

Program EVALPLOT
(Version 2018-1)

by

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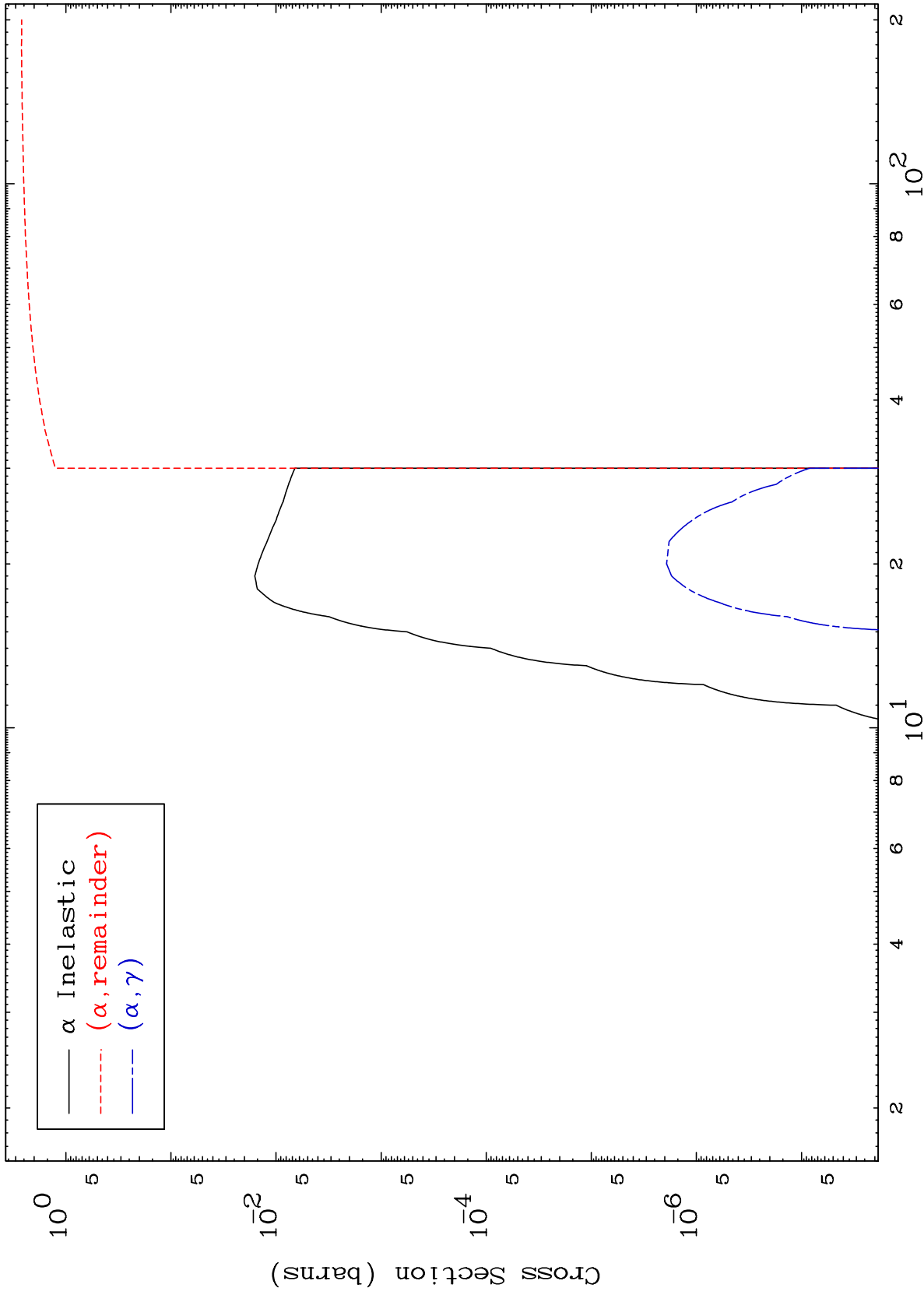
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7240

0 Kelvin α Major
Cross Sections

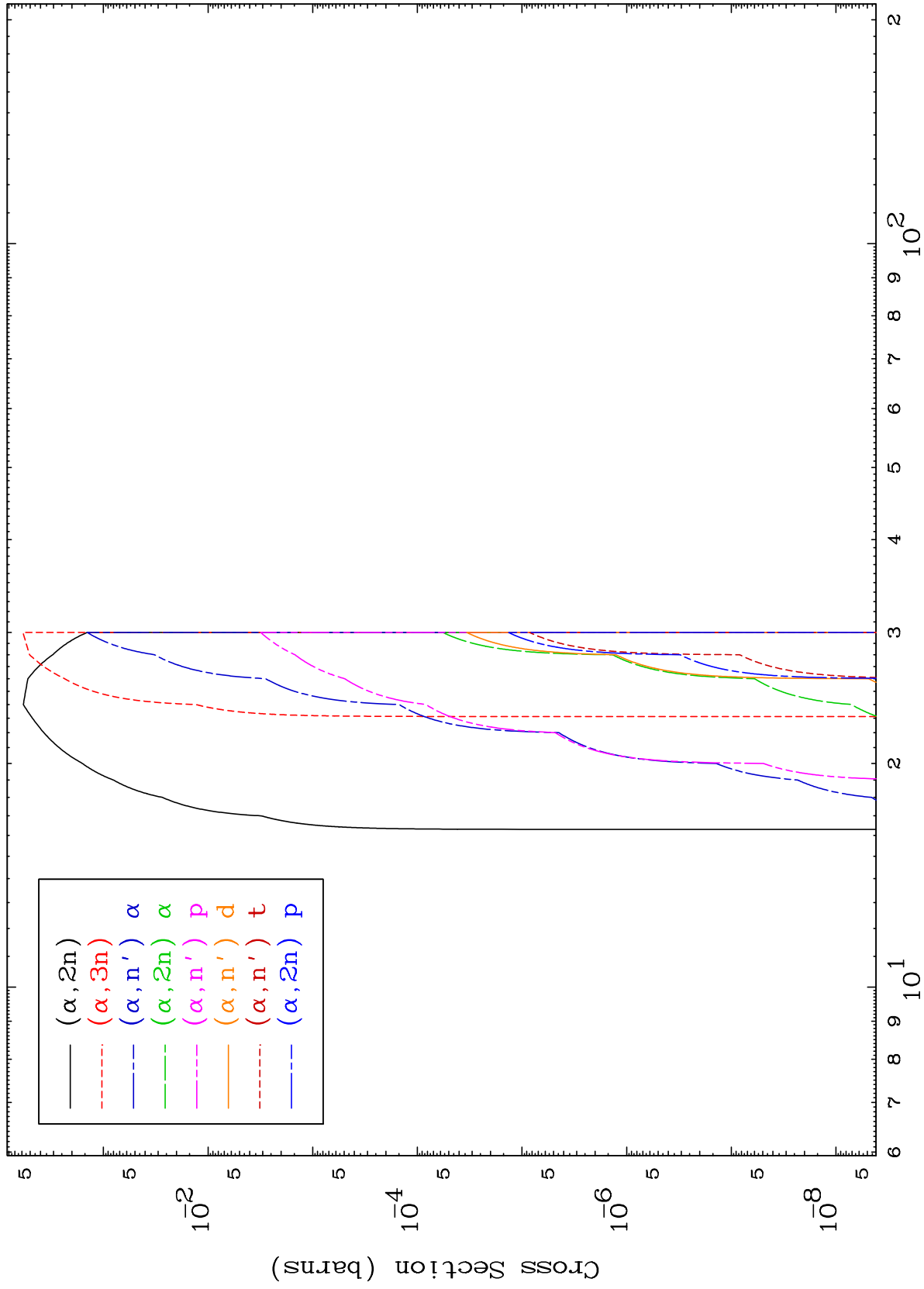
72-Hf-179



MAT 7240

α Neutron Production
0 Kelvin Cross Sections

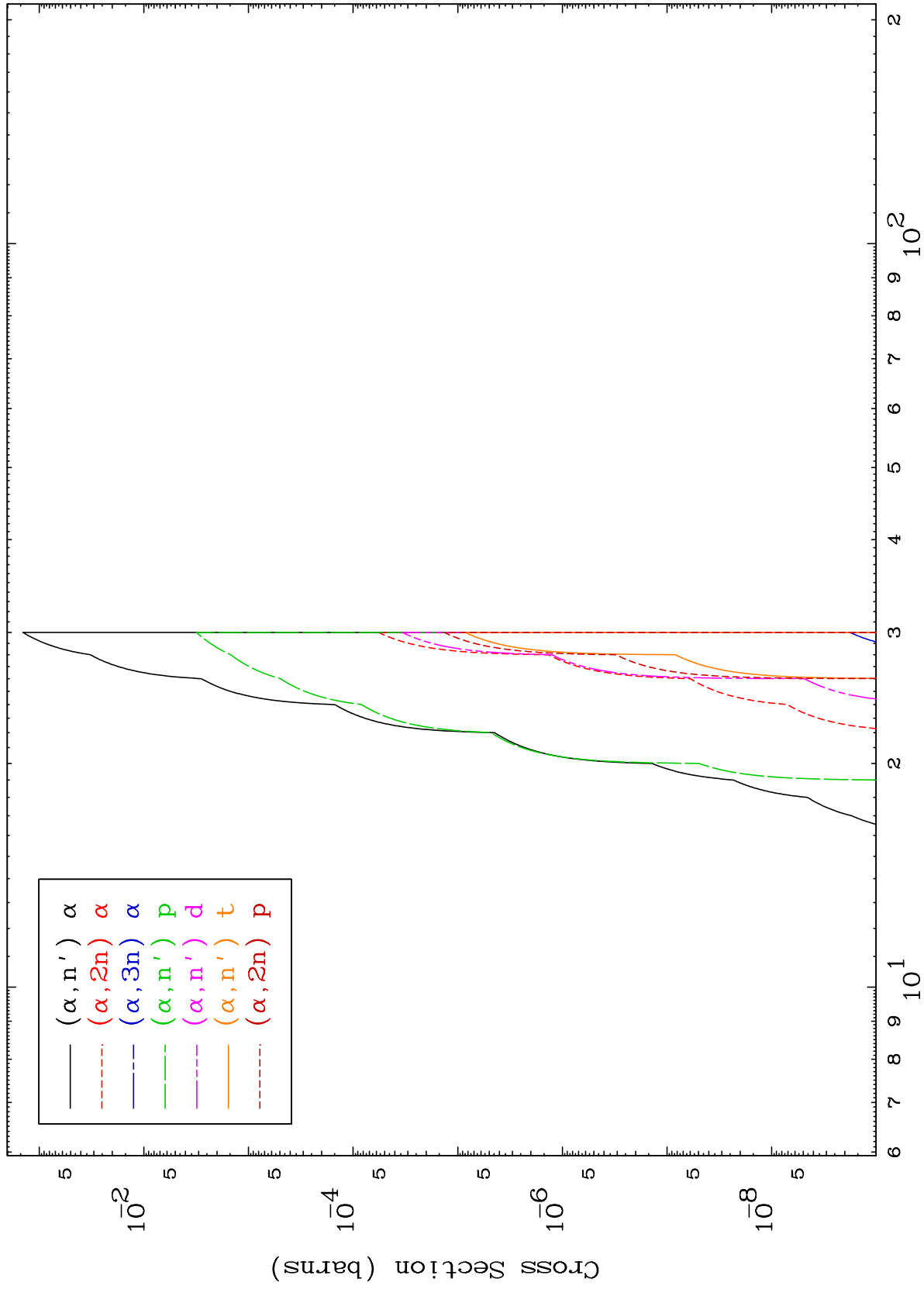
72-Hf-179



2

Incident Energy (MeV)

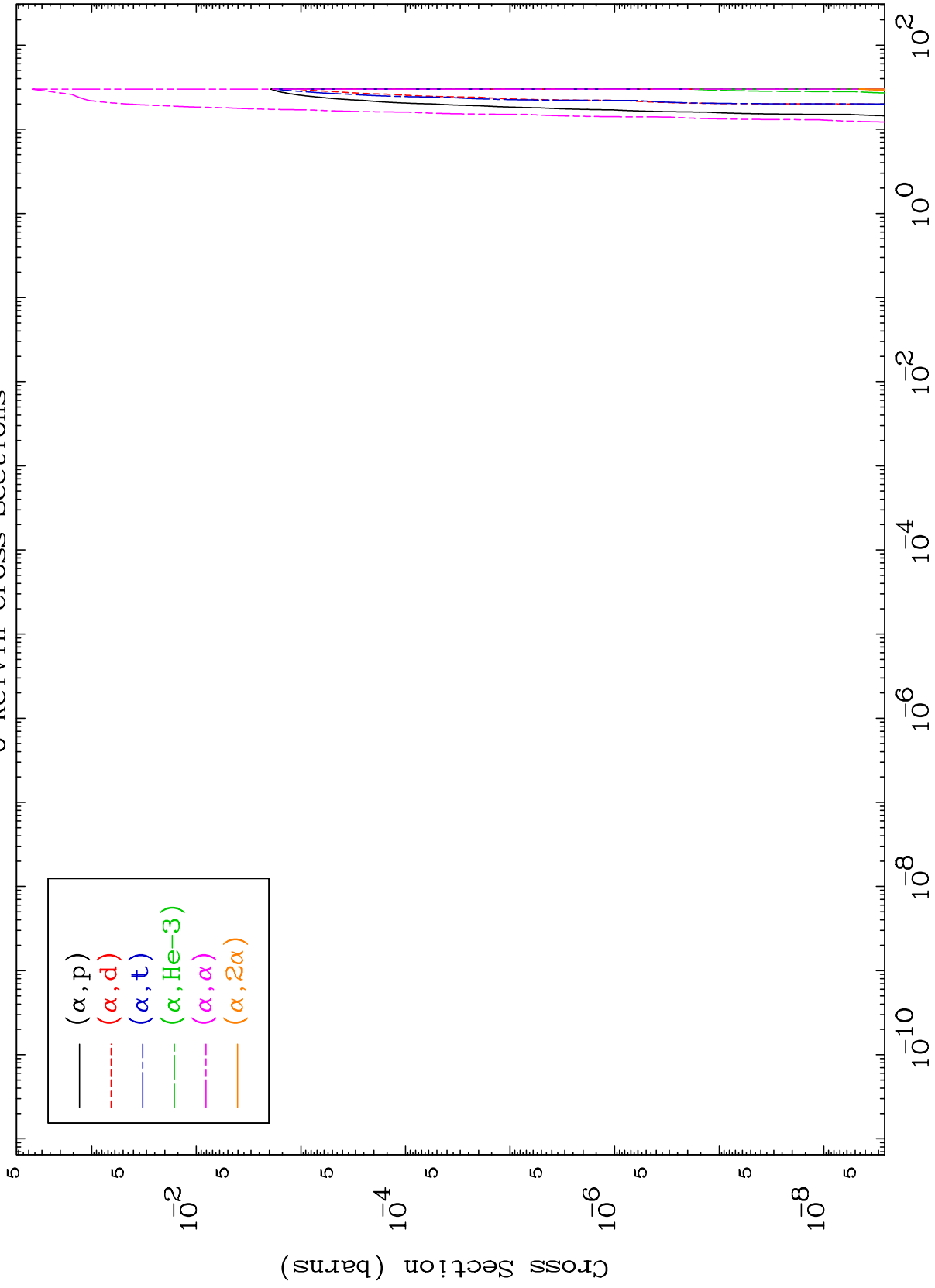
72-Hf-179



MAT 7240

α Charged Particle
0 Kelvin Cross Sections

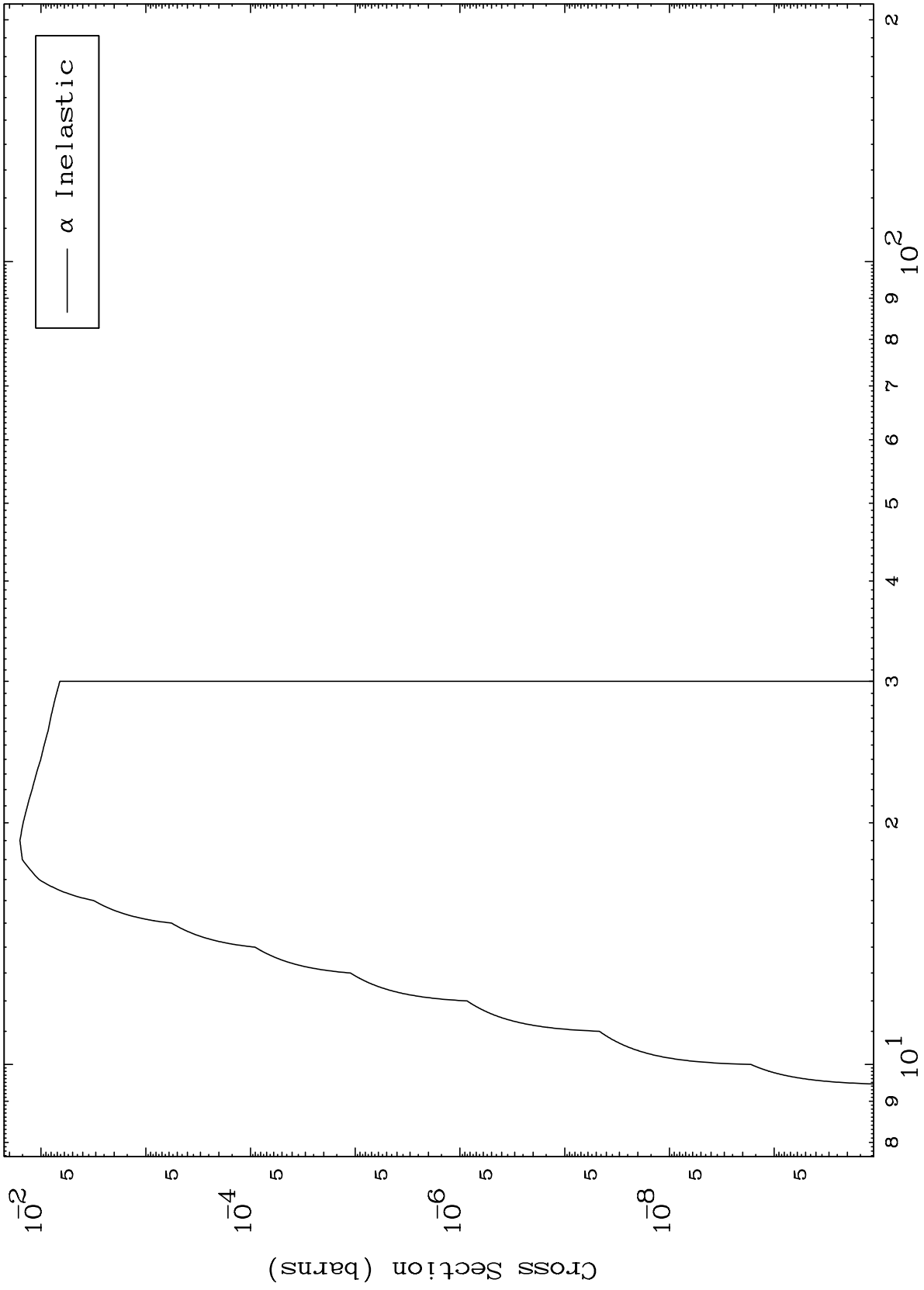
72-Hf-179



MAT 7240

(α, n') Level
0 Kelvin Cross Sections

72-Hf-179



5

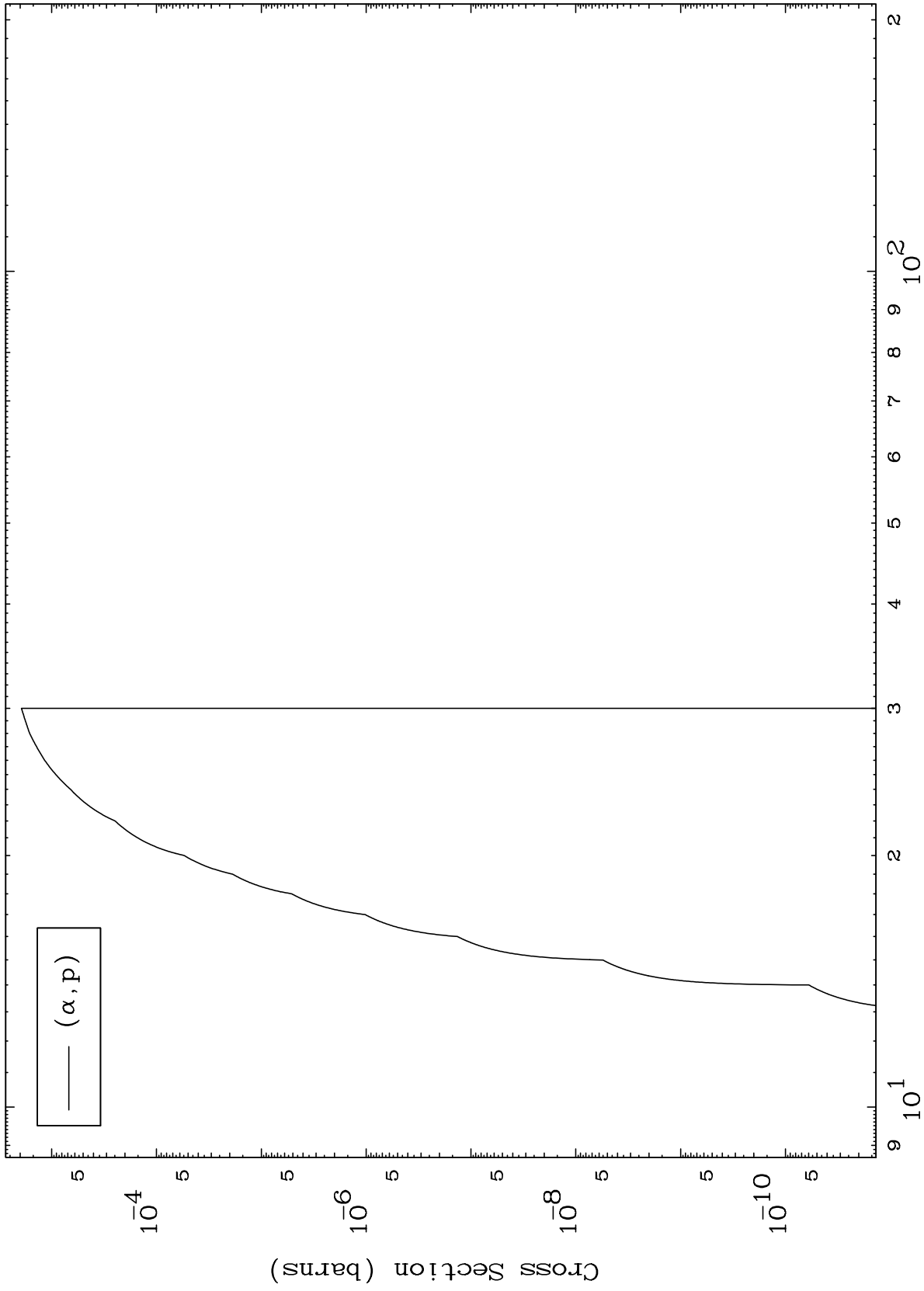
Incident Energy (MeV)

72-Hf-179

MAT 7240

(α, p) Levels
0 Kelvin Cross Sections

72-Hf-179



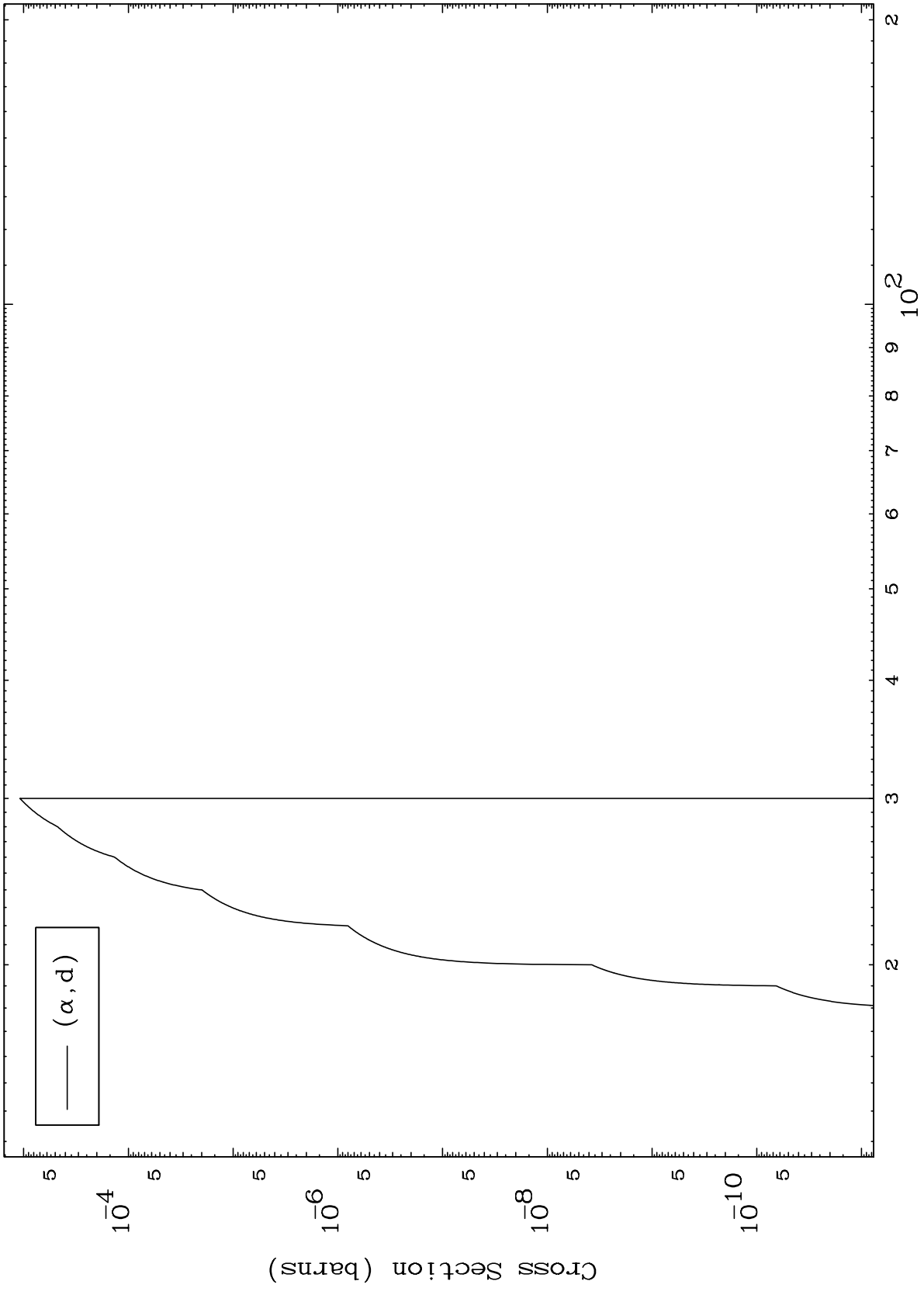
Incident Energy (MeV)

72-Hf-179

MAT 7240

(α, d) Levels
0 Kelvin Cross Sections

72-Hf-179



7

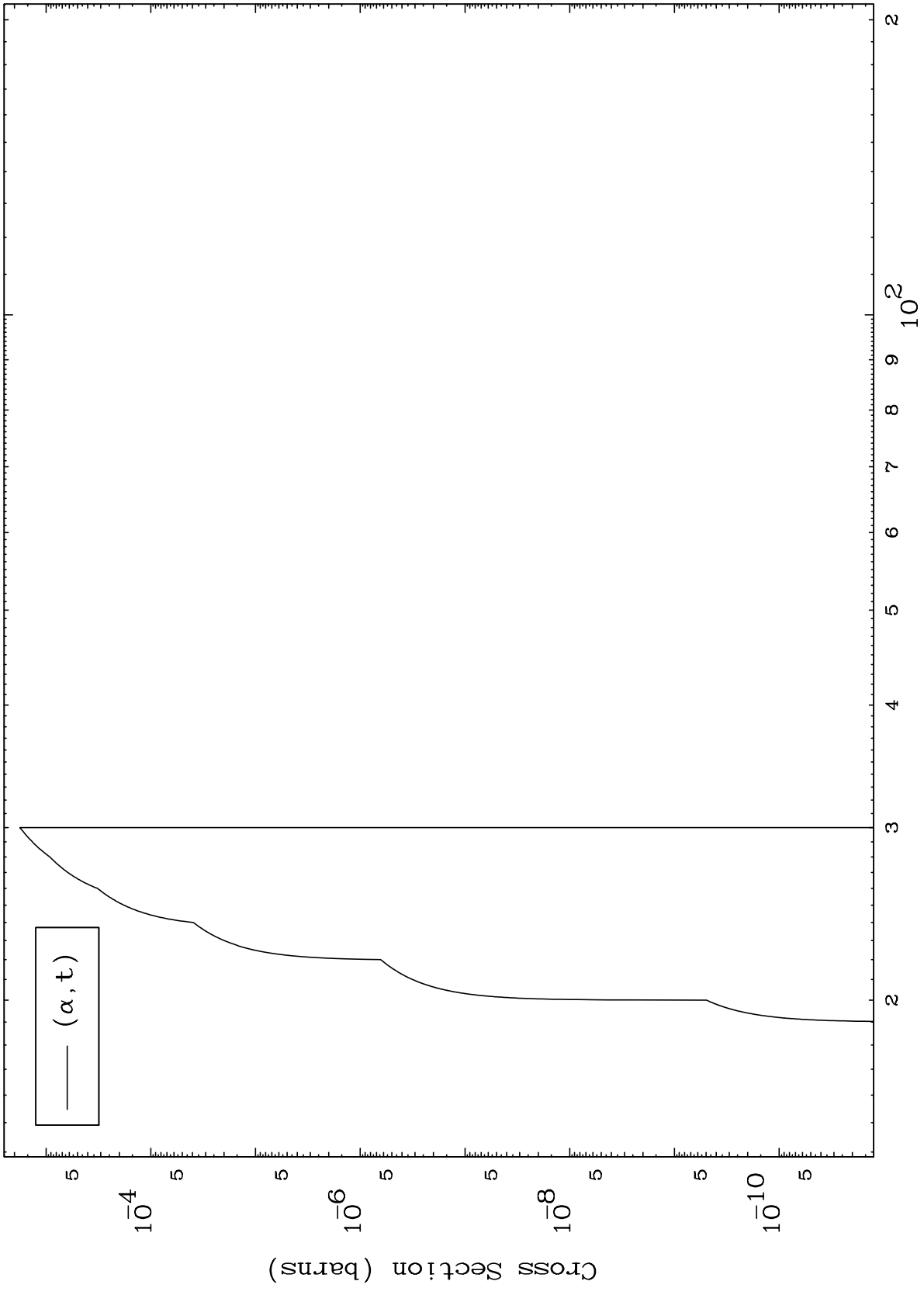
Incident Energy (MeV)

72-Hf-179

MAT 7240

(α, t) Levels
0 Kelvin Cross Sections

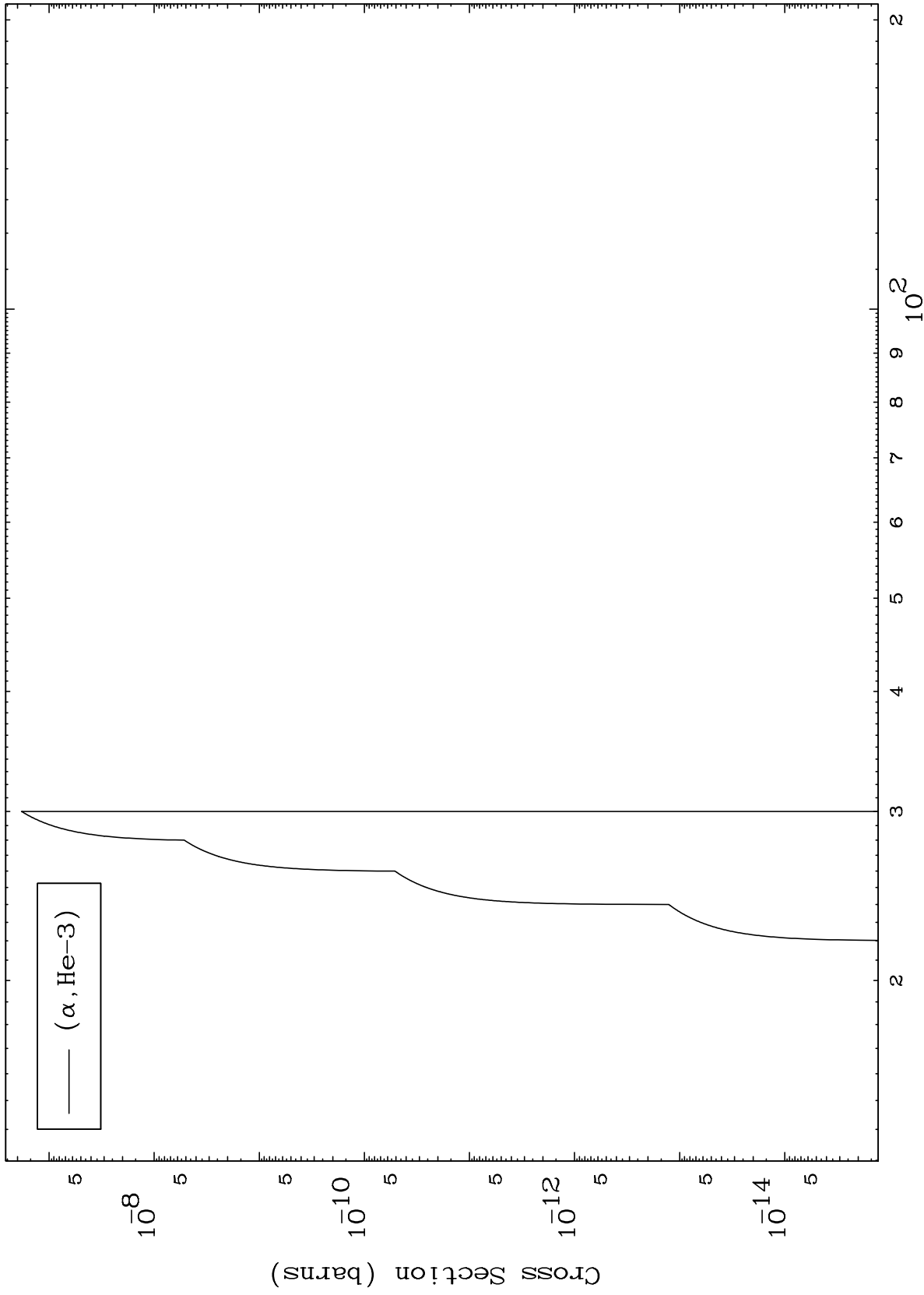
72-Hf-179



8

Incident Energy (MeV)

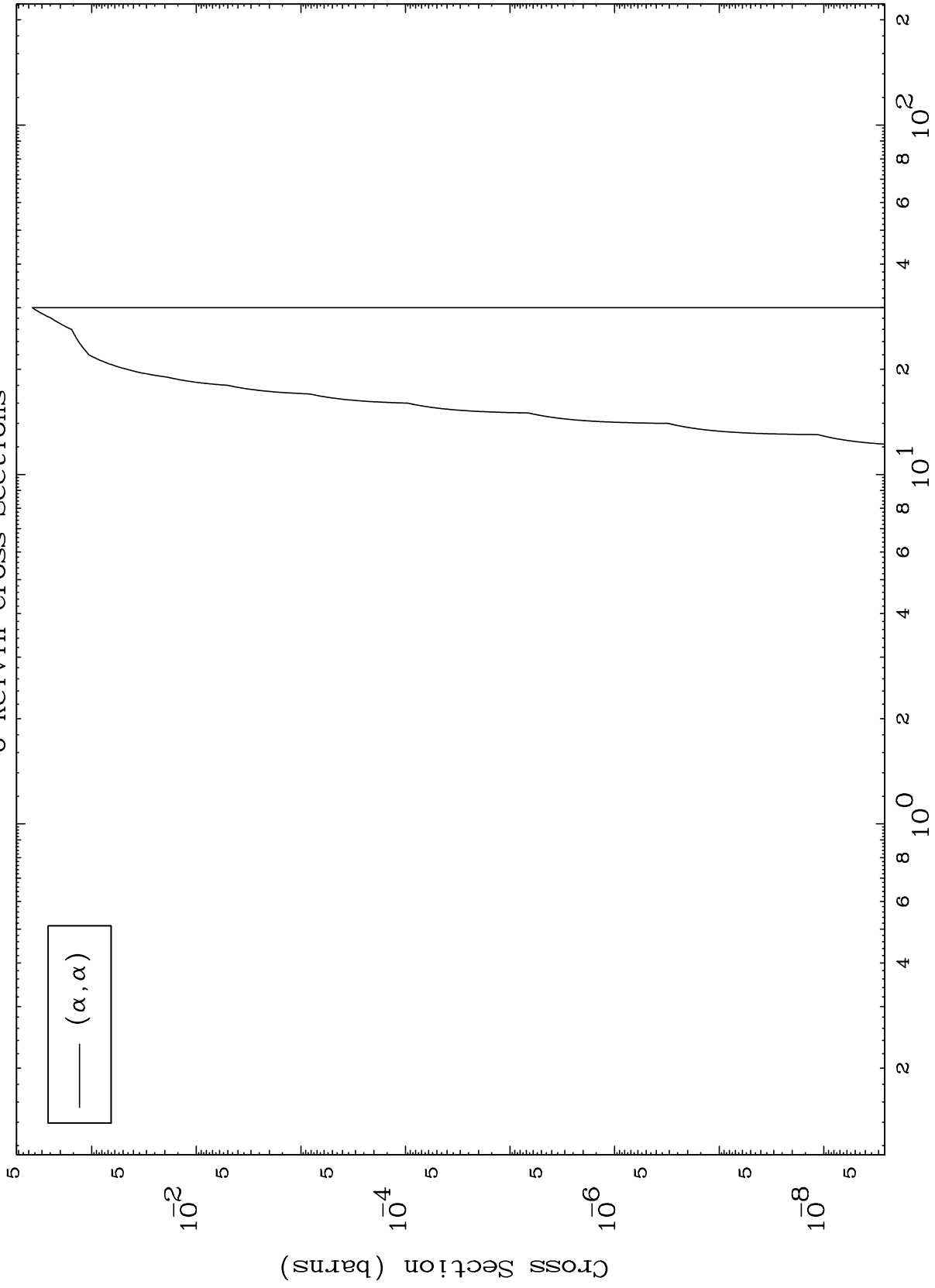
72-Hf-179



MAT 7240

(α, α) Levels
0 Kelvin Cross Sections

72-Hf-179



10

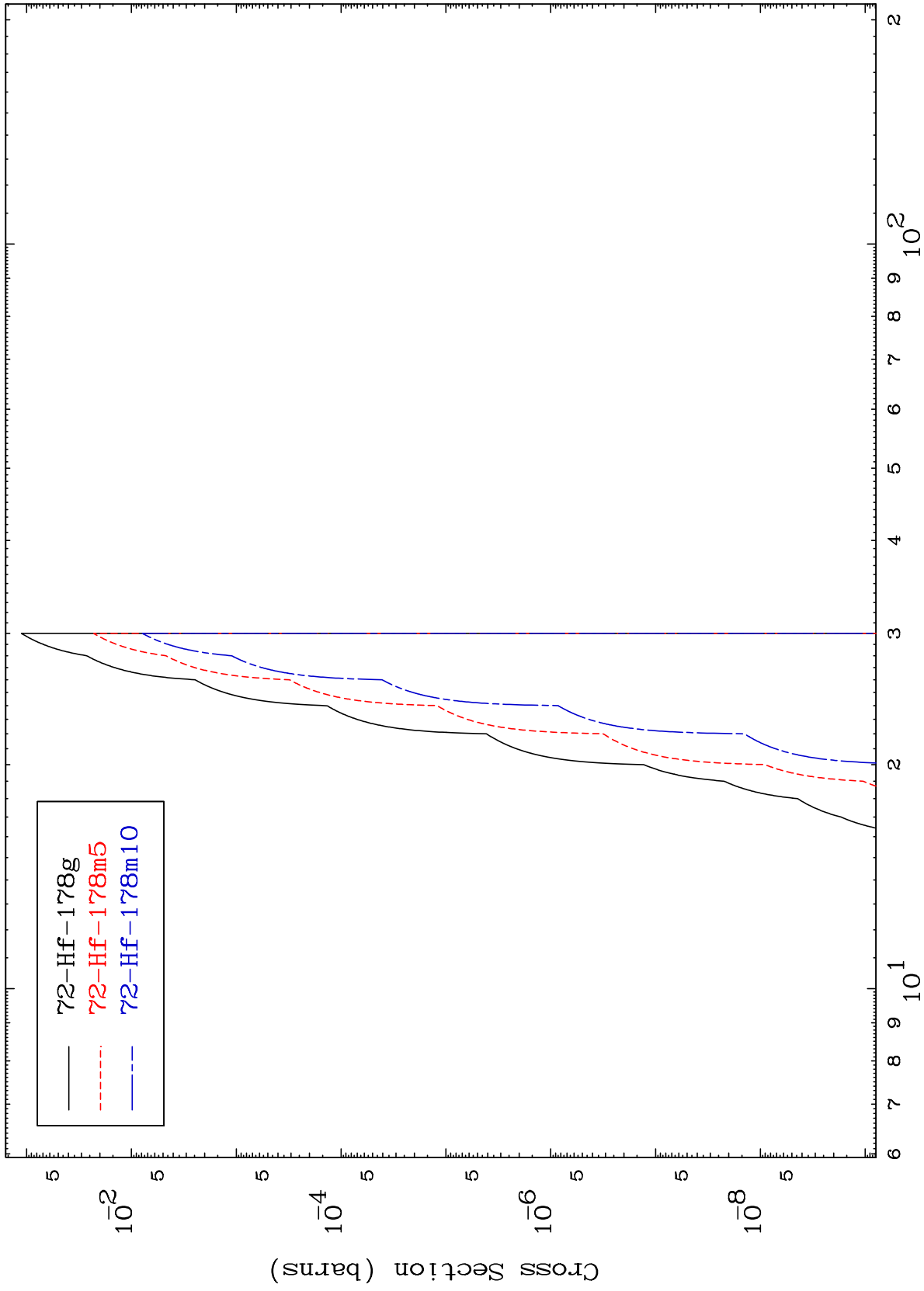
Incident Energy (MeV)

72-Hf-179

MAT 7240

72-Hf-179

(α, n') α
Radionuclide Production Cross Section



11

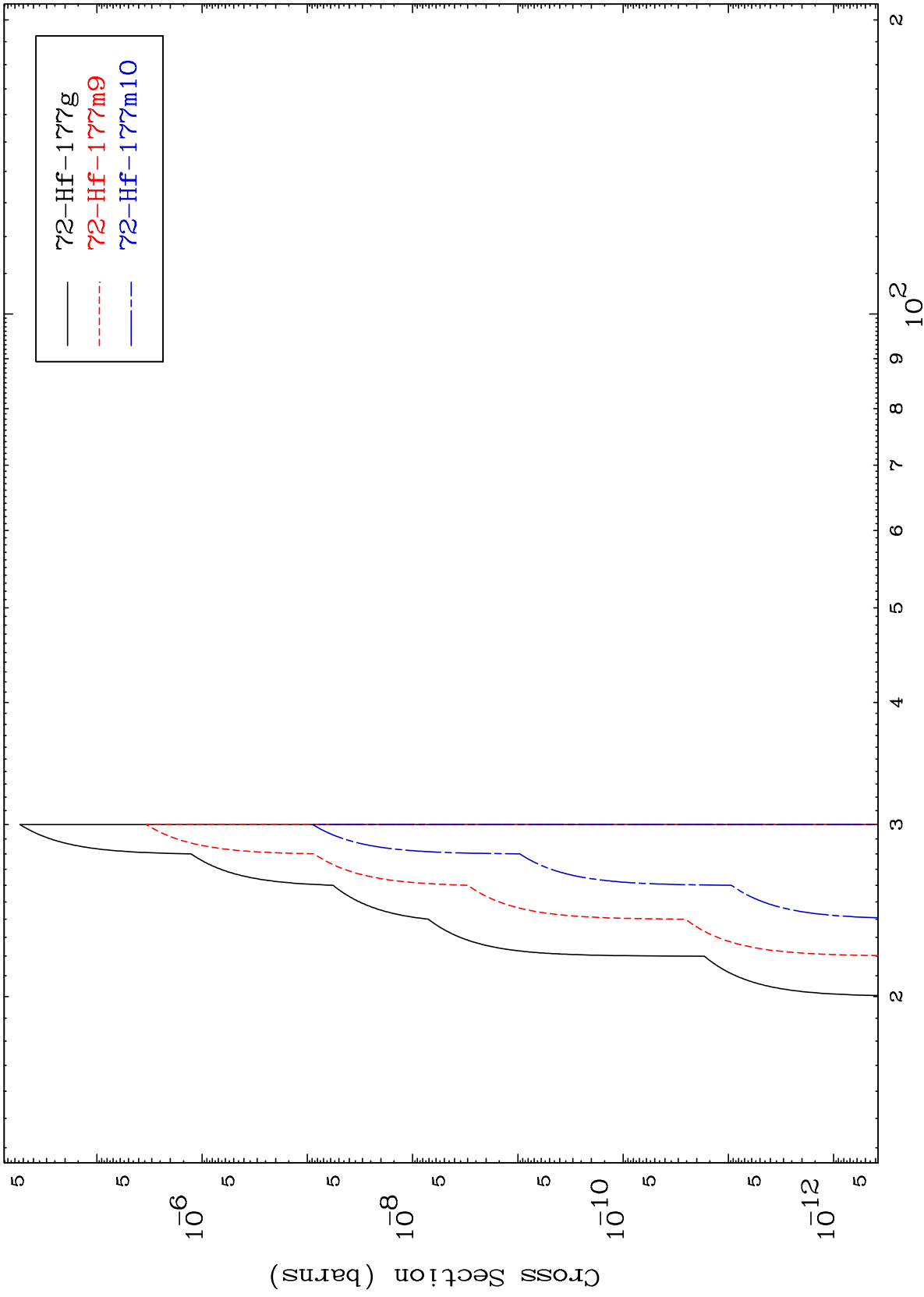
72-Hf-179

MAT 7240

$(\alpha, 2n) \alpha$

72-Hf-179

Radionuclide Production Cross Section



12

Incident Energy (MeV)

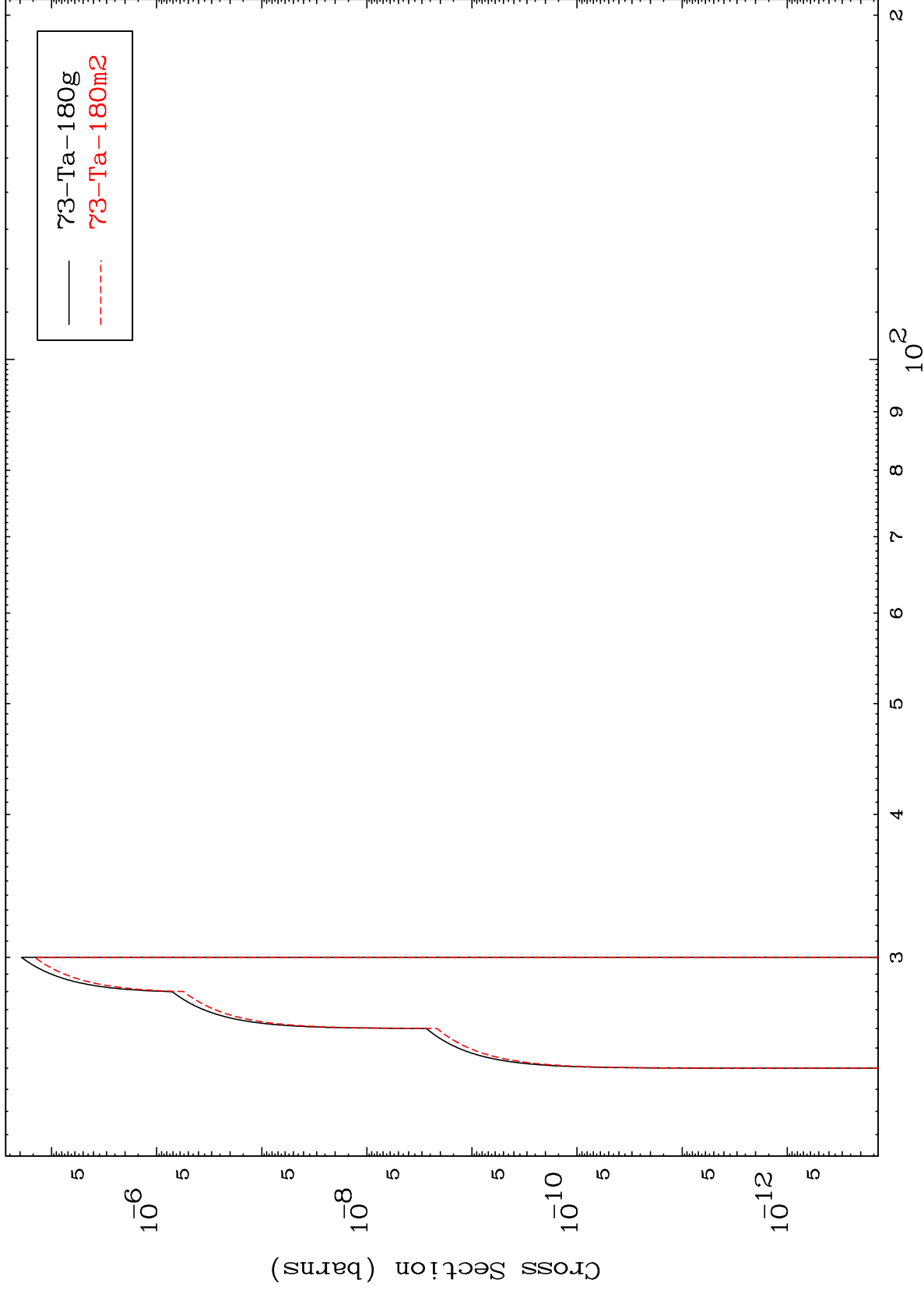
72-Hf-179

MAT 7240

(α, n') d

72-Hf-179

Radionuclide Production Cross Section



13

Incident Energy (MeV)

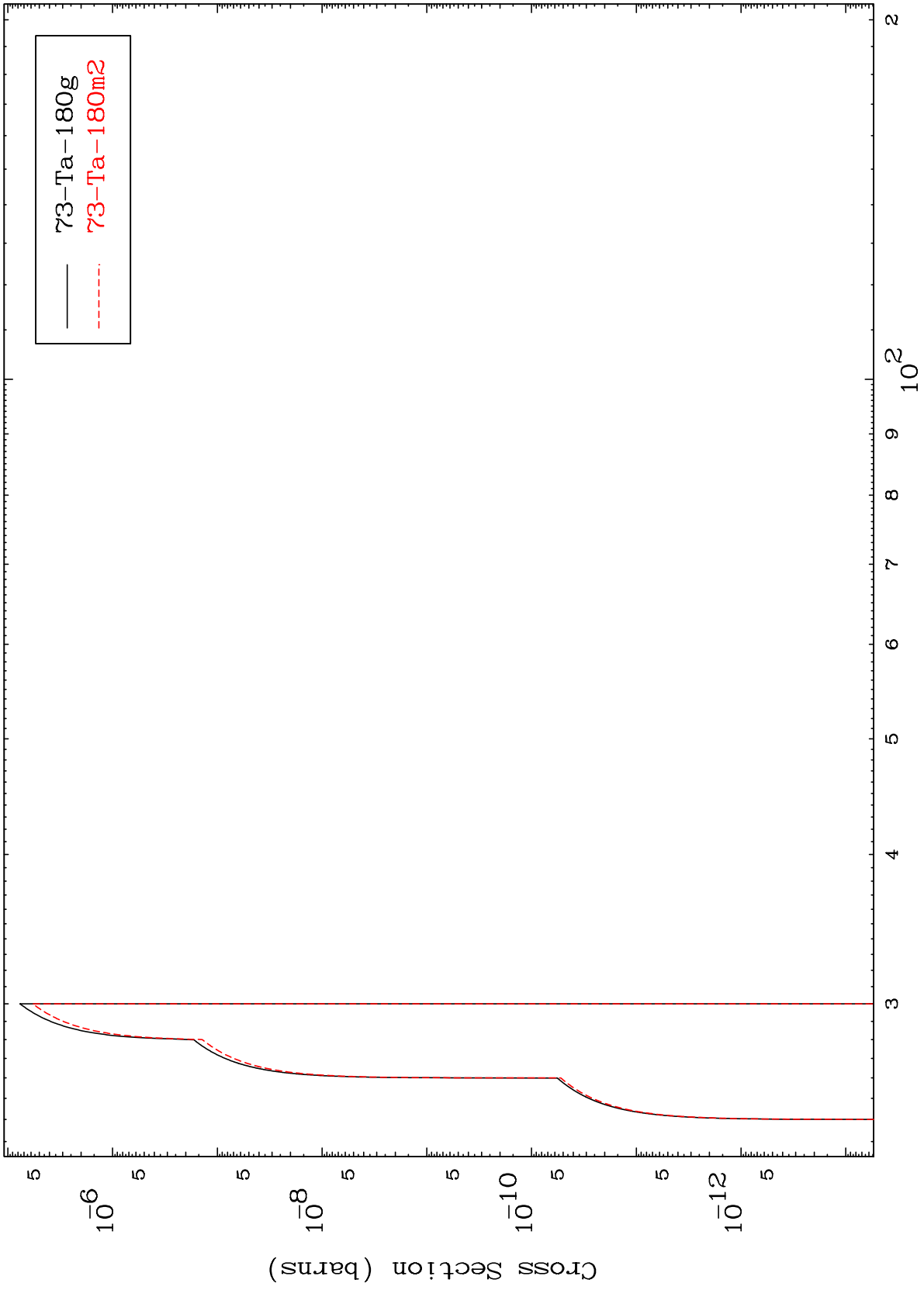
72-Hf-179

MAT 7240

($\alpha, 2n$) p

72-Hf-179

Radionuclide Production Cross Section



14

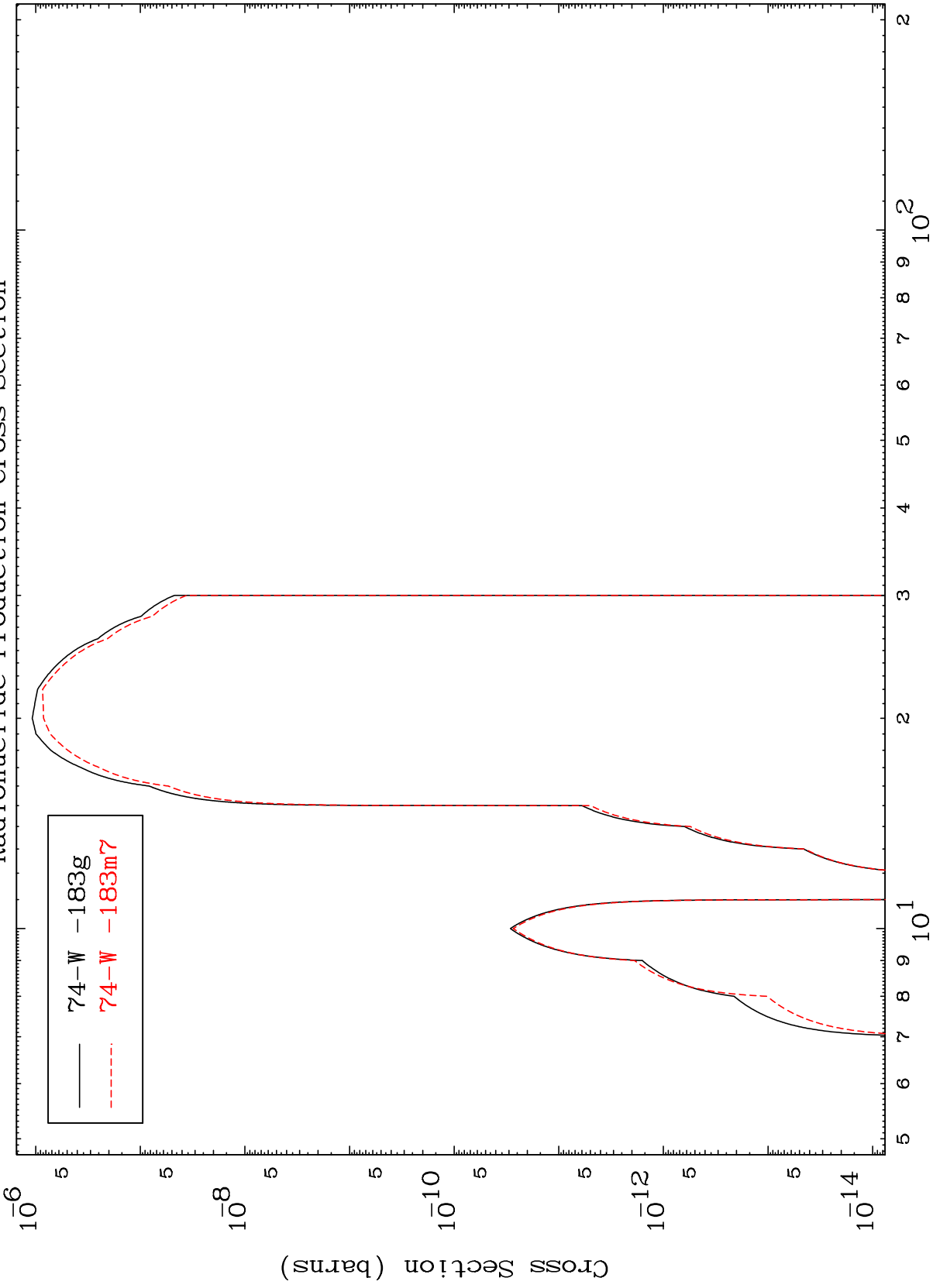
Incident Energy (MeV)

72-Hf-179

MAT 7240

72-Hf-179

Radionuclide Production Cross Section (α, γ)



15

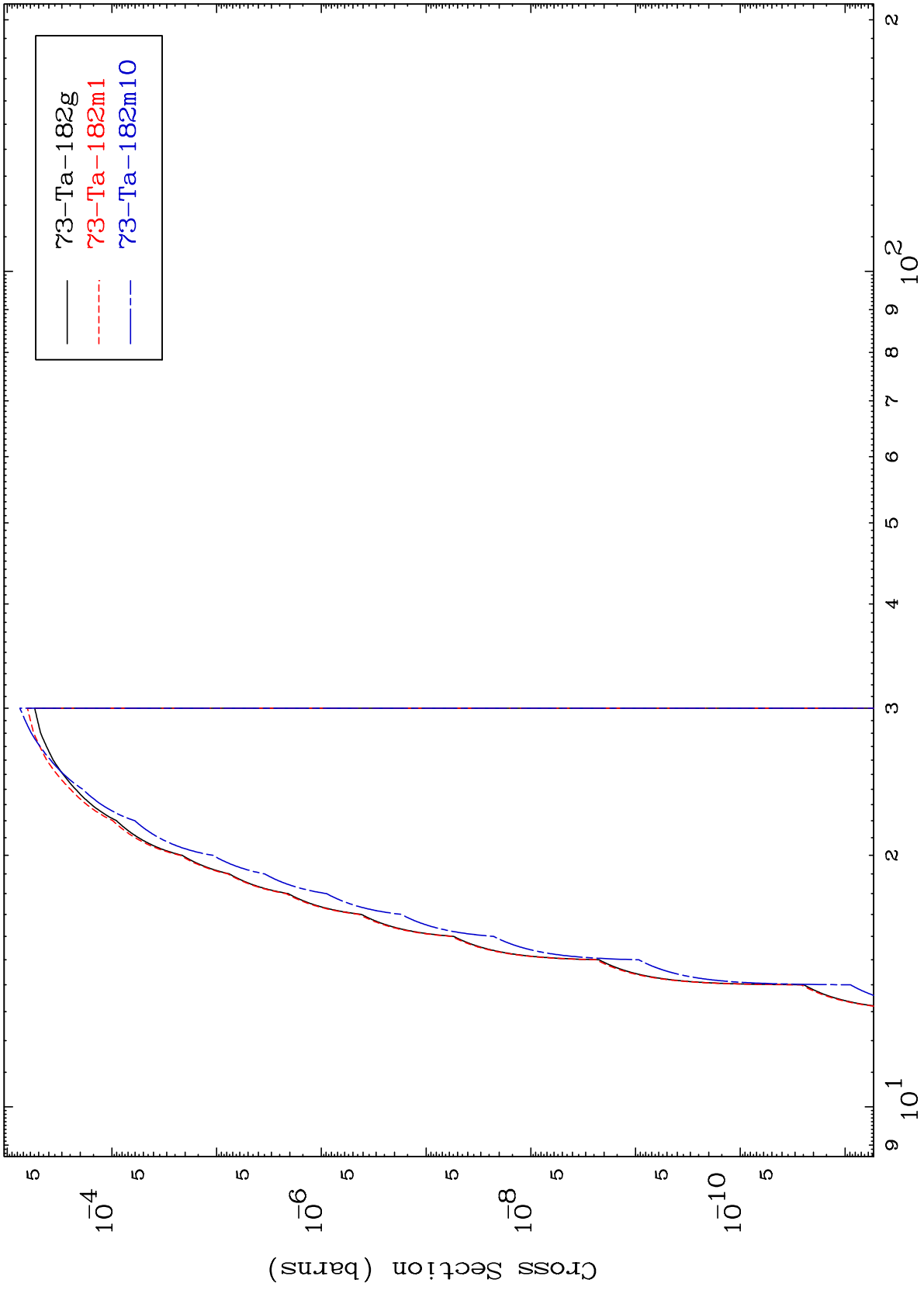
Incident Energy (MeV)

72-Hf-179

MAT 7240

72-Hf-179

Radionuclide Production Cross Section
(α, p)



16

Incident Energy (MeV)

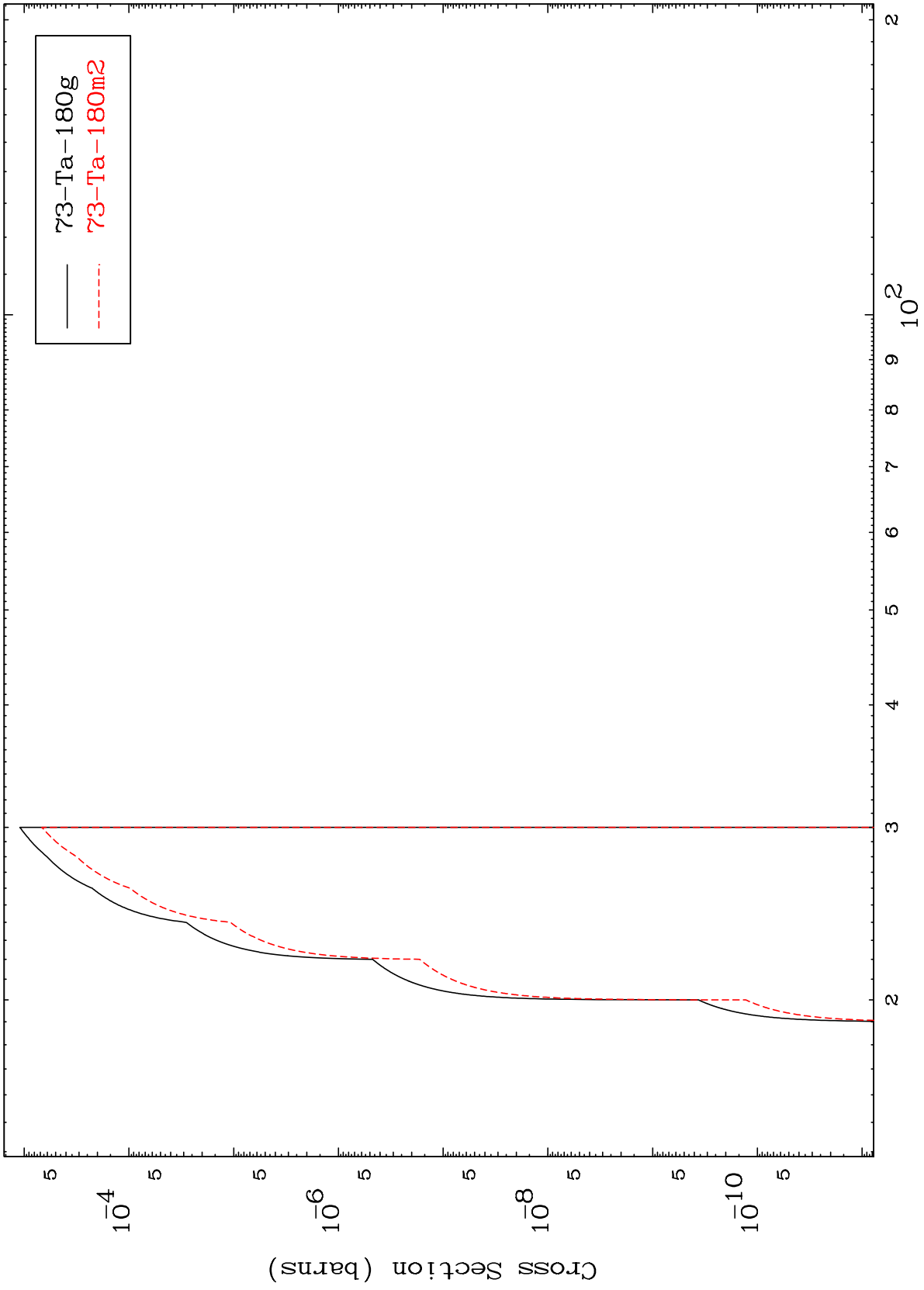
72-Hf-179

MAT 7240

(α, t)

72-Hf-179

Radionuclide Production Cross Section



17

Incident Energy (MeV)

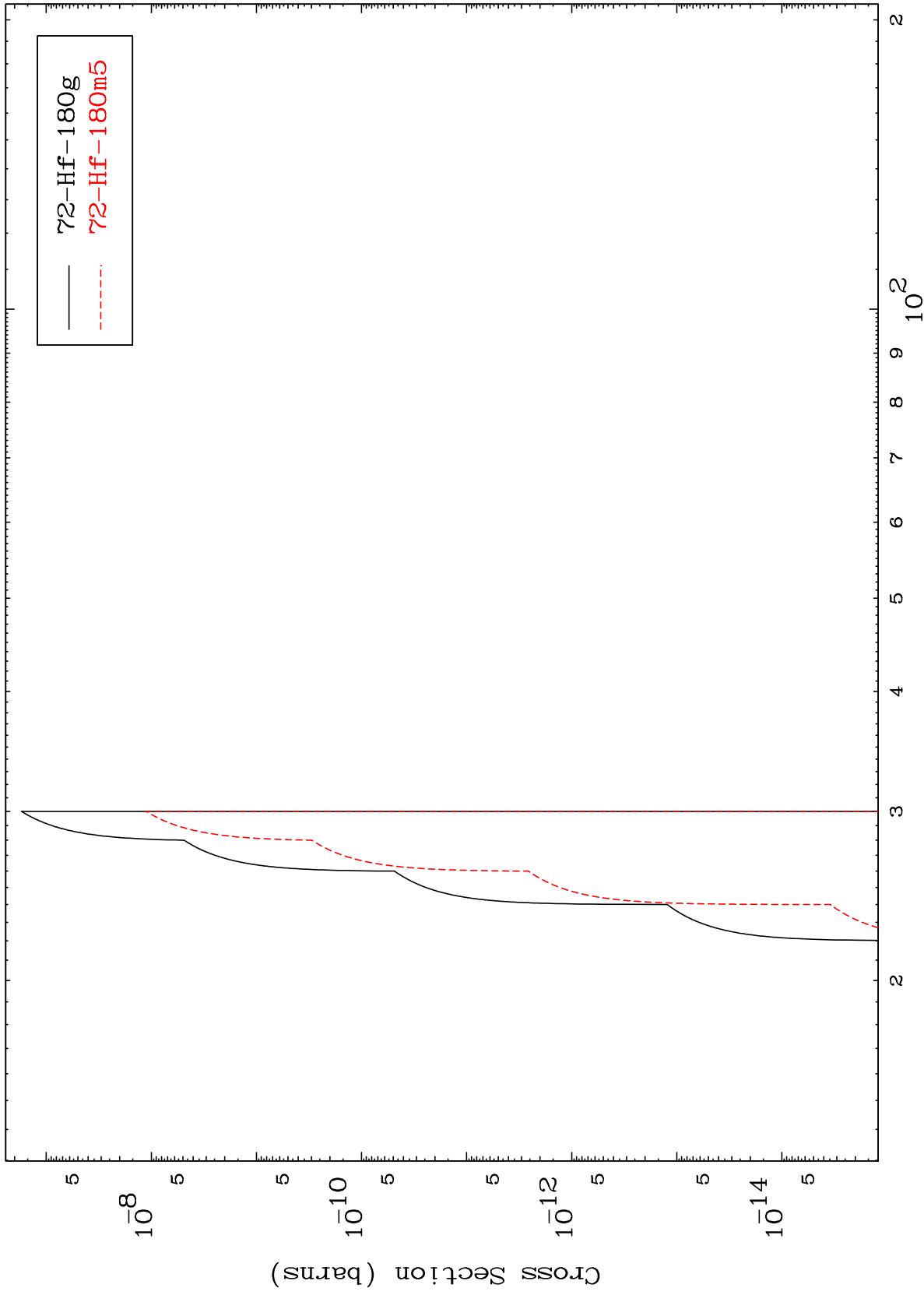
72-Hf-179

MAT 7240

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

72-Hf-179

Radionuclide Production Cross Section



18

Incident Energy (MeV)

72-Hf-179

MAT 7240

(α, α)

⁷²Hf-179

Radionuclide Production Cross Section

