

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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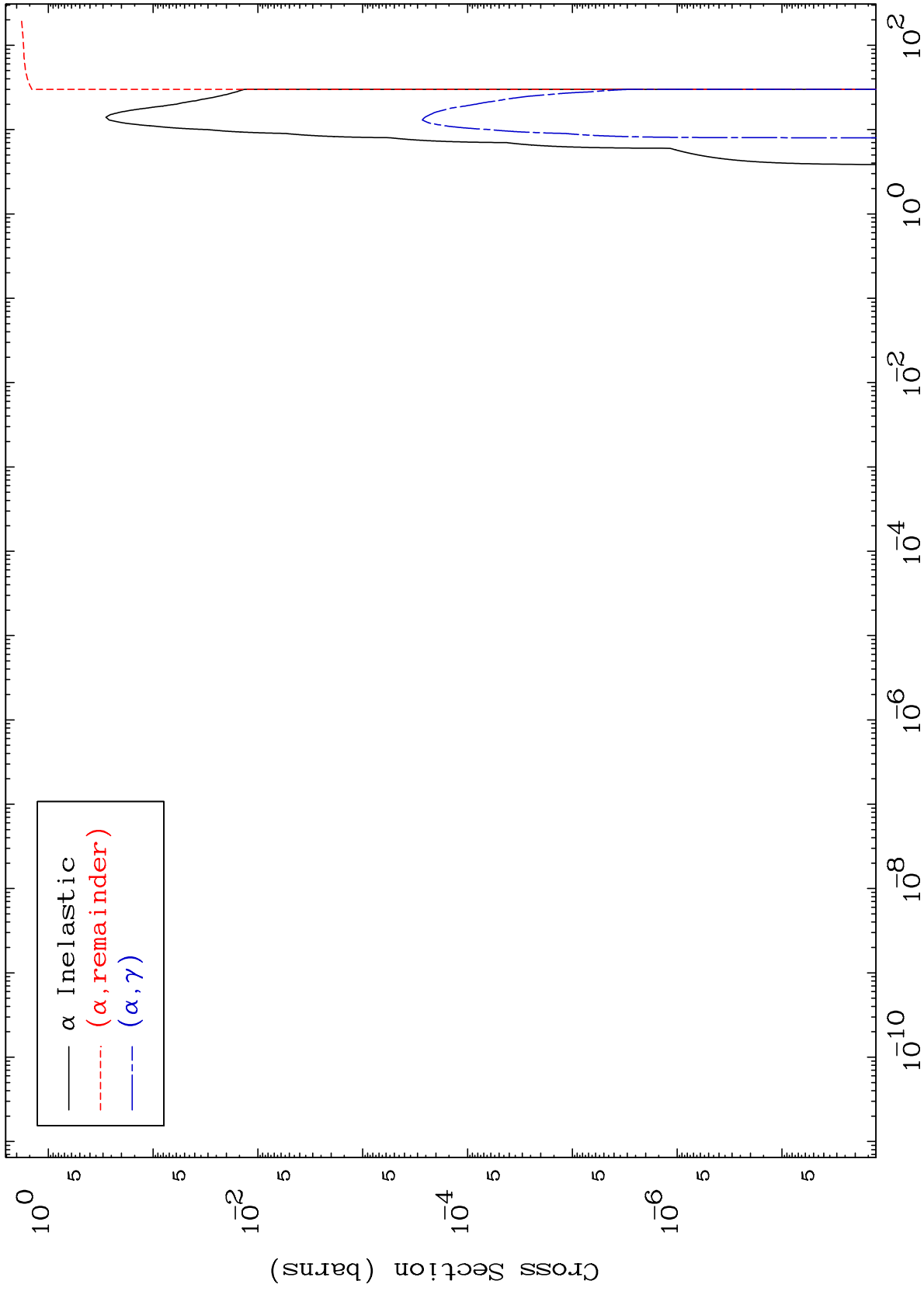
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

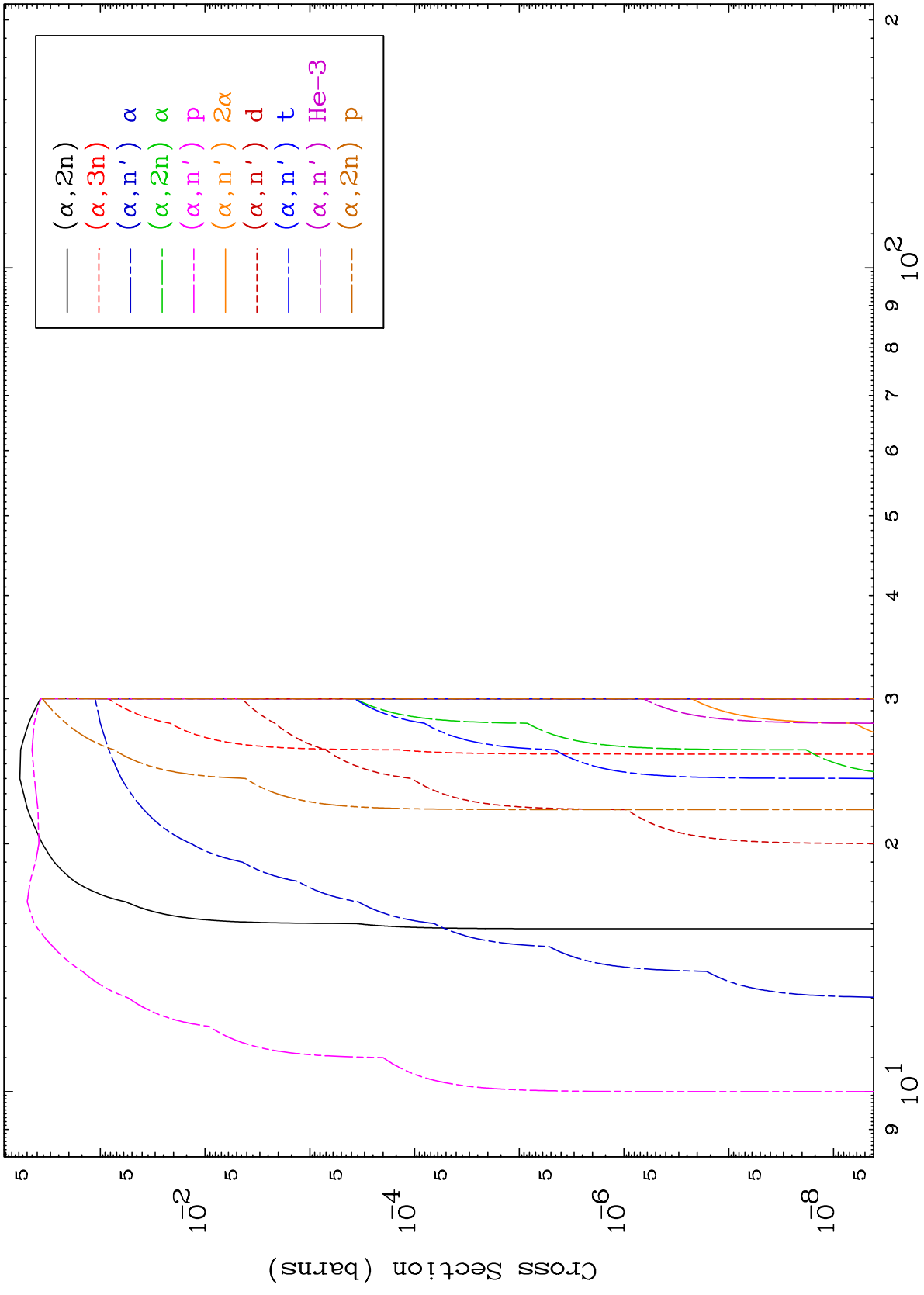
MAT 3522

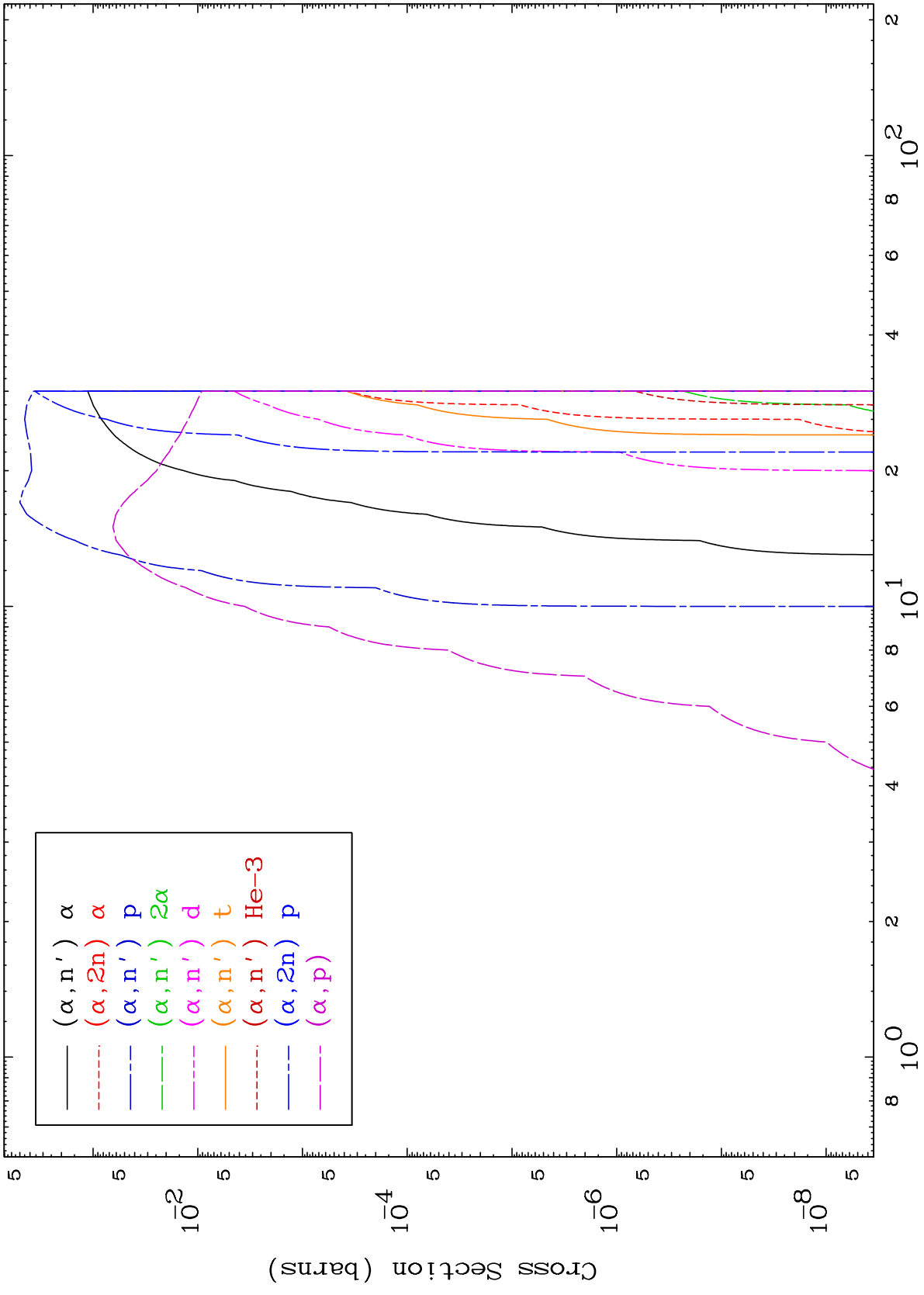
0 Kelvin α Major
Cross Sections

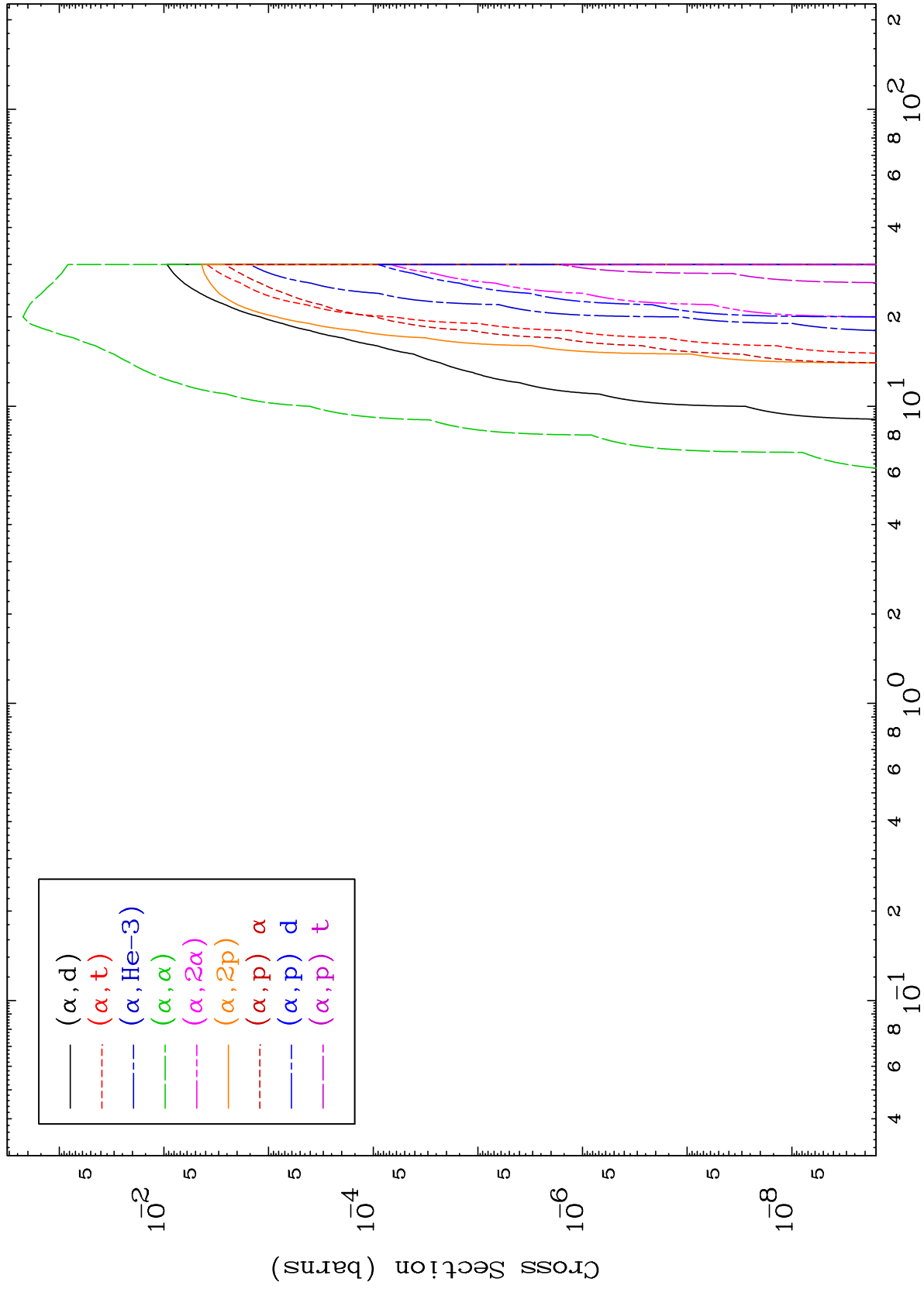
35-Br-78

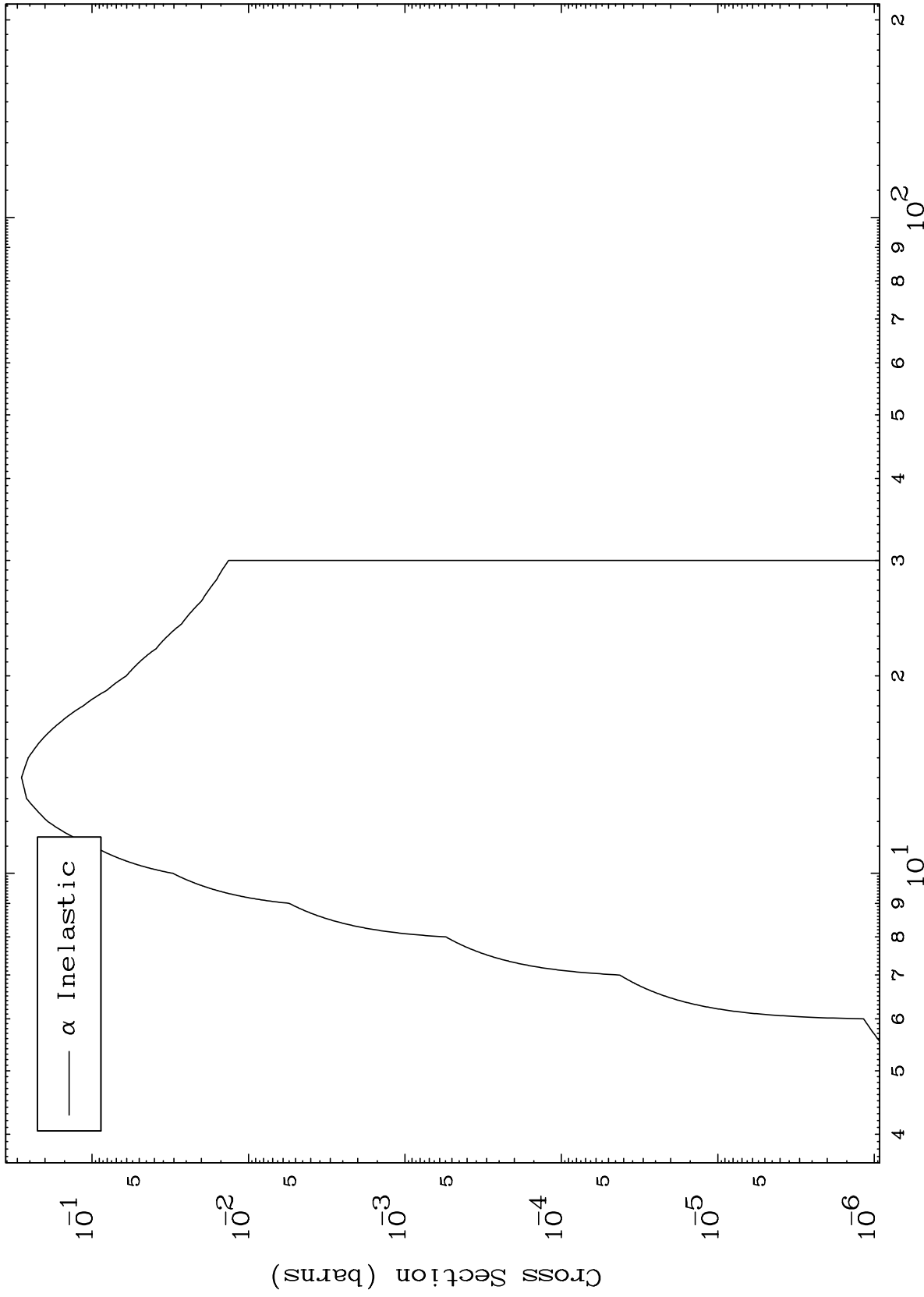


α Neutron Production
0 Kelvin Cross Sections





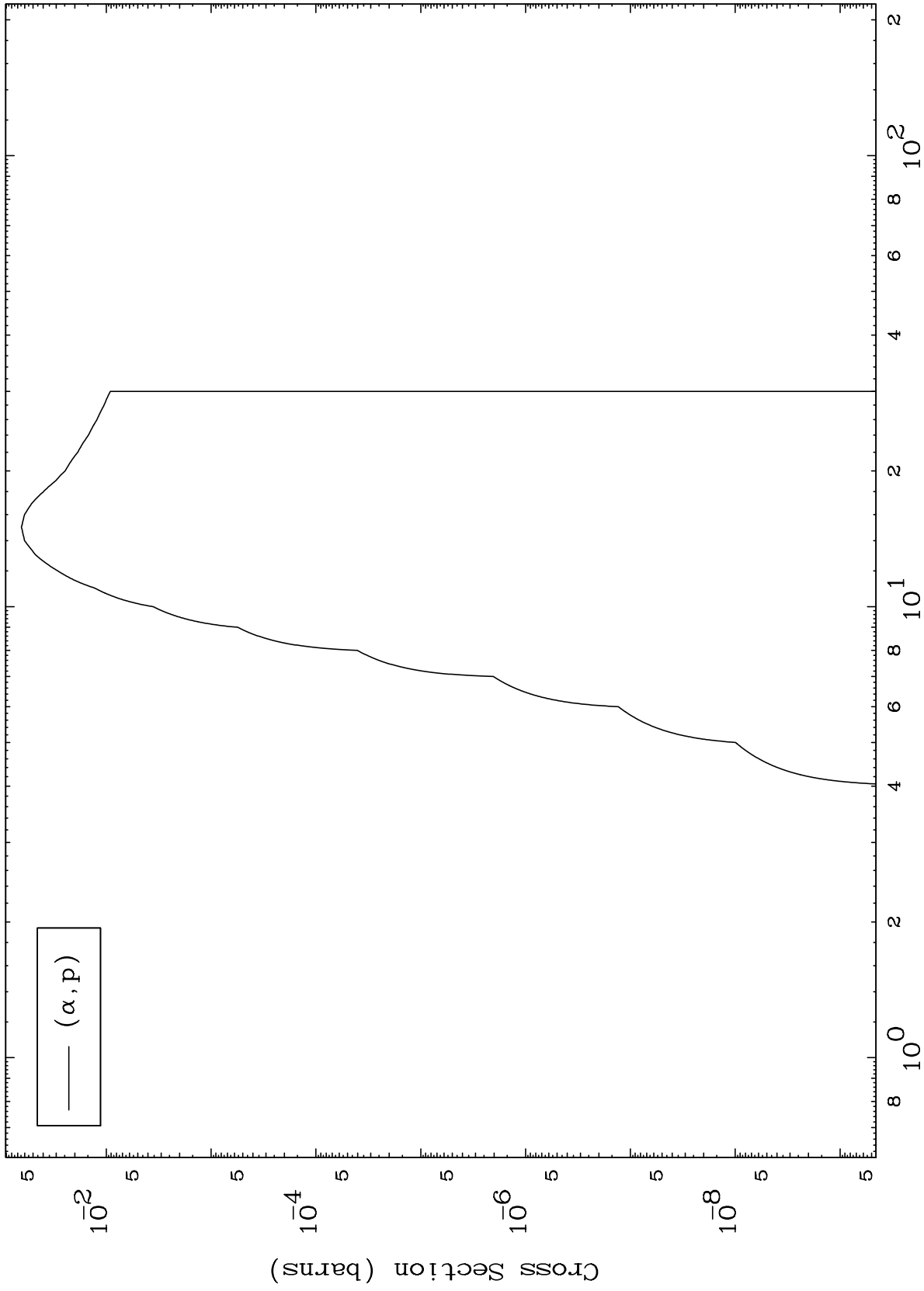




MAT 3522

35-Br-78

(α, p) Levels
0 Kelvin Cross Sections



6

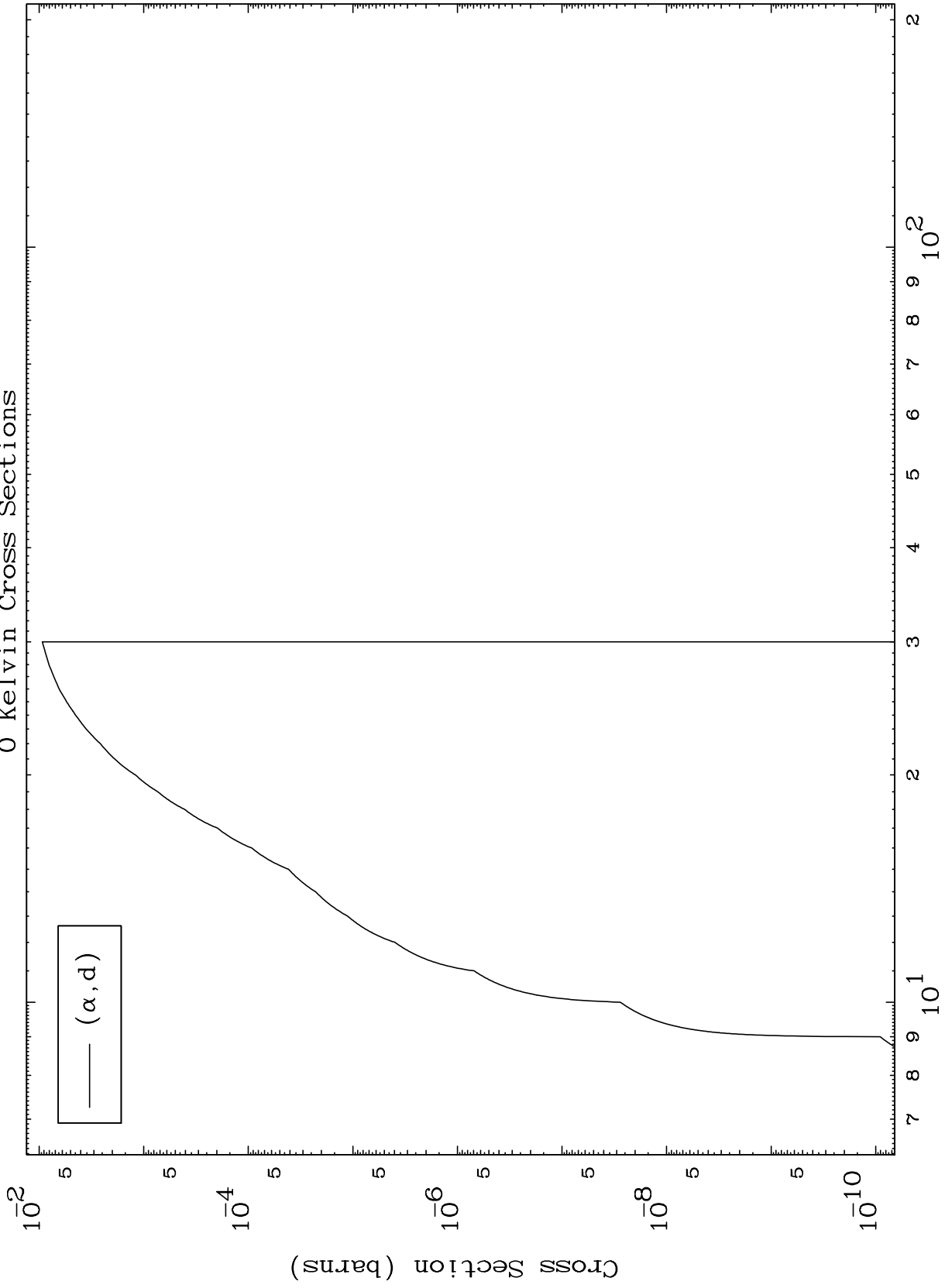
Incident Energy (MeV)

35-Br-78

MAT 3522

(α, d) Levels
0 Kelvin Cross Sections

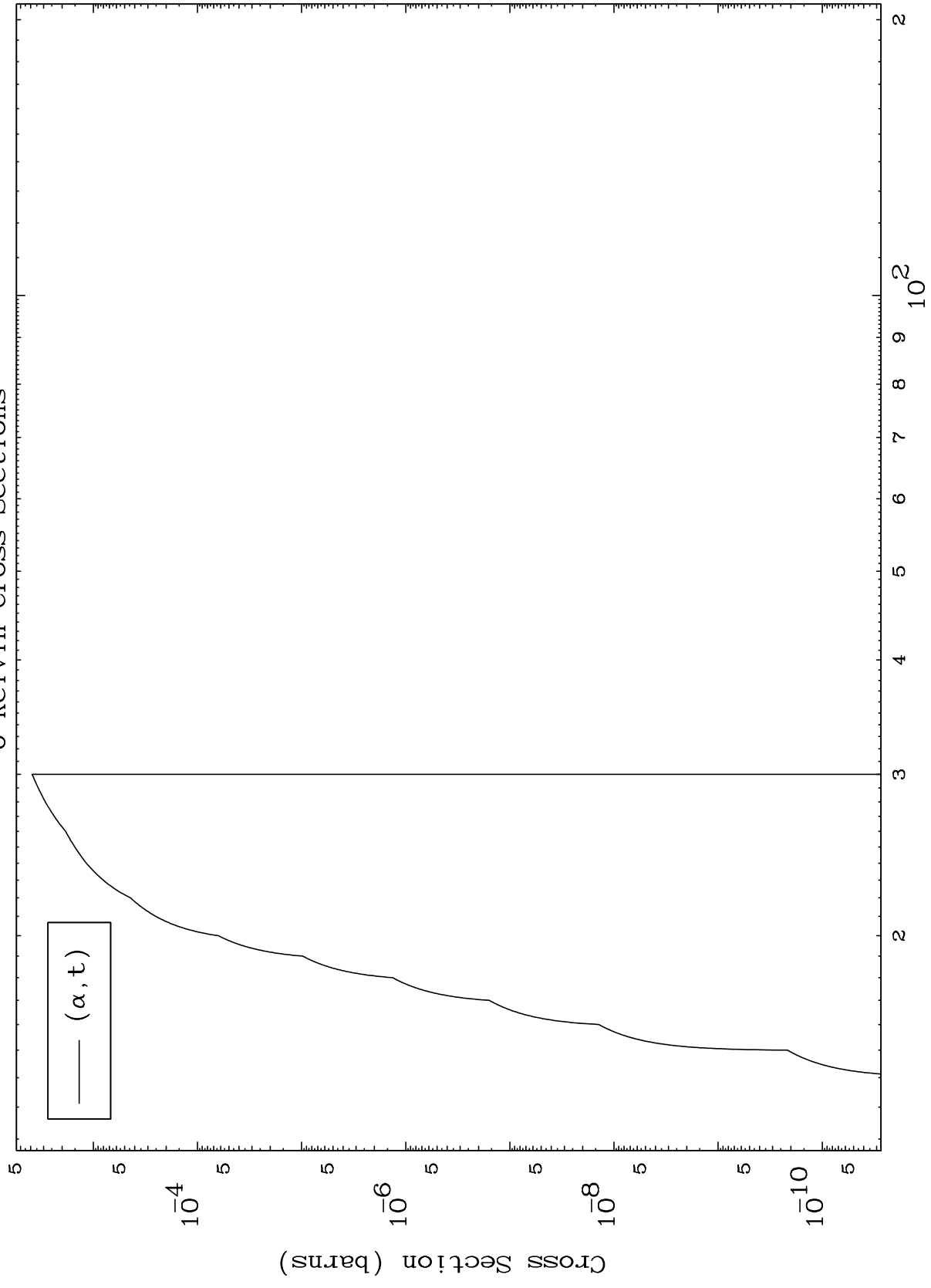
35-Br-78



7

Incident Energy (MeV)

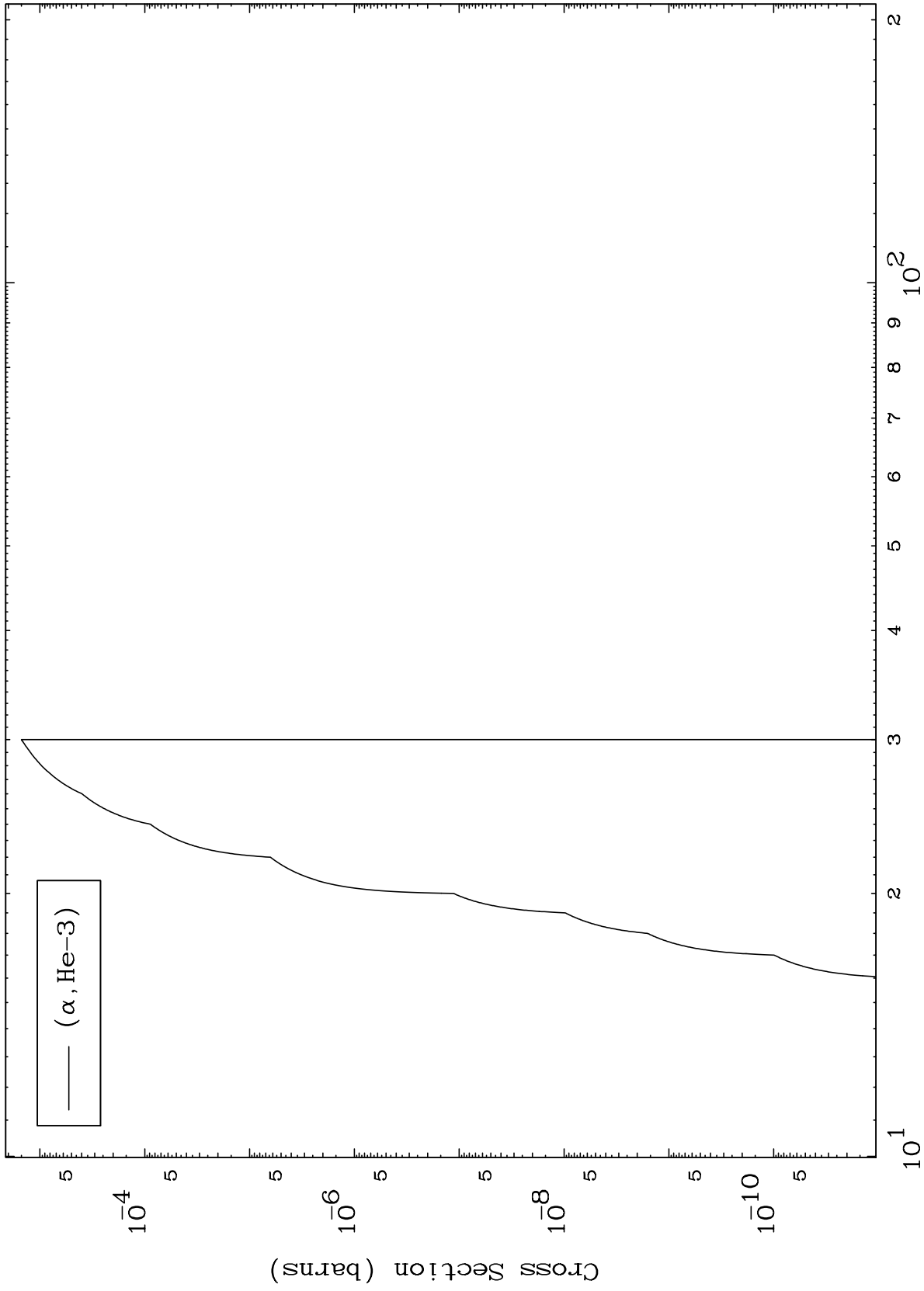
35-Br-78



MAT 3522

(α ,He3) Levels
0 Kelvin Cross Sections

35-Br-78



9

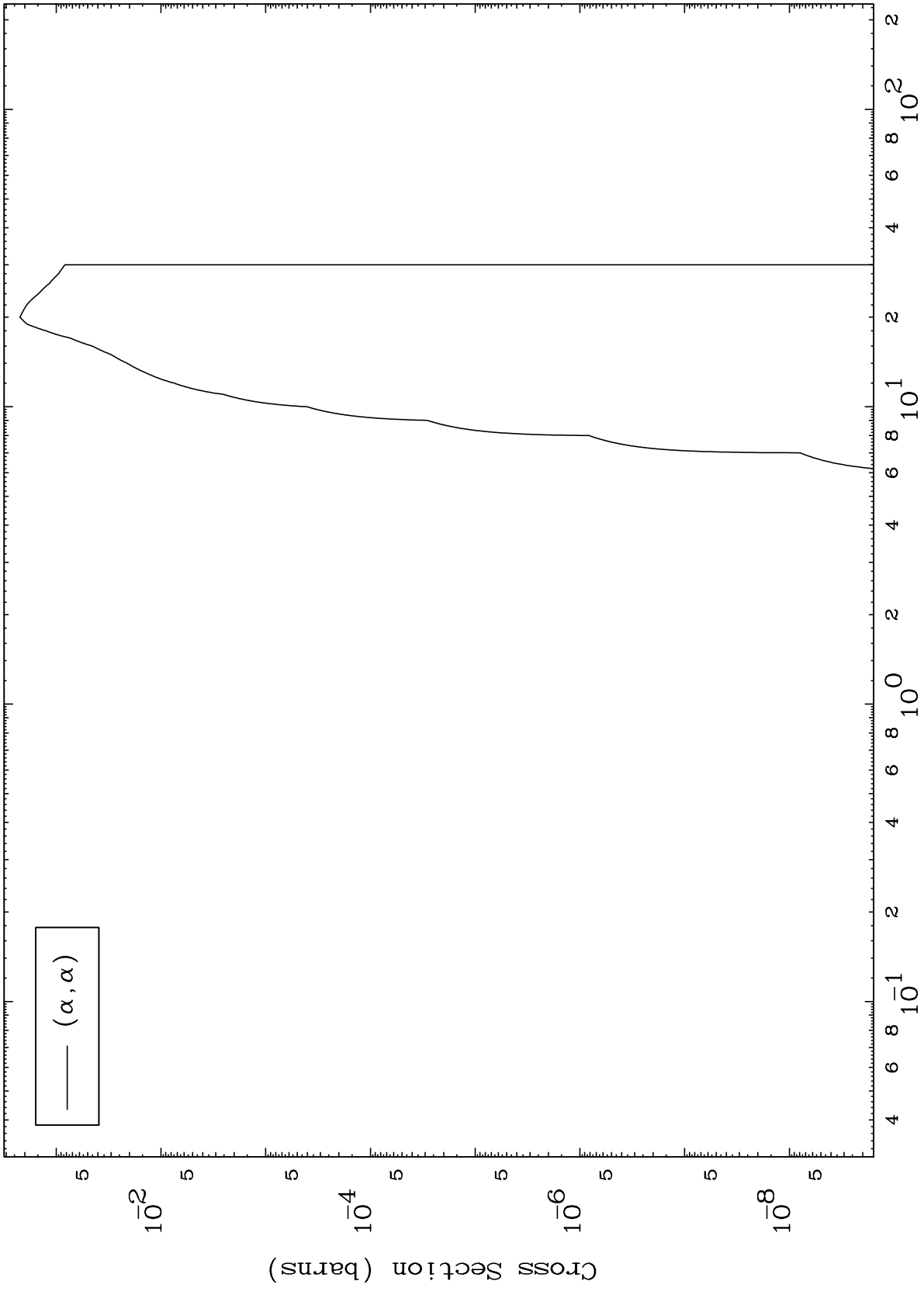
Incident Energy (MeV)

35-Br-78

MAT 3522

(α, α) Levels
0 Kelvin Cross Sections

35-Br-78



10

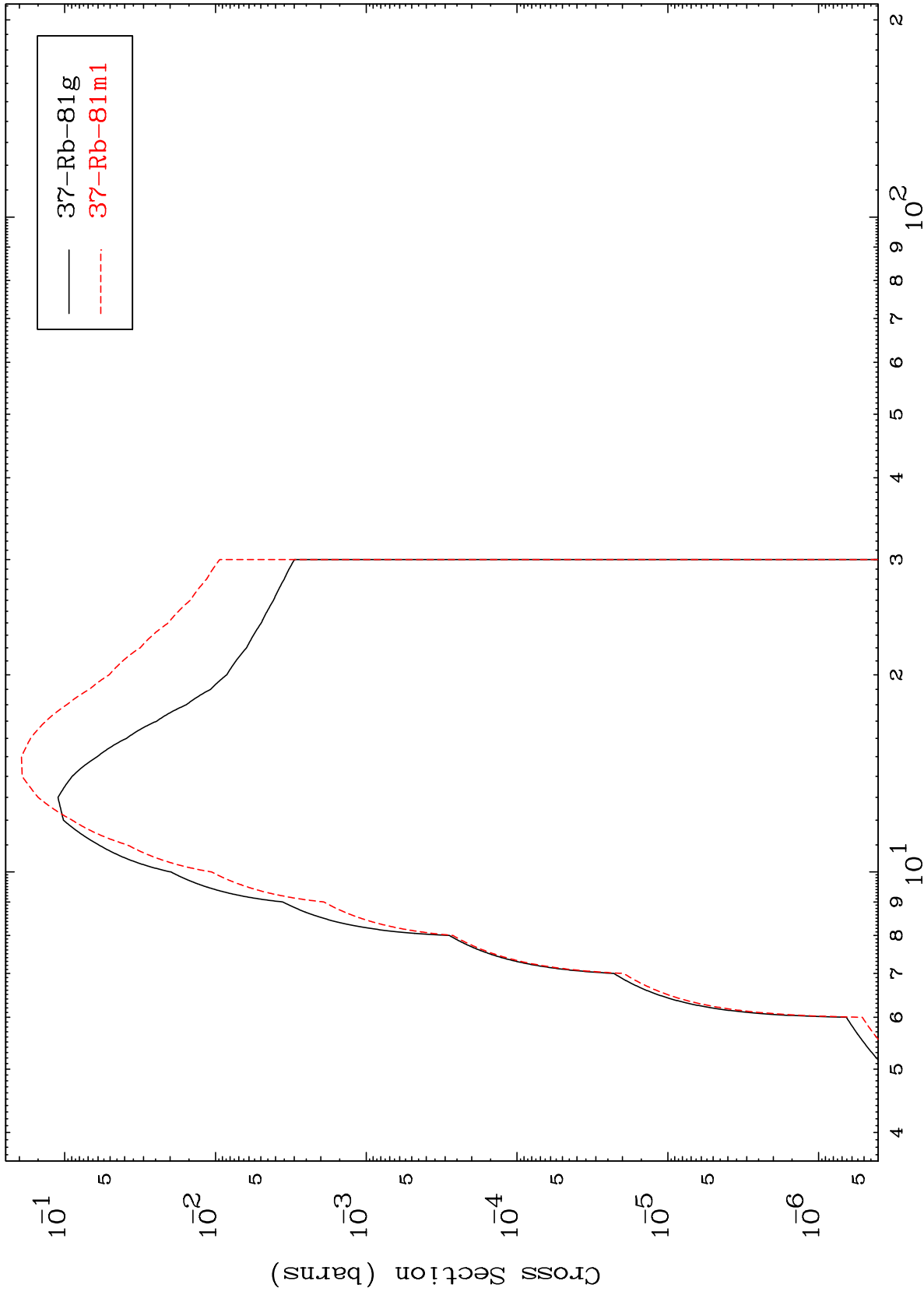
Incident Energy (MeV)

35-Br-78

MAT 3522

α Inelastic
Radionuclide Production Cross Section

35-Br-78



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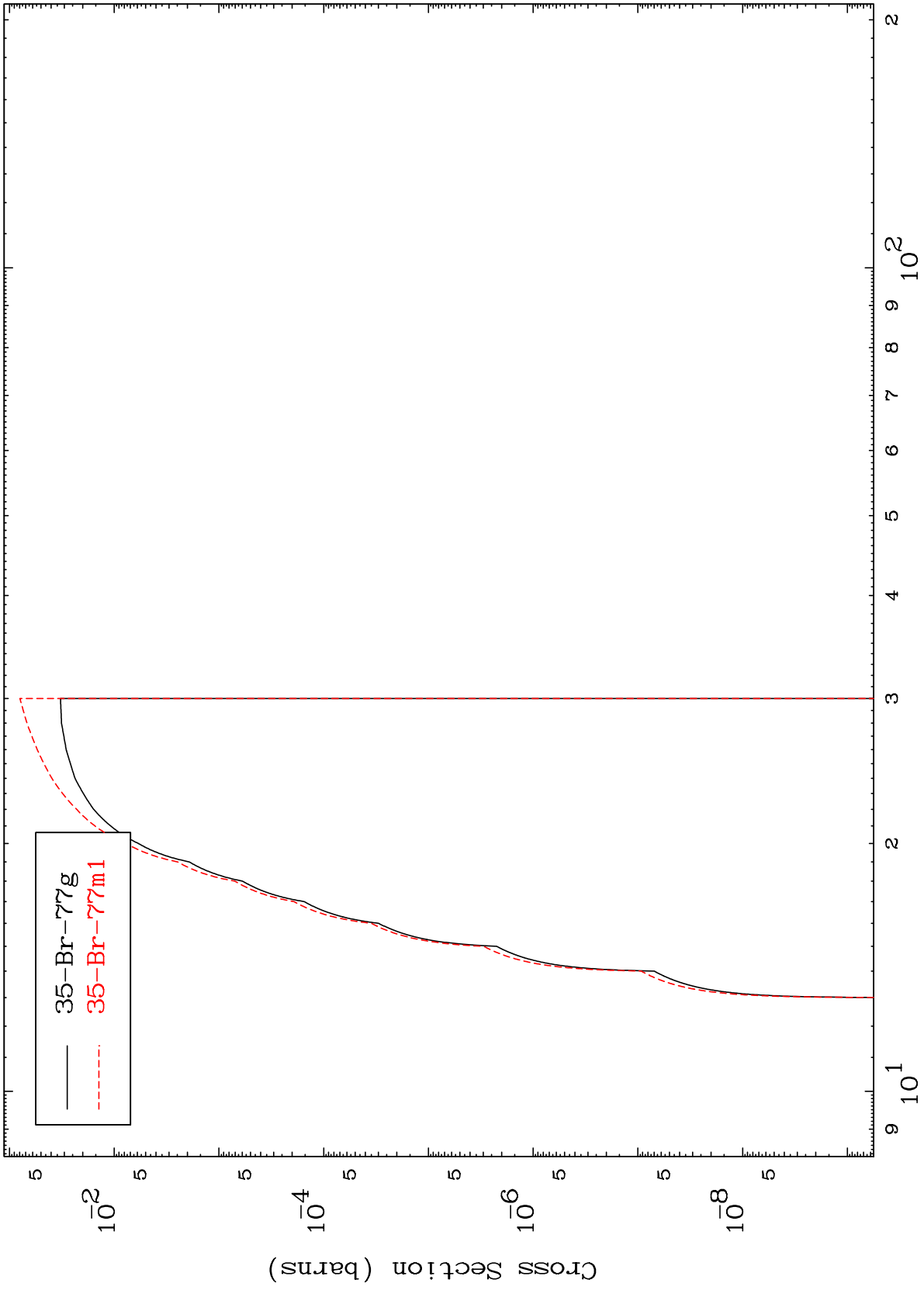
Incident Energy (MeV)

35-Br-78

MAT 3522

35-Br-78

(α, n') α
Radionuclide Production Cross Section



12

Incident Energy (MeV)

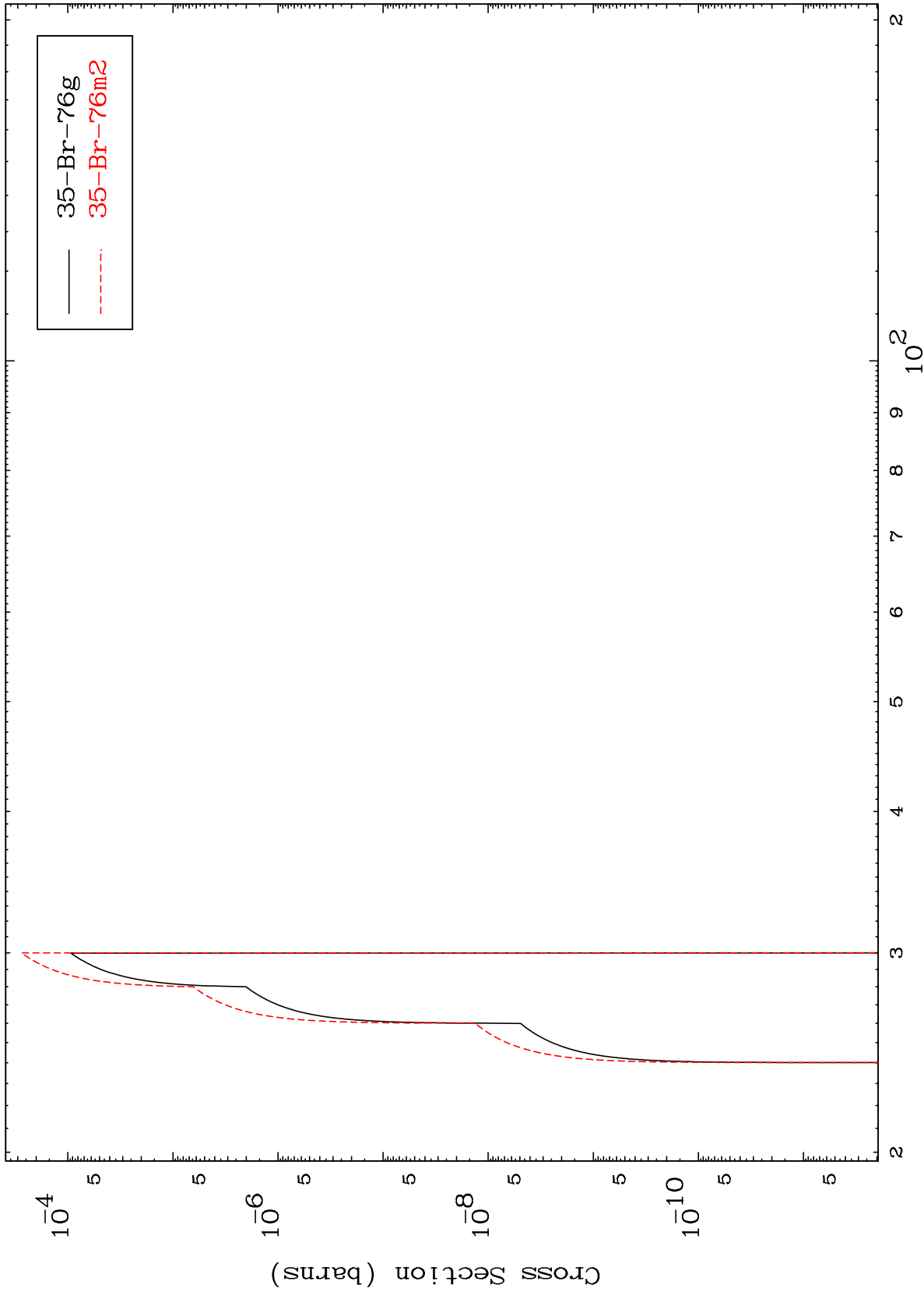
35-Br-78

MAT 3522

$(\alpha, 2n) \alpha$

35-Br-78

Radionuclide Production Cross Section



13

Incident Energy (MeV)

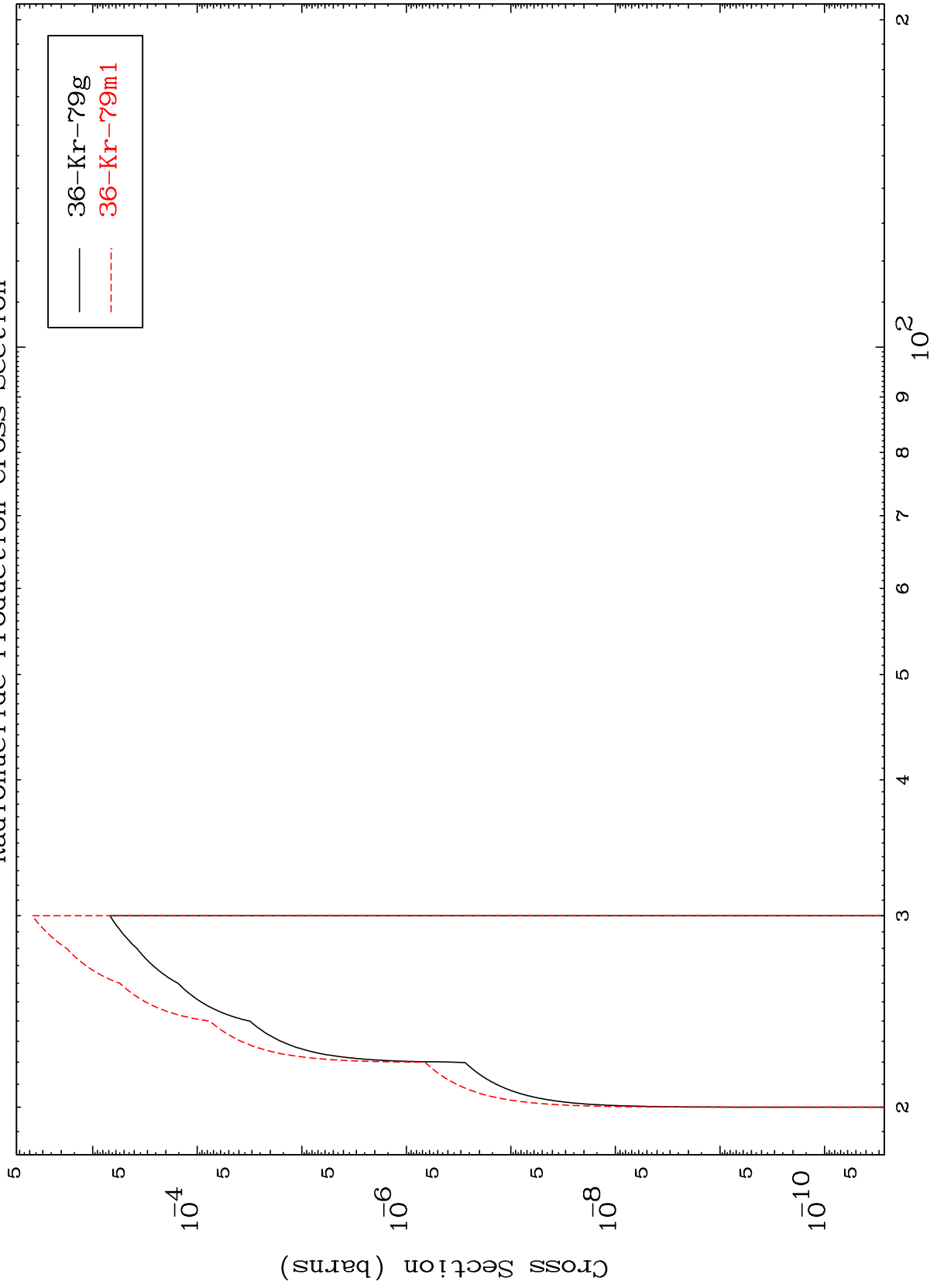
35-Br-78

MAT 3522

(α, n') d

35-Br-78

Radionuclide Production Cross Section



14

Incident Energy (MeV)

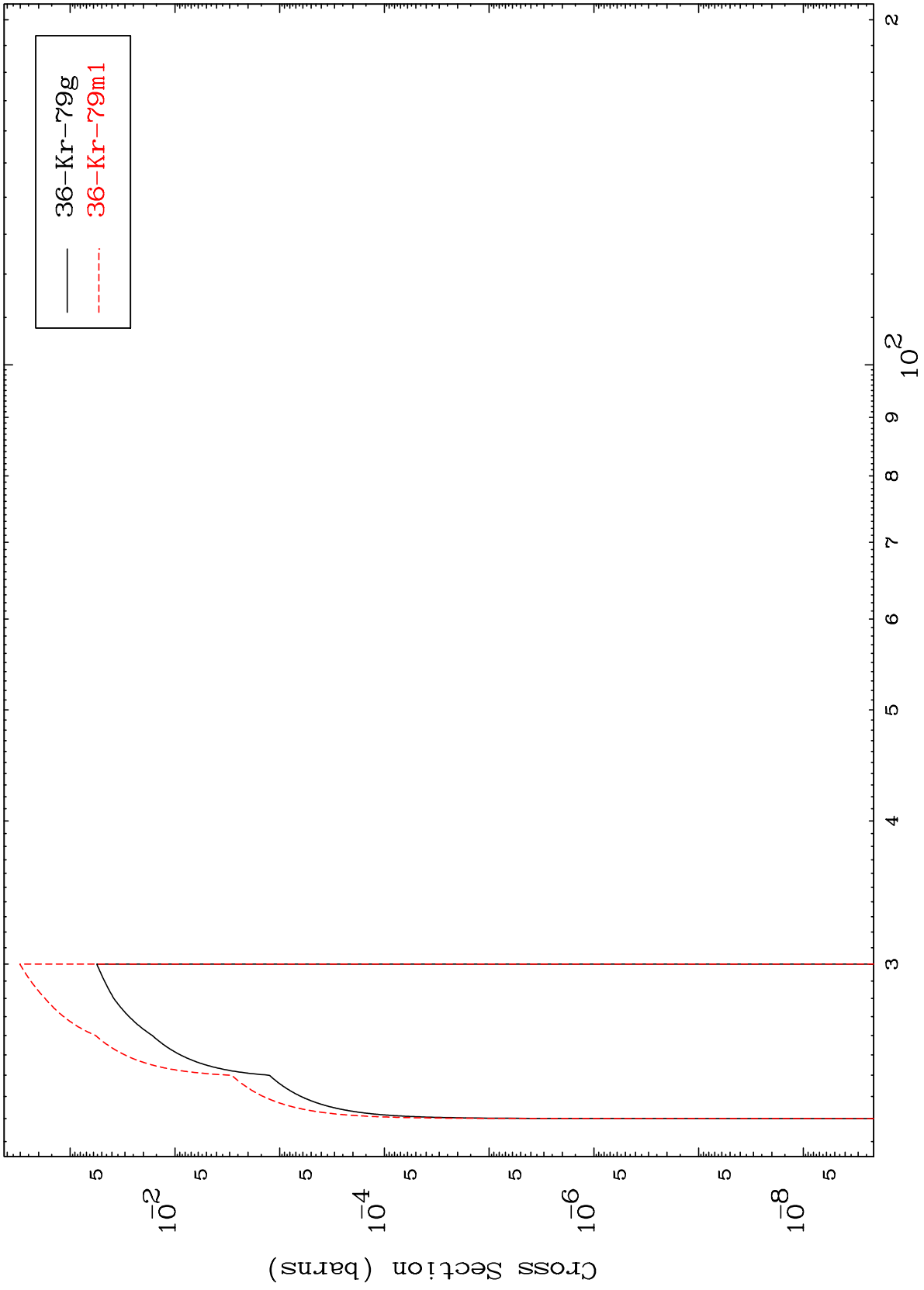
35-Br-78

MAT 3522

($\alpha, 2n$) p

35-Br-78

Radionuclide Production Cross Section



15

Incident Energy (MeV)

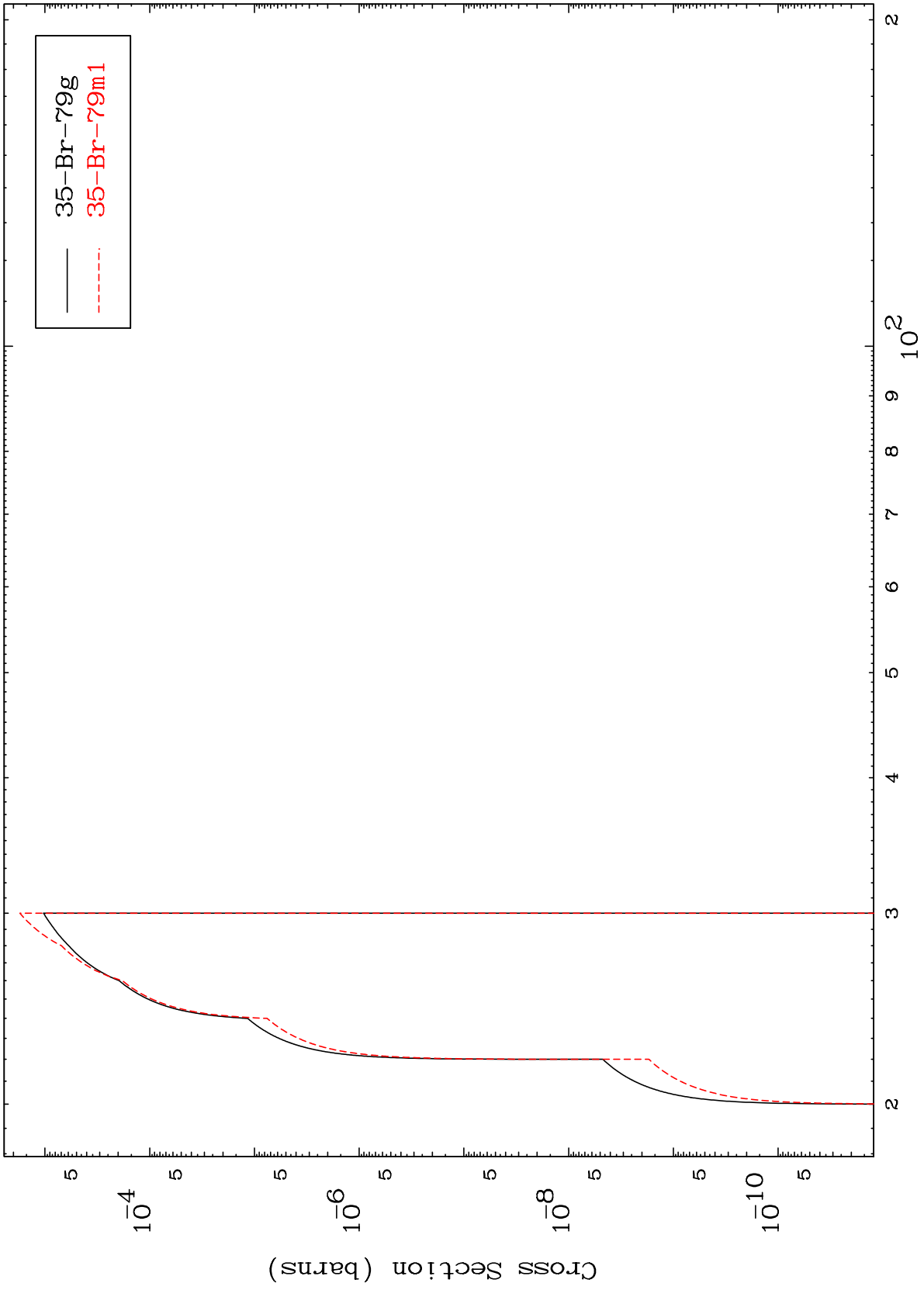
35-Br-78

MAT 3522

($\alpha, 2n$) p

³⁵Br-78

Radionuclide Production Cross Section



16

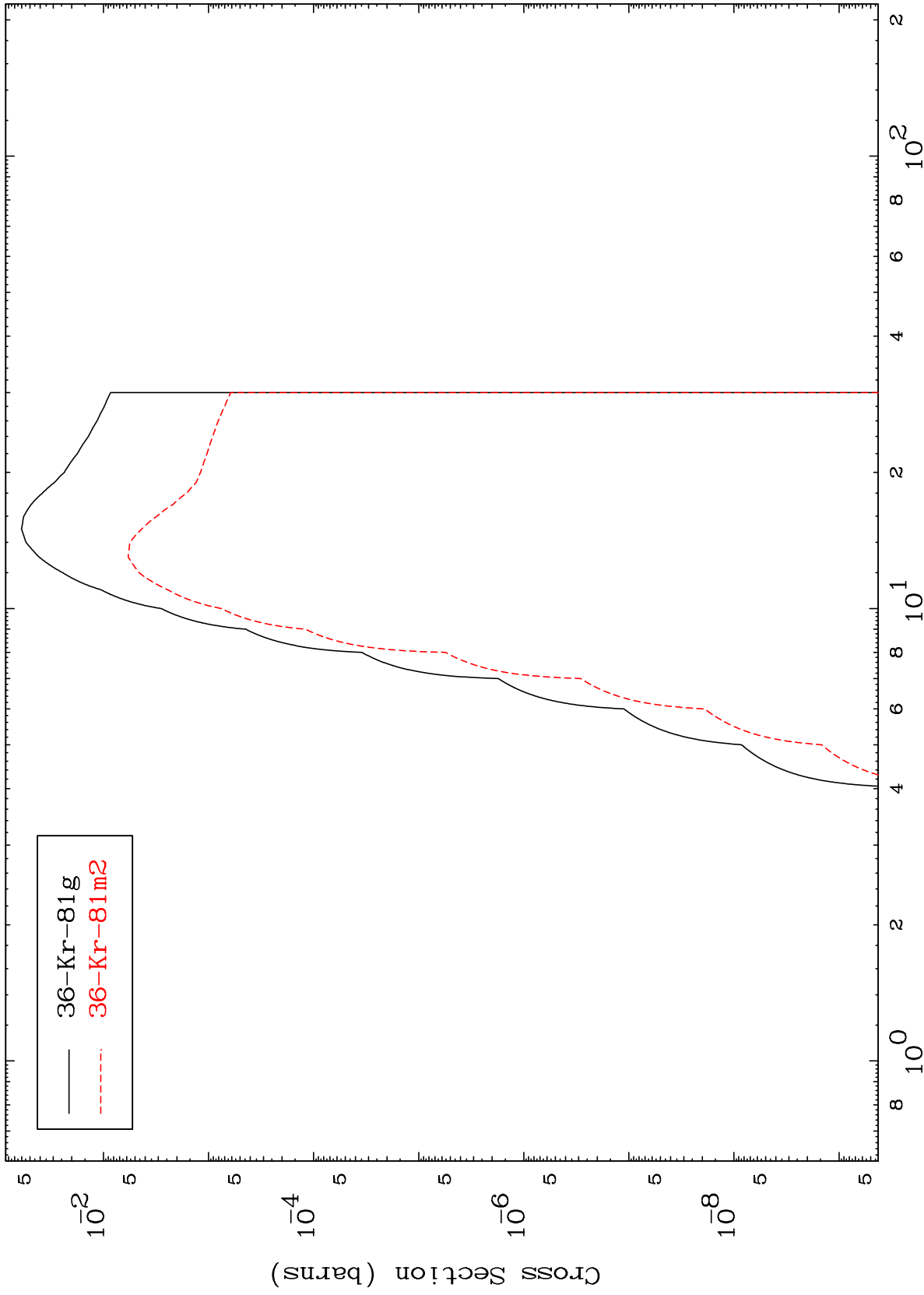
Incident Energy (MeV)

³⁵Br-78

MAT 3522

³⁵Br-78

(α, p)
Radionuclide Production Cross Section



— 36-Kr-81g
- - - 36-Kr-81m2

18

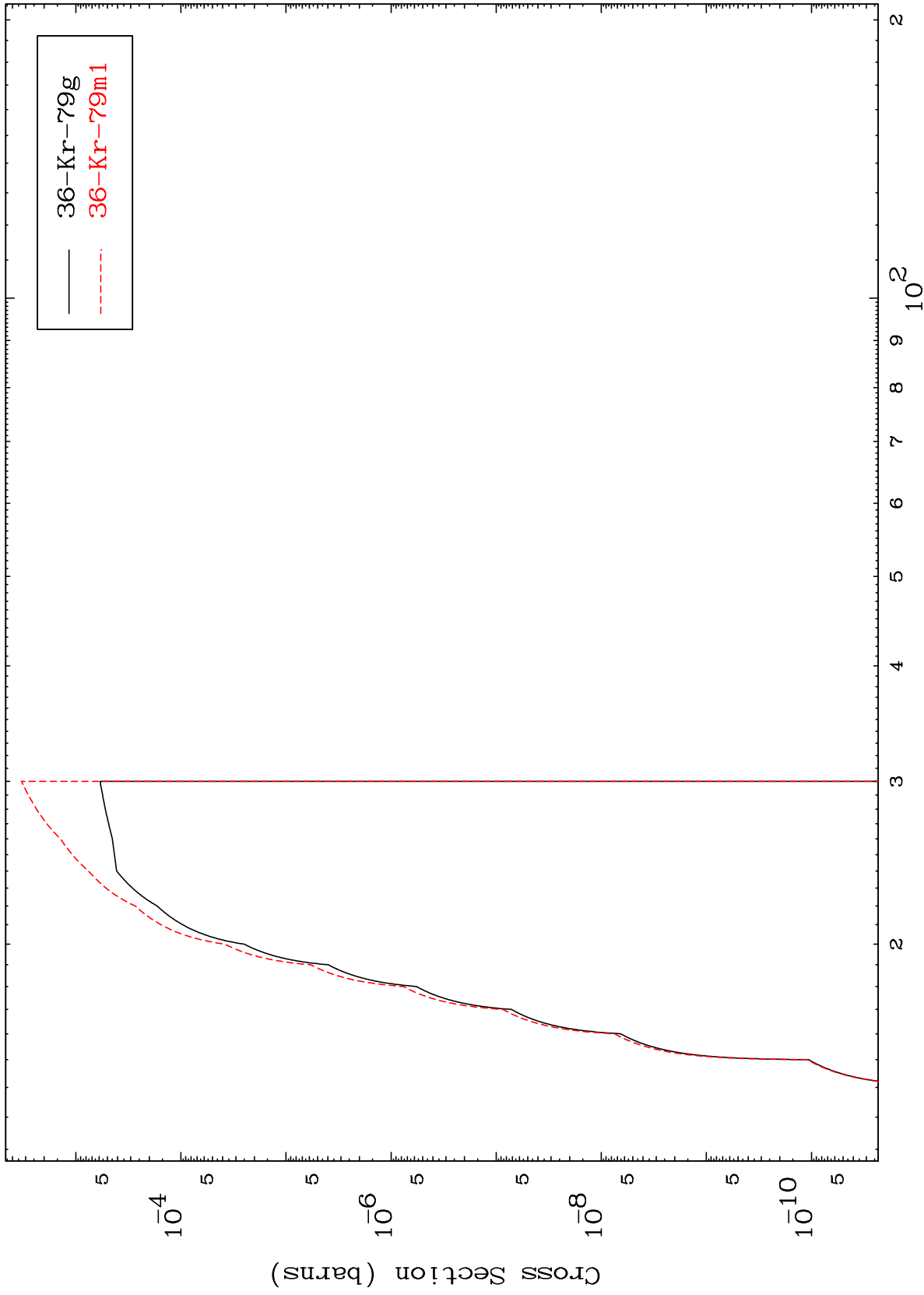
Incident Energy (MeV)

³⁵Br-78

MAT 3522

35-Br-78

(α, t)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

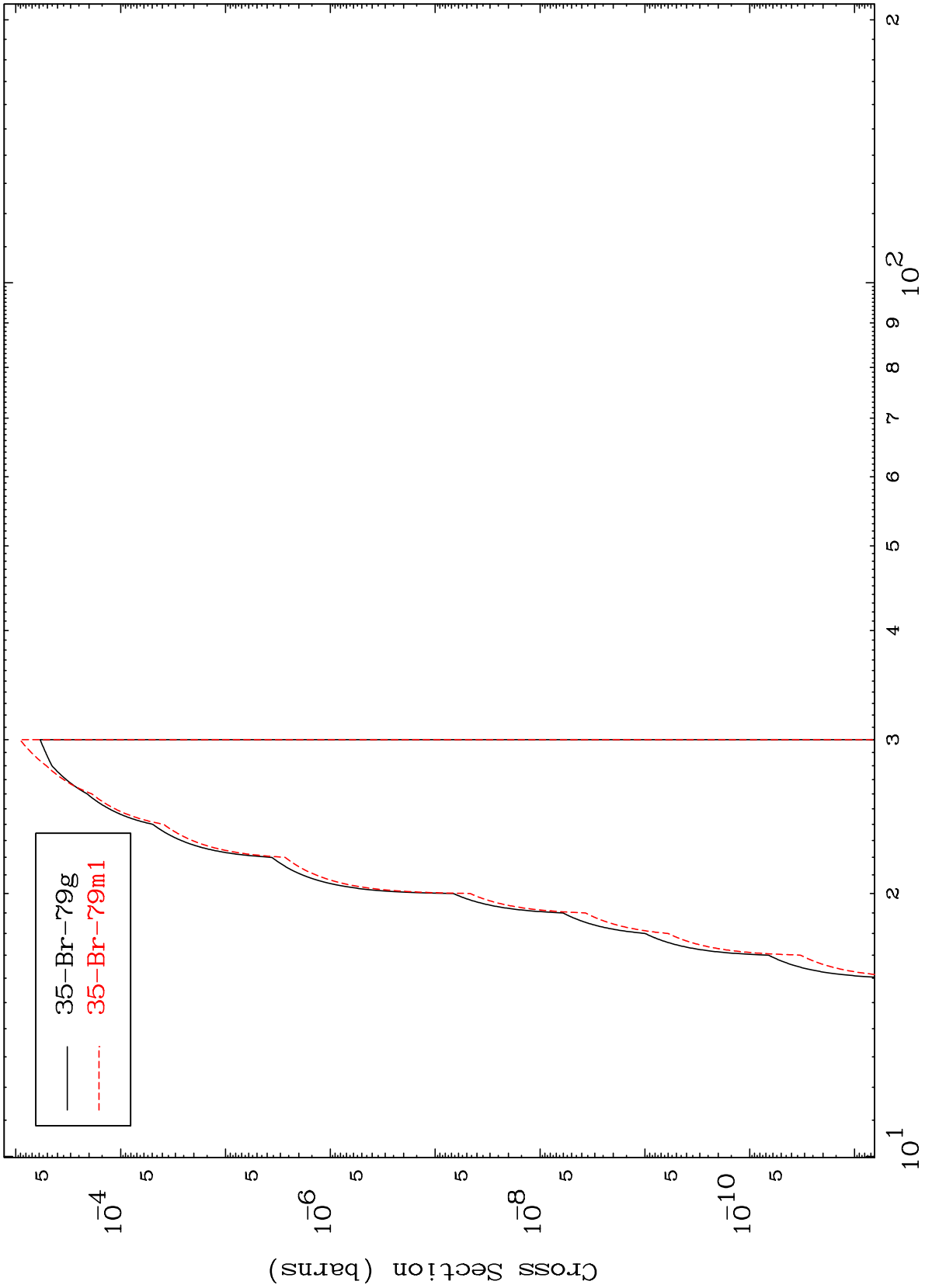
35-Br-78

MAT 3522

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

35-Br-78

Radionuclide Production Cross Section



20

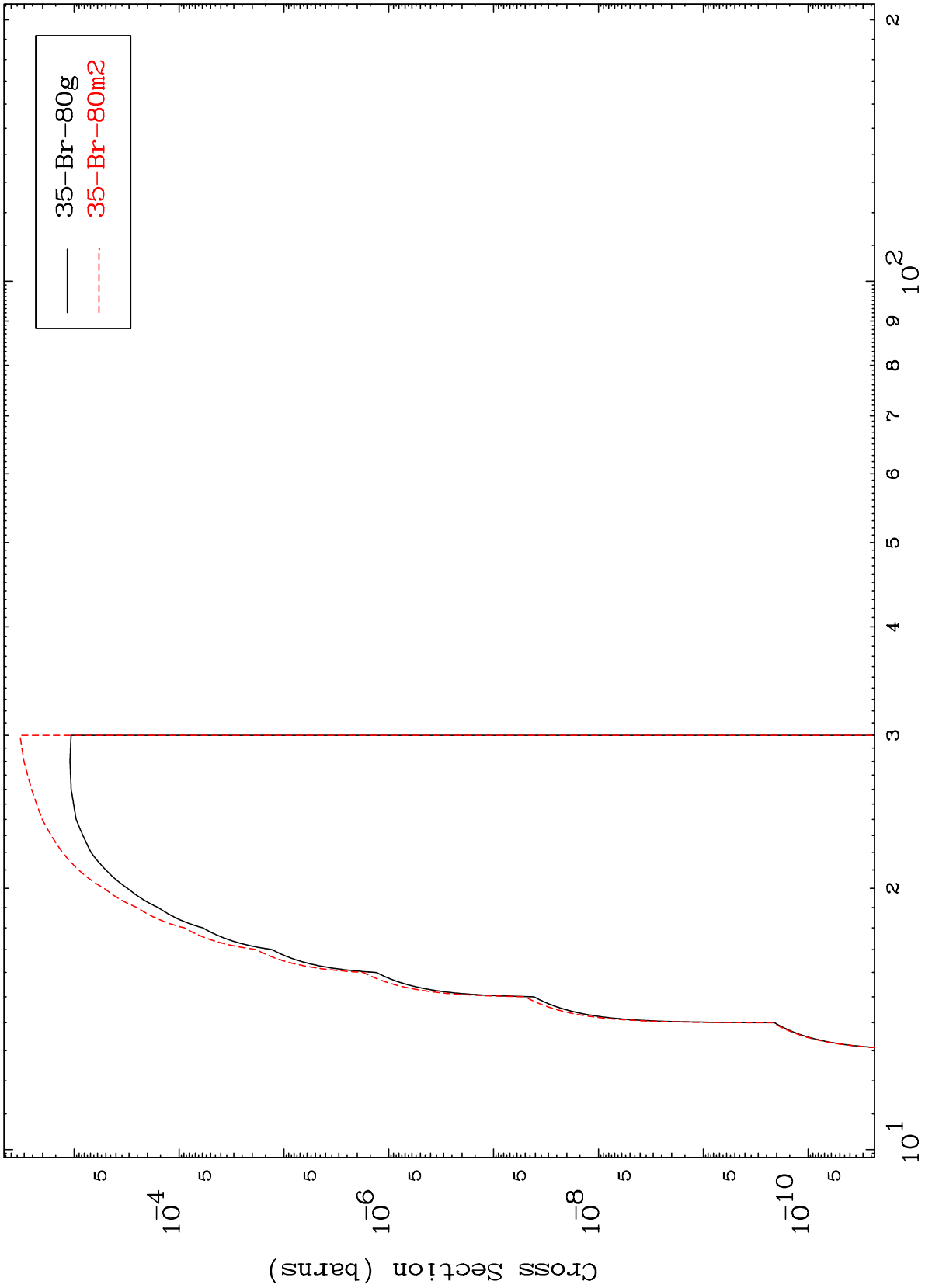
Incident Energy (MeV)

35-Br-78

MAT 3522

35-Br-78

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



35-Br-78

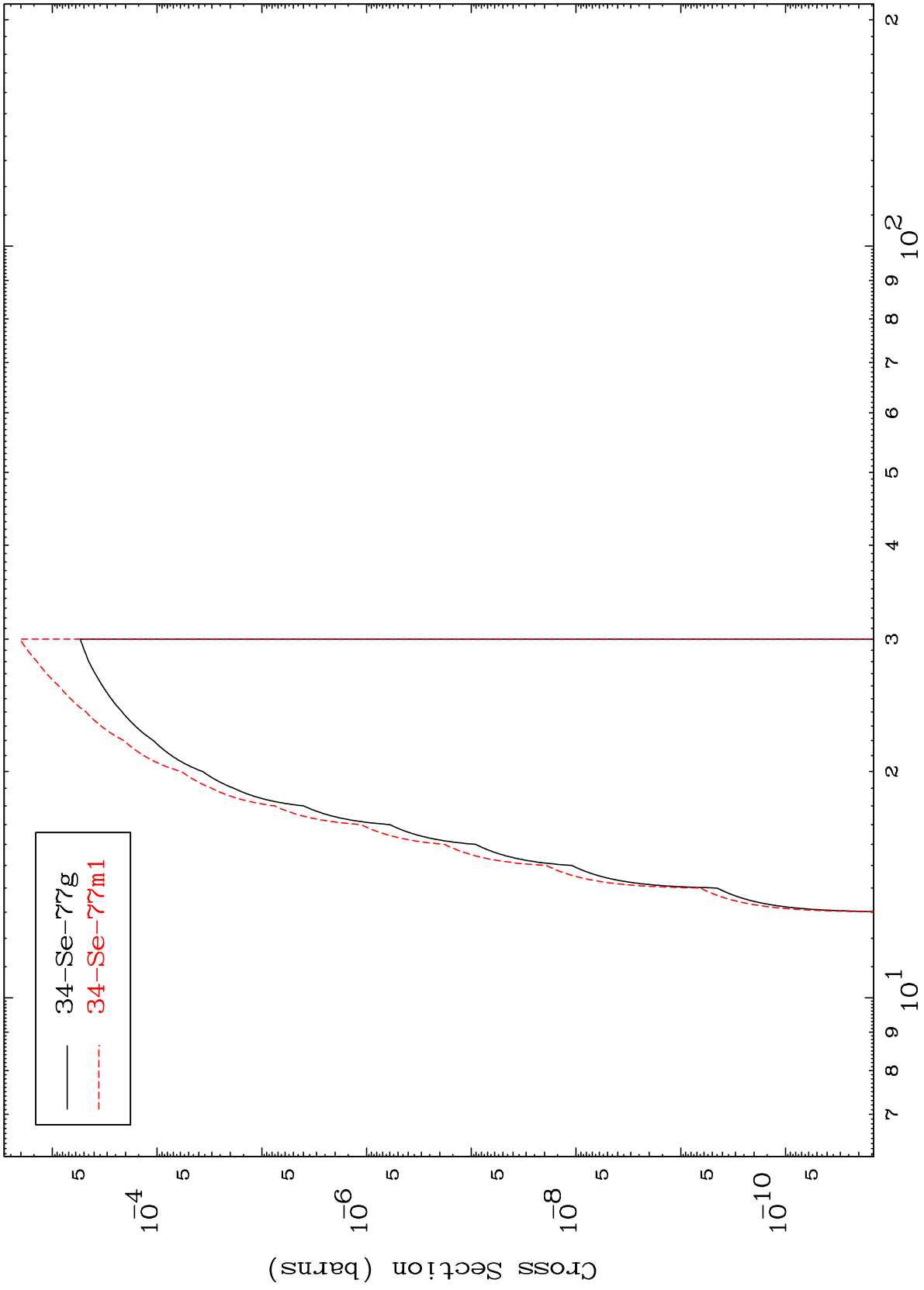
Incident Energy (MeV)

21

MAT 3522

35-Br-78

(α, p) α
Radionuclide Production Cross Section



22

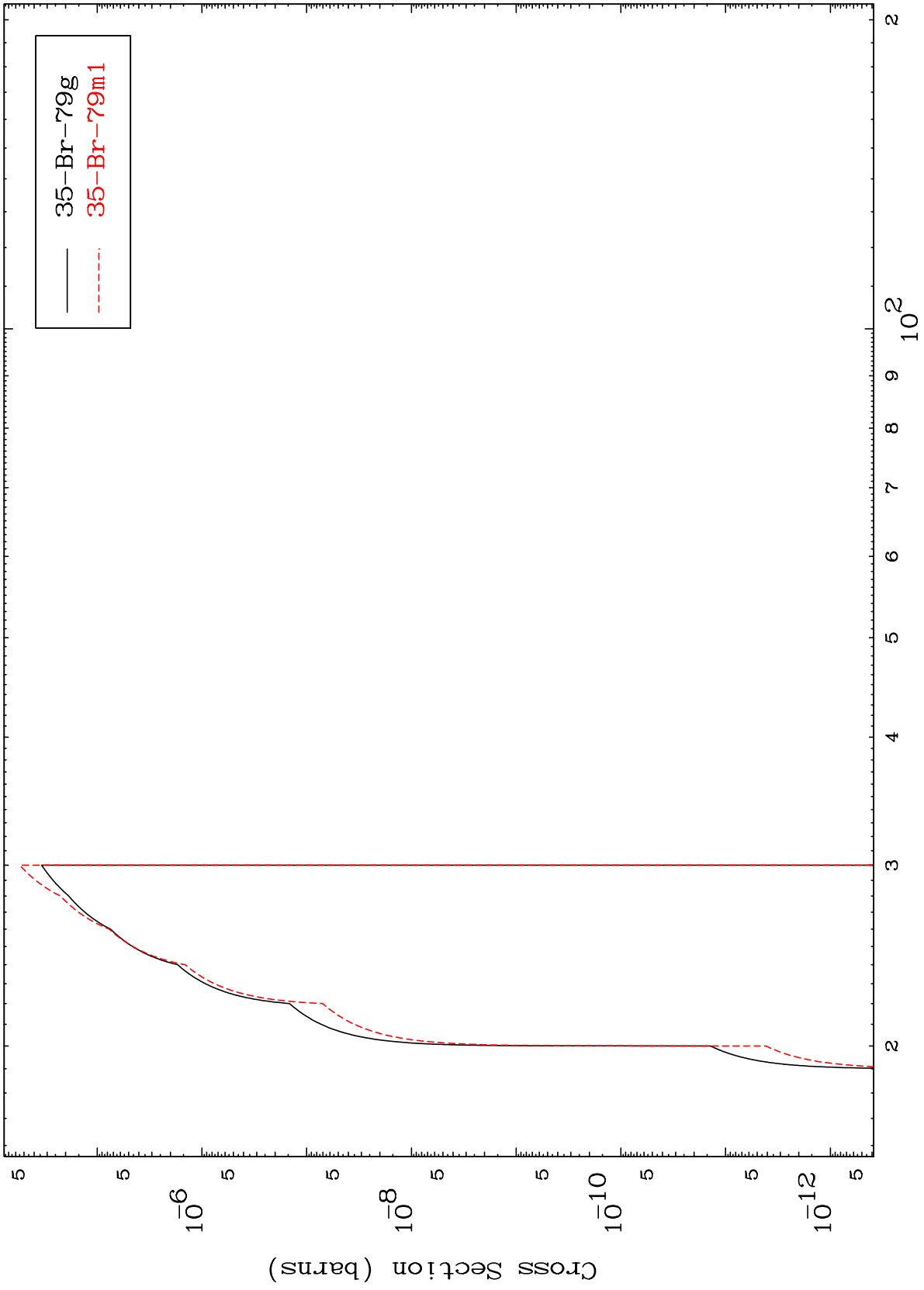
35-Br-78

MAT 3522

(α, p) d

³⁵Br-78

Radionuclide Production Cross Section



23

Incident Energy (MeV)

³⁵Br-78