

Program EVALPLOT
(Version 2021-1)

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

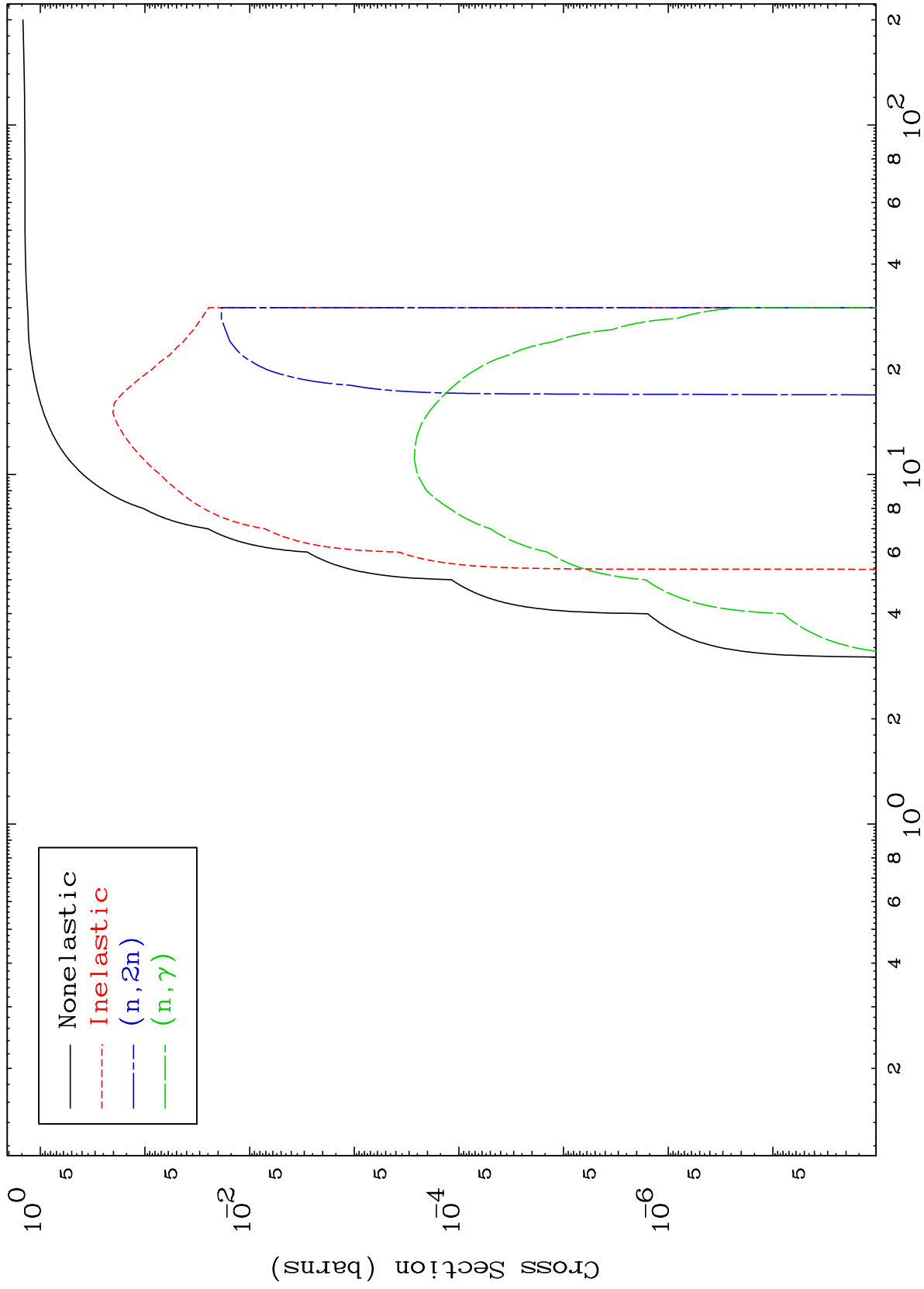
Press Mouse Button to Start

MAT 2425

α Major

24-Cr-50

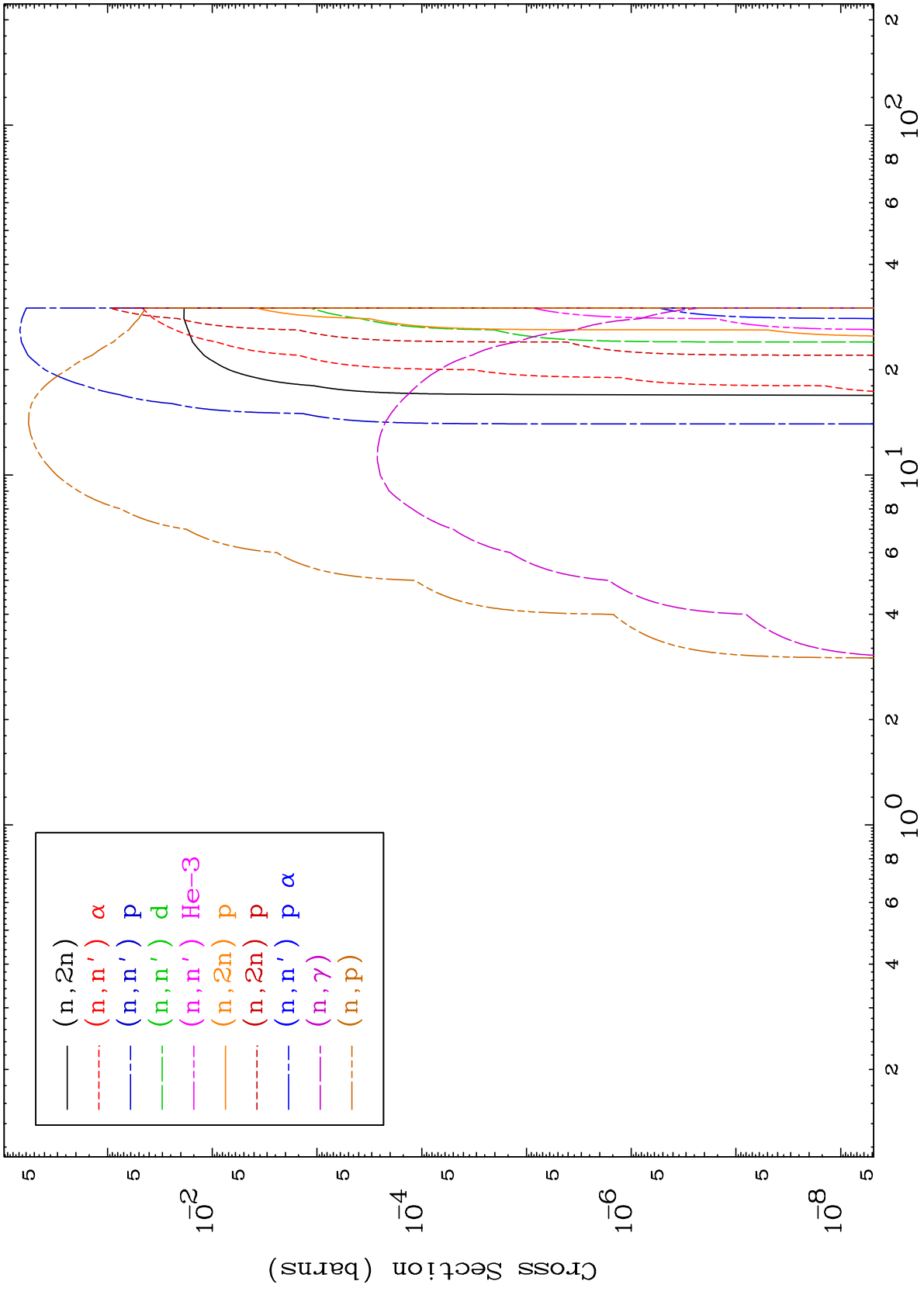
0 Kelvin Cross Sections



MAT 2425

α Neutron Absorption
0 Kelvin Cross Sections

24-Cr-50



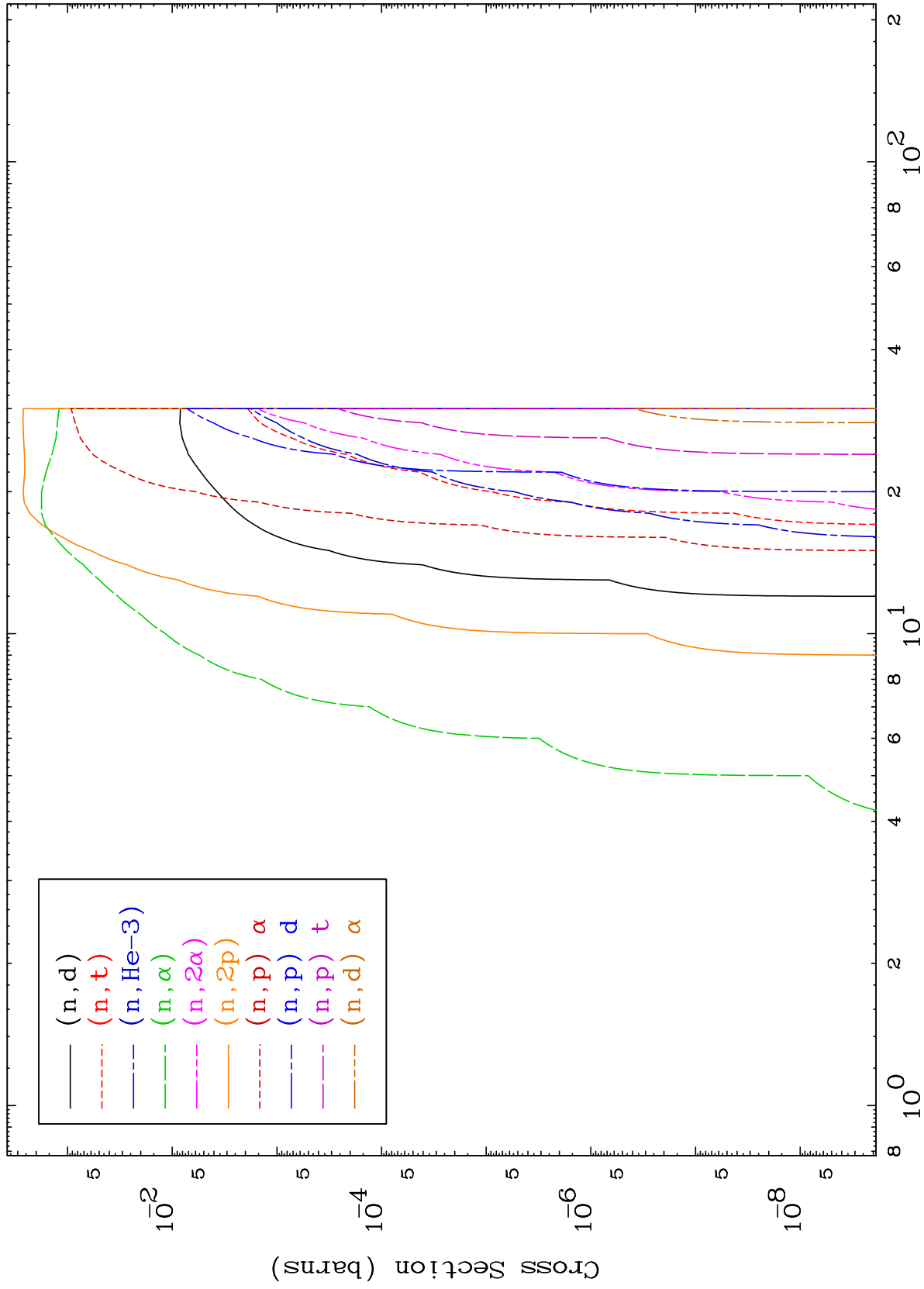
2

24-Cr-50

MAT 2425

α Neutron Absorption
0 Kelvin Cross Sections

²⁴Cr-50



3

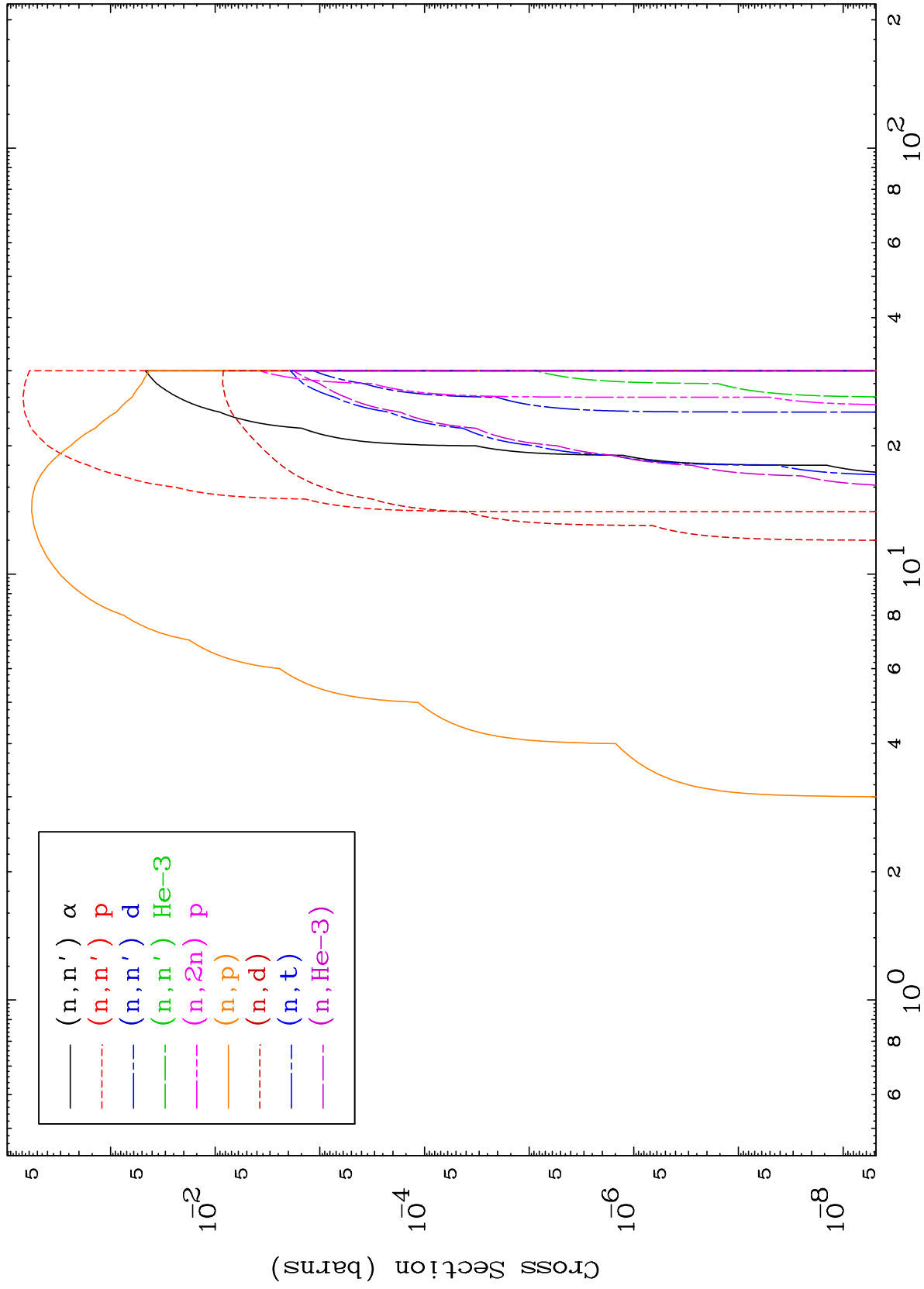
Incident Energy (MeV)

²⁴Cr-50

MAT 2425

α Charged Particle
0 Kelvin Cross Sections

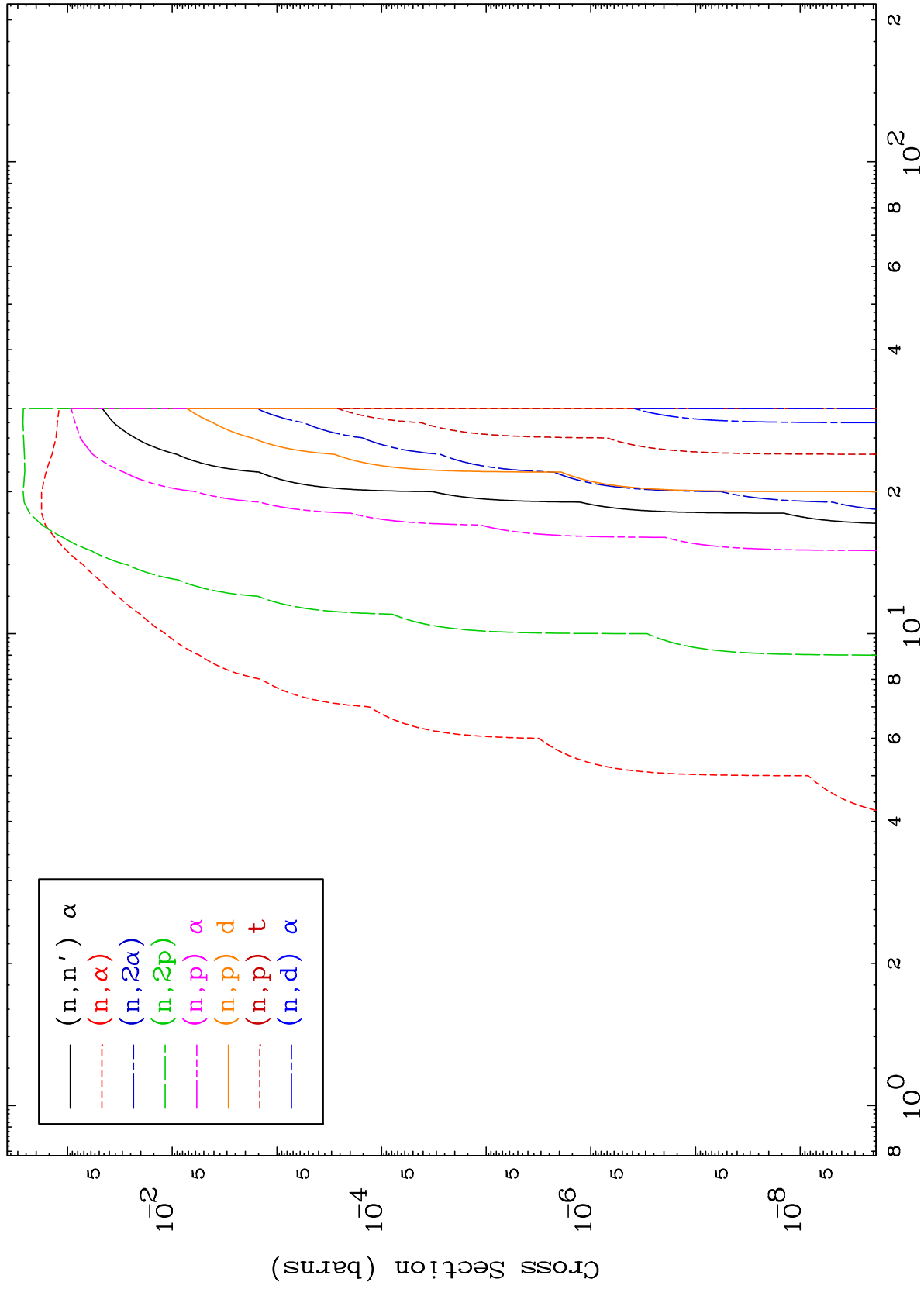
24-Cr-50



MAT 2425

α Charged Particle
0 Kelvin Cross Sections

24-Cr-50



5

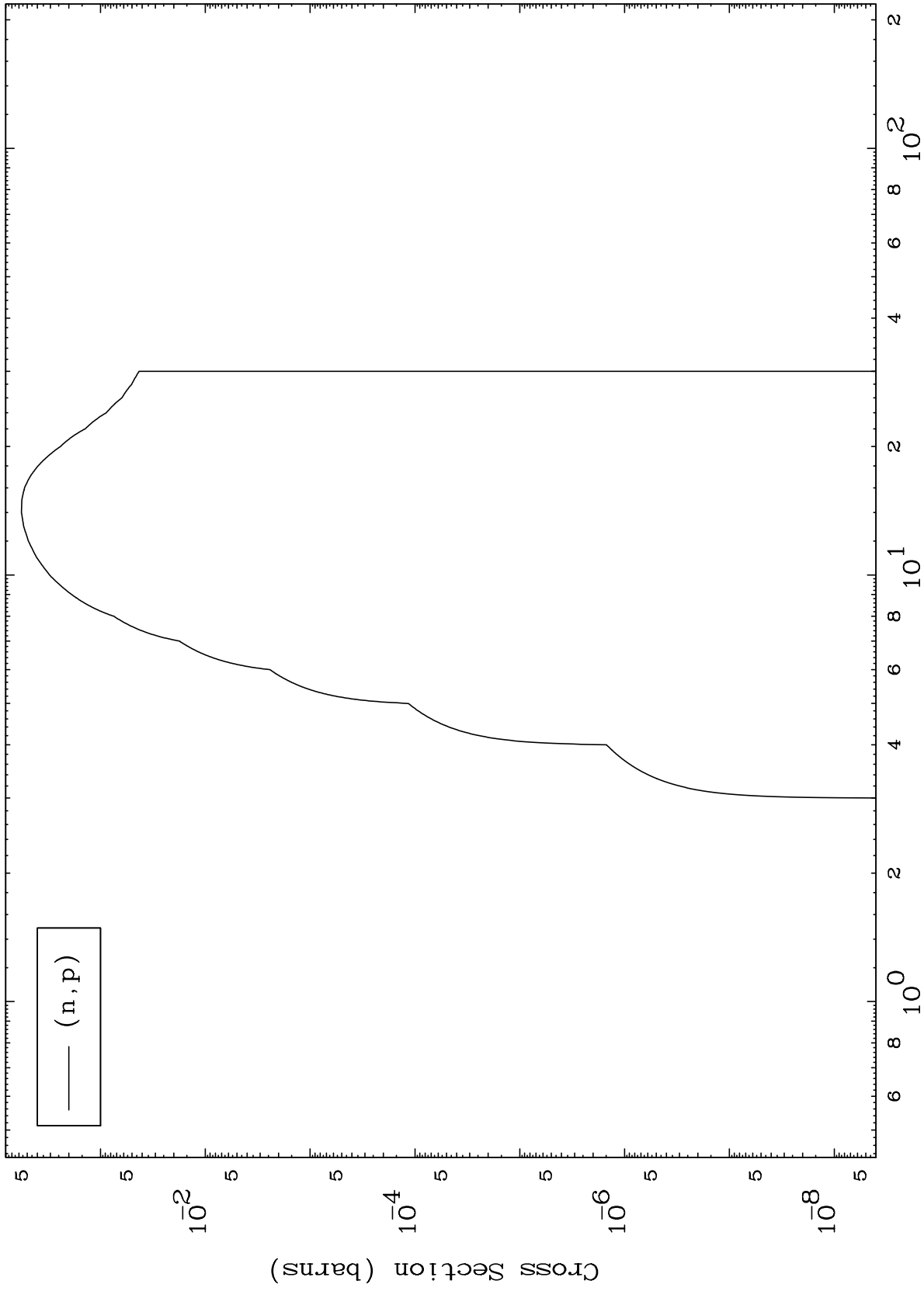
Incident Energy (MeV)

24-Cr-50

MAT 2425

24-Cr-50

(α, p) Levels
0 Kelvin Cross Sections



6

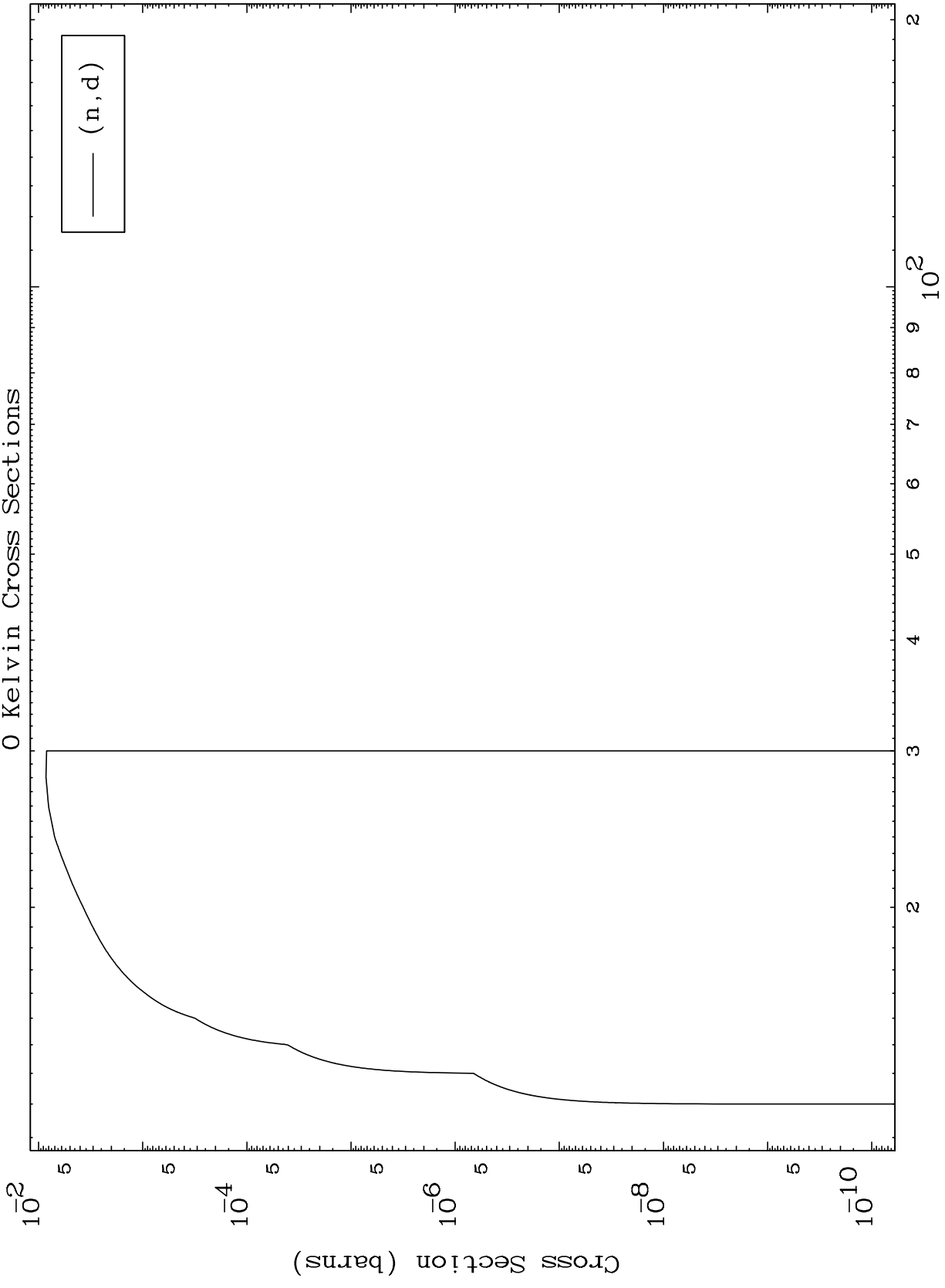
Incident Energy (MeV)

24-Cr-50

MAT 2425

(α, d) Levels
0 Kelvin Cross Sections

²⁴Cr-50



7

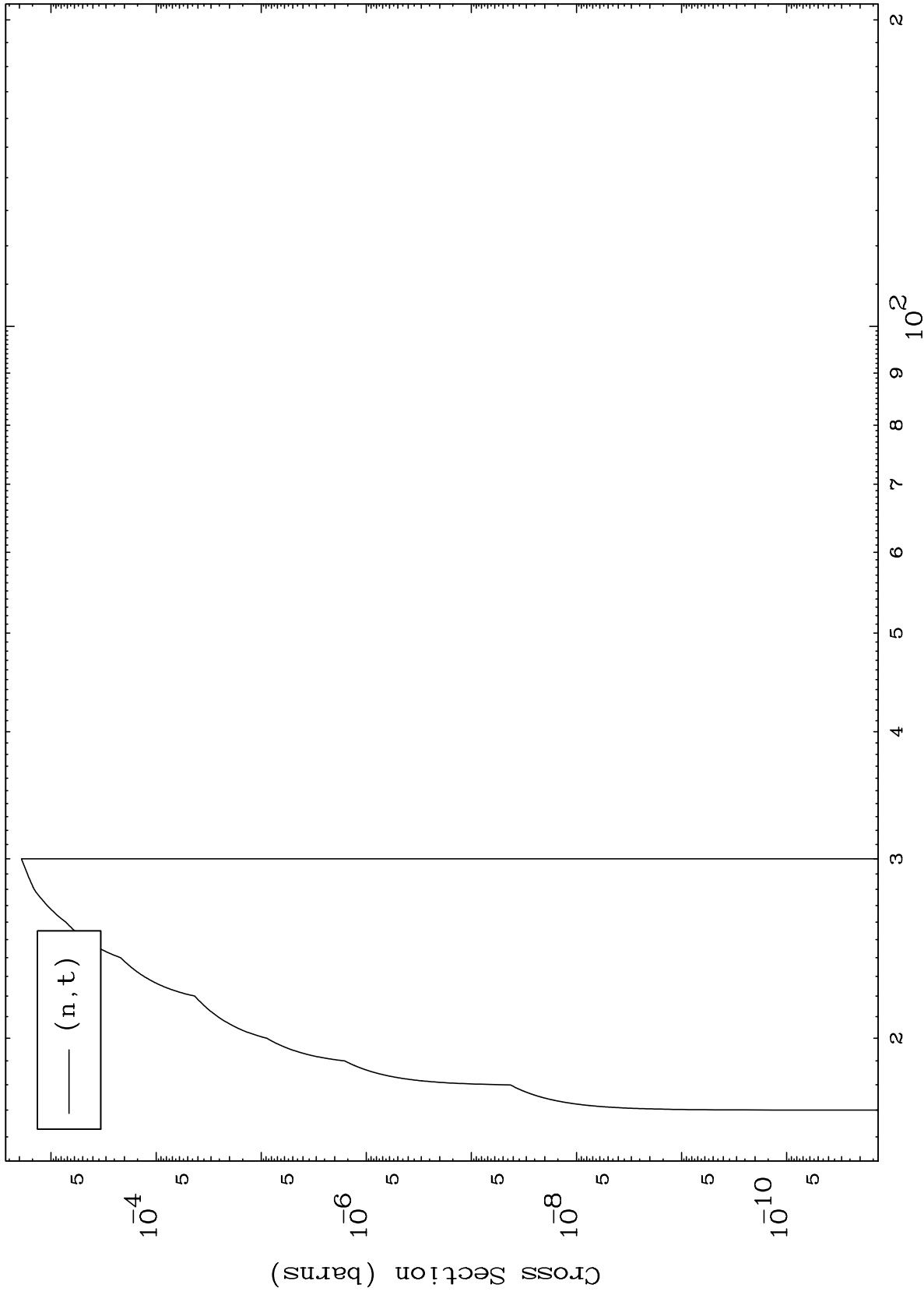
Incident Energy (MeV)

²⁴Cr-50

MAT 2425

(α, t) Levels
0 Kelvin Cross Sections

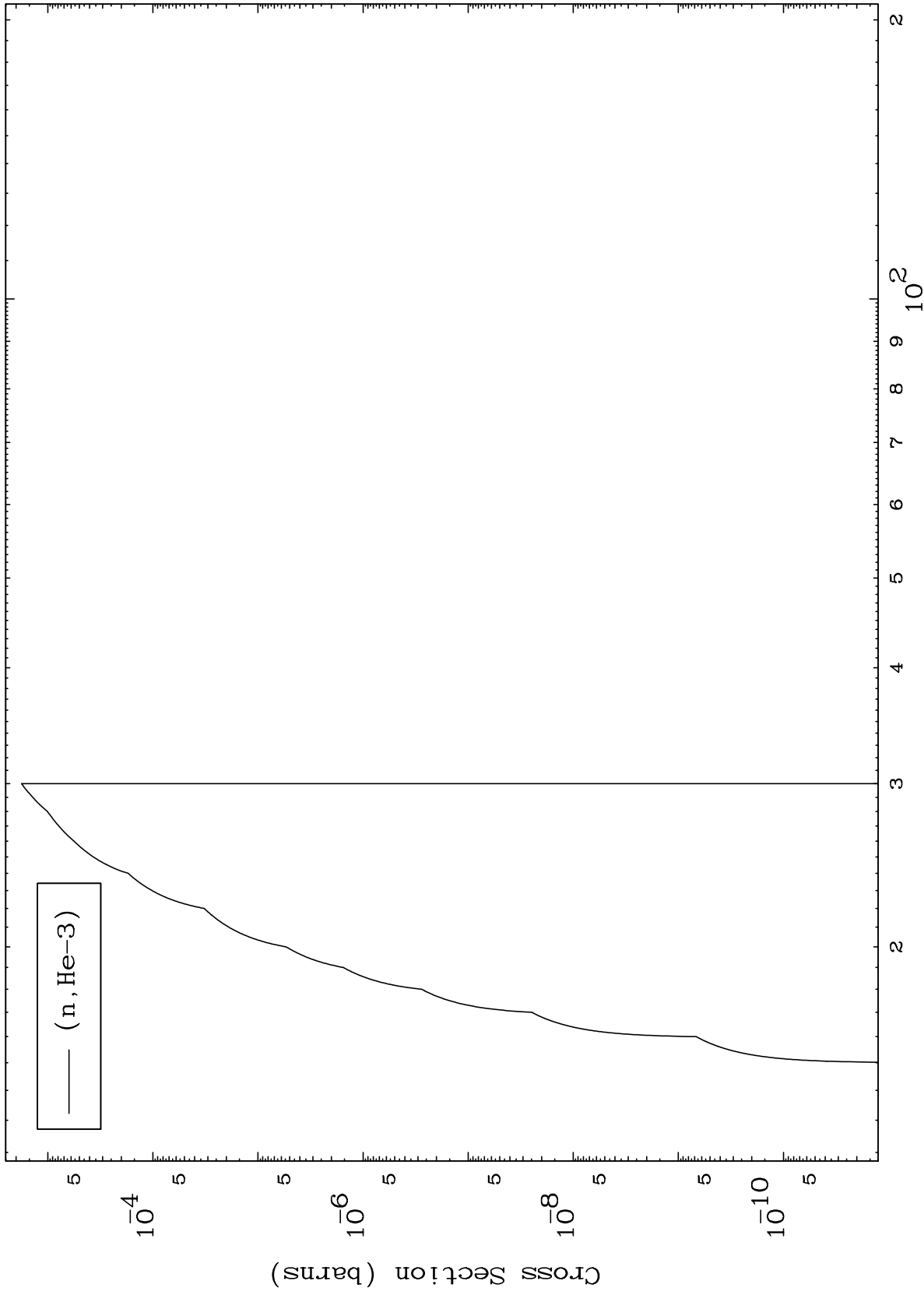
²⁴Cr-50



8

Incident Energy (MeV)

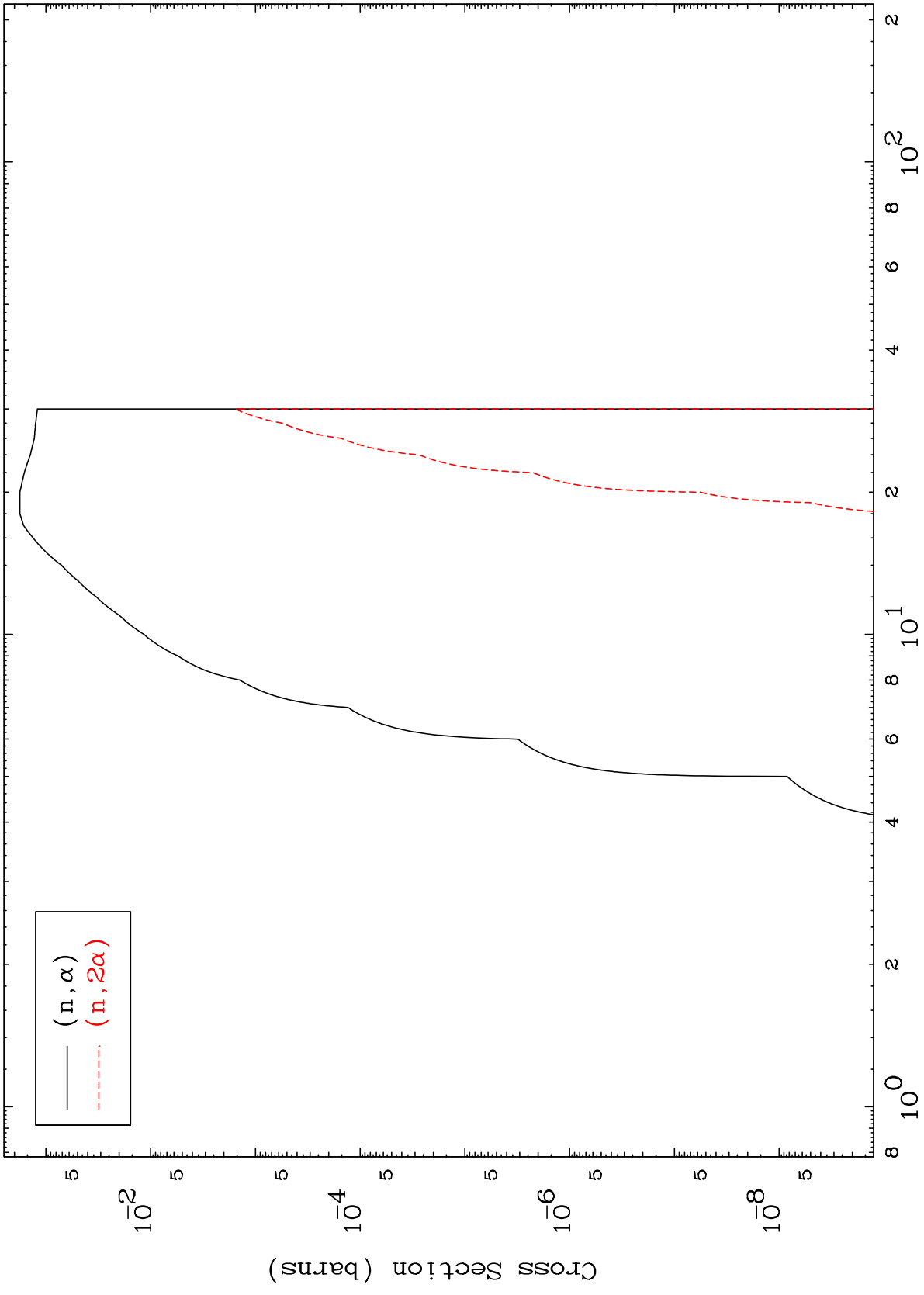
²⁴Cr-50



MAT 2425

(α, α) Levels
0 Kelvin Cross Sections

²⁴Cr-50



10

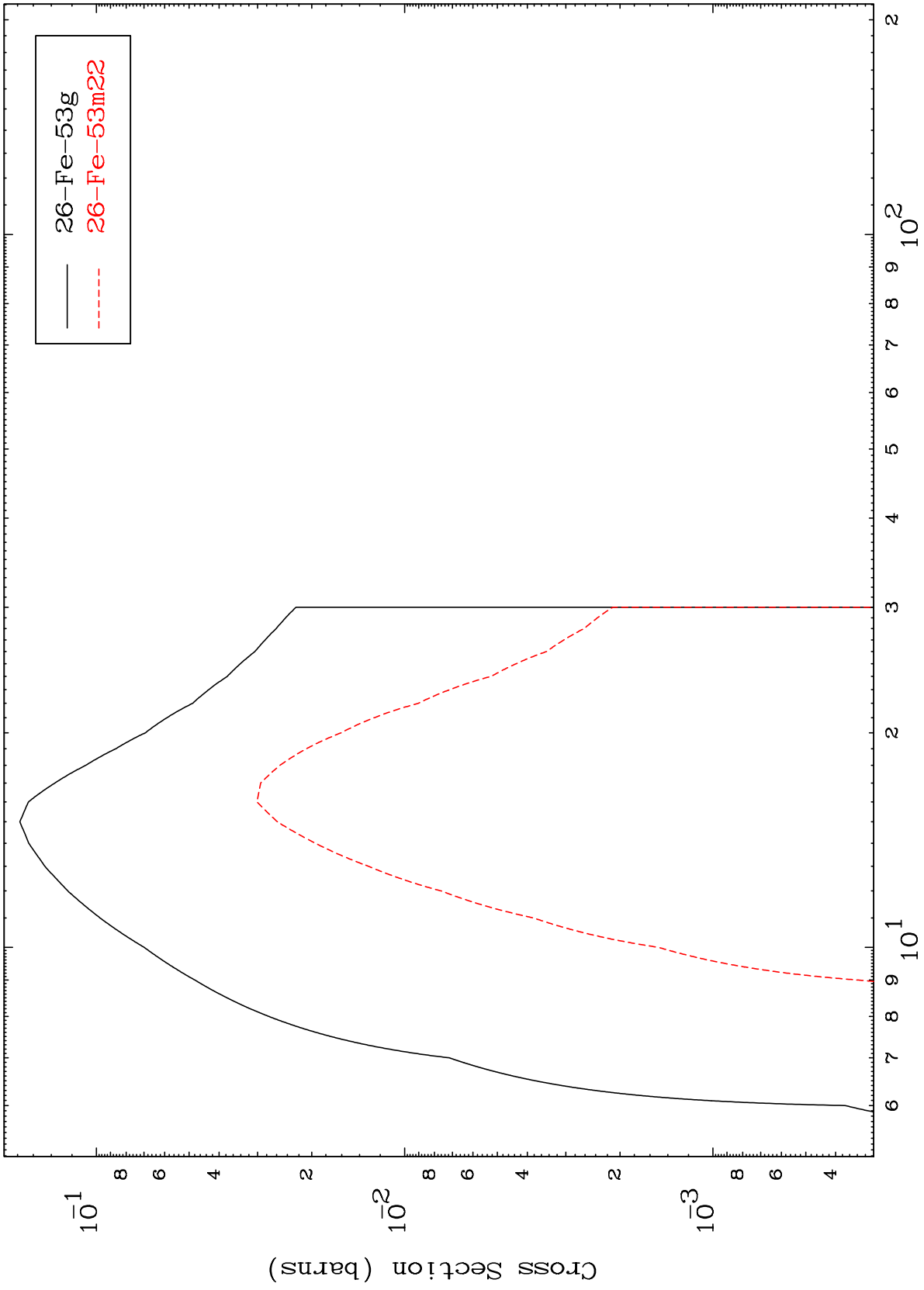
Incident Energy (MeV)

²⁴Cr-50

MAT 2425

24-Cr-50

Inelastic
Radionuclide Production Cross Section



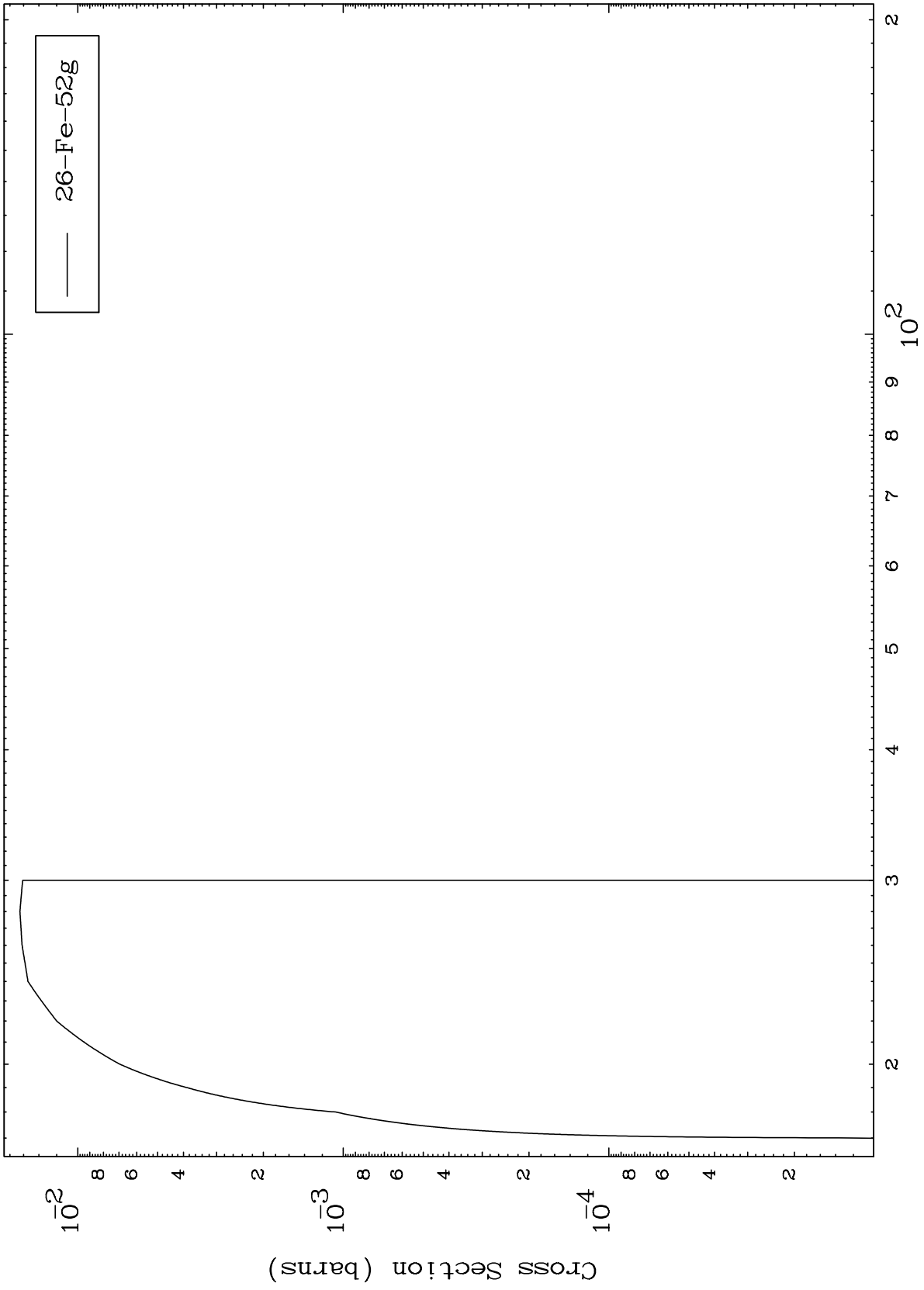
11

24-Cr-50

MAT 2425

24-Cr-50

(n,2n)
Radionuclide Production Cross Section



12

Incident Energy (MeV)

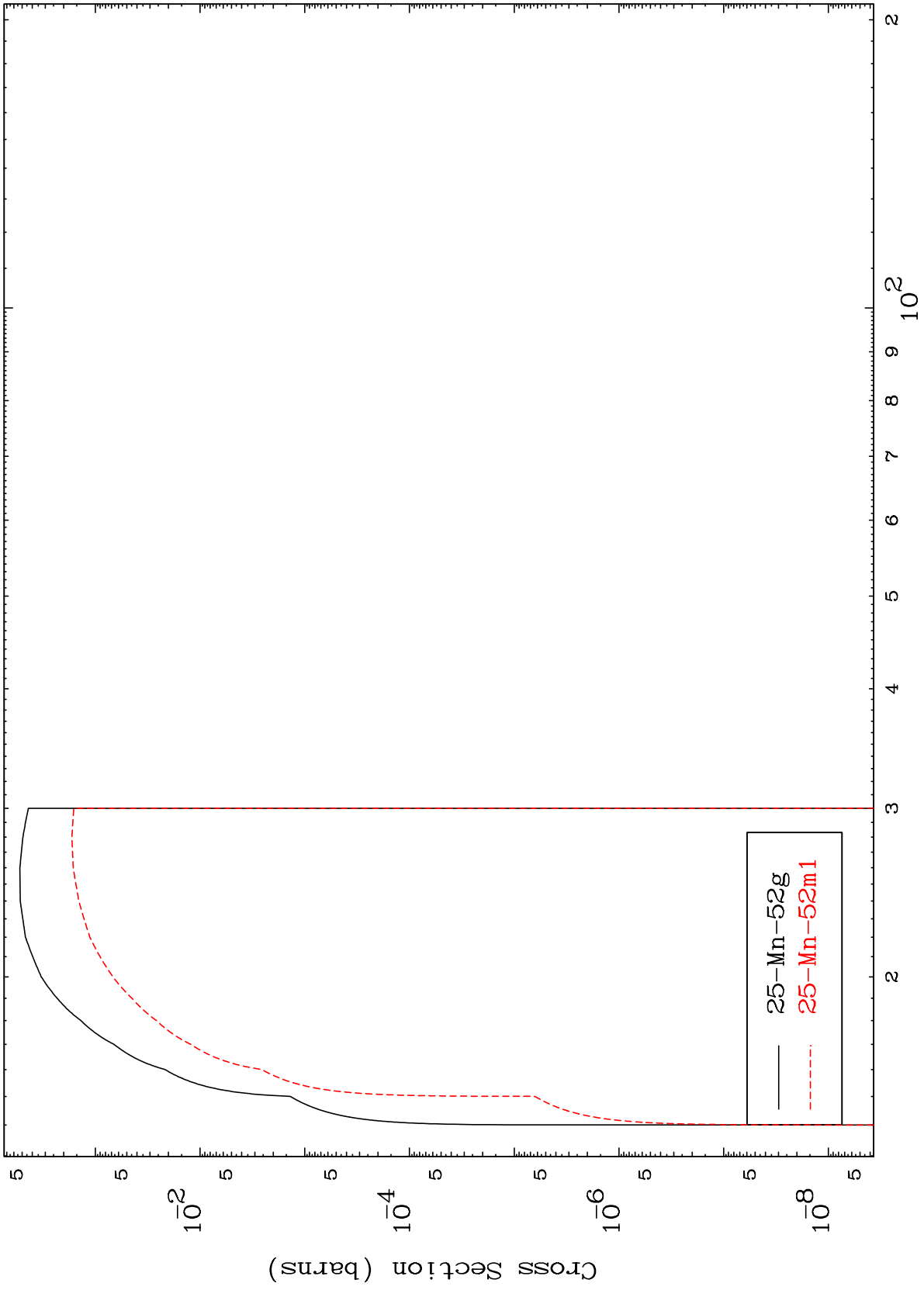
24-Cr-50

MAT 2425

(n,n') p

24-Cr-50

Radionuclide Production Cross Section



13

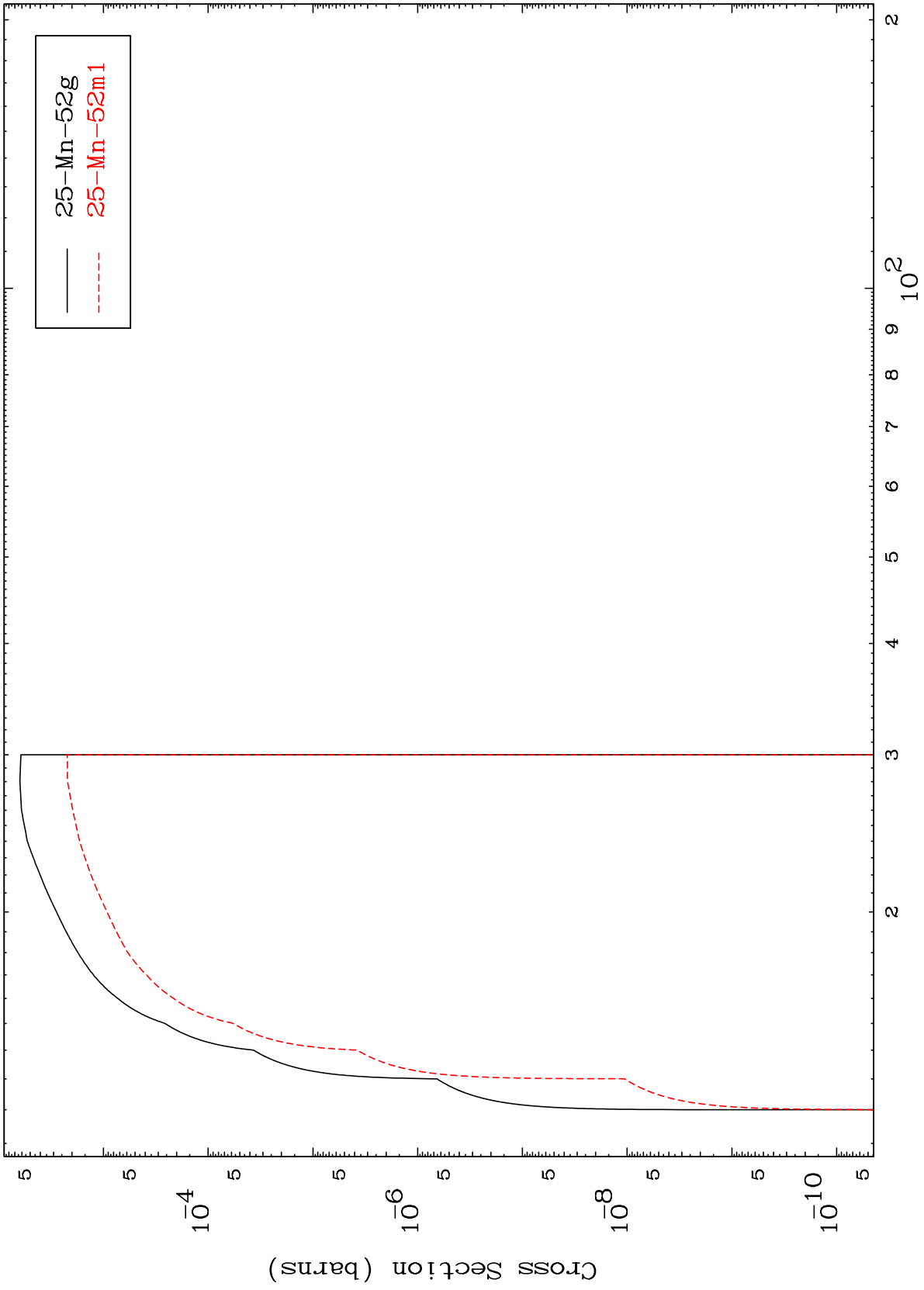
Incident Energy (MeV)

24-Cr-50

MAT 2425

24-Cr-50

(n,d)
Radionuclide Production Cross Section



14

Incident Energy (MeV)

24-Cr-50