

Program EVALPLOT
(Version 2018-1)

by

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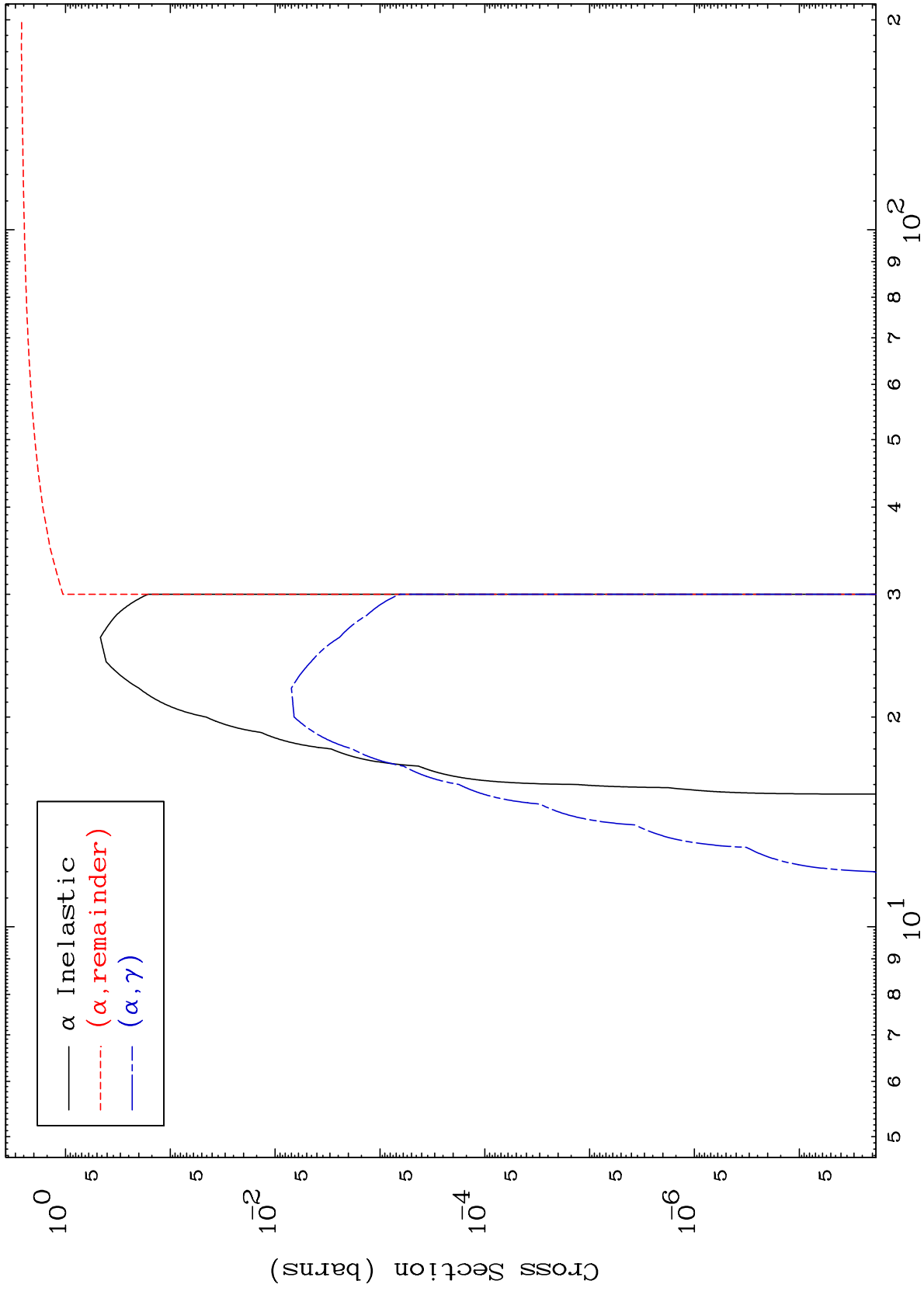
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7889

0 Kelvin α Major
Cross Sections

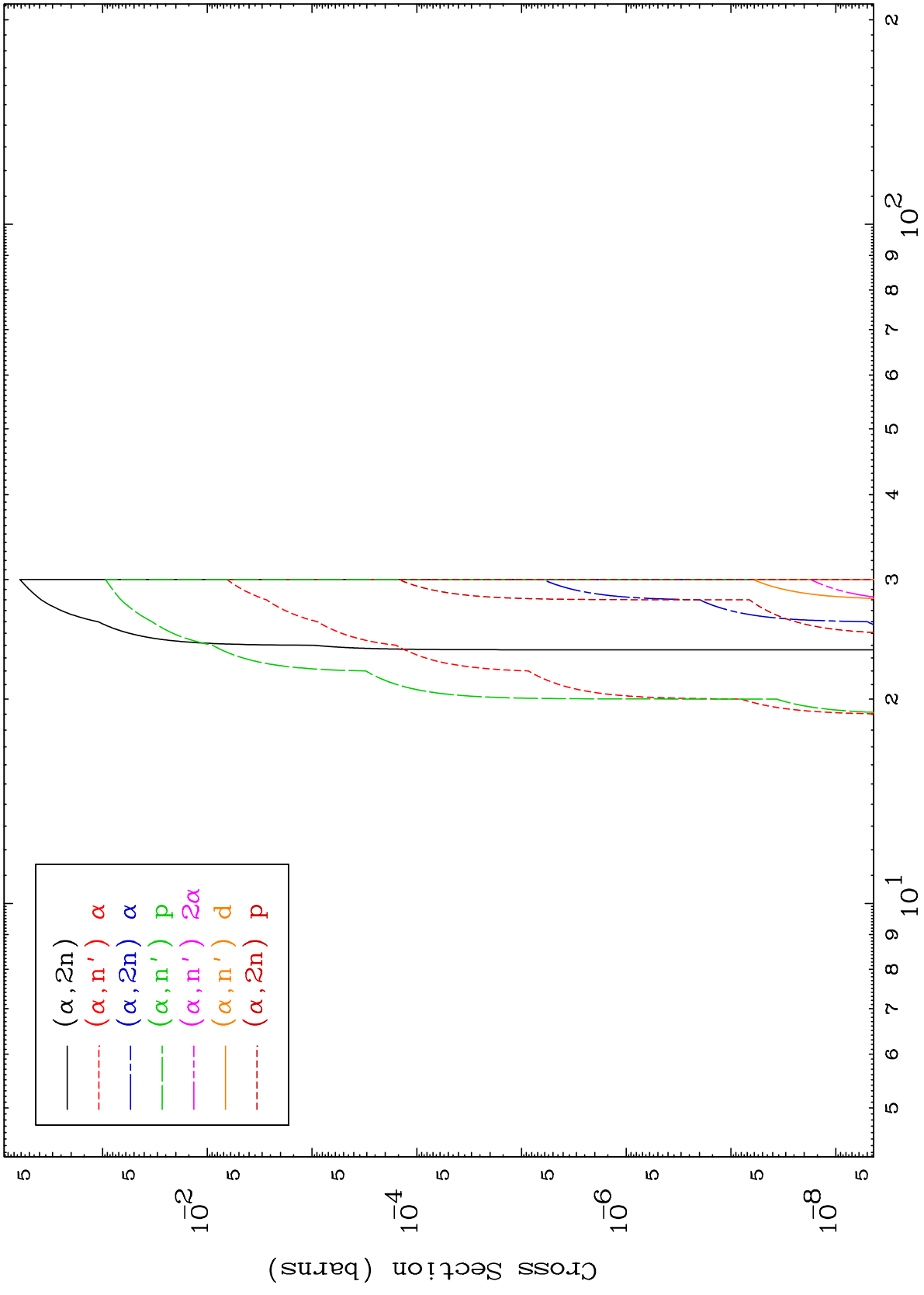
79-Au-185

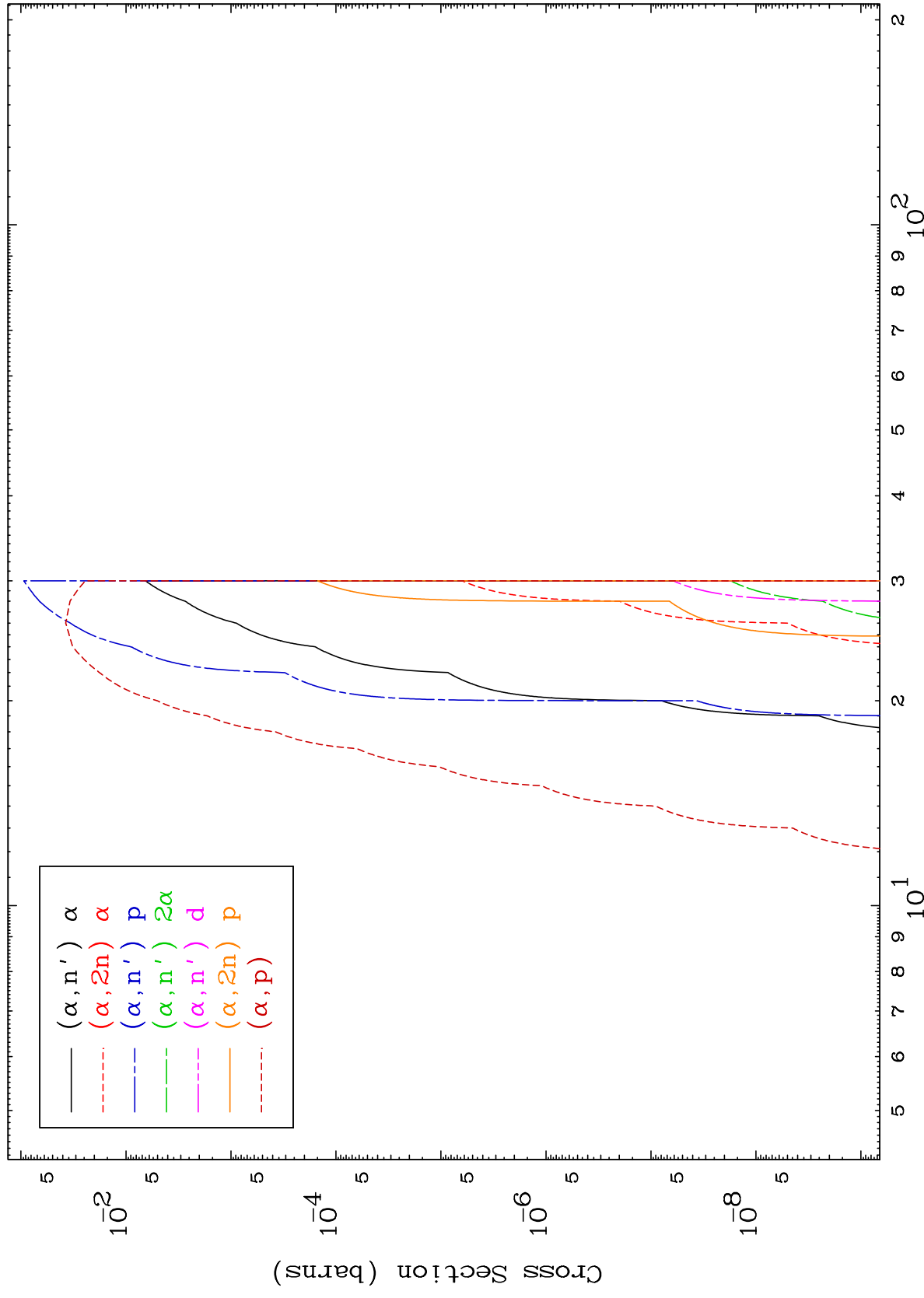


1

Incident Energy (MeV)

79-Au-185

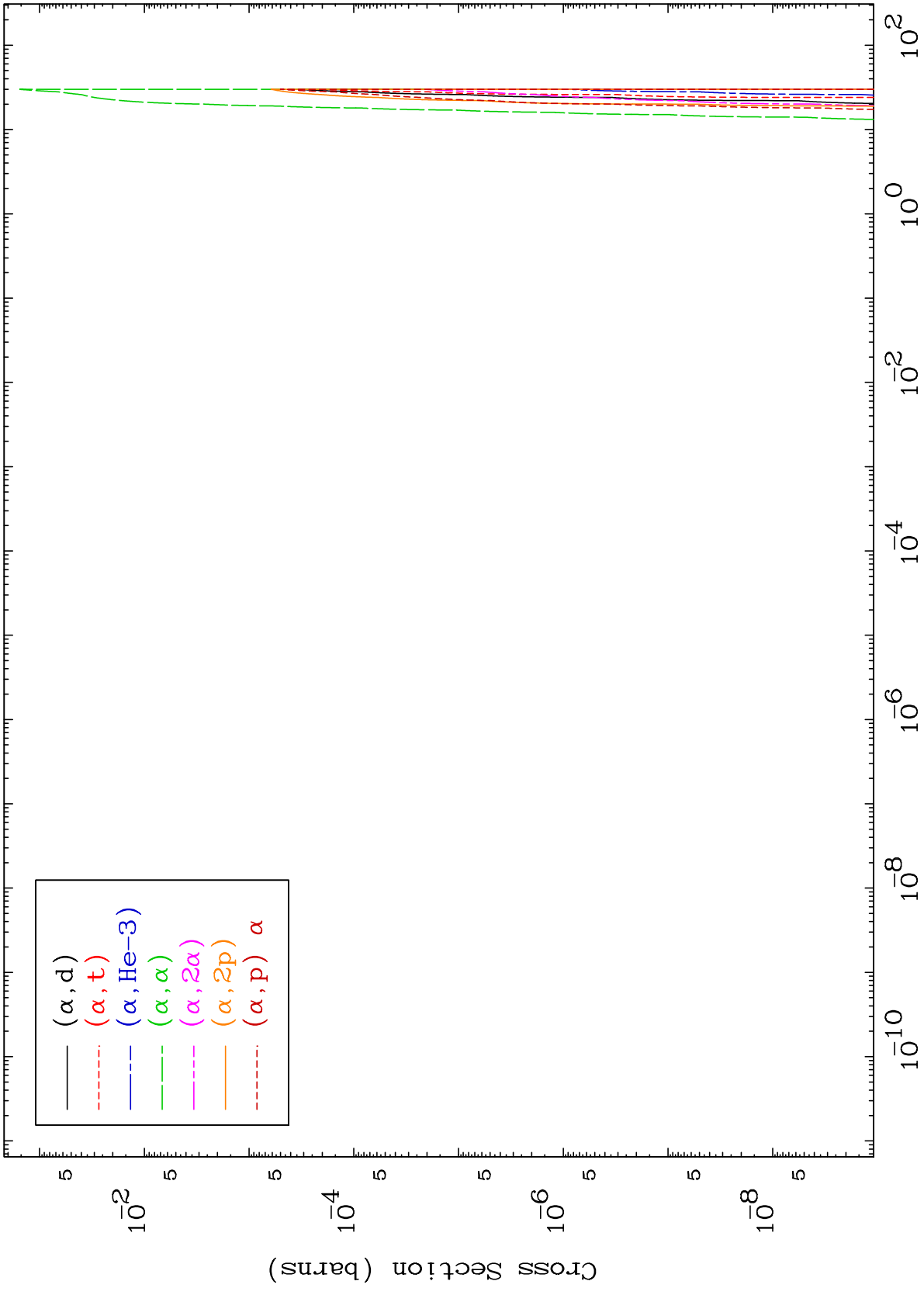




MAT 7889

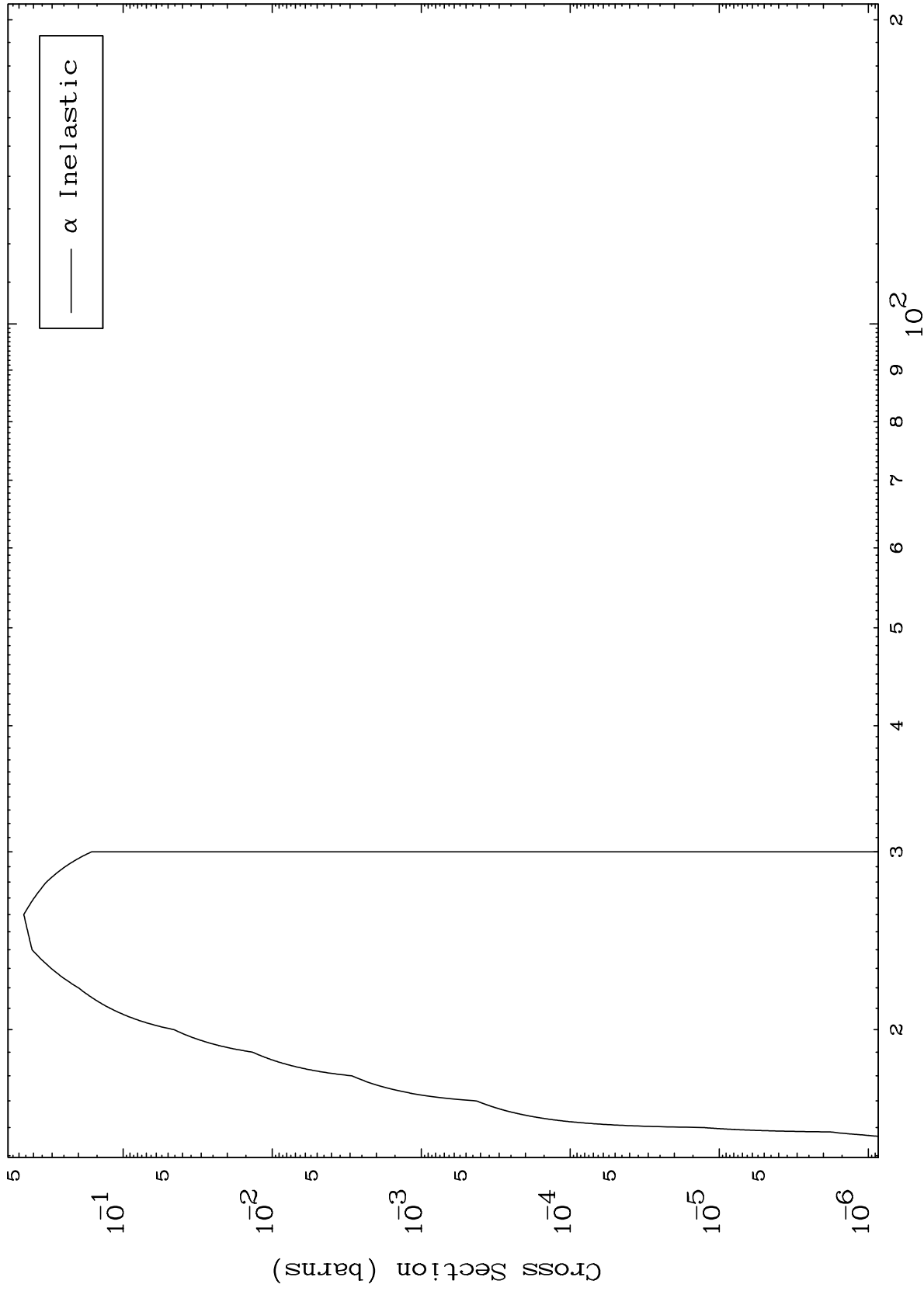
α Charged Particle
0 Kelvin Cross Sections

79-Au-185



79-Au-185

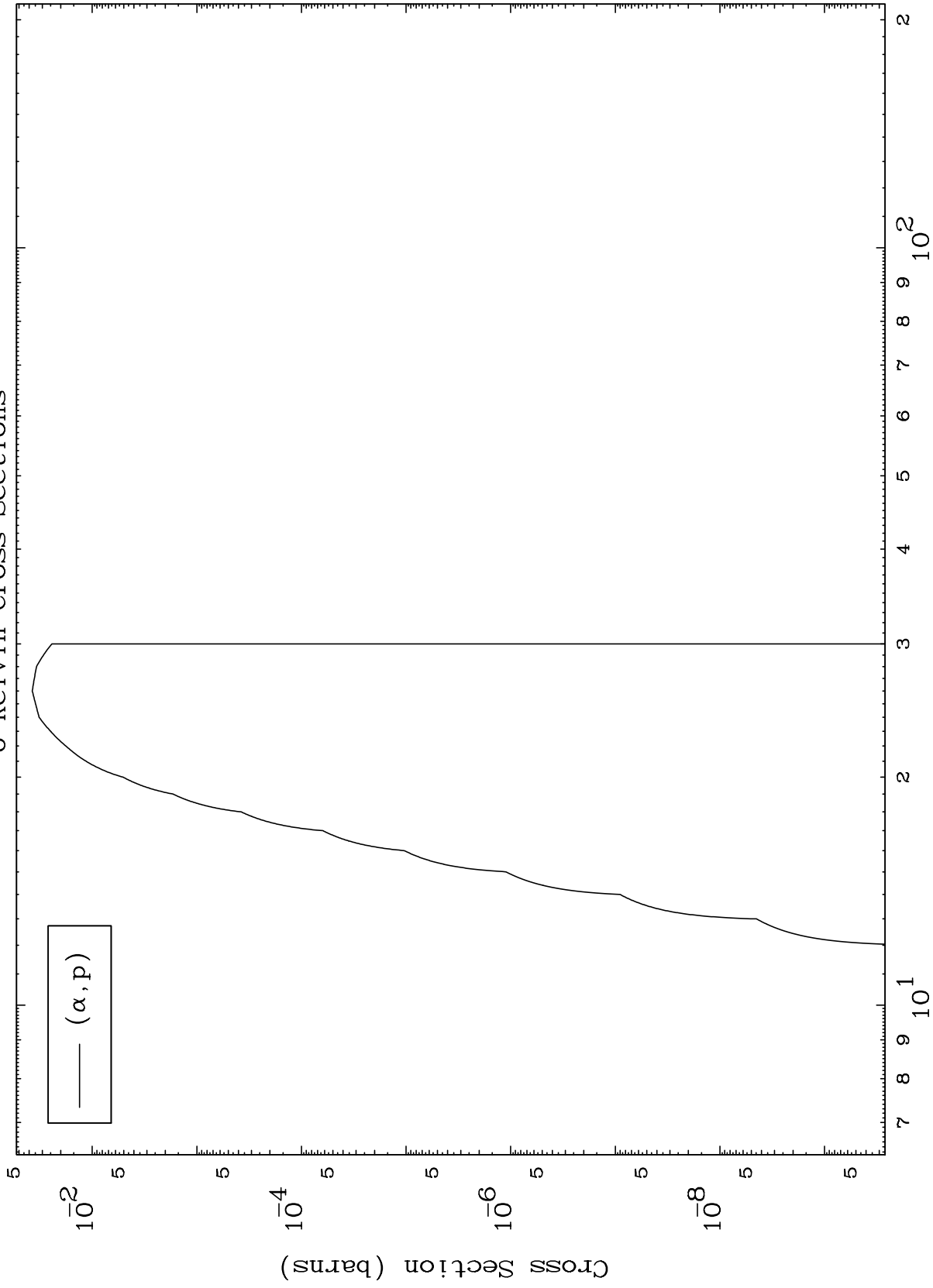
Incident Energy (MeV)



MAT 7889

(α, p) Levels
0 Kelvin Cross Sections

79-Au-185



6

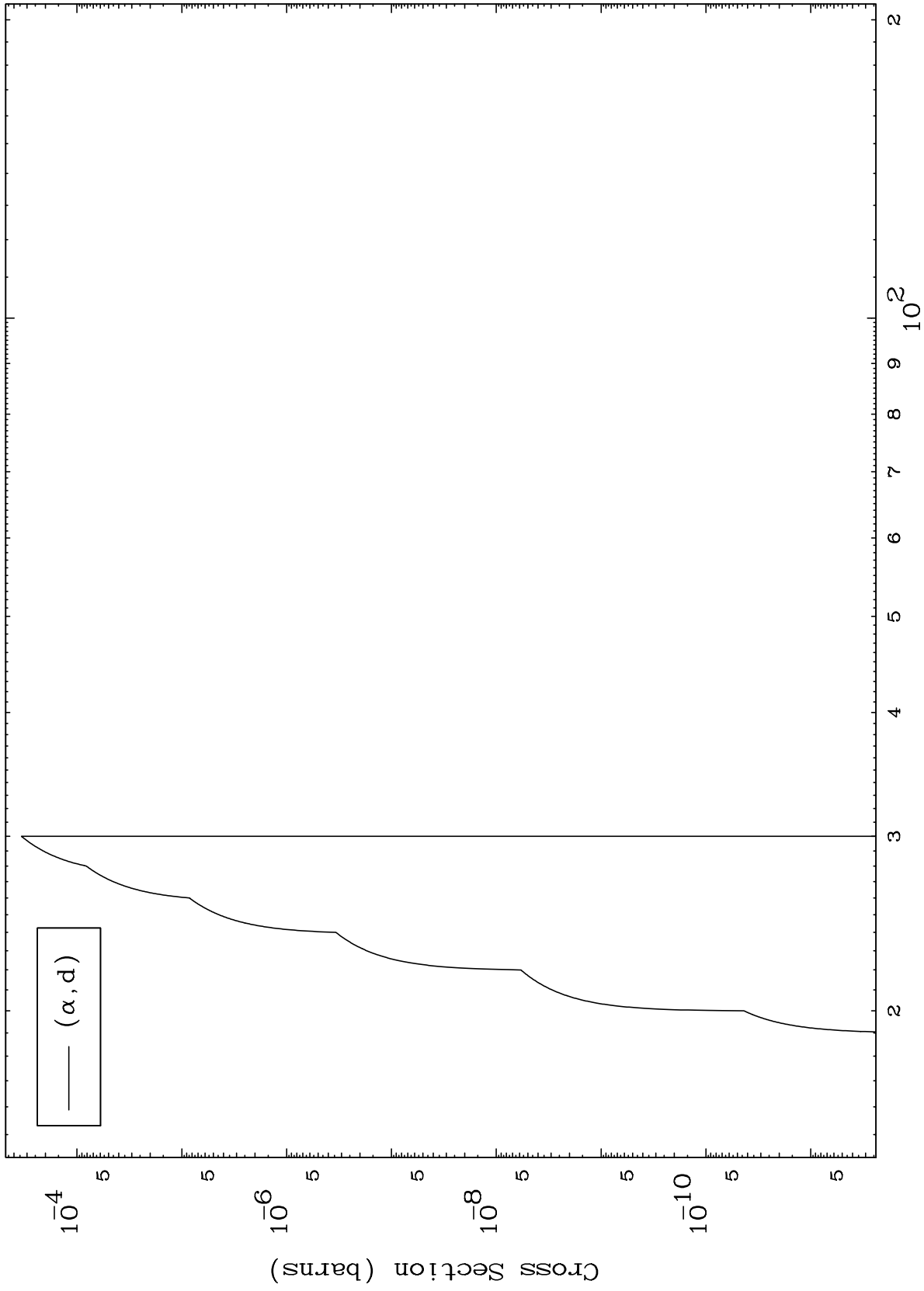
Incident Energy (MeV)

79-Au-185

MAT 7889

(α, d) Levels
0 Kelvin Cross Sections

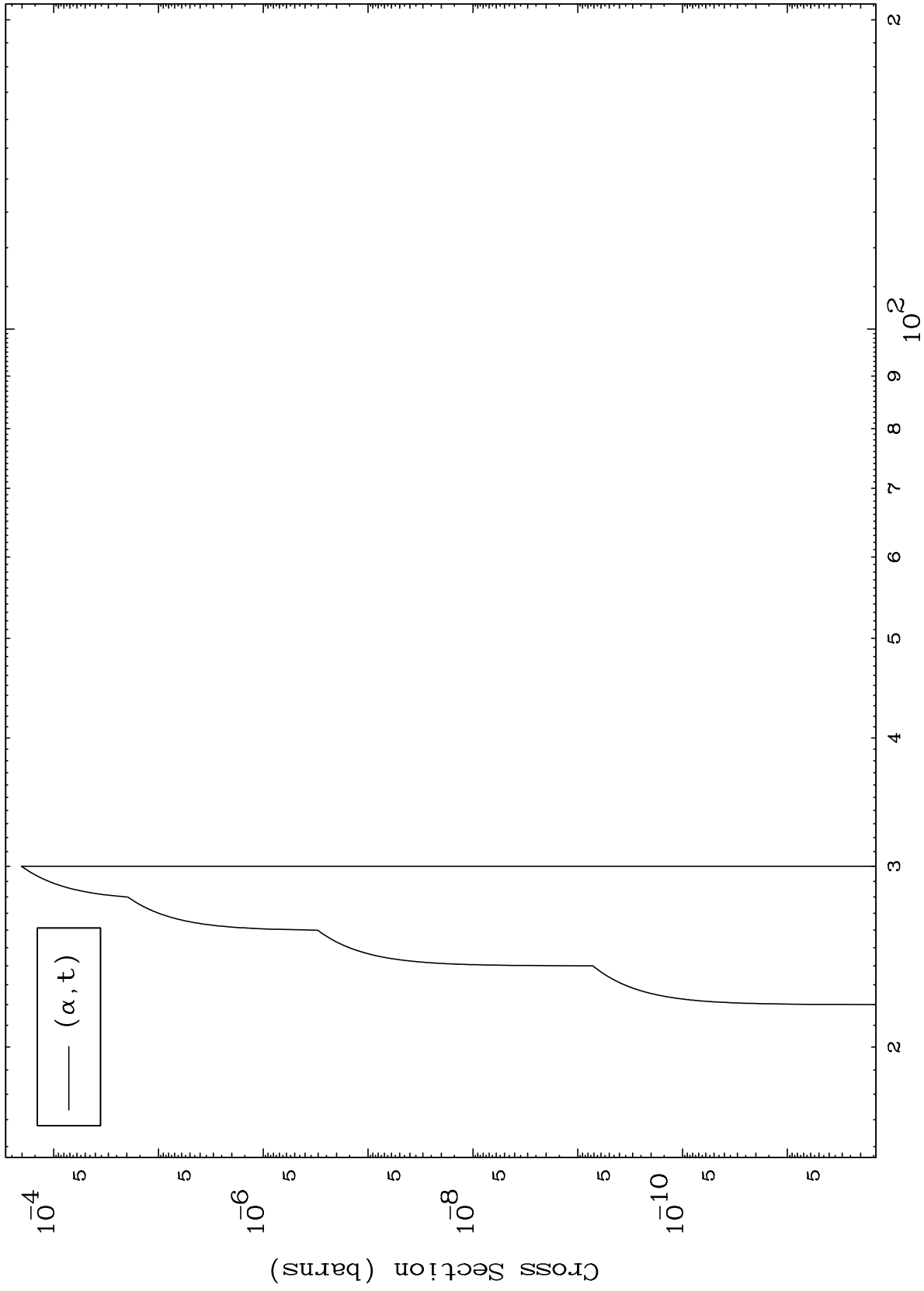
79-Au-185



MAT 7889

(α, t) Levels
0 Kelvin Cross Sections

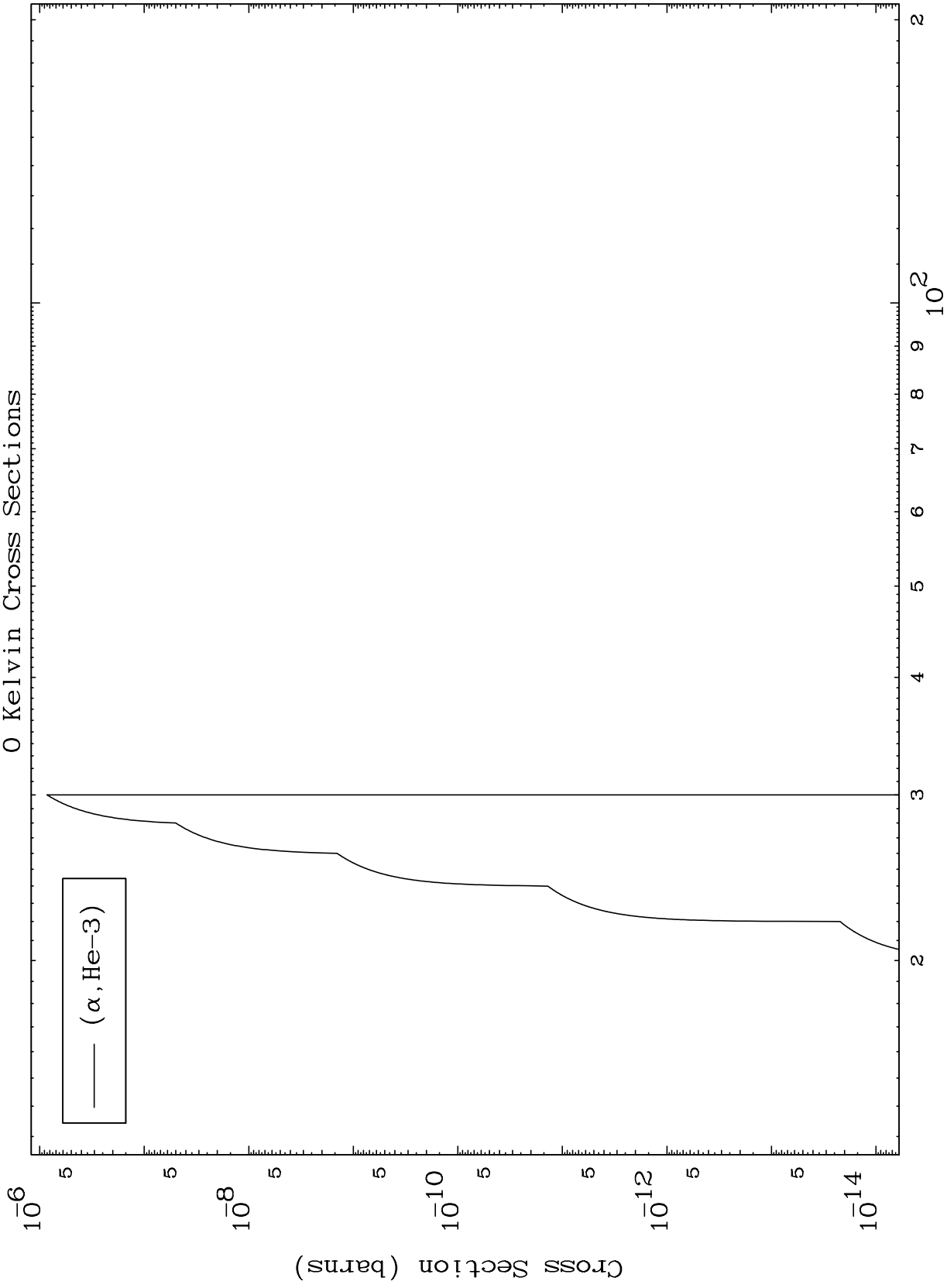
79-Au-185



8

Incident Energy (MeV)

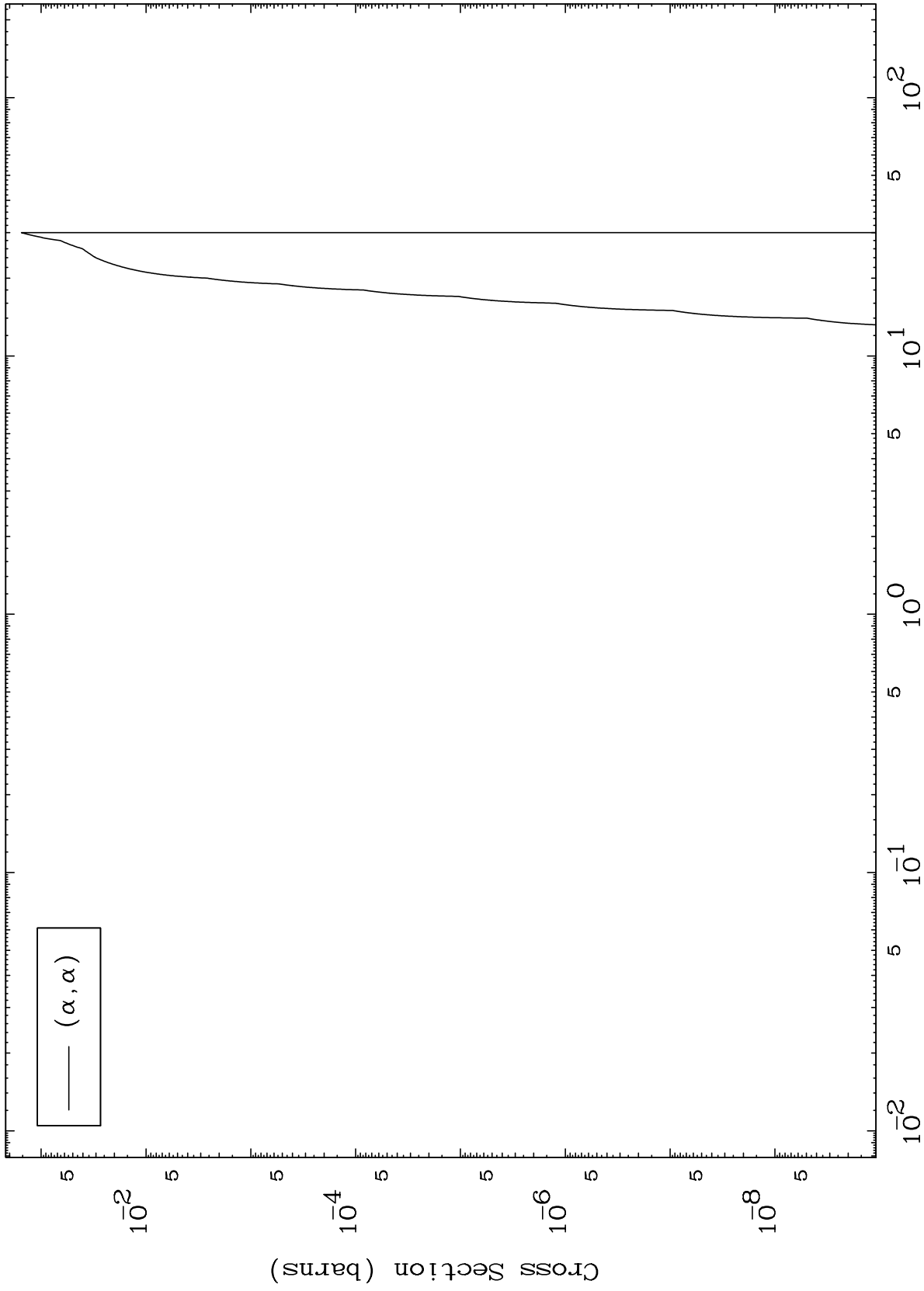
79-Au-185



MAT 7889

(α, α) Levels
0 Kelvin Cross Sections

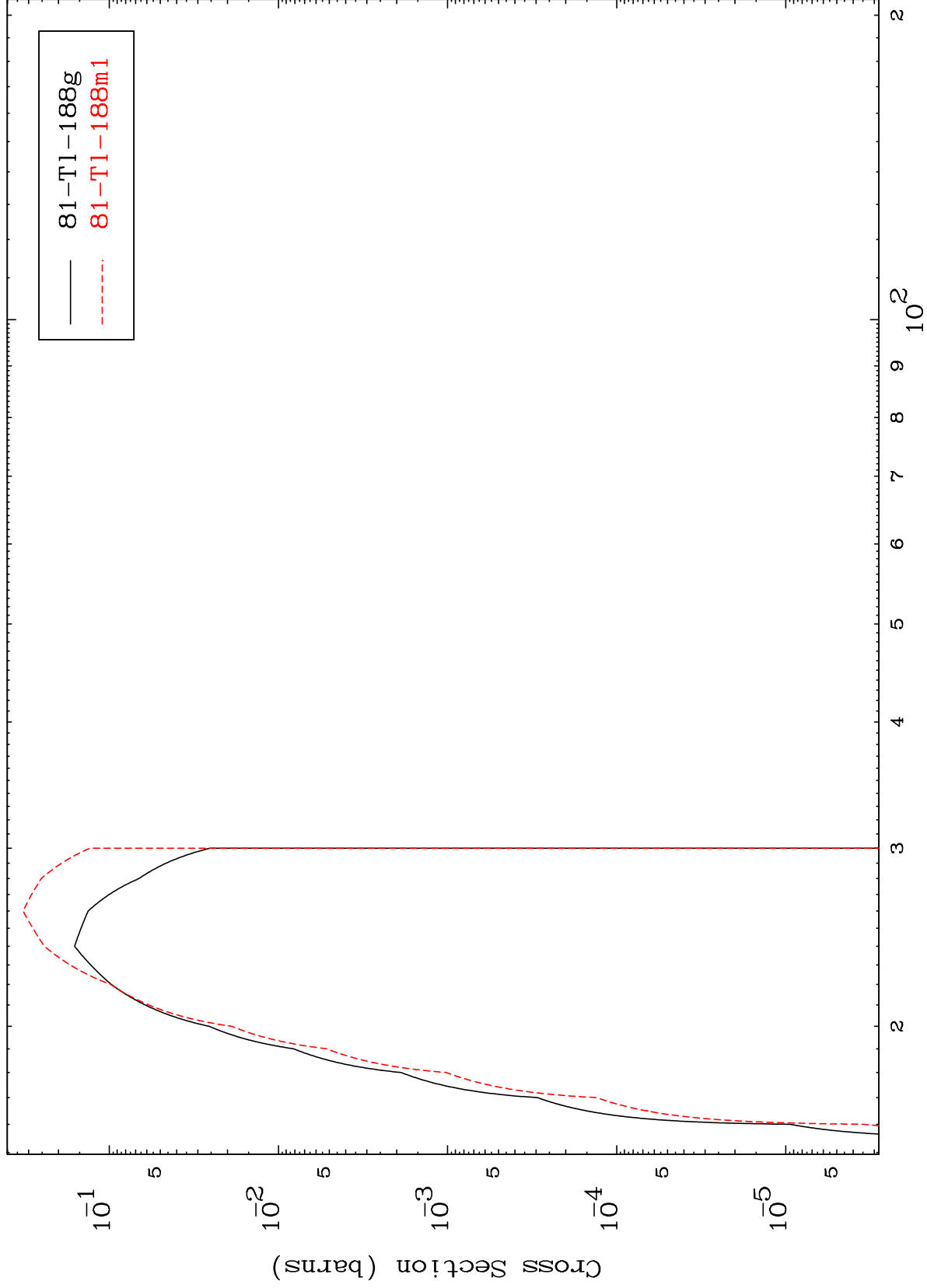
79-Au-185



Incident Energy (MeV)

79-Au-185

α Inelastic
Radionuclide Production Cross Section

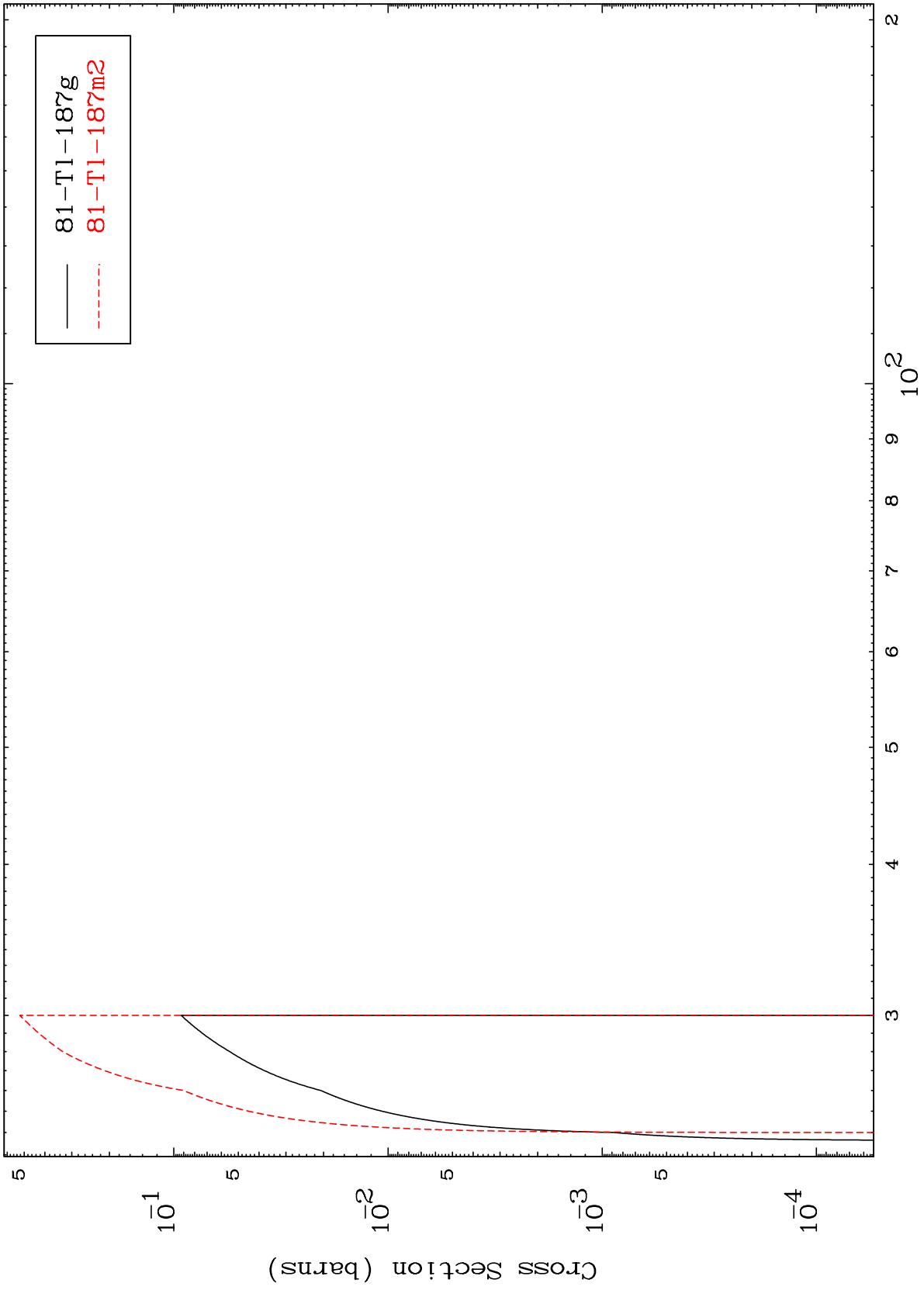


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($\alpha, 2n$)

79-Au-185

Radionuclide Production Cross Section



12

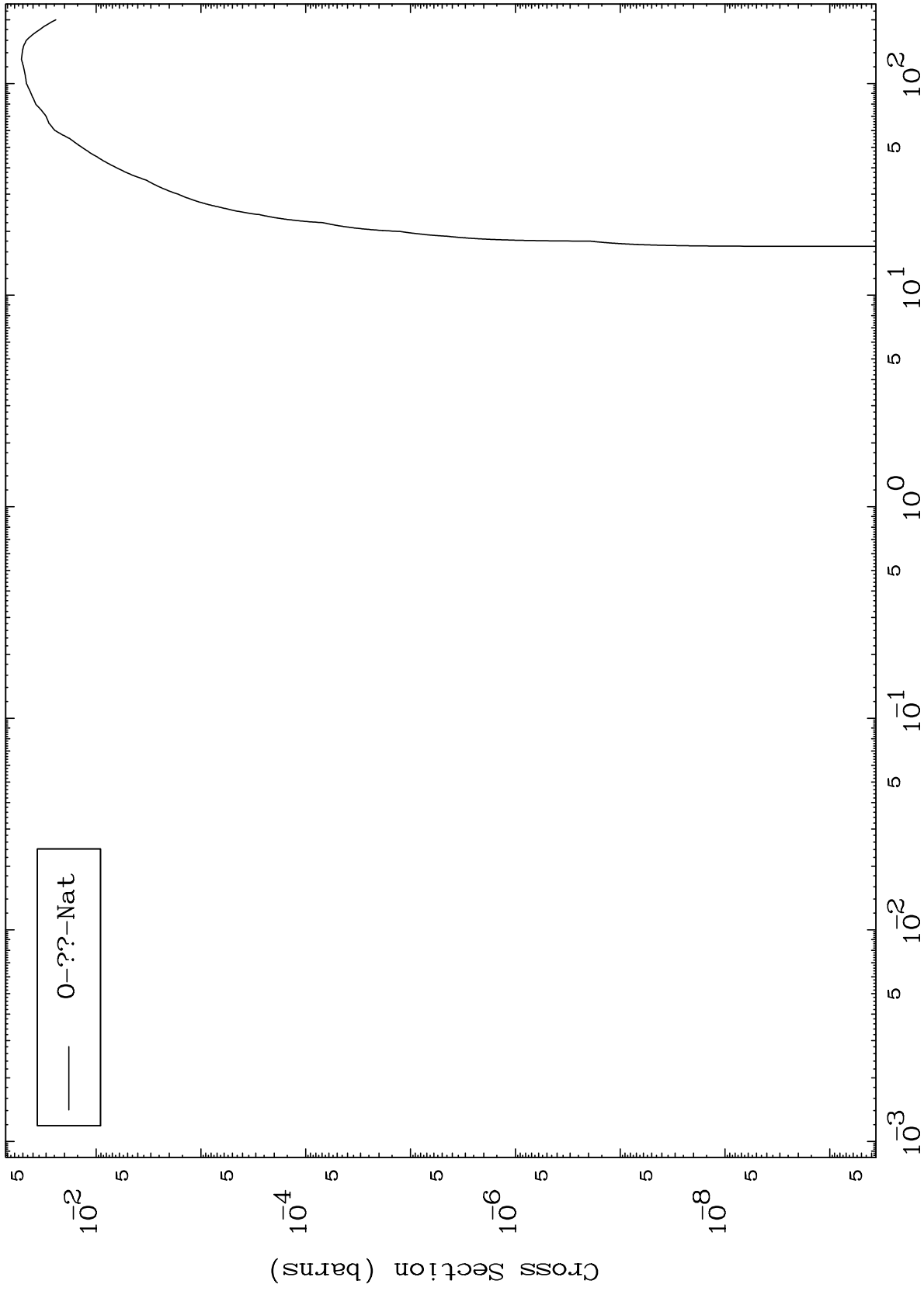
Incident Energy (MeV)

79-Au-185

MAT 7889

α Fission
Radionuclide Production Cross Section

79-Au-185



13

Incident Energy (MeV)

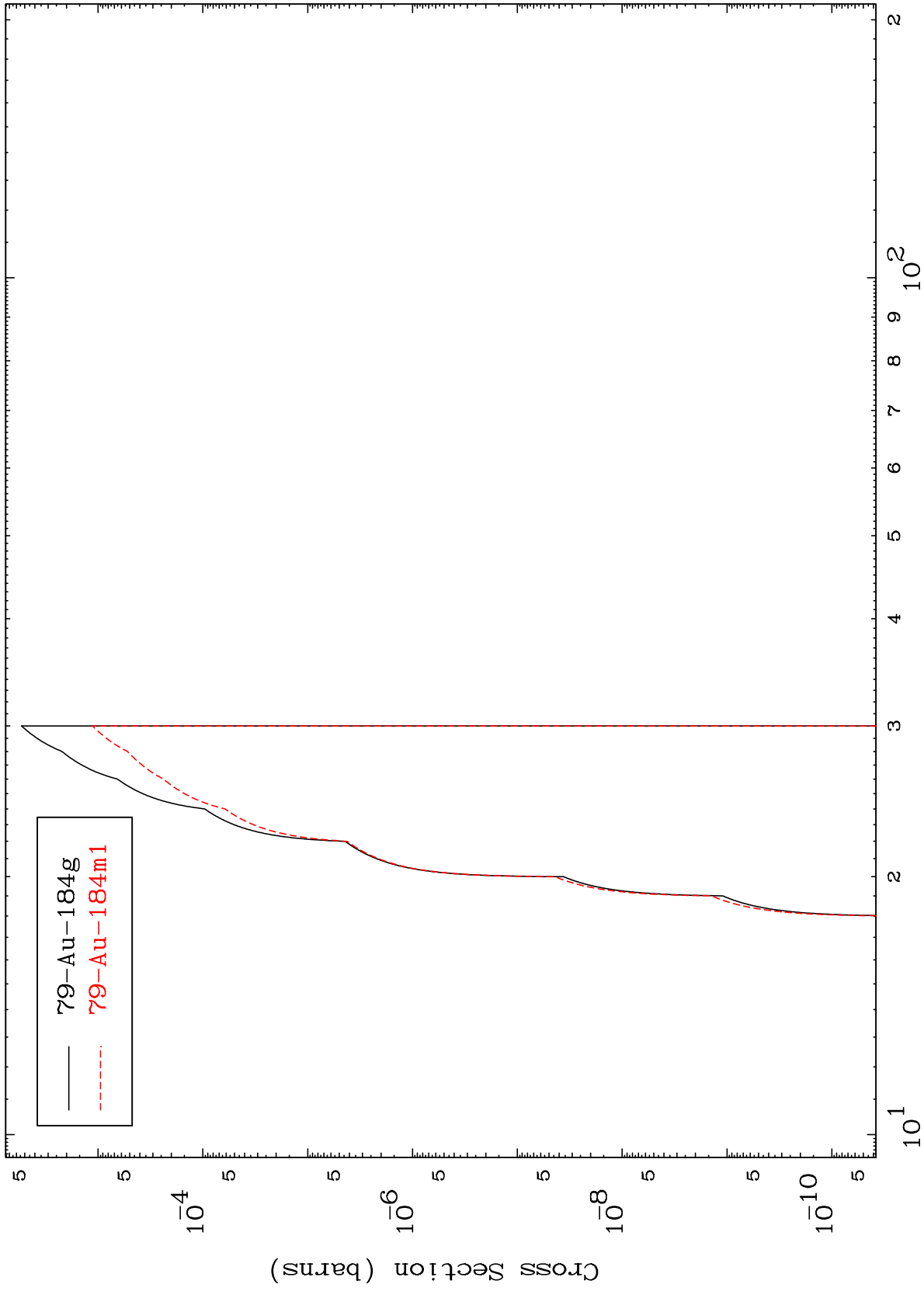
79-Au-185

MAT 7889

(α, n') α

$^{79}\text{Au-185}$

Radionuclide Production Cross Section



14

Incident Energy (MeV)

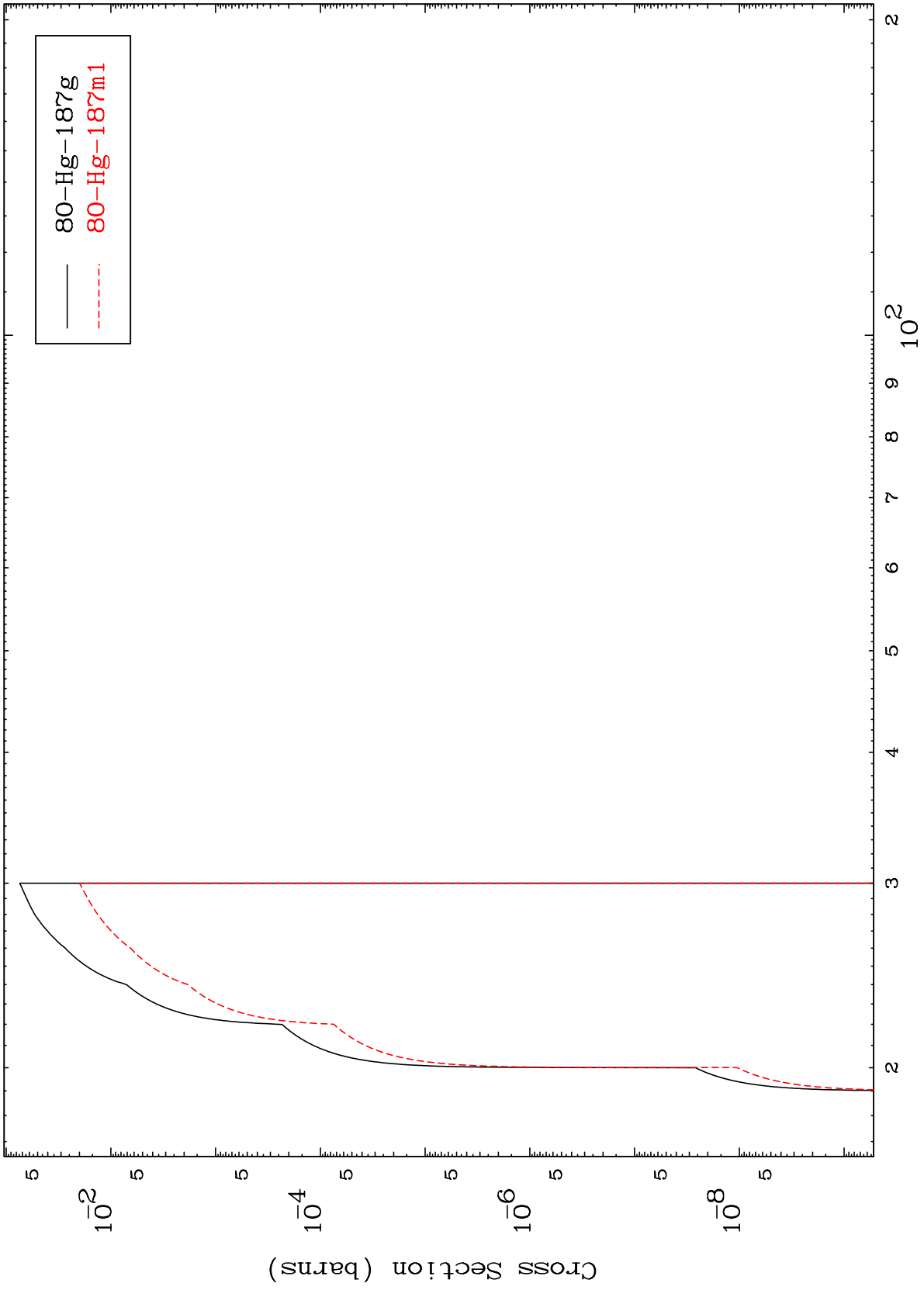
$^{79}\text{Au-185}$

MAT 7889

(α, n') p

79-Au-185

Radionuclide Production Cross Section



15

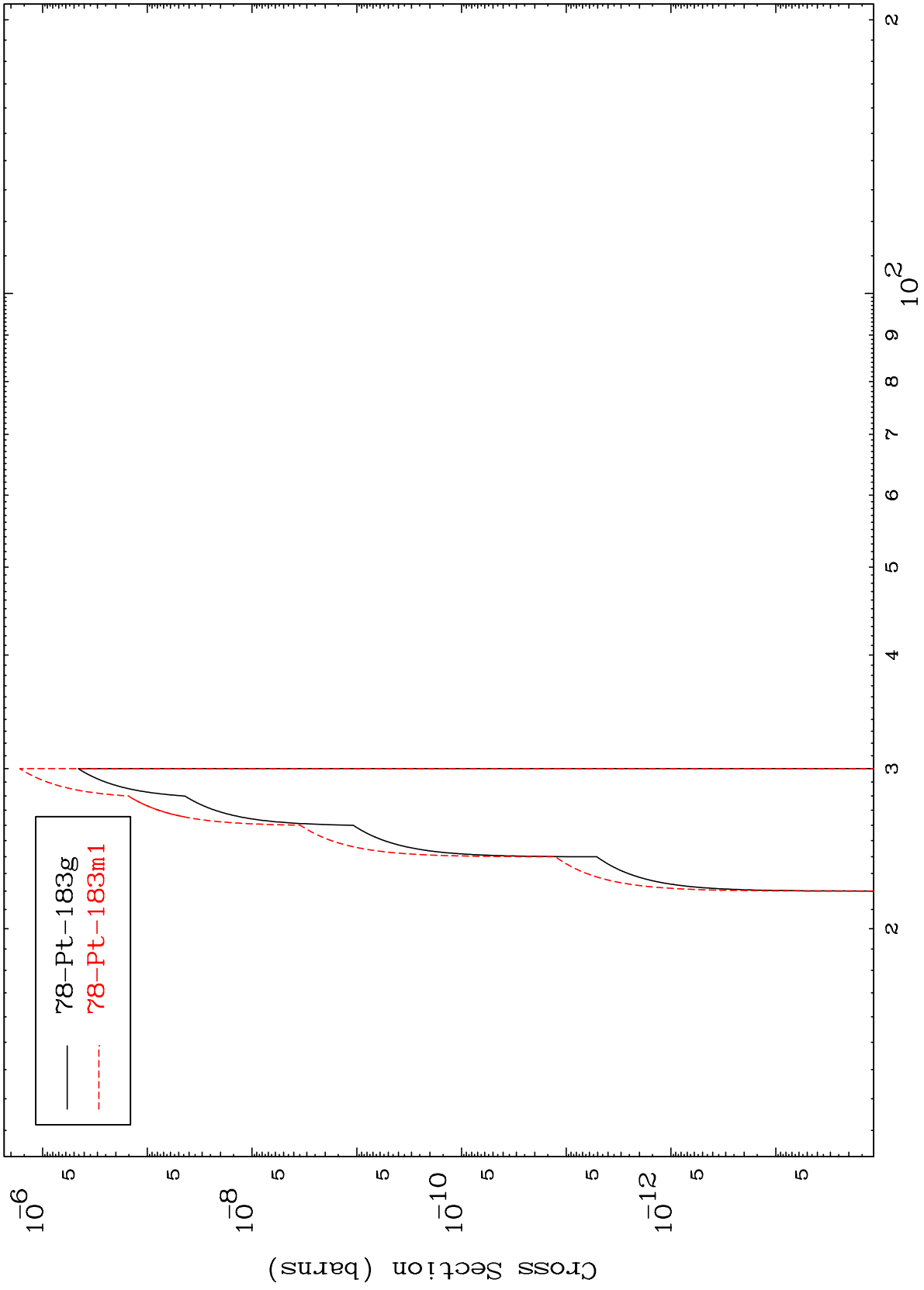
Incident Energy (MeV)

79-Au-185

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79-Au-185

(α, n') p α
Radionuclide Production Cross Section



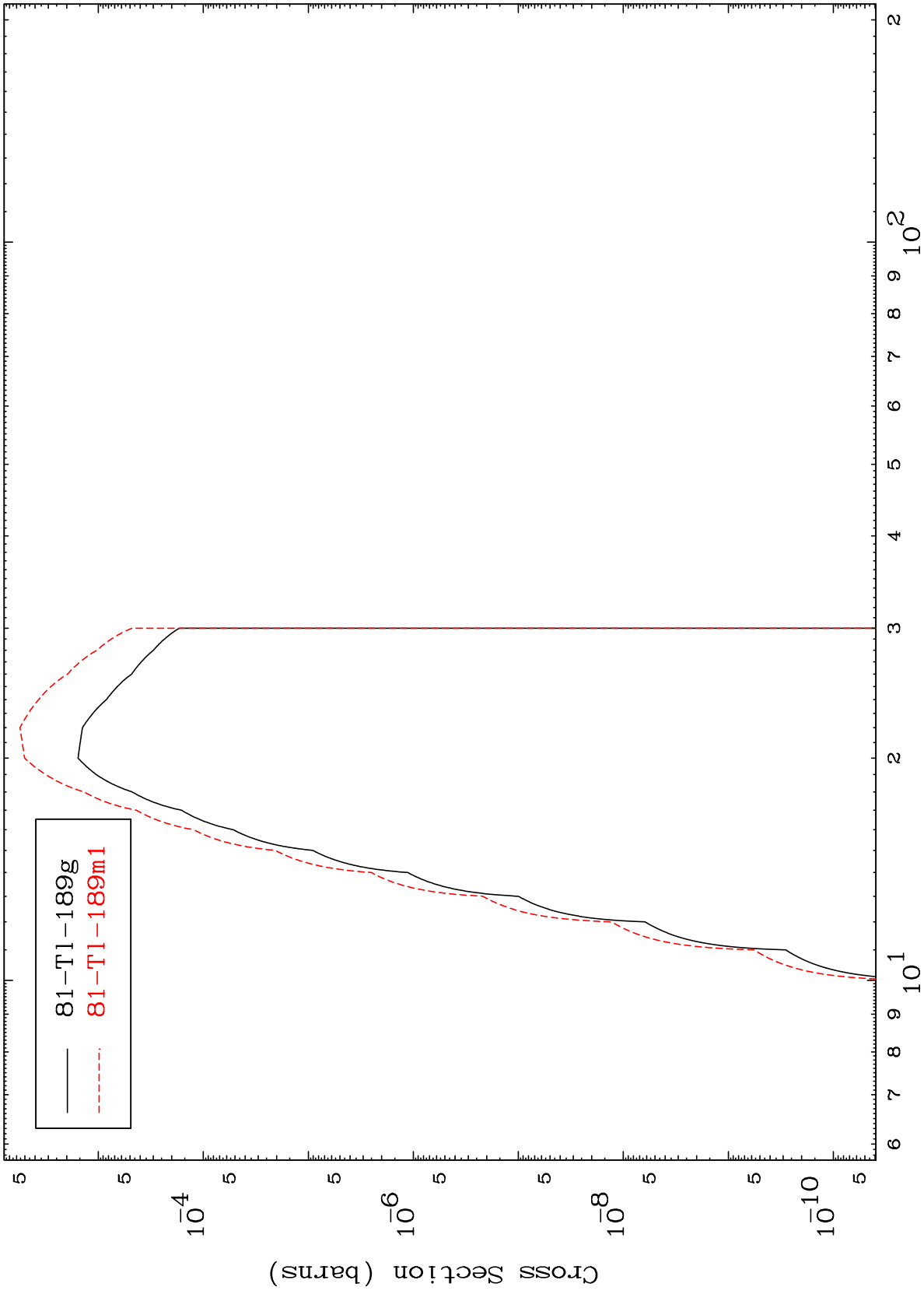
16

79-Au-185

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79-Au-185

(α, γ)
Radionuclide Production Cross Section



17

Incident Energy (MeV)

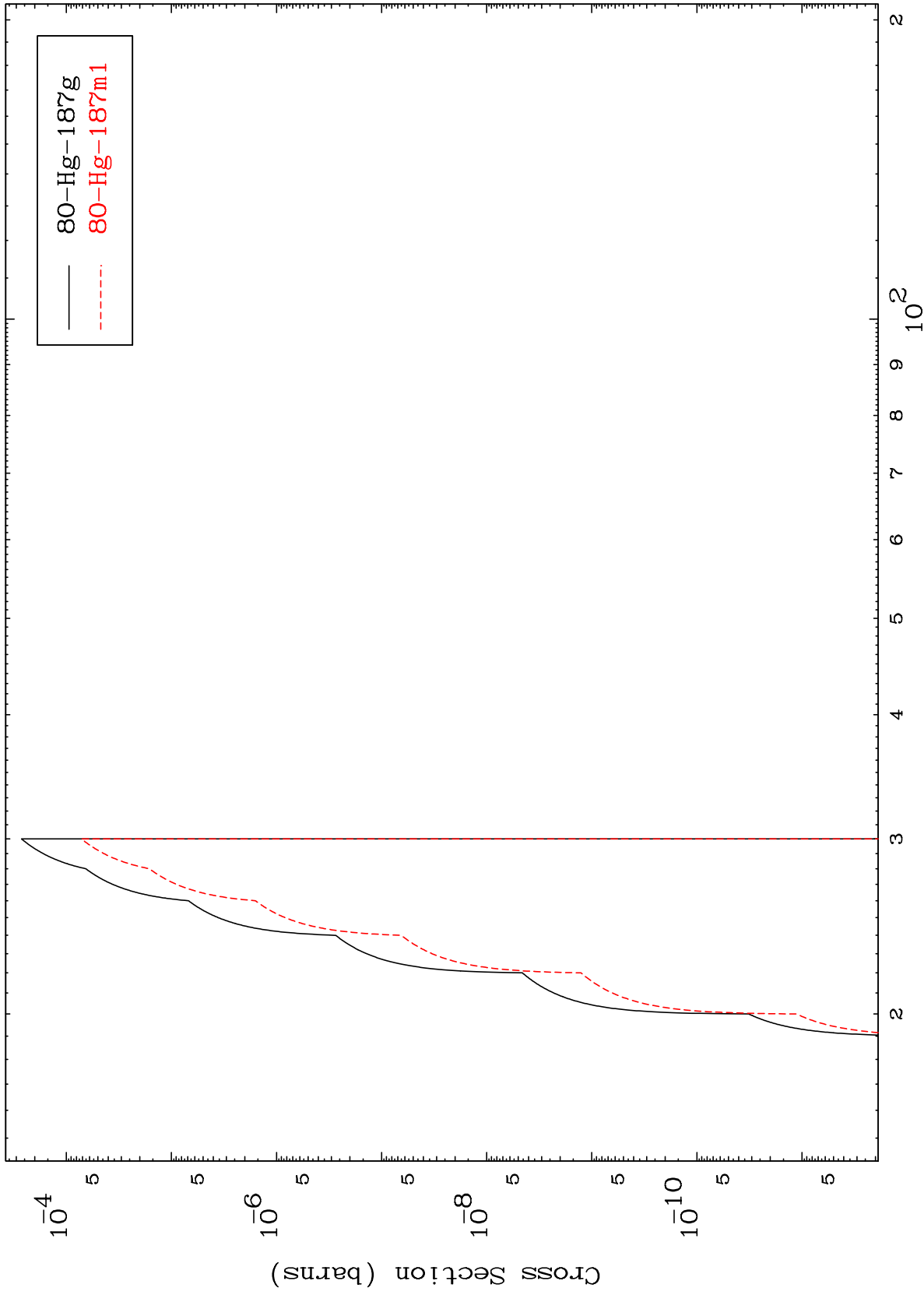
79-Au-185

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(α, d)

79-Au-185

Radionuclide Production Cross Section



18

Incident Energy (MeV)

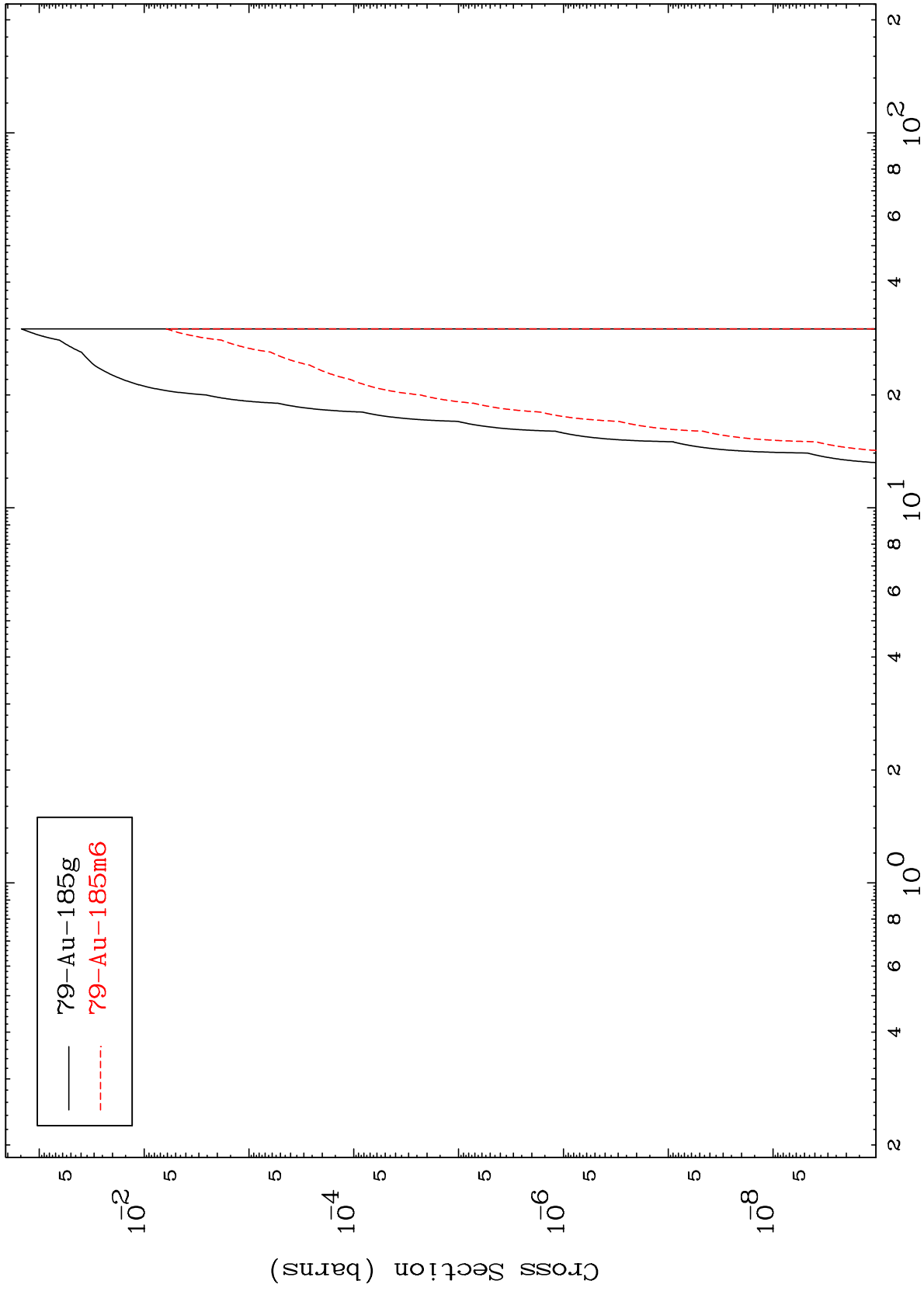
79-Au-185

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(α, α)

⁷⁹Au-185

Radionuclide Production Cross Section



19

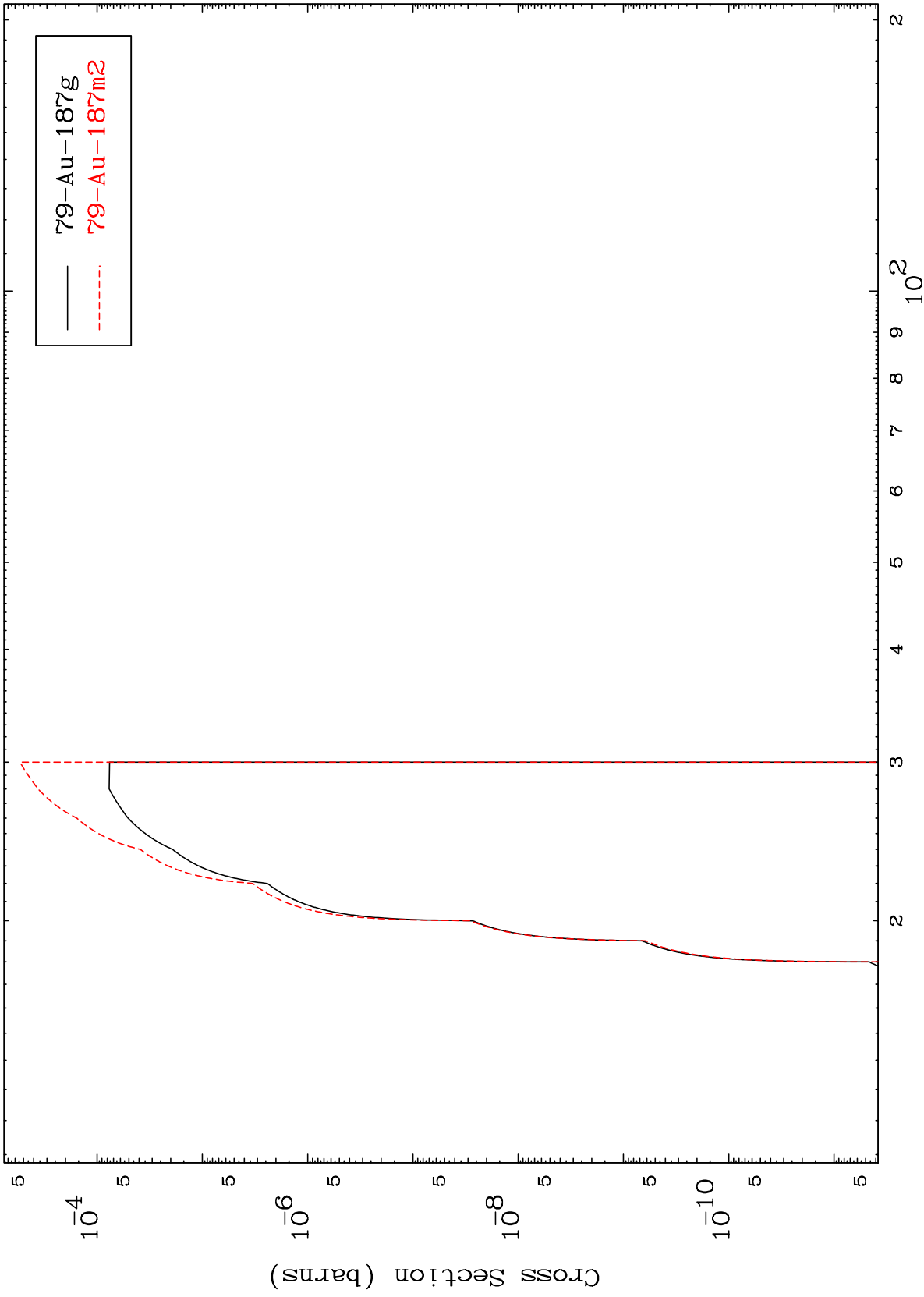
Incident Energy (MeV)

⁷⁹Au-185

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⁷⁹Au-185

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



20

⁷⁹Au-185

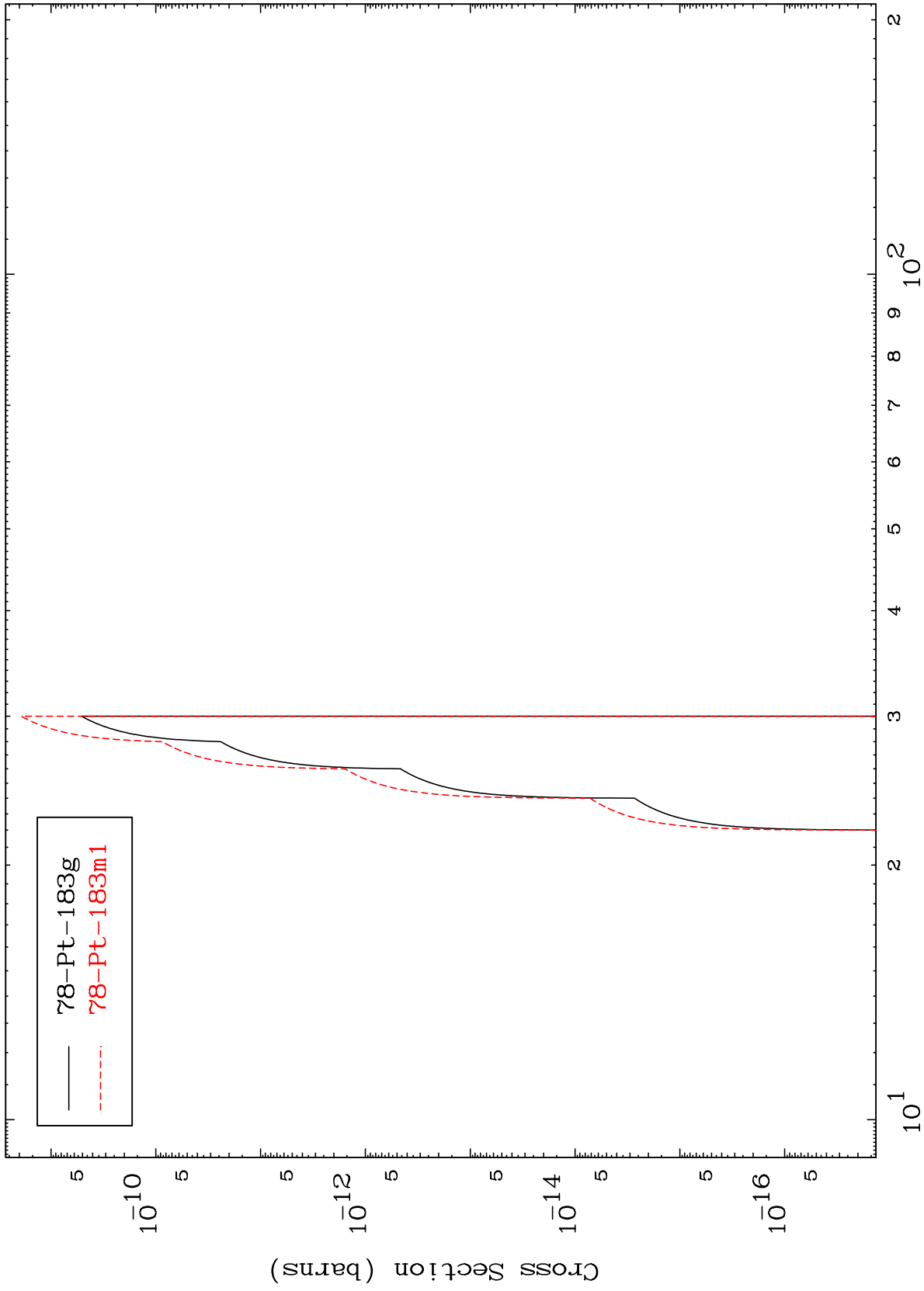
Incident Energy (MeV)

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(α, d) α

79-Au-185

Radionuclide Production Cross Section



21

79-Au-185