

Program EVALPLOT
(Version 2018-1)

by

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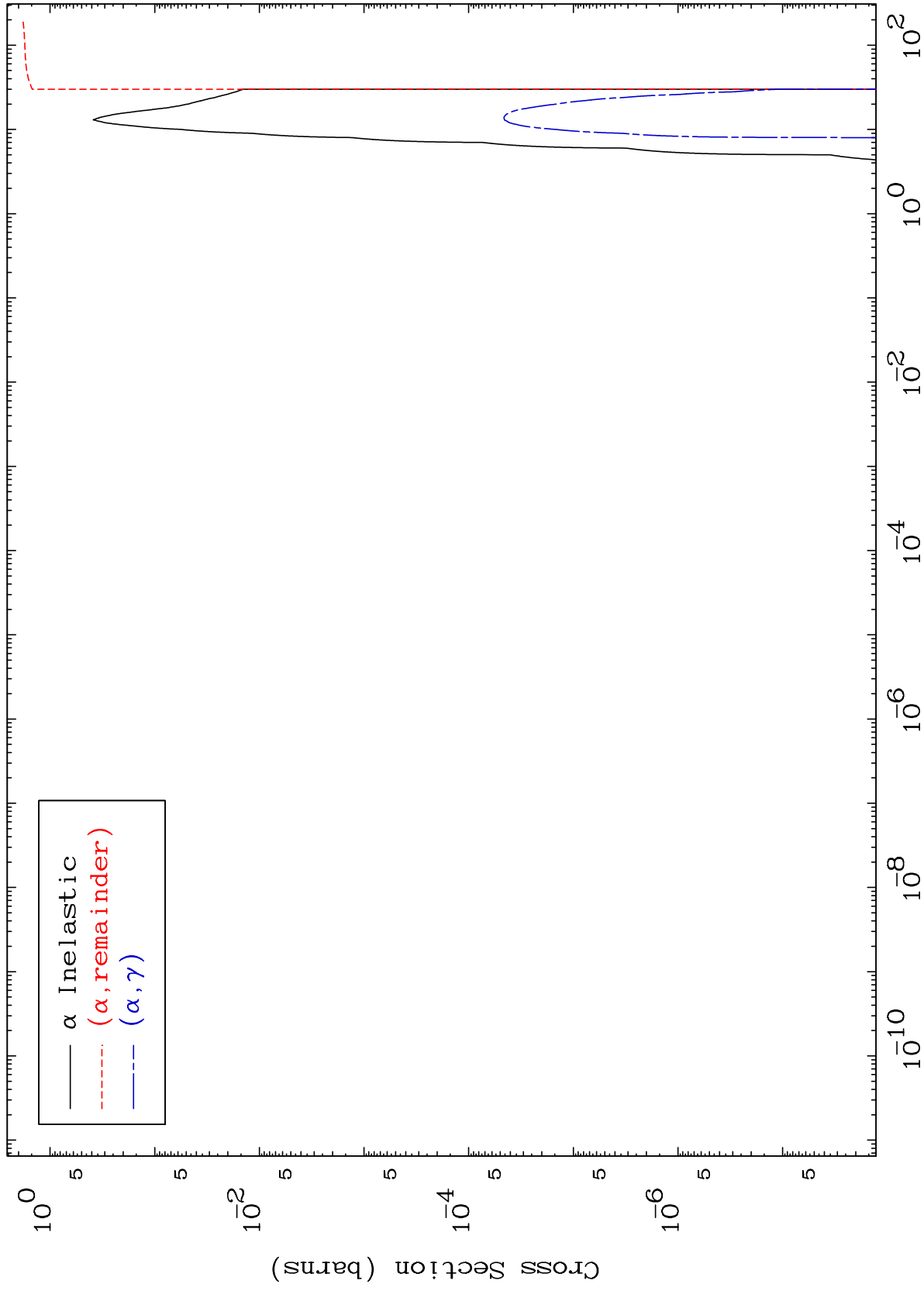
Press Mouse Button to Start

MAT 3441

0 Kelvin

α Major Cross Sections

34-Se-79



1

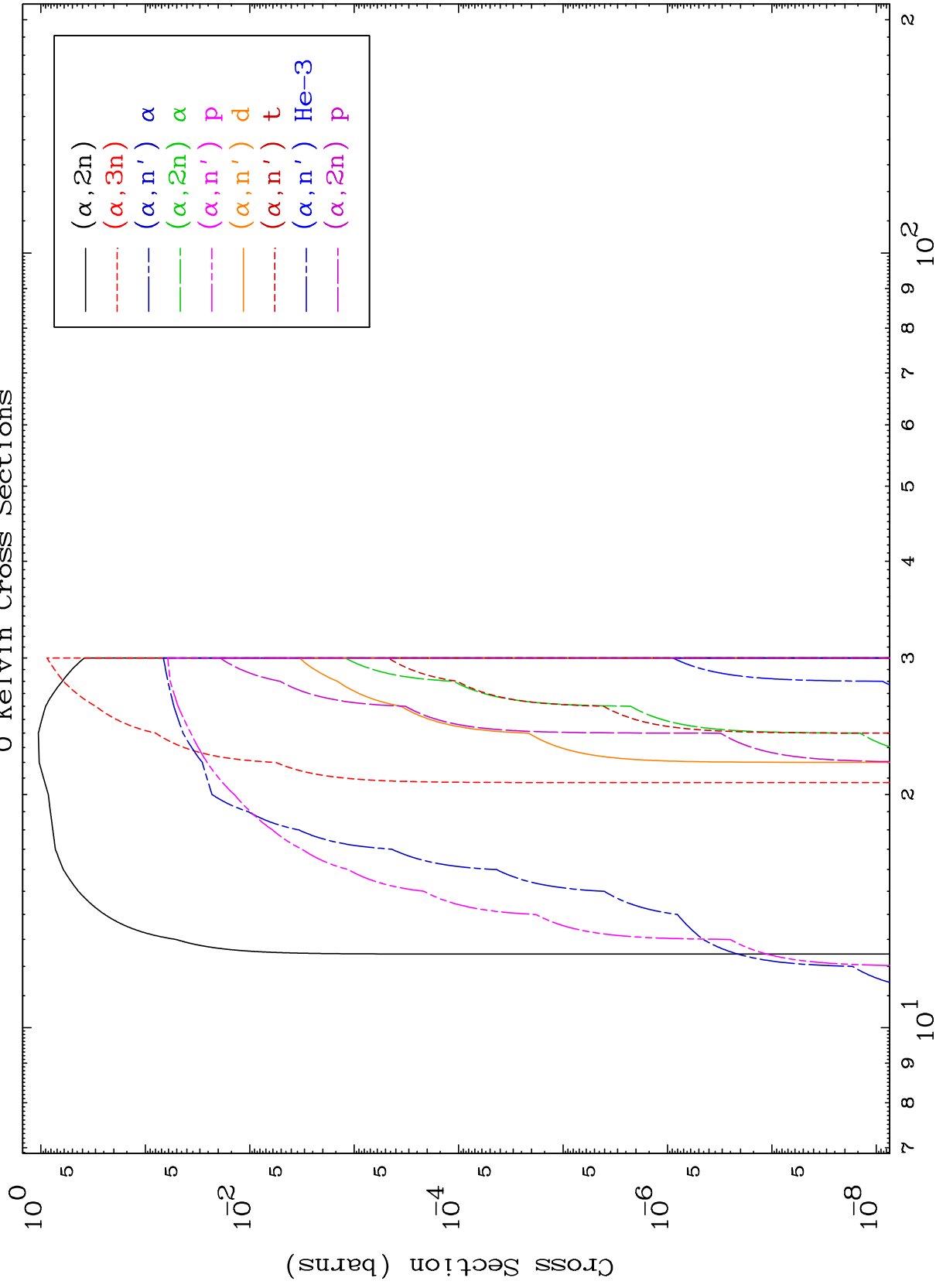
Incident Energy (MeV)

34-Se-79

MAT 3441

α Neutron Production
0 Kelvin Cross Sections

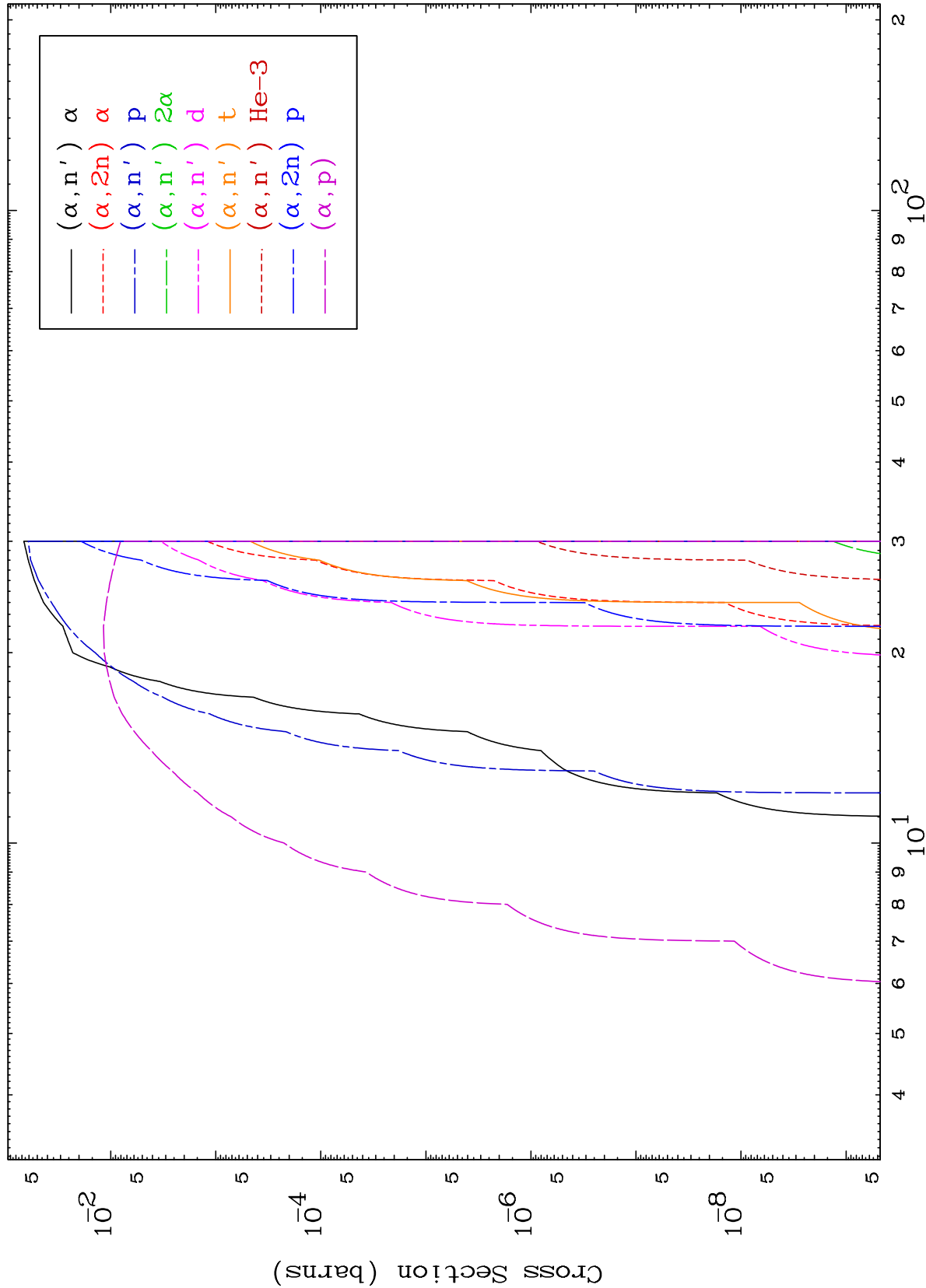
34-Se-79



2

Incident Energy (MeV)

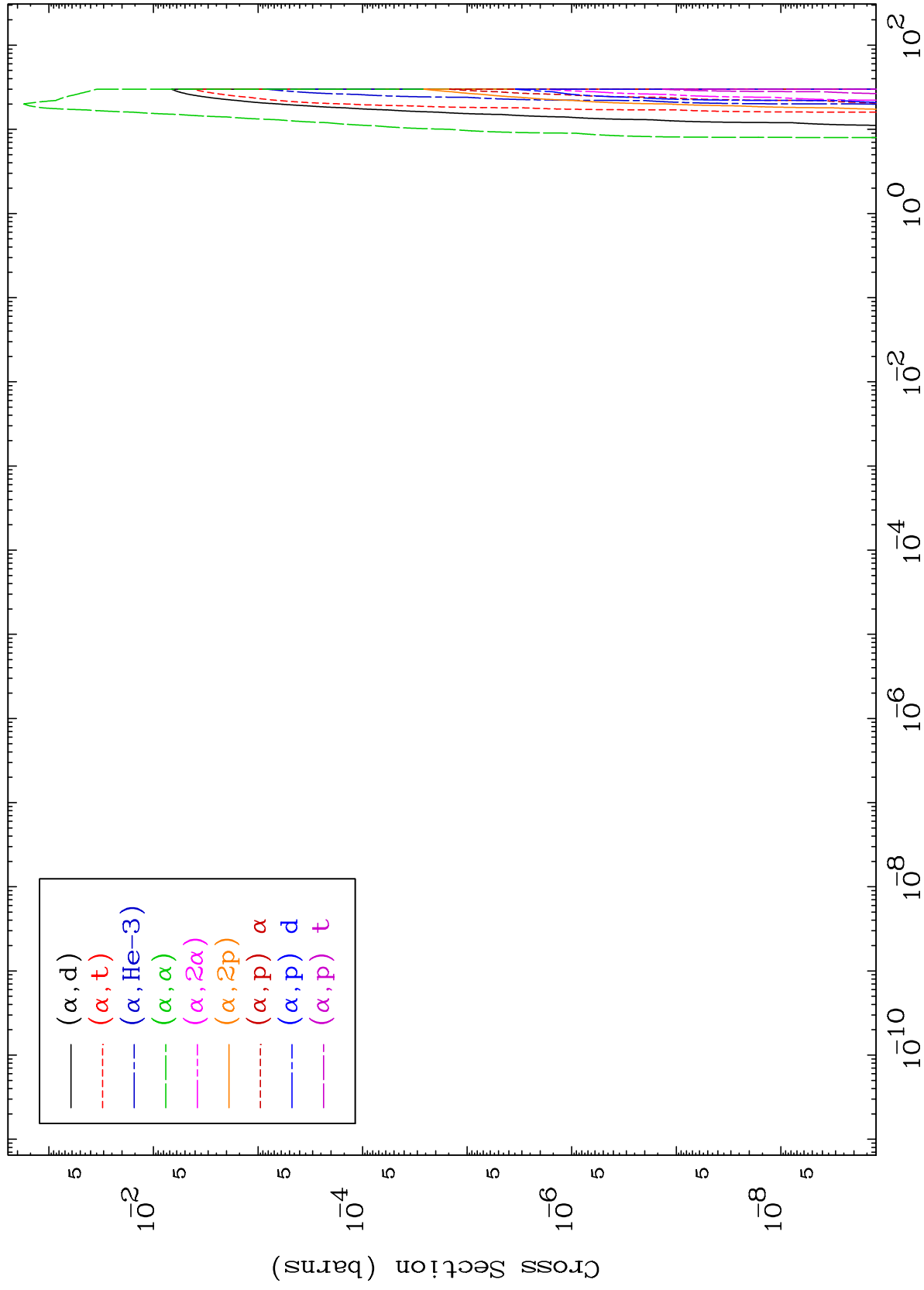
34-Se-79



MAT 3441

α Charged Particle
0 Kelvin Cross Sections

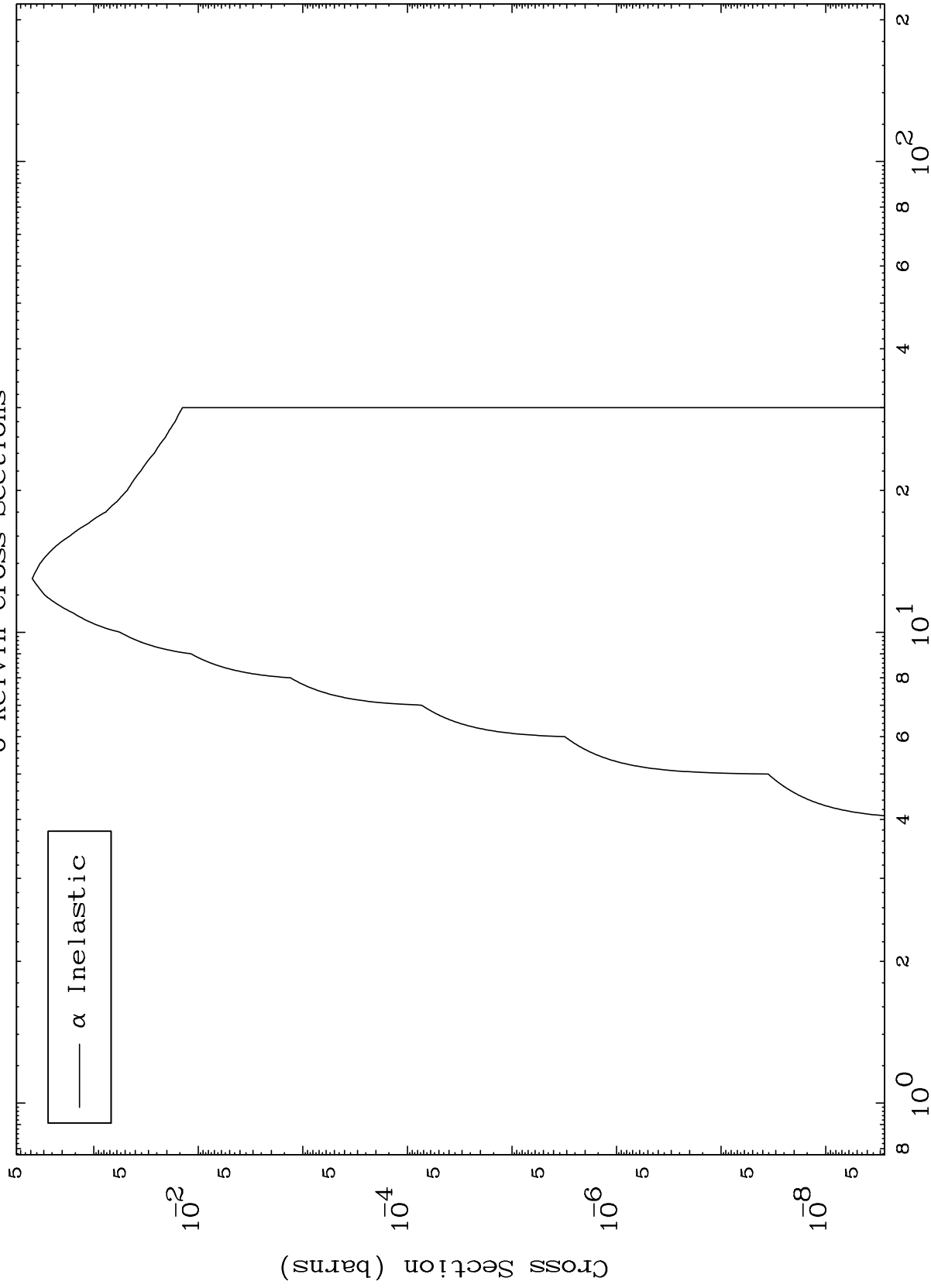
34-Se-79



MAT 3441

34-Se-79

(α, n') Level
0 Kelvin Cross Sections



5

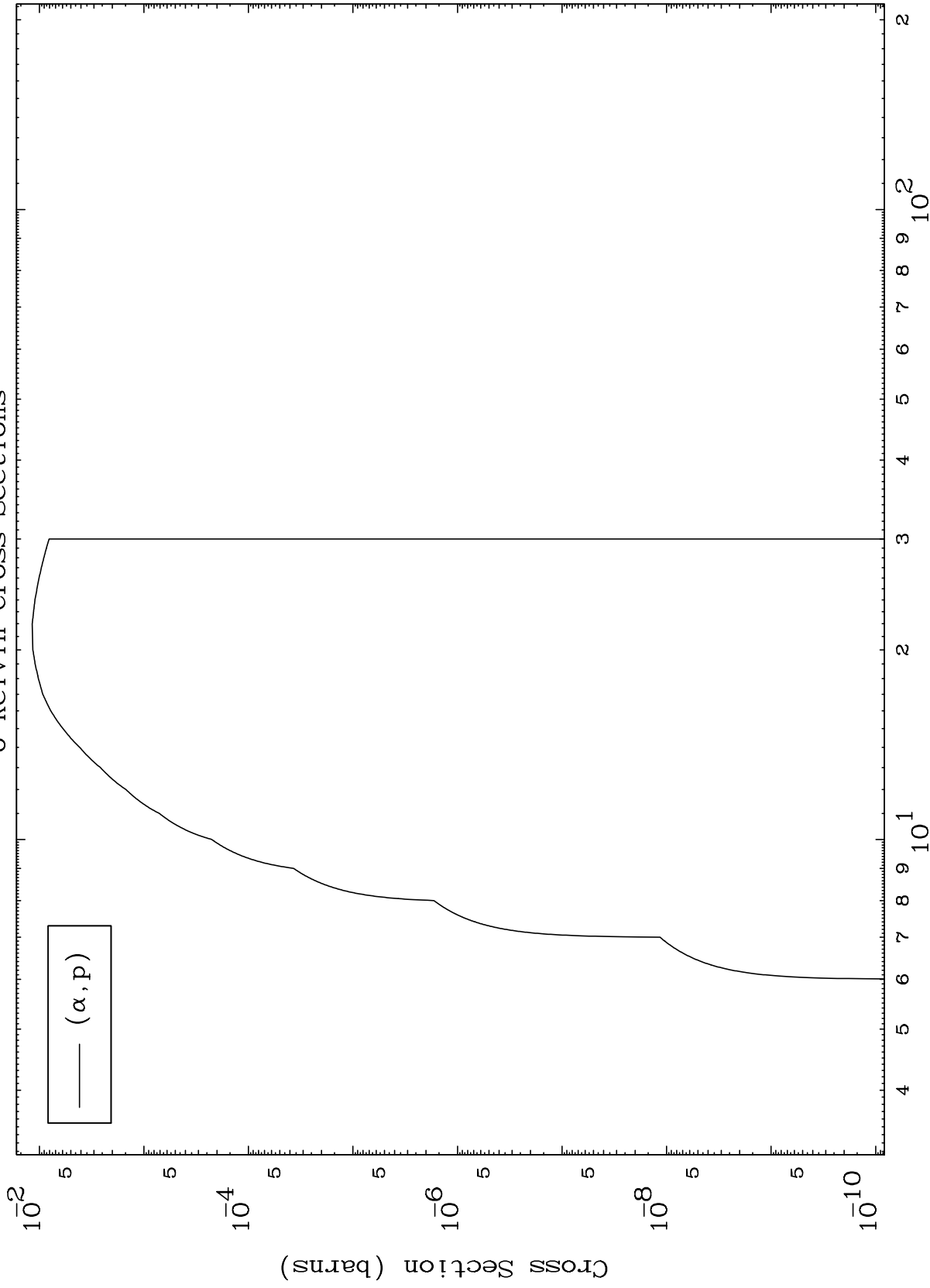
Incident Energy (MeV)

34-Se-79

MAT 3441

34-Se-79

(α ,p) Levels
0 Kelvin Cross Sections



6

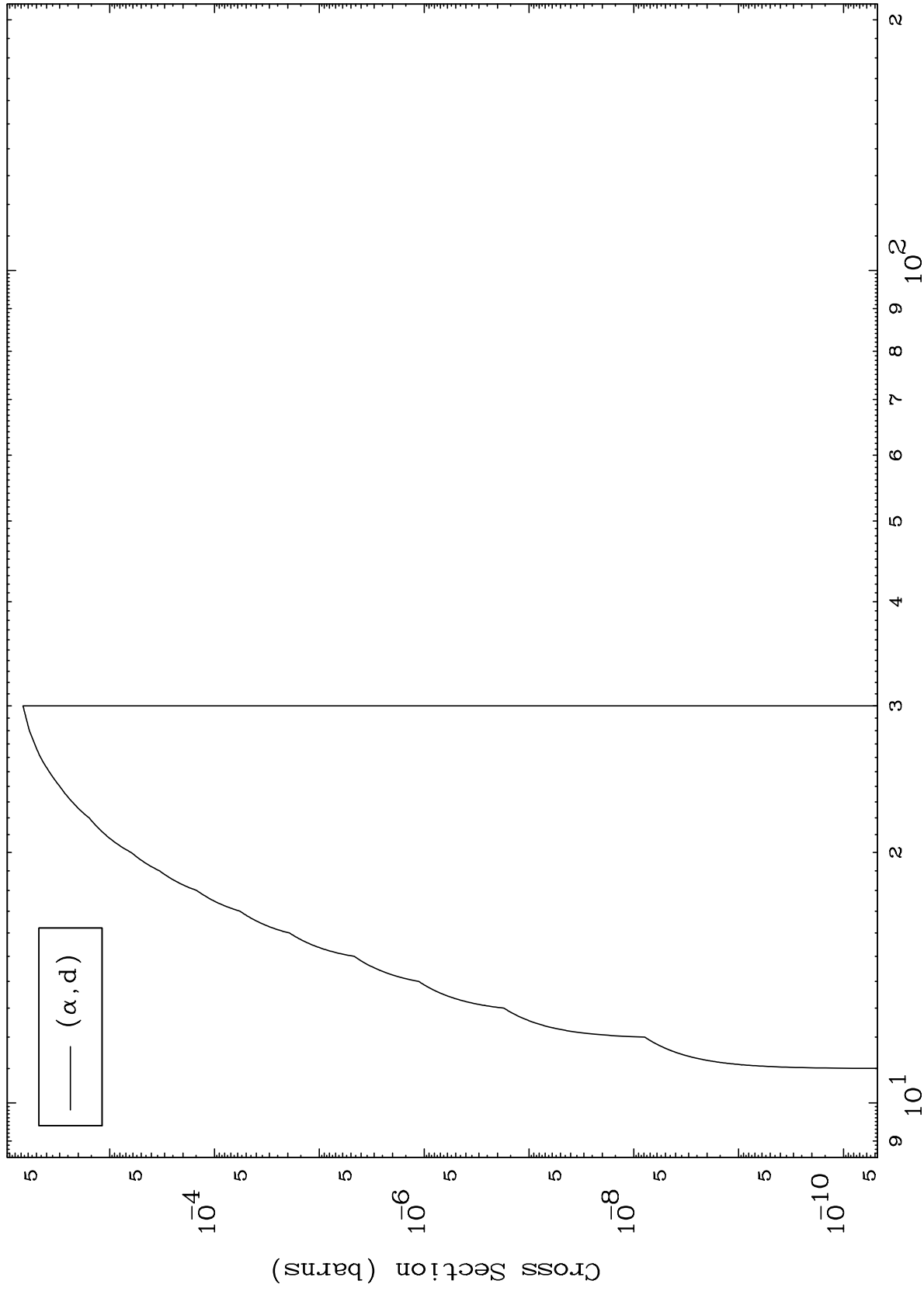
Incident Energy (MeV)

34-Se-79

MAT 3441

34-Se-79

(α ,d) Levels
0 Kelvin Cross Sections



7

Incident Energy (MeV)

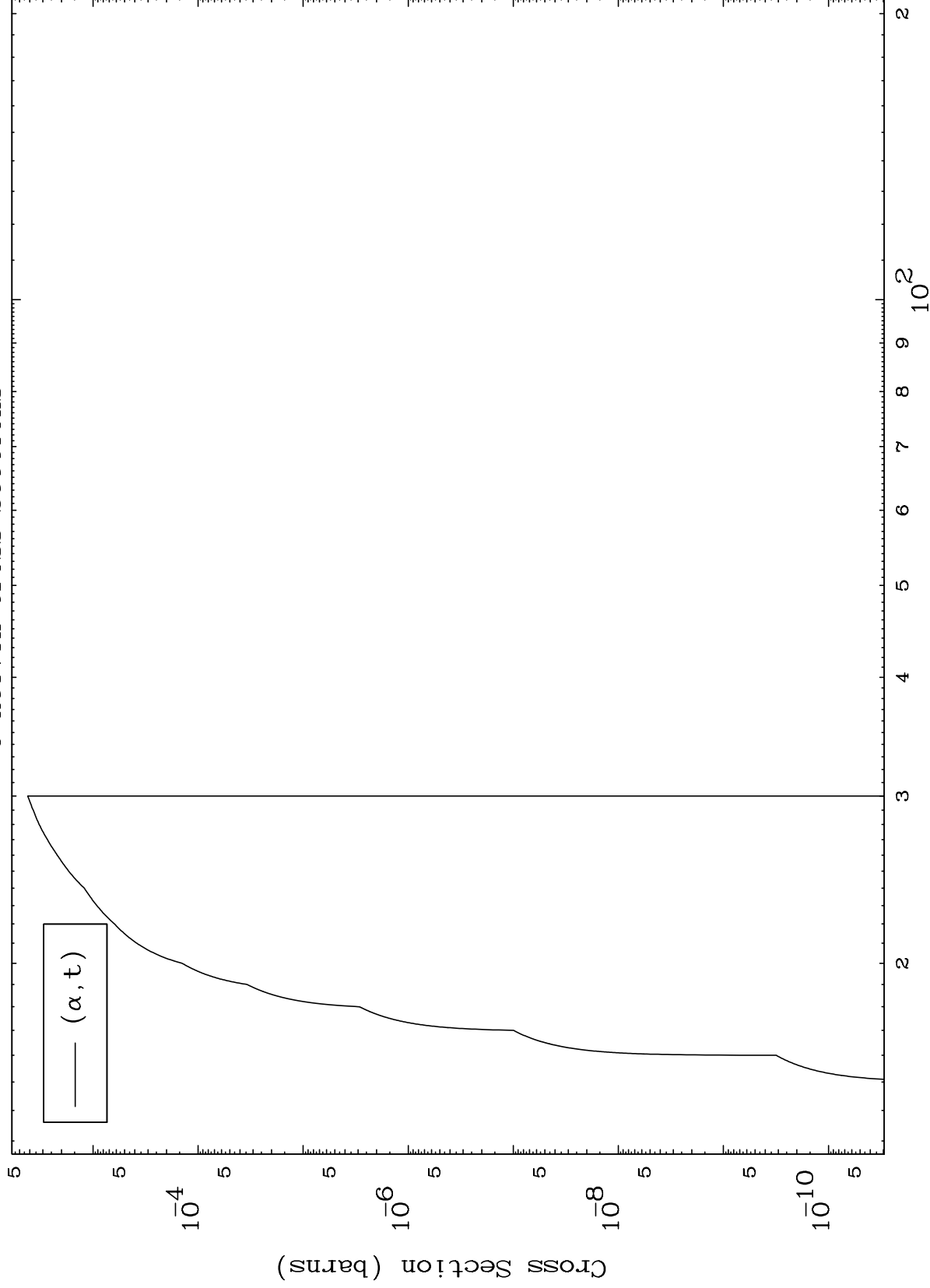
34-Se-79

MAT 3441

(α ,t) Levels

34-Se-79

0 Kelvin Cross Sections

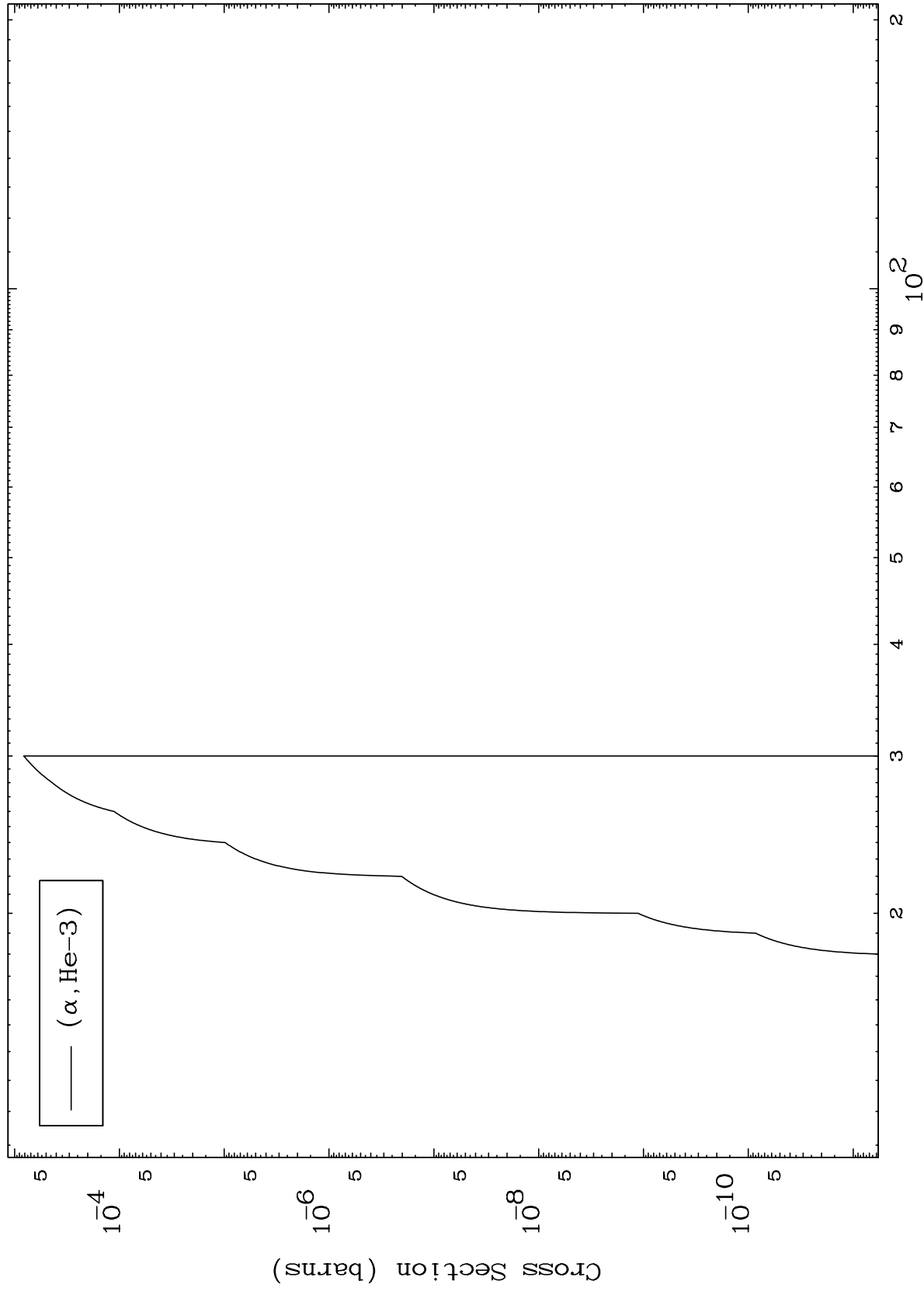


8

Incident Energy (MeV)

34-Se-79

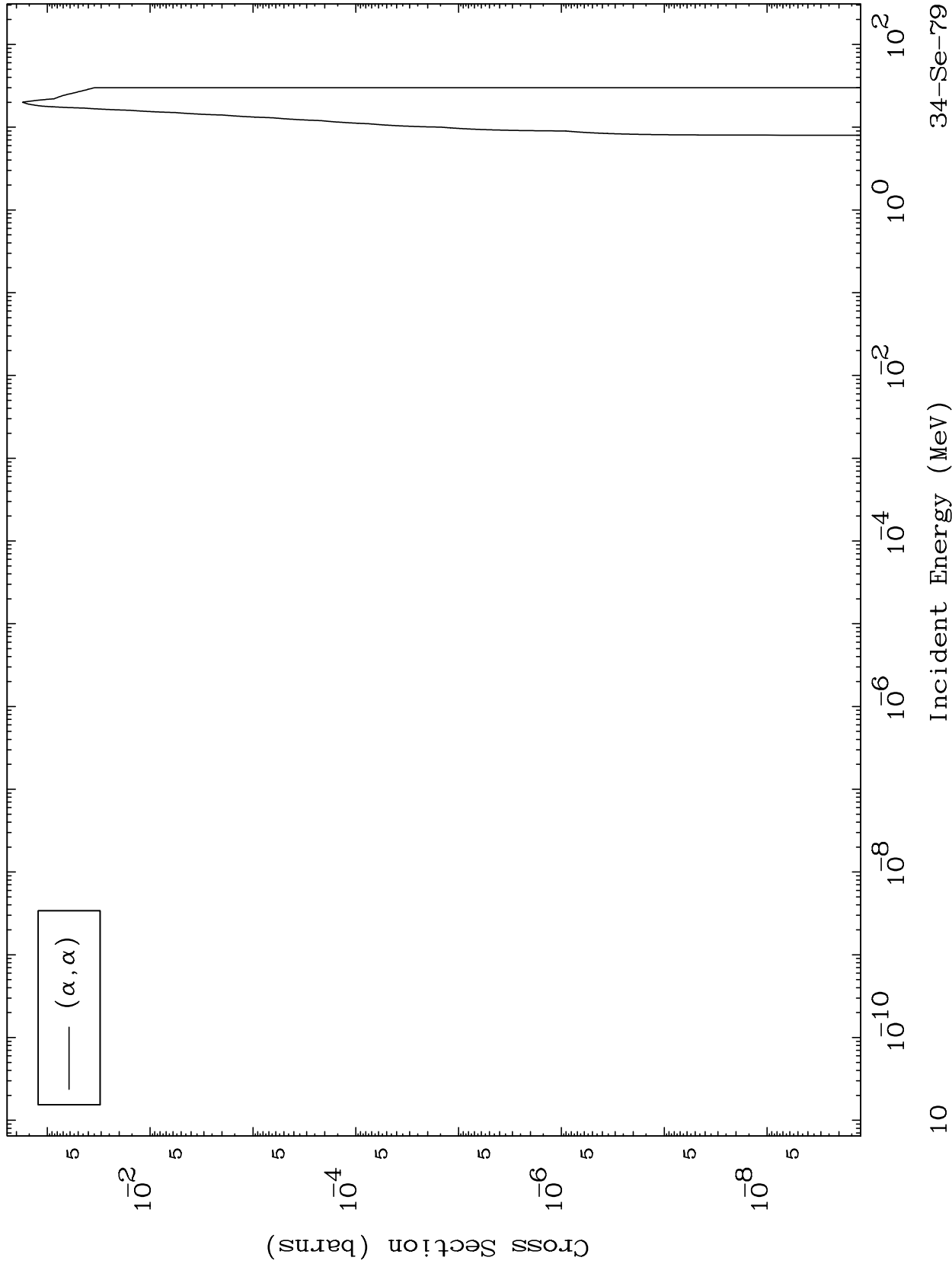
(α ,He3) Levels
0 Kelvin Cross Sections



MAT 3441

(α, α) Levels
0 Kelvin Cross Sections

34-Se-79

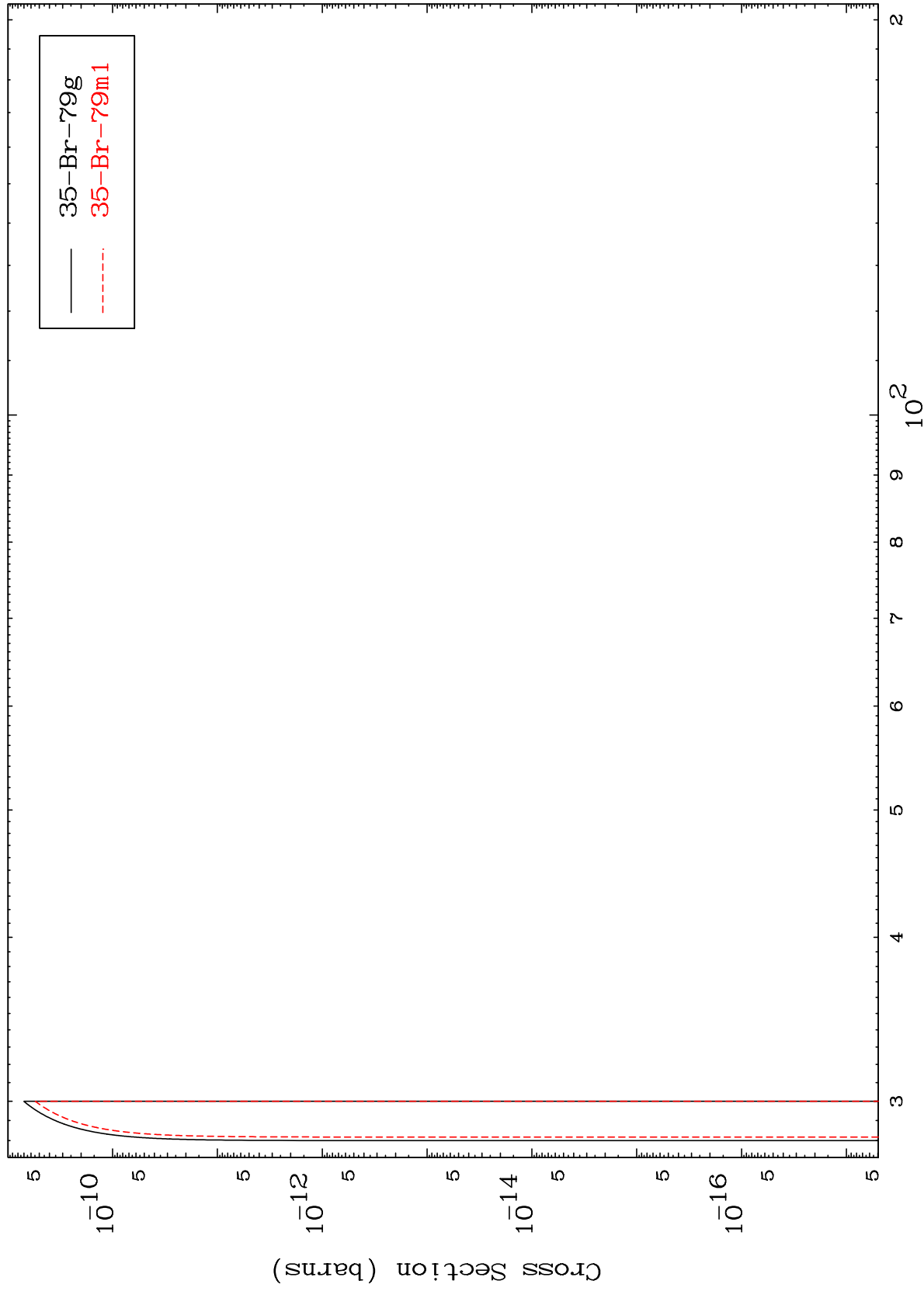


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$(\alpha, 2n)$ d

34-Se-79

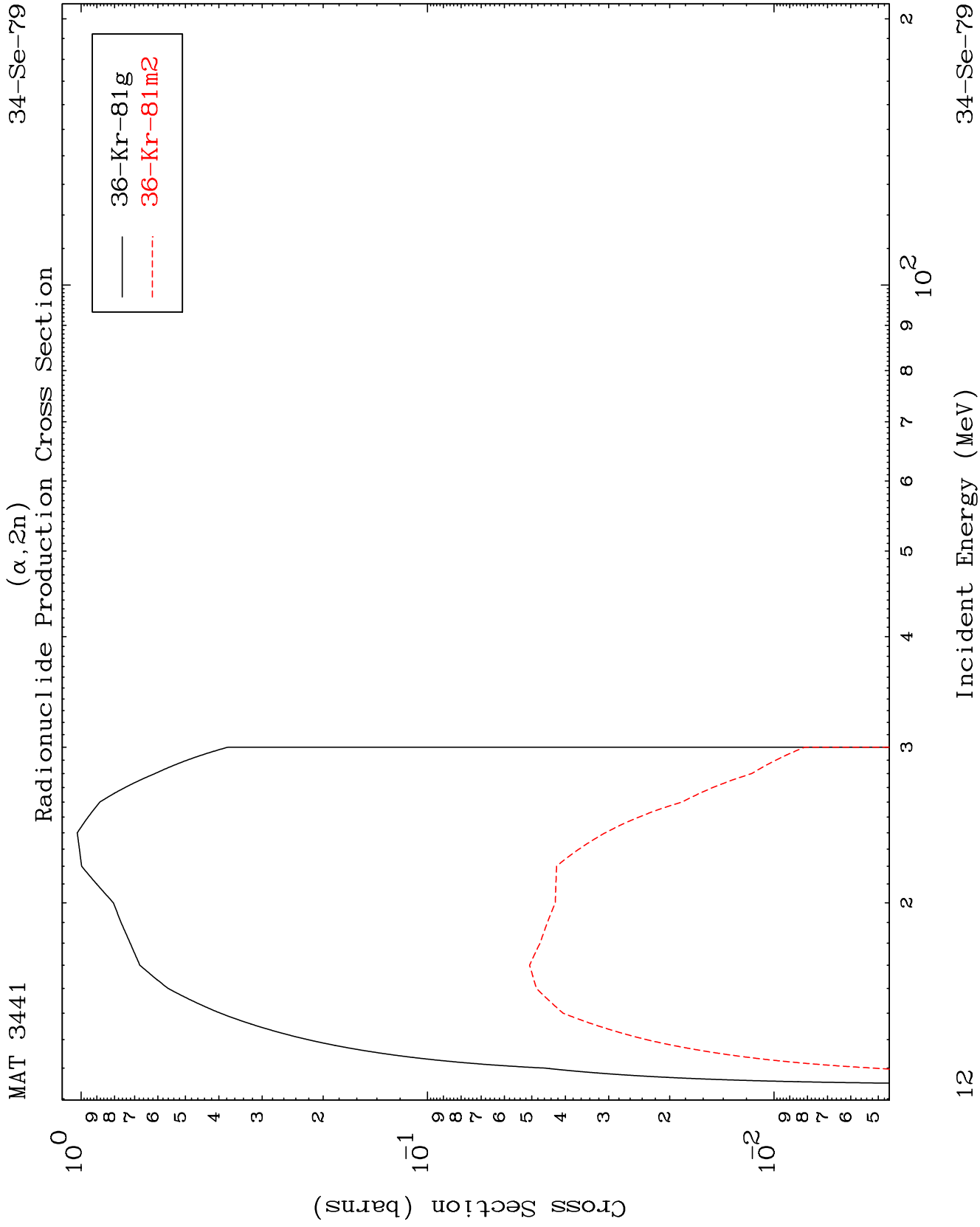
Radionuclide Production Cross Section



11

Incident Energy (MeV)

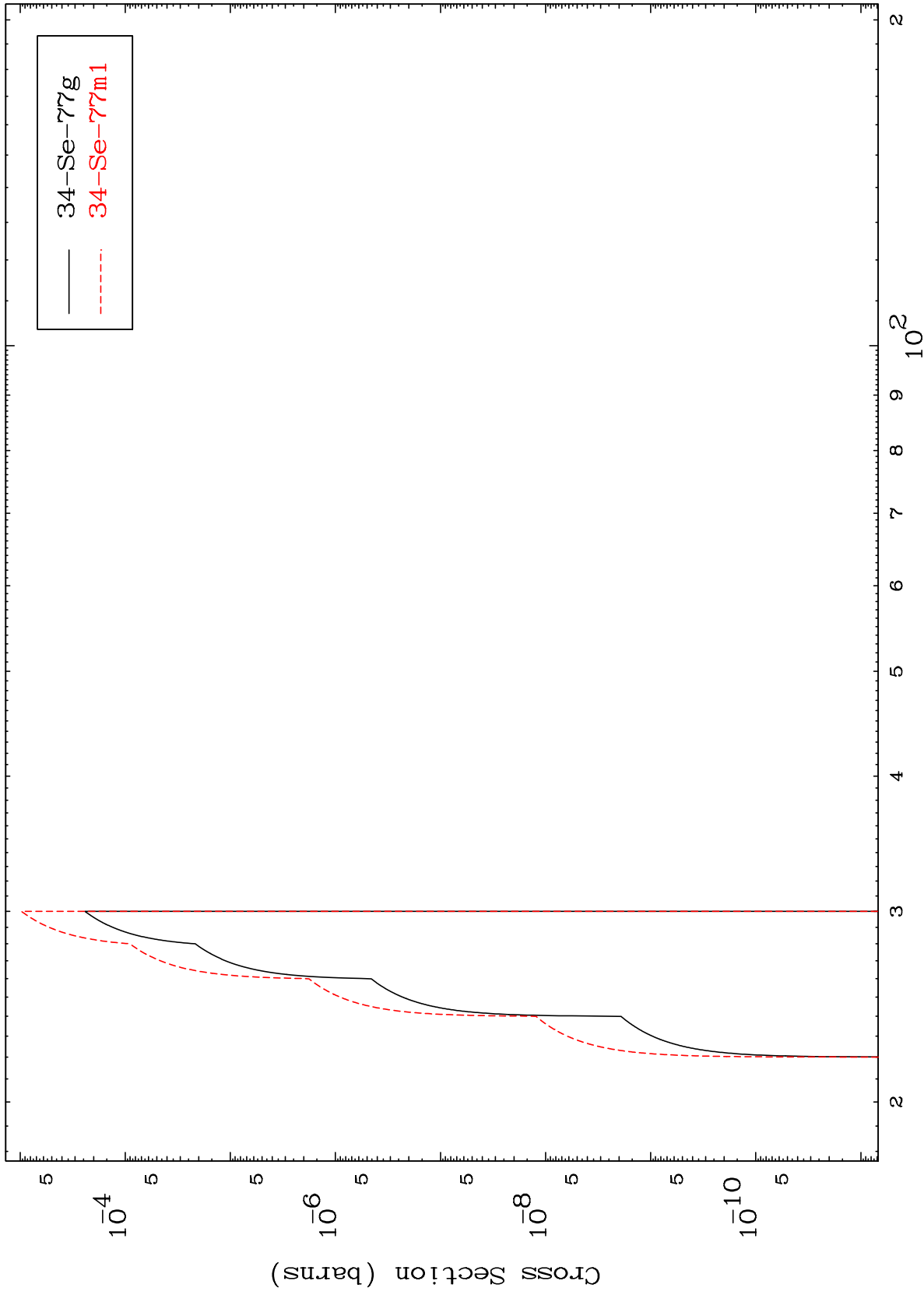
34-Se-79



MAT 3441

34-Se-79

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



13

Incident Energy (MeV)

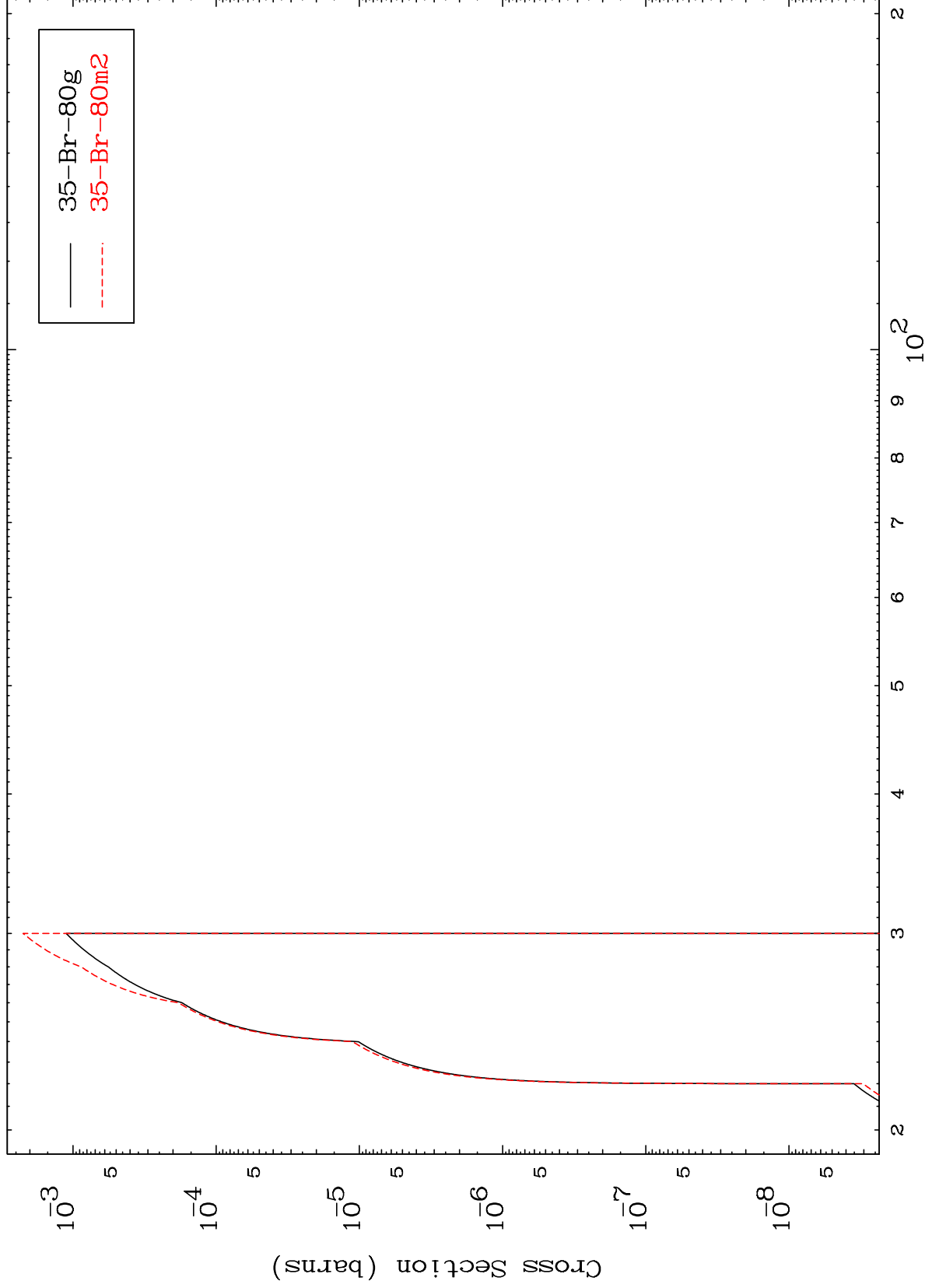
34-Se-79

MAT 3441

(α, n') d

34-Se-79

Radionuclide Production Cross Section



14

Incident Energy (MeV)

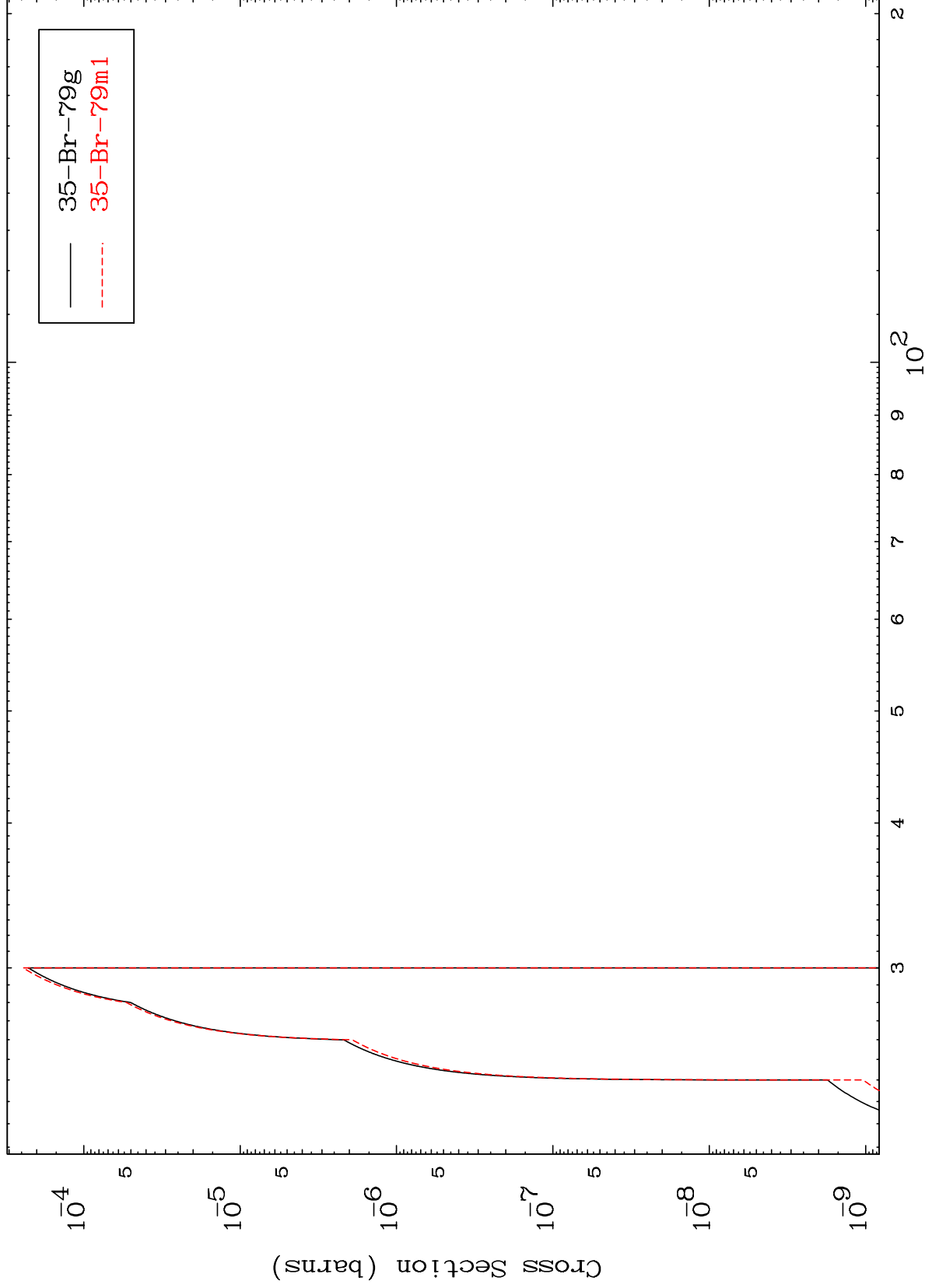
34-Se-79

MAT 3441

(α, n') t

34-Se-79

Radionuclide Production Cross Section



15

Incident Energy (MeV)

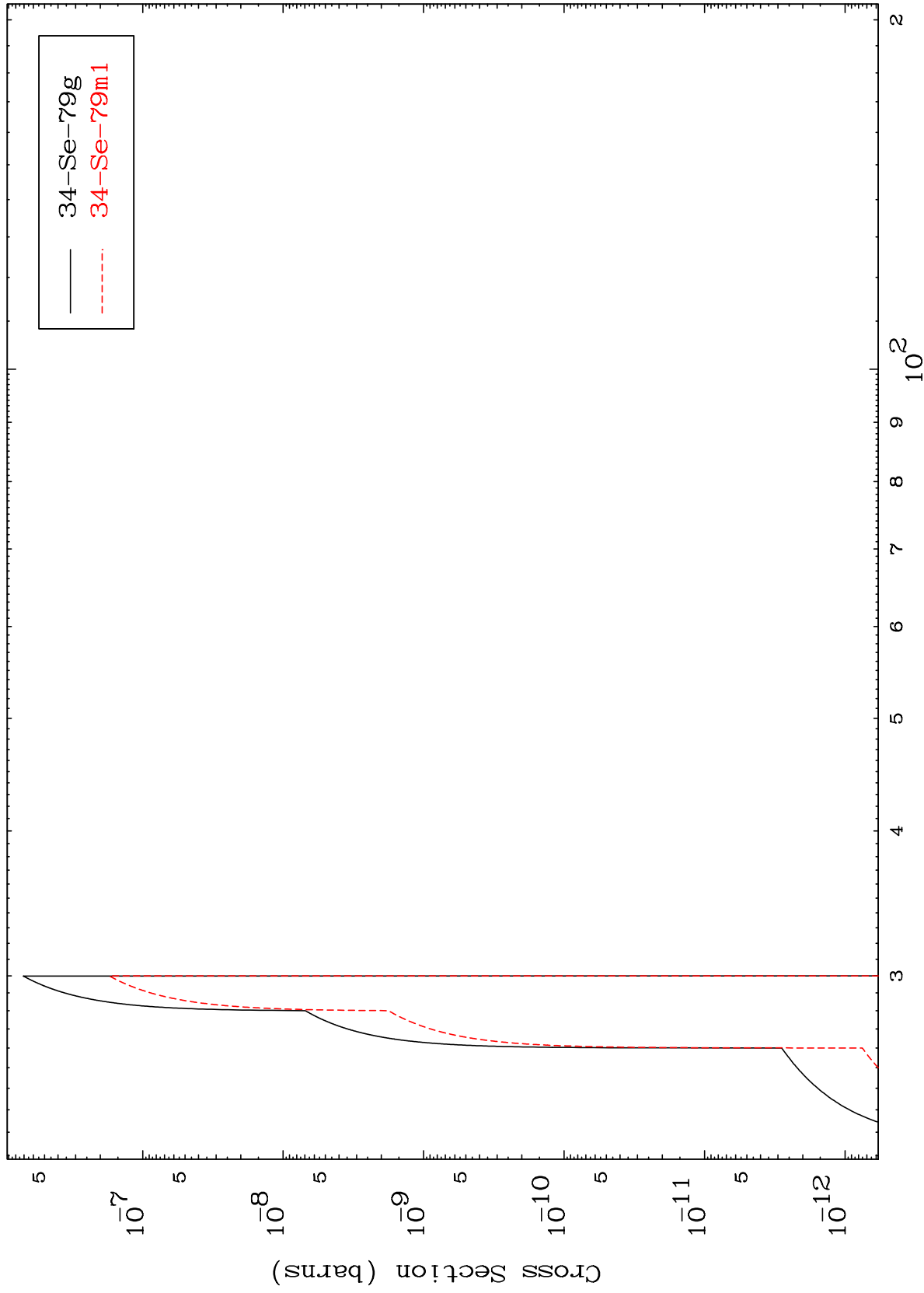
34-Se-79

MAT 3441

(α, n') He-3

³⁴Se-79

Radionuclide Production Cross Section



16

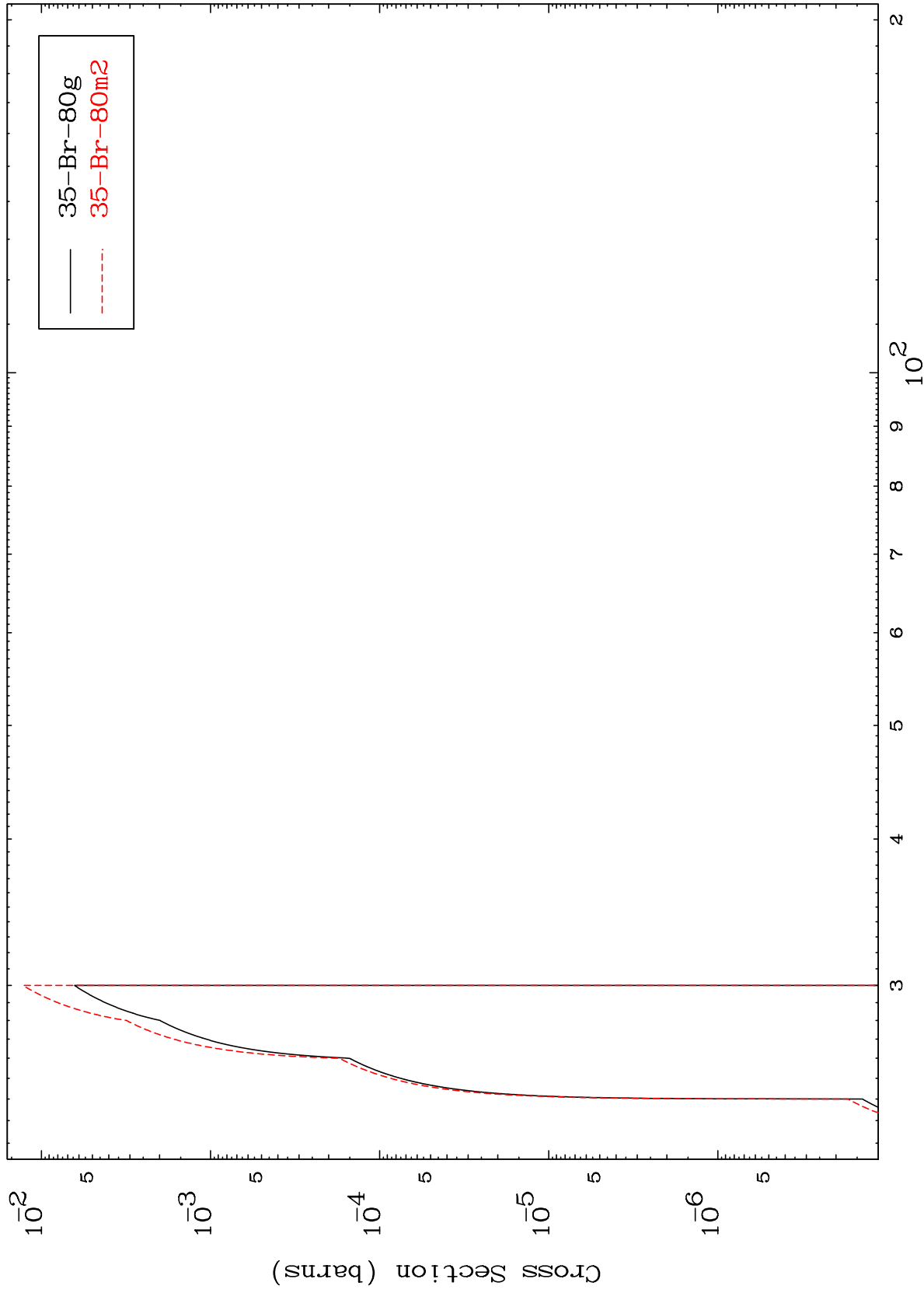
Incident Energy (MeV)

³⁴Se-79

MAT 3441

34-Se-79

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



17

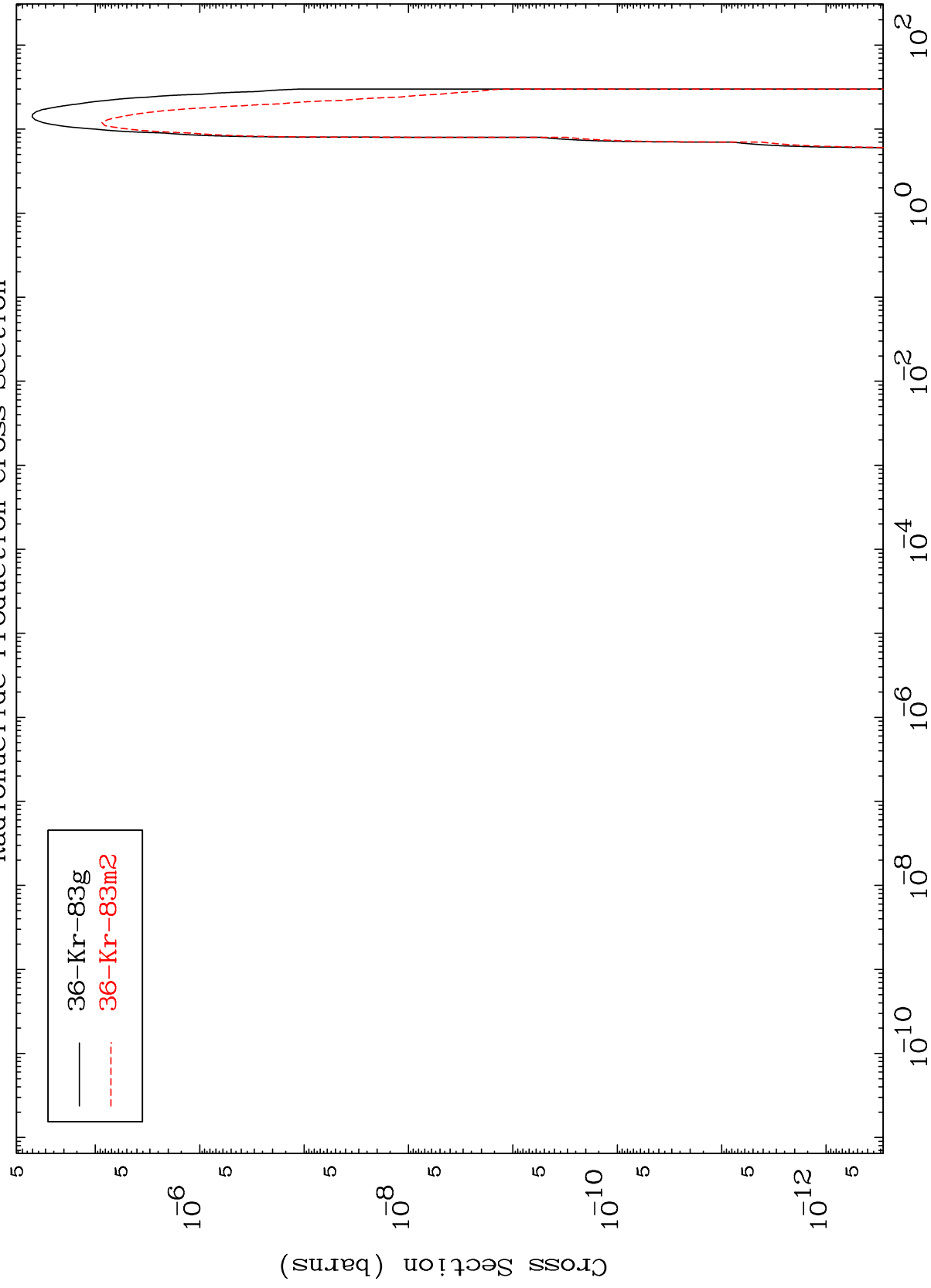
Incident Energy (MeV)

34-Se-79

MAT 3441

Radionuclide Production Cross Section
(α, γ)

³⁴Se-79



18

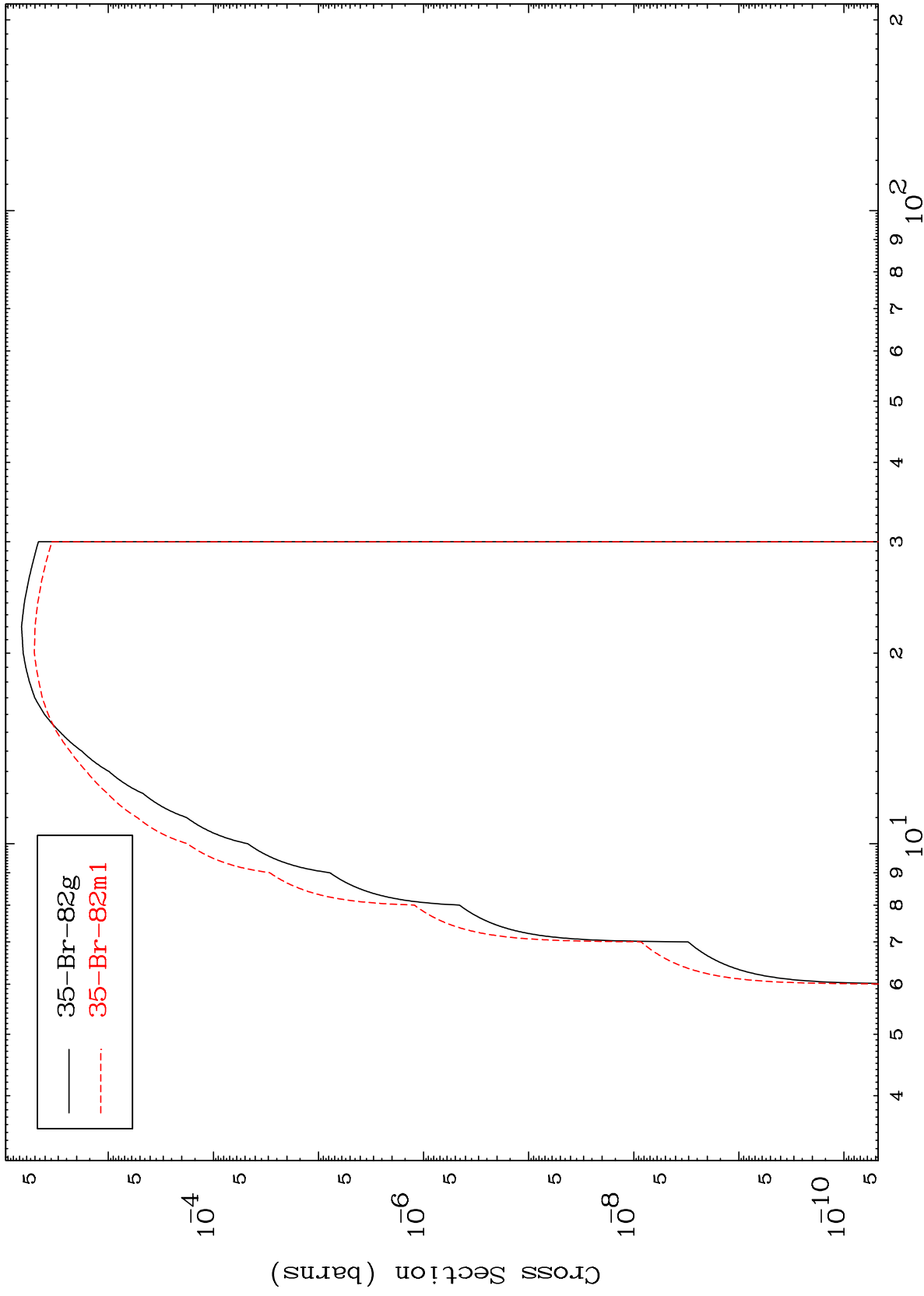
Incident Energy (MeV)

³⁴Se-79

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³⁴Se-79

(α ,p)
Radionuclide Production Cross Section



19

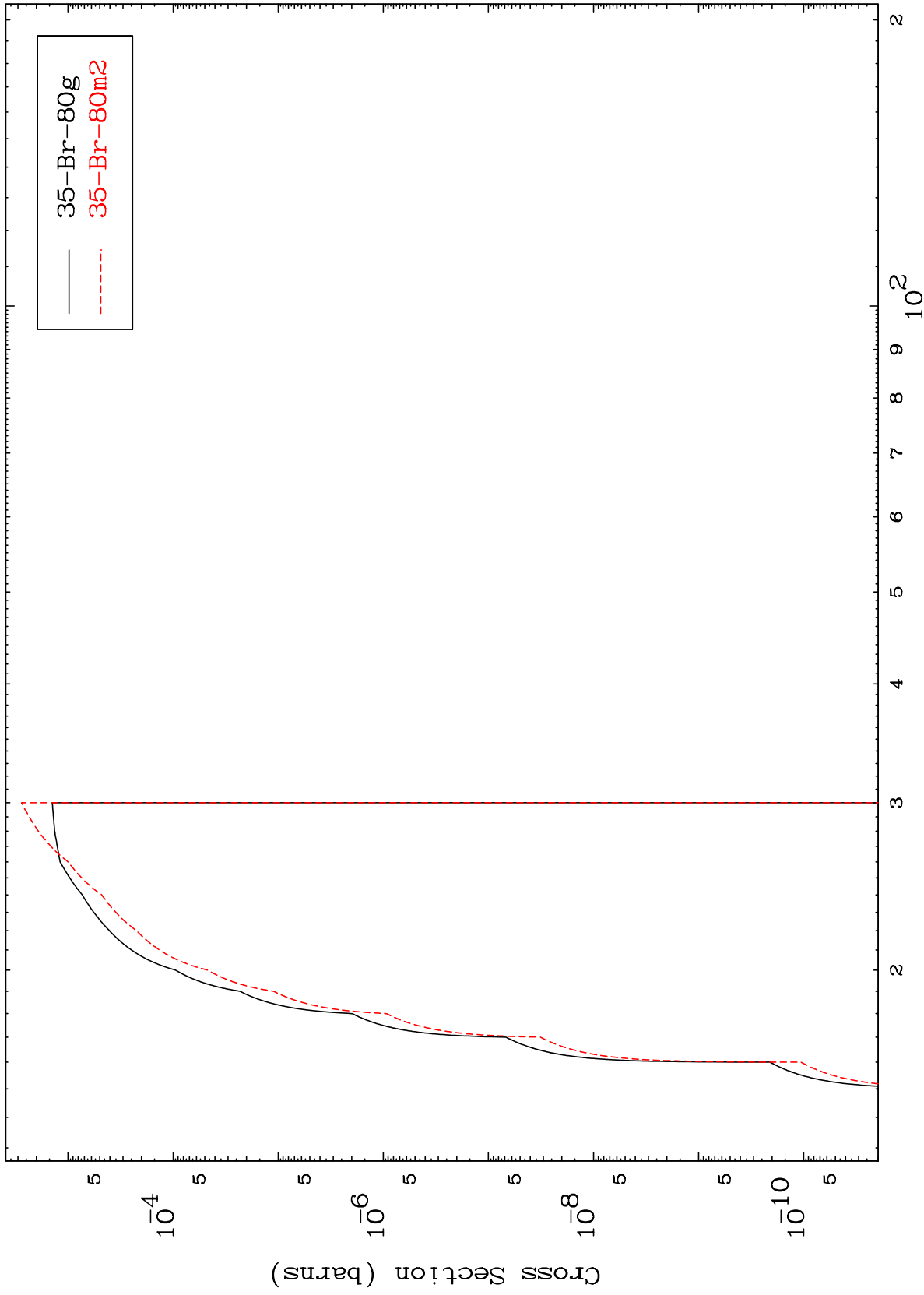
Incident Energy (MeV)

³⁴Se-79

MAT 3441

34-Se-79

(α, t)
Radionuclide Production Cross Section



20

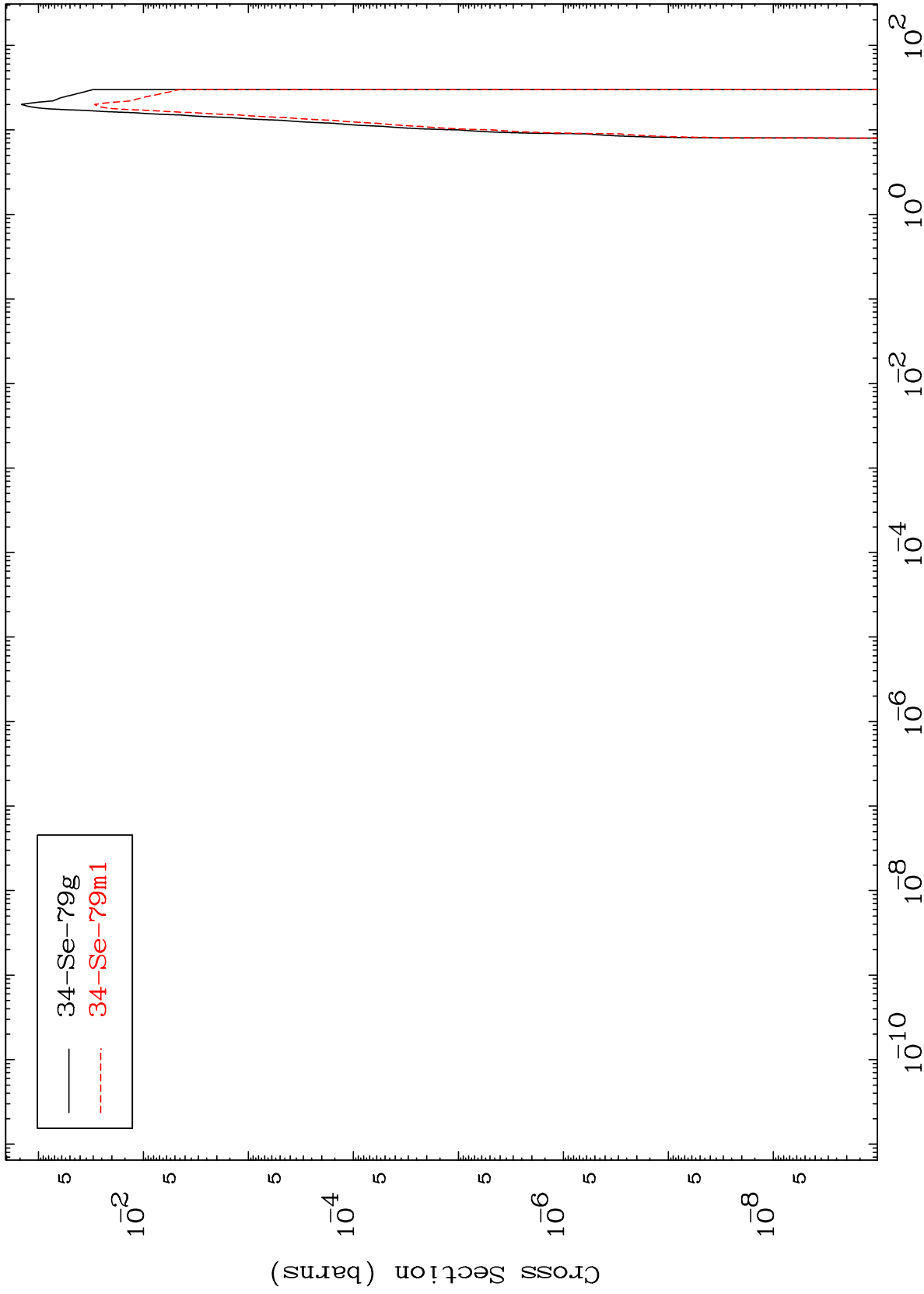
Incident Energy (MeV)

34-Se-79

MAT 3441

(α, α)
Radionuclide Production Cross Section

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



21

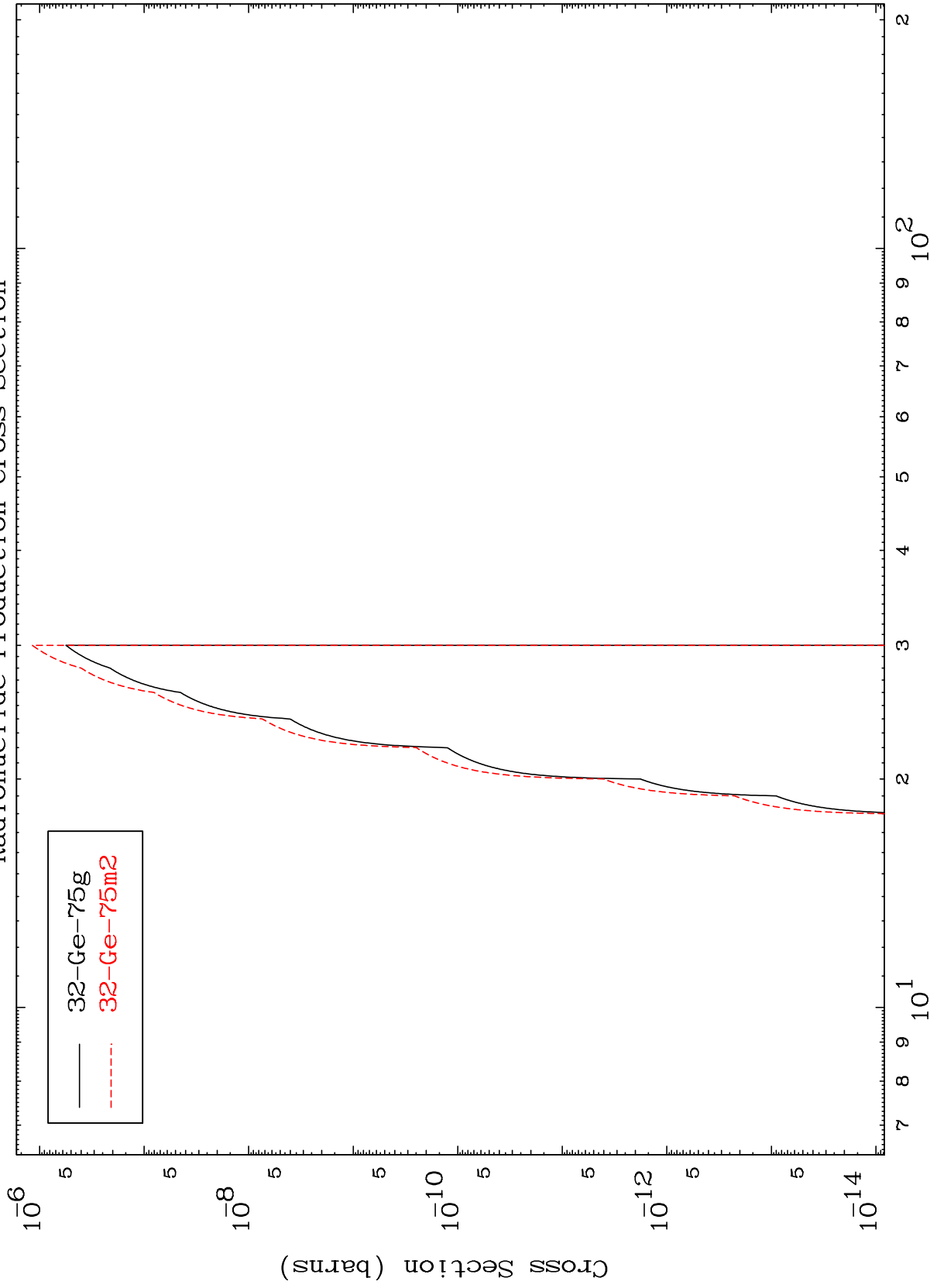
Incident Energy (MeV)

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

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34-^{Se}-79

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



22

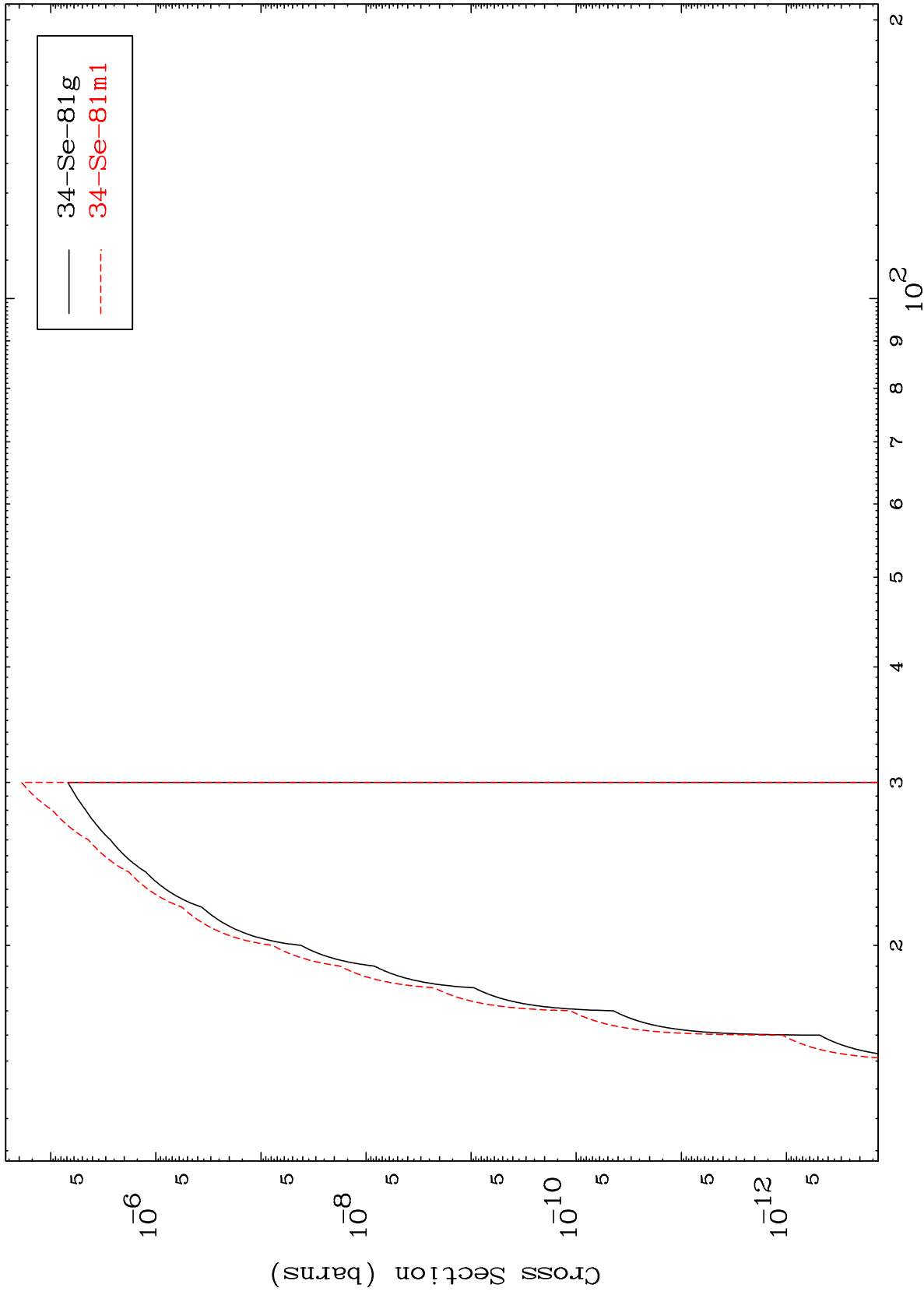
Incident Energy (MeV)

34-^{Se}-79

MAT 3441

³⁴Se-79

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



23

Incident Energy (MeV)

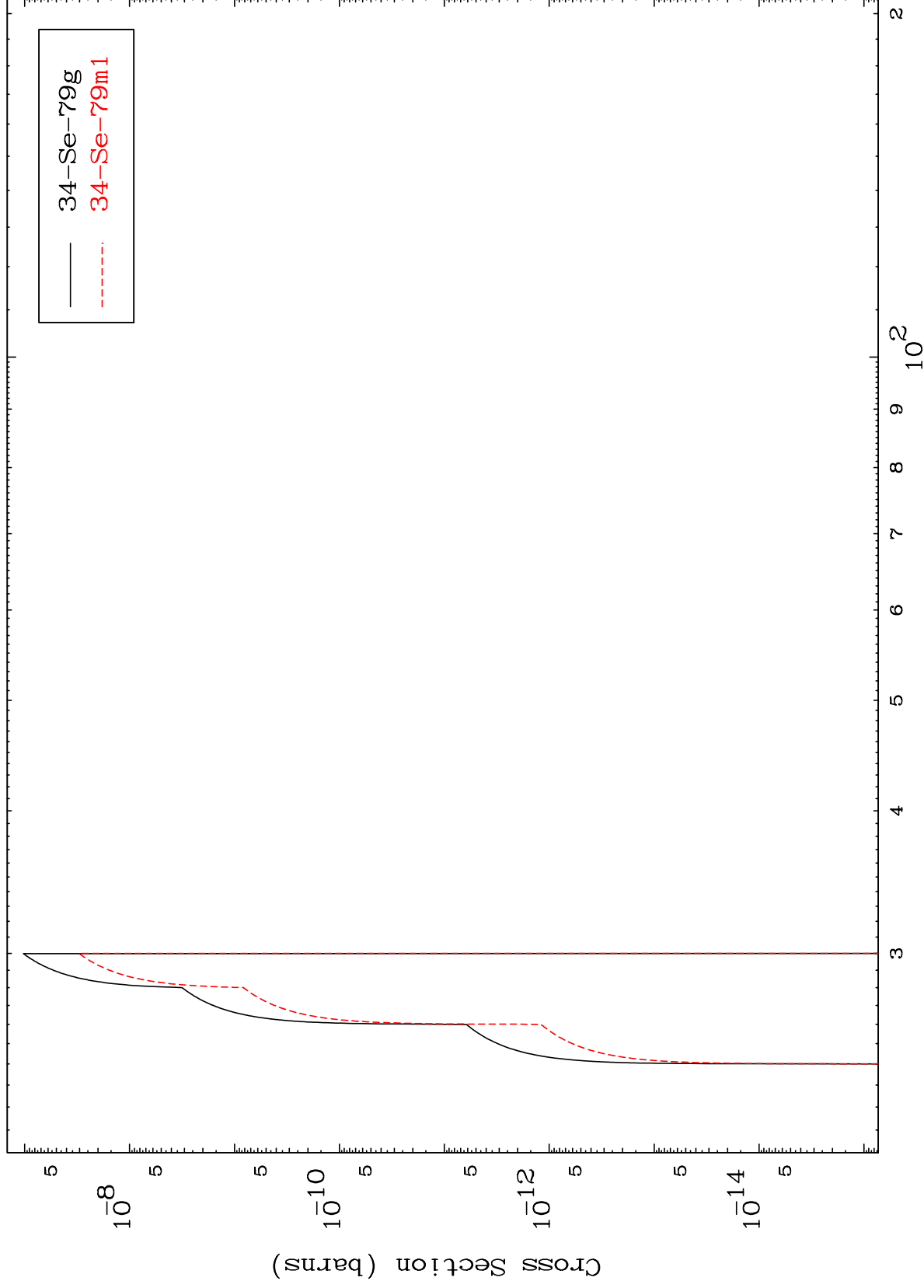
³⁴Se-79

MAT 3441

(α, p) t

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

Radionuclide Production Cross Section



24

Incident Energy (MeV)

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