

Program EVALPLOT
(Version 2021-1)

by

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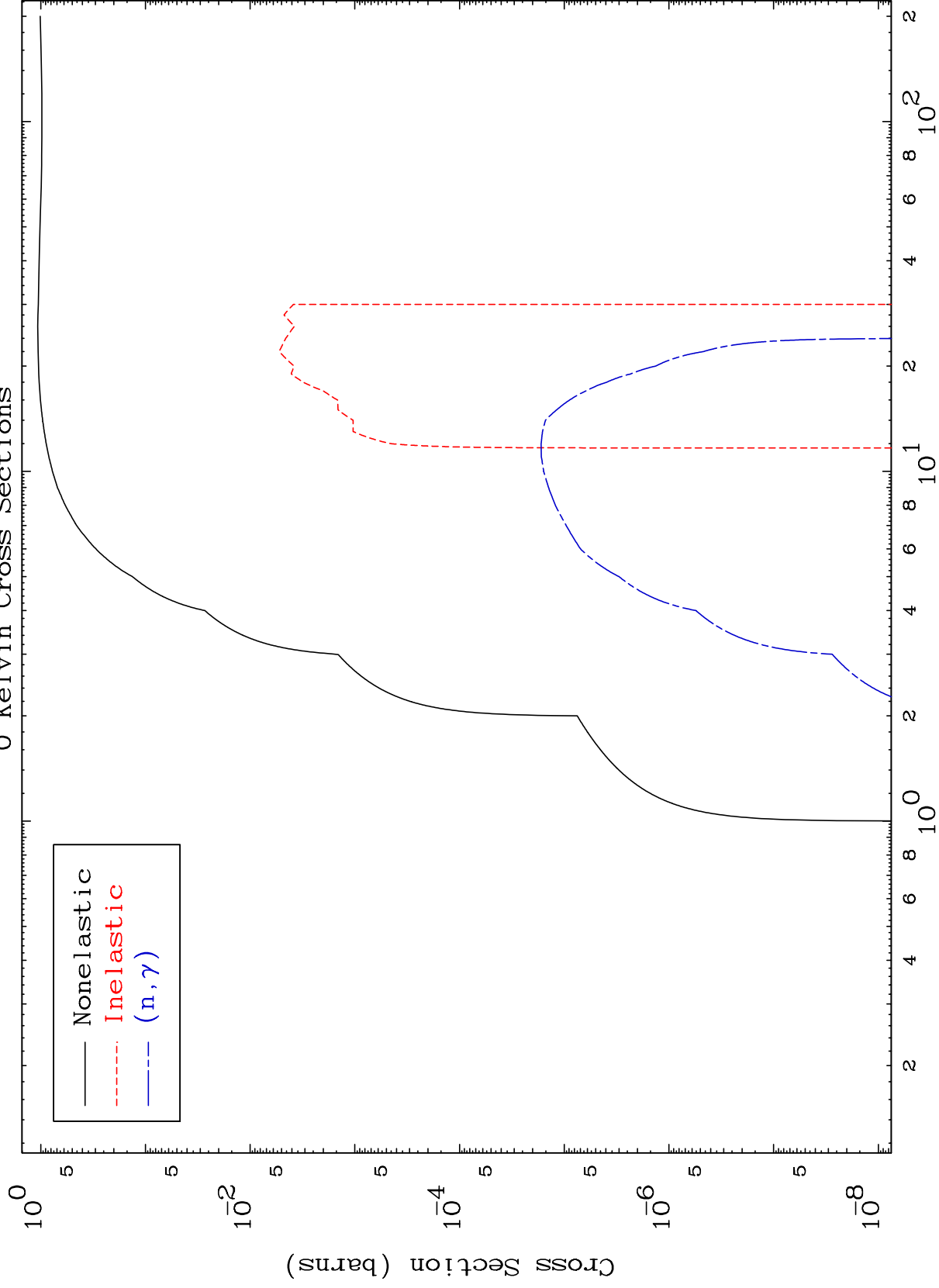
Web:redcullen1.net/HOMEPAGE.NEW

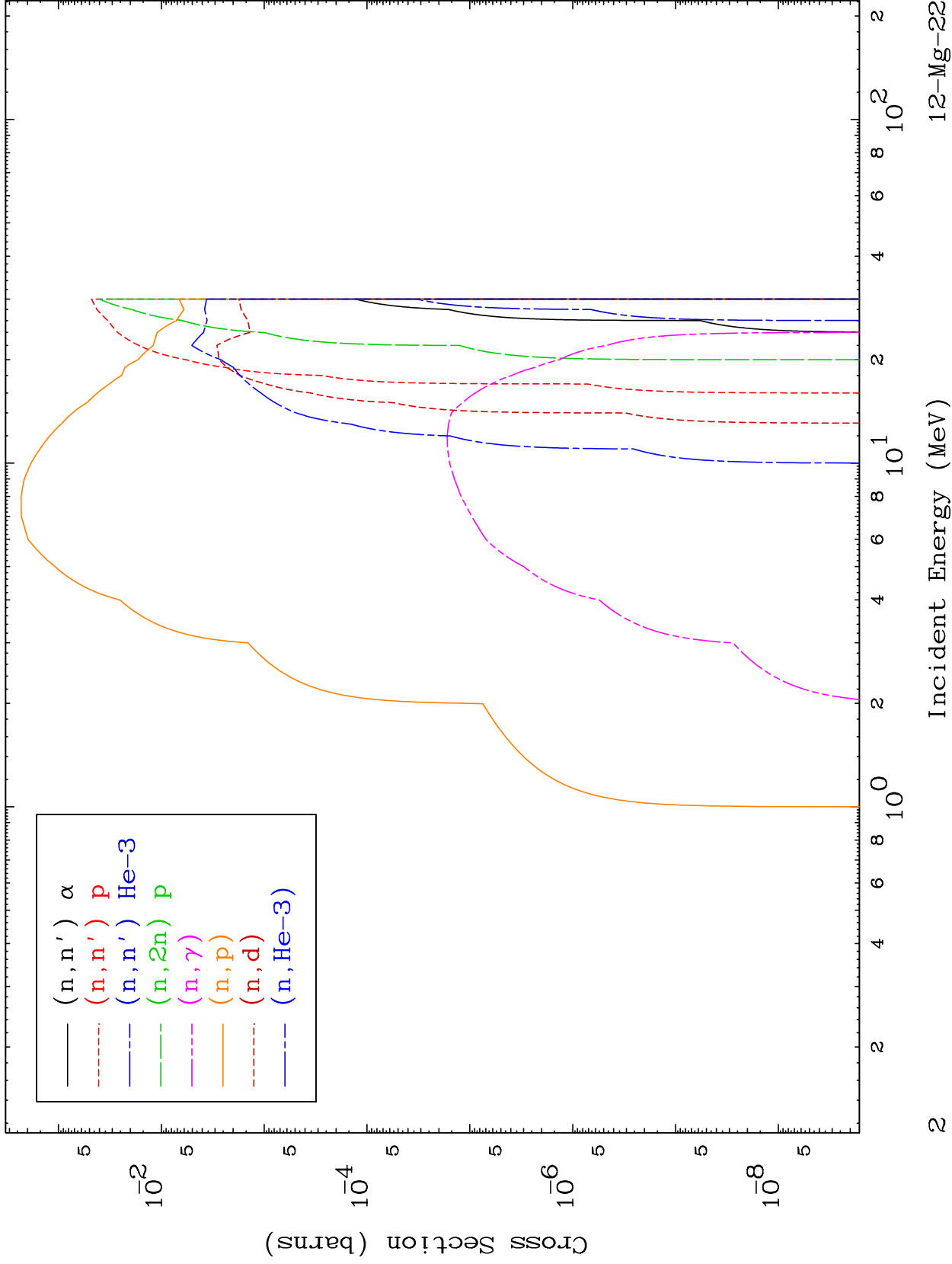
Press Mouse Button to Start

MAT 1219

0 Kelvin α Major Cross Sections

12-Mg-22

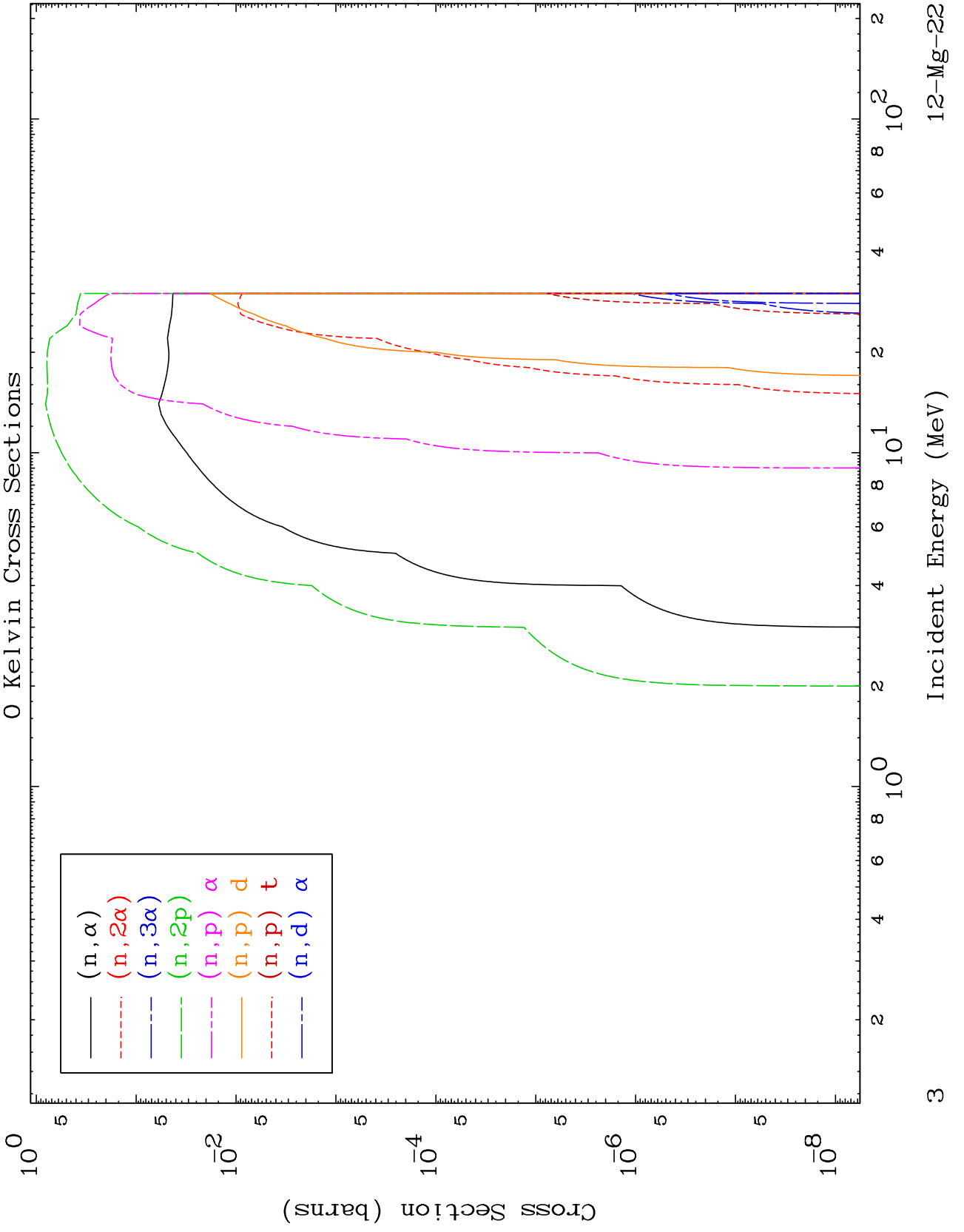




MAT 1219

12-Mg-22

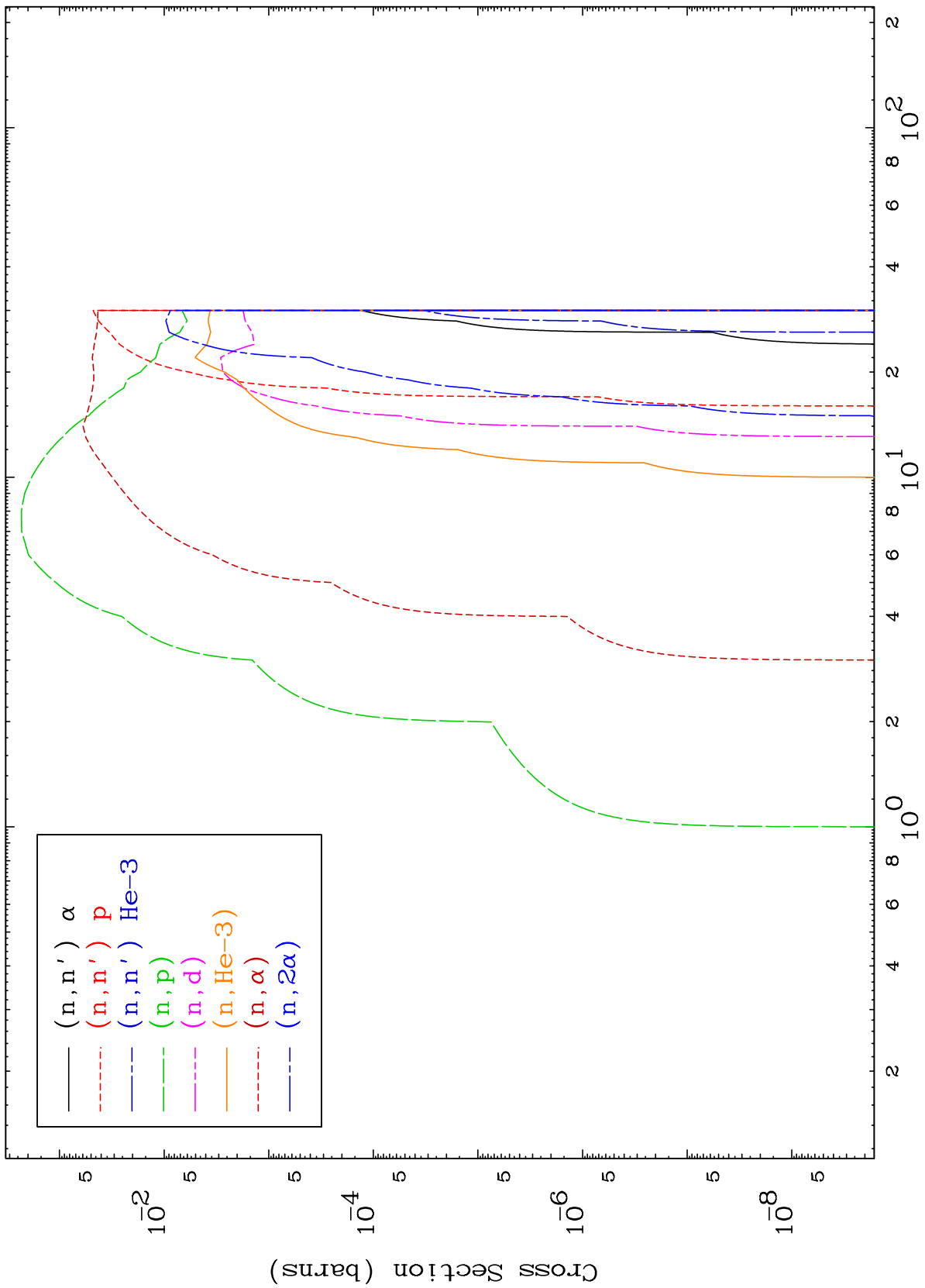
α Neutron Absorption
0 Kelvin Cross Sections



MAT 1219

α Charged Particle
0 Kelvin Cross Sections

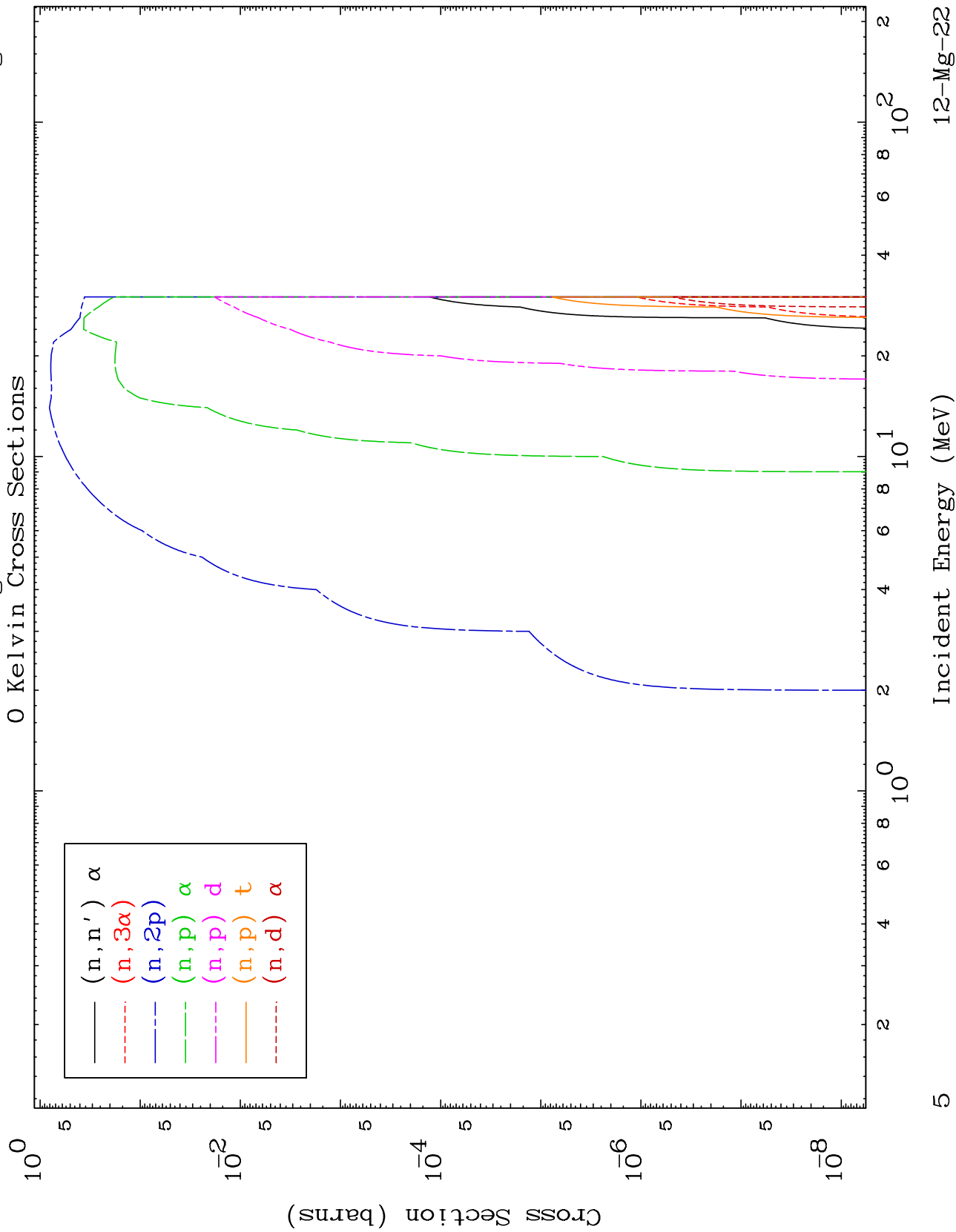
$^{12}\text{Mg-22}$



MAT 1219

α Charged Particle
0 Kelvin Cross Sections

$^{12}\text{Mg-22}$

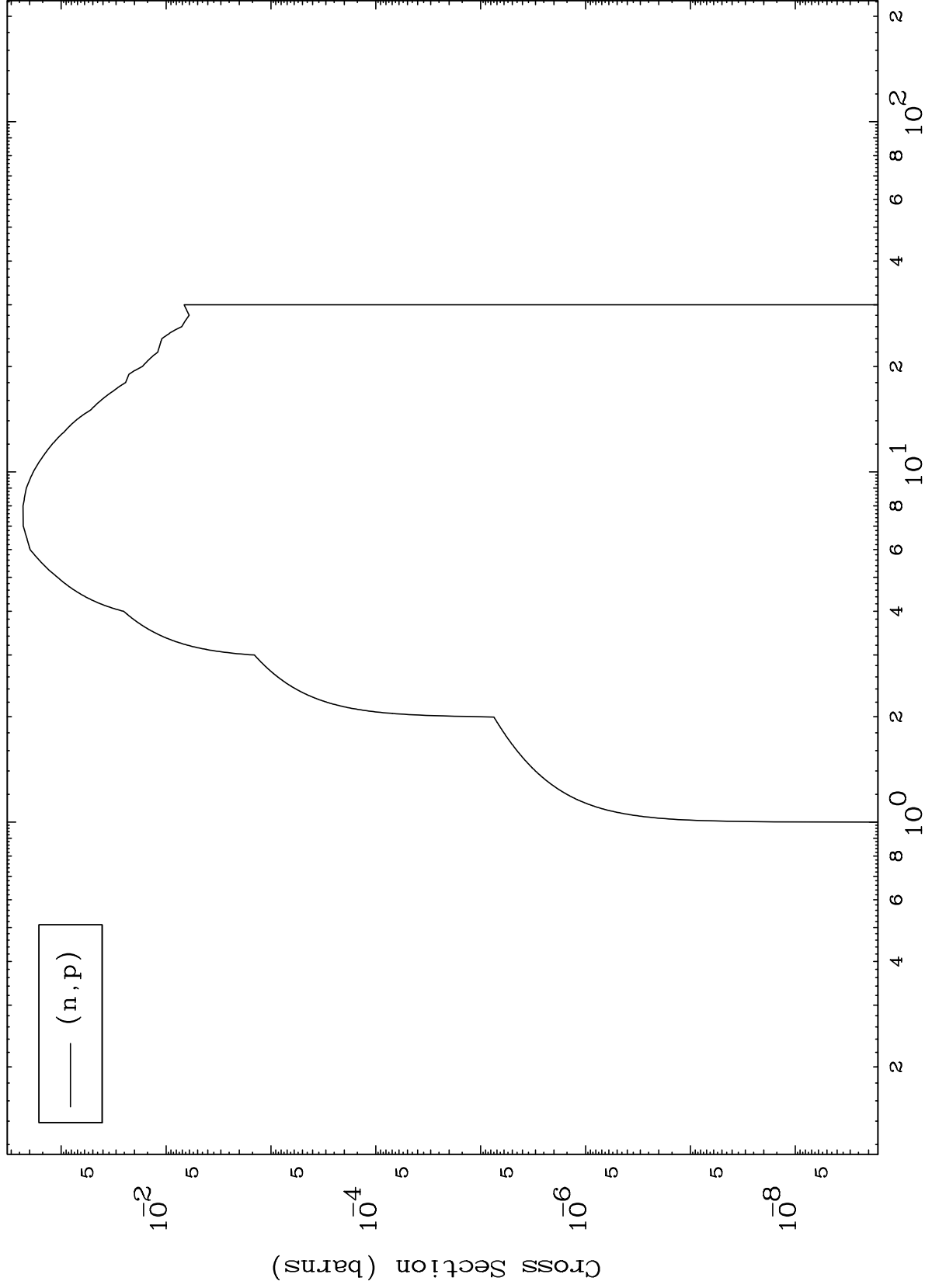


MAT 1219

(α, p) Levels

$^{12}\text{Mg-22}$

0 Kelvin Cross Sections



(n, p)

6

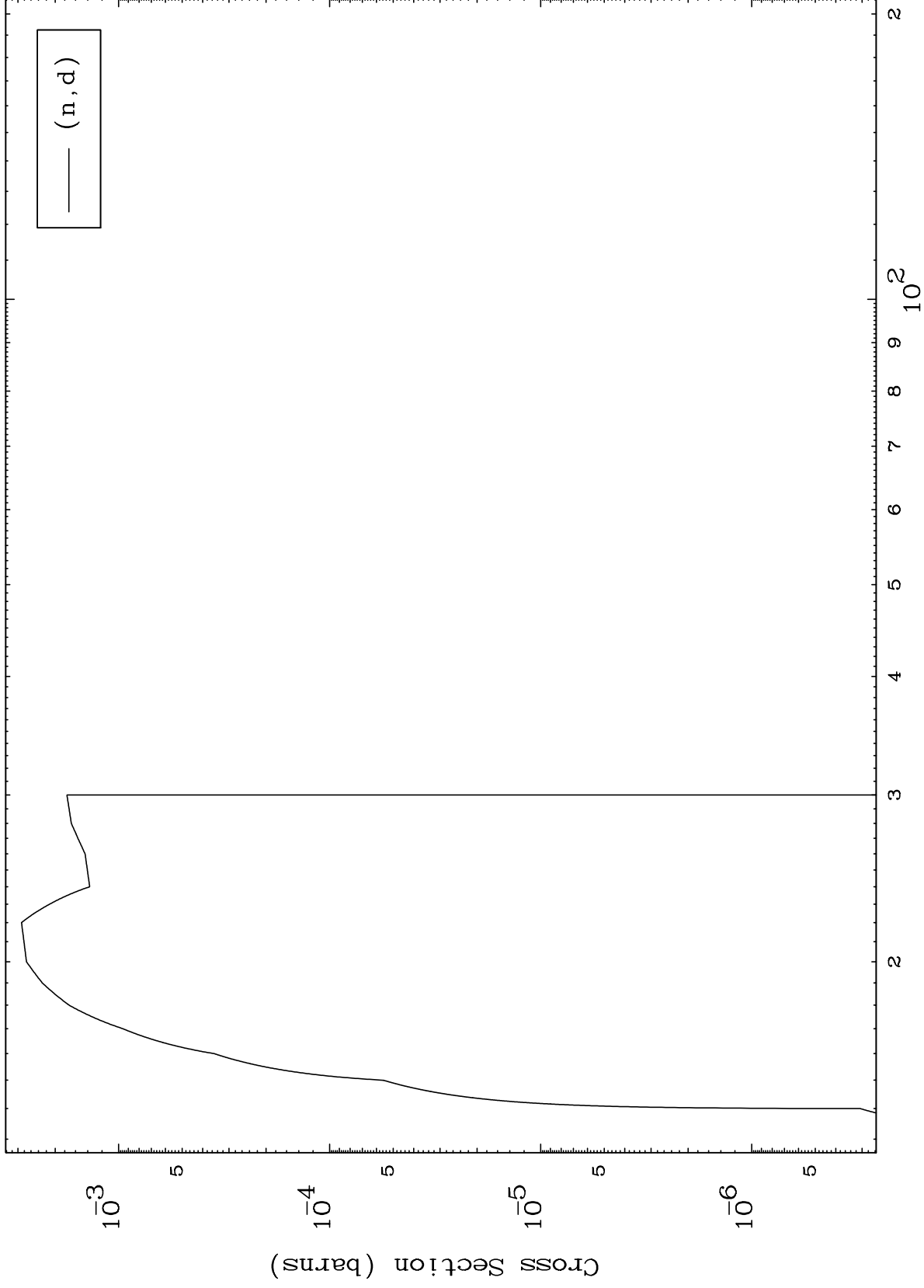
Incident Energy (MeV)

$^{12}\text{Mg-22}$

MAT 1219

(α, d) Levels
0 Kelvin Cross Sections

$^{12}\text{Mg-22}$



7

Incident Energy (MeV)

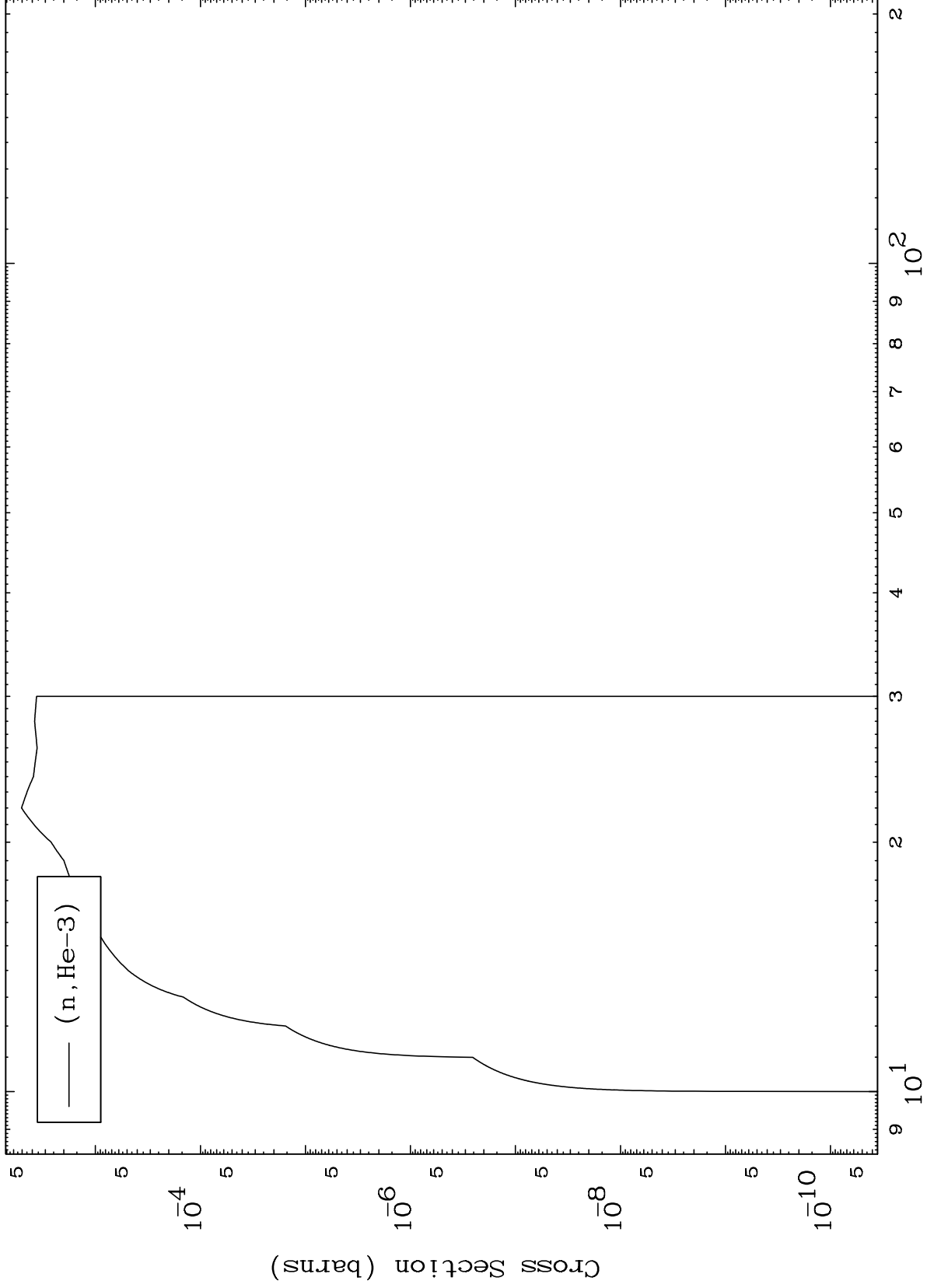
$^{12}\text{Mg-22}$

MAT 1219

($\alpha, \text{He3}$) Levels

12-Mg-22

0 Kelvin Cross Sections

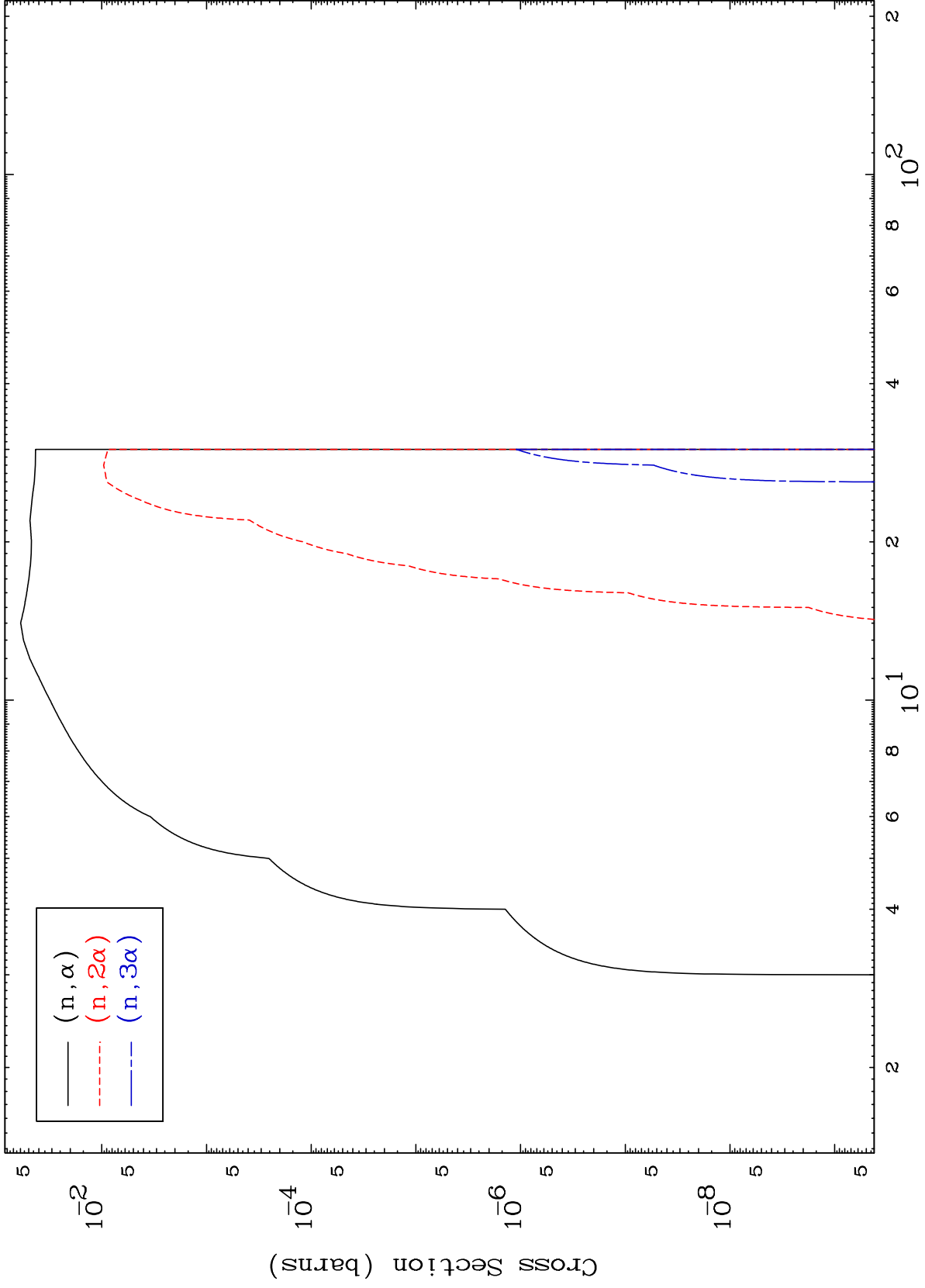


Incident Energy (MeV)

12-Mg-22

8

(α, α) Levels
0 Kelvin Cross Sections

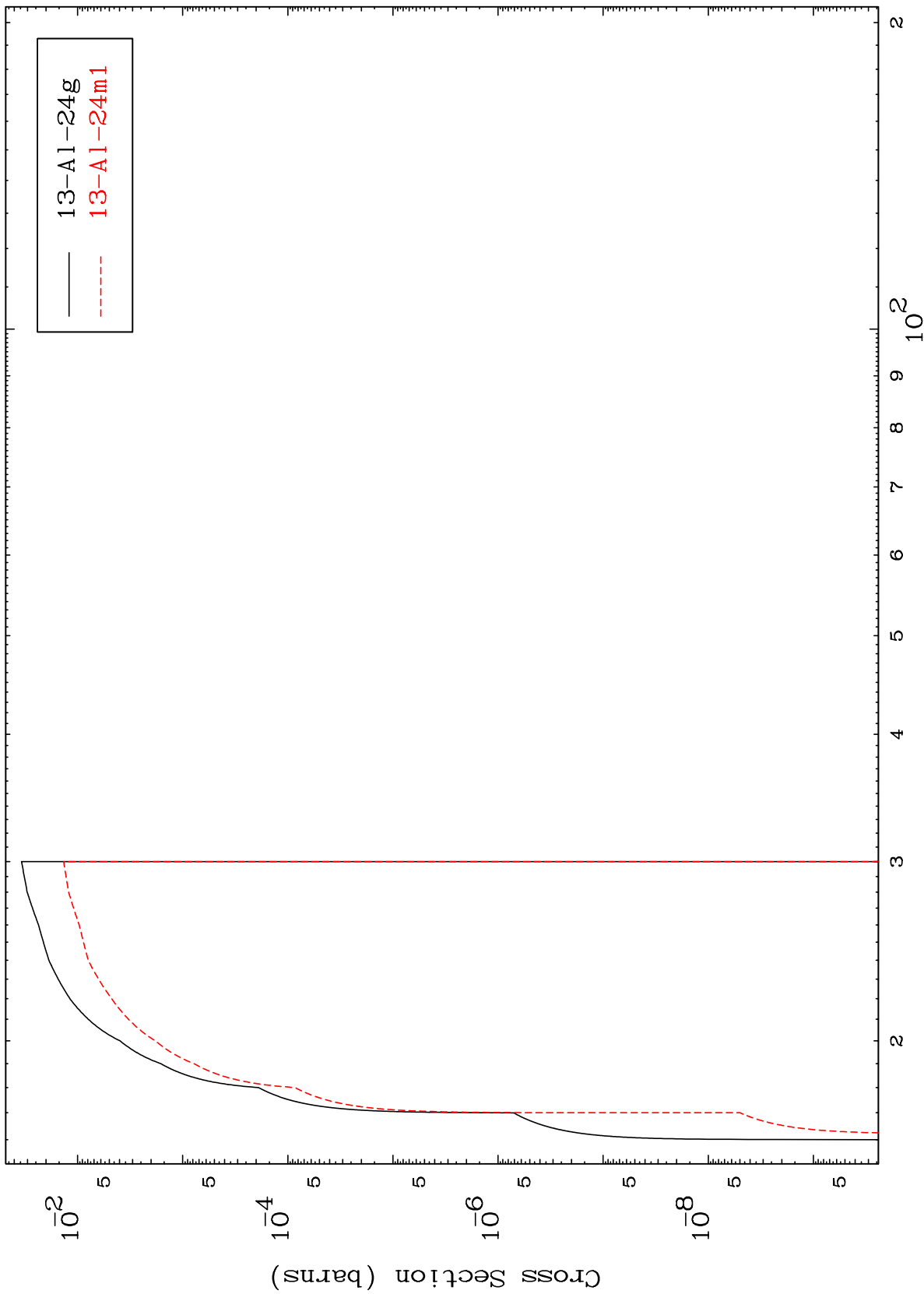


MAT 1219

(n, n') p

$^{12}\text{Mg}-22$

Radionuclide Production Cross Section



— $^{13}\text{Al}-24\text{g}$
- - - $^{13}\text{Al}-24\text{m1}$

10

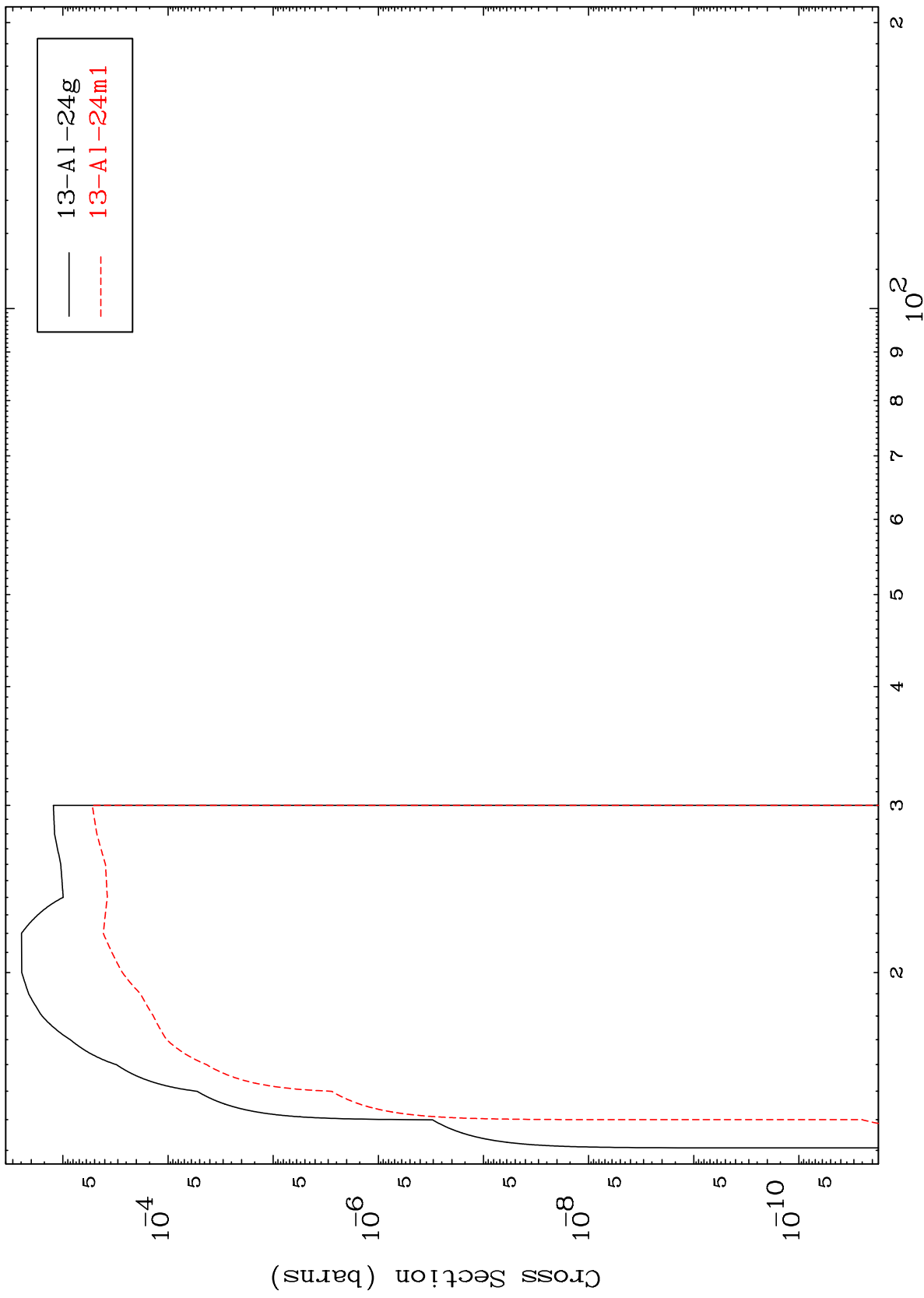
Incident Energy (MeV)

$^{12}\text{Mg}-22$

MAT 1219

12-Mg-22

(n,d)
Radionuclide Production Cross Section



11

Incident Energy (MeV)

12-Mg-22