

Program EVALPLOT
(Version 2018-1)

by

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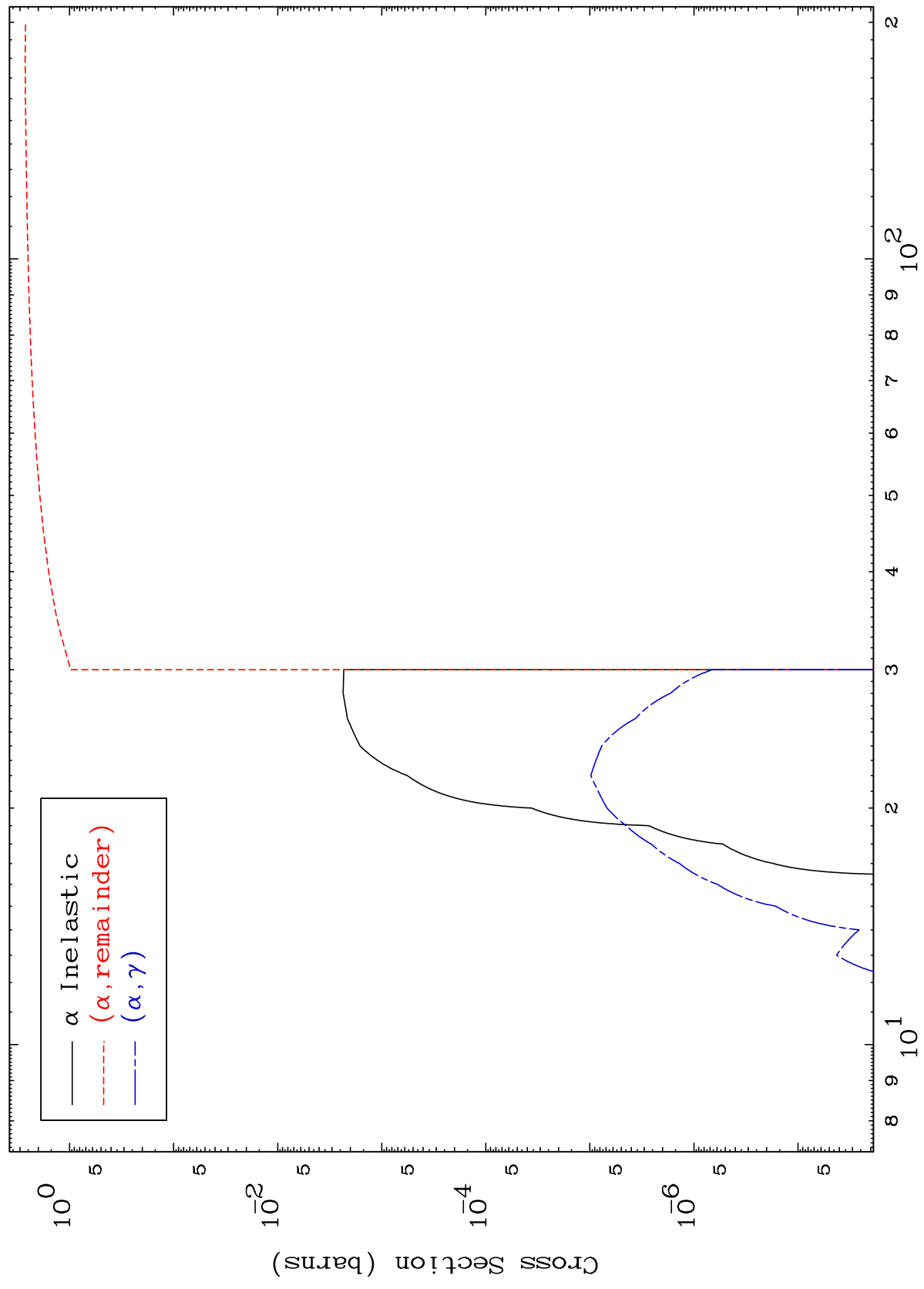
Press Mouse Button to Start

MAT 8174

0 Kelvin

α Major Cross Sections

82-Pb-187



82-Pb-187

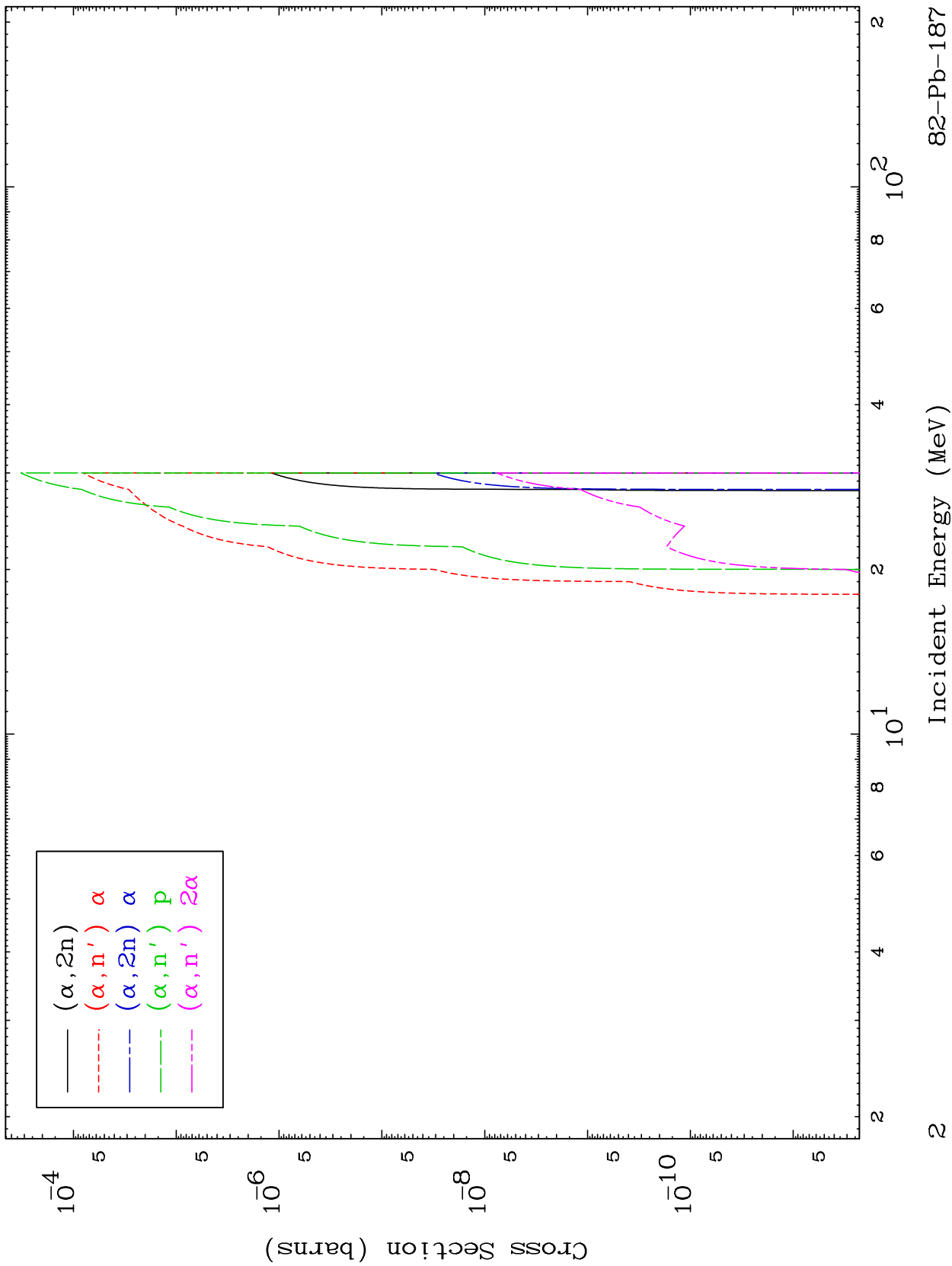
Incident Energy (MeV)

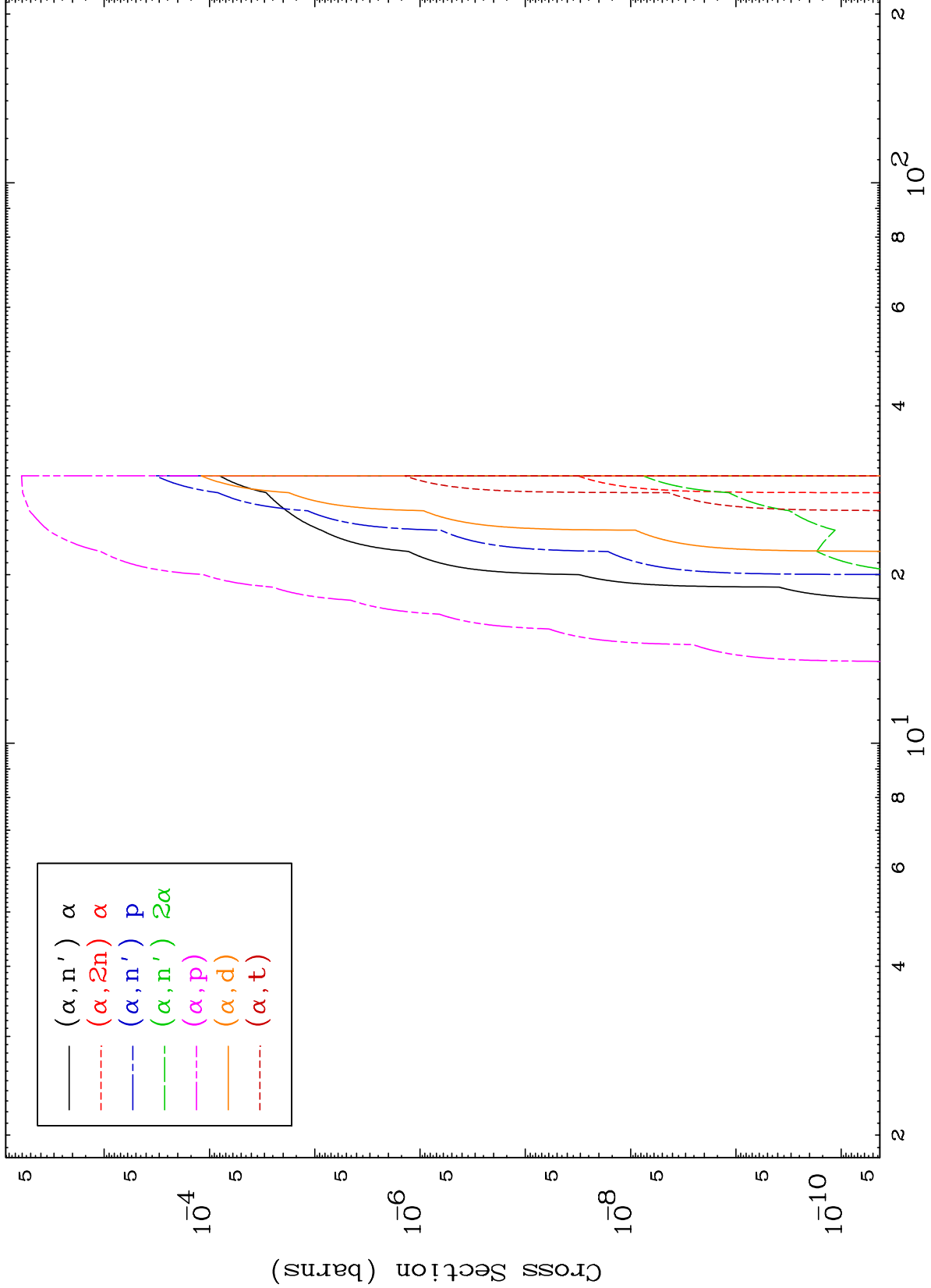
1

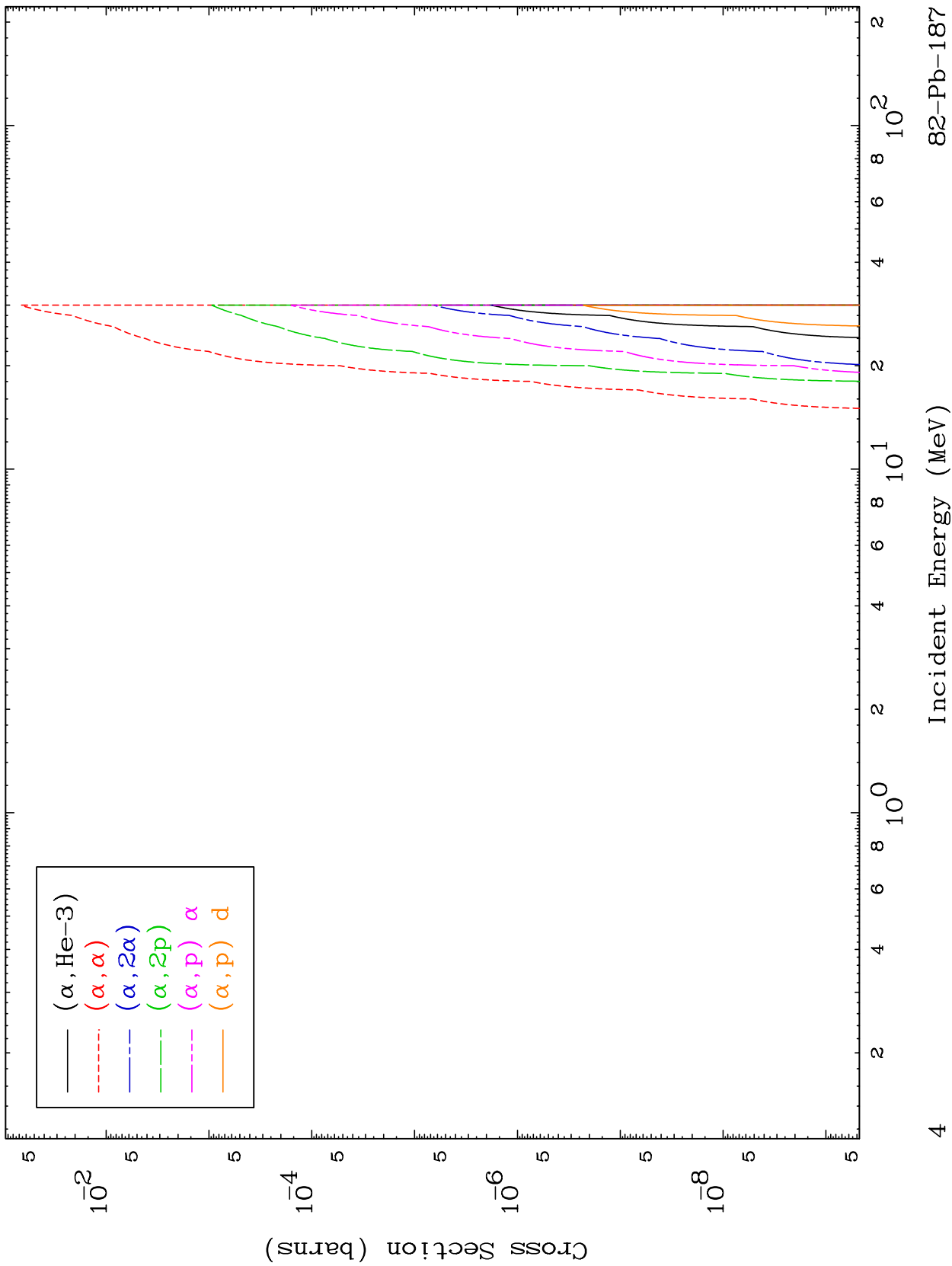
MAT 8174

α Neutron Production
0 Kelvin Cross Sections

82-Pb-187





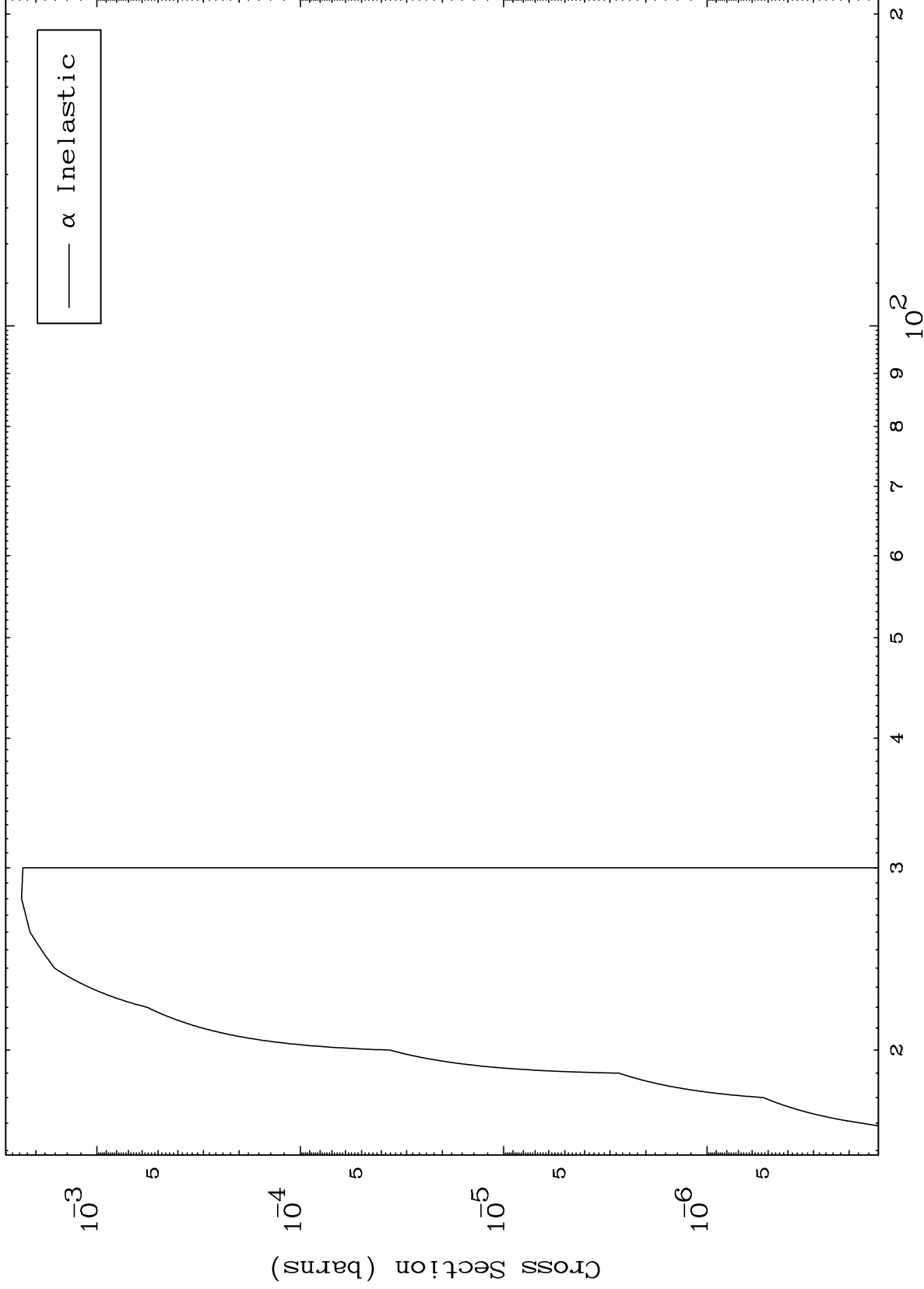


MAT 8174

(α, n') Level

82-Pb-187

0 Kelvin Cross Sections



5

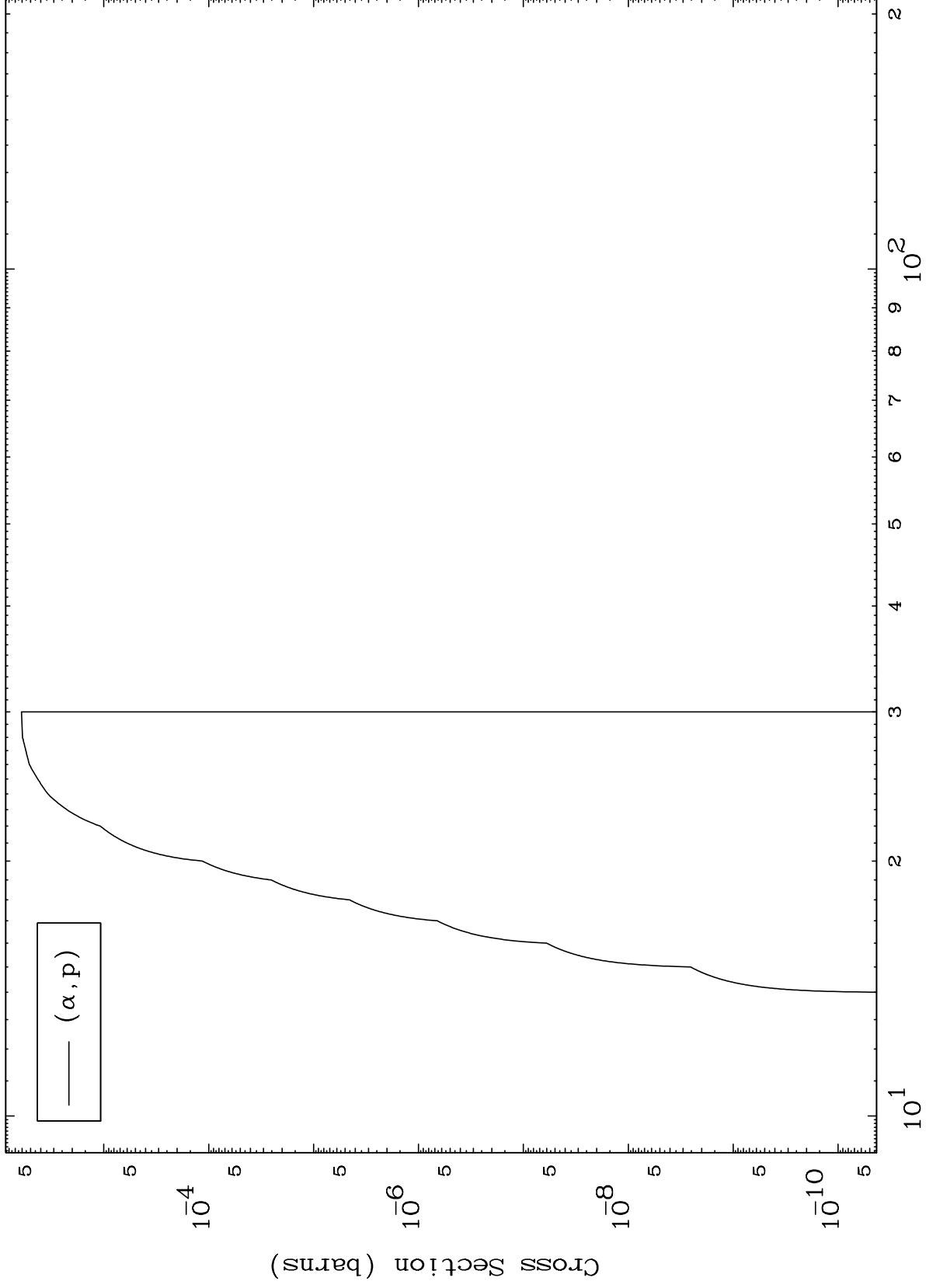
Incident Energy (MeV)

82-Pb-187

MAT 8174

(α, p) Levels
0 Kelvin Cross Sections

82-Pb-187



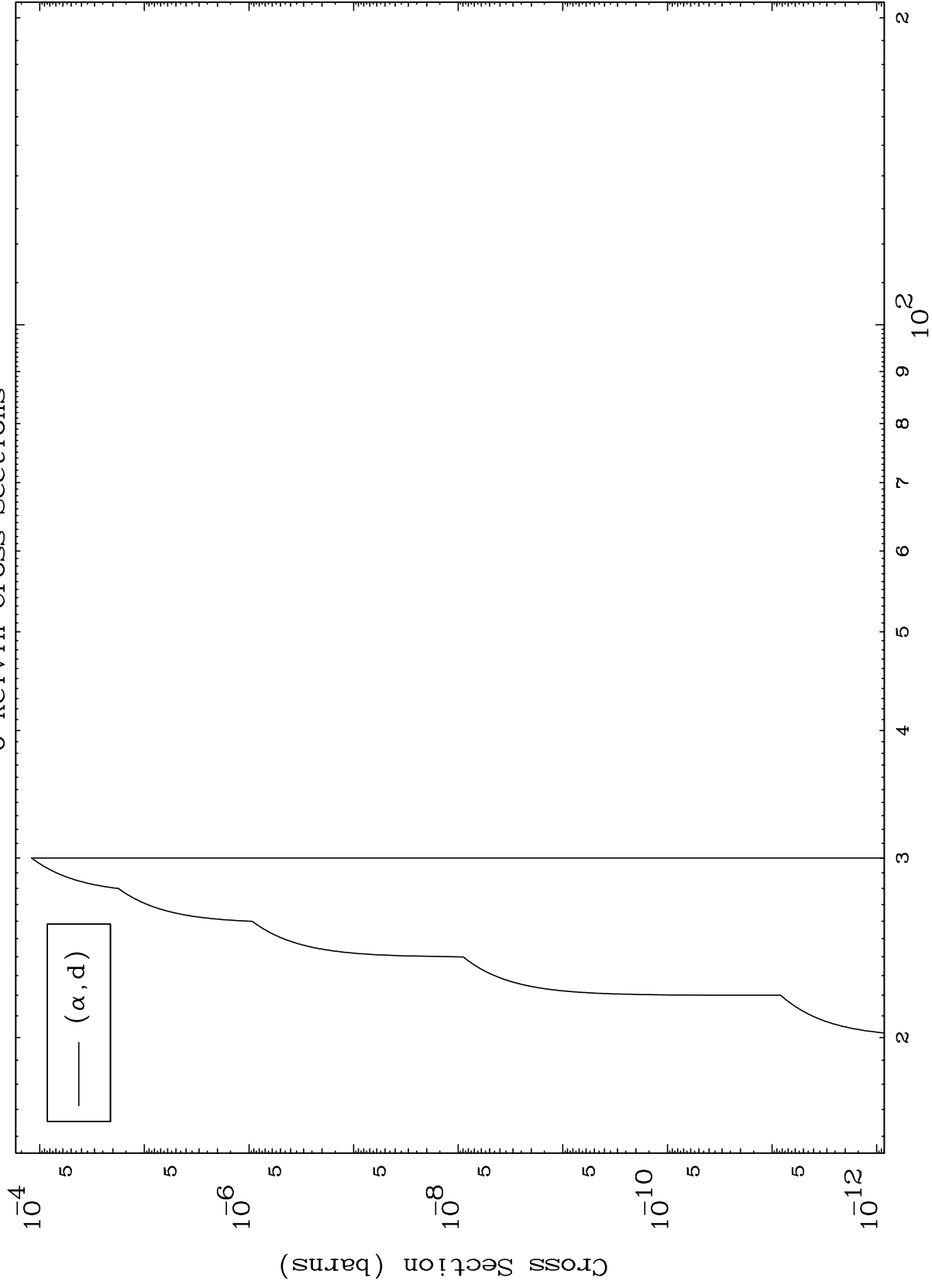
Incident Energy (MeV)

82-Pb-187

MAT 8174

(α, d) Levels
0 Kelvin Cross Sections

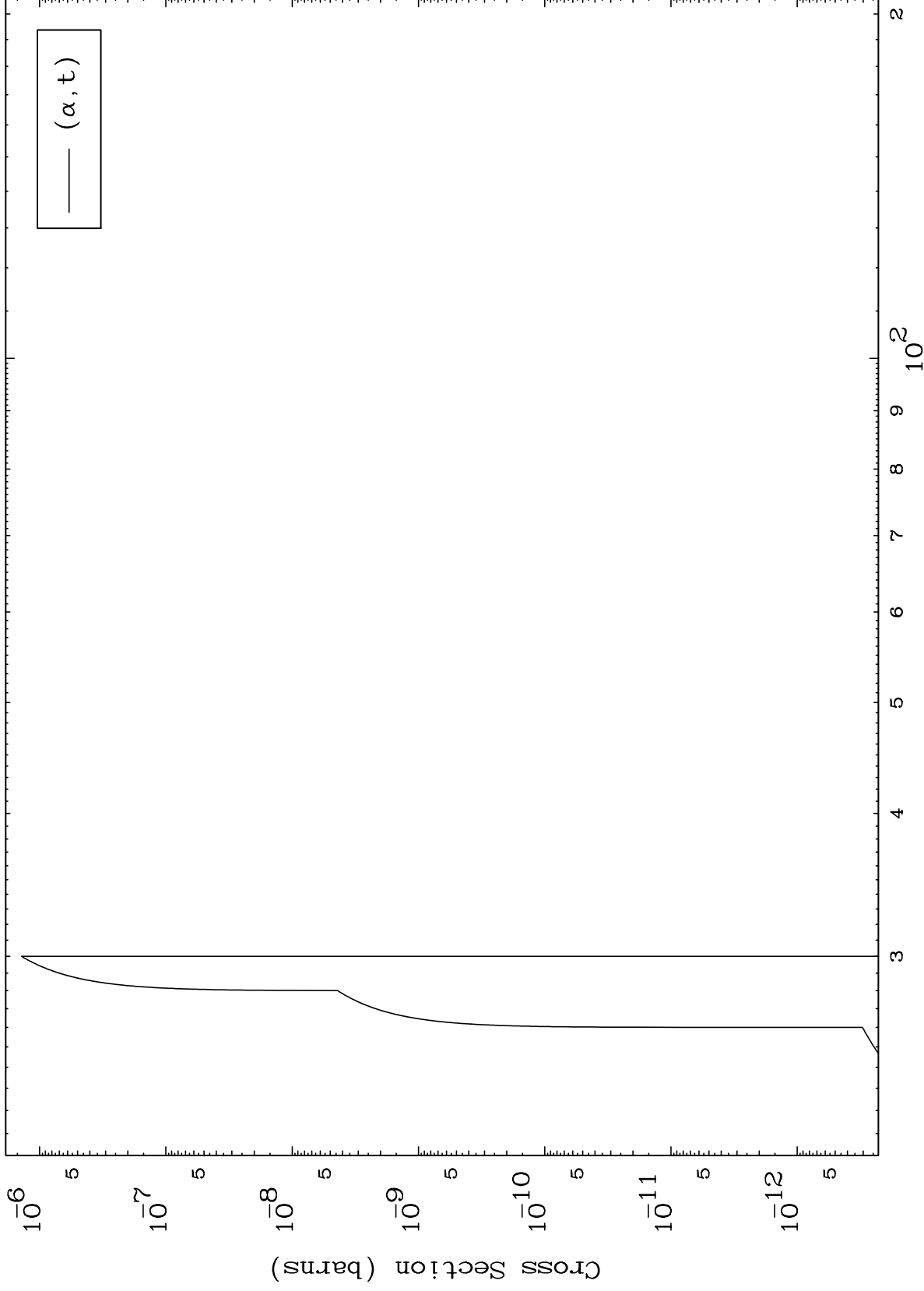
82-Pb-187



7

Incident Energy (MeV)

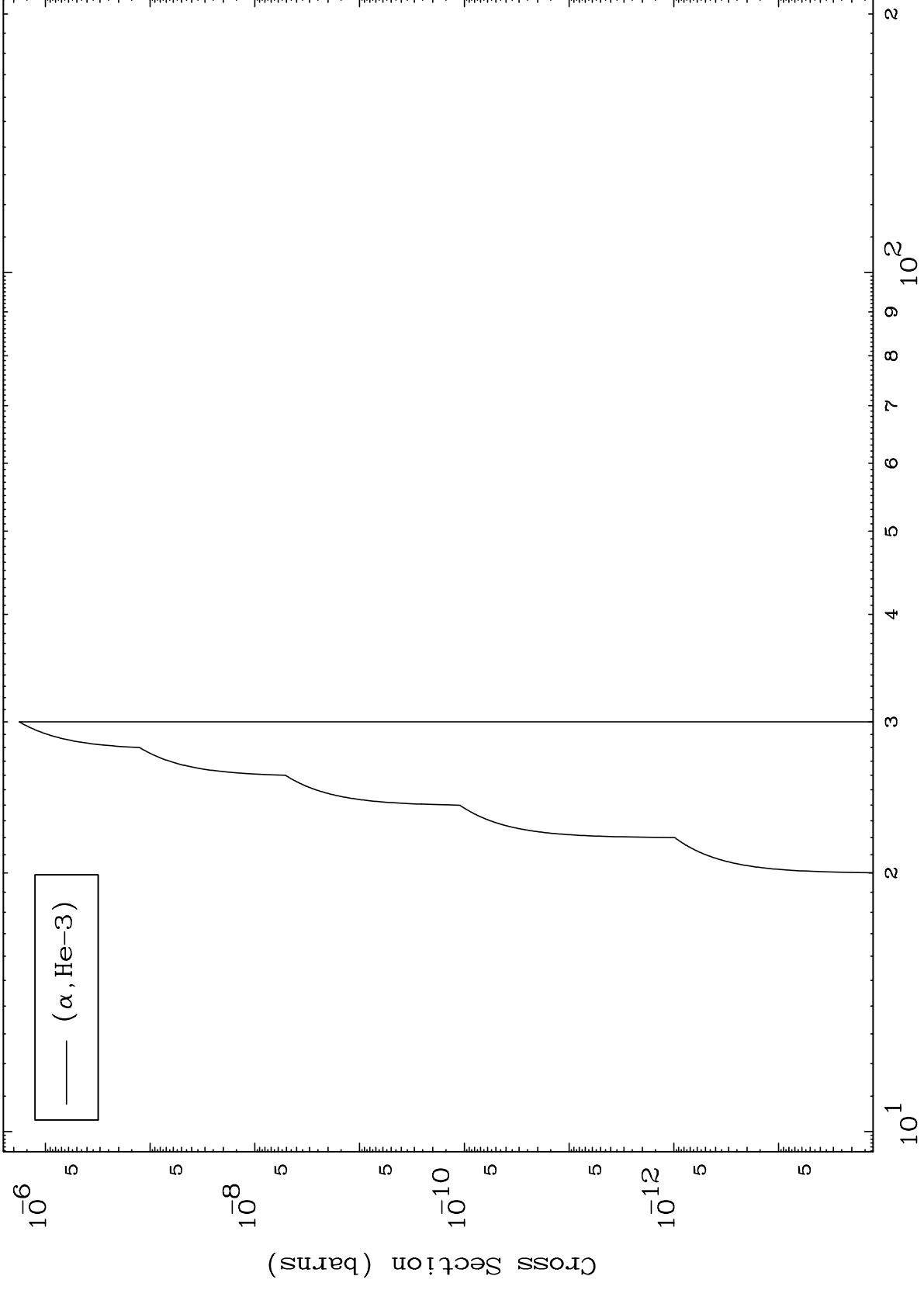
82-Pb-187



MAT 8174

(α , He3) Levels
0 Kelvin Cross Sections

82-Pb-187



82-Pb-187

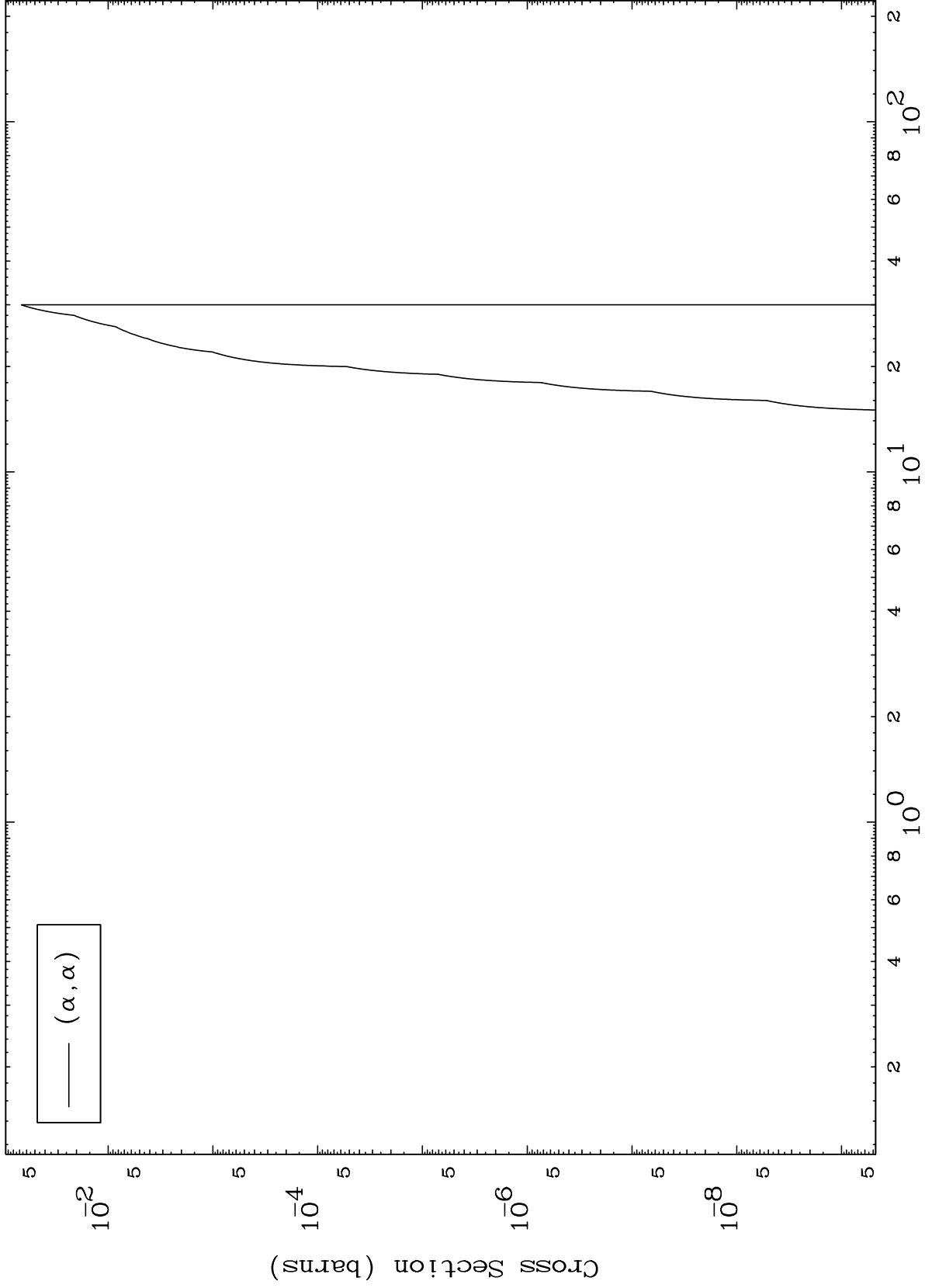
Incident Energy (MeV)

9

MAT 8174

(α, α) Levels
0 Kelvin Cross Sections

82-Pb-187



10

Incident Energy (MeV)

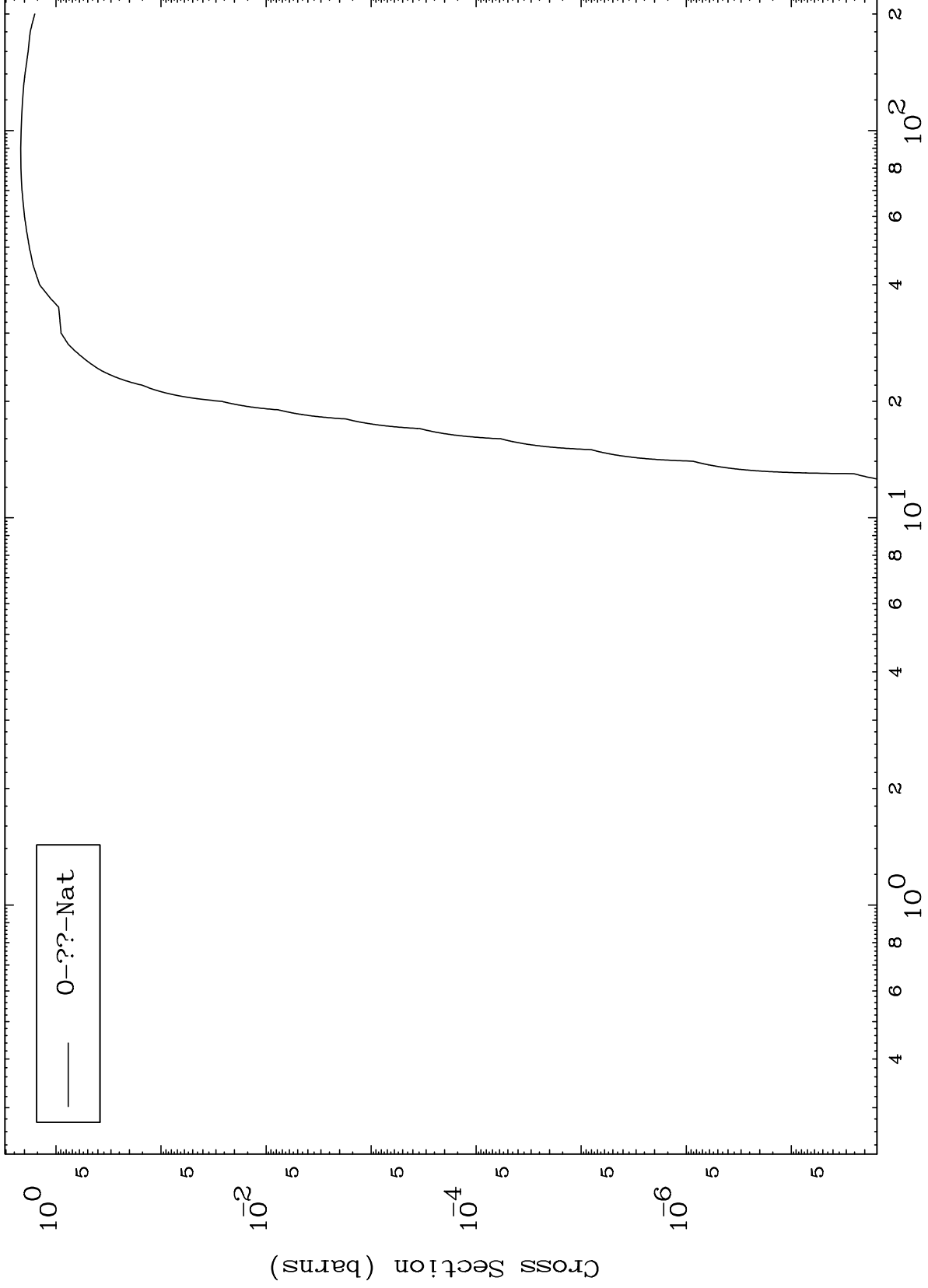
82-Pb-187

MAT 8174

82-Pb-187

α Fission

Radionuclide Production Cross Section

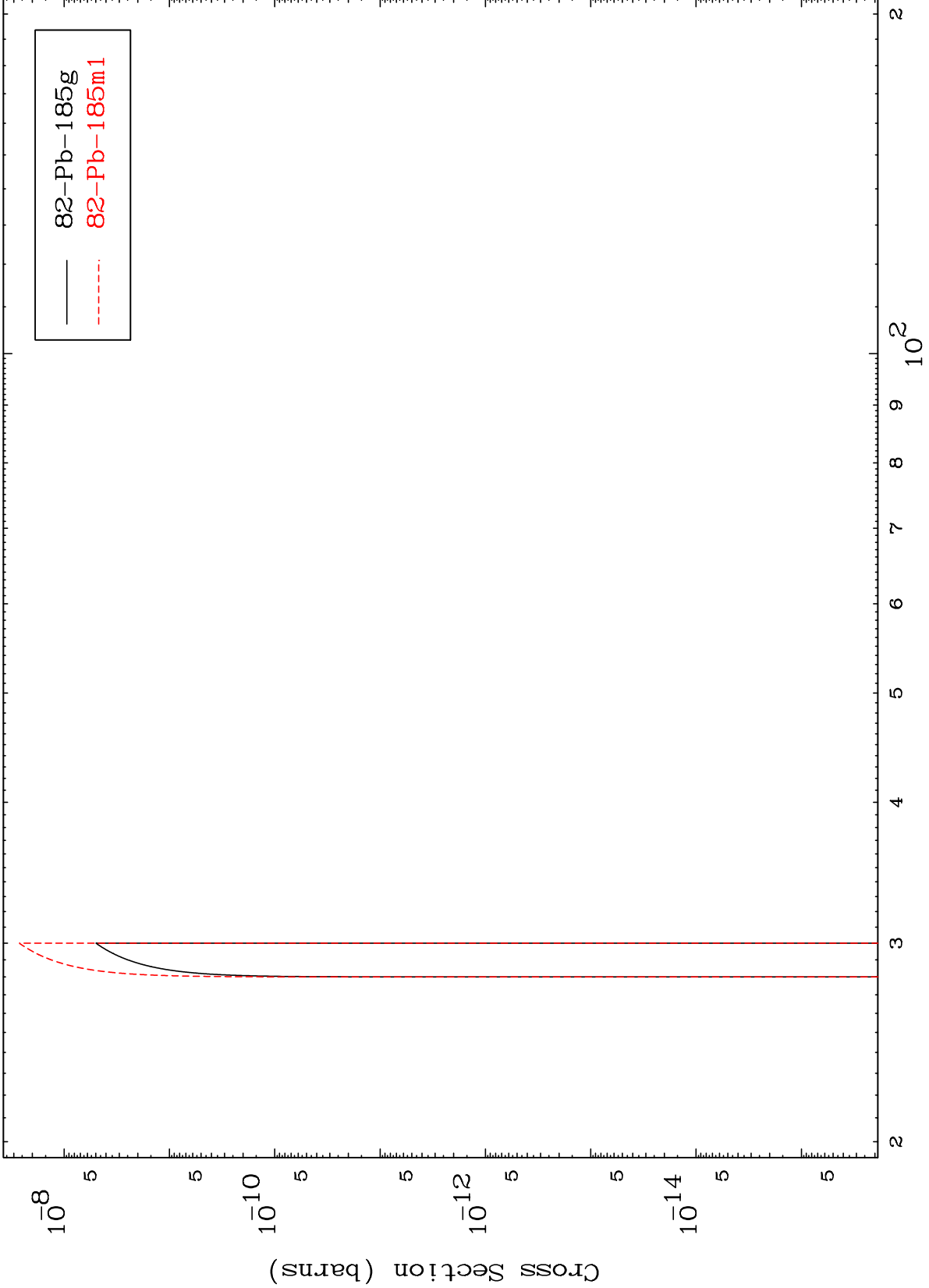


MAT 8174

$(\alpha, 2n) \alpha$

82-Pb-187

Radionuclide Production Cross Section



12

Incident Energy (MeV)

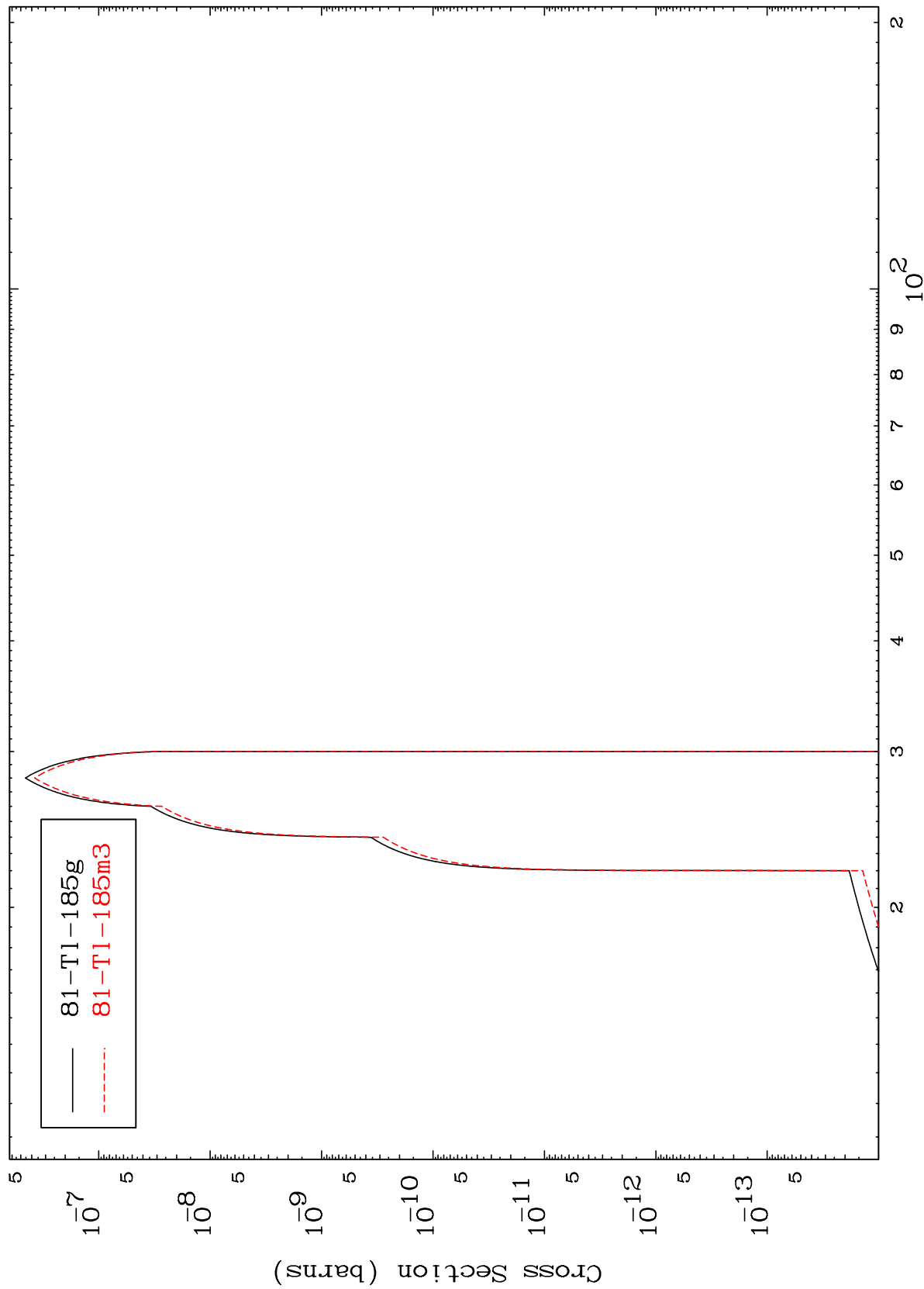
82-Pb-187

MAT 8174

(α, n') p α

82-Pb-187

Radionuclide Production Cross Section



Incident Energy (MeV)

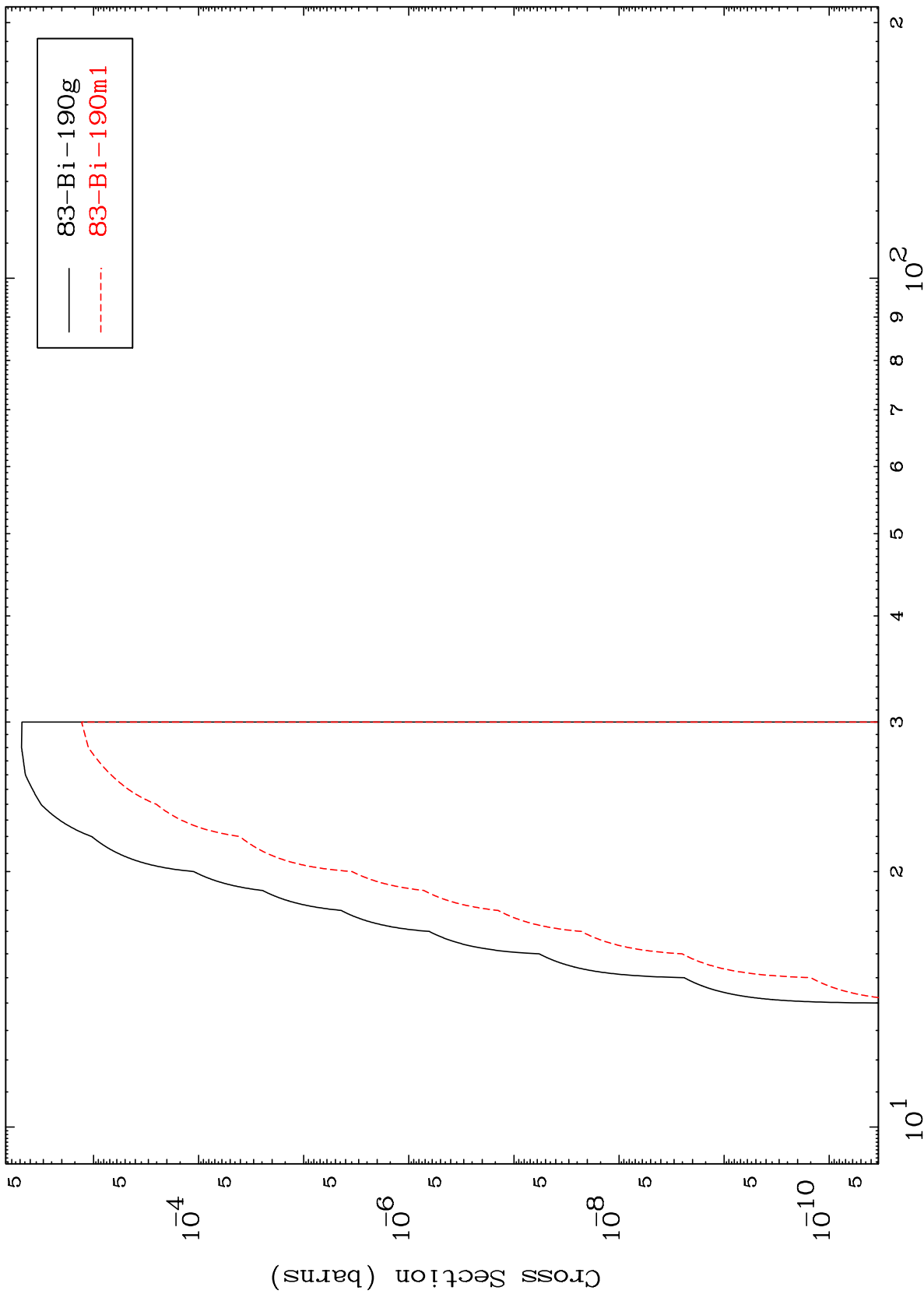
82-Pb-187

13

MAT 8174

82-Pb-187

(α, p)
Radionuclide Production Cross Section



82-Pb-187

Incident Energy (MeV)

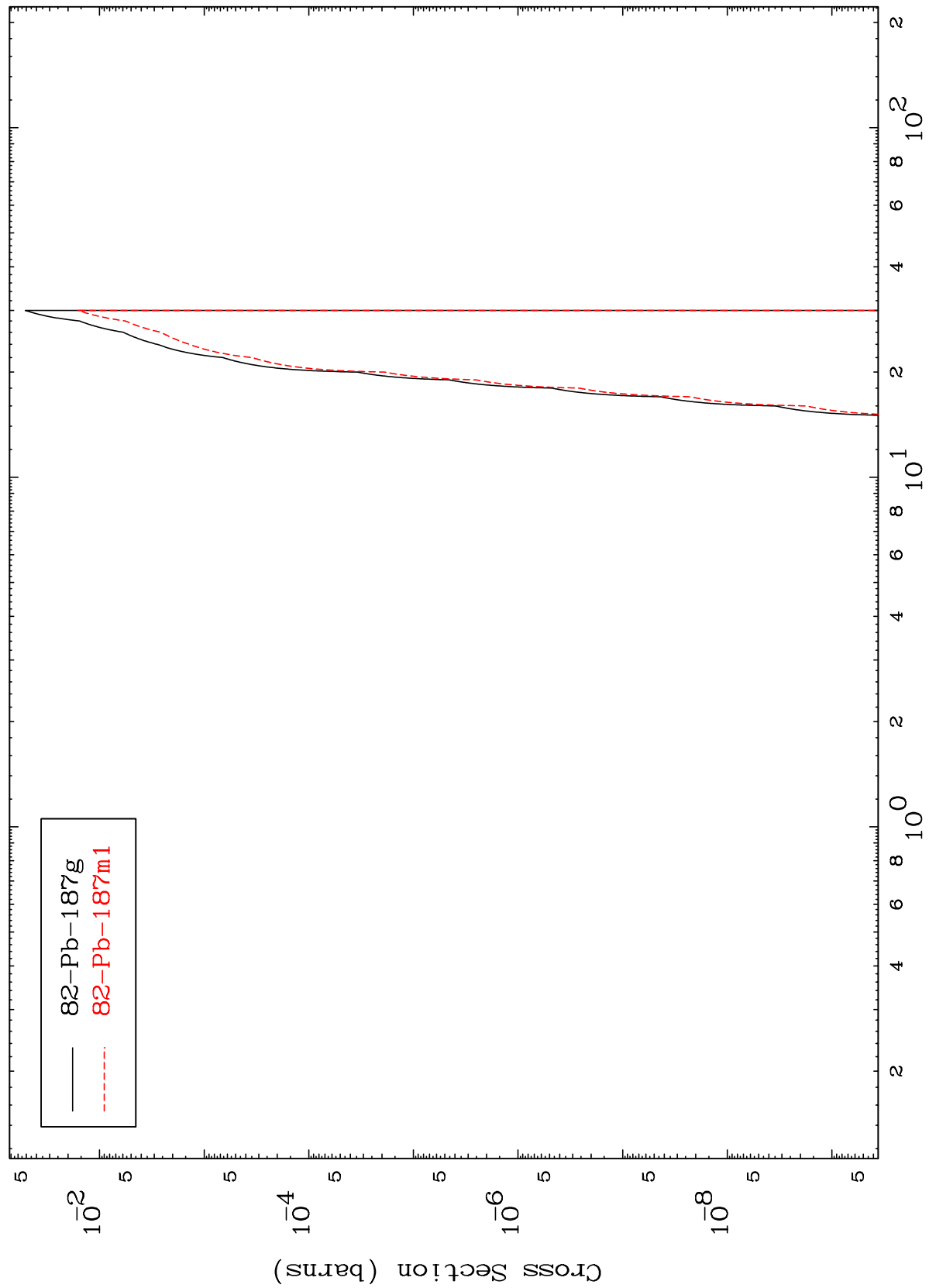
14

MAT 8174

82-Pb-187

(α, α)

Radionuclide Production Cross Section



82-Pb-187g
82-Pb-187m1

82-Pb-187

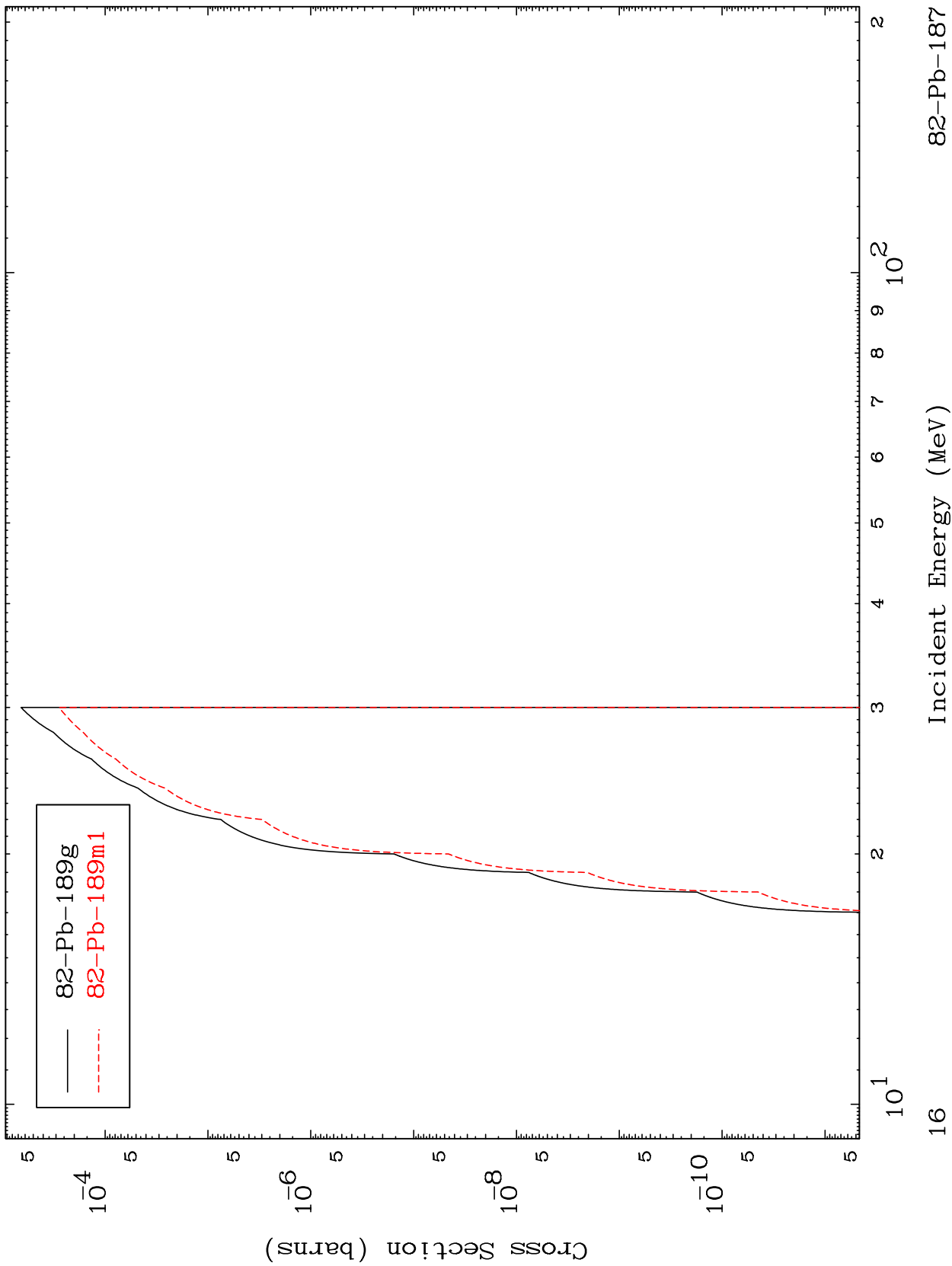
Incident Energy (MeV)

15

MAT 8174

82-Pb-187

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



82-Pb-187

Incident Energy (MeV)

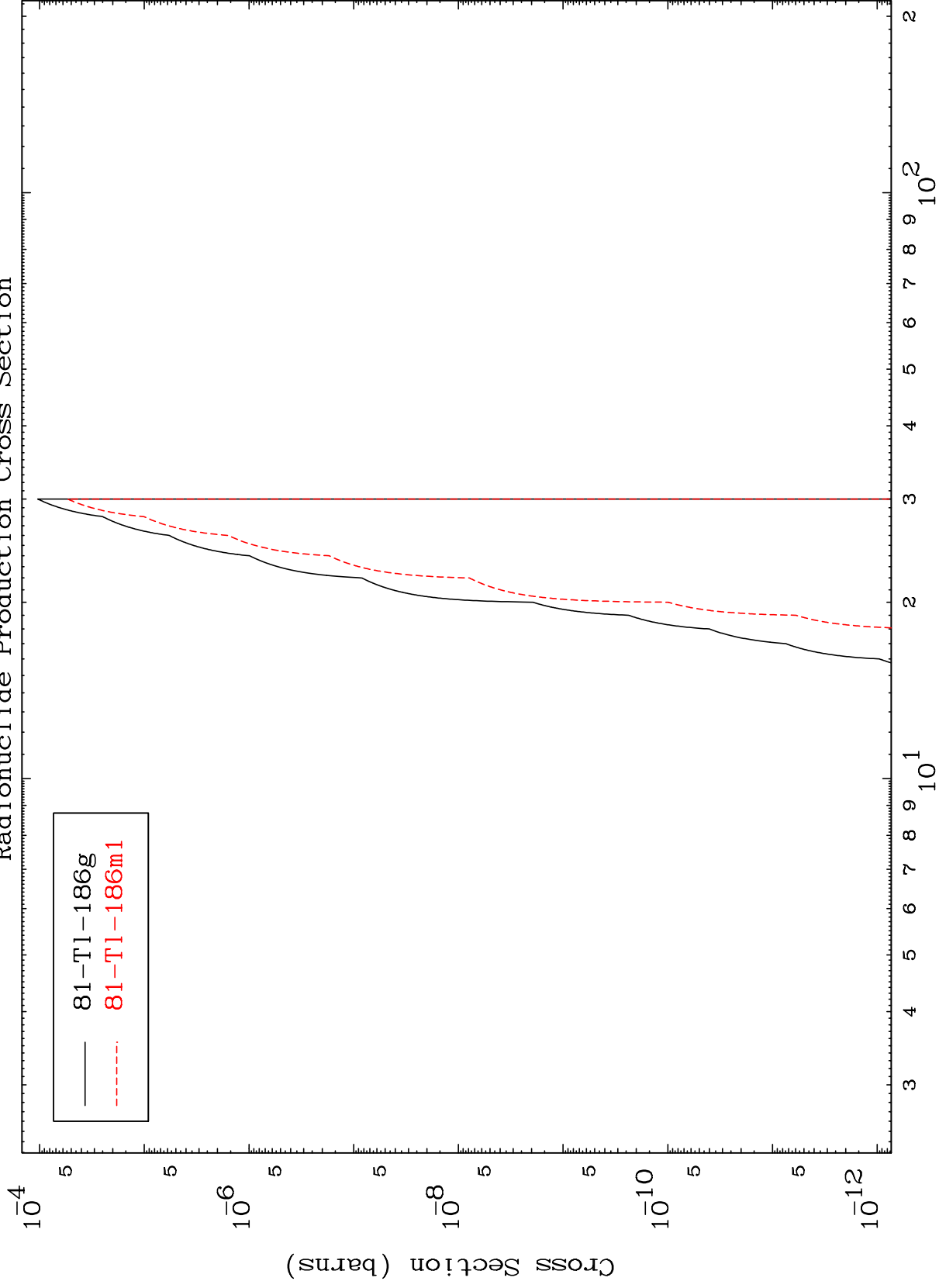
16

MAT 8174

(α, p) α

82-Pb-187

Radionuclide Production Cross Section



17

Incident Energy (MeV)

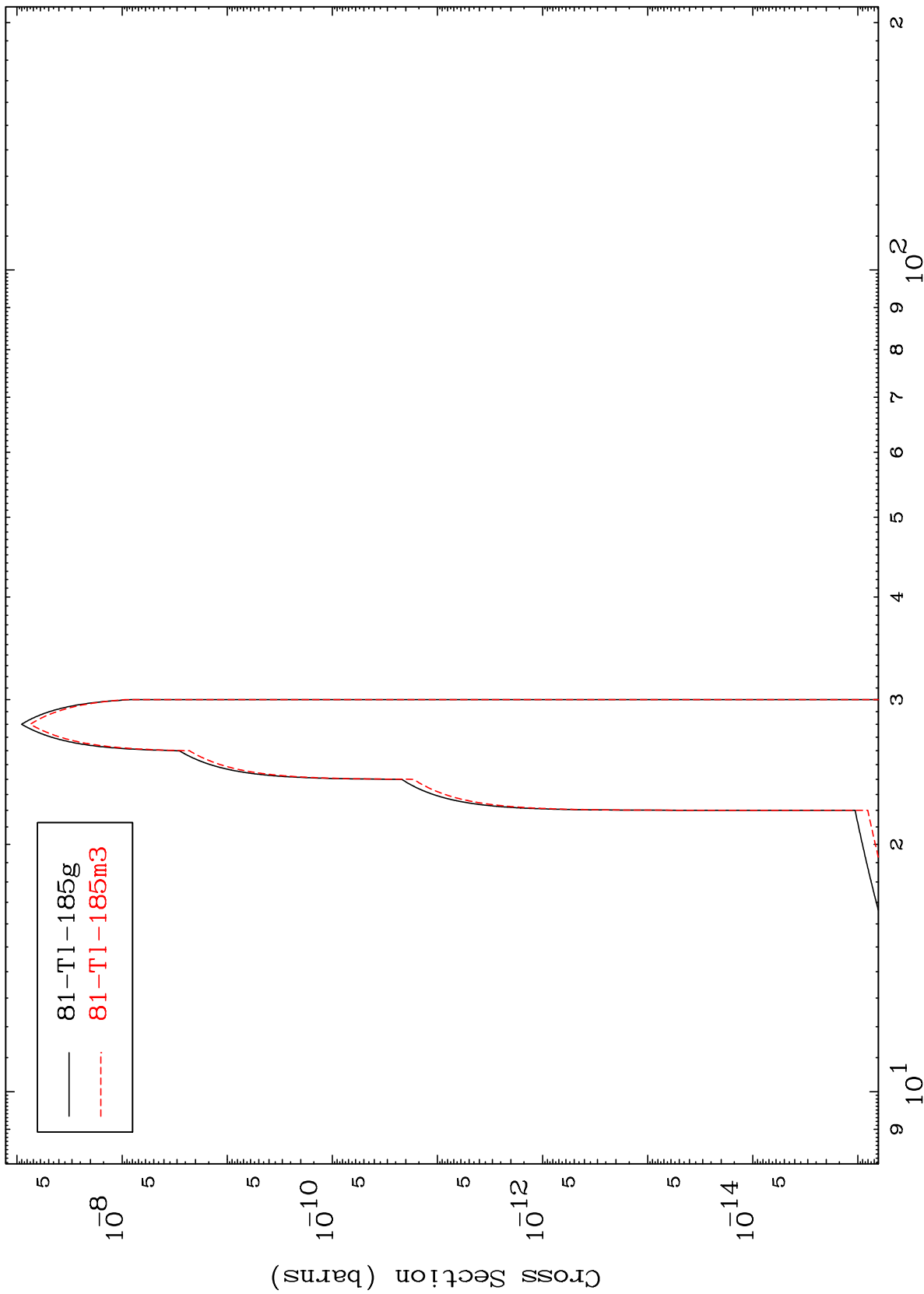
82-Pb-187

MAT 8174

(α, d) α

82-Pb-187

Radionuclide Production Cross Section



18

Incident Energy (MeV)

82-Pb-187