

Program EVALPLOT
(Version 2018-1)

by

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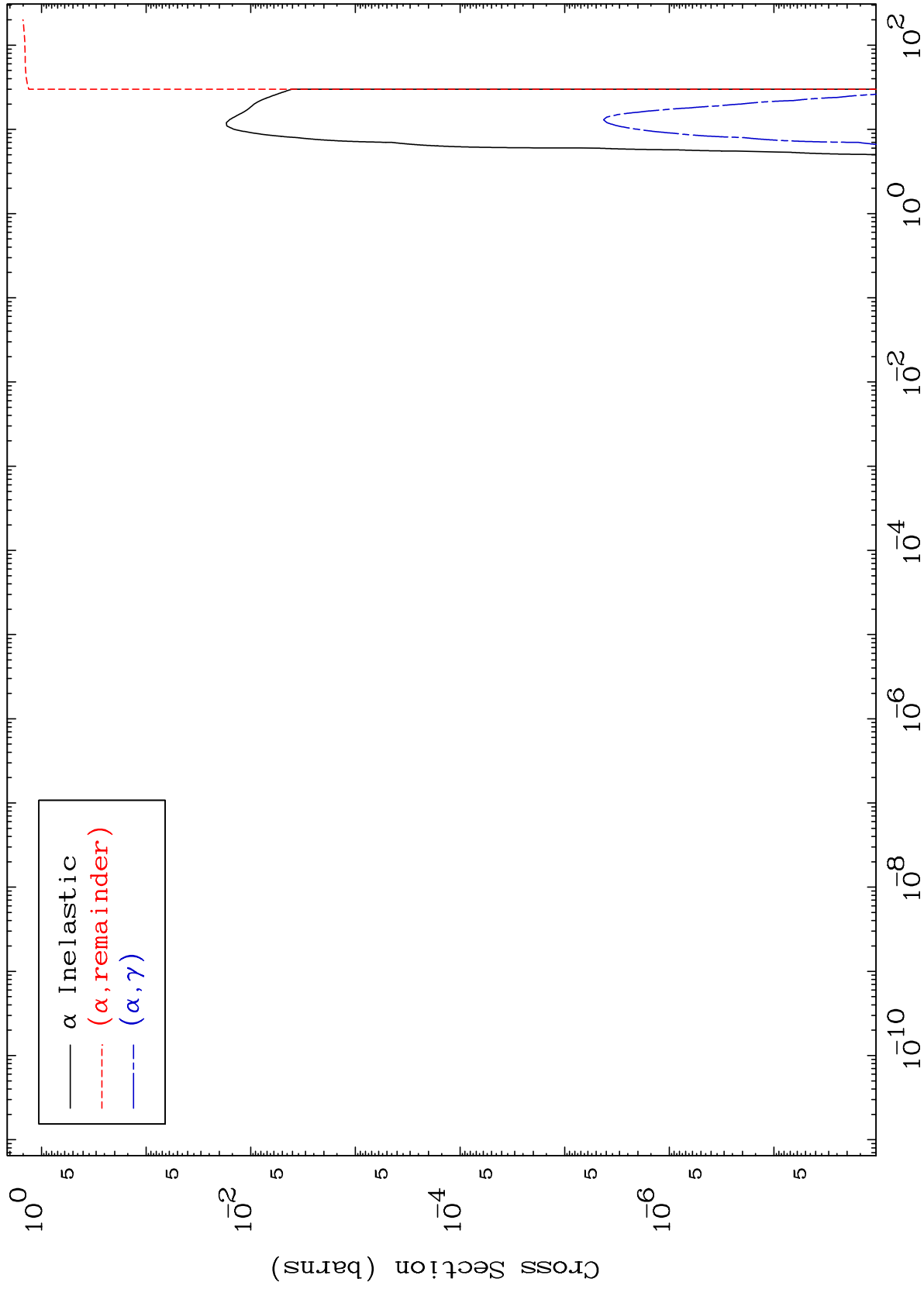
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2623

0 Kelvin α Major
Cross Sections

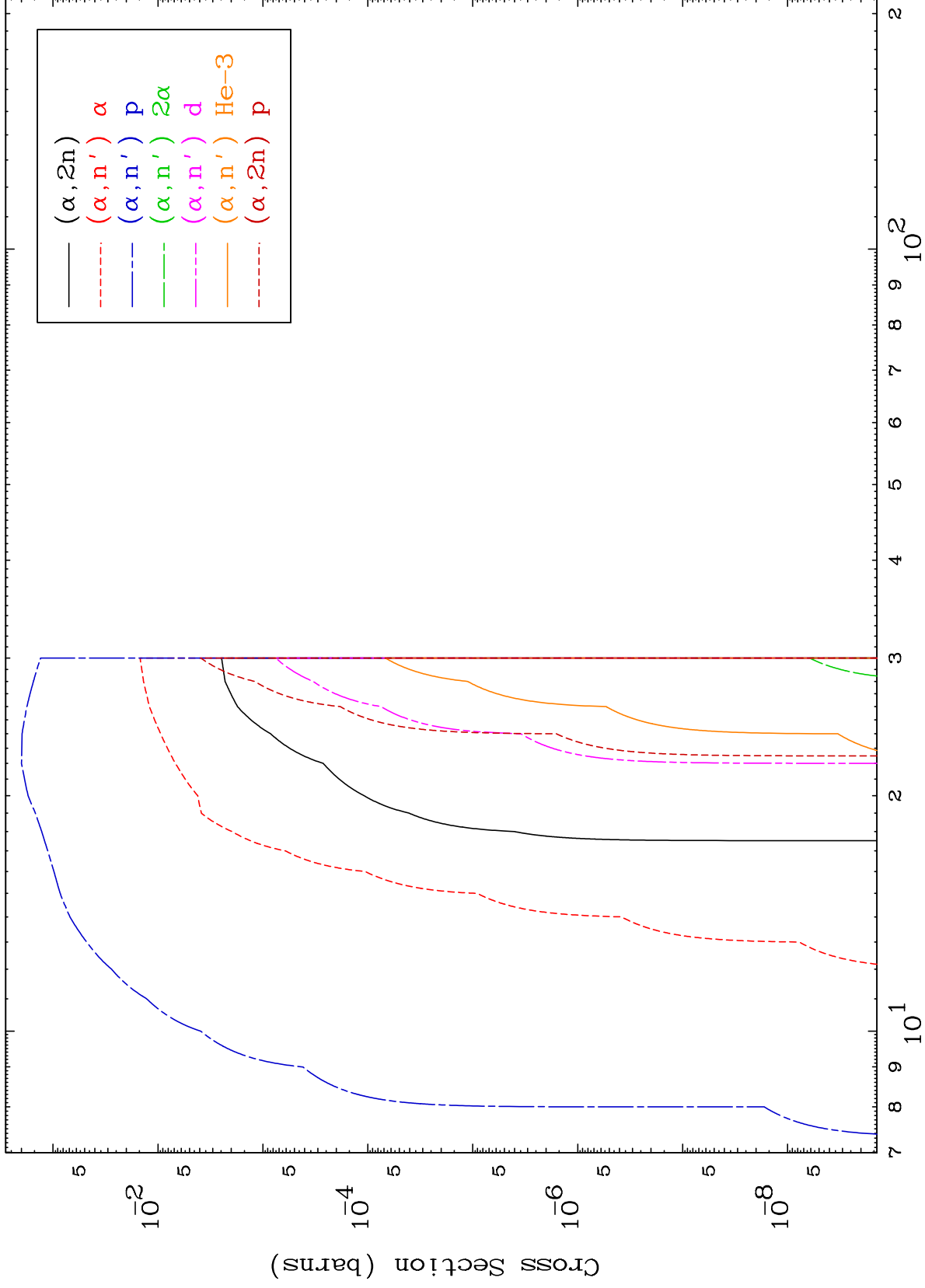
26-Fe-53



MAT 2623

α Neutron Production
0 Kelvin Cross Sections

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



2

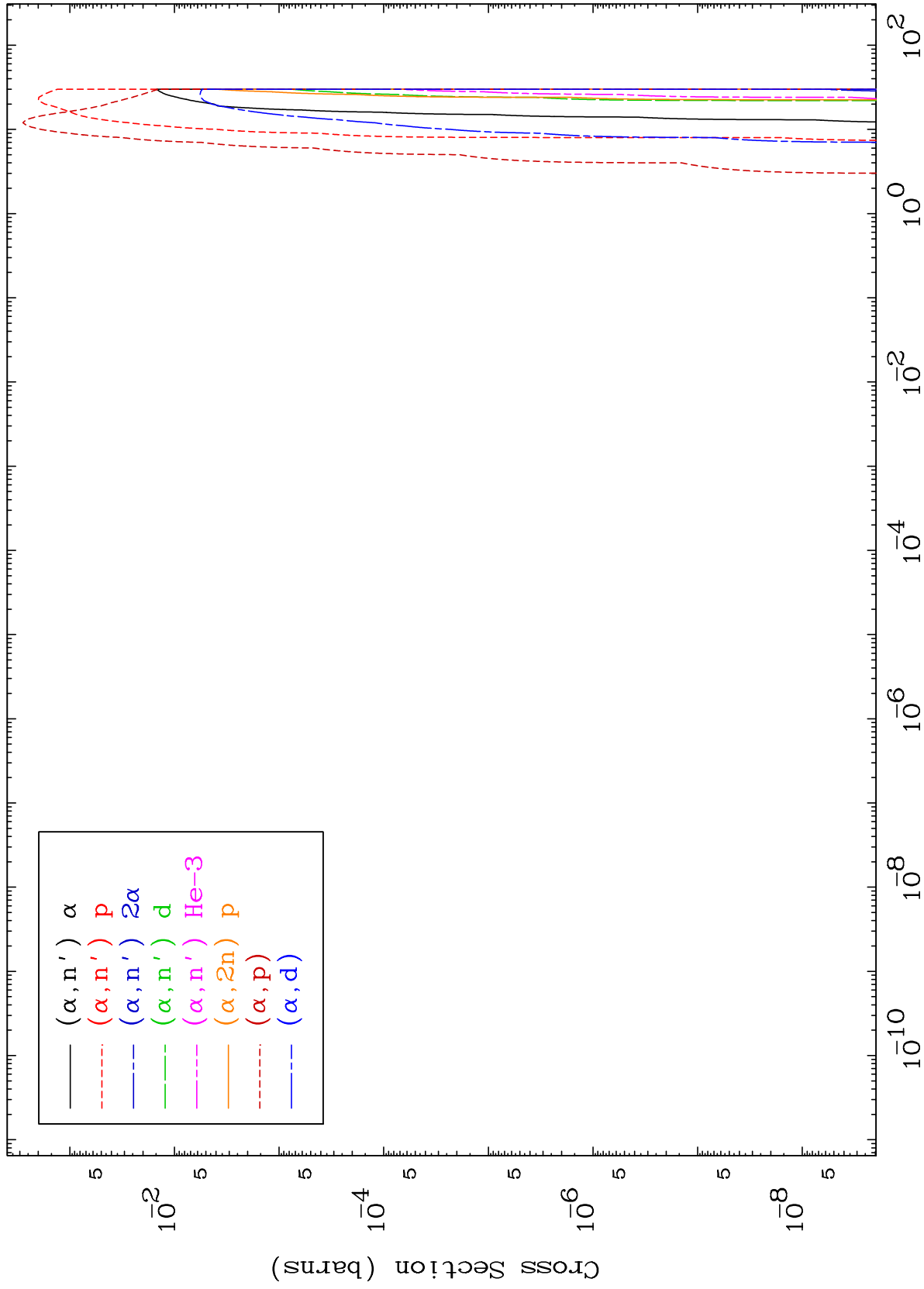
Incident Energy (MeV)

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

MAT 2623

α Charged Particle
0 Kelvin Cross Sections

26-Fe-53



3

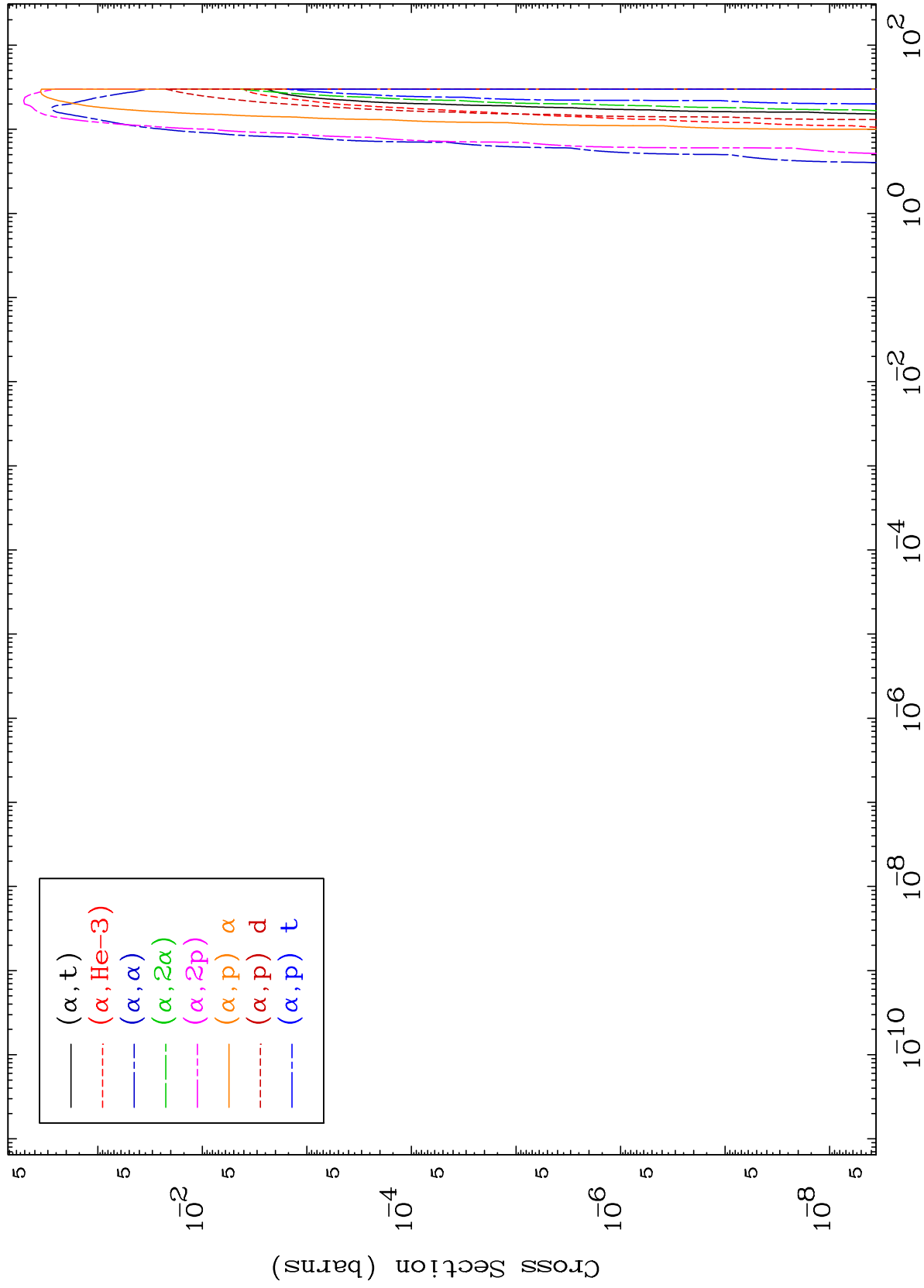
Incident Energy (MeV)

26-Fe-53

MAT 2623

α Charged Particle
0 Kelvin Cross Sections

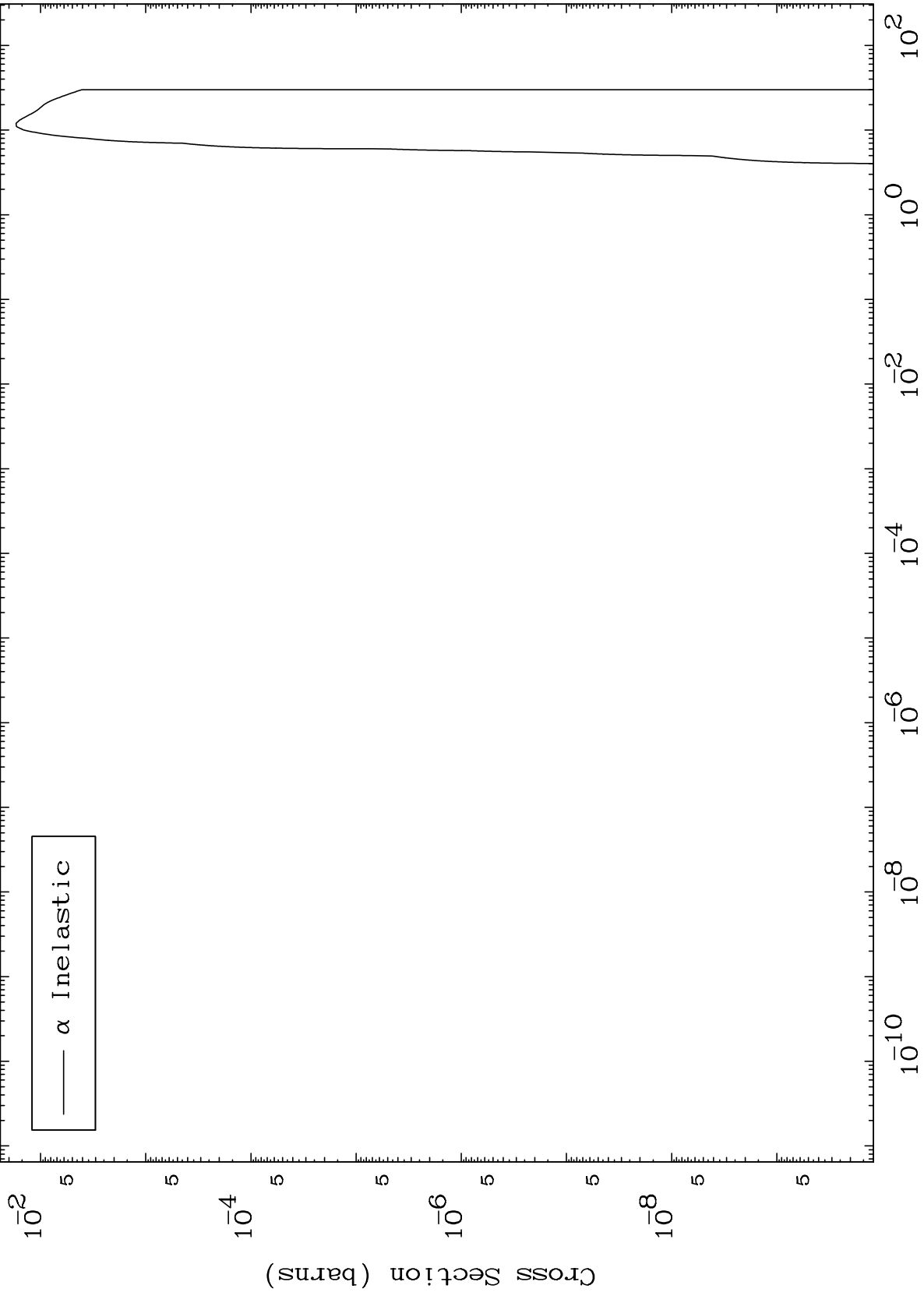
26-Fe-53



MAT 2623

(α, n') Level
0 Kelvin Cross Sections

26-Fe-53



5

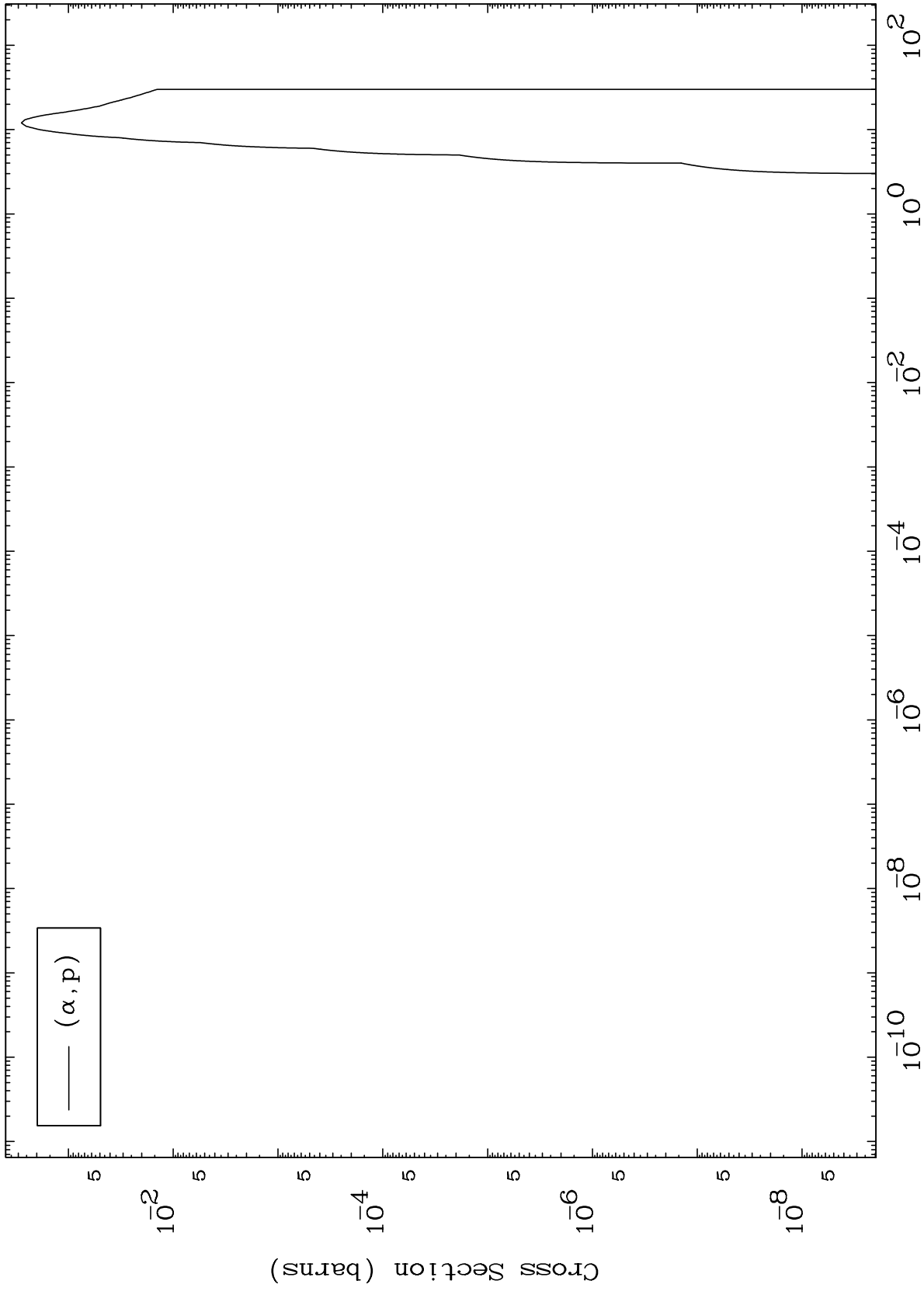
Incident Energy (MeV)

26-Fe-53

MAT 2623

(α, p) Levels
0 Kelvin Cross Sections

26-Fe-53



6

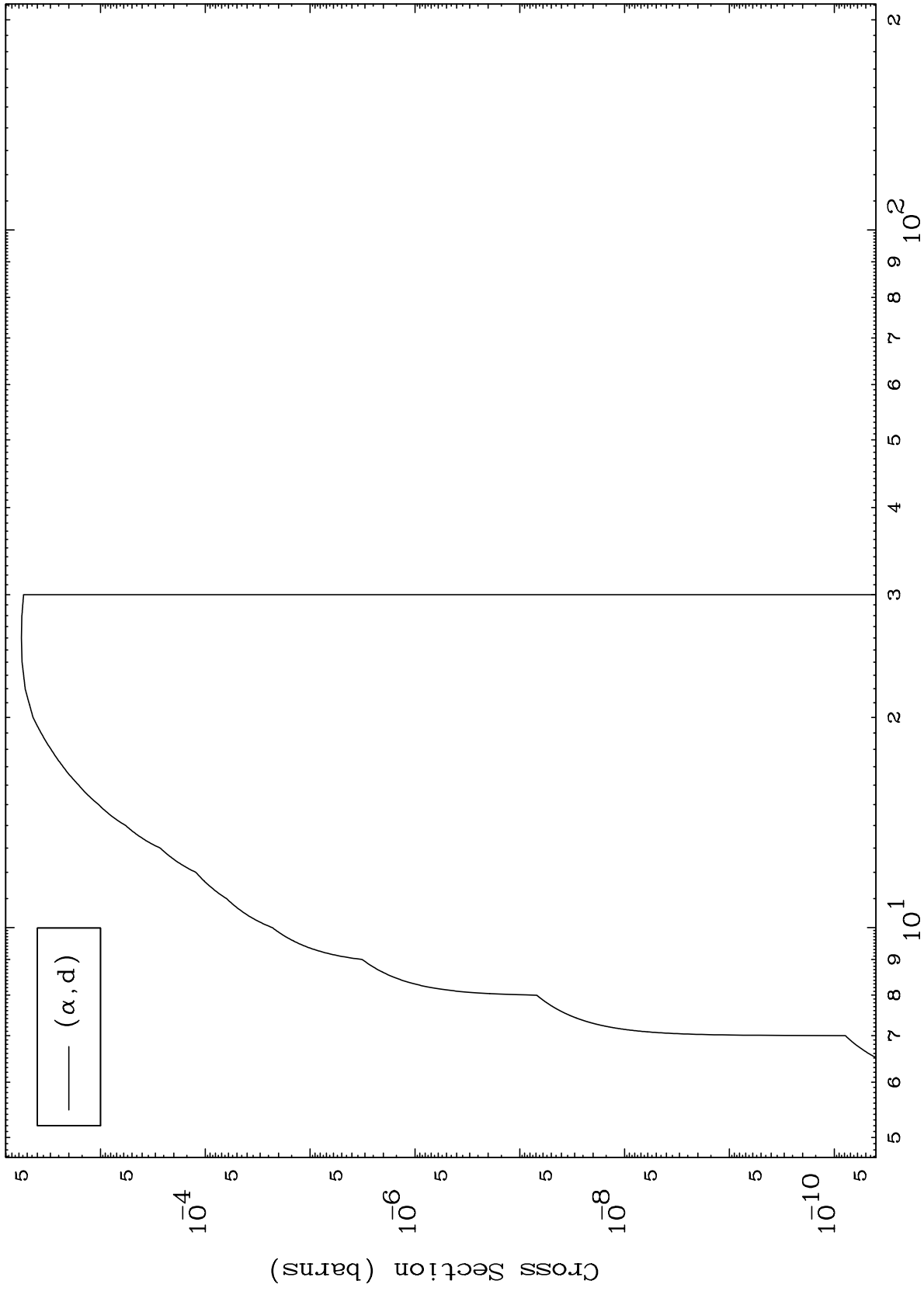
Incident Energy (MeV)

26-Fe-53

MAT 2623

(α, d) Levels
0 Kelvin Cross Sections

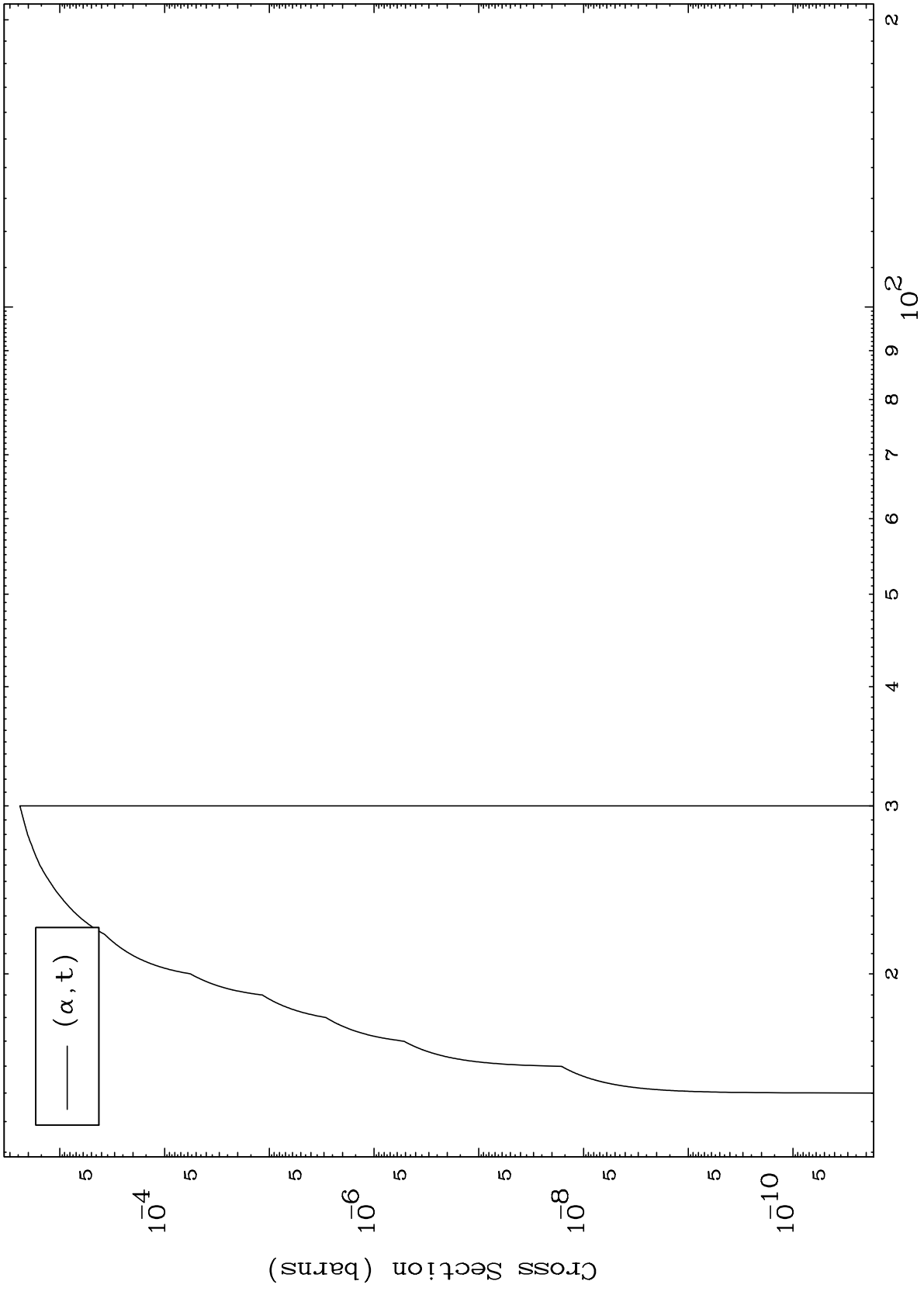
$^{26}\text{Fe-53}$

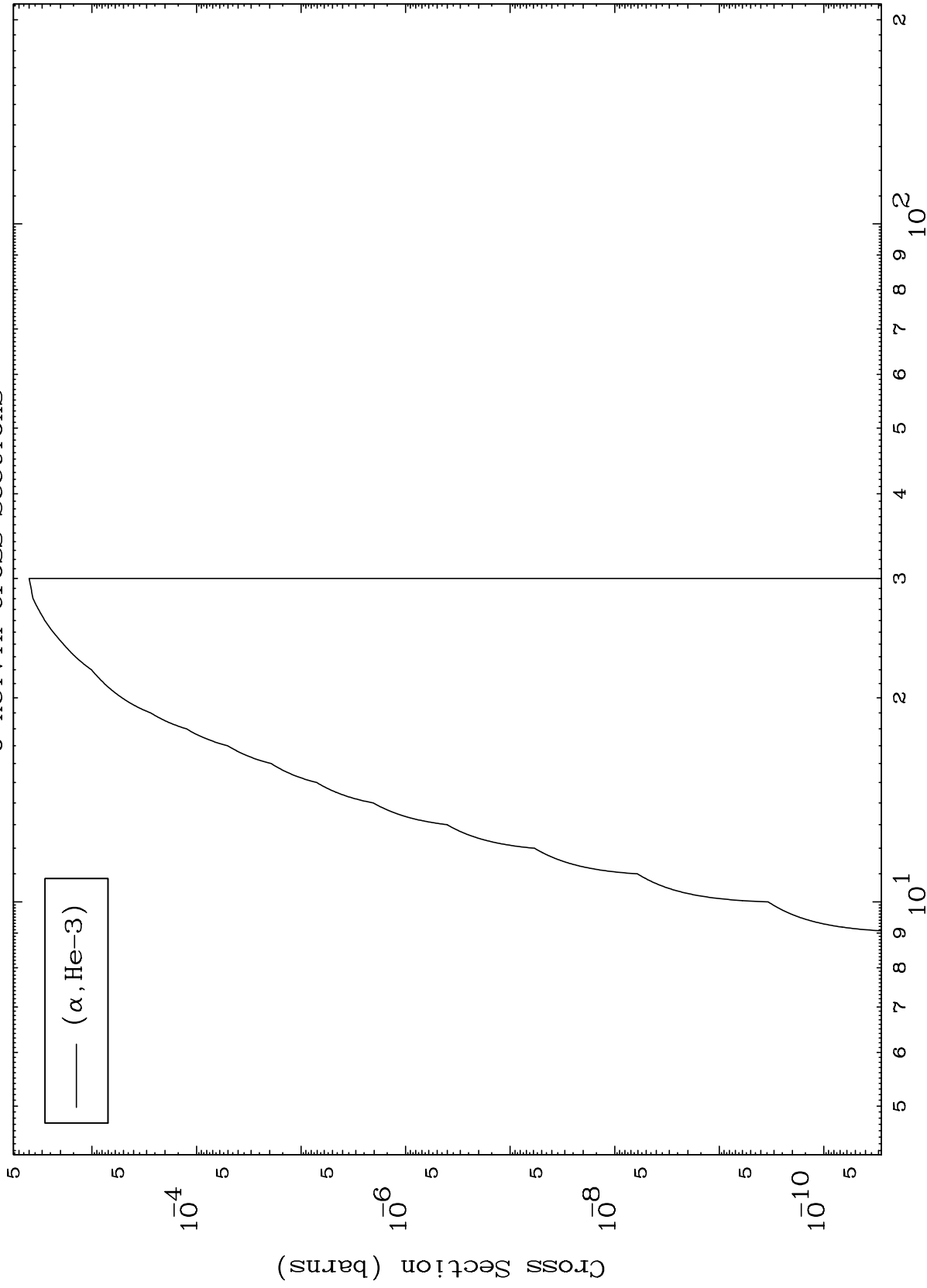


7

Incident Energy (MeV)

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

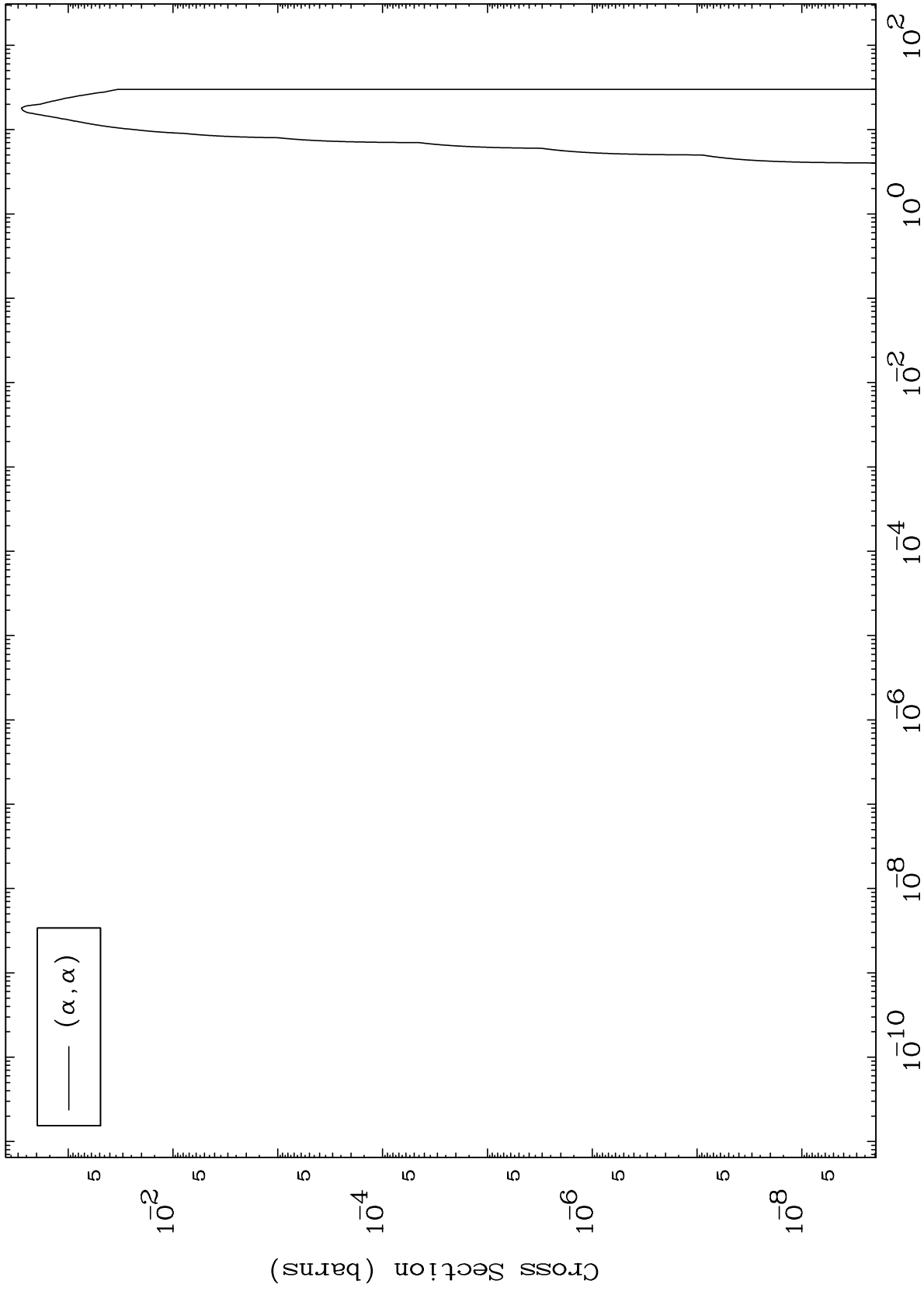




MAT 2623

(α, α) Levels
0 Kelvin Cross Sections

26-Fe-53



10

Incident Energy (MeV)

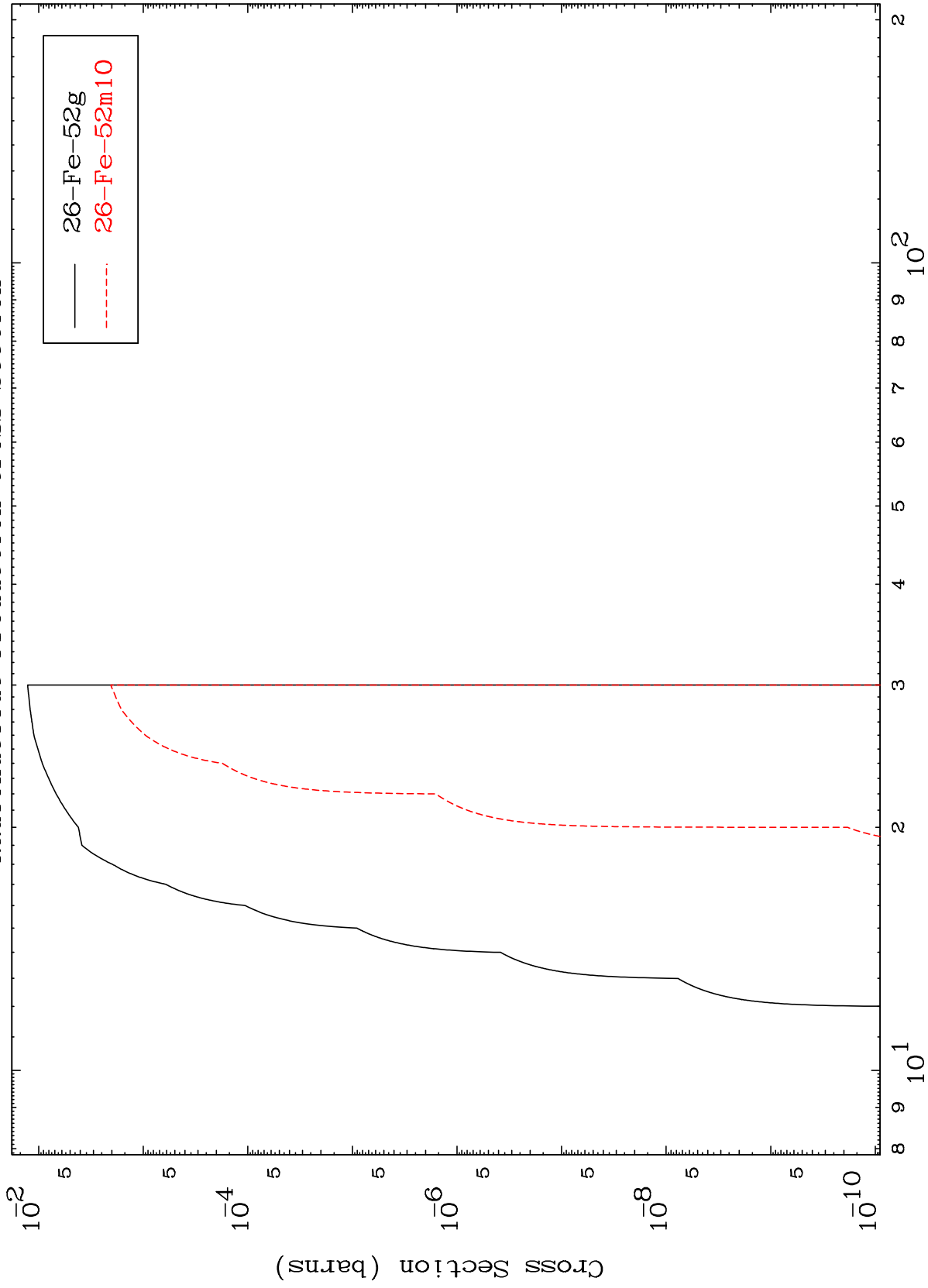
26-Fe-53

MAT 2623

(α, n') α

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

Radionuclide Production Cross Section



11

Incident Energy (MeV)

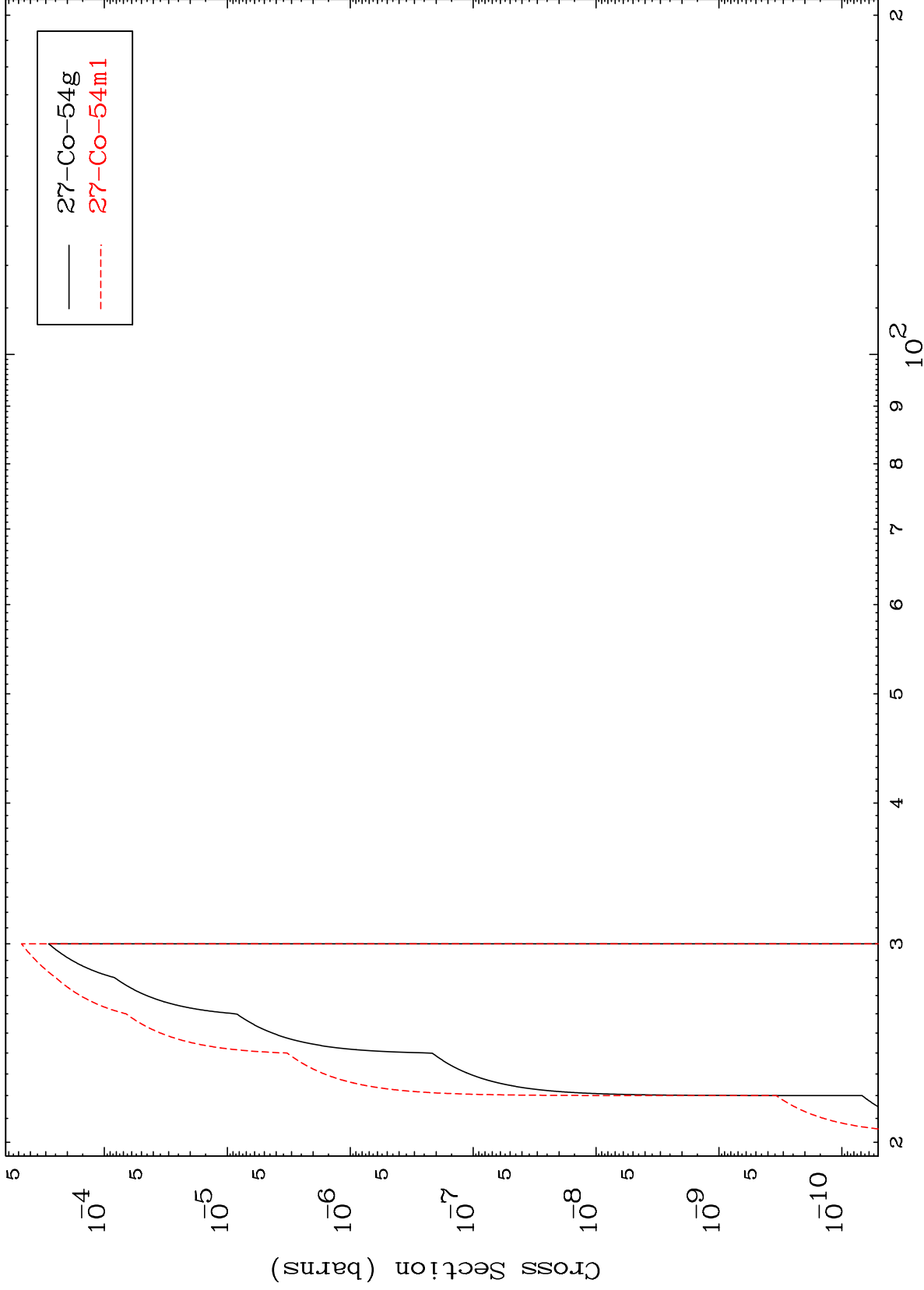
$^{26}\text{Fe-53}$

MAT 2623

(α, n') d

²⁶Fe-53

Radionuclide Production Cross Section



12

Incident Energy (MeV)

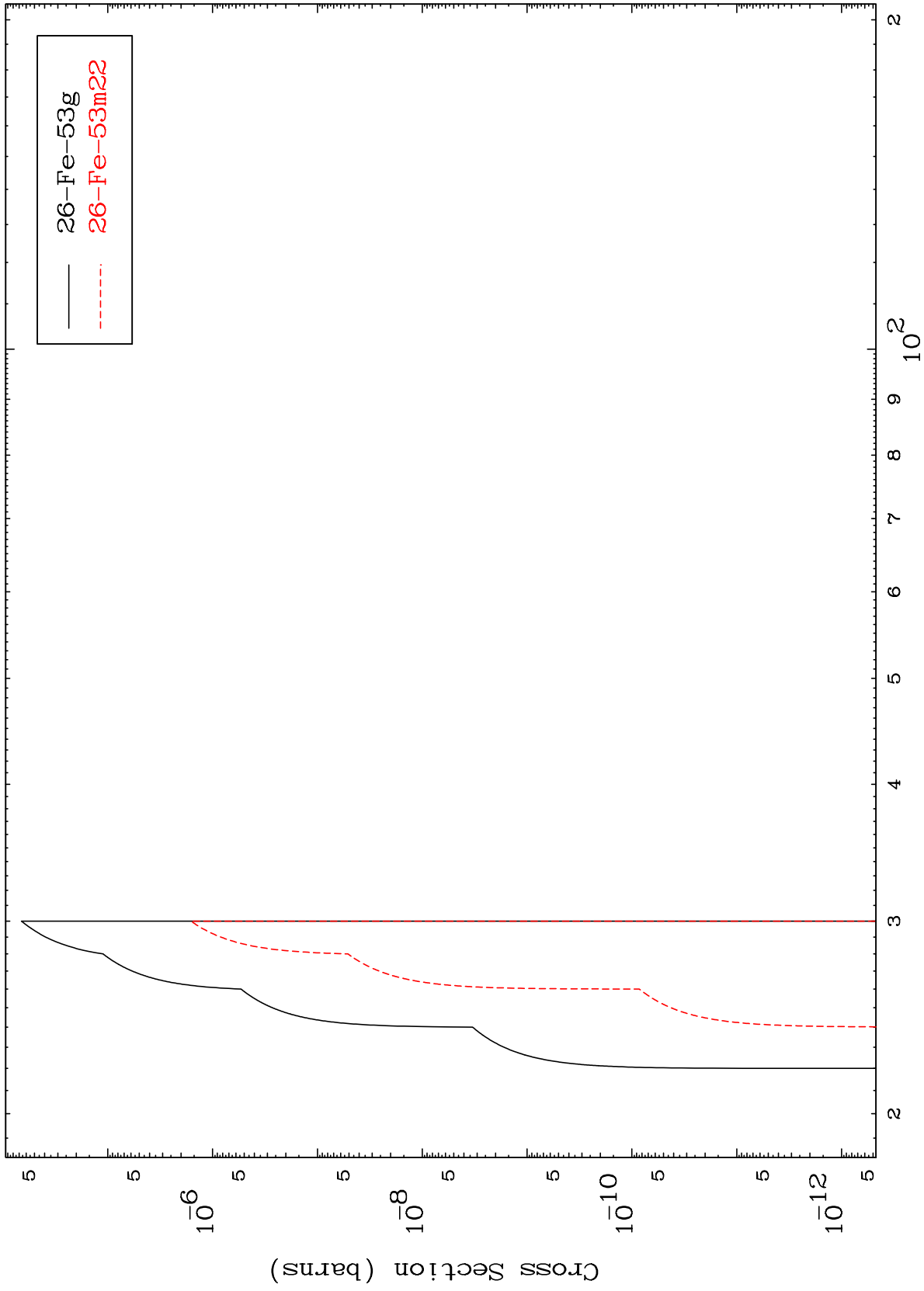
²⁶Fe-53

MAT 2623

(α, n') He-3

²⁶Fe-53

Radionuclide Production Cross Section



13

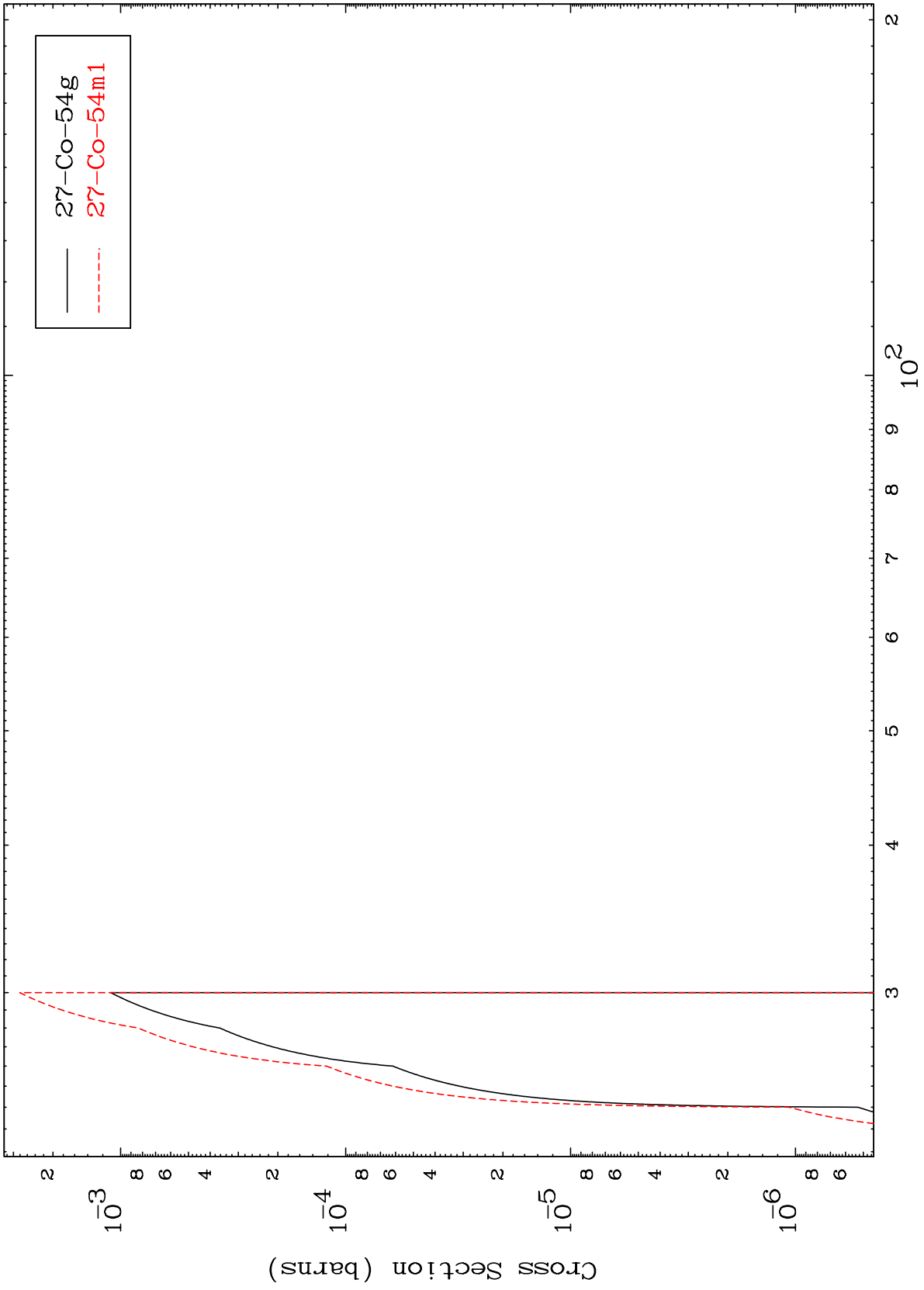
Incident Energy (MeV)

²⁶Fe-53

MAT 2623

²⁶Fe-53

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



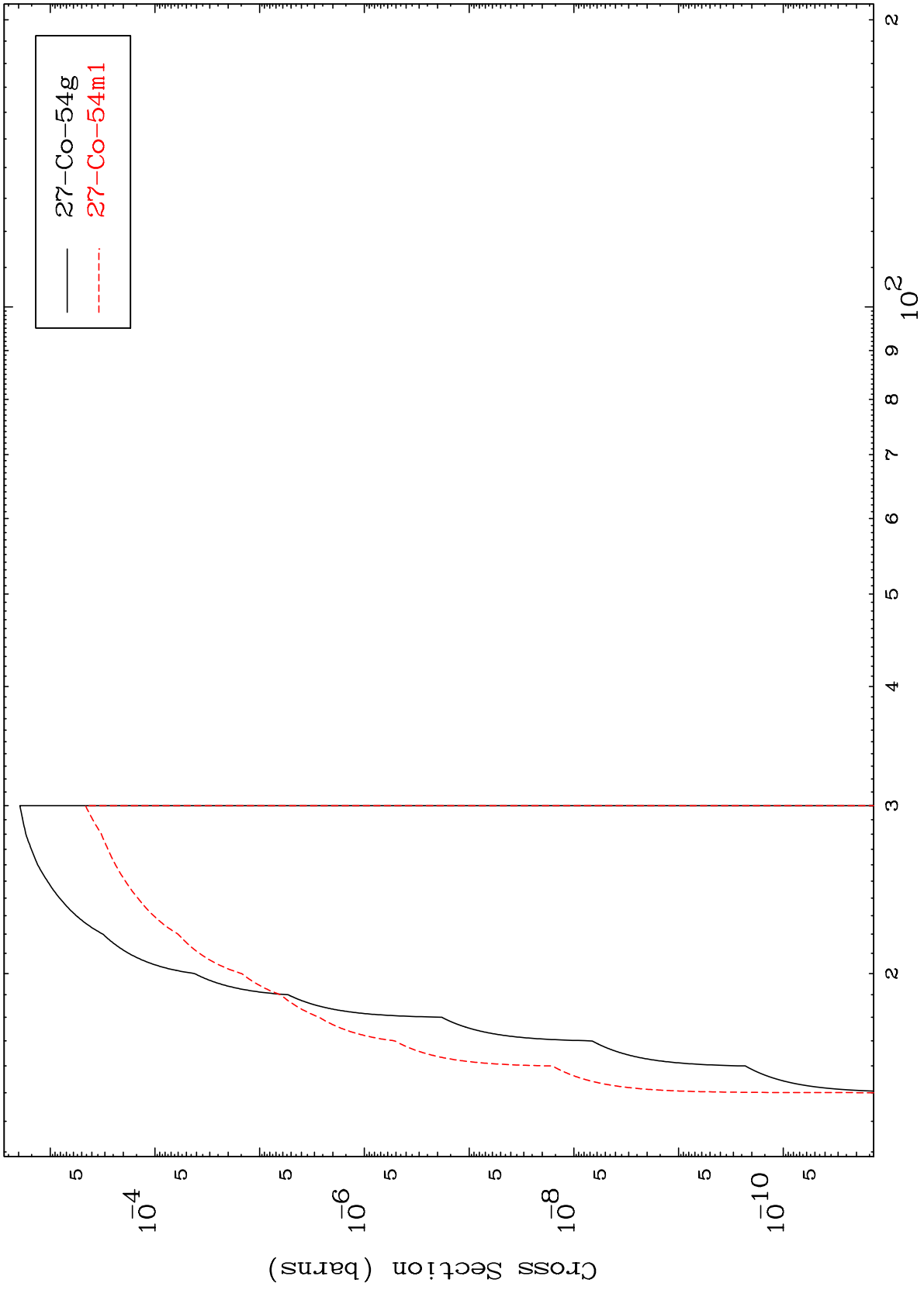
14

²⁶Fe-53

MAT 2623

²⁶Fe-53

(α, t)
Radionuclide Production Cross Section



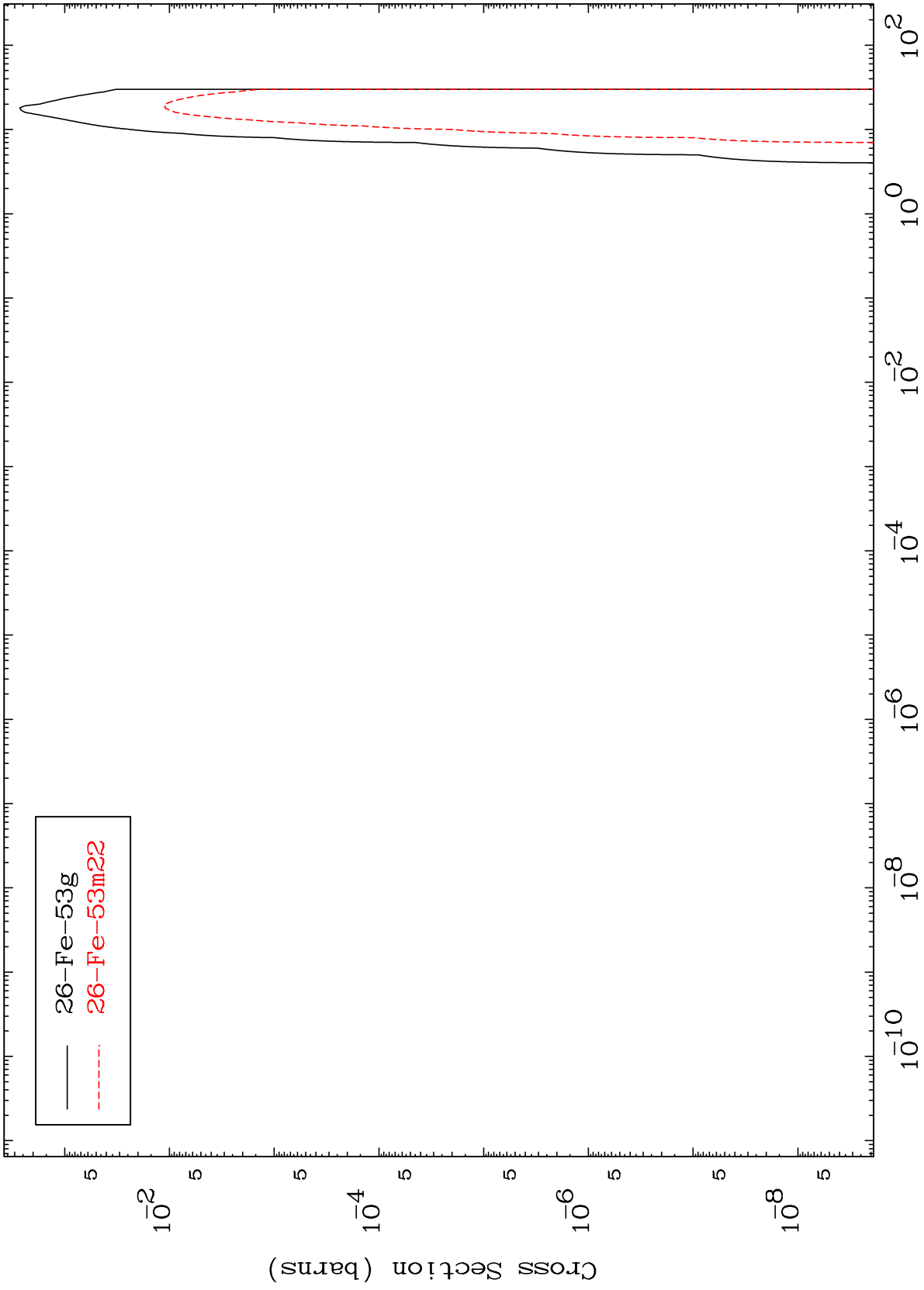
15

²⁶Fe-53

MAT 2623

(α, α)
Radionuclide Production Cross Section

²⁶Fe-53



16

Incident Energy (MeV)

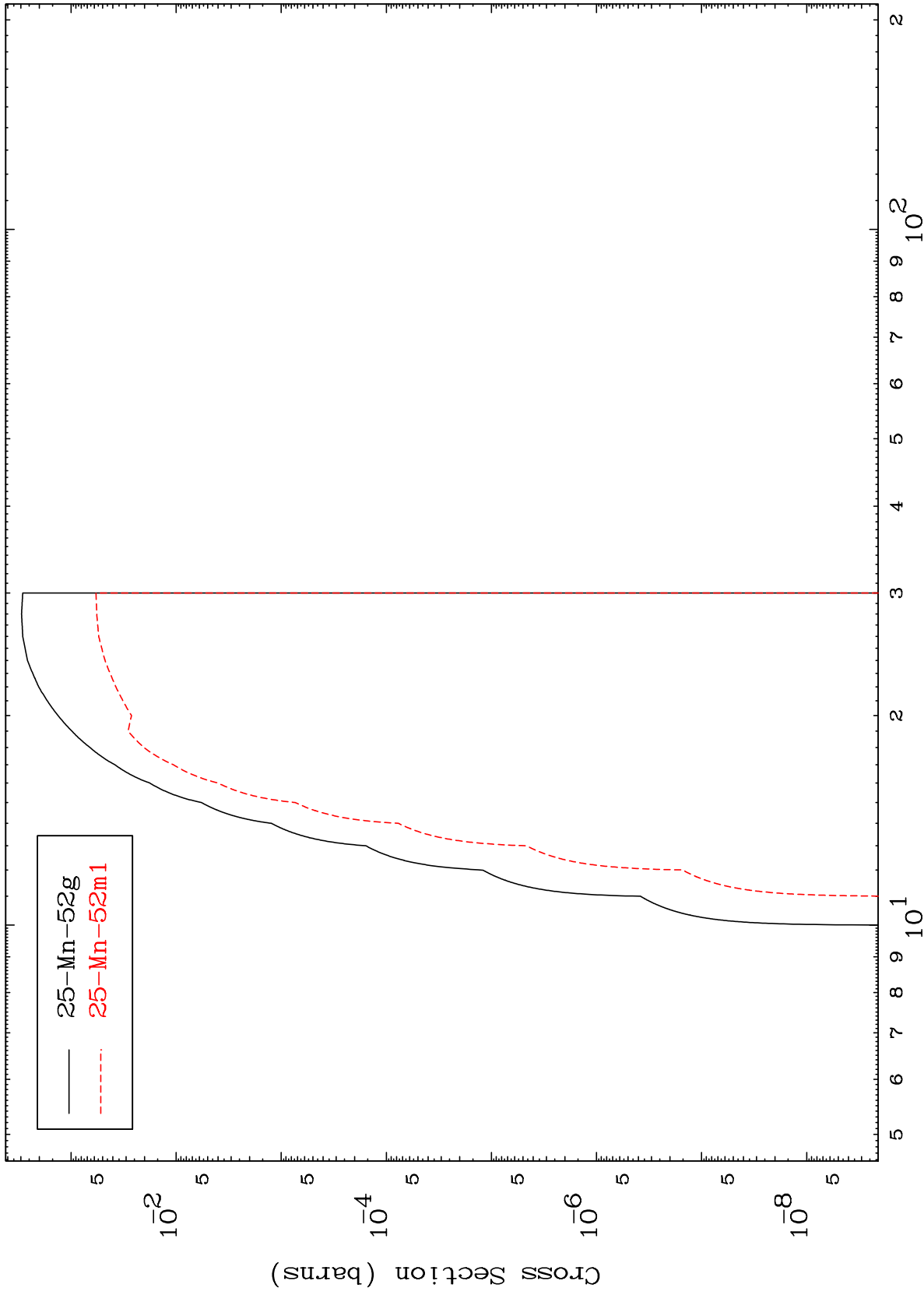
²⁶Fe-53

MAT 2623

(α, p) α

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

Radionuclide Production Cross Section



17

Incident Energy (MeV)

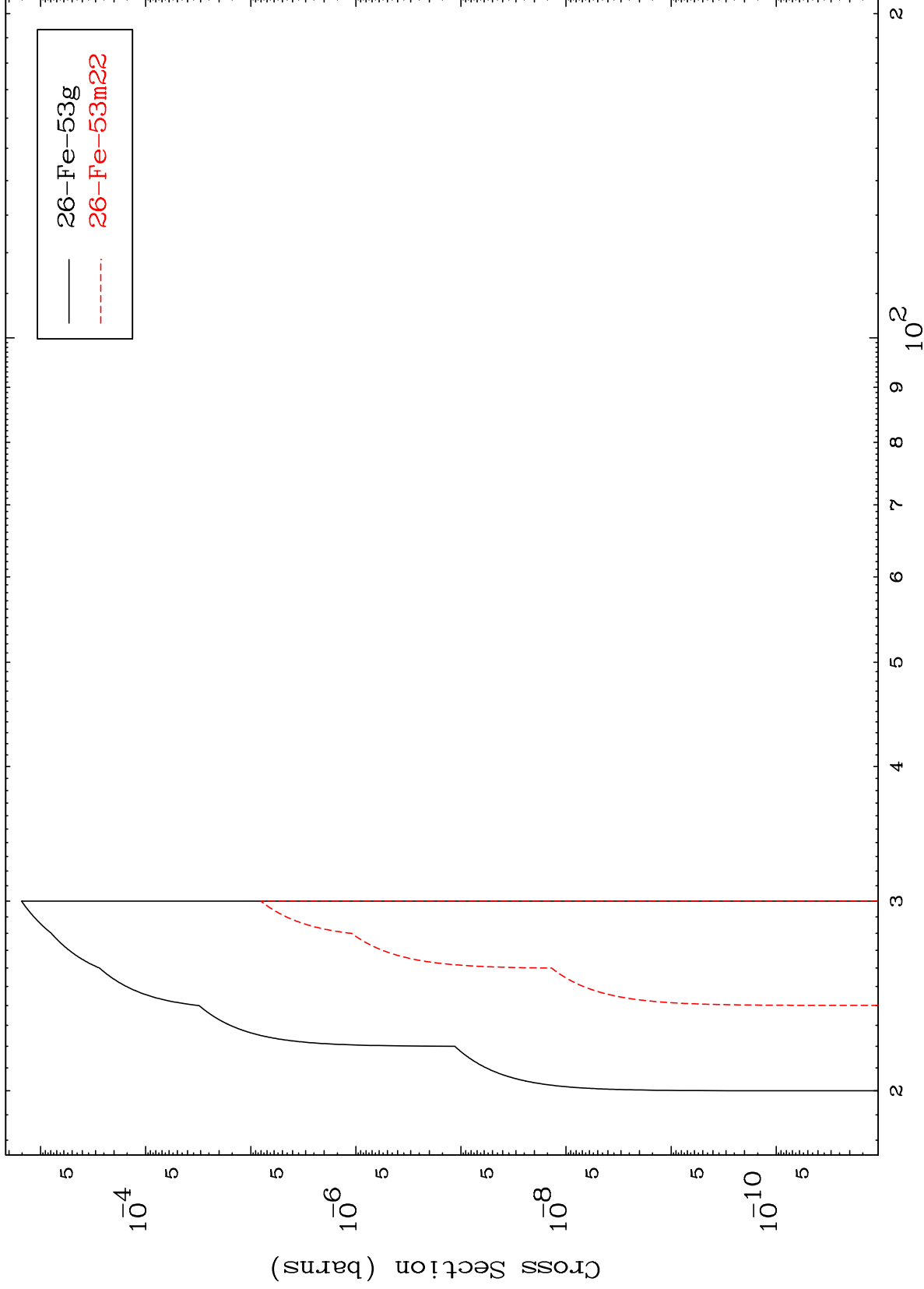
$^{26}\text{Fe-53}$

MAT 2623

(α, p) t

²⁶Fe-53

Radionuclide Production Cross Section



18

Incident Energy (MeV)

²⁶Fe-53