

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

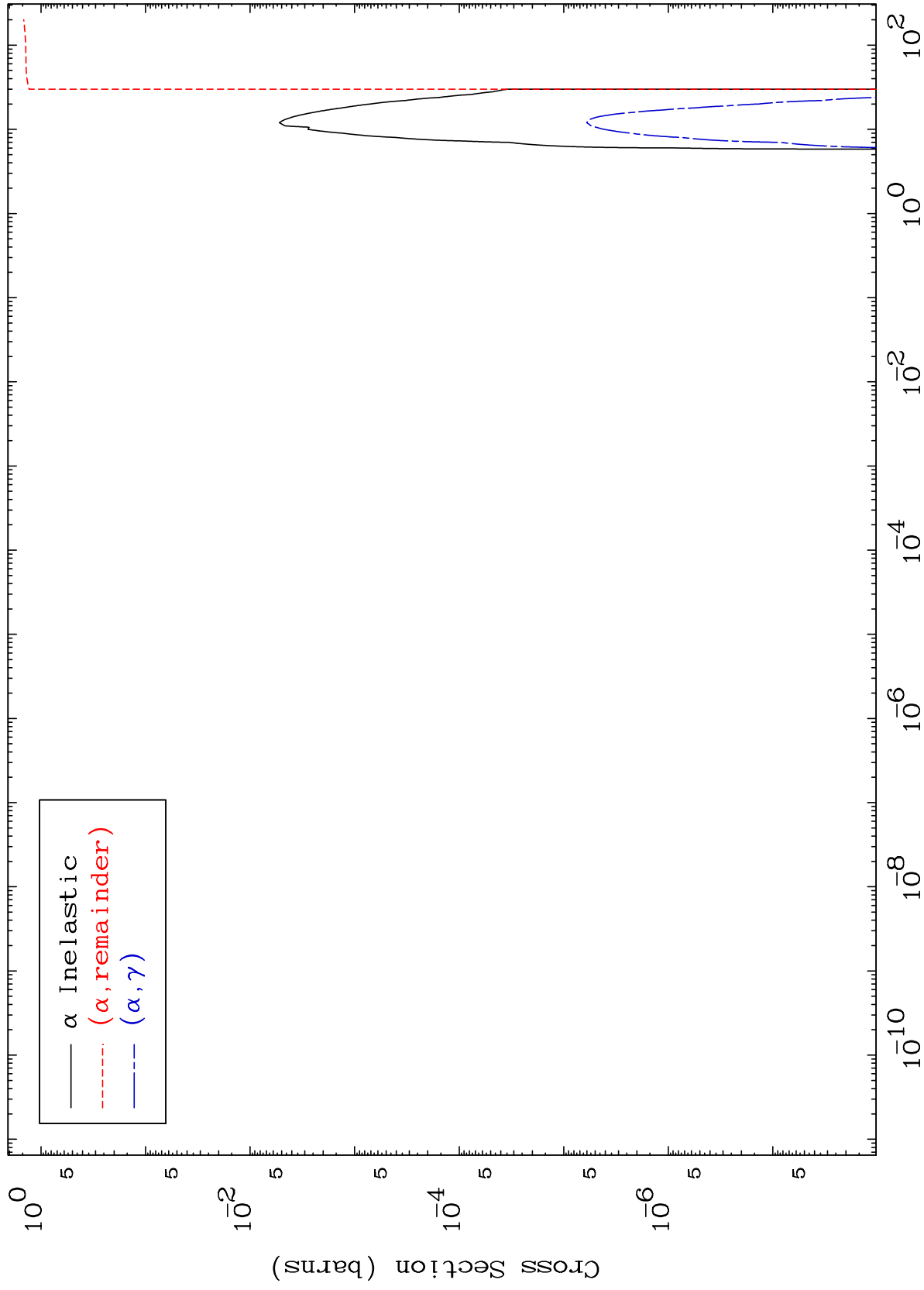
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2511

0 Kelvin α Major
Cross Sections

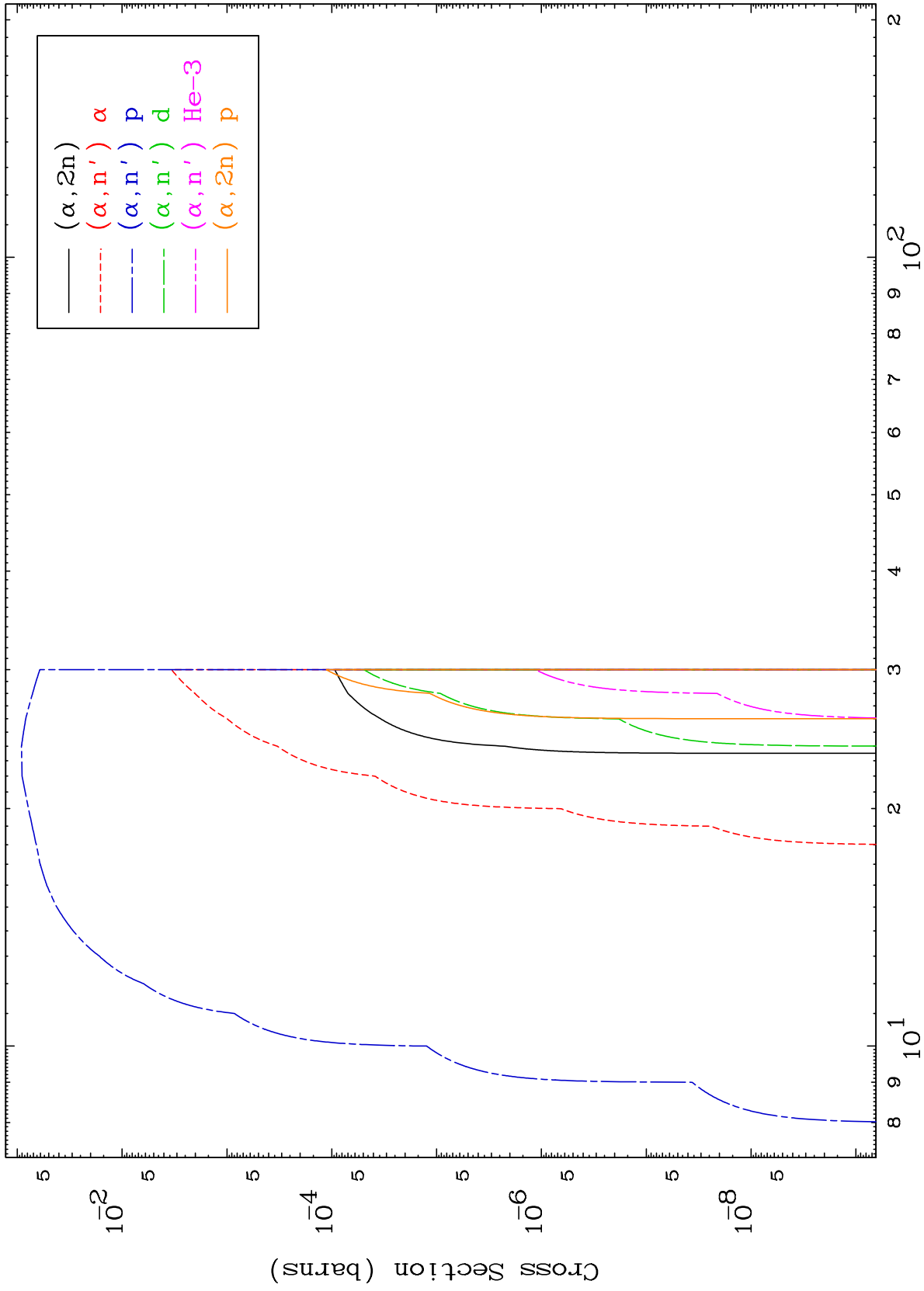
25-Mn-50



MAT 2511

α Neutron Production
0 Kelvin Cross Sections

25-Mn-50



2

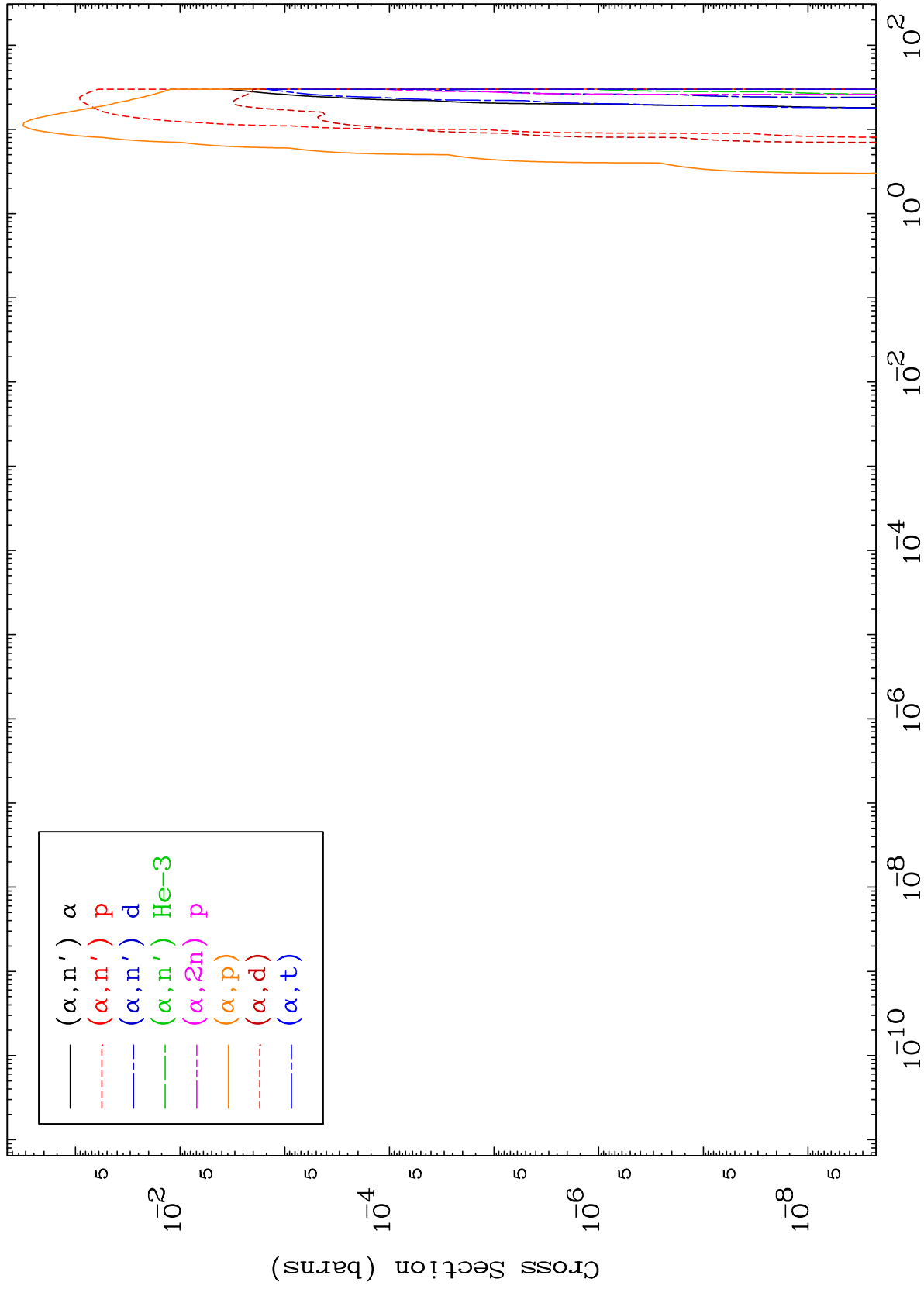
Incident Energy (MeV)

25-Mn-50

MAT 2511

α Charged Particle
0 Kelvin Cross Sections

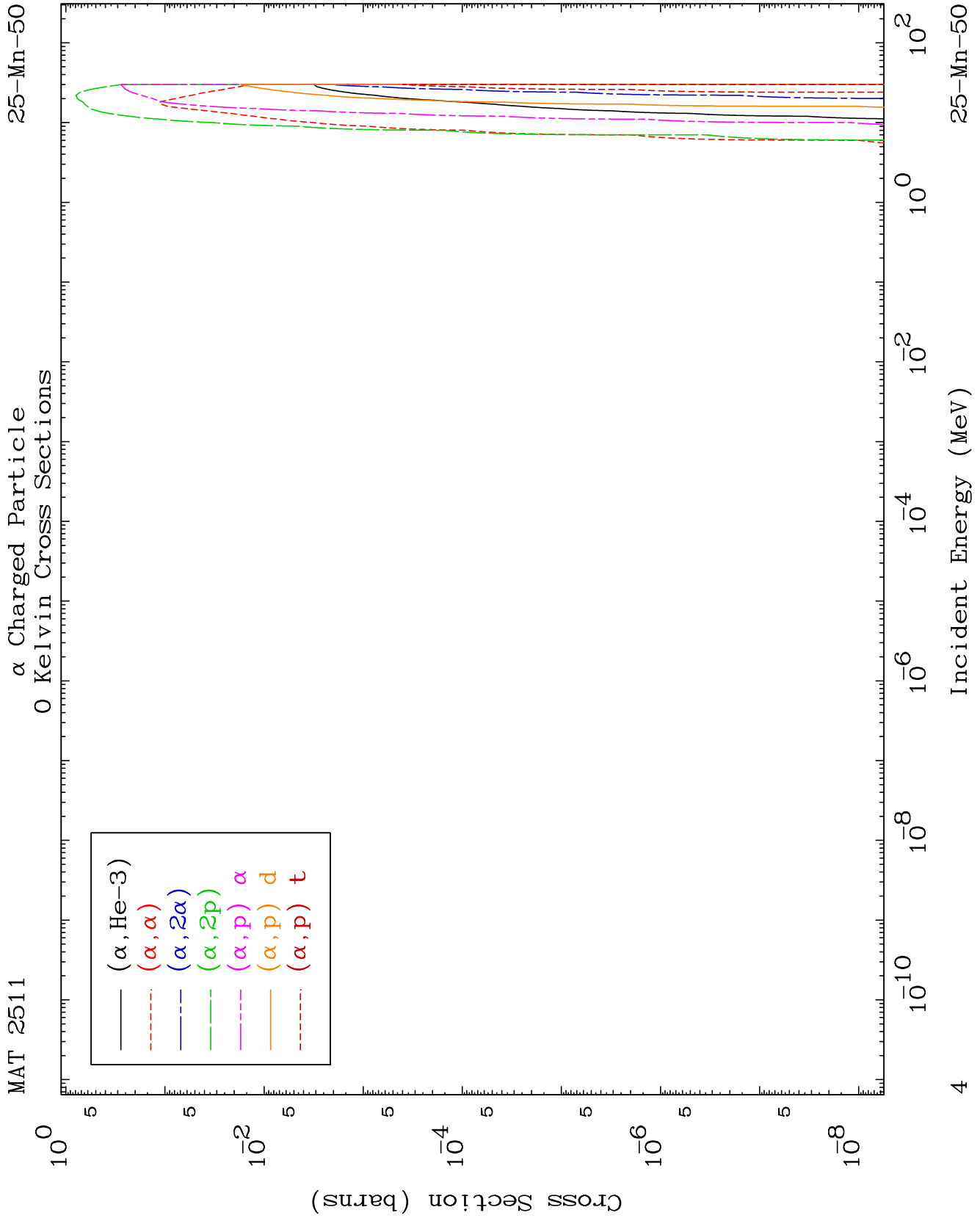
25-Mn-50



3

Incident Energy (MeV)

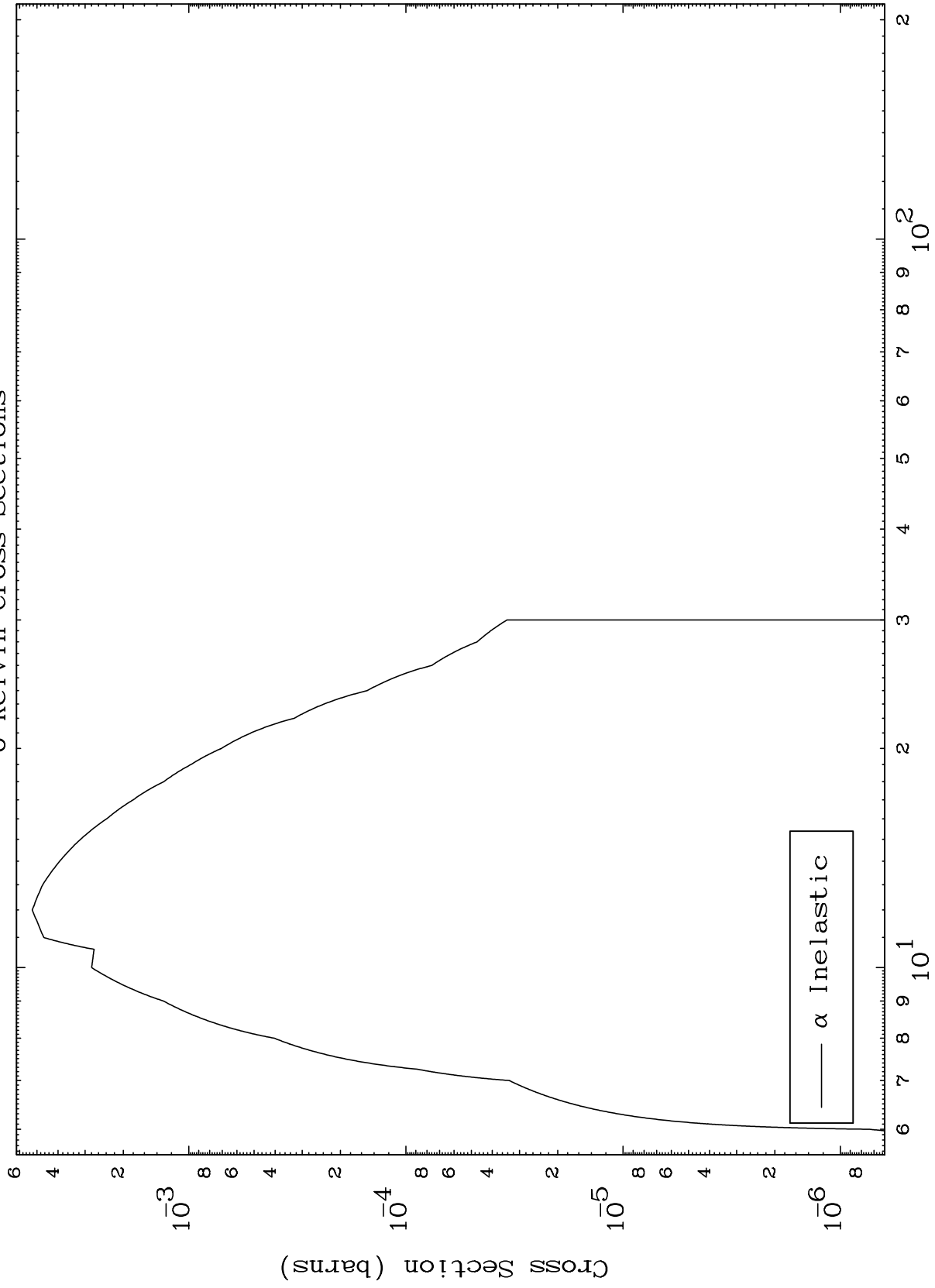
25-Mn-50



MAT 2511

(α, n') Level
0 Kelvin Cross Sections

25-Mn-50



5

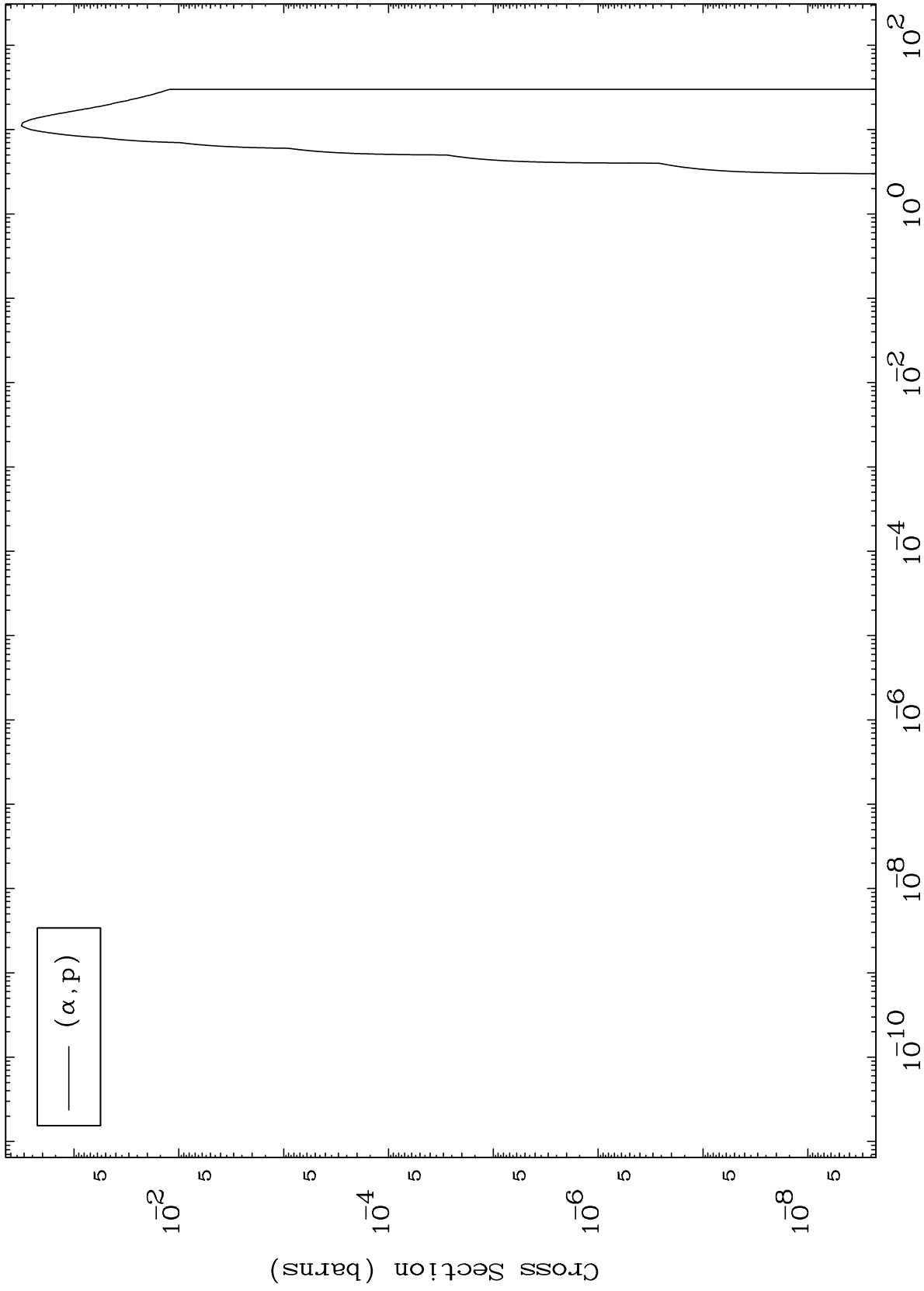
Incident Energy (MeV)

25-Mn-50

MAT 2511

(α, p) Levels
0 Kelvin Cross Sections

25-Mn-50



6

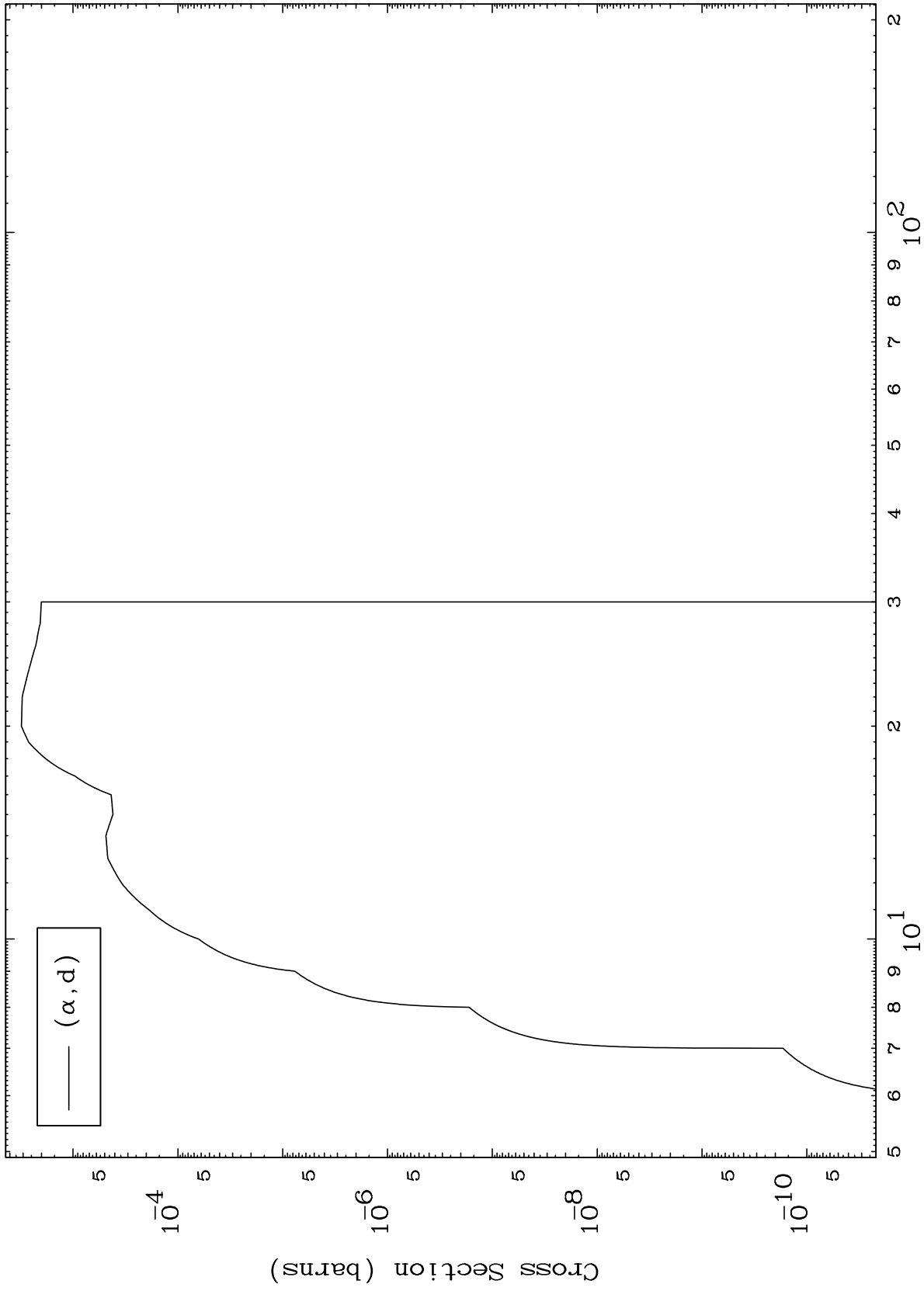
Incident Energy (MeV)

25-Mn-50

MAT 2511

(α, d) Levels
0 Kelvin Cross Sections

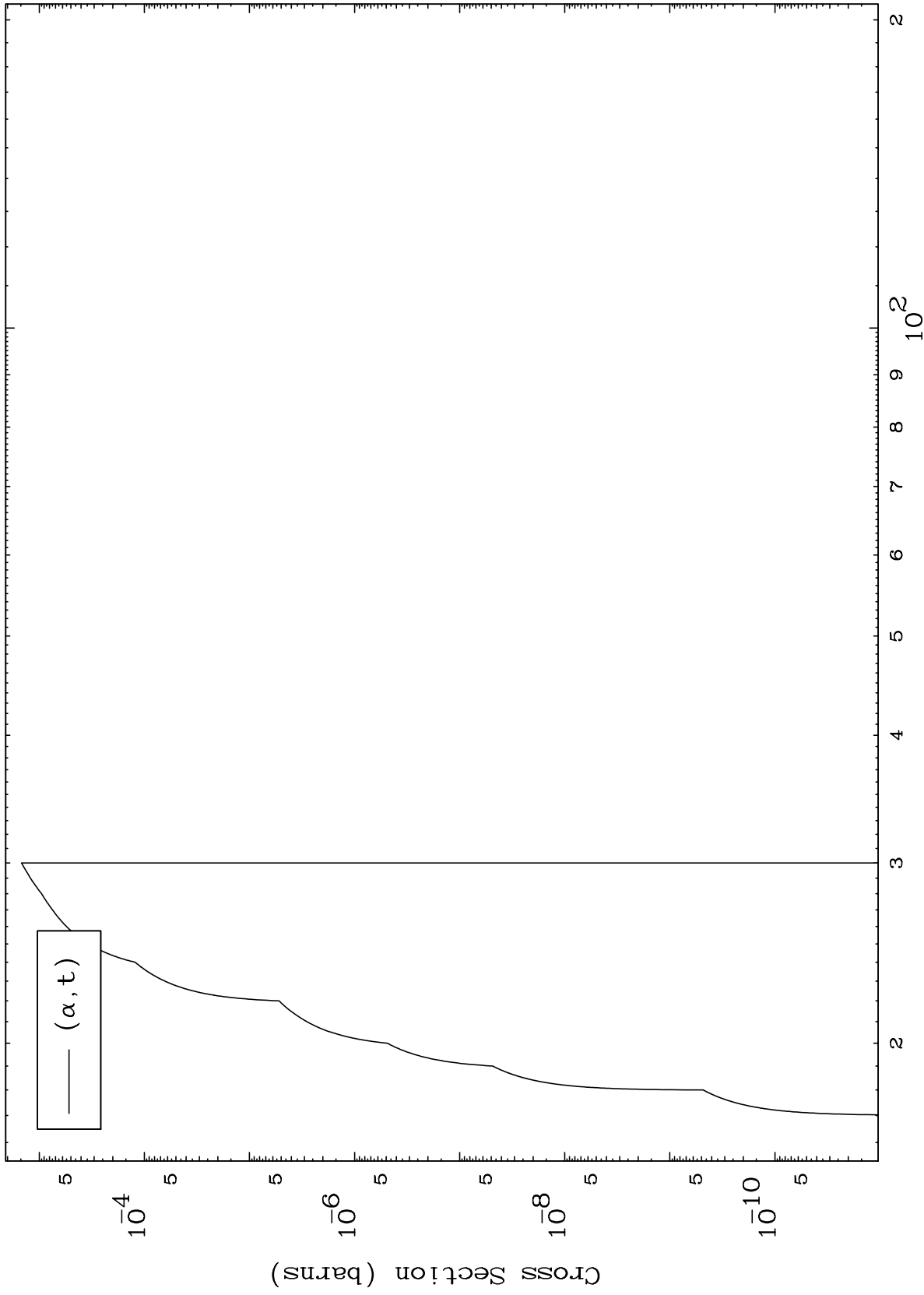
25-Mn-50



MAT 2511

(α, t) Levels
0 Kelvin Cross Sections

25-Mn-50



8

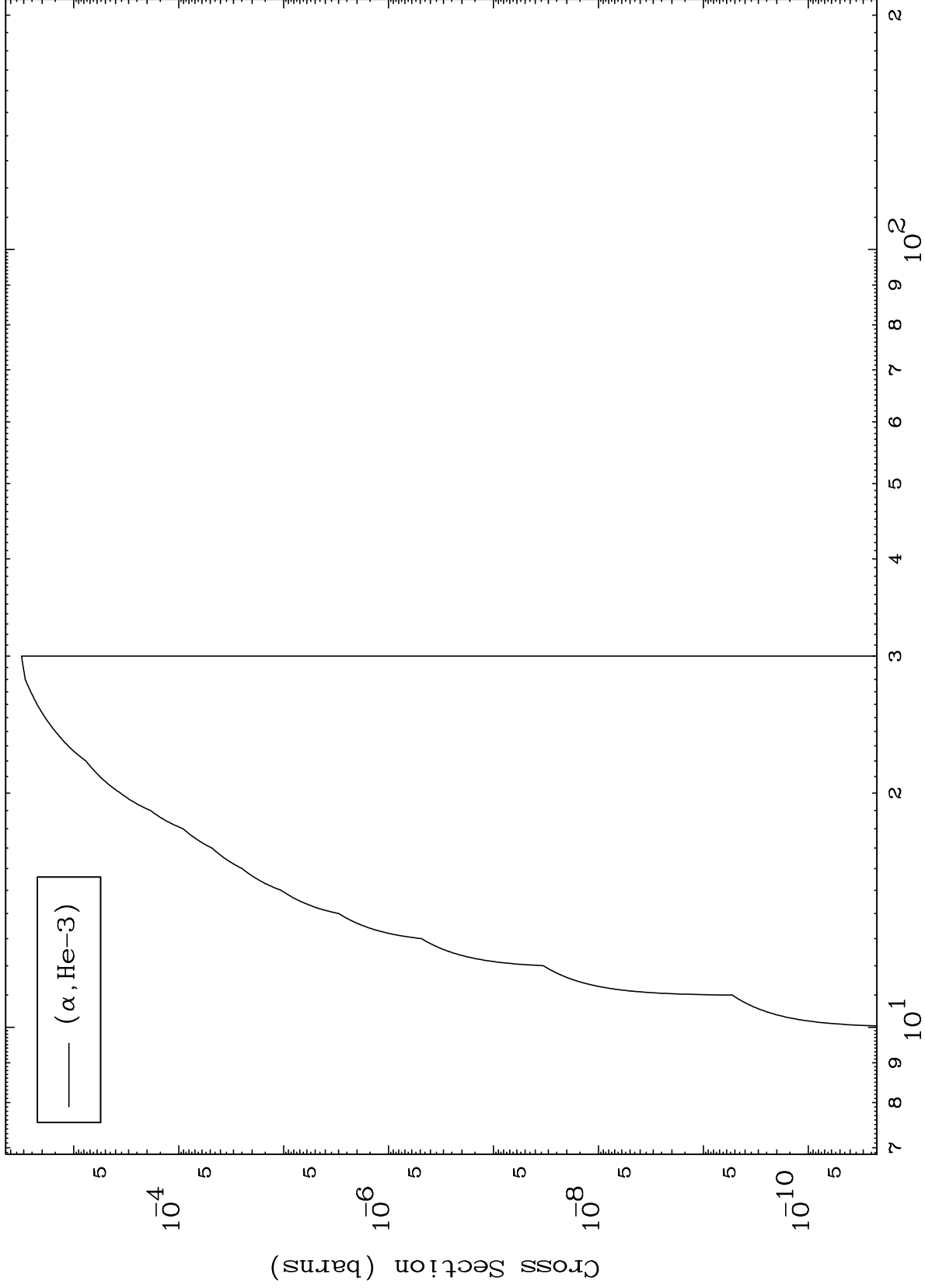
Incident Energy (MeV)

25-Mn-50

MAT 2511

(α ,He3) Levels
0 Kelvin Cross Sections

25-Mn-50



9

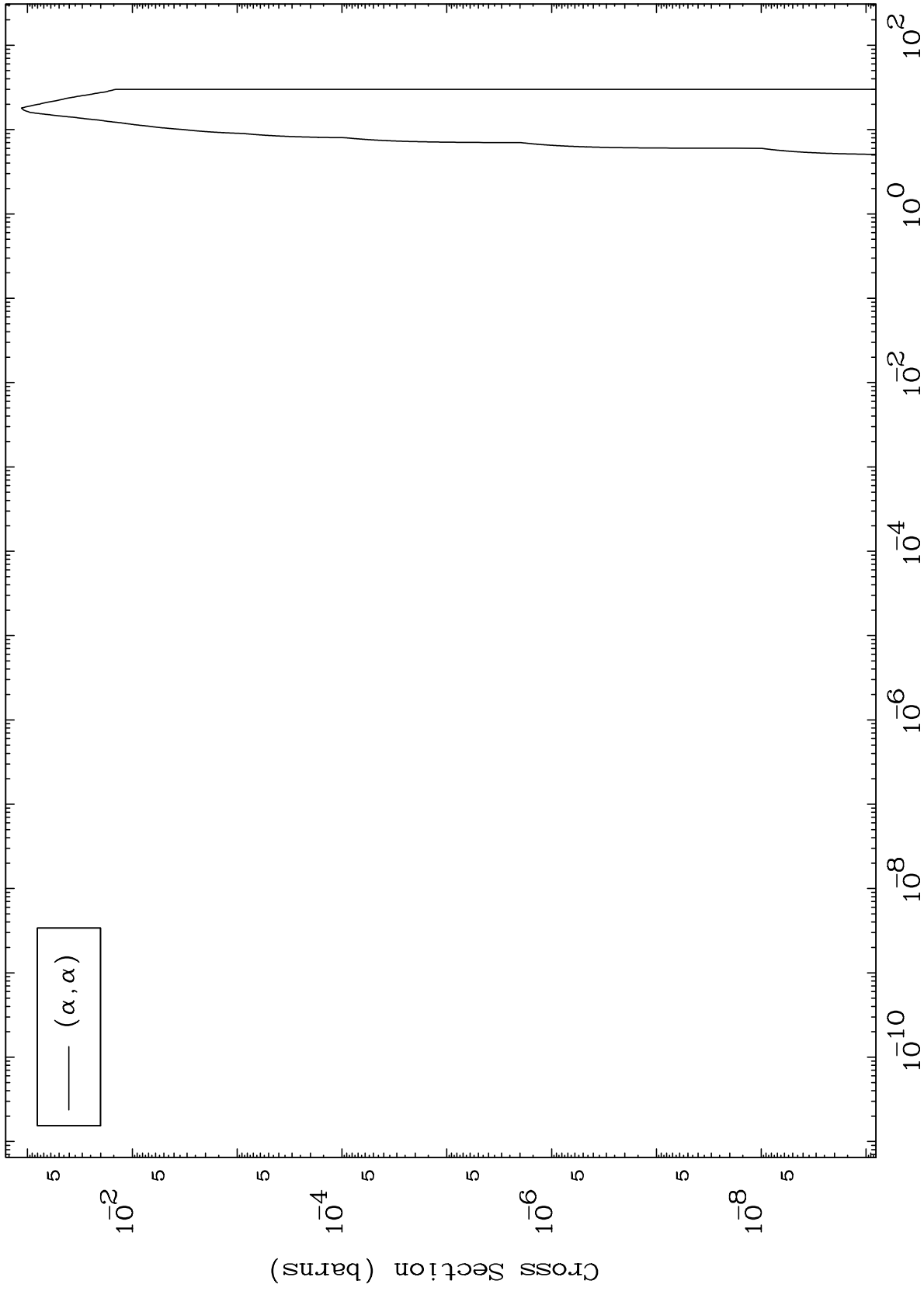
Incident Energy (MeV)

25-Mn-50

MAT 2511

(α, α) Levels
0 Kelvin Cross Sections

25-Mn-50



10

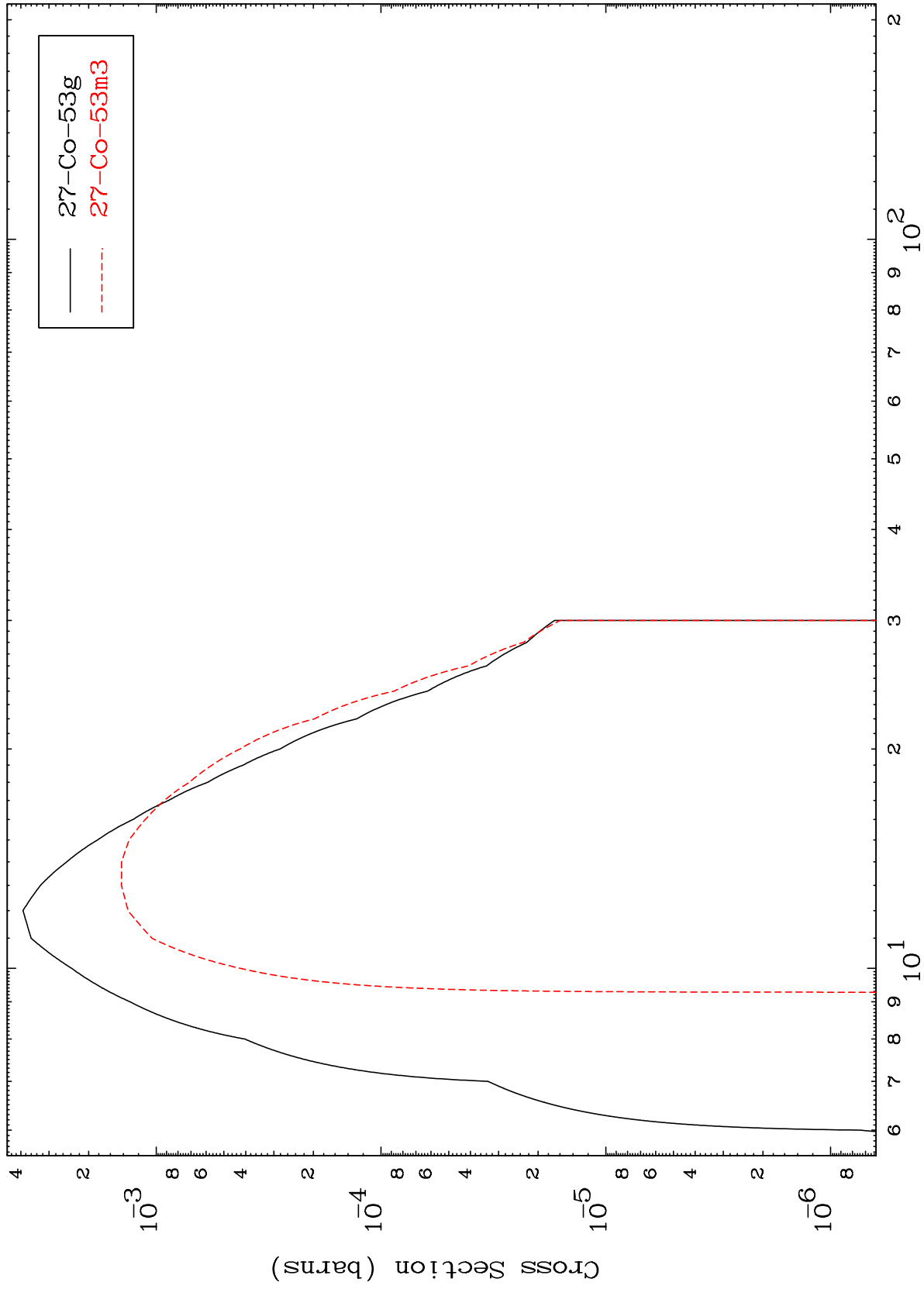
Incident Energy (MeV)

25-Mn-50

MAT 2511

25-Mn-50

α Inelastic
Radionuclide Production Cross Section



11

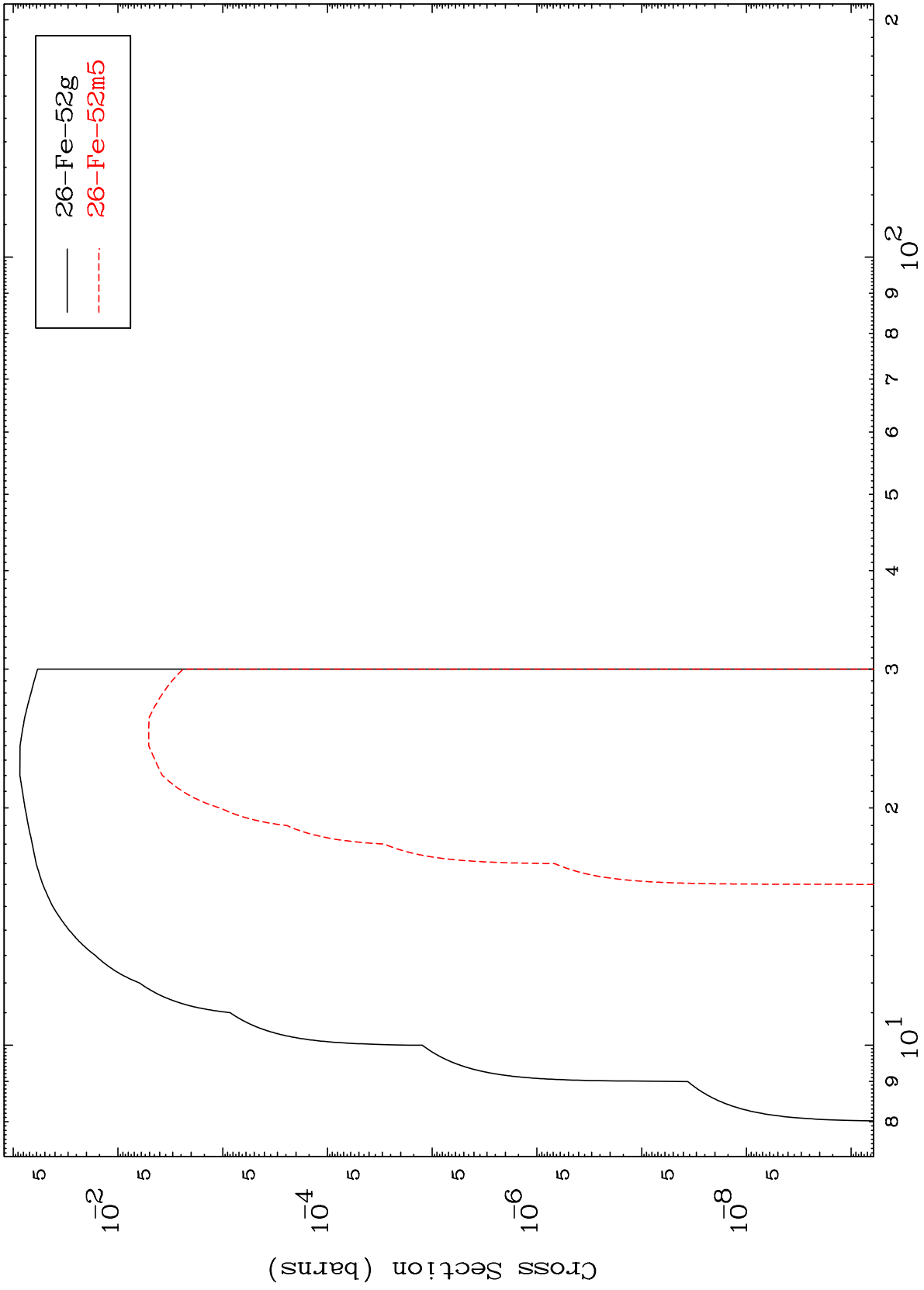
25-Mn-50

MAT 2511

(α, n') p

25-Mn-50

Radionuclide Production Cross Section



12

Incident Energy (MeV)

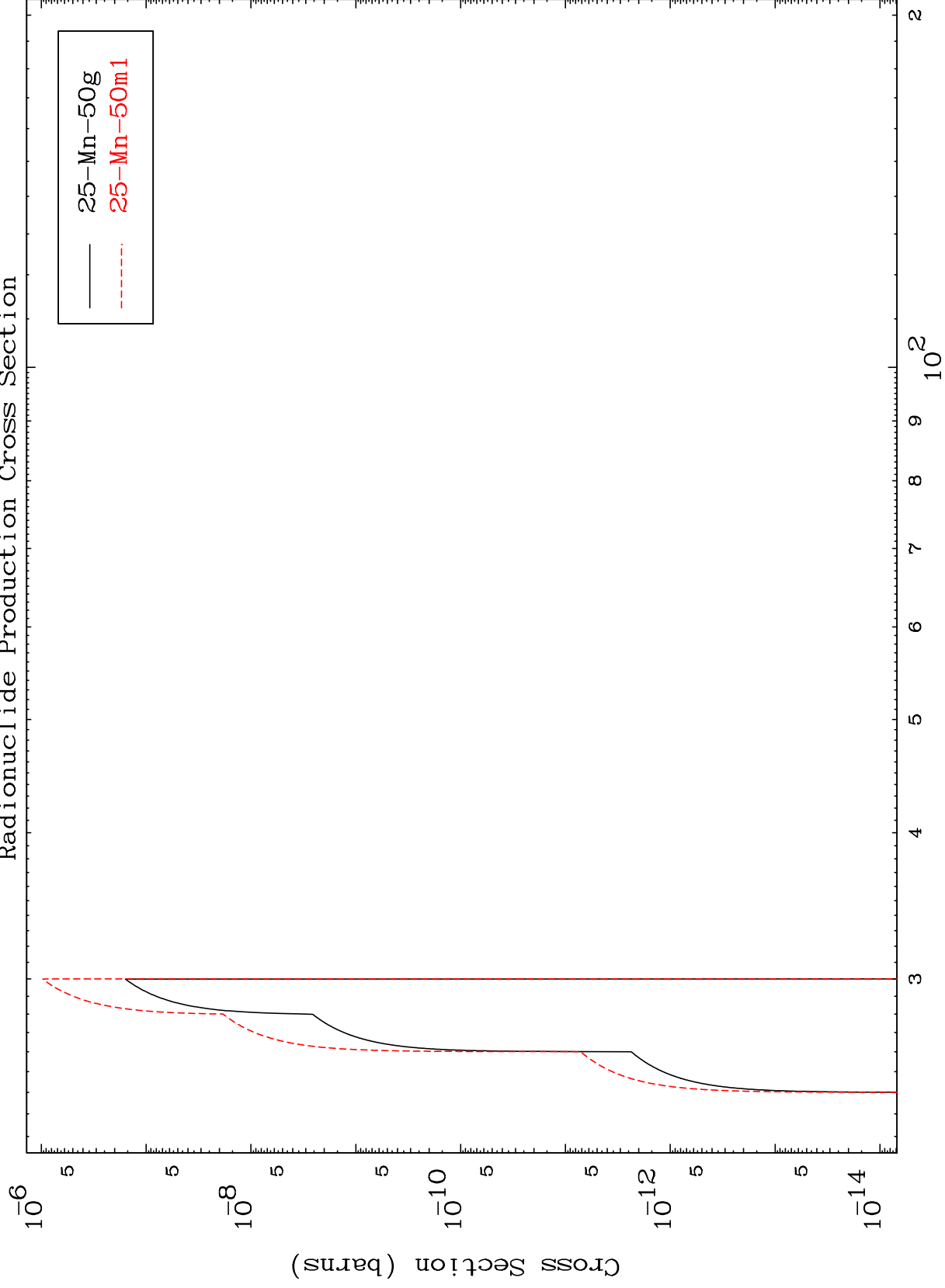
25-Mn-50

MAT 2511

(α, n') He-3

²⁵Mn-50

Radionuclide Production Cross Section



13

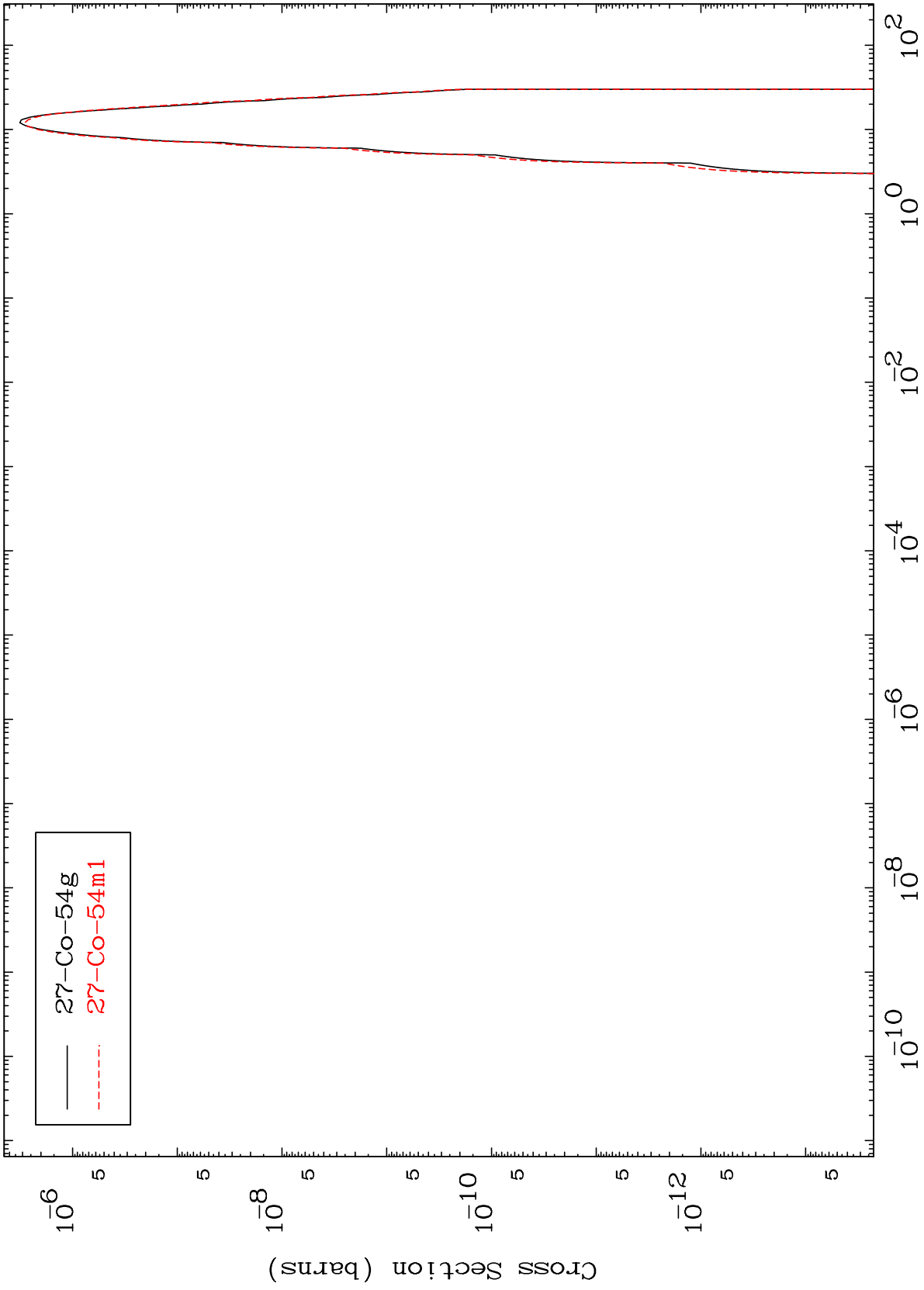
Incident Energy (MeV)

²⁵Mn-50

MAT 2511

Radionuclide Production Cross Section
(α, γ)

²⁵Mn-50

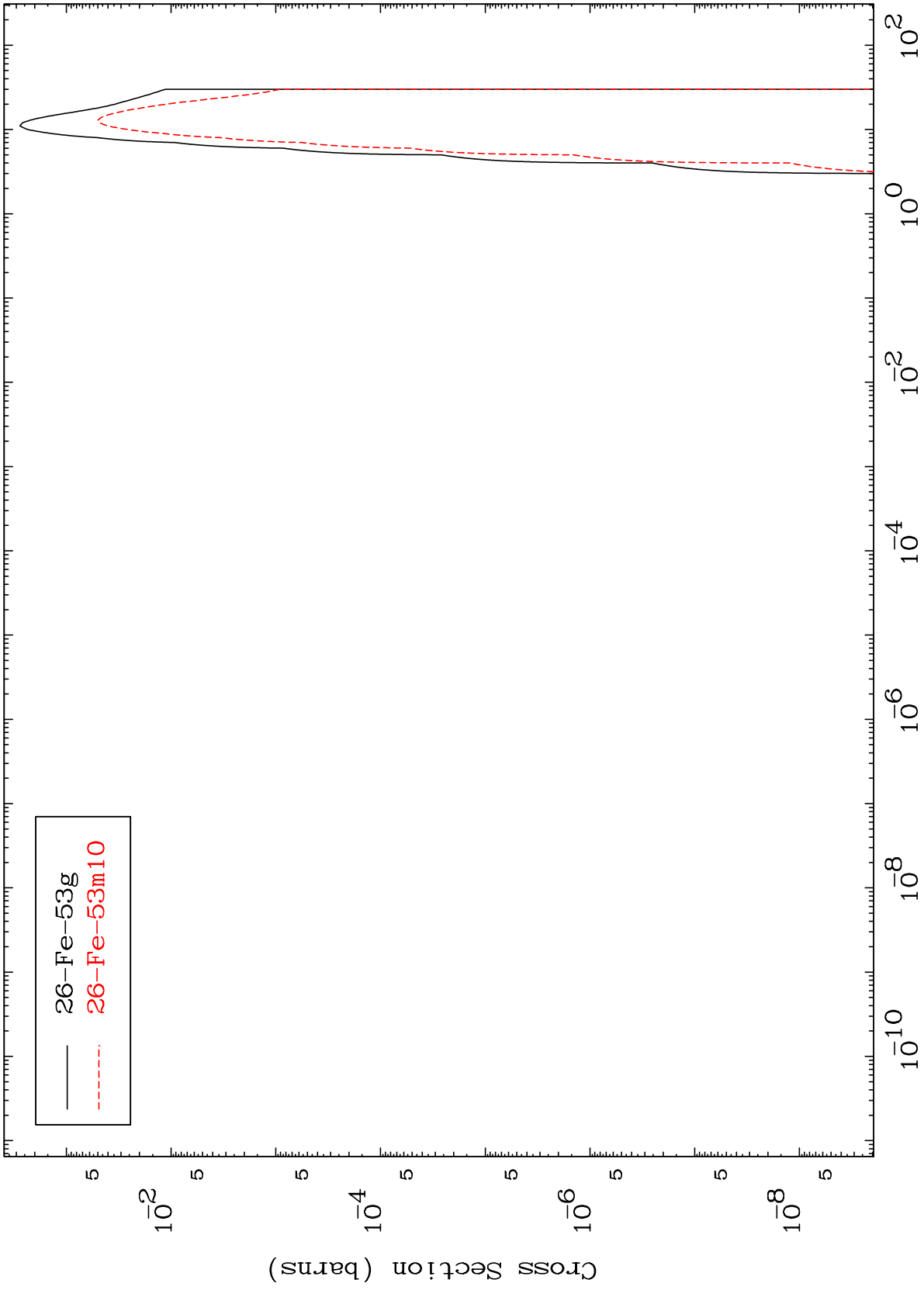


²⁵Mn-50

MAT 2511

Radionuclide Production Cross Section
(α, p)

²⁵Mn-50



15

Incident Energy (MeV)

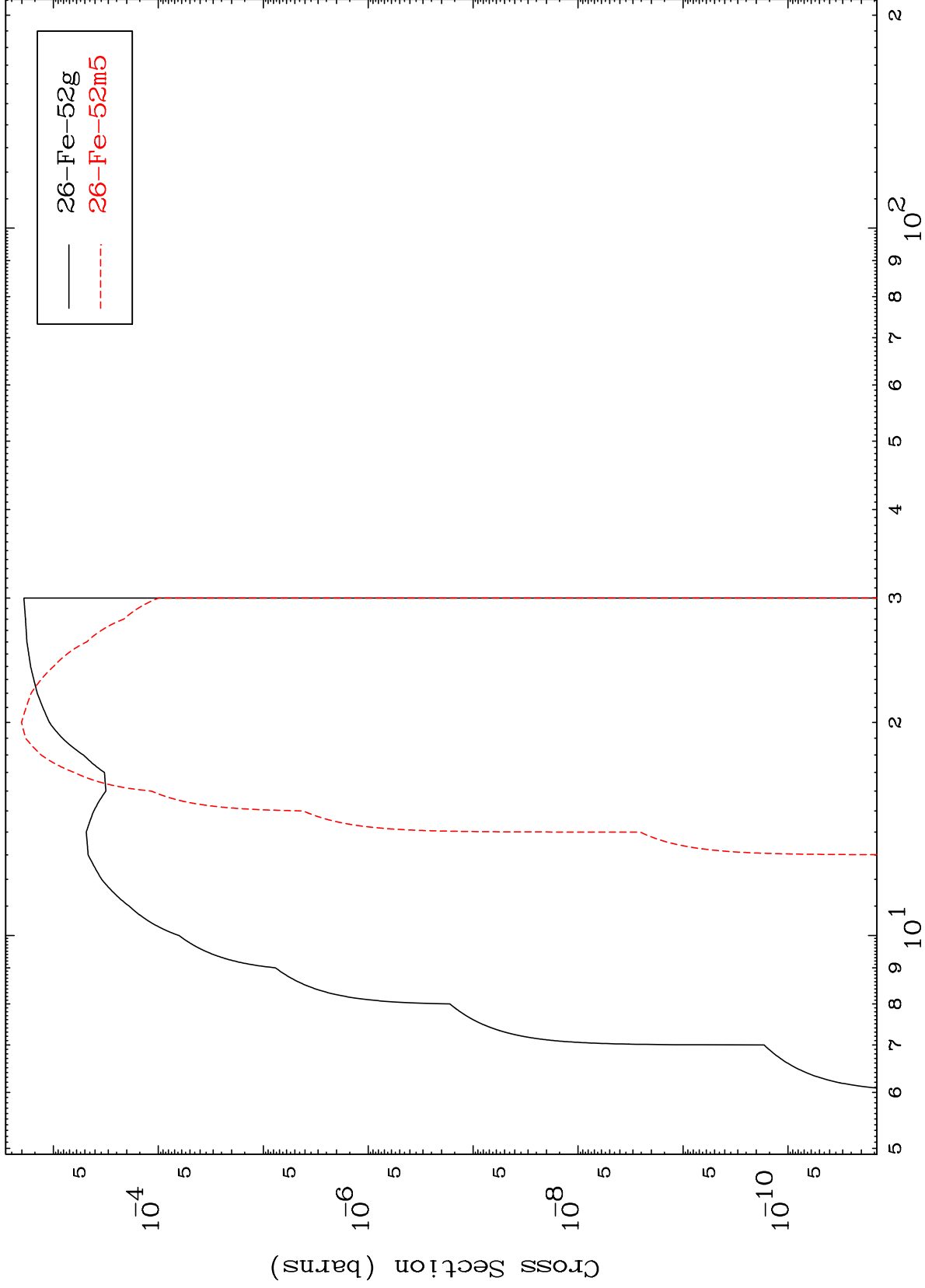
²⁵Mn-50

MAT 2511

(α, d)

25-Mn-50

Radionuclide Production Cross Section



16

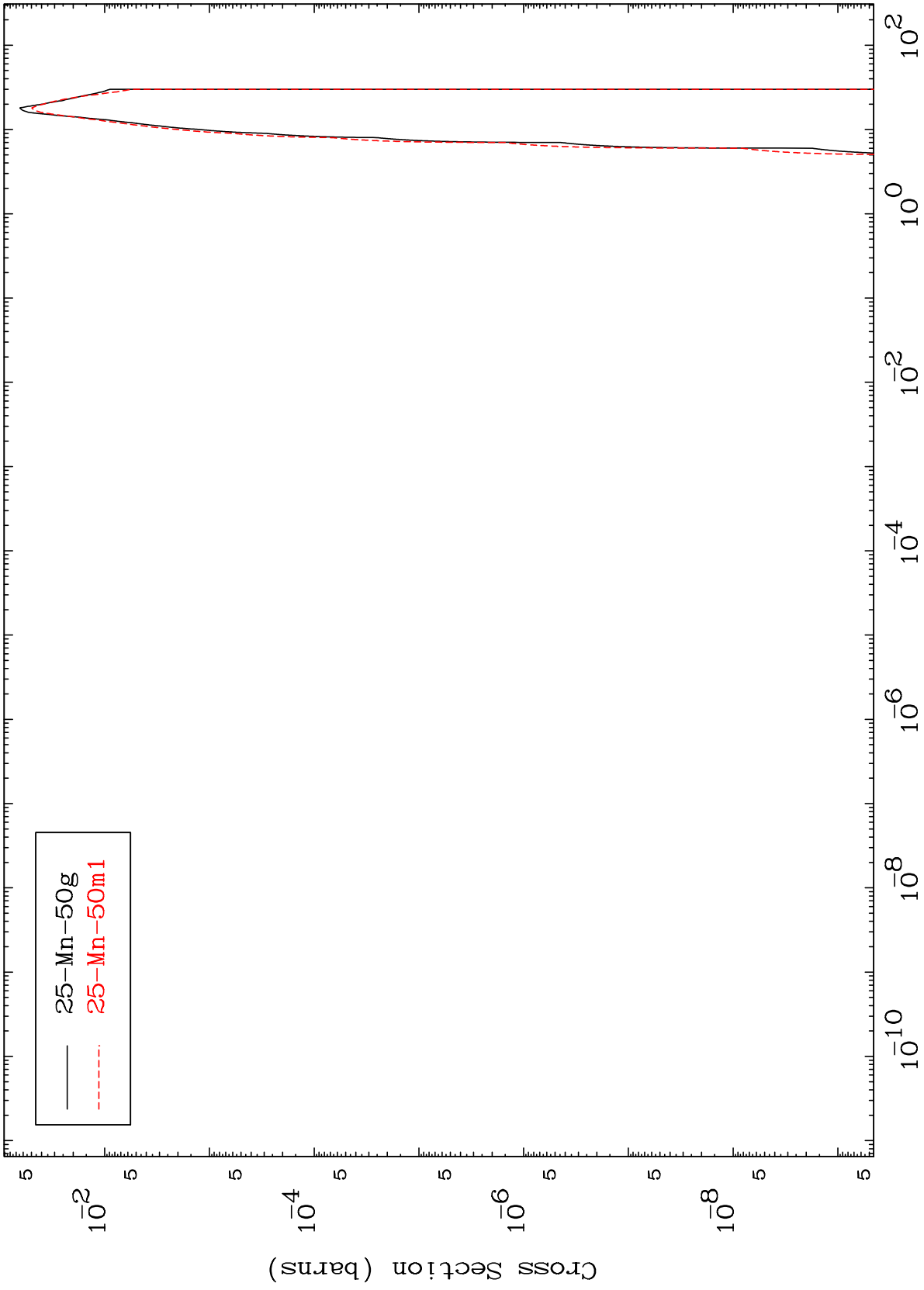
Incident Energy (MeV)

25-Mn-50

MAT 2511

(α, α)
Radionuclide Production Cross Section

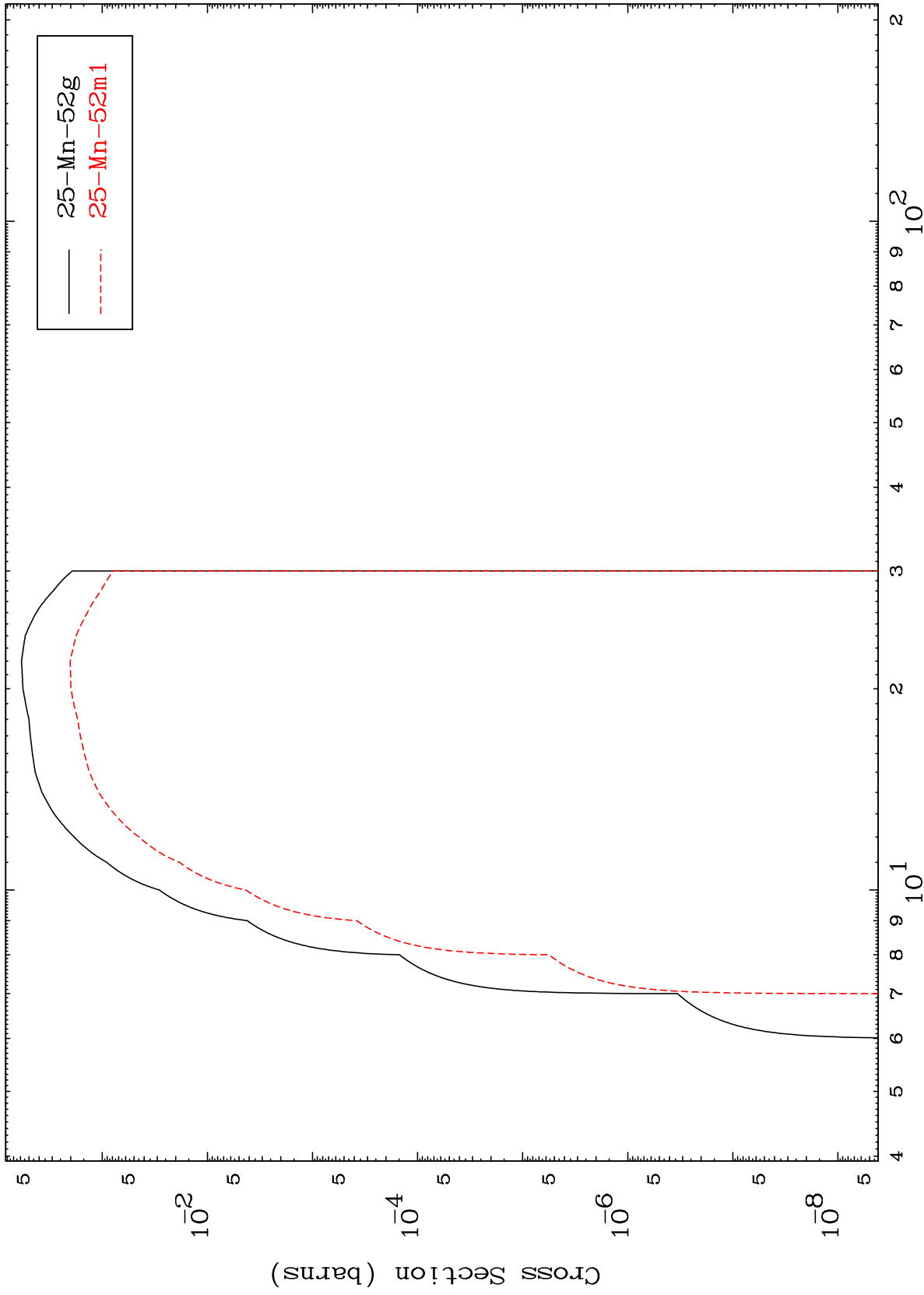
$^{25}\text{Mn}-50$



MAT 2511

25-Mn-50

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



18

Incident Energy (MeV)

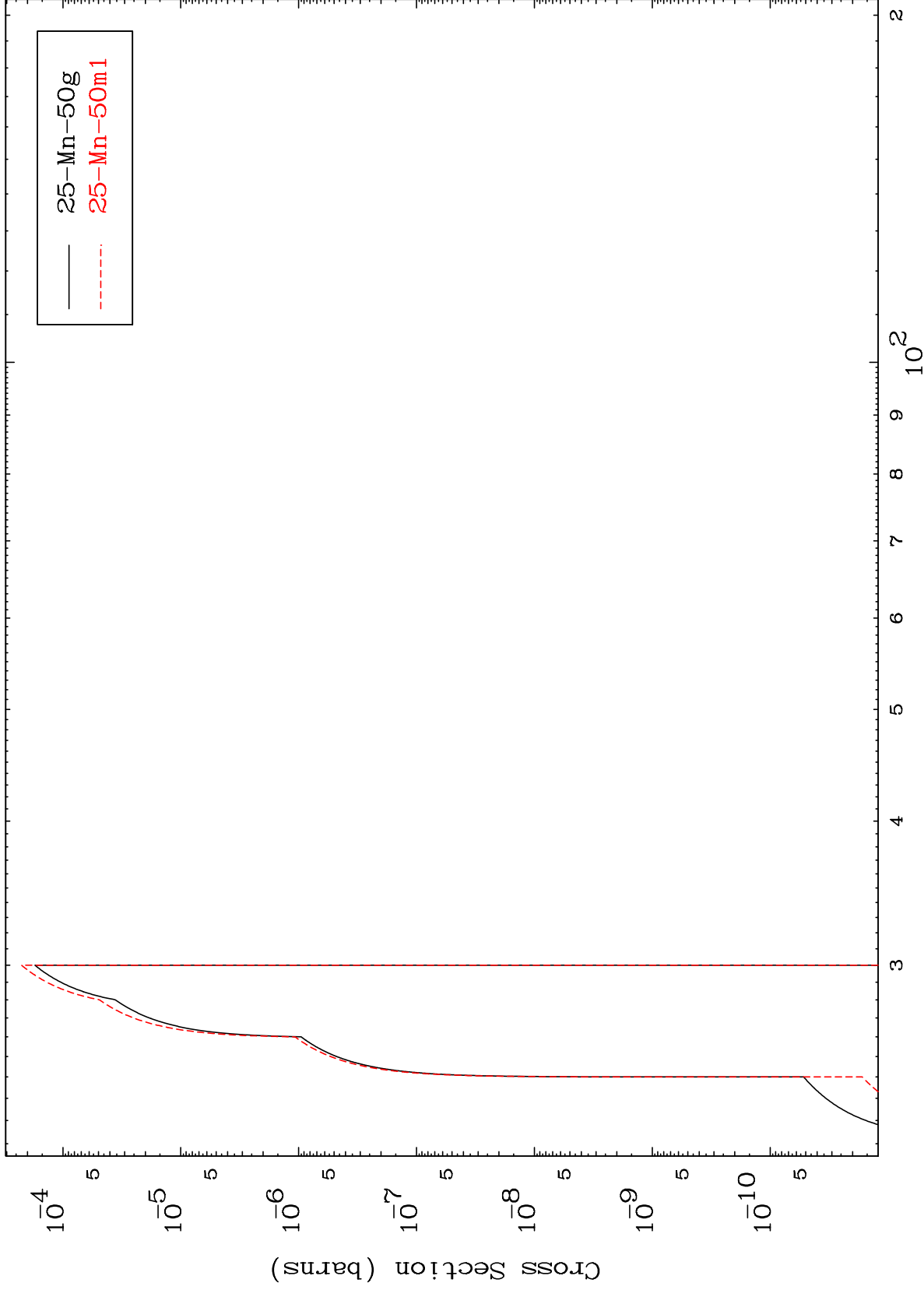
25-Mn-50

MAT 2511

(α, p) t

²⁵Mn-50

Radionuclide Production Cross Section



19

Incident Energy (MeV)

²⁵Mn-50