

Program EVALPLOT
(Version 2018-1)

by

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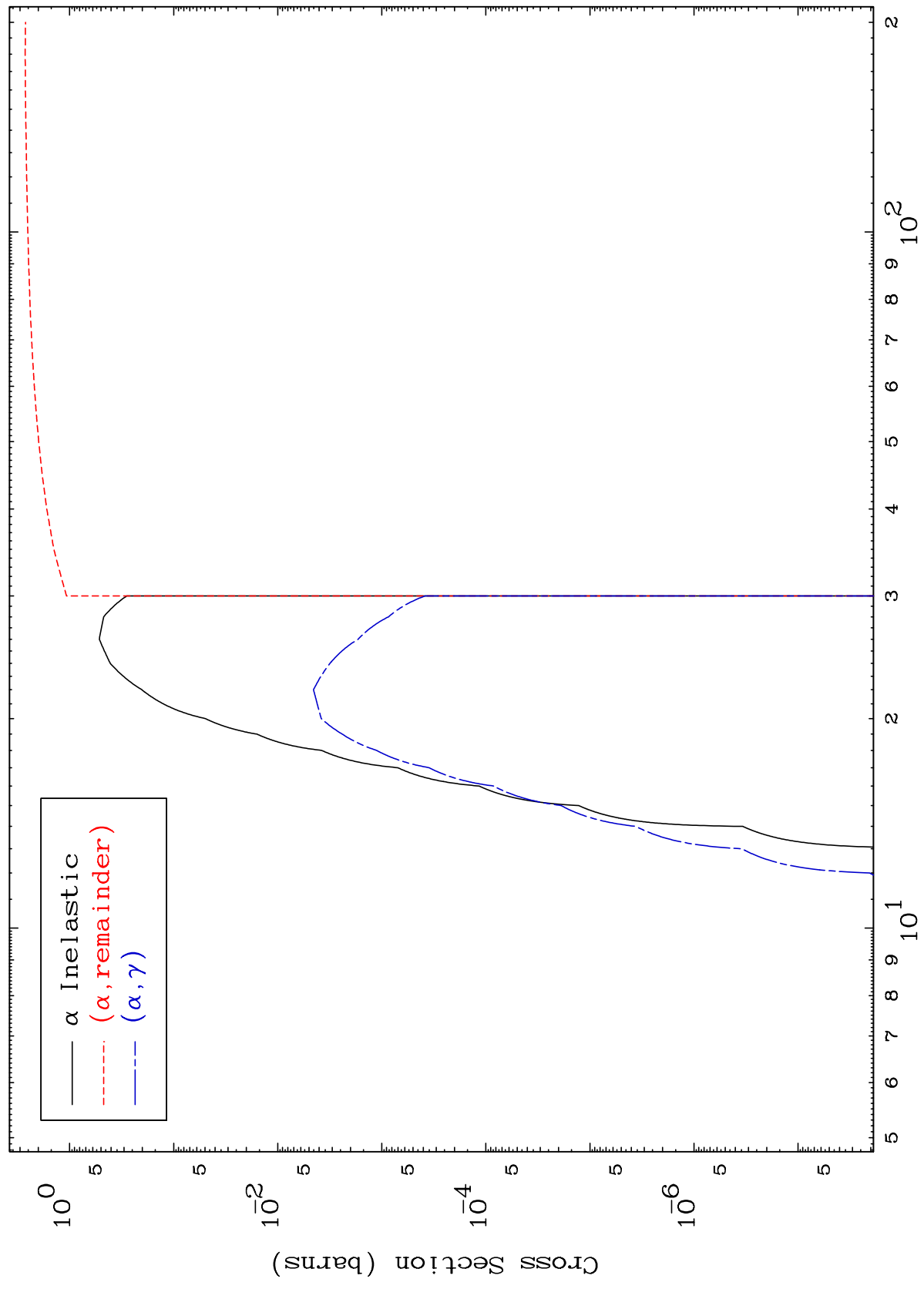
Press Mouse Button to Start

MAT 7892

0 Kelvin

α Major

79-Au-186



1

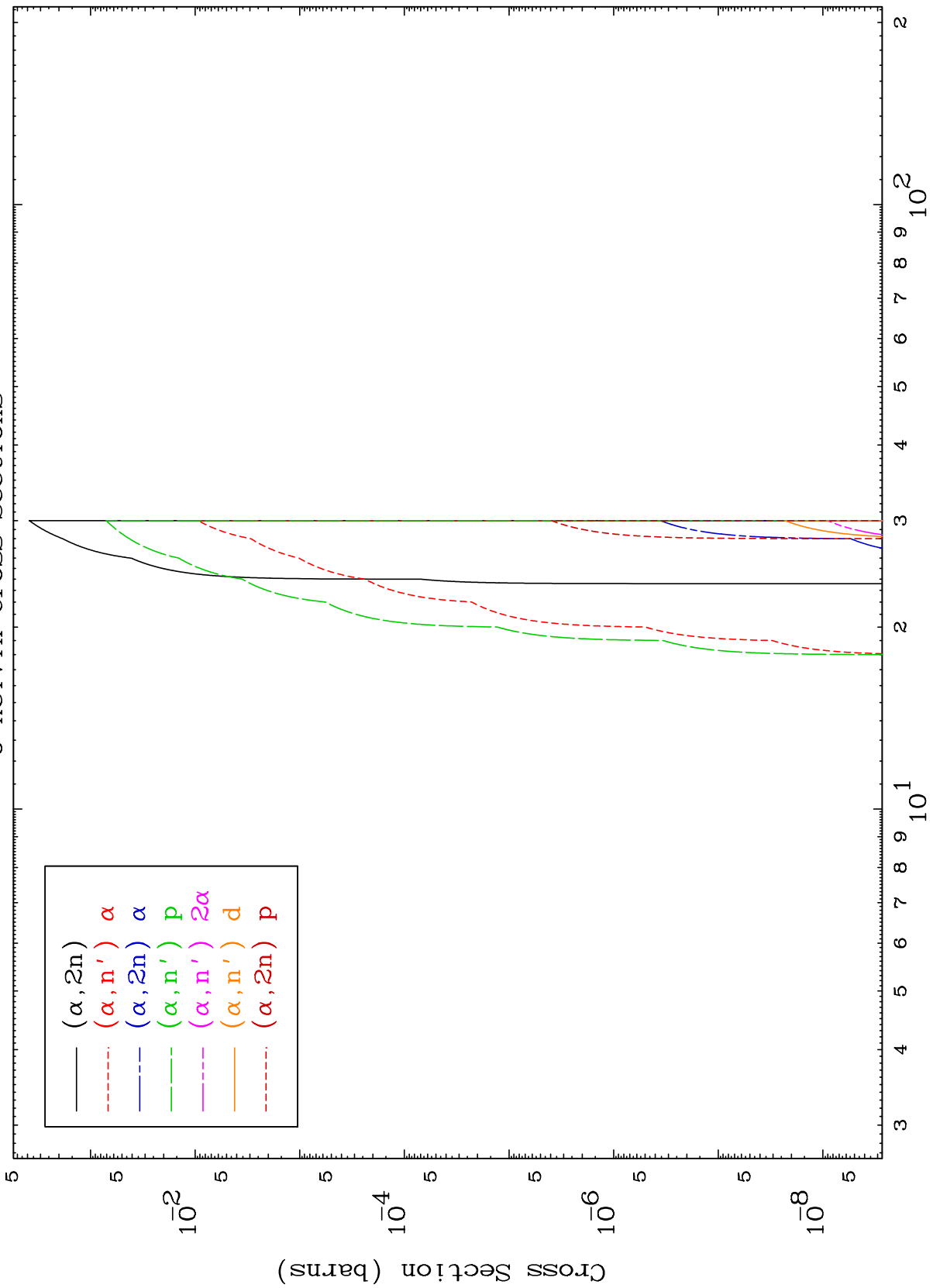
Incident Energy (MeV)

79-Au-186

MAT 7892

α Neutron Production
0 Kelvin Cross Sections

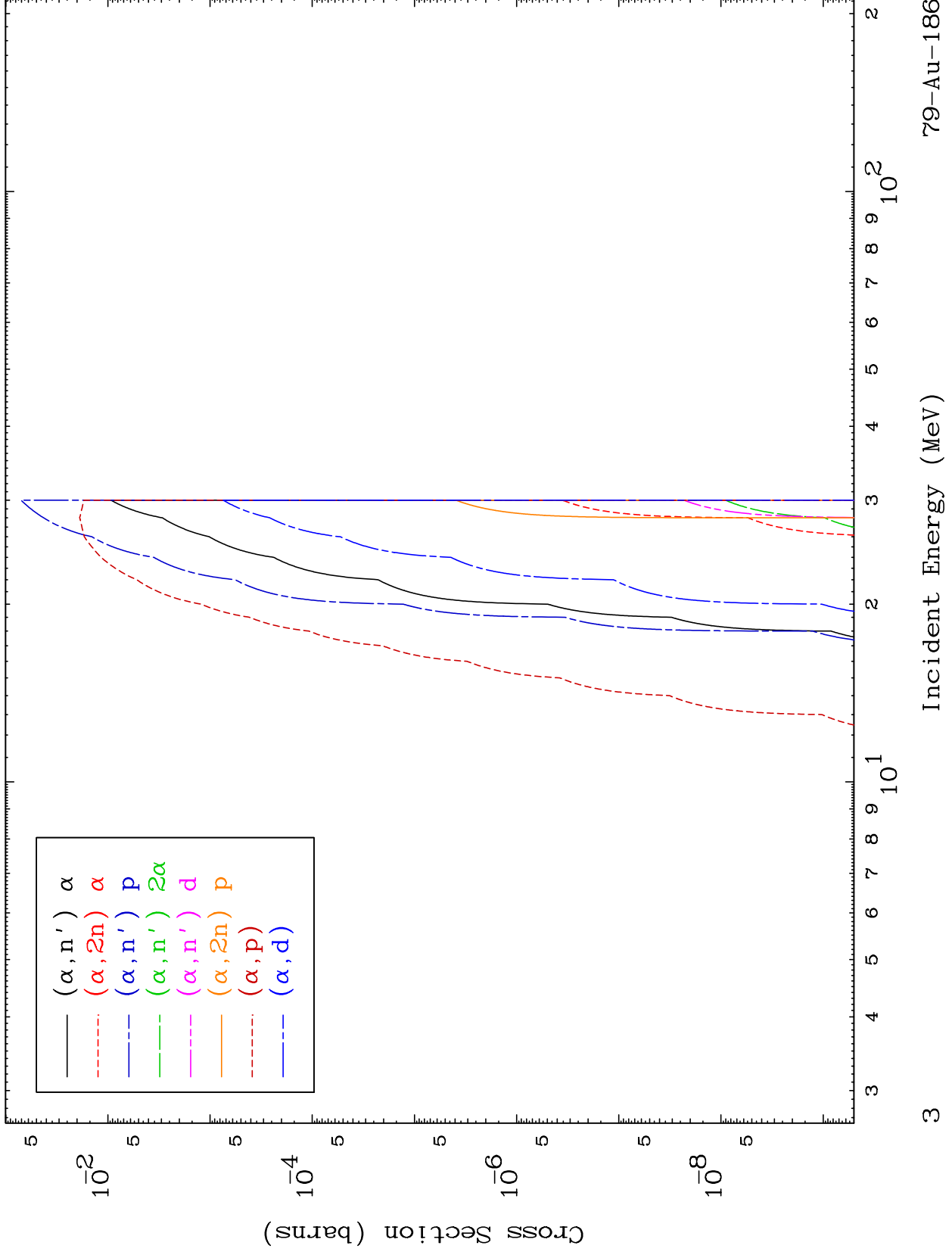
79-Au-186

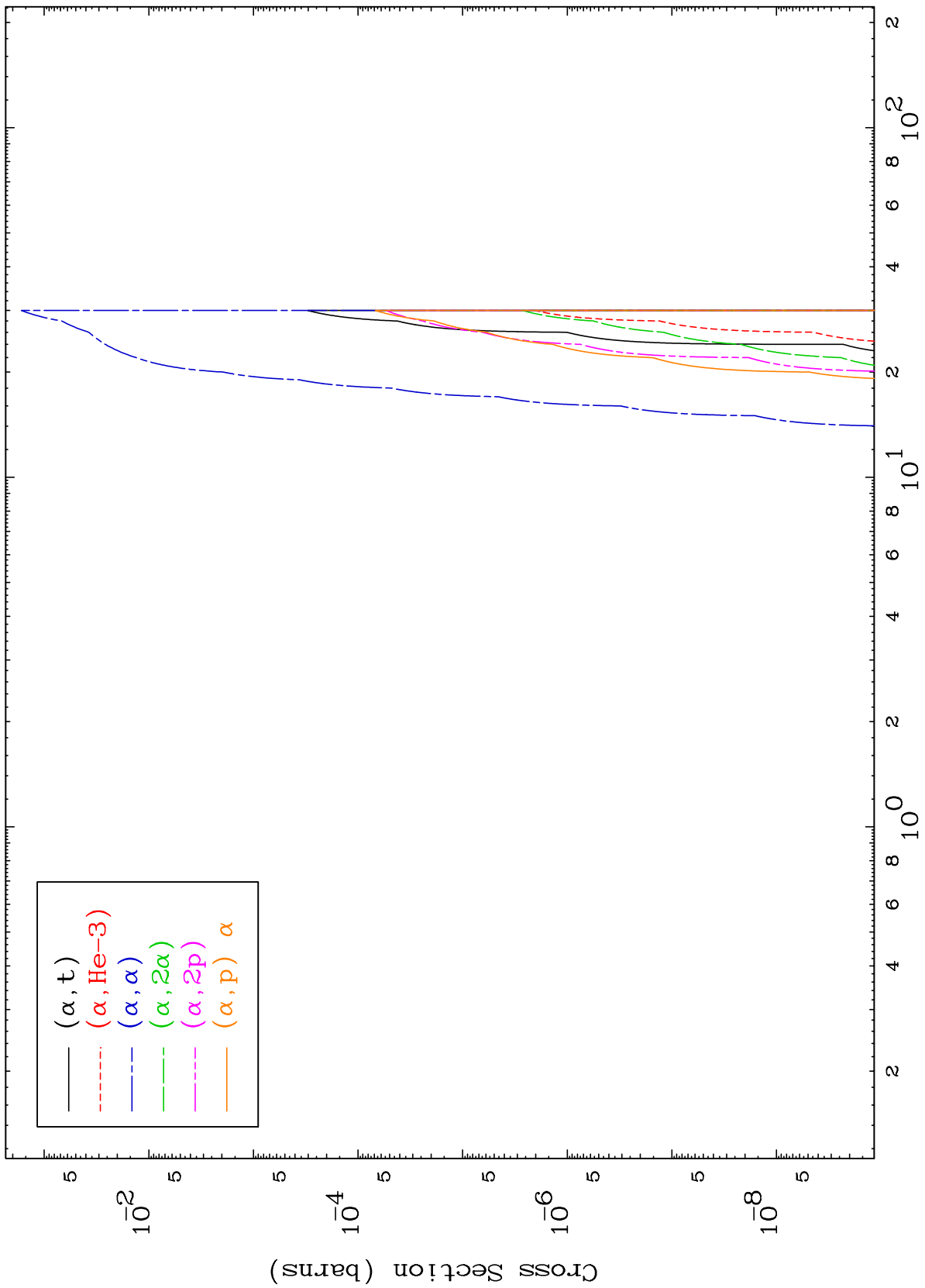


2

Incident Energy (MeV)

79-Au-186

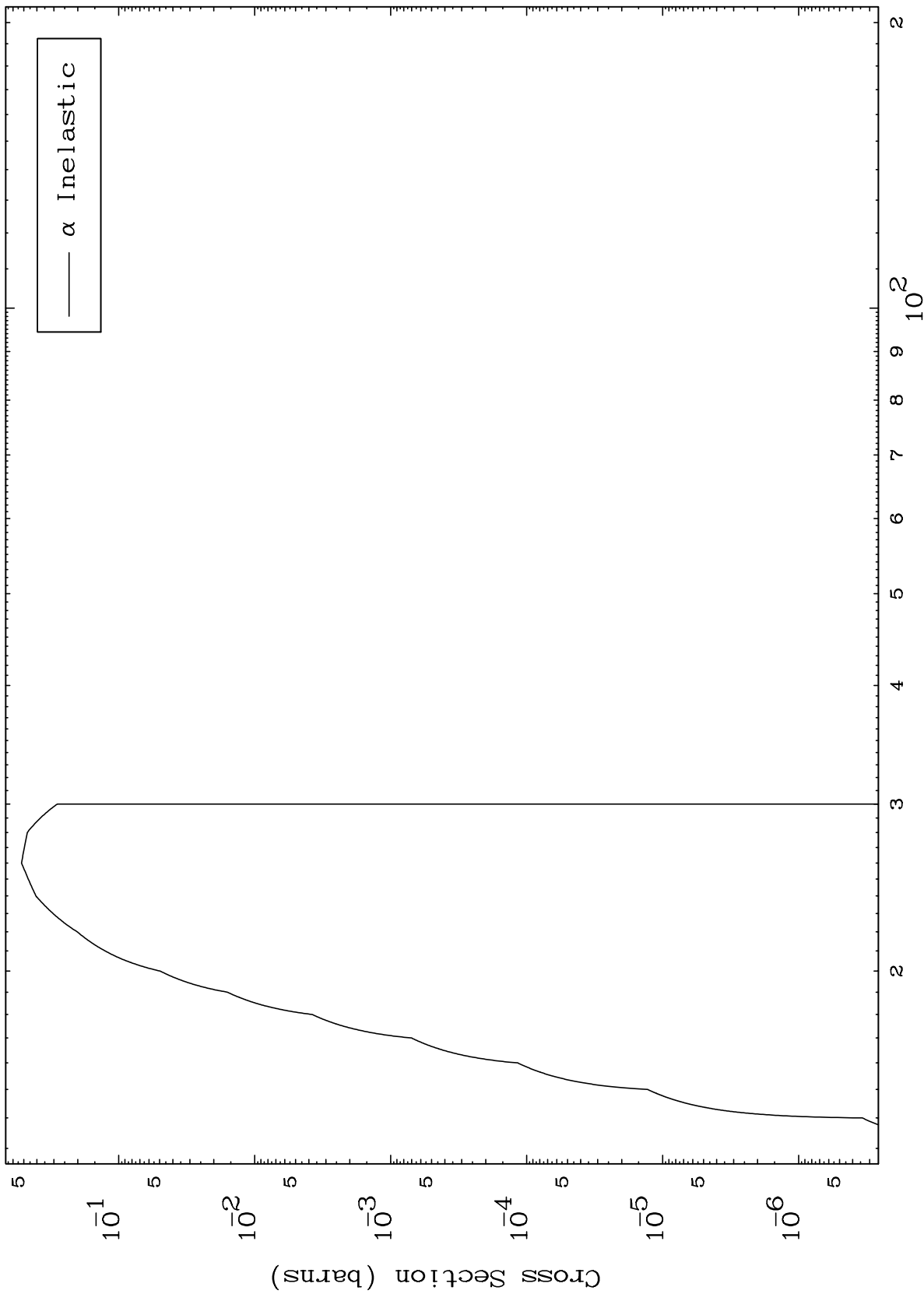




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(α, n') Level
0 Kelvin Cross Sections

79-Au-186



5

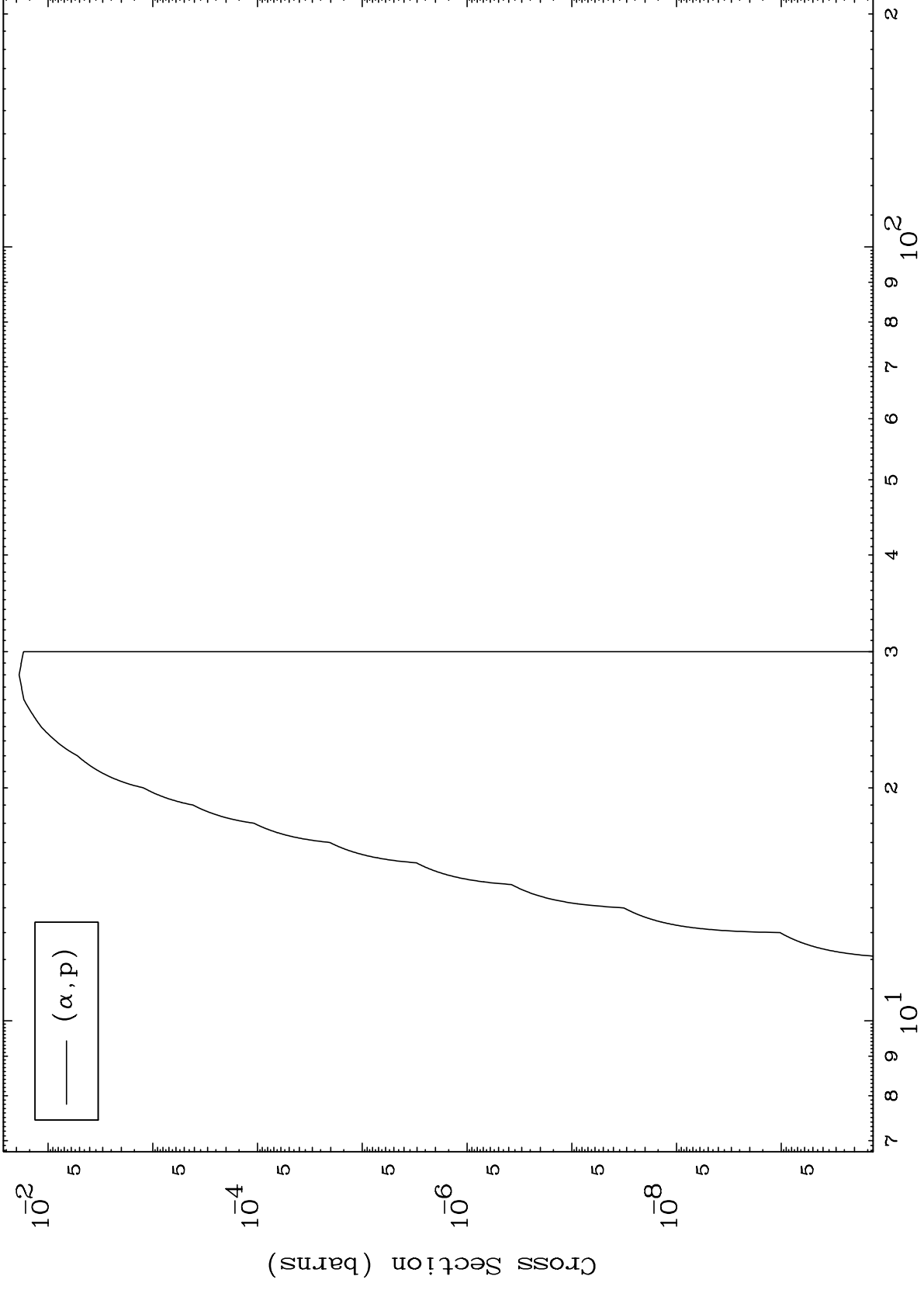
Incident Energy (MeV)

79-Au-186

MAT 7892

(α, p) Levels
0 Kelvin Cross Sections

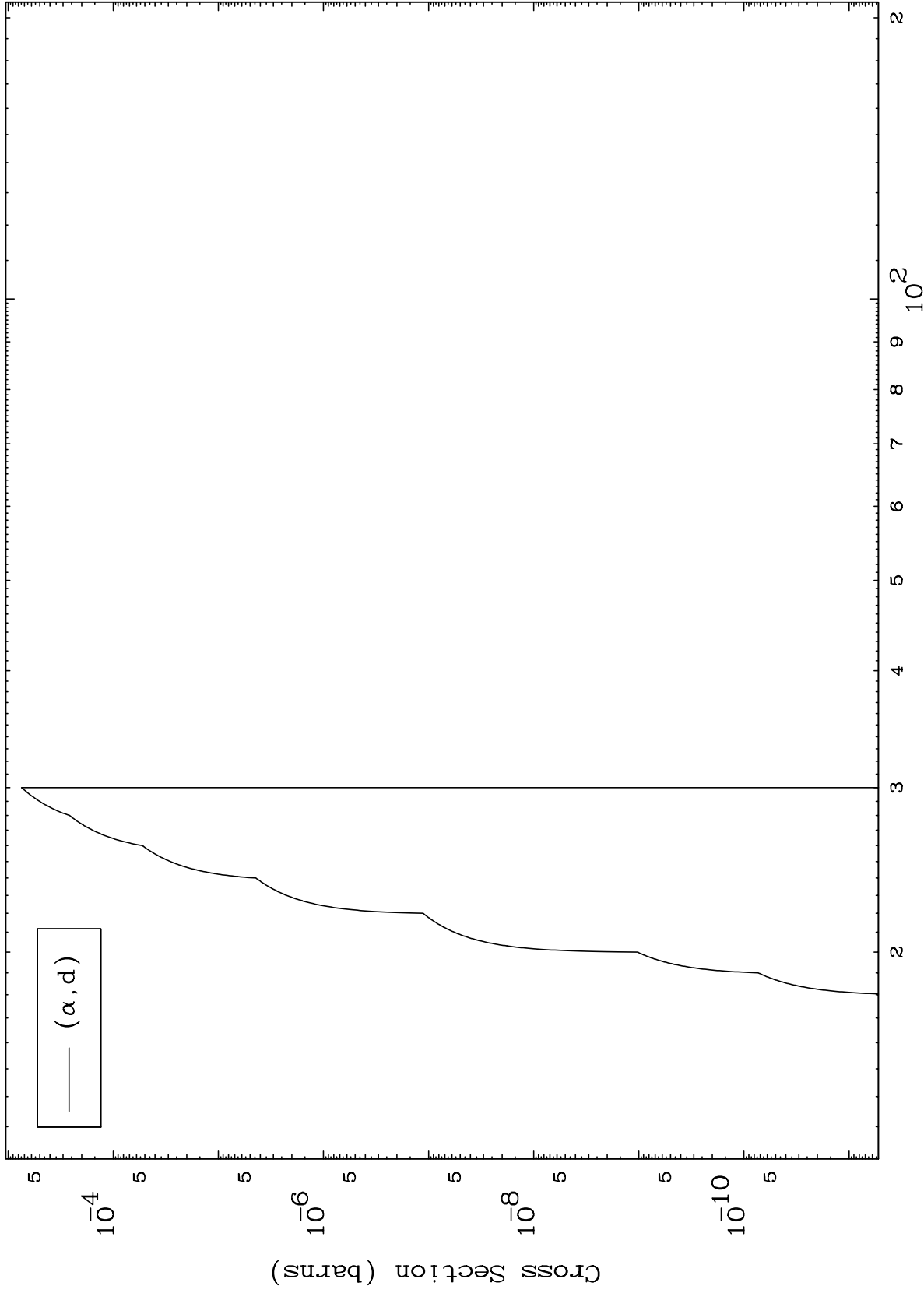
79-Au-186

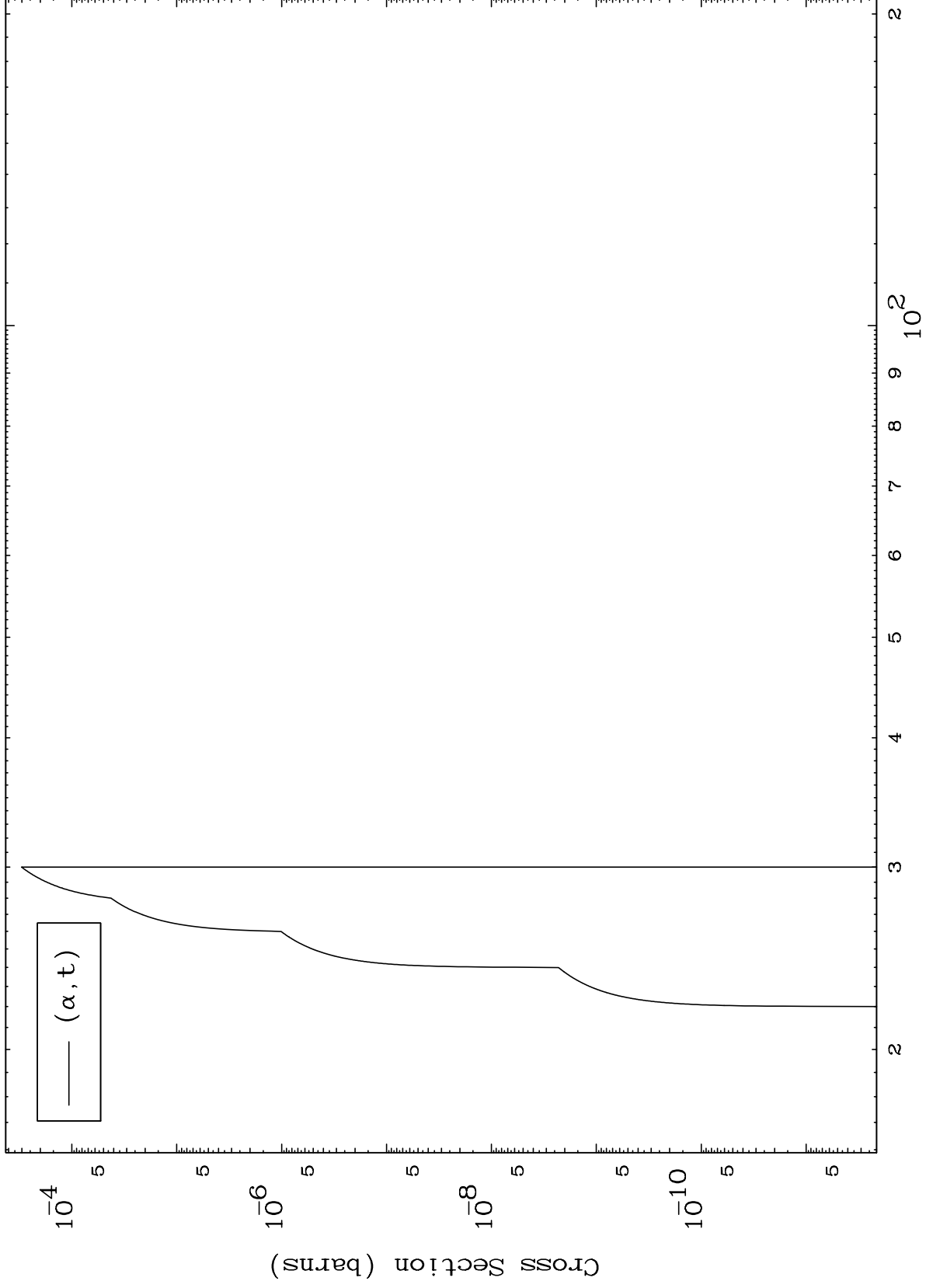


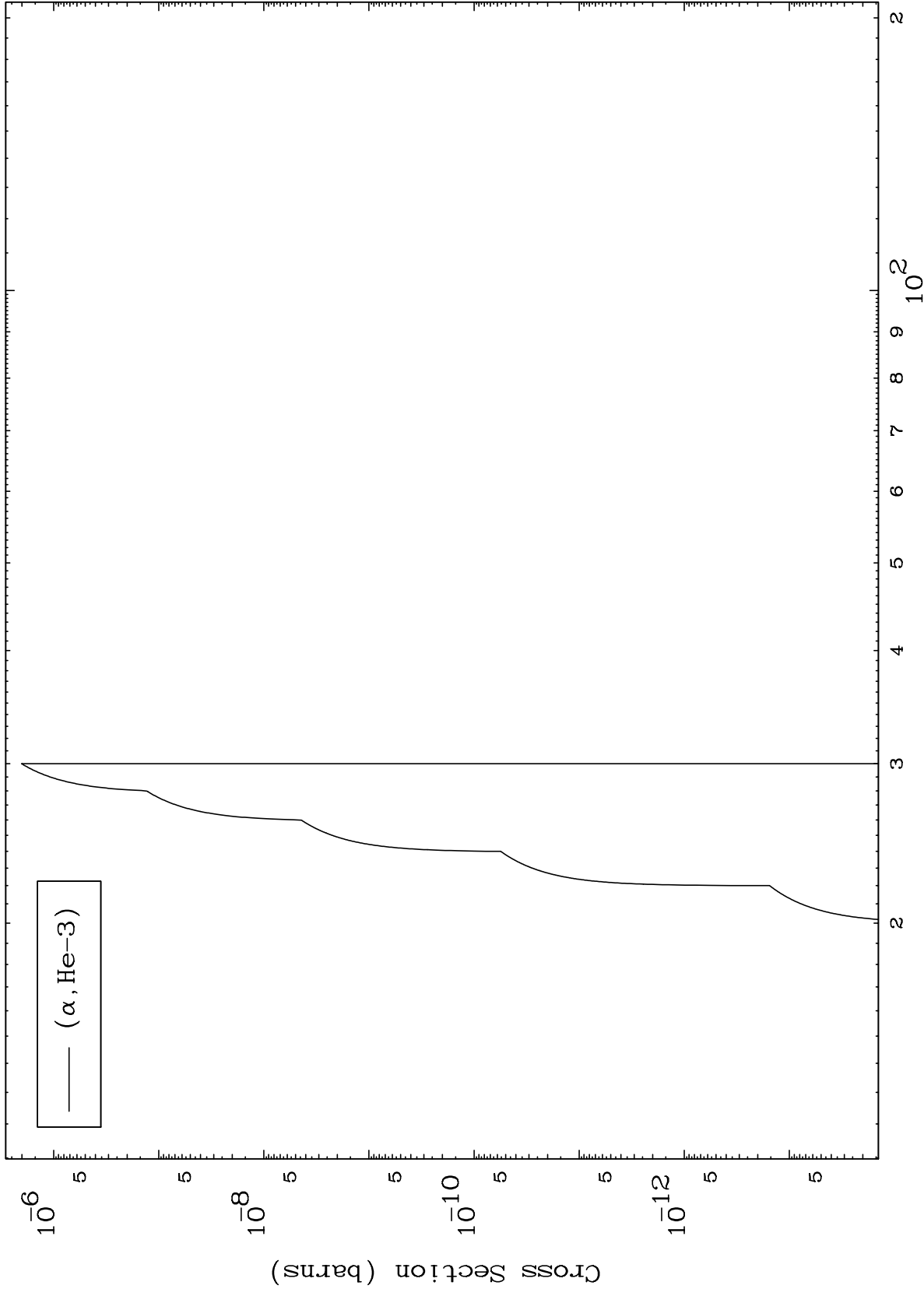
6

Incident Energy (MeV)

79-Au-186





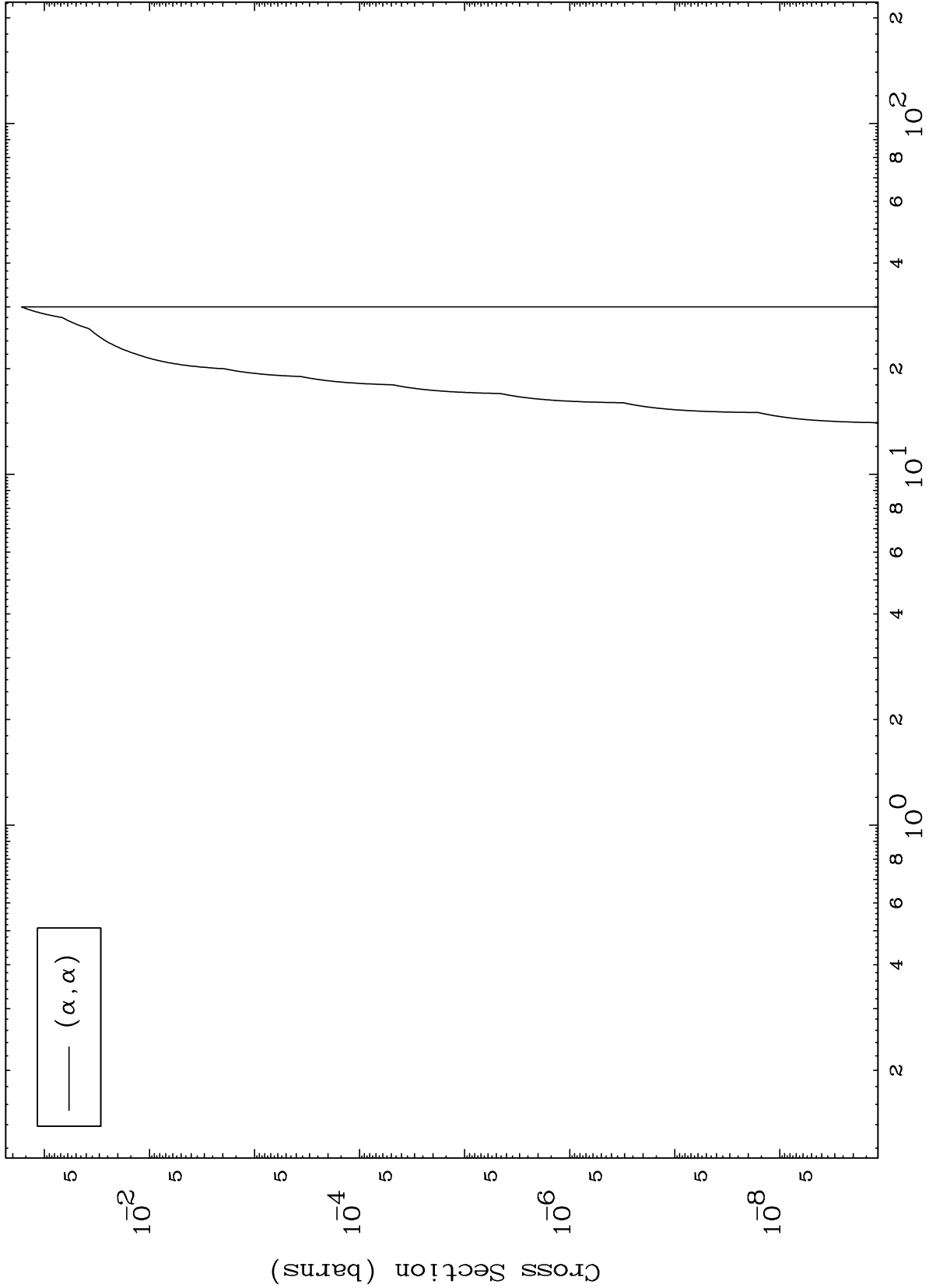


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(α, α) Levels

79-Au-186

0 Kelvin Cross Sections

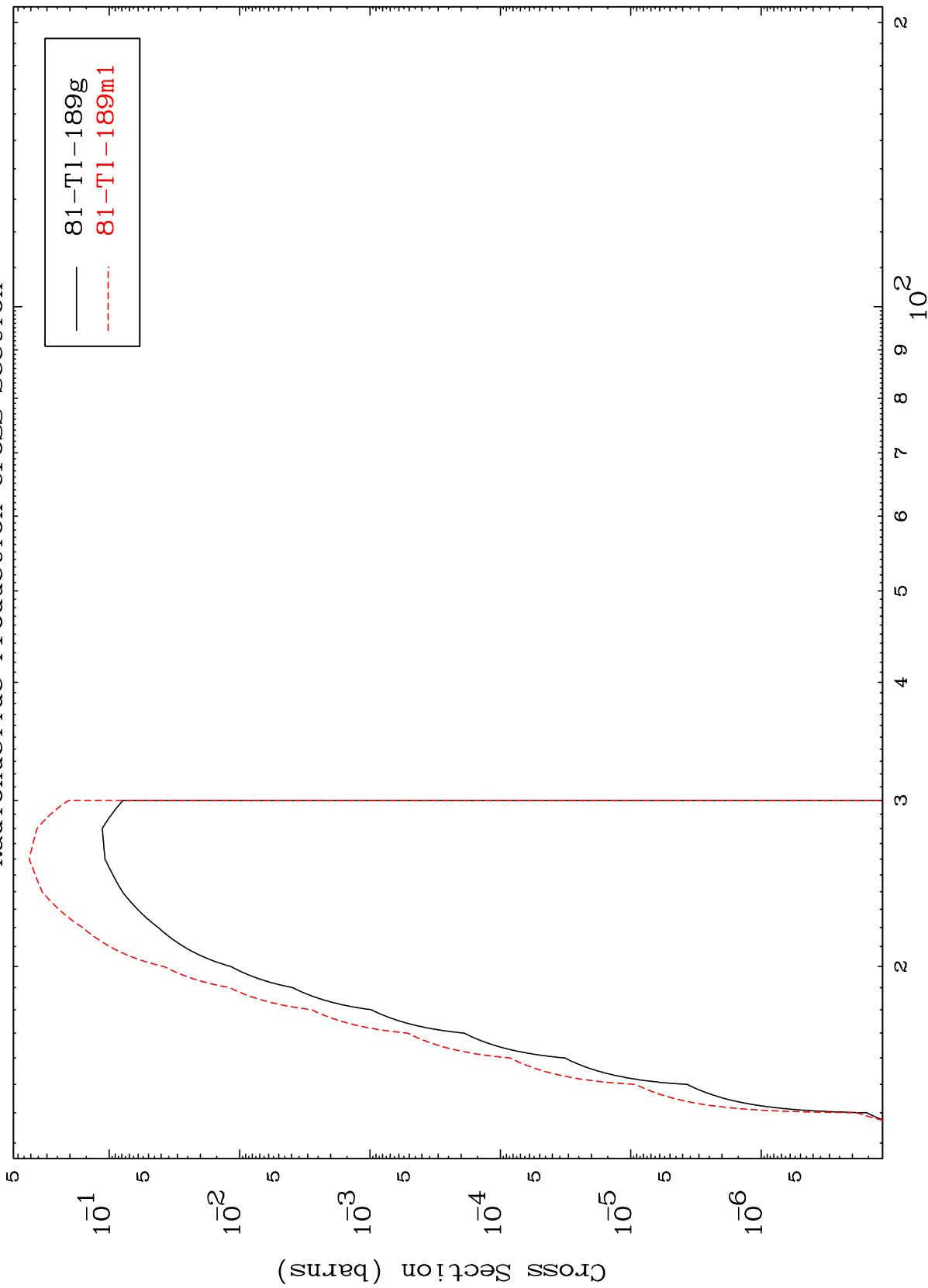


10

Incident Energy (MeV)

79-Au-186

Radionuclide Production Cross Section
 α Inelastic

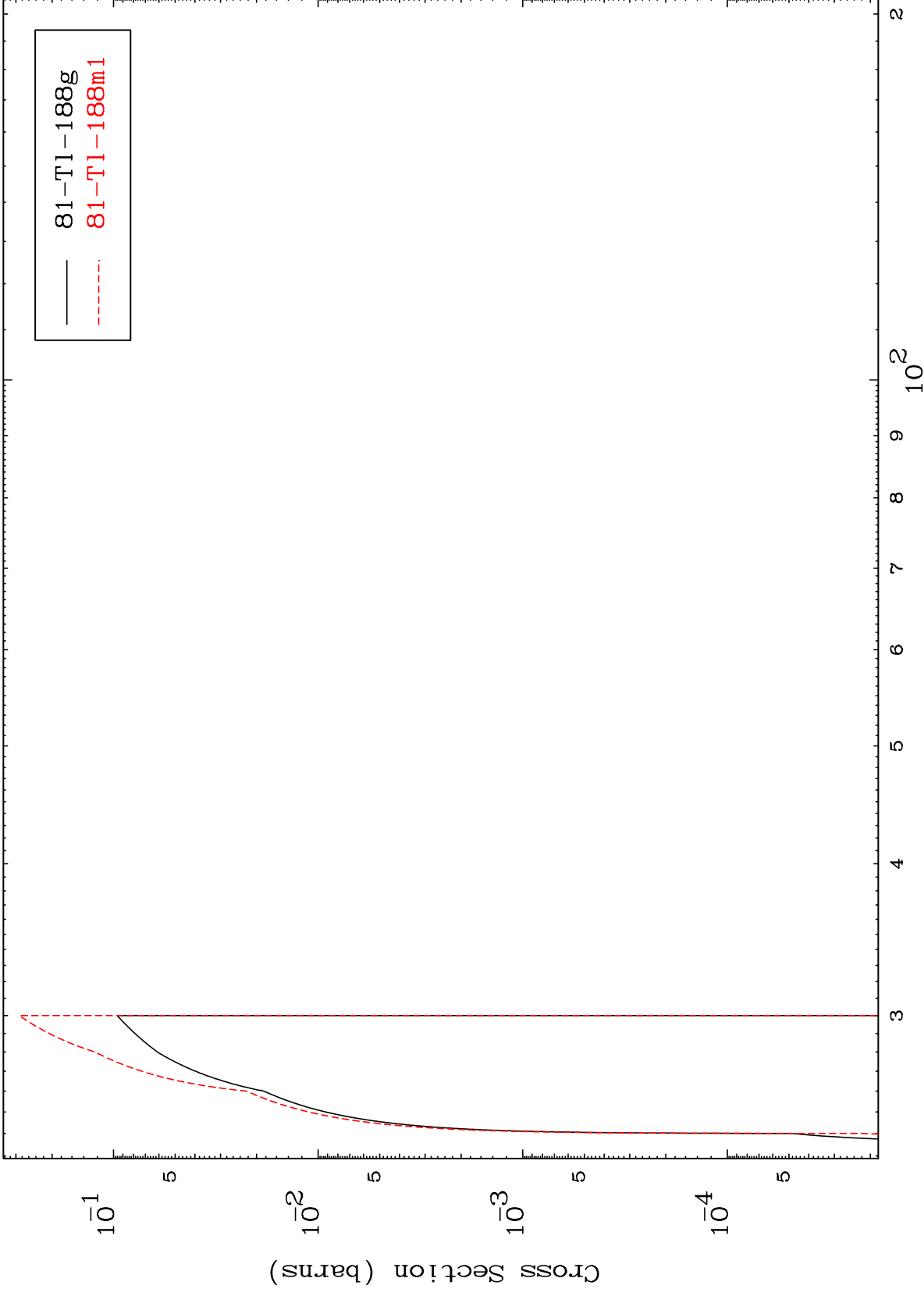


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($\alpha, 2n$)

79-Au-186

Radionuclide Production Cross Section



81-Tl-188g
81-Tl-188m1

12

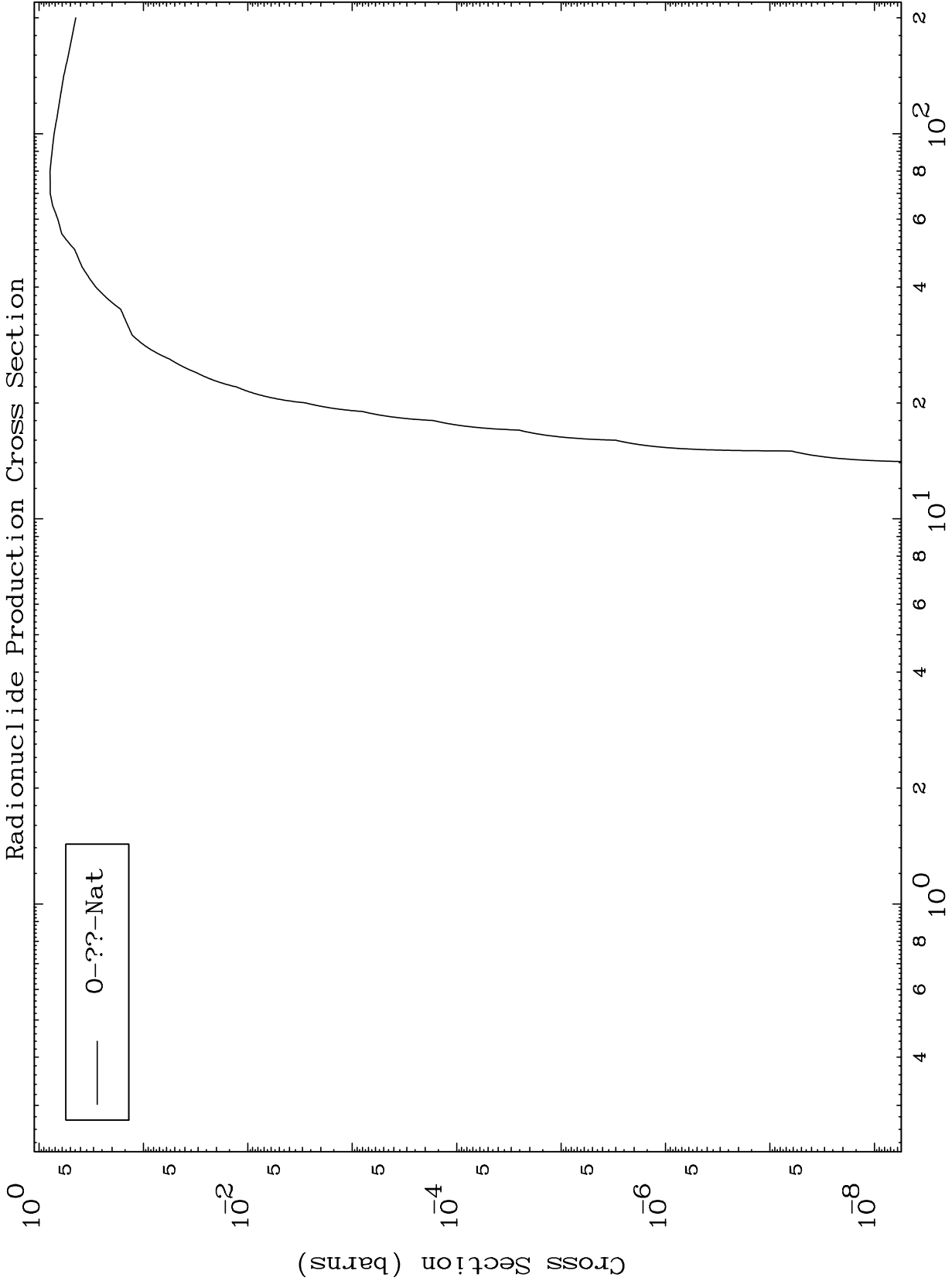
Incident Energy (MeV)

79-Au-186

MAT 7892

79-Au-186

α Fission
Radionuclide Production Cross Section



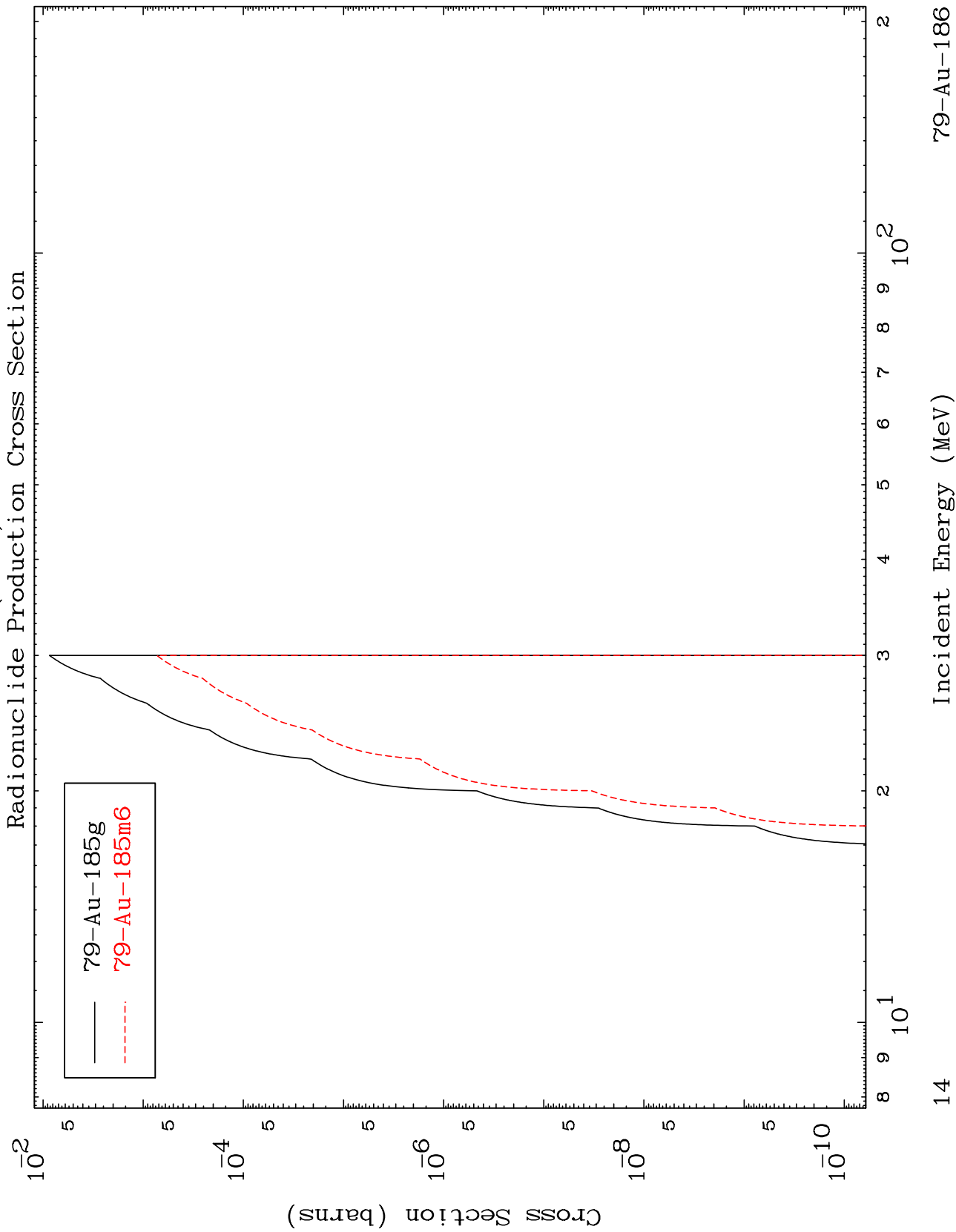
79-Au-186

Incident Energy (MeV)

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(α, n') α

$^{79}\text{Au-186}$



14

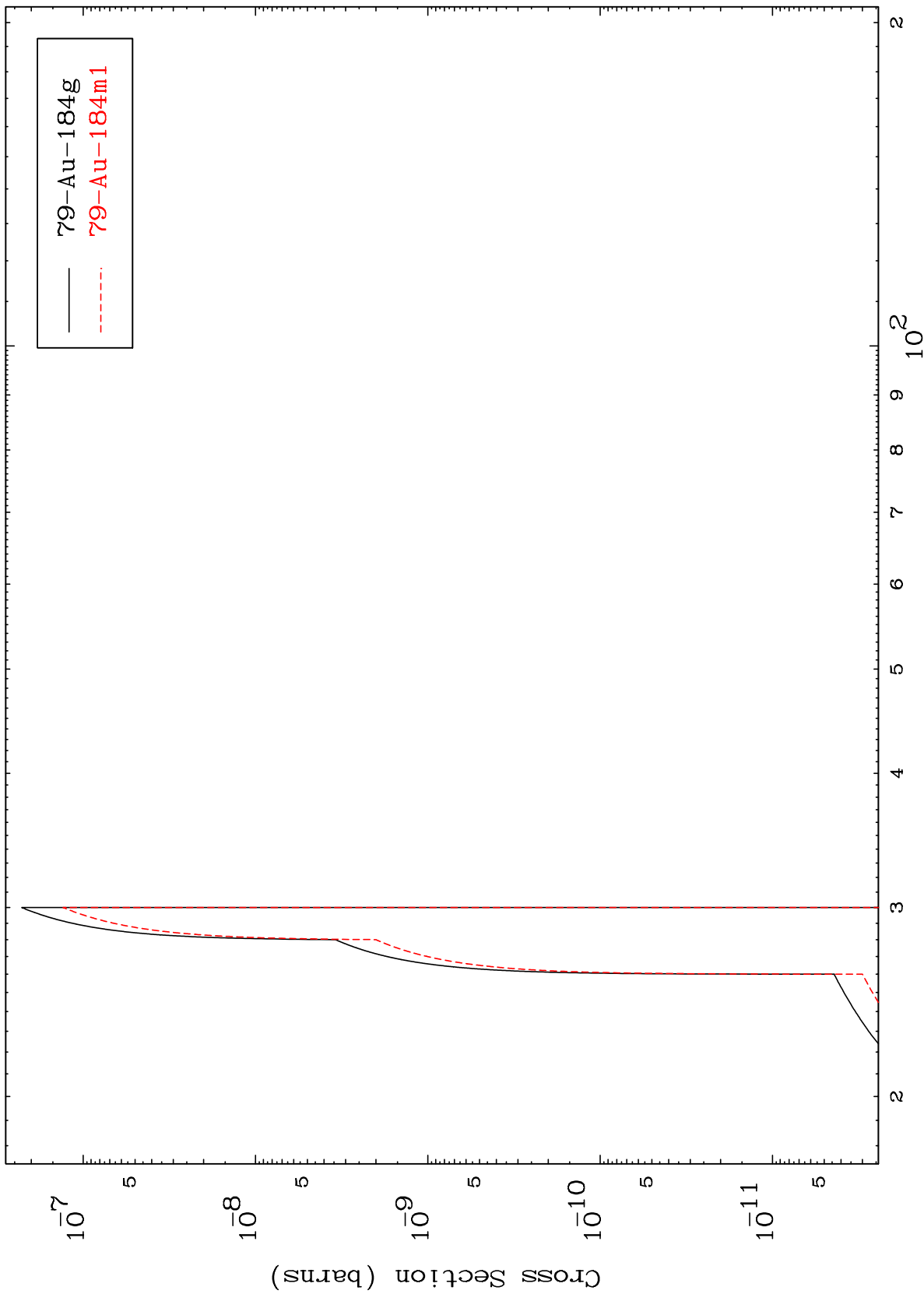
$^{79}\text{Au-186}$

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$(\alpha, 2n) \alpha$

$^{79}\text{Au-186}$

Radionuclide Production Cross Section

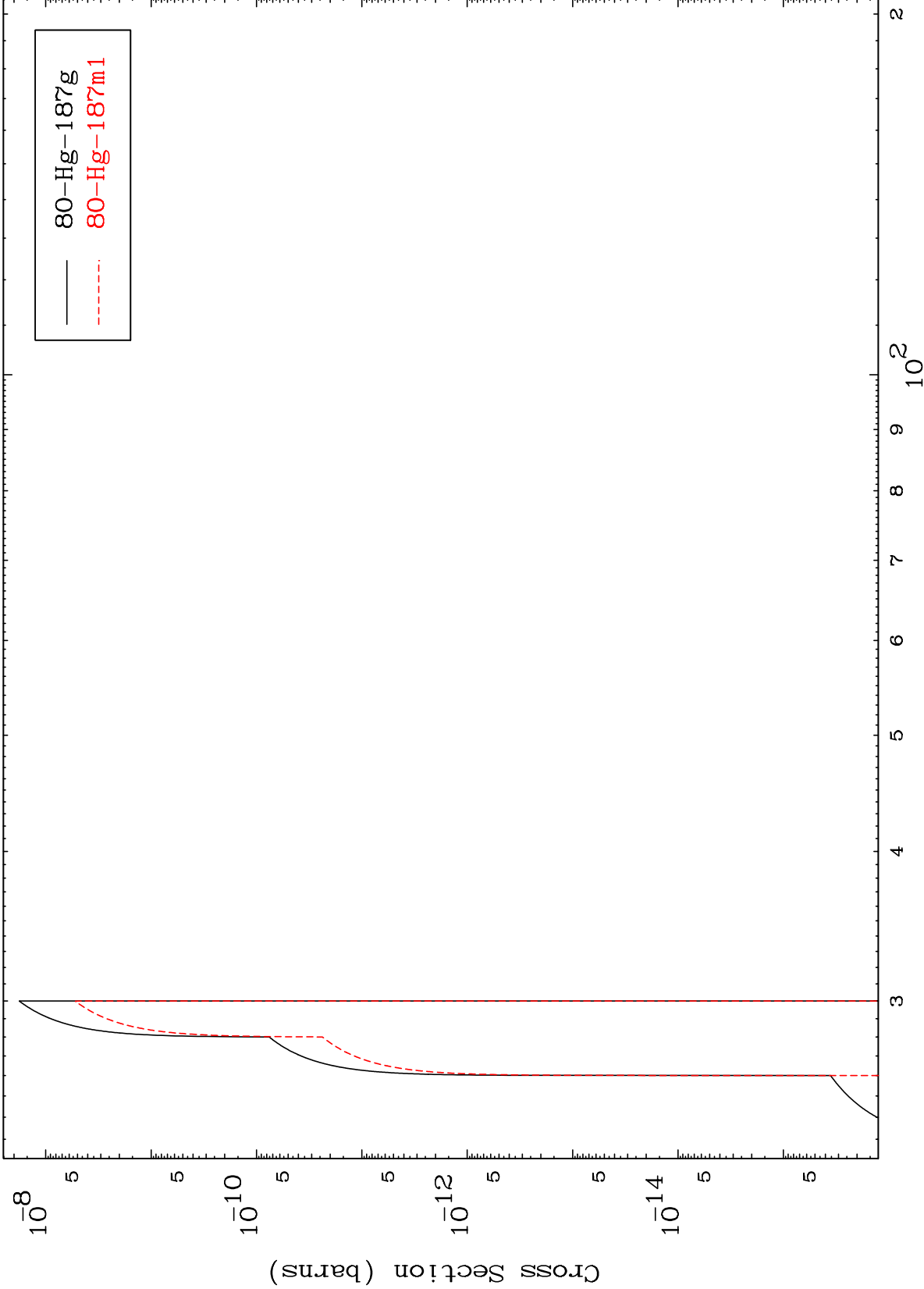


15

Incident Energy (MeV)

$^{79}\text{Au-186}$

Radionuclide Production Cross Section

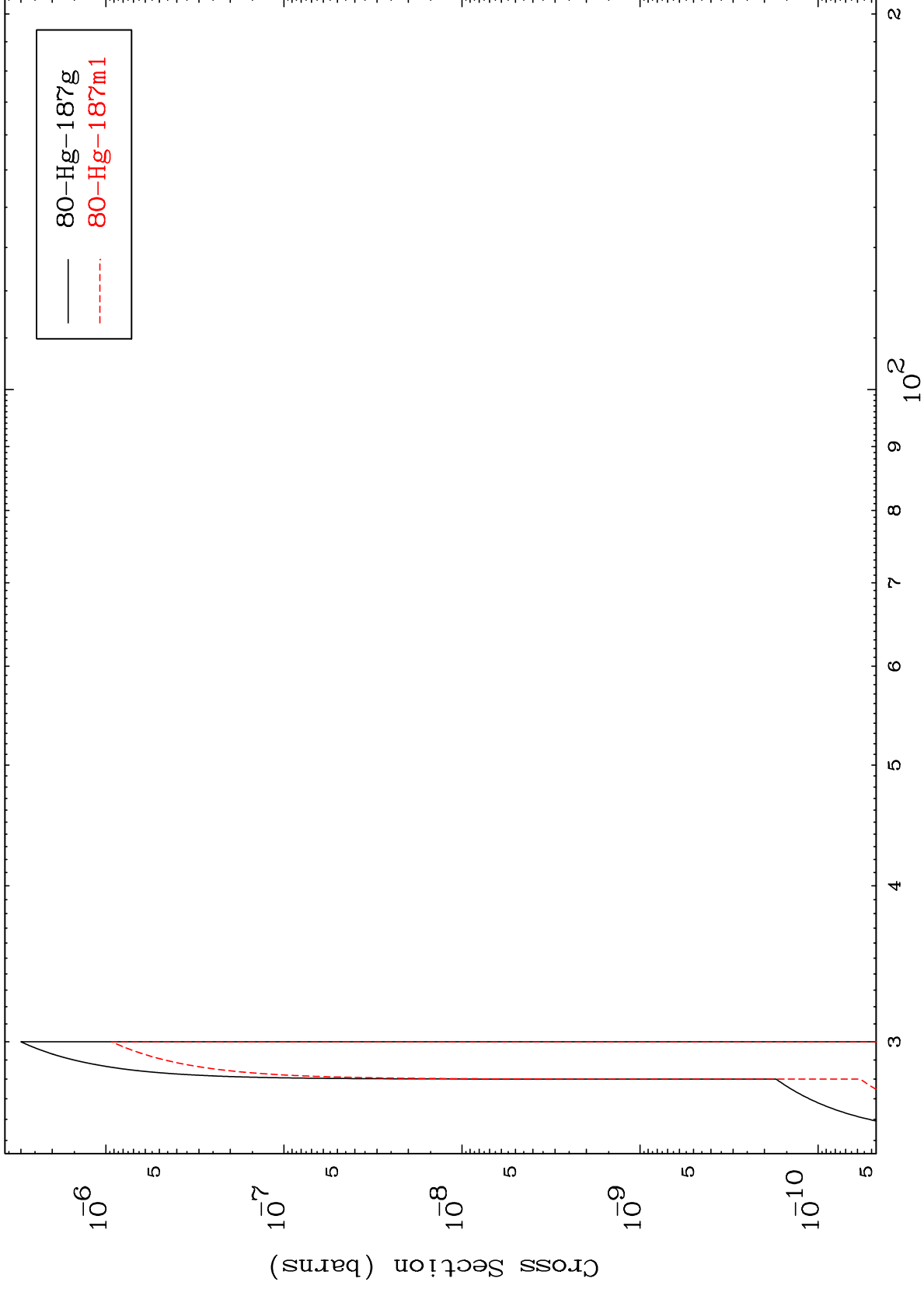


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$(\alpha, 2n)$ p

79-Au-186

Radionuclide Production Cross Section



17

Incident Energy (MeV)

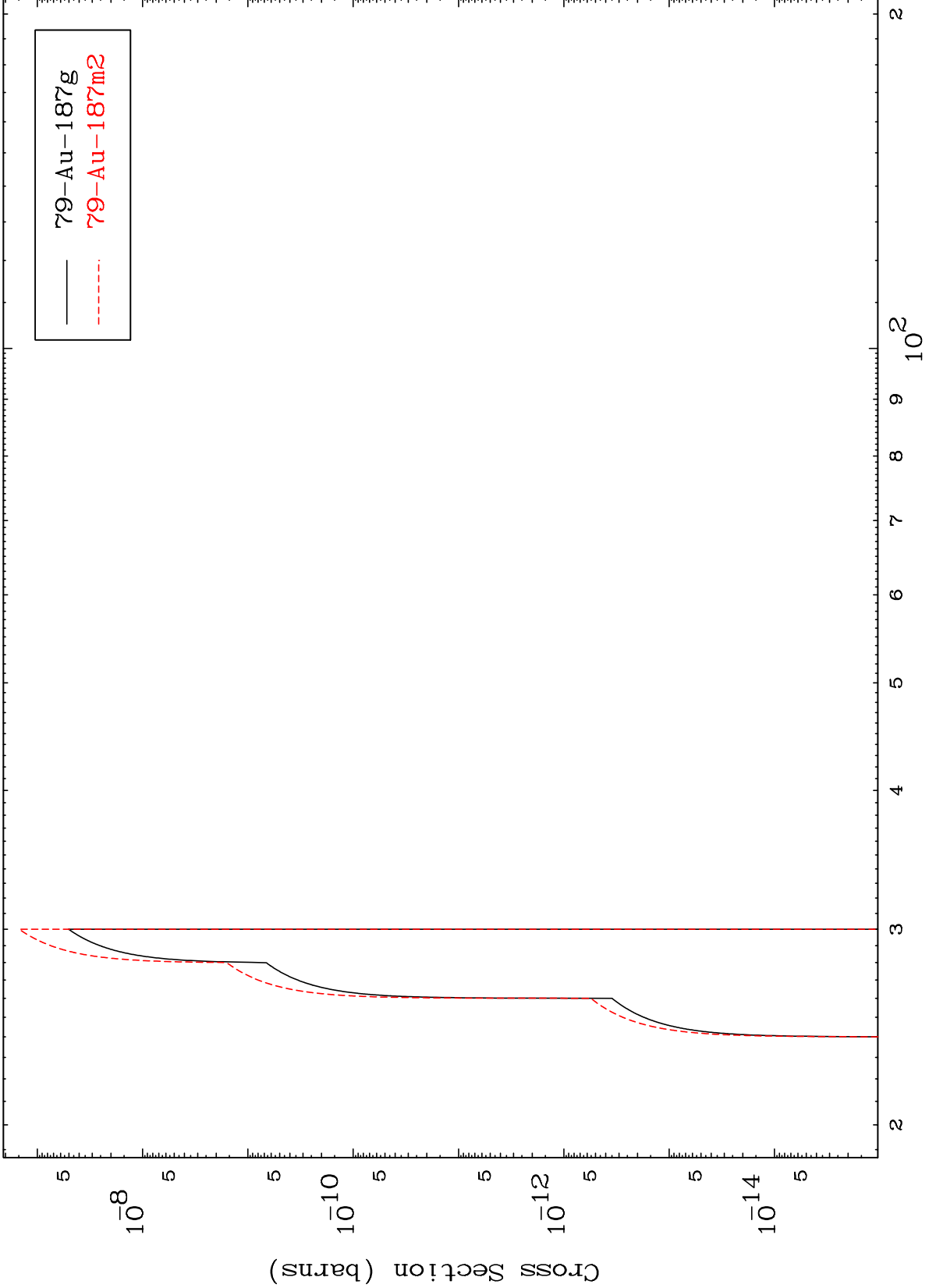
79-Au-186

MAT 7892

$(\alpha, 2n)$ p

$^{79}\text{Au-186}$

Radionuclide Production Cross Section



18

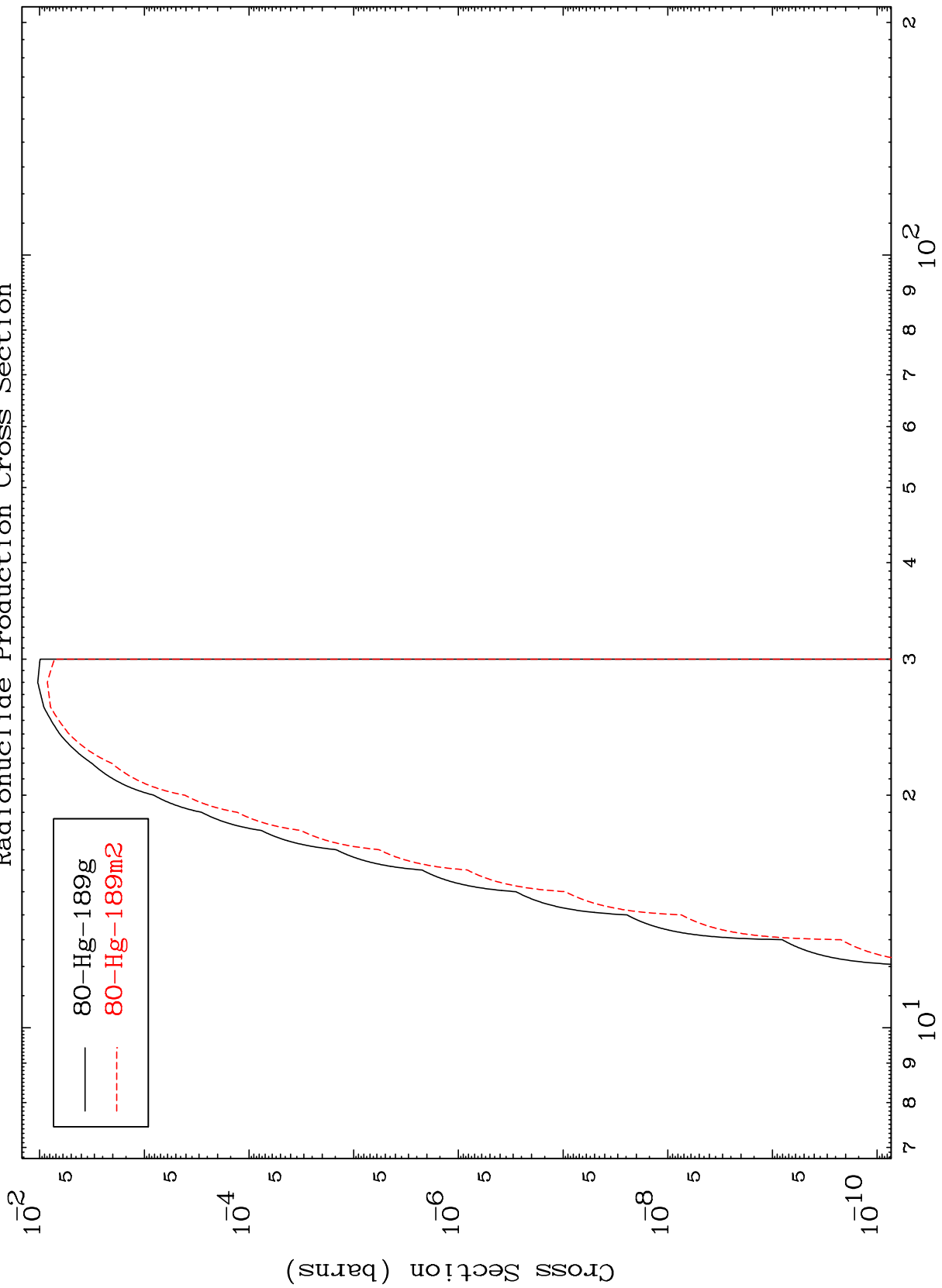
Incident Energy (MeV)

$^{79}\text{Au-186}$

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79-Au-186

(α, p)
Radionuclide Production Cross Section

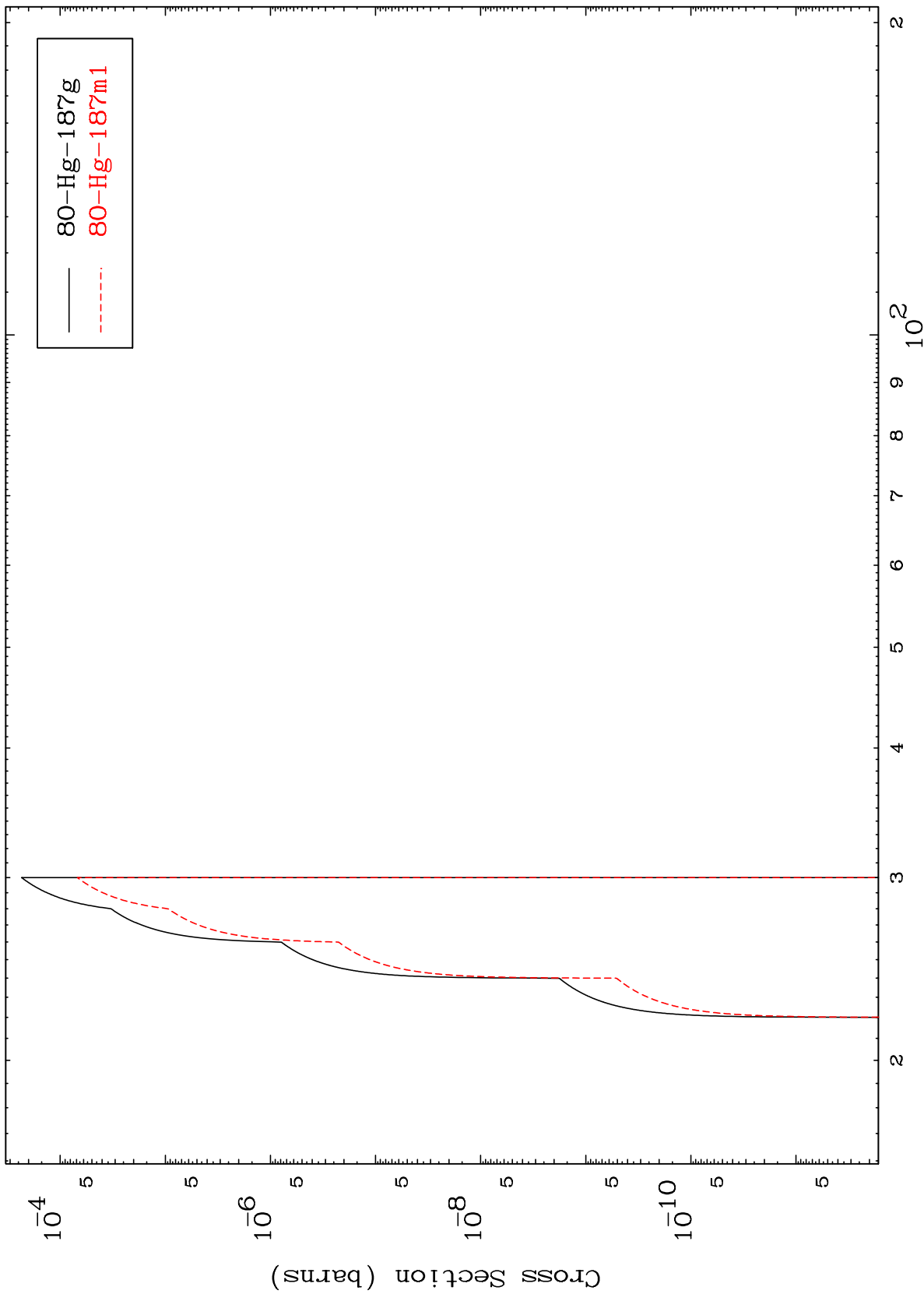


19

Incident Energy (MeV)

79-Au-186

(α, t)
Radionuclide Production Cross Section

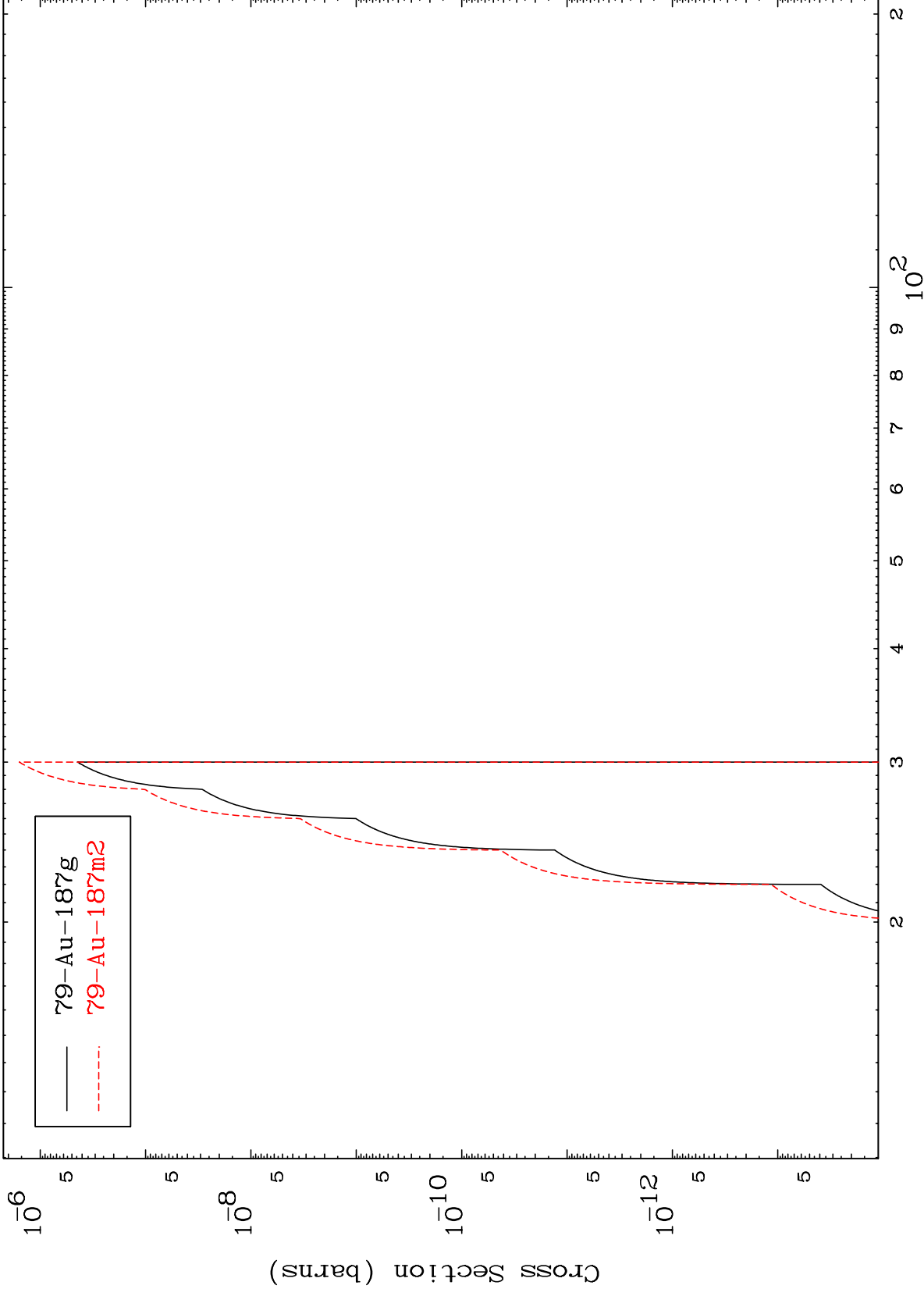


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($\alpha, \text{He-3}$)

$^{79}\text{Au-186}$

Radionuclide Production Cross Section



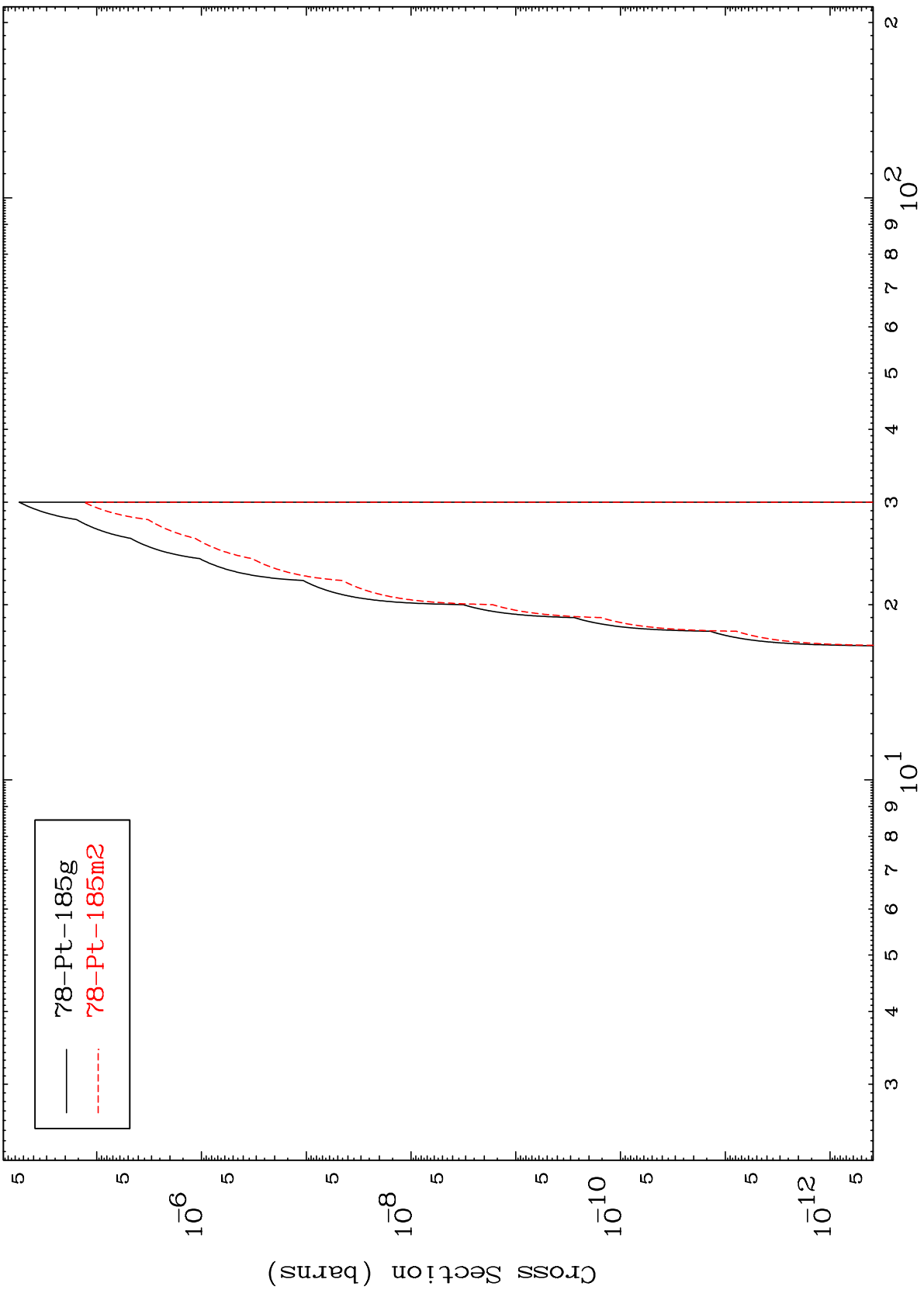
$^{79}\text{Au-186}$

MAT 7892

(α, p) α

$^{79}\text{Au-186}$

Radionuclide Production Cross Section

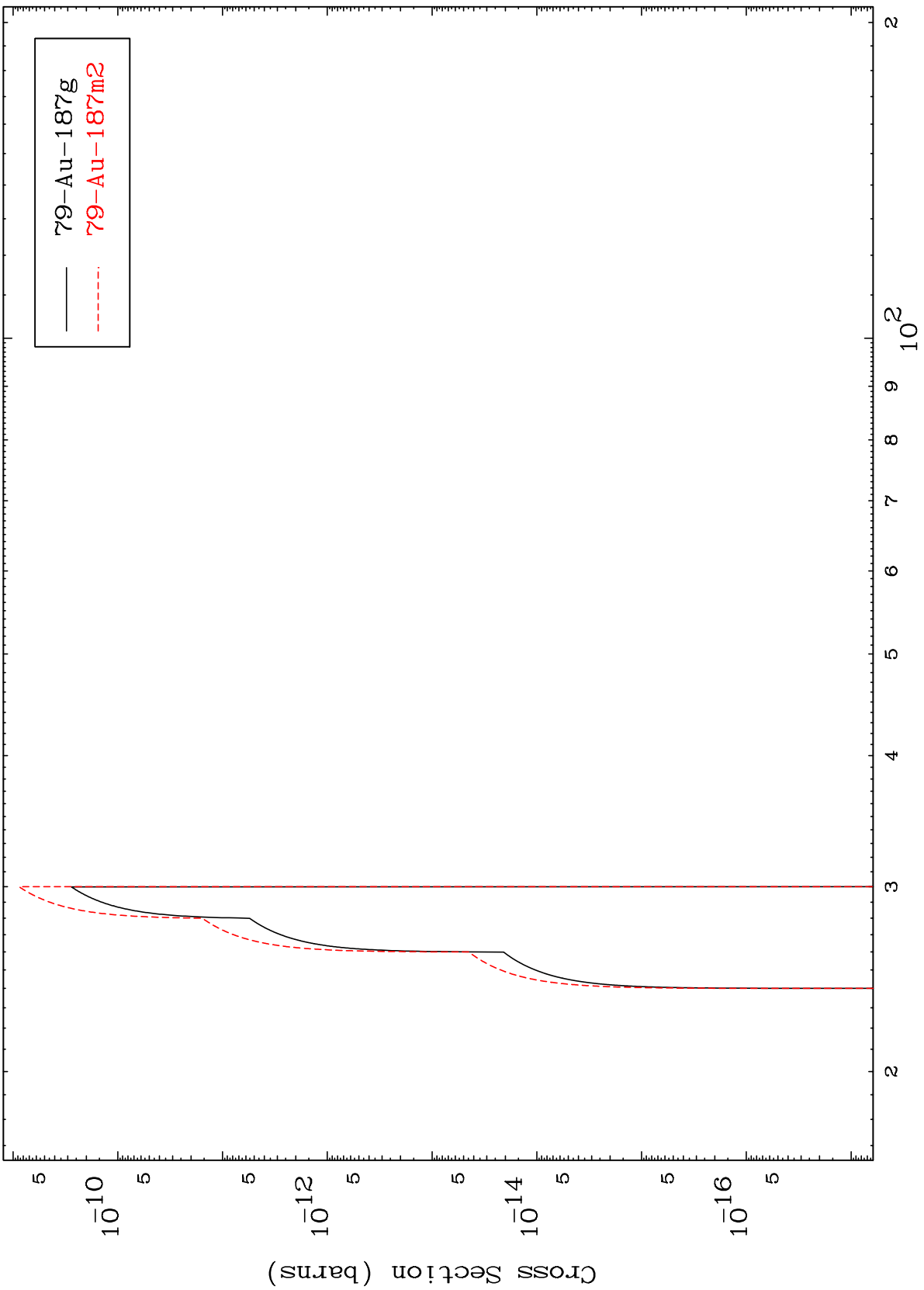


MAT 7892

(α, p) d

⁷⁹Au-186

Radionuclide Production Cross Section



— ⁷⁹Au-187g
- - - ⁷⁹Au-187m2