

Program EVALPLOT
(Version 2018-1)

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

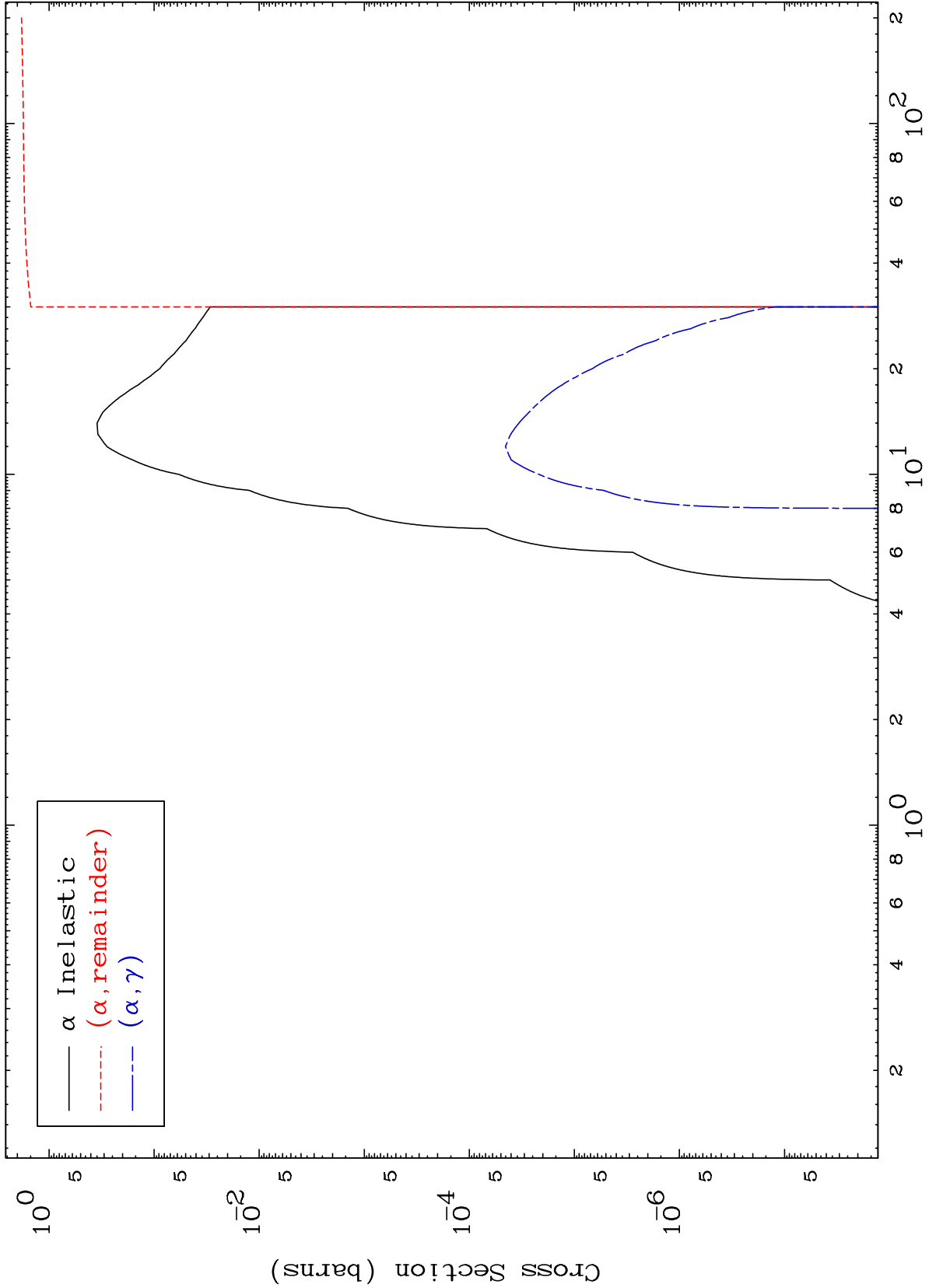
Press Mouse Button to Start

MAT 3443

α Major

$^{34}\text{Se-80}$

0 Kelvin Cross Sections

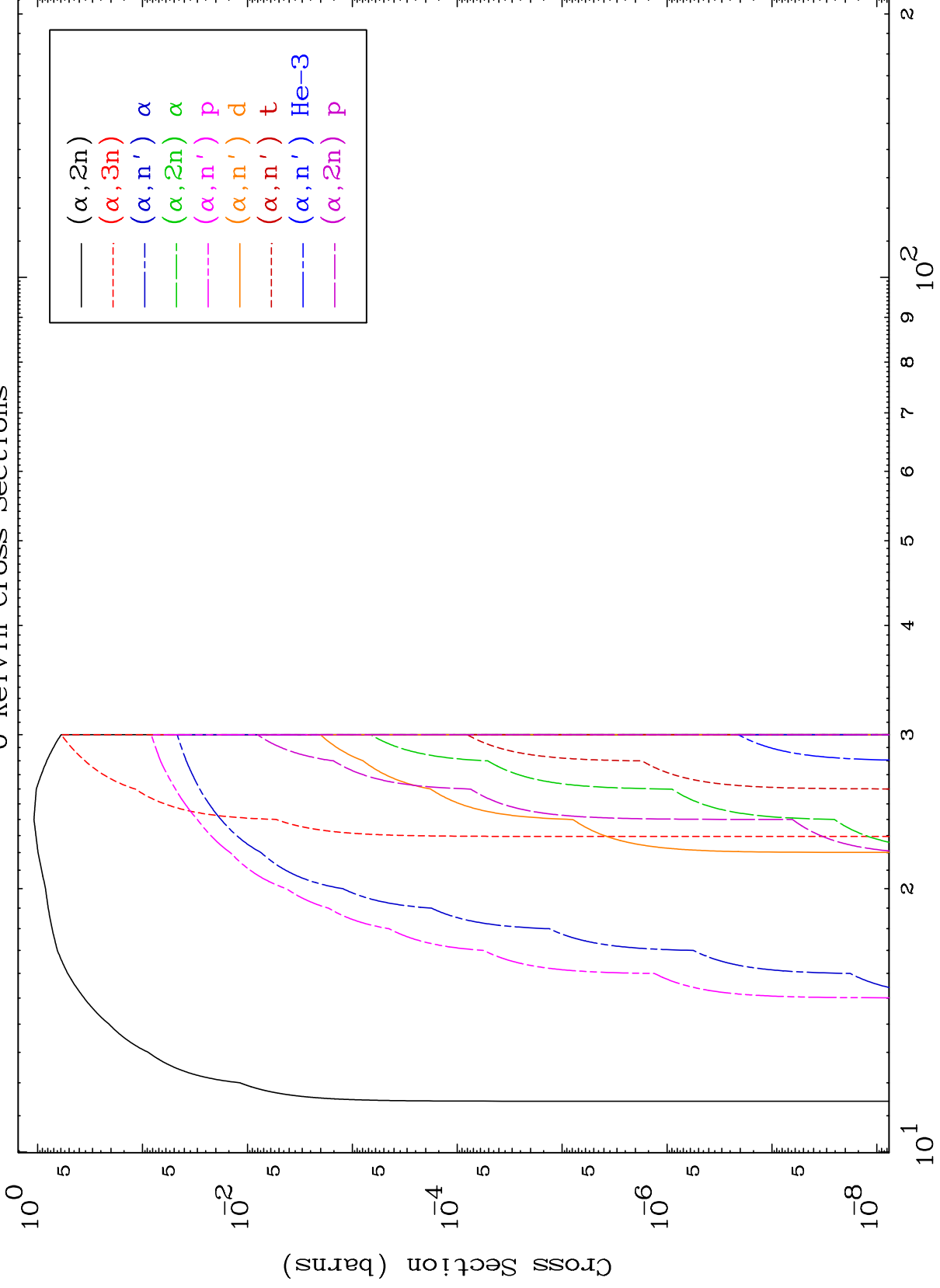


α Inelastic
 $(\alpha, \text{remainder})$
 (α, γ)

MAT 3443

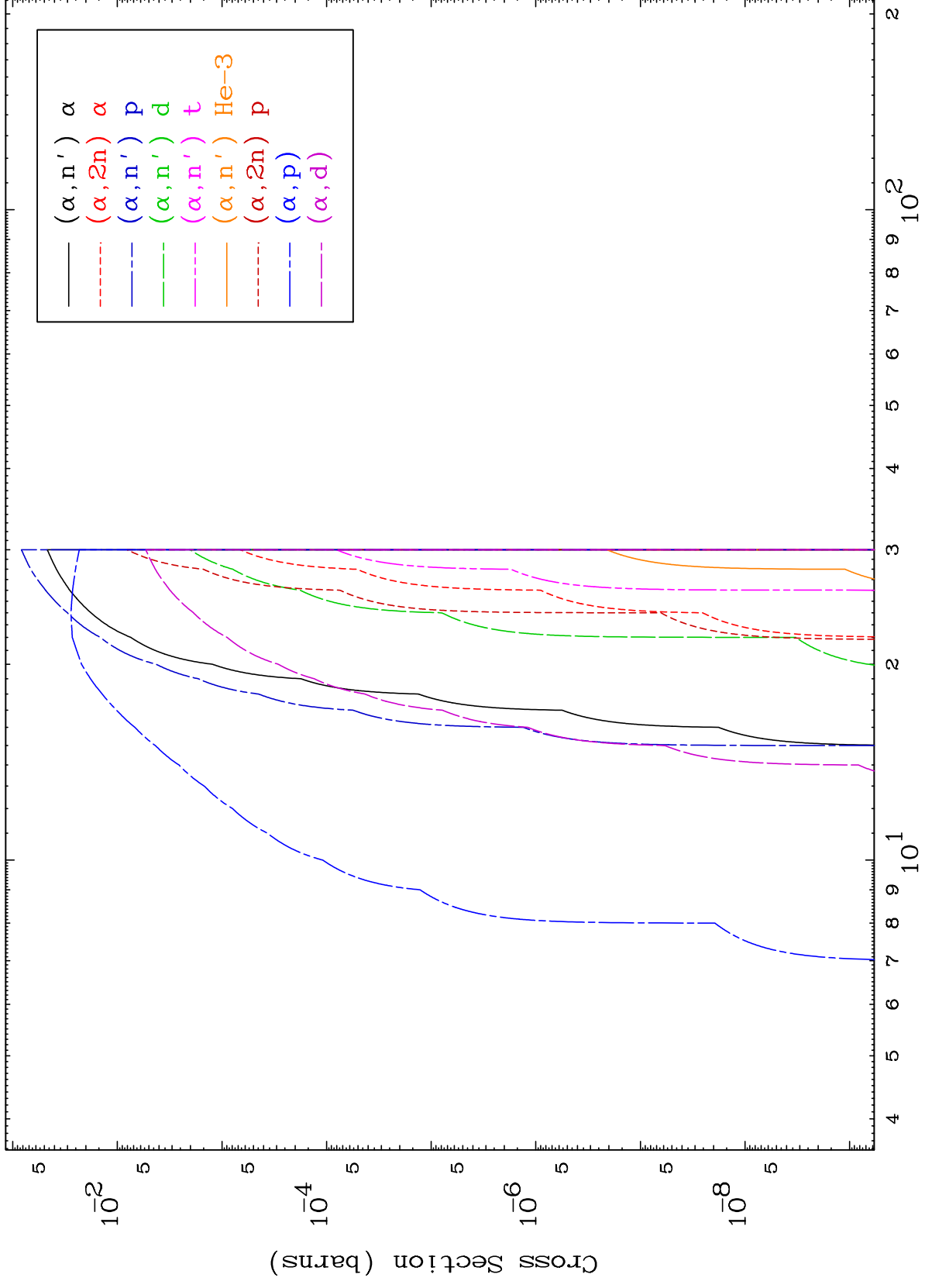
α Neutron Production
0 Kelvin Cross Sections

³⁴Se-80



Incident Energy (MeV)

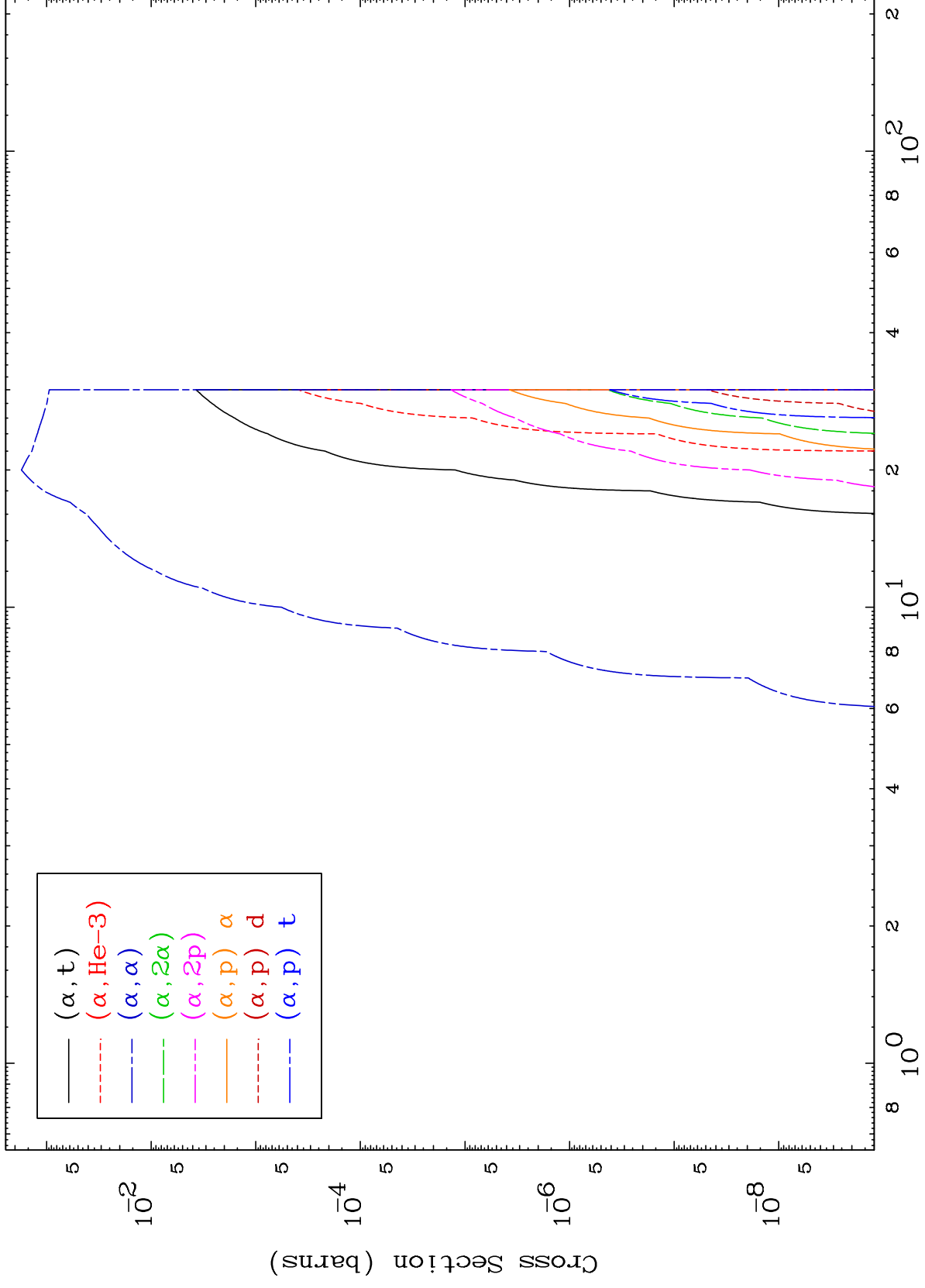
³⁴Se-80



MAT 3443

α Charged Particle
0 Kelvin Cross Sections

³⁴Se-80



4

Incident Energy (MeV)

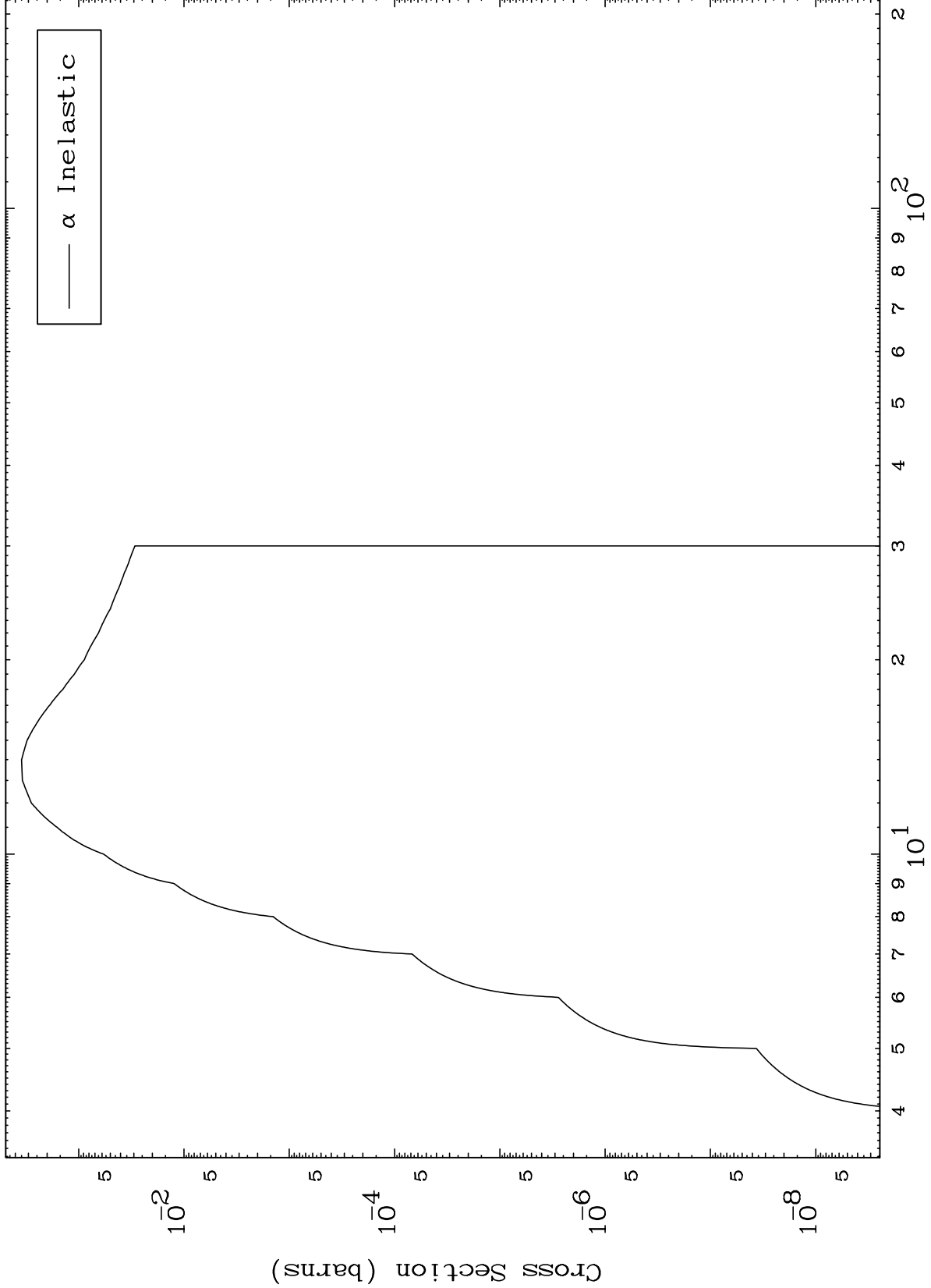
³⁴Se-80

MAT 3443

(α, n') Level

34-Se-80

0 Kelvin Cross Sections



— α Inelastic

5

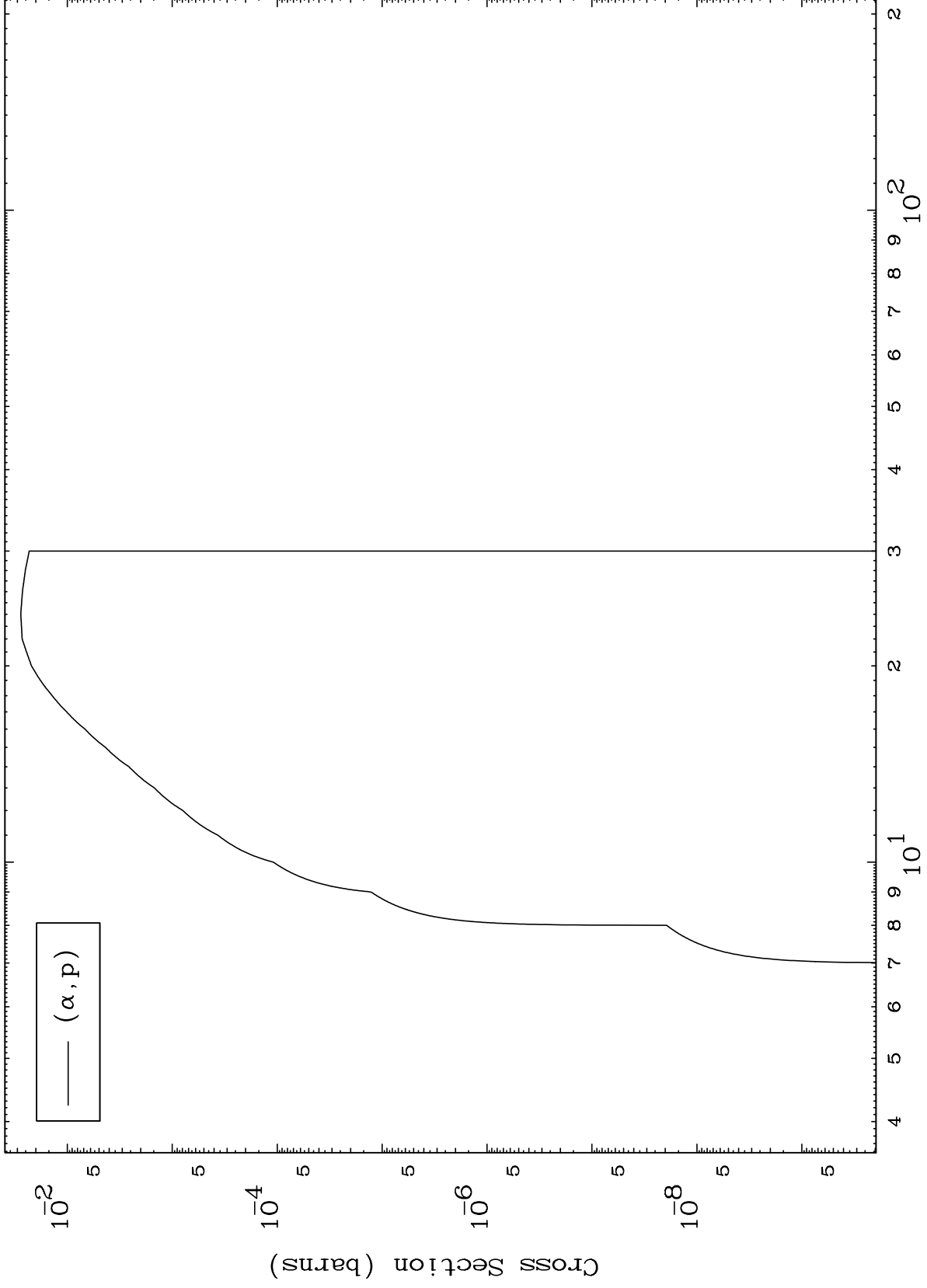
Incident Energy (MeV)

34-Se-80

MAT 3443

(α, p) Levels
0 Kelvin Cross Sections

$^{34}\text{Se-80}$



6

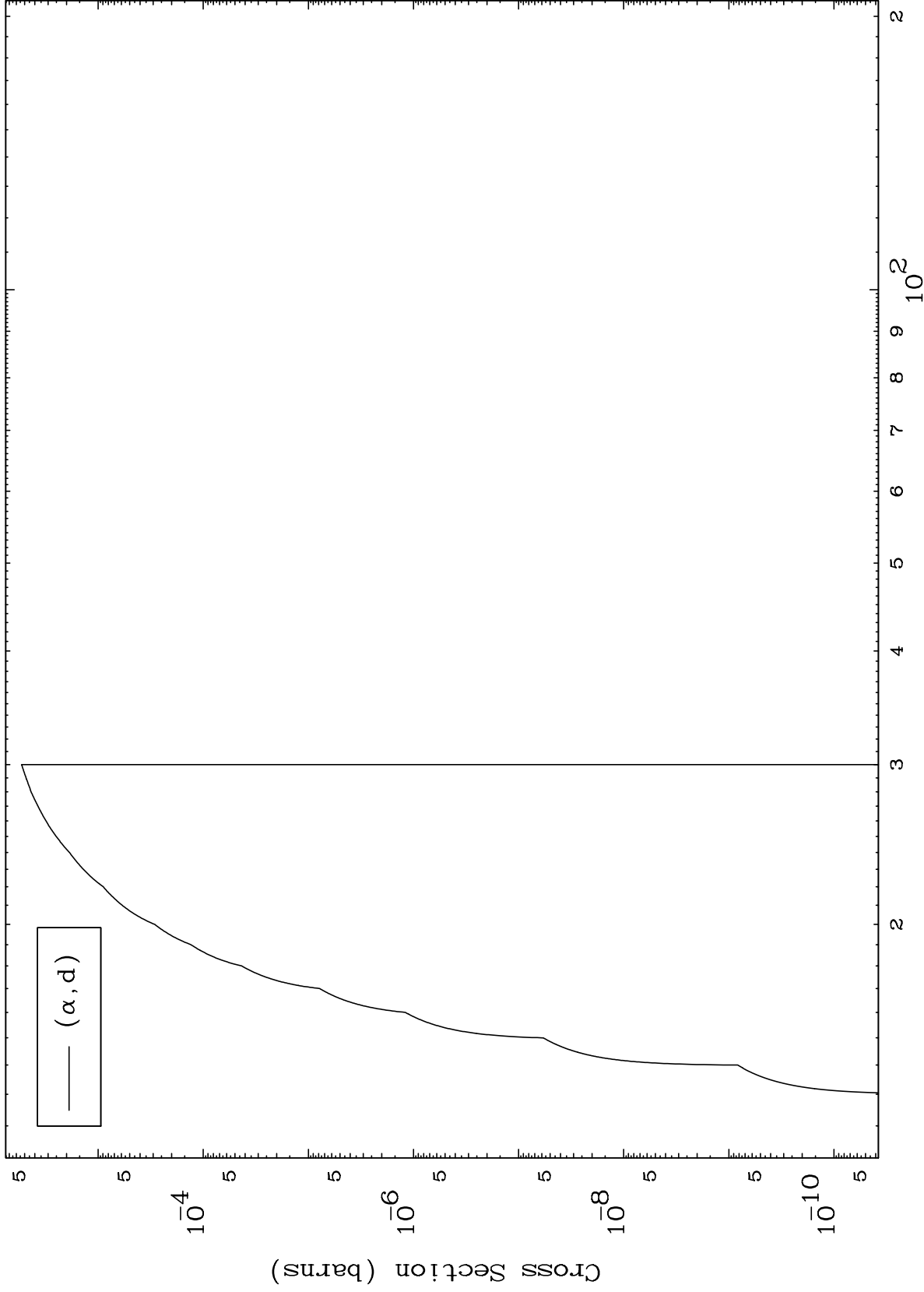
Incident Energy (MeV)

$^{34}\text{Se-80}$

MAT 3443

(α, d) Levels
0 Kelvin Cross Sections

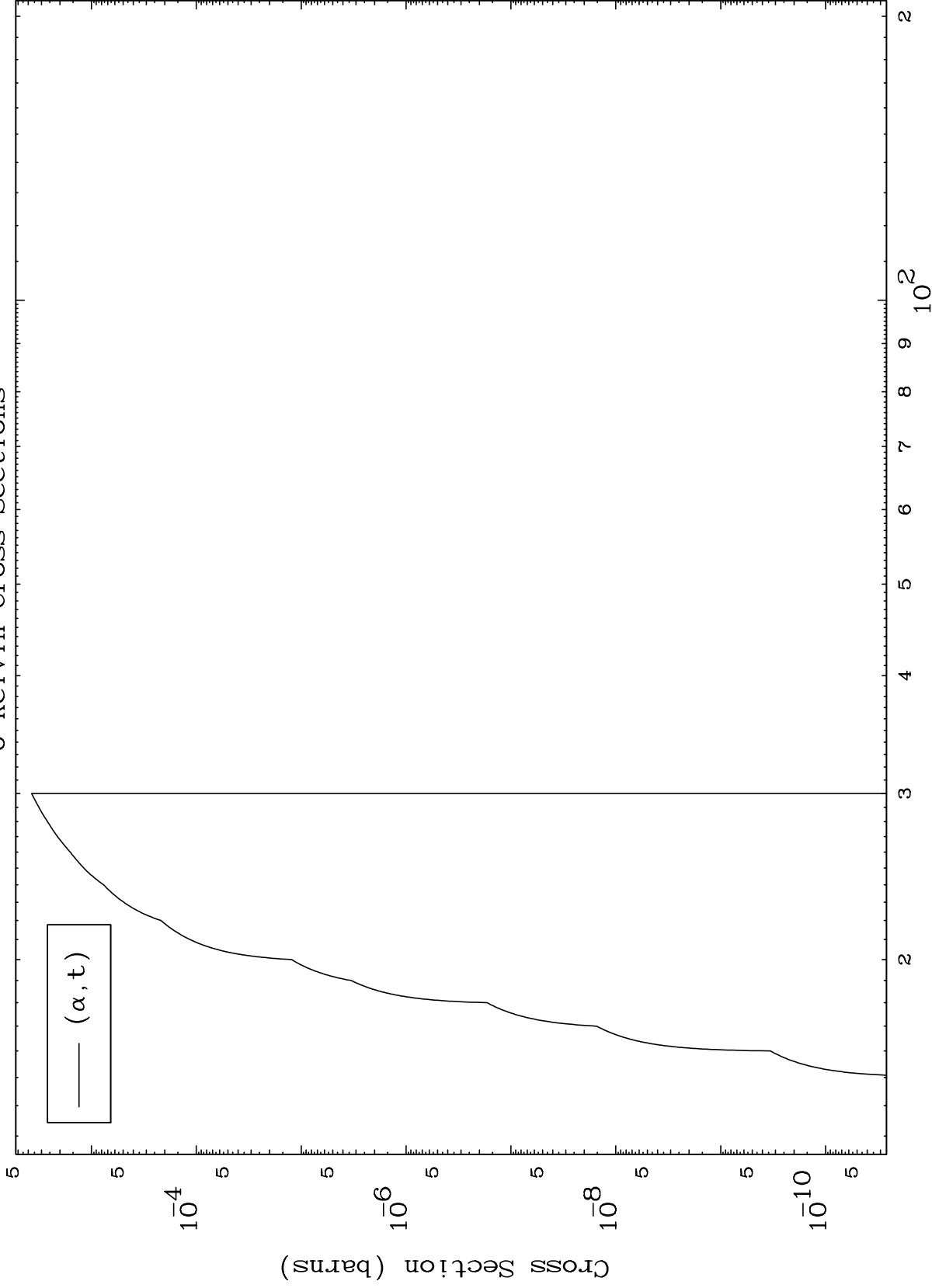
$^{34}\text{Se-80}$



MAT 3443

(α, t) Levels
0 Kelvin Cross Sections

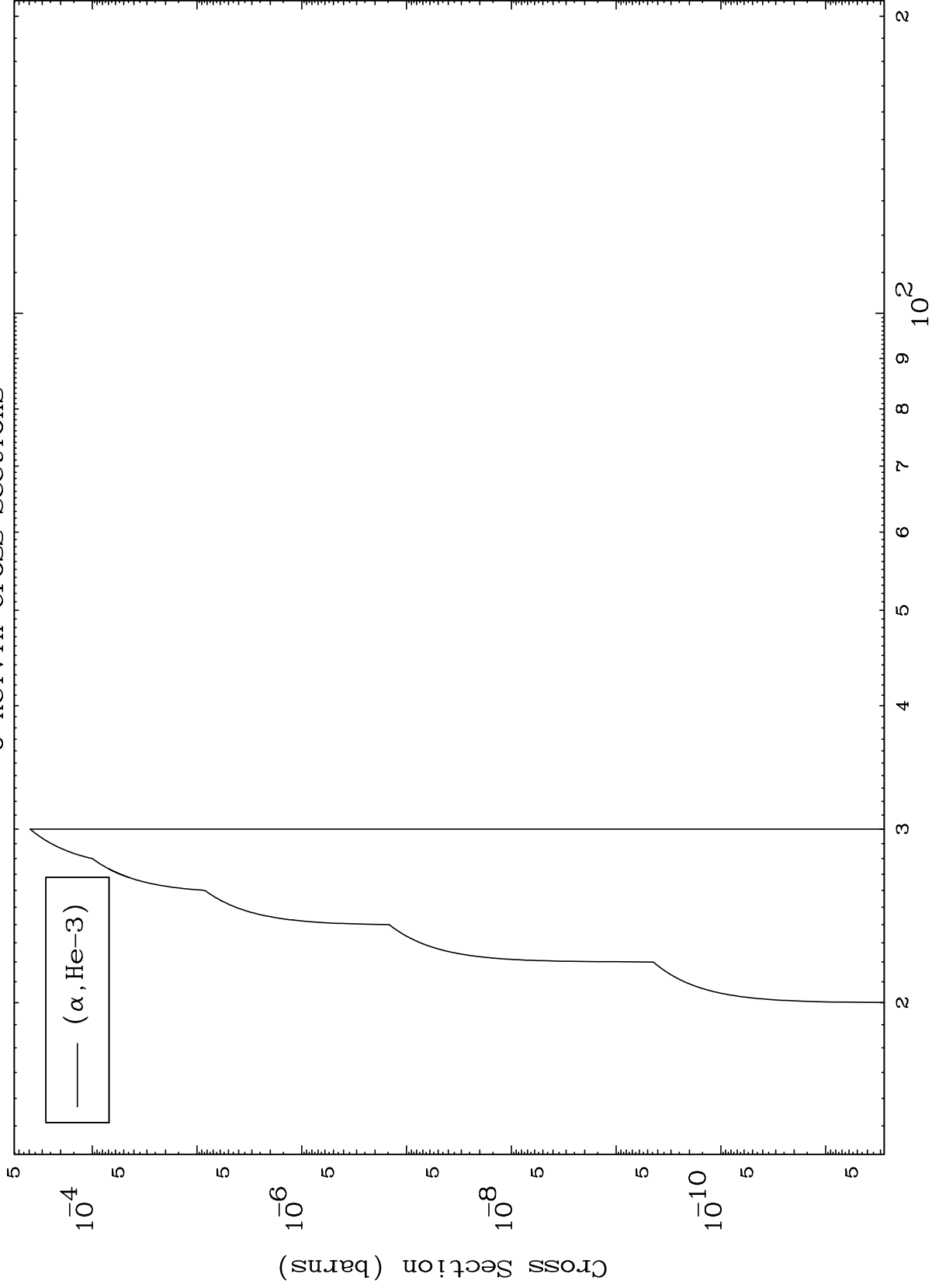
³⁴Se-80



8

Incident Energy (MeV)

³⁴Se-80

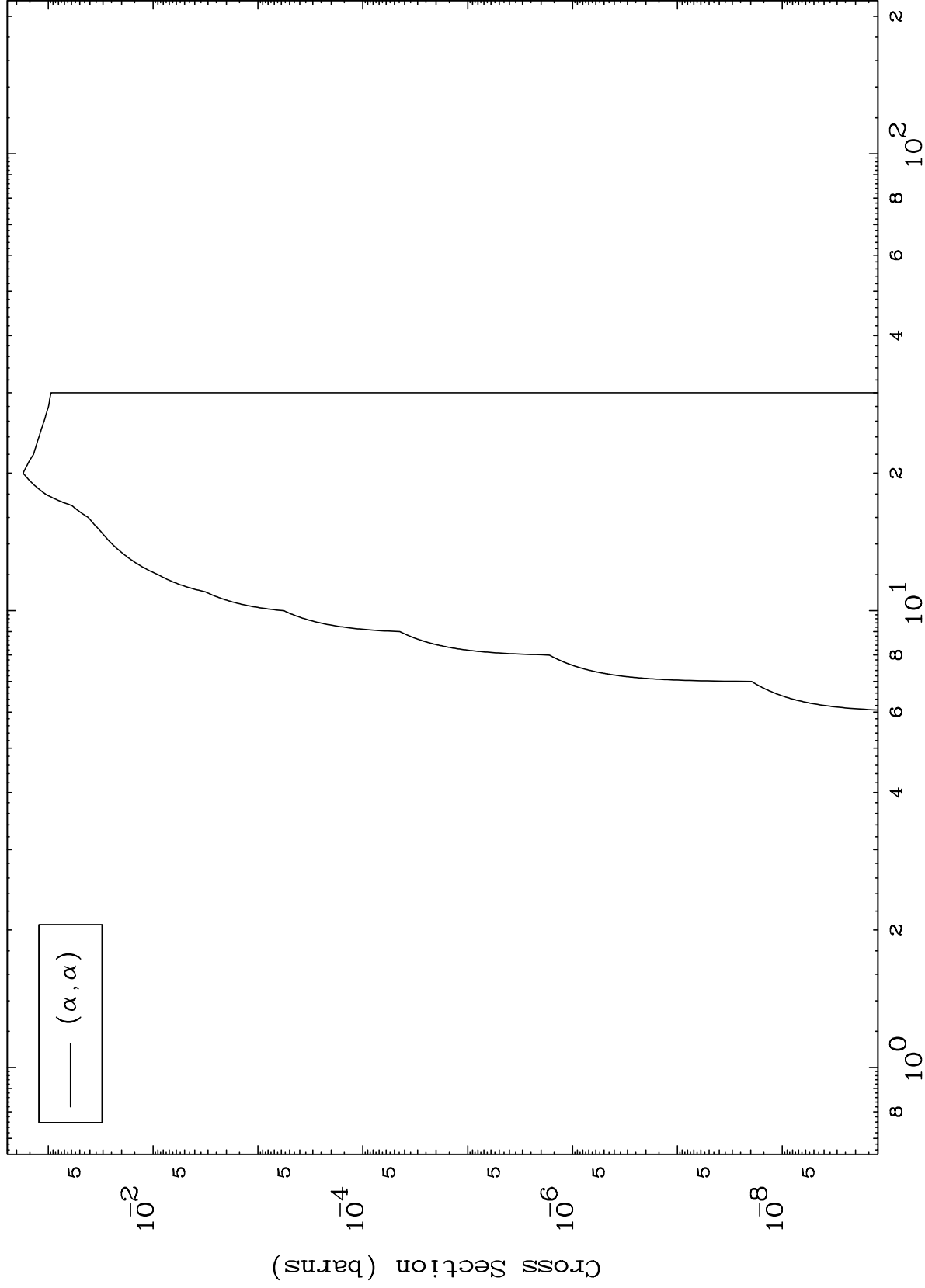


MAT 3443

(α, α) Levels

$^{34}\text{Se-80}$

0 Kelvin Cross Sections



10

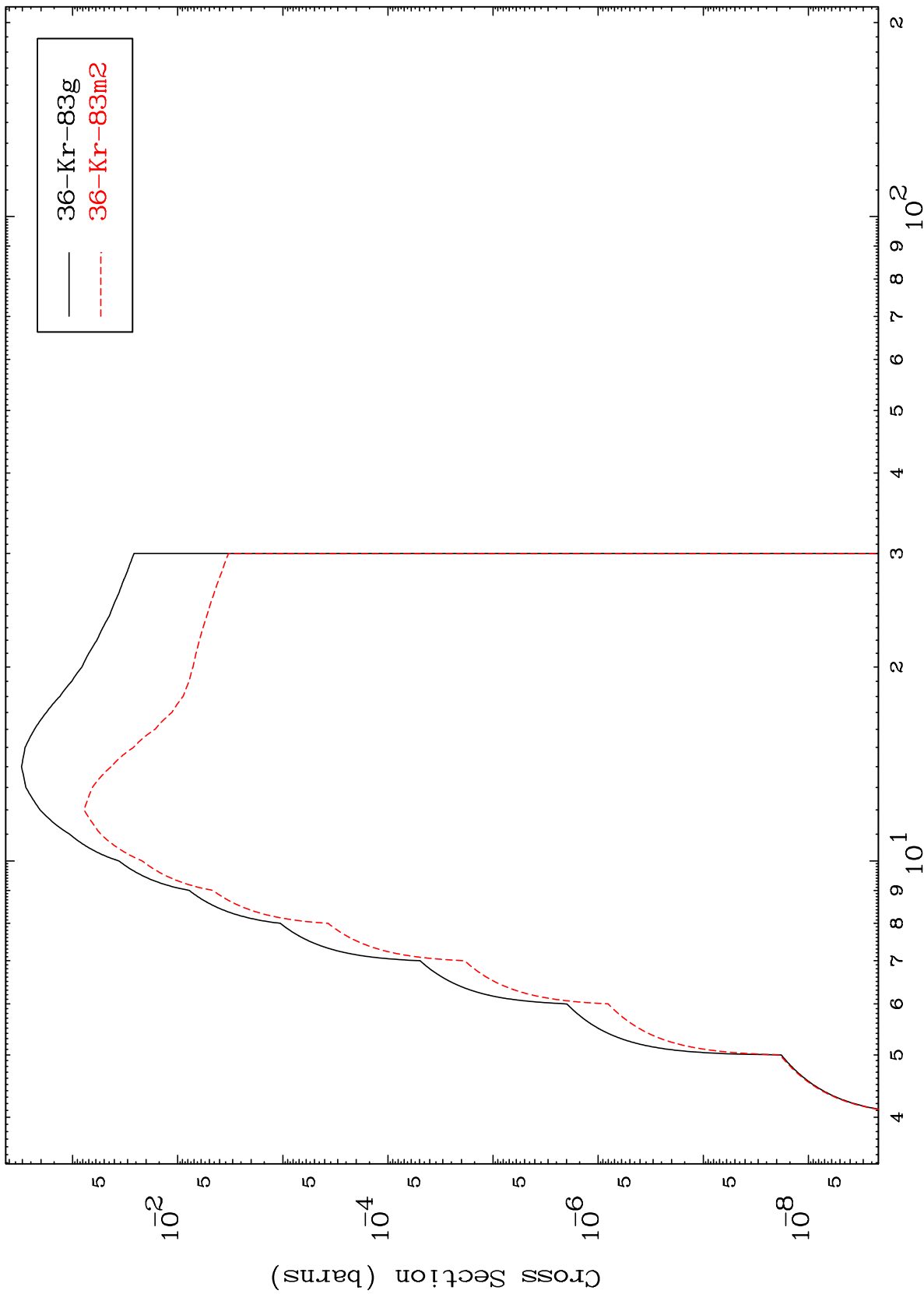
Incident Energy (MeV)

$^{34}\text{Se-80}$

MAT 3443

34-Se-80

Radionuclide α Inelastic Production Cross Section



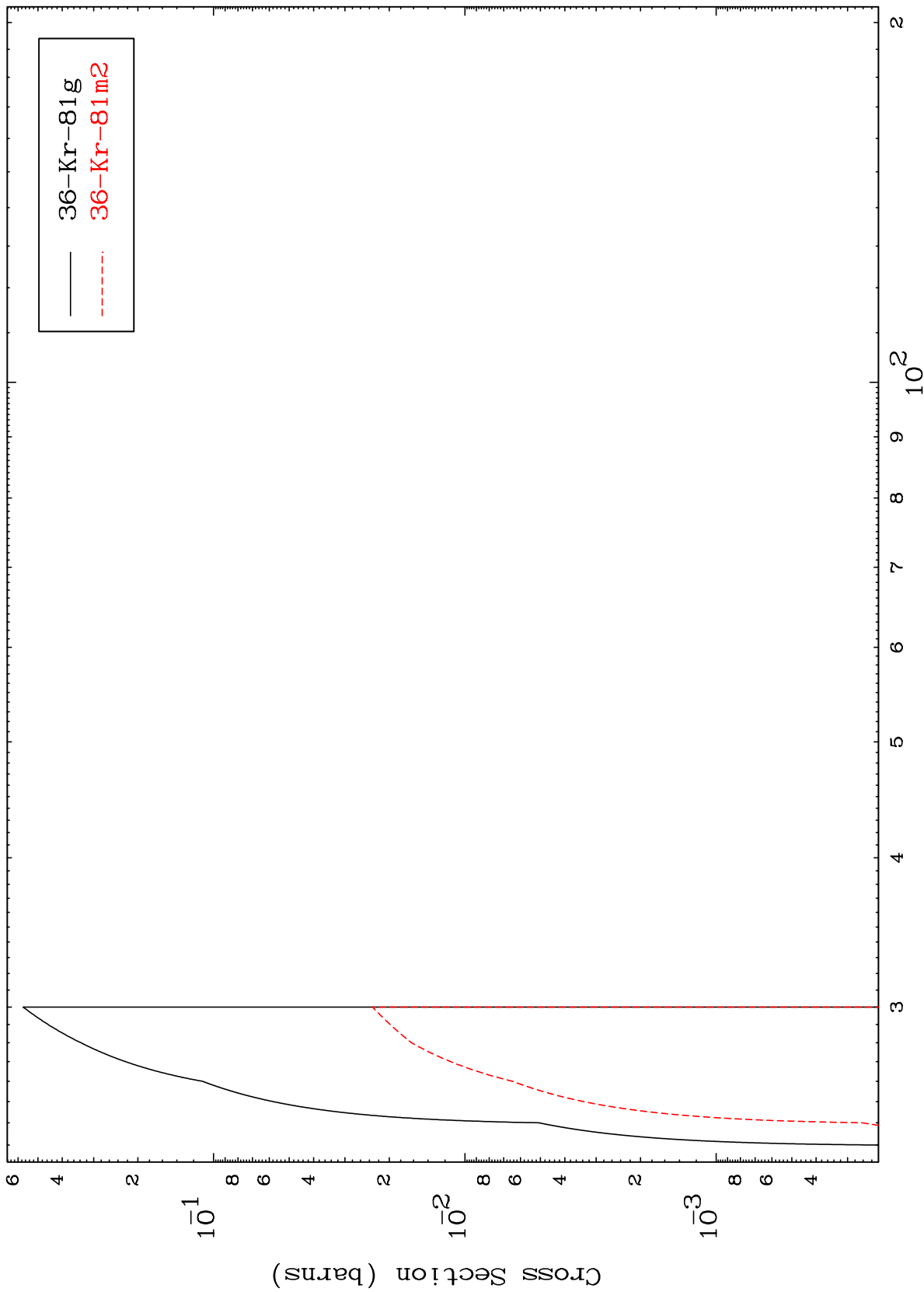
11

34-Se-80

MAT 3443

³⁴Se-80

($\alpha, 3n$)
Radionuclide Production Cross Section



12

³⁴Se-80

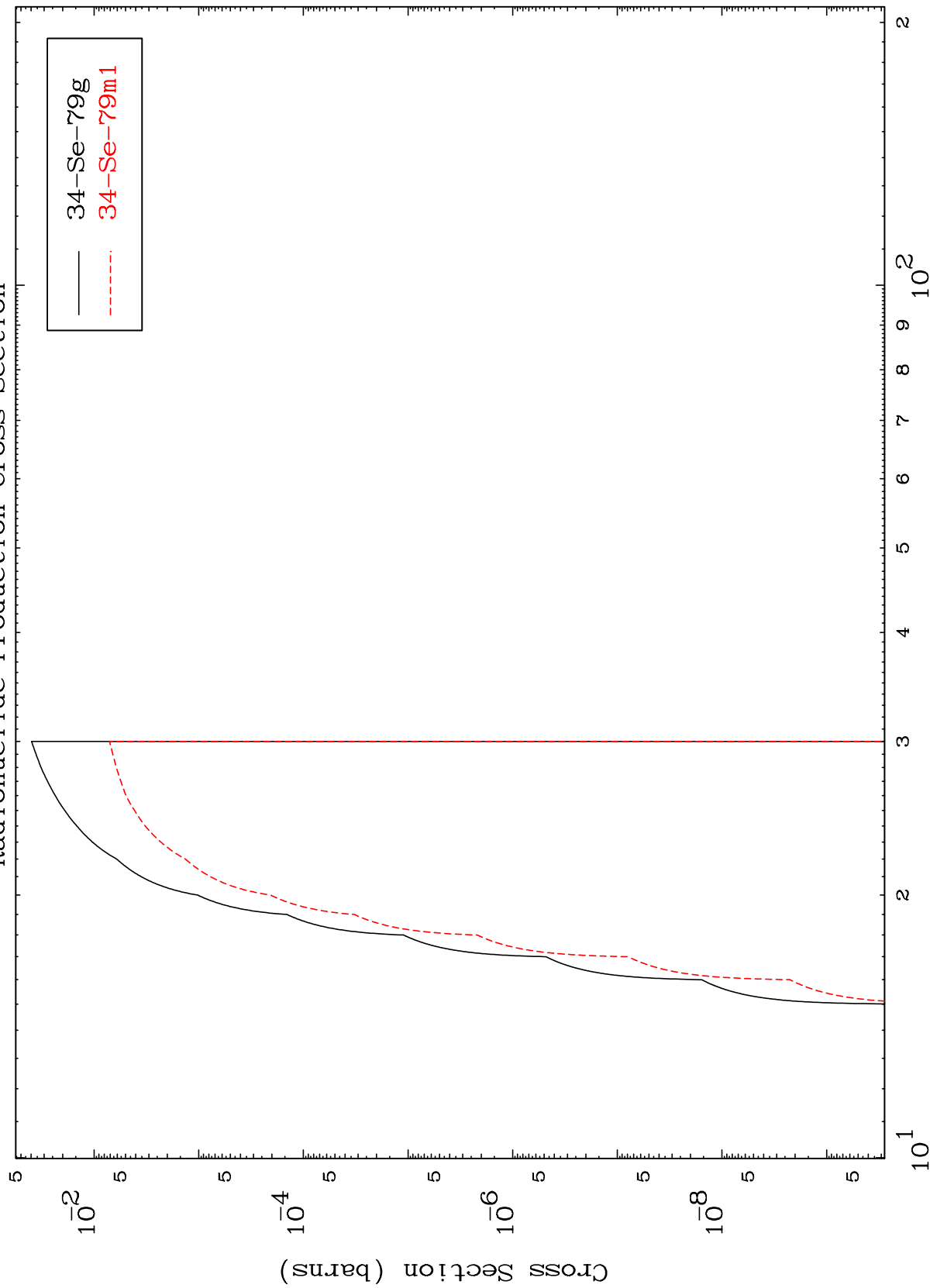
Incident Energy (MeV)

MAT 3443

³⁴Se-80

(α, n') α

Radionuclide Production Cross Section



³⁴Se-80

Incident Energy (MeV)

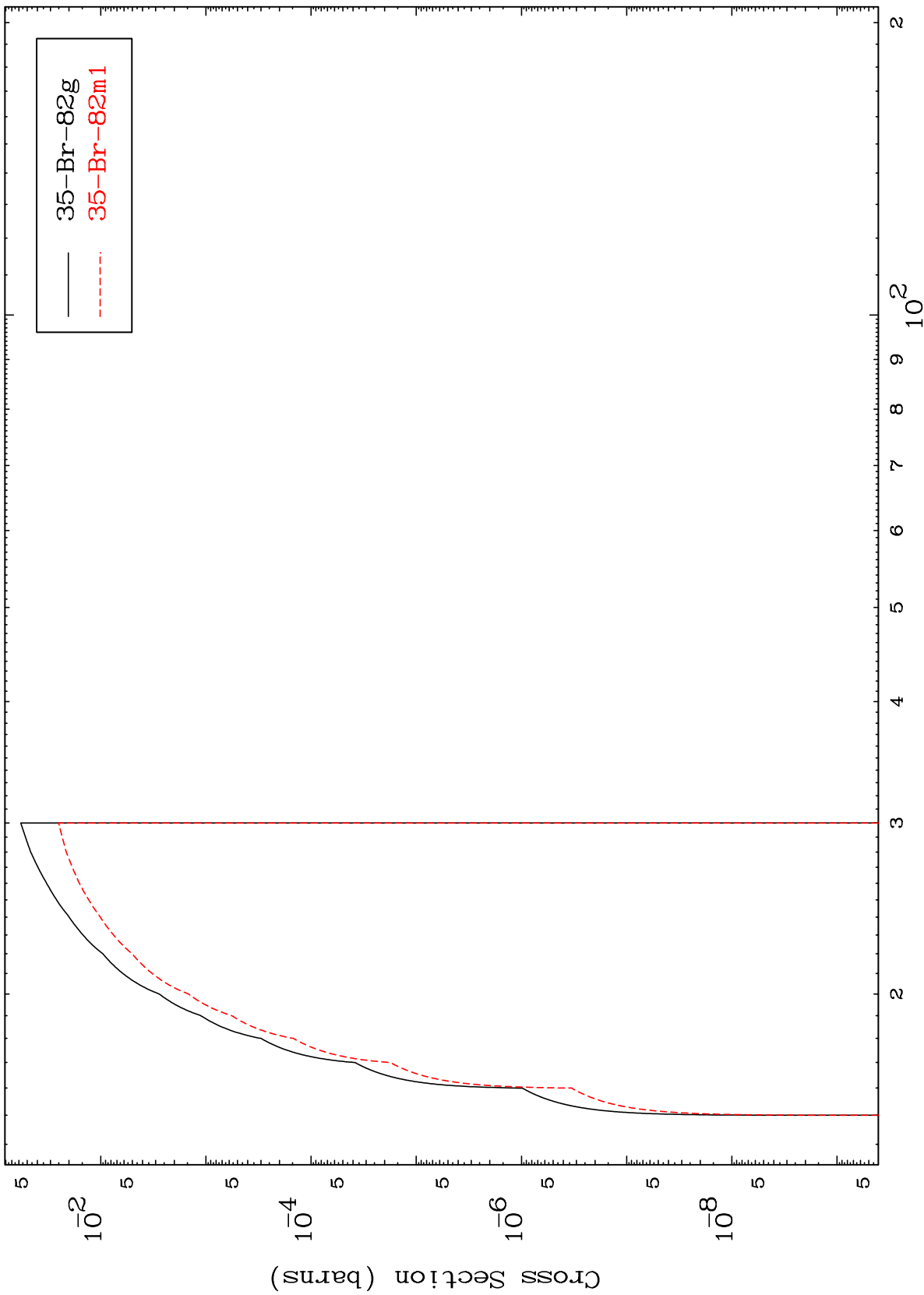
13

MAT 3443

(α, n') p

³⁴Se-80

Radionuclide Production Cross Section



14

Incident Energy (MeV)

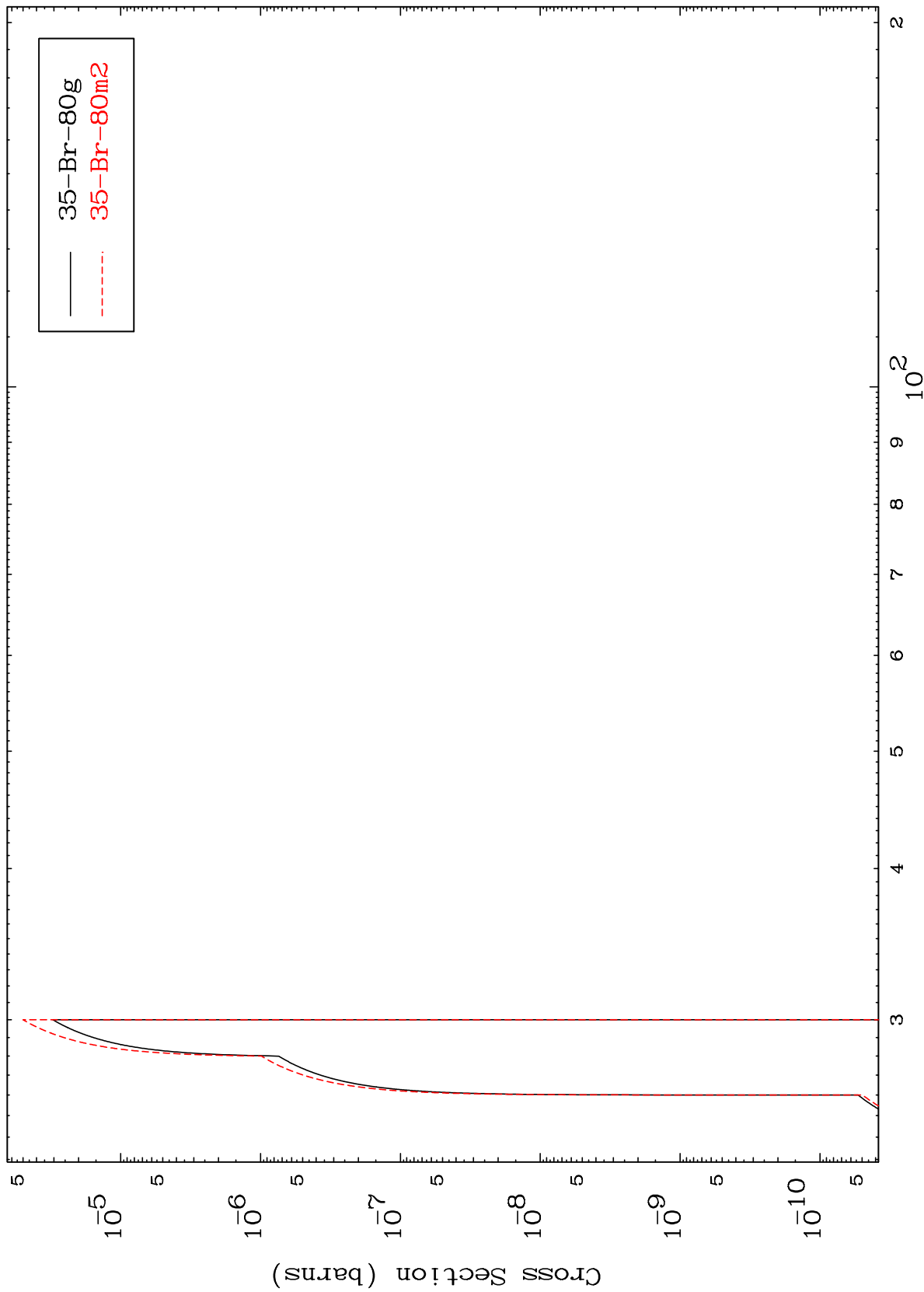
³⁴Se-80

MAT 3443

(α, n') t

³⁴Se-80

Radionuclide Production Cross Section



15

Incident Energy (MeV)

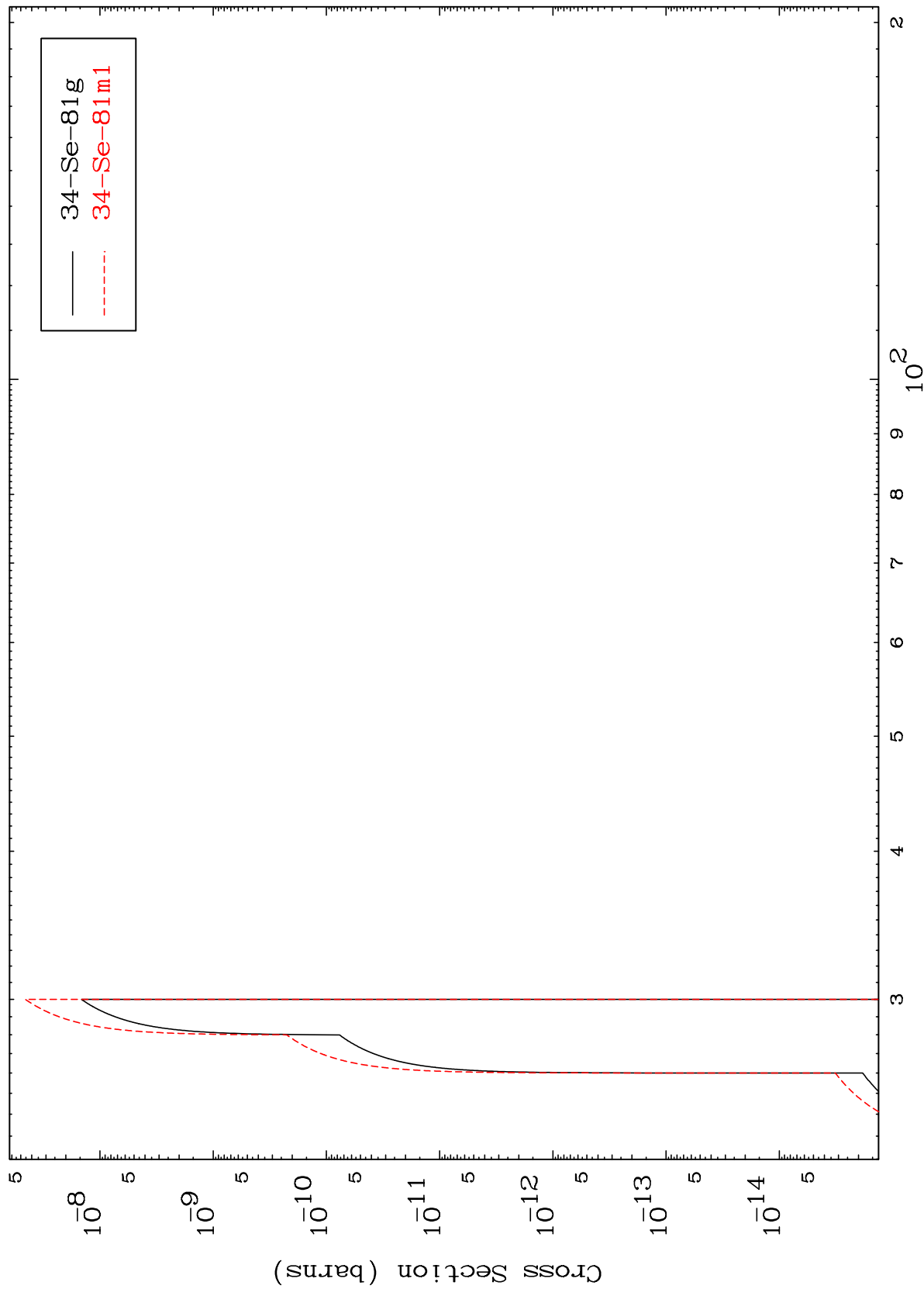
³⁴Se-80

MAT 3443

($\alpha, 2n$) p

³⁴Se-80

Radionuclide Production Cross Section



16

Incident Energy (MeV)

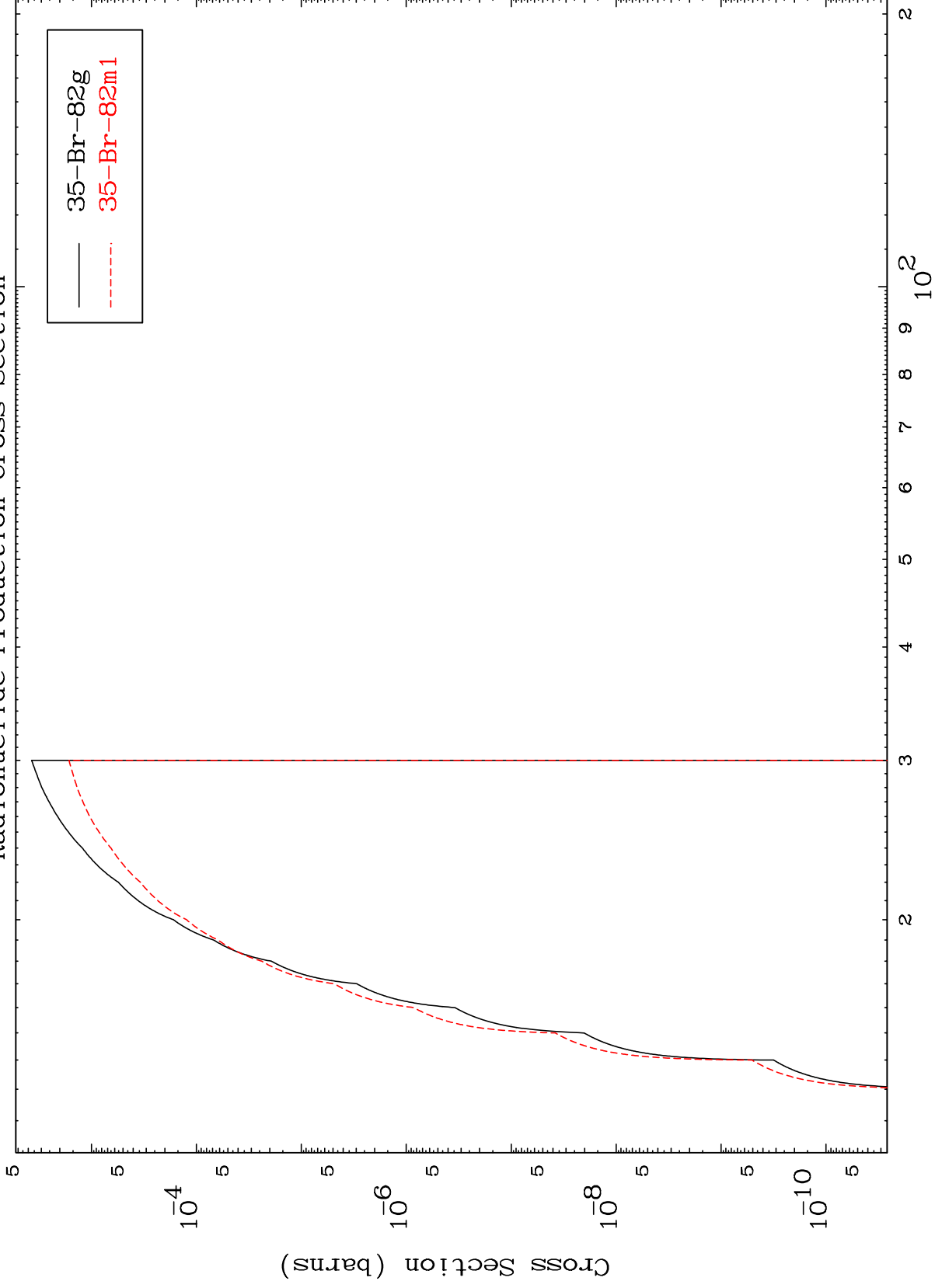
³⁴Se-80

MAT 3443

(α, d)

³⁴Se-80

Radionuclide Production Cross Section



17

Incident Energy (MeV)

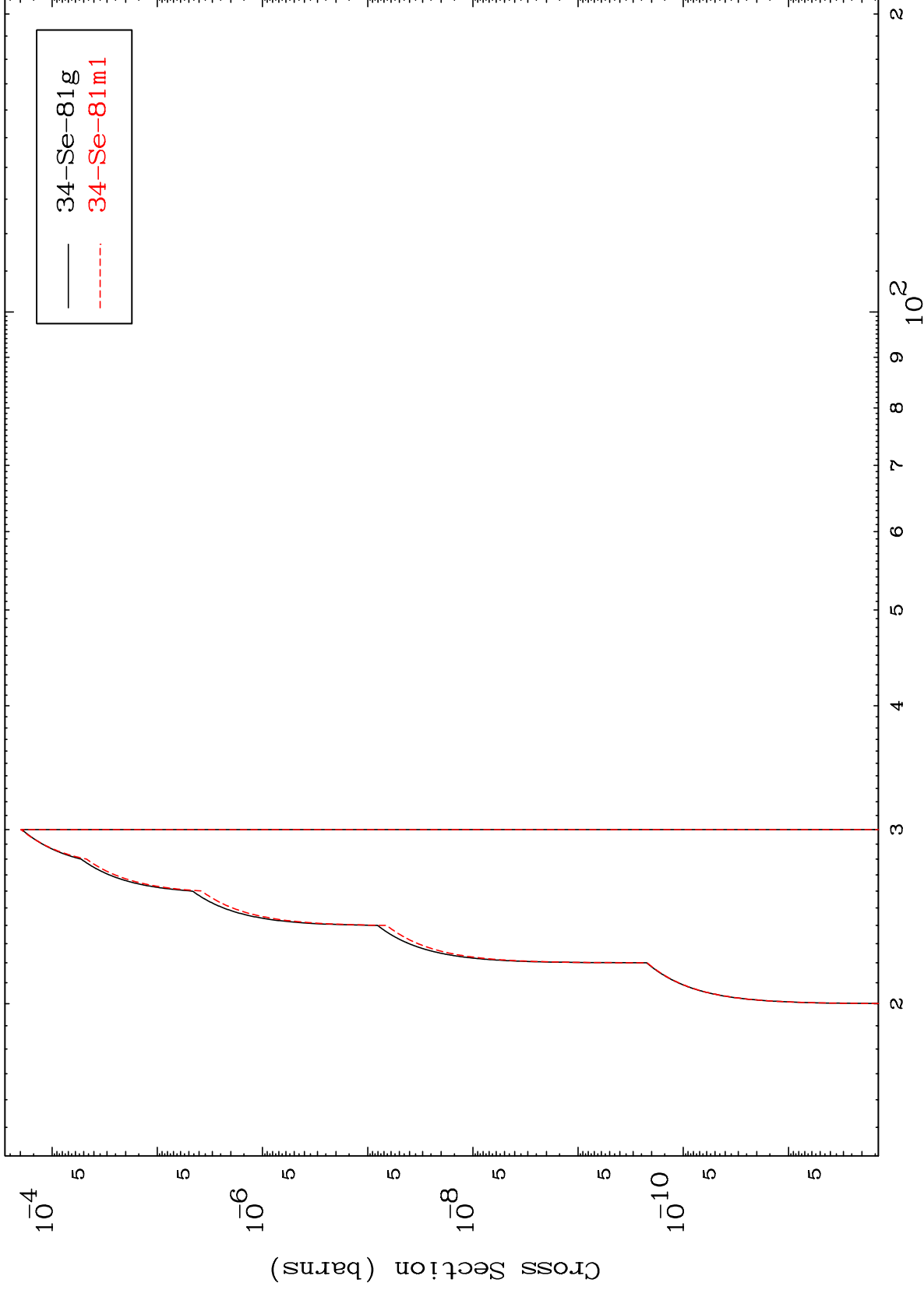
³⁴Se-80

MAT 3443

(α ,He-3)

34-Se-80

Radionuclide Production Cross Section



18

Incident Energy (MeV)

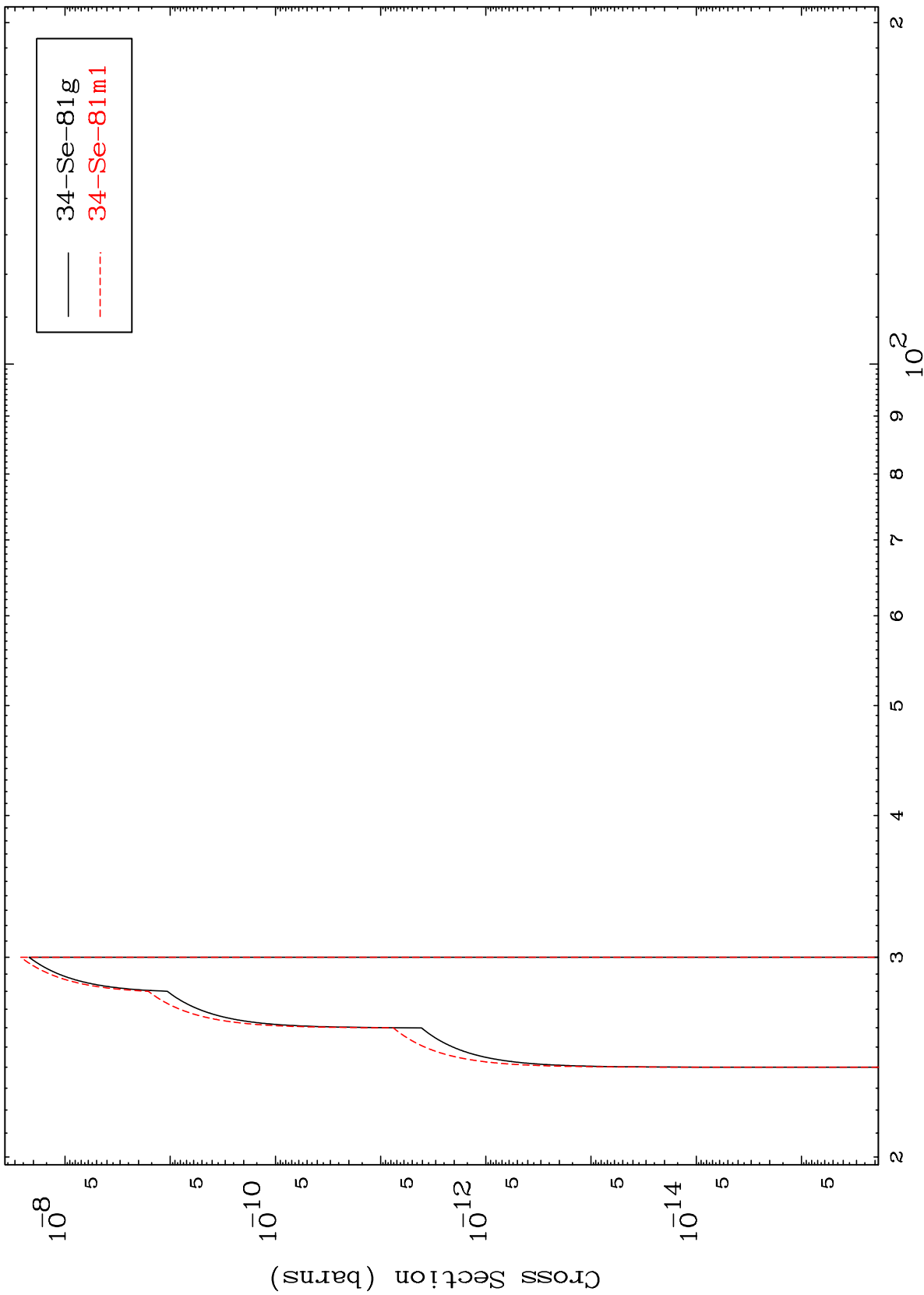
34-Se-80

MAT 3443

(α, p) d

³⁴Se-80

Radionuclide Production Cross Section



19

Incident Energy (MeV)

³⁴Se-80