

Program EVALPLOT
(Version 2018-1)

by

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(Present Contact Information)

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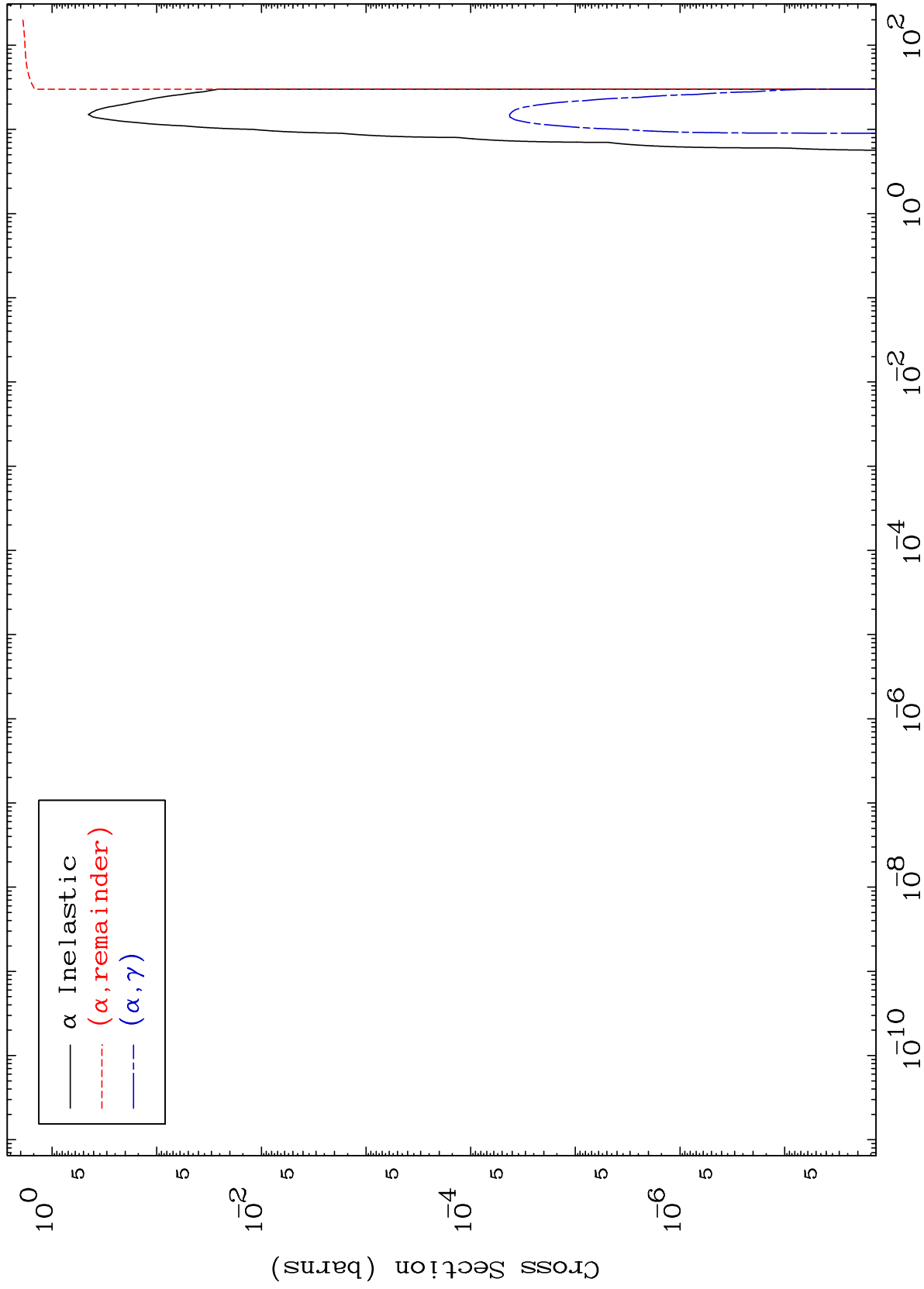
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3834

0 Kelvin α Major
Cross Sections

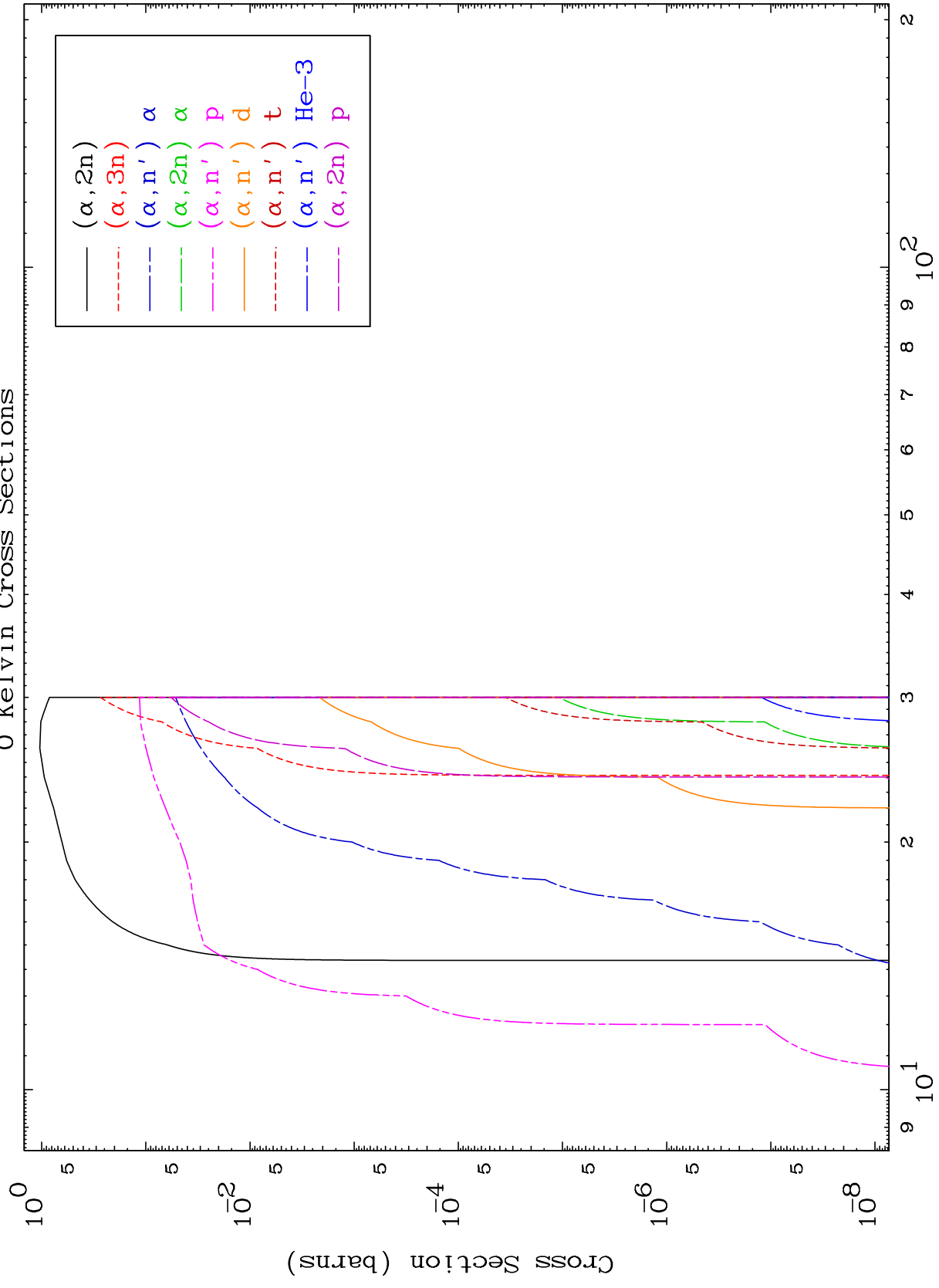
38-Sr-87



MAT 3834

α Neutron Production
0 Kelvin Cross Sections

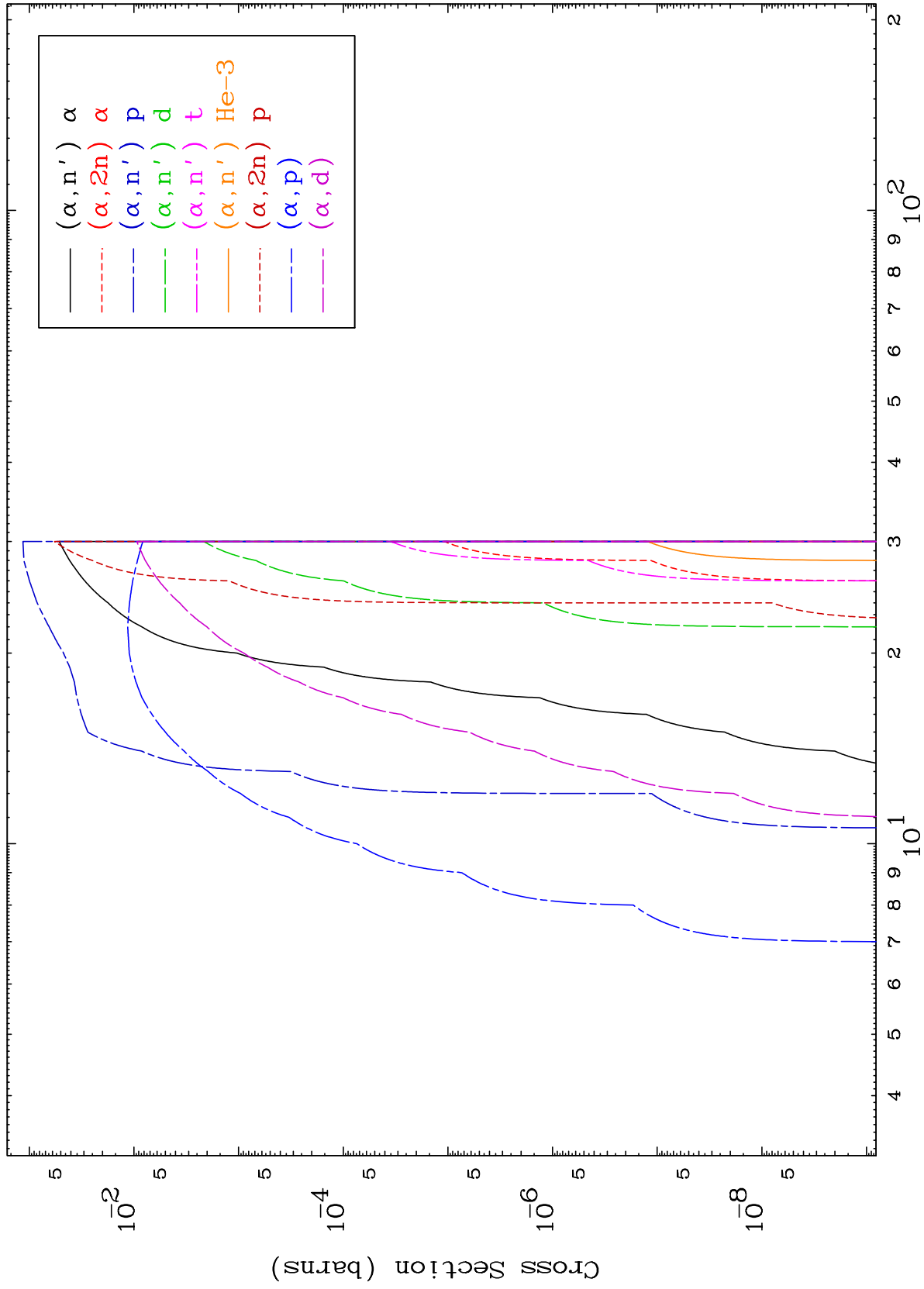
38-Sr-87

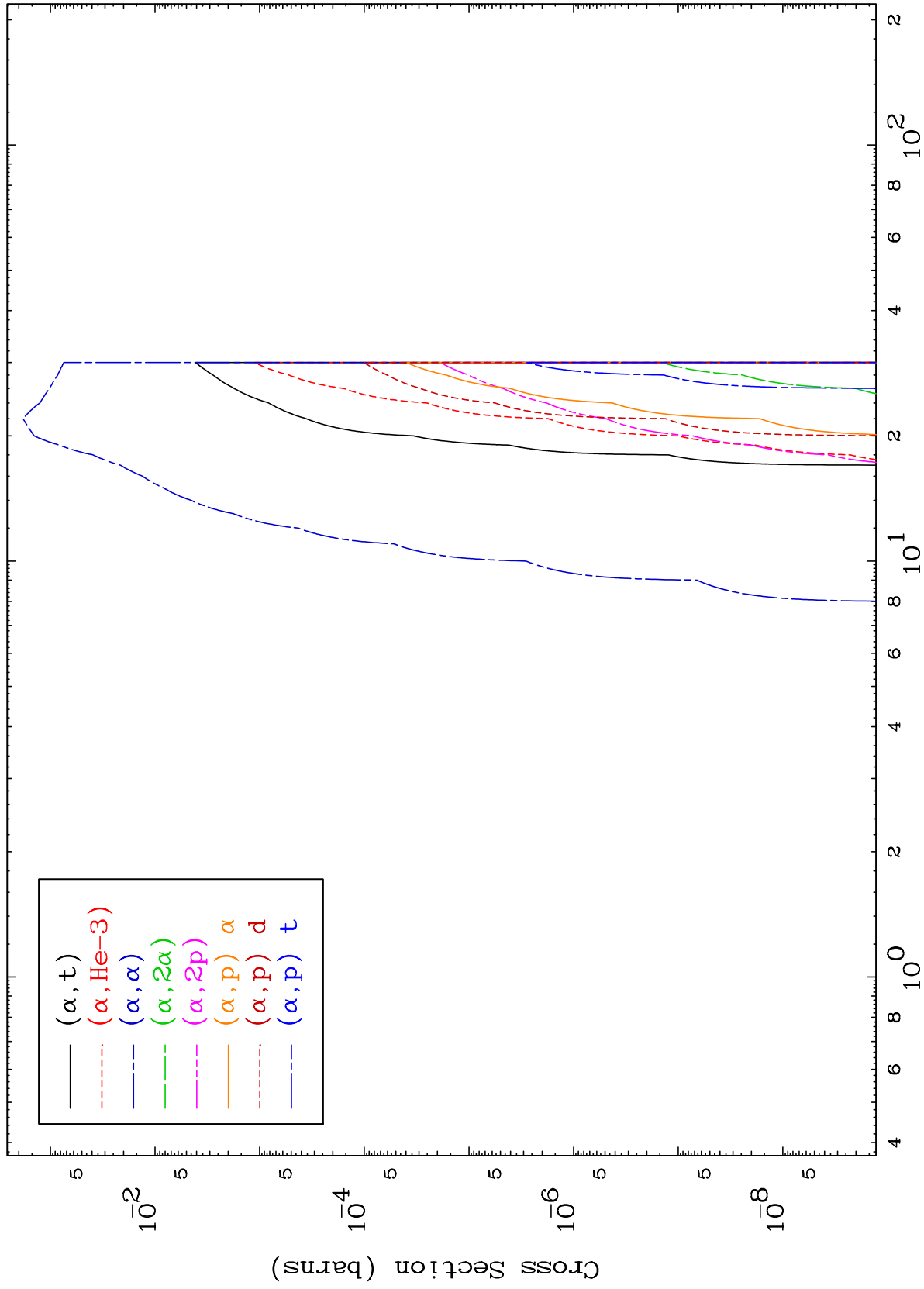


38-Sr-87

Incident Energy (MeV)

2

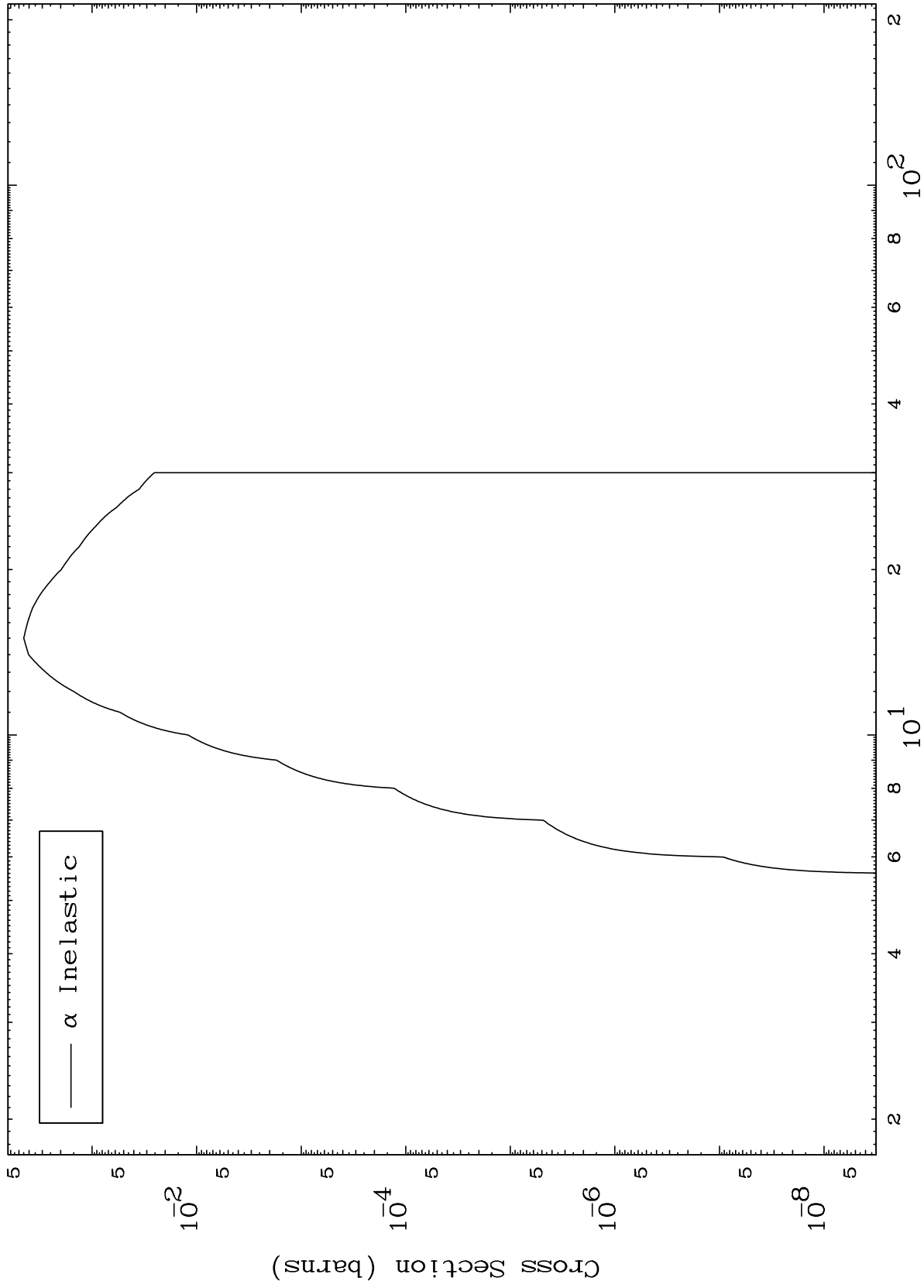




MAT 3834

(α, n') Level
0 Kelvin Cross Sections

38-Sr-87



5

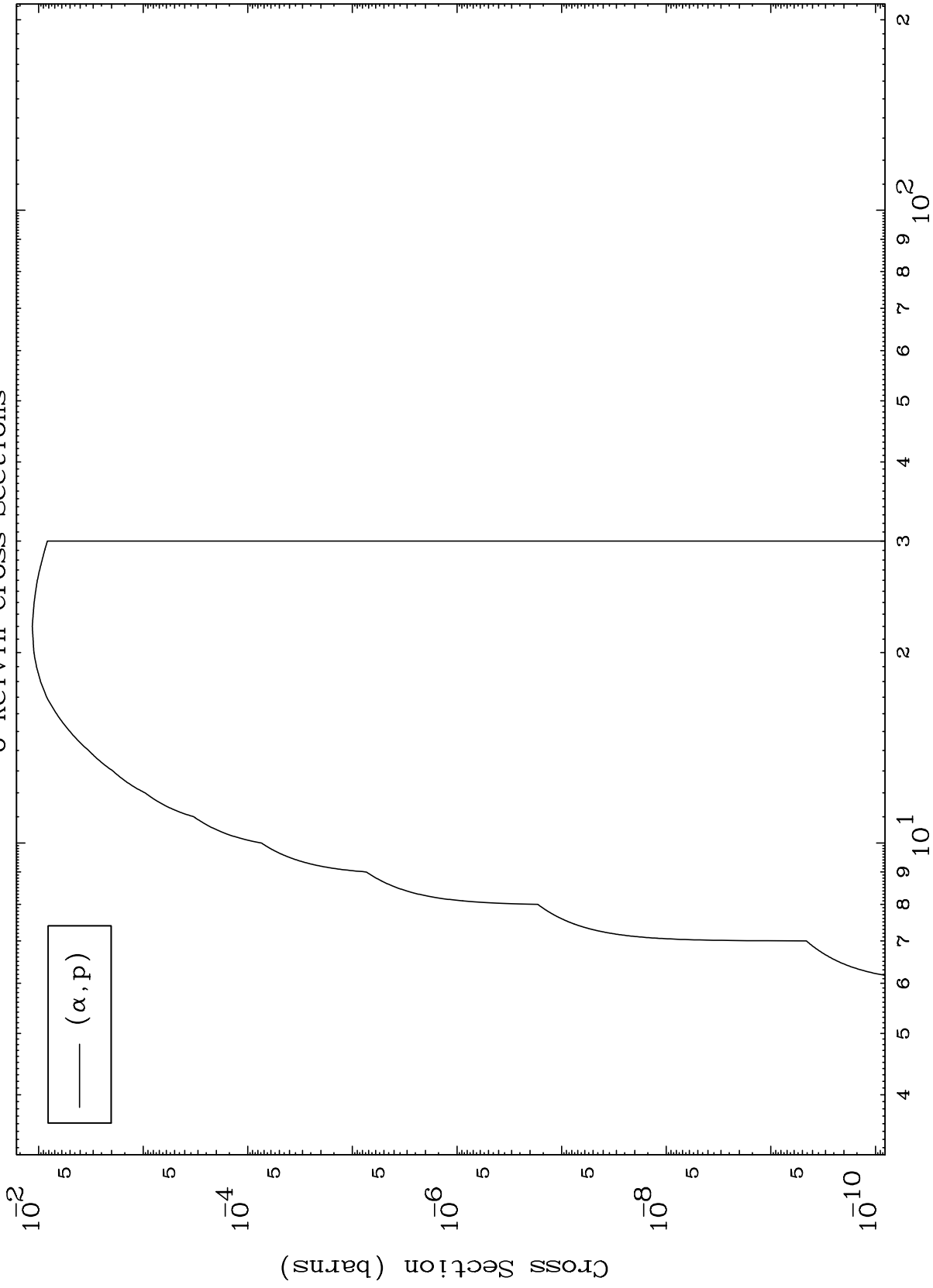
Incident Energy (MeV)

38-Sr-87

MAT 3834

38-Sr-87

(α, p) Levels
0 Kelvin Cross Sections



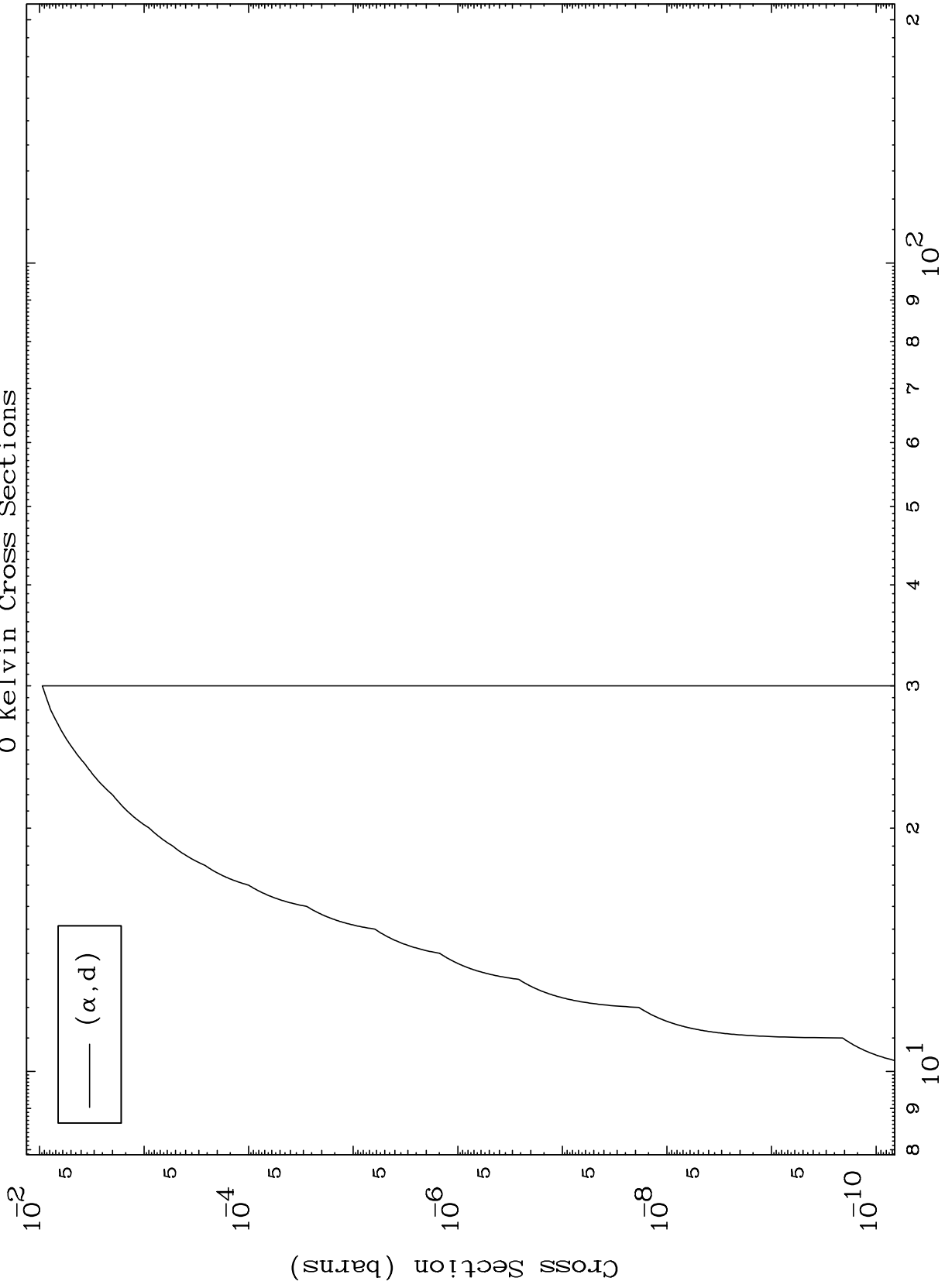
6

38-Sr-87

MAT 3834

(α, d) Levels
0 Kelvin Cross Sections

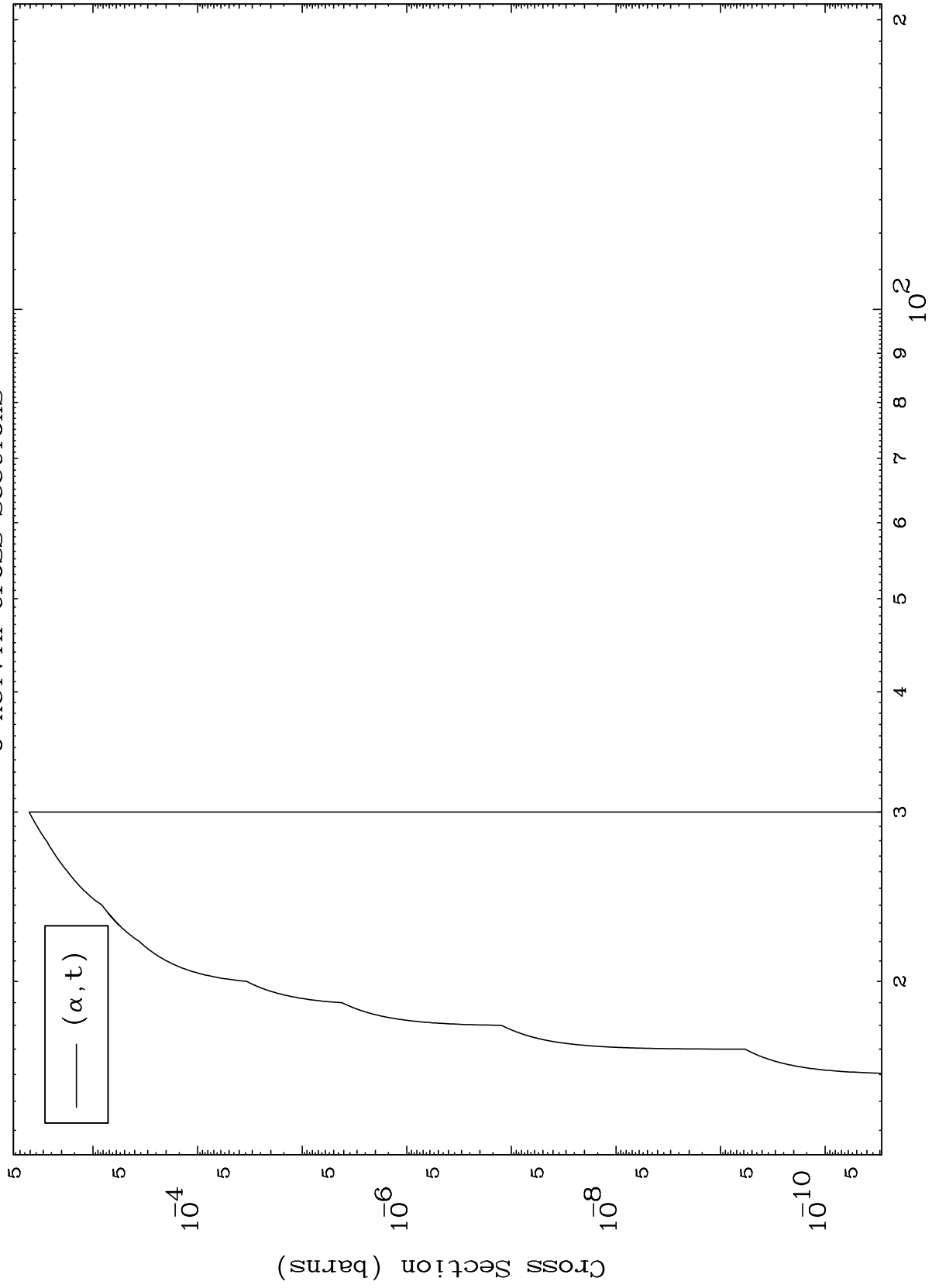
38-Sr-87



7

Incident Energy (MeV)

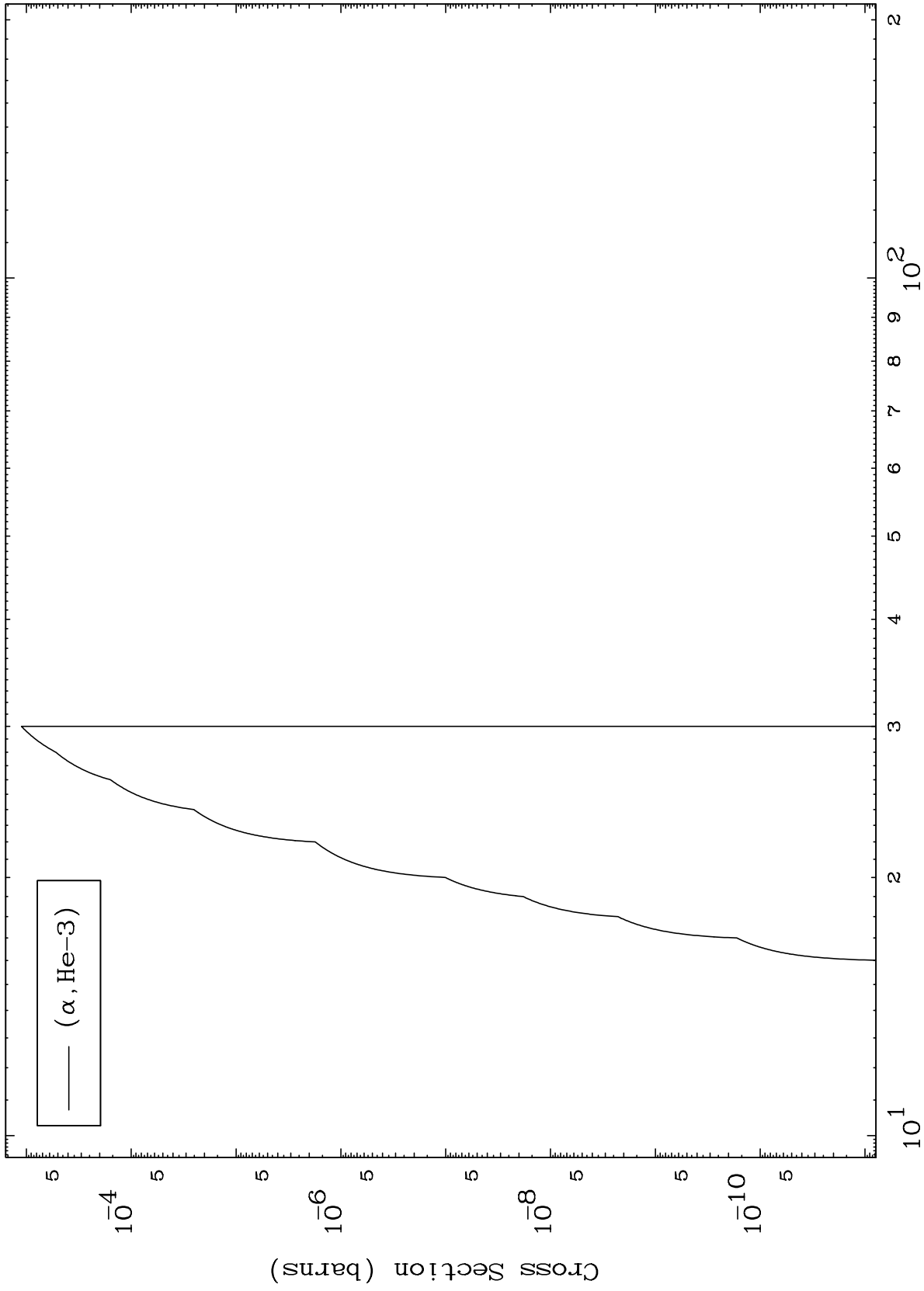
38-Sr-87



MAT 3834

($\alpha, \text{He}3$) Levels
0 Kelvin Cross Sections

38-Sr-87



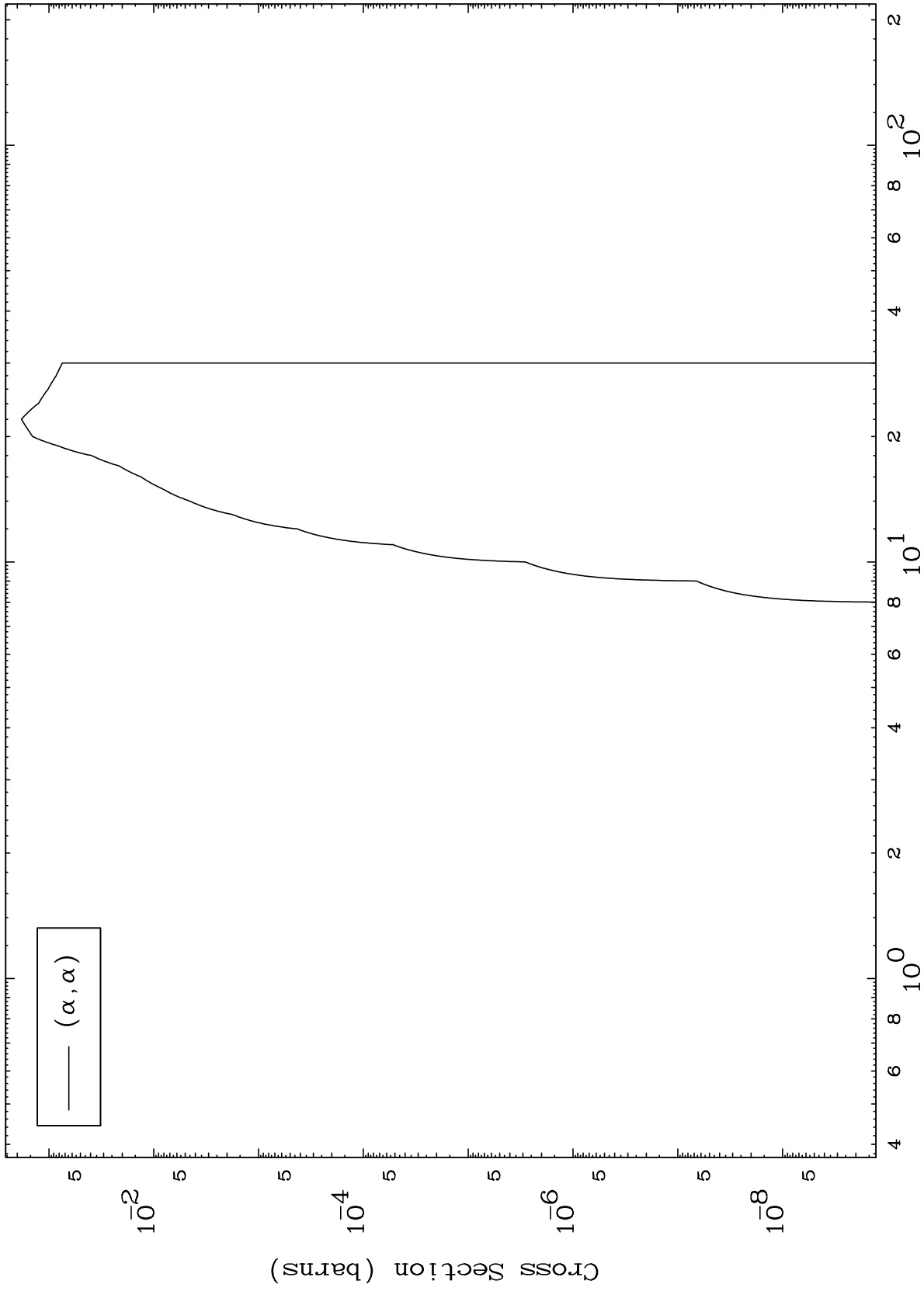
Incident Energy (MeV)

38-Sr-87

MAT 3834

(α, α) Levels
0 Kelvin Cross Sections

38-Sr-87



10

Incident Energy (MeV)

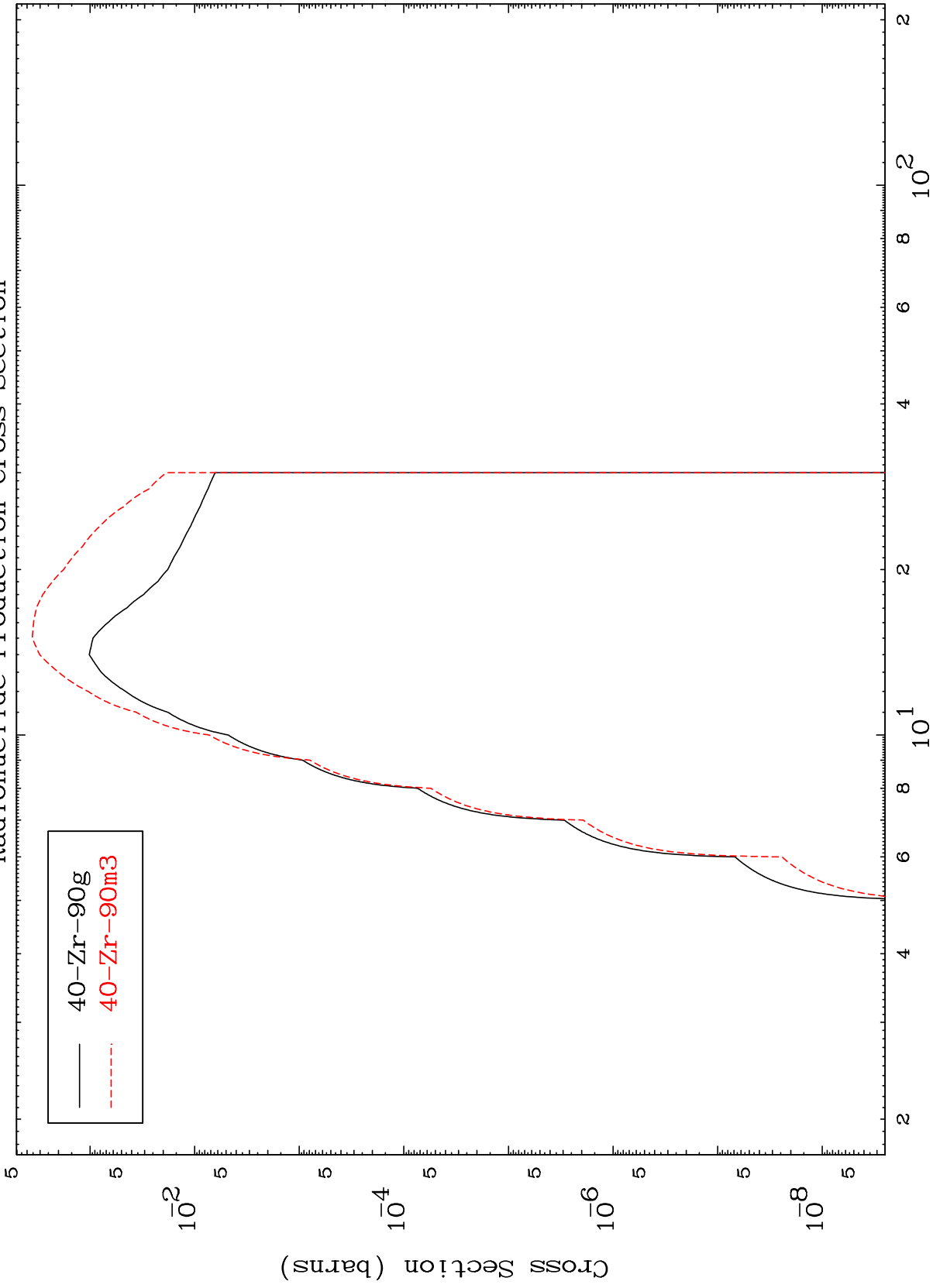
38-Sr-87

MAT 3834

38-Sr-87

Radionuclide Production Cross Section

α Inelastic



40-Zr-90g
40-Zr-90m3

11

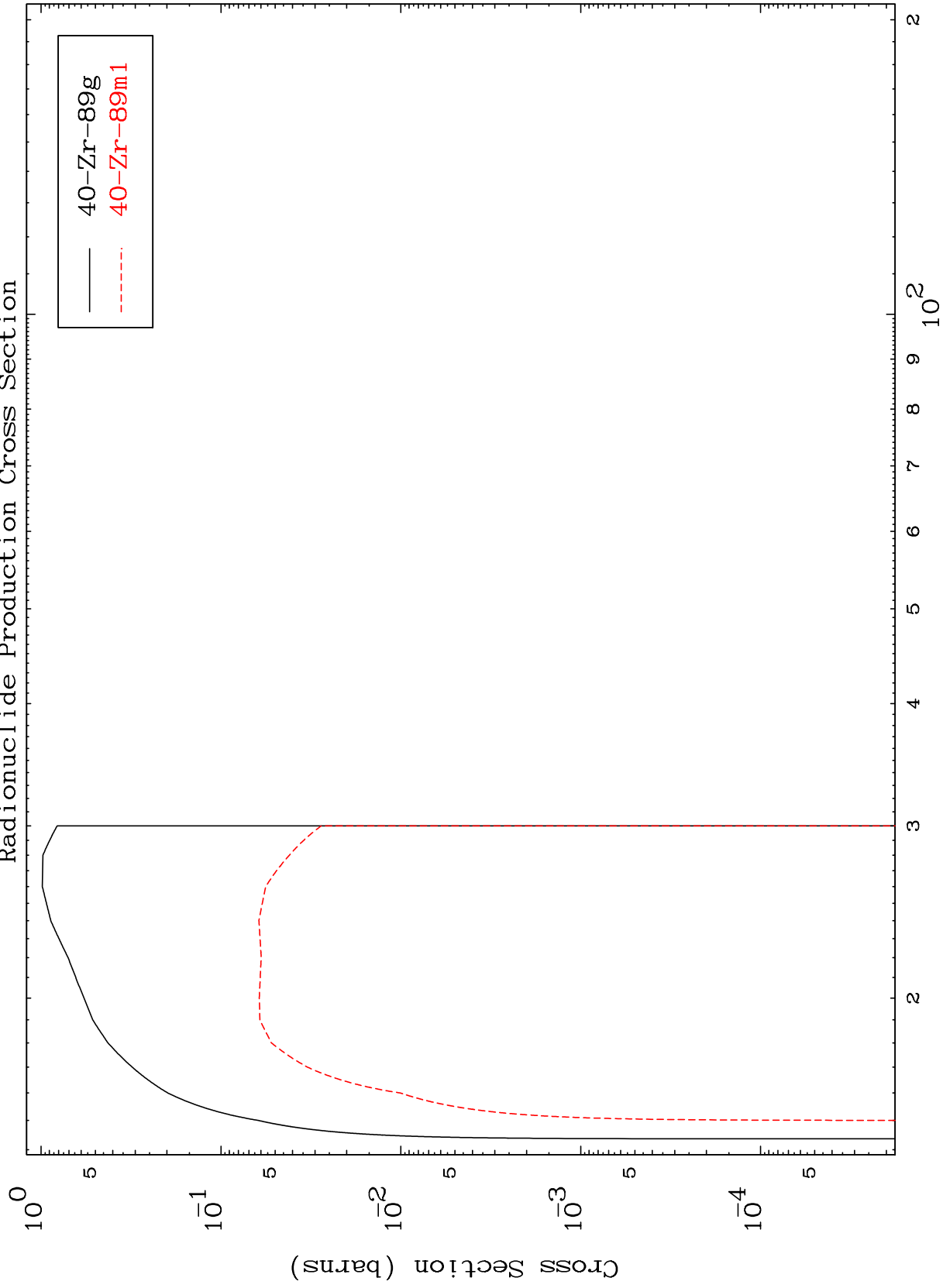
Incident Energy (MeV)

38-Sr-87

MAT 3834

38-Sr-87

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



12

Incident Energy (MeV)

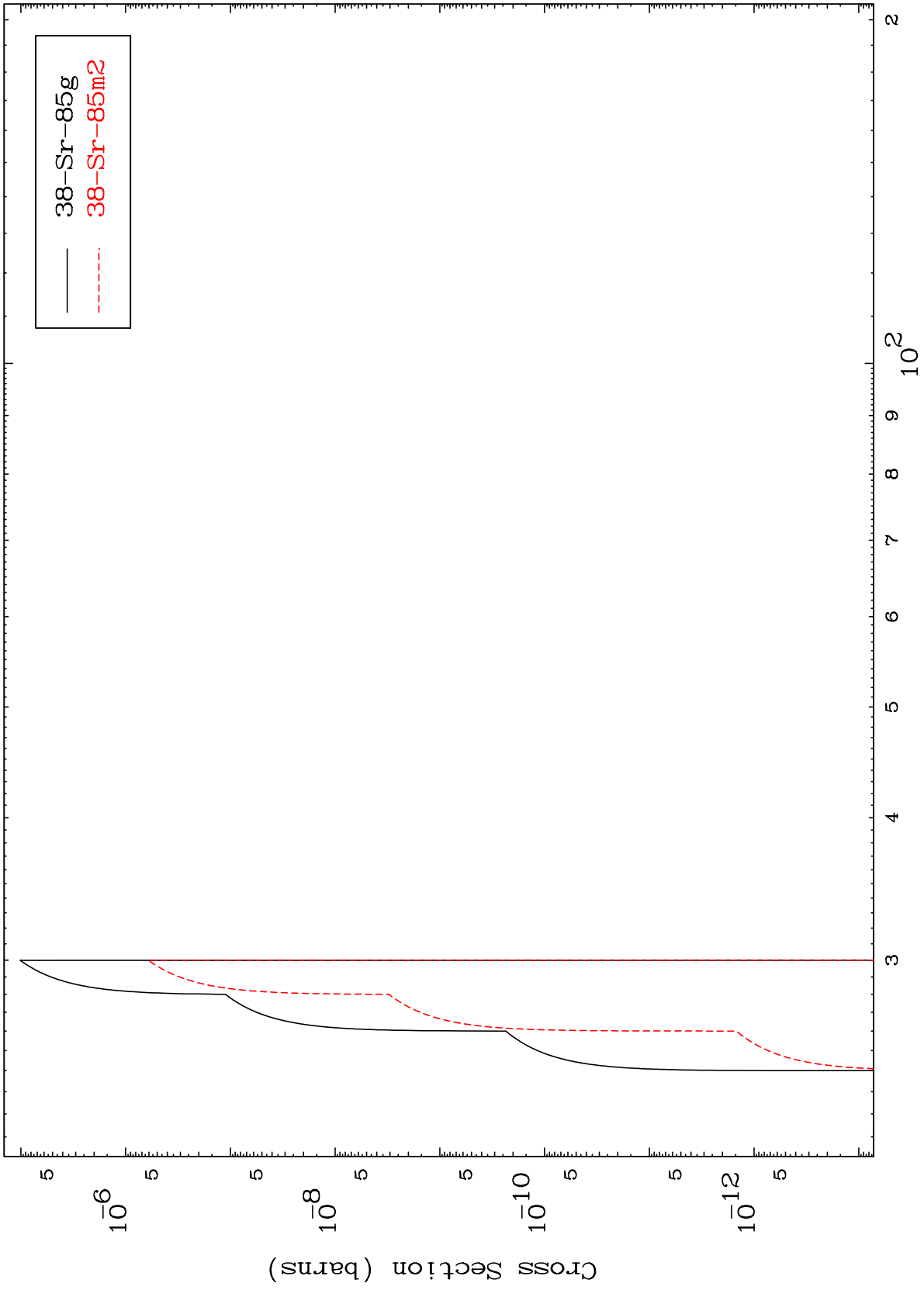
38-Sr-87

MAT 3834

($\alpha, 2n$) α

38-Sr-87

Radionuclide Production Cross Section



13

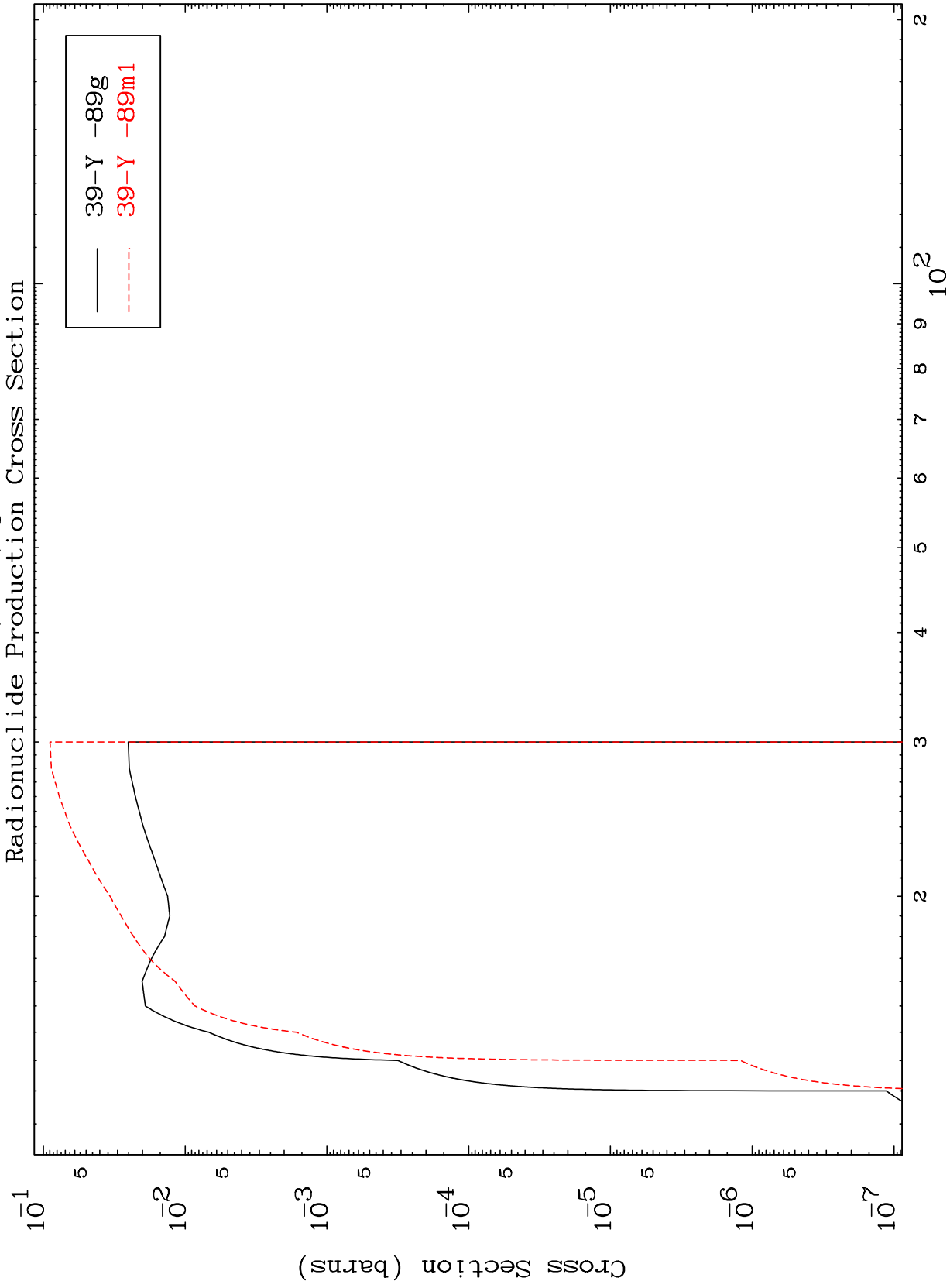
Incident Energy (MeV)

38-Sr-87

MAT 3834

(α, n') p

38-Sr-87



14

38-Sr-87

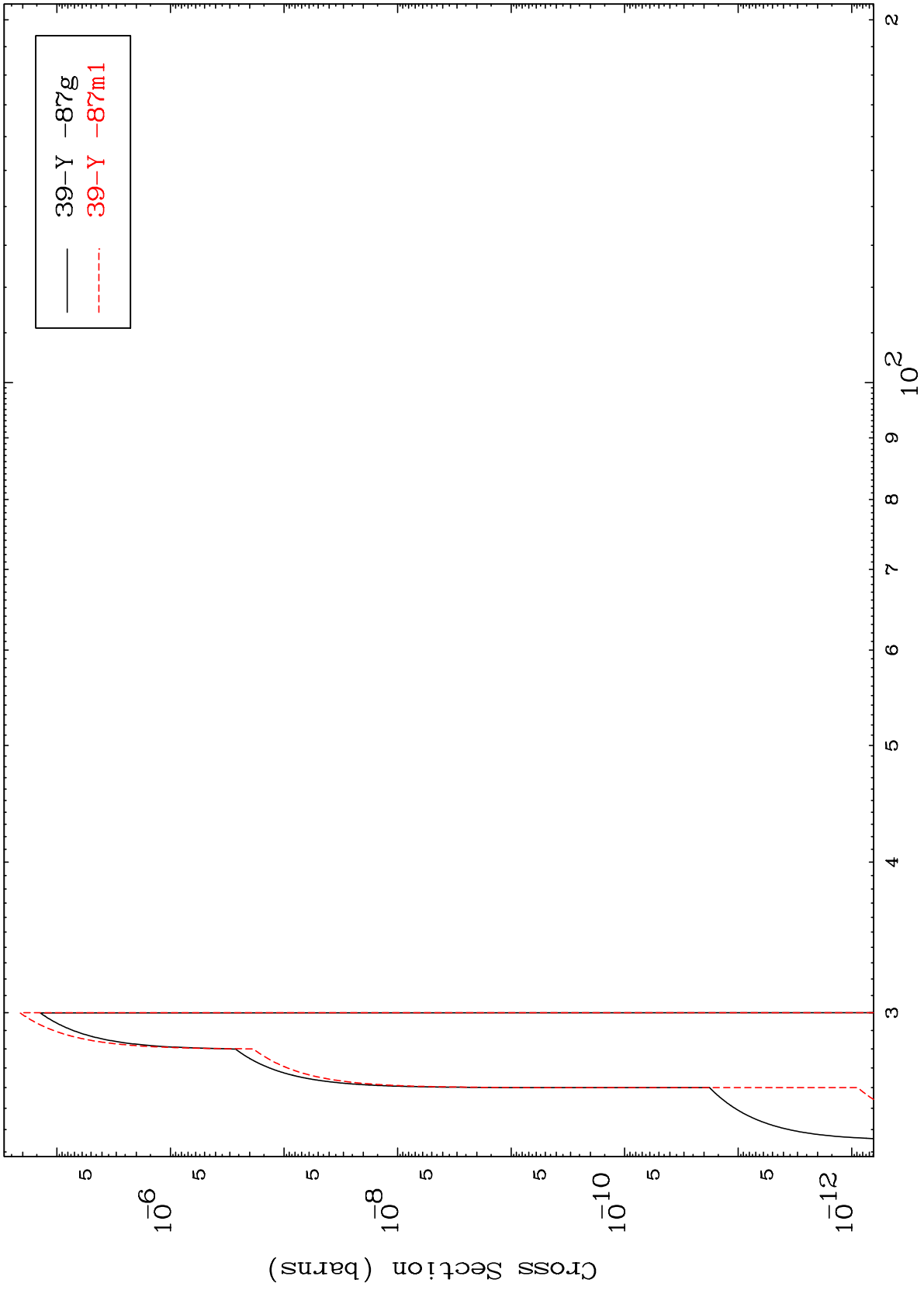
38-Sr-87

MAT 3834

(α, n') t

38-Sr-87

Radionuclide Production Cross Section

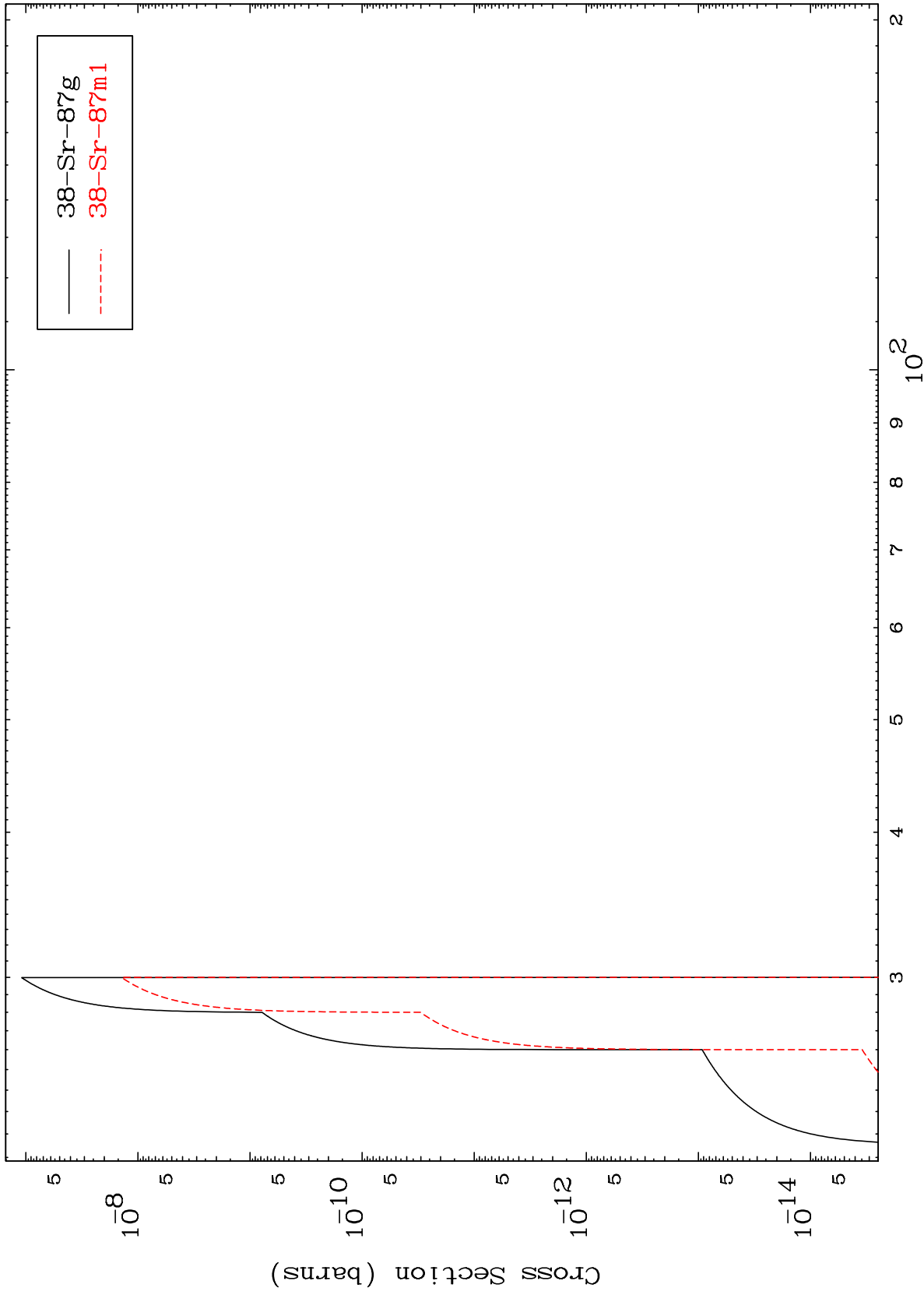


15

Incident Energy (MeV)

38-Sr-87

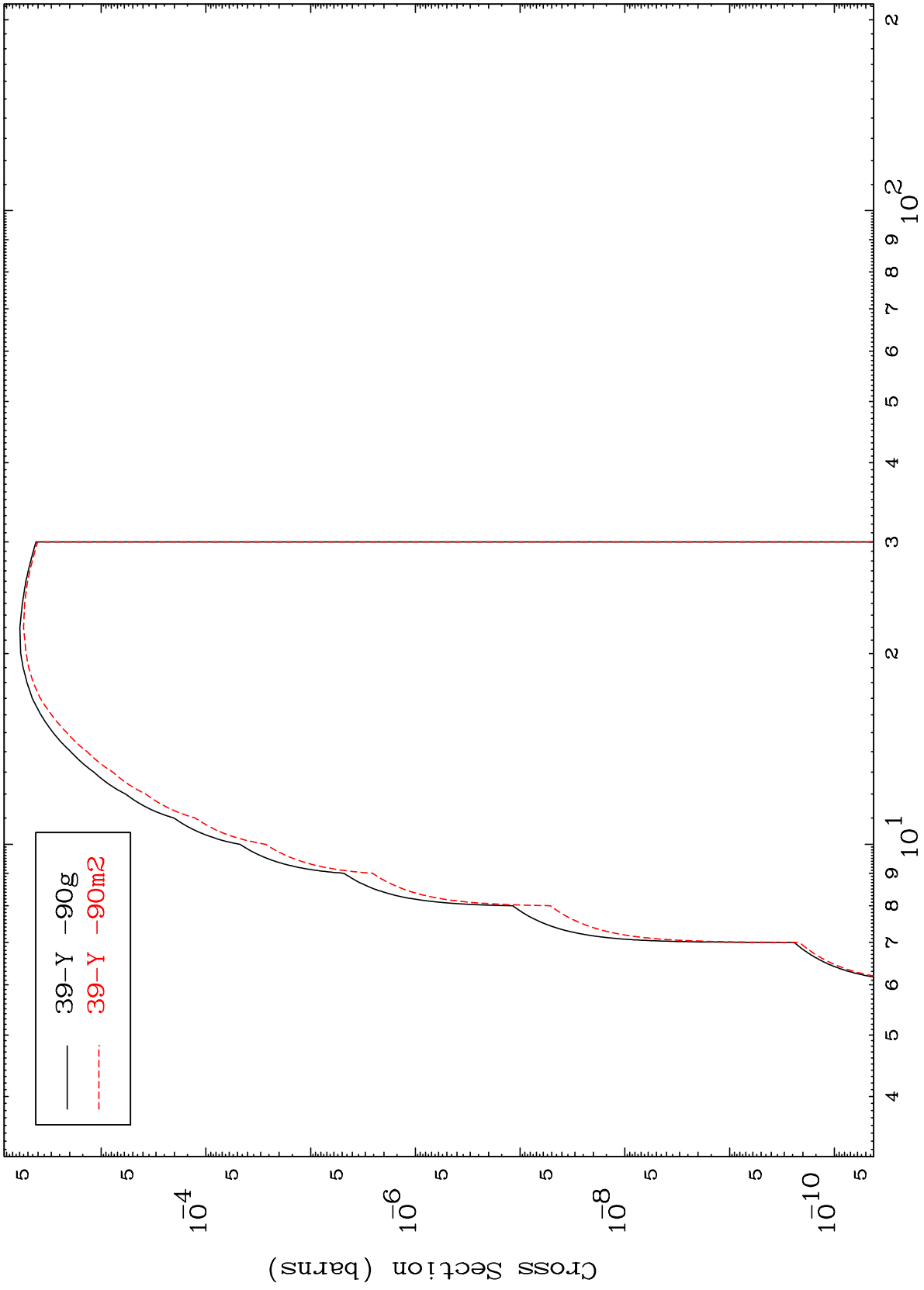
Radionuclide Production Cross Section



MAT 3834

38-Sr-87

Radionuclide Production Cross Section
(α, p)



17

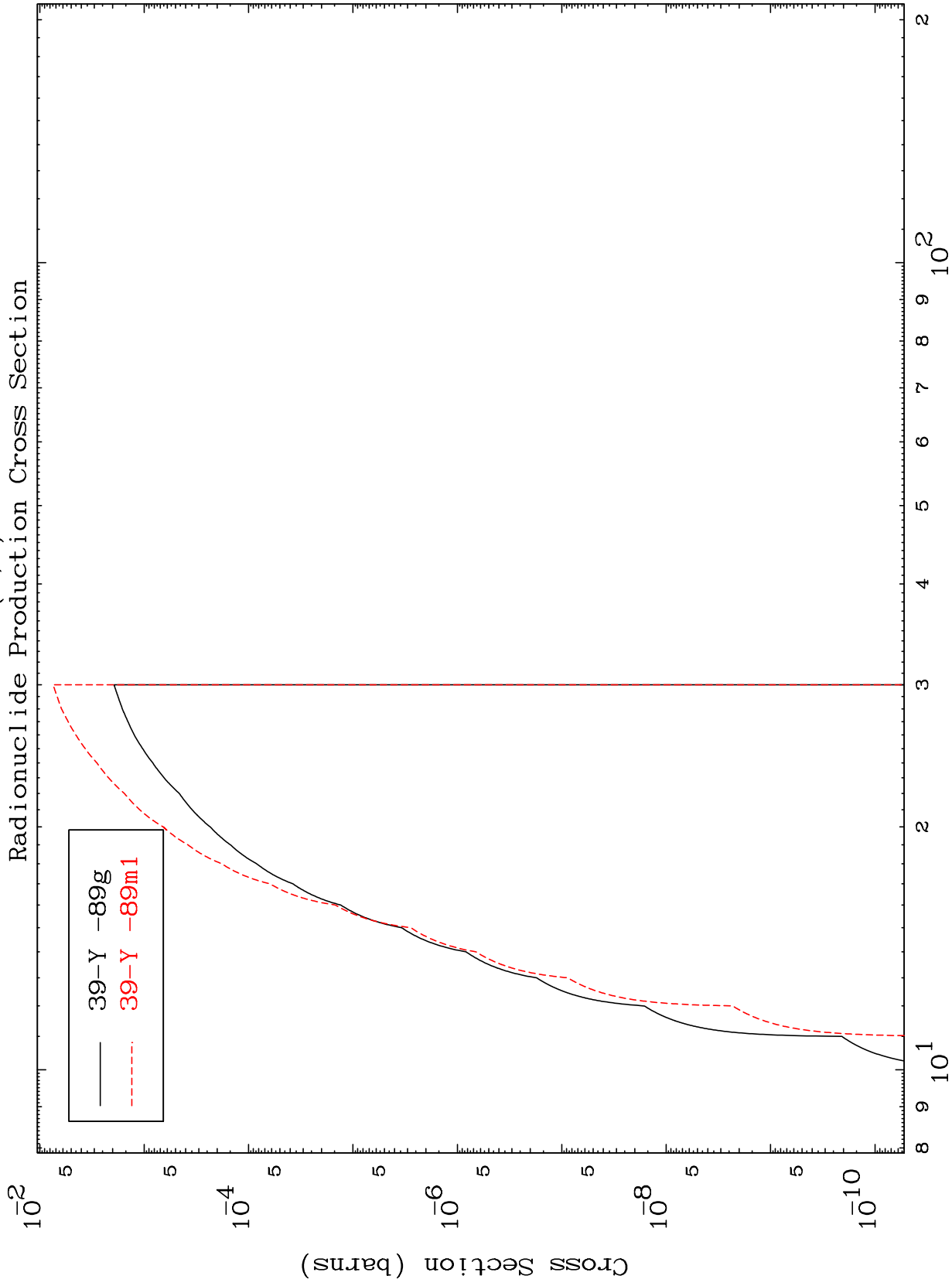
Incident Energy (MeV)

38-Sr-87

MAT 3834

(α, d)

38-Sr-87



18

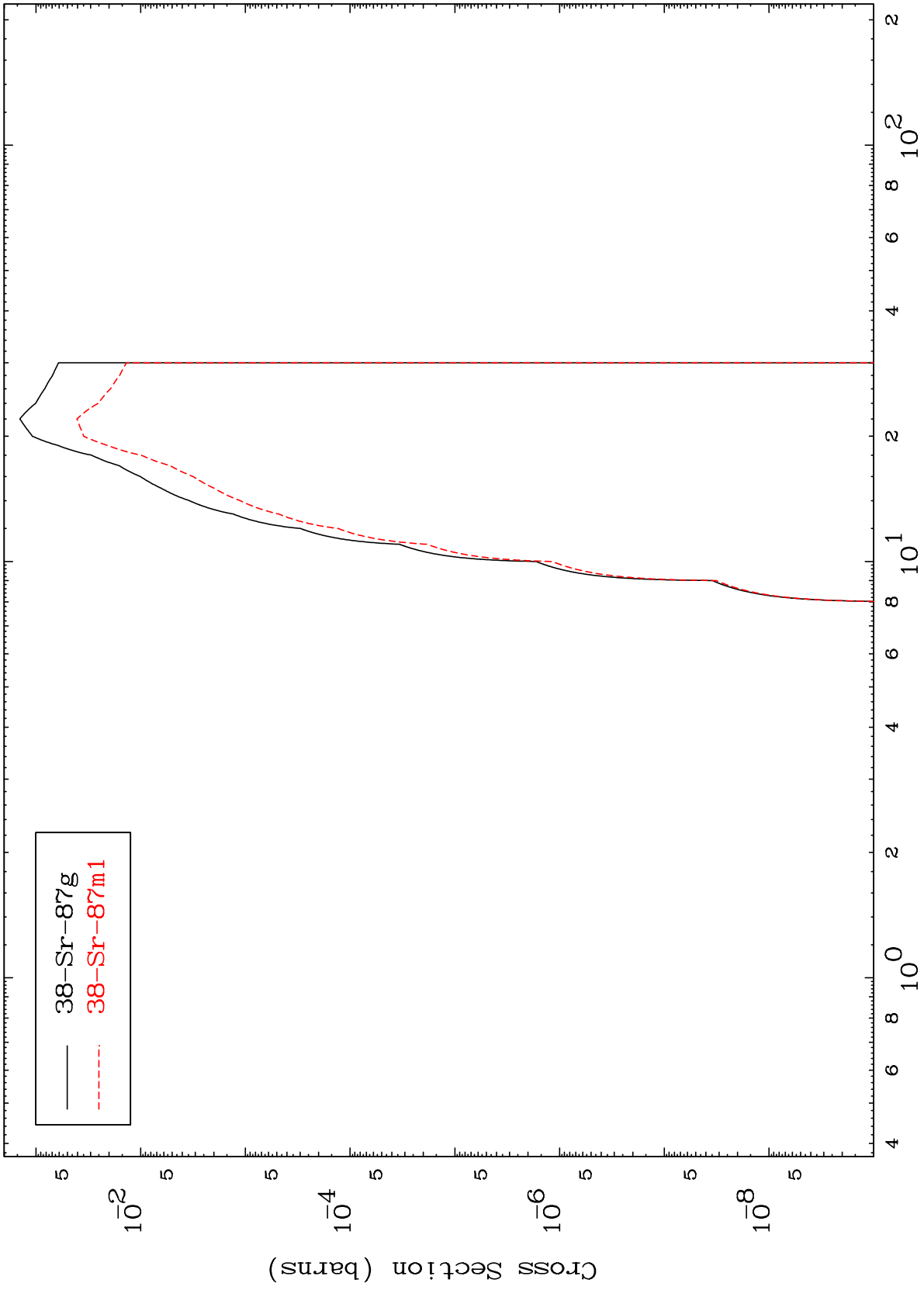
38-Sr-87

MAT 3834

(α, α)

38-Sr-87

Radionuclide Production Cross Section



19

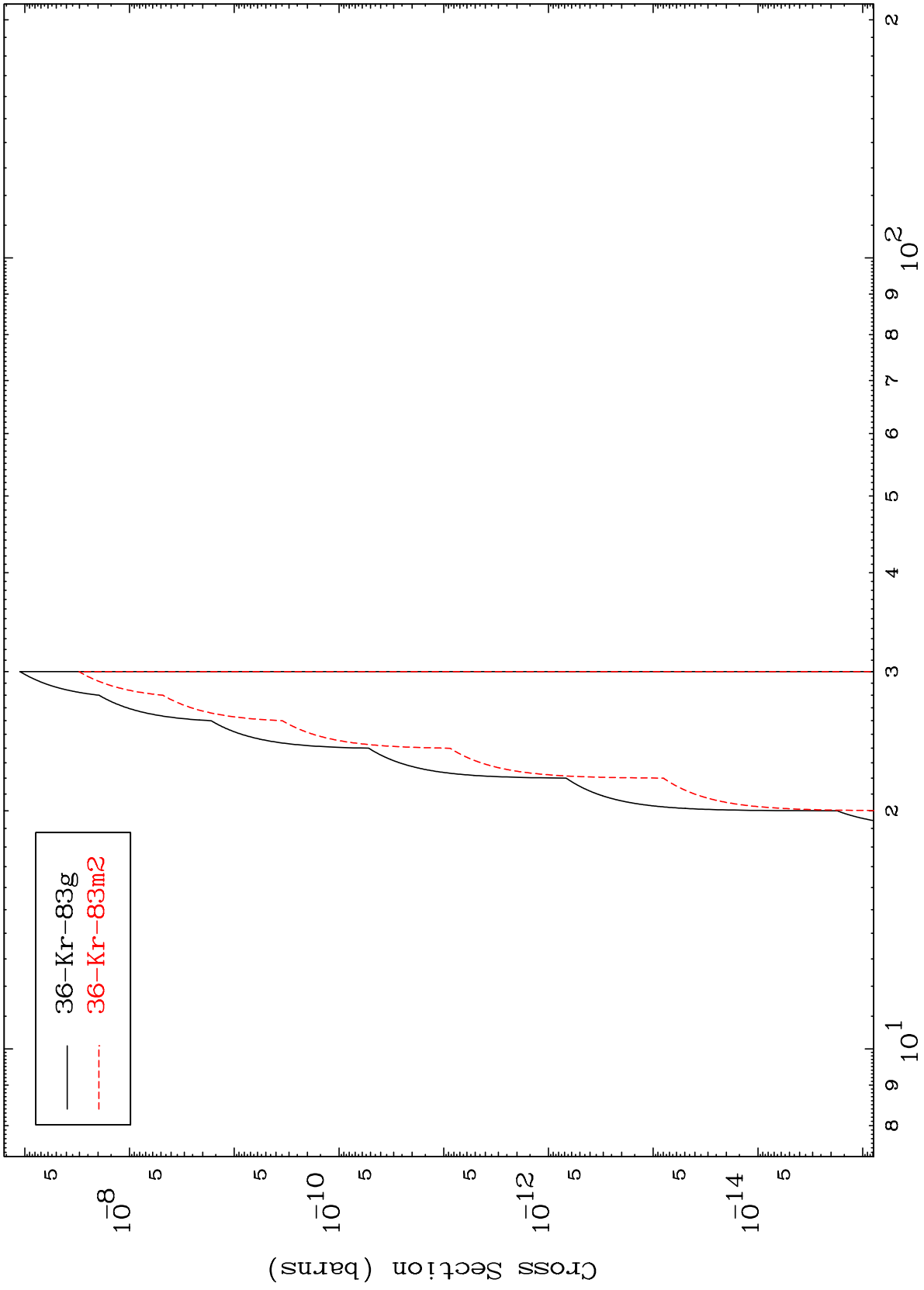
Incident Energy (MeV)

38-Sr-87

MAT 3834

38-Sr-87

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



20

Incident Energy (MeV)

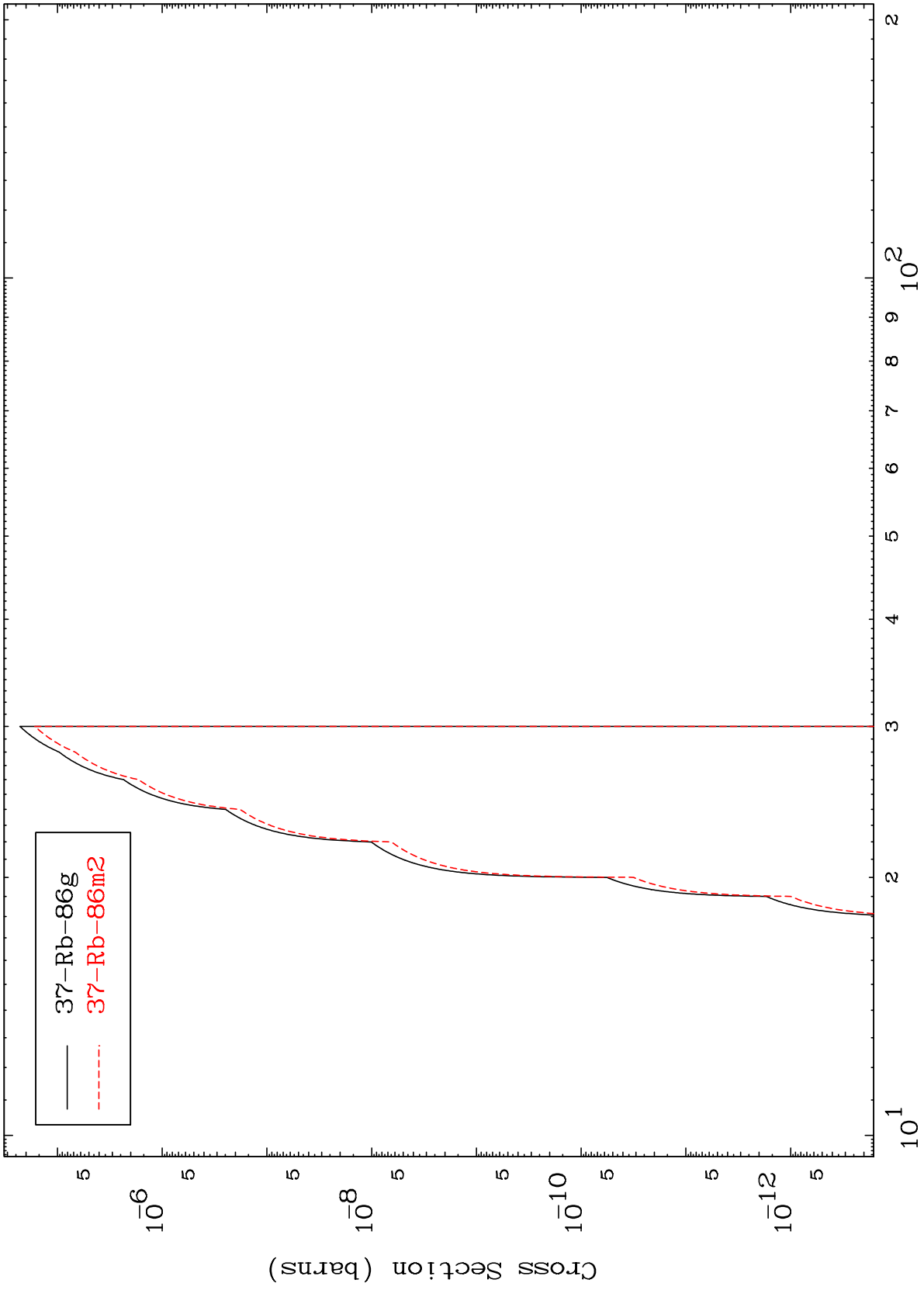
38-Sr-87

MAT 3834

(α, p) α

38-Sr-87

Radionuclide Production Cross Section



21

Incident Energy (MeV)

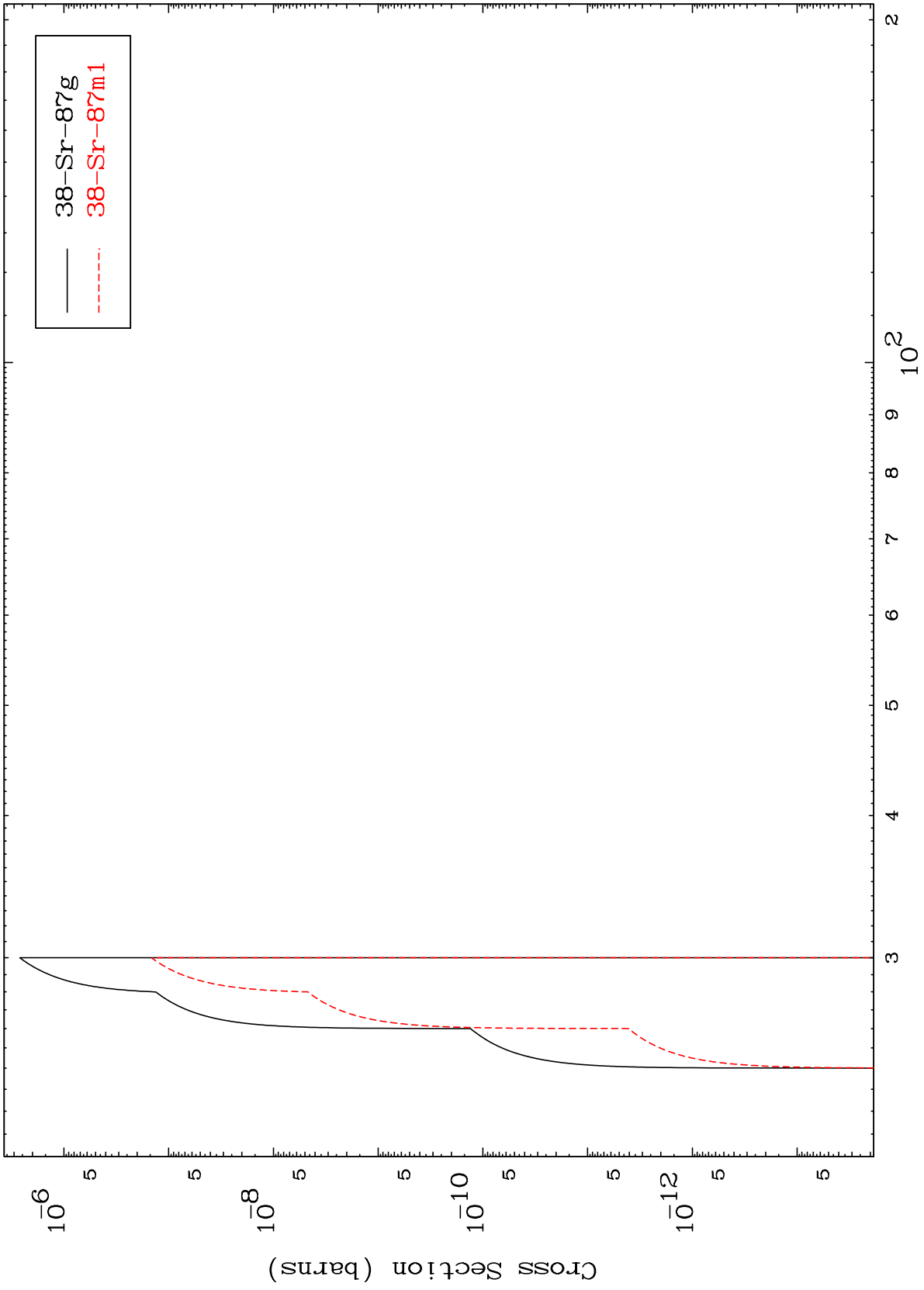
38-Sr-87

MAT 3834

(α, p) t

38-Sr-87

Radionuclide Production Cross Section



22

Incident Energy (MeV)

38-Sr-87