

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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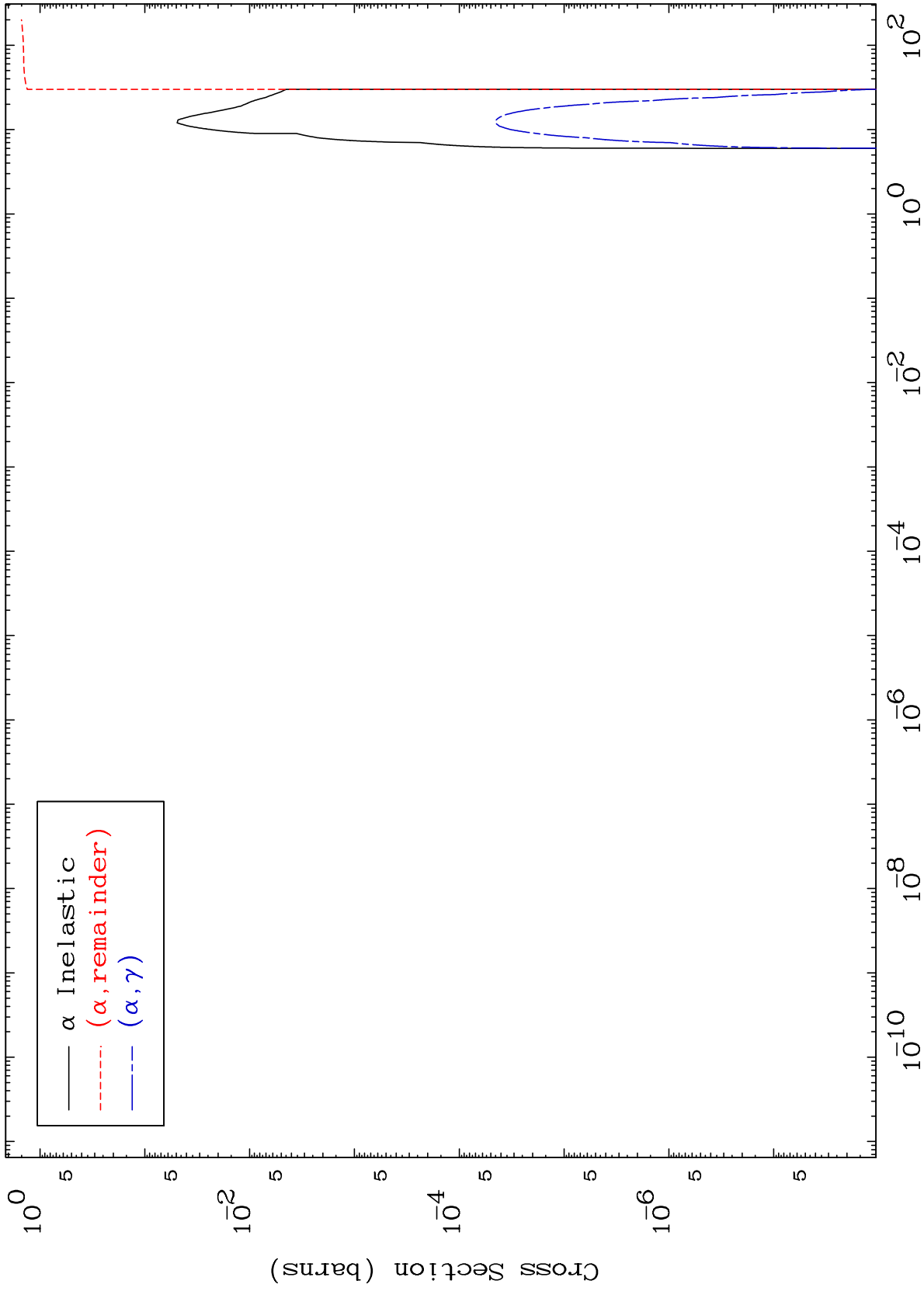
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

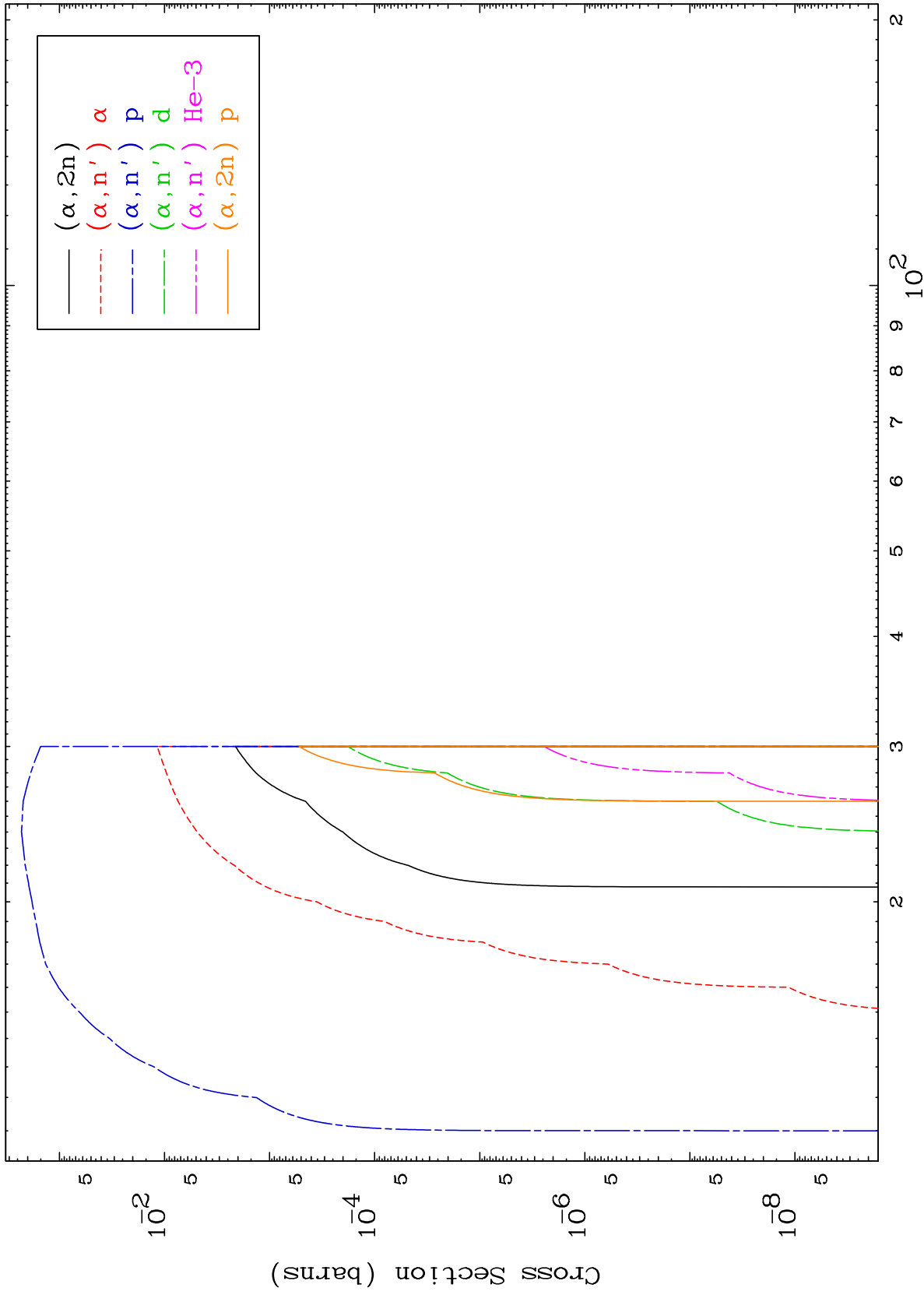
Press Mouse Button to Start

MAT 2622

0 Kelvin α Major
Cross Sections

$^{26}\text{Fe-53}$

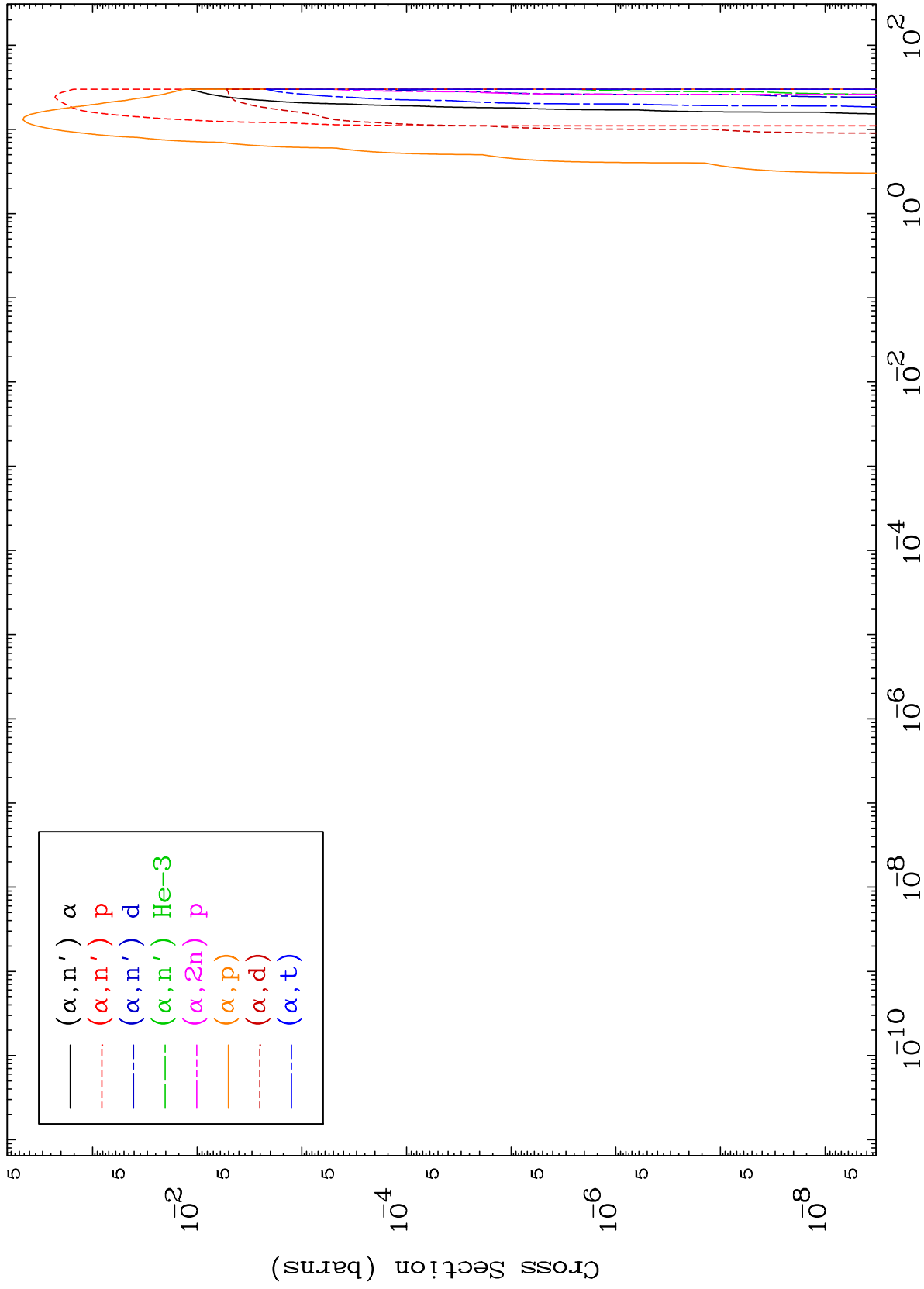




MAT 2622

α Charged Particle
0 Kelvin Cross Sections

26-Fe-53



3

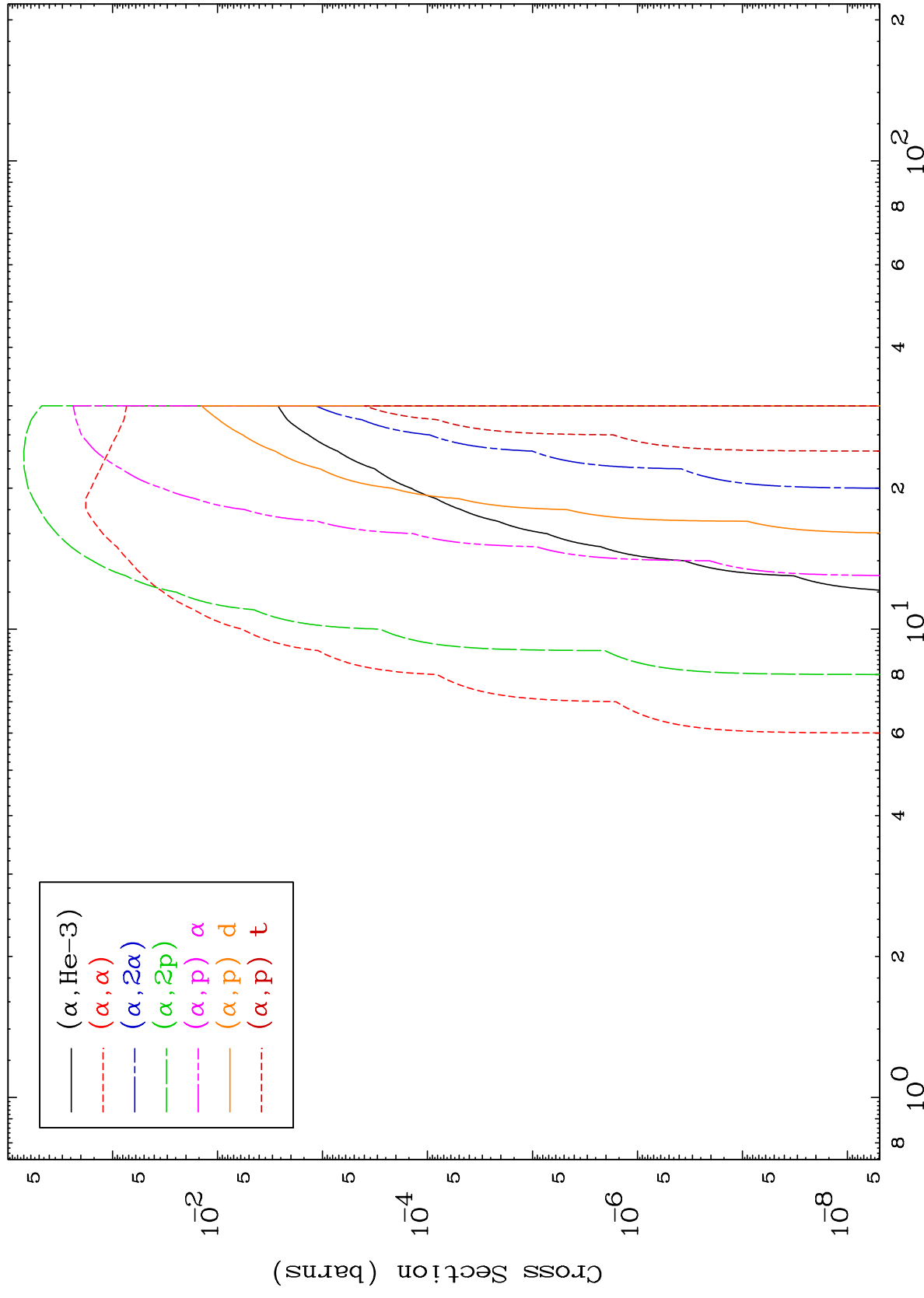
Incident Energy (MeV)

26-Fe-53

MAT 2622

α Charged Particle
0 Kelvin Cross Sections

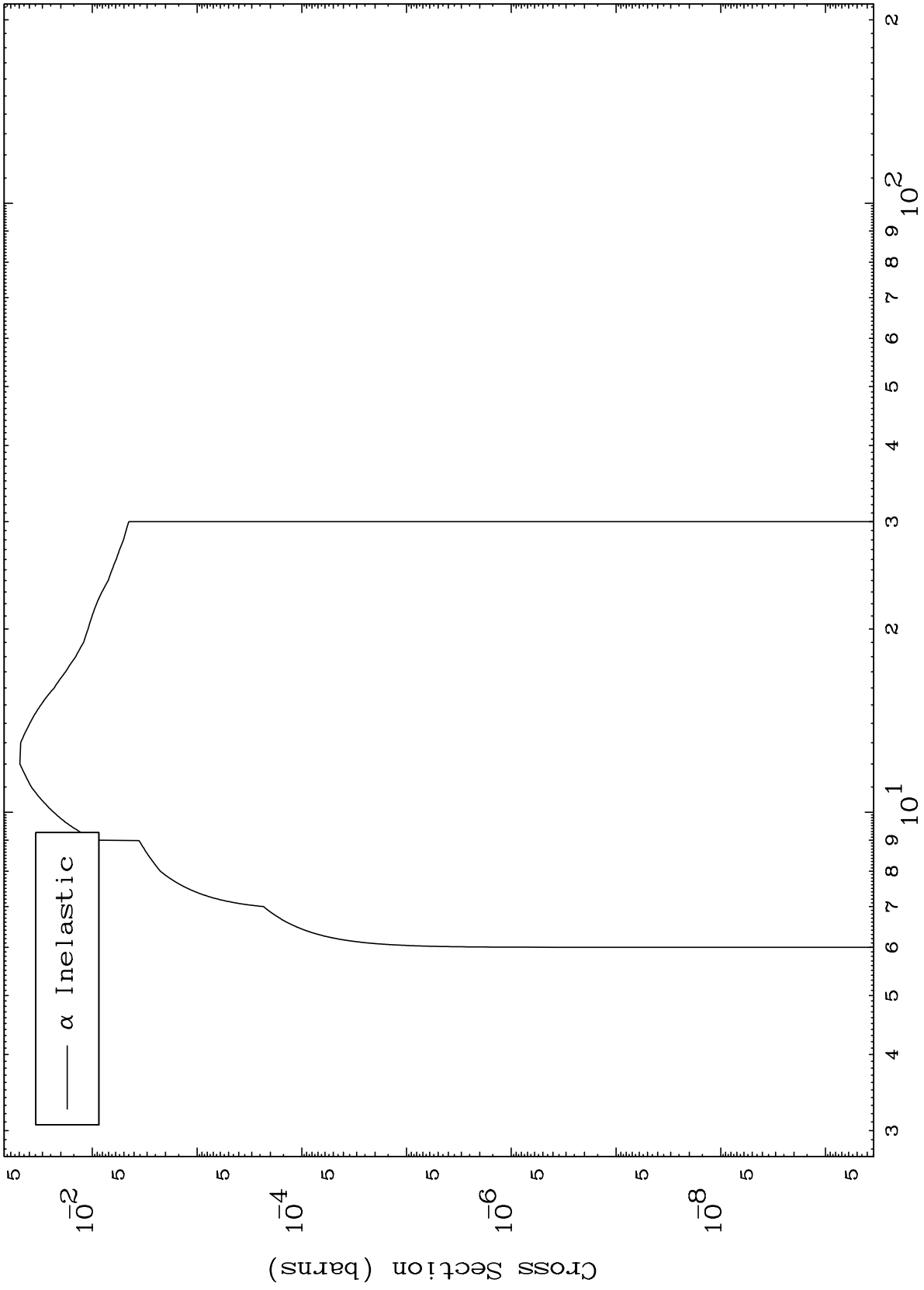
$^{26}\text{Fe-53}$



MAT 2622

26-Fe-53

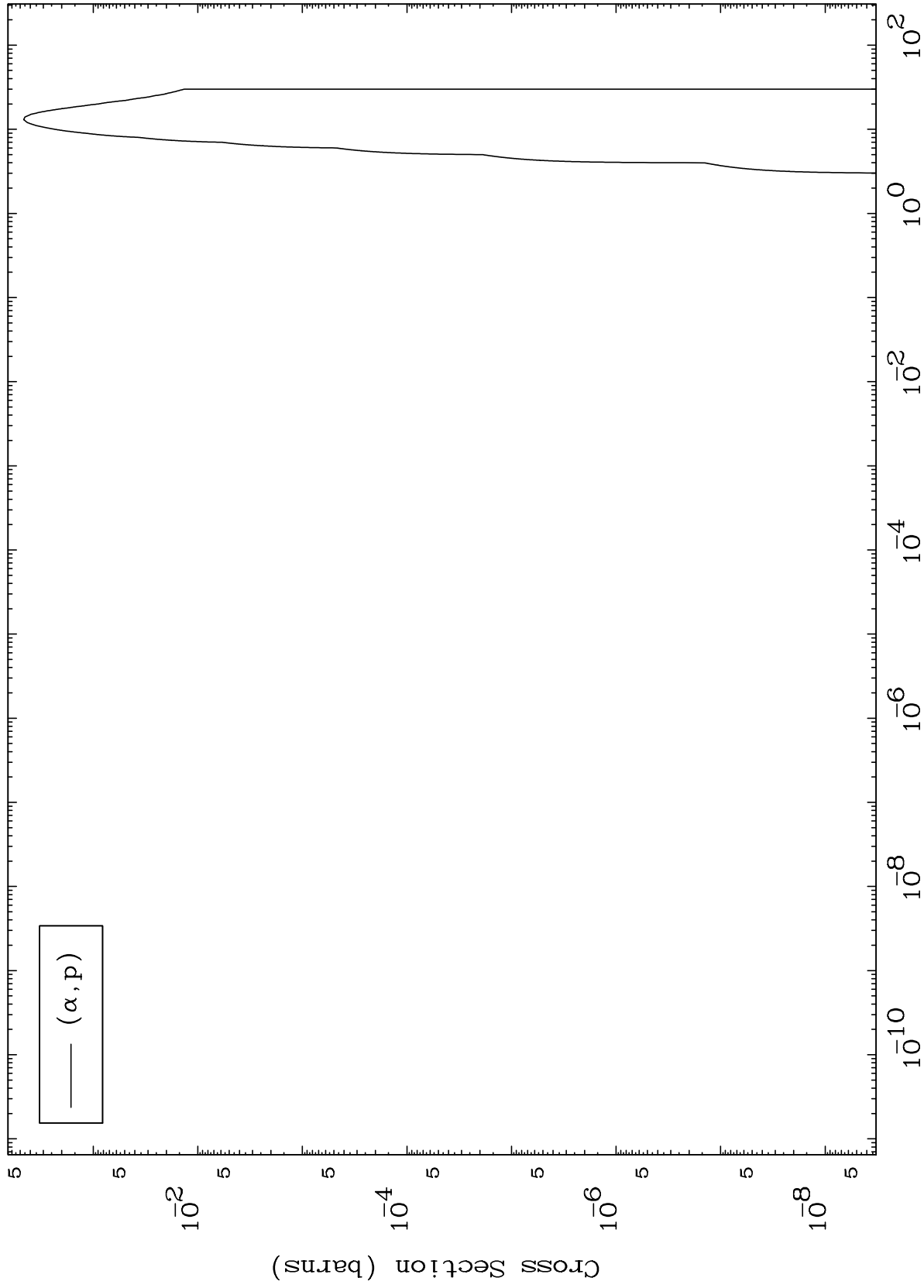
(α, n') Level
0 Kelvin Cross Sections



MAT 2622

(α, p) Levels
0 Kelvin Cross Sections

26-Fe-53



6

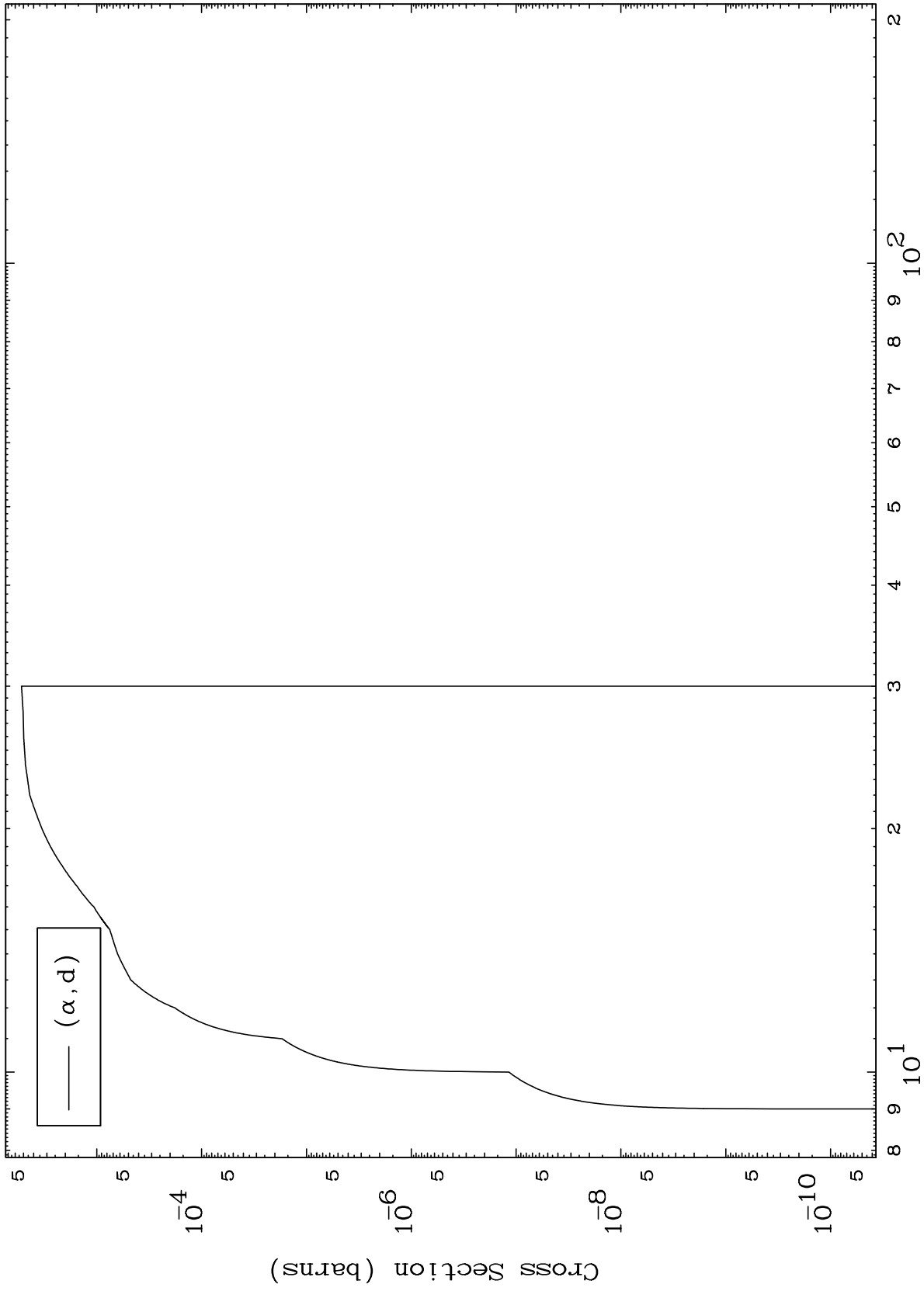
Incident Energy (MeV)

26-Fe-53

MAT 2622

(α, d) Levels
0 Kelvin Cross Sections

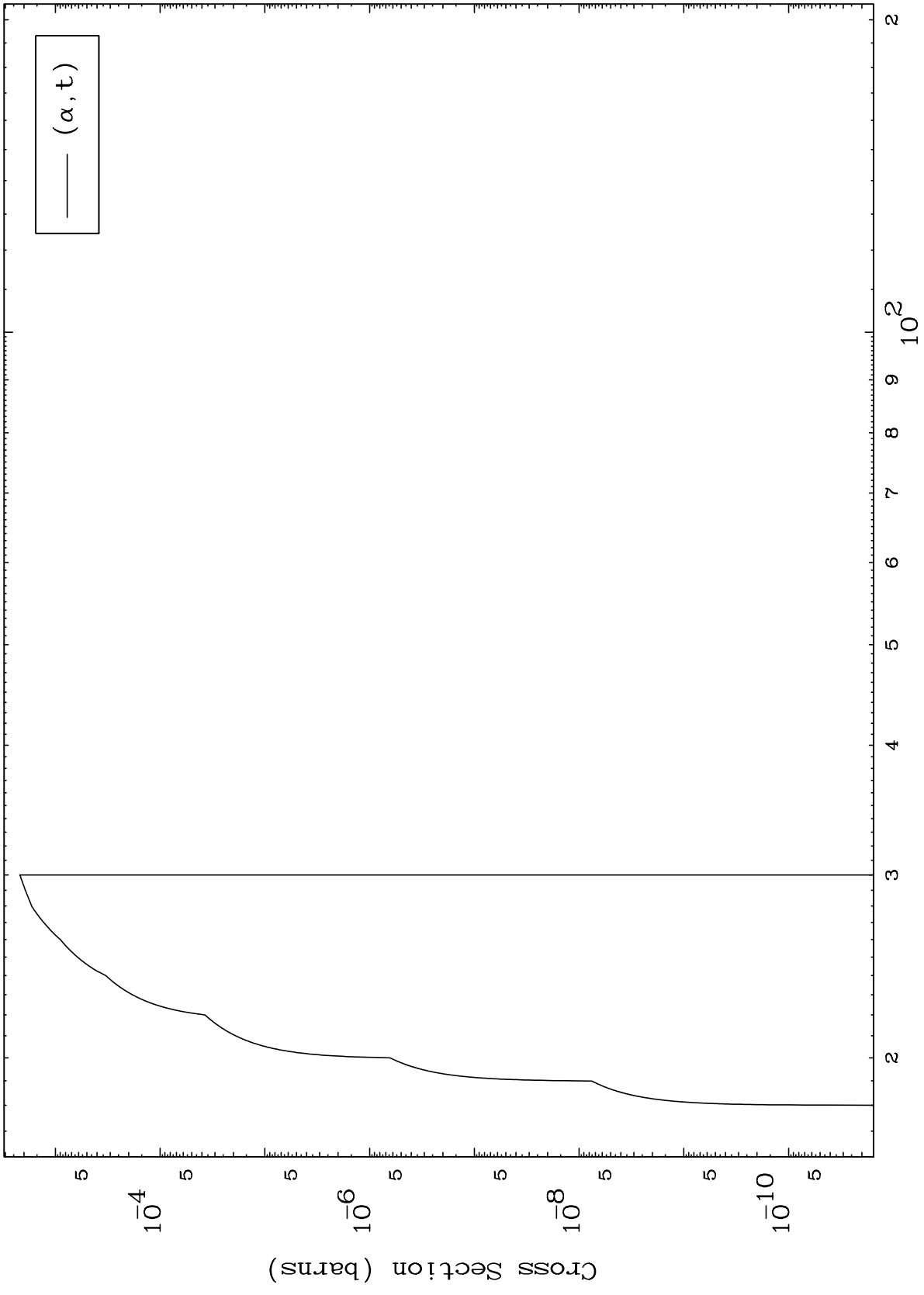
$^{26}\text{Fe-53}$



7

Incident Energy (MeV)

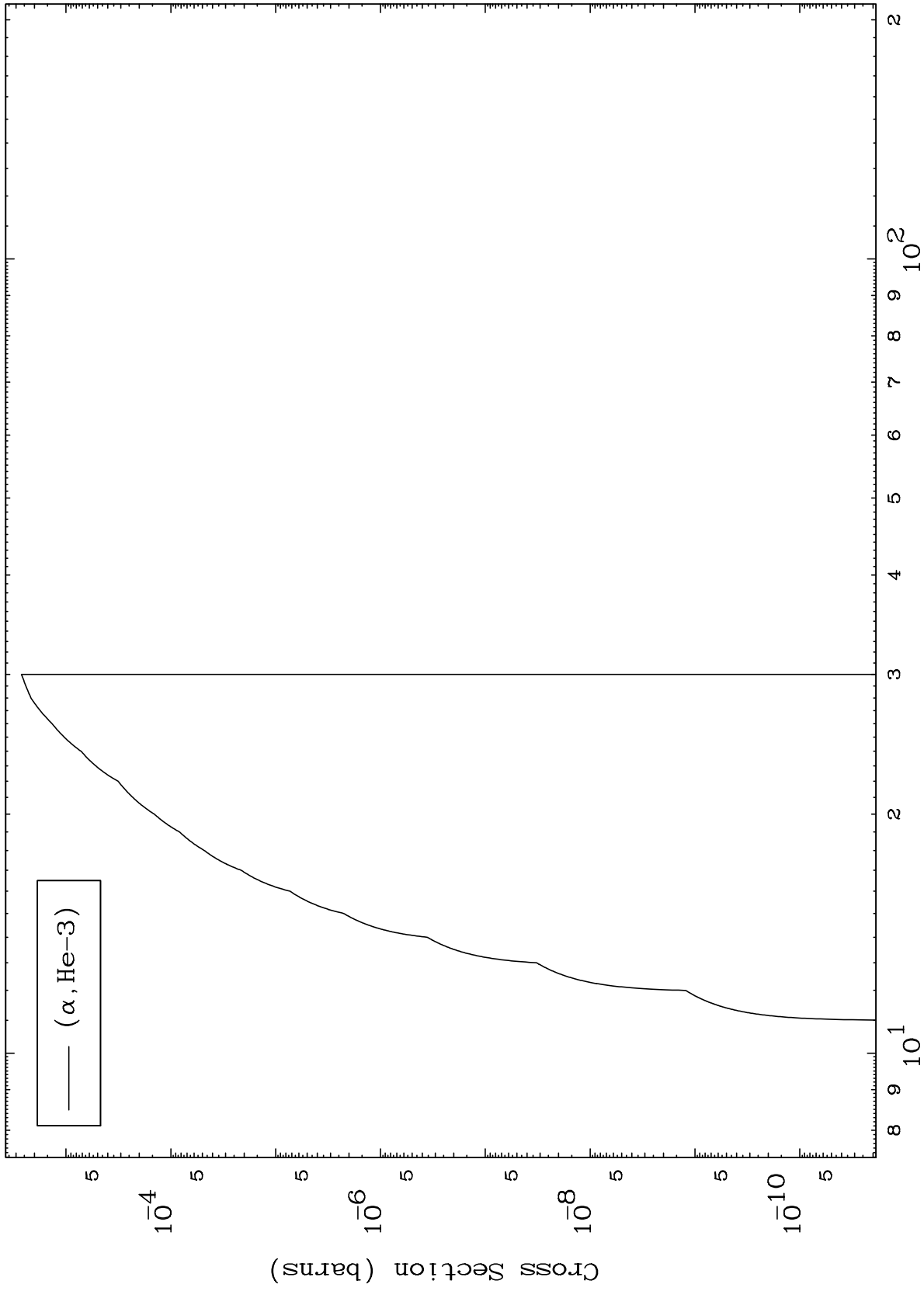
$^{26}\text{Fe-53}$



MAT 2622

(α ,He3) Levels
0 Kelvin Cross Sections

26-Fe-53



9

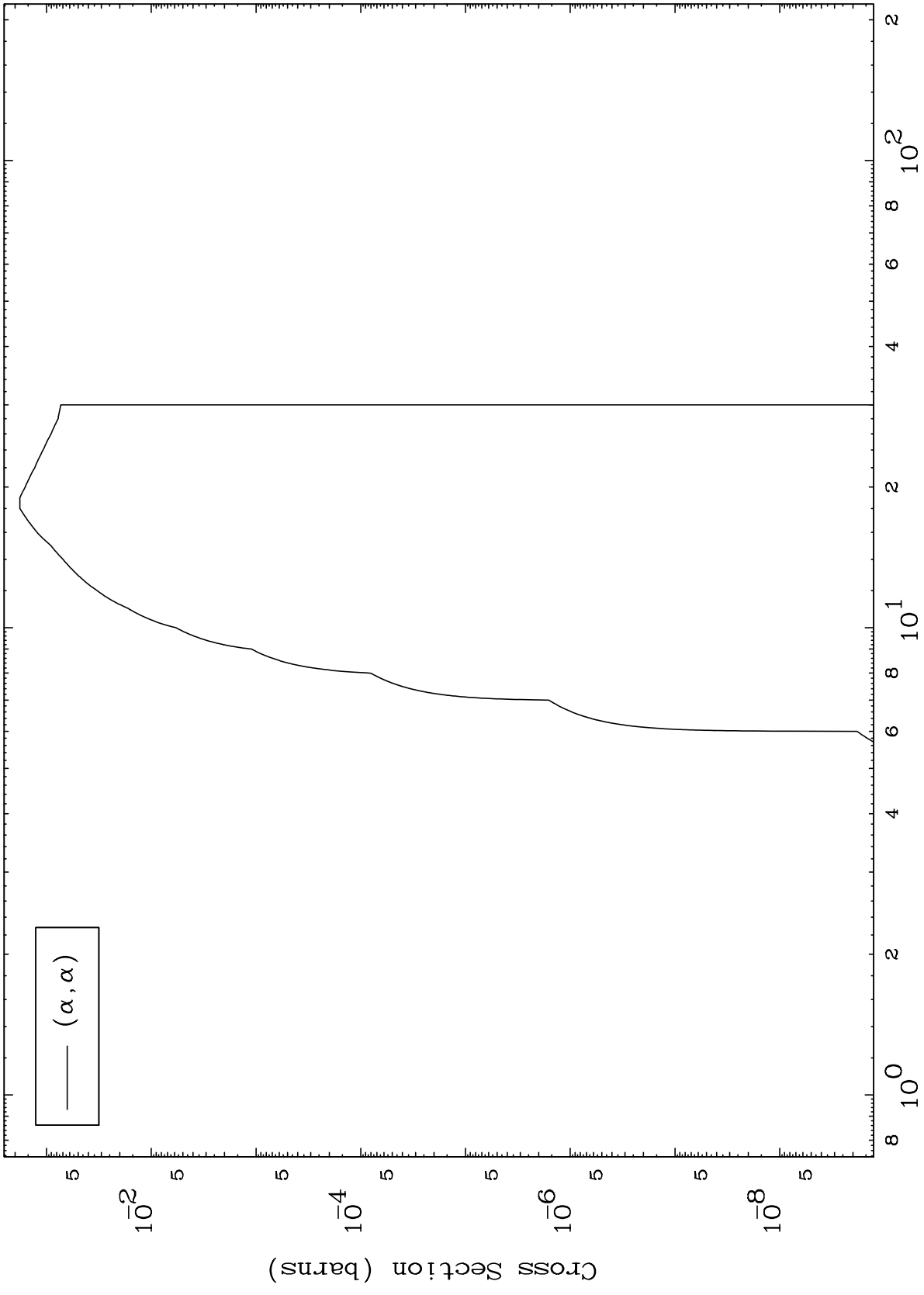
Incident Energy (MeV)

26-Fe-53

MAT 2622

(α, α) Levels
0 Kelvin Cross Sections

²⁶Fe-53



10

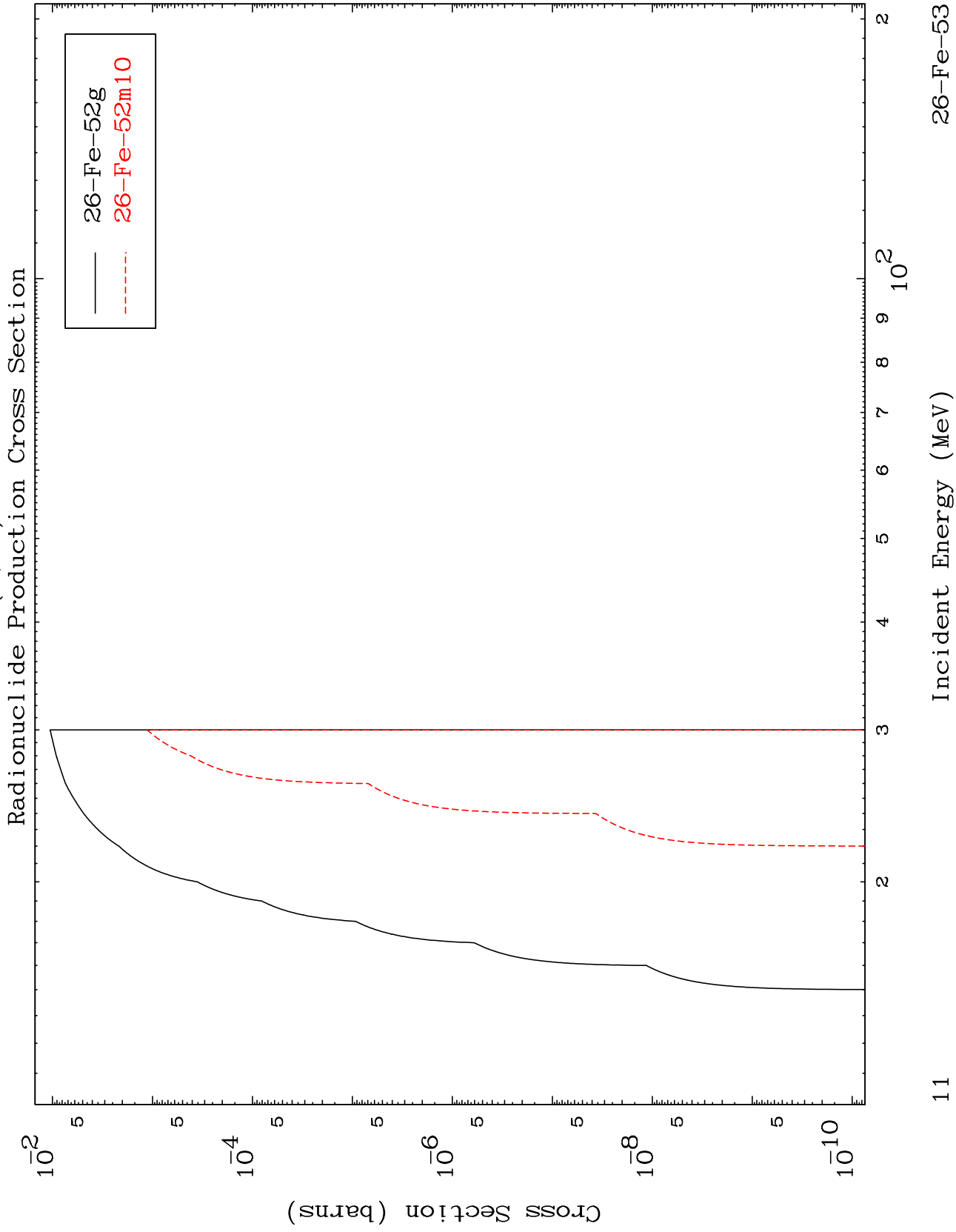
Incident Energy (MeV)

²⁶Fe-53

MAT 2622

(α, n') α

$^{26}\text{Fe-53}$

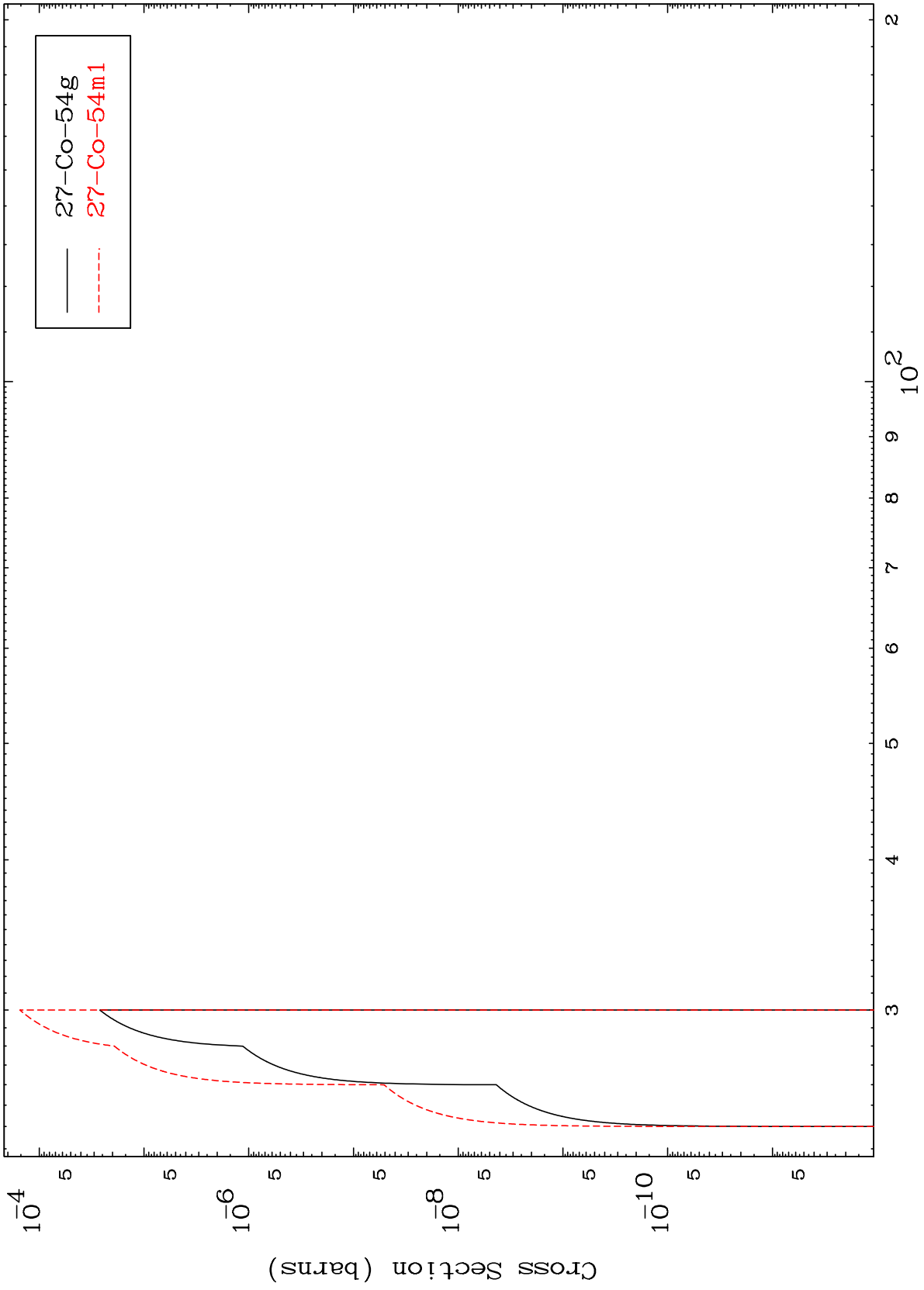


MAT 2622

(α, n') d

²⁶Fe-53

Radionuclide Production Cross Section



12

Incident Energy (MeV)

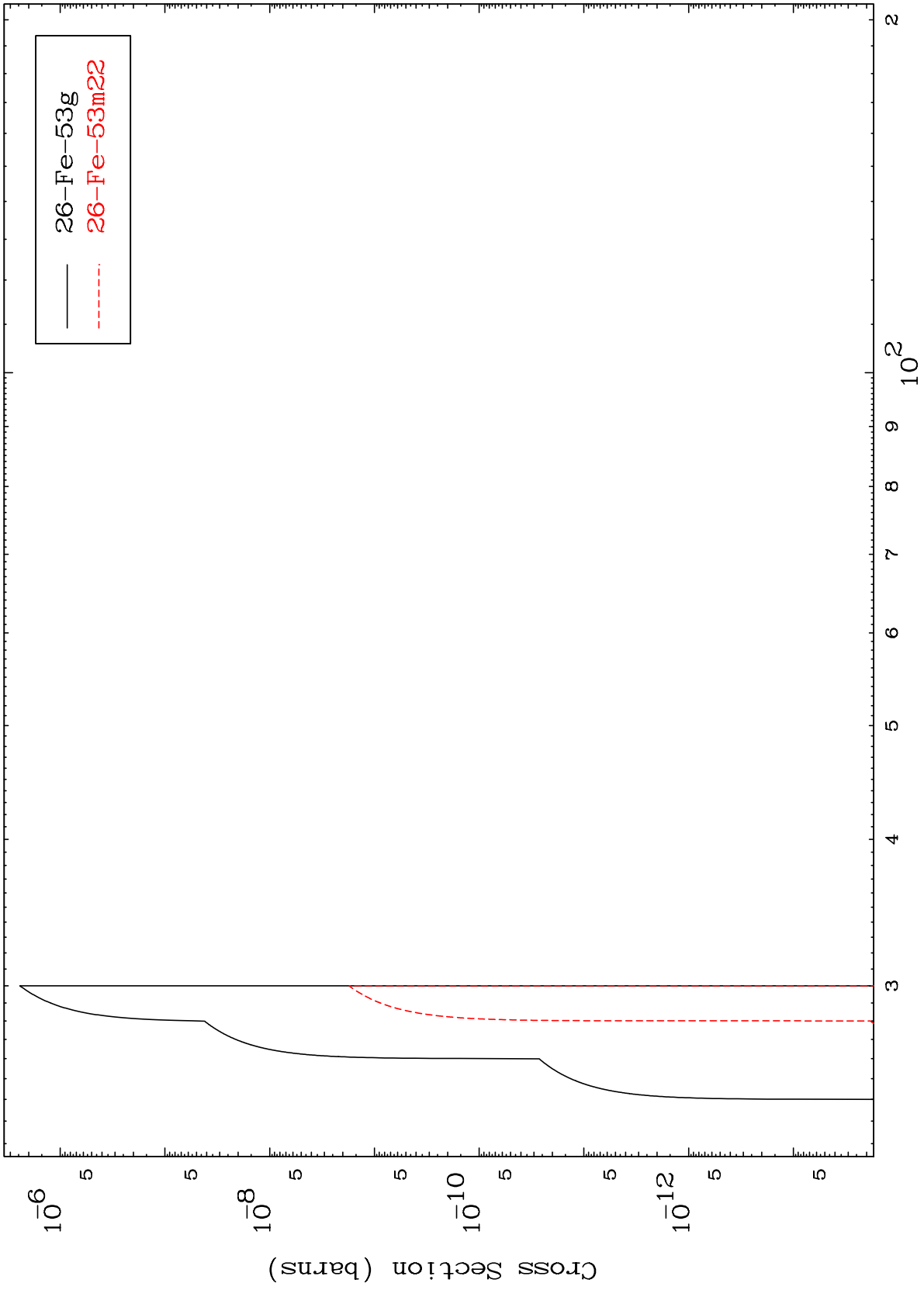
²⁶Fe-53

MAT 2622

(α, n') He-3

²⁶Fe-53

Radionuclide Production Cross Section



13

Incident Energy (MeV)

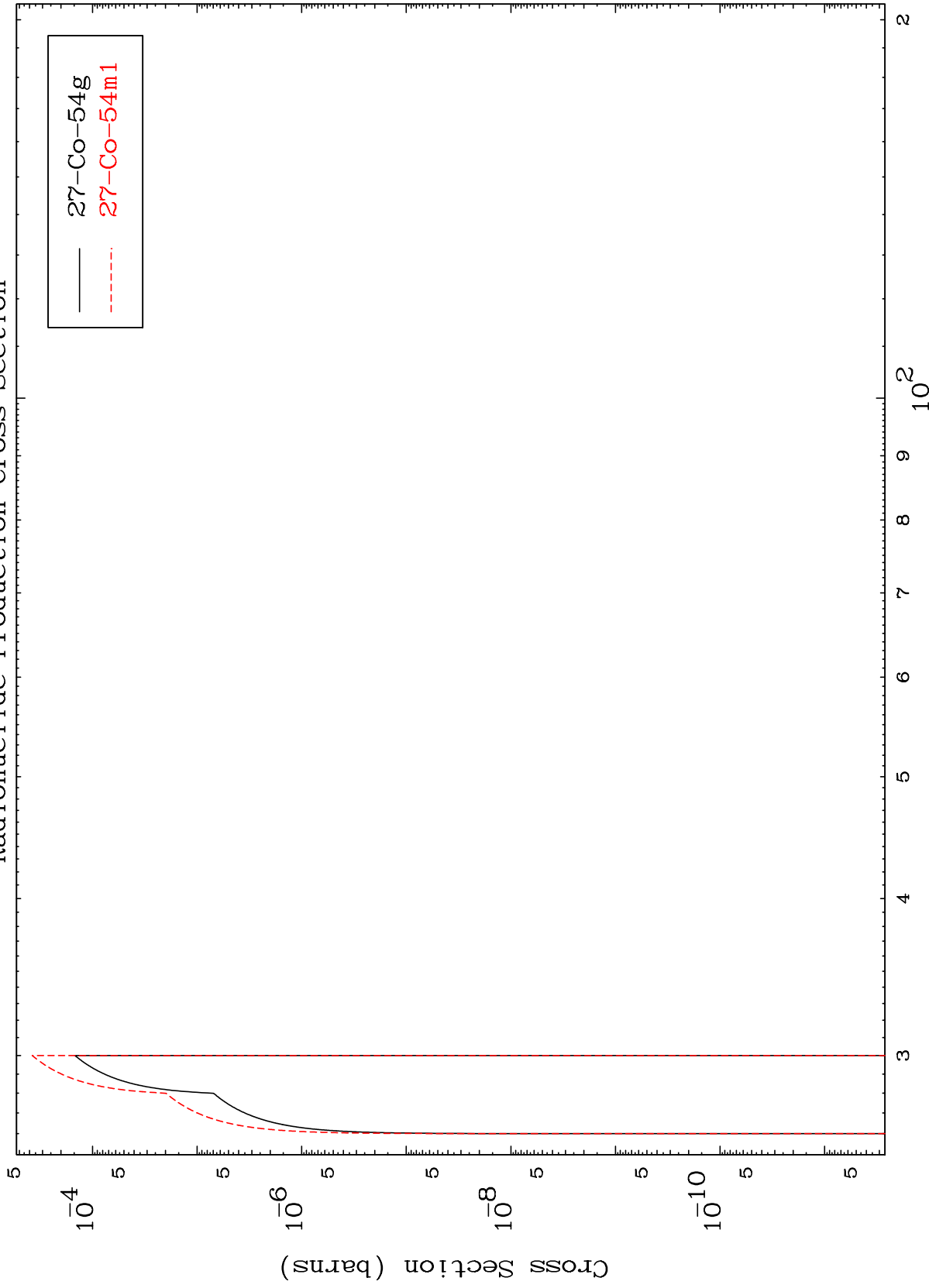
²⁶Fe-53

MAT 2622

($\alpha, 2n$) p

²⁶Fe-53

Radionuclide Production Cross Section



14

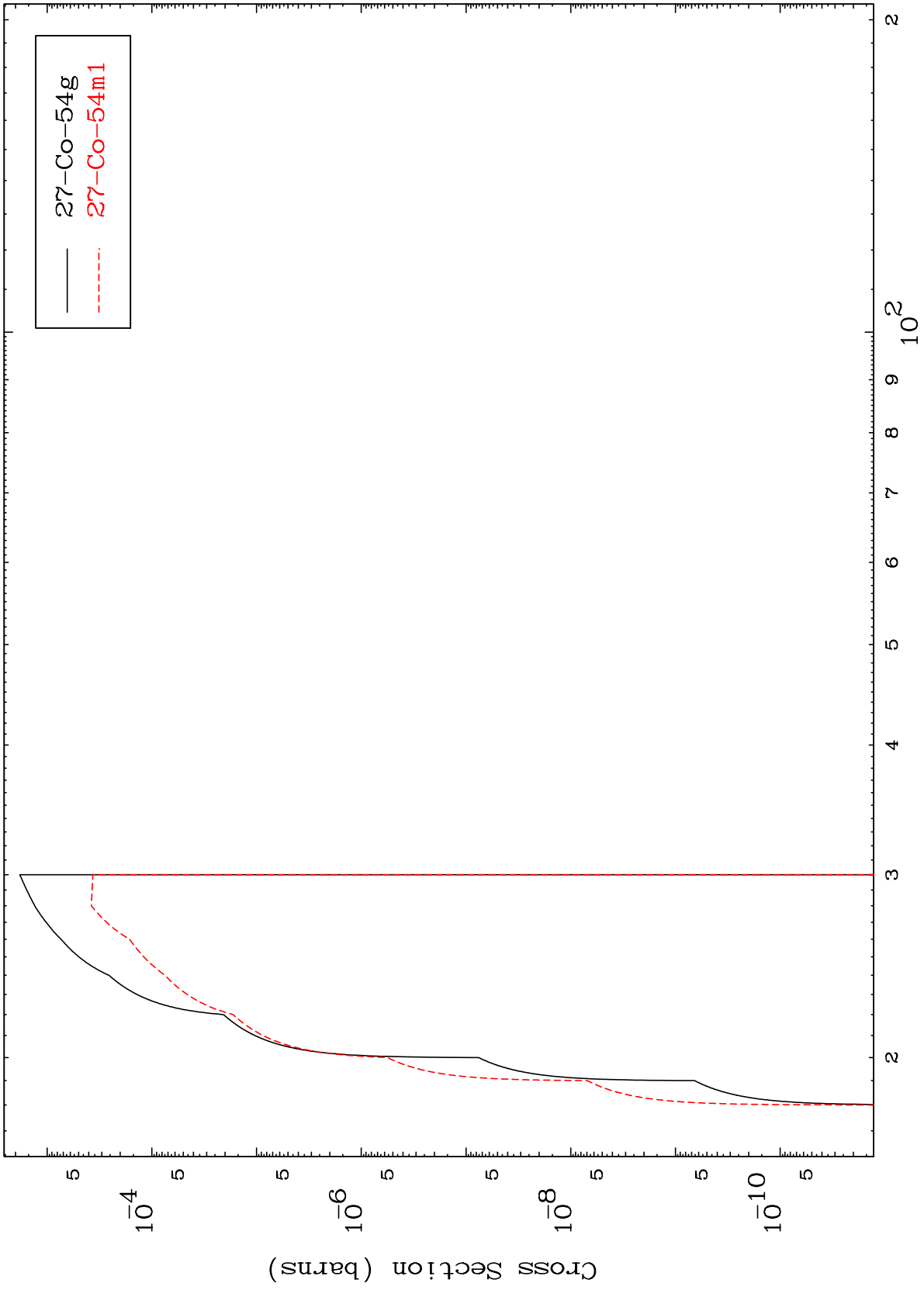
Incident Energy (MeV)

²⁶Fe-53

MAT 2622

²⁶Fe-53

(α, t)
Radionuclide Production Cross Section



15

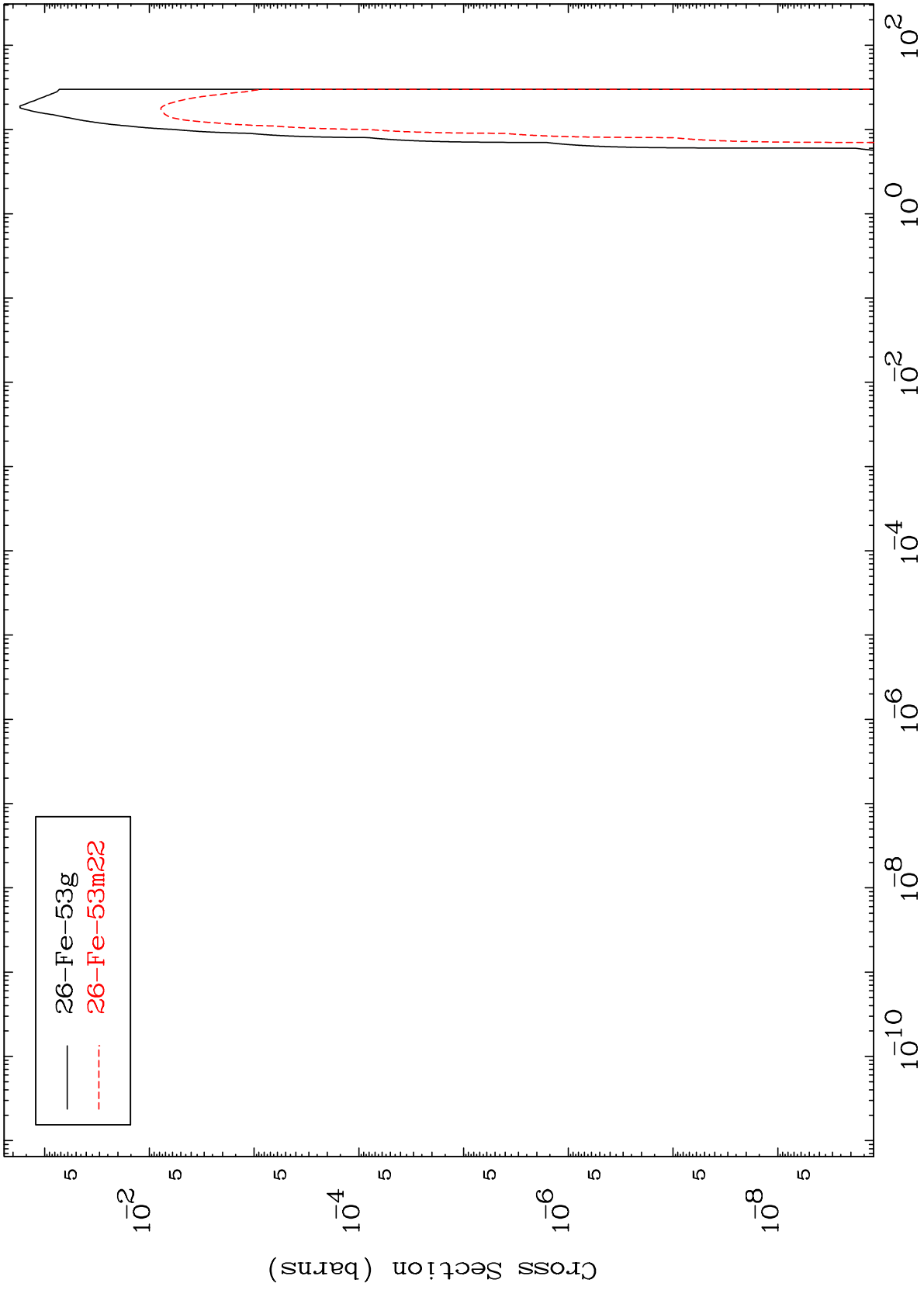
Incident Energy (MeV)

²⁶Fe-53

MAT 2622

(α, α)
Radionuclide Production Cross Section

$^{26}\text{Fe-53}$



16

Incident Energy (MeV)

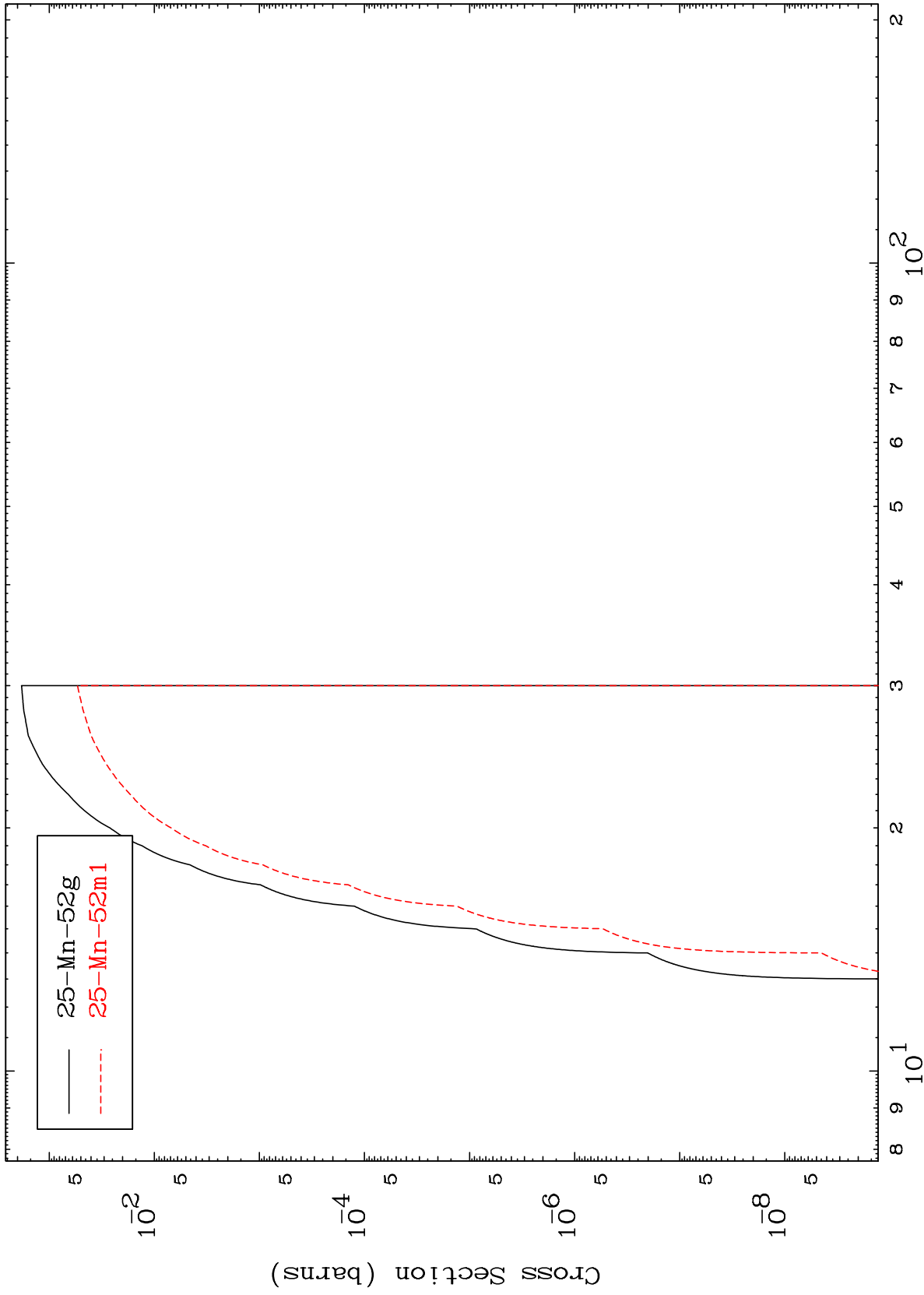
$^{26}\text{Fe-53}$

MAT 2622

(α, p) α

$^{26}\text{Fe-53}$

Radionuclide Production Cross Section



17

Incident Energy (MeV)

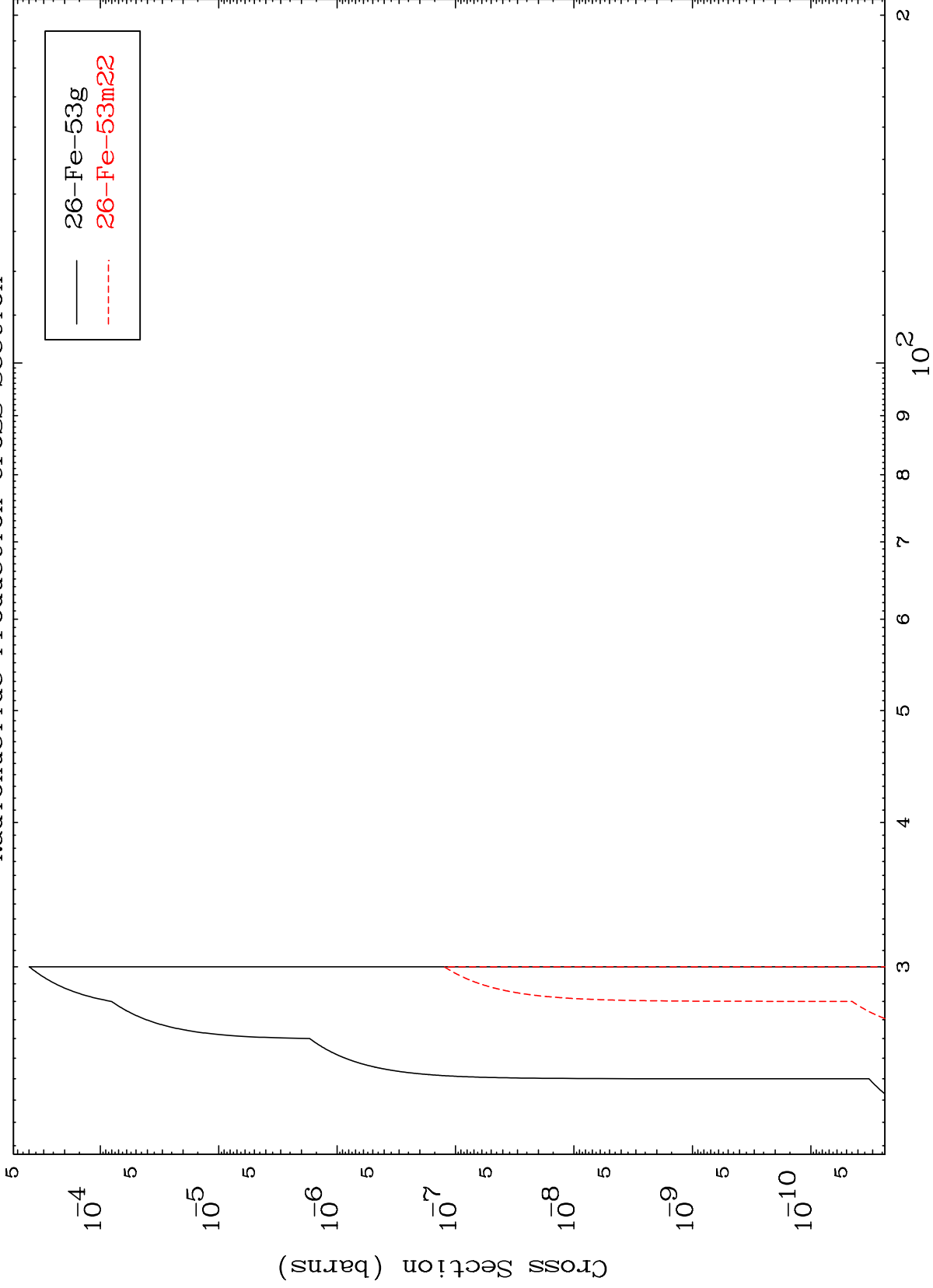
$^{26}\text{Fe-53}$

MAT 2622

(α, p) t

²⁶Fe-53

Radionuclide Production Cross Section



— 26-Fe-53g
- - - 26-Fe-53m,22

18

Incident Energy (MeV)

²⁶Fe-53