

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

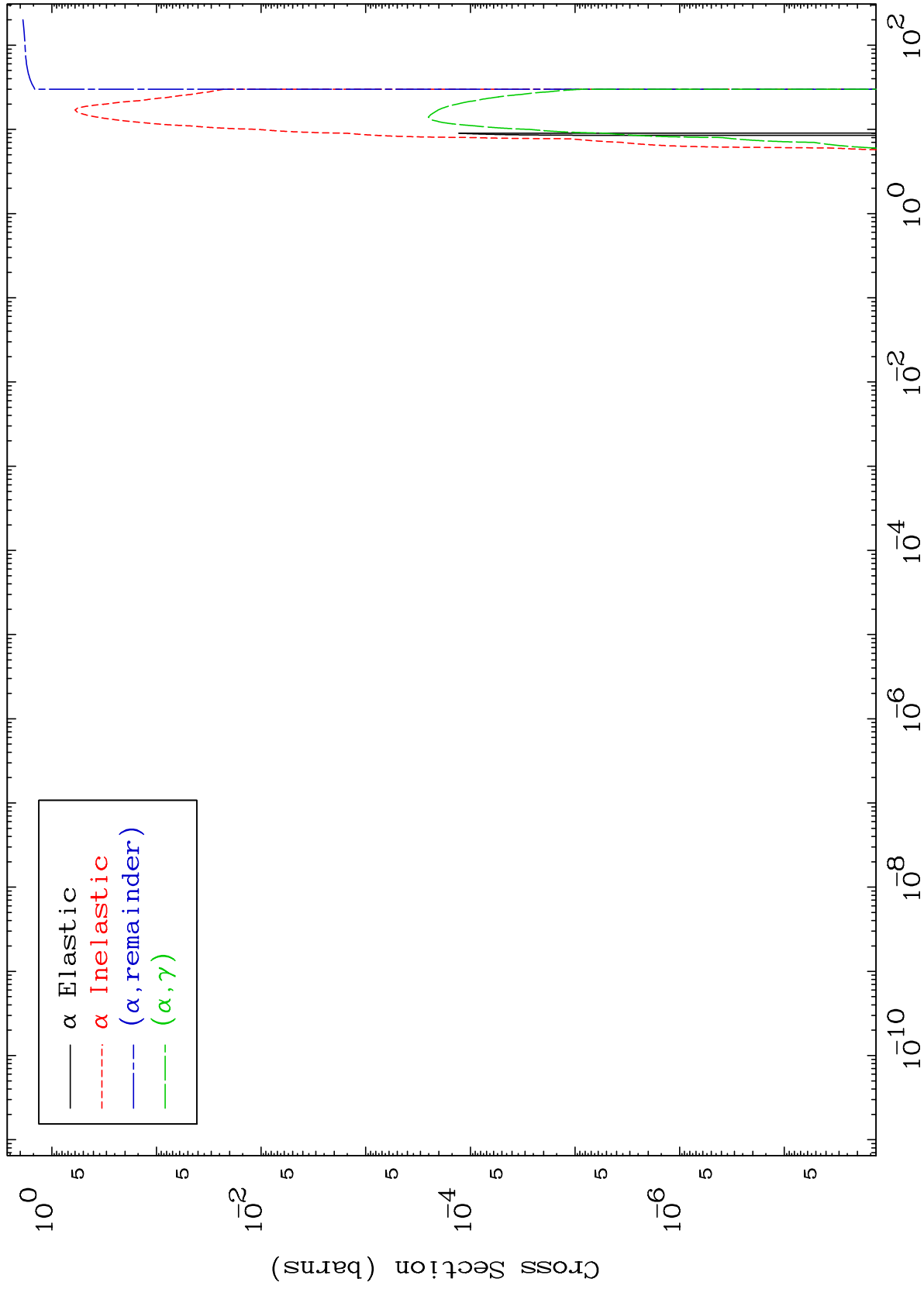
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3831

0 Kelvin α Major
Cross Sections

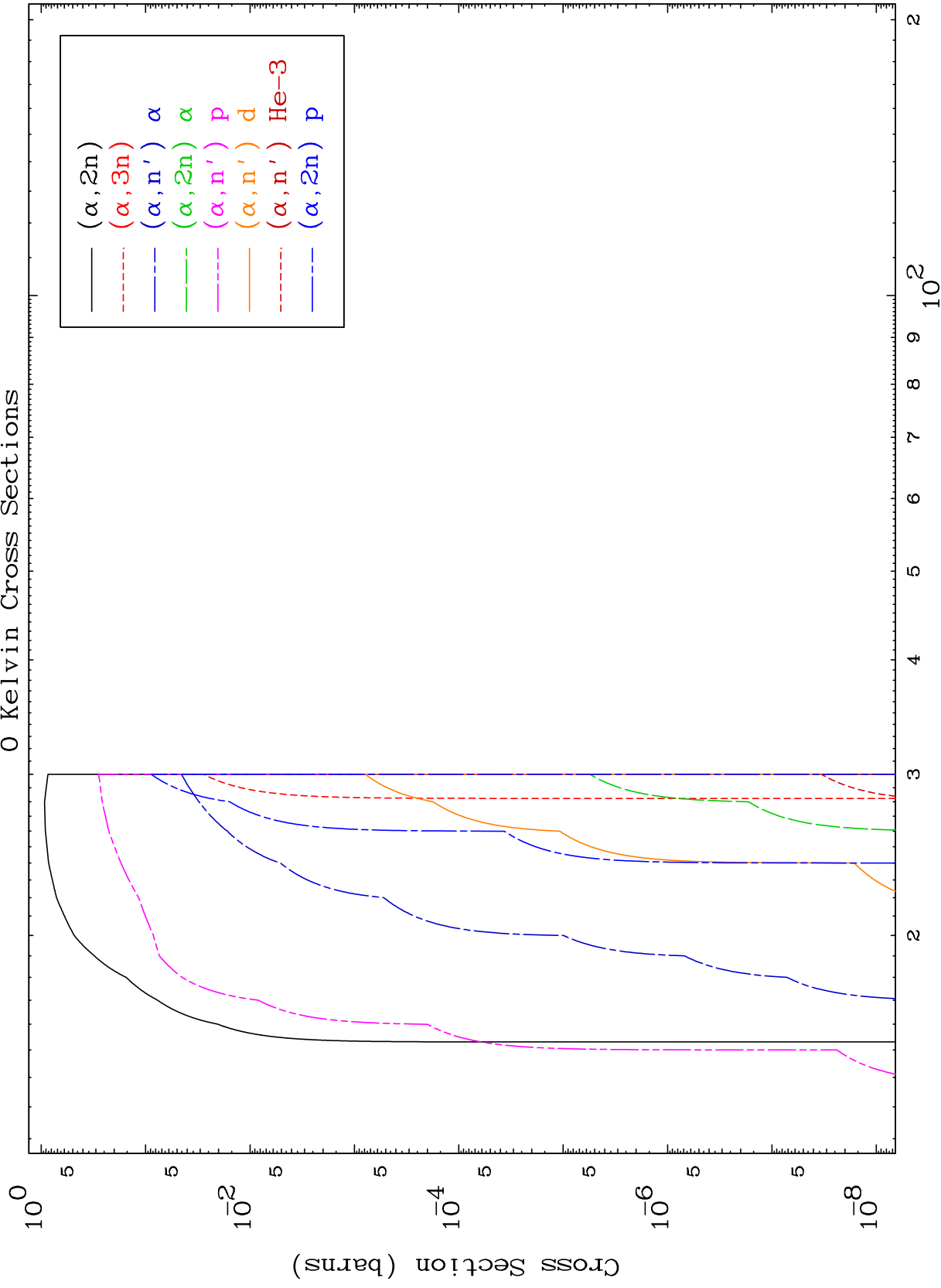
38-Sr-86



MAT 3831

α Neutron Production
0 Kelvin Cross Sections

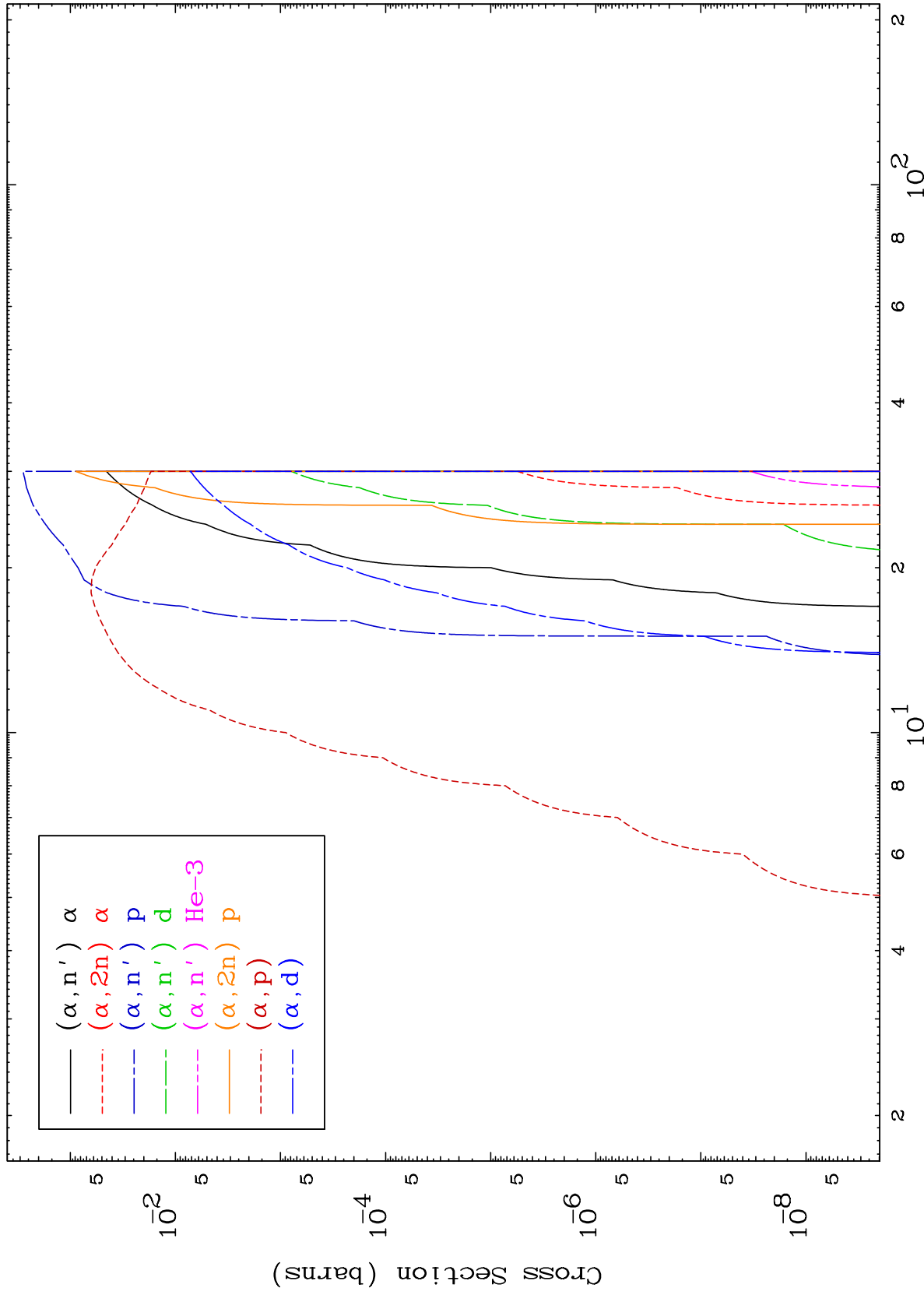
38-Sr-86

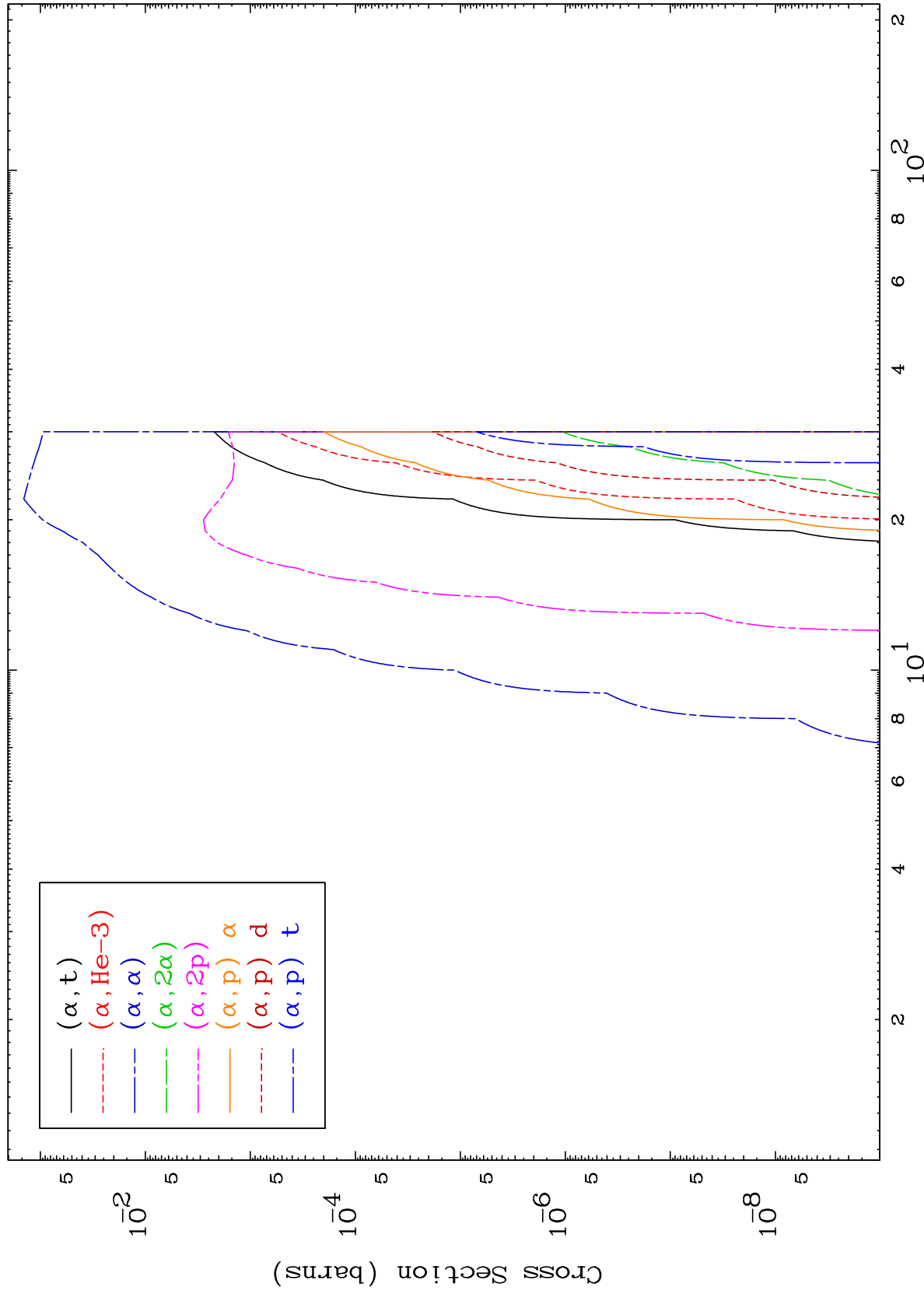


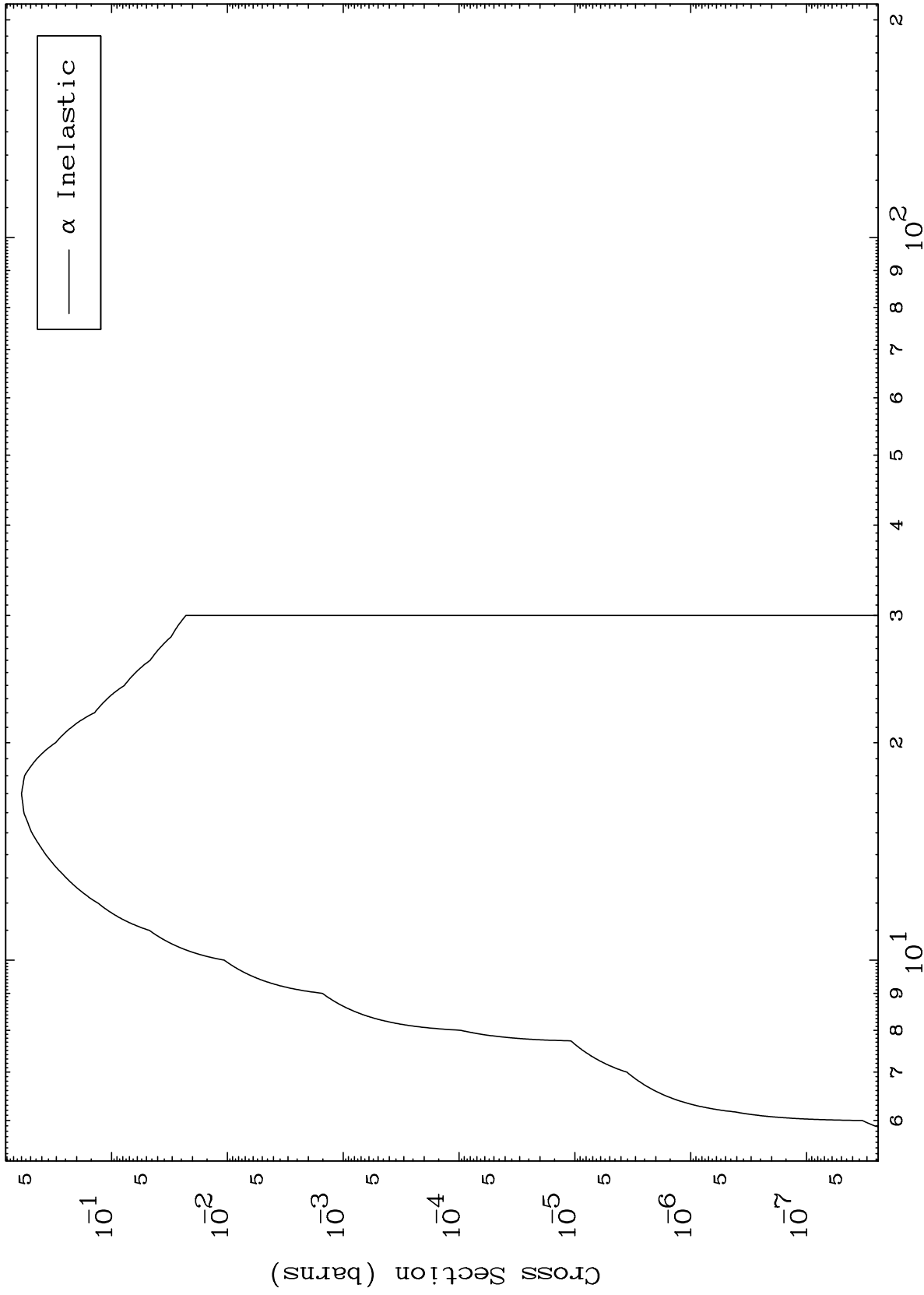
2

Incident Energy (MeV)

38-Sr-86

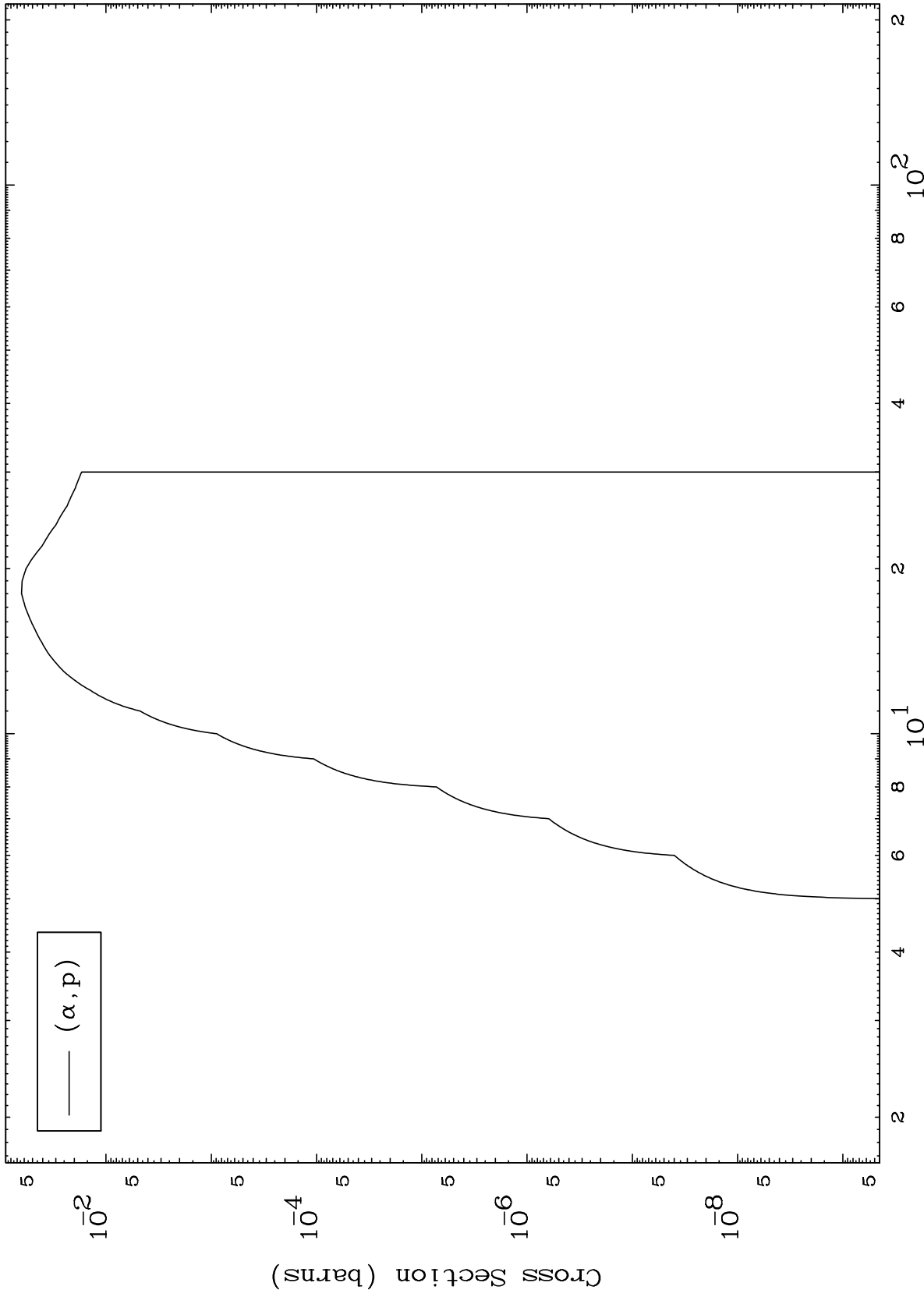






— α Inelastic

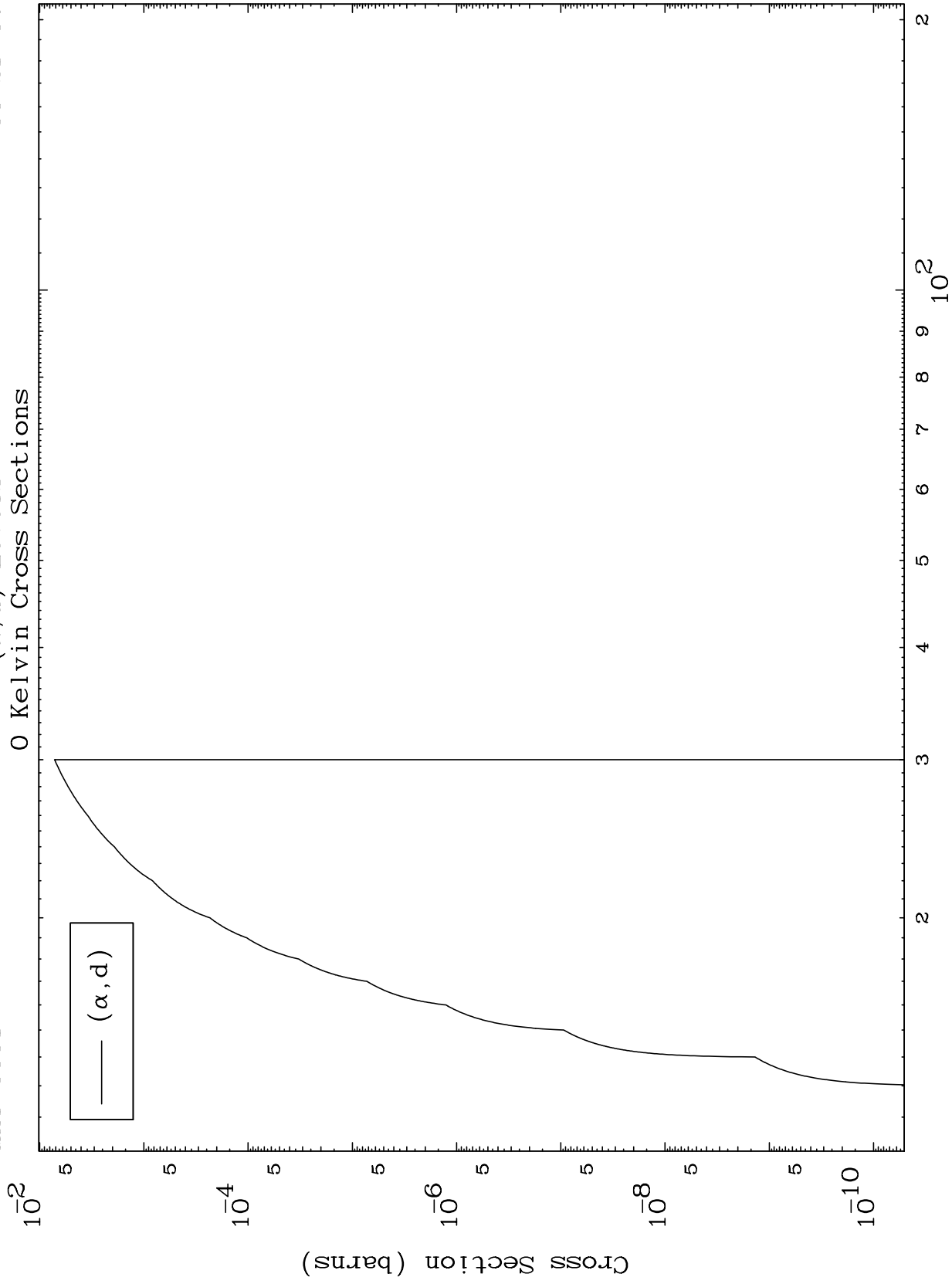
(α, p) Levels
0 Kelvin Cross Sections



MAT 3831

(α, d) Levels
0 Kelvin Cross Sections

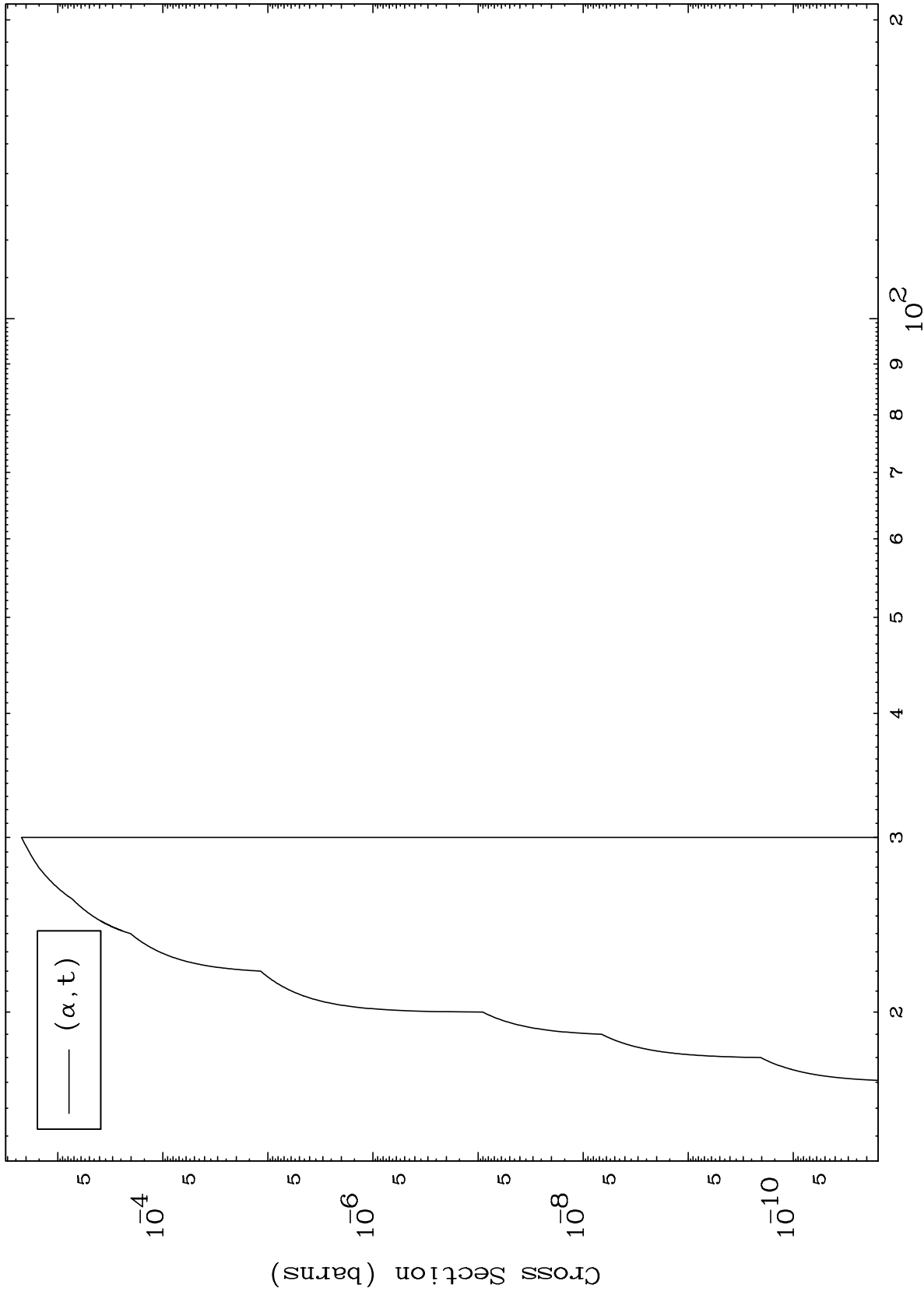
38-Sr-86

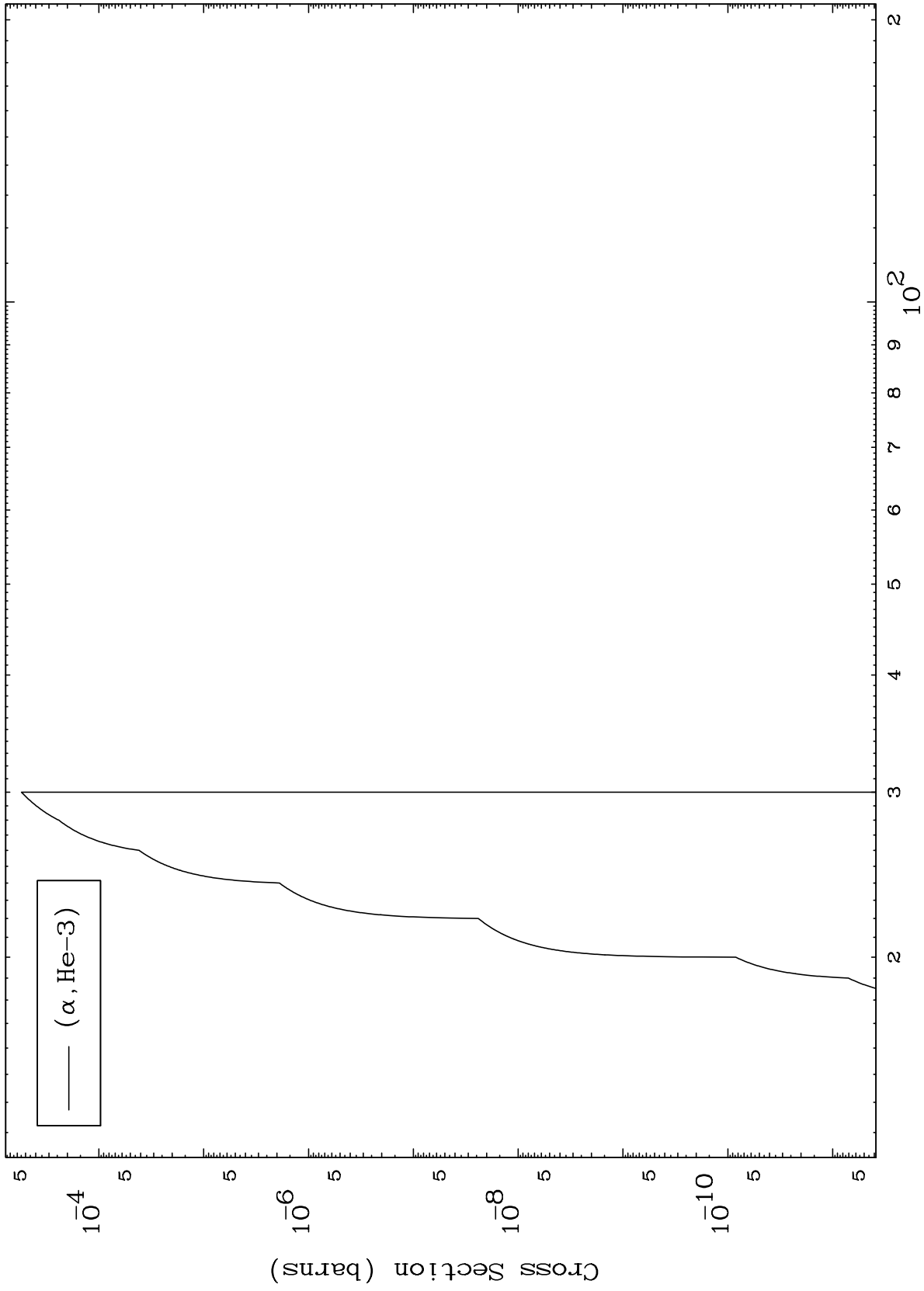


7

Incident Energy (MeV)

38-Sr-86

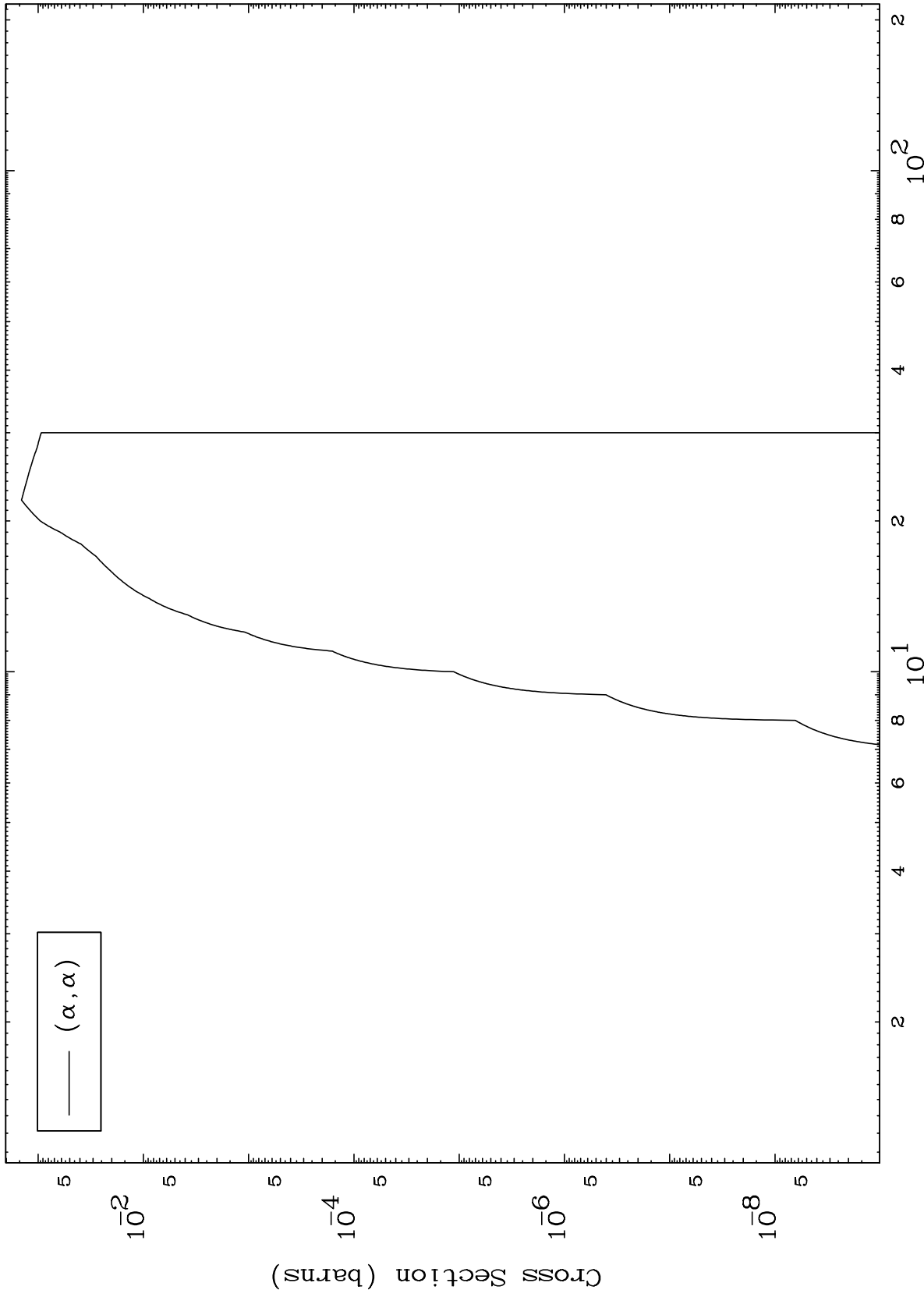




MAT 3831

38-Sr-86

(α, α) Levels
0 Kelvin Cross Sections



10

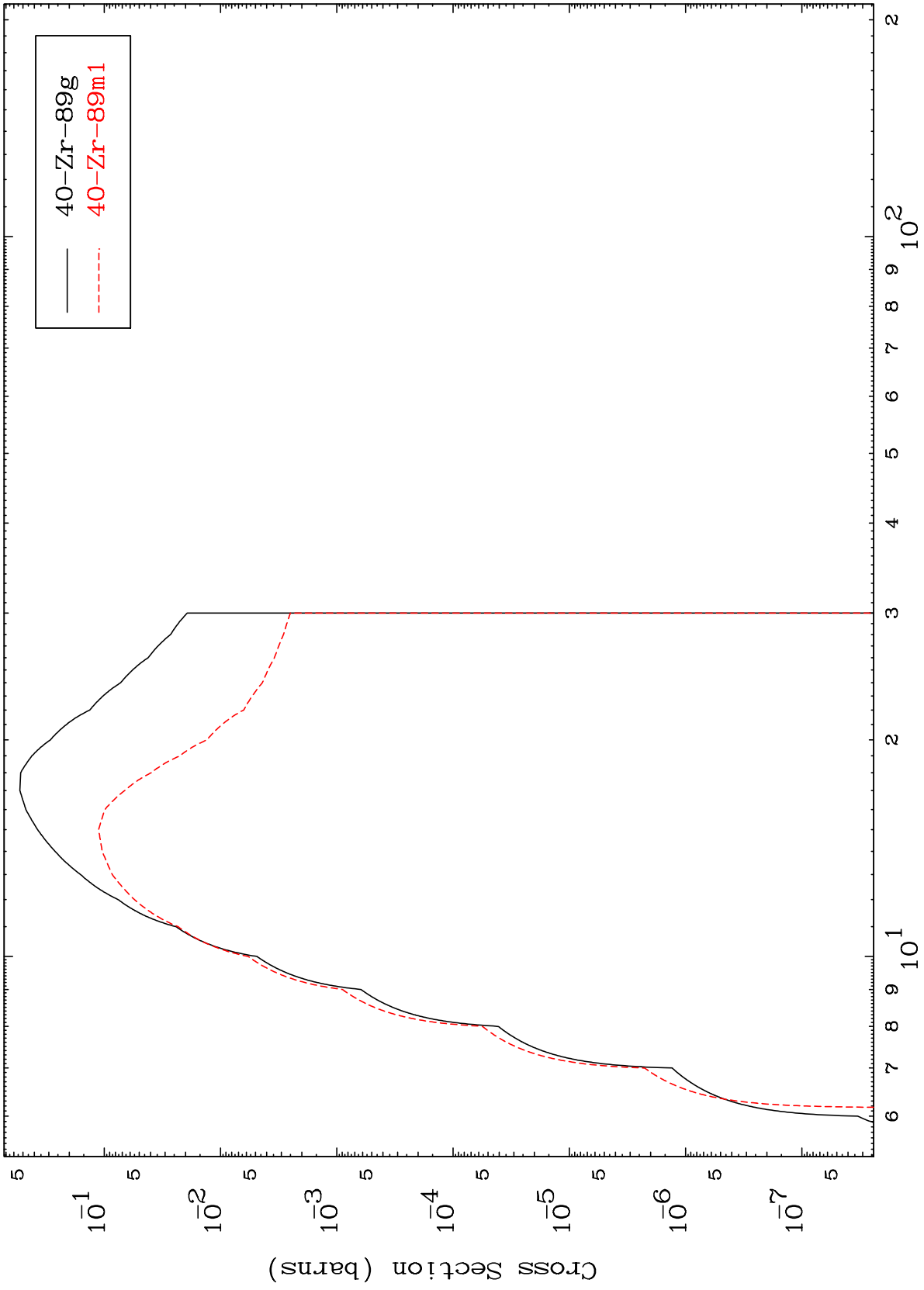
Incident Energy (MeV)

38-Sr-86

MAT 3831

38-Sr-86

α Inelastic
Radionuclide Production Cross Section



11

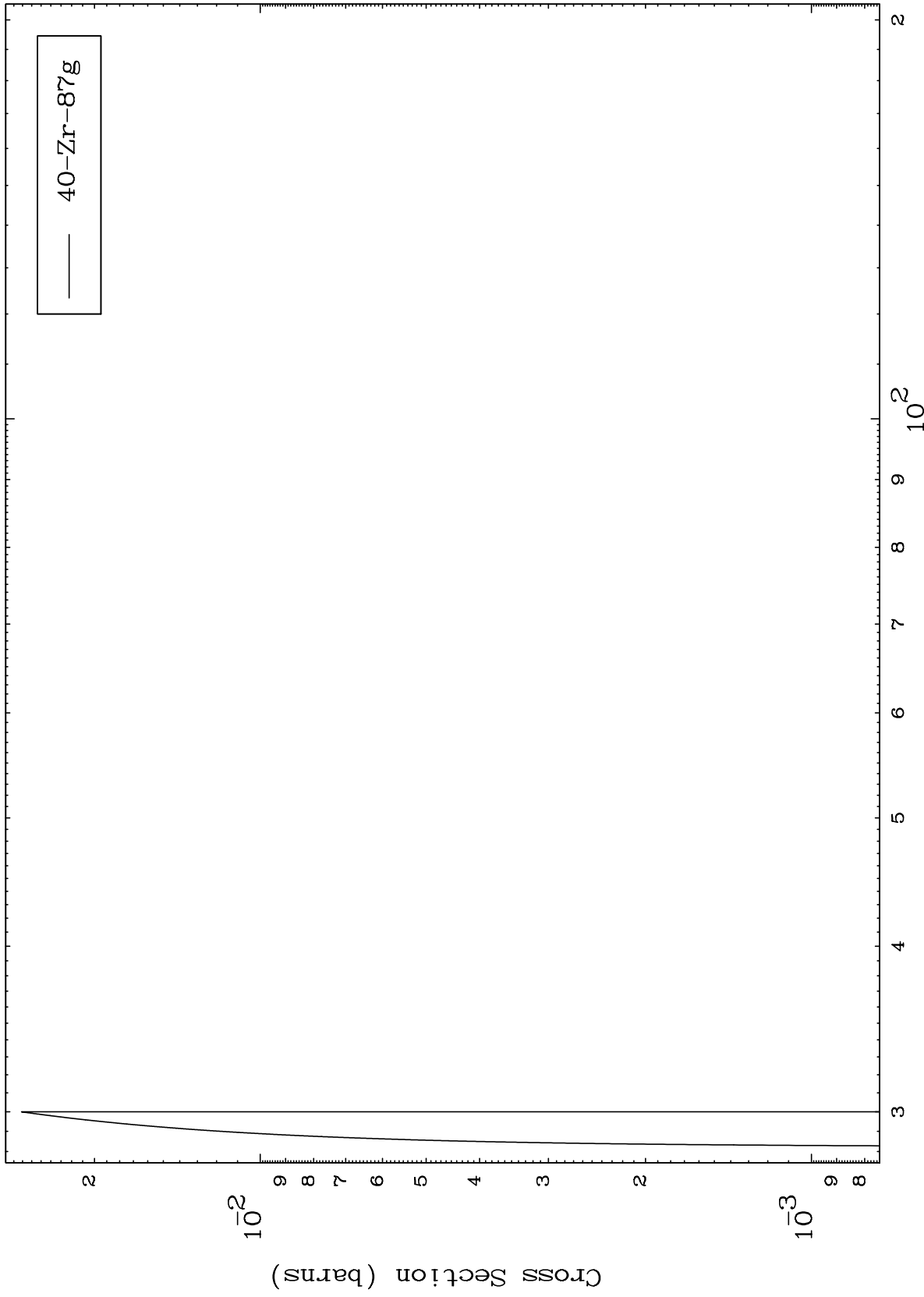
Incident Energy (MeV)

38-Sr-86

MAT 3831

38-Sr-86

($\alpha, 3n$)
Radionuclide Production Cross Section



12

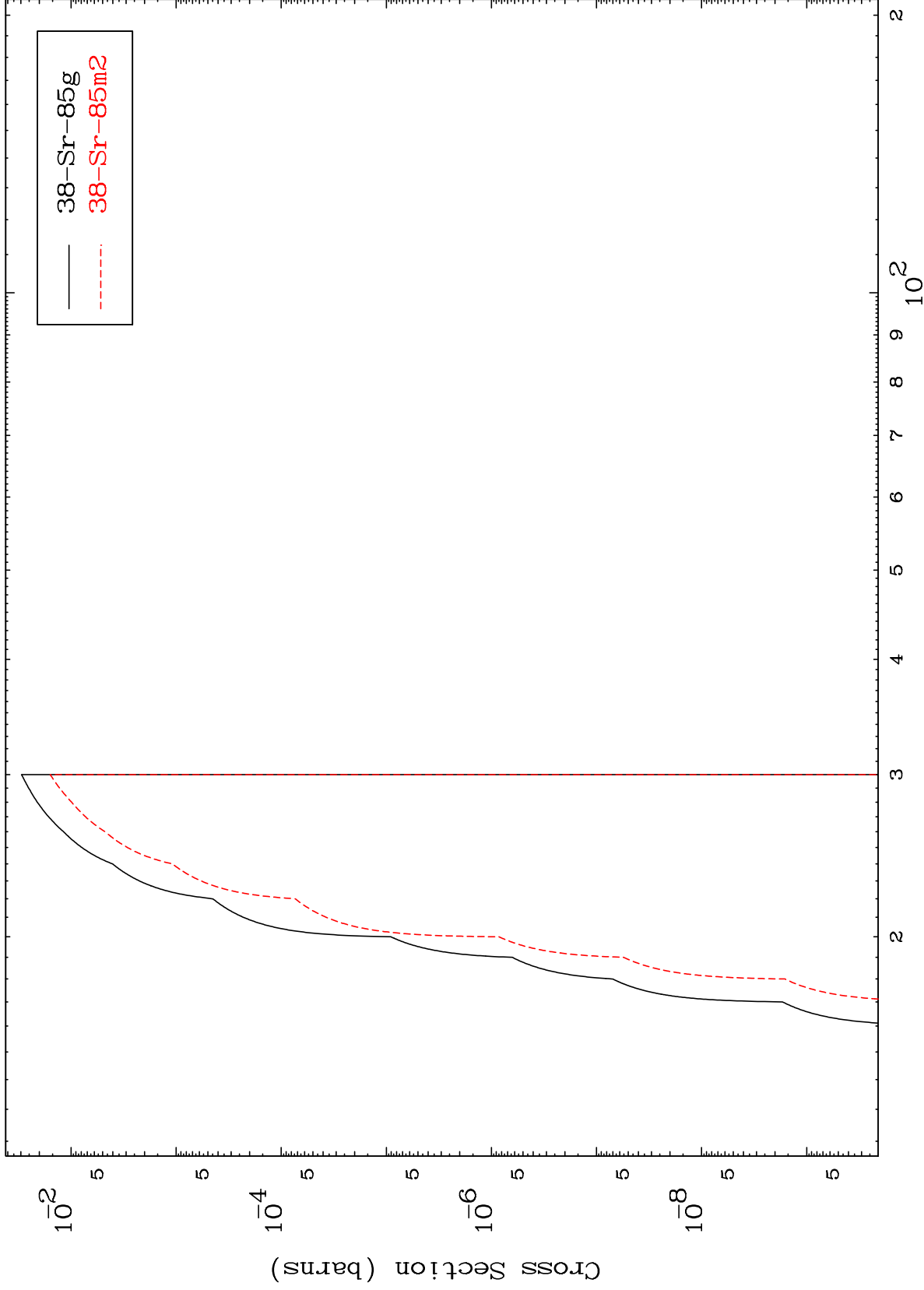
38-Sr-86

MAT 3831

(α, n') α

38-Sr-86

Radionuclide Production Cross Section



13

Incident Energy (MeV)

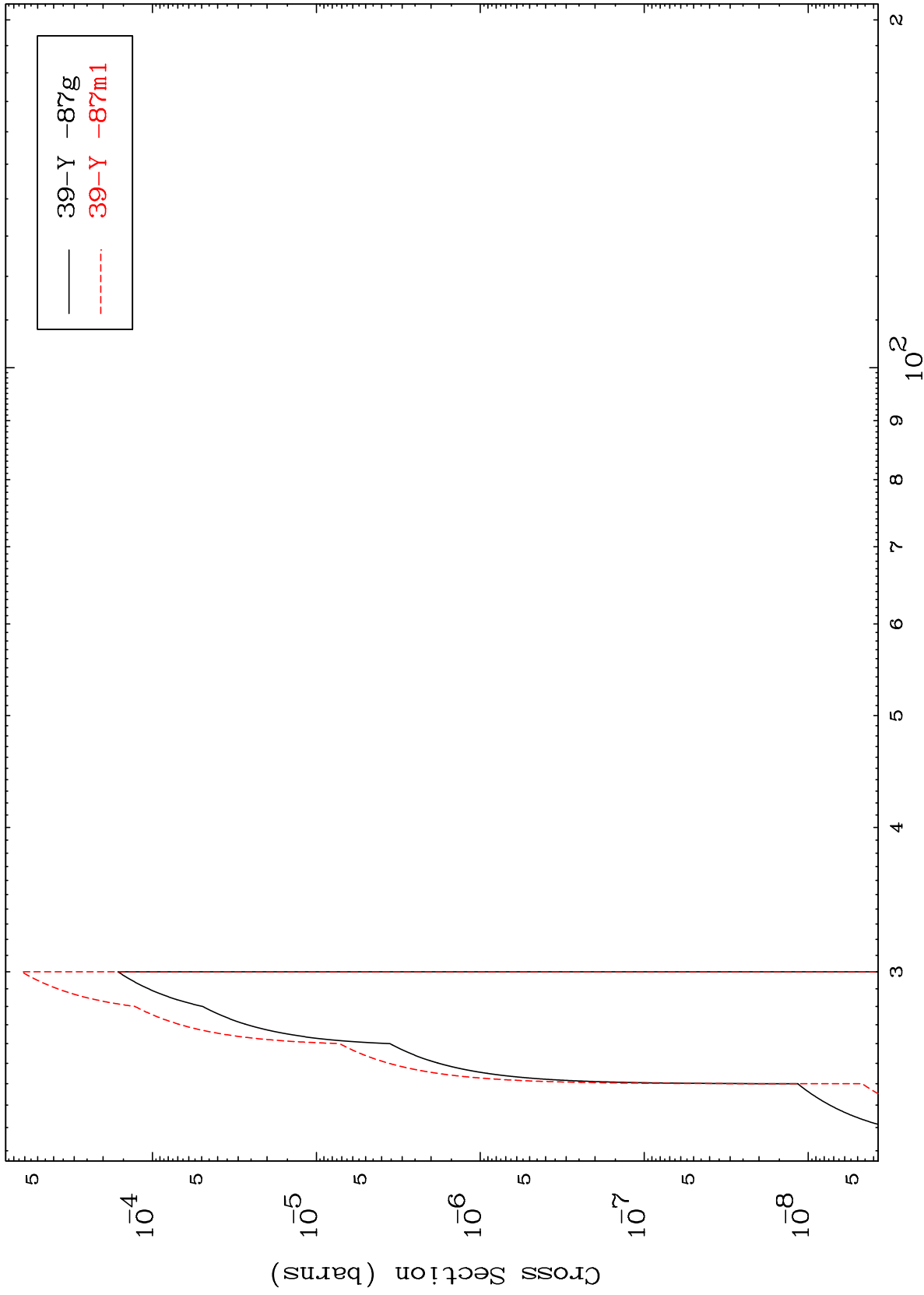
38-Sr-86

MAT 3831

(α, n') d

38-Sr-86

Radionuclide Production Cross Section



14

Incident Energy (MeV)

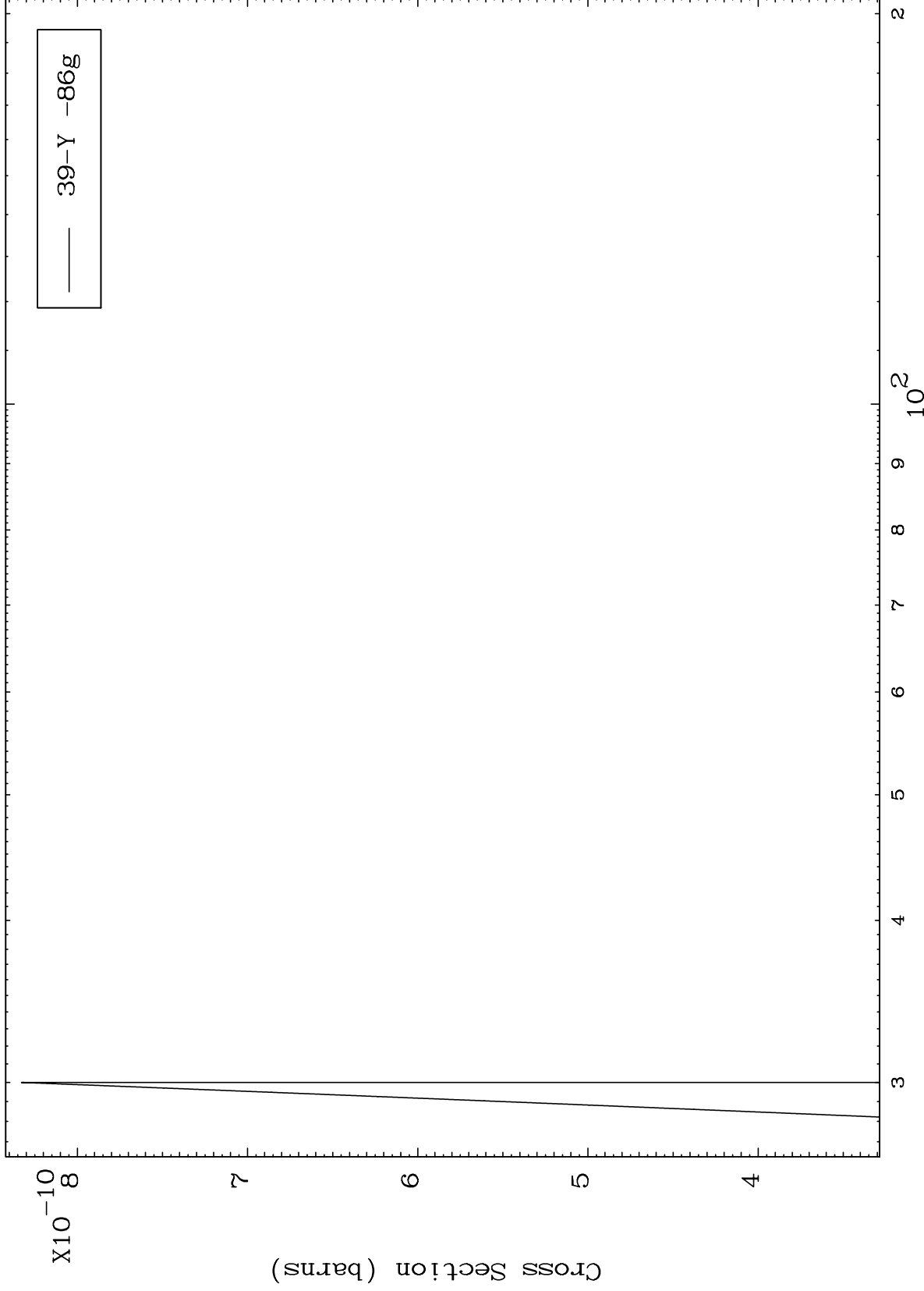
38-Sr-86

MAT 3831

(α, n') t

38-Sr-86

Radionuclide Production Cross Section



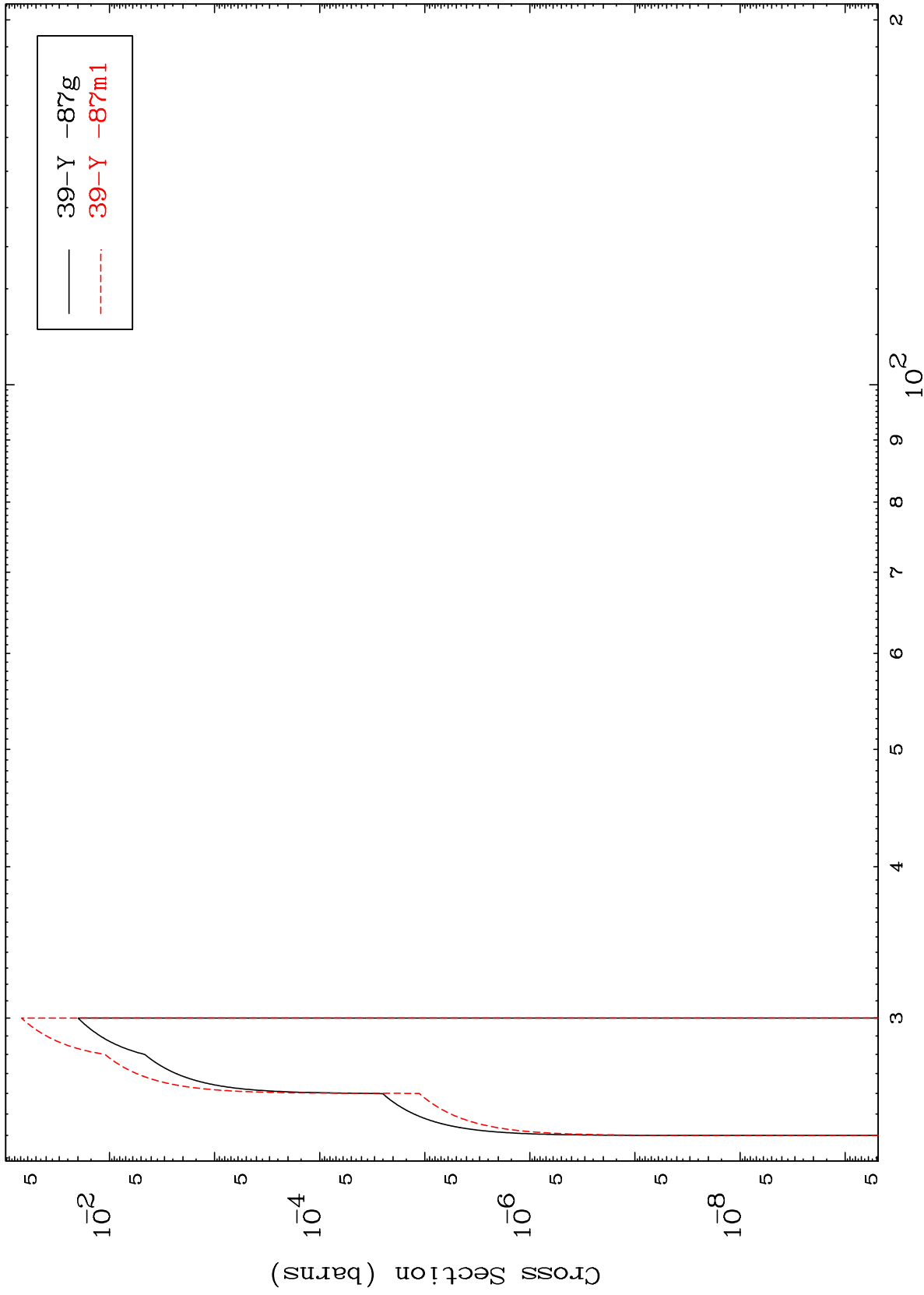
15

38-Sr-86

MAT 3831

38-Sr-86

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



16

Incident Energy (MeV)

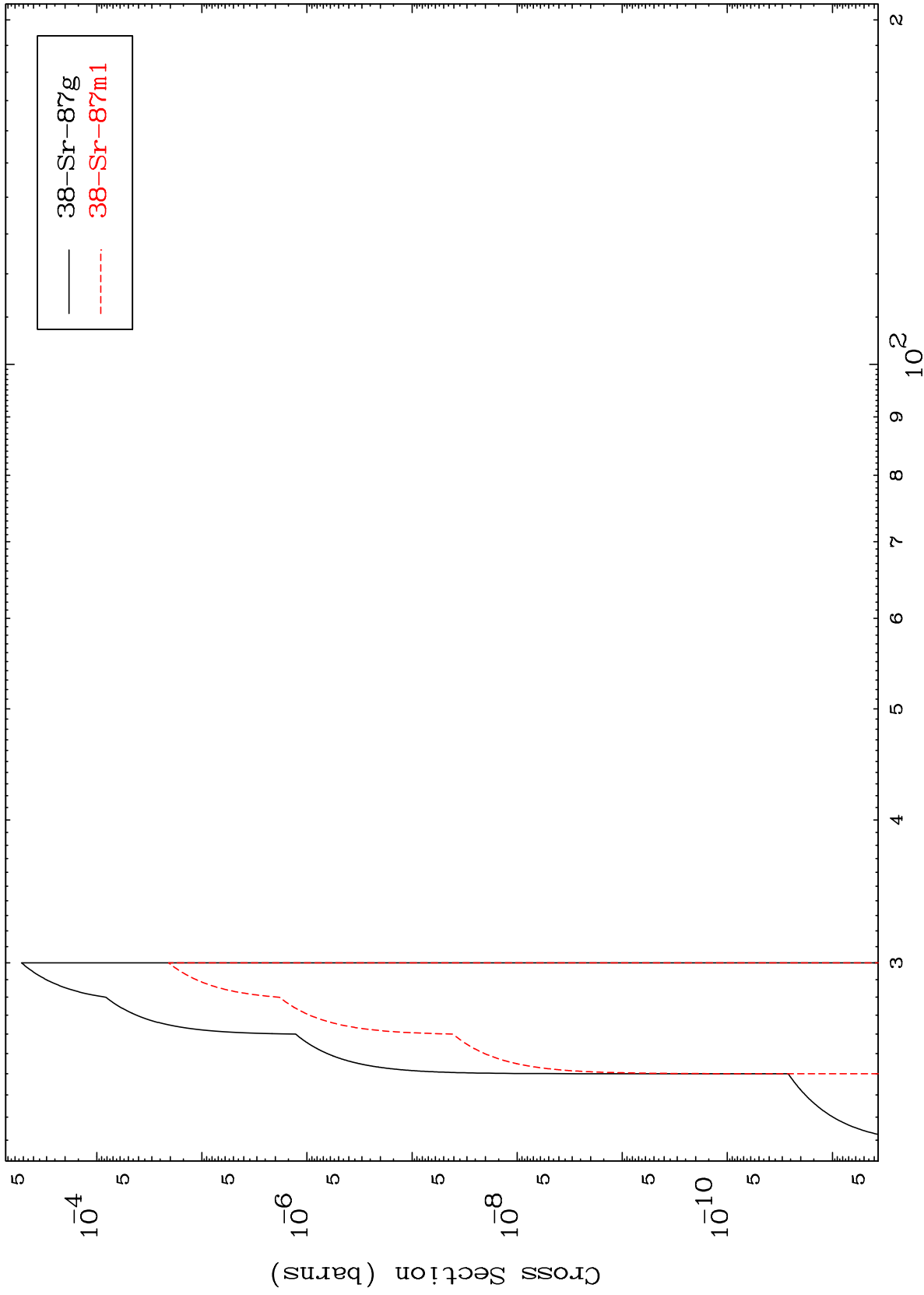
38-Sr-86

MAT 3831

($\alpha, 2n$) p

38-Sr-86

Radionuclide Production Cross Section



17

Incident Energy (MeV)

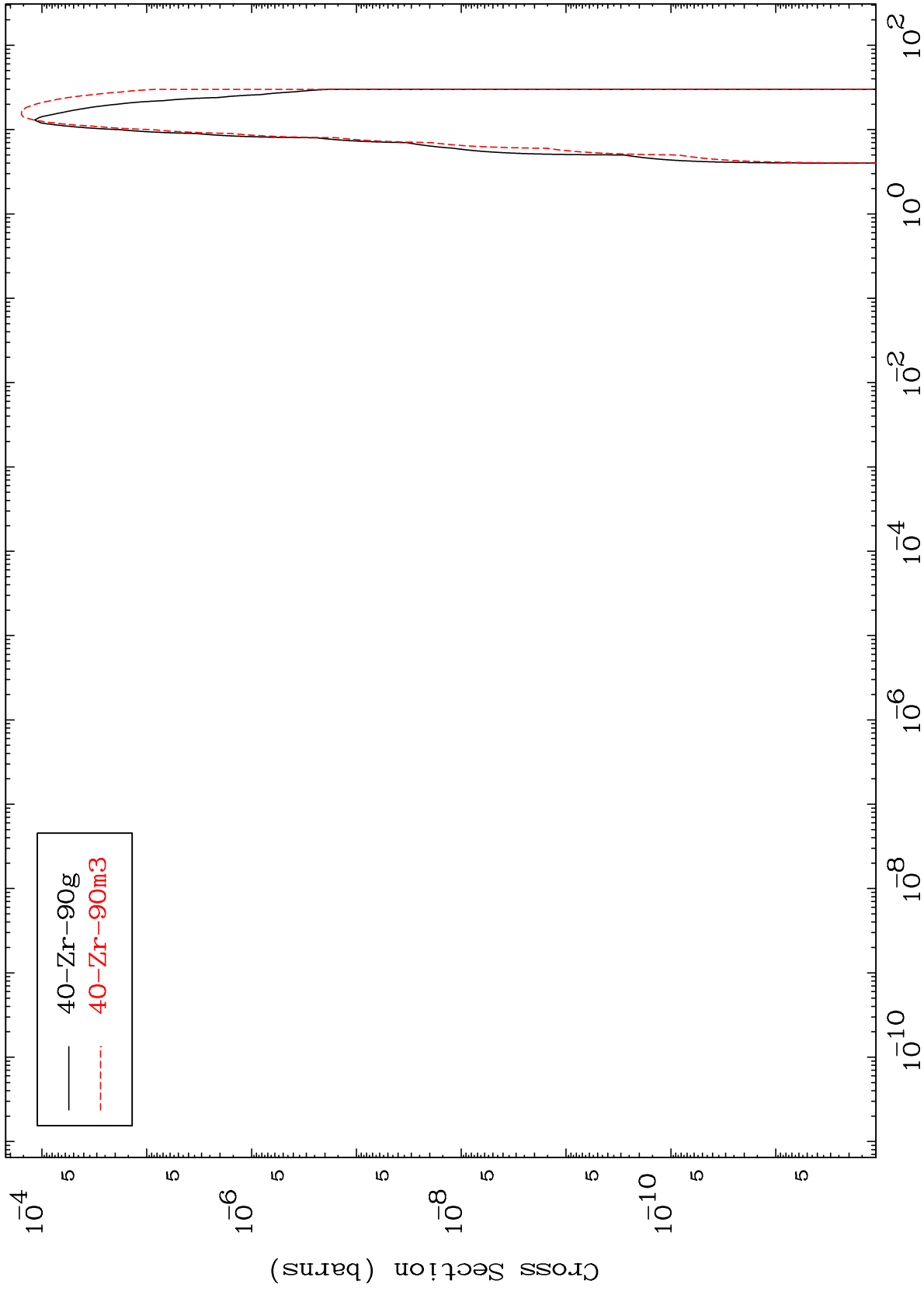
38-Sr-86

MAT 3831

(α, γ)

38-Sr-86

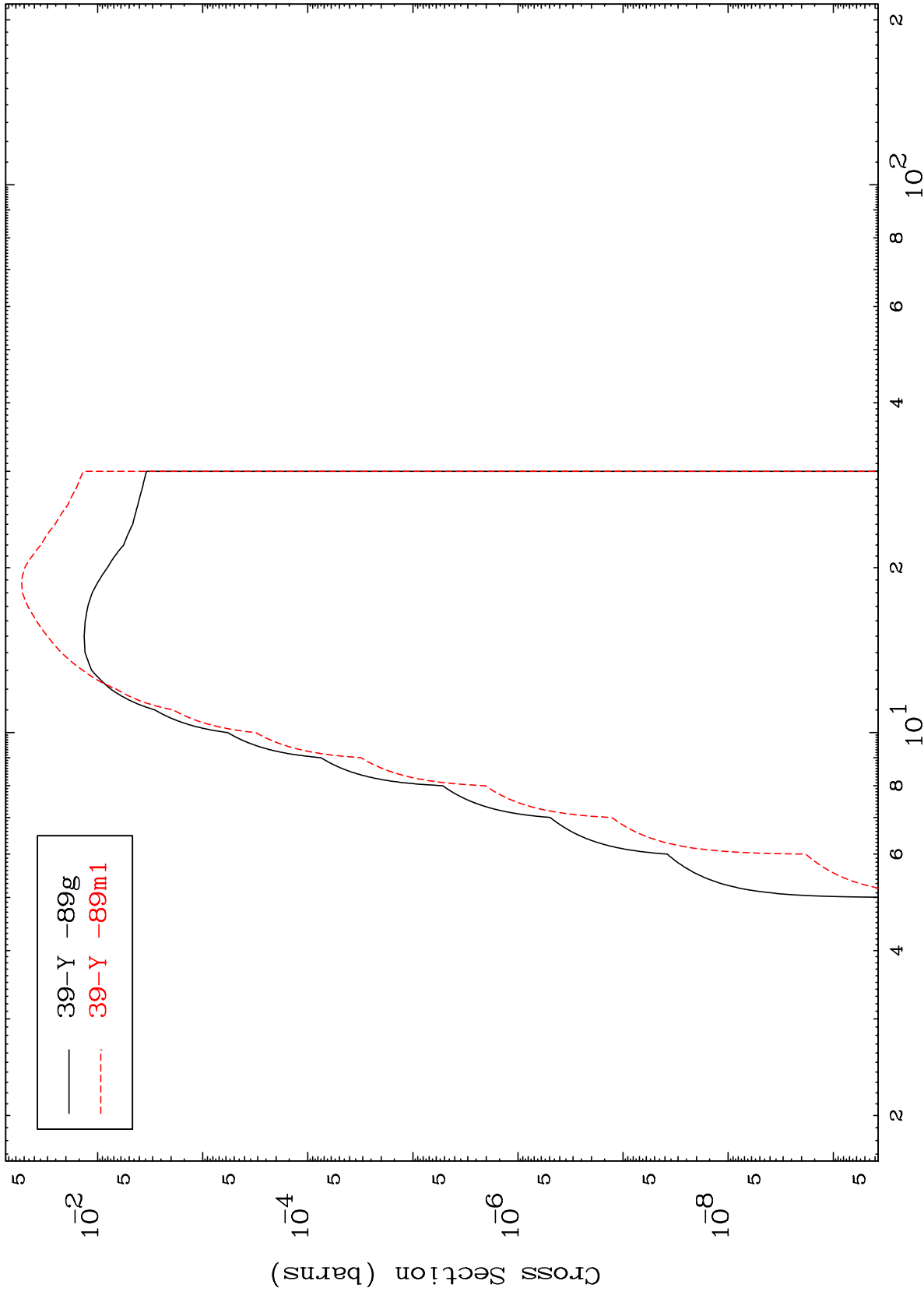
Radionuclide Production Cross Section



MAT 3831

38-Sr-86

(α, p)
Radionuclide Production Cross Section



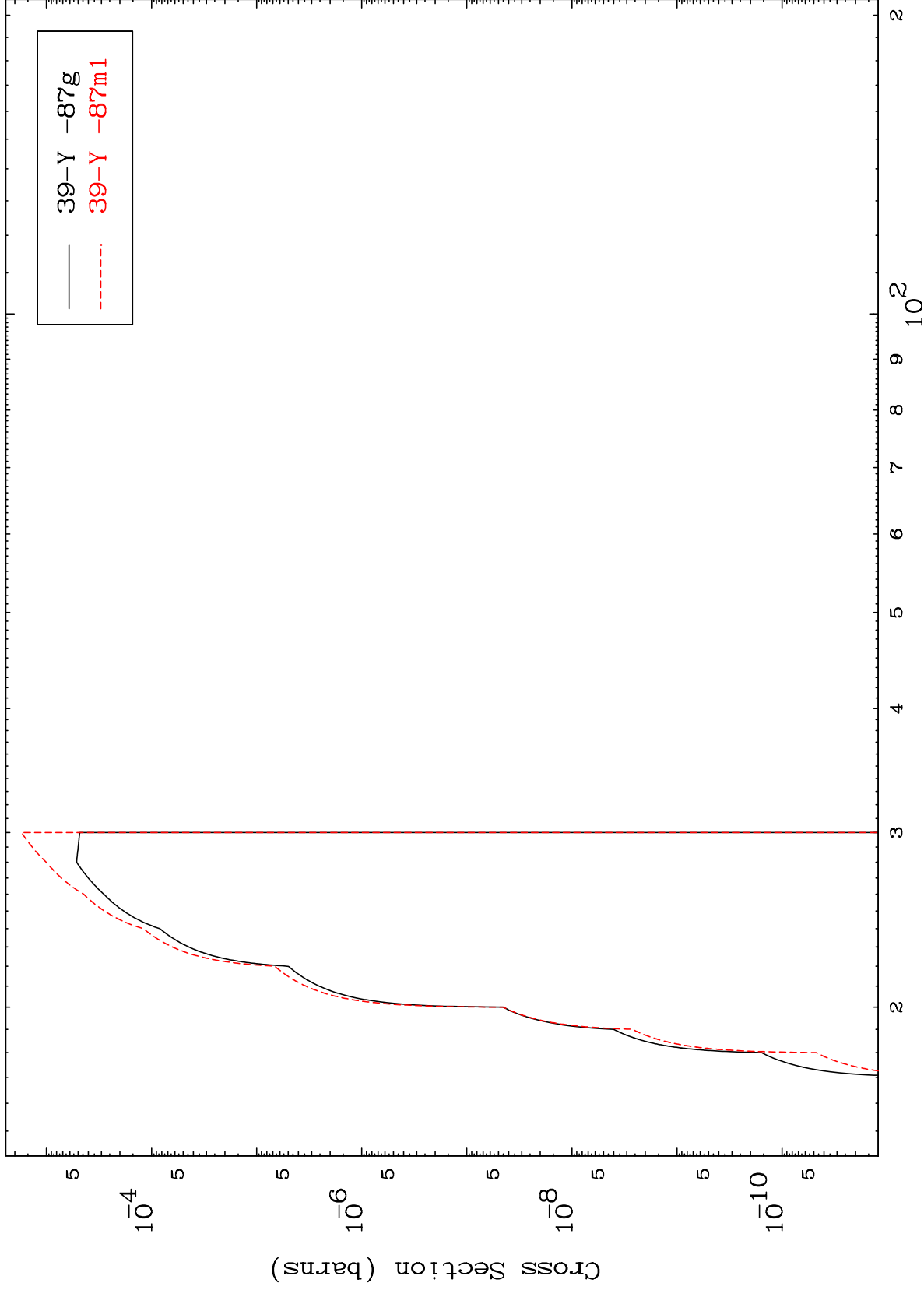
19

38-Sr-86

MAT 3831

38-Sr-86

(α, t)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

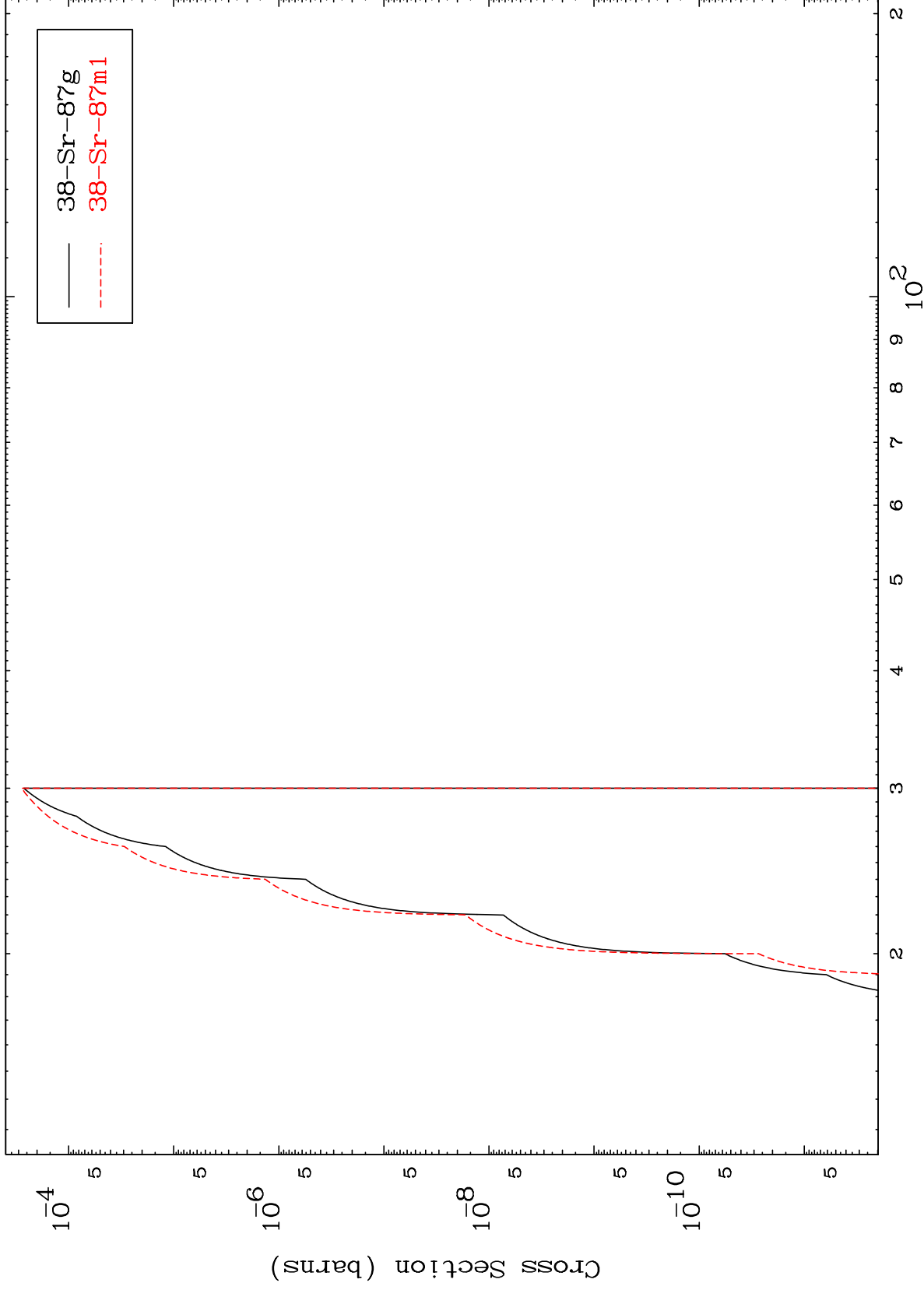
38-Sr-86

MAT 3831

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

38-Sr-86

Radionuclide Production Cross Section



21

Incident Energy (MeV)

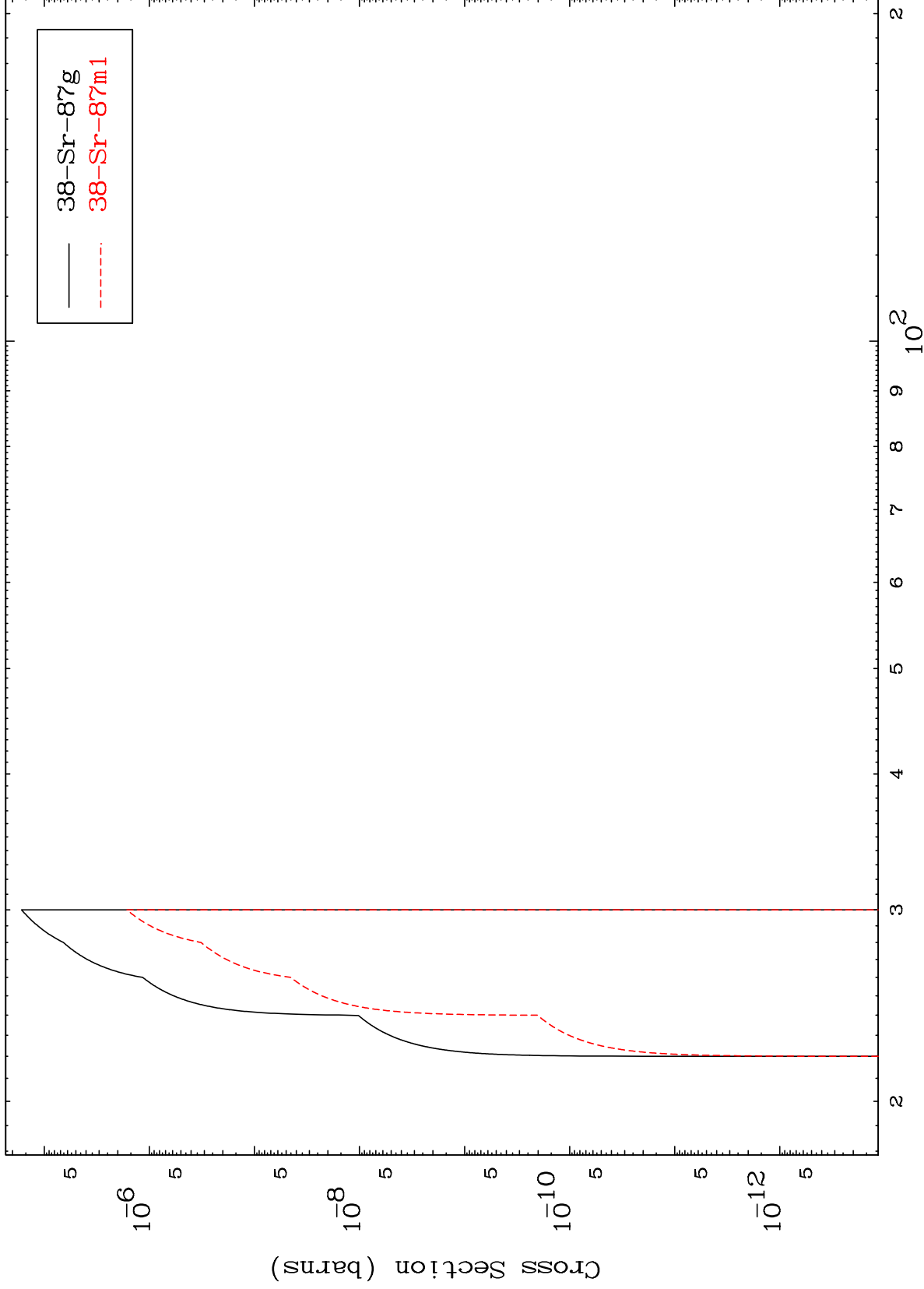
38-Sr-86

MAT 3831

(α, p) d

38-Sr-86

Radionuclide Production Cross Section



22

Incident Energy (MeV)

38-Sr-86