

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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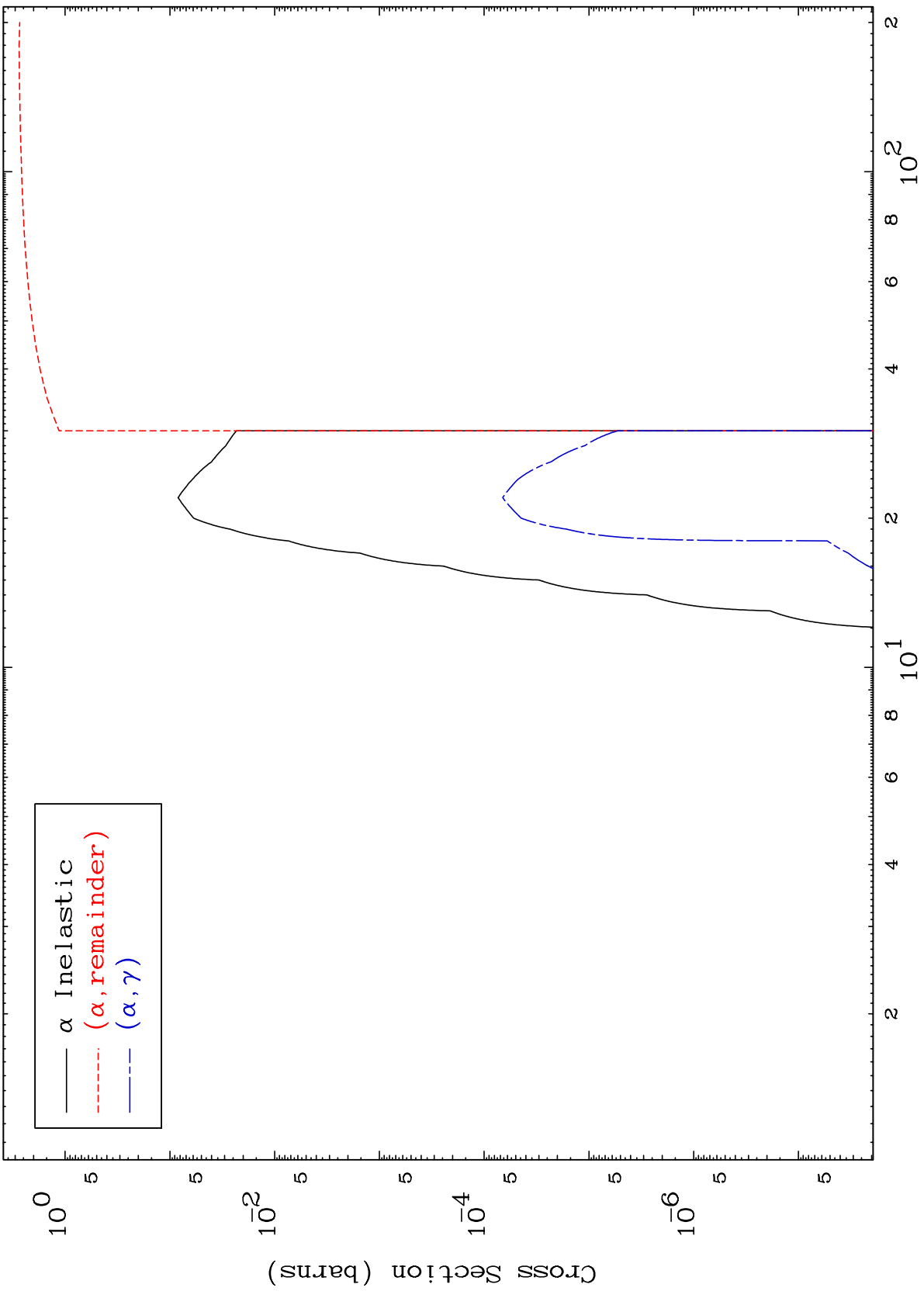
Tele: 925-443-1911

E.Mail: redcullen1@comcast.net

Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

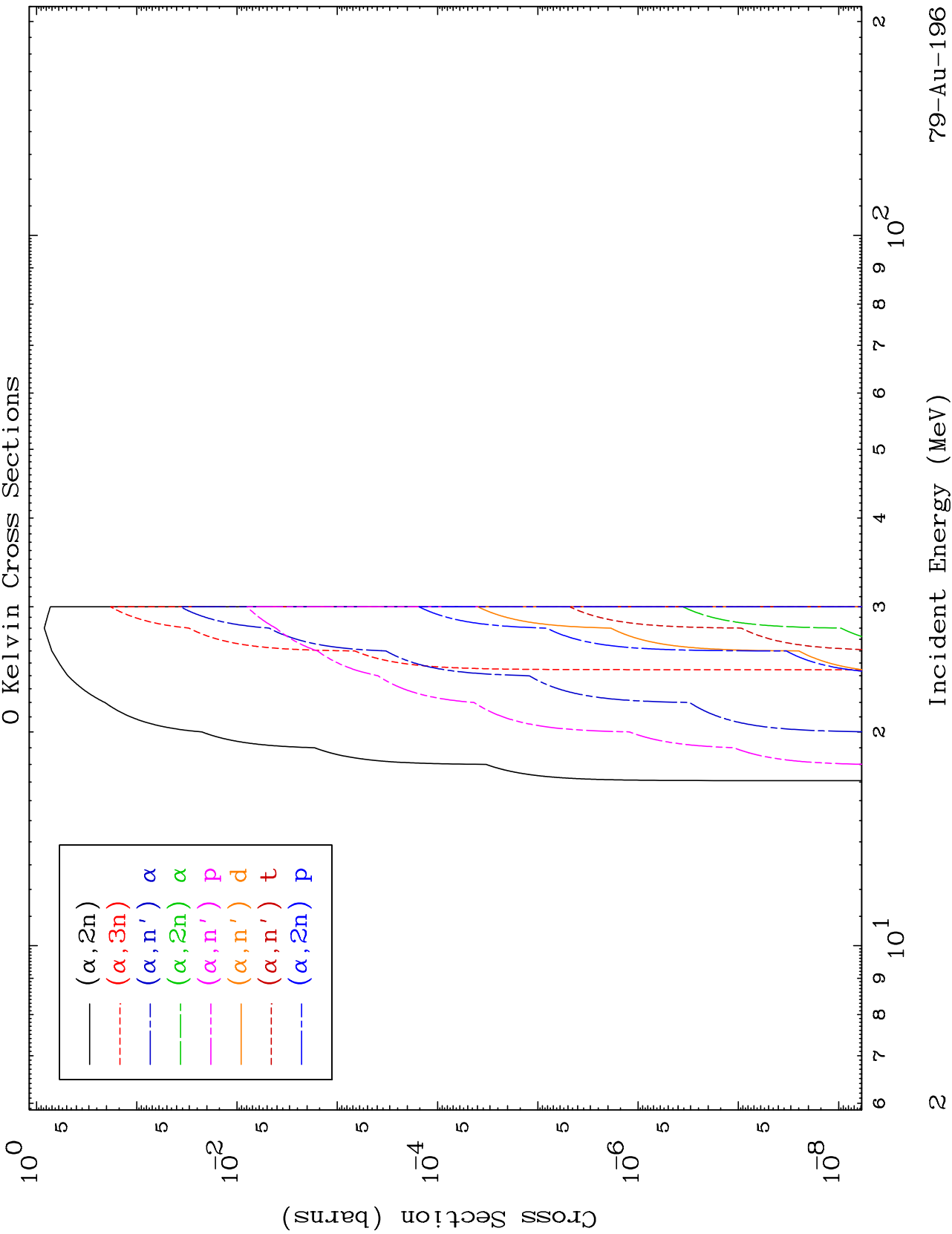
0 Kelvin Cross Sections



MAT 7924

α Neutron Production
0 Kelvin Cross Sections

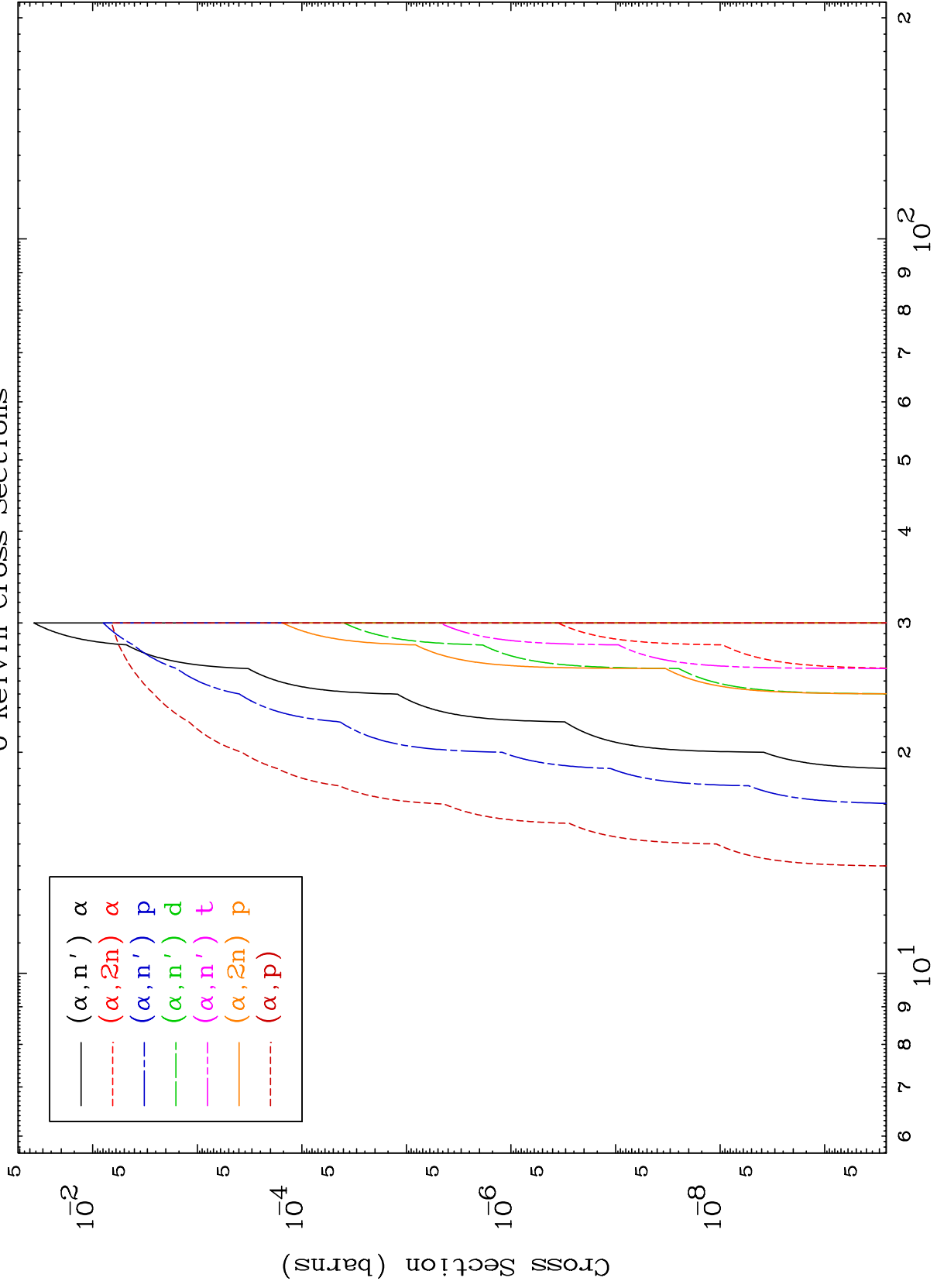
79-Au-196

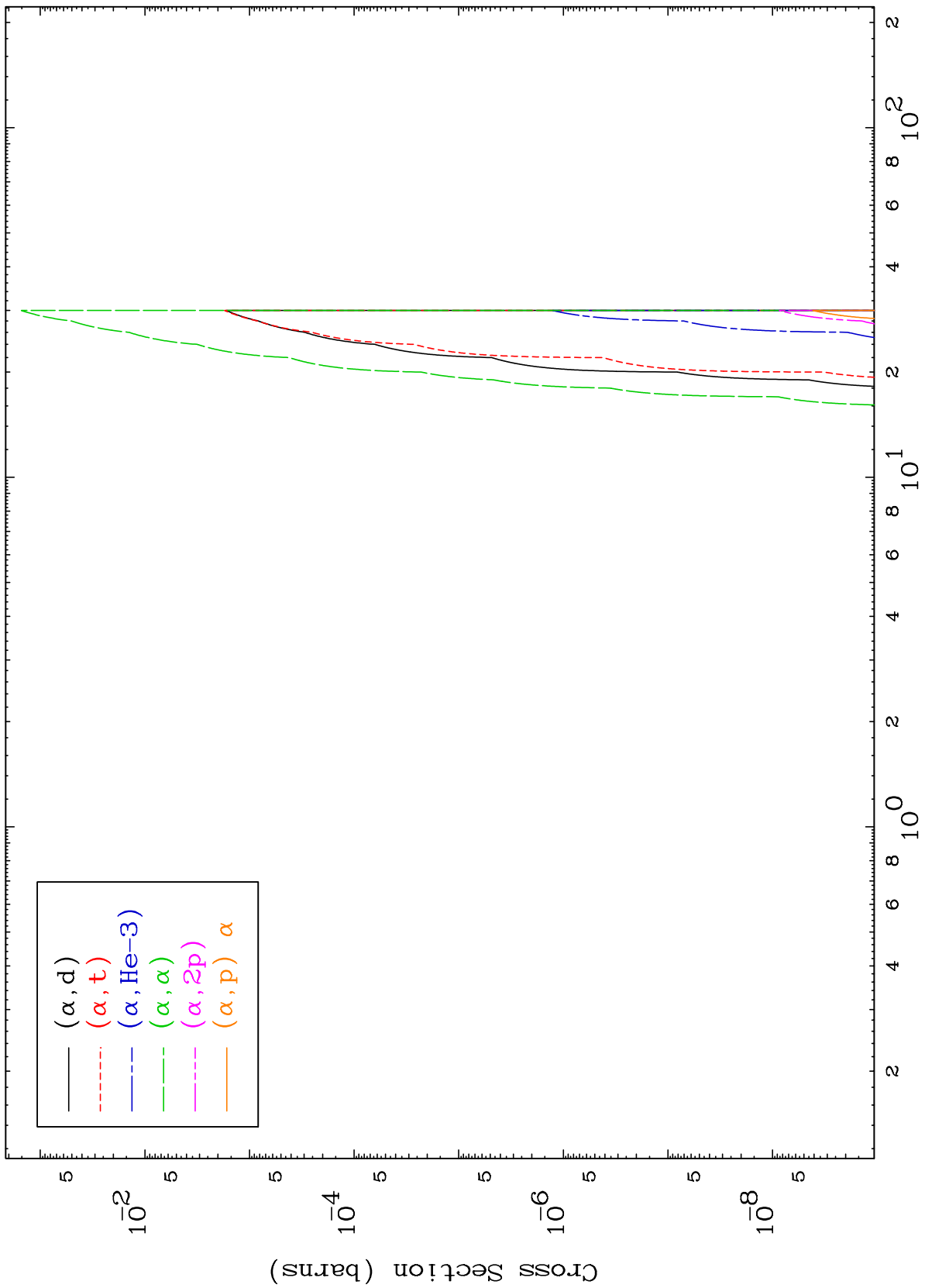


Incident Energy (MeV)

79-Au-196

2



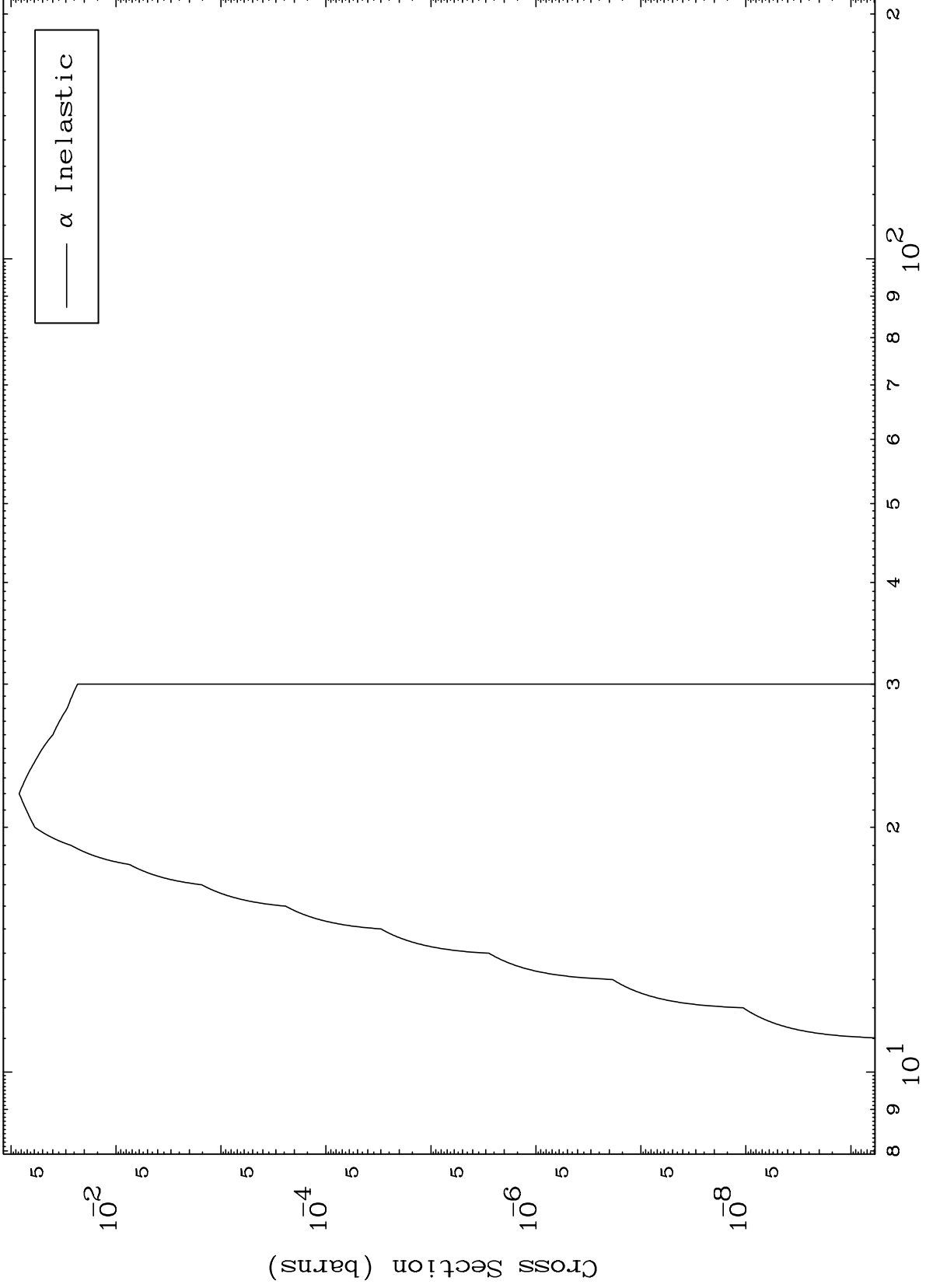


MAT 7924

(α, n') Level

79-Au-196

0 Kelvin Cross Sections



5

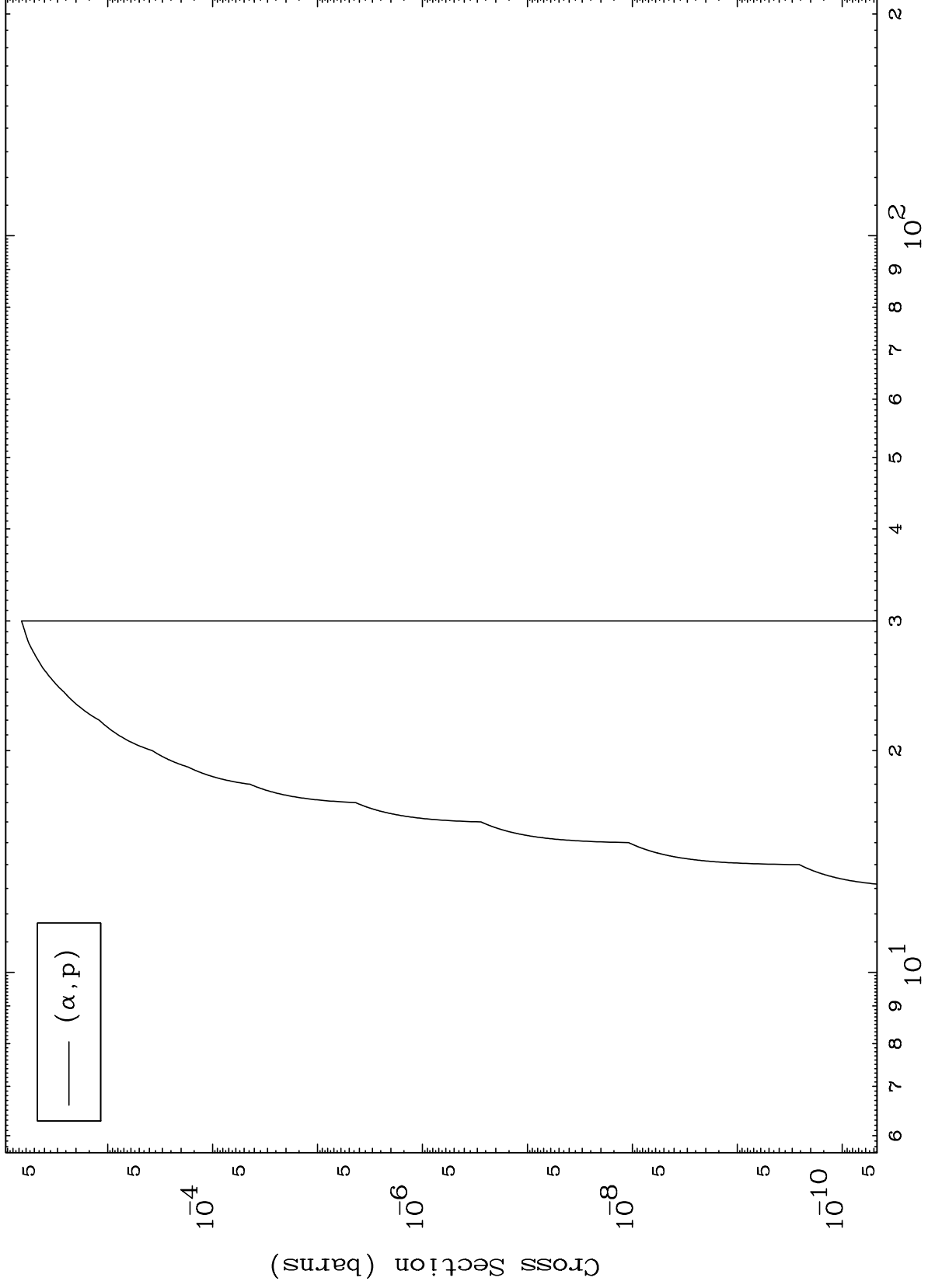
Incident Energy (MeV)

79-Au-196

MAT 7924

(α, p) Levels
0 Kelvin Cross Sections

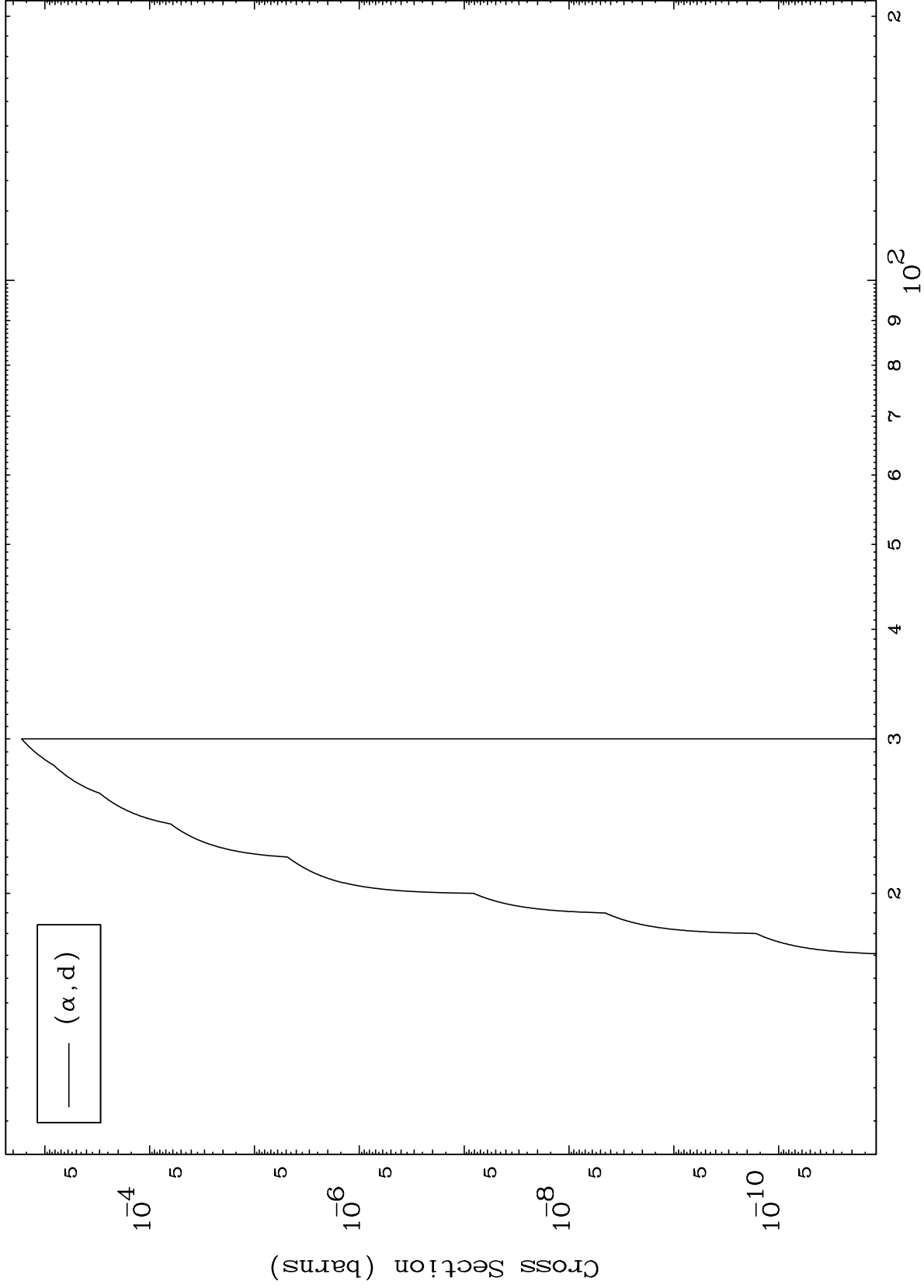
79-Au-196

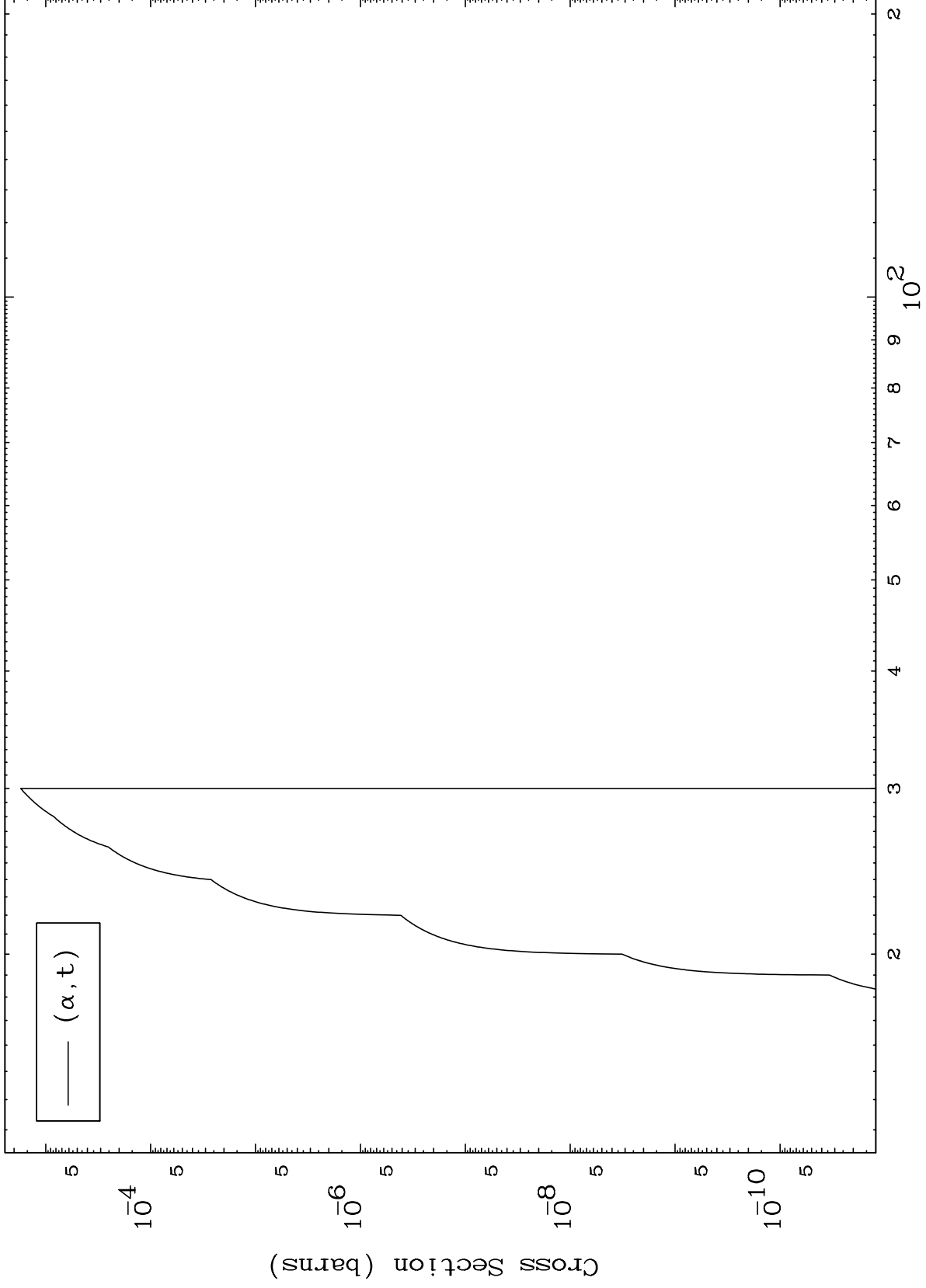


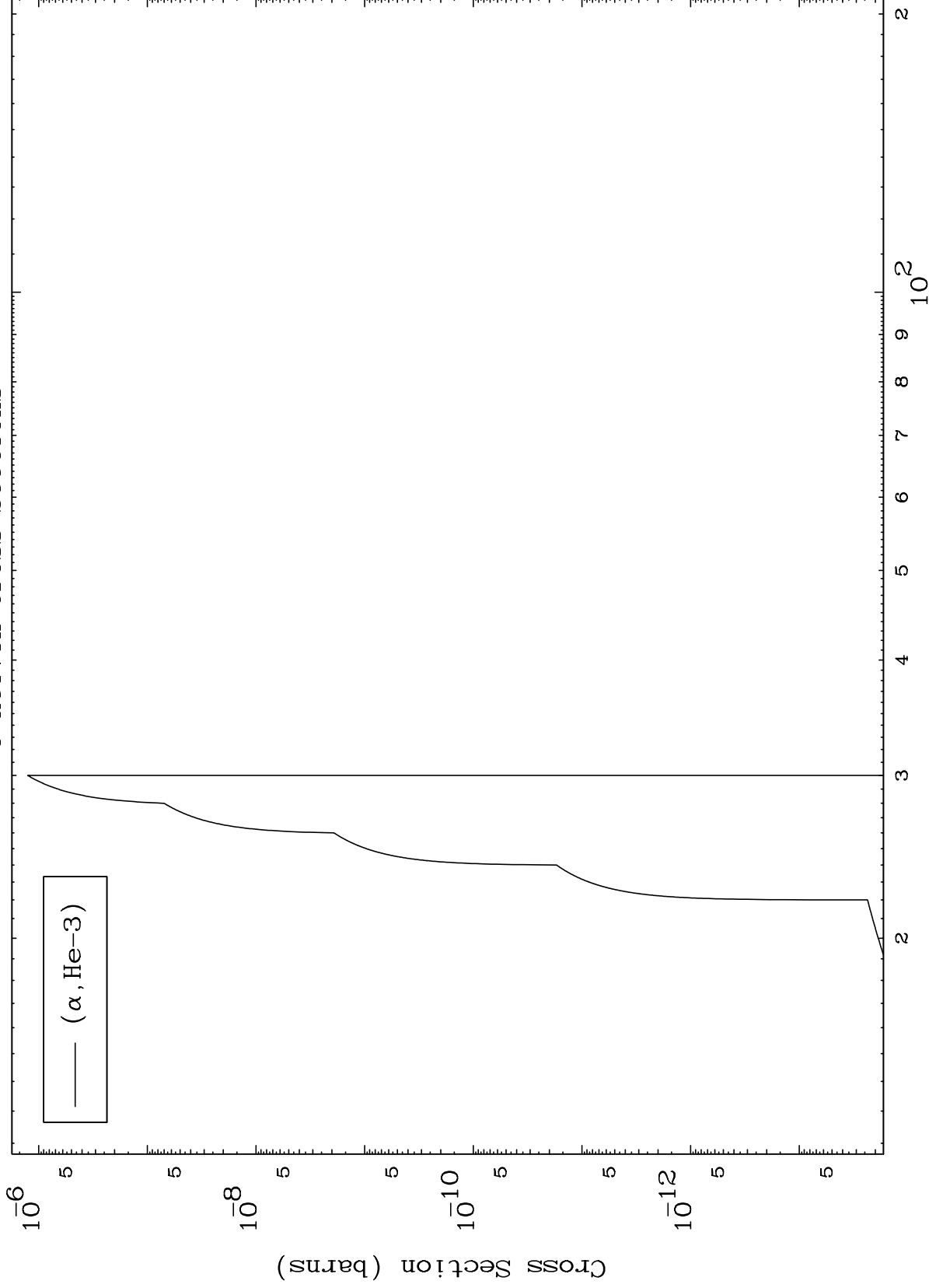
6

Incident Energy (MeV)

79-Au-196





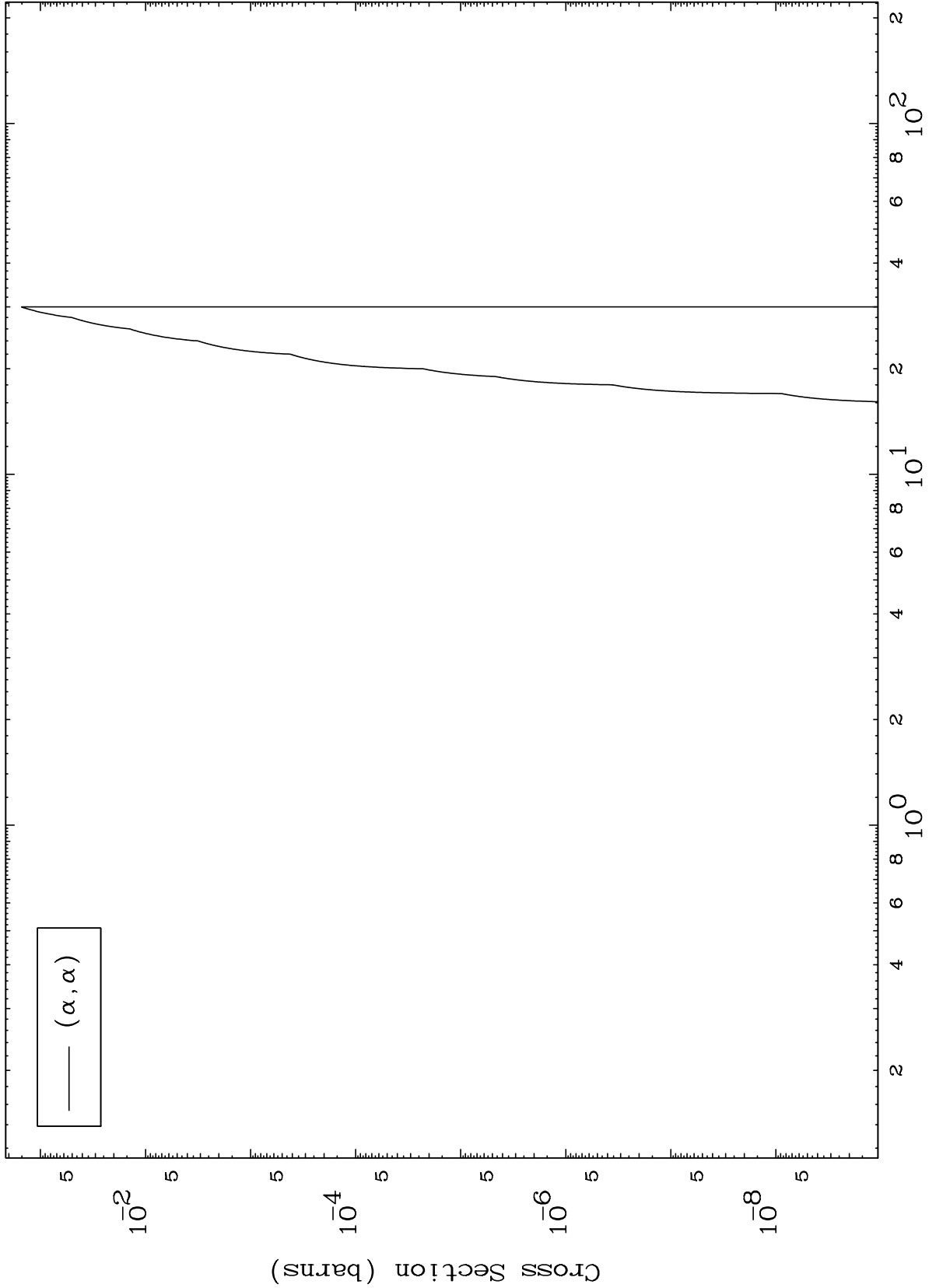


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(α, α) Levels

79-Au-196

0 Kelvin Cross Sections

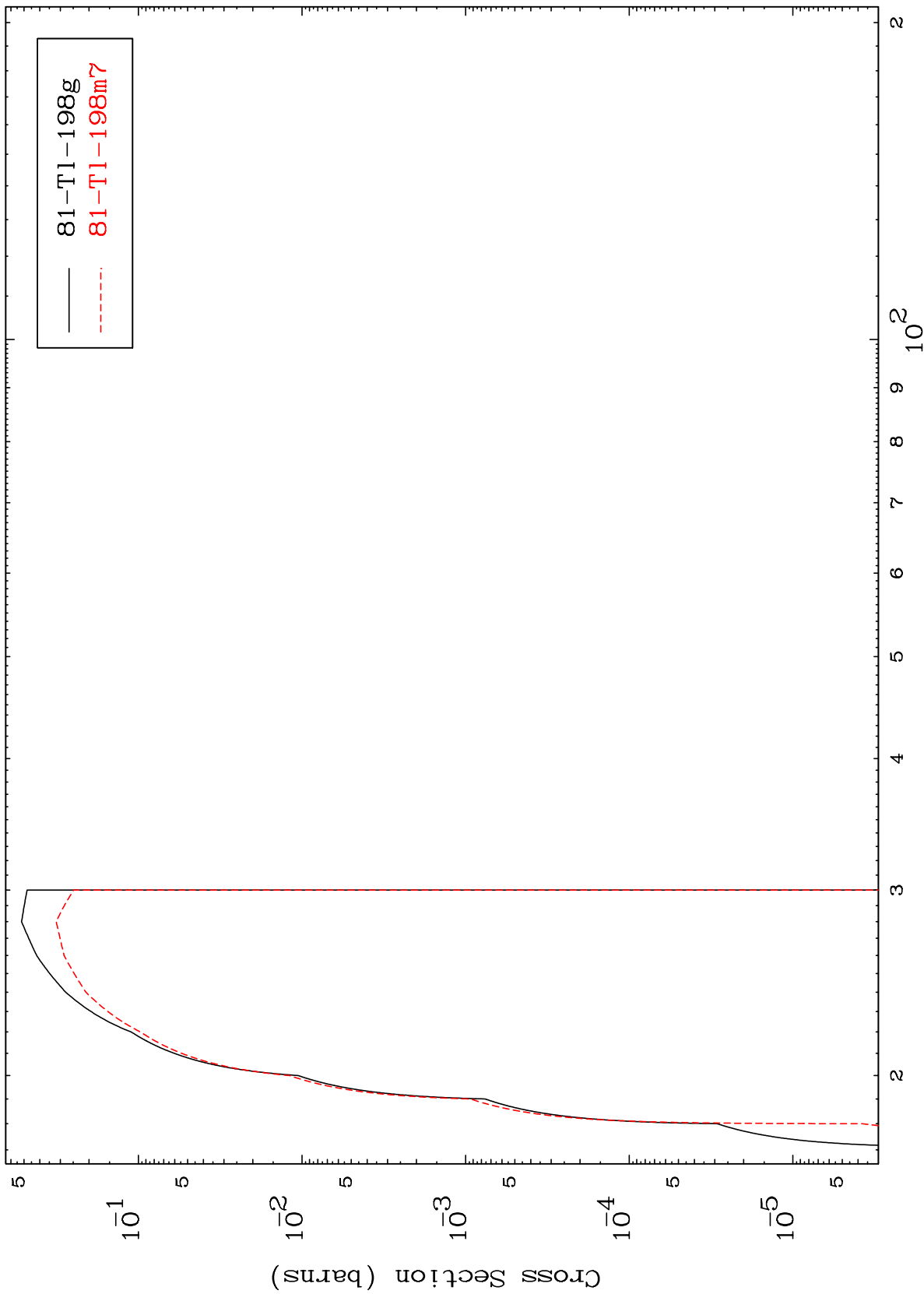


10

Incident Energy (MeV)

79-Au-196

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

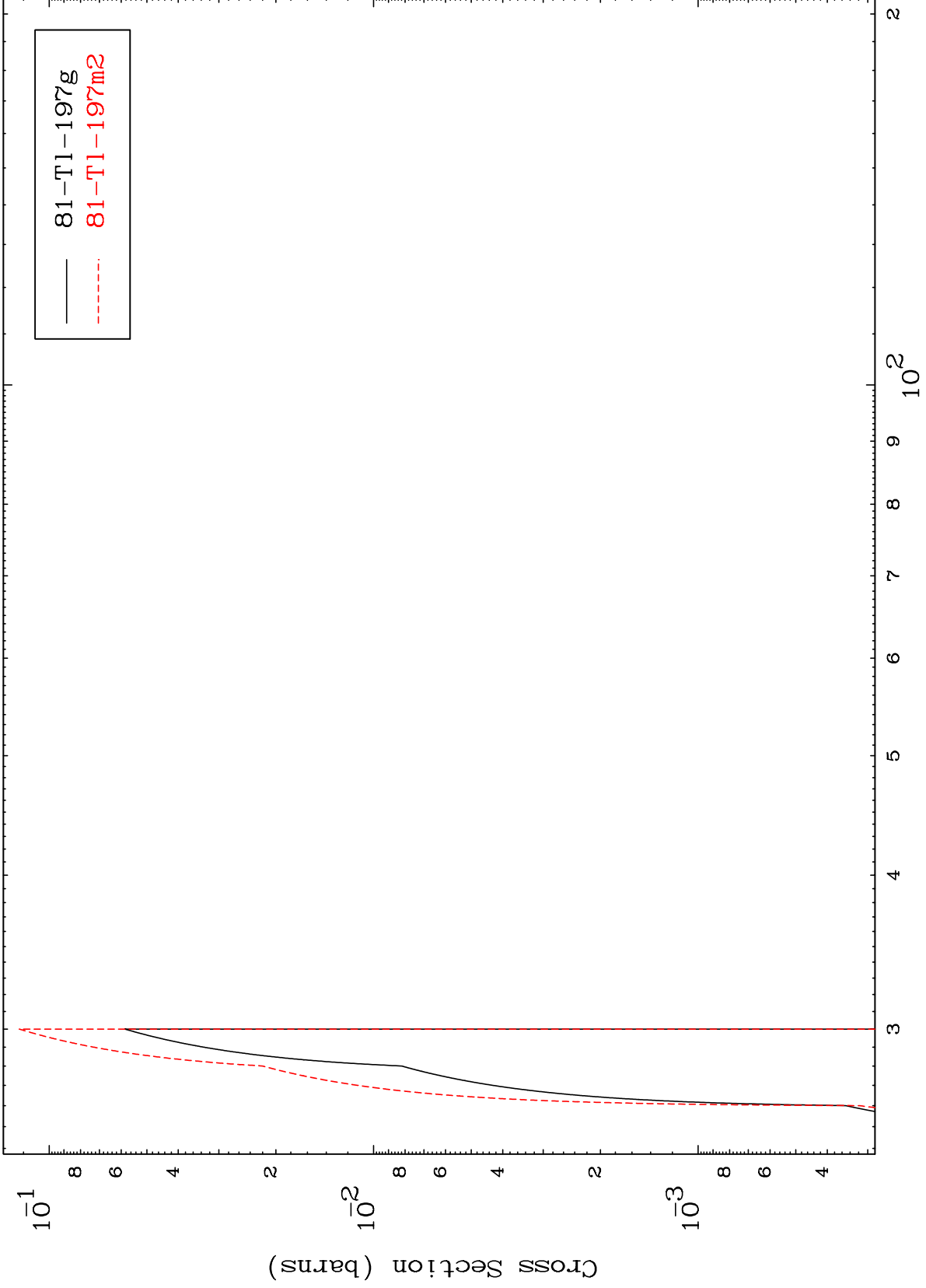


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($\alpha, 3n$)

79-Au-196

Radionuclide Production Cross Section



12

Incident Energy (MeV)

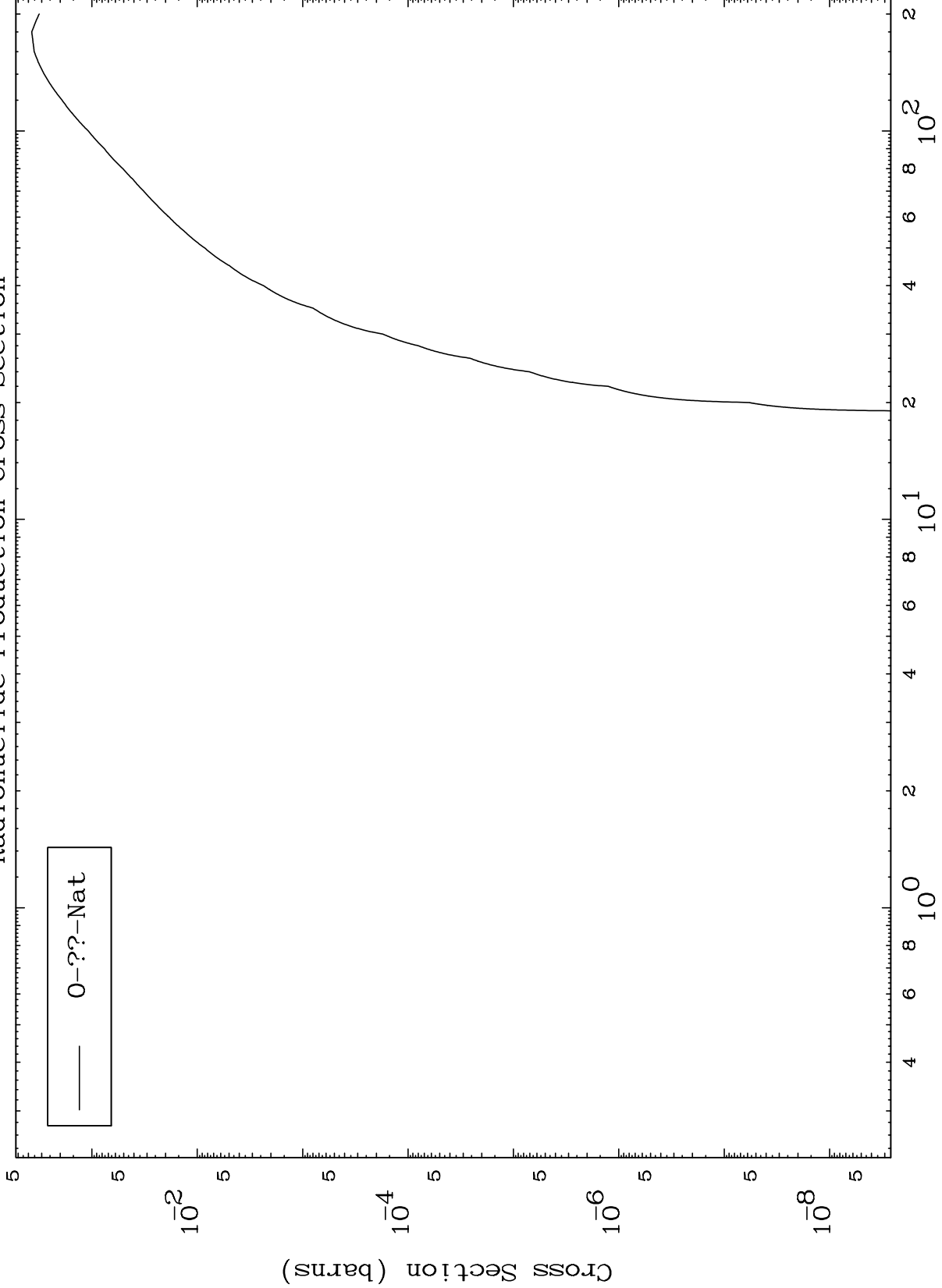
79-Au-196

MAT 7924

α Fission

79-Au-196

Radionuclide Production Cross Section

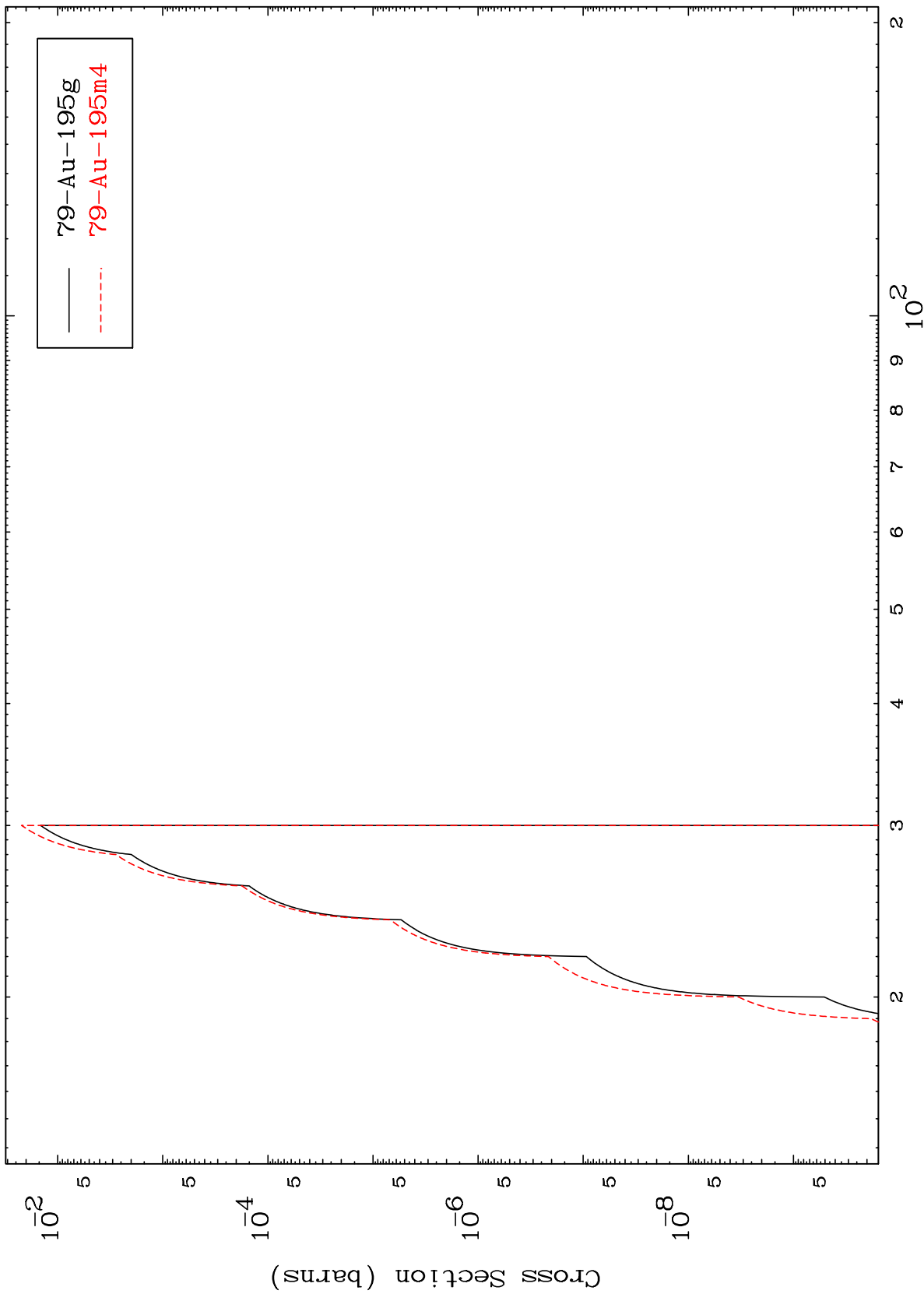


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(α, n') α

79-Au-196

Radionuclide Production Cross Section



79-Au-195g
79-Au-195m4

14

Incident Energy (MeV)

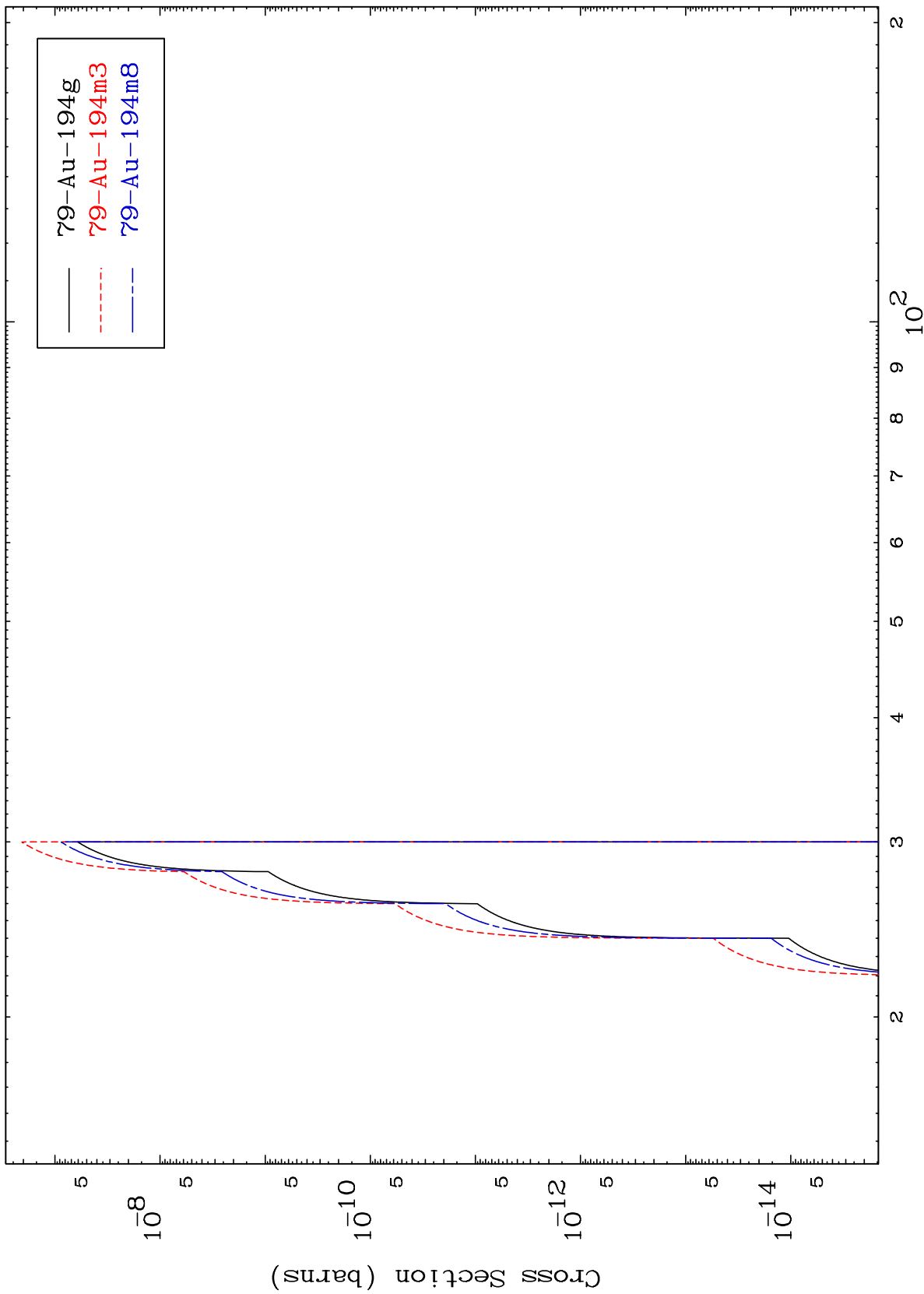
79-Au-196

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$(\alpha, 2n) \alpha$

79-Au-196

Radionuclide Production Cross Section

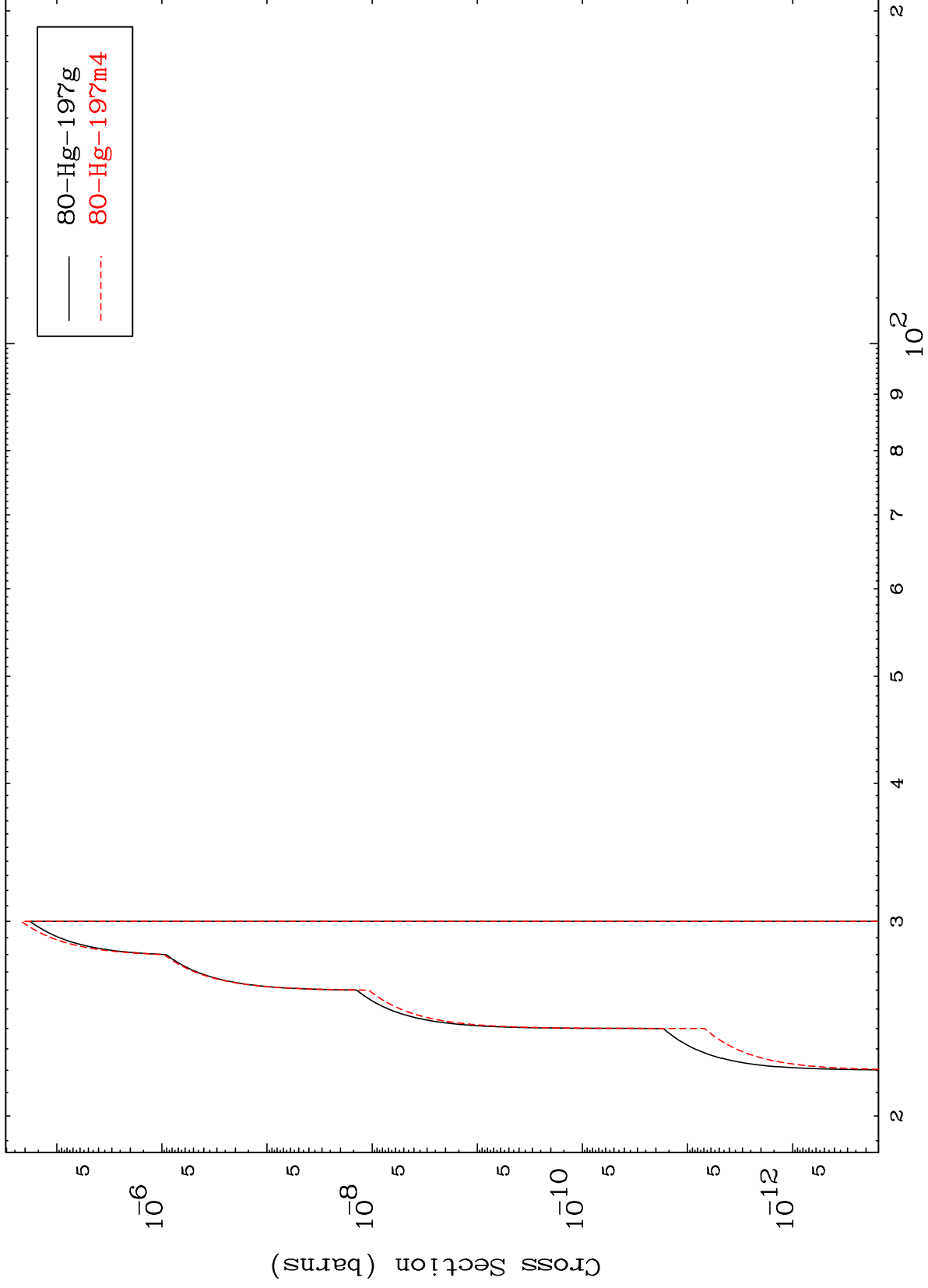


15

Incident Energy (MeV)

79-Au-196

Radionuclide Production Cross Section

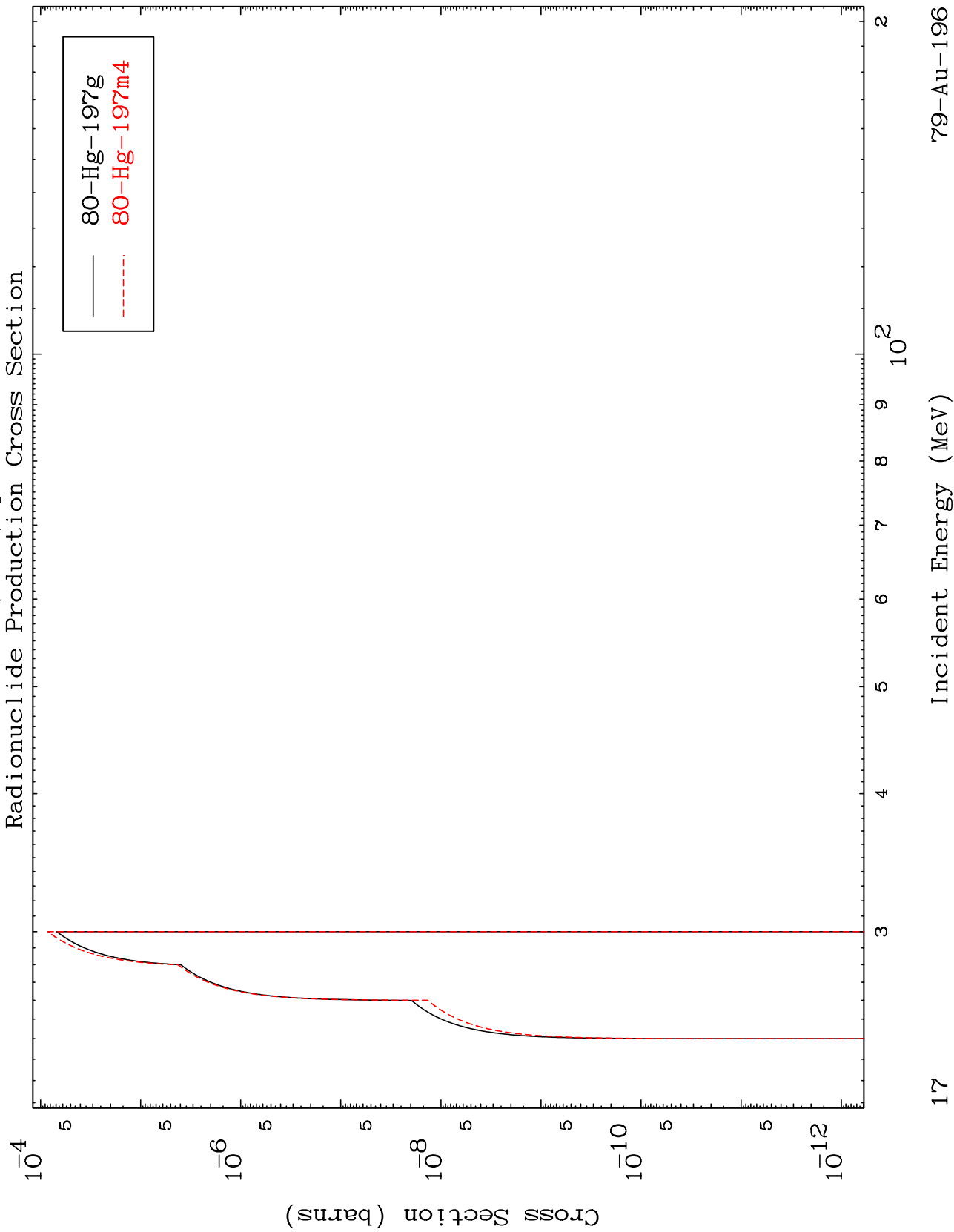


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$(\alpha, 2n)$ p

79-Au-196

Radionuclide Production Cross Section



17

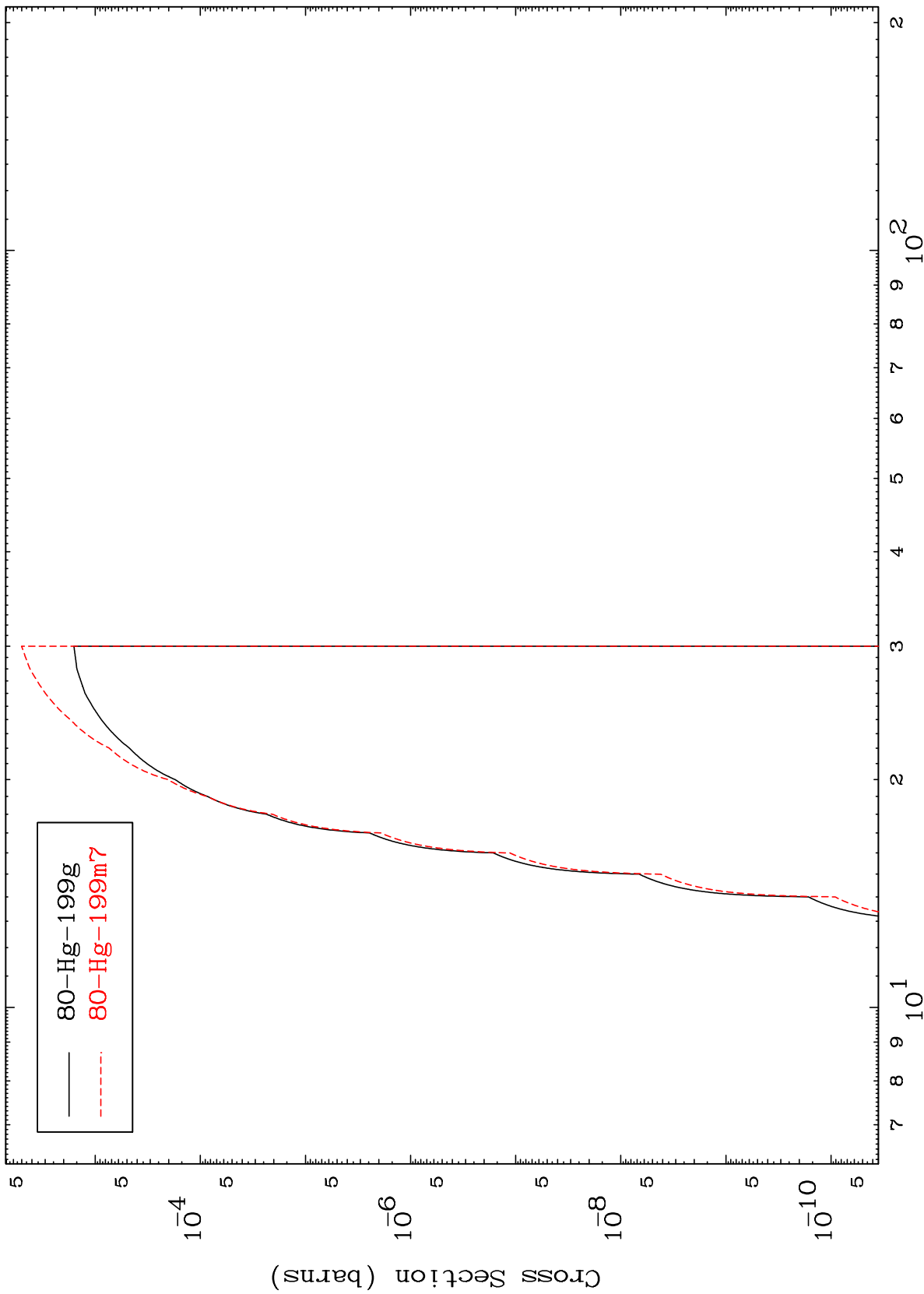
Incident Energy (MeV)

79-Au-196

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79-Au-196

(α, p)
Radionuclide Production Cross Section

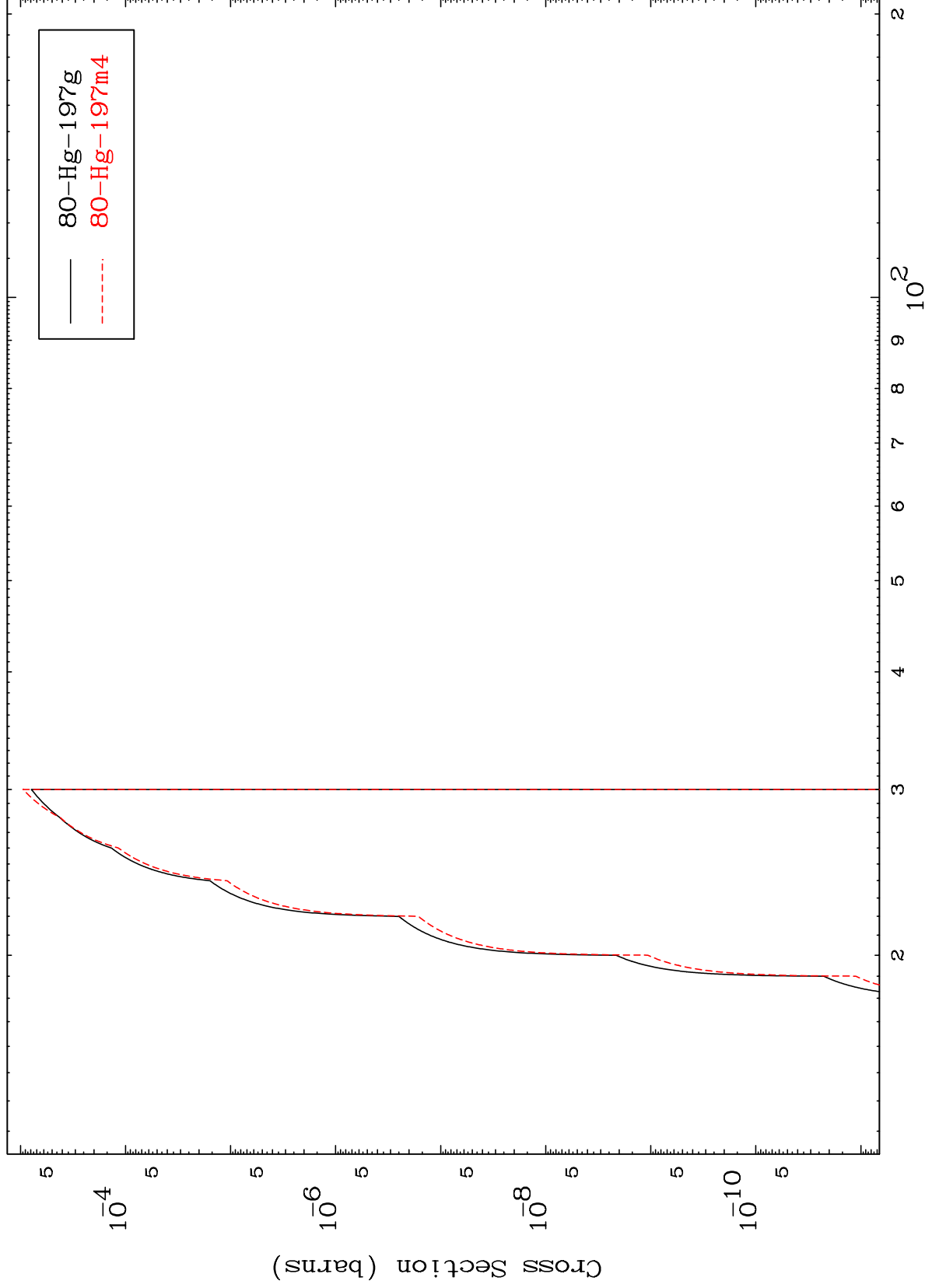


18

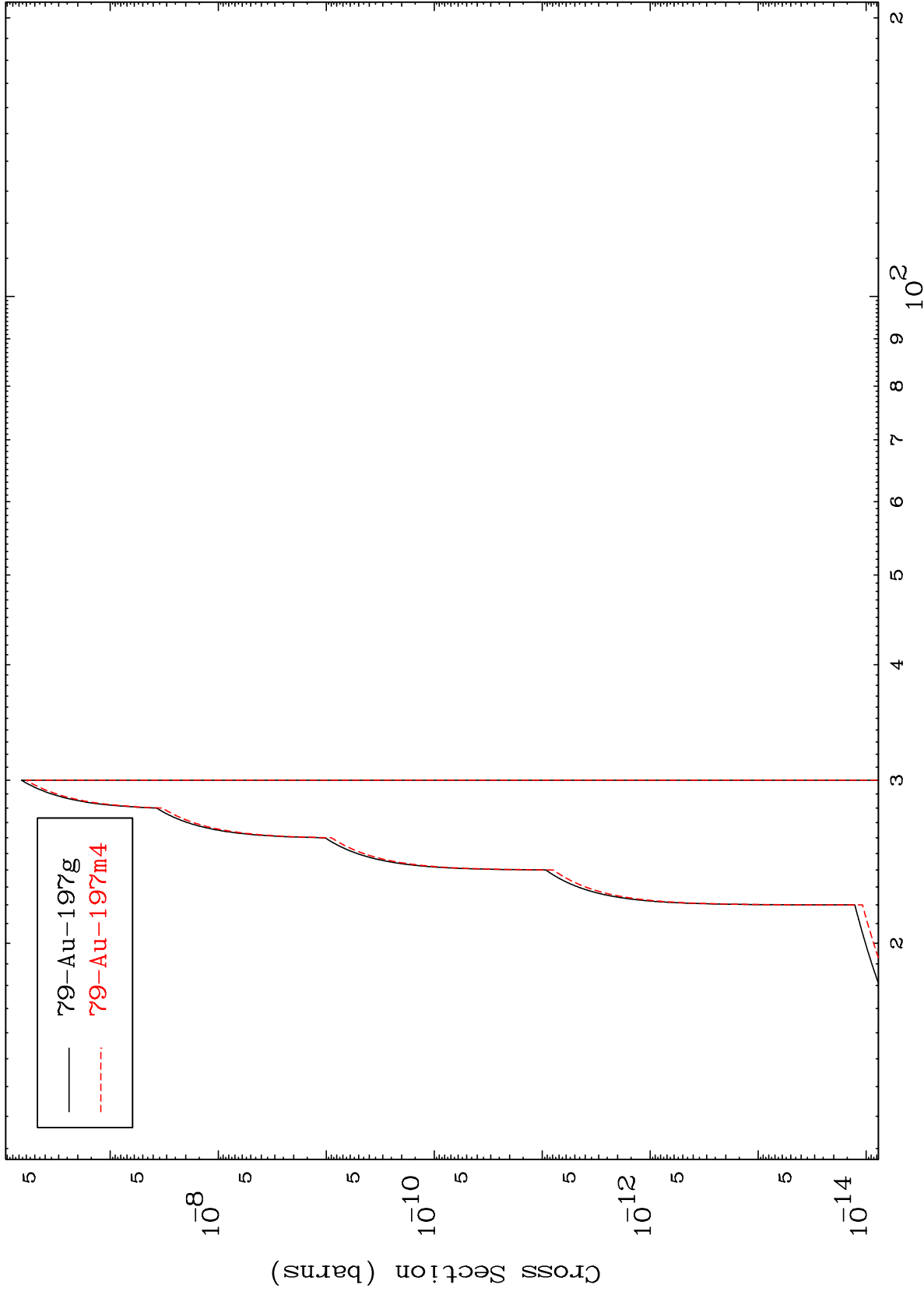
Incident Energy (MeV)

79-Au-196

Radionuclide Production Cross Section



Radionuclide Production Cross Section

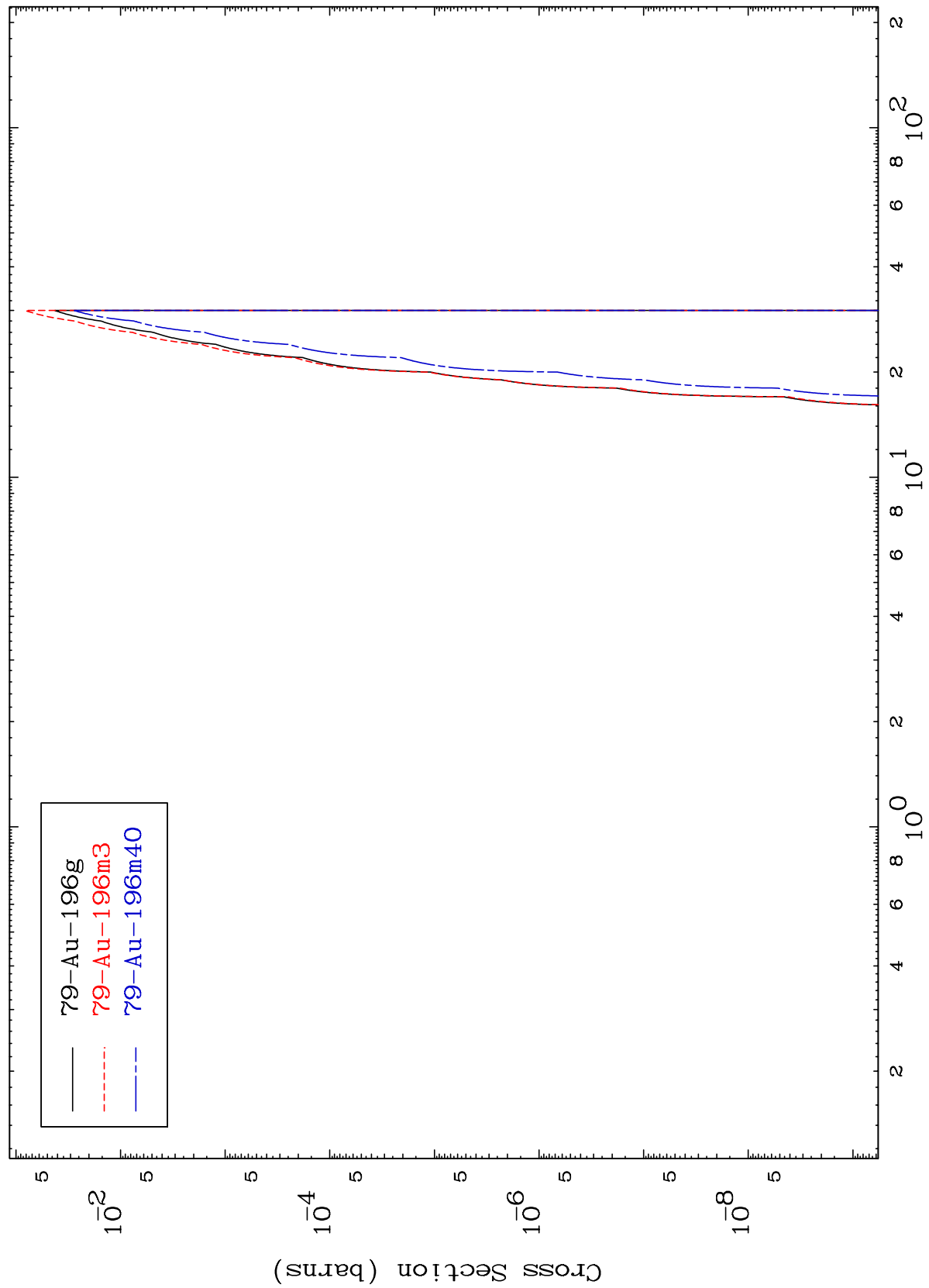


MAT 7924

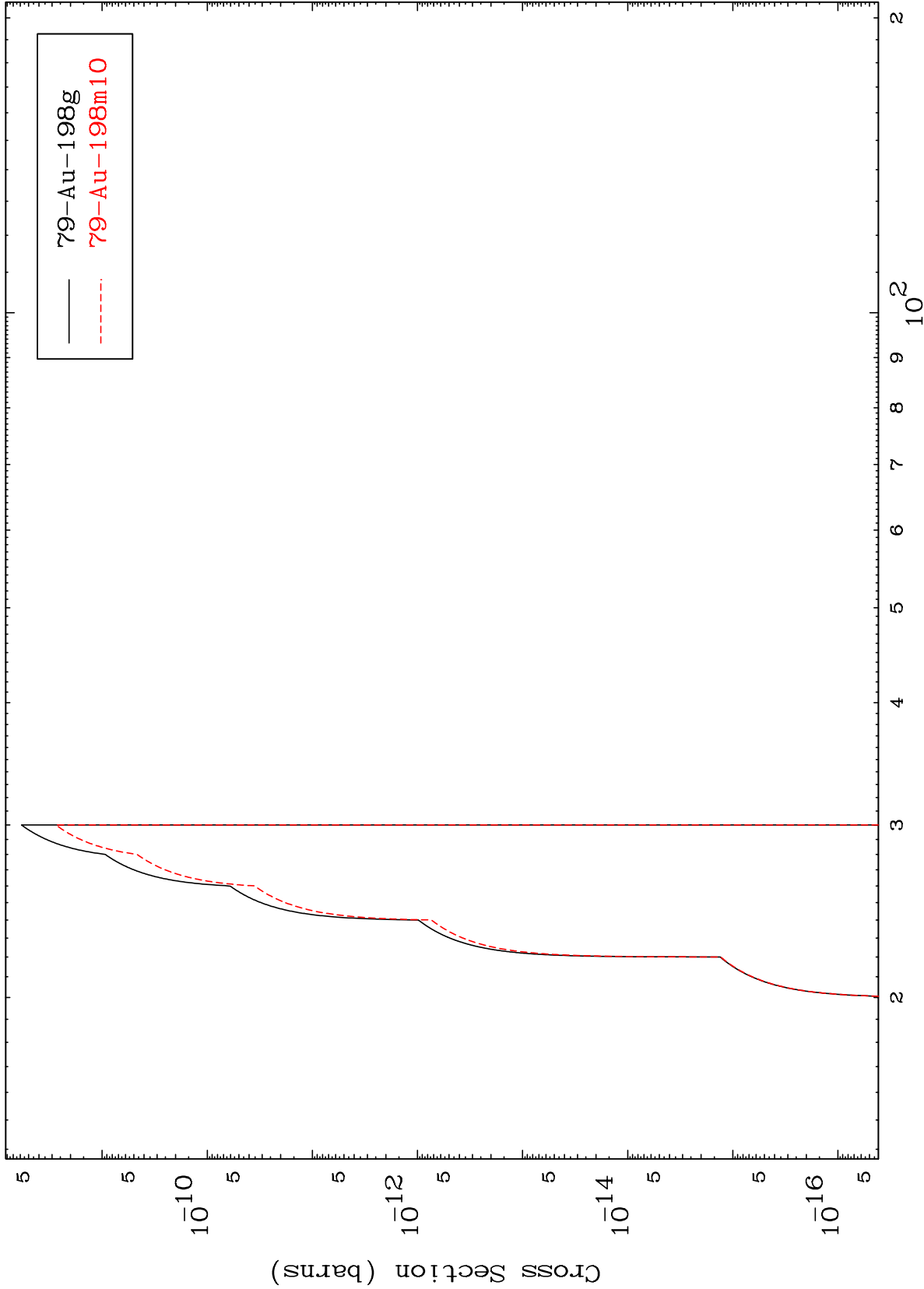
79-Au-196

(α, α)

Radionuclide Production Cross Section



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



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$(\alpha, p) \alpha$

$^{79}\text{Au-196}$

Radionuclide Production Cross Section

