

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

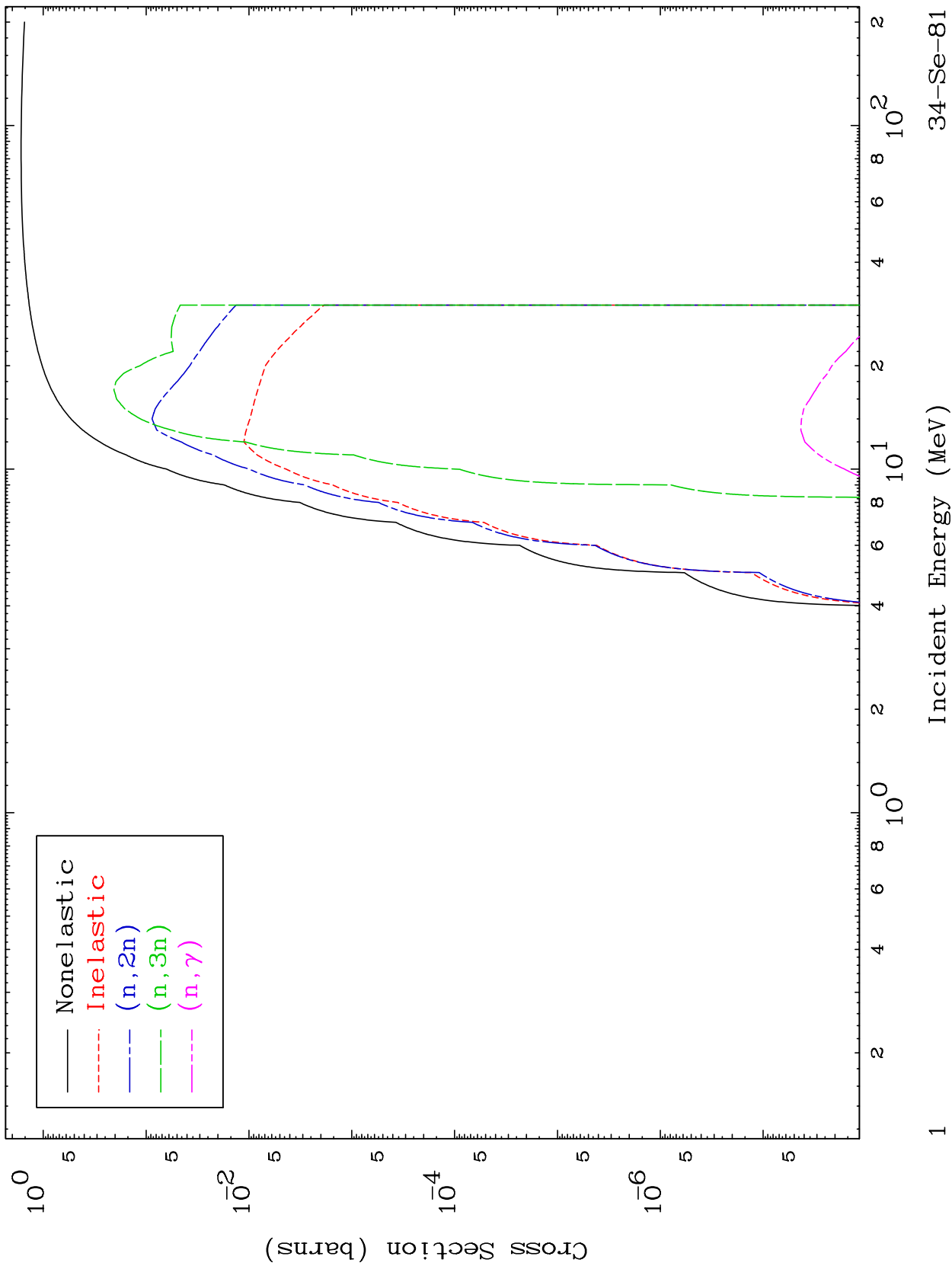
Press Mouse Button to Start

MAT 3446

He-3 Major

34-Se-81

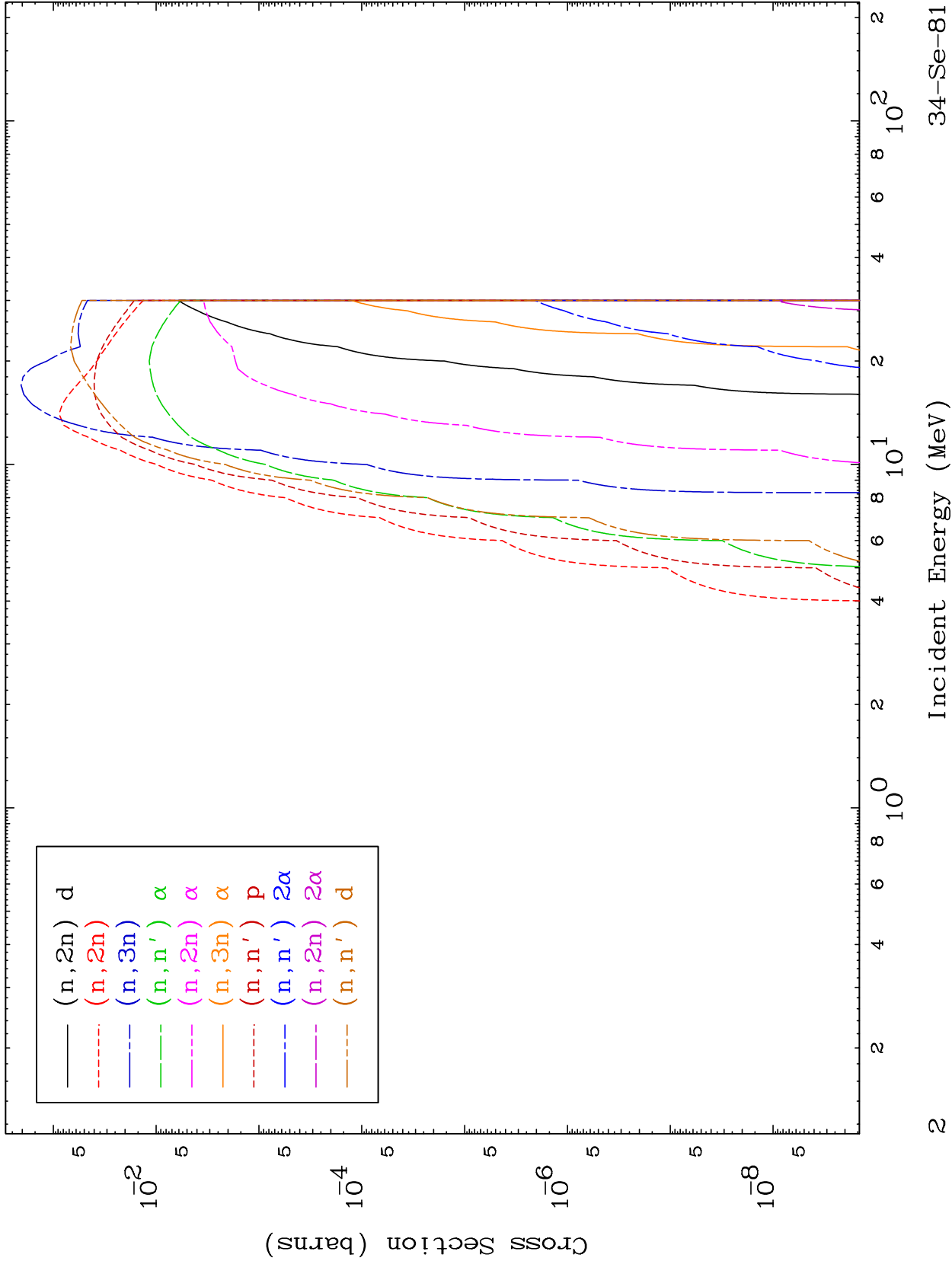
0 Kelvin Cross Sections



MAT 3446

He-3 Neutron Absorption
0 Kelvin Cross Sections

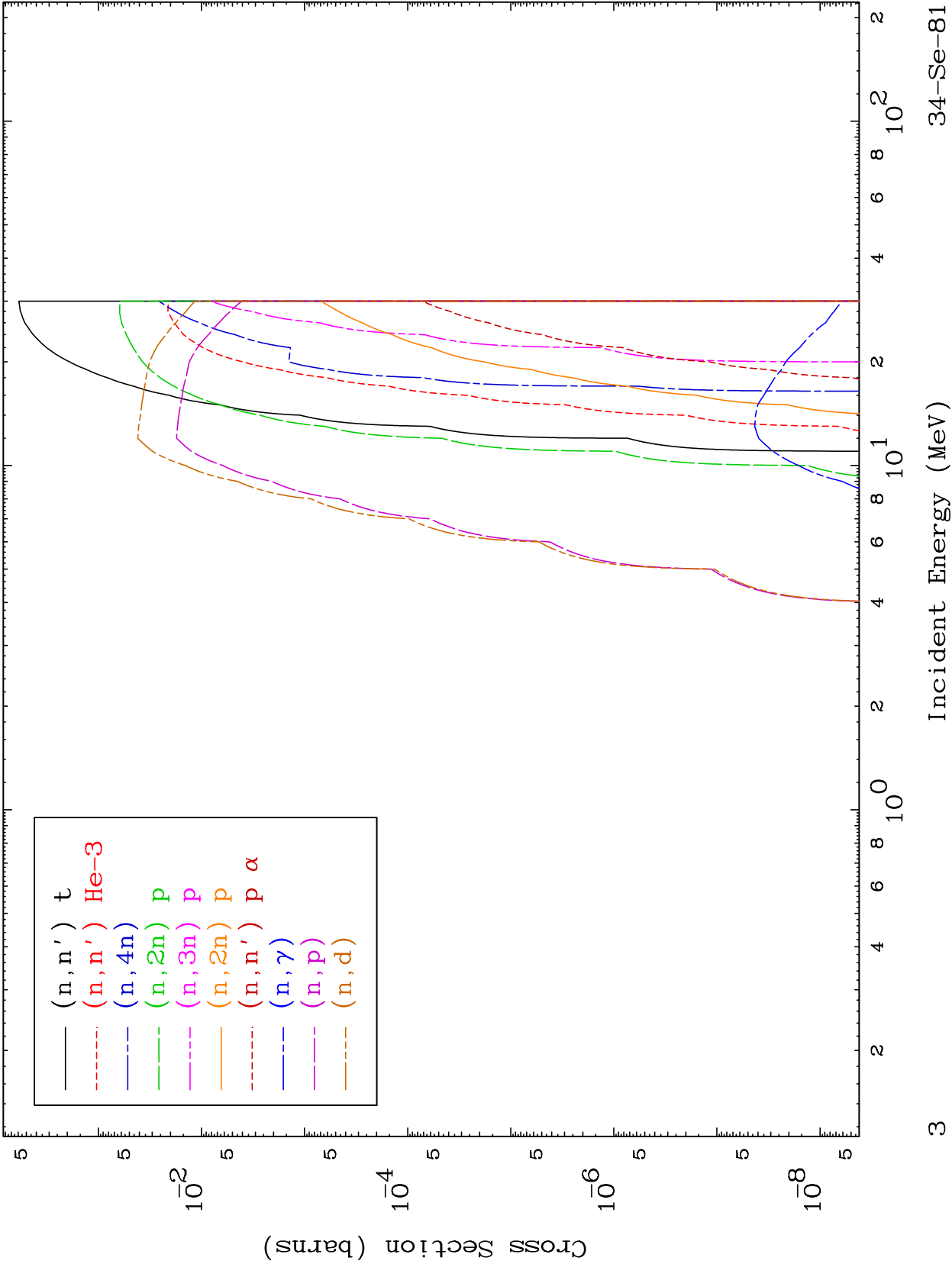
³⁴Se-81



MAT 3446

He-3 Neutron Absorption
0 Kelvin Cross Sections

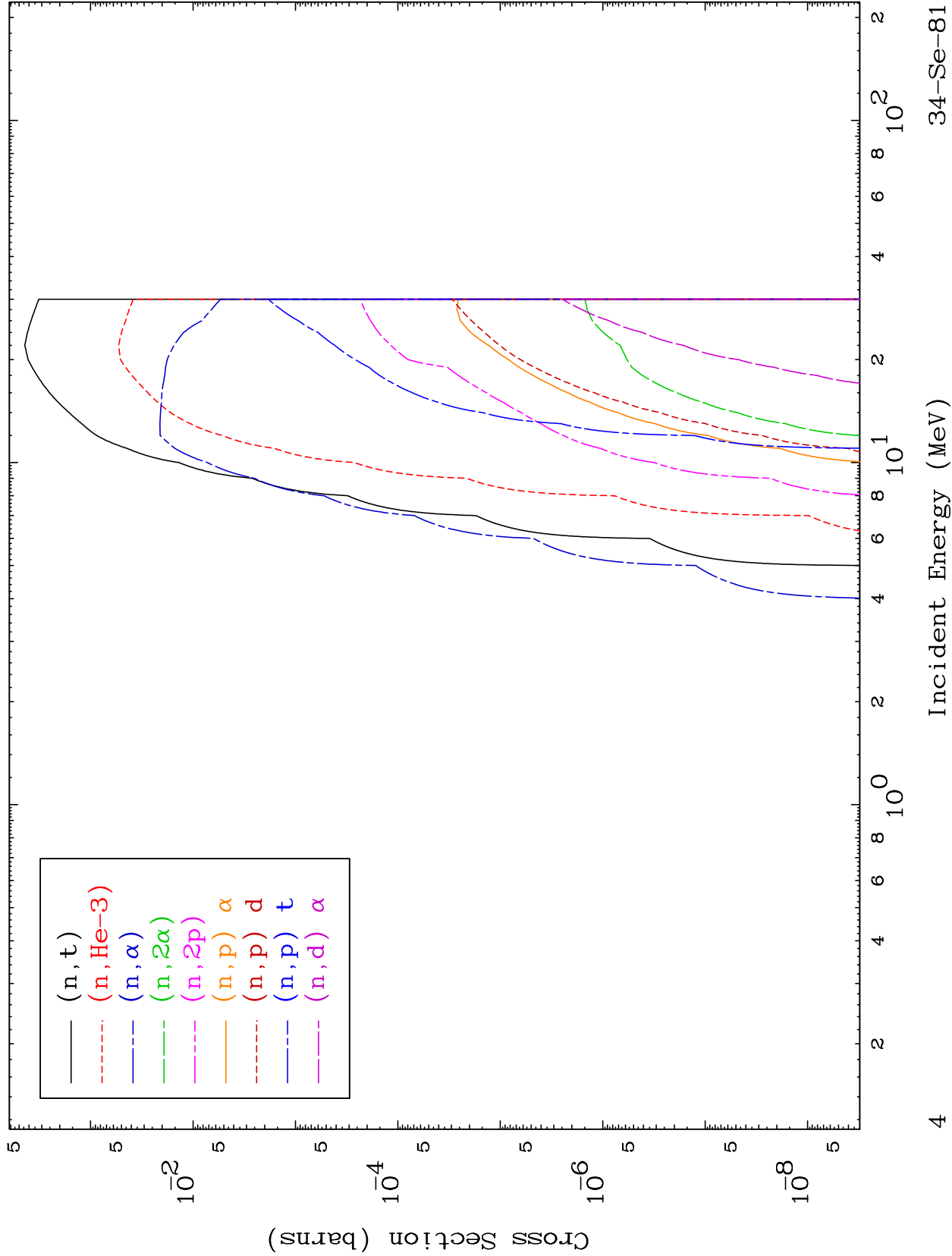
34-Se-81



MAT 3446

He-3 Neutron Absorption
0 Kelvin Cross Sections

34-Se-81

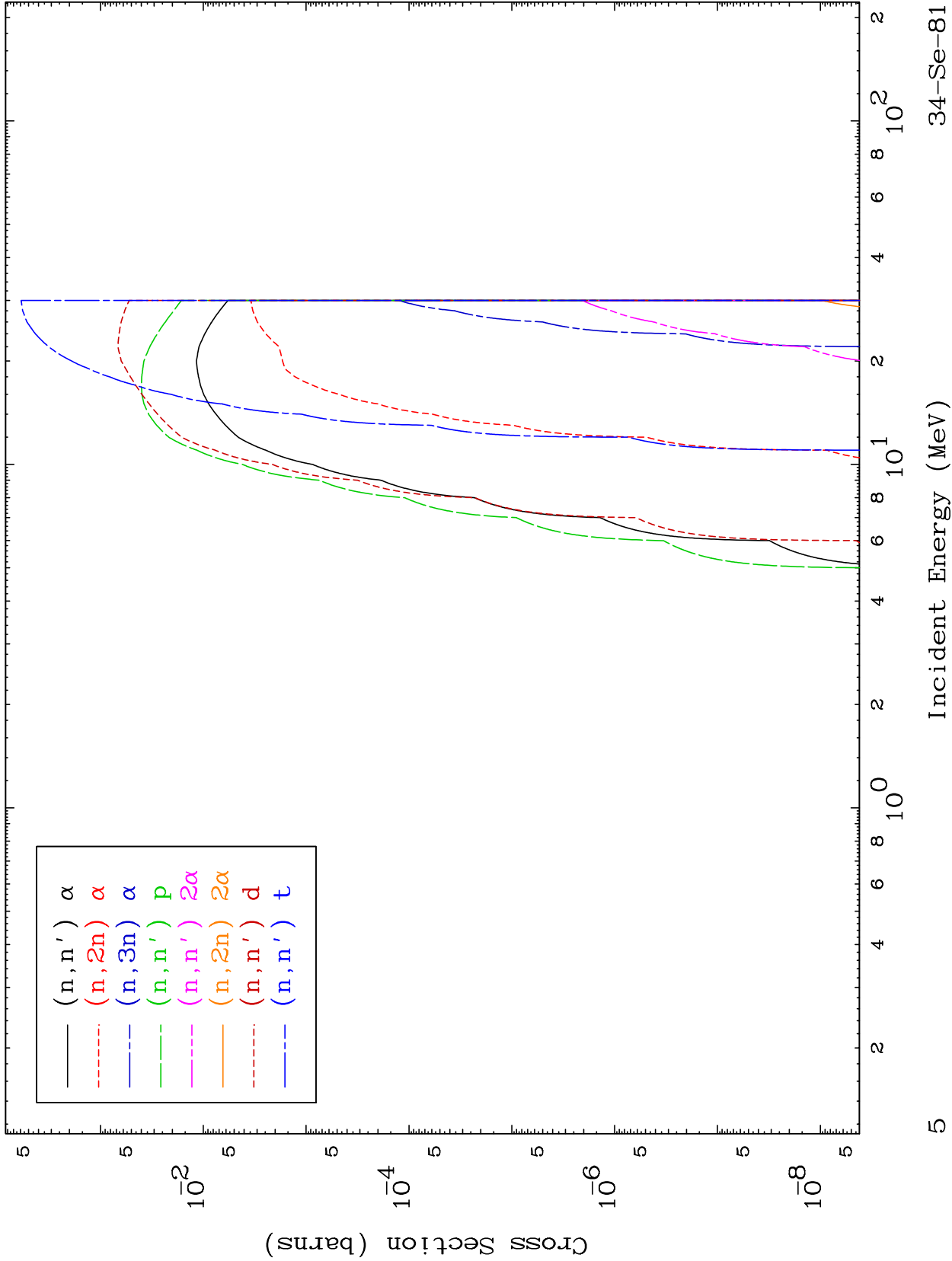


34-Se-81

MAT 3446

He-3 Charged Particle
0 Kelvin Cross Sections

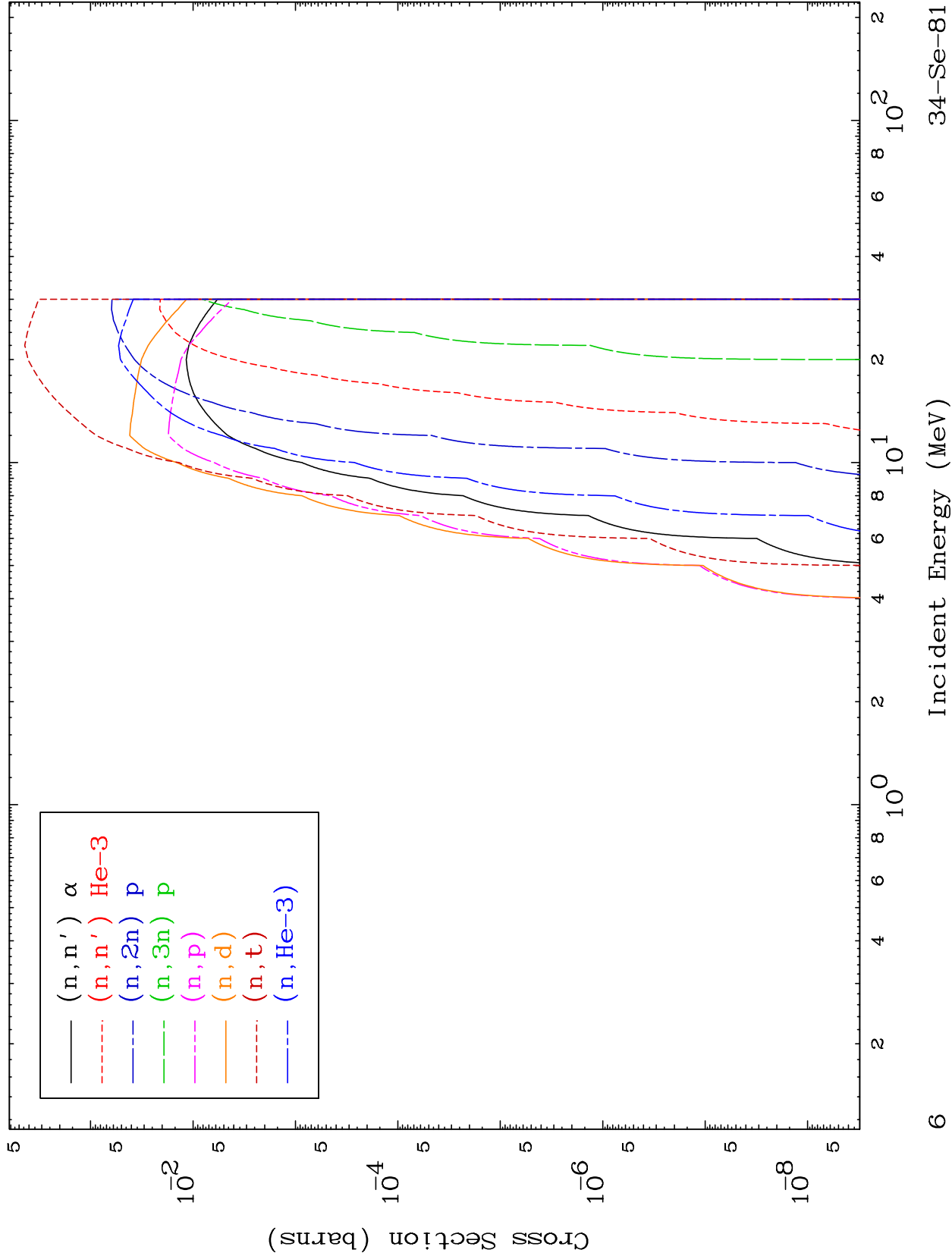
³⁴Se-81



MAT 3446

He-3 Charged Particle
0 Kelvin Cross Sections

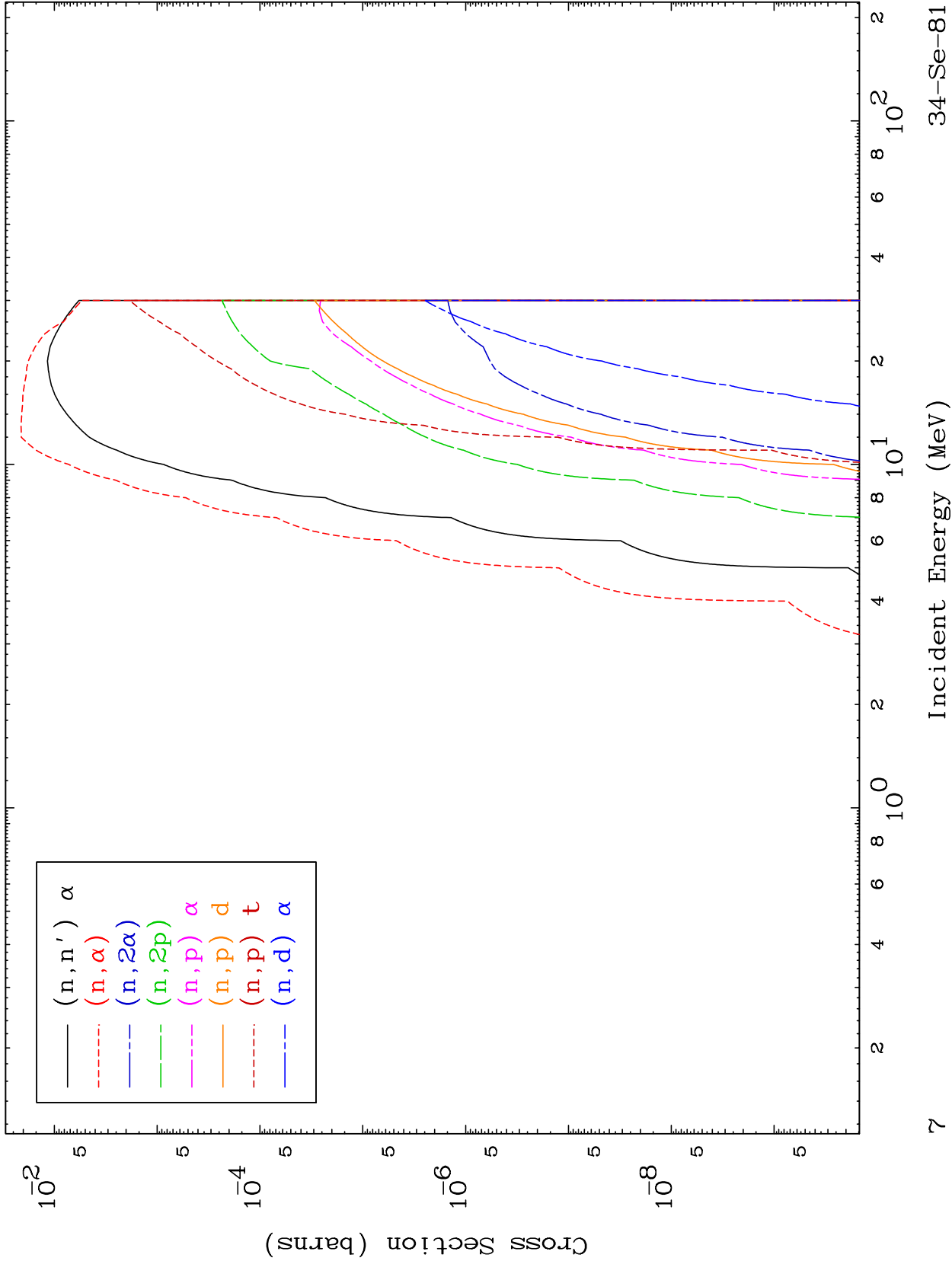
34-Se-81



MAT 3446

He-3 Charged Particle
0 Kelvin Cross Sections

34-Se-81

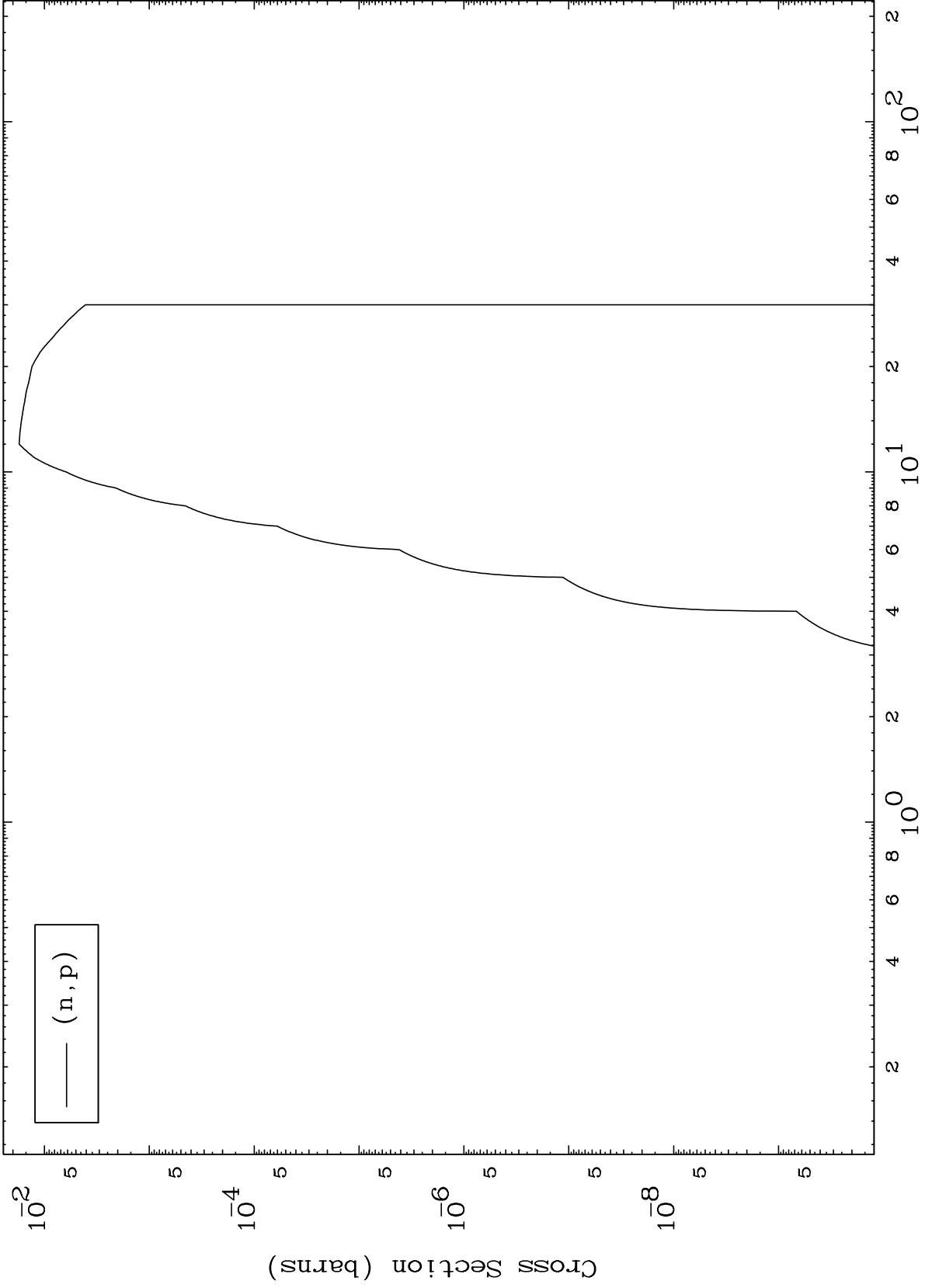


34-Se-81

MAT 3446

(He-3,p) Levels
0 Kelvin Cross Sections

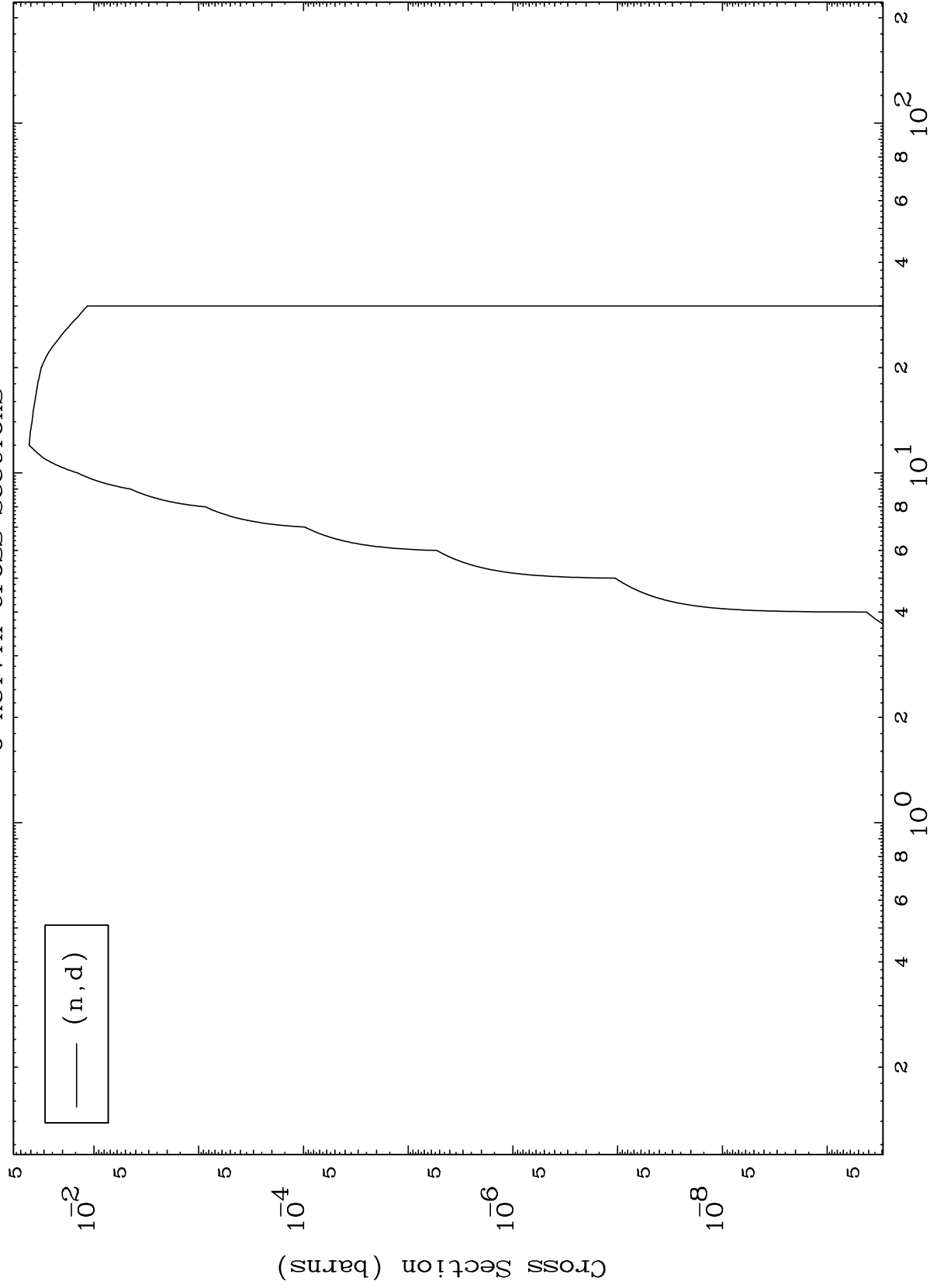
34-Se-81



MAT 3446

³⁴Se-81

(He-3,d) Levels
0 Kelvin Cross Sections



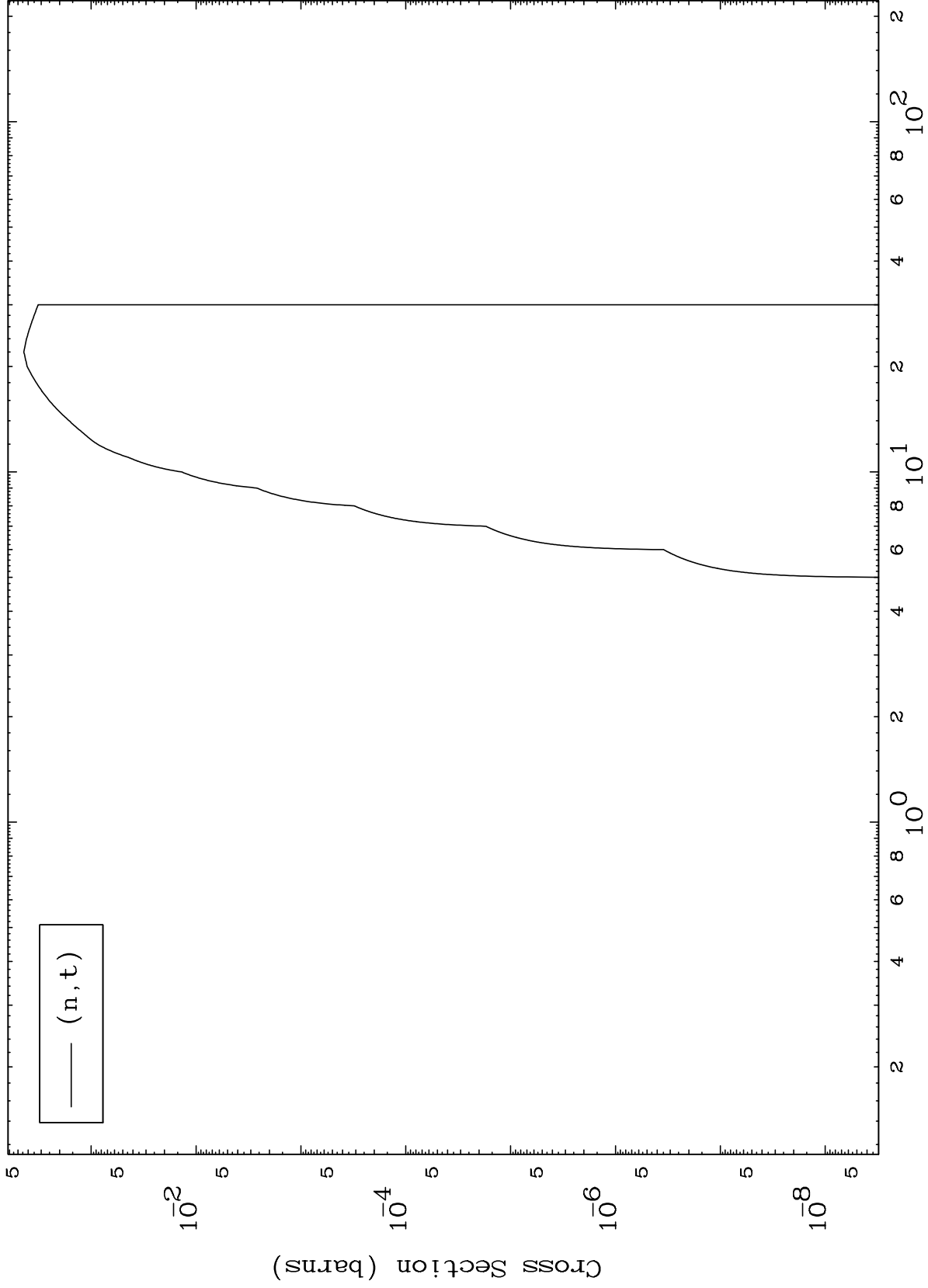
9

³⁴Se-81

MAT 3446

(He-3,t) Levels
0 Kelvin Cross Sections

34-Se-81



(n, t)

10

Incident Energy (MeV)

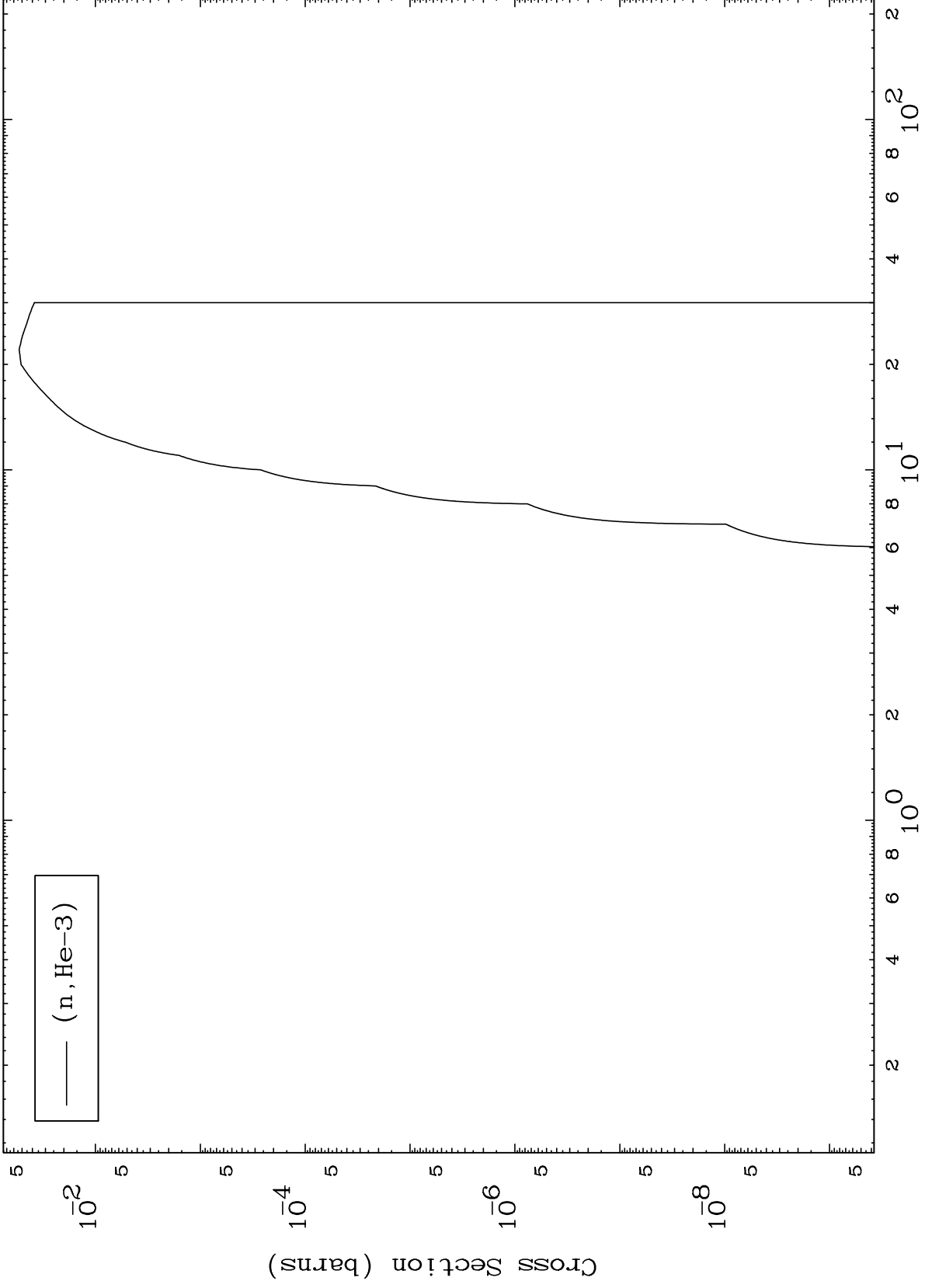
34-Se-81

MAT 3446

(He-3, He3) Levels

34-Se-81

0 Kelvin Cross Sections

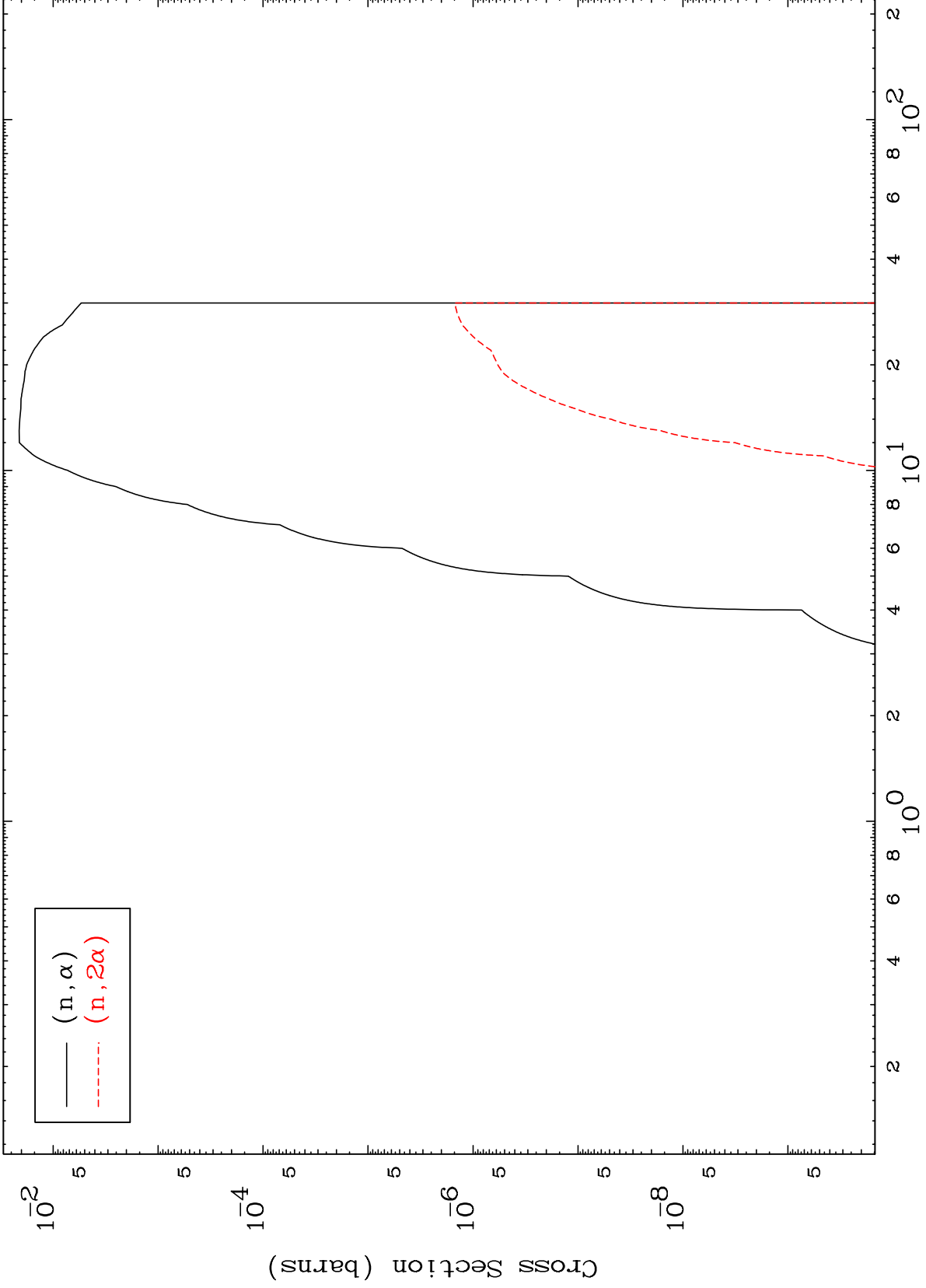


MAT 3446

(He-3, α) Levels

34-Se-81

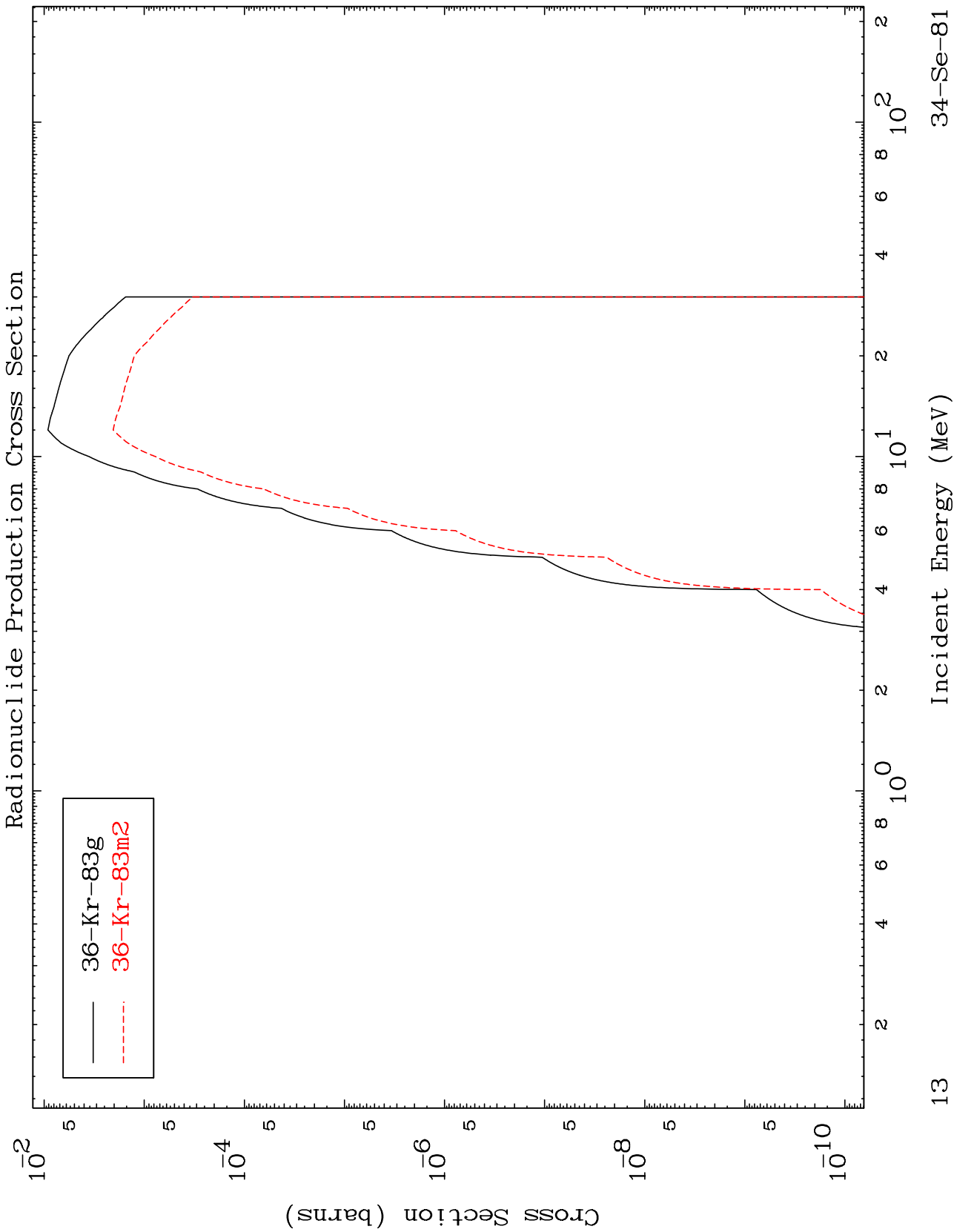
0 Kelvin Cross Sections



MAT 3446

34-Se-81

Inelastic
Radionuclide Production Cross Section



34-Se-81

Incident Energy (MeV)

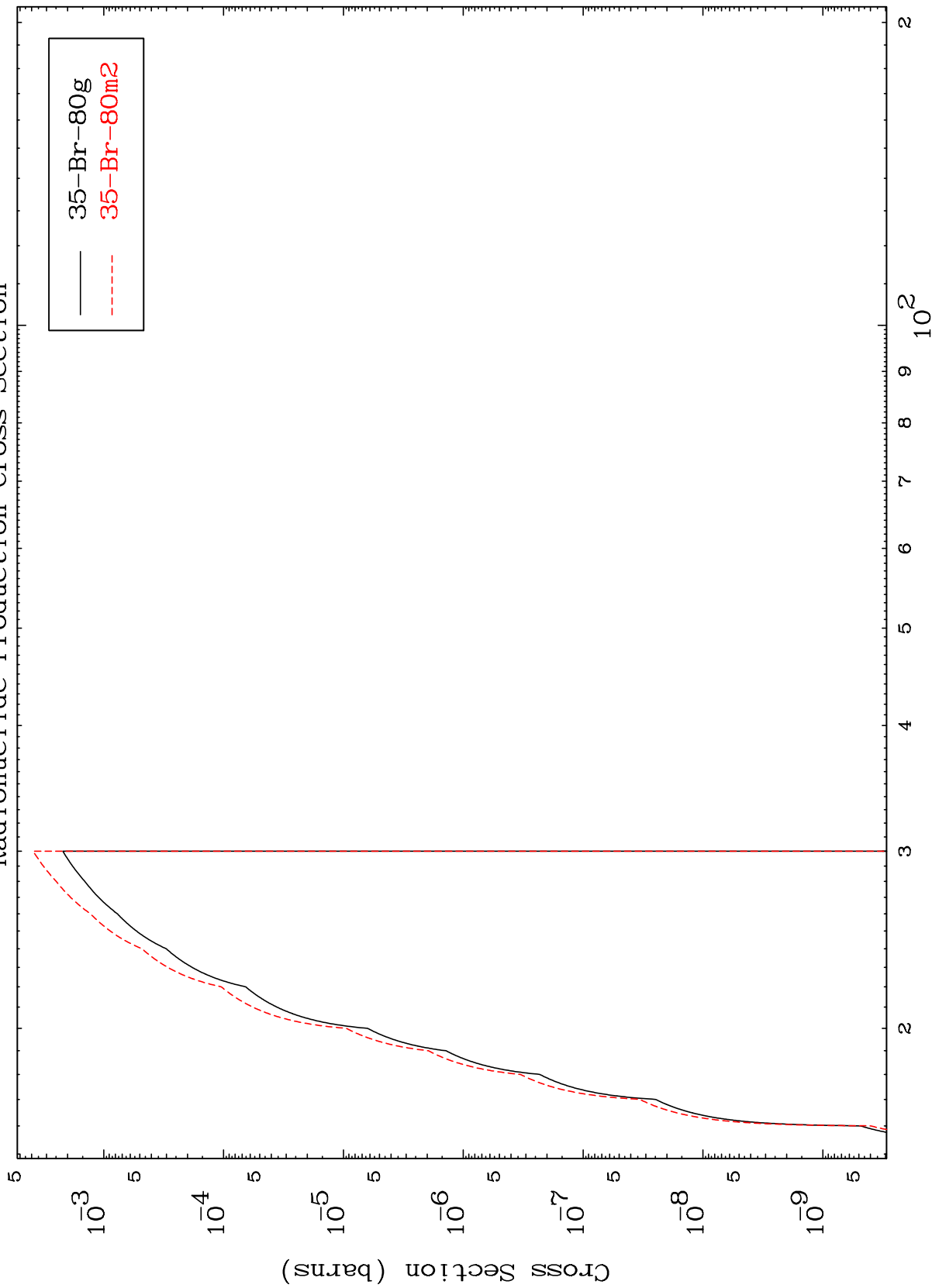
13

MAT 3446

(n,2n) d

³⁴Se-81

Radionuclide Production Cross Section



14

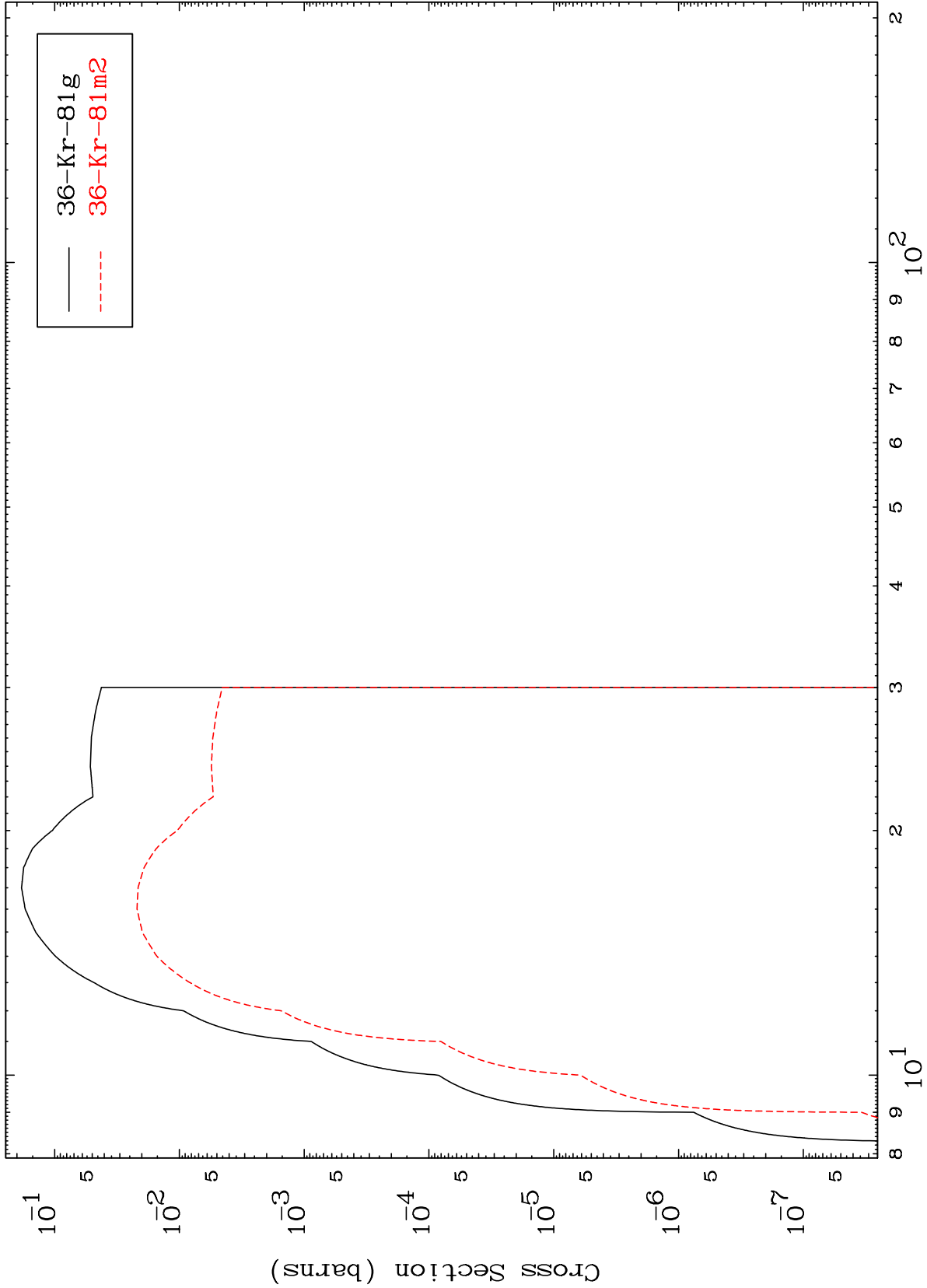
Incident Energy (MeV)

³⁴Se-81

MAT 3446

³⁴Se-81

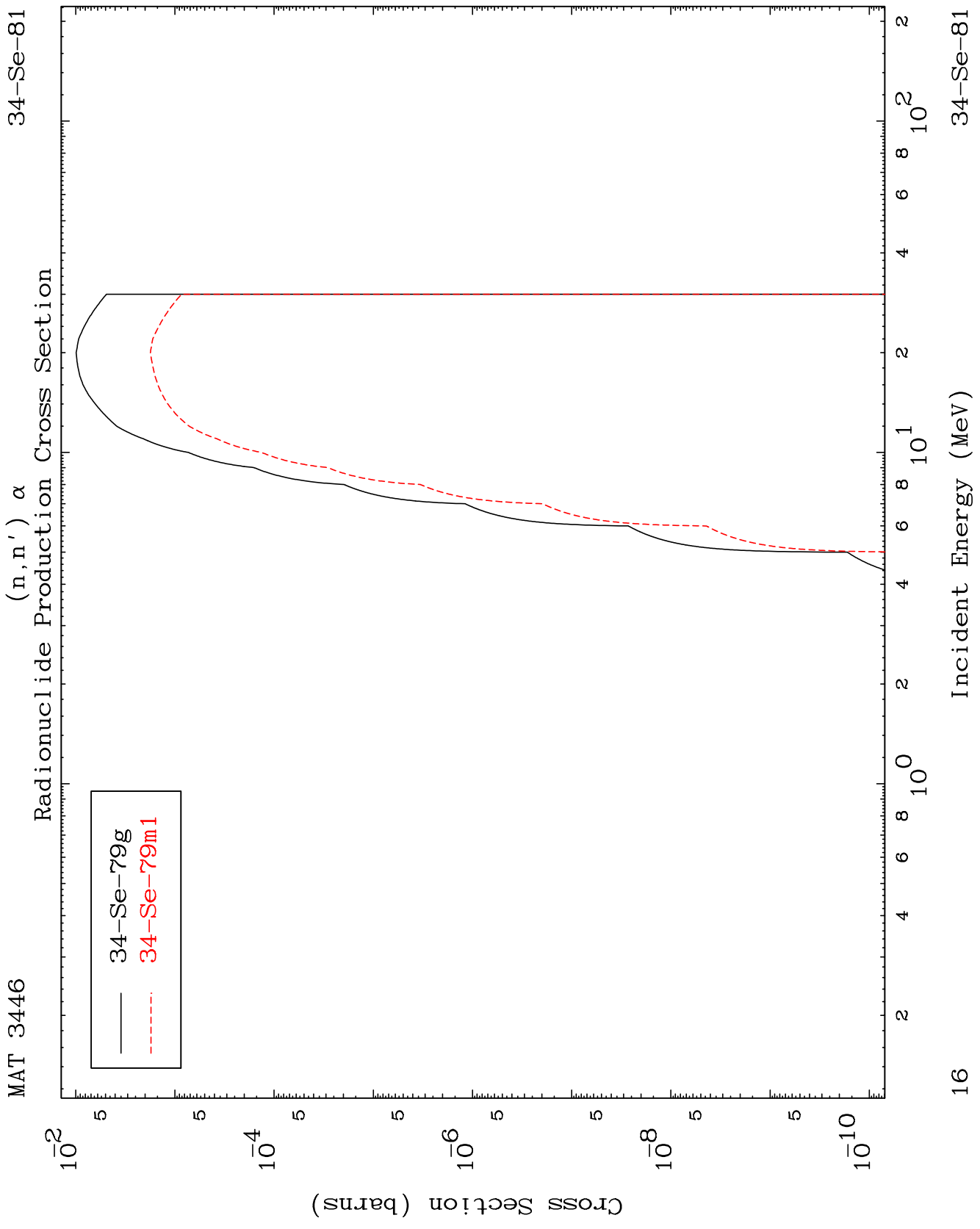
(n,3n)
Radionuclide Production Cross Section

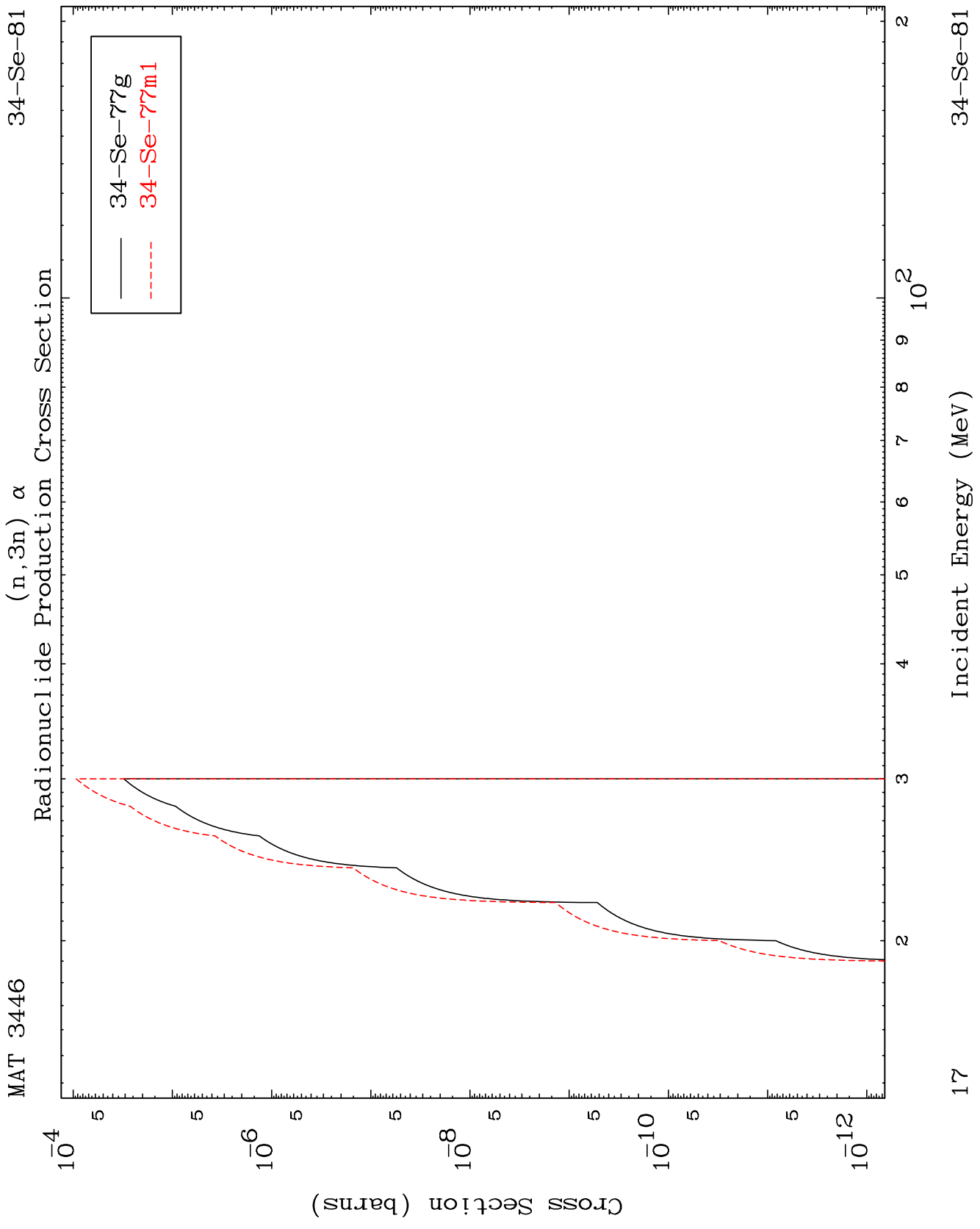


³⁴Se-81

Incident Energy (MeV)

15



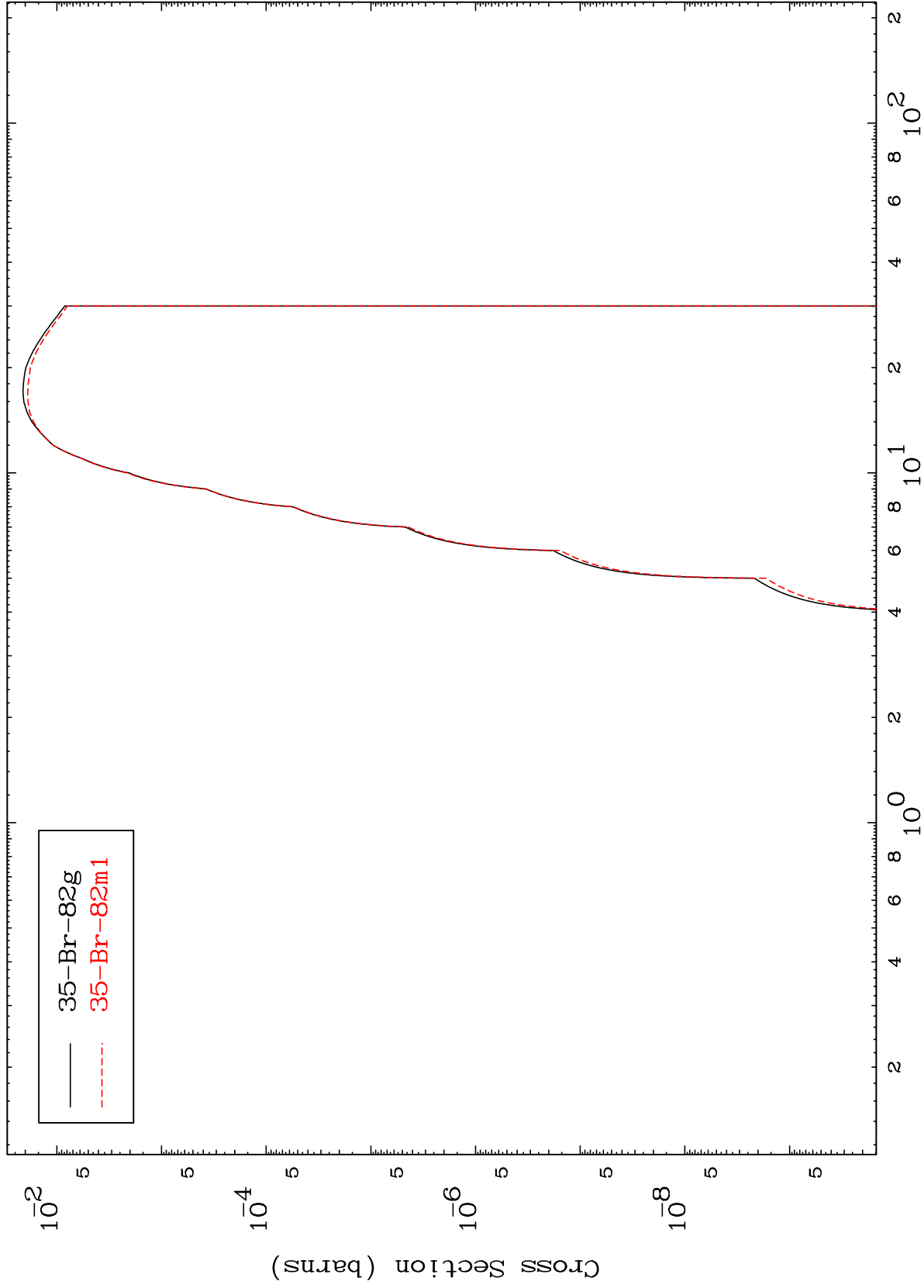


MAT 3446

(n,n') p

³⁴Se-81

Radionuclide Production Cross Section



18

Incident Energy (MeV)

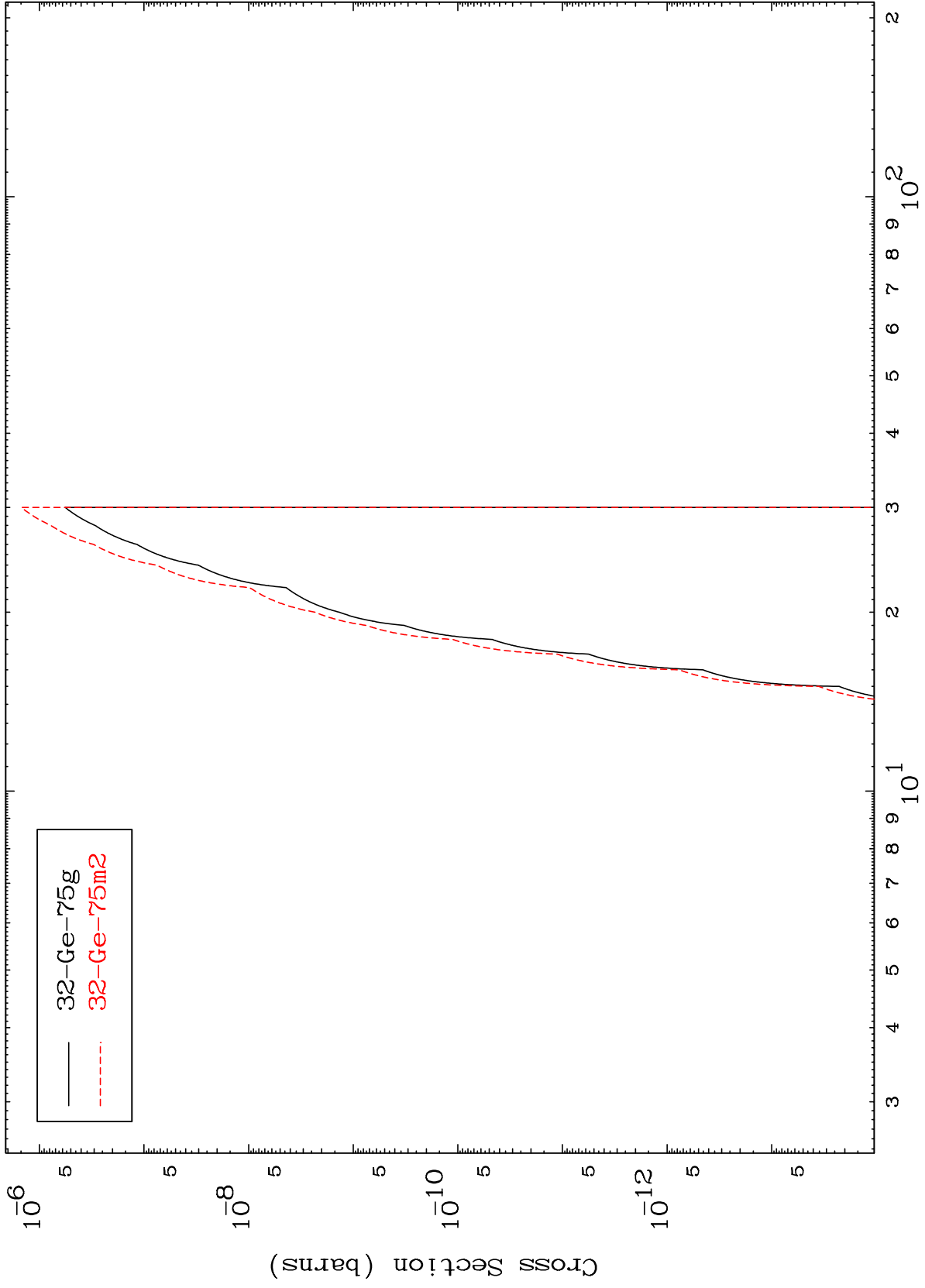
³⁴Se-81

MAT 3446

(n,n') 2α

34-Se-81

Radionuclide Production Cross Section



19

Incident Energy (MeV)

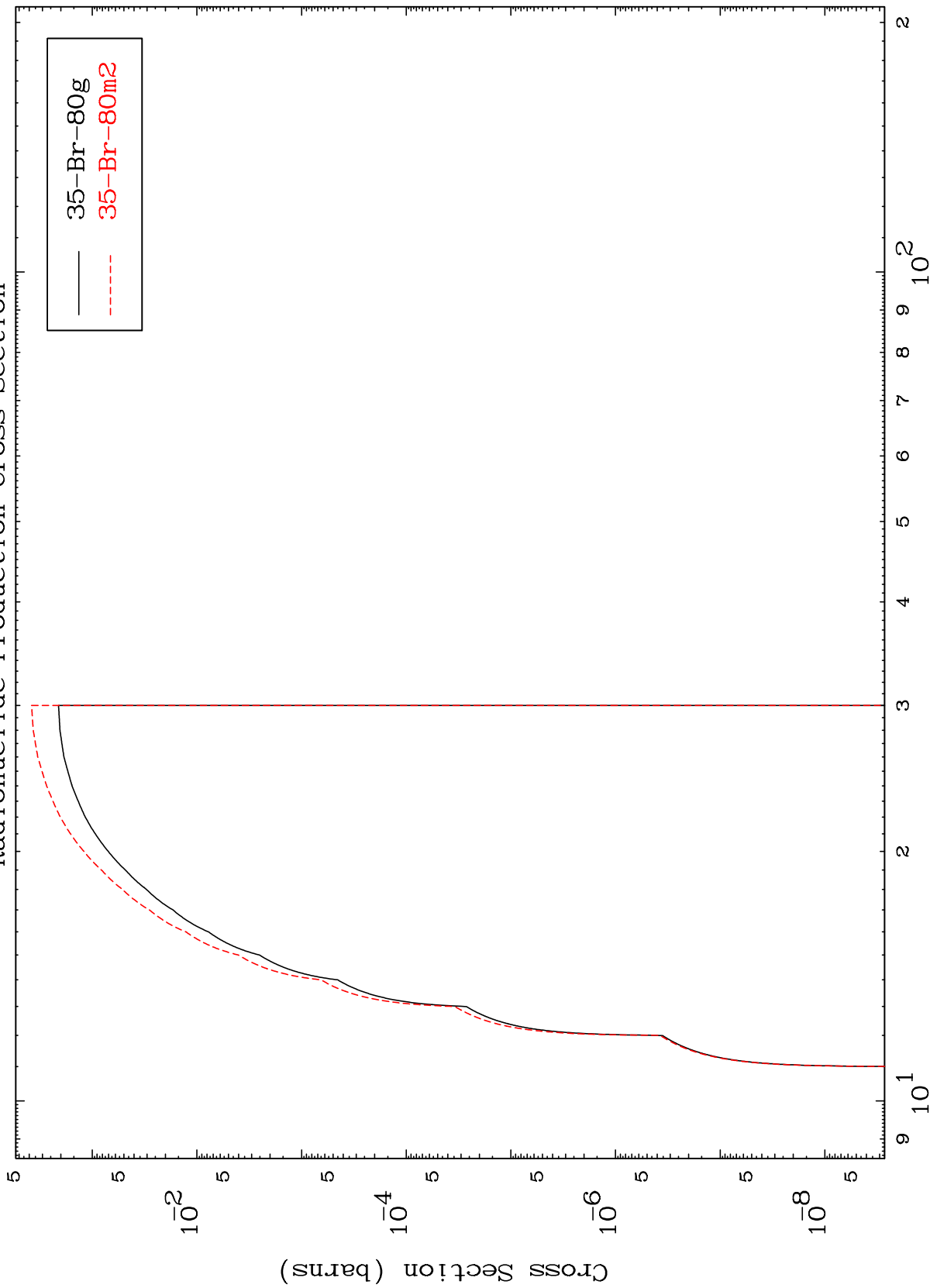
34-Se-81

MAT 3446

(n,n') t

34-Se-81

Radionuclide Production Cross Section



Incident Energy (MeV)

34-Se-81

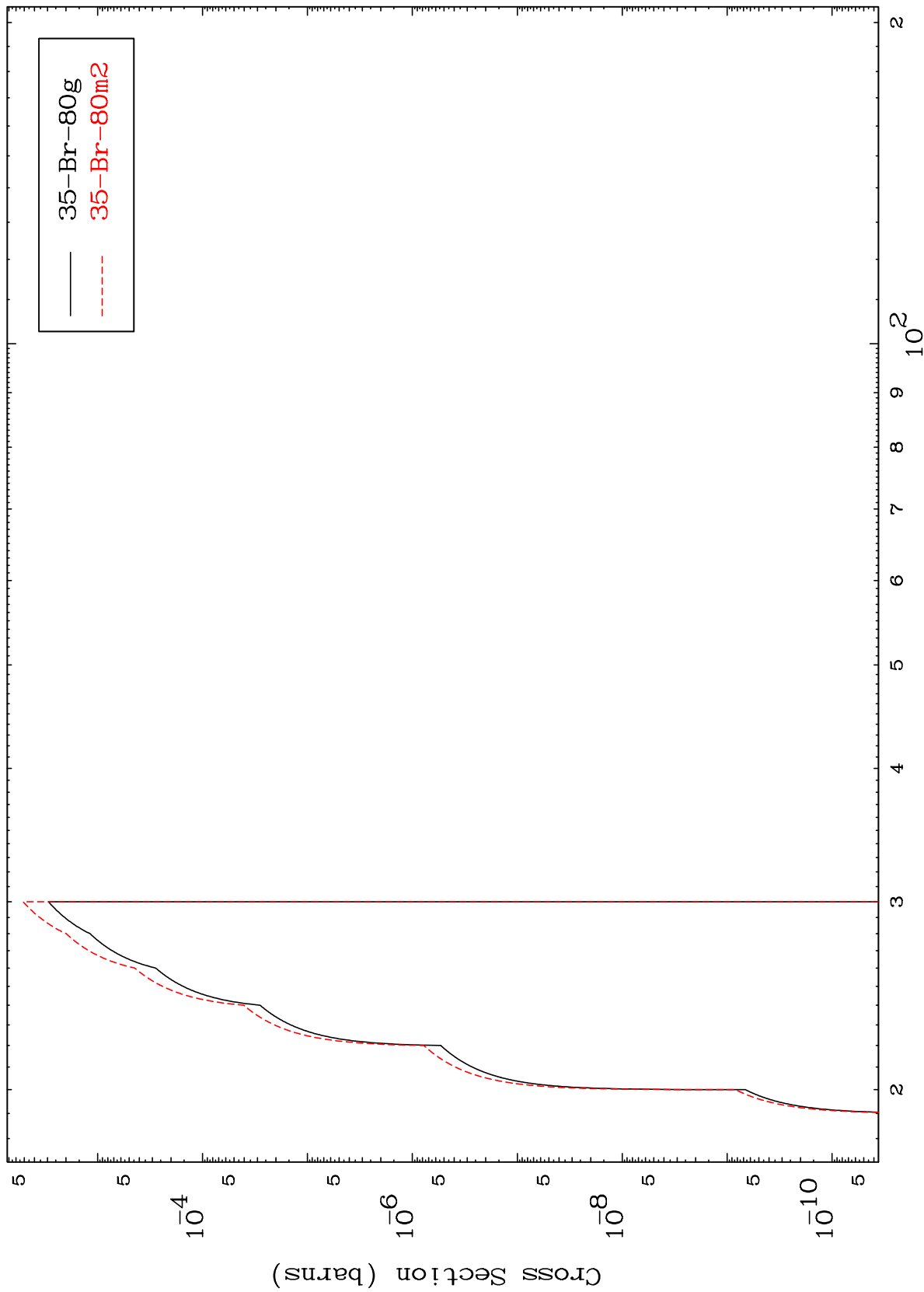
20

MAT 3446

(n,3n) p

³⁴Se-81

Radionuclide Production Cross Section



21

Incident Energy (MeV)

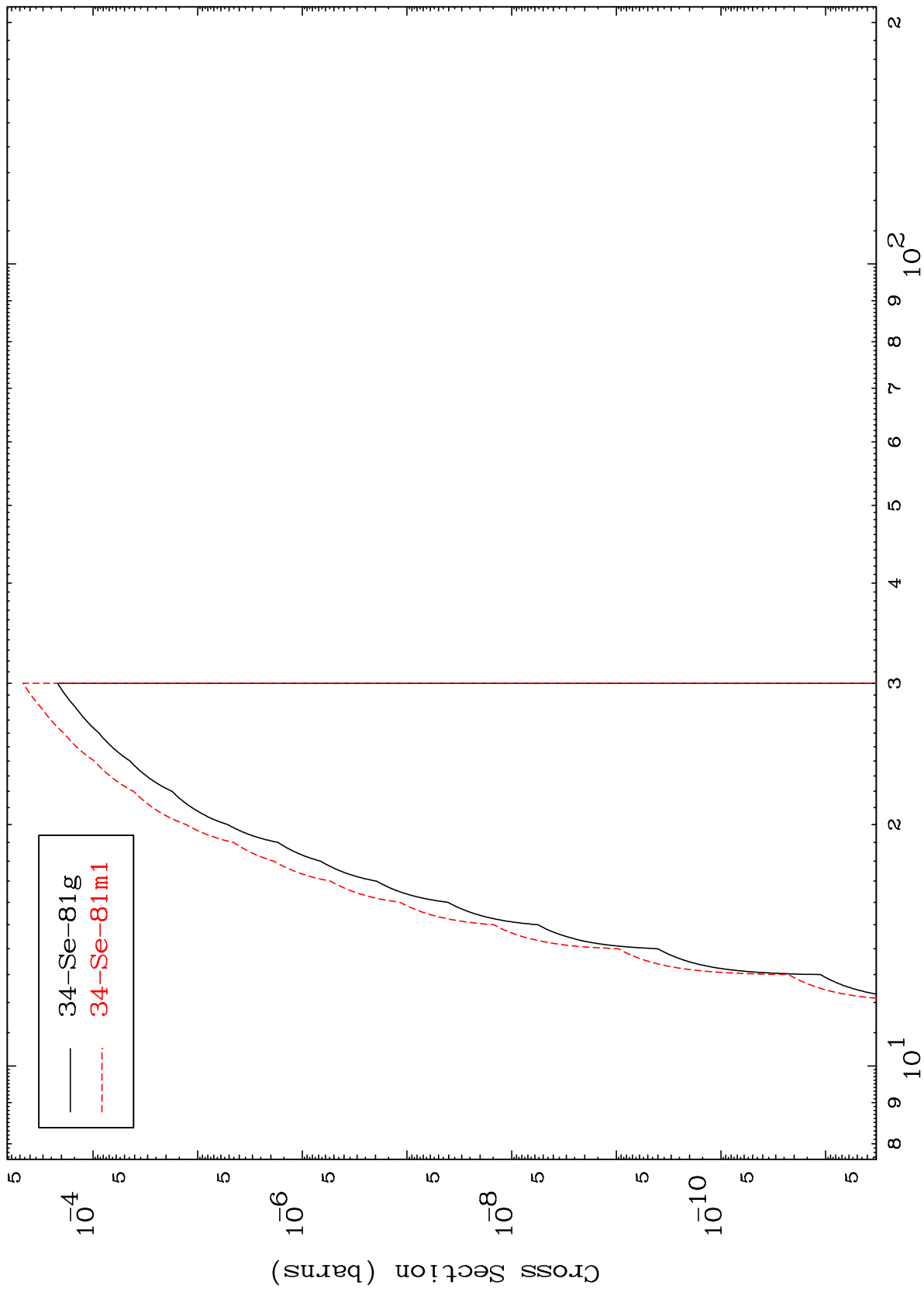
³⁴Se-81

MAT 3446

$(n,2n)$ p

$^{34}\text{Se-81}$

Radionuclide Production Cross Section

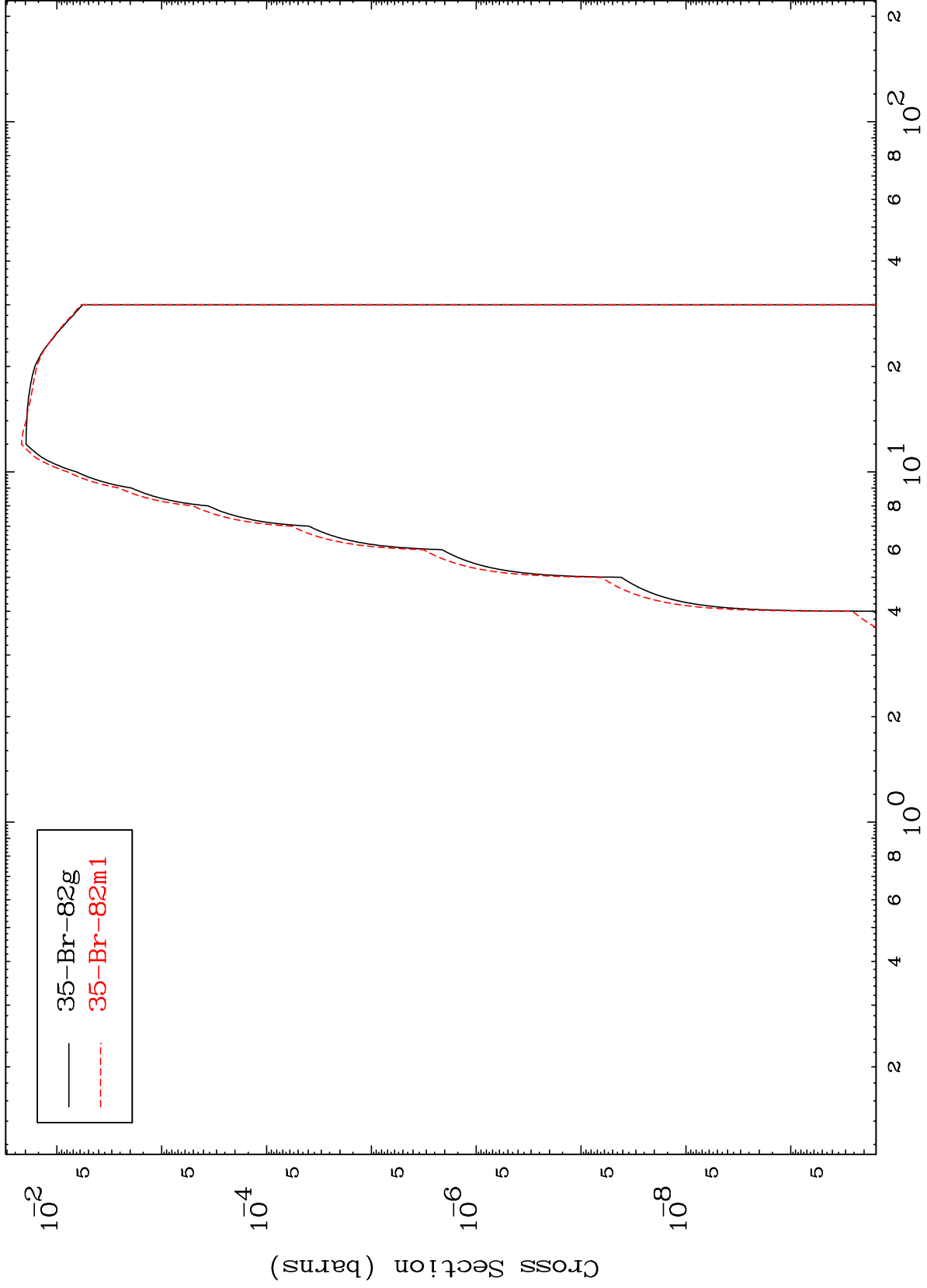


MAT 3446

(n,d)

³⁴Se-81

Radionuclide Production Cross Section

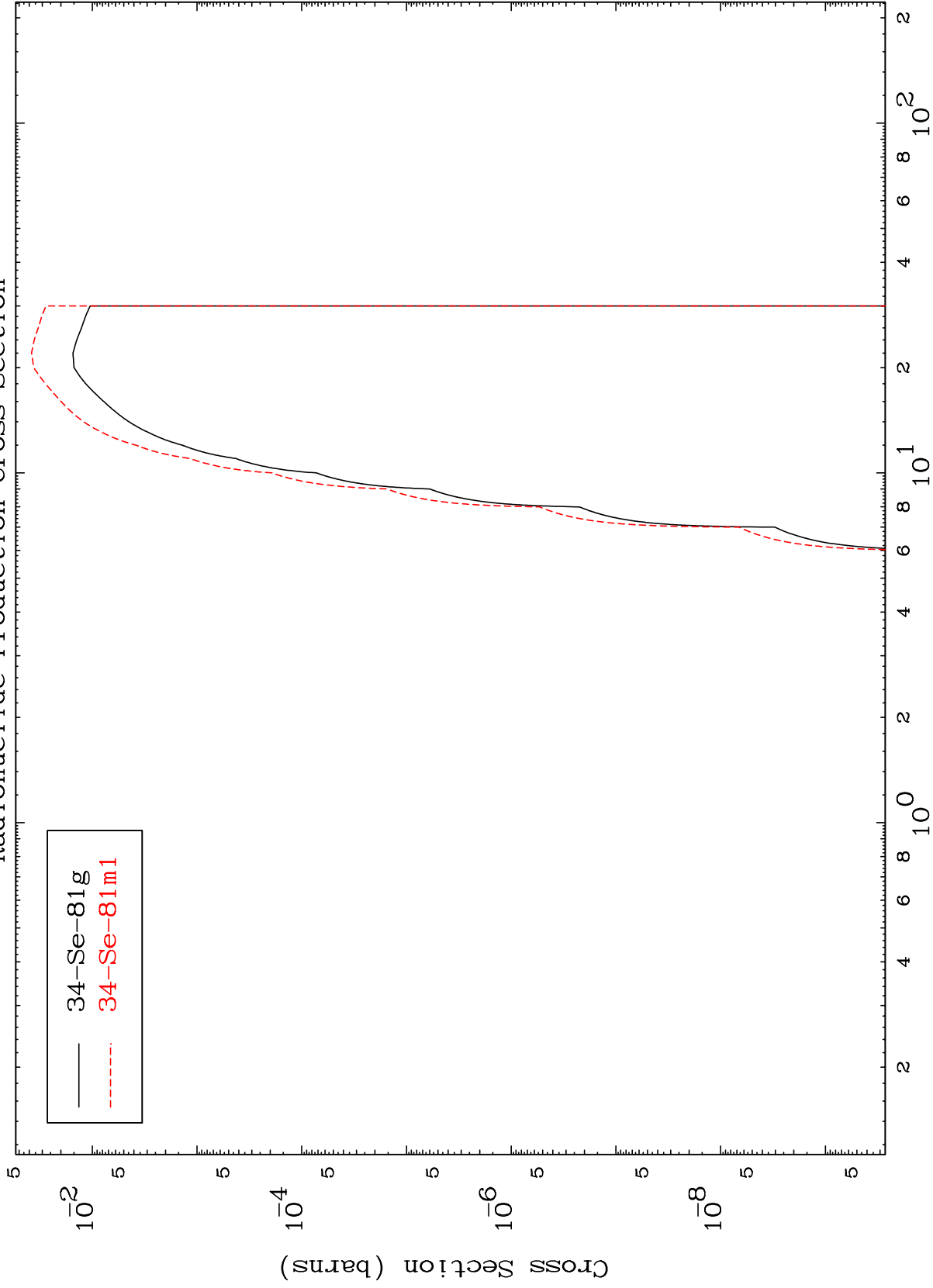


— 35-Br-82g
- - - 35-Br-82m1

MAT 3446

³⁴Se-81

Radionuclide Production Cross Section



24

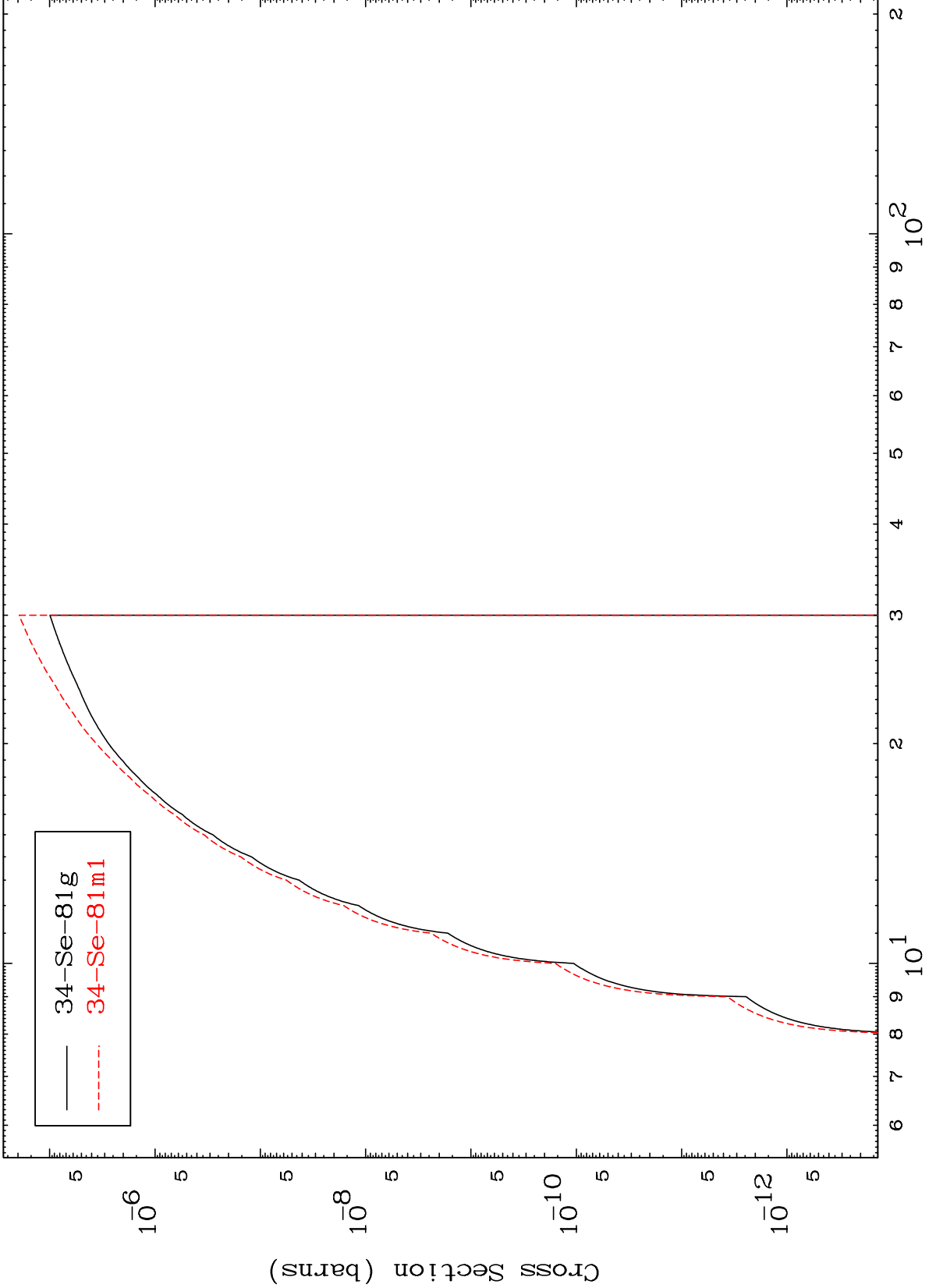
³⁴Se-81

MAT 3446

(n,p) d

³⁴Se-81

Radionuclide Production Cross Section



Legend:
— 34-Se-81g
- - - 34-Se-81m1

25

Incident Energy (MeV)

³⁴Se-81