

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

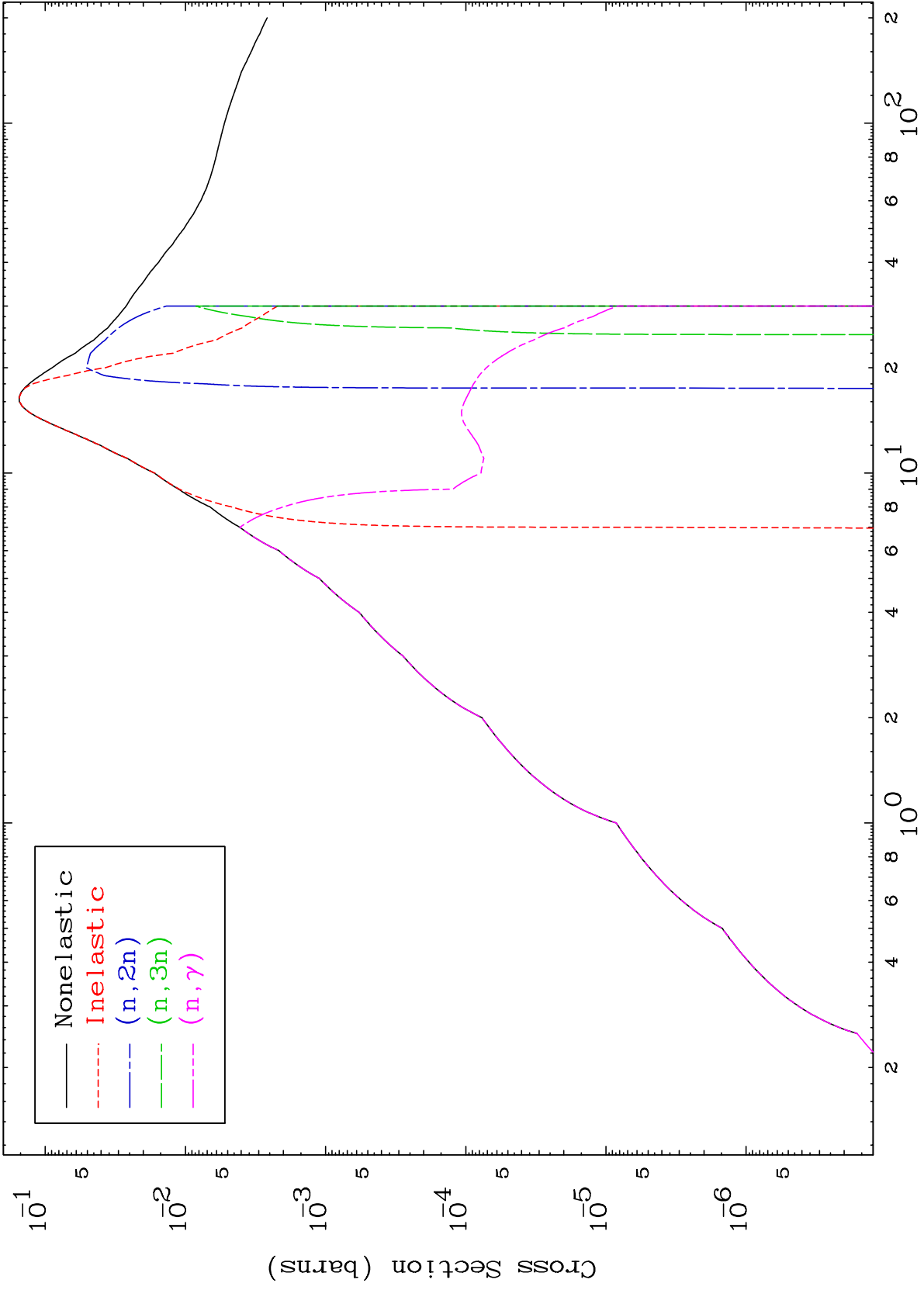
Press Mouse Button to Start

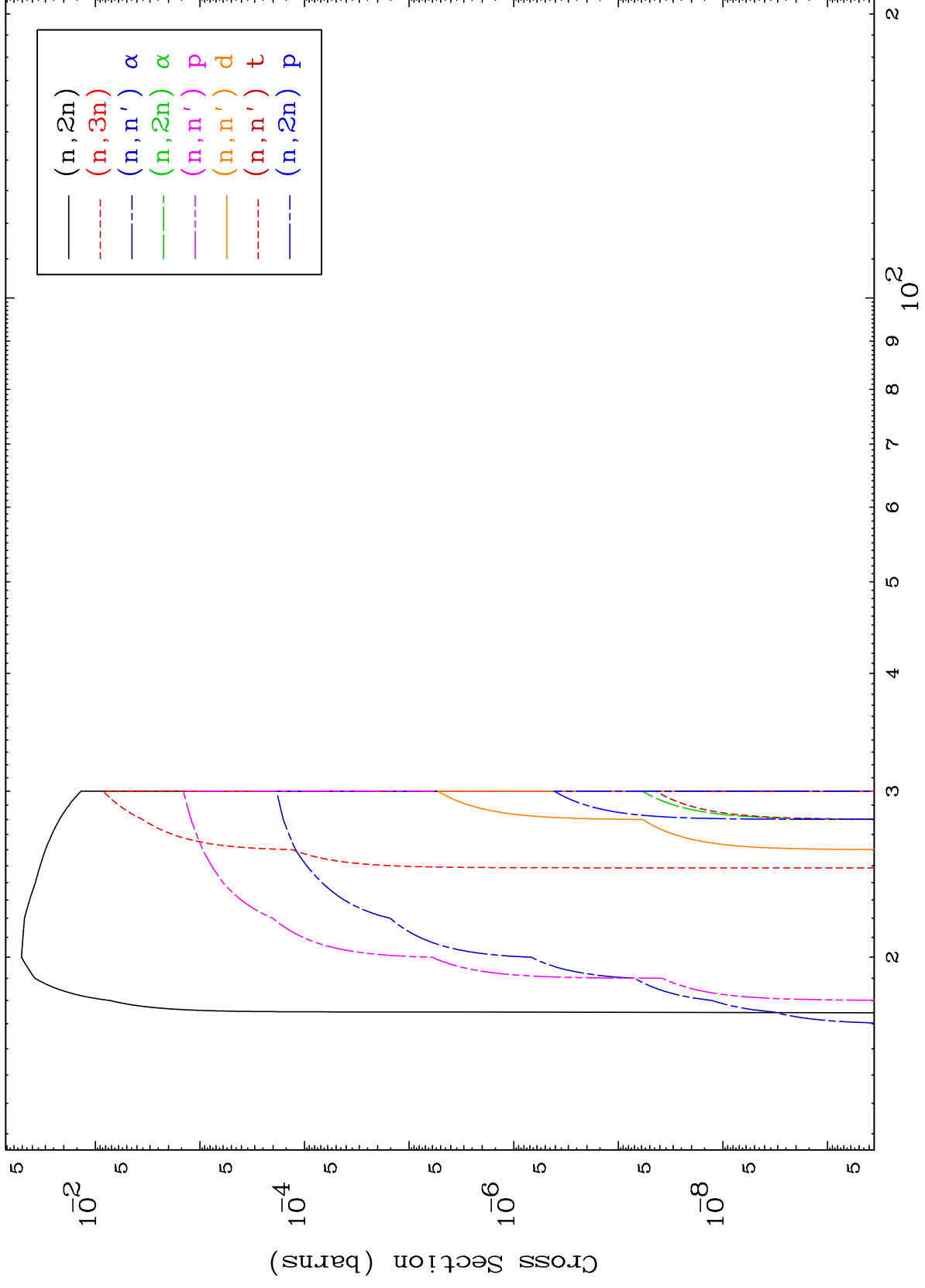
MAT 3440

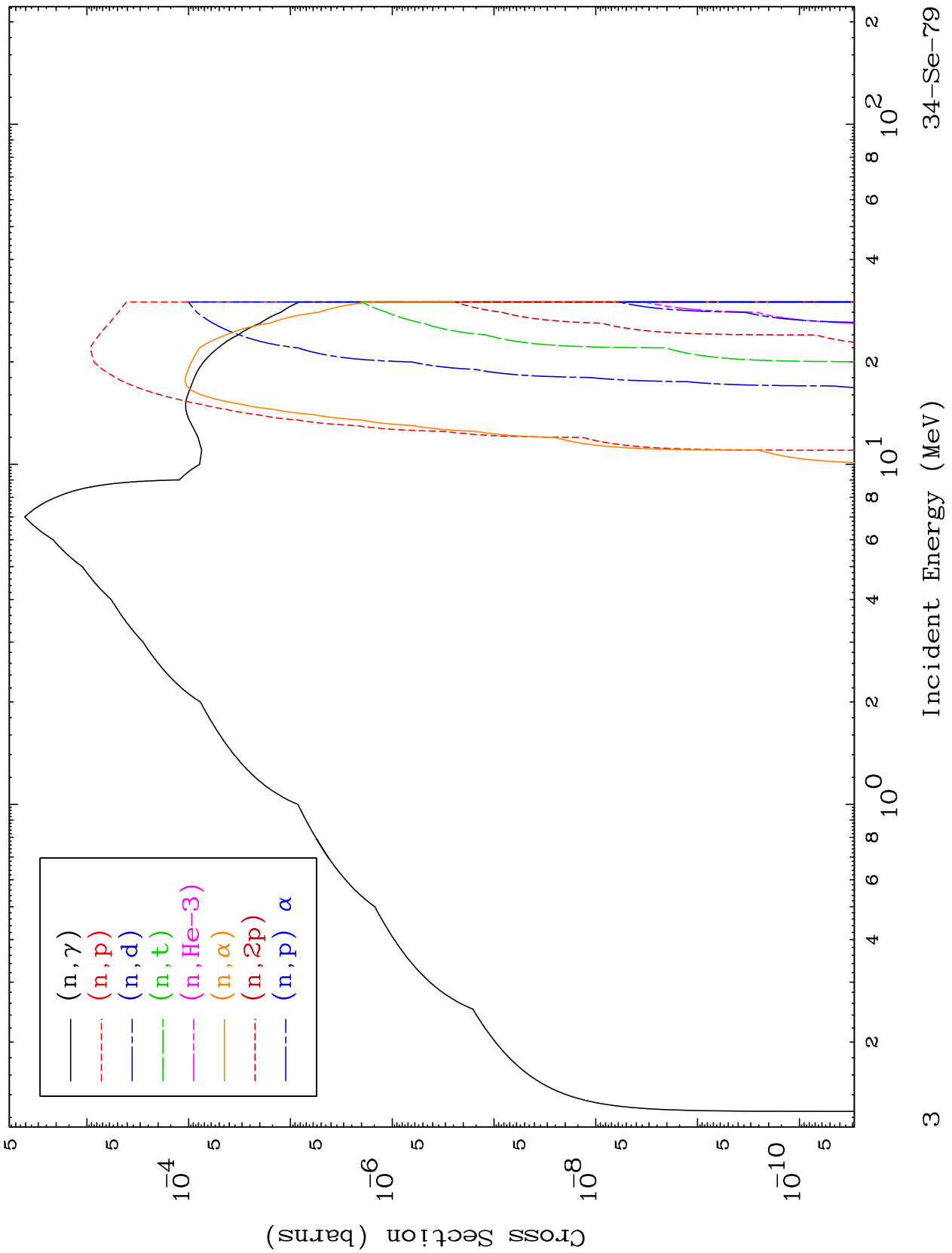
Photon Major

34-Se-79

0 Kelvin Cross Sections



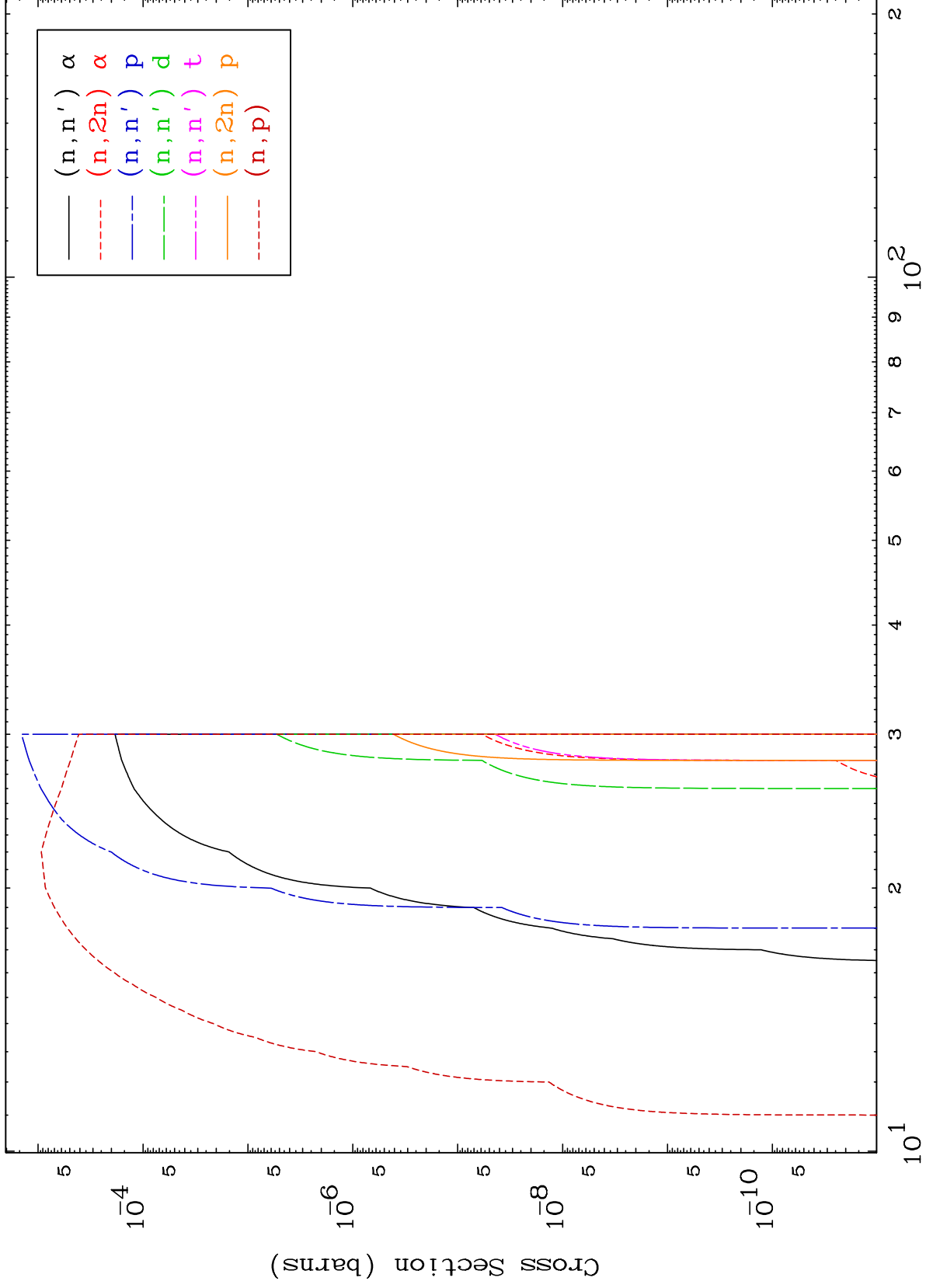




MAT 3440

Photon Charged Particle
0 Kelvin Cross Sections

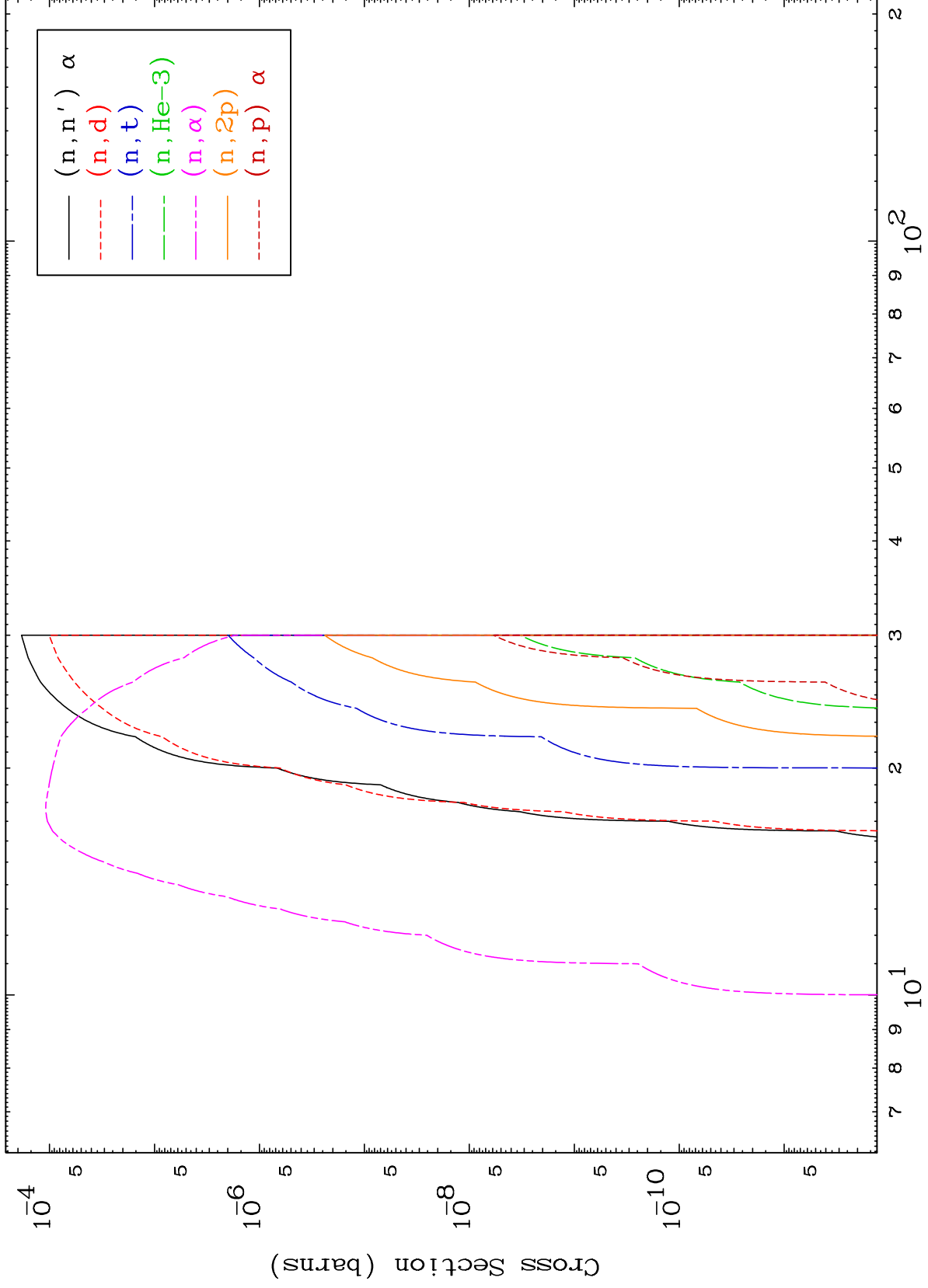
³⁴Se-79



³⁴Se-79

Incident Energy (MeV)

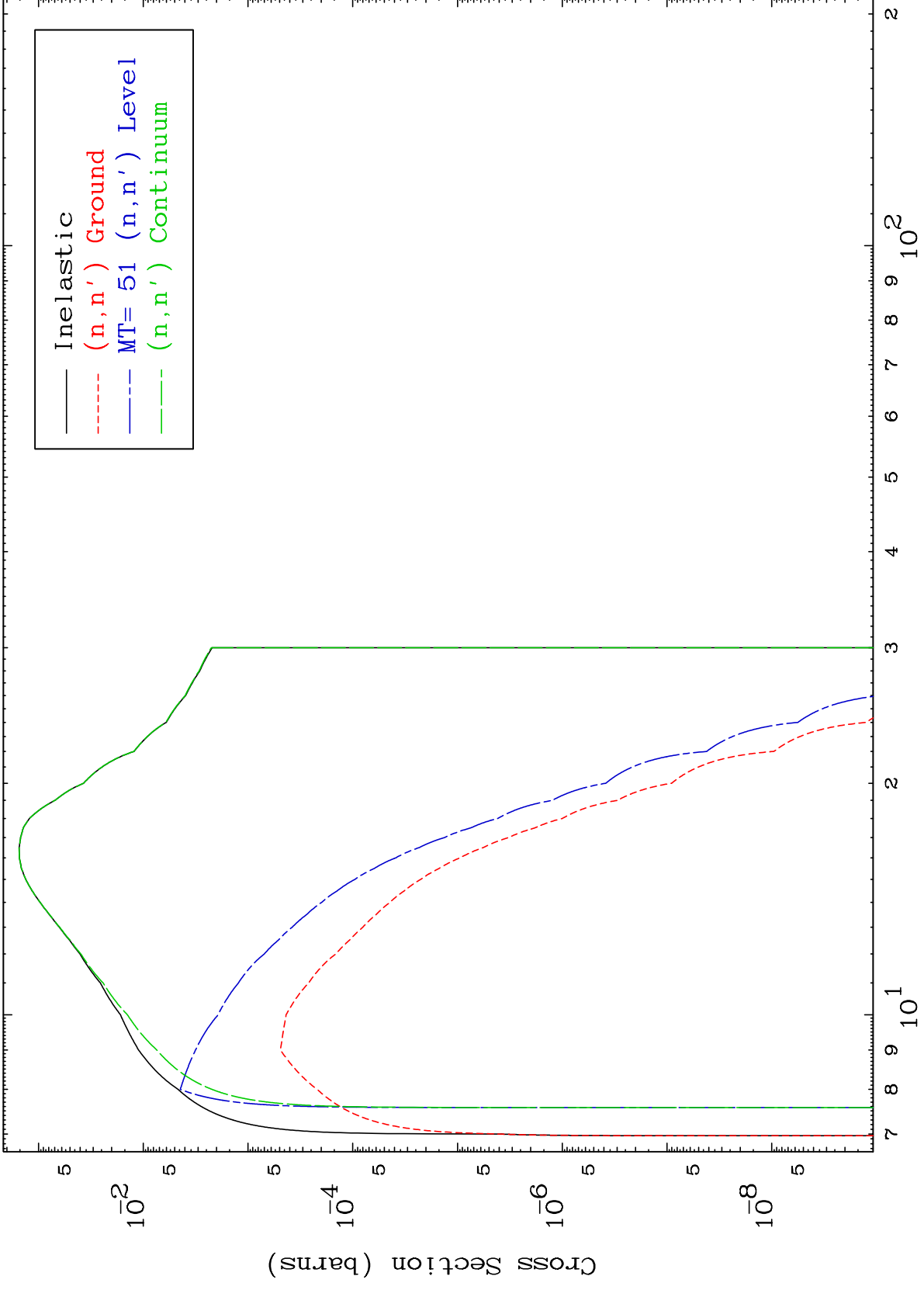
4



MAT 3440

³⁴Se-79

(γ, n') Levels
0 Kelvin Cross Sections



³⁴Se-79

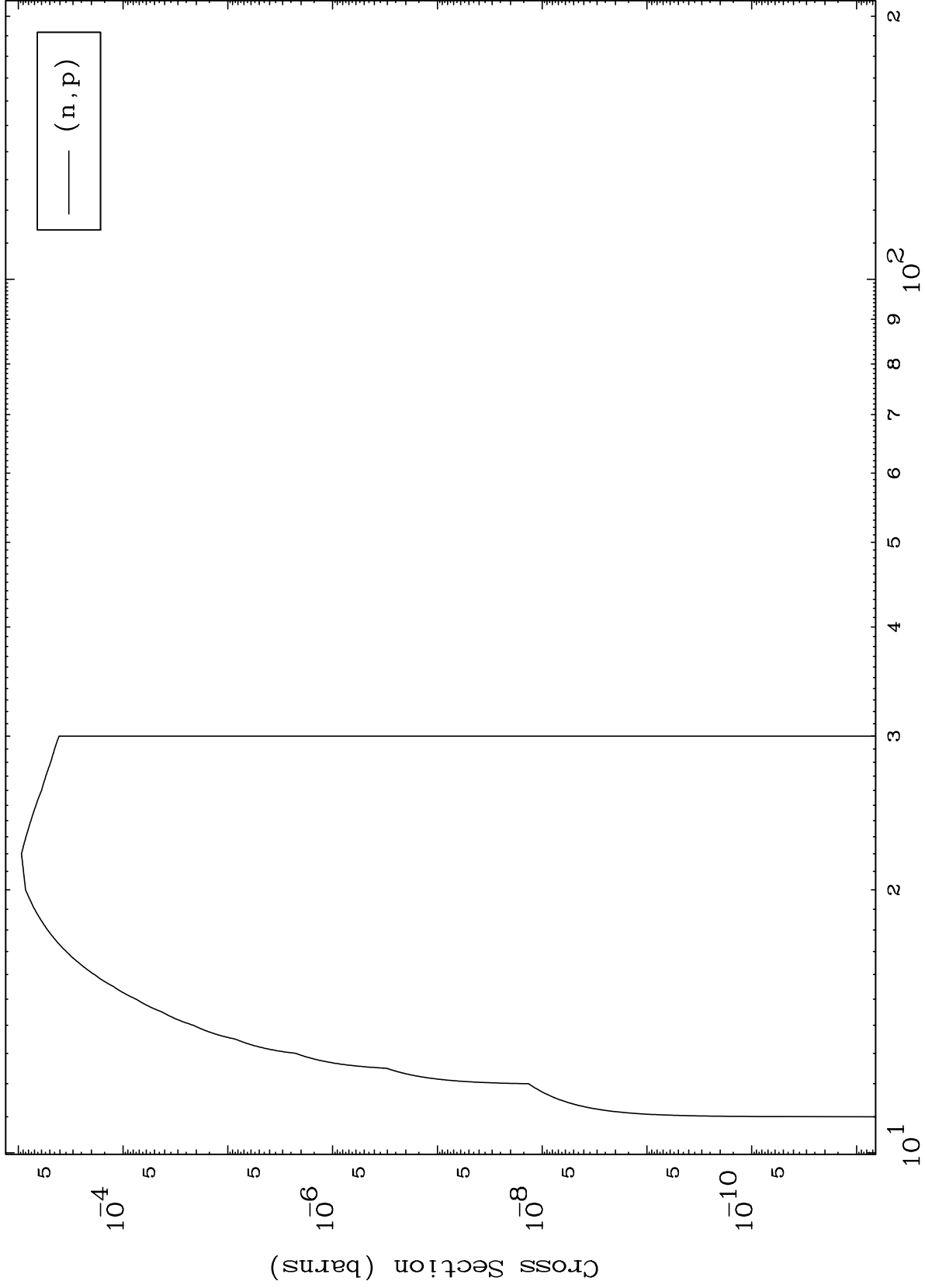
Incident Energy (MeV)

6

MAT 3440

(γ, p) Levels
0 Kelvin Cross Sections

³⁴Se-79



³⁴Se-79

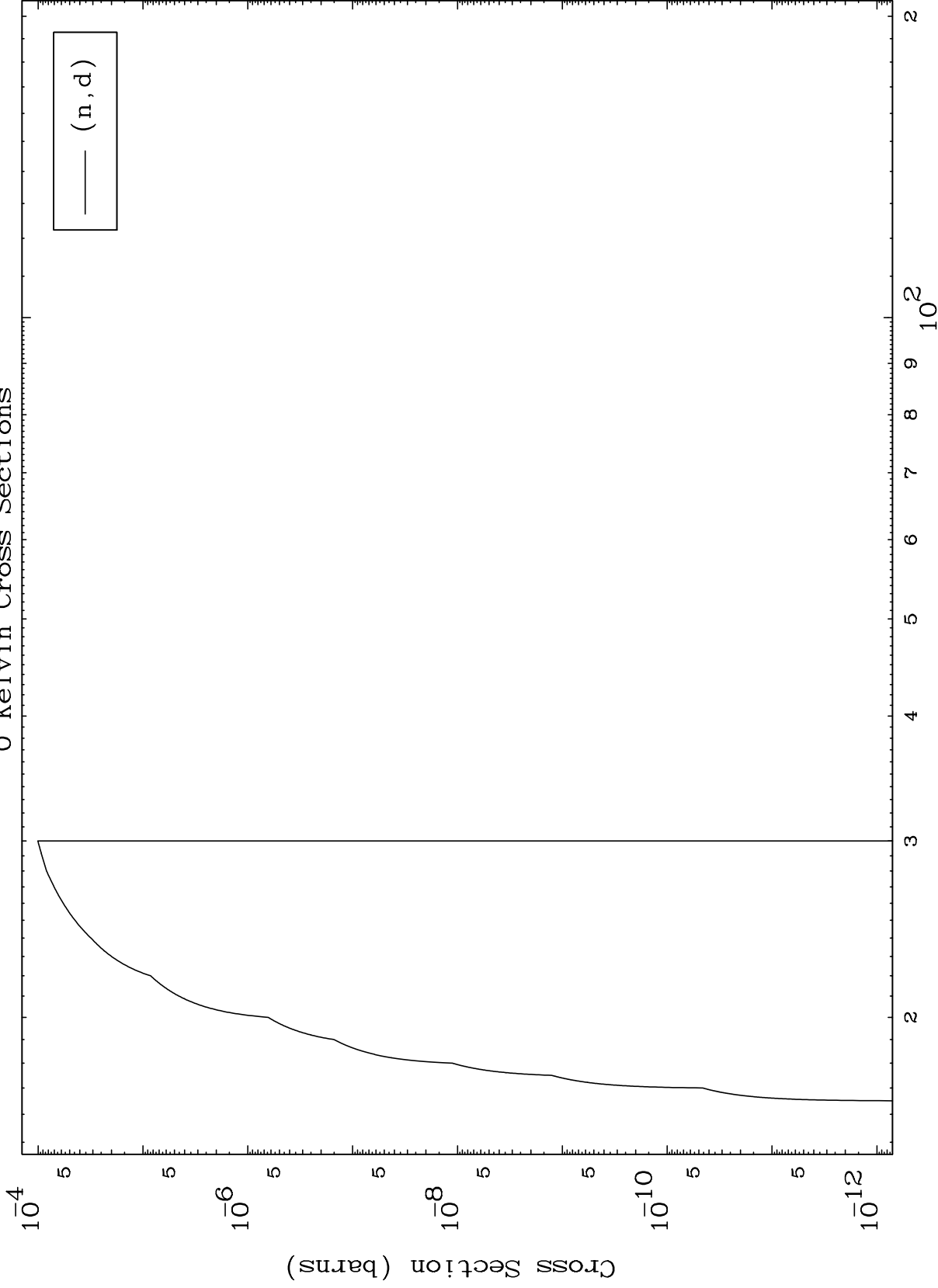
Incident Energy (MeV)

7

MAT 3440

(γ, d) Levels
0 Kelvin Cross Sections

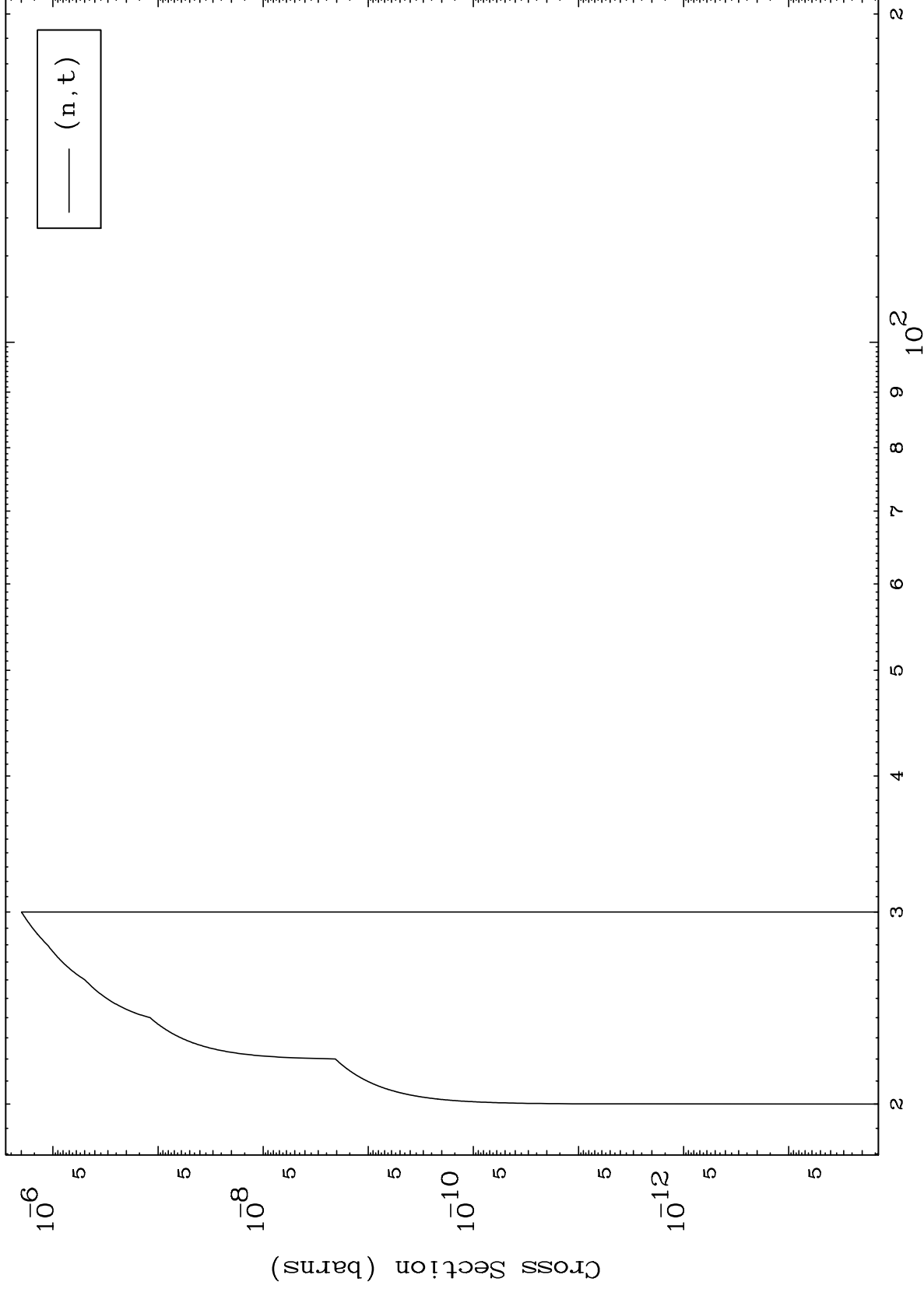
$^{34}\text{Se-79}$



8

Incident Energy (MeV)

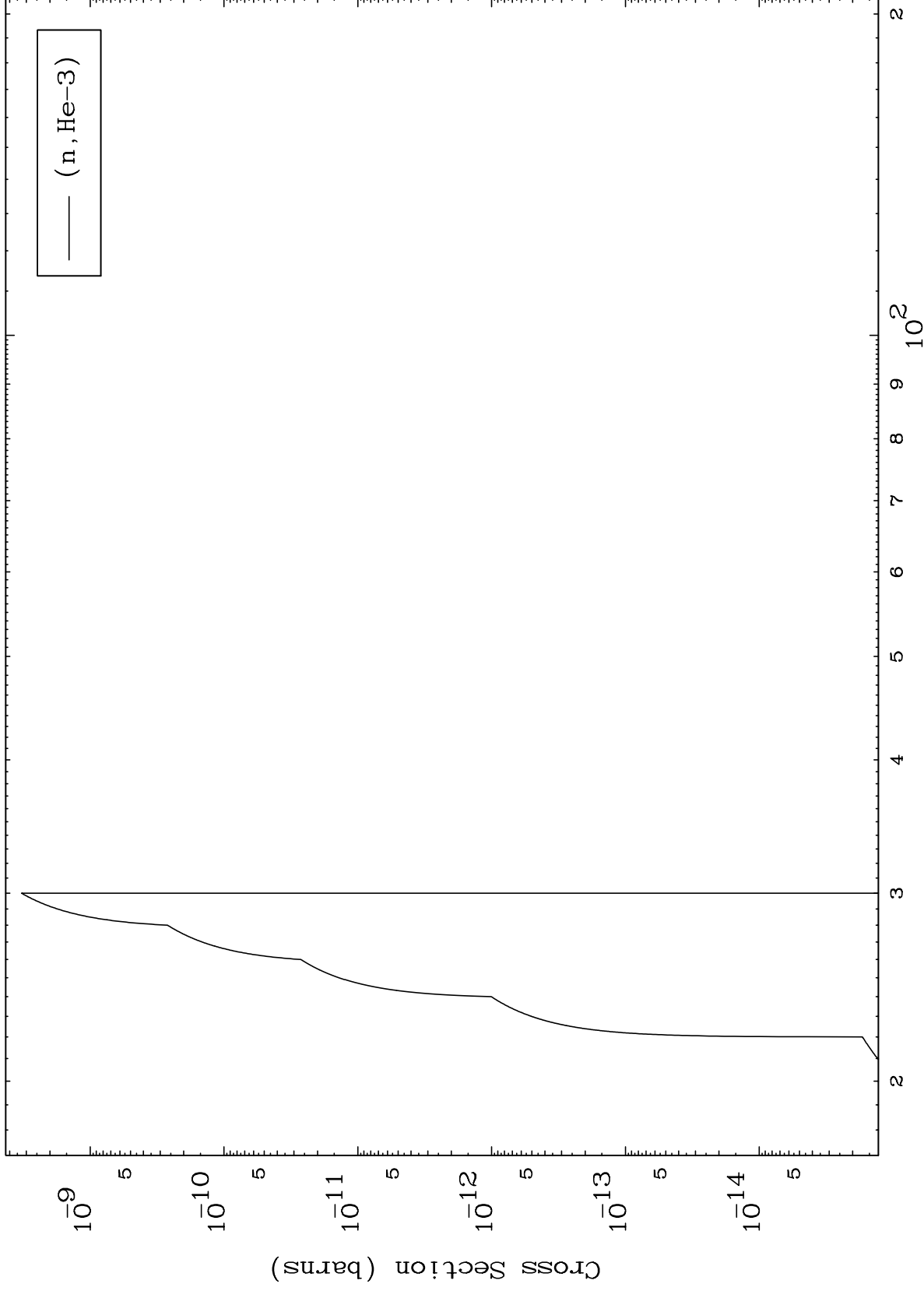
$^{34}\text{Se-79}$



MAT 3440

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

34-Se-79



10

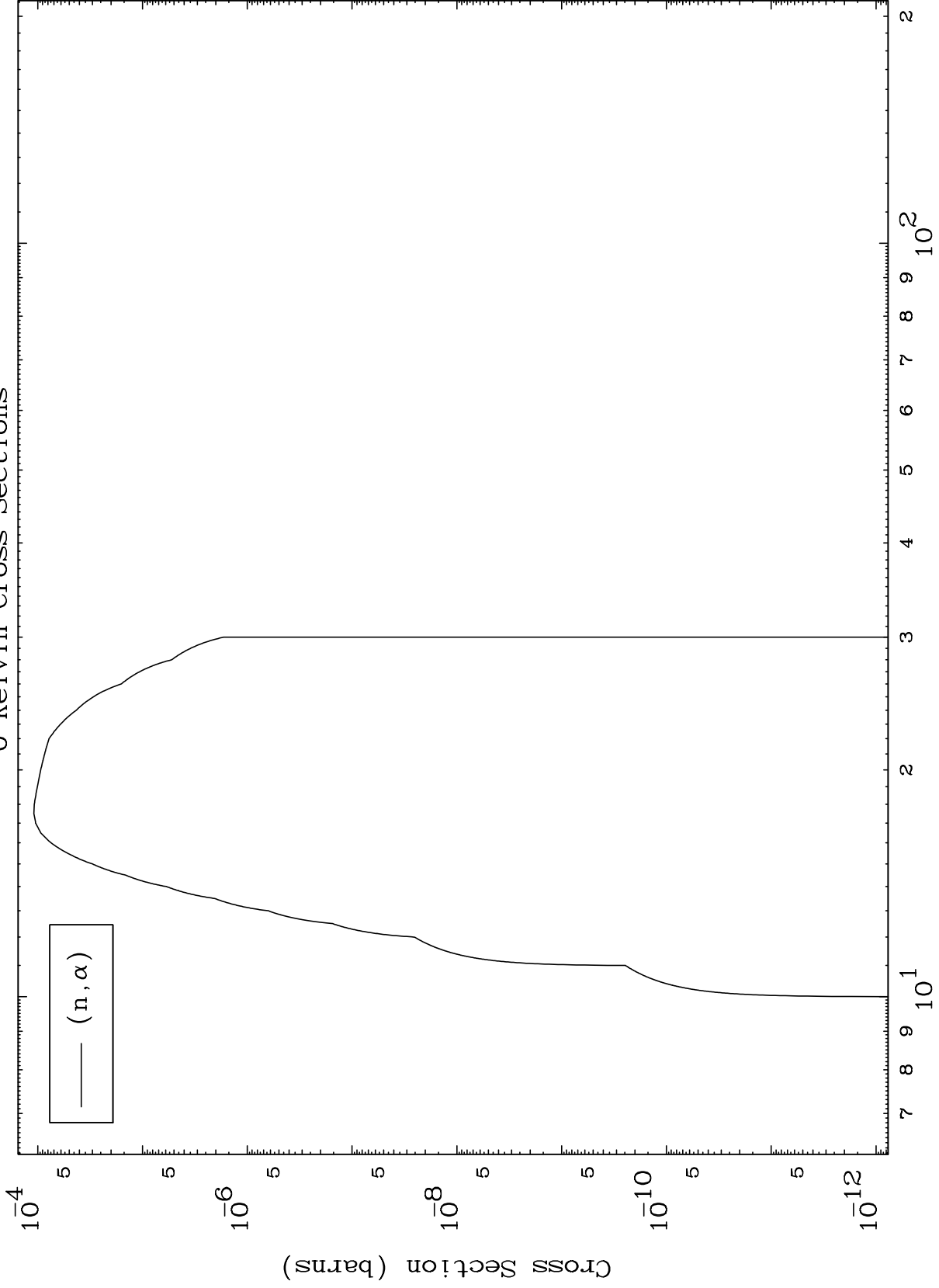
Incident Energy (MeV)

34-Se-79

MAT 3440

(γ, α) Levels
0 Kelvin Cross Sections

³⁴Se-79



11

Incident Energy (MeV)

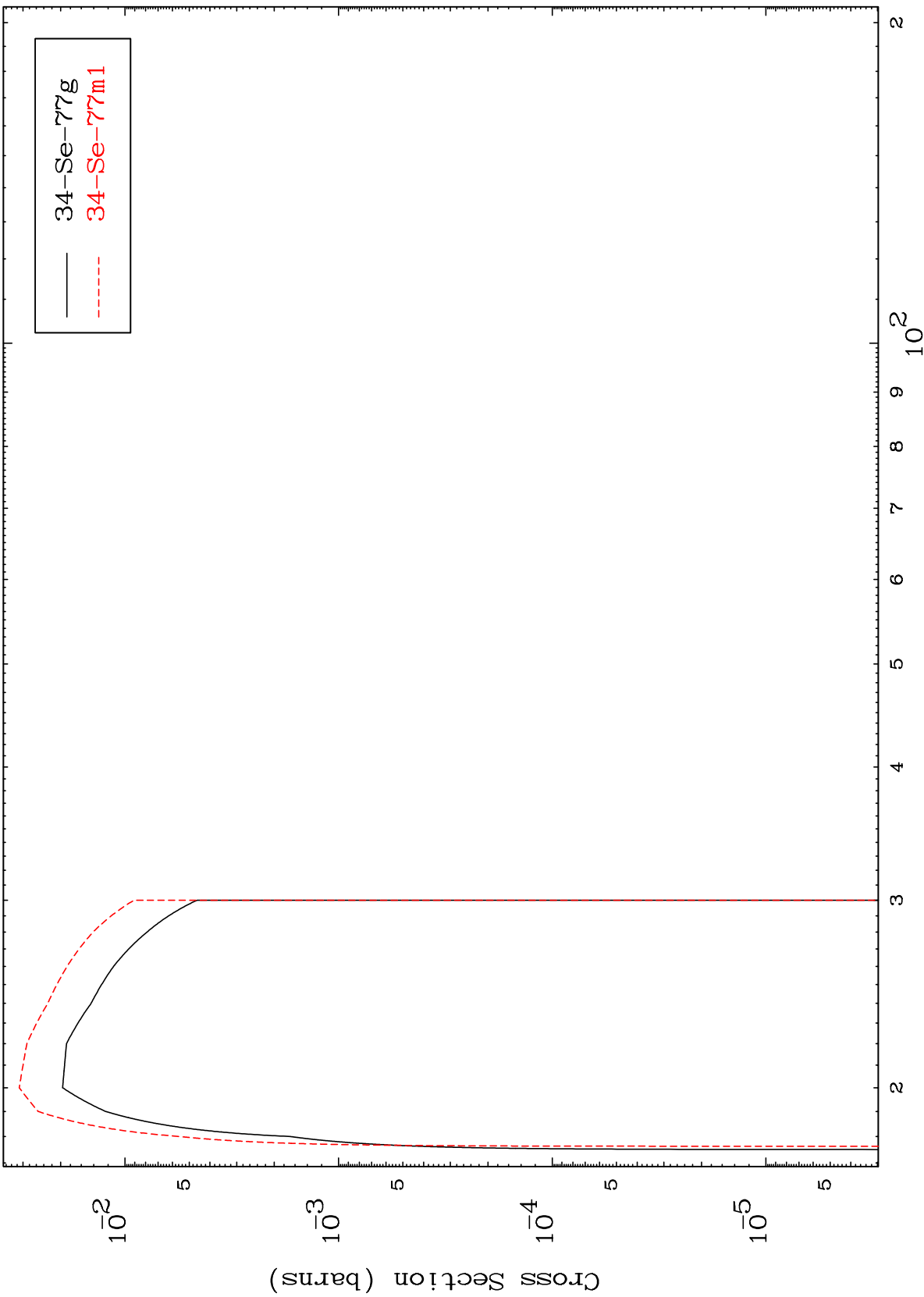
³⁴Se-79

MAT 3440

³⁴Se-79

(n,2n)

Radionuclide Production Cross Section



12

³⁴Se-79

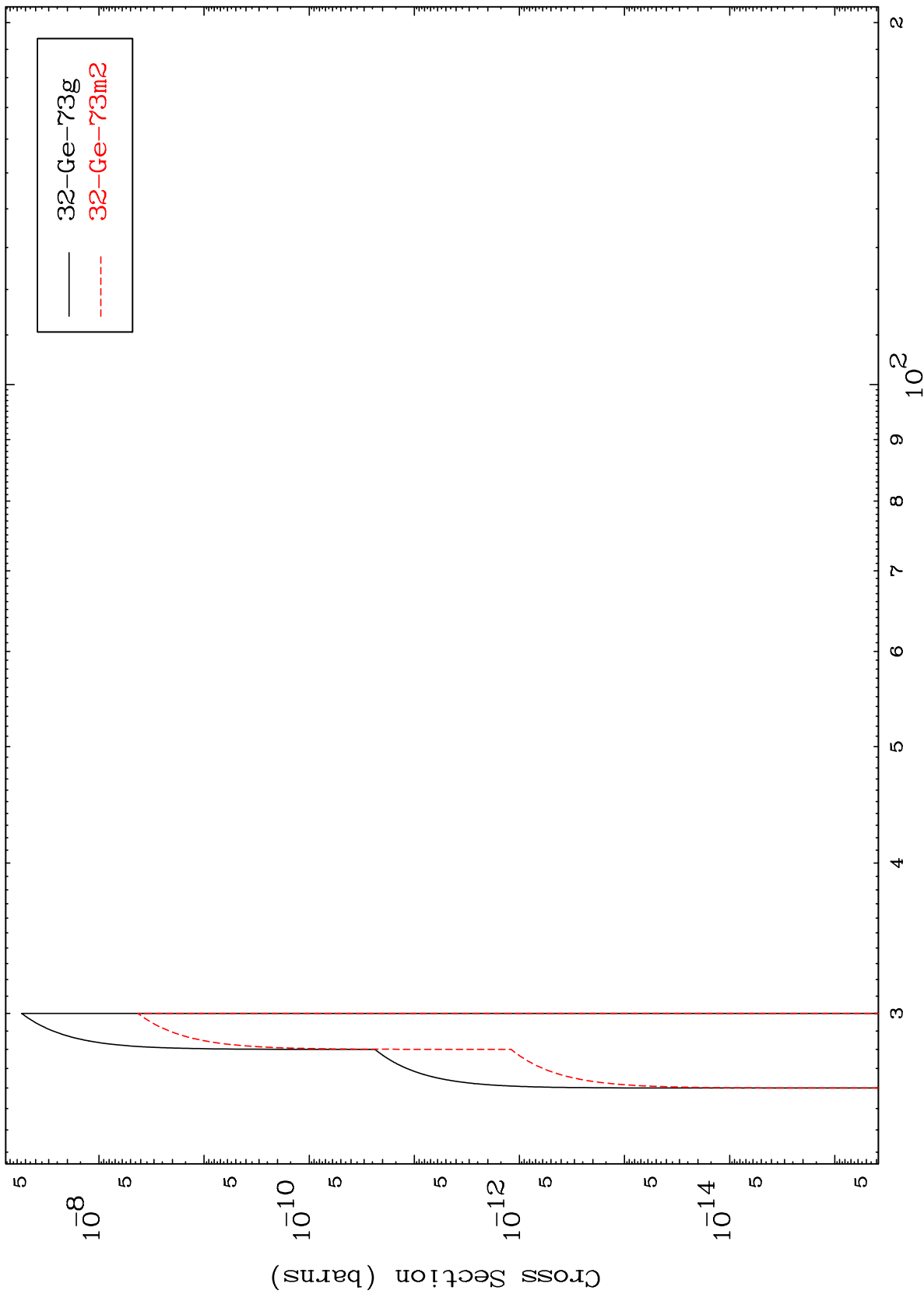
Incident Energy (MeV)

MAT 3440

$(n,2n) \alpha$

$^{34}\text{Se-79}$

Radionuclide Production Cross Section



13

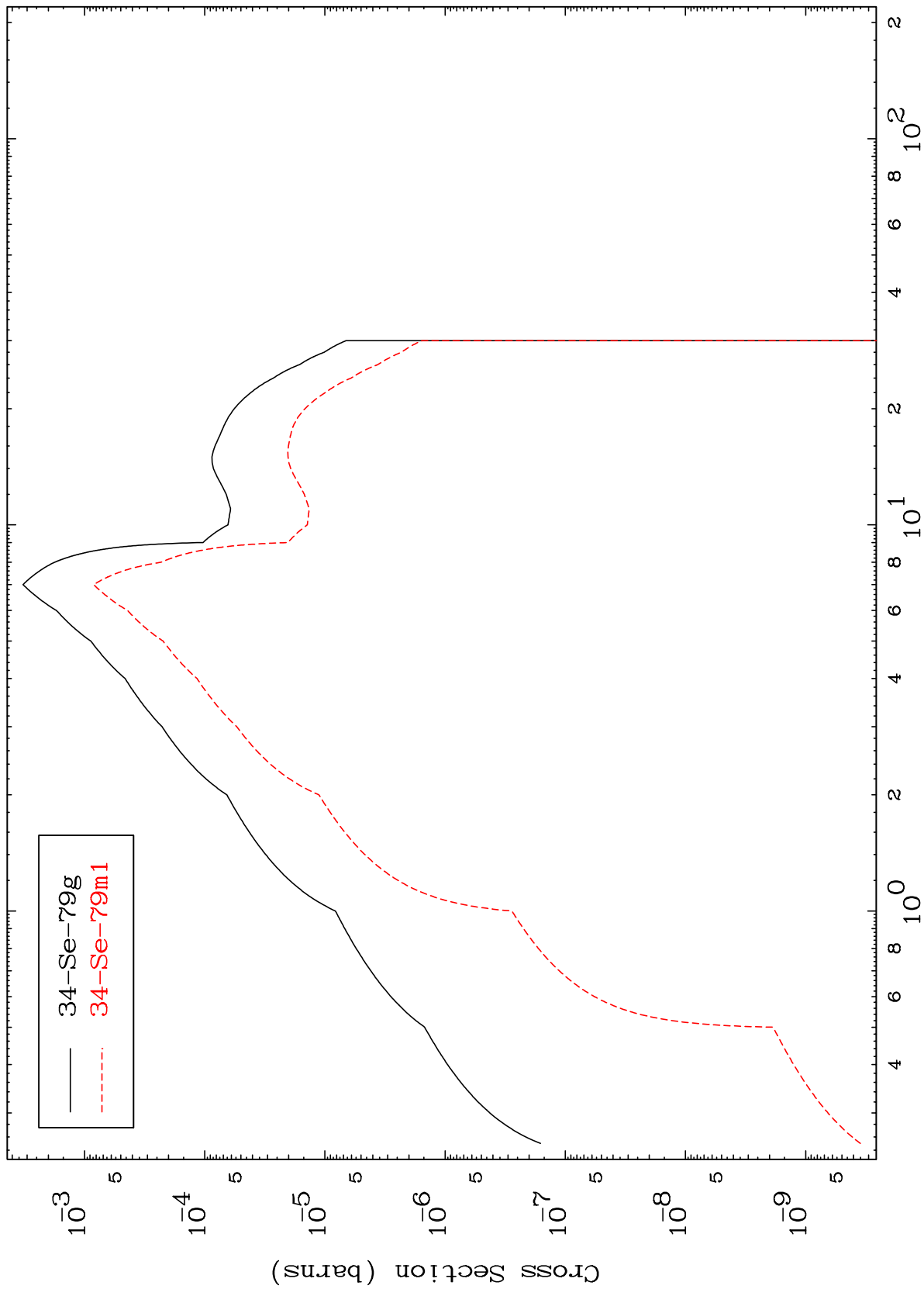
Incident Energy (MeV)

$^{34}\text{Se-79}$

MAT 3440

³⁴Se-79

Radionuclide Production Cross Section (n,γ)



— 34-Se-79g
- - - 34-Se-79m1

14

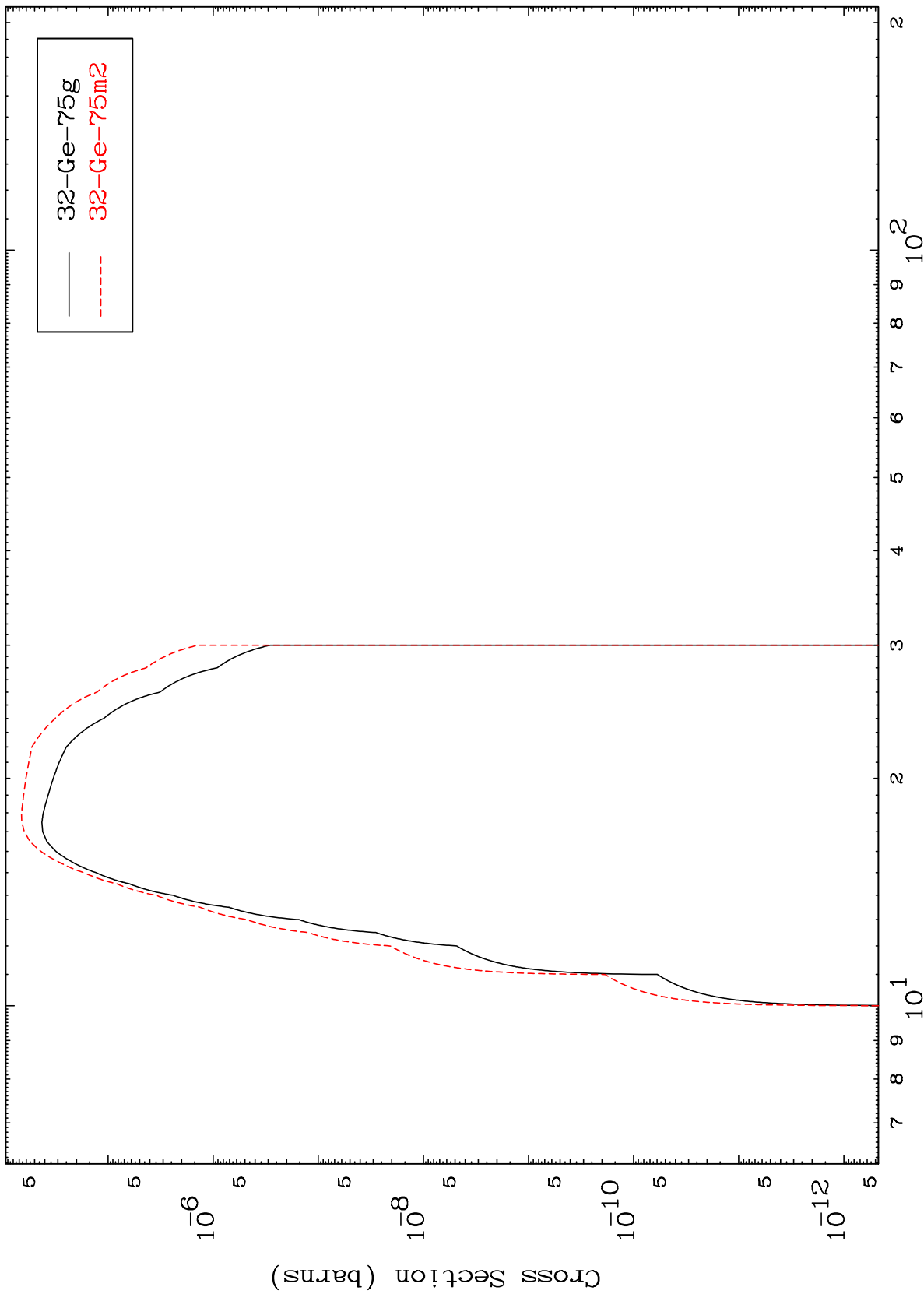
³⁴Se-79

Incident Energy (MeV)

MAT 3440

34-^{Se}-79

(n,α)
Radionuclide Production Cross Section



15

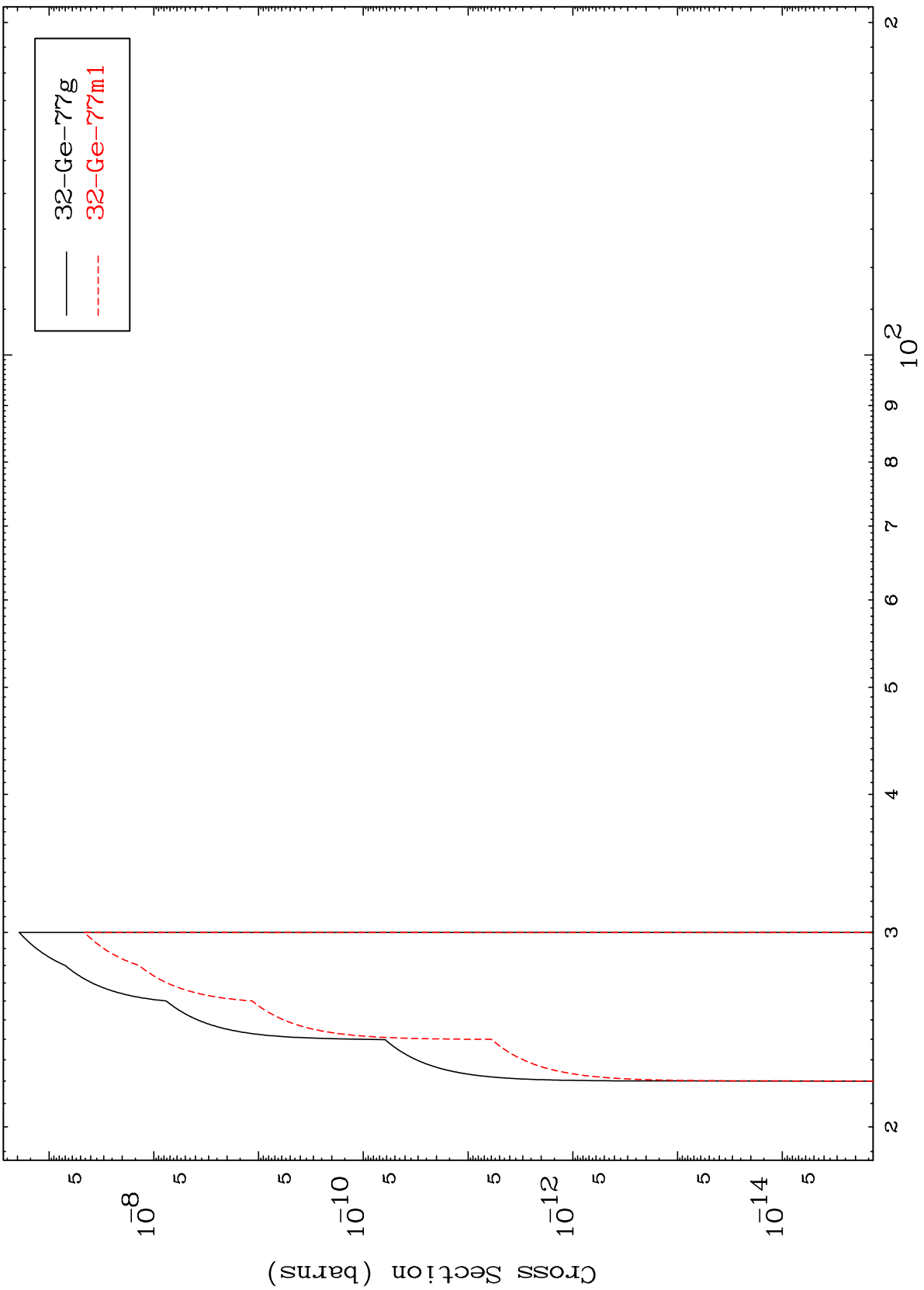
Incident Energy (MeV)

34-^{Se}-79

MAT 3440

³⁴Se-79

(n,2p)
Radionuclide Production Cross Section



16

Incident Energy (MeV)

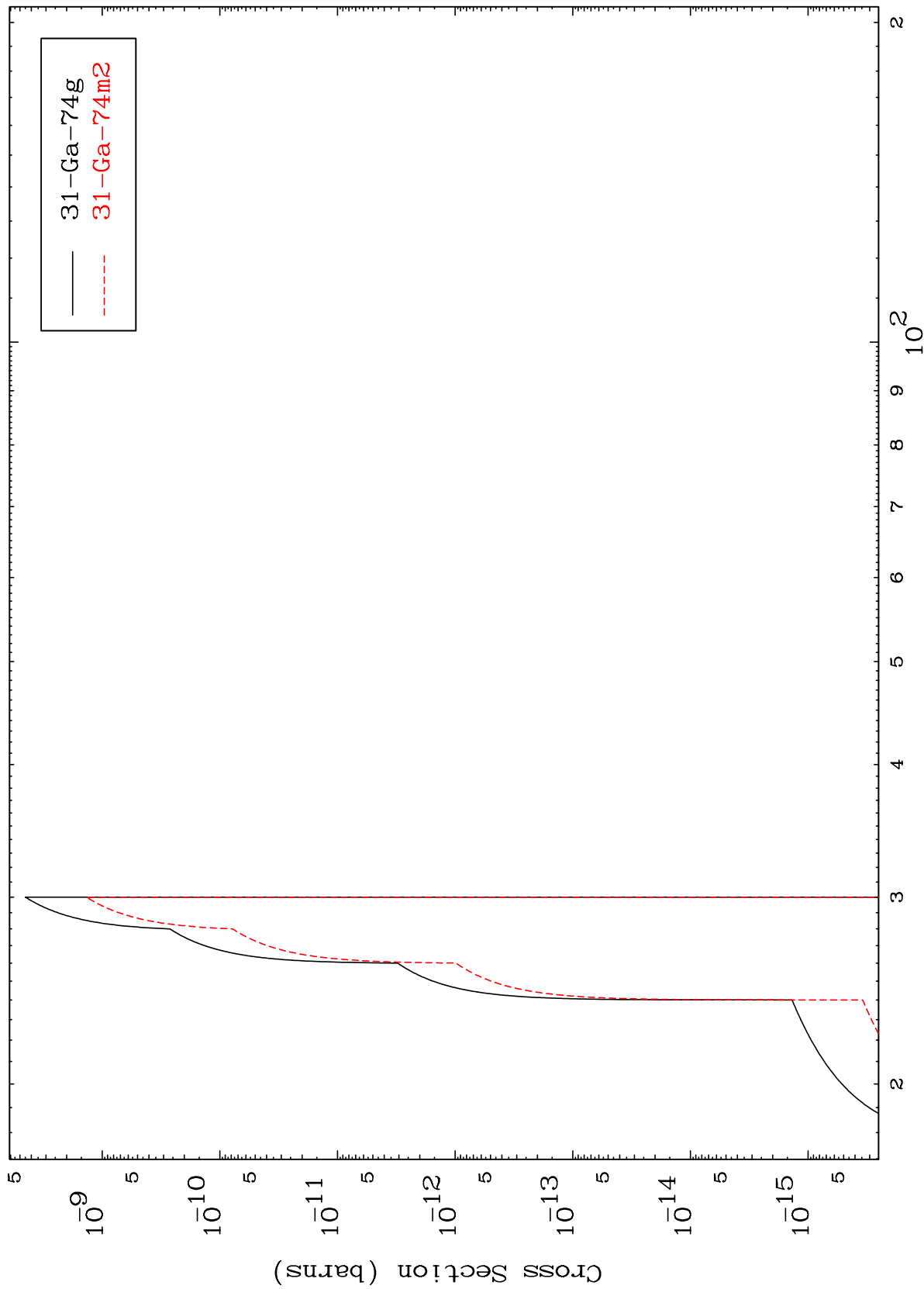
³⁴Se-79

MAT 3440

(n,p) α

³⁴Se-79

Radionuclide Production Cross Section



31-Ga-74g
31-Ga-74m2

17

Incident Energy (MeV)

³⁴Se-79