

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

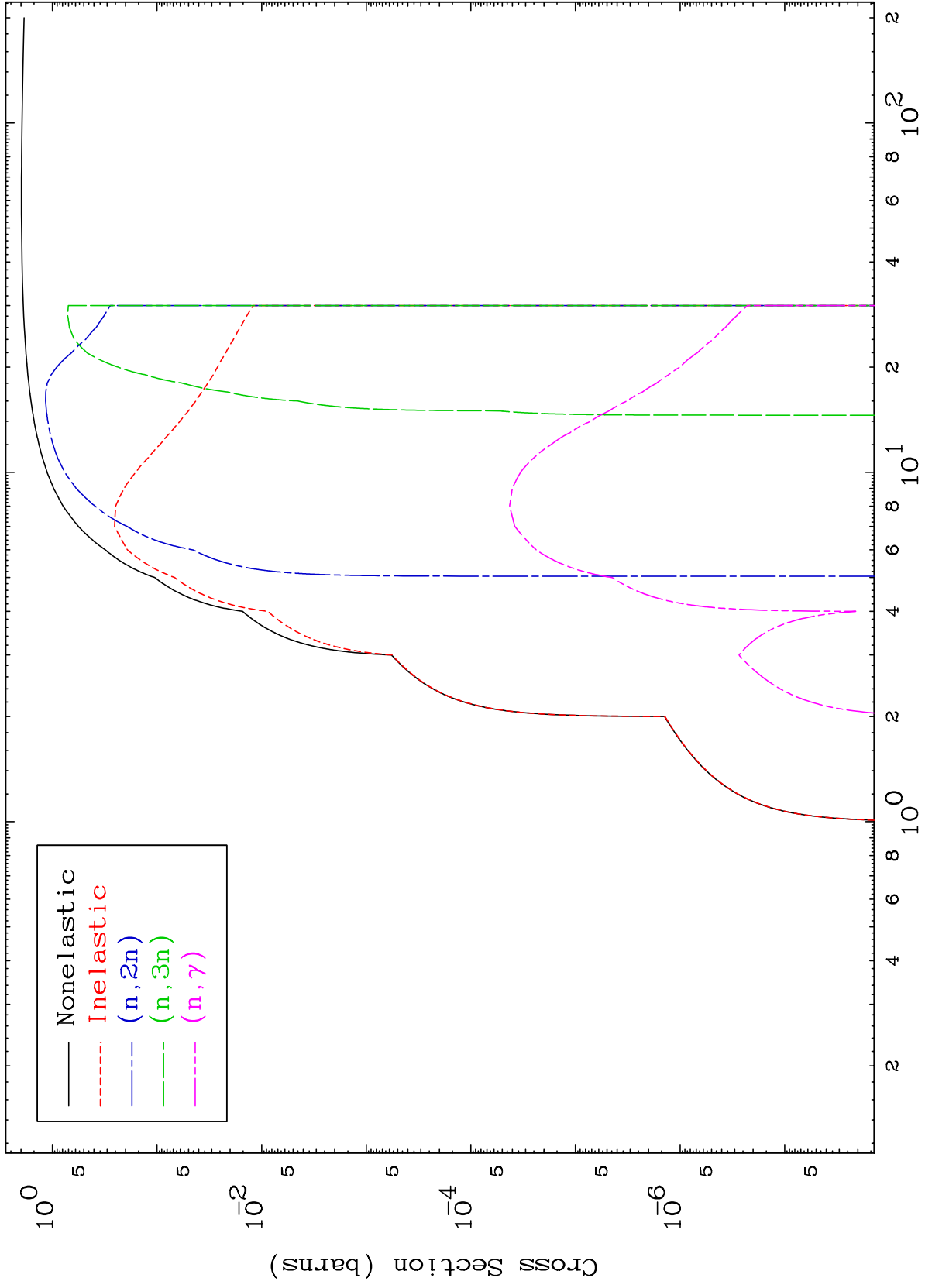
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E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

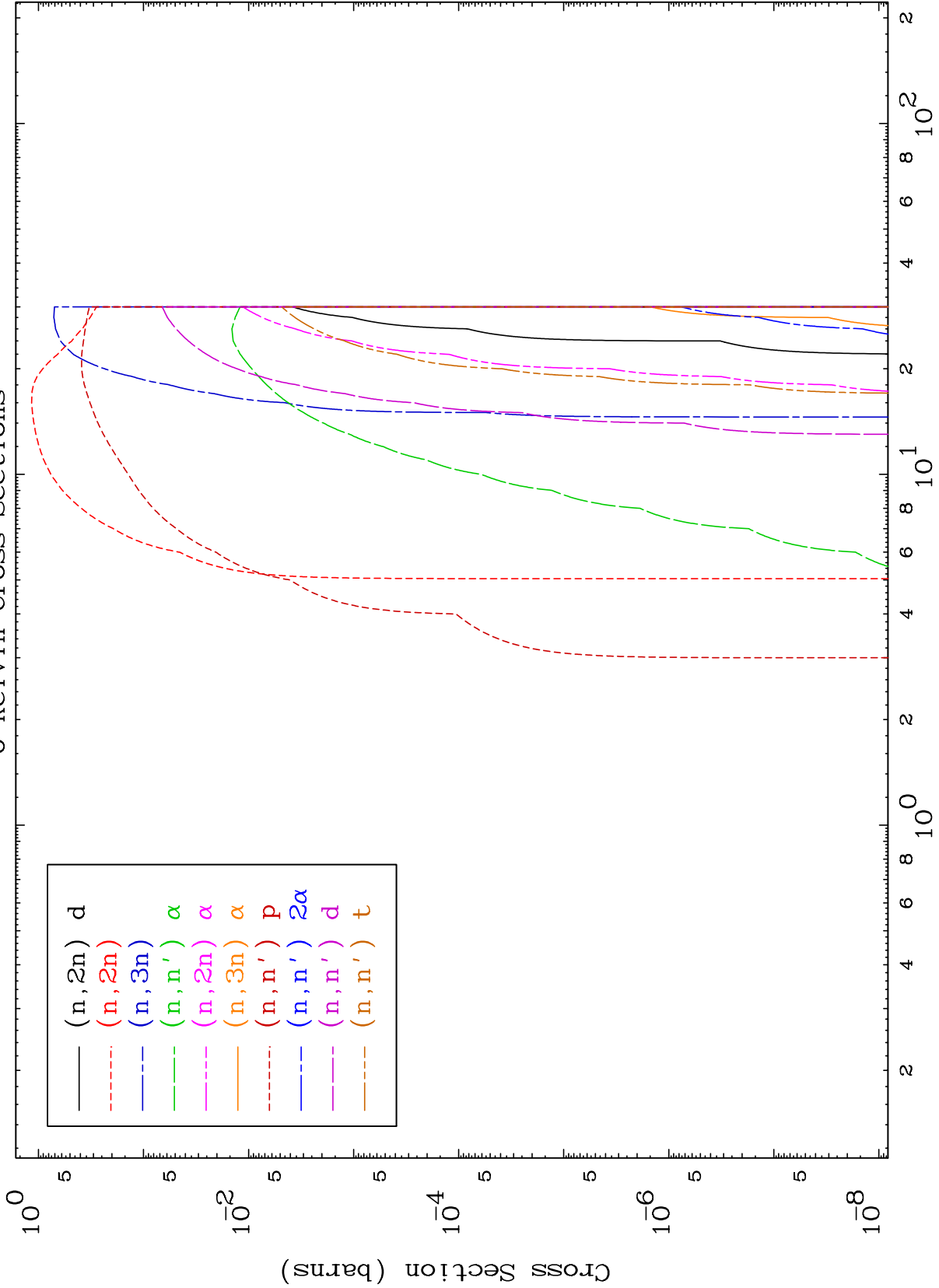
Press Mouse Button to Start



MAT 3926

Deuteron Neutron Absorption
0 Kelvin Cross Sections

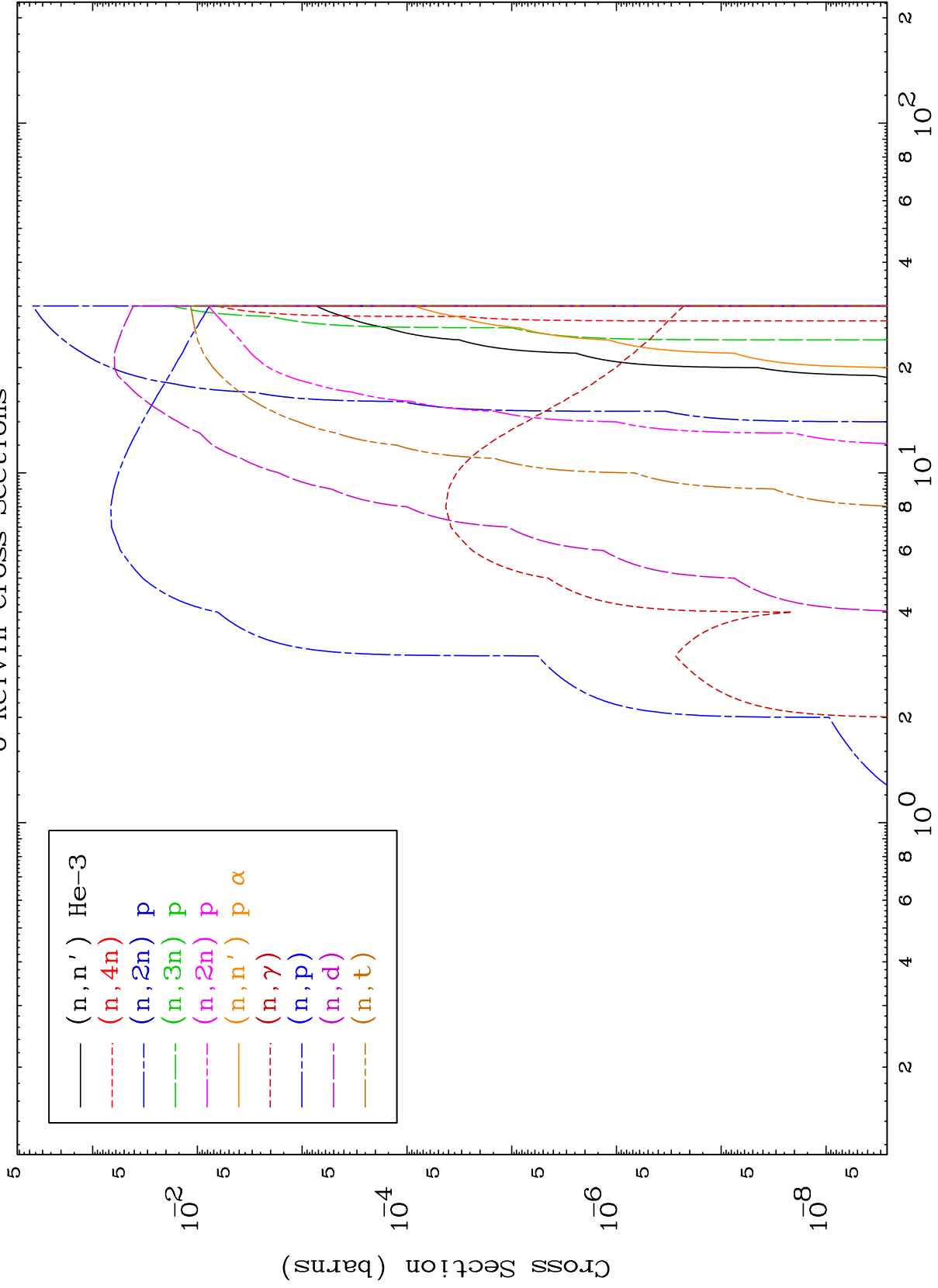
39-Y -89m



MAT 3926

Deuteron Neutron Absorption
0 Kelvin Cross Sections

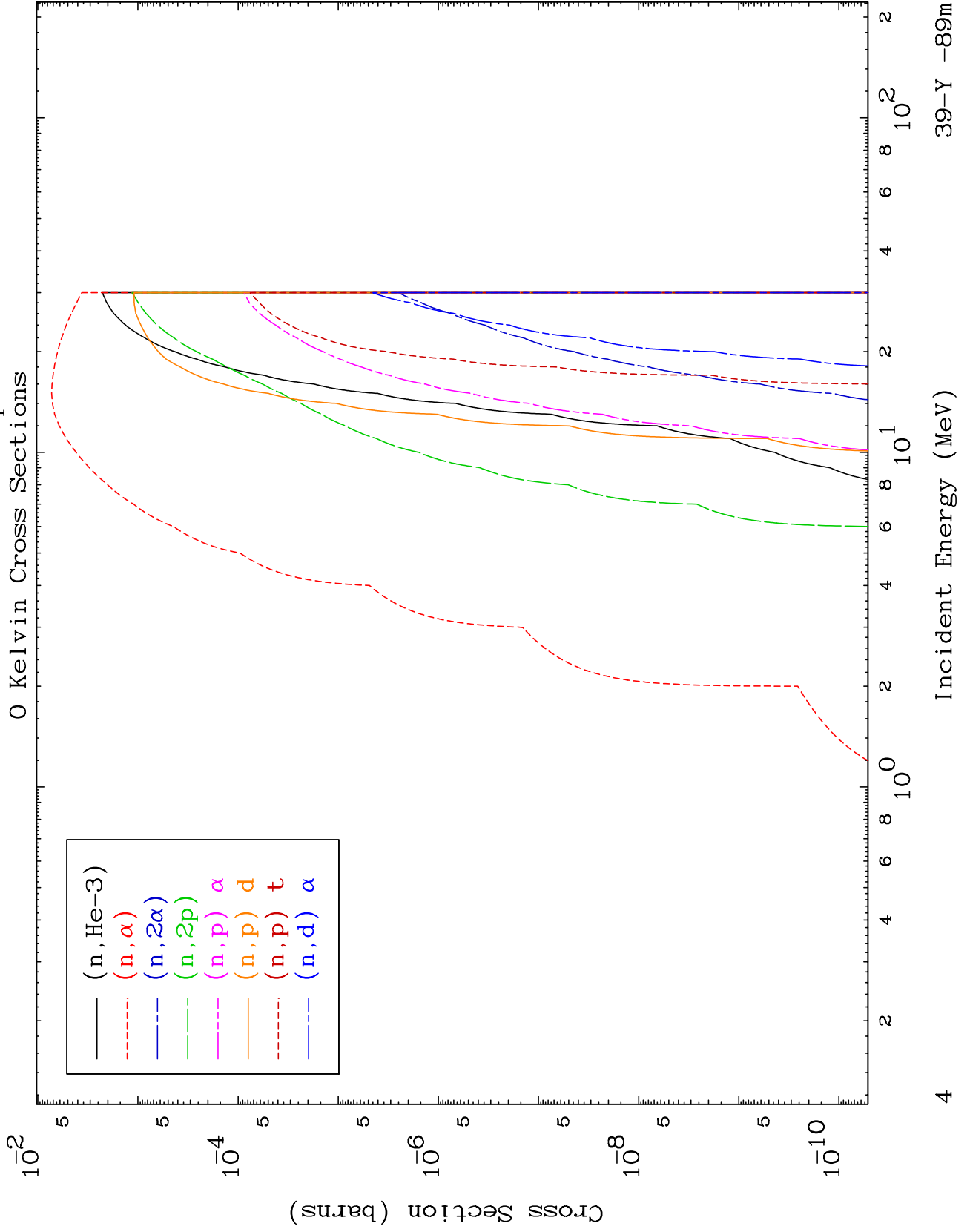
39-Y -89m



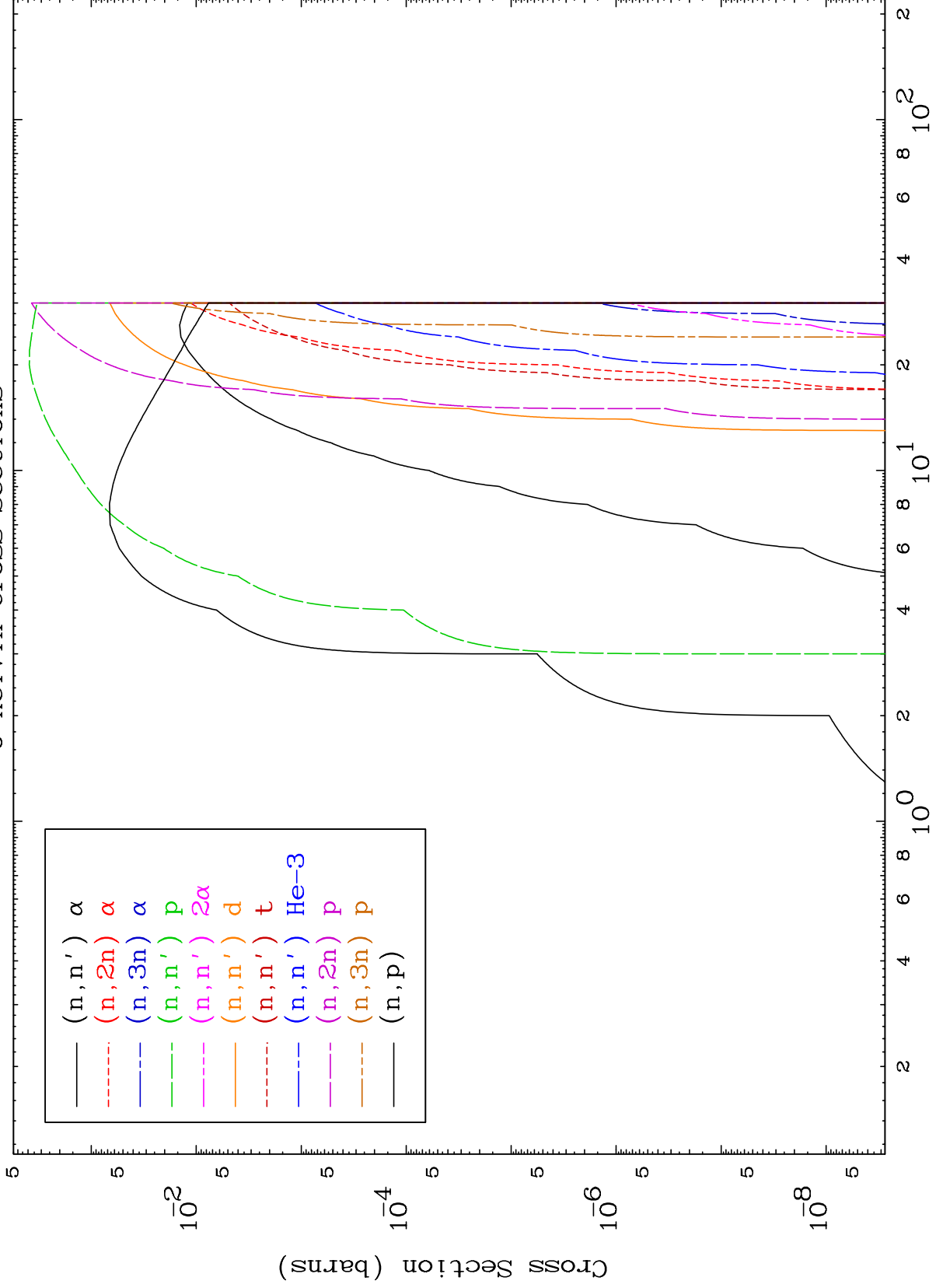
MAT 3926

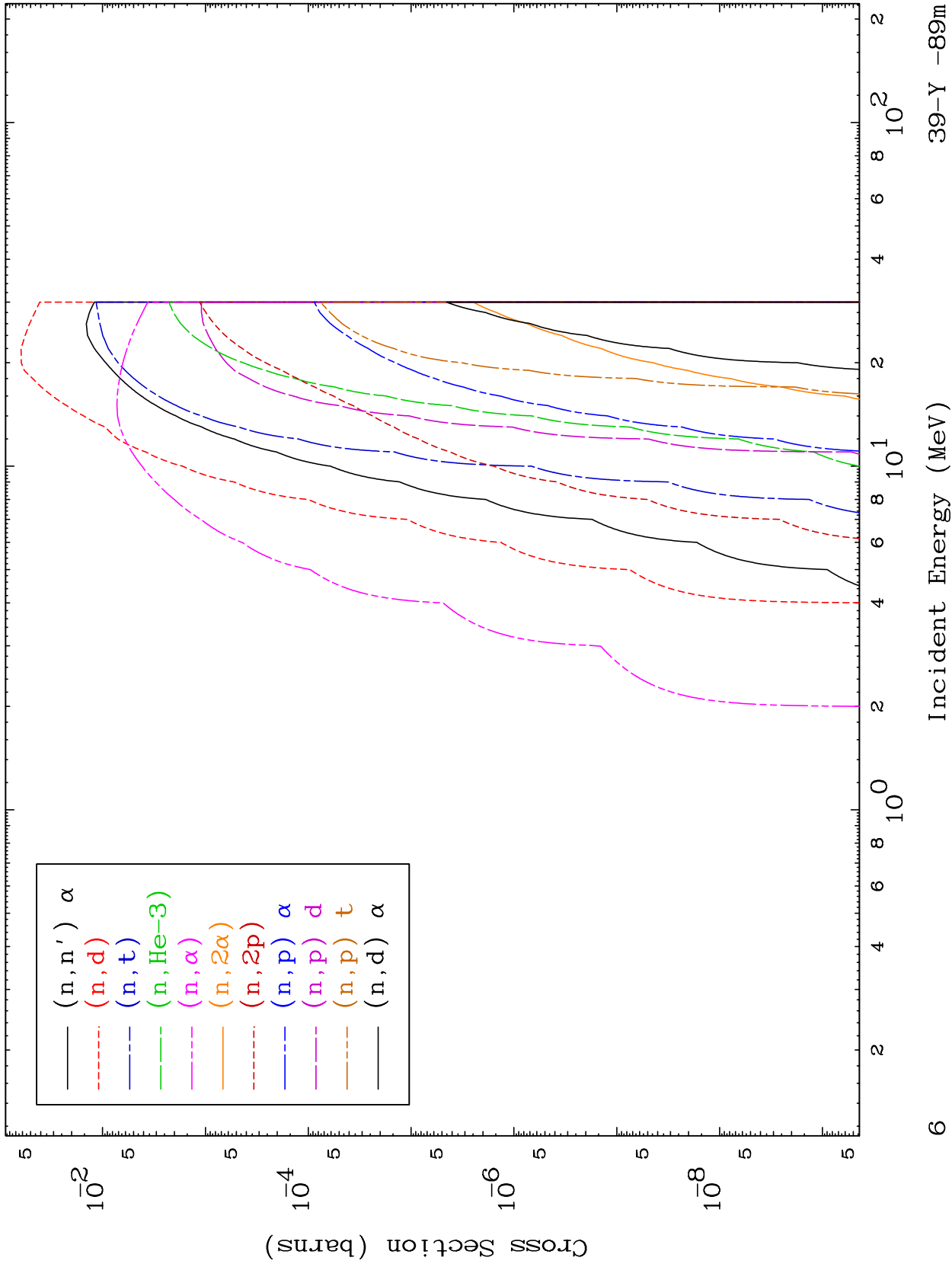
Deuteron Neutron Absorption
0 Kelvin Cross Sections

39-Y -89m



39-Y -89m



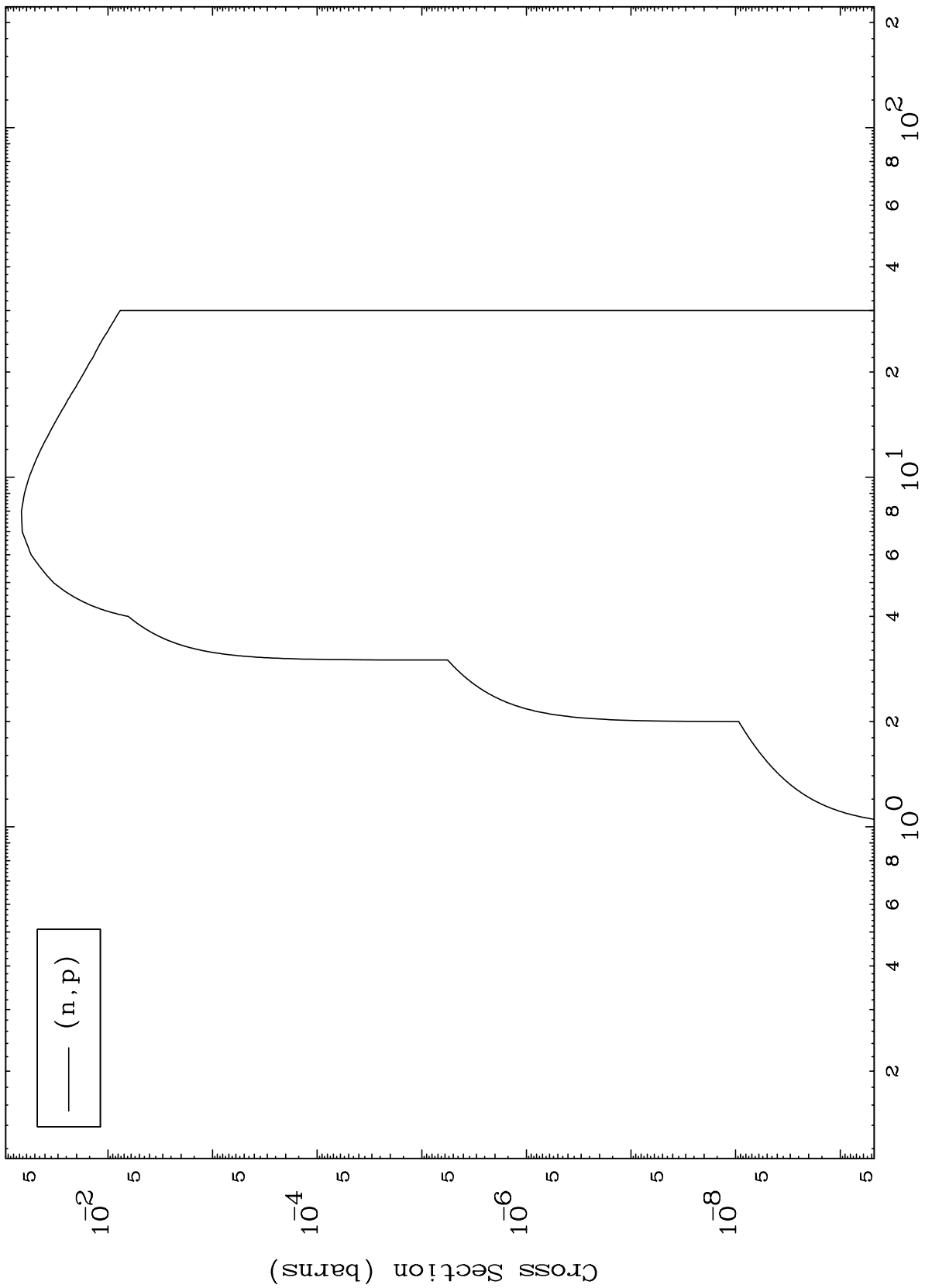


MAT 3926

(d,p) Levels

39-Y -89m

0 Kelvin Cross Sections

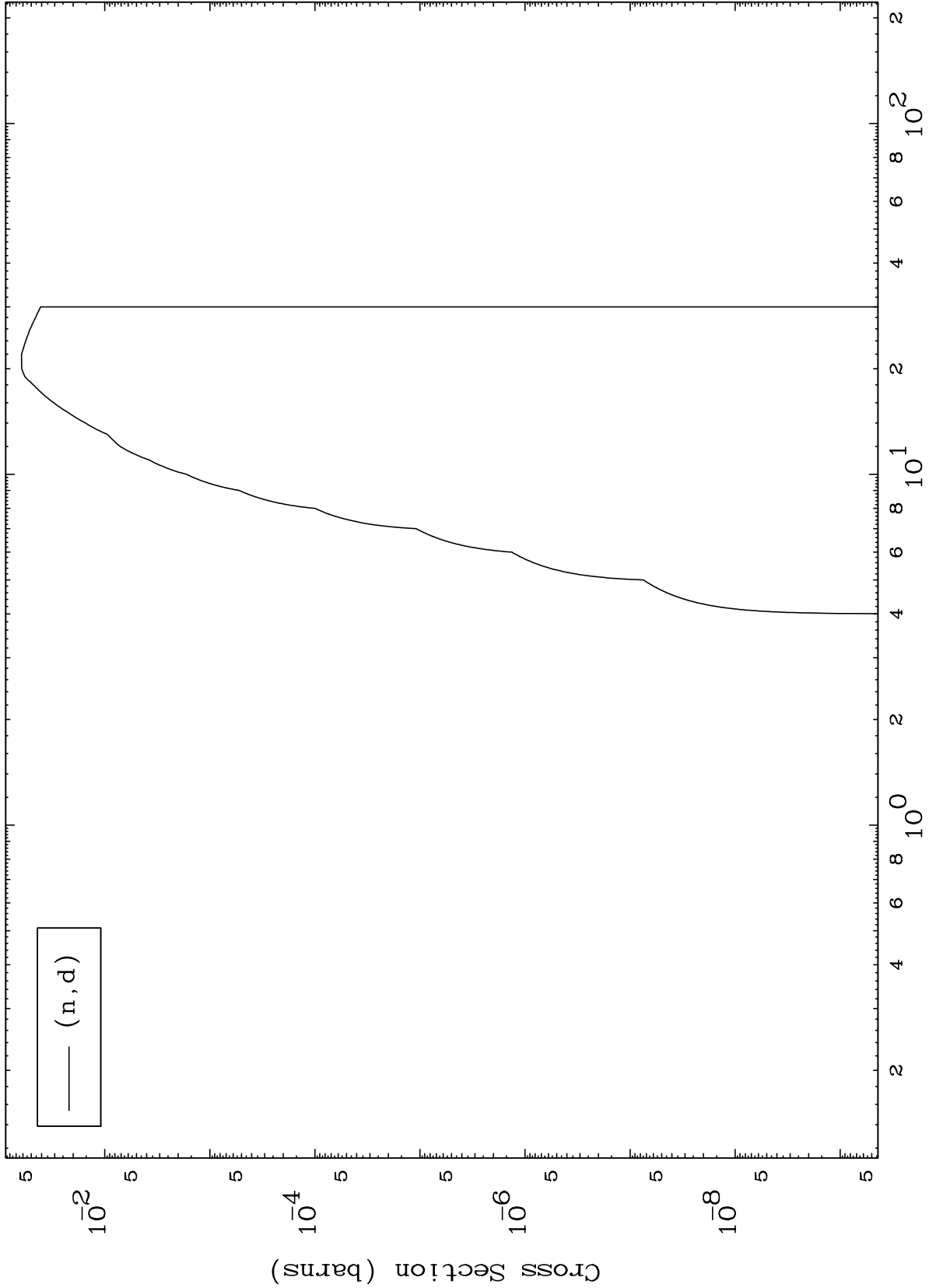


MAT 3926

(d,d) Levels

39-Y -89m

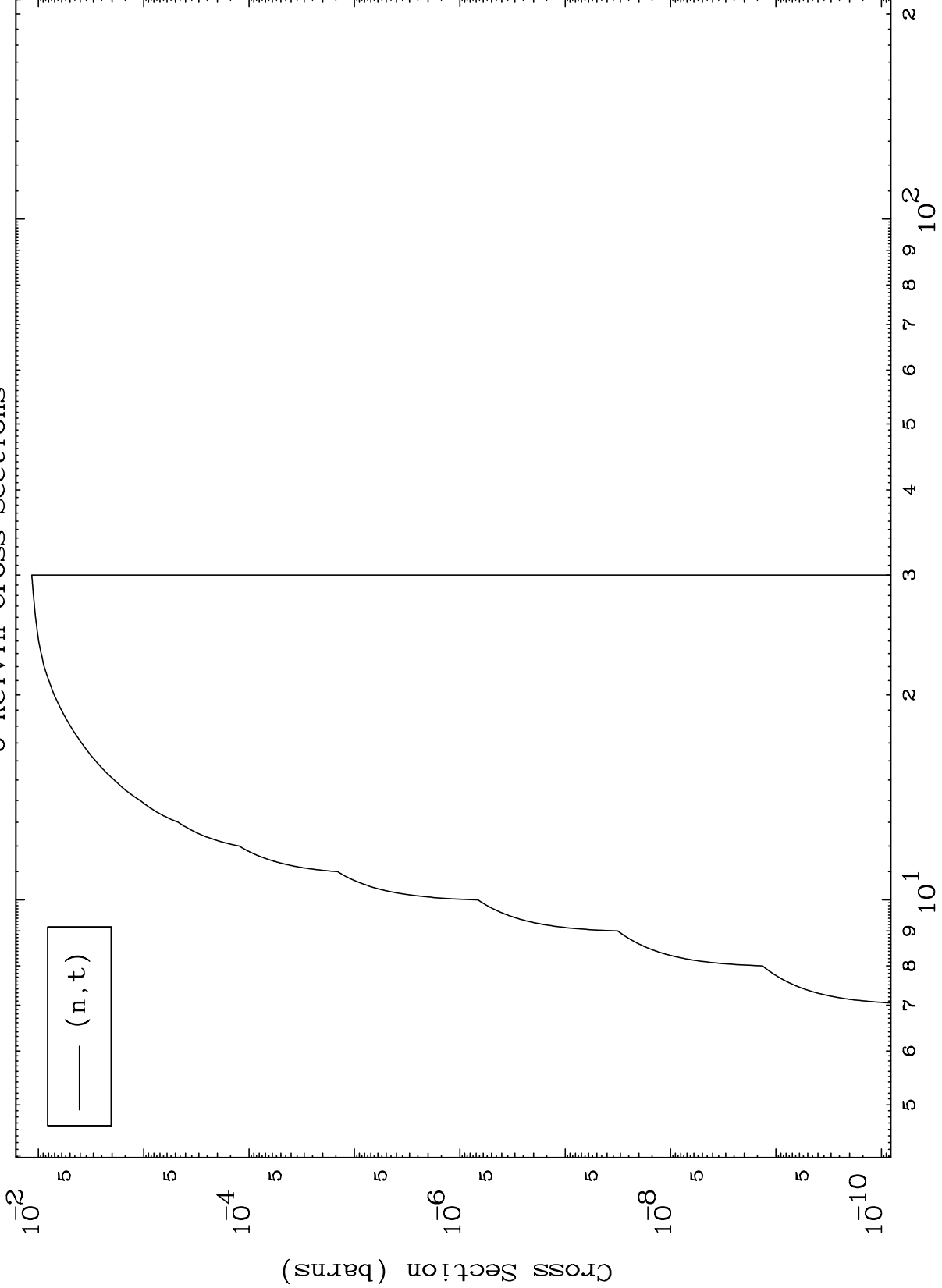
0 Kelvin Cross Sections



MAT 3926

(d,t) Levels
0 Kelvin Cross Sections

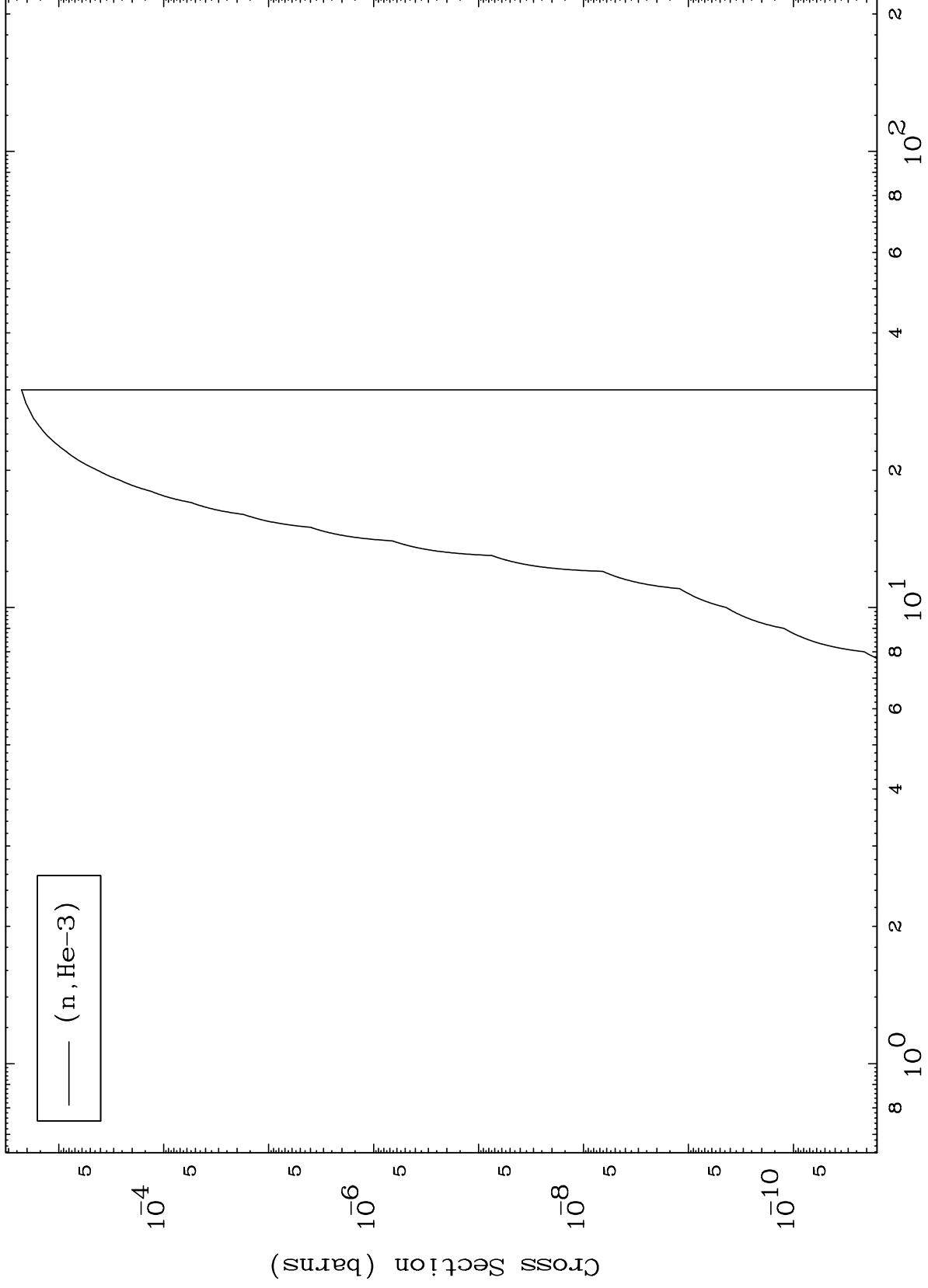
39-Y -89m



MAT 3926

(d,He3) Levels
0 Kelvin Cross Sections

39-Y -89m



10

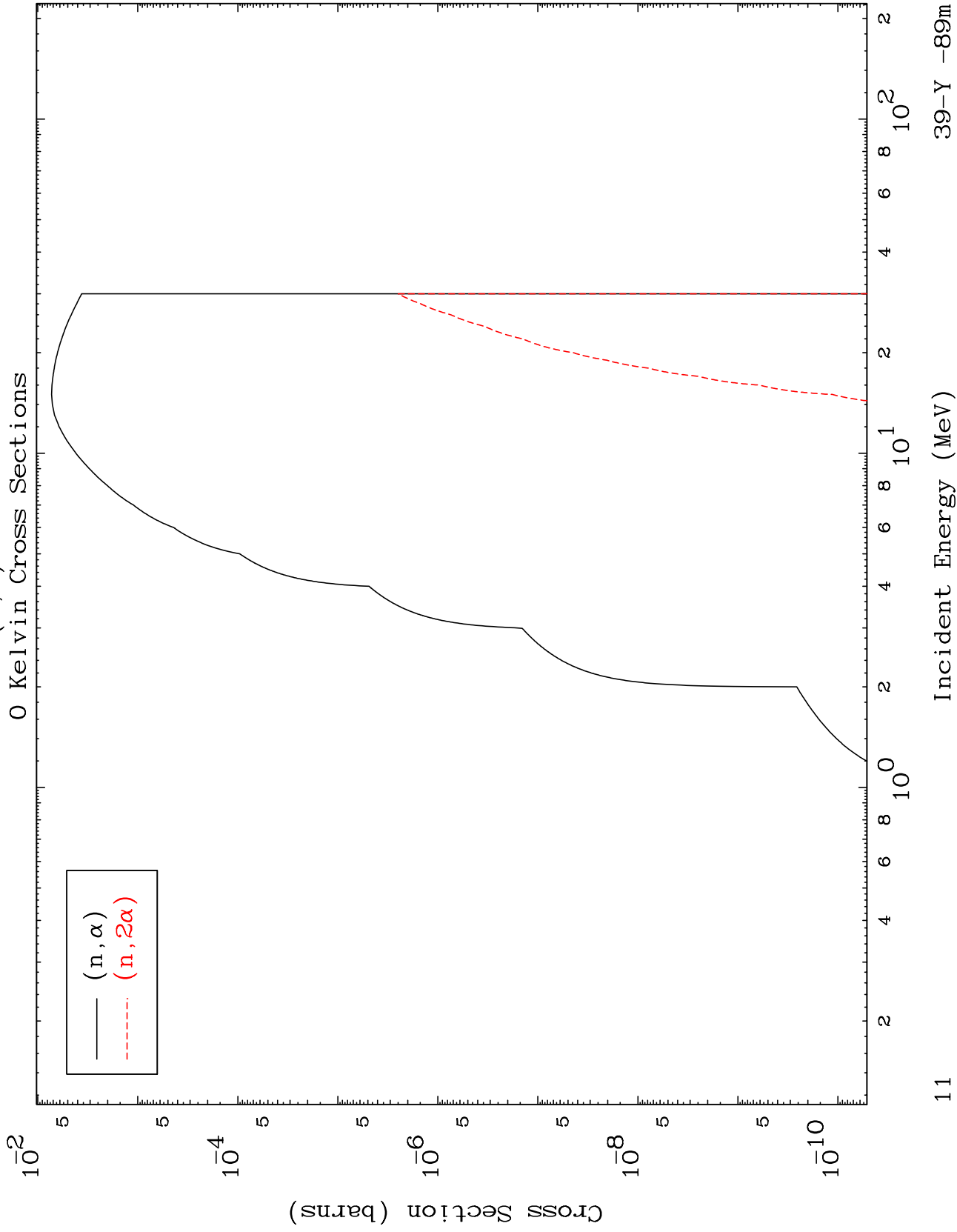
Incident Energy (MeV)

39-Y -89m

MAT 3926

(d, α) Levels

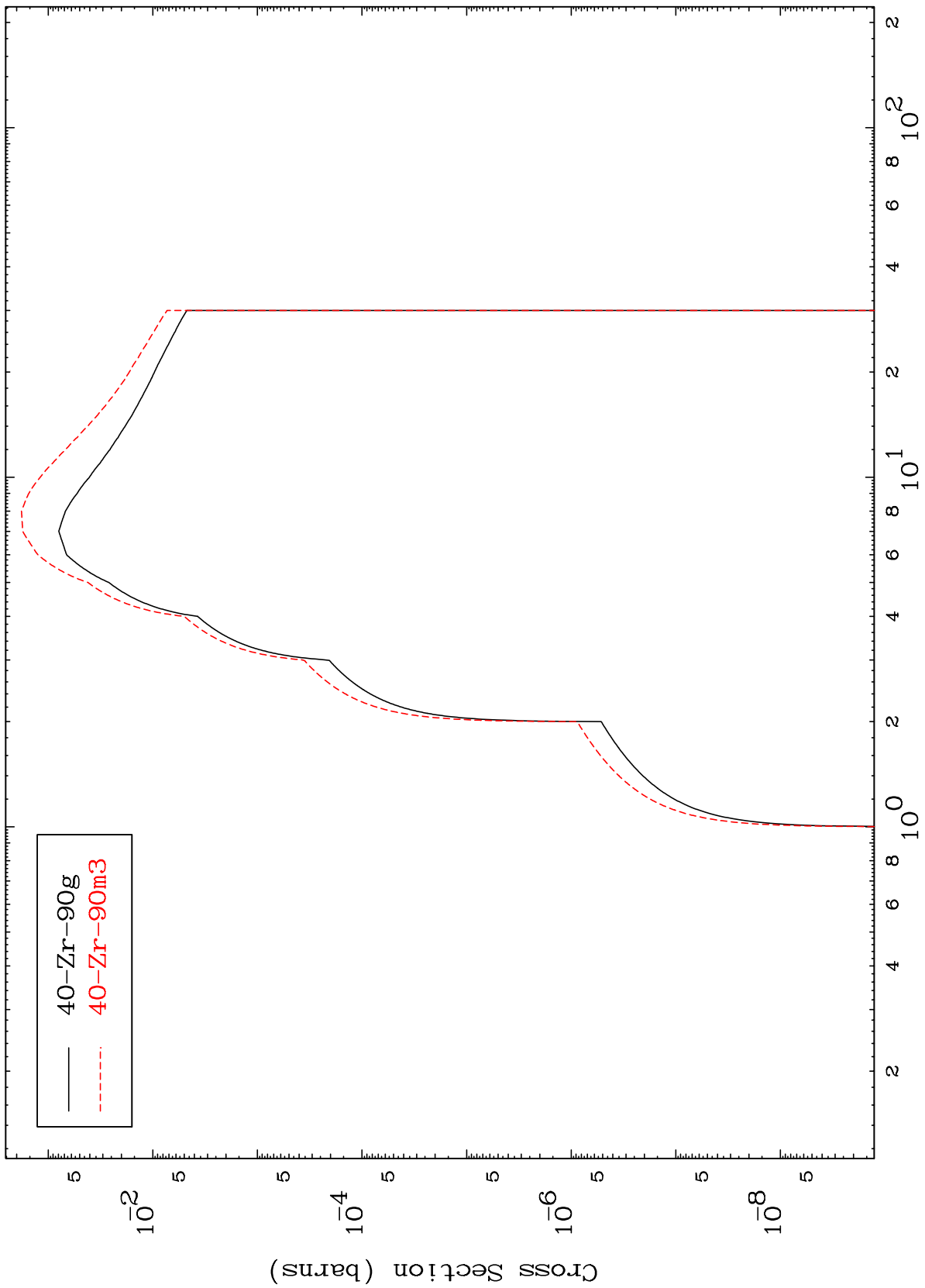
39-Y -89m



MAT 3926

39-Y -89m

Inelastic
Radionuclide Production Cross Section



— 40-Zr-90g
- - - 40-Zr-90m3

39-Y -89m

Incident Energy (MeV)

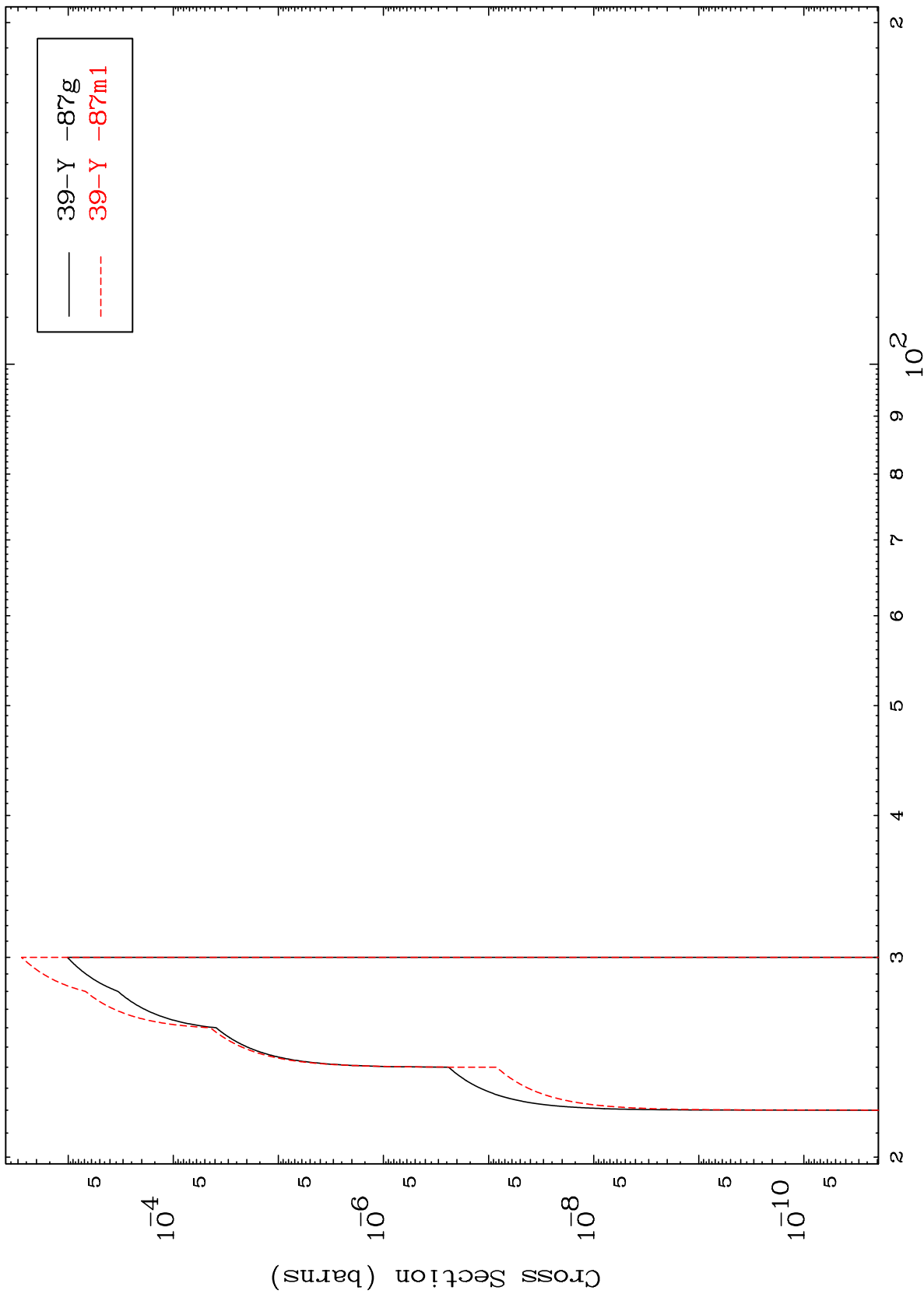
12

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(n,2n) d

39-Y -89m

Radionuclide Production Cross Section



13

Incident Energy (MeV)

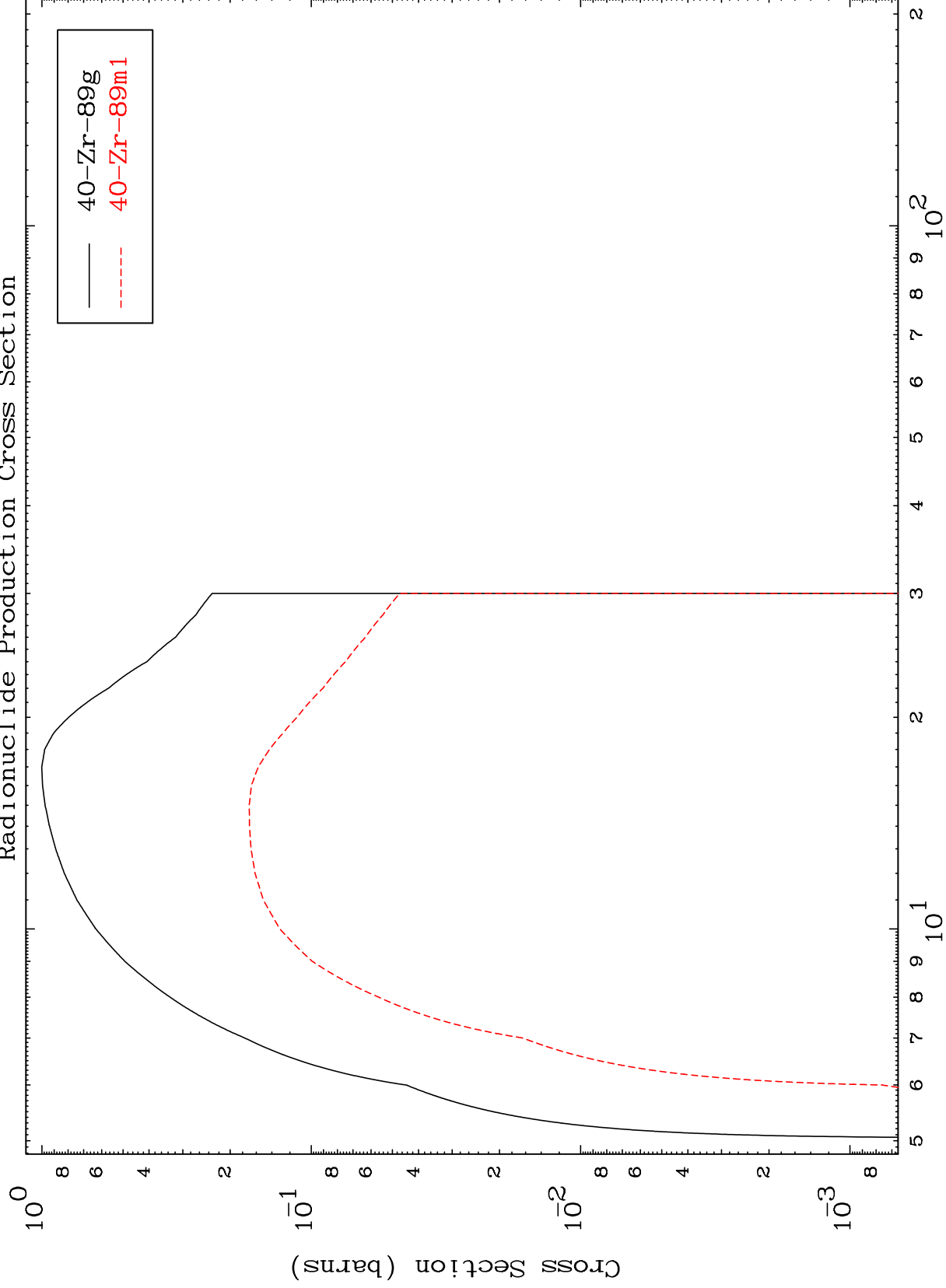
39-Y -89m

MAT 3926

(n,2n)

39-Y -89m

Radionuclide Production Cross Section



Incident Energy (MeV)

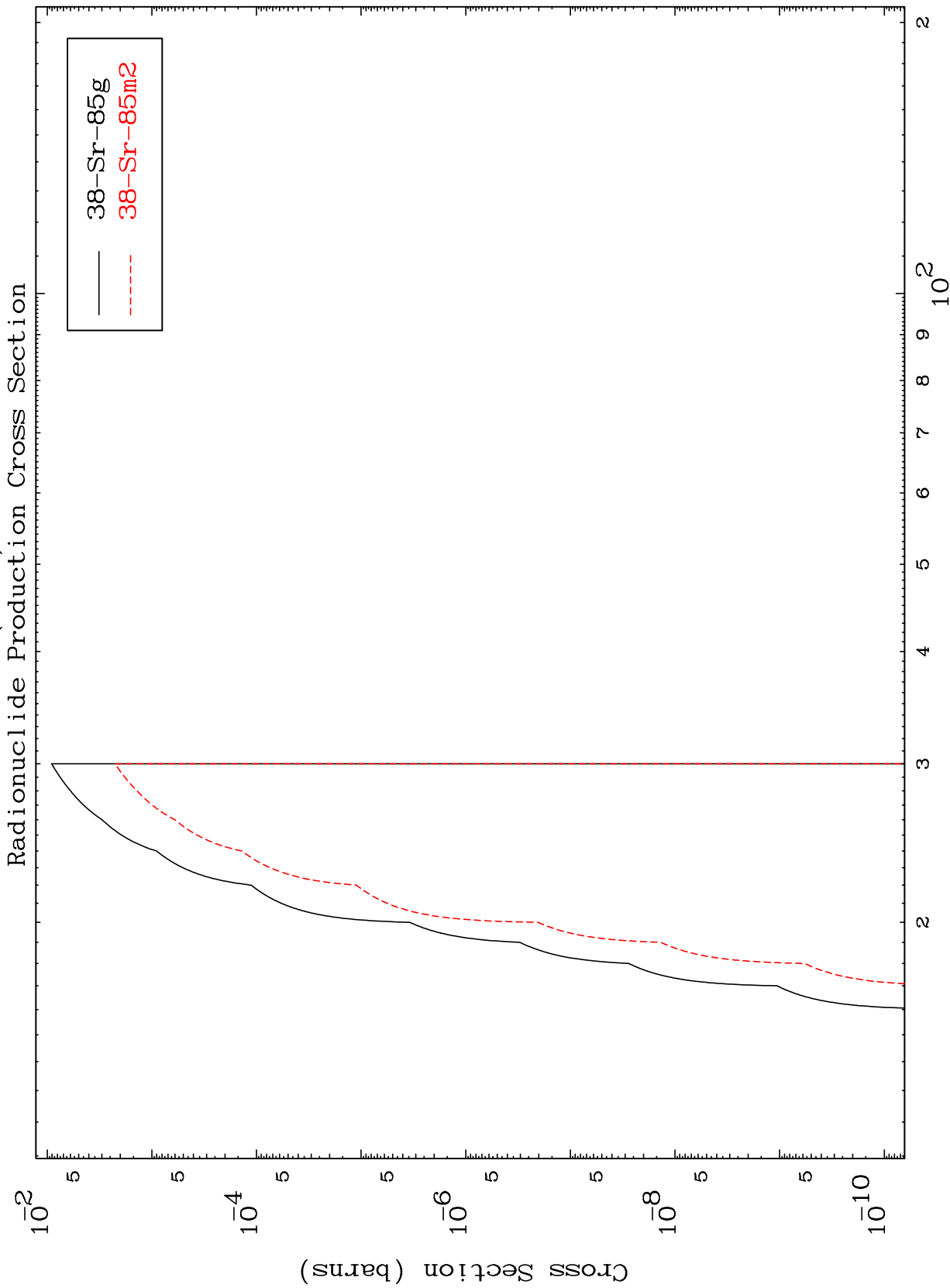
39-Y -89m

14

MAT 3926

(n,2n) α

39-Y -89m



15

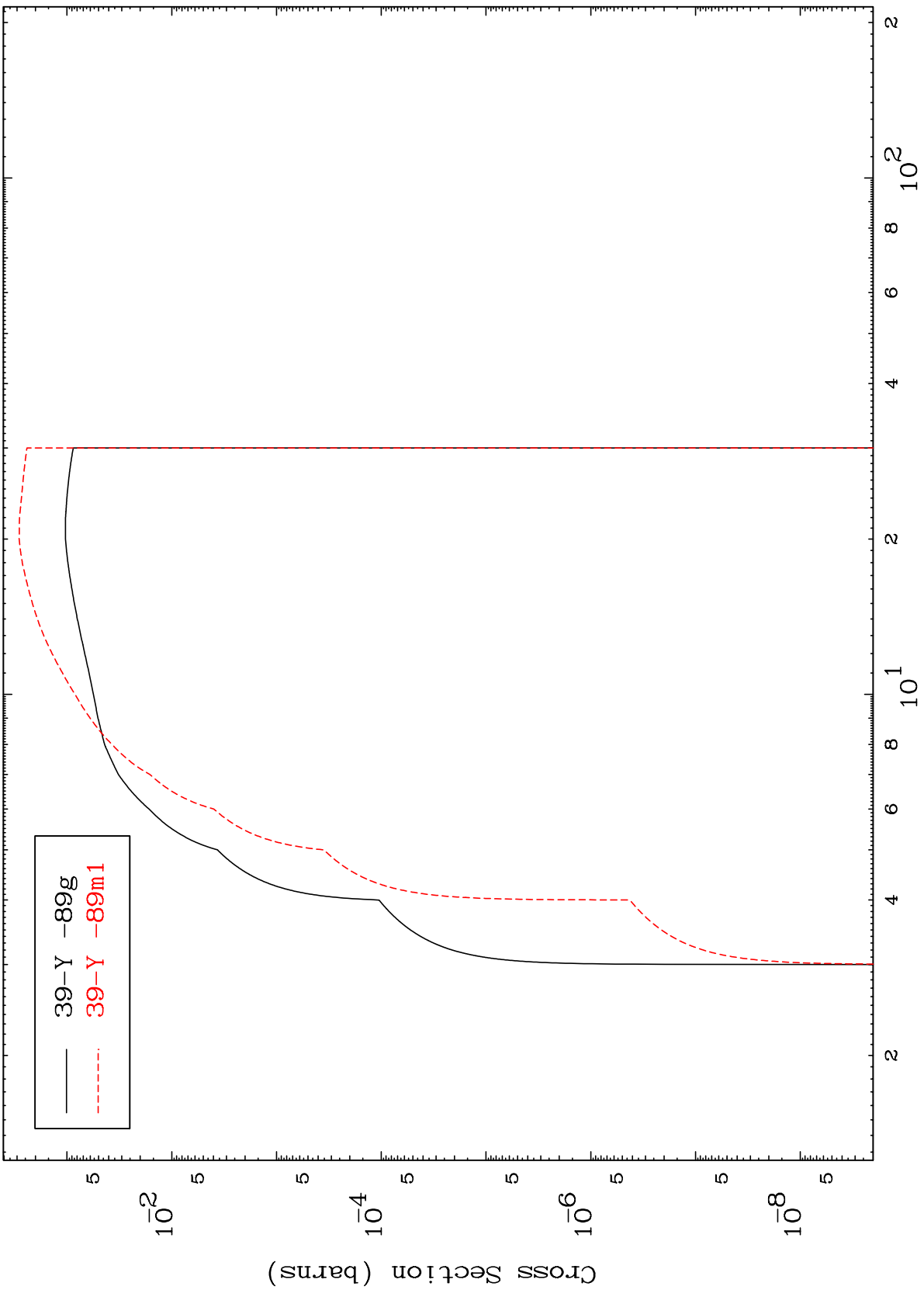
Incident Energy (MeV)

39-Y -89m

MAT 3926

39-Y -89m

(n,n') p
Radionuclide Production Cross Section

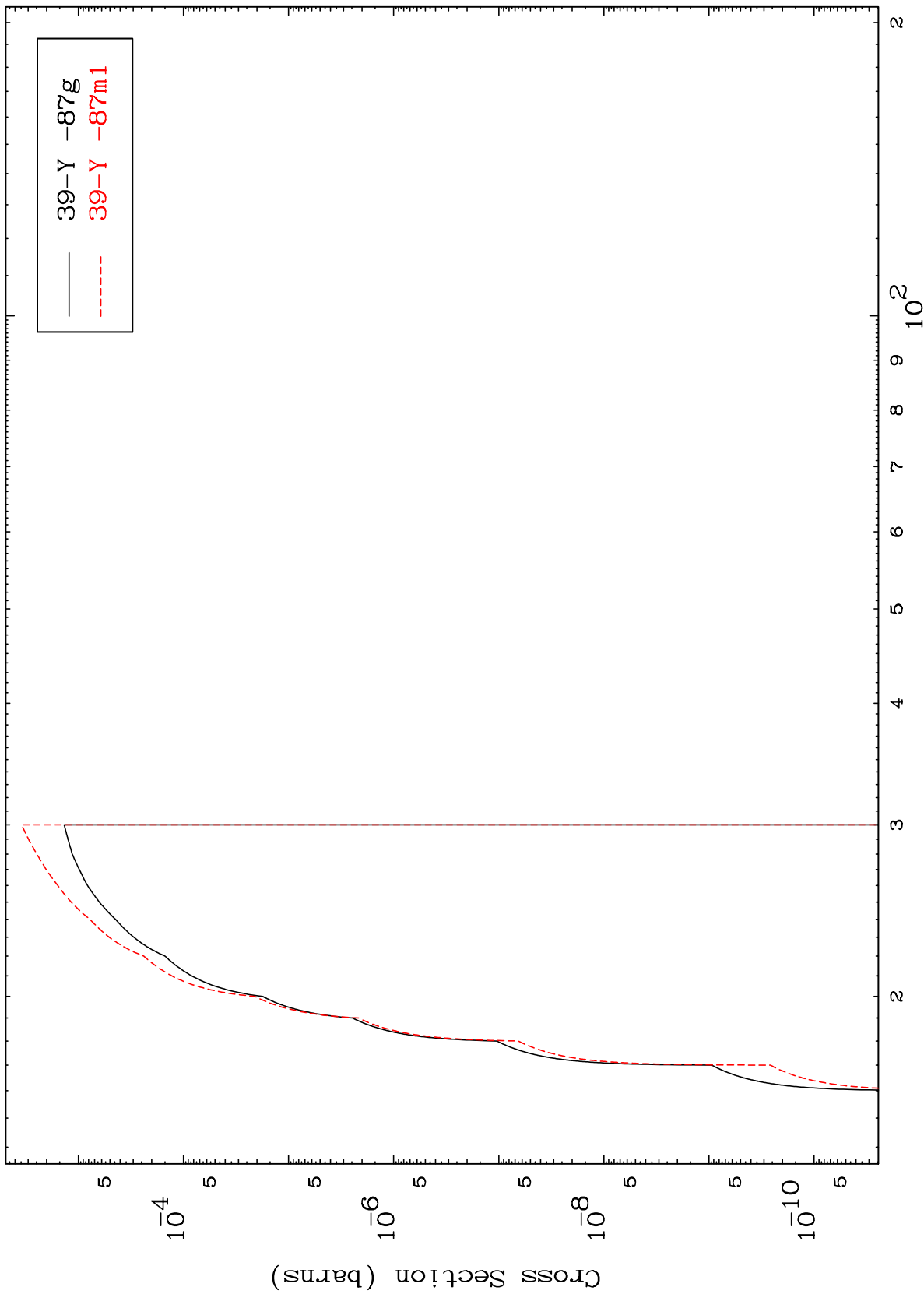


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(n,n') t

39-Y -89m

Radionuclide Production Cross Section

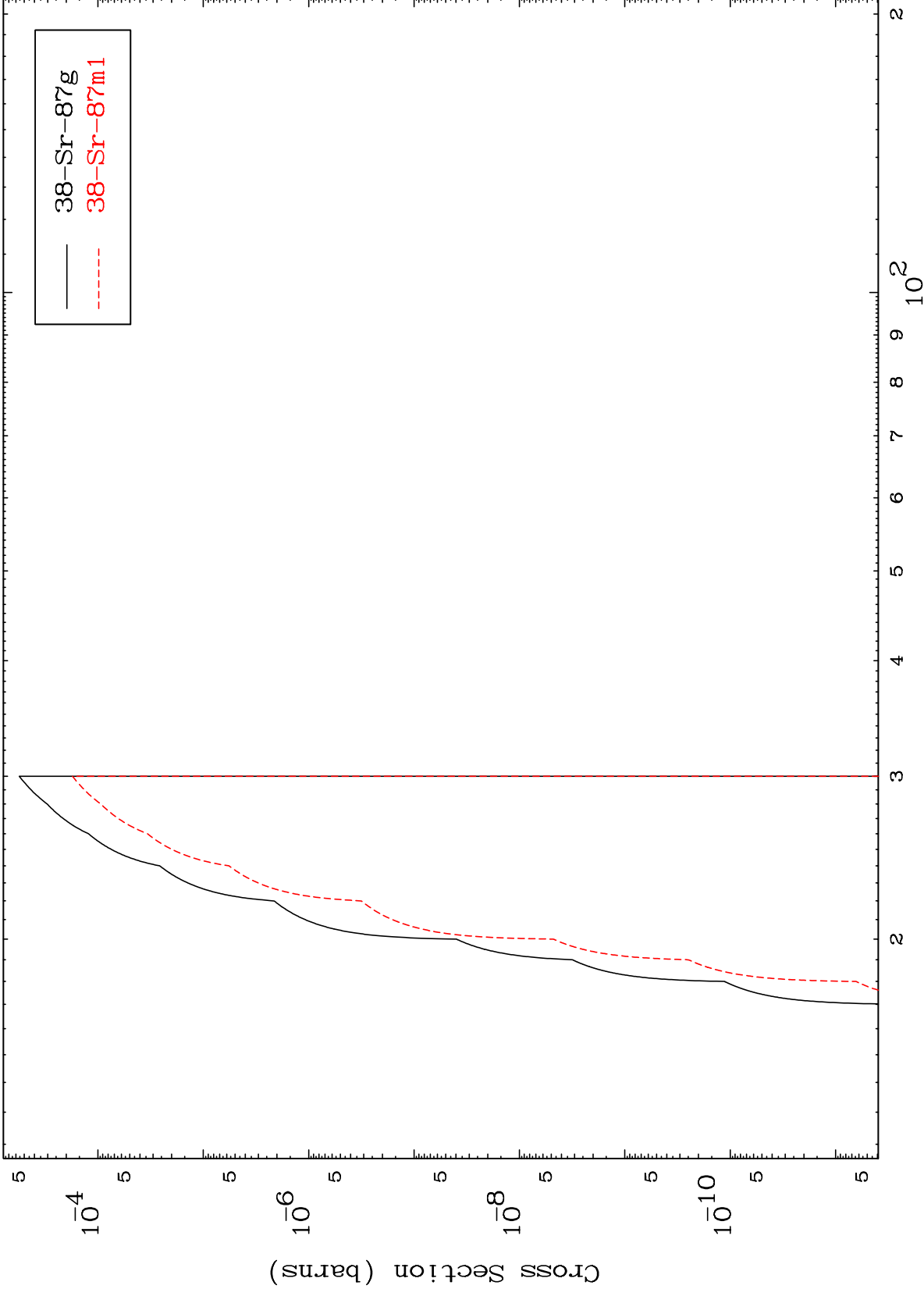


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(n,n') He-3

39-Y -89m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

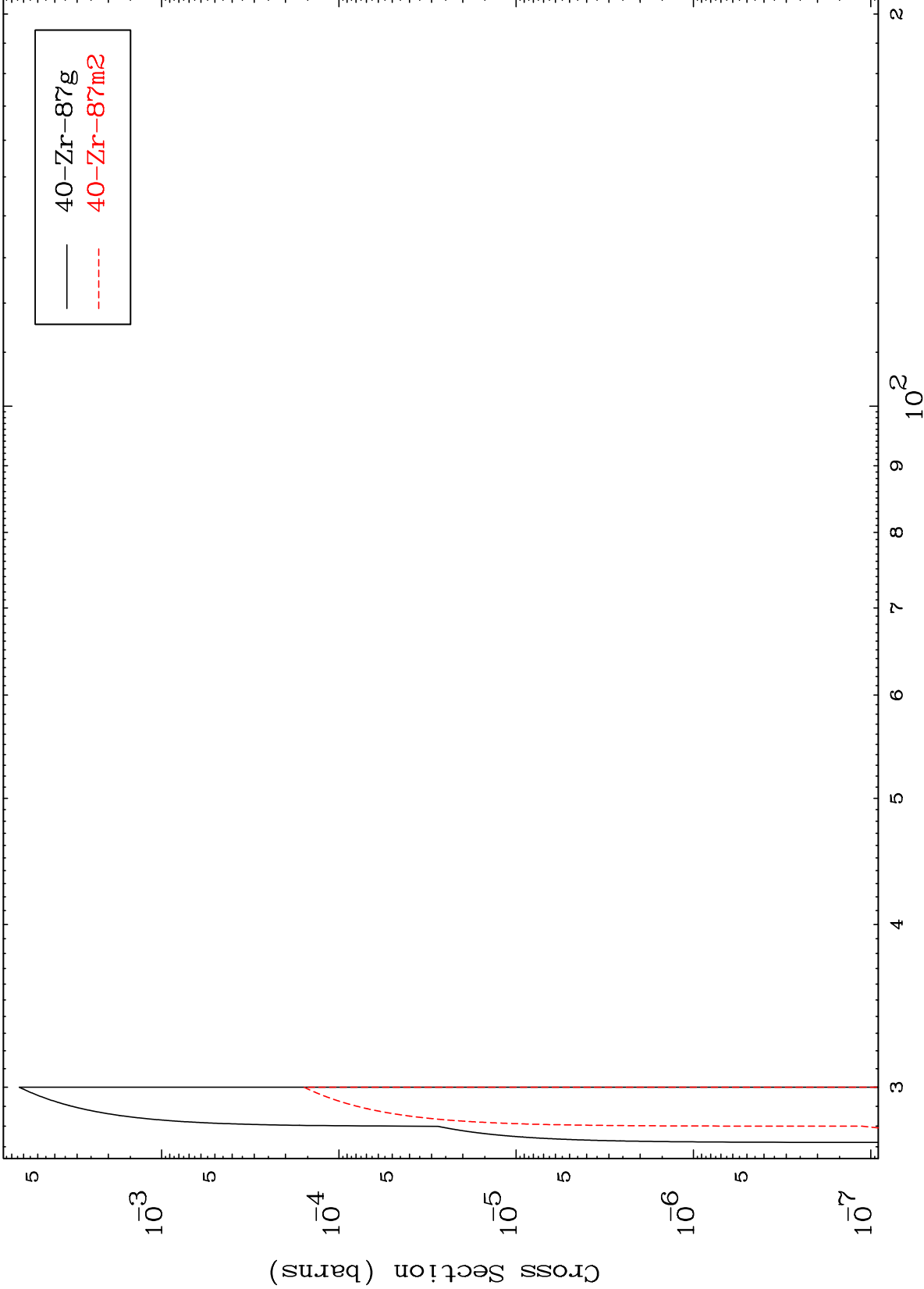
39-Y -89m

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(n,4n)

39-Y -89m

Radionuclide Production Cross Section



— 40-Zr-87g
- - - 40-Zr-87m2

19

Incident Energy (MeV)

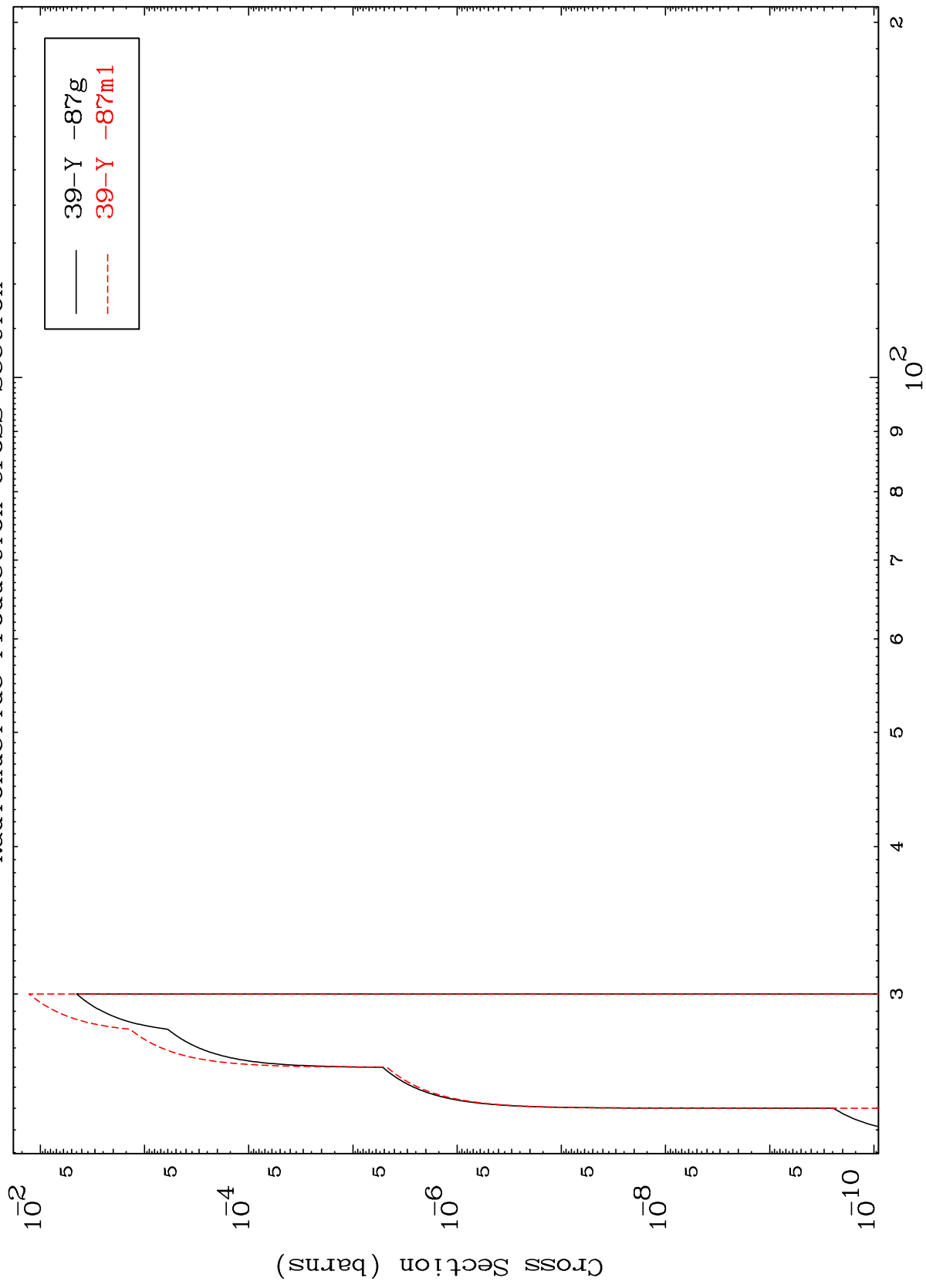
39-Y -89m

MAT 3926

(n,3n) p

39-Y -89m

Radionuclide Production Cross Section



20

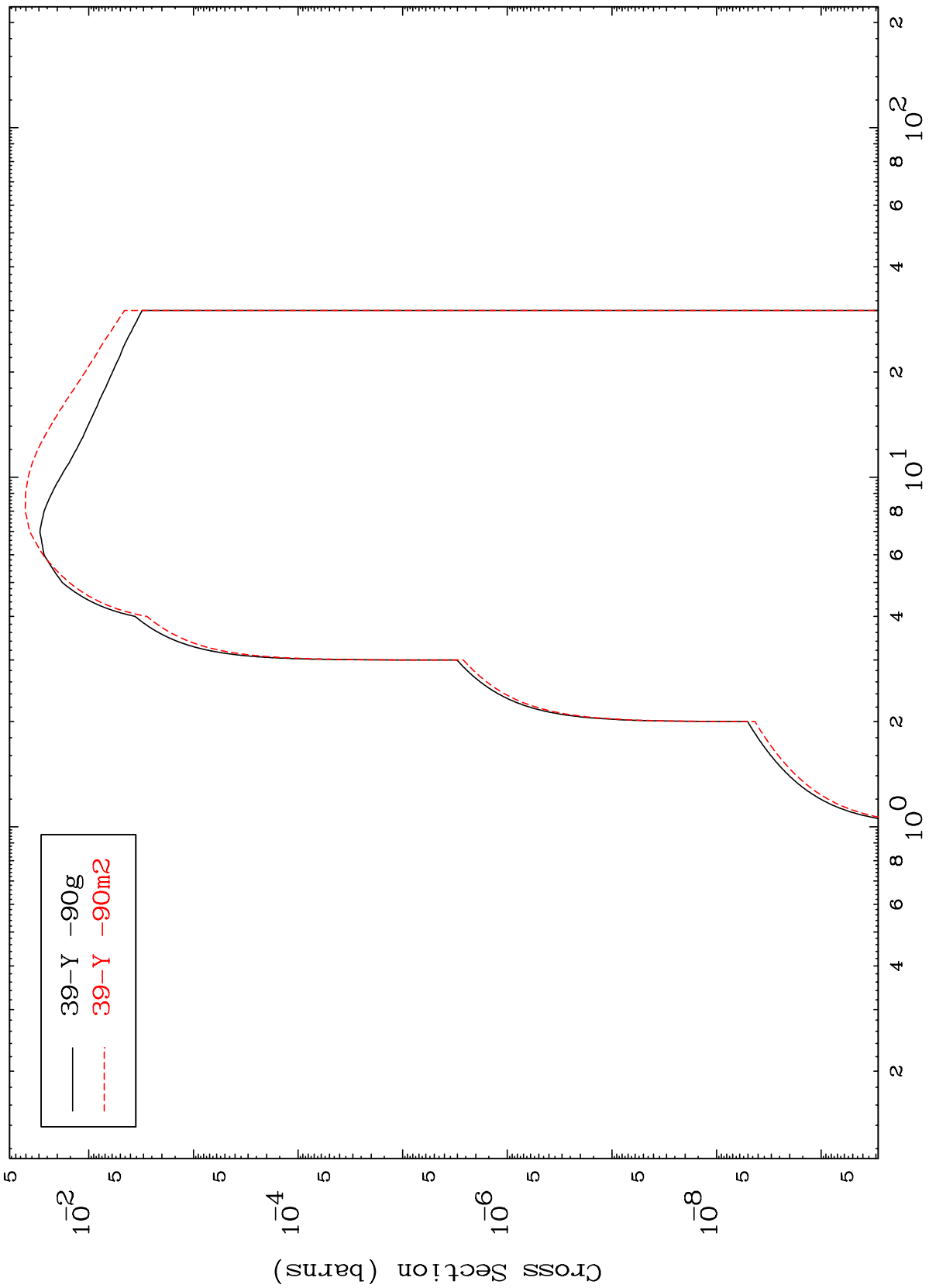
Incident Energy (MeV)

39-Y -89m

MAT 3926

39-Y -89m

(n,p)
Radionuclide Production Cross Section



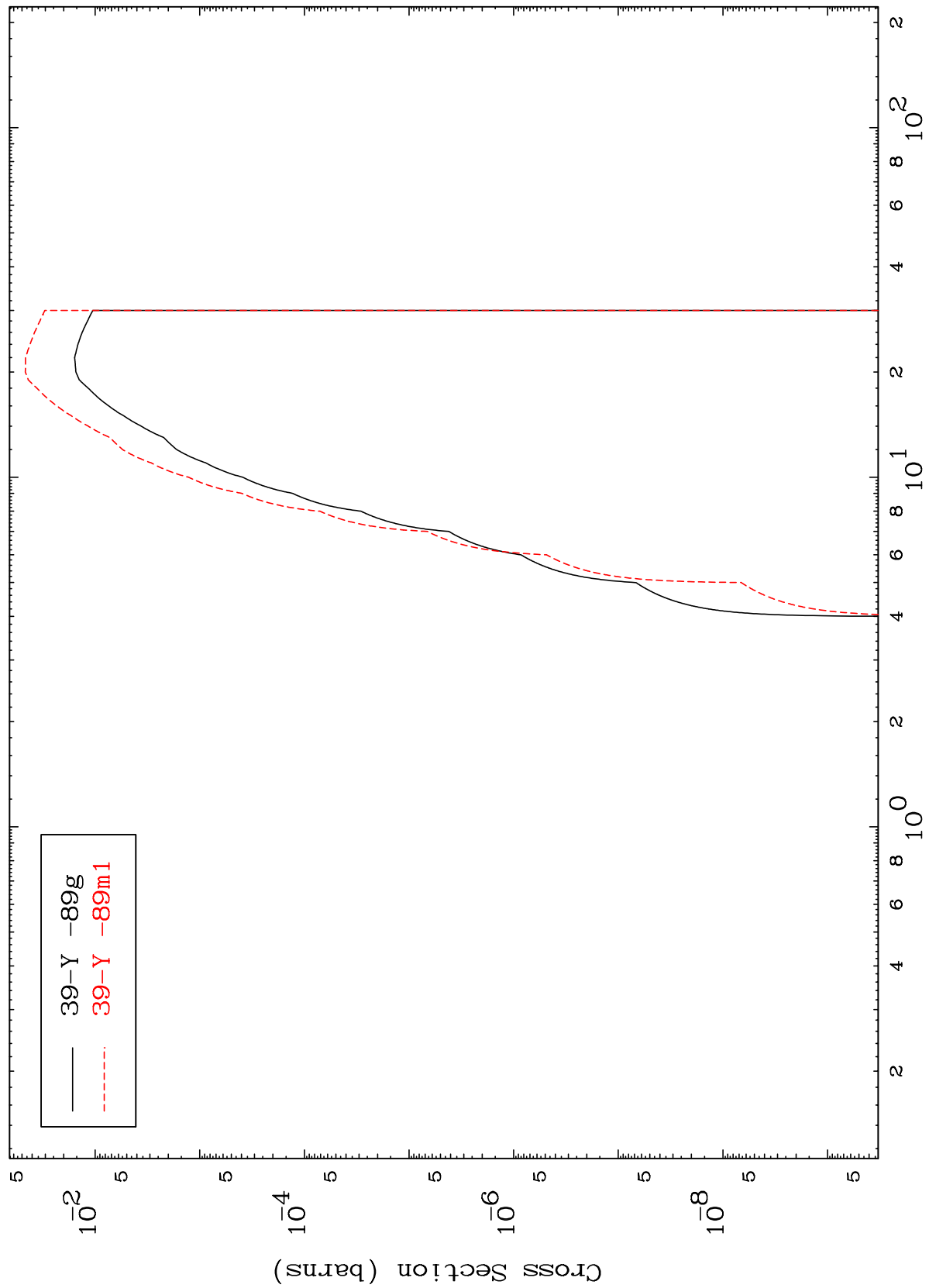
39-Y -89m

Incident Energy (MeV)

MAT 3926

39-Y -89m

(n,d)
Radionuclide Production Cross Section



— 39-Y -89g
- - - 39-Y -89m1

39-Y -89m

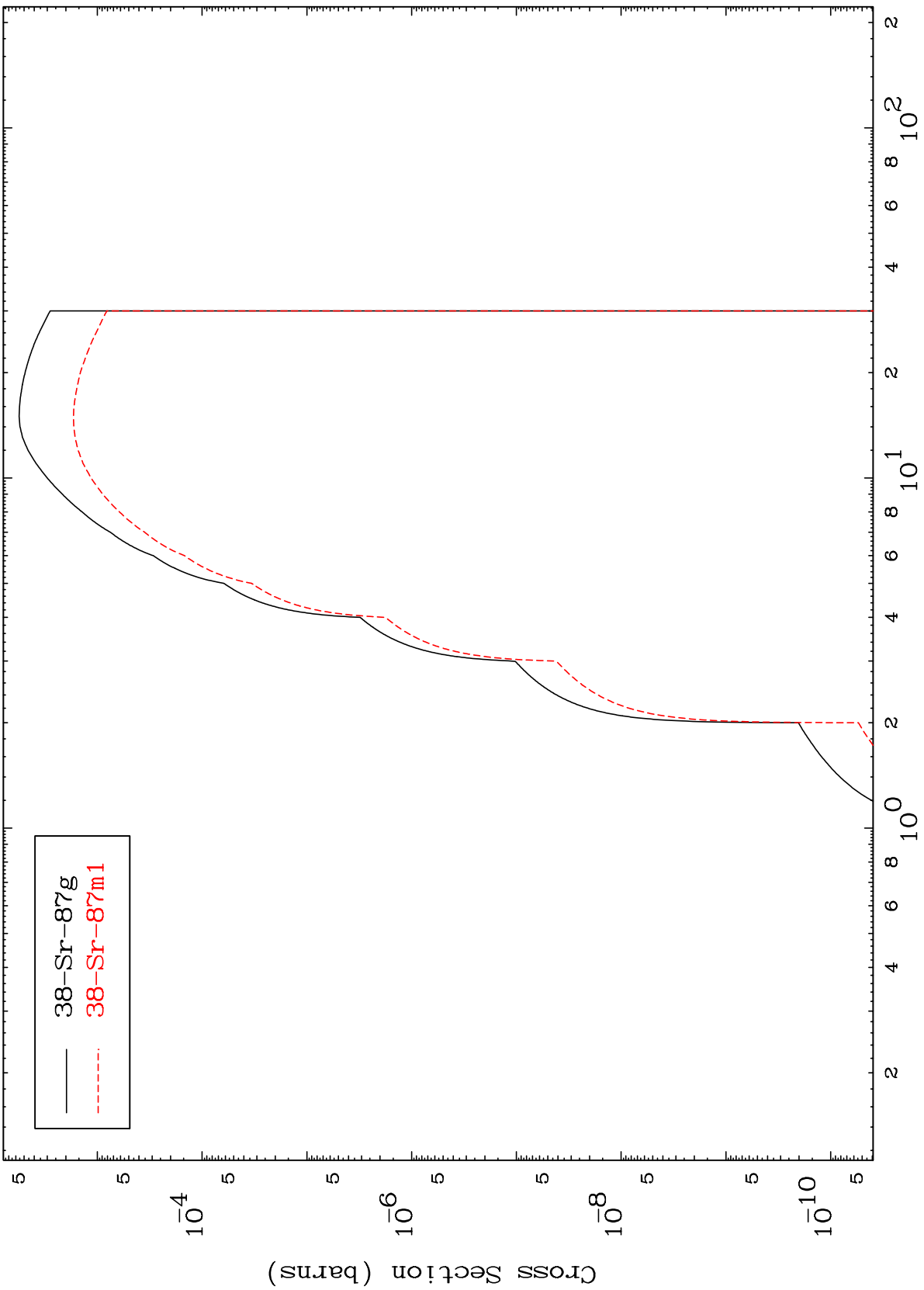
Incident Energy (MeV)

22

MAT 3926

39-Y -89m

(n, α)
Radionuclide Production Cross Section



39-Y -89m

Incident Energy (MeV)

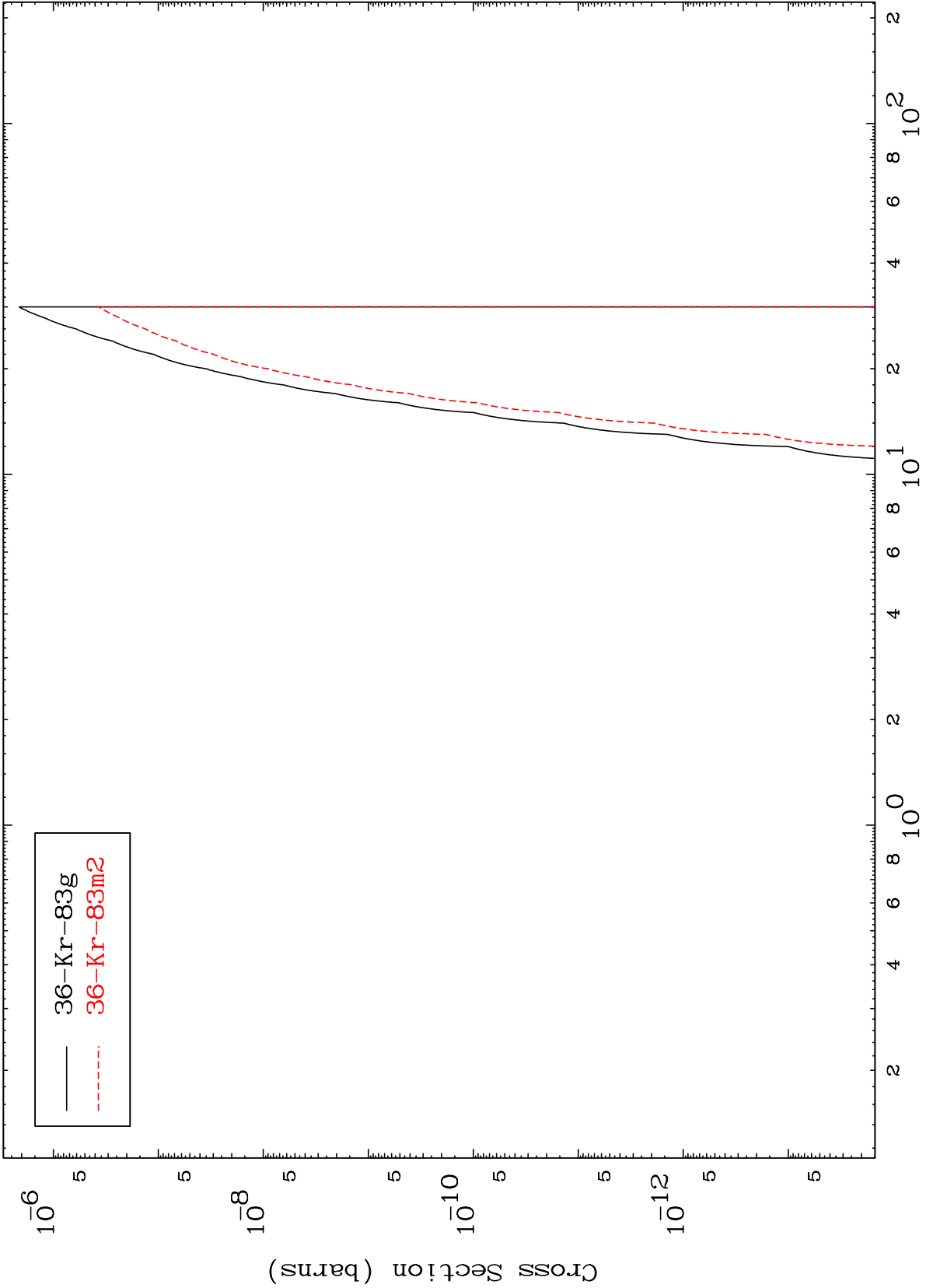
23

MAT 3926

(n,2α)

39-Y -89m

Radionuclide Production Cross Section

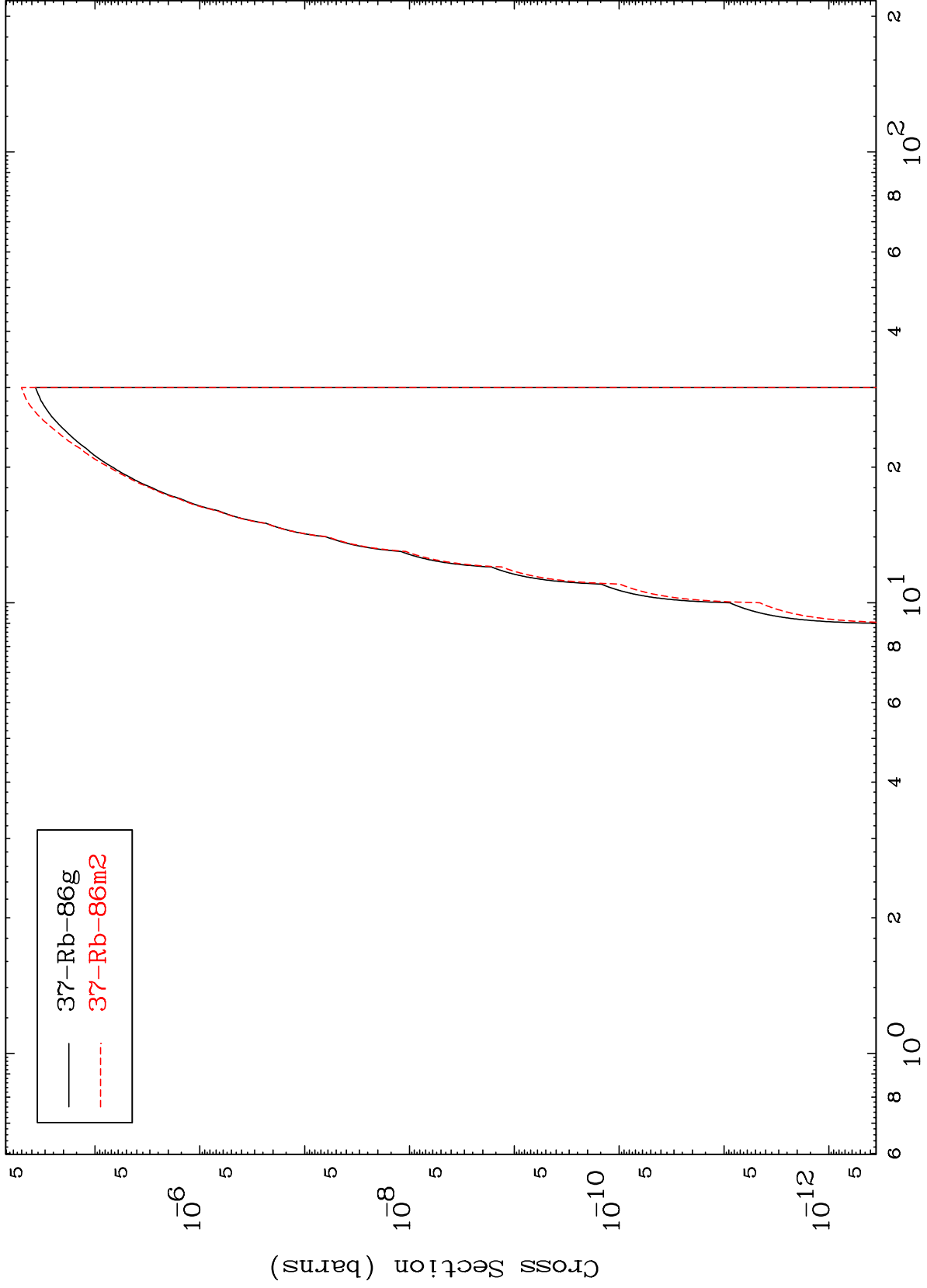


MAT 3926

(n,p) α

39-Y -89m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

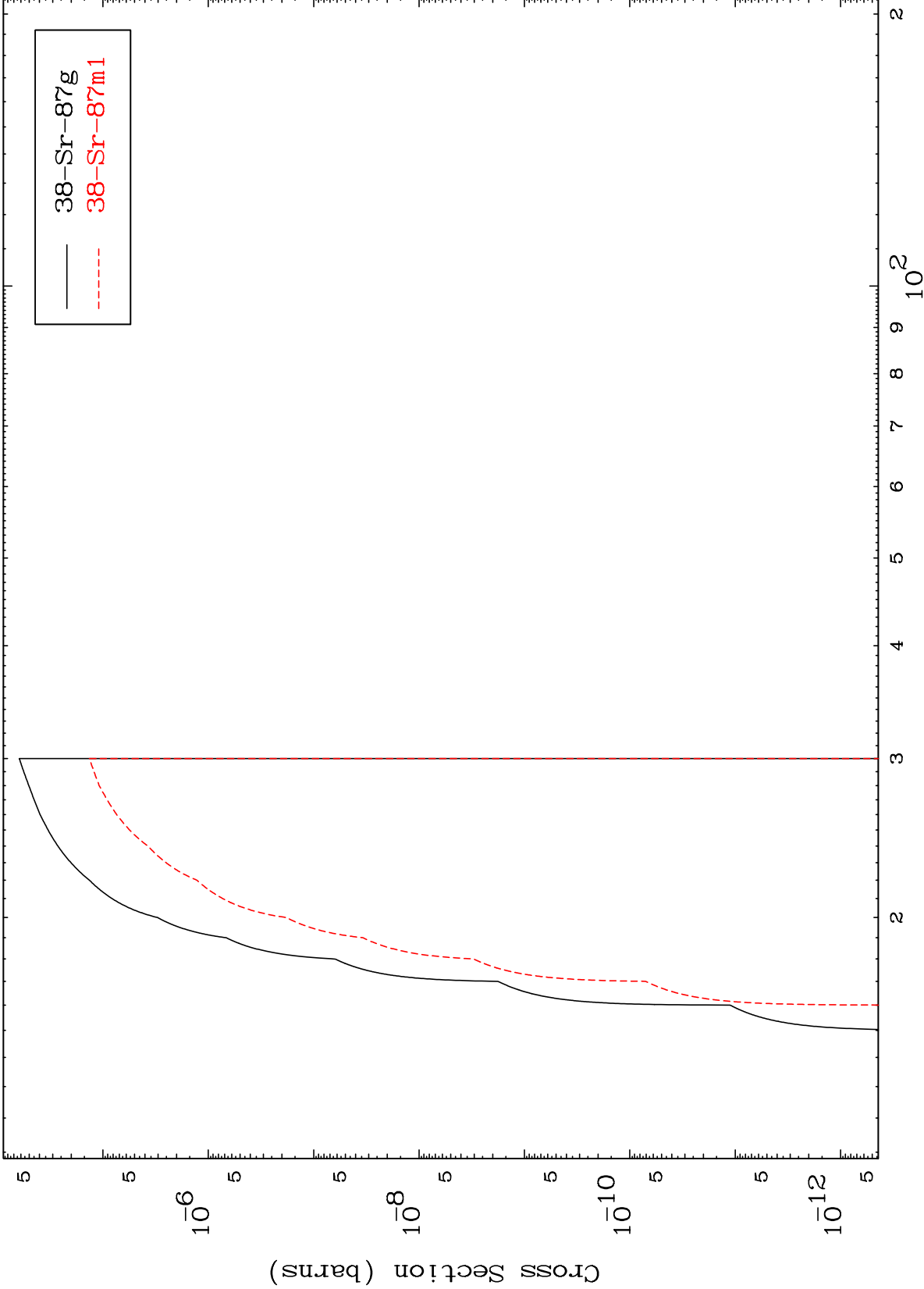
39-Y -89m

MAT 3926

(n,p) t

39-Y -89m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

39-Y -89m