

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

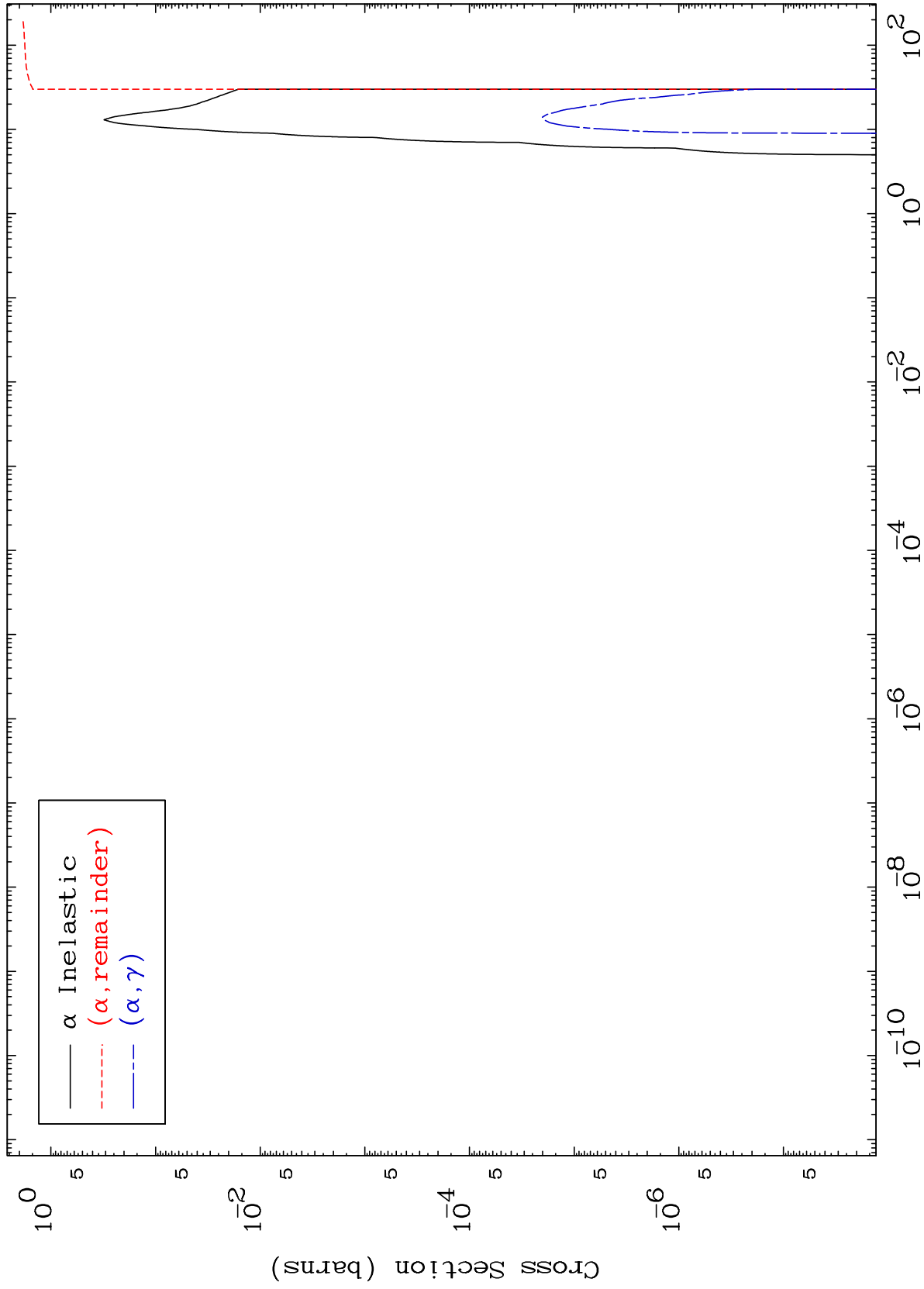
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3534

0 Kelvin α Major
Cross Sections

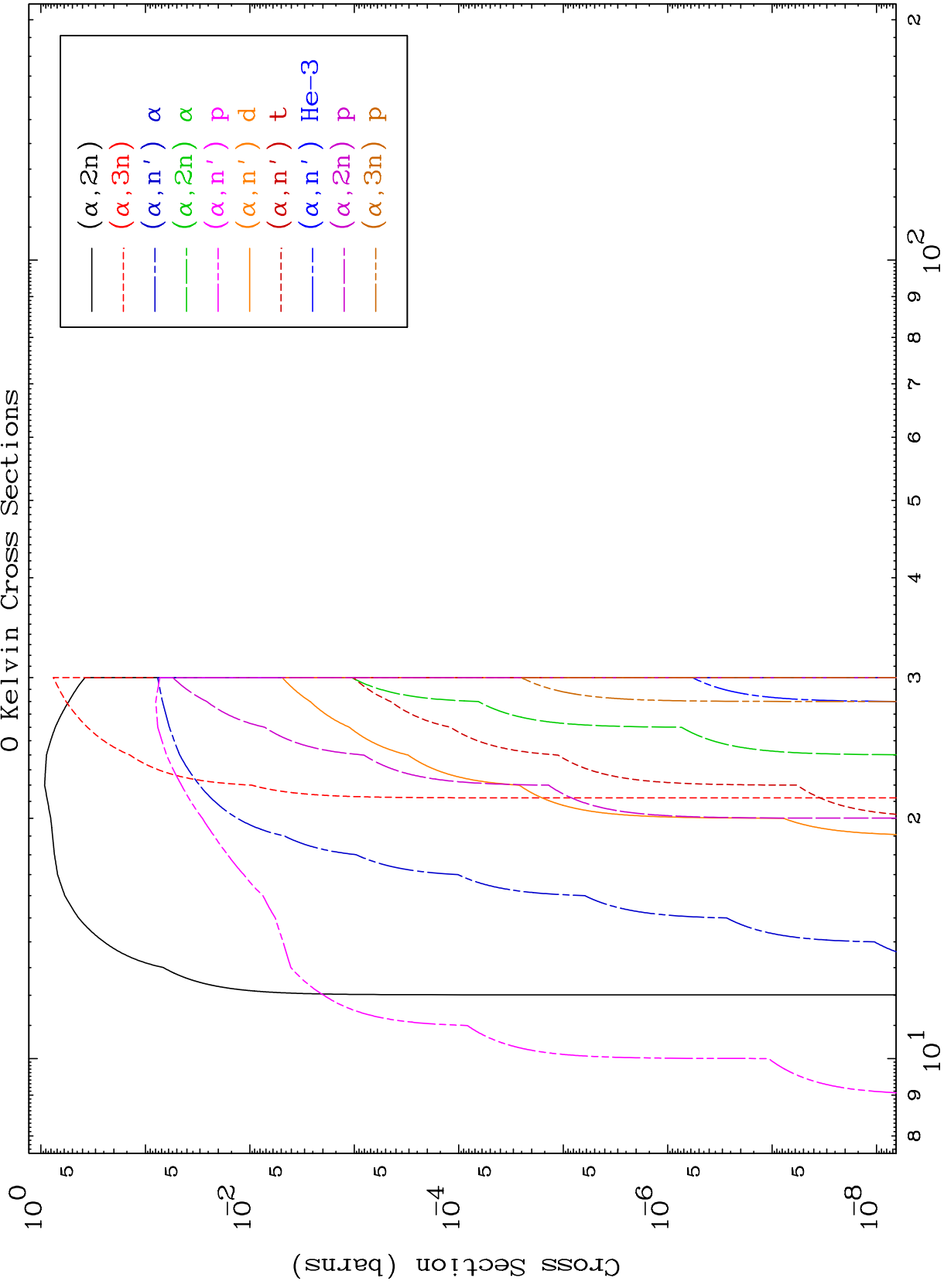
35-Br-82



MAT 3534

α Neutron Production
0 Kelvin Cross Sections

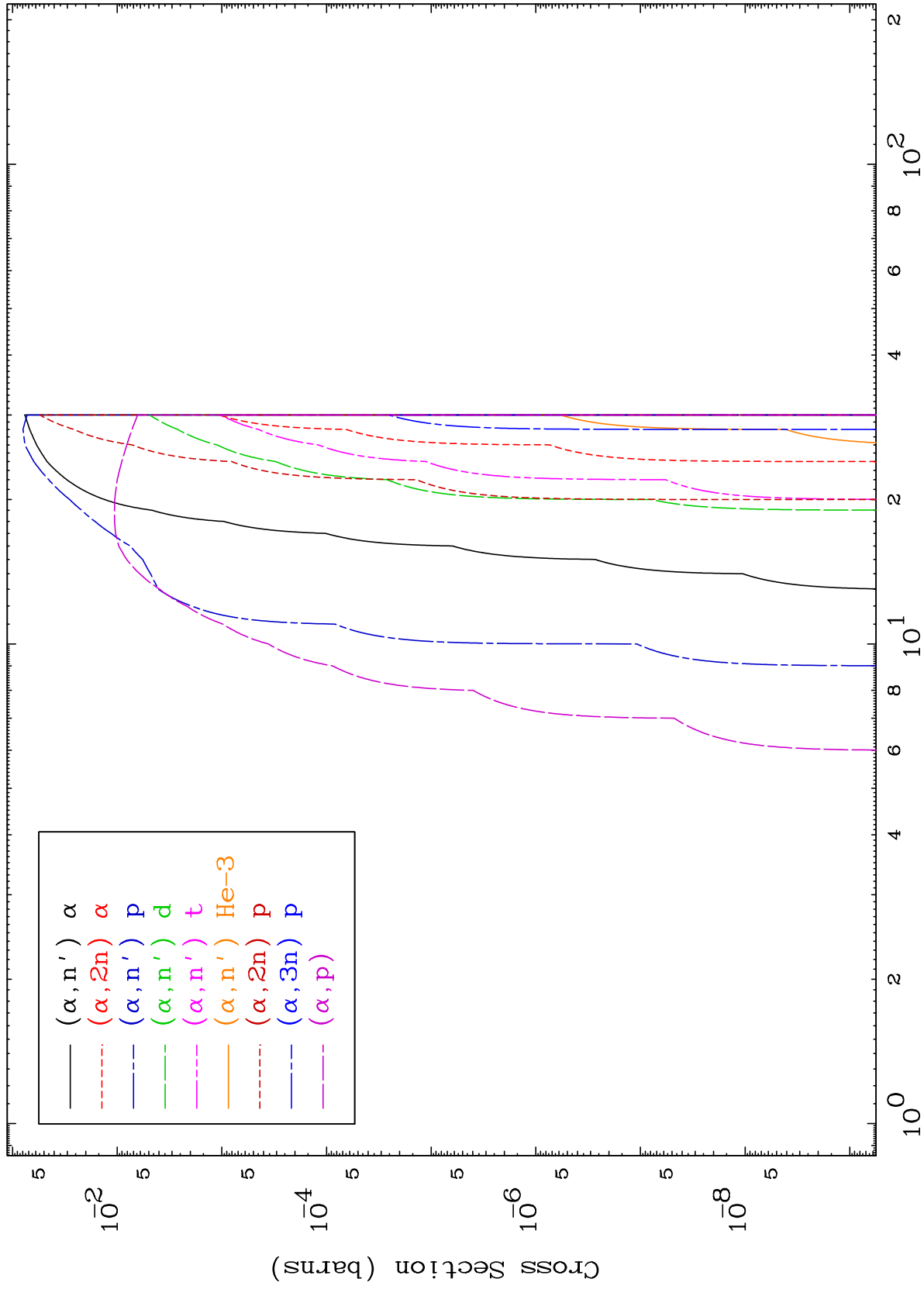
35-Br-82

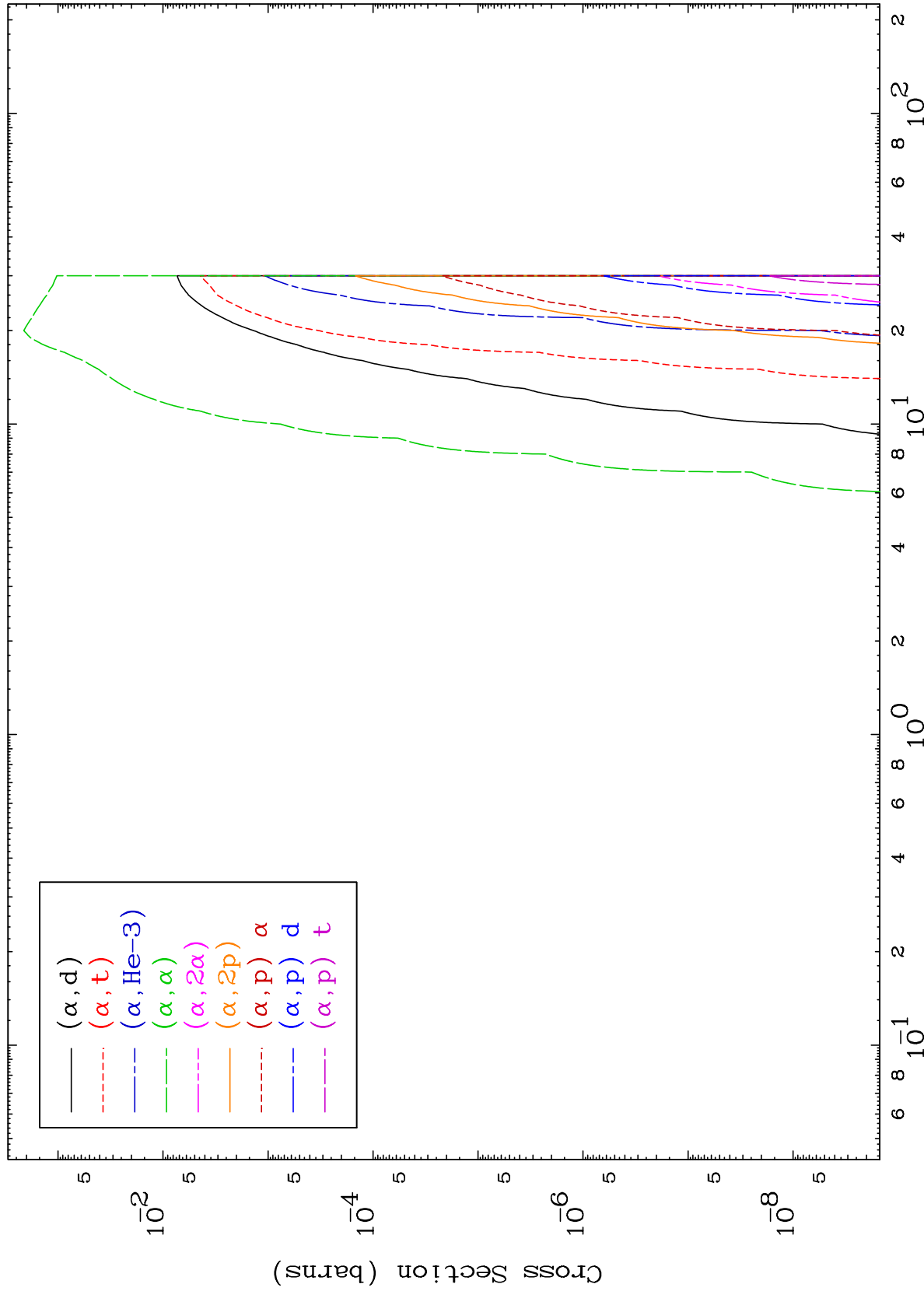


2

Incident Energy (MeV)

35-Br-82

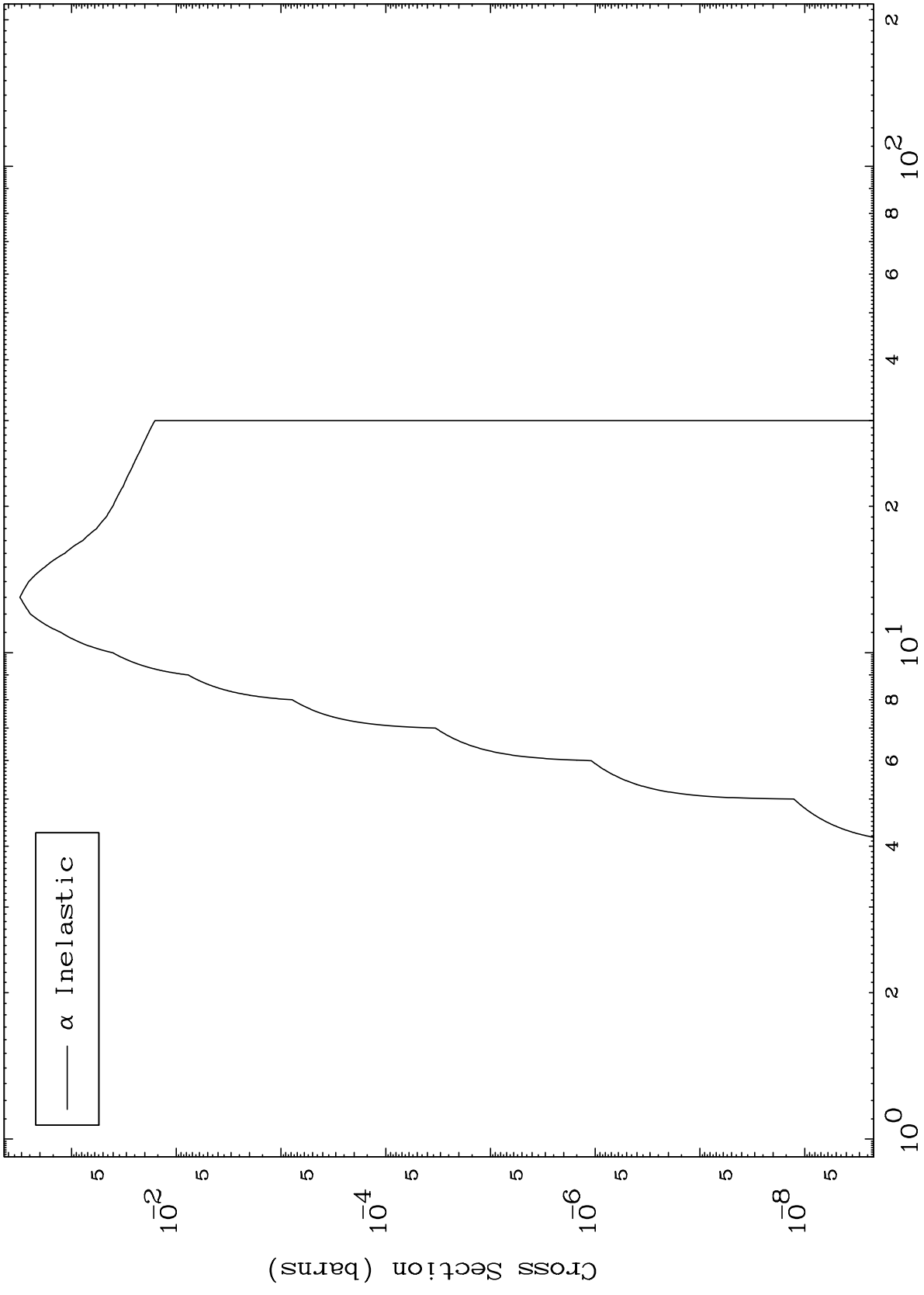




MAT 3534

(α, n') Level
0 Kelvin Cross Sections

35-Br-82



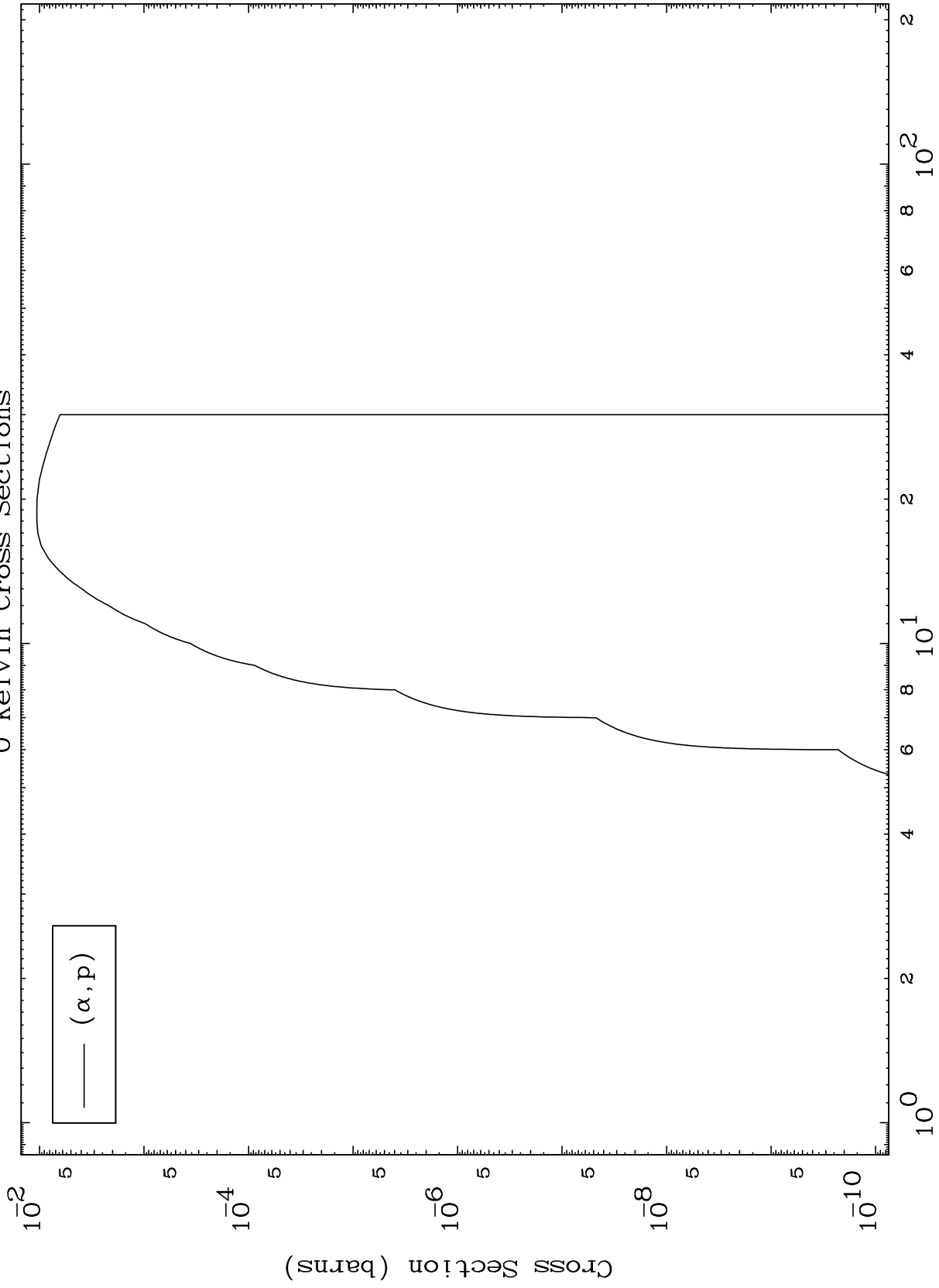
Incident Energy (MeV)

35-Br-82

MAT 3534

35-Br-82

(α, p) Levels
0 Kelvin Cross Sections



35-Br-82

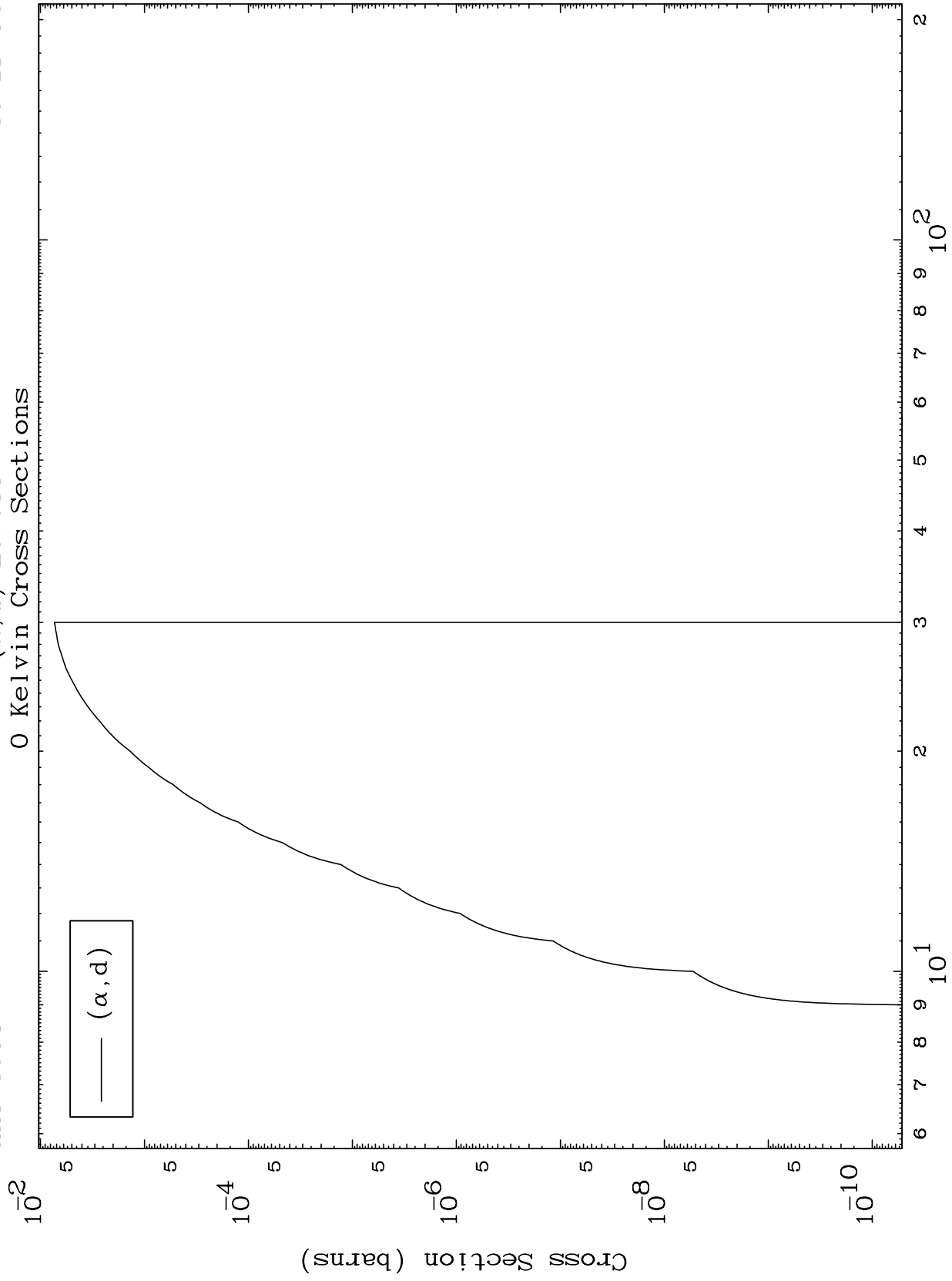
Incident Energy (MeV)

6

MAT 3534

(α, d) Levels
0 Kelvin Cross Sections

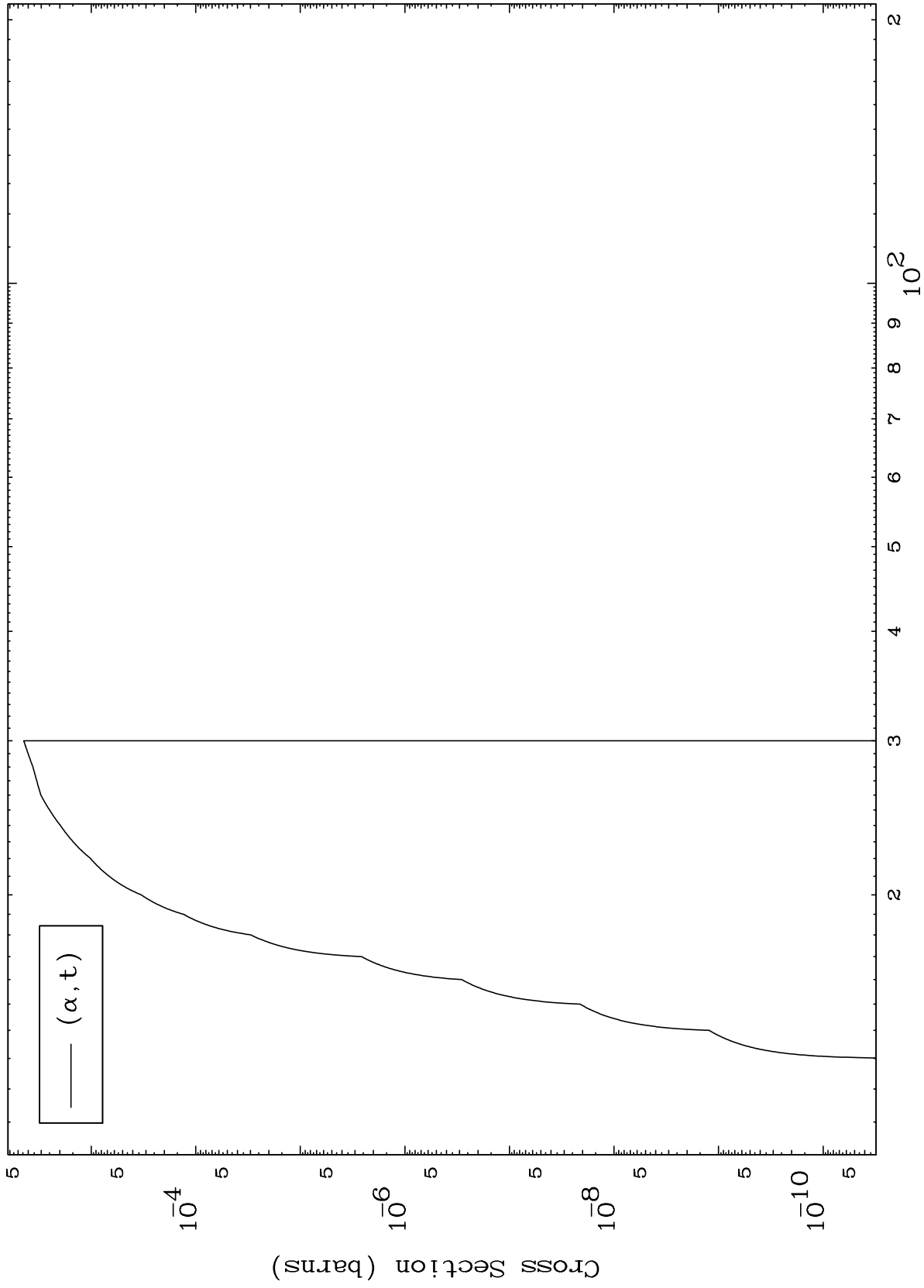
35-Br-82

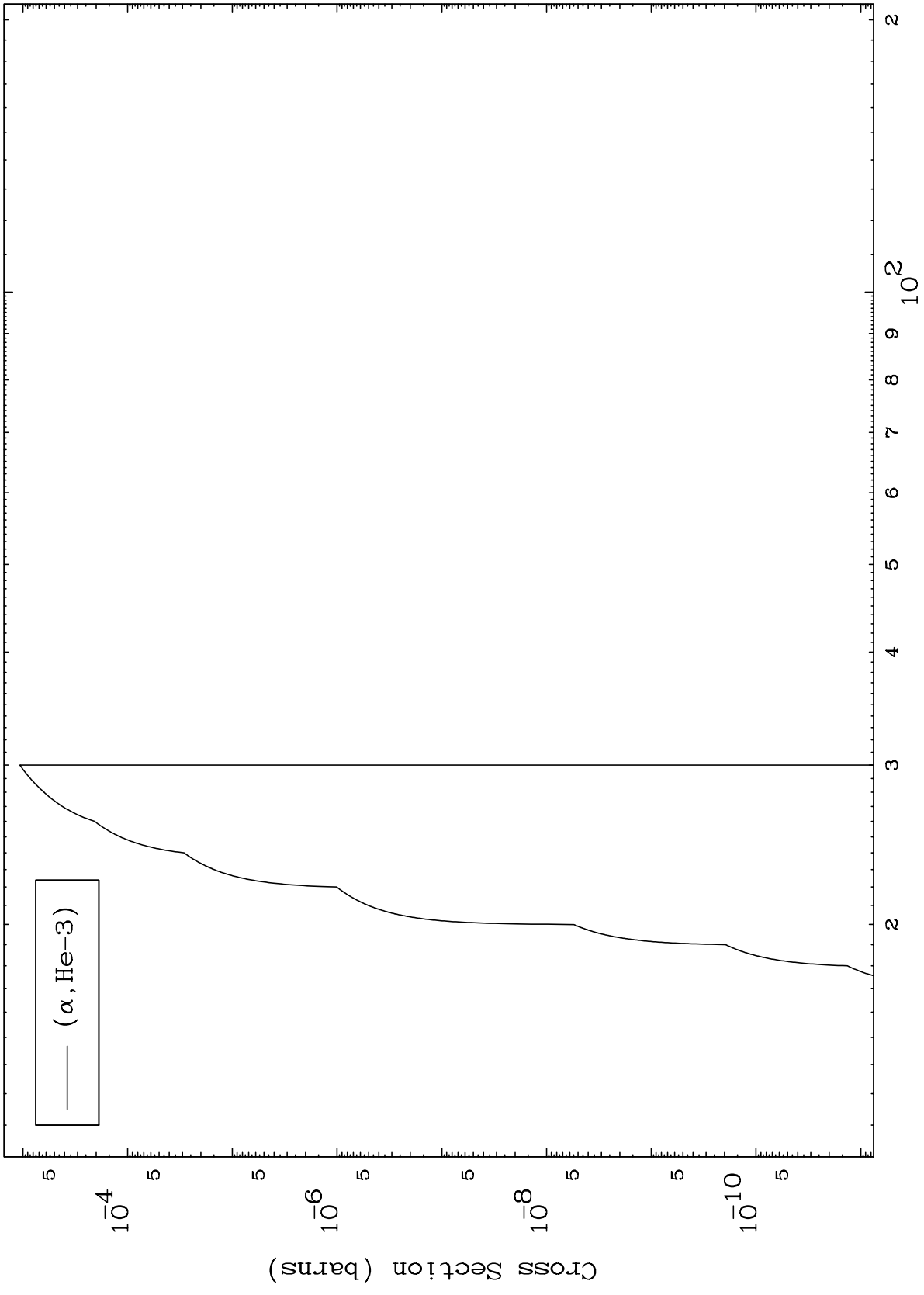


7

Incident Energy (MeV)

35-Br-82

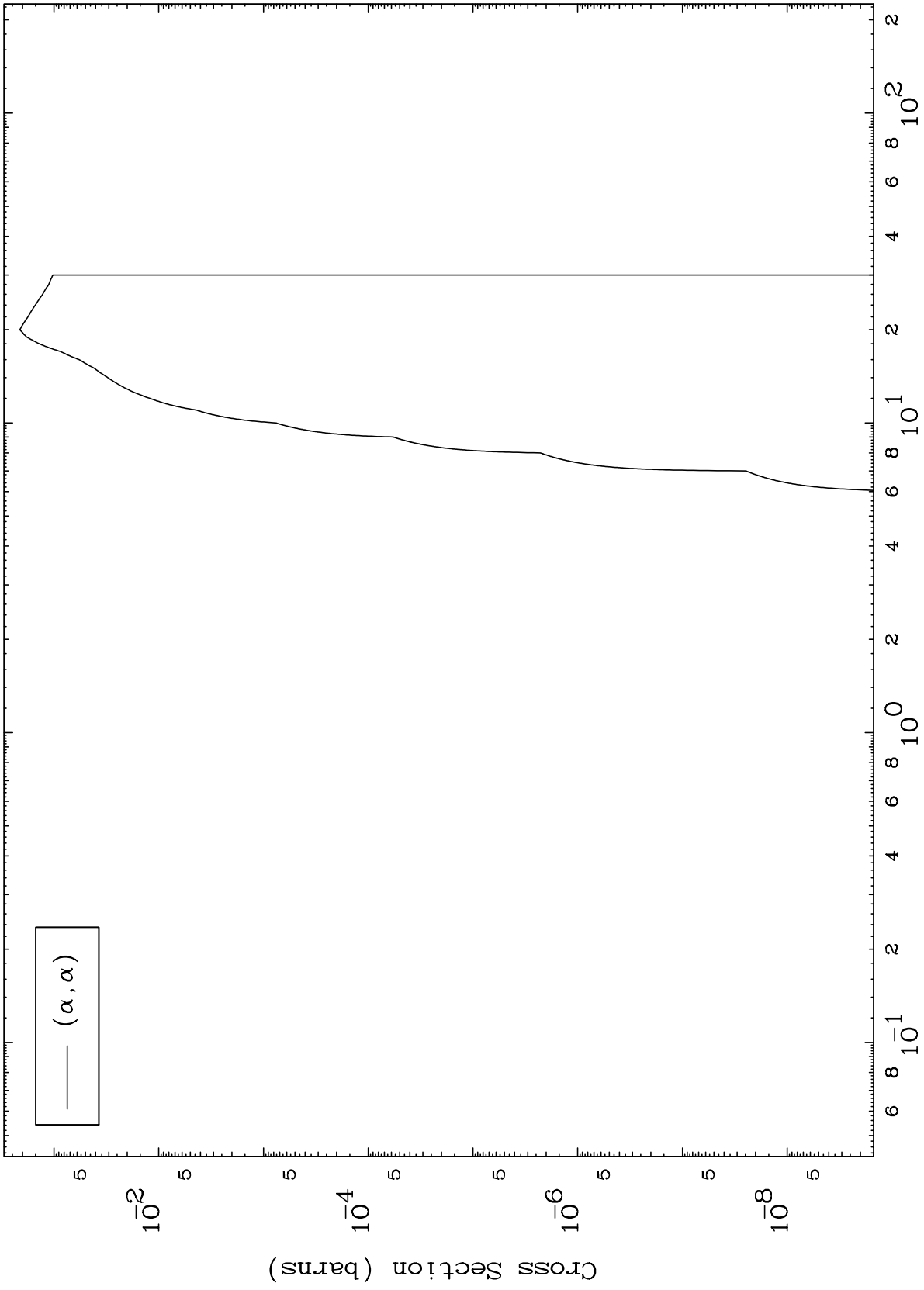




MAT 3534

(α, α) Levels
0 Kelvin Cross Sections

35-Br-82



10

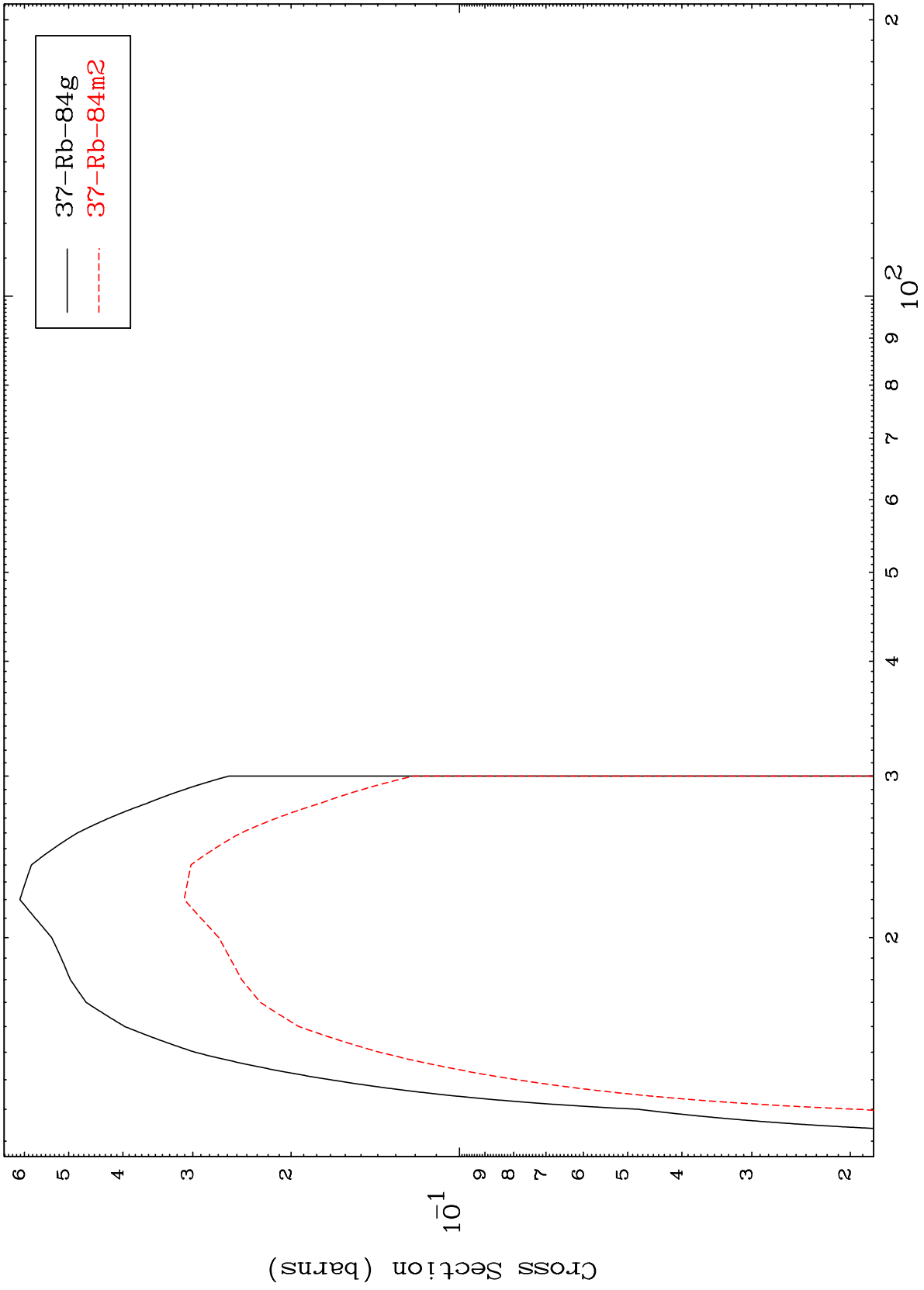
Incident Energy (MeV)

35-Br-82

MAT 3534

35-Br-82

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



11

Incident Energy (MeV)

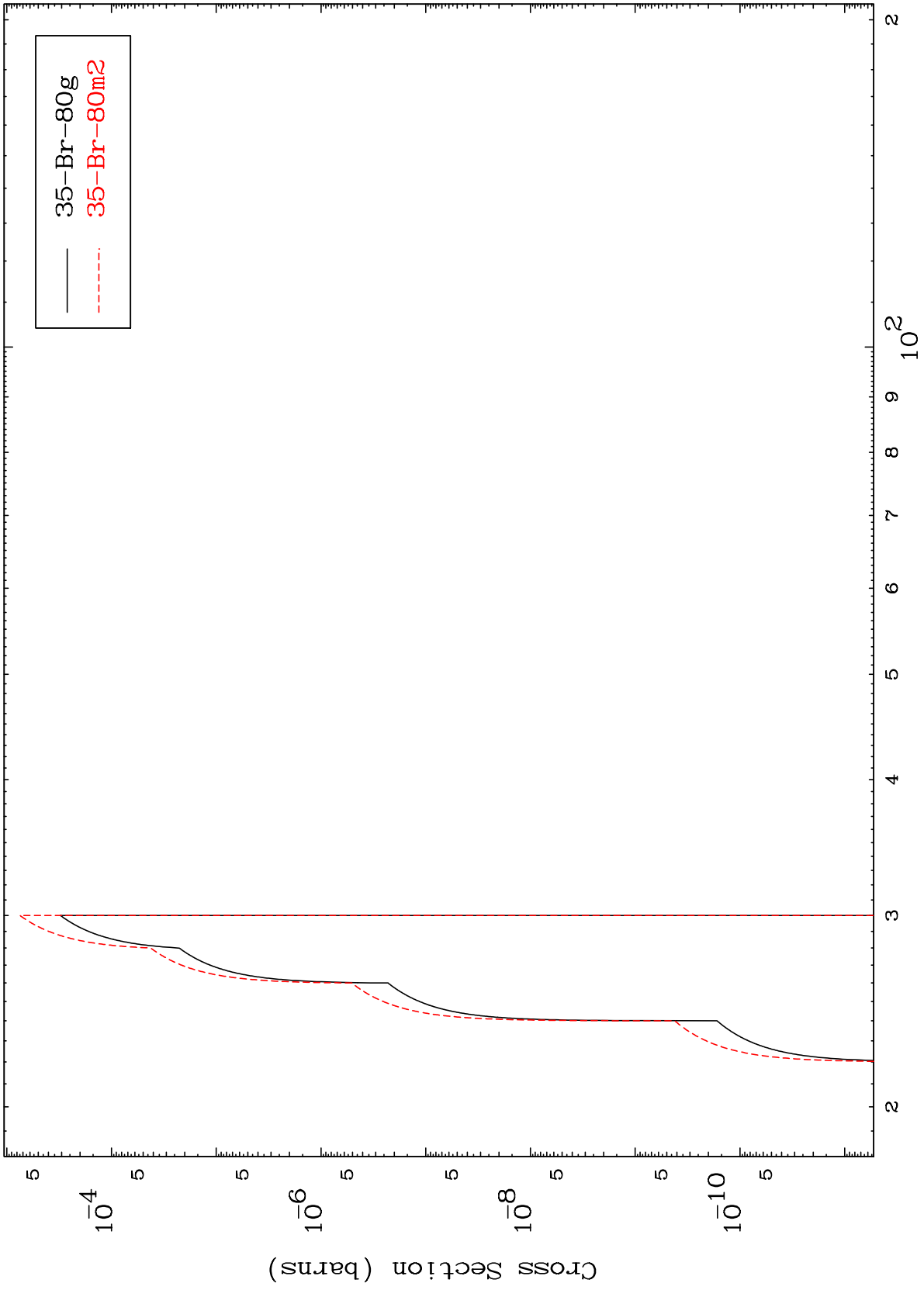
35-Br-82

MAT 3534

$(\alpha, 2n) \alpha$

35-Br-82

Radionuclide Production Cross Section



12

Incident Energy (MeV)

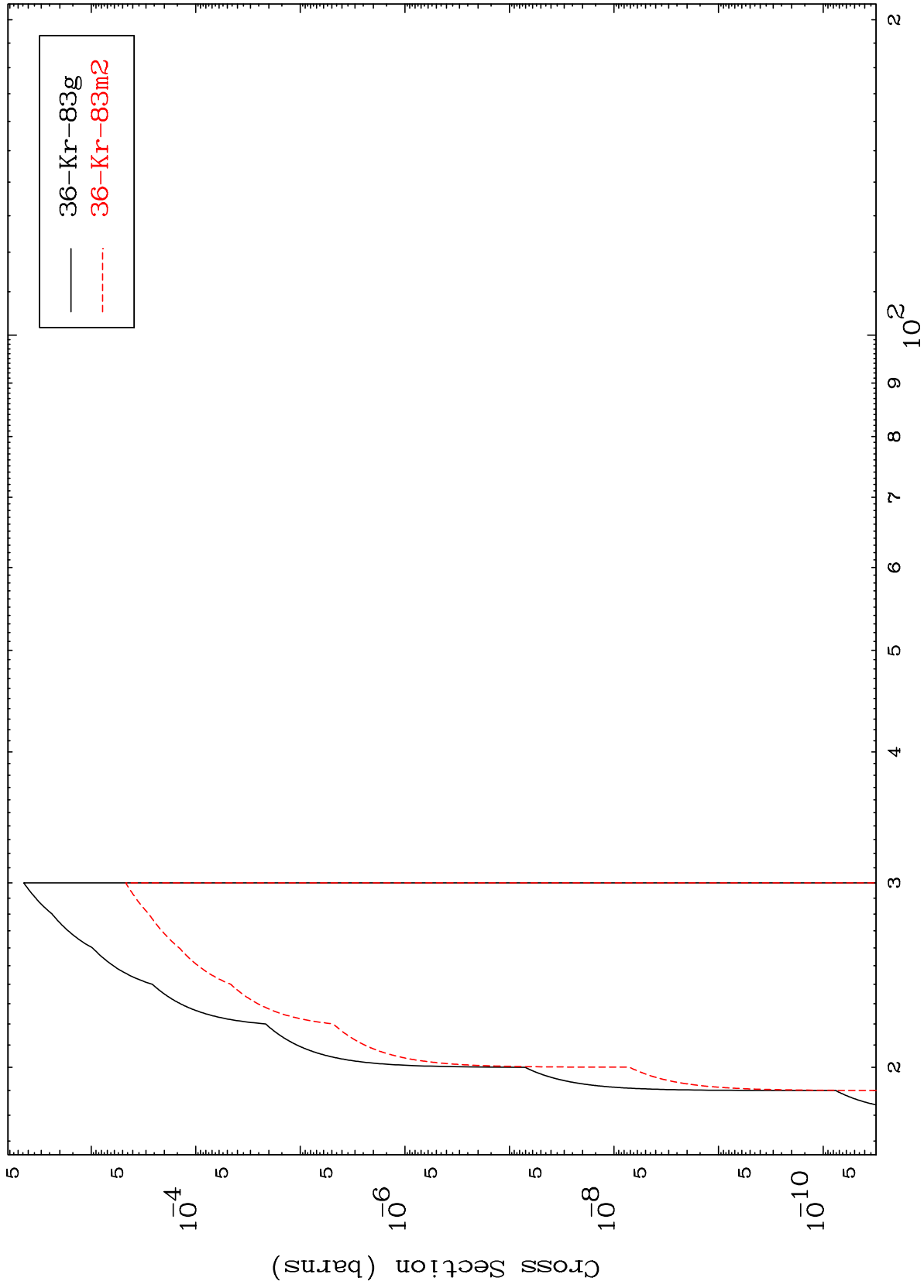
35-Br-82

MAT 3534

(α, n') d

35-Br-82

Radionuclide Production Cross Section



13

Incident Energy (MeV)

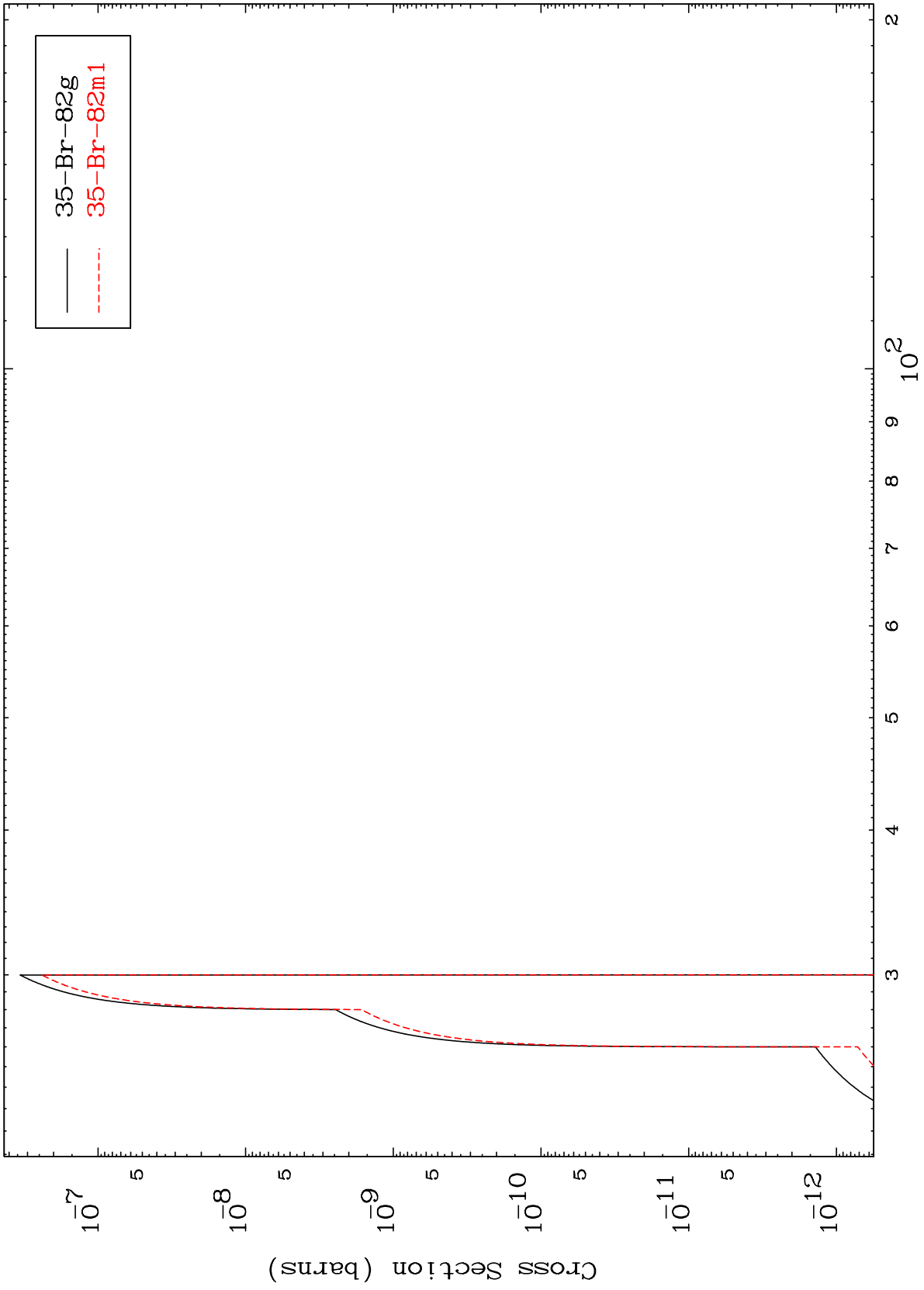
35-Br-82

MAT 3534

(α, n') He-3

35-Br-82

Radionuclide Production Cross Section



14

Incident Energy (MeV)

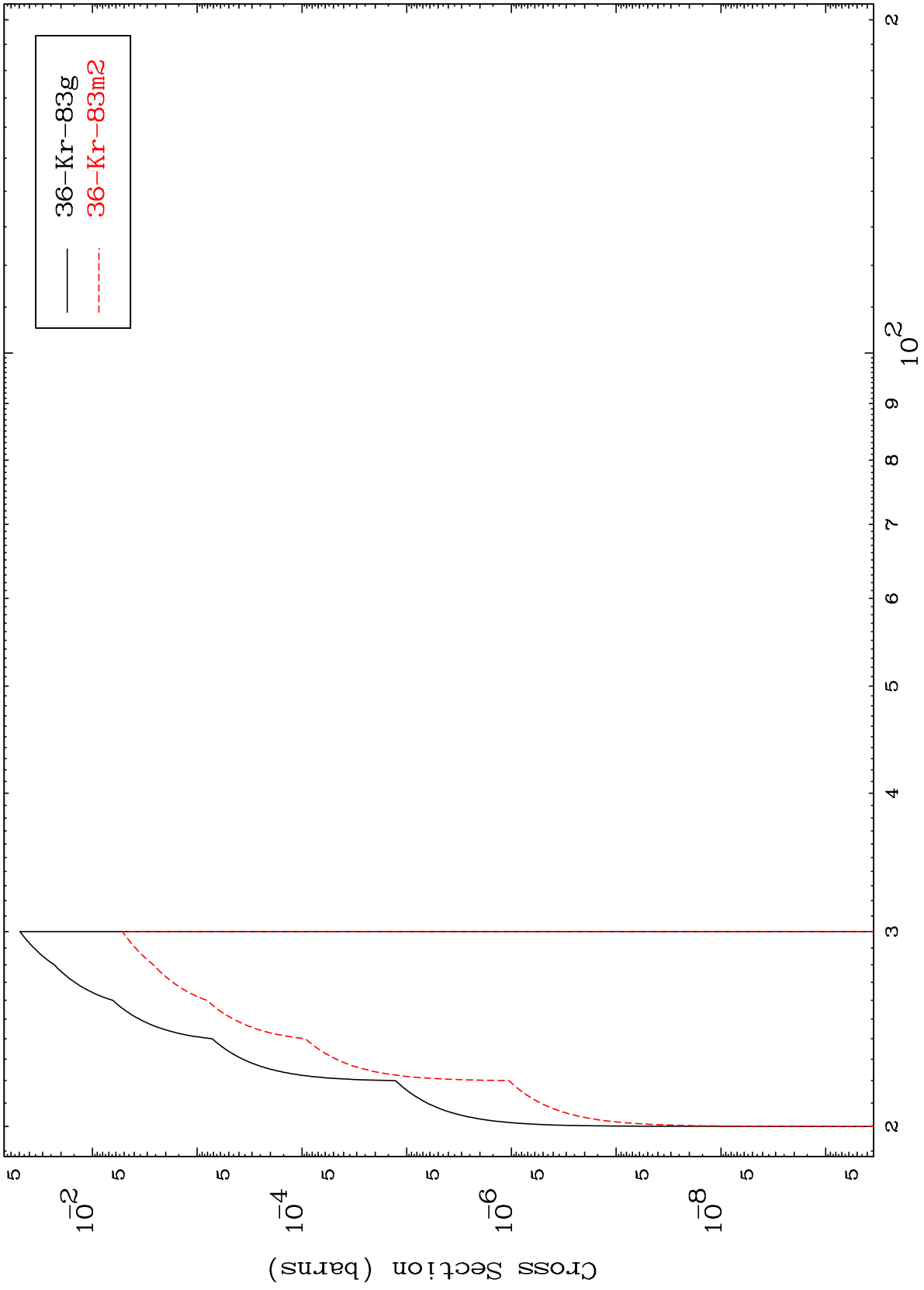
35-Br-82

MAT 3534

($\alpha, 2n$) p

35-Br-82

Radionuclide Production Cross Section



15

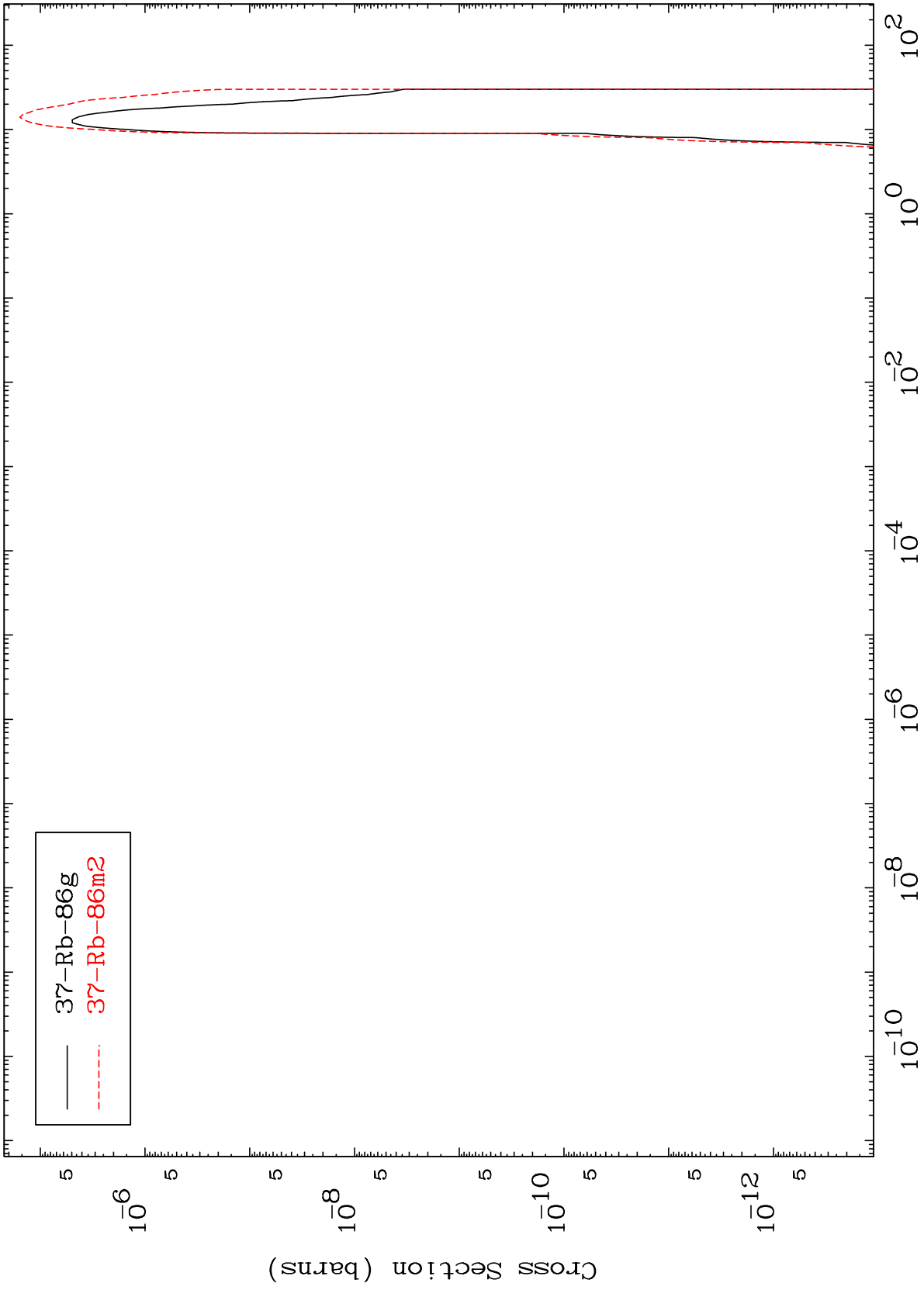
Incident Energy (MeV)

35-Br-82

MAT 3534

Radionuclide Production Cross Section
(α, γ)

35-Br-82



16

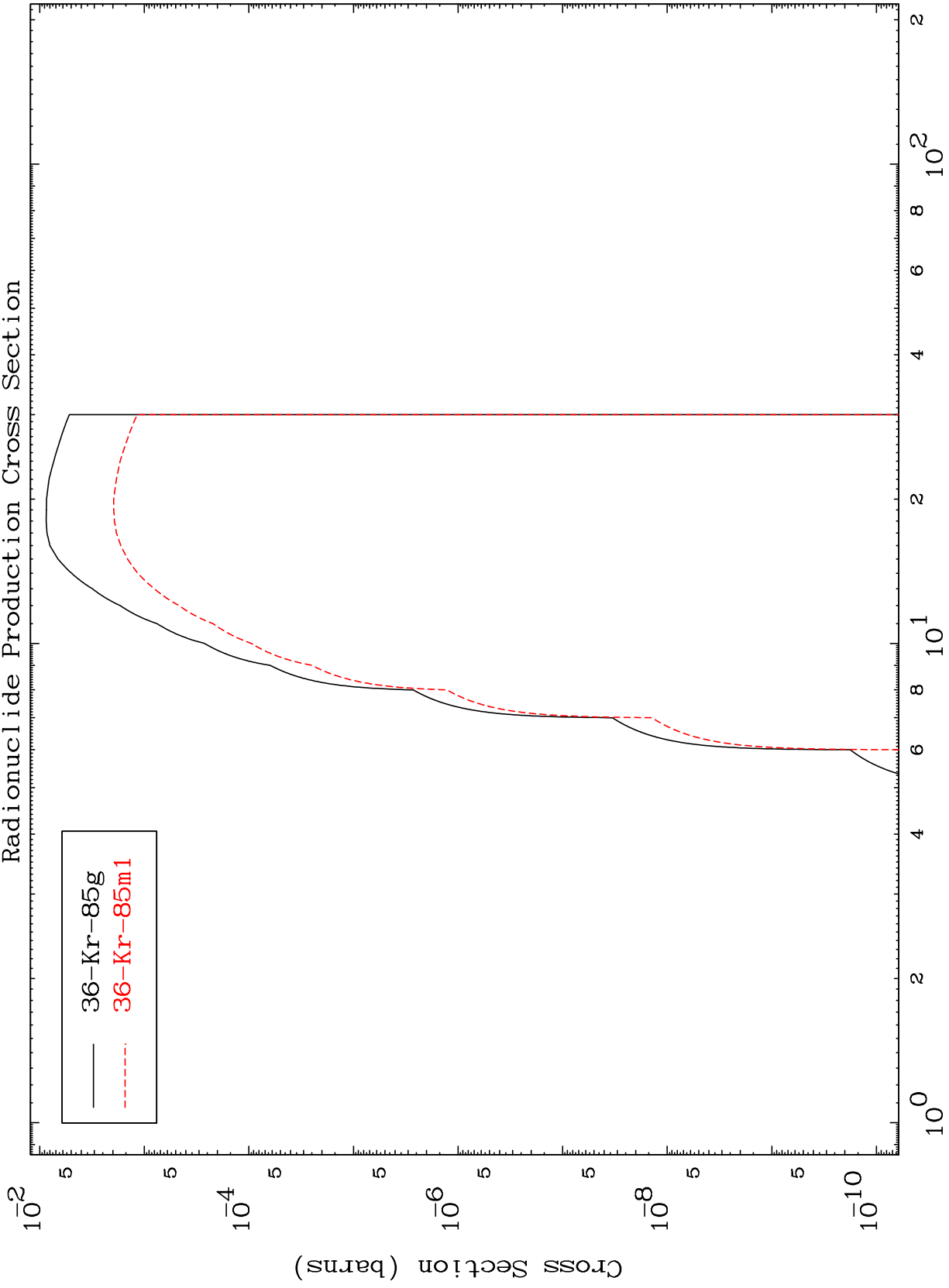
Incident Energy (MeV)

35-Br-82

MAT 3534

35-Br-82

(α, p)
Radionuclide Production Cross Section



— 36-Kr-85g
- - - 36-Kr-85m1

17

Incident Energy (MeV)

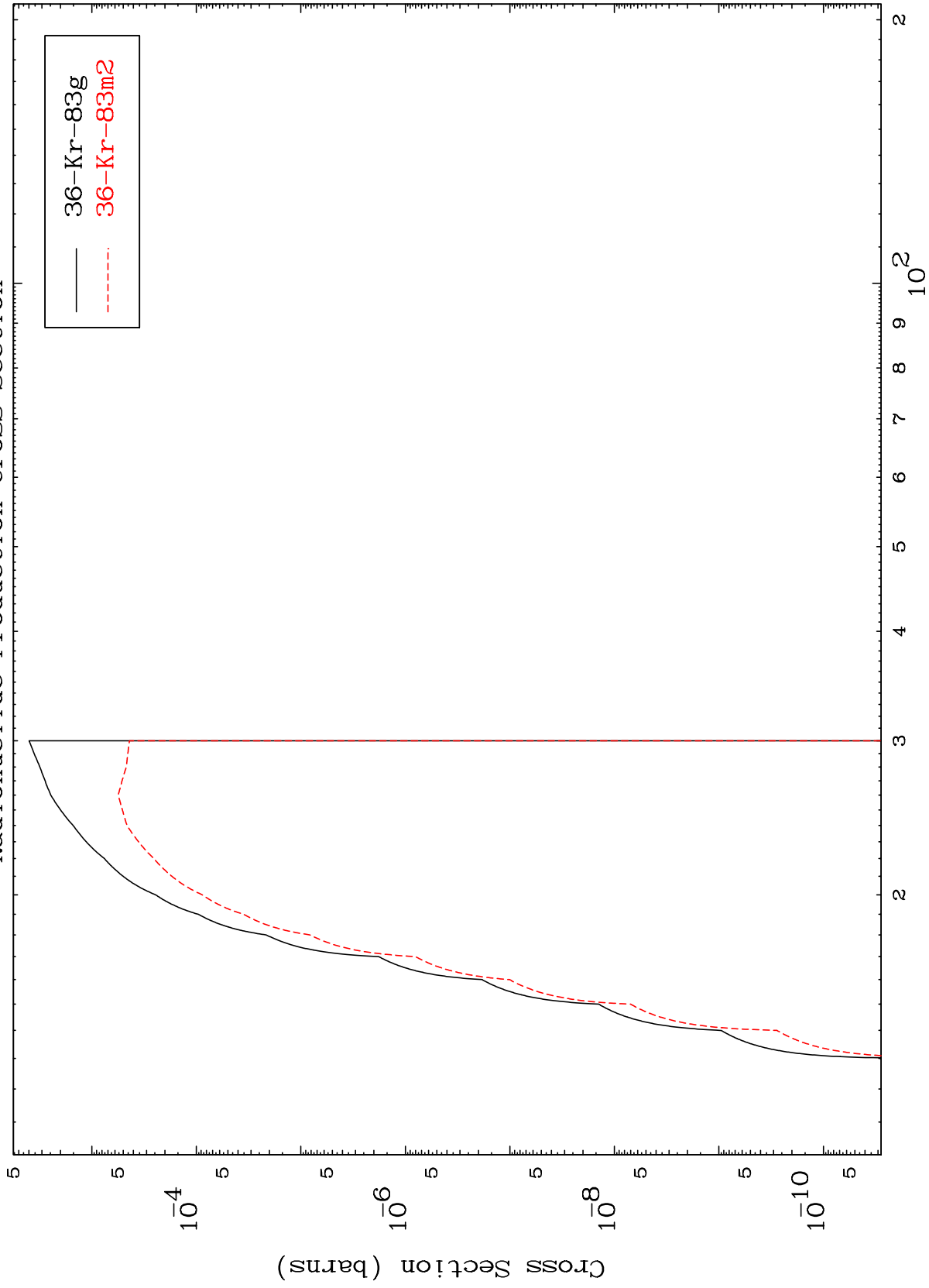
35-Br-82

MAT 3534

(α, t)

35-Br-82

Radionuclide Production Cross Section



18

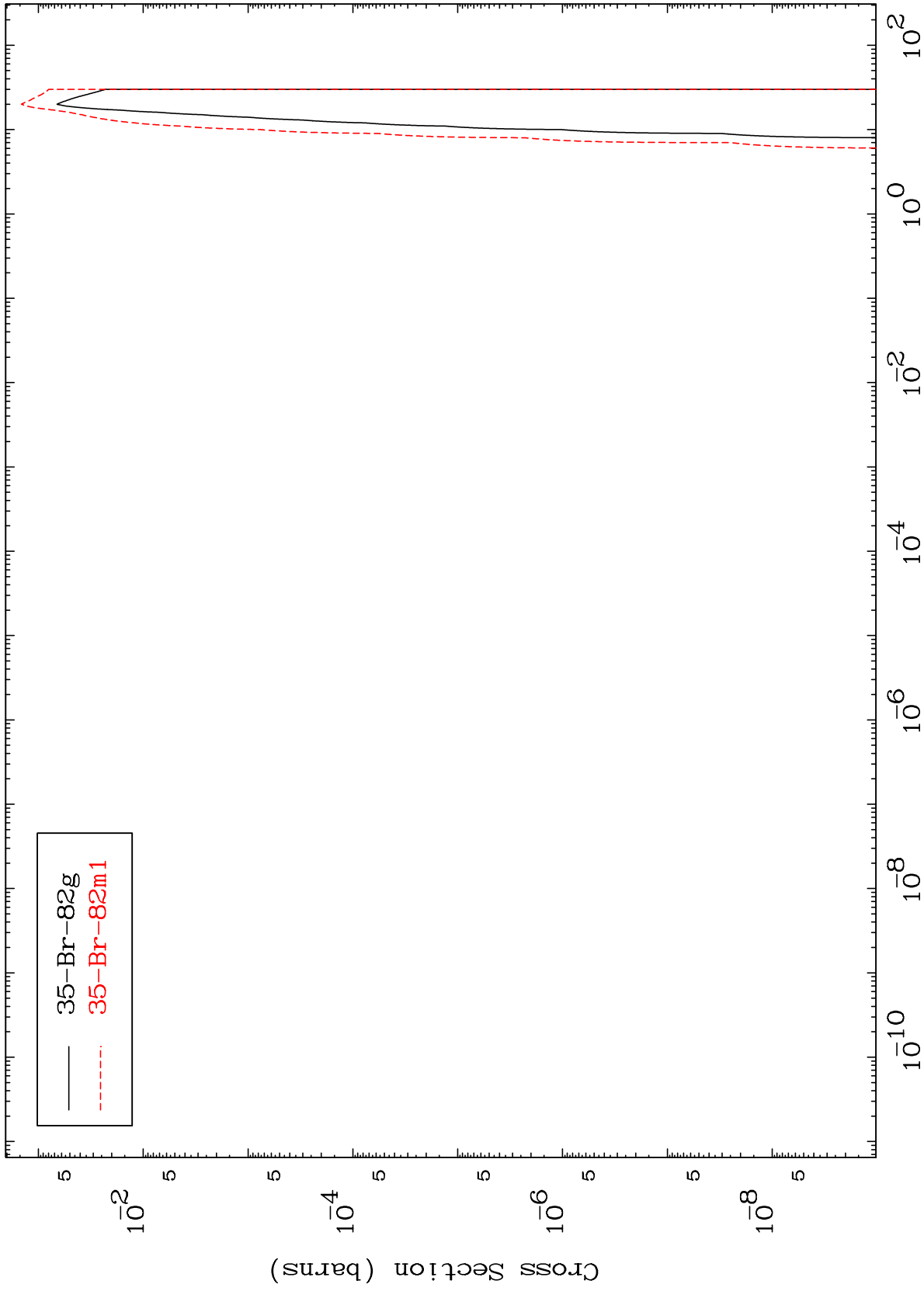
Incident Energy (MeV)

35-Br-82

MAT 3534

35-Br-82

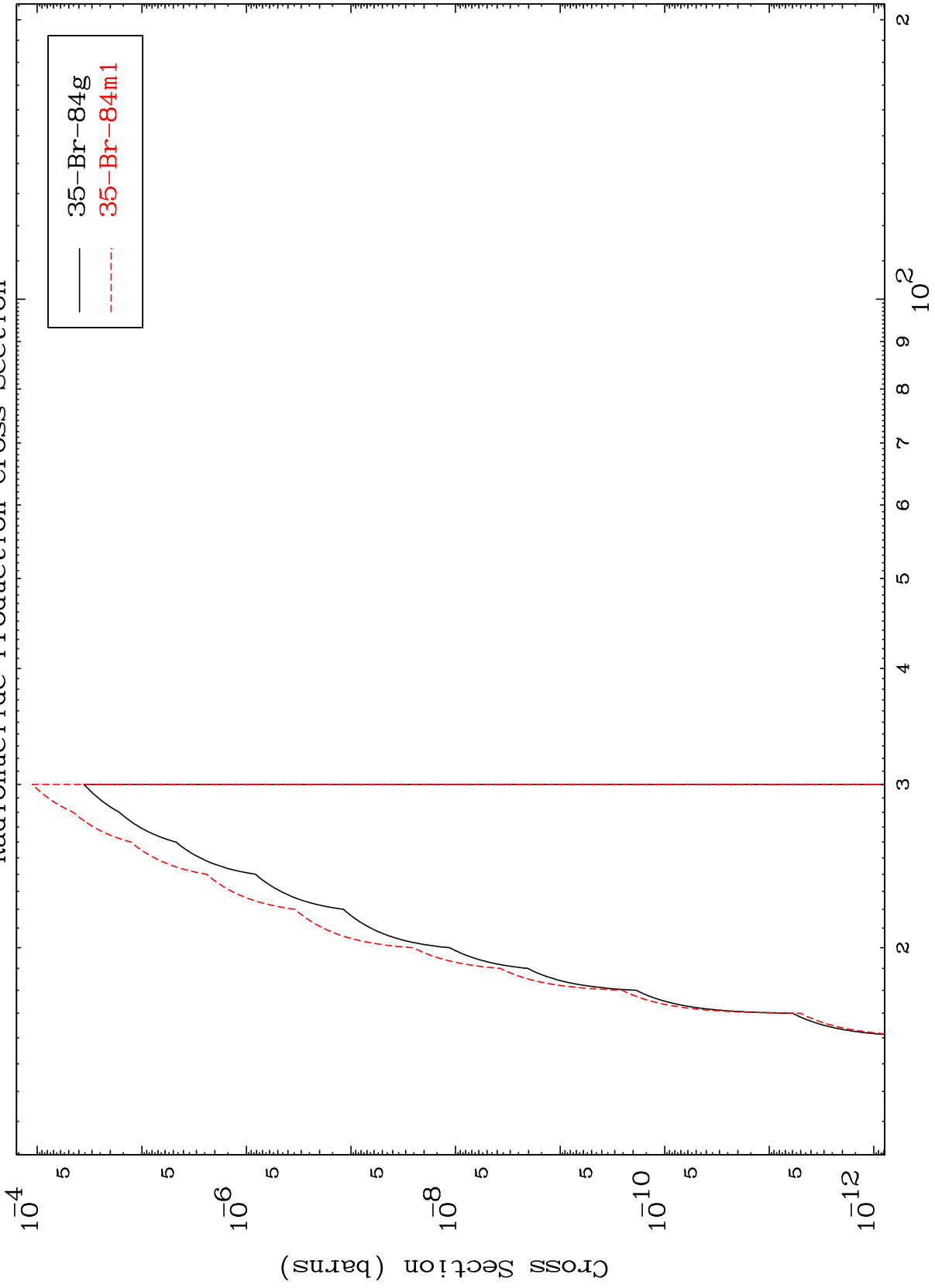
(α, α)
Radionuclide Production Cross Section



MAT 3534

35-Br-82

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



20

Incident Energy (MeV)

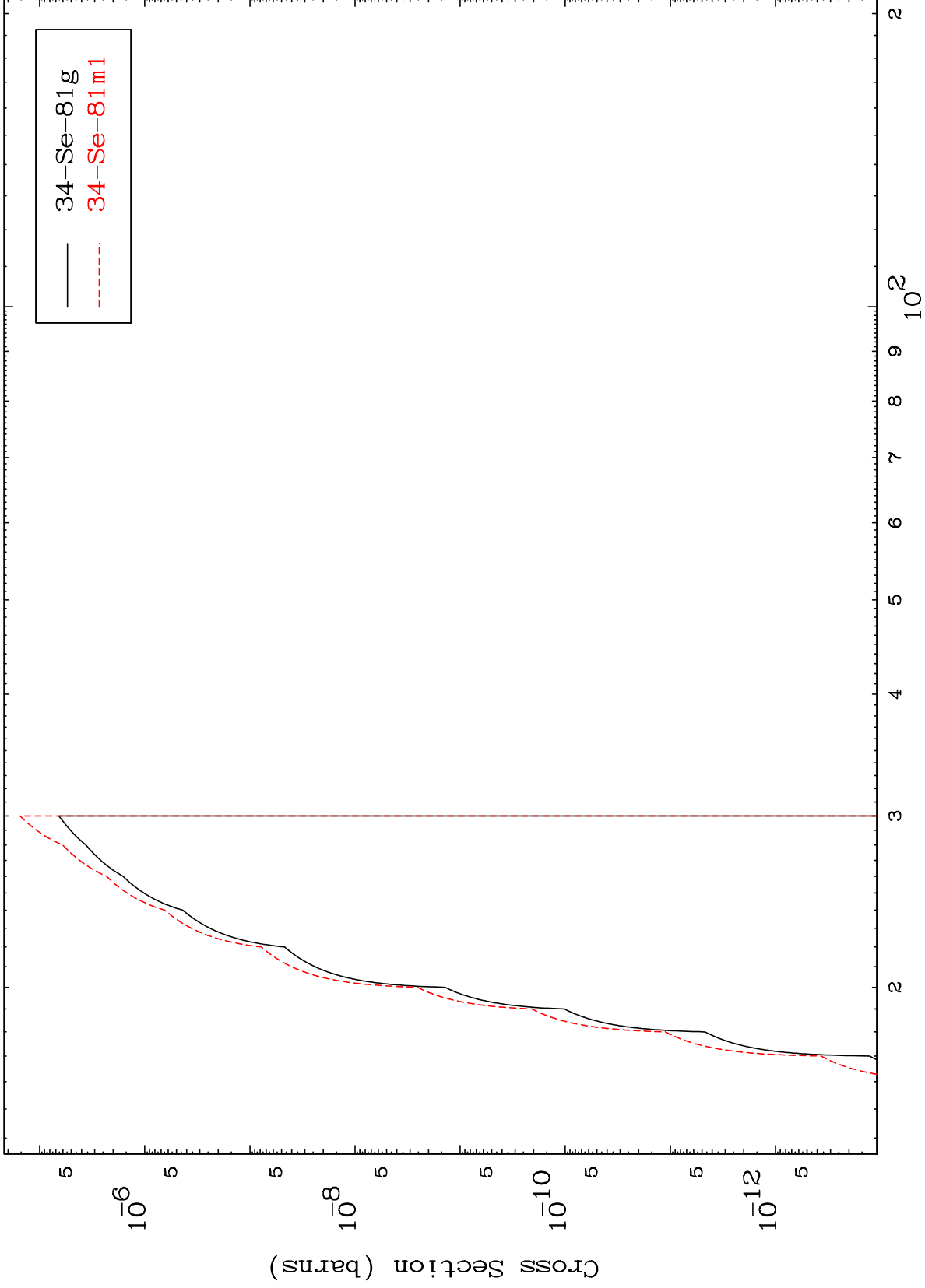
35-Br-82

MAT 3534

(α, p) α

35-Br-82

Radionuclide Production Cross Section



21

Incident Energy (MeV)

35-Br-82

MAT 3534

(α, p) t

35-Br-82

