

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

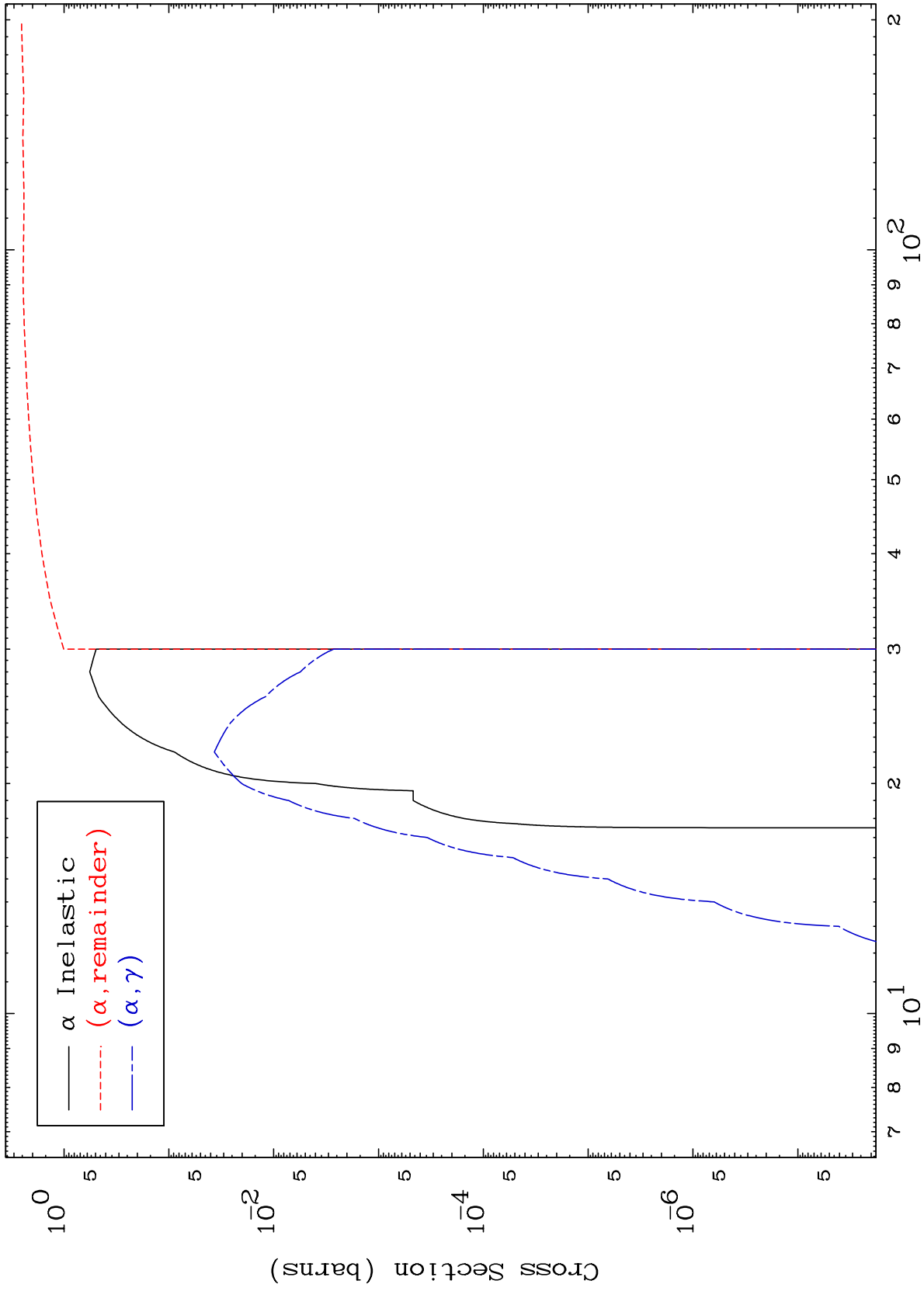
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8189

0 Kelvin α Major
Cross Sections

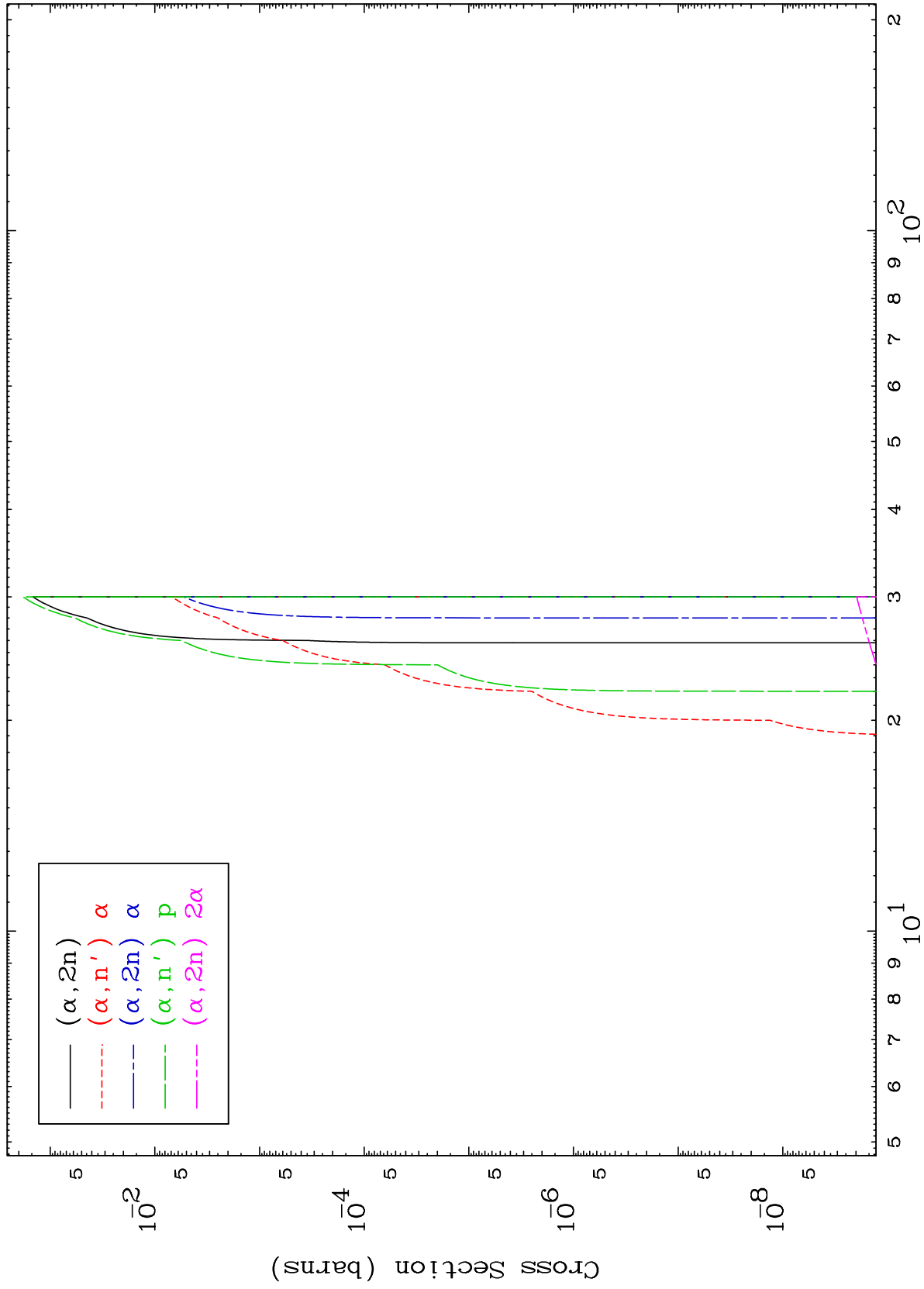
82-Pb-192

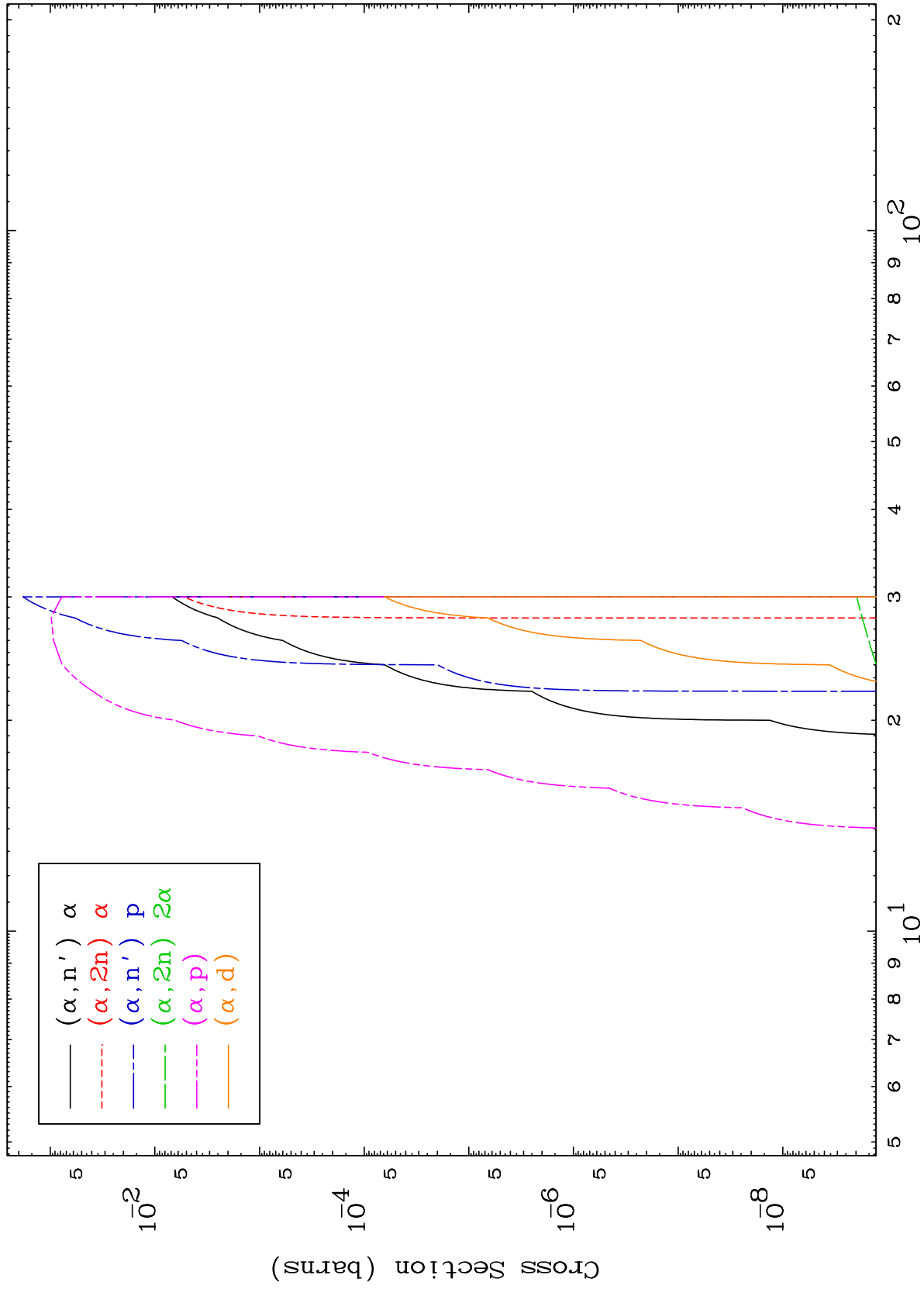


1

Incident Energy (MeV)

82-Pb-192

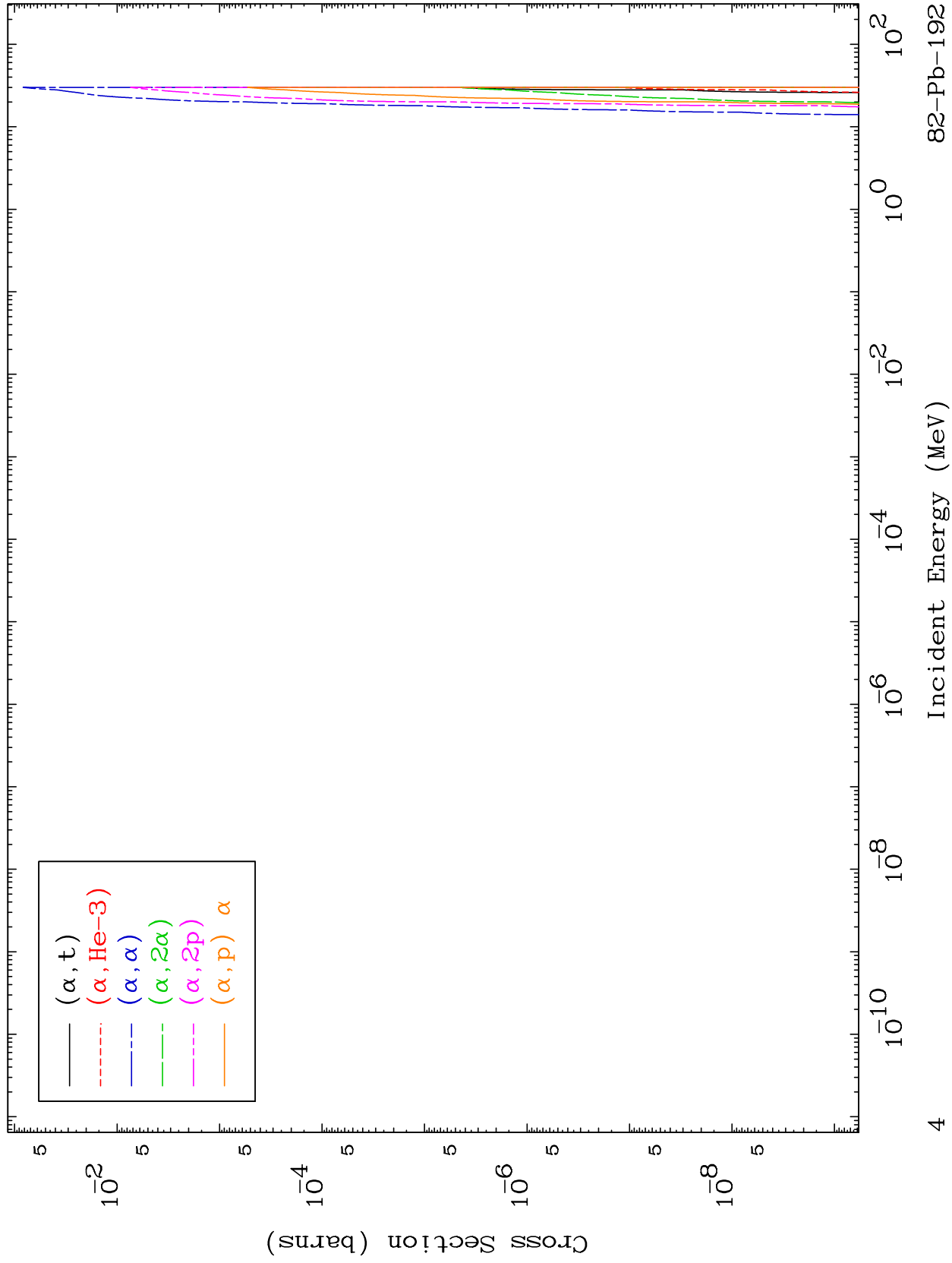




MAT 8189

α Charged Particle
0 Kelvin Cross Sections

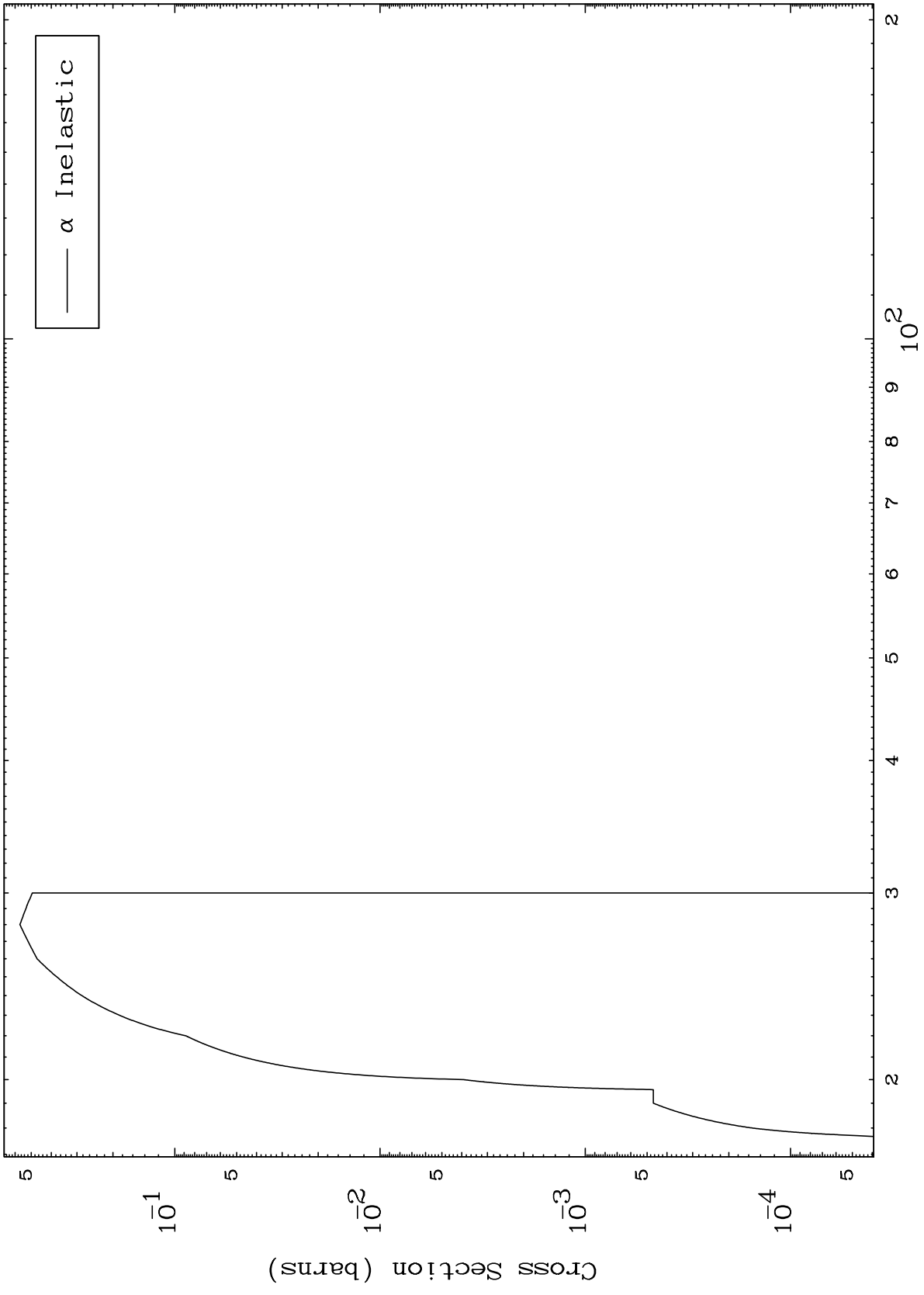
82-Pb-192



MAT 8189

(α, n') Level
0 Kelvin Cross Sections

82-Pb-192



5

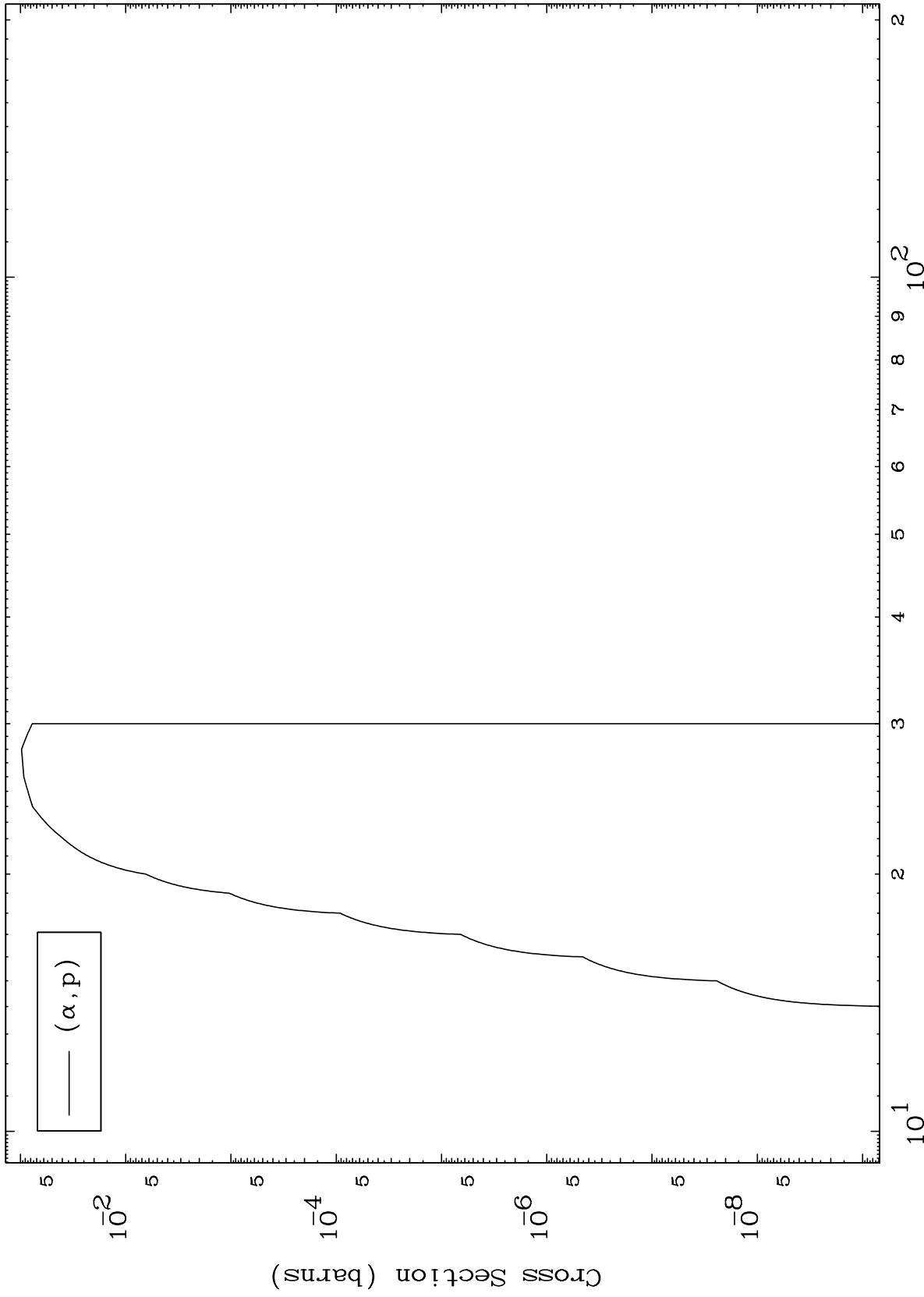
Incident Energy (MeV)

82-Pb-192

MAT 8189

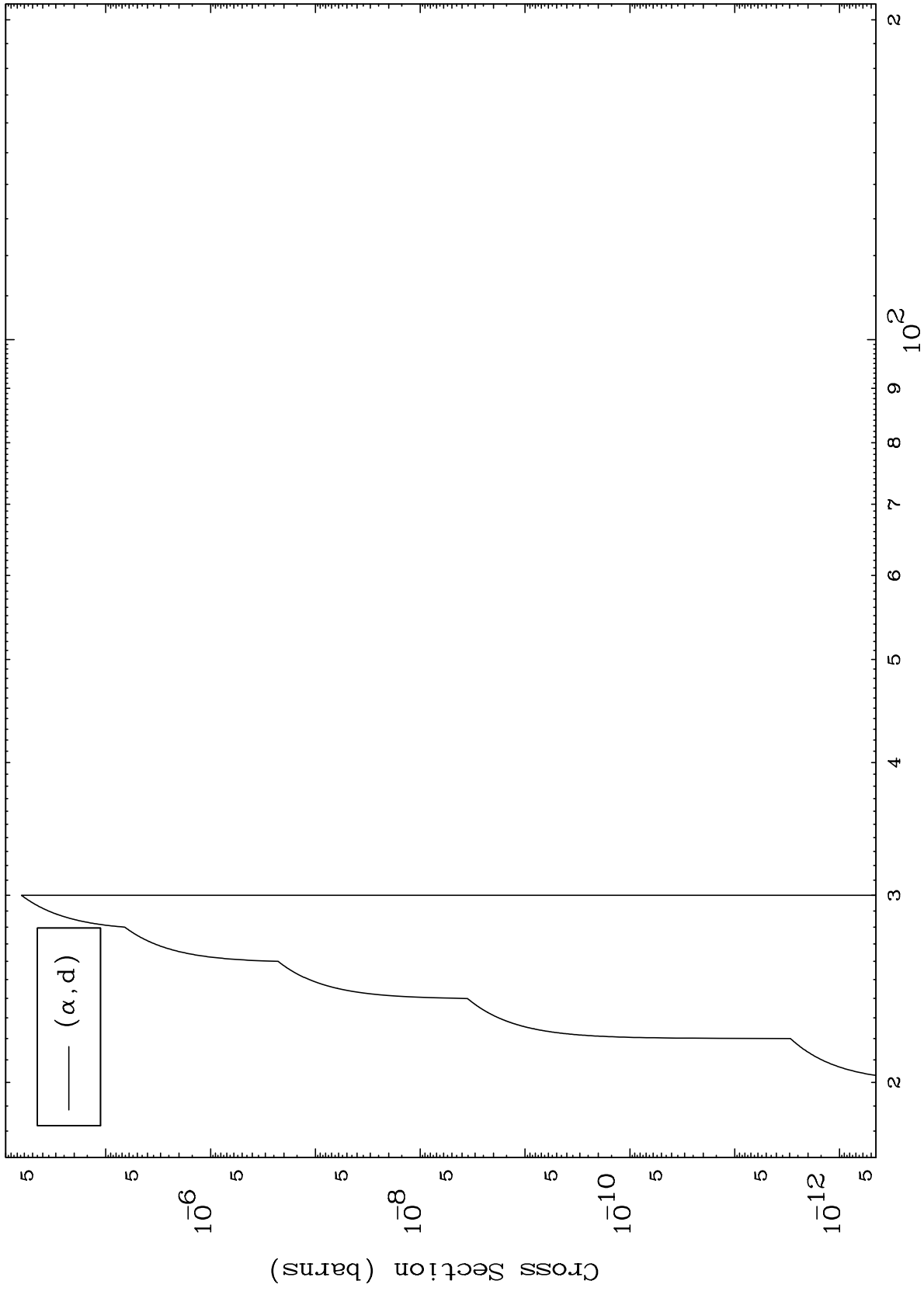
(α, p) Levels
0 Kelvin Cross Sections

82-Pb-192



Incident Energy (MeV)

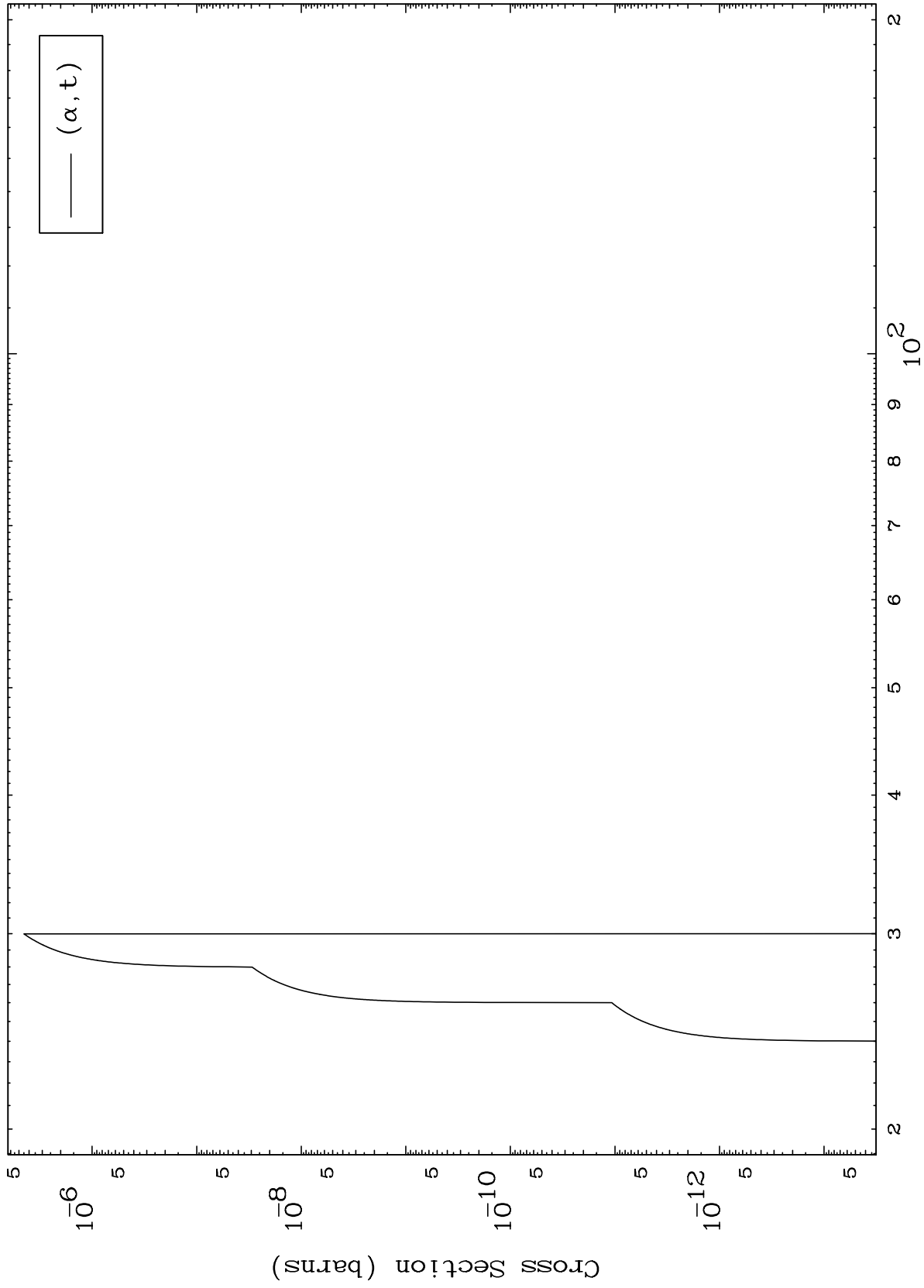
82-Pb-192



MAT 8189

(α, t) Levels
0 Kelvin Cross Sections

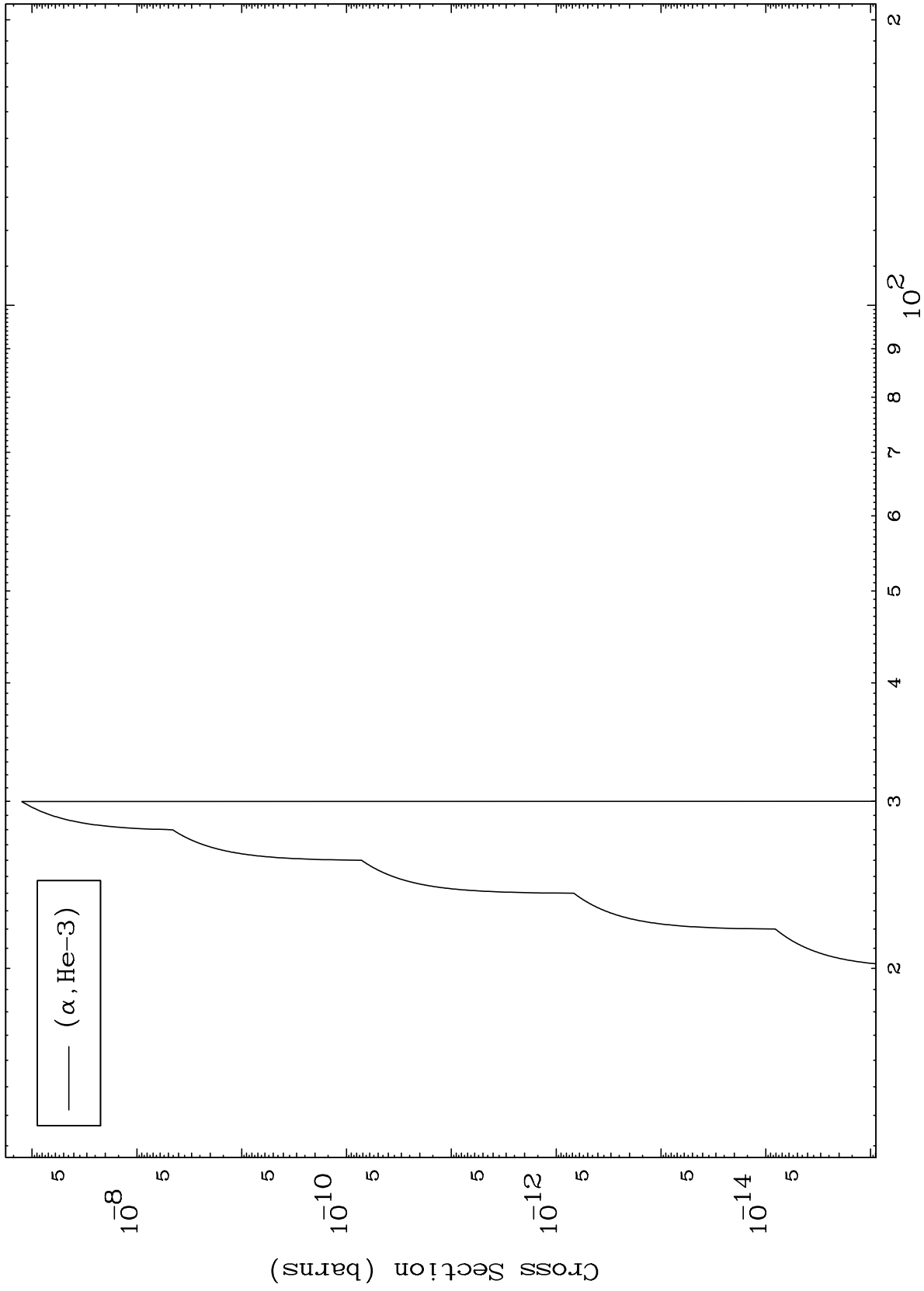
82-Pb-192



8

Incident Energy (MeV)

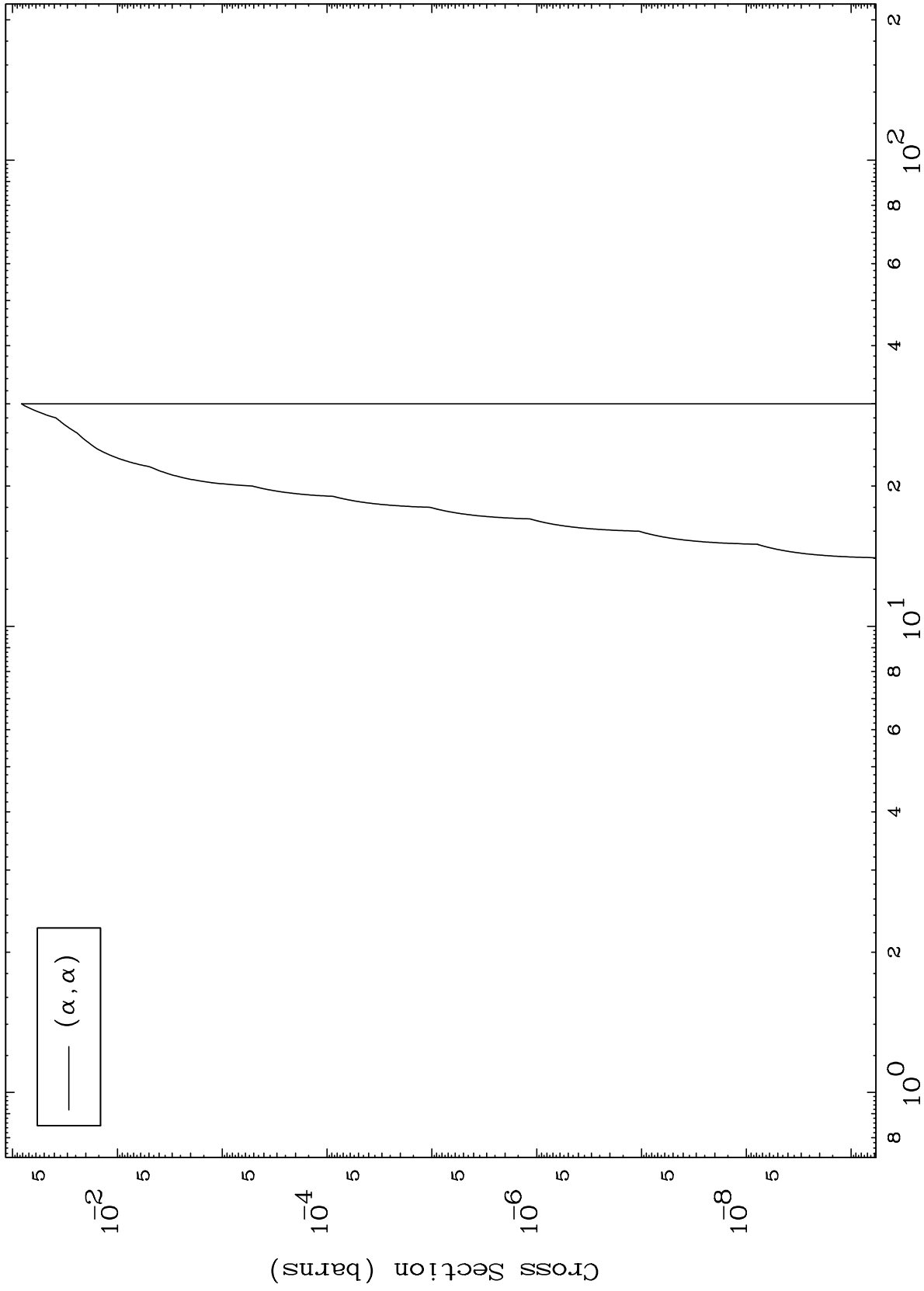
82-Pb-192



MAT 8189

(α, α) Levels
0 Kelvin Cross Sections

82-Pb-192

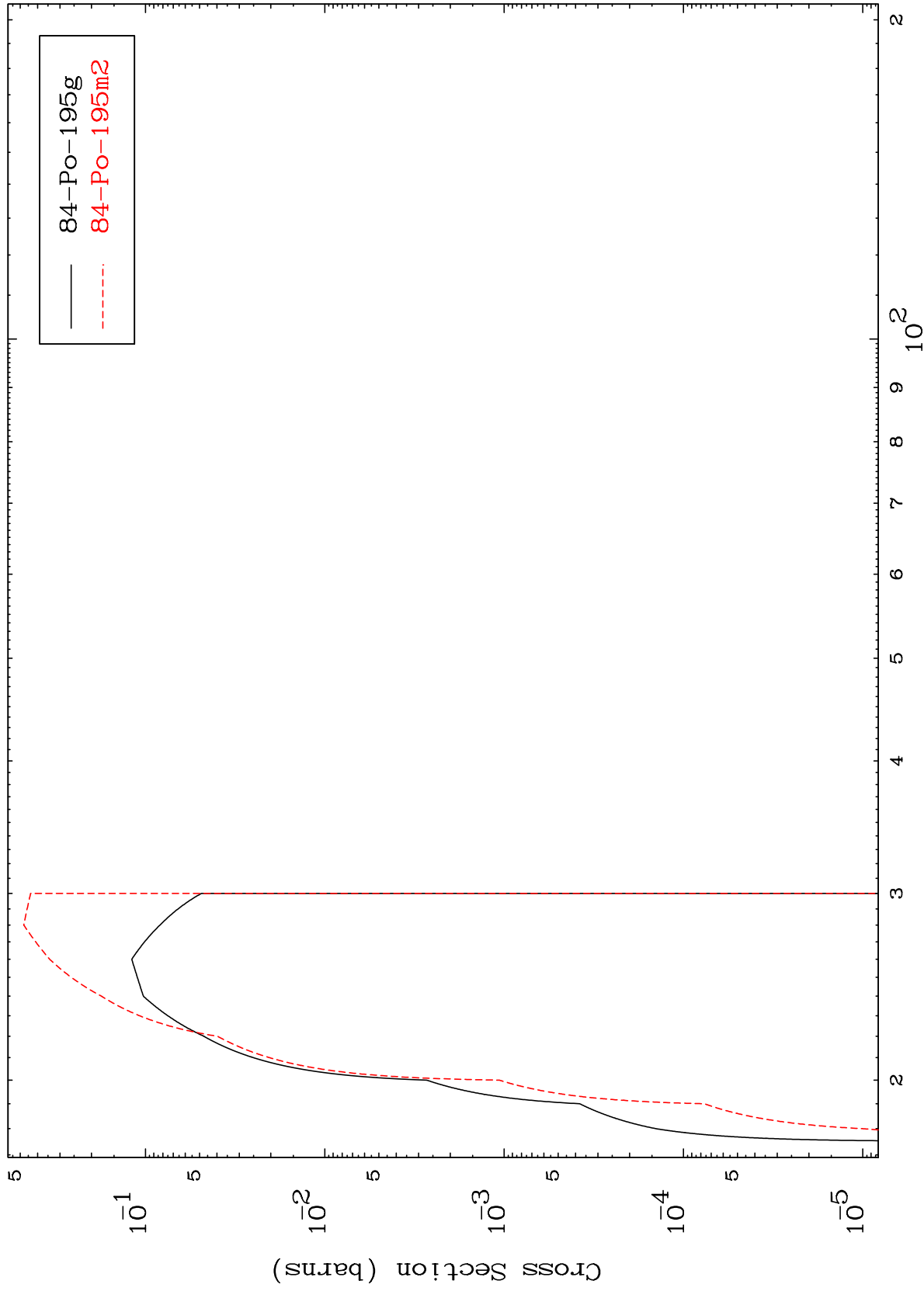


10

Incident Energy (MeV)

82-Pb-192

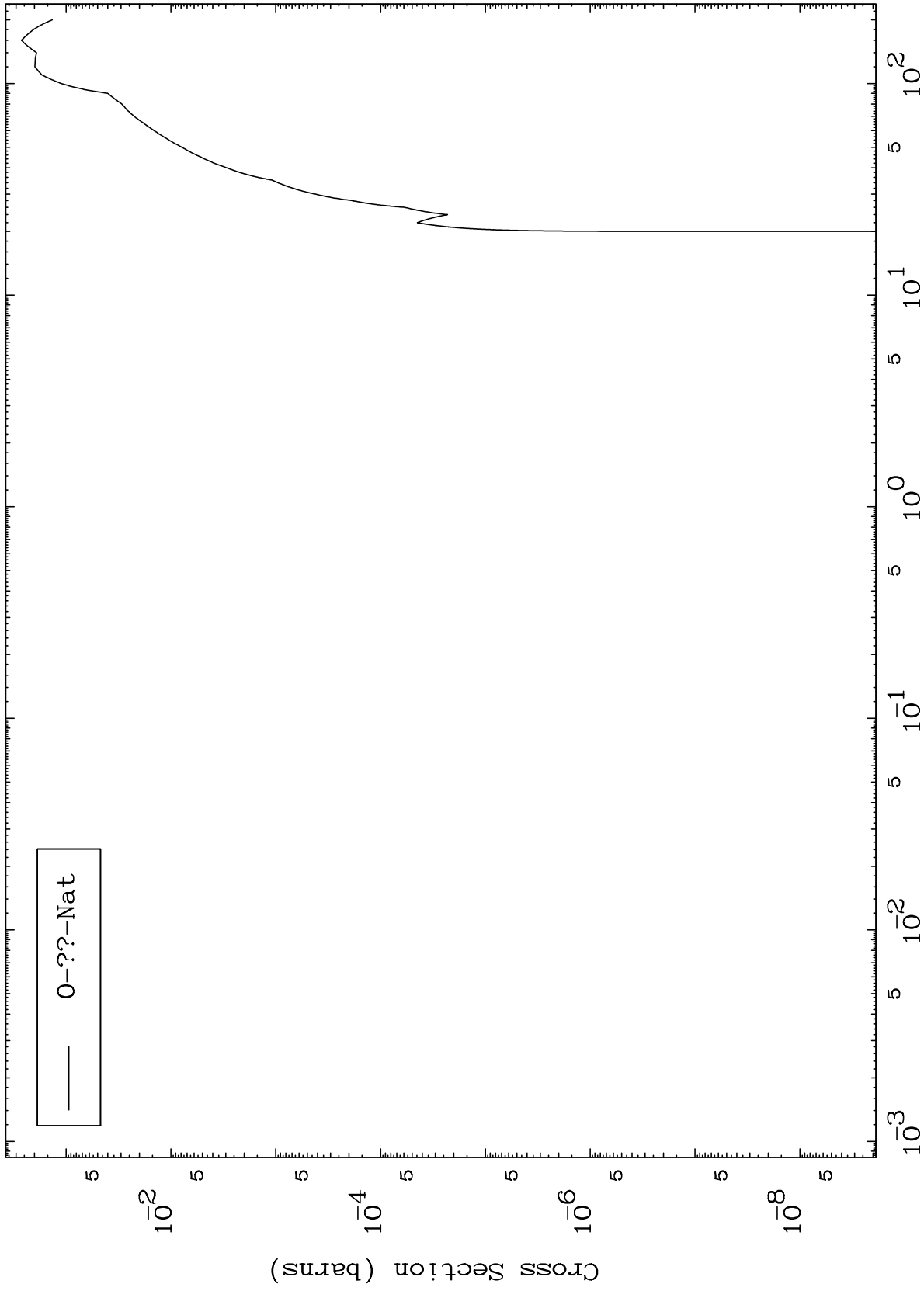
α Inelastic
Radionuclide Production Cross Section



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α Fission
Radionuclide Production Cross Section

82-Pb-192



12

Incident Energy (MeV)

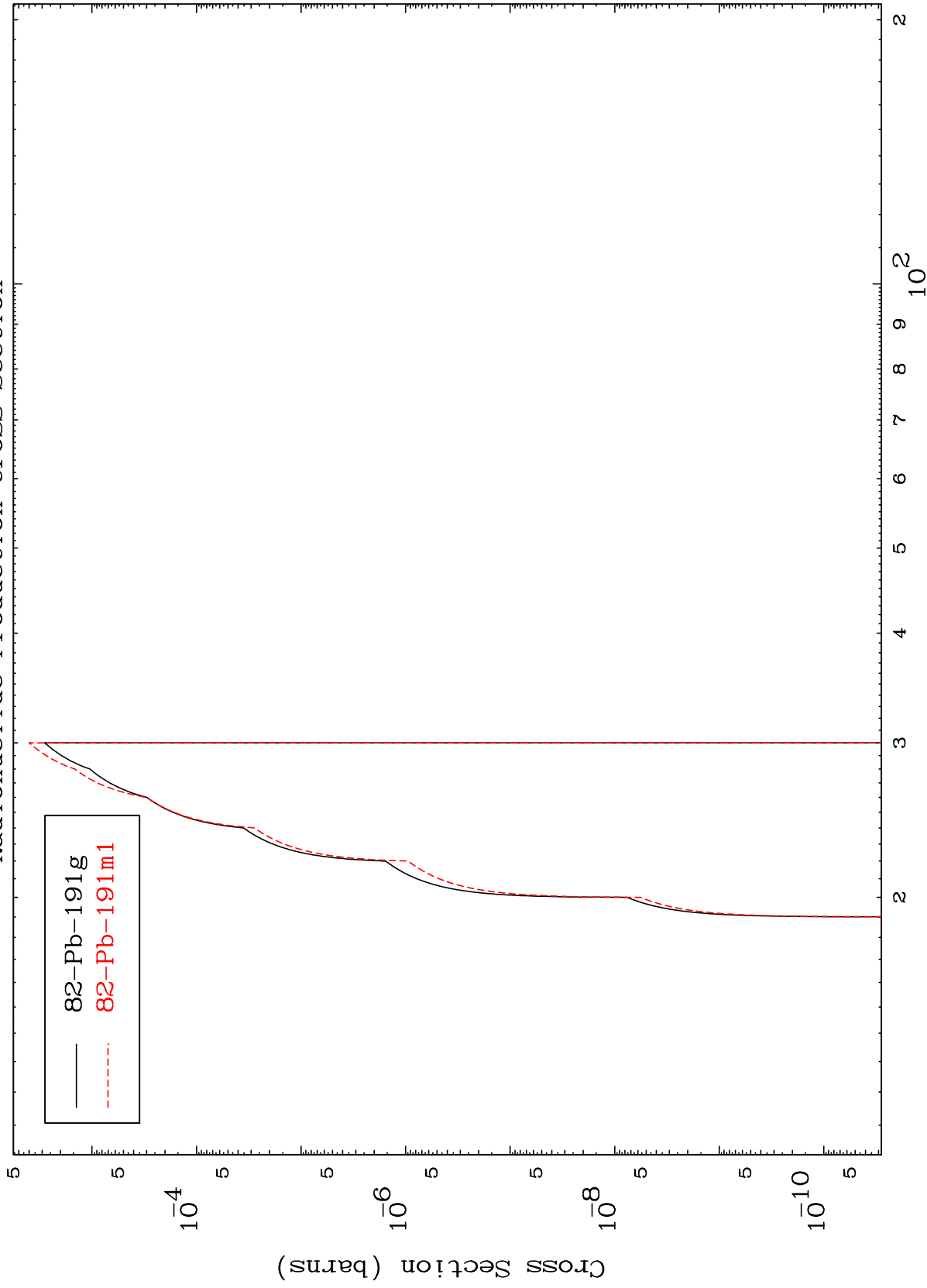
82-Pb-192

MAT 8189

(α, n') α

82-Pb-192

Radionuclide Production Cross Section



13

Incident Energy (MeV)

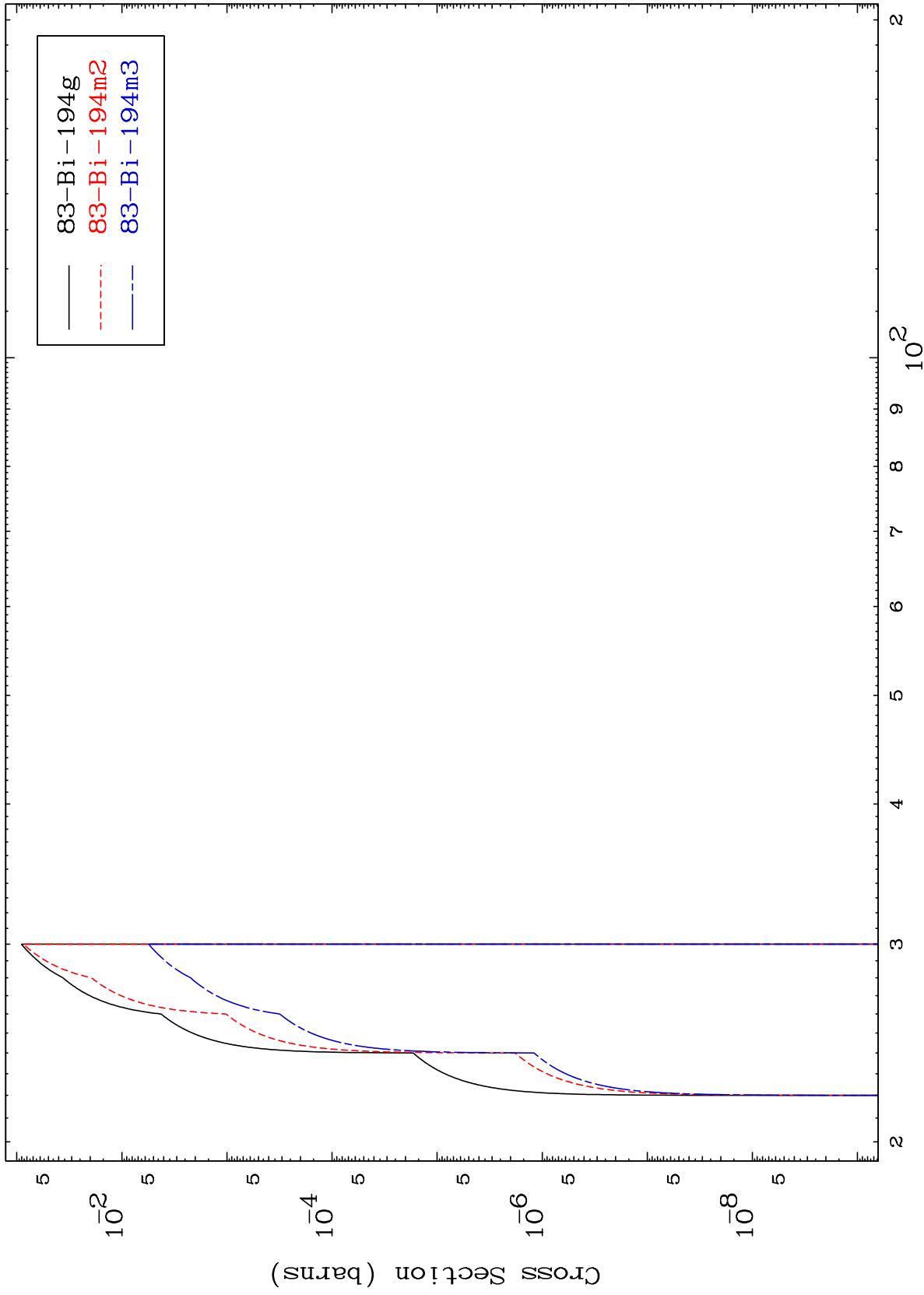
82-Pb-192

MAT 8189

(α, n') p

82-Pb-192

Radionuclide Production Cross Section



14

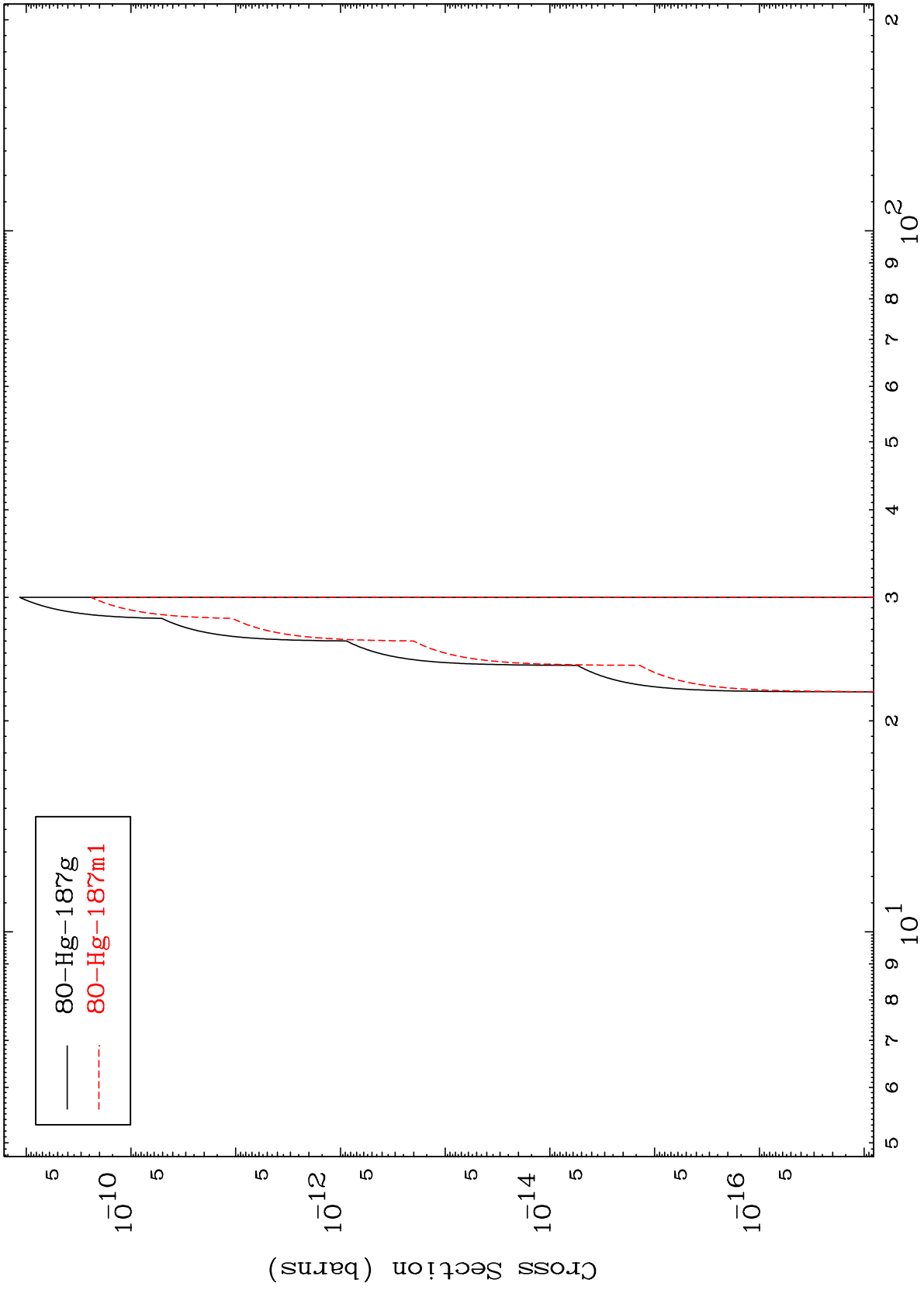
Incident Energy (MeV)

82-Pb-192

MAT 8189

82-Pb-192

(α, n') 2α
Radionuclide Production Cross Section



15

Incident Energy (MeV)

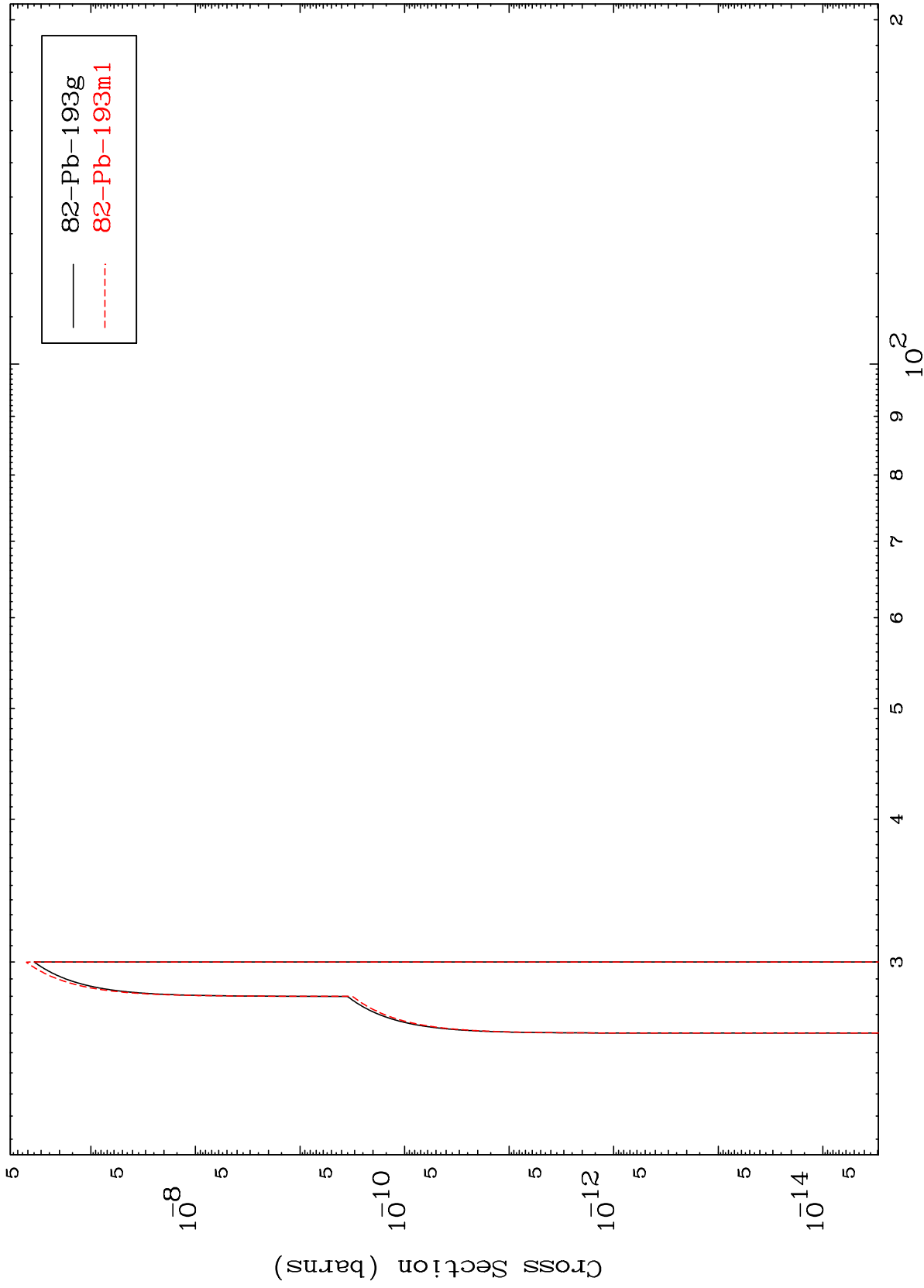
82-Pb-192

MAT 8189

$(\alpha, 2n)$ p

82-Pb-192

Radionuclide Production Cross Section



16

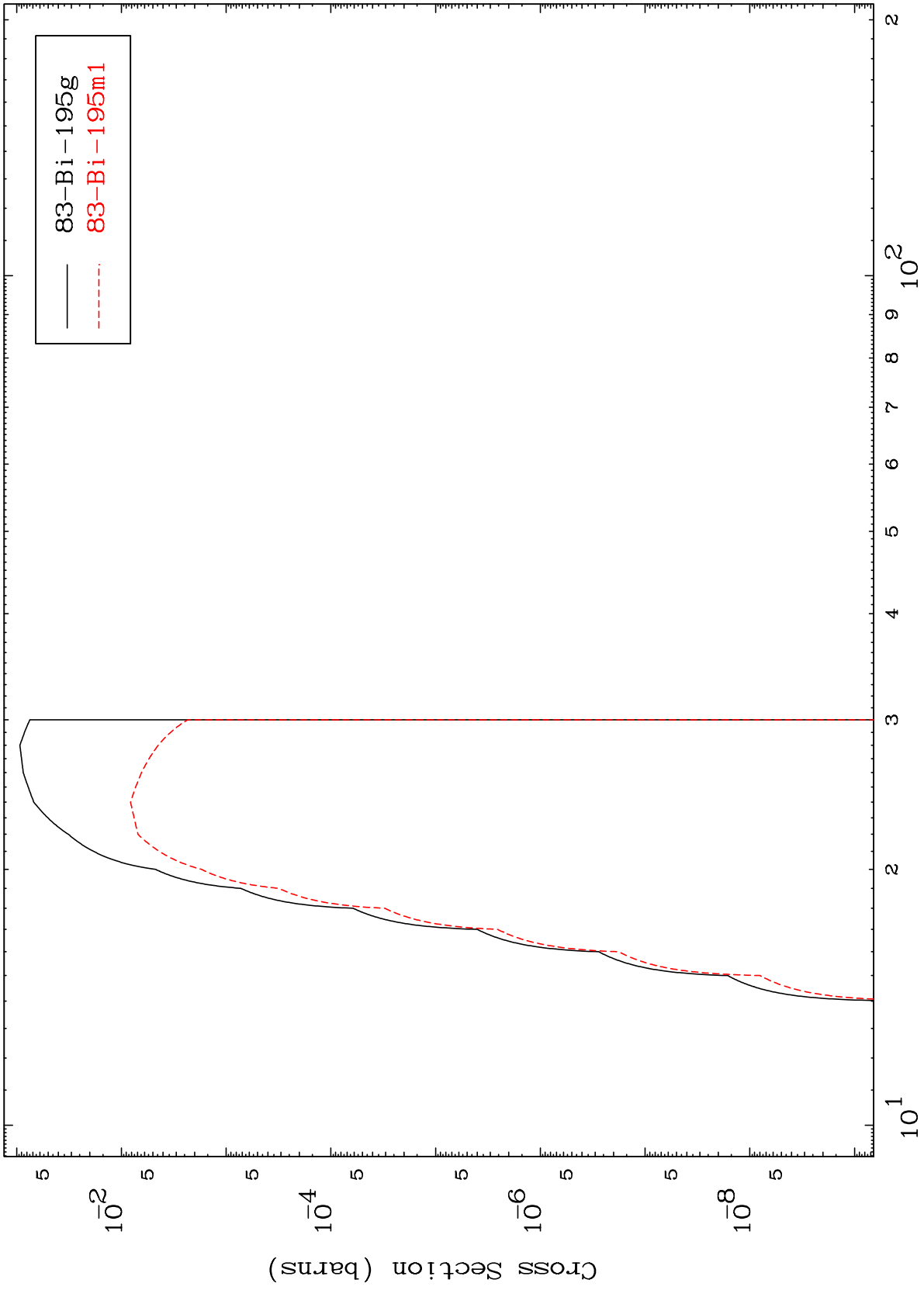
Incident Energy (MeV)

82-Pb-192

MAT 8189

82-Pb-192

(α, p)
Radionuclide Production Cross Section



17

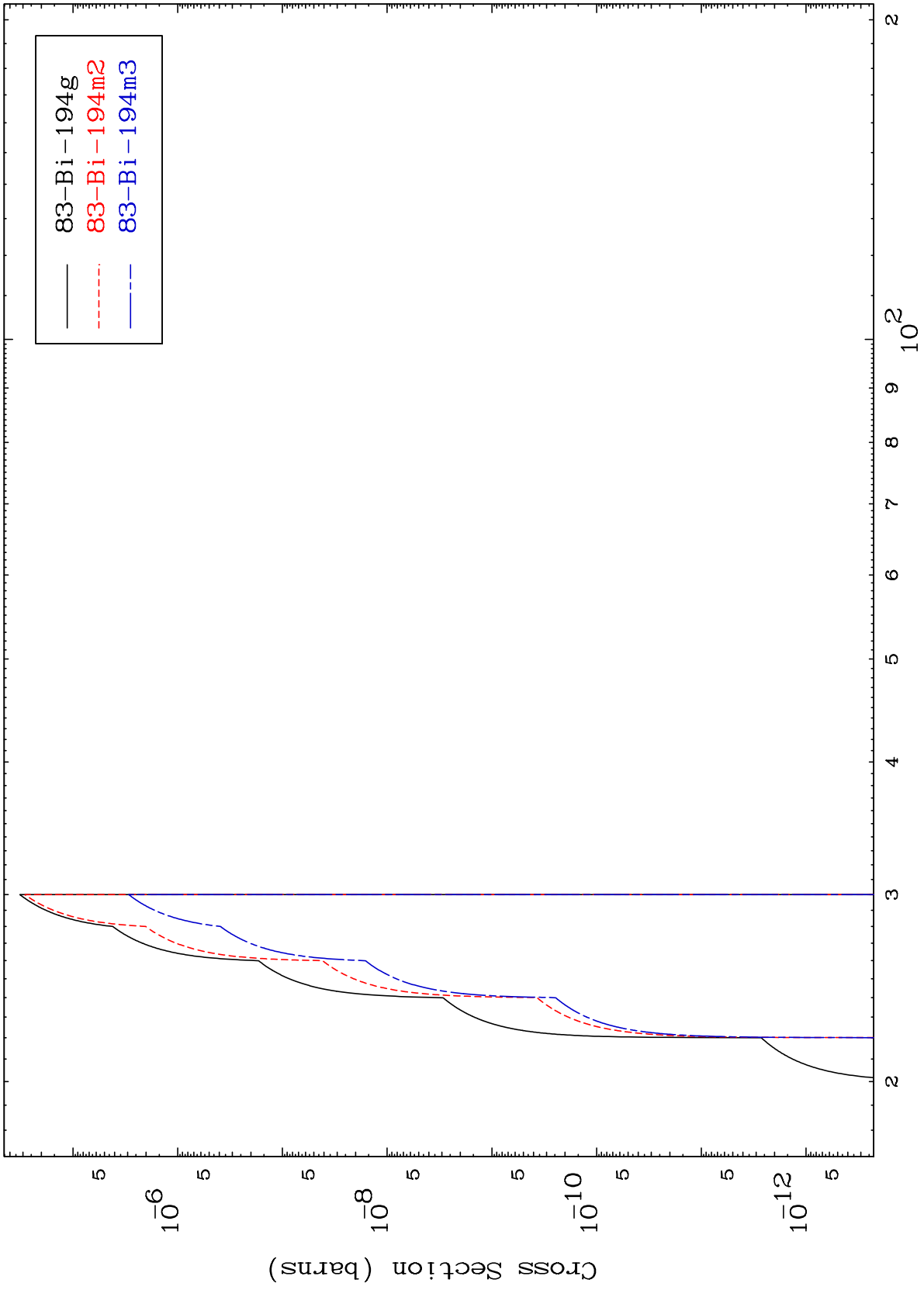
Incident Energy (MeV)

82-Pb-192

MAT 8189

82-Pb-192

(α, d)
Radionuclide Production Cross Section



18

Incident Energy (MeV)

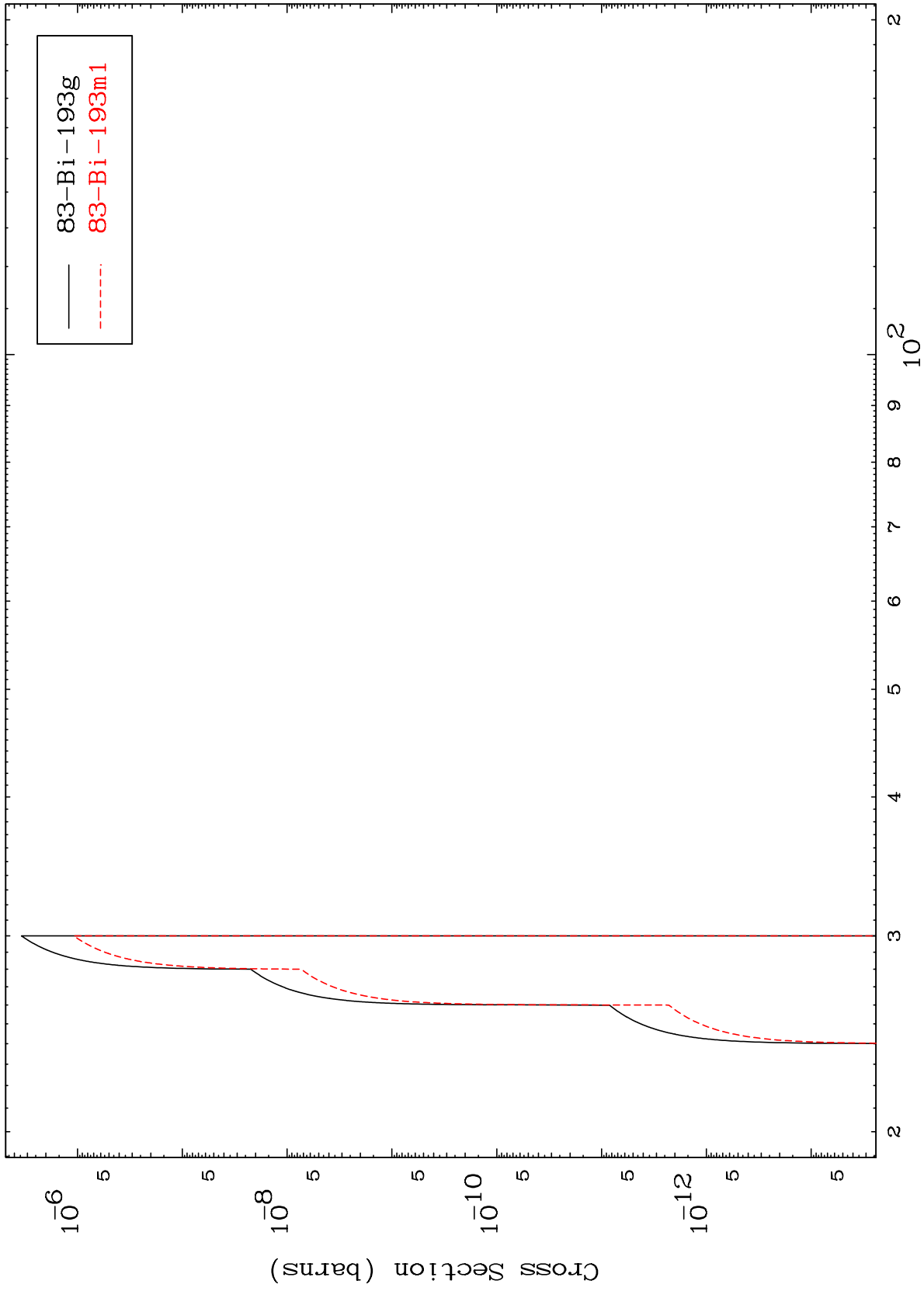
82-Pb-192

MAT 8189

(α, t)

82-Pb-192

Radionuclide Production Cross Section



19

Incident Energy (MeV)

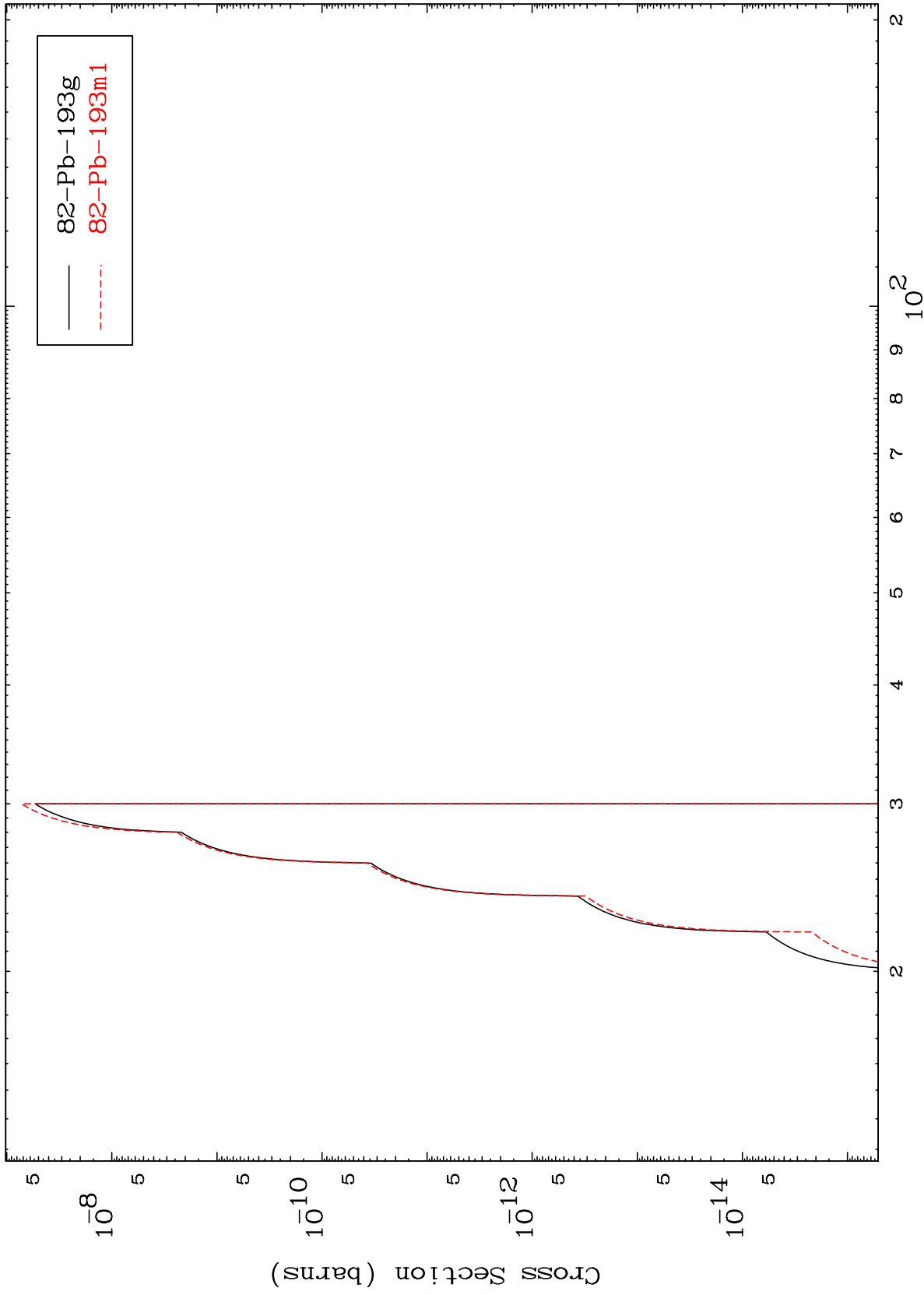
82-Pb-192

MAT 8189

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

82-Pb-192

Radionuclide Production Cross Section



20

Incident Energy (MeV)

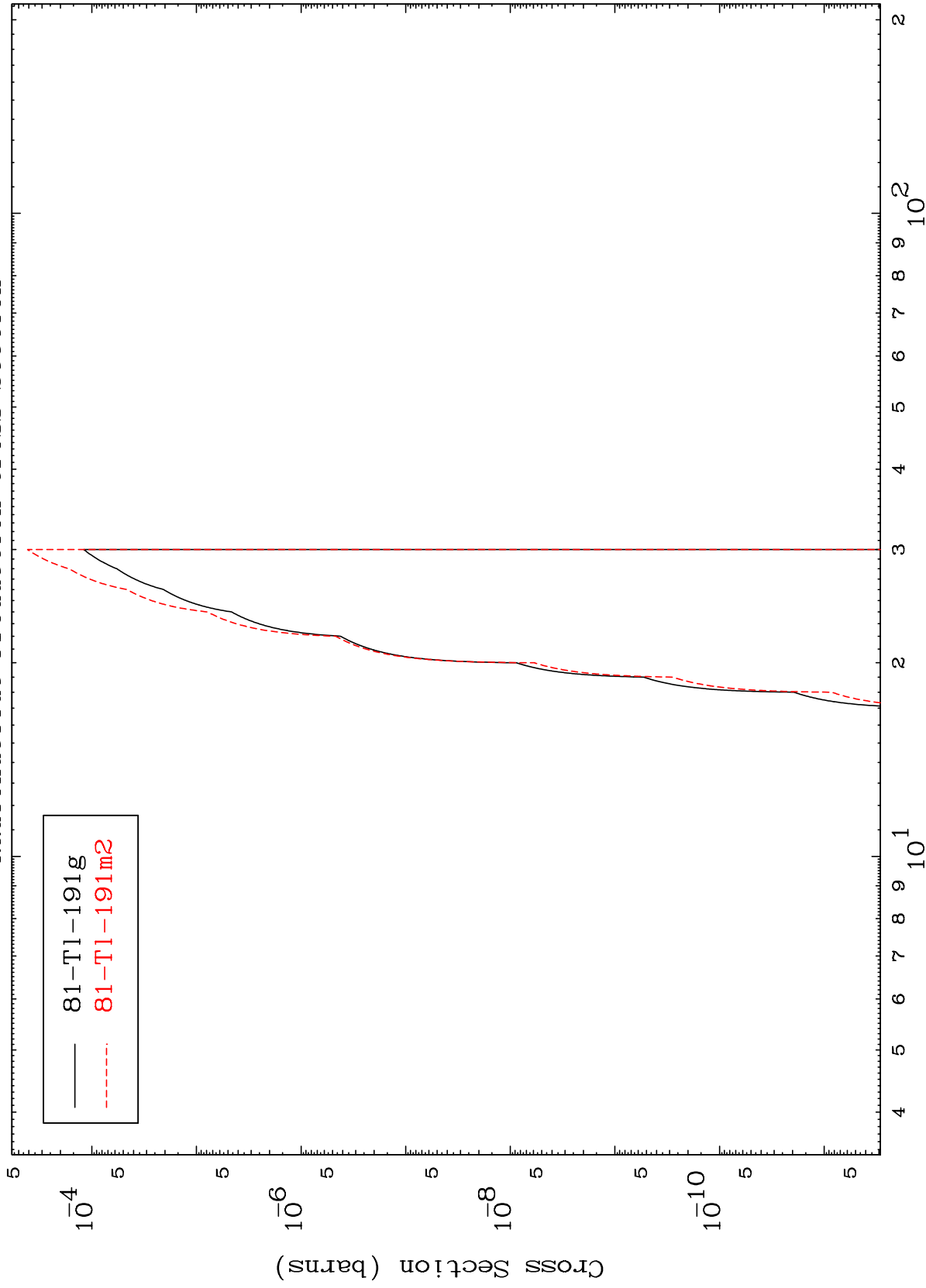
82-Pb-192

MAT 8189

(α, p) α

82-Pb-192

Radionuclide Production Cross Section



21

Incident Energy (MeV)

82-Pb-192