

Program EVALPLOT
(Version 2018-1)

by

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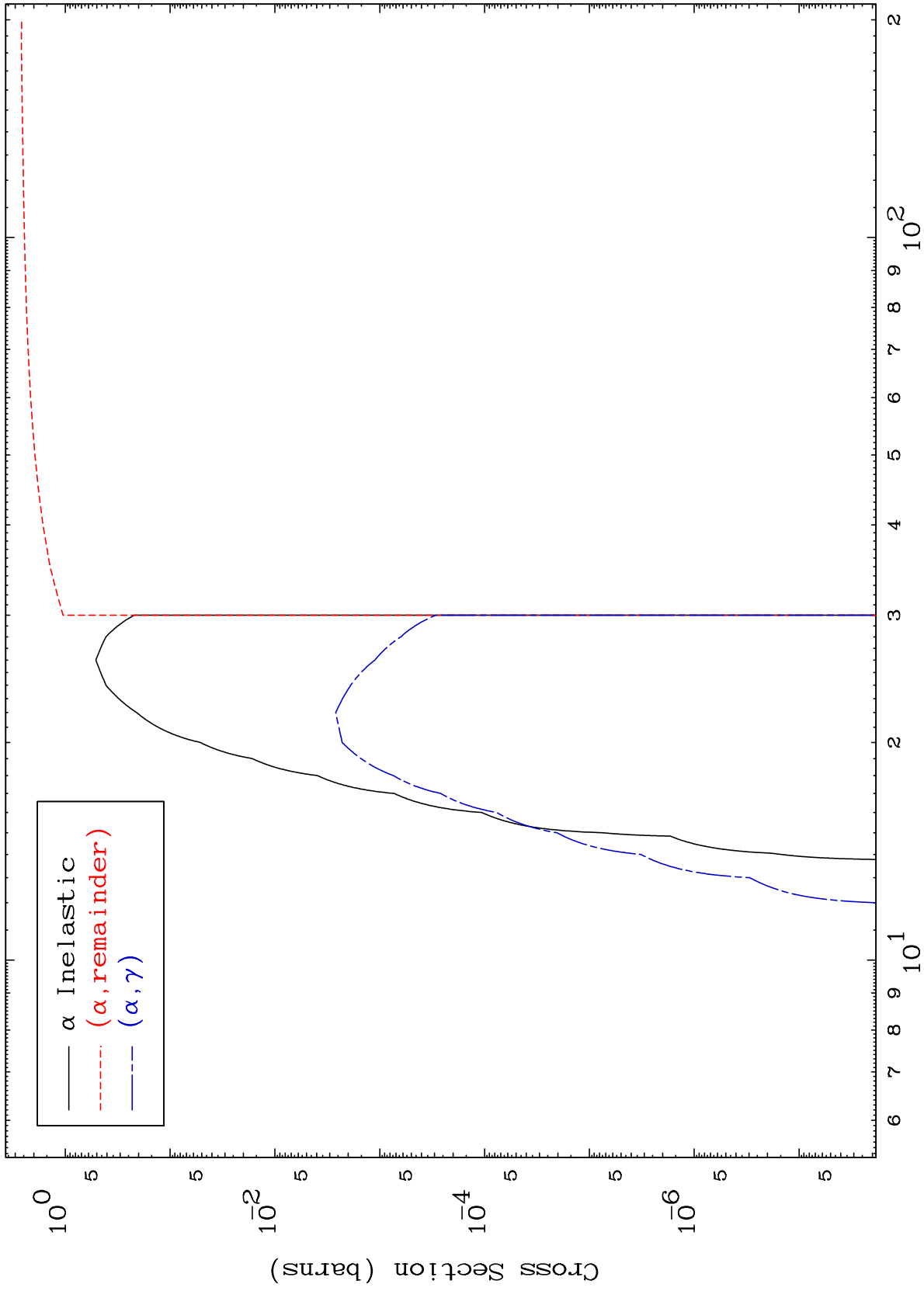
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7887

0 Kelvin α Major
Cross Sections

79-Au-184



1

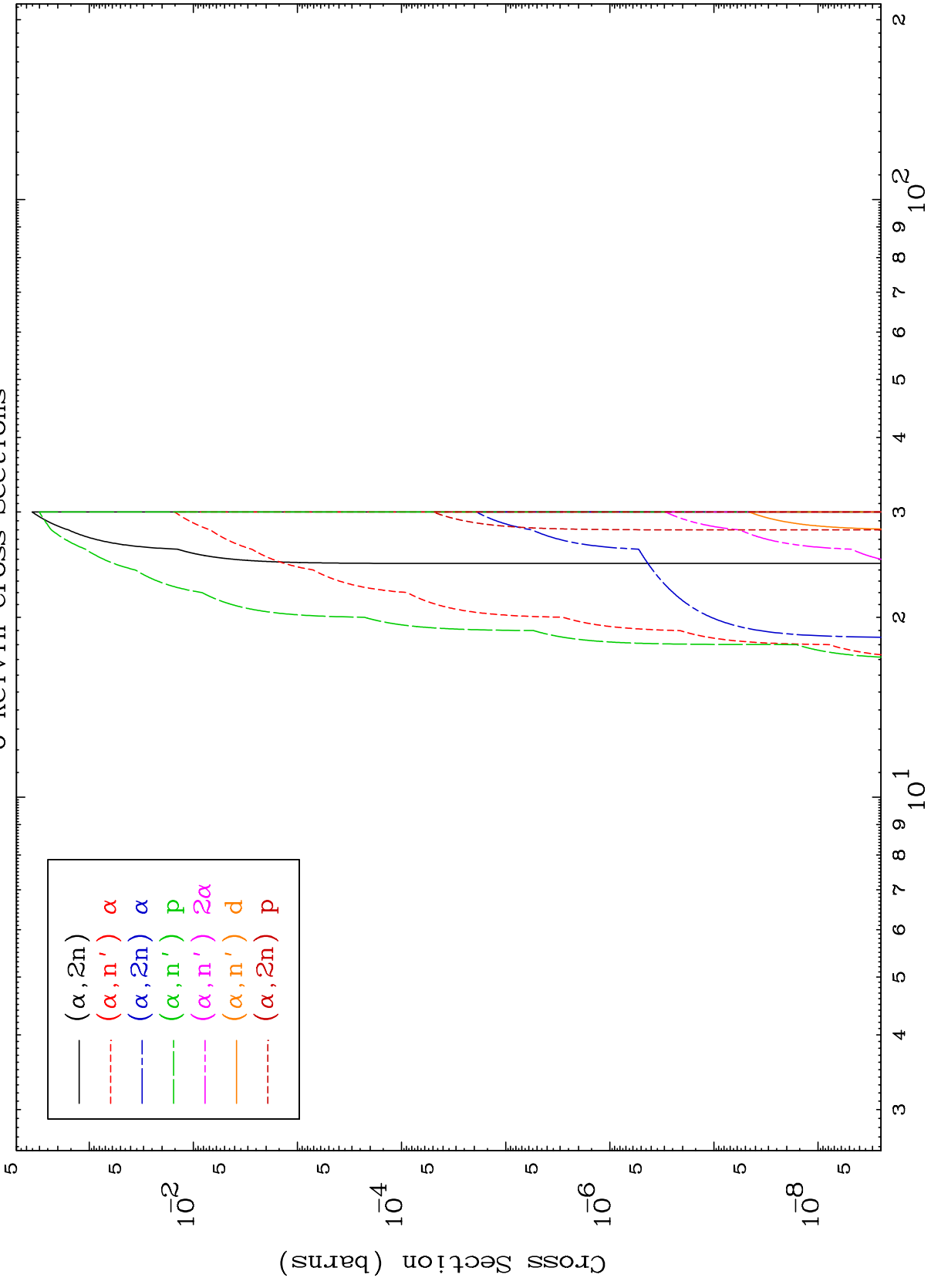
Incident Energy (MeV)

79-Au-184

MAT 7887

α Neutron Production
0 Kelvin Cross Sections

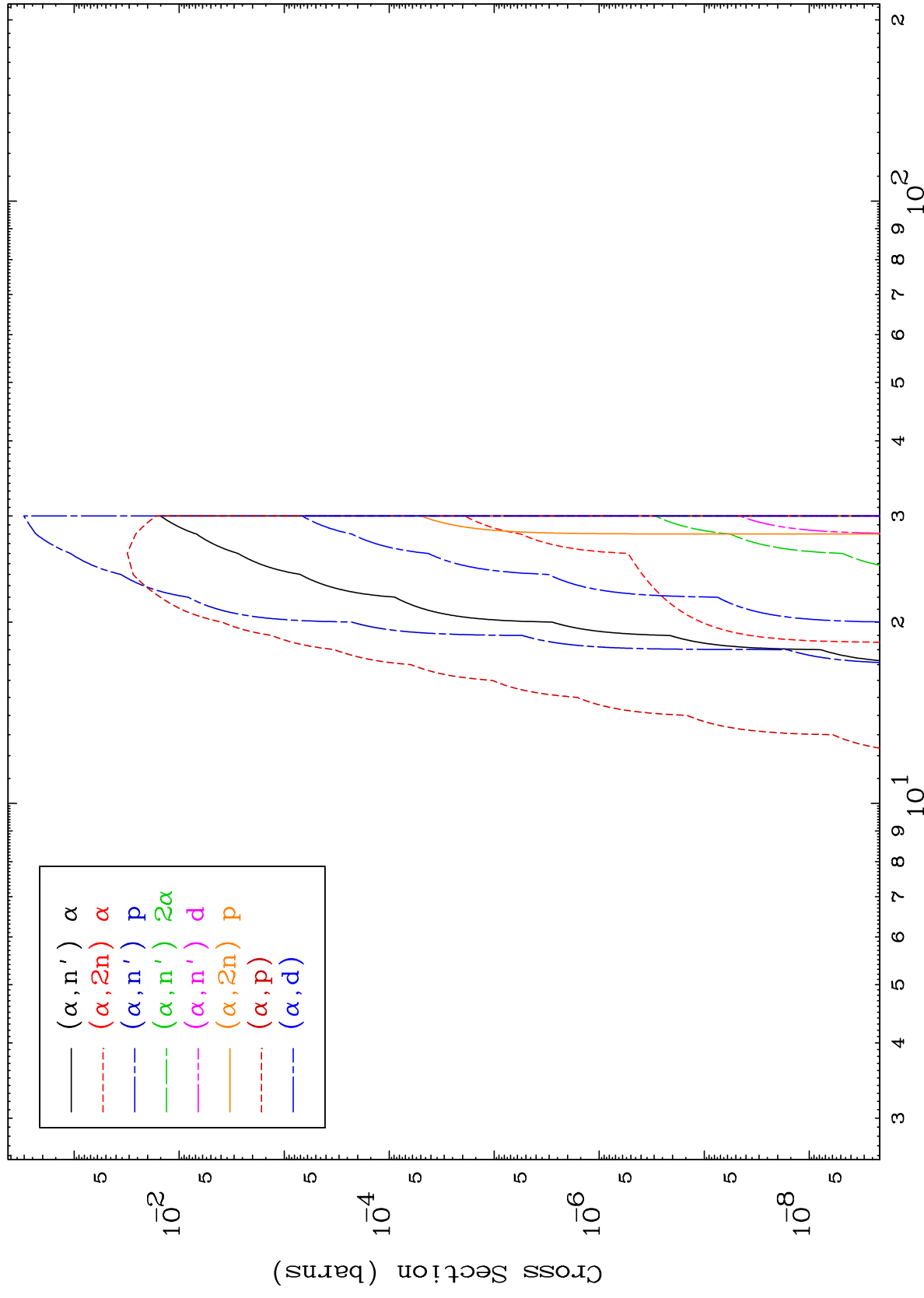
79-Au-184



2

Incident Energy (MeV)

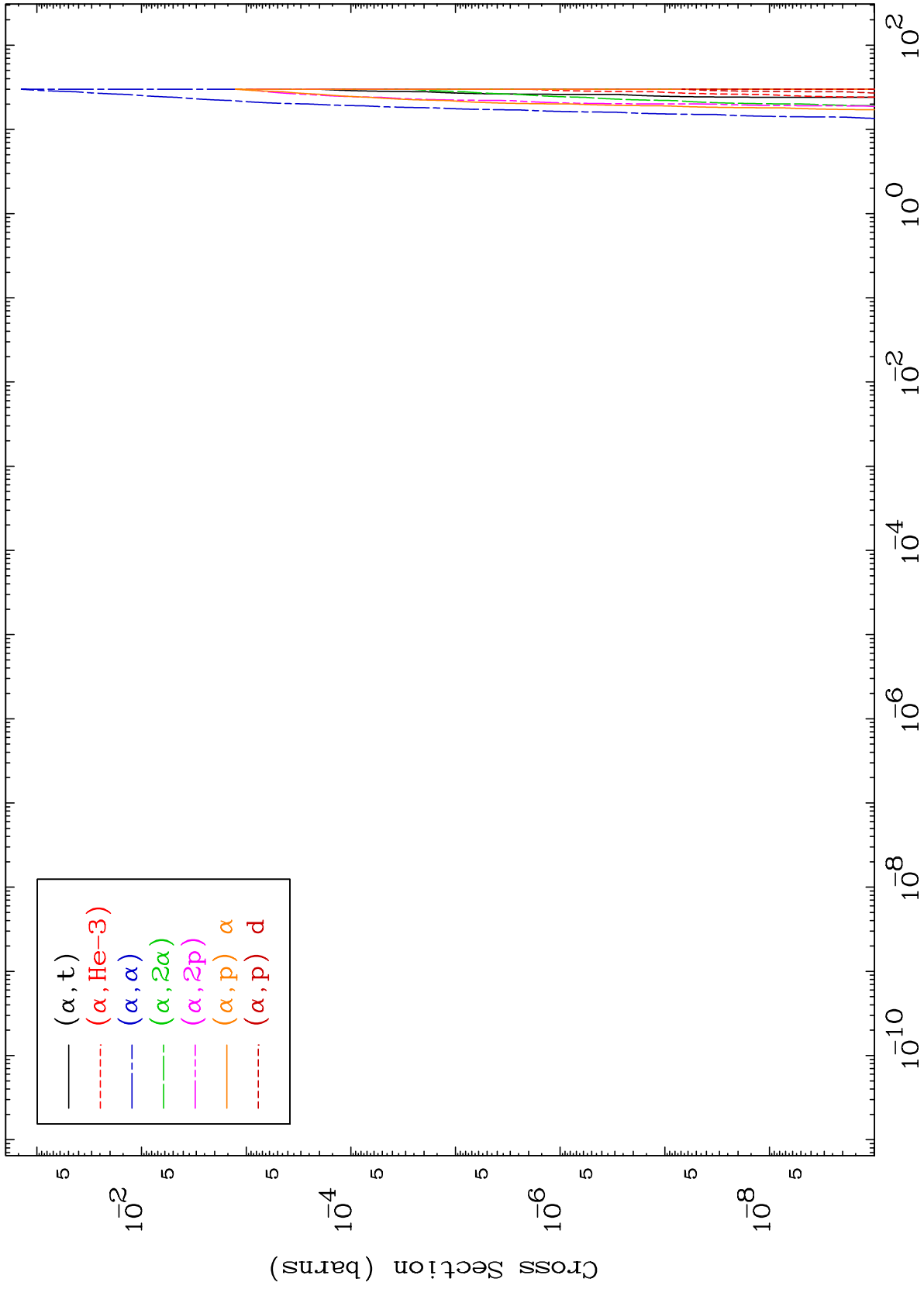
79-Au-184



MAT 7887

α Charged Particle
0 Kelvin Cross Sections

79-Au-184

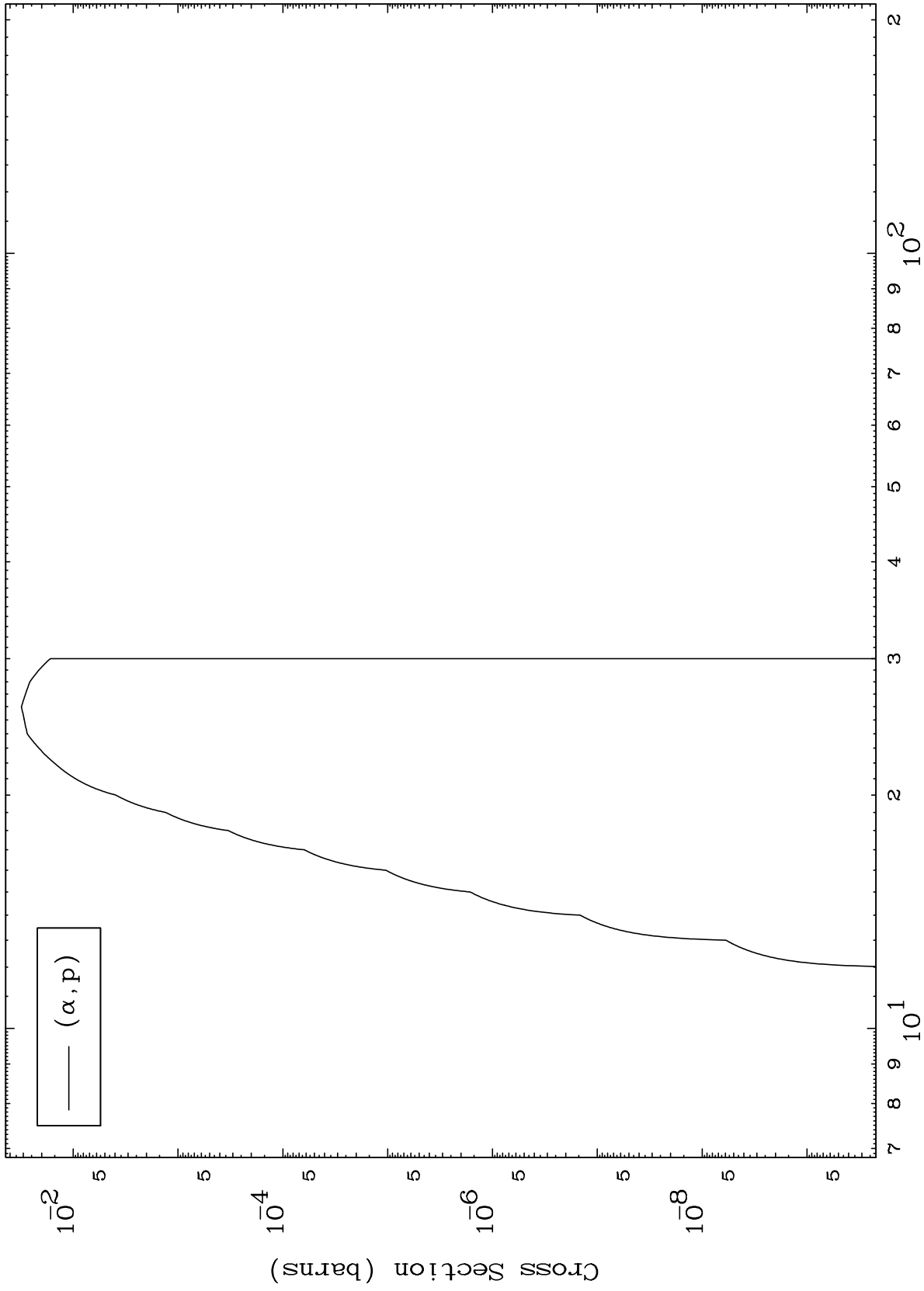


79-Au-184

MAT 7887

(α, p) Levels
0 Kelvin Cross Sections

79-Au-184



6

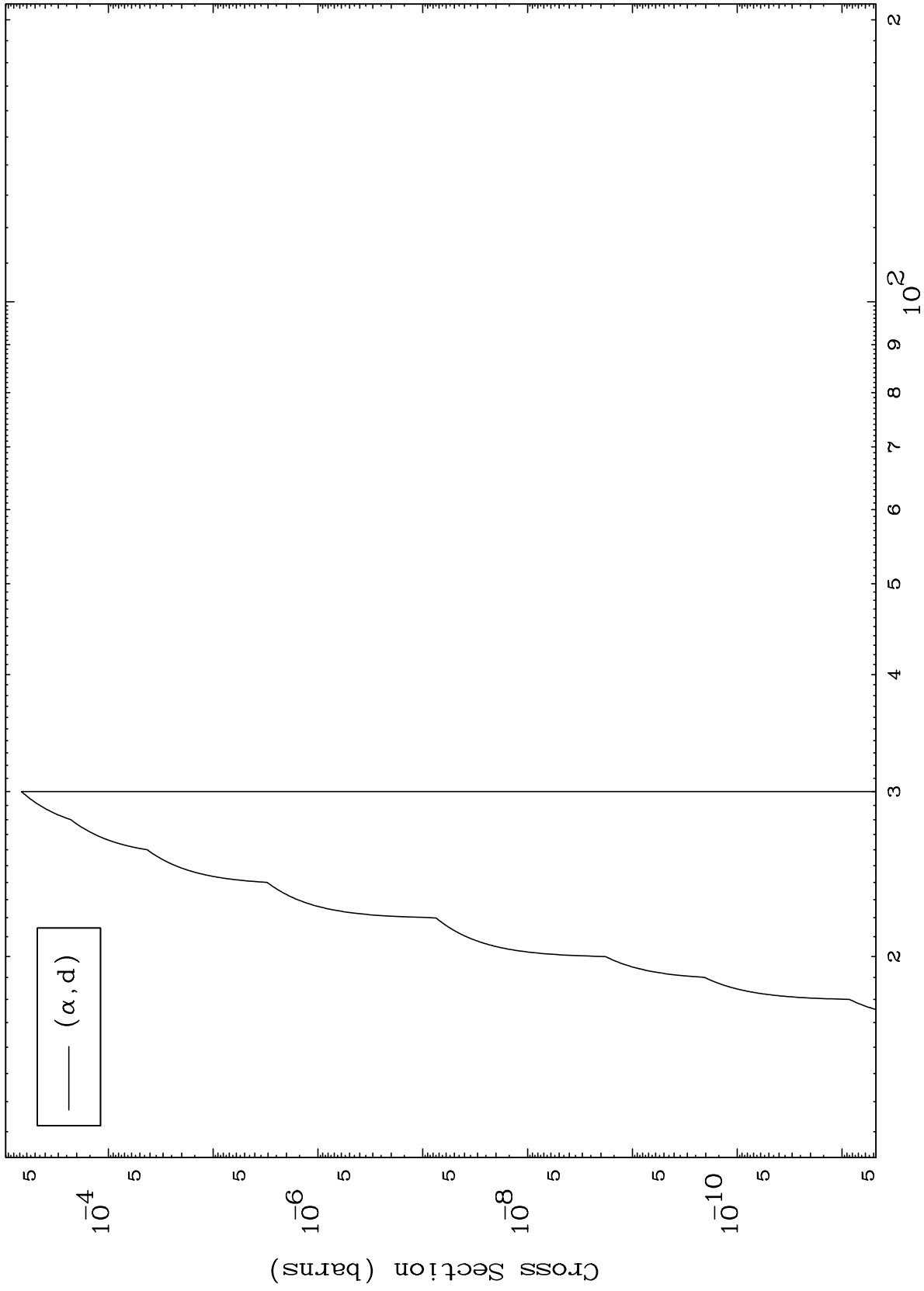
Incident Energy (MeV)

79-Au-184

MAT 7887

(α, d) Levels
0 Kelvin Cross Sections

79-Au-184



7

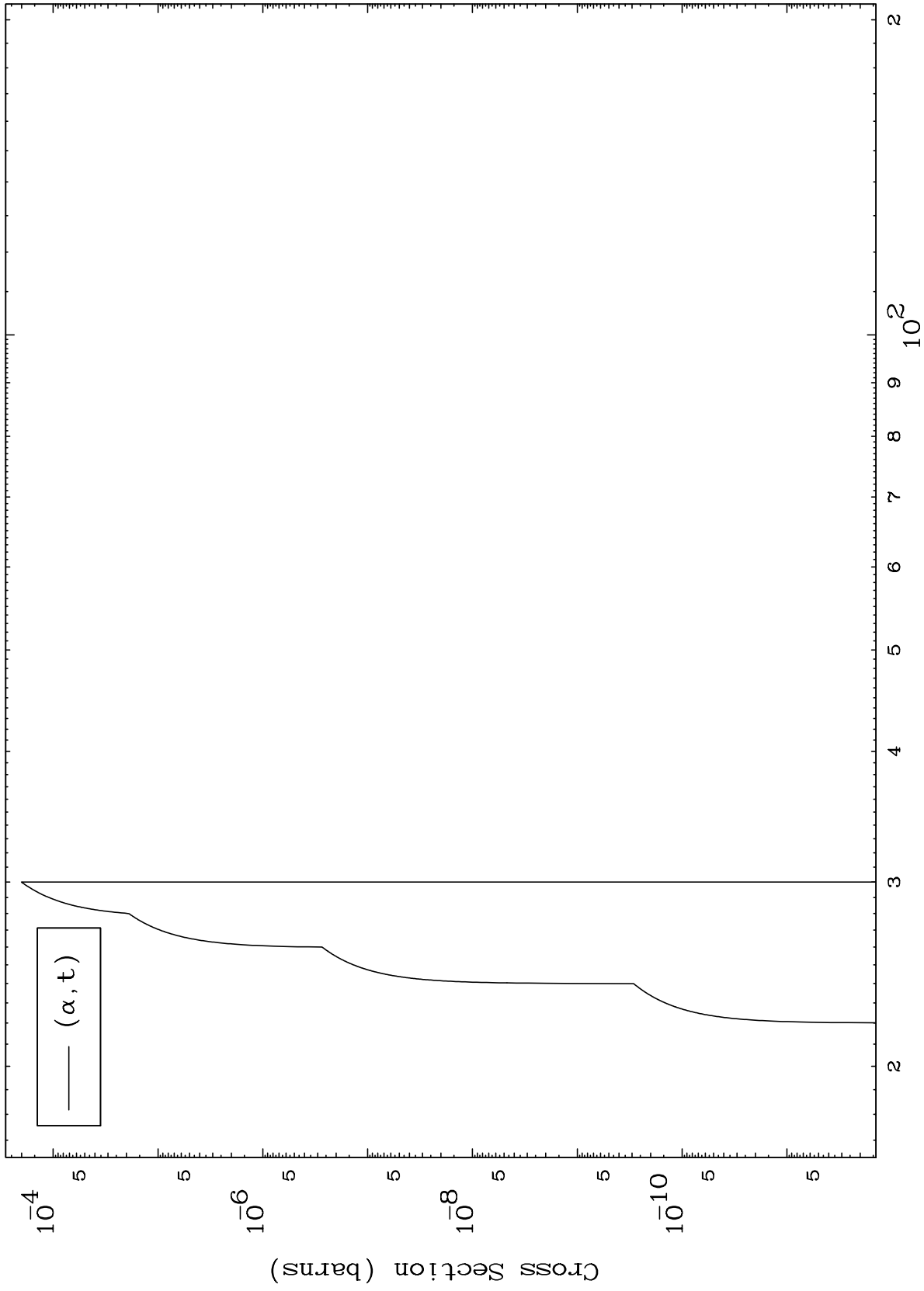
Incident Energy (MeV)

79-Au-184

MAT 7887

(α, t) Levels
0 Kelvin Cross Sections

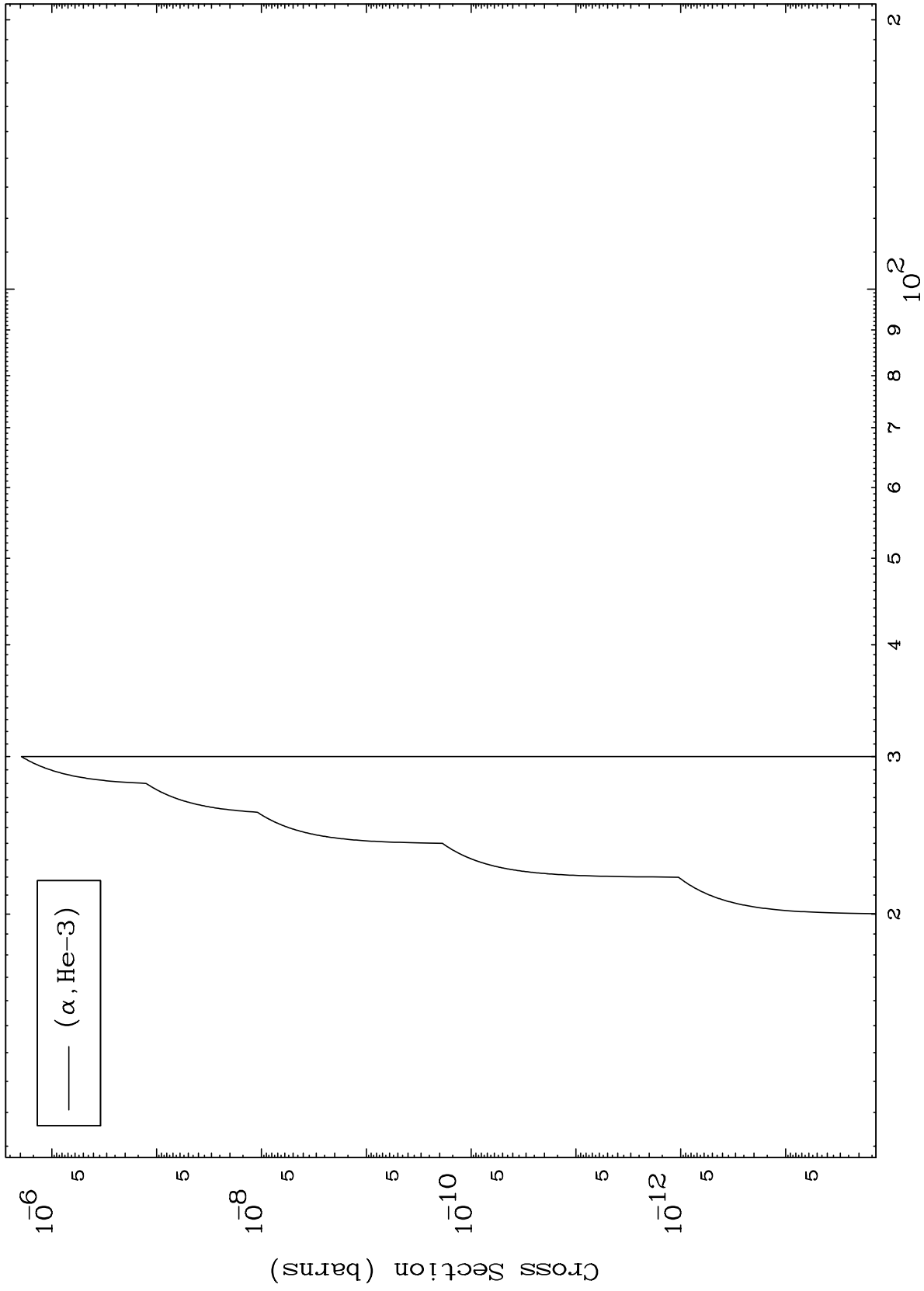
79-Au-184



8

Incident Energy (MeV)

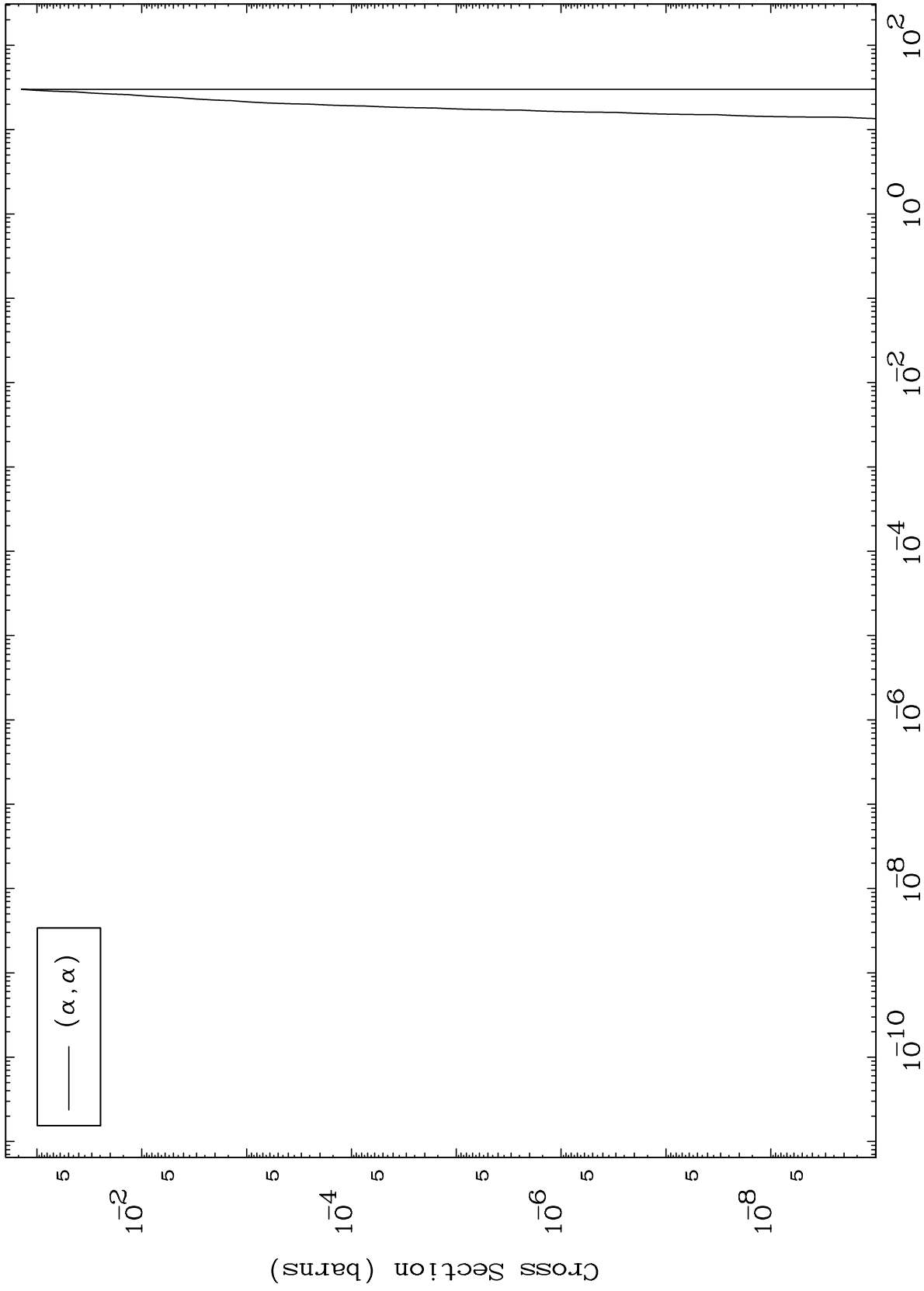
79-Au-184



MAT 7887

(α, α) Levels
0 Kelvin Cross Sections

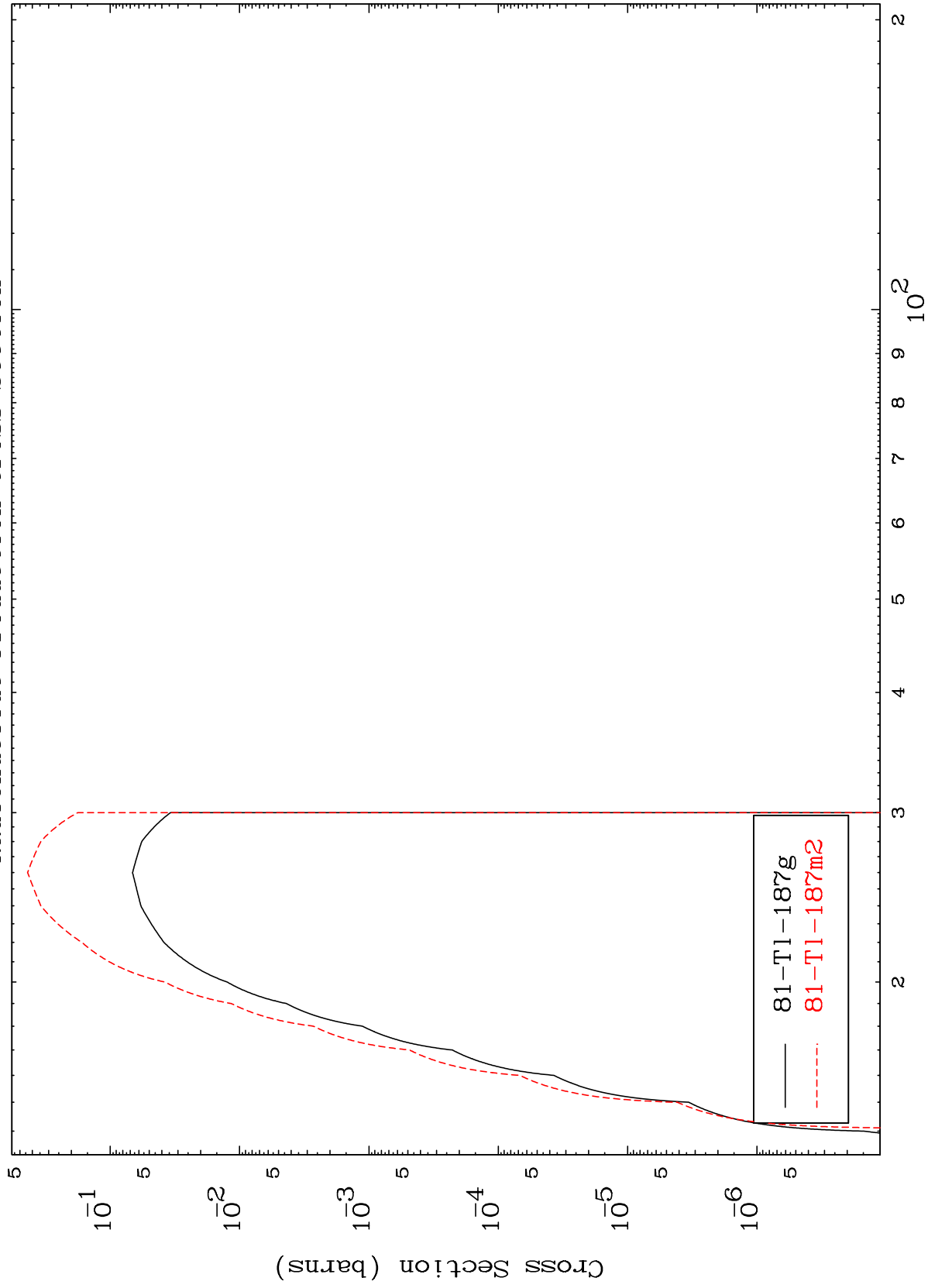
79-Au-184



10

Incident Energy (MeV)

79-Au-184

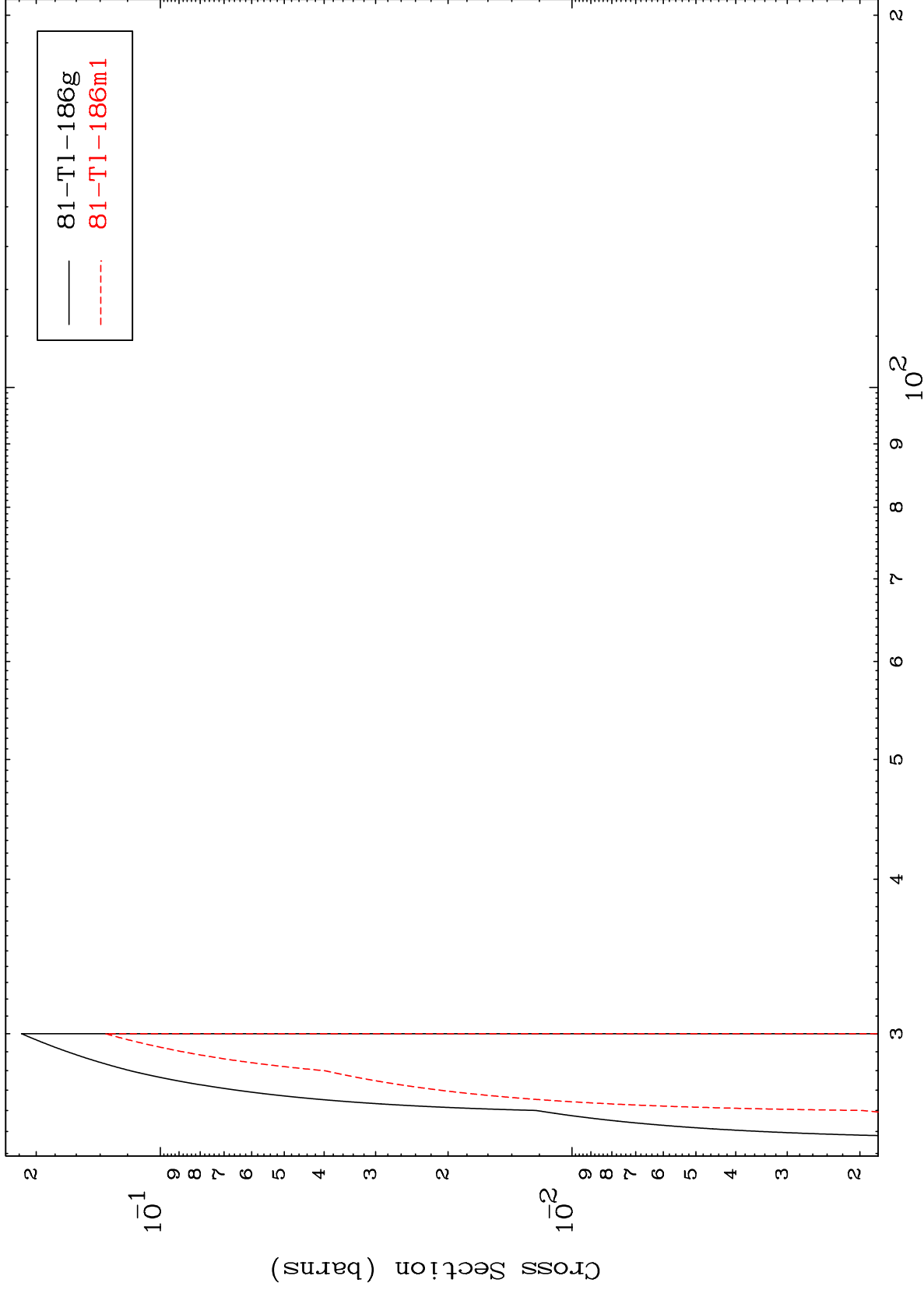


MAT 7887

($\alpha, 2n$)

79-Au-184

Radionuclide Production Cross Section



12

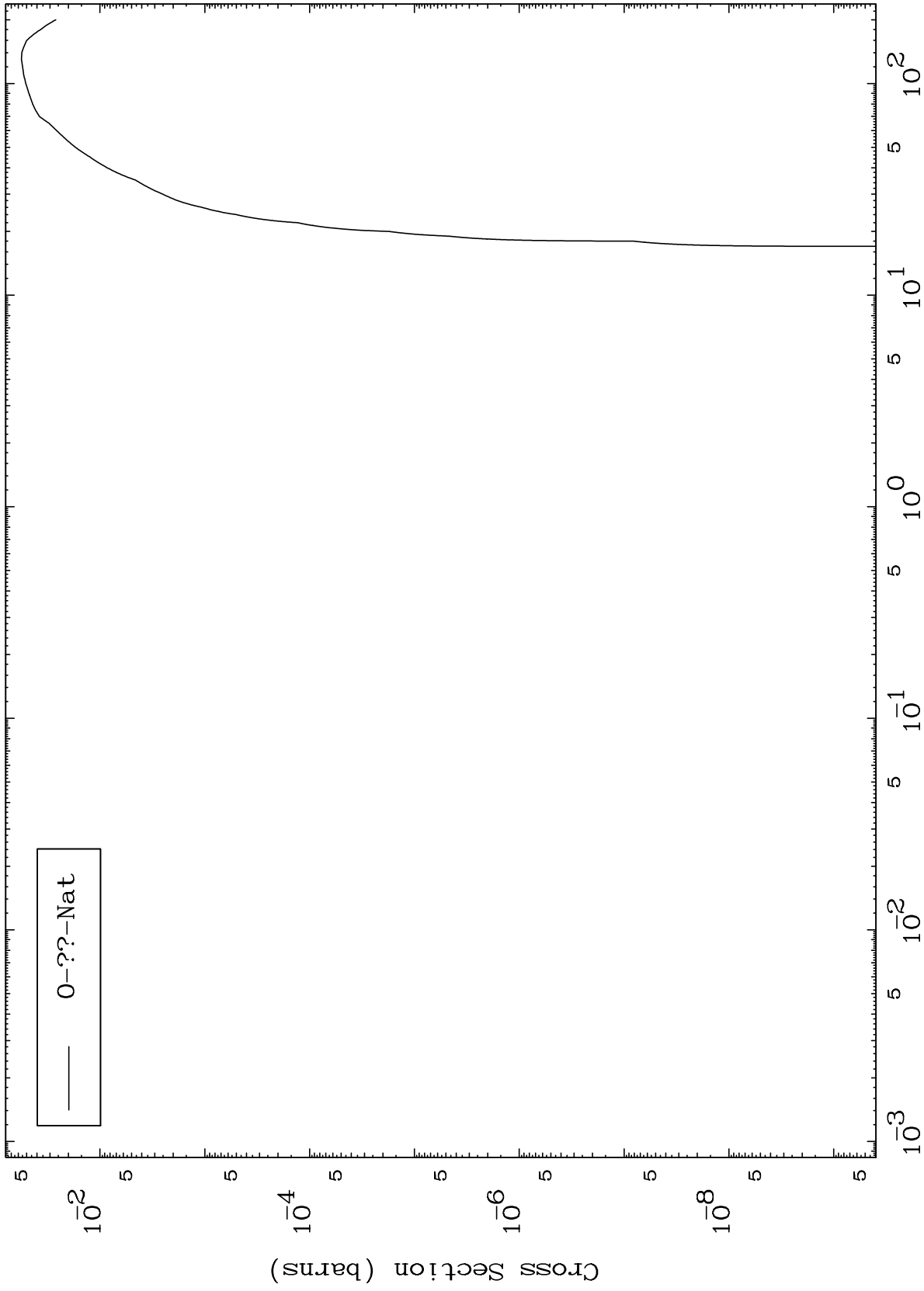
Incident Energy (MeV)

79-Au-184

MAT 7887

α Fission
Radionuclide Production Cross Section

79-Au-184



13

Incident Energy (MeV)

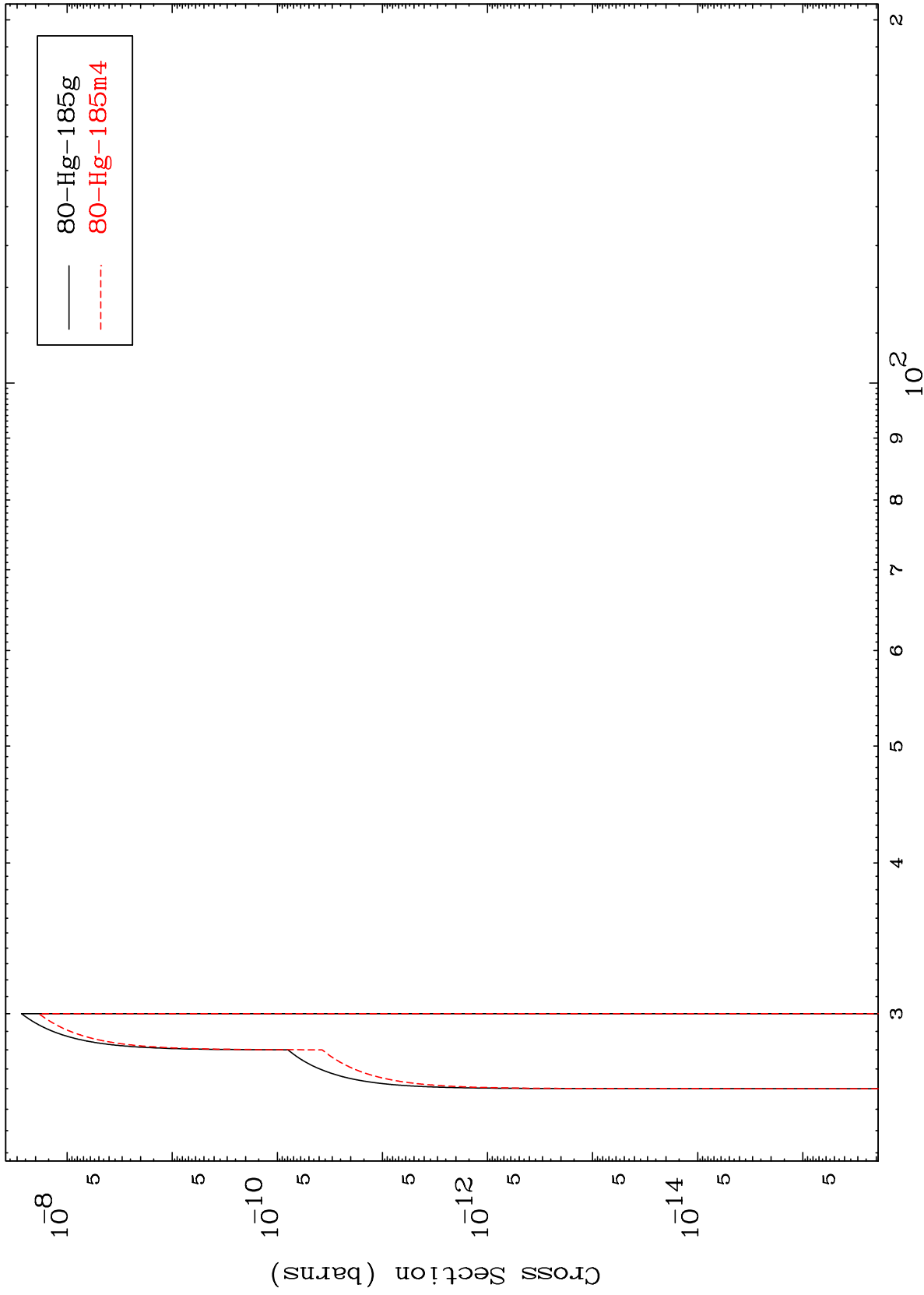
79-Au-184

MAT 7887

(α, n') d

79-Au-184

Radionuclide Production Cross Section



14

Incident Energy (MeV)

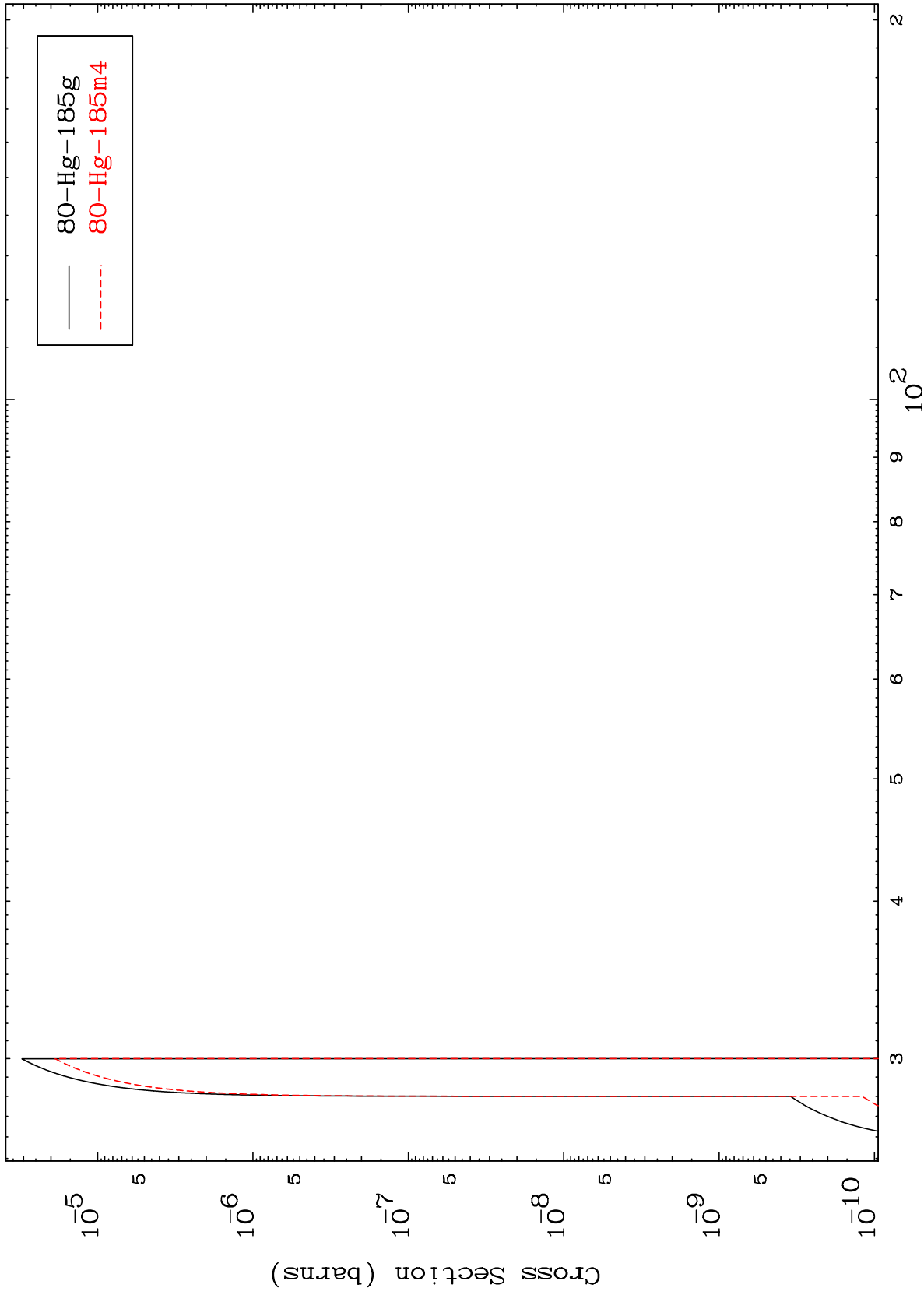
79-Au-184

MAT 7887

$(\alpha, 2n)$ p

79-Au-184

Radionuclide Production Cross Section



15

Incident Energy (MeV)

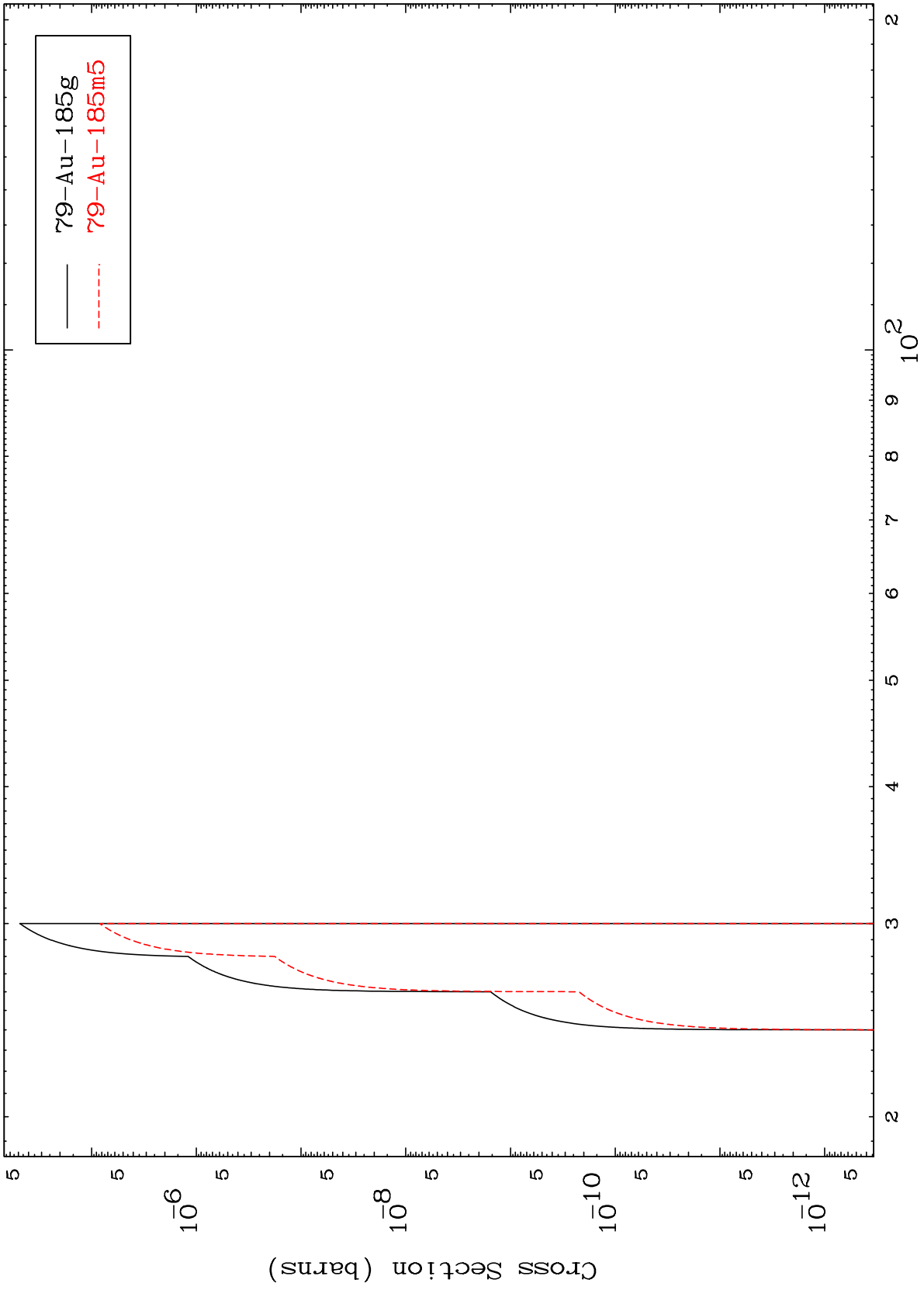
79-Au-184

MAT 7887

$(\alpha, 2n)$ p

$^{79}\text{Au-184}$

Radionuclide Production Cross Section



16

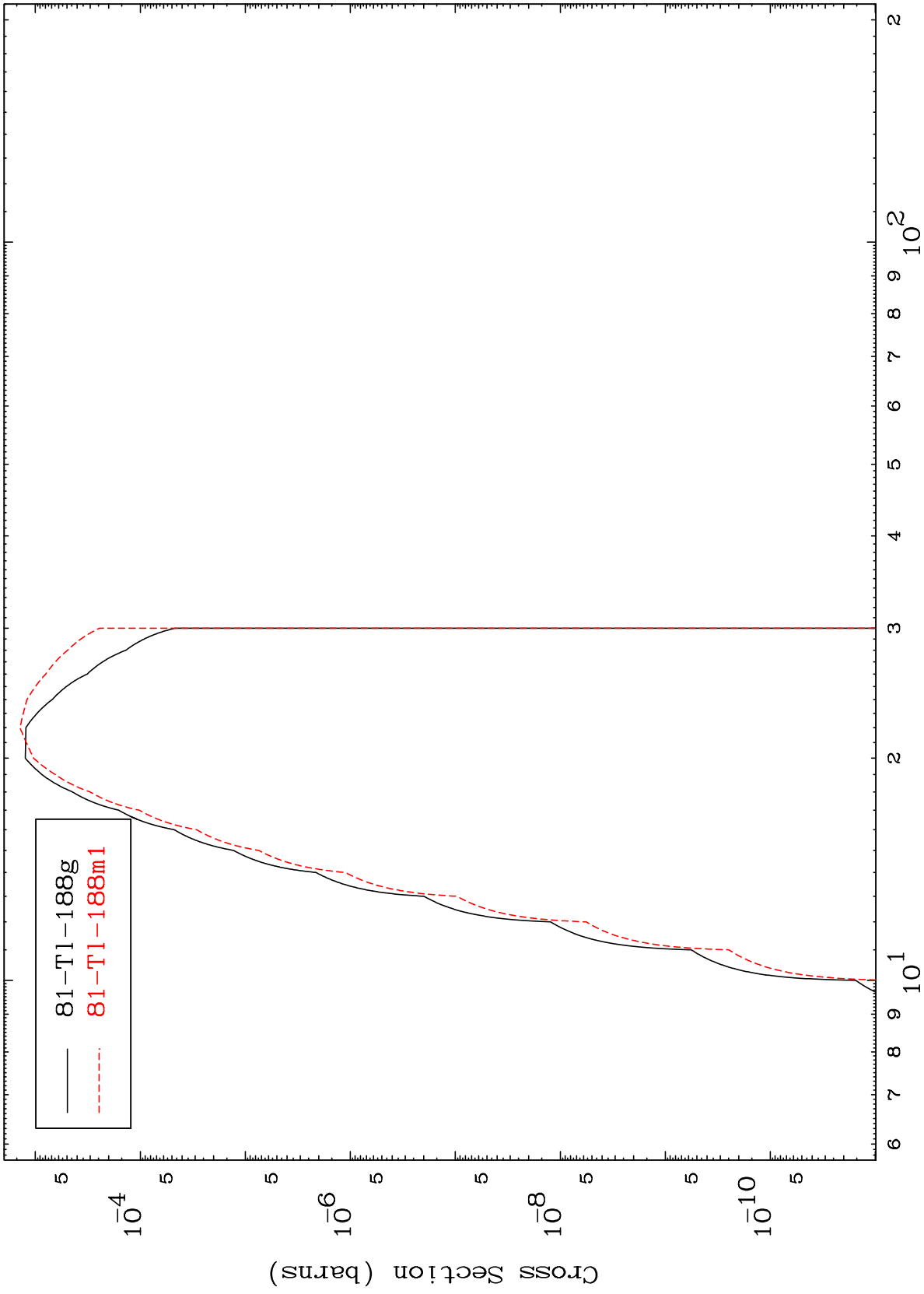
Incident Energy (MeV)

$^{79}\text{Au-184}$

MAT 7887

79-Au-184

(α, γ)
Radionuclide Production Cross Section



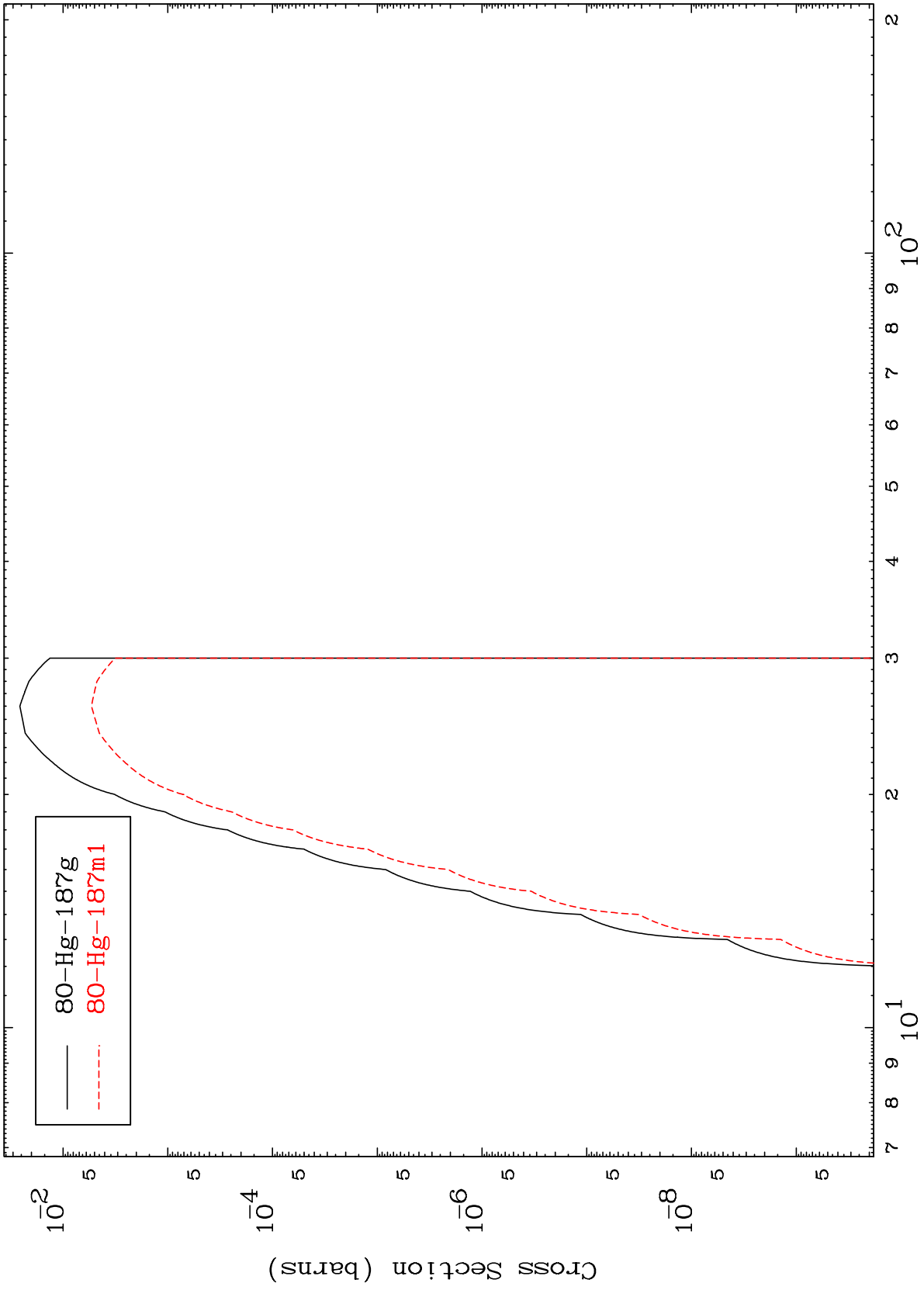
17

79-Au-184

MAT 7887

79-Au-184

(α, p)
Radionuclide Production Cross Section



18

Incident Energy (MeV)

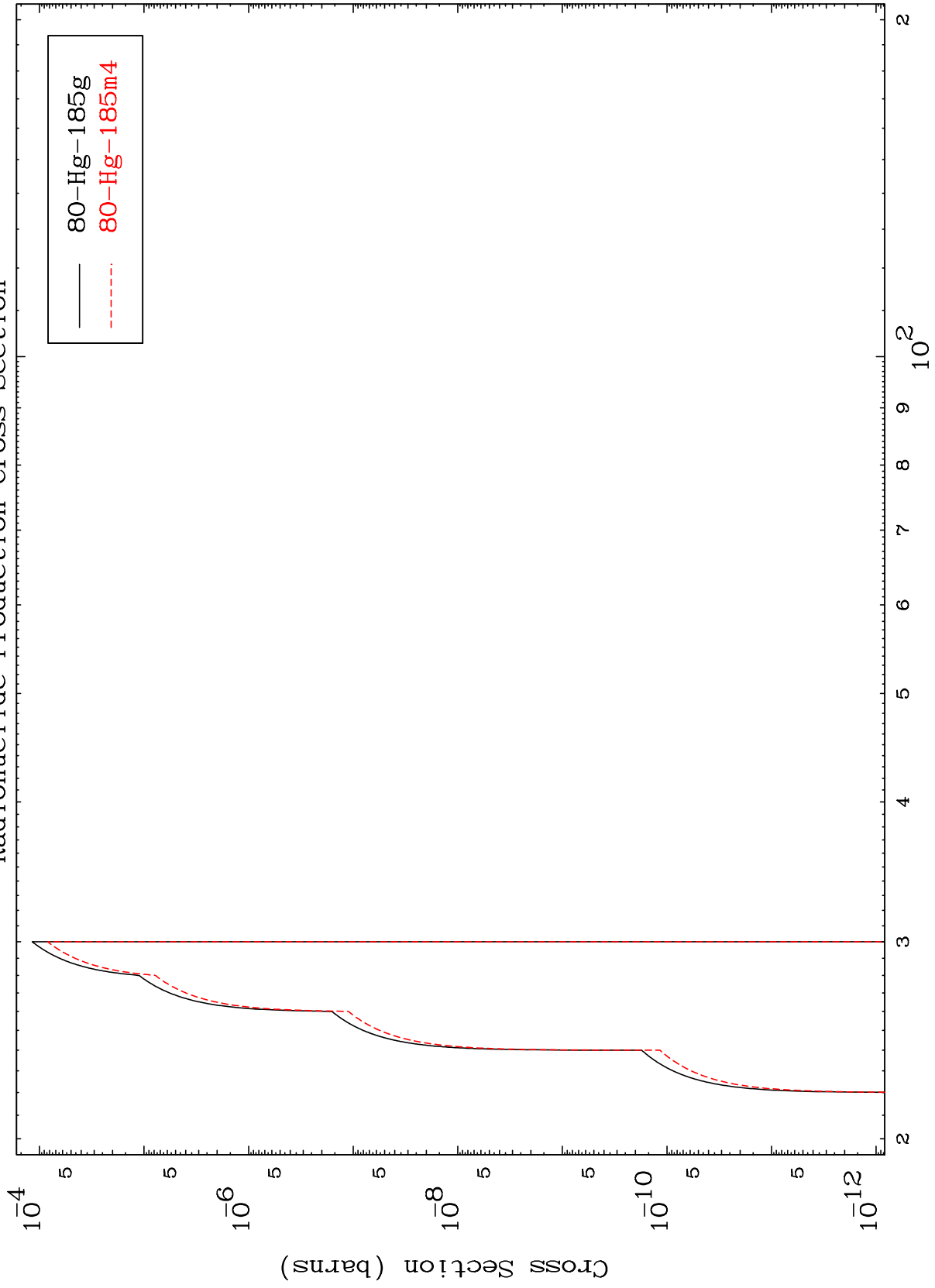
79-Au-184

MAT 7887

(α, t)

79-Au-184

Radionuclide Production Cross Section



19

Incident Energy (MeV)

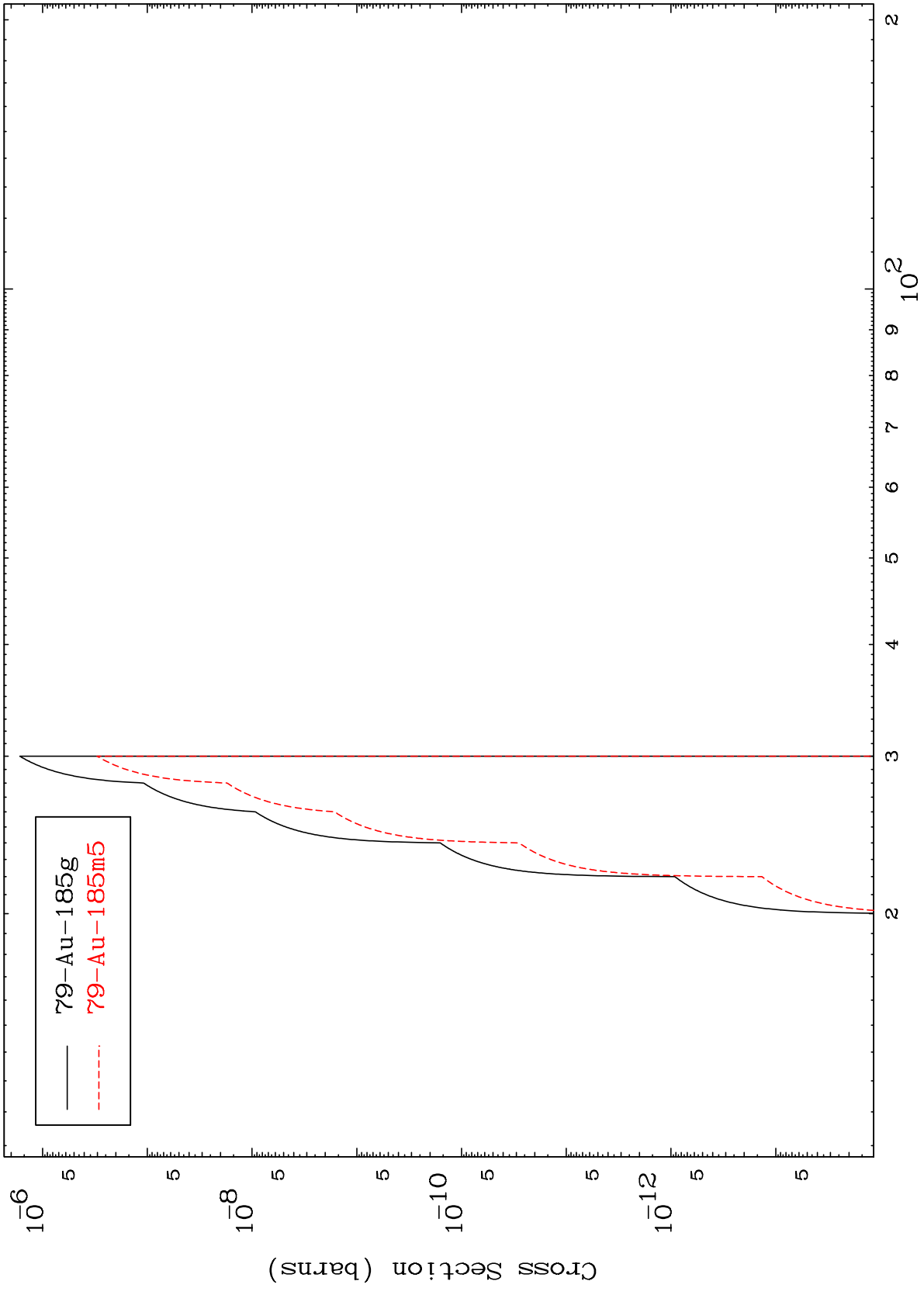
79-Au-184

MAT 7887

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

$^{79}\text{Au-184}$

Radionuclide Production Cross Section



79-Au-185g
79-Au-185m5

20

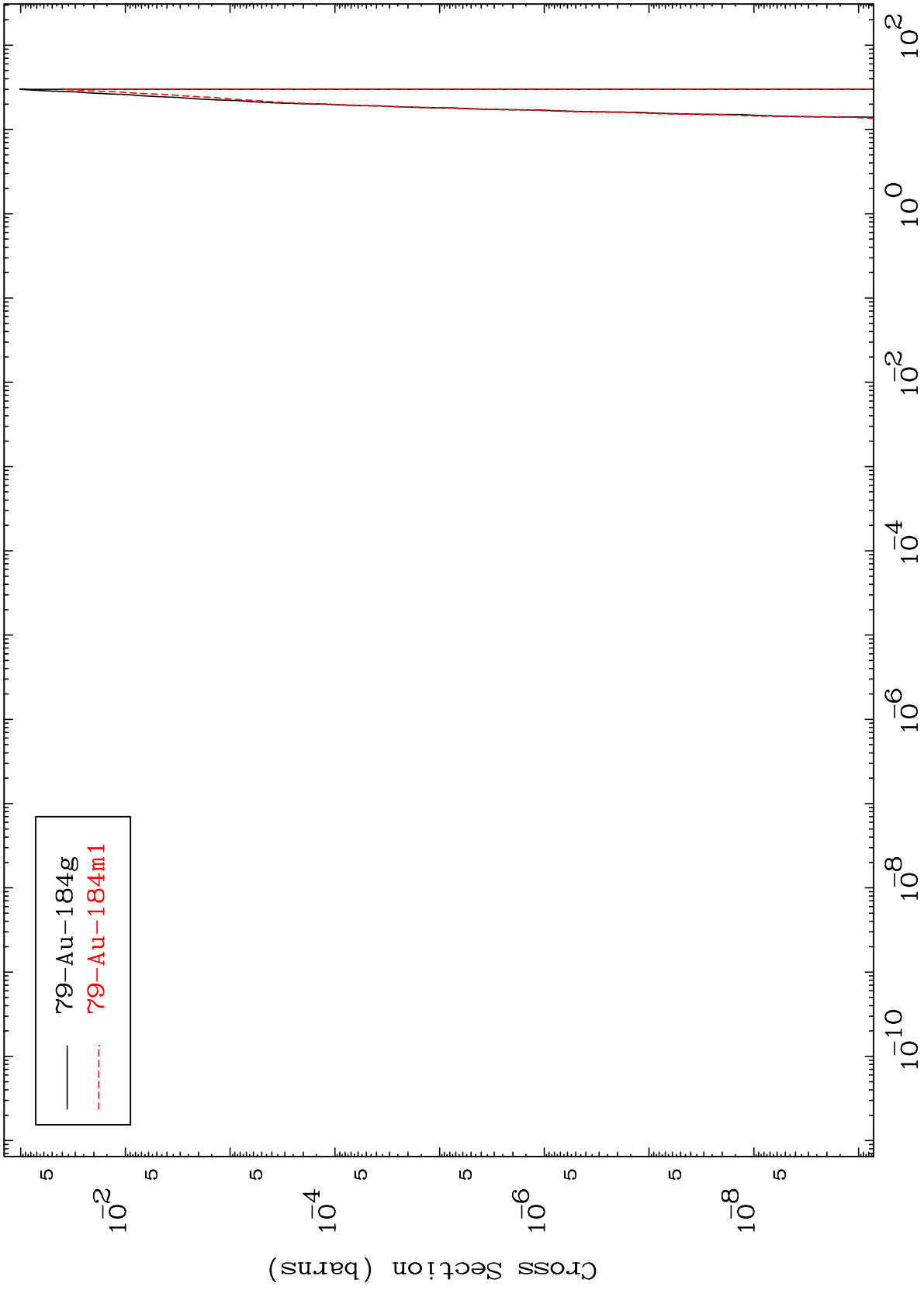
$^{79}\text{Au-184}$

MAT 7887

(α, α)

⁷⁹Au-184

Radionuclide Production Cross Section



21

Incident Energy (MeV)

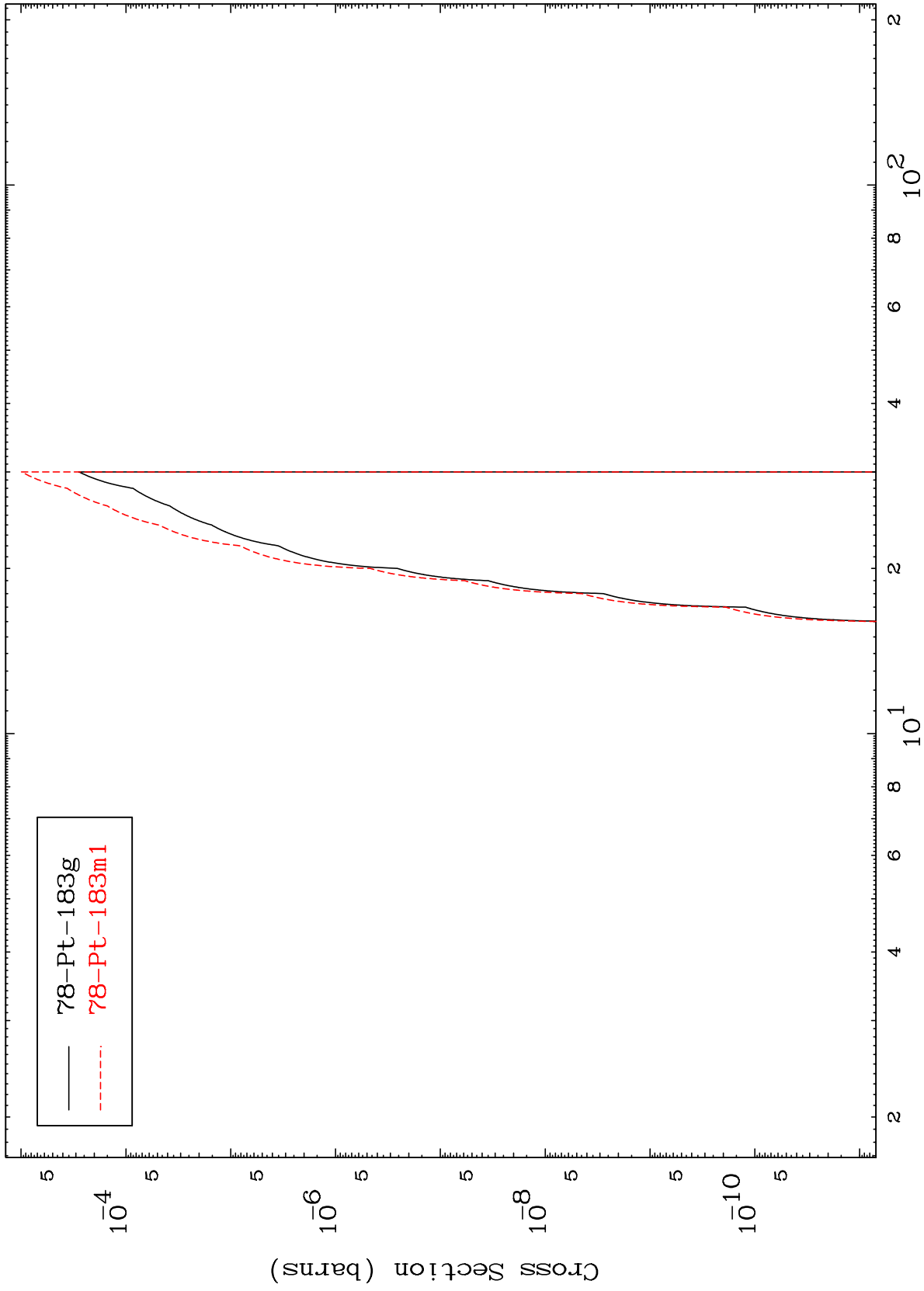
⁷⁹Au-184

MAT 7887

(α, p) α

79-Au-184

Radionuclide Production Cross Section



22

Incident Energy (MeV)

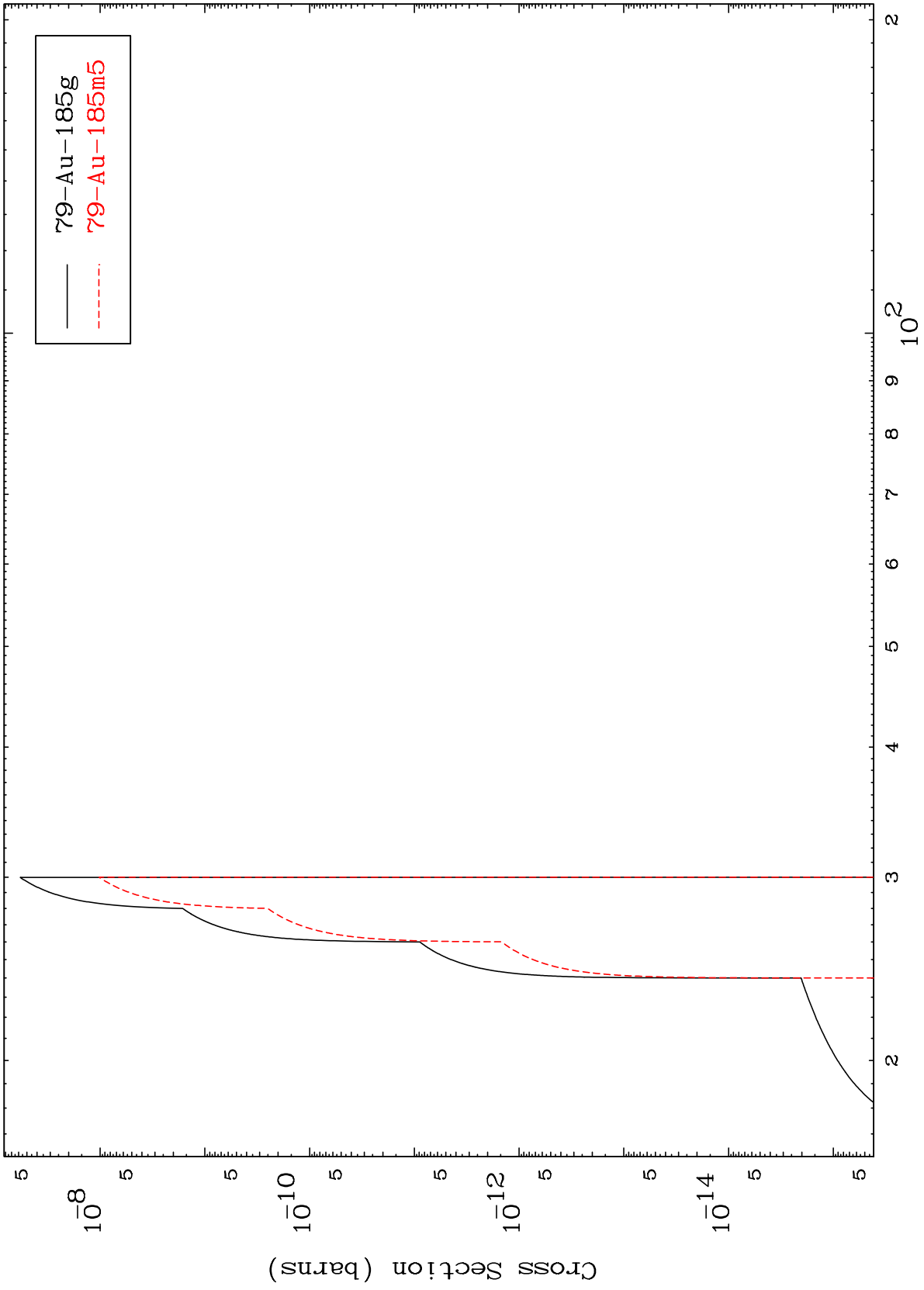
79-Au-184

MAT 7887

(α, p) d

⁷⁹Au-184

Radionuclide Production Cross Section



23

Incident Energy (MeV)

⁷⁹Au-184