

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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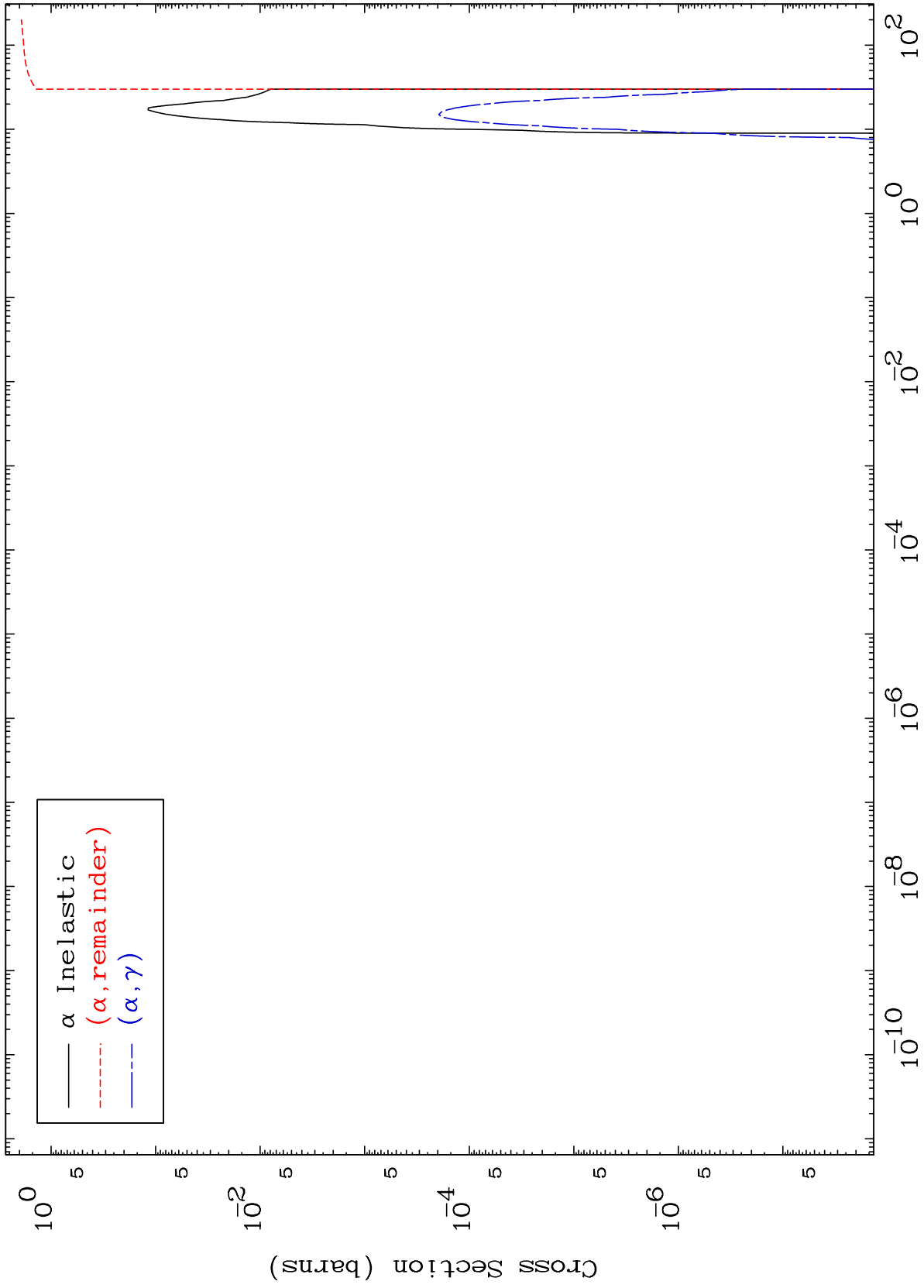
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 4219

0 Kelvin α Major
Cross Sections

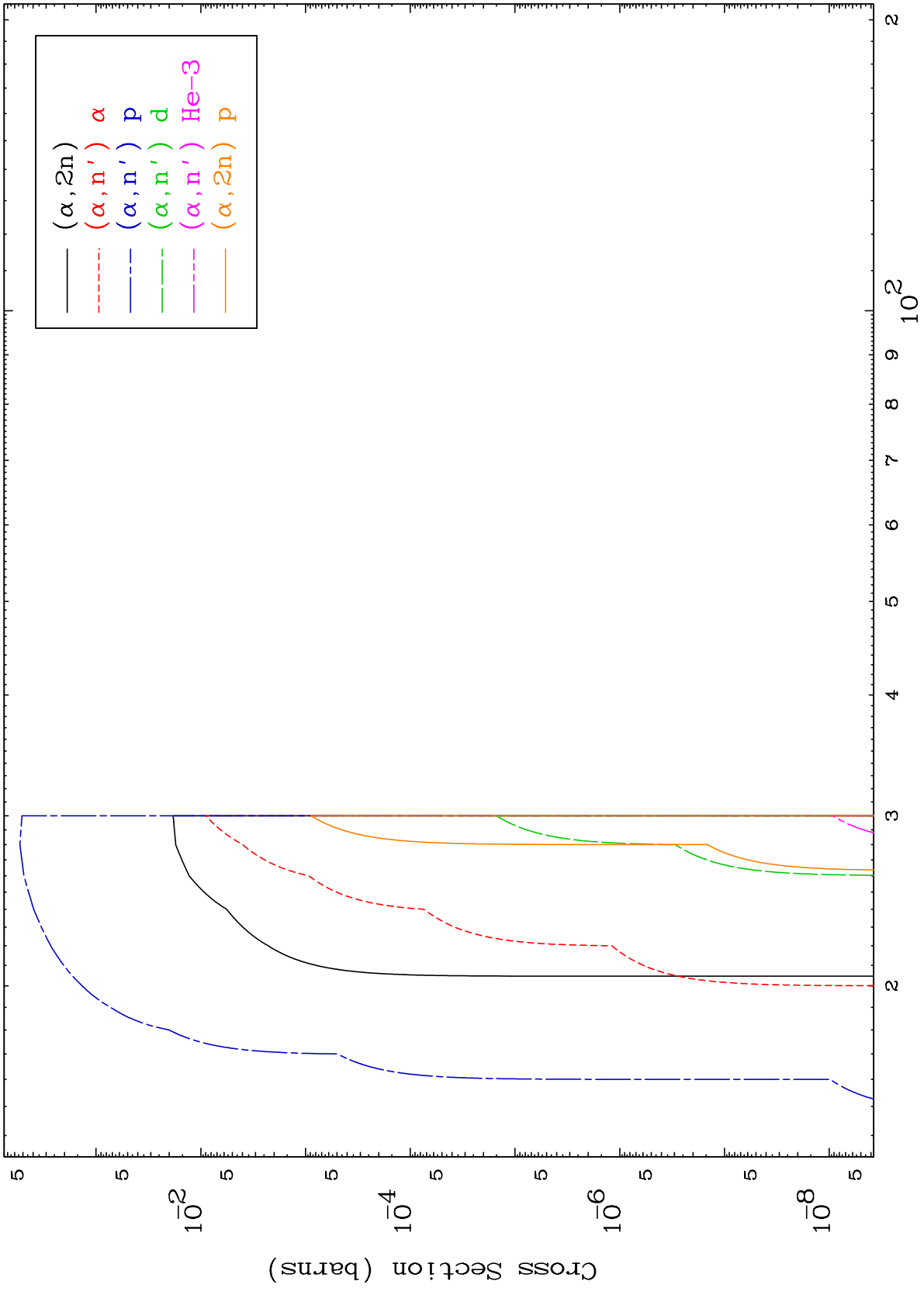
42-Mo-90

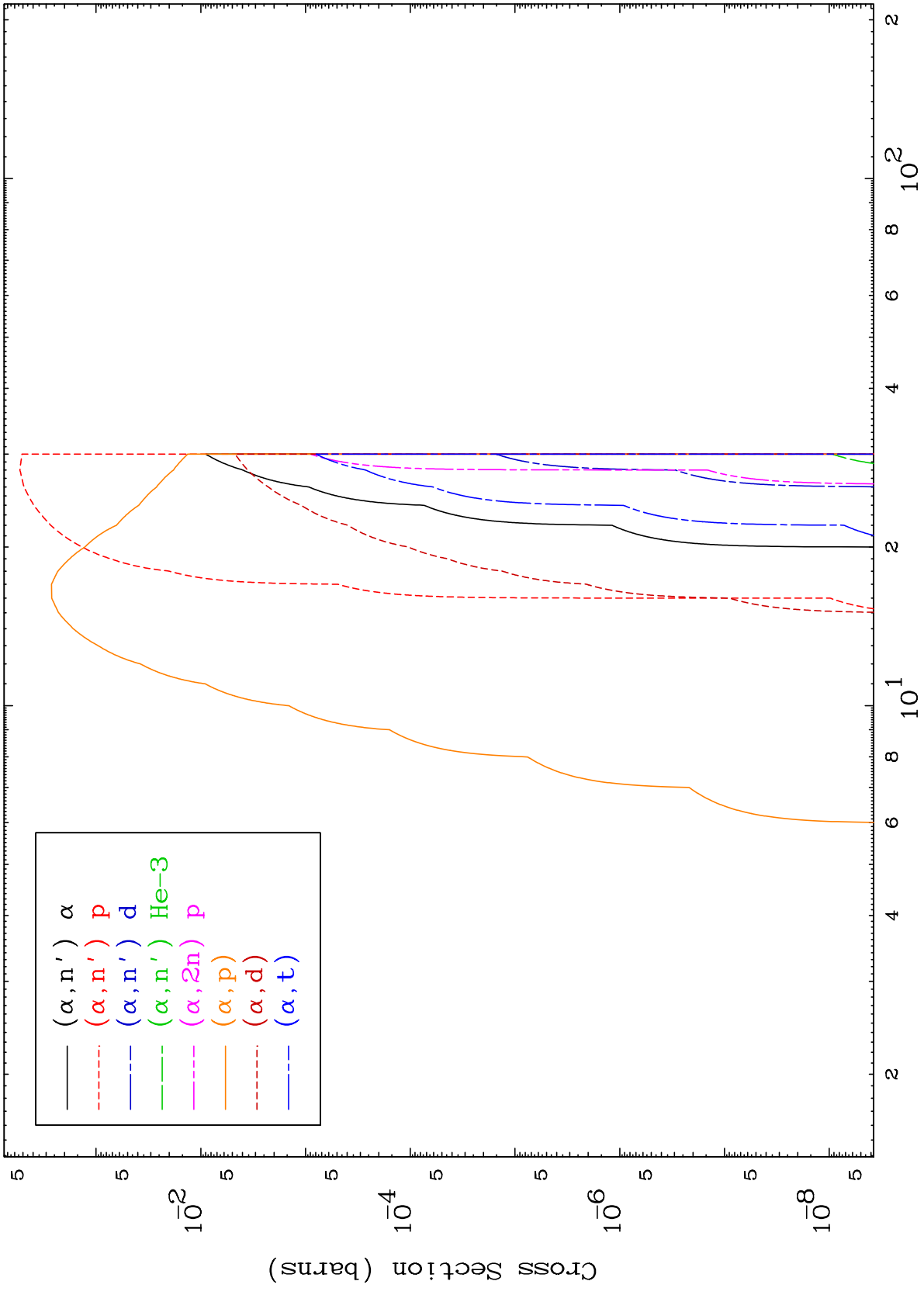


1

Incident Energy (MeV)

42-Mo-90

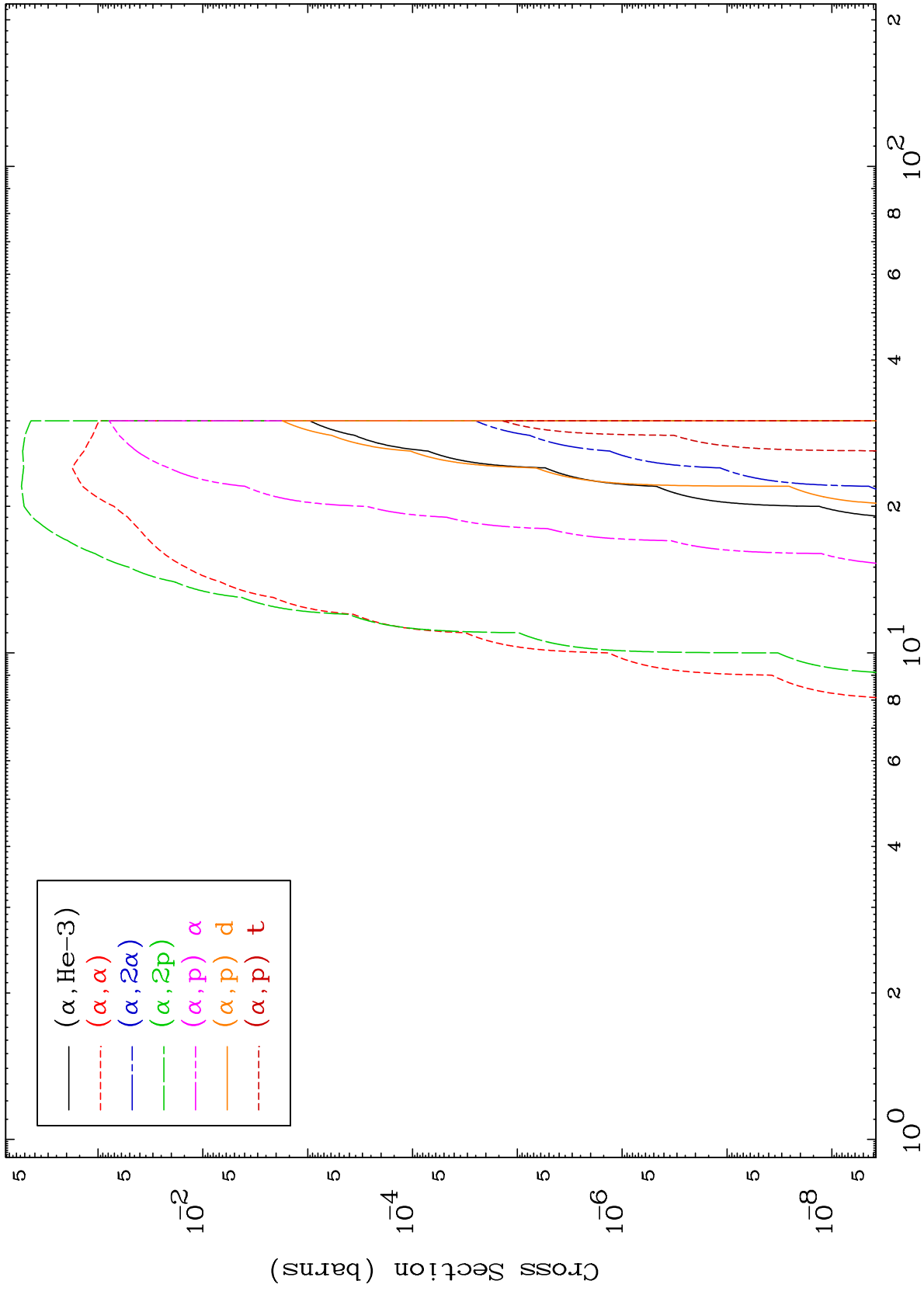




MAT 4219

α Charged Particle
0 Kelvin Cross Sections

42-Mo-90



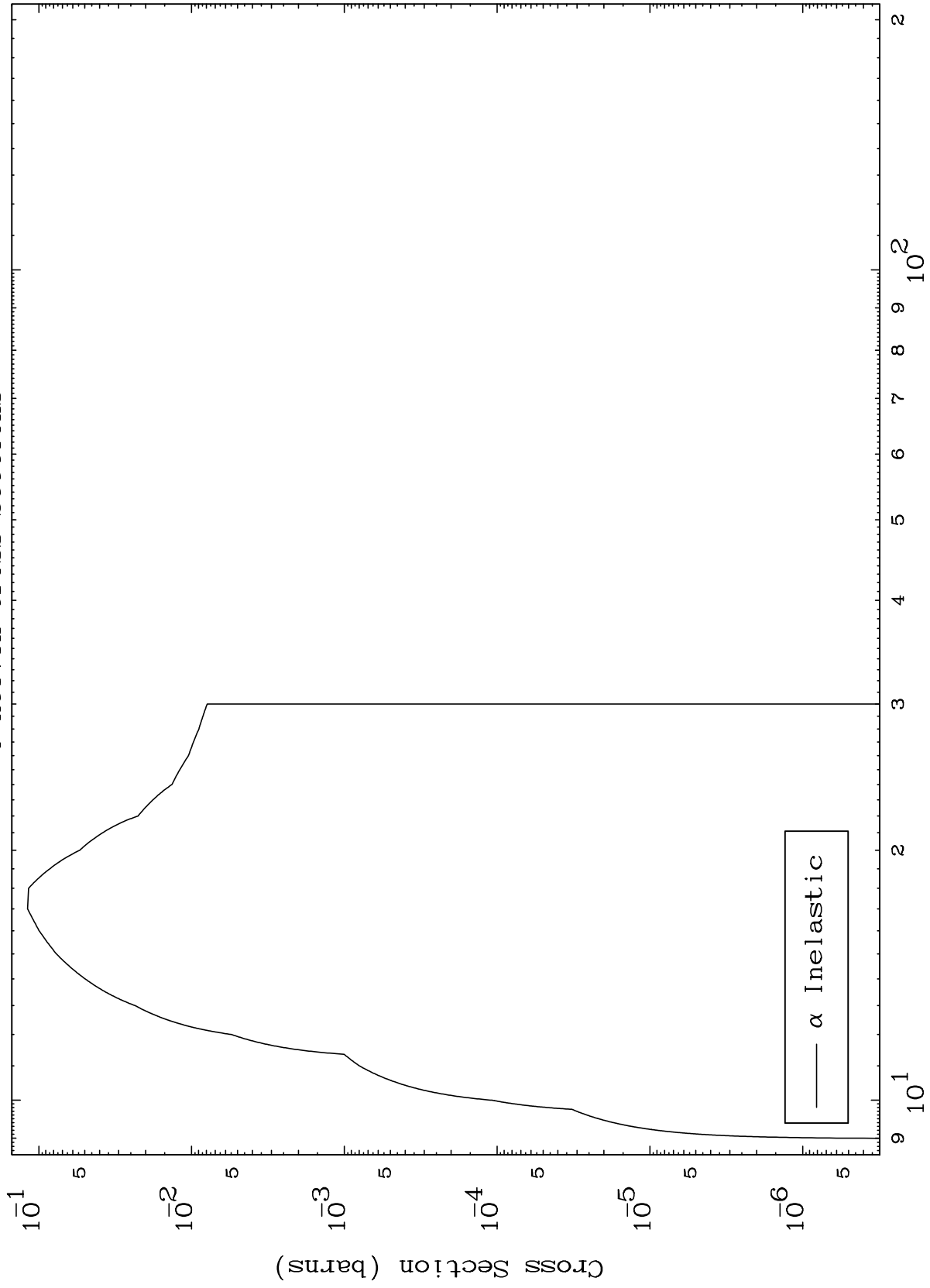
Incident Energy (MeV)

42-Mo-90

MAT 4219

(α, n') Level
0 Kelvin Cross Sections

42-Mo-90



5

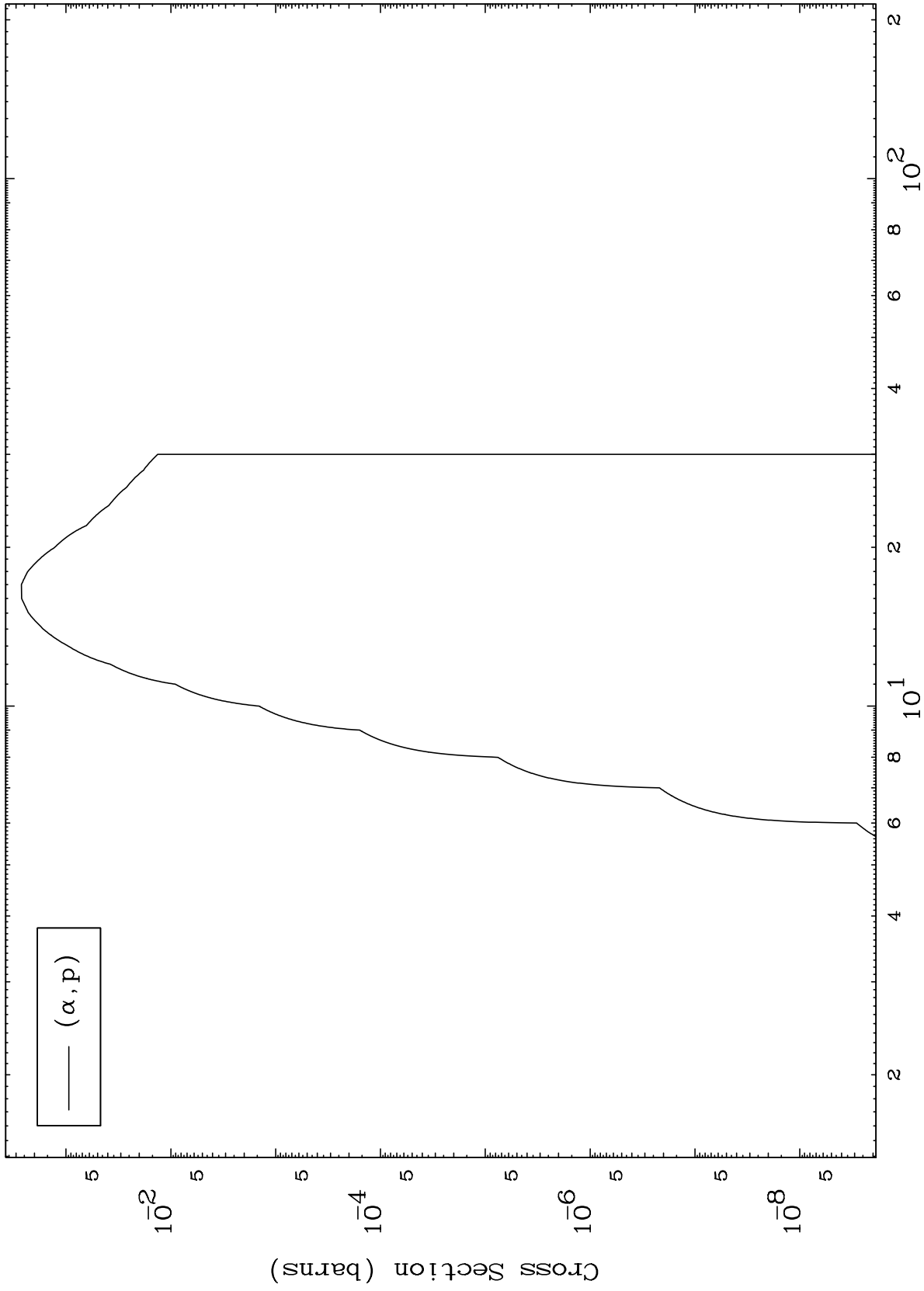
Incident Energy (MeV)

42-Mo-90

MAT 4219

(α, p) Levels
0 Kelvin Cross Sections

42-Mo-90



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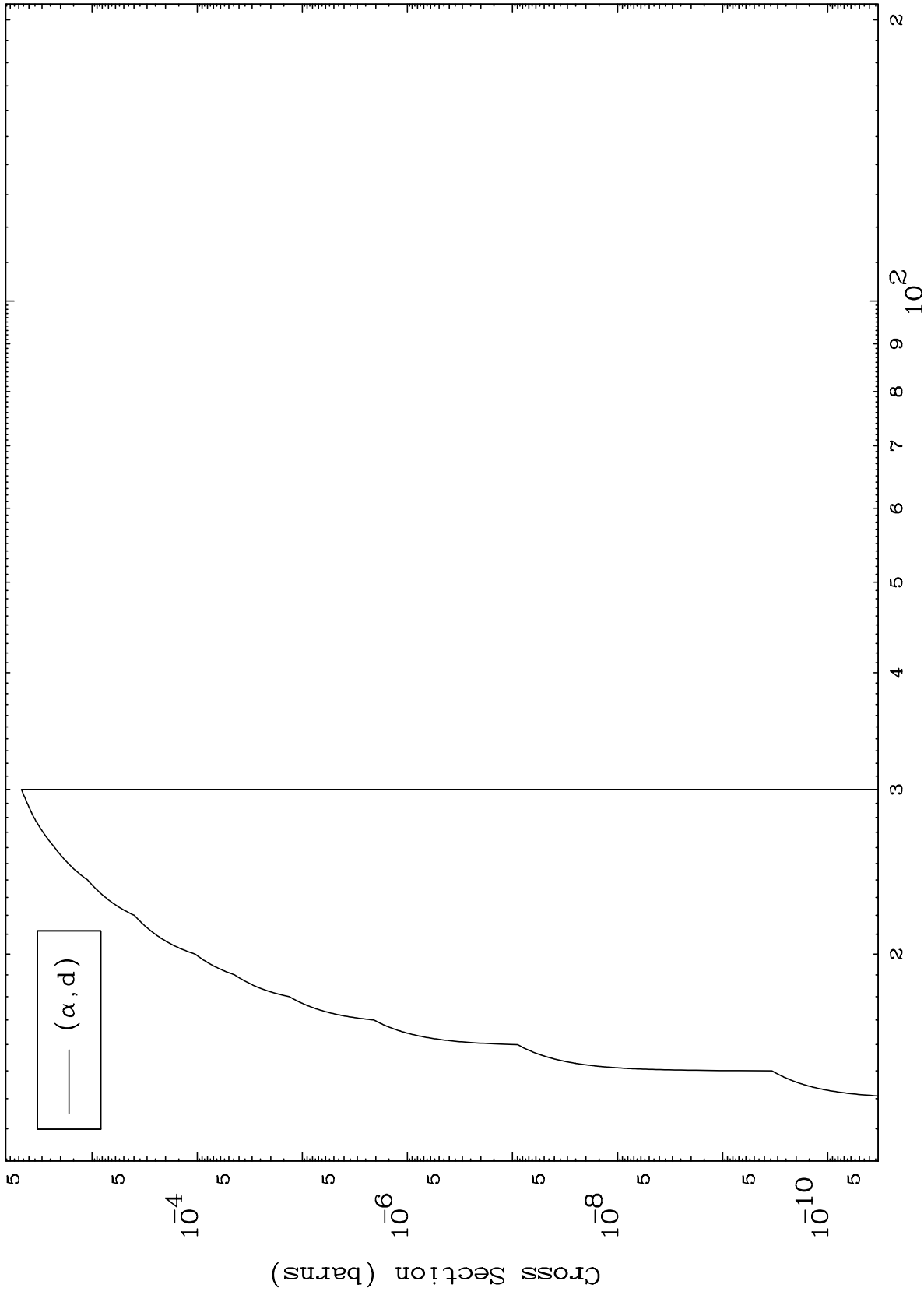
Incident Energy (MeV)

42-Mo-90

MAT 4219

(α, d) Levels
0 Kelvin Cross Sections

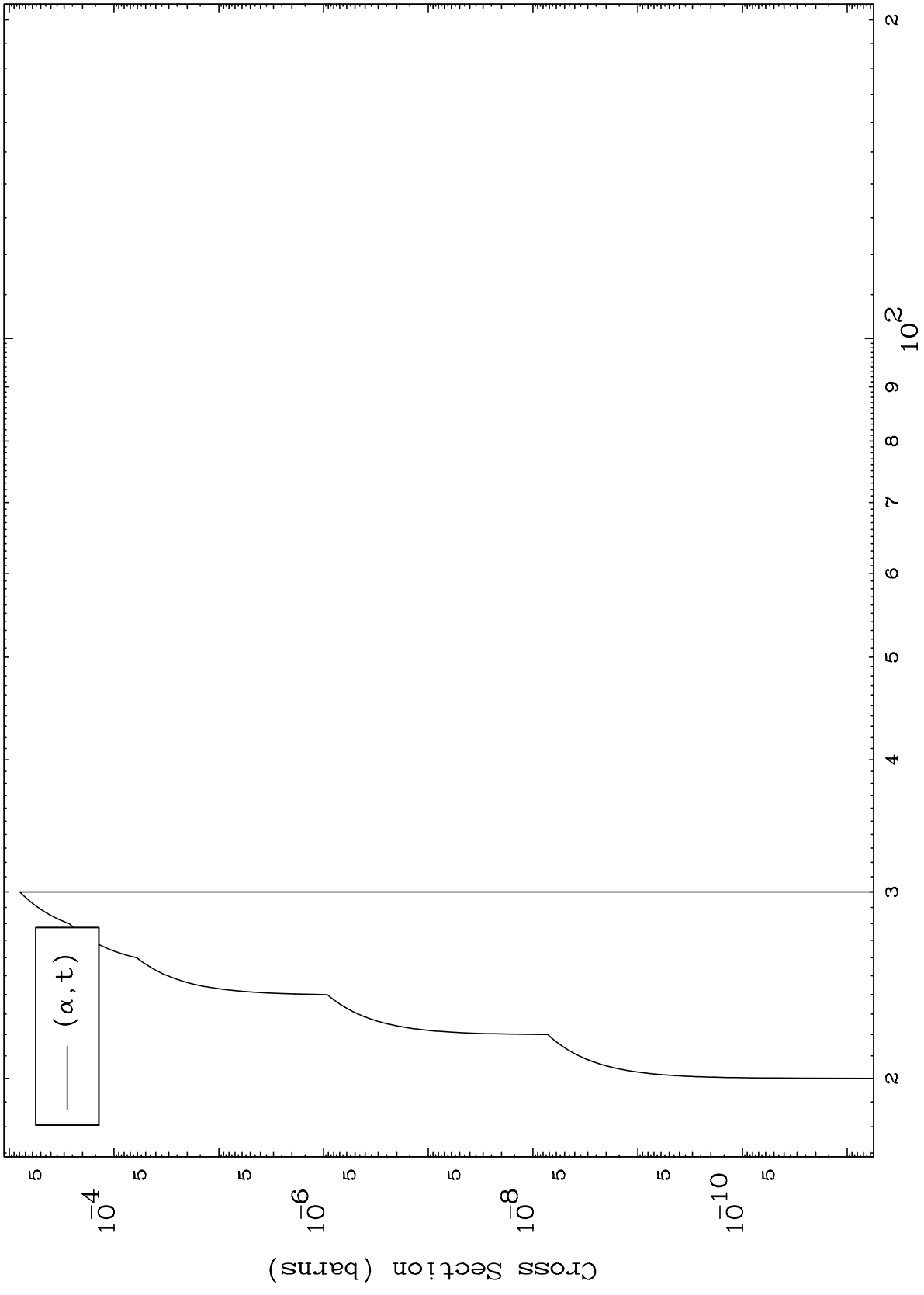
42-Mo-90

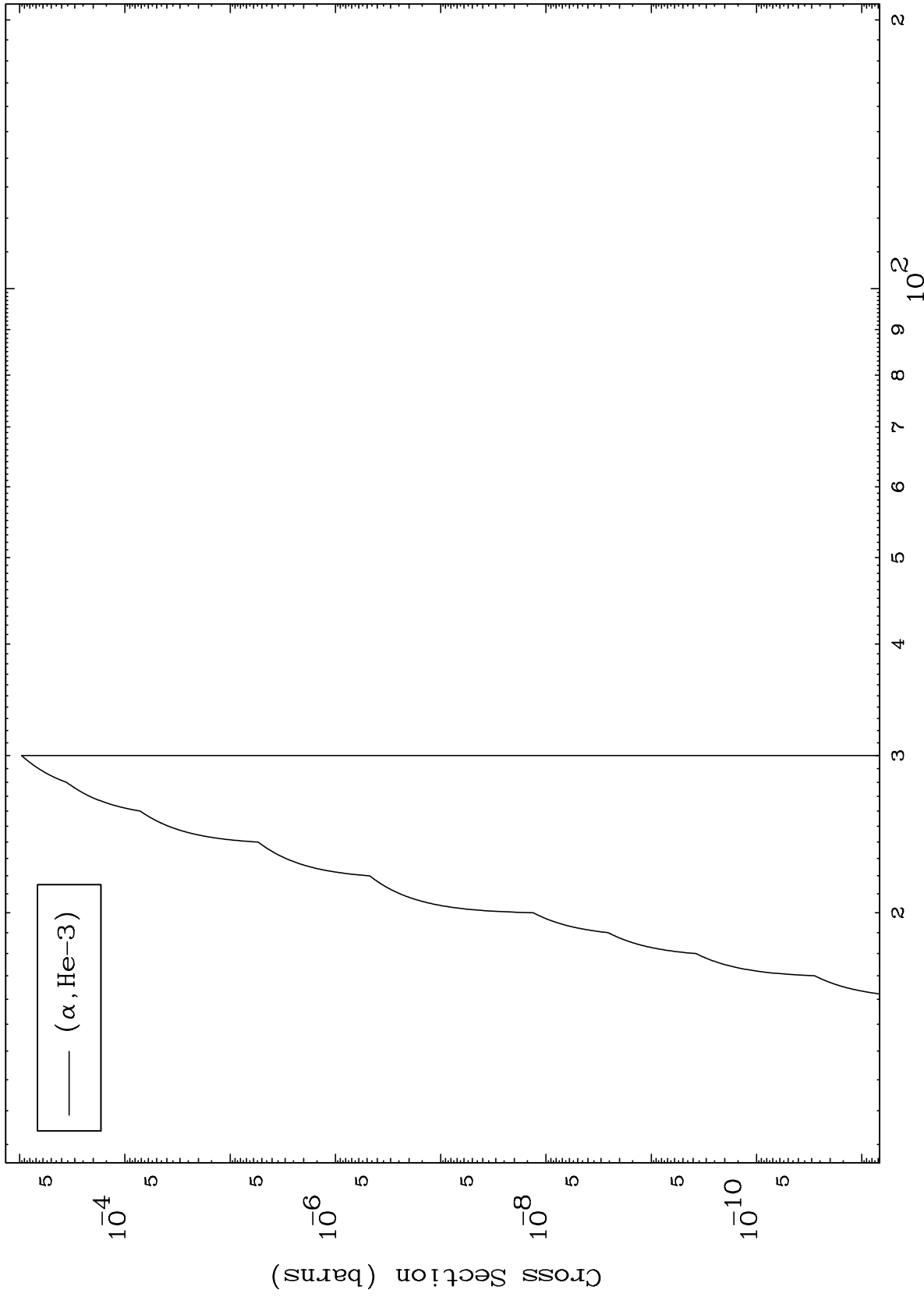


7

Incident Energy (MeV)

42-Mo-90

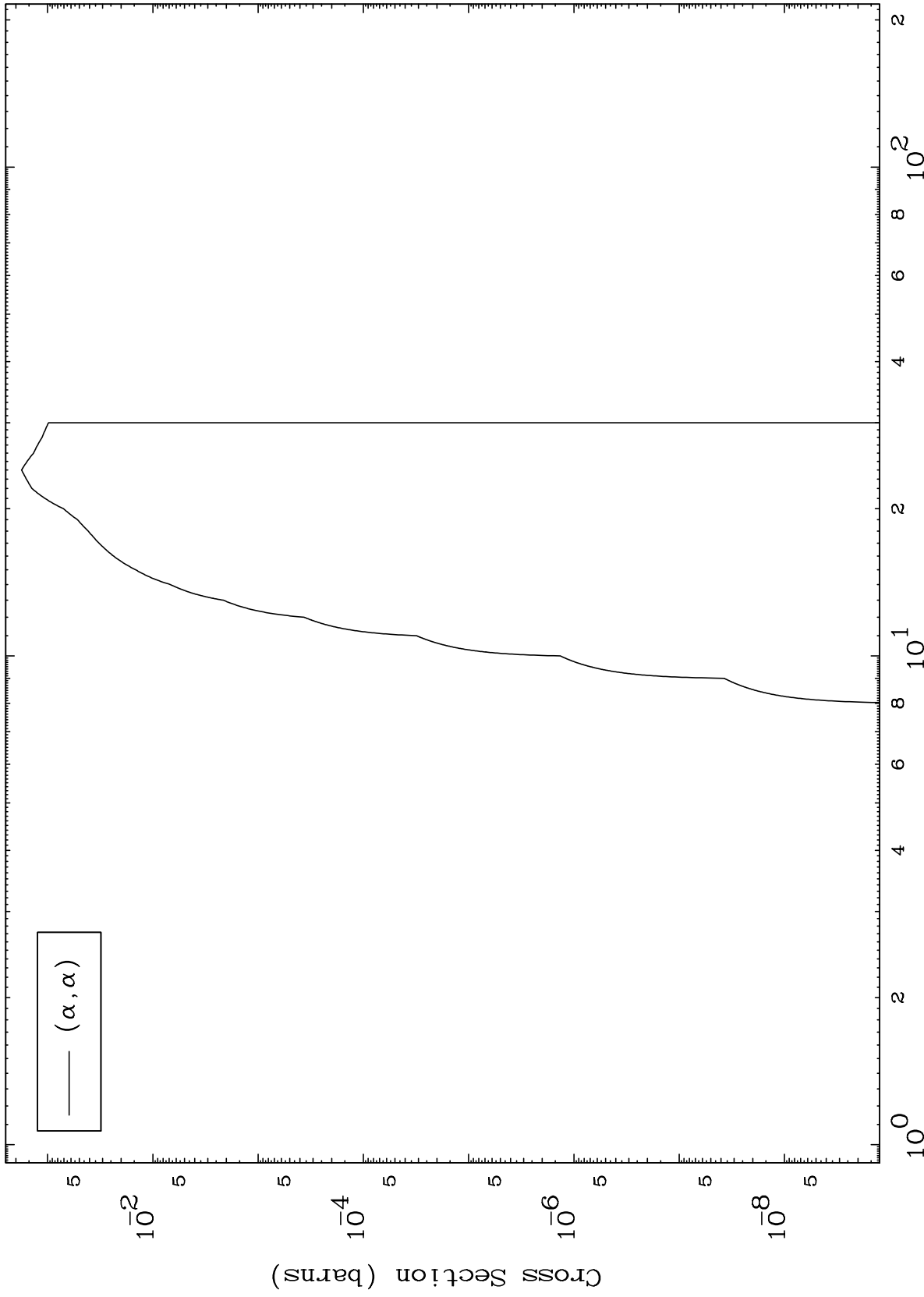




MAT 4219

(α, α) Levels
0 Kelvin Cross Sections

42-Mo-90



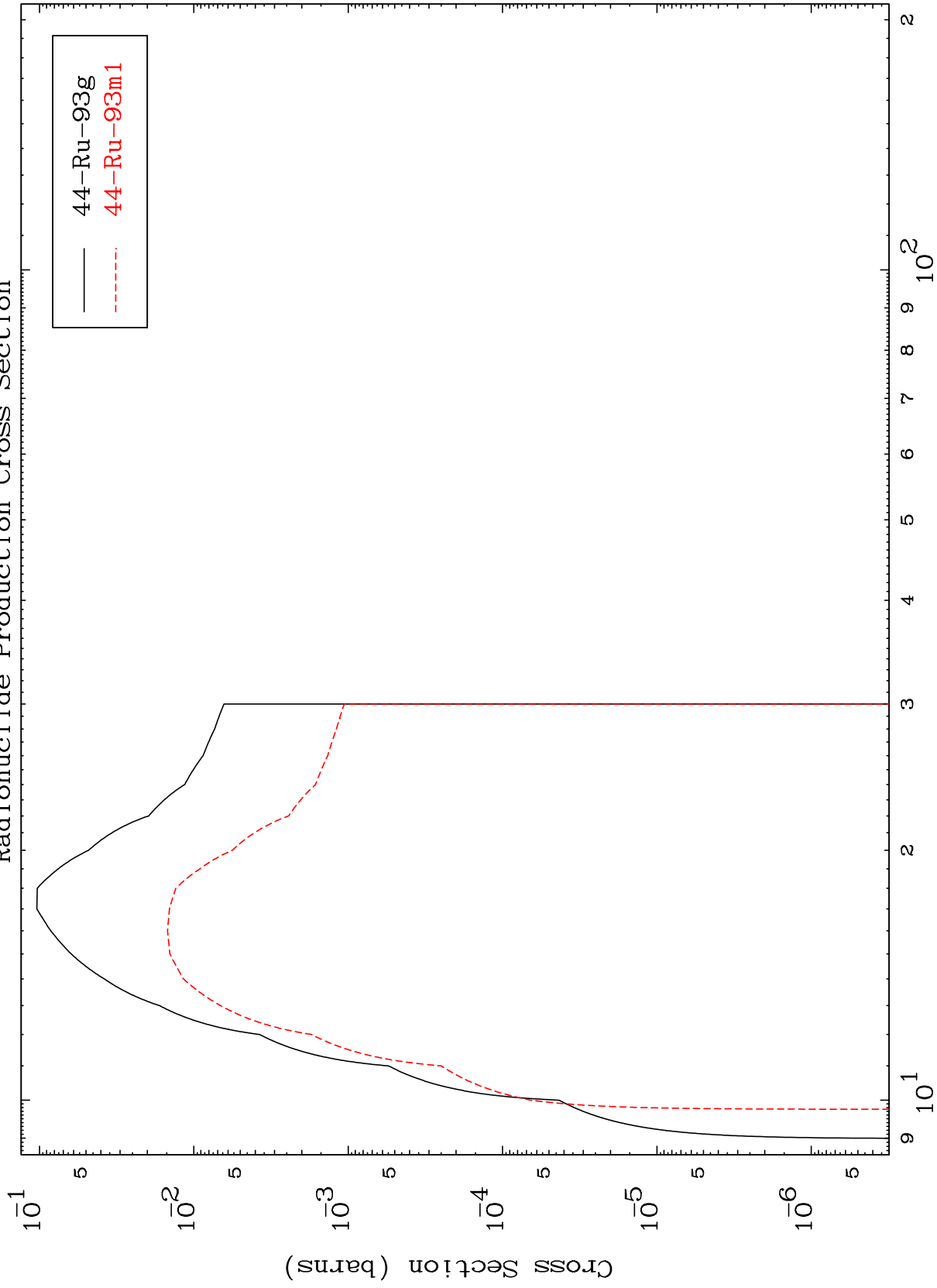
Incident Energy (MeV)

42-Mo-90

MAT 4219

42-Mo-90

α Inelastic
Radionuclide Production Cross Section



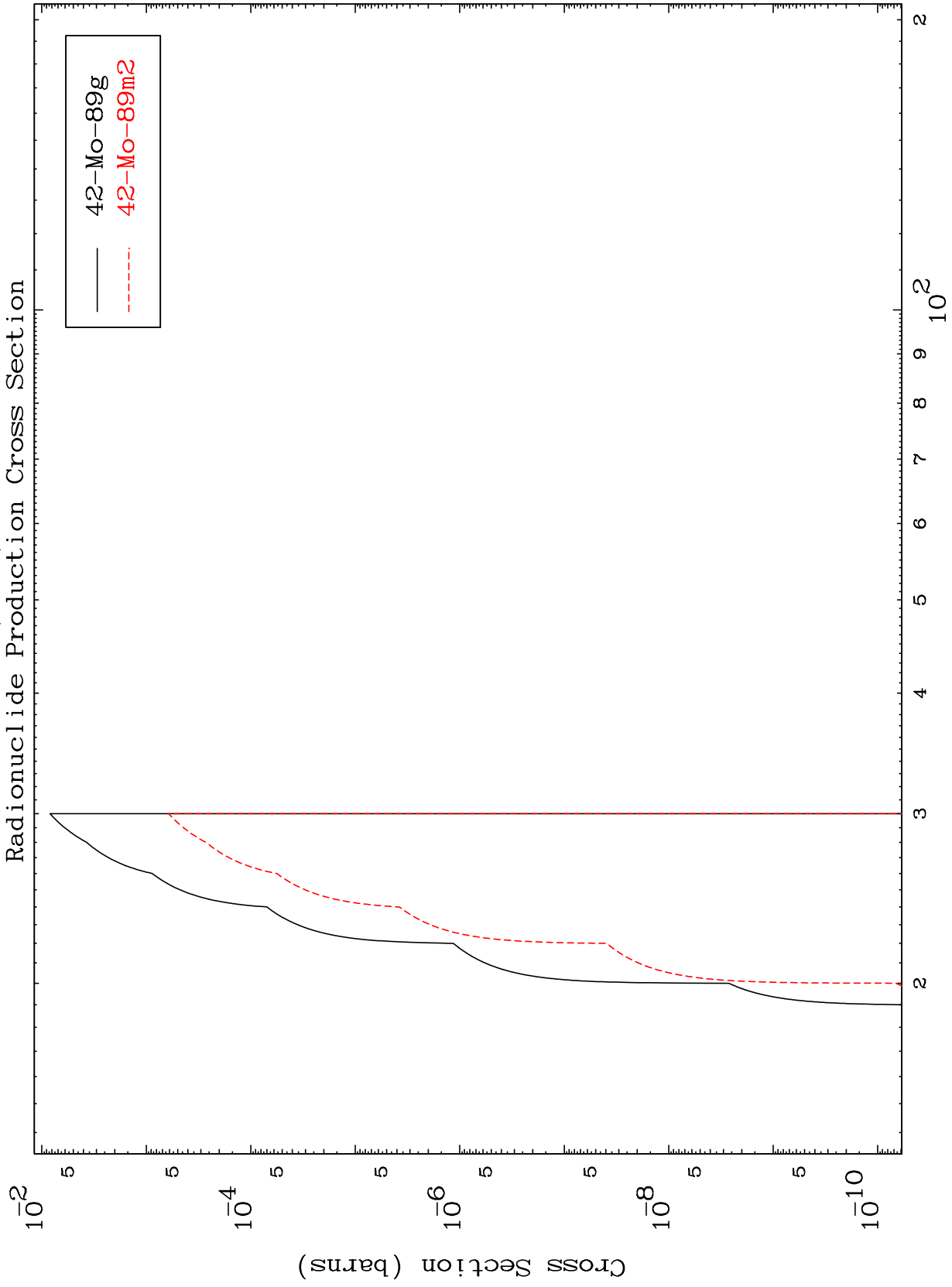
11

42-Mo-90

MAT 4219

(α, n') α

42-Mo-90



12

Incident Energy (MeV)

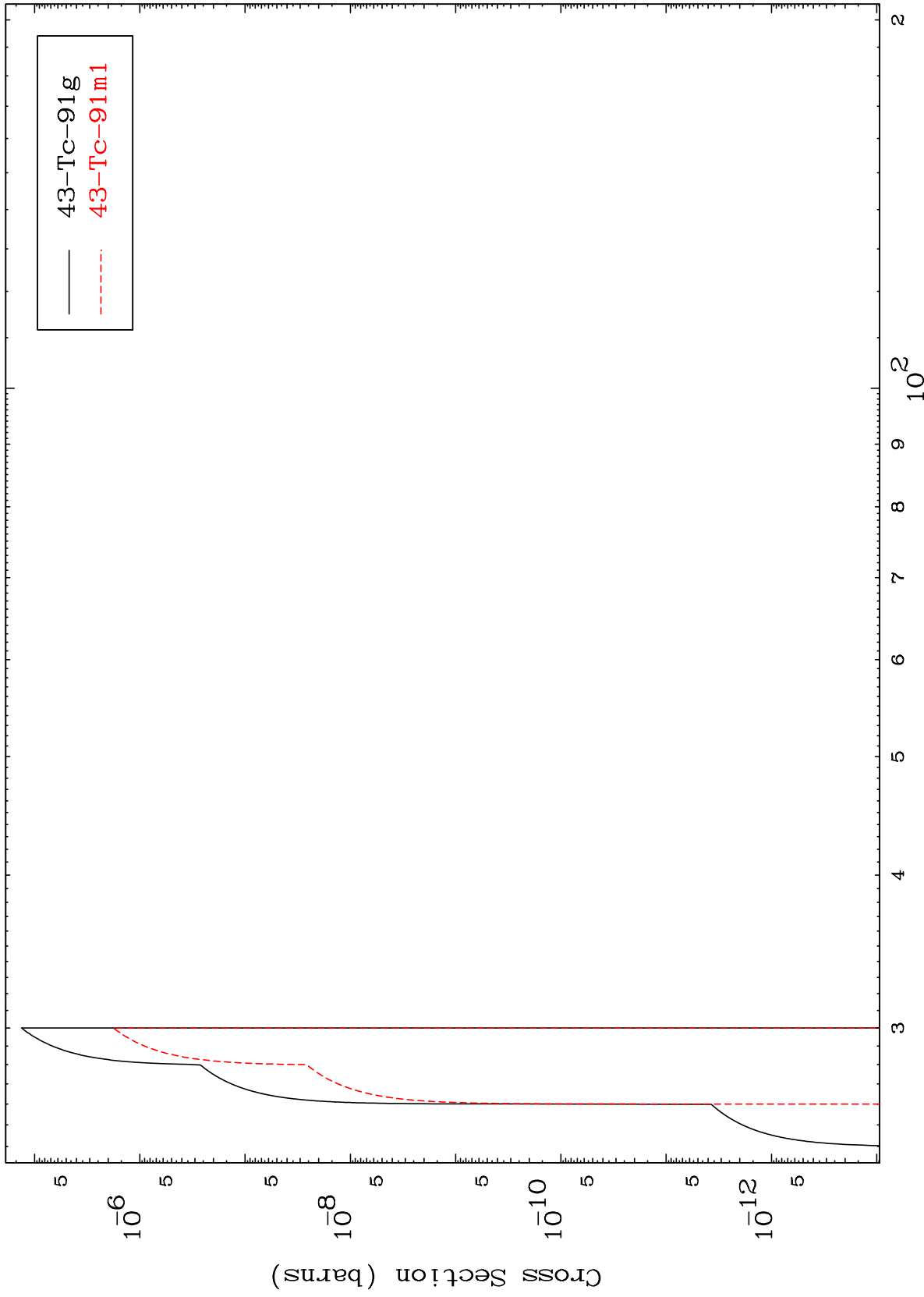
42-Mo-90

MAT 4219

(α, n') d

42-Mo-90

Radionuclide Production Cross Section



13

Incident Energy (MeV)

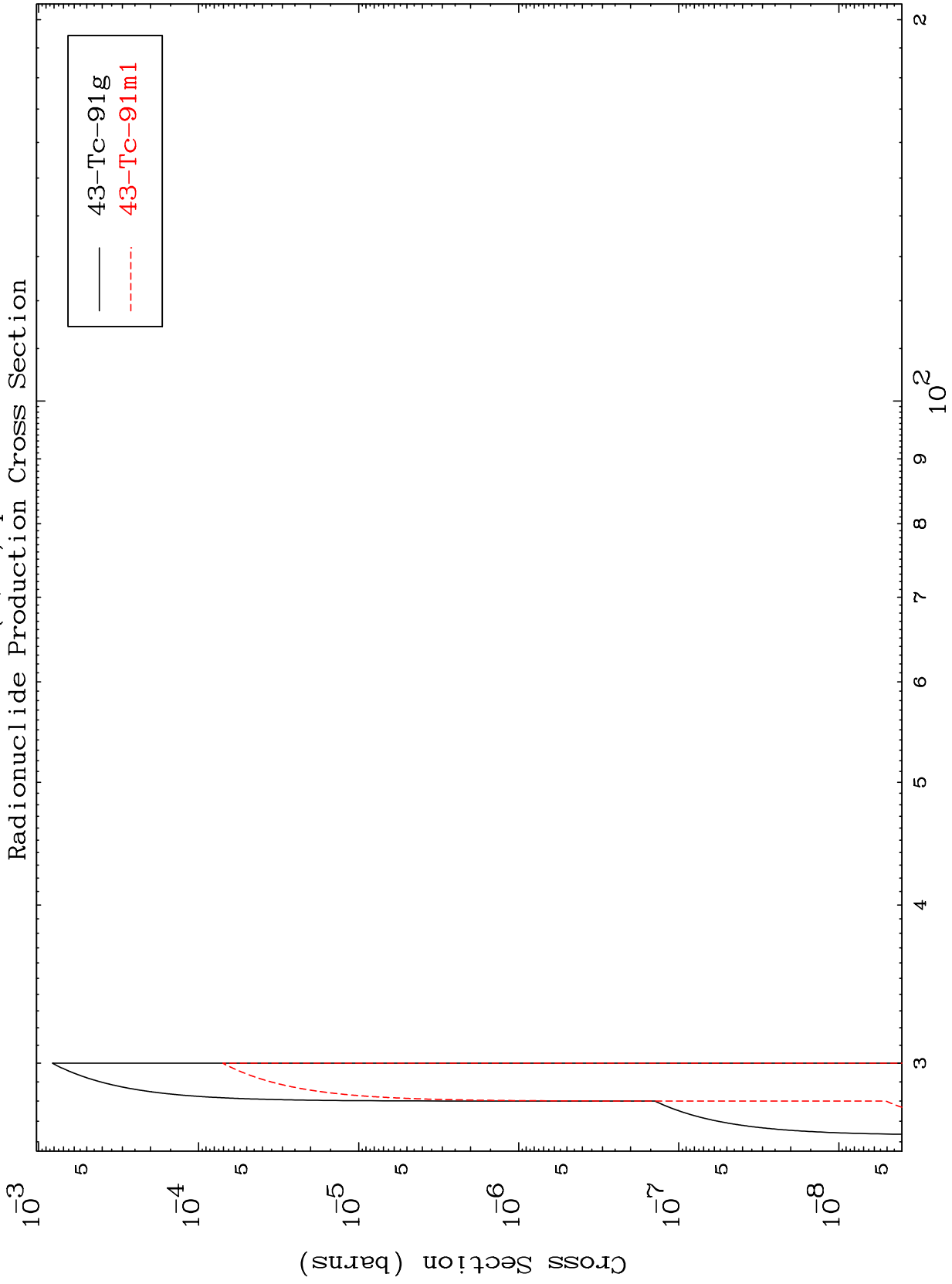
42-Mo-90

MAT 4219

($\alpha, 2n$) p

42-Mo-90

Radionuclide Production Cross Section



42-Mo-90

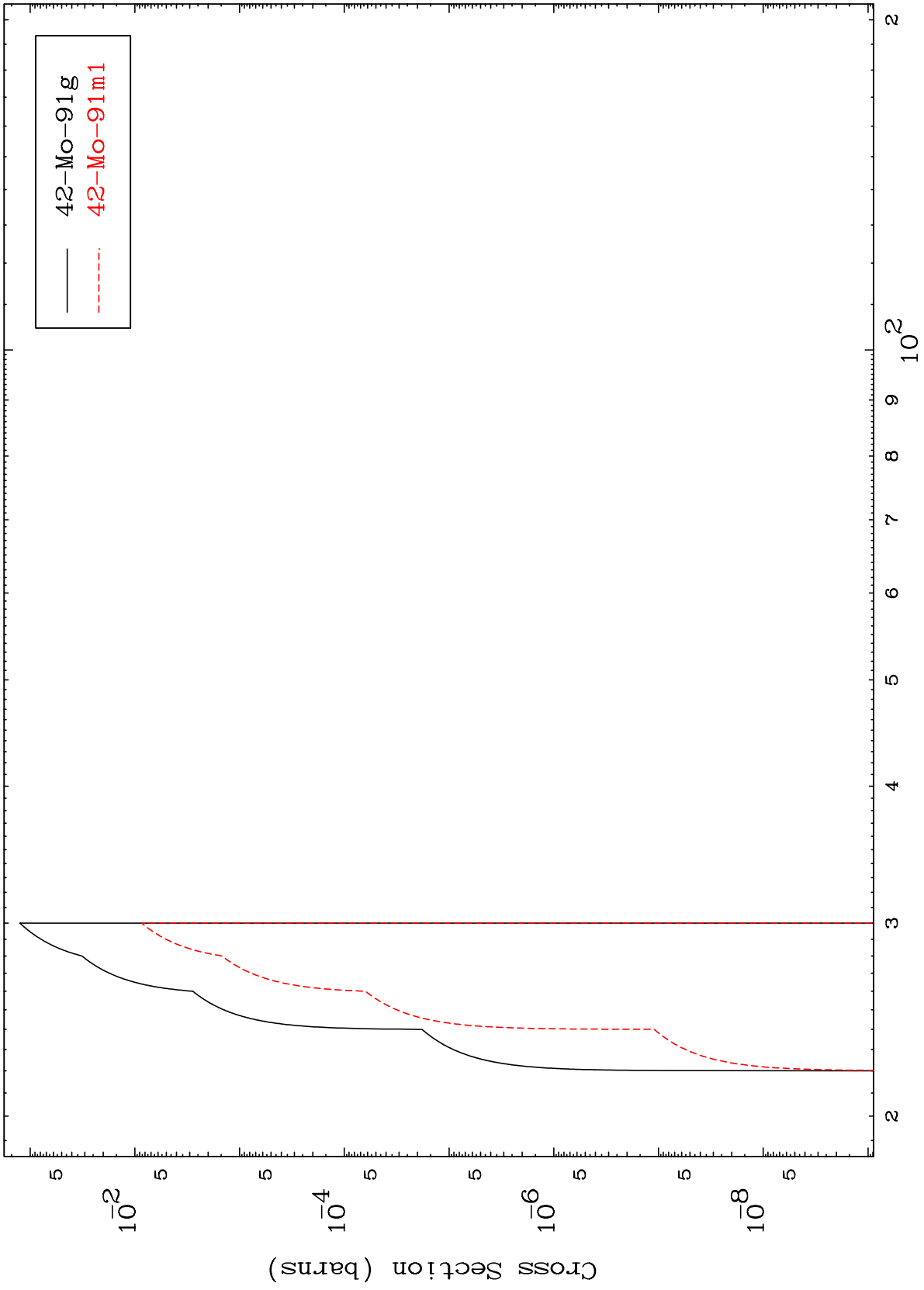
Incident Energy (MeV)

14

MAT 4219

42-Mo-90

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



15

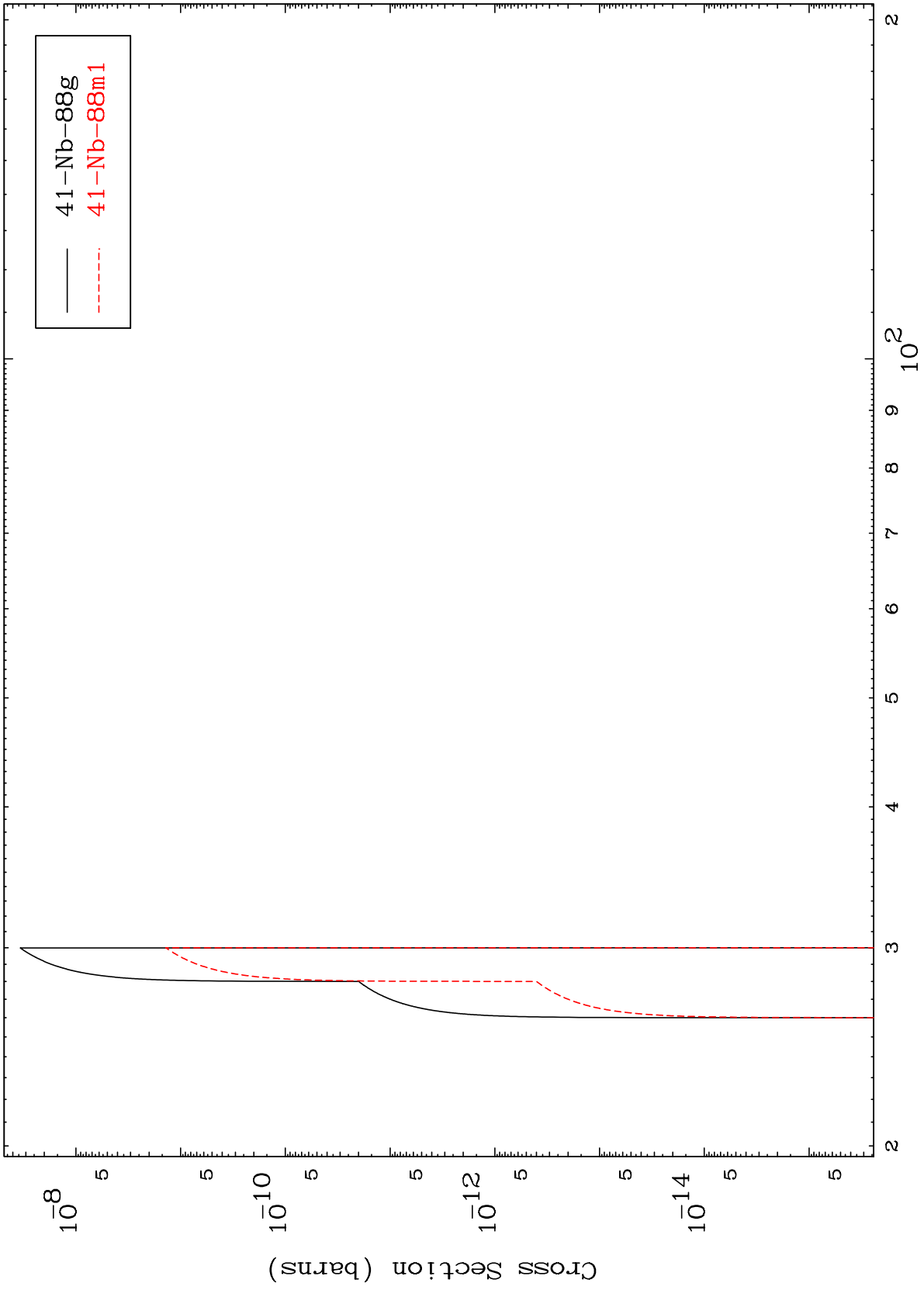
42-Mo-90

MAT 4219

(α, n') p α

42-Mo-90

Radionuclide Production Cross Section



16

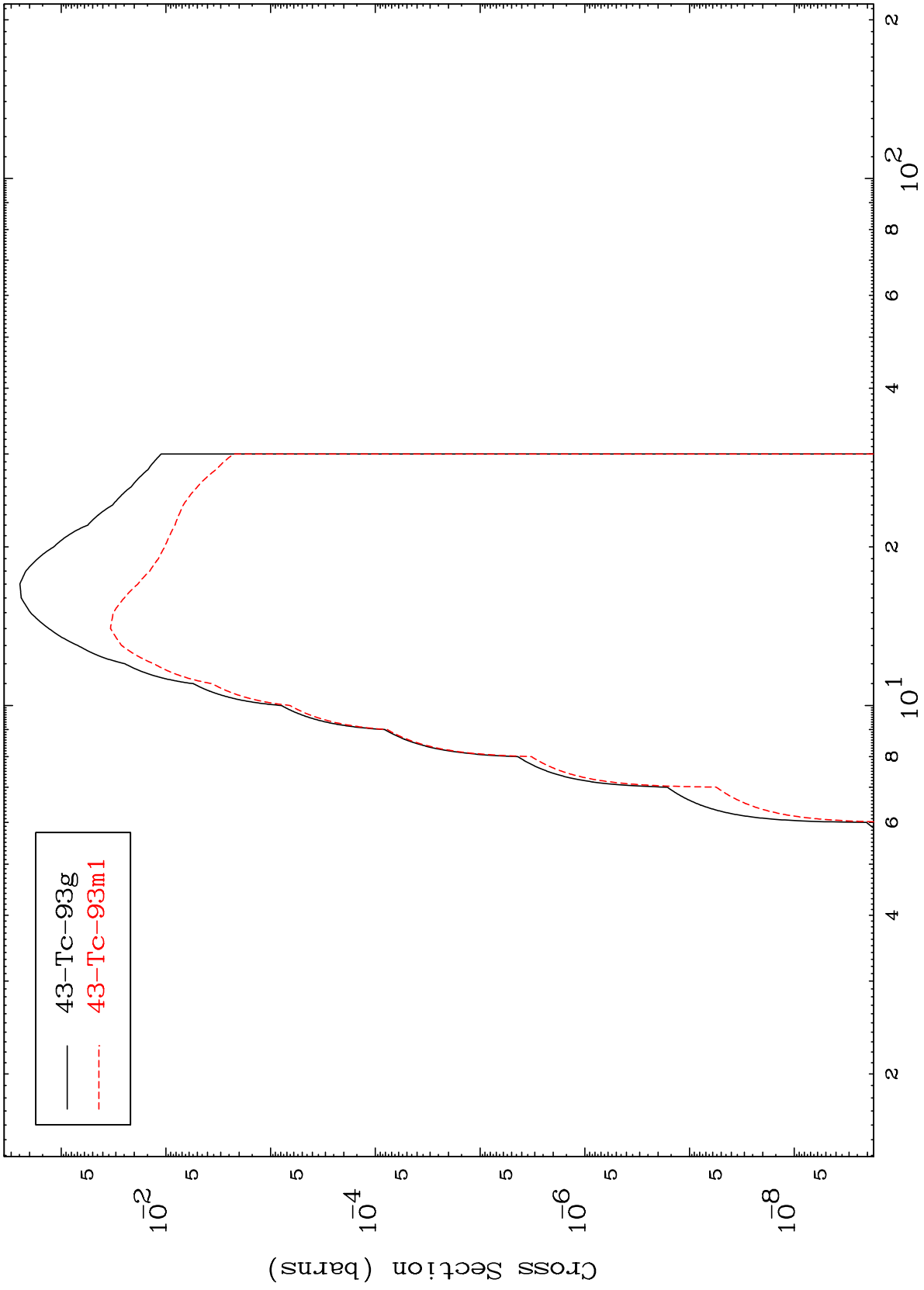
Incident Energy (MeV)

42-Mo-90

MAT 4219

42-Mo-90

Radionuclide Production Cross Section
(α, p)



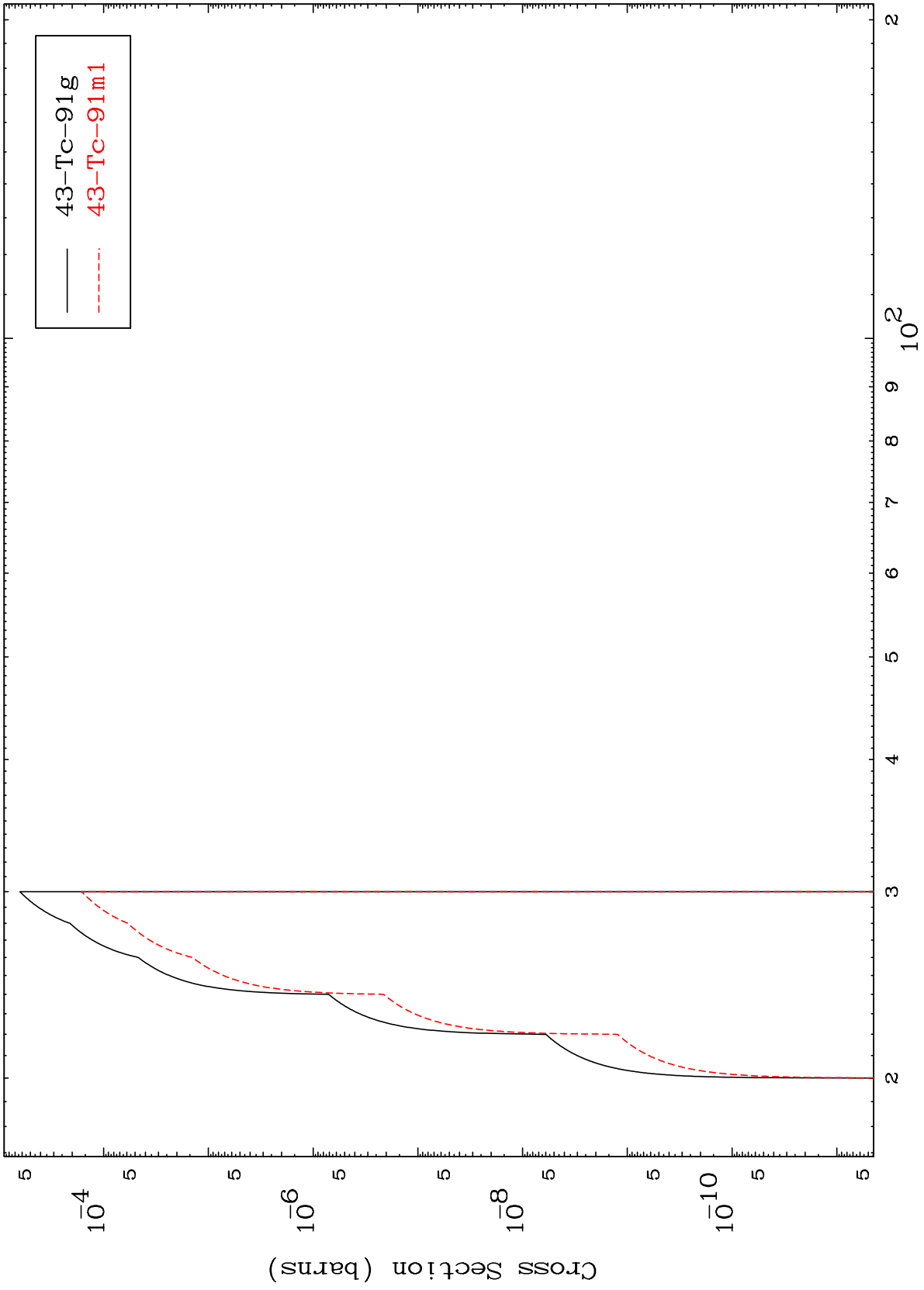
17

42-Mo-90

MAT 4219

42-Mo-90

(α, t)
Radionuclide Production Cross Section



18

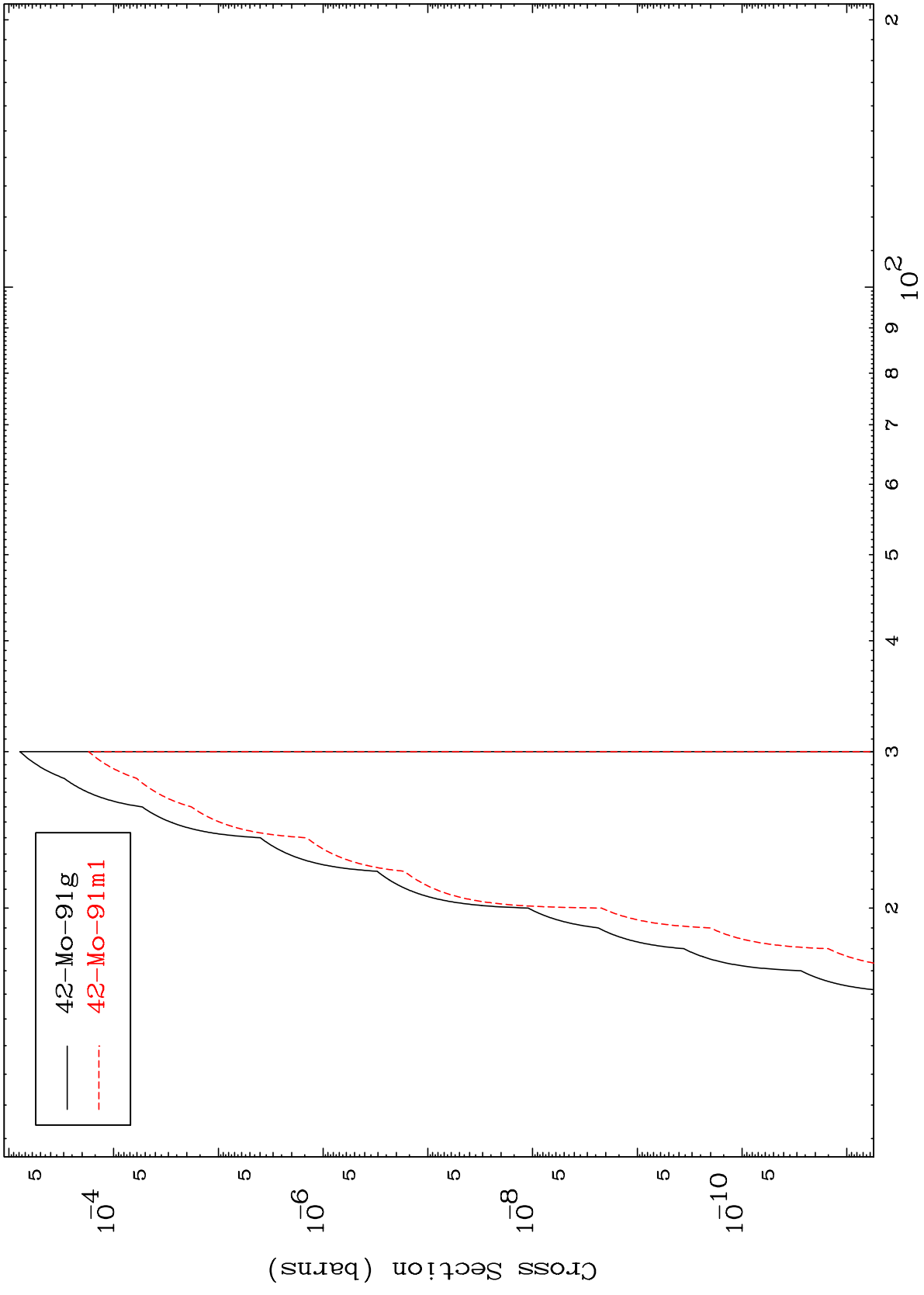
42-Mo-90

MAT 4219

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

42-Mo-90

Radionuclide Production Cross Section



19

Incident Energy (MeV)

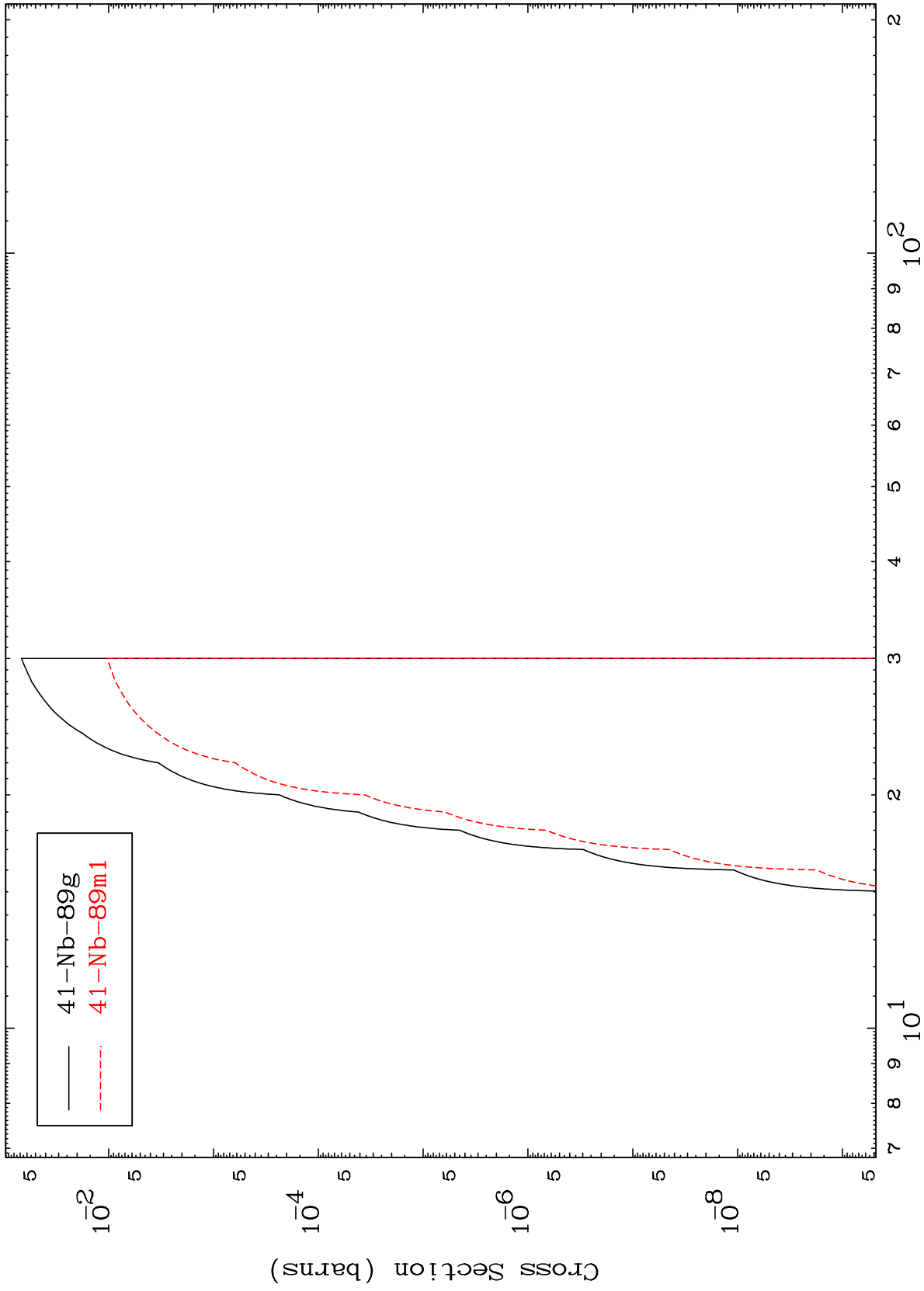
42-Mo-90

MAT 4219

(α, p) α

42-Mo-90

Radionuclide Production Cross Section



20

Incident Energy (MeV)

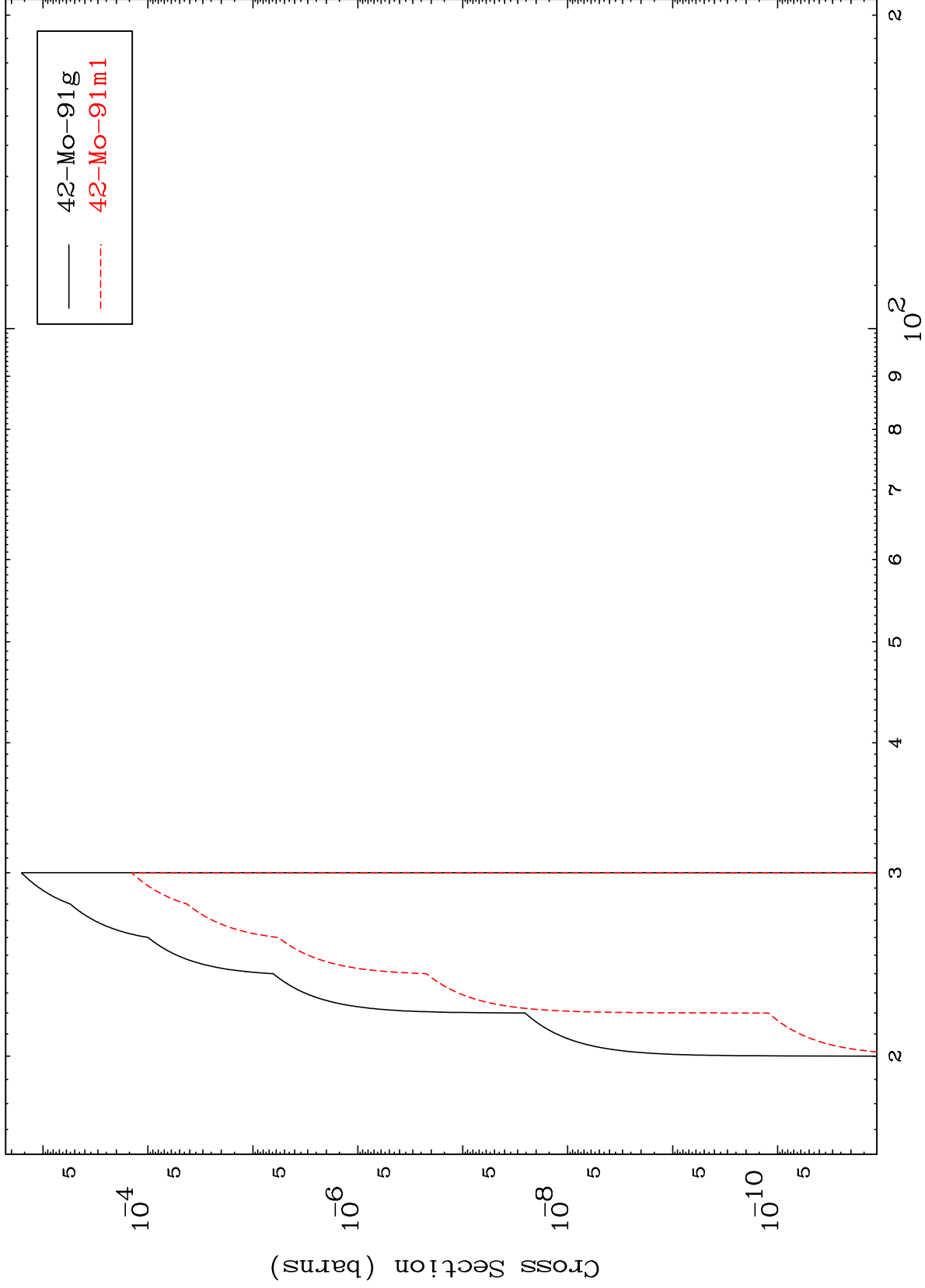
42-Mo-90

MAT 4219

(α, p) d

42-Mo-90

Radionuclide Production Cross Section



21

Incident Energy (MeV)

42-Mo-90