

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

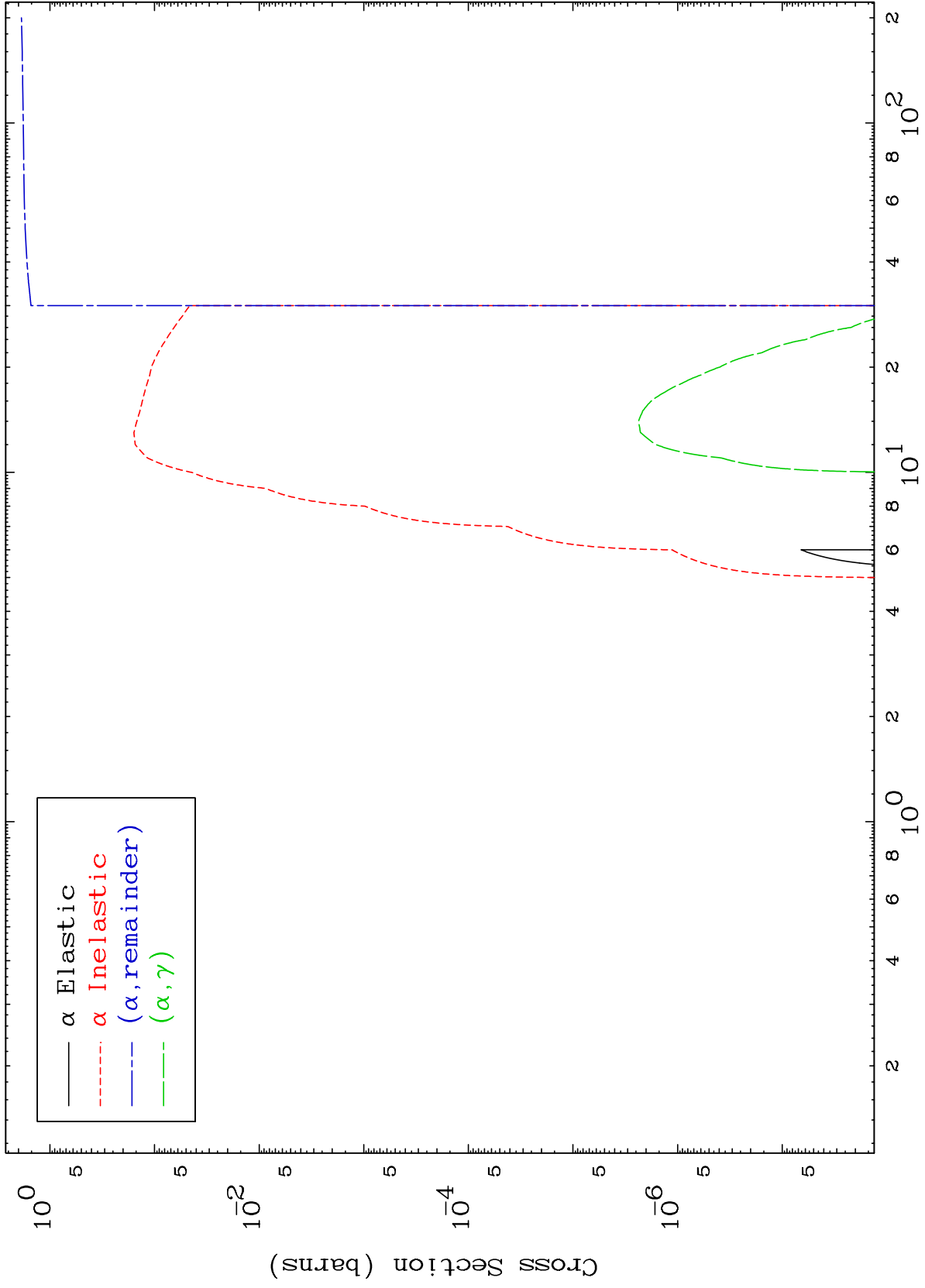
Web:redcullen1.net/HOMEPAGE.NEW

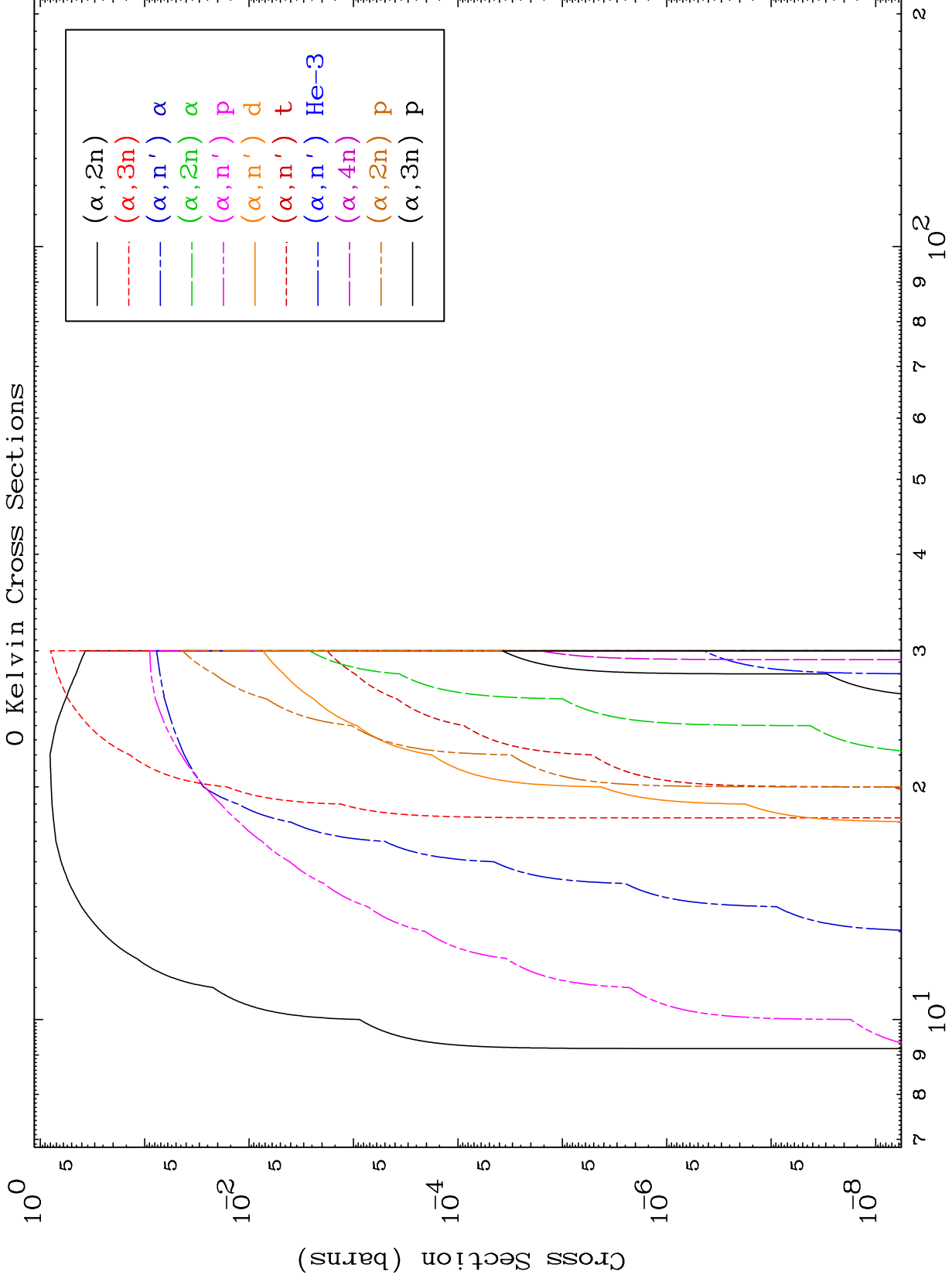
Press Mouse Button to Start

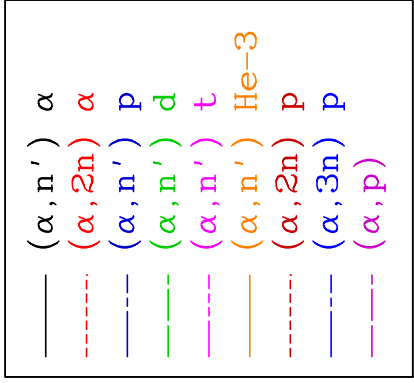
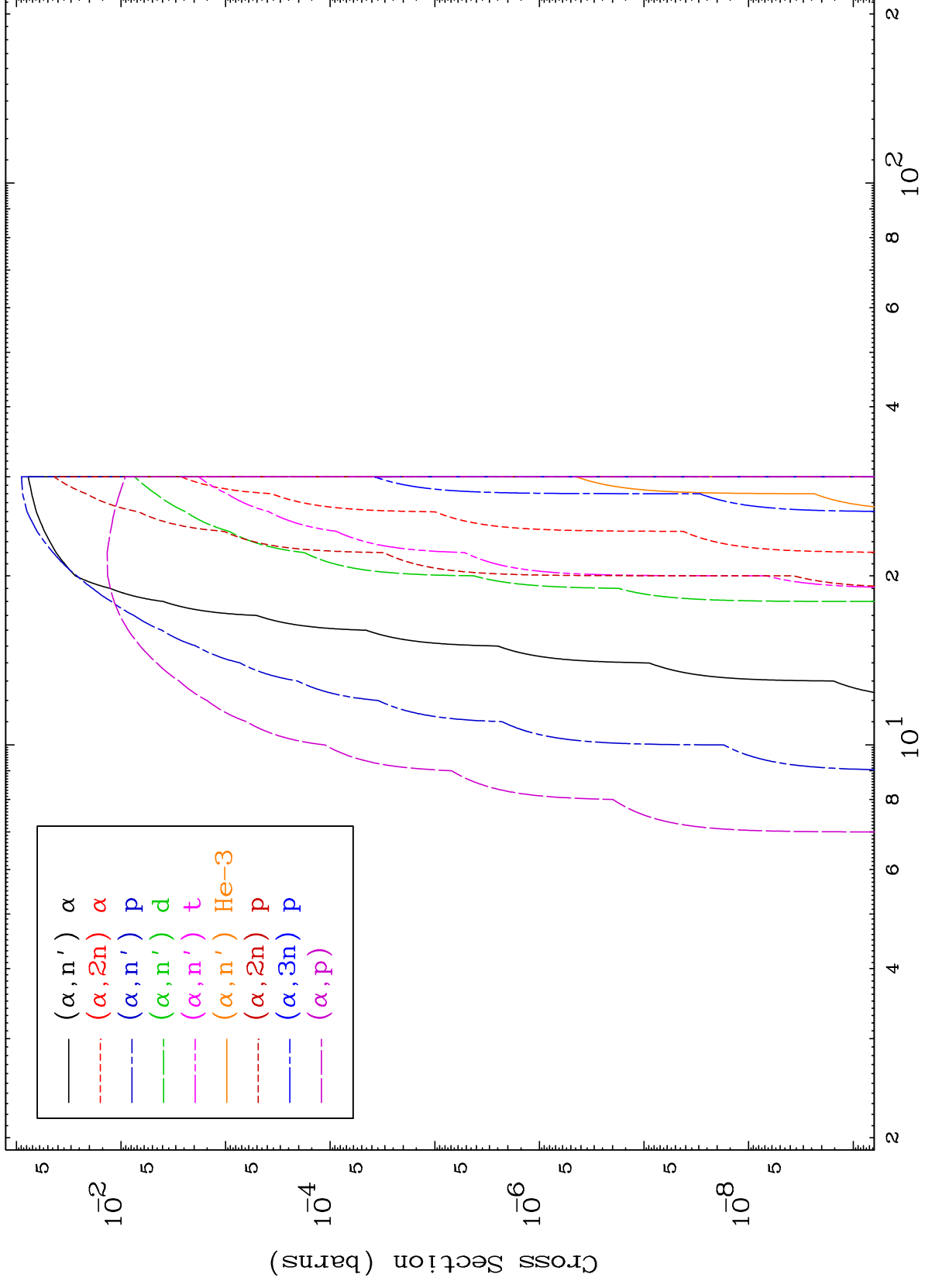
MAT 3540

0 Kelvin Major α Cross Sections

35-Br-84



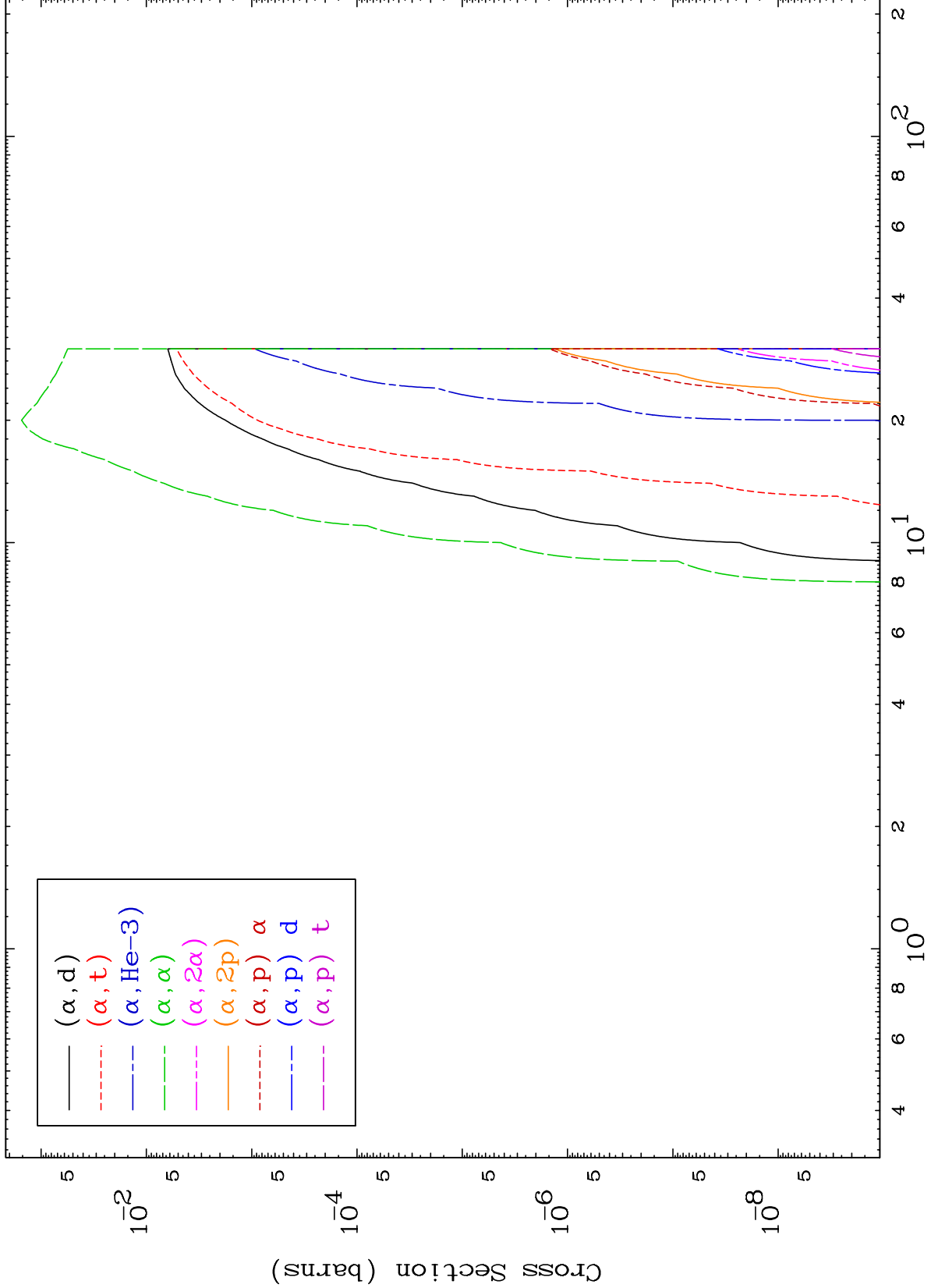




MAT 3540

α Charged Particle
0 Kelvin Cross Sections

35-Br-84



Incident Energy (MeV)

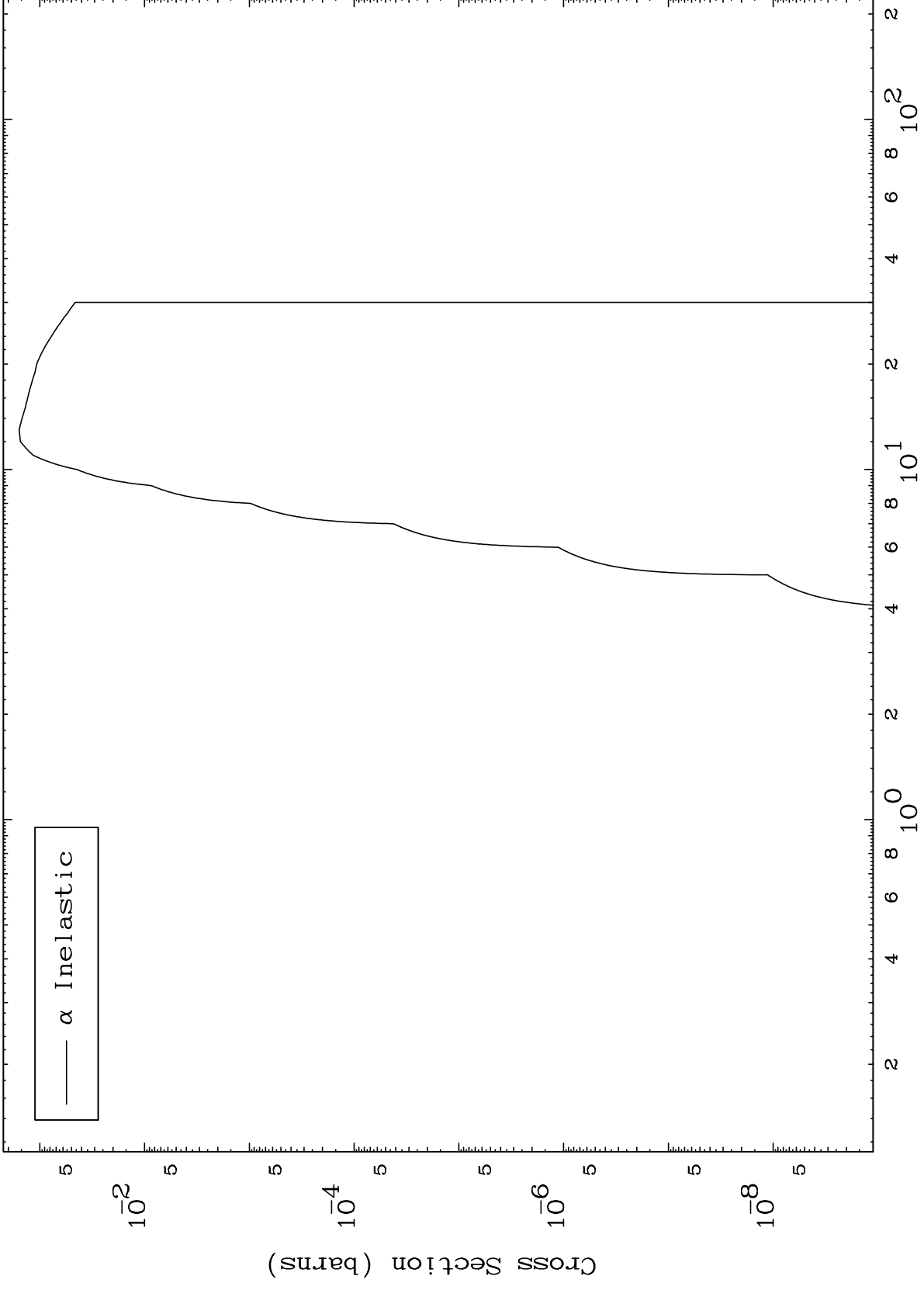
35-Br-84

MAT 3540

(α, n') Level

35-Br-84

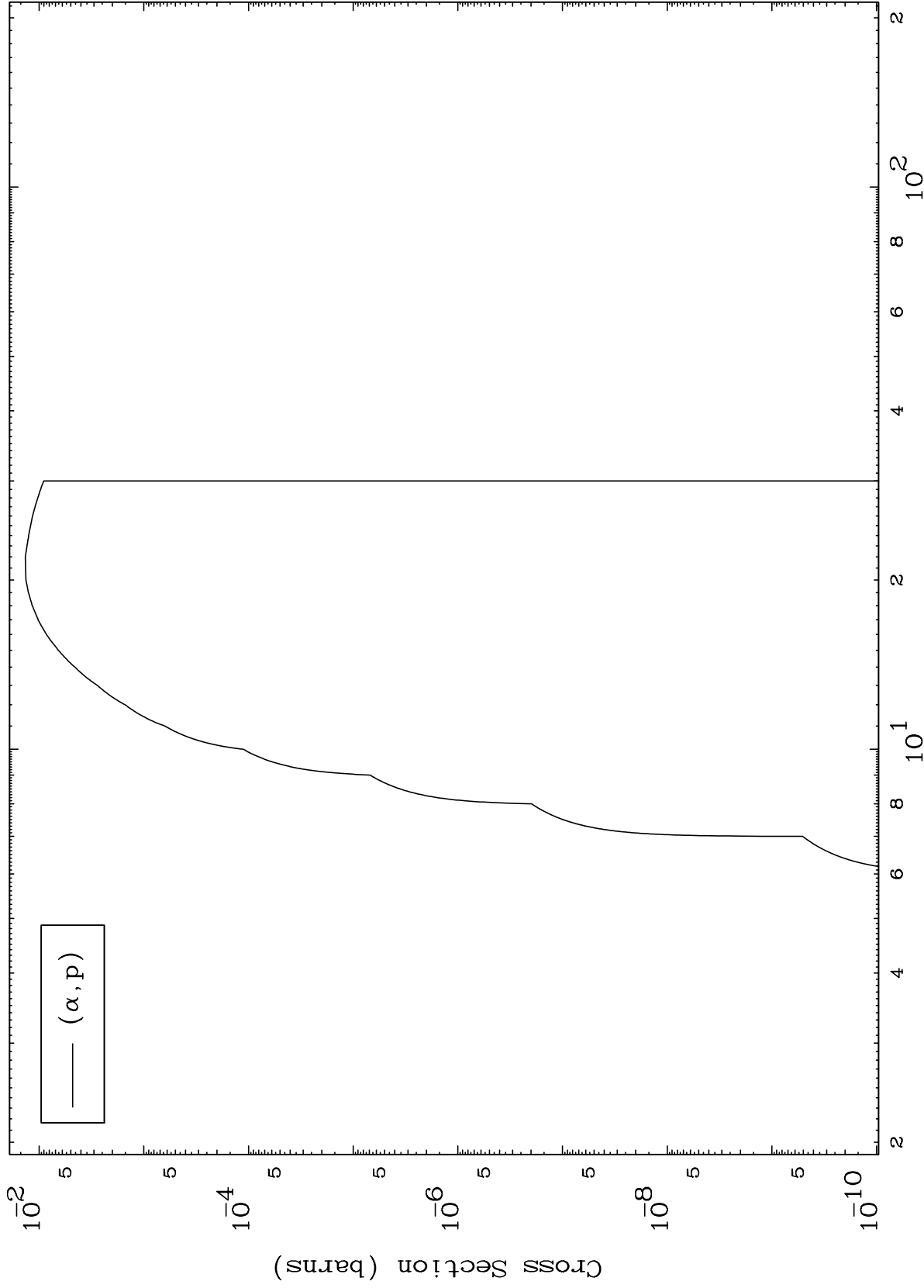
0 Kelvin Cross Sections



MAT 3540

35-Br-84

(α, p) Levels
0 Kelvin Cross Sections



35-Br-84

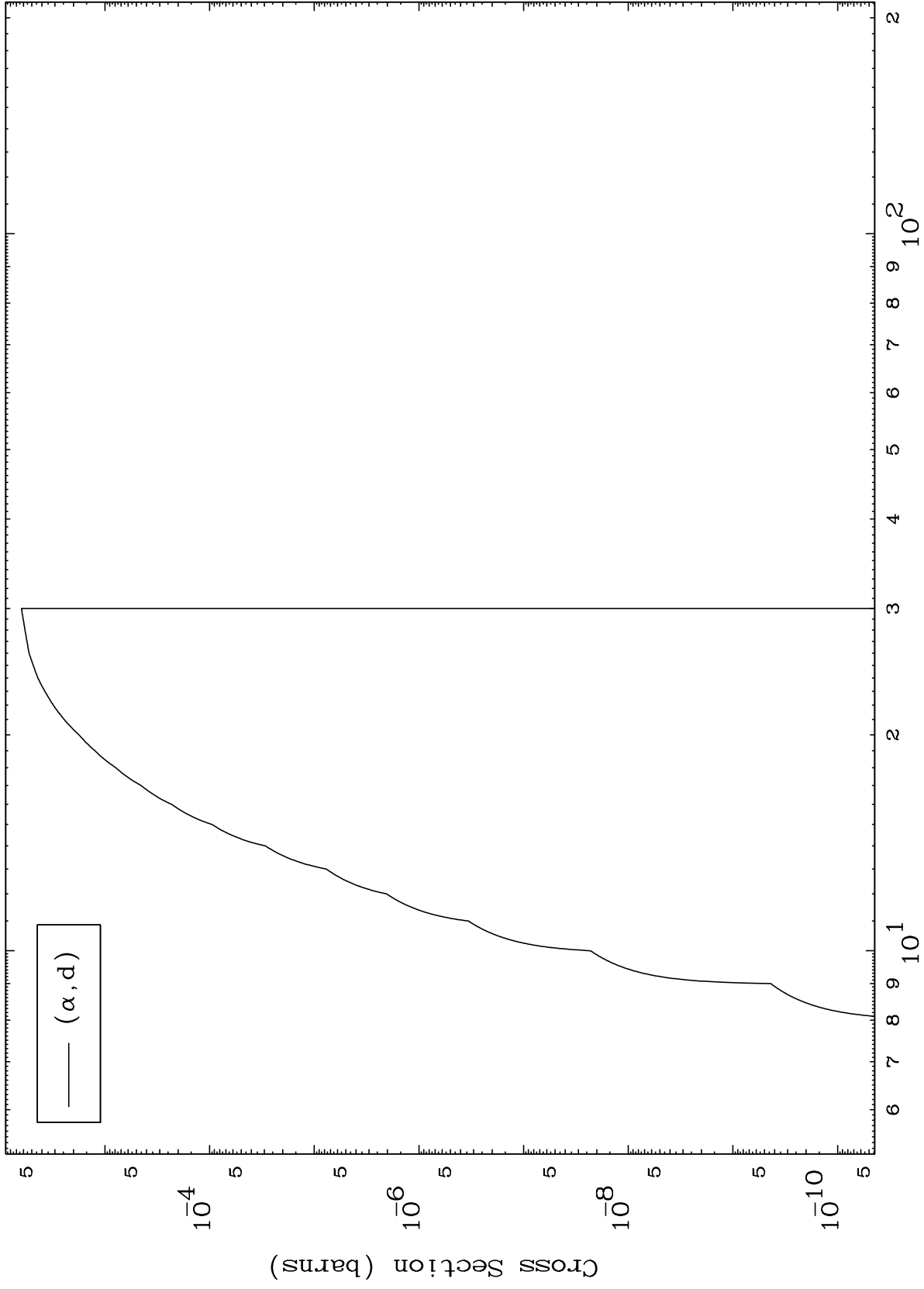
Incident Energy (MeV)

6

MAT 3540

(α, d) Levels
0 Kelvin Cross Sections

35-Br-84

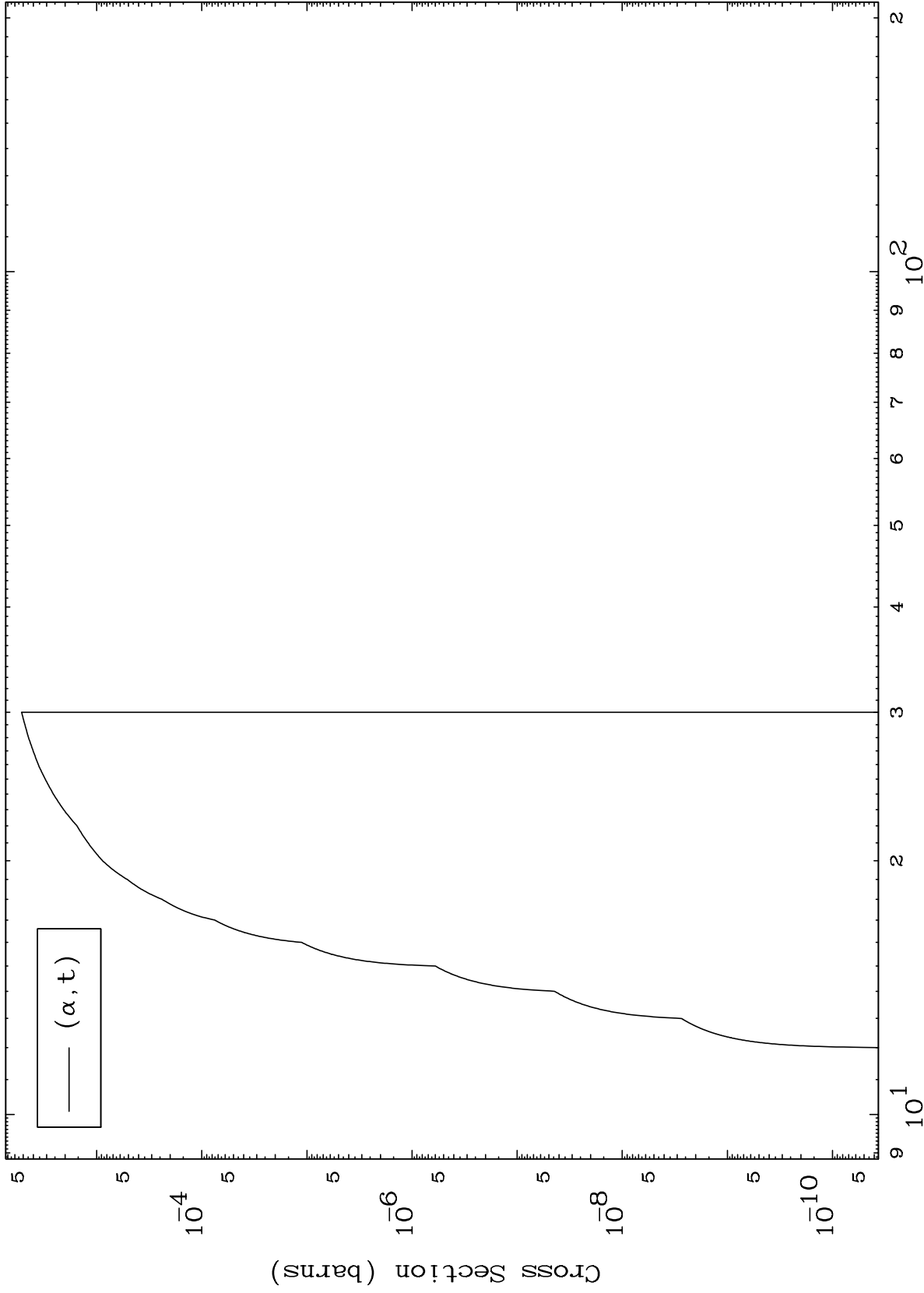


(α, d)

MAT 3540

(α, t) Levels
0 Kelvin Cross Sections

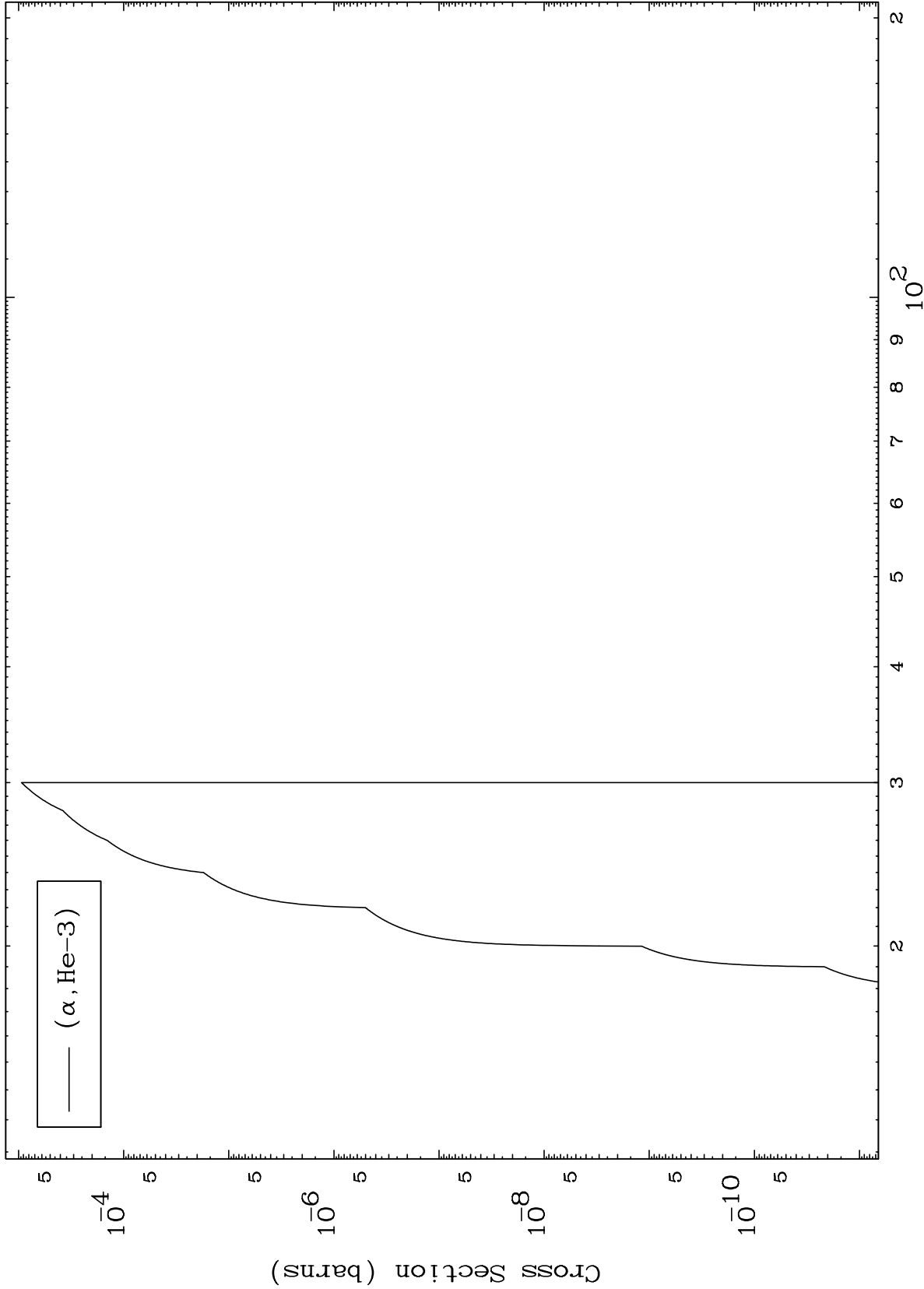
35-Br-84



Incident Energy (MeV)

35-Br-84

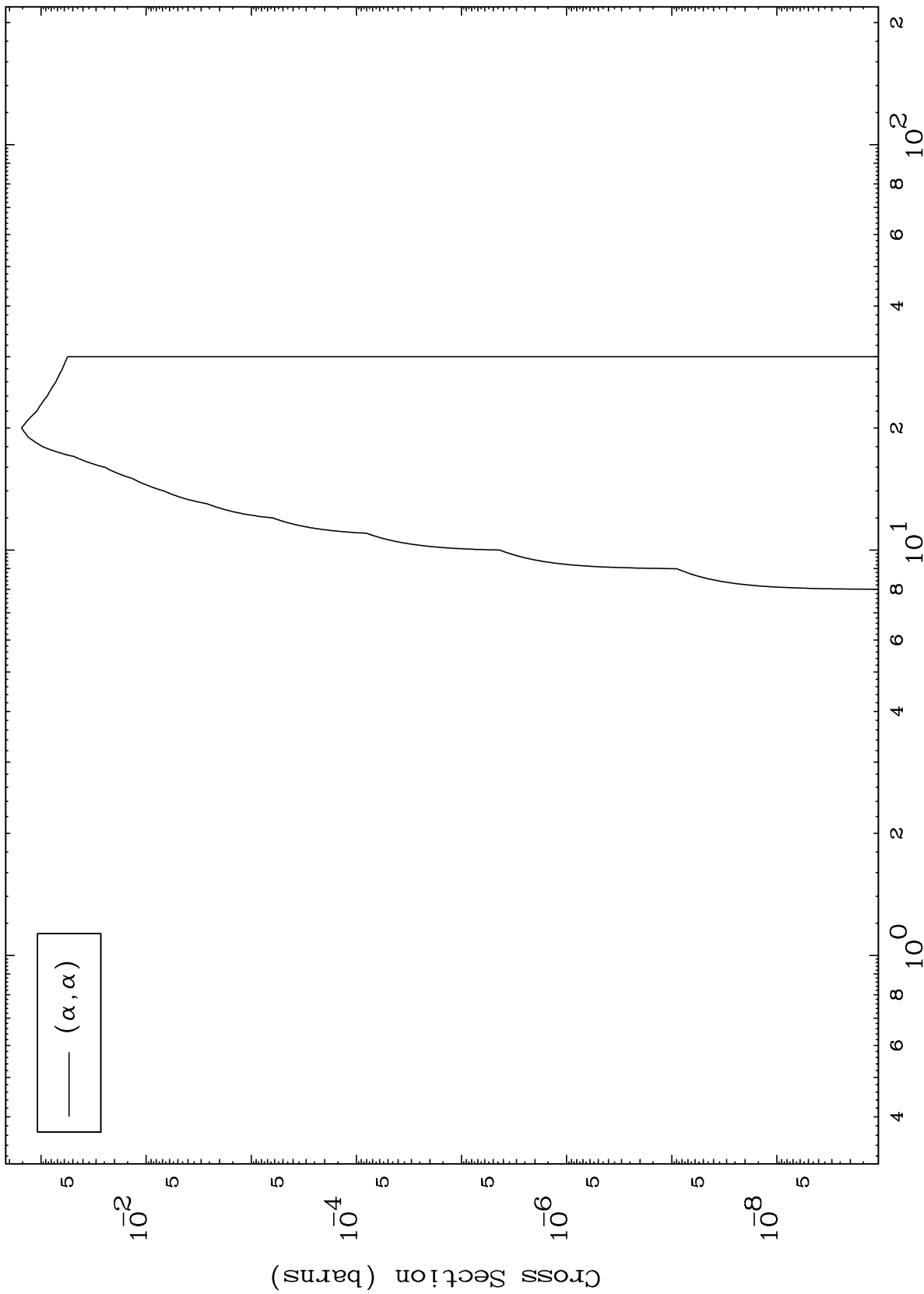
0 Kelvin Cross Sections



MAT 3540

35-Br-84

(α, α) Levels
0 Kelvin Cross Sections



35-Br-84

Incident Energy (MeV)

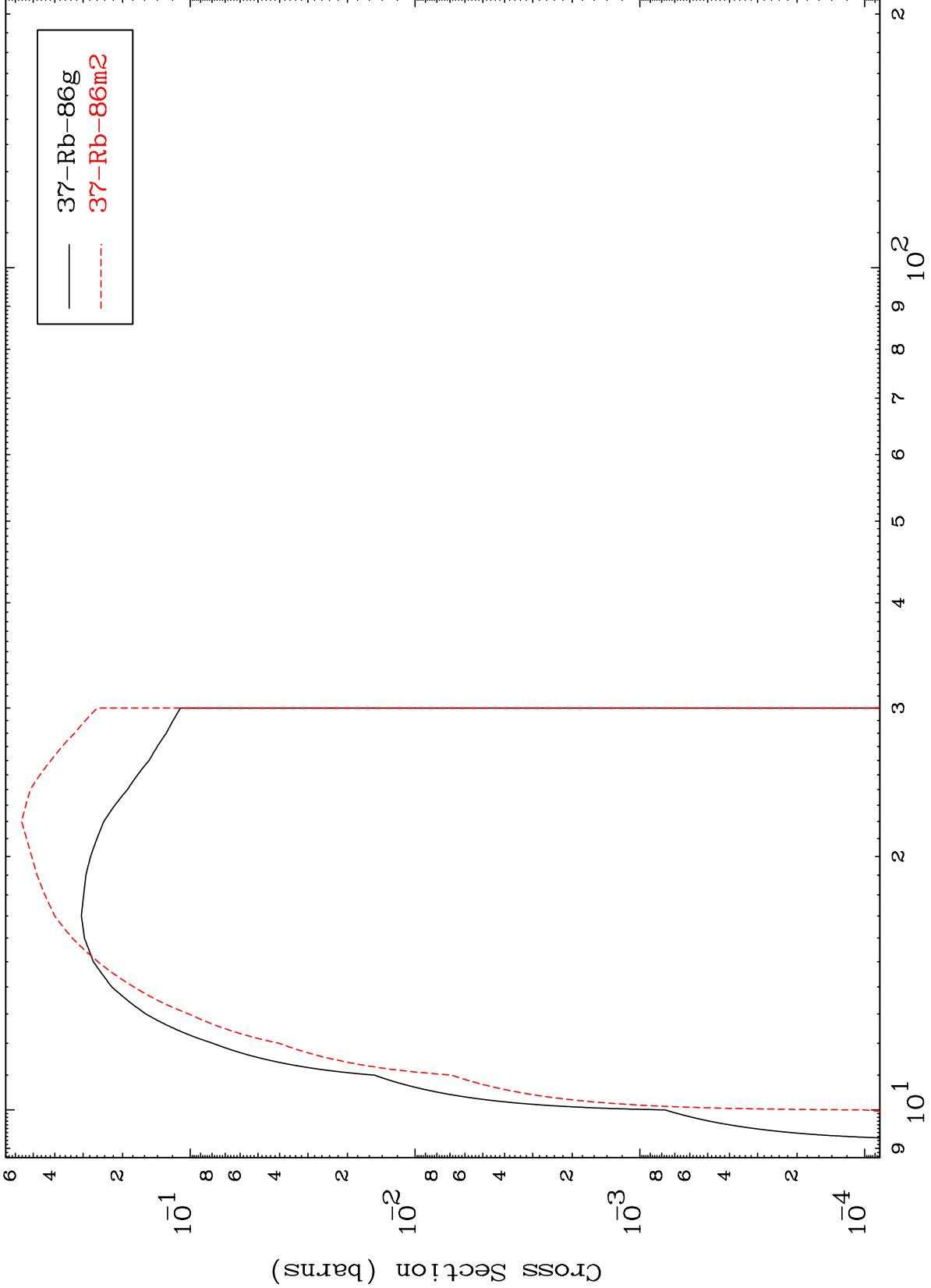
10

MAT 3540

($\alpha, 2n$)

³⁵Br-84

Radionuclide Production Cross Section



11

Incident Energy (MeV)

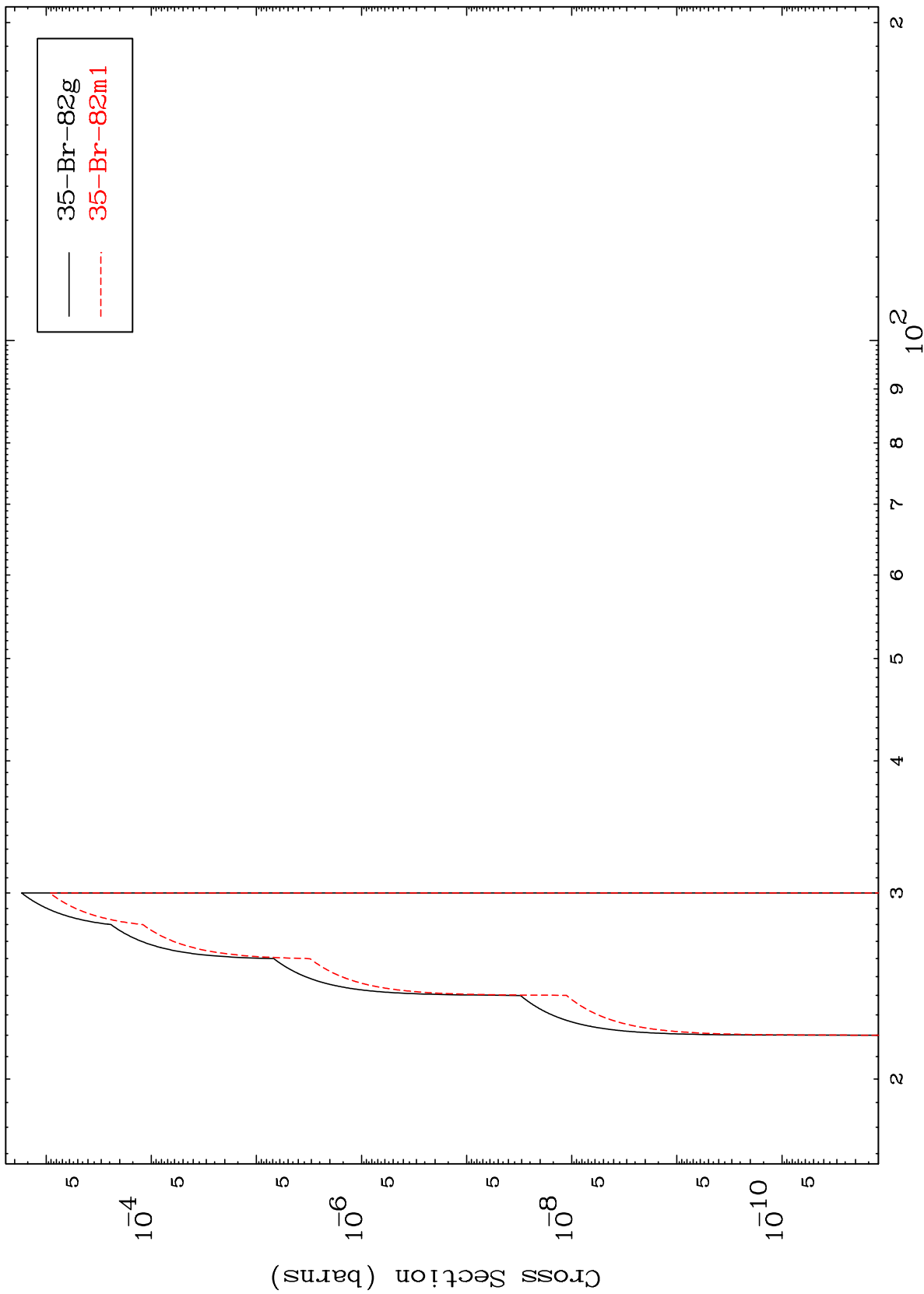
³⁵Br-84

MAT 3540

$(\alpha, 2n)$ α

$^{35}\text{Br-84}$

Radionuclide Production Cross Section



12

Incident Energy (MeV)

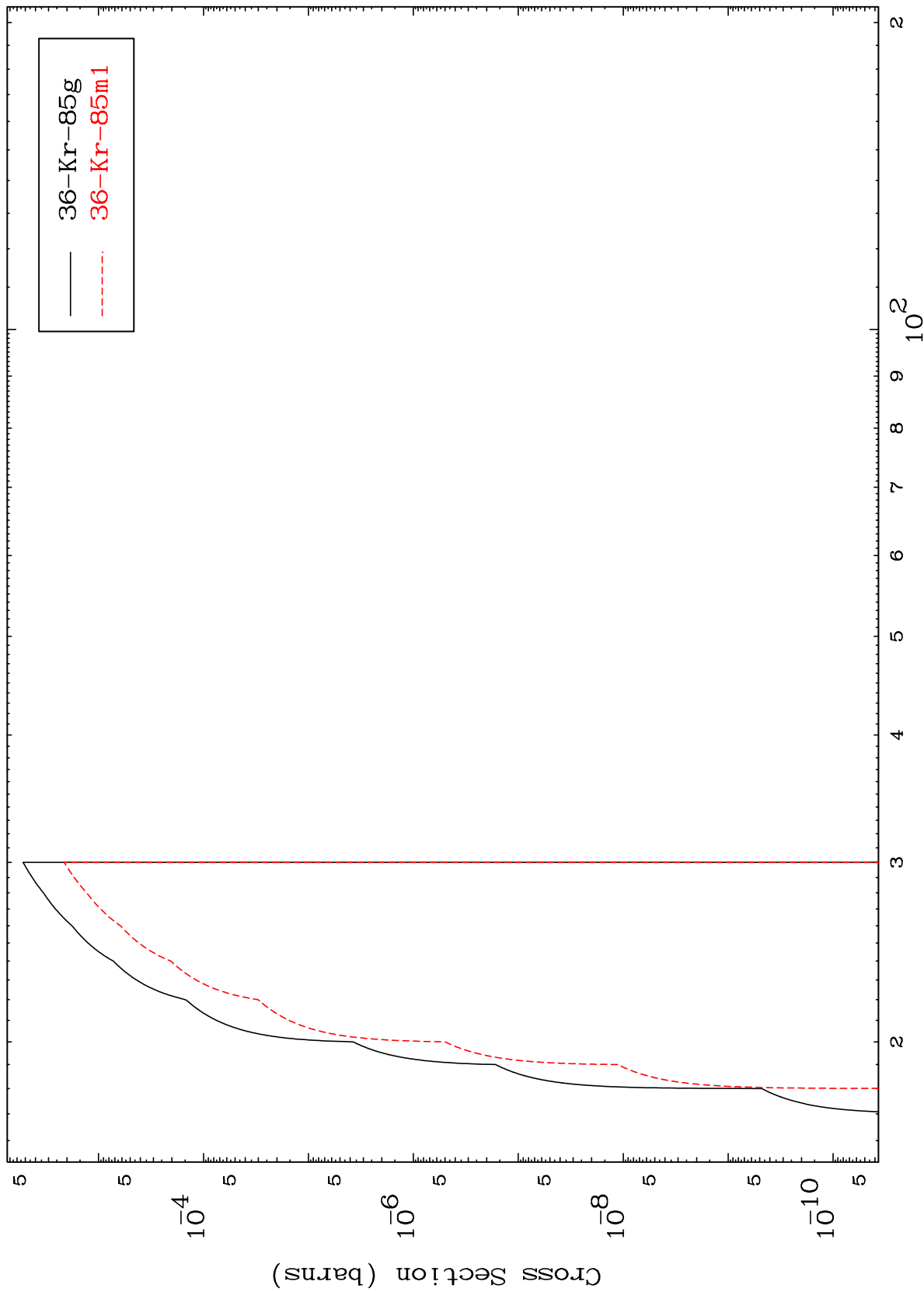
$^{35}\text{Br-84}$

MAT 3540

(α, n') d

35-Br-84

Radionuclide Production Cross Section



13

Incident Energy (MeV)

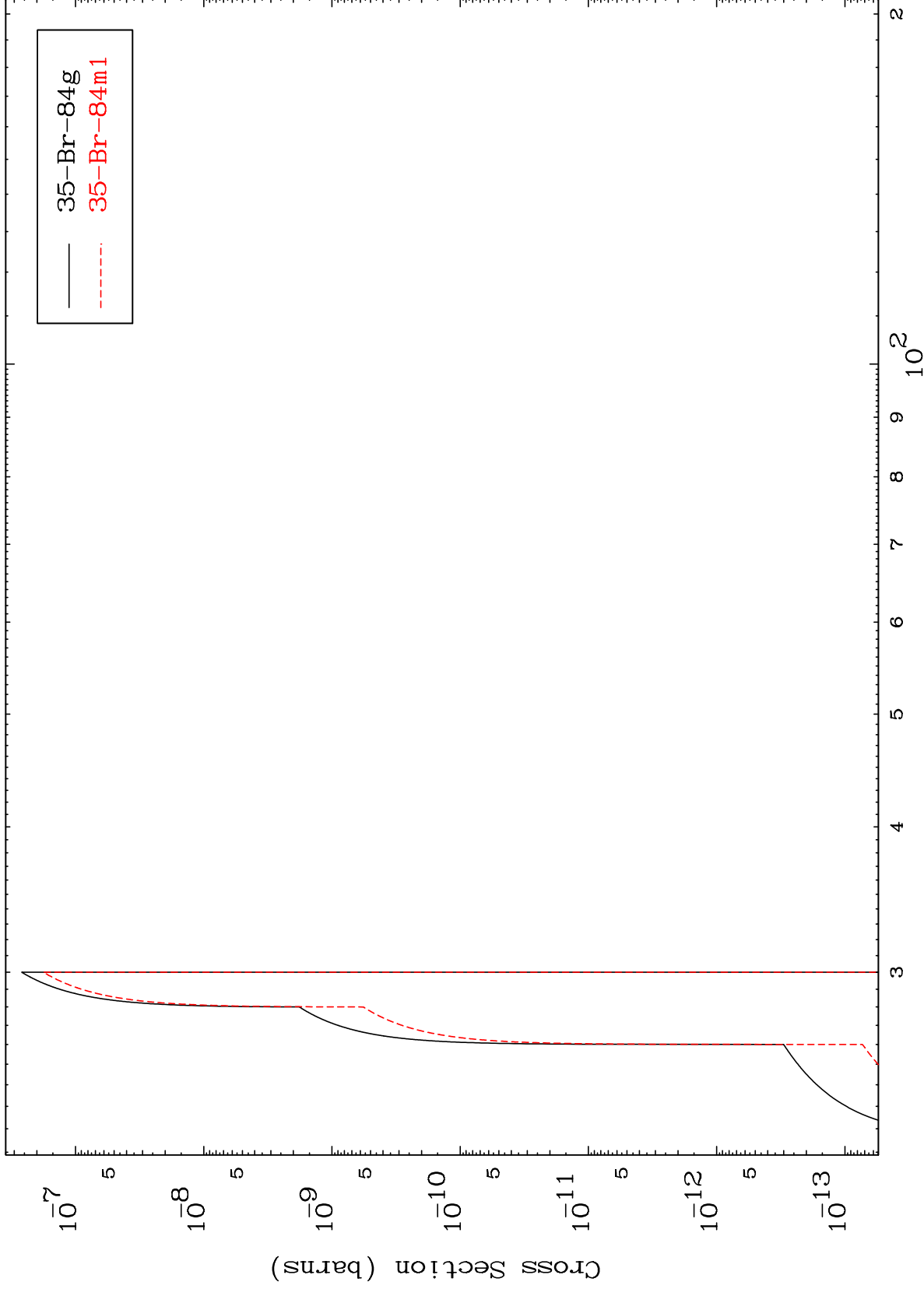
35-Br-84

MAT 3540

(α, n') He-3

35-Br-84

Radionuclide Production Cross Section



14

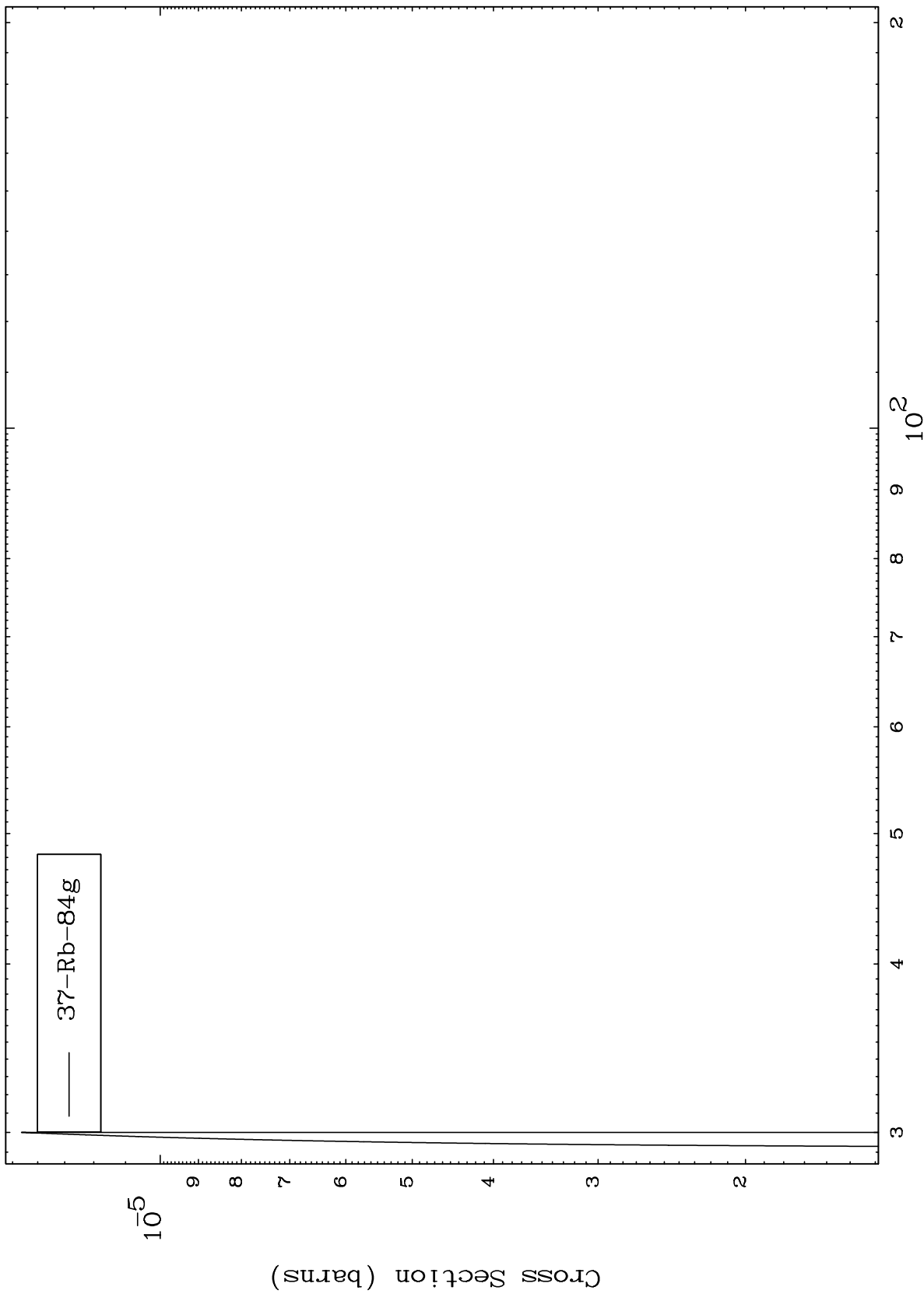
Incident Energy (MeV)

35-Br-84

MAT 3540

35-Br-84

($\alpha, 4n$)
Radionuclide Production Cross Section



35-Br-84

Incident Energy (MeV)

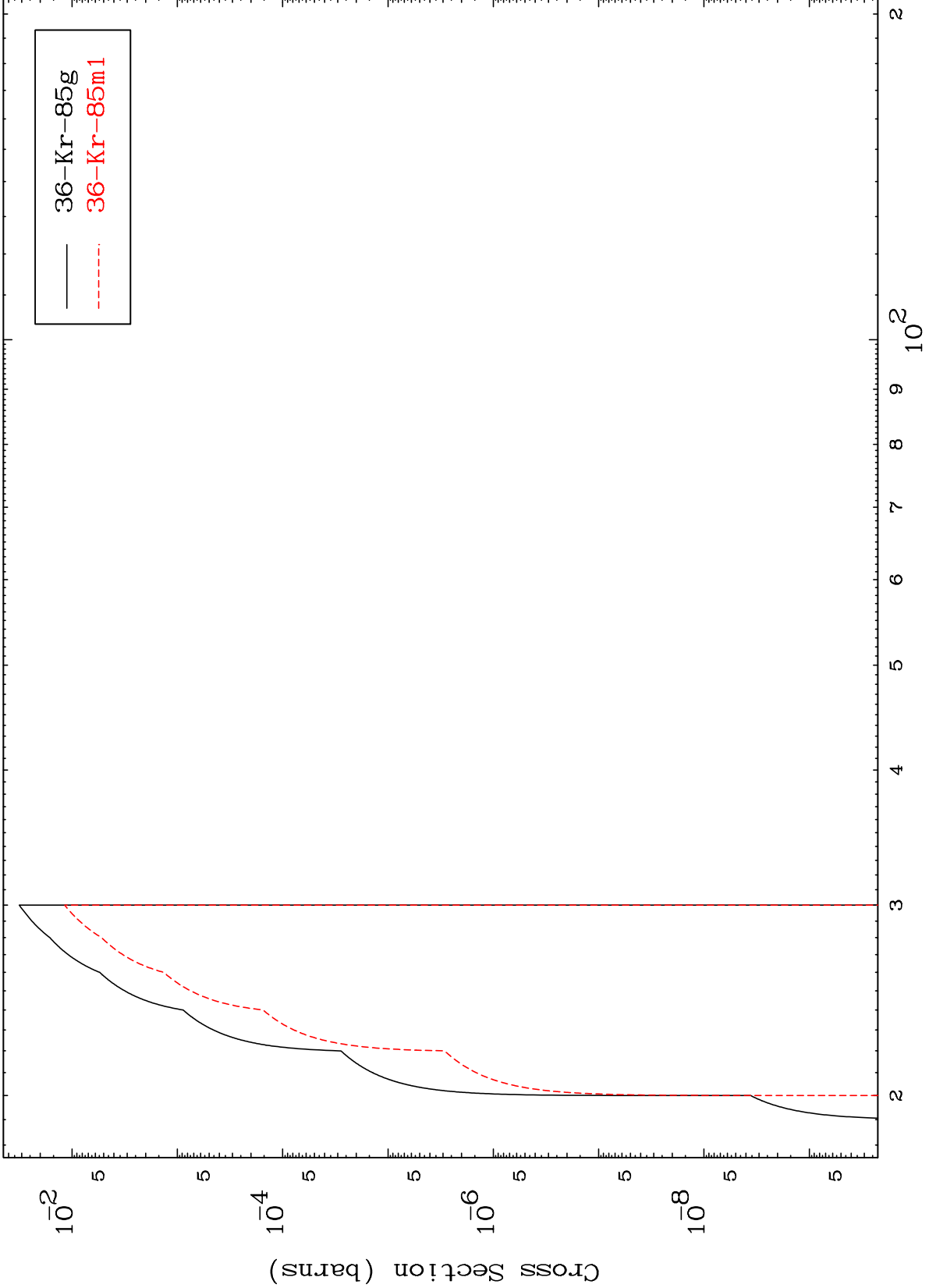
15

MAT 3540

$(\alpha, 2n)$ p

35-Br-84

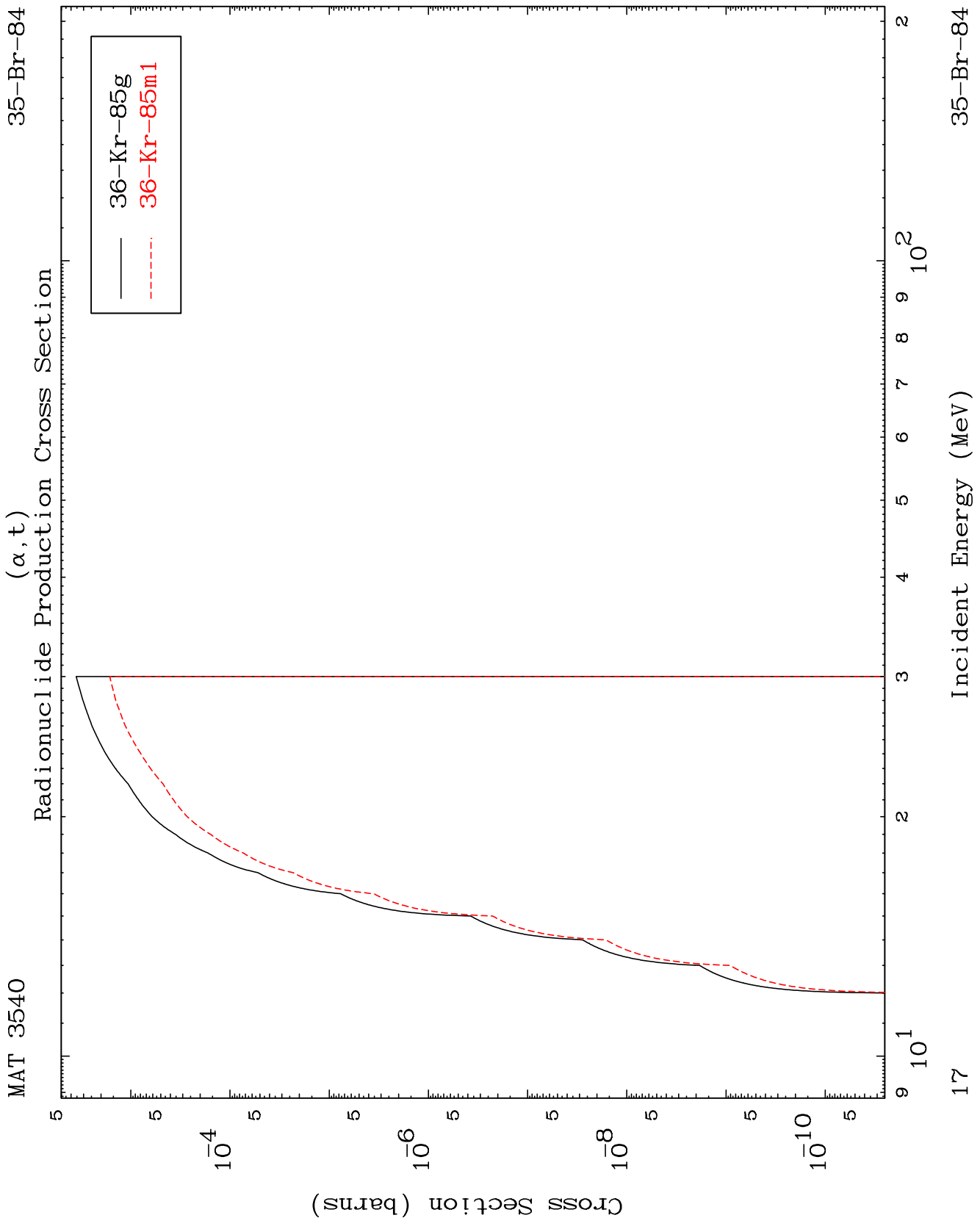
Radionuclide Production Cross Section



16

Incident Energy (MeV)

35-Br-84

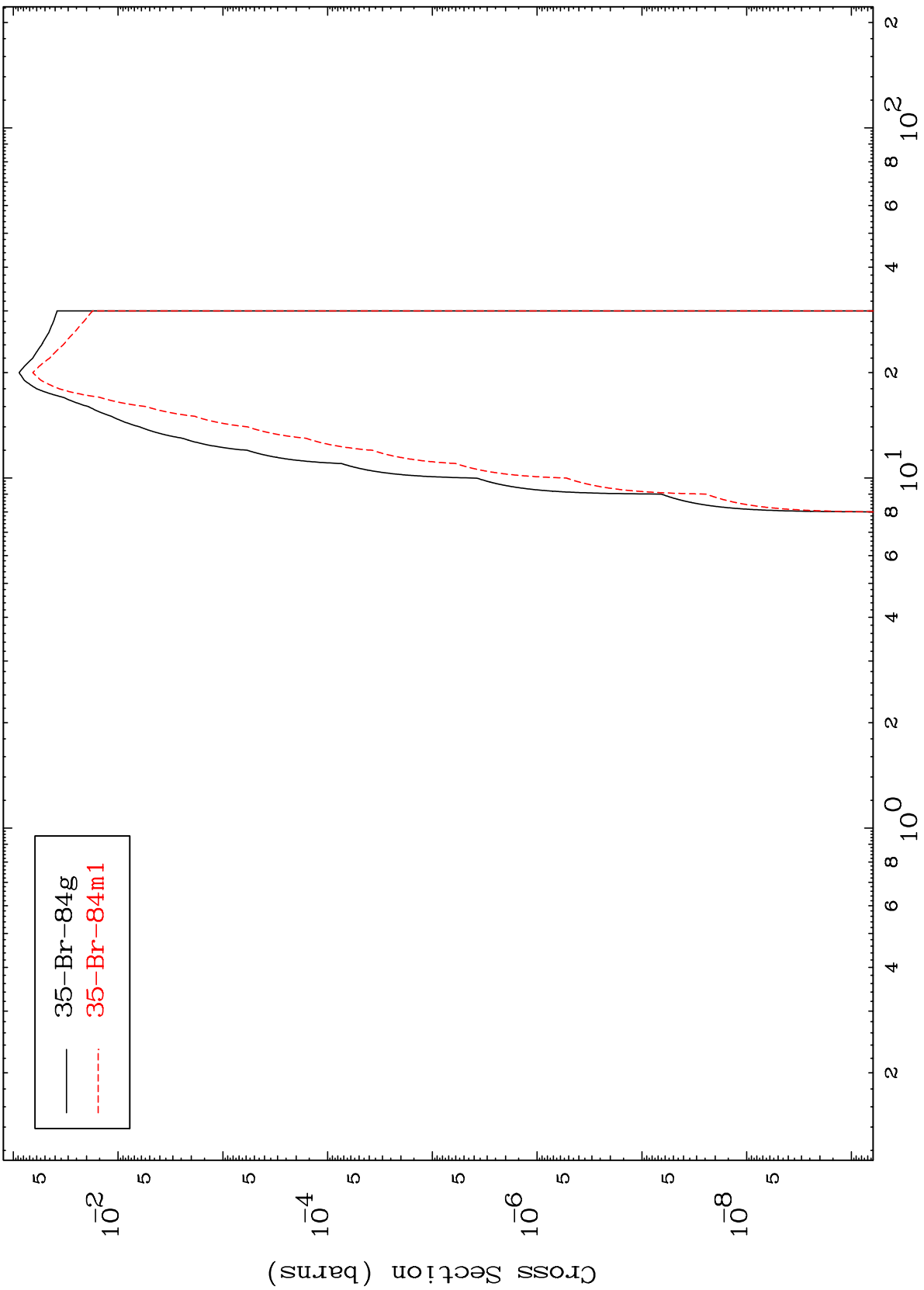


MAT 3540

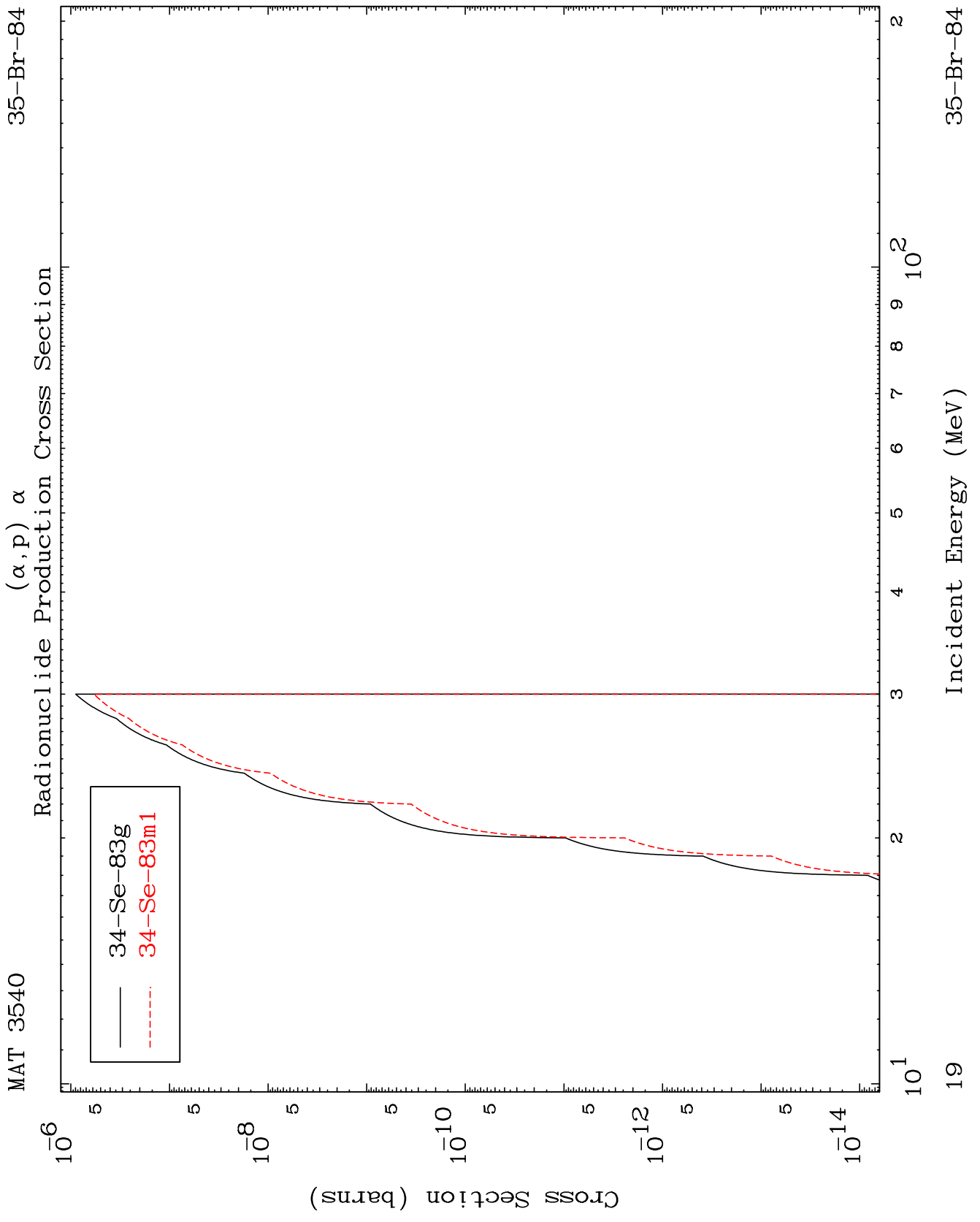
(α, α)

³⁵Br-84

Radionuclide Production Cross Section



— 35-Br-84g
- - - 35-Br-84m1

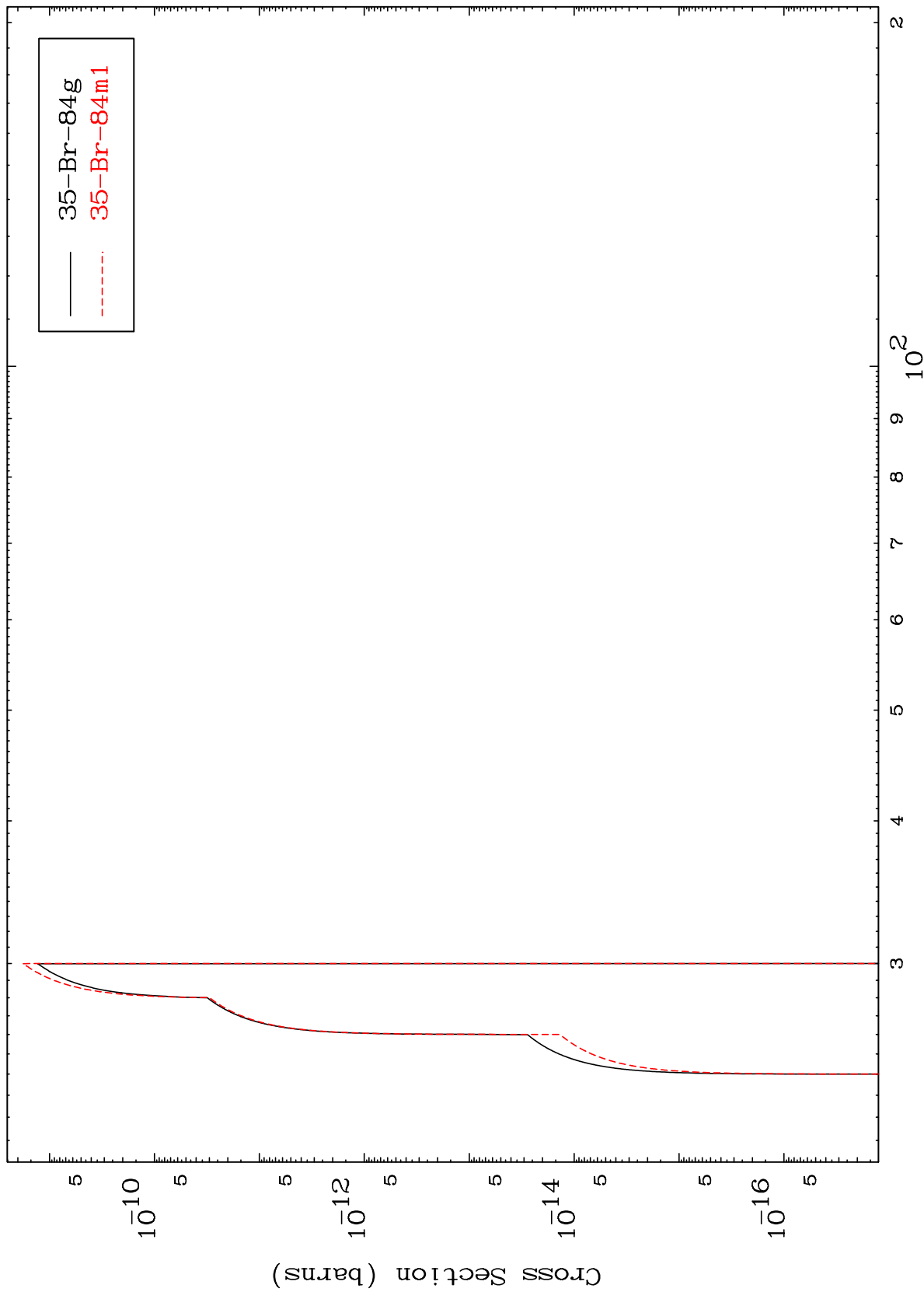


MAT 3540

35-Br-84

(α, p) t

Radionuclide Production Cross Section



20

Incident Energy (MeV)

35-Br-84