

Program EVALPLOT
(Version 2018-1)

by

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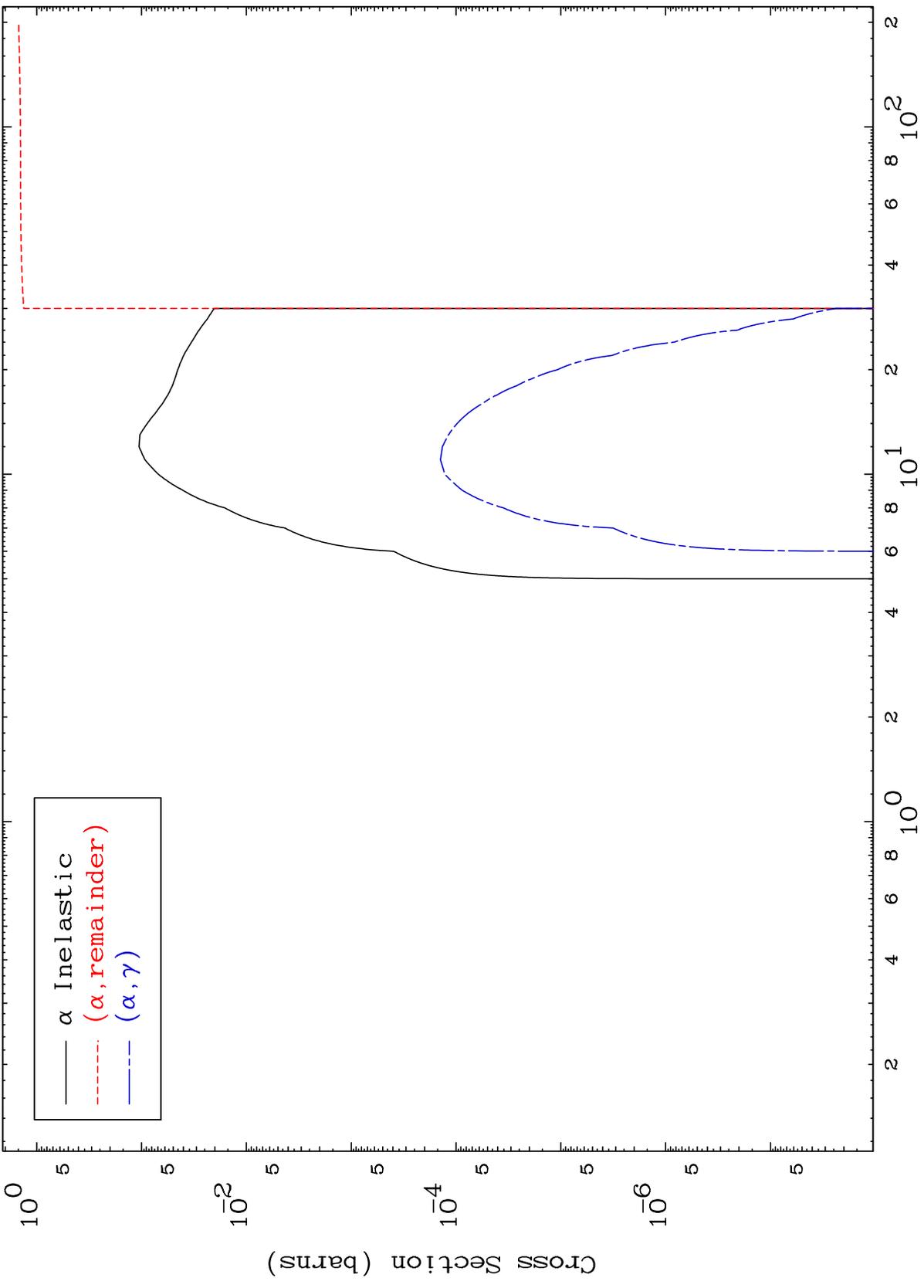
Press Mouse Button to Start

MAT 2516

α Major

25-Mn-52

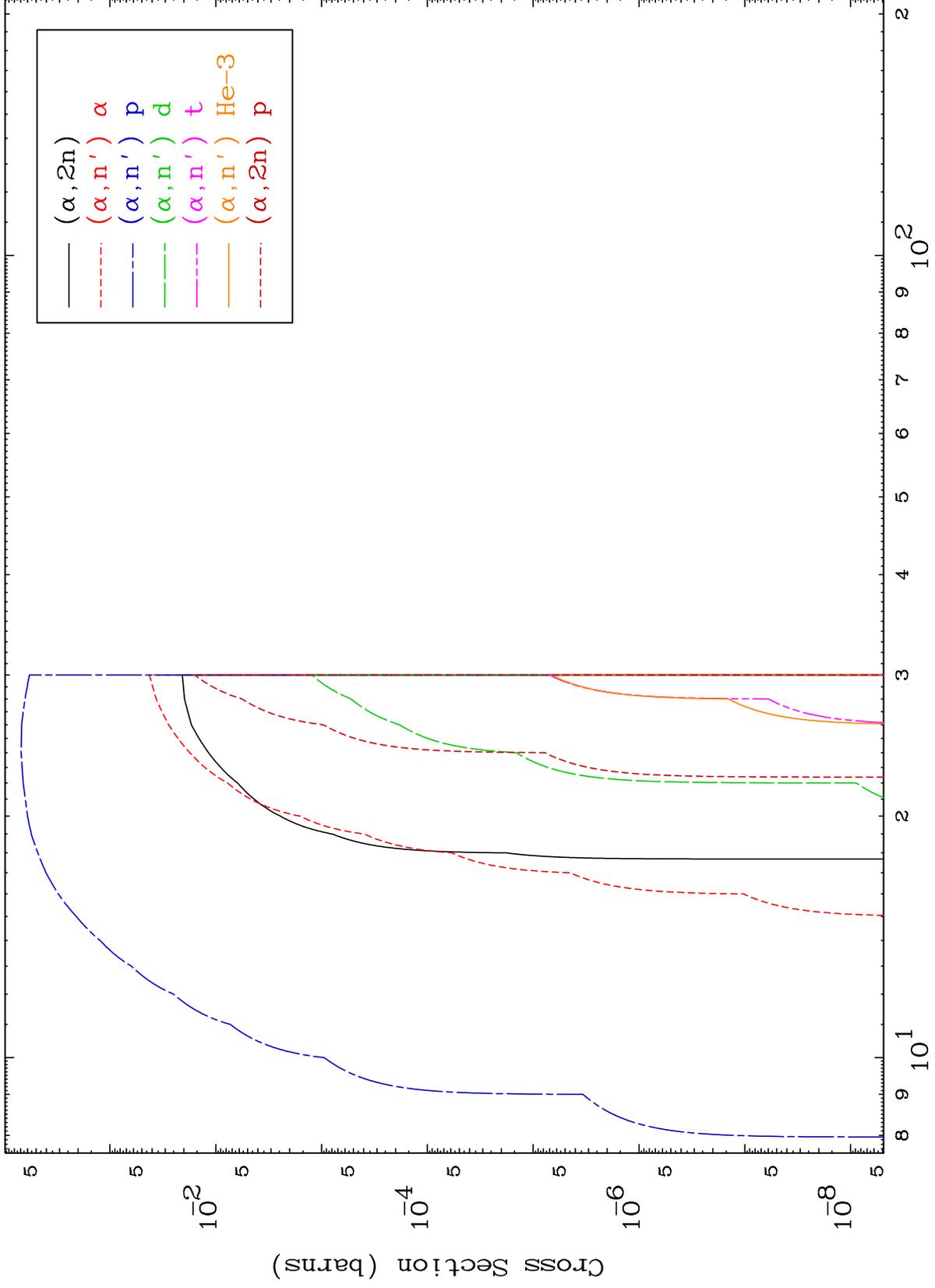
0 Kelvin Cross Sections



MAT 2516

α Neutron Production
0 Kelvin Cross Sections

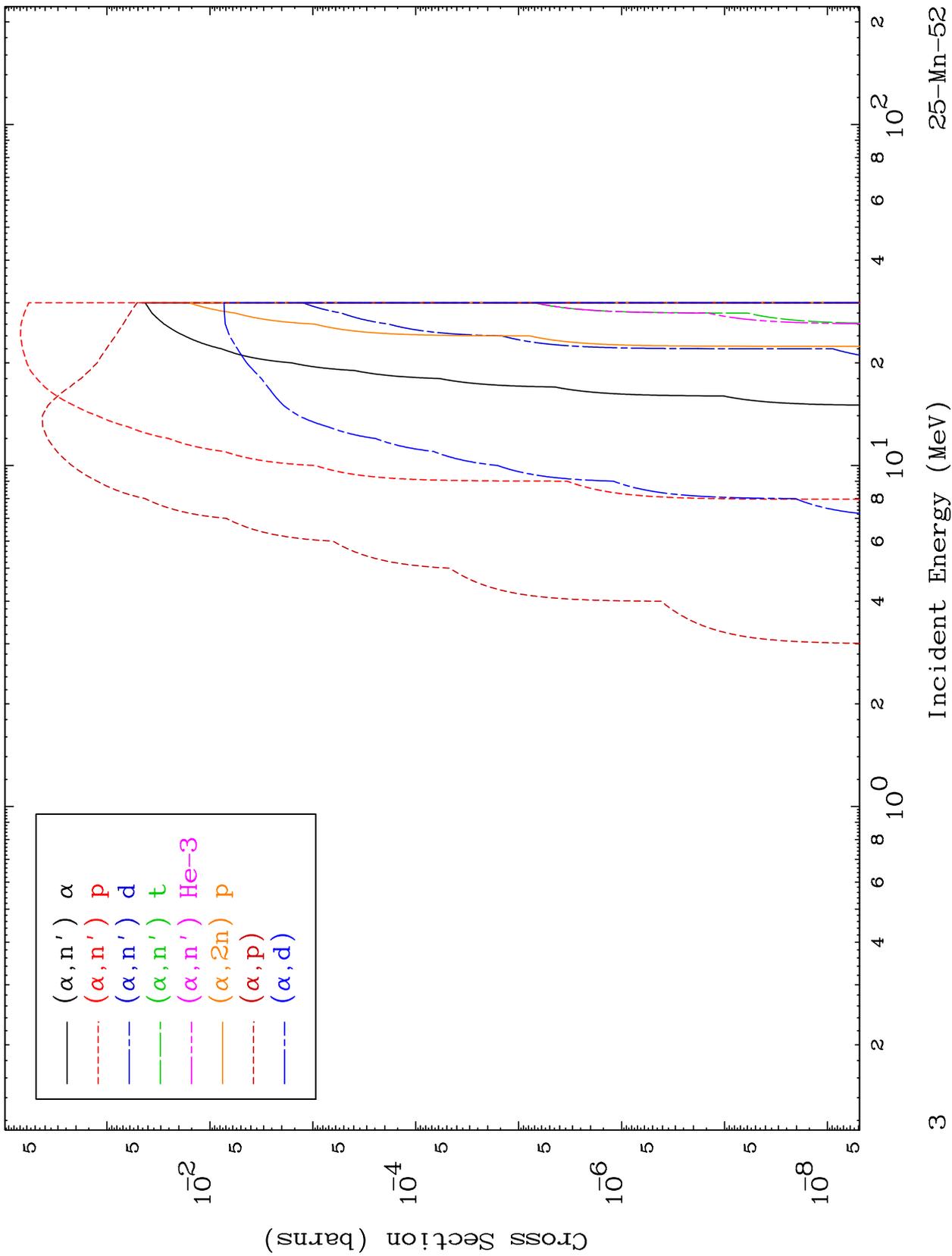
25-Mn-52



2

Incident Energy (MeV)

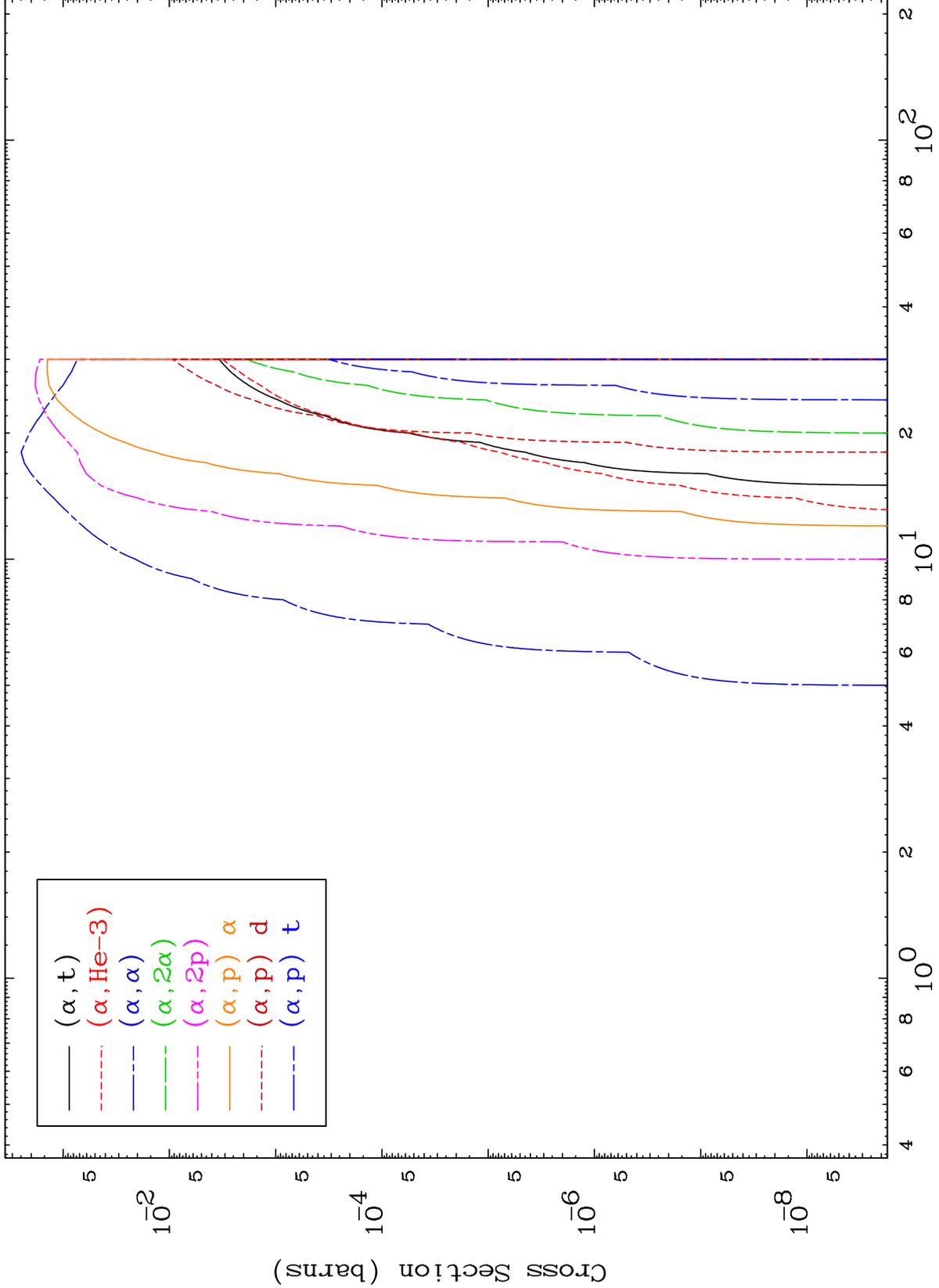
25-Mn-52



MAT 2516

α Charged Particle
0 Kelvin Cross Sections

25-Mn-52



4

Incident Energy (MeV)

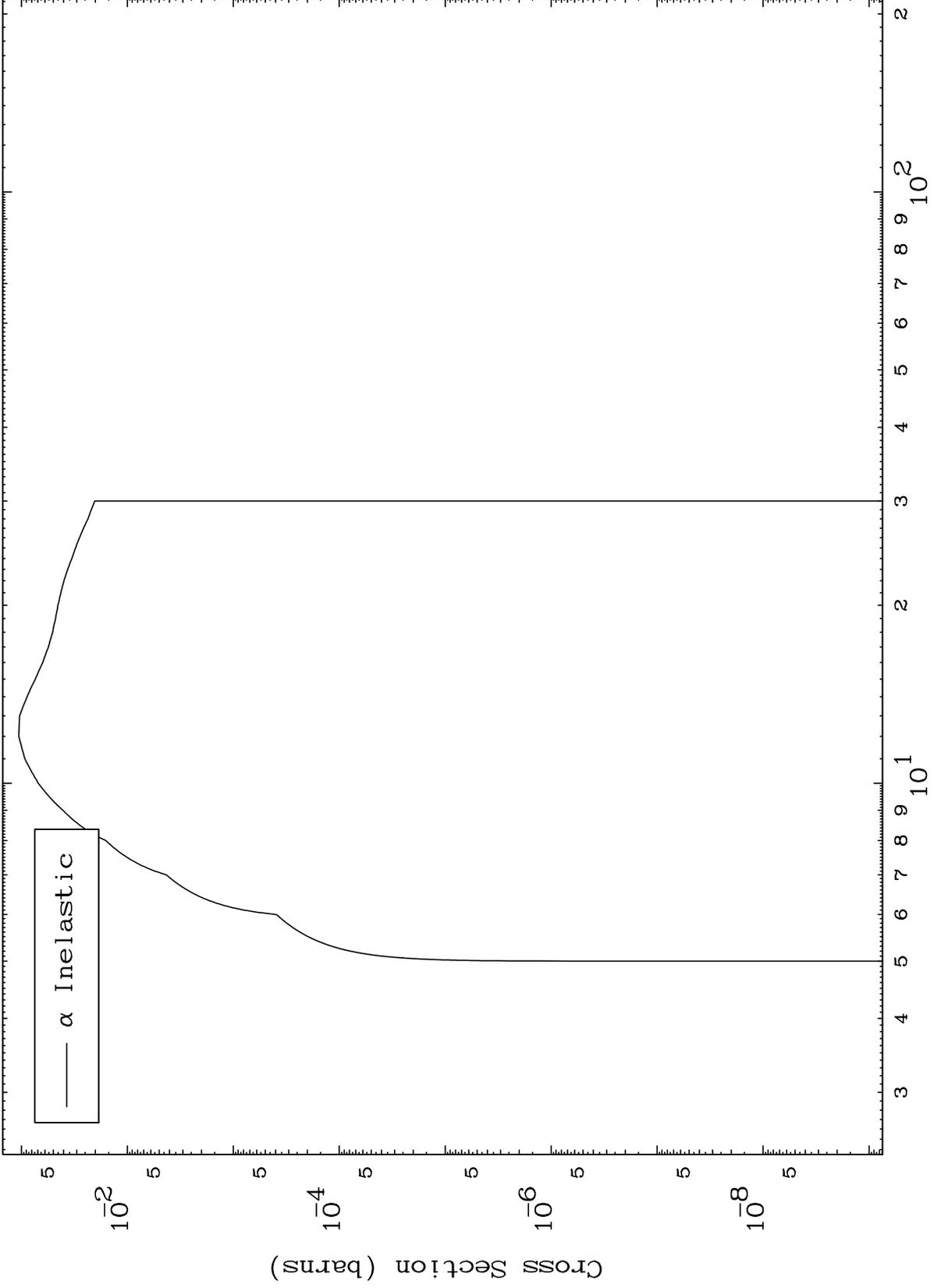
25-Mn-52

MAT 2516

(α, n') Level

25-Mn-52

0 Kelvin Cross Sections



5

Incident Energy (MeV)

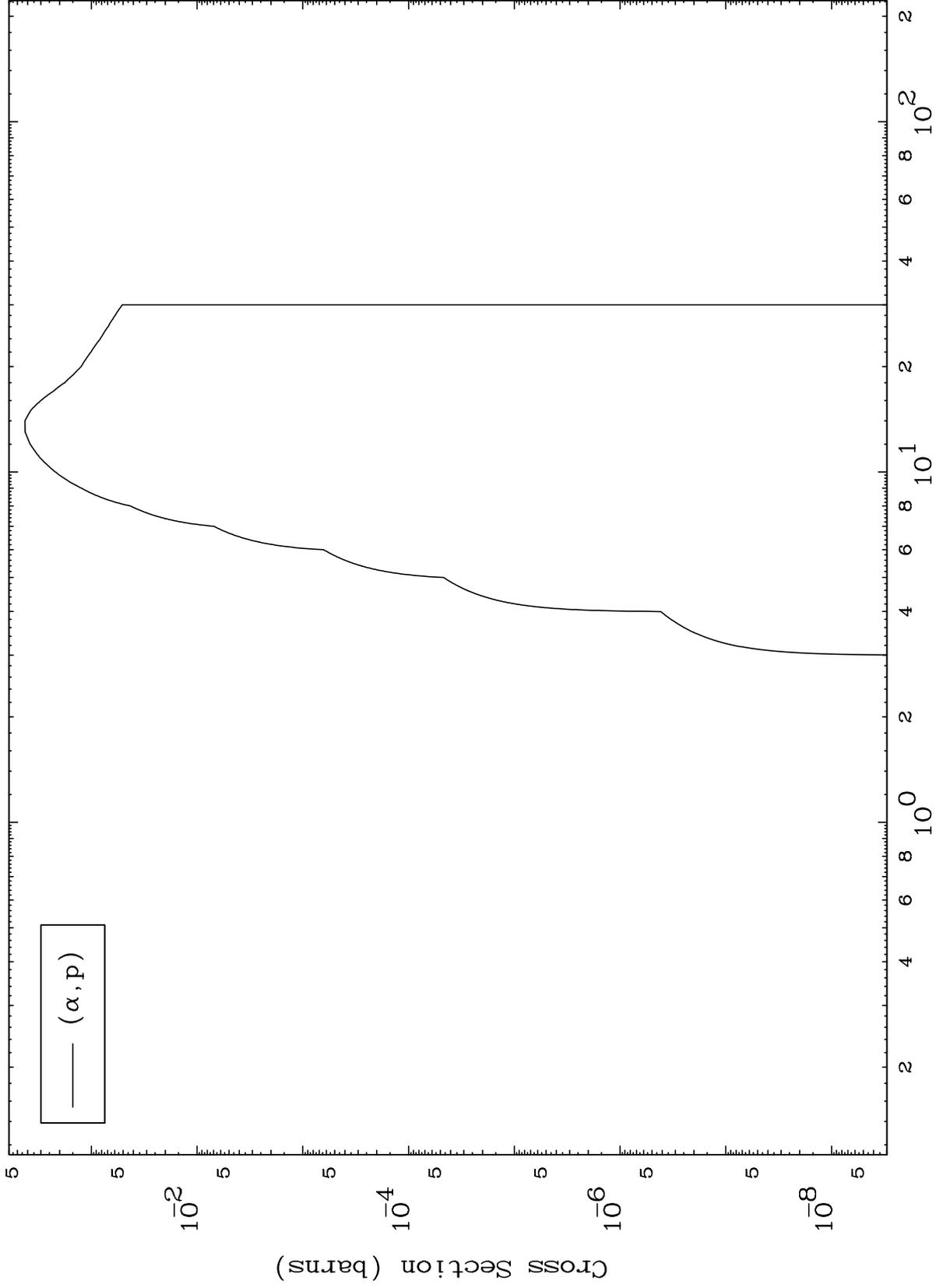
25-Mn-52

MAT 2516

(α, p) Levels

25-Mn-52

0 Kelvin Cross Sections



6

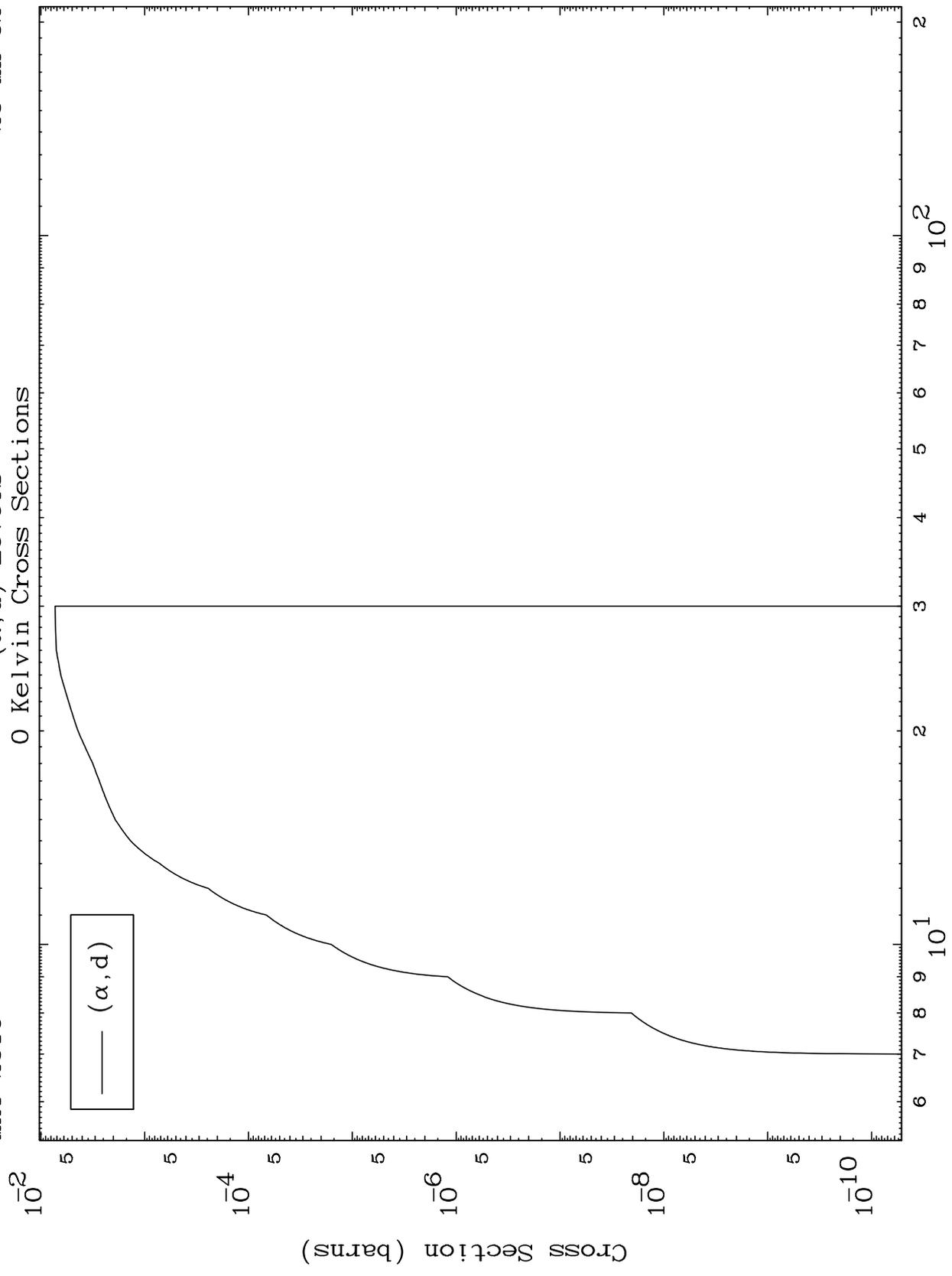
Incident Energy (MeV)

25-Mn-52

MAT 2516

(α, d) Levels
0 Kelvin Cross Sections

25-Mn-52



7

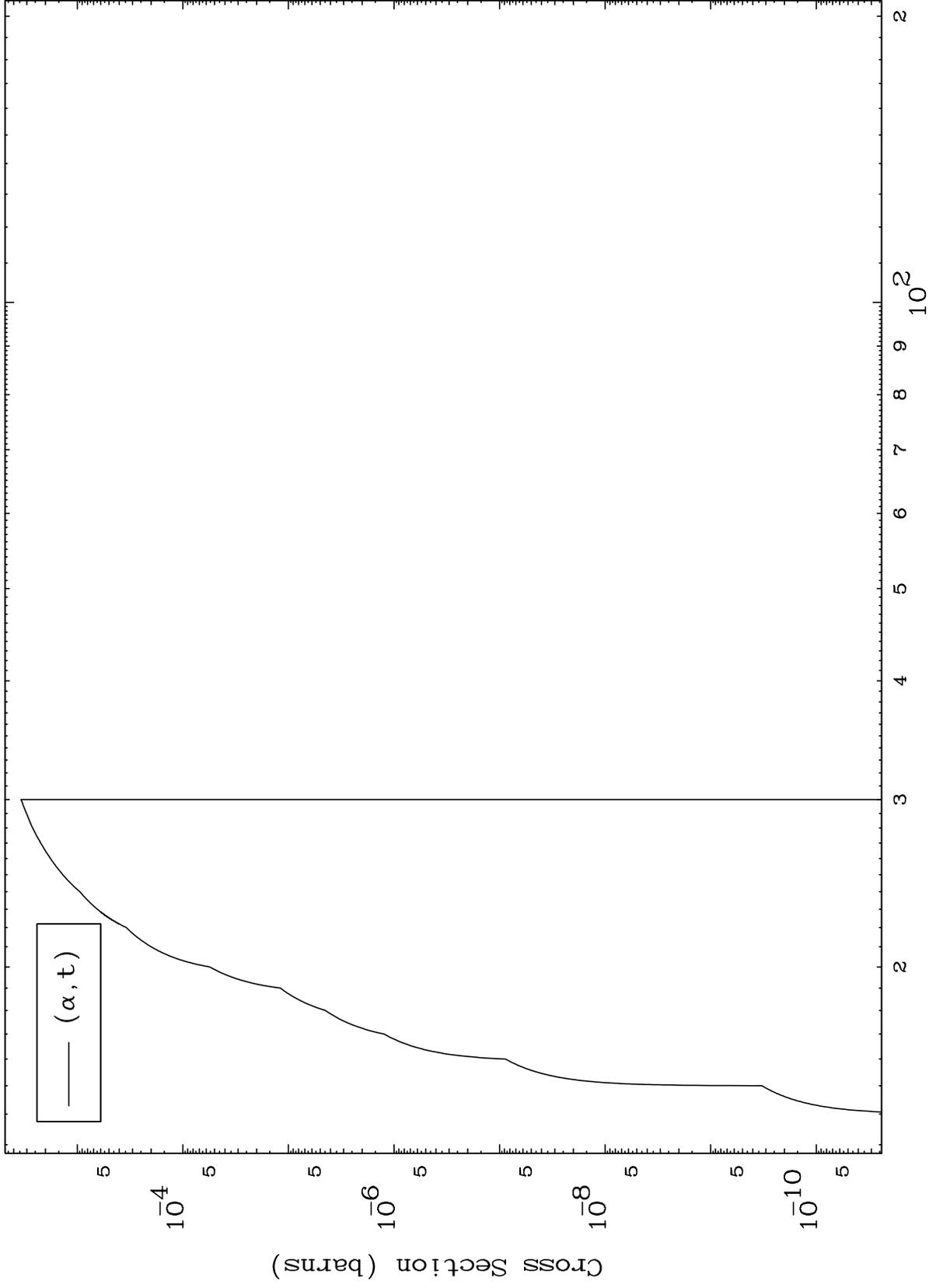
Incident Energy (MeV)

25-Mn-52

MAT 2516

(α, t) Levels
0 Kelvin Cross Sections

25-Mn-52



8

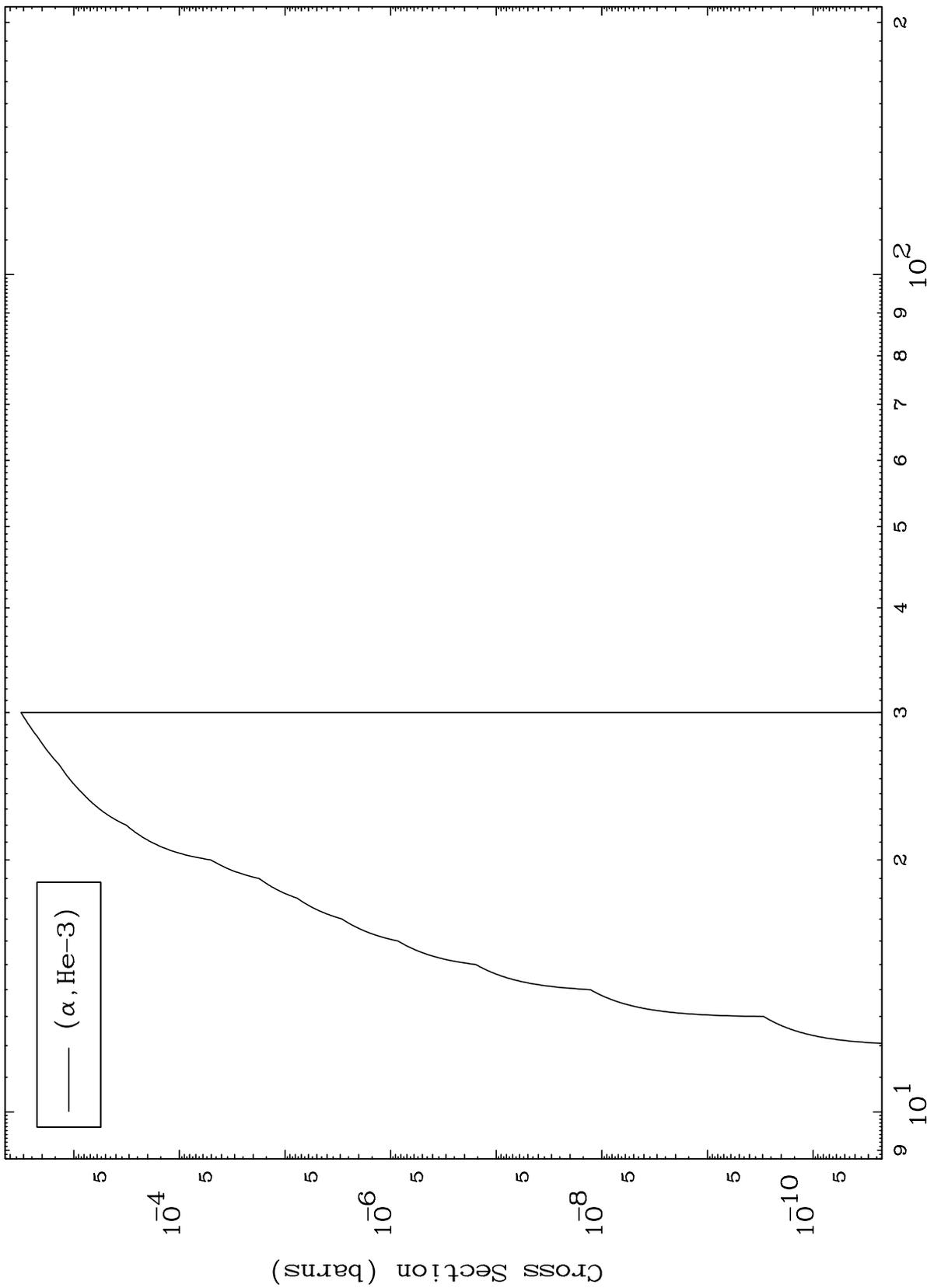
Incident Energy (MeV)

25-Mn-52

MAT 2516

(α ,He3) Levels
0 Kelvin Cross Sections

25-Mn-52



Incident Energy (MeV)

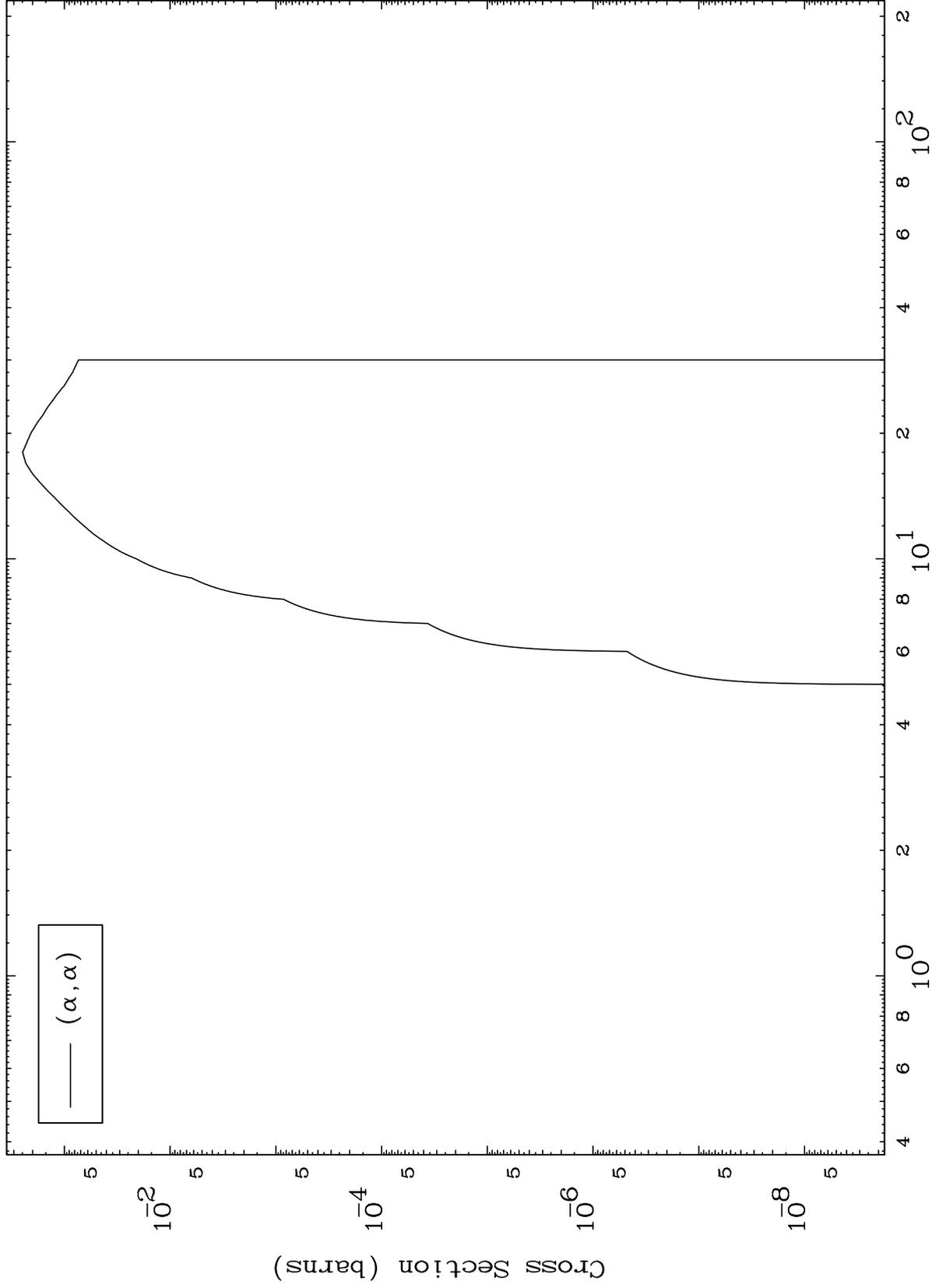
25-Mn-52

MAT 2516

(α, α) Levels

25-Mn-52

0 Kelvin Cross Sections

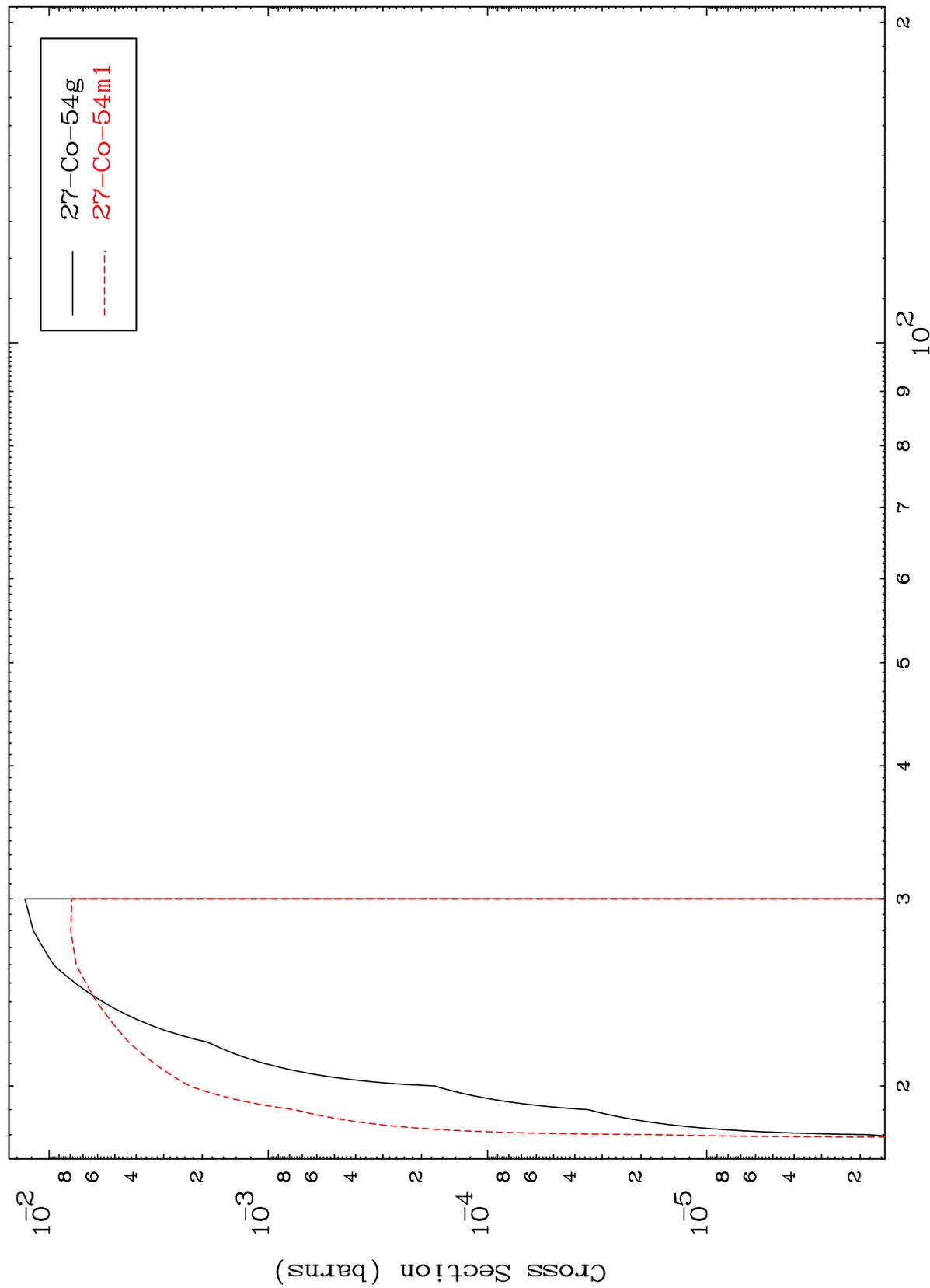


10

Incident Energy (MeV)

25-Mn-52

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

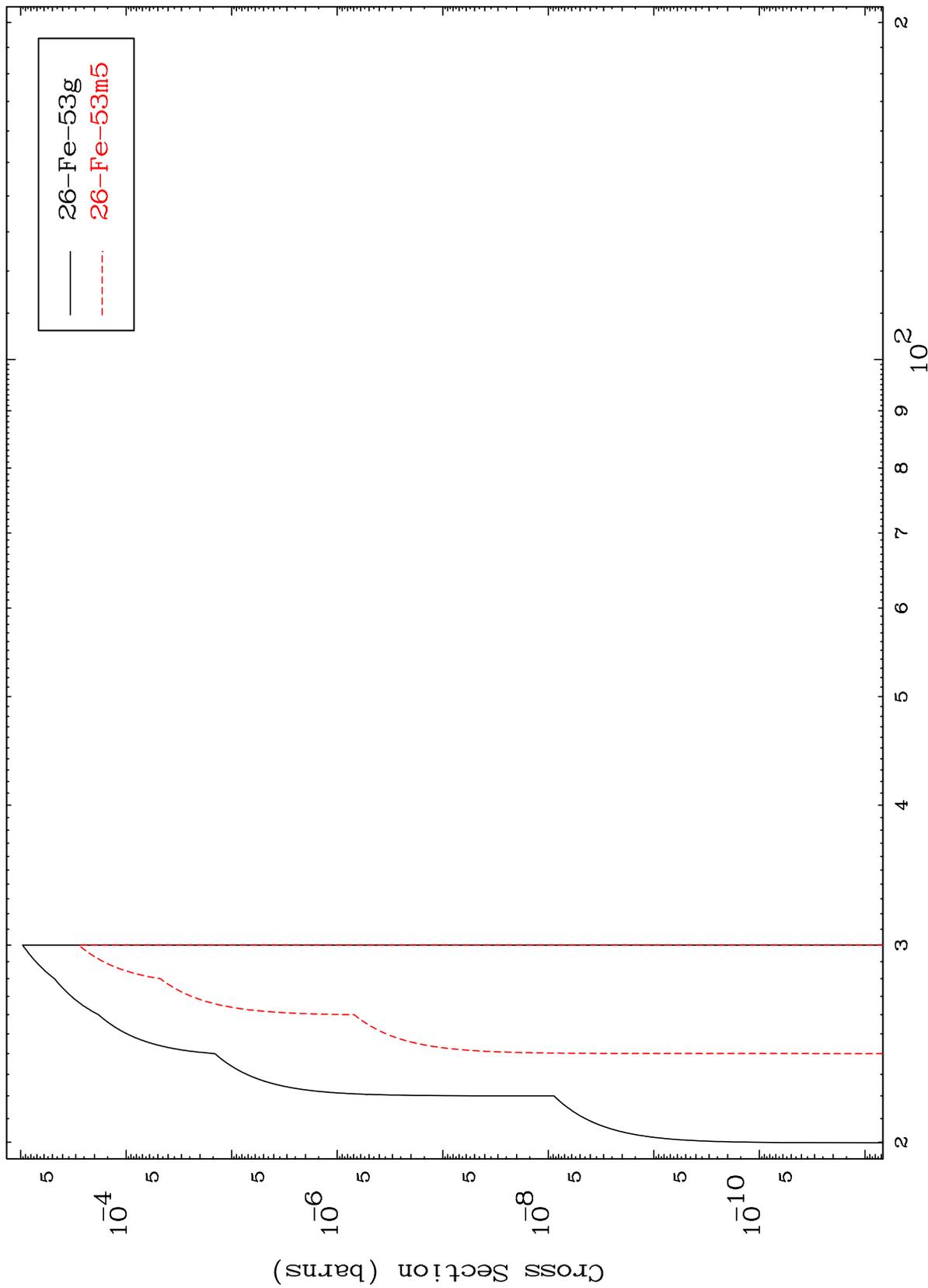


MAT 2516

(α, n') d

25-Mn-52

Radionuclide Production Cross Section



12

Incident Energy (MeV)

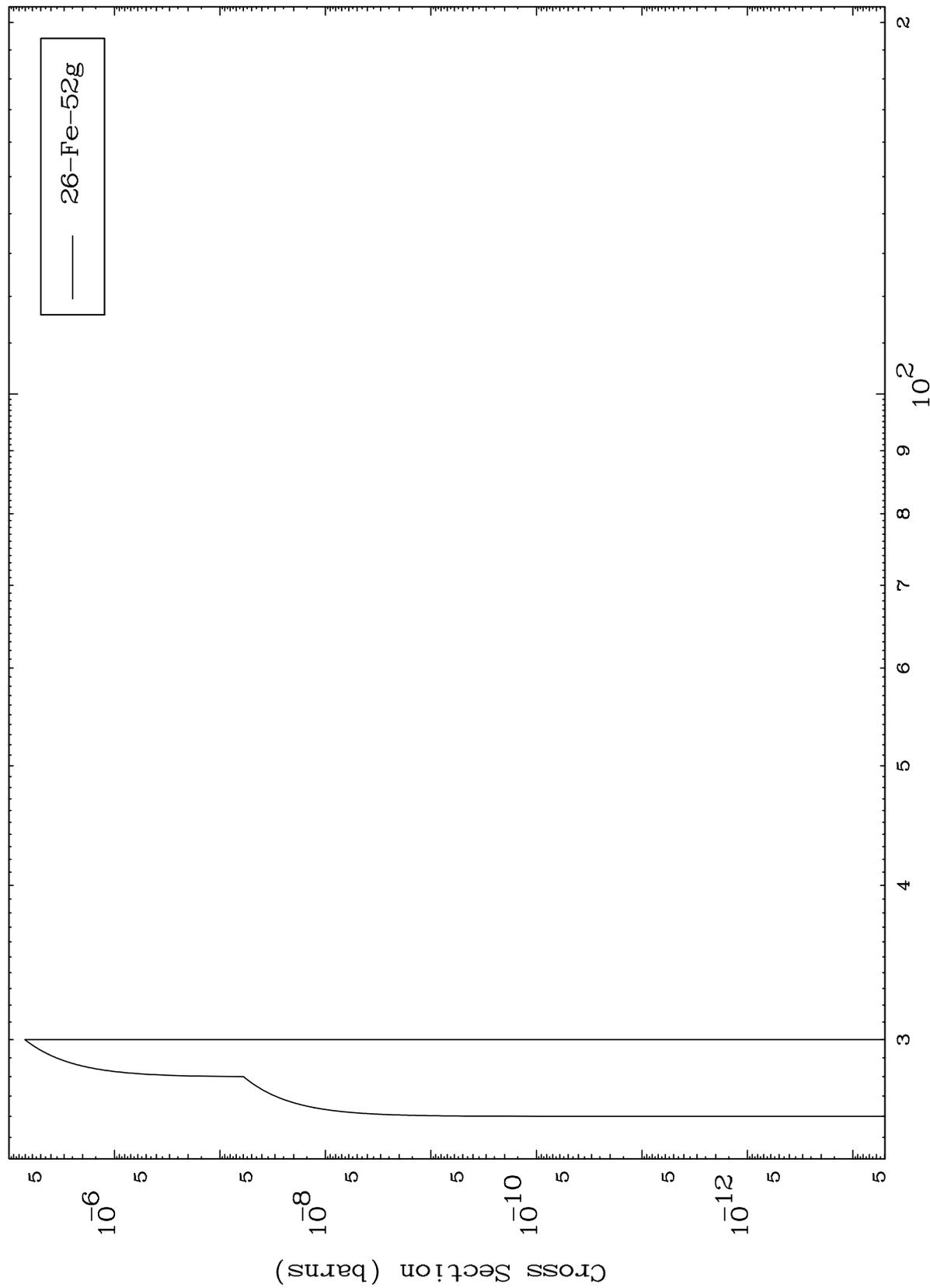
25-Mn-52

MAT 2516

(α, n') t

25-Mn-52

Radionuclide Production Cross Section



13

Incident Energy (MeV)

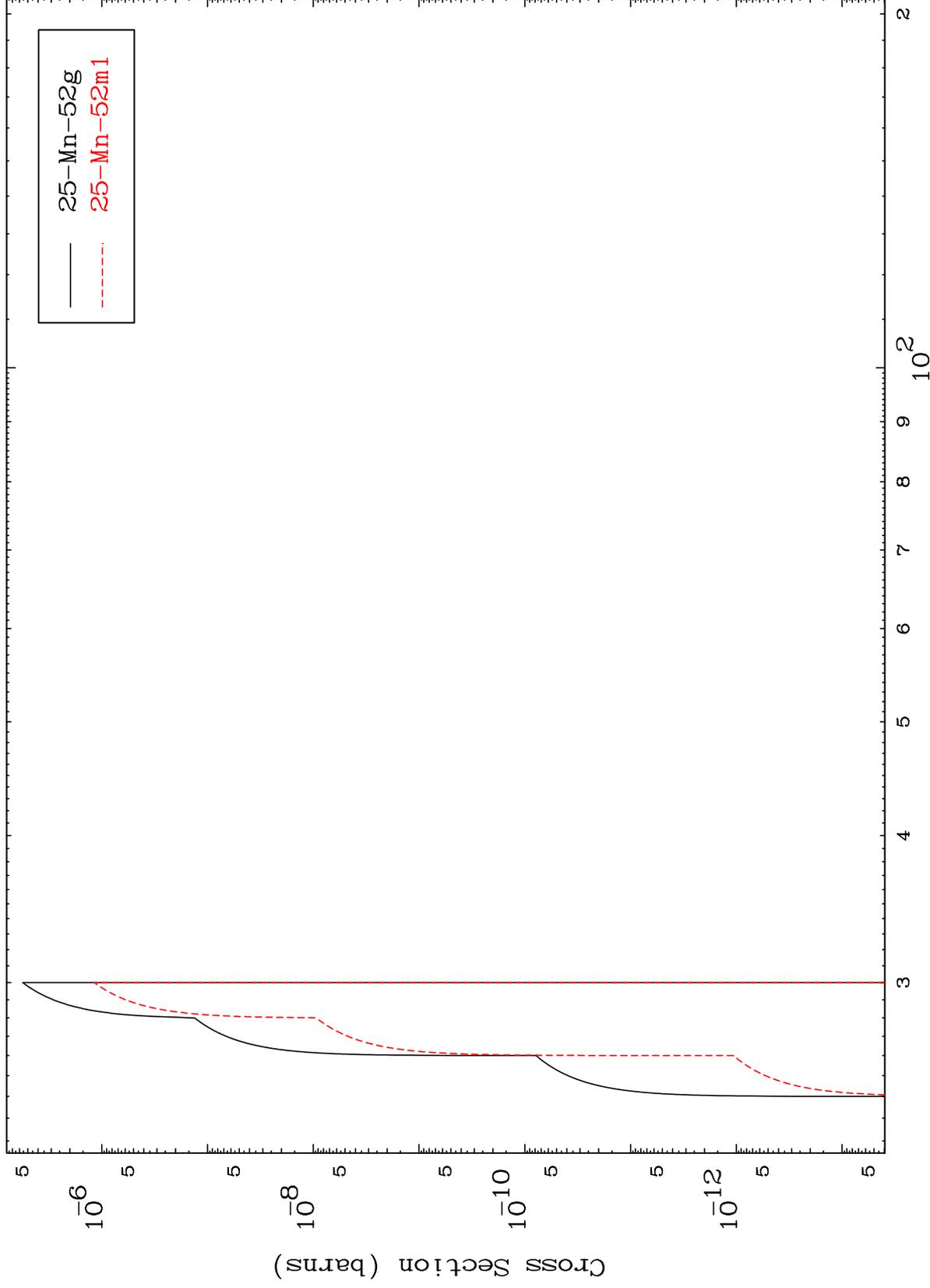
25-Mn-52

MAT 2516

(α, n') He-3

25-Mn-52

Radionuclide Production Cross Section



14

Incident Energy (MeV)

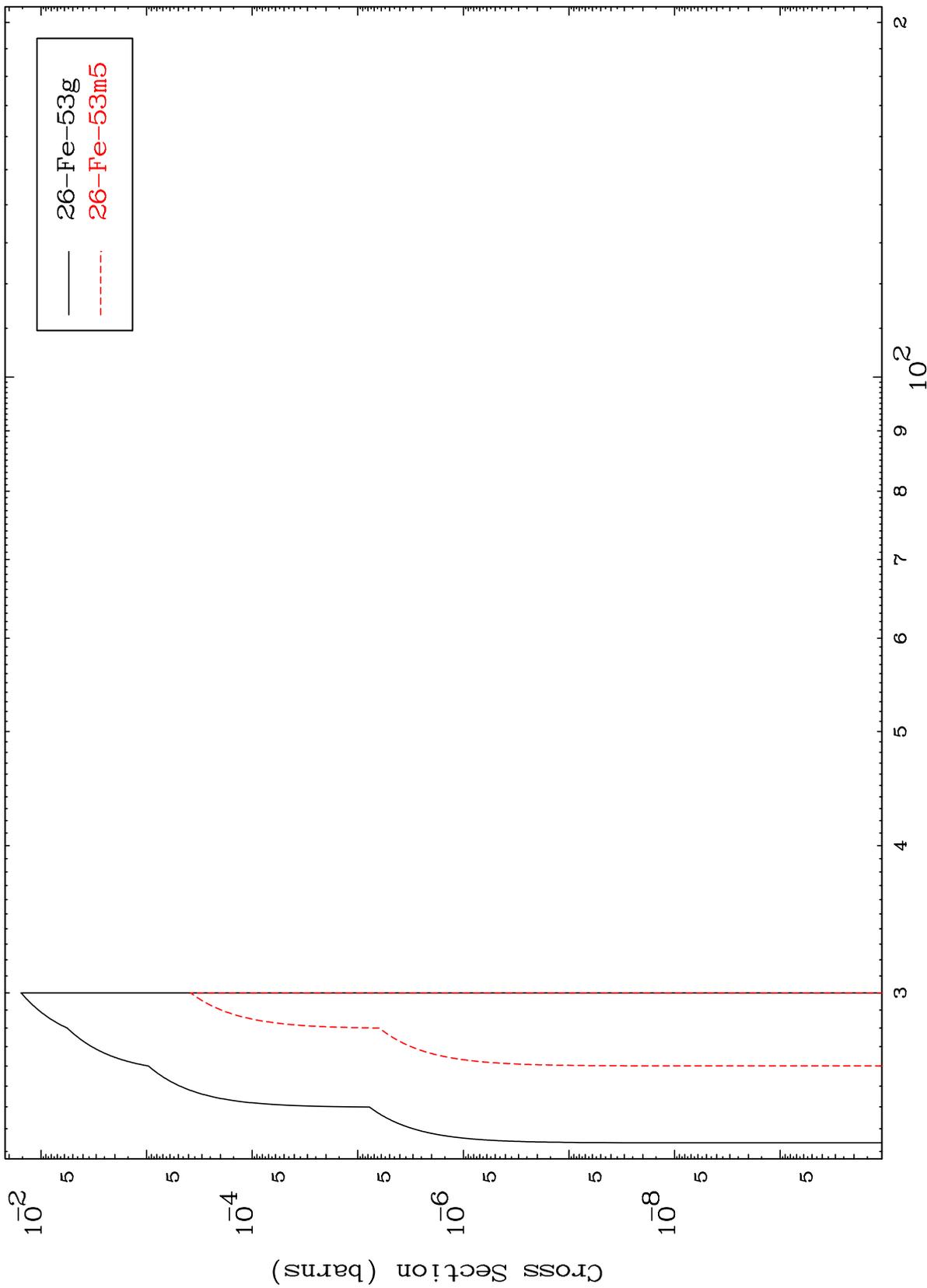
25-Mn-52

MAT 2516

$(\alpha, 2n)$ p

25-Mn-52

Radionuclide Production Cross Section



15

Incident Energy (MeV)

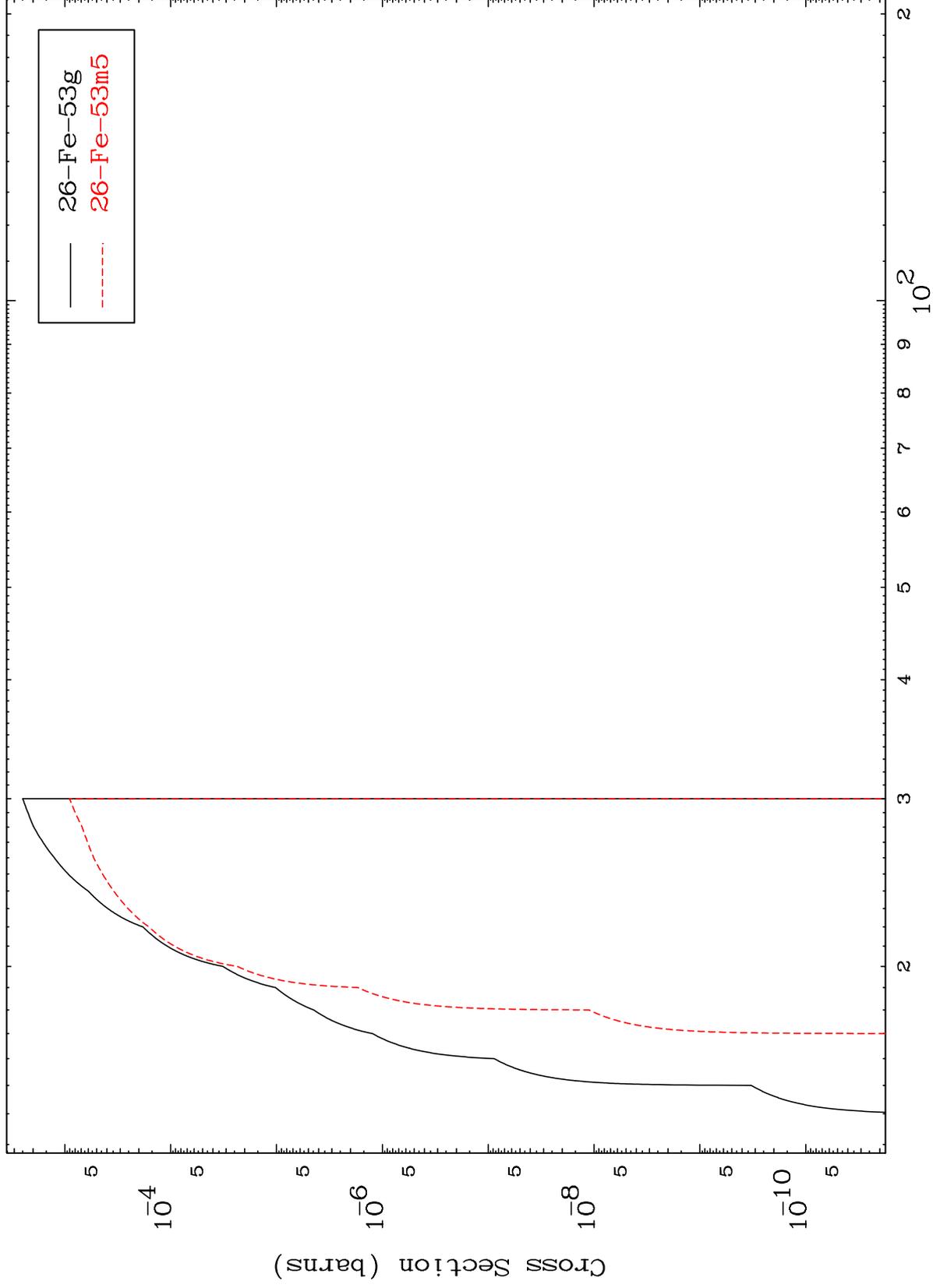
25-Mn-52

MAT 2516

(α, t)

25-Mn-52

Radionuclide Production Cross Section



16

Incident Energy (MeV)

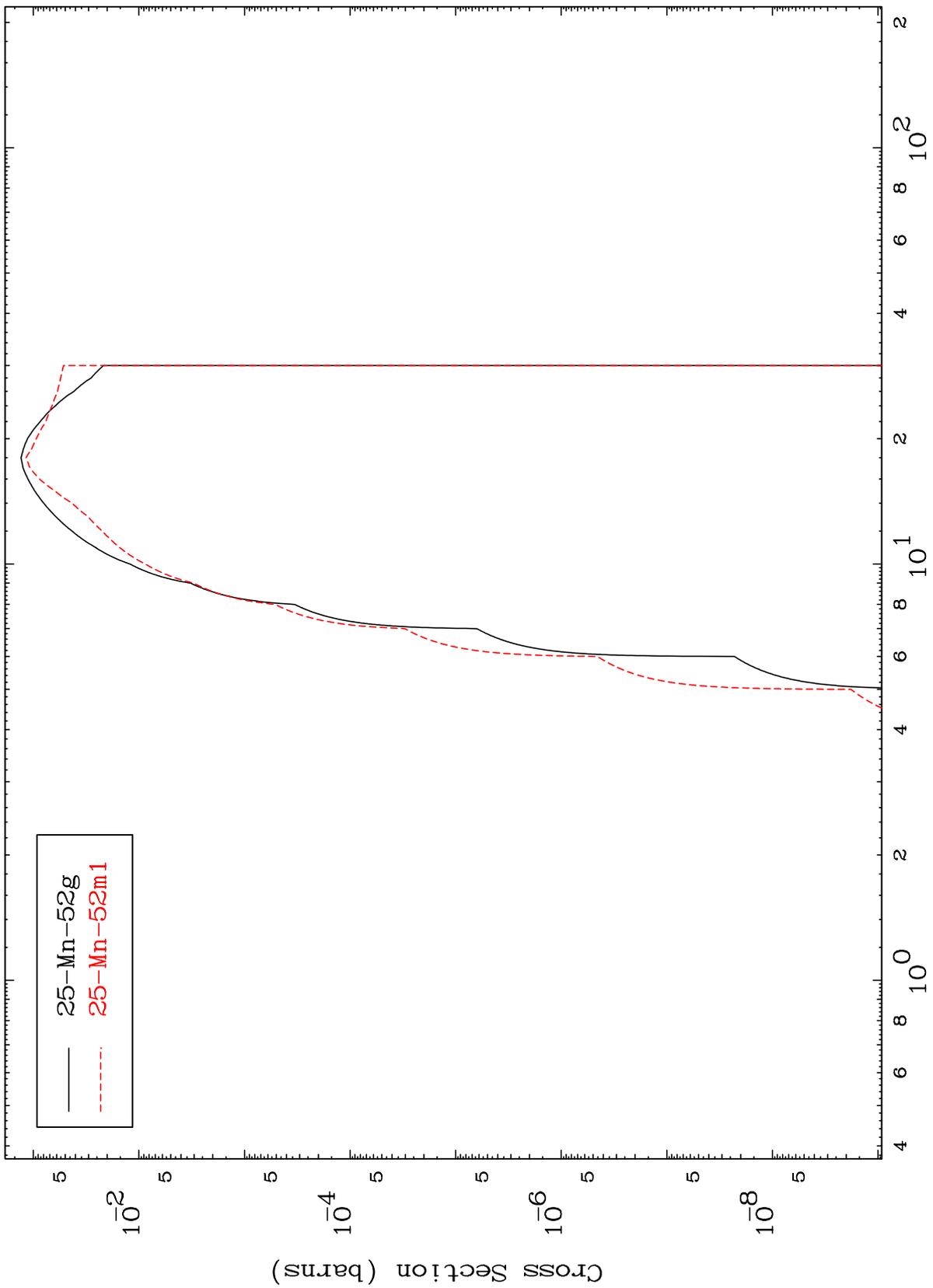
25-Mn-52

MAT 2516

(α, α)

25-Mn-52

Radionuclide Production Cross Section



Legend:
— 25-Mn-52g
- - - 25-Mn-52m1

Incident Energy (MeV)

25-Mn-52

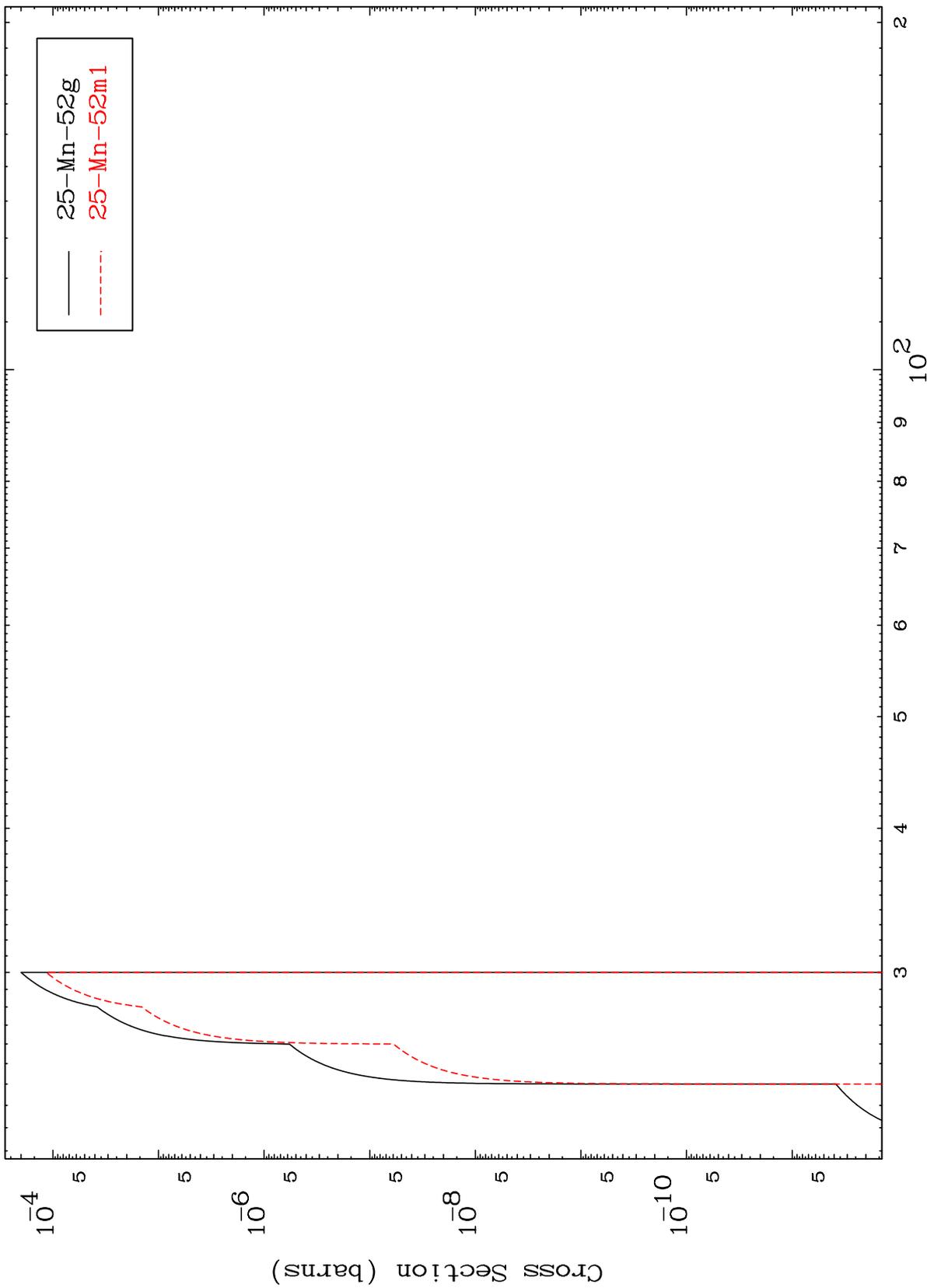
17

MAT 2516

(α, p) t

25-Mn-52

Radionuclide Production Cross Section



18

Incident Energy (MeV)

25-Mn-52