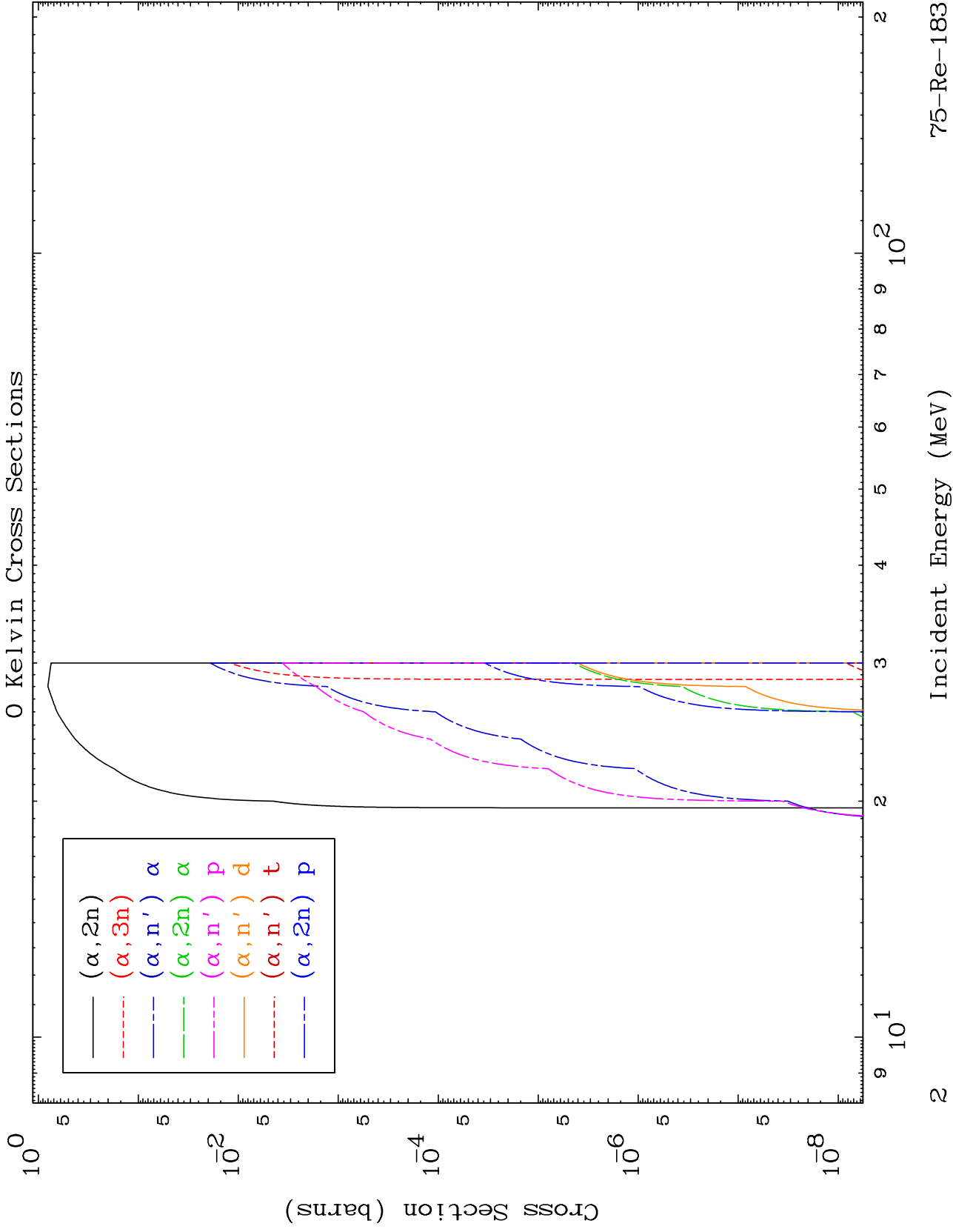
Incident Energy (MeV)

75-Re-183

MAT 7519

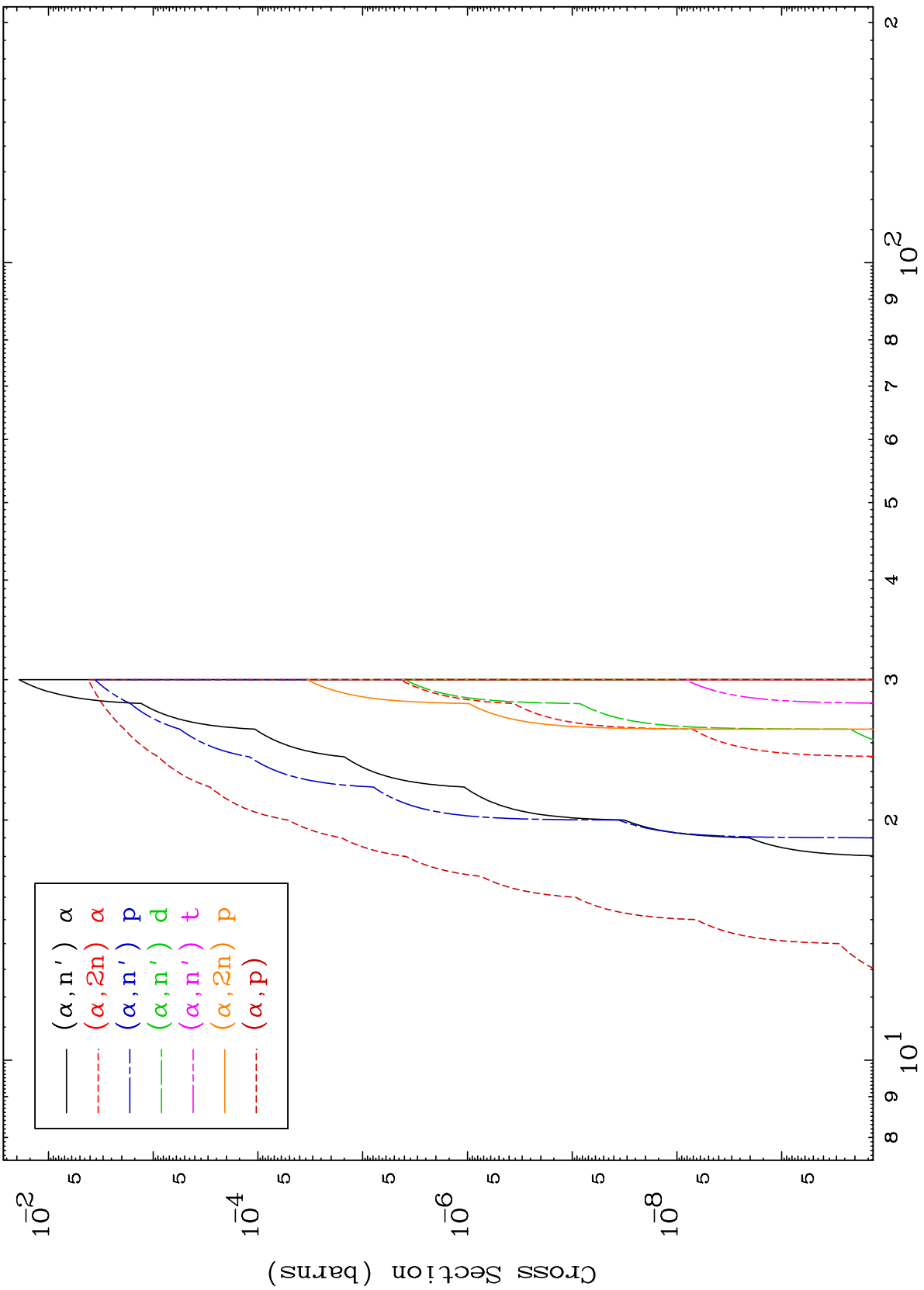
α Neutron Production
0 Kelvin Cross Sections

75-Re-183



Incident Energy (MeV)

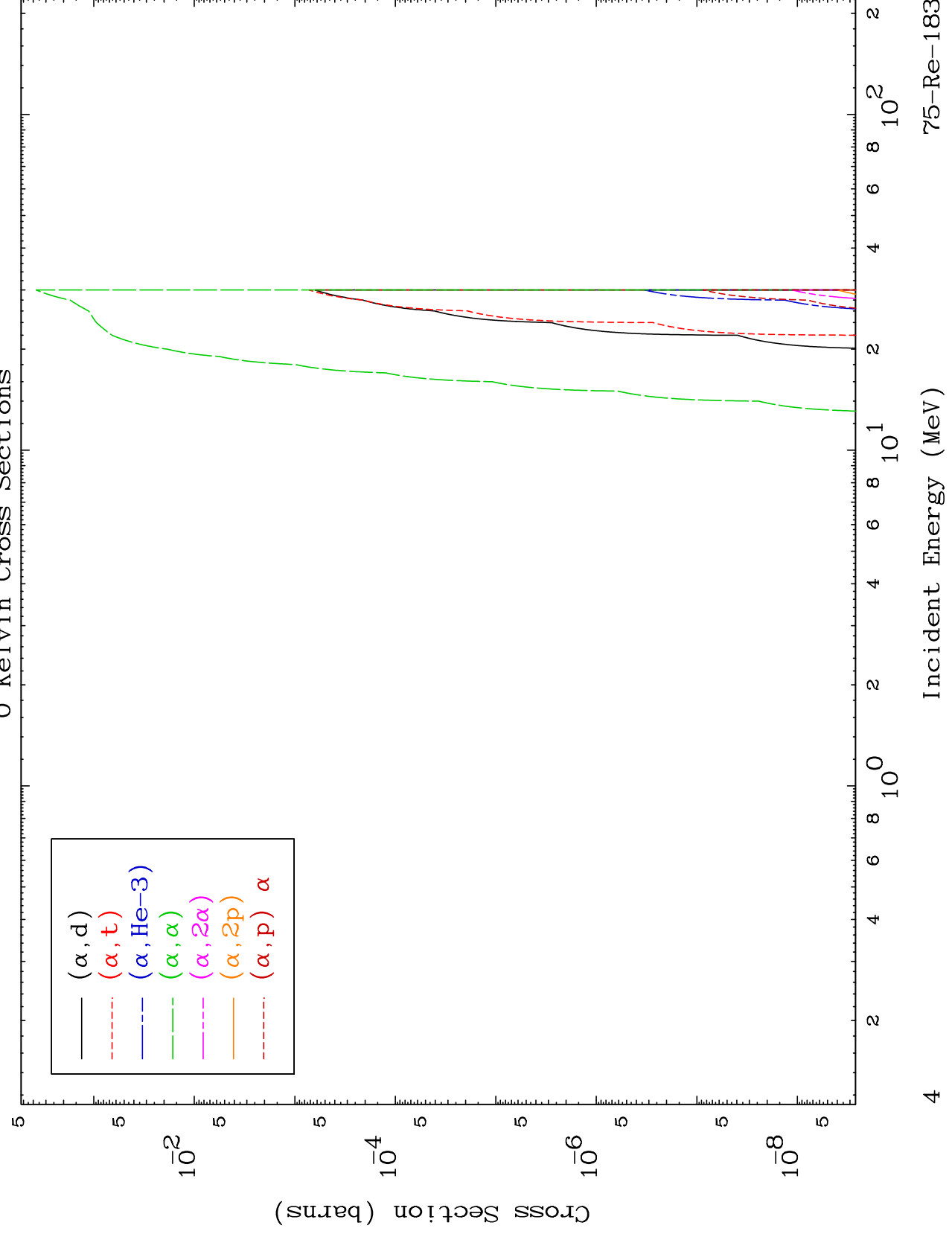
75-Re-183



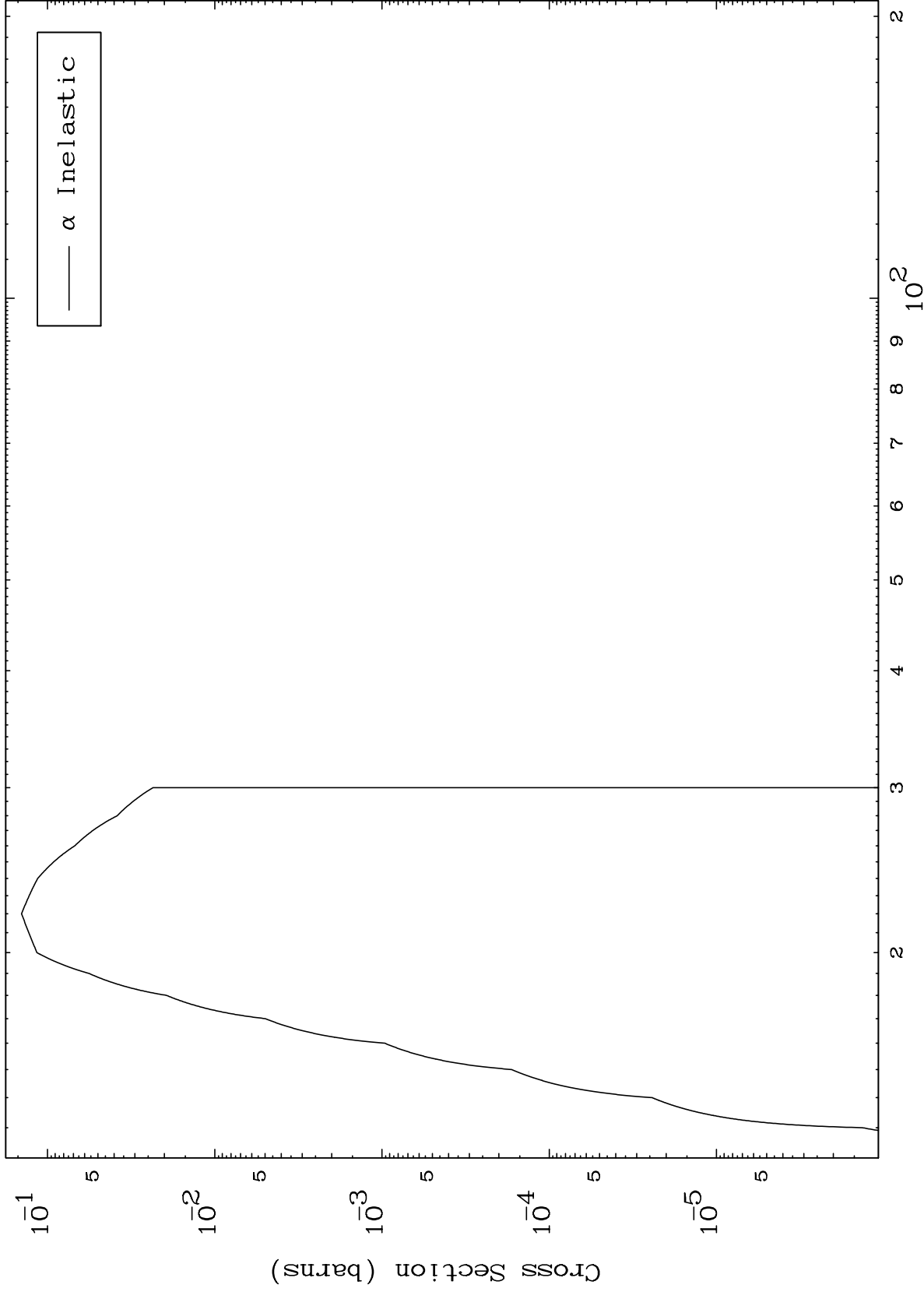
MAT 7519

α Charged Particle
0 Kelvin Cross Sections

75-Re-183



0 Kelvin Cross Sections

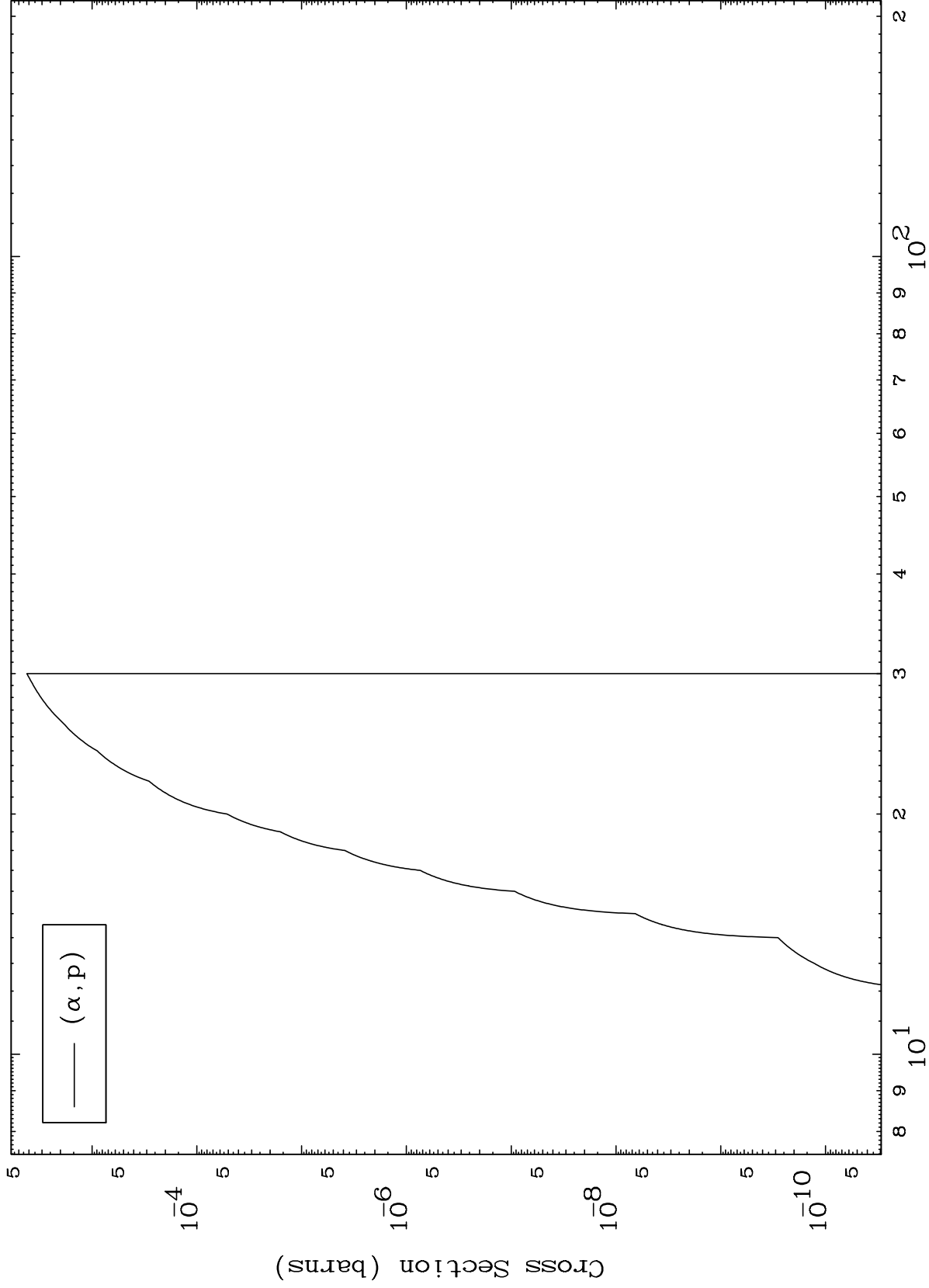


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(α, p) Levels

75-Re-183

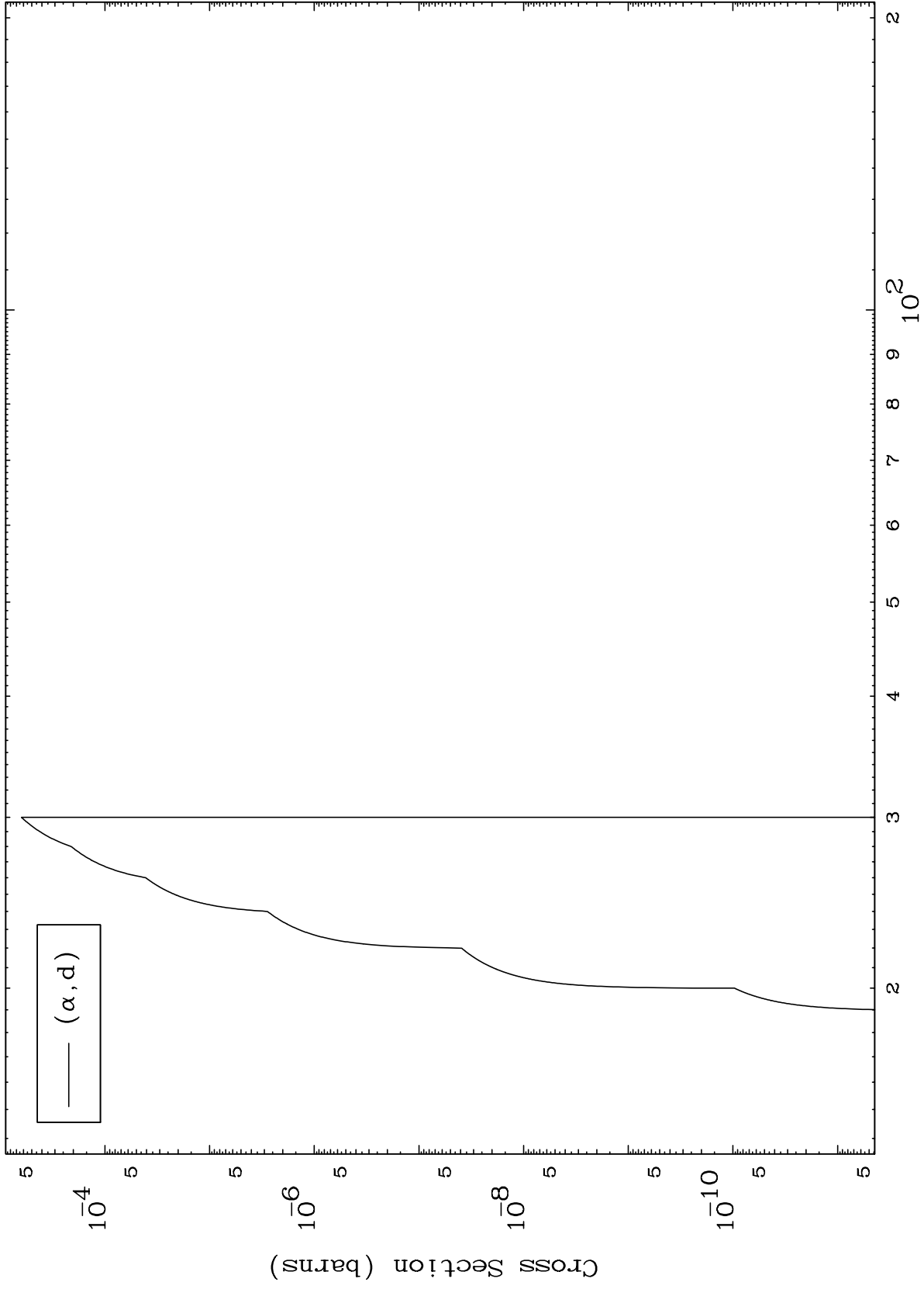
0 Kelvin Cross Sections

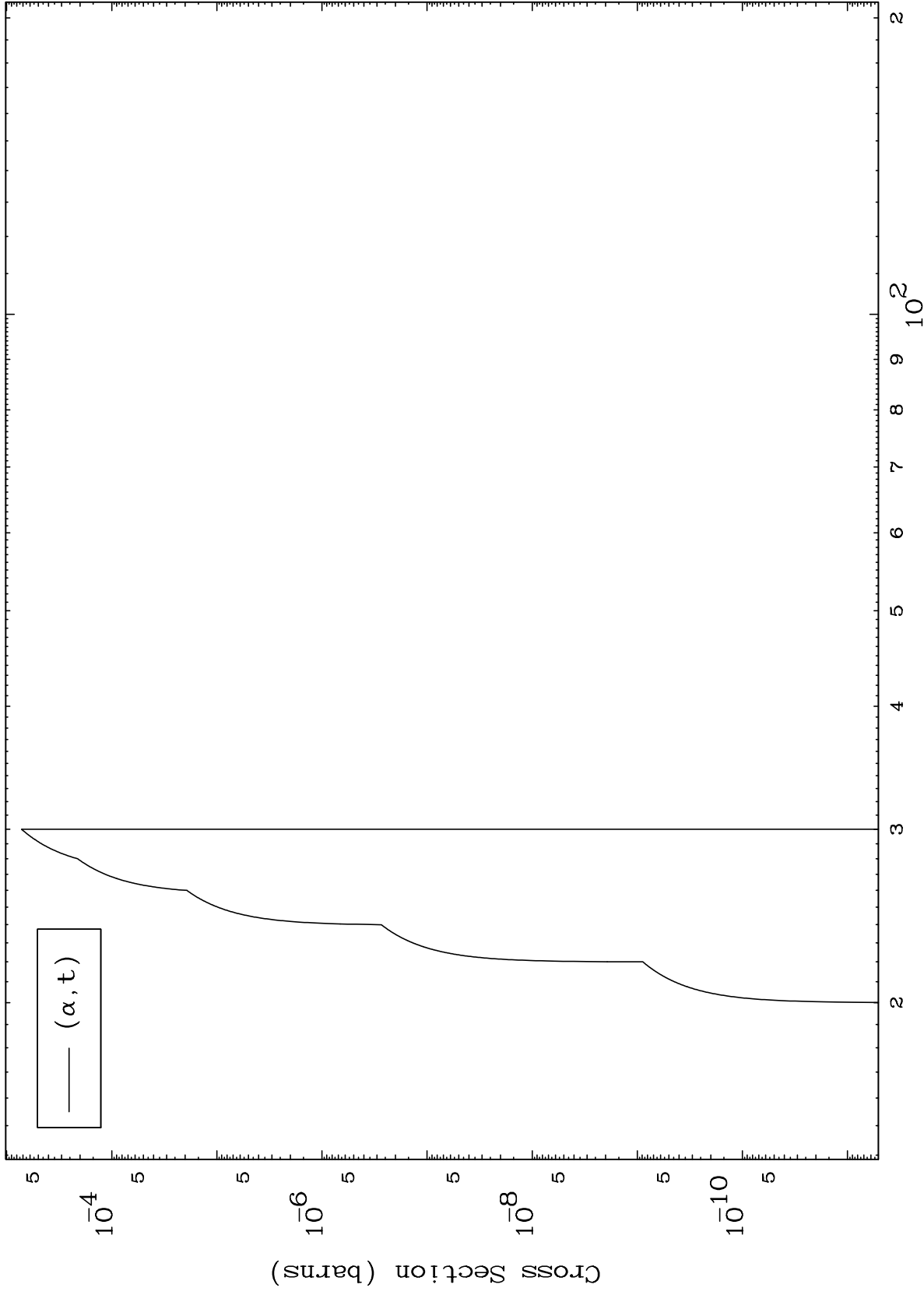


Incident Energy (MeV)

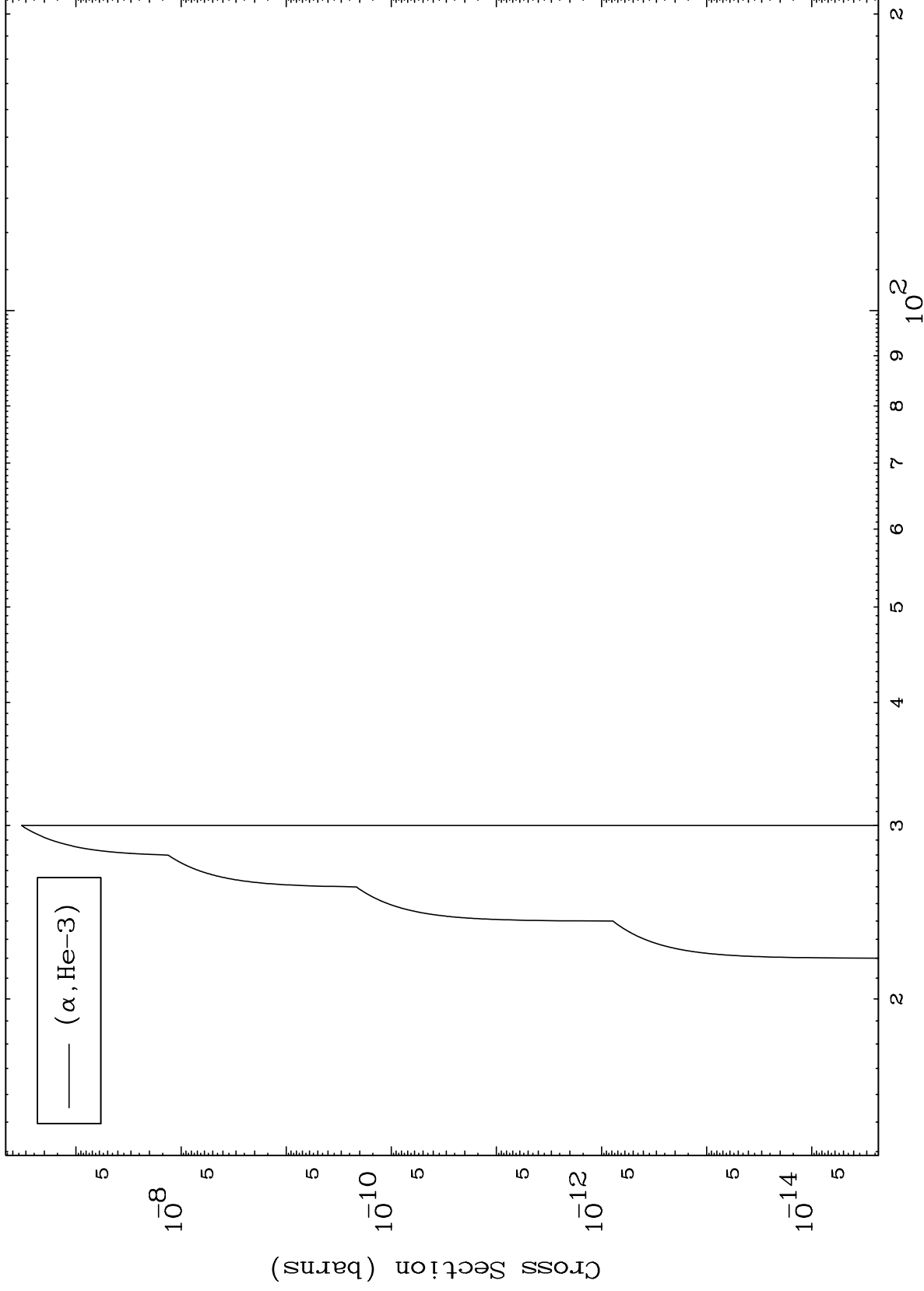
75-Re-183

6





0 Kelvin Cross Sections



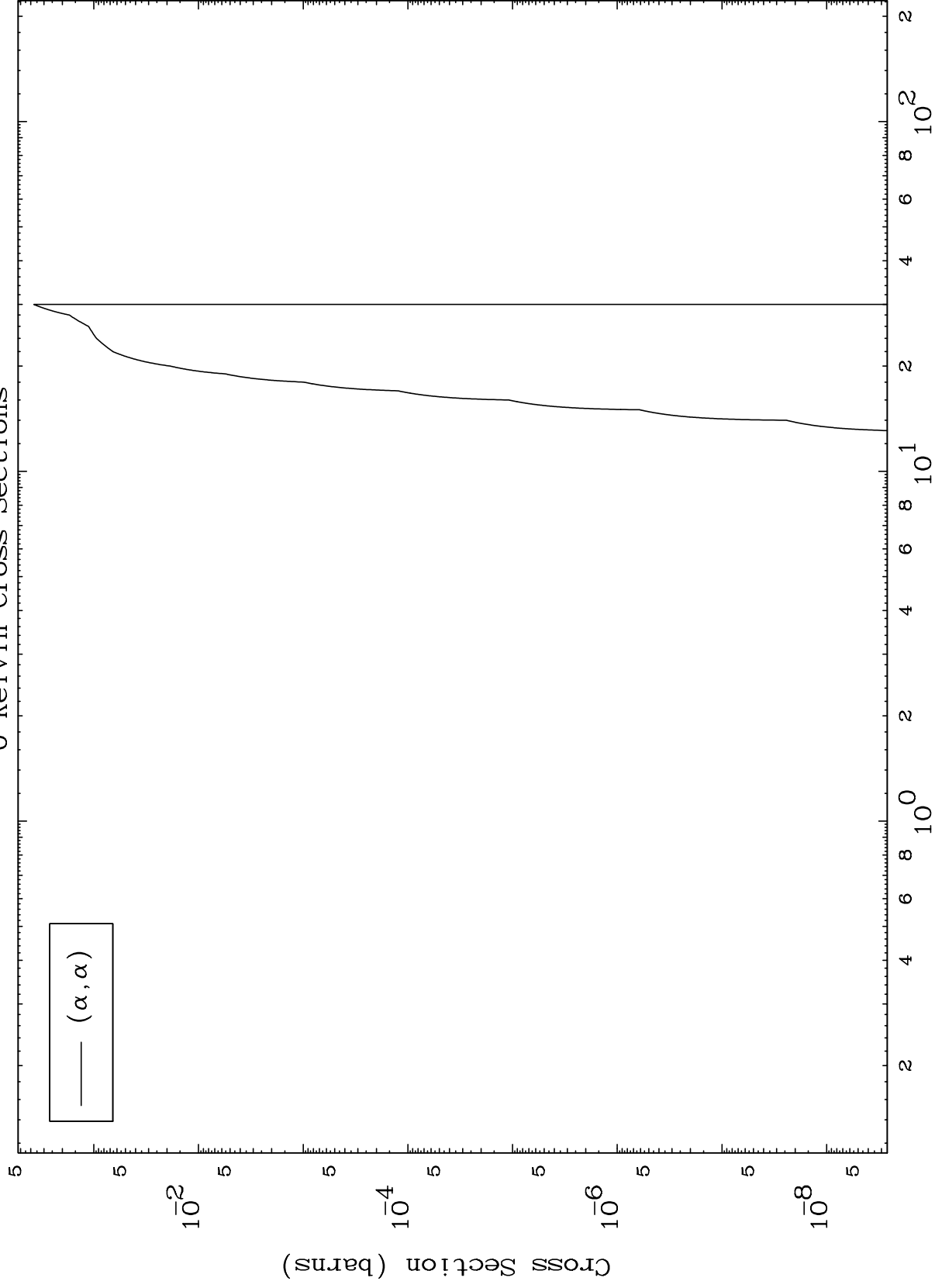
(α , He-3)

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(α, α) Levels

75-Re-183

0 Kelvin Cross Sections



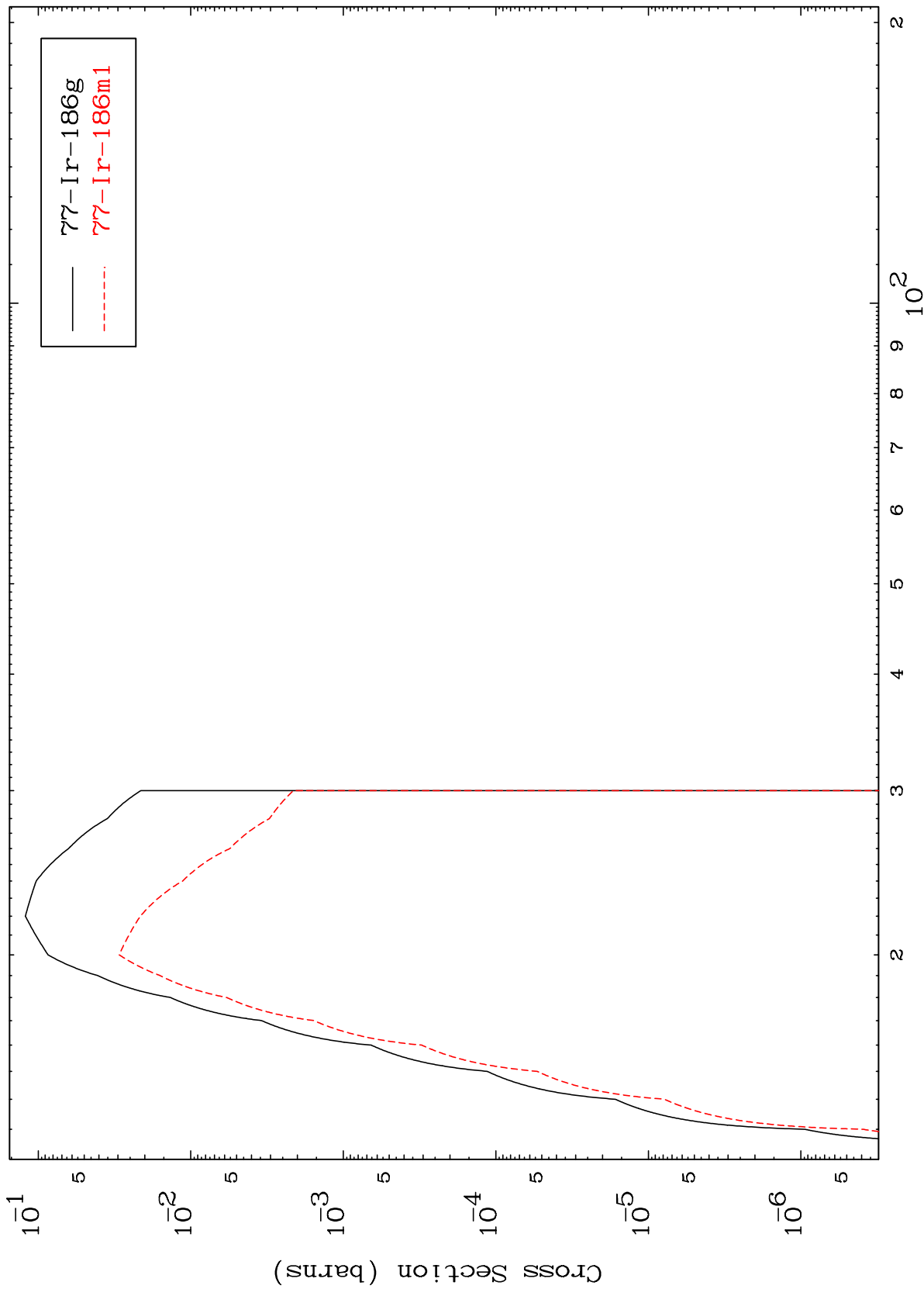
10

Incident Energy (MeV)

75-Re-183

Radionuclide Production Cross Section

α Inelastic

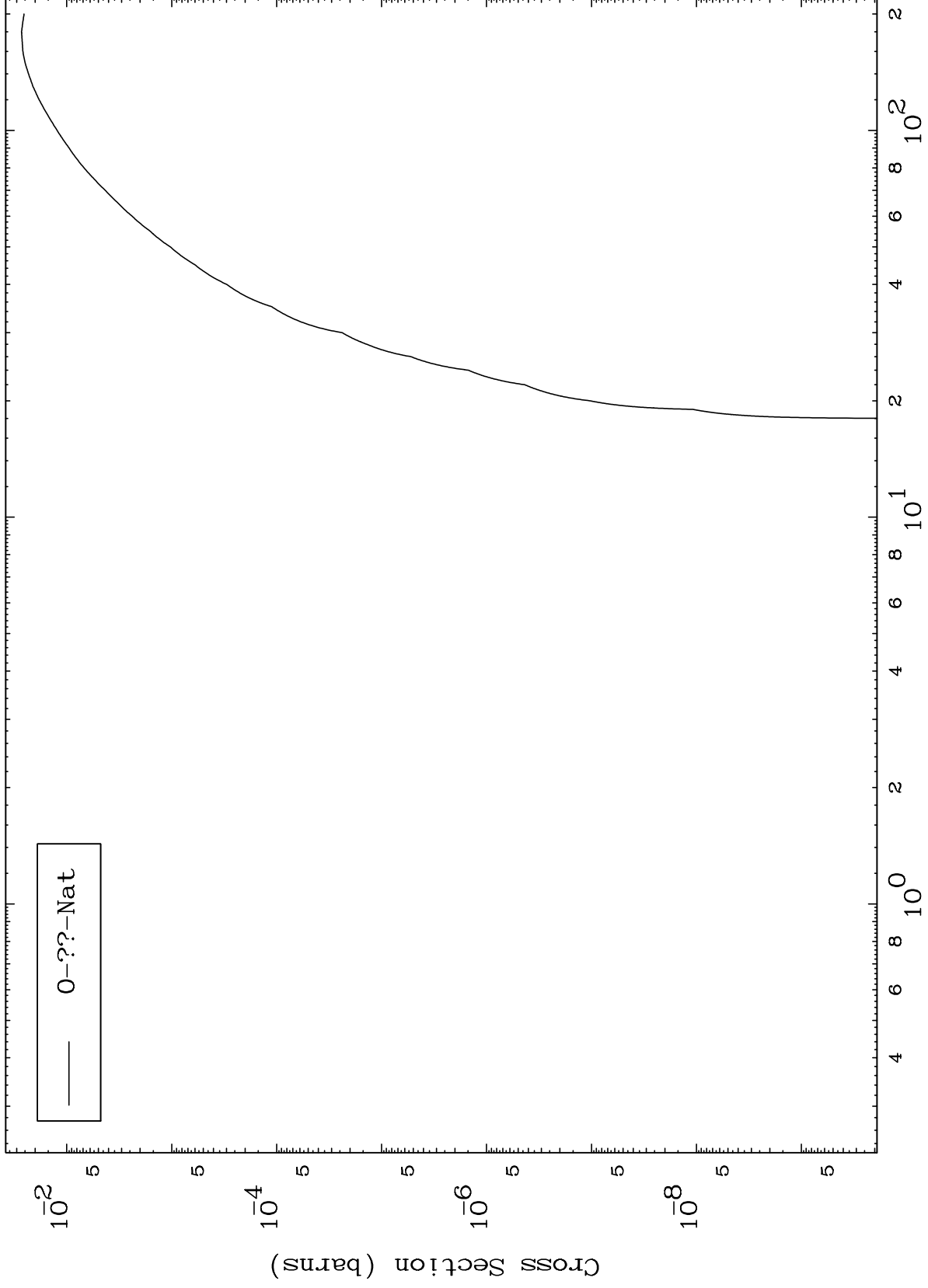


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α Fission

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Radionuclide Production Cross Section



12

Incident Energy (MeV)

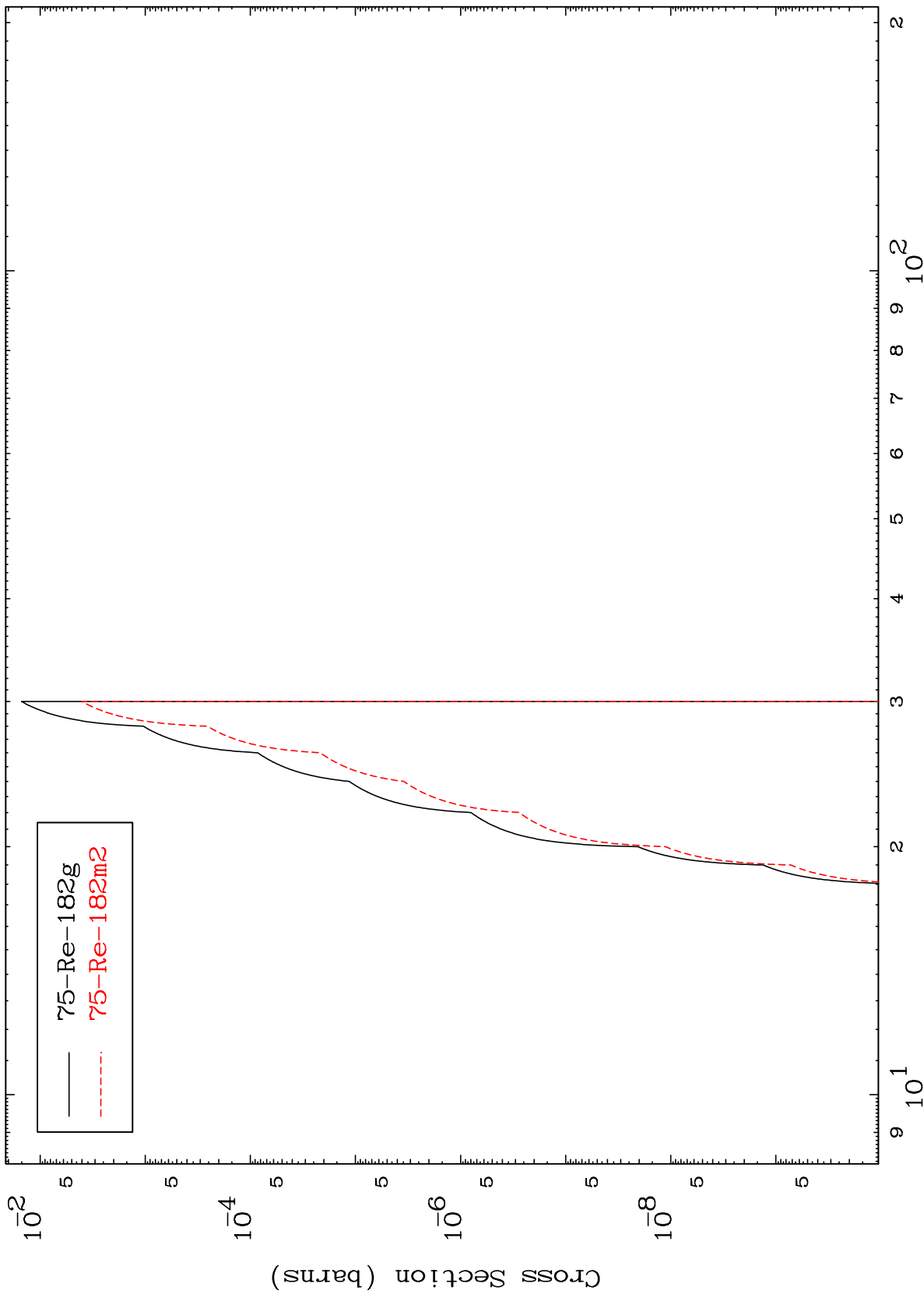
75-Re-183

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(α, n') α

⁷⁵Re-¹⁸³

Radionuclide Production Cross Section



13

Incident Energy (MeV)

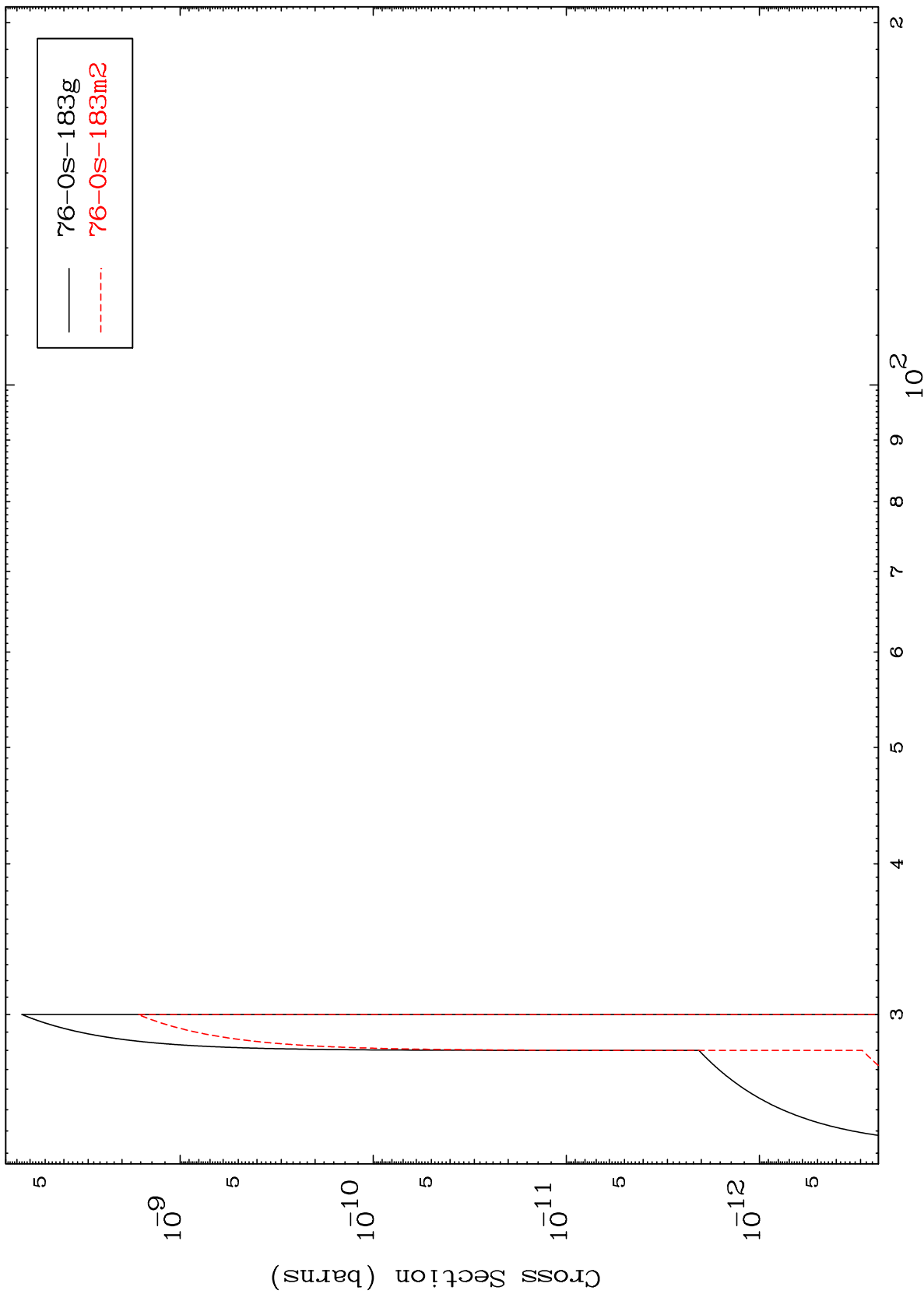
⁷⁵Re-¹⁸³

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(α, n') t

⁷⁵Re-¹⁸³

Radionuclide Production Cross Section



14

Incident Energy (MeV)

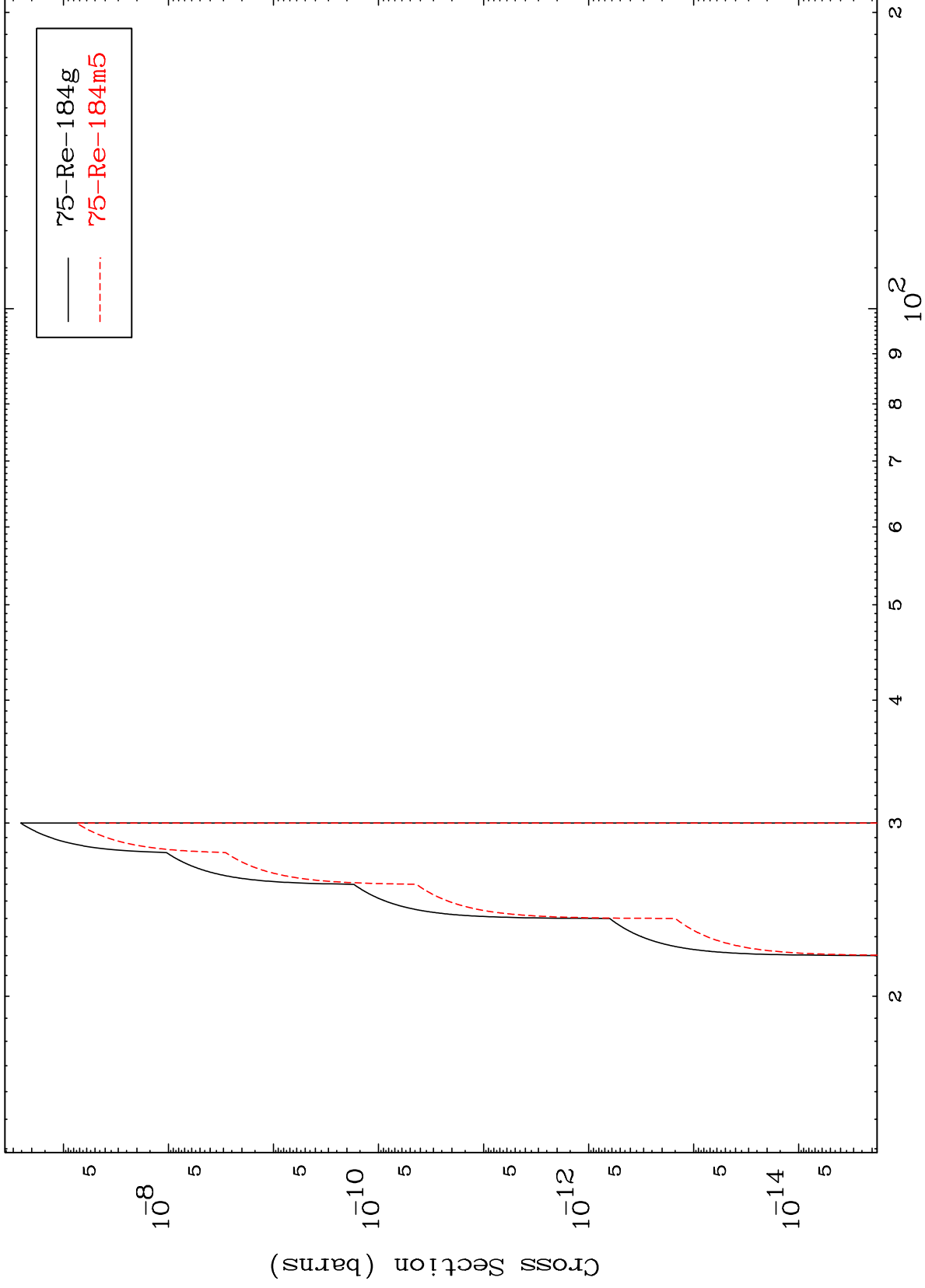
⁷⁵Re-¹⁸³

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

75-Re-183

Radionuclide Production Cross Section



15

Incident Energy (MeV)

75-Re-183