

Program EVALPLOT
(Version 2018-1)

by

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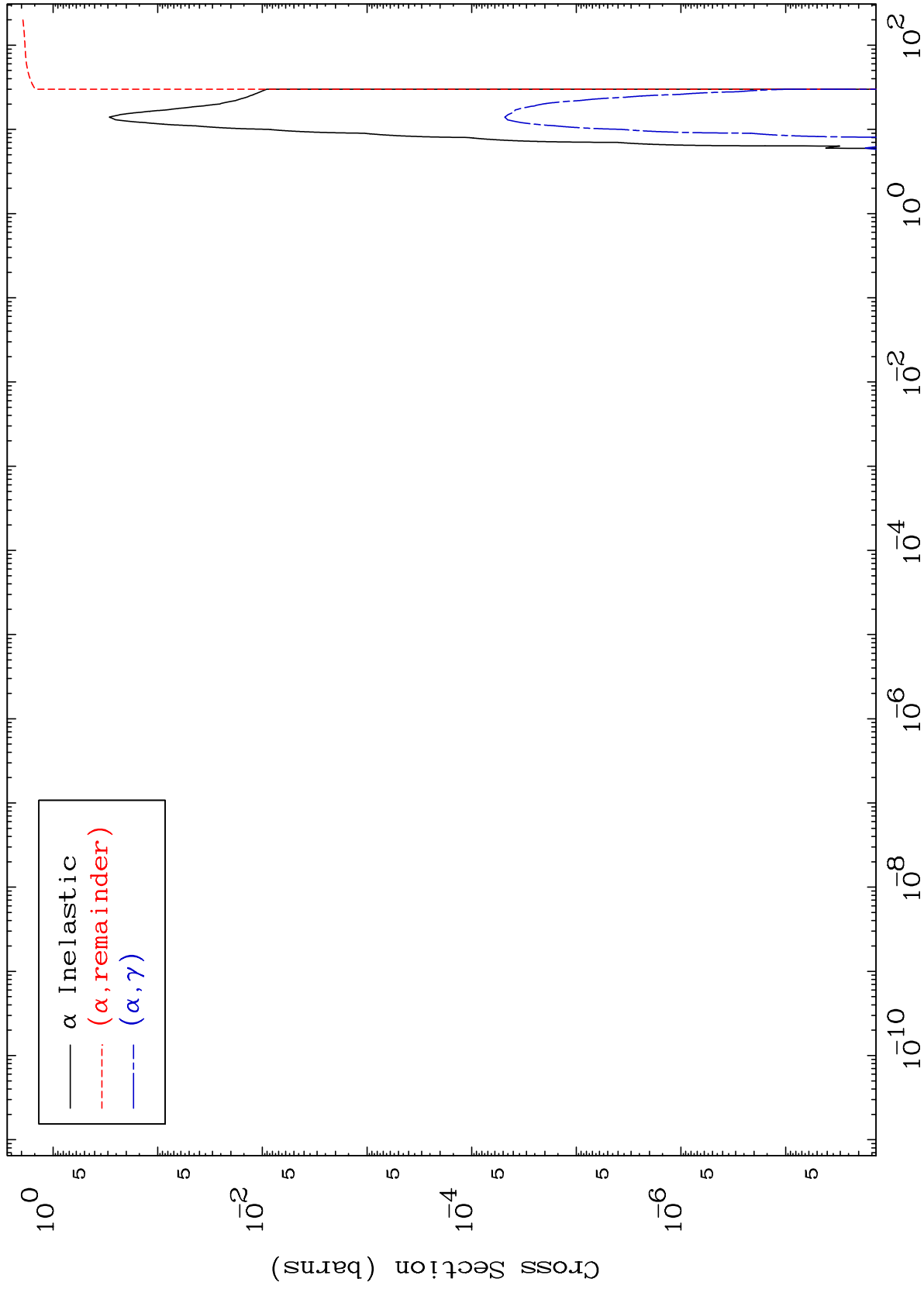
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3931

0 Kelvin α Major
Cross Sections

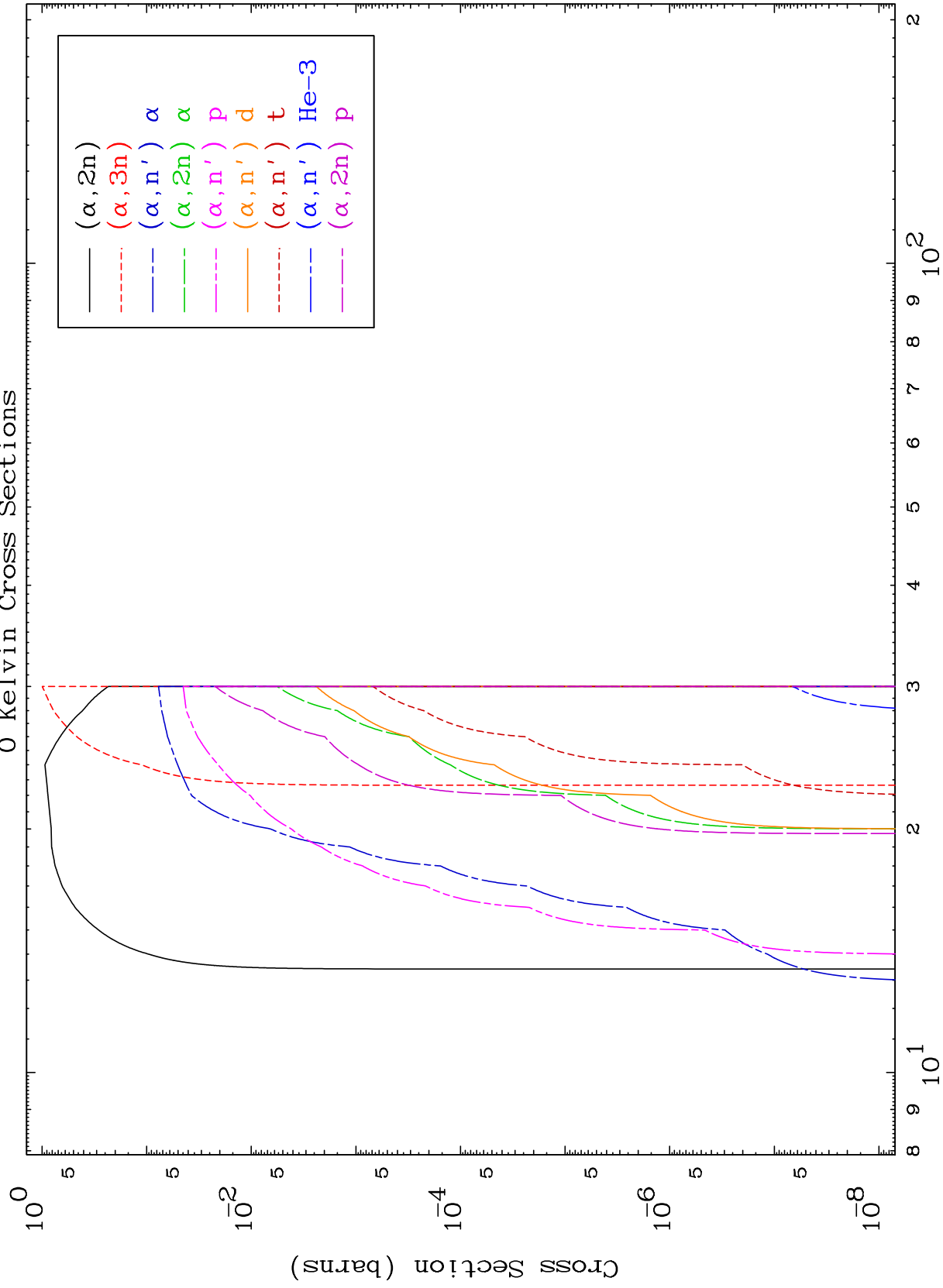
39-Y -91



MAT 3931

α Neutron Production
0 Kelvin Cross Sections

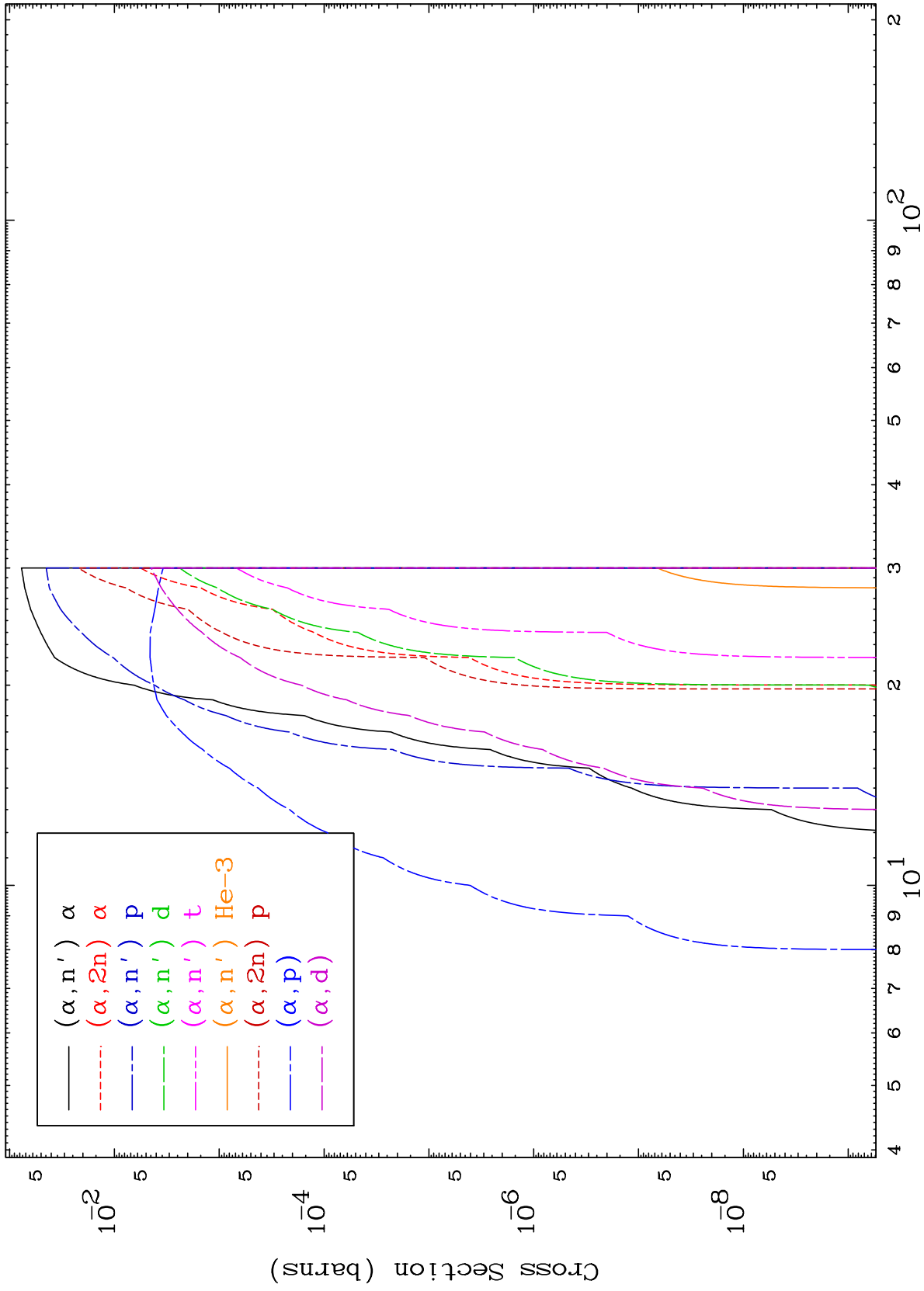
39-Y -91

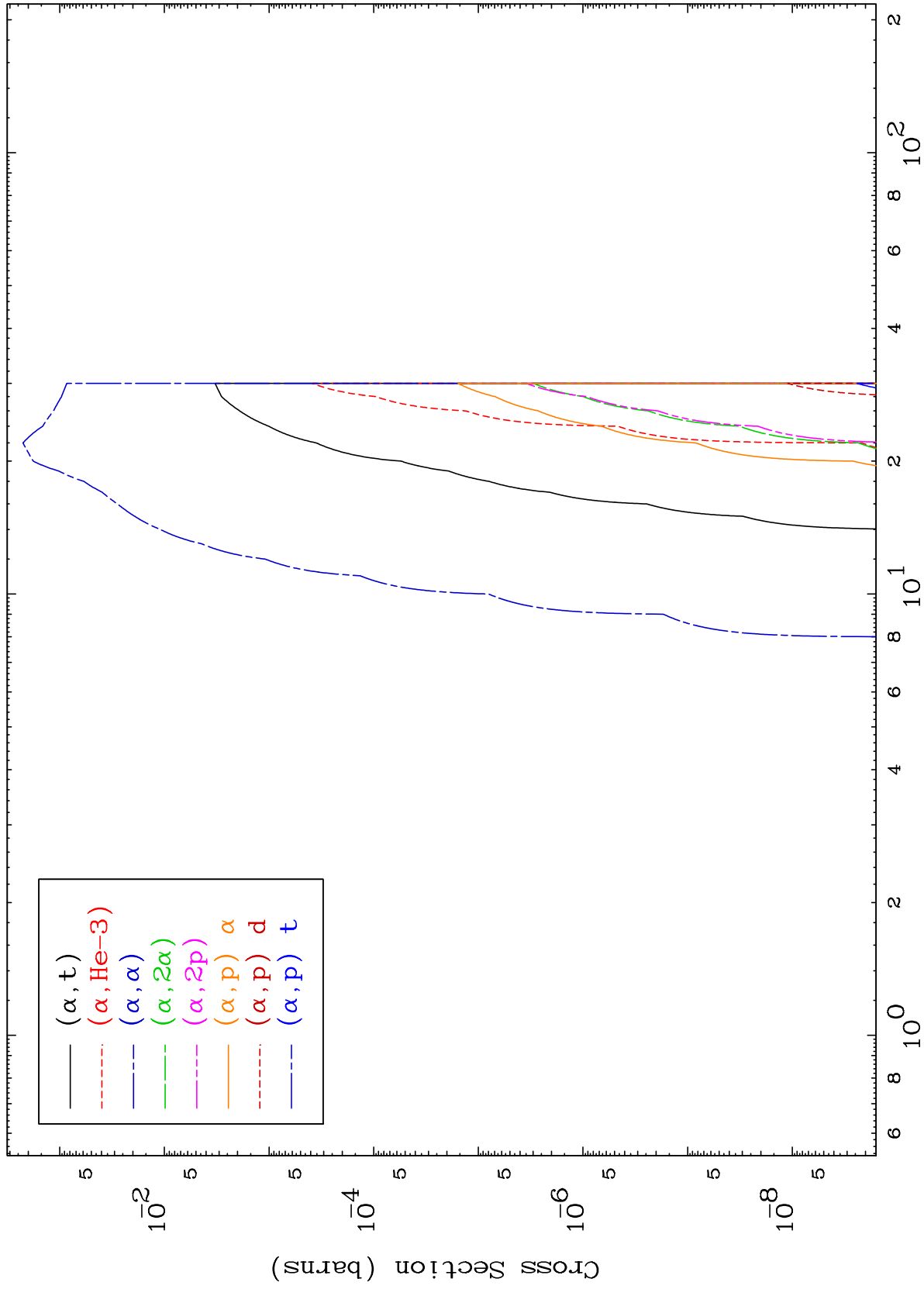


2

Incident Energy (MeV)

39-Y -91

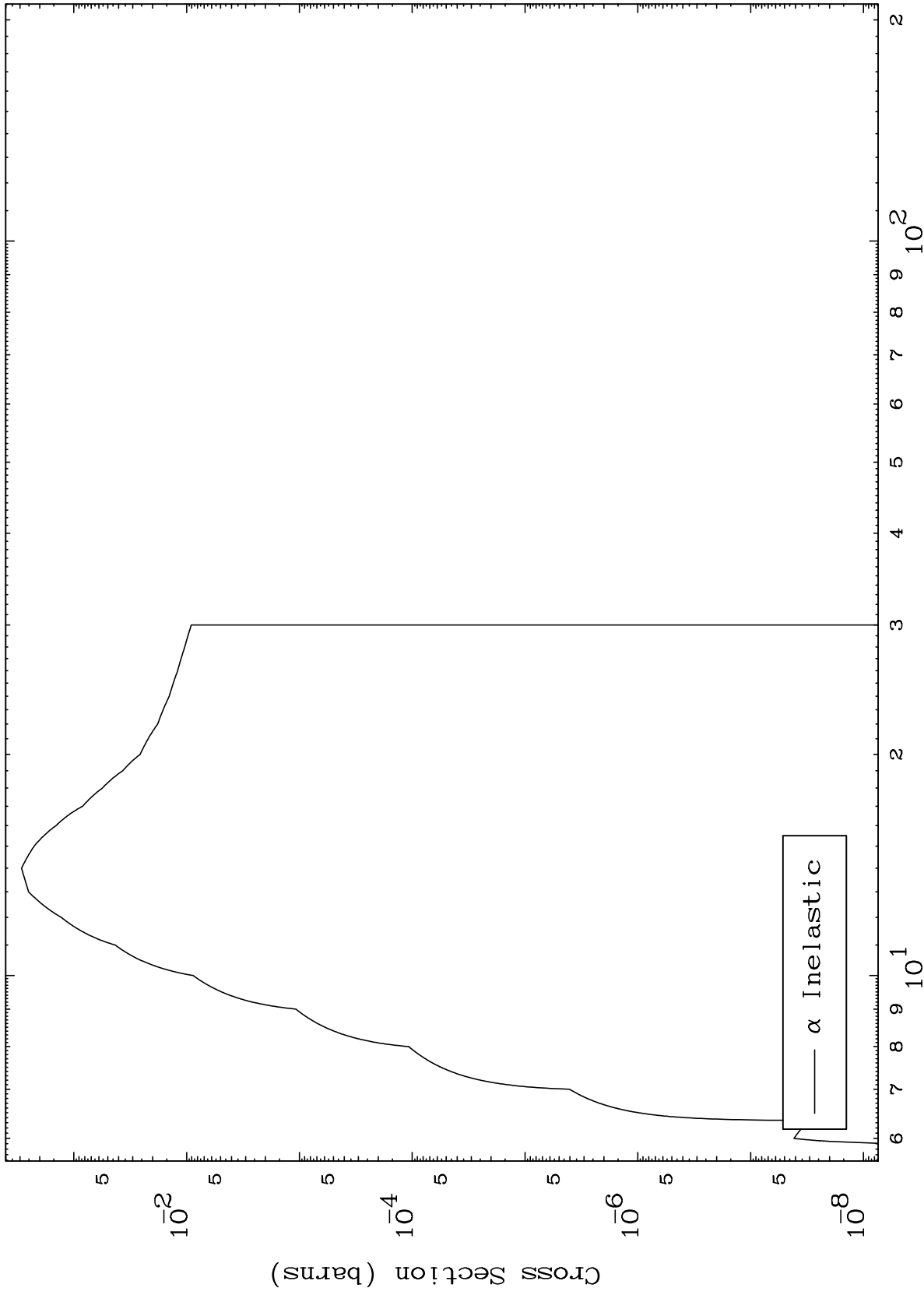




MAT 3931

(α, n') Level
0 Kelvin Cross Sections

39-Y -91

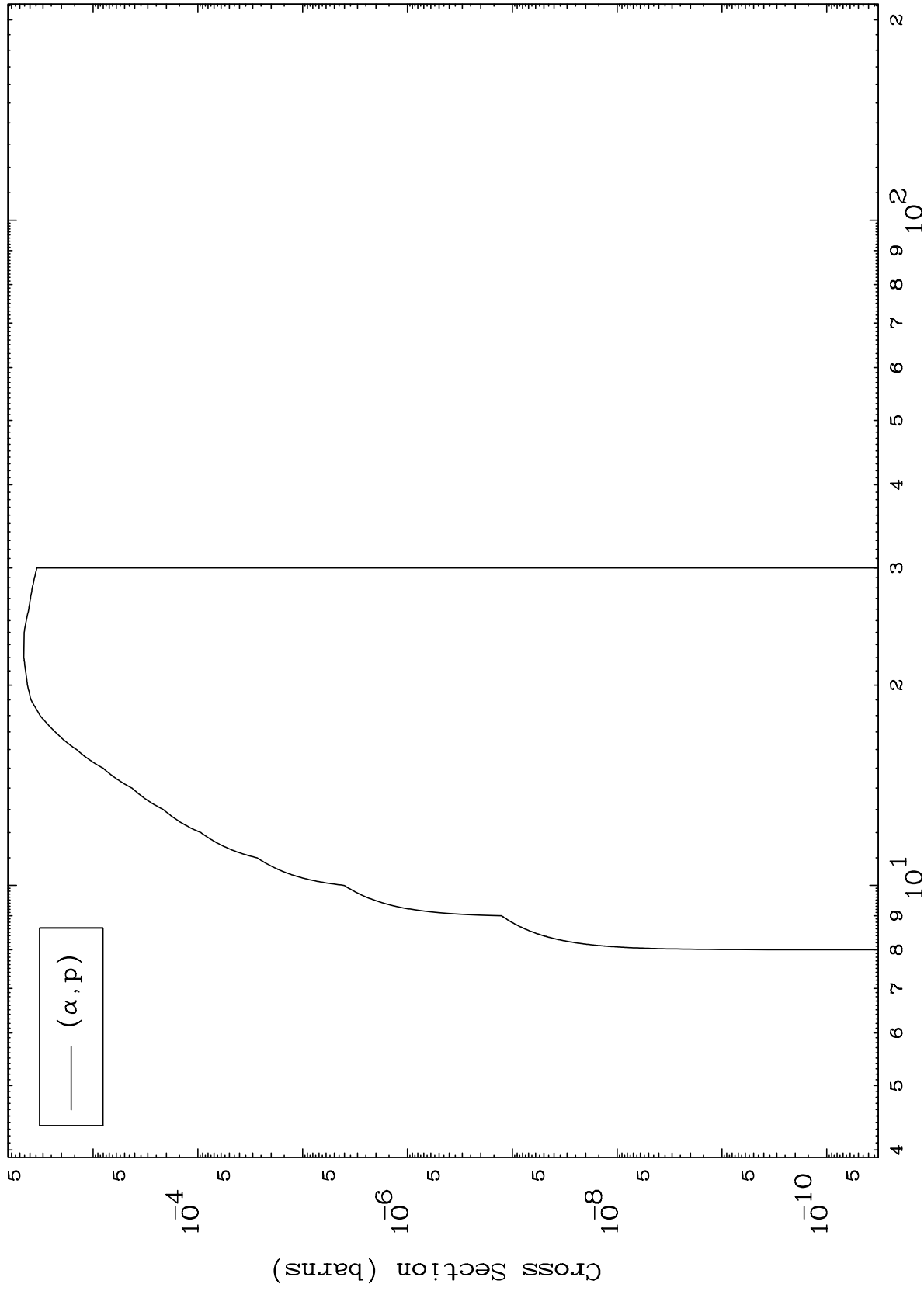


5

Incident Energy (MeV)

39-Y -91

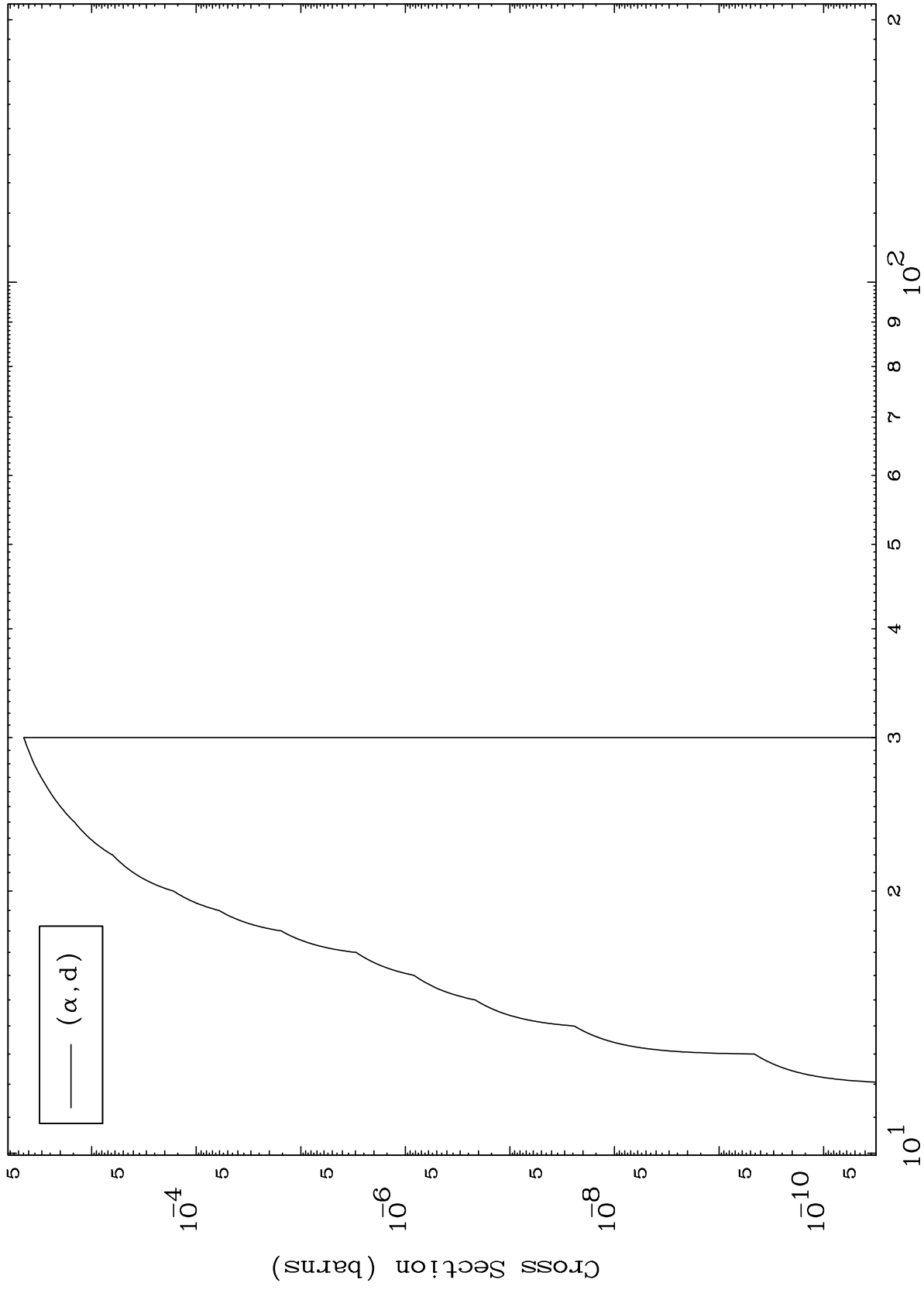
(α, p) Levels
0 Kelvin Cross Sections



MAT 3931

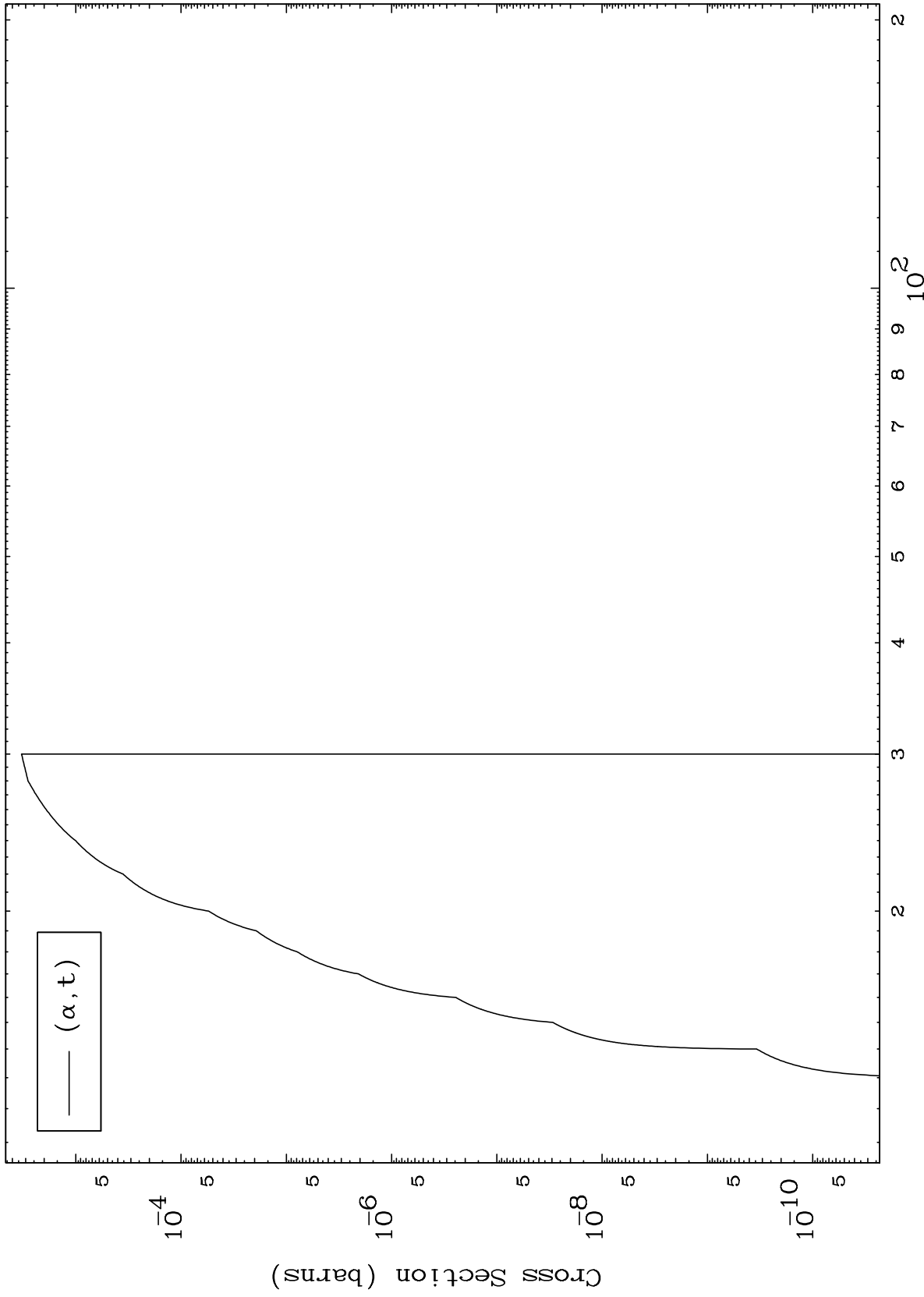
(α, d) Levels
0 Kelvin Cross Sections

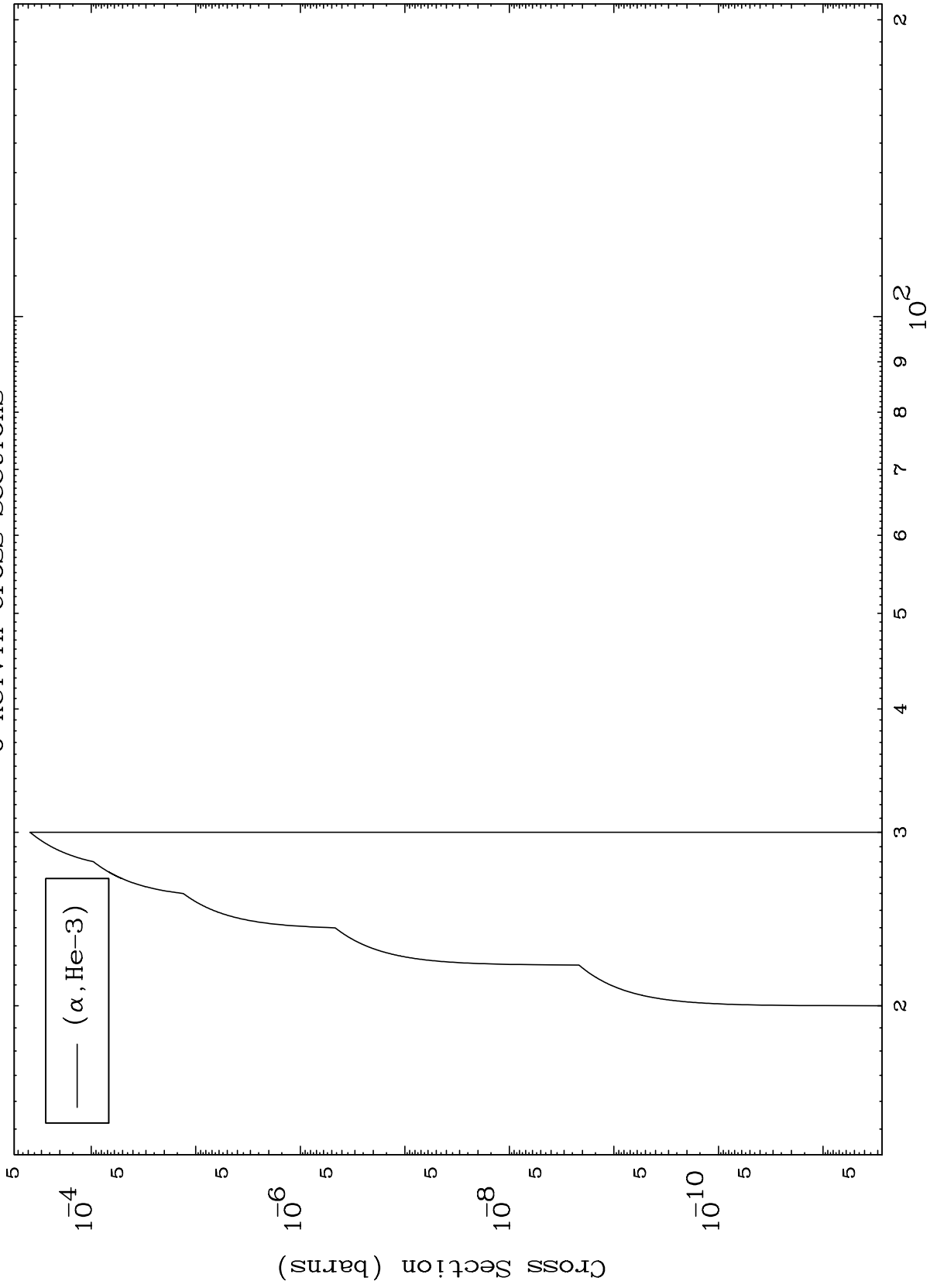
39-Y -91



Incident Energy (MeV)

39-Y -91

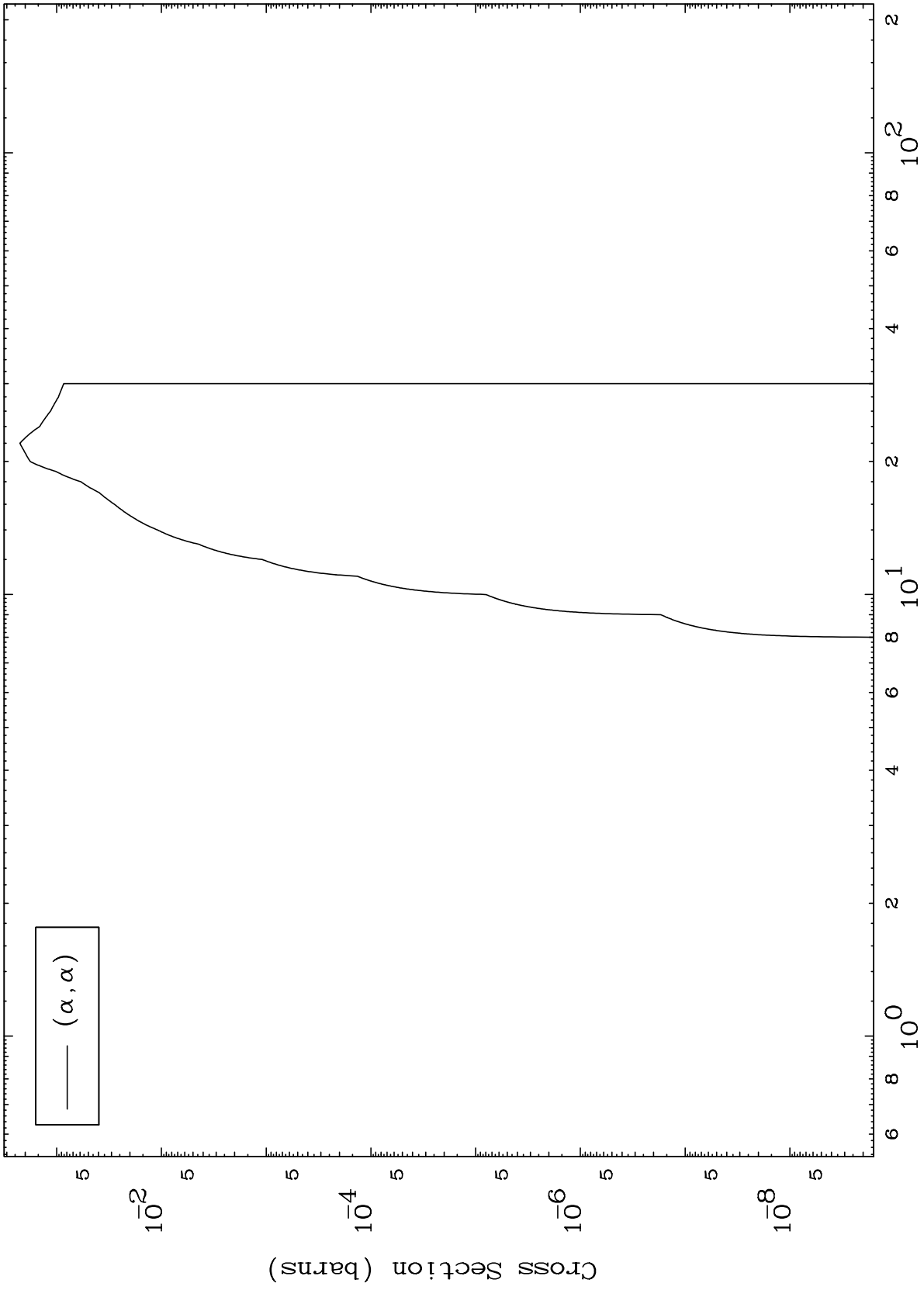




MAT 3931

39-Y -91

(α, α) Levels
0 Kelvin Cross Sections



10

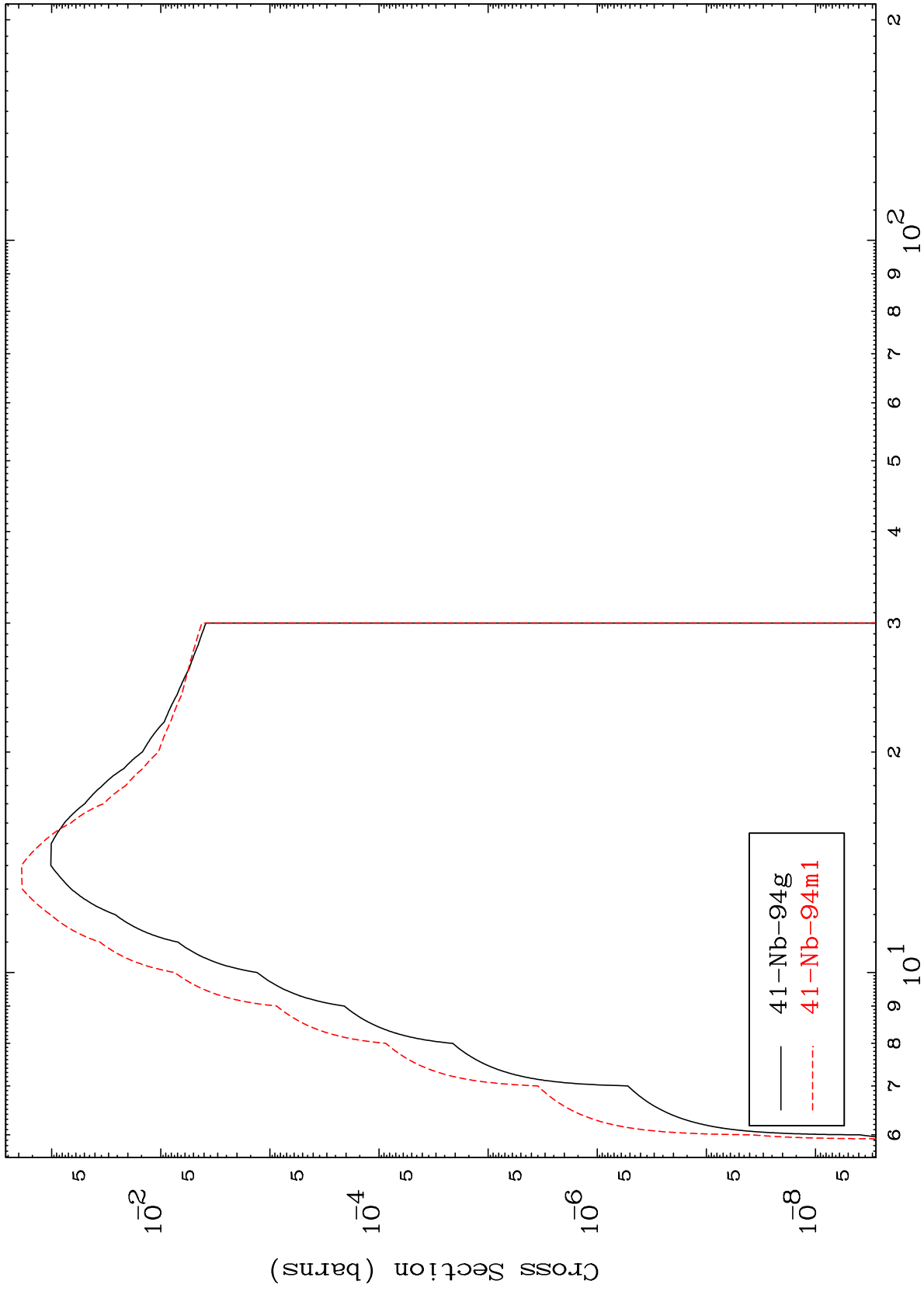
Incident Energy (MeV)

39-Y -91

MAT 3931

39-Y -91

α Inelastic
Radionuclide Production Cross Section



11

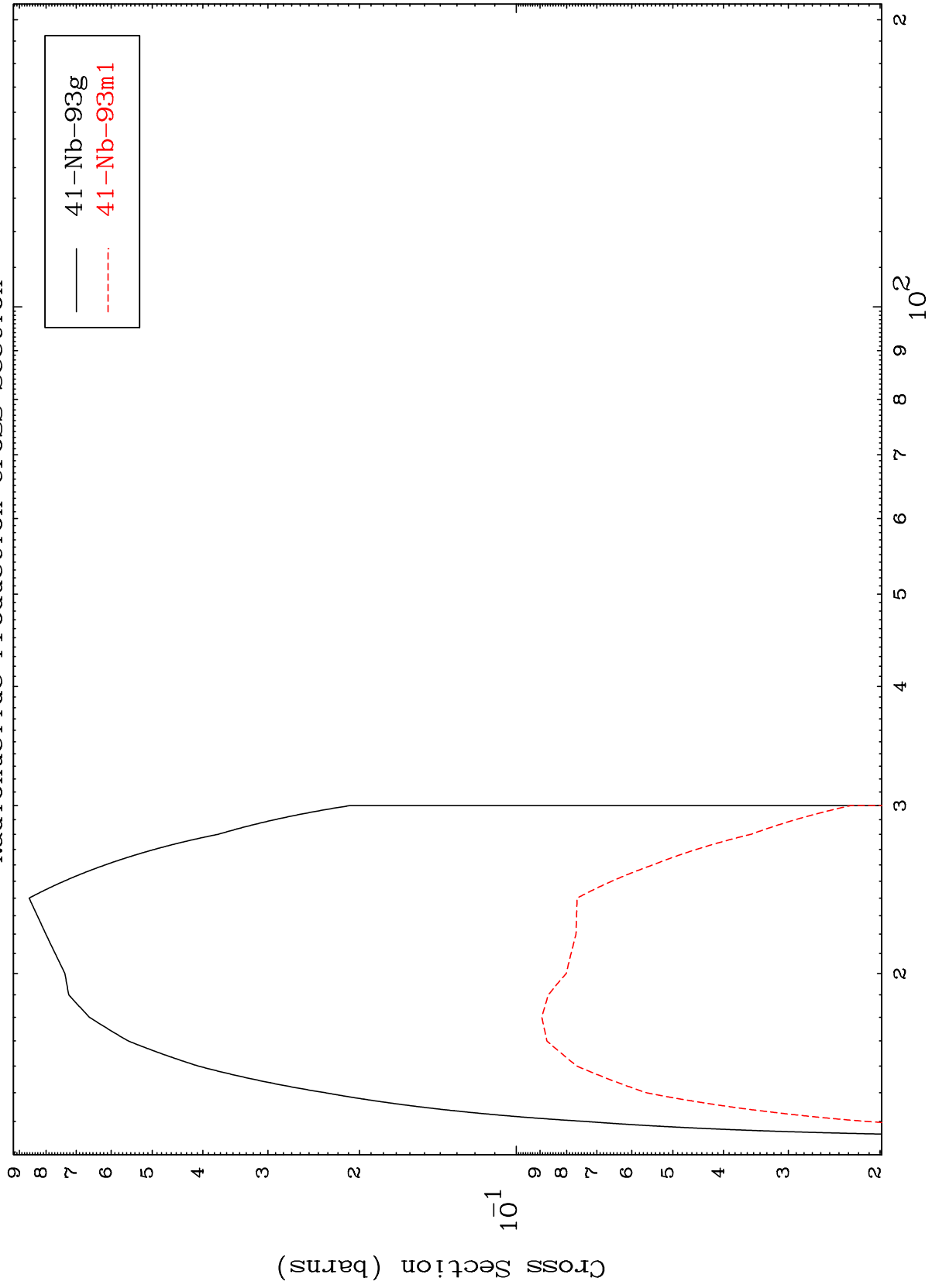
Incident Energy (MeV)

39-Y -91

MAT 3931

39-Y -91

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



12

Incident Energy (MeV)

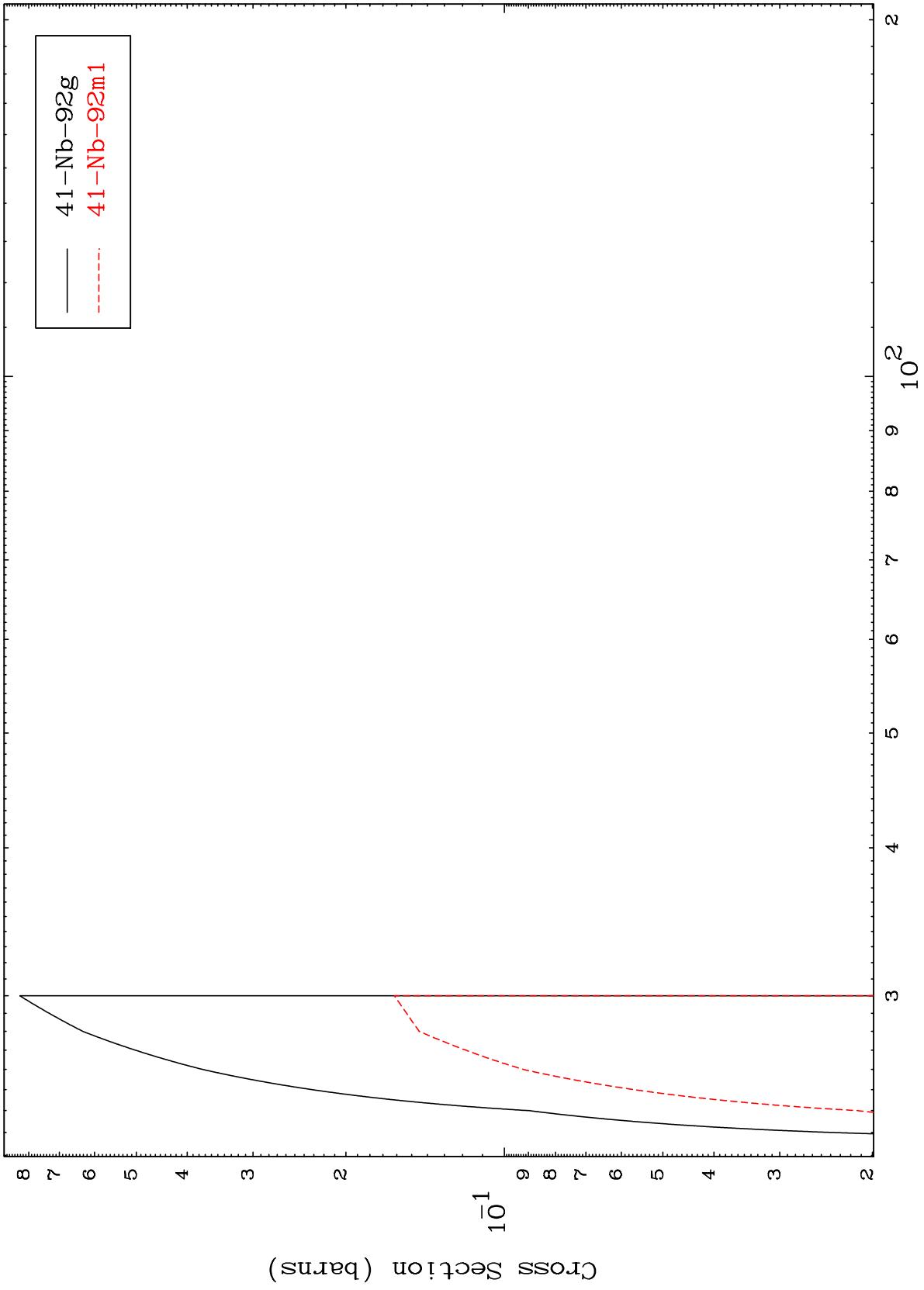
39-Y -91

MAT 3931

($\alpha, 3n$)

39-Y -91

Radionuclide Production Cross Section



13

Incident Energy (MeV)

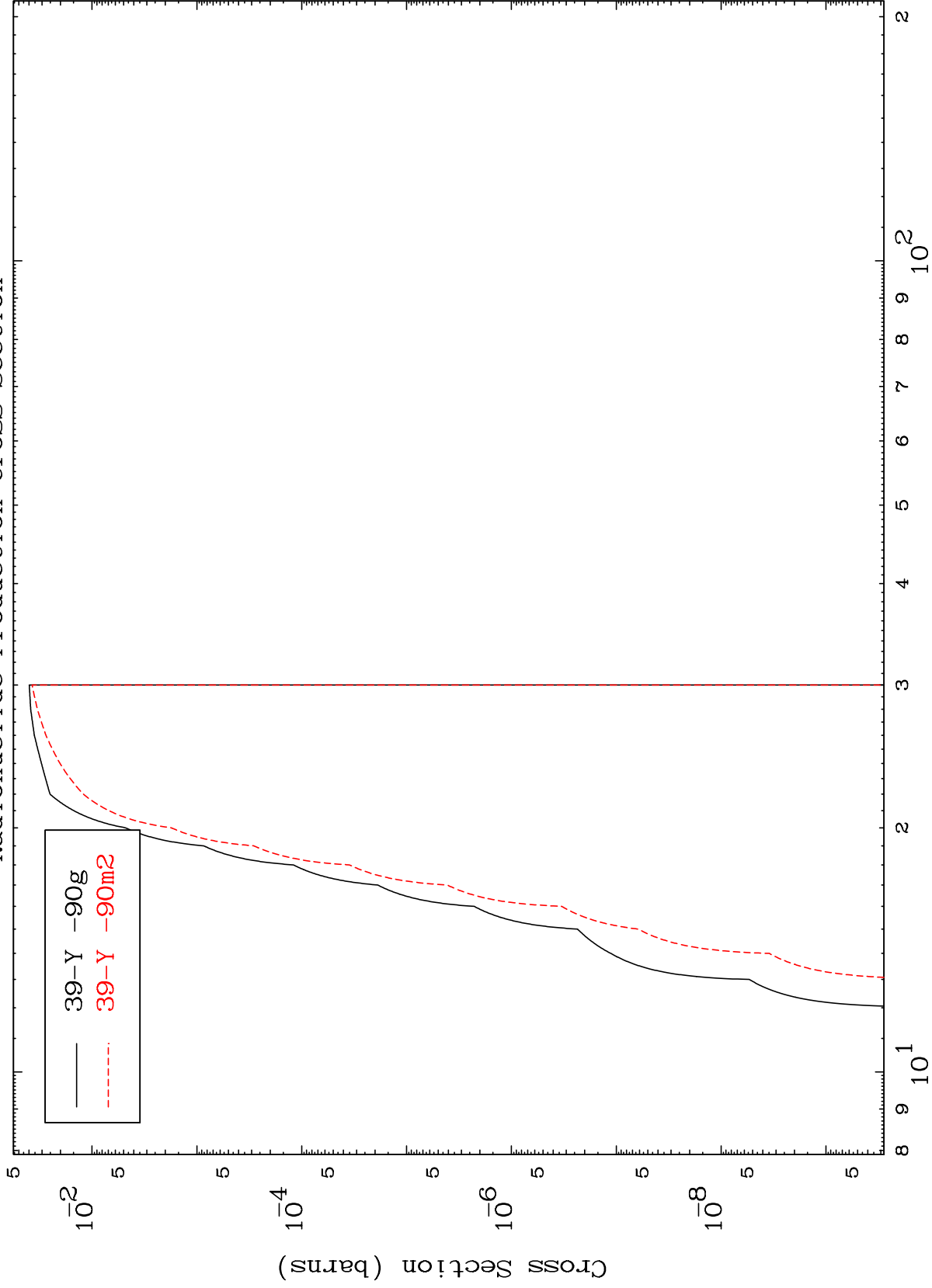
39-Y -91

MAT 3931

(α, n') α

39-Y -91

Radionuclide Production Cross Section



39-Y -90g
39-Y -90m2

14

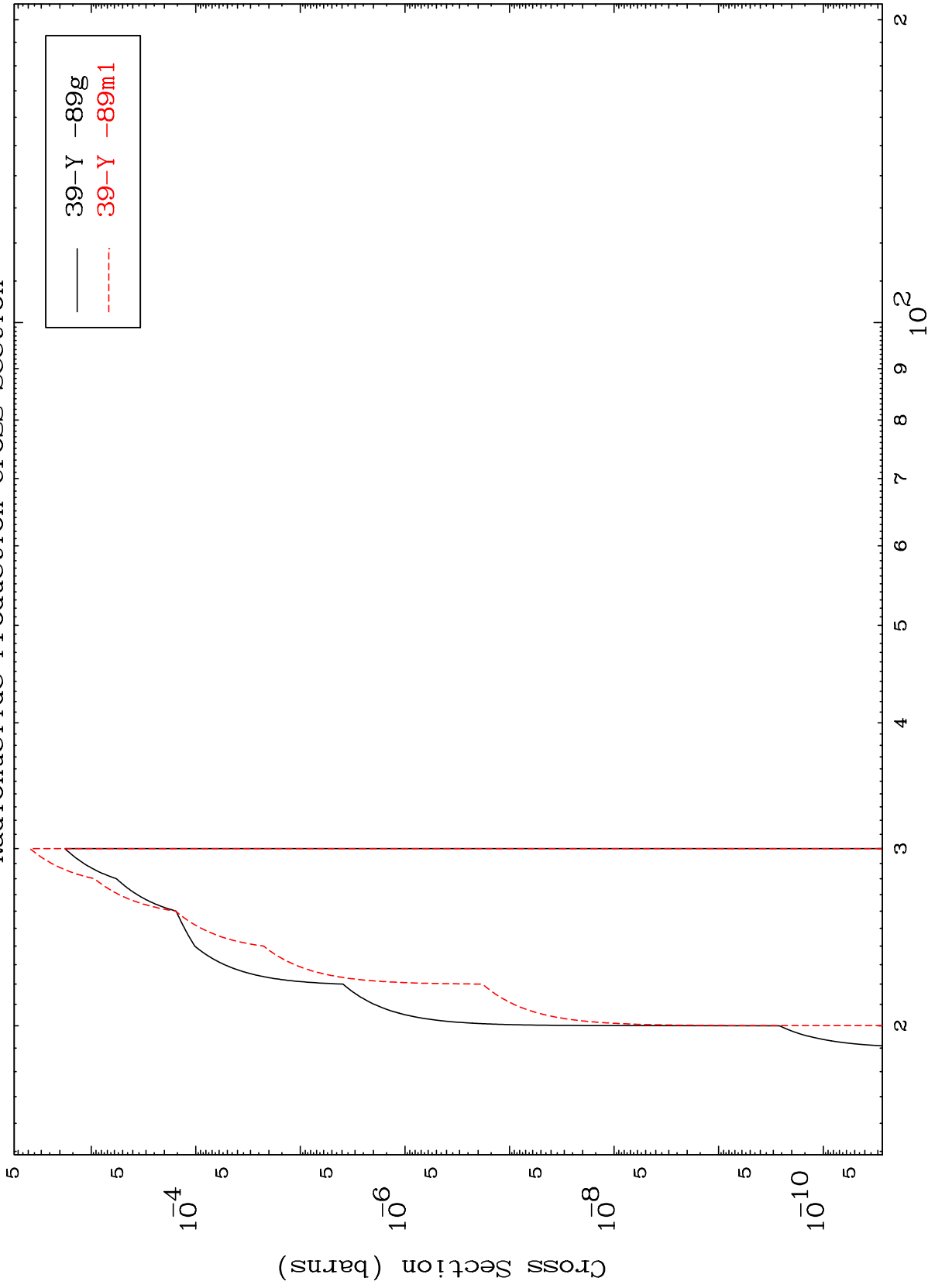
39-Y -91

MAT 3931

$(\alpha, 2n) \alpha$

39-Y -91

Radionuclide Production Cross Section

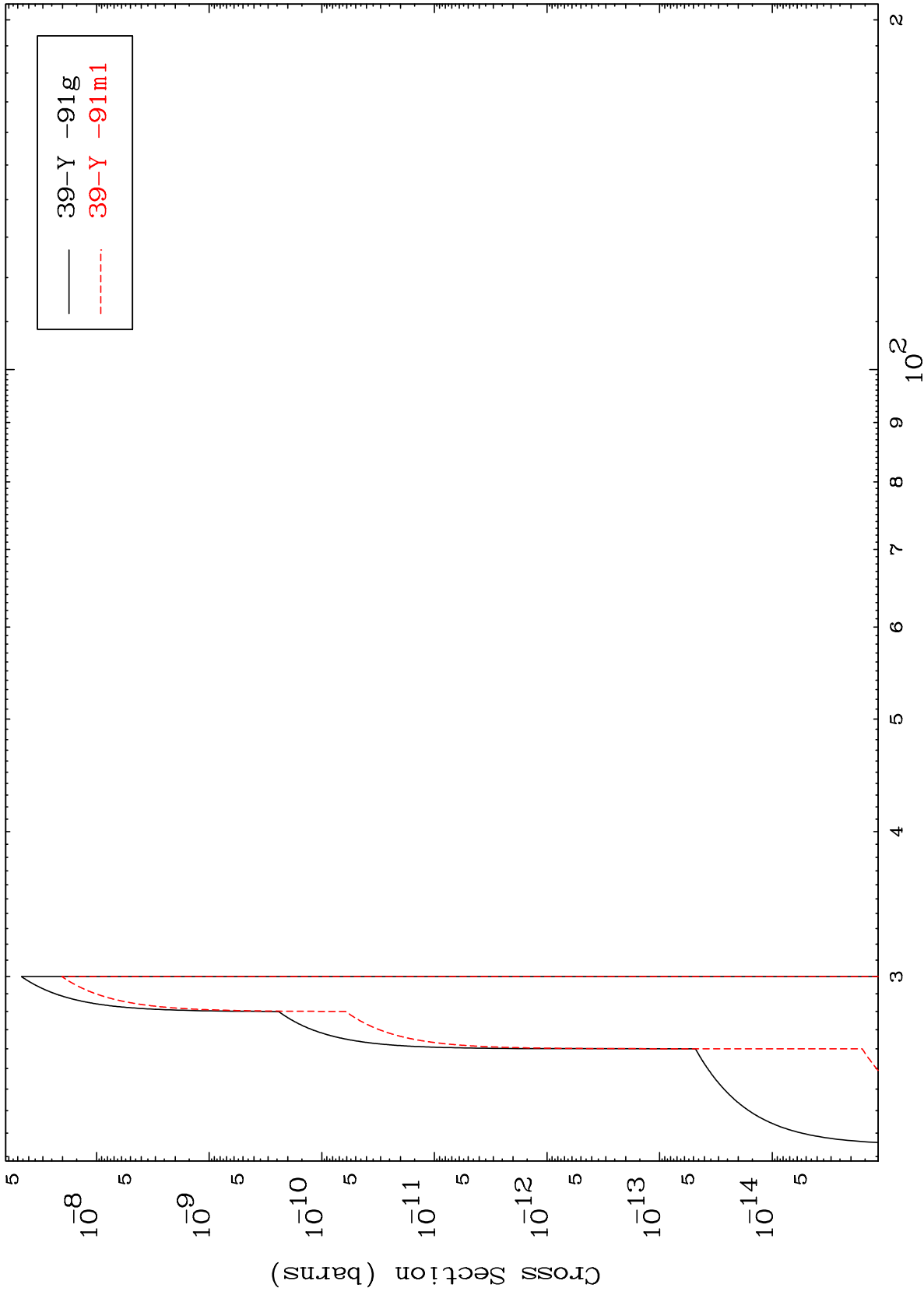


15

Incident Energy (MeV)

39-Y -91

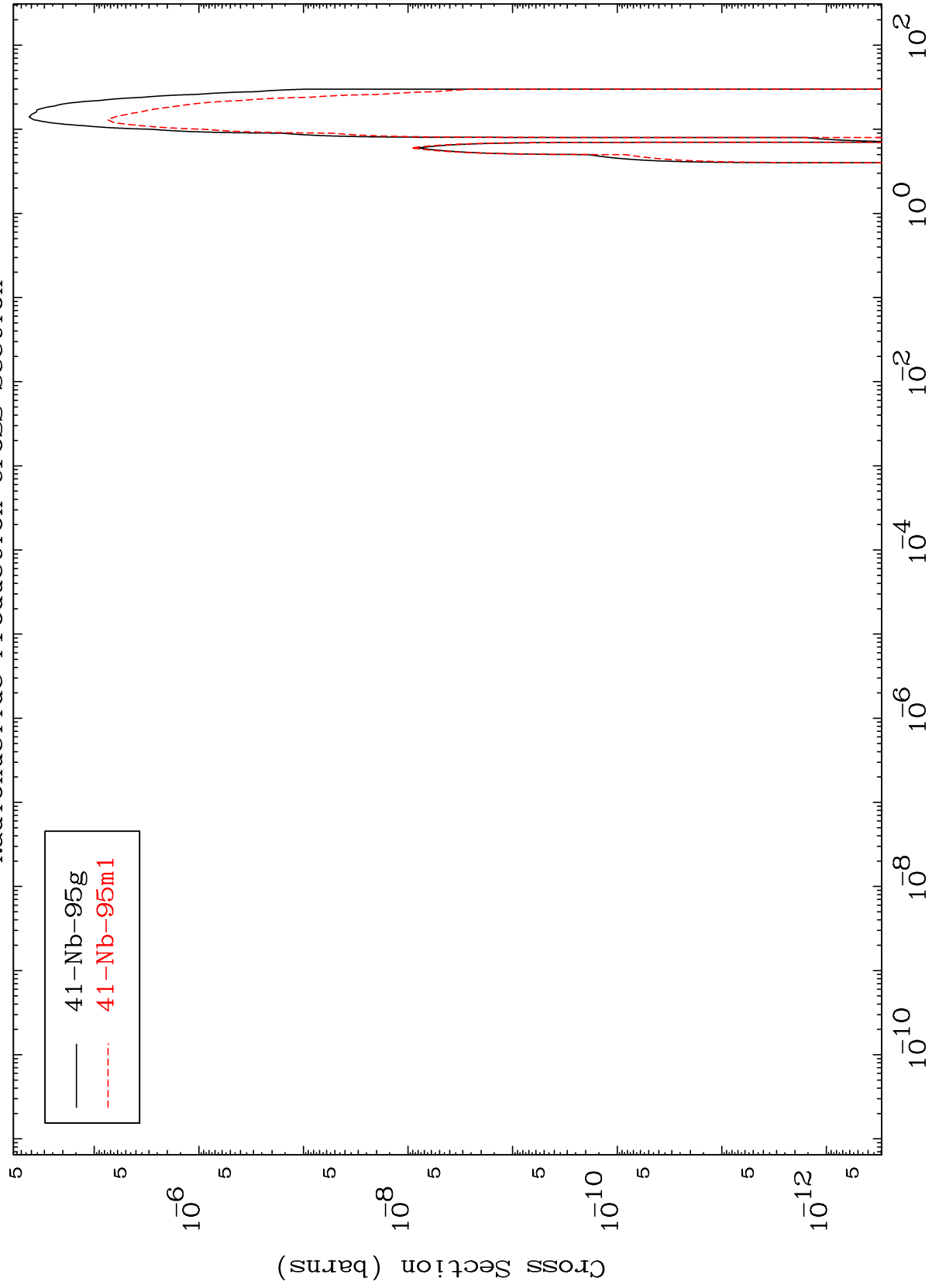
Radionuclide Production Cross Section



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Radionuclide Production Cross Section
(α, γ)

39-Y -91



17

Incident Energy (MeV)

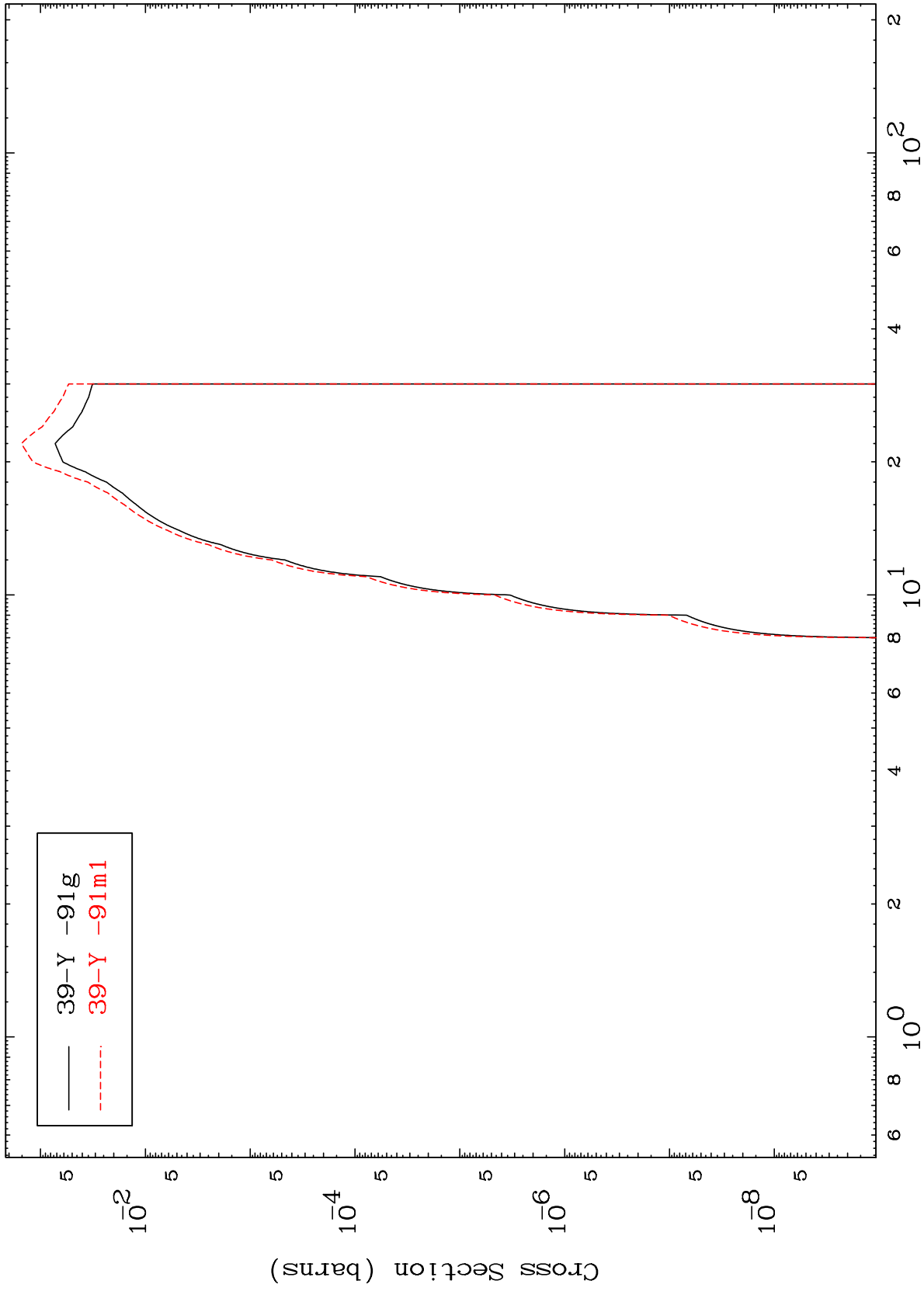
39-Y -91

MAT 3931

(α, α)

39-Y -91

Radionuclide Production Cross Section



18

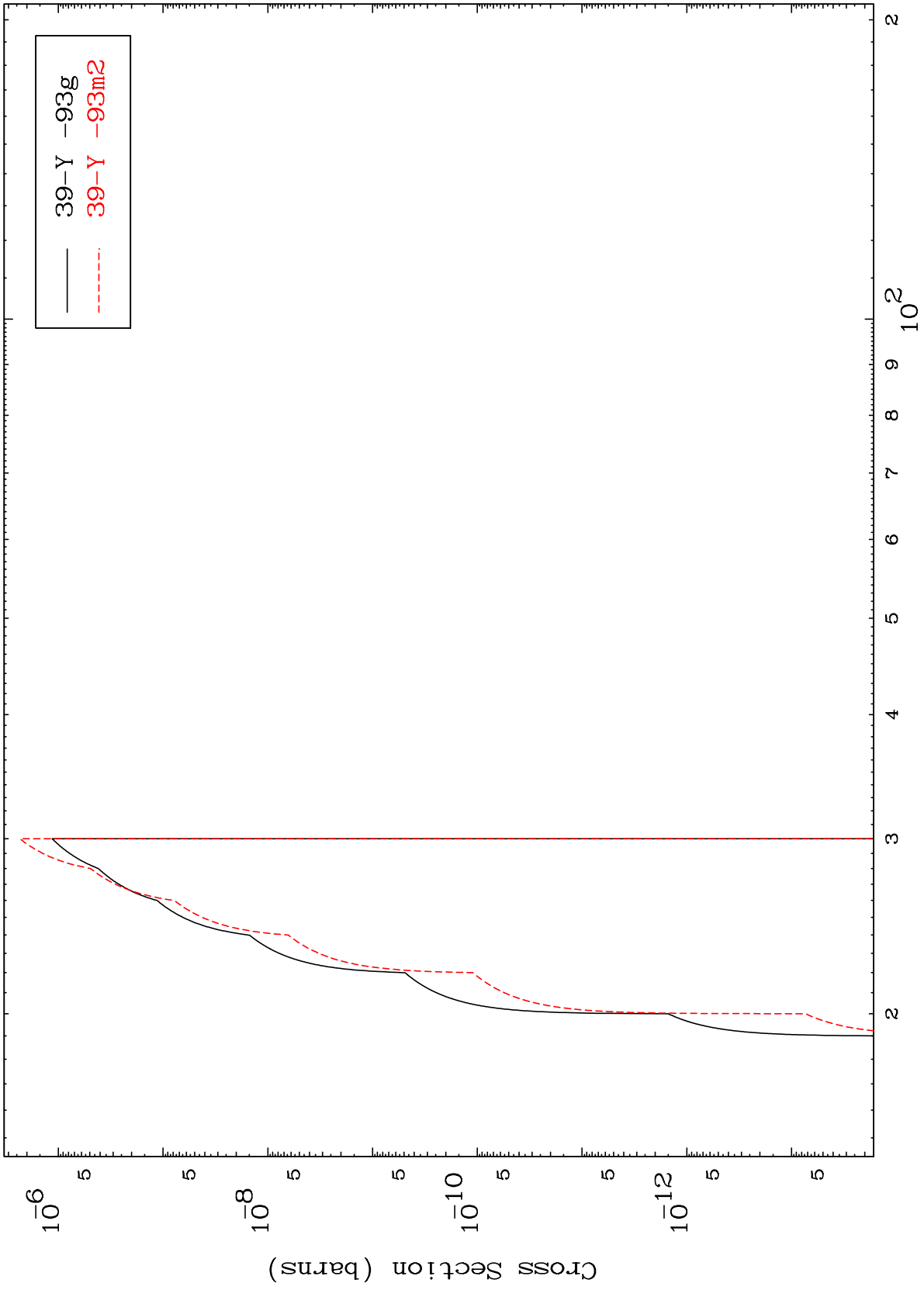
Incident Energy (MeV)

39-Y -91

MAT 3931

39-Y -91

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



19

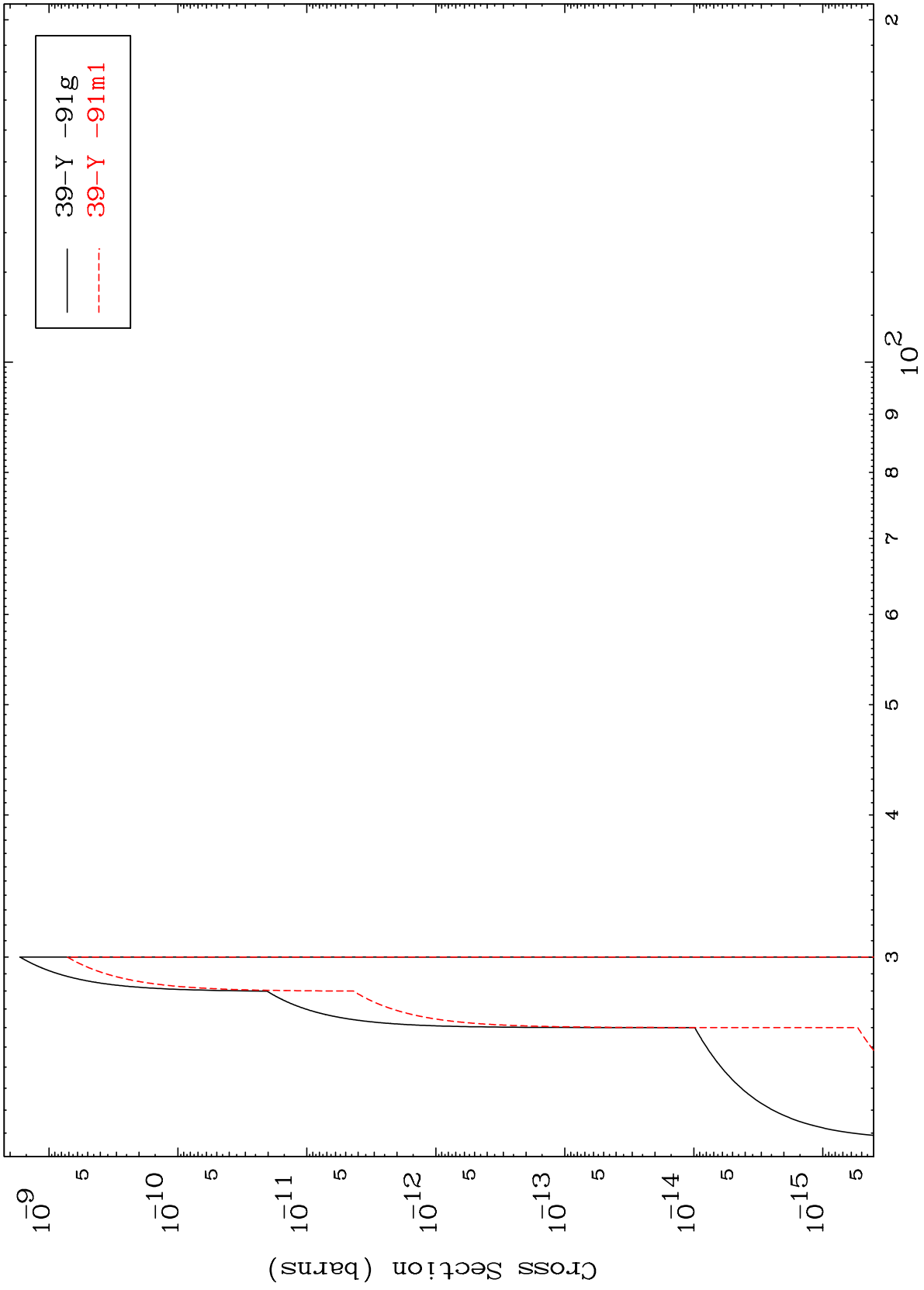
39-Y -91

MAT 3931

(α, p) t

39-Y -91

Radionuclide Production Cross Section



20

Incident Energy (MeV)

39-Y -91