

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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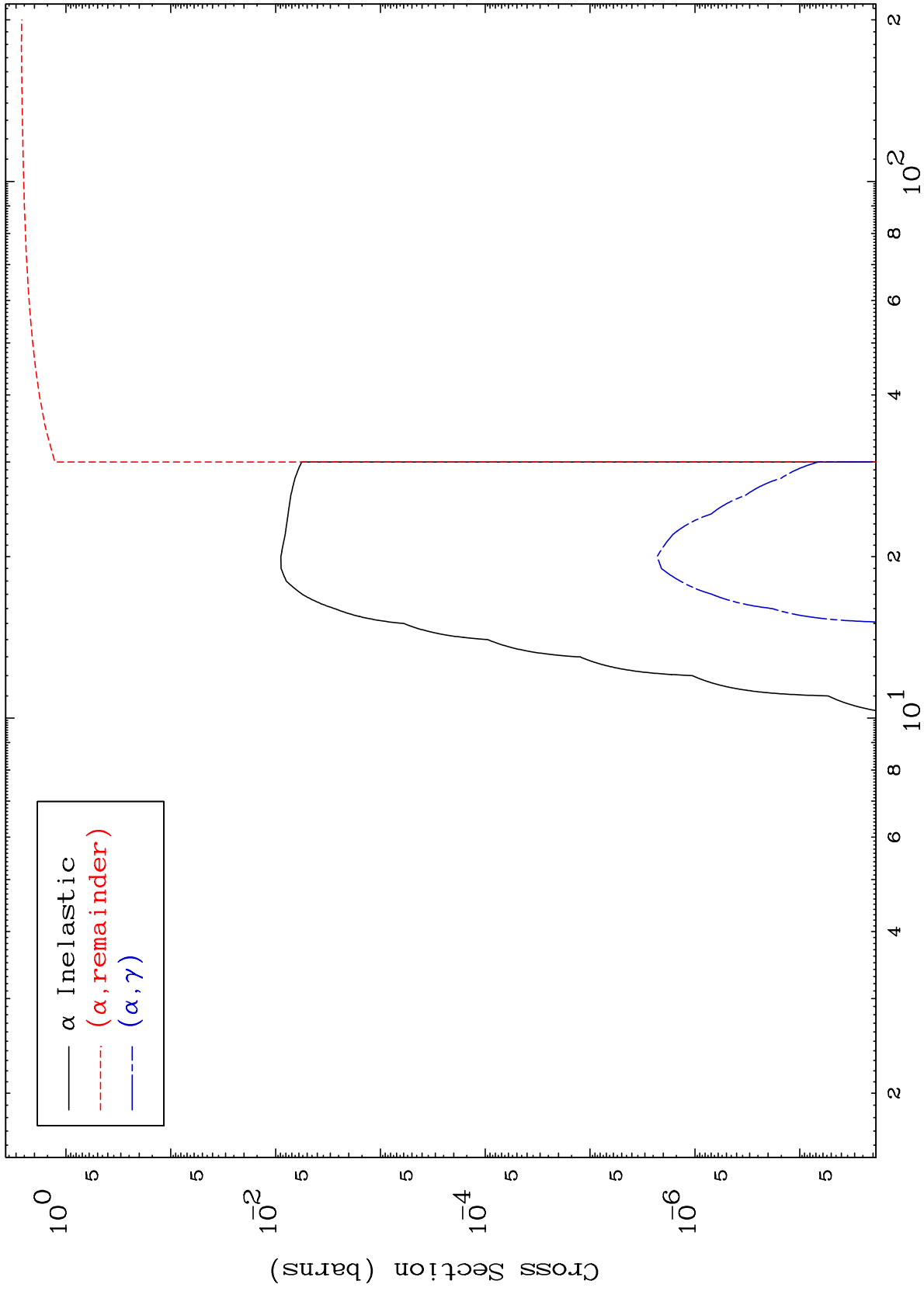
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

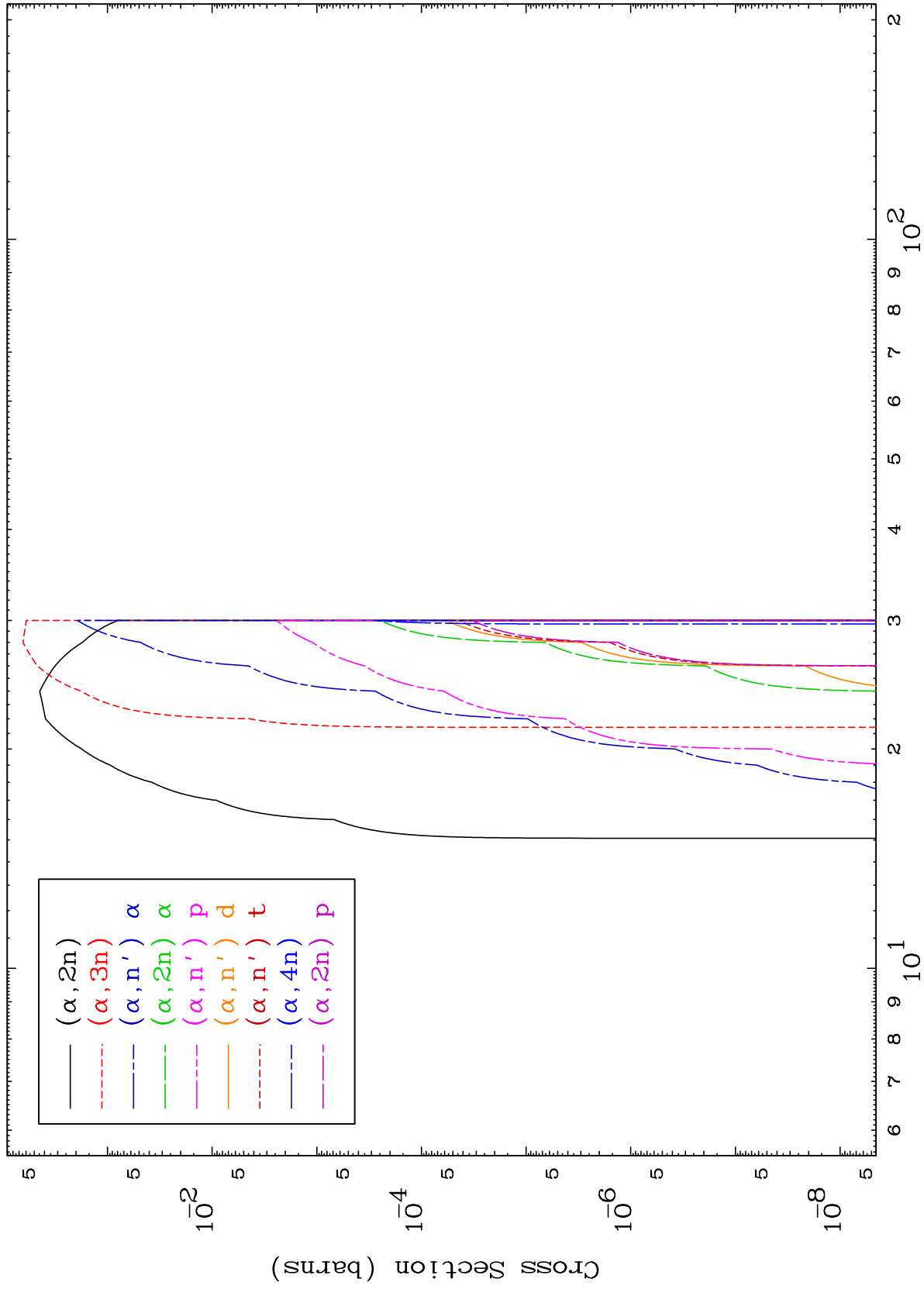
Press Mouse Button to Start

MAT 7246

0 Kelvin α Major
Cross Sections

72-Hf-181

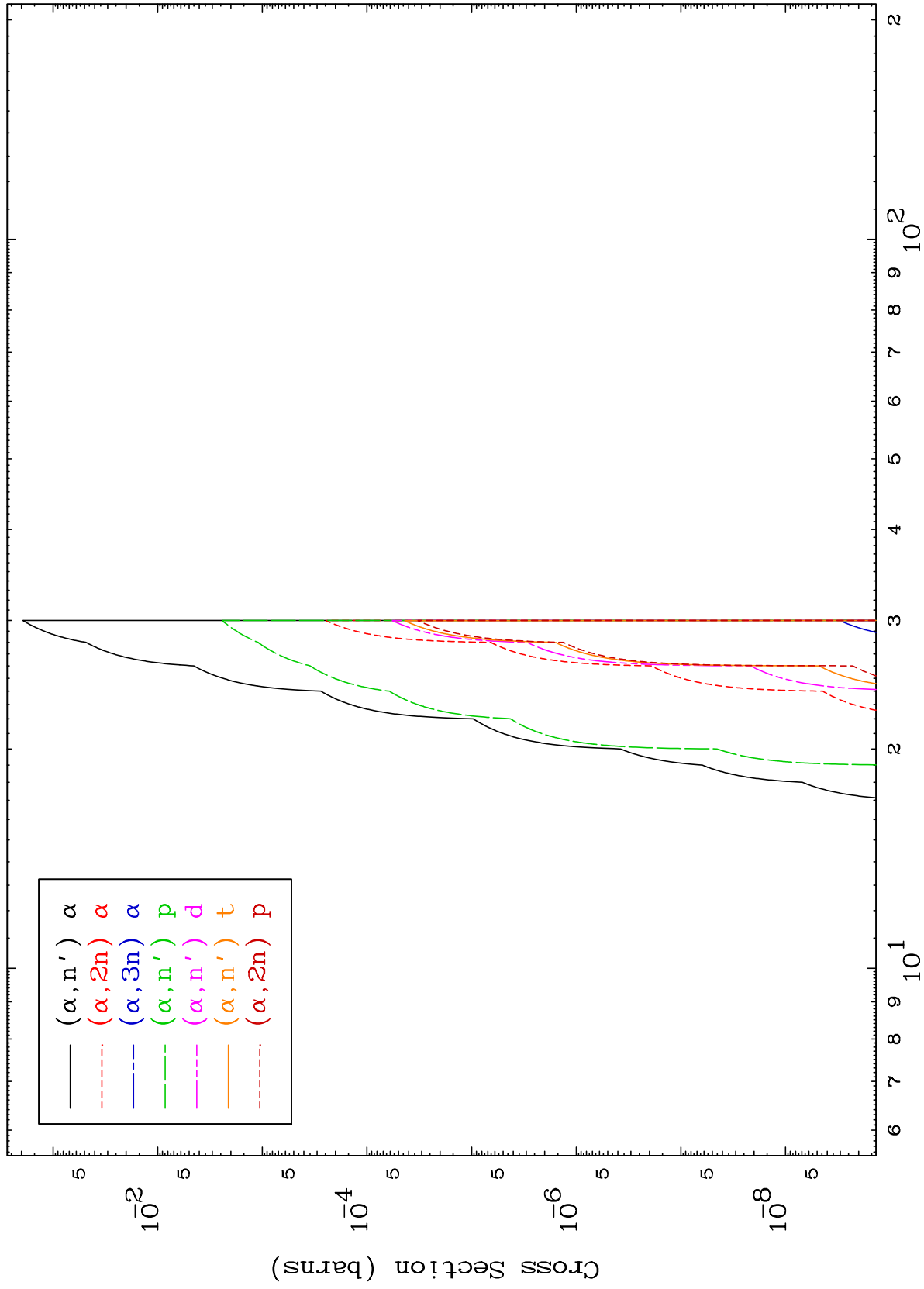




MAT 7246

α Charged Particle
0 Kelvin Cross Sections

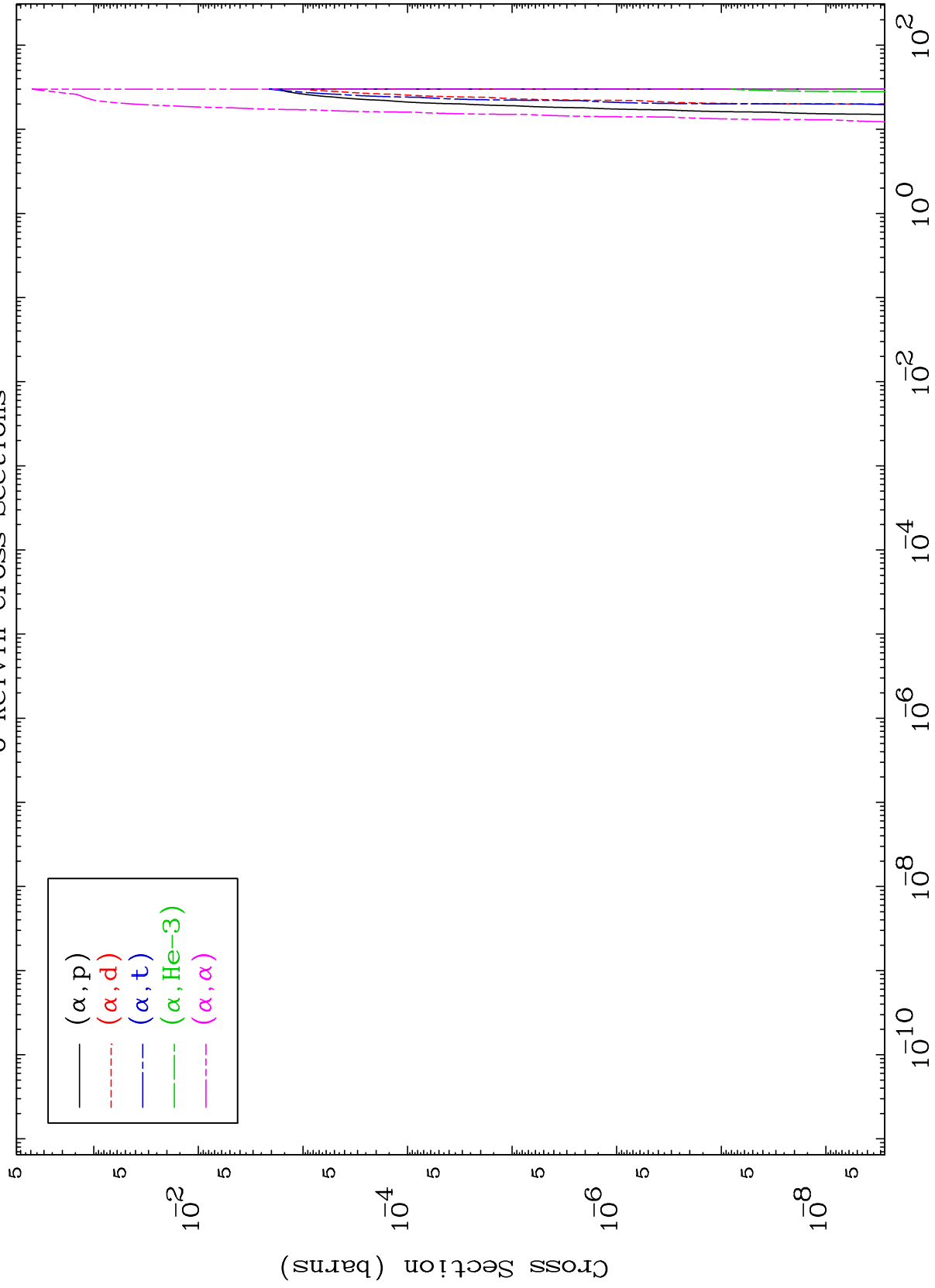
72-Hf-181



3

Incident Energy (MeV)

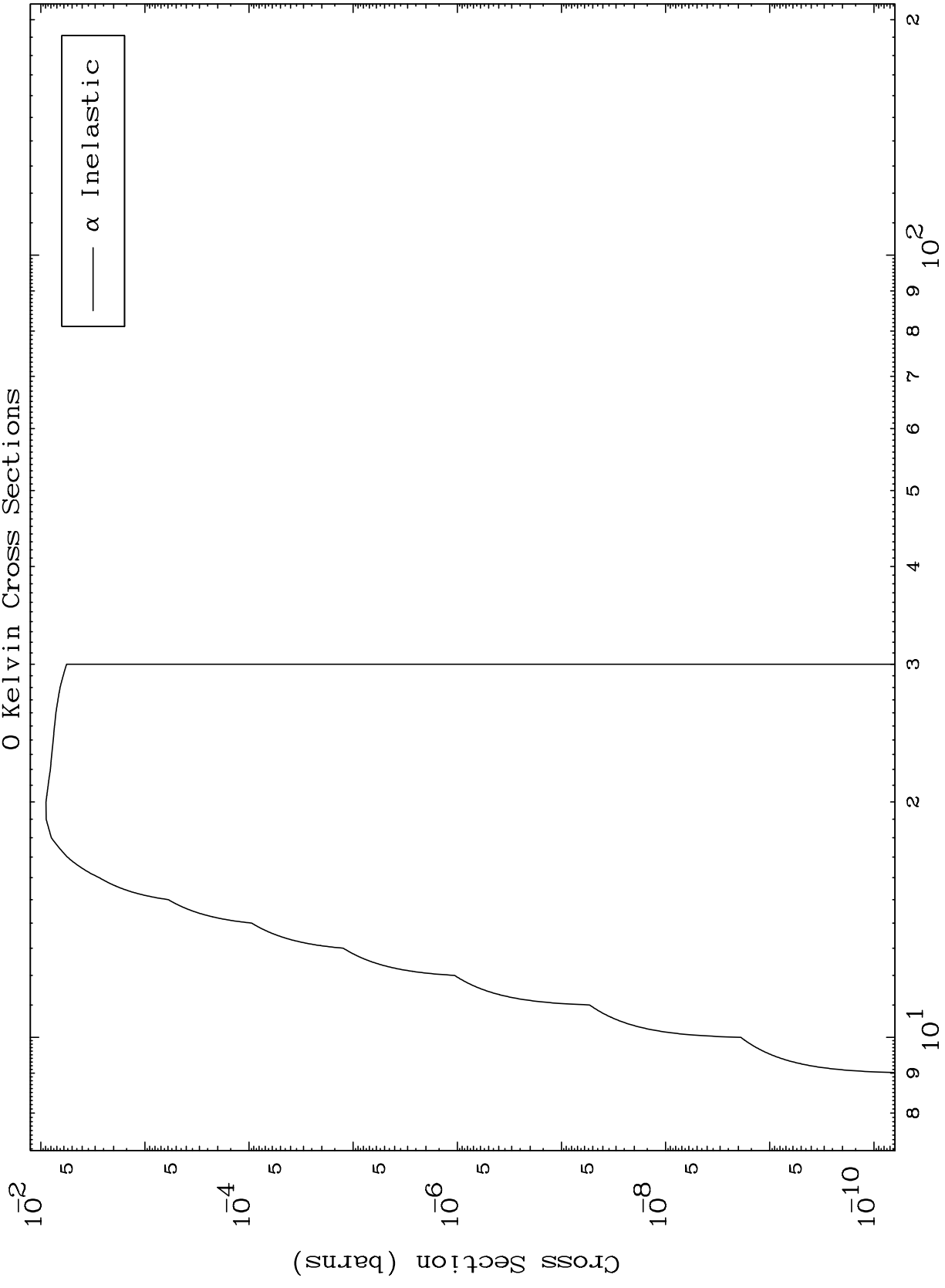
72-Hf-181



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(α, n') Level
0 Kelvin Cross Sections

72-Hf-181



5

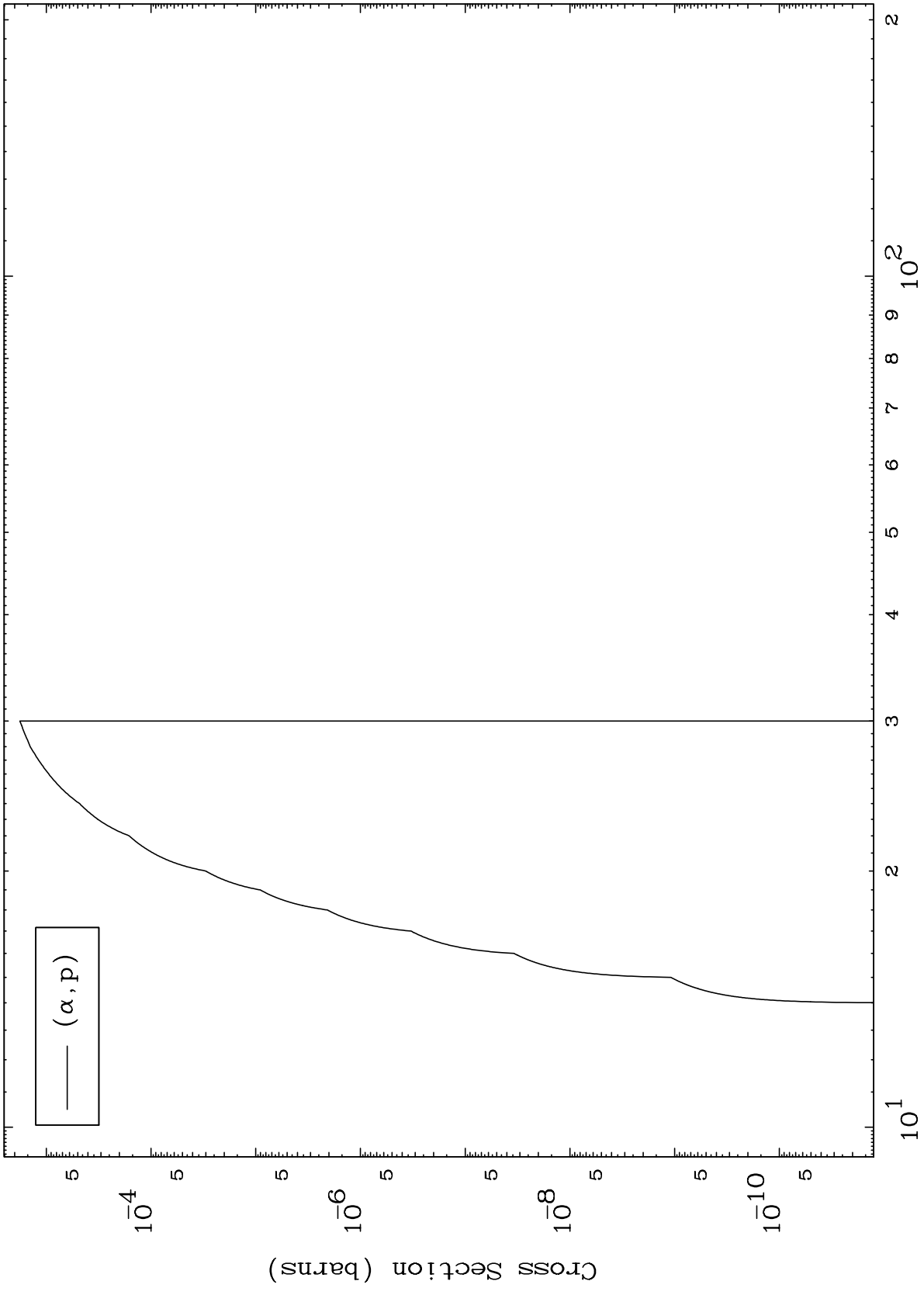
Incident Energy (MeV)

72-Hf-181

MAT 7246

(α, p) Levels
0 Kelvin Cross Sections

72-Hf-181



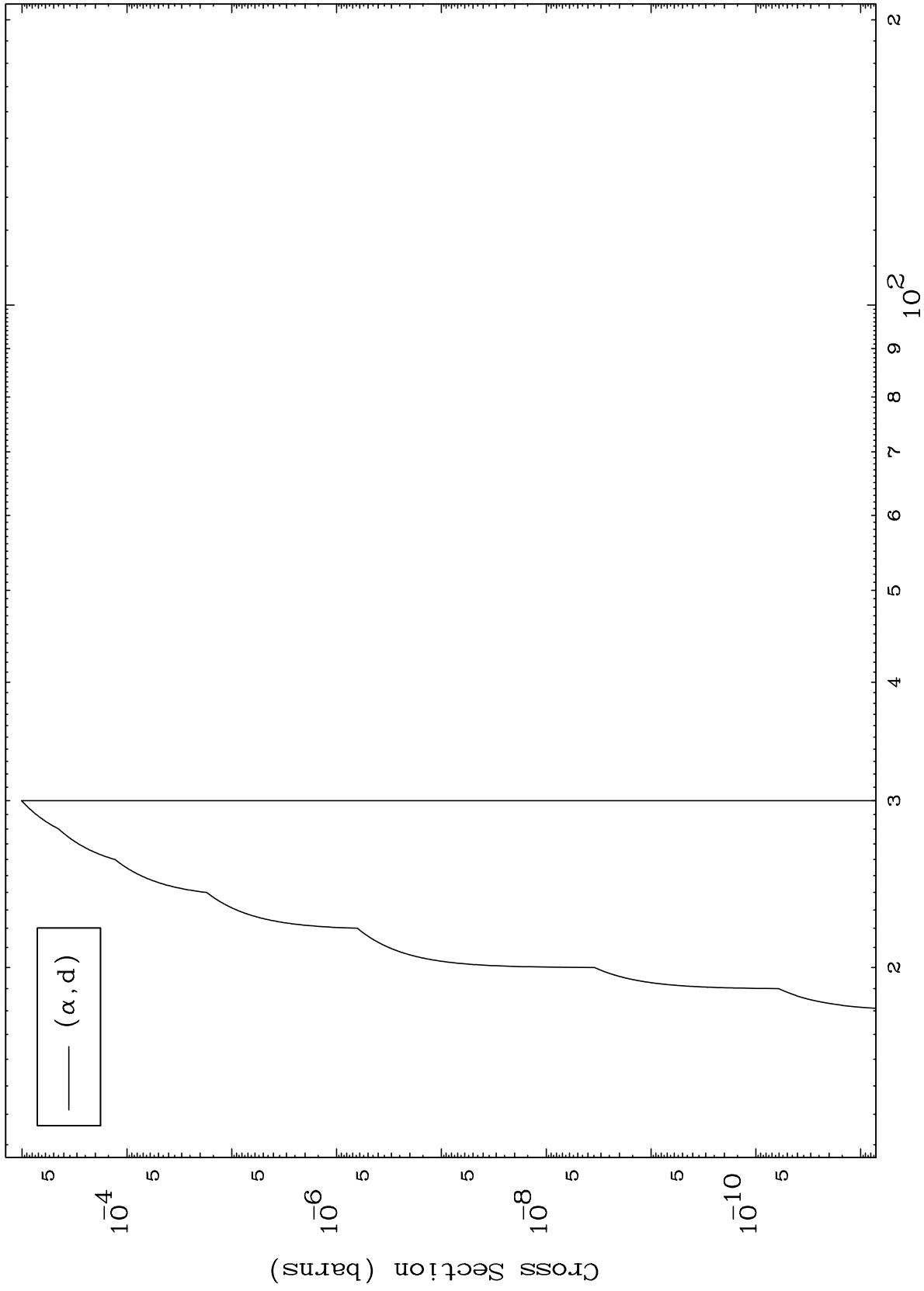
Incident Energy (MeV)

72-Hf-181

MAT 7246

(α, d) Levels
0 Kelvin Cross Sections

72-Hf-181



7

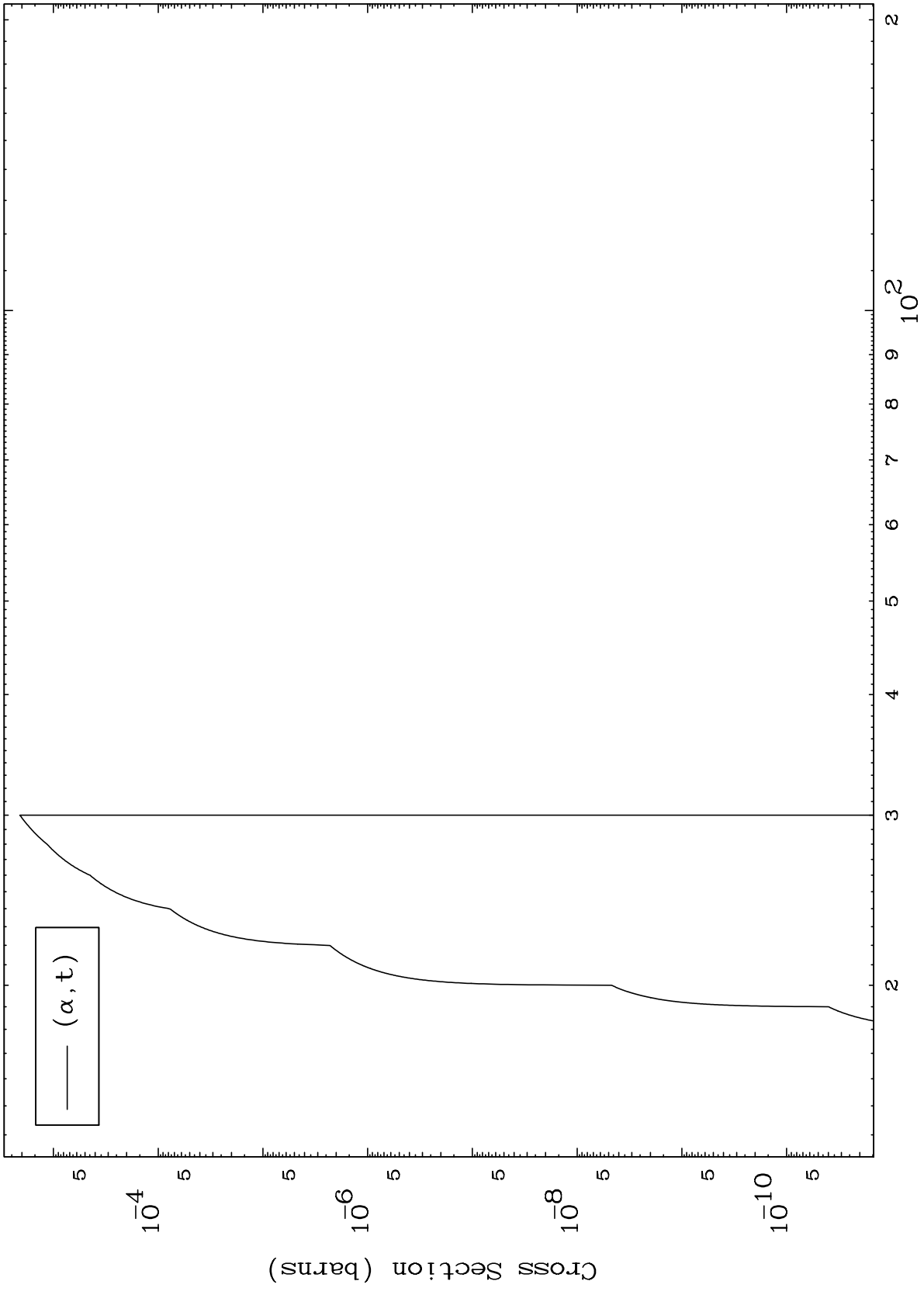
Incident Energy (MeV)

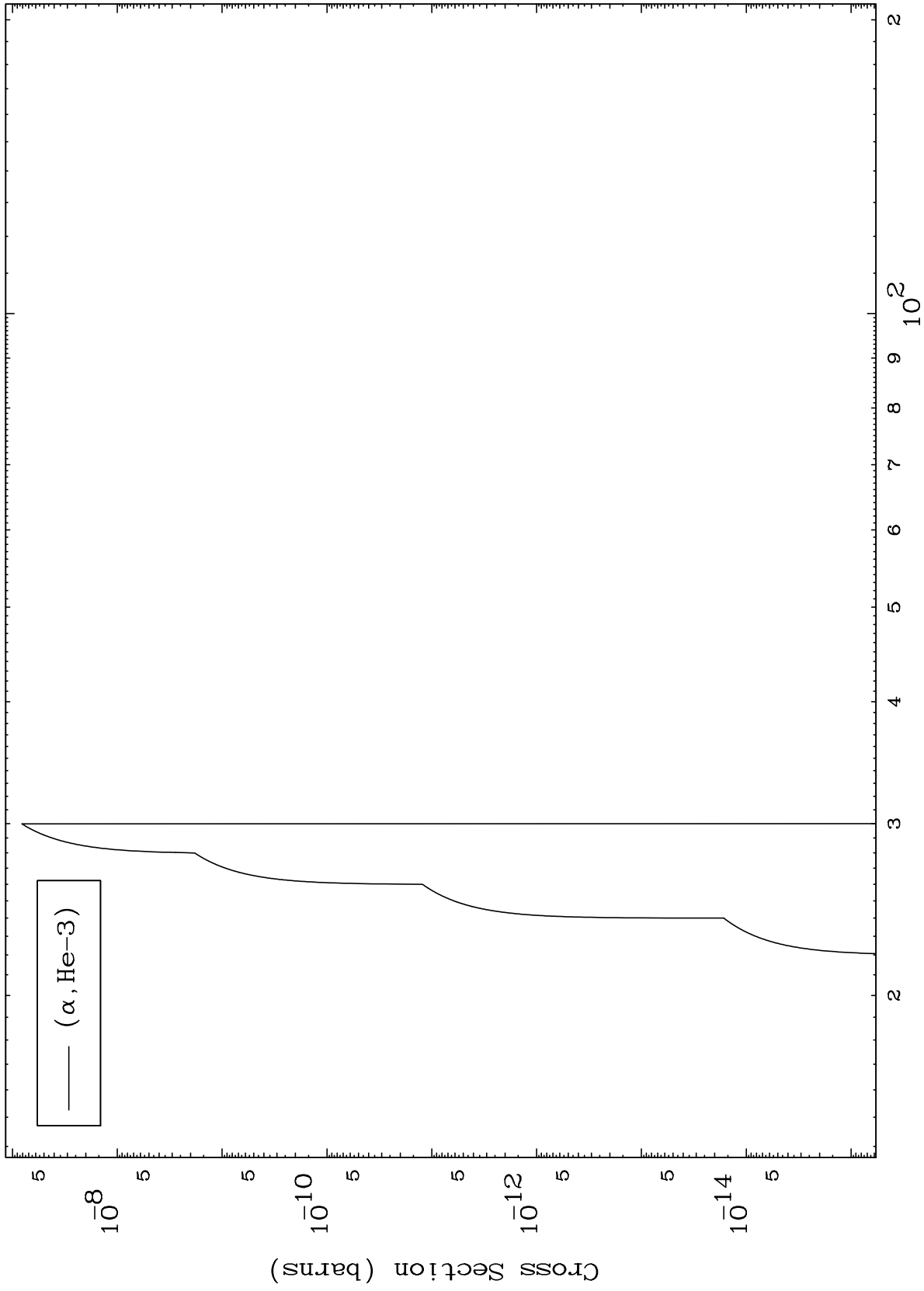
72-Hf-181

MAT 7246

(α, t) Levels
0 Kelvin Cross Sections

72-Hf-181

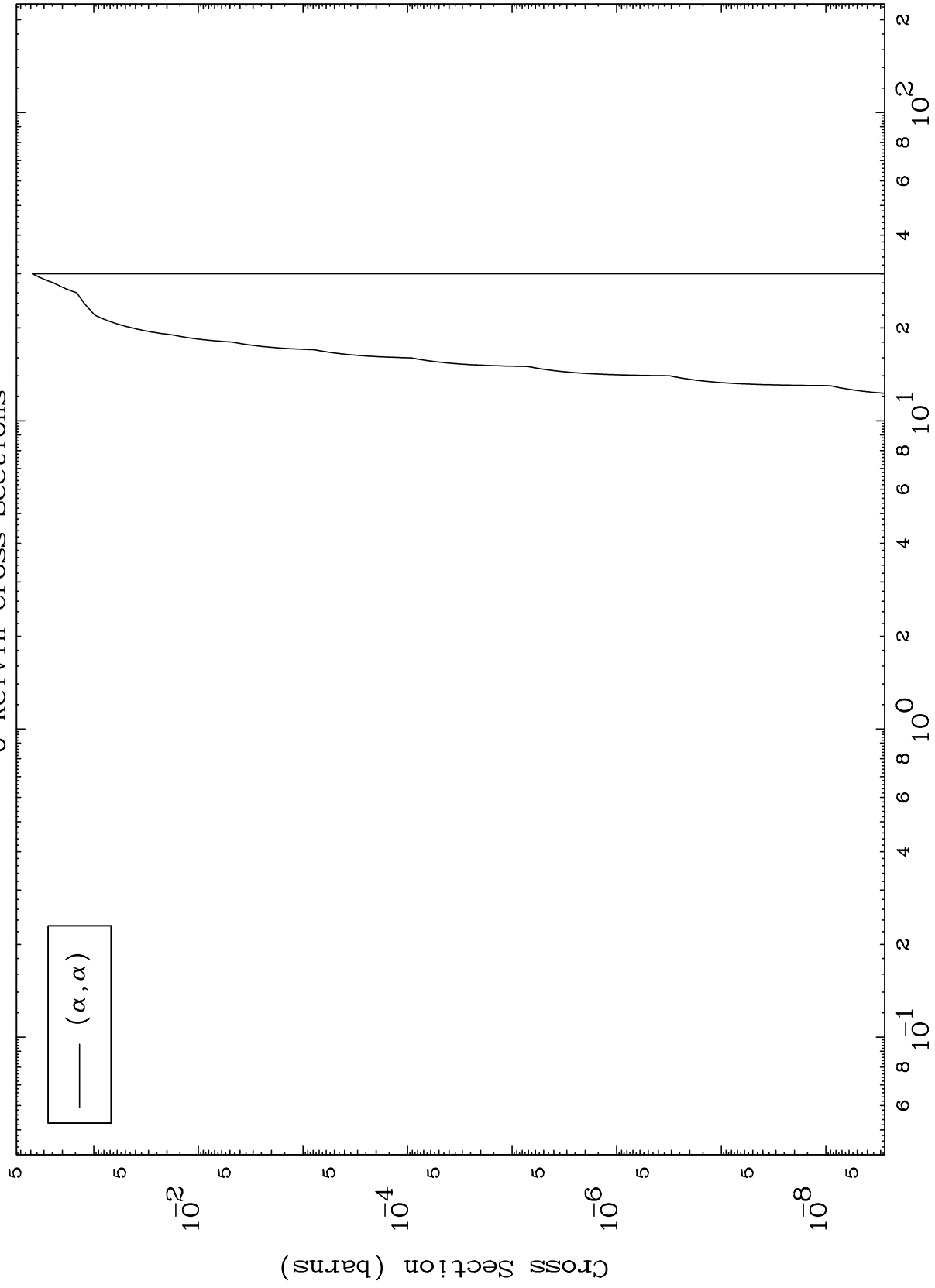




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(α, α) Levels
0 Kelvin Cross Sections

72-Hf-181

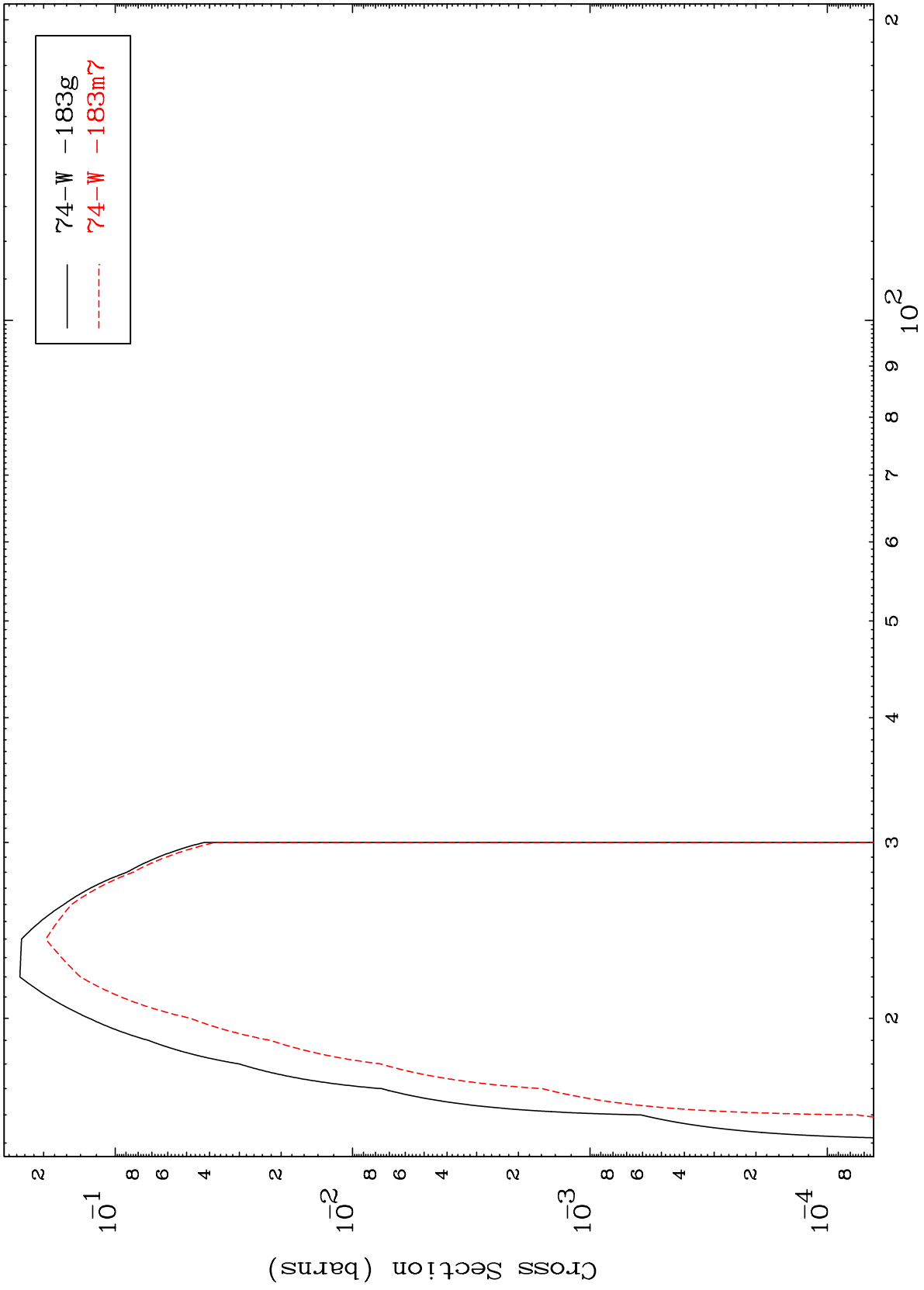


10

Incident Energy (MeV)

72-Hf-181

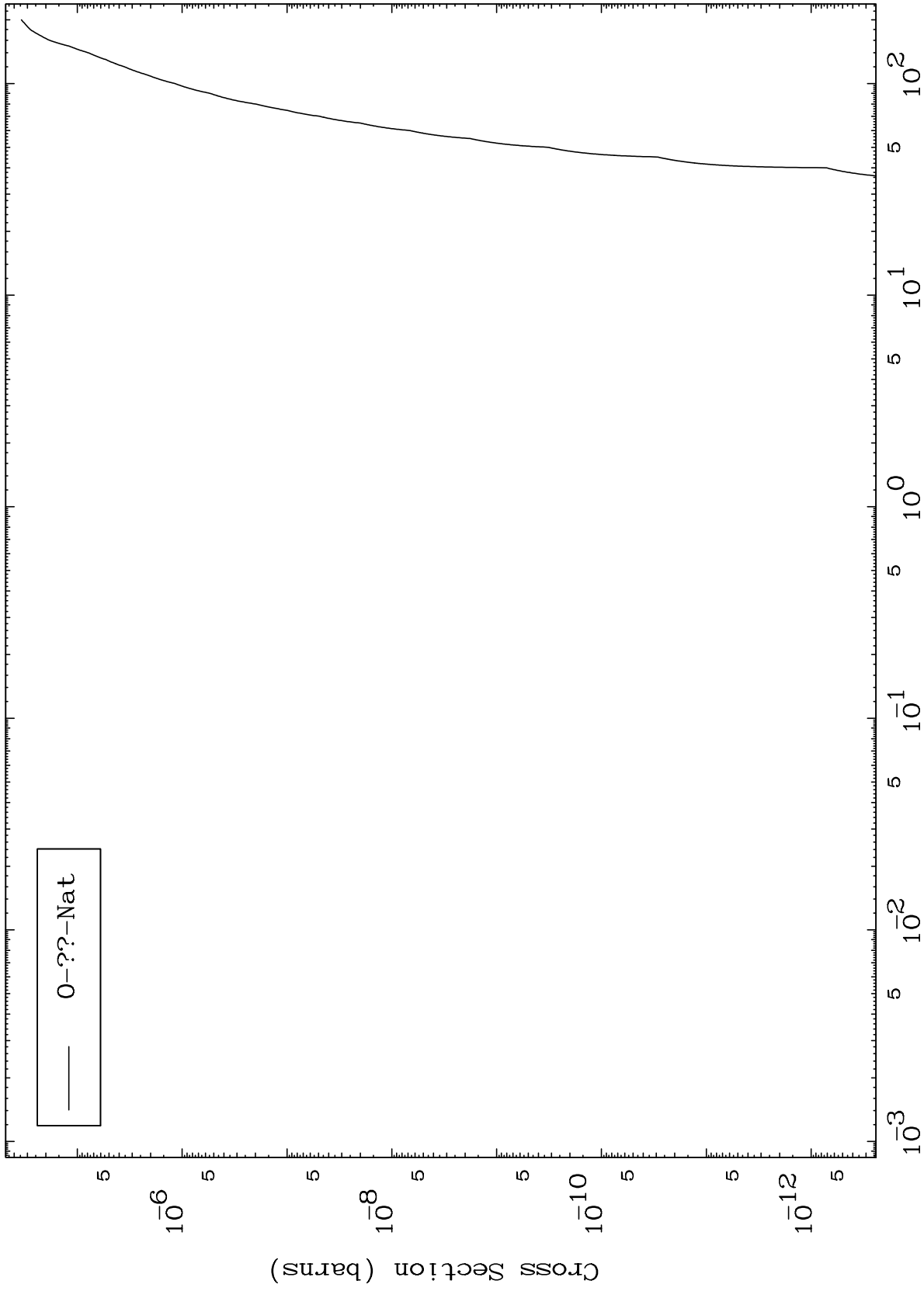
($\alpha, 2n$)
Radionuclide Production Cross Section



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α Fission
Radionuclide Production Cross Section

72-Hf-181



12

Incident Energy (MeV)

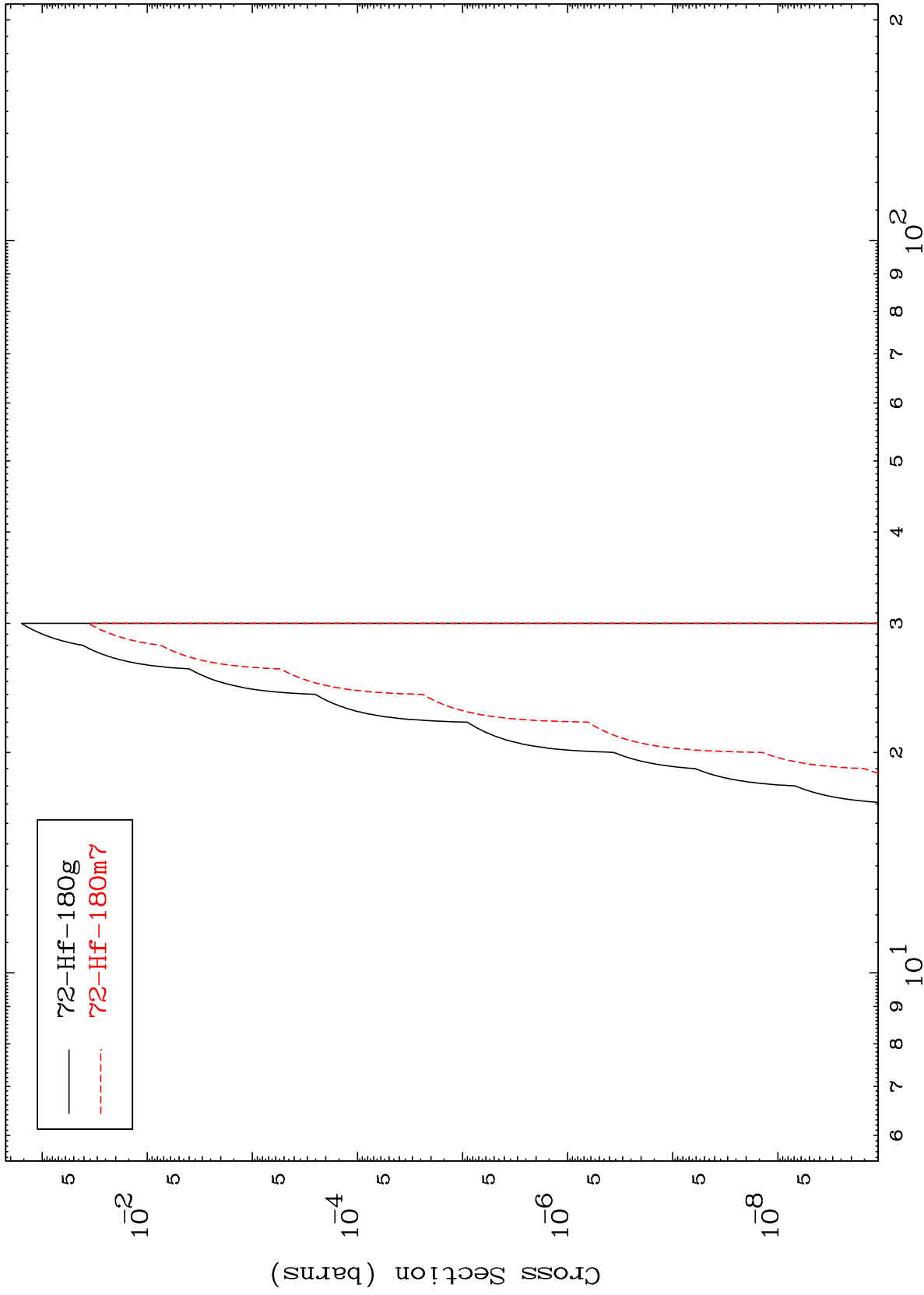
72-Hf-181

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(α, n') α

72-Hf-181

Radionuclide Production Cross Section



13

Incident Energy (MeV)

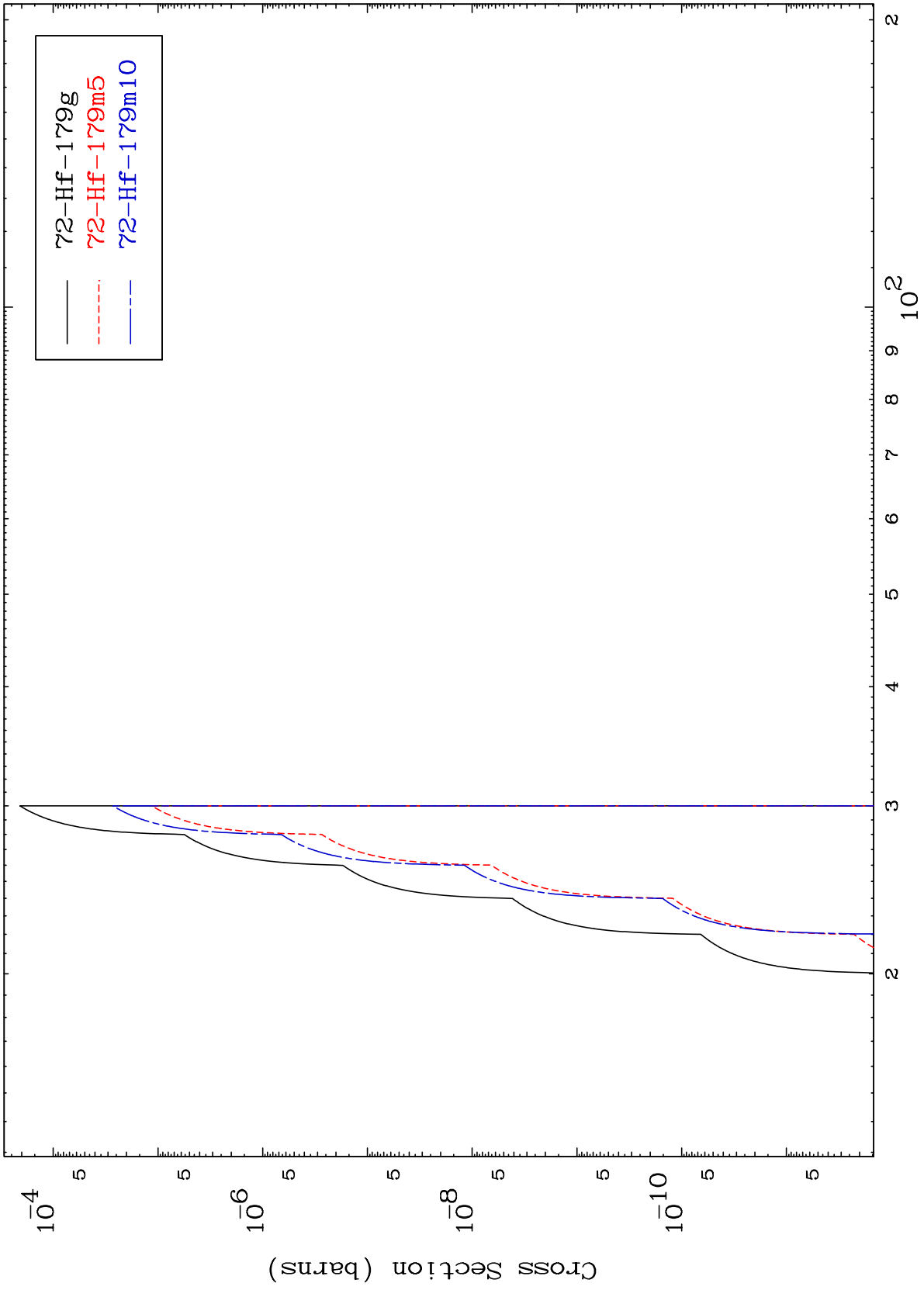
72-Hf-181

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$(\alpha, 2n) \alpha$

72-Hf-181

Radionuclide Production Cross Section



14

Incident Energy (MeV)

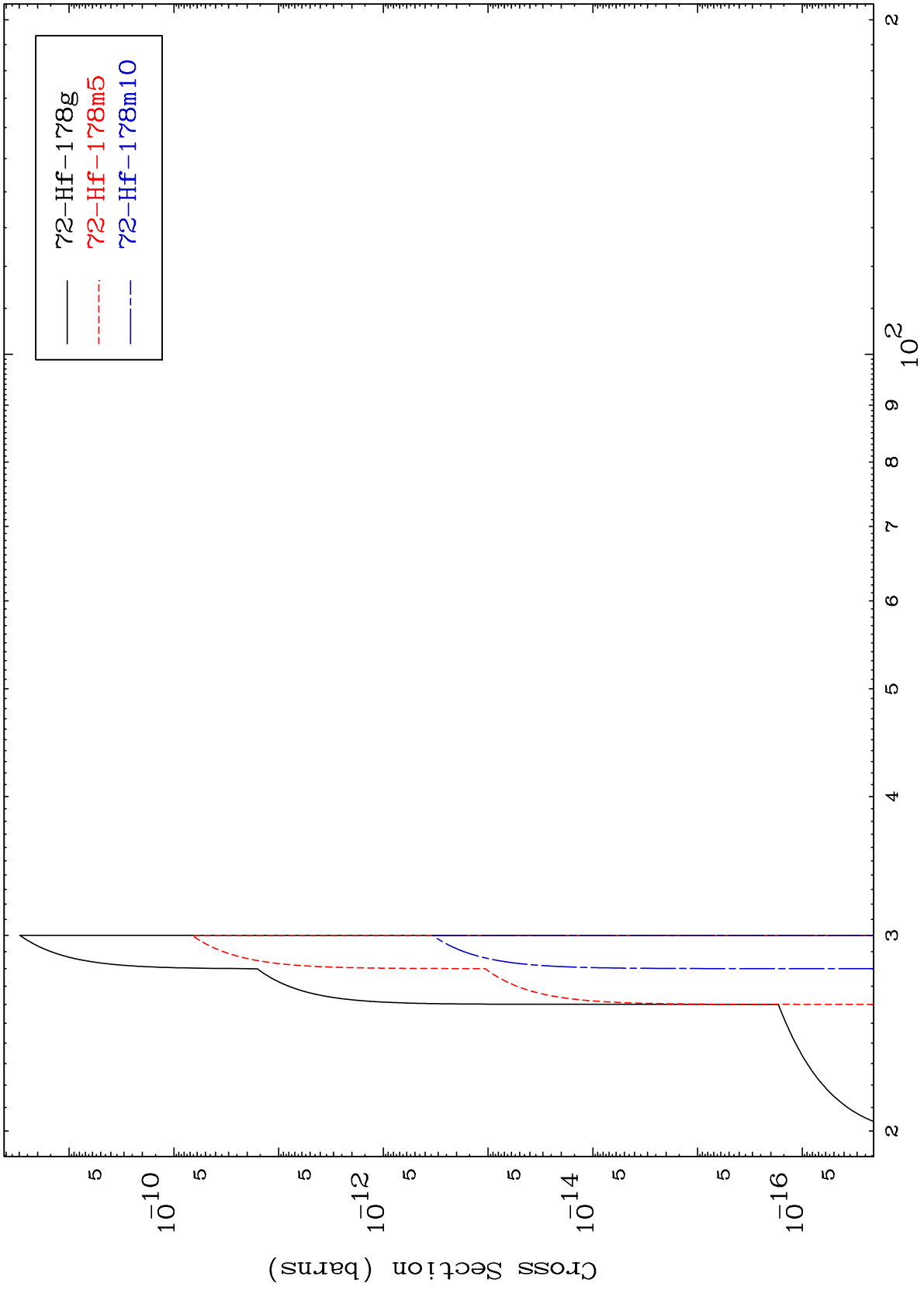
72-Hf-181

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$(\alpha, 3n) \alpha$

$^{72}\text{Hf-181}$

Radionuclide Production Cross Section



15

Incident Energy (MeV)

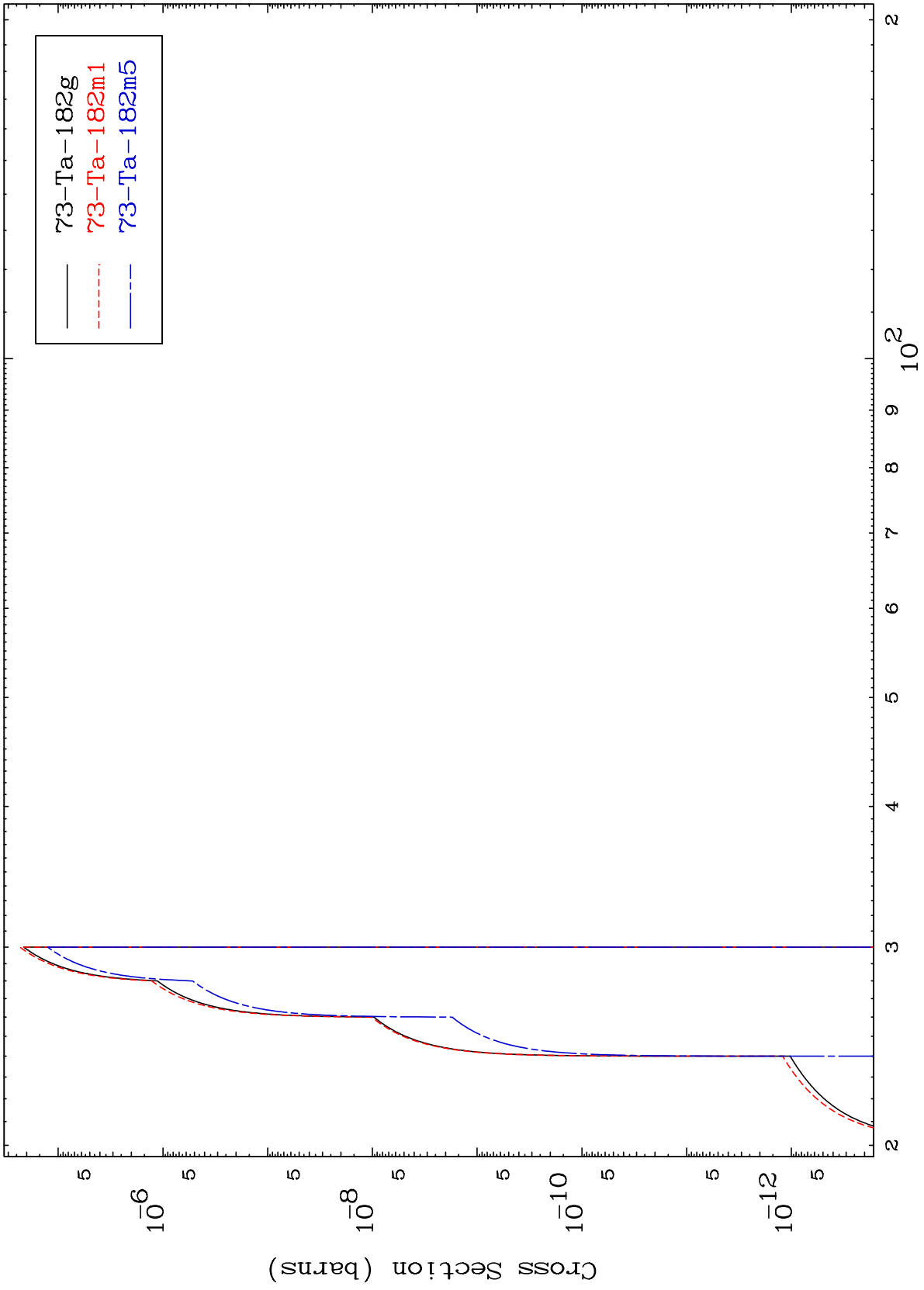
$^{72}\text{Hf-181}$

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(α, n') d

72-Hf-181

Radionuclide Production Cross Section

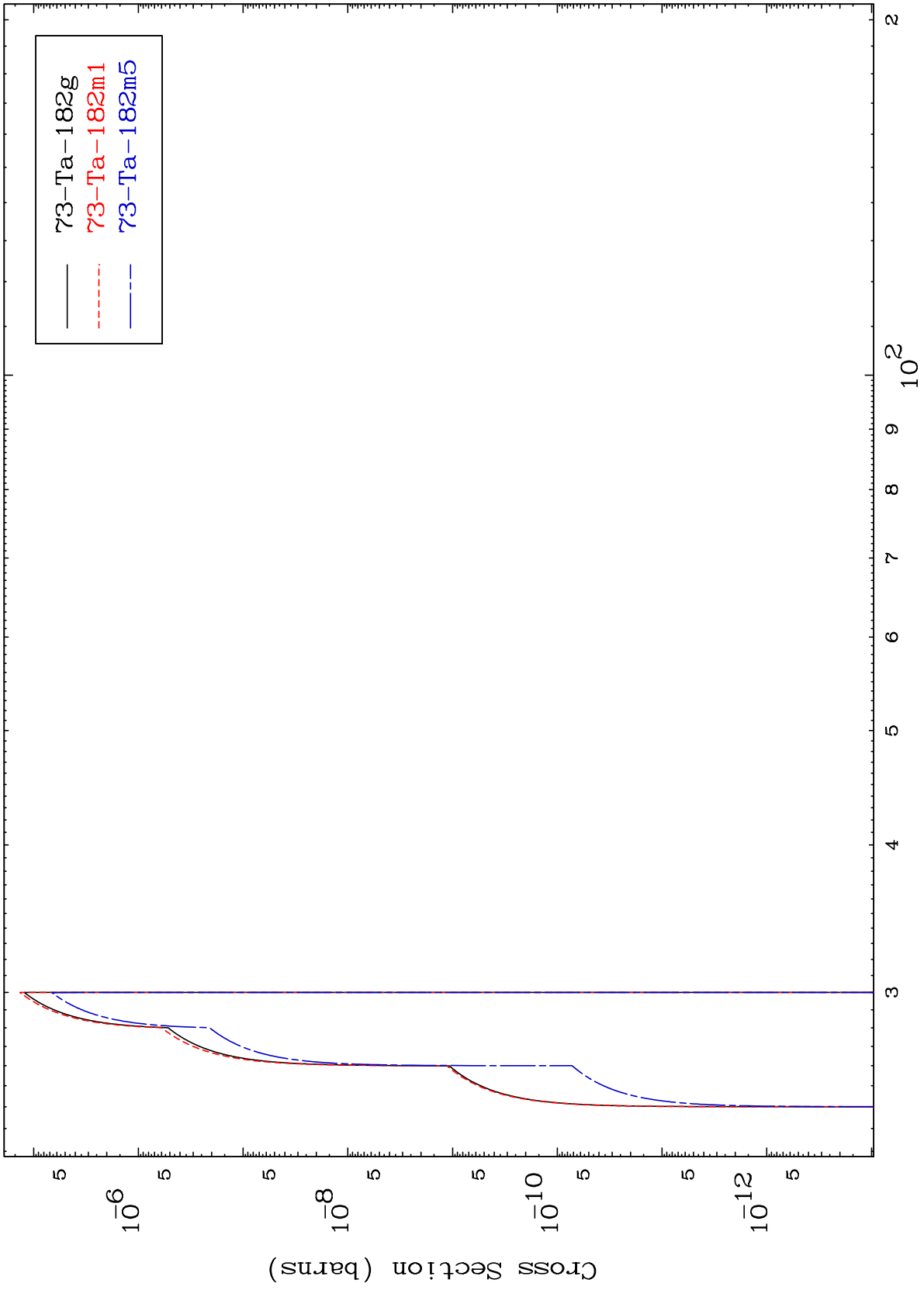


16

Incident Energy (MeV)

72-Hf-181

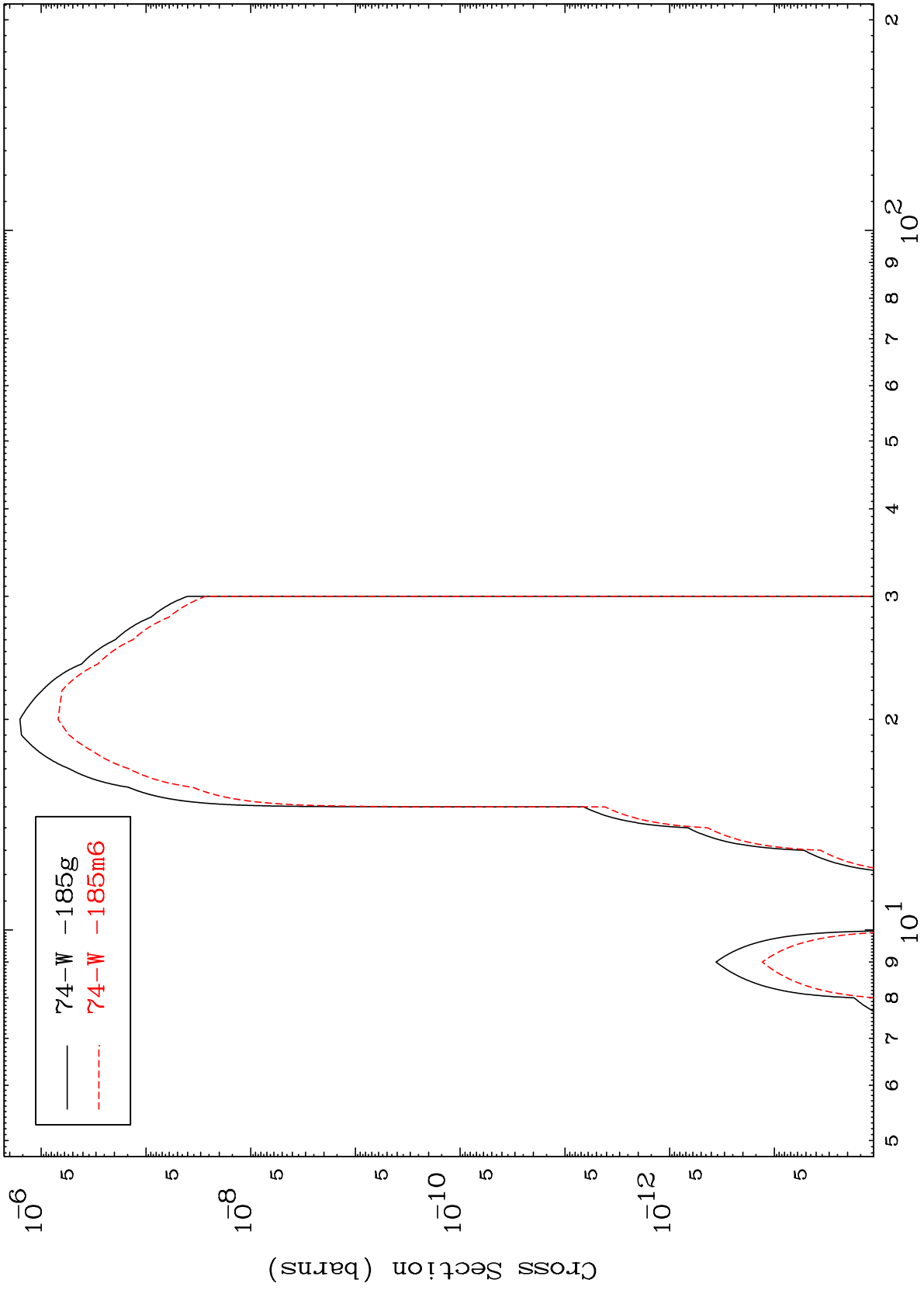
Radionuclide Production Cross Section



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72-Hf-181

Radionuclide Production Cross Section (α, γ)



18

Incident Energy (MeV)

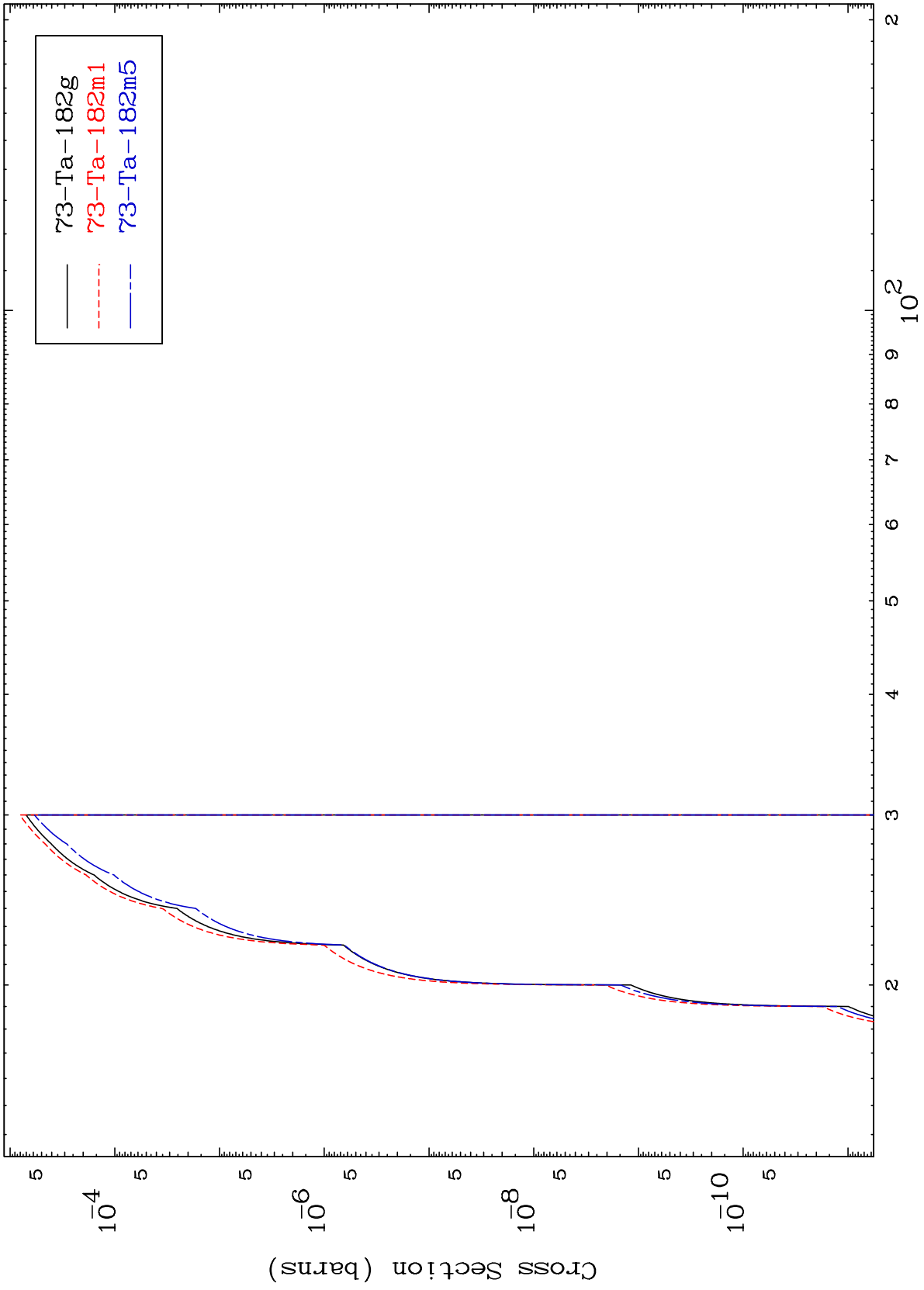
72-Hf-181

MAT 7246

(α, t)

72-Hf-181

Radionuclide Production Cross Section



19

Incident Energy (MeV)

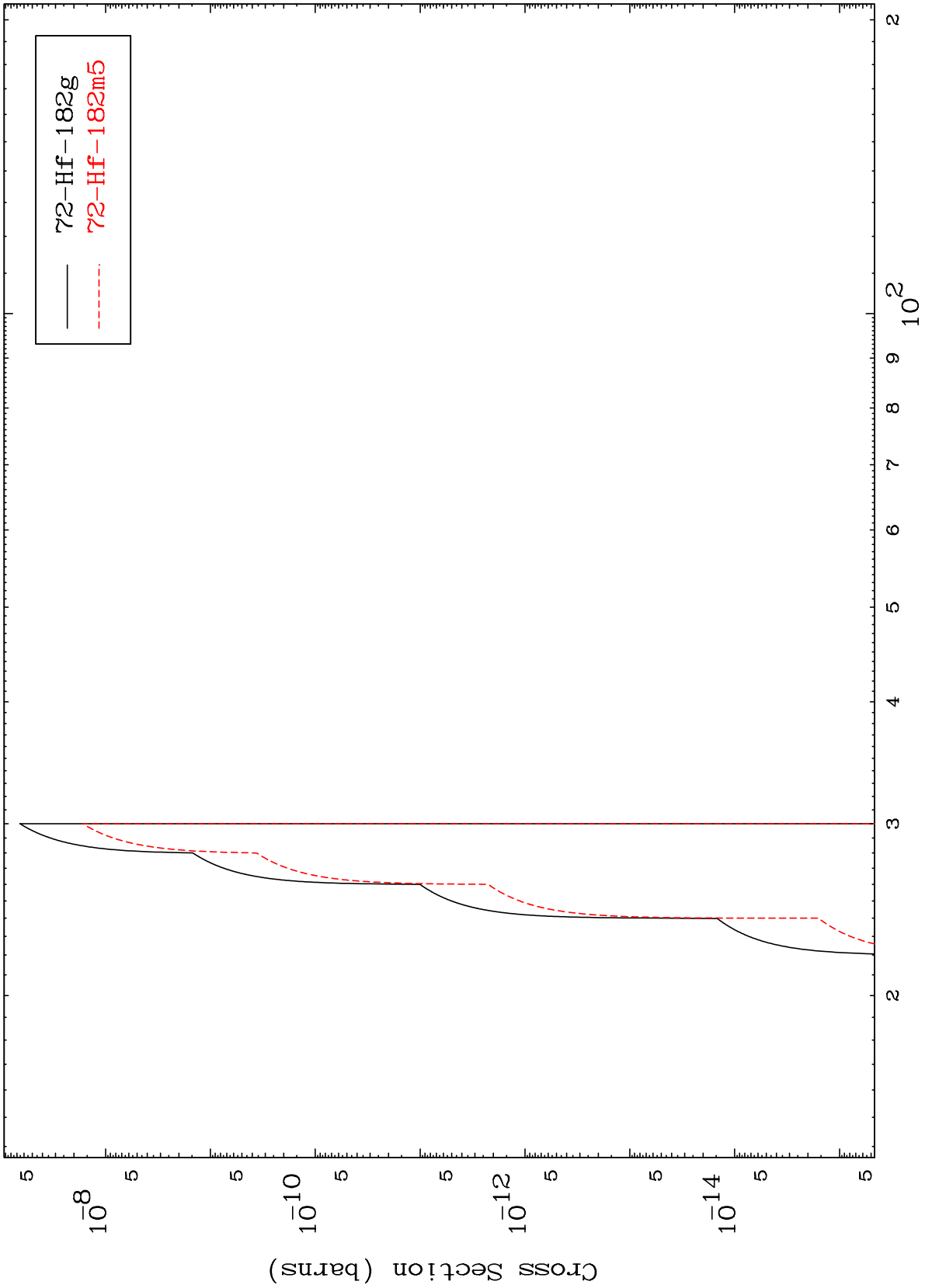
72-Hf-181

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

72-Hf-181

Radionuclide Production Cross Section



20

Incident Energy (MeV)

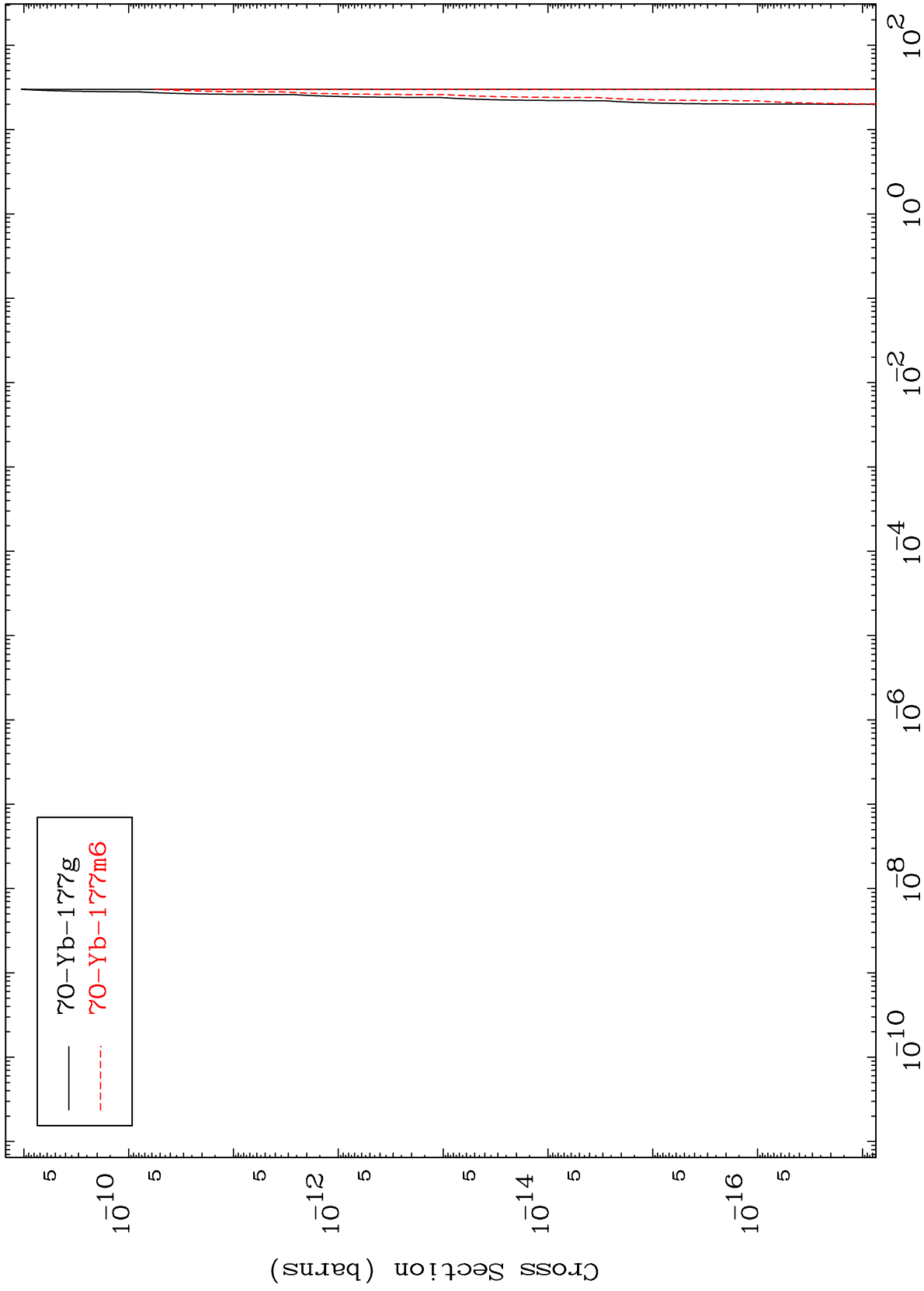
72-Hf-181

MAT 7246

($\alpha, 2\alpha$)

⁷²Hf-181

Radionuclide Production Cross Section



21

Incident Energy (MeV)

⁷²Hf-181