

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

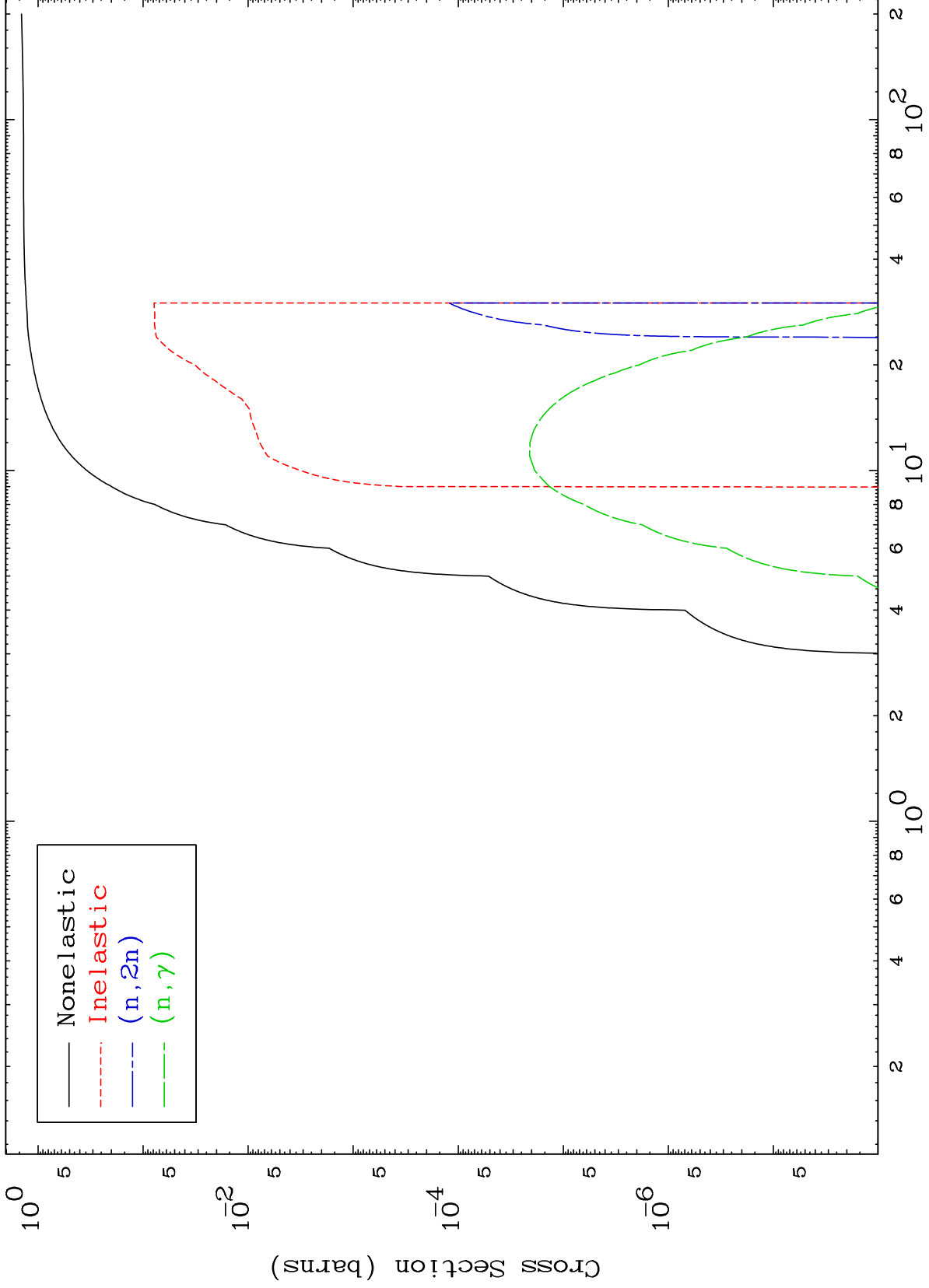
Press Mouse Button to Start

MAT 2419

0 Kelvin

α Major Cross Sections

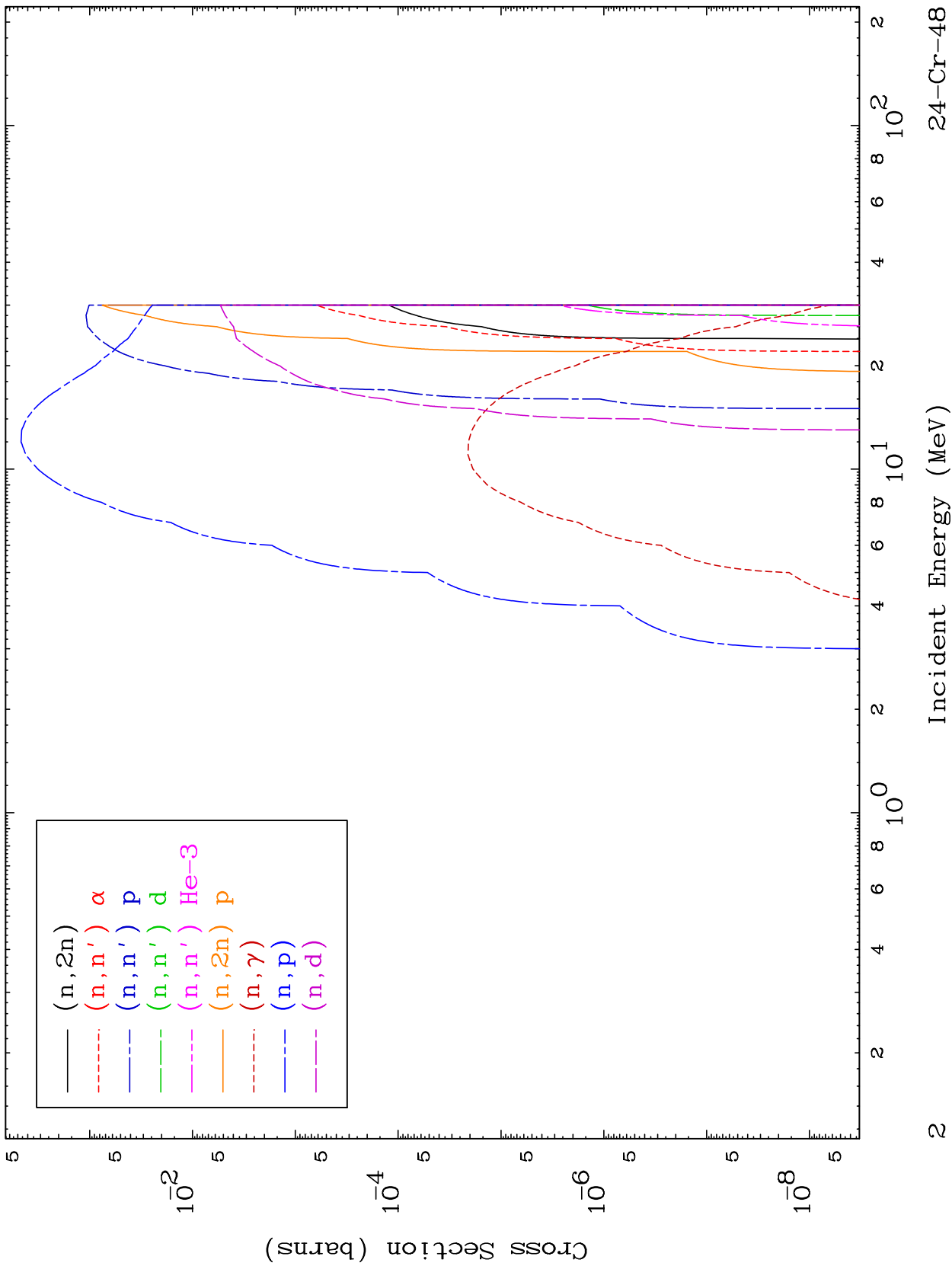
24-Cr-48



MAT 2419

α Neutron Absorption
0 Kelvin Cross Sections

24-Cr-48



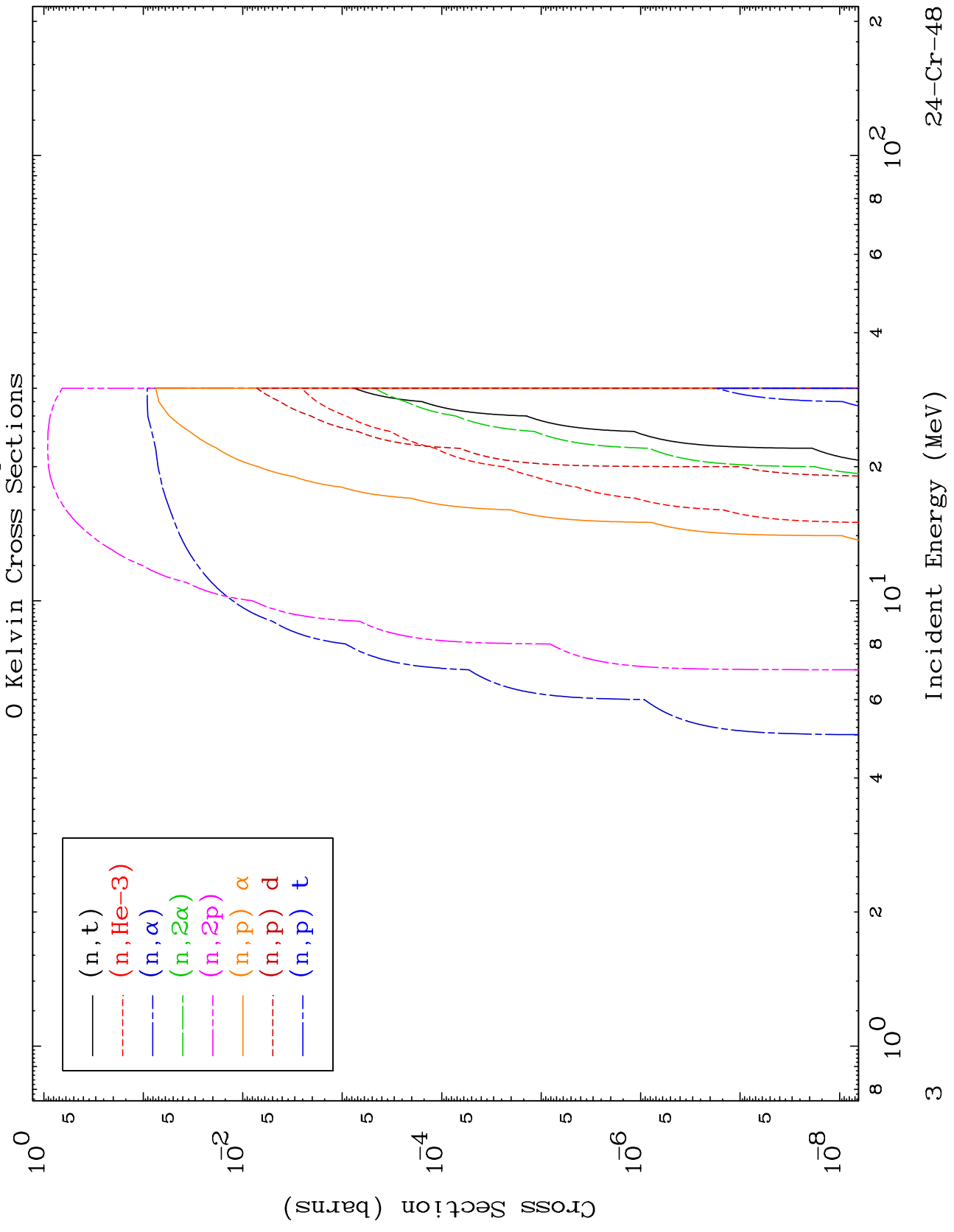
Incident Energy (MeV)

24-Cr-48

MAT 2419

α Neutron Absorption

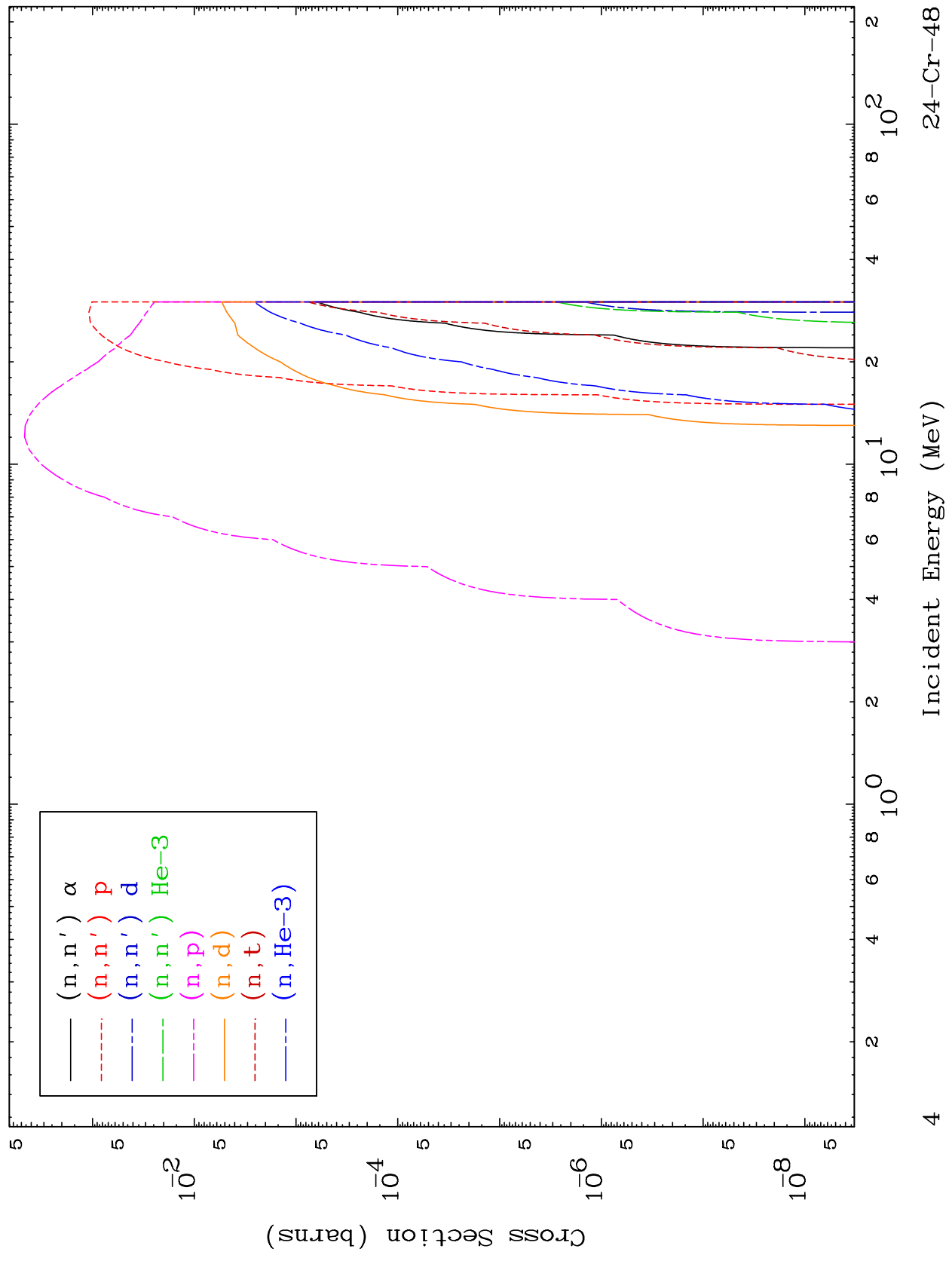
24-Cr-48



MAT 2419

α Charged Particle
0 Kelvin Cross Sections

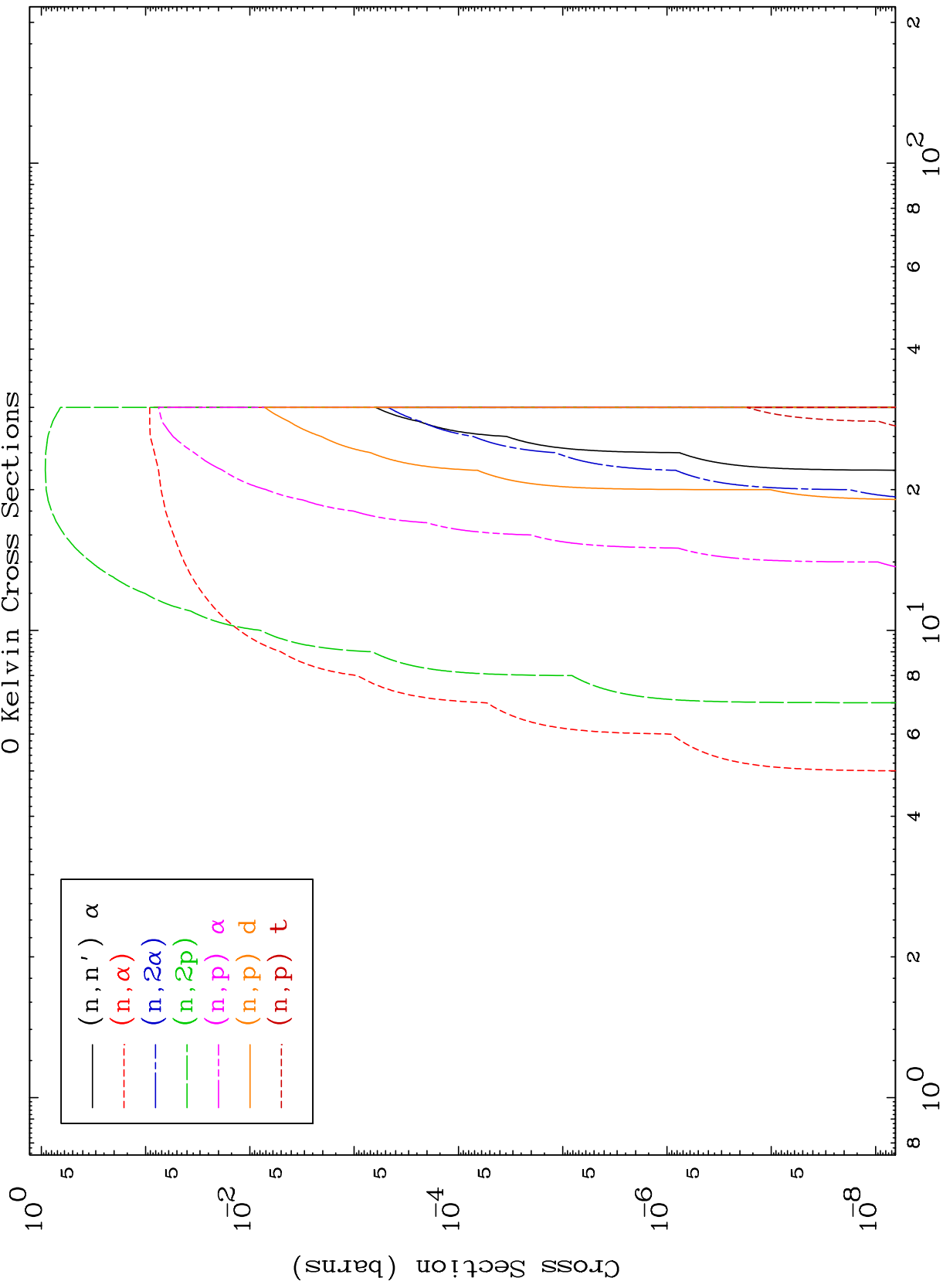
24-Cr-48



MAT 2419

α Charged Particle
0 Kelvin Cross Sections

24-Cr-48



Incident Energy (MeV)

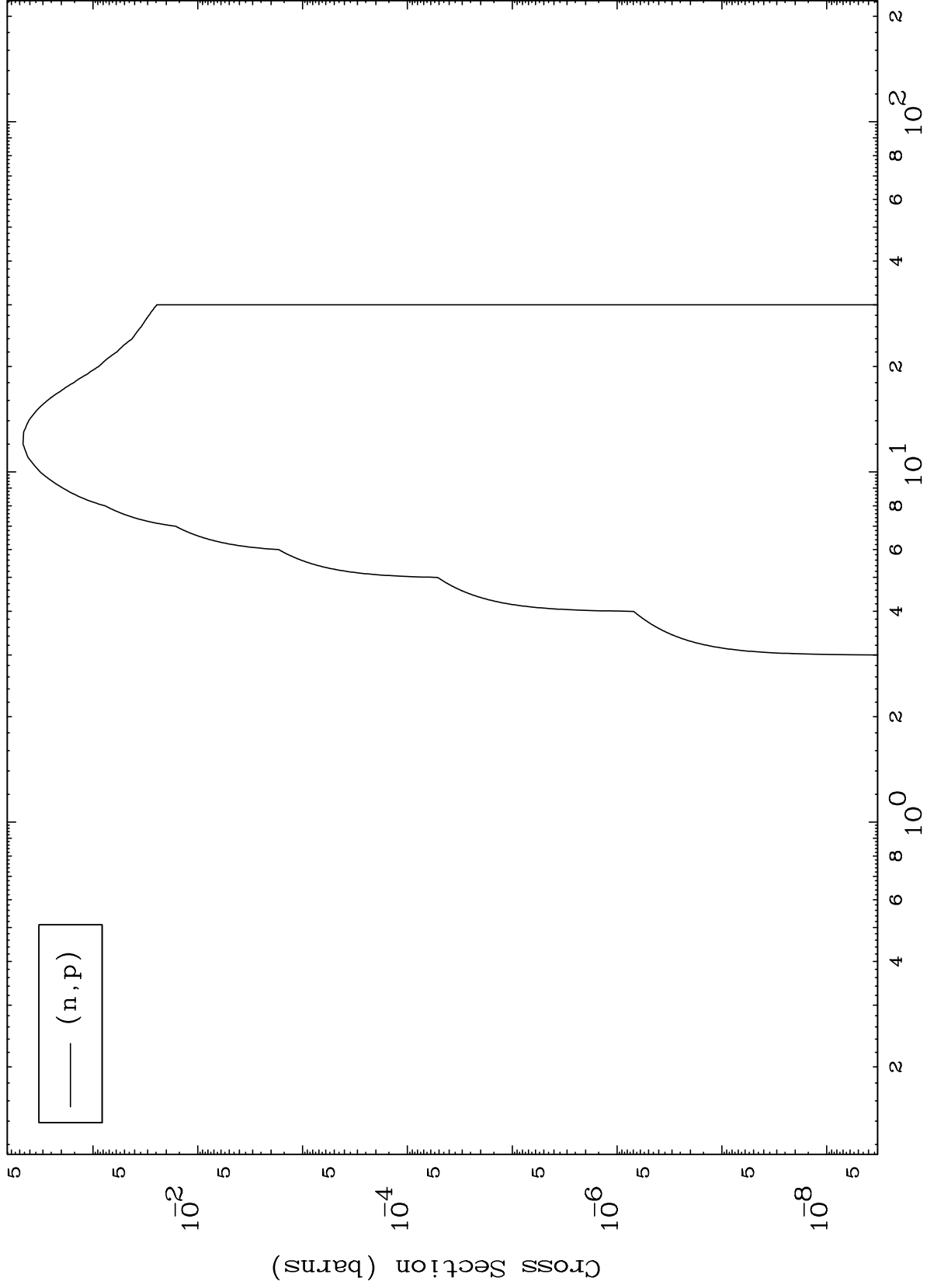
24-Cr-48

MAT 2419

(α, p) Levels

24-Cr-48

0 Kelvin Cross Sections



6

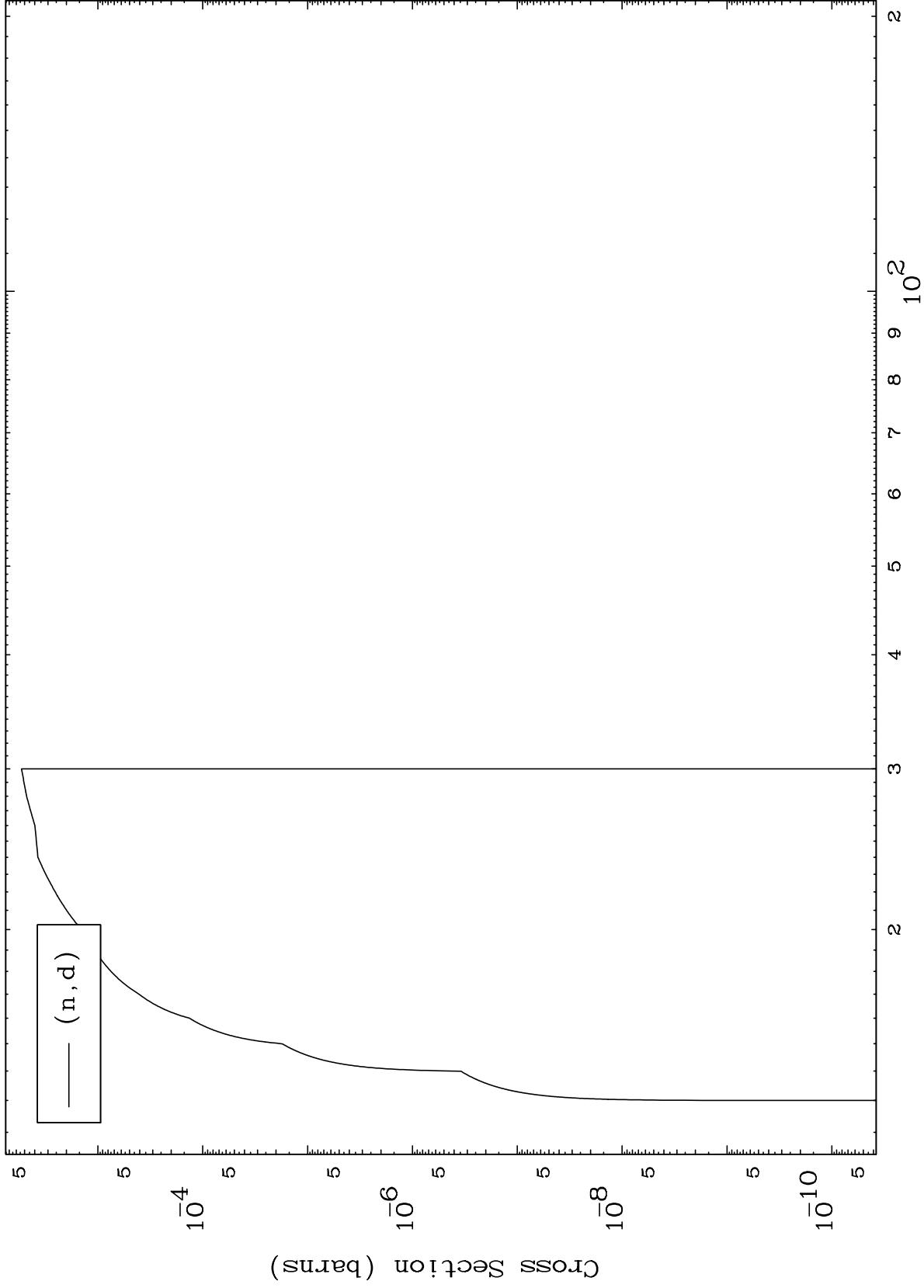
Incident Energy (MeV)

24-Cr-48

MAT 2419

(α, d) Levels
0 Kelvin Cross Sections

²⁴Cr-48



7

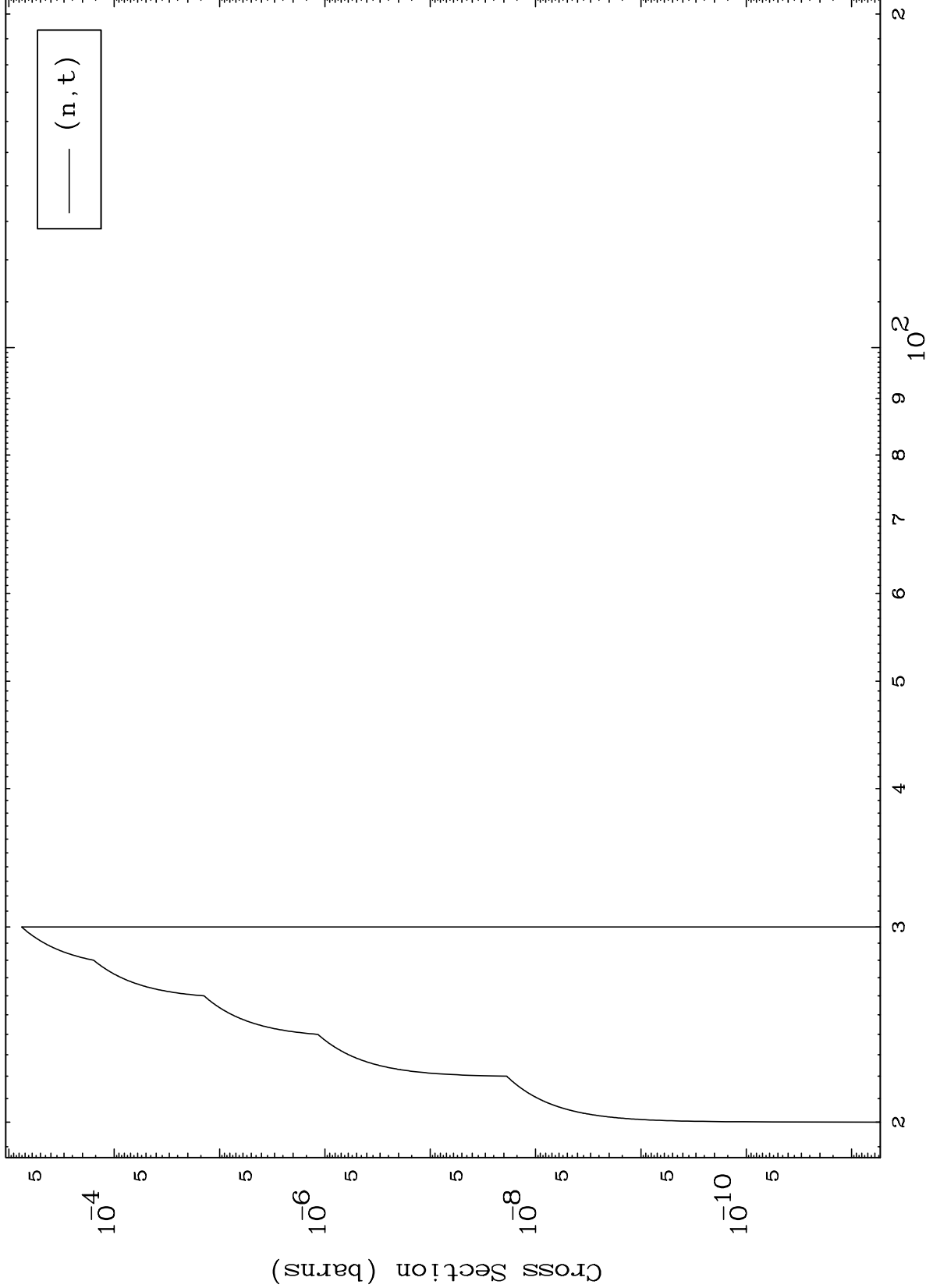
Incident Energy (MeV)

²⁴Cr-48

MAT 2419

(α, t) Levels
0 Kelvin Cross Sections

24-Cr-48

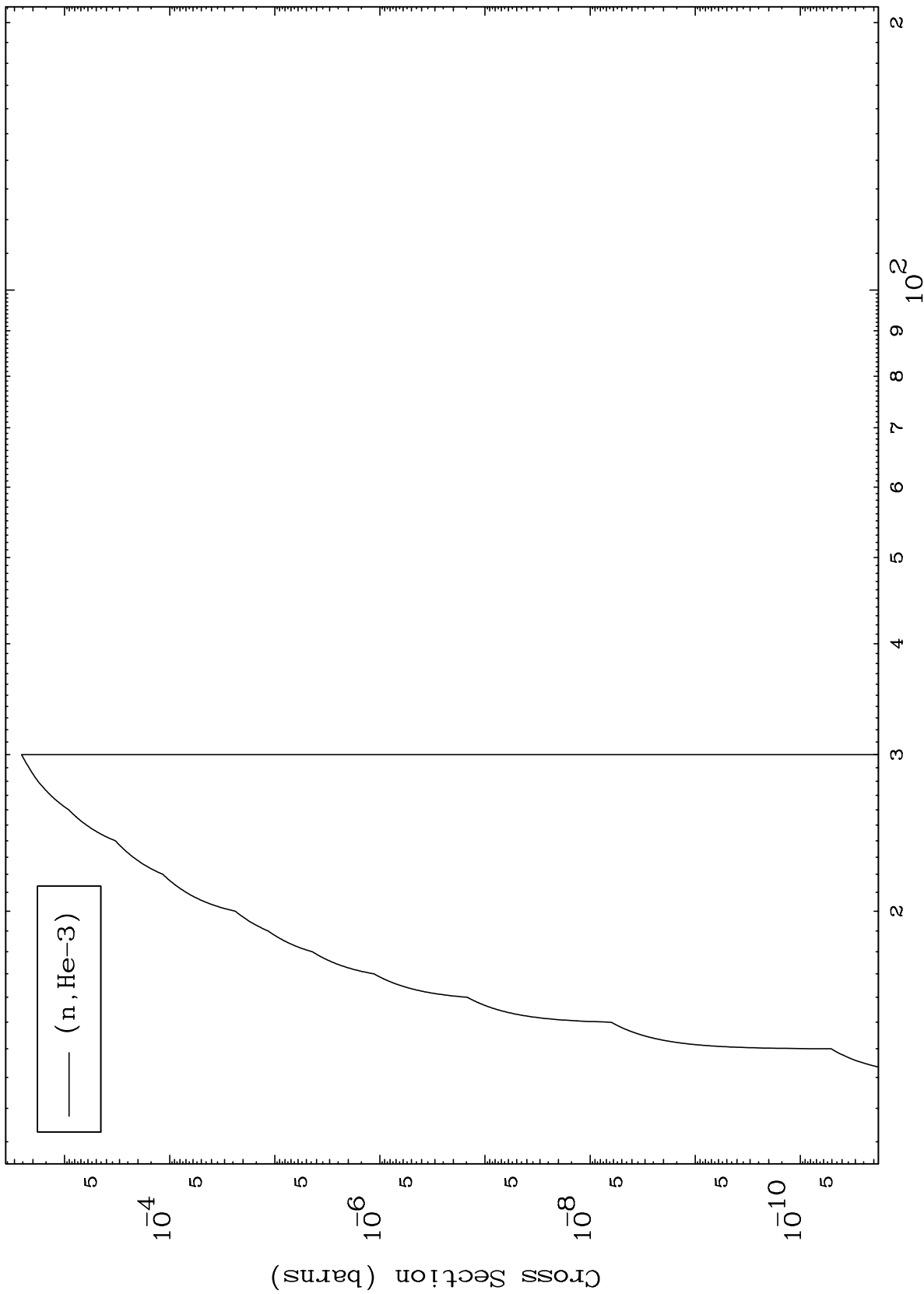


8

Incident Energy (MeV)

24-Cr-48

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

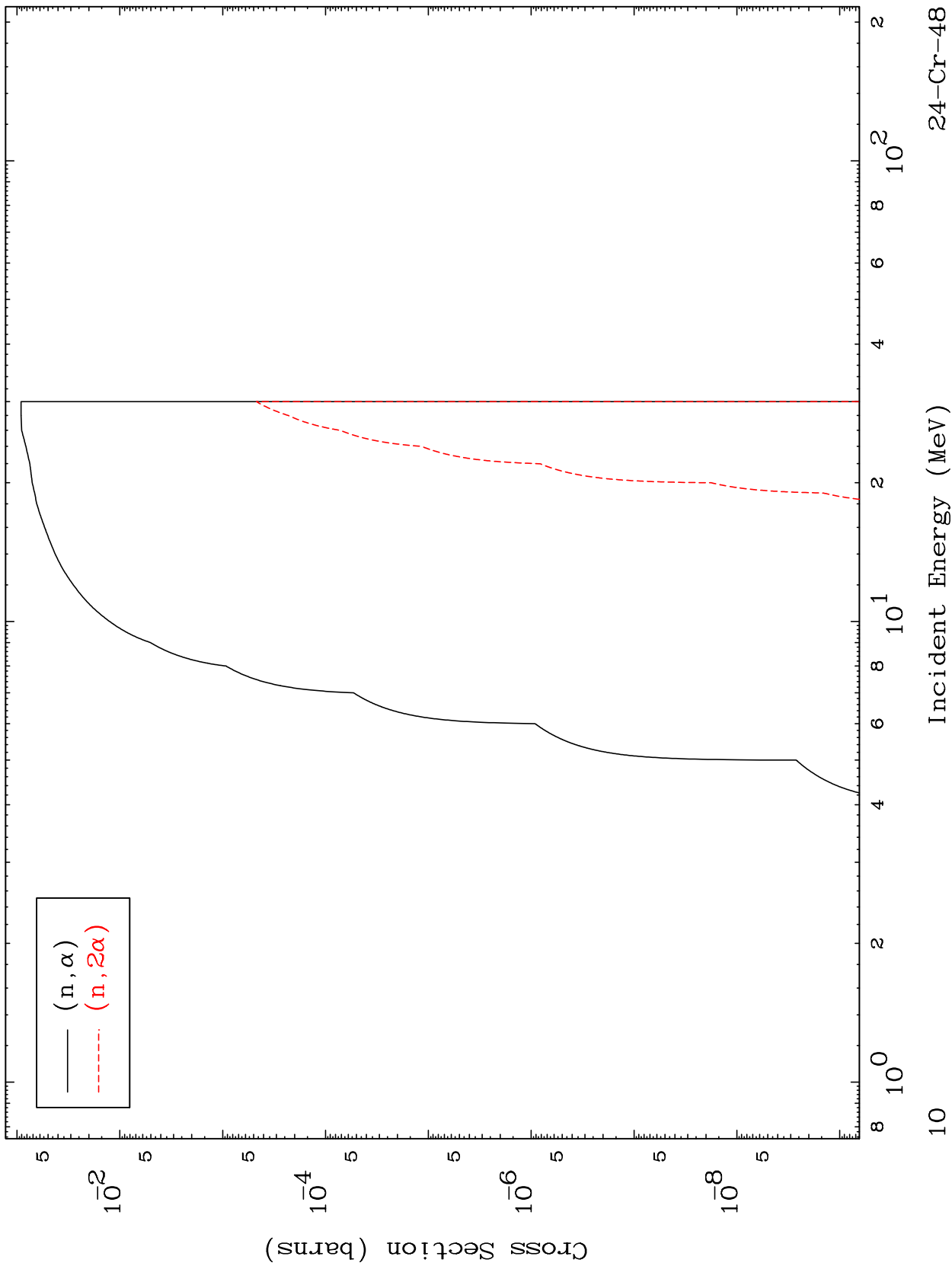


MAT 2419

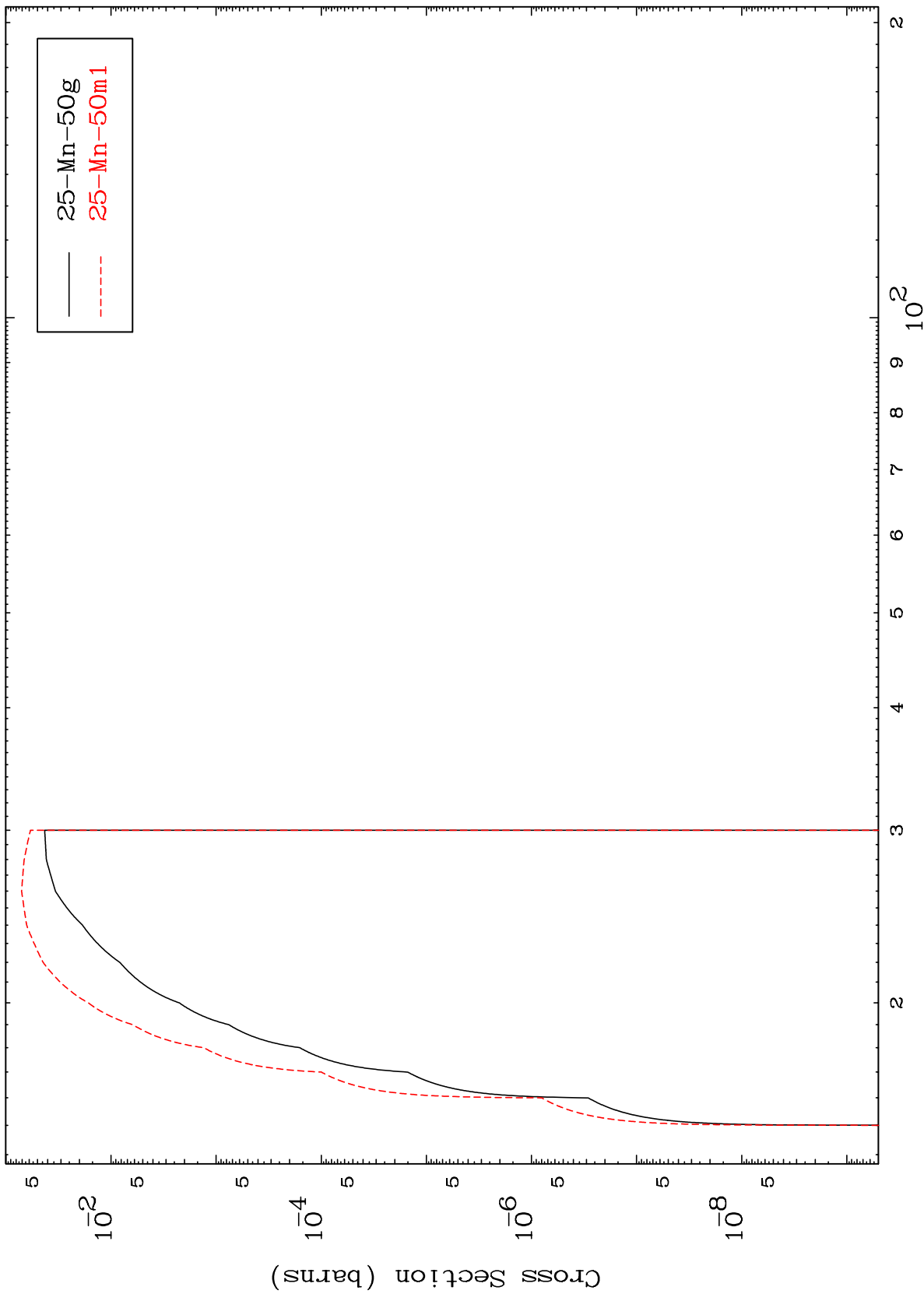
(α, α) Levels

²⁴Cr-48

0 Kelvin Cross Sections



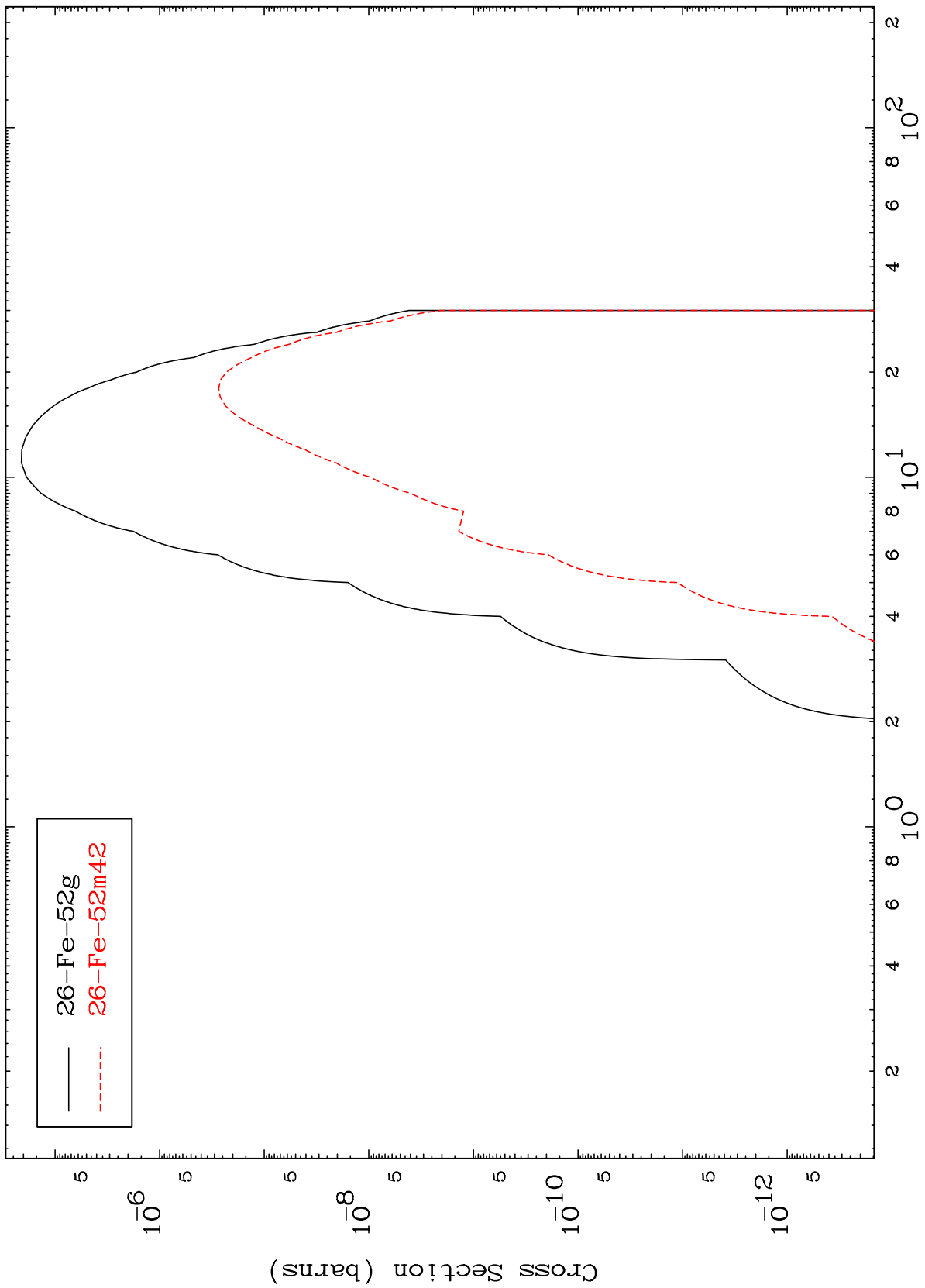
Radionuclide Production Cross Section



MAT 2419

24-Cr-48

(n, γ)
Radionuclide Production Cross Section



12

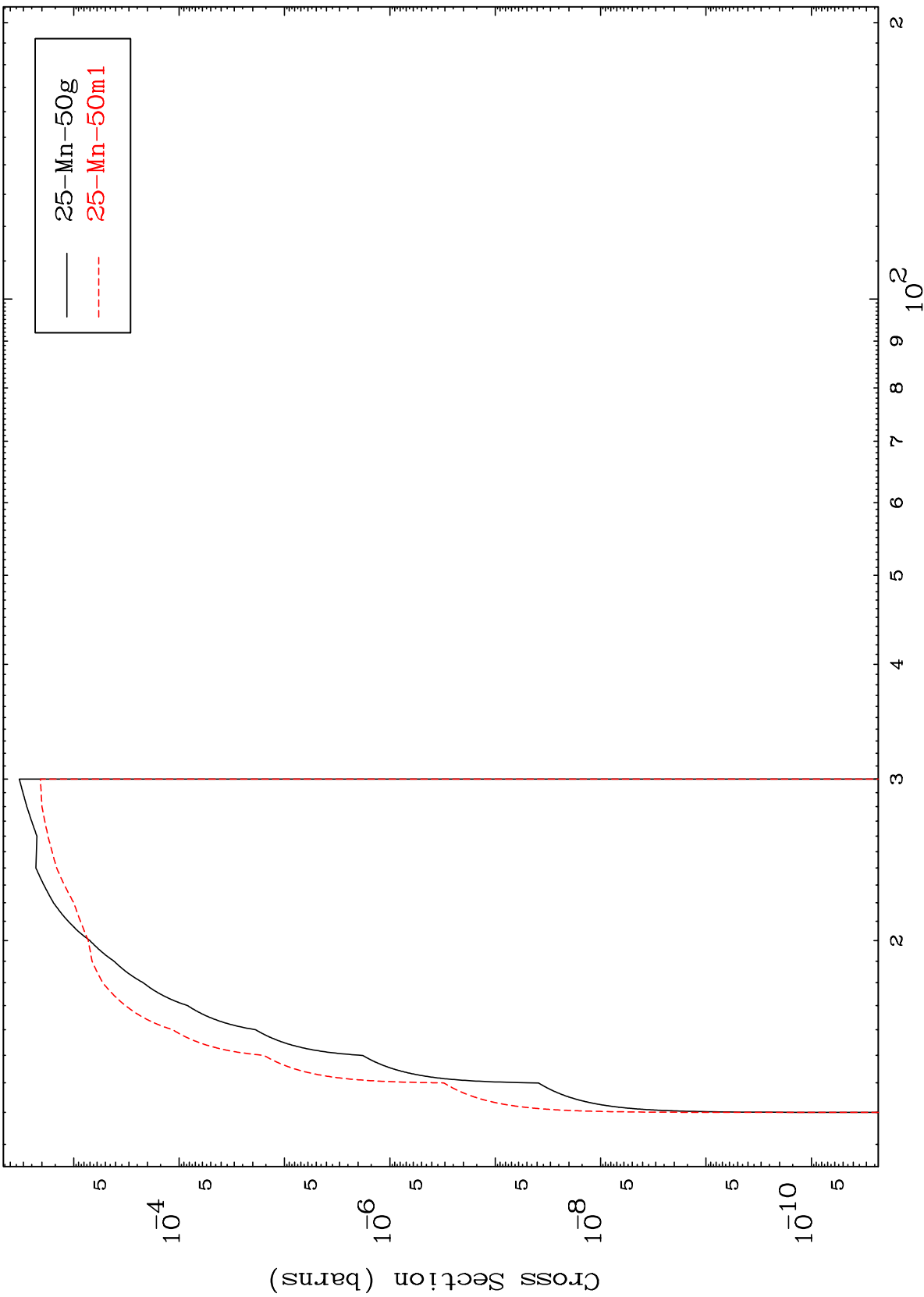
24-Cr-48

MAT 2419

(n,d)

24-Cr-48

Radionuclide Production Cross Section



13

Incident Energy (MeV)

24-Cr-48