

Program EVALPLOT
(Version 2018-1)

by

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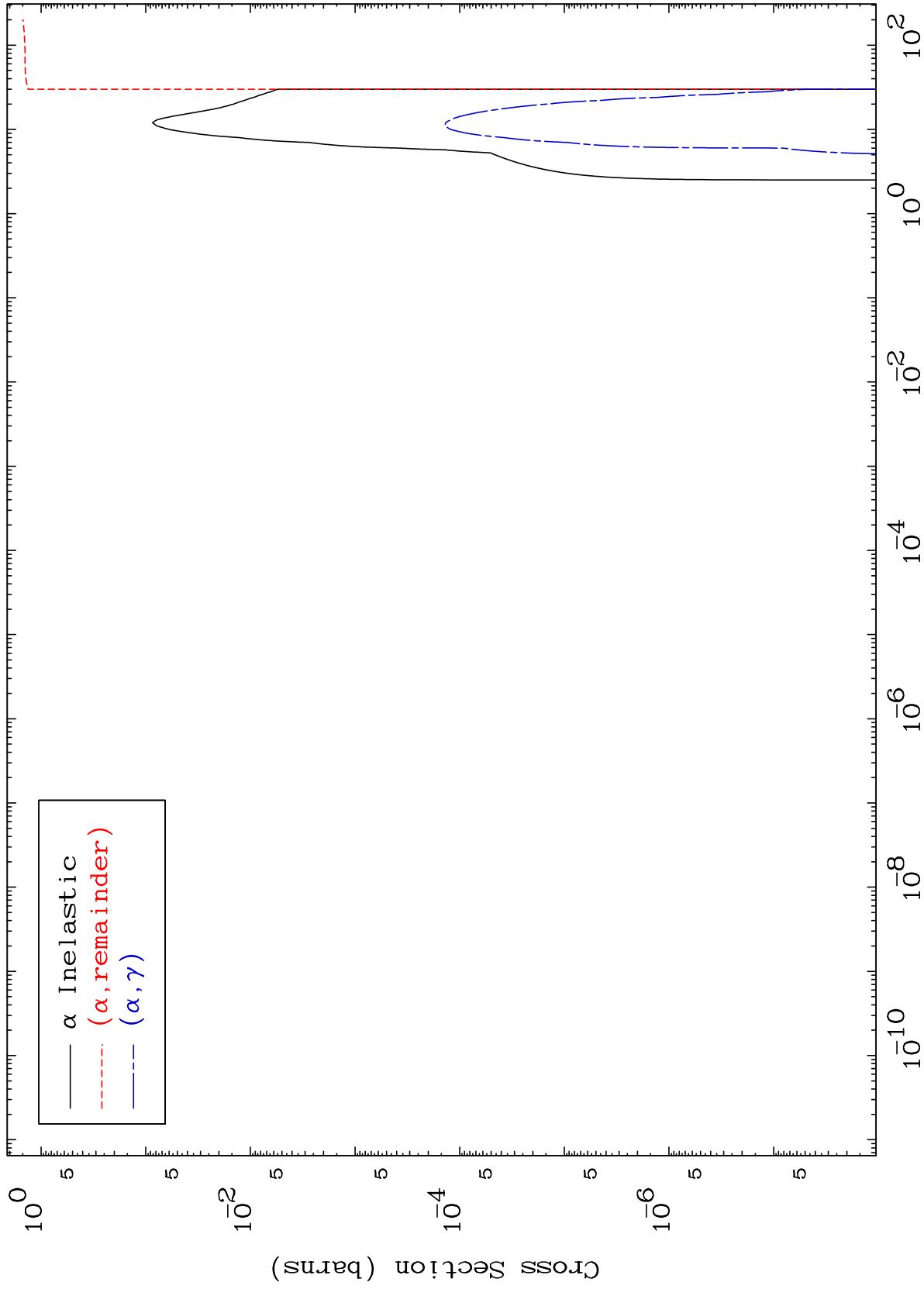
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2516

0 Kelvin α Major
Cross Sections

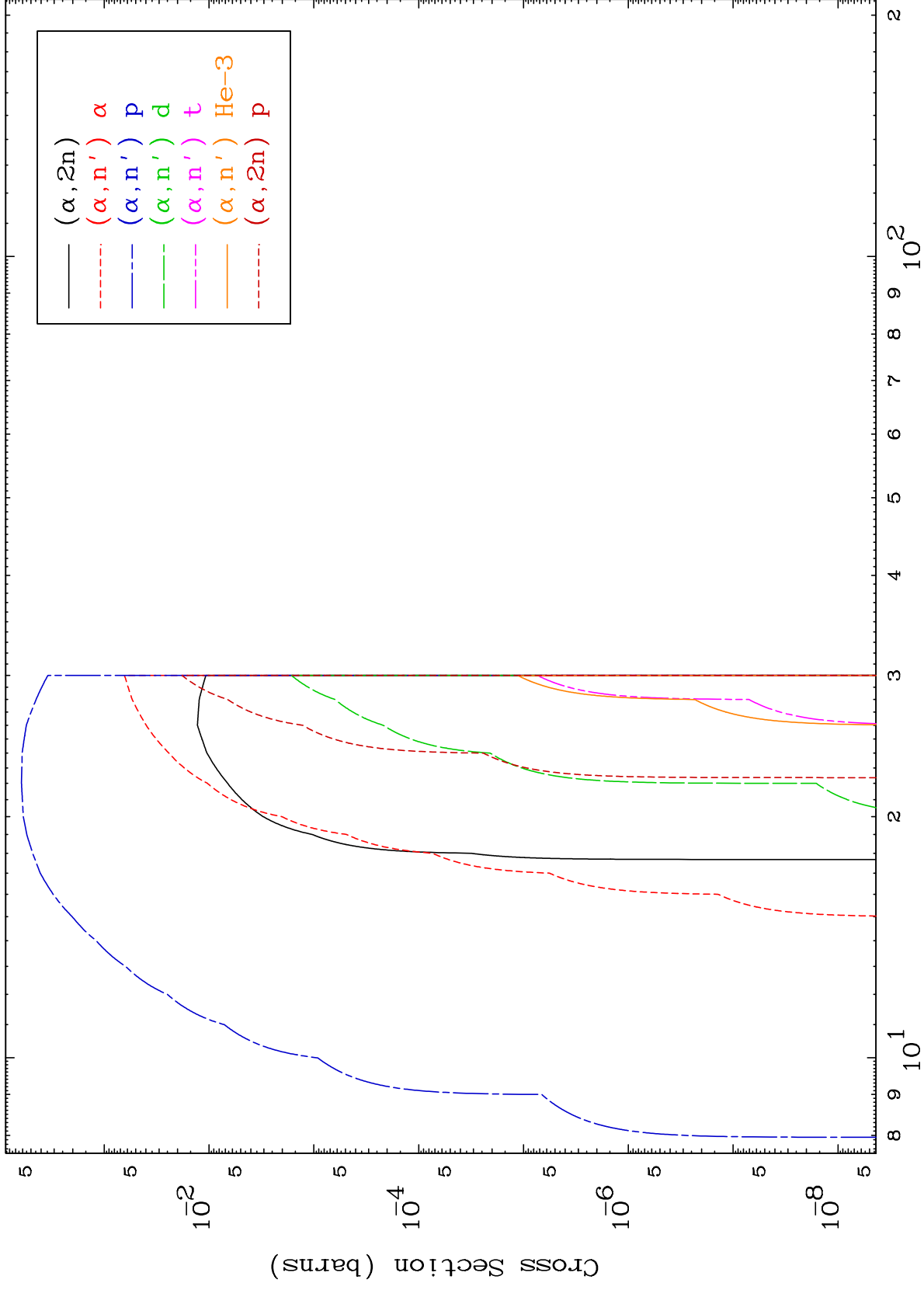
25-Mn-52



MAT 2516

α Neutron Production
0 Kelvin Cross Sections

25-Mn-52



2

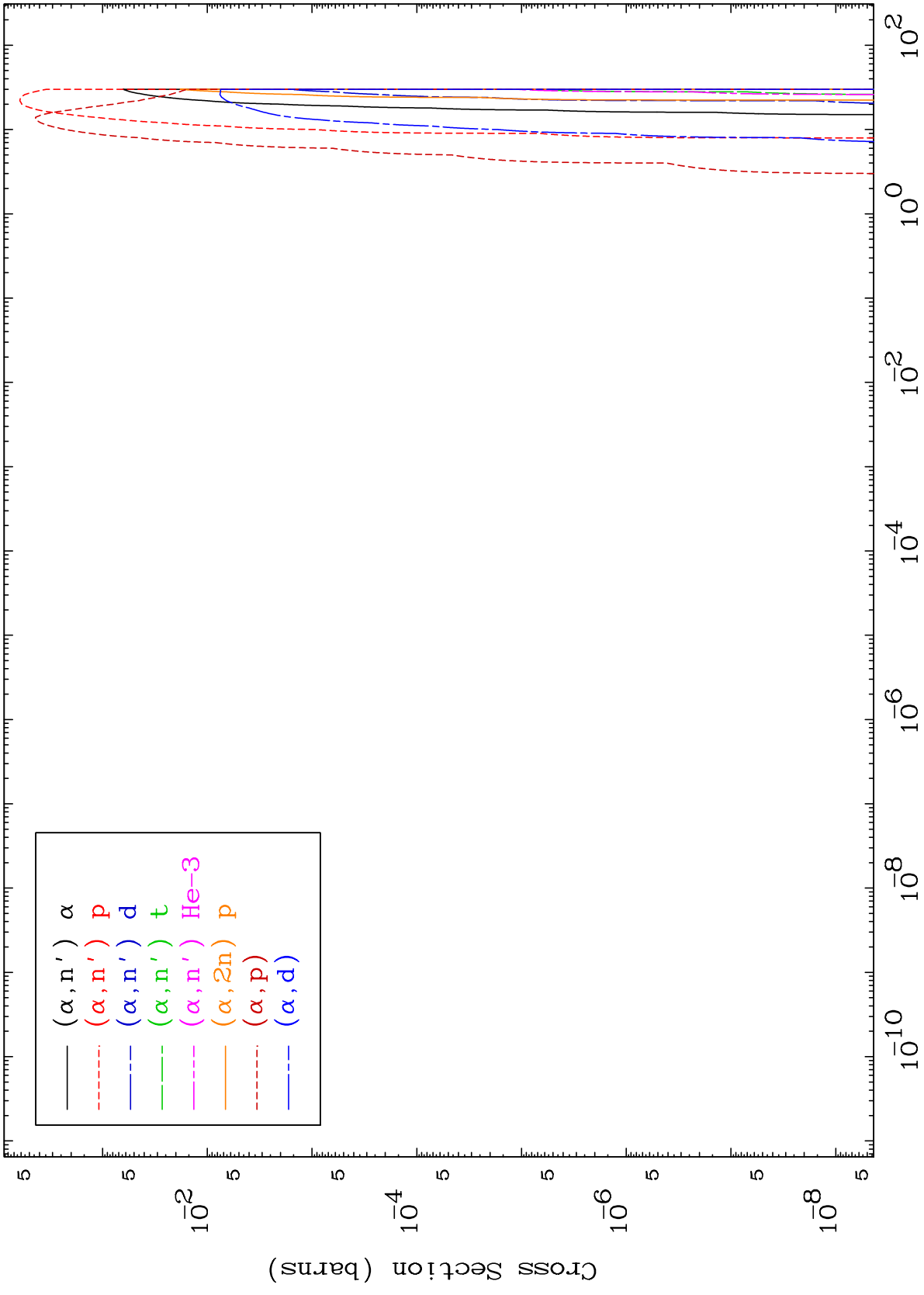
Incident Energy (MeV)

25-Mn-52

MAT 2516

α Charged Particle
0 Kelvin Cross Sections

25-Mn-52



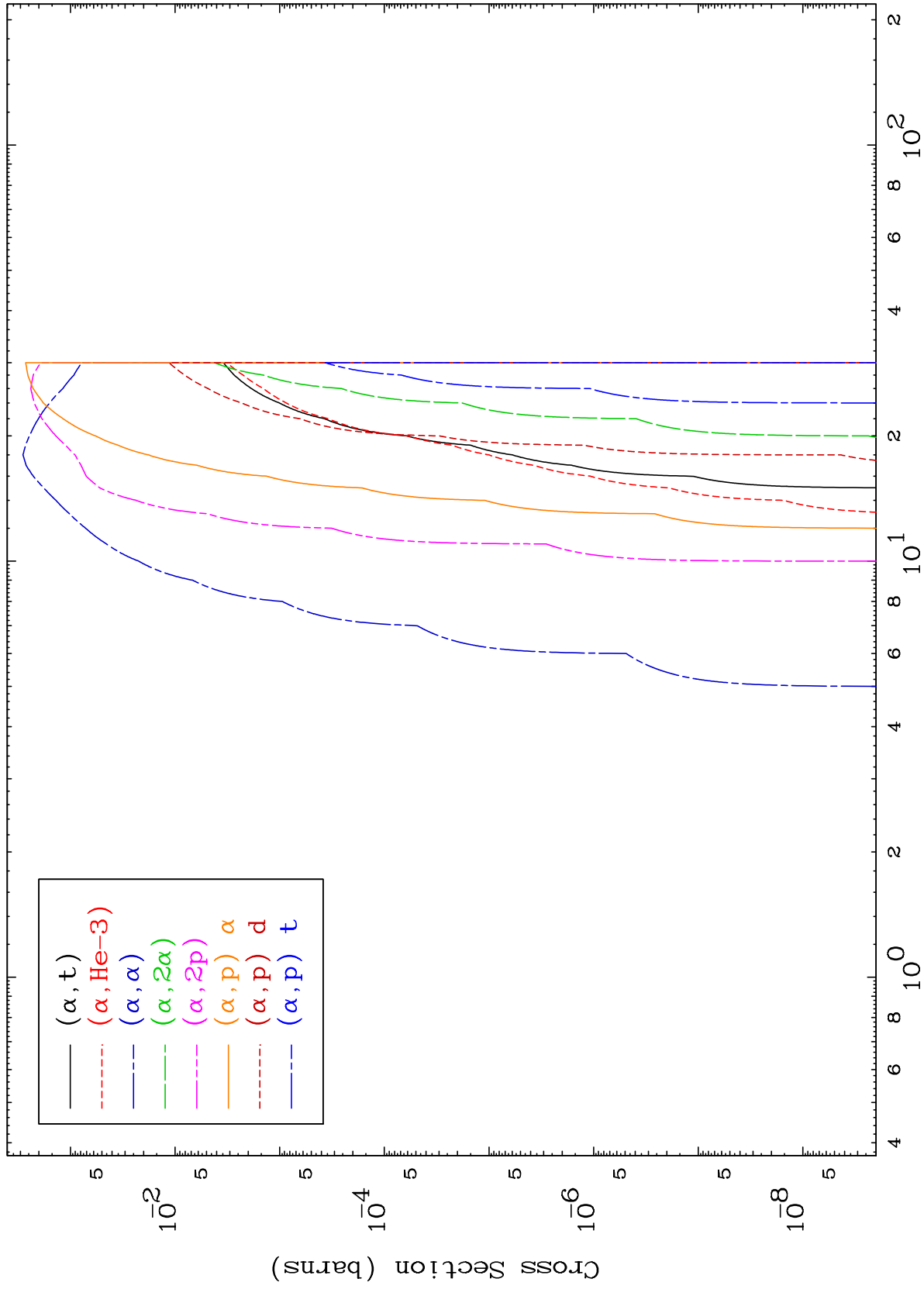
3

25-Mn-52

MAT 2516

α Charged Particle
0 Kelvin Cross Sections

25-Mn-52



4

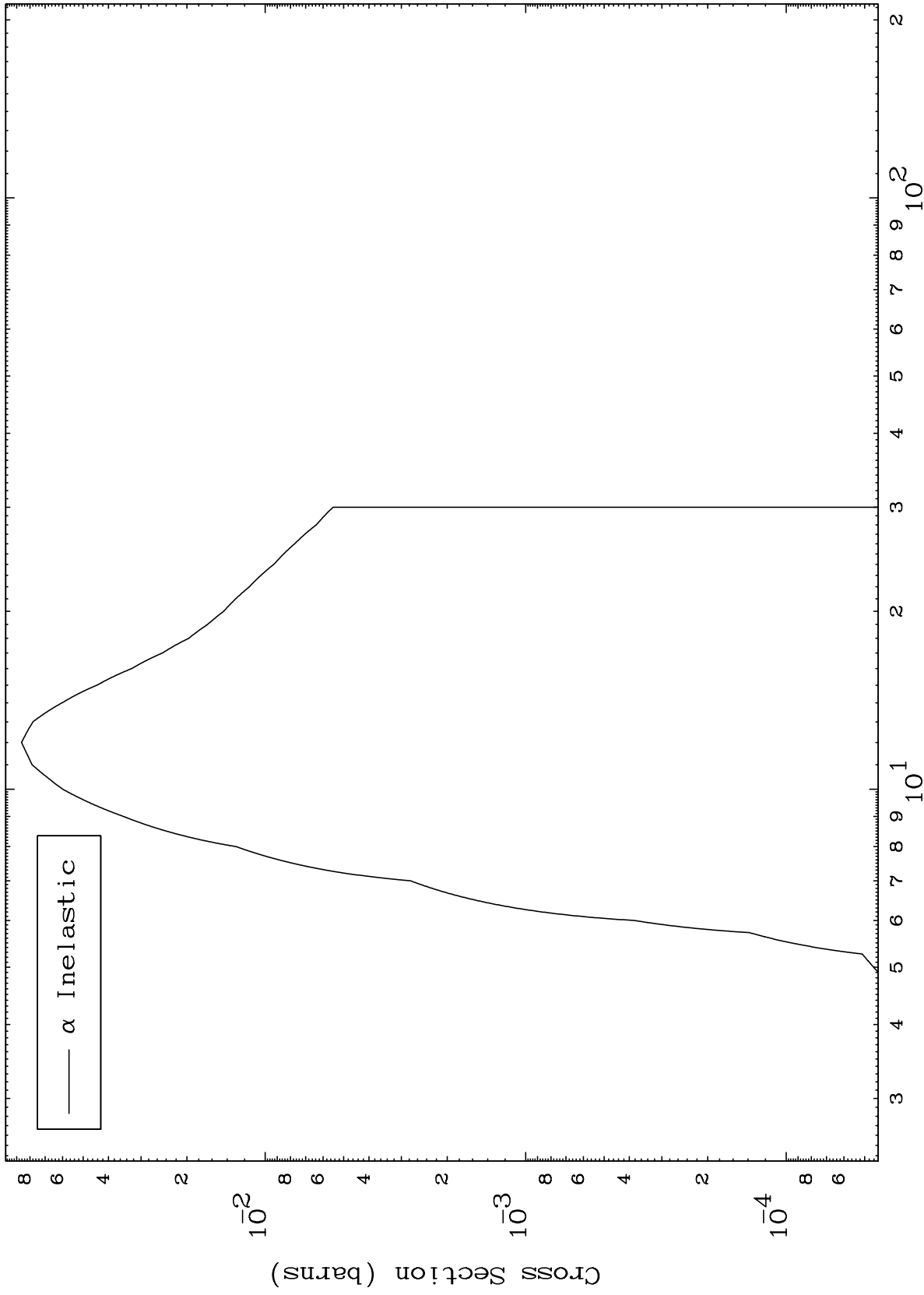
Incident Energy (MeV)

25-Mn-52

MAT 2516

(α, n') Level
0 Kelvin Cross Sections

25-Mn-52



5

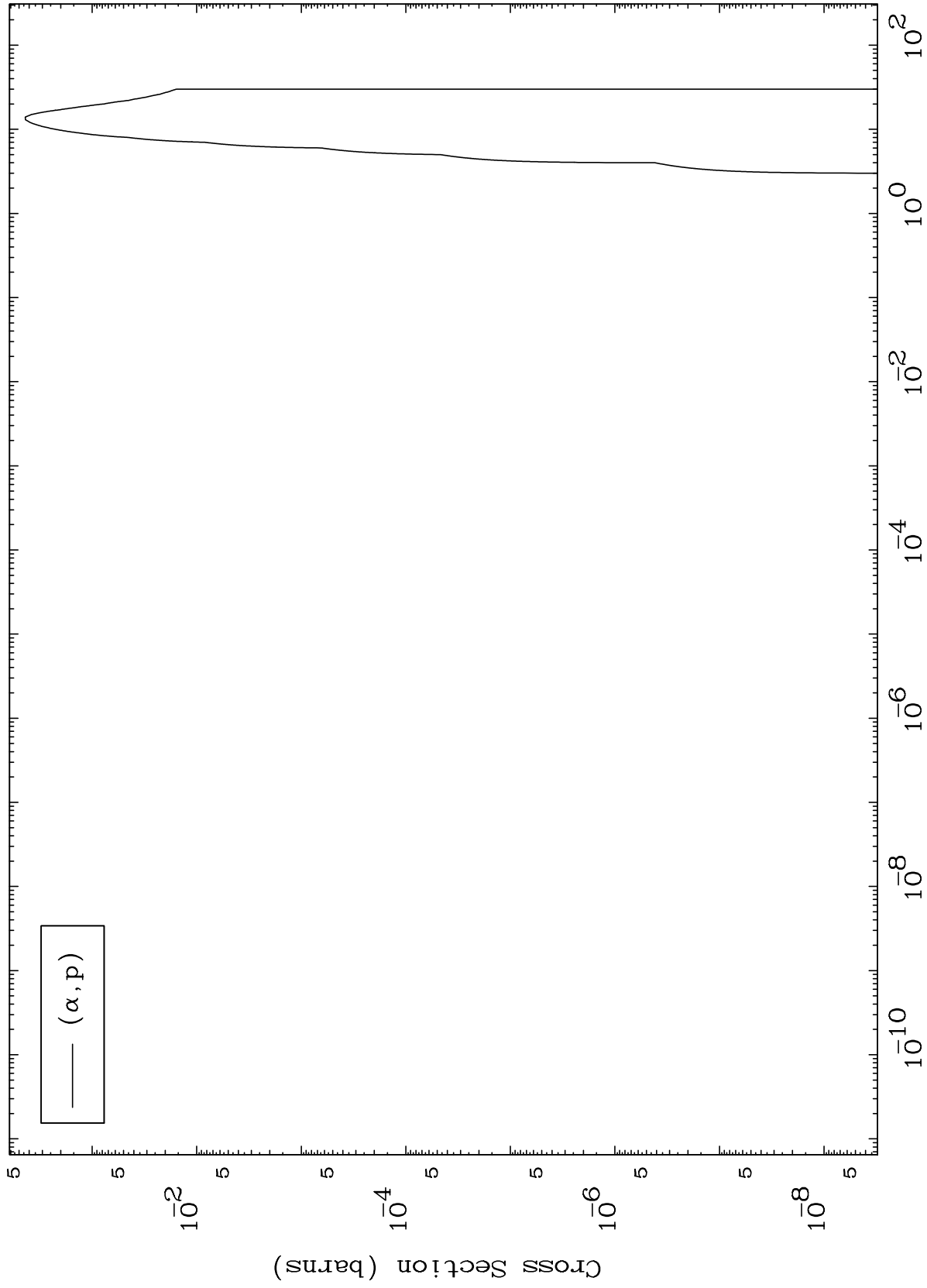
Incident Energy (MeV)

25-Mn-52

MAT 2516

(α, p) Levels
0 Kelvin Cross Sections

25-Mn-52



6

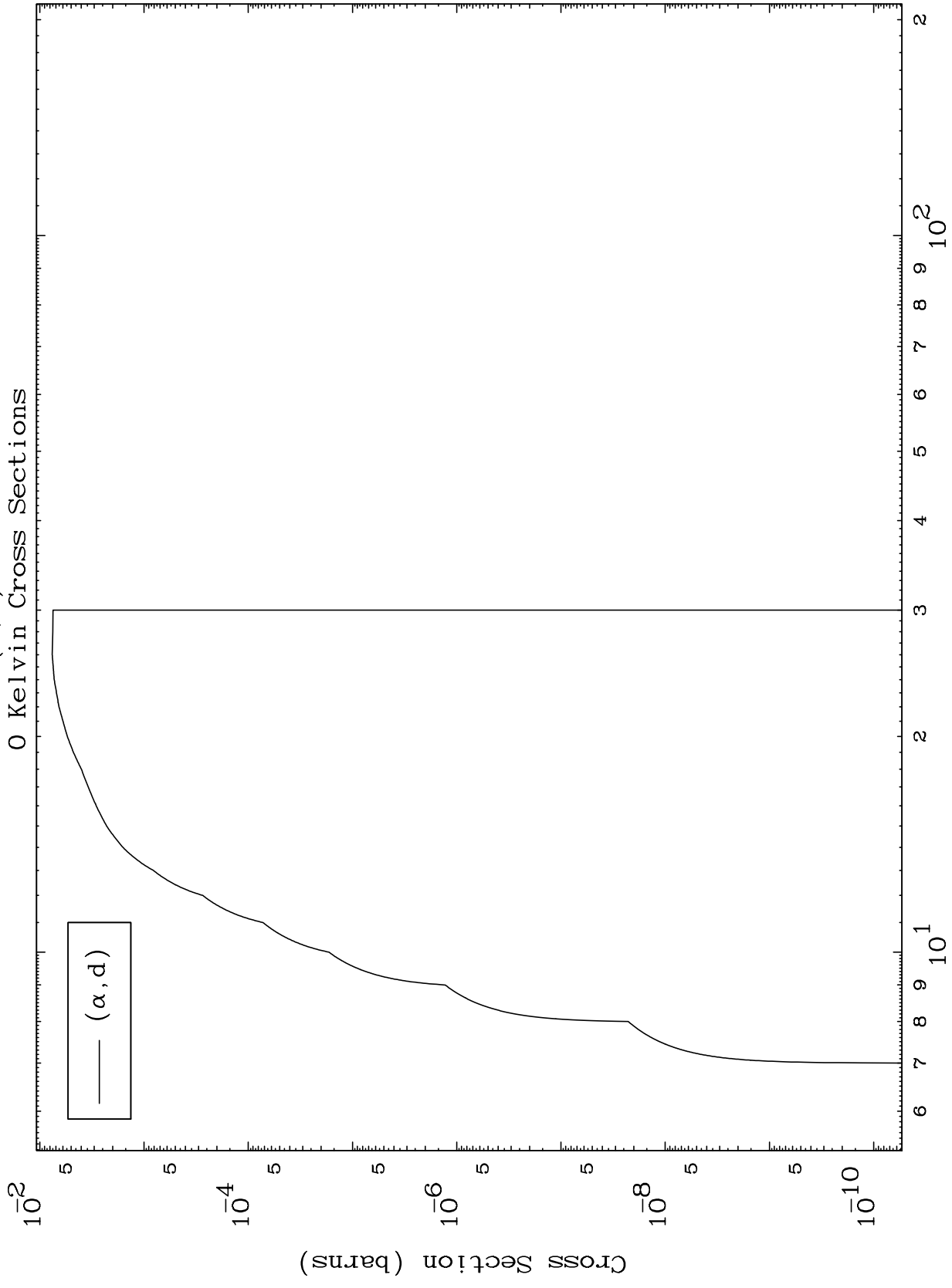
Incident Energy (MeV)

25-Mn-52

MAT 2516

(α, d) Levels
0 Kelvin Cross Sections

25-Mn-52

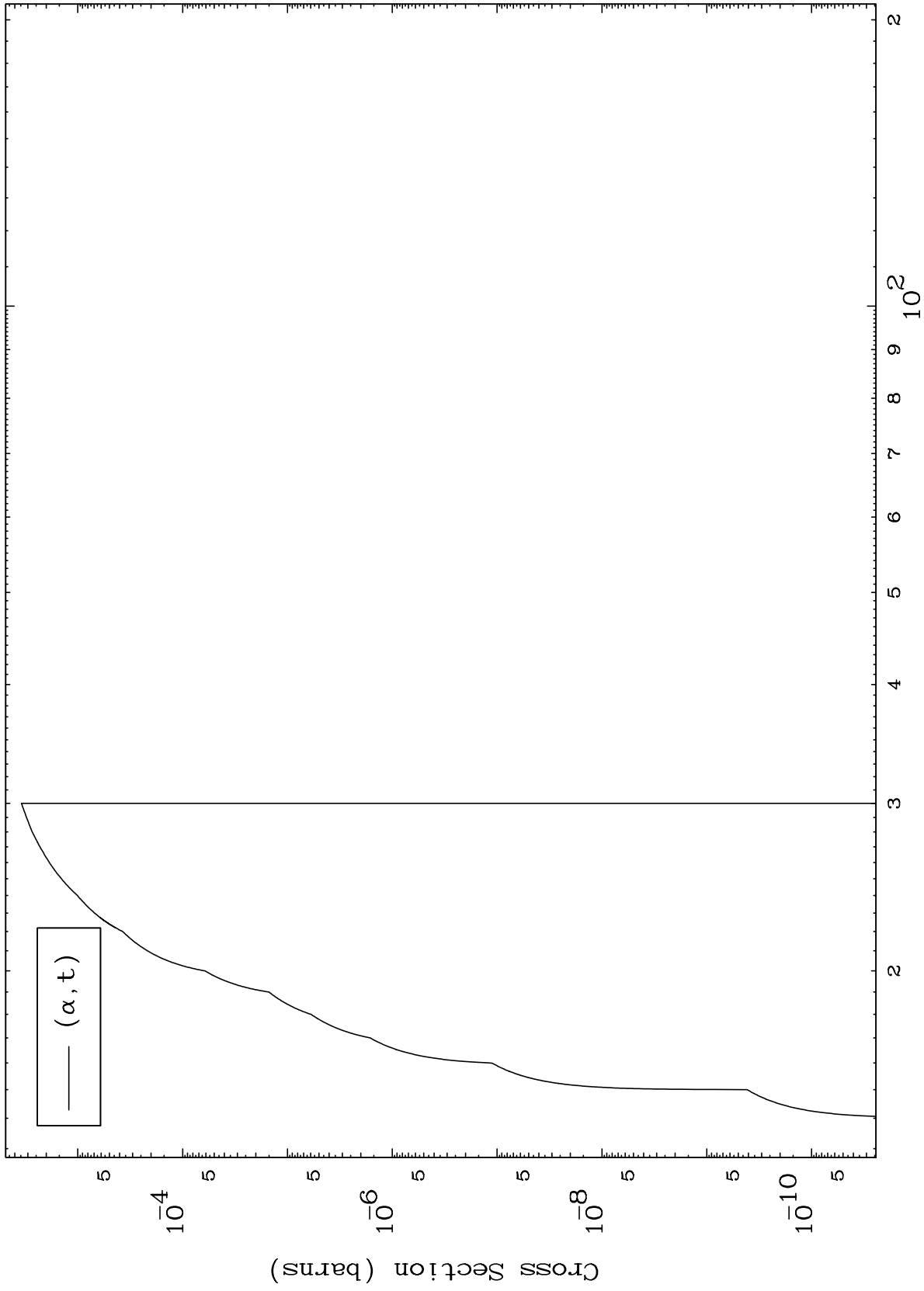


(α, d)

7

Incident Energy (MeV)

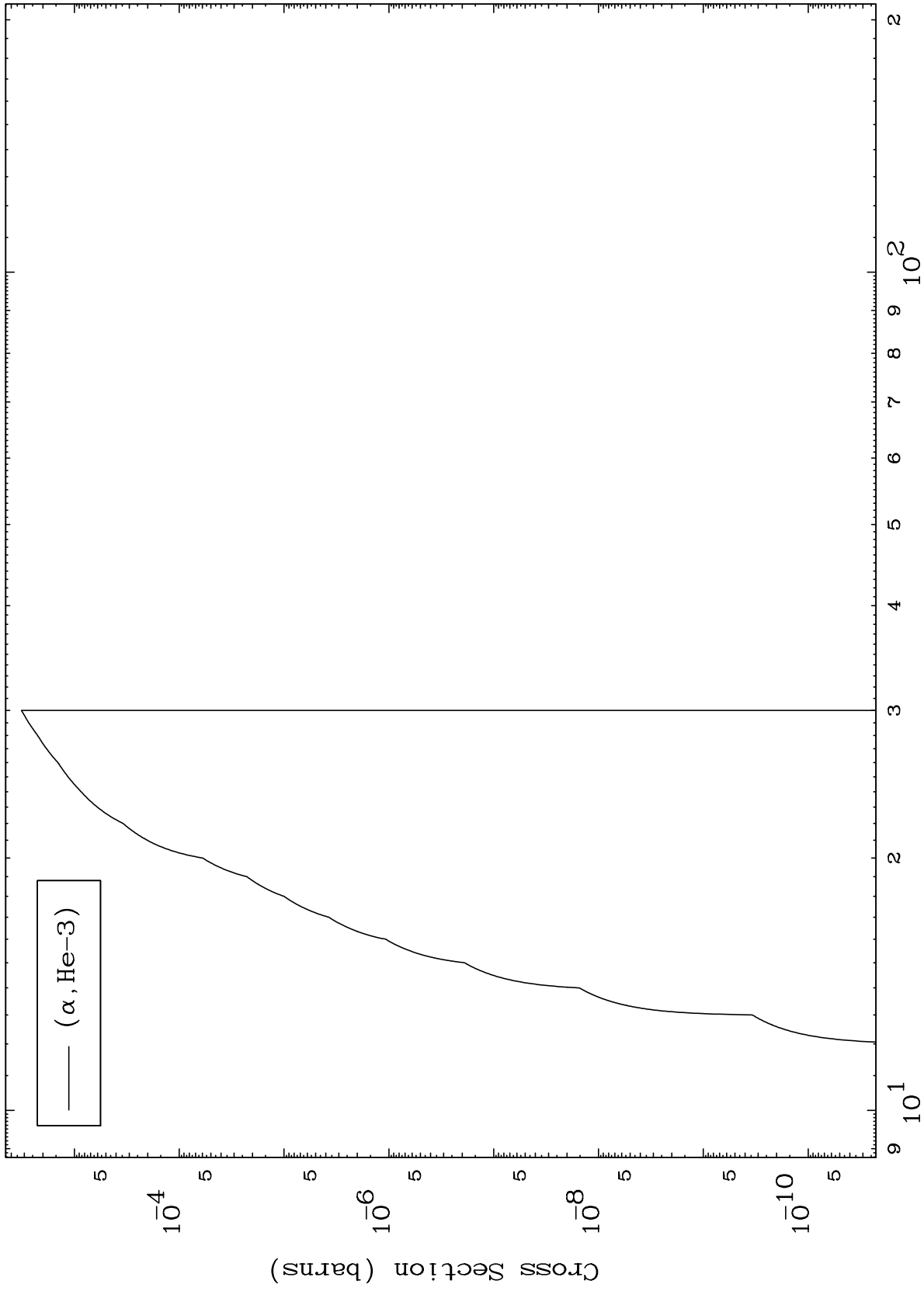
25-Mn-52



MAT 2516

(α ,He3) Levels
0 Kelvin Cross Sections

25-Mn-52



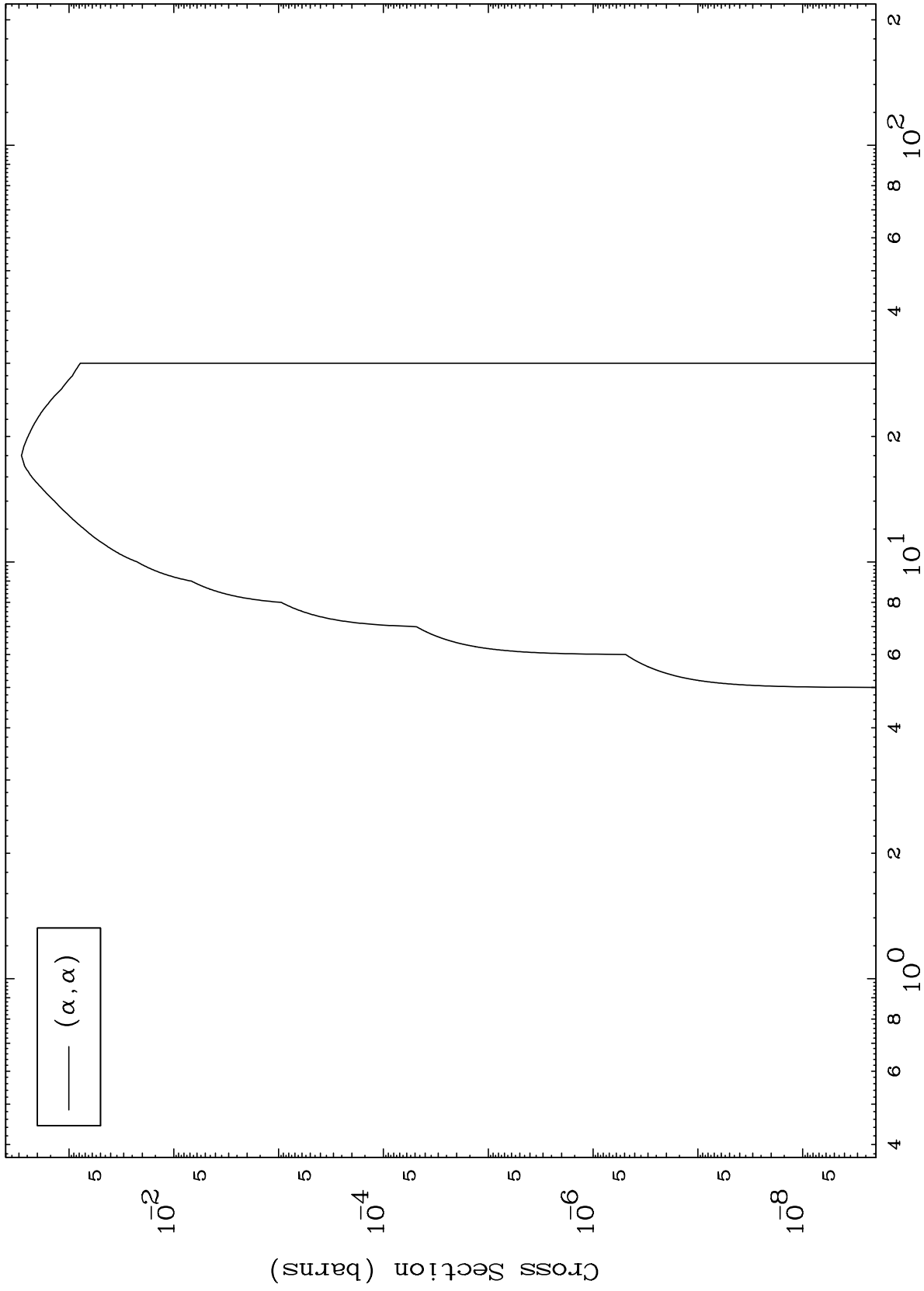
Incident Energy (MeV)

25-Mn-52

MAT 2516

(α, α) Levels
0 Kelvin Cross Sections

25-Mn-52



10

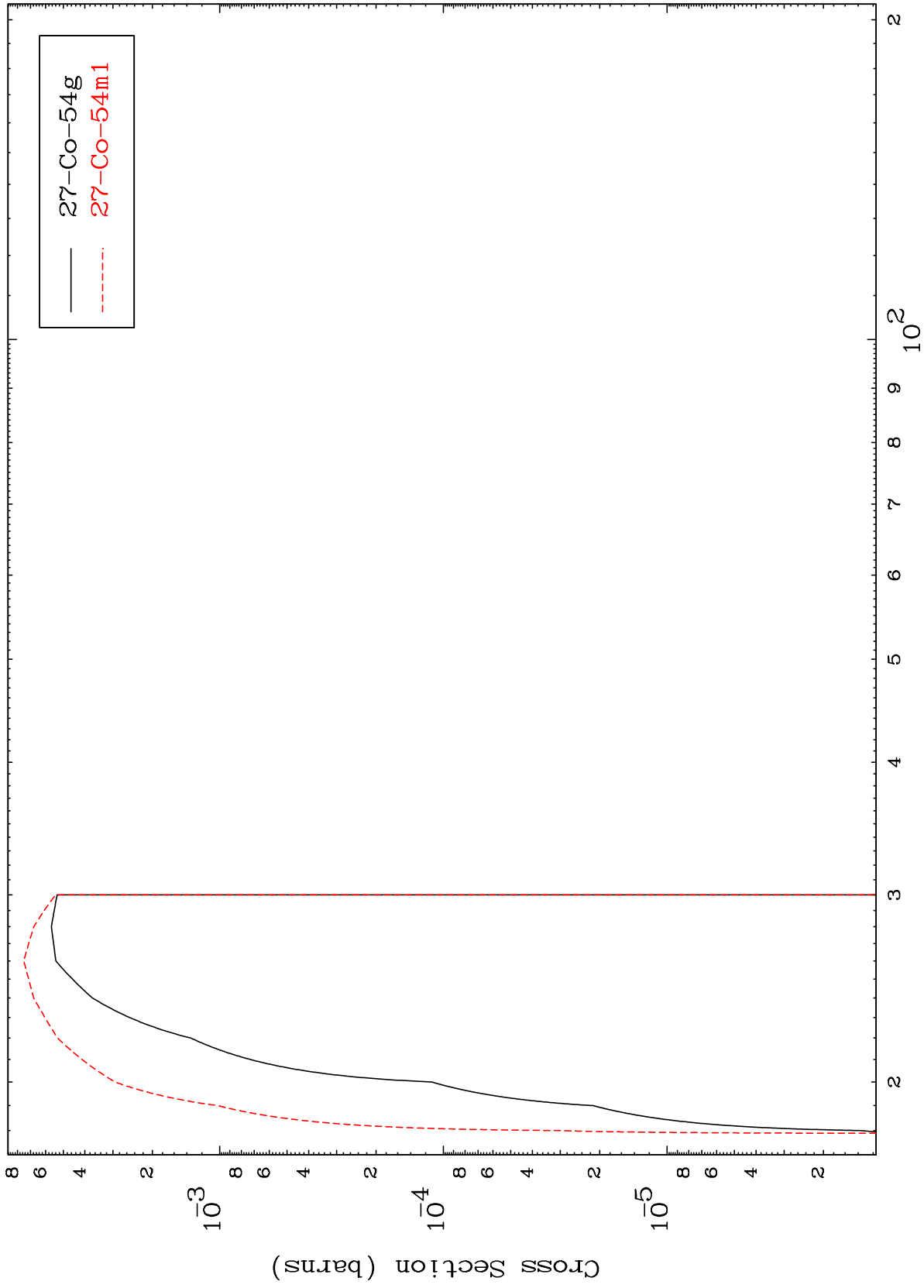
Incident Energy (MeV)

25-Mn-52

MAT 2516

25-Mn-52

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



11

25-Mn-52

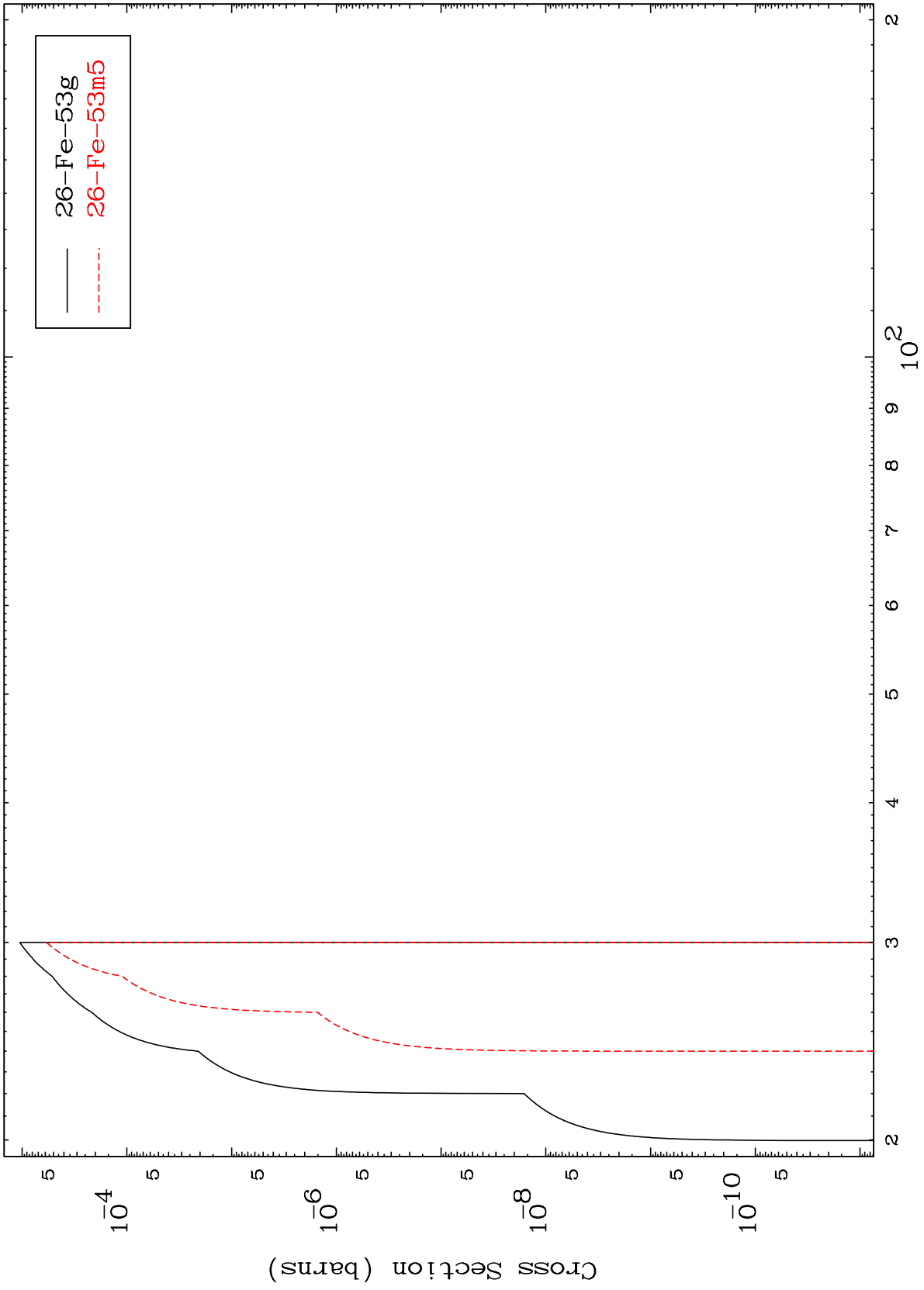
Incident Energy (MeV)

MAT 2516

(α, n') d

²⁵Mn-52

Radionuclide Production Cross Section



12

Incident Energy (MeV)

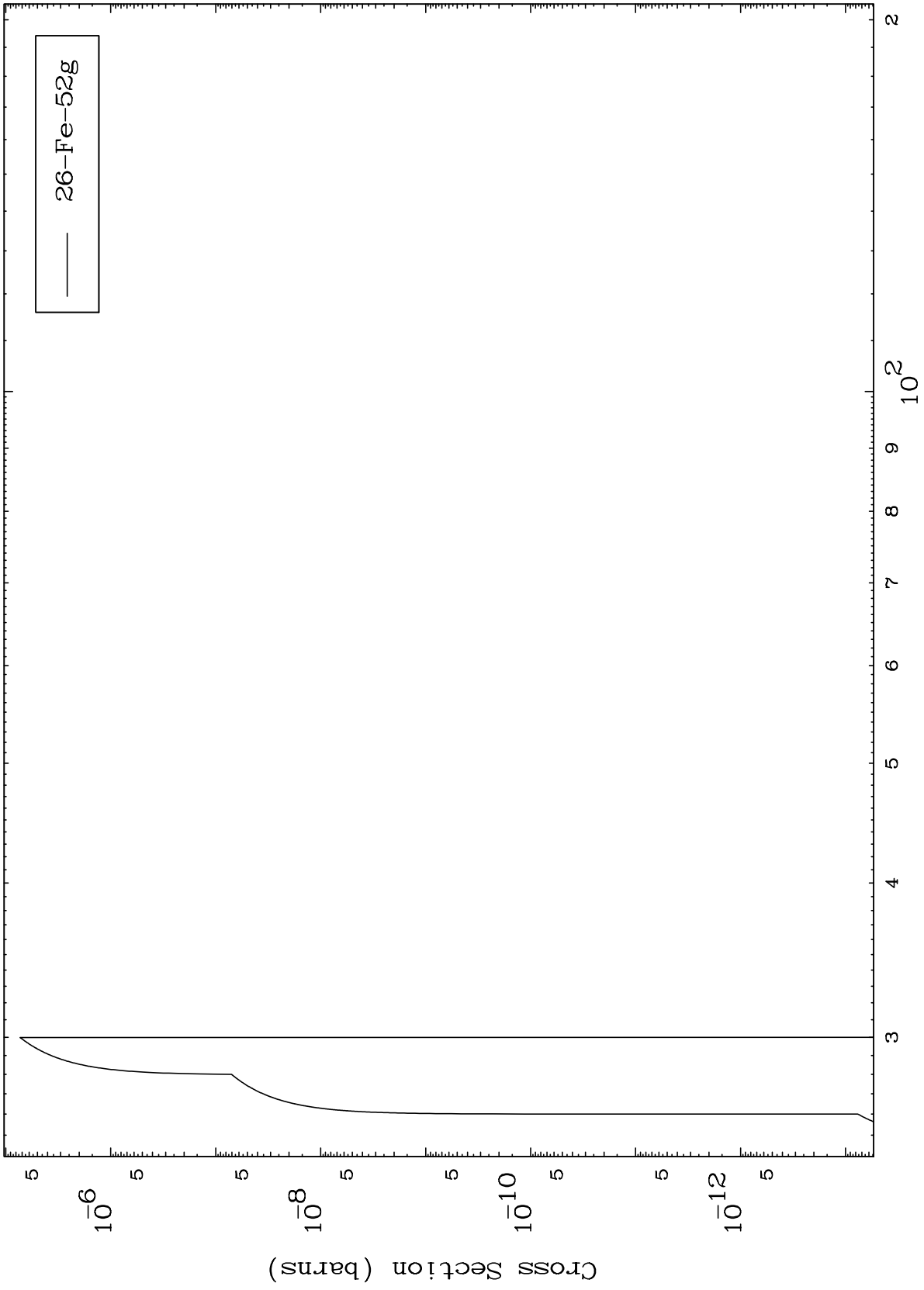
²⁵Mn-52

MAT 2516

(α, n') t

25-Mn-52

Radionuclide Production Cross Section



13

Incident Energy (MeV)

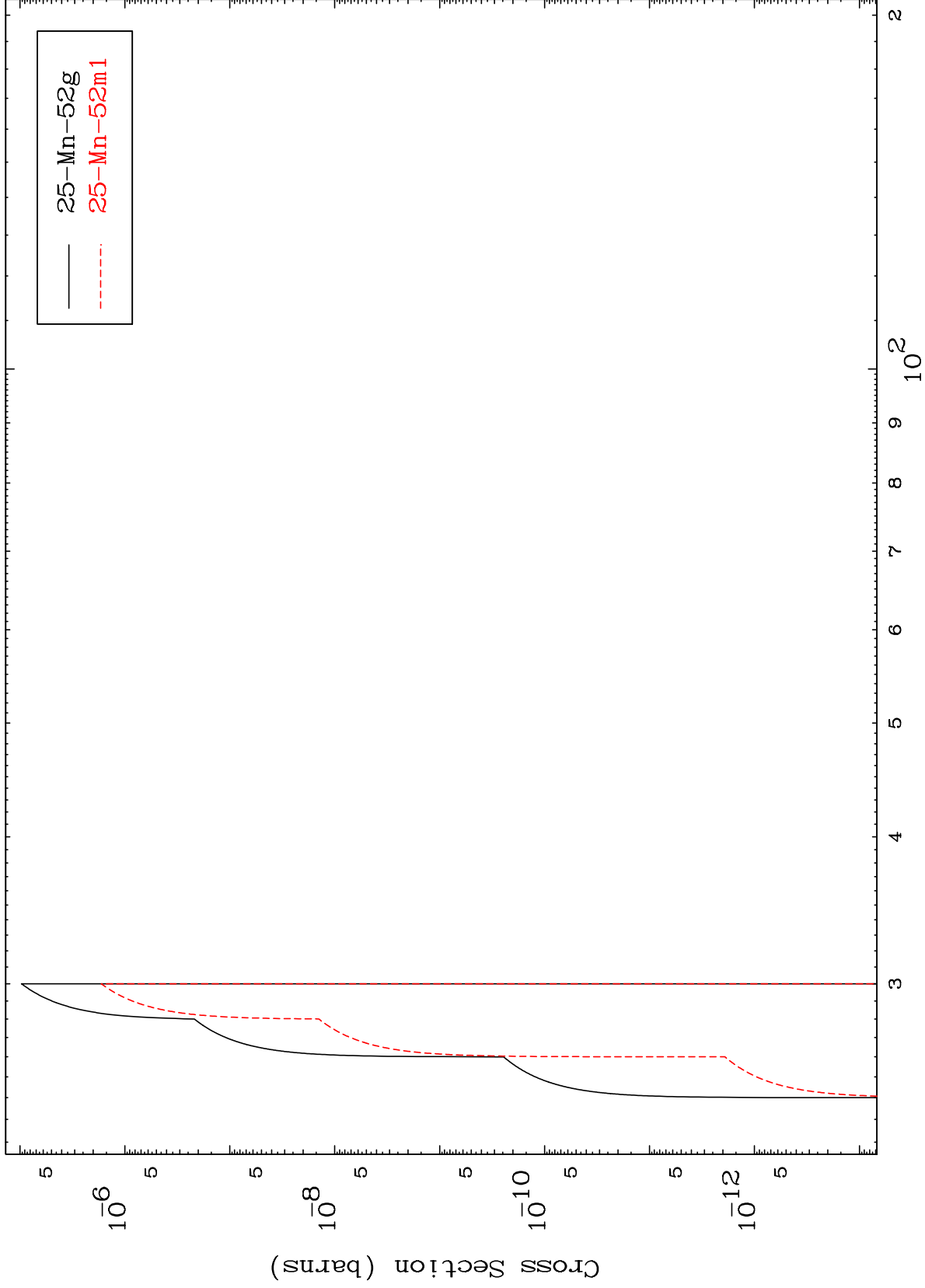
25-Mn-52

MAT 2516

(α, n') He-3

²⁵Mn-52

Radionuclide Production Cross Section



— 25-Mn-52g
- - - 25-Mn-52m1

14

Incident Energy (MeV)

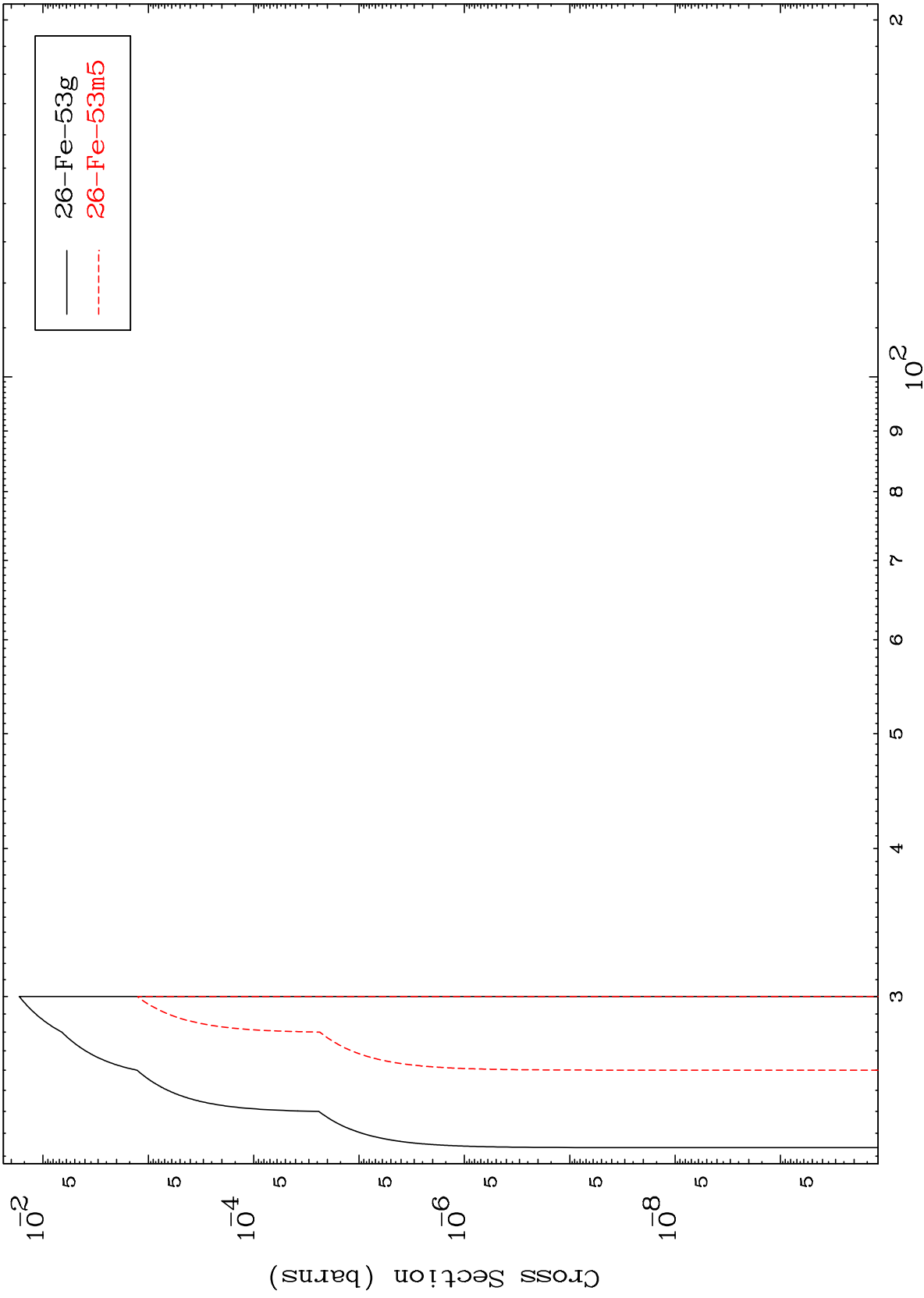
²⁵Mn-52

MAT 2516

($\alpha, 2n$) p

²⁵Mn-52

Radionuclide Production Cross Section



15

Incident Energy (MeV)

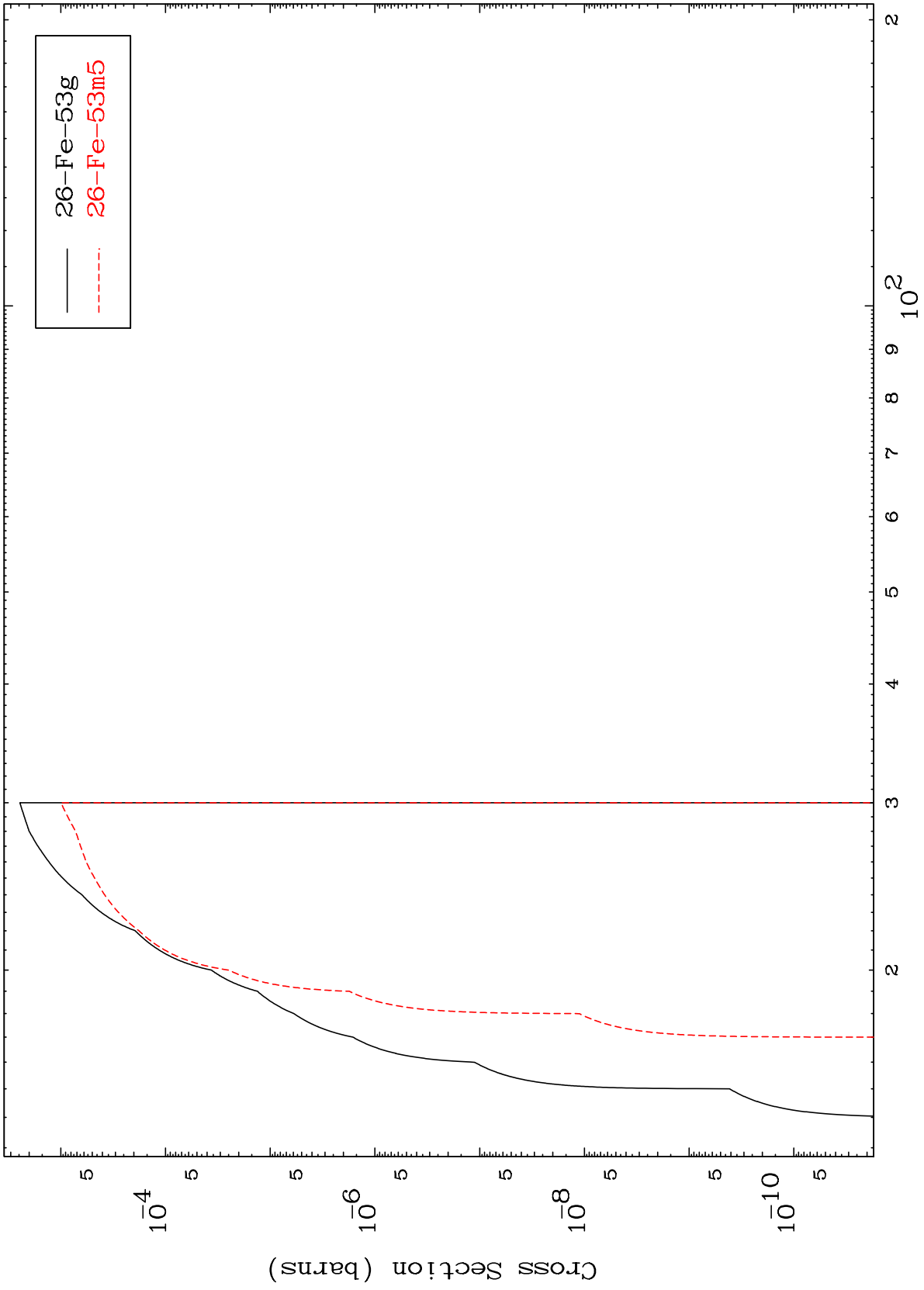
²⁵Mn-52

MAT 2516

(α, t)

25-Mn-52

Radionuclide Production Cross Section



16

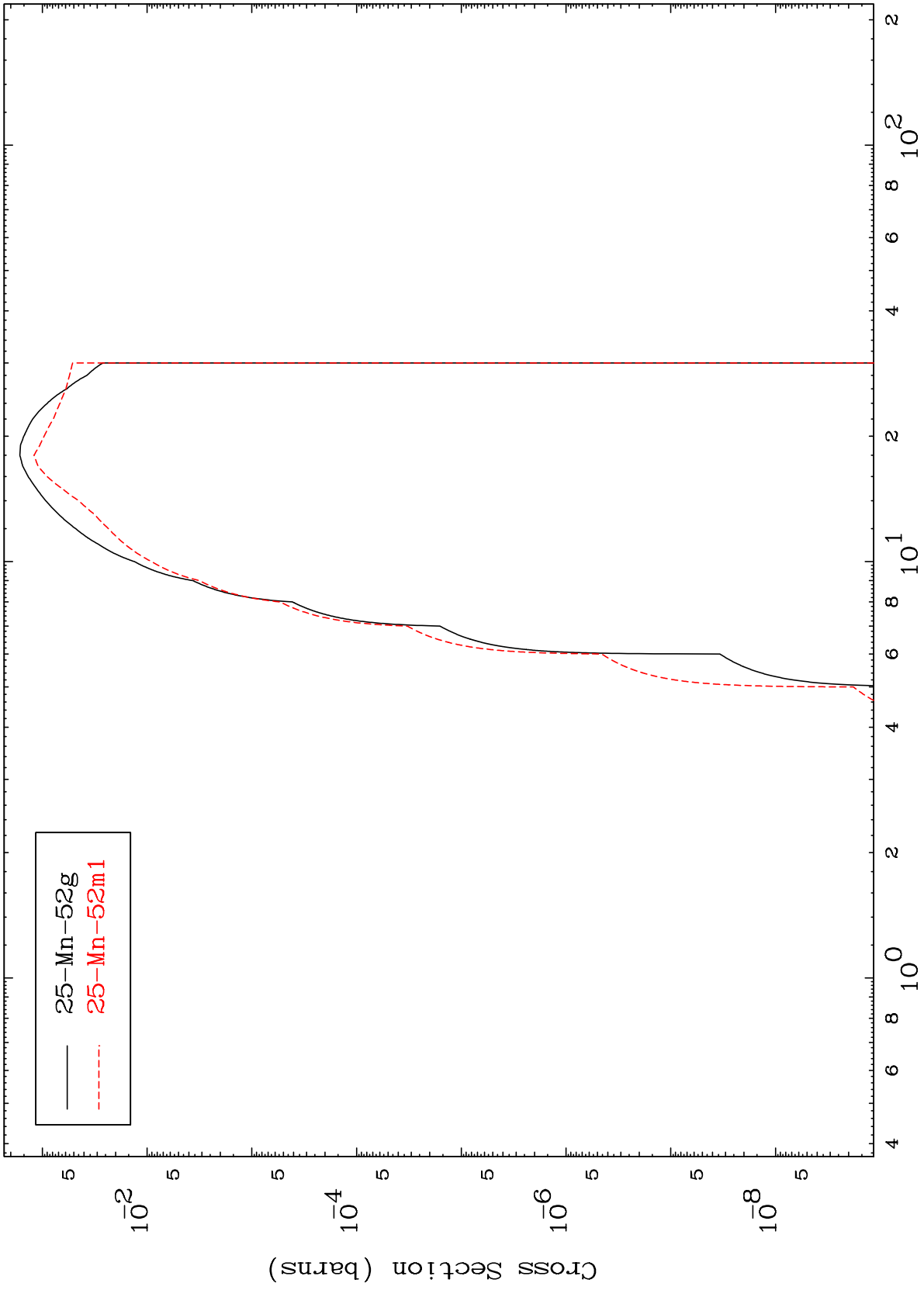
Incident Energy (MeV)

25-Mn-52

MAT 2516

²⁵Mn-52

Radionuclide Production Cross Section



17

Incident Energy (MeV)

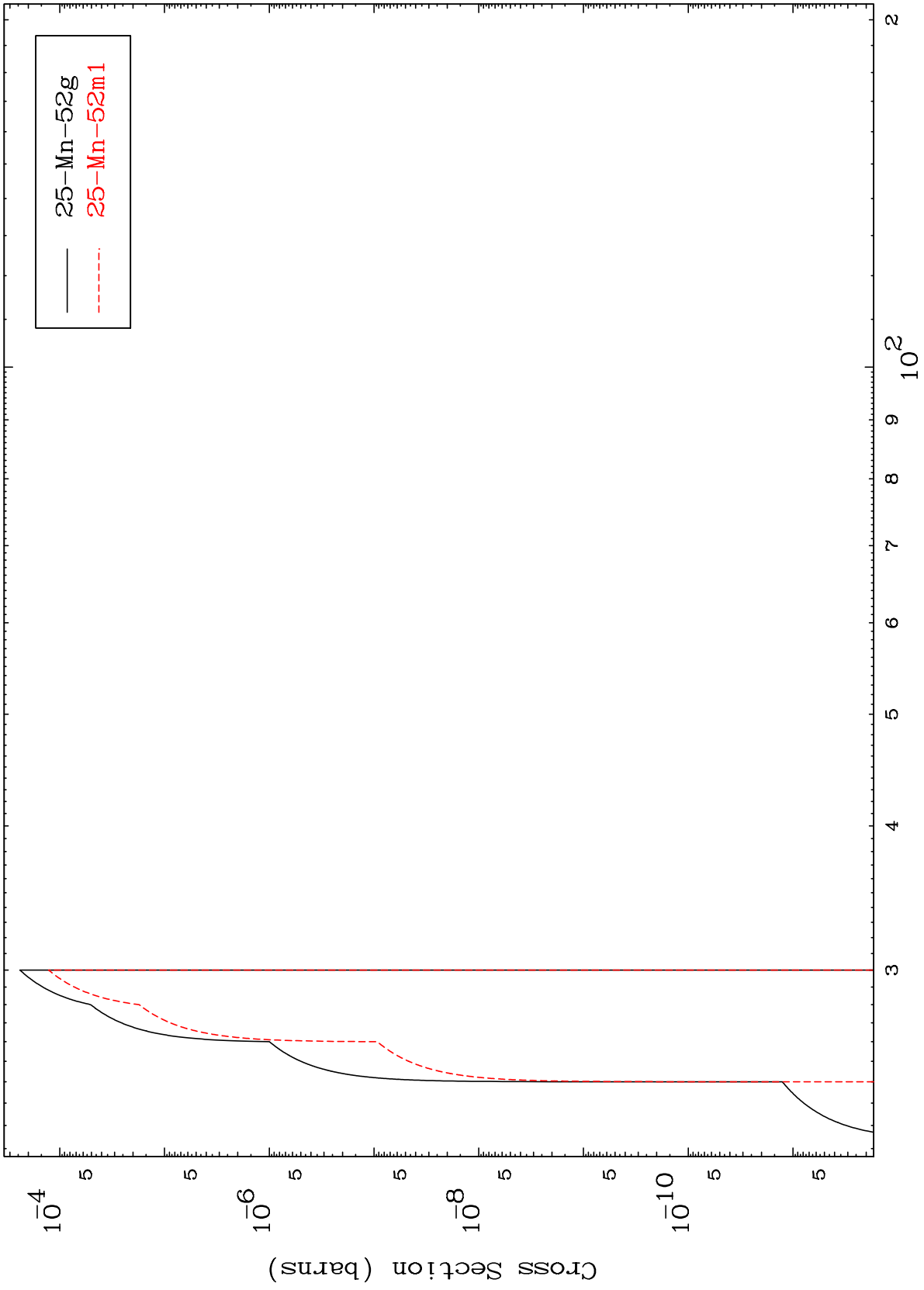
²⁵Mn-52

MAT 2516

(α, p) t

²⁵Mn-52

Radionuclide Production Cross Section



18

Incident Energy (MeV)

²⁵Mn-52