

Program EVALPLOT
(Version 2018-1)

by

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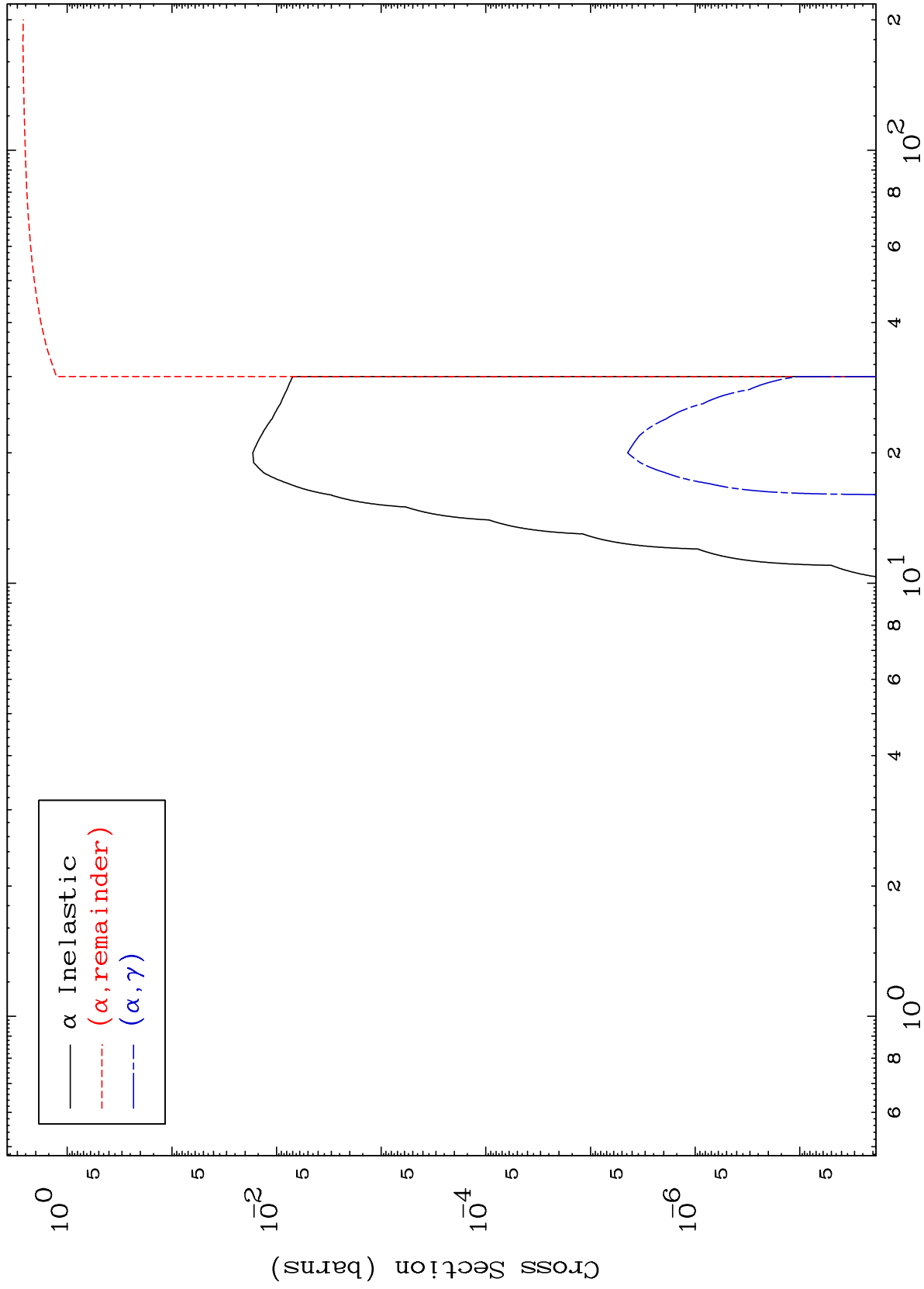
Press Mouse Button to Start

MAT 7244

0 Kelvin

α Major
Cross Sections

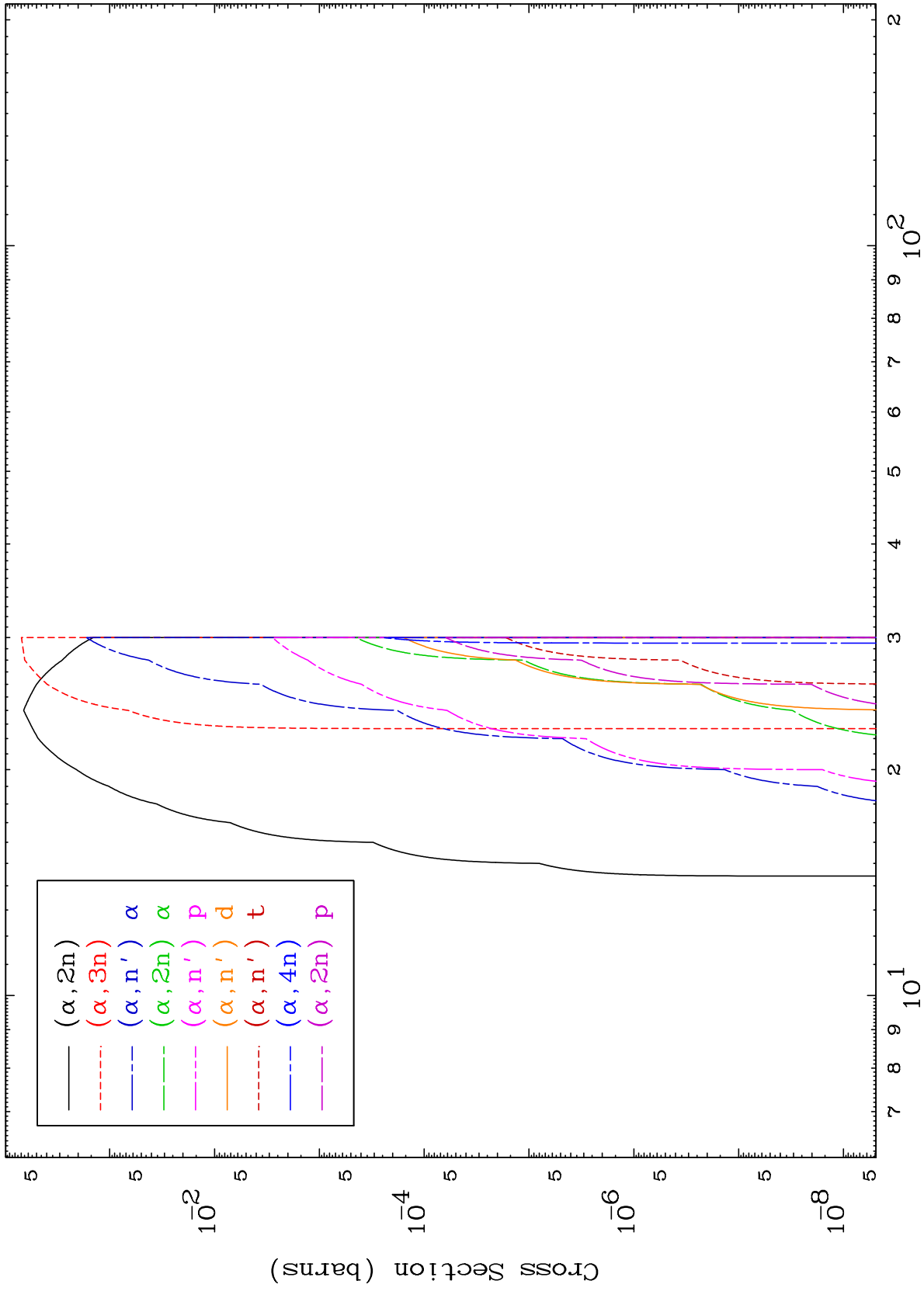
72-Hf-180



MAT 7244

α Neutron Production
0 Kelvin Cross Sections

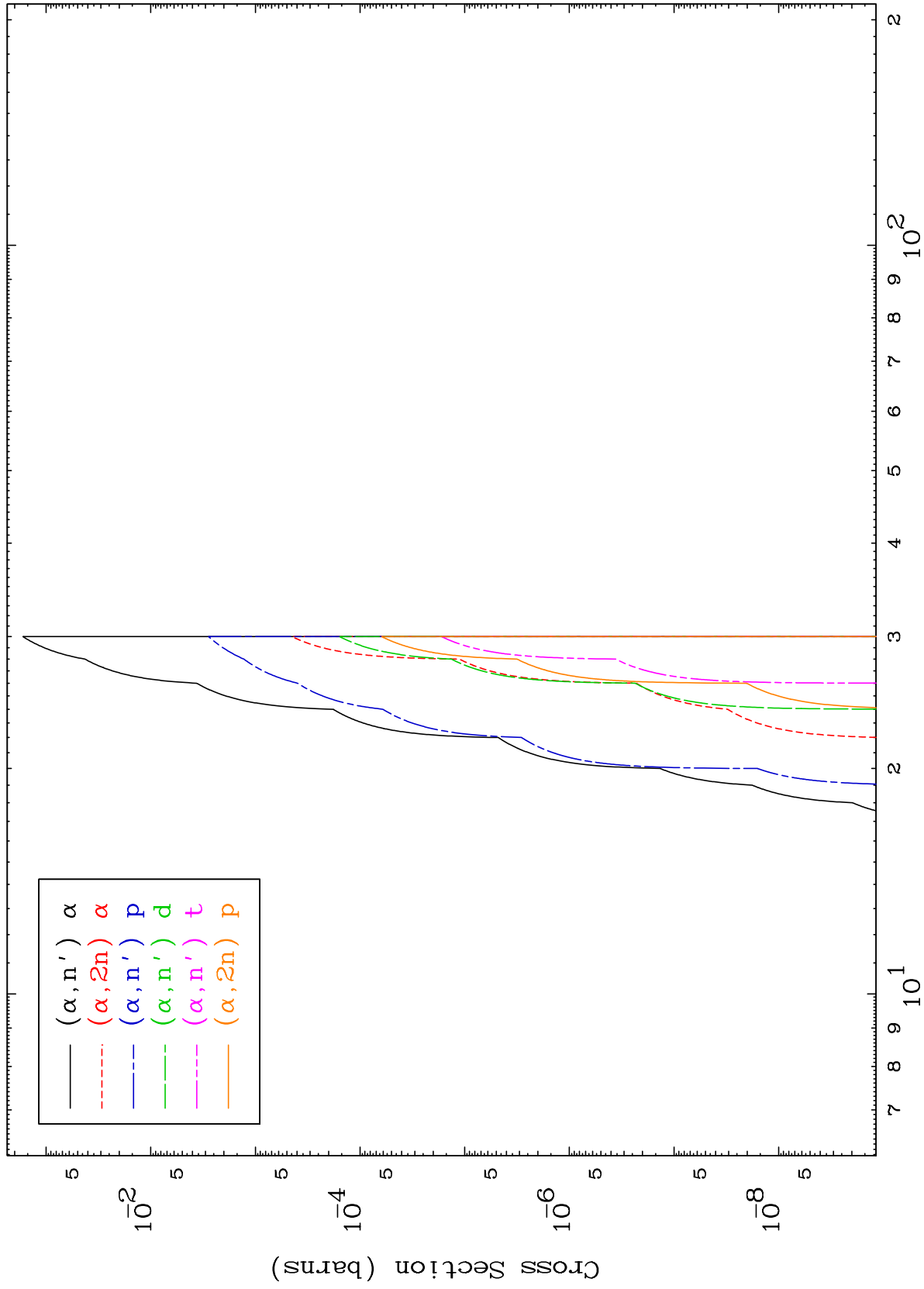
72-Hf-180



2

Incident Energy (MeV)

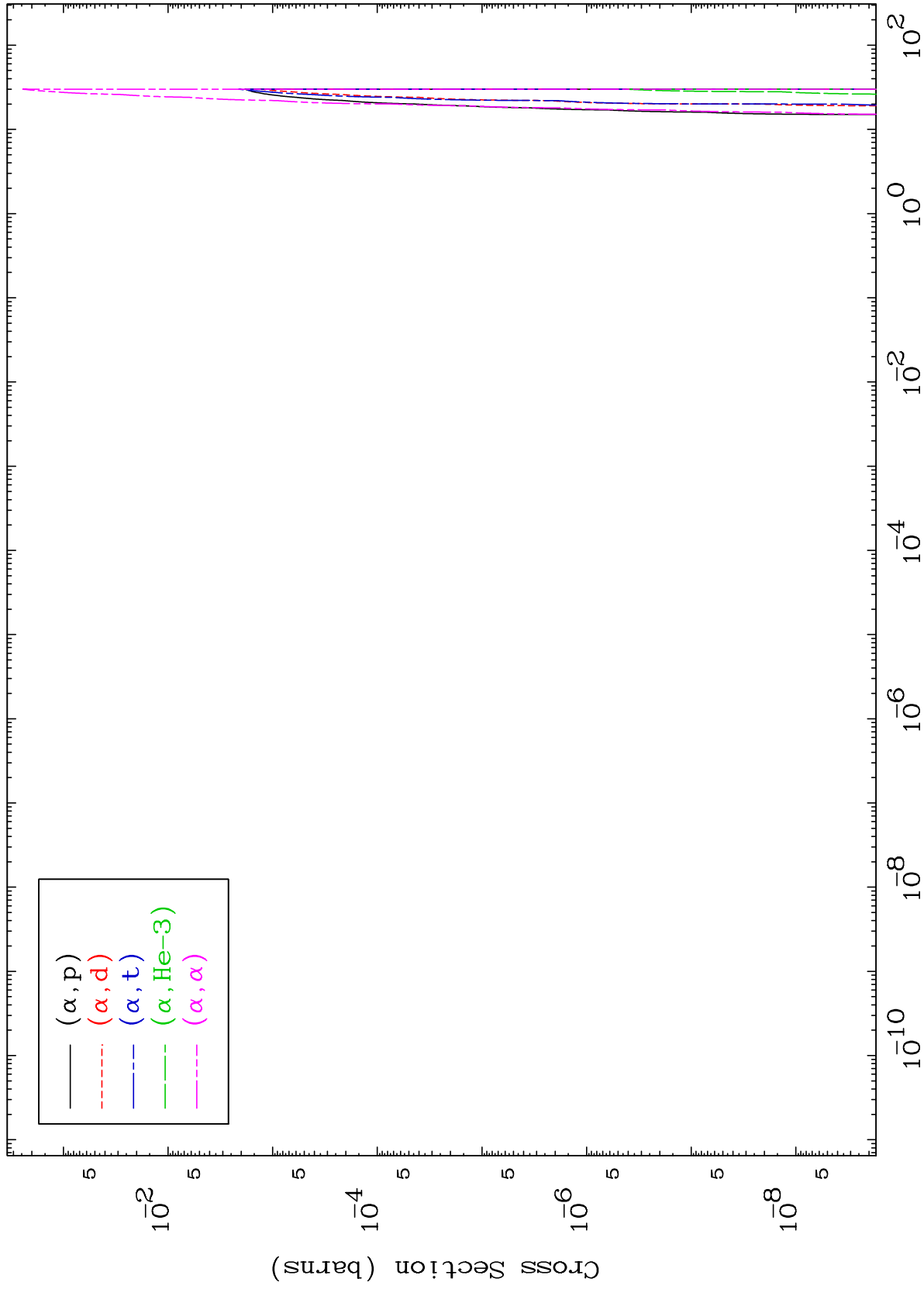
72-Hf-180



MAT 7244

α Charged Particle
0 Kelvin Cross Sections

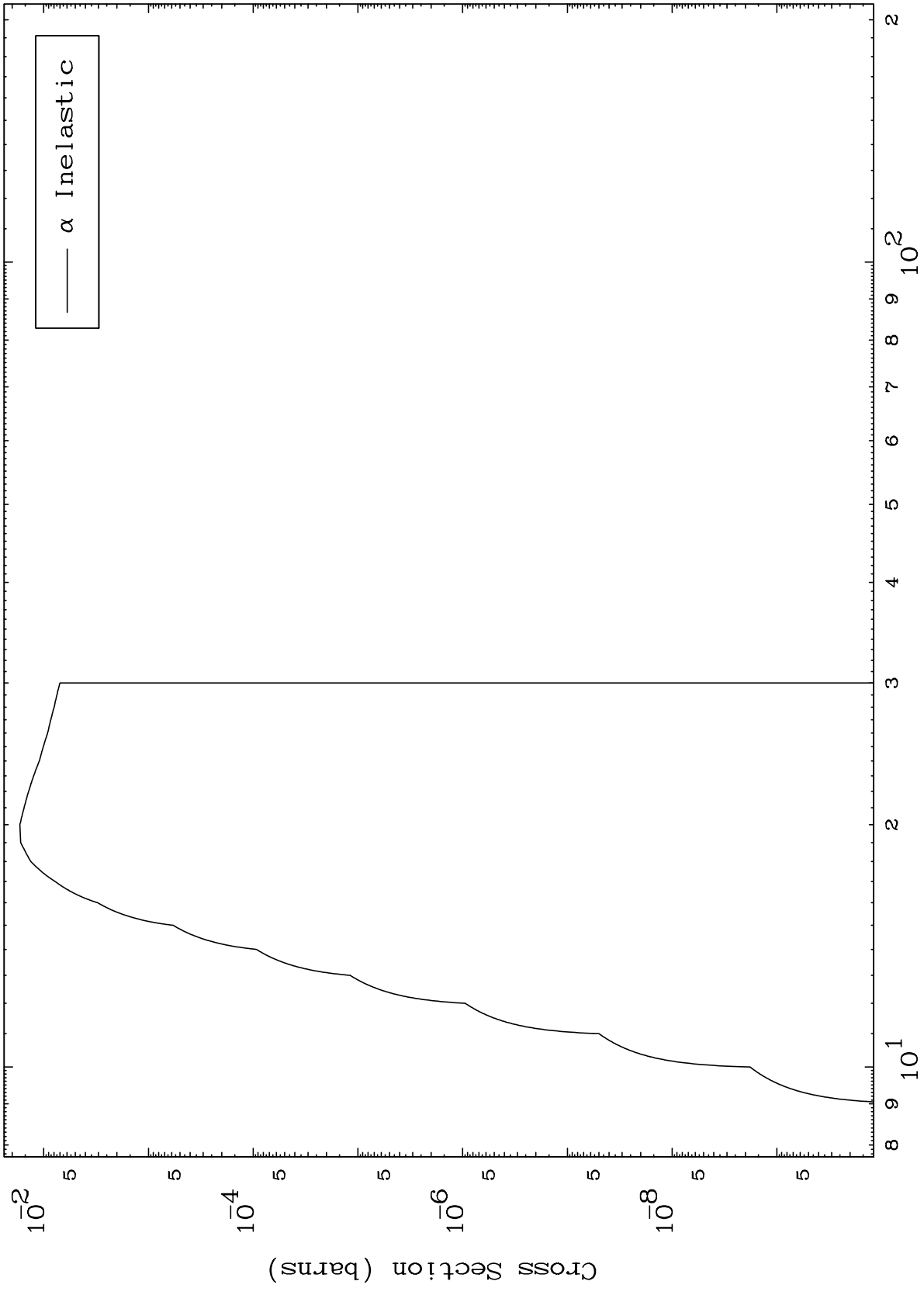
72-Hf-180



MAT 7244

(α, n') Level
0 Kelvin Cross Sections

72-Hf-180



5

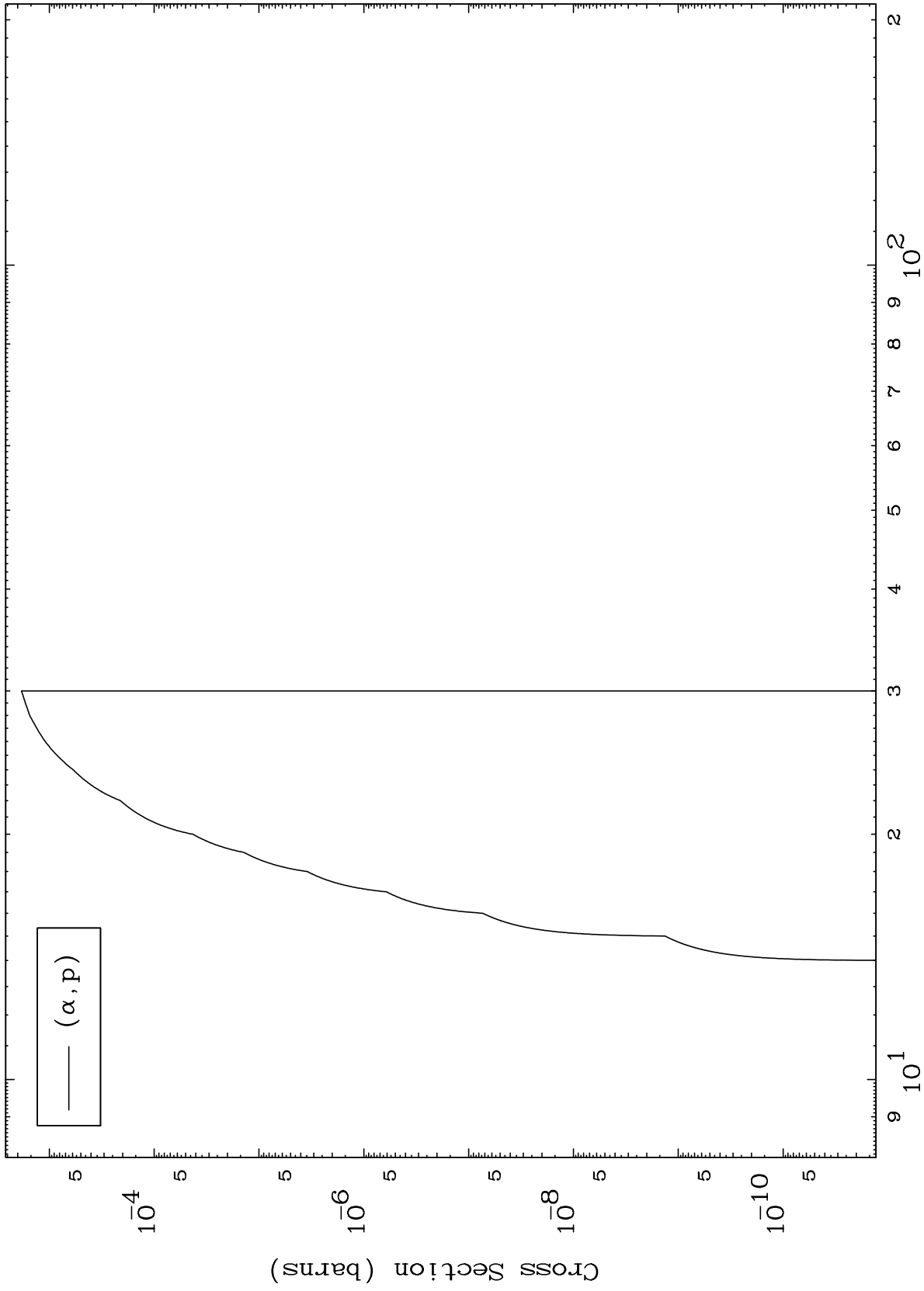
Incident Energy (MeV)

72-Hf-180

MAT 7244

(α, p) Levels
0 Kelvin Cross Sections

72-Hf-180



6

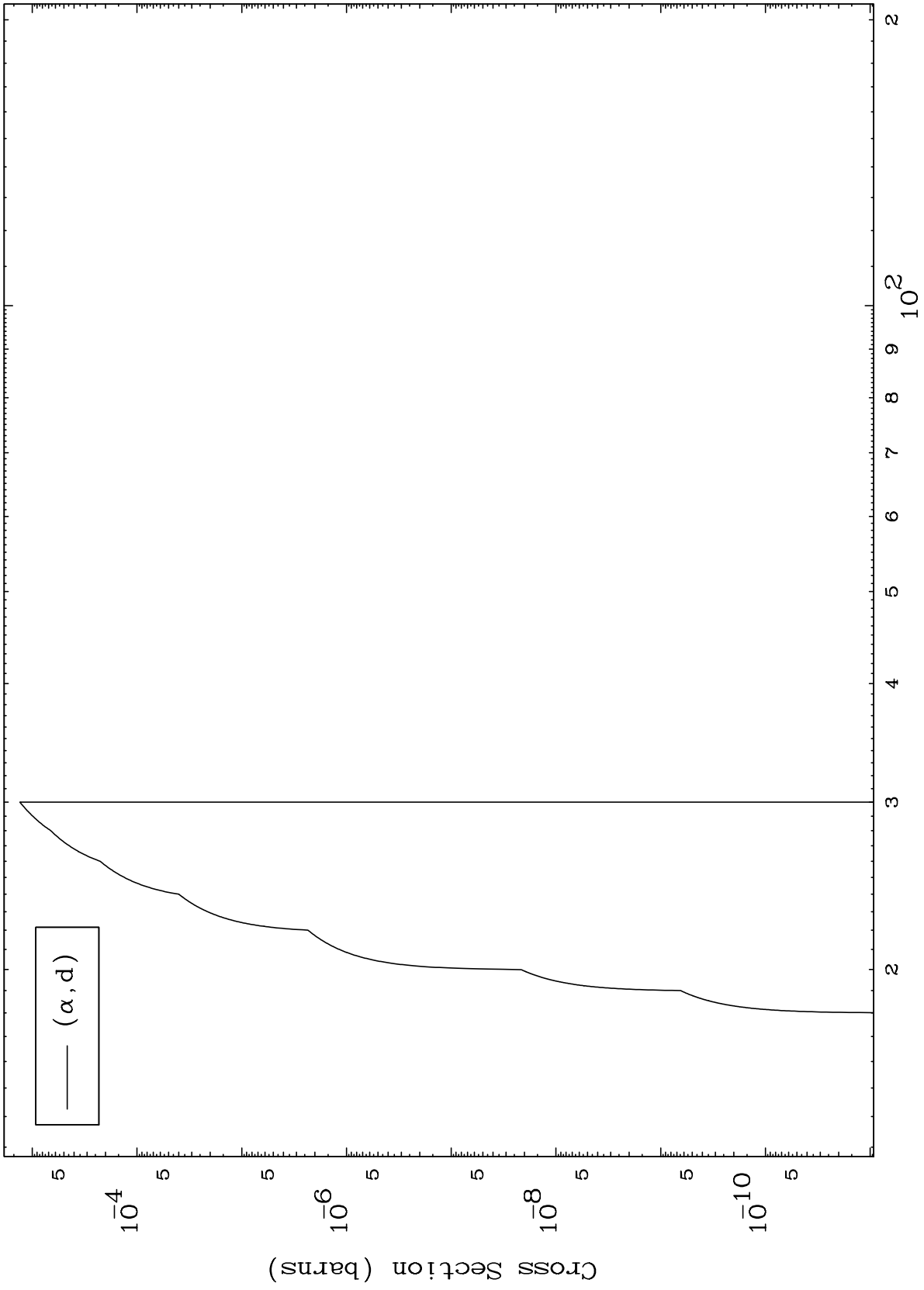
Incident Energy (MeV)

72-Hf-180

MAT 7244

(α, d) Levels
0 Kelvin Cross Sections

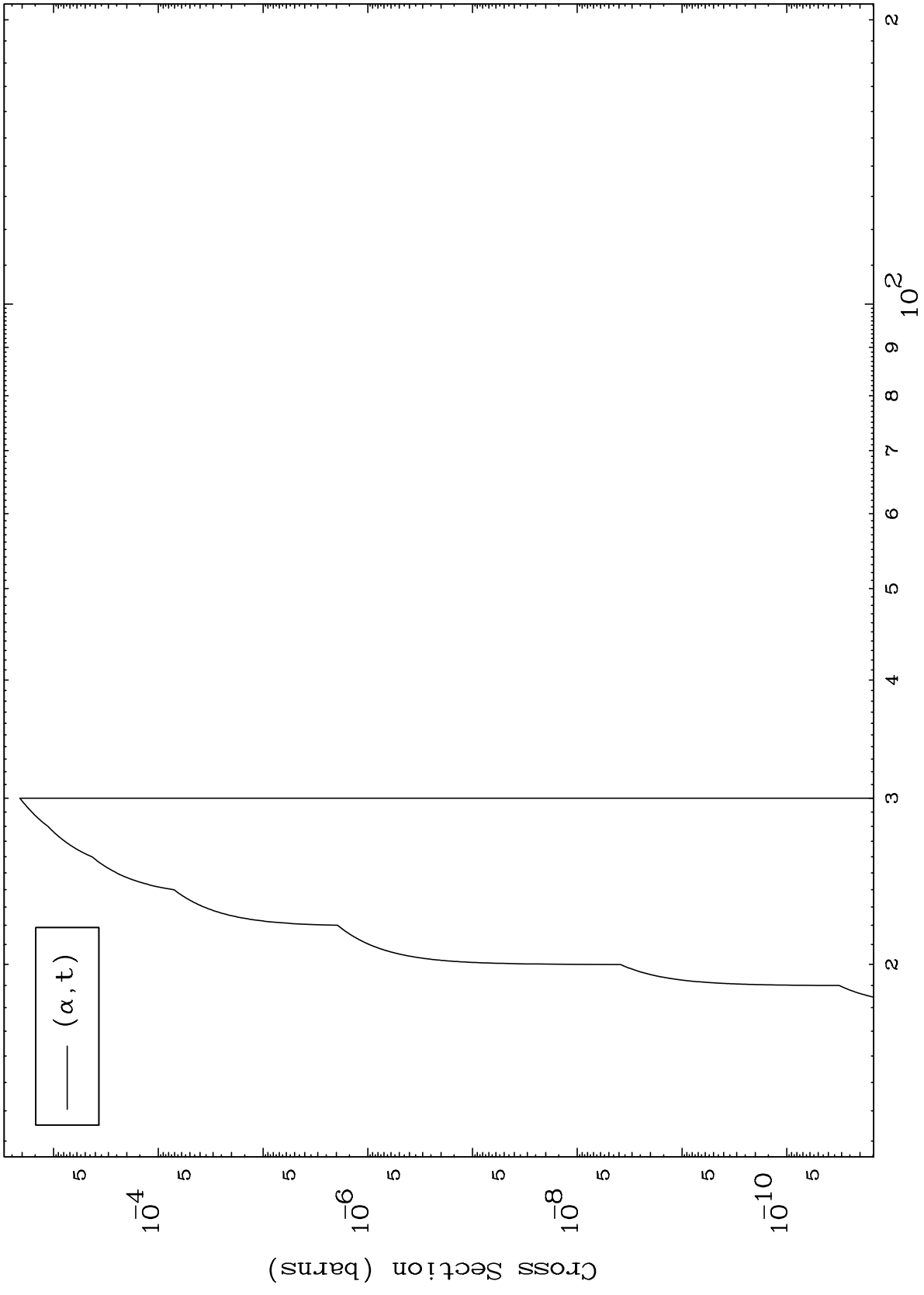
72-Hf-180



MAT 7244

(α, t) Levels
0 Kelvin Cross Sections

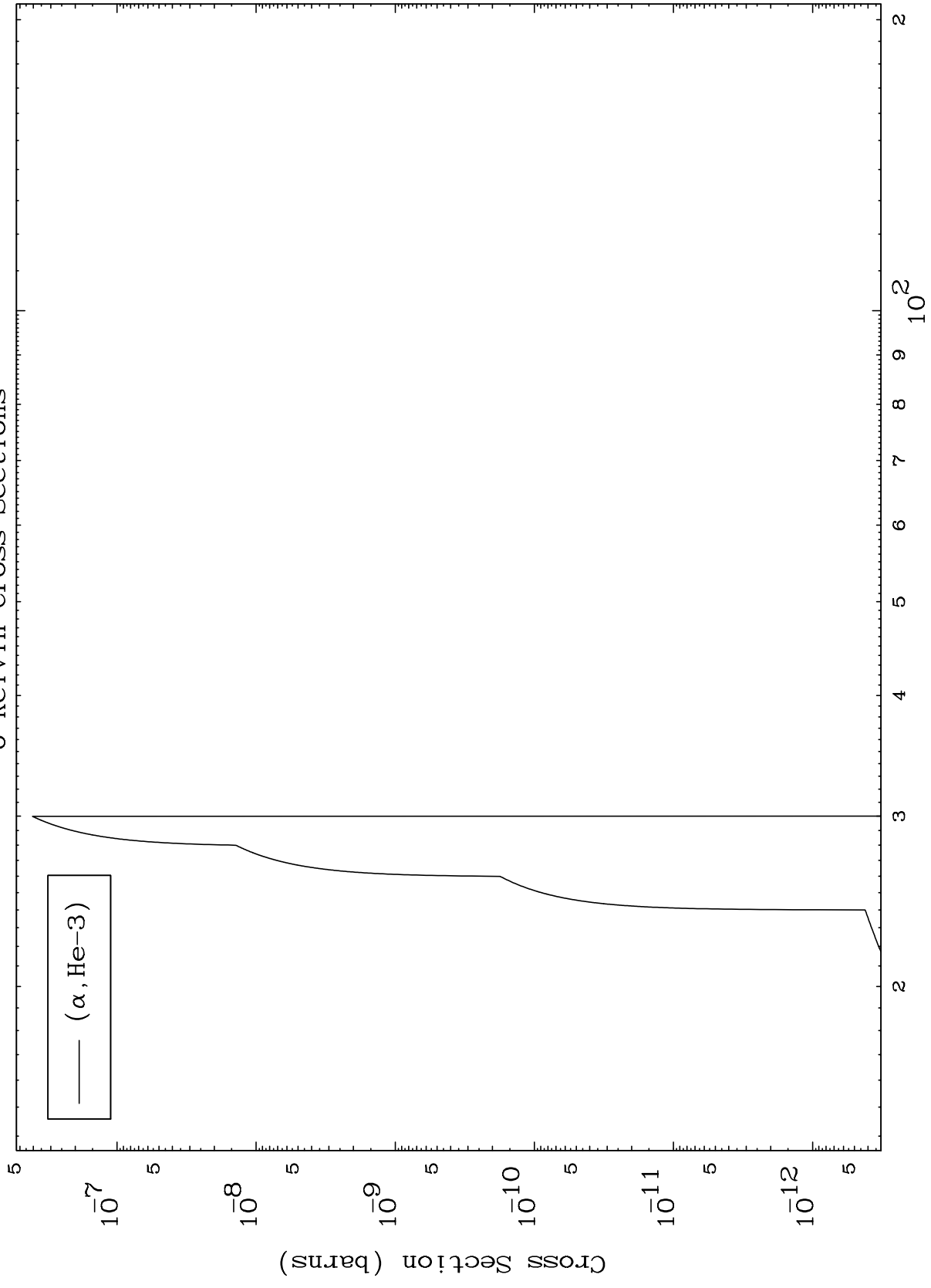
72-Hf-180



MAT 7244

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

72-Hf-180



9

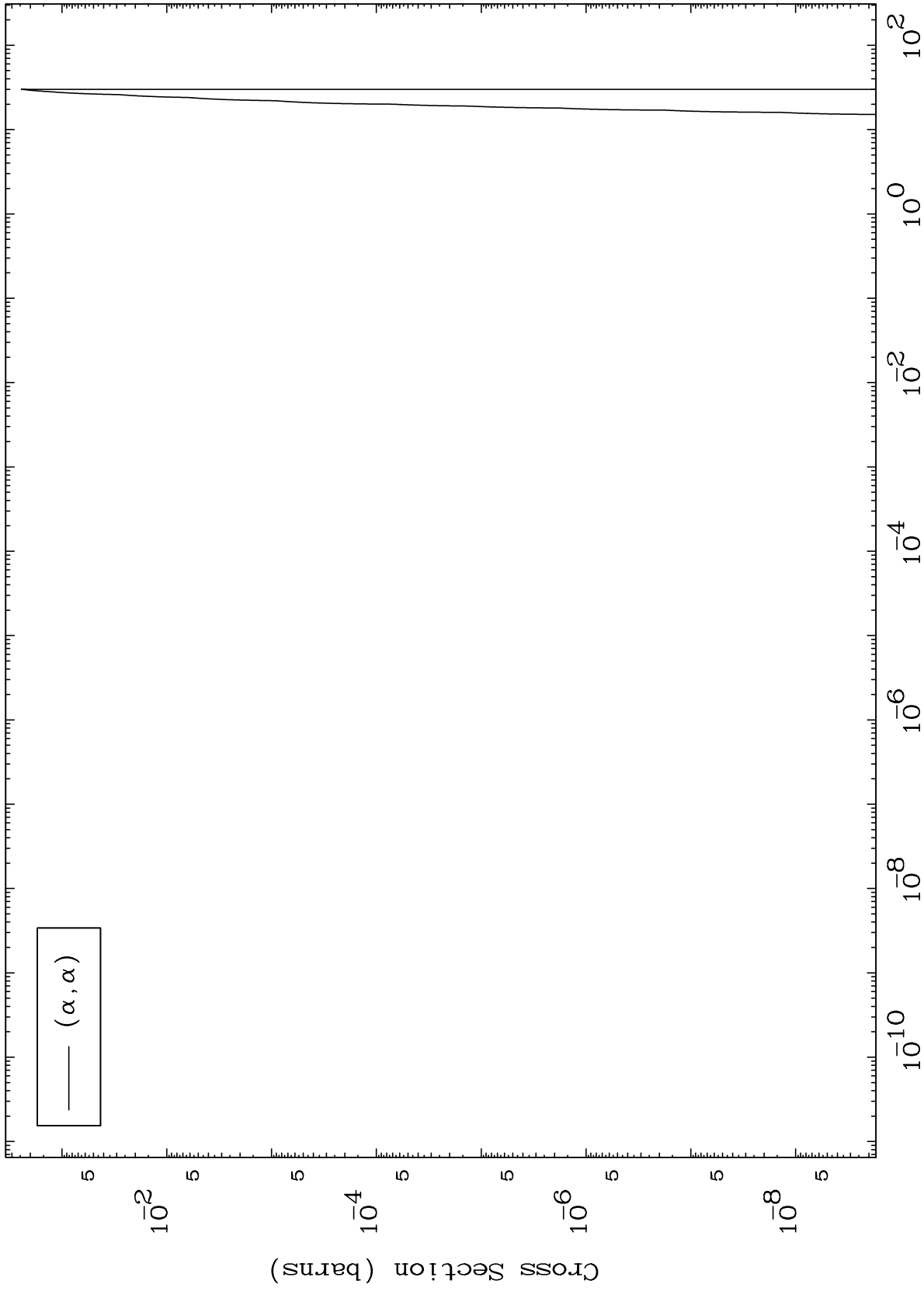
Incident Energy (MeV)

72-Hf-180

MAT 7244

(α, α) Levels
0 Kelvin Cross Sections

72-Hf-180



10

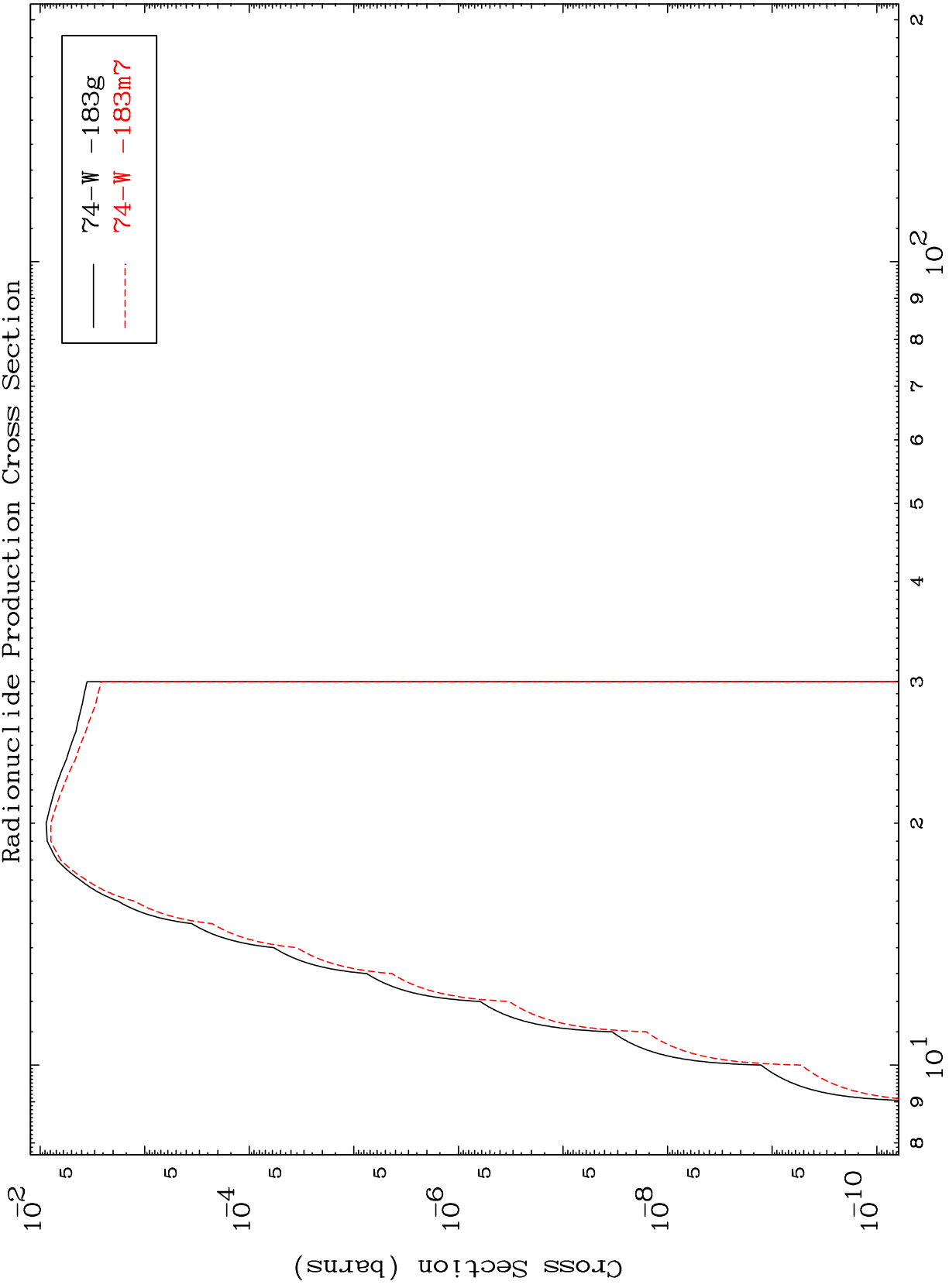
Incident Energy (MeV)

72-Hf-180

MAT 7244

72-Hf-180

α Inelastic
Radionuclide Production Cross Section



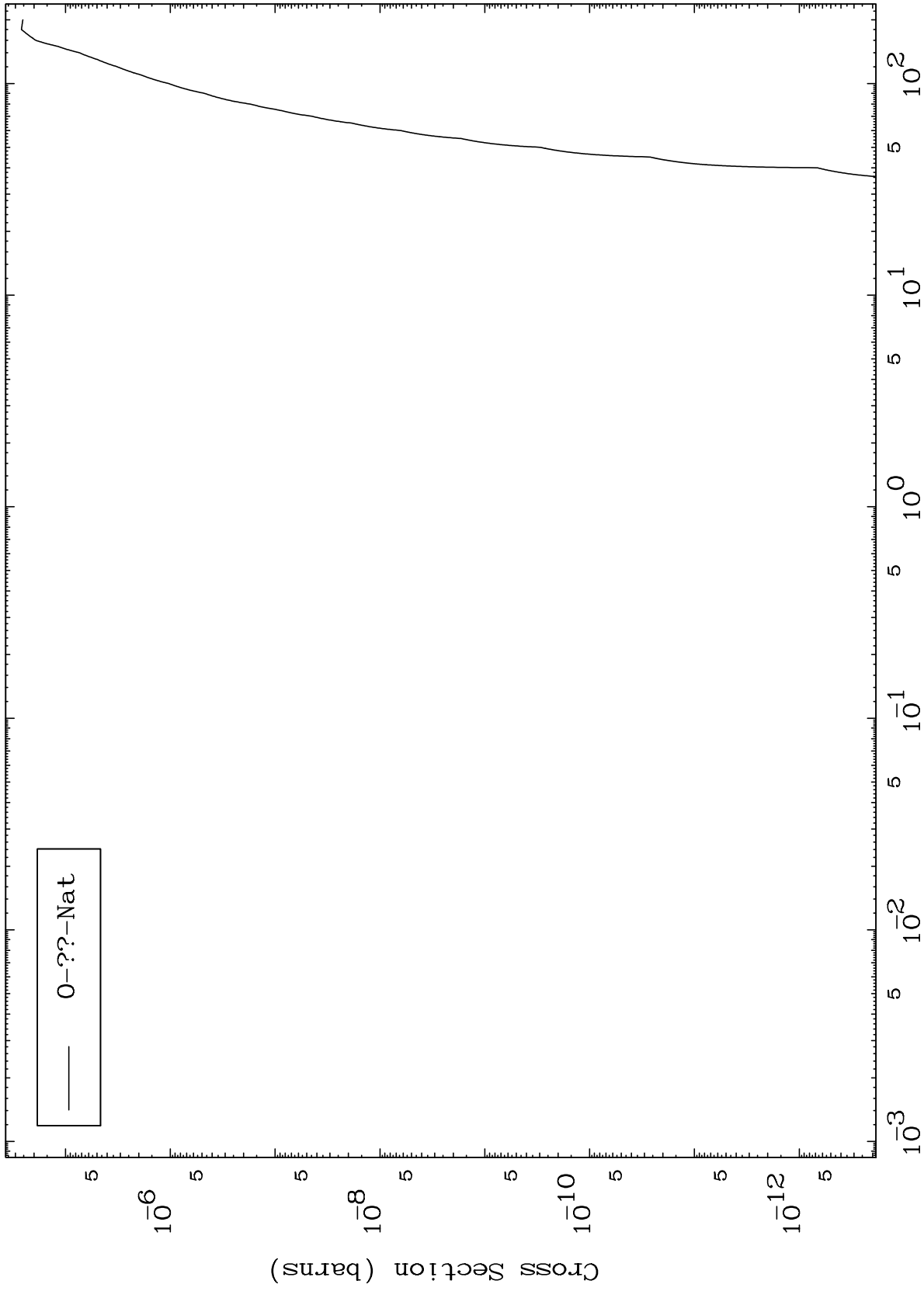
11

72-Hf-180

MAT 7244

α Fission
Radionuclide Production Cross Section

72-Hf-180



12

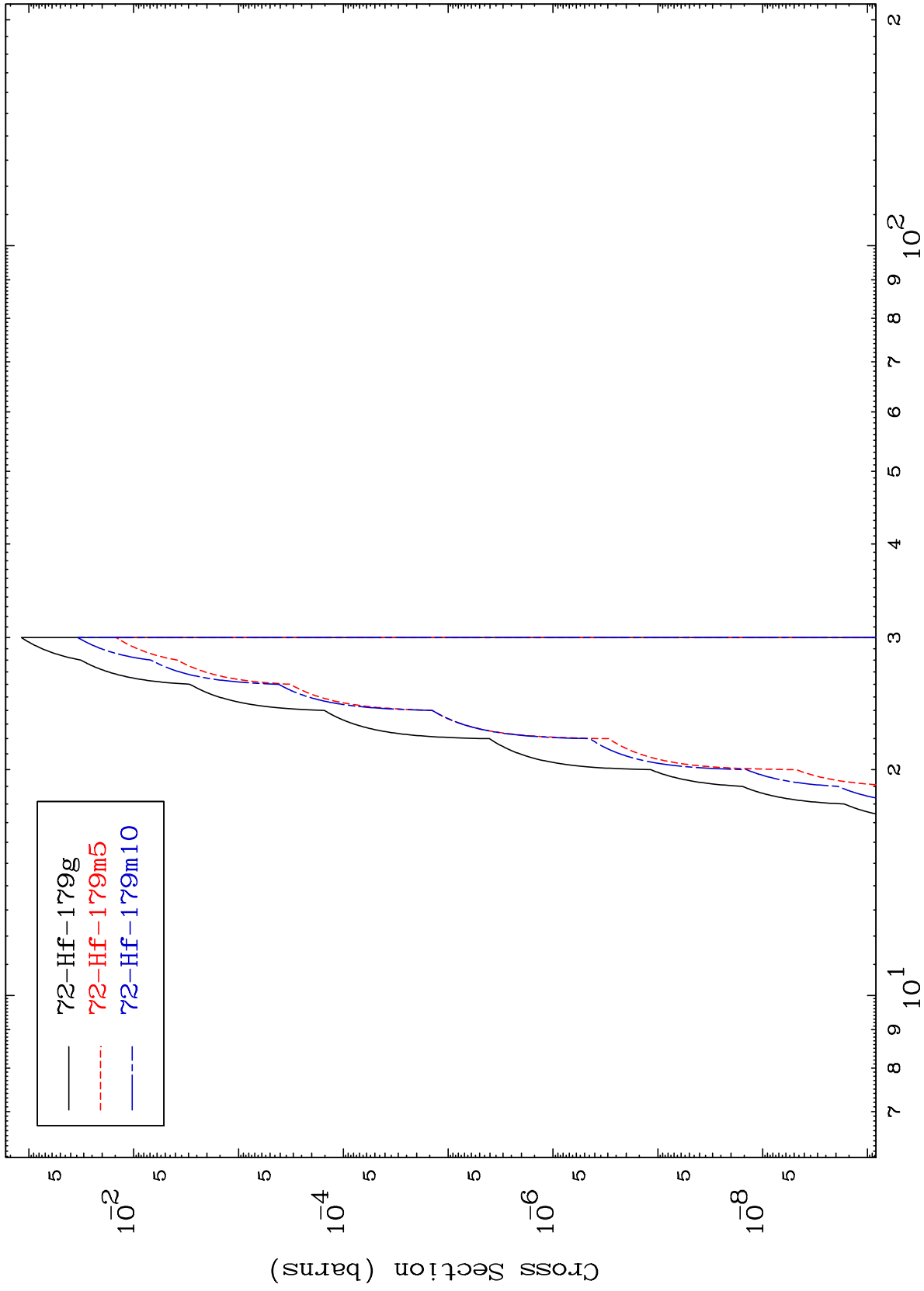
Incident Energy (MeV)

72-Hf-180

MAT 7244

72-Hf-180

(α, n') α
Radionuclide Production Cross Section



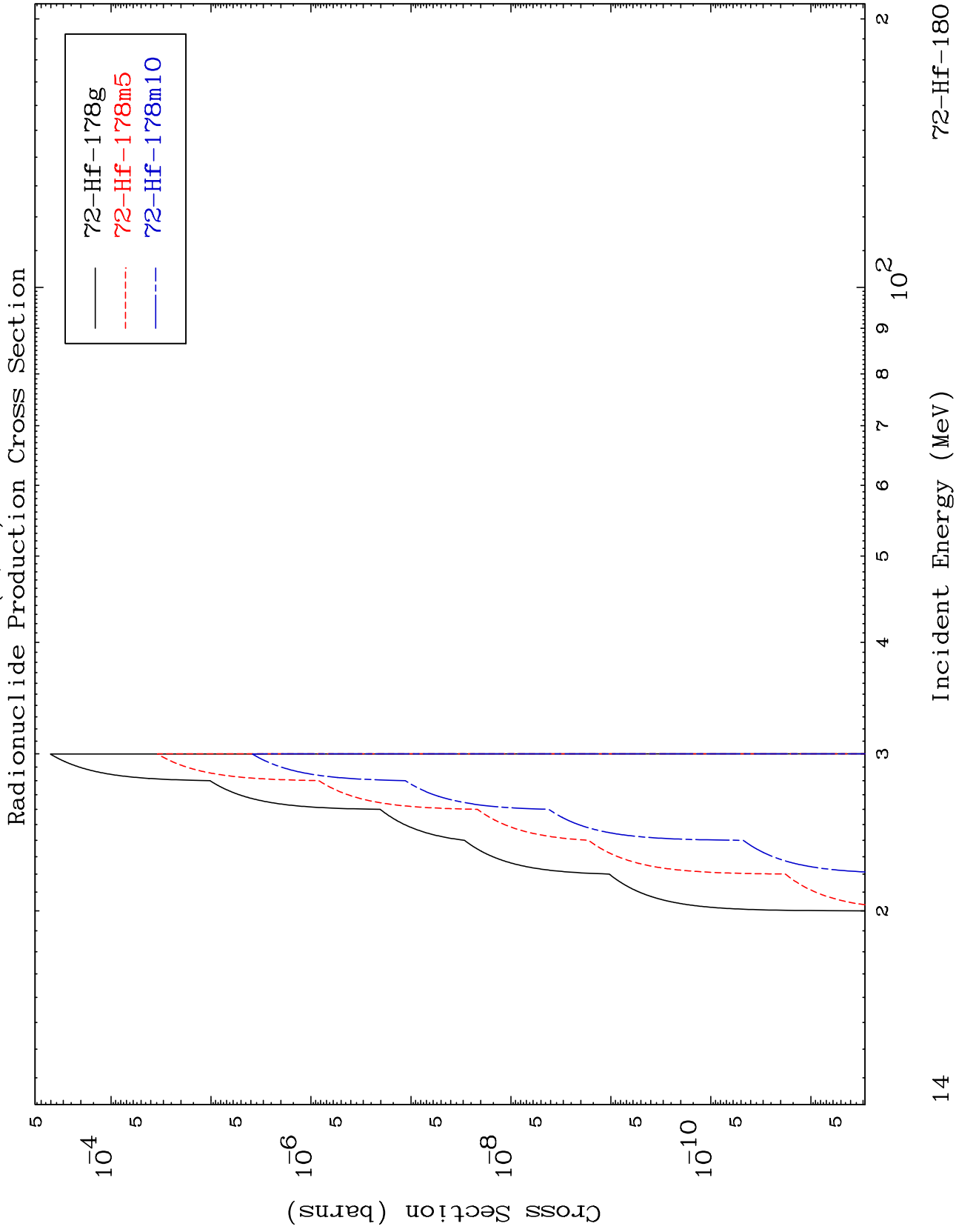
13

72-Hf-180

MAT 7244

$(\alpha, 2n) \alpha$

72-Hf-180

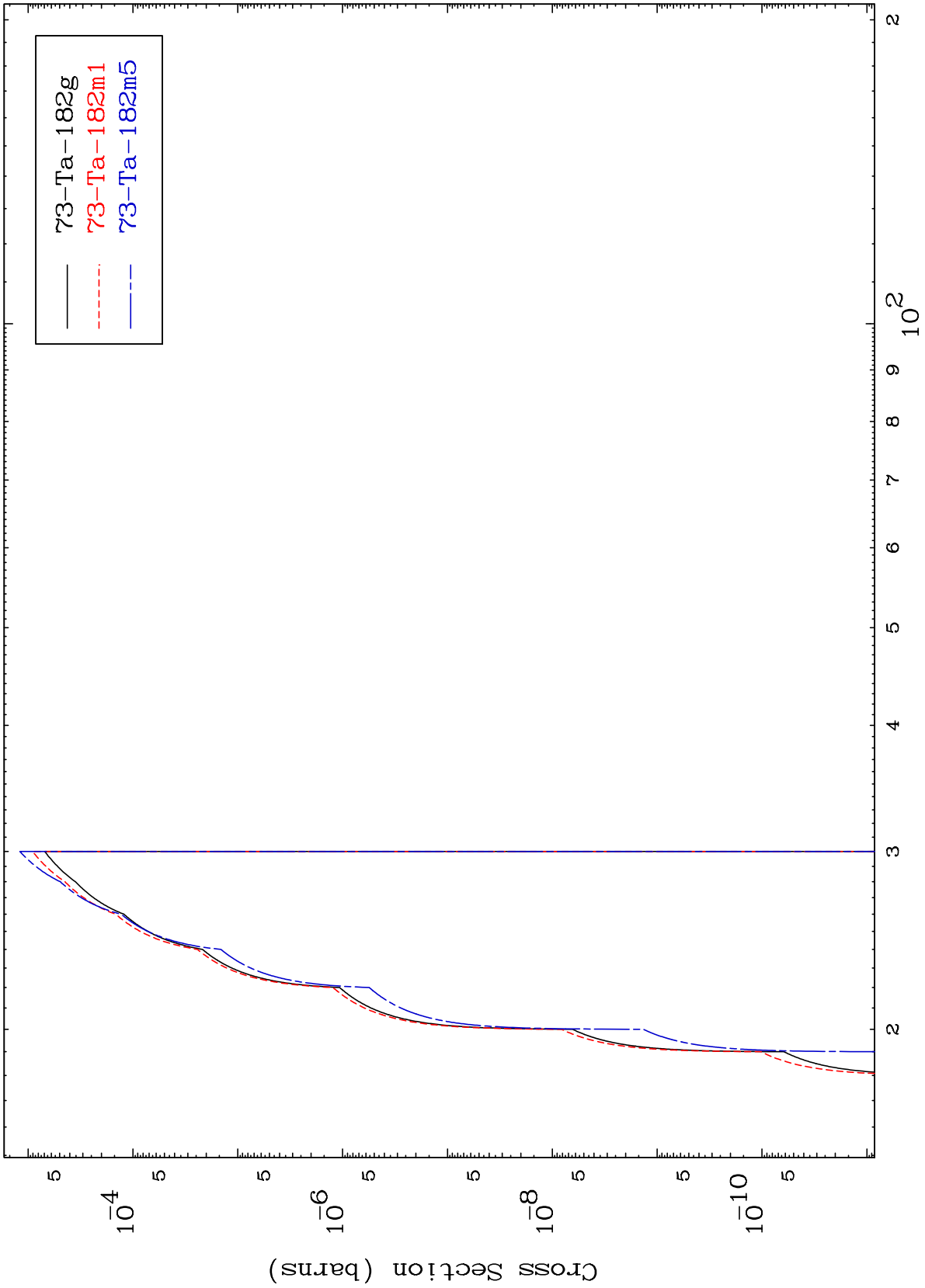


MAT 7244

(α, n') p

72-Hf-180

Radionuclide Production Cross Section



15

Incident Energy (MeV)

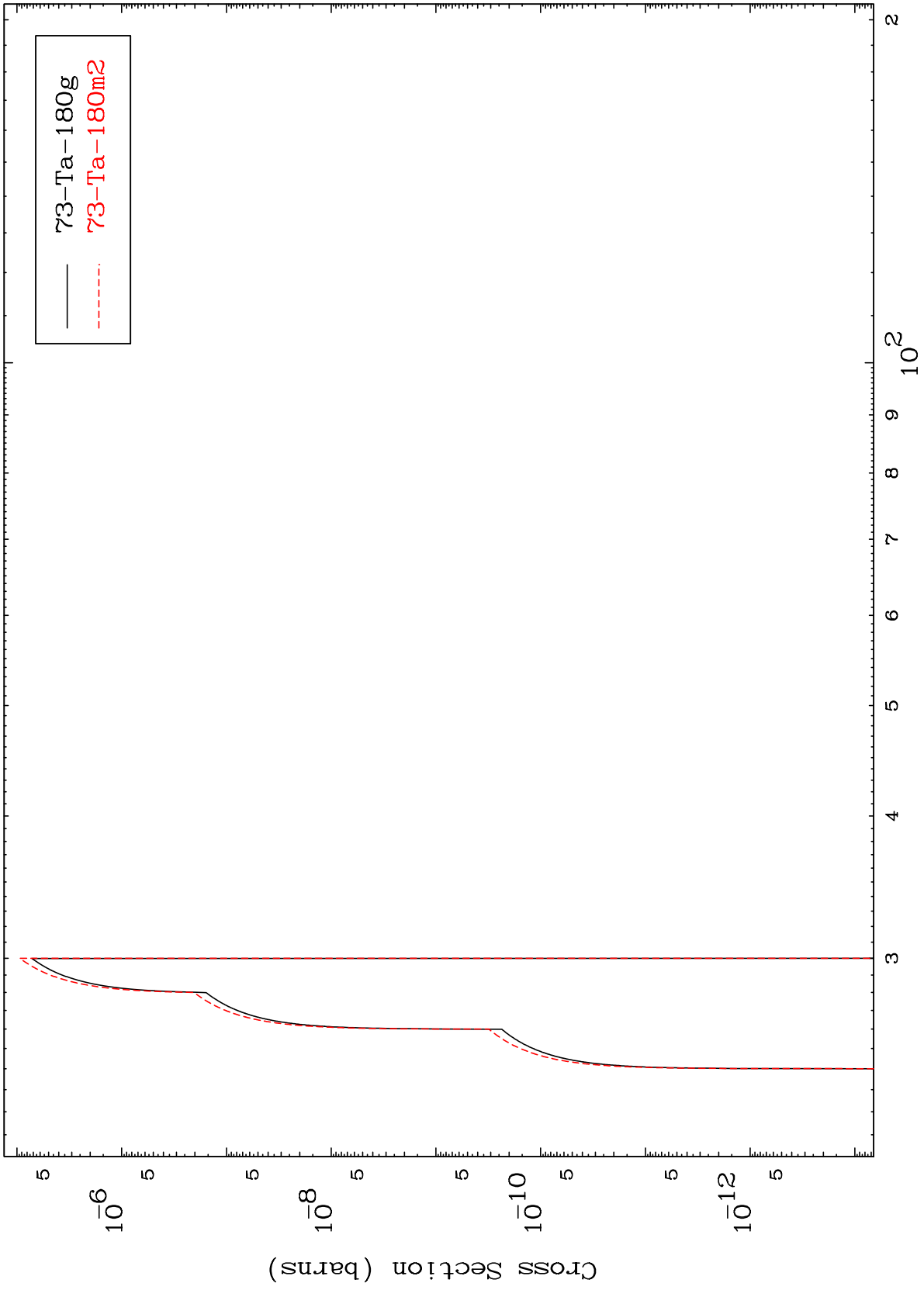
72-Hf-180

MAT 7244

(α, n') t

72-Hf-180

Radionuclide Production Cross Section

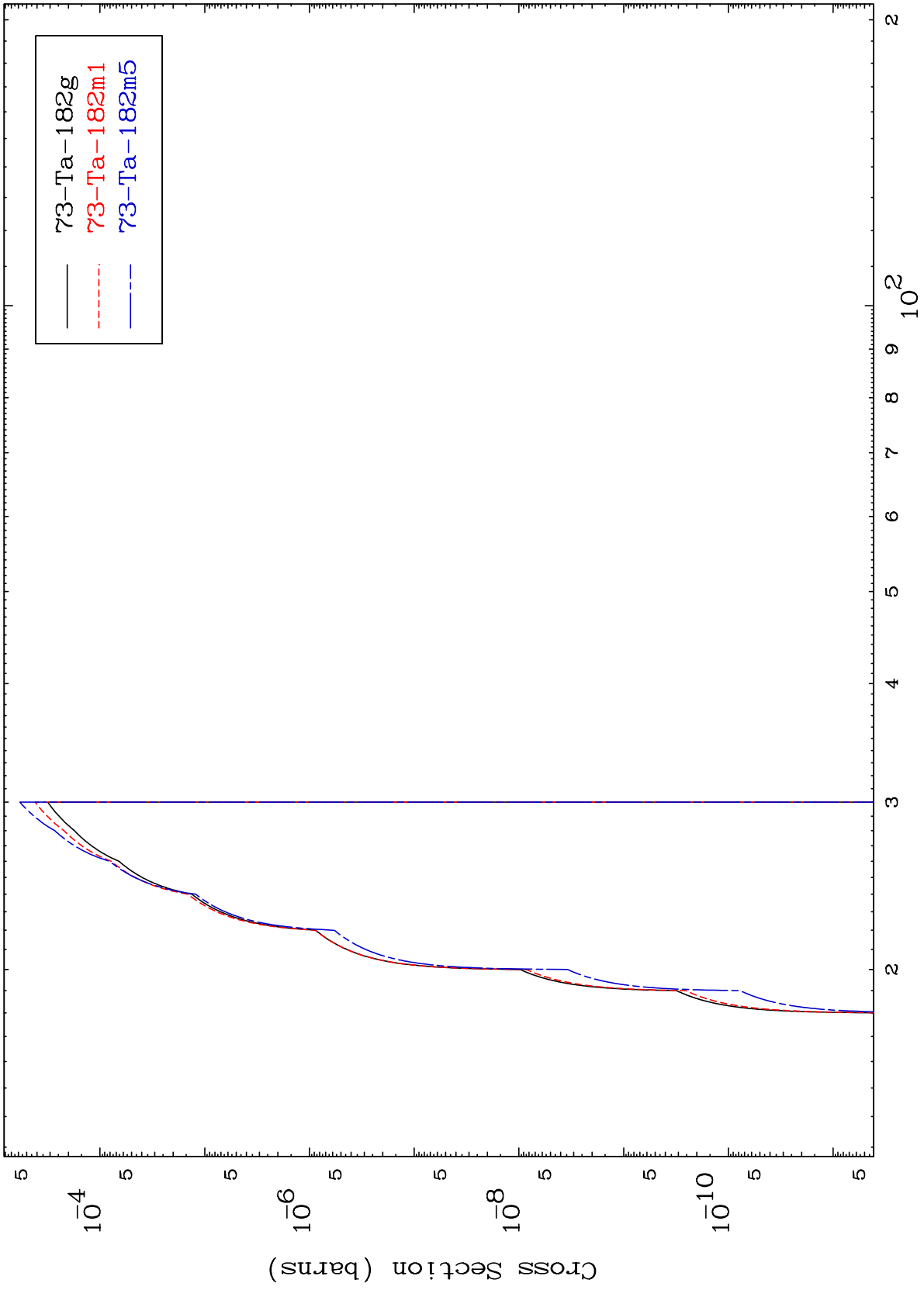


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Incident Energy (MeV)

72-Hf-180

Radionuclide Production Cross Section

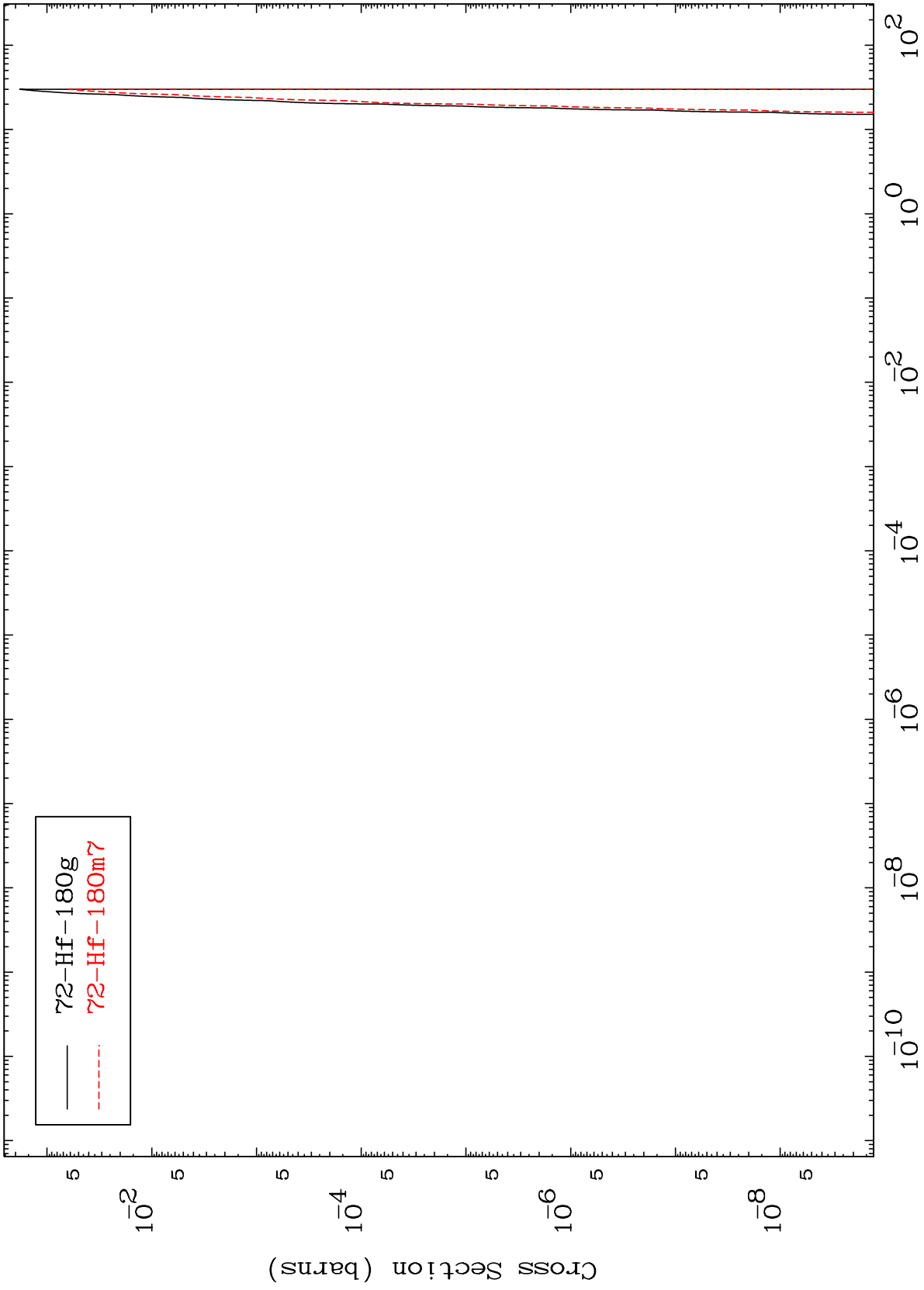


MAT 7244

(α, α)

⁷²Hf-180

Radionuclide Production Cross Section



18

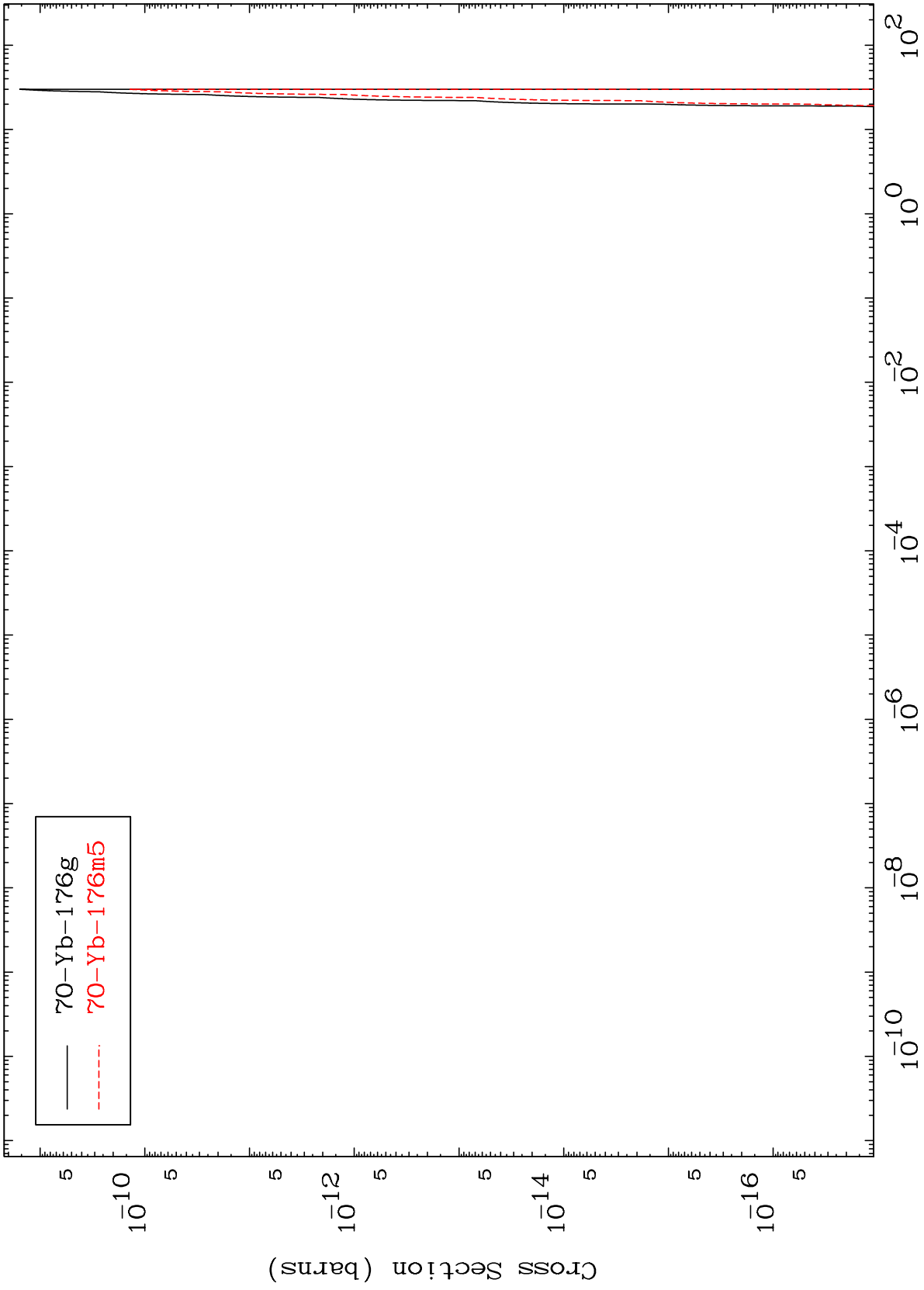
Incident Energy (MeV)

⁷²Hf-180

MAT 7244

Radionuclide Production Cross Section
($\alpha, 2\alpha$)

⁷²Hf-180



⁷²Hf-180