

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

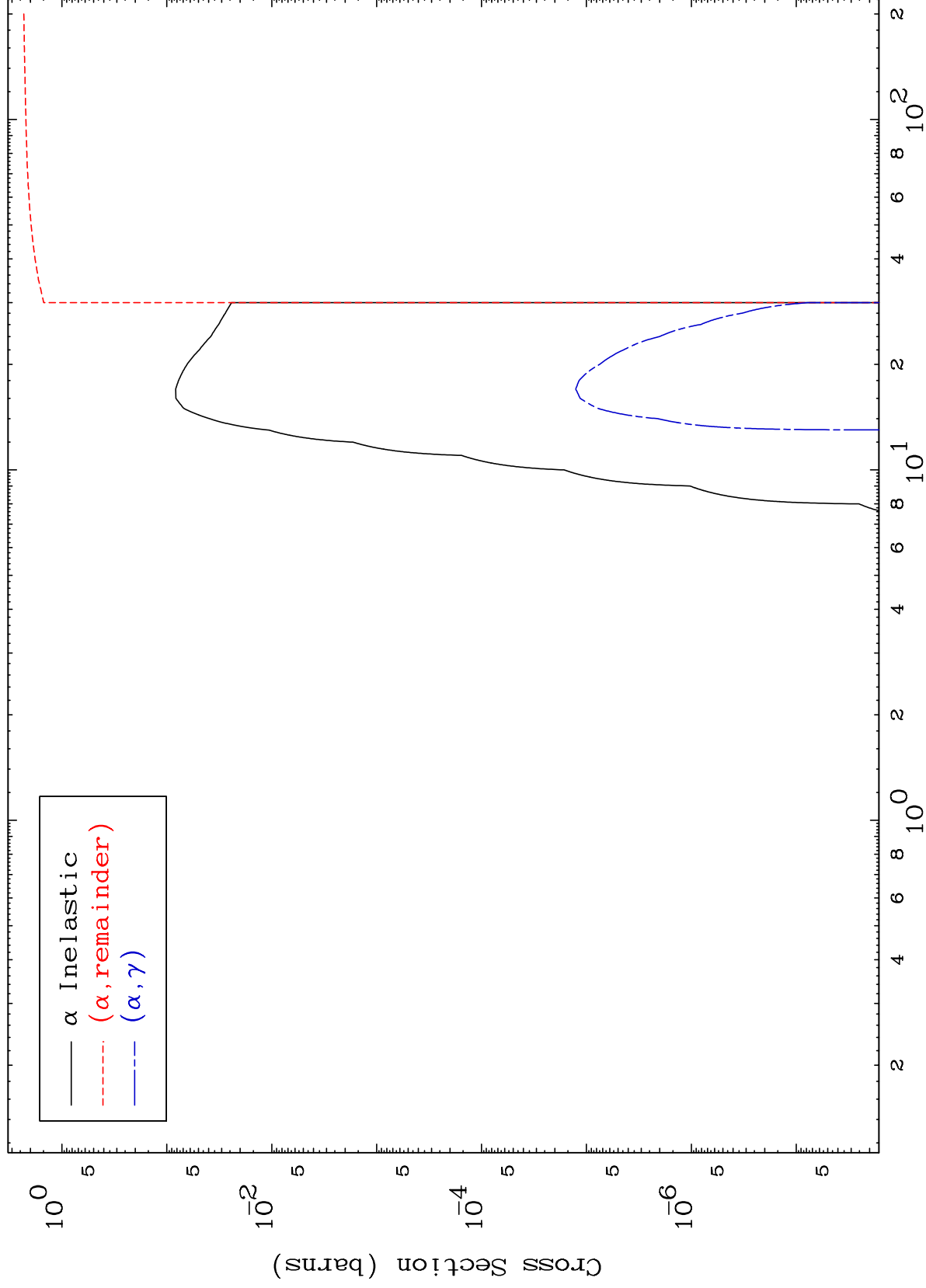
Press Mouse Button to Start

MAT 5341

α Major

53-I -132

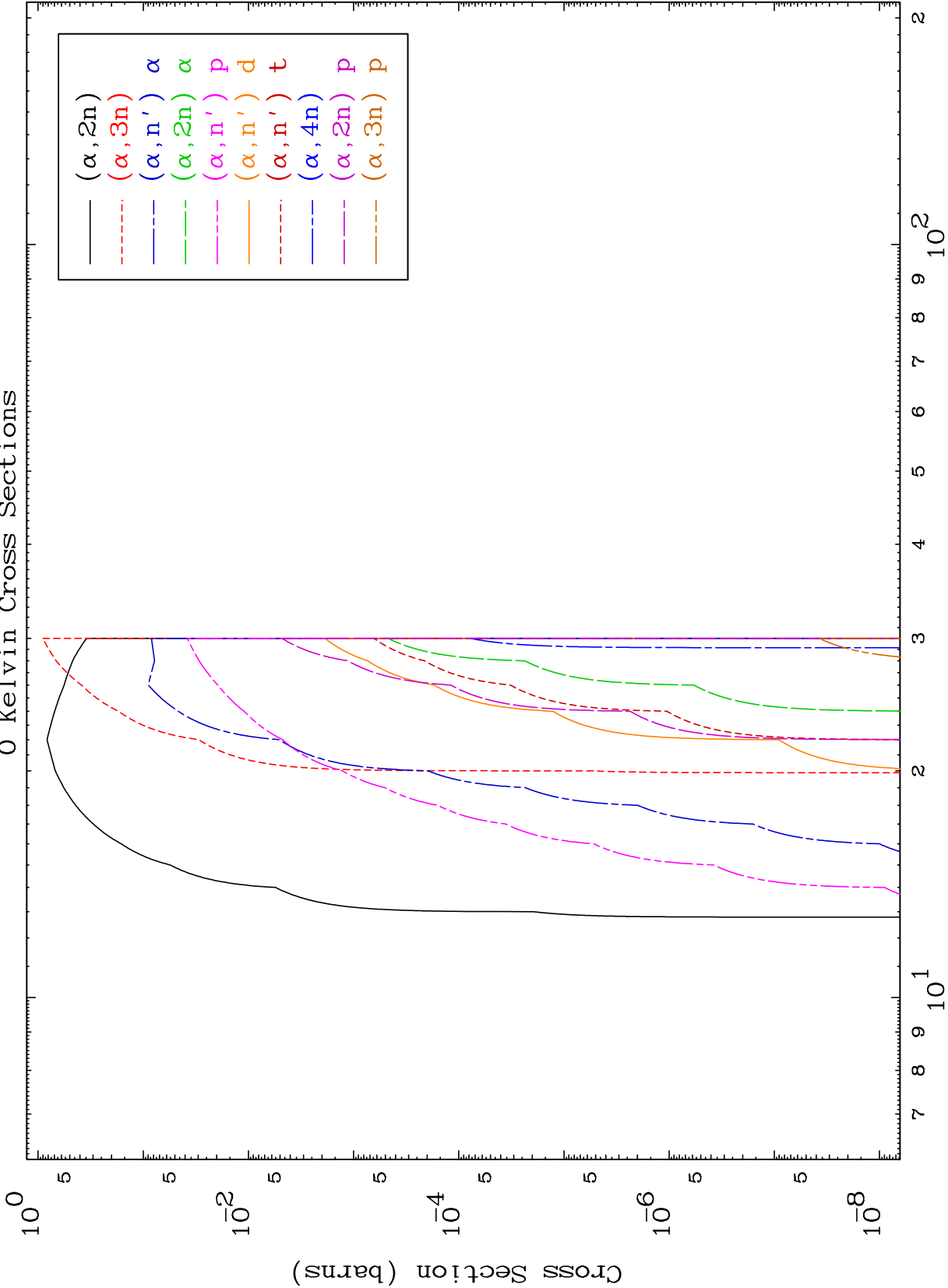
0 Kelvin Cross Sections



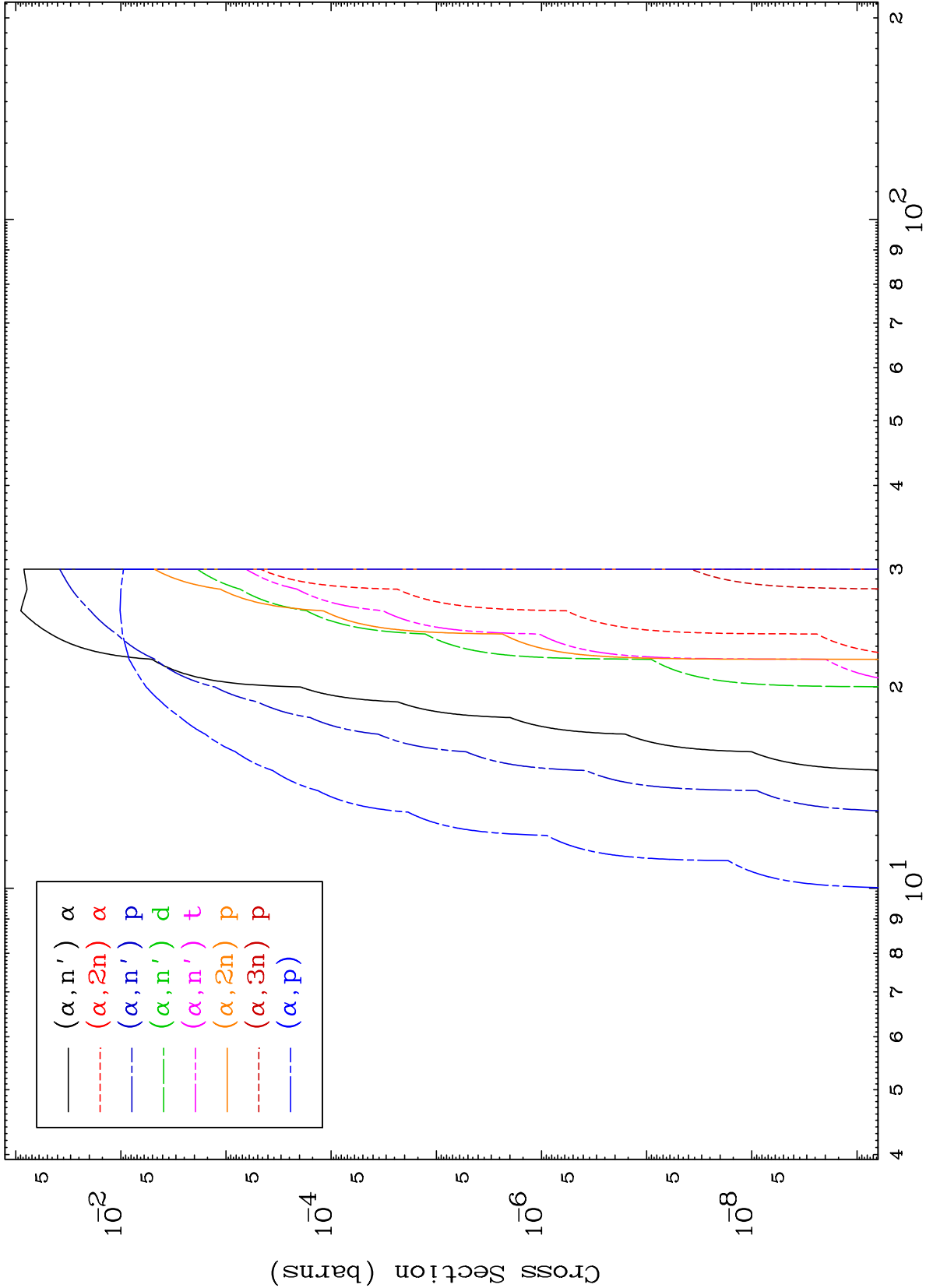
1

Incident Energy (MeV)

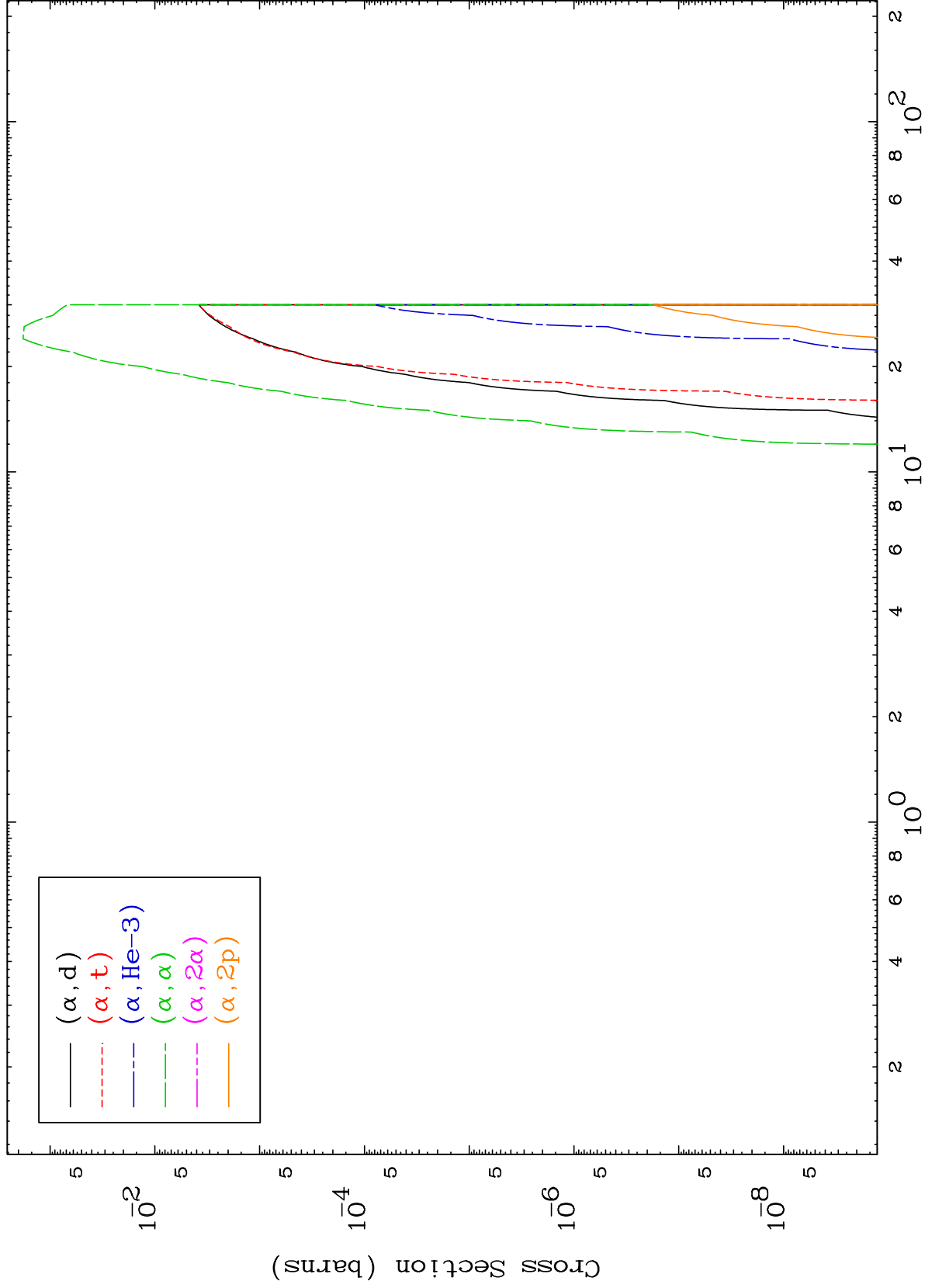
53-I -132



0 Kelvin Cross Sections



0 Kelvin Cross Sections

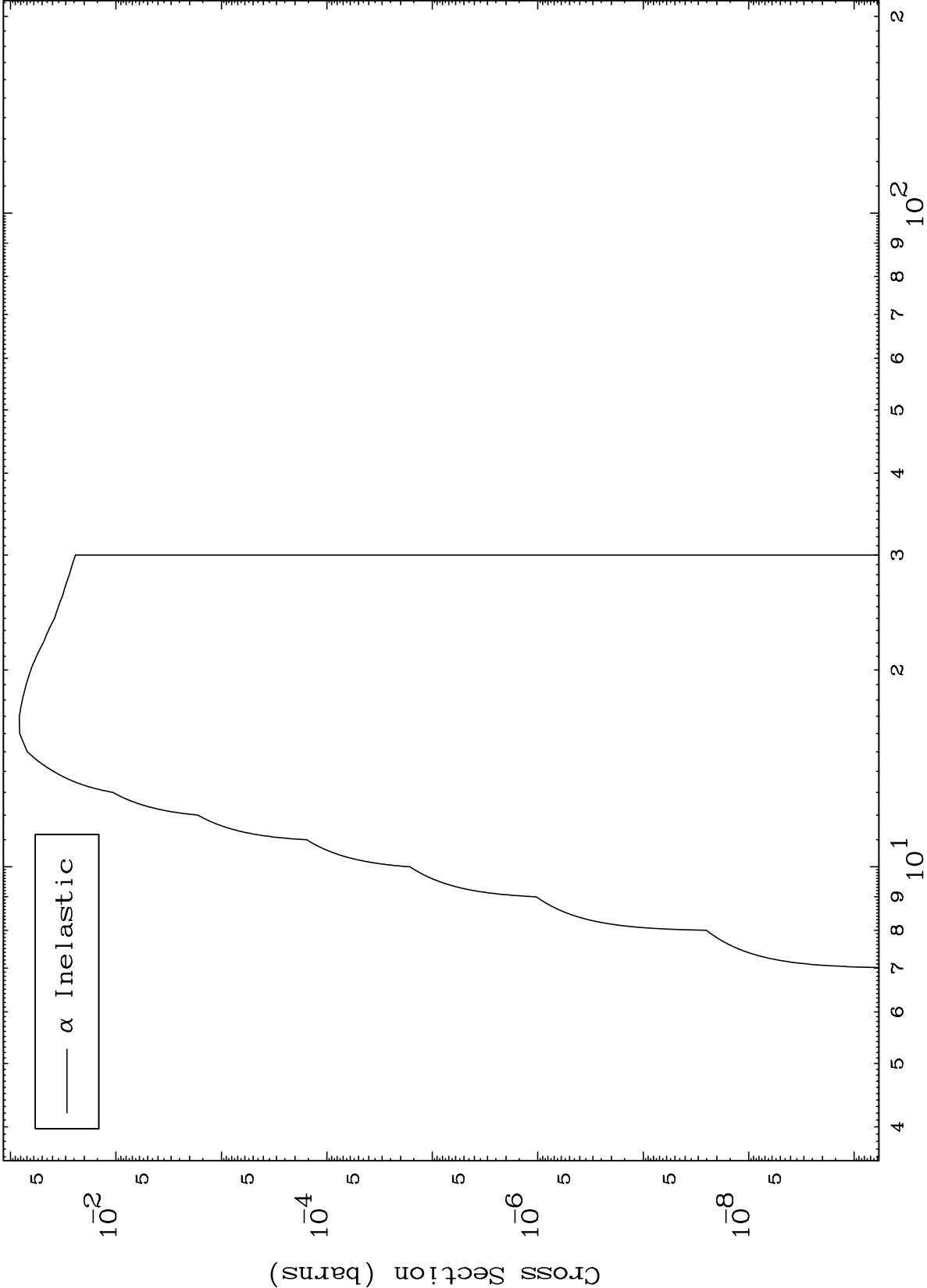


MAT 5341

(α, n') Level

53-I -132

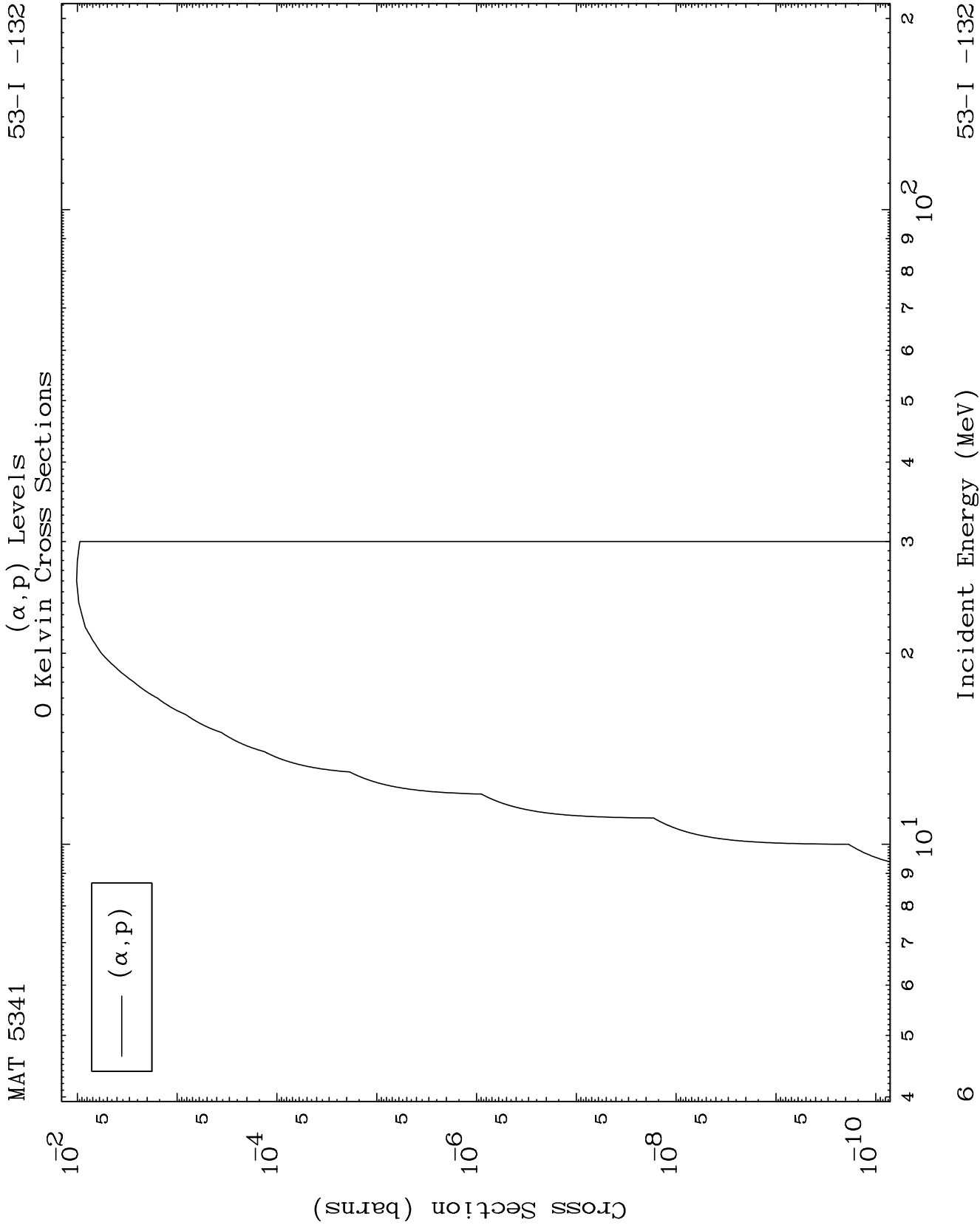
0 Kelvin Cross Sections



5

Incident Energy (MeV)

53-I -132

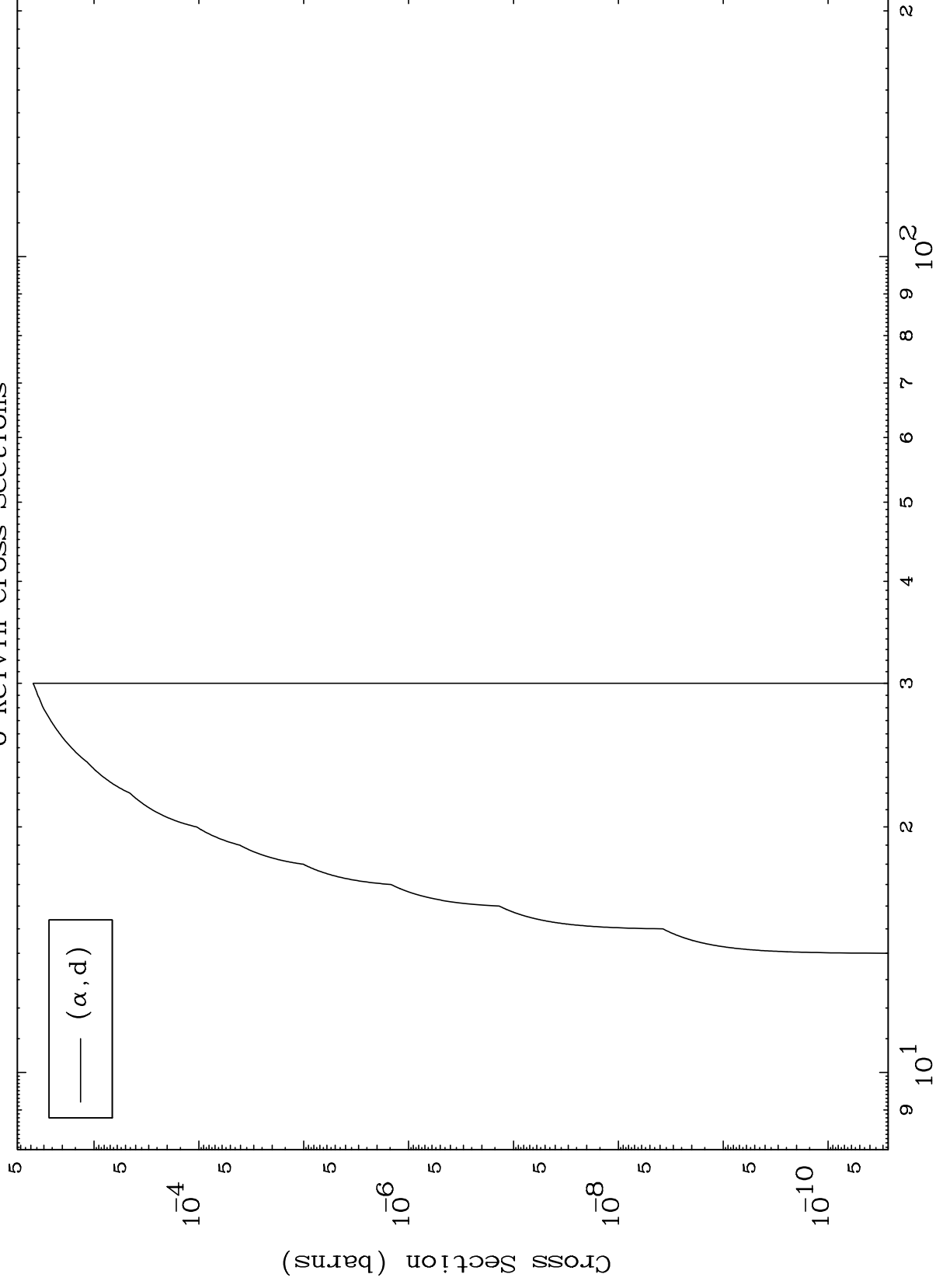


MAT 5341

(α ,d) Levels

53-I -132

0 Kelvin Cross Sections



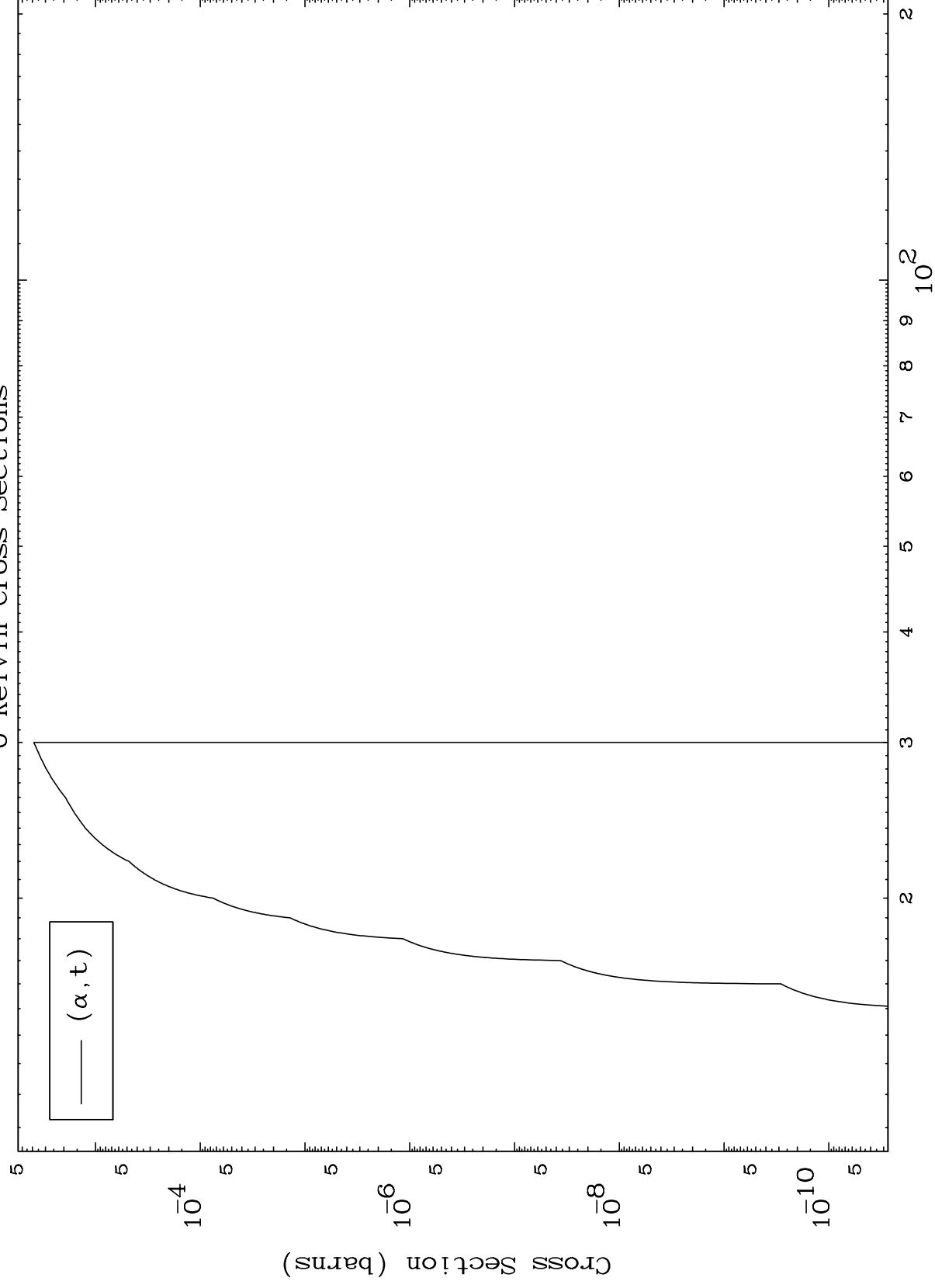
(α ,d)

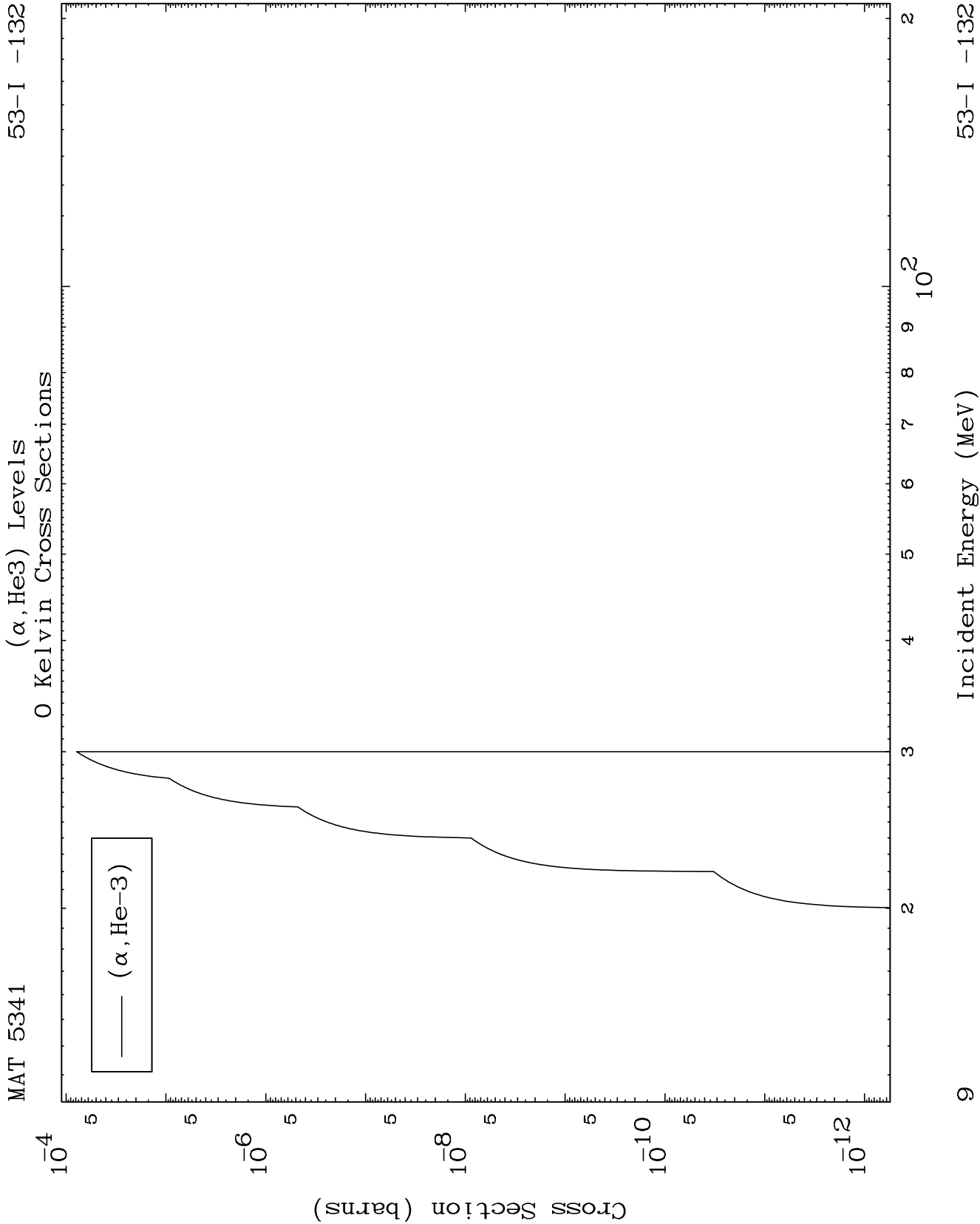
7

Incident Energy (MeV)

53-I -132

(α, t) Levels
0 Kelvin Cross Sections



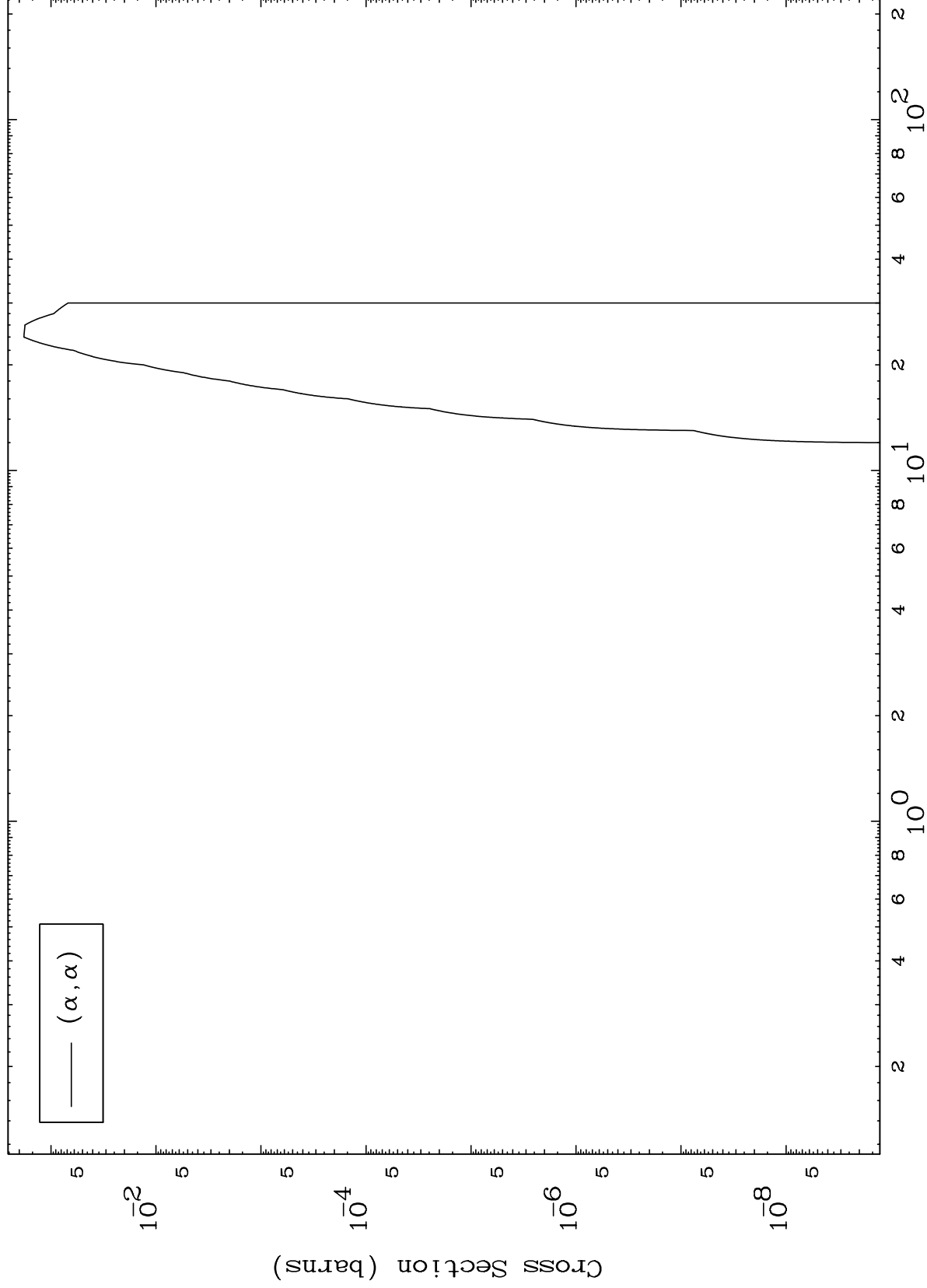


MAT 5341

(α, α) Levels

53-I -132

0 Kelvin Cross Sections



10

Incident Energy (MeV)

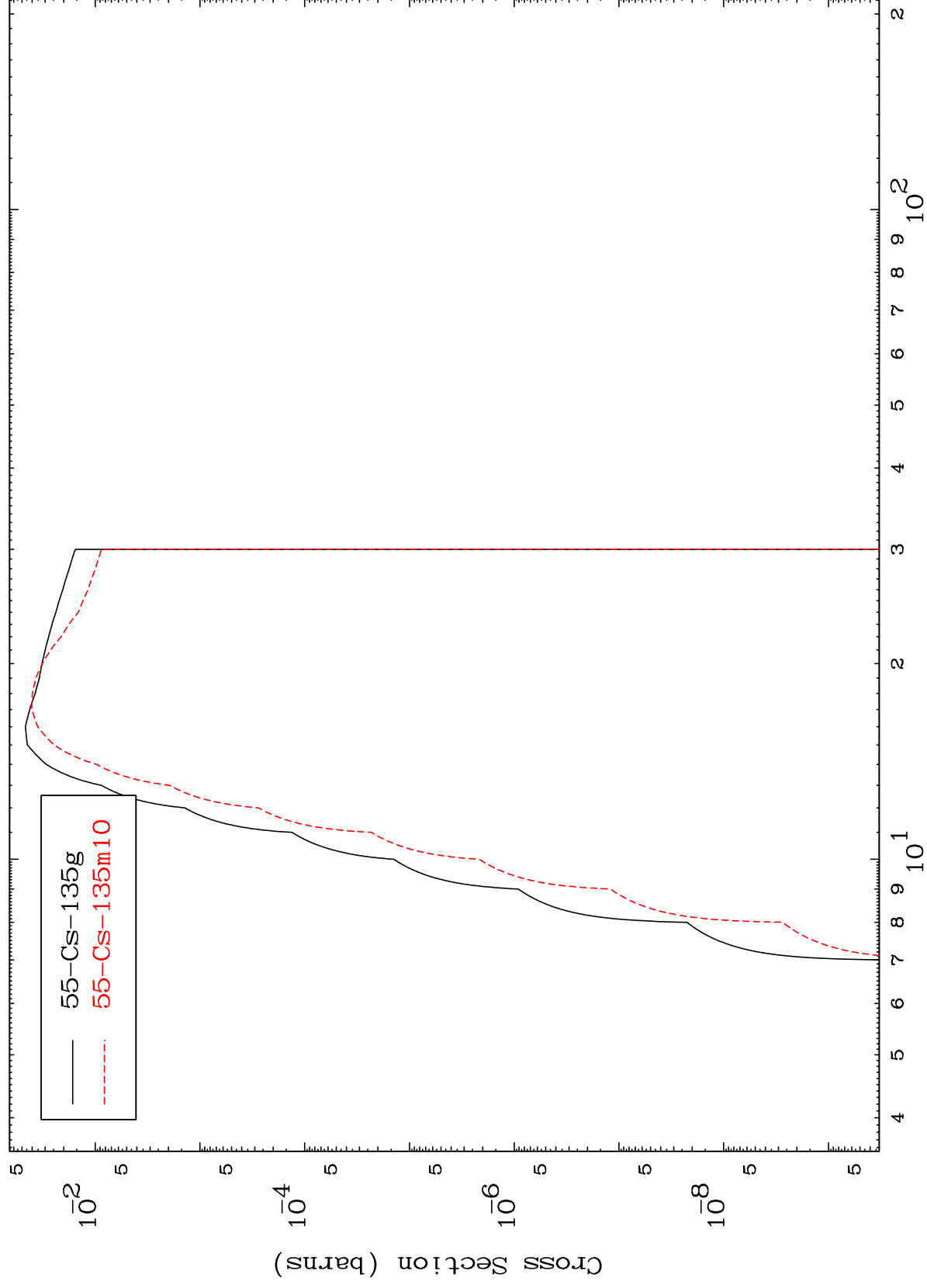
53-I -132

MAT 5341

α Inelastic

53-I -132

Radionuclide Production Cross Section



11

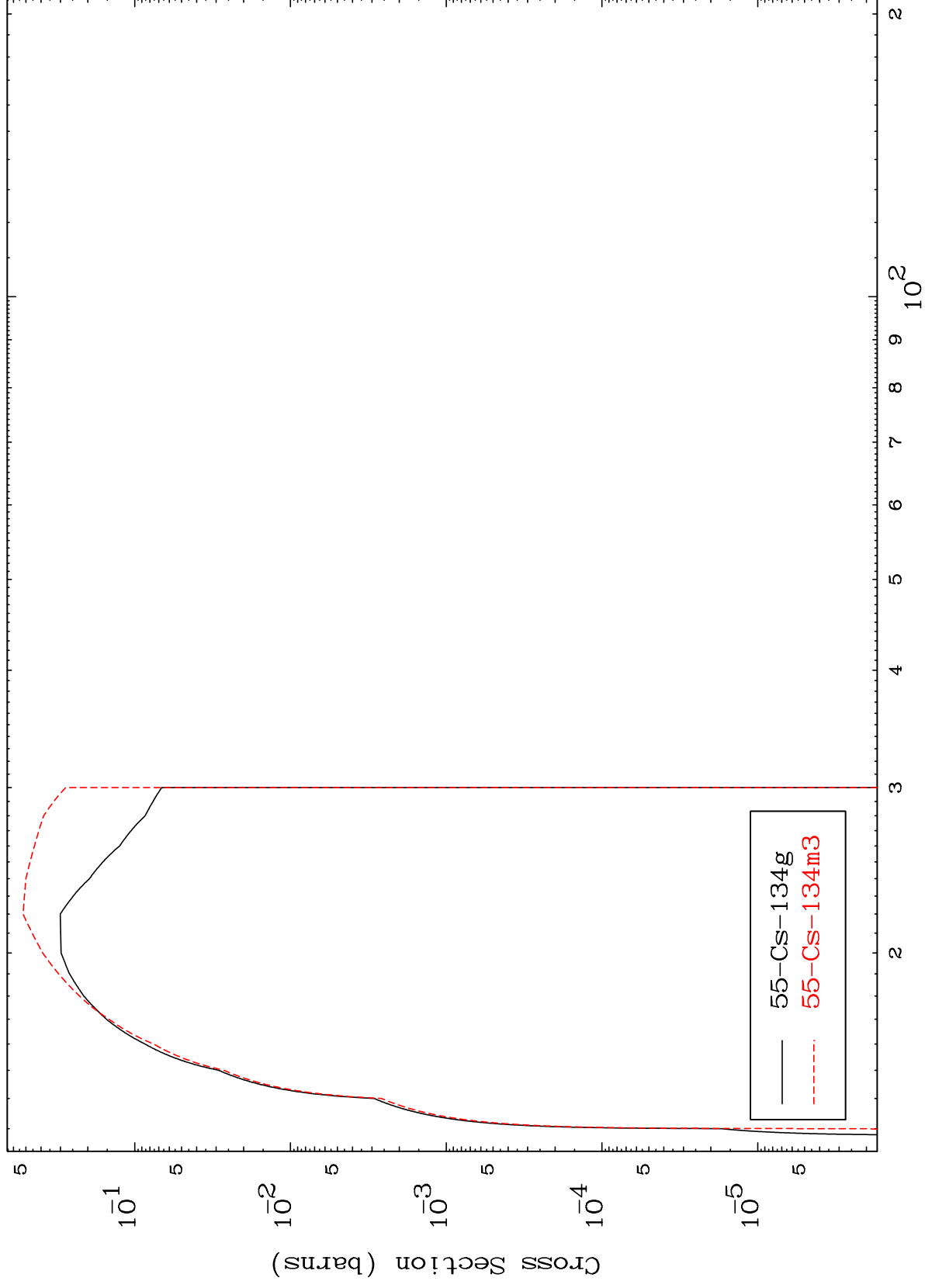
Incident Energy (MeV)

53-I -132

MAT 5341

53-I -132

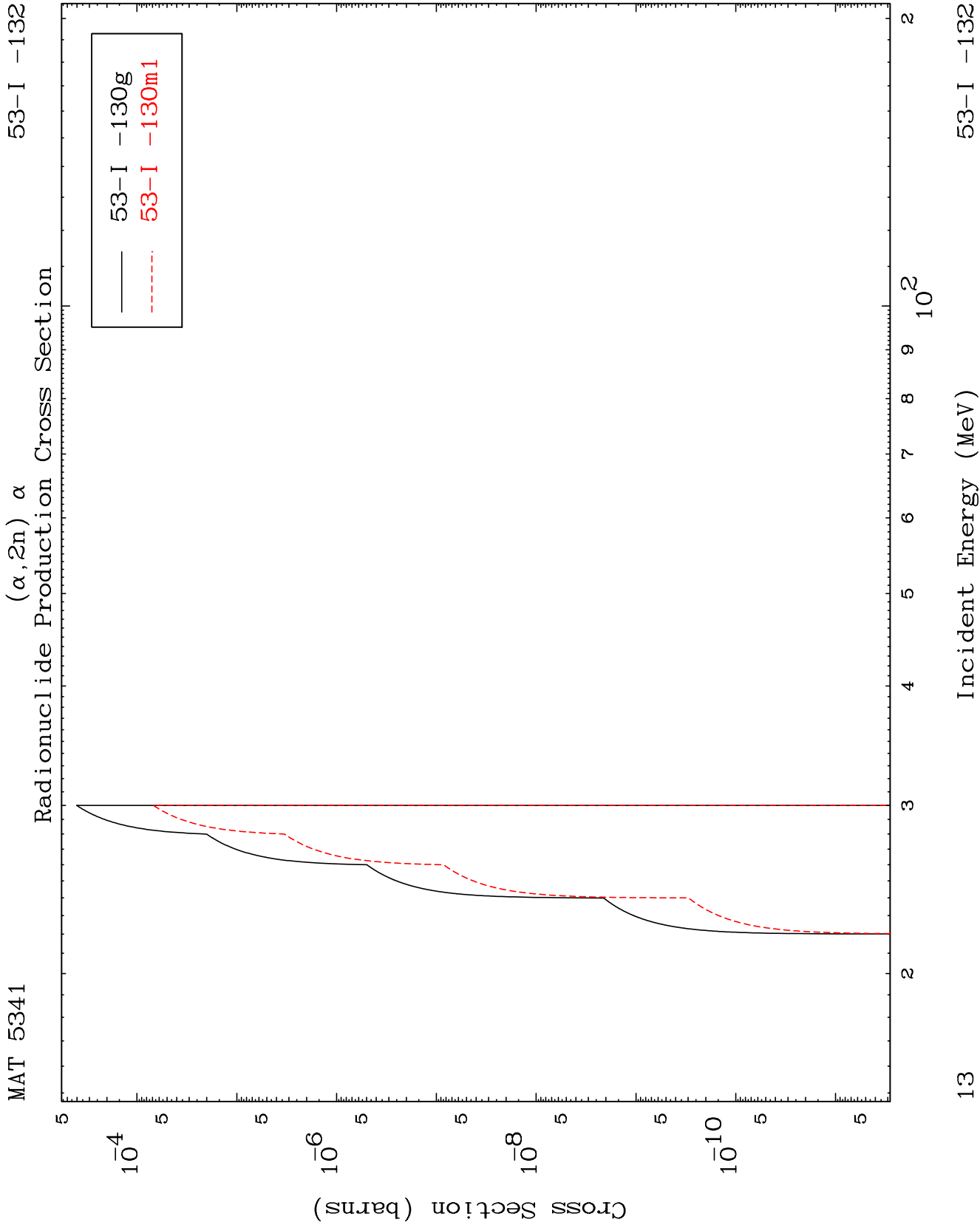
$(\alpha, 2n)$
Radionuclide Production Cross Section



12

Incident Energy (MeV)

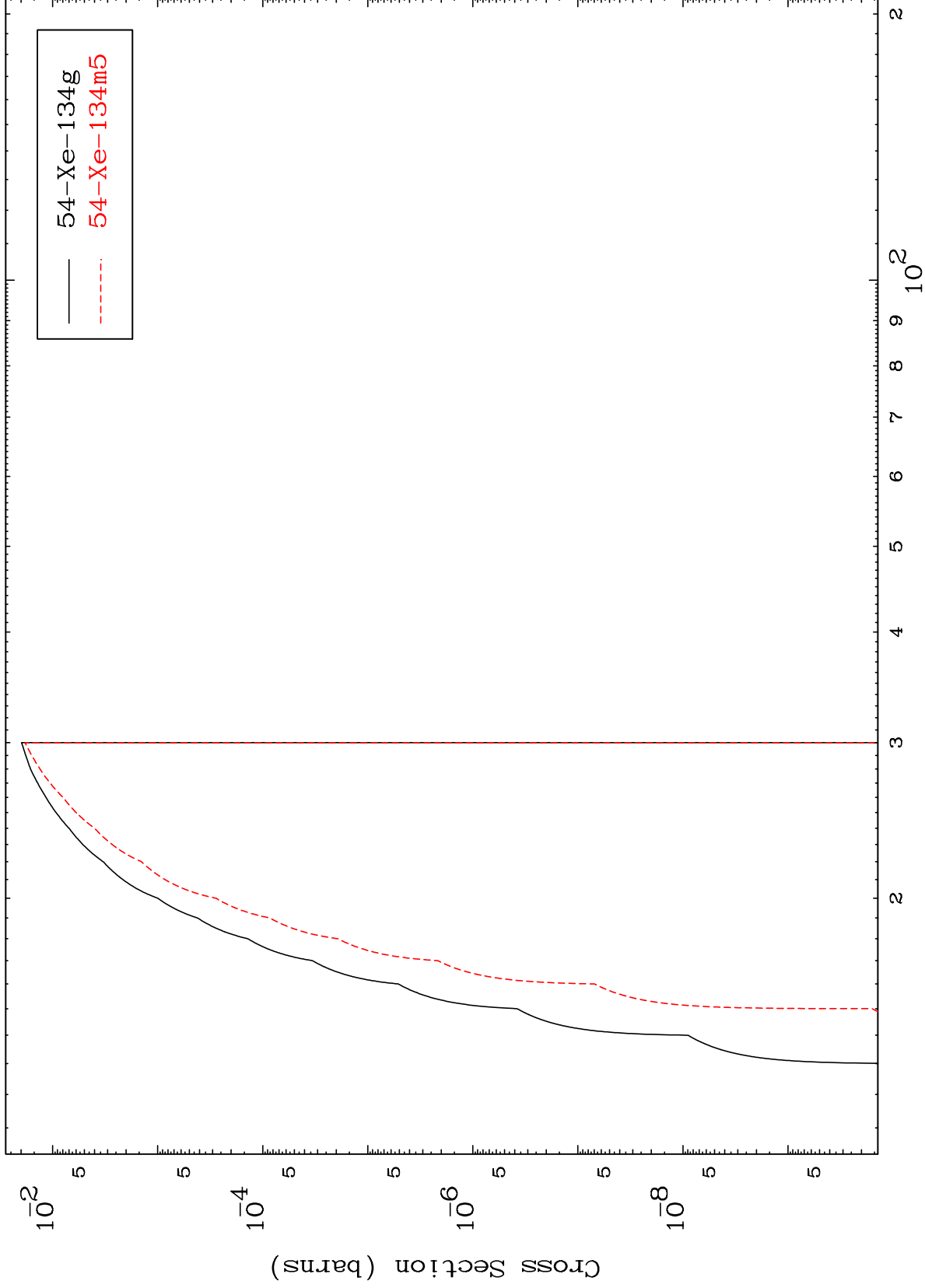
53-I -132



MAT 5341

53-I -132

(α, n') p
Radionuclide Production Cross Section



14

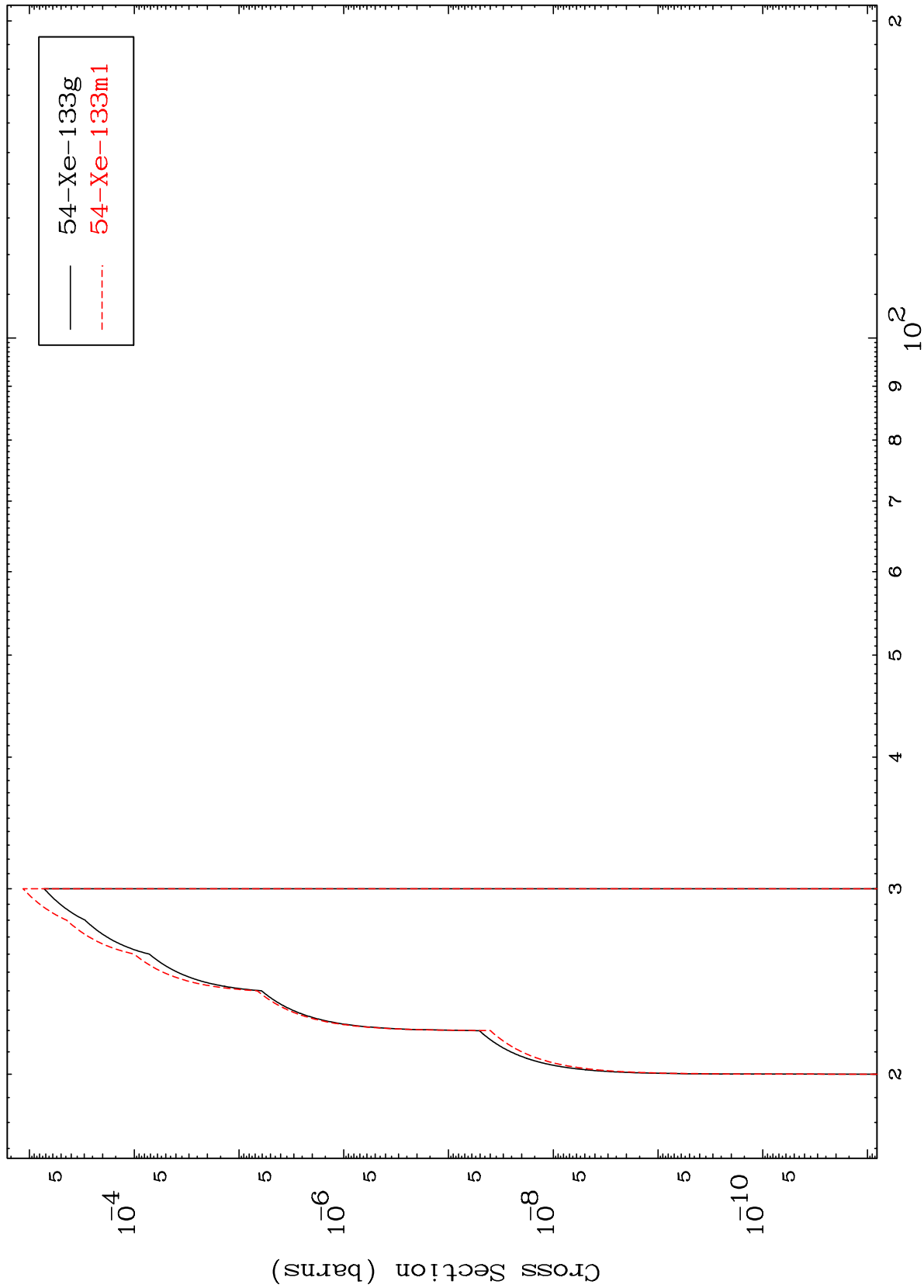
Incident Energy (MeV)

53-I -132

MAT 5341

53-I -132

(α, n') d
Radionuclide Production Cross Section



15

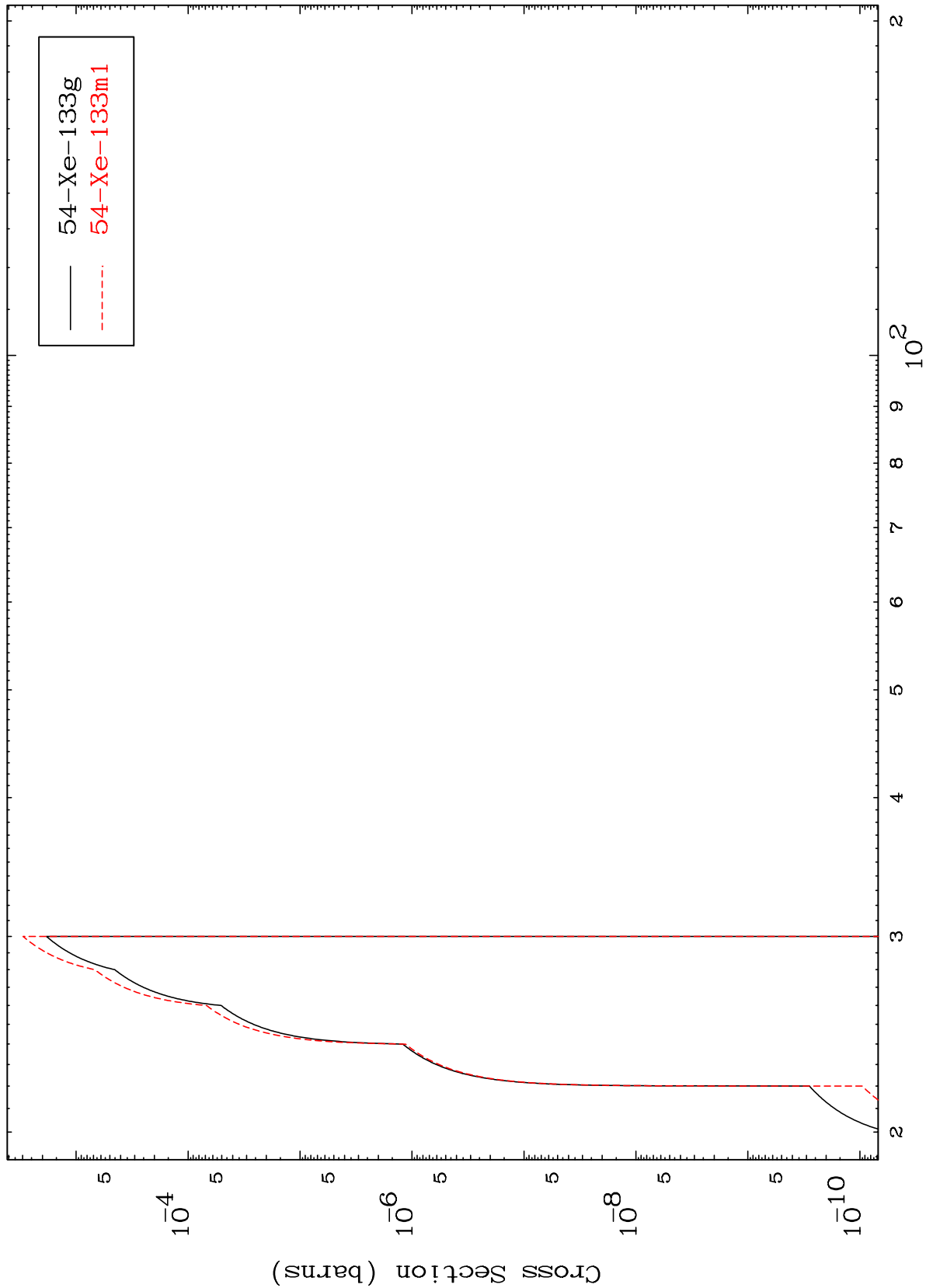
Incident Energy (MeV)

53-I -132

MAT 5341

53-I -132

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



53-I -132

Incident Energy (MeV)

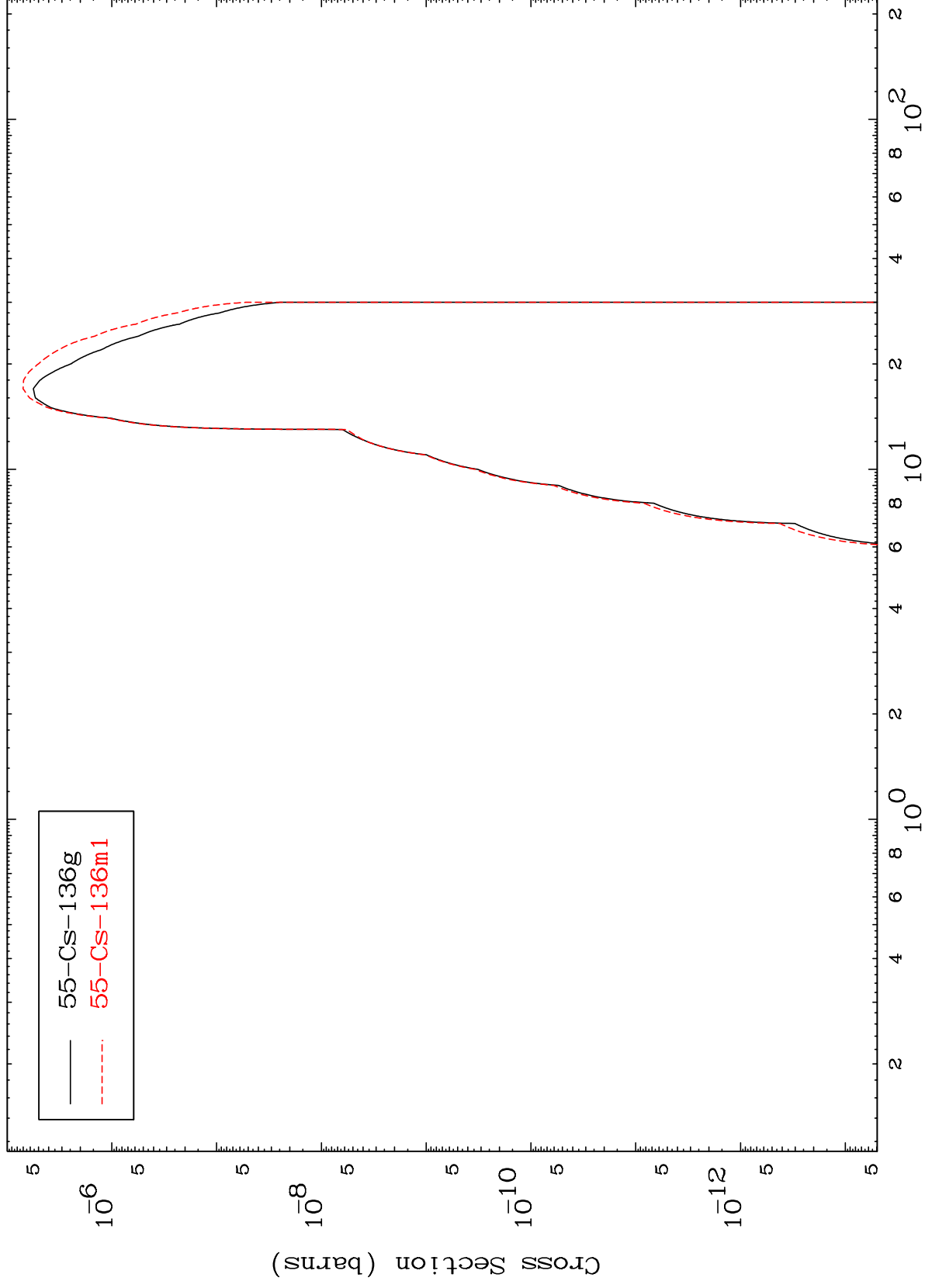
16

MAT 5341

(α, γ)

53-I -132

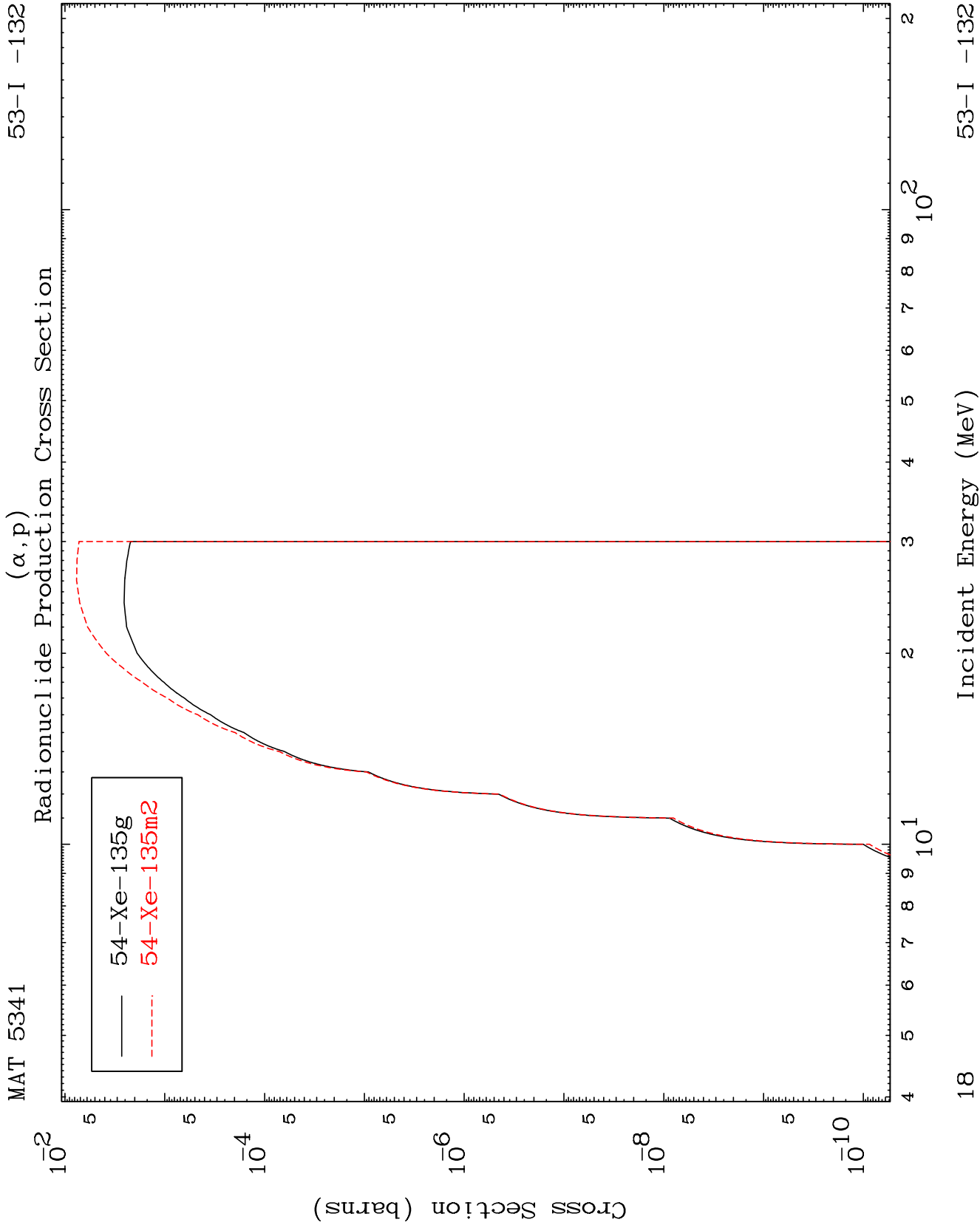
Radionuclide Production Cross Section



17

Incident Energy (MeV)

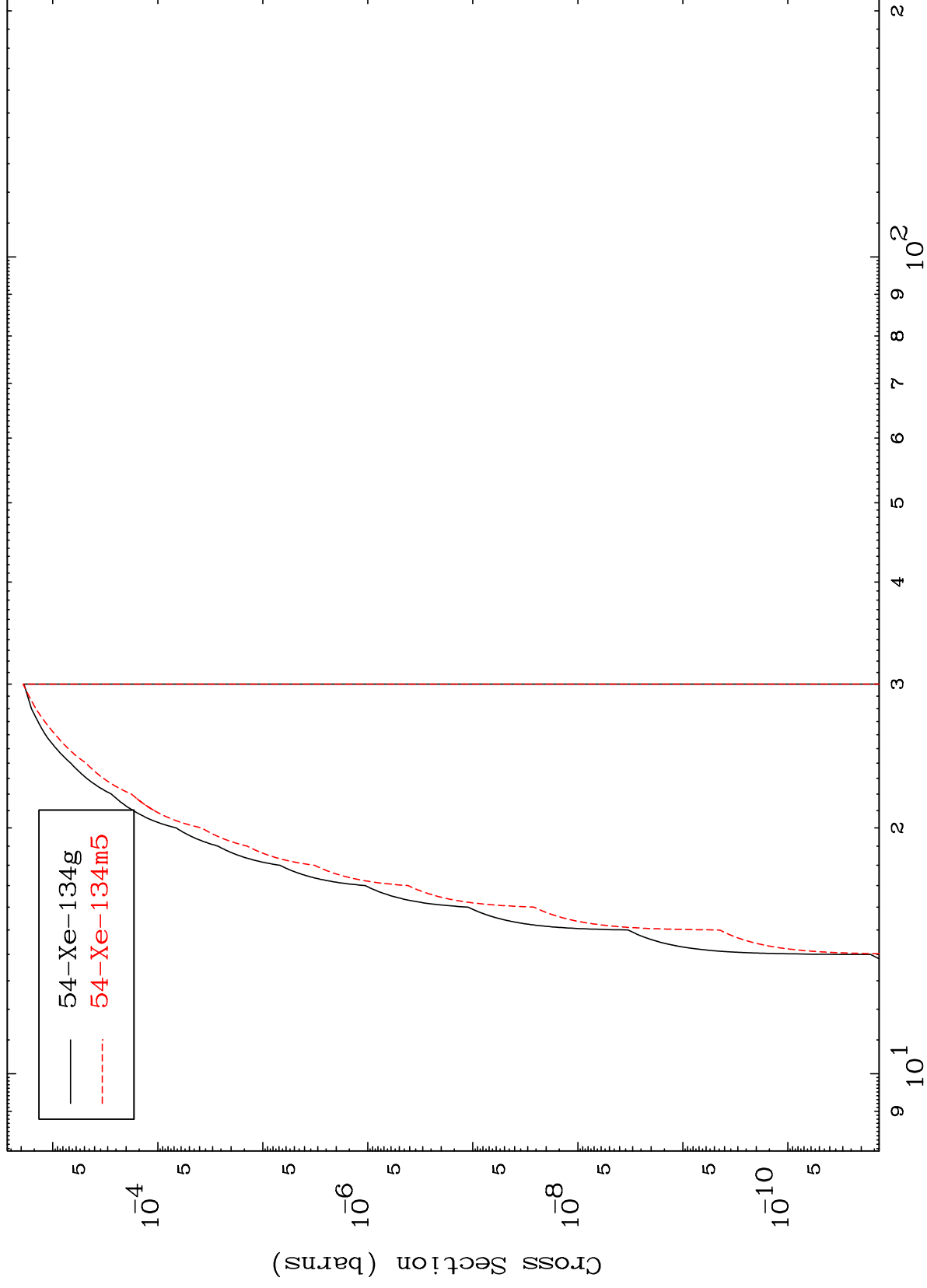
53-I -132



MAT 5341

53-I -132

(α, d)
Radionuclide Production Cross Section



53-I -132

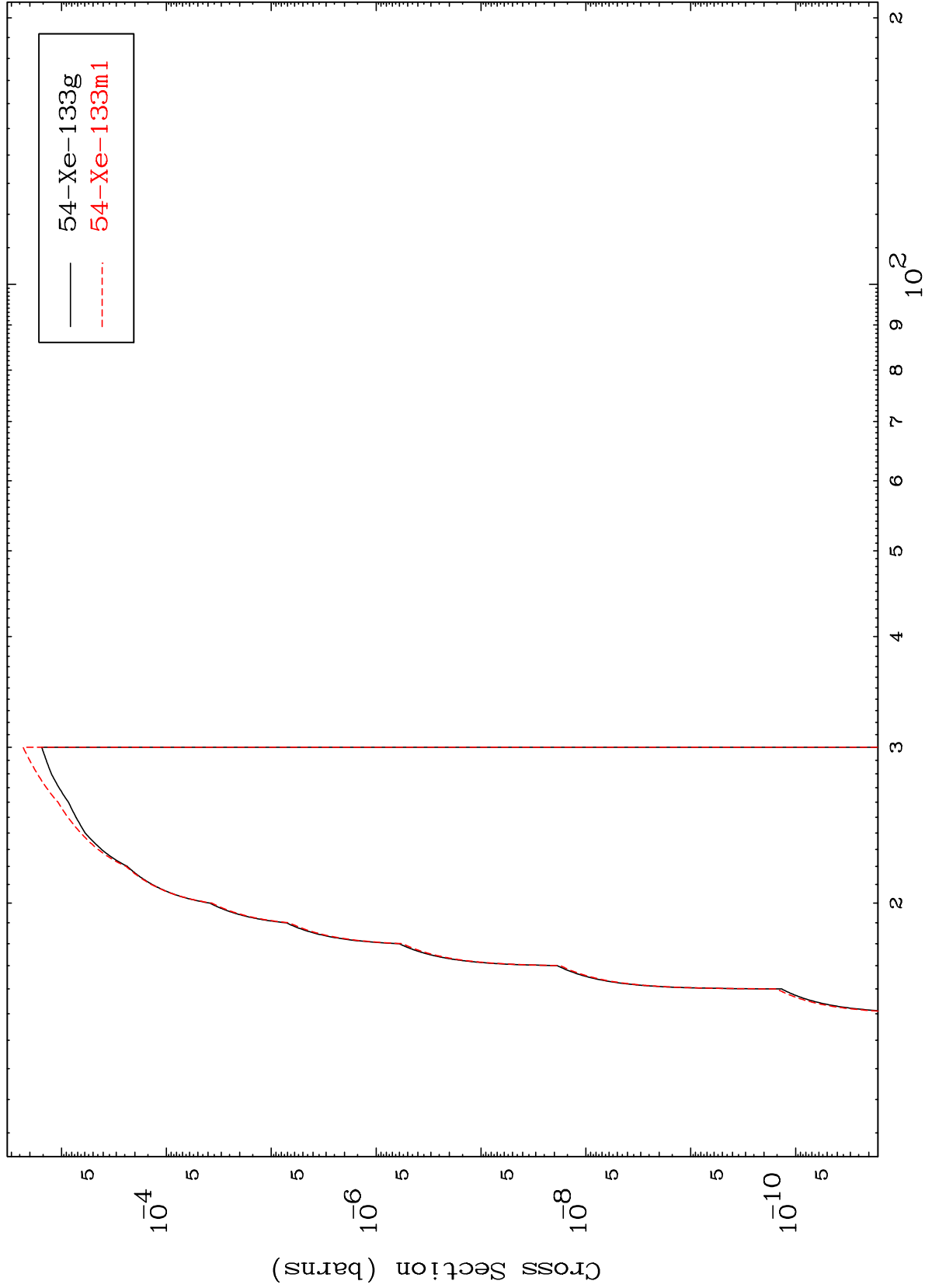
Incident Energy (MeV)

19

MAT 5341

53-I -132

(α, t)
Radionuclide Production Cross Section

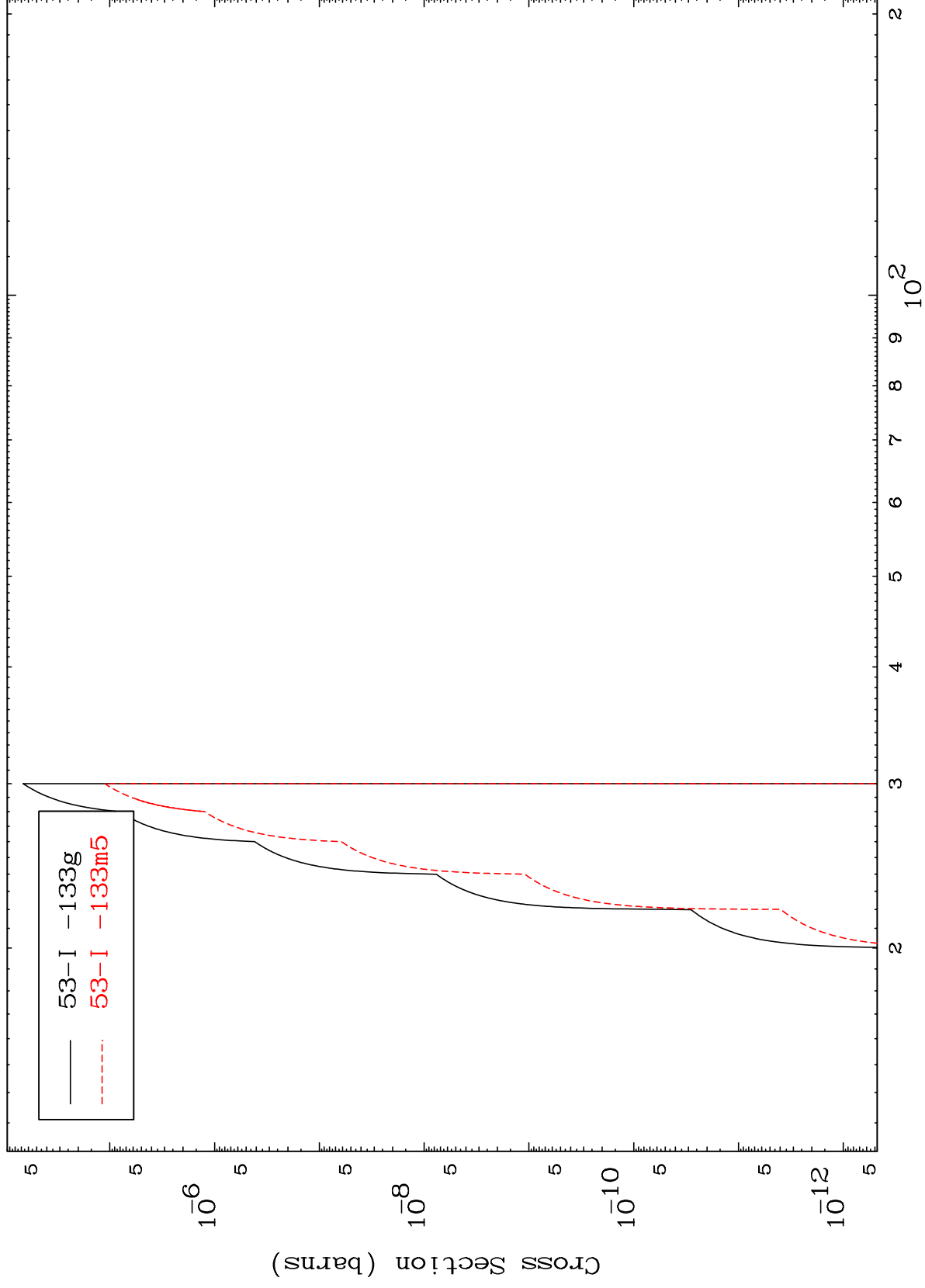


20

Incident Energy (MeV)

53-I -132

Radionuclide Production Cross Section
($\alpha, \text{He-3}$)

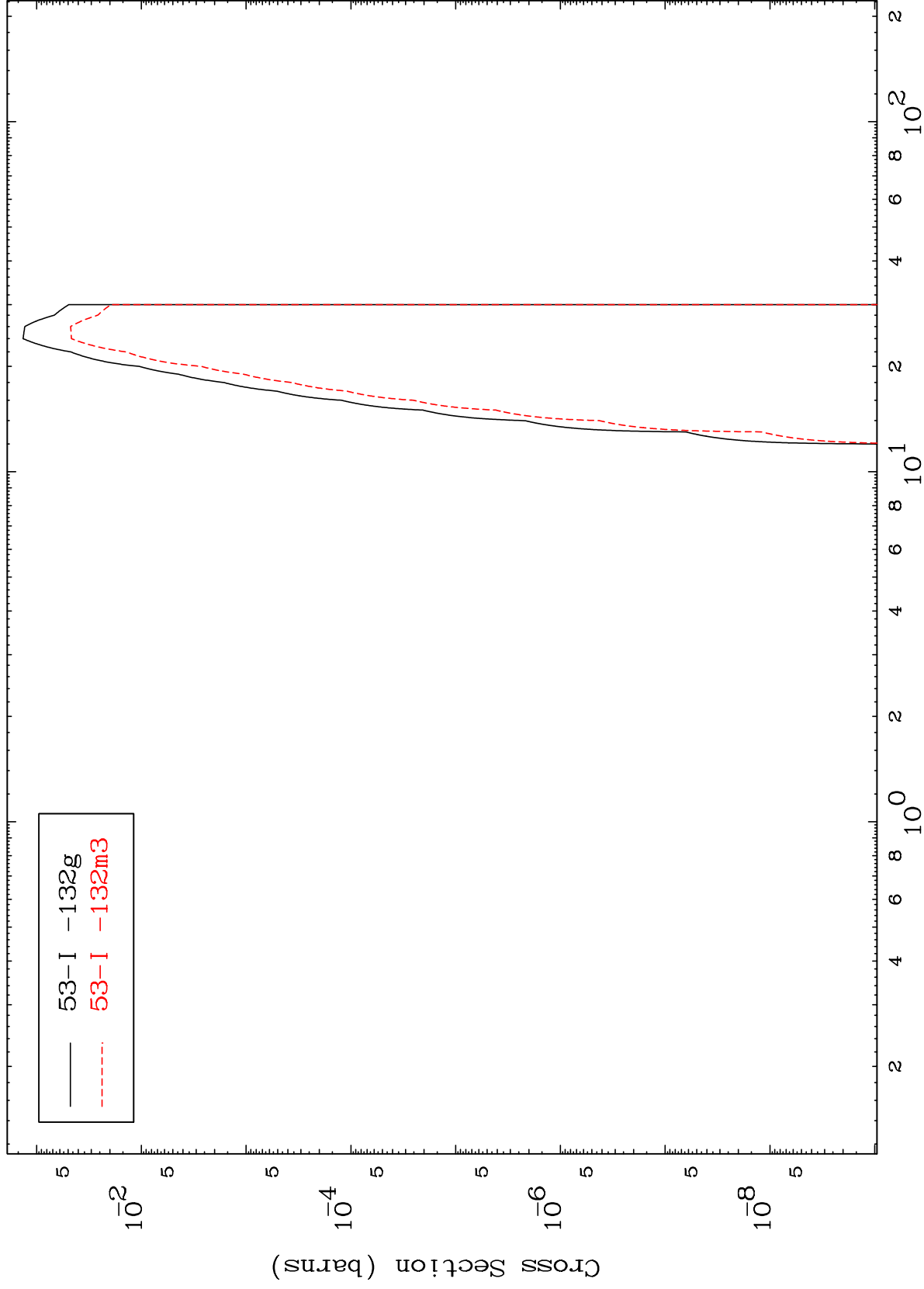


MAT 5341

(α, α)

53-I -132

Radionuclide Production Cross Section



22

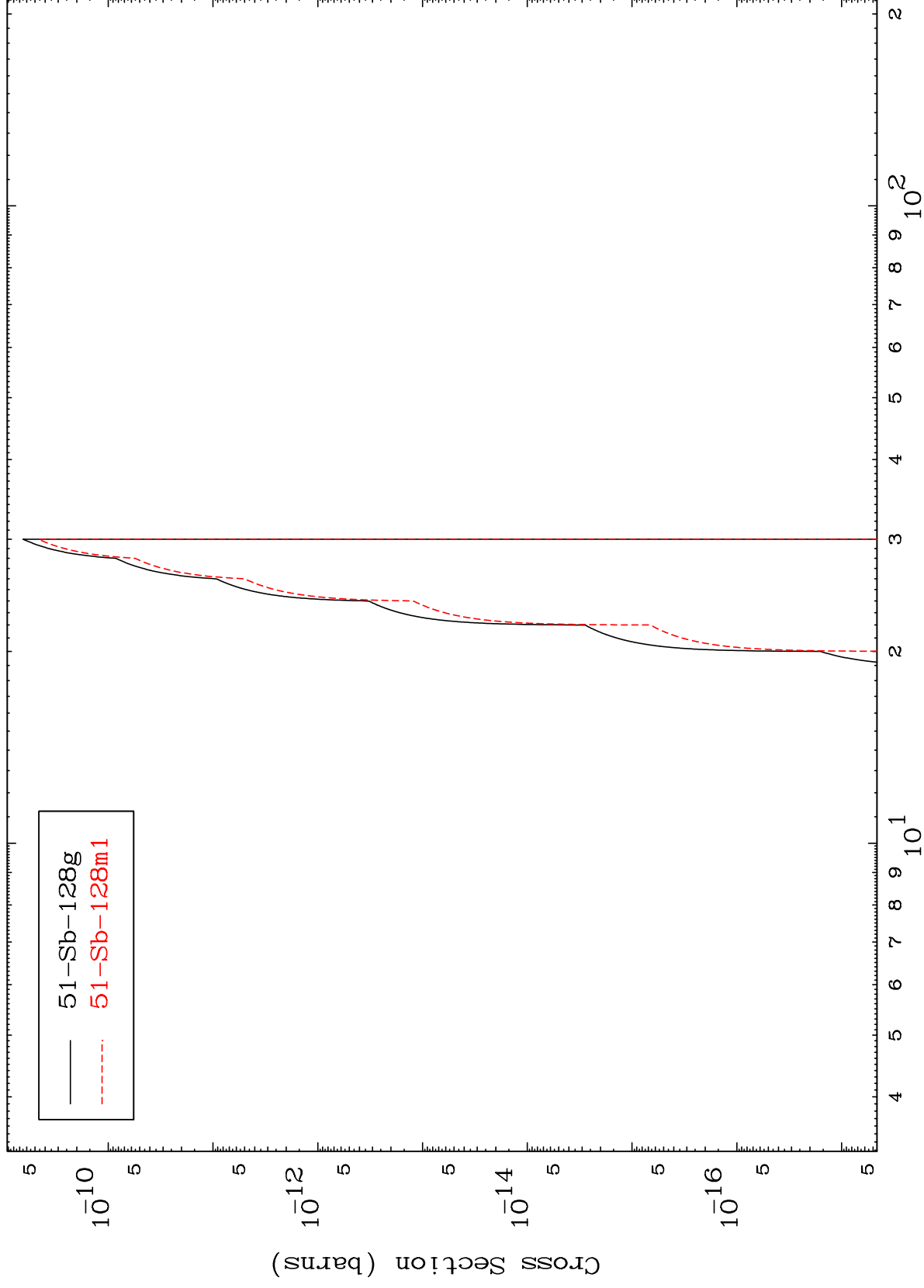
Incident Energy (MeV)

53-I -132

MAT 5341

53-I -132

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



23

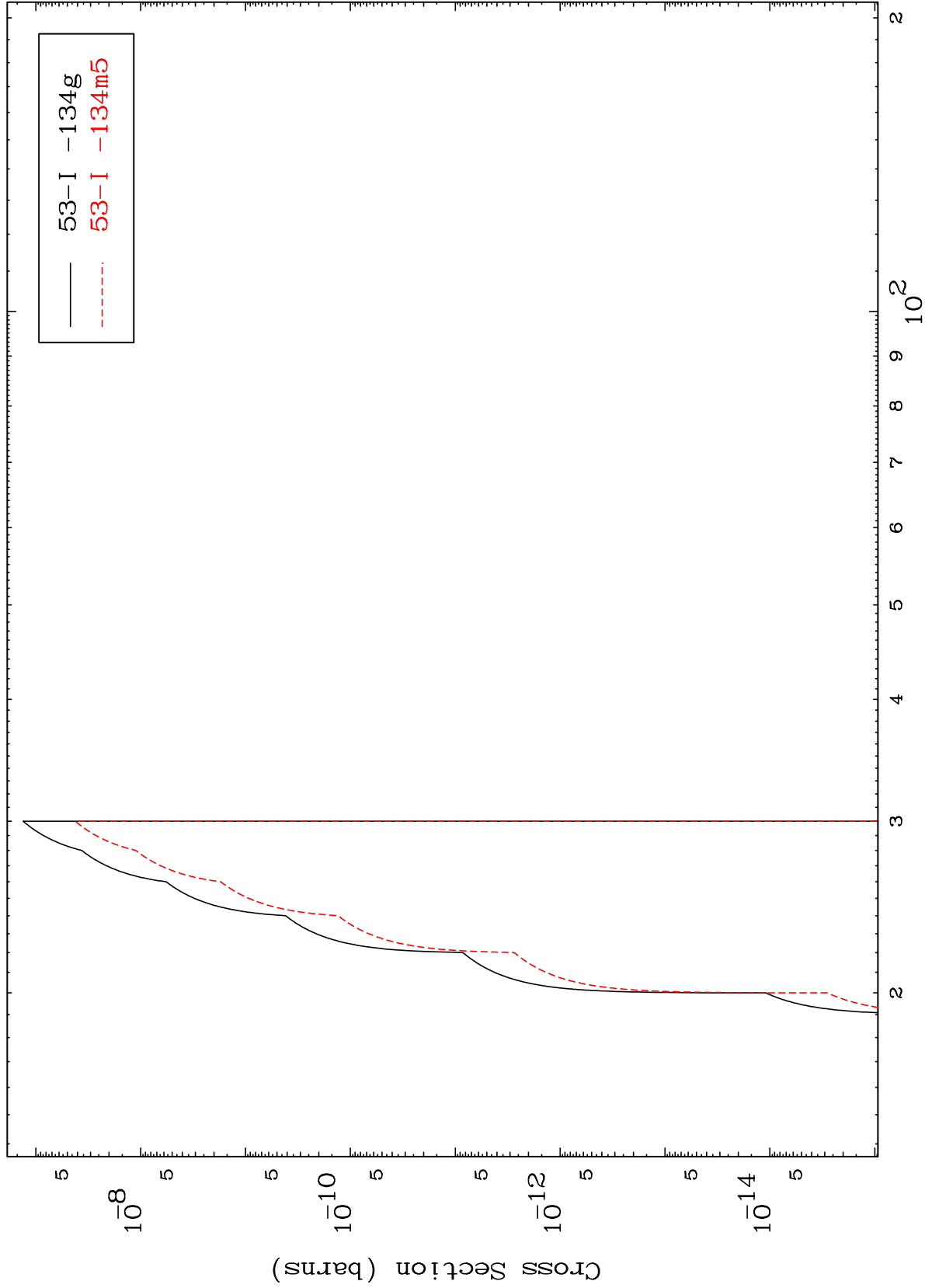
Incident Energy (MeV)

53-I -132

MAT 5341

53-I -132

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



24

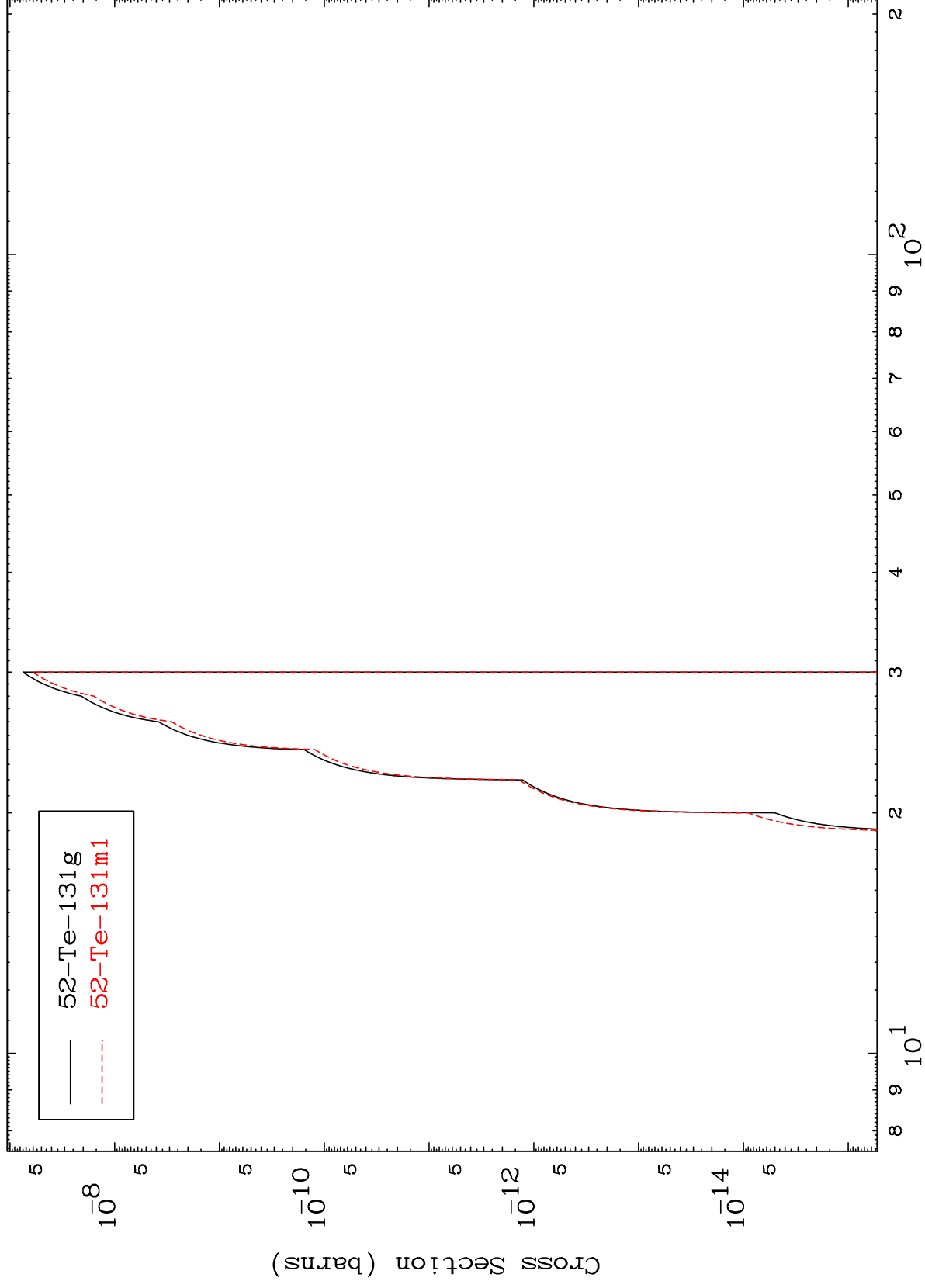
Incident Energy (MeV)

53-I -132

MAT 5341

53-I -132

(α ,p) α
Radionuclide Production Cross Section



53-I -132

Incident Energy (MeV)

25