

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

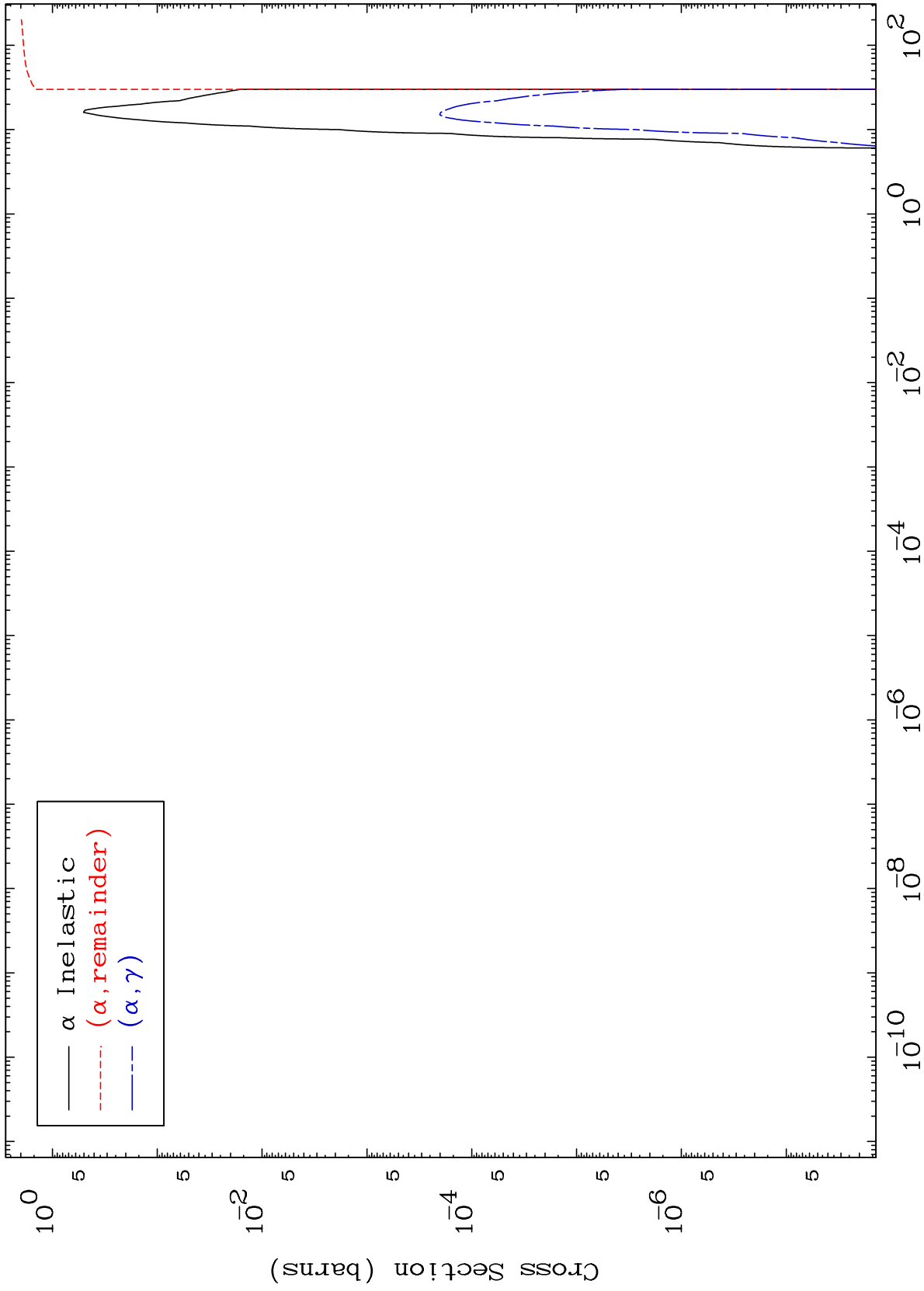
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4234

0 Kelvin α Major
Cross Sections

42-Mo-95



1

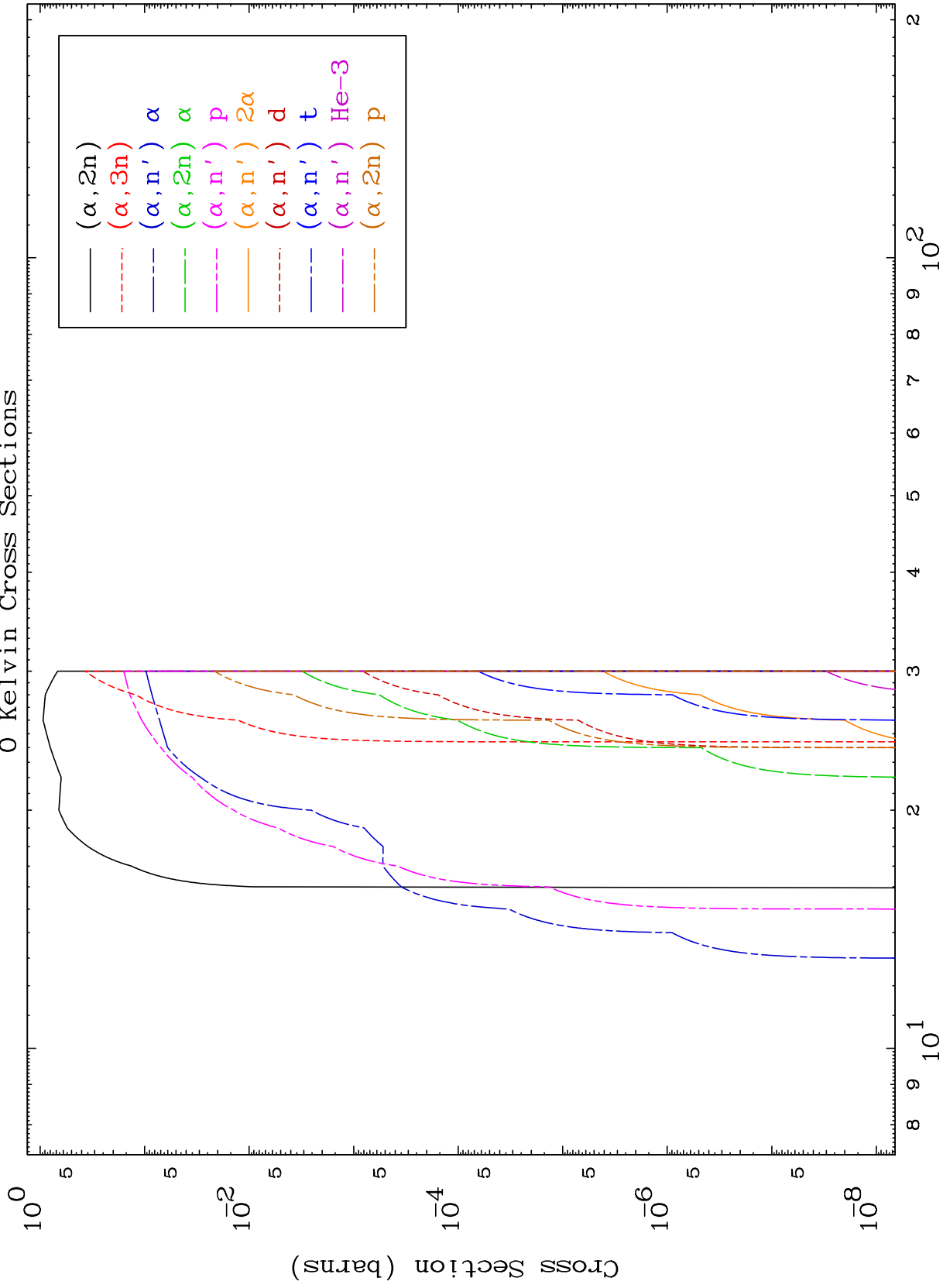
Incident Energy (MeV)

42-Mo-95

MAT 4234

α Neutron Production
0 Kelvin Cross Sections

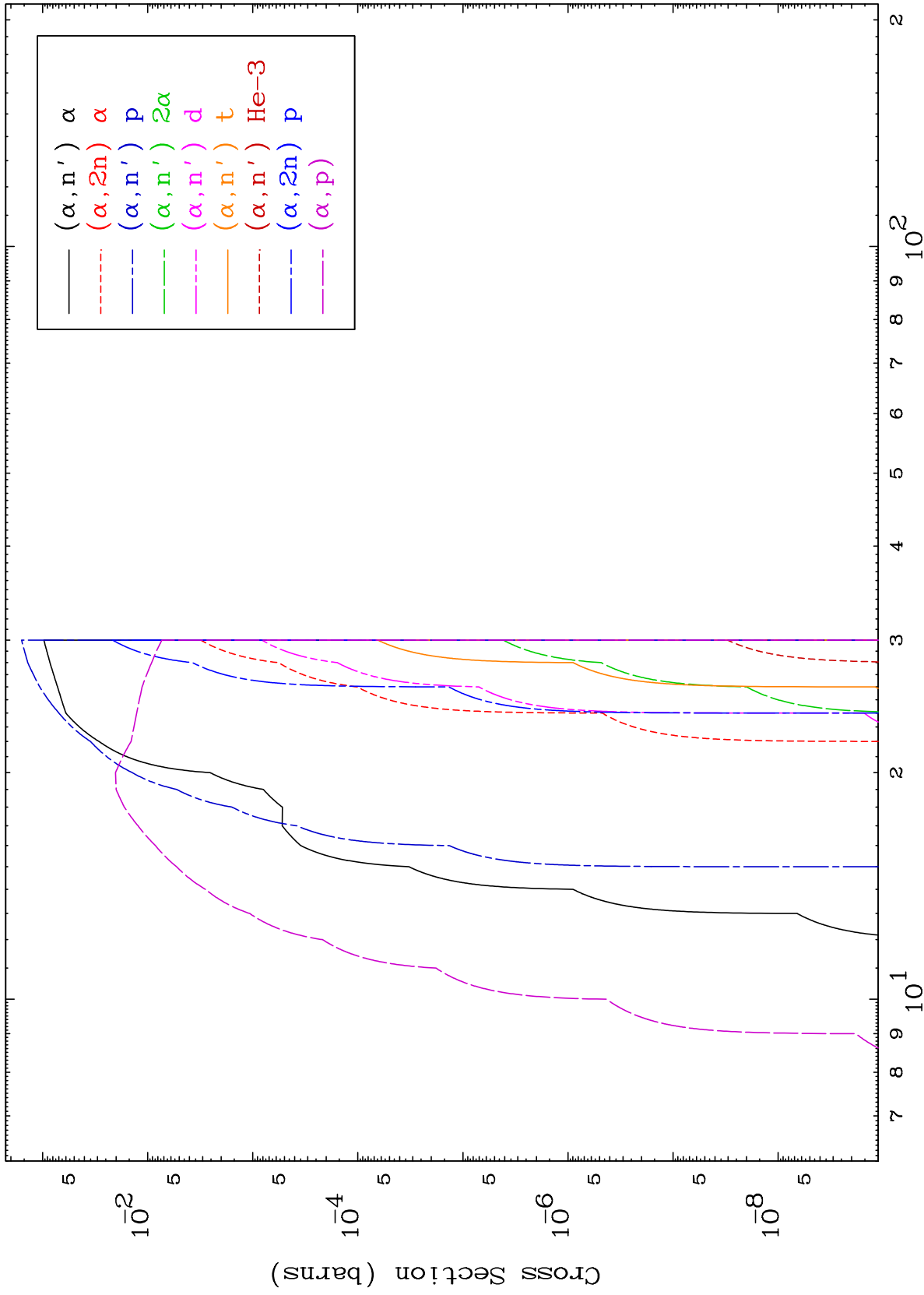
42-Mo-95

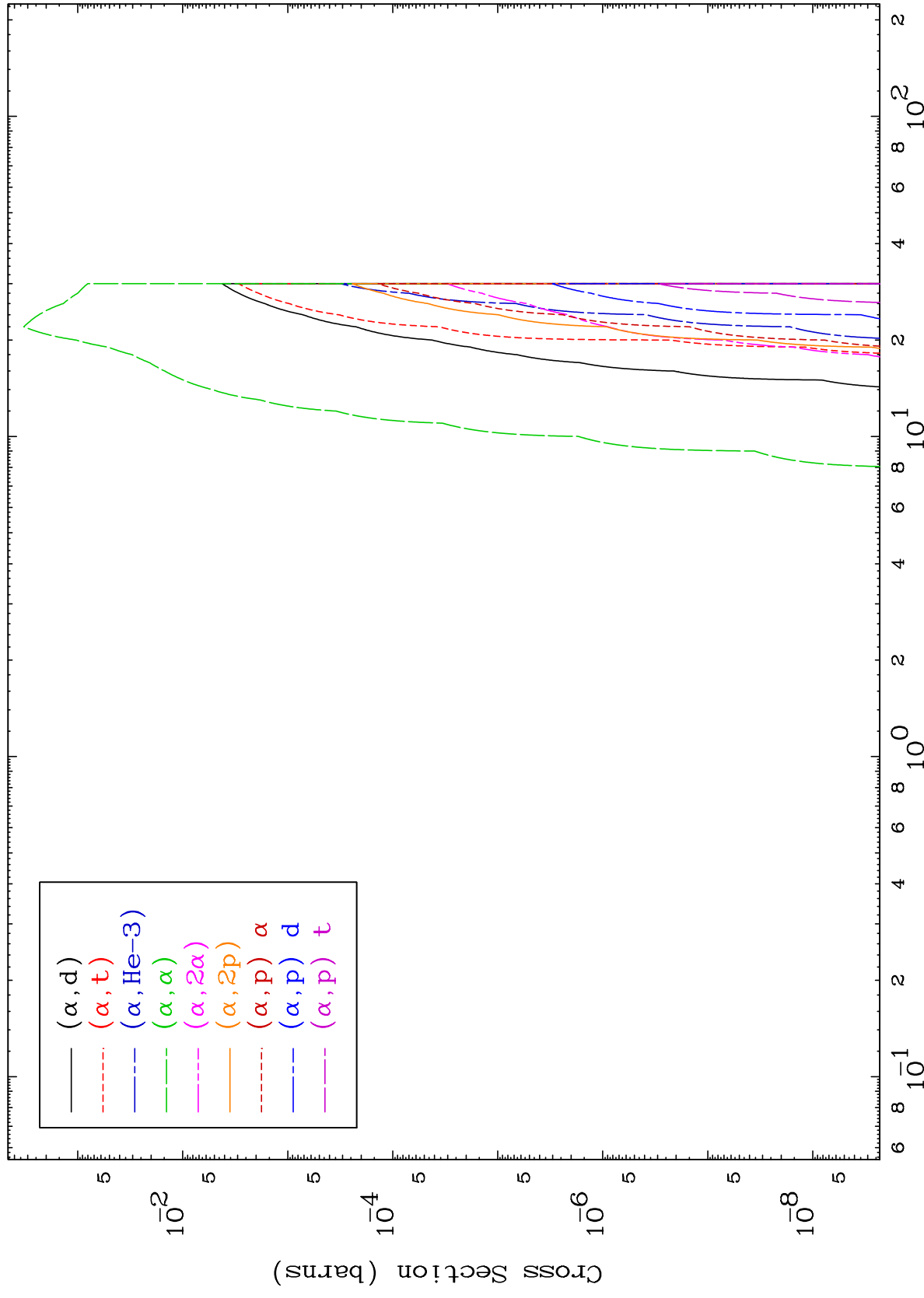


2

Incident Energy (MeV)

42-Mo-95

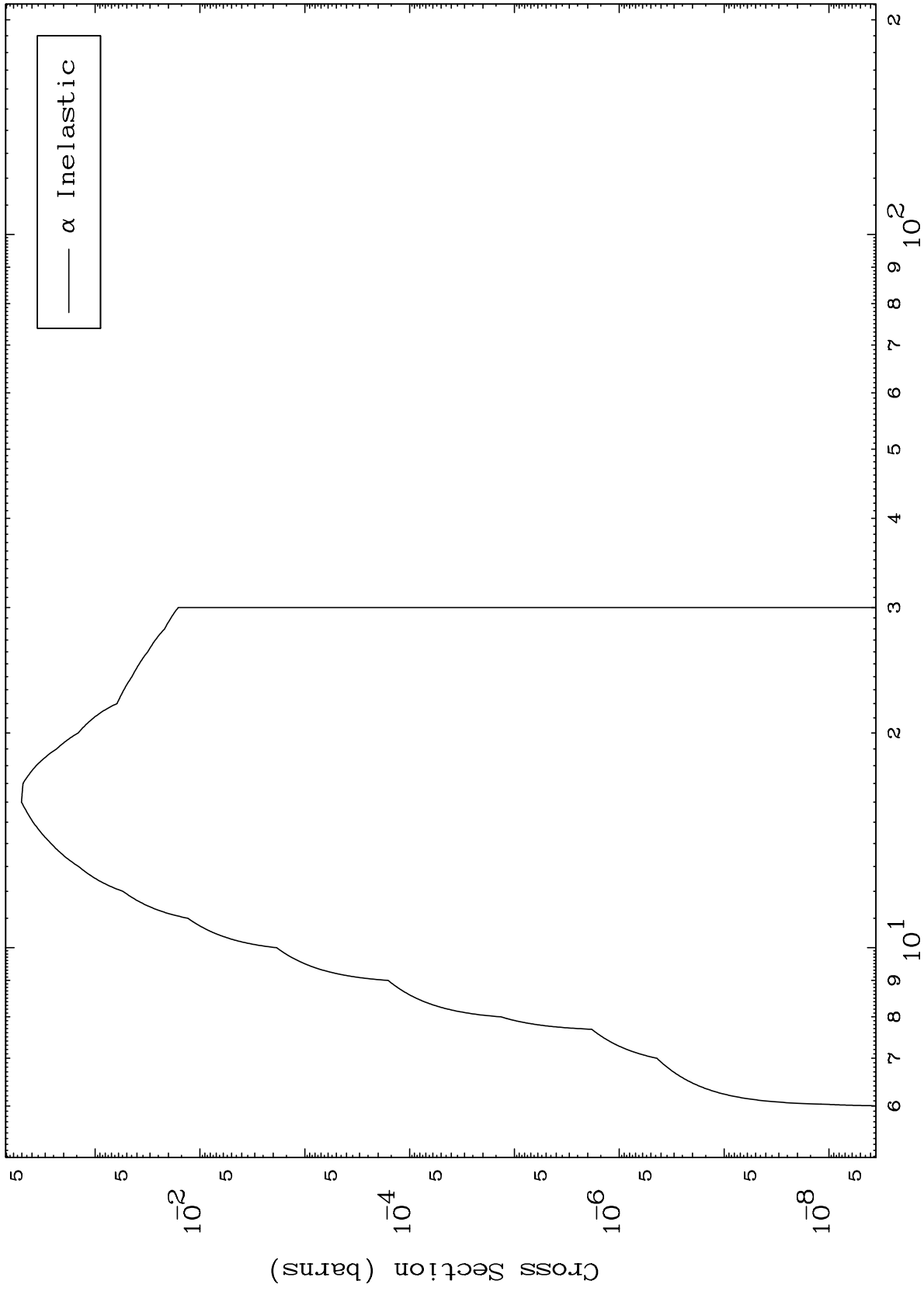




MAT 4234

(α, n') Level
0 Kelvin Cross Sections

42-Mo-95



5

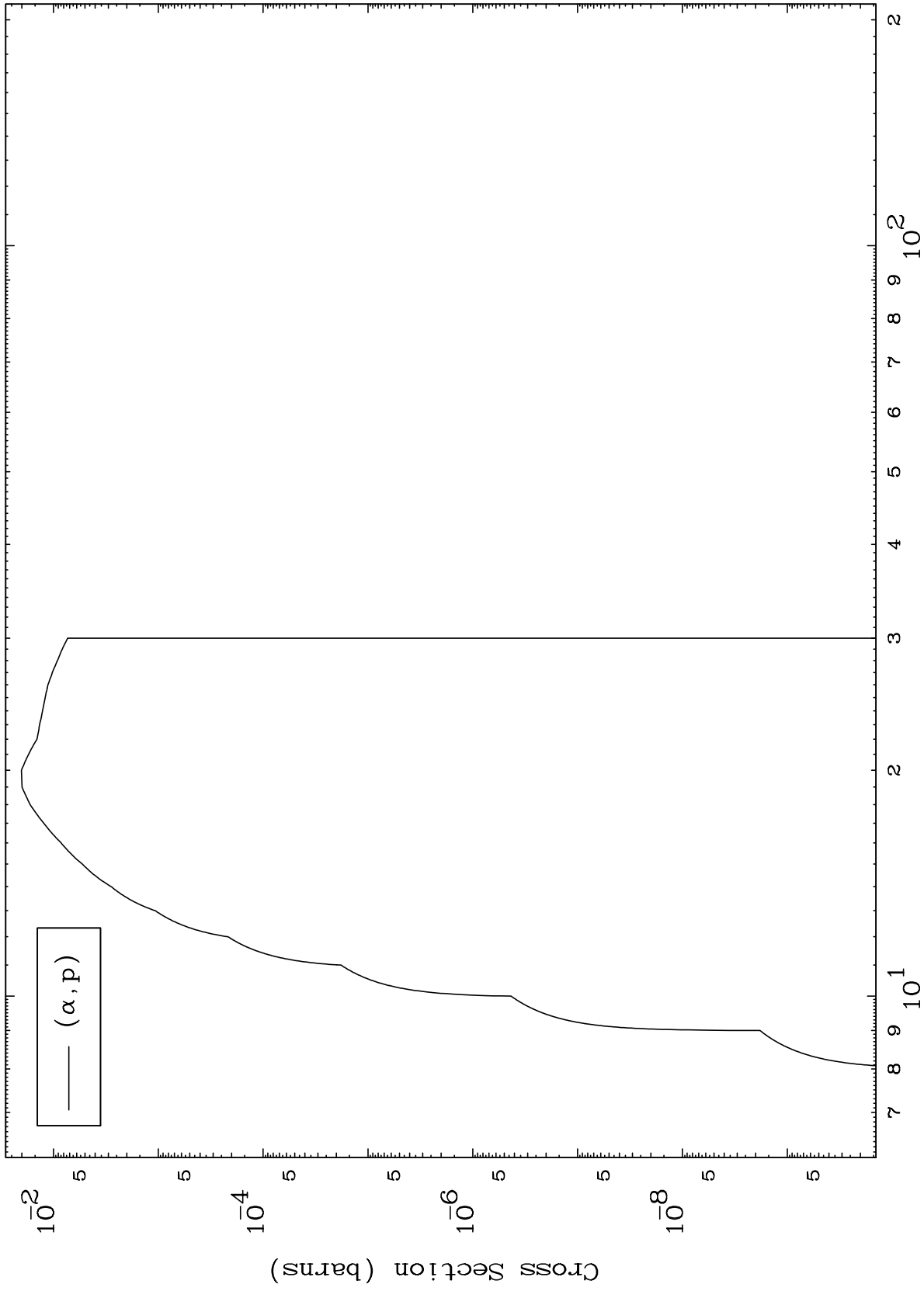
Incident Energy (MeV)

42-Mo-95

MAT 4234

(α, p) Levels
0 Kelvin Cross Sections

42-Mo-95



6

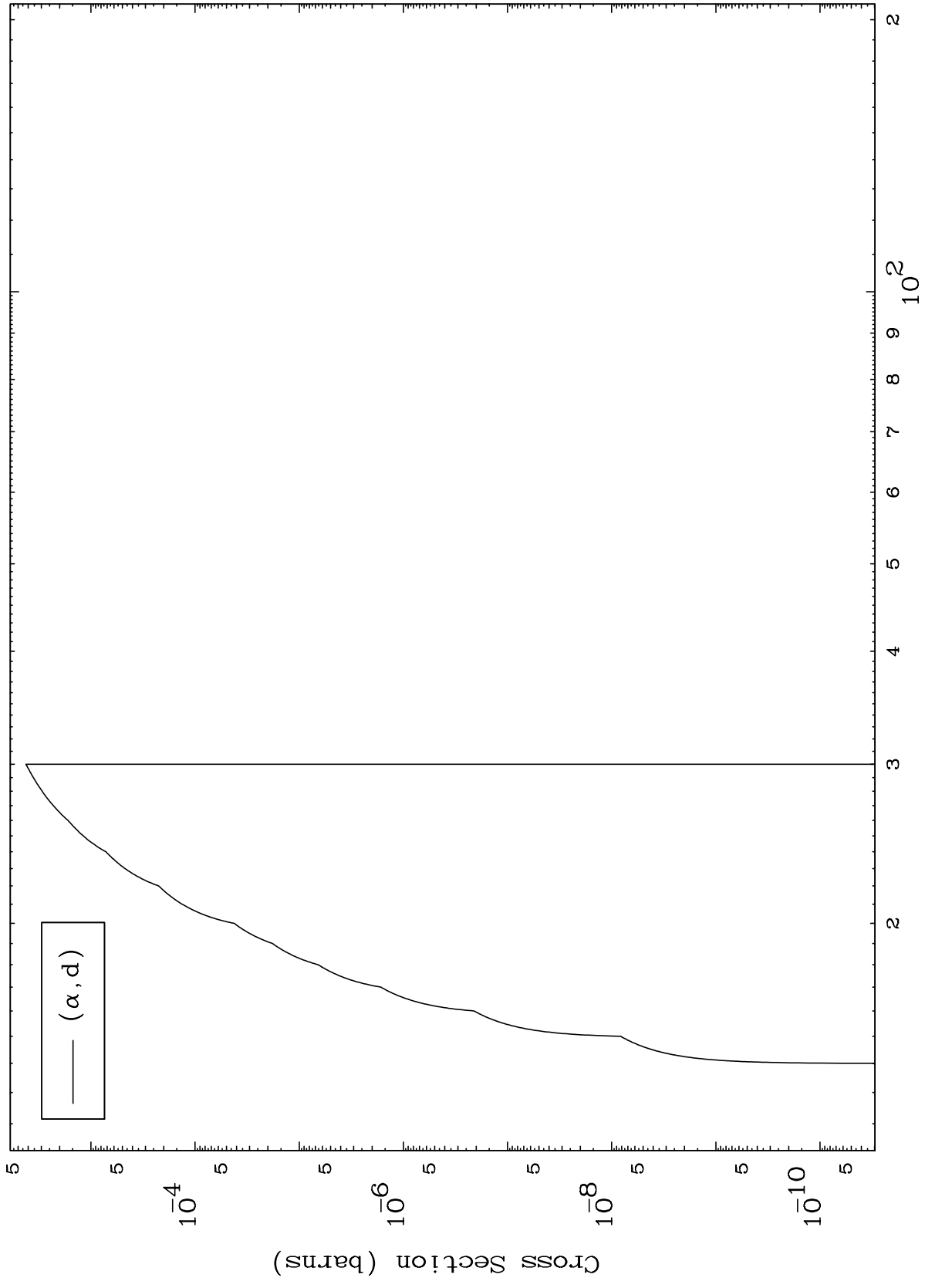
Incident Energy (MeV)

42-Mo-95

MAT 4234

(α, d) Levels
0 Kelvin Cross Sections

42-Mo-95



7

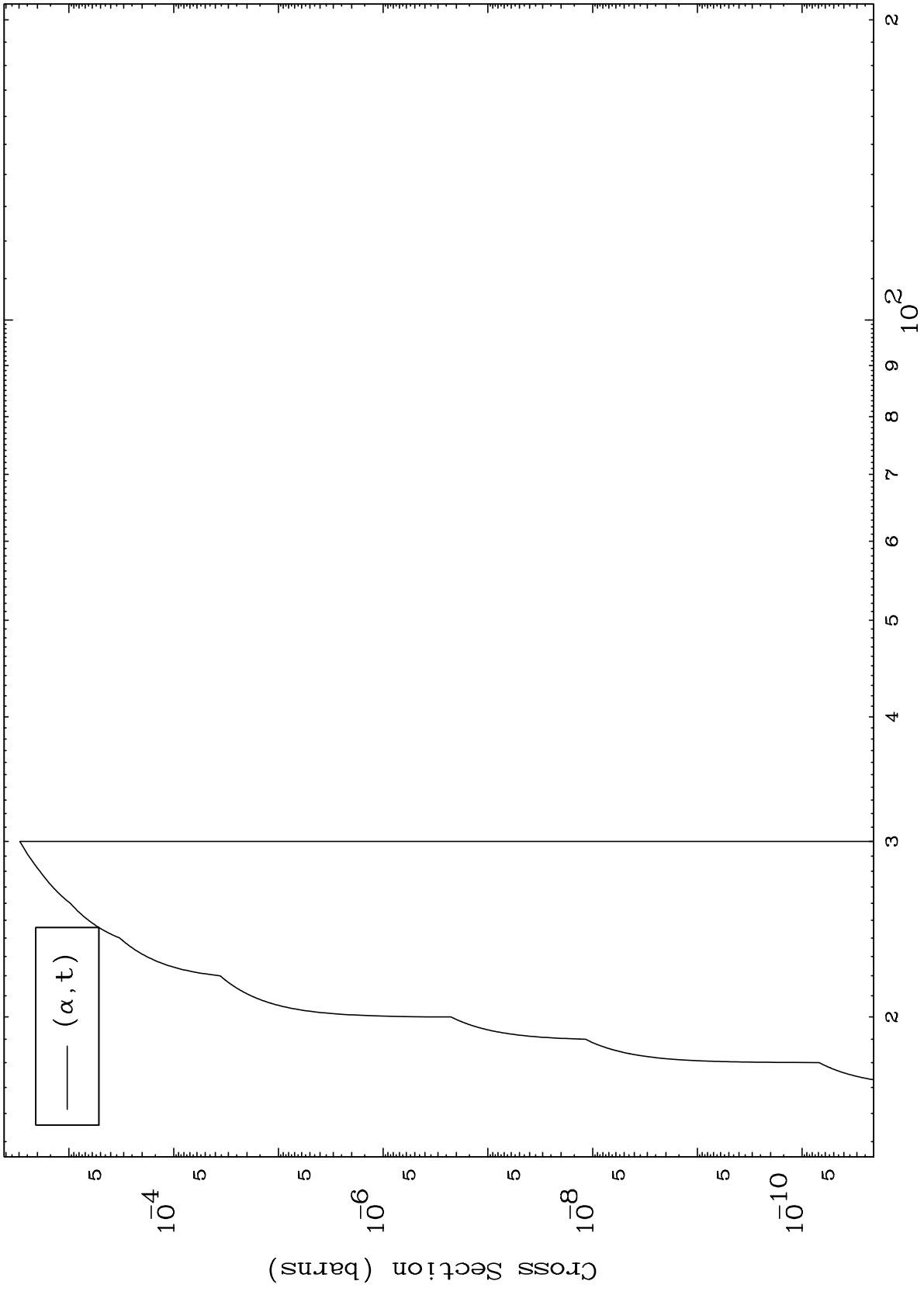
Incident Energy (MeV)

42-Mo-95

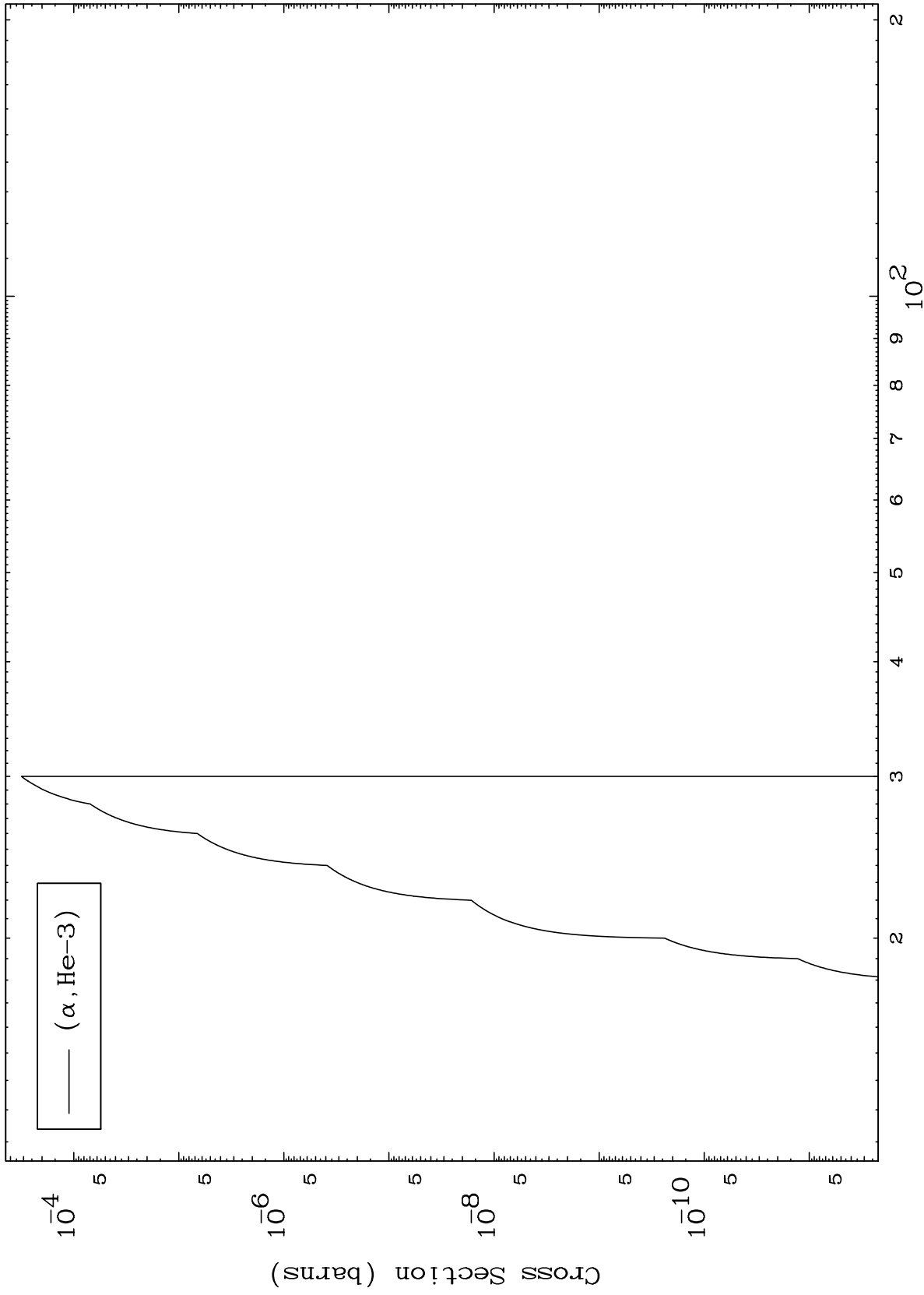
MAT 4234

(α, t) Levels
0 Kelvin Cross Sections

42-Mo-95



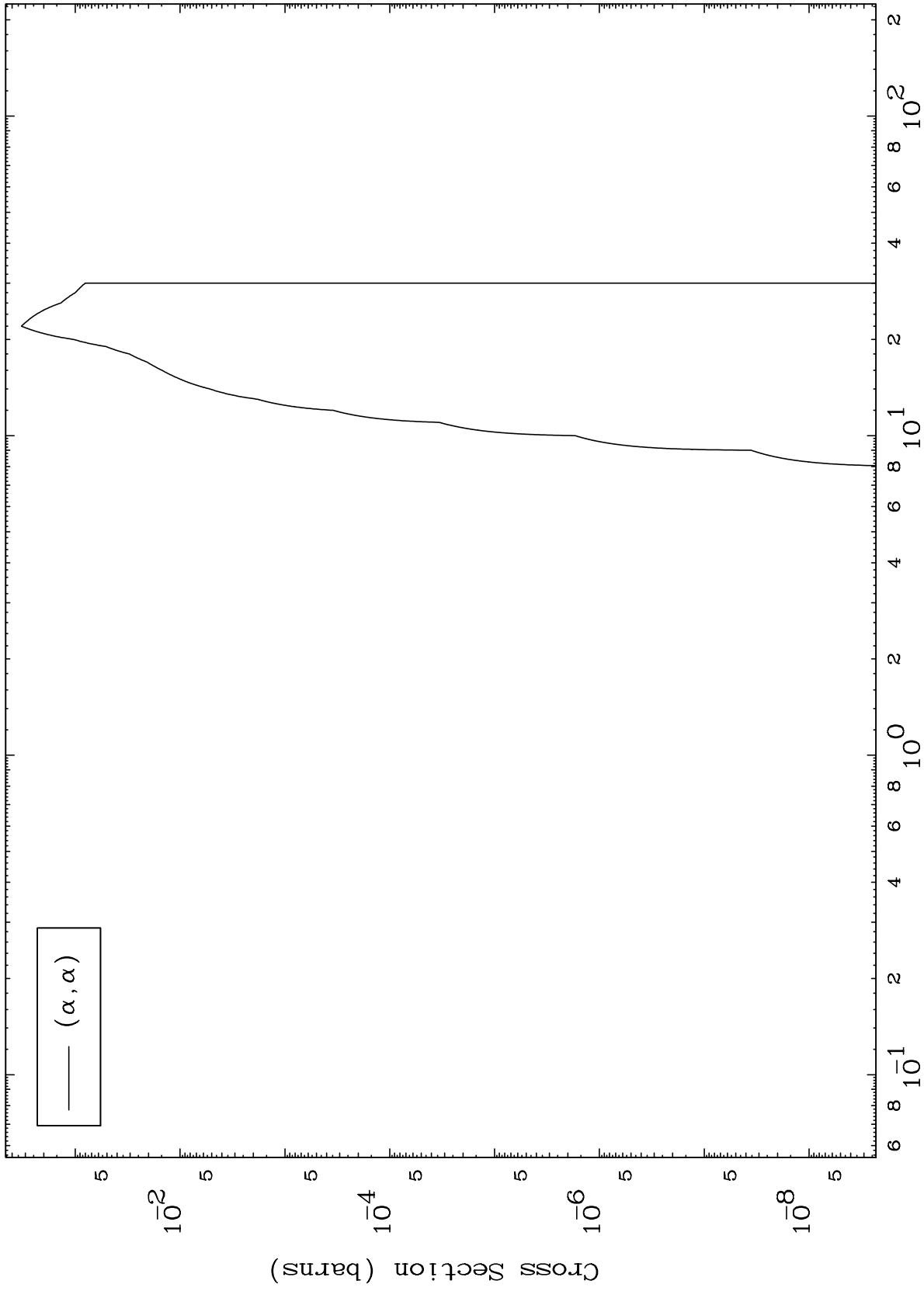
8



MAT 4234

(α, α) Levels
0 Kelvin Cross Sections

42-Mo-95



10

Incident Energy (MeV)

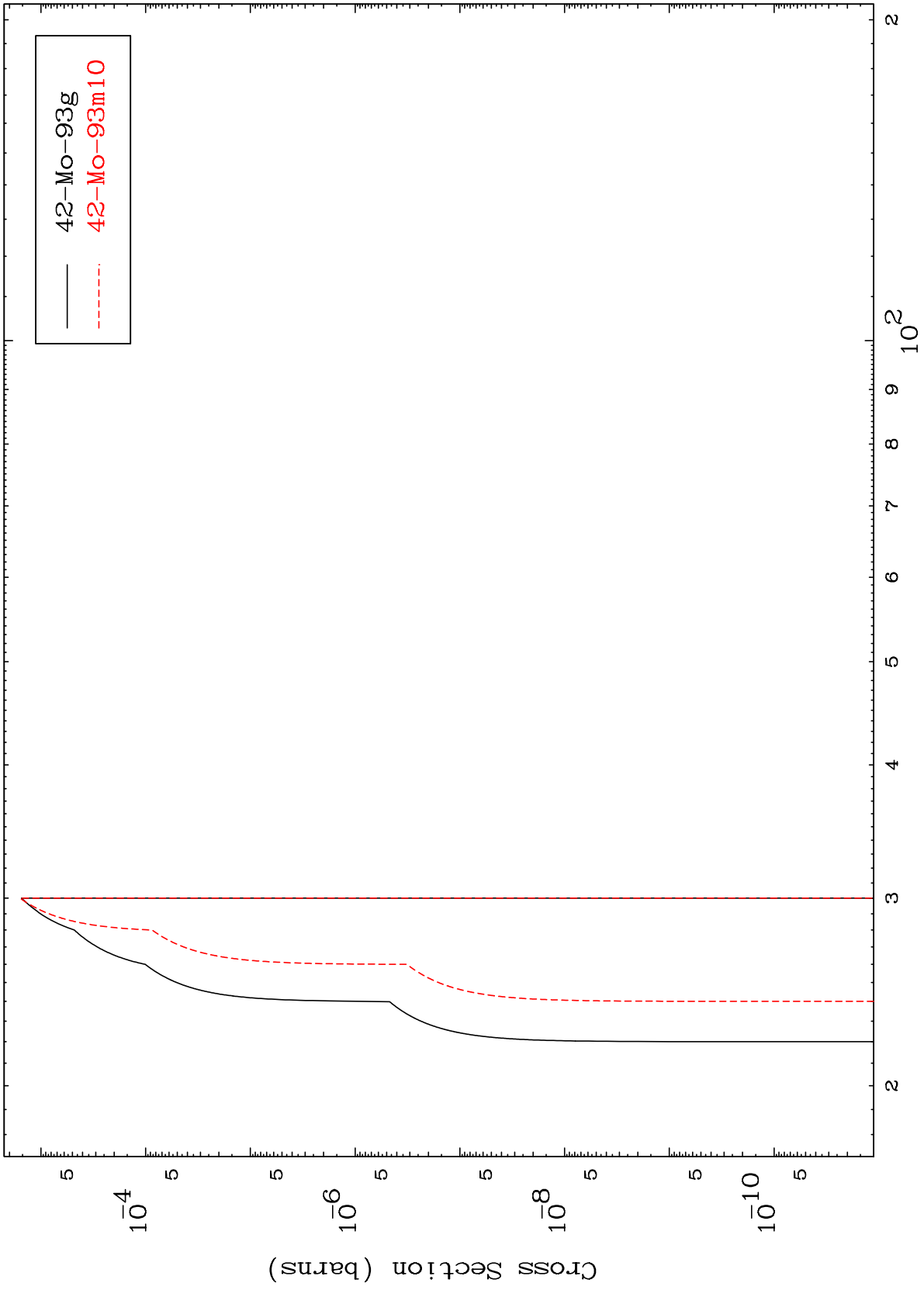
42-Mo-95

MAT 4234

$(\alpha, 2n) \alpha$

42-Mo-95

Radionuclide Production Cross Section



11

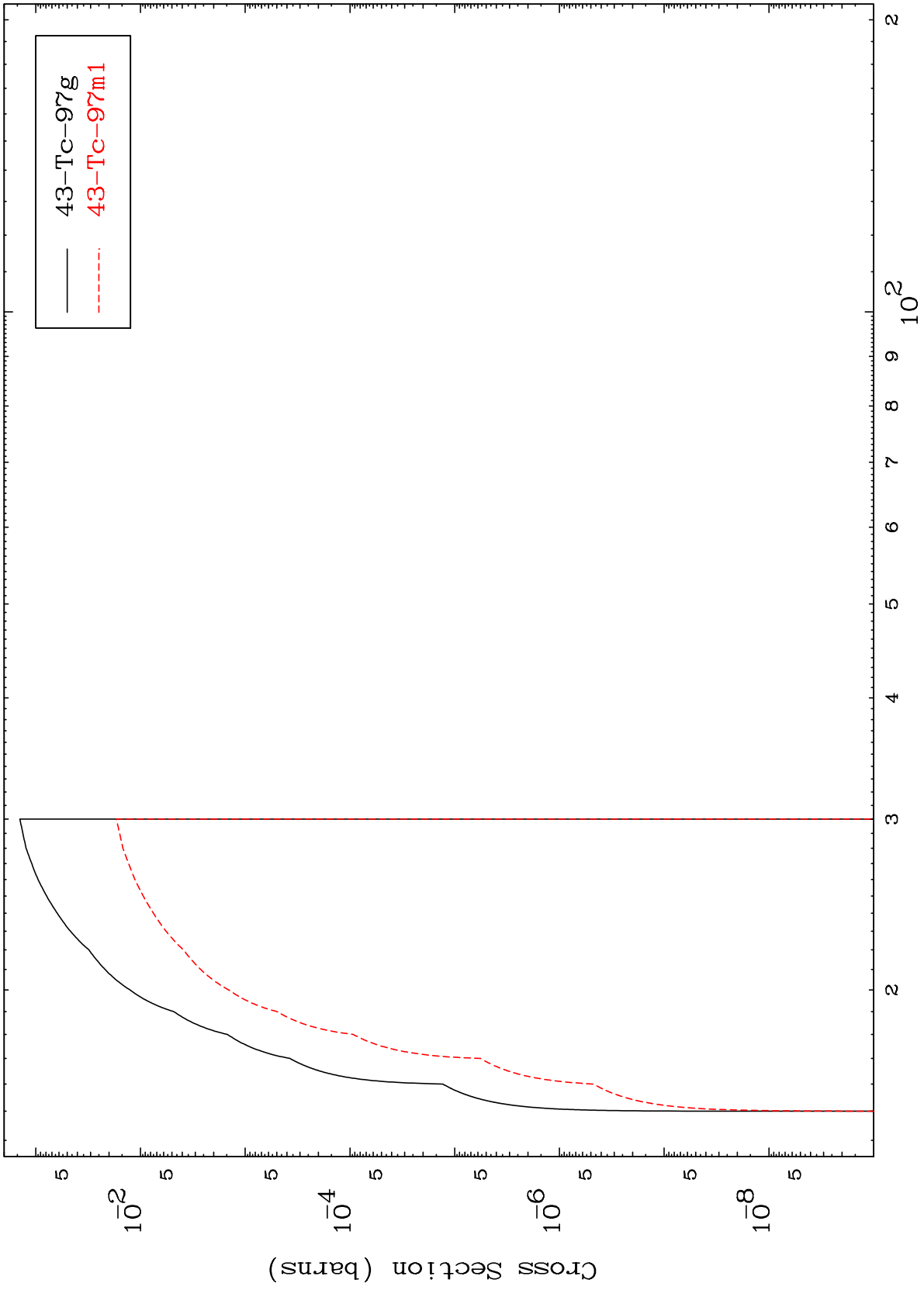
Incident Energy (MeV)

42-Mo-95

MAT 4234

42-Mo-95

(α, n') p
Radionuclide Production Cross Section



12

Incident Energy (MeV)

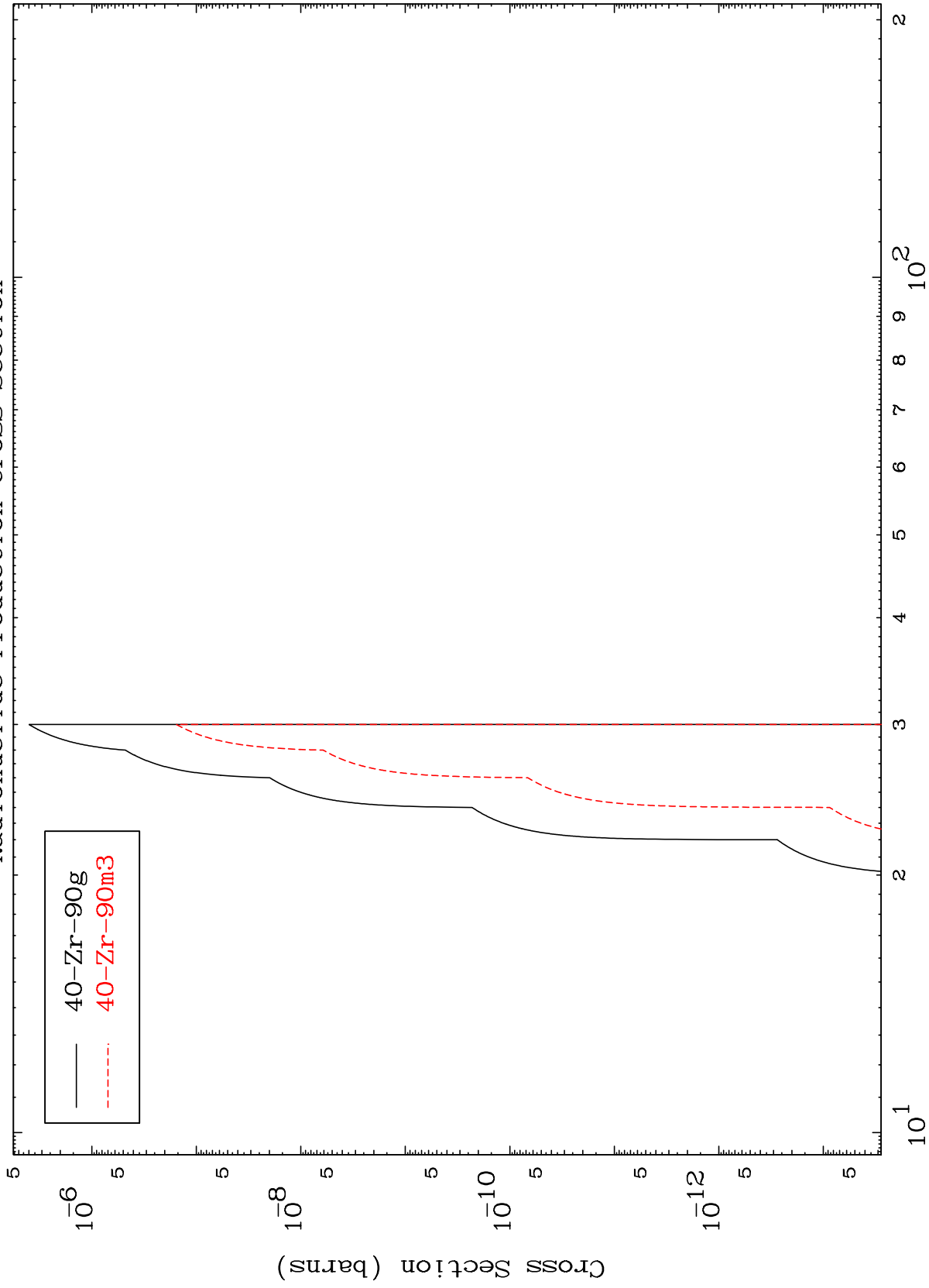
42-Mo-95

MAT 4234

(α, n') 2α

42-Mo-95

Radionuclide Production Cross Section

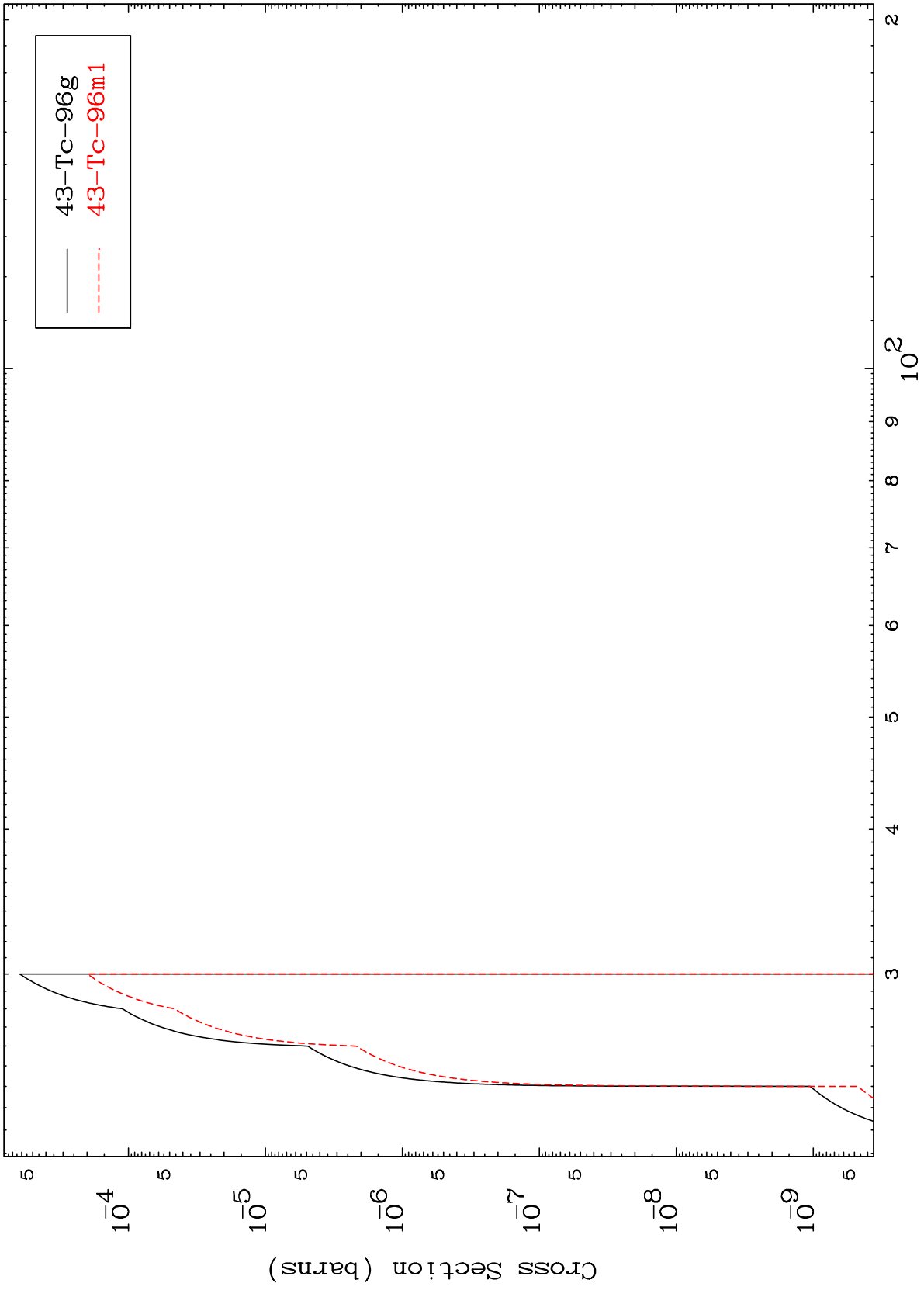


MAT 4234

(α, n') d

42-Mo-95

Radionuclide Production Cross Section



14

Incident Energy (MeV)

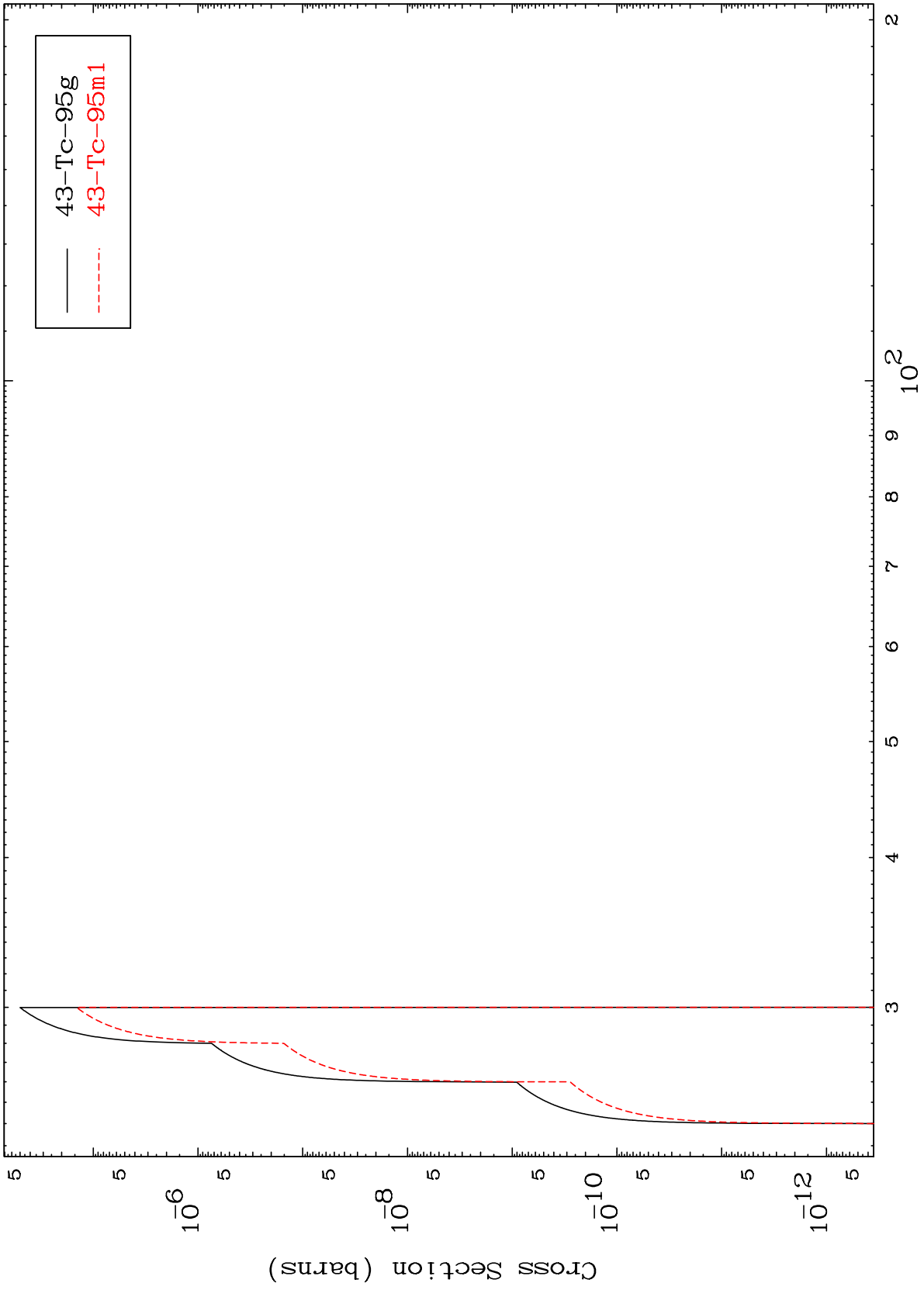
42-Mo-95

MAT 4234

(α, n') t

42-Mo-95

Radionuclide Production Cross Section



15

Incident Energy (MeV)

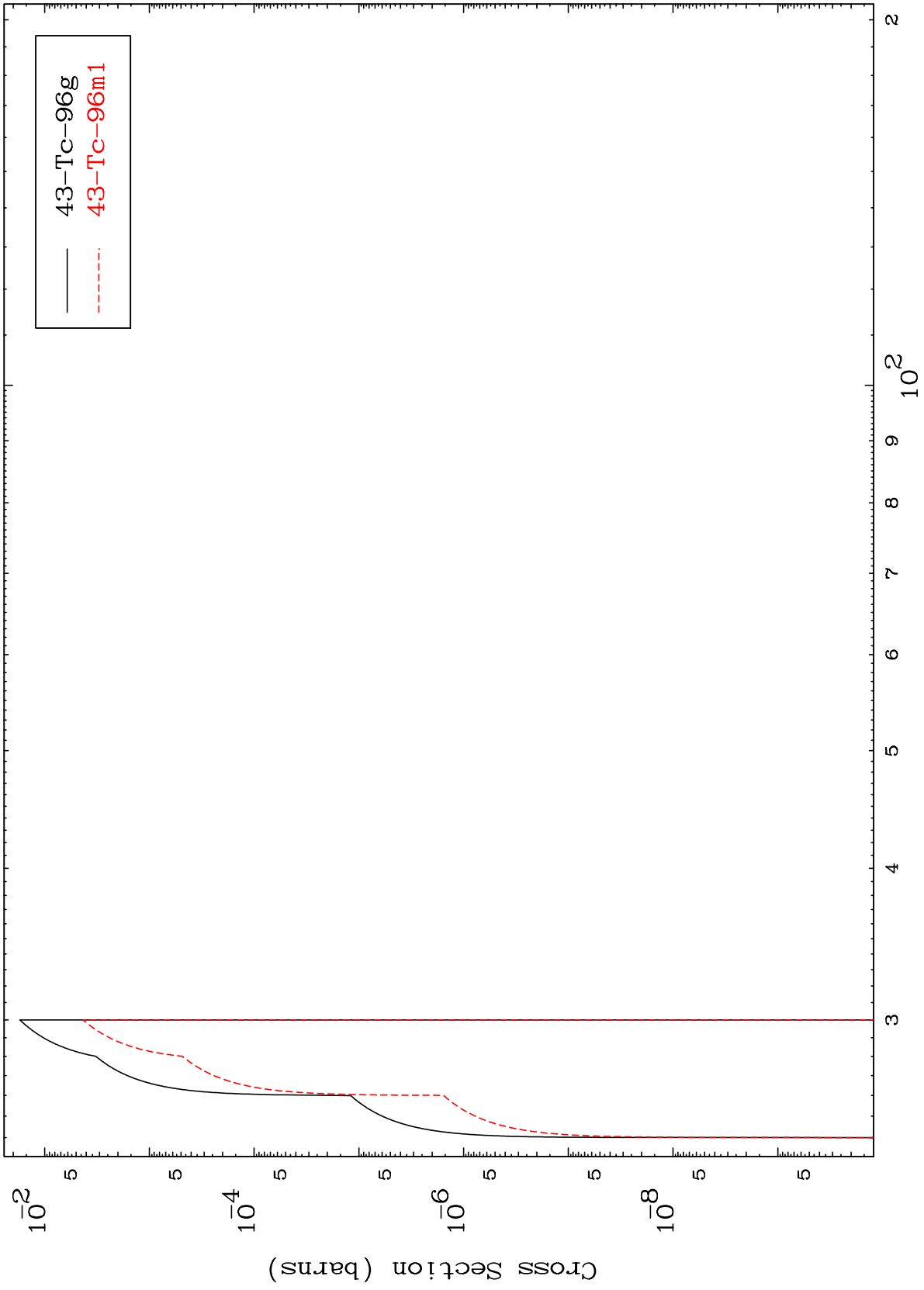
42-Mo-95

MAT 4234

($\alpha, 2n$) p

42-Mo-95

Radionuclide Production Cross Section



16

Incident Energy (MeV)

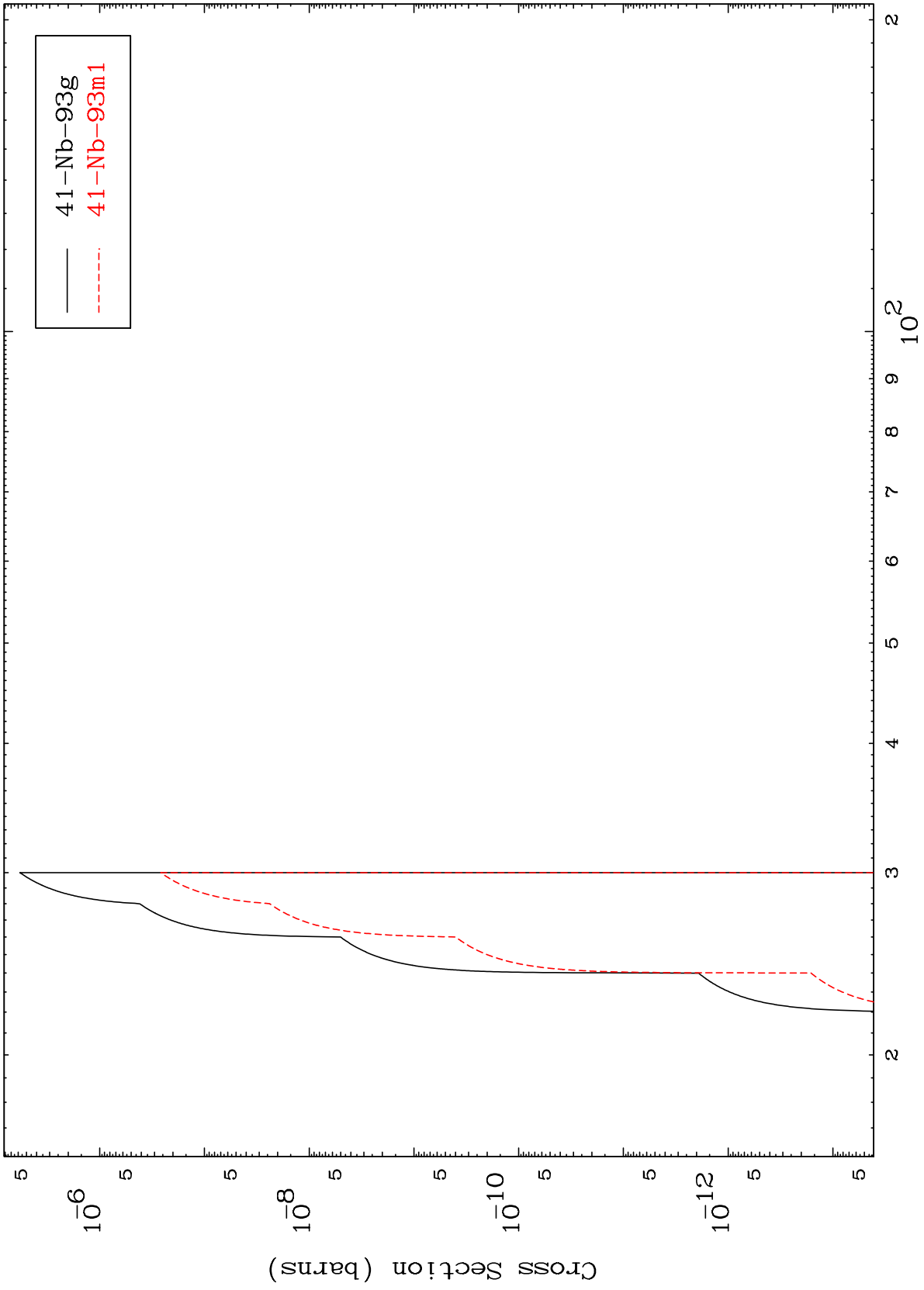
42-Mo-95

MAT 4234

(α, n') p α

42-Mo-95

Radionuclide Production Cross Section



17

Incident Energy (MeV)

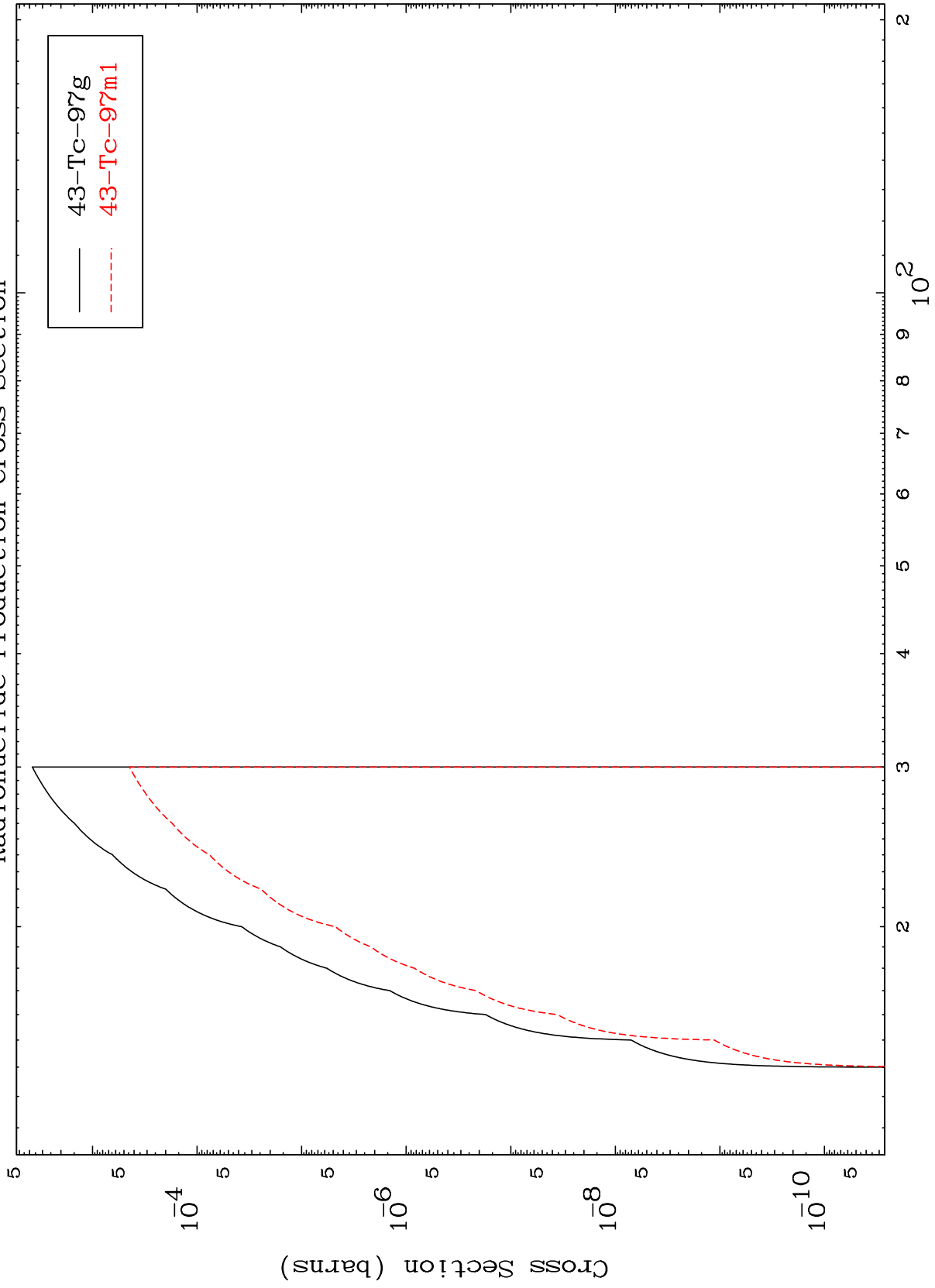
42-Mo-95

MAT 4234

(α, d)

42-Mo-95

Radionuclide Production Cross Section



18

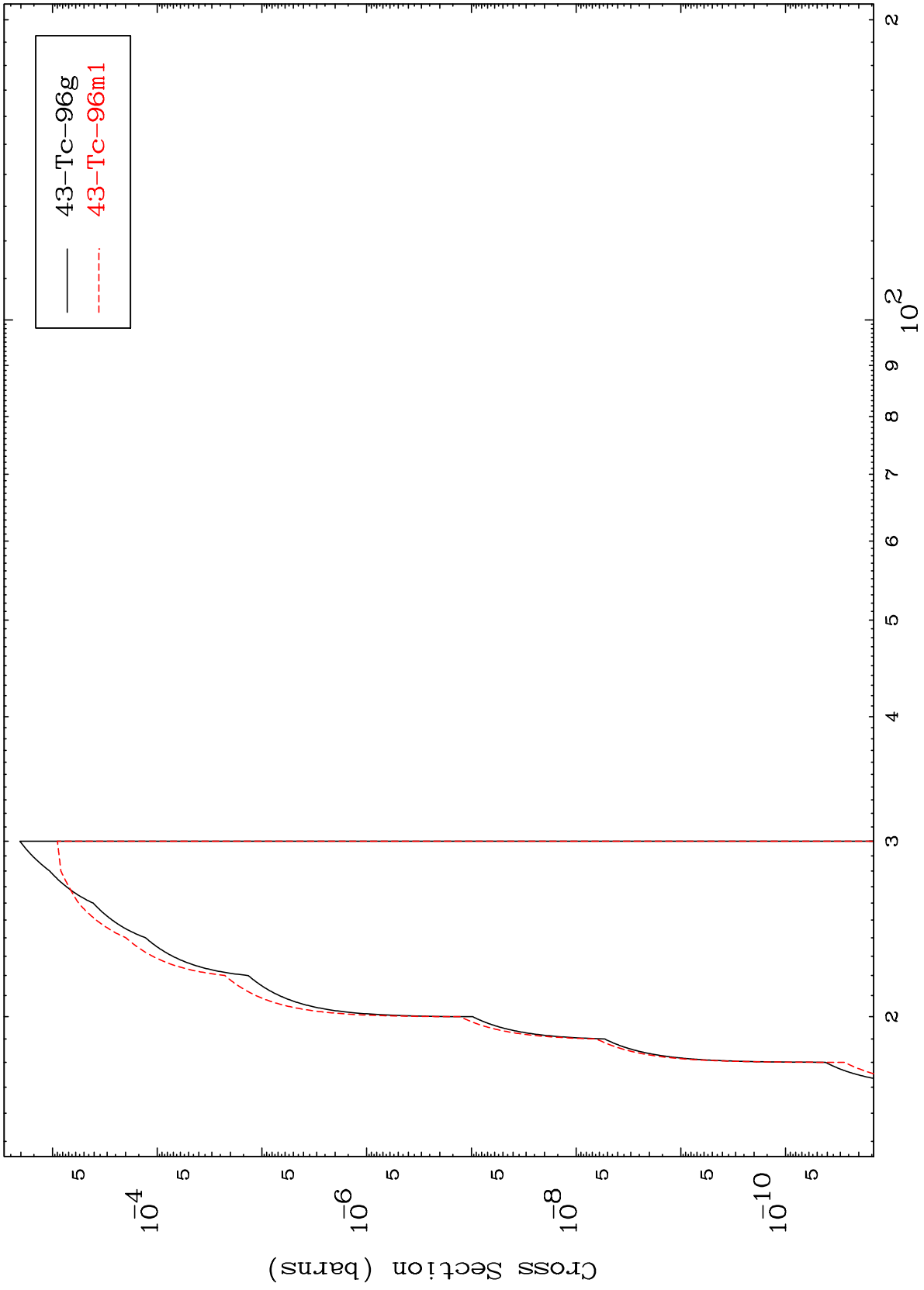
Incident Energy (MeV)

42-Mo-95

MAT 4234

42-Mo-95

(α, t)
Radionuclide Production Cross Section



19

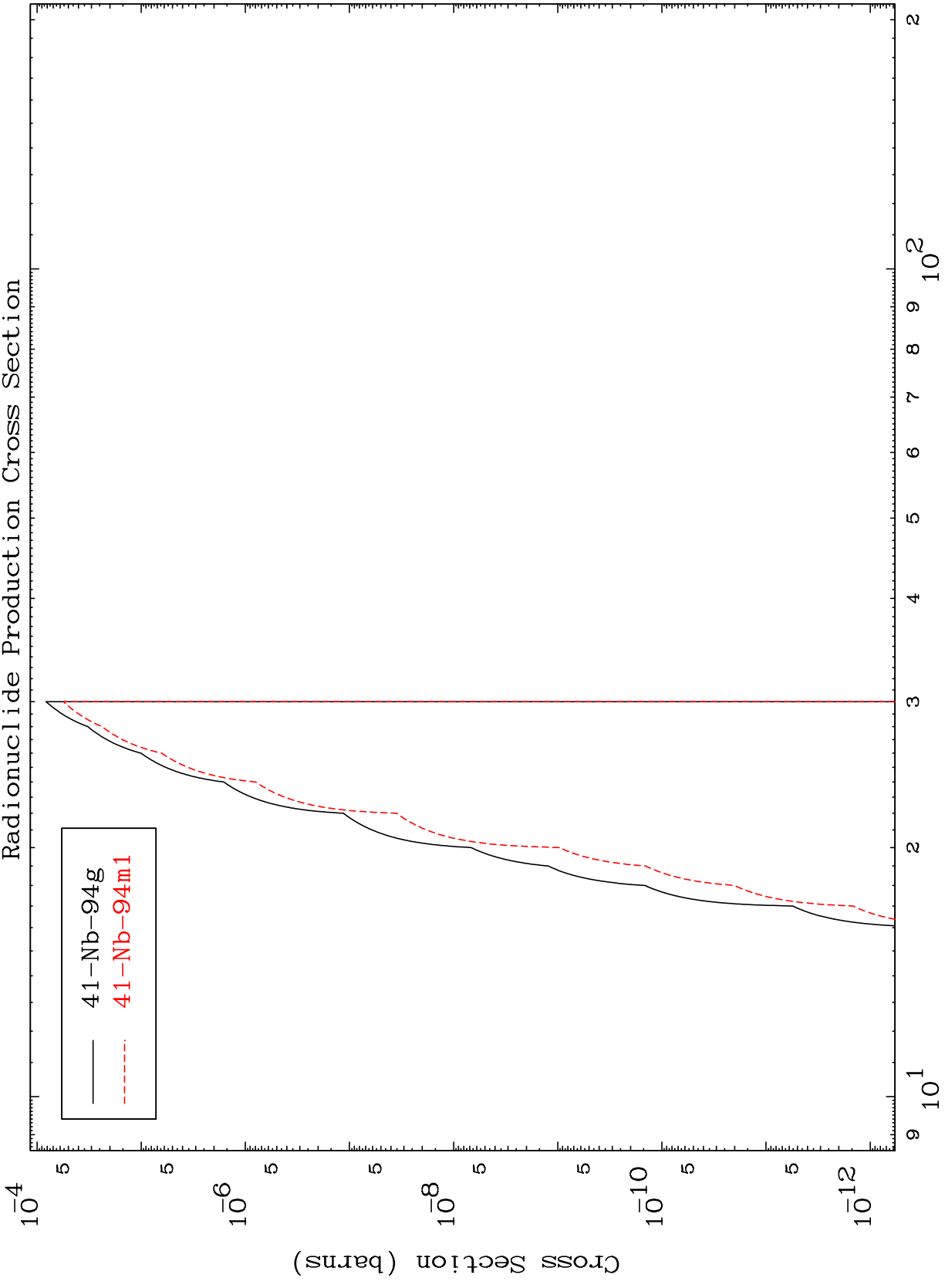
42-Mo-95

MAT 4234

(α, p) α

42-Mo-95

Radionuclide Production Cross Section



41-Nb-94g
41-Nb-94m1

20

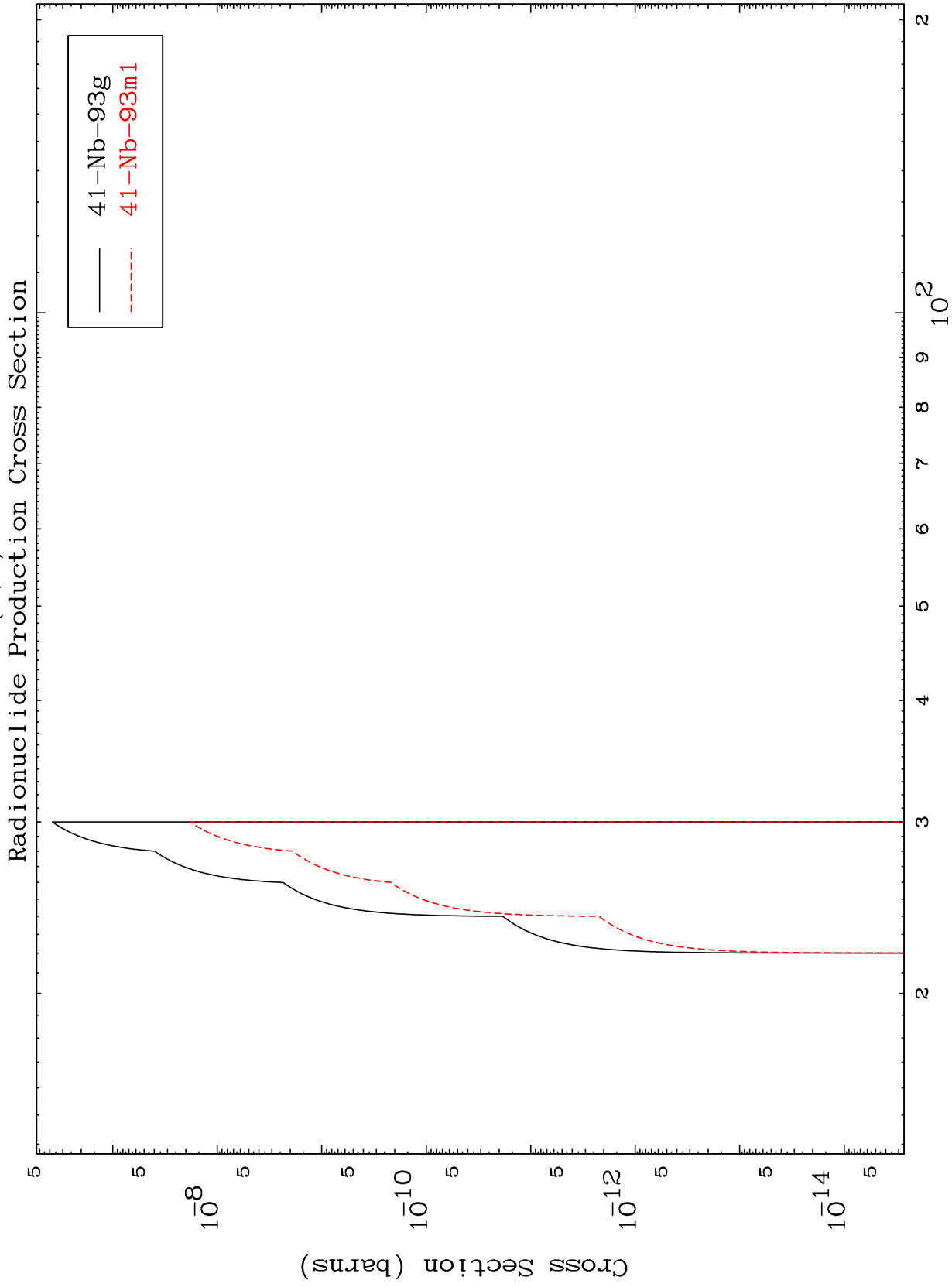
Incident Energy (MeV)

42-Mo-95

MAT 4234

(α, d) α

42-Mo-95



21

Incident Energy (MeV)

42-Mo-95