

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

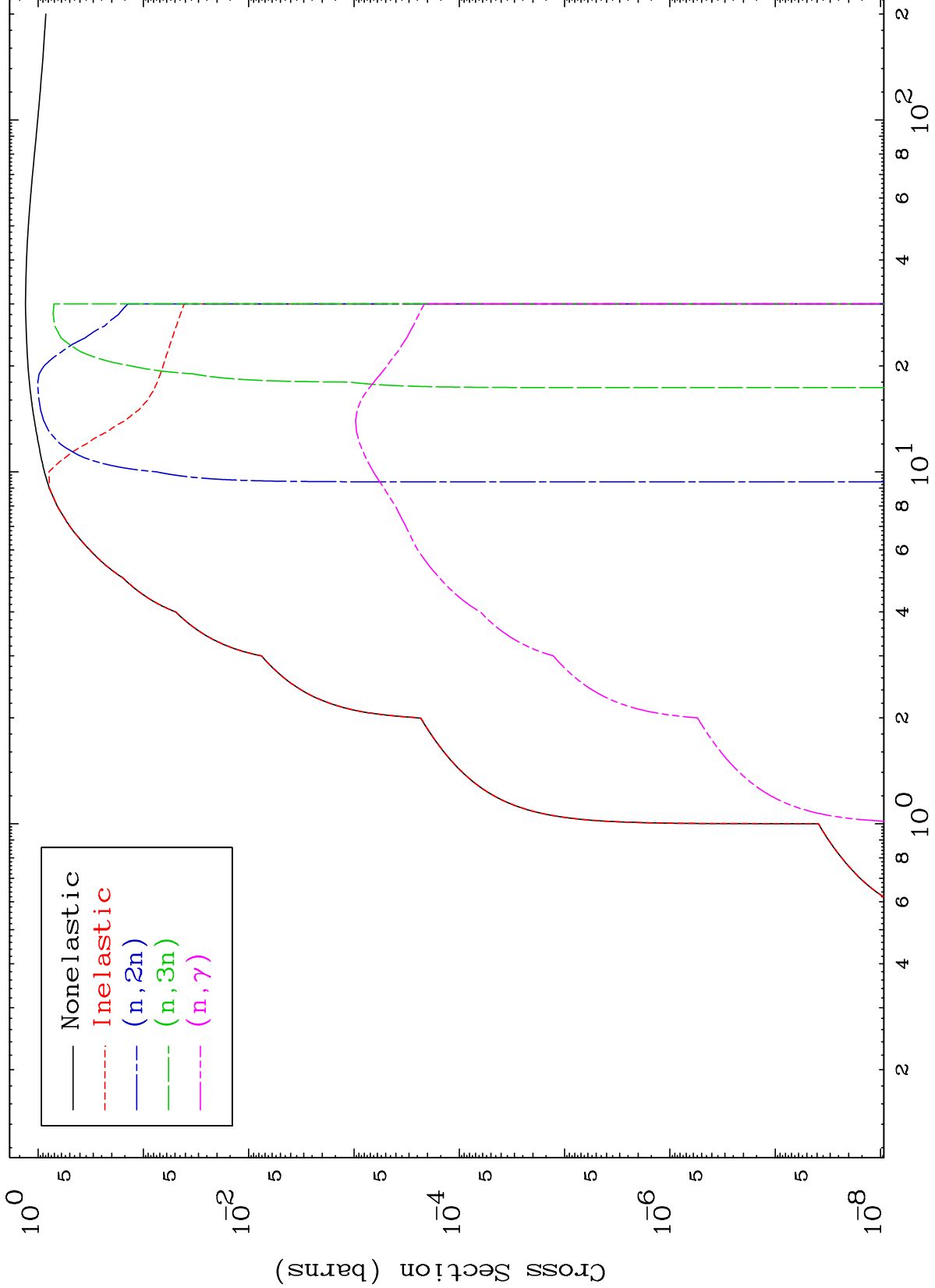
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3447

Proton Major
0 Kelvin Cross Sections

34-Se-81m

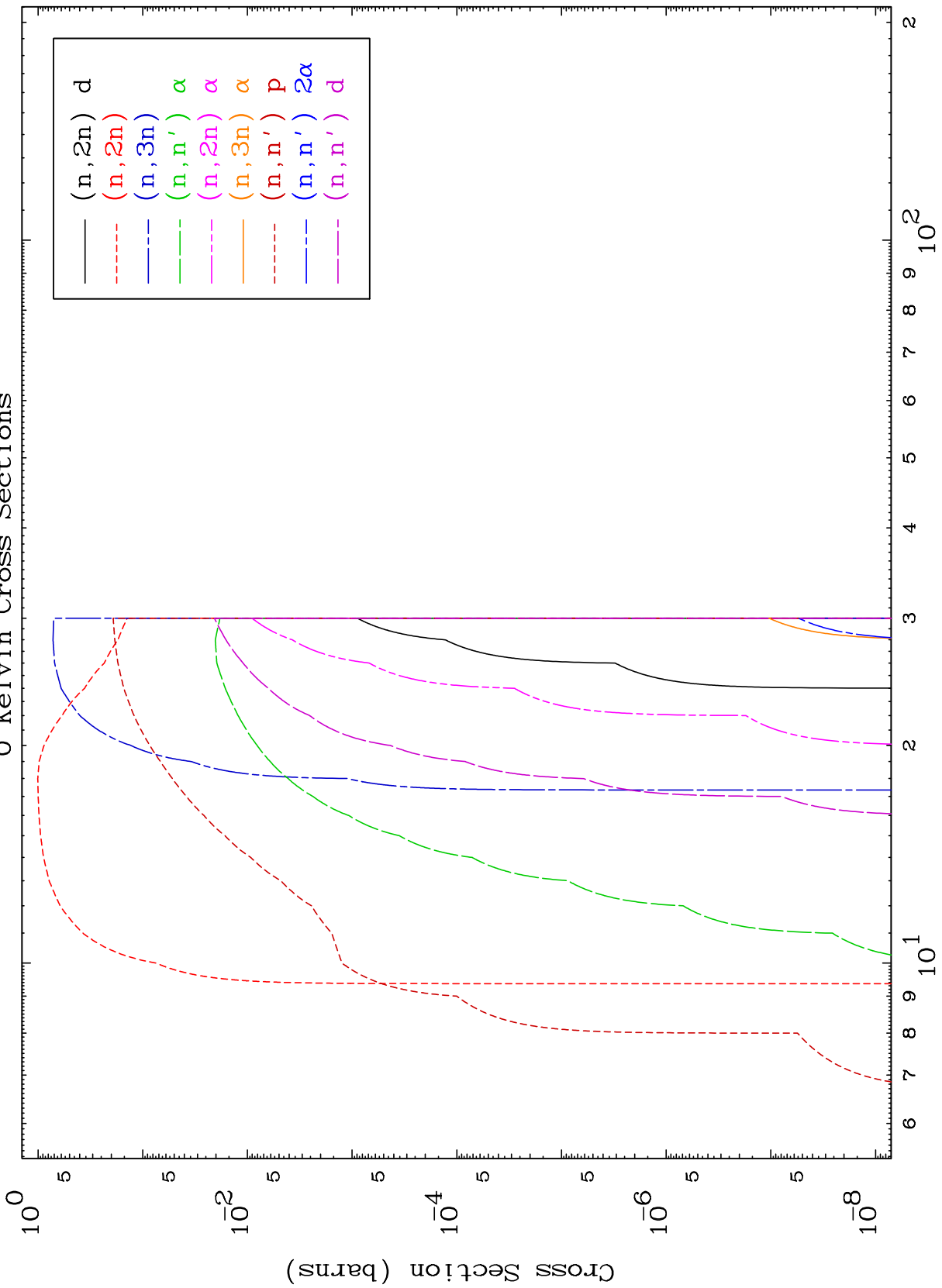


Legend:
— Nonelastic
- - - Inelastic
- · - (n, 2n)
- - - (n, 3n)
- - - (n, γ)

MAT 3447

Proton Neutron Absorption
0 Kelvin Cross Sections

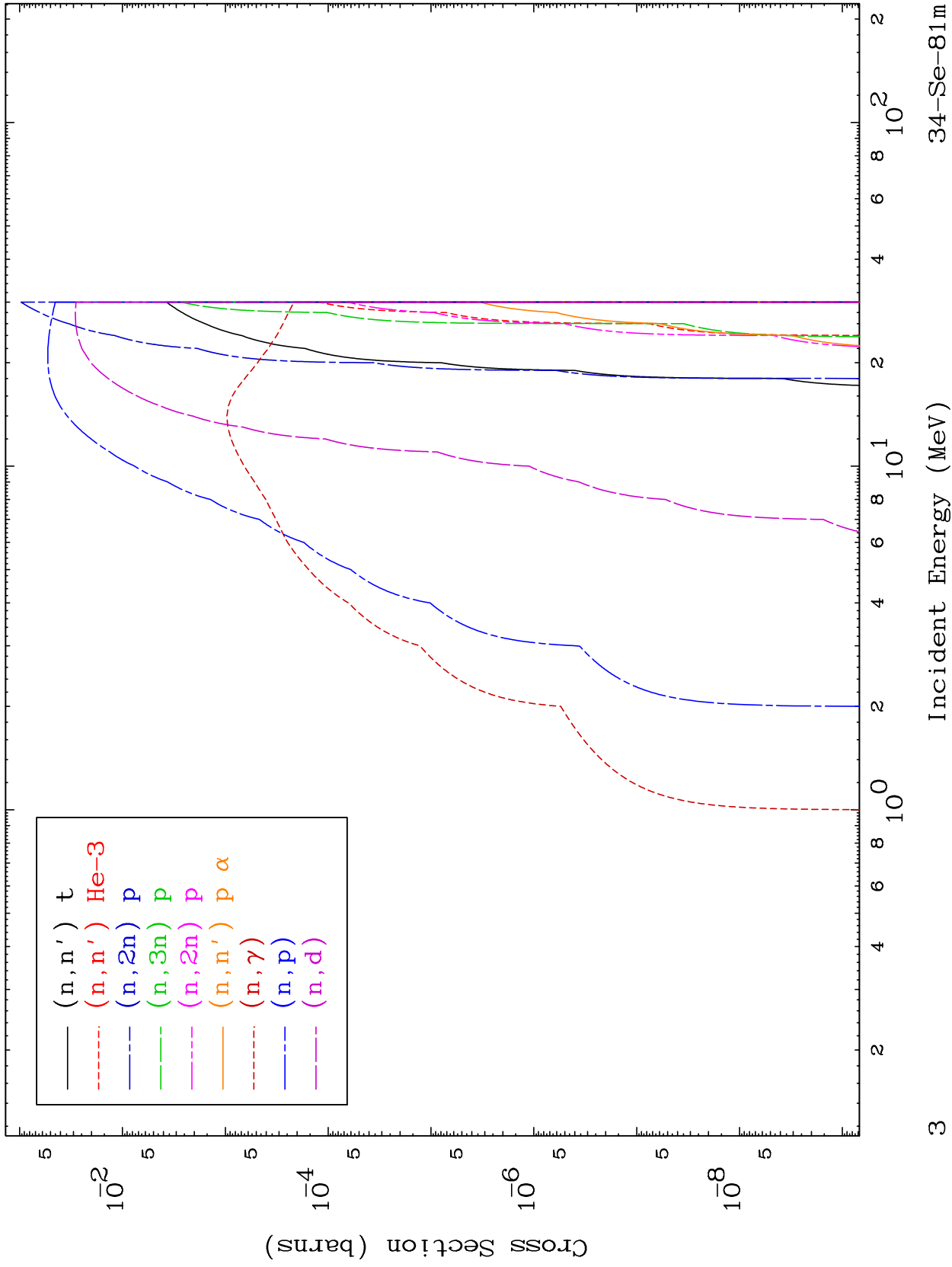
³⁴Se-81m



³⁴Se-81m

Incident Energy (MeV)

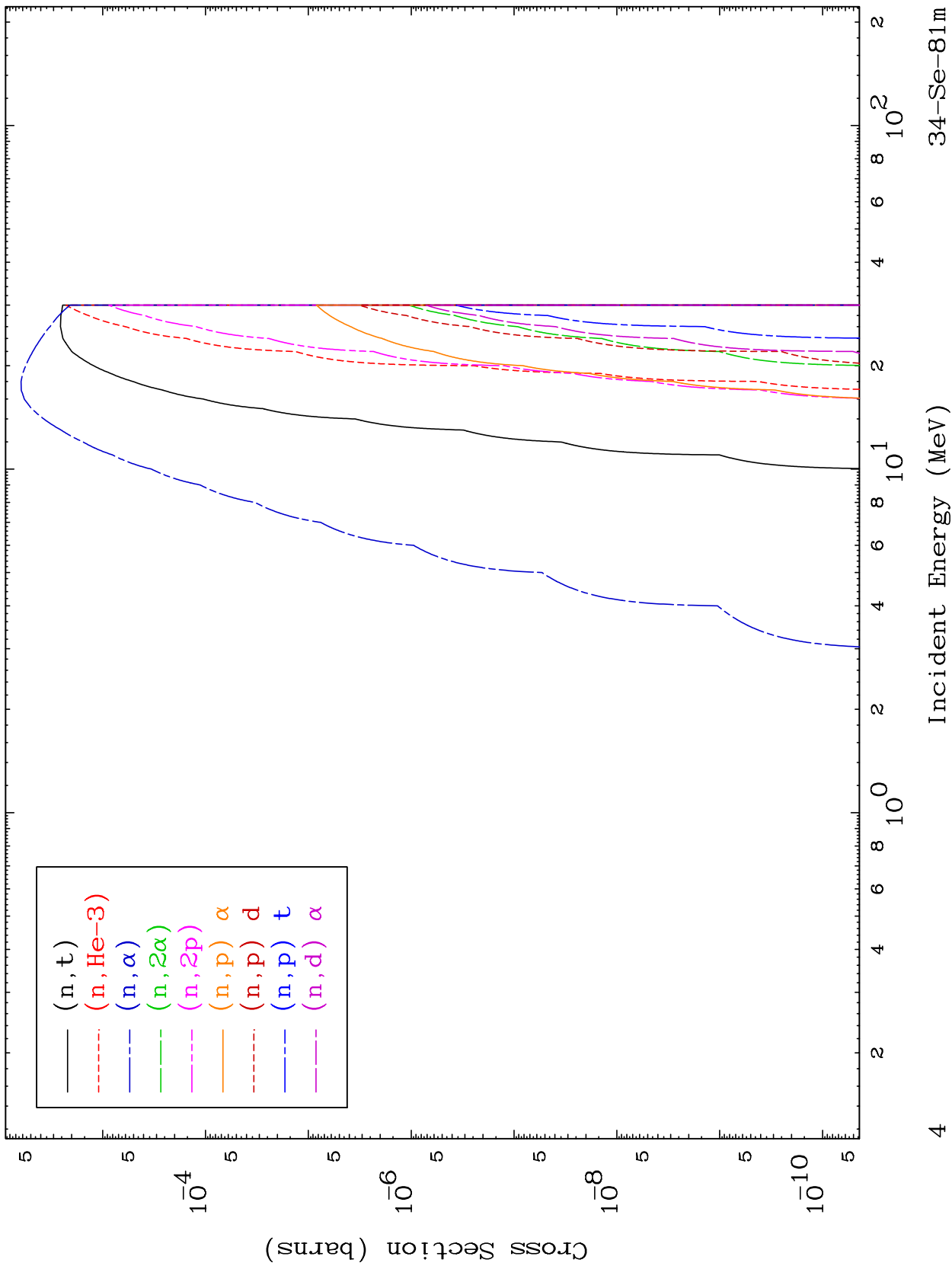
2

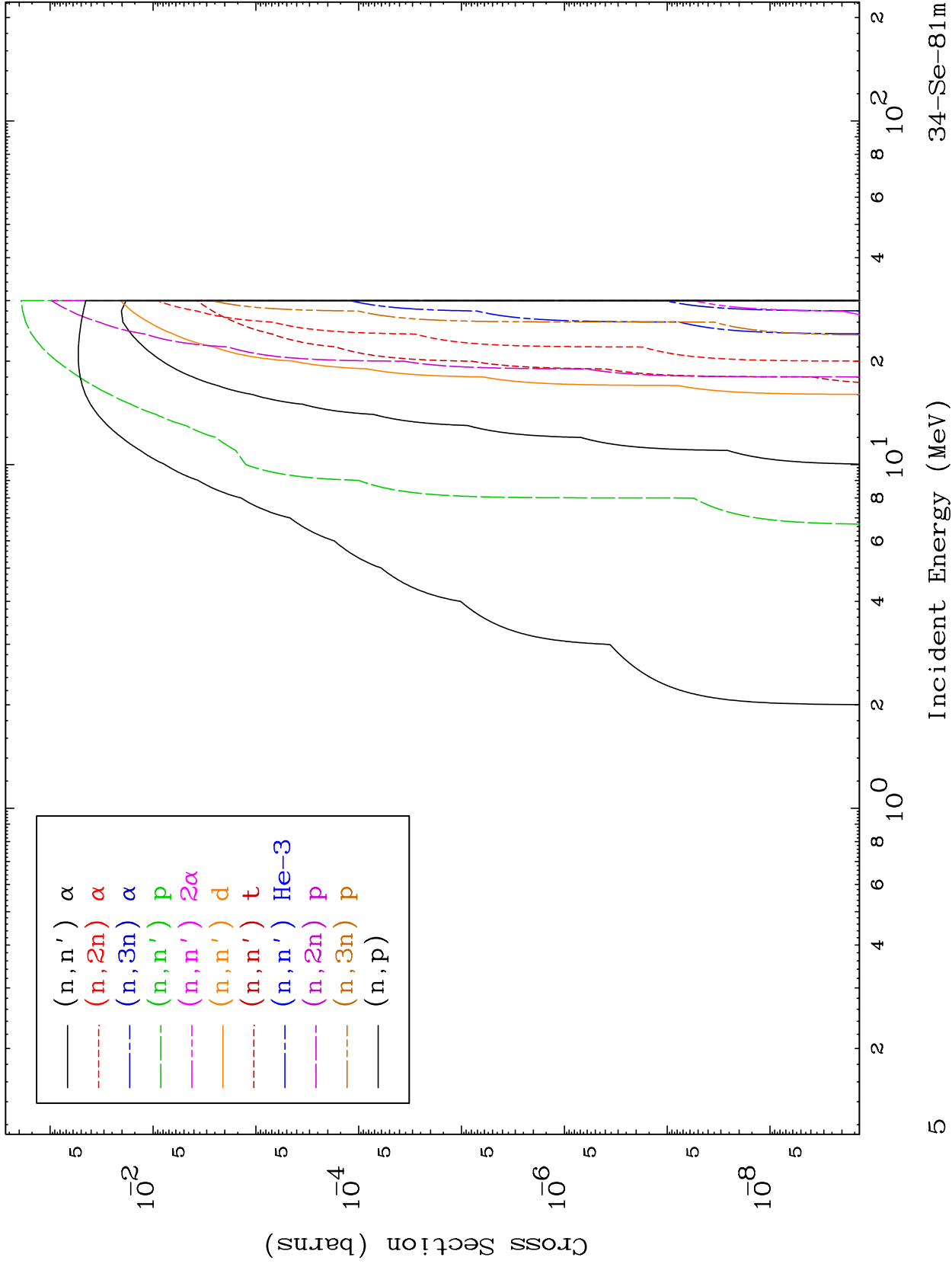


MAT 3447

Proton Neutron Absorption
0 Kelvin Cross Sections

34-Se-81m

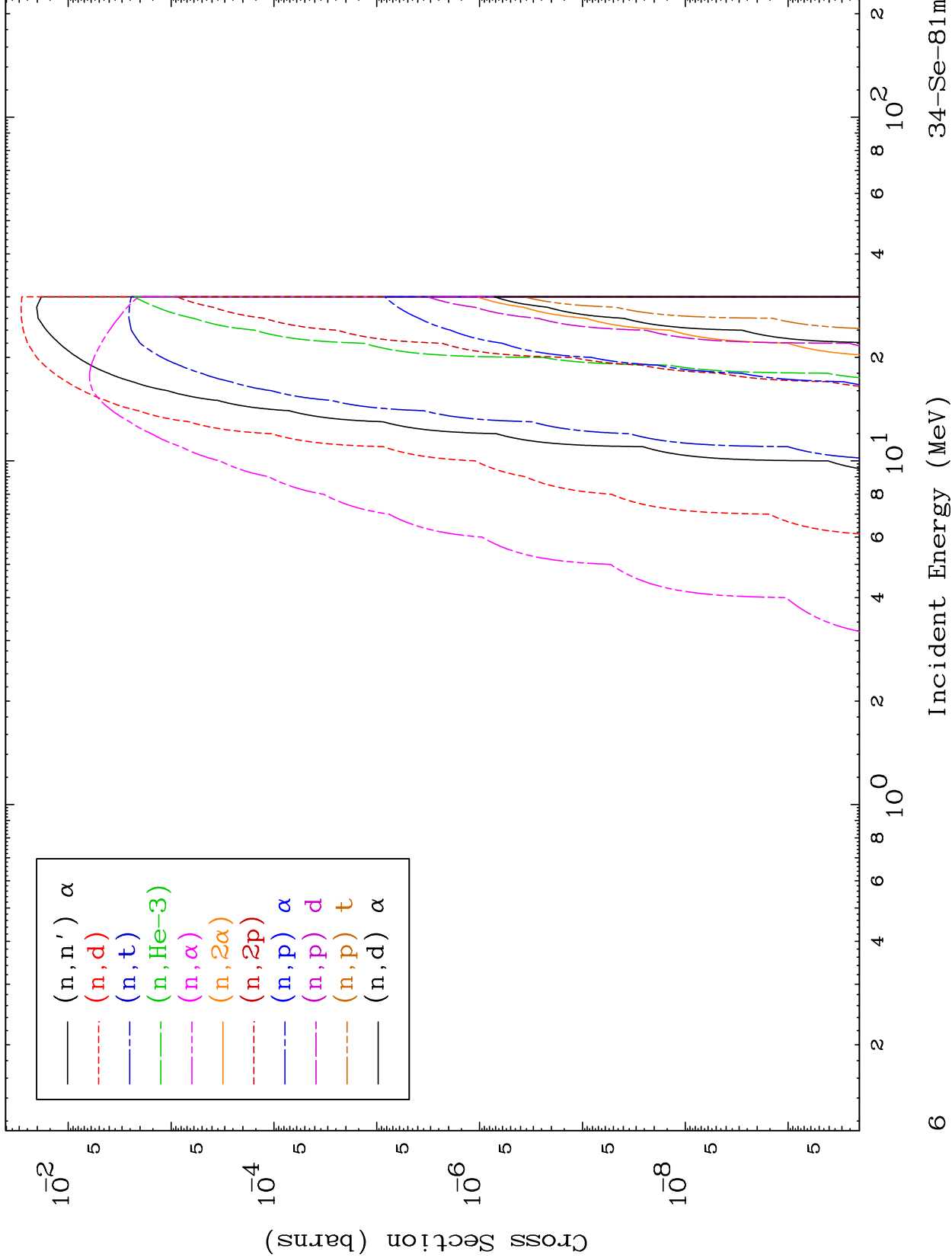




MAT 3447

Proton Charged Particle
0 Kelvin Cross Sections

³⁴Se-81m

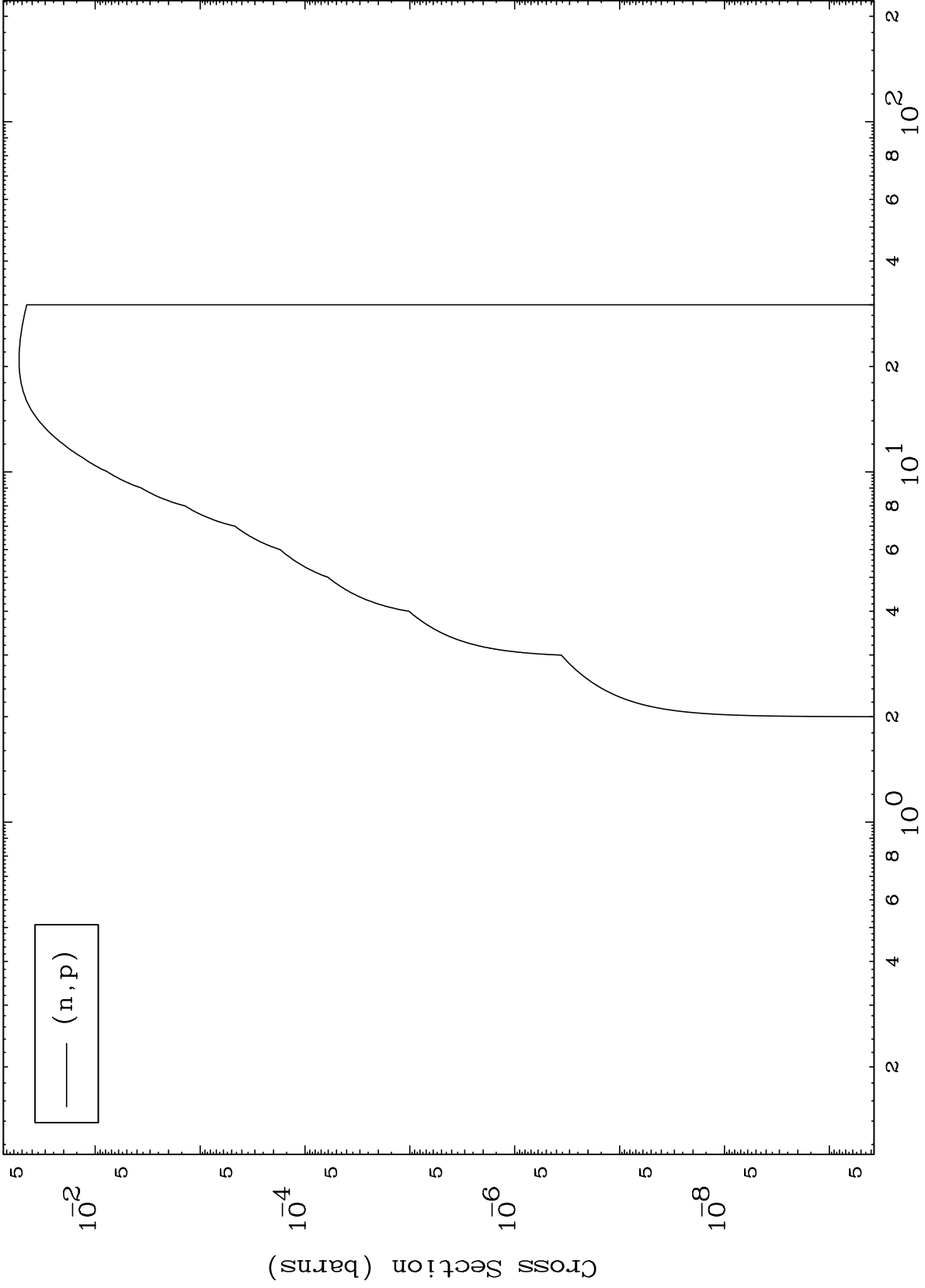


³⁴Se-81m

MAT 3447

(p,p) Levels
0 Kelvin Cross Sections

34-Se-81m



7

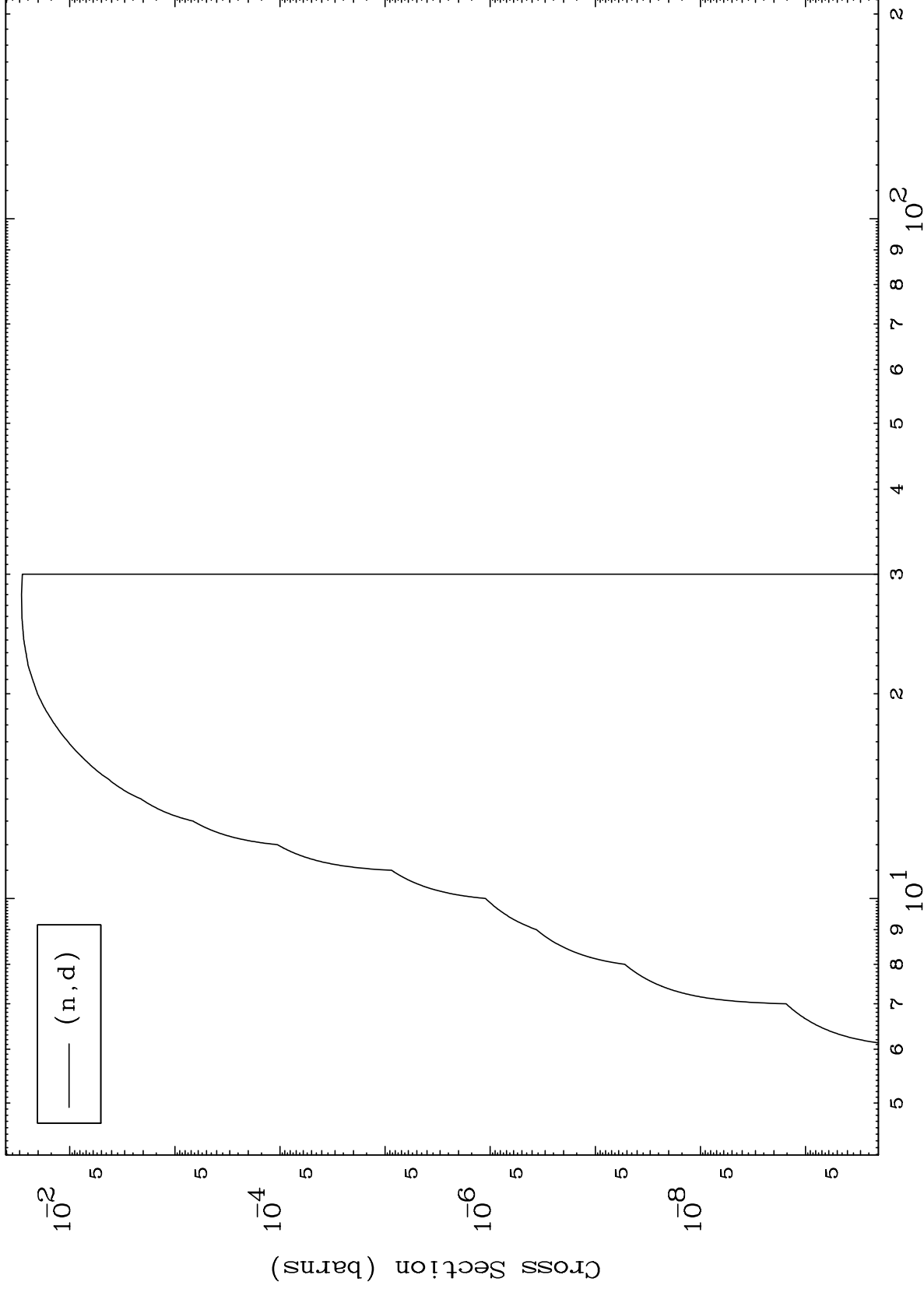
Incident Energy (MeV)

34-Se-81m

MAT 3447

(p,d) Levels
0 Kelvin Cross Sections

³⁴Se-81m



8

Incident Energy (MeV)

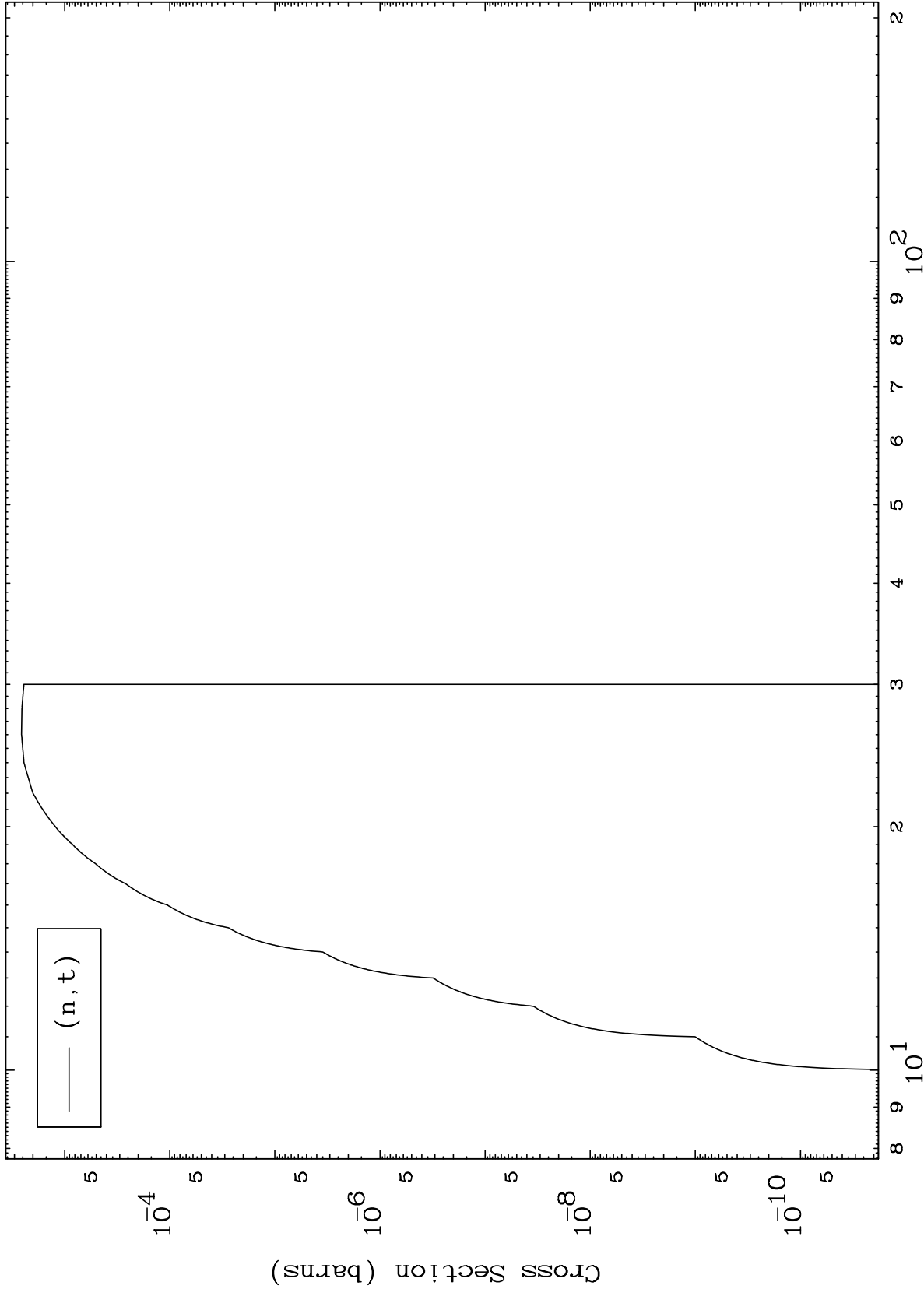
³⁴Se-81m

MAT 3447

(p,t) Levels

³⁴Se-81m

0 Kelvin Cross Sections



9

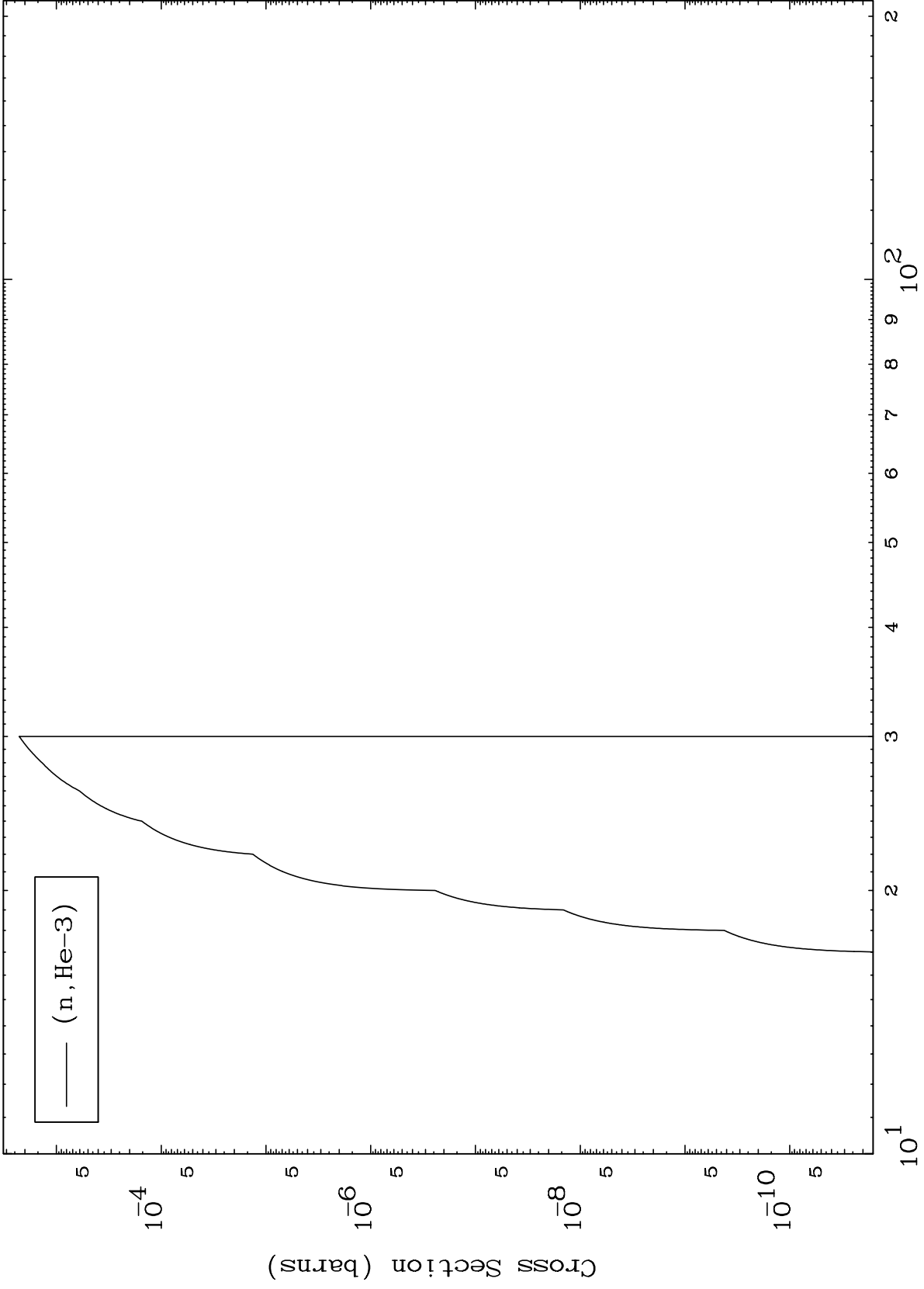
Incident Energy (MeV)

³⁴Se-81m

MAT 3447

(p,He3) Levels
0 Kelvin Cross Sections

³⁴Se-81m



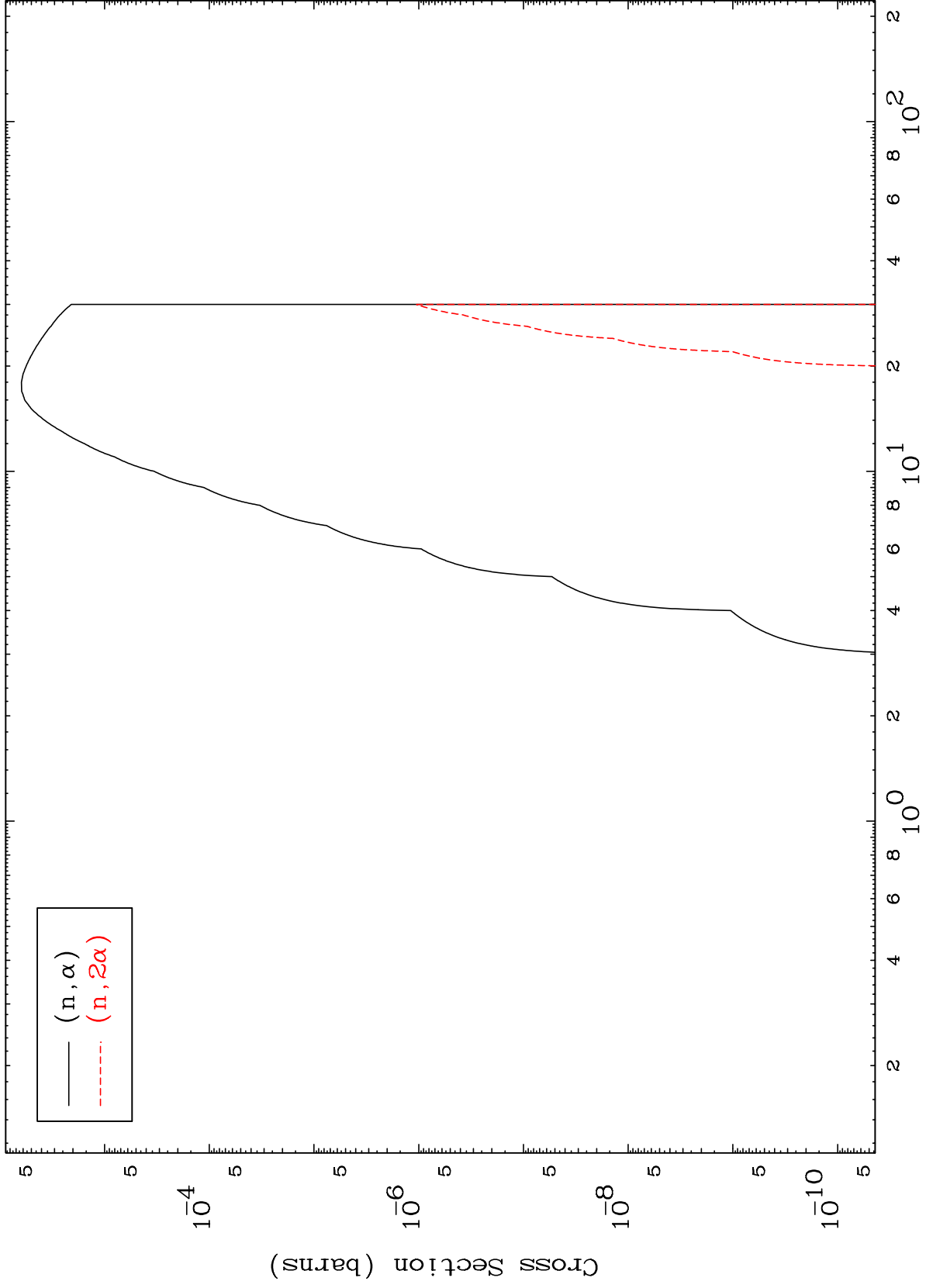
³⁴Se-81m

Incident Energy (MeV)

MAT 3447

(p, α) Levels
0 Kelvin Cross Sections

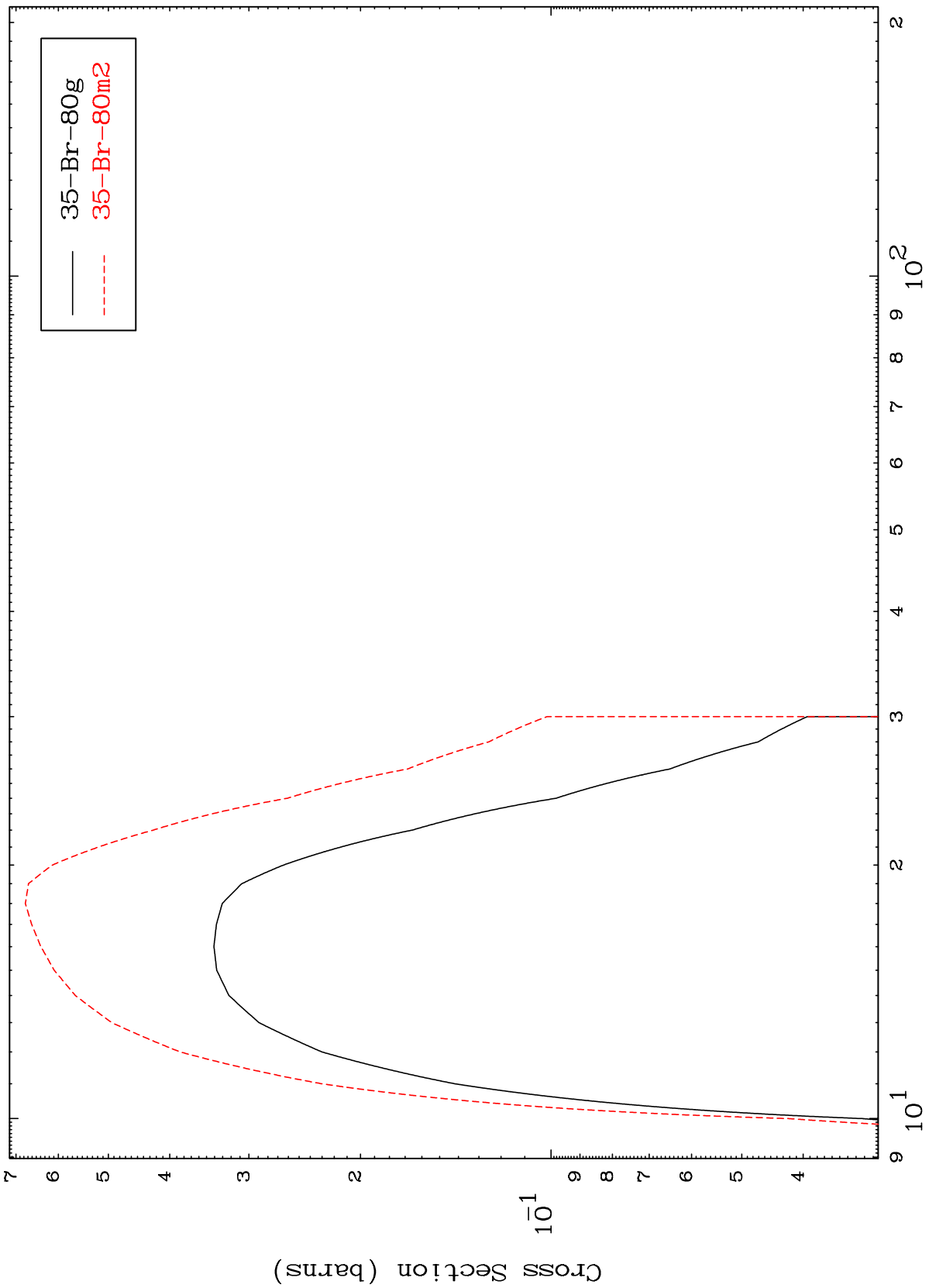
³⁴Se-81m



MAT 3447

34-Se-81m

(n,2n)
Radionuclide Production Cross Section



35-Br-80g
35-Br-80m2

34-Se-81m

Incident Energy (MeV)

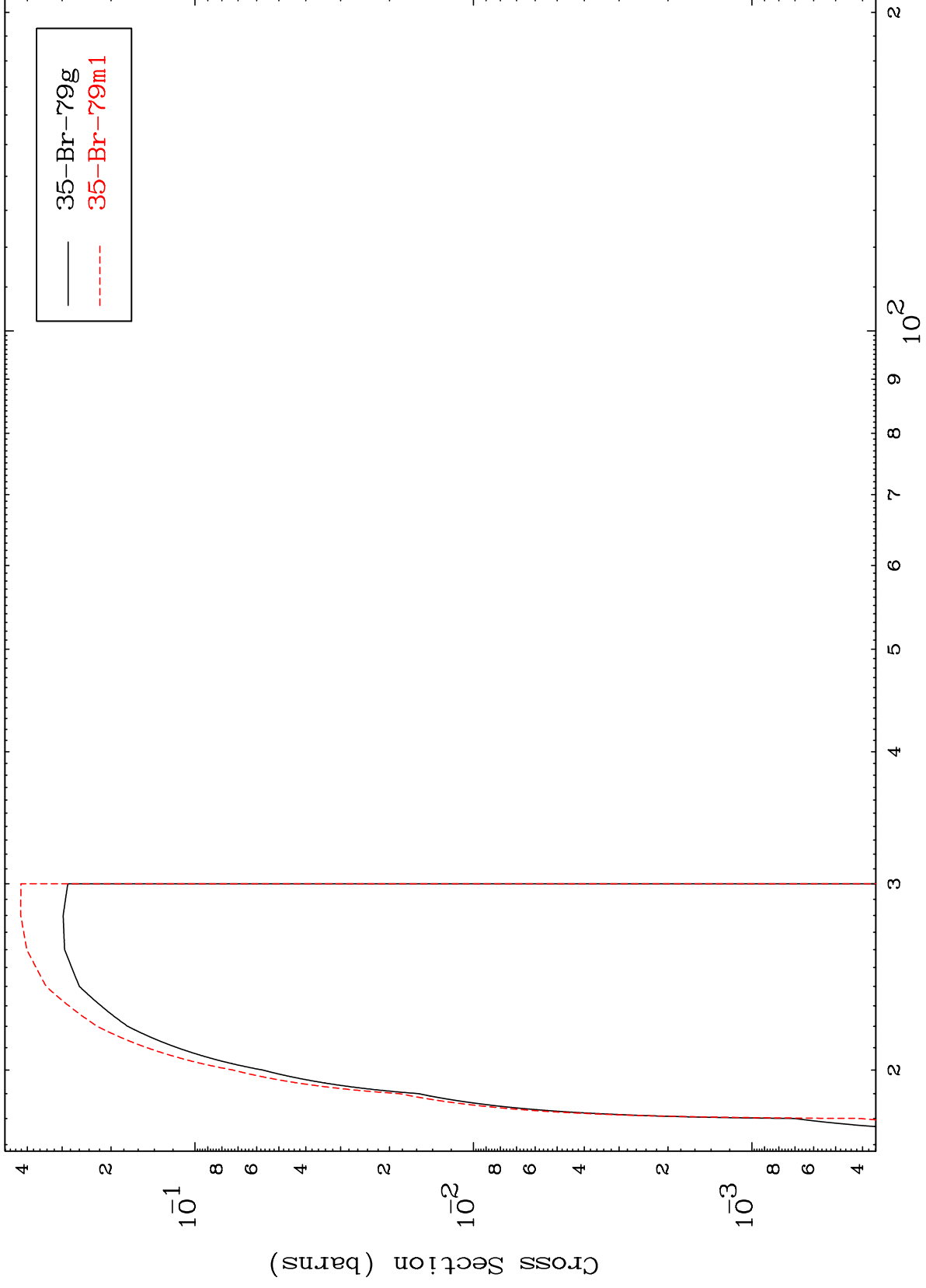
12

MAT 3447

(n,3n)

34-Se-81m

Radionuclide Production Cross Section



13

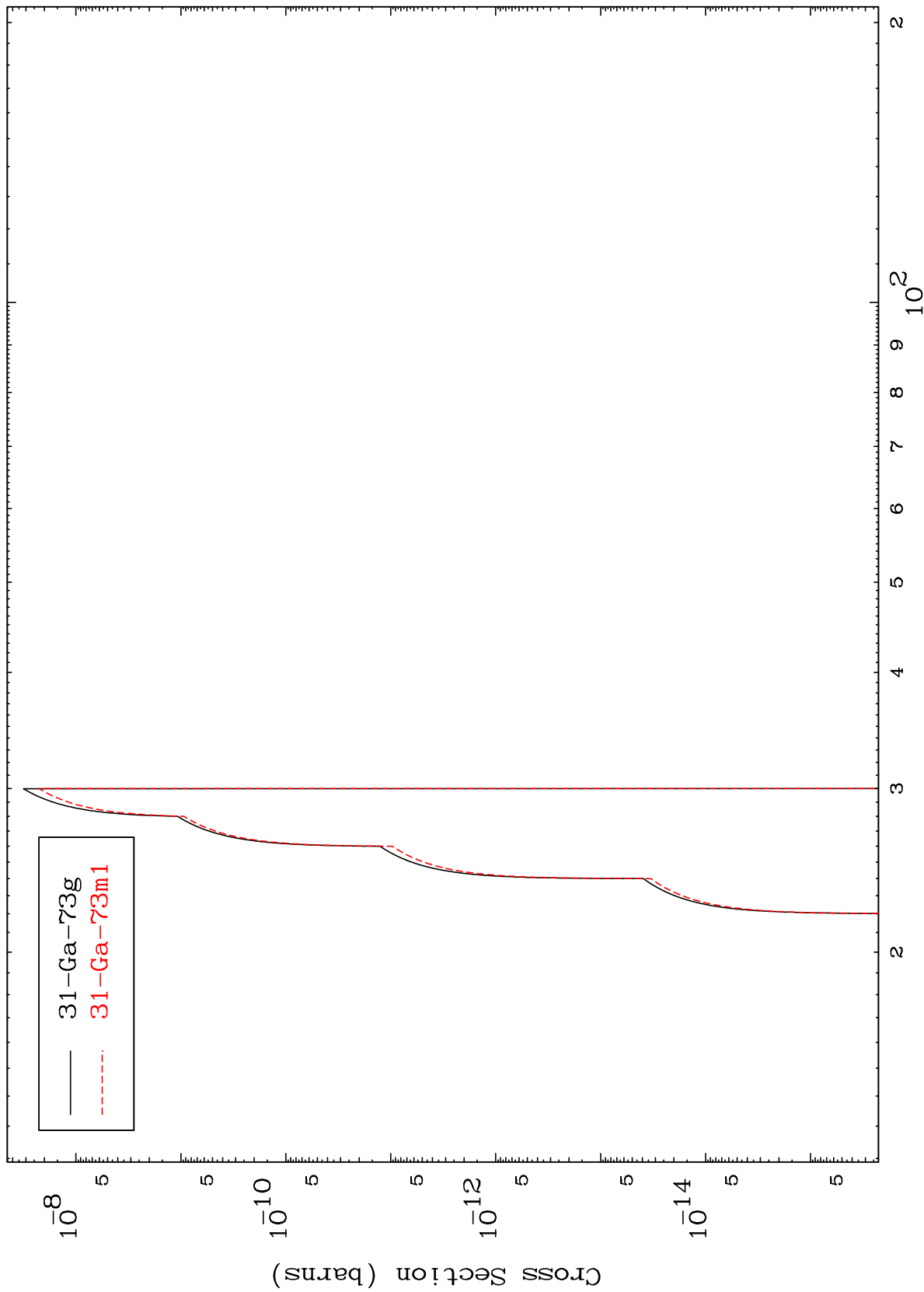
Incident Energy (MeV)

34-Se-81m

MAT 3447

34-Se-81m

(n,n') 2 α
Radionuclide Production Cross Section



14

34-Se-81m

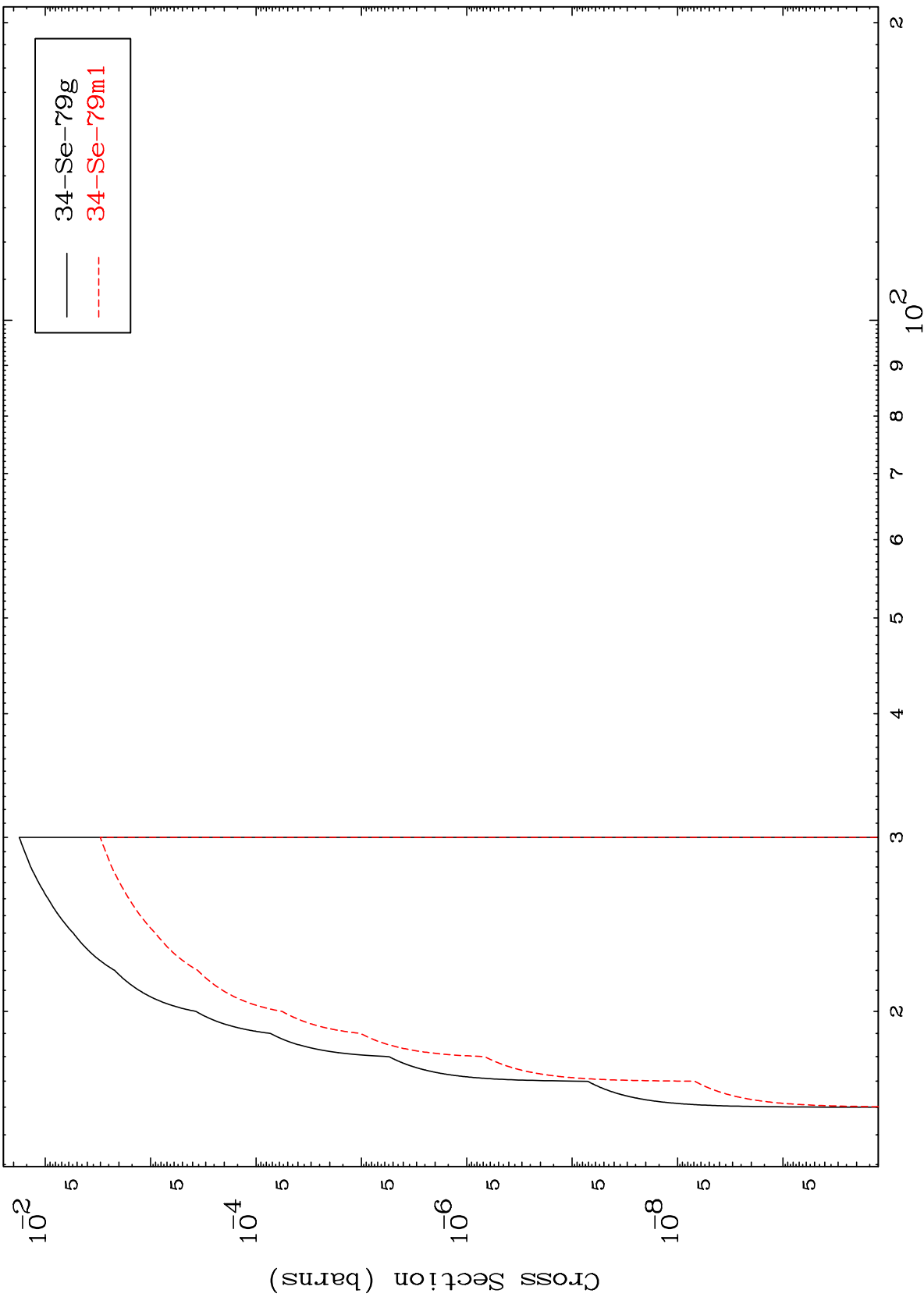
Incident Energy (MeV)

MAT 3447

(n,n') d

34-Se-81m

Radionuclide Production Cross Section



15

Incident Energy (MeV)

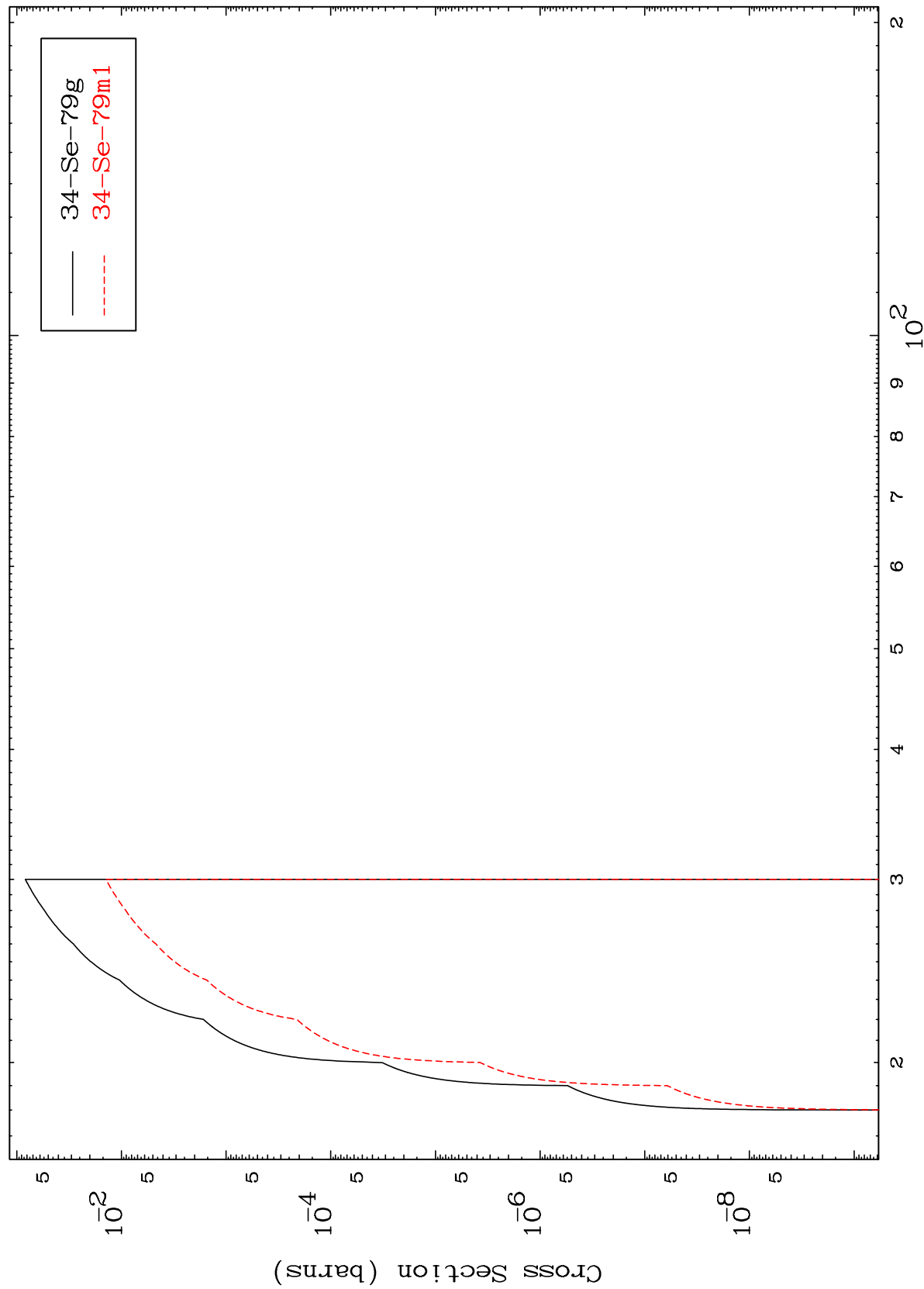
34-Se-81m

MAT 3447

$(n,2n)$ p

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

Radionuclide Production Cross Section



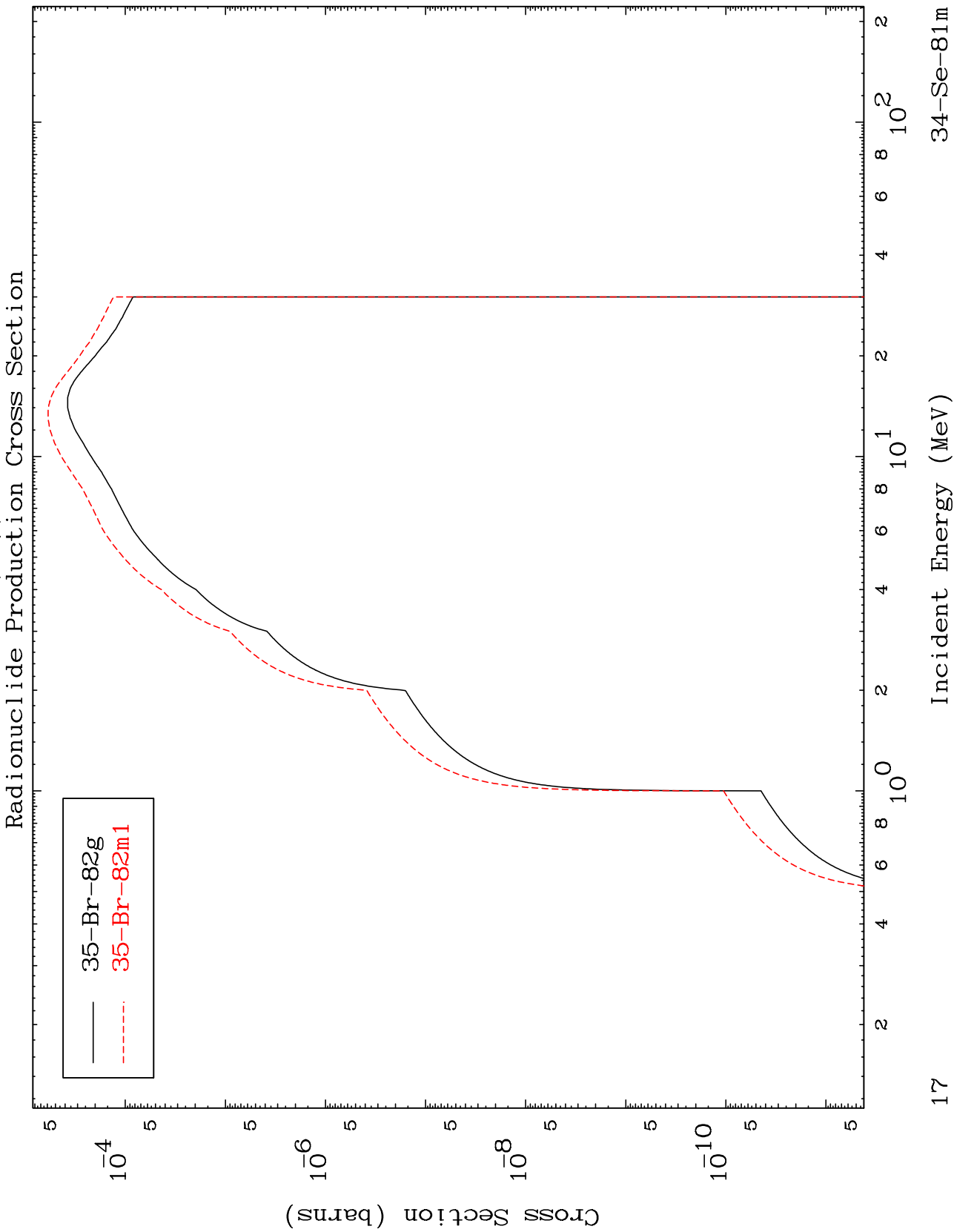
16

Incident Energy (MeV)

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

MAT 3447

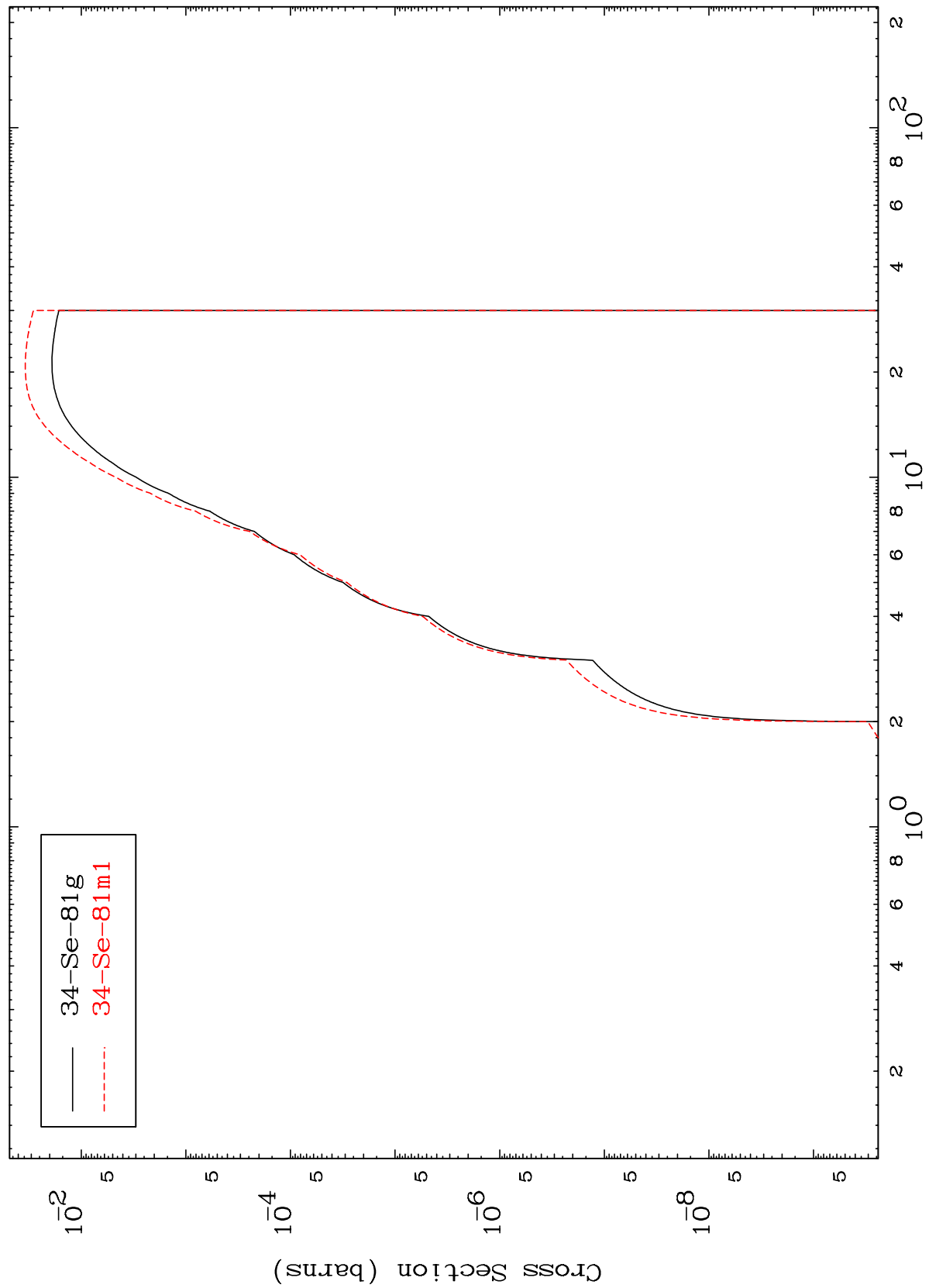
³⁴Se-81m



MAT 3447

³⁴Se-81m

(n,p)
Radionuclide Production Cross Section



³⁴Se-81m

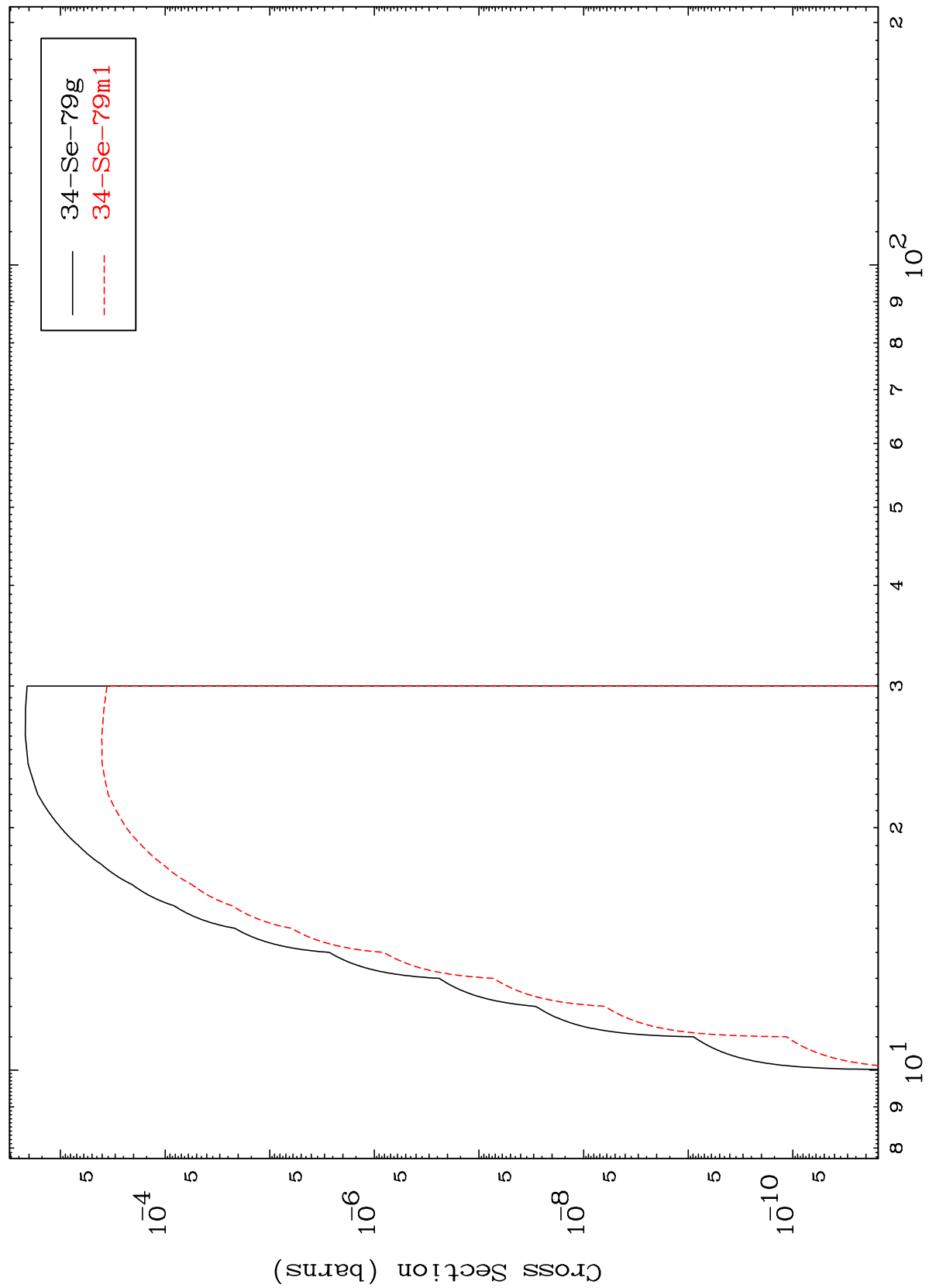
Incident Energy (MeV)

18

MAT 3447

34-Se-81m

(n,t)
Radionuclide Production Cross Section



19

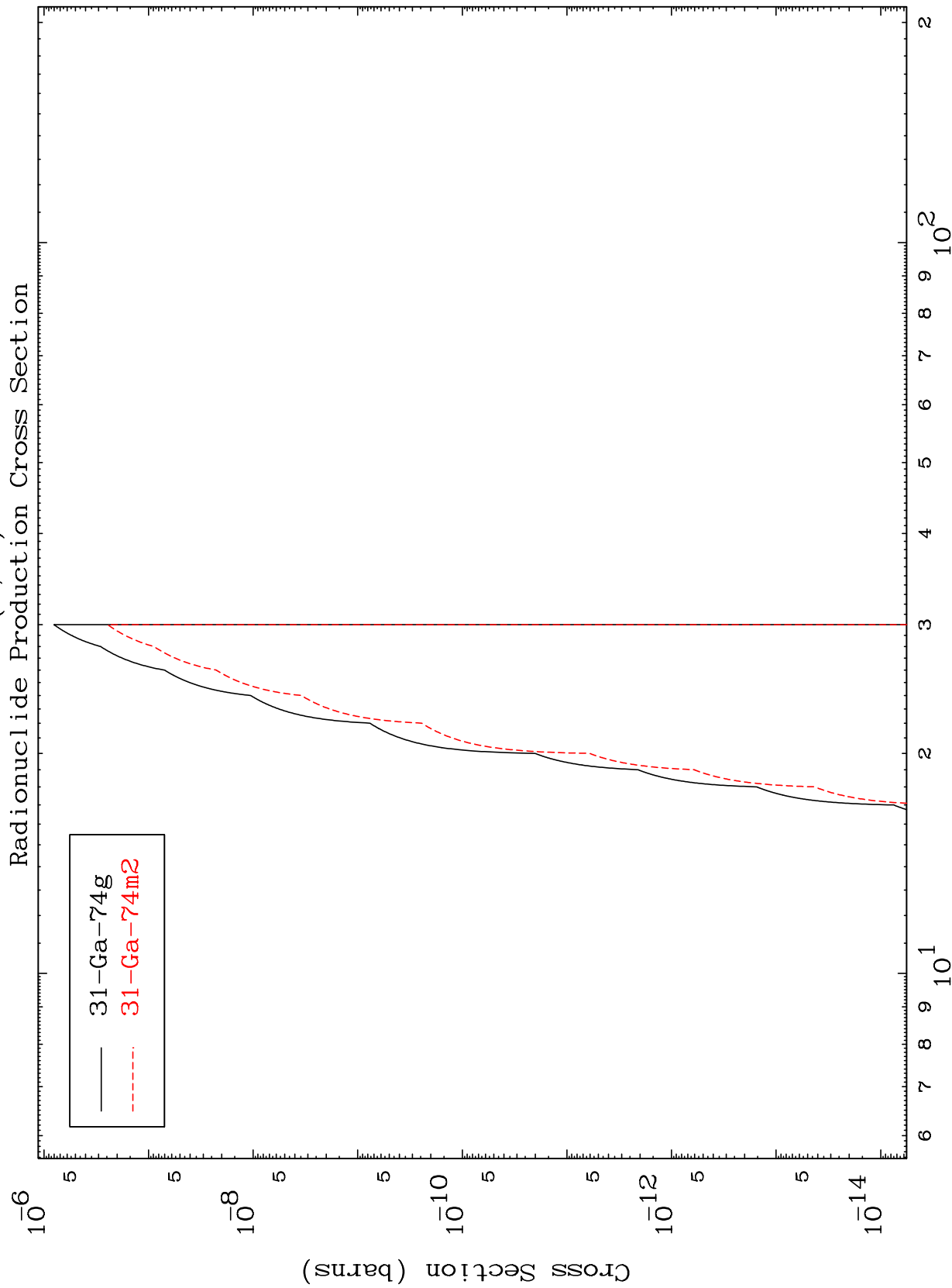
Incident Energy (MeV)

34-Se-81m

MAT 3447

34-Se-81m

Radionuclide Production Cross Section



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

34-Se-81m

Incident Energy (MeV)

20

MAT 3447

(n,p) α

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

Radionuclide Production Cross Section

