

Program EVALPLOT
(Version 2018-1)

by

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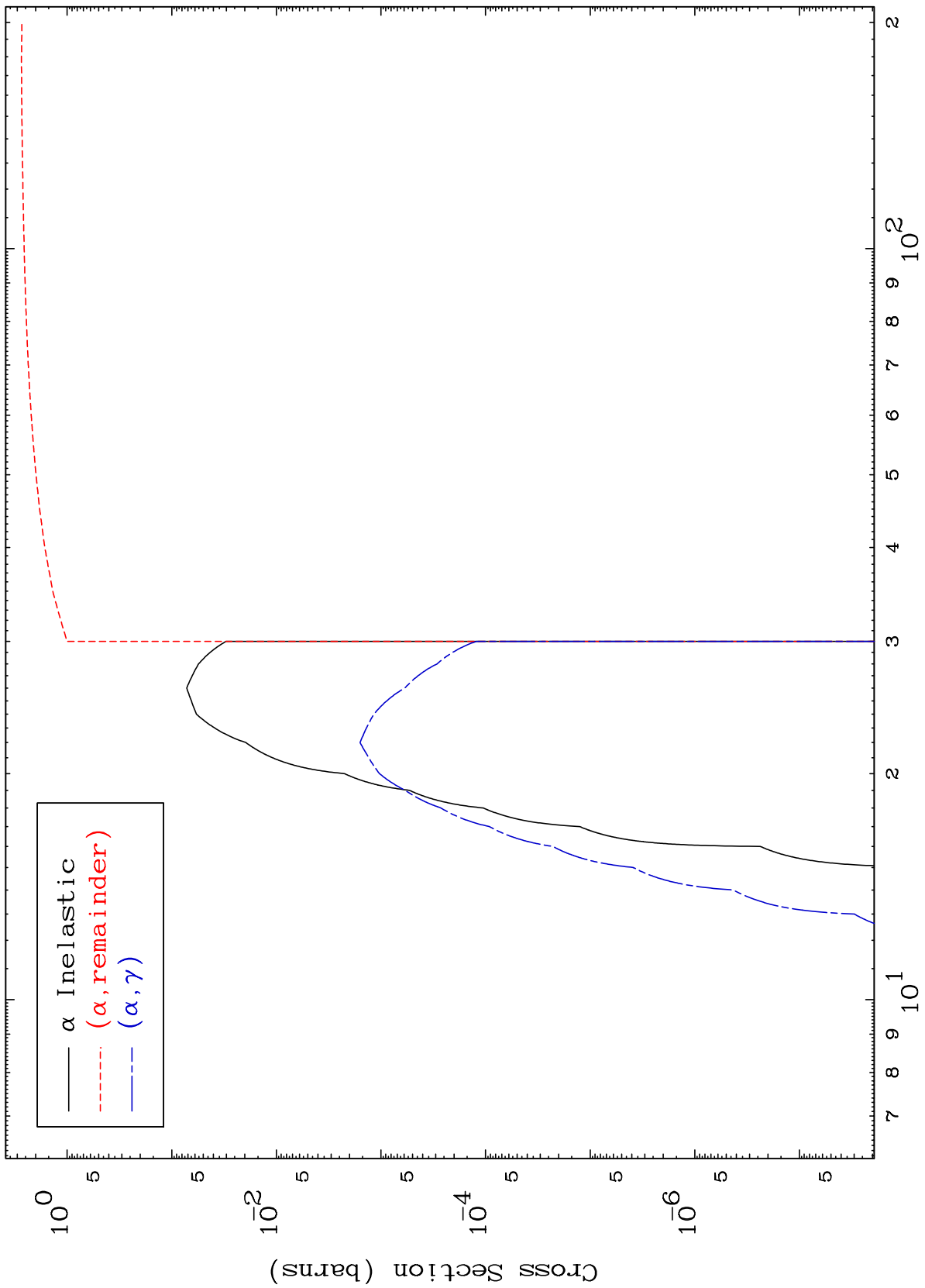
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8287

0 Kelvin α Major
Cross Sections

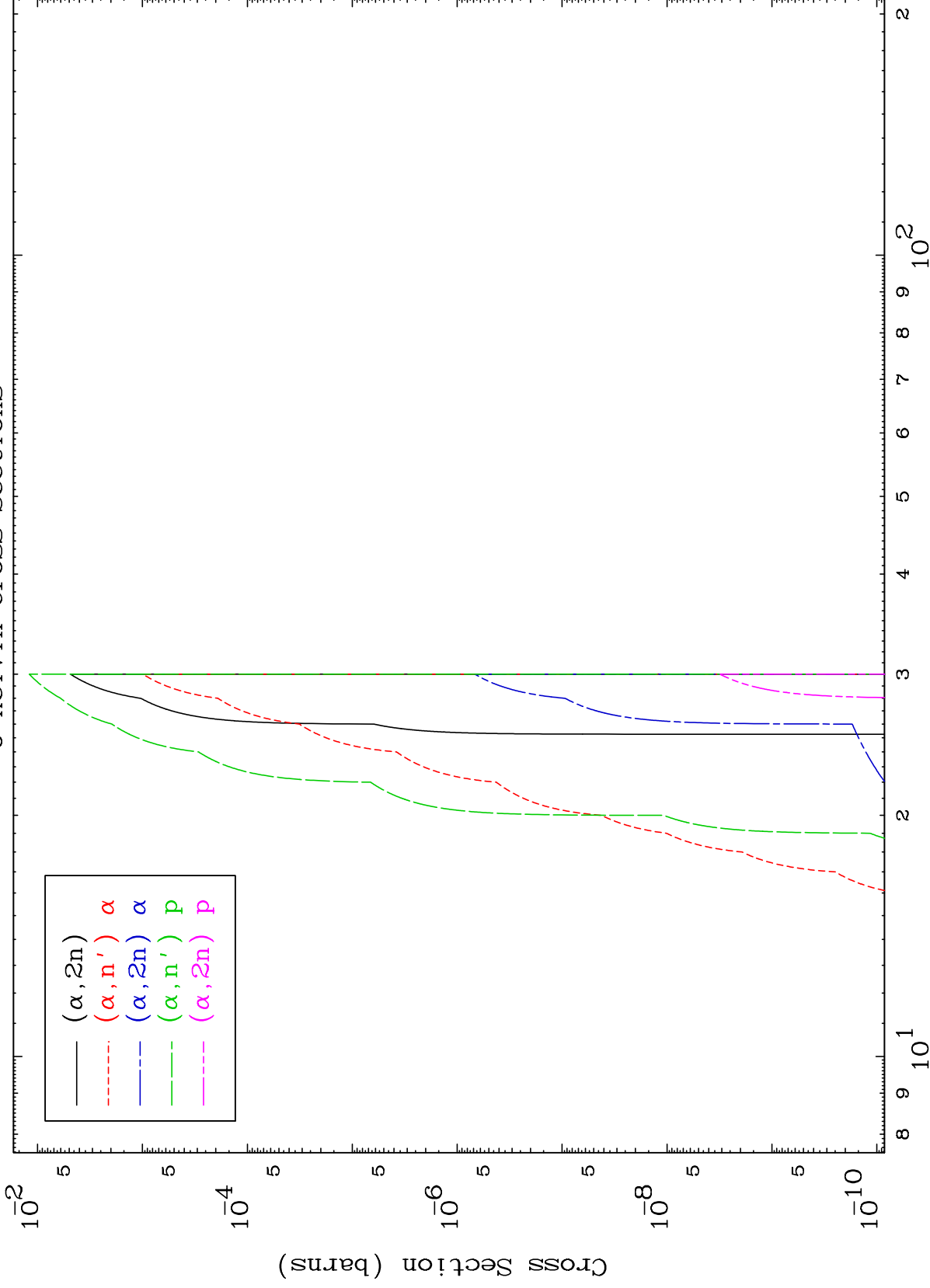
83-Bi-196

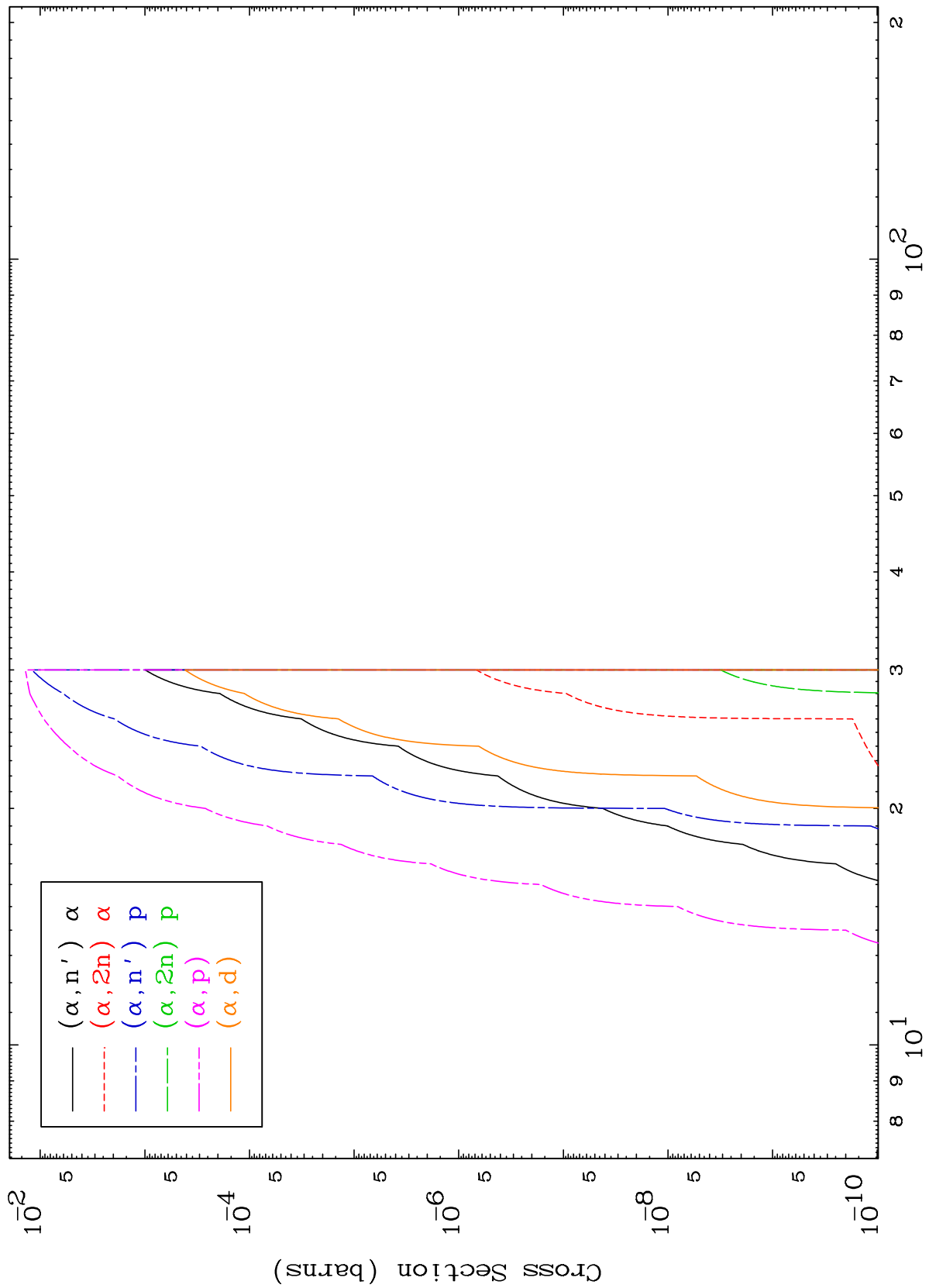


1

Incident Energy (MeV)

83-Bi-196

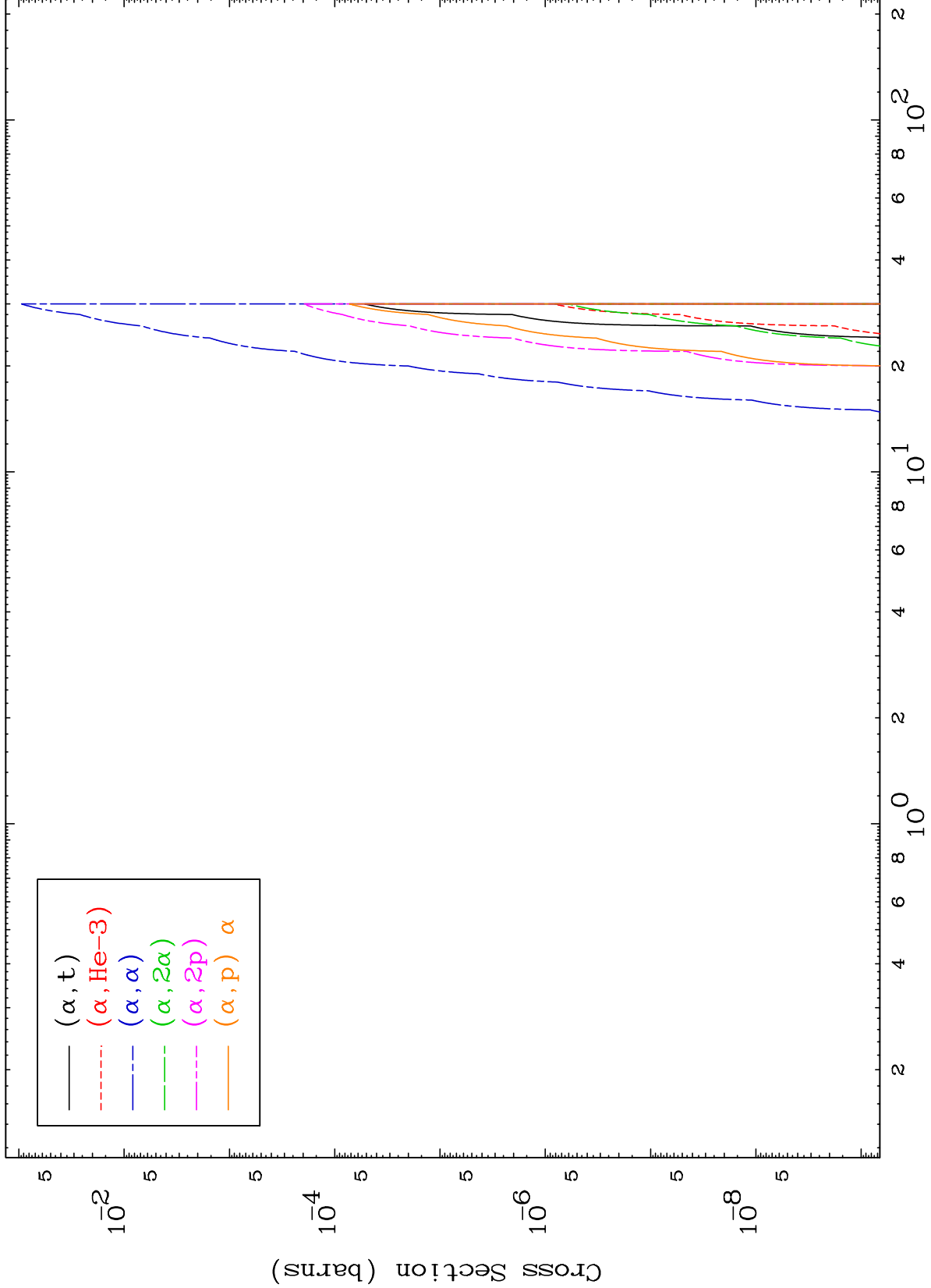




MAT 8287

α Charged Particle
0 Kelvin Cross Sections

83-Bi-196

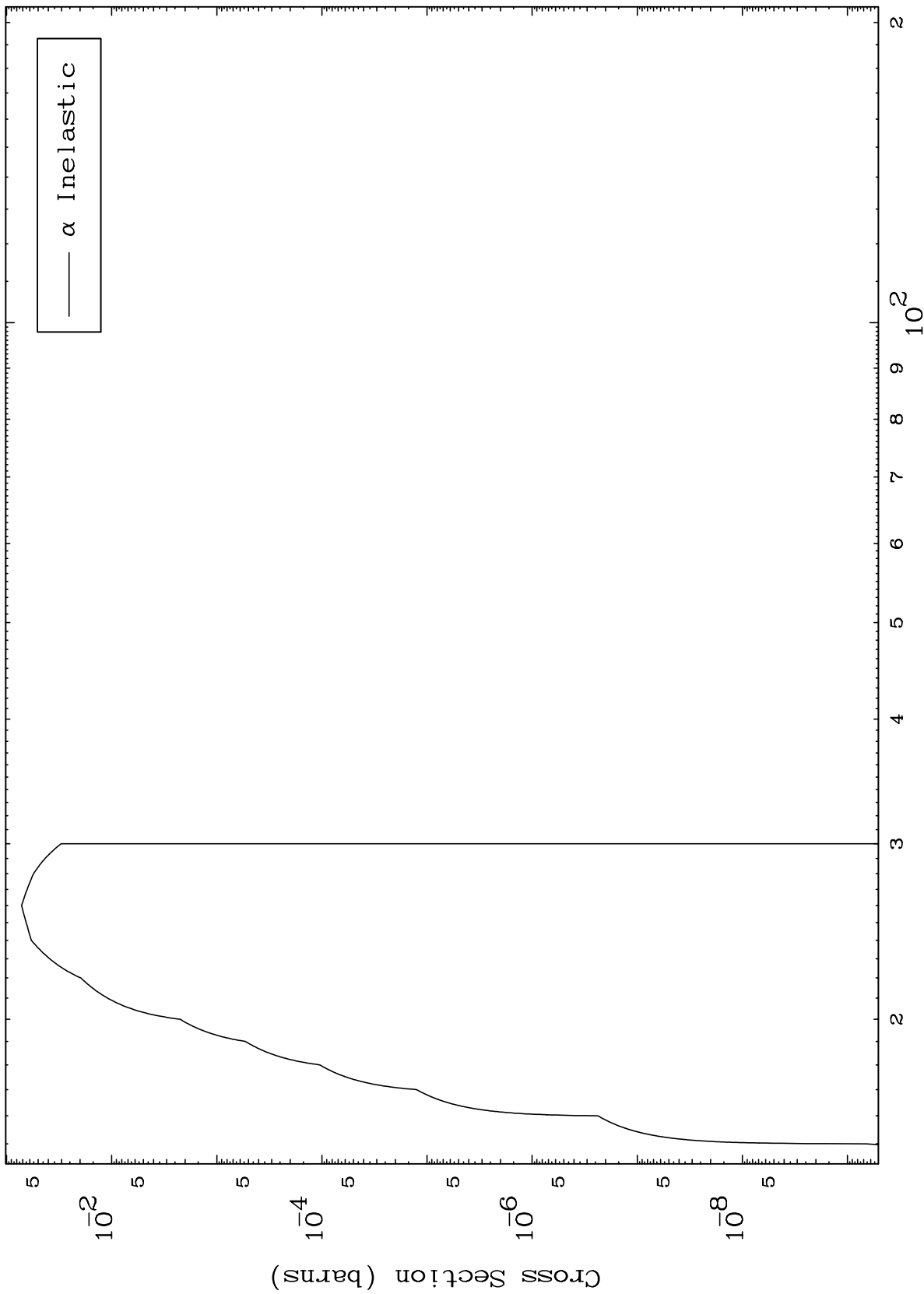


MAT 8287

(α, n') Level

83-Bi-196

0 Kelvin Cross Sections



5

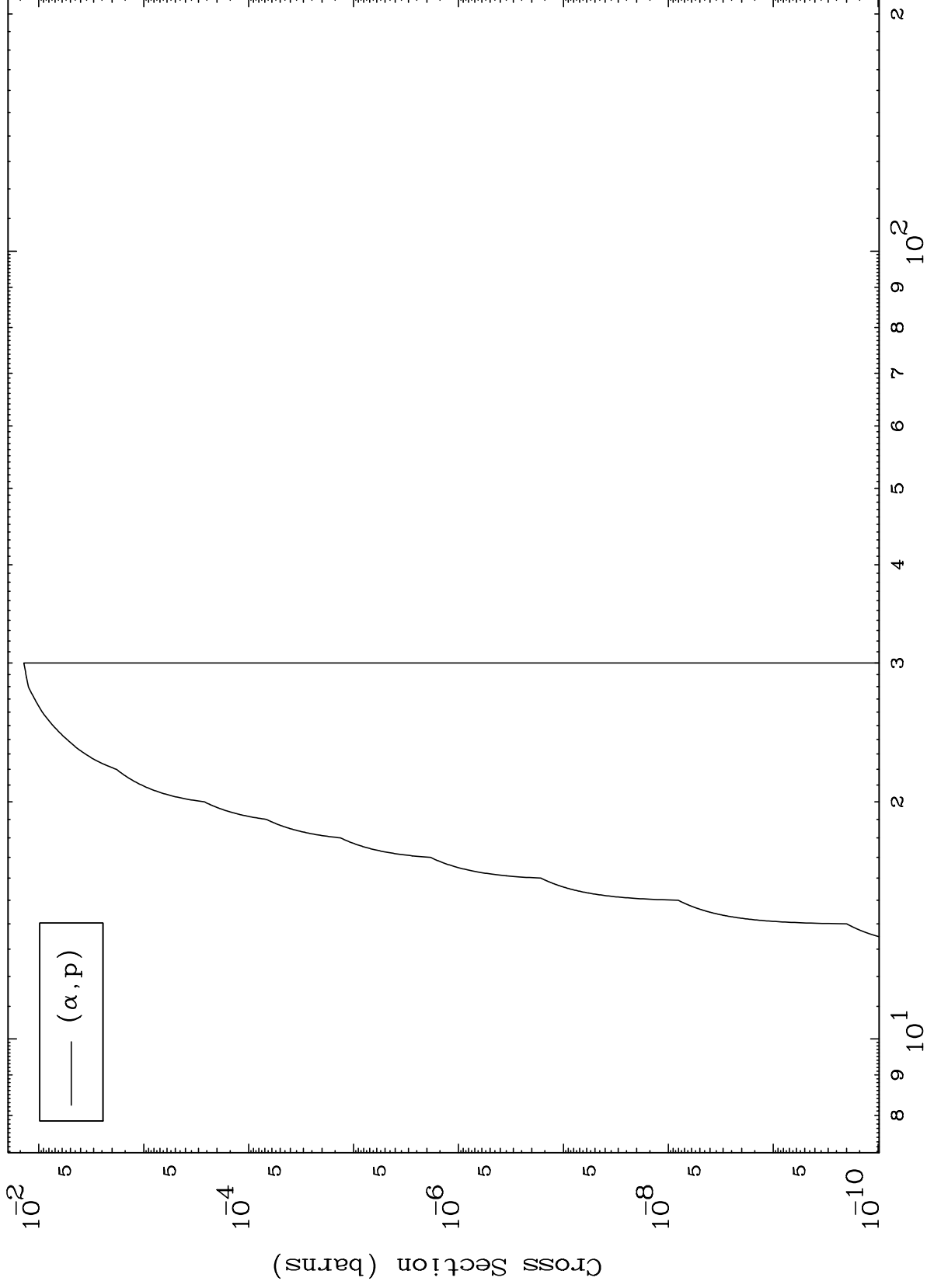
Incident Energy (MeV)

83-Bi-196

MAT 8287

(α, p) Levels
0 Kelvin Cross Sections

83-Bi-196



Incident Energy (MeV)

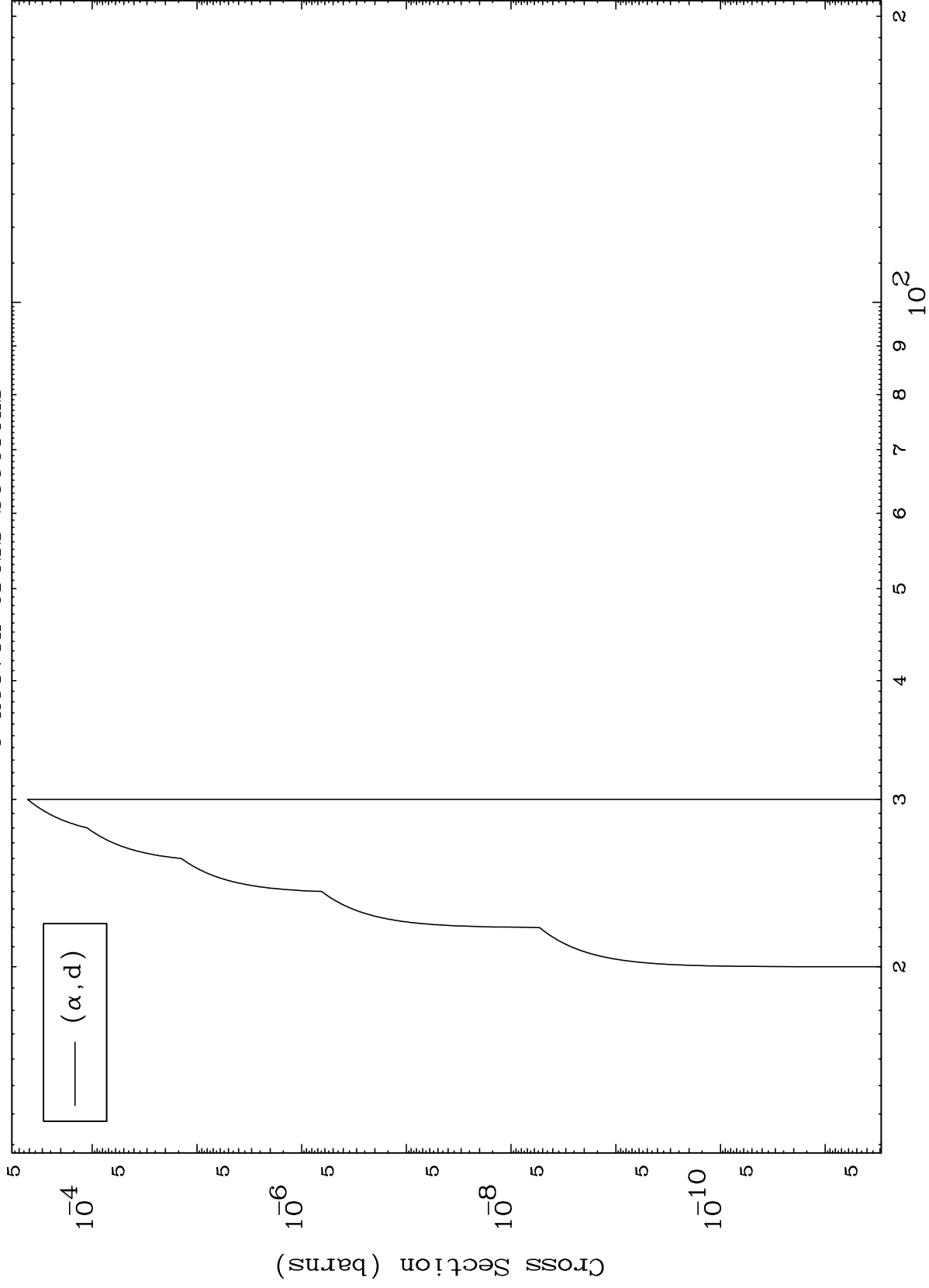
83-Bi-196

6

MAT 8287

(α, d) Levels
0 Kelvin Cross Sections

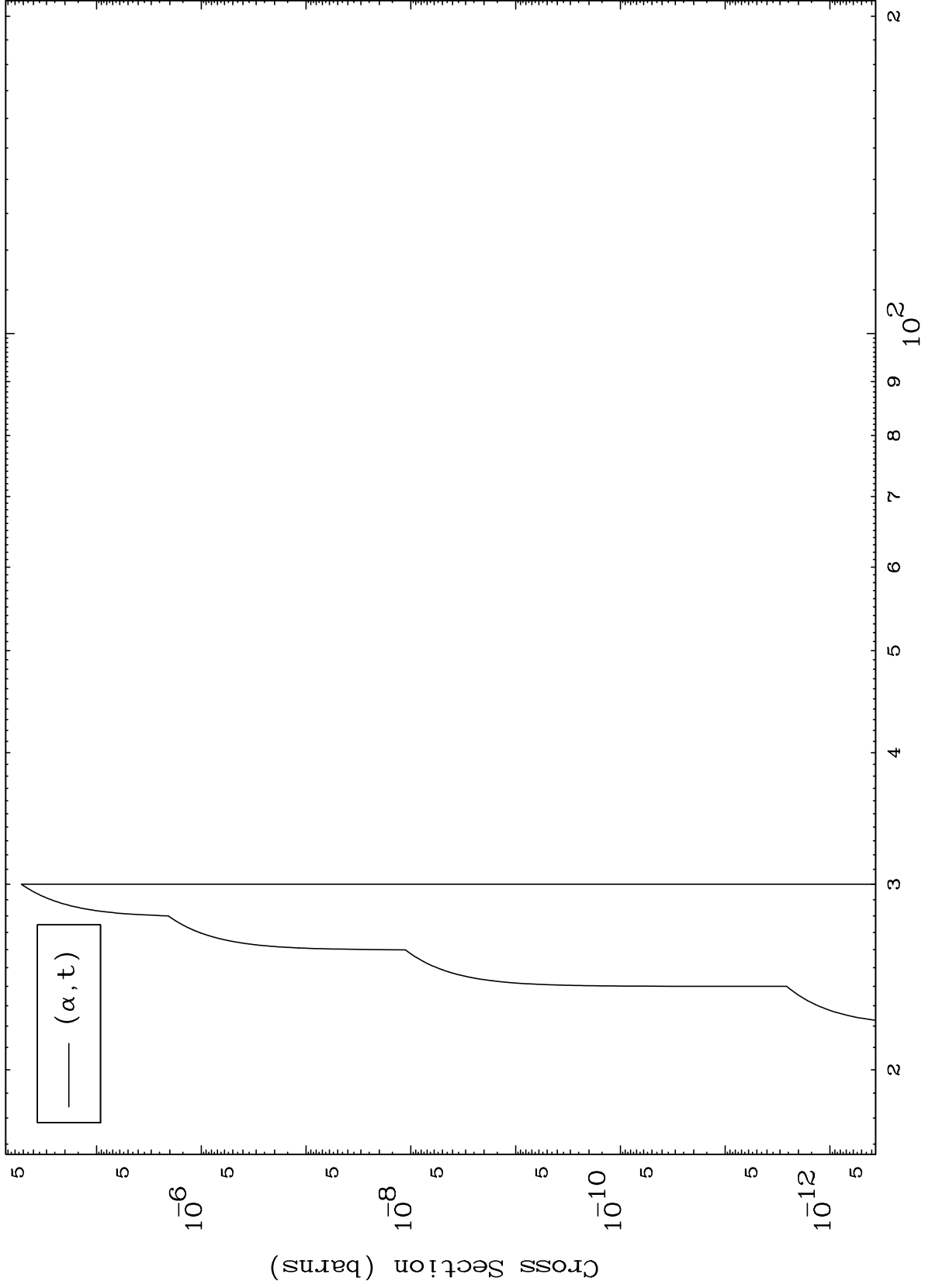
83-Bi-196



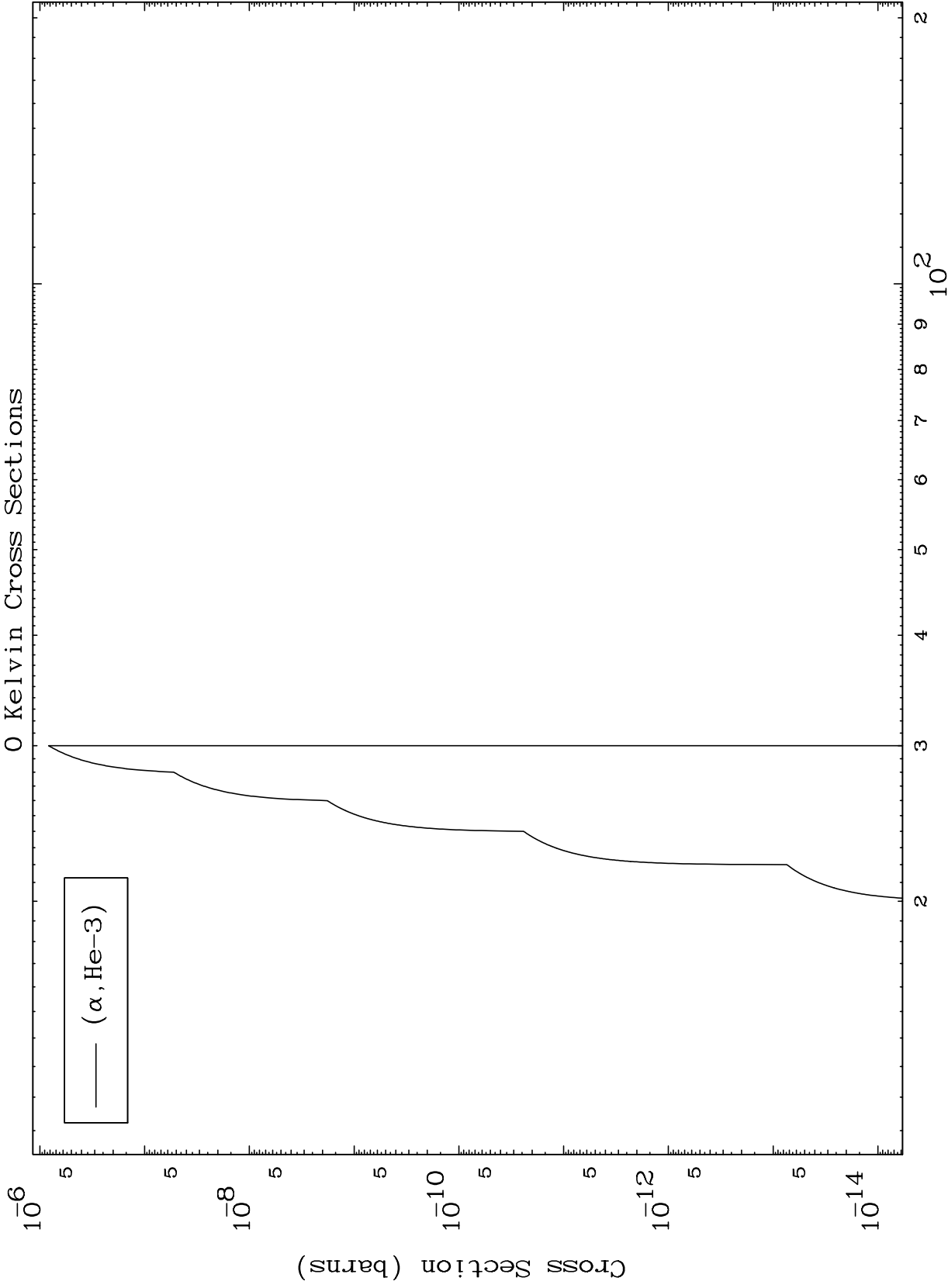
7

Incident Energy (MeV)

83-Bi-196



(α , He3) Levels
0 Kelvin Cross Sections

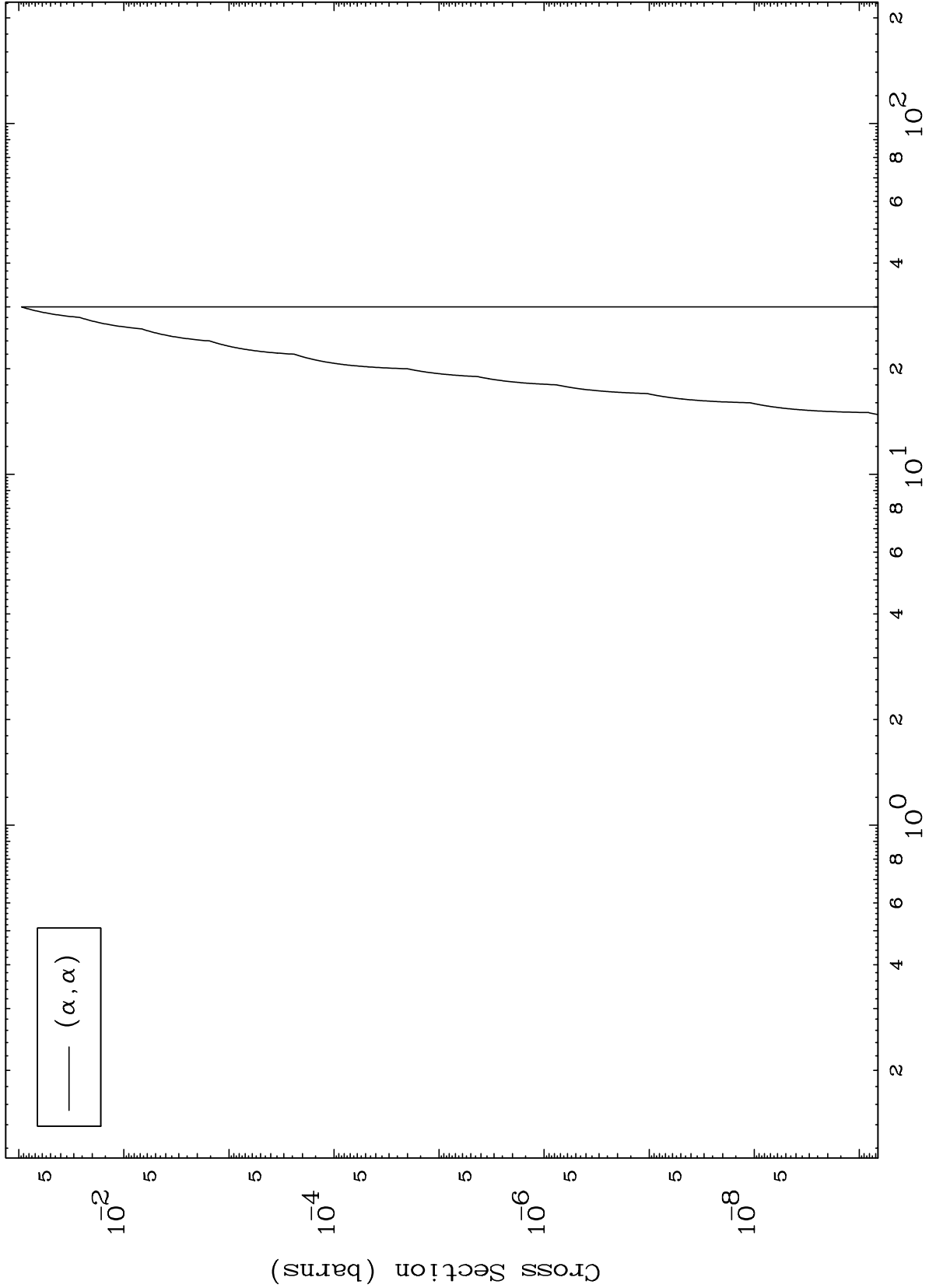


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(α, α) Levels

83-Bi-196

0 Kelvin Cross Sections



10

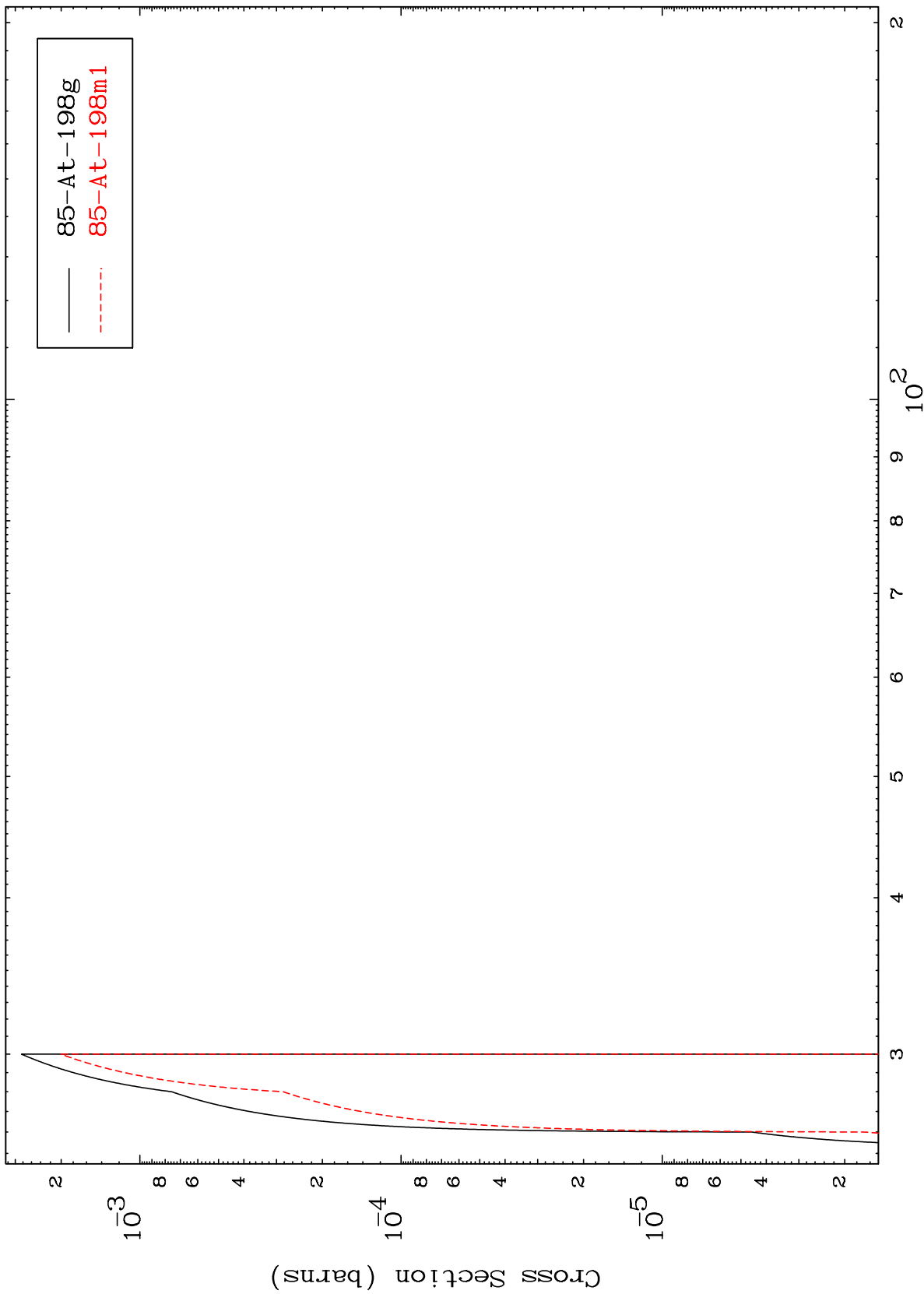
Incident Energy (MeV)

83-Bi-196

MAT 8287

83-Bi-196

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



83-Bi-196

Incident Energy (MeV)

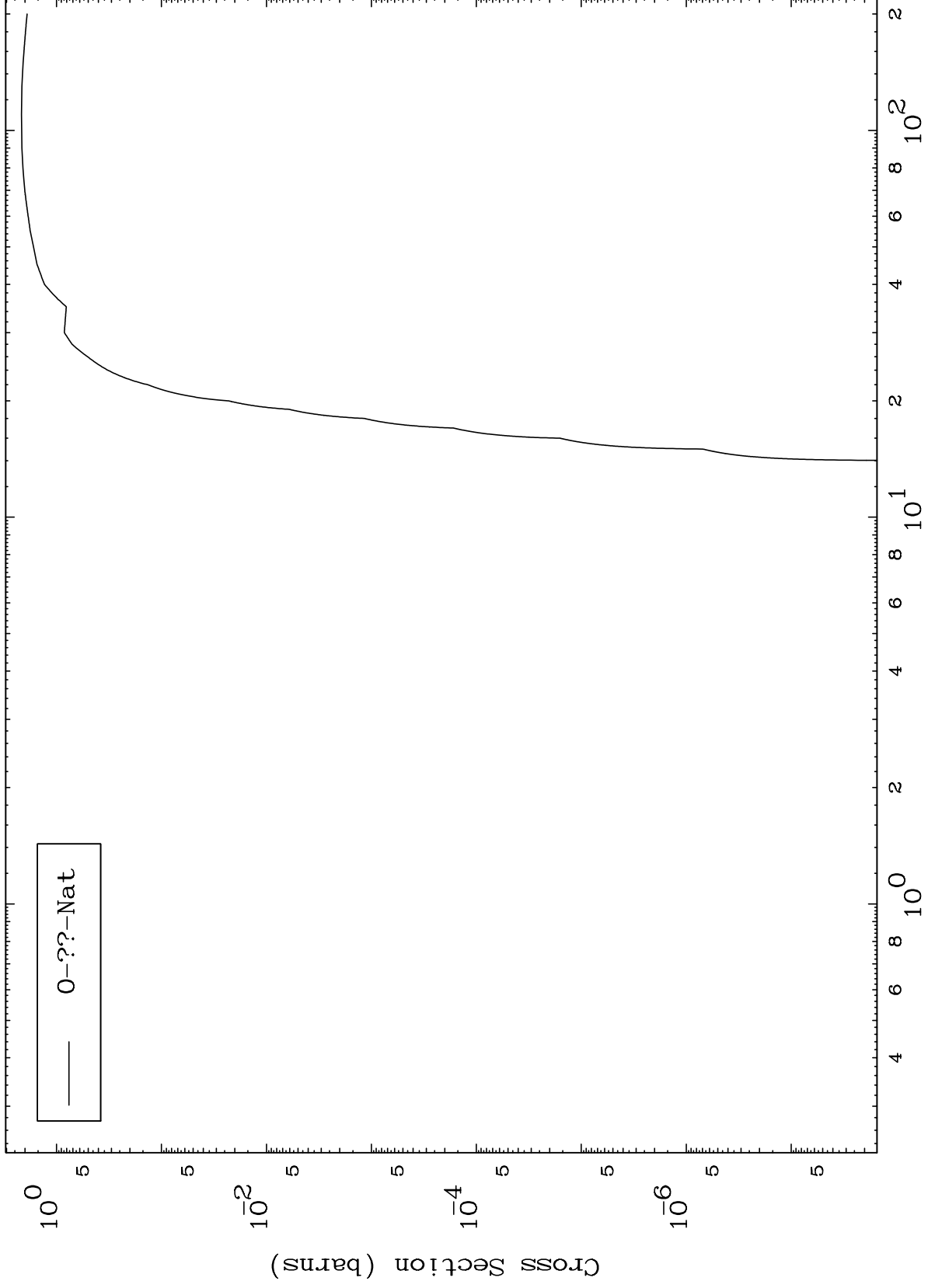
11

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83-Bi-196

α Fission

Radionuclide Production Cross Section



12

83-Bi-196

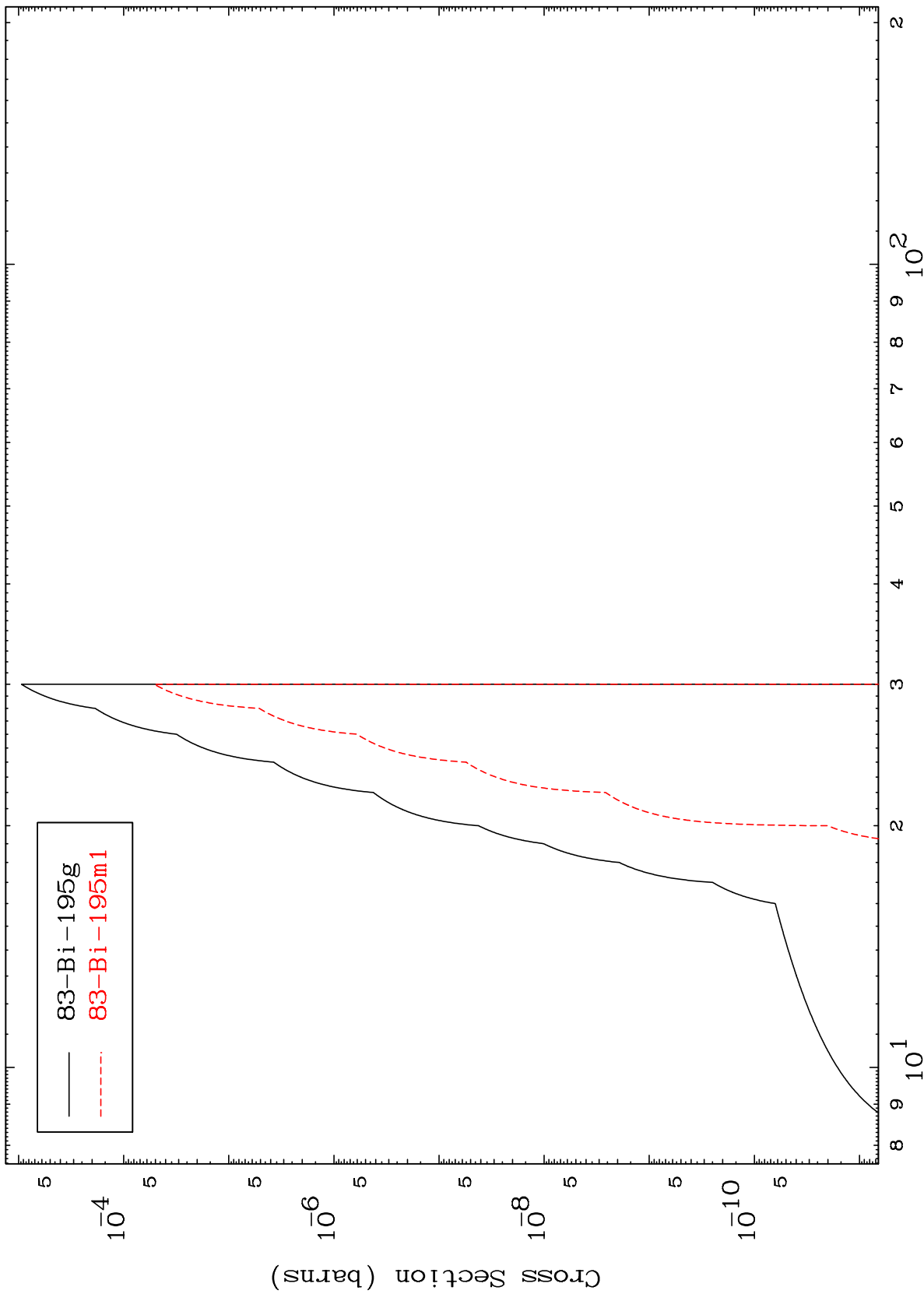
Incident Energy (MeV)

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(α, n') α

83-Bi-196

Radionuclide Production Cross Section



13

Incident Energy (MeV)

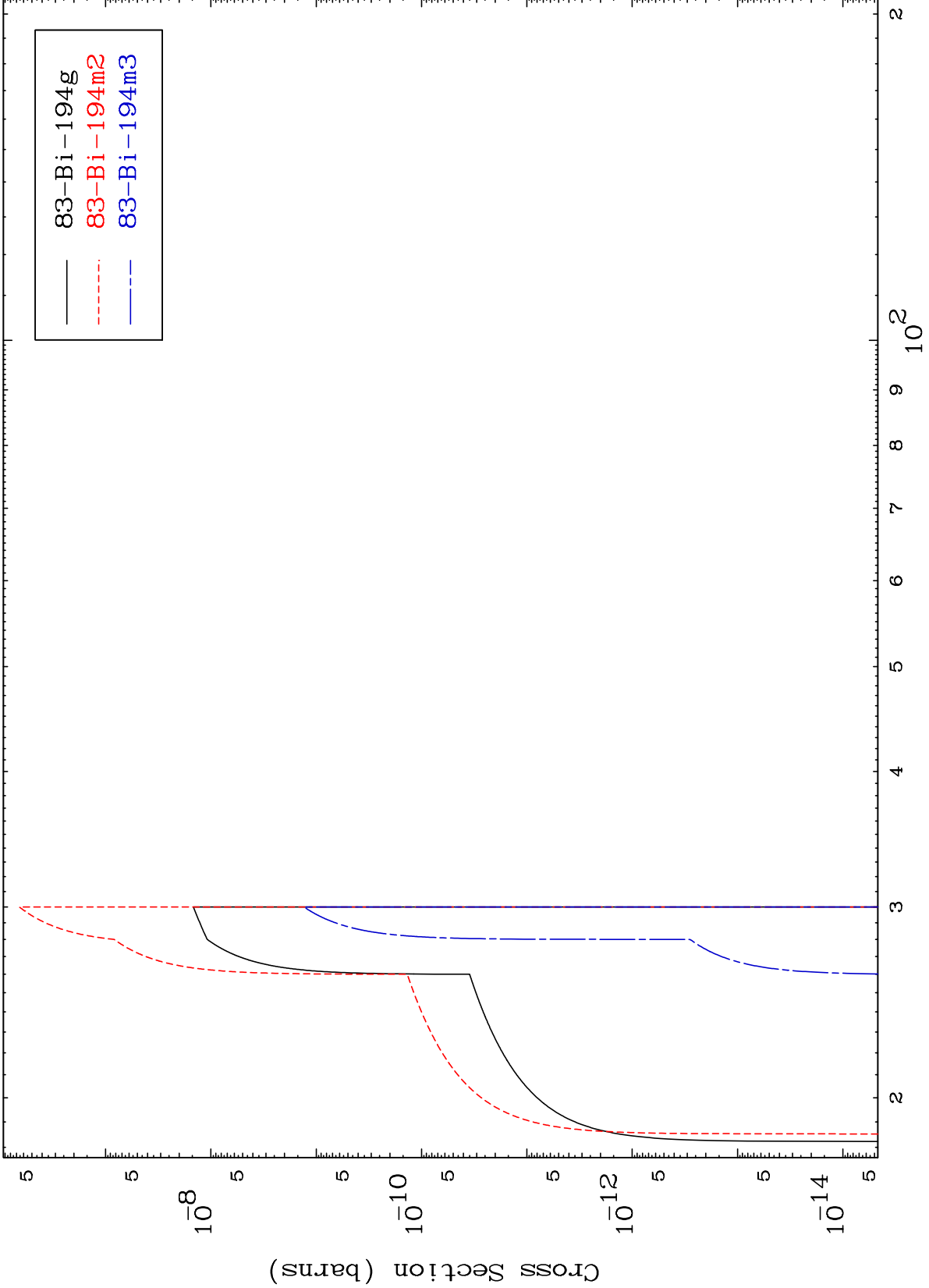
83-Bi-196

MAT 8287

$(\alpha, 2n) \alpha$

83-Bi-196

Radionuclide Production Cross Section



14

Incident Energy (MeV)

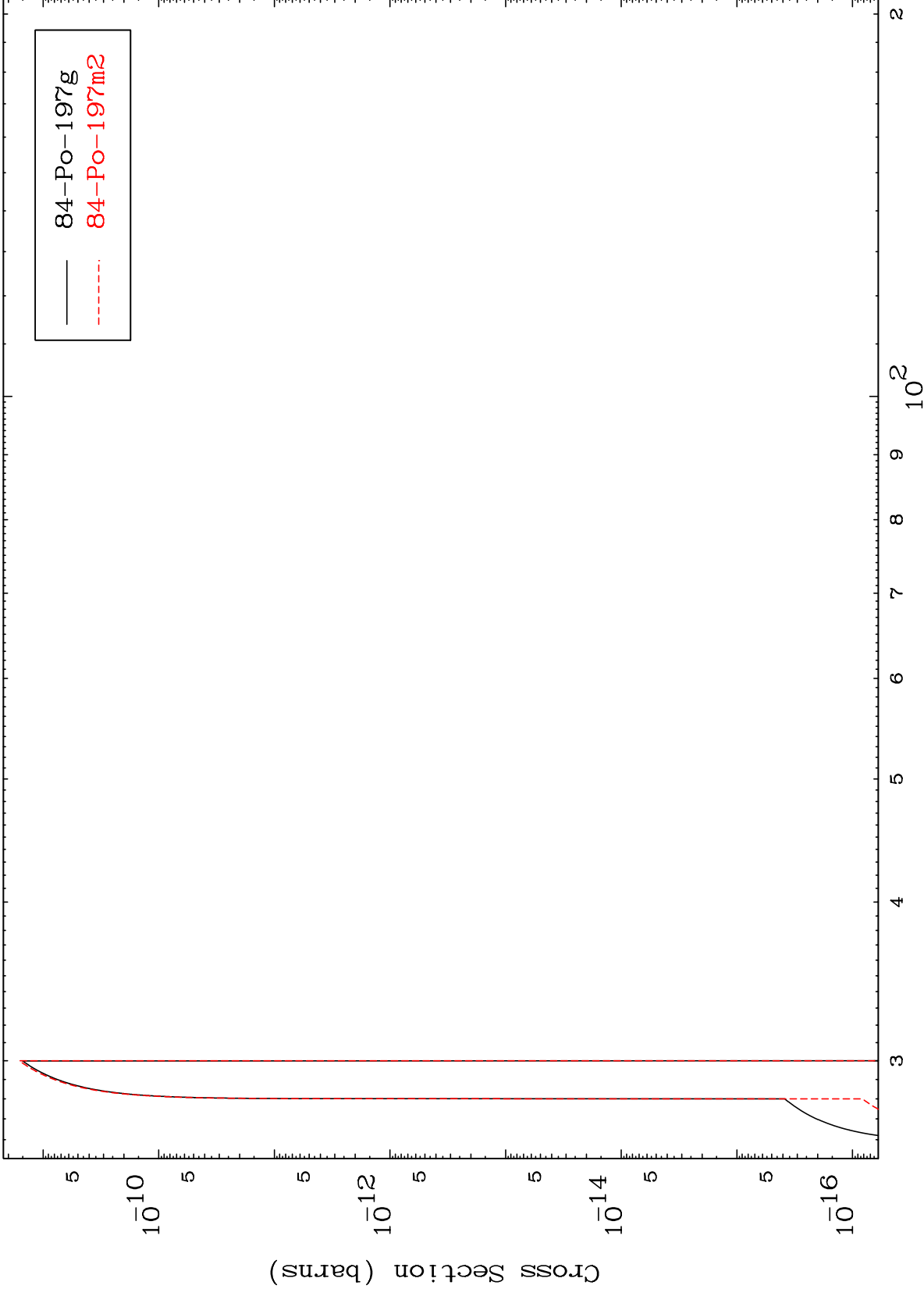
83-Bi-196

MAT 8287

$(\alpha, 2n)$ p

83-Bi-196

Radionuclide Production Cross Section



15

Incident Energy (MeV)

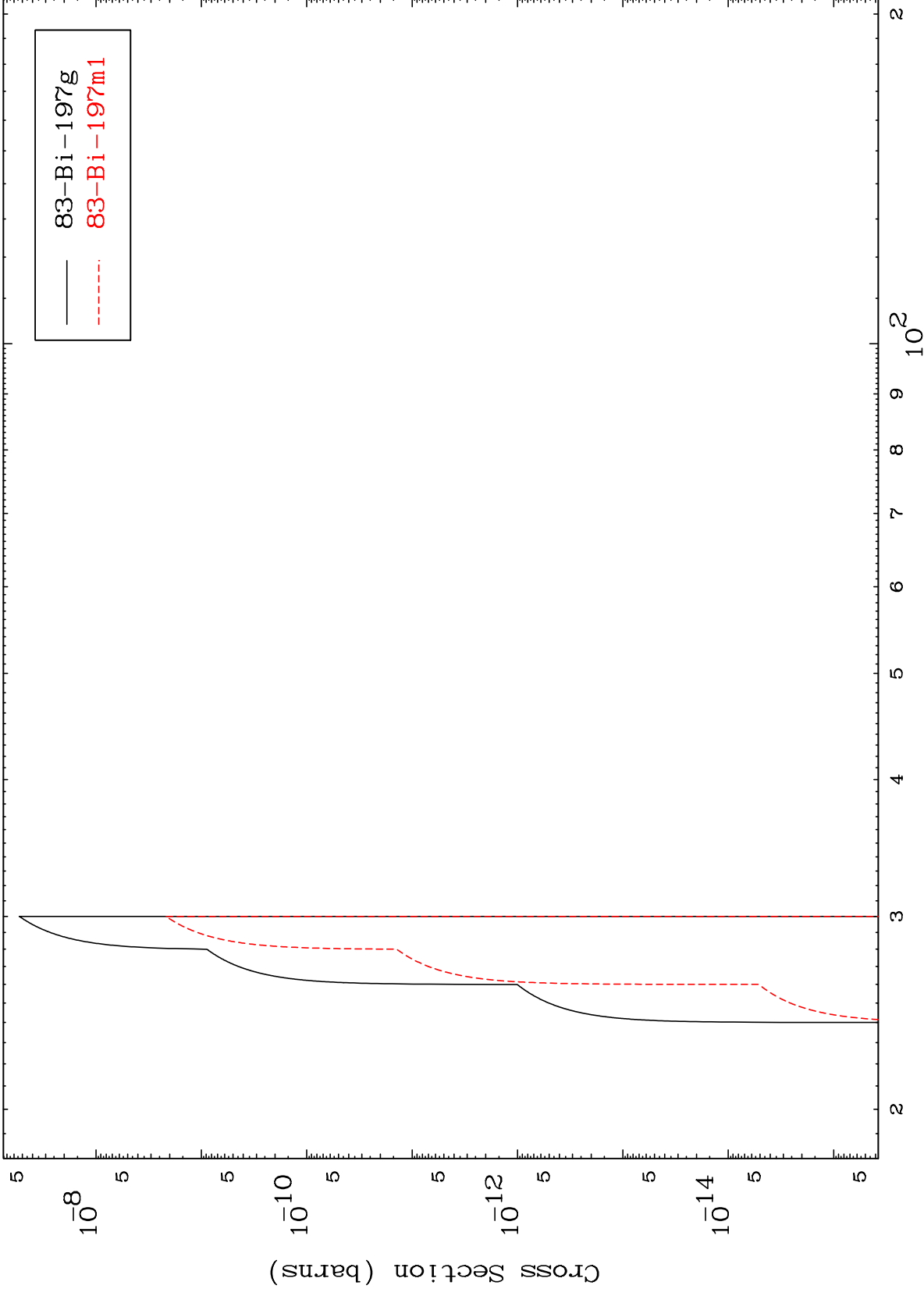
83-Bi-196

MAT 8287

$(\alpha, 2n)$ p

83-Bi-196

Radionuclide Production Cross Section



16

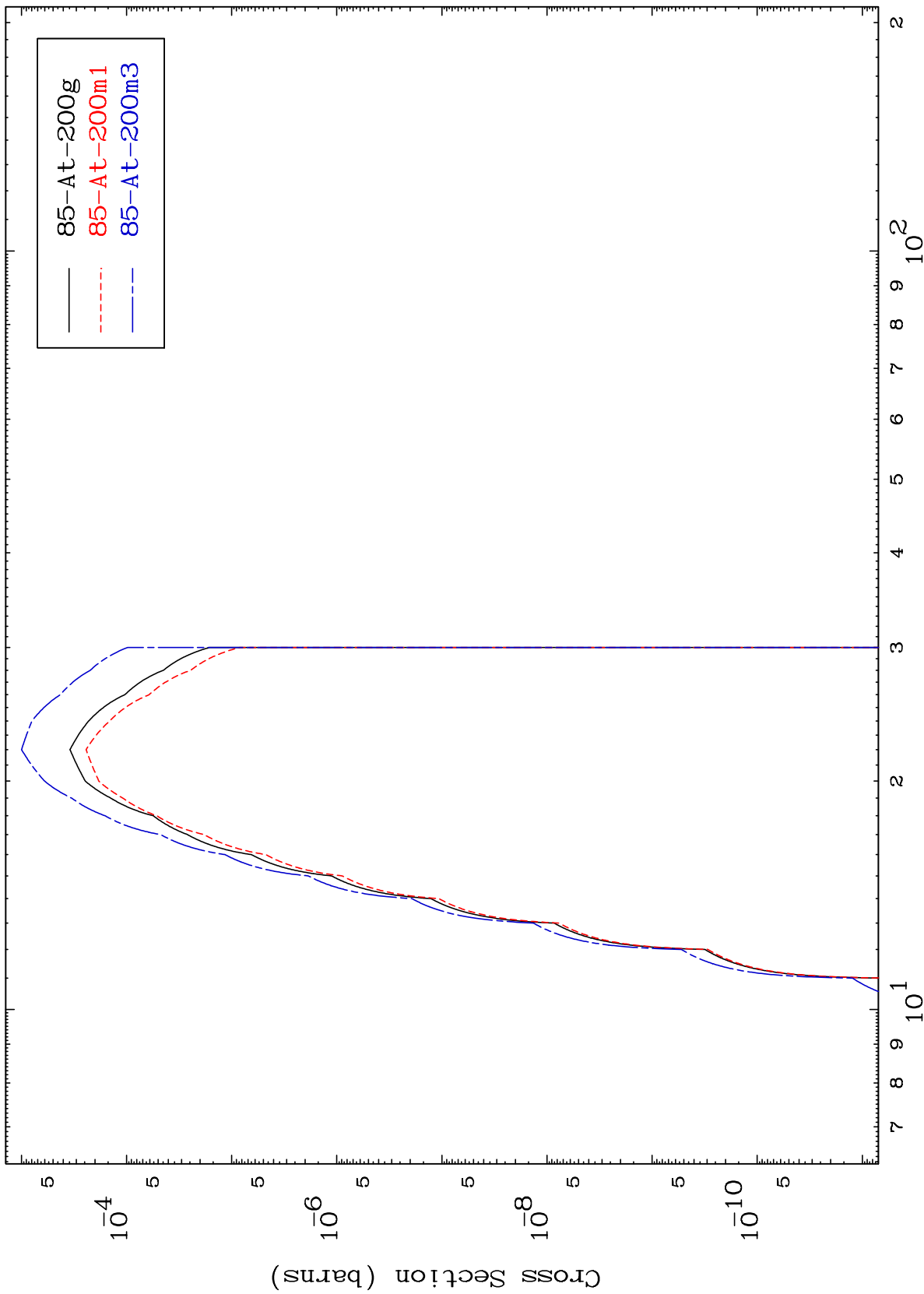
Incident Energy (MeV)

83-Bi-196

MAT 8287

83-Bi-196

(α, γ)
Radionuclide Production Cross Section



17

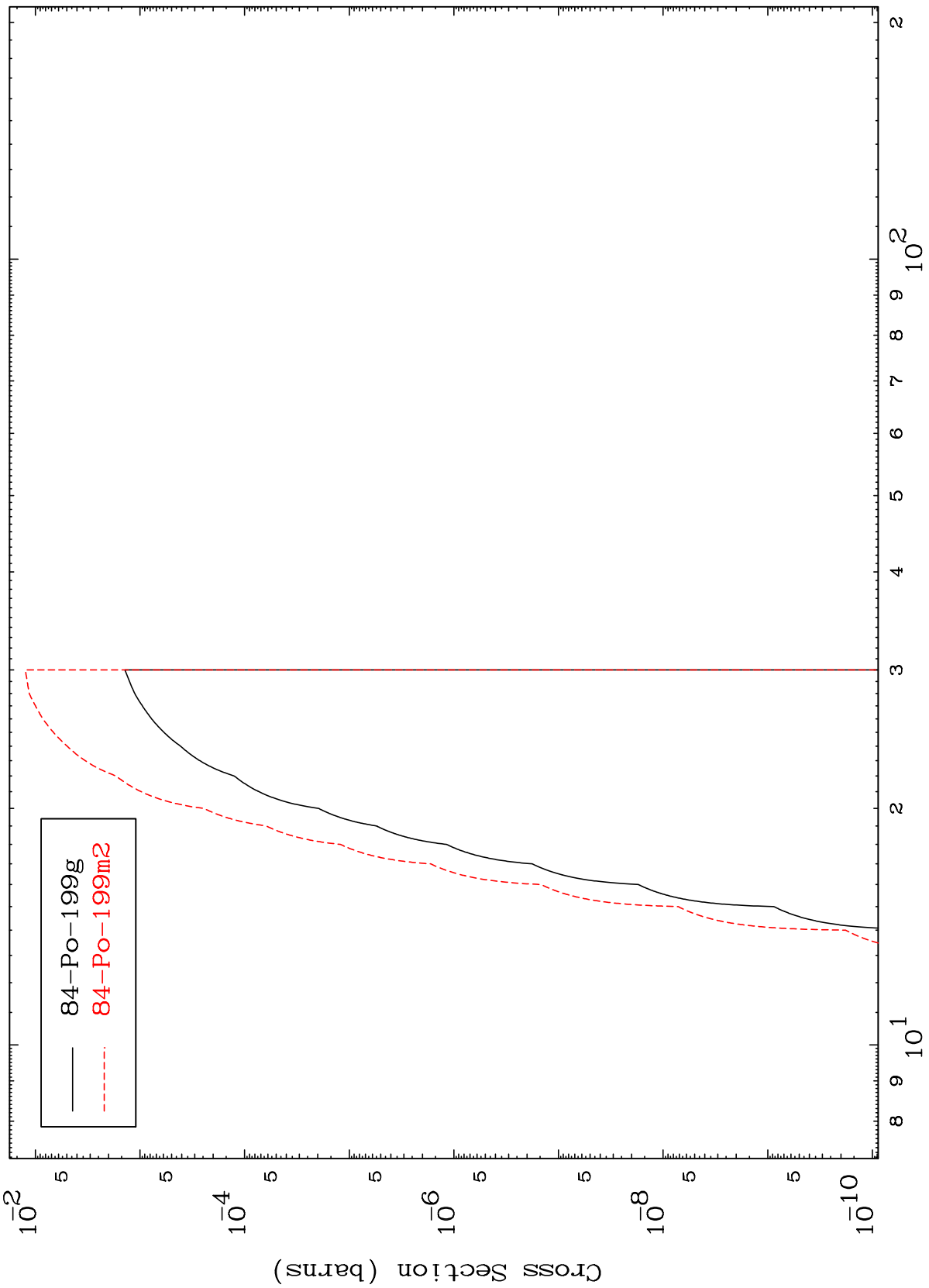
Incident Energy (MeV)

83-Bi-196

MAT 8287

83-Bi-196

(α, p)
Radionuclide Production Cross Section

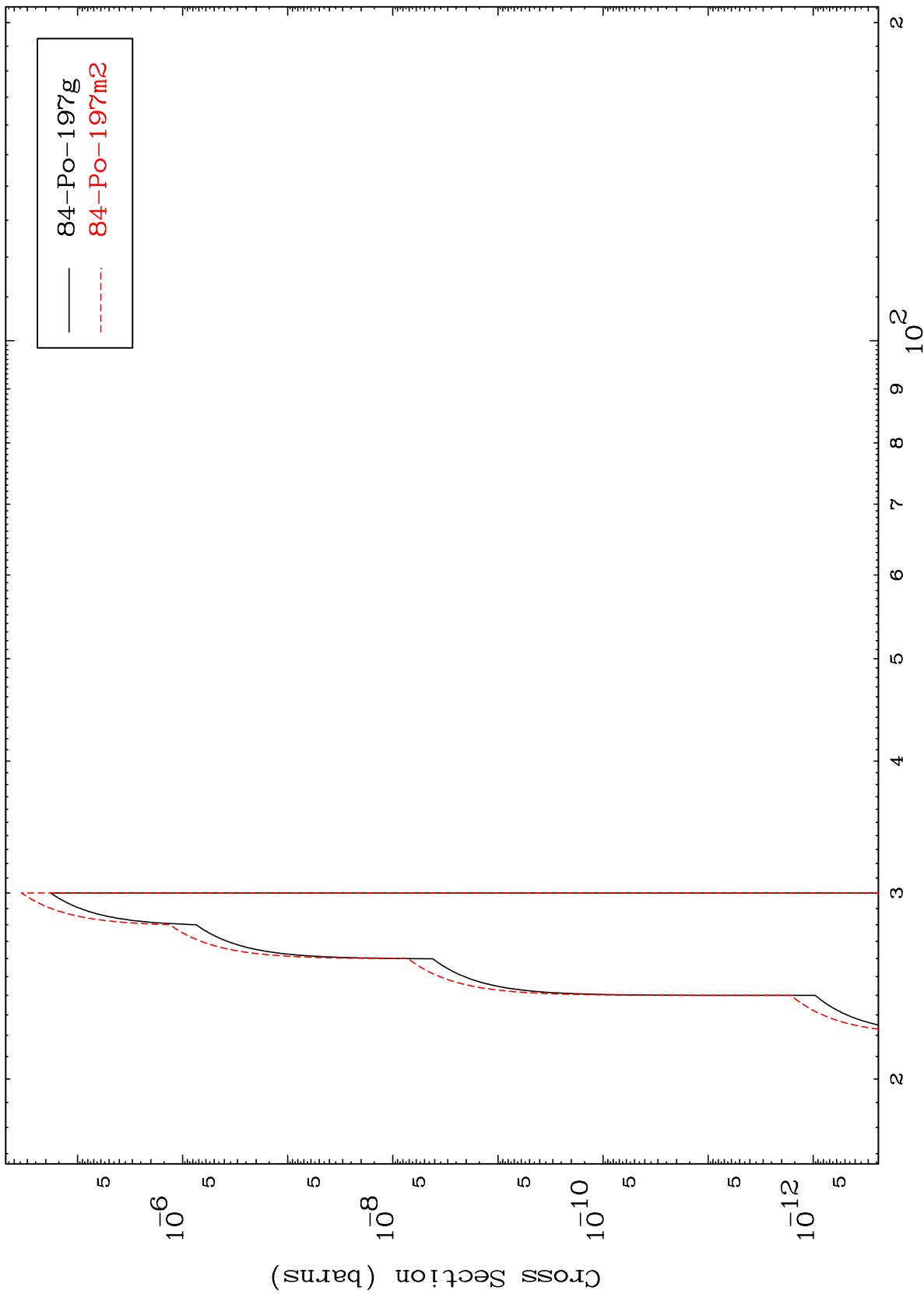


18

Incident Energy (MeV)

83-Bi-196

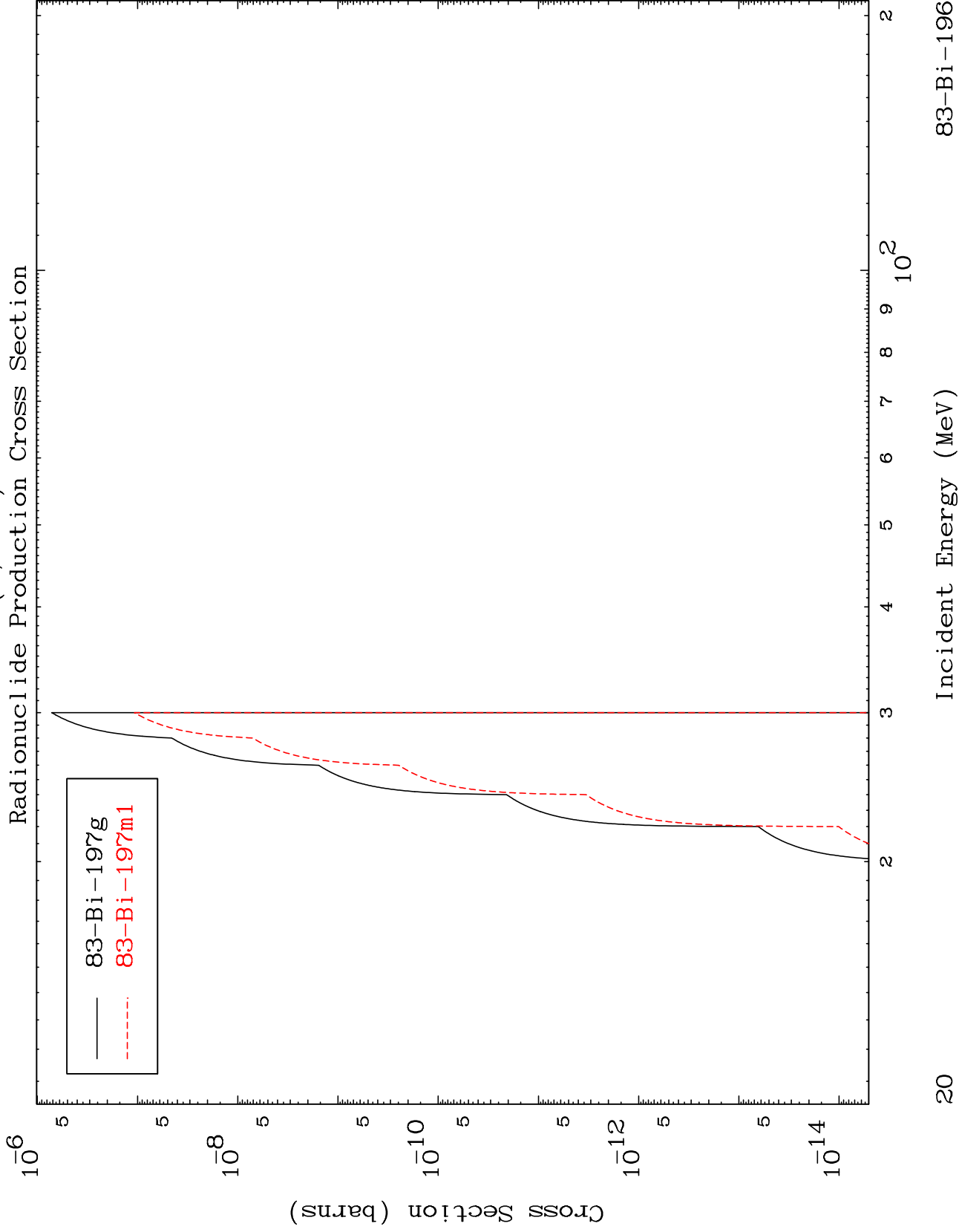
(α, t)
Radionuclide Production Cross Section



MAT 8287

(α ,He-3)

83-Bi-196



20

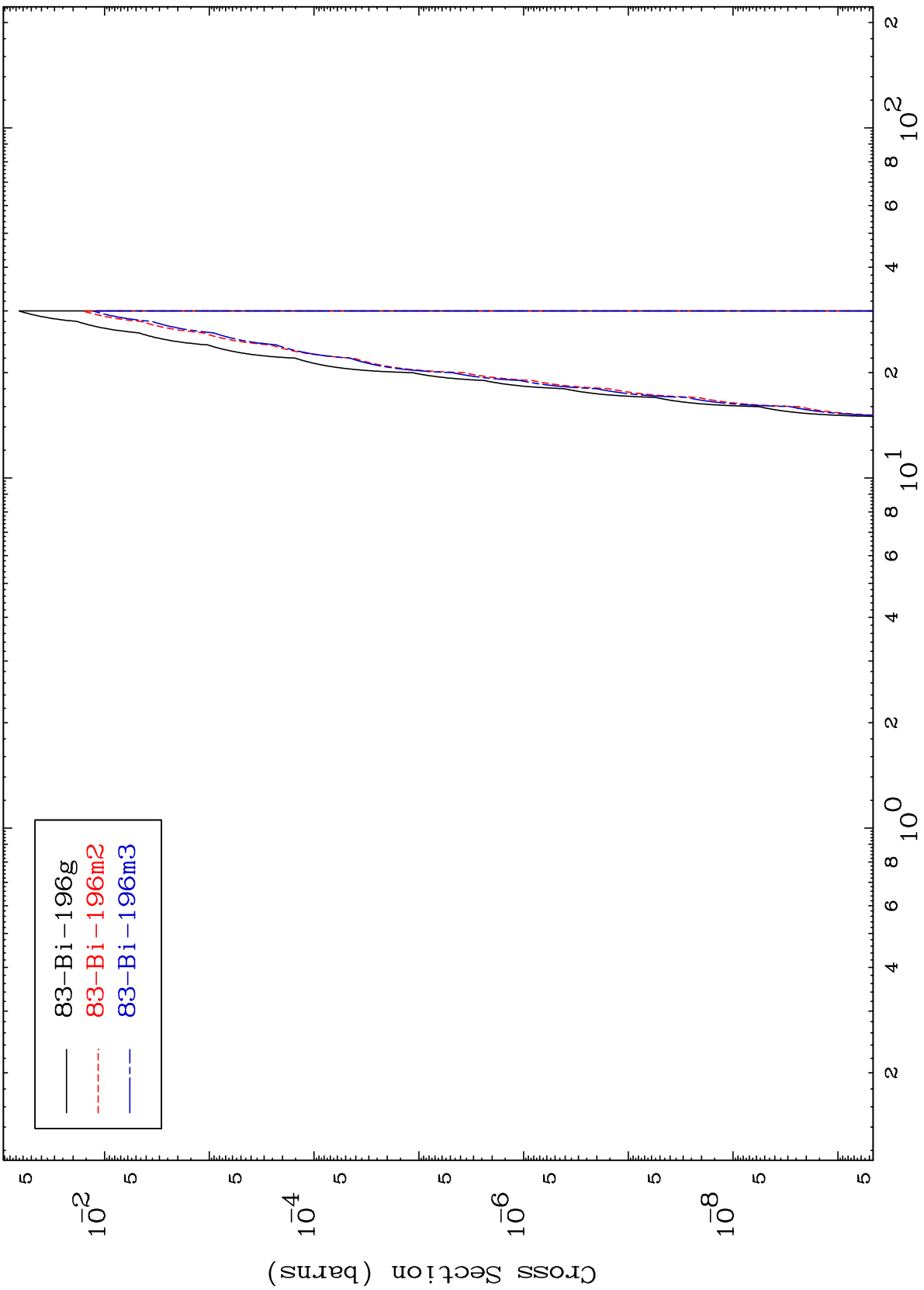
83-Bi-196

MAT 8287

83-Bi-196

(α, α)

Radionuclide Production Cross Section

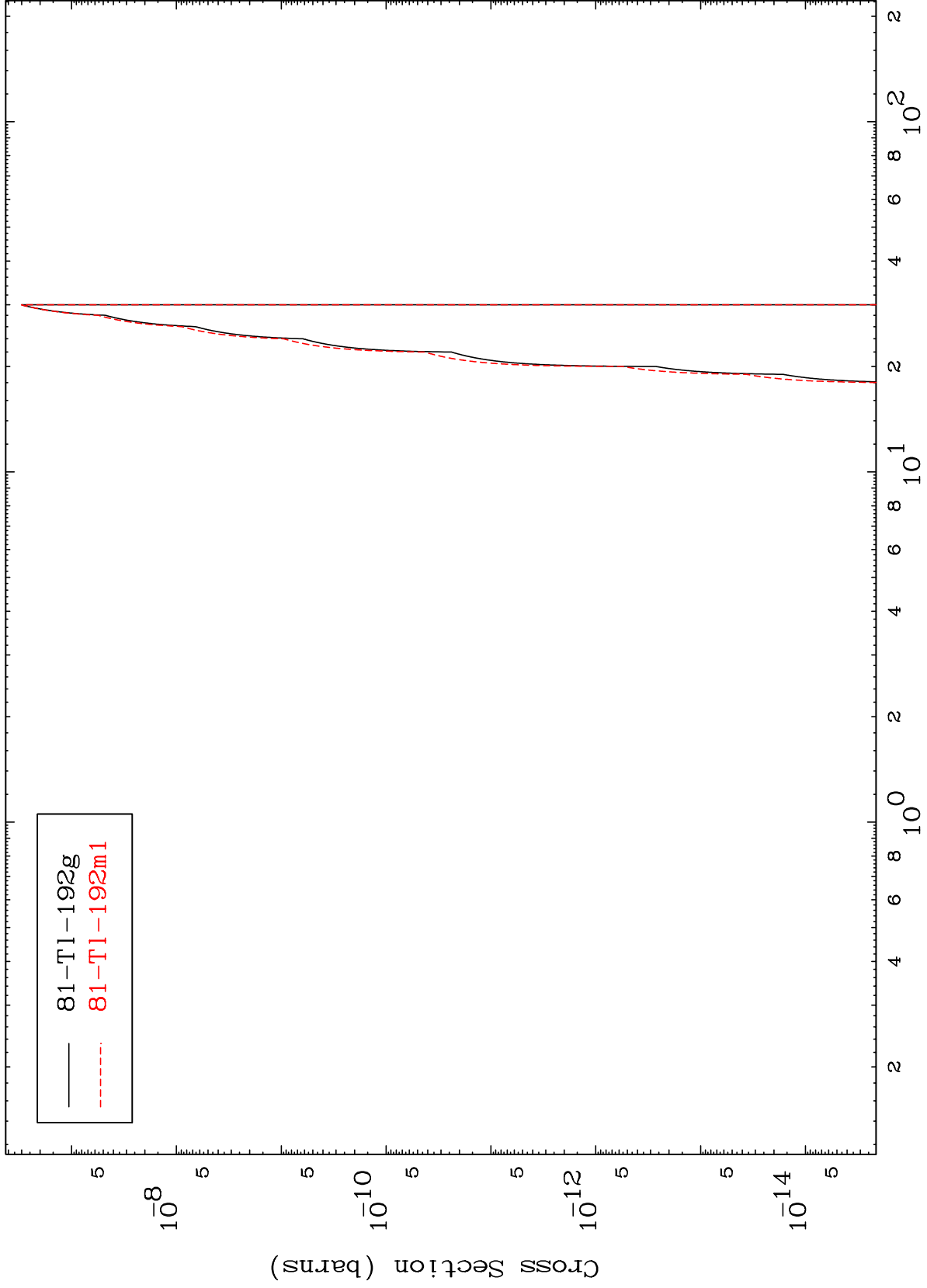


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($\alpha, 2\alpha$)

83-Bi-196

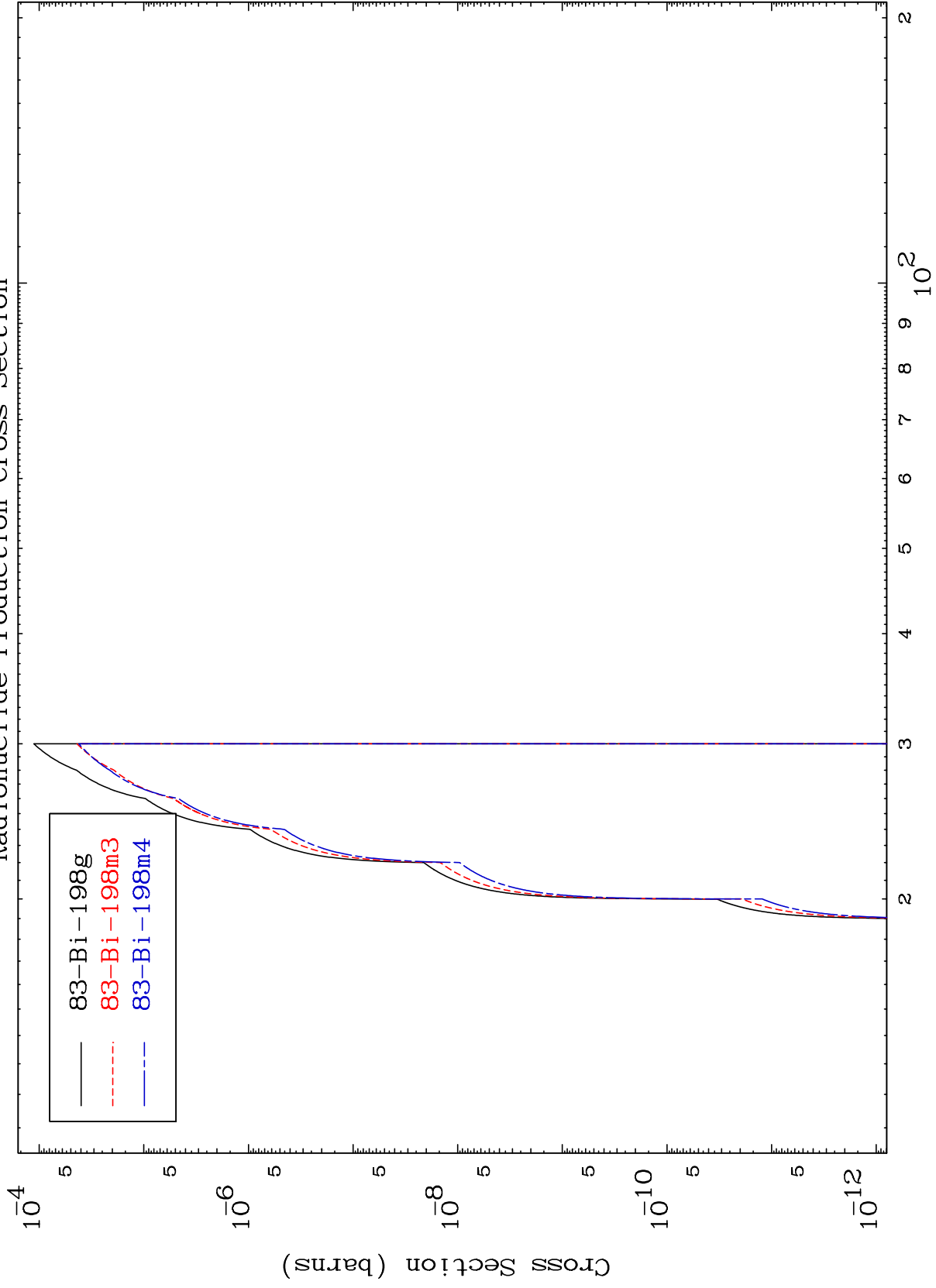
Radionuclide Production Cross Section



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83-Bi-196

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

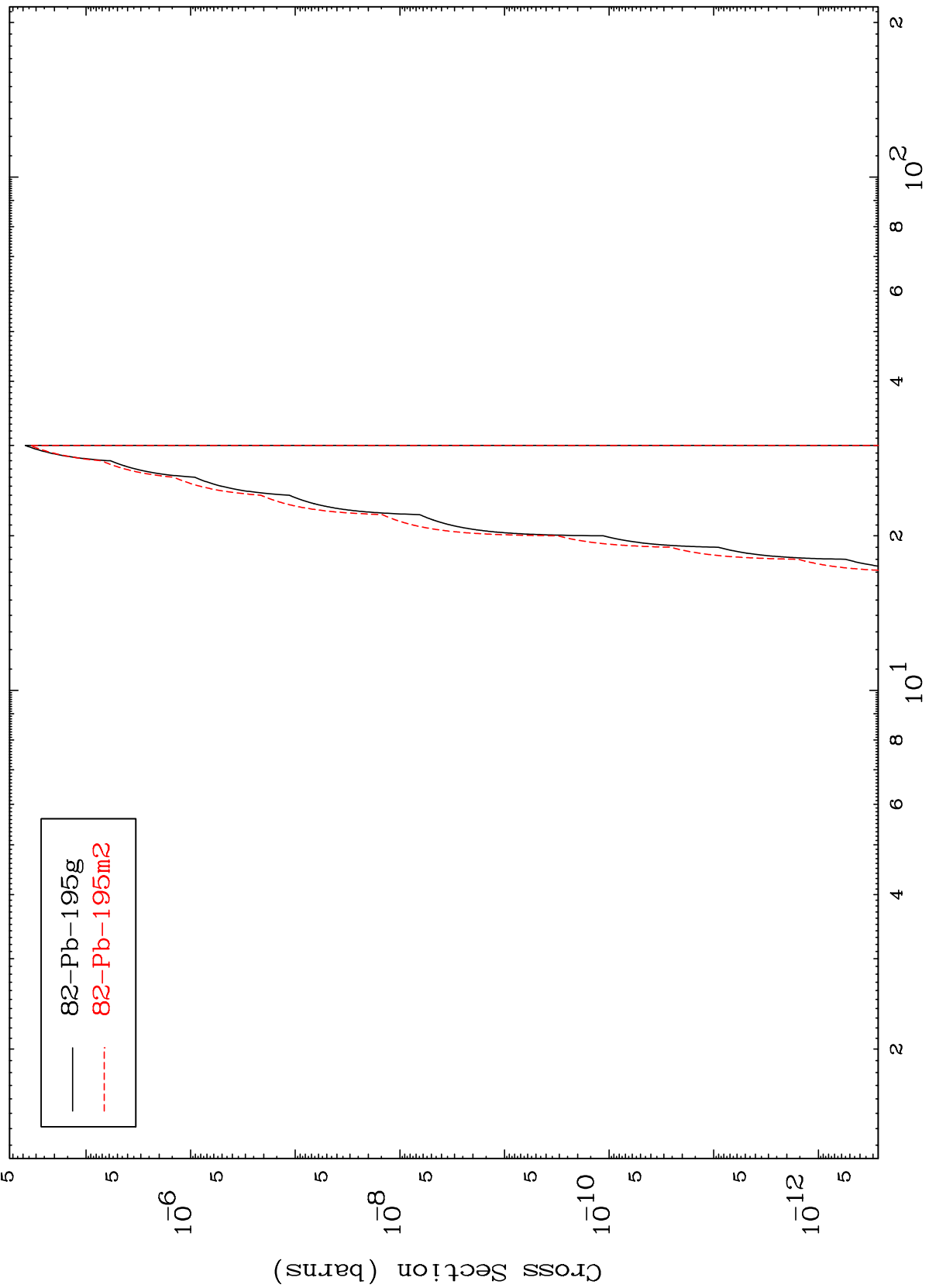


MAT 8287

(α, p) α

83-Bi-196

Radionuclide Production Cross Section



82-Pb-195g
82-Pb-195m2