

Program EVALPLOT
(Version 2018-1)

by

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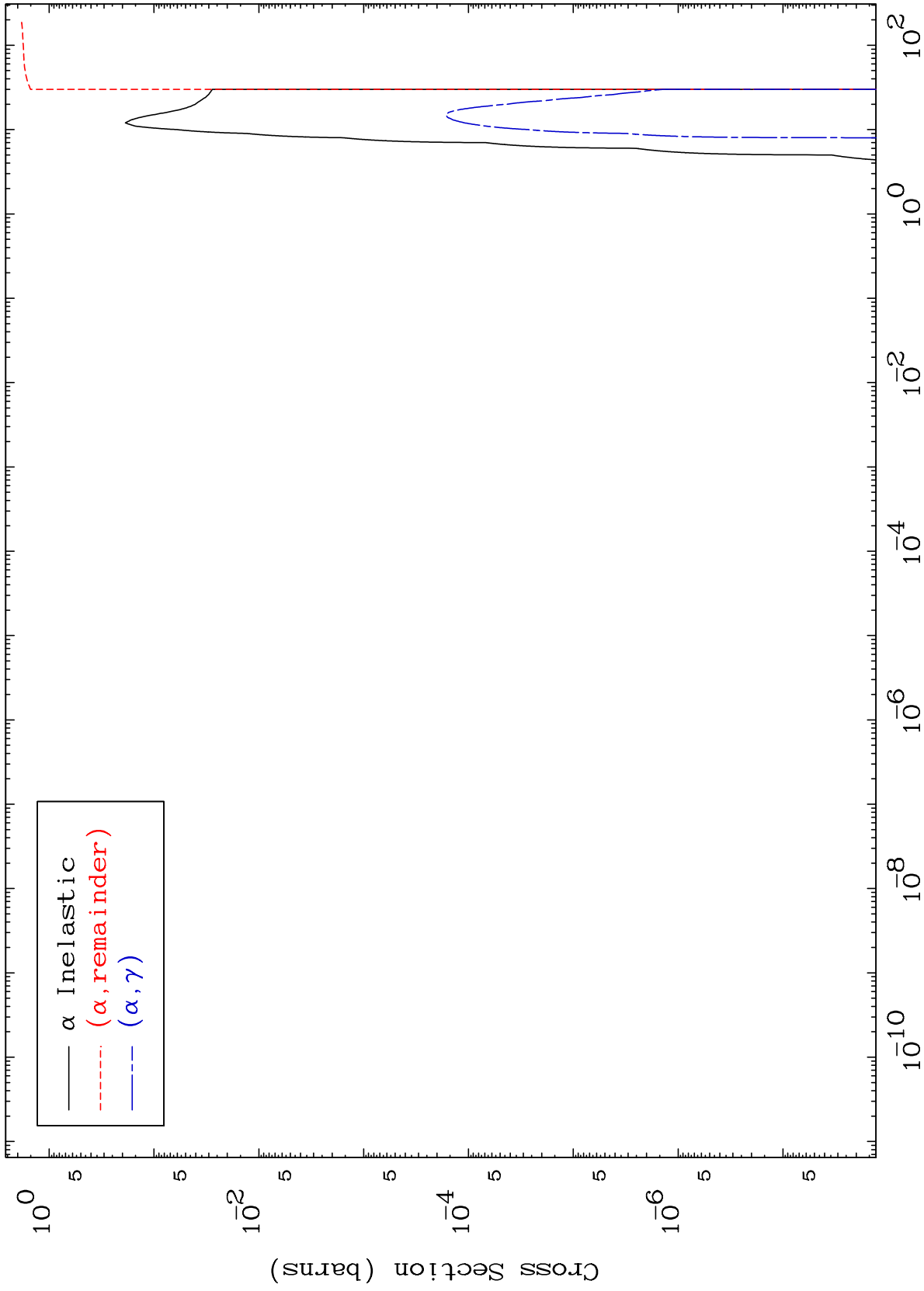
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3446

0 Kelvin α Major
Cross Sections

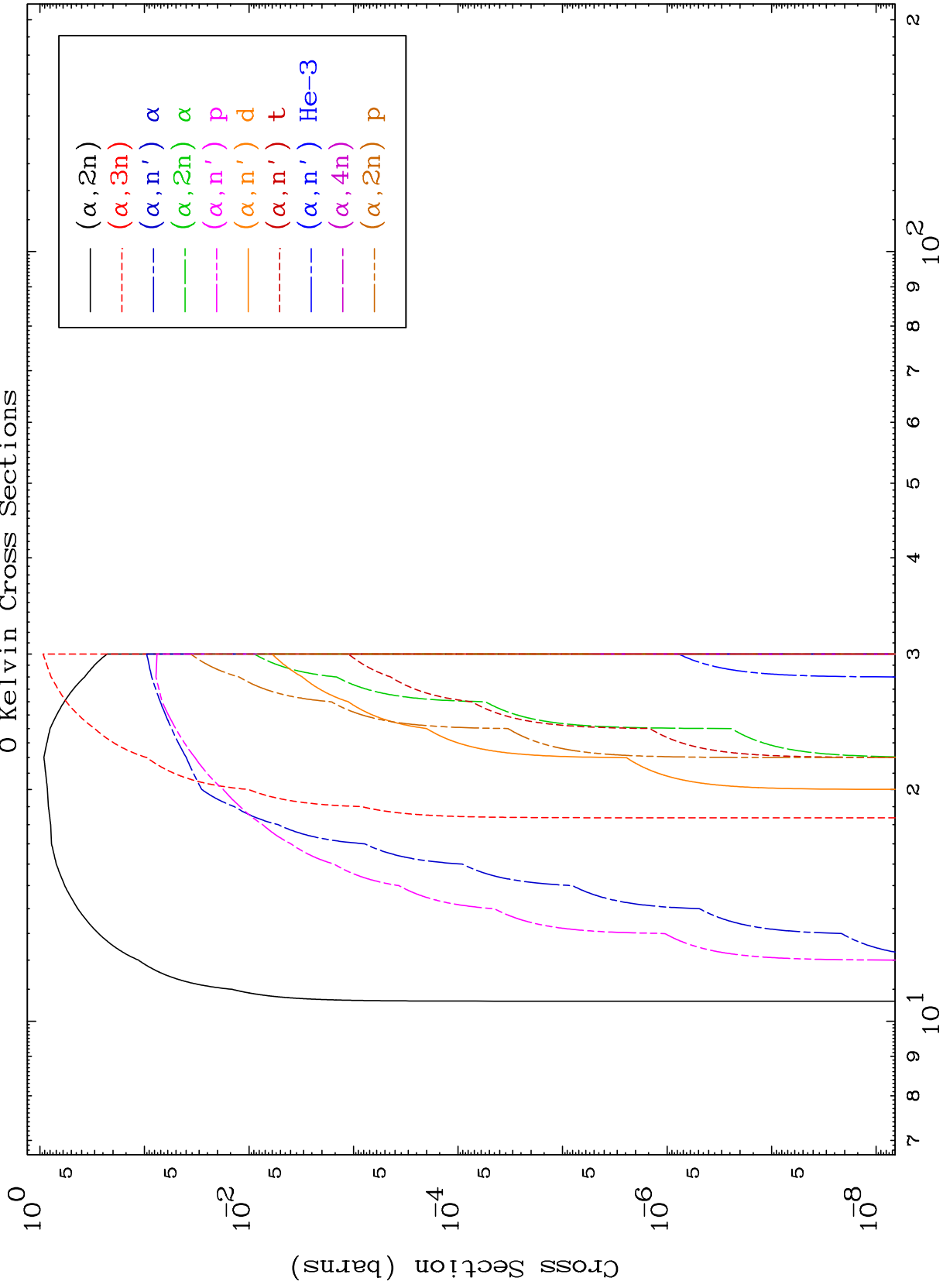
$^{34}\text{Se-81}$



MAT 3446

α Neutron Production
0 Kelvin Cross Sections

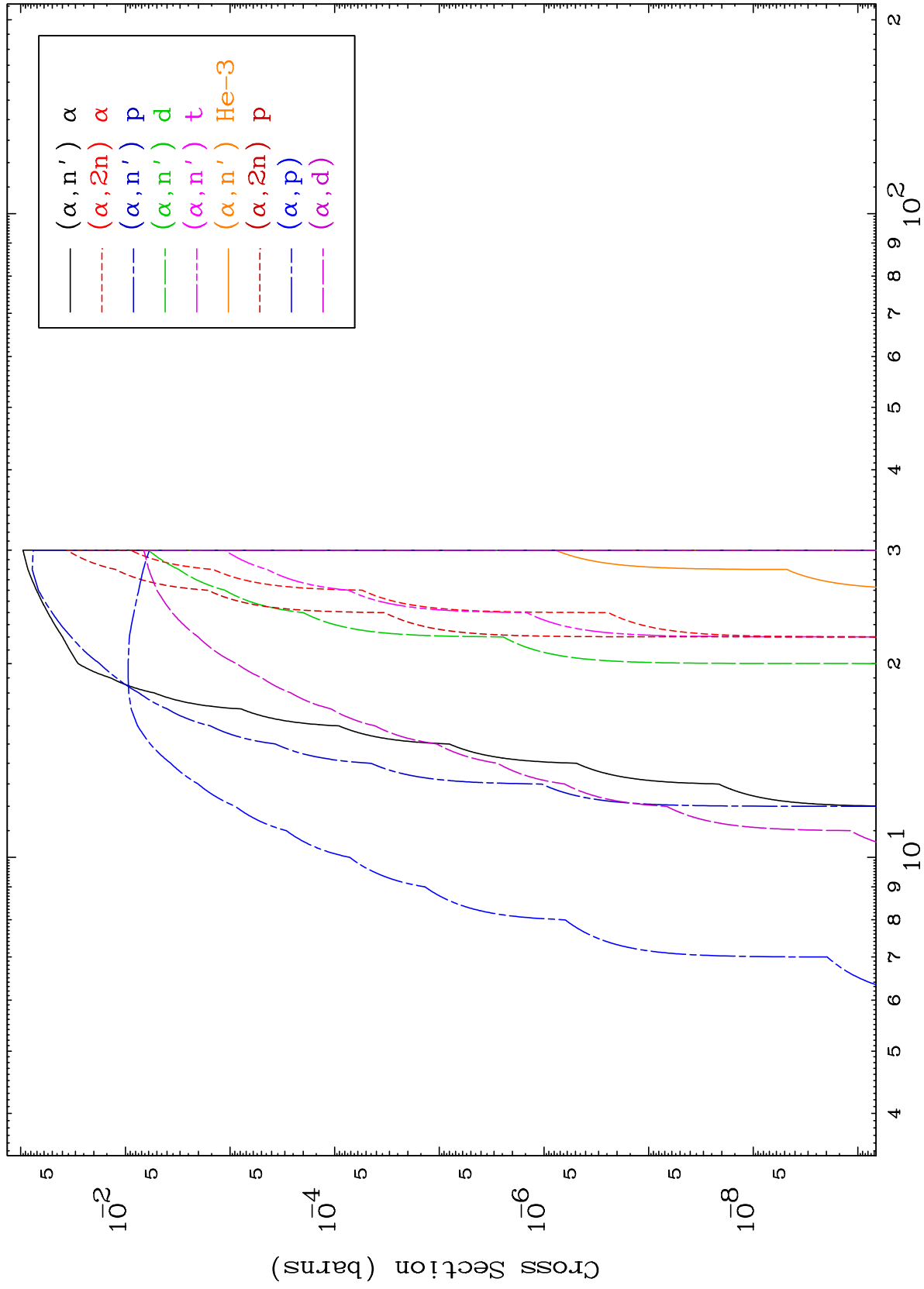
34-Se-81



2

Incident Energy (MeV)

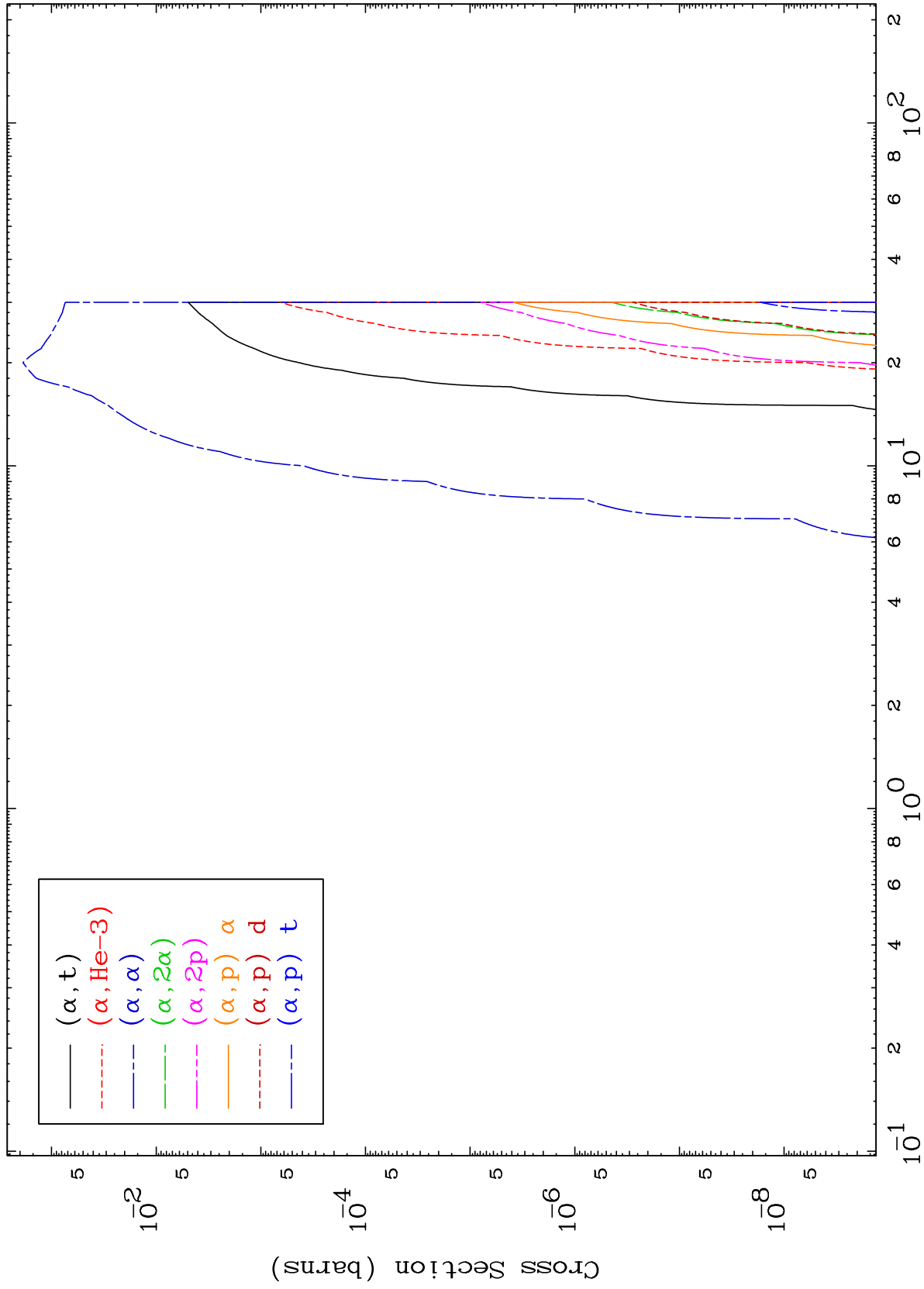
34-Se-81



MAT 3446

α Charged Particle
0 Kelvin Cross Sections

34-Se-81



4

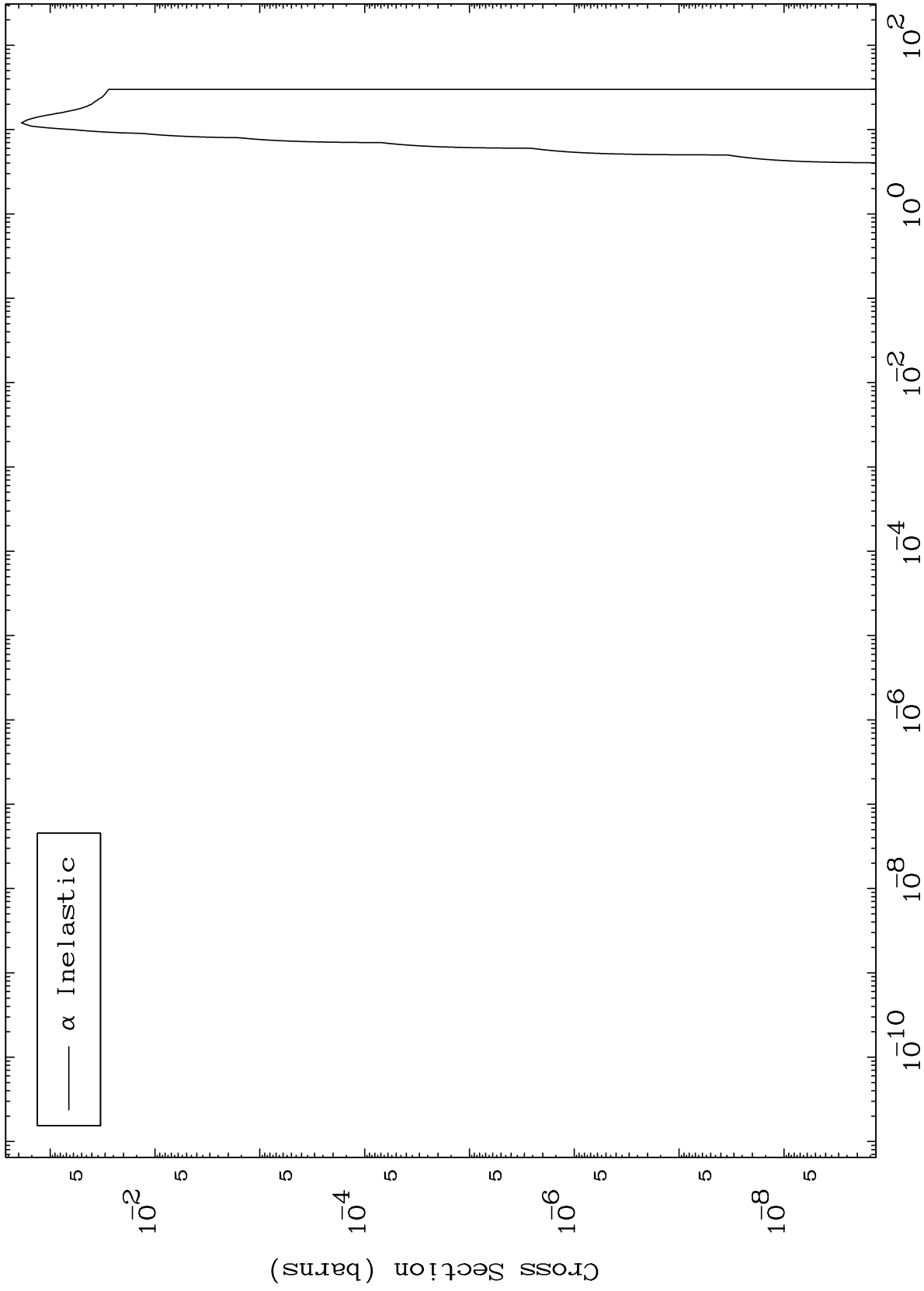
Incident Energy (MeV)

34-Se-81

MAT 3446

(α, n') Level
0 Kelvin Cross Sections

³⁴Se-81



5

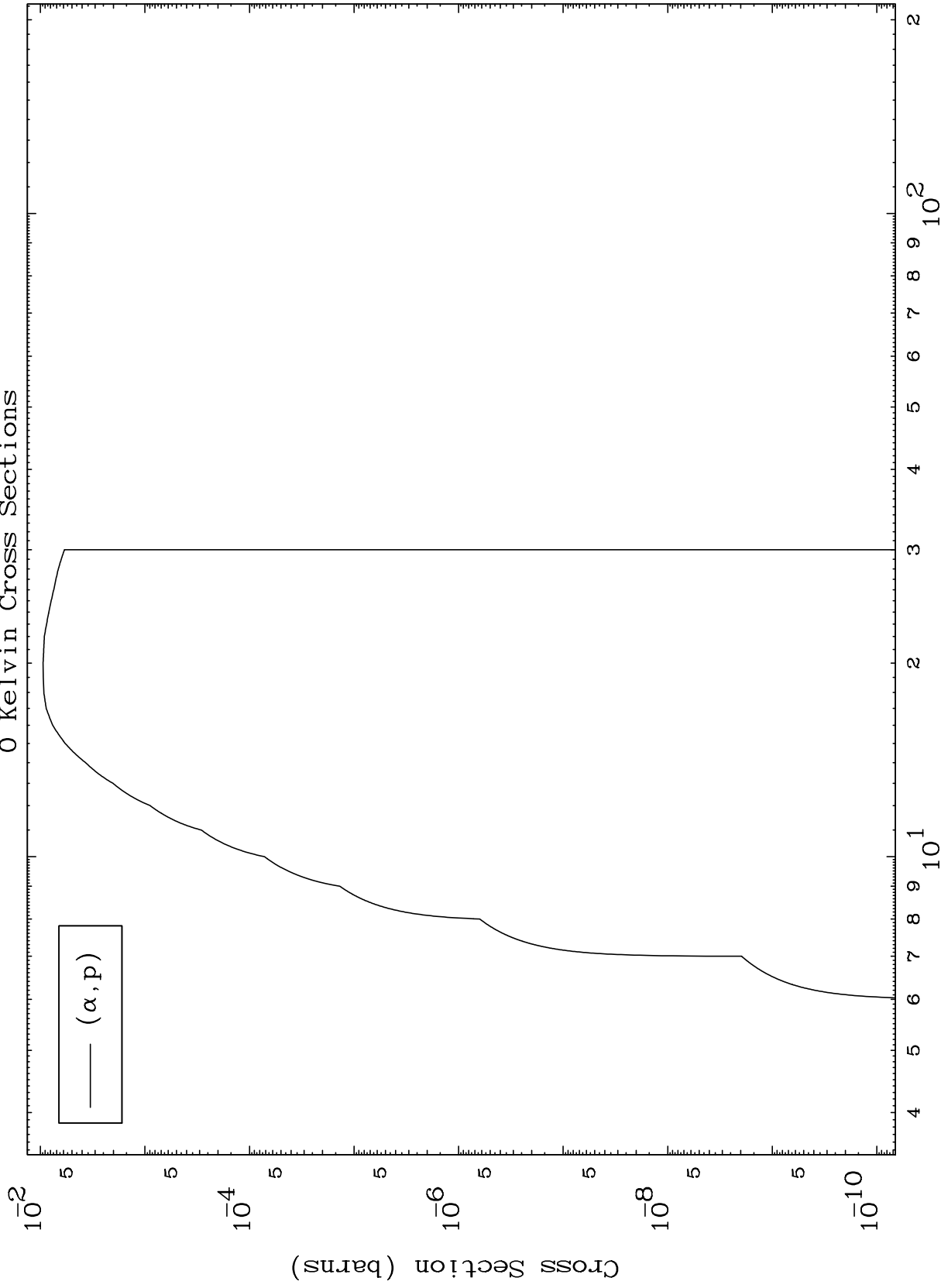
Incident Energy (MeV)

³⁴Se-81

MAT 3446

34-Se-81

(α, p) Levels
0 Kelvin Cross Sections



6

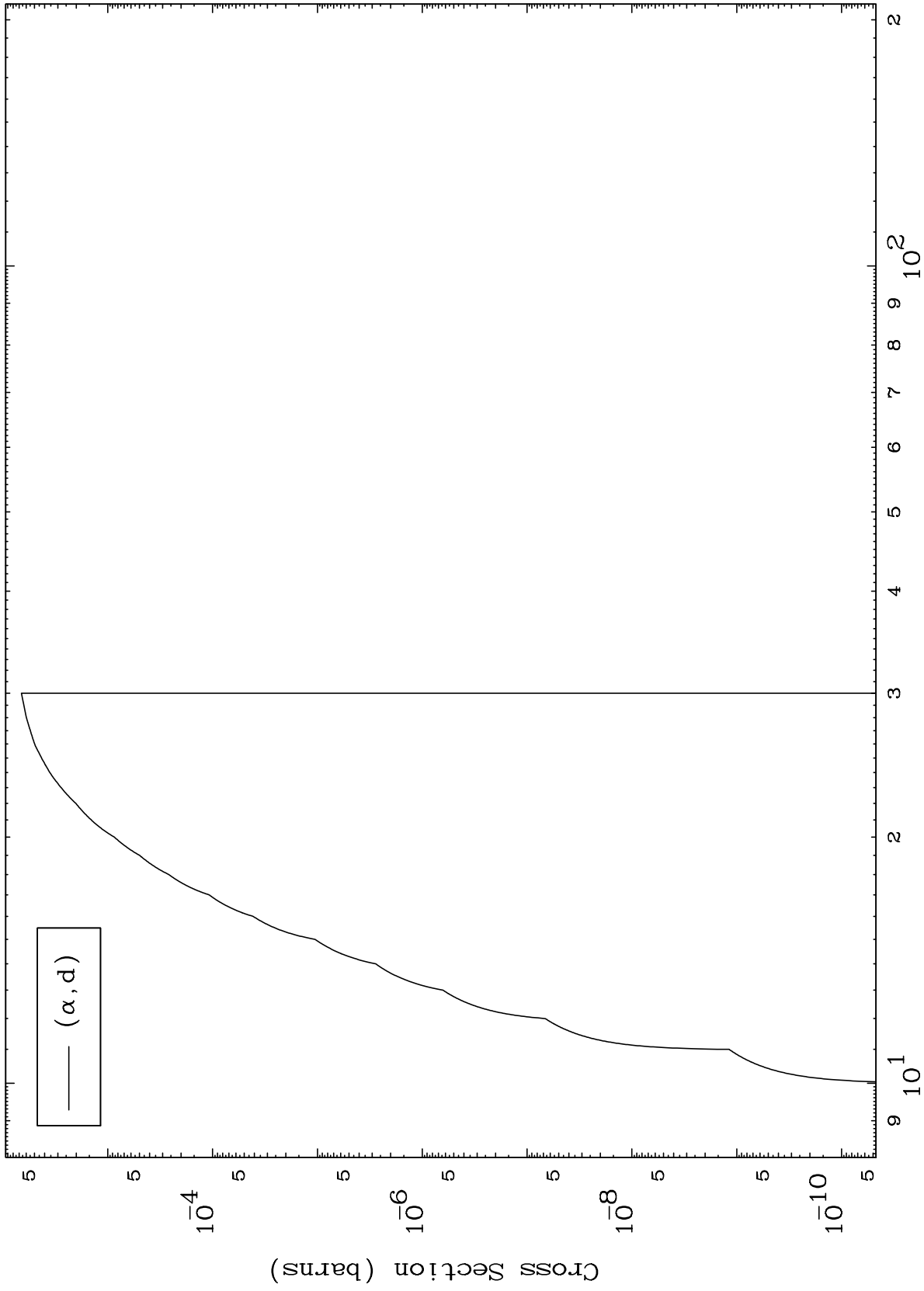
Incident Energy (MeV)

34-Se-81

MAT 3446

(α, d) Levels
0 Kelvin Cross Sections

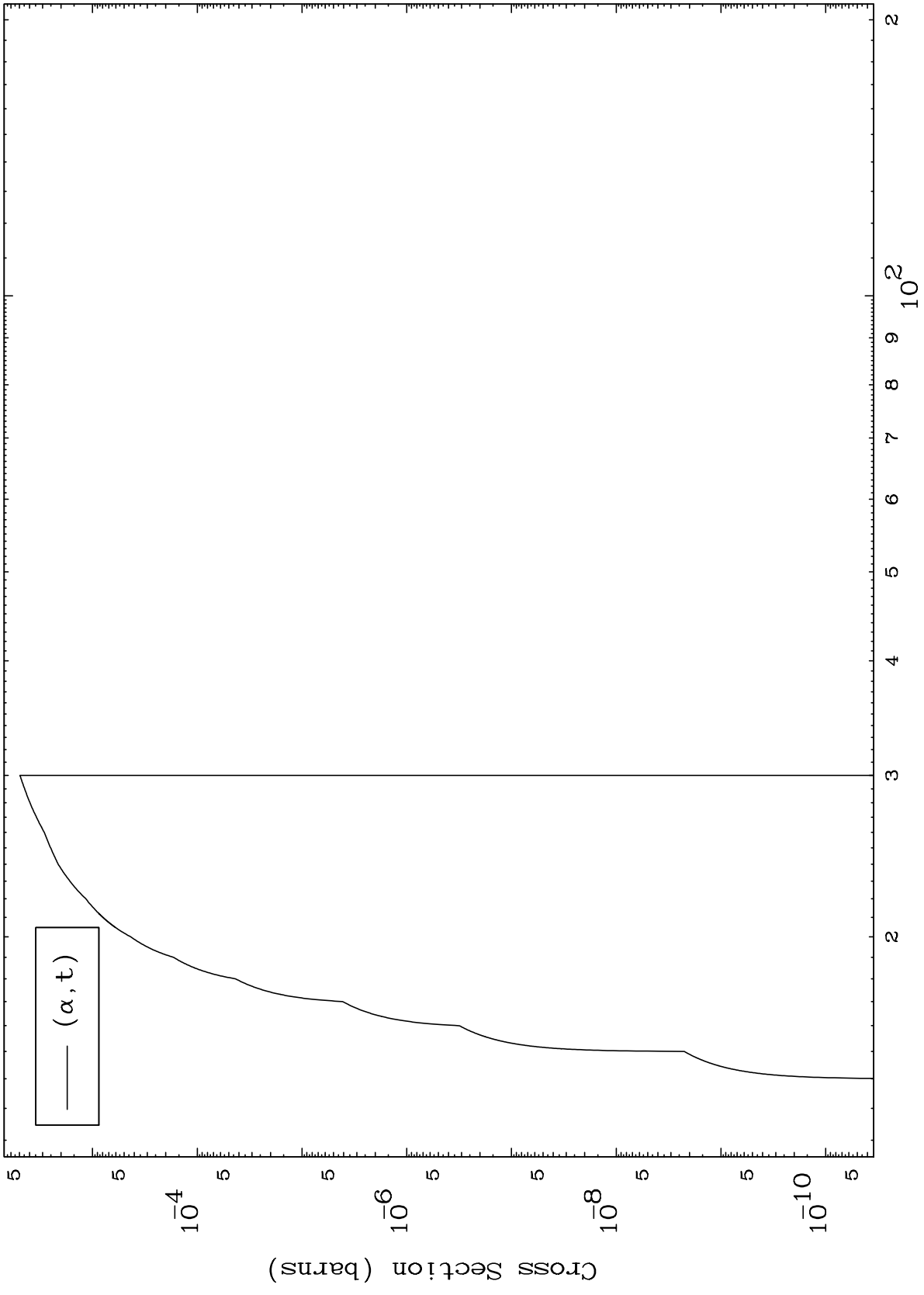
34-Se-81

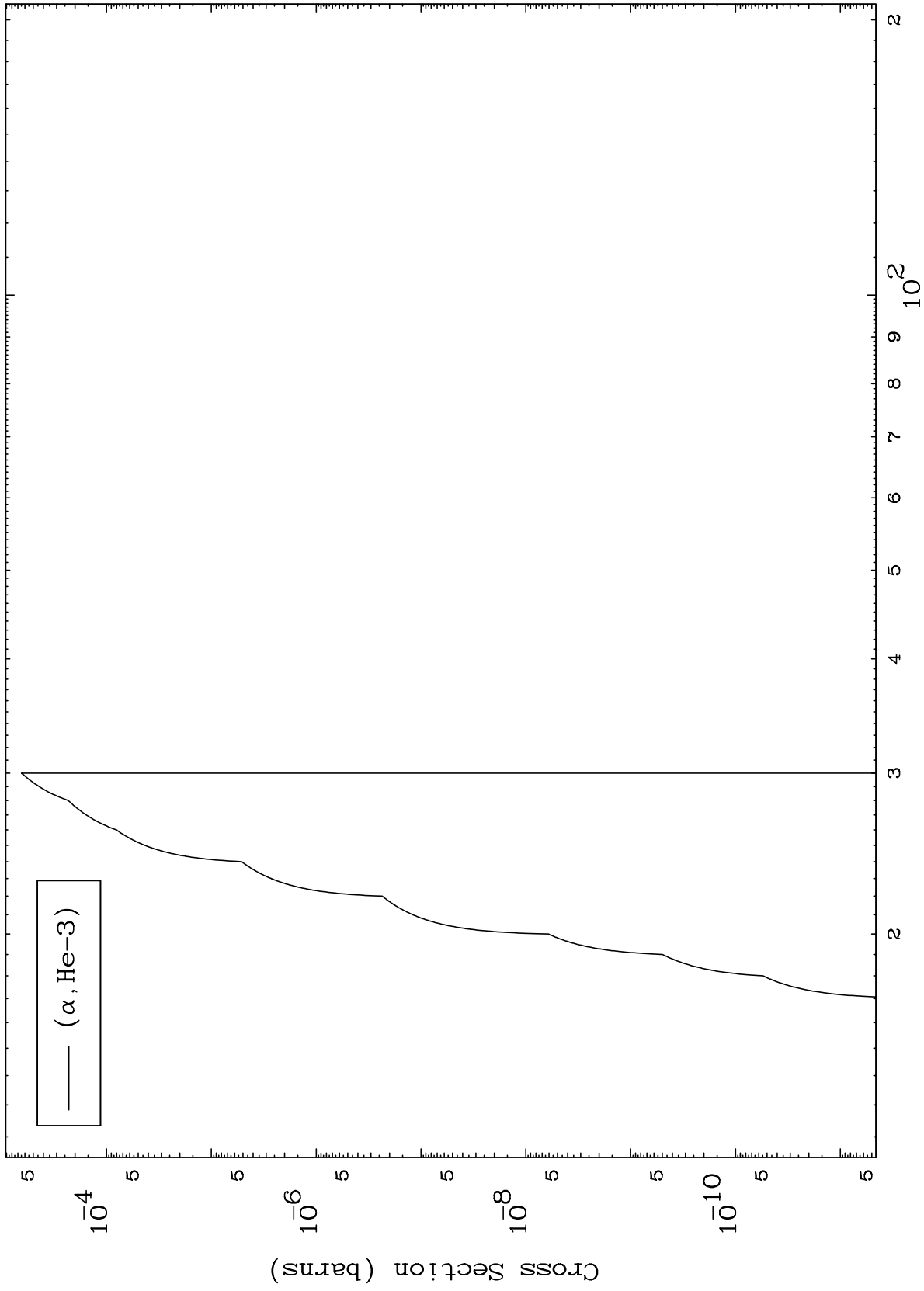


7

Incident Energy (MeV)

34-Se-81

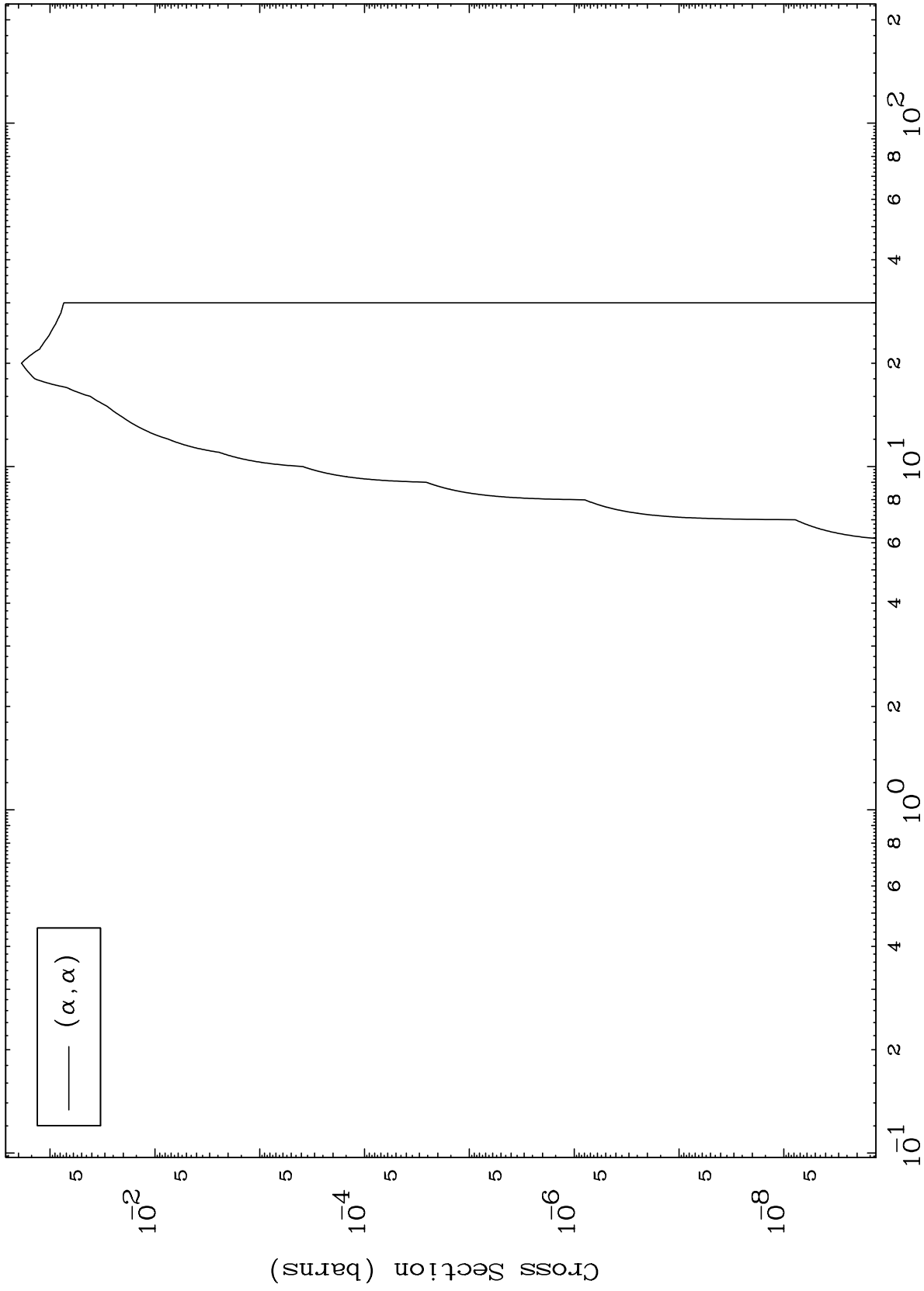




MAT 3446

(α, α) Levels
0 Kelvin Cross Sections

34-Se-81



10

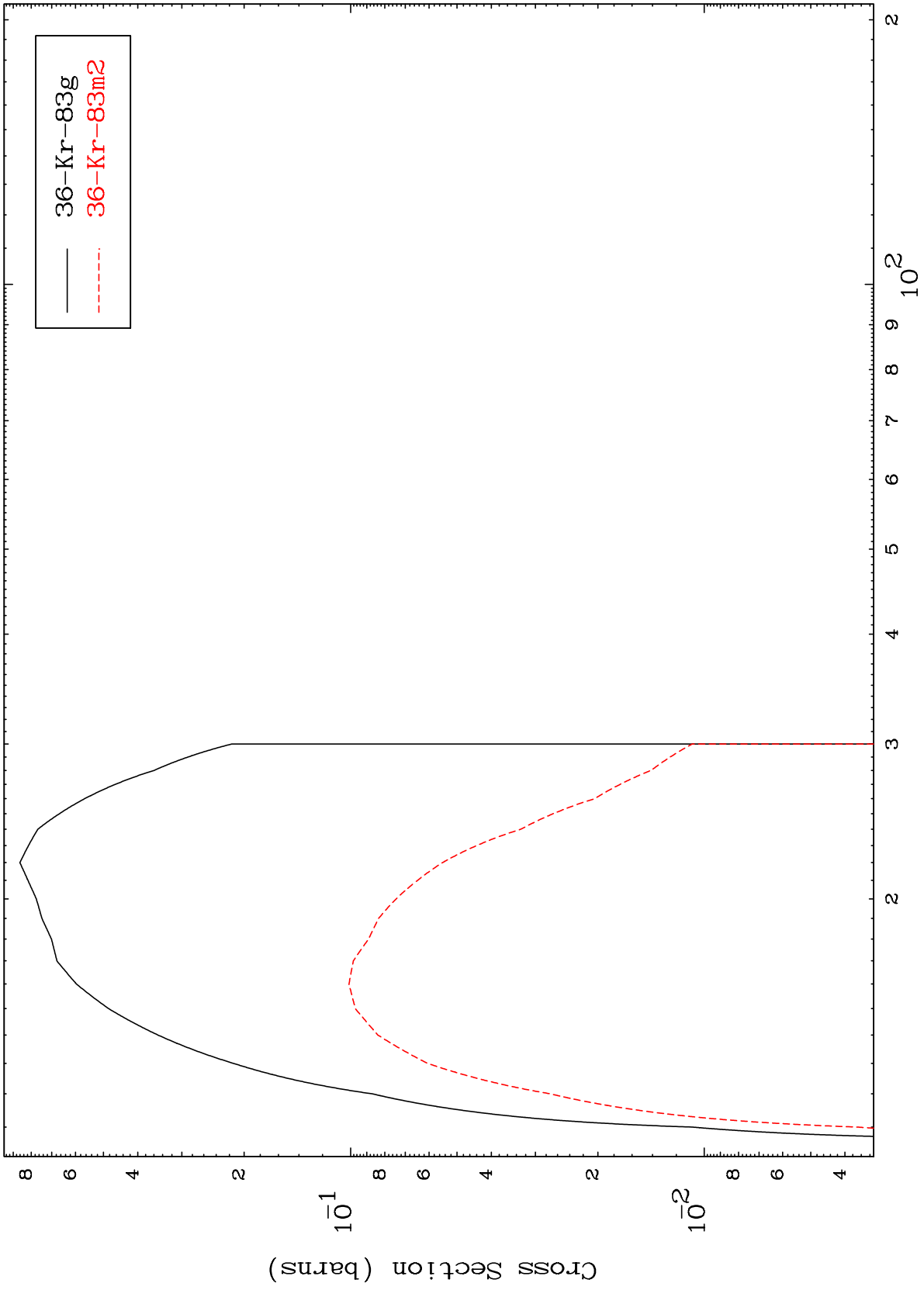
Incident Energy (MeV)

34-Se-81

MAT 3446

34-Se-81

Radionuclide Production Cross Section
($\alpha, 2n$)



11

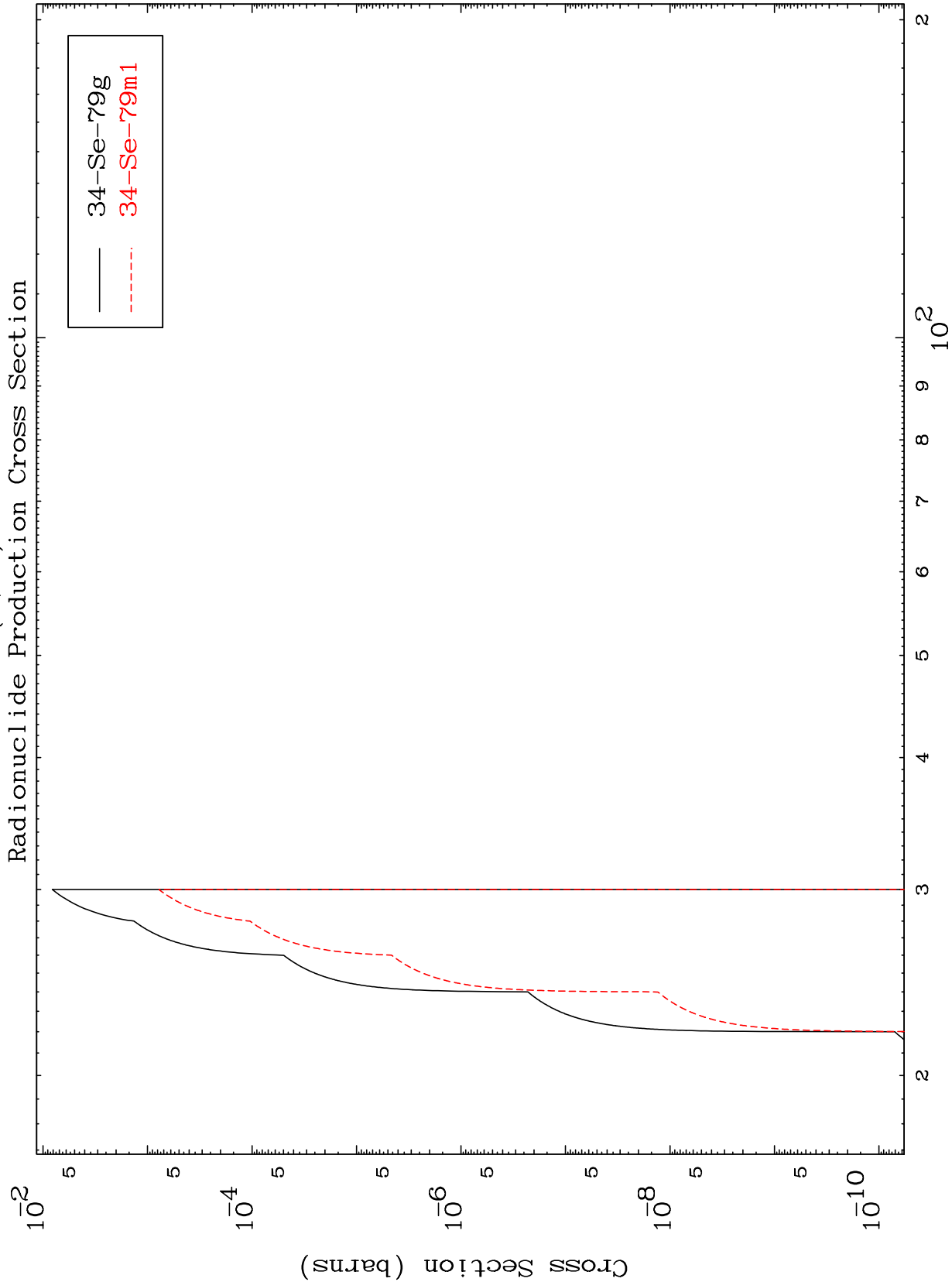
Incident Energy (MeV)

34-Se-81

MAT 3446

$(\alpha, 2n) \alpha$

34-Se-81



34-Se-81

Incident Energy (MeV)

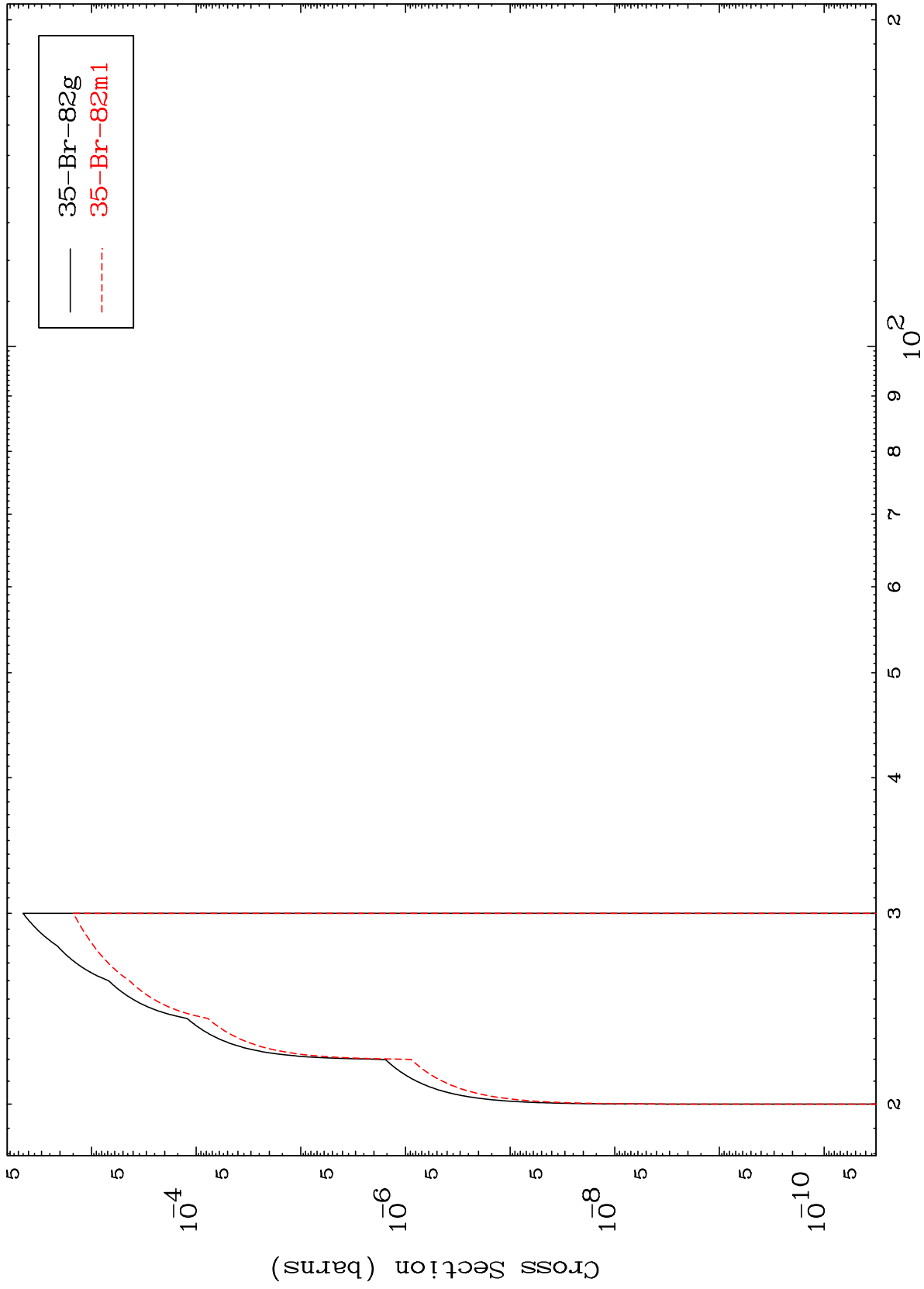
12

MAT 3446

(α, n') d

34-Se-81

Radionuclide Production Cross Section



13

Incident Energy (MeV)

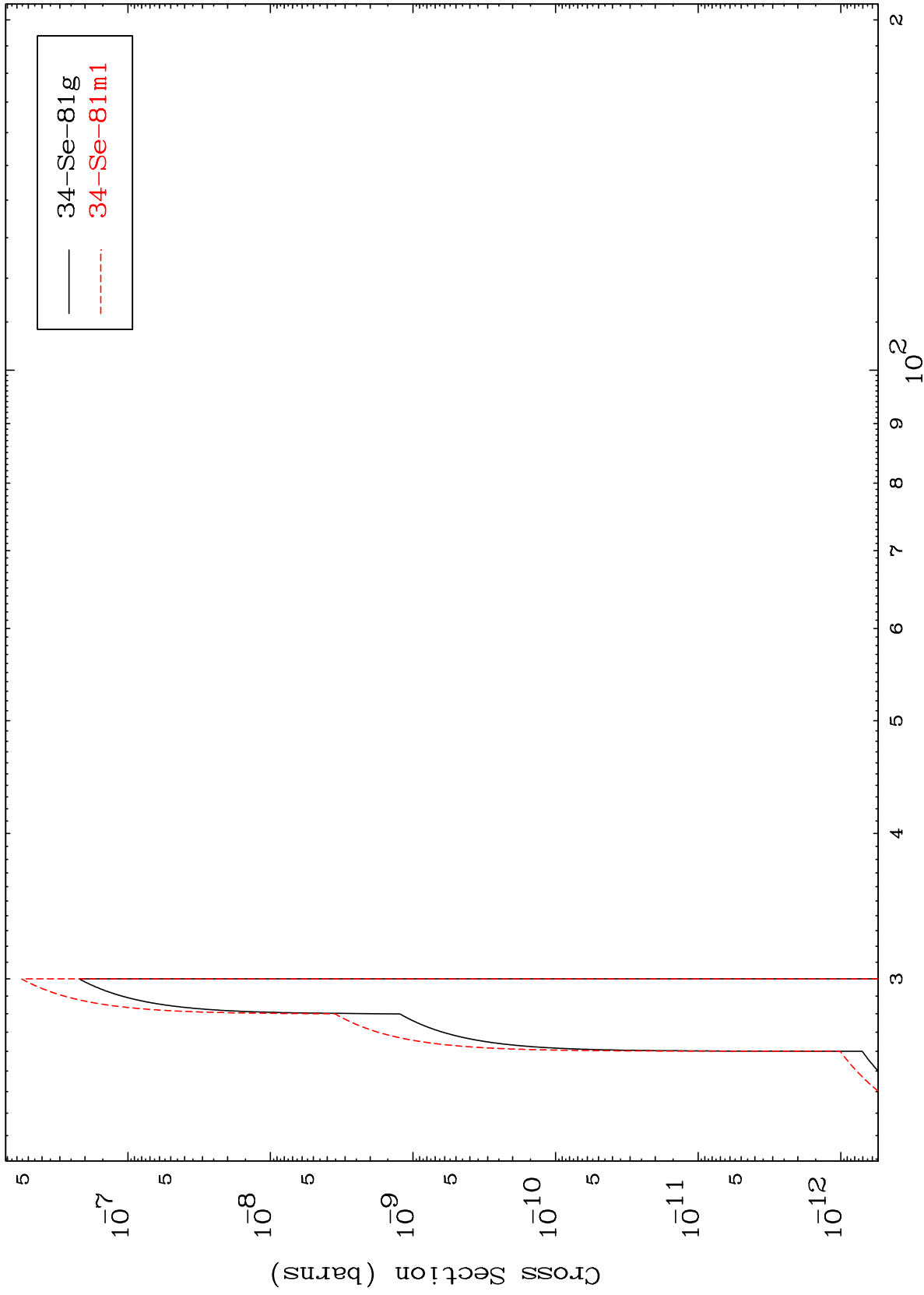
34-Se-81

MAT 3446

(α, n') He-3

34-Se-81

Radionuclide Production Cross Section



14

Incident Energy (MeV)

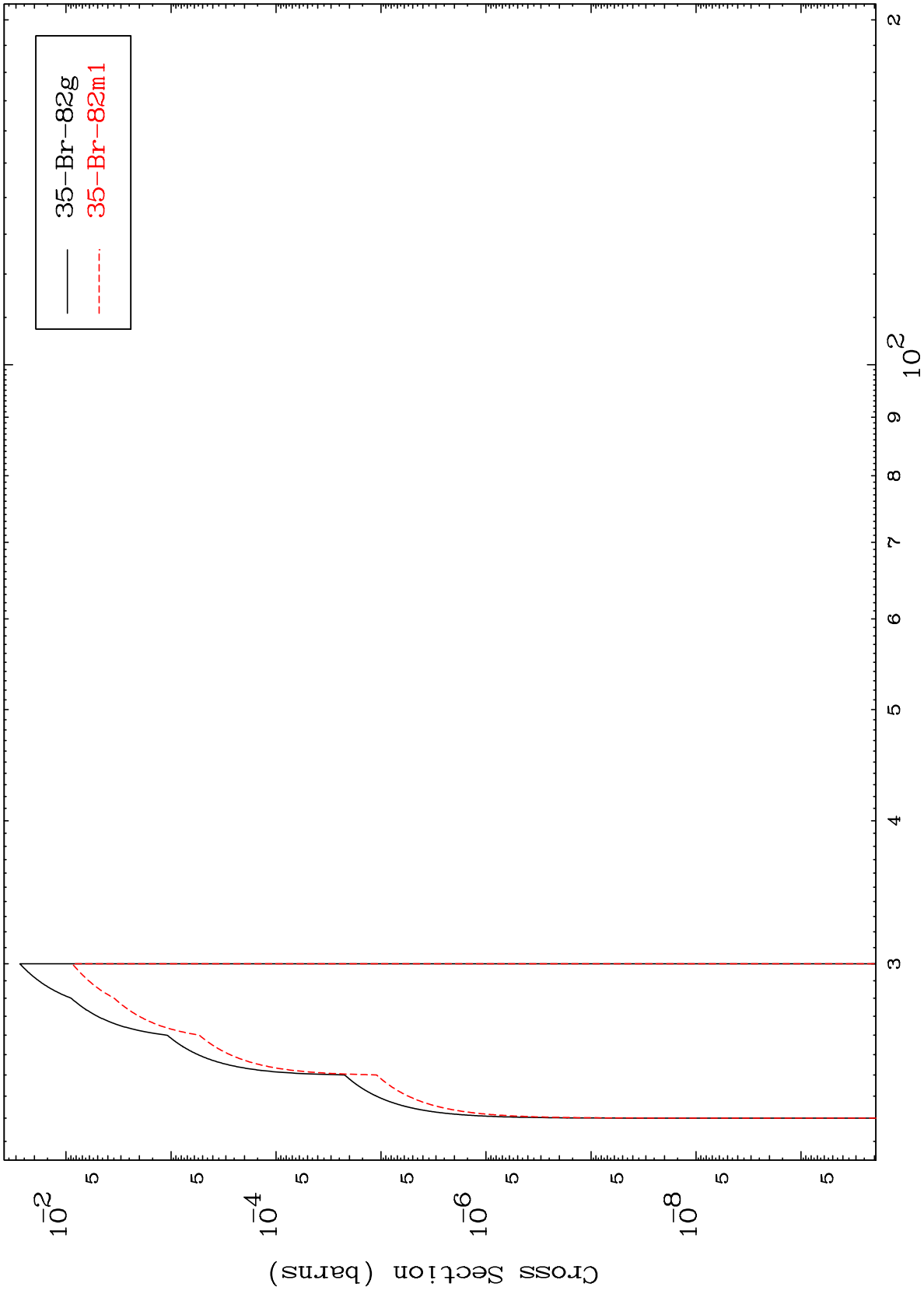
34-Se-81

MAT 3446

$(\alpha, 2n)$ p

³⁴Se-81

Radionuclide Production Cross Section



15

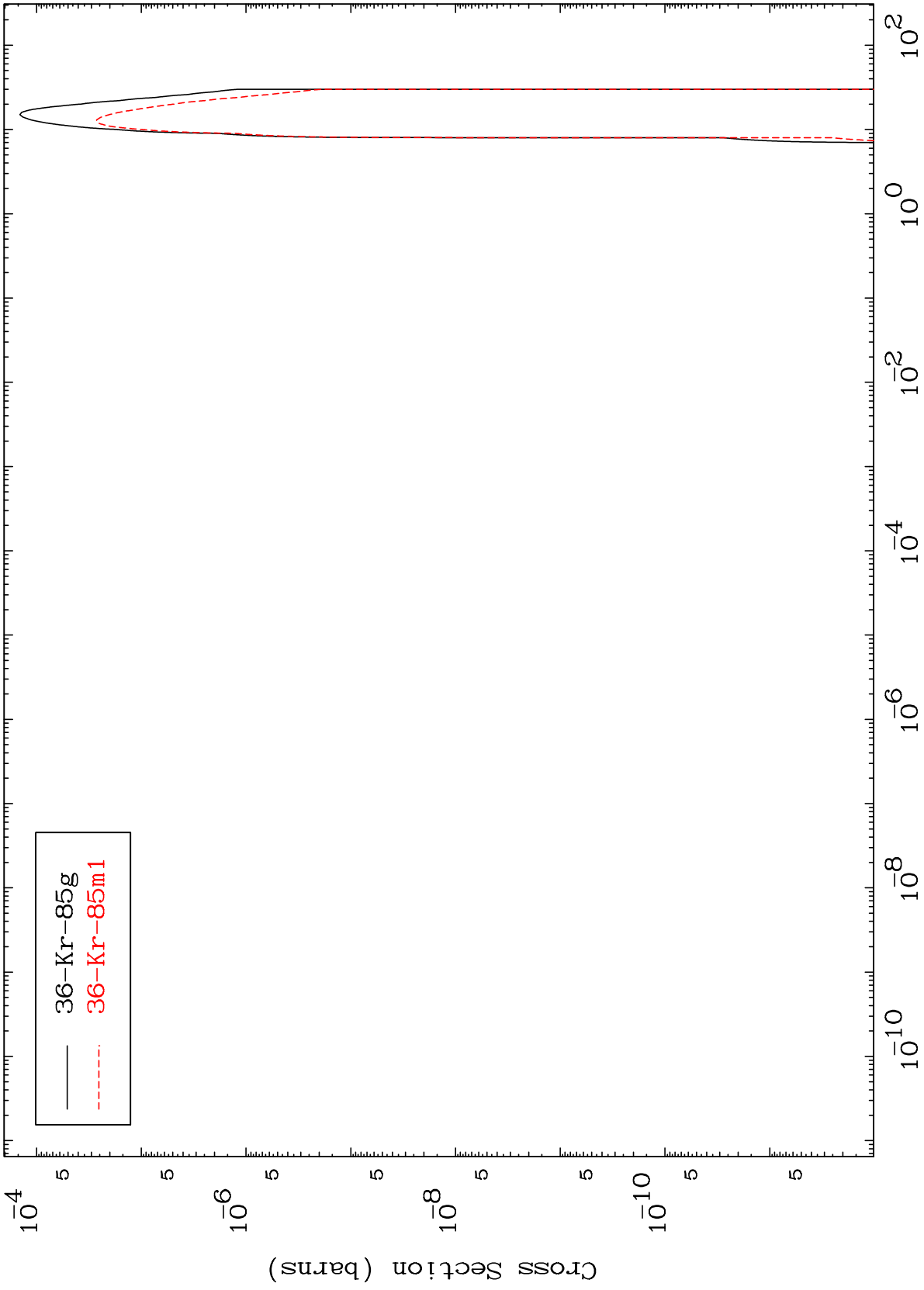
Incident Energy (MeV)

³⁴Se-81

MAT 3446

Radionuclide Production Cross Section
(α, γ)

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



16

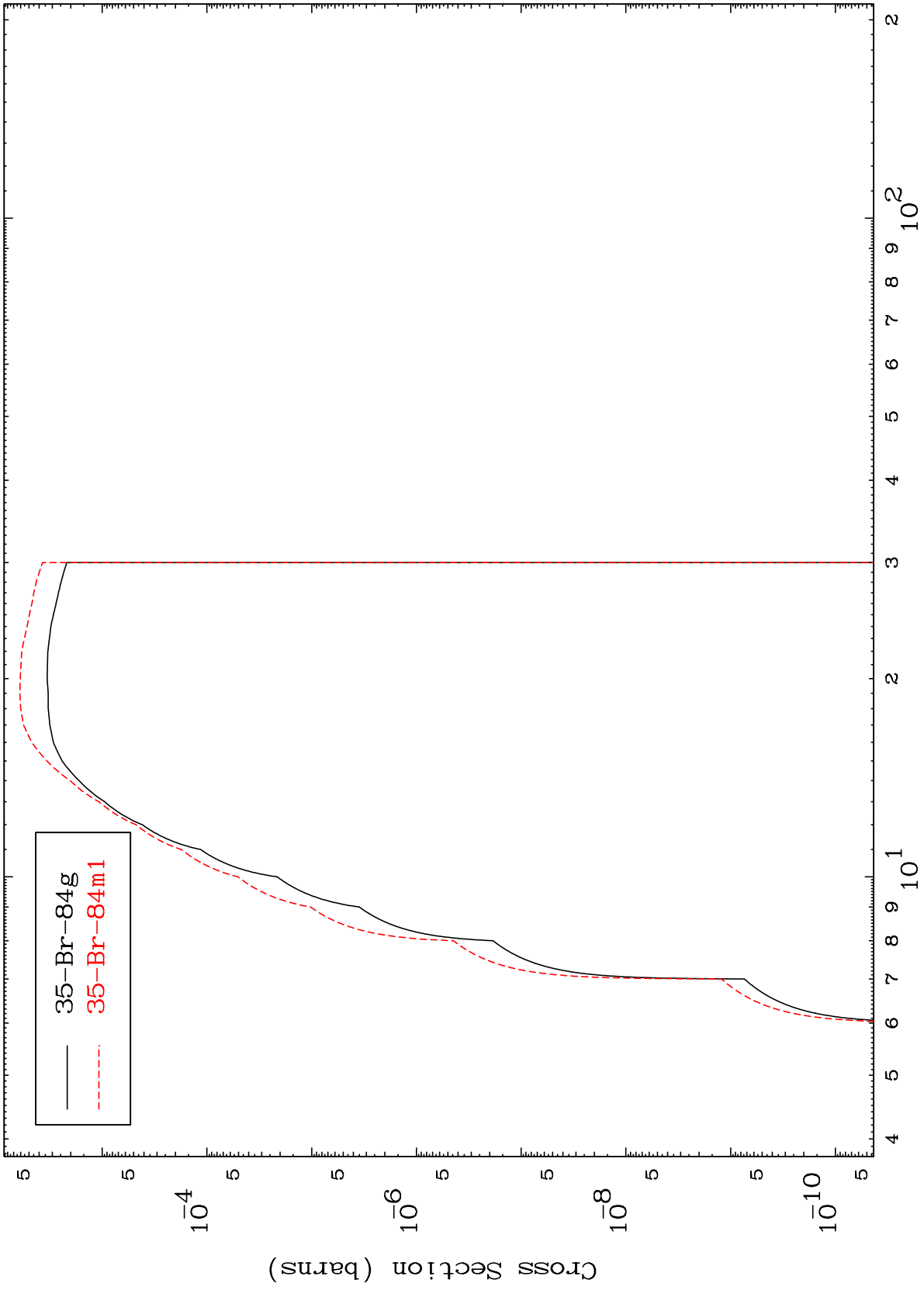
Incident Energy (MeV)

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

MAT 3446

34-Se-81

Radionuclide Production Cross Section



17

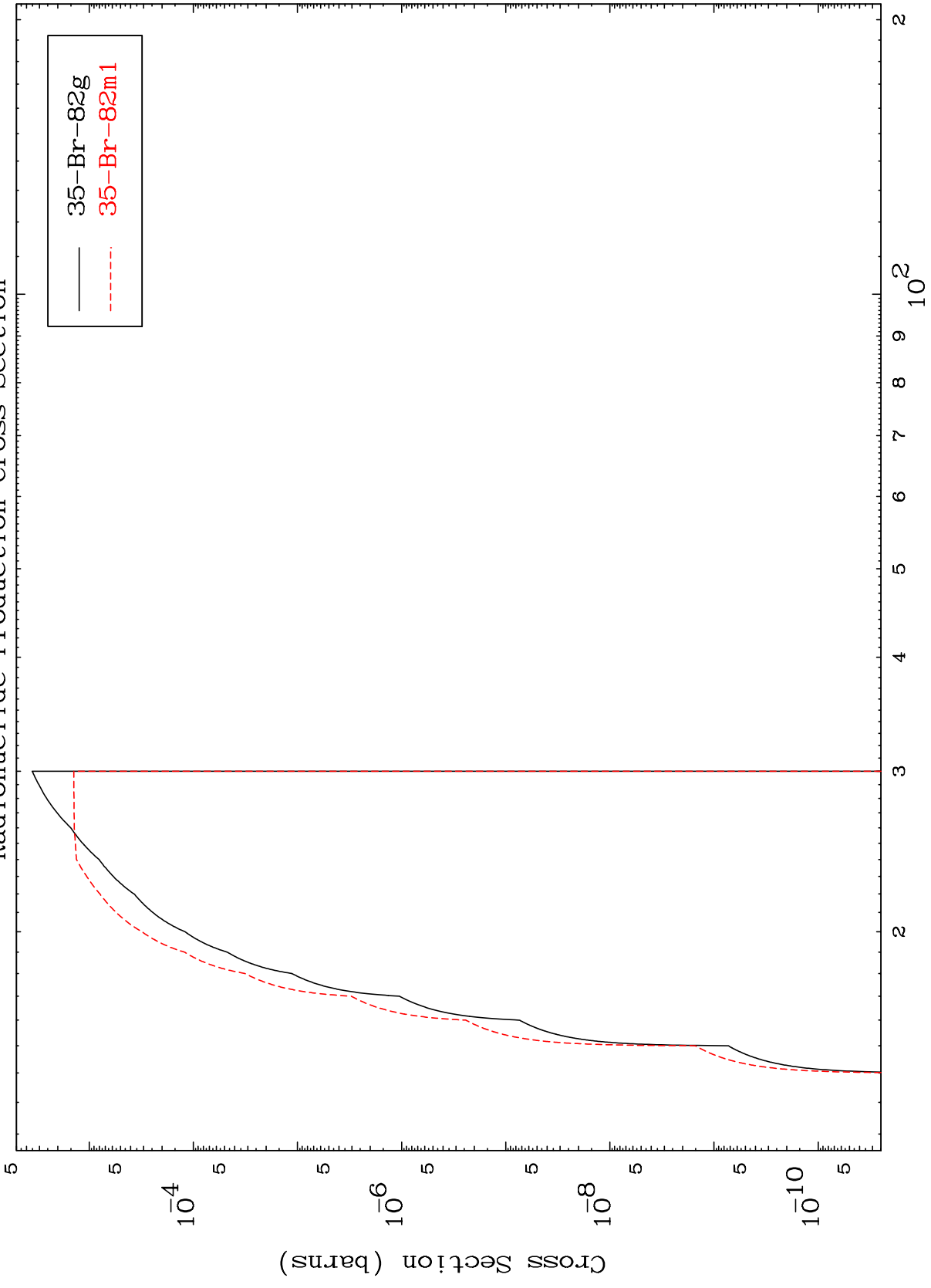
Incident Energy (MeV)

34-Se-81

MAT 3446

34-Se-81

(α, t)
Radionuclide Production Cross Section



18

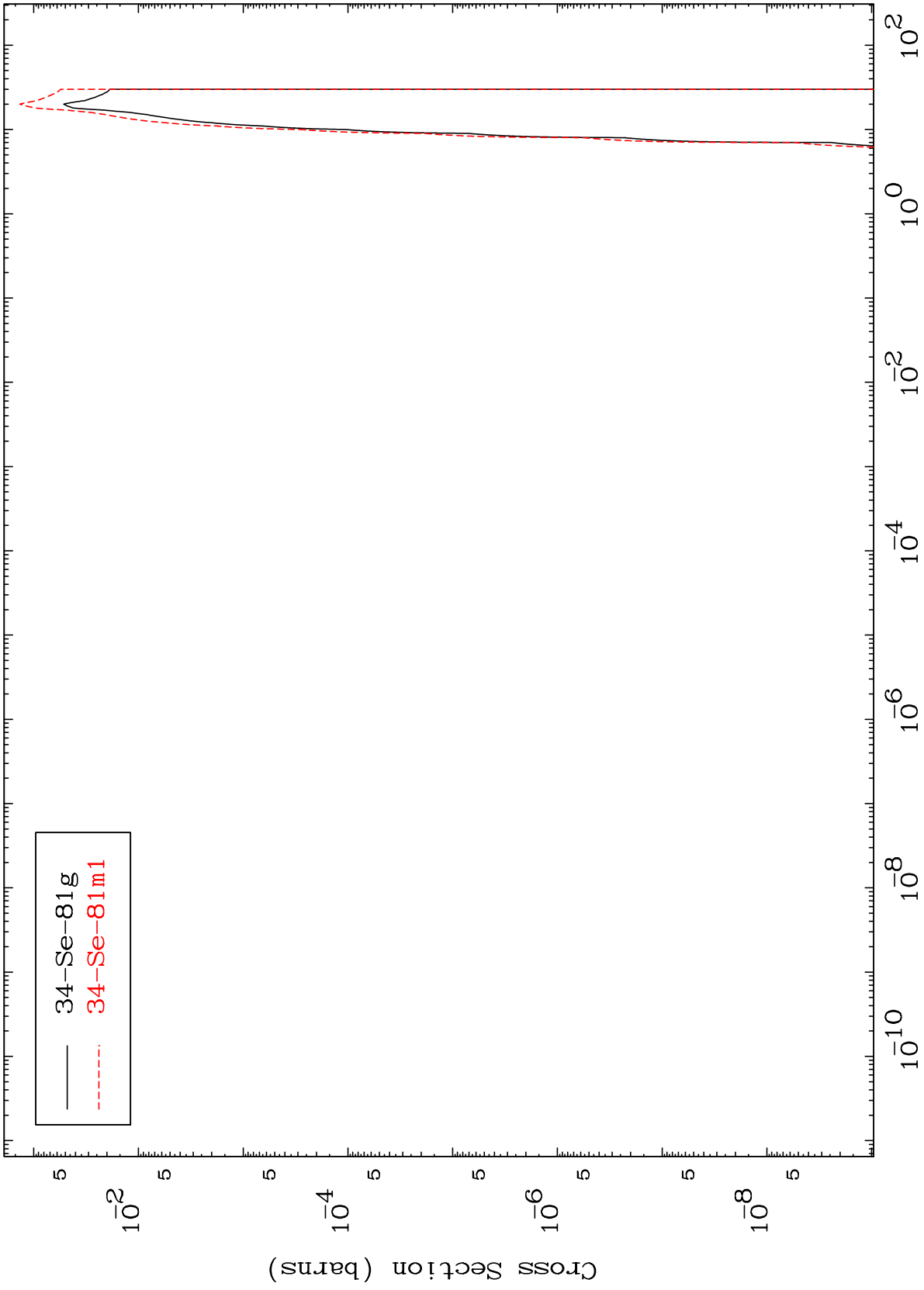
Incident Energy (MeV)

34-Se-81

MAT 3446

³⁴Se-81

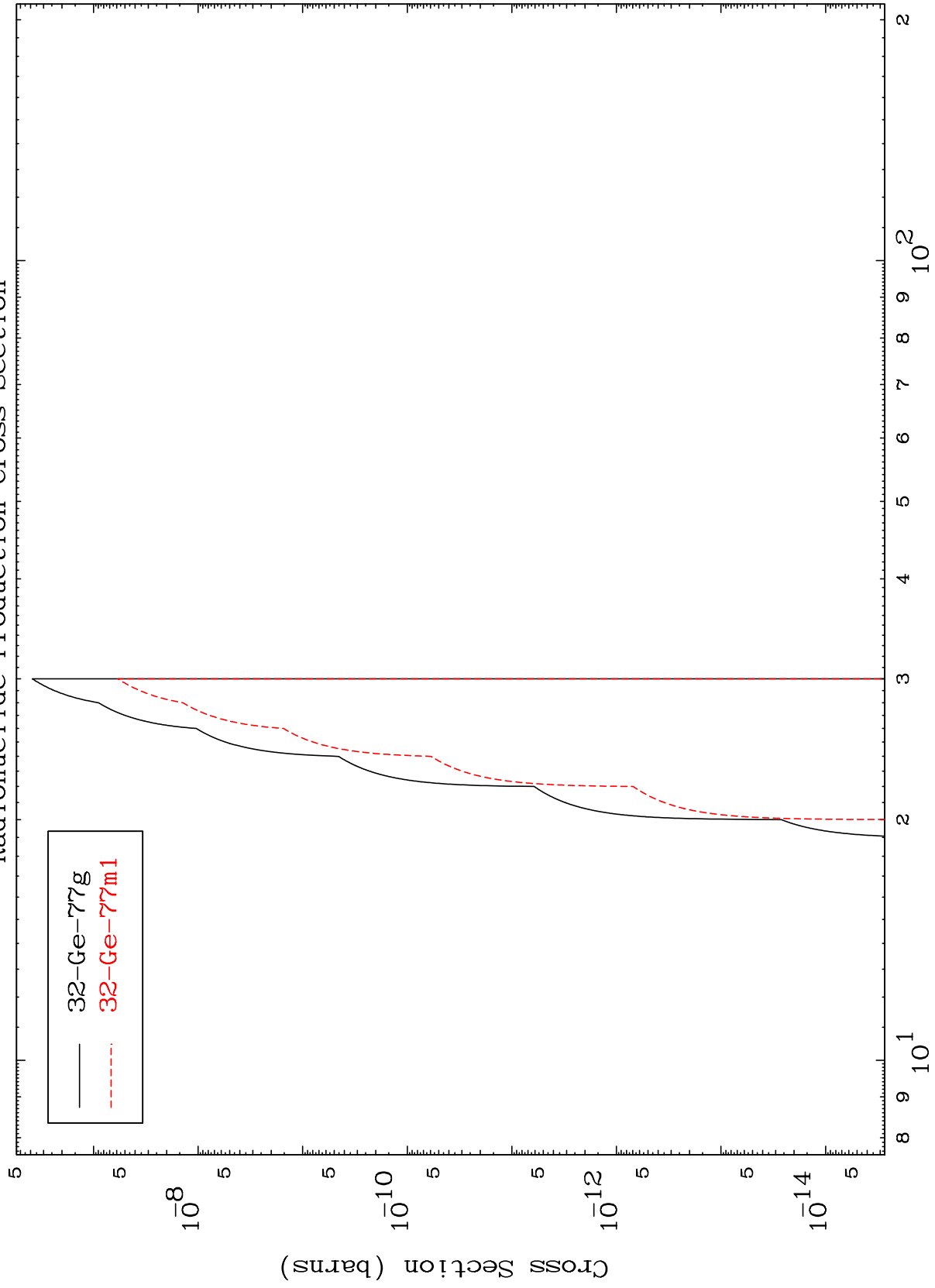
(α, α)
Radionuclide Production Cross Section



MAT 3446

34-^{Se}-81

Radionuclide Production Cross Section



32-^{Ge}-77g
32-^{Ge}-77m1

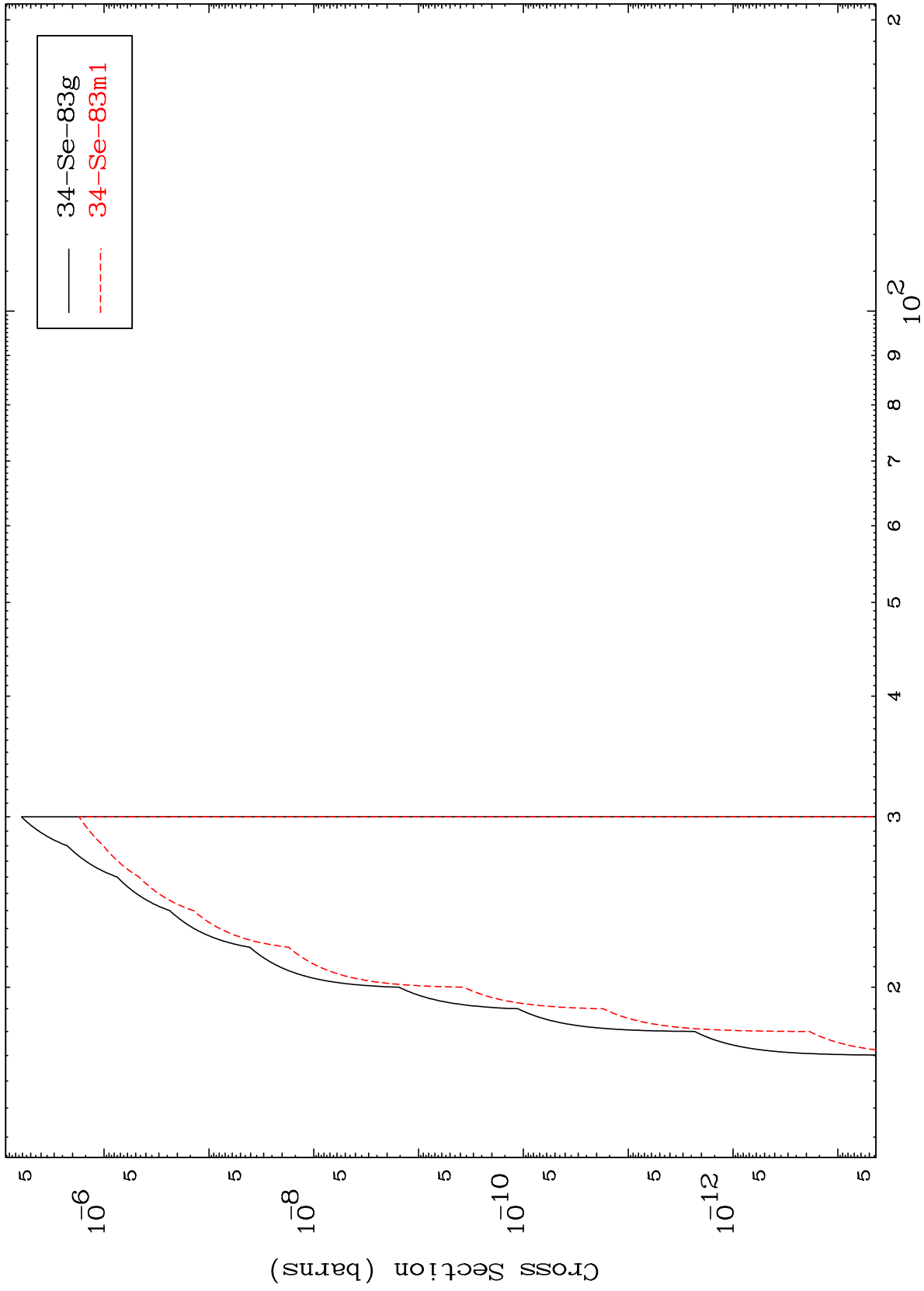
20

34-^{Se}-81

MAT 3446

34-Se-81

($\alpha, 2p$)
Radionuclide Production Cross Section



21

34-Se-81

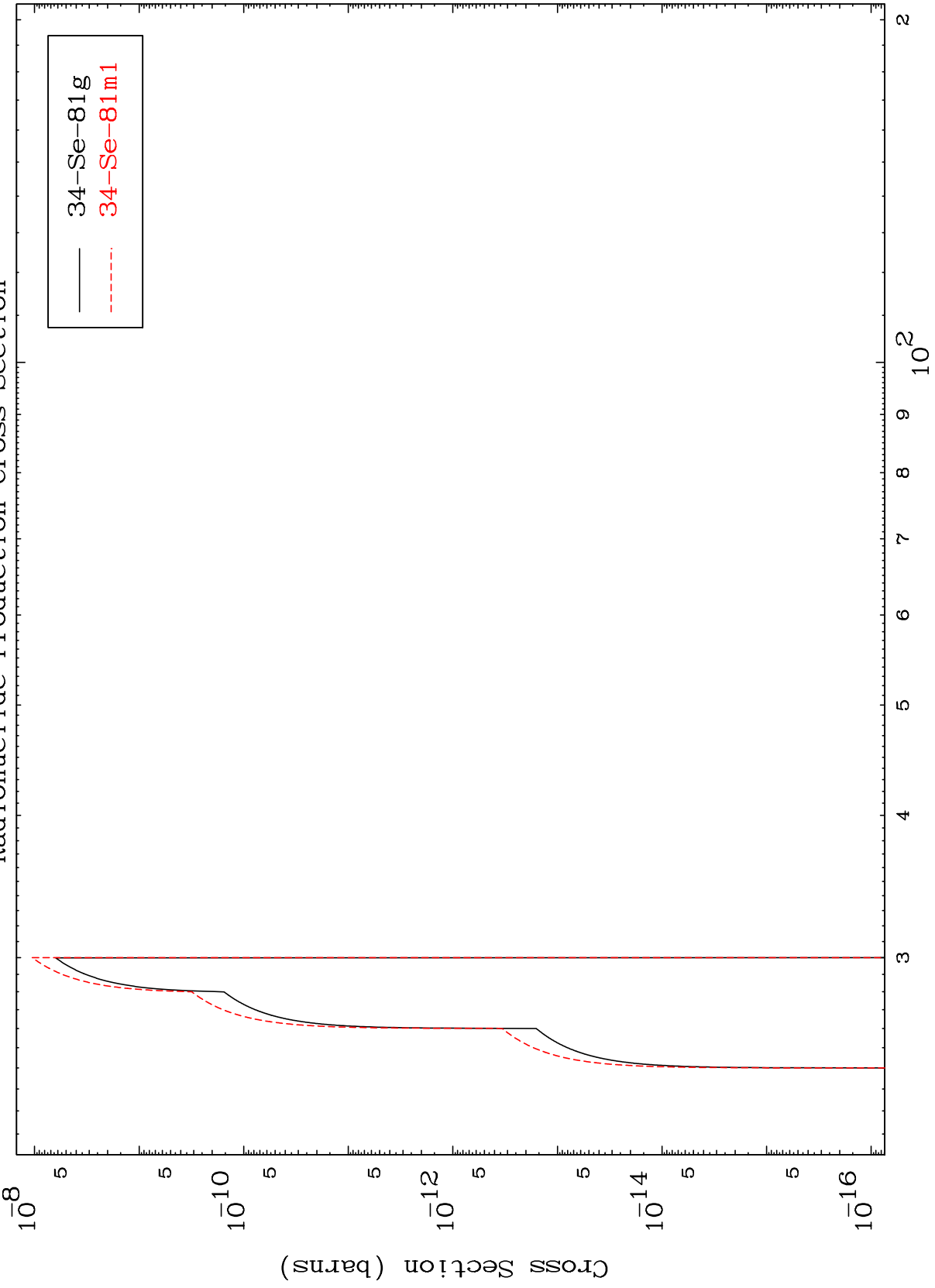
Incident Energy (MeV)

MAT 3446

(α, p) t

³⁴Se-81

Radionuclide Production Cross Section



22

Incident Energy (MeV)

³⁴Se-81