

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

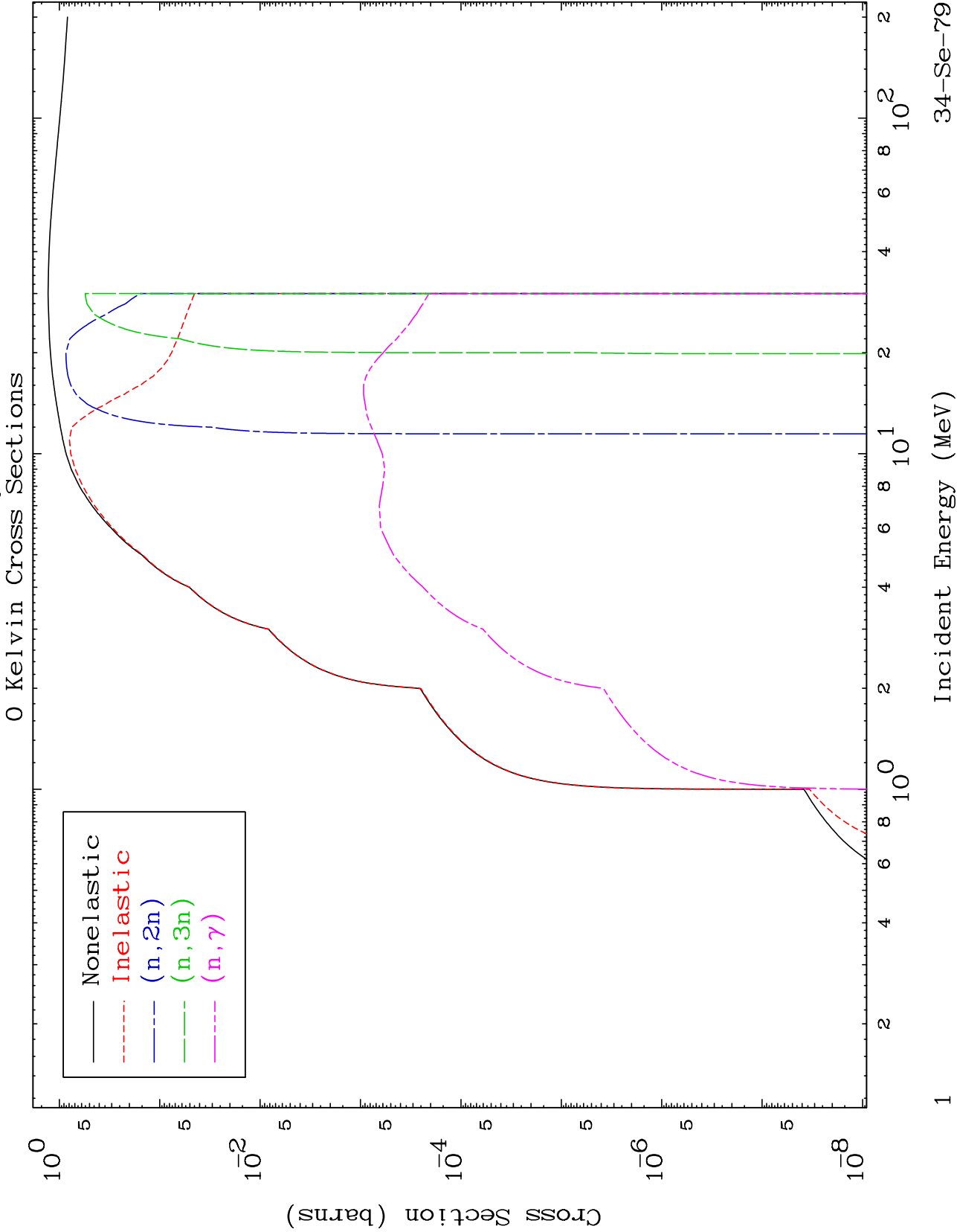
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3440

Proton Major

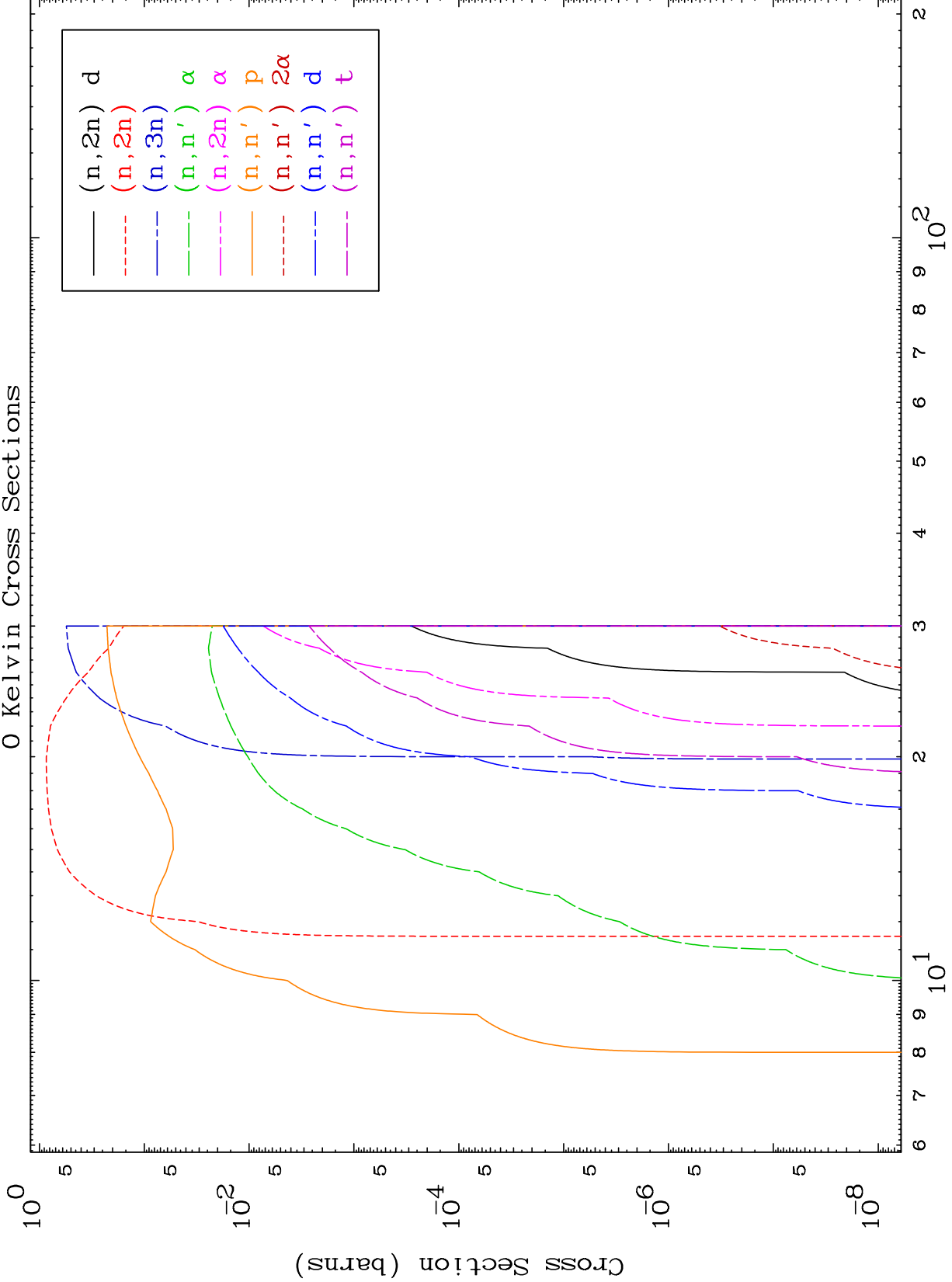
³⁴Se-79



MAT 3440

Proton Neutron Absorption
0 Kelvin Cross Sections

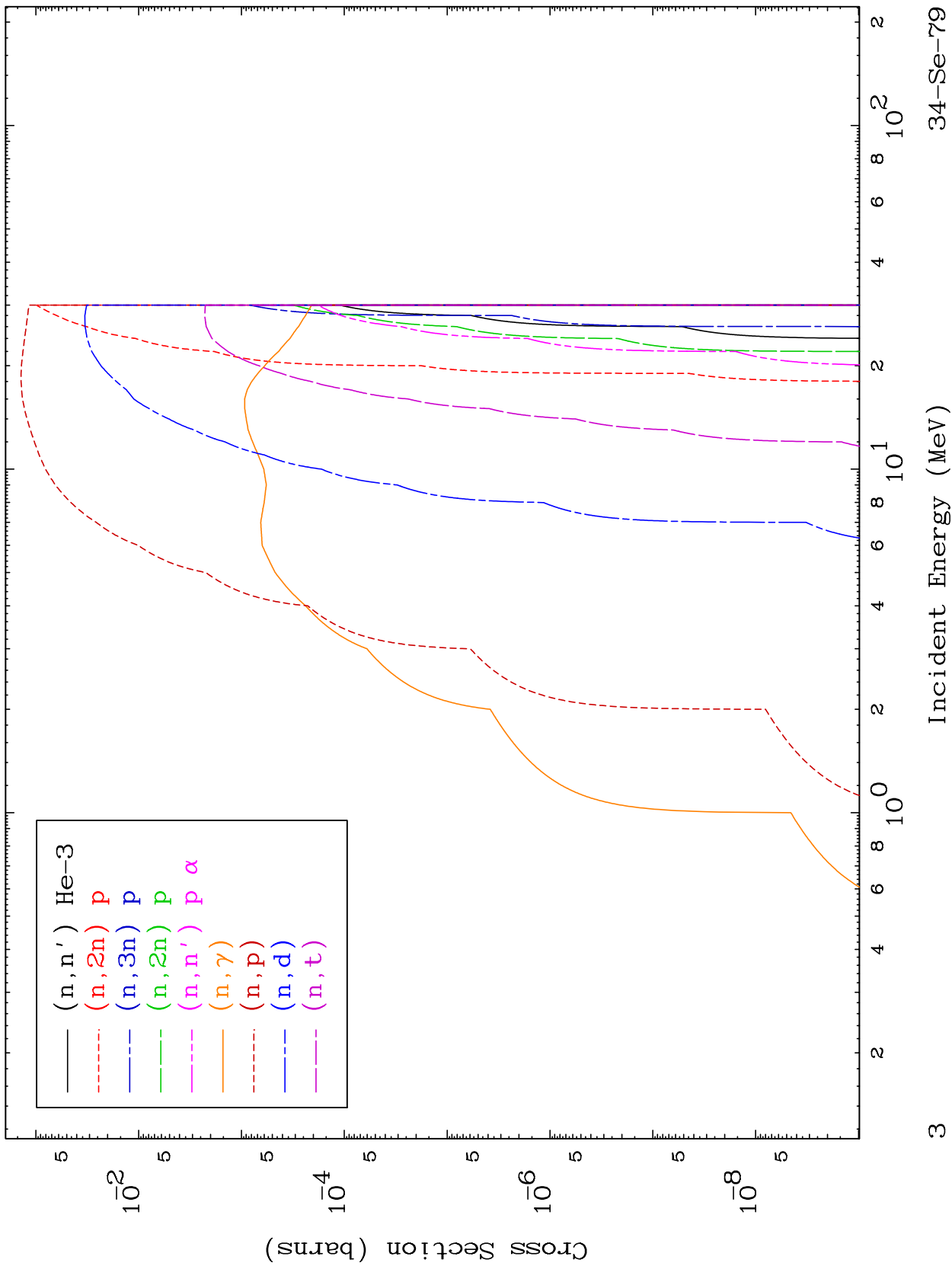
³⁴Se-79



2

Incident Energy (MeV)

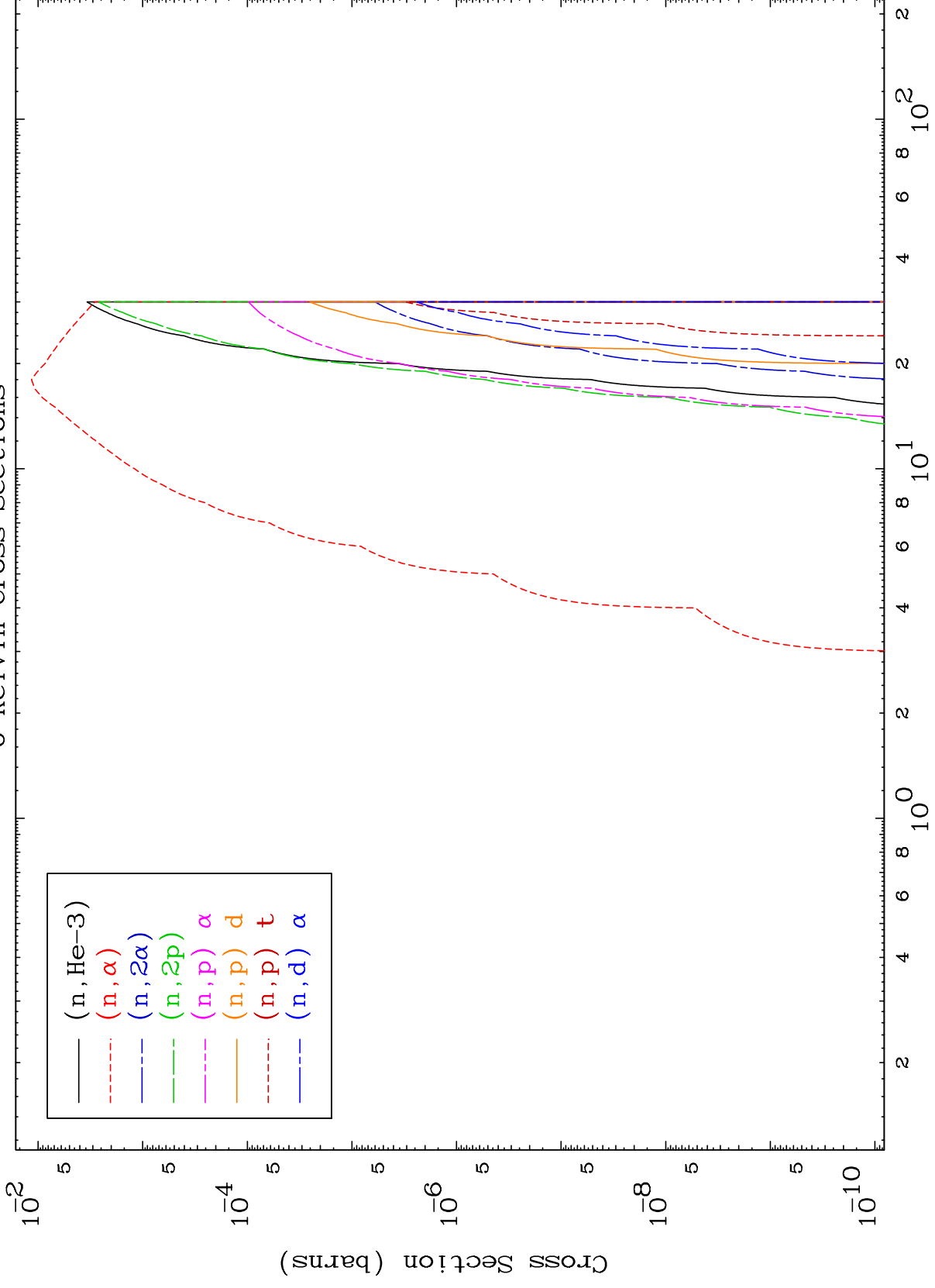
³⁴Se-79



MAT 3440

Proton Neutron Absorption
0 Kelvin Cross Sections

³⁴Se-79



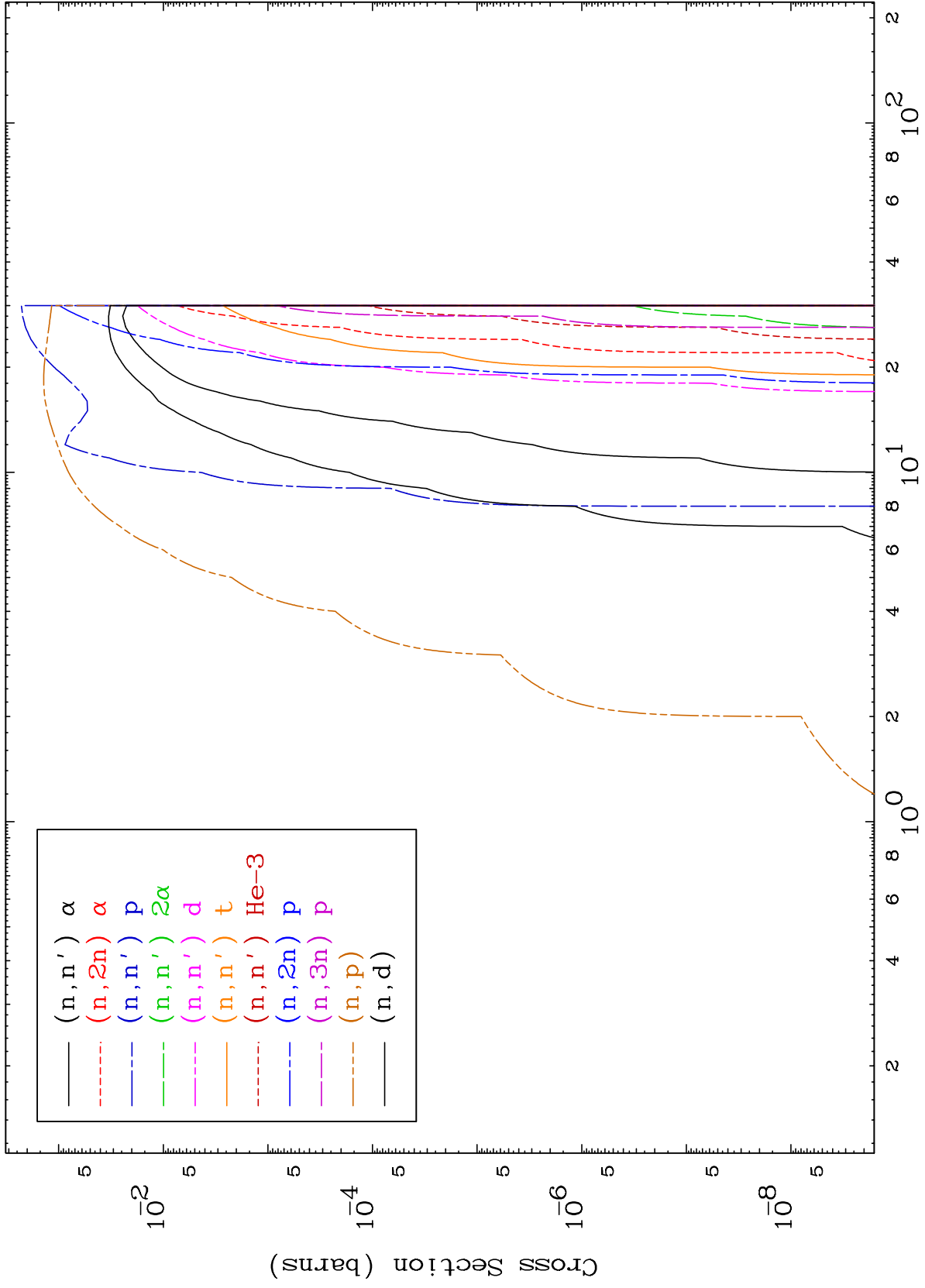
Incident Energy (MeV)

³⁴Se-79

MAT 3440

Proton Charged Particle
0 Kelvin Cross Sections

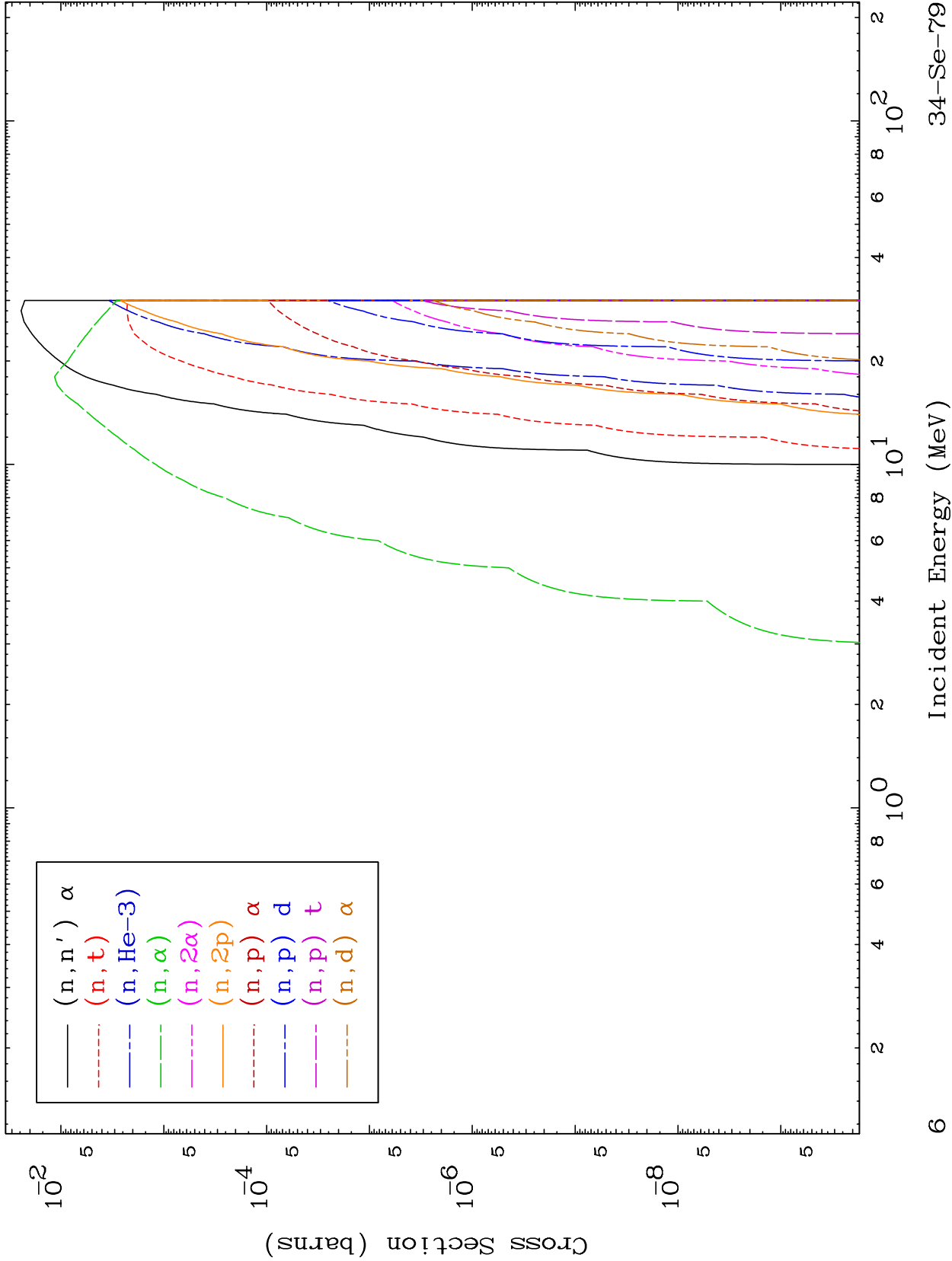
³⁴Se-79



MAT 3440

Proton Charged Particle
0 Kelvin Cross Sections

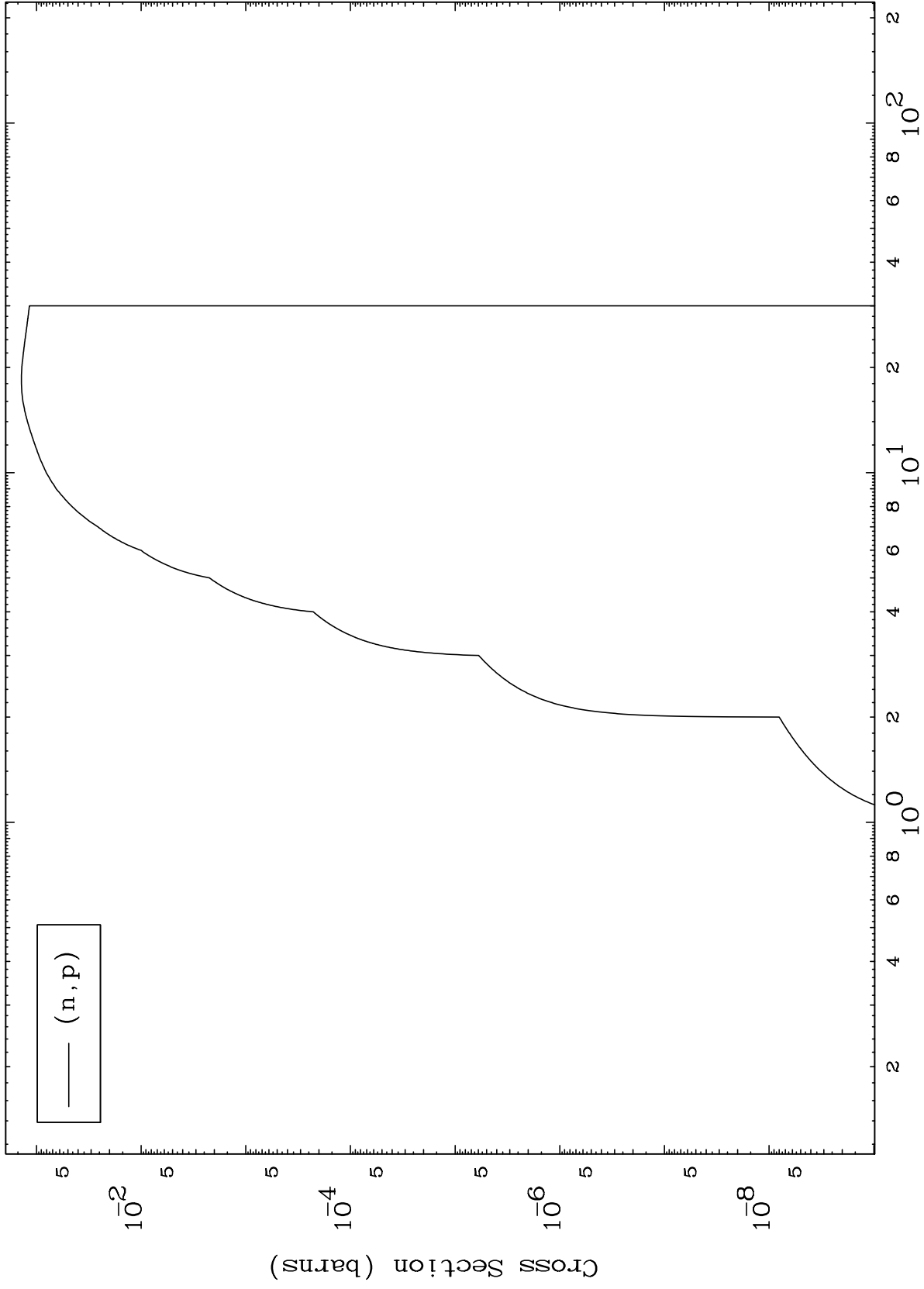
³⁴Se-79



MAT 3440

(p,p) Levels
0 Kelvin Cross Sections

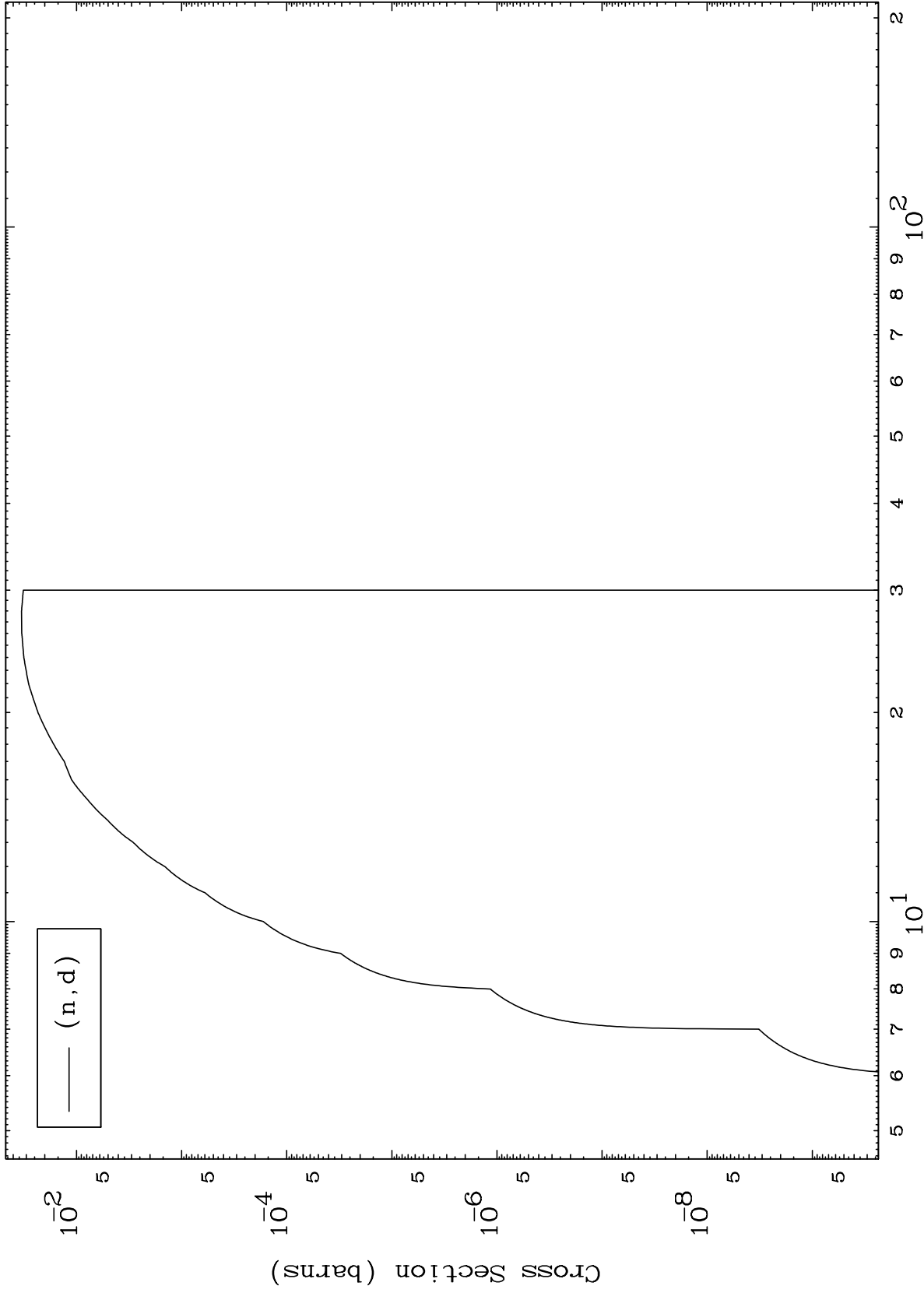
³⁴Se-79



MAT 3440

(p,d) Levels
0 Kelvin Cross Sections

³⁴Se-79



8

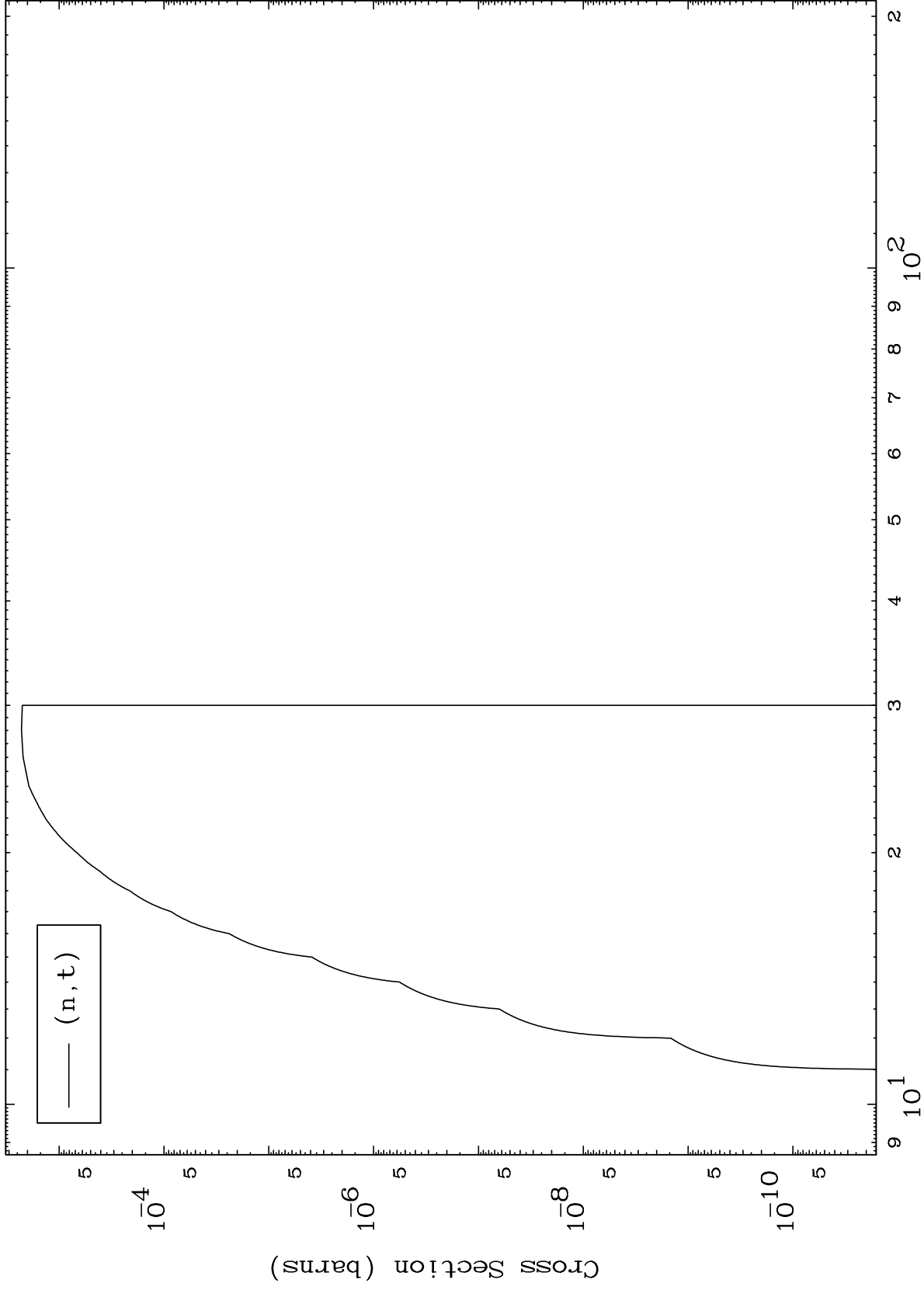
Incident Energy (MeV)

³⁴Se-79

MAT 3440

(p,t) Levels
0 Kelvin Cross Sections

³⁴Se-79



9

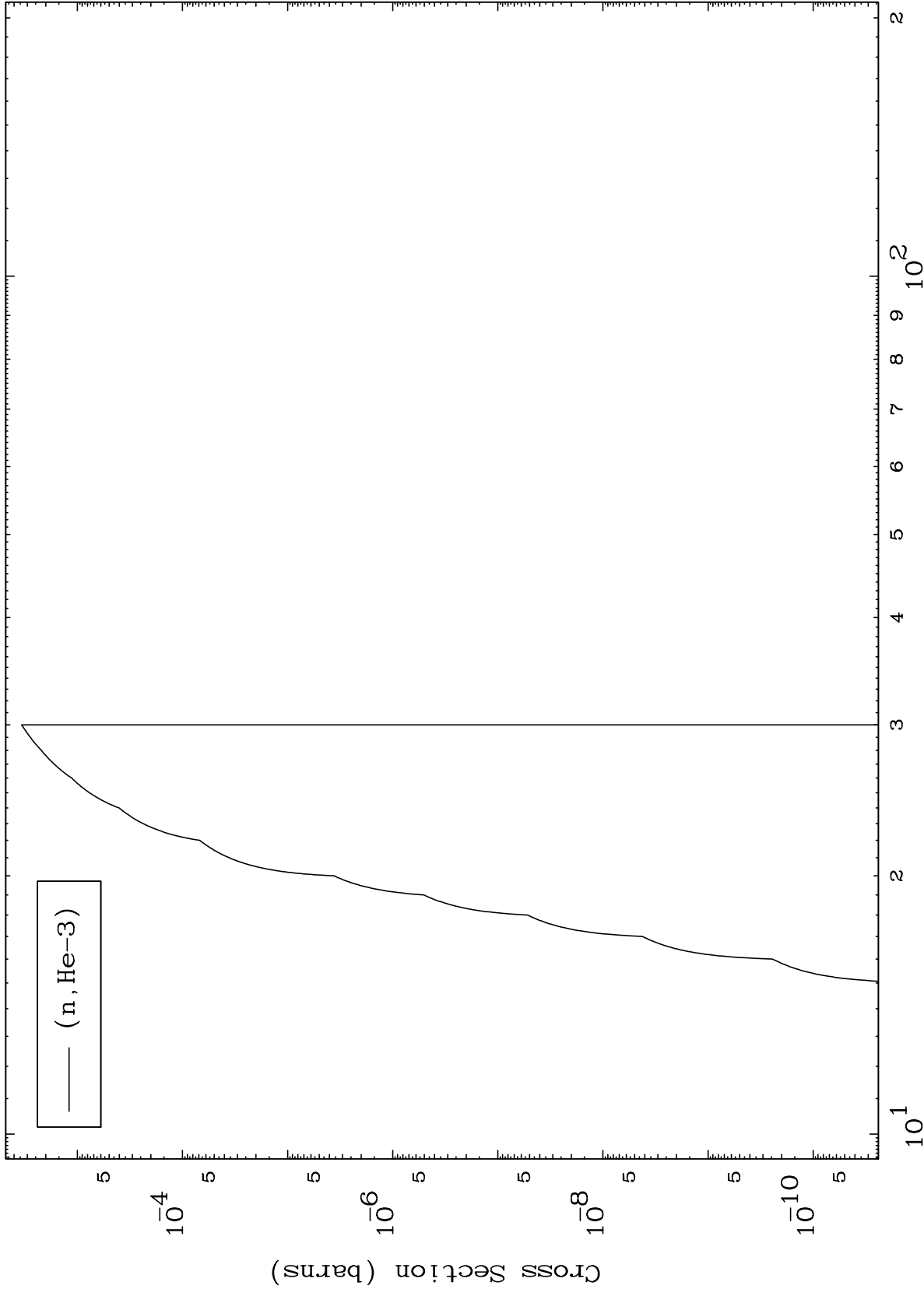
Incident Energy (MeV)

³⁴Se-79

MAT 3440

(p,He3) Levels
0 Kelvin Cross Sections

34-Se-79



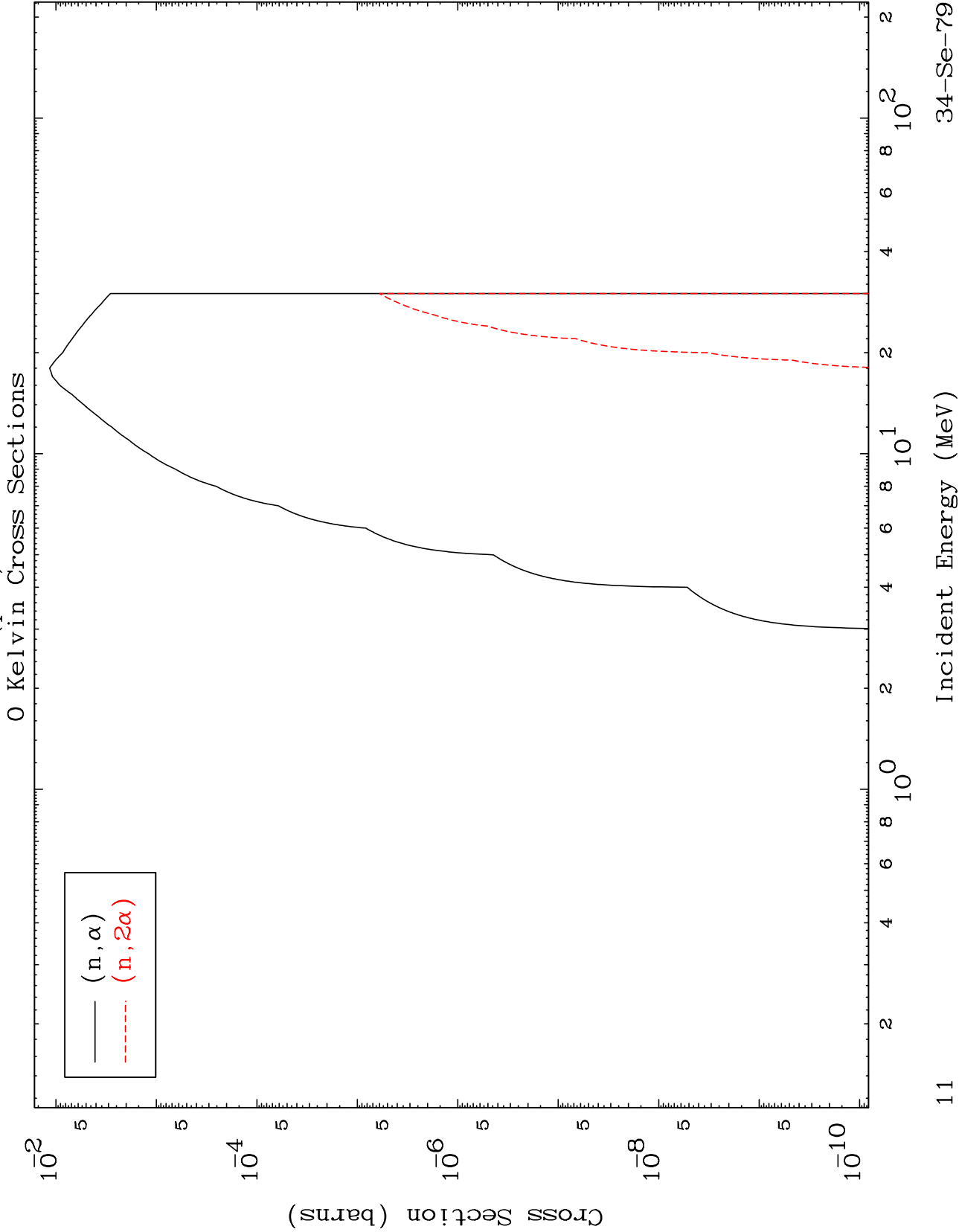
Incident Energy (MeV)

34-Se-79

MAT 3440

(p, α) Levels

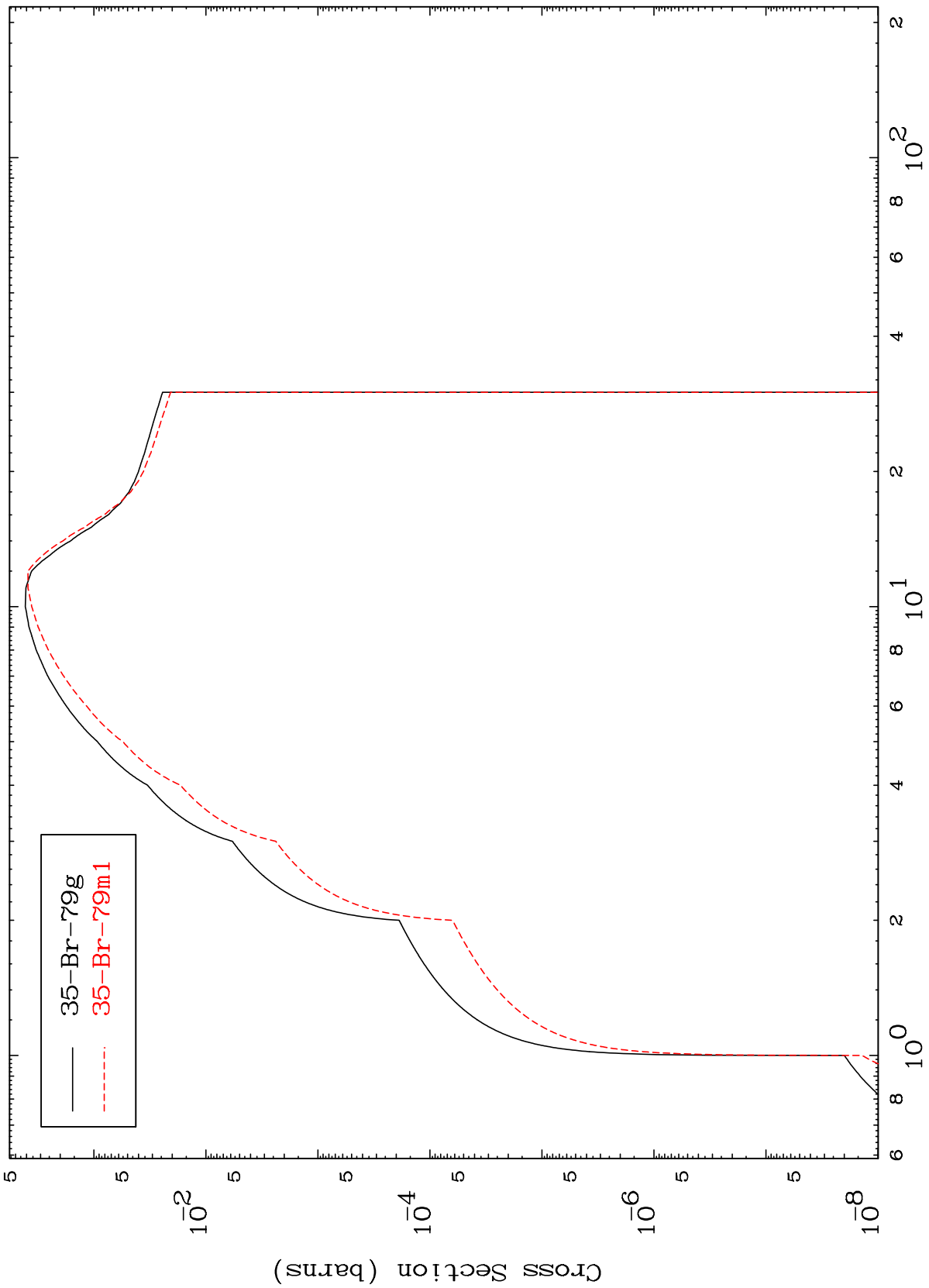
³⁴Se-79



MAT 3440

³⁴Se-79

Radionuclide Production Cross Section



— 35-Br-79g
- - - 35-Br-79m1

³⁴Se-79

Incident Energy (MeV)

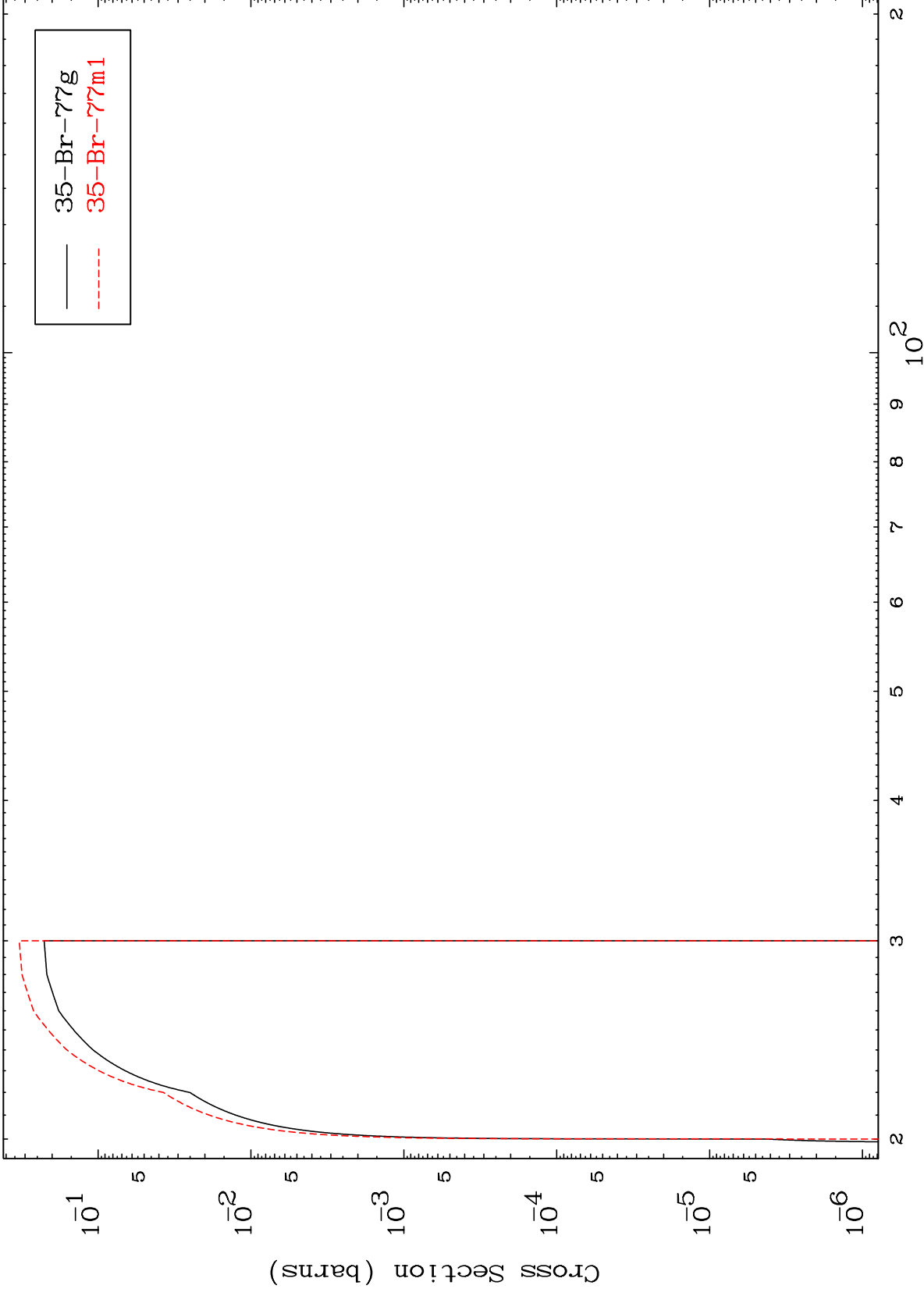
12

MAT 3440

(n,3n)

³⁴Se-79

Radionuclide Production Cross Section



13

Incident Energy (MeV)

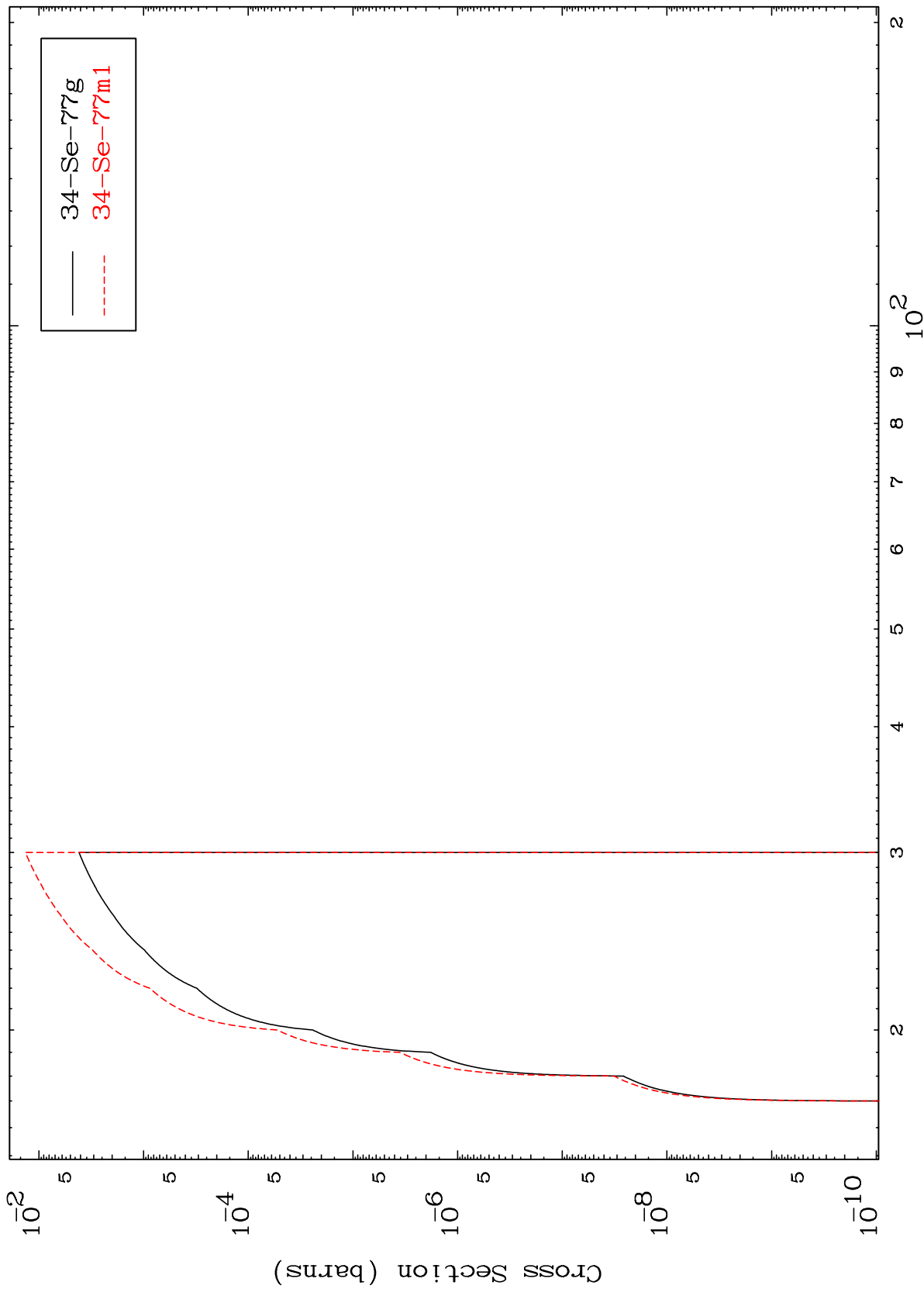
³⁴Se-79

MAT 3440

(n,n') d

³⁴Se-79

Radionuclide Production Cross Section



14

Incident Energy (MeV)

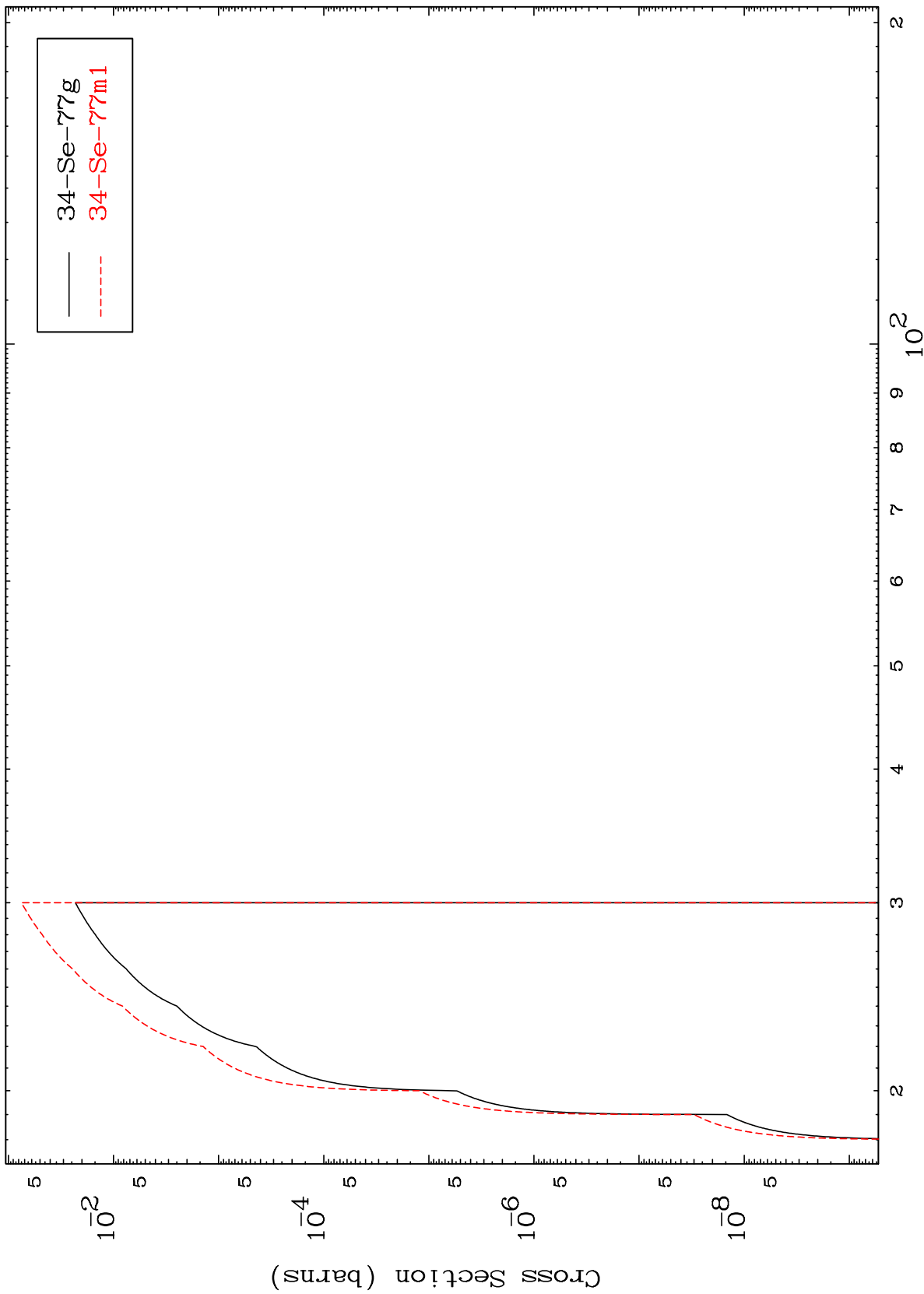
³⁴Se-79

MAT 3440

$(n,2n)$ p

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

Radionuclide Production Cross Section



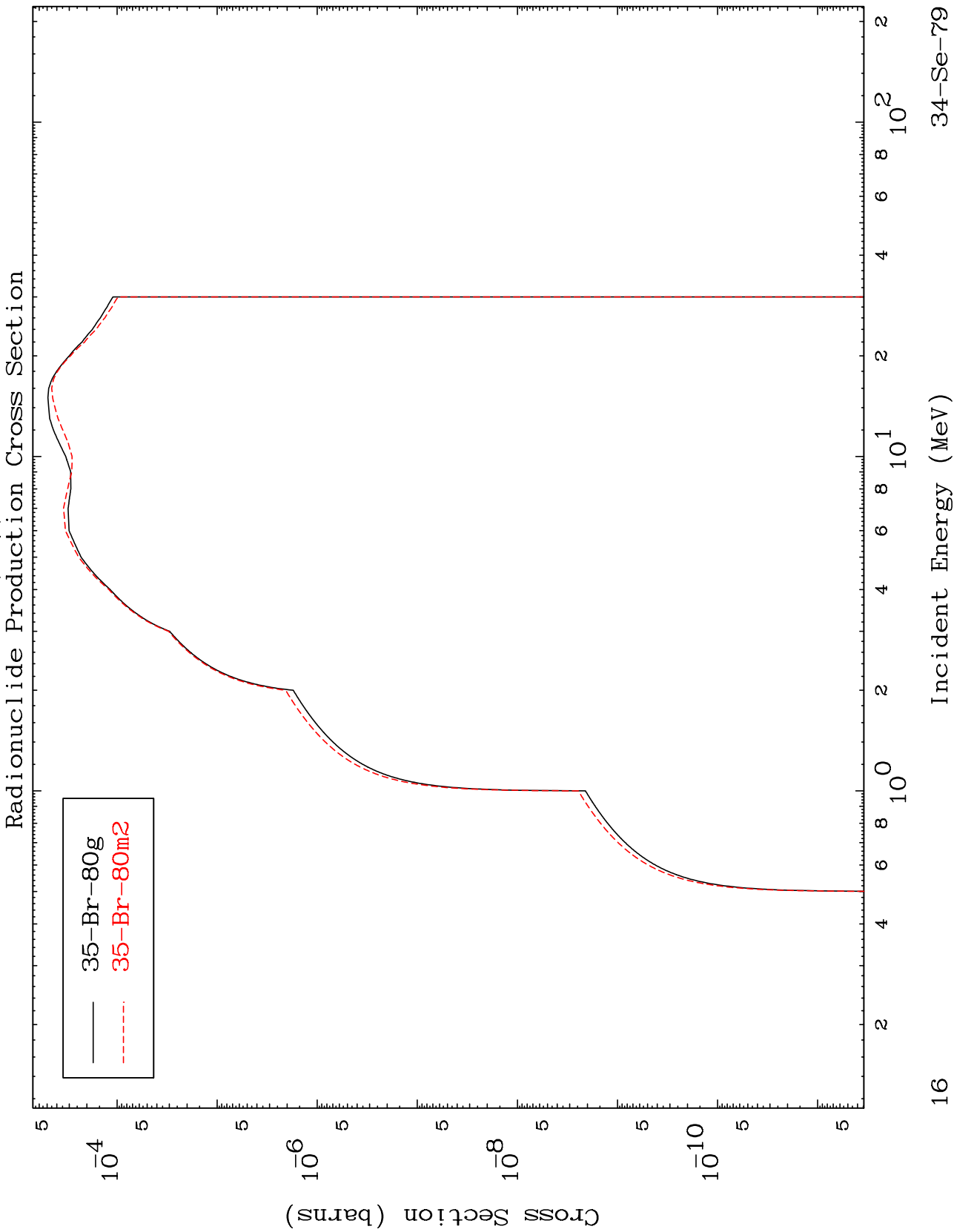
15

Incident Energy (MeV)

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

MAT 3440

³⁴Se-79



³⁴Se-79

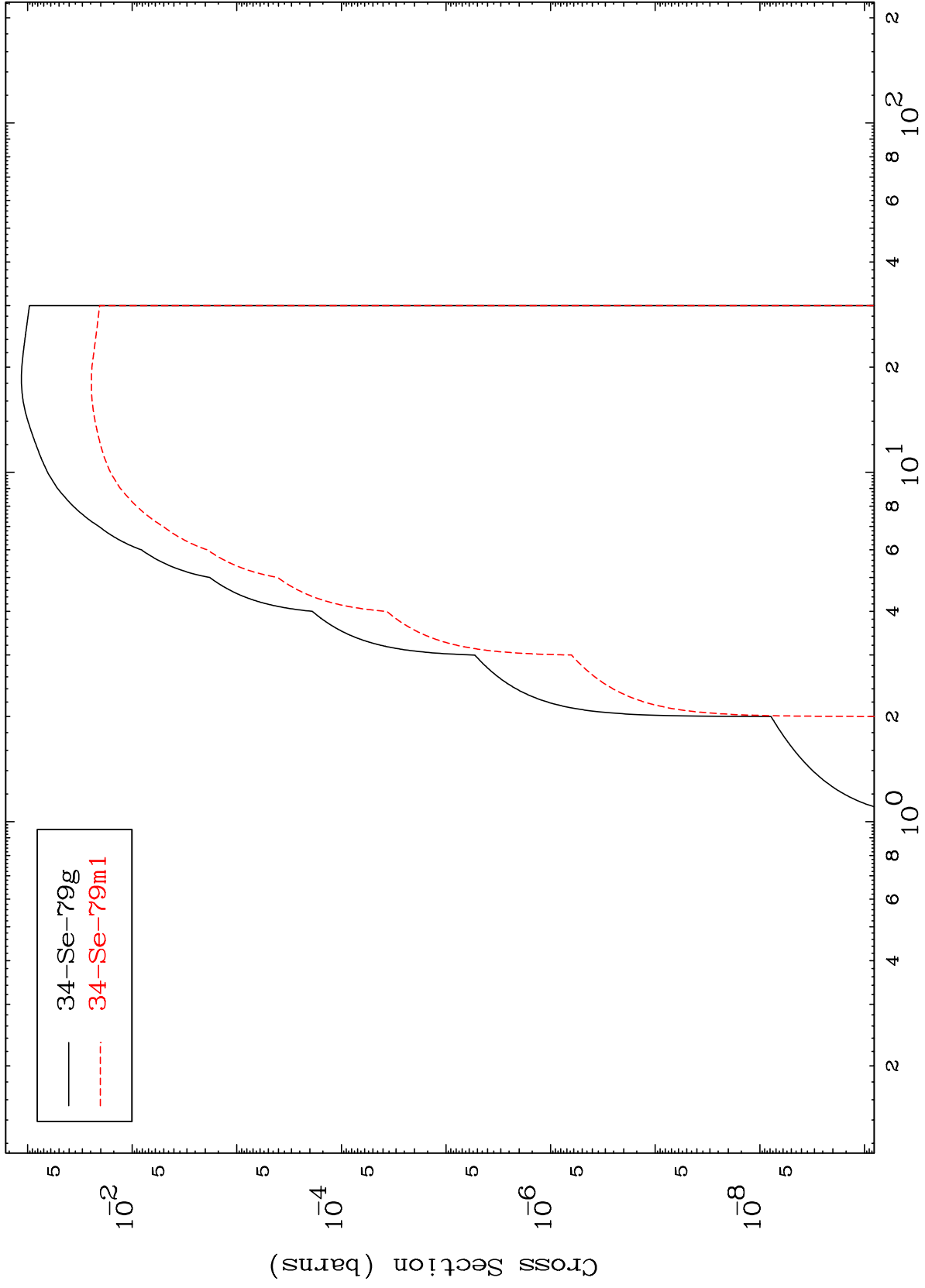
Incident Energy (MeV)

16

MAT 3440

³⁴Se-79

(n,p)
Radionuclide Production Cross Section



³⁴Se-79

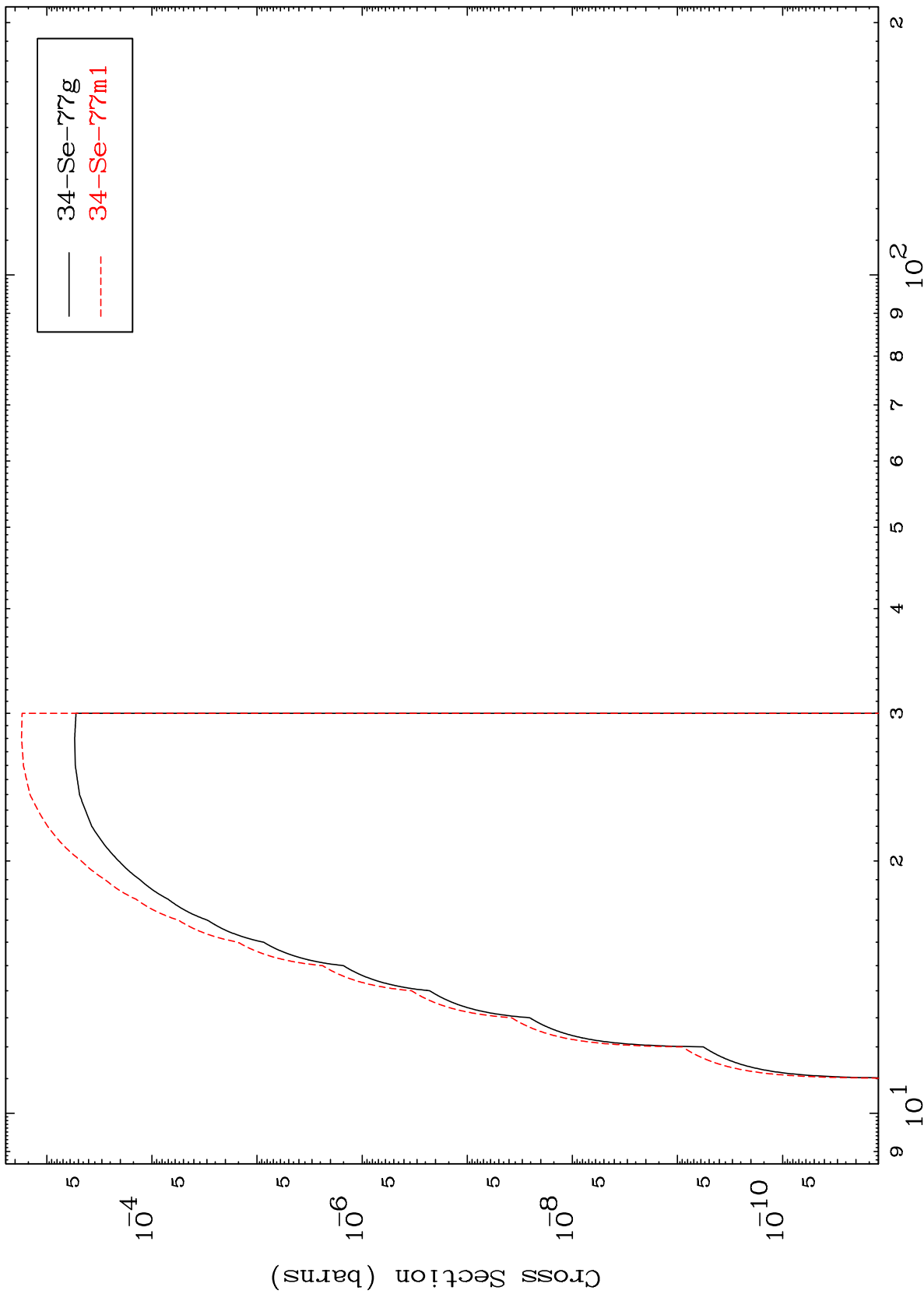
Incident Energy (MeV)

17

MAT 3440

³⁴Se-79

(n,t)
Radionuclide Production Cross Section



³⁴Se-79

Incident Energy (MeV)

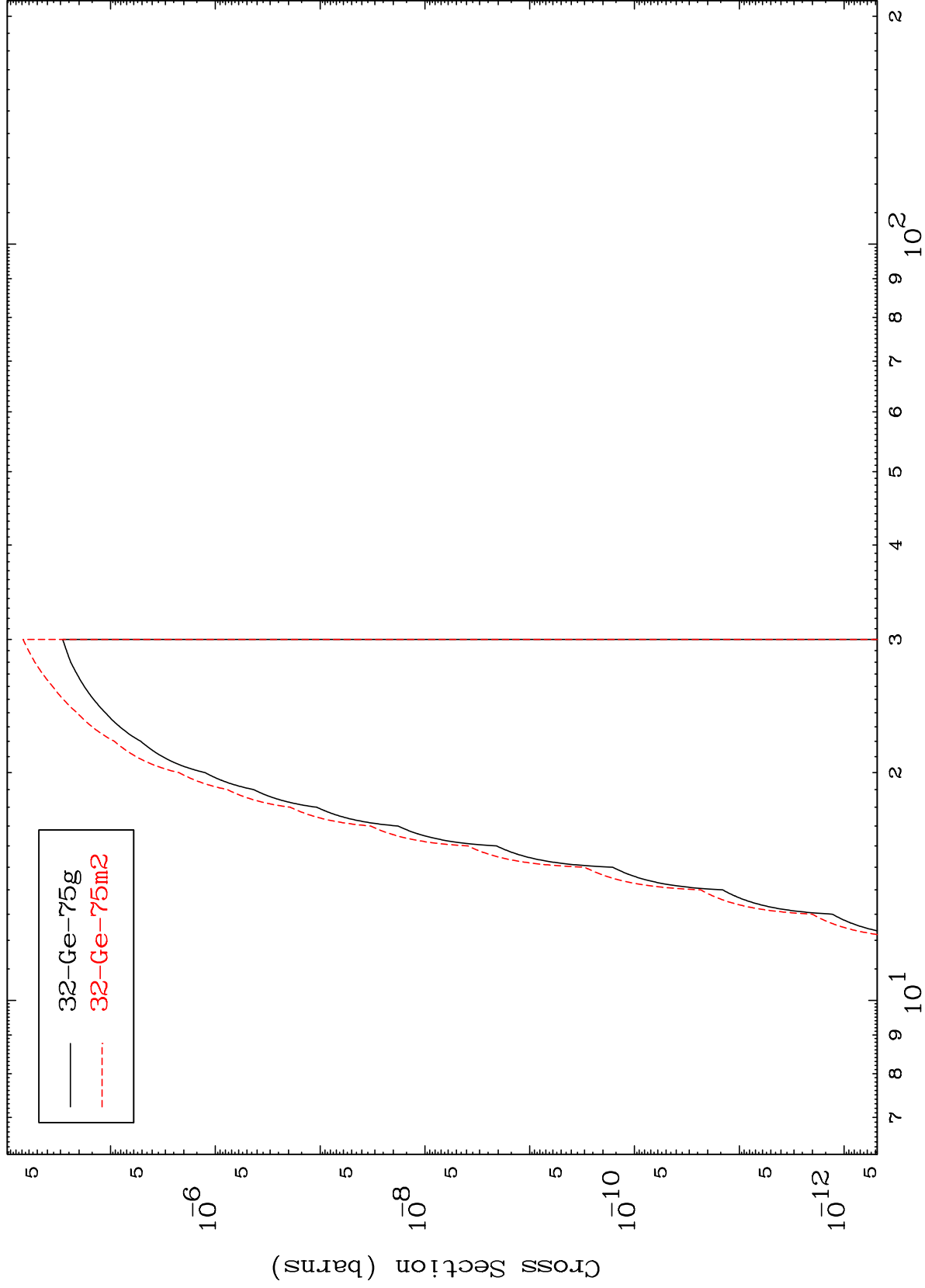
18

MAT 3440

(n,p) α

³⁴Se-79

Radionuclide Production Cross Section



19

Incident Energy (MeV)

³⁴Se-79