

Program EVALPLOT
(Version 2018-1)

by

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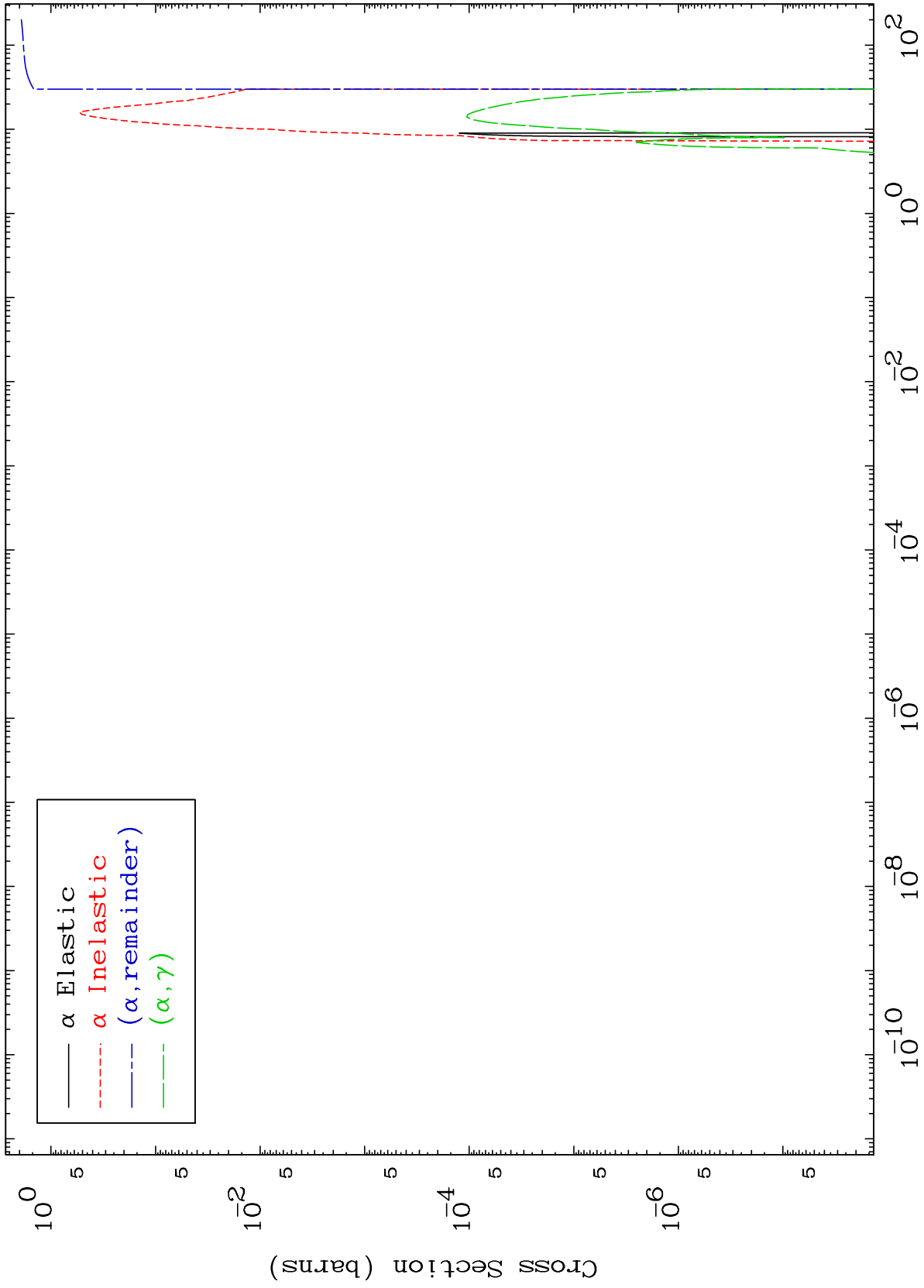
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3925

0 Kelvin α Major

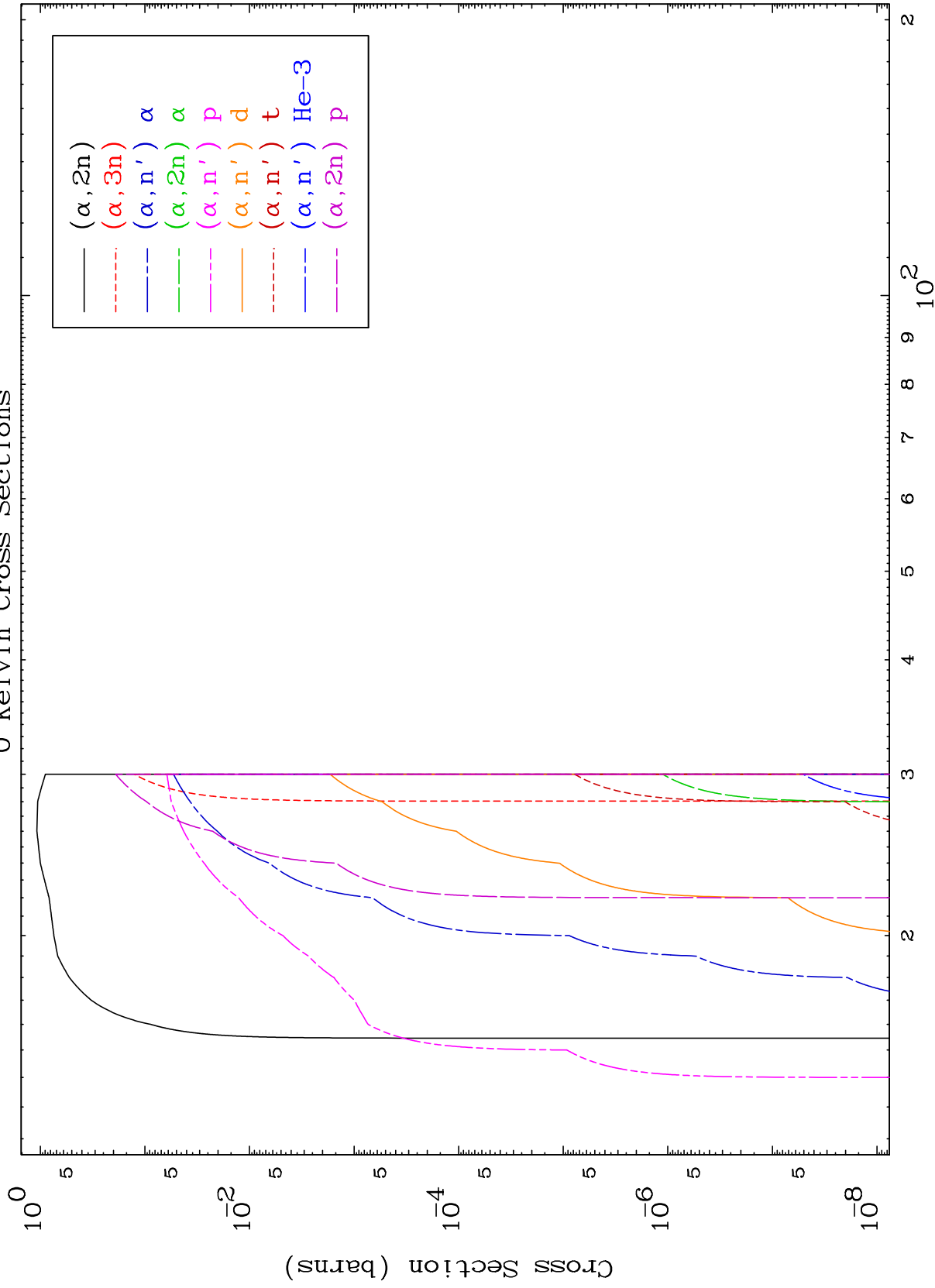
39-Y -89

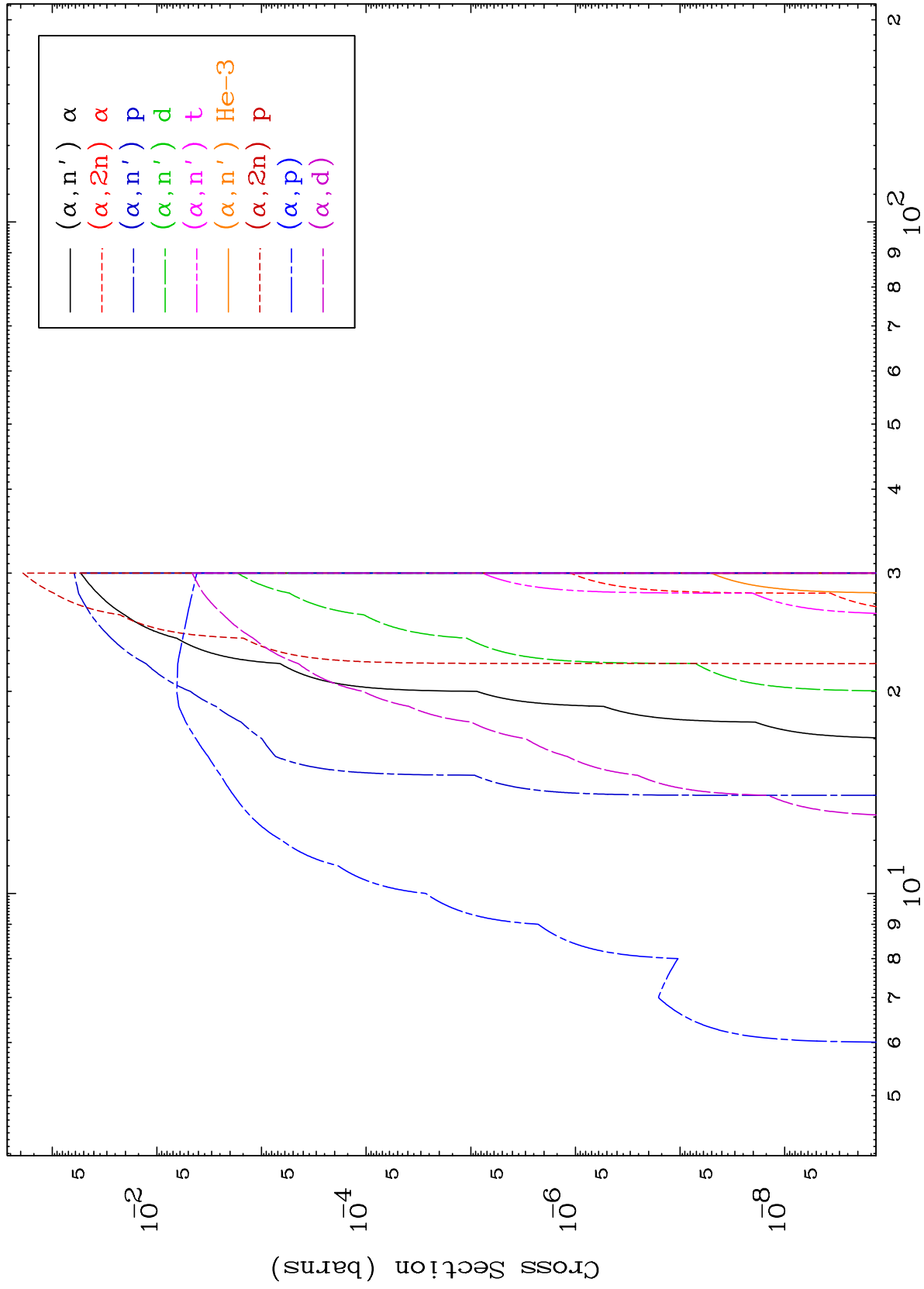


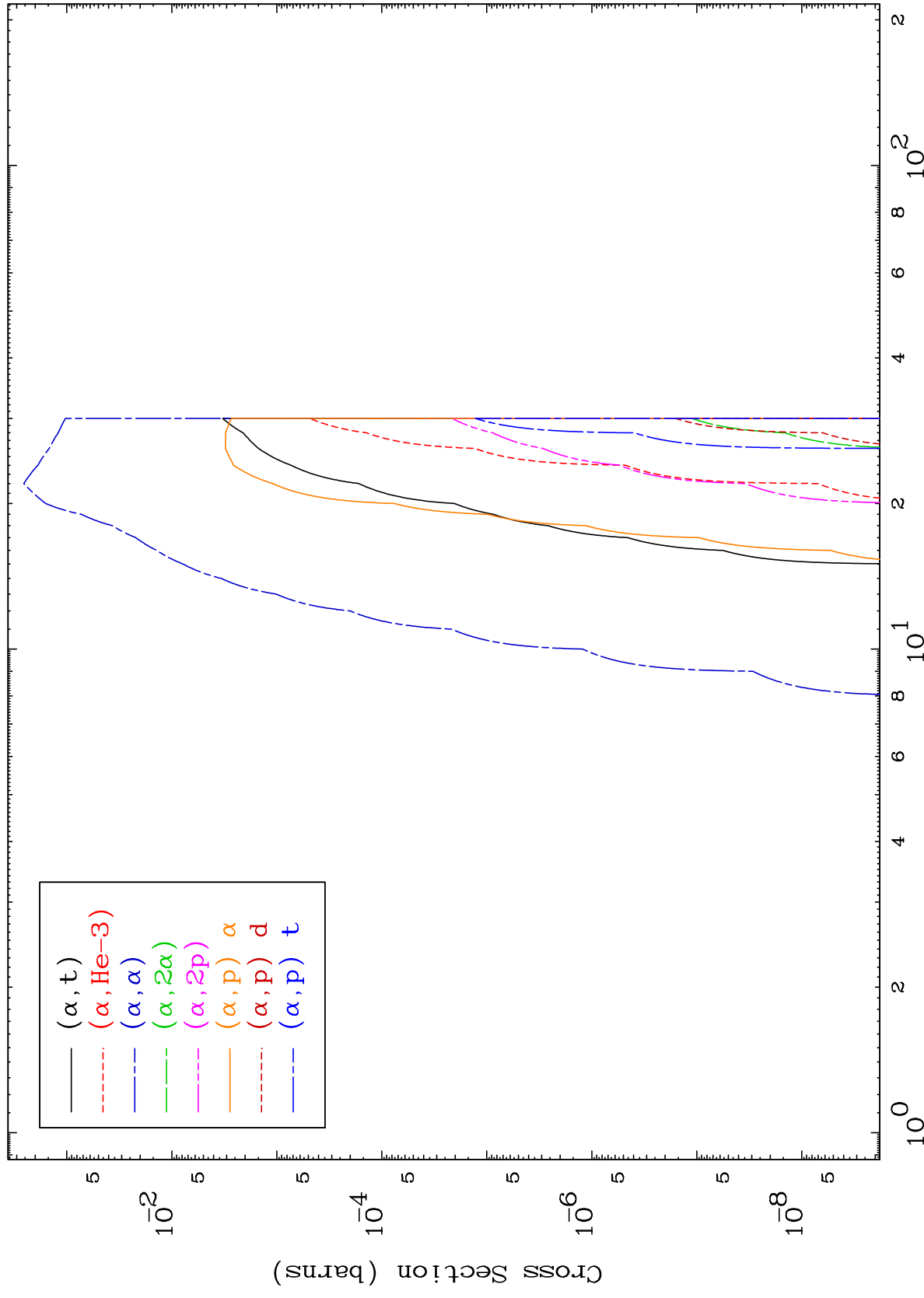
1

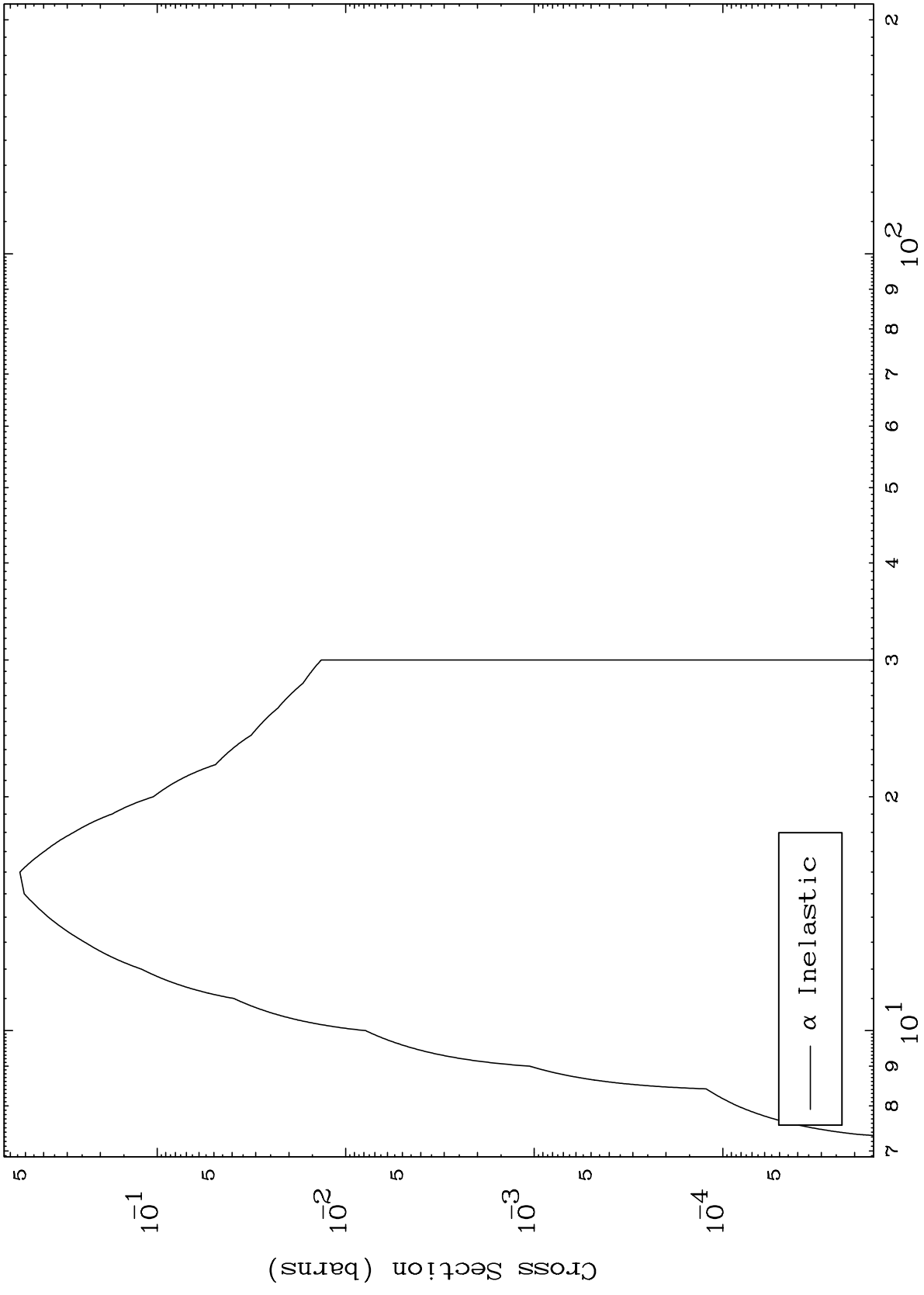
Incident Energy (MeV)

39-Y -89

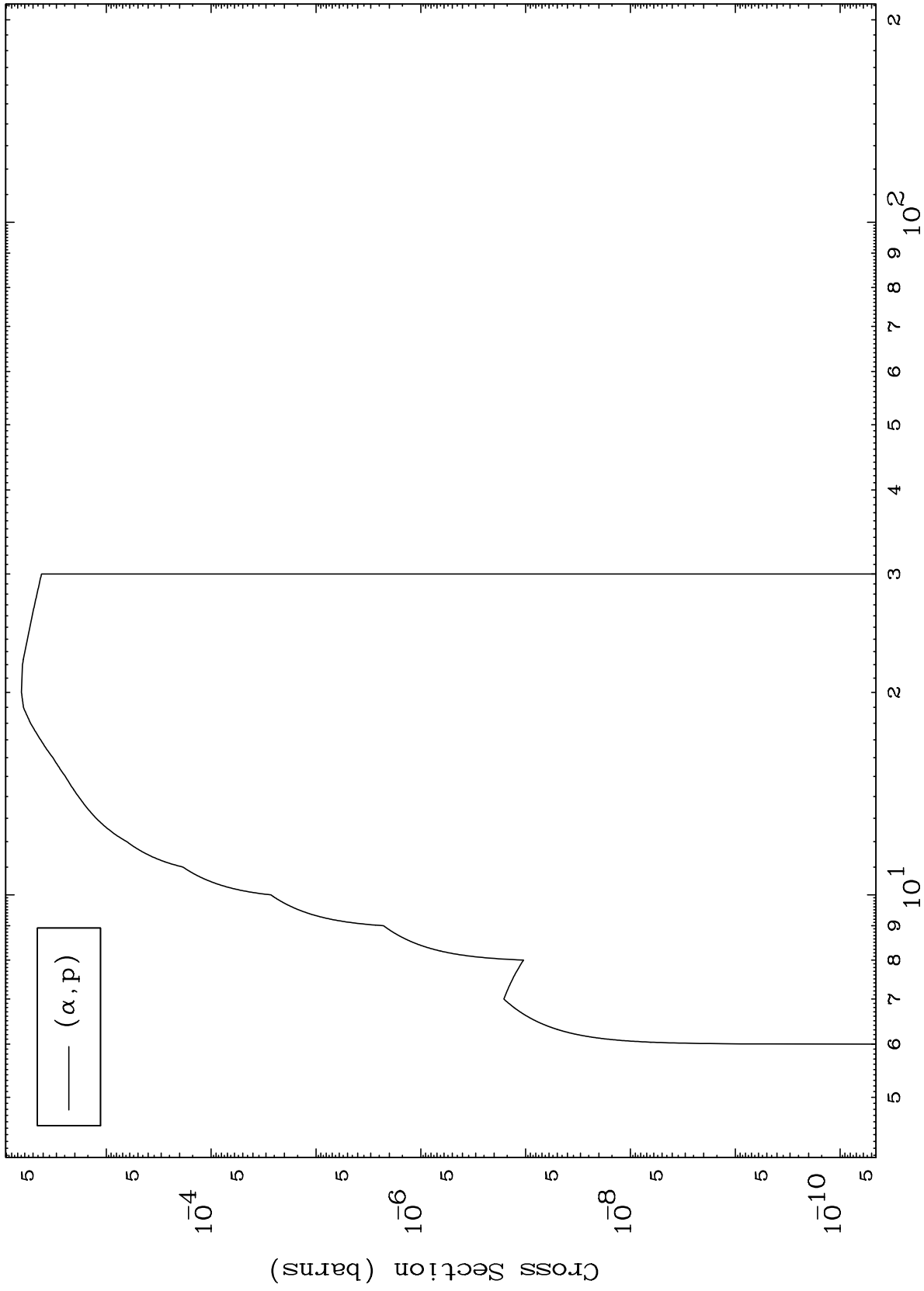


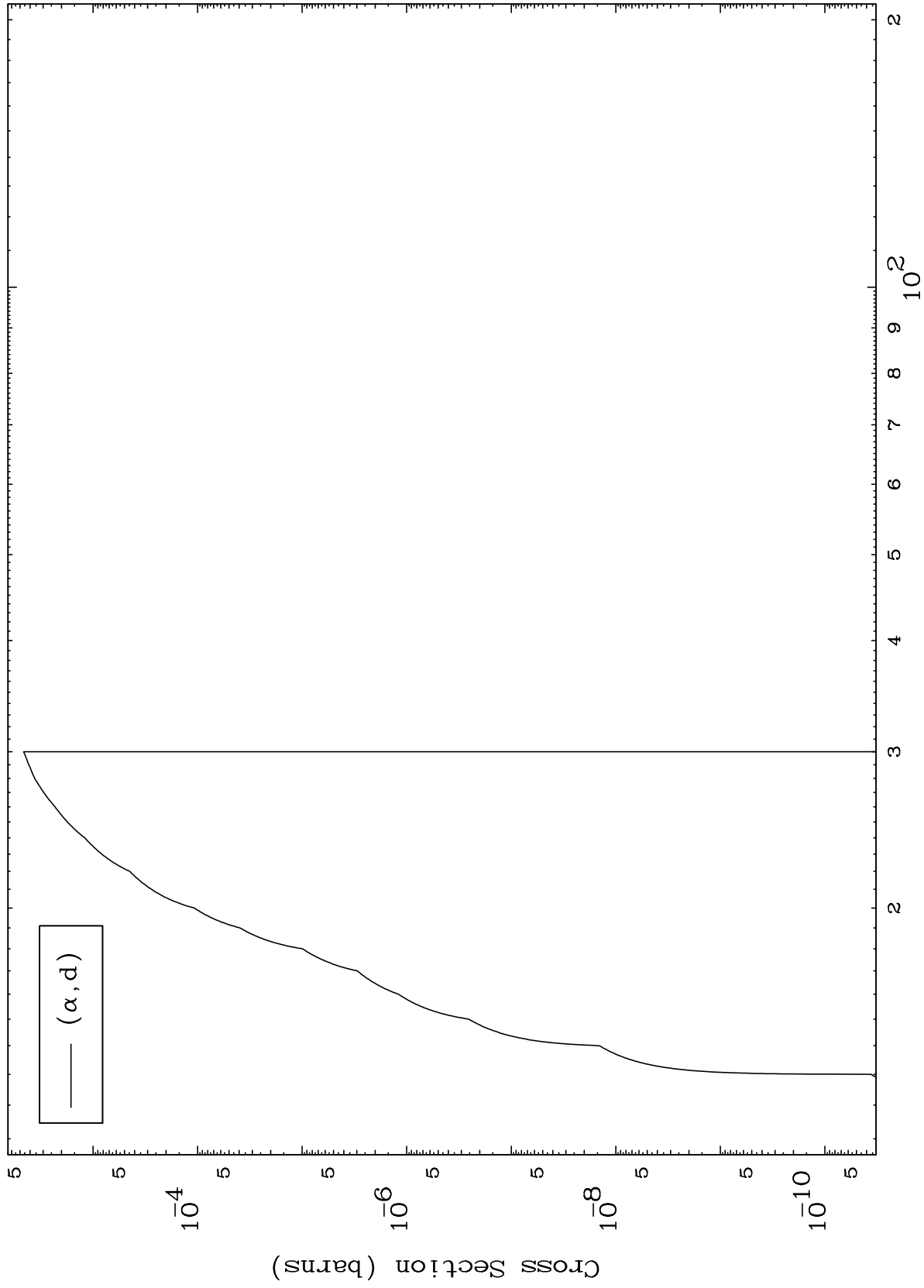


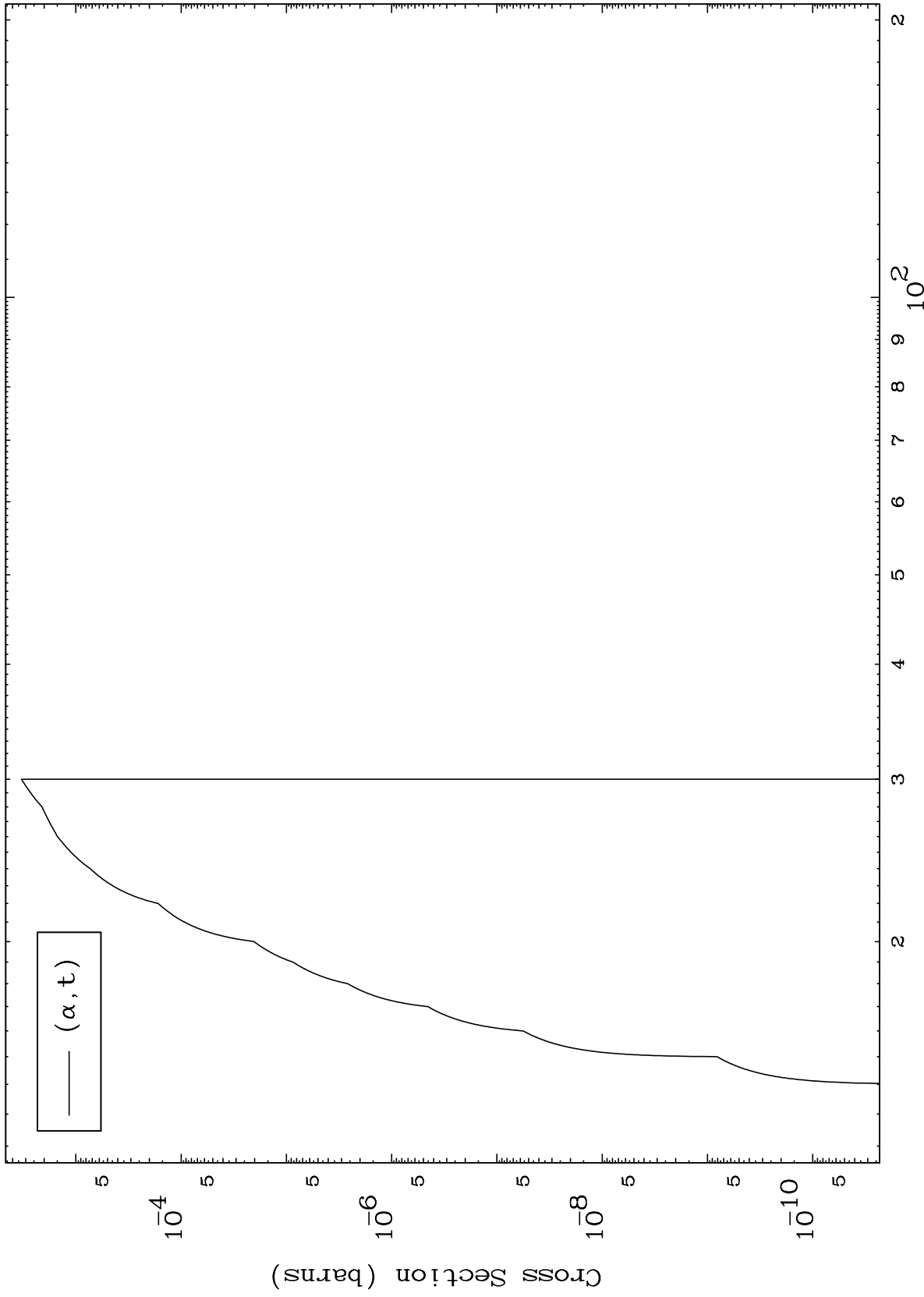


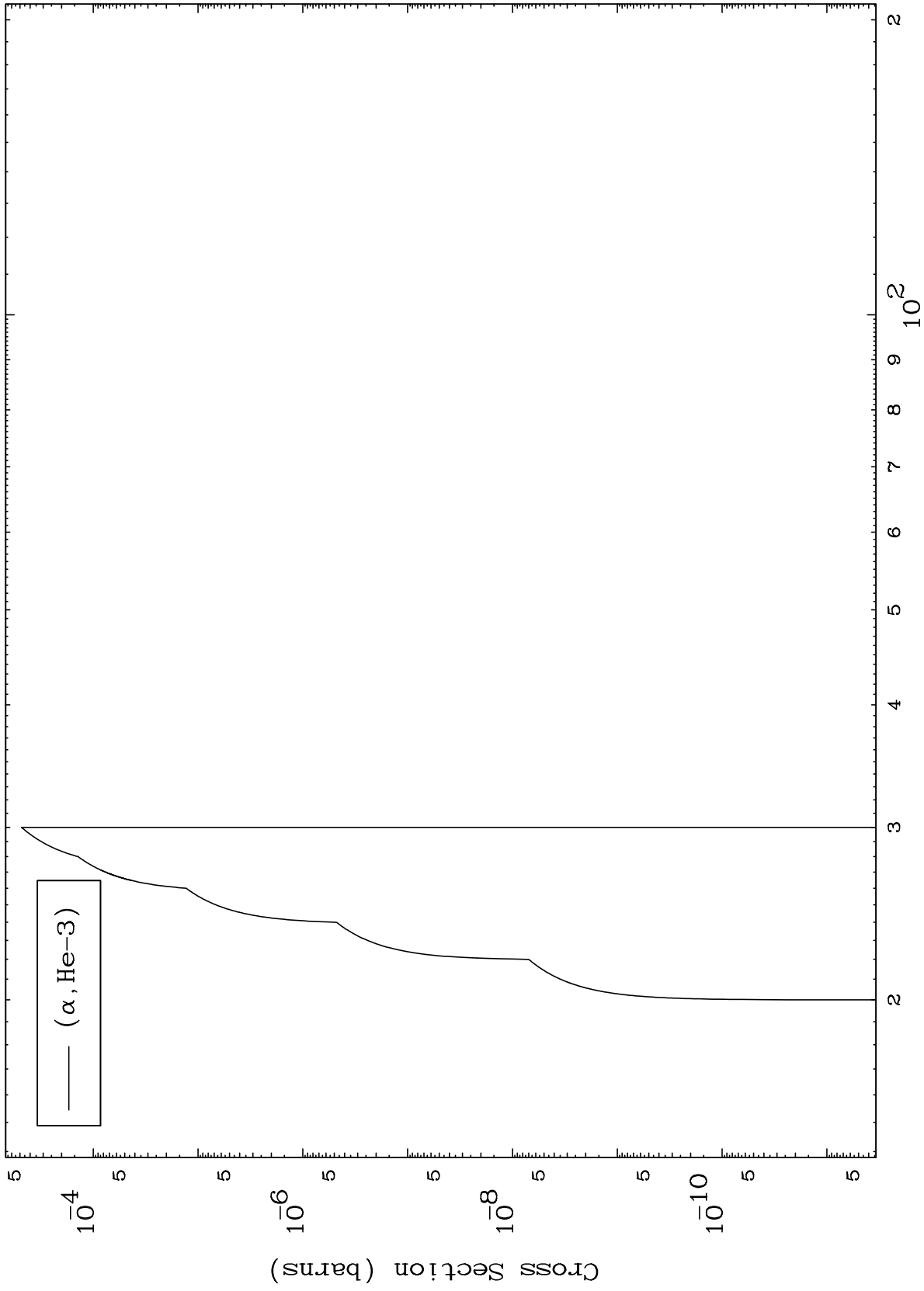


— α Inelastic





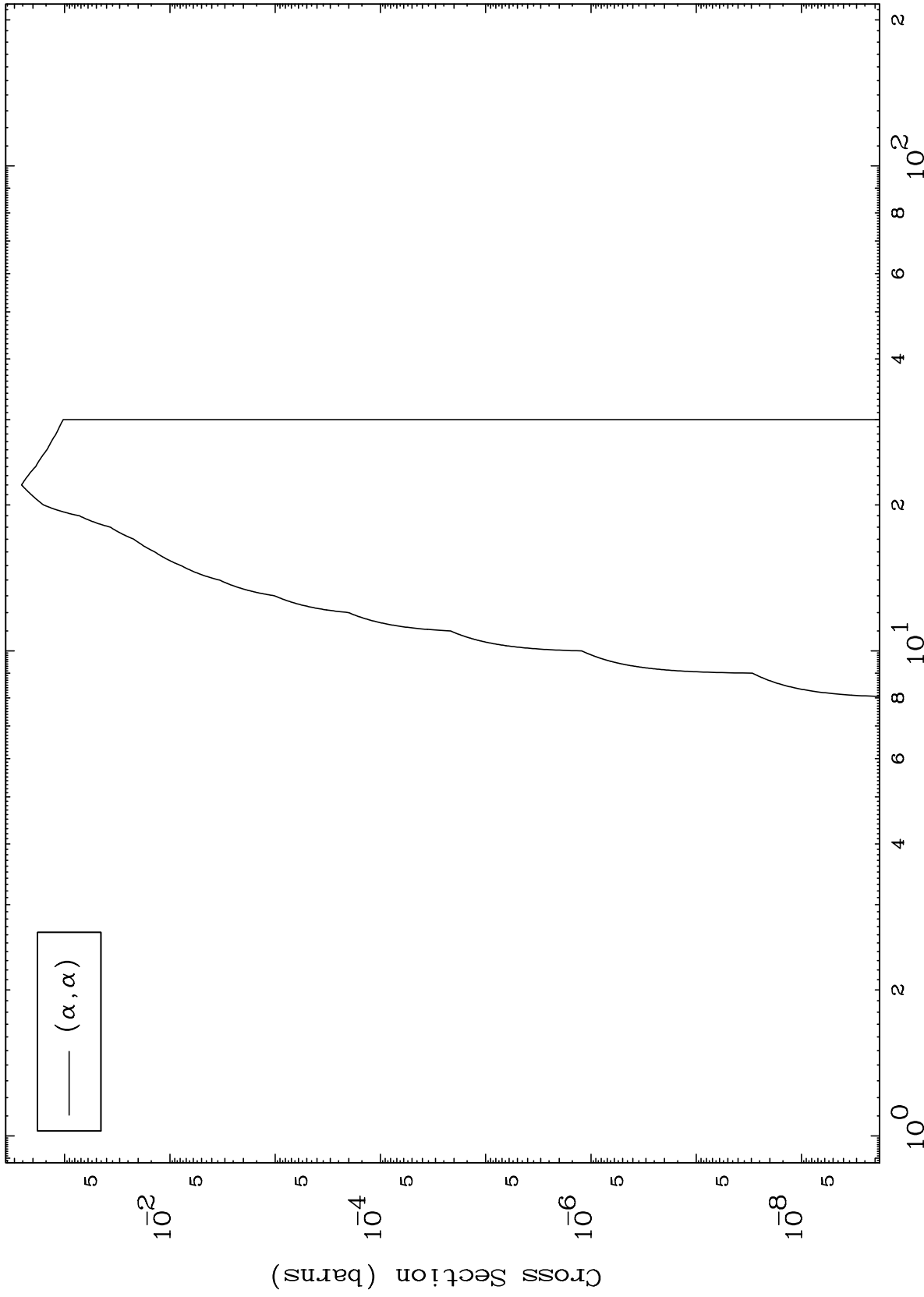




MAT 3925

(α, α) Levels
0 Kelvin Cross Sections

39-Y -89



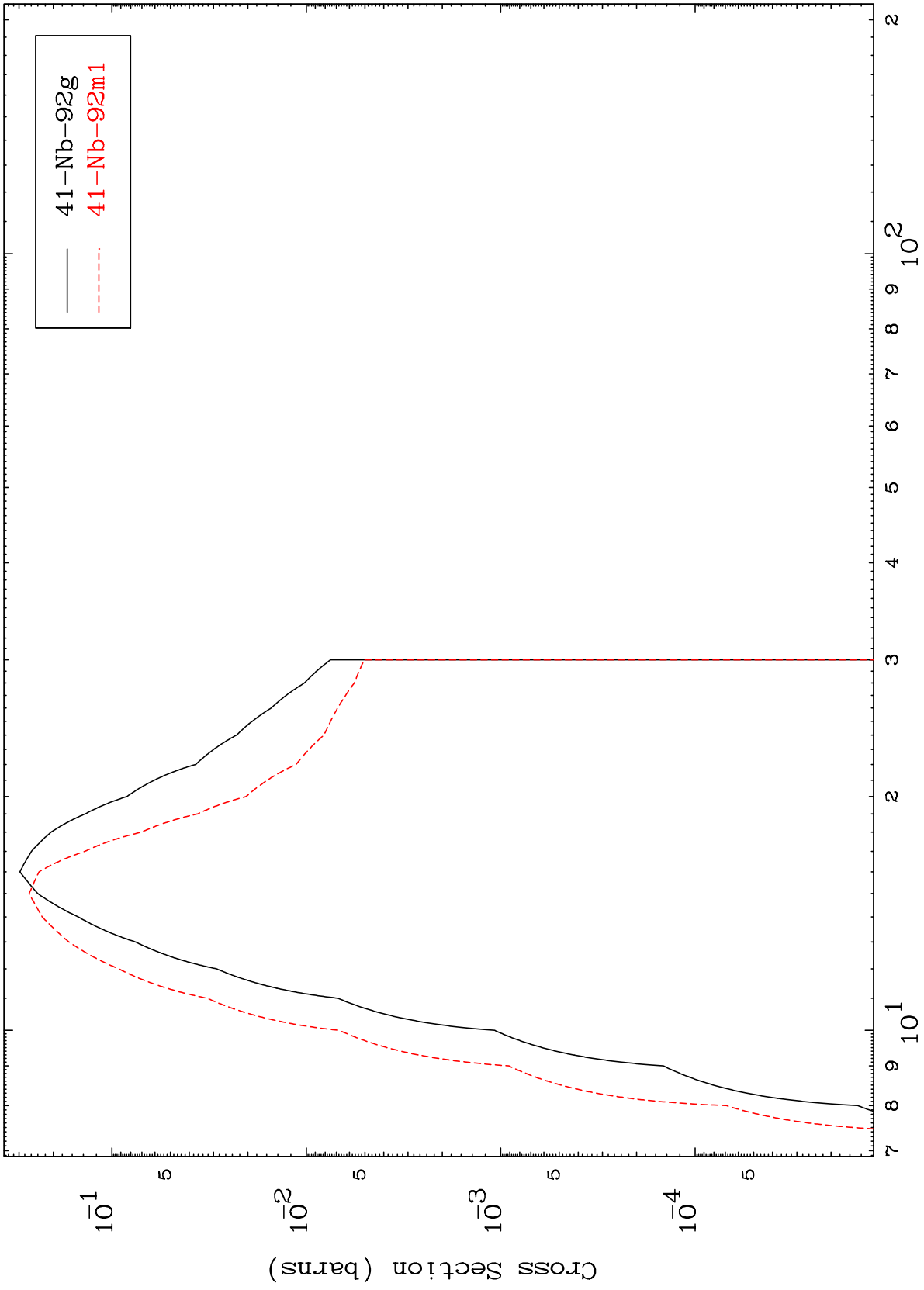
Incident Energy (MeV)

39-Y -89

MAT 3925

39-Y -89

α Inelastic Radionuclide Production Cross Section



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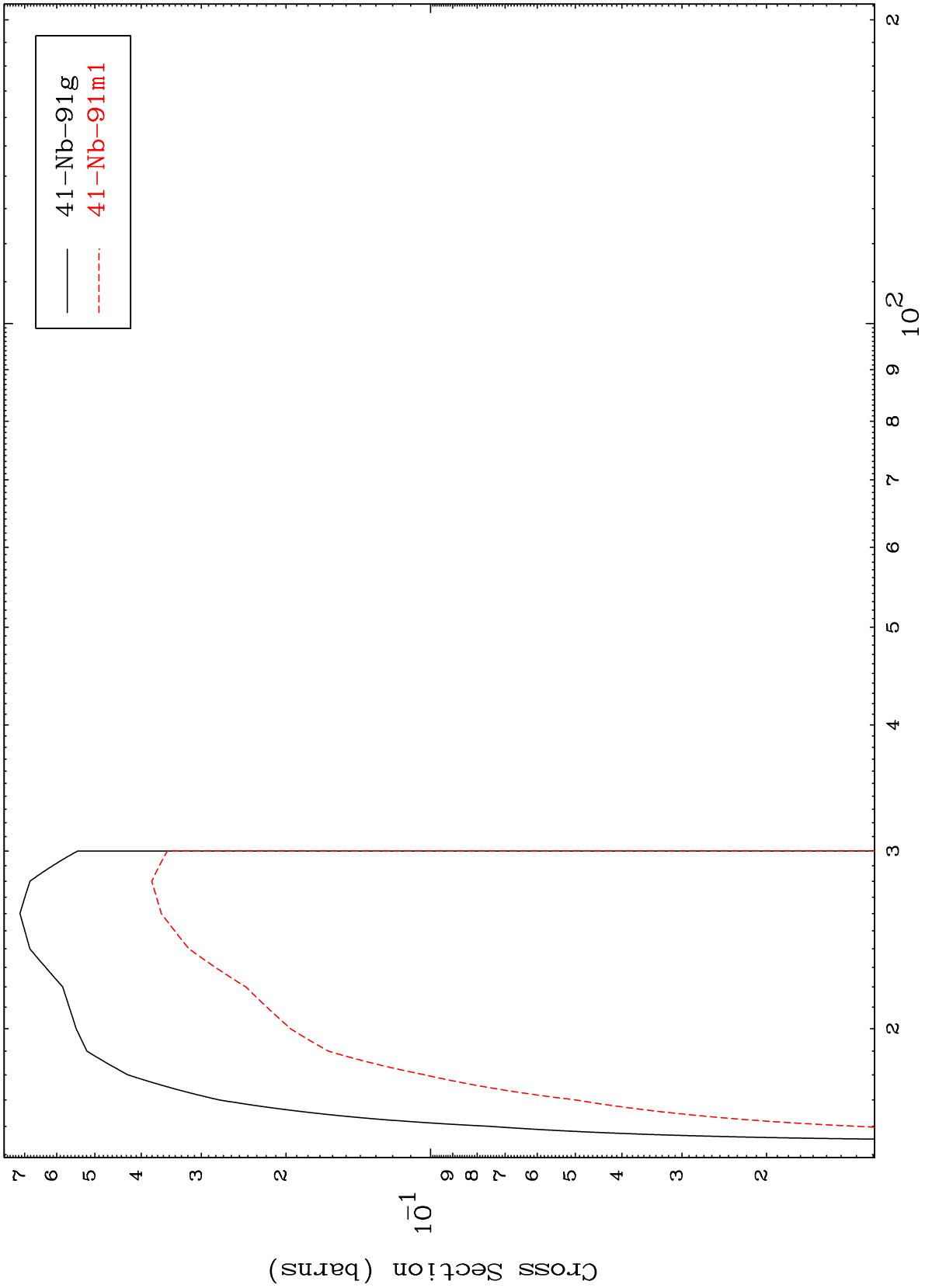
Incident Energy (MeV)

39-Y -89

MAT 3925

39-Y -89

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



— 41-Nb-91g
- - - 41-Nb-91m1

12

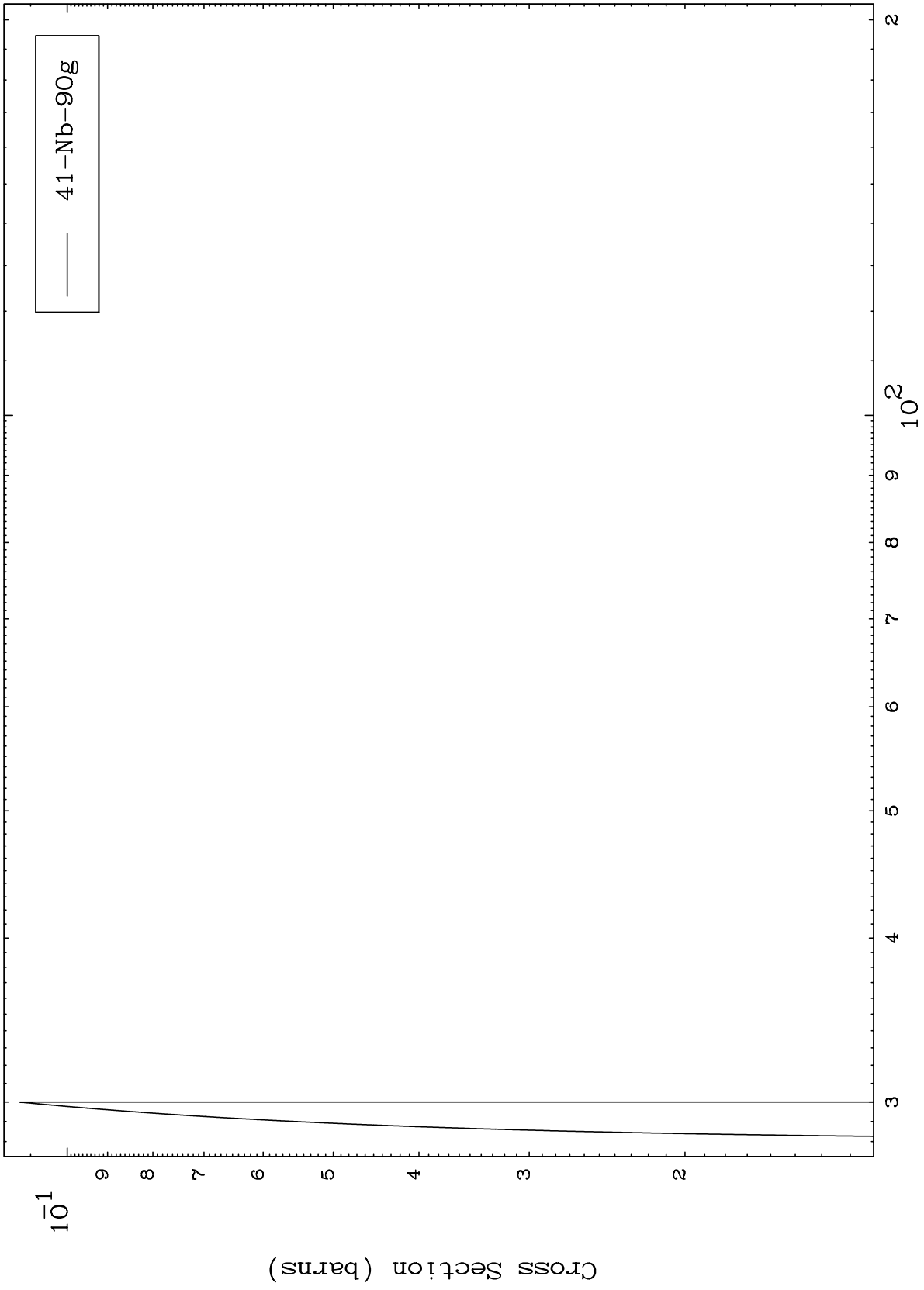
Incident Energy (MeV)

39-Y -89

MAT 3925

39-Y -89

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



13

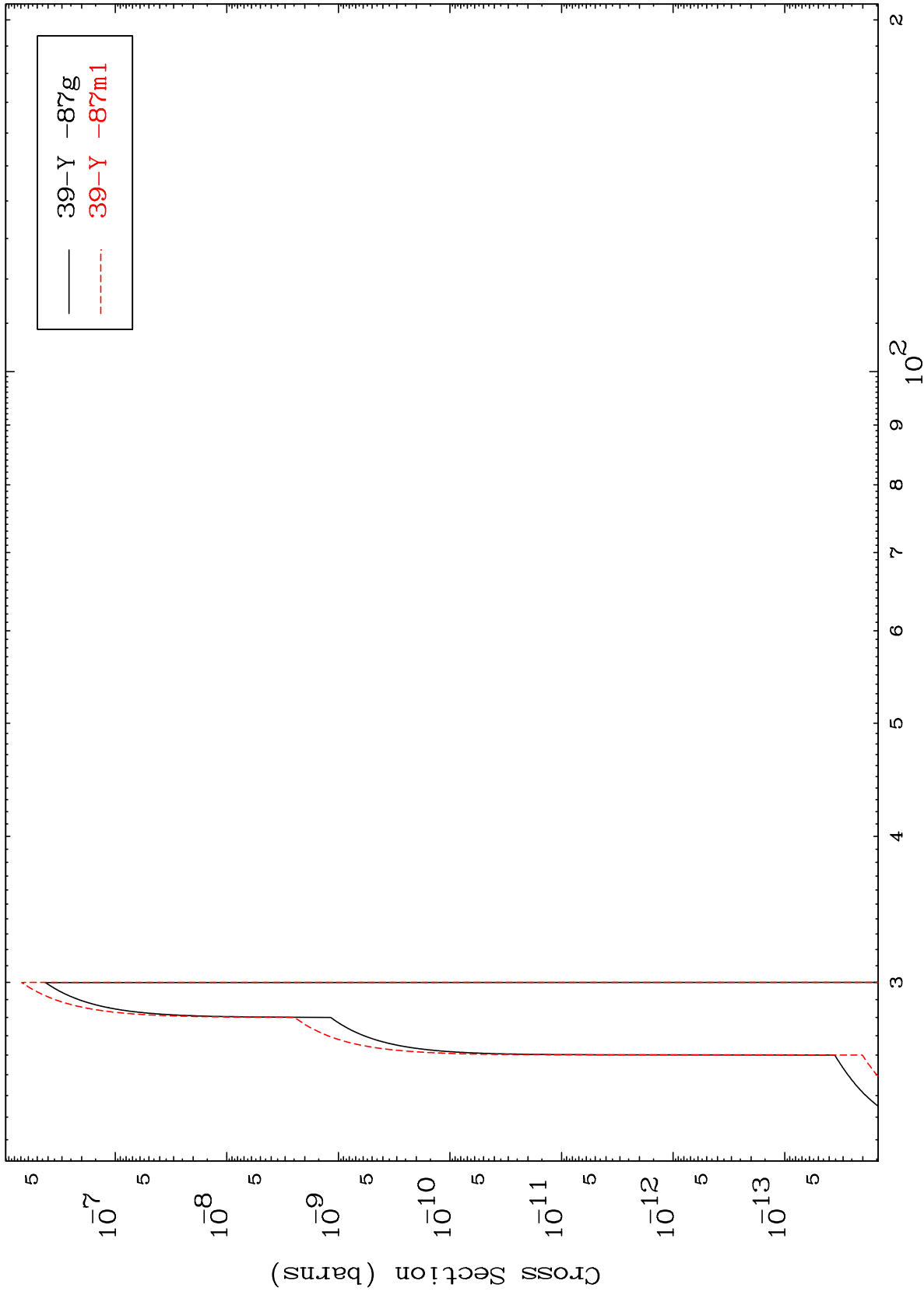
39-Y -89

MAT 3925

$(\alpha, 2n) \alpha$

39-Y -89

Radionuclide Production Cross Section



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Incident Energy (MeV)

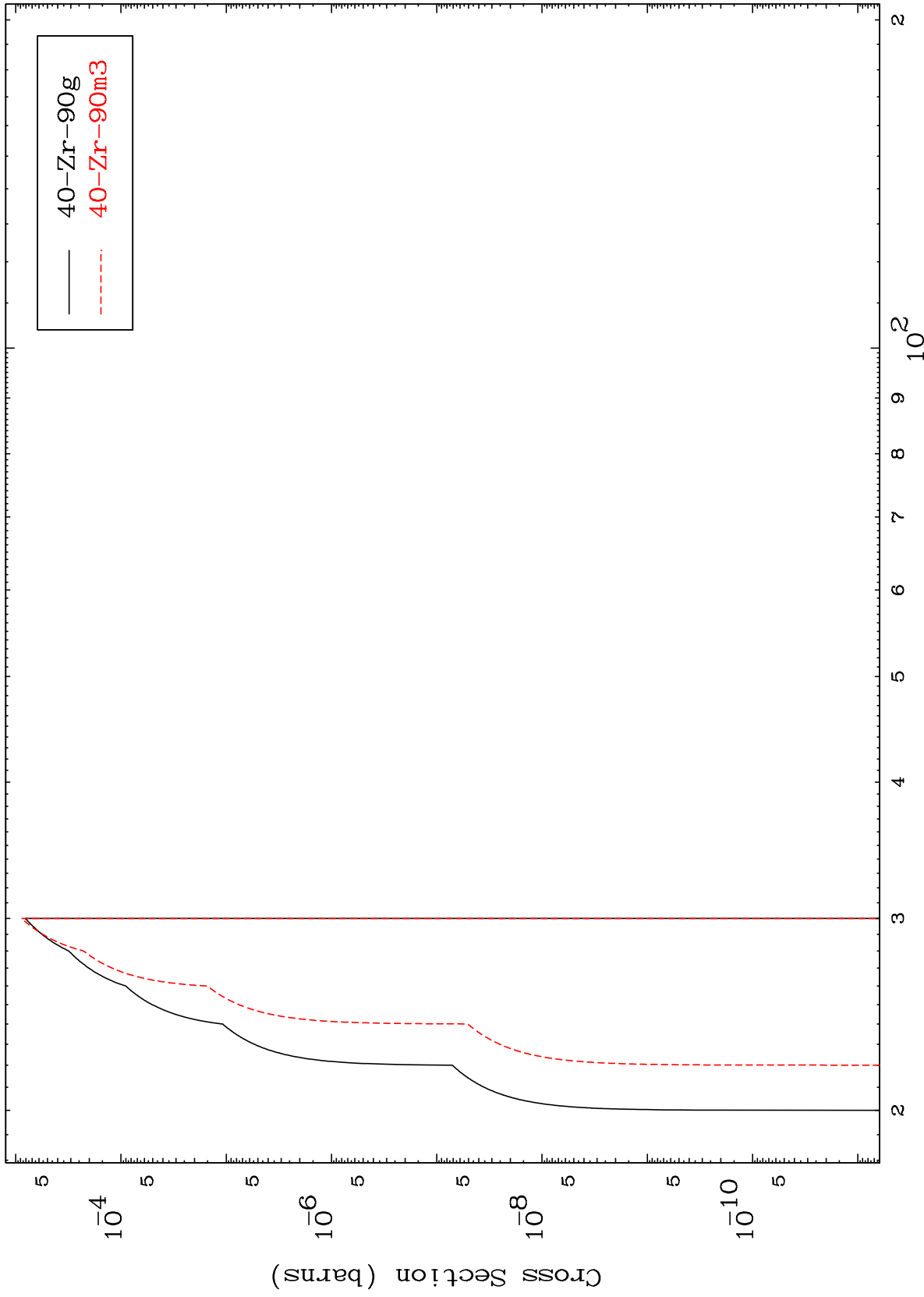
39-Y -89

MAT 3925

(α, n') d

39-Y -89

Radionuclide Production Cross Section

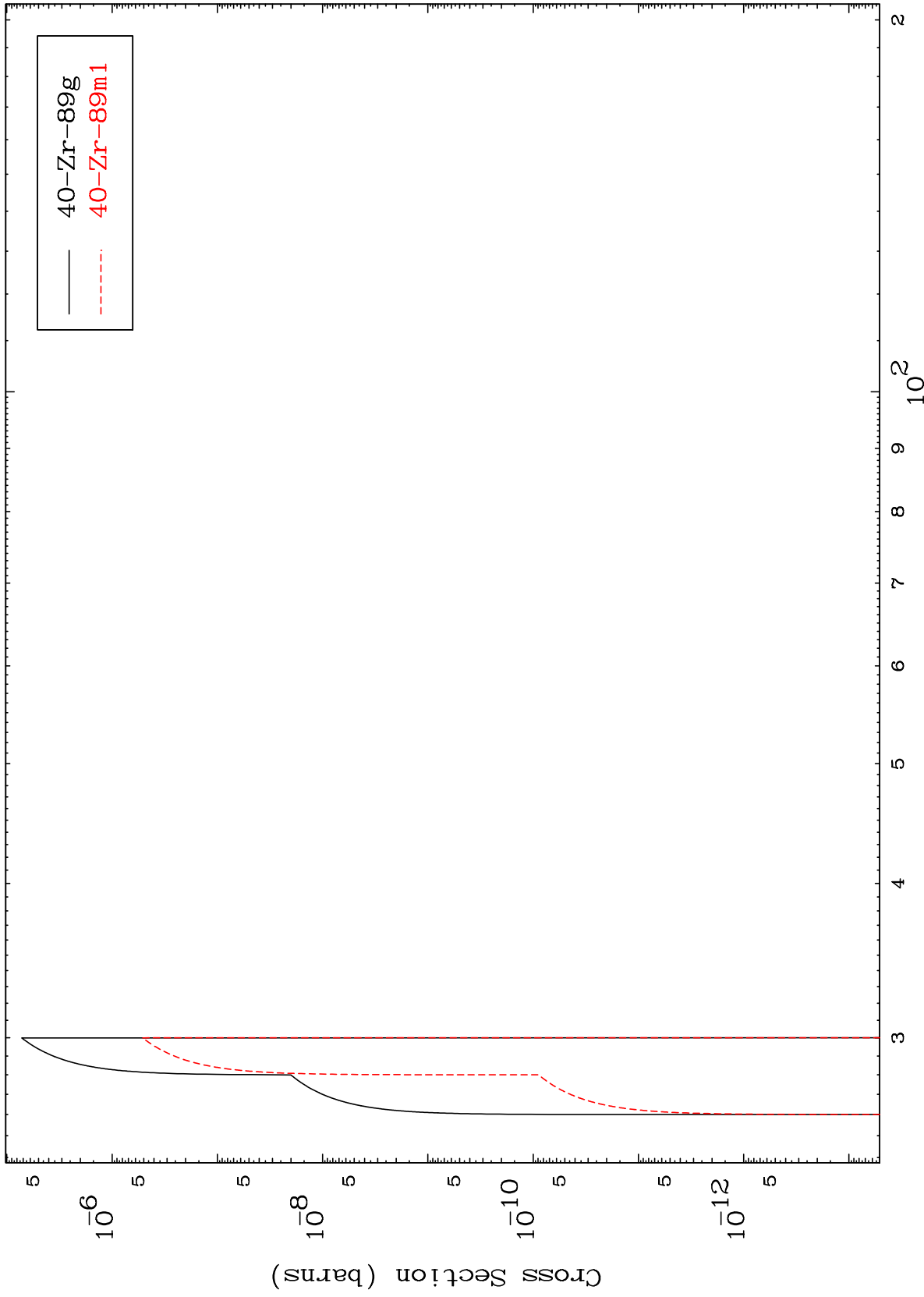


15

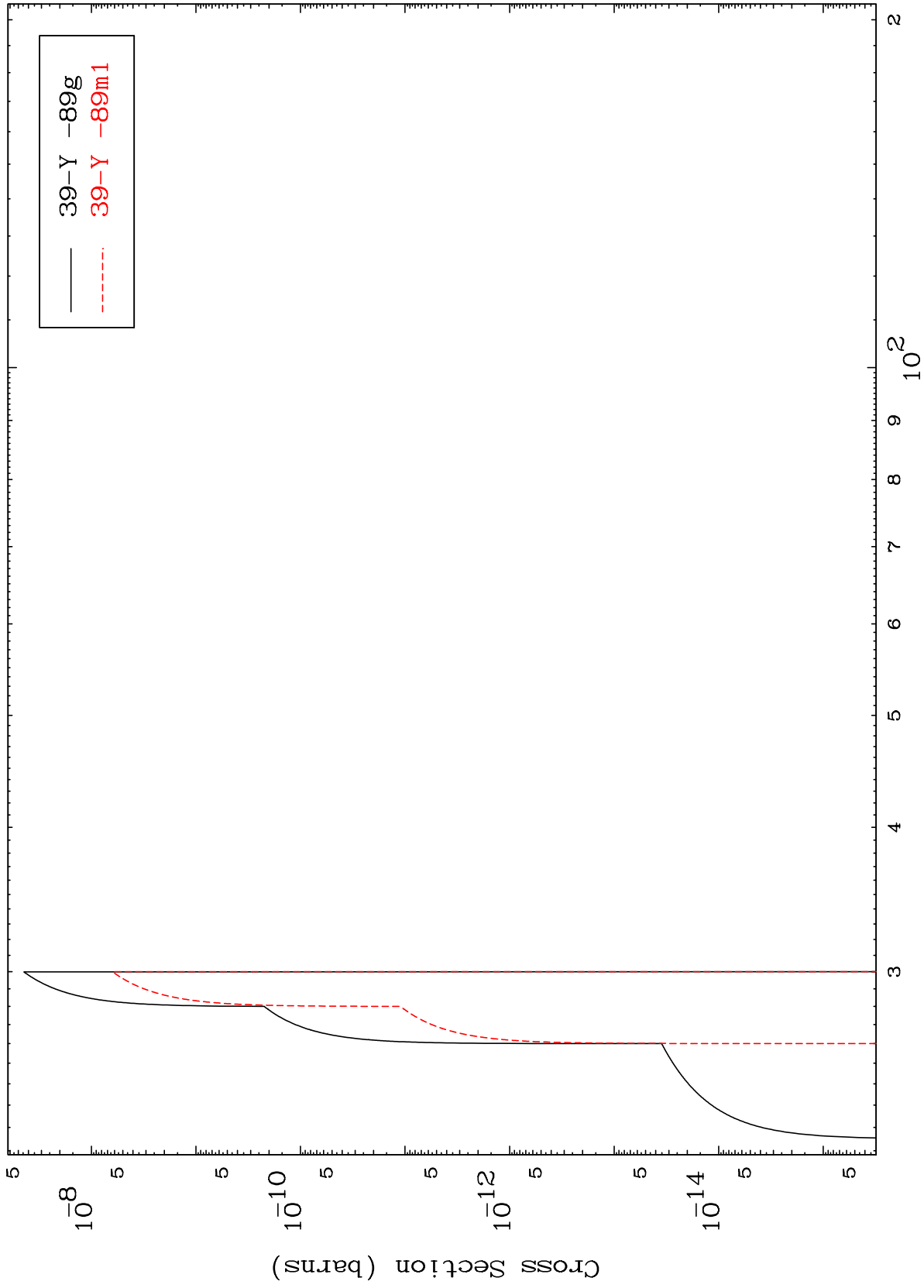
Incident Energy (MeV)

39-Y -89

Radionuclide Production Cross Section



Radionuclide Production Cross Section

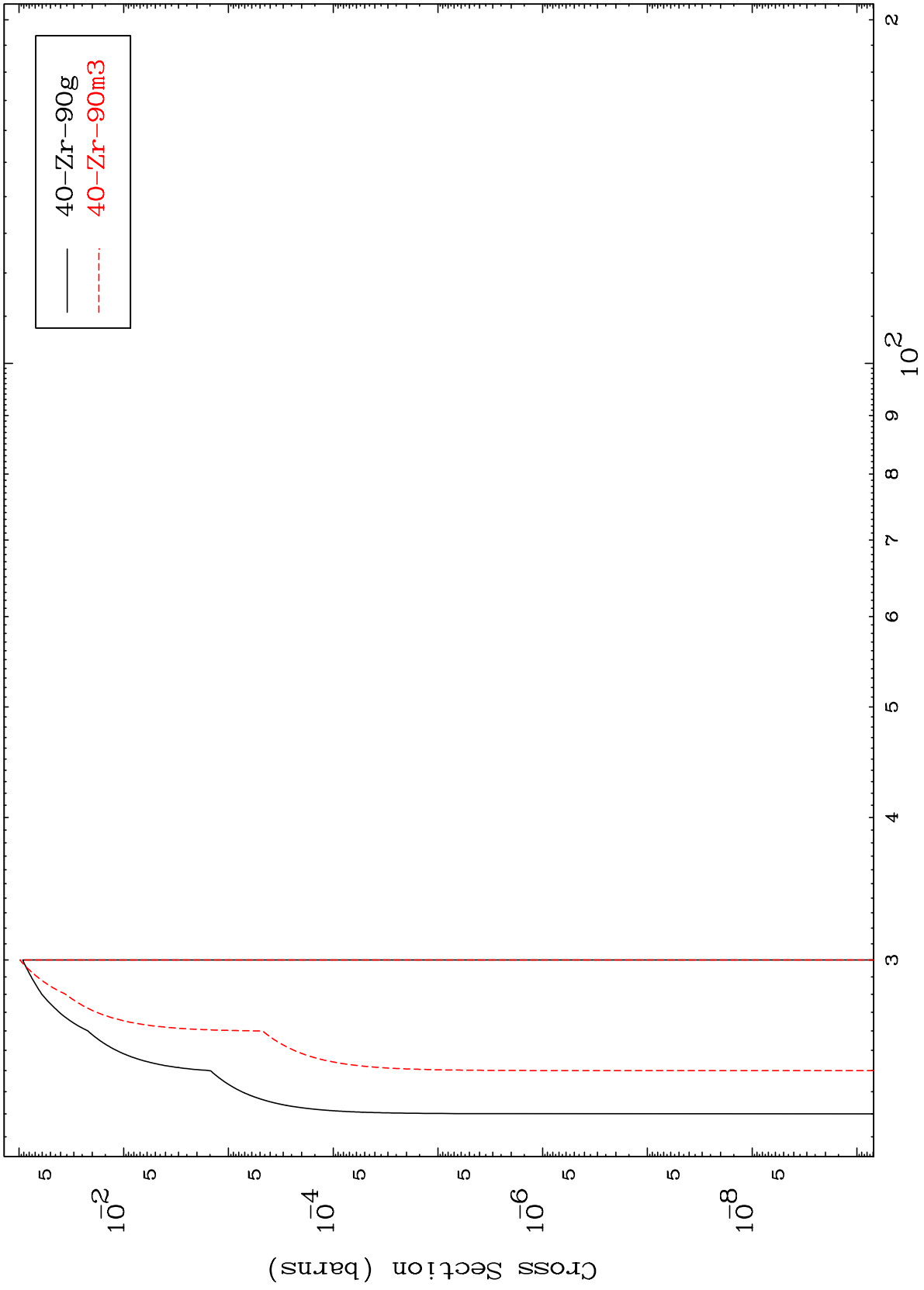


MAT 3925

($\alpha, 2n$) p

39-Y -89

Radionuclide Production Cross Section



18

Incident Energy (MeV)

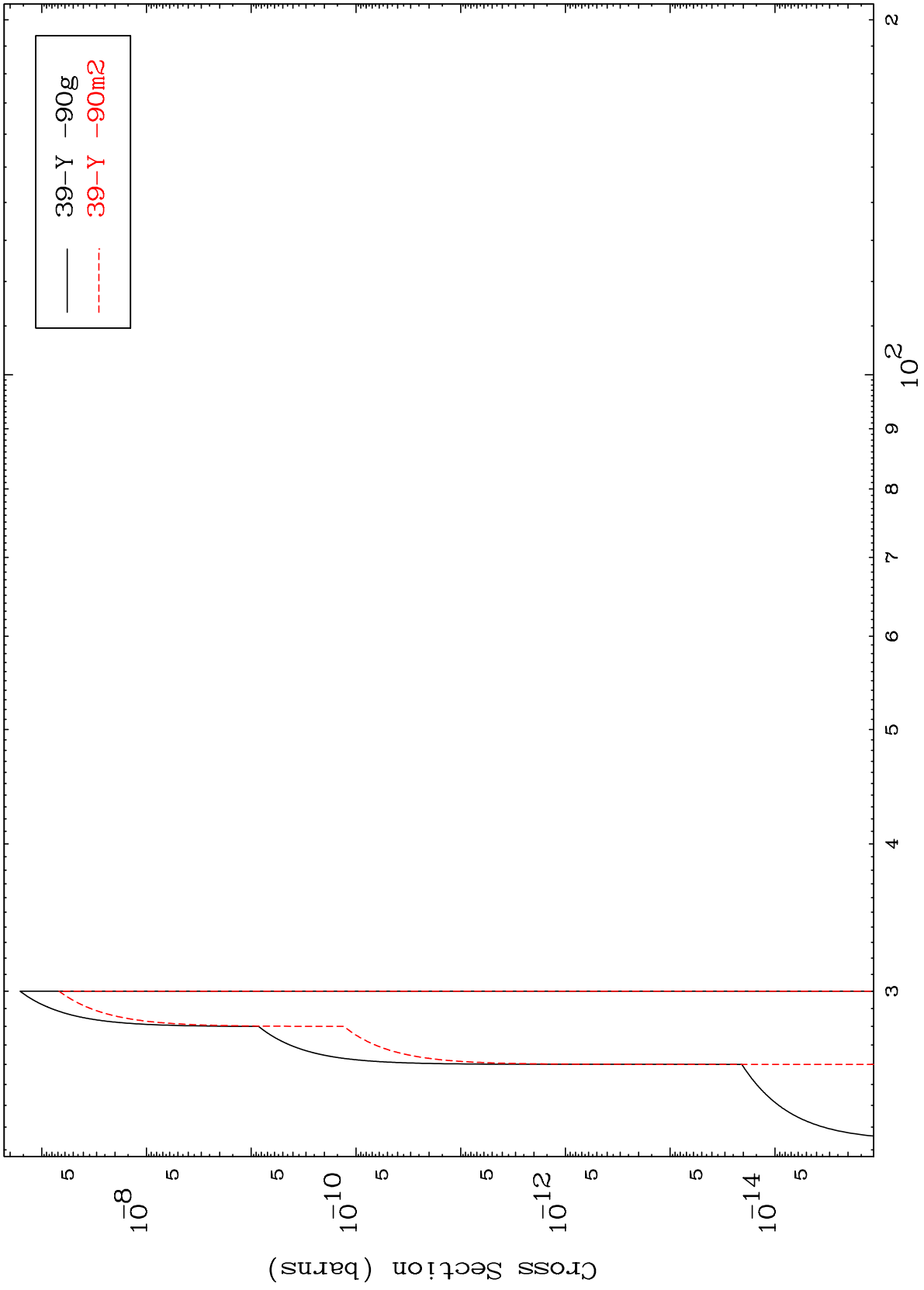
39-Y -89

MAT 3925

$(\alpha, 2n)$ p

39-Y -89

Radionuclide Production Cross Section



19

Incident Energy (MeV)

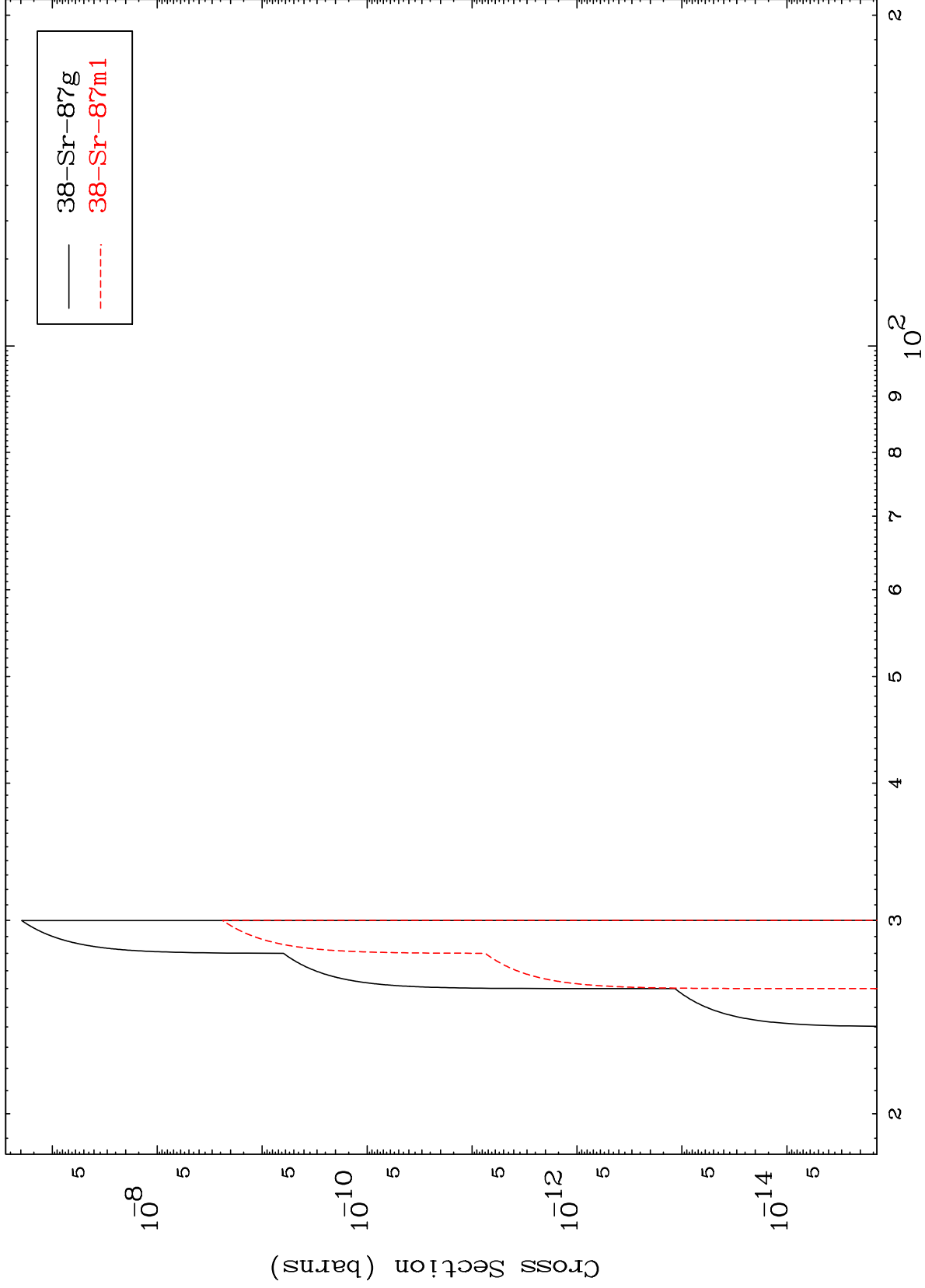
39-Y -89

MAT 3925

(α, n') p α

39-Y -89

Radionuclide Production Cross Section



20

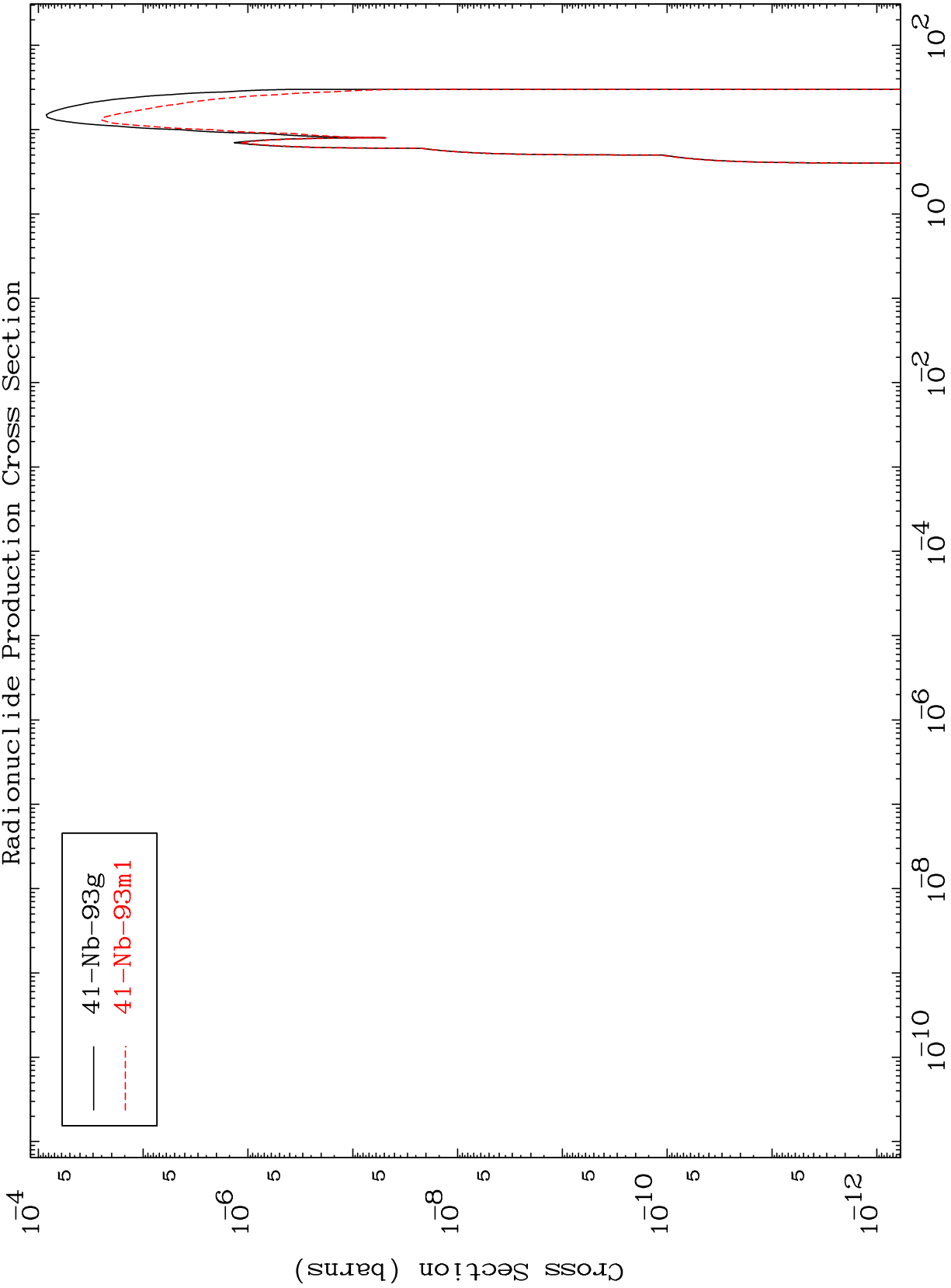
Incident Energy (MeV)

39-Y -89

MAT 3925

39-Y -89

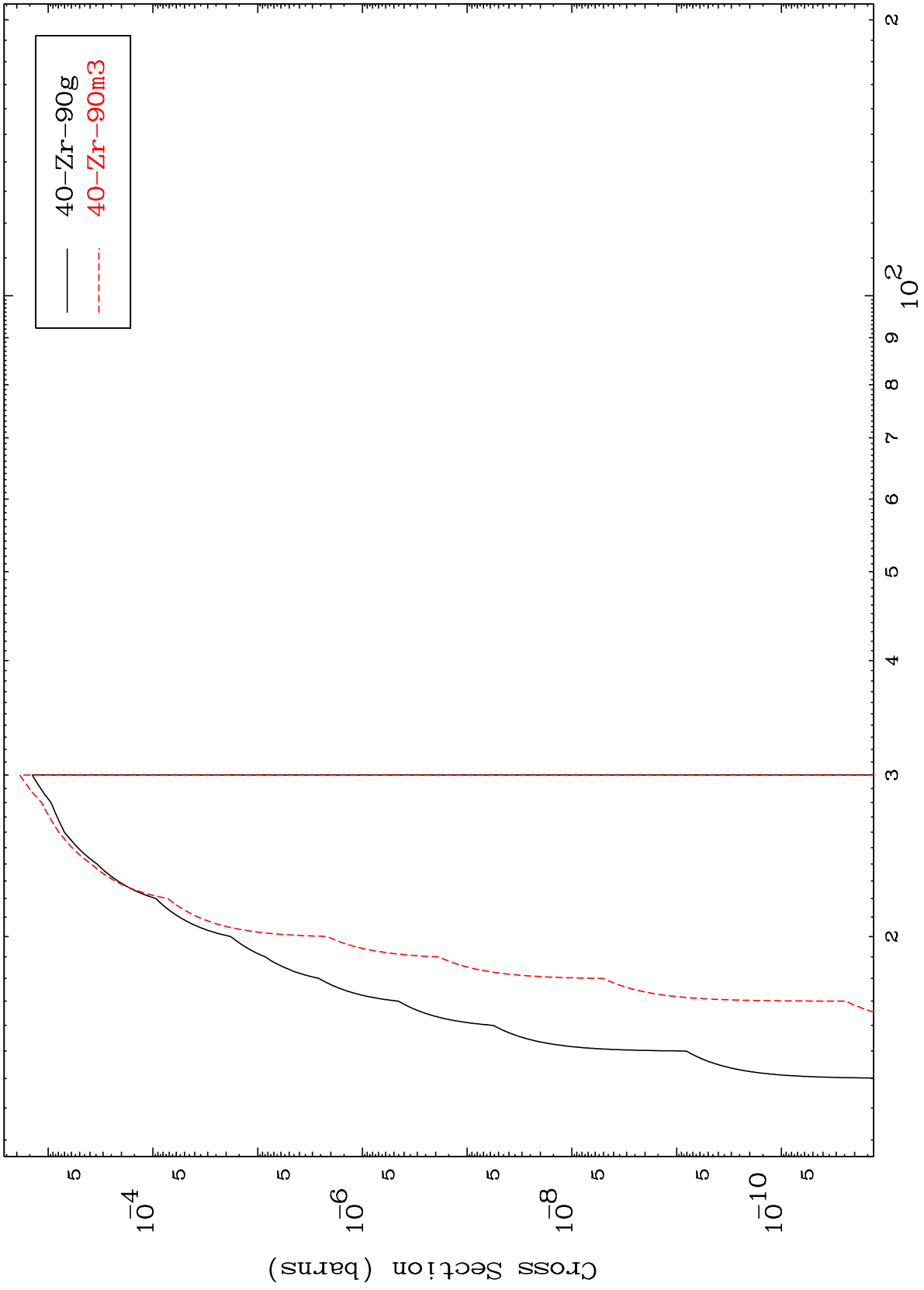
Radionuclide Production Cross Section
(α, γ)



21

39-Y -89

(α, t)
Radionuclide Production Cross Section

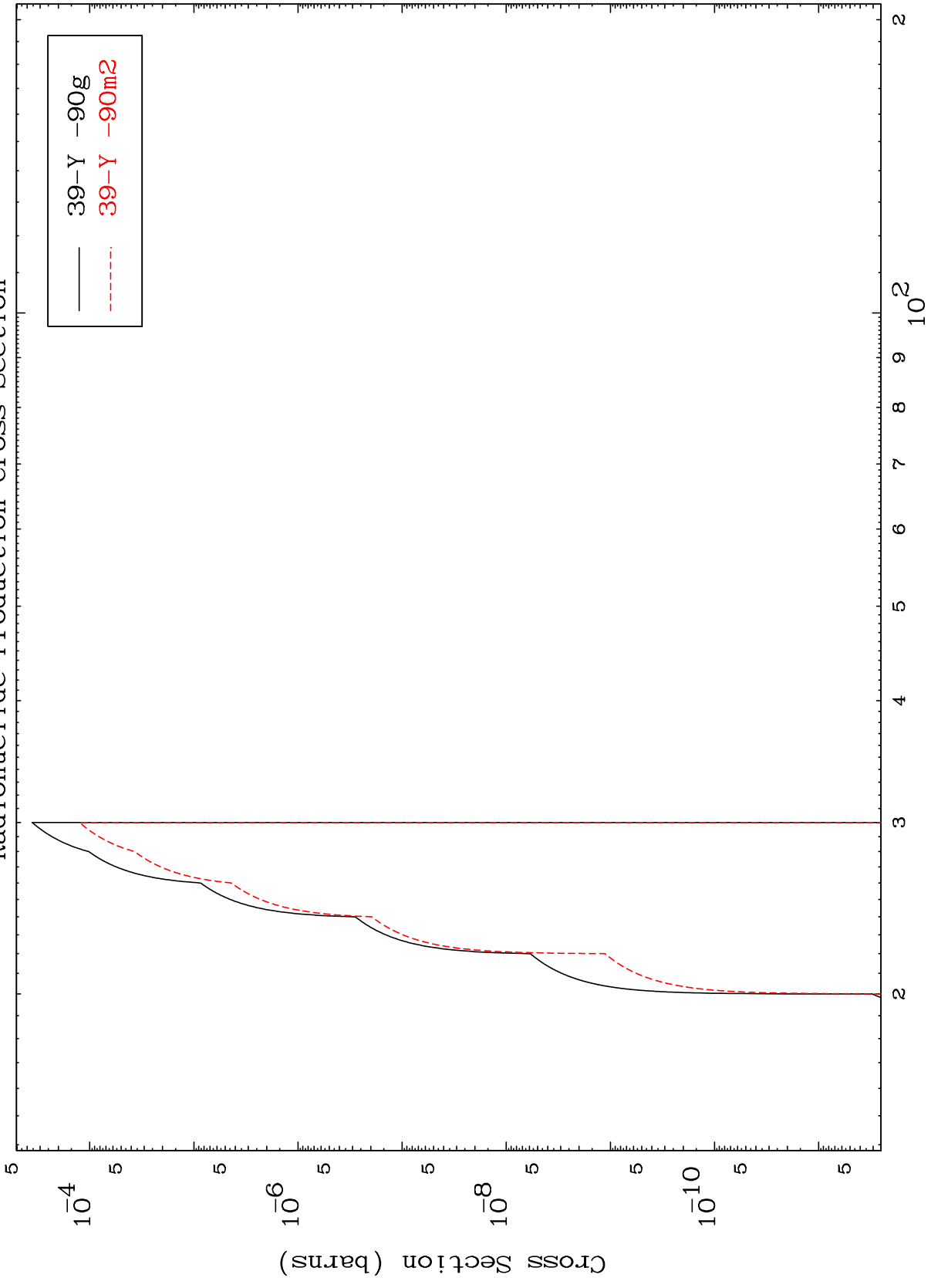


MAT 3925

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

39-Y -89

Radionuclide Production Cross Section



23

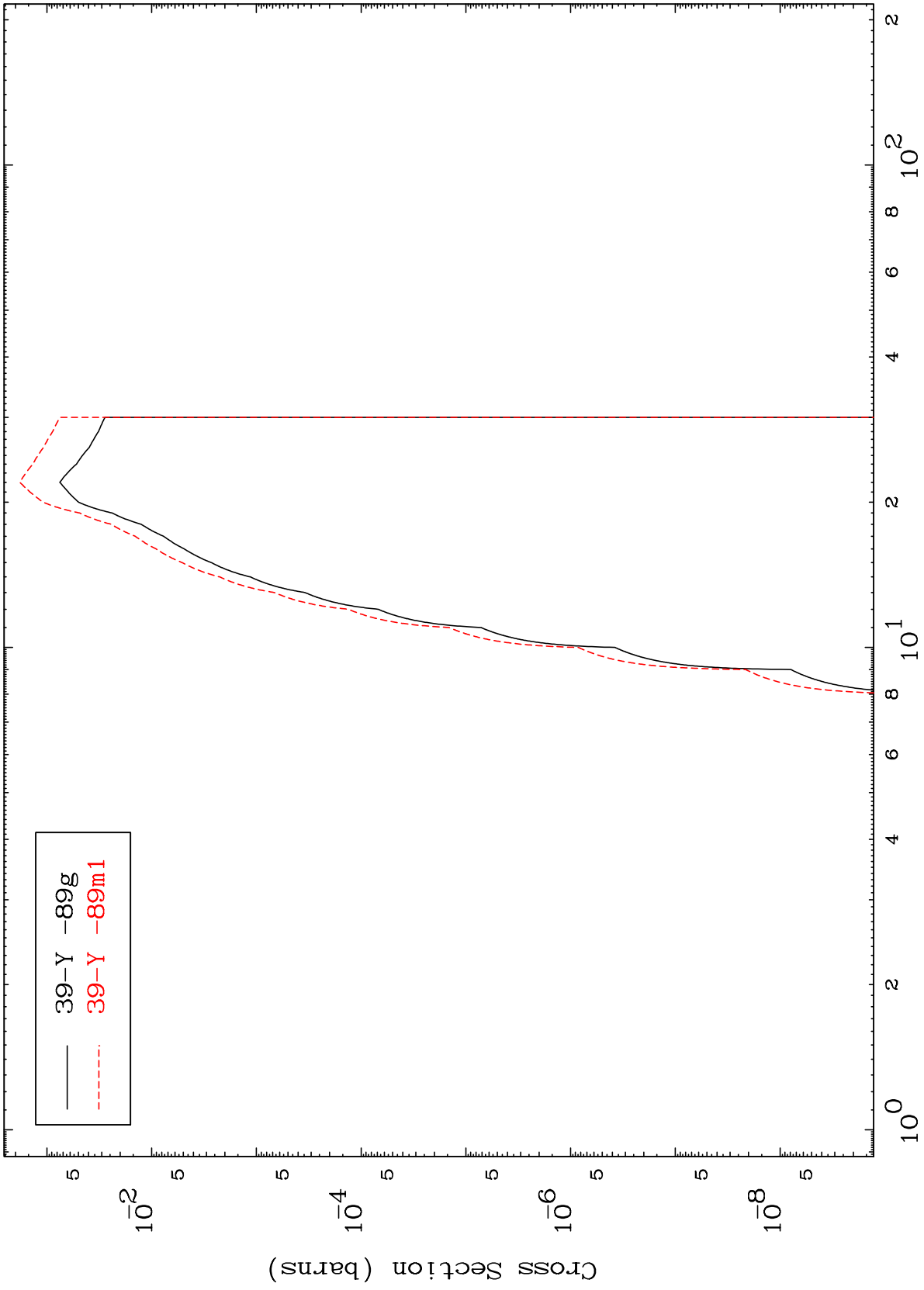
Incident Energy (MeV)

39-Y -89

MAT 3925

39-Y -89

Radionuclide Production Cross Section



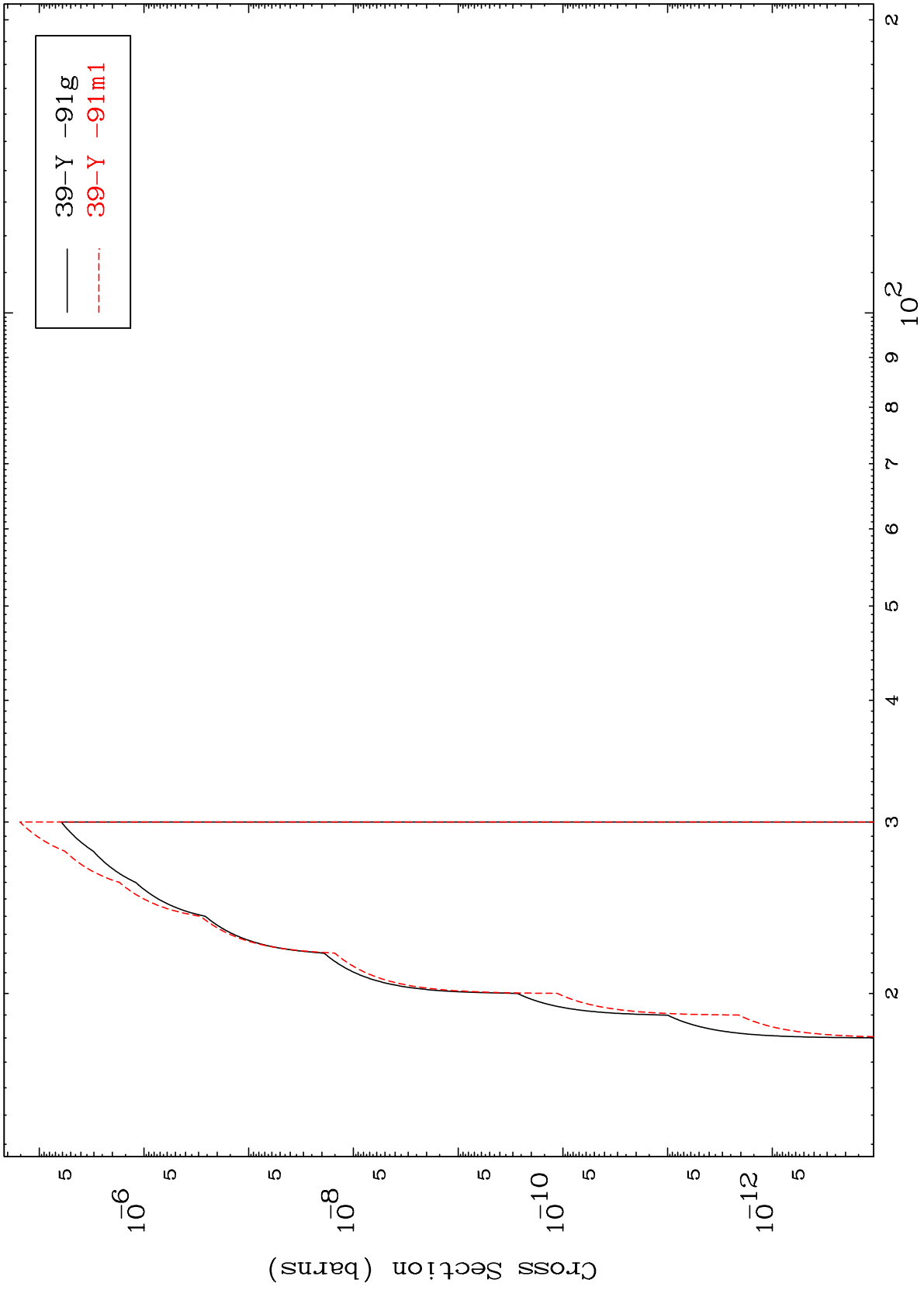
24

39-Y -89

MAT 3925

39-Y -89

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



25

Incident Energy (MeV)

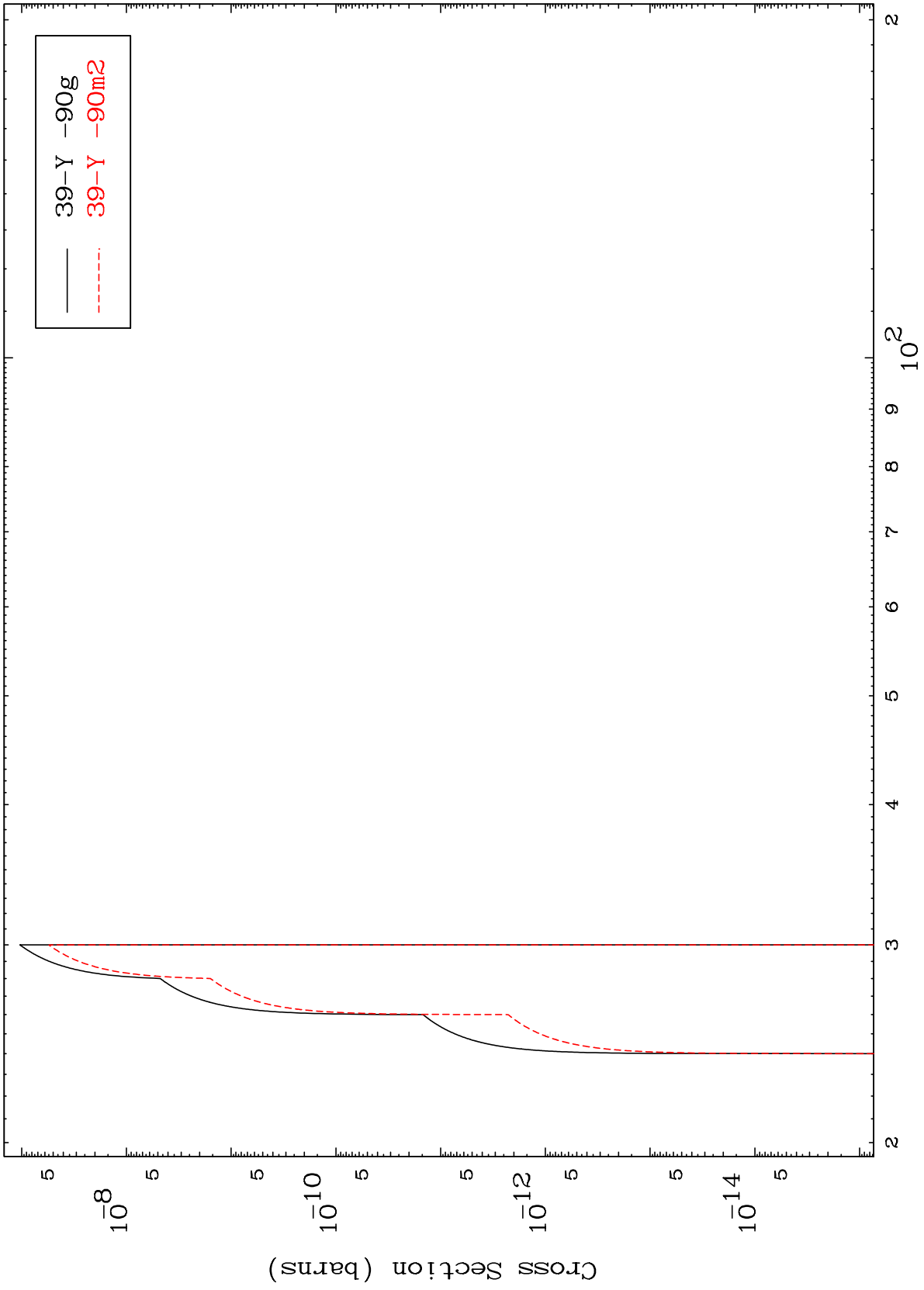
39-Y -89

MAT 3925

(α, p) d

39-Y -89

Radionuclide Production Cross Section



26

Incident Energy (MeV)

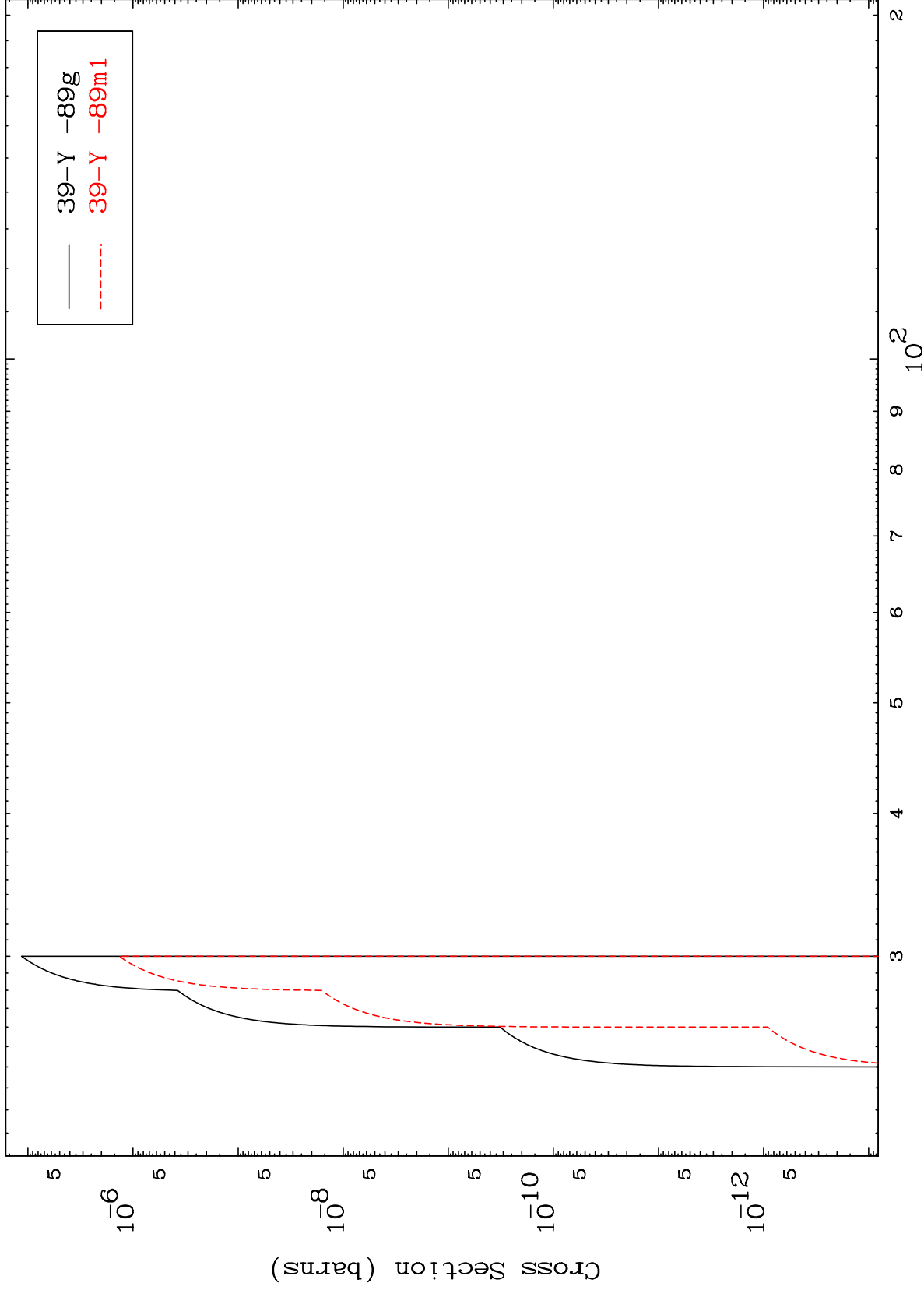
39-Y -89

MAT 3925

(α, p) t

39-Y -89

Radionuclide Production Cross Section



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Incident Energy (MeV)

39-Y -89