

Program EVALPLOT
(Version 2018-1)

by

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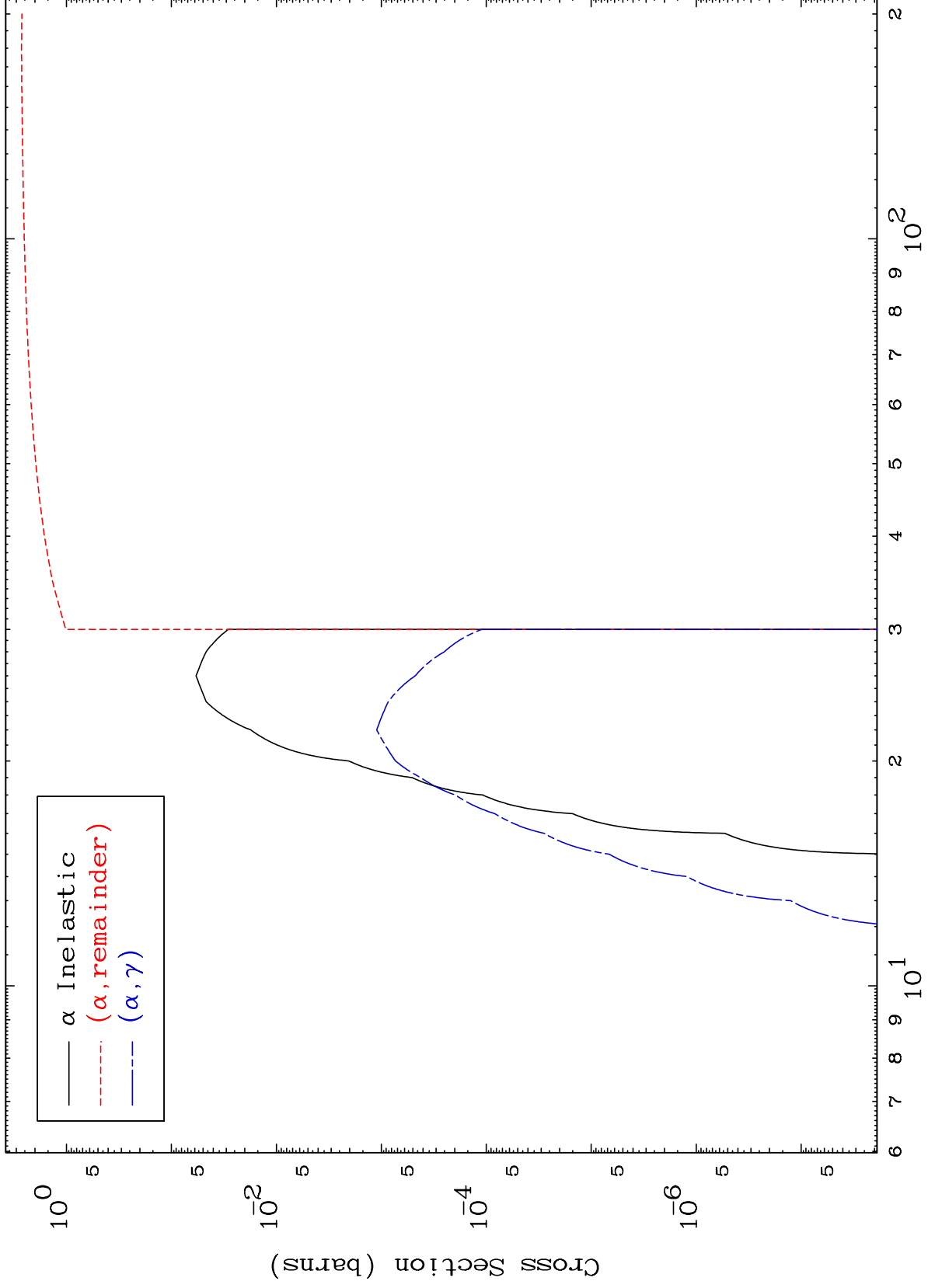
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8081

0 Kelvin α Major Cross Sections

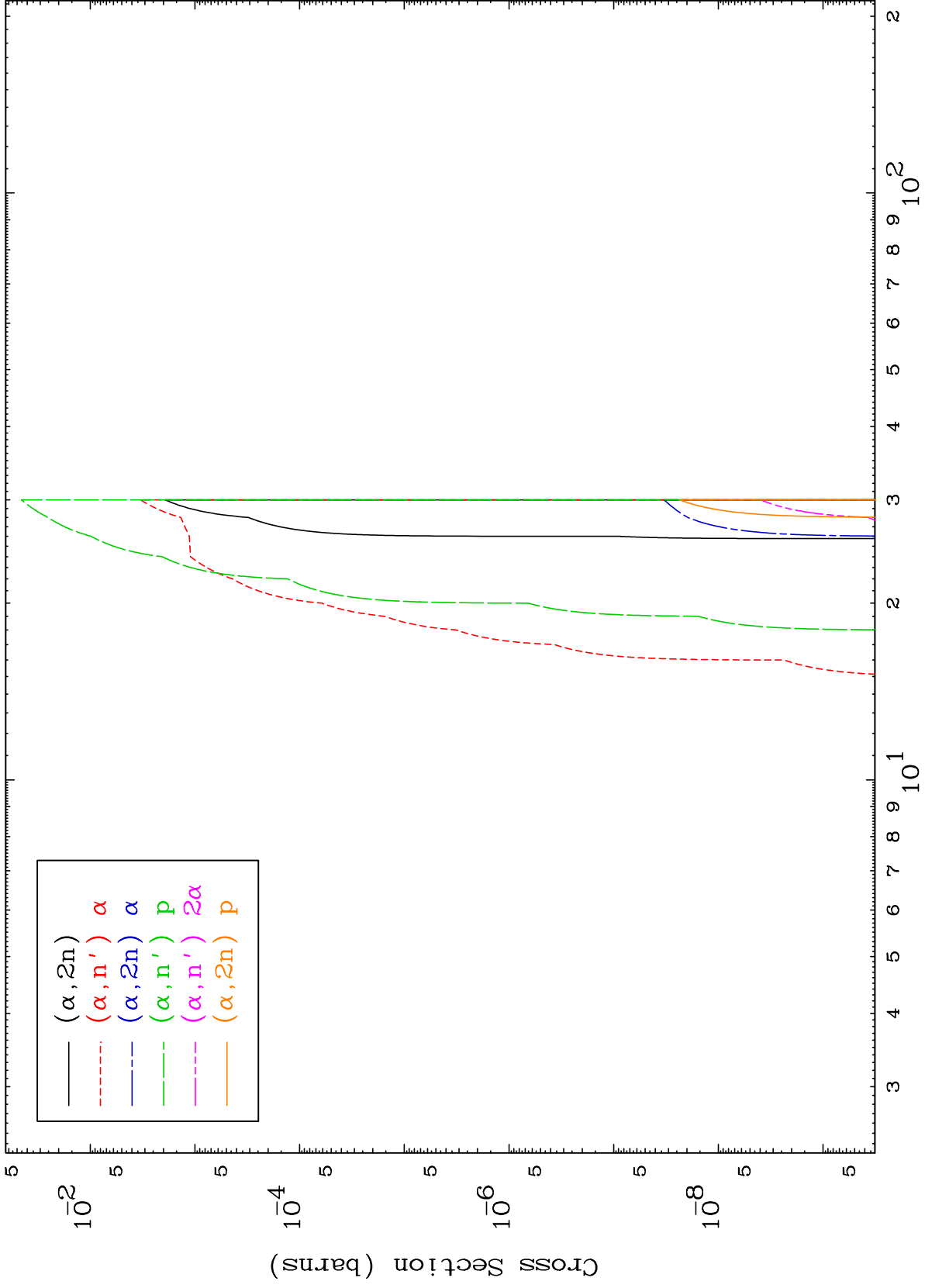
81-Tl-188

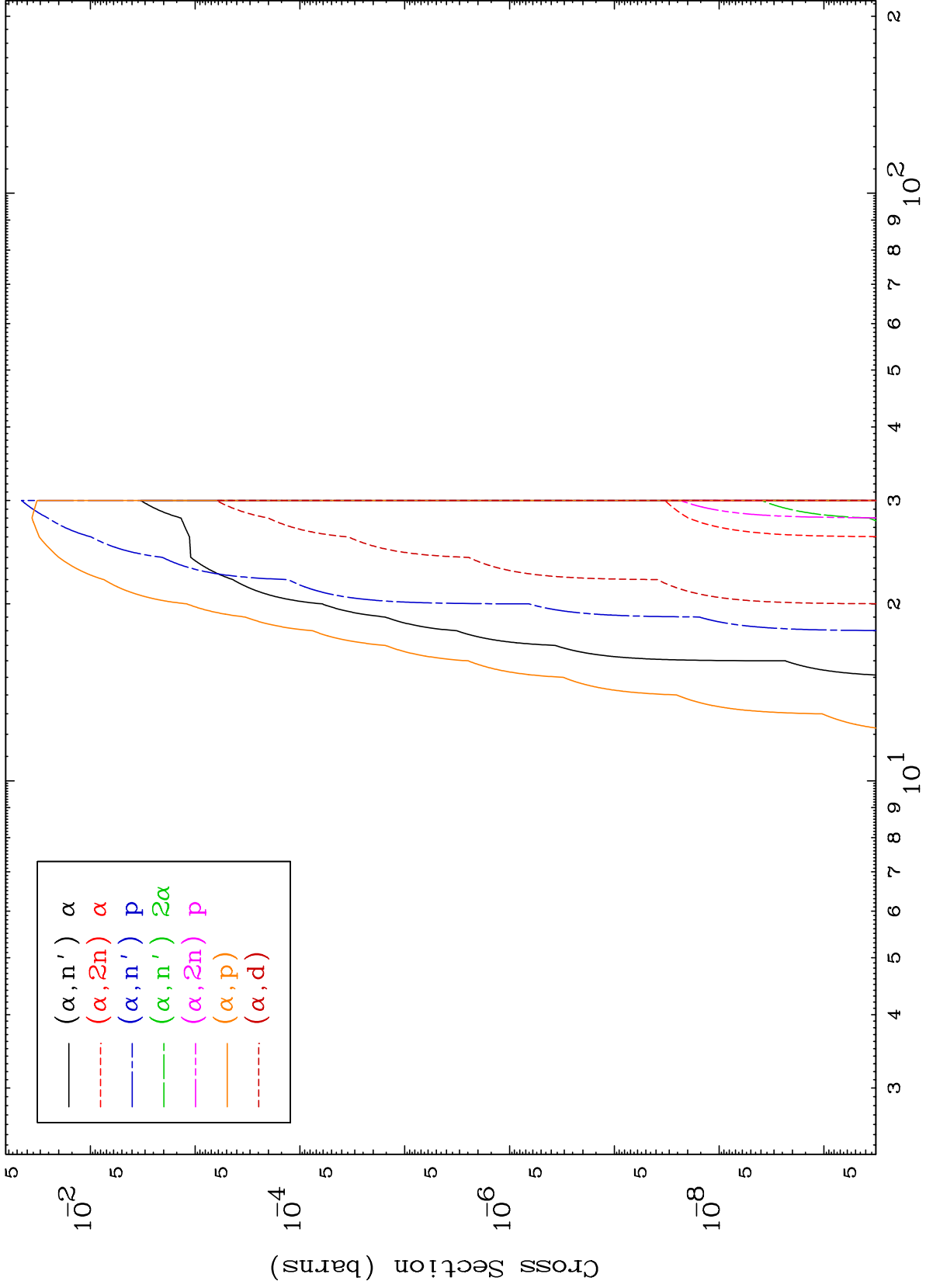


1

Incident Energy (MeV)

81-Tl-188



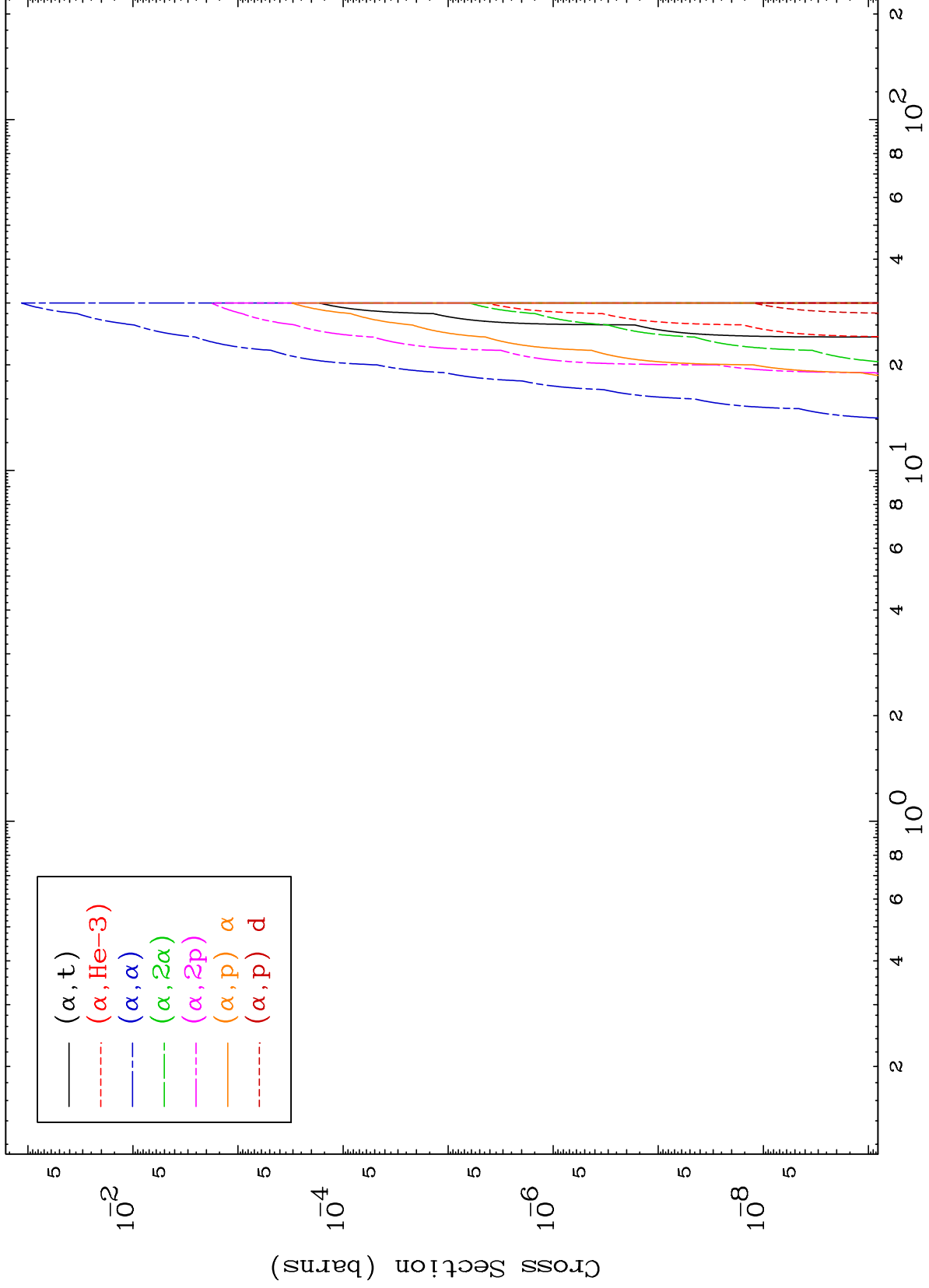


MAT 8081

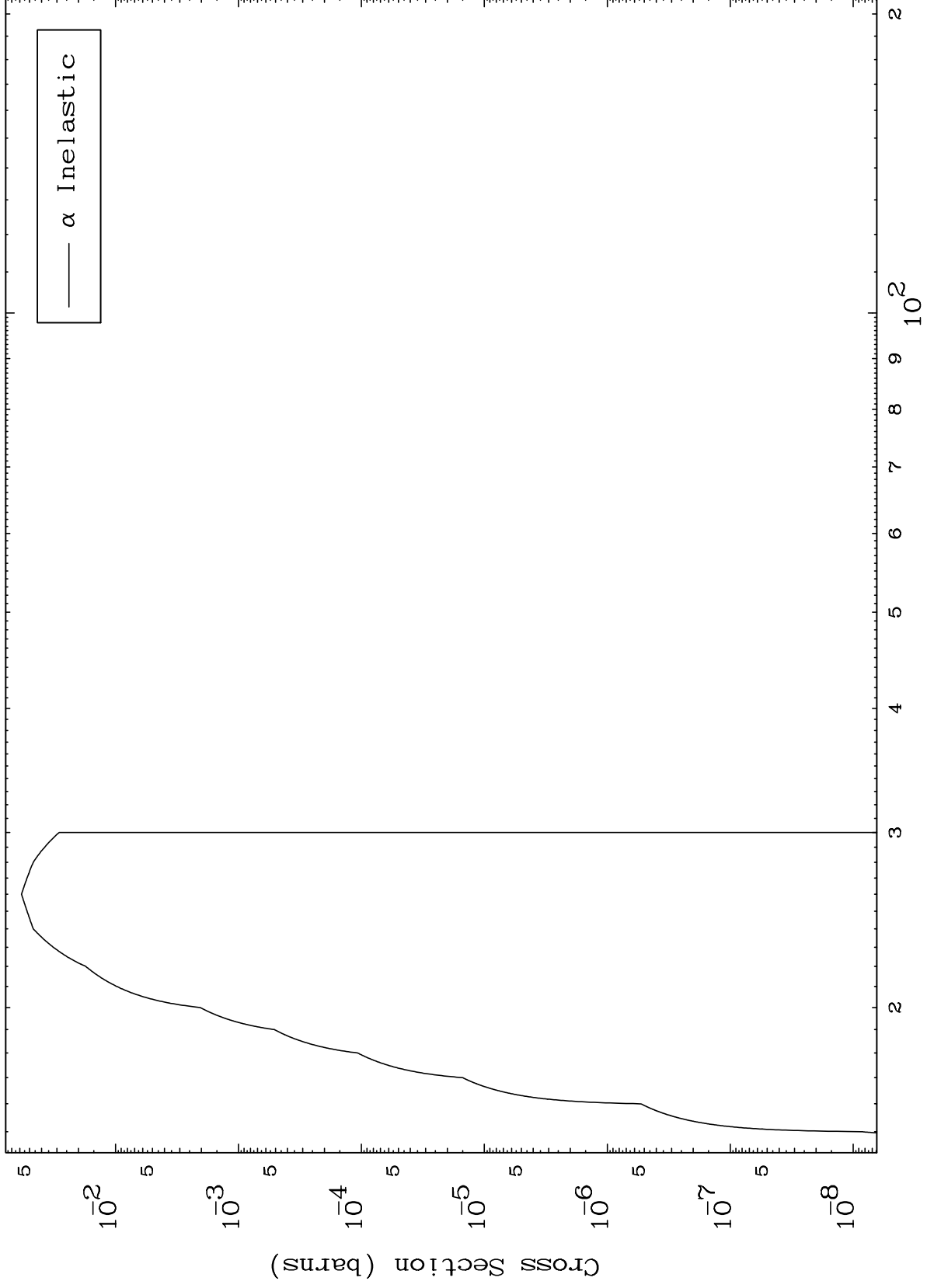
α Charged Particle

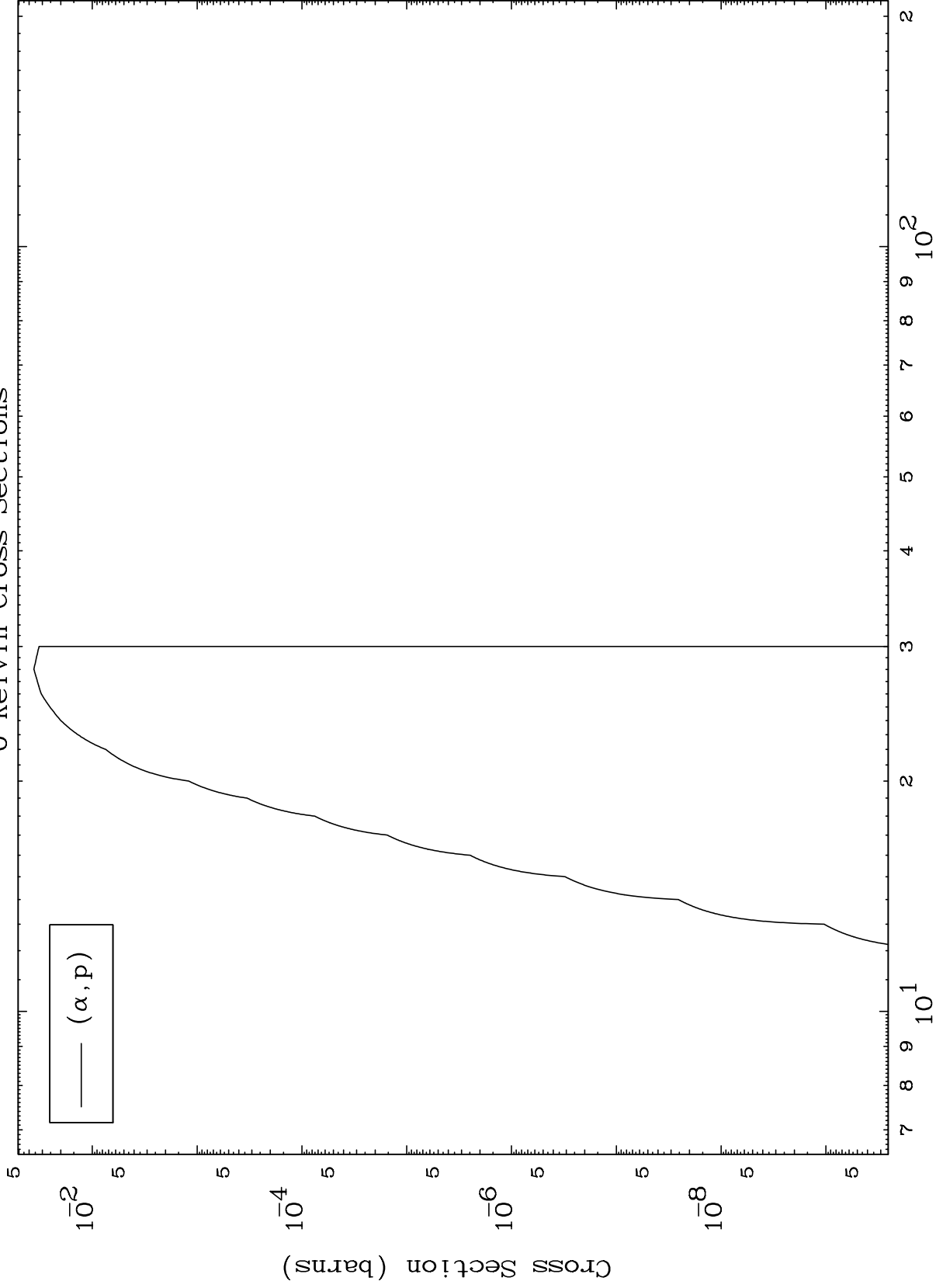
81-Tl-188

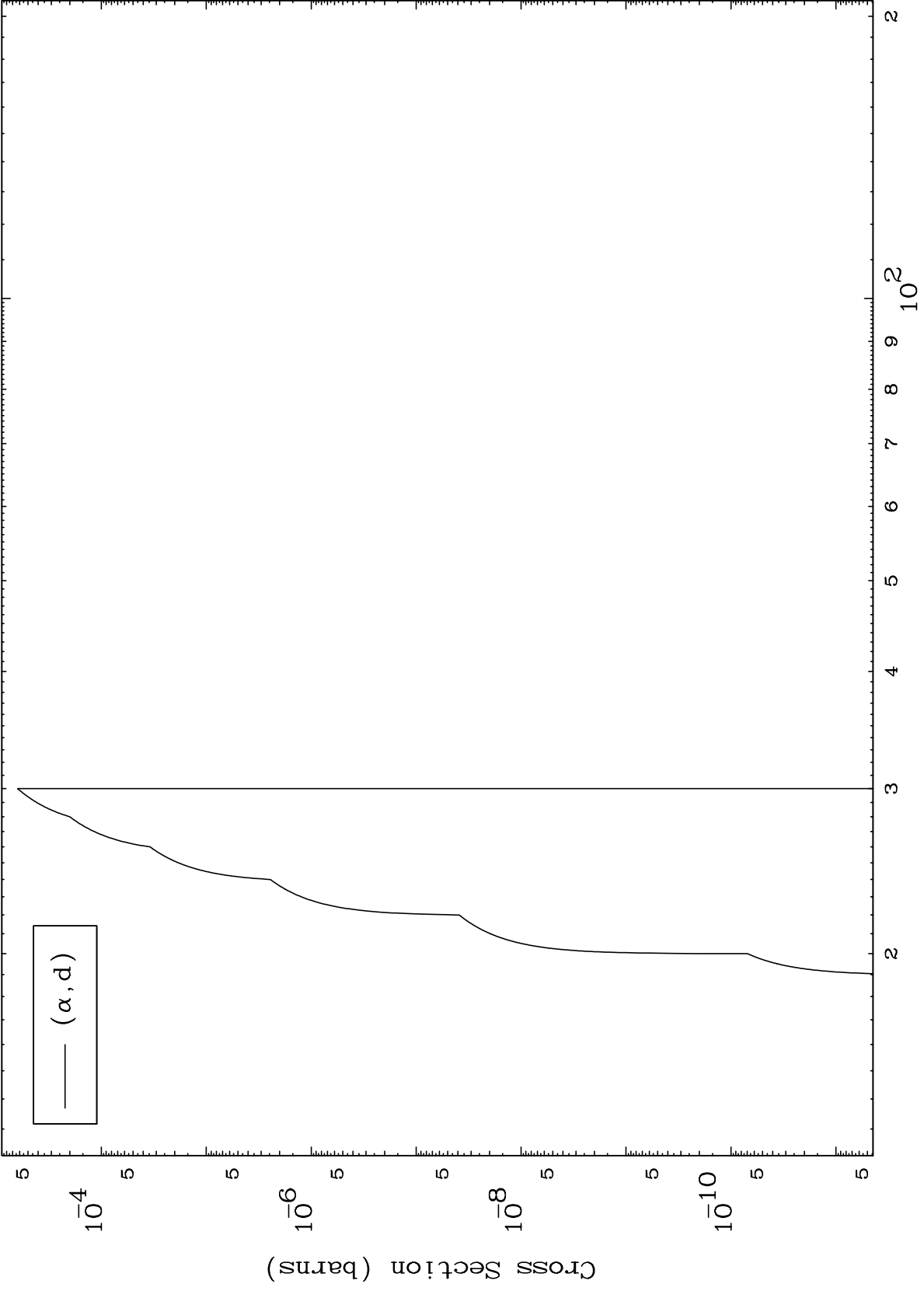
0 Kelvin Cross Sections

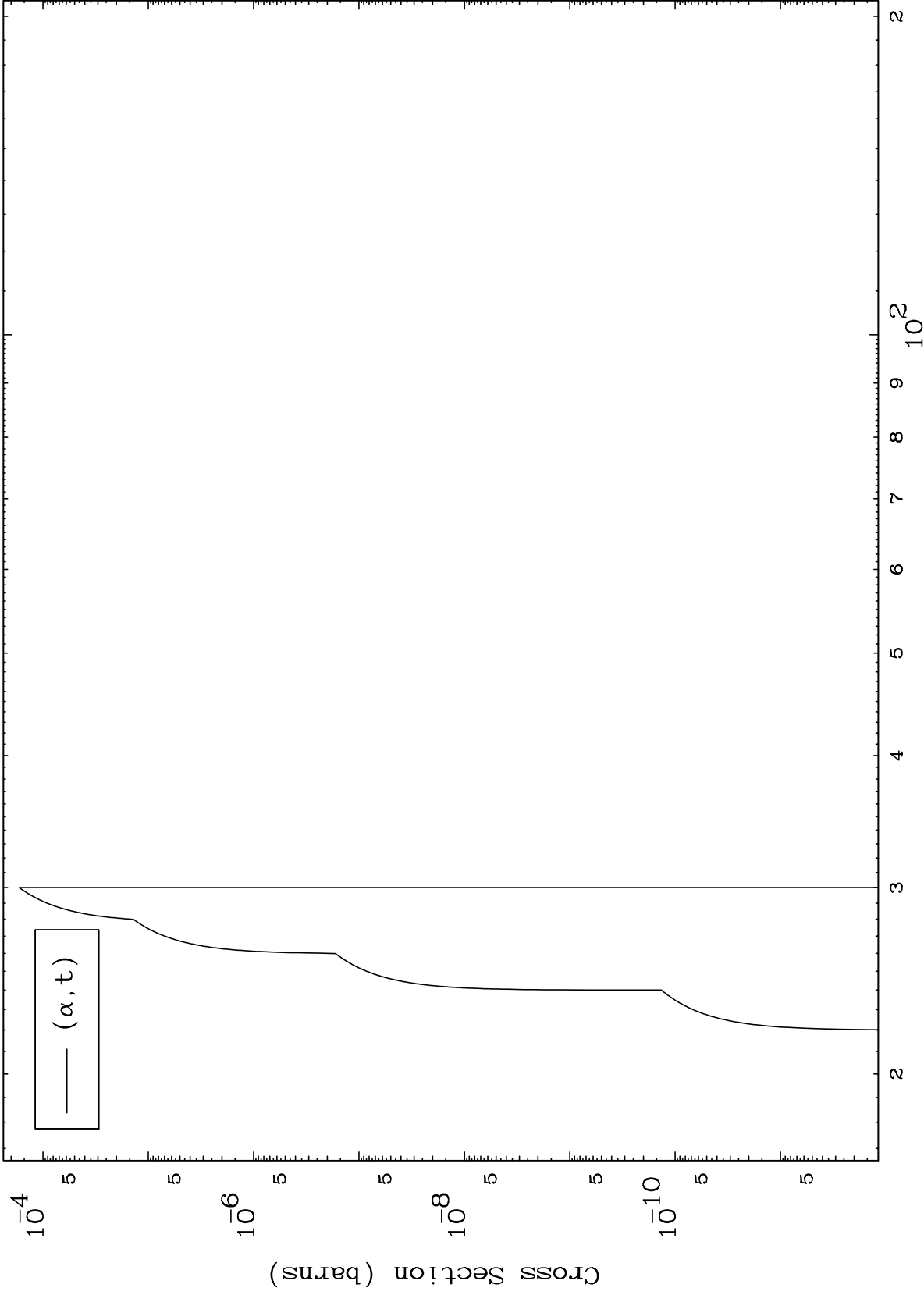


0 Kelvin Cross Sections





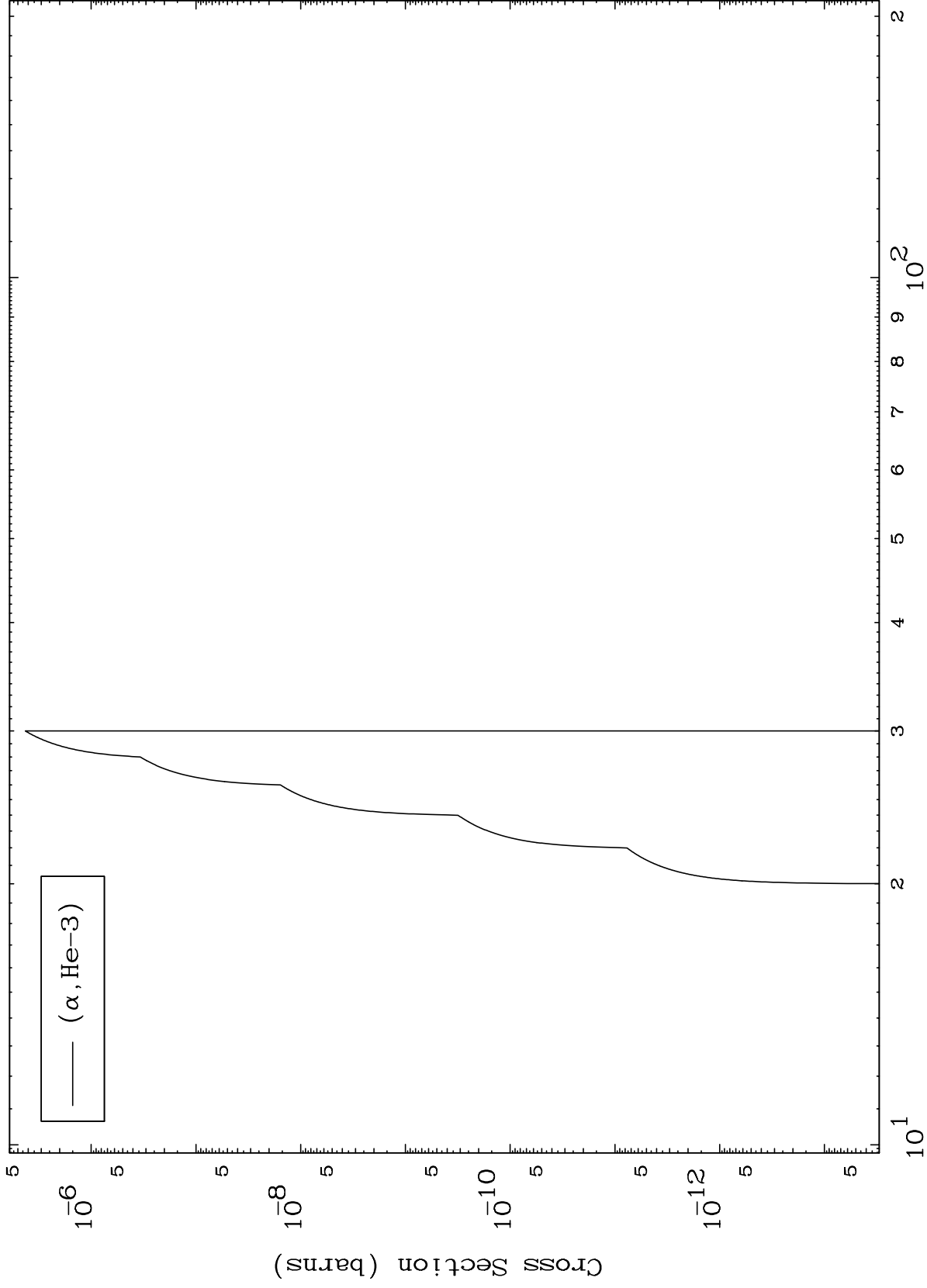




MAT 8081

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

81-T1-188



Incident Energy (MeV)

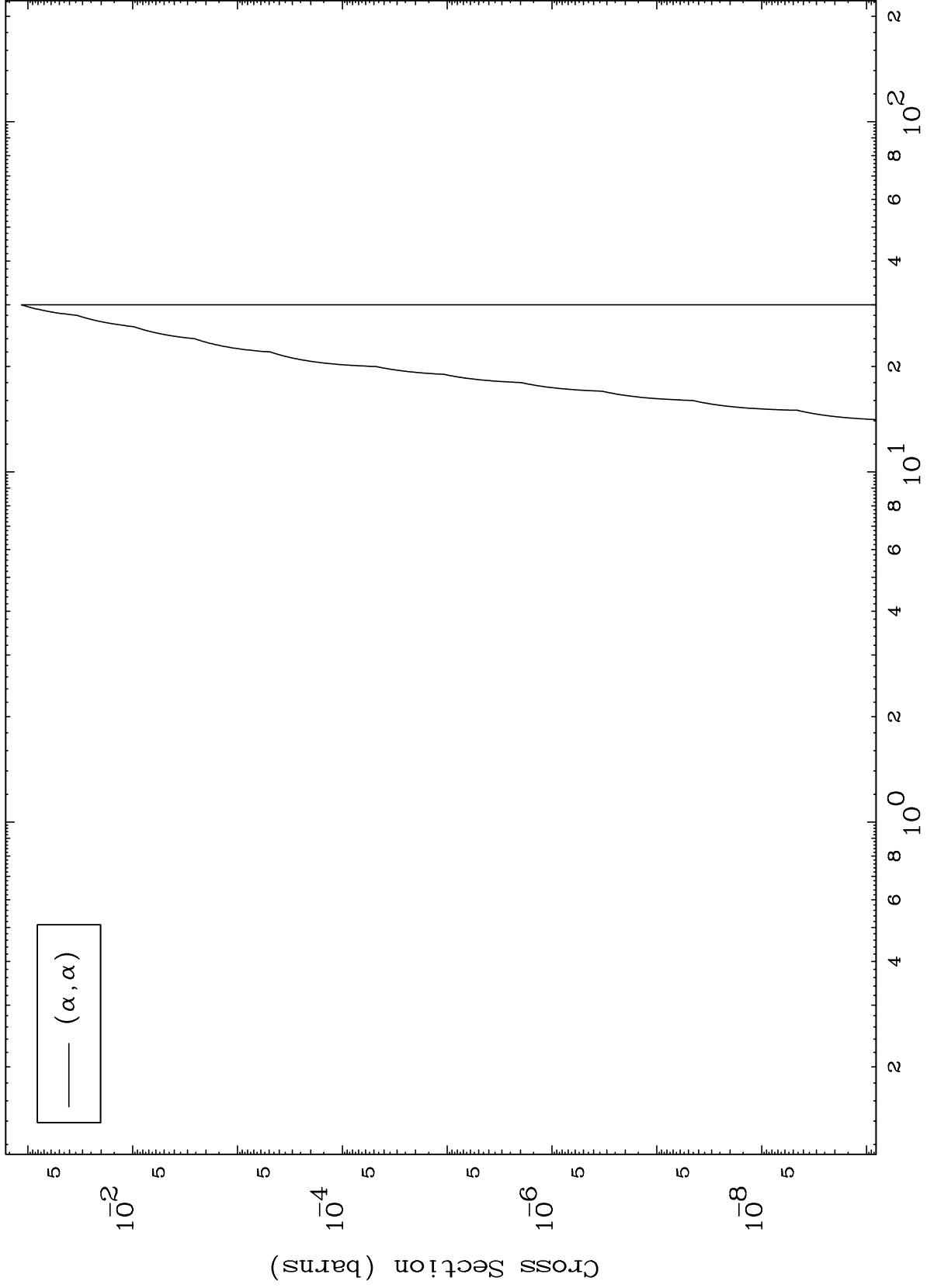
81-T1-188

MAT 8081

(α, α) Levels

81-Tl-188

0 Kelvin Cross Sections

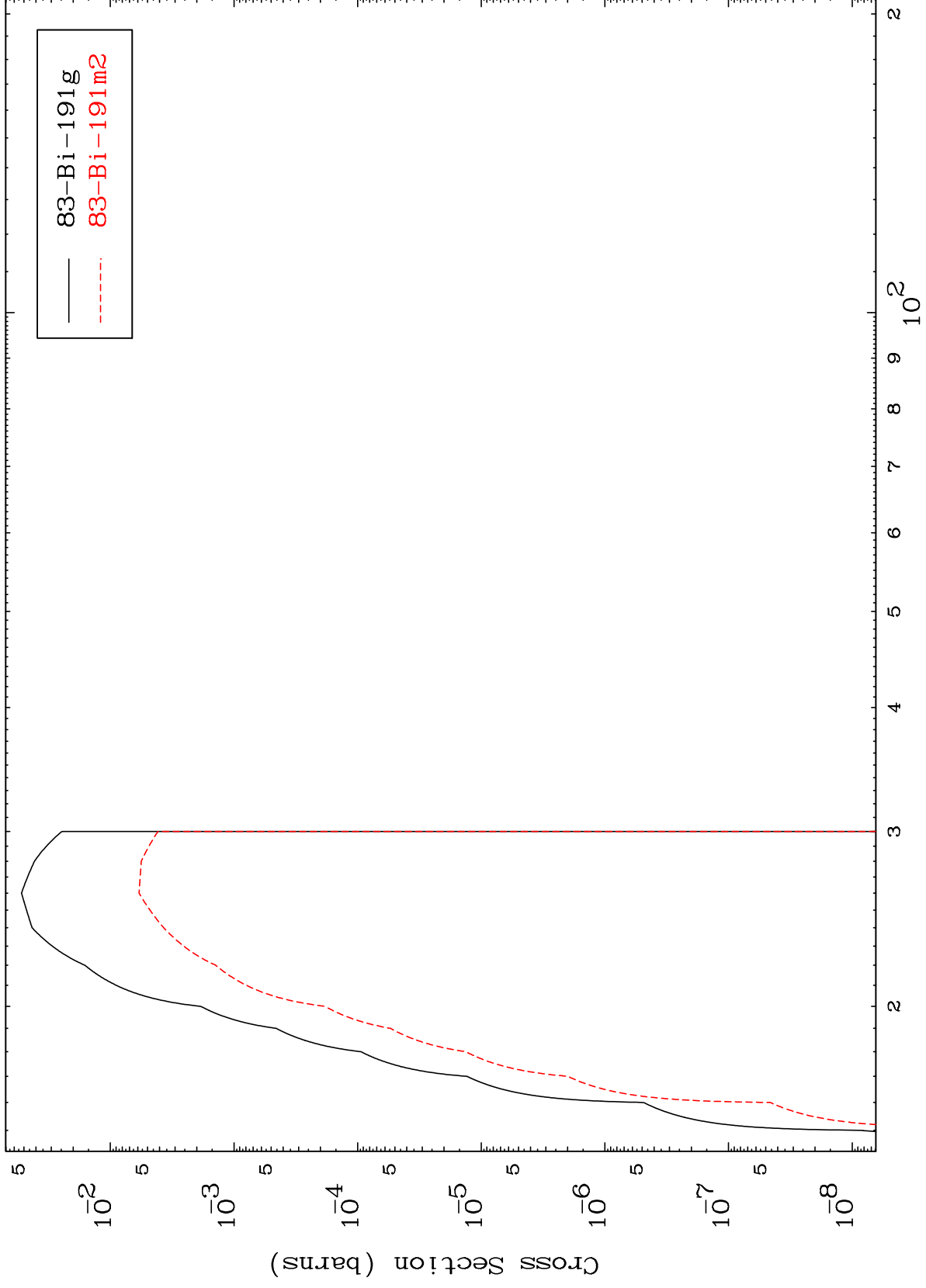


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Incident Energy (MeV)

81-Tl-188

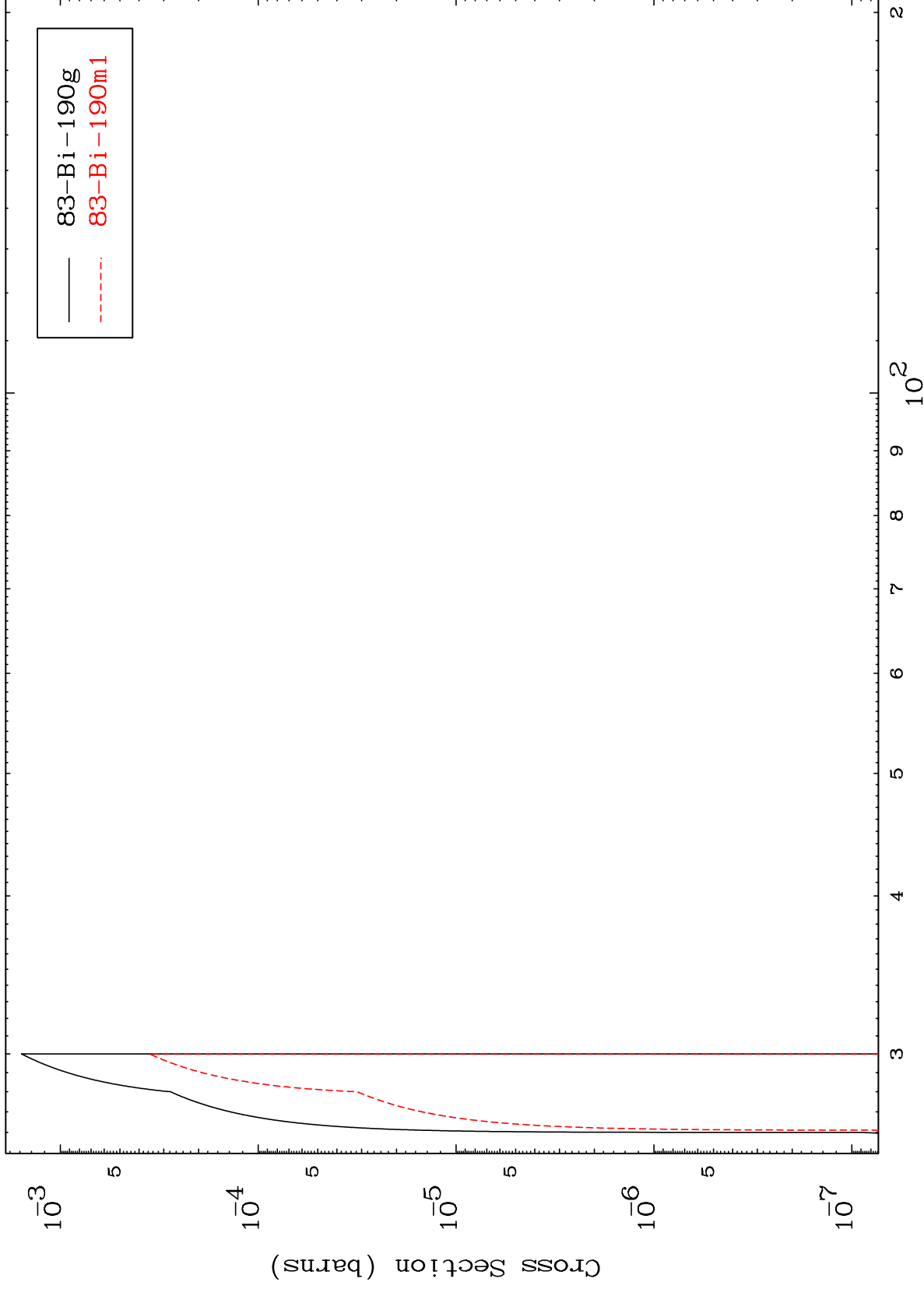
Radionuclide Production Cross Section



MAT 8081

81-Tl-188

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



12

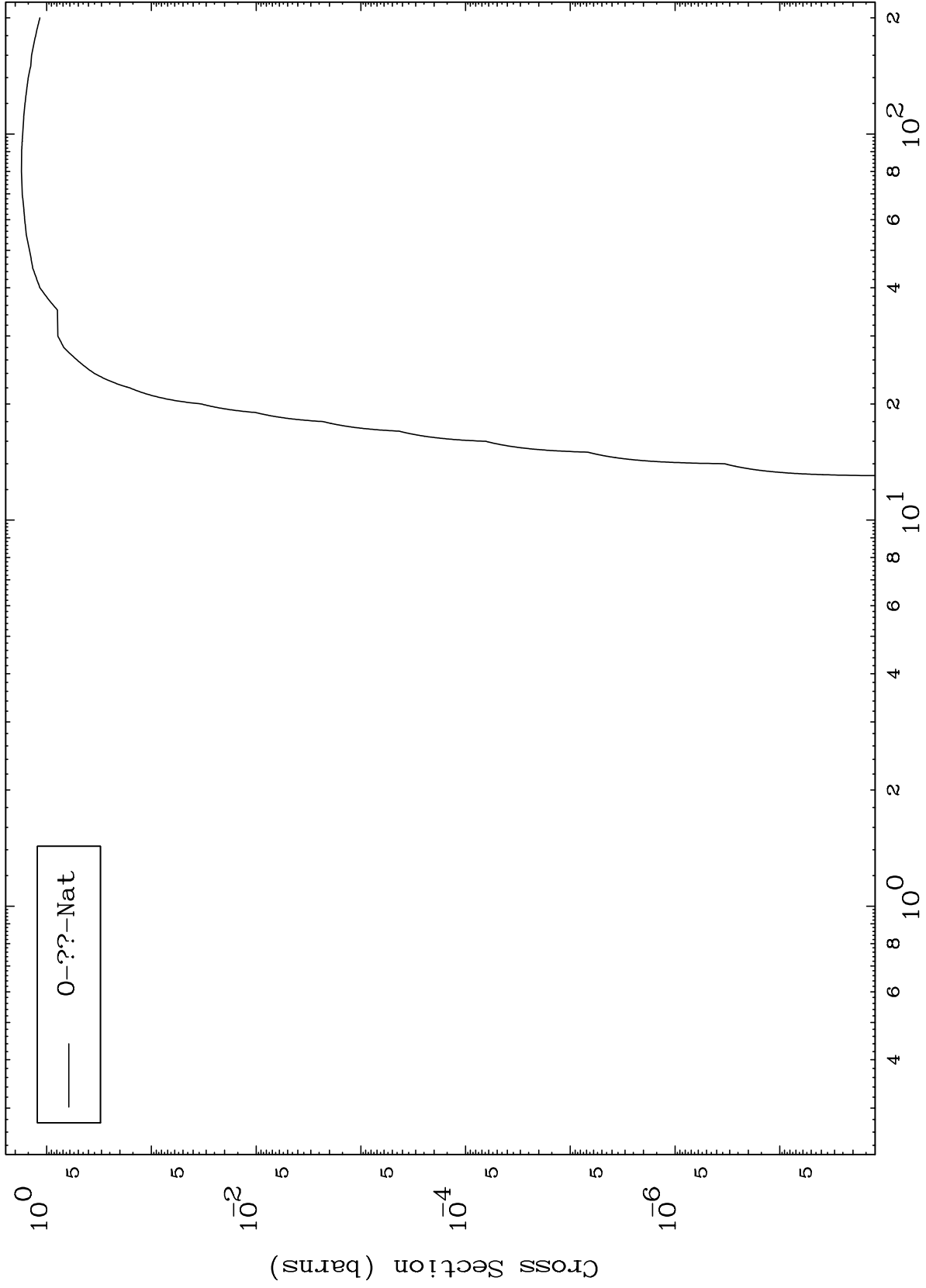
Incident Energy (MeV)

81-Tl-188

MAT 8081

81-Tl-188

α Fission
Radionuclide Production Cross Section

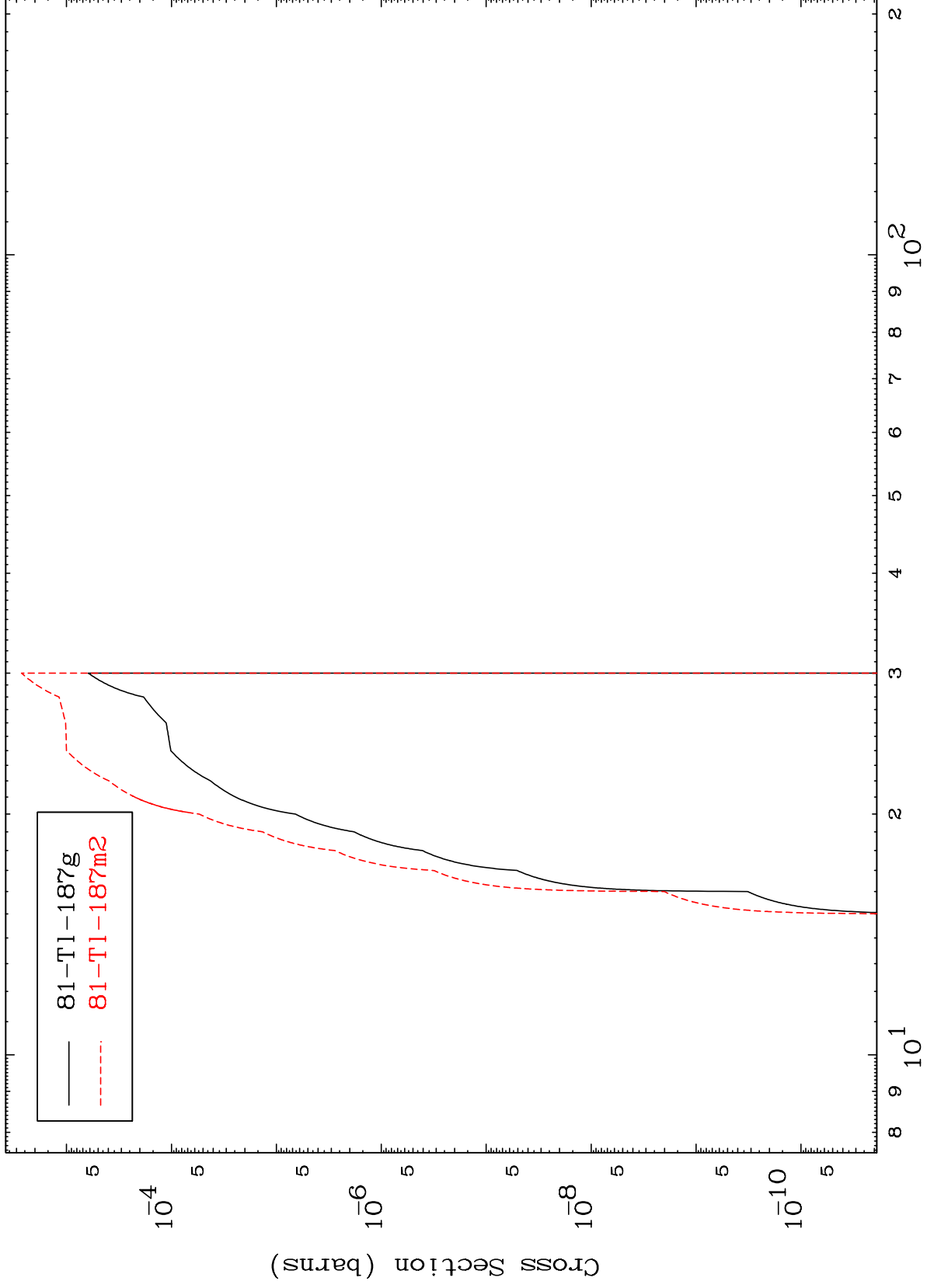


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81-Tl-188

(α, n') α

Radionuclide Production Cross Section



14

Incident Energy (MeV)

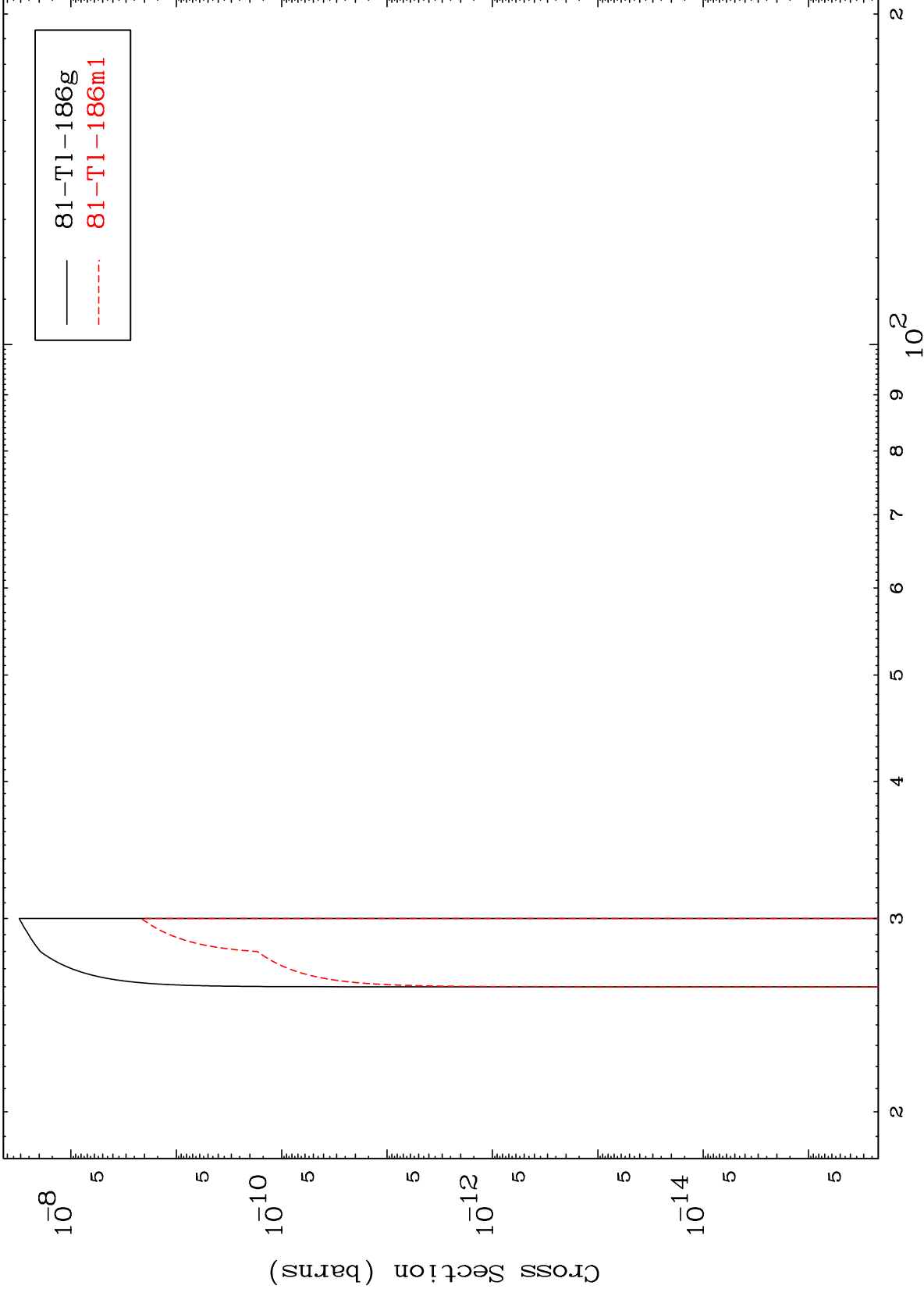
81-Tl-188

MAT 8081

$(\alpha, 2n) \alpha$

81-Tl-188

Radionuclide Production Cross Section

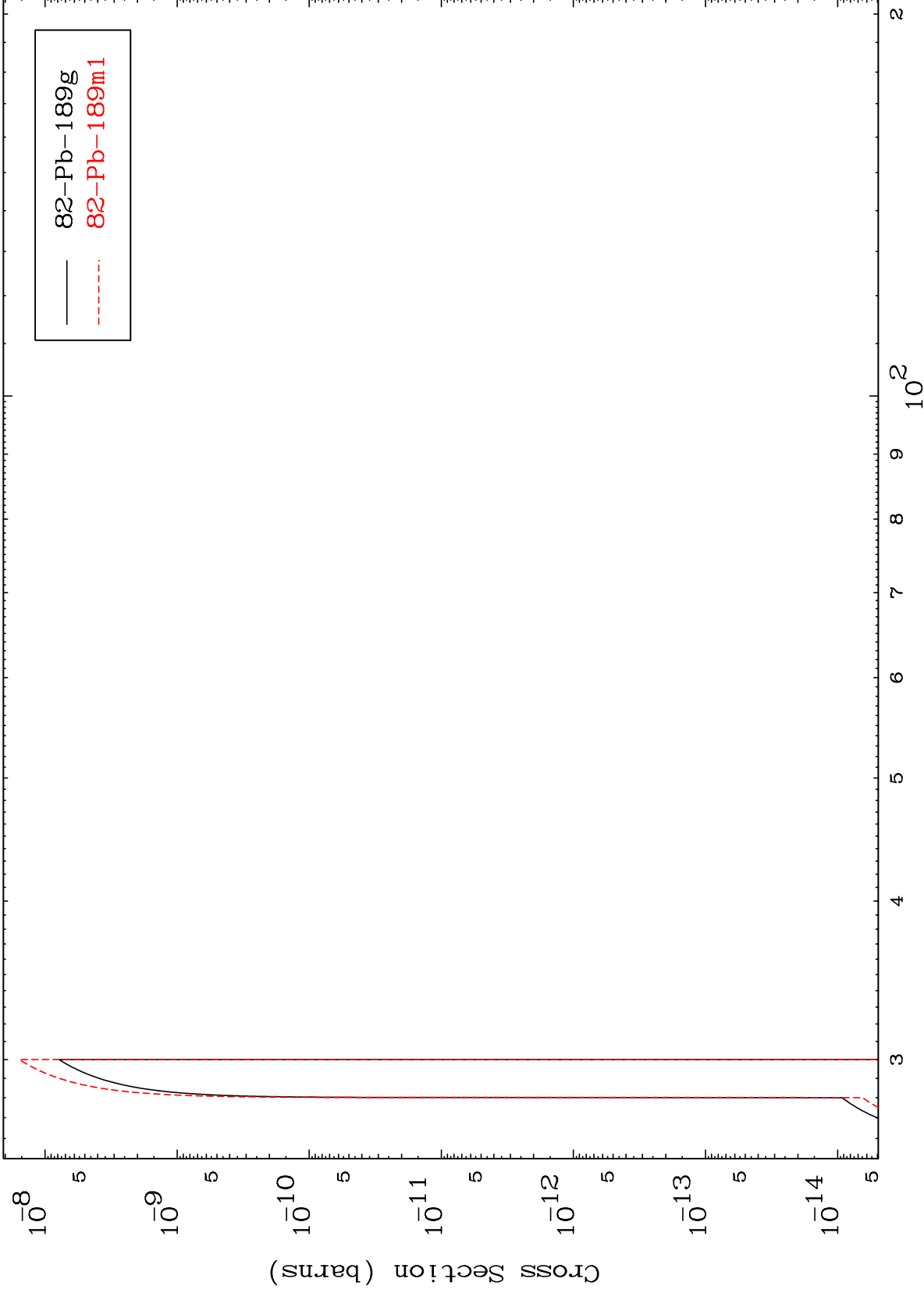


15

Incident Energy (MeV)

81-Tl-188

Radionuclide Production Cross Section

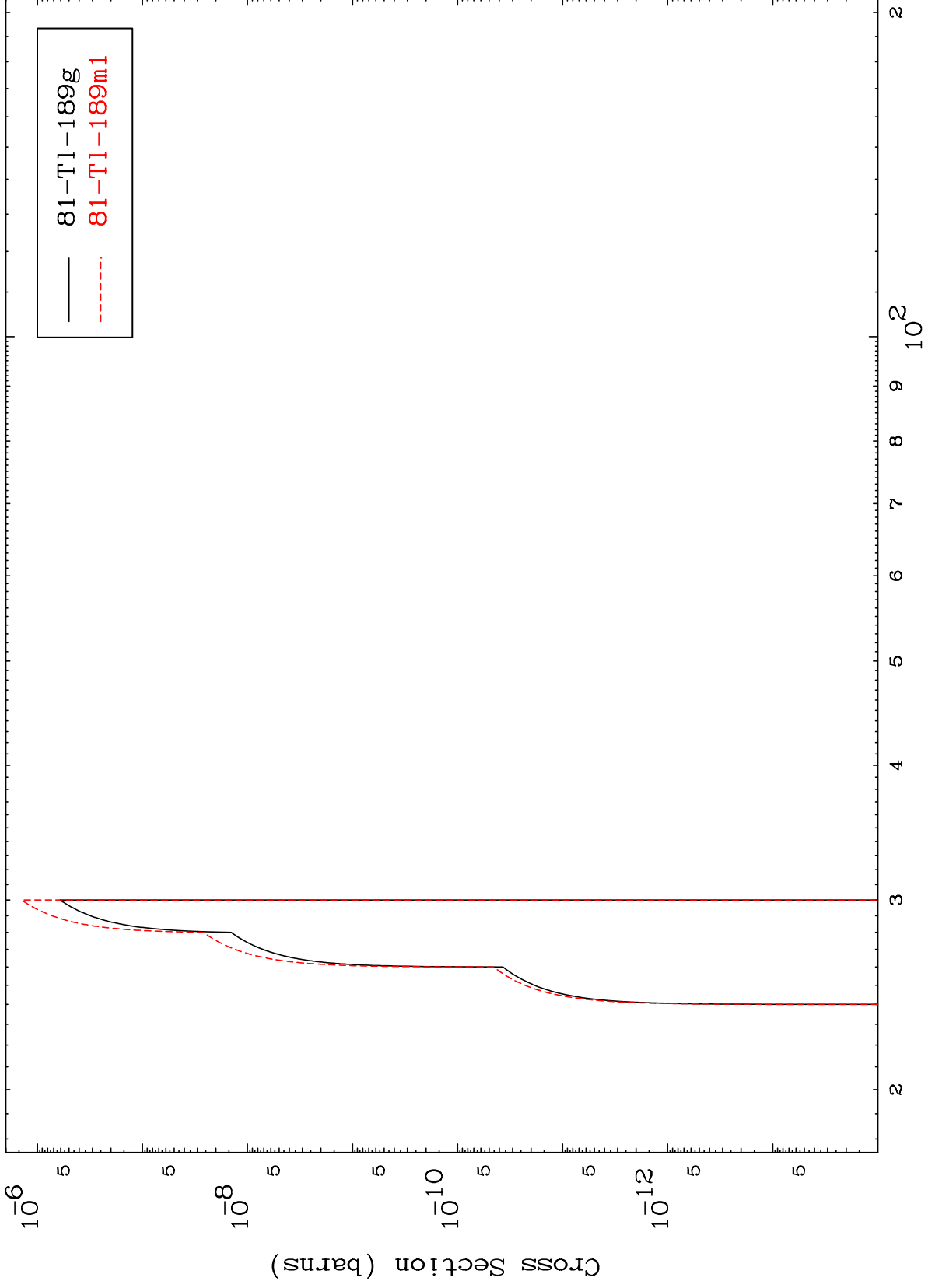


MAT 8081

$(\alpha, 2n)$ p

81-Tl-188

Radionuclide Production Cross Section



17

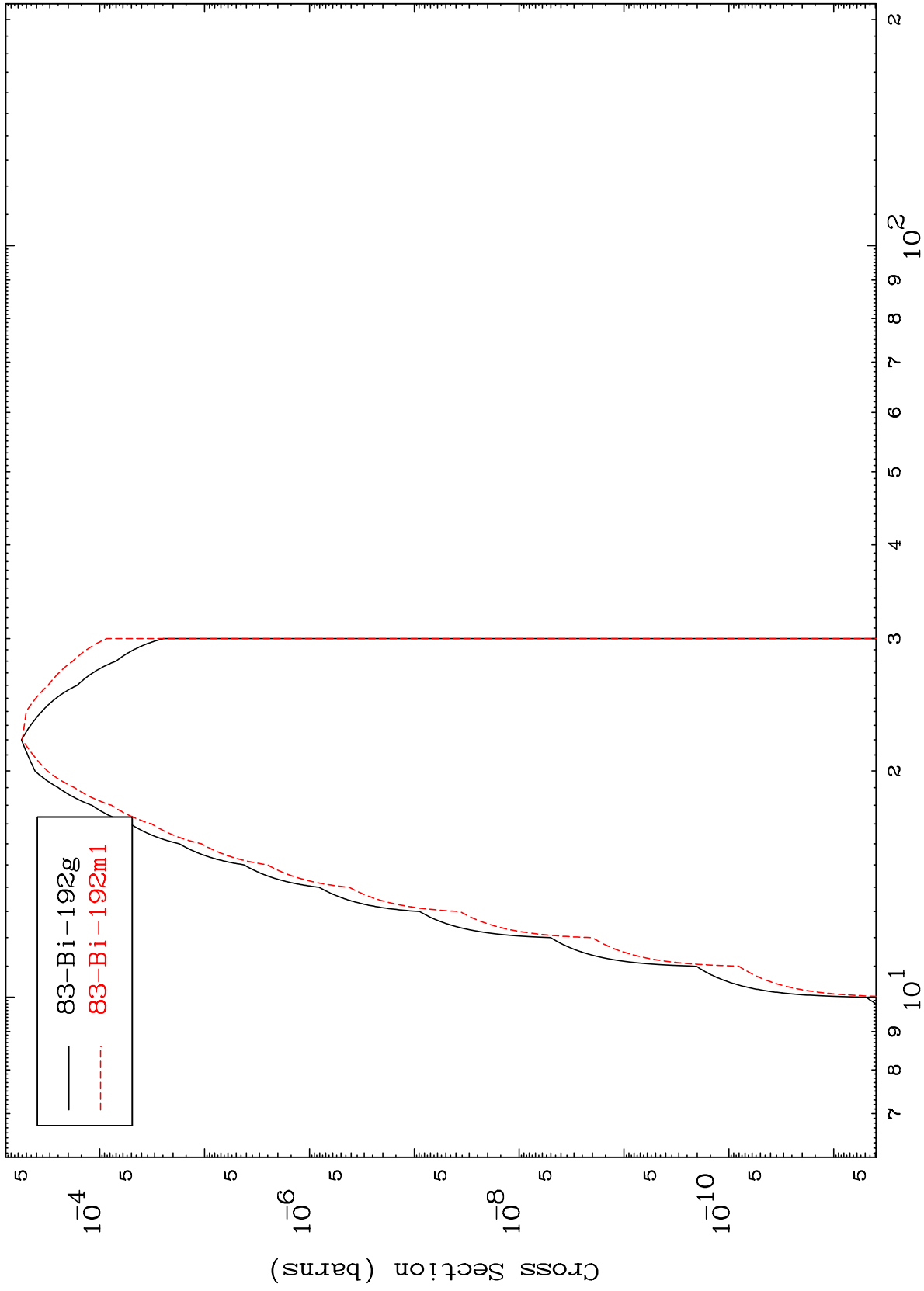
Incident Energy (MeV)

81-Tl-188

MAT 8081

81-Tl-188

(α, γ)
Radionuclide Production Cross Section



18

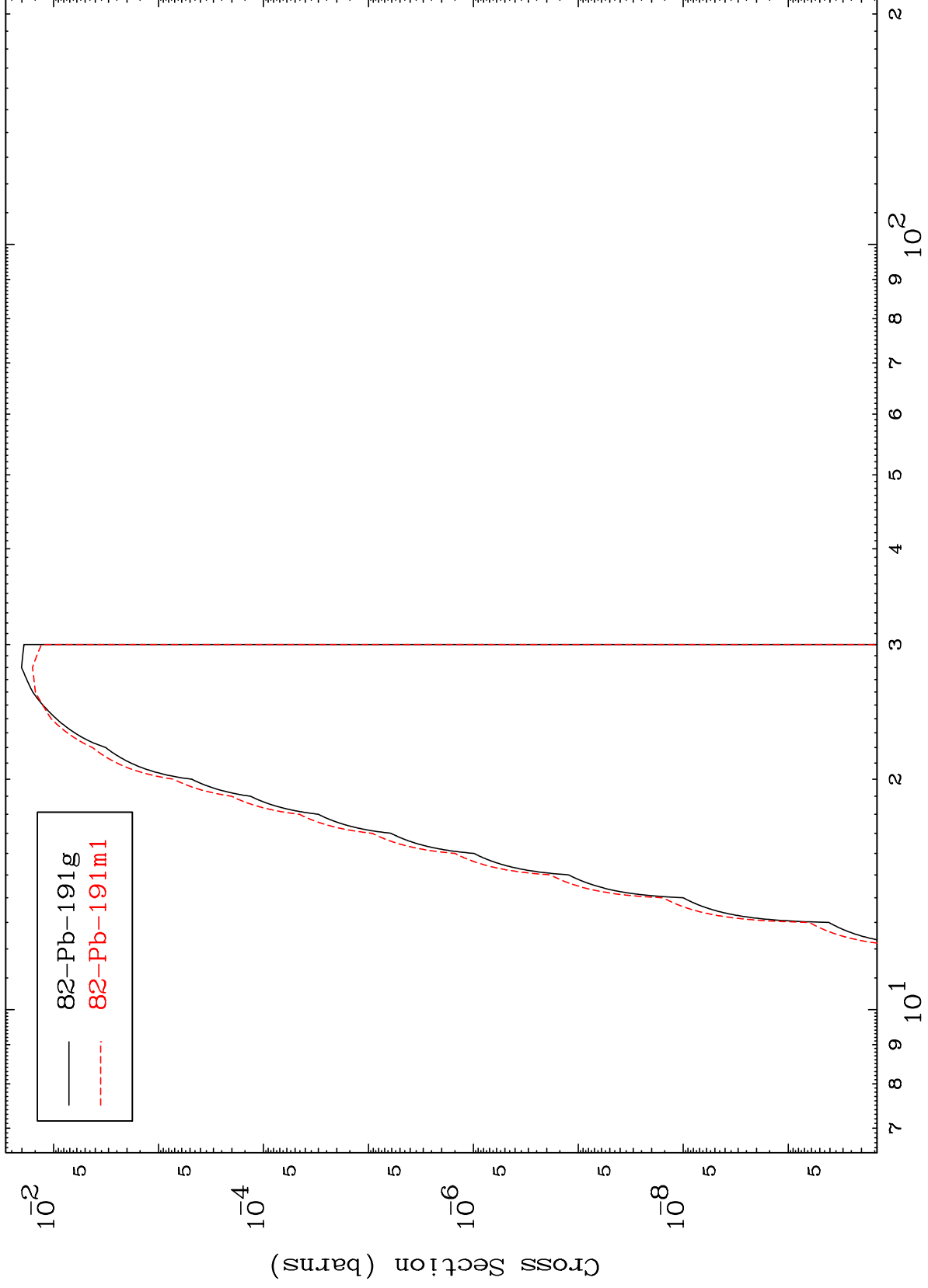
Incident Energy (MeV)

81-Tl-188

MAT 8081

81-Tl-188

(α, p)
Radionuclide Production Cross Section

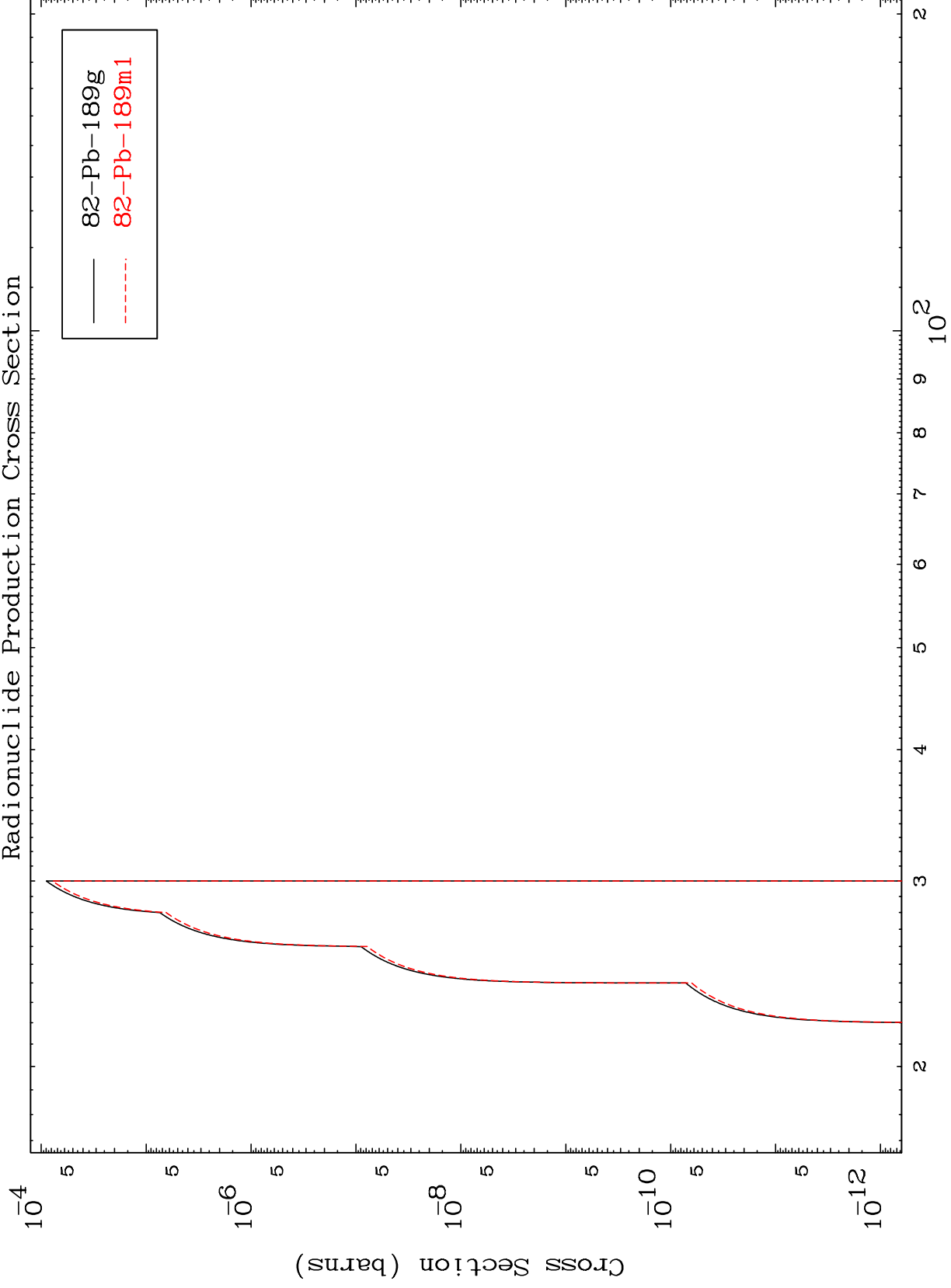


19

Incident Energy (MeV)

81-Tl-188

(α, t)
Radionuclide Production Cross Section

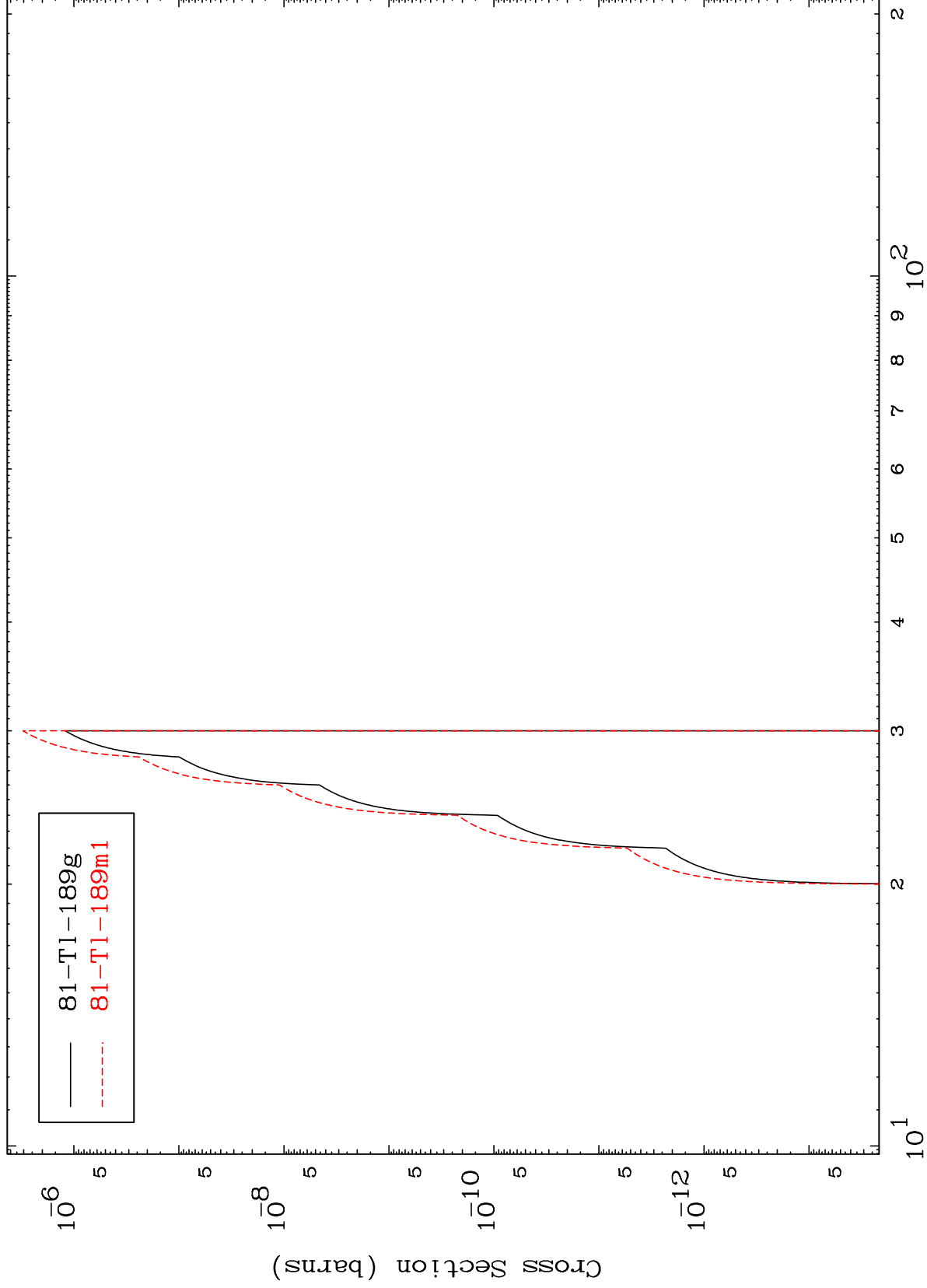


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($\alpha, \text{He-3}$)

81-Tl-188

Radionuclide Production Cross Section



Incident Energy (MeV)

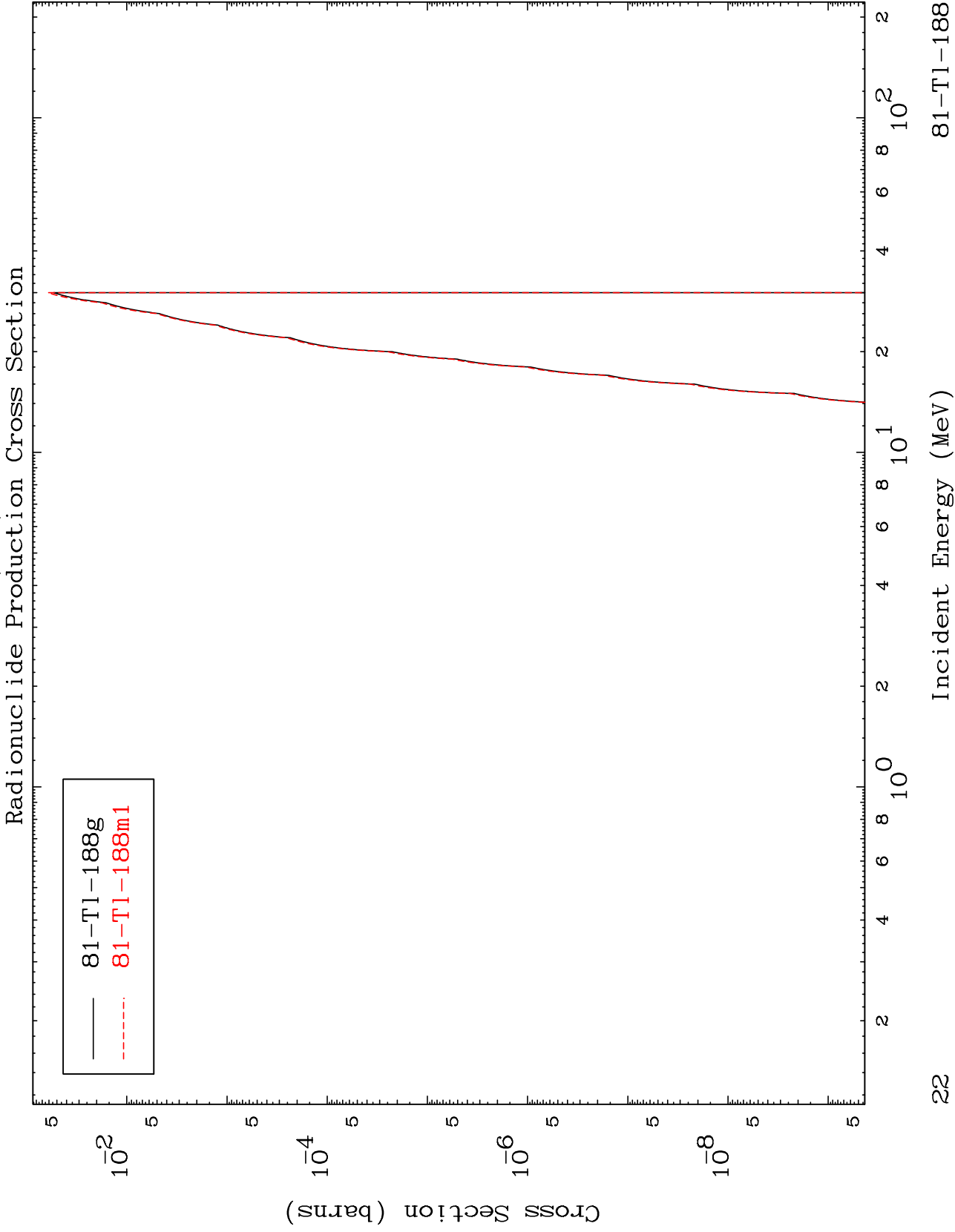
81-Tl-188

21

MAT 8081

81-Tl-188

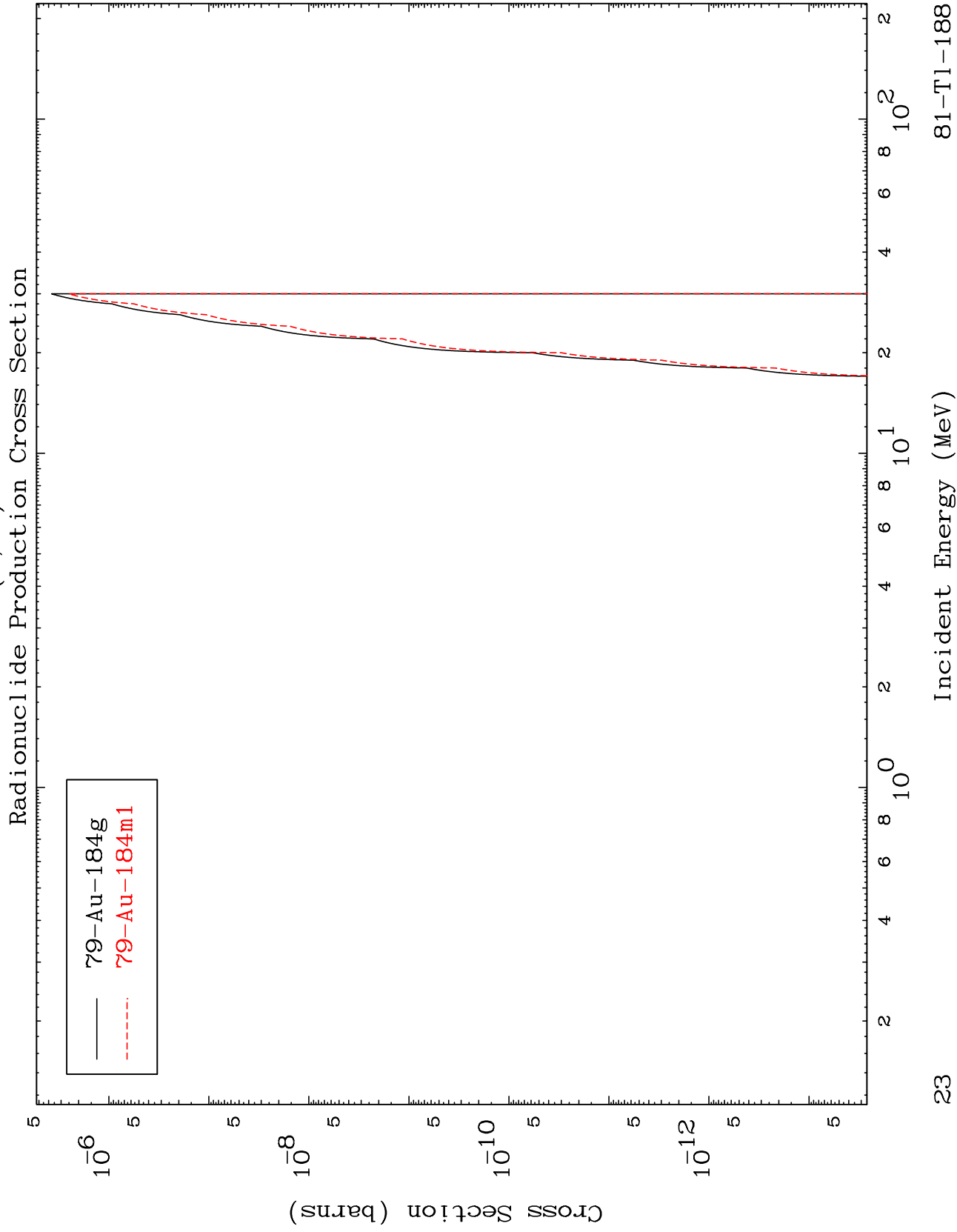
(α, α)



MAT 8081

($\alpha, 2\alpha$)

81-Tl-188

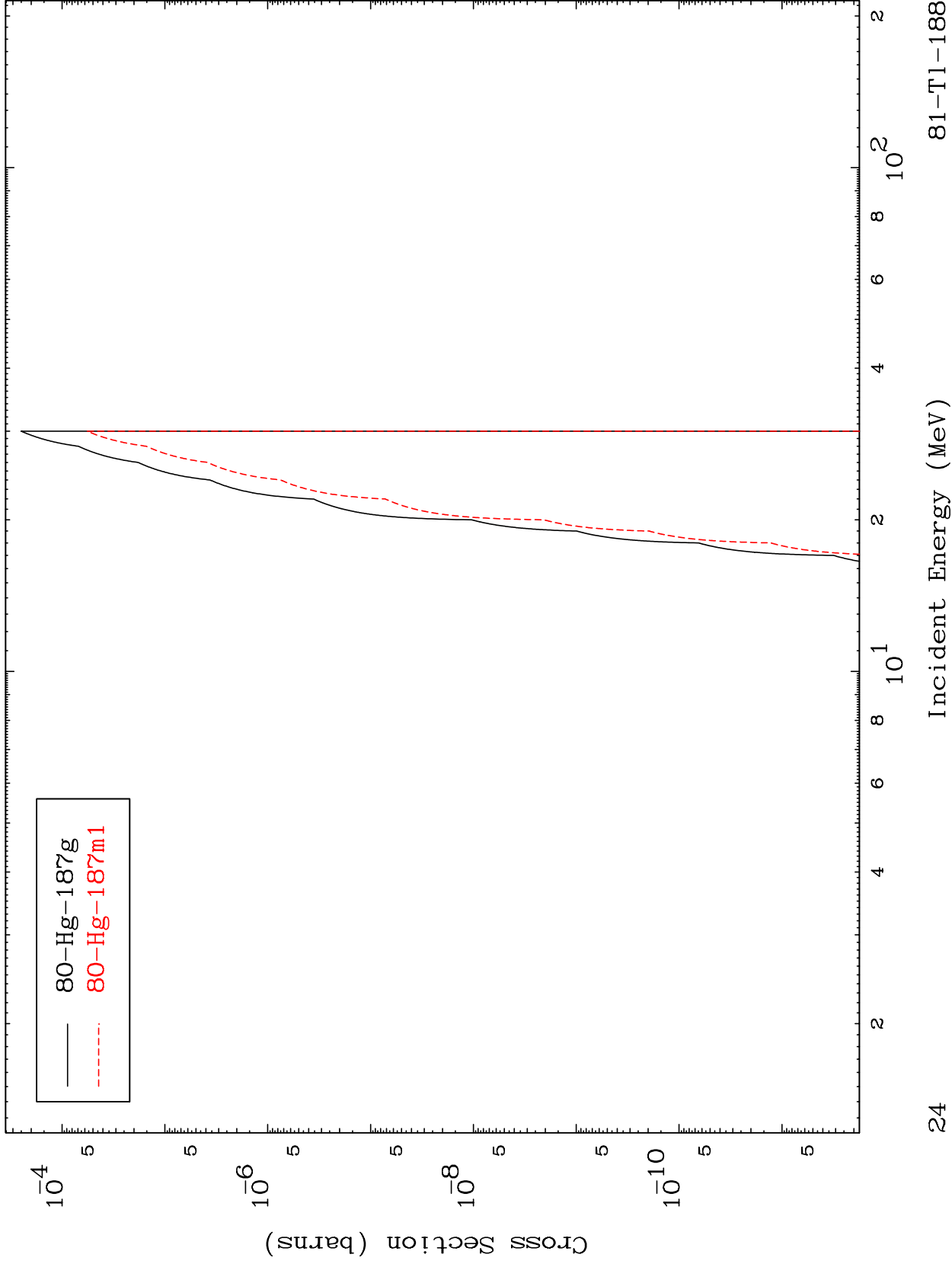


MAT 8081

(α, p) α

81-Tl-188

Radionuclide Production Cross Section

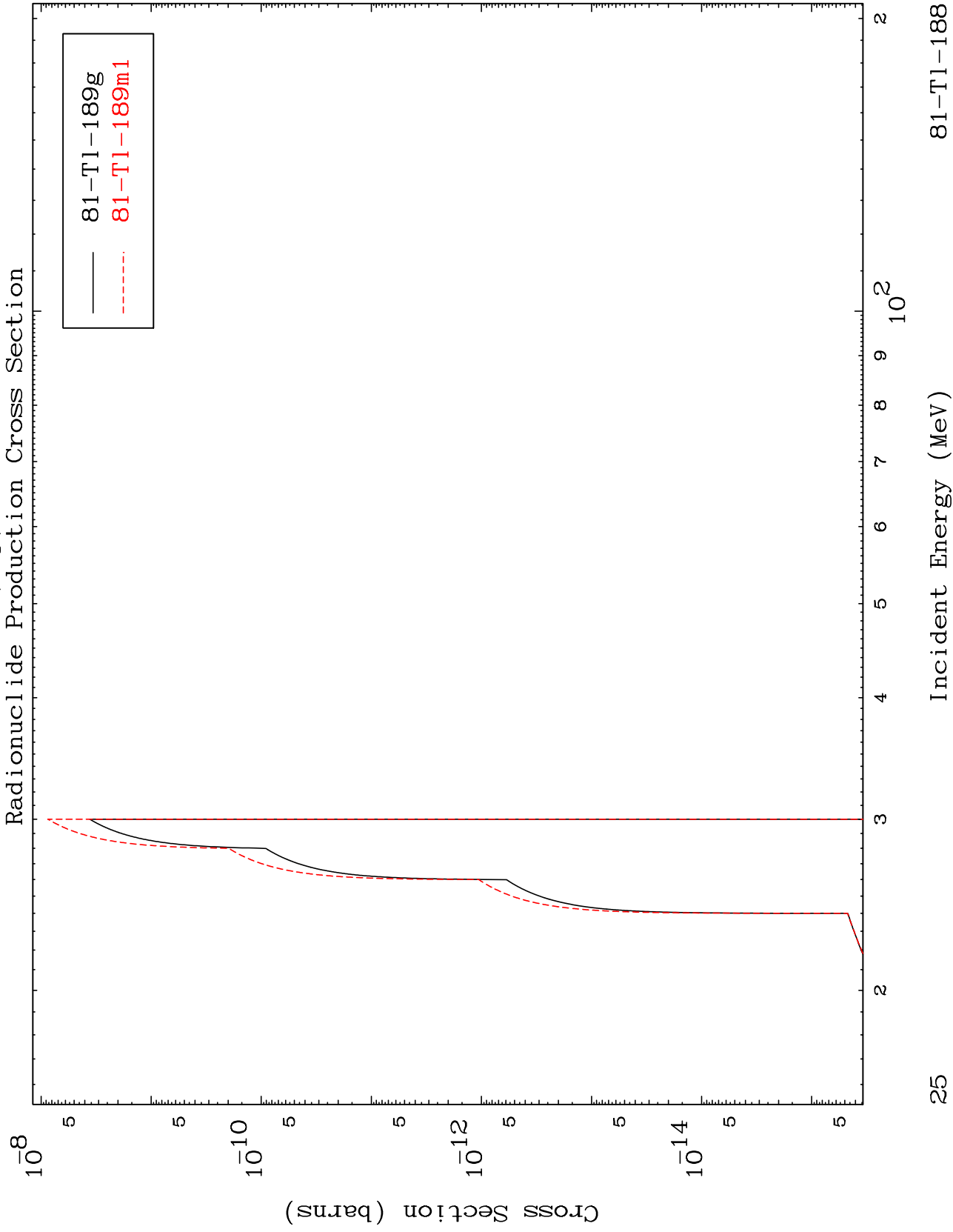


80-Hg-187g
80-Hg-187m1

MAT 8081

(α, p) d

81-Tl-188



25

81-Tl-188