

Program EVALPLOT
(Version 2018-1)

by

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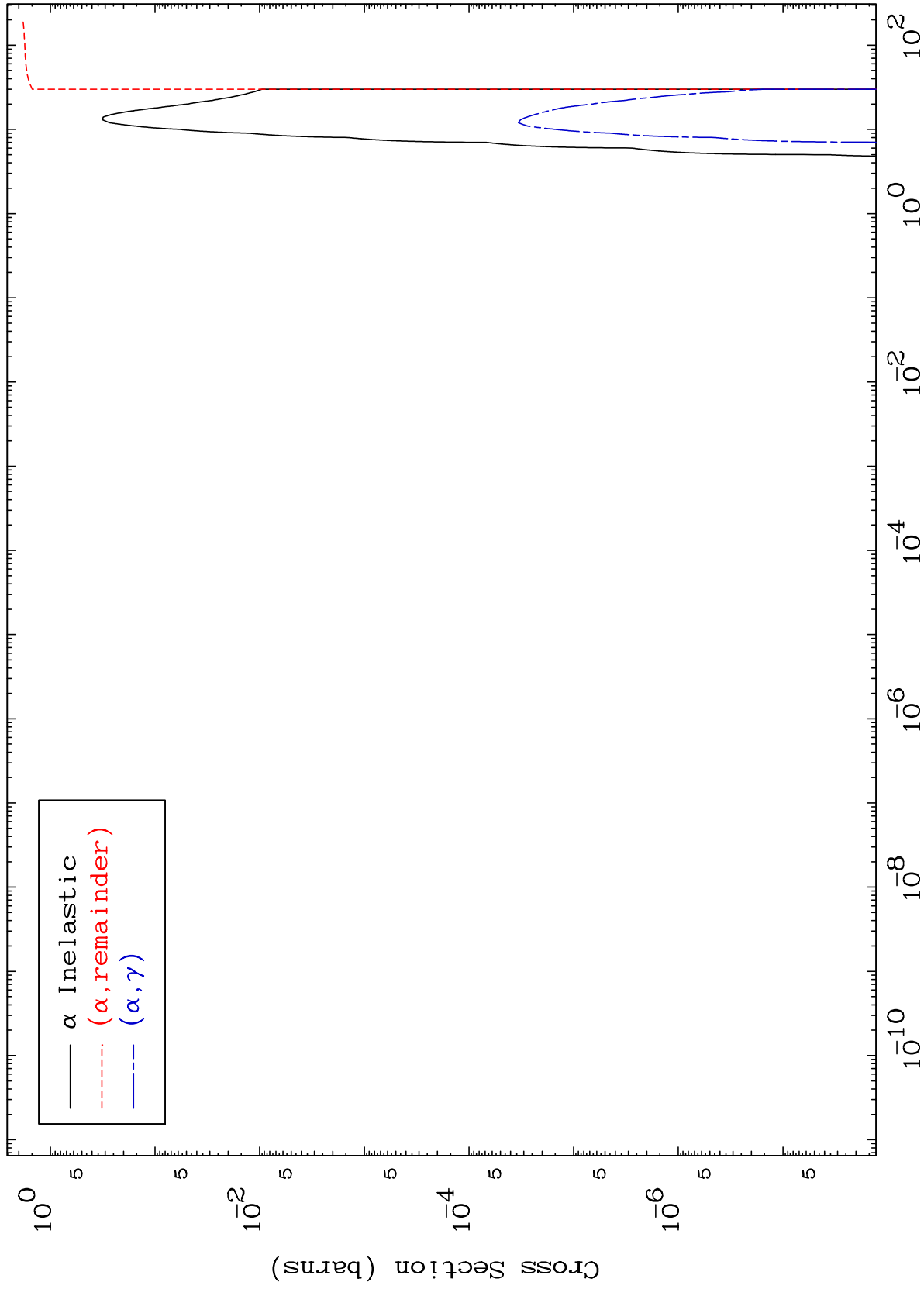
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3443

0 Kelvin α Major
Cross Sections

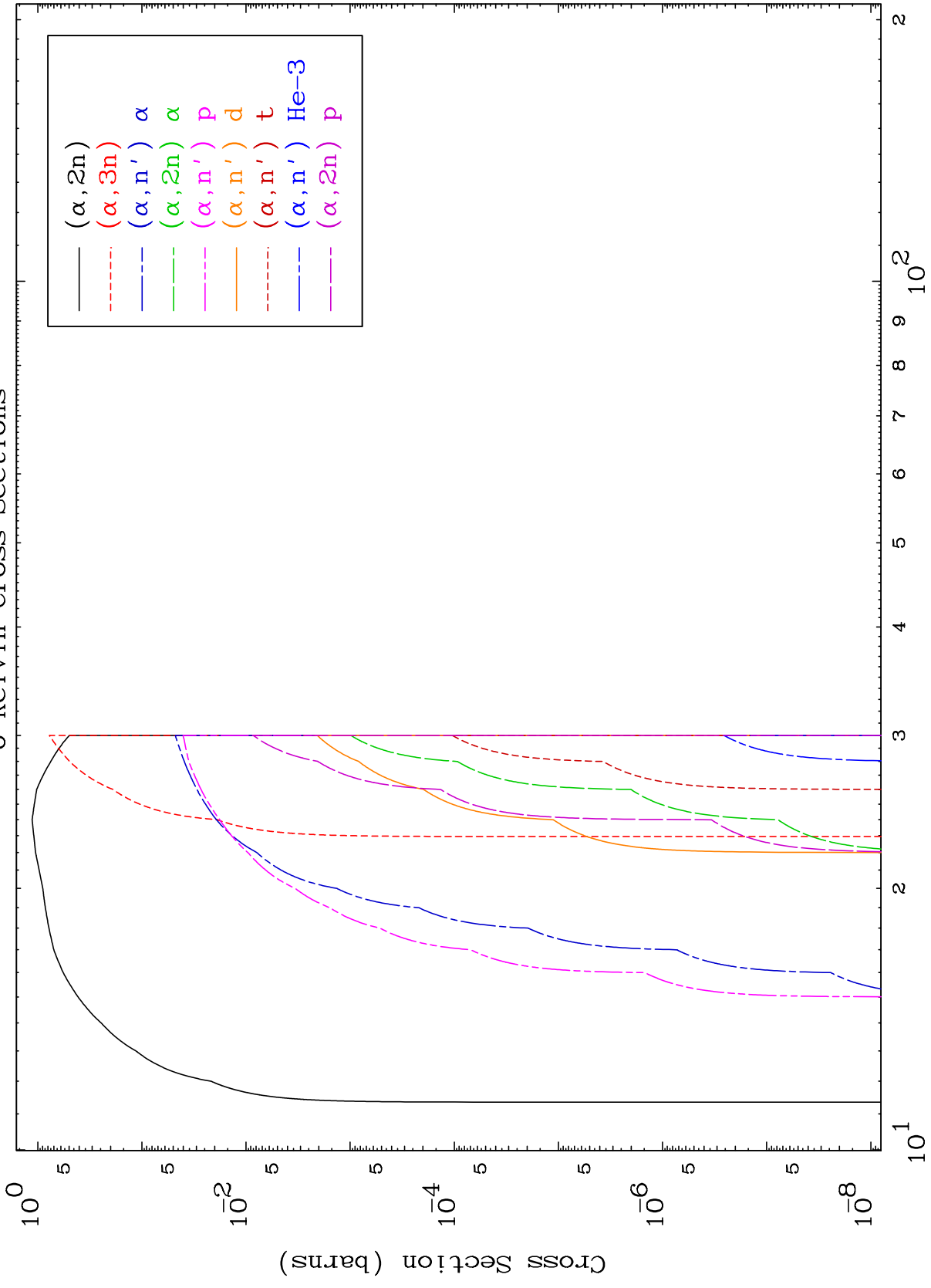
34-Se-80



MAT 3443

α Neutron Production
0 Kelvin Cross Sections

34-Se-80



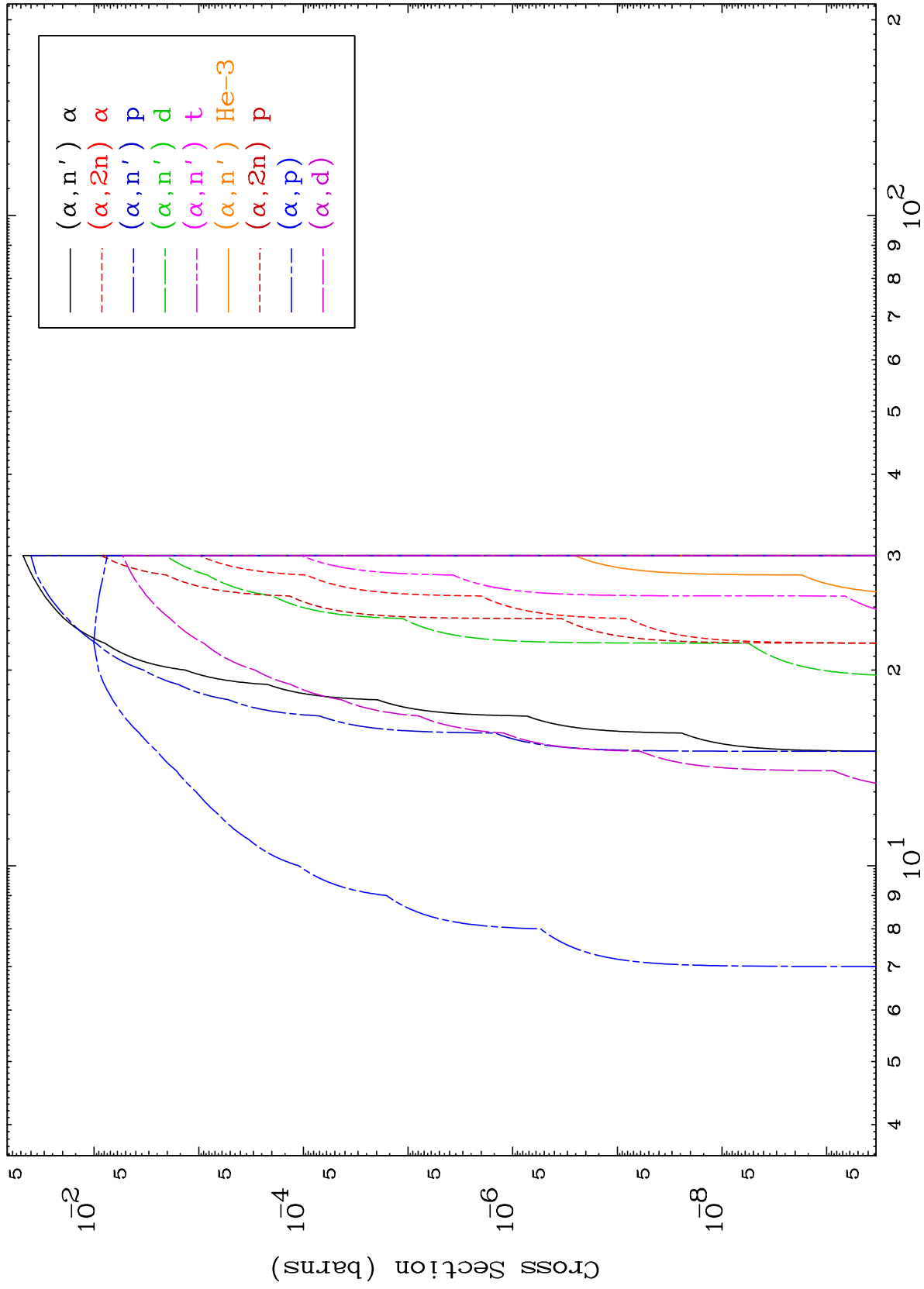
Incident Energy (MeV)

34-Se-80

MAT 3443

α Charged Particle
0 Kelvin Cross Sections

34-Se-80



3

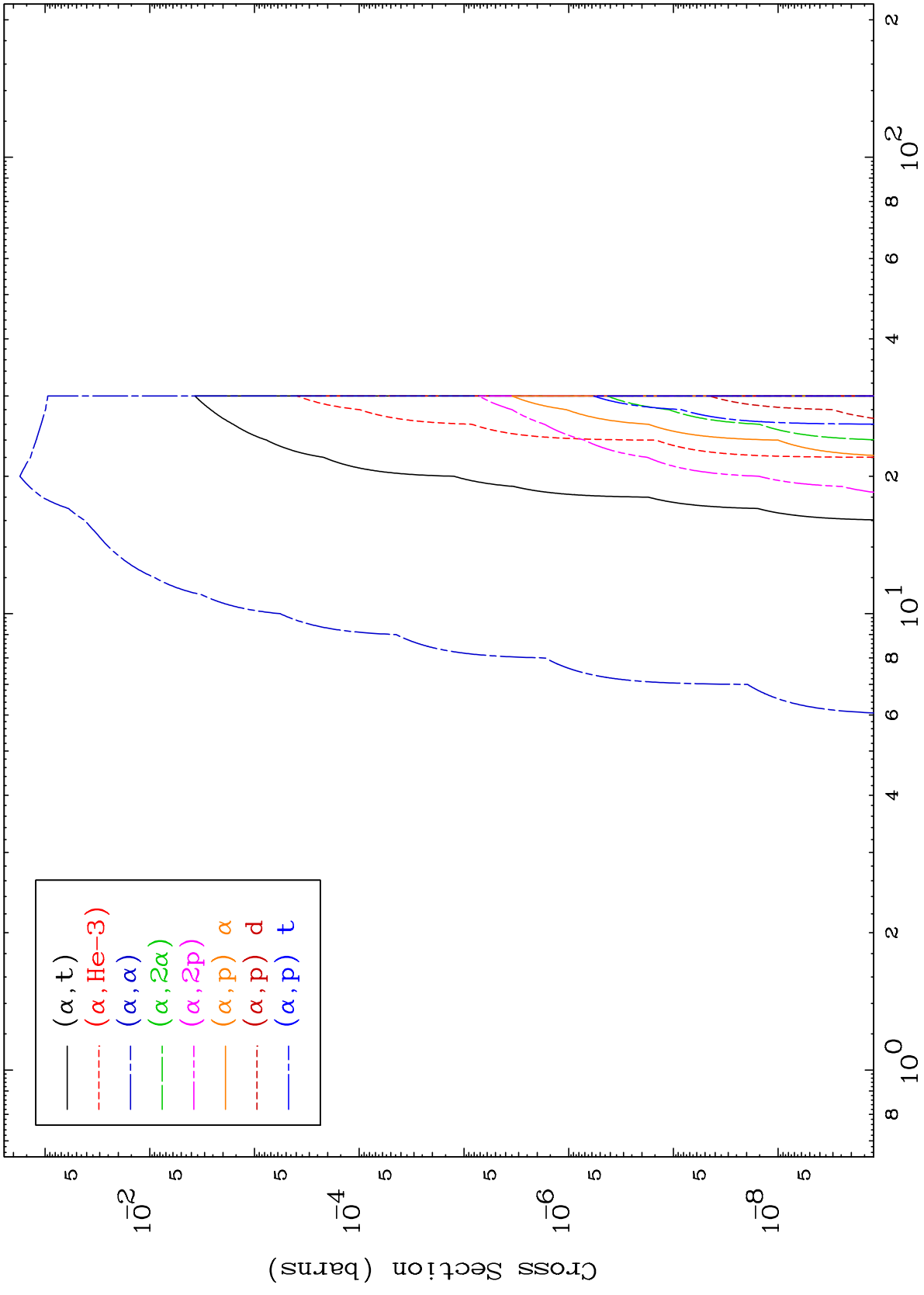
Incident Energy (MeV)

34-Se-80

MAT 3443

α Charged Particle
0 Kelvin Cross Sections

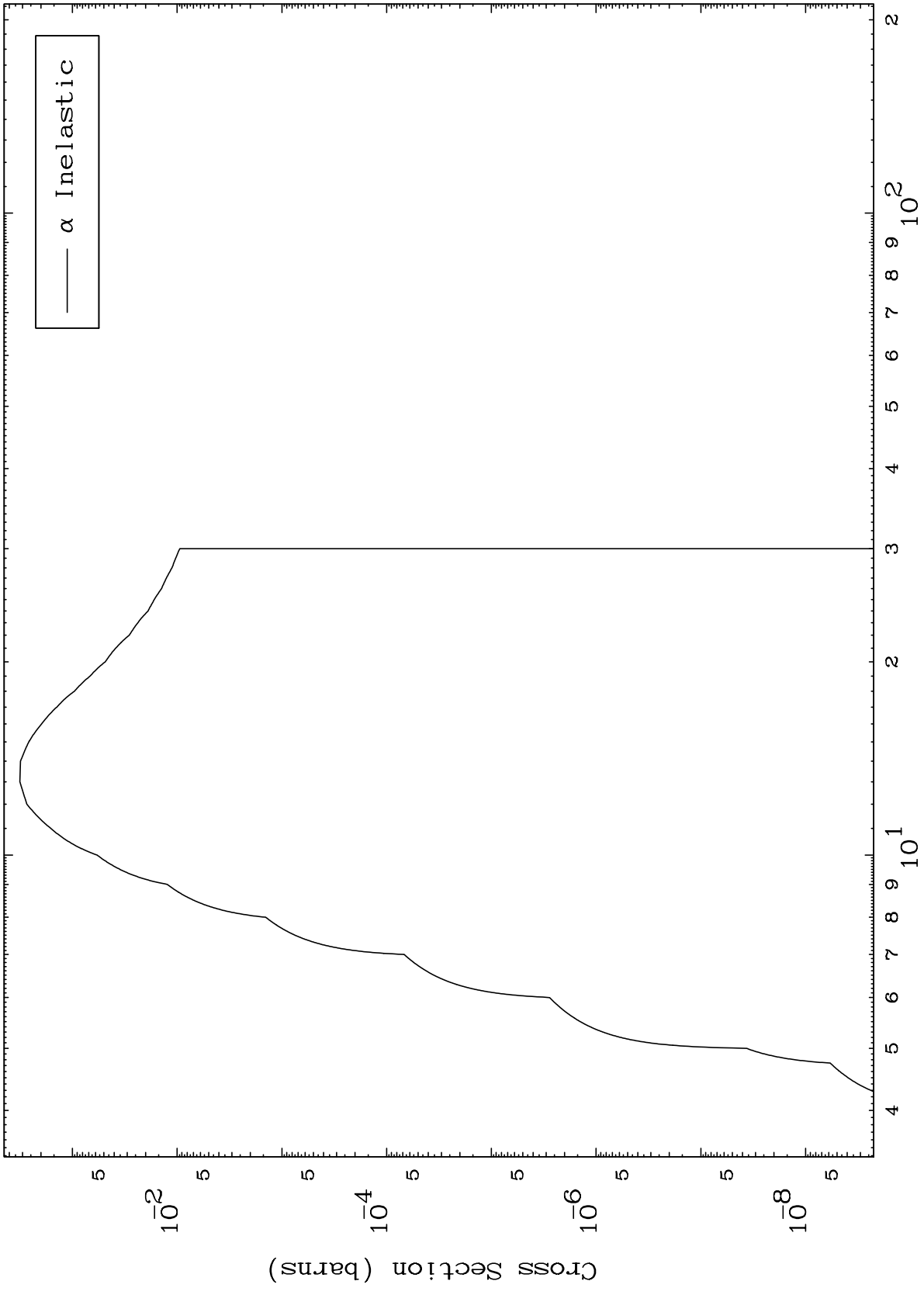
34-Se-80



MAT 3443

(α, n') Level
0 Kelvin Cross Sections

34-Se-80



5

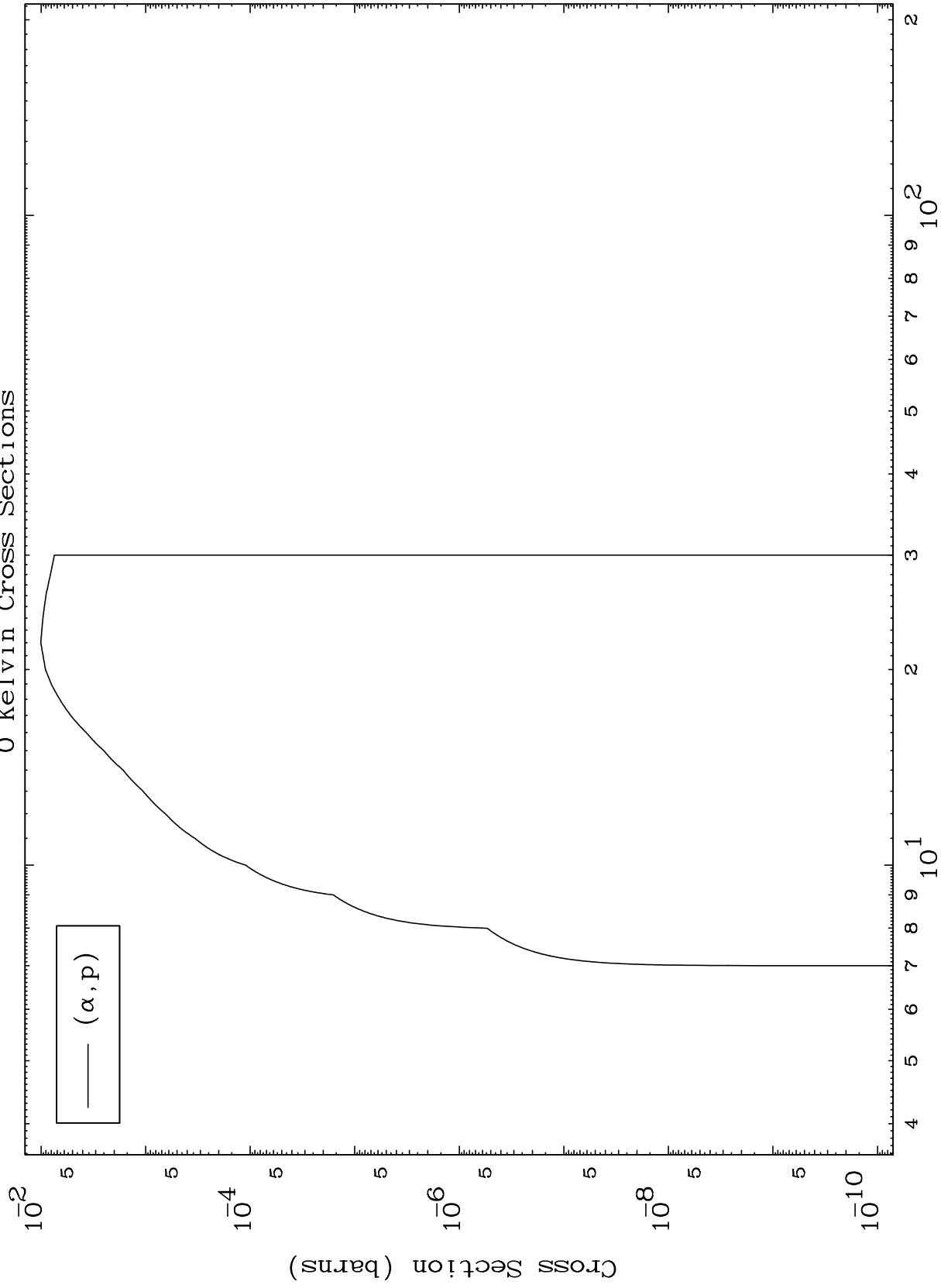
Incident Energy (MeV)

34-Se-80

MAT 3443

34-Se-80

(α, p) Levels
0 Kelvin Cross Sections



6

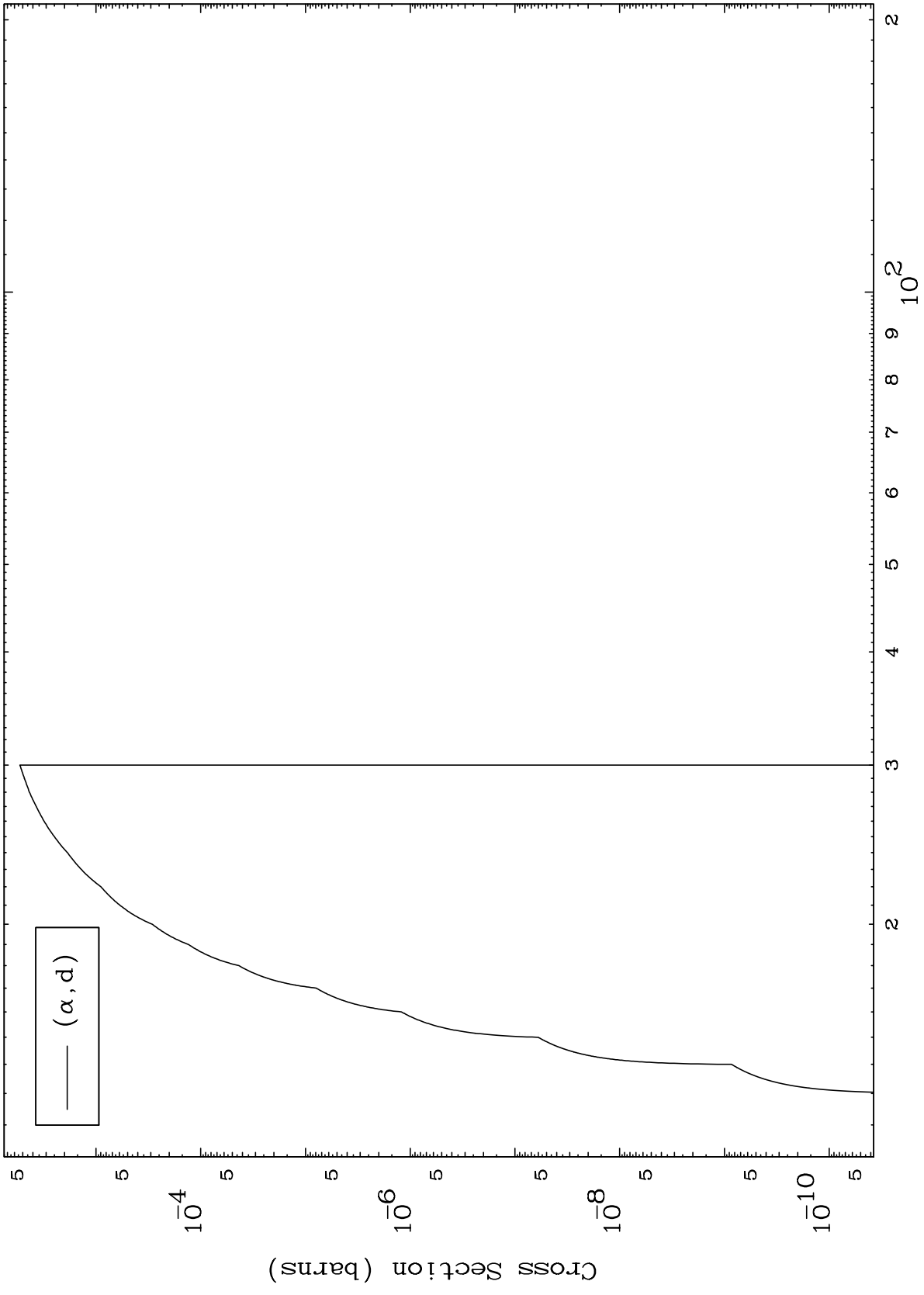
Incident Energy (MeV)

34-Se-80

MAT 3443

(α, d) Levels
0 Kelvin Cross Sections

34-Se-80



7

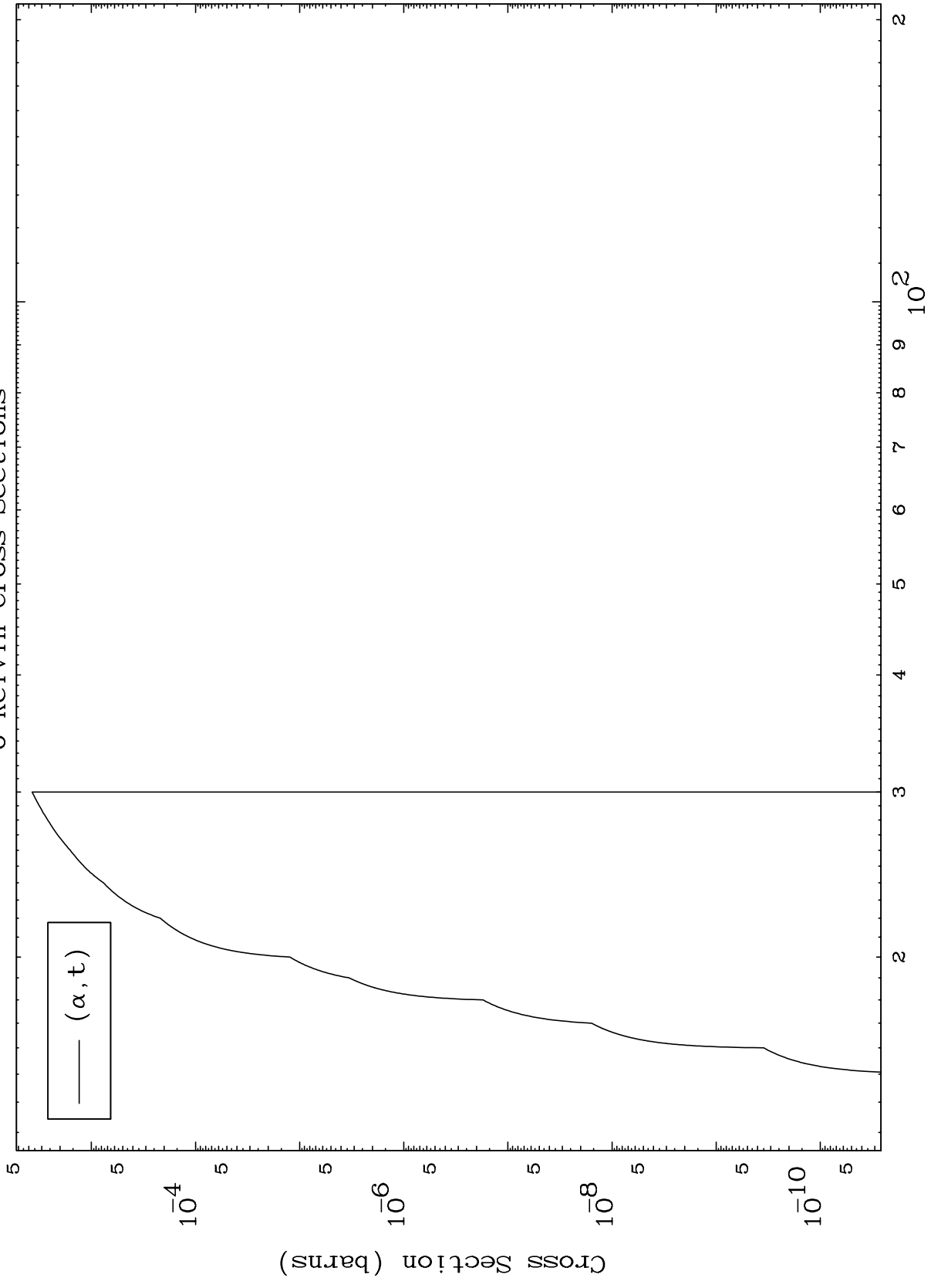
Incident Energy (MeV)

34-Se-80

MAT 3443

(α, t) Levels
0 Kelvin Cross Sections

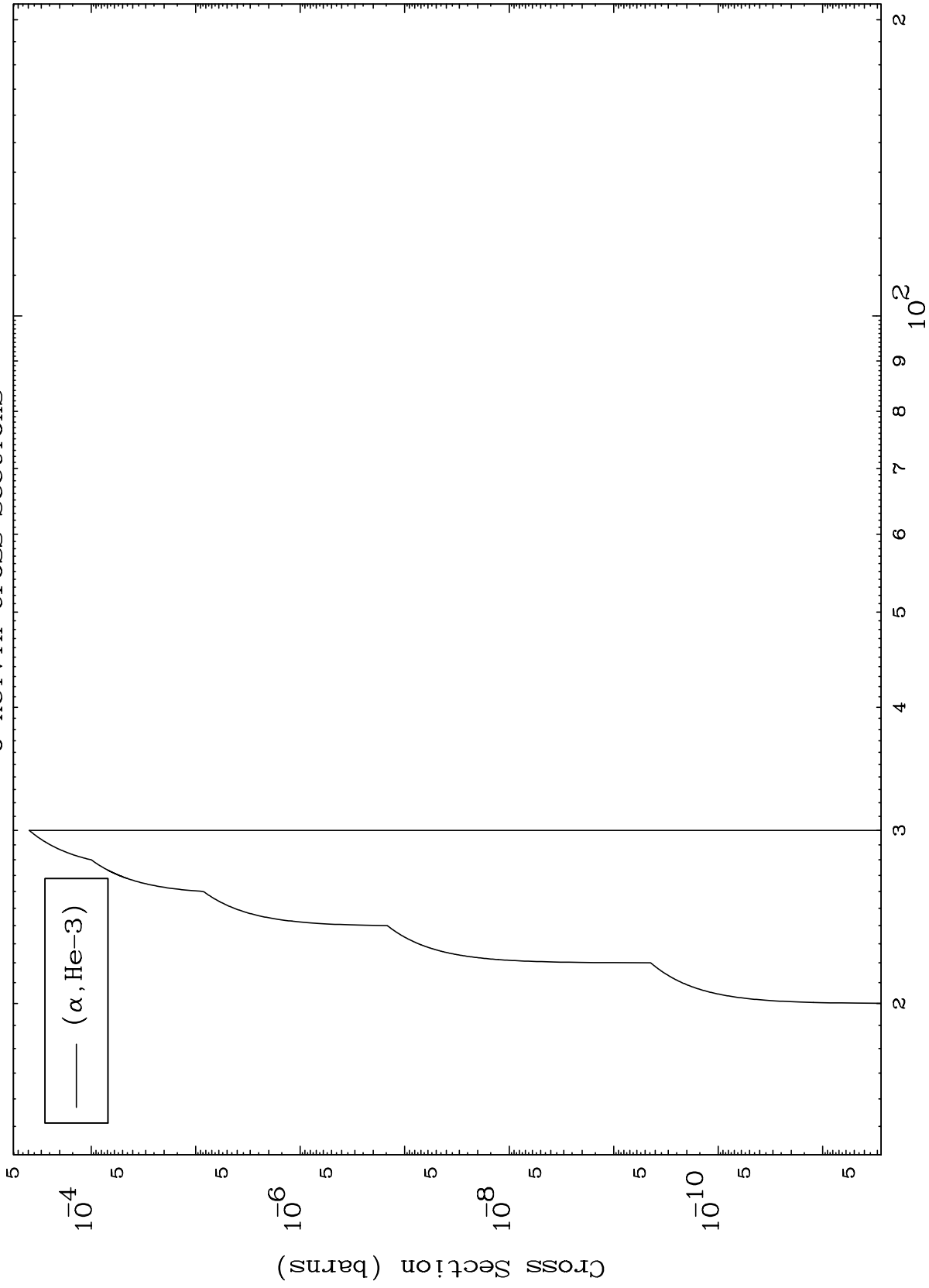
34-Se-80



8

Incident Energy (MeV)

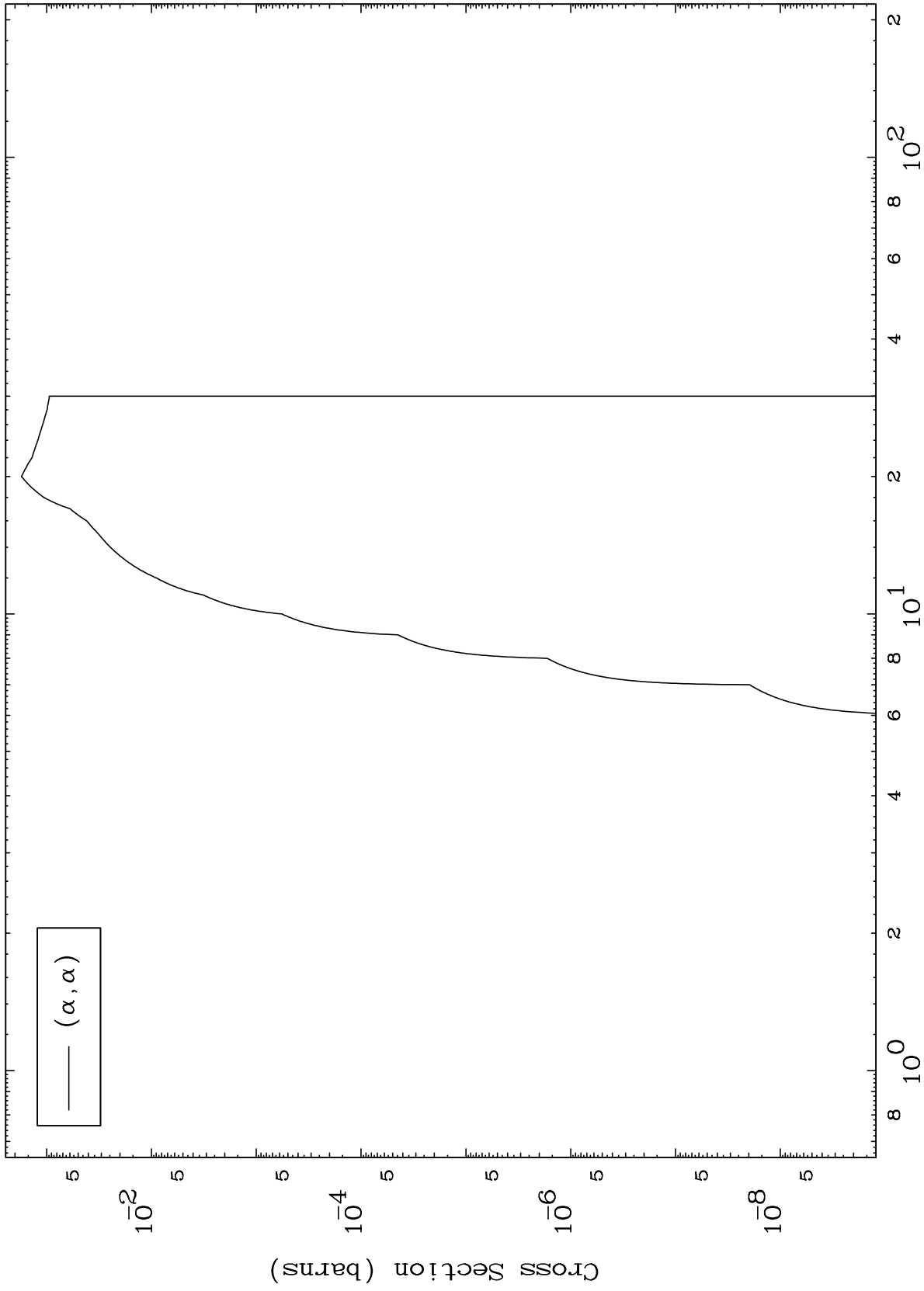
34-Se-80



MAT 3443

(α, α) Levels
0 Kelvin Cross Sections

34-Se-80



10

Incident Energy (MeV)

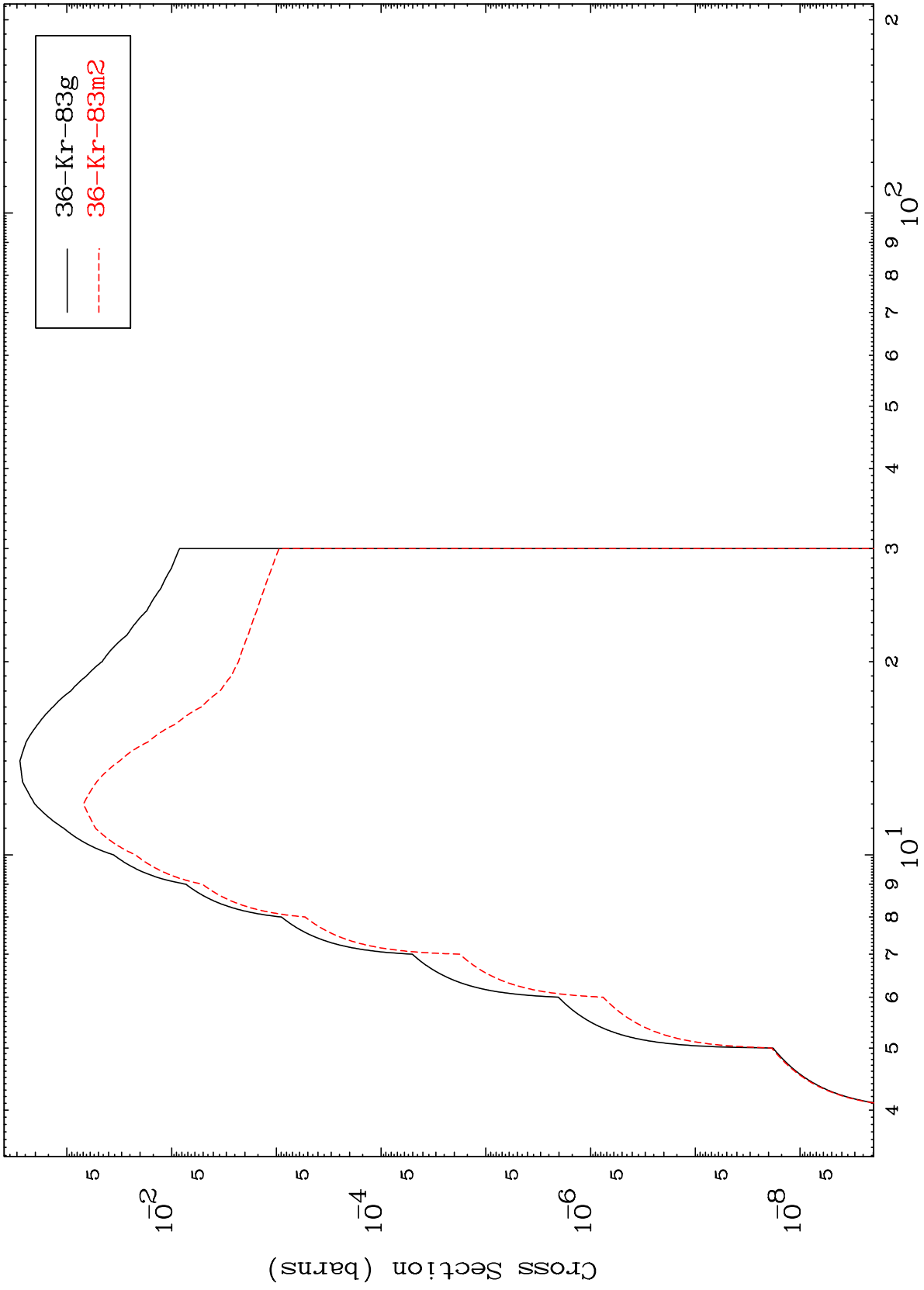
34-Se-80

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34-Se-80

Radionuclide Production Cross Section

α Inelastic



11

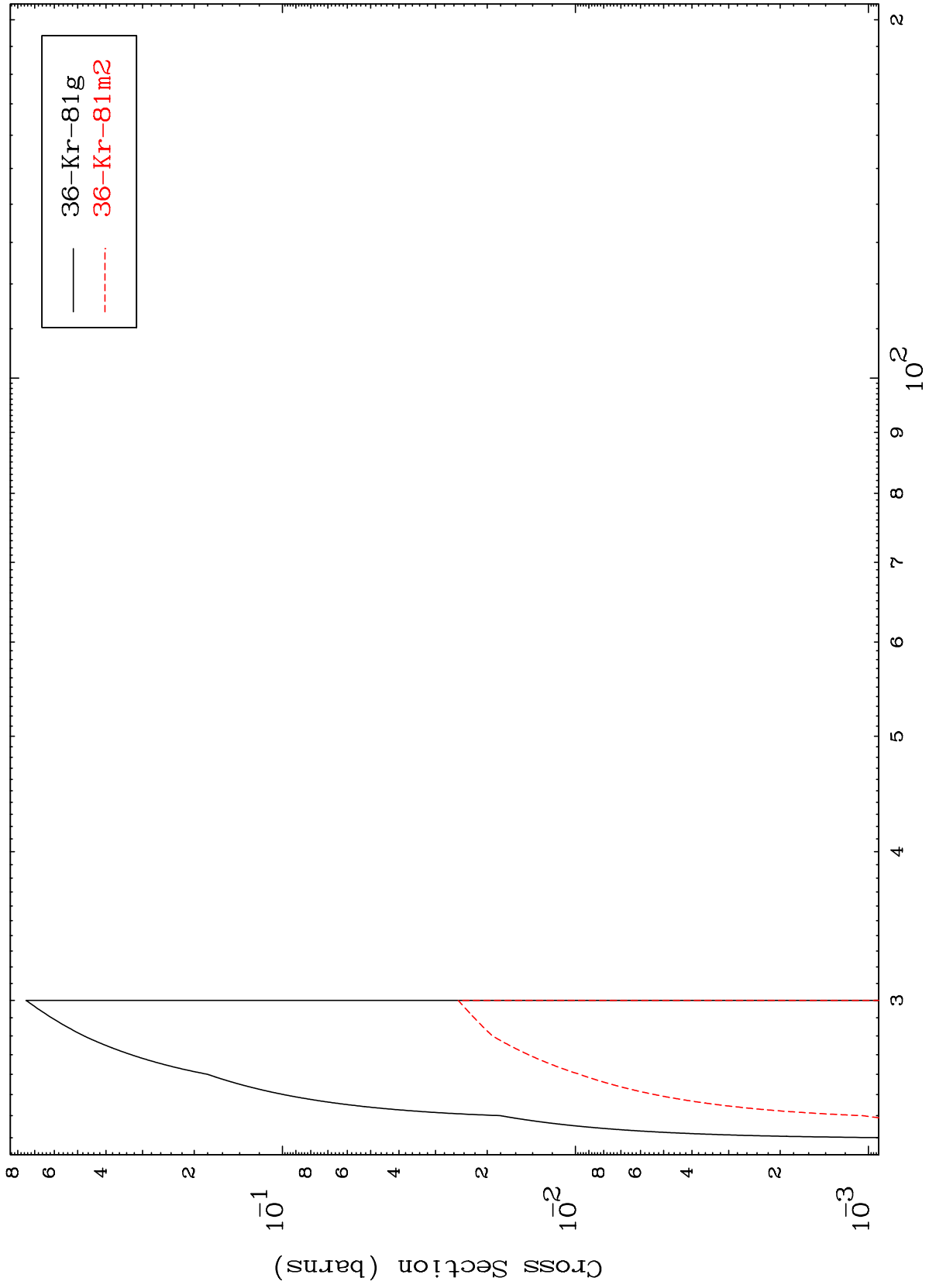
Incident Energy (MeV)

34-Se-80

MAT 3443

34-Se-80

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



12

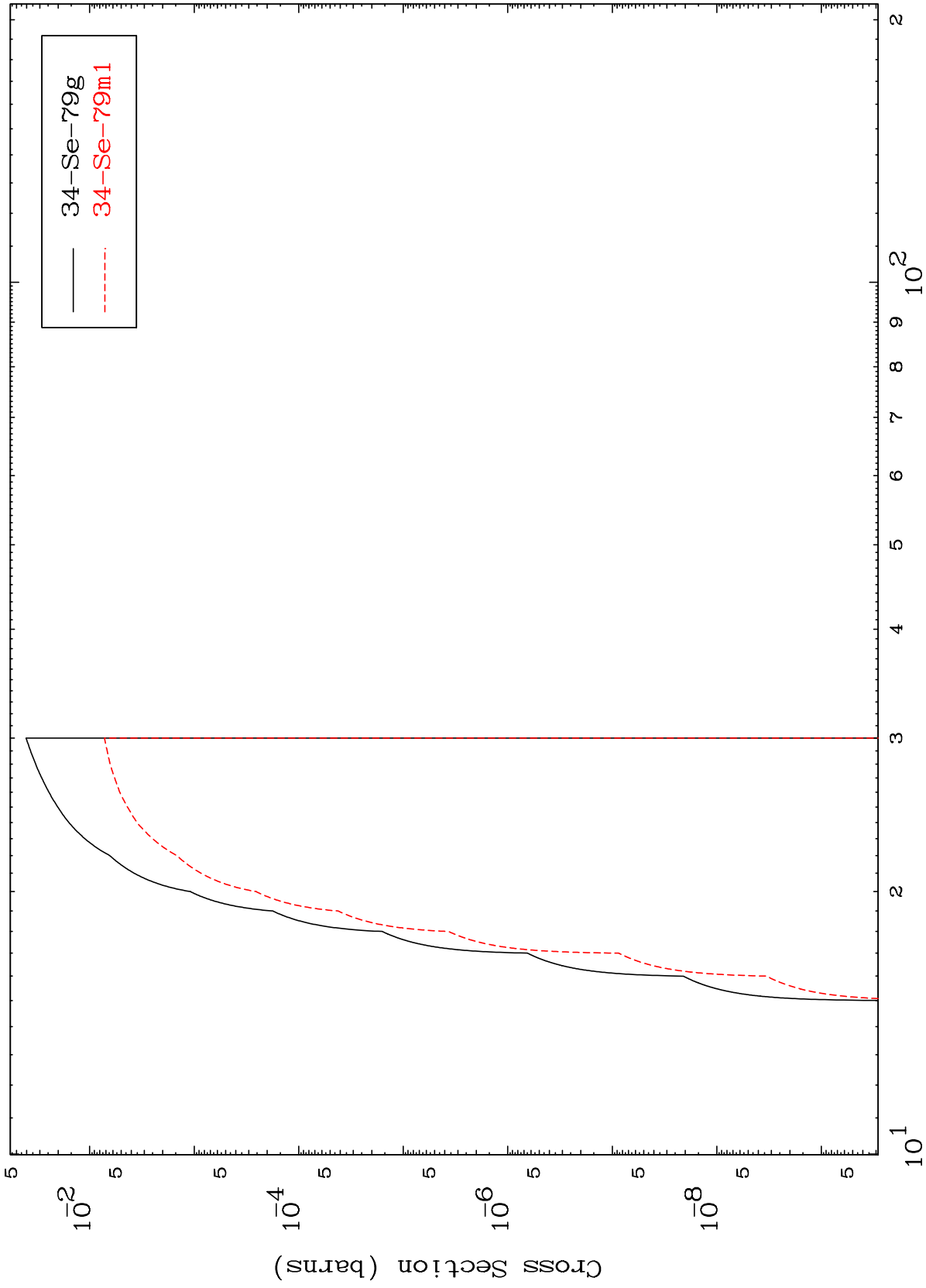
34-Se-80

MAT 3443

(α, n') α

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

Radionuclide Production Cross Section



13

Incident Energy (MeV)

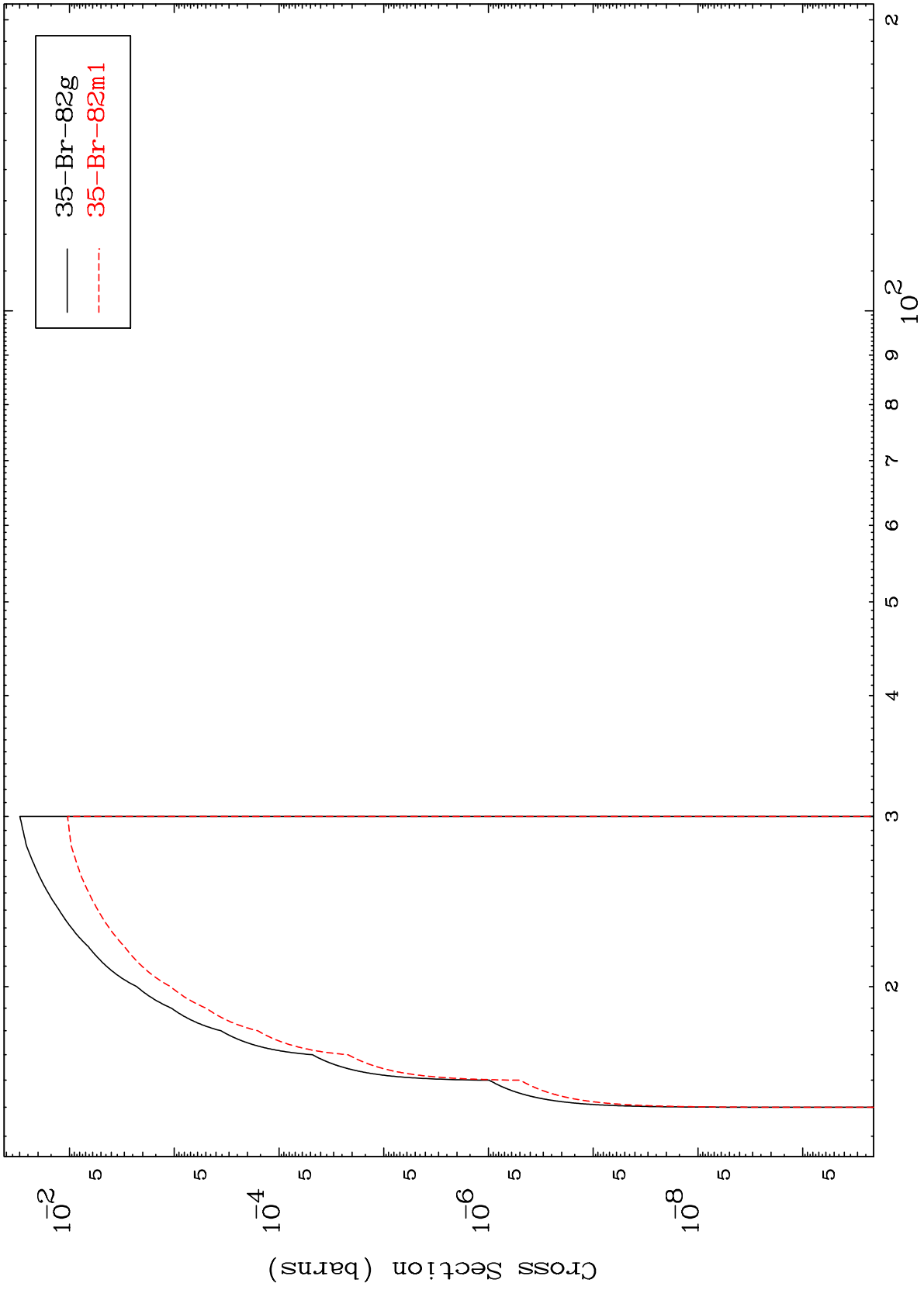
$^{34}\text{Se-80}$

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(α, n') p

34-Se-80

Radionuclide Production Cross Section



14

Incident Energy (MeV)

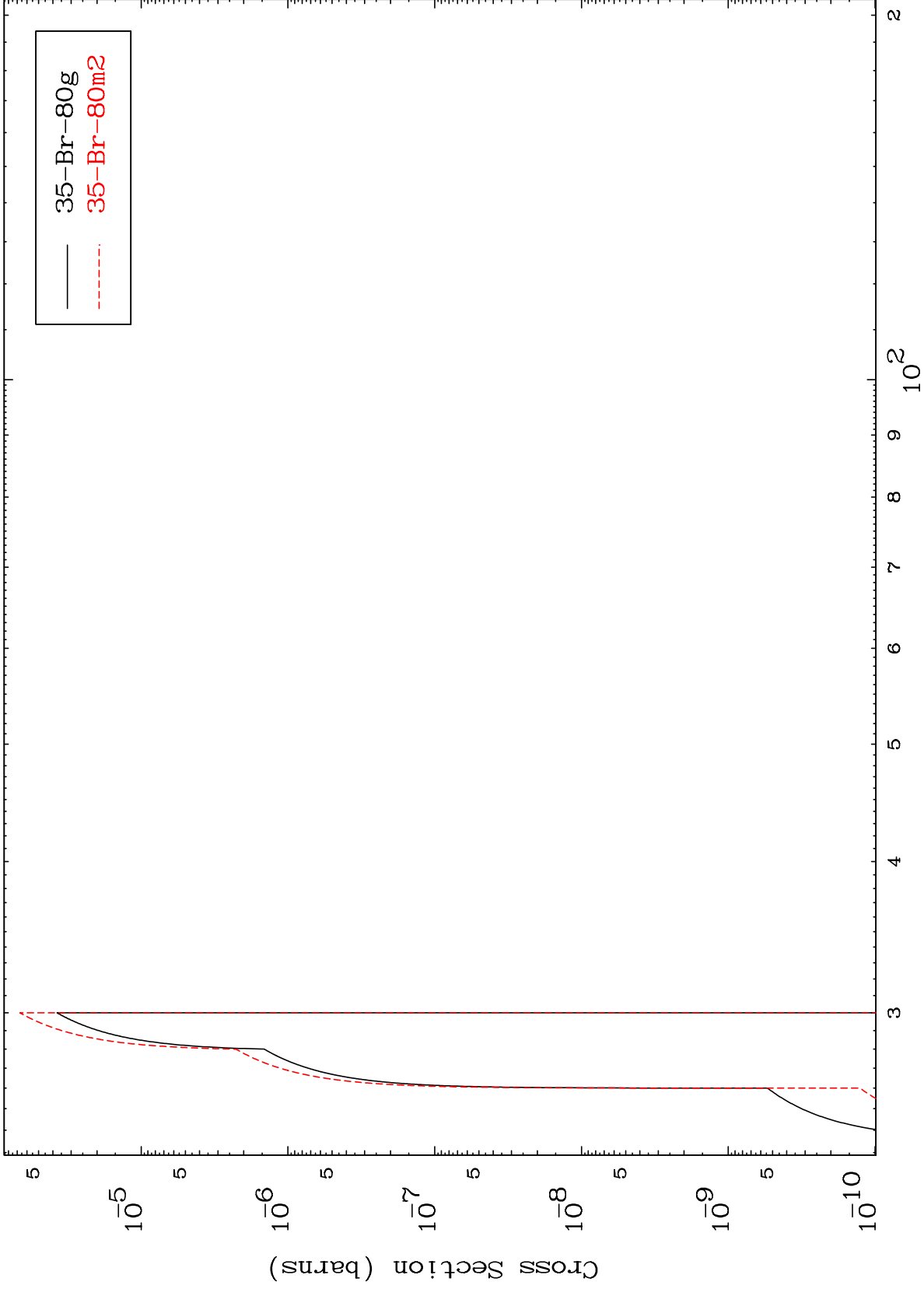
34-Se-80

MAT 3443

(α, n') t

³⁴Se-80

Radionuclide Production Cross Section



15

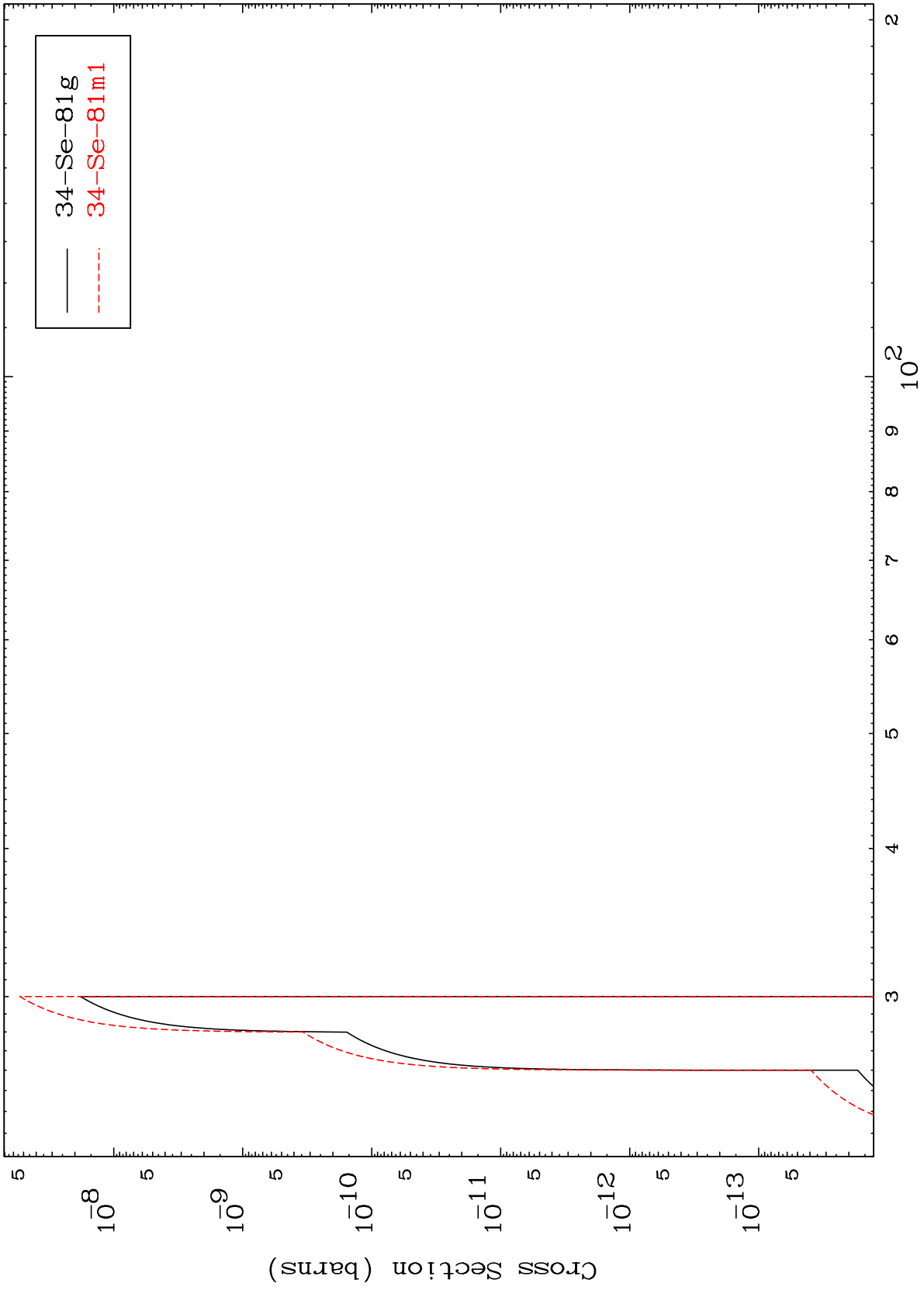
Incident Energy (MeV)

³⁴Se-80

MAT 3443

34-Se-80

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



16

Incident Energy (MeV)

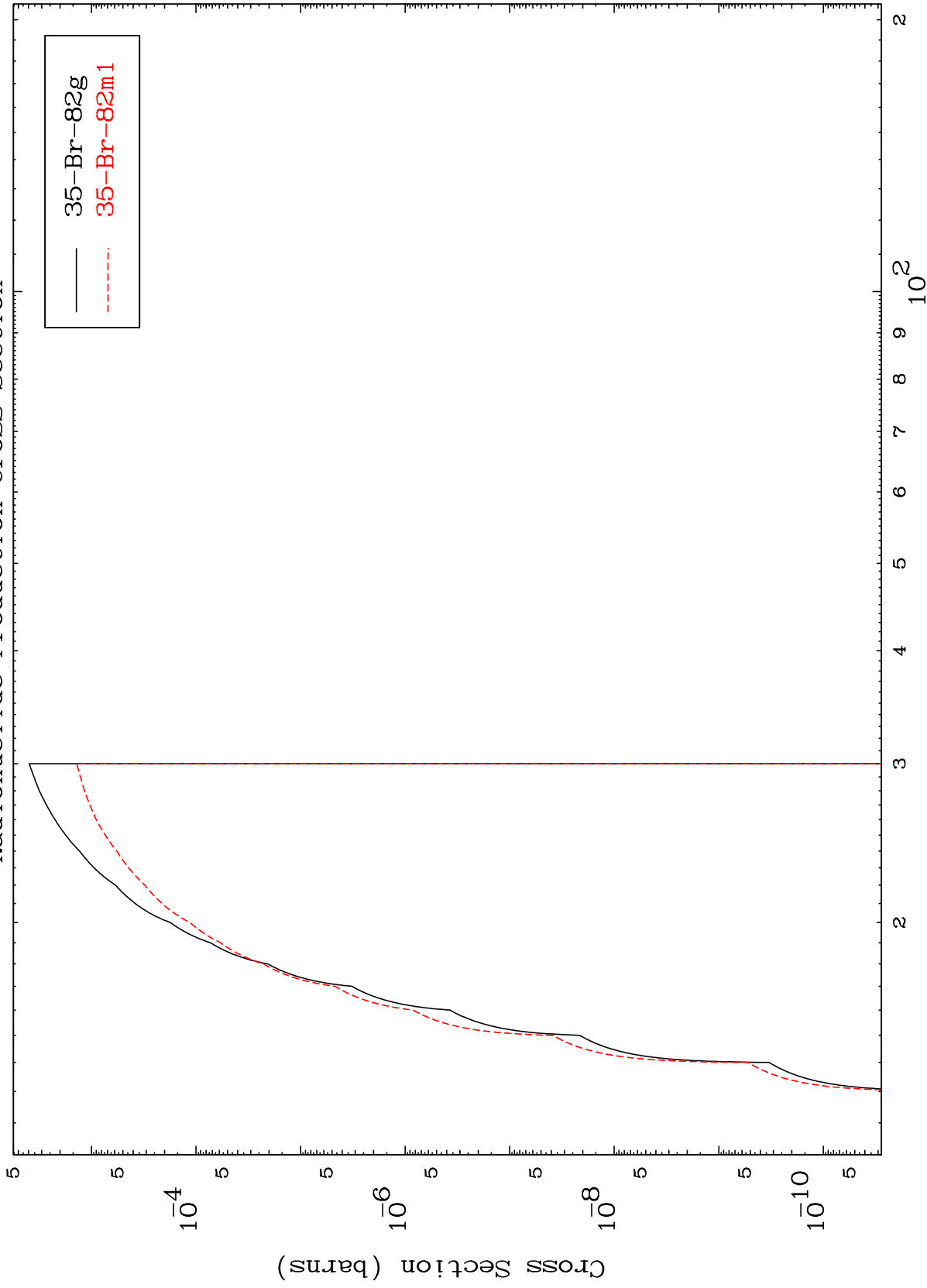
34-Se-80

MAT 3443

(α, d)

34-Se-80

Radionuclide Production Cross Section



17

Incident Energy (MeV)

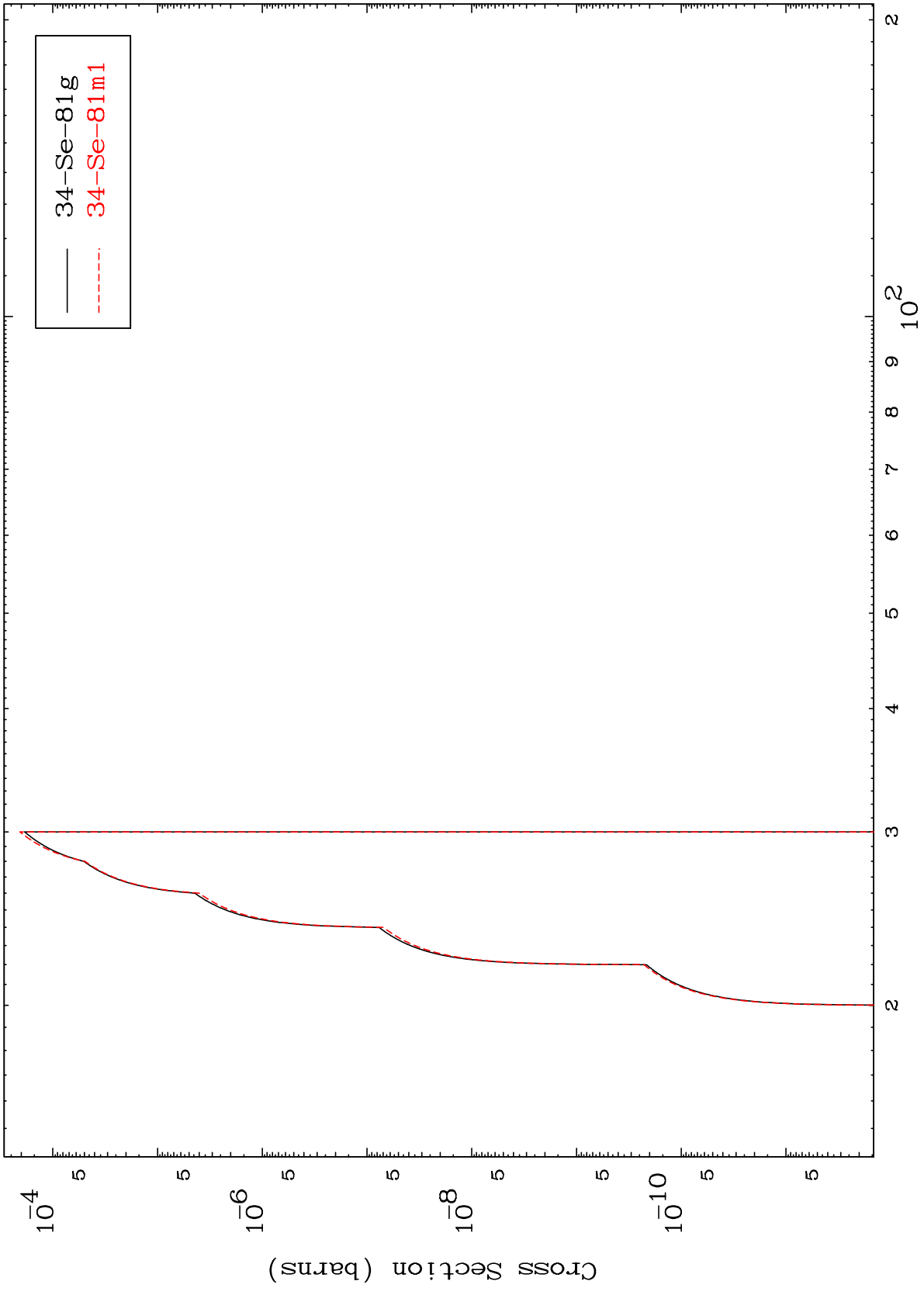
34-Se-80

MAT 3443

($\alpha, \text{He-3}$)

34-Se-80

Radionuclide Production Cross Section

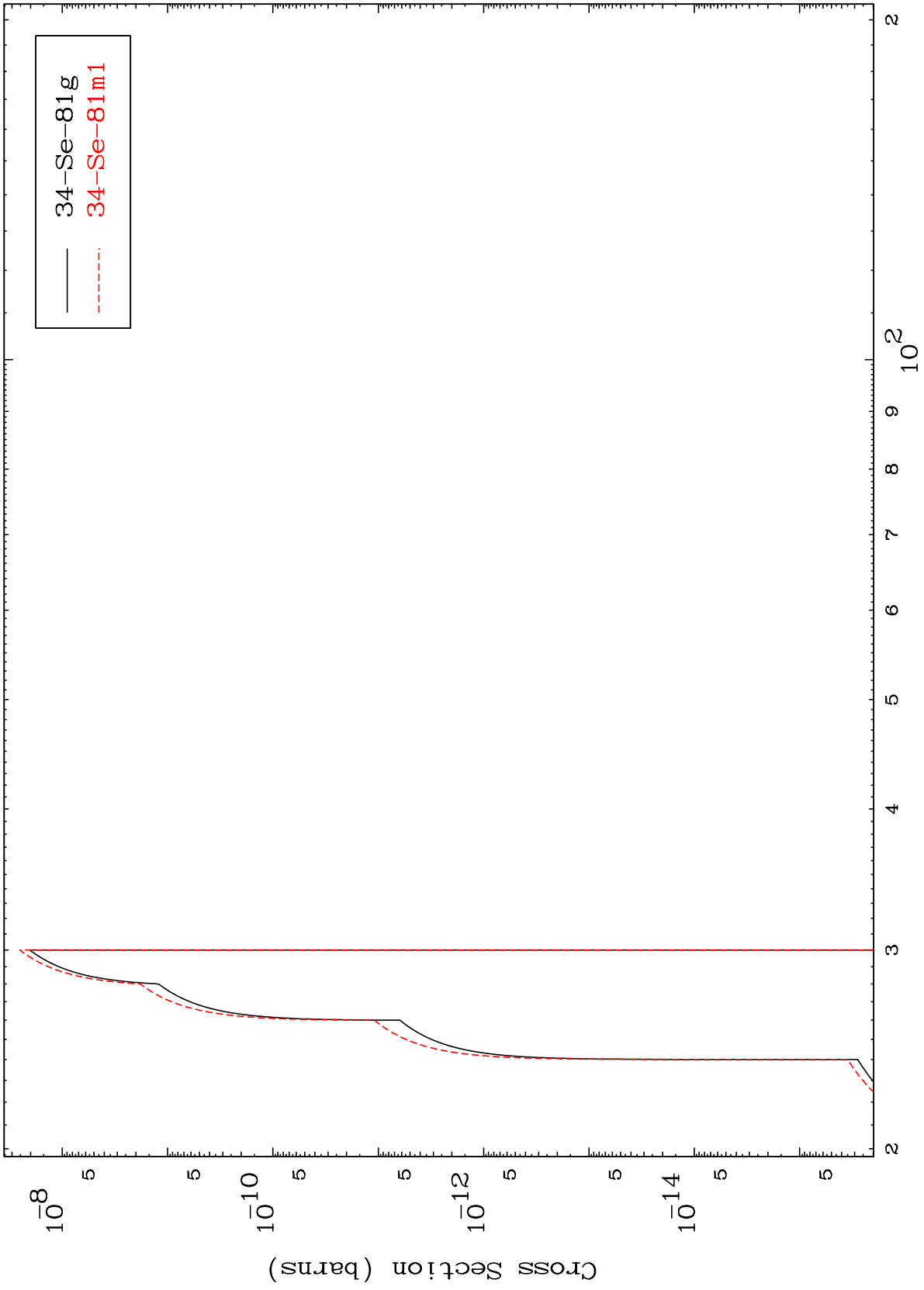


MAT 3443

(α, p) d

³⁴Se-80

Radionuclide Production Cross Section



19

Incident Energy (MeV)

³⁴Se-80