

Program EVALPLOT
(Version 2018-1)

by

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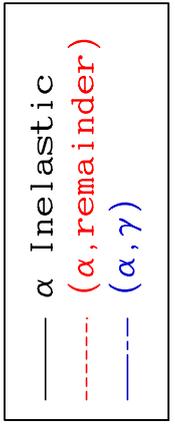
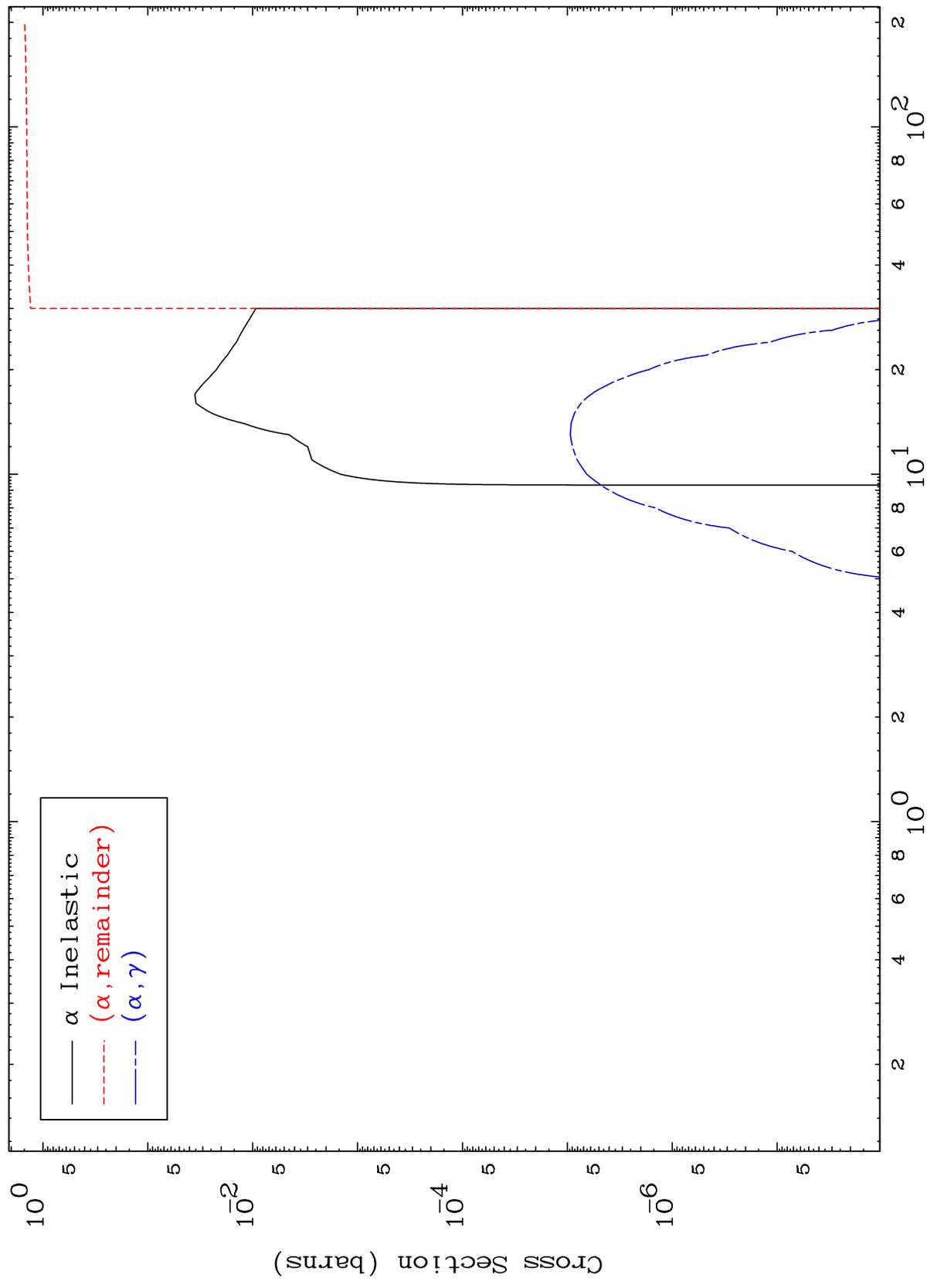
Press Mouse Button to Start

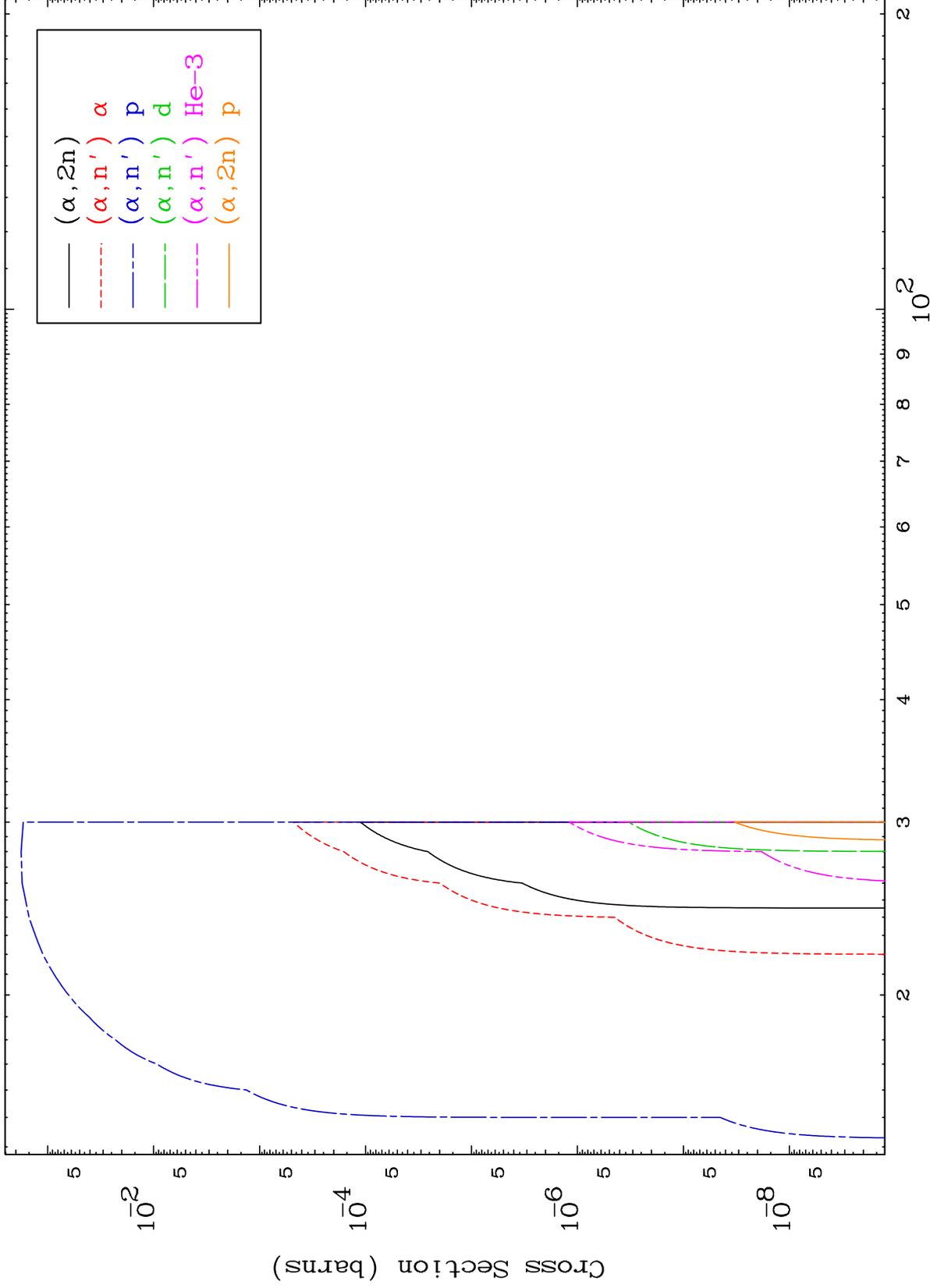
MAT 2619

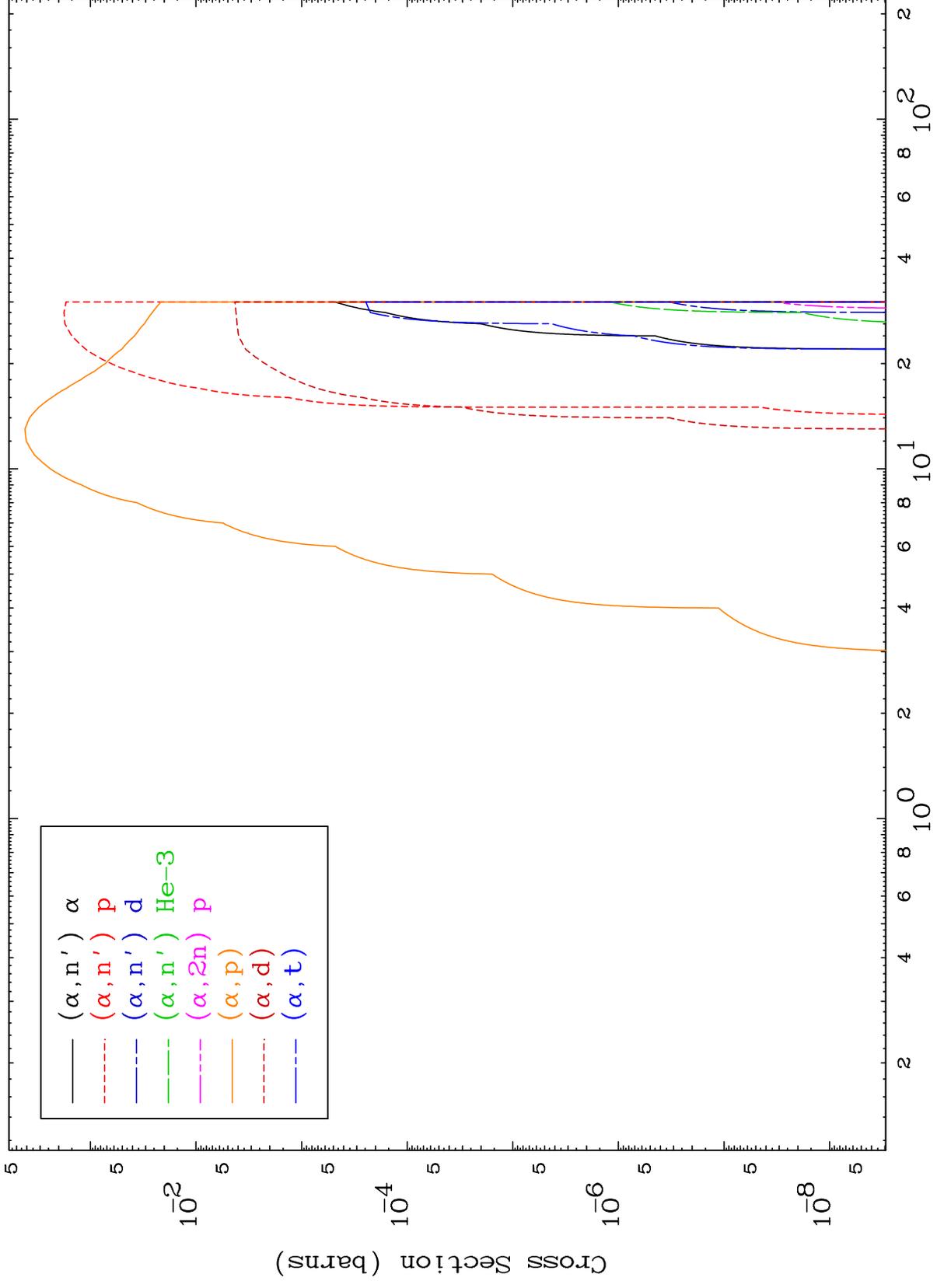
α Major

26-Fe-52

0 Kelvin Cross Sections



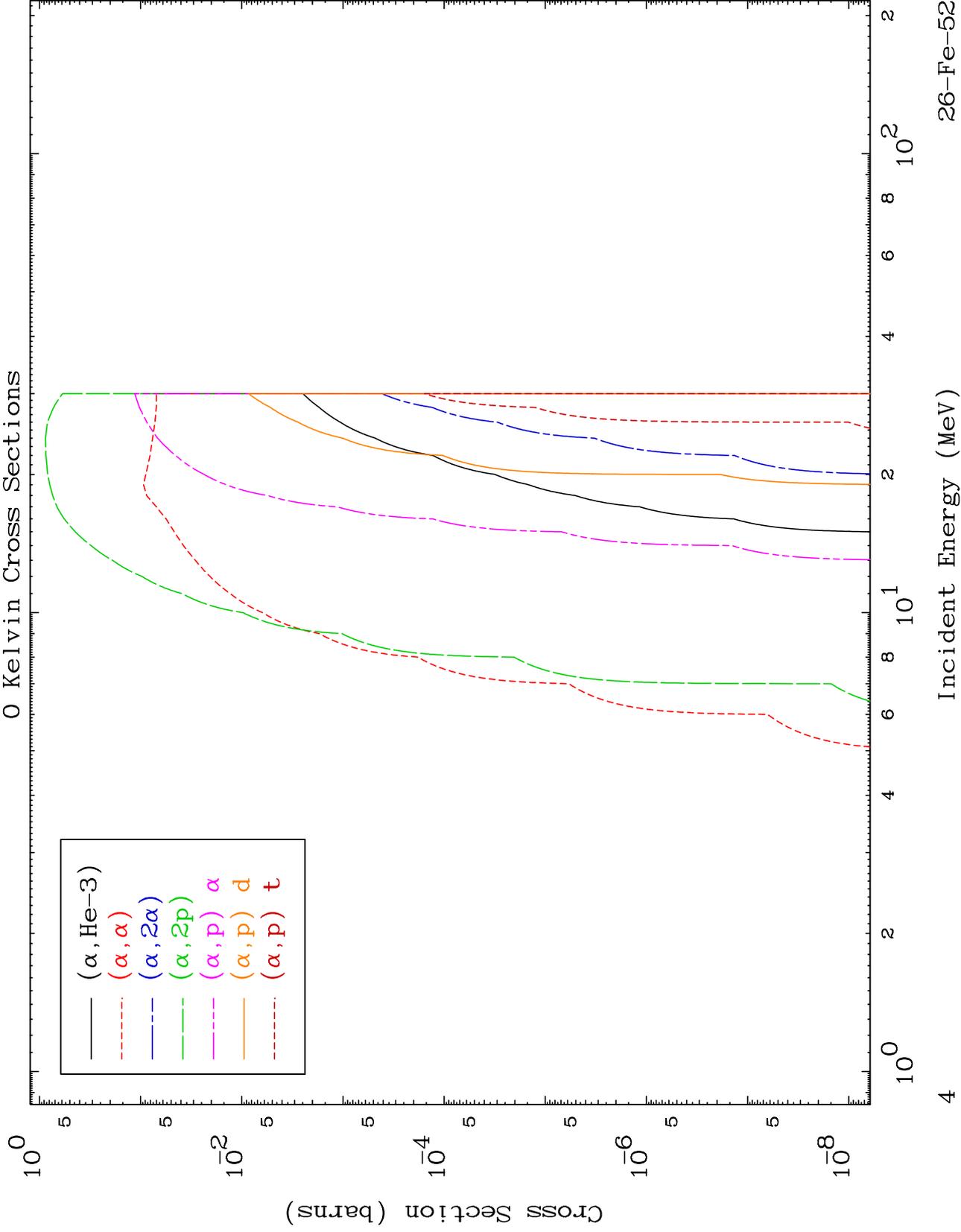




MAT 2619

α Charged Particle
0 Kelvin Cross Sections

26-Fe-52



Incident Energy (MeV)

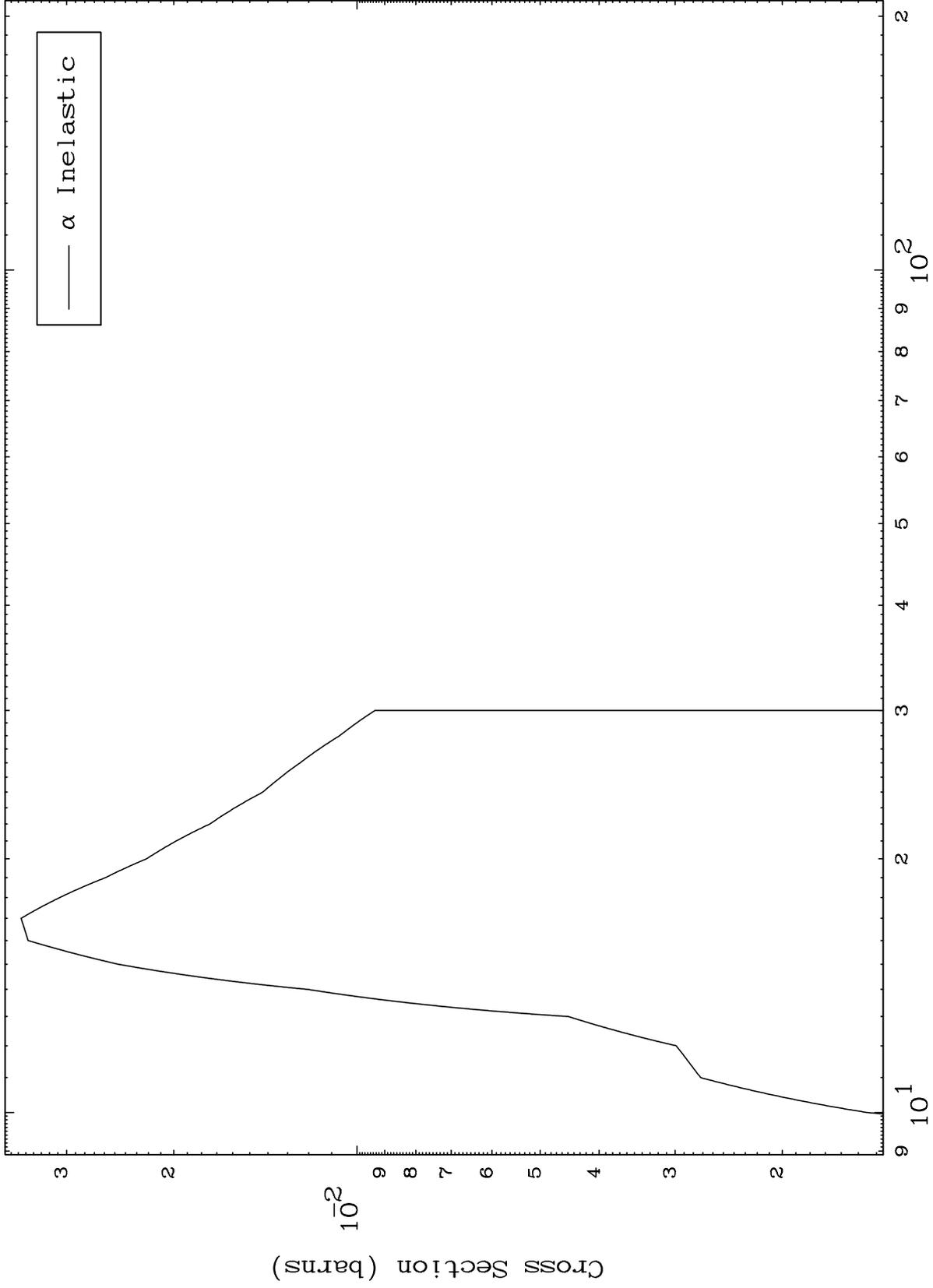
26-Fe-52

MAT 2619

(α, n') Level

26-Fe-52

0 Kelvin Cross Sections



α Inelastic

26-Fe-52

Incident Energy (MeV)

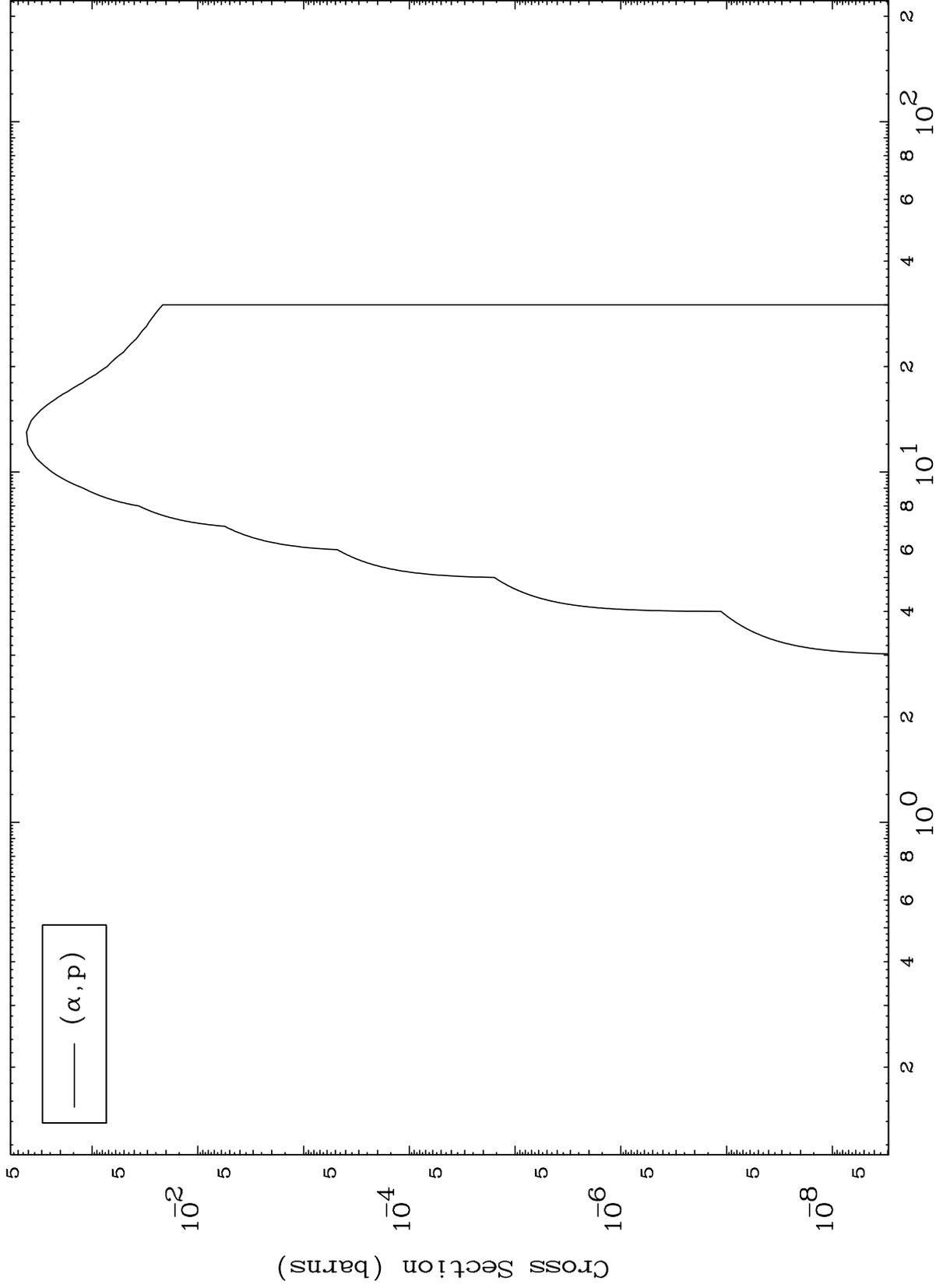
5

MAT 2619

(α, p) Levels

26-Fe-52

0 Kelvin Cross Sections



6

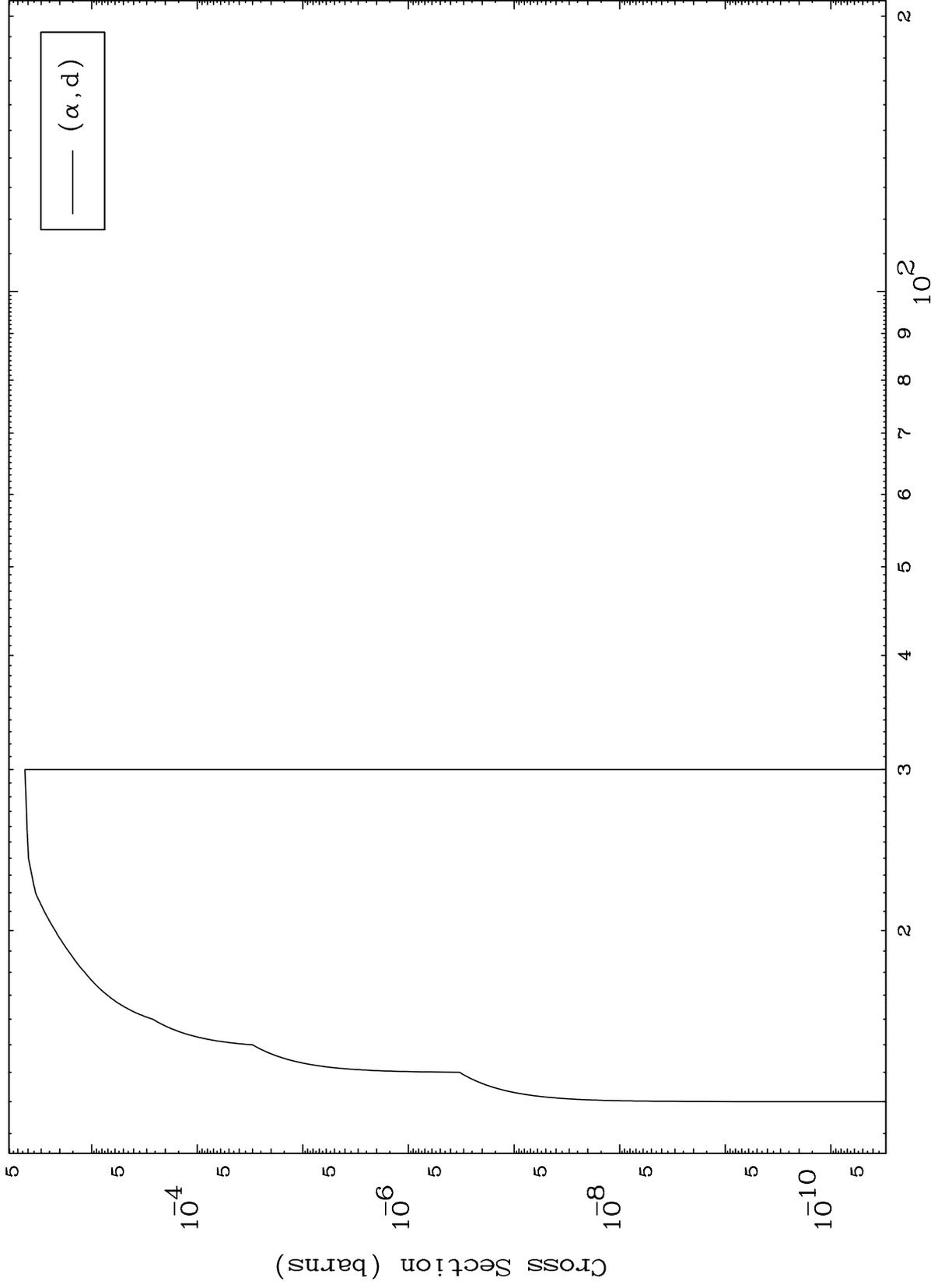
Incident Energy (MeV)

26-Fe-52

MAT 2619

(α, d) Levels
0 Kelvin Cross Sections

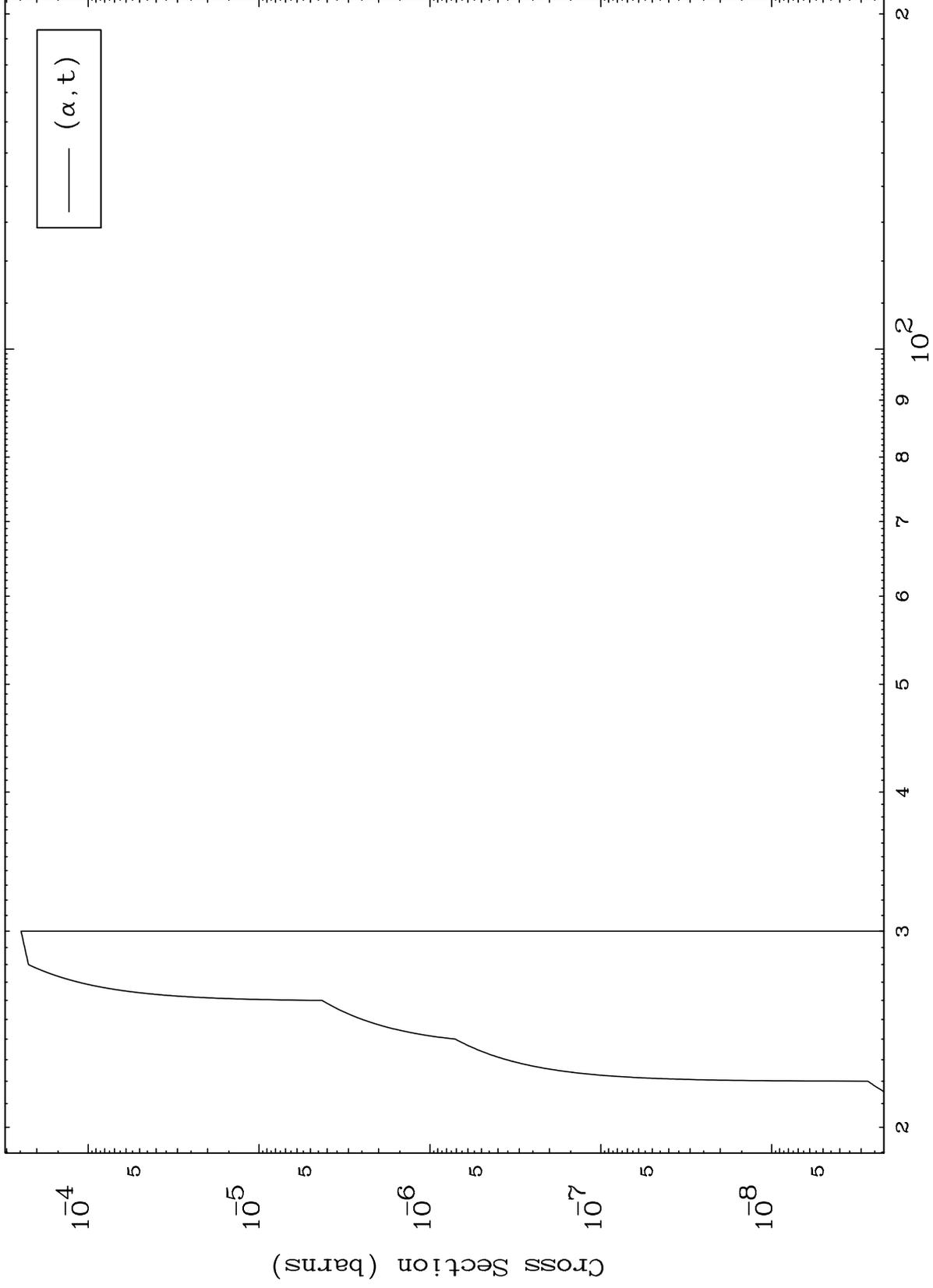
26-Fe-52



MAT 2619

(α, t) Levels
0 Kelvin Cross Sections

26-Fe-52

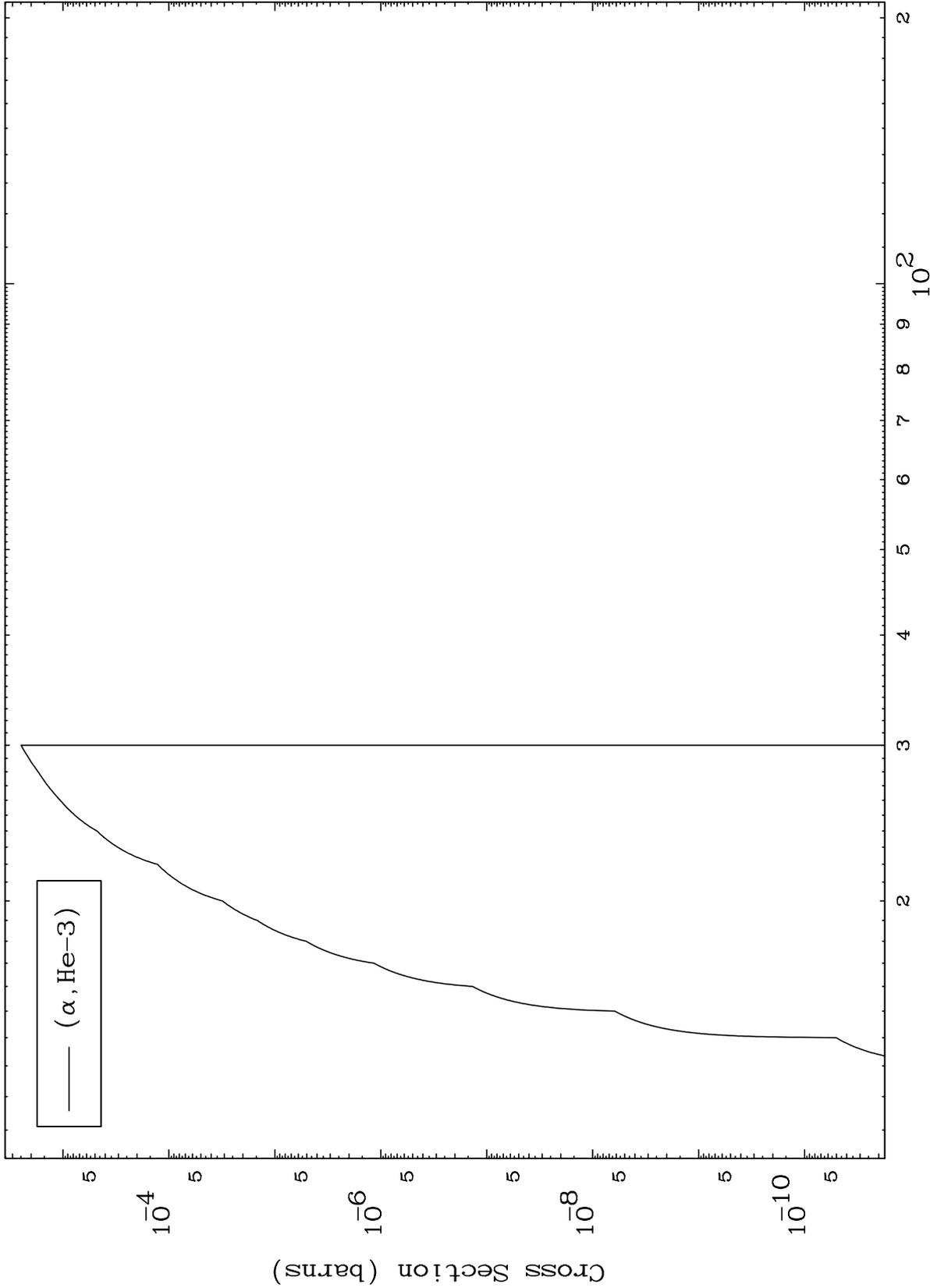


8

Incident Energy (MeV)

26-Fe-52

0 Kelvin Cross Sections

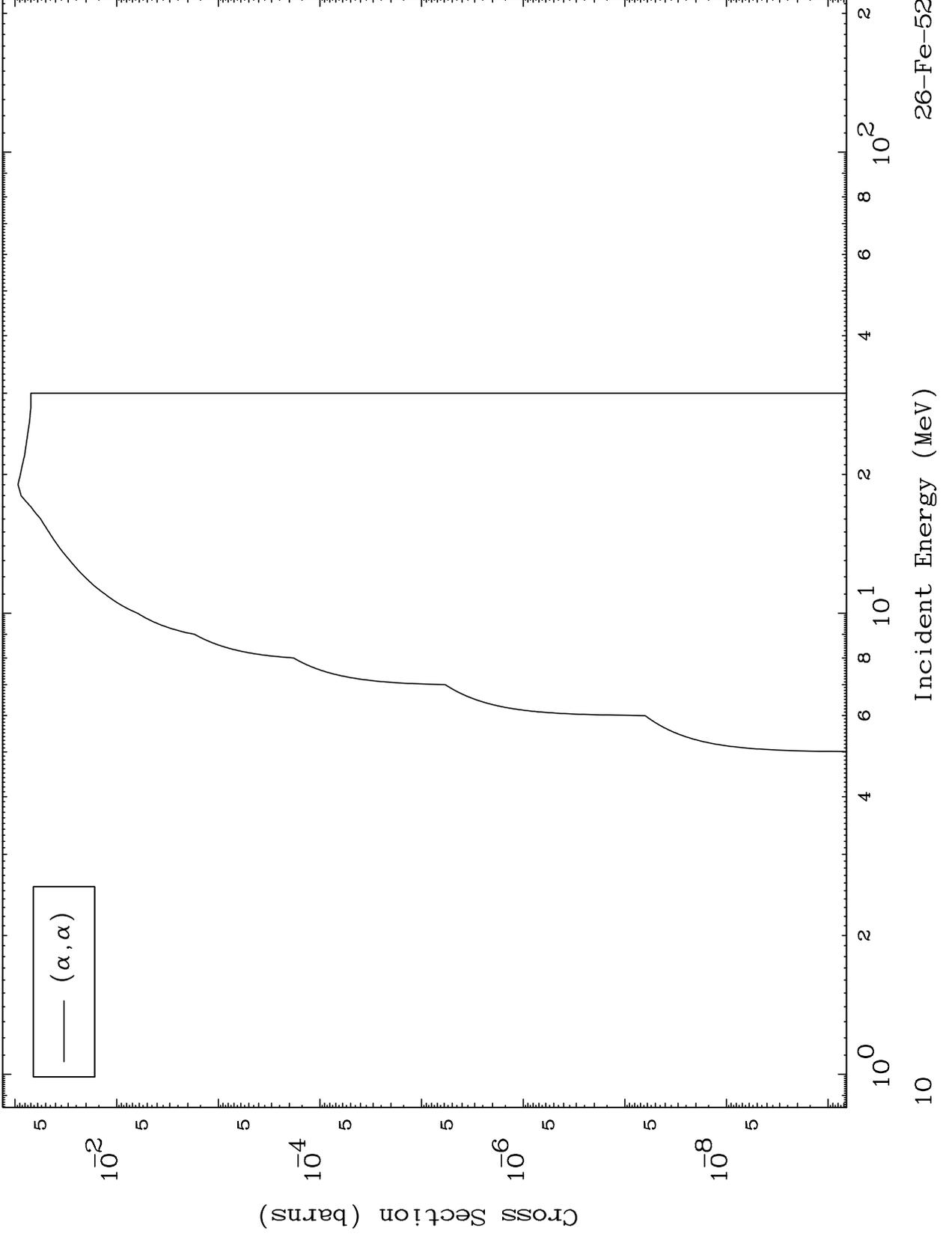


MAT 2619

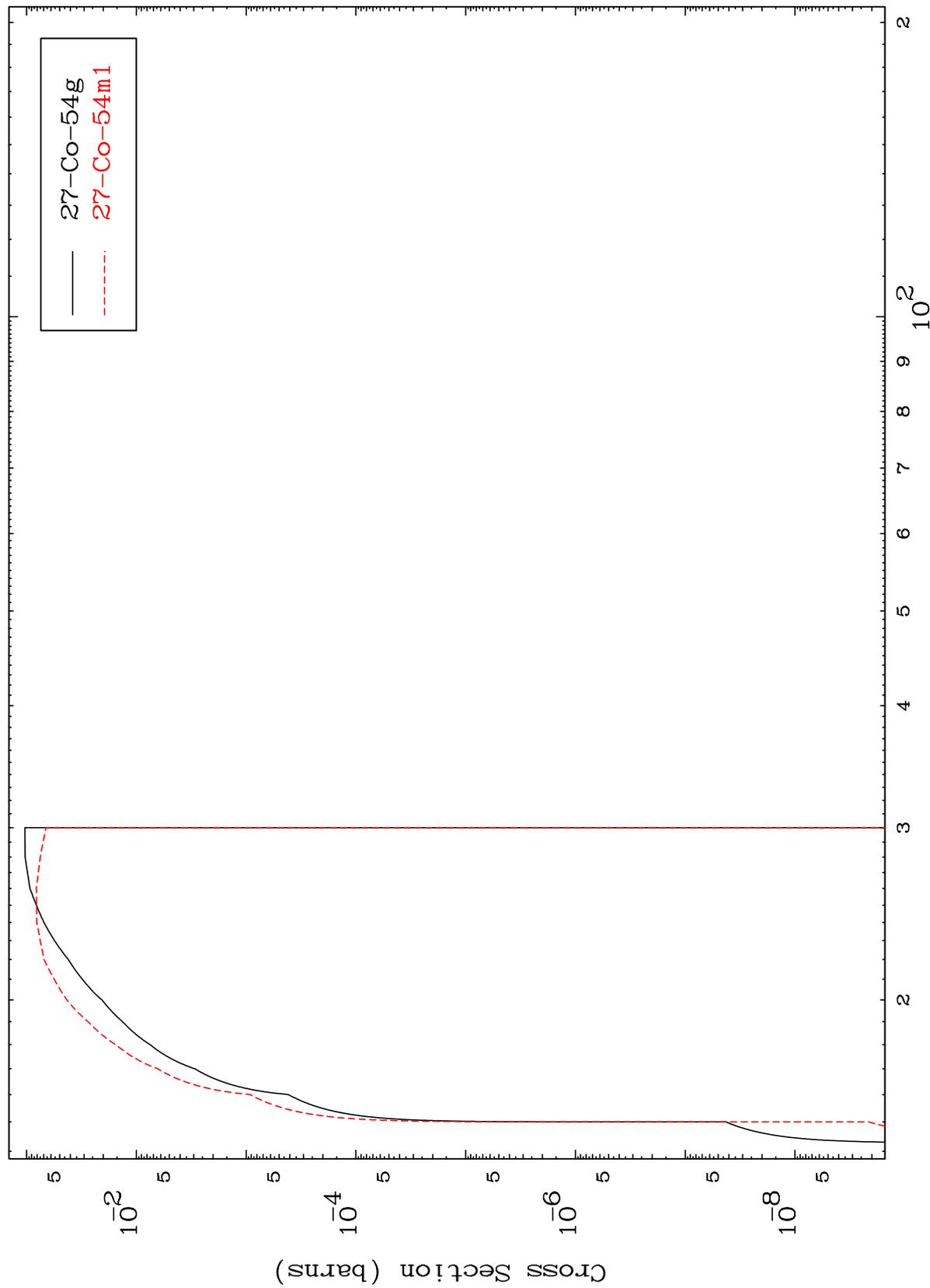
(α, α) Levels

26-Fe-52

0 Kelvin Cross Sections



Radionuclide Production Cross Section

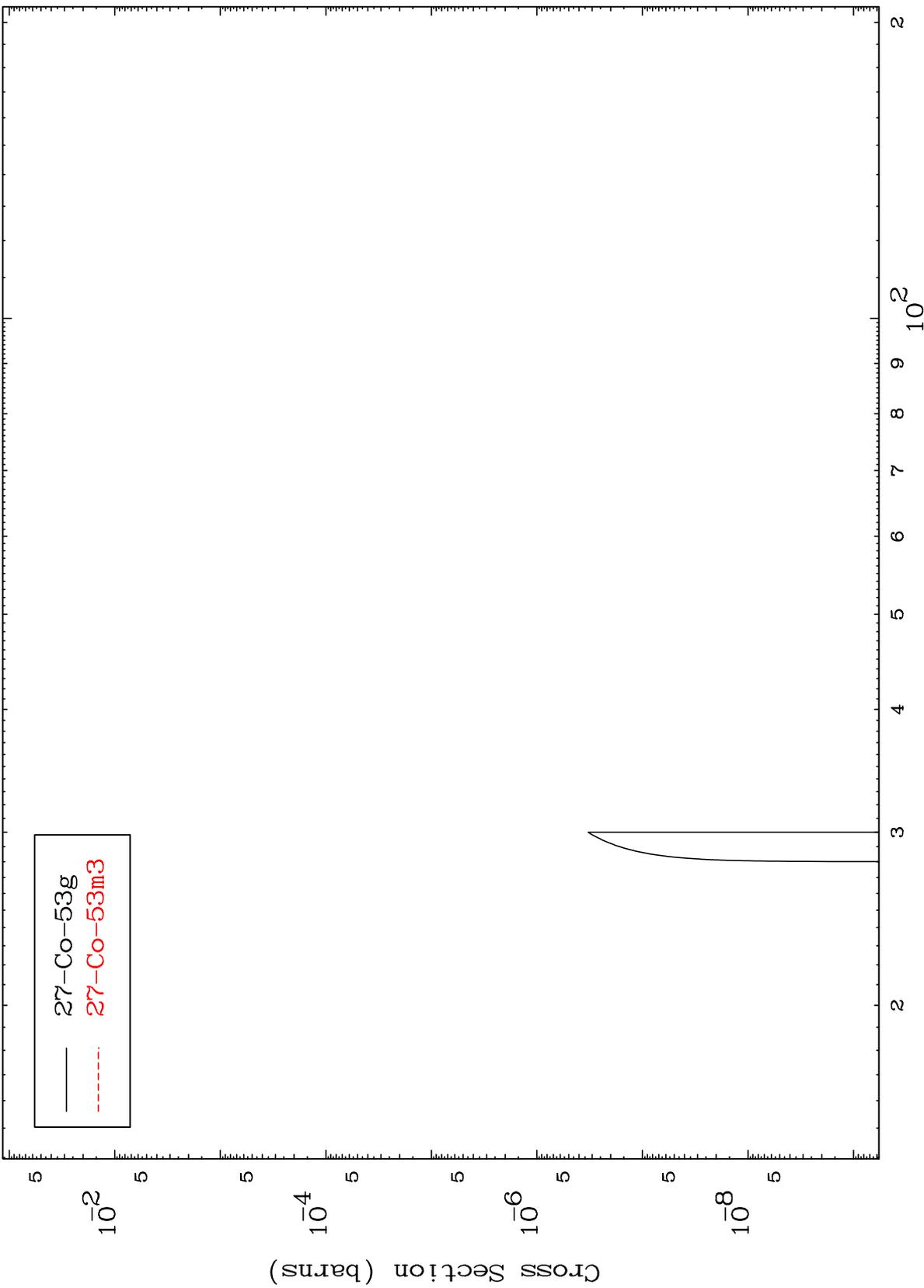


MAT 2619

(α, n') d

26-Fe-52

Radionuclide Production Cross Section



12

Incident Energy (MeV)

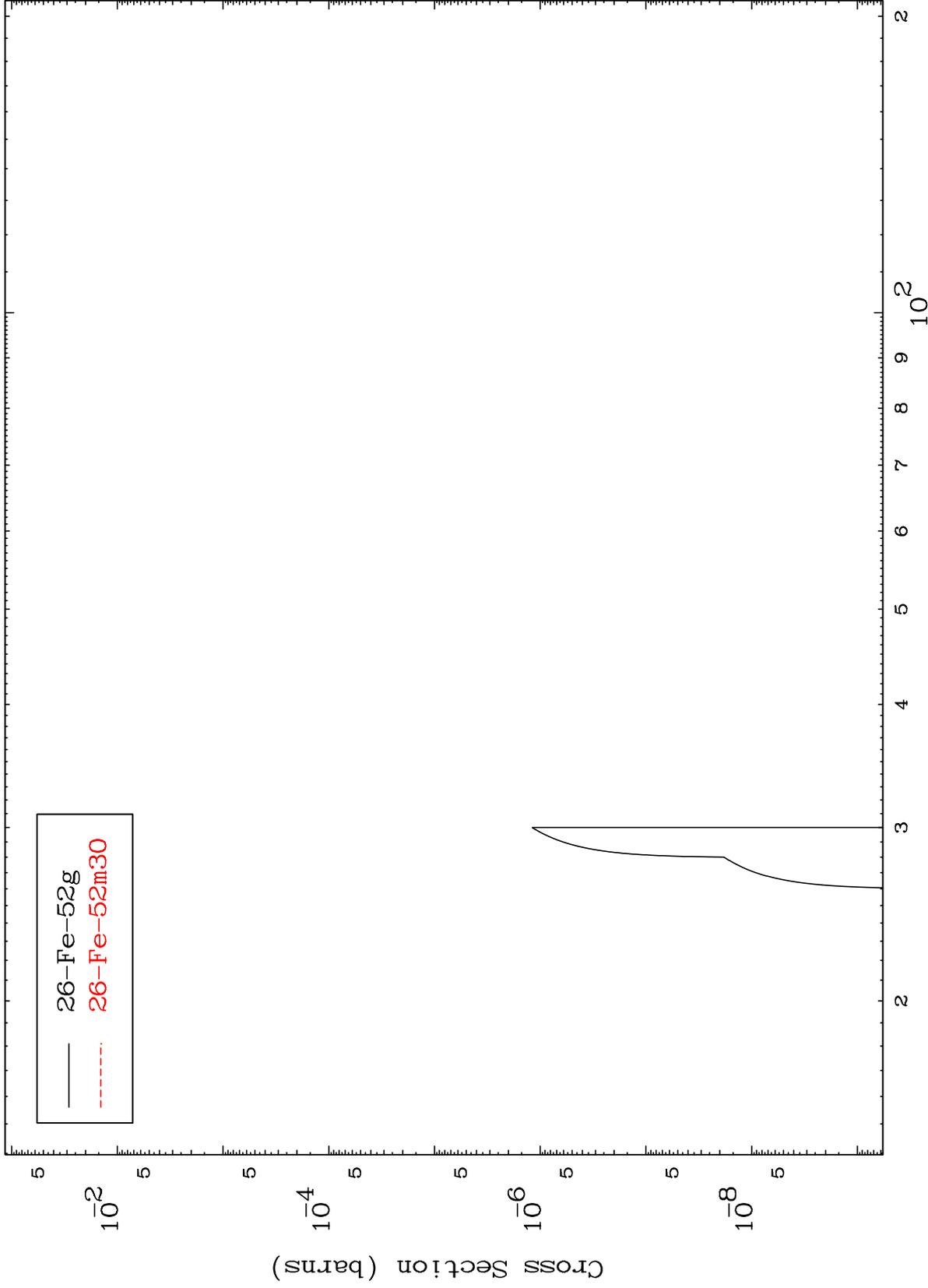
26-Fe-52

MAT 2619

(α, n') He-3

26-Fe-52

Radionuclide Production Cross Section



13

Incident Energy (MeV)

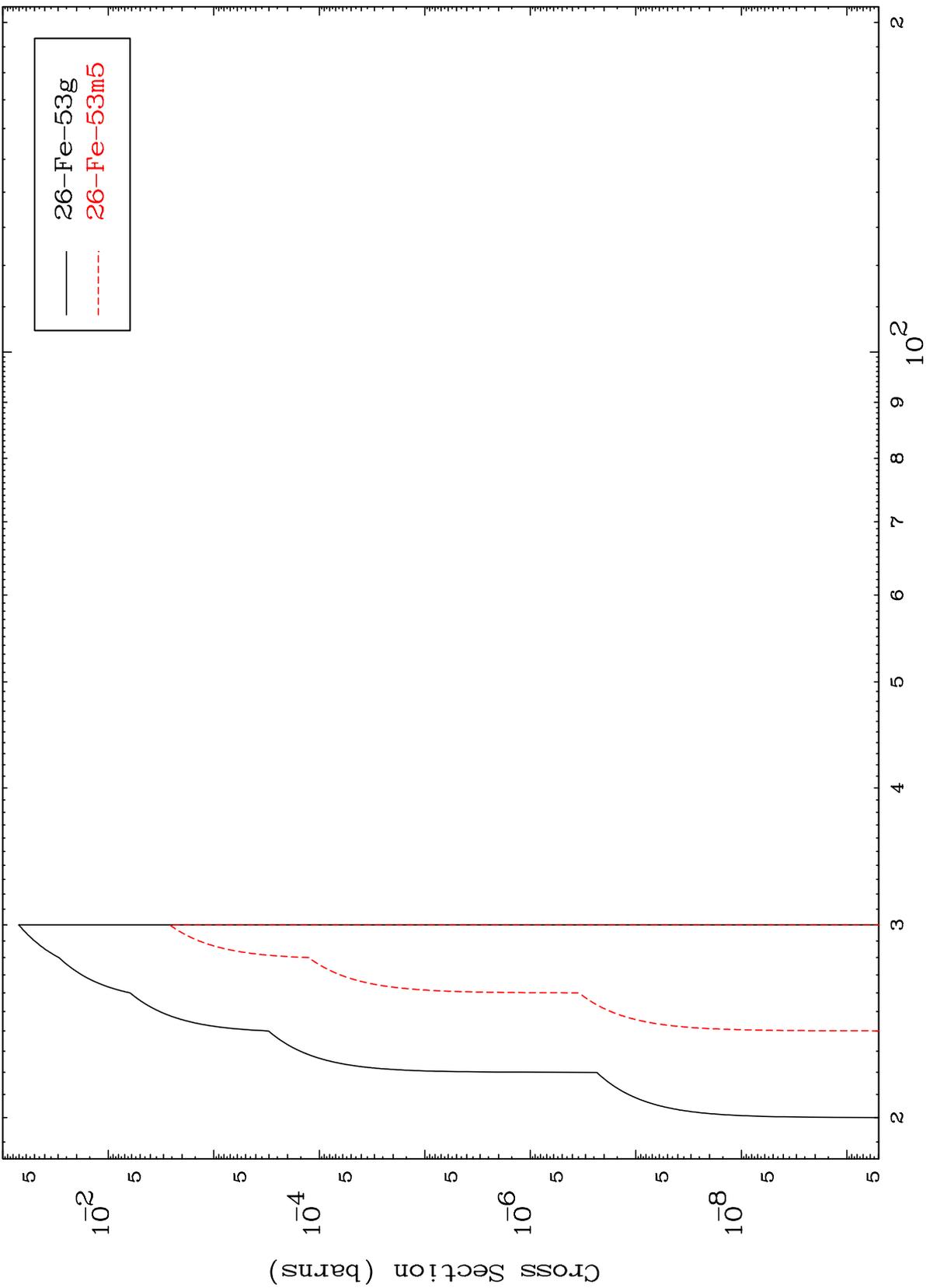
26-Fe-52

MAT 2619

$(\alpha, 2n)$ p

$^{26}\text{Fe-52}$

Radionuclide Production Cross Section



— $^{26}\text{Fe-53g}$
- - - $^{26}\text{Fe-53m5}$

14

Incident Energy (MeV)

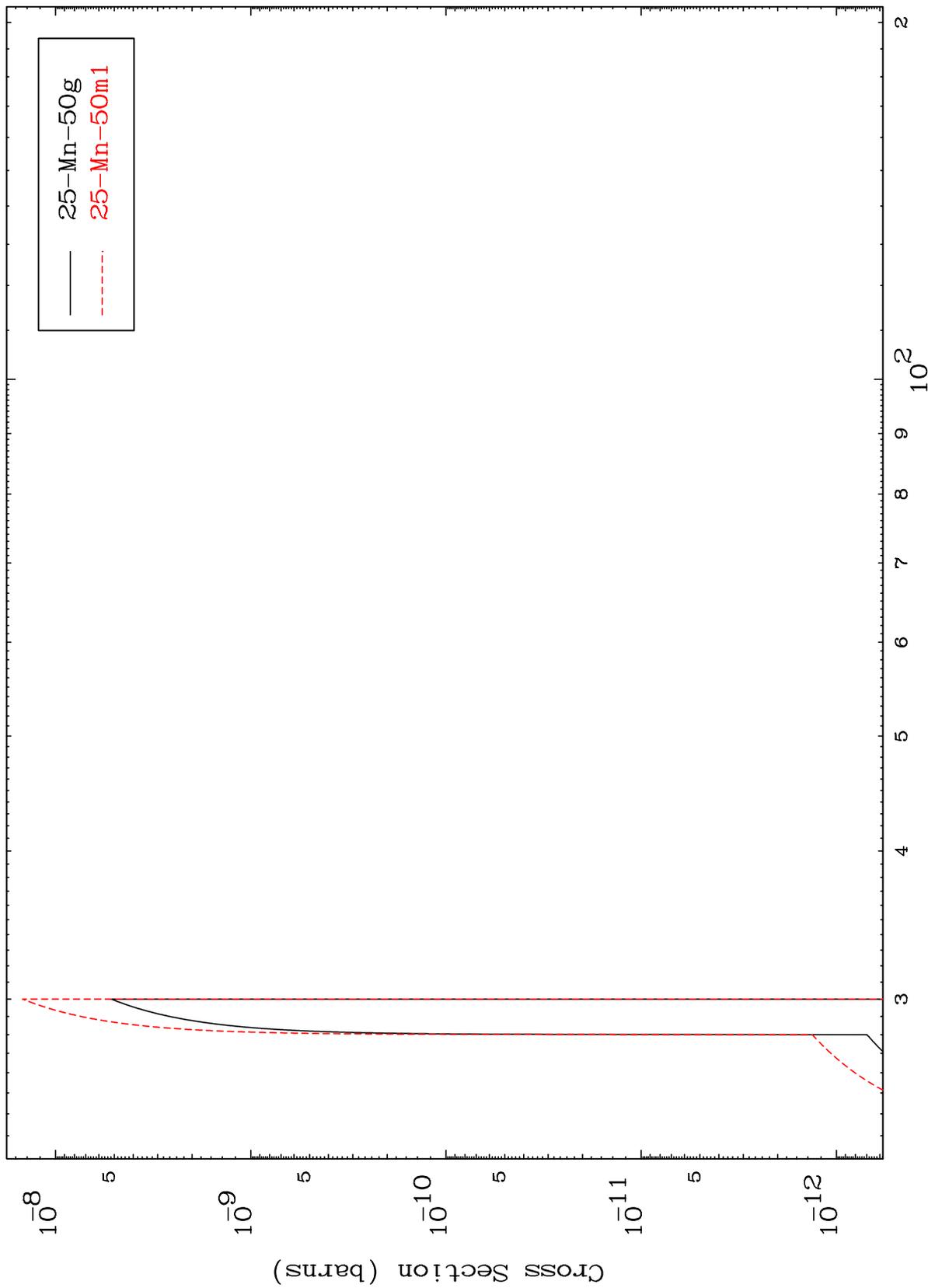
$^{26}\text{Fe-52}$

MAT 2619

(α, n') p α

26-Fe-52

Radionuclide Production Cross Section



15

Incident Energy (MeV)

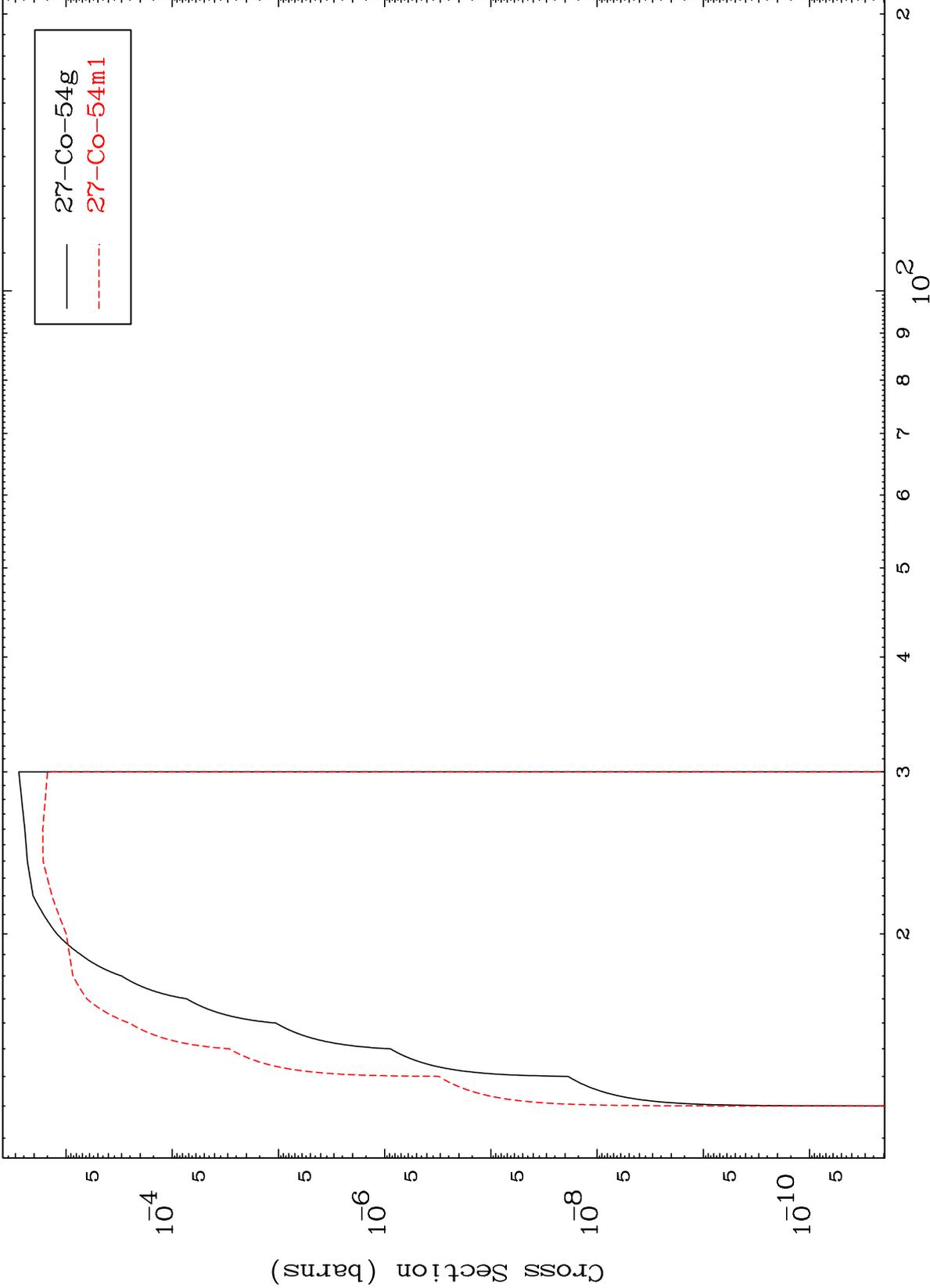
26-Fe-52

MAT 2619

(α, d)

26-Fe-52

Radionuclide Production Cross Section



16

Incident Energy (MeV)

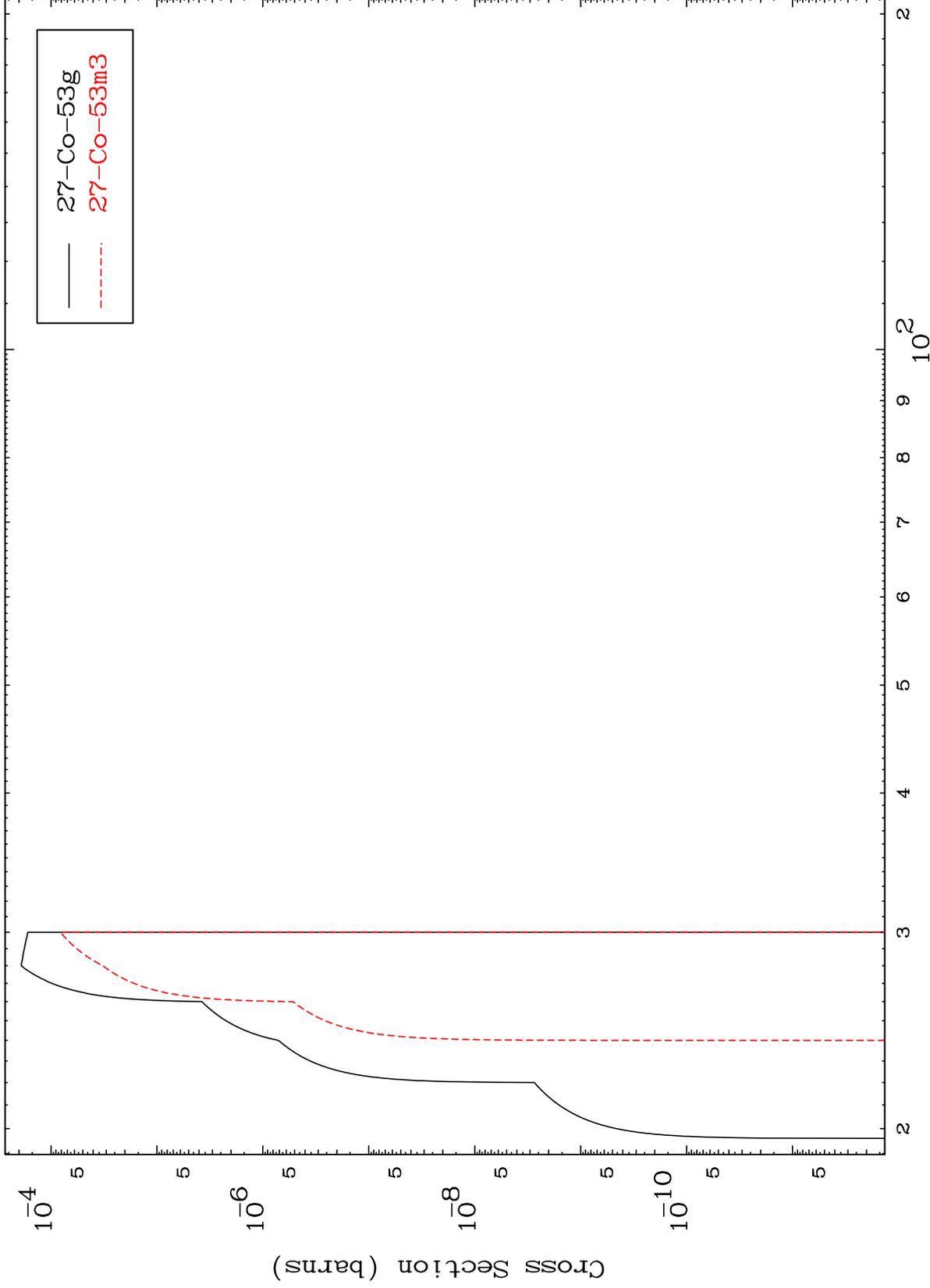
26-Fe-52

MAT 2619

(α, t)

26-Fe-52

Radionuclide Production Cross Section



17

Incident Energy (MeV)

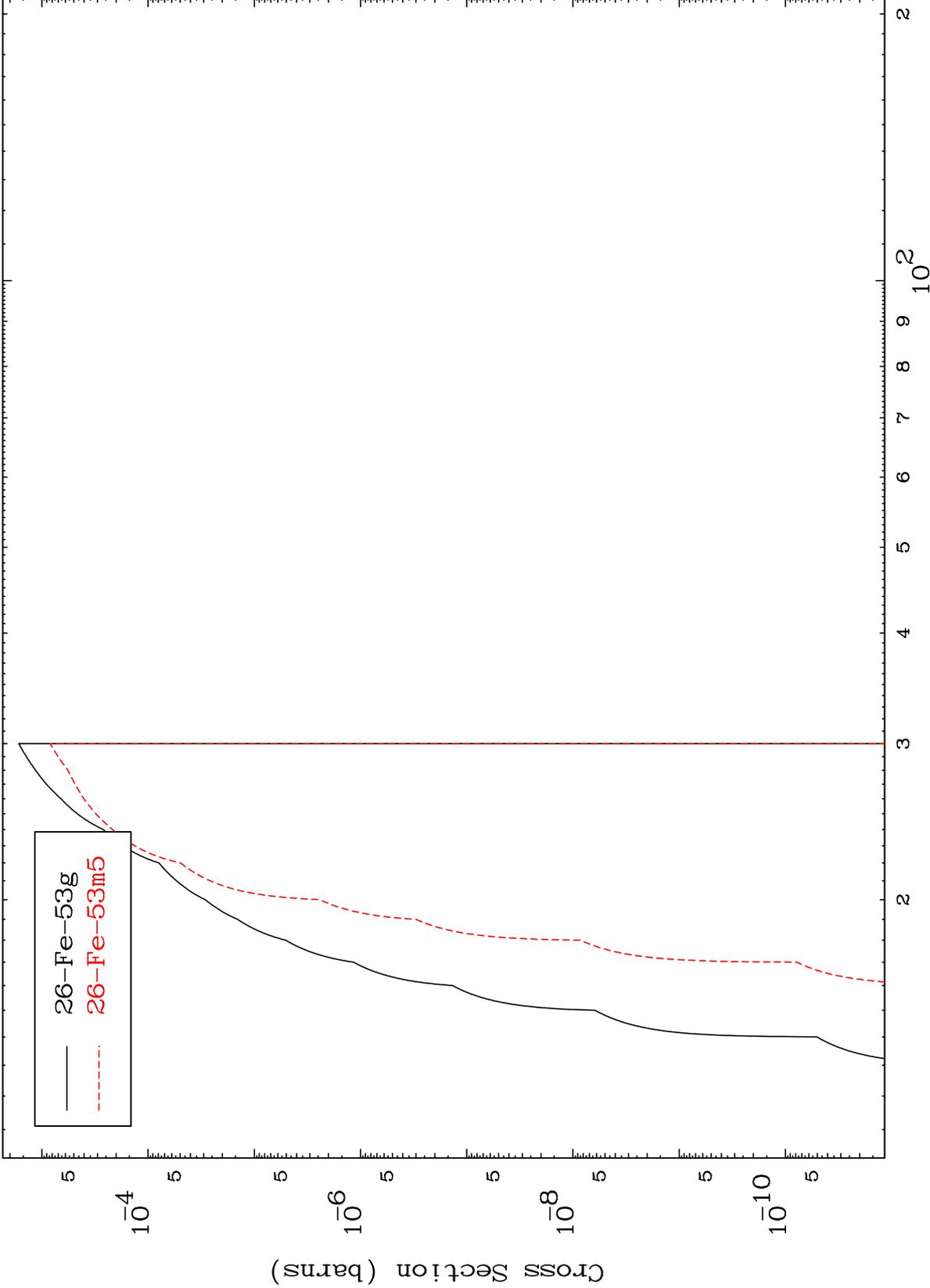
26-Fe-52

MAT 2619

(α ,He-3)

26-Fe-52

Radionuclide Production Cross Section



26-Fe-53g
26-Fe-53m5

18

Incident Energy (MeV)

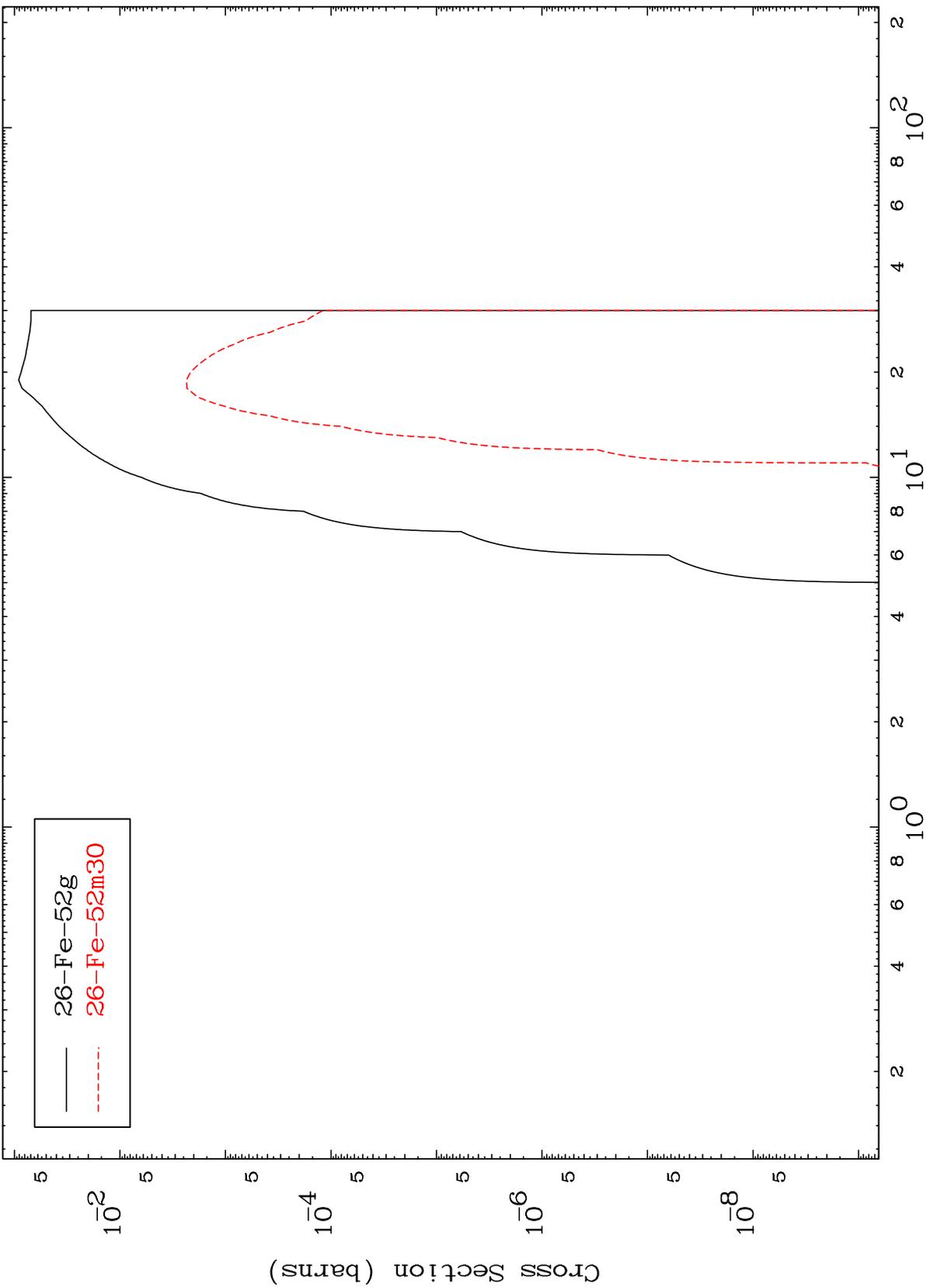
26-Fe-52

MAT 2619

26-Fe-52

(α, α)

Radionuclide Production Cross Section



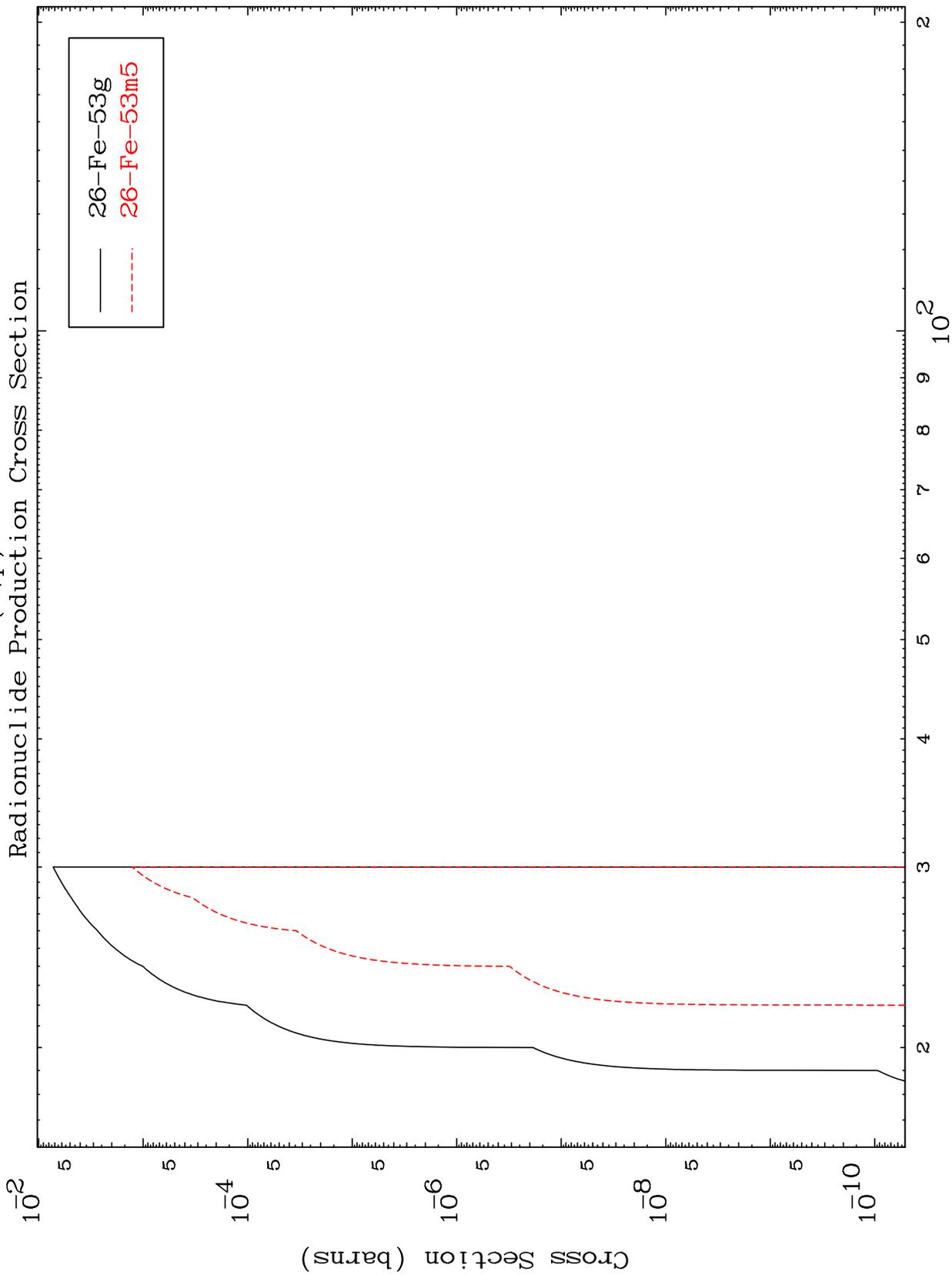
Legend:
— 26-Fe-52g
- - - 26-Fe-52m30

MAT 2619

(α, p) d

26-Fe-52

Radionuclide Production Cross Section



20

Incident Energy (MeV)

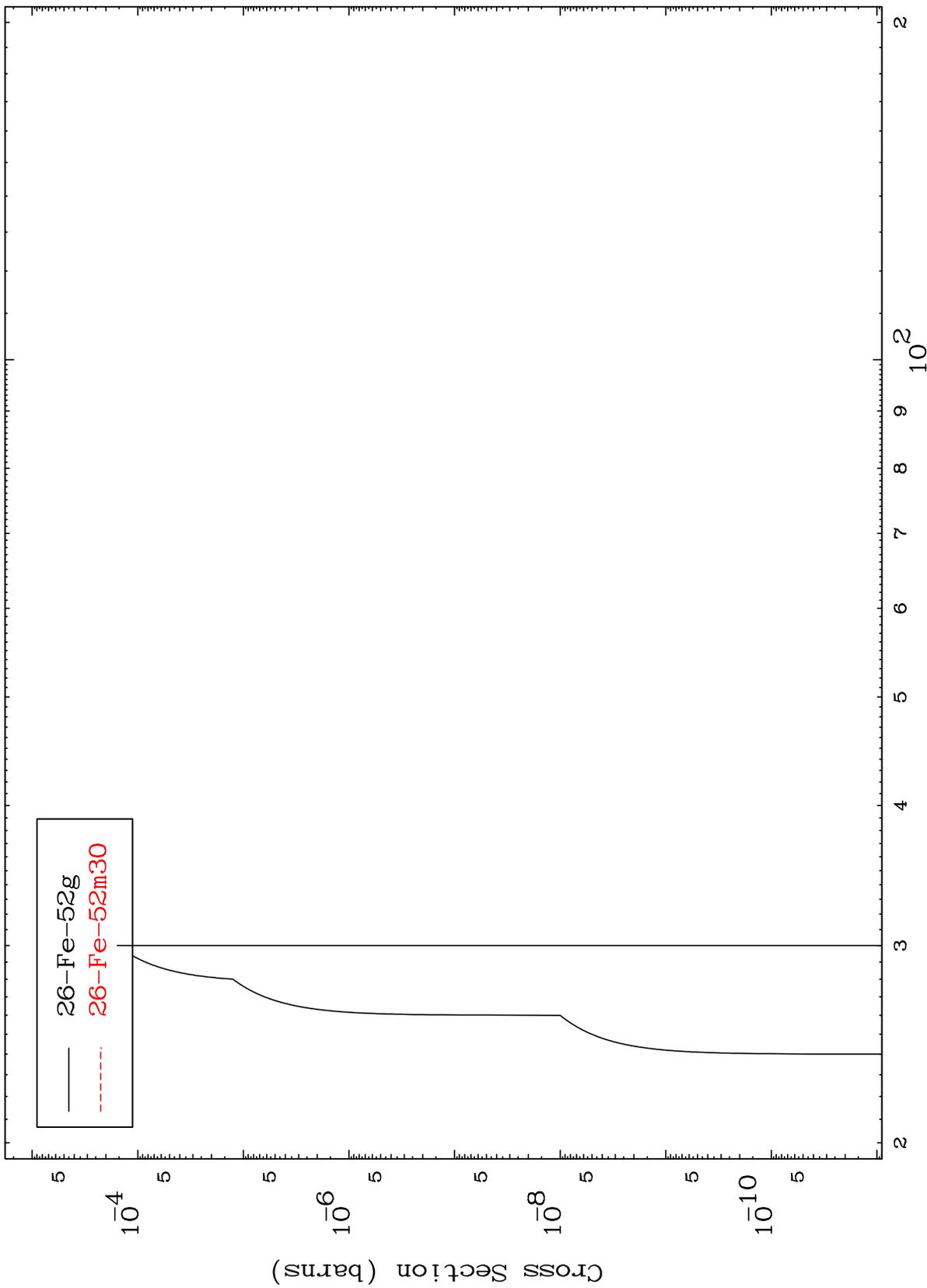
26-Fe-52

MAT 2619

(α, p) t

²⁶Fe-52

Radionuclide Production Cross Section



21

Incident Energy (MeV)

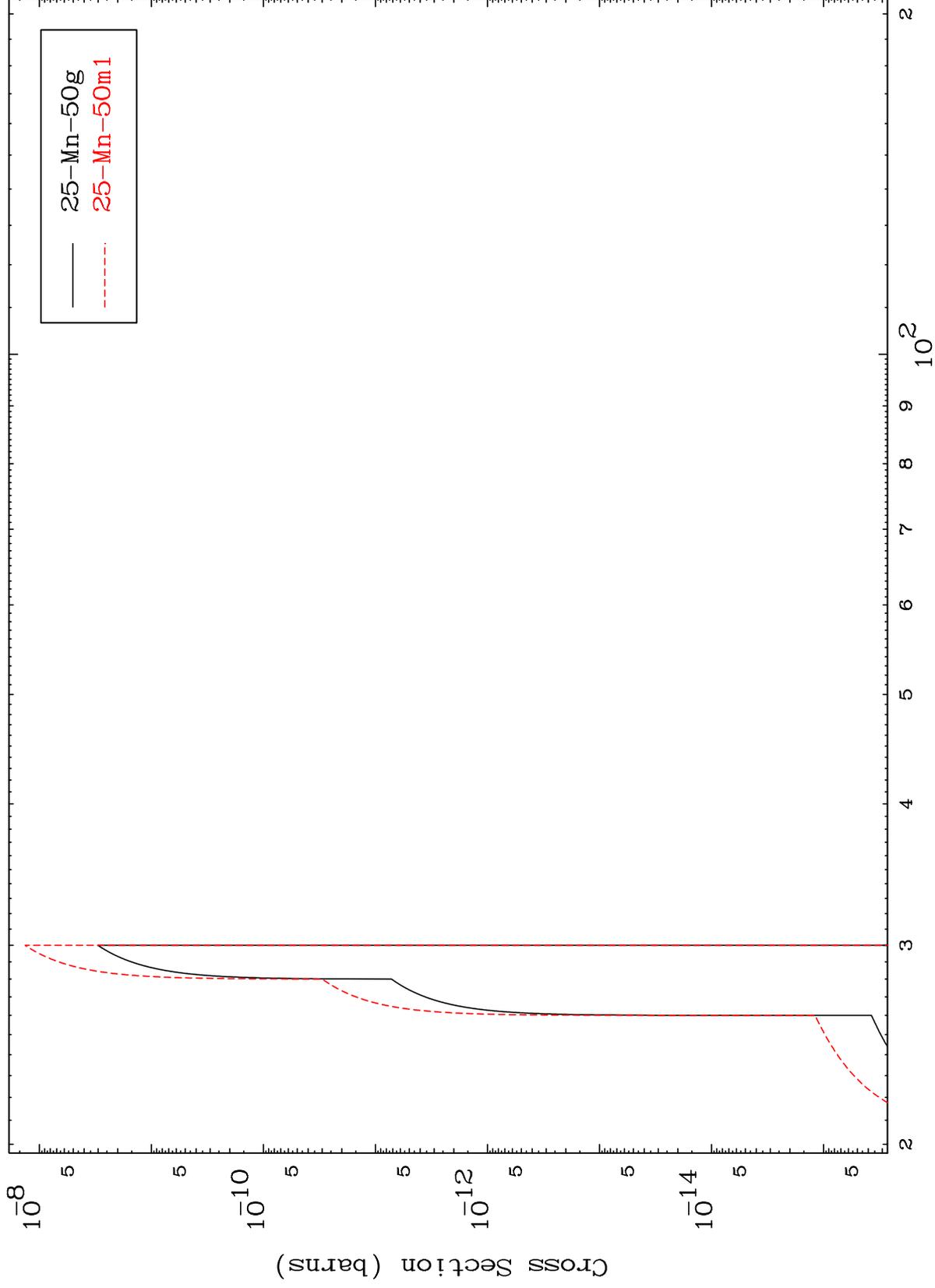
²⁶Fe-52

MAT 2619

(α, d) α

26-Fe-52

Radionuclide Production Cross Section



22

Incident Energy (MeV)

26-Fe-52