

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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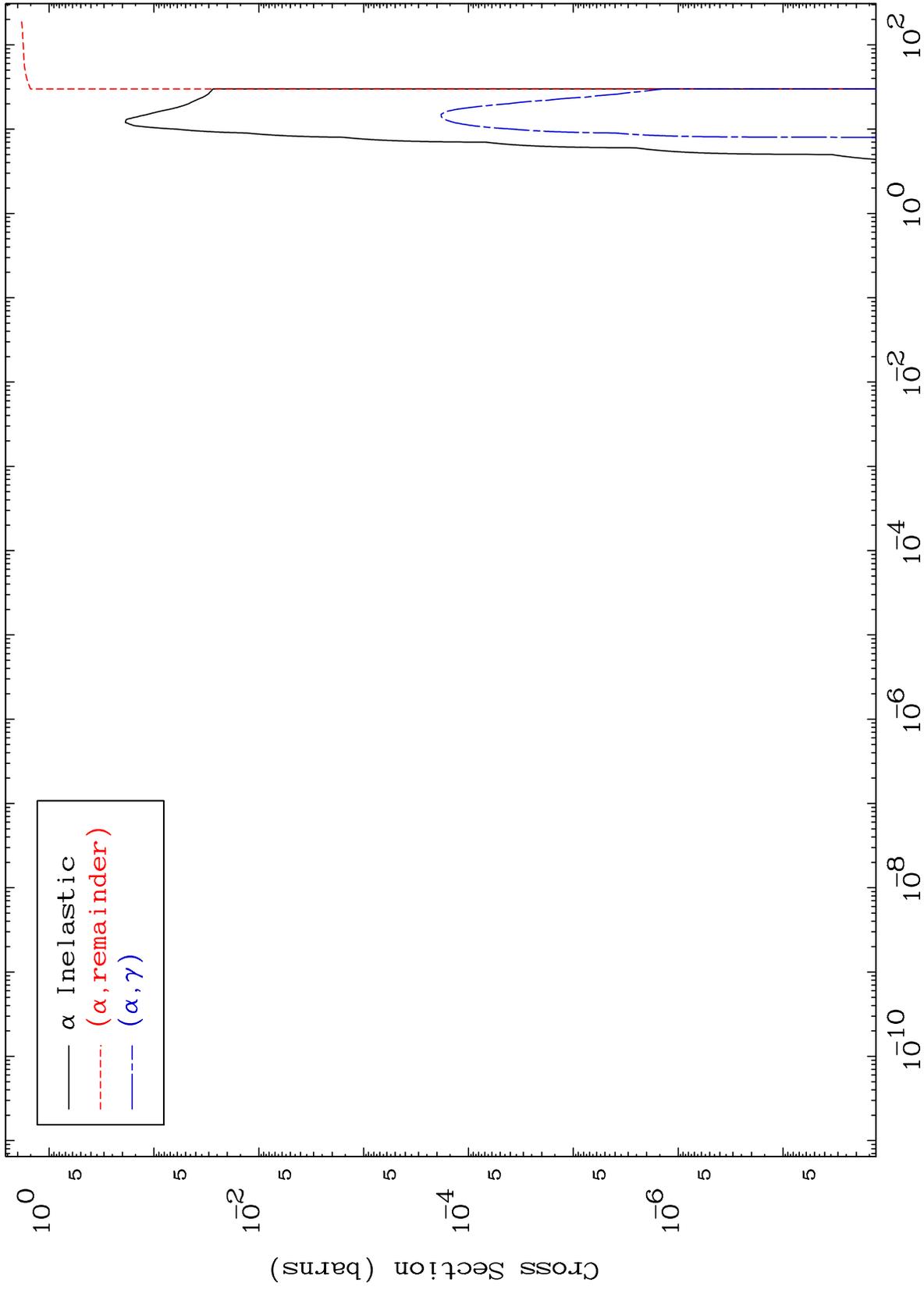
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3447

0 Kelvin α Major
Cross Sections

34-Se-81



1

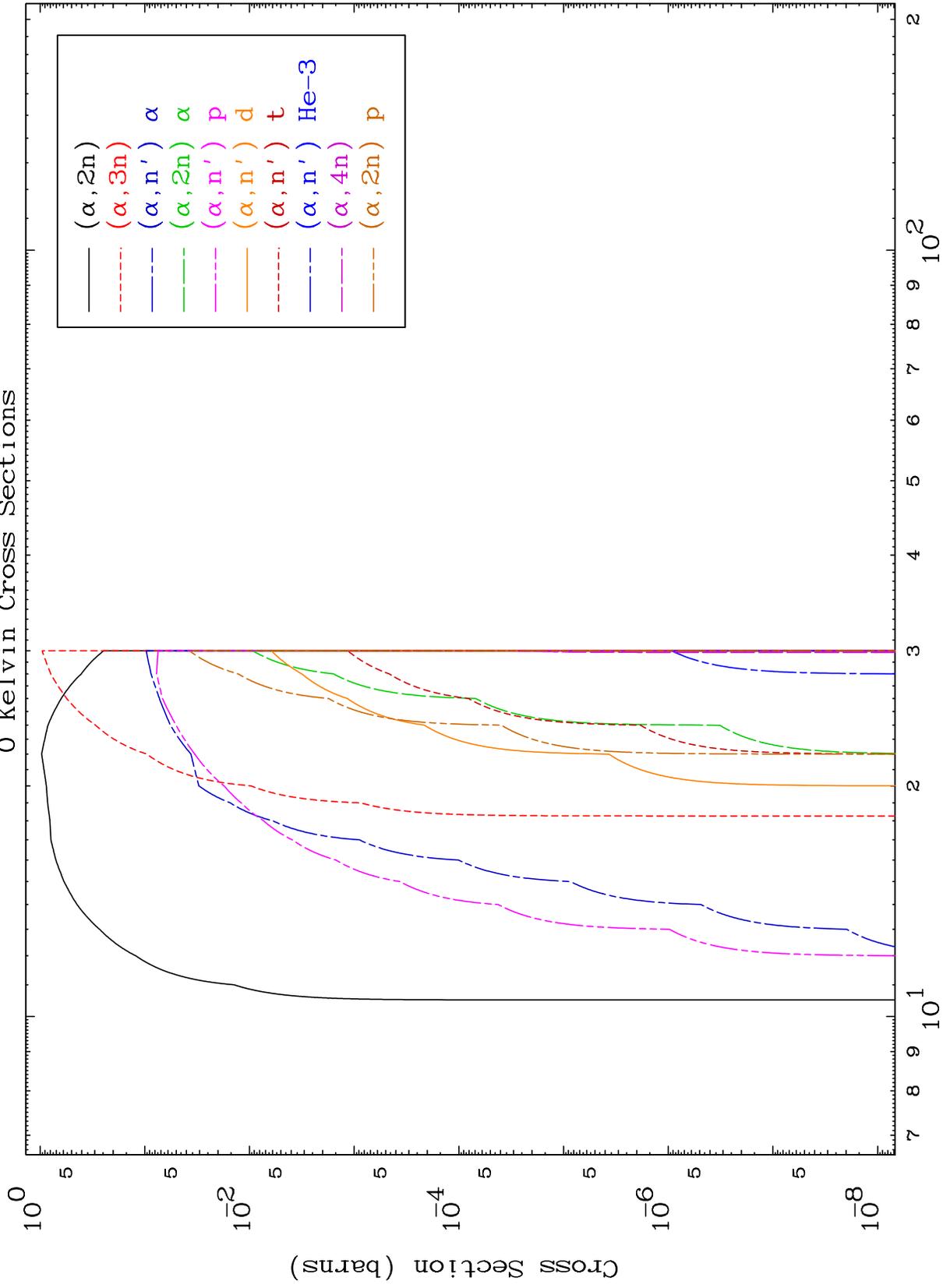
Incident Energy (MeV)

34-Se-81

MAT 3447

α Neutron Production
0 Kelvin Cross Sections

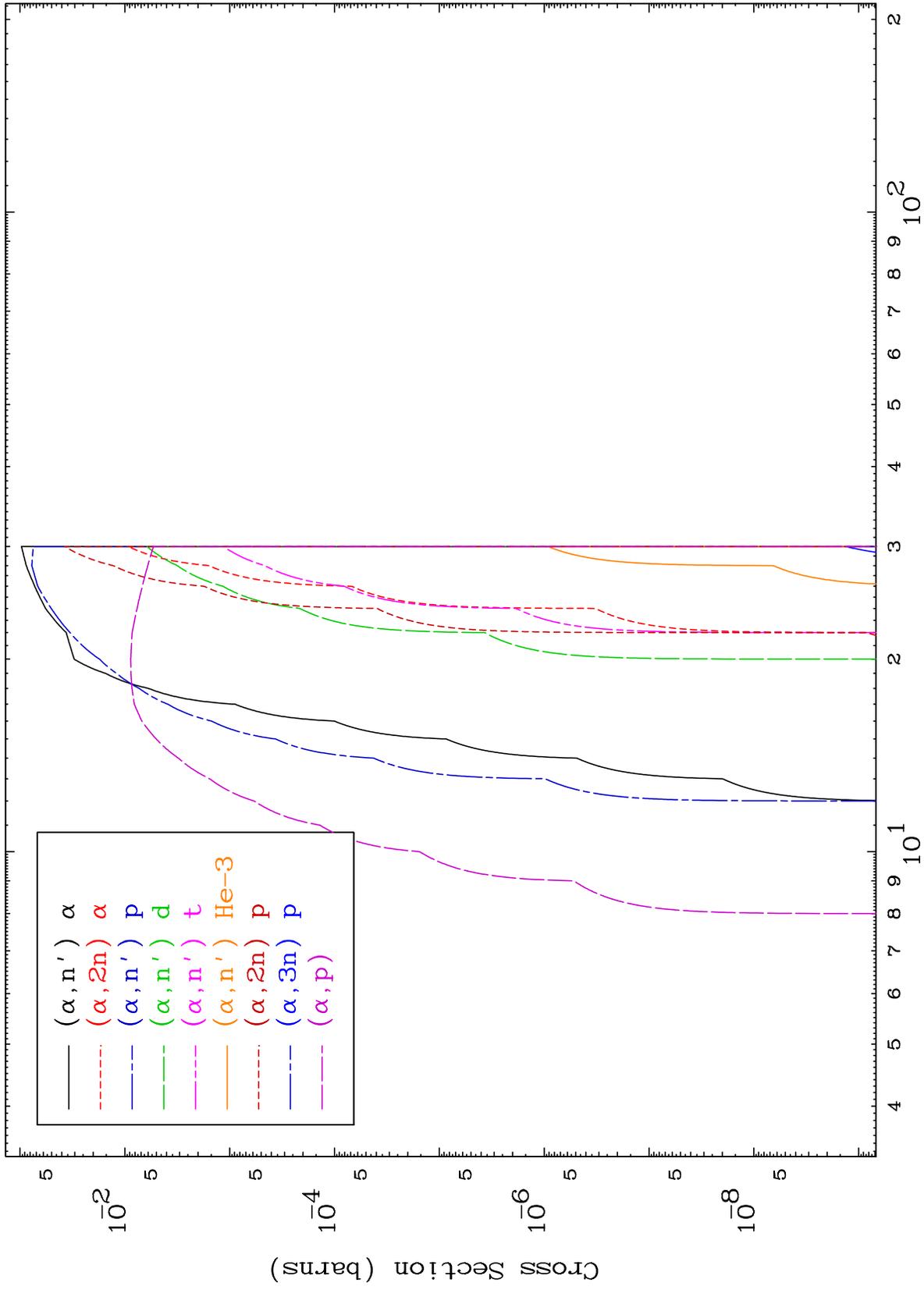
34-Se-81



2

Incident Energy (MeV)

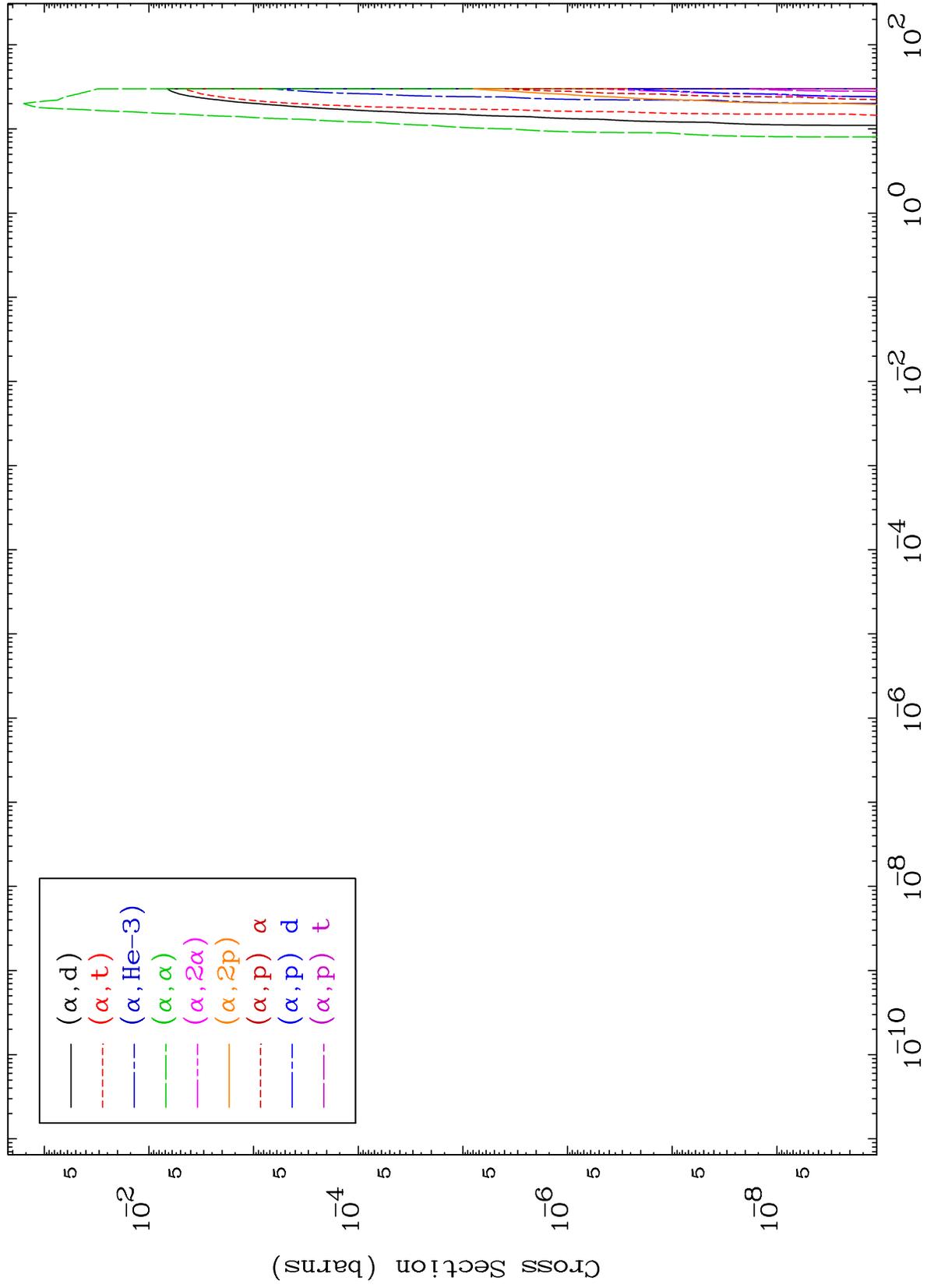
34-Se-81



MAT 3447

α Charged Particle
0 Kelvin Cross Sections

34-Se-81

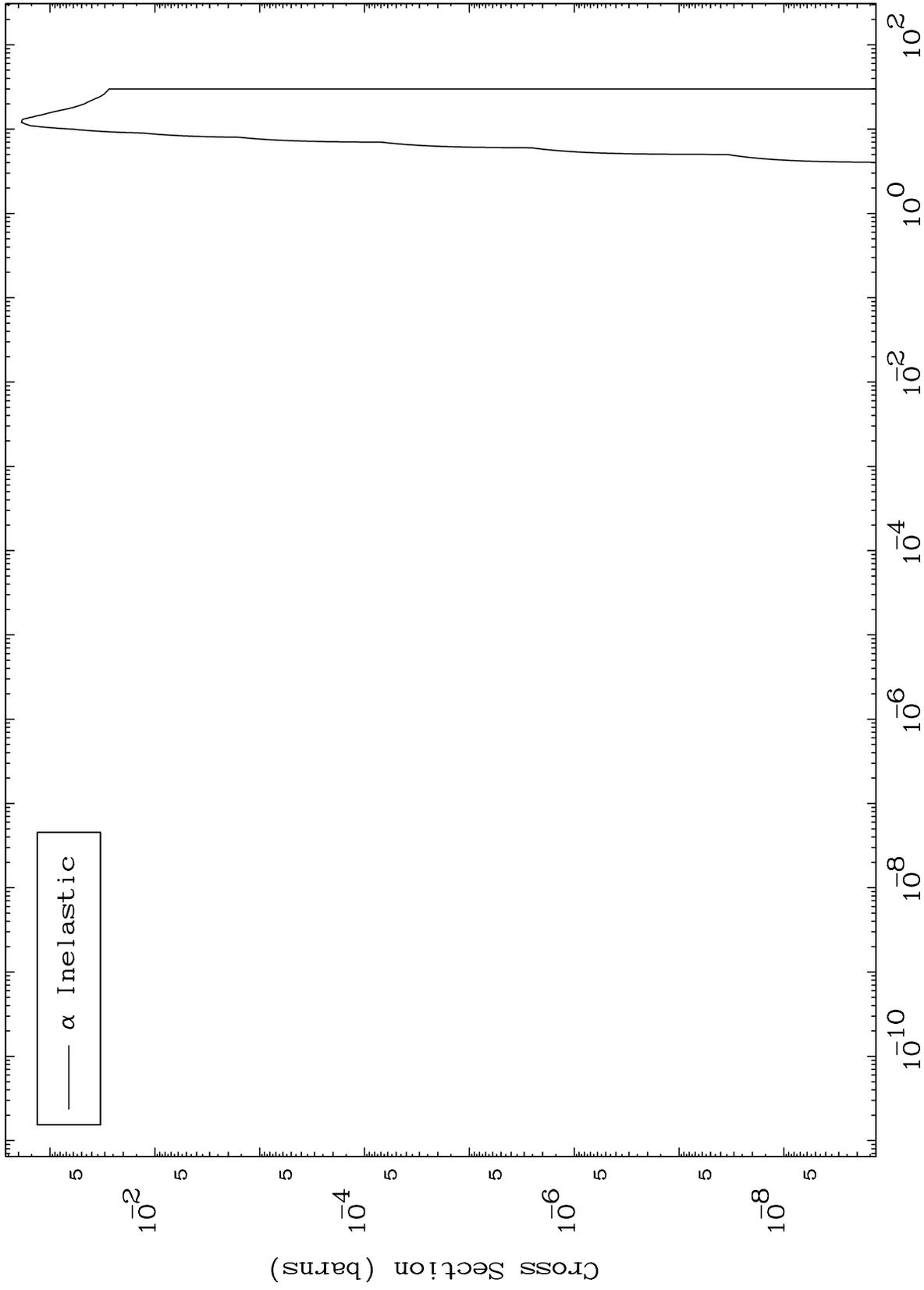


34-Se-81

MAT 3447

(α, n') Level
0 Kelvin Cross Sections

34-Se-81



5

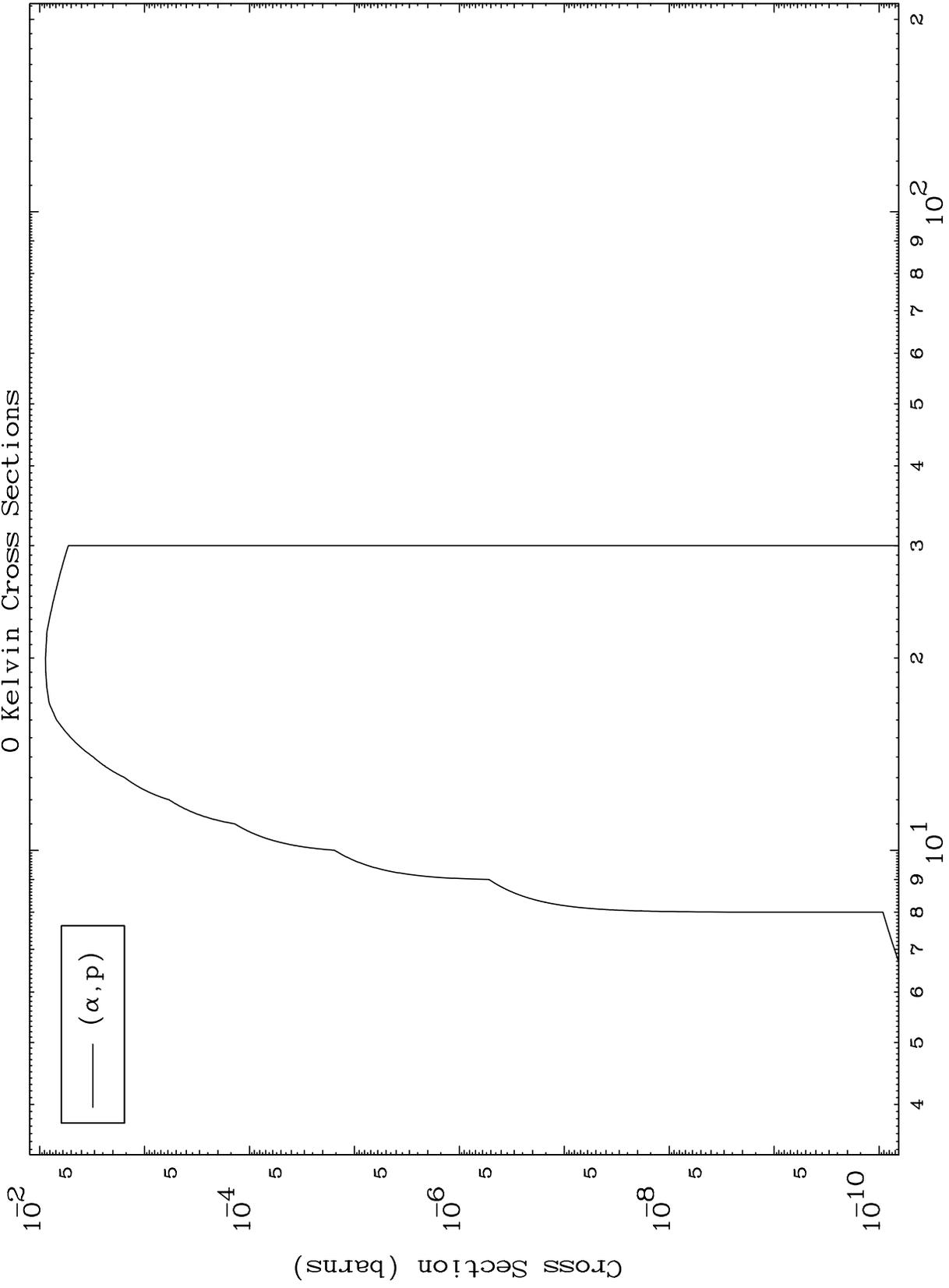
Incident Energy (MeV)

34-Se-81

MAT 3447

34-Se-81

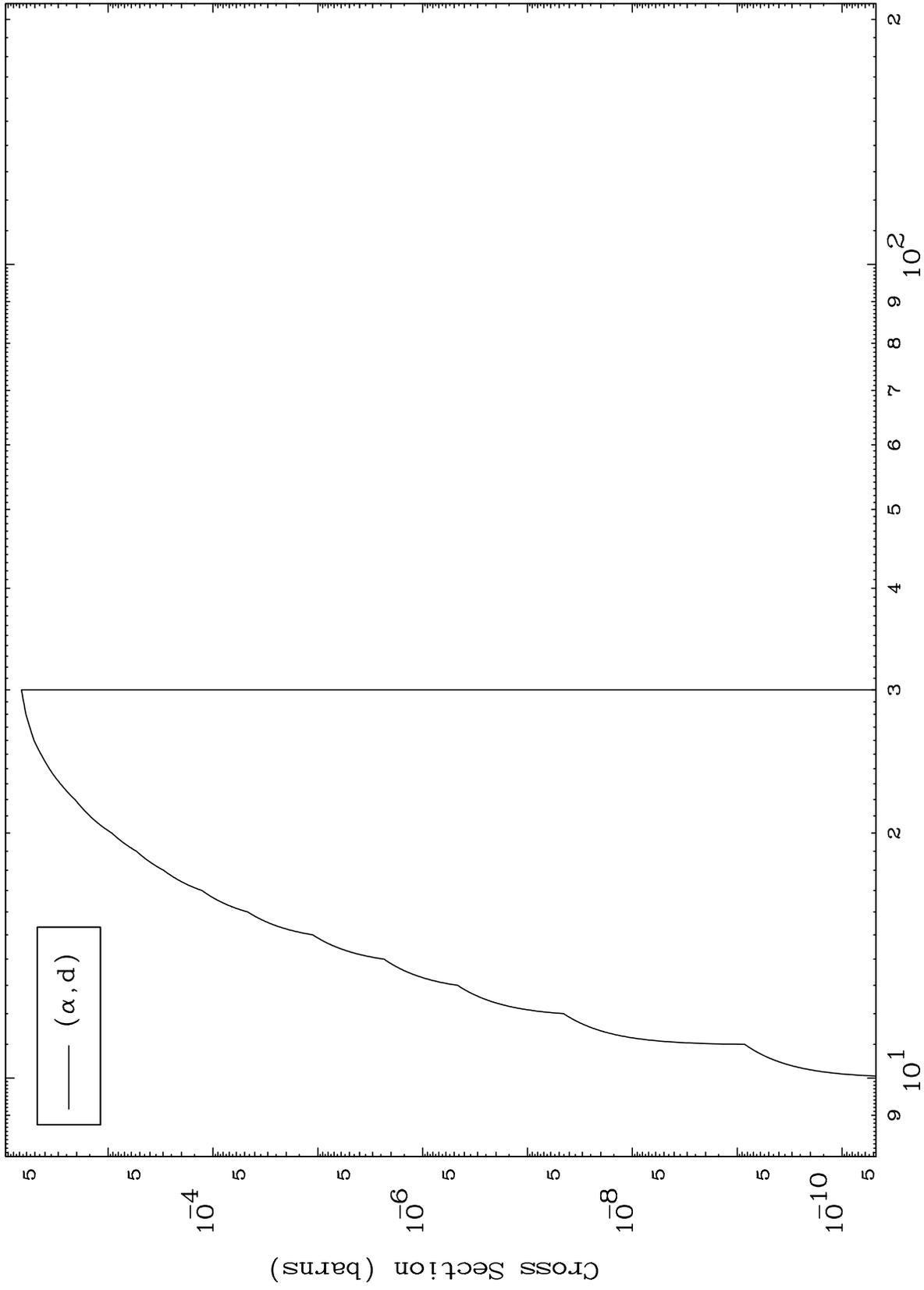
(α, p) Levels
0 Kelvin Cross Sections



MAT 3447

(α, d) Levels
0 Kelvin Cross Sections

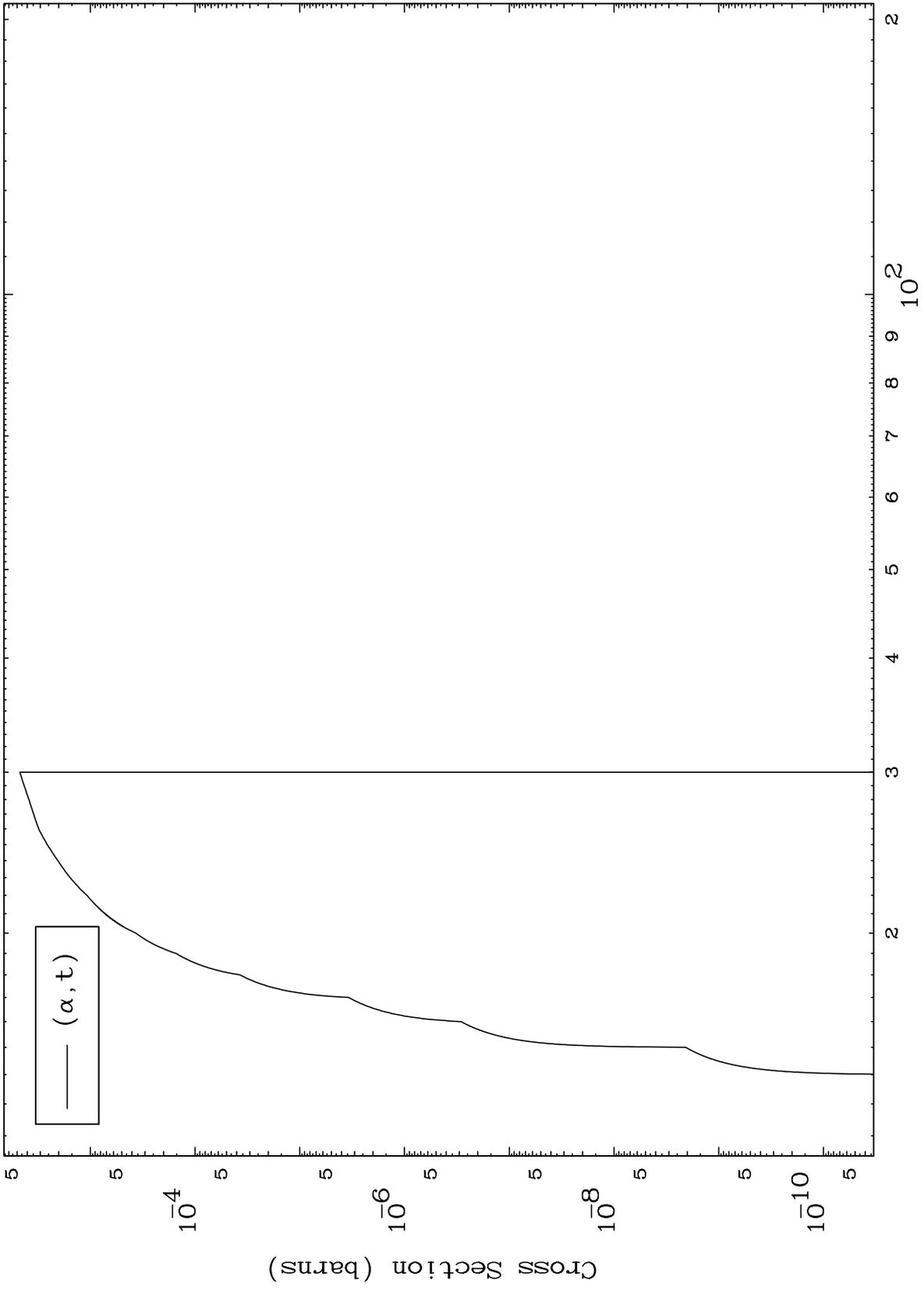
34-Se-81

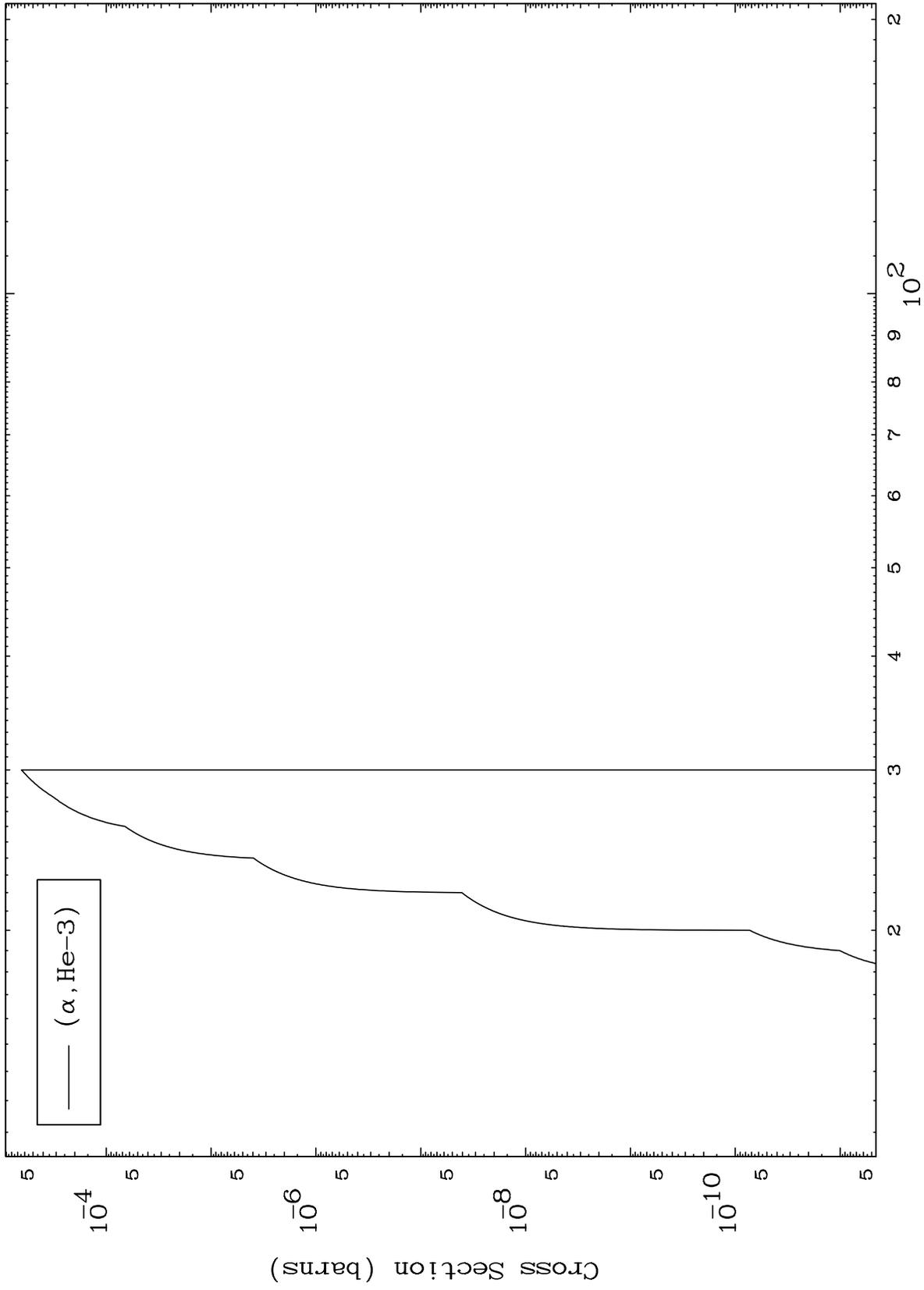


7

Incident Energy (MeV)

34-Se-81

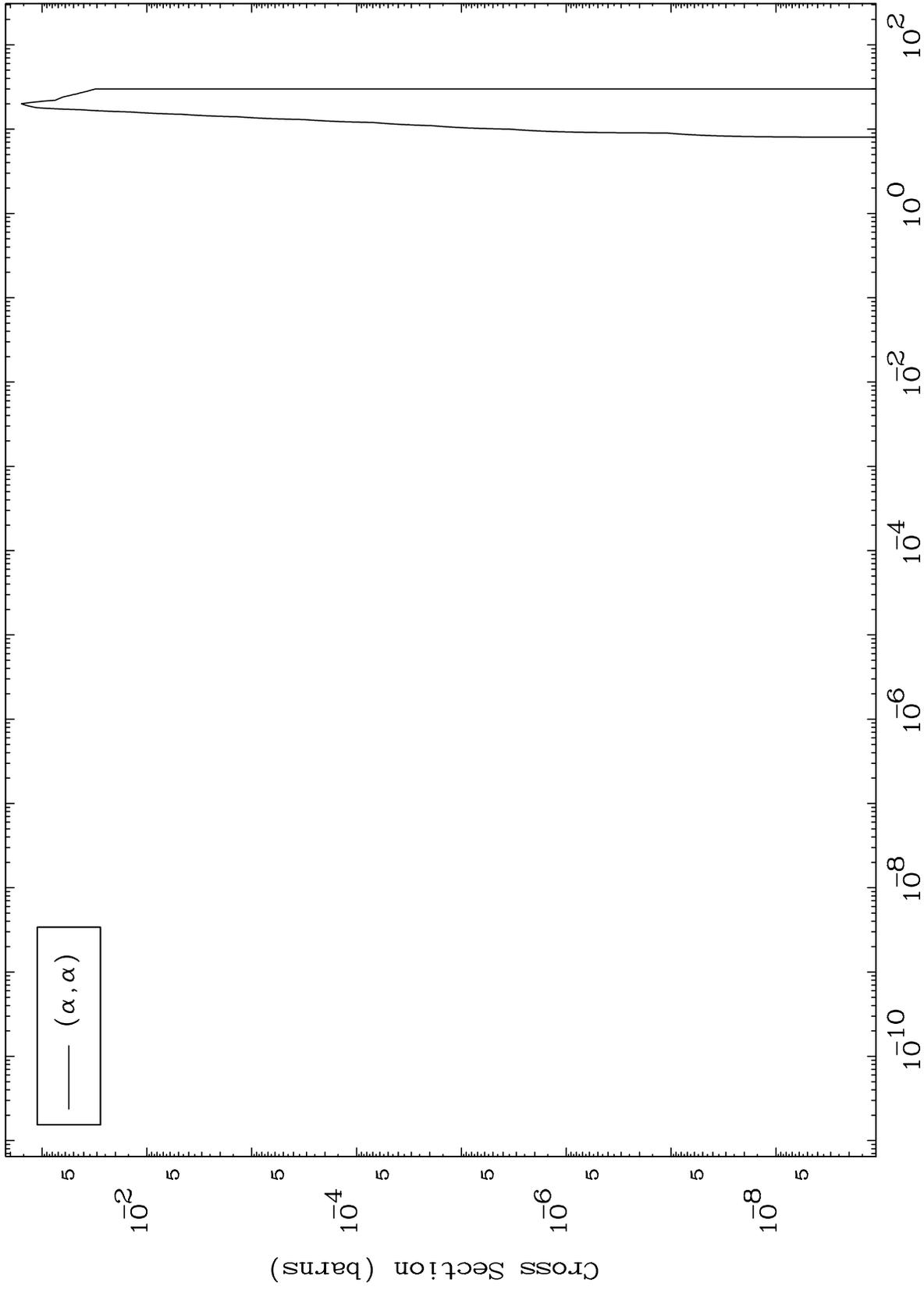




MAT 3447

(α, α) Levels
0 Kelvin Cross Sections

34-Se-81



10

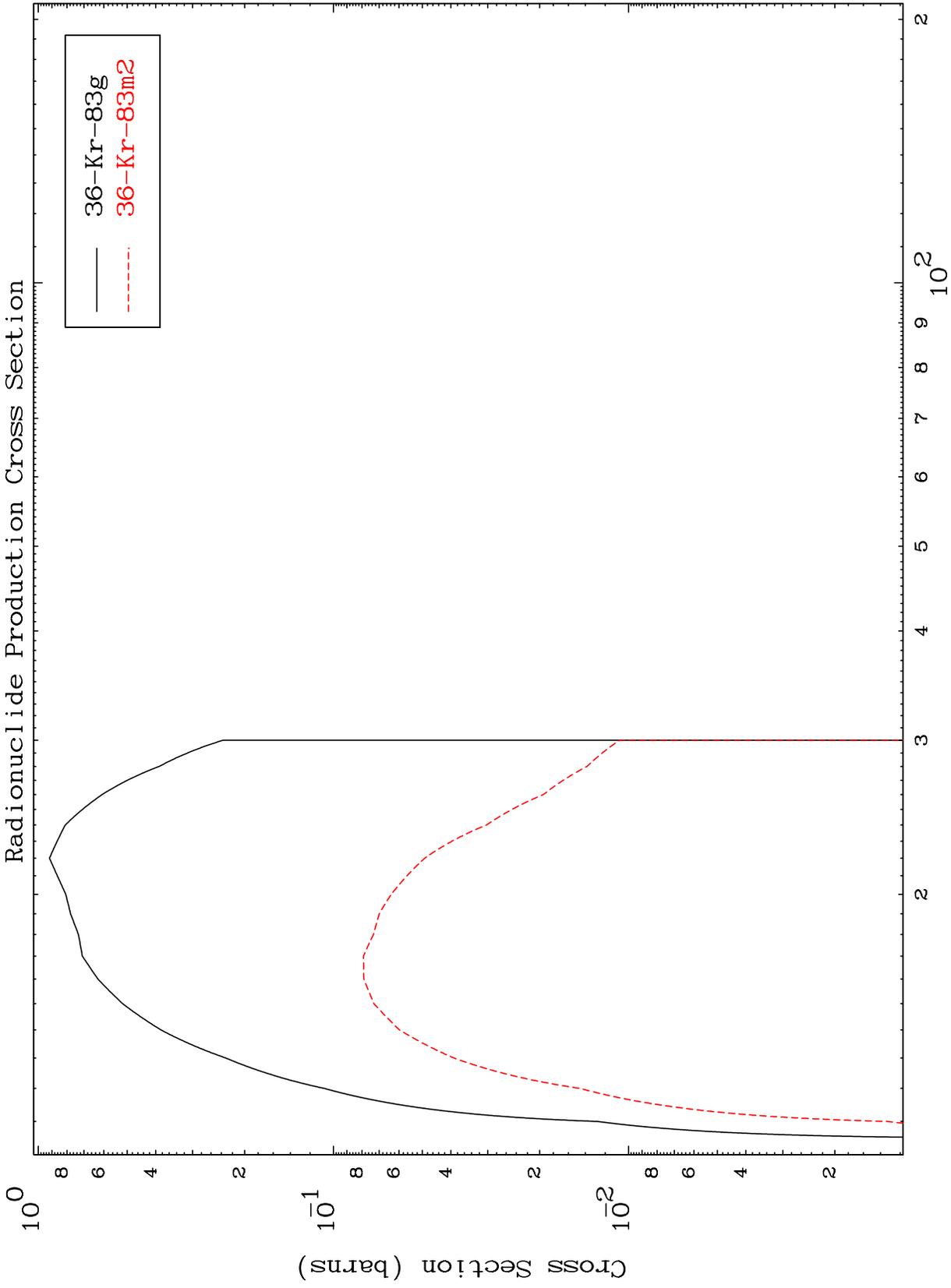
Incident Energy (MeV)

34-Se-81

MAT 3447

34-Se-81

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



11

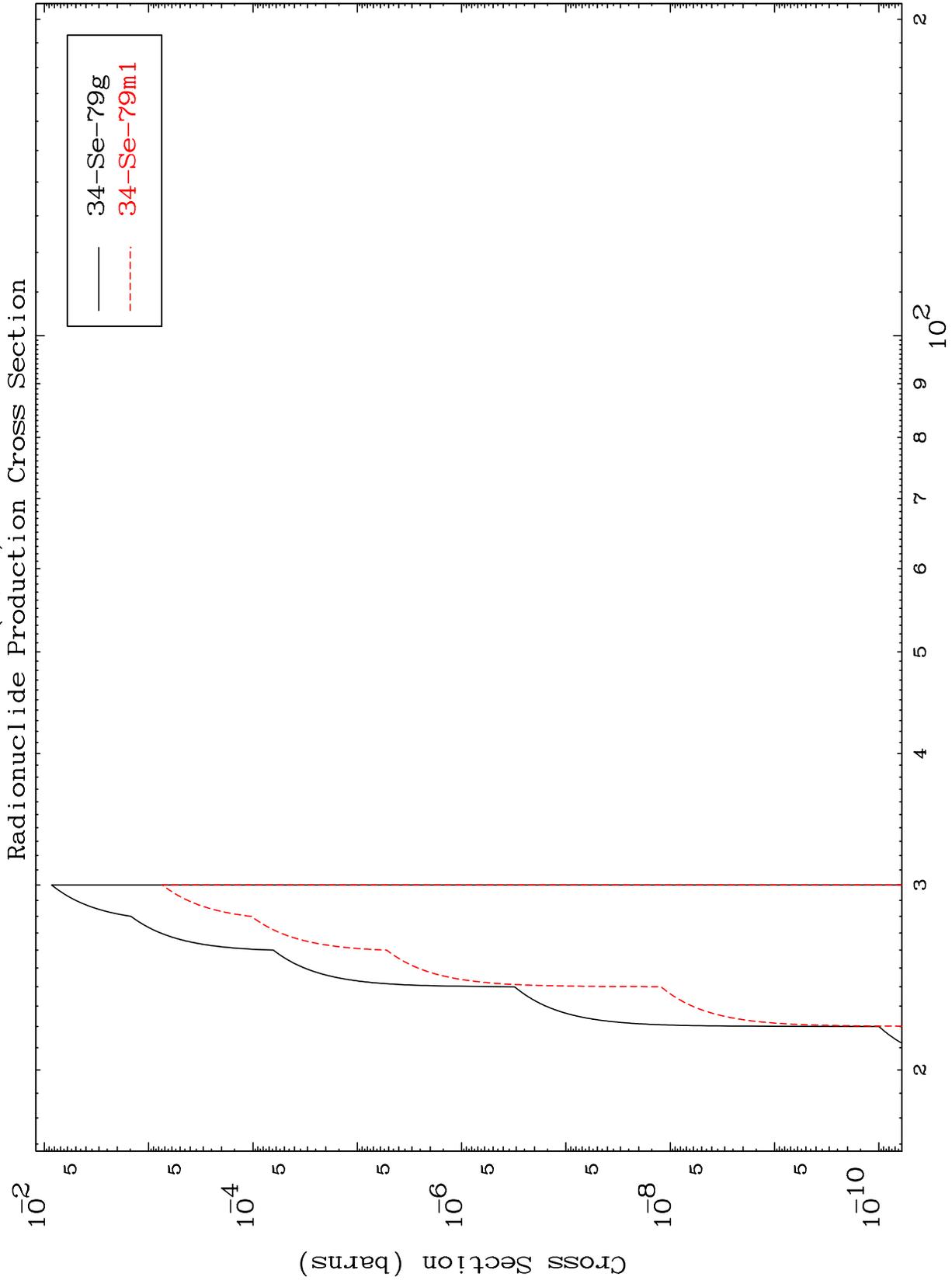
Incident Energy (MeV)

34-Se-81

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$(\alpha, 2n)$ α

34-Se-81



34-Se-81

Incident Energy (MeV)

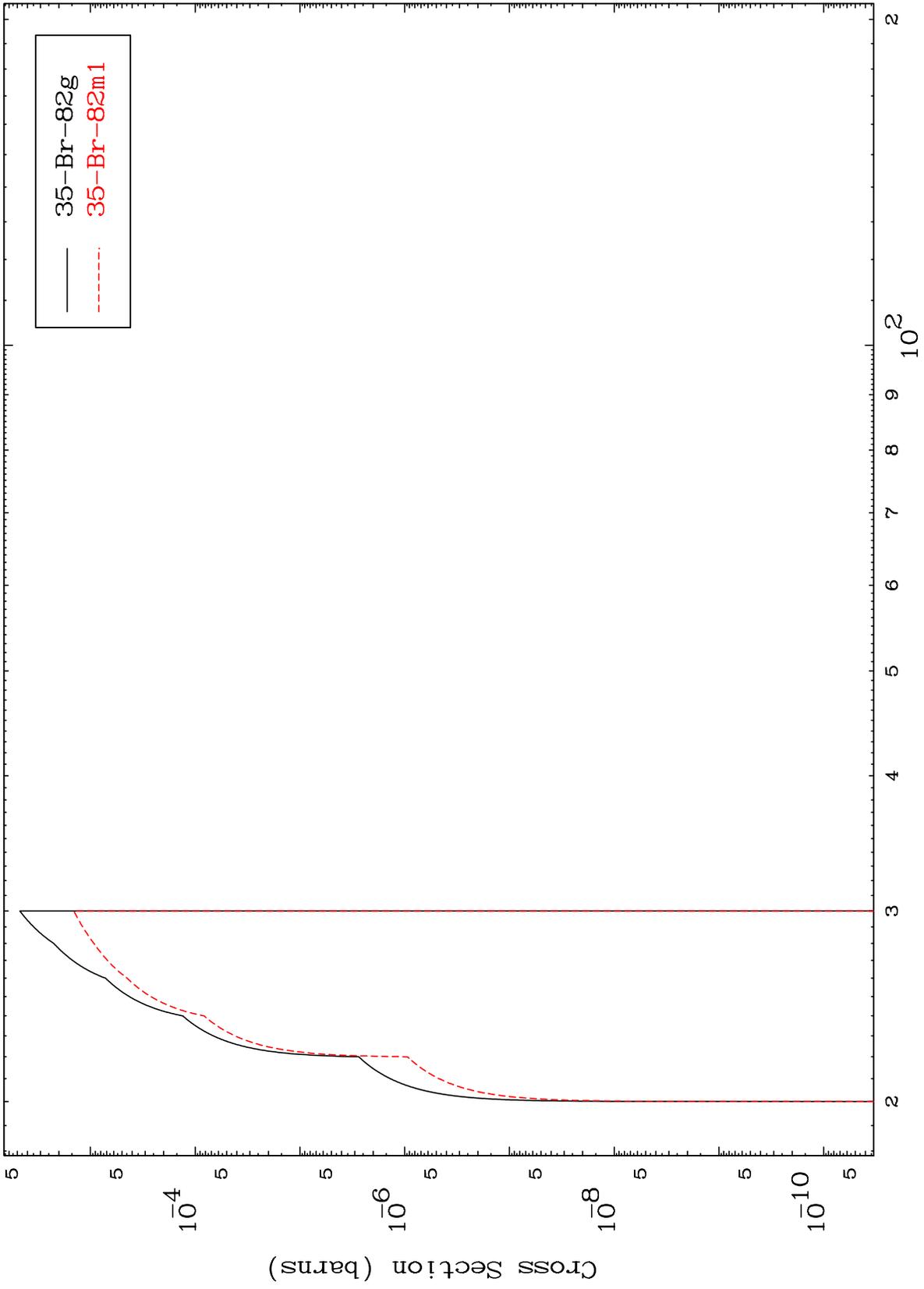
12

MAT 3447

(α, n') d

34-Se-81

Radionuclide Production Cross Section



13

Incident Energy (MeV)

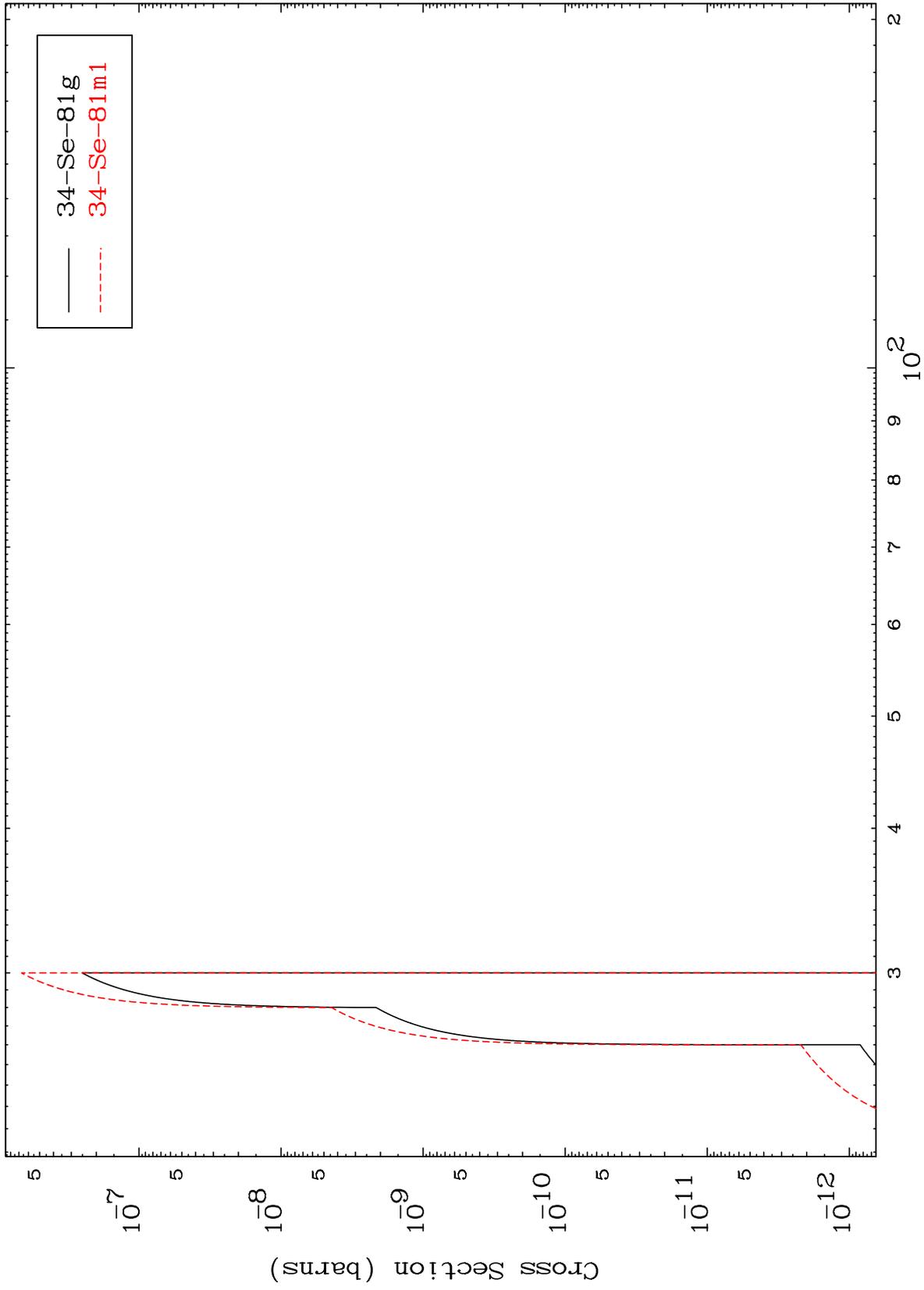
34-Se-81

MAT 3447

(α, n') He-3

34-Se-81

Radionuclide Production Cross Section



14

Incident Energy (MeV)

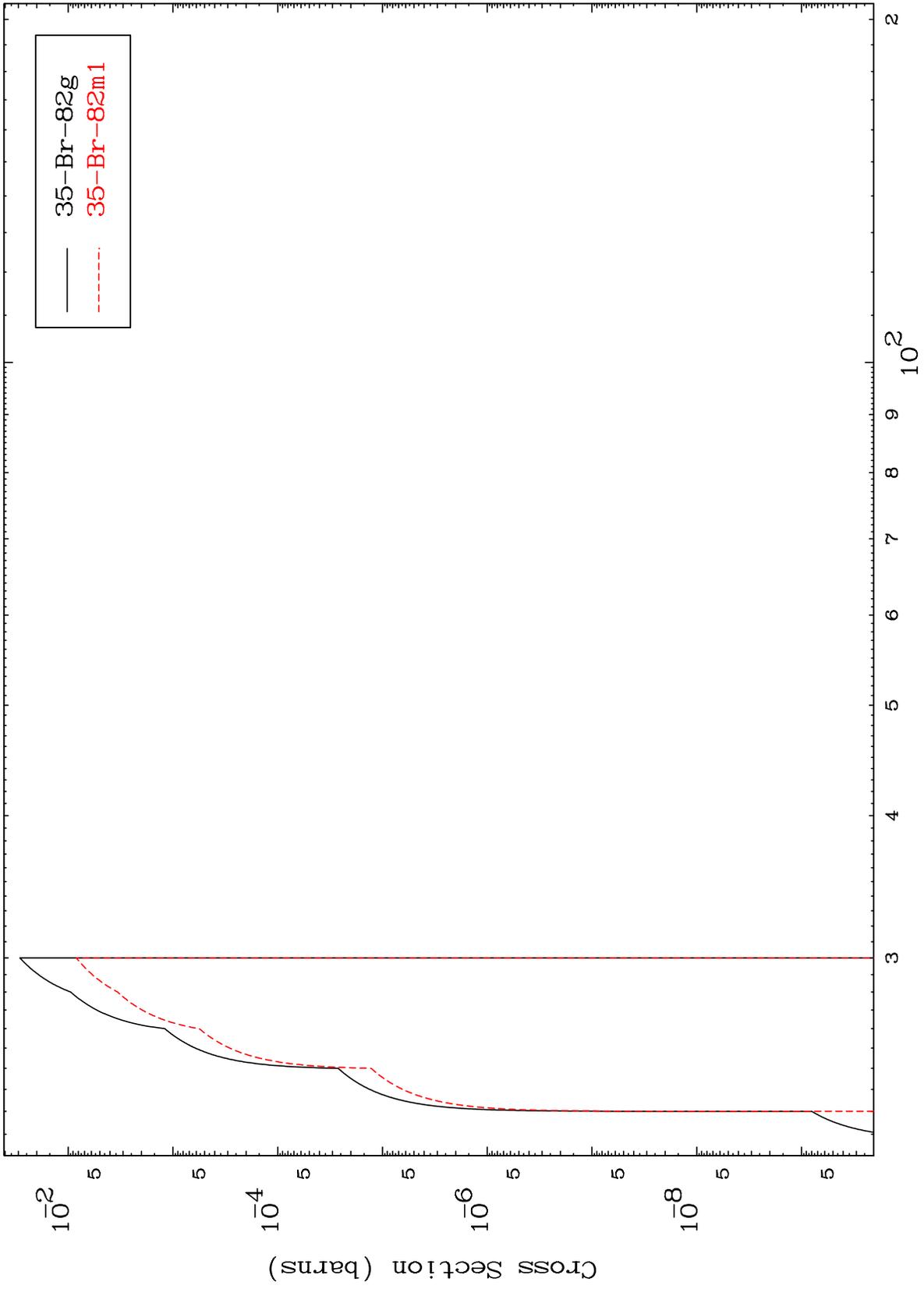
34-Se-81

MAT 3447

($\alpha, 2n$) p

34-Se-81

Radionuclide Production Cross Section



15

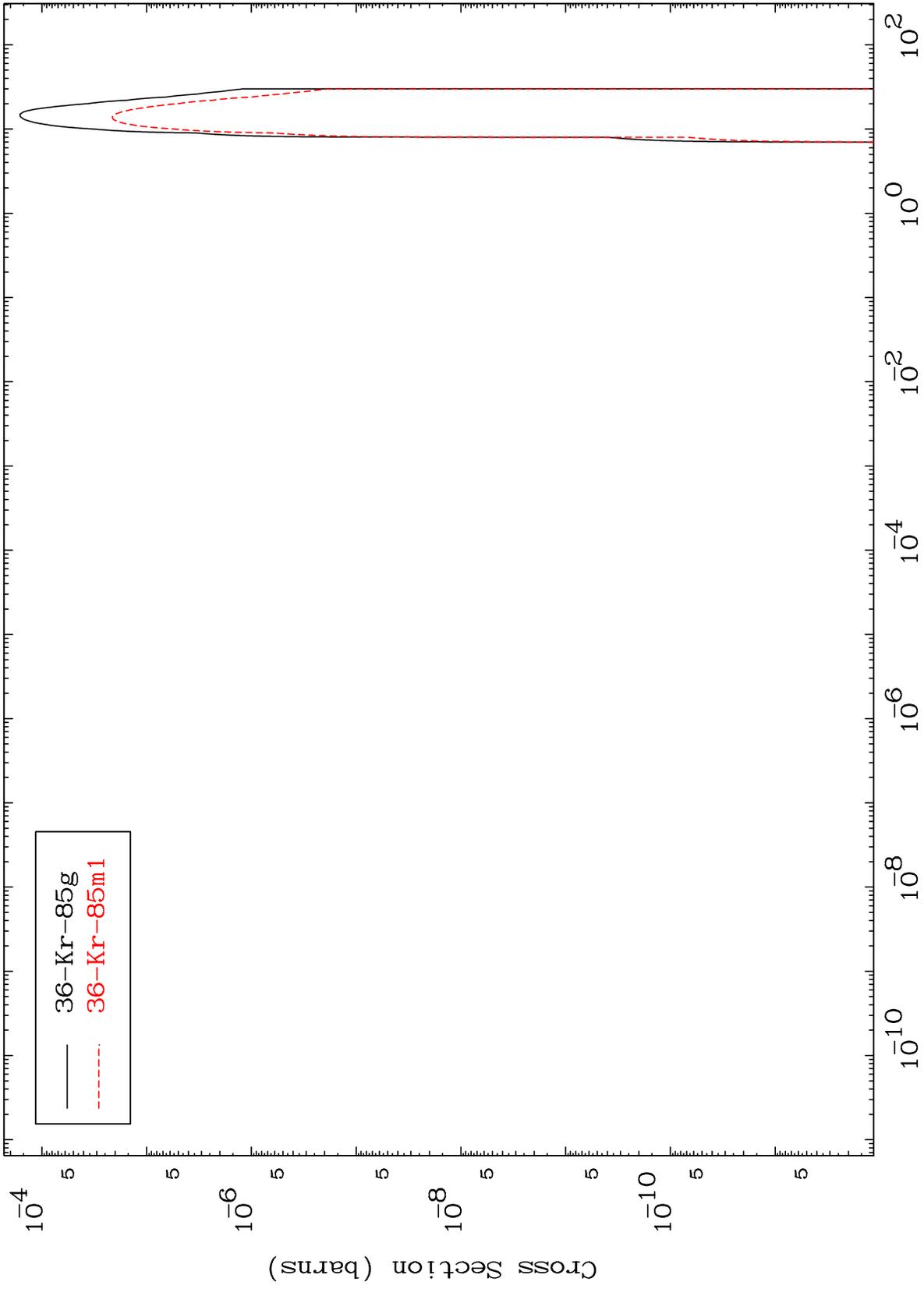
Incident Energy (MeV)

34-Se-81

MAT 3447

Radionuclide Production Cross Section
(α, γ)

³⁴Se-81



16

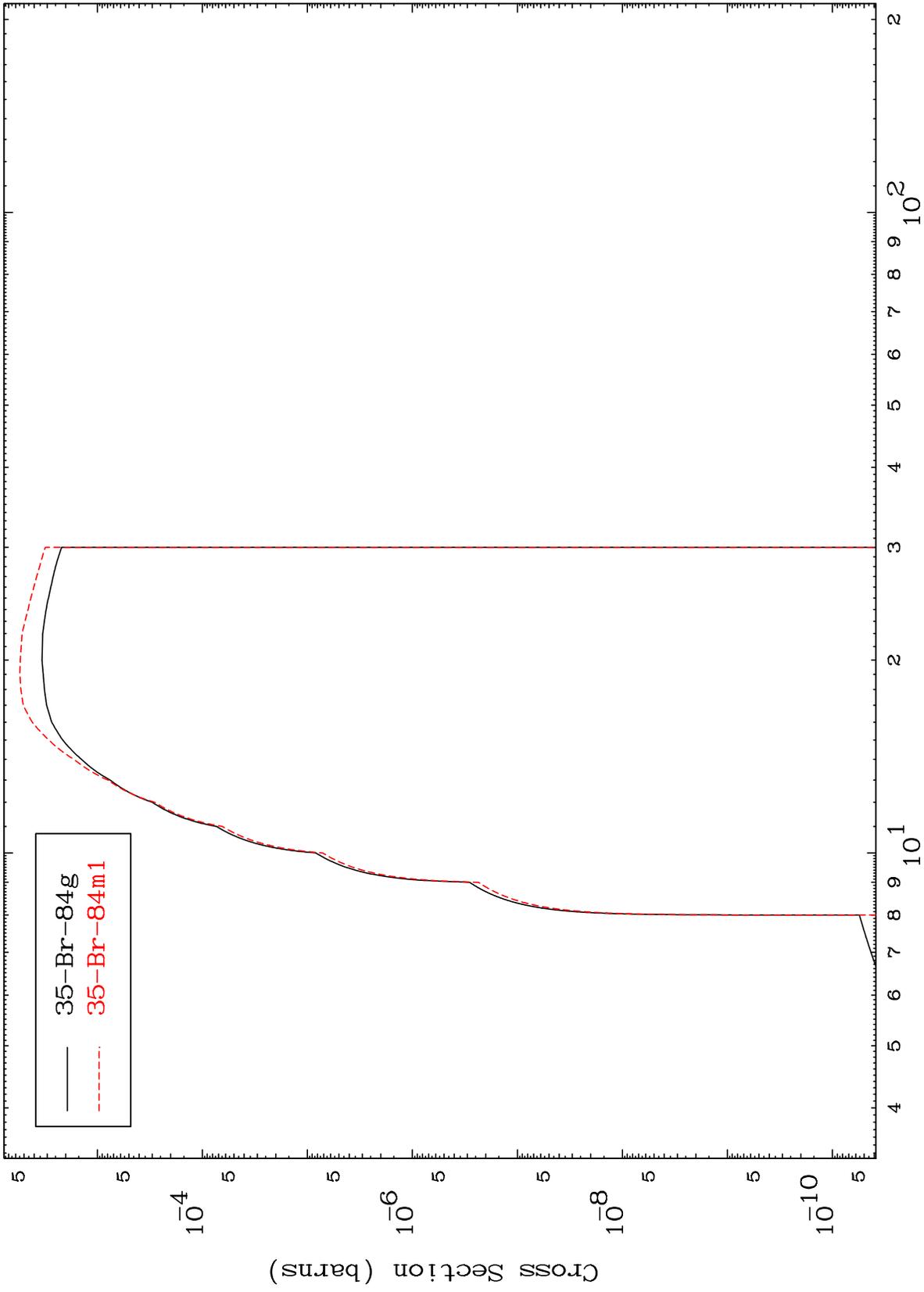
Incident Energy (MeV)

³⁴Se-81

MAT 3447

34-Se-81

Radionuclide Production Cross Section



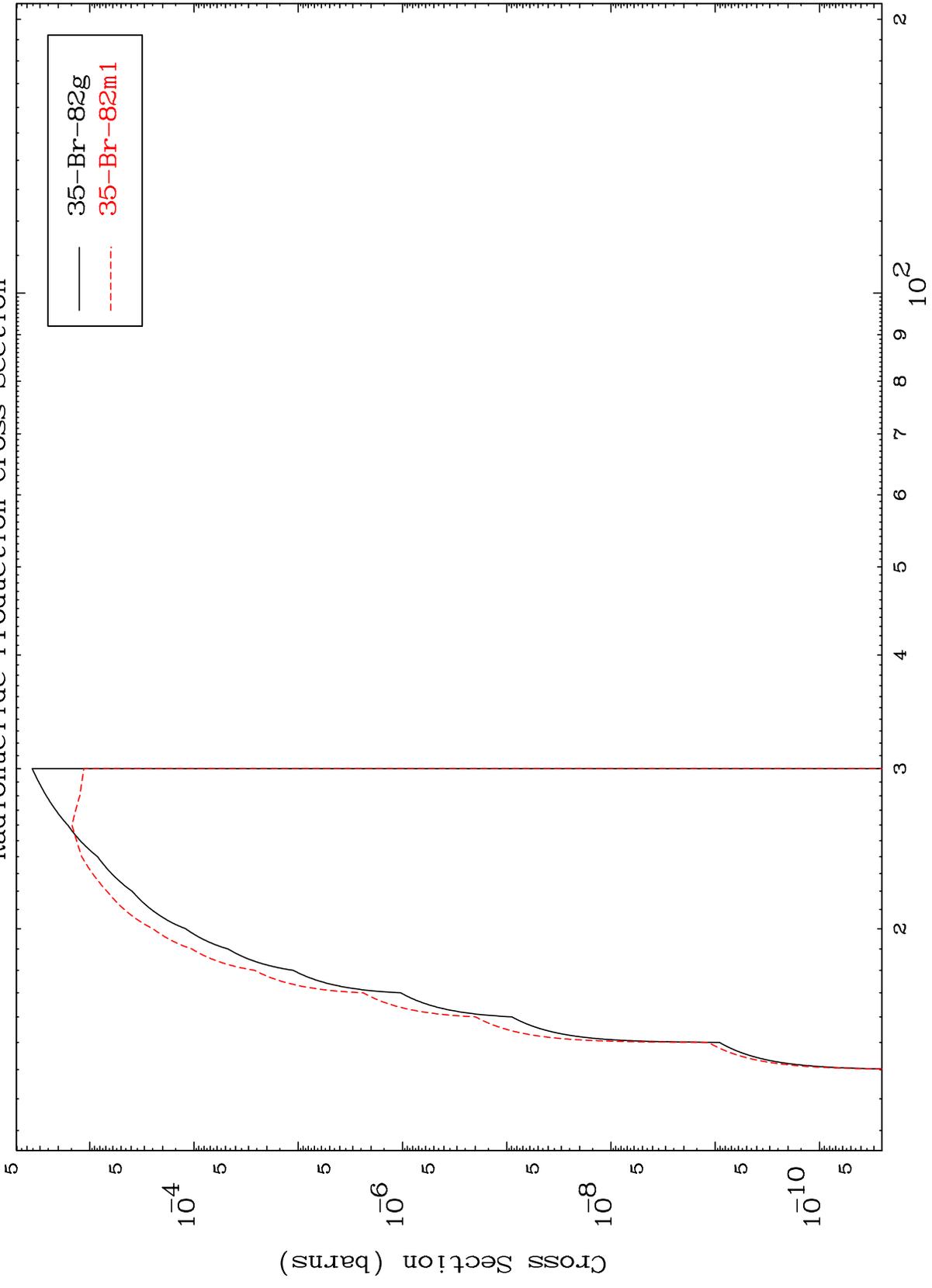
17

34-Se-81

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34-Se-81

(α, t)
Radionuclide Production Cross Section



18

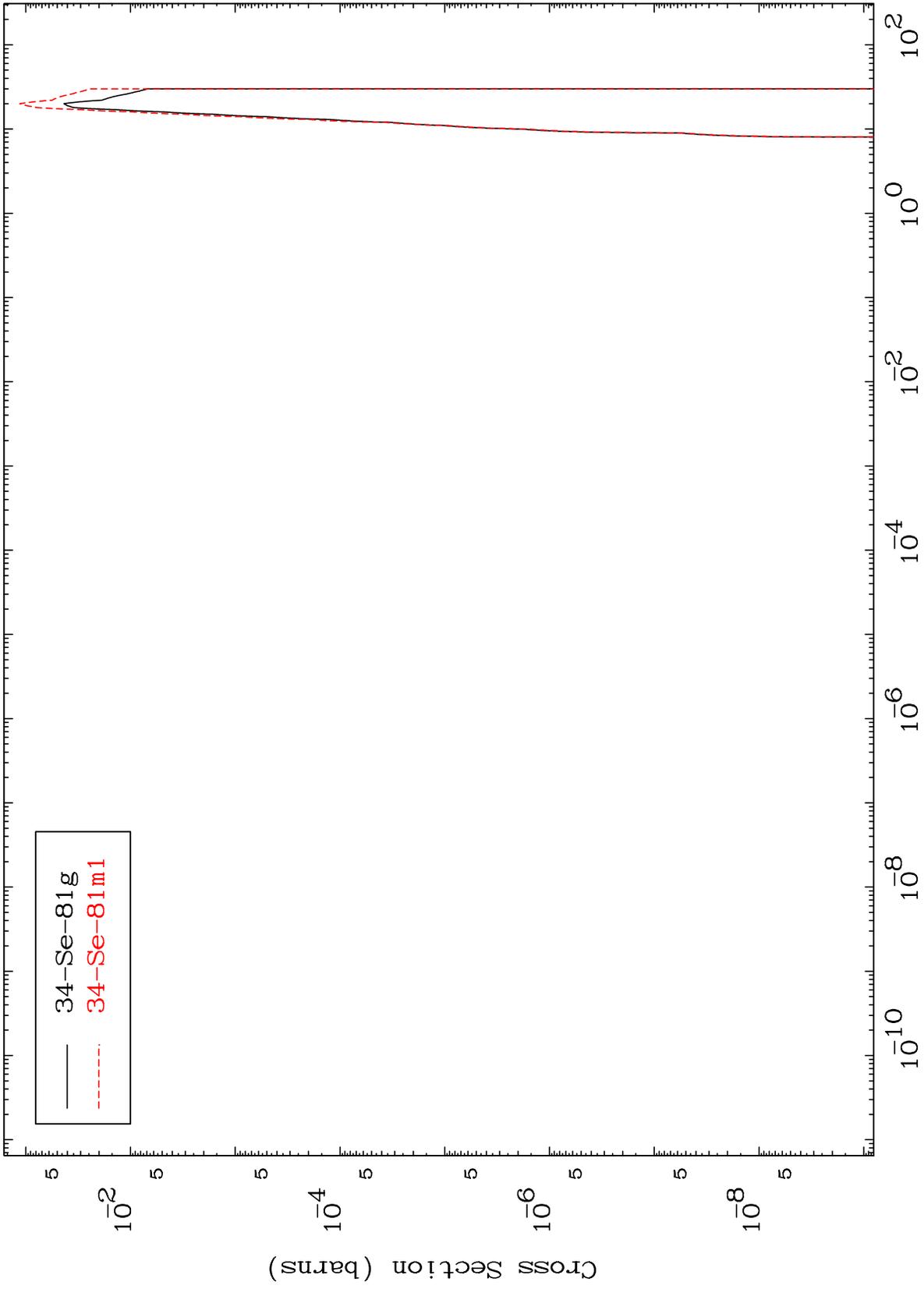
Incident Energy (MeV)

34-Se-81

MAT 3447

³⁴Se-81

(α, α)
Radionuclide Production Cross Section

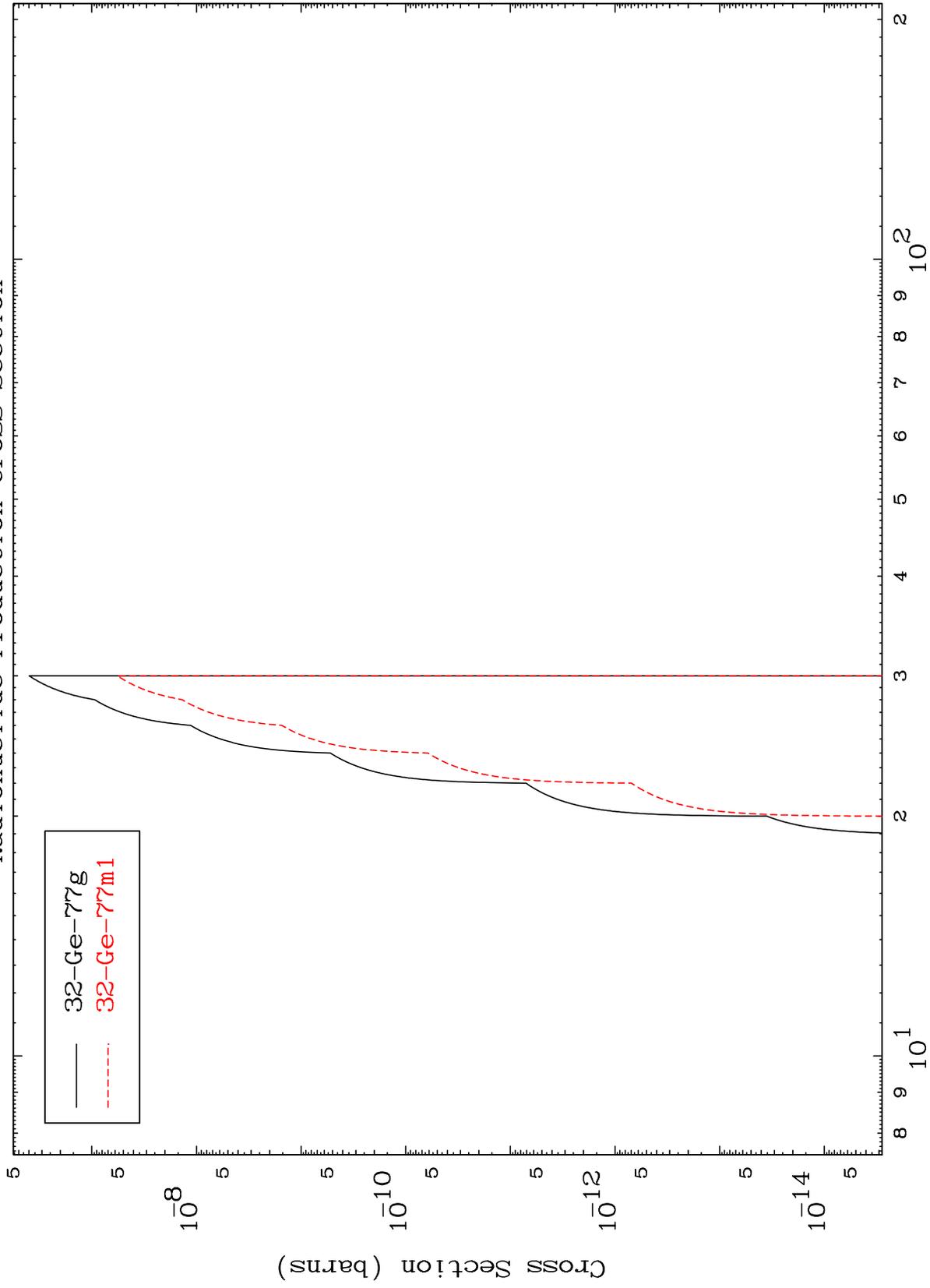


³⁴Se-81

MAT 3447

34-^{Se}-81

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



— 32-Ge-77g
- - - 32-Ge-77m1

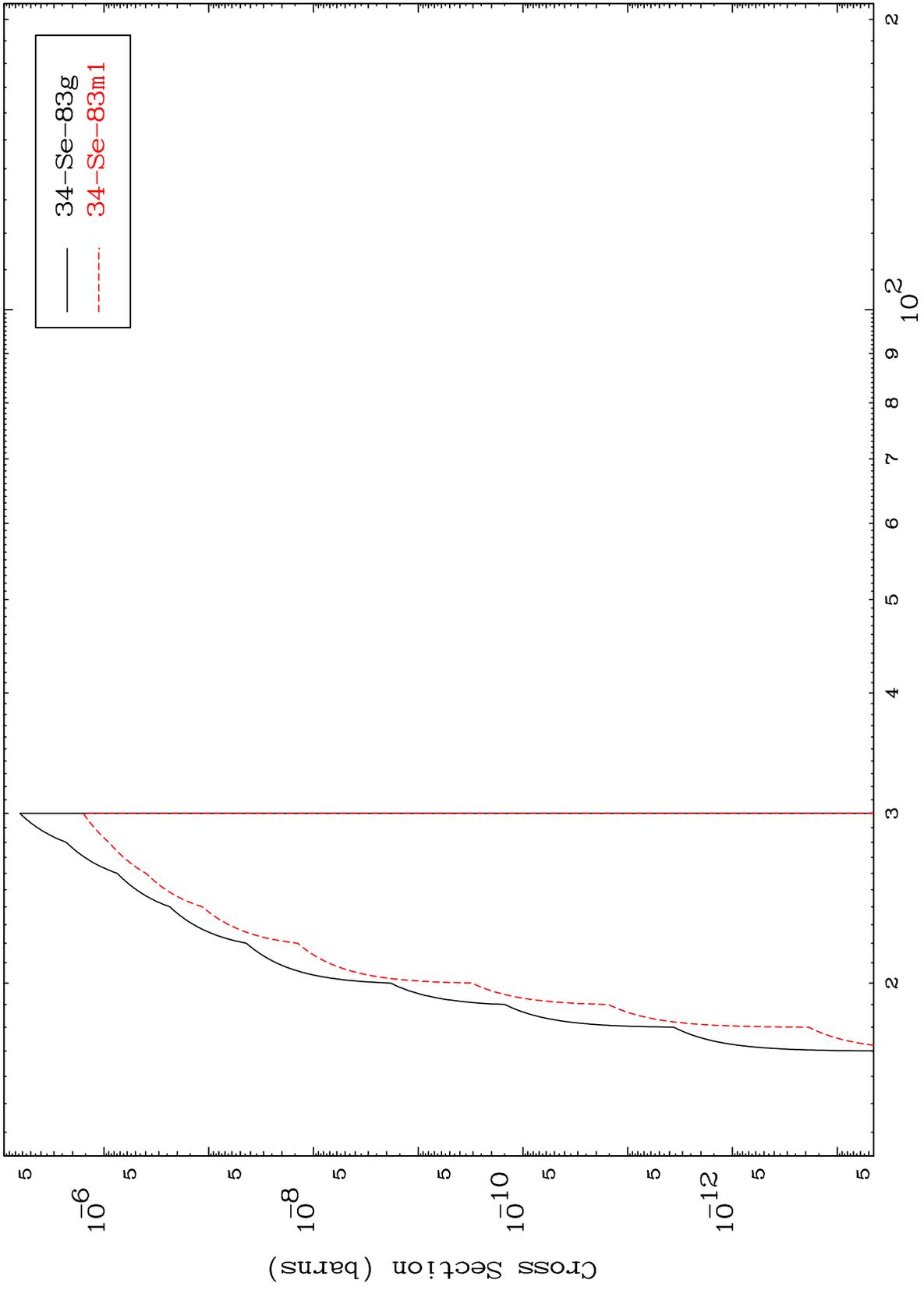
20

34-^{Se}-81

MAT 3447

34-Se-81

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



21

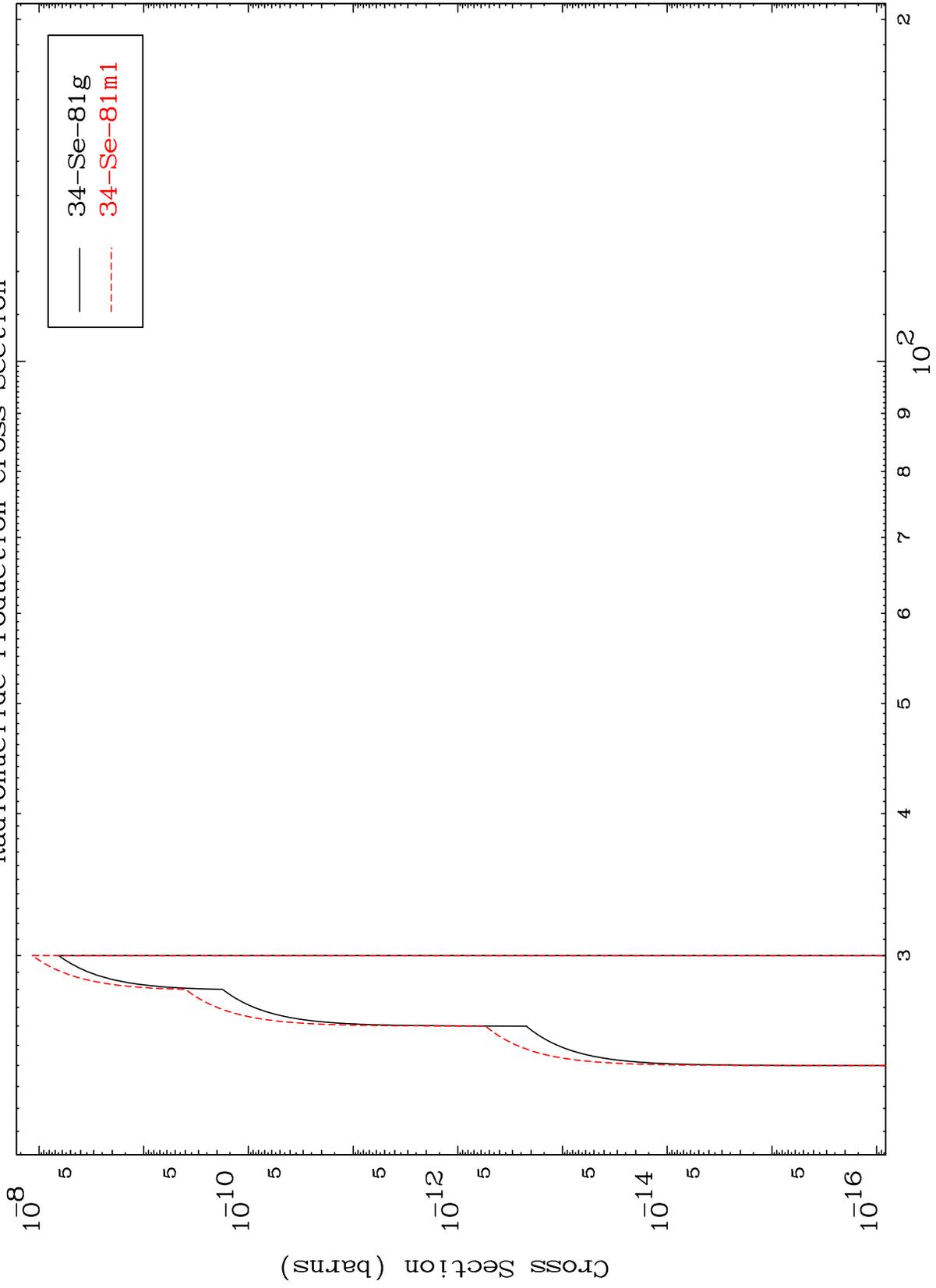
34-Se-81

MAT 3447

(α, p) t

34-Se-81

Radionuclide Production Cross Section



22

Incident Energy (MeV)

34-Se-81