

Program EVALPLOT
(Version 2021-1)

by

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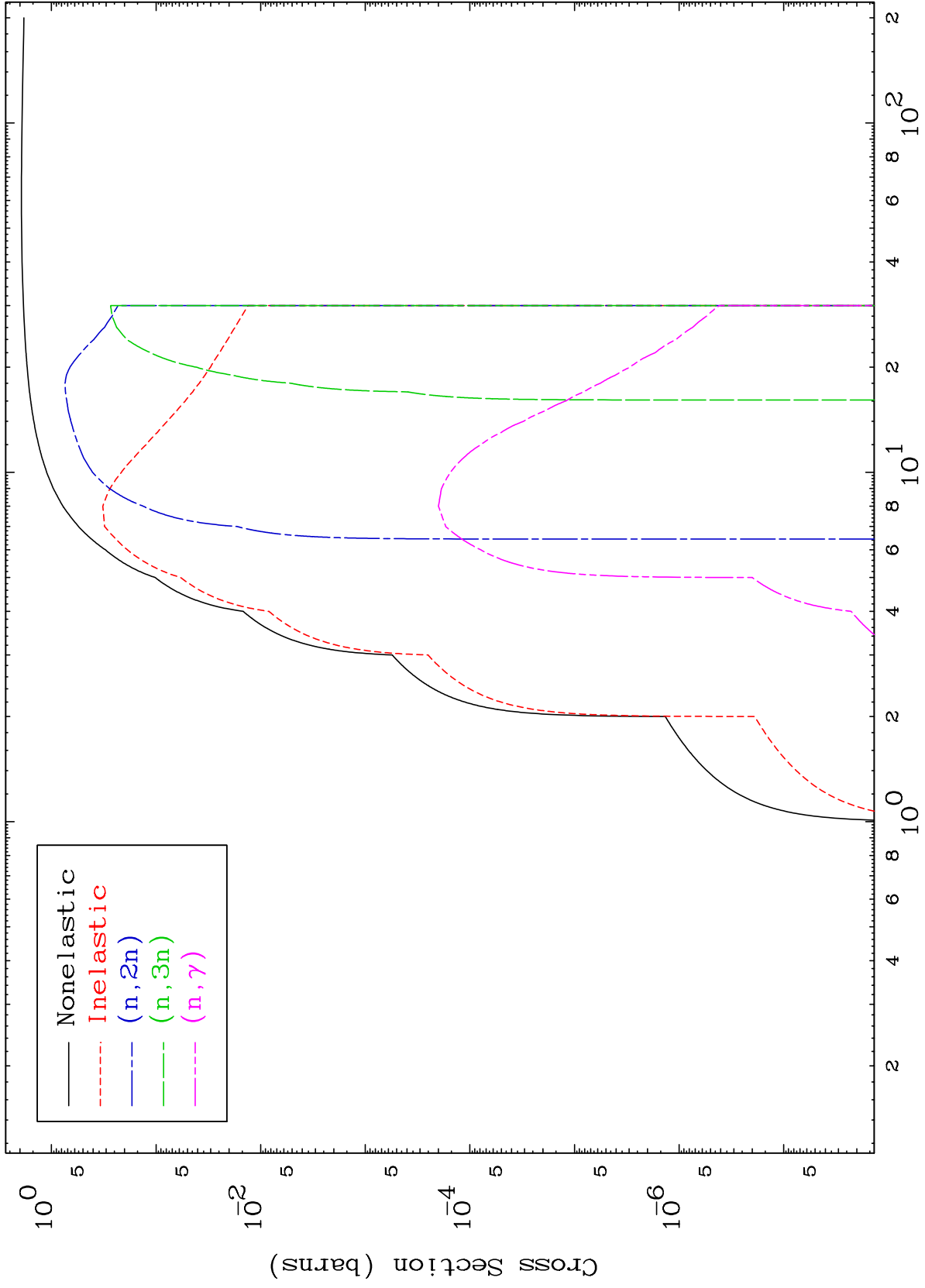
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3920

Deuteron Major
0 Kelvin Cross Sections

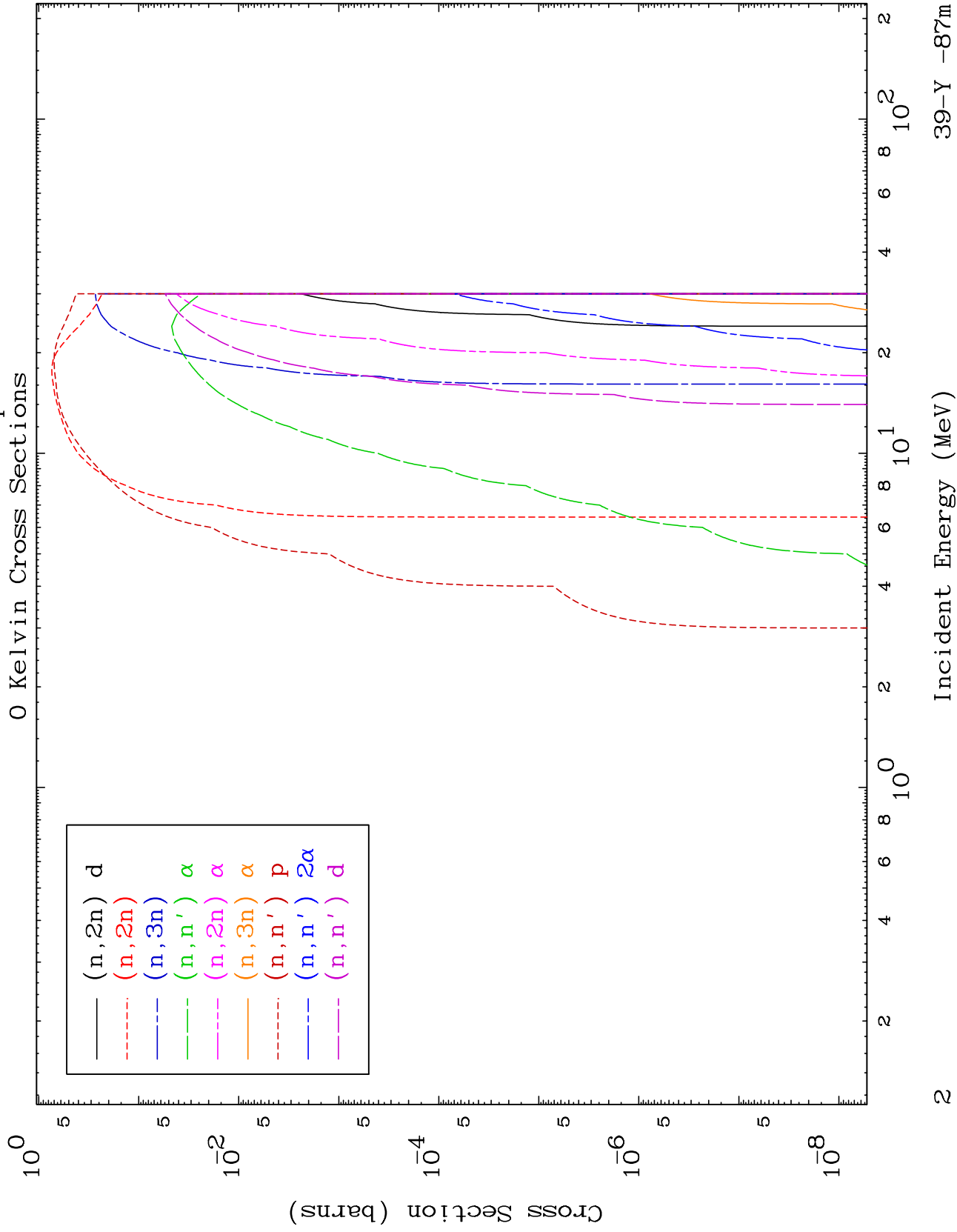
39-Y -87m

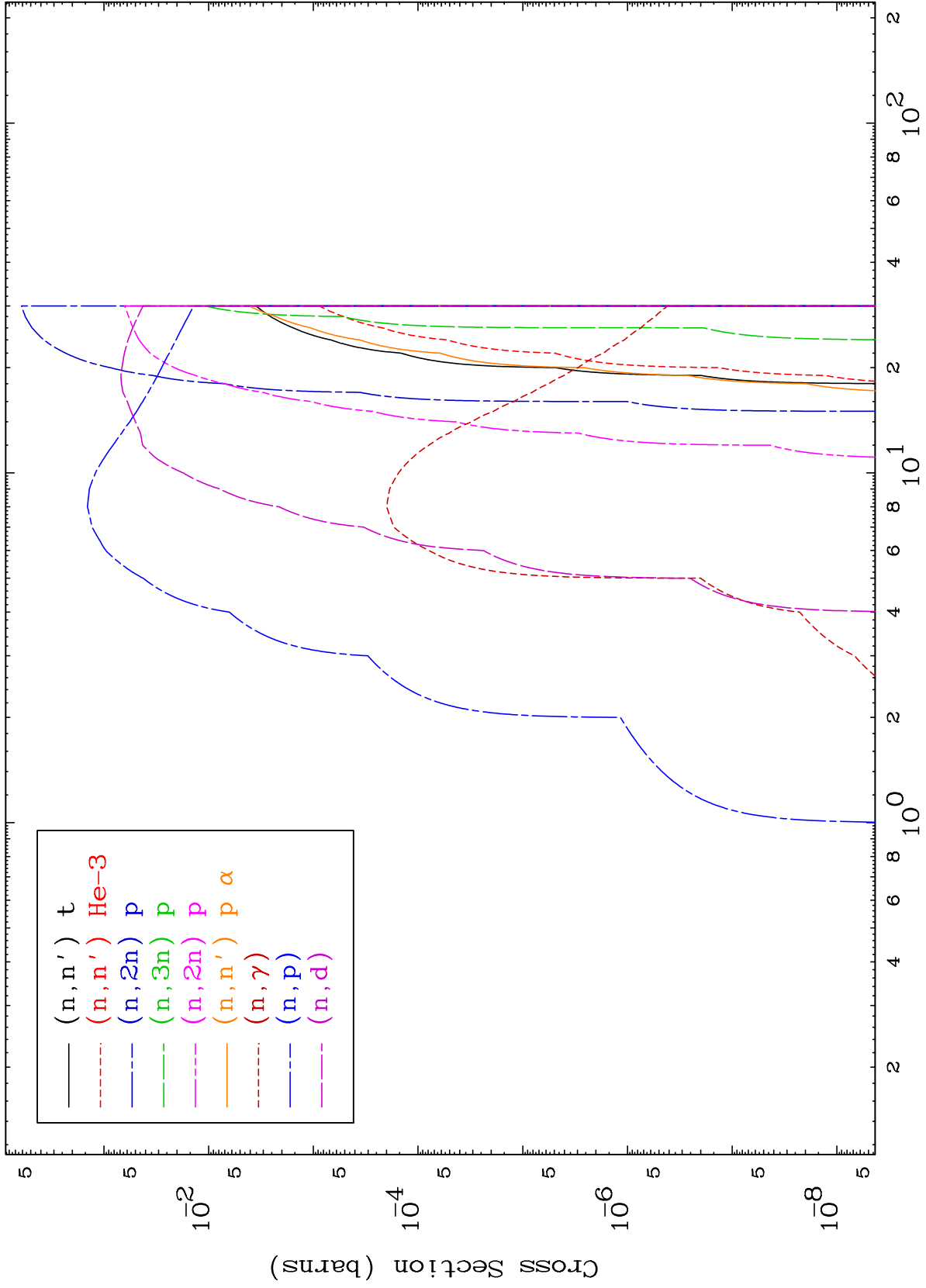


MAT 3920

Deuteron Neutron Absorption
0 Kelvin Cross Sections

39-Y -87m

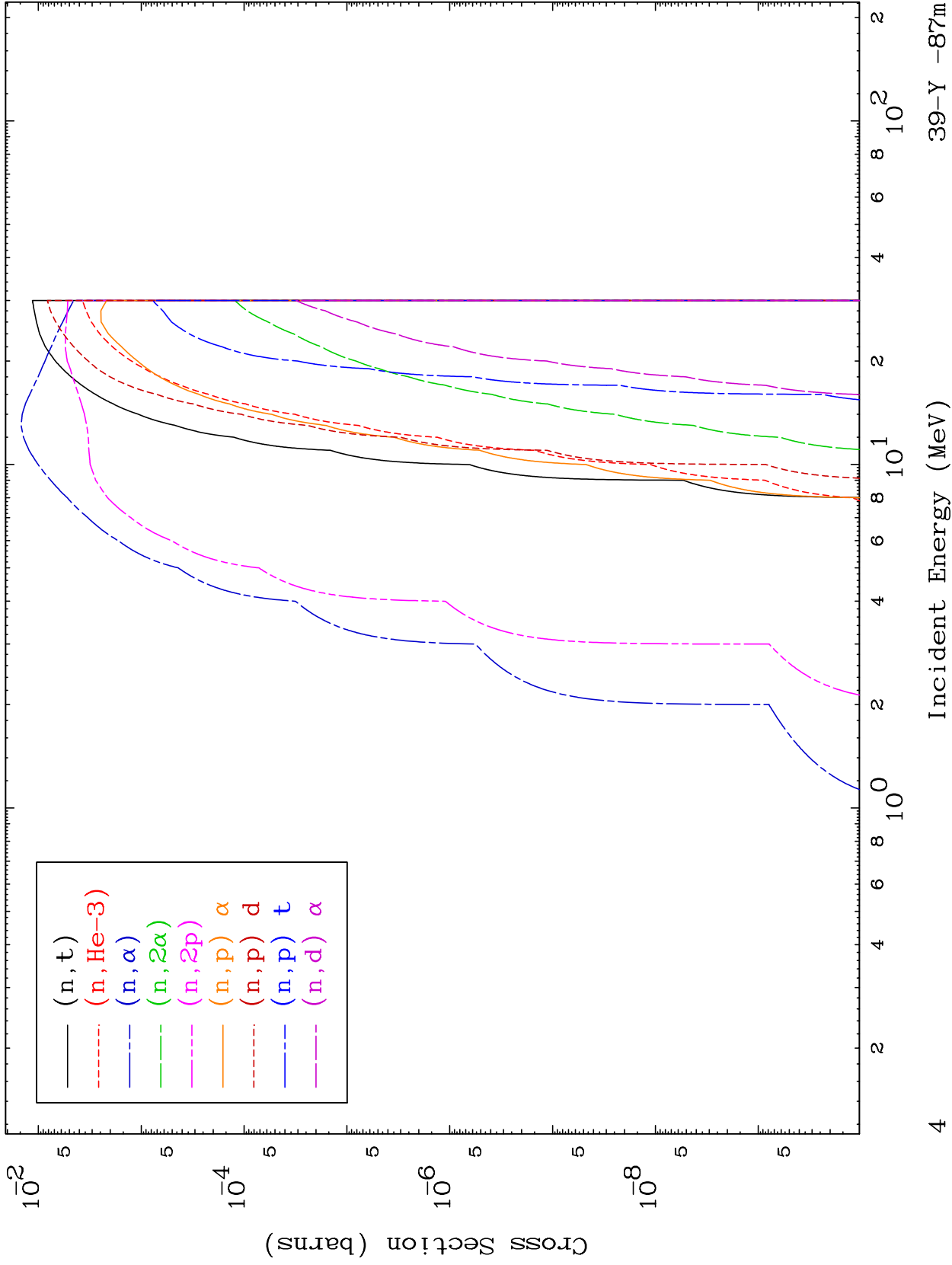


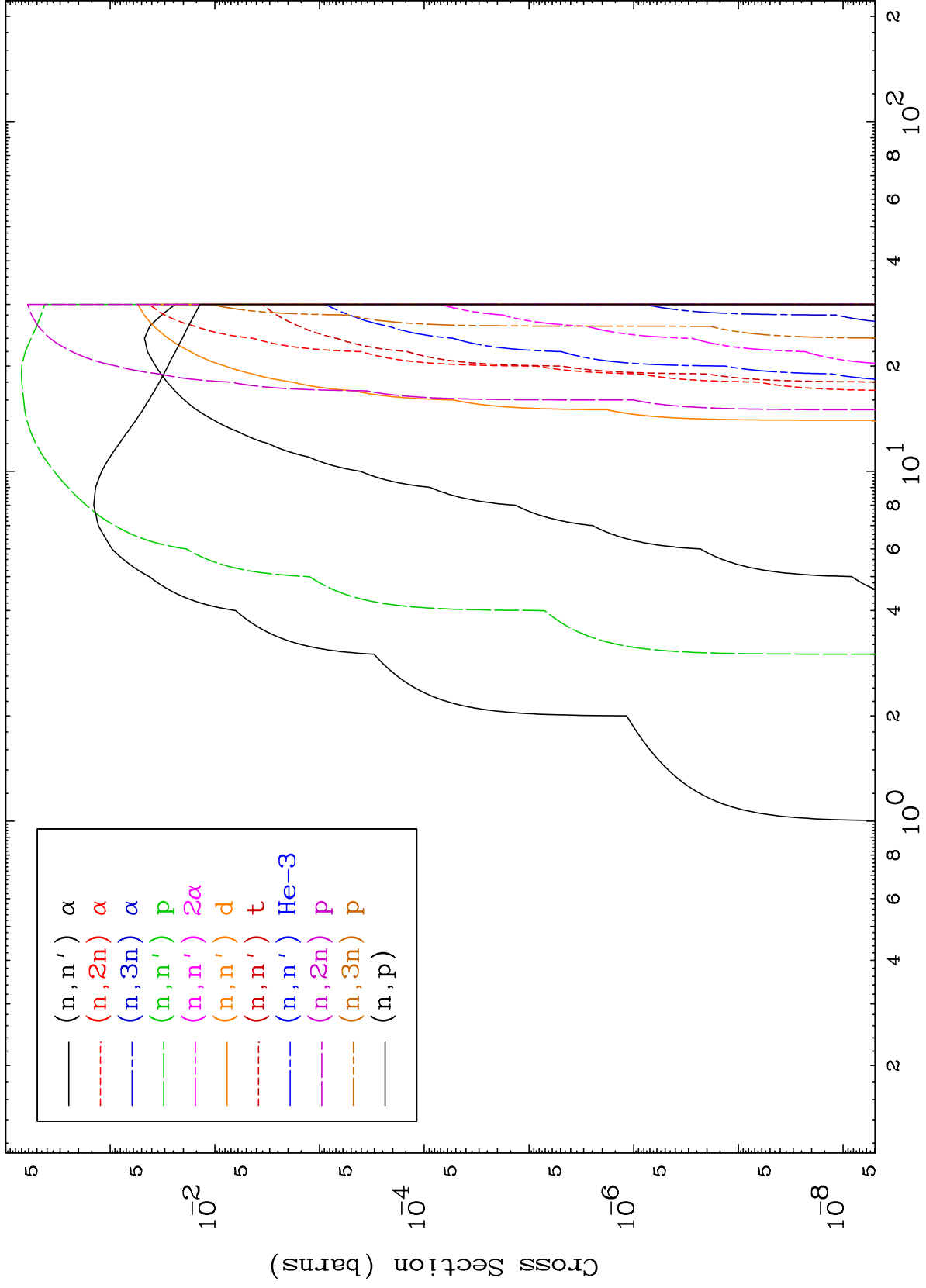


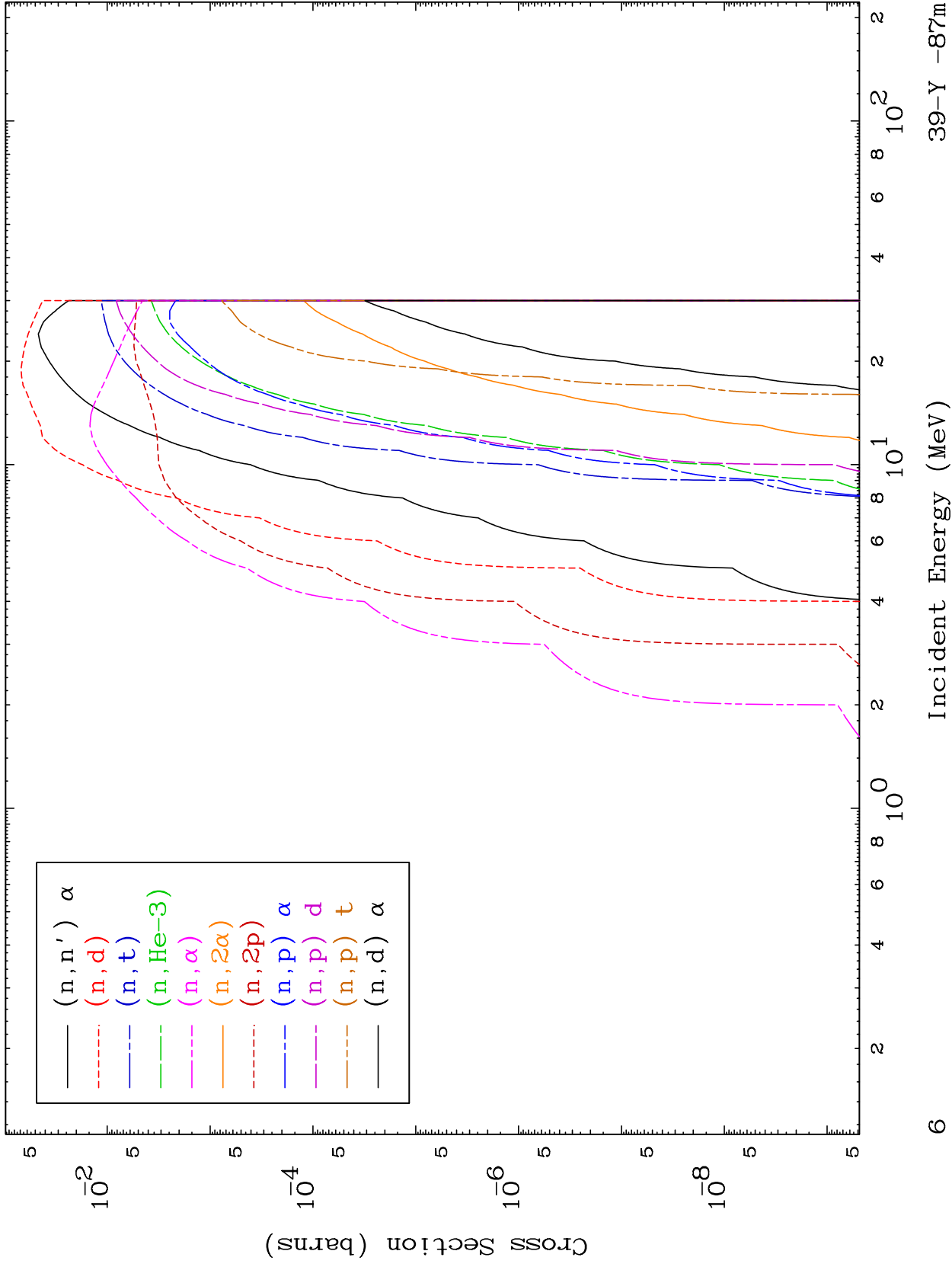
MAT 3920

Deuteron Neutron Absorption
0 Kelvin Cross Sections

39-Y -87m



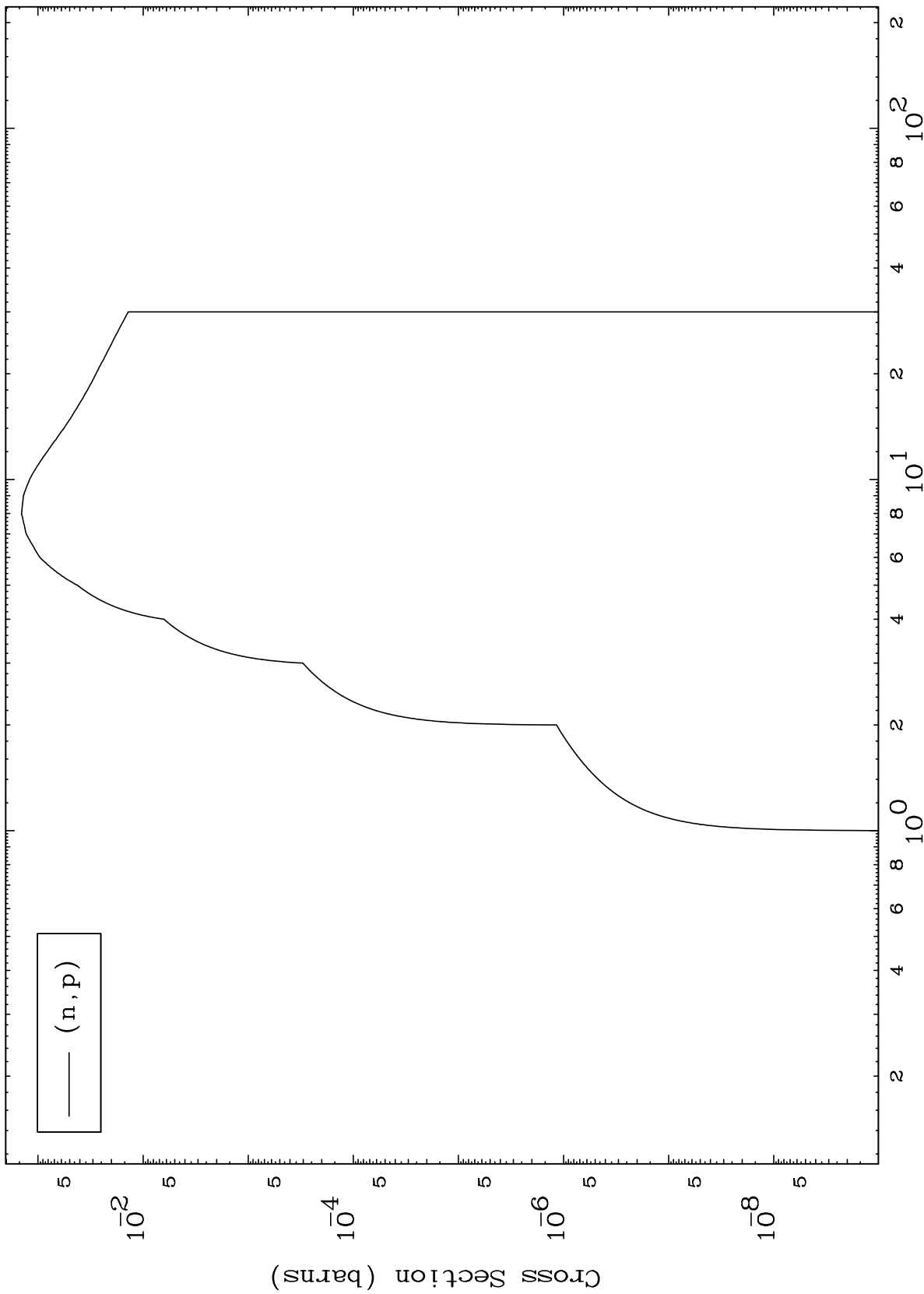




MAT 3920

39-Y -87m

(d,p) Levels
0 Kelvin Cross Sections



39-Y -87m

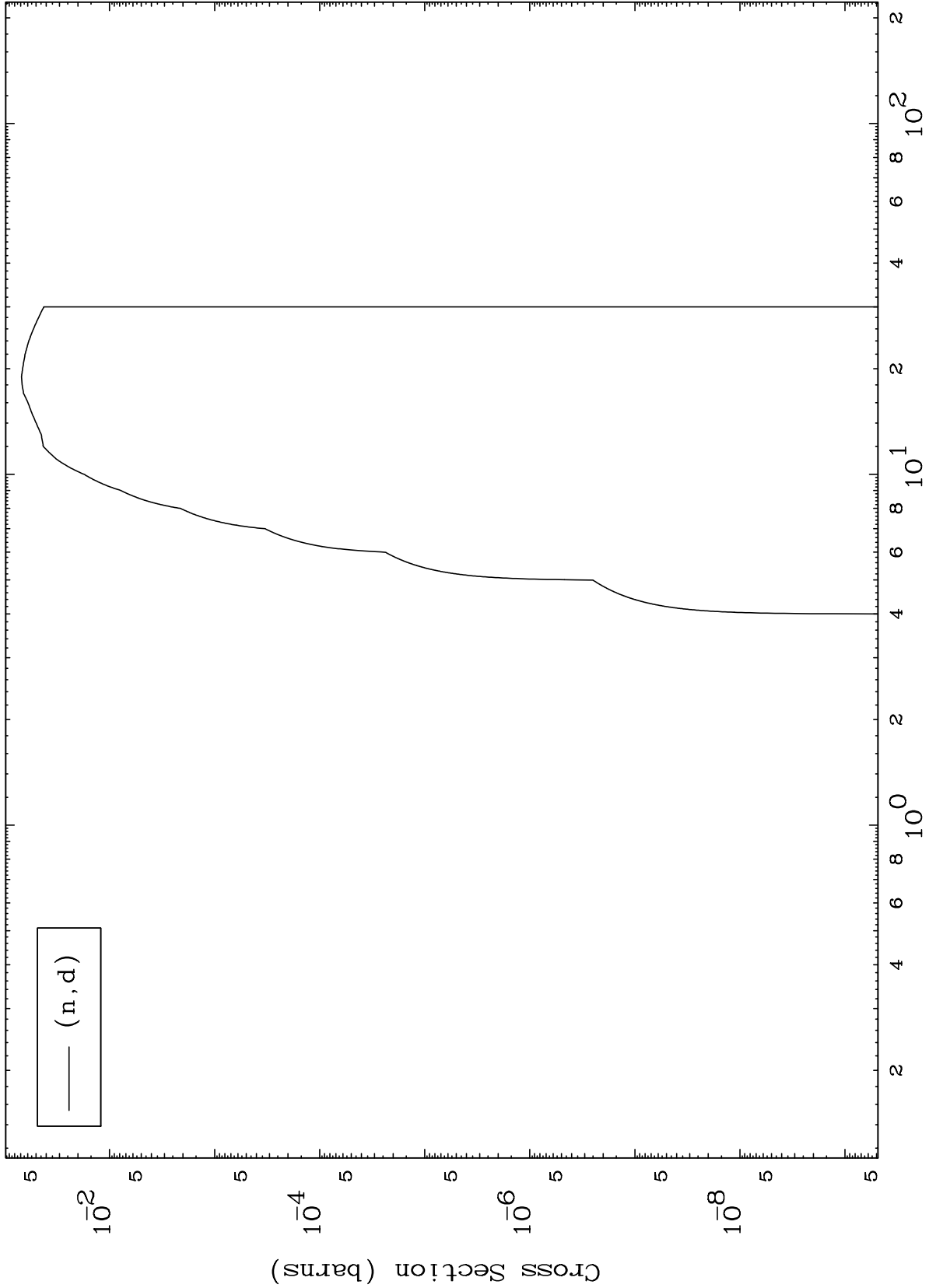
Incident Energy (MeV)

MAT 3920

(d,d) Levels

39-Y -87m

0 Kelvin Cross Sections

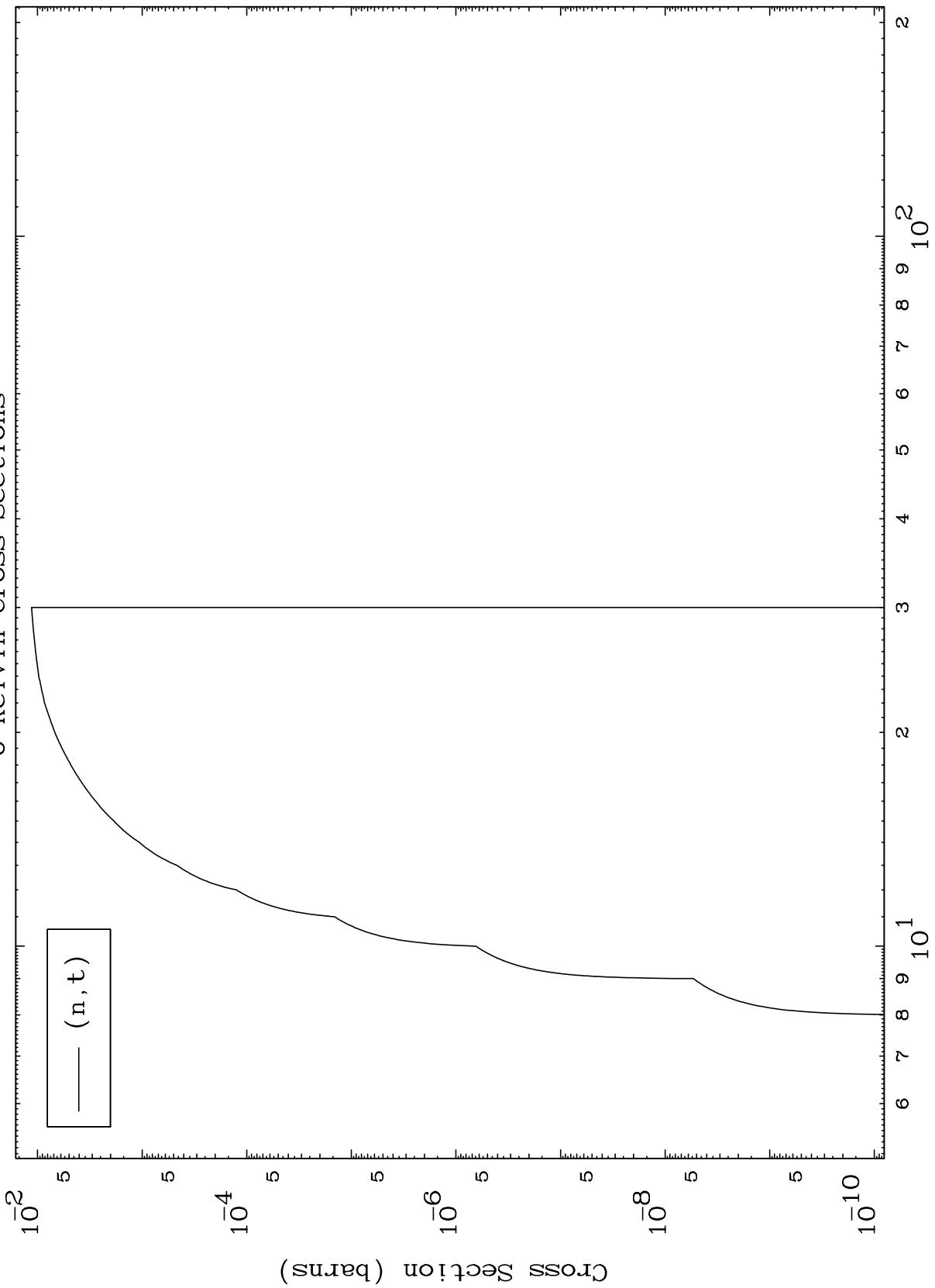


MAT 3920

(d,t) Levels

39-Y -87m

0 Kelvin Cross Sections

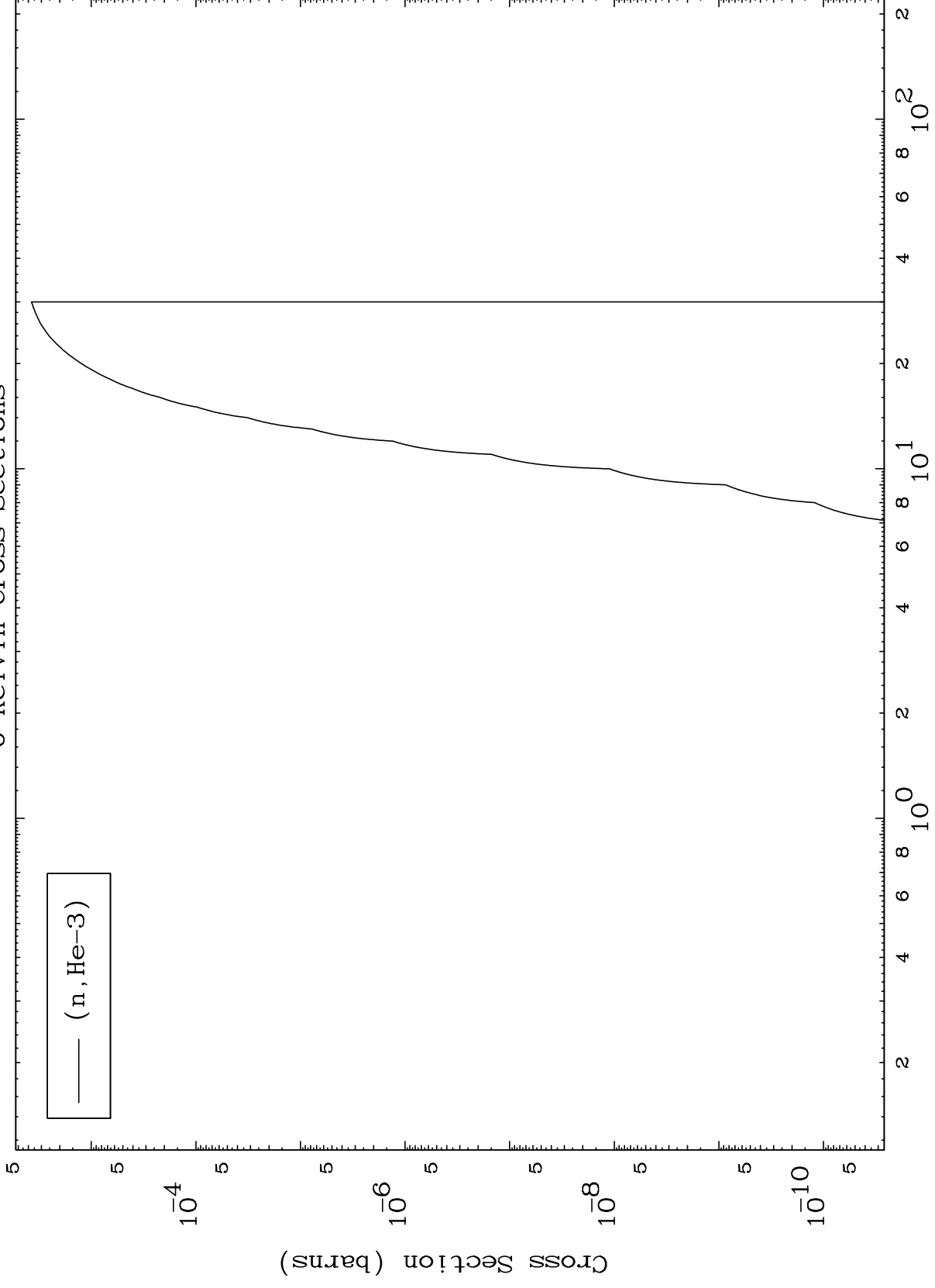


MAT 3920

(d,He3) Levels

39-Y -87m

0 Kelvin Cross Sections



10

Incident Energy (MeV)

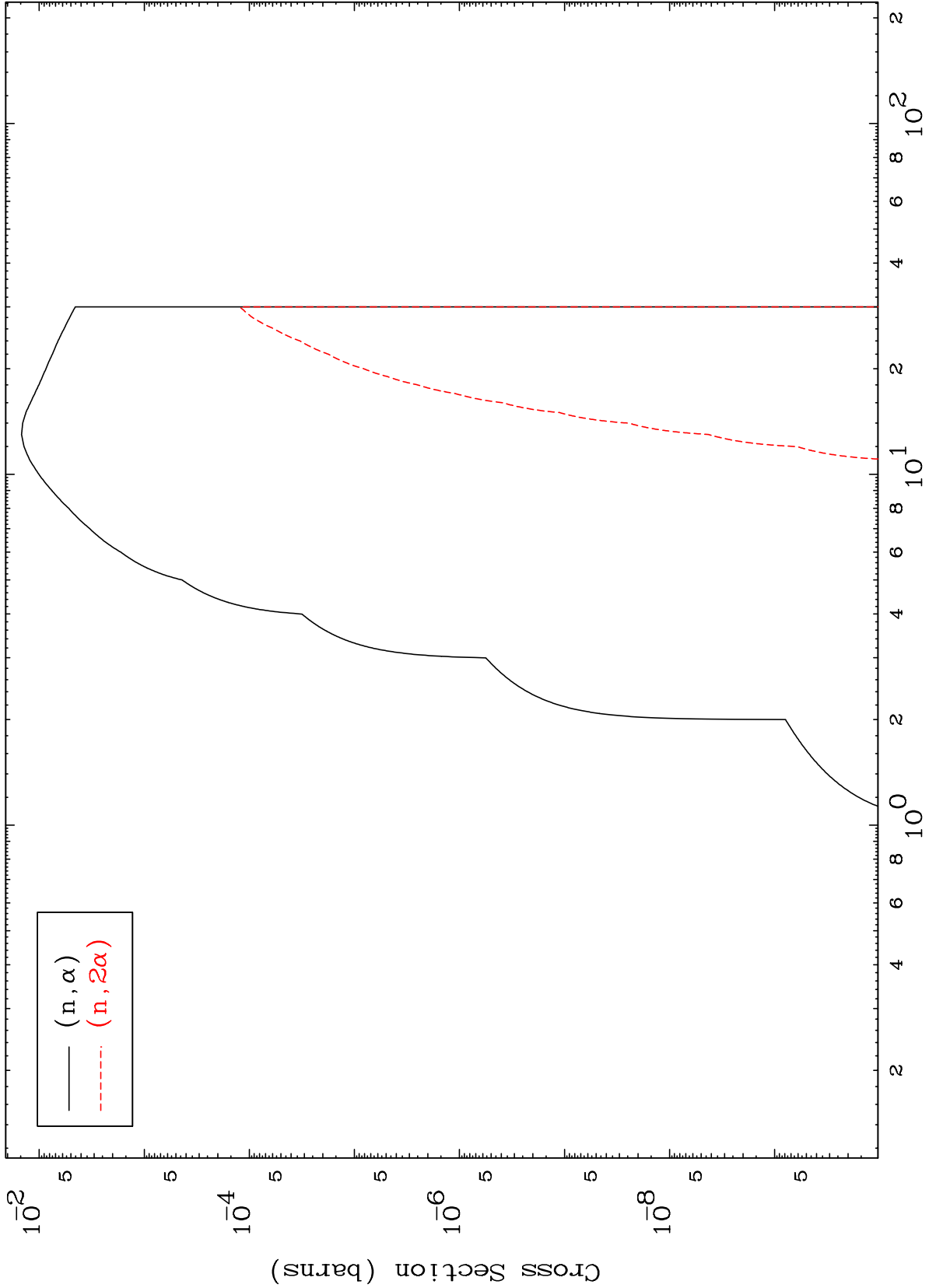
39-Y -87m

MAT 3920

(d, α) Levels

39-Y -87m

0 Kelvin Cross Sections



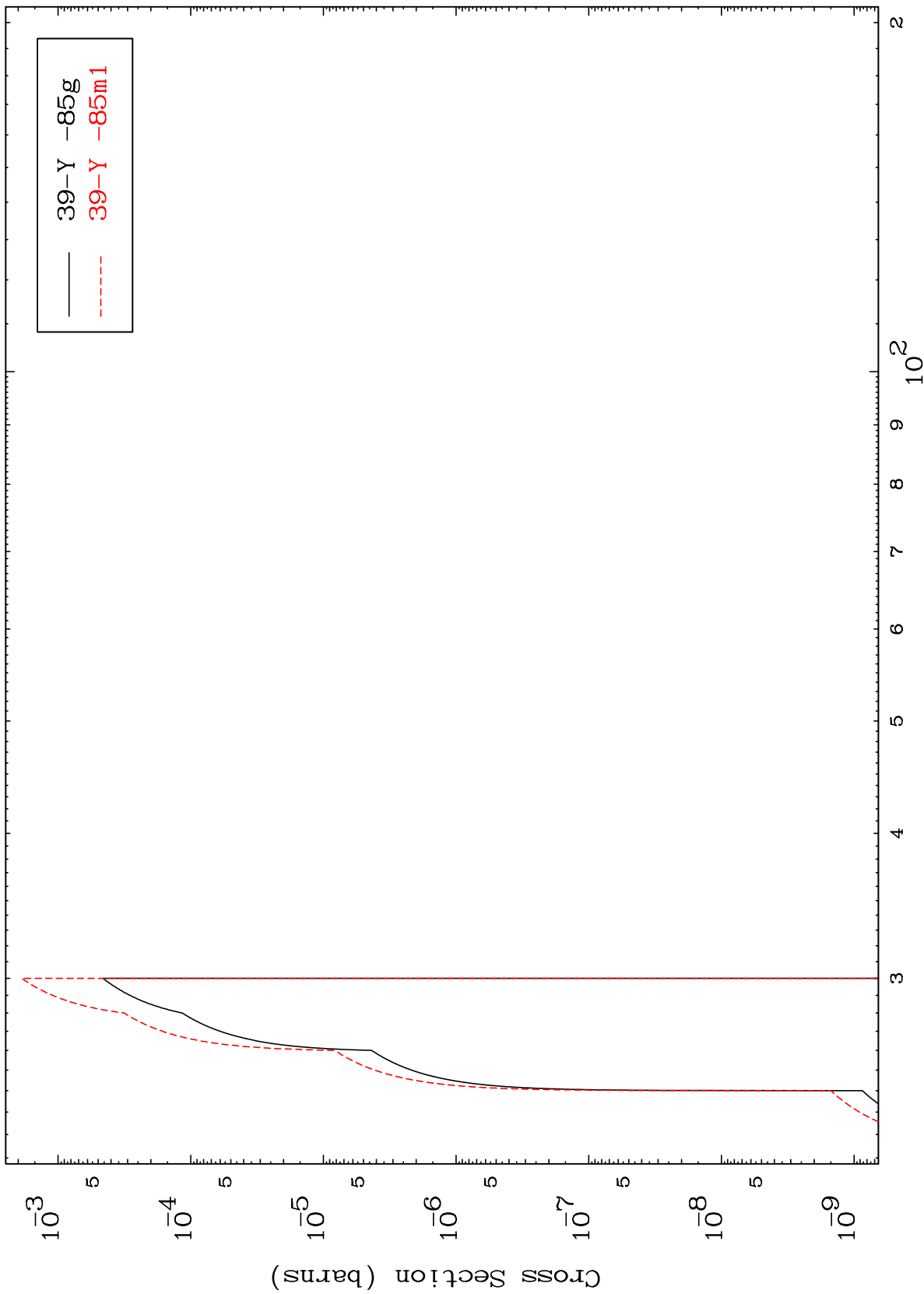
— (n, α)
- - - $(n, 2\alpha)$

MAT 3920

(n,2n) d

39-Y -87m

Radionuclide Production Cross Section



39-Y -85g
39-Y -85m1

12

Incident Energy (MeV)

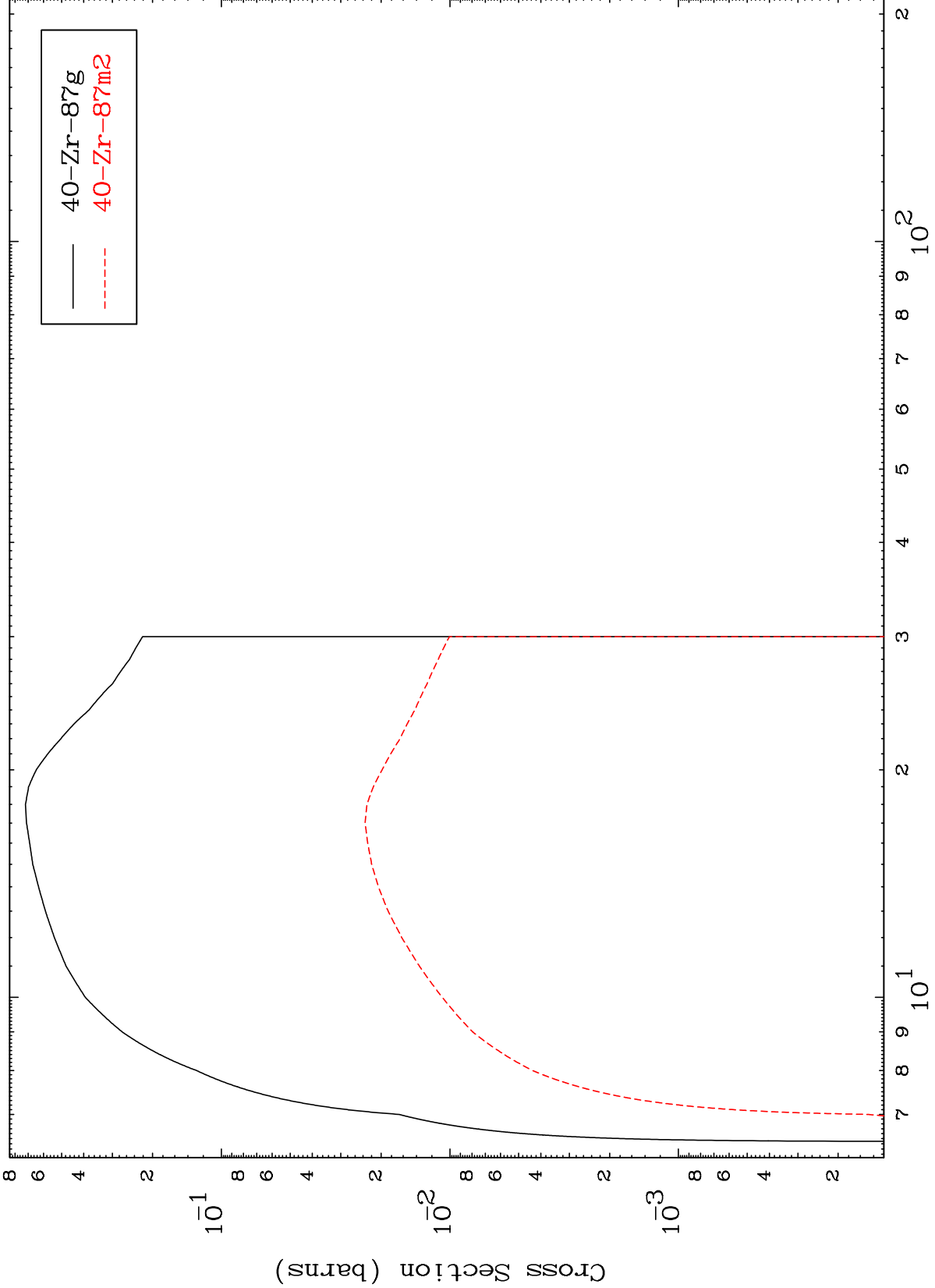
39-Y -87m

MAT 3920

(n,2n)

39-Y -87m

Radionuclide Production Cross Section



40-Zr-87g
40-Zr-87m2

13

Incident Energy (MeV)

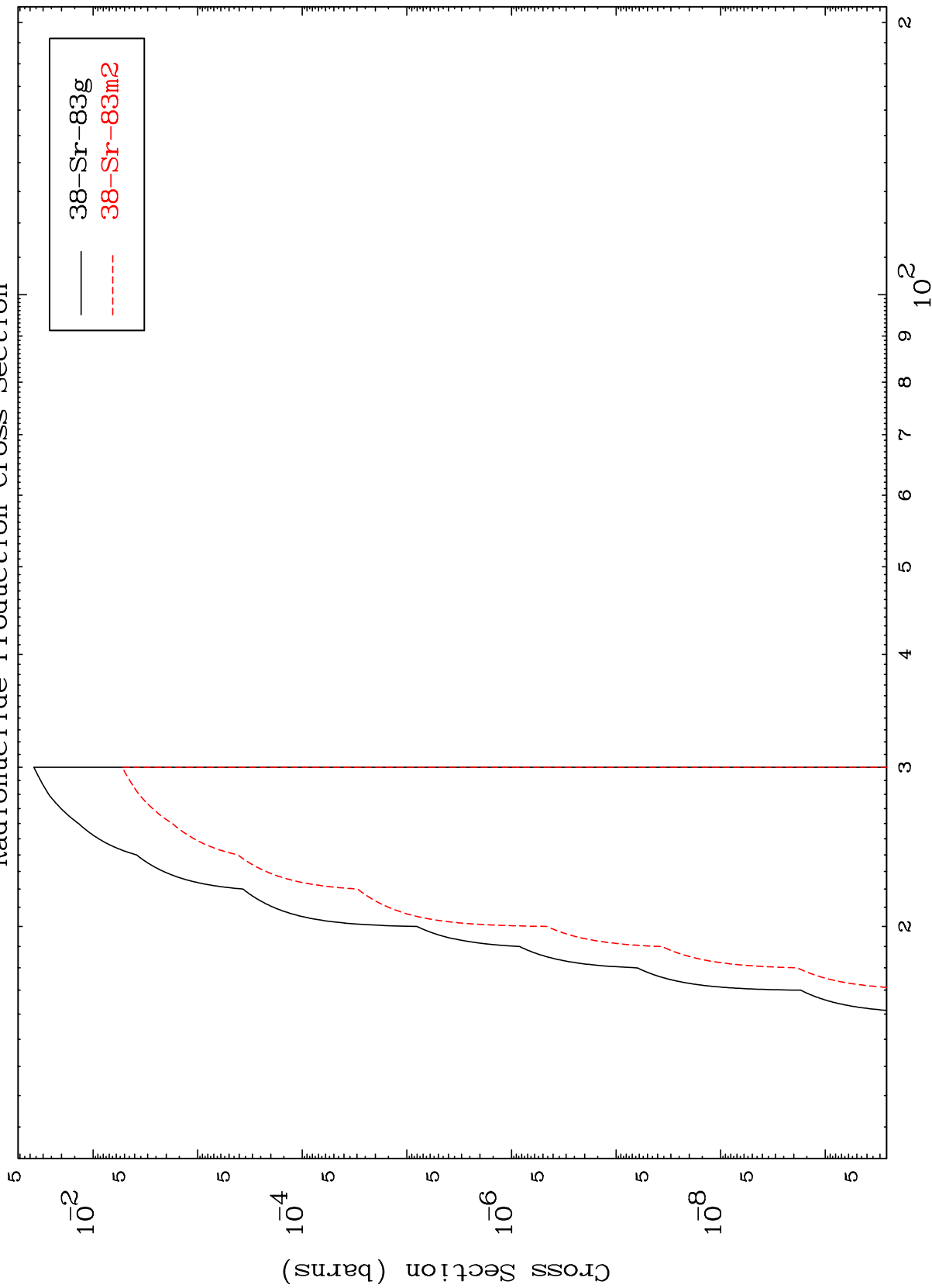
39-Y -87m

MAT 3920

$(n,2n) \alpha$

39-Y -87m

Radionuclide Production Cross Section



14

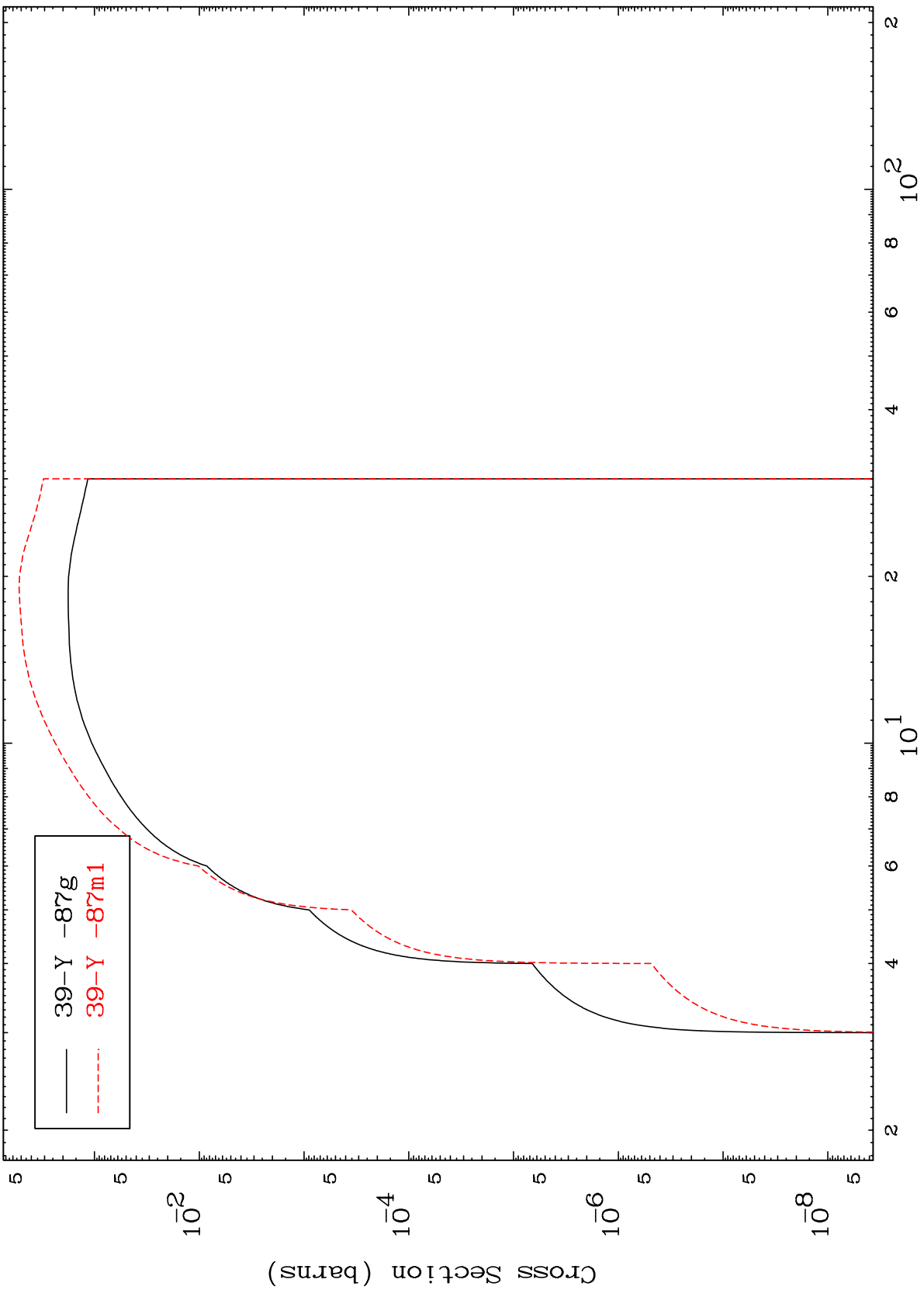
Incident Energy (MeV)

39-Y -87m

MAT 3920

39-Y -87m

Radionuclide Production Cross Section



39-Y -87m

Incident Energy (MeV)

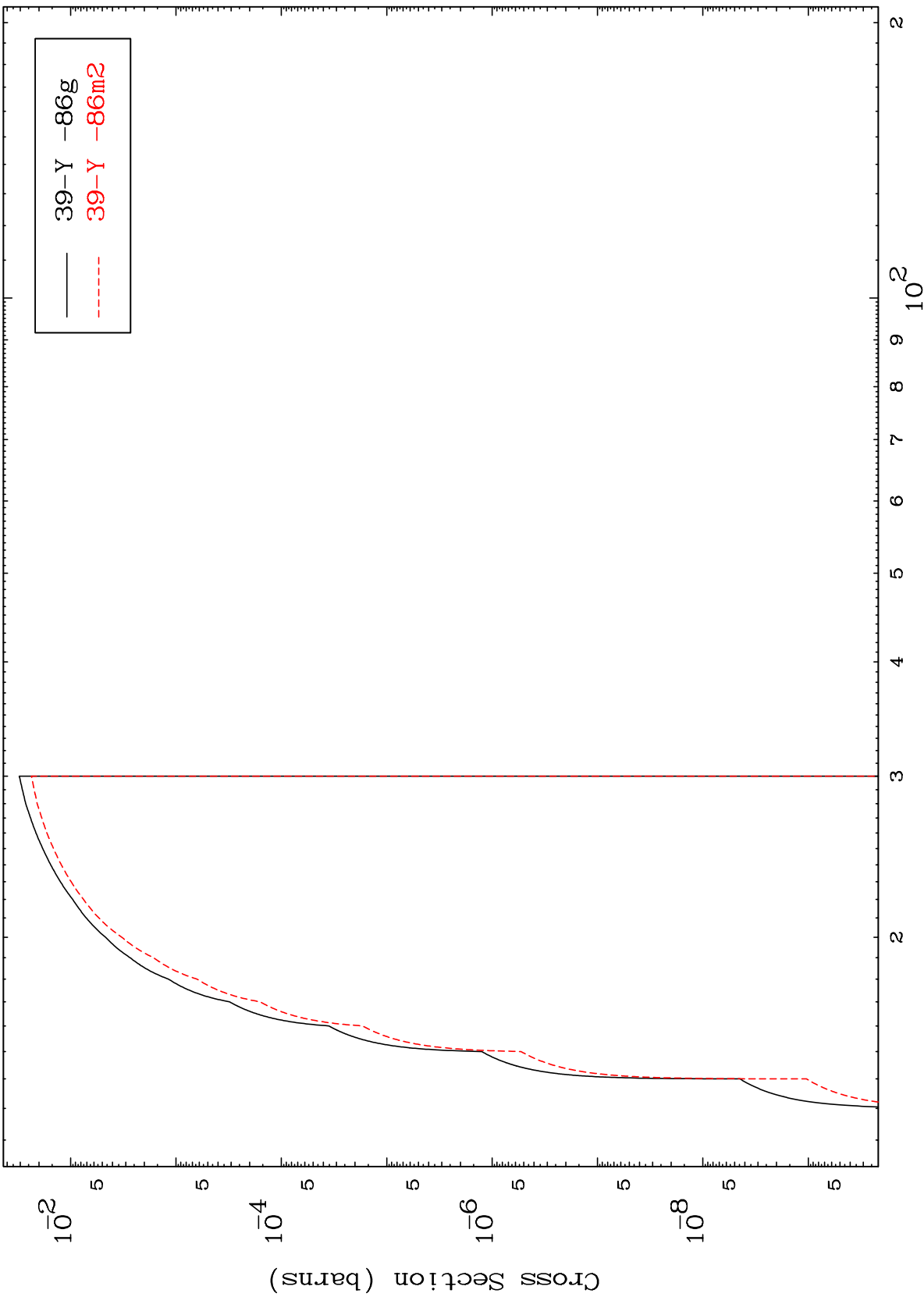
15

MAT 3920

(n,n') d

39-Y -87m

Radionuclide Production Cross Section



16

Incident Energy (MeV)

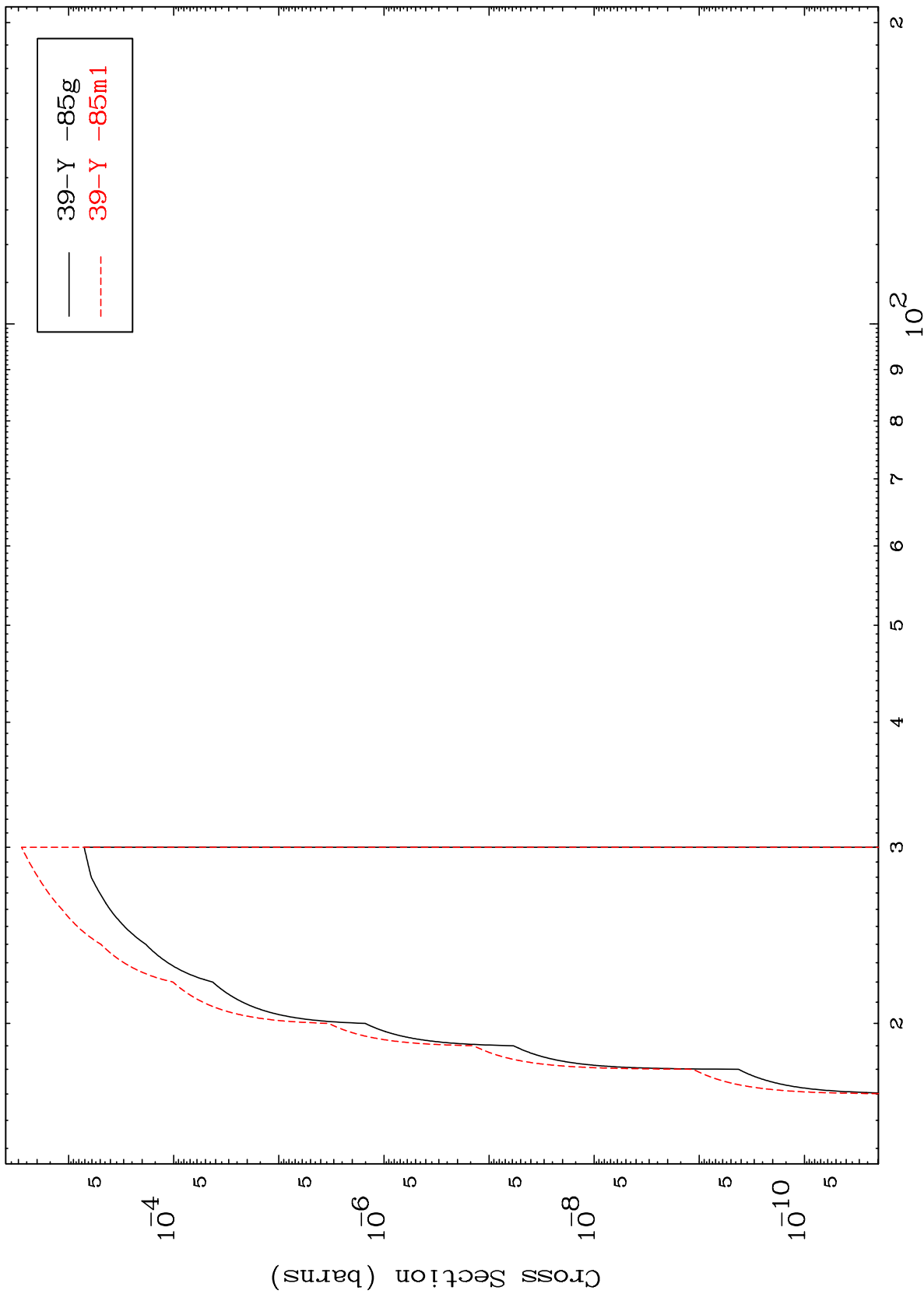
39-Y -87m

MAT 3920

(n,n') t

39-Y -87m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

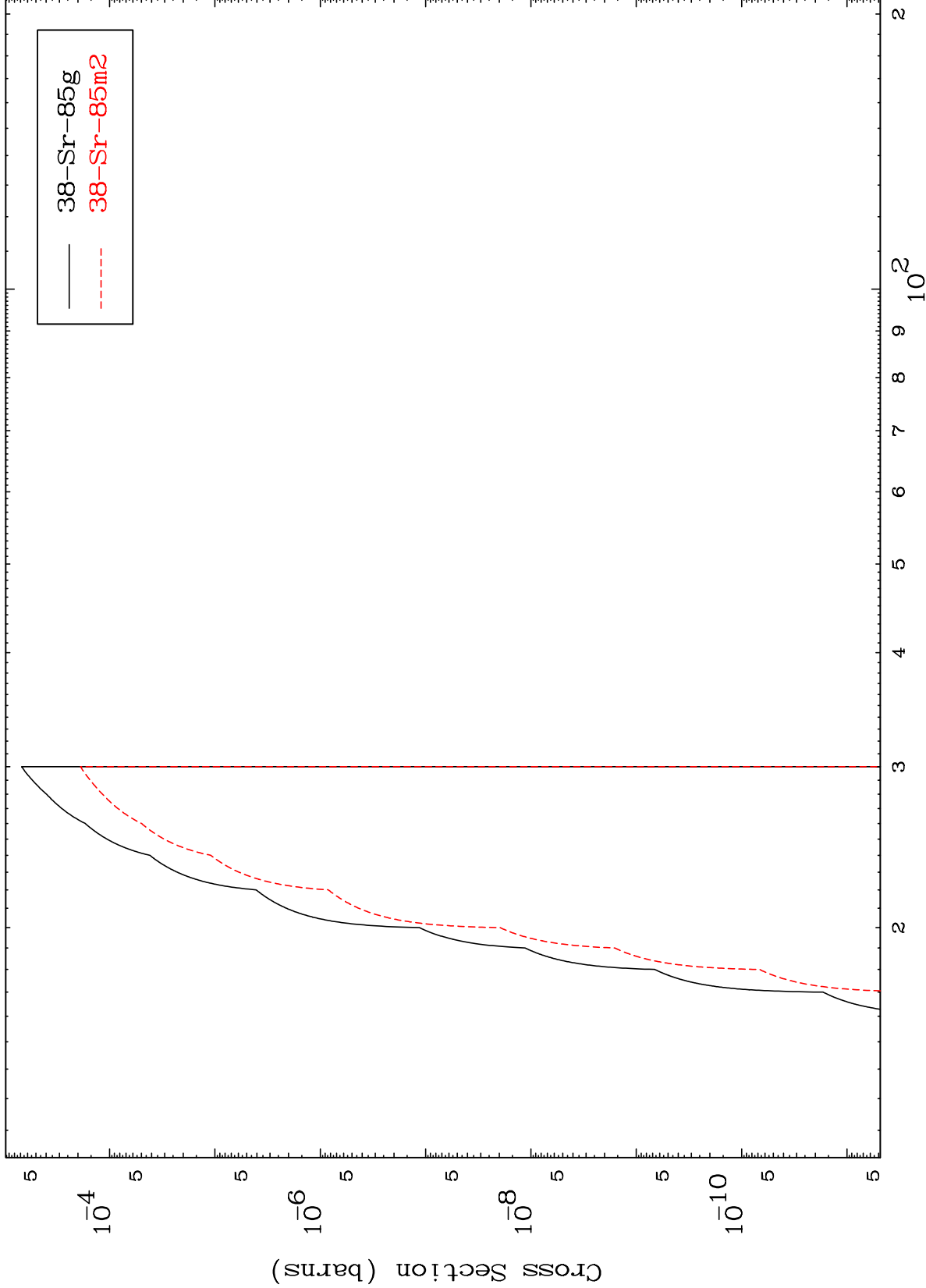
39-Y -87m

MAT 3920

(n,n') He-3

39-Y -87m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

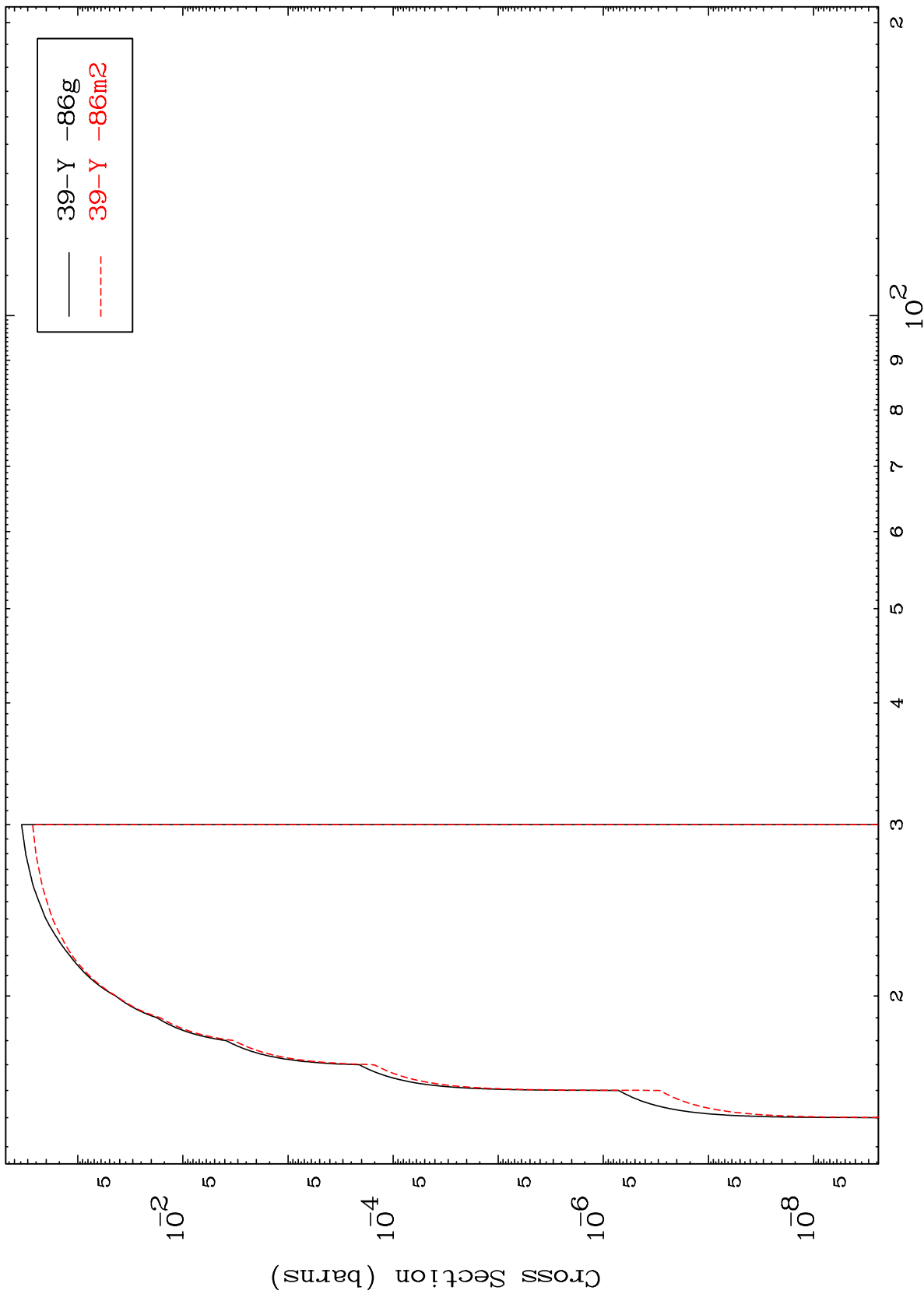
39-Y -87m

MAT 3920

(n,2n) p

39-Y -87m

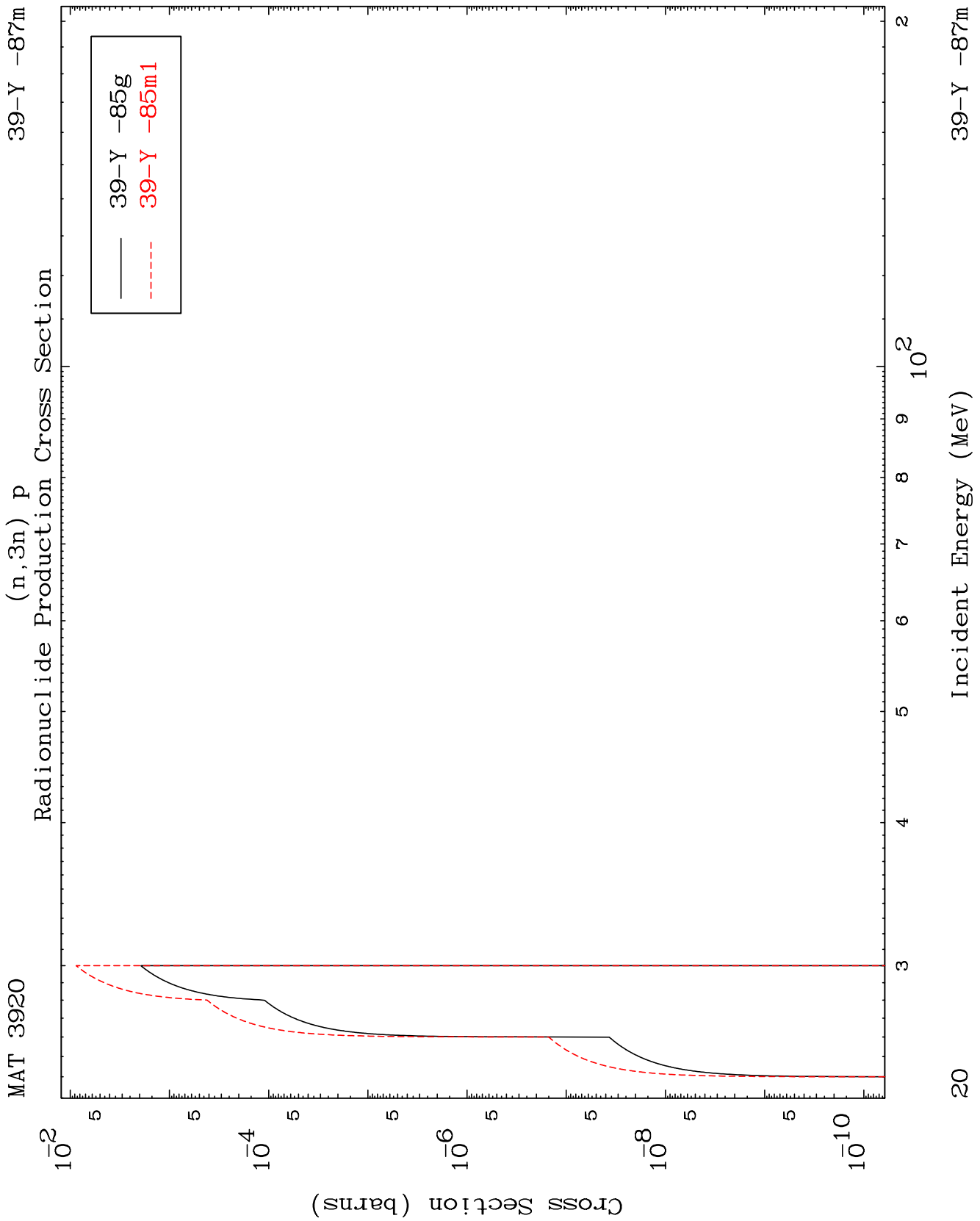
Radionuclide Production Cross Section



19

Incident Energy (MeV)

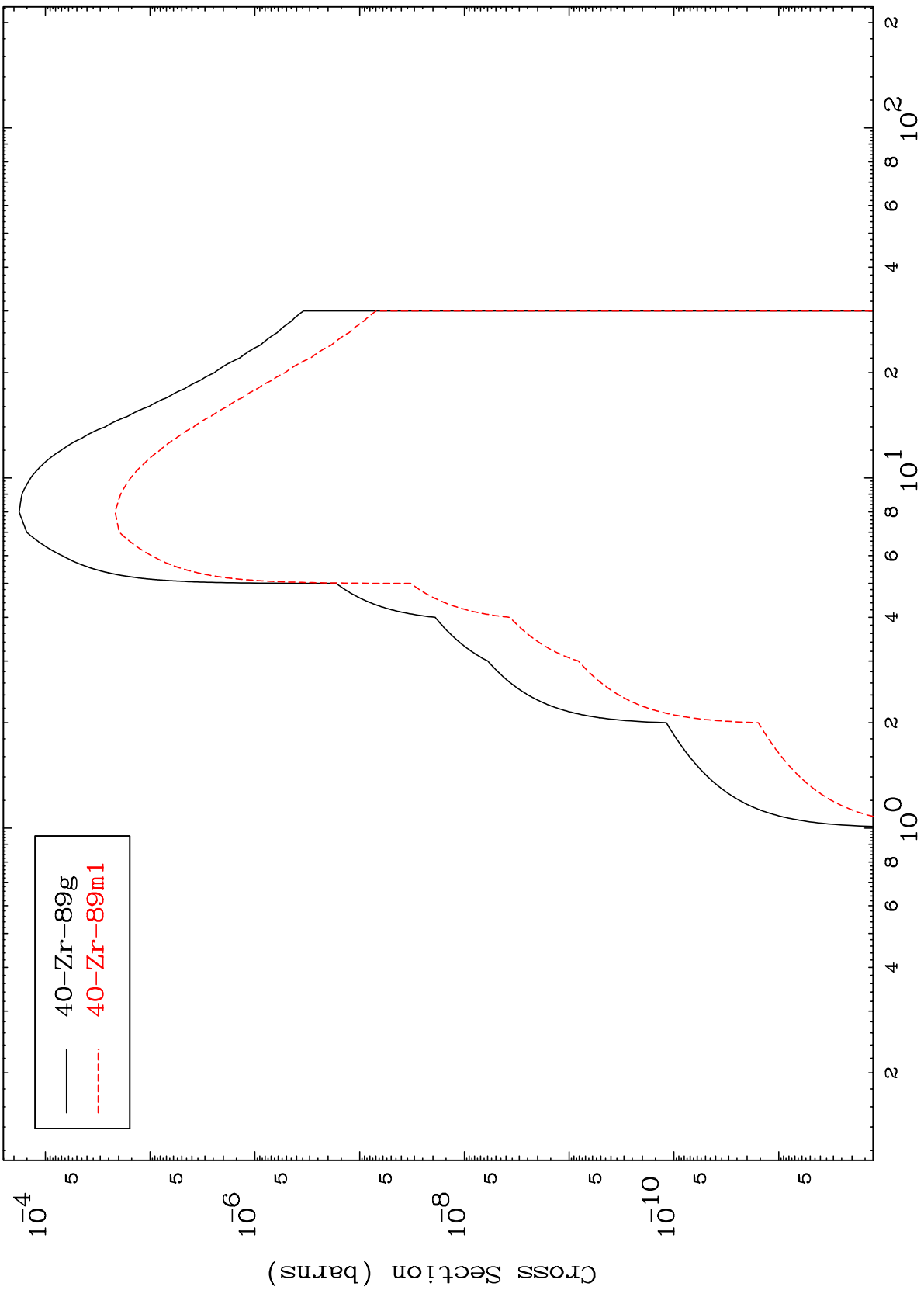
39-Y -87m



MAT 3920

39-Y -87m

(n, γ)
Radionuclide Production Cross Section



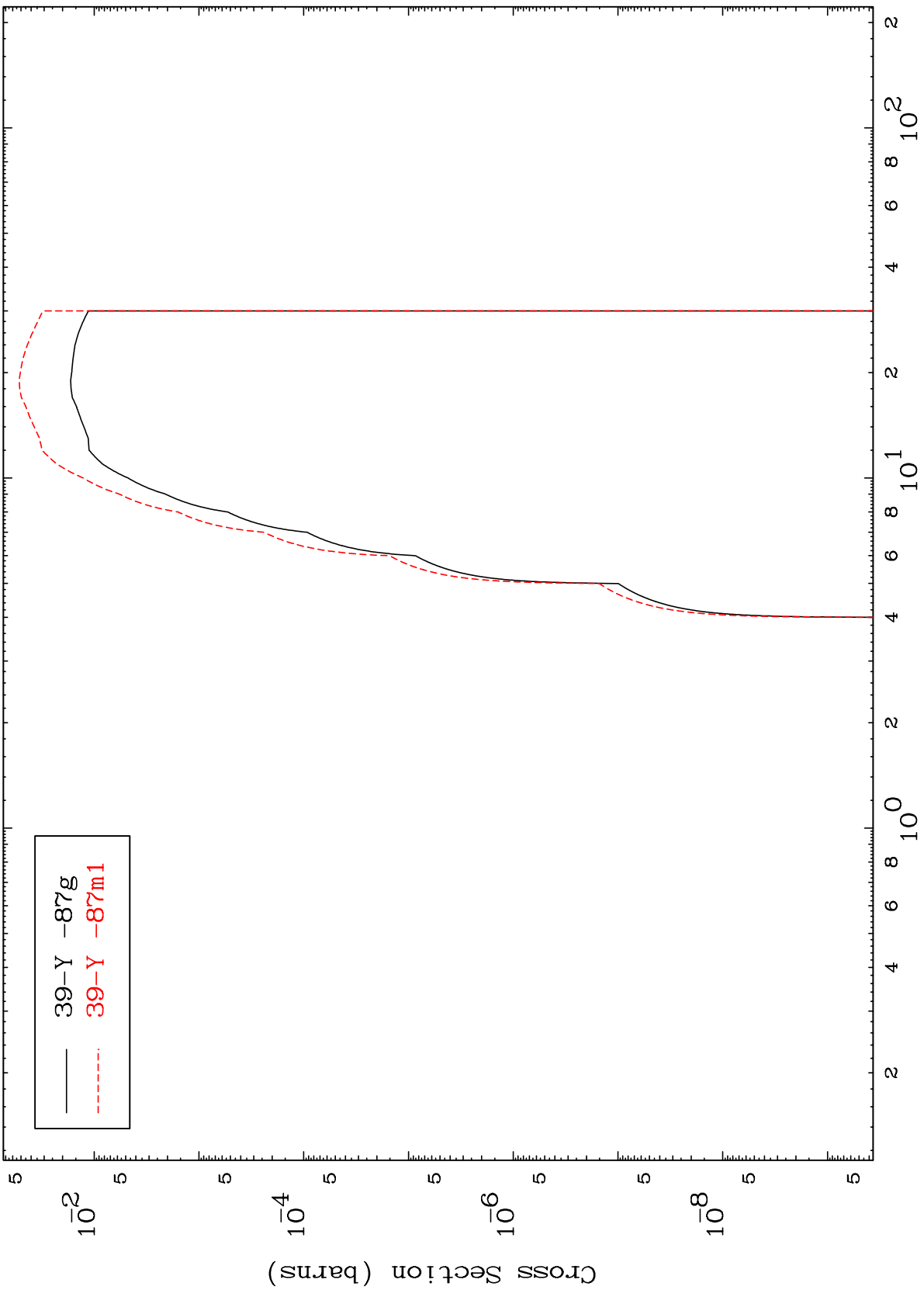
— 40-Zr-89g
- - - 40-Zr-89m1

MAT 3920

(n,d)

39-Y -87m

Radionuclide Production Cross Section



Legend:
— 39-Y -87g
- - - 39-Y -87m1

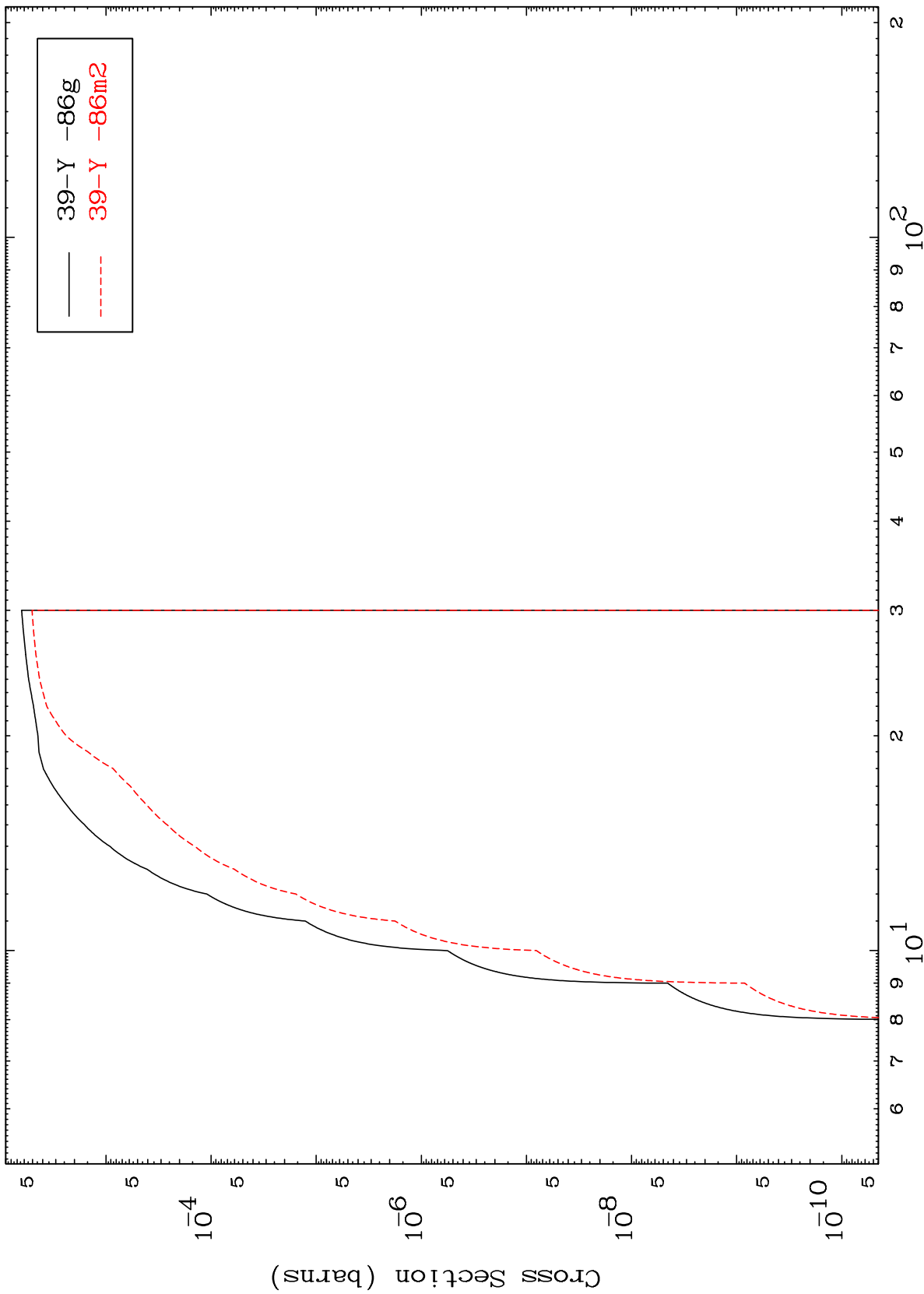
Incident Energy (MeV)

39-Y -87m

MAT 3920

39-Y -87m

(n,t)
Radionuclide Production Cross Section



23

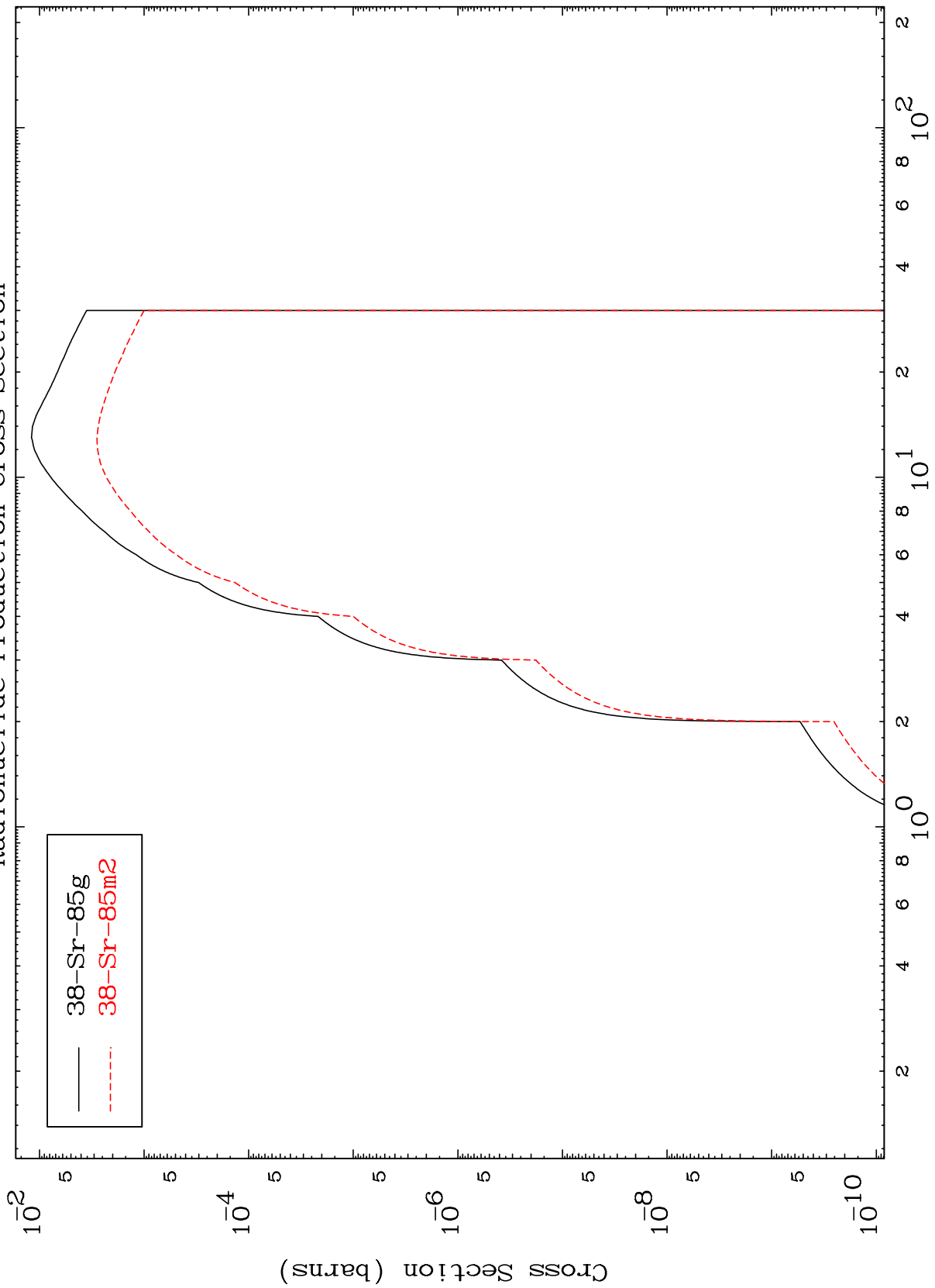
39-Y -87m

Incident Energy (MeV)

MAT 3920

39-Y -87m

Radionuclide Production Cross Section



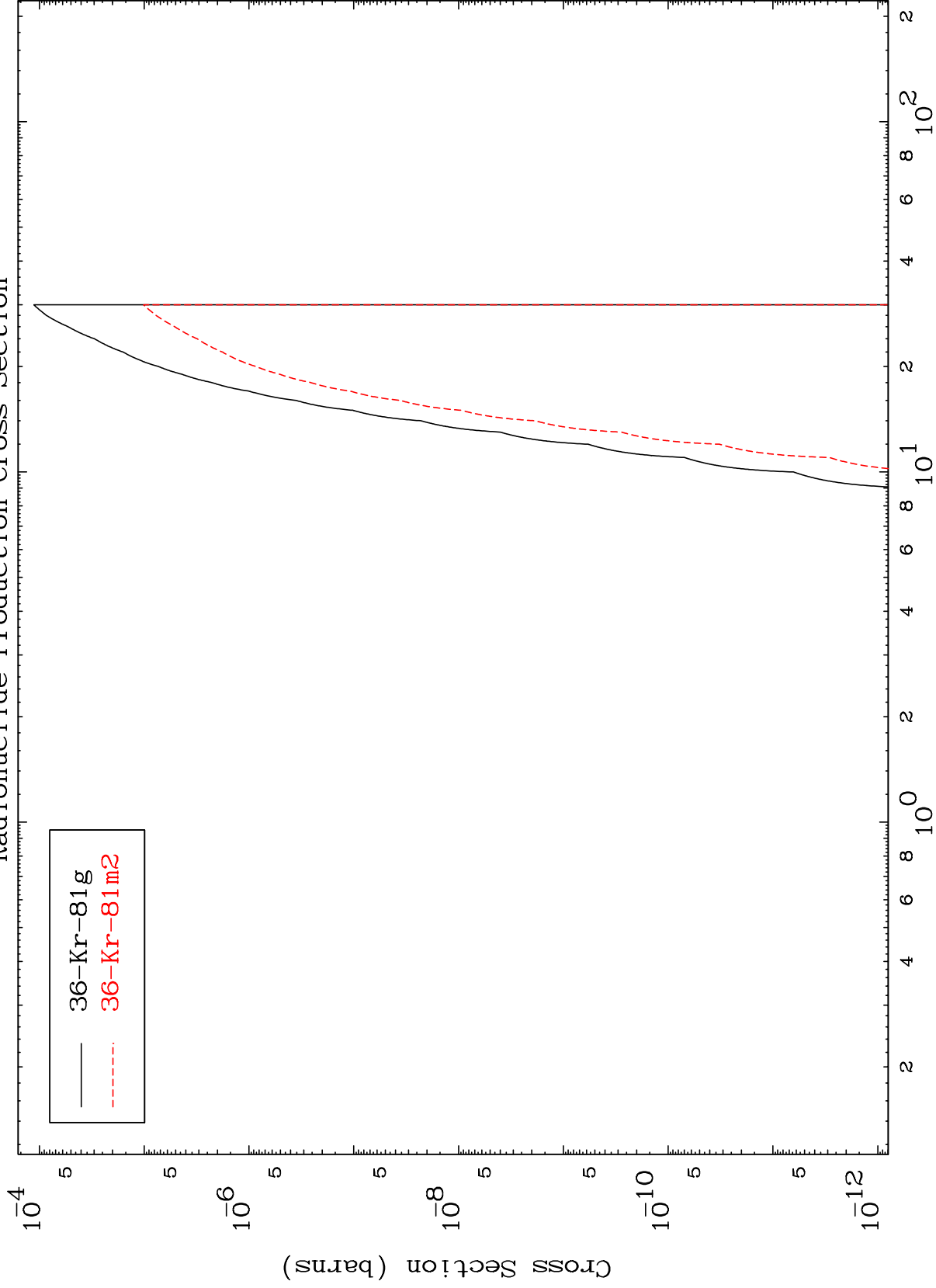
— 38-Sr-85g
- - - 38-Sr-85m2

MAT 3920

(n,2α)

39-Y -87m

Radionuclide Production Cross Section



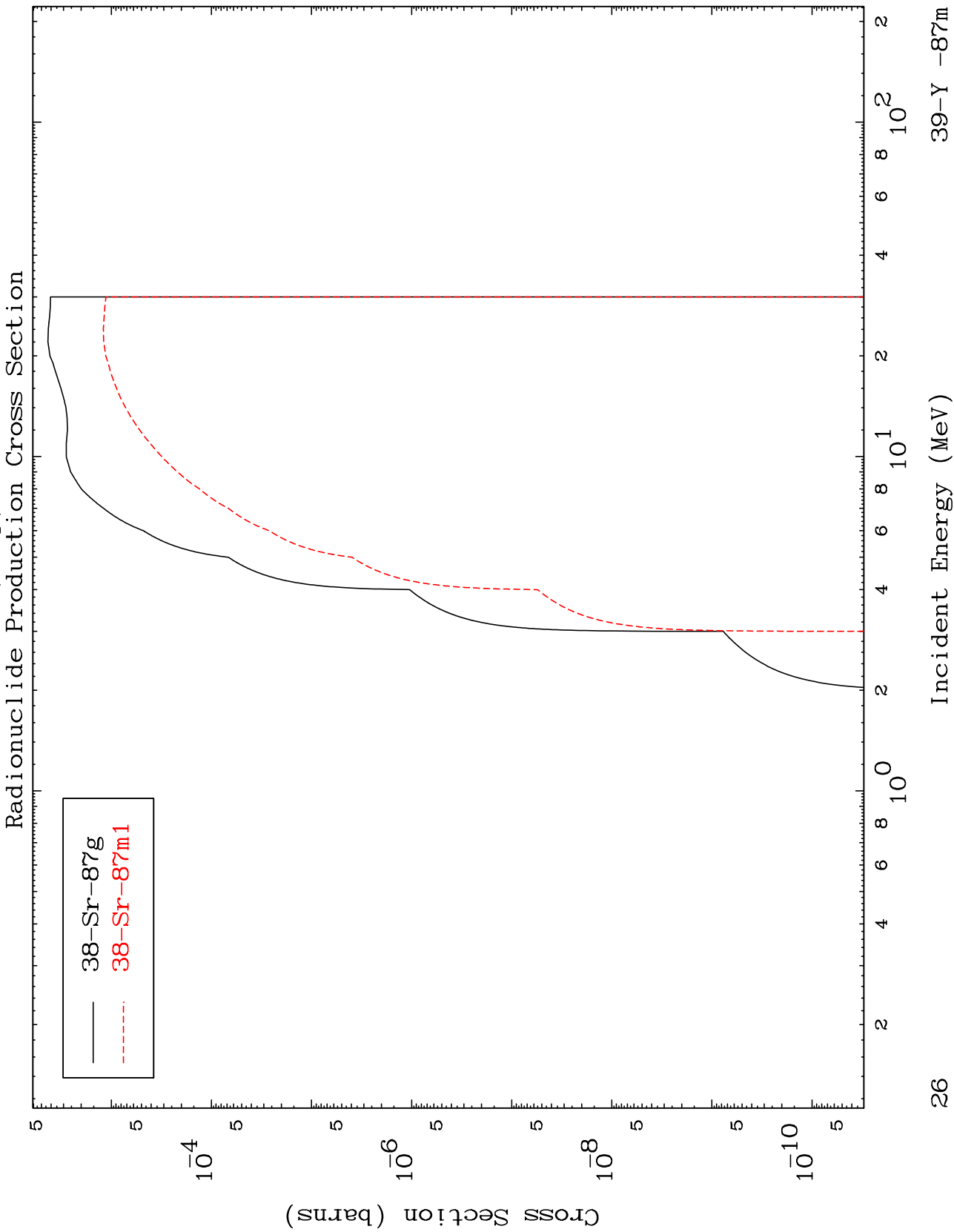
25

Incident Energy (MeV)

39-Y -87m

MAT 3920

39-Y -87m

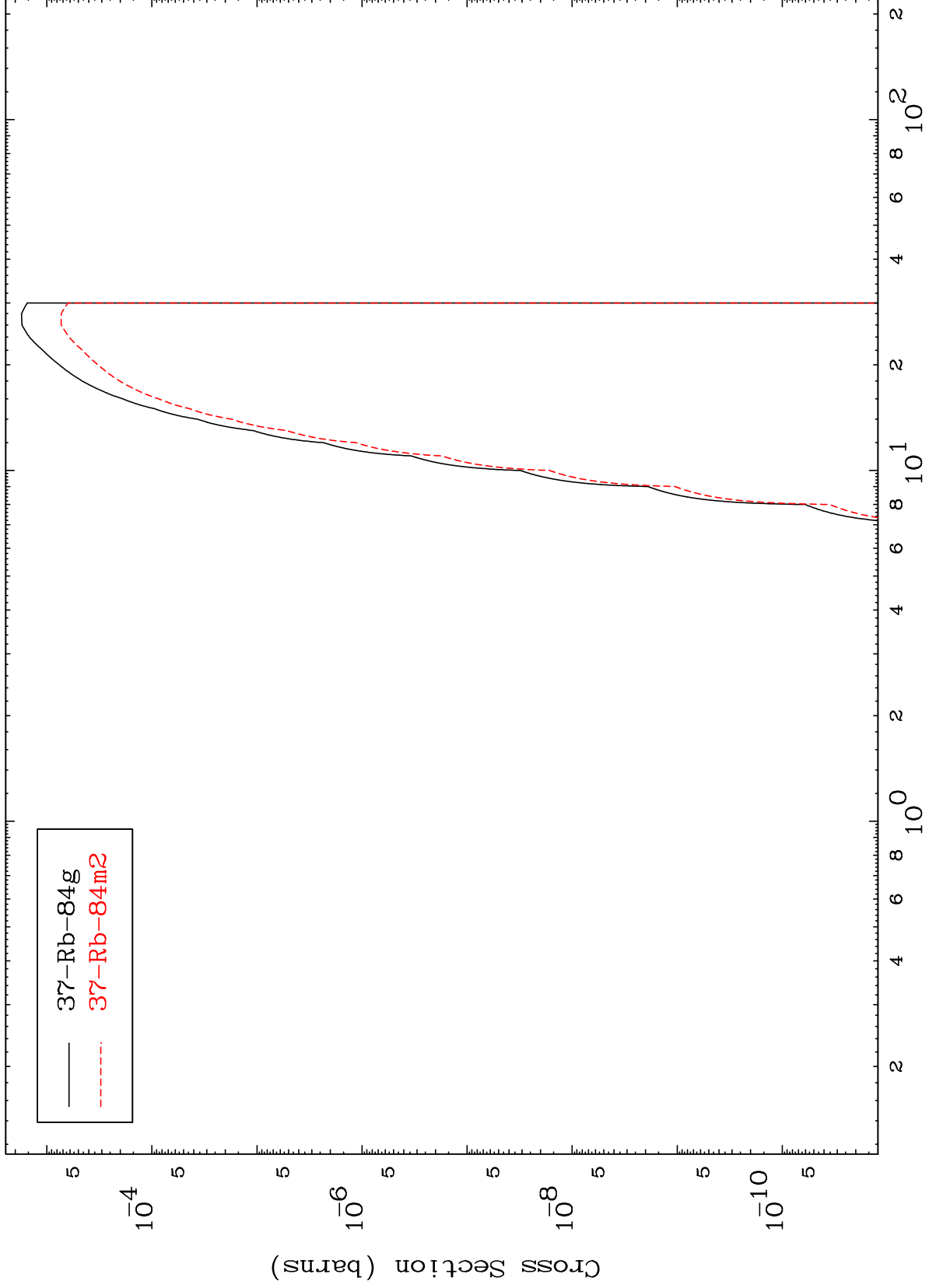


MAT 3920

(n,p) α

39-Y -87m

Radionuclide Production Cross Section



27

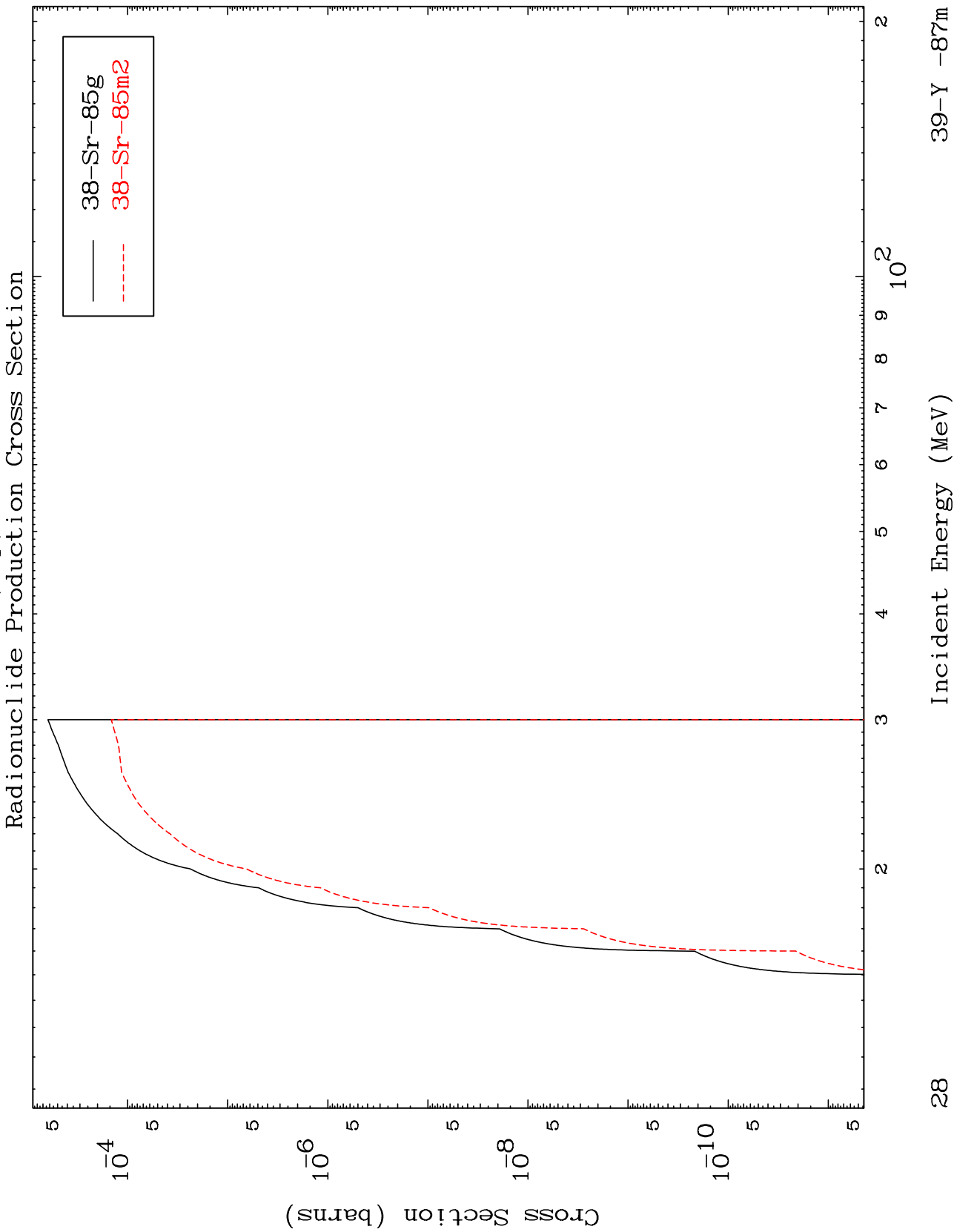
Incident Energy (MeV)

39-Y -87m

MAT 3920

(n,p) t

39-Y -87m



28

39-Y -87m