

Program EVALPLOT
(Version 2018-1)

by

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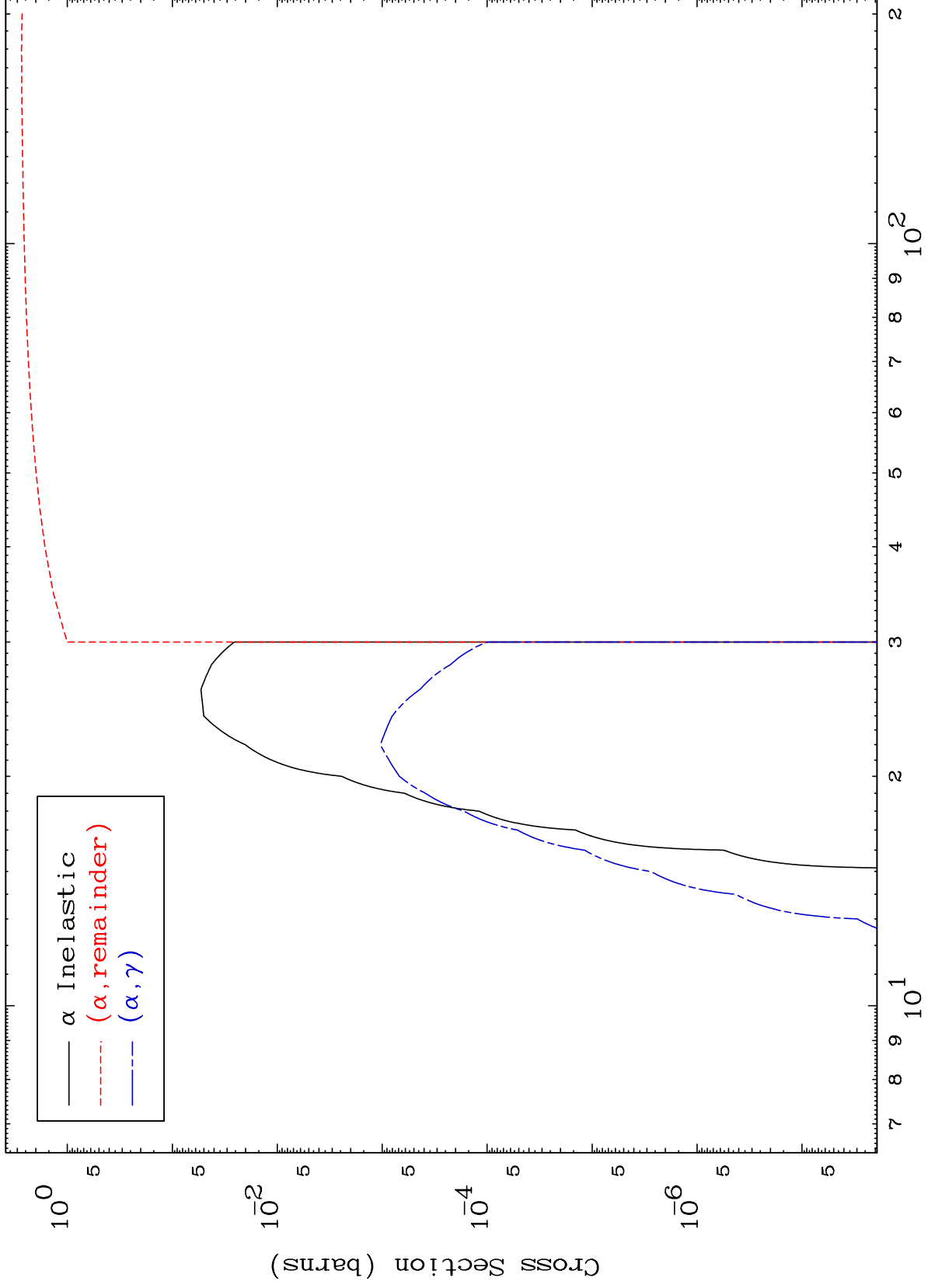
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8286

0 Kelvin α Major Cross Sections

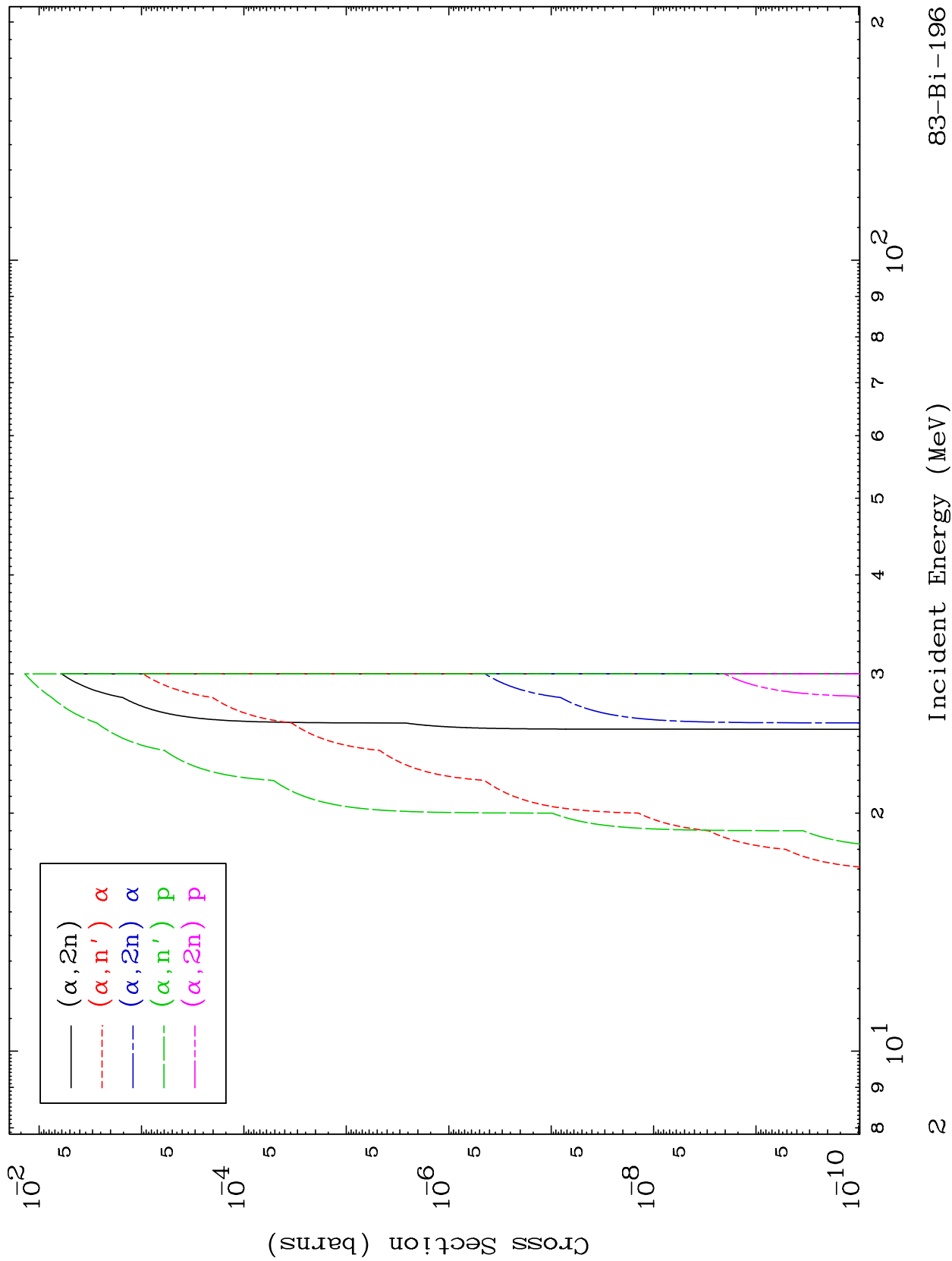
83-Bi-196

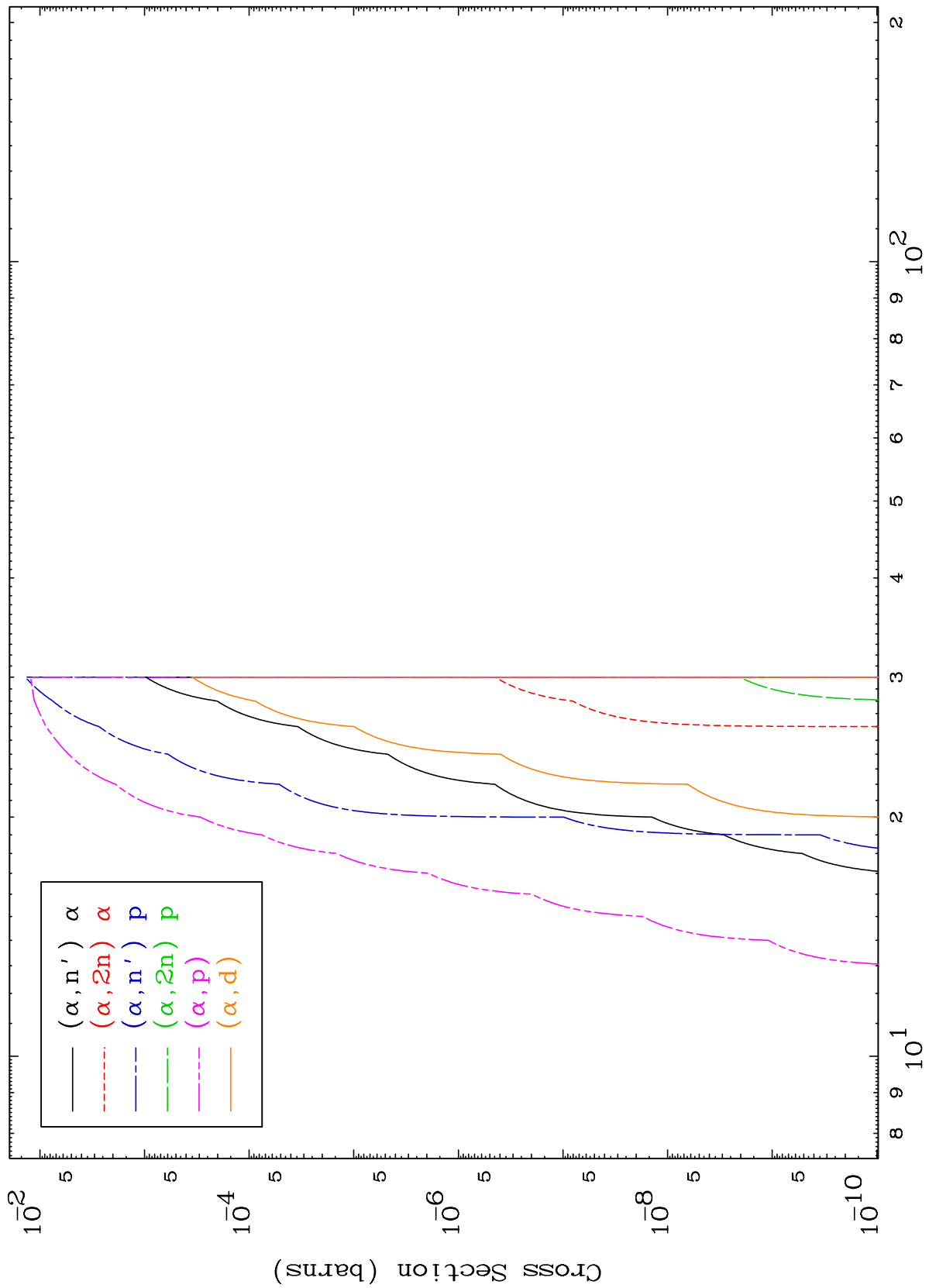


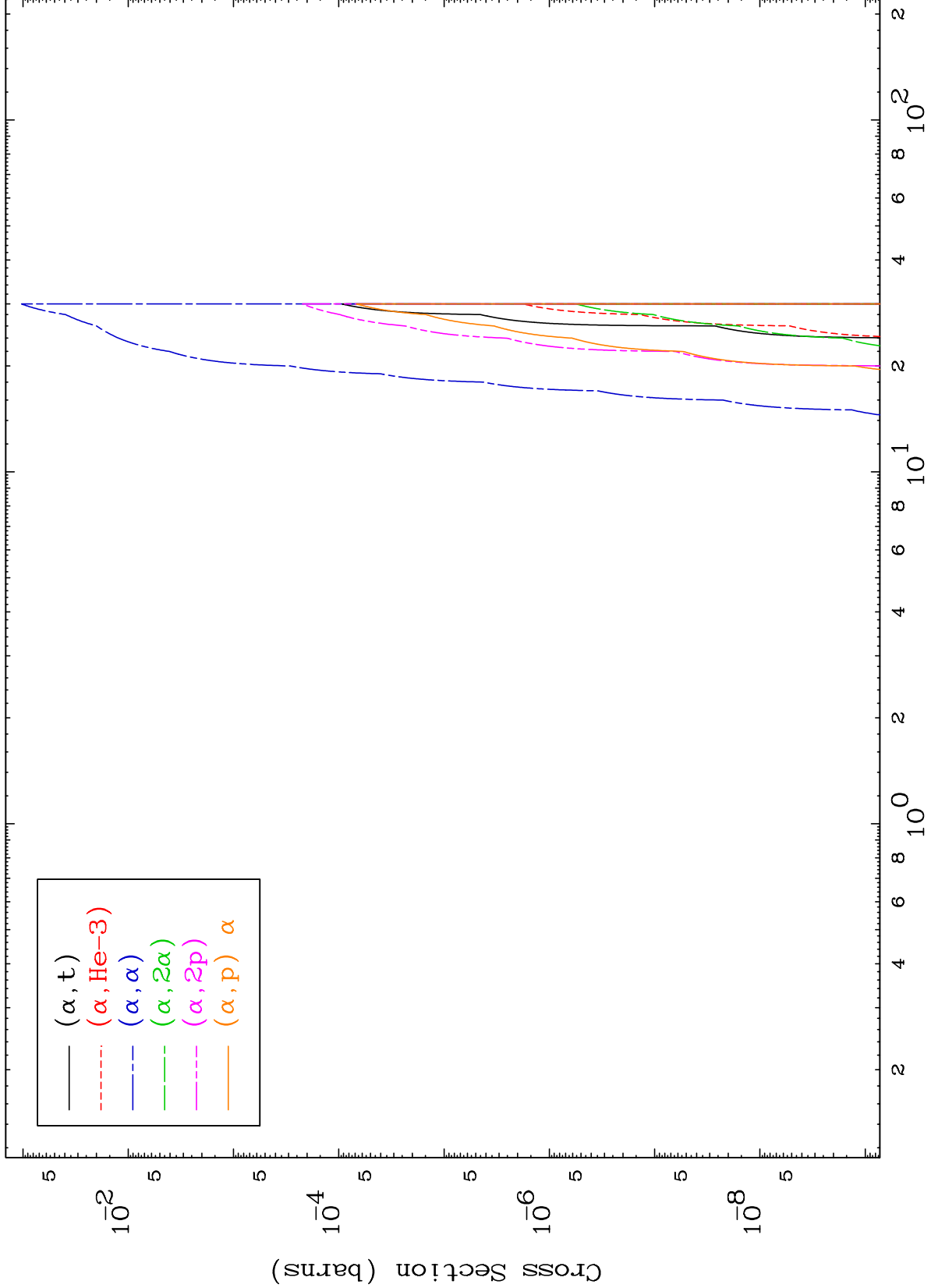
1

Incident Energy (MeV)

83-Bi-196





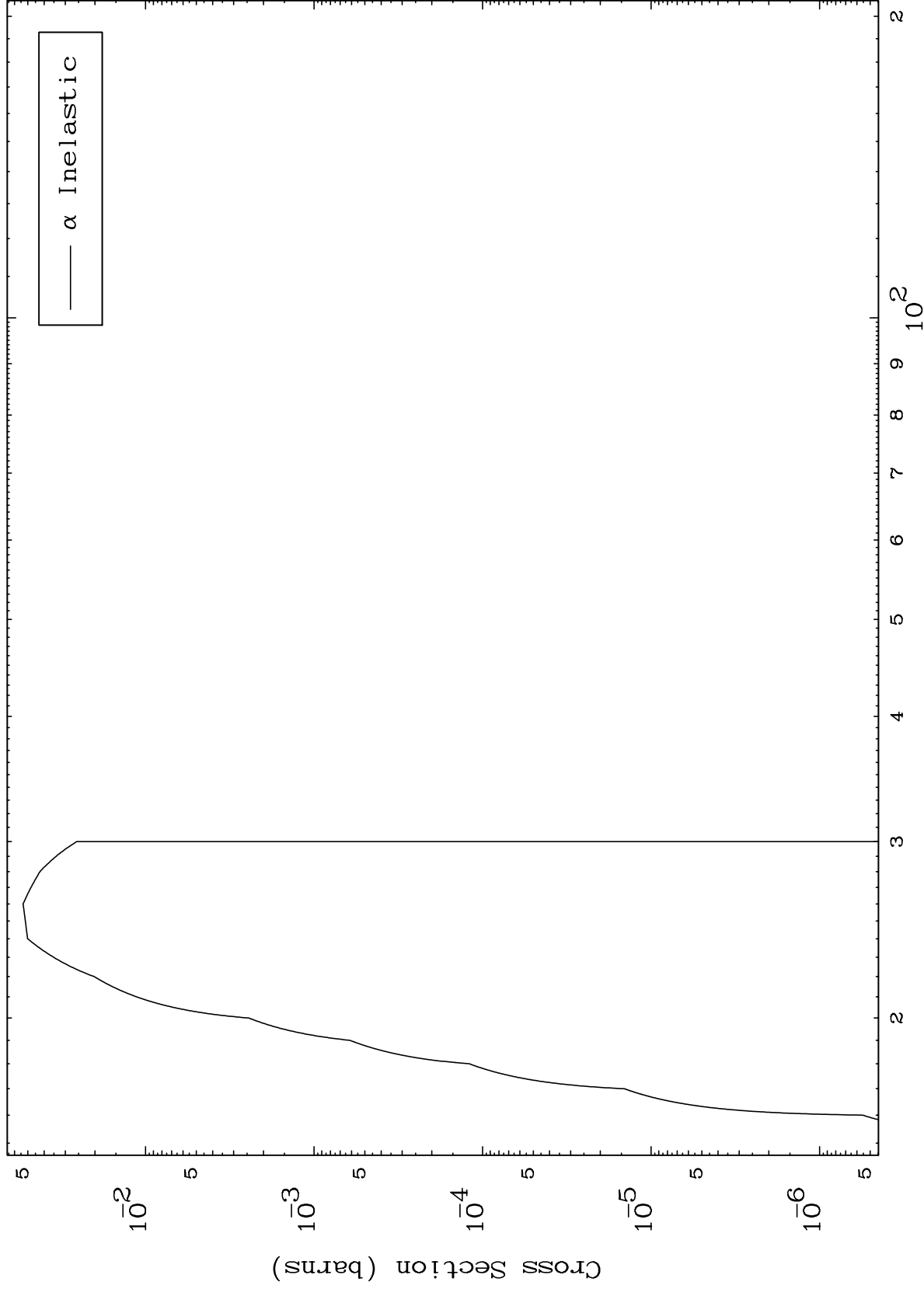


MAT 8286

(α, n') Level

83-Bi-196

0 Kelvin Cross Sections



5

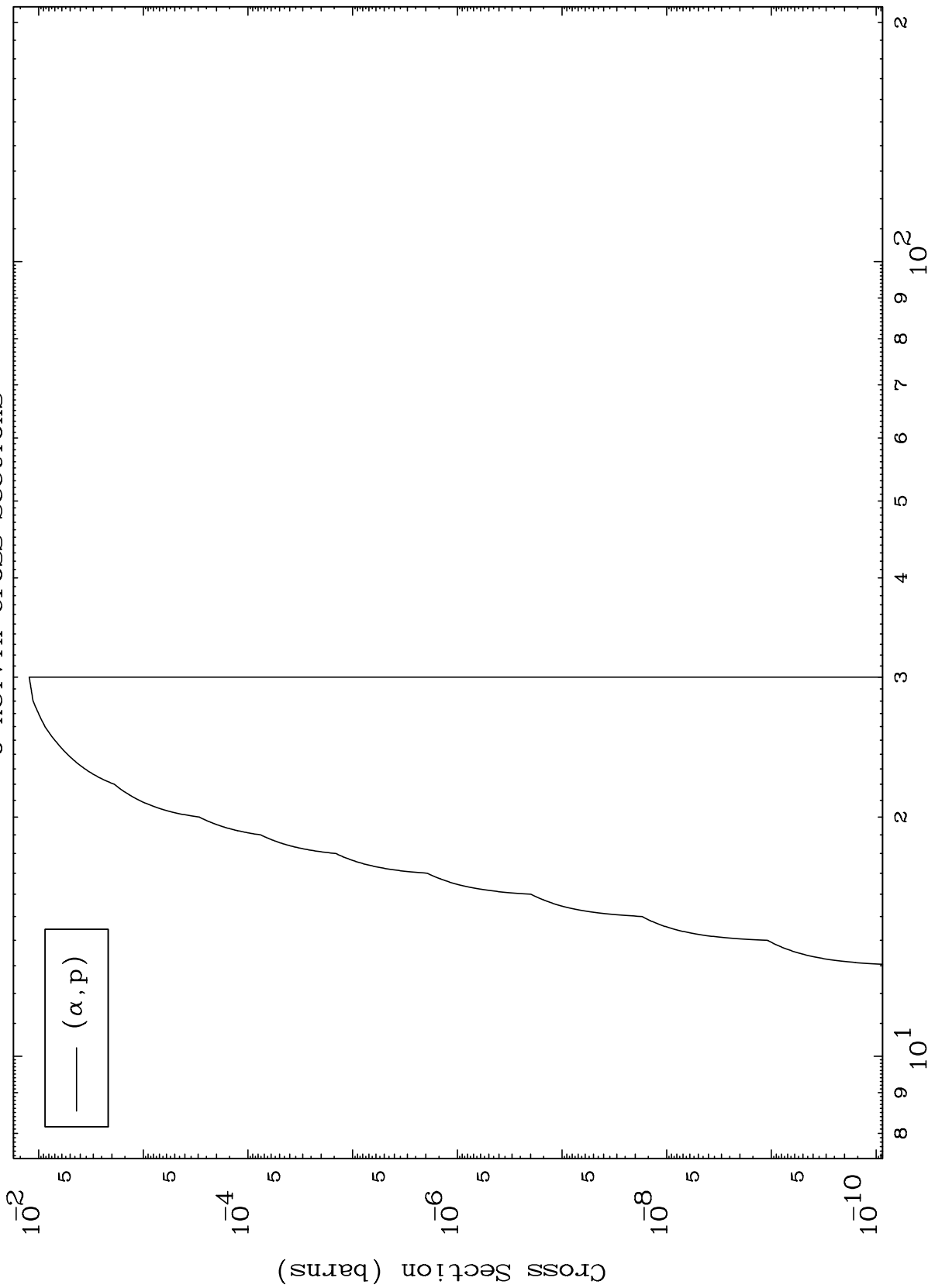
Incident Energy (MeV)

83-Bi-196

MAT 8286

83-Bi-196

(α, p) Levels
0 Kelvin Cross Sections



83-Bi-196

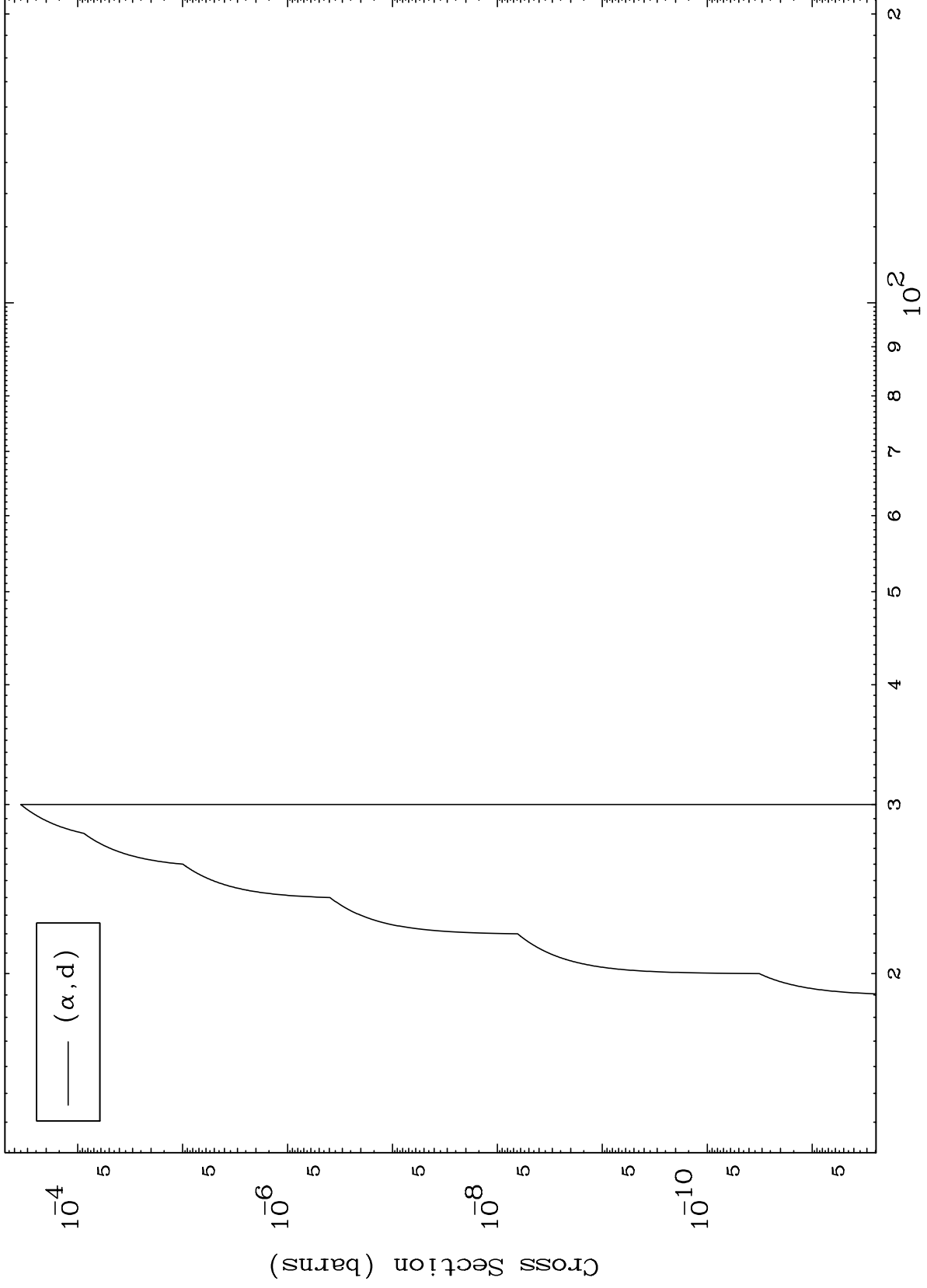
Incident Energy (MeV)

6

MAT 8286

(α, d) Levels
0 Kelvin Cross Sections

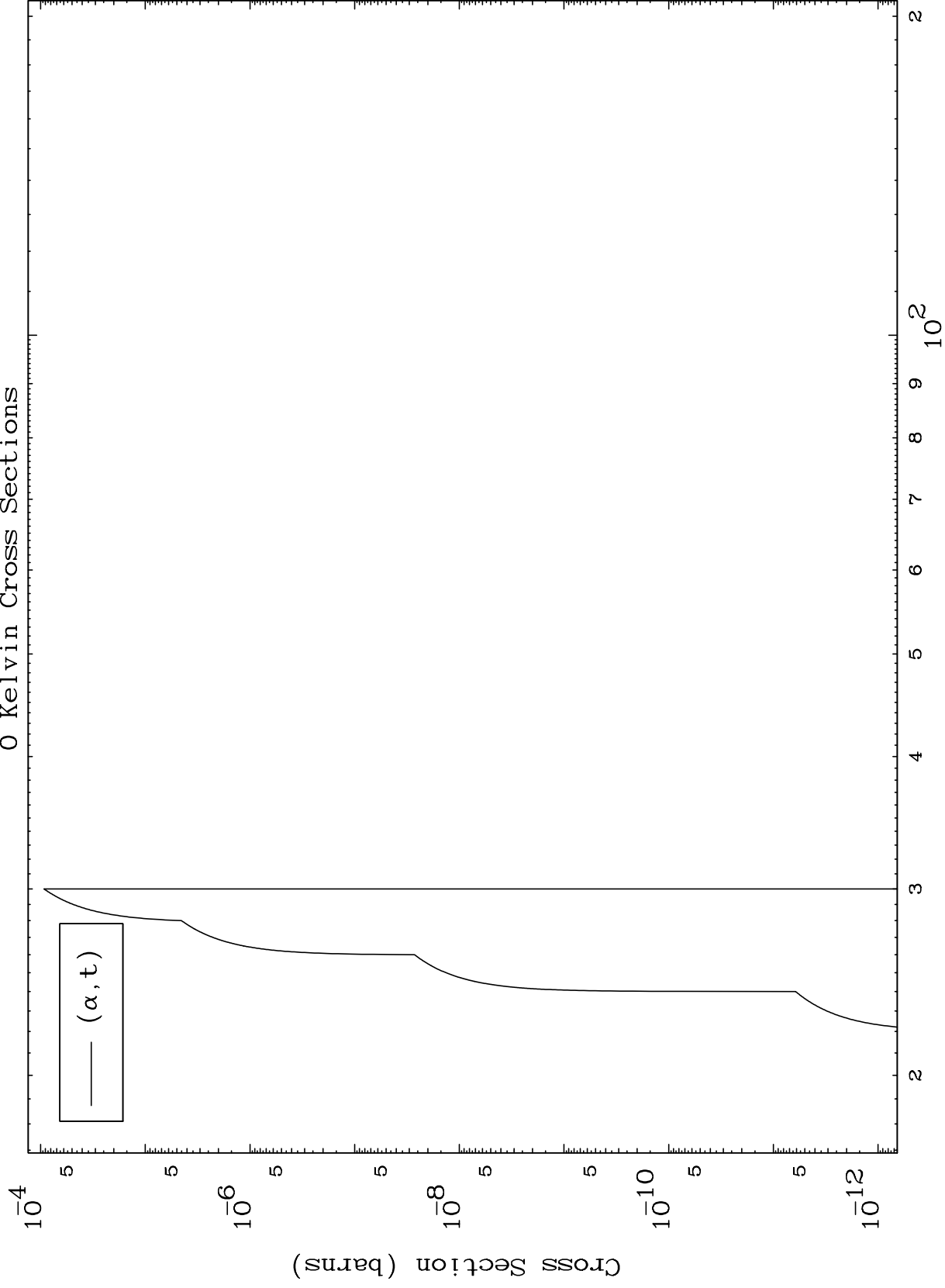
83-Bi-196



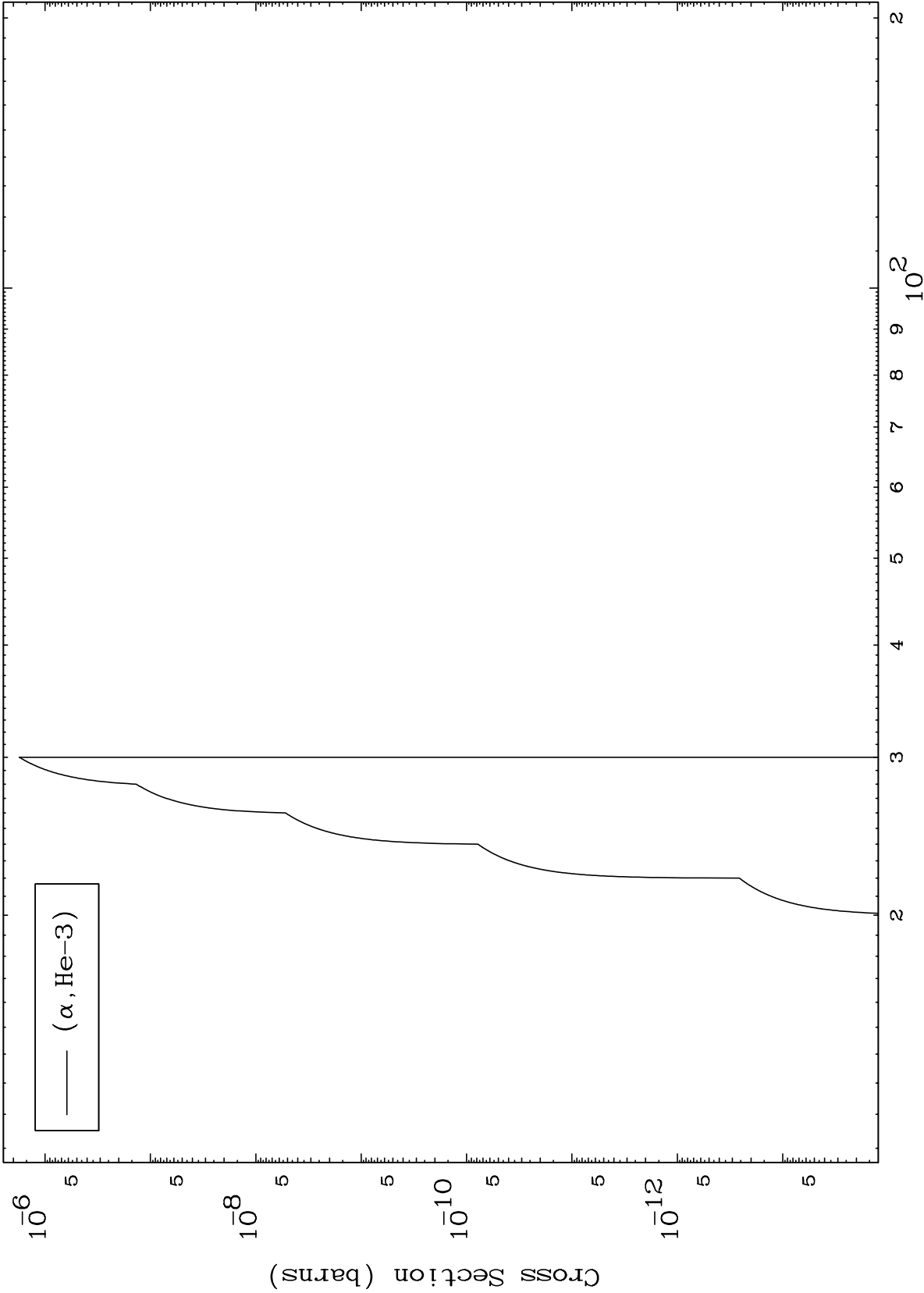
7

Incident Energy (MeV)

83-Bi-196



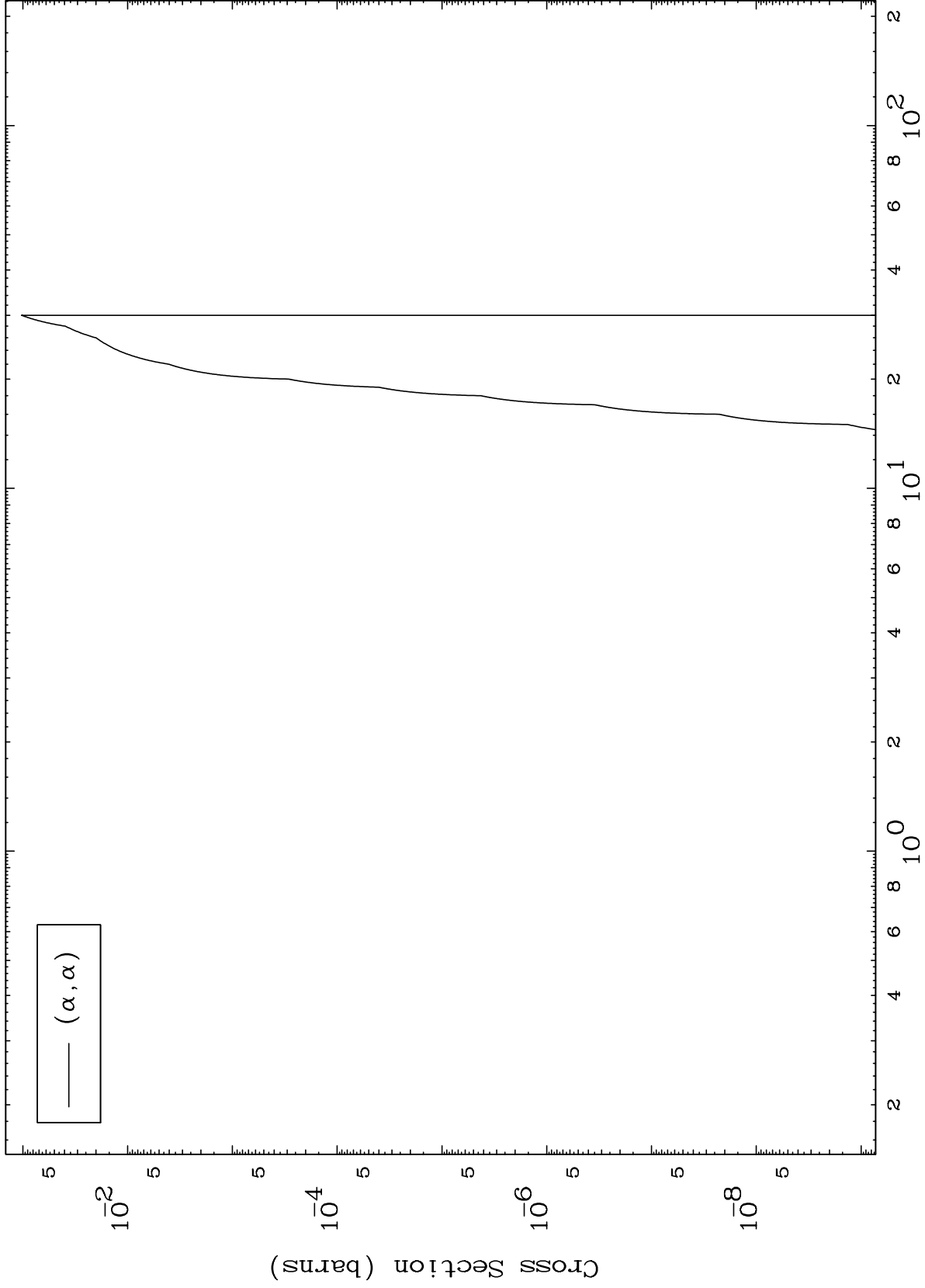
(α , He3) Levels
0 Kelvin Cross Sections



MAT 8286

(α, α) Levels
0 Kelvin Cross Sections

83-Bi-196



10

Incident Energy (MeV)

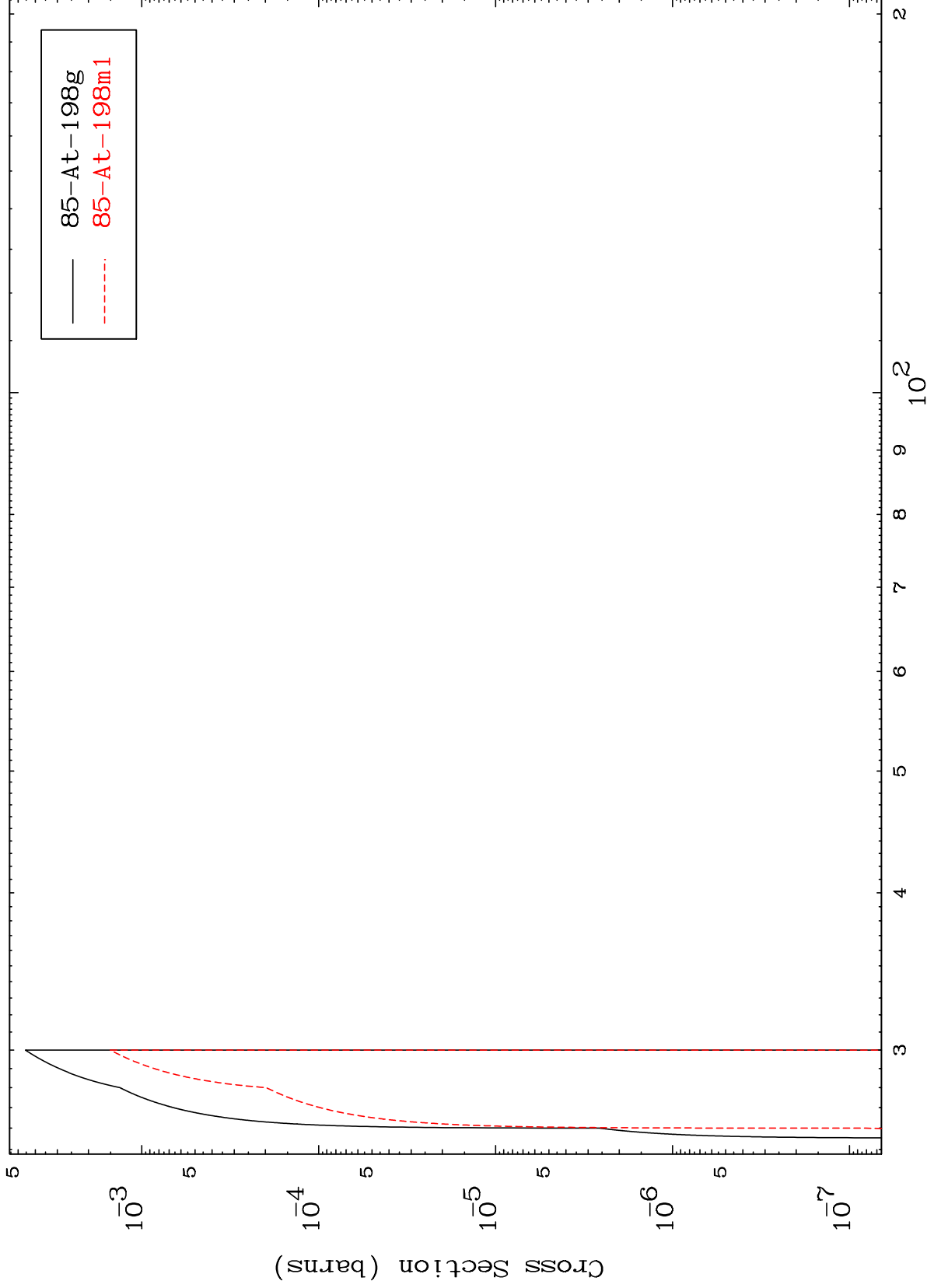
83-Bi-196

MAT 8286

($\alpha, 2n$)

83-Bi-196

Radionuclide Production Cross Section



11

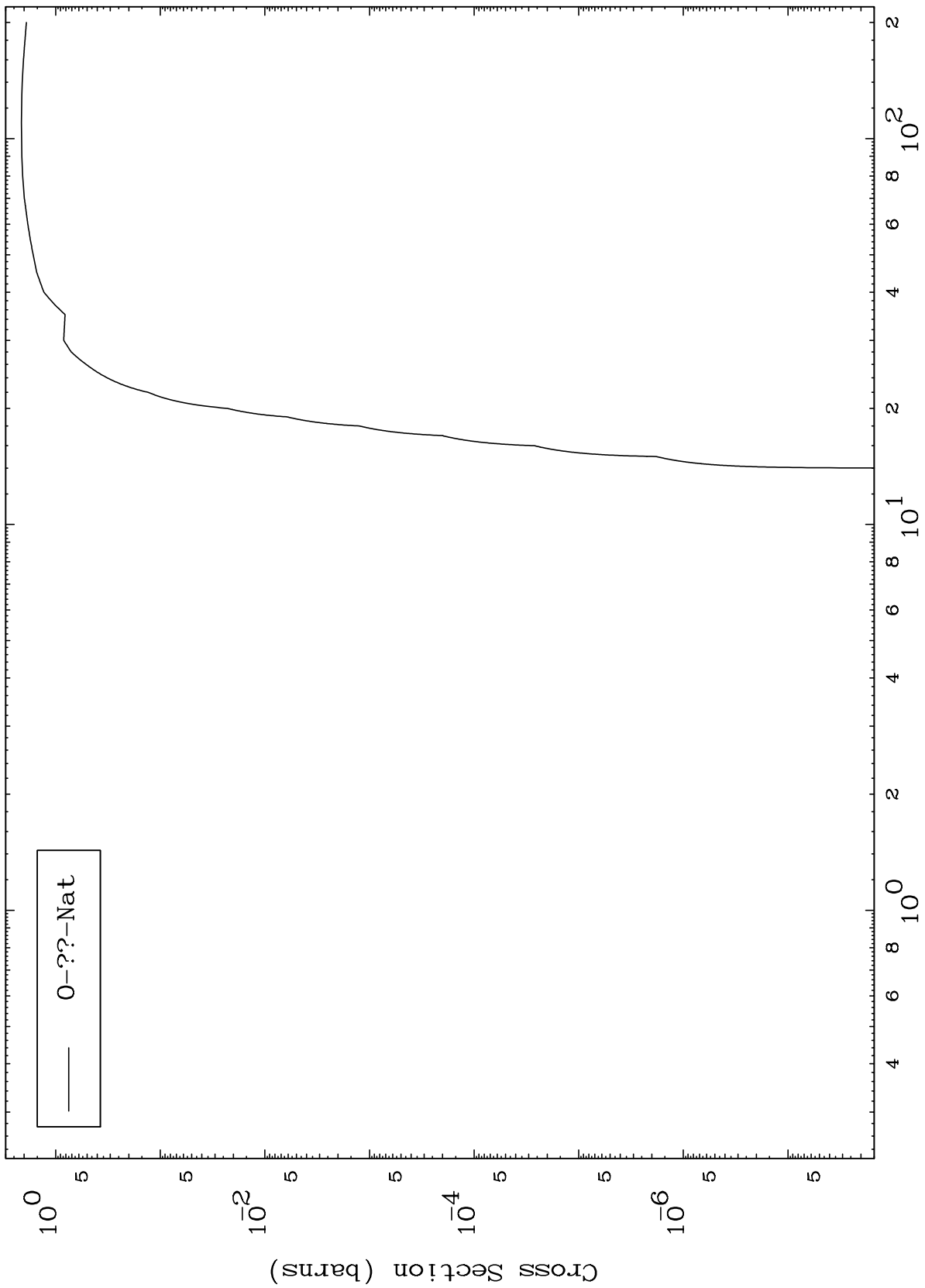
Incident Energy (MeV)

83-Bi-196

MAT 8286

83-Bi-196

α Fission
Radionuclide Production Cross Section



12

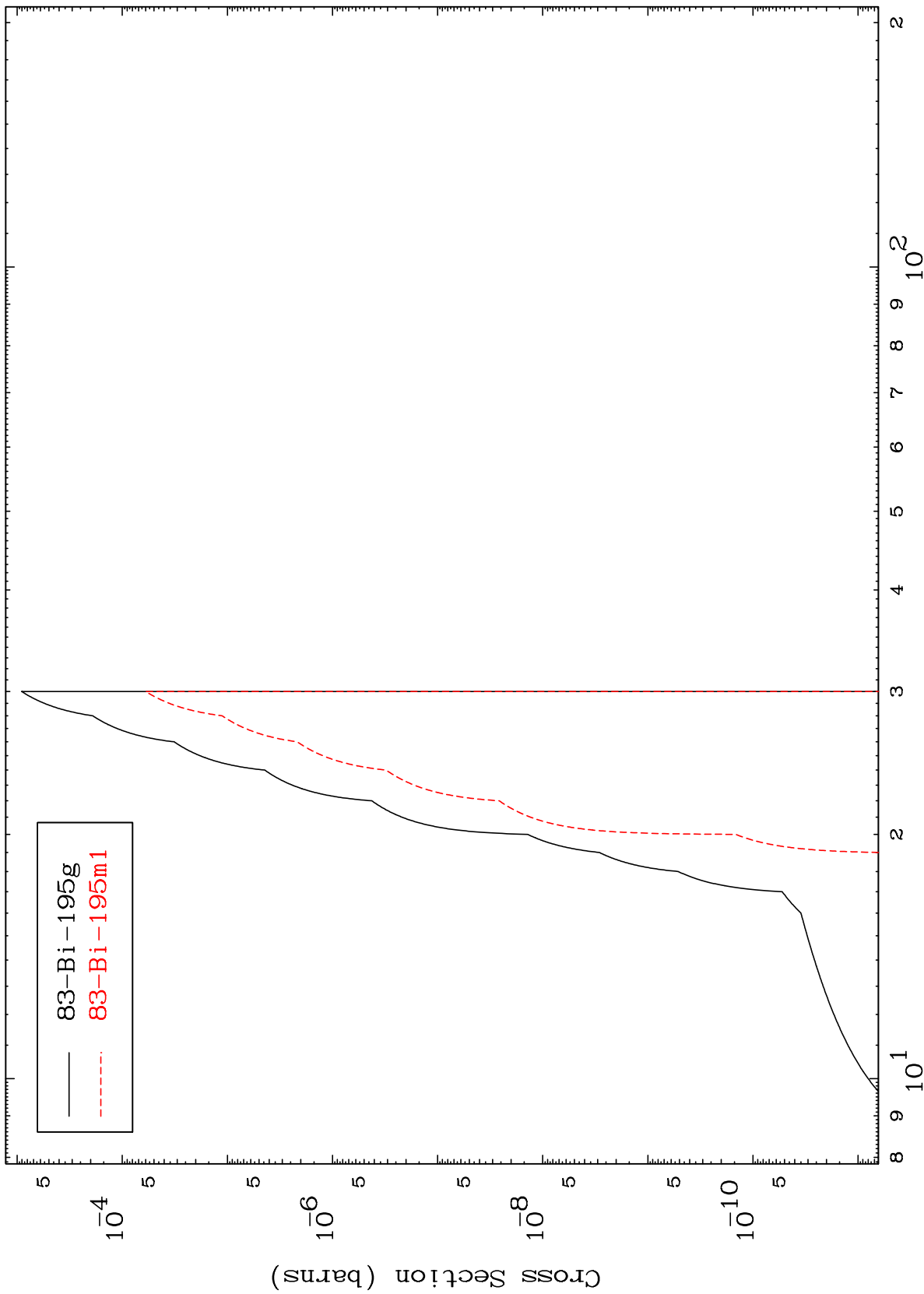
83-Bi-196

MAT 8286

(α, n') α

83-Bi-196

Radionuclide Production Cross Section



83-Bi-195g
83-Bi-195m1

13

Incident Energy (MeV)

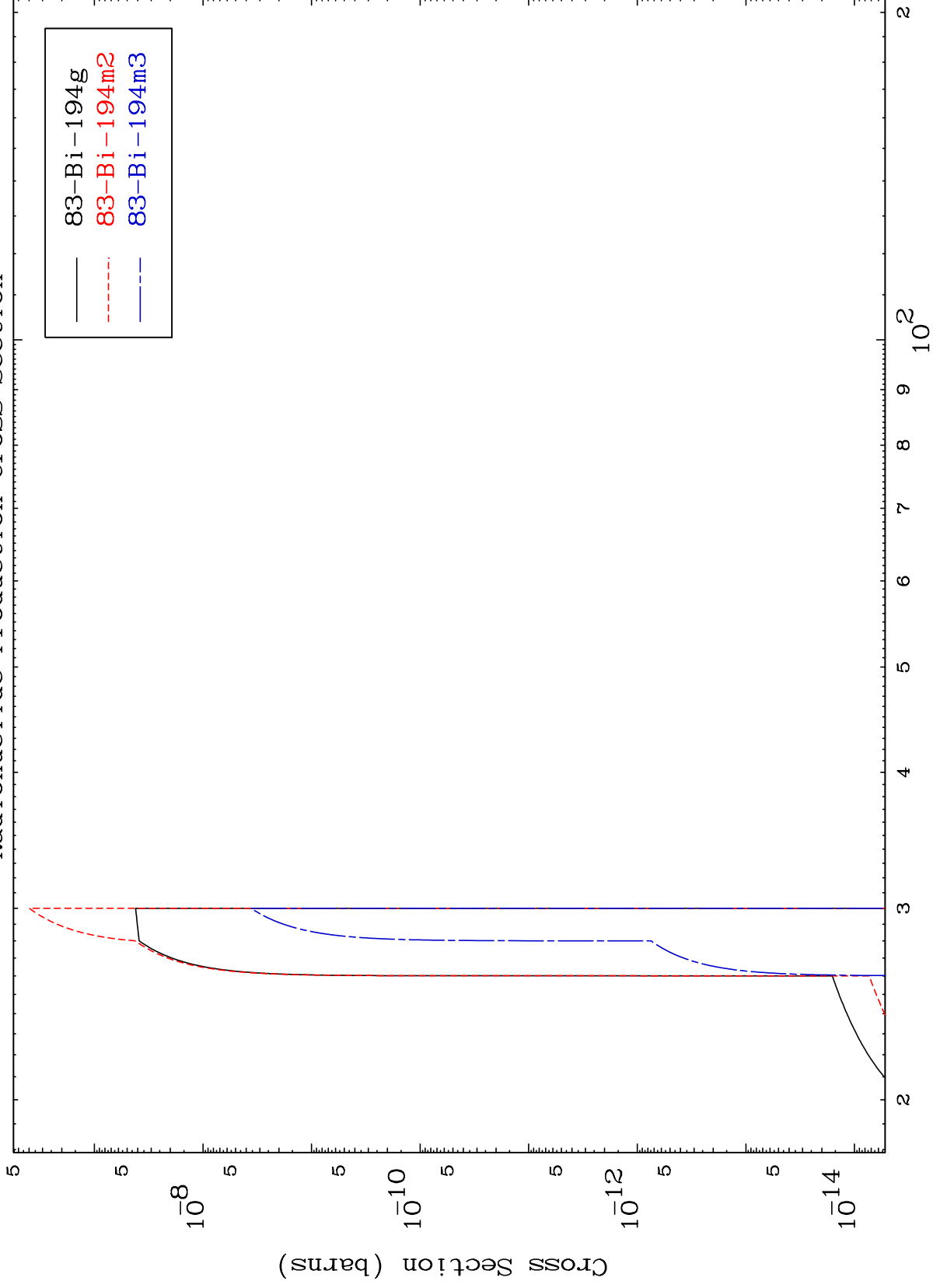
83-Bi-196

MAT 8286

$(\alpha, 2n)$ α

$^{83}\text{Bi}-196$

Radionuclide Production Cross Section



14

Incident Energy (MeV)

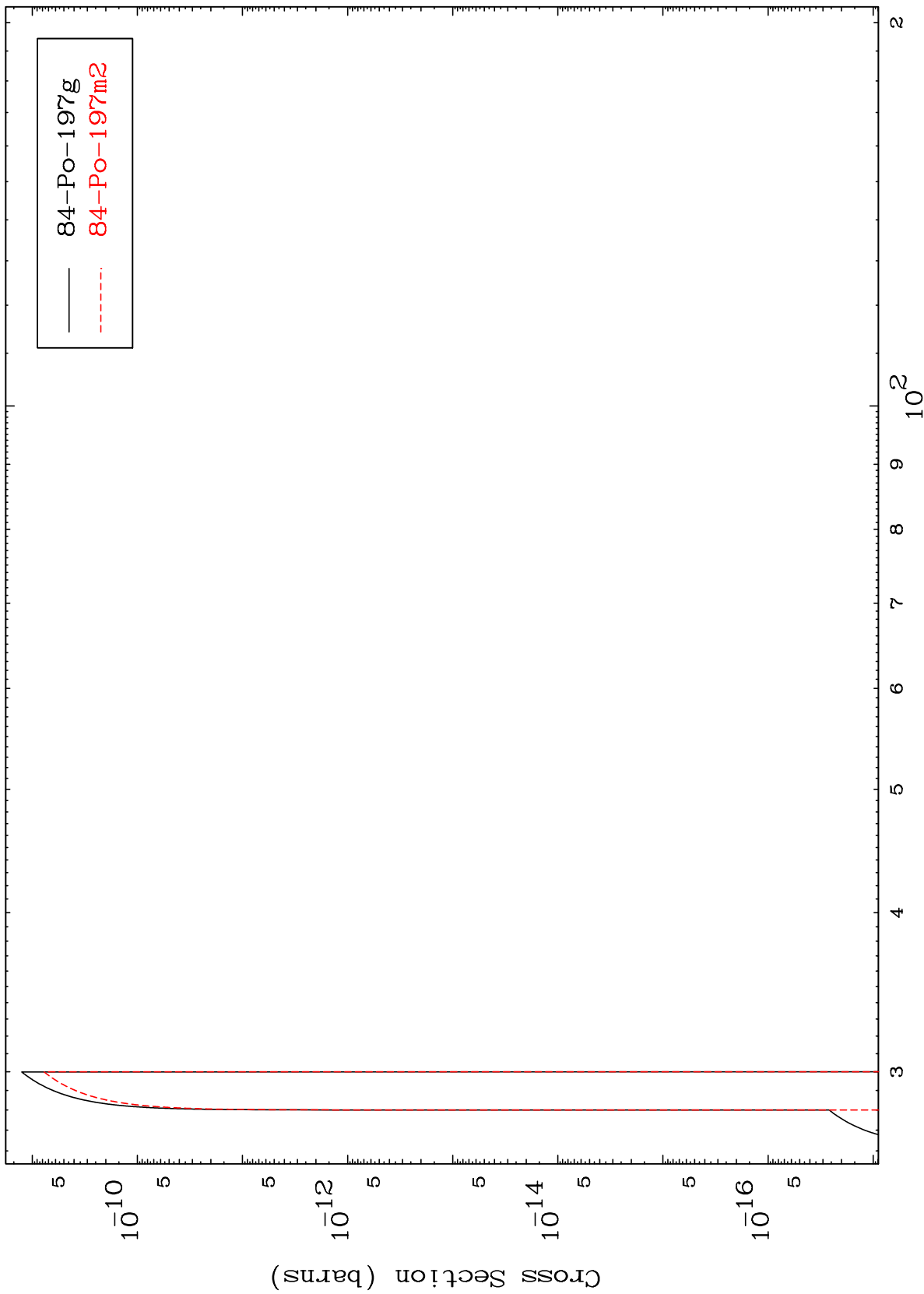
$^{83}\text{Bi}-196$

MAT 8286

$(\alpha, 2n)$ p

83-Bi-196

Radionuclide Production Cross Section



15

Incident Energy (MeV)

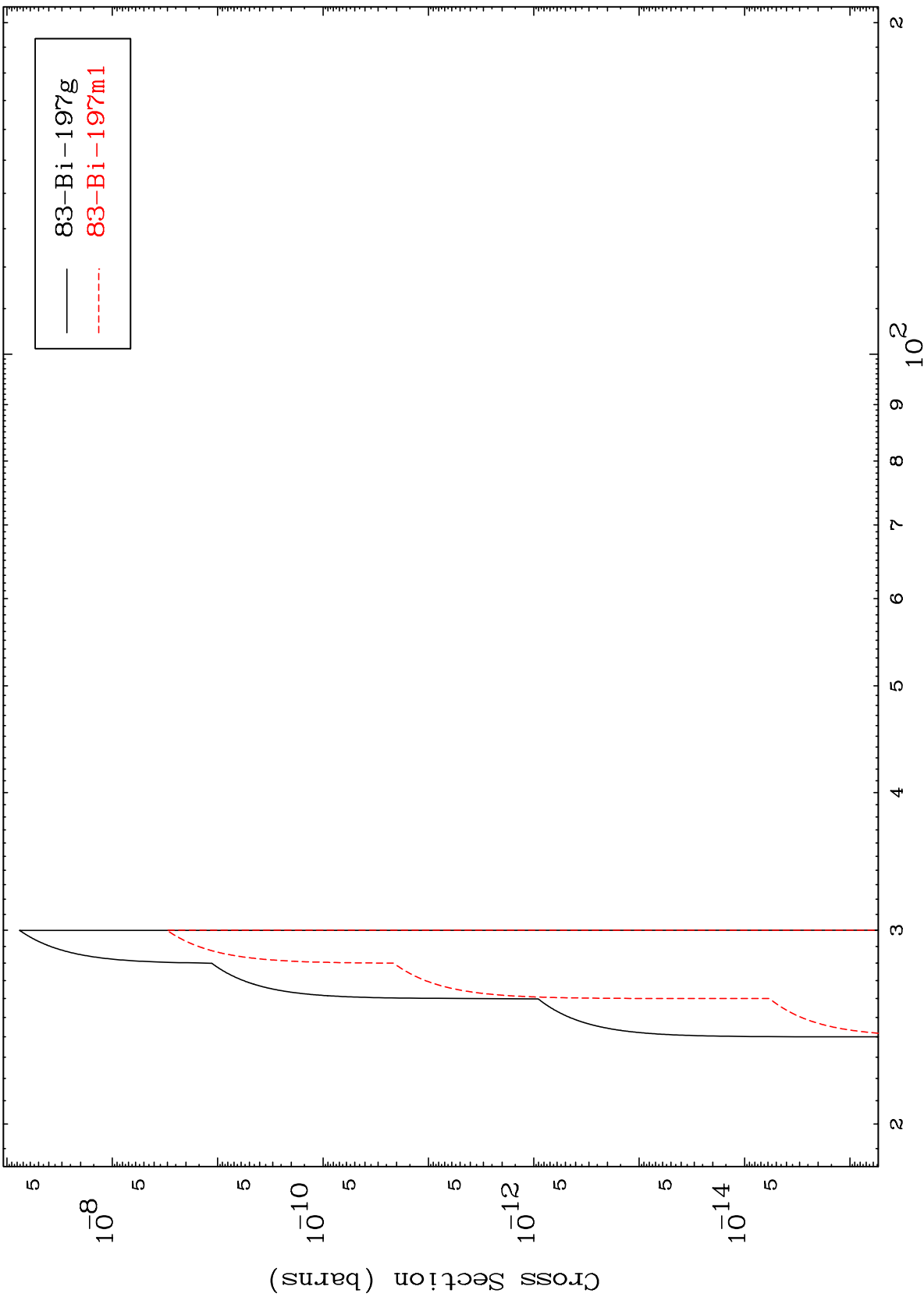
83-Bi-196

MAT 8286

$(\alpha, 2n)$ p

83-Bi-196

Radionuclide Production Cross Section



16

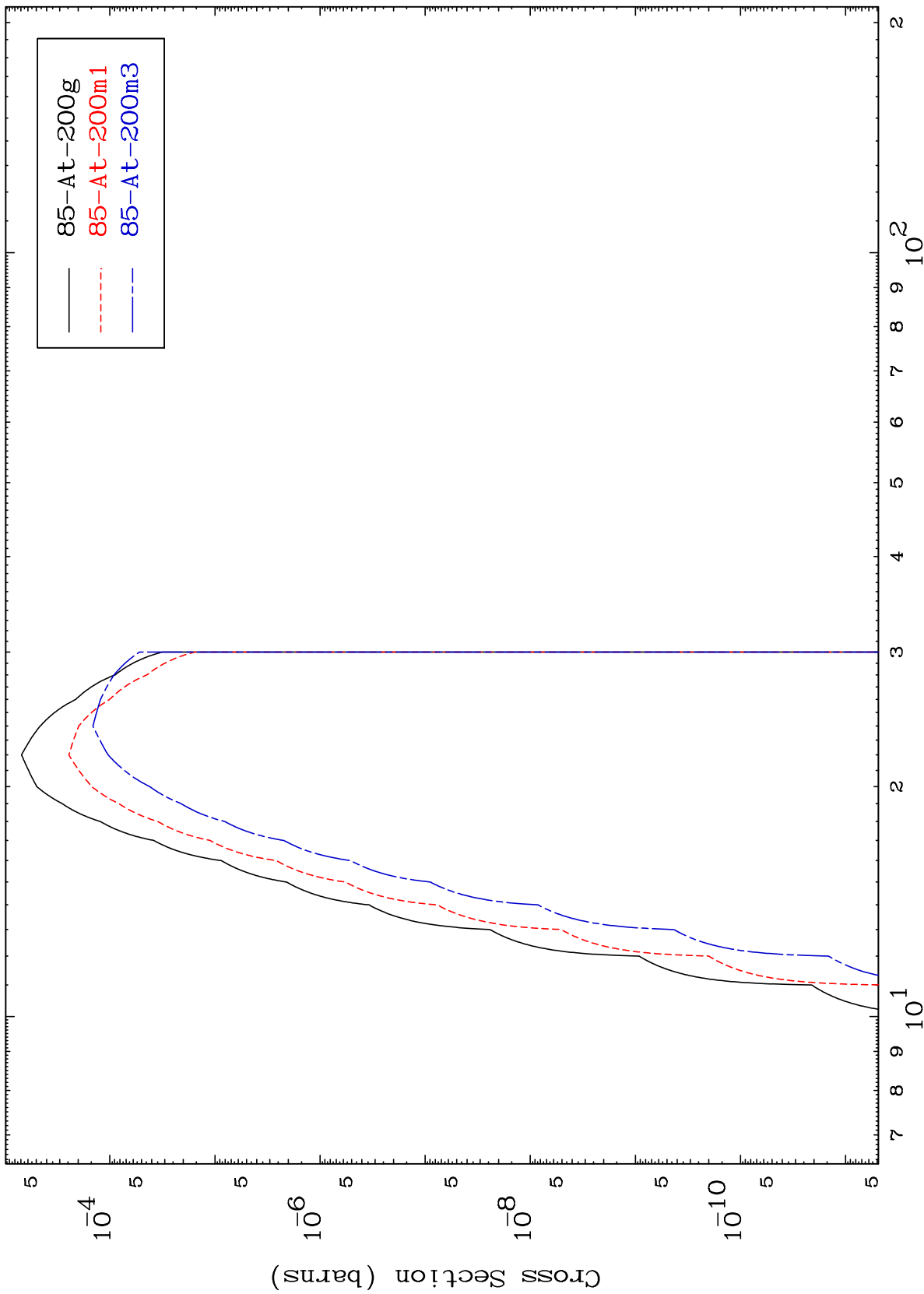
Incident Energy (MeV)

83-Bi-196

MAT 8286

83-Bi-196

(α, γ)
Radionuclide Production Cross Section



17

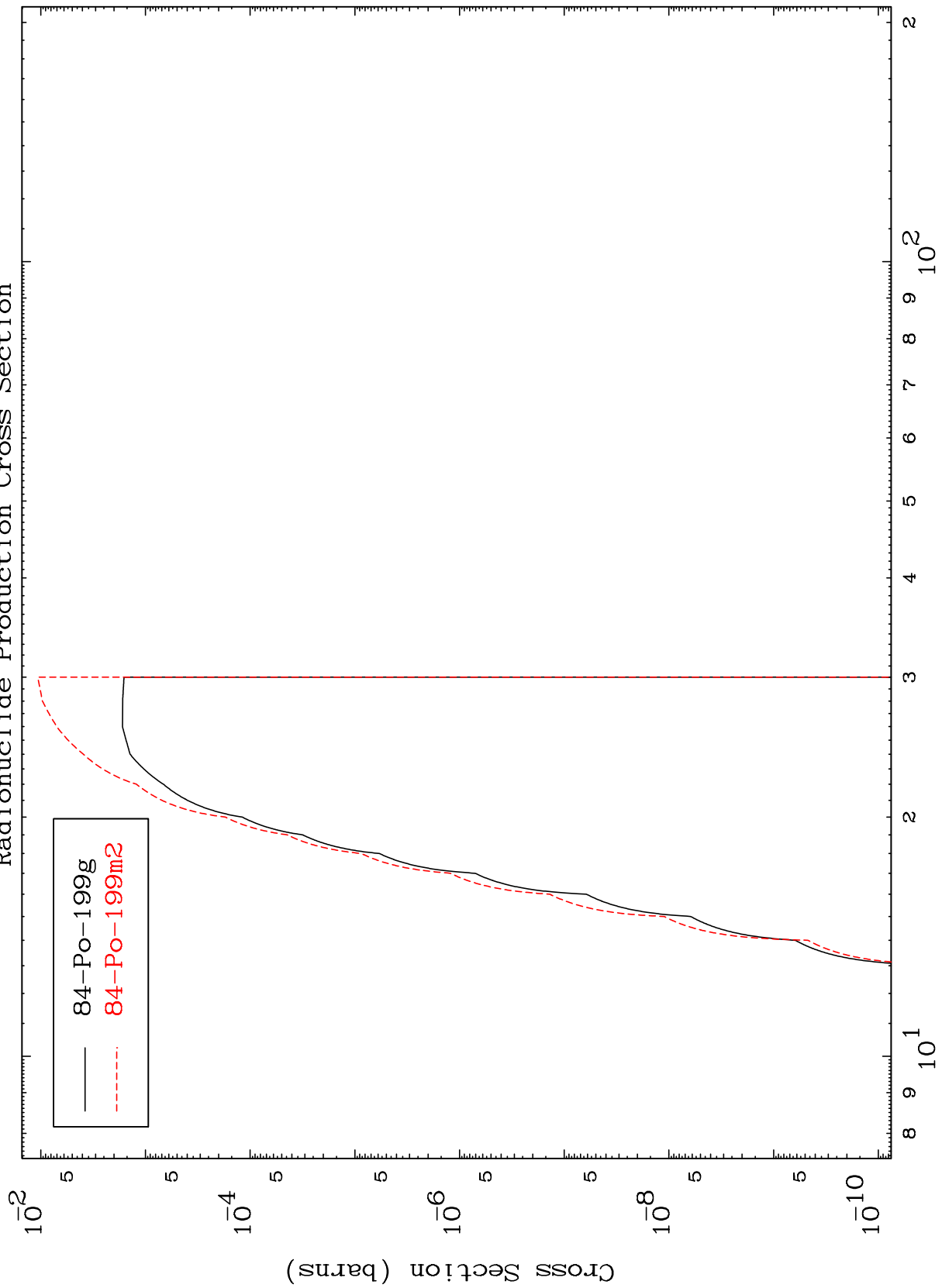
Incident Energy (MeV)

83-Bi-196

MAT 8286

83-Bi-196

(α, p)
Radionuclide Production Cross Section



18

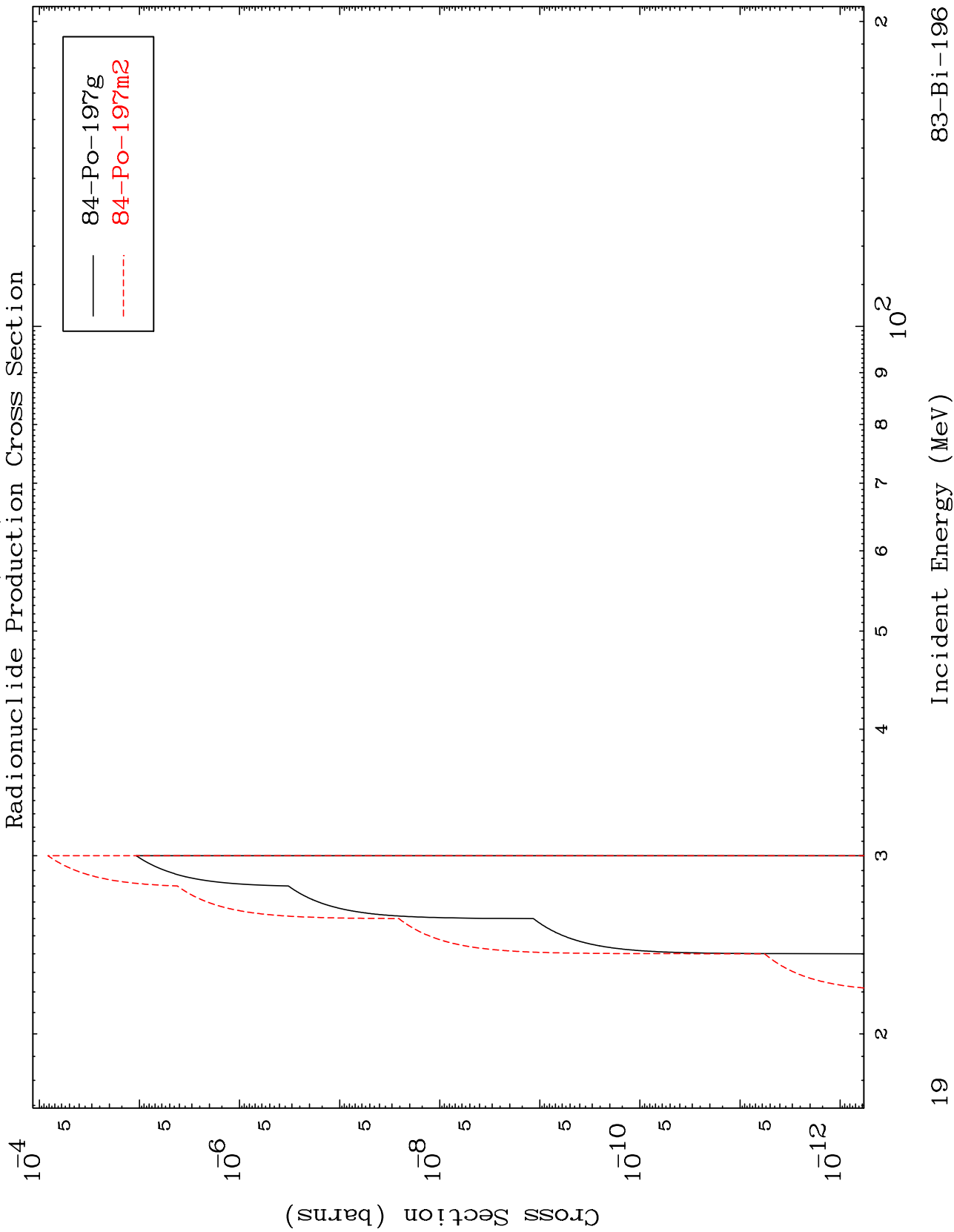
Incident Energy (MeV)

83-Bi-196

MAT 8286

83-Bi-196

(α, t)
Radionuclide Production Cross Section



19

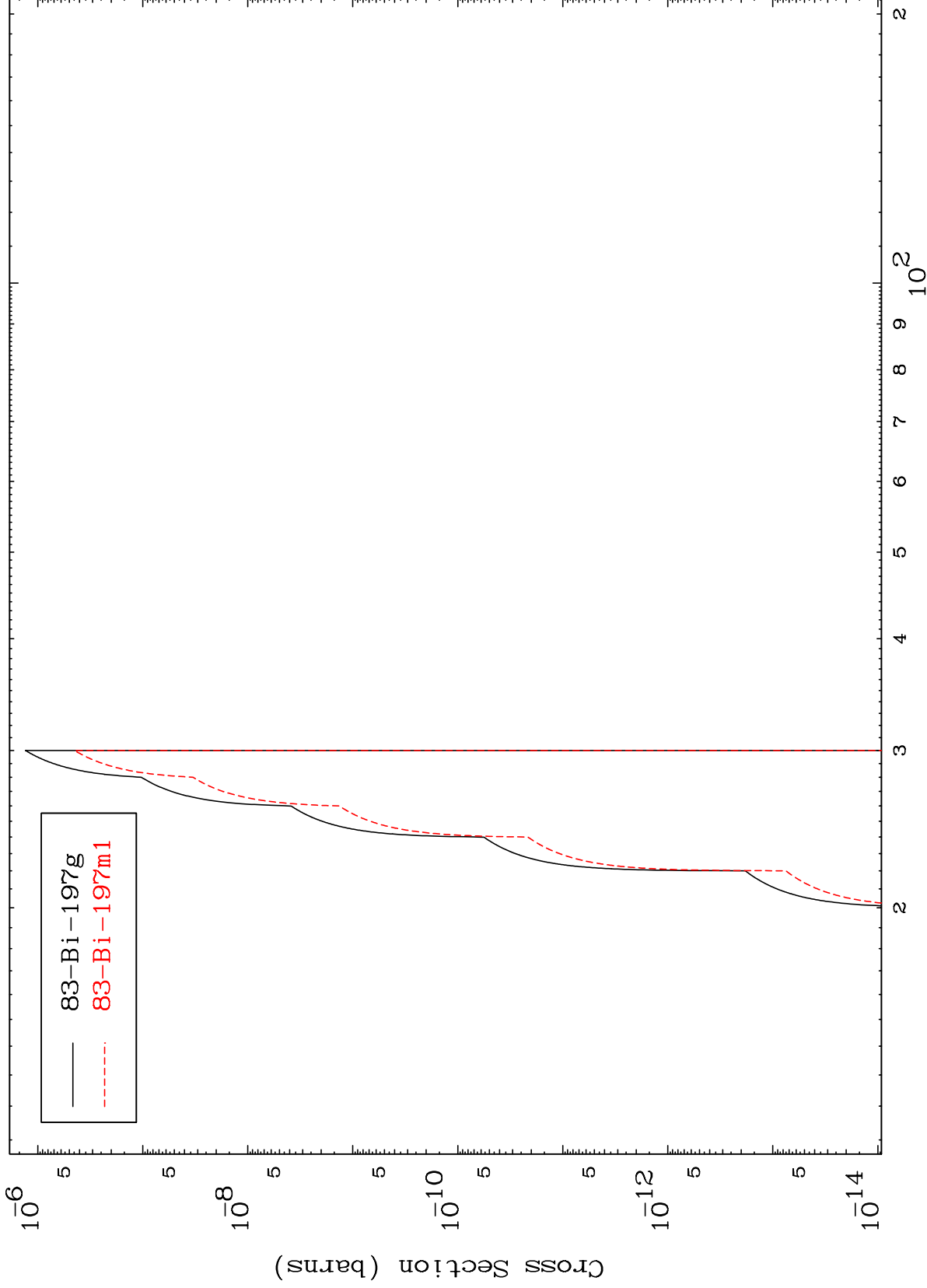
83-Bi-196

MAT 8286

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

83-Bi-196

Radionuclide Production Cross Section



20

Incident Energy (MeV)

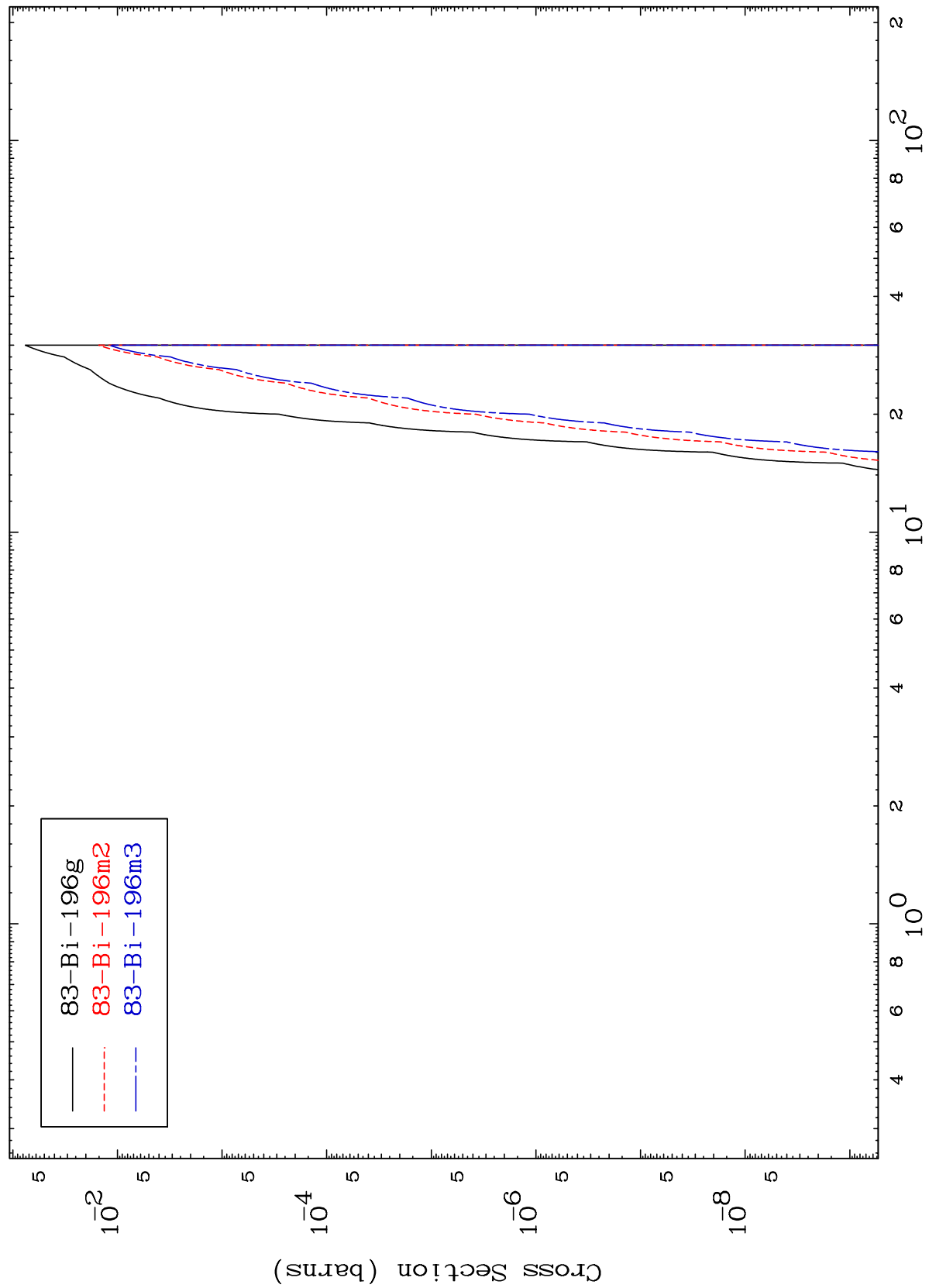
83-Bi-196

MAT 8286

(α, α)

83-Bi-196

Radionuclide Production Cross Section

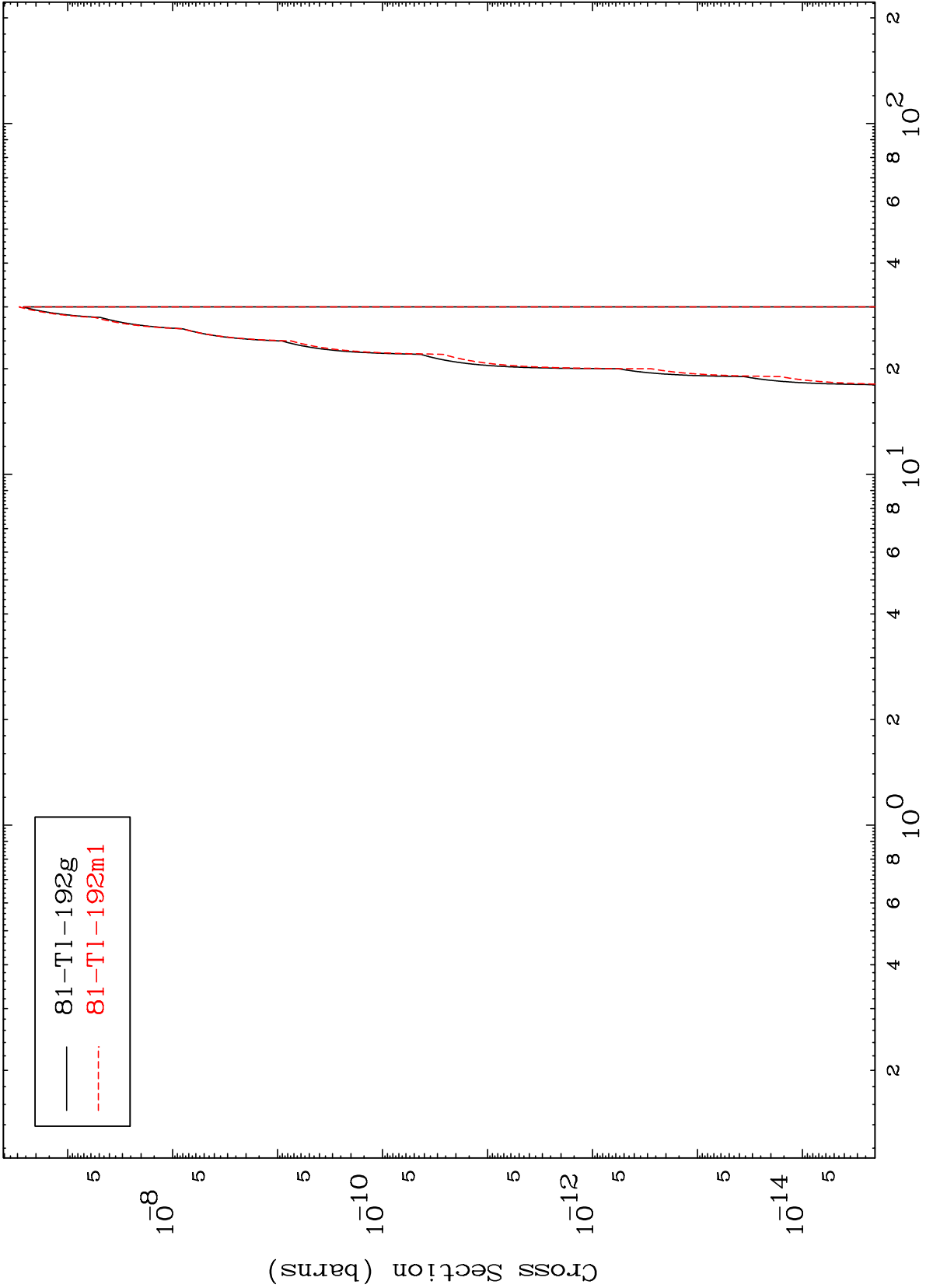


MAT 8286

($\alpha, 2\alpha$)

83-Bi-196

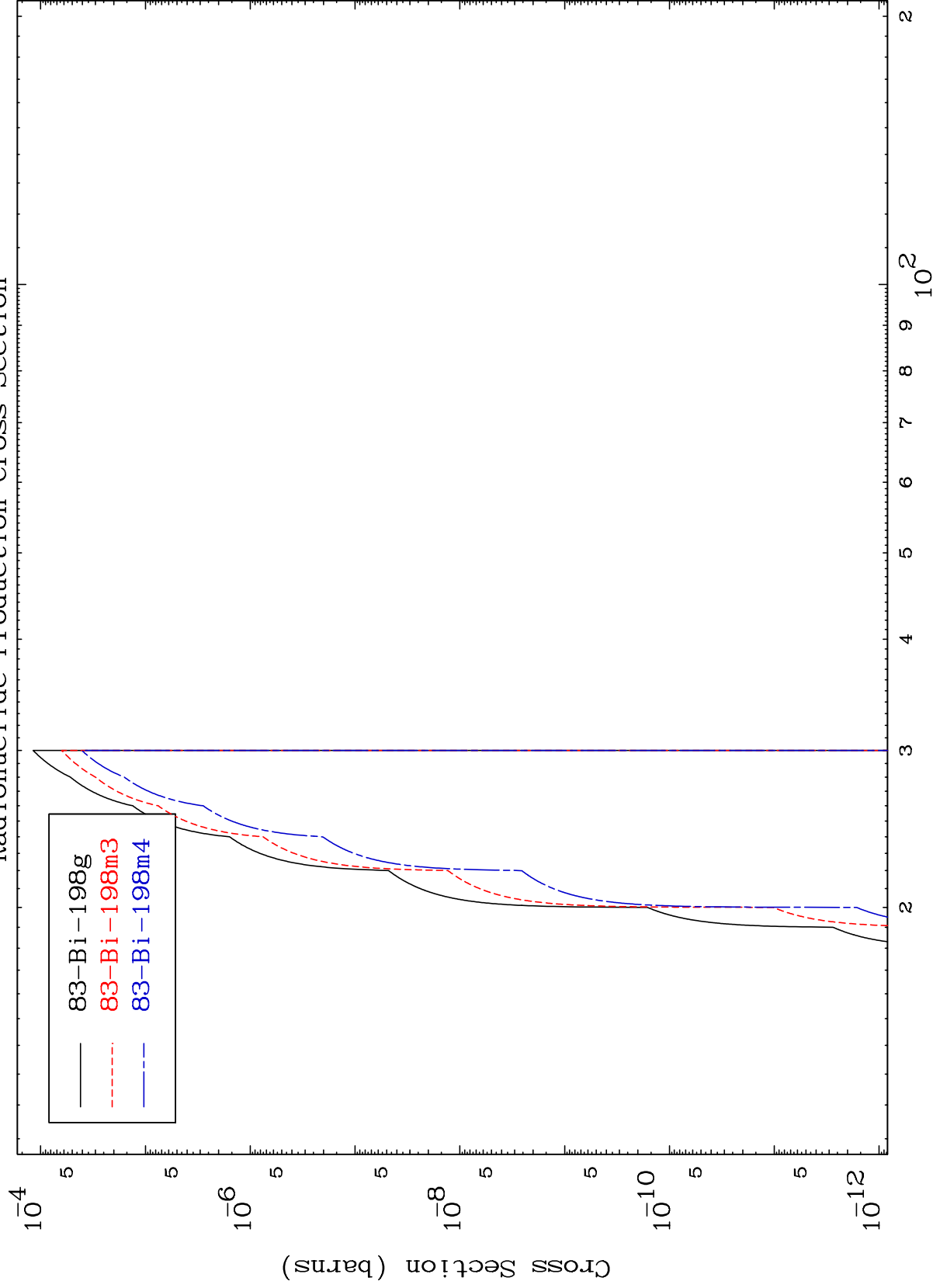
Radionuclide Production Cross Section



MAT 8286

83-Bi-196

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



23

Incident Energy (MeV)

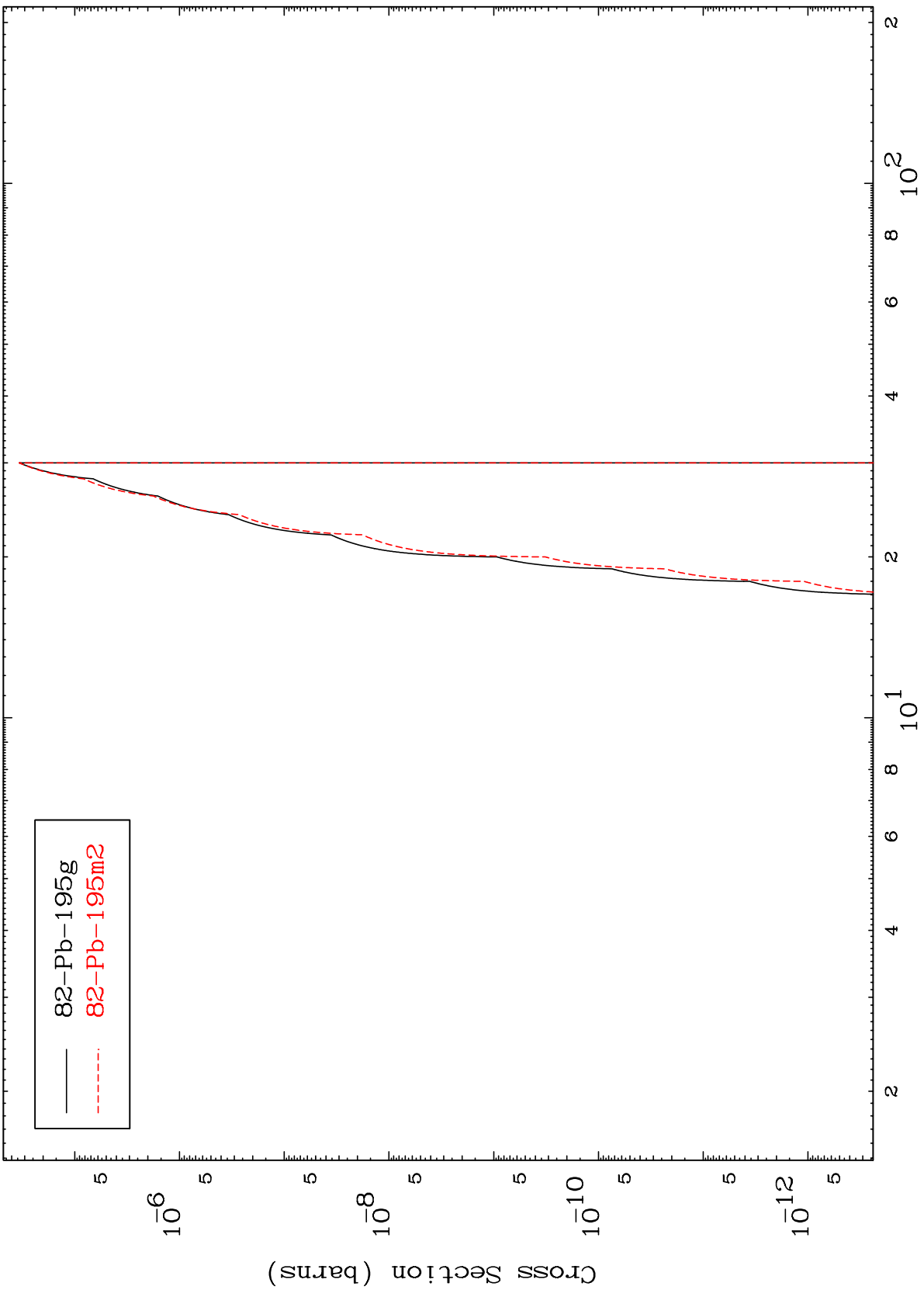
83-Bi-196

MAT 8286

(α, p) α

83-Bi-196

Radionuclide Production Cross Section



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

24

Incident Energy (MeV)

83-Bi-196