

Program EVALPLOT
(Version 2018-1)

by

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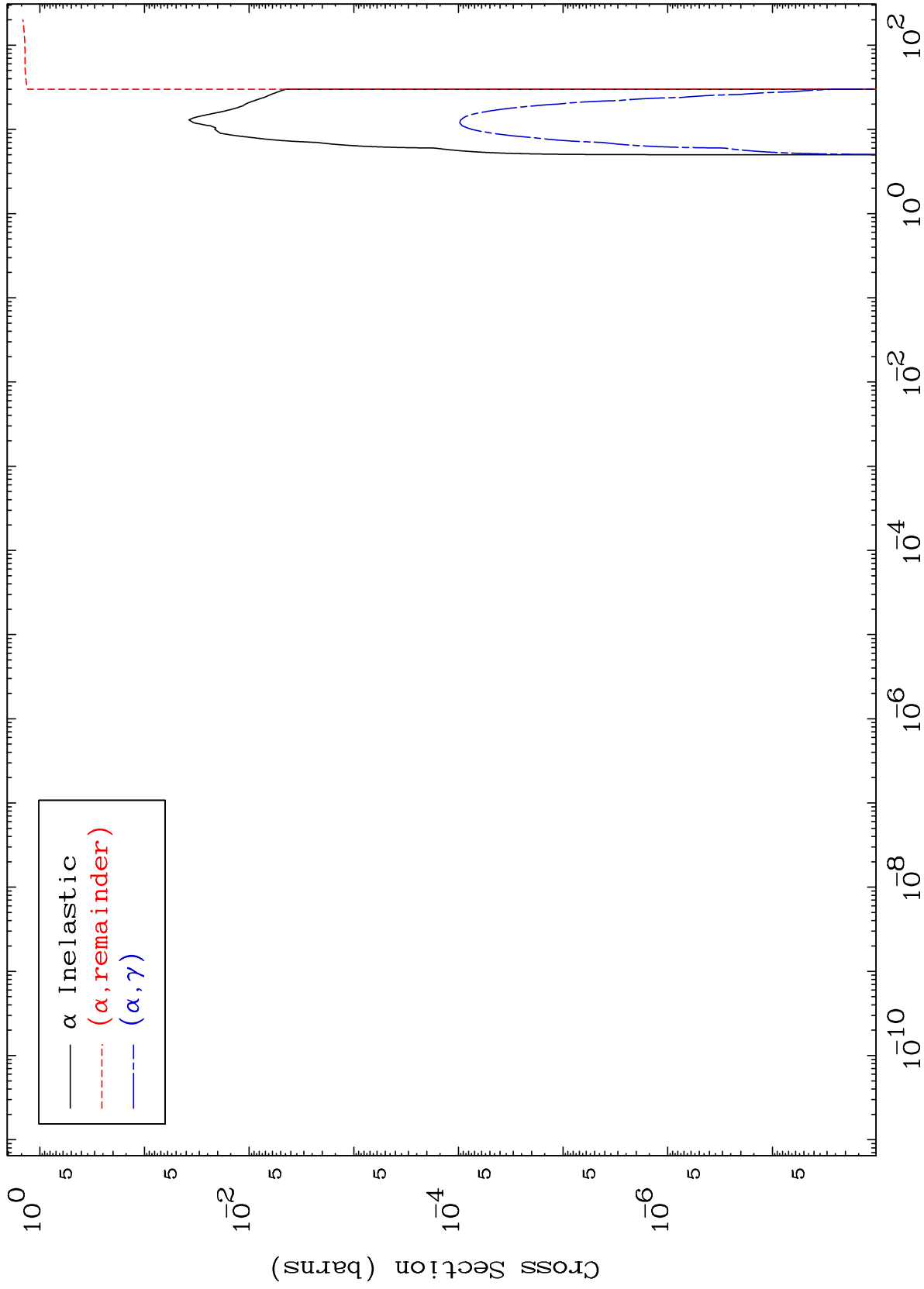
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2422

0 Kelvin α Major
Cross Sections

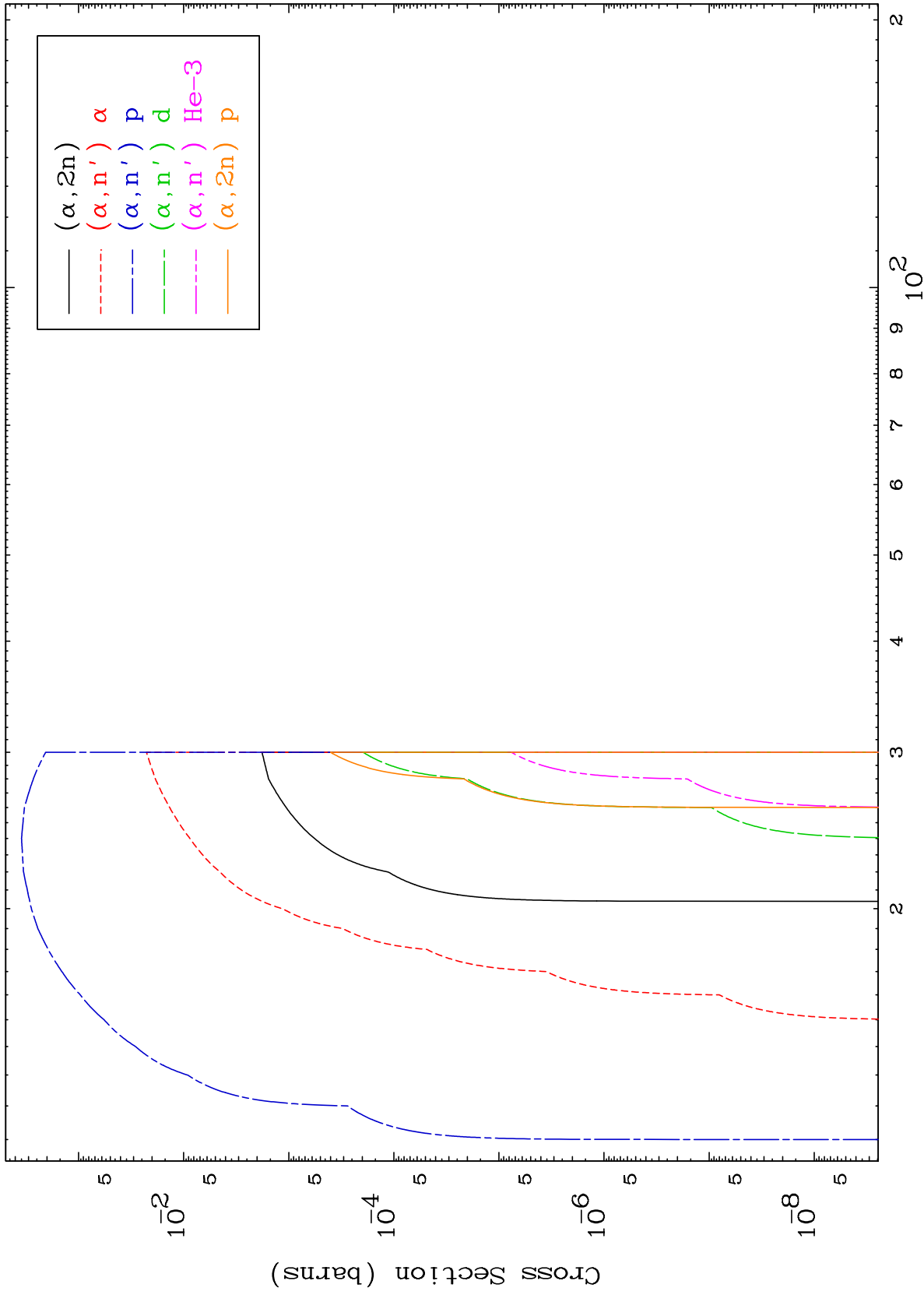
24-Cr-49



MAT 2422

α Neutron Production
0 Kelvin Cross Sections

24-Cr-49



2

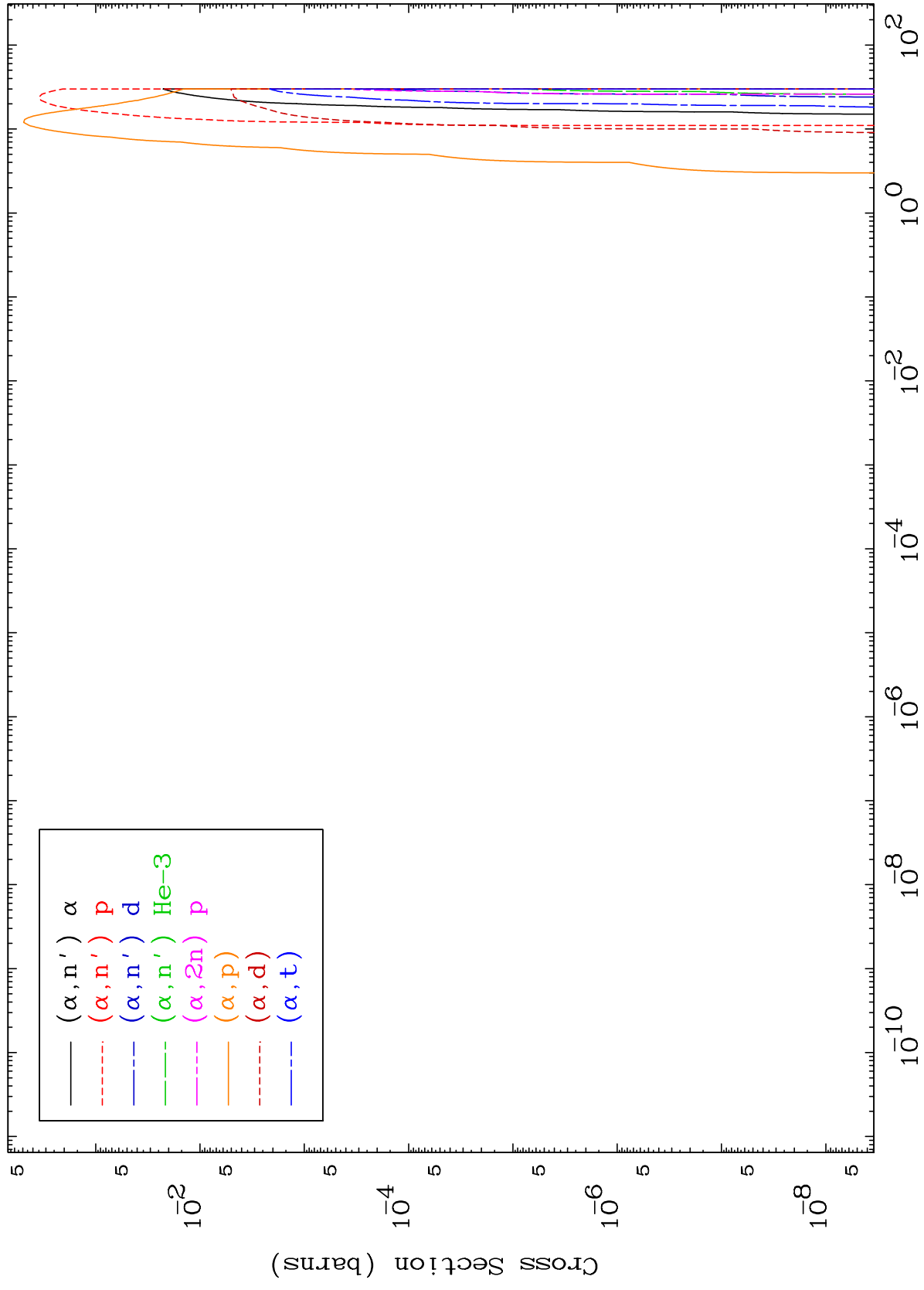
Incident Energy (MeV)

24-Cr-49

MAT 2422

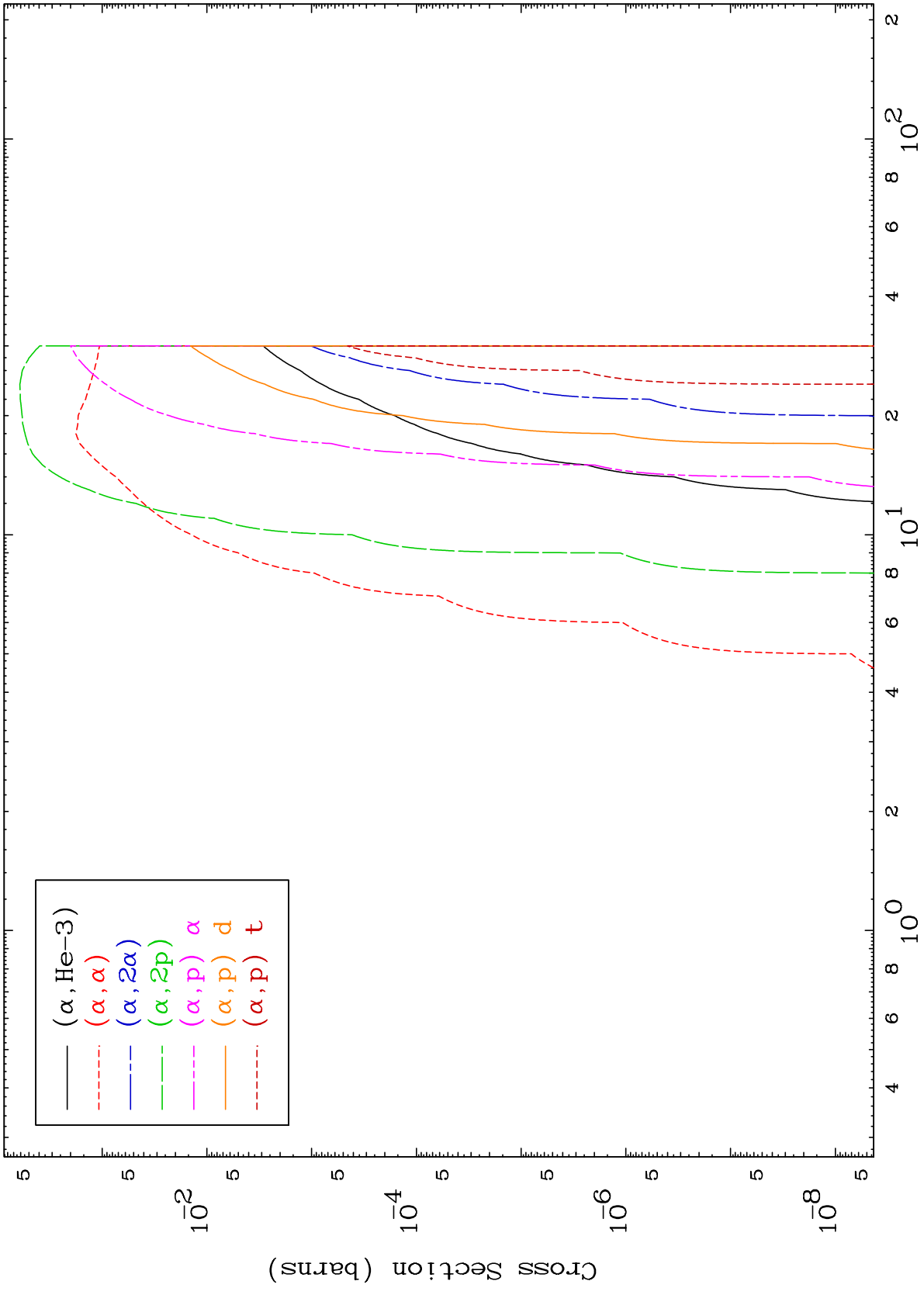
α Charged Particle
0 Kelvin Cross Sections

24-Cr-49



3

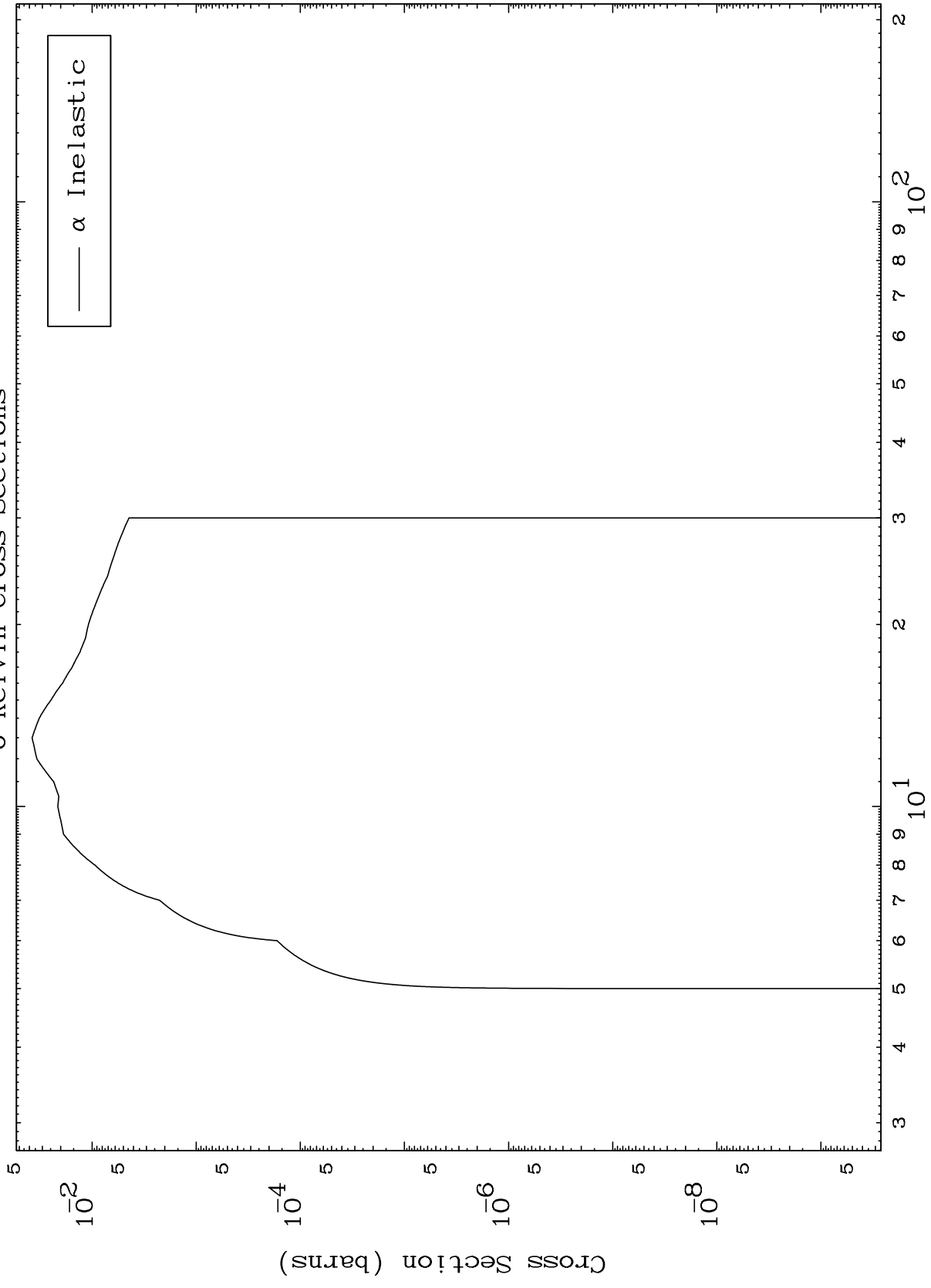
24-Cr-49



MAT 2422

24-Cr-49

(α, n') Level
0 Kelvin Cross Sections



24-Cr-49

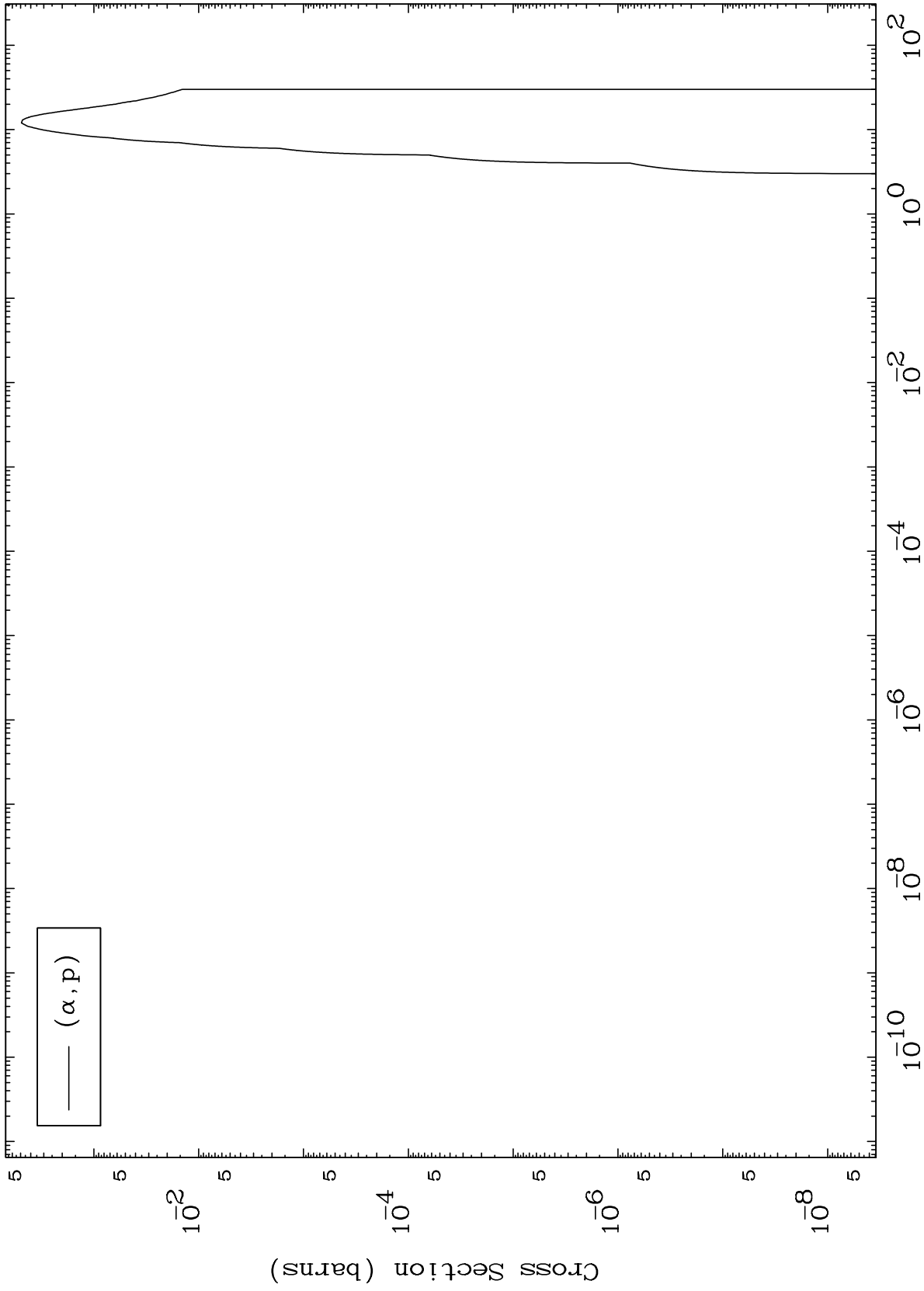
Incident Energy (MeV)

5

MAT 2422

(α, p) Levels
0 Kelvin Cross Sections

24-Cr-49



6

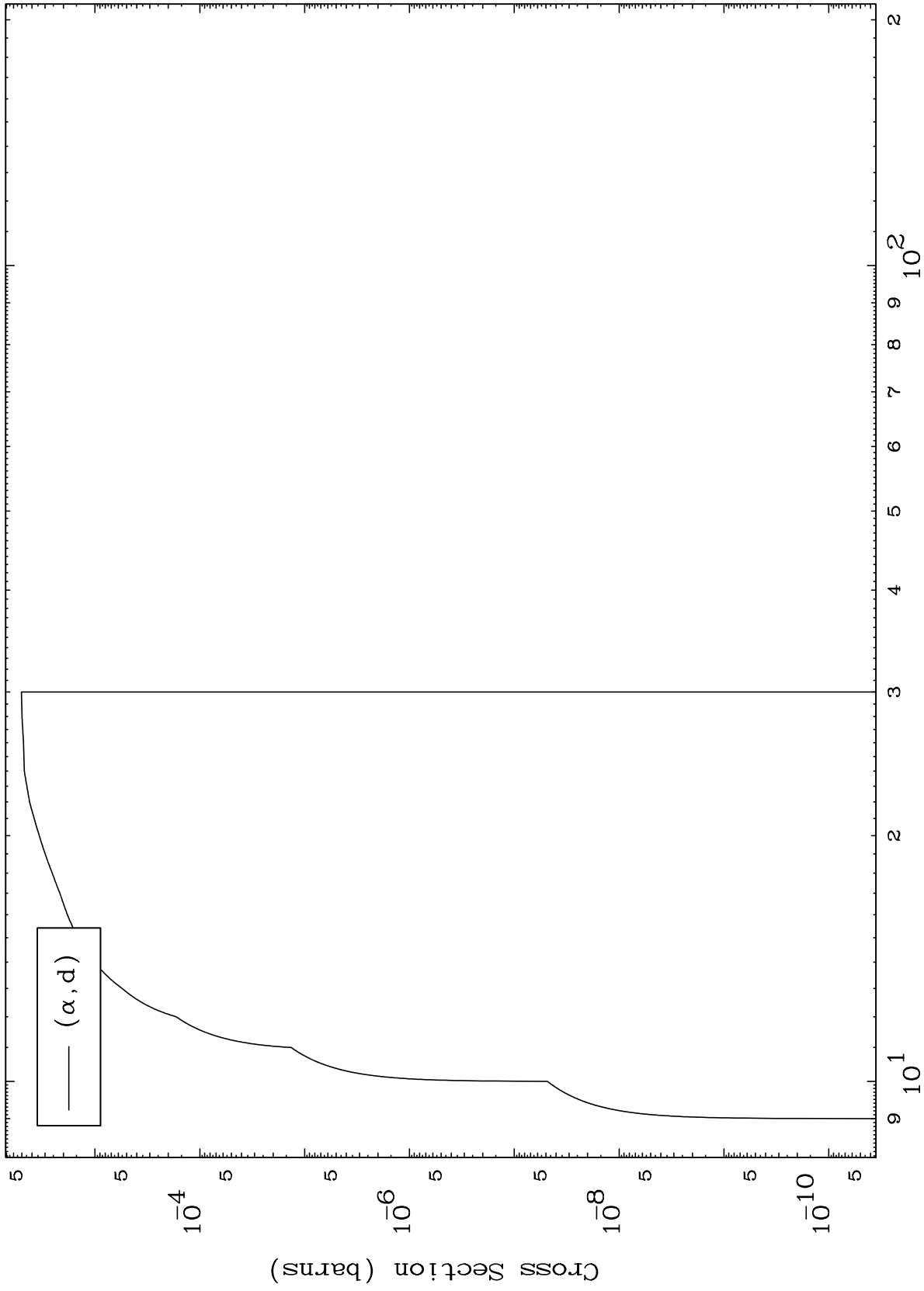
Incident Energy (MeV)

24-Cr-49

MAT 2422

(α, d) Levels
0 Kelvin Cross Sections

24-Cr-49



7

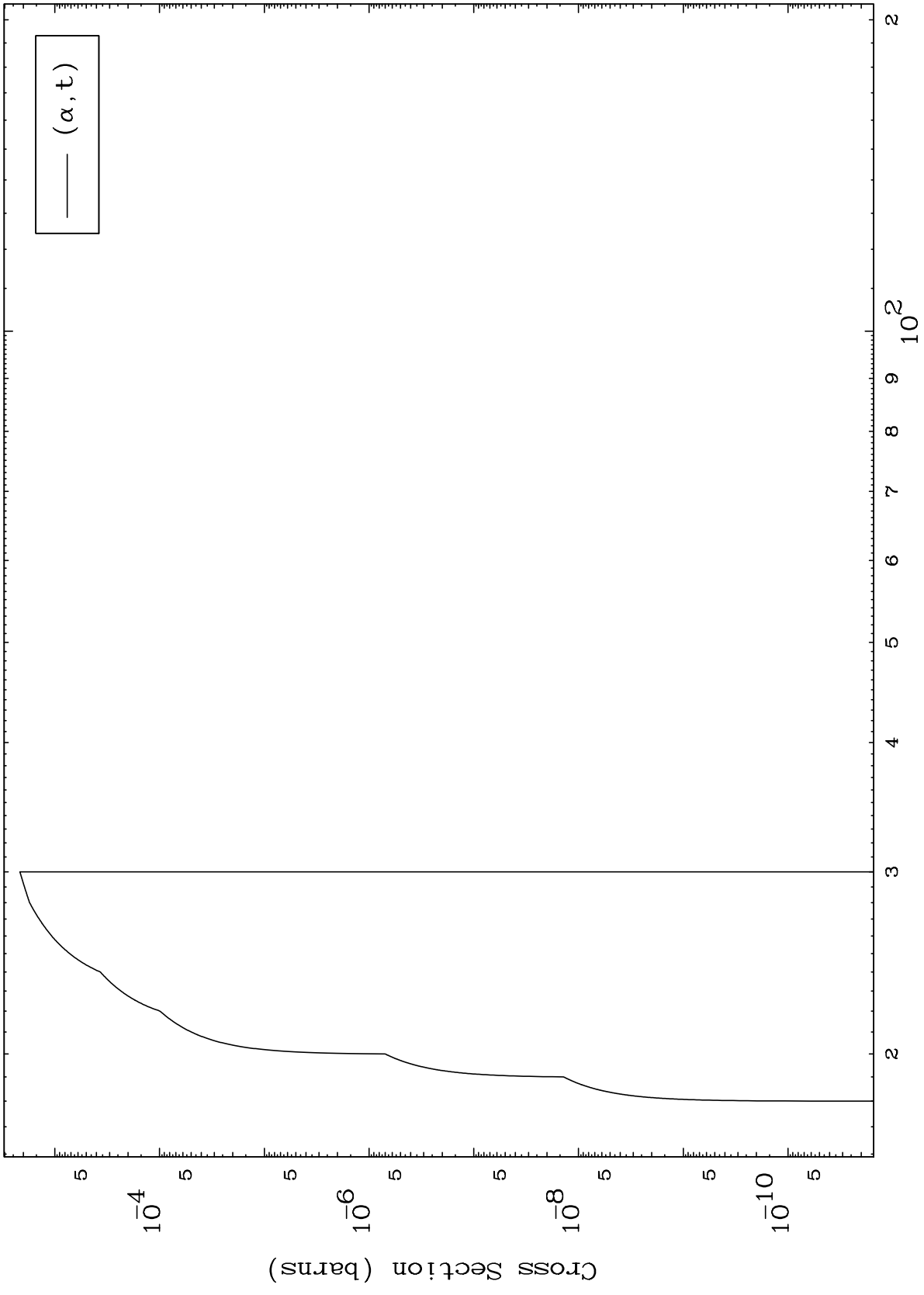
Incident Energy (MeV)

24-Cr-49

MAT 2422

(α, t) Levels
0 Kelvin Cross Sections

²⁴Cr-49



8

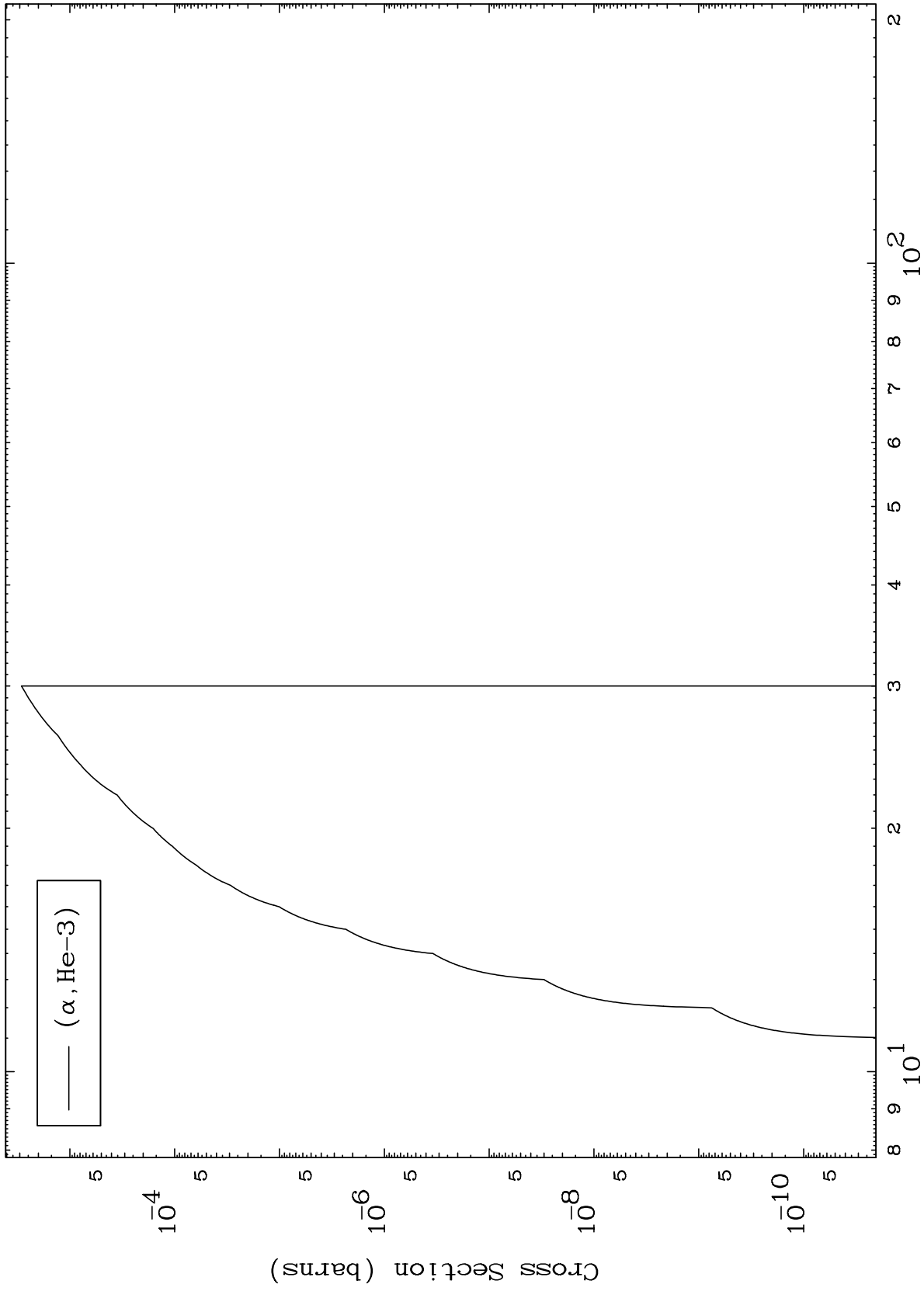
Incident Energy (MeV)

²⁴Cr-49

MAT 2422

(α ,He3) Levels
0 Kelvin Cross Sections

24-Cr-49



9

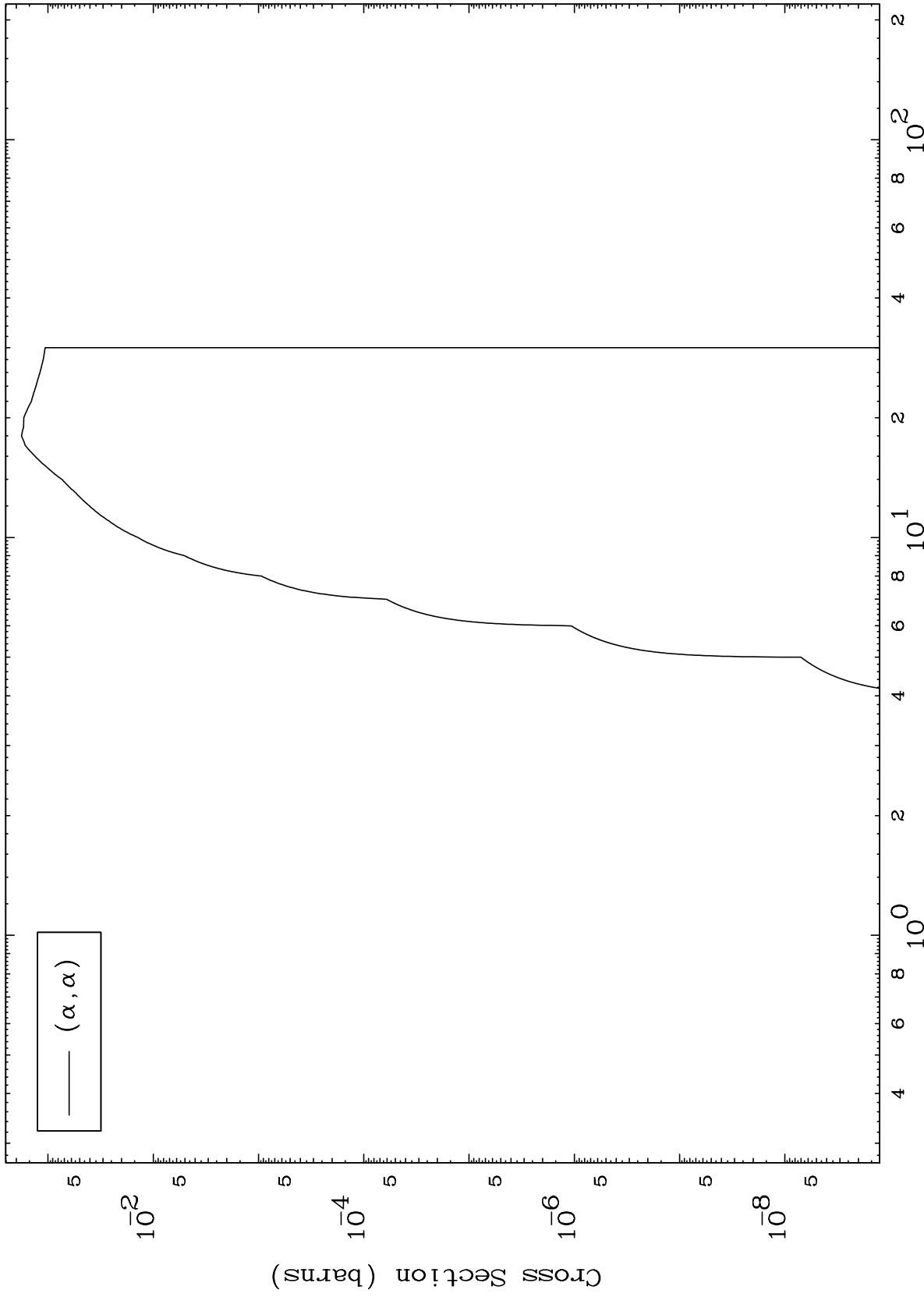
Incident Energy (MeV)

24-Cr-49

MAT 2422

(α, α) Levels
0 Kelvin Cross Sections

24-Cr-49



10

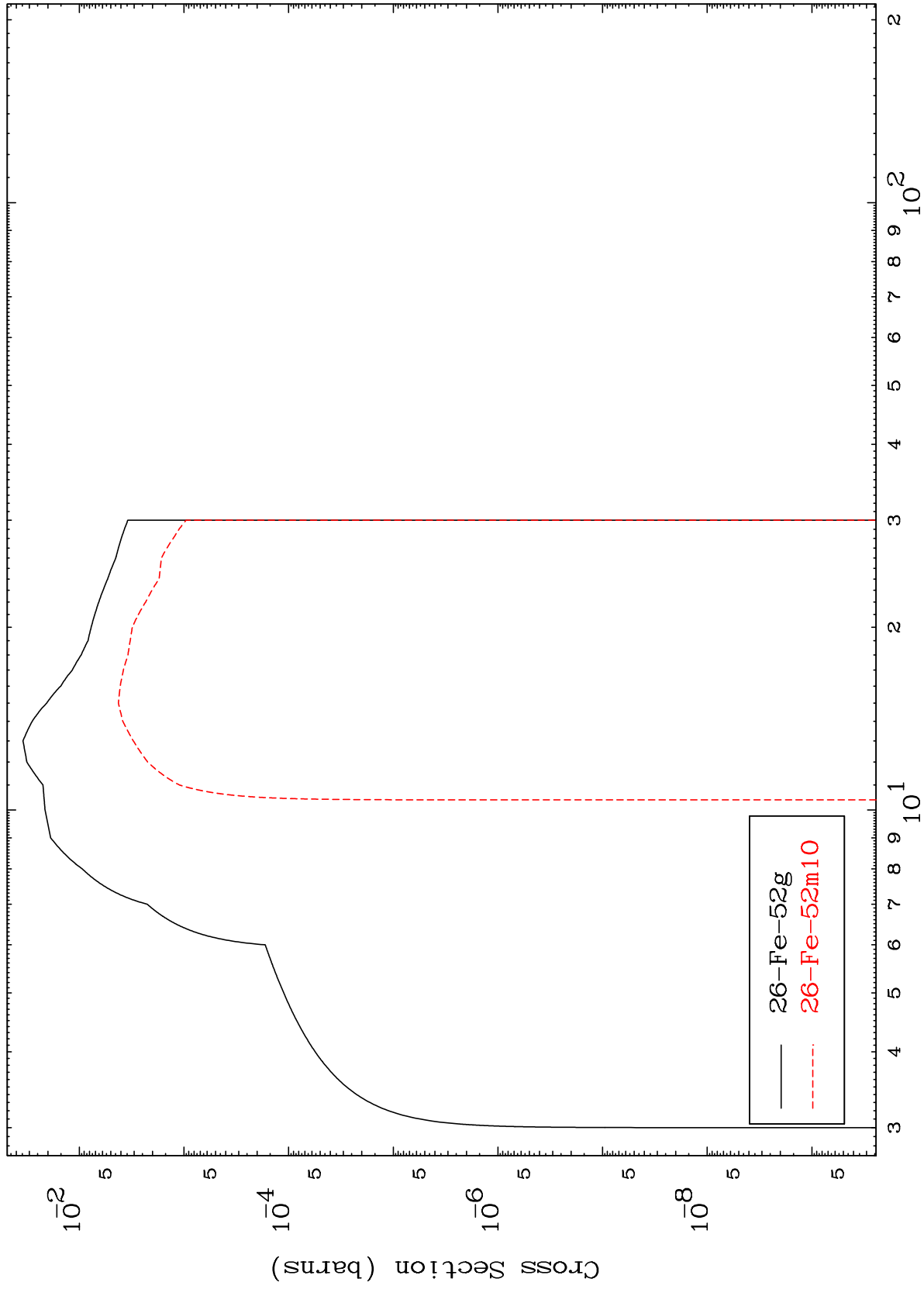
Incident Energy (MeV)

24-Cr-49

MAT 2422

24-Cr-49

Radionuclide Production Cross Section α Inelastic



11

Incident Energy (MeV)

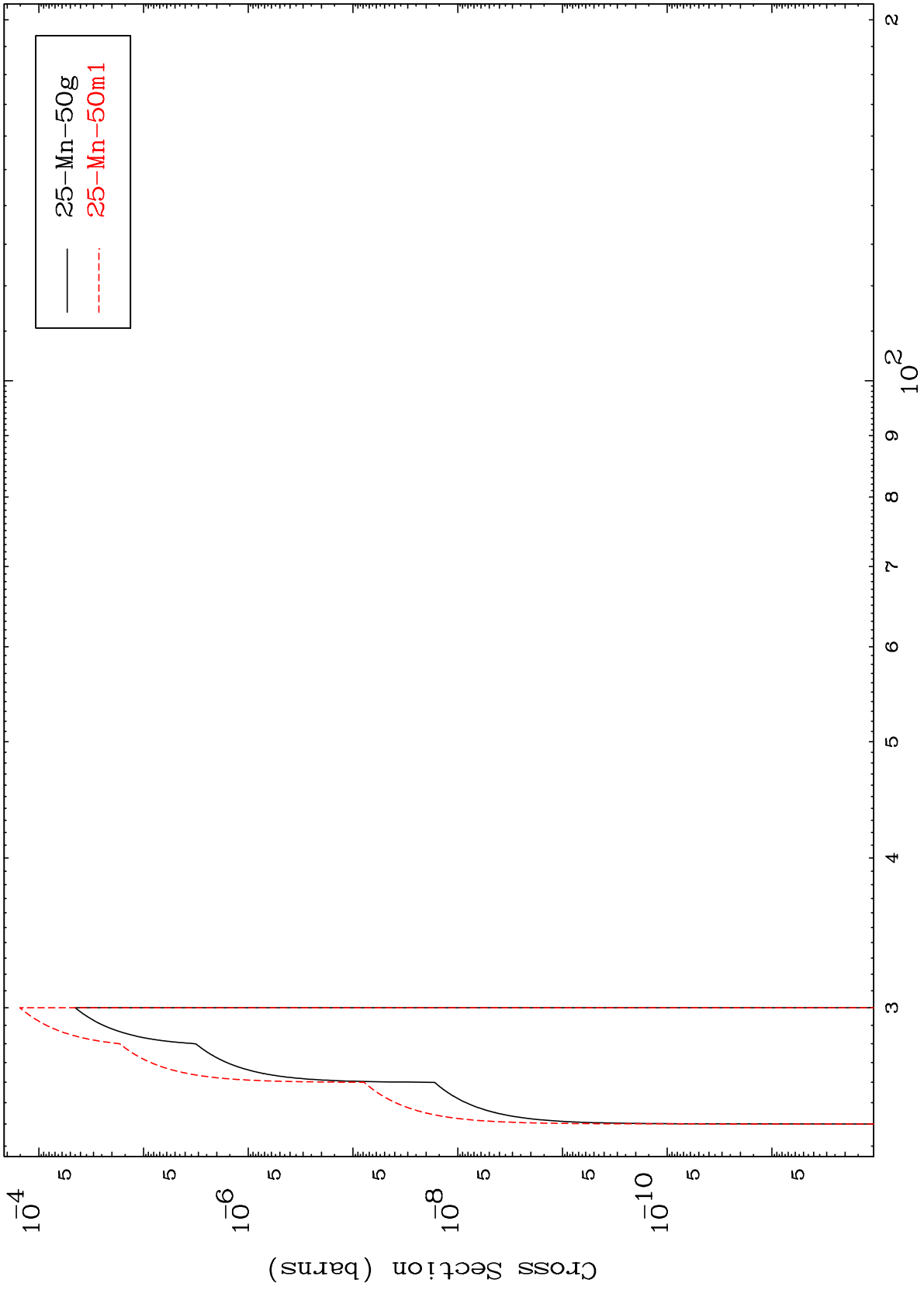
24-Cr-49

MAT 2422

(α, n') d

24-Cr-49

Radionuclide Production Cross Section



12

Incident Energy (MeV)

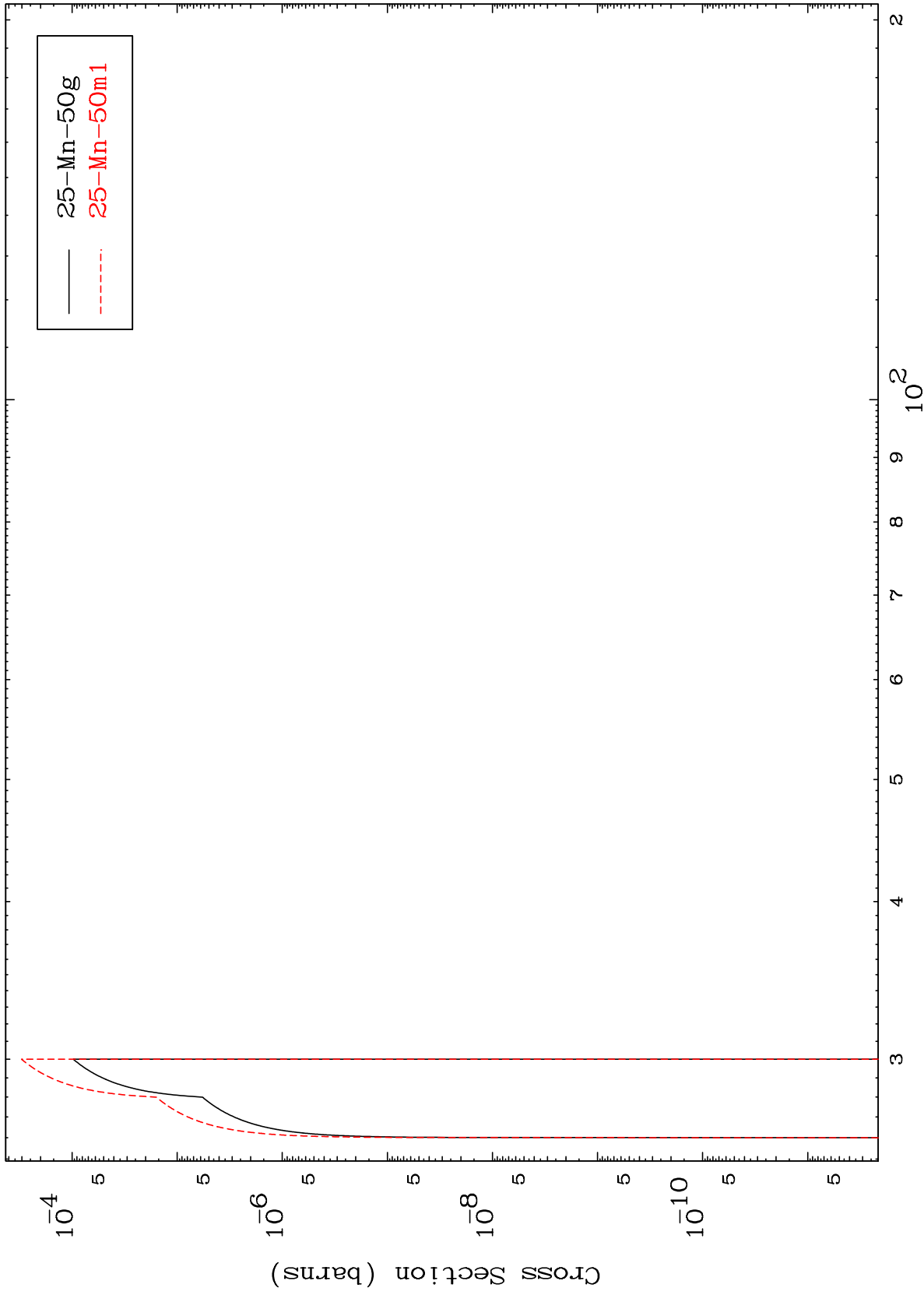
24-Cr-49

MAT 2422

($\alpha, 2n$) p

24-Cr-49

Radionuclide Production Cross Section



13

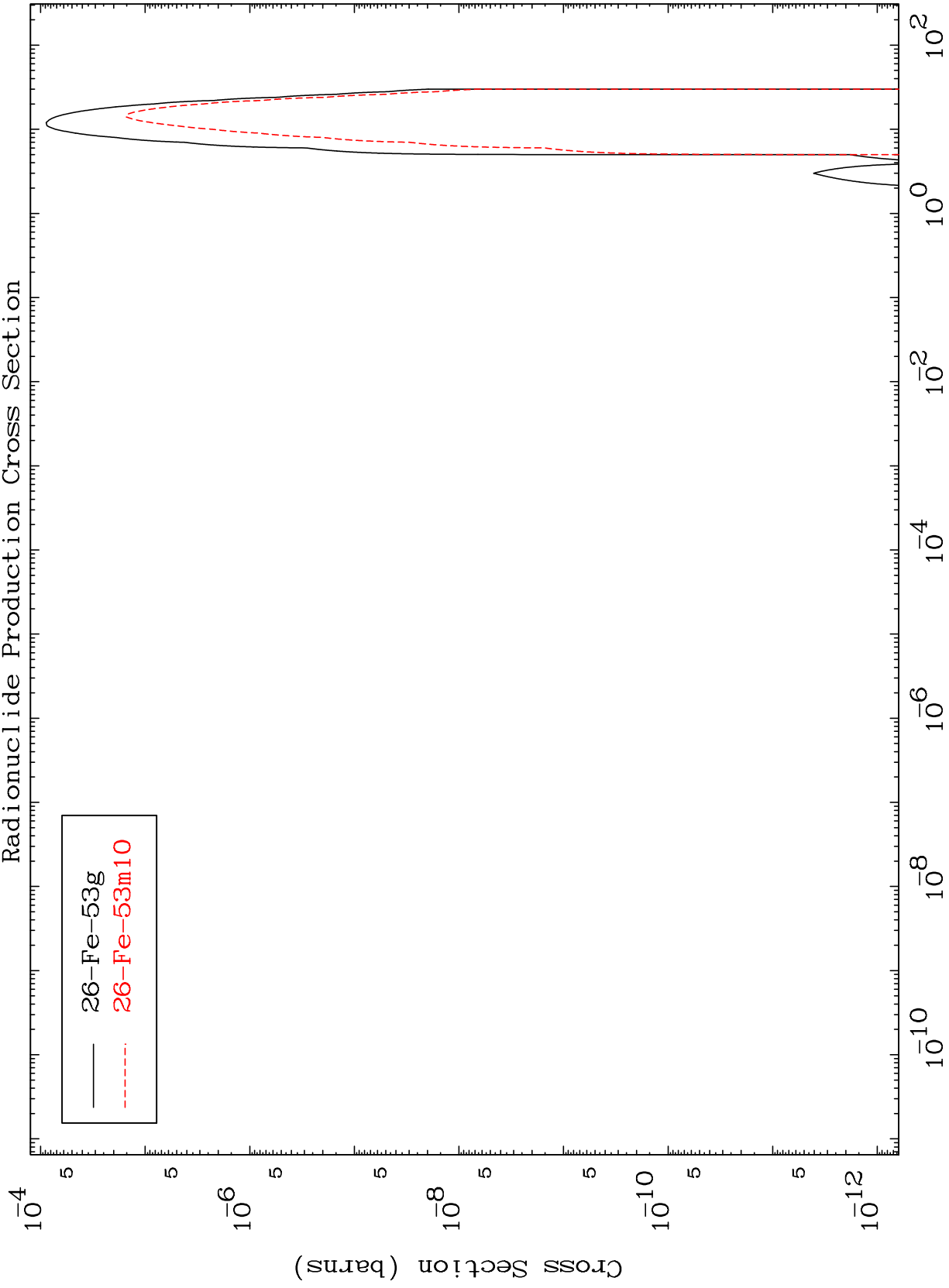
Incident Energy (MeV)

24-Cr-49

MAT 2422

Radionuclide Production Cross Section
(α, γ)

²⁴Cr-49



14

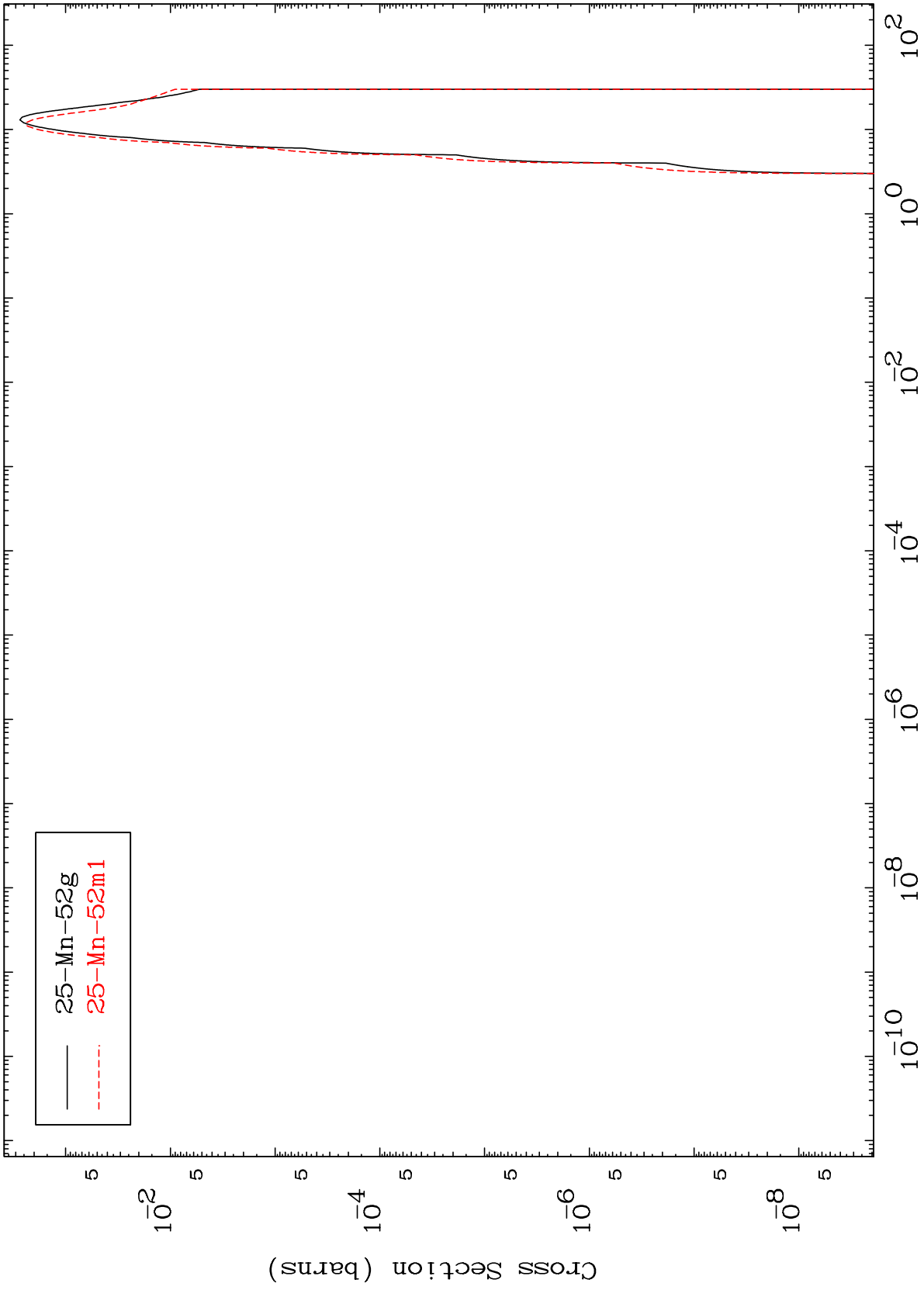
Incident Energy (MeV)

²⁴Cr-49

MAT 2422

(α, p)
Radionuclide Production Cross Section

²⁴Cr-49



15

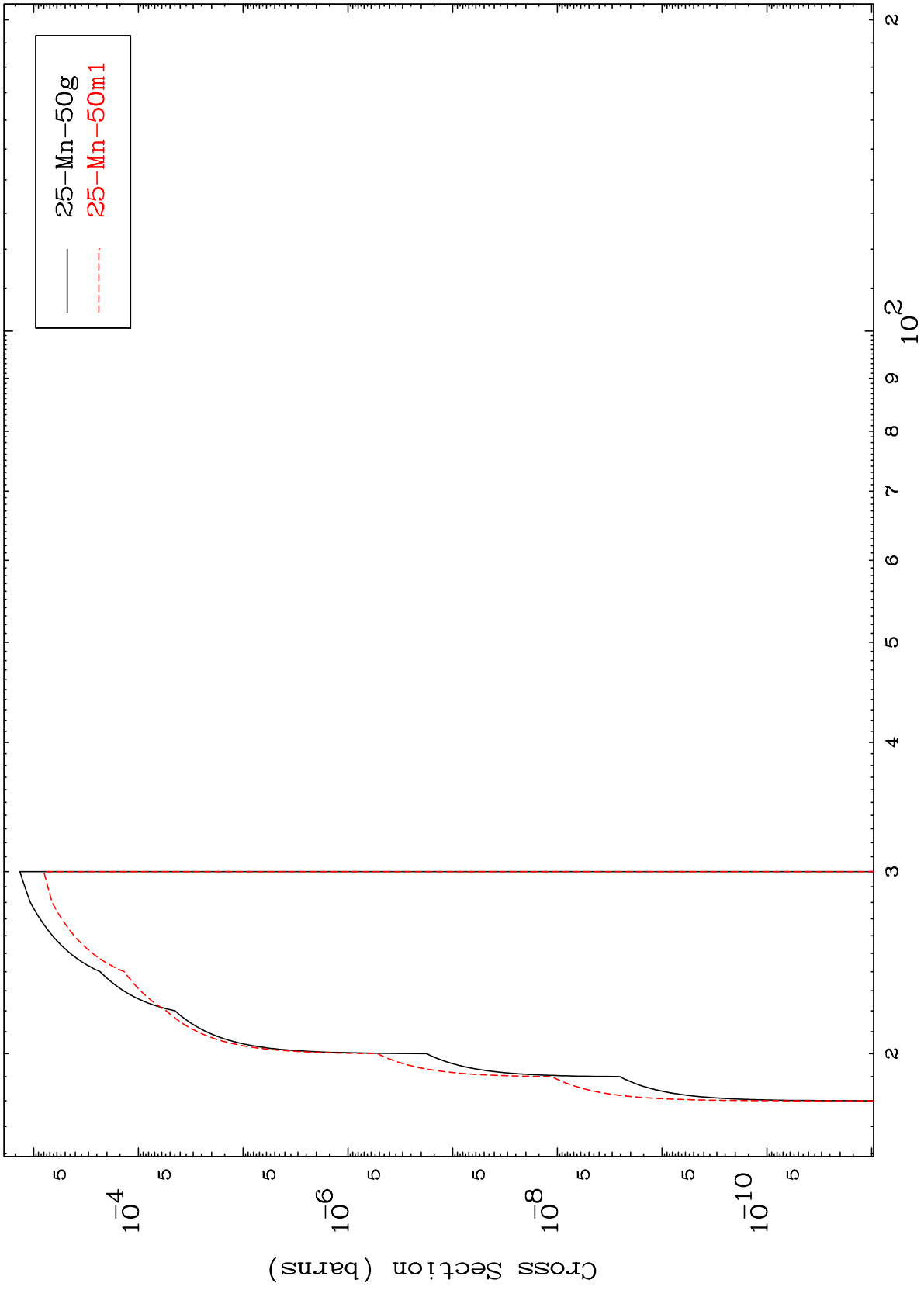
Incident Energy (MeV)

²⁴Cr-49

MAT 2422

24-Cr-49

(α, t)
Radionuclide Production Cross Section



16

24-Cr-49