

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

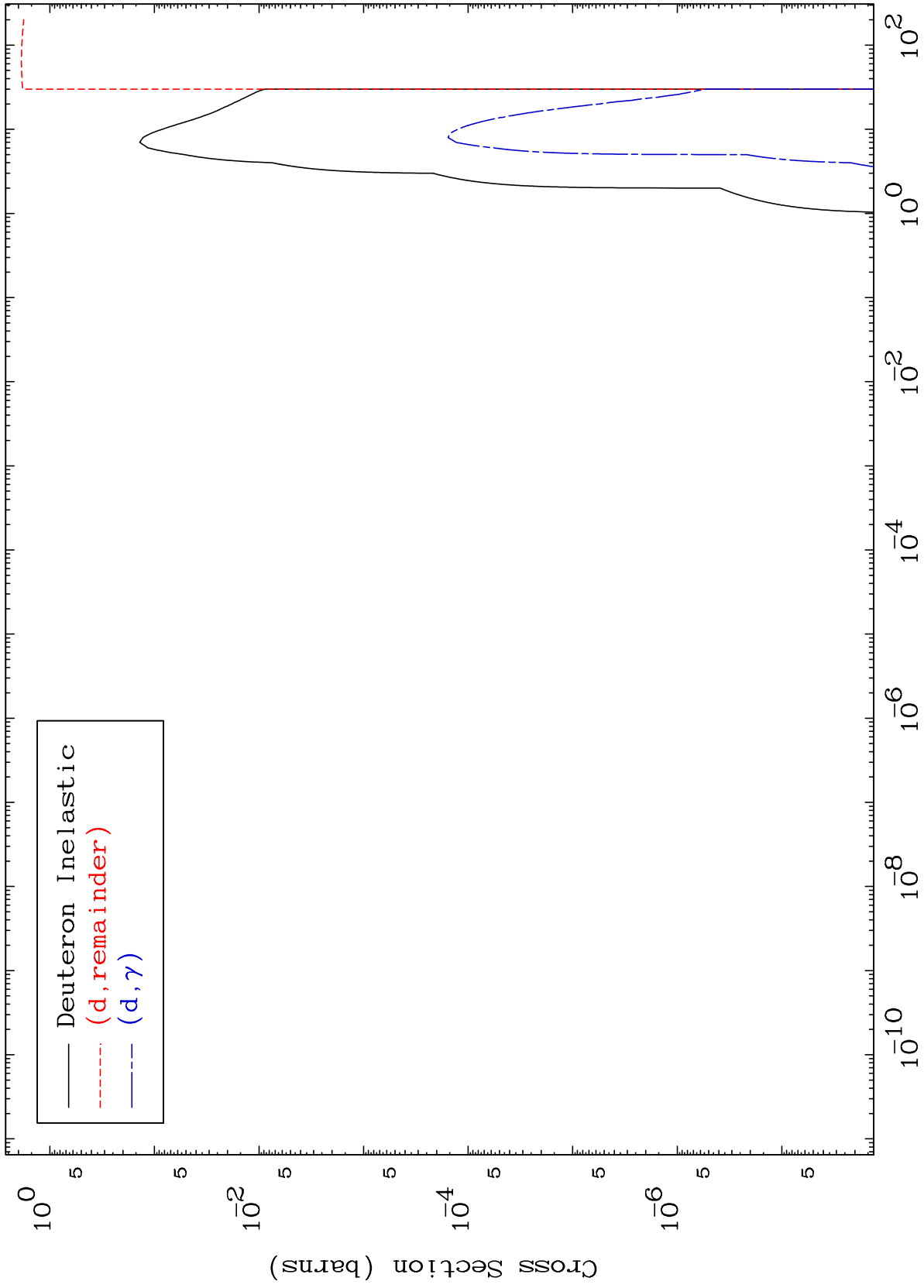
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3910

Deuteron Major
0 Kelvin Cross Sections

39-Y -84



1

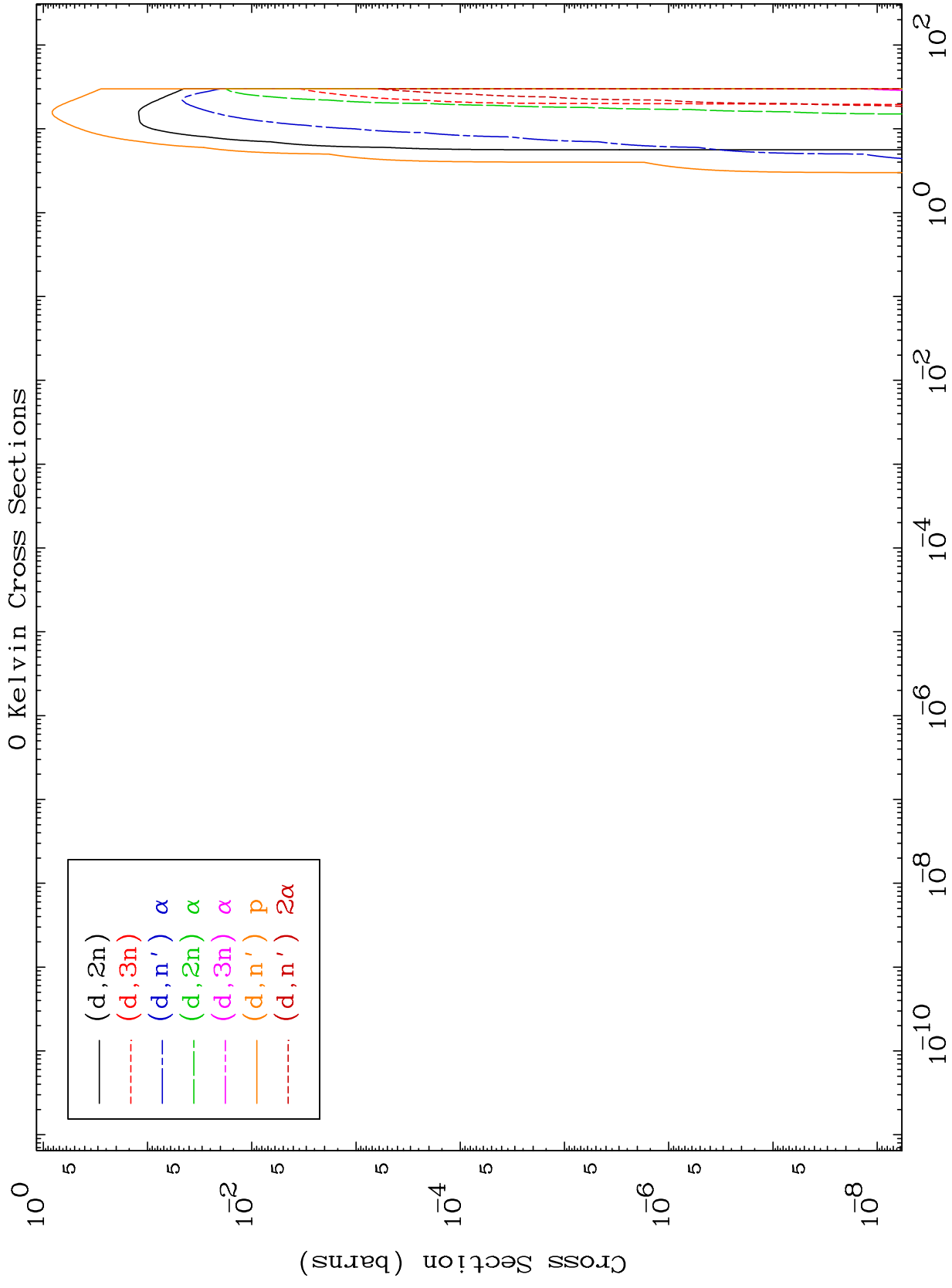
Incident Energy (MeV)

39-Y -84

MAT 3910

Deuteron Neutron Production 0 Kelvin Cross Sections

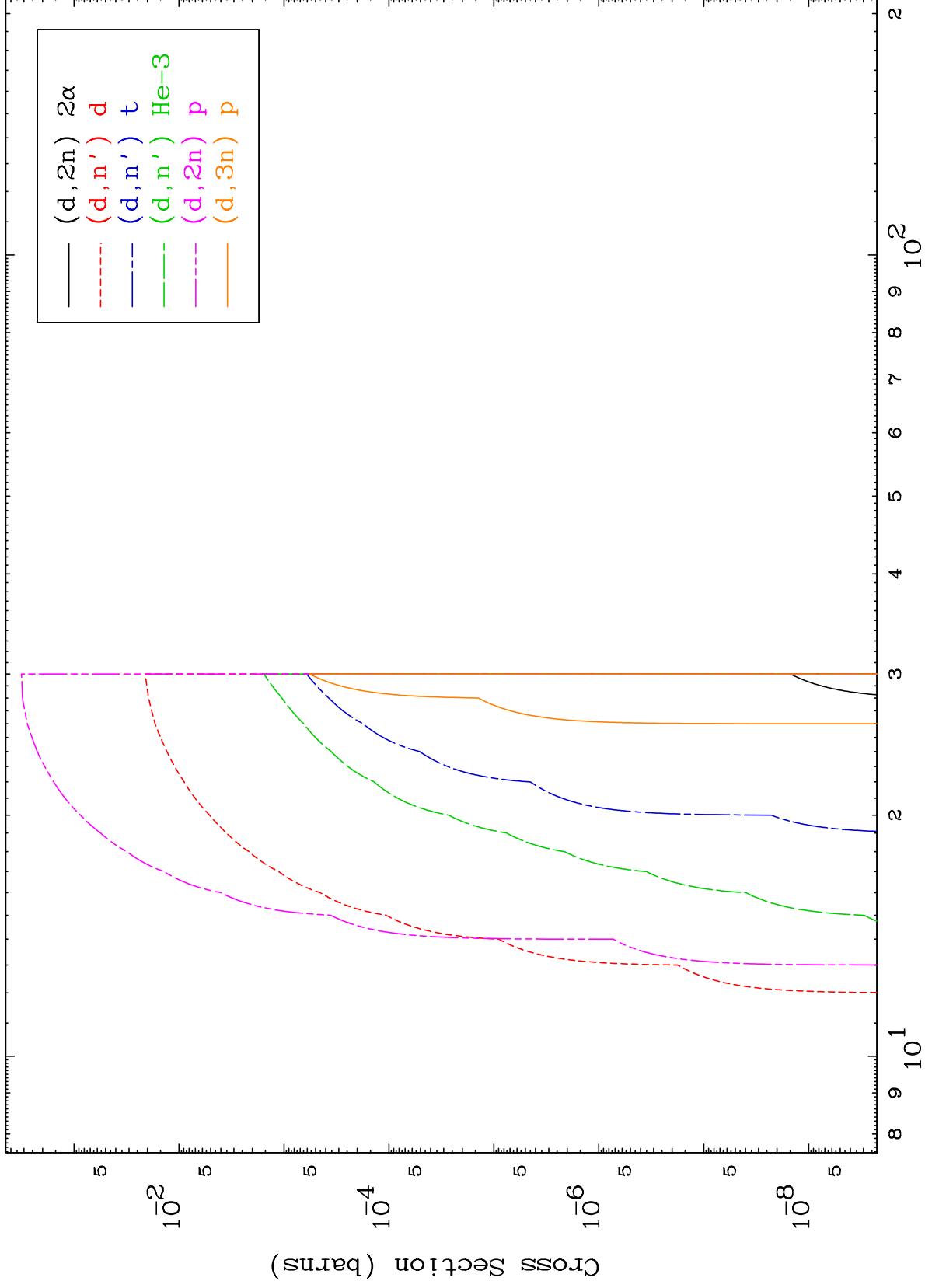
39-Y -84



2

Incident Energy (MeV)

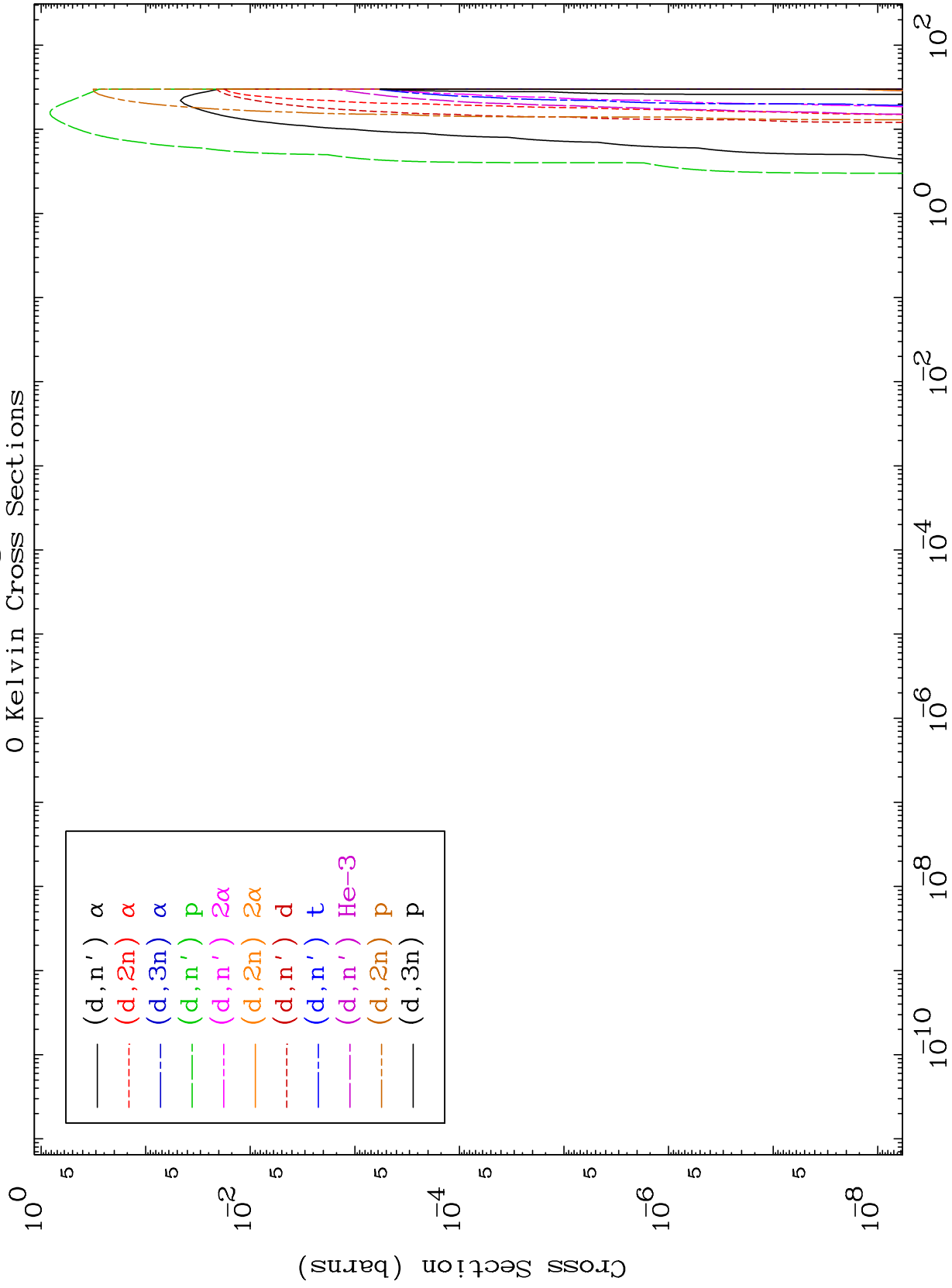
39-Y -84



MAT 3910

Deuteron Charged Particle
0 Kelvin Cross Sections

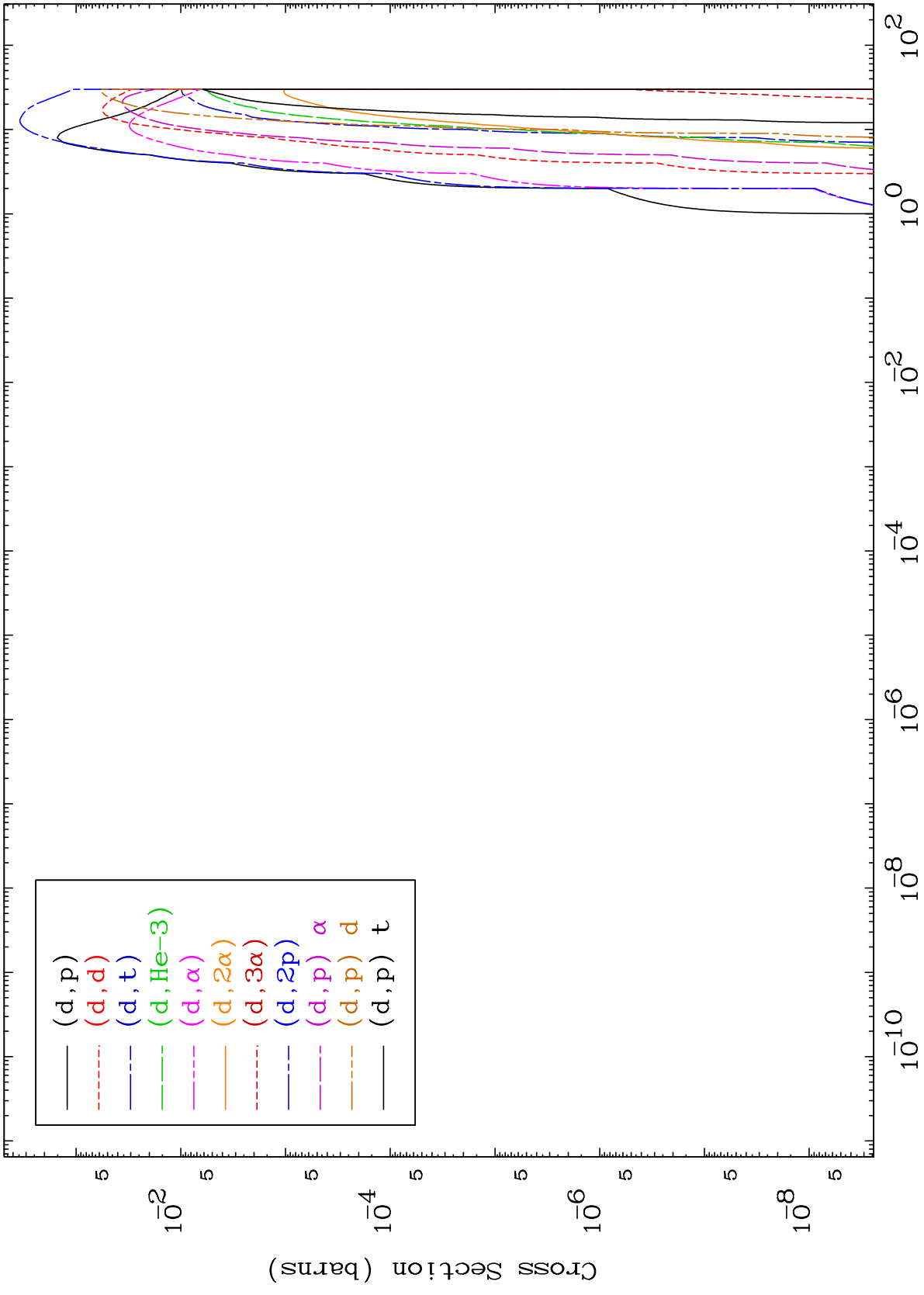
39-Y -84



MAT 3910

Deuteron Charged Particle
0 Kelvin Cross Sections

39-Y -84



5

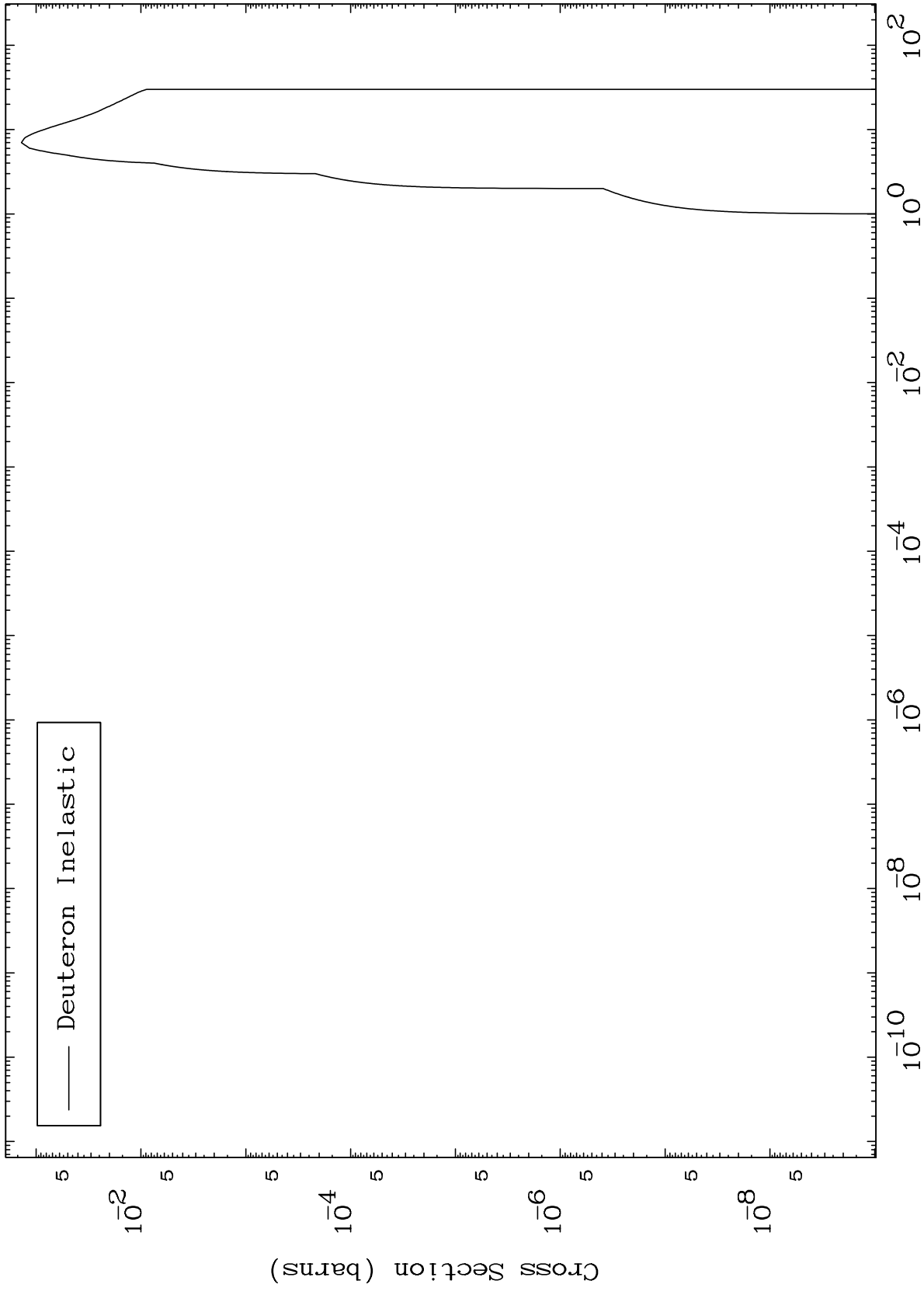
Incident Energy (MeV)

39-Y -84

MAT 3910

(d,n') Level
0 Kelvin Cross Sections

39-Y -84



6

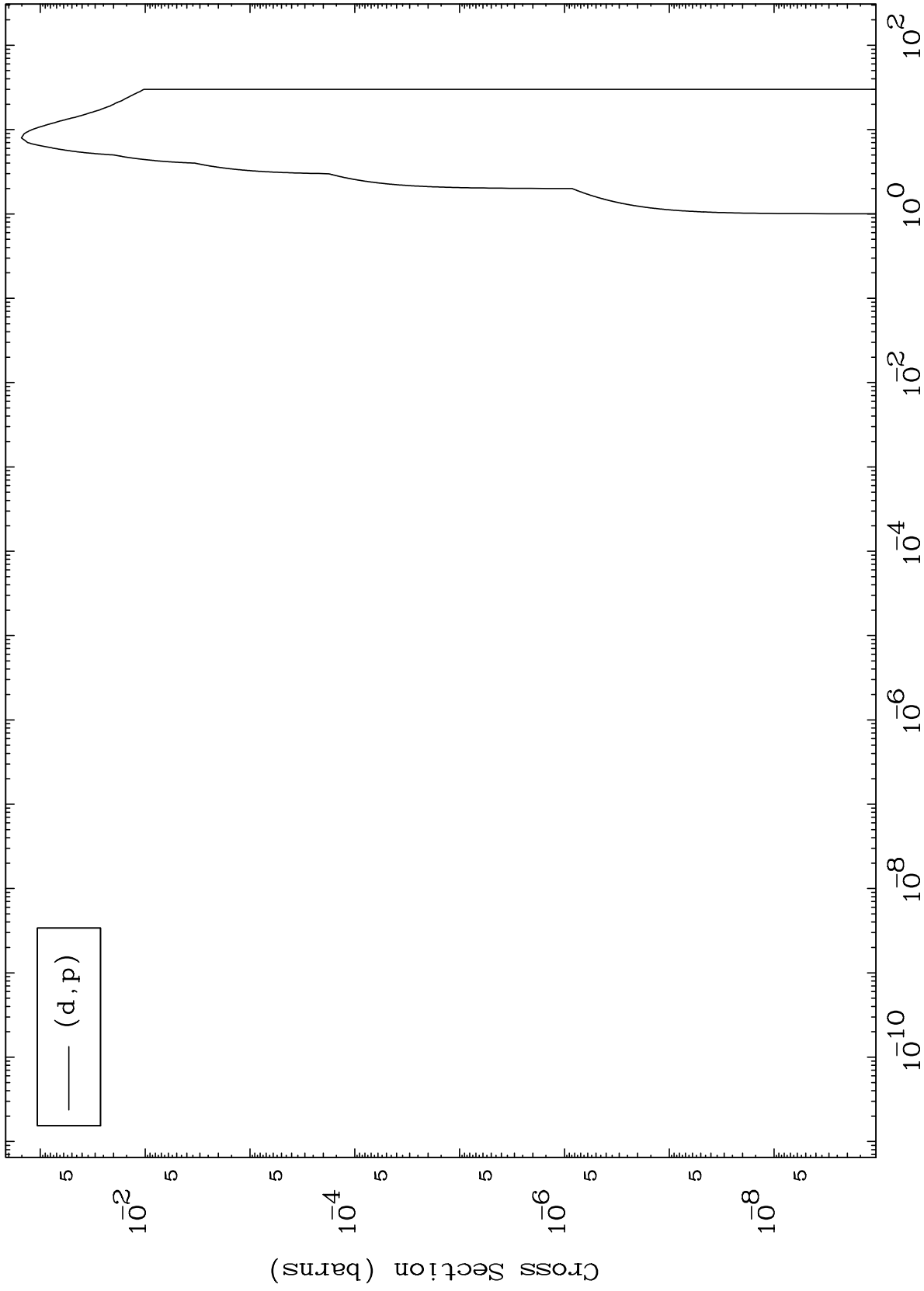
Incident Energy (MeV)

39-Y -84

MAT 3910

(d,p) Levels
0 Kelvin Cross Sections

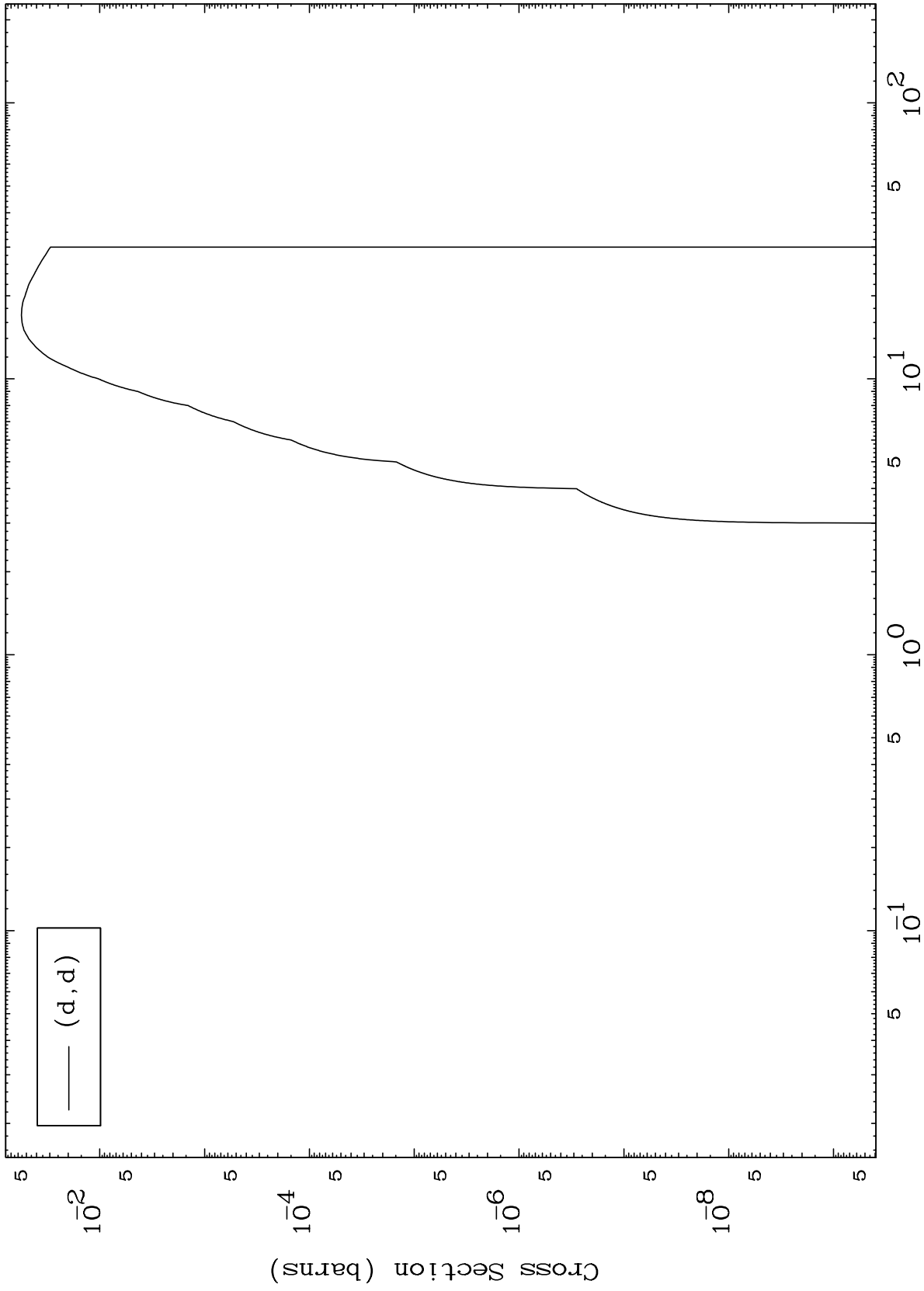
39-Y -84



7

Incident Energy (MeV)

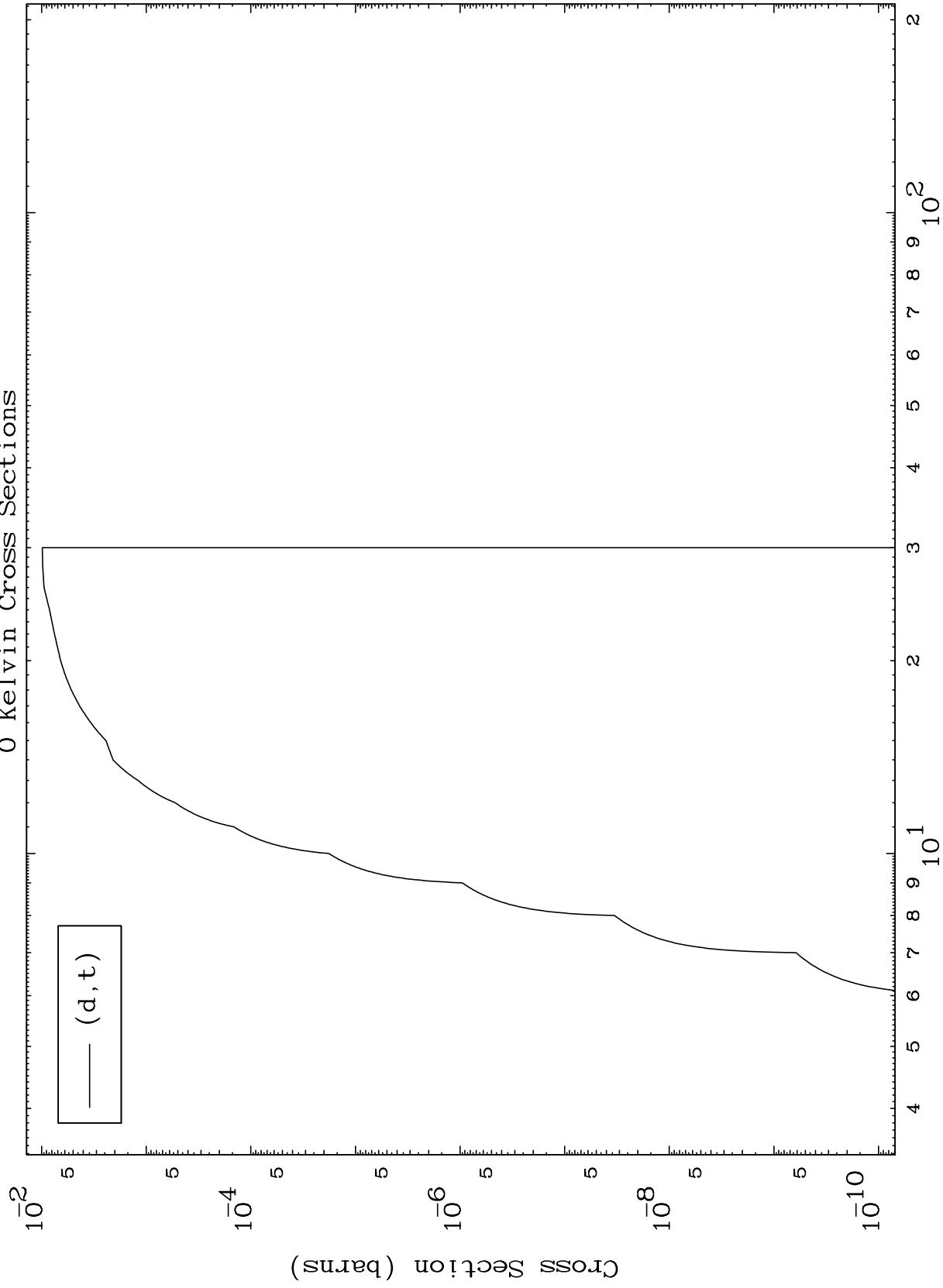
39-Y -84



MAT 3910

(d,t) Levels
0 Kelvin Cross Sections

39-Y -84



(d,t)

9

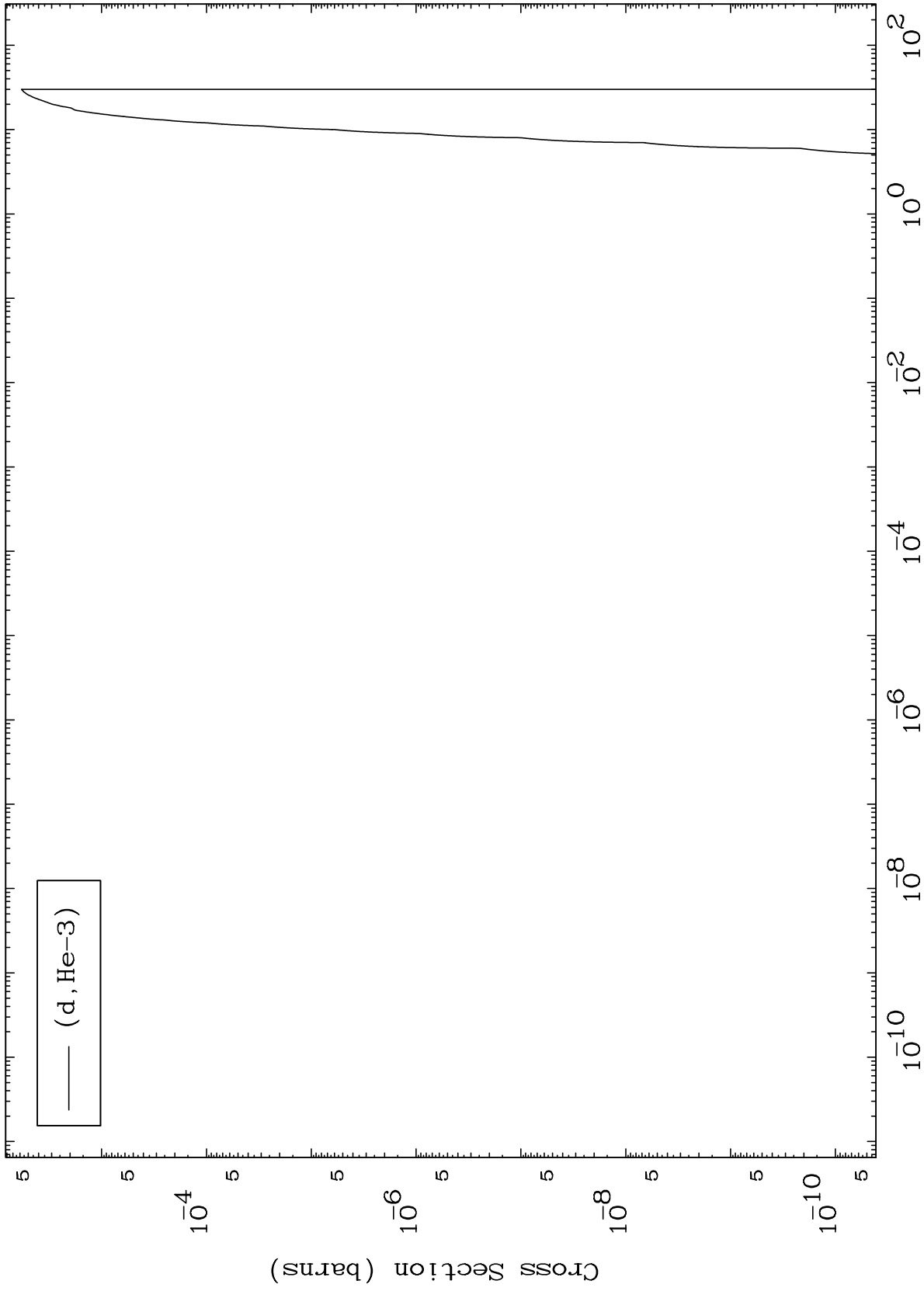
Incident Energy (MeV)

39-Y -84

MAT 3910

(d,He3) Levels
0 Kelvin Cross Sections

39-Y -84



10

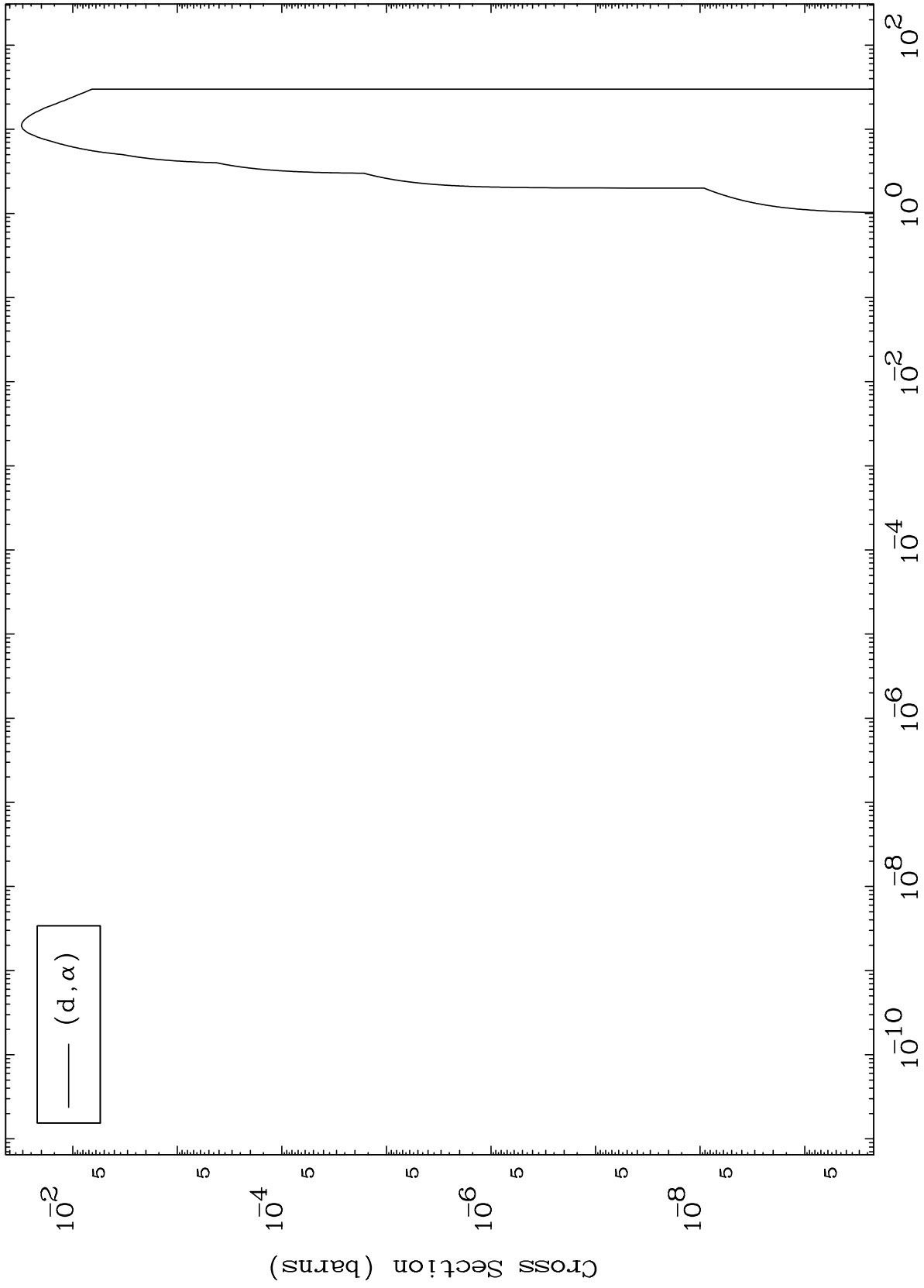
Incident Energy (MeV)

39-Y -84

MAT 3910

(d, α) Levels
0 Kelvin Cross Sections

39-Y -84



11

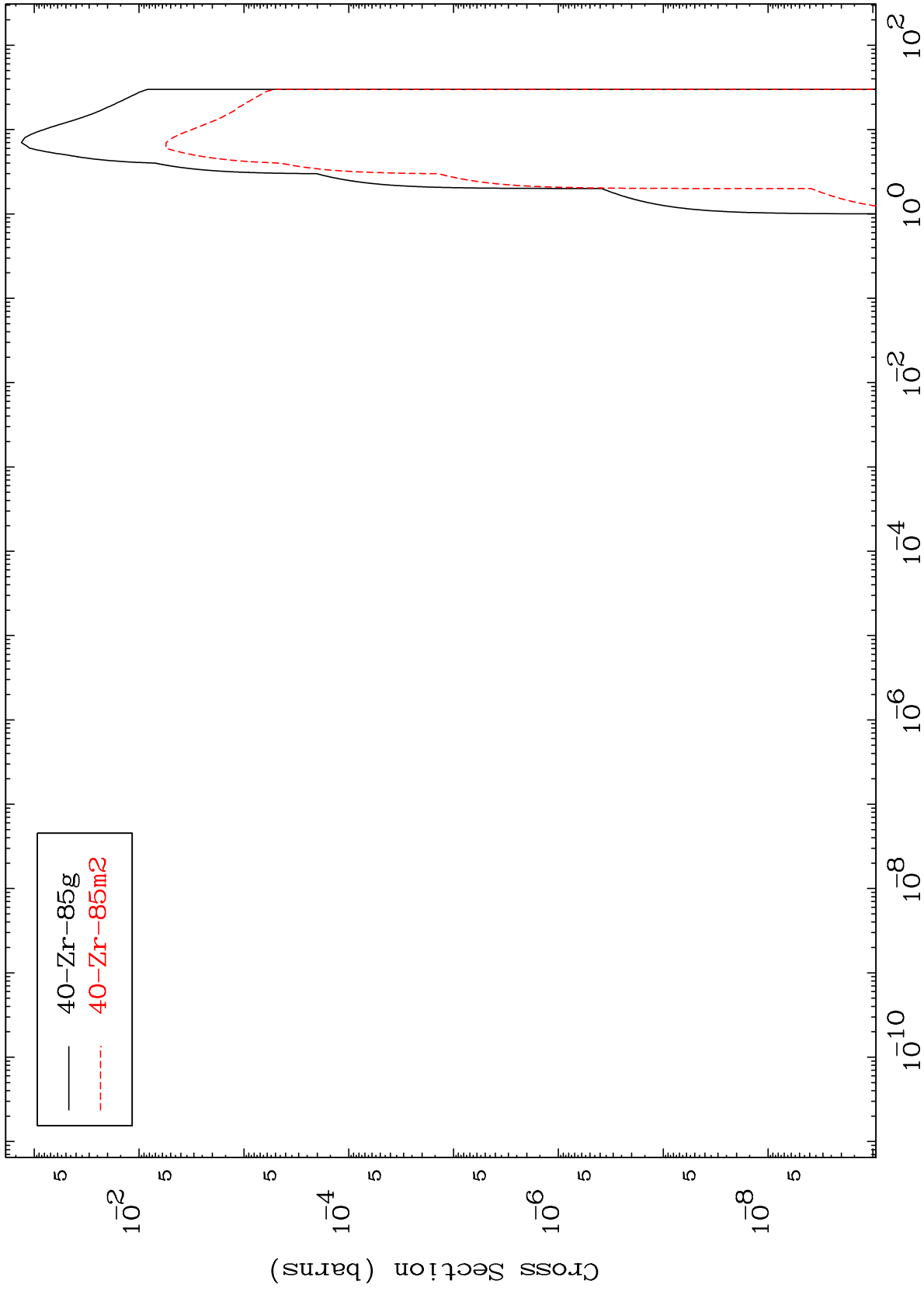
Incident Energy (MeV)

39-Y -84

MAT 3910

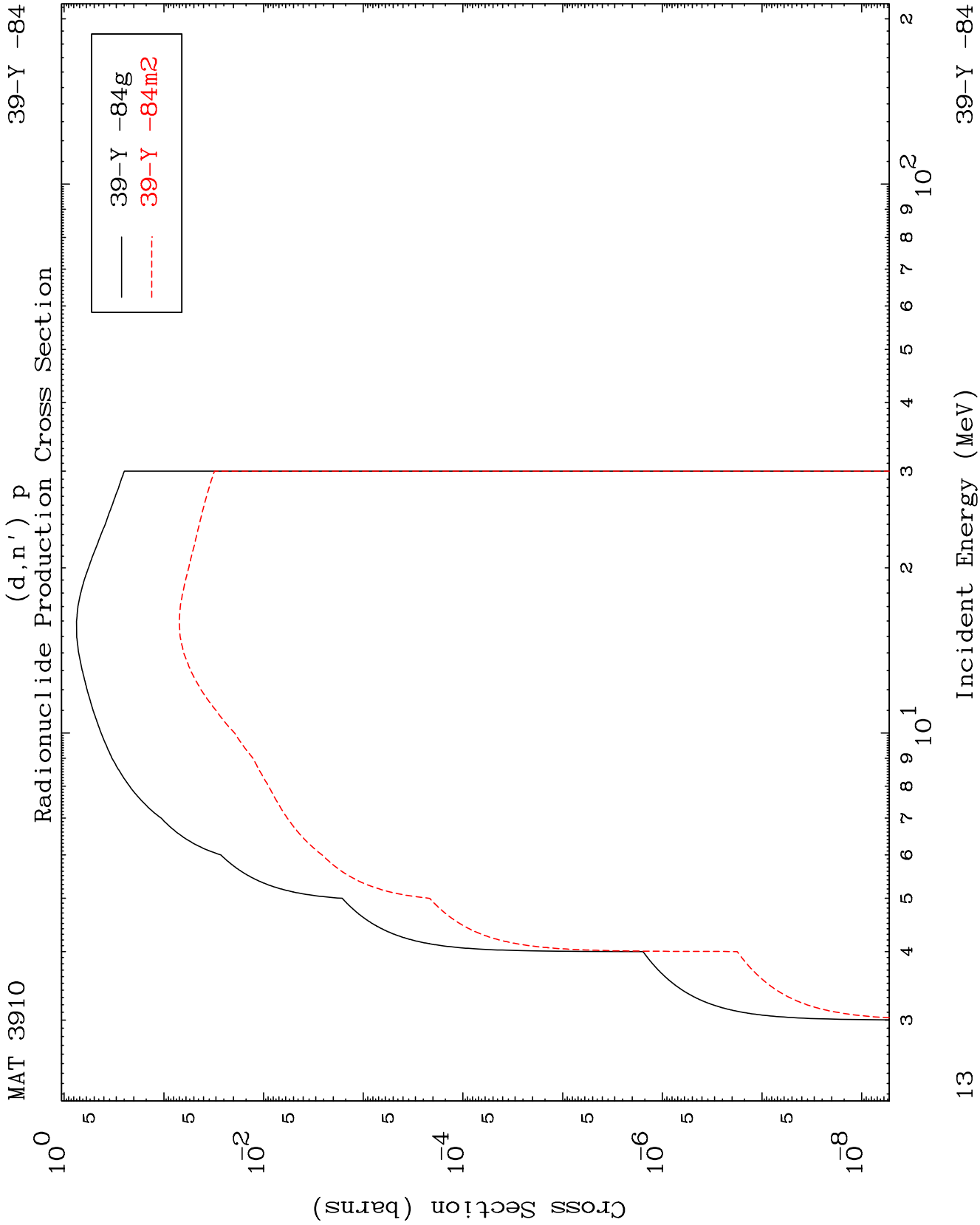
Deuteron Inelastic
Radionuclide Production Cross Section

39-Y -84



— 40-Zr-85g
- - - 40-Zr-85m2

39-Y -84

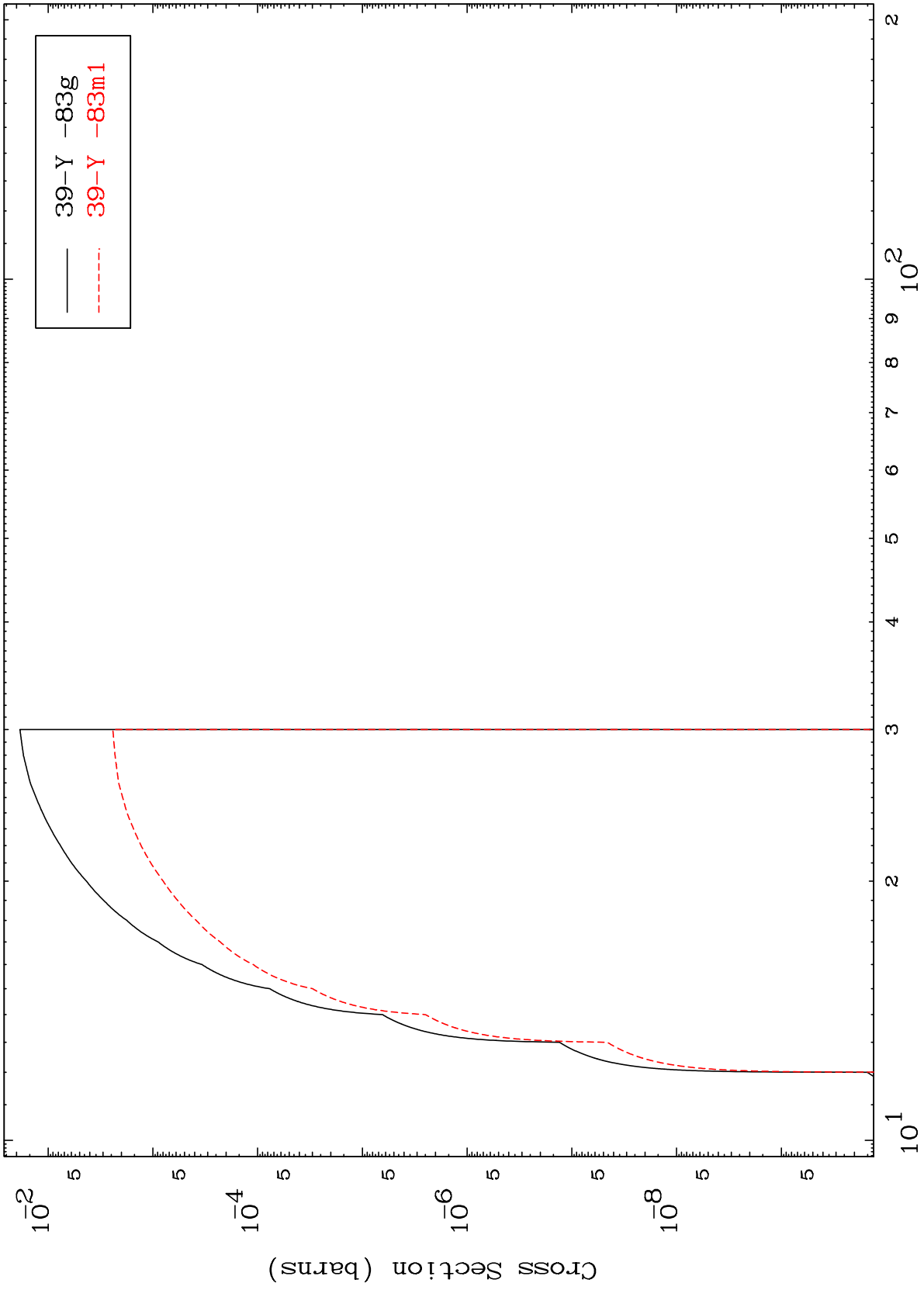


MAT 3910

(d,n') d

39-Y -84

Radionuclide Production Cross Section



14

Incident Energy (MeV)

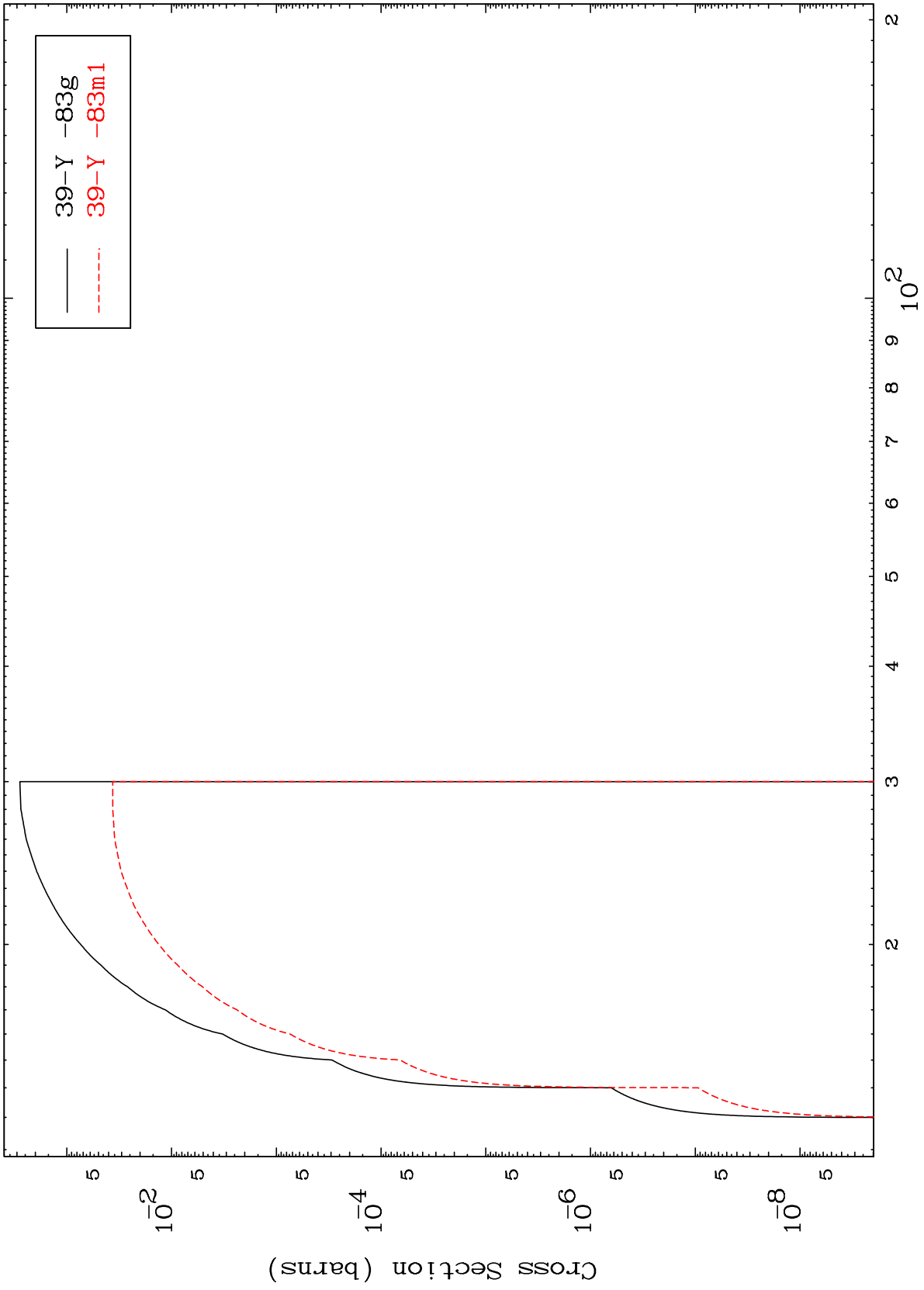
39-Y -84

MAT 3910

(d,2n) p

39-Y -84

Radionuclide Production Cross Section



15

Incident Energy (MeV)

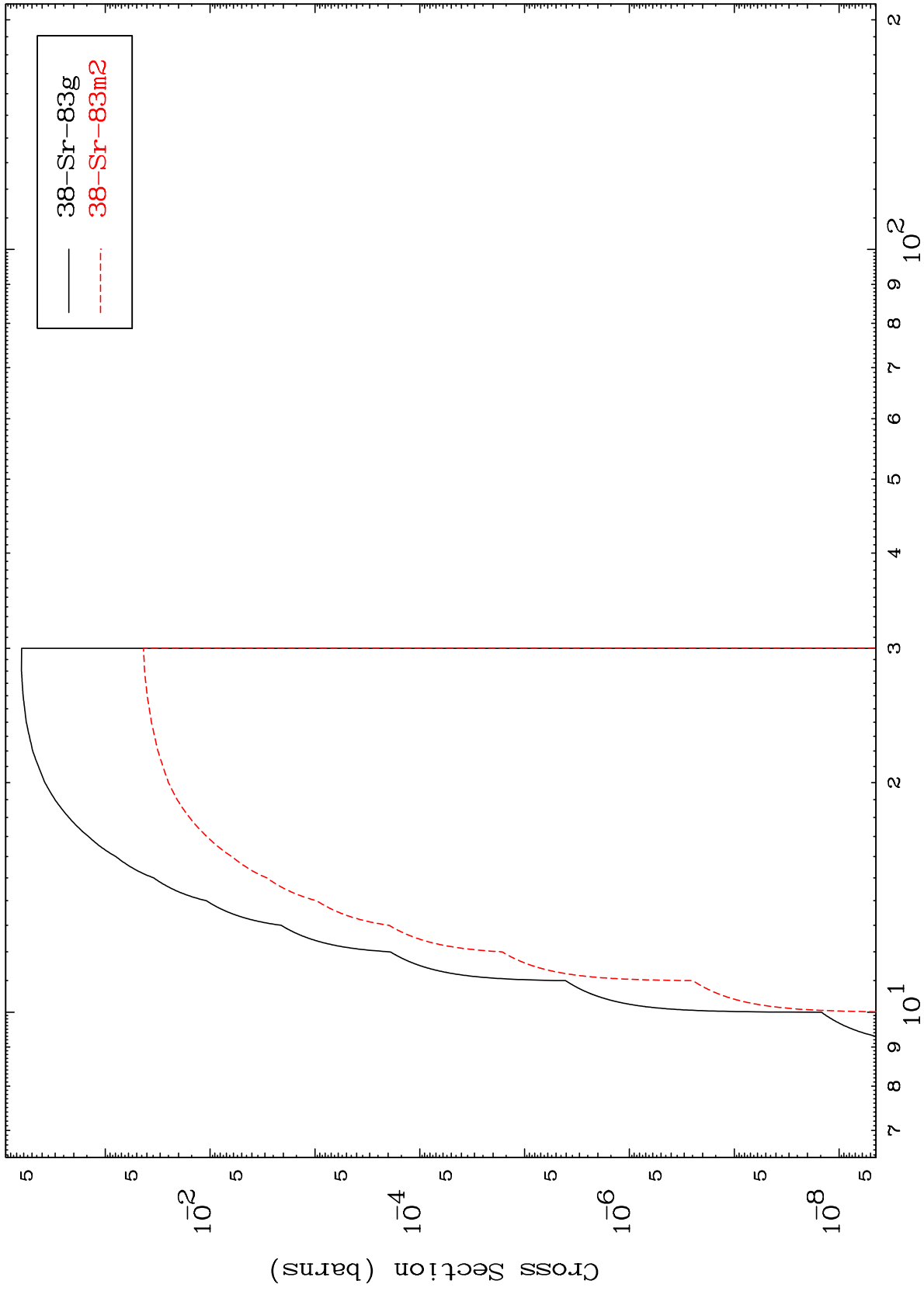
39-Y -84

MAT 3910

(d,2n) p

39-Y -84

Radionuclide Production Cross Section



16

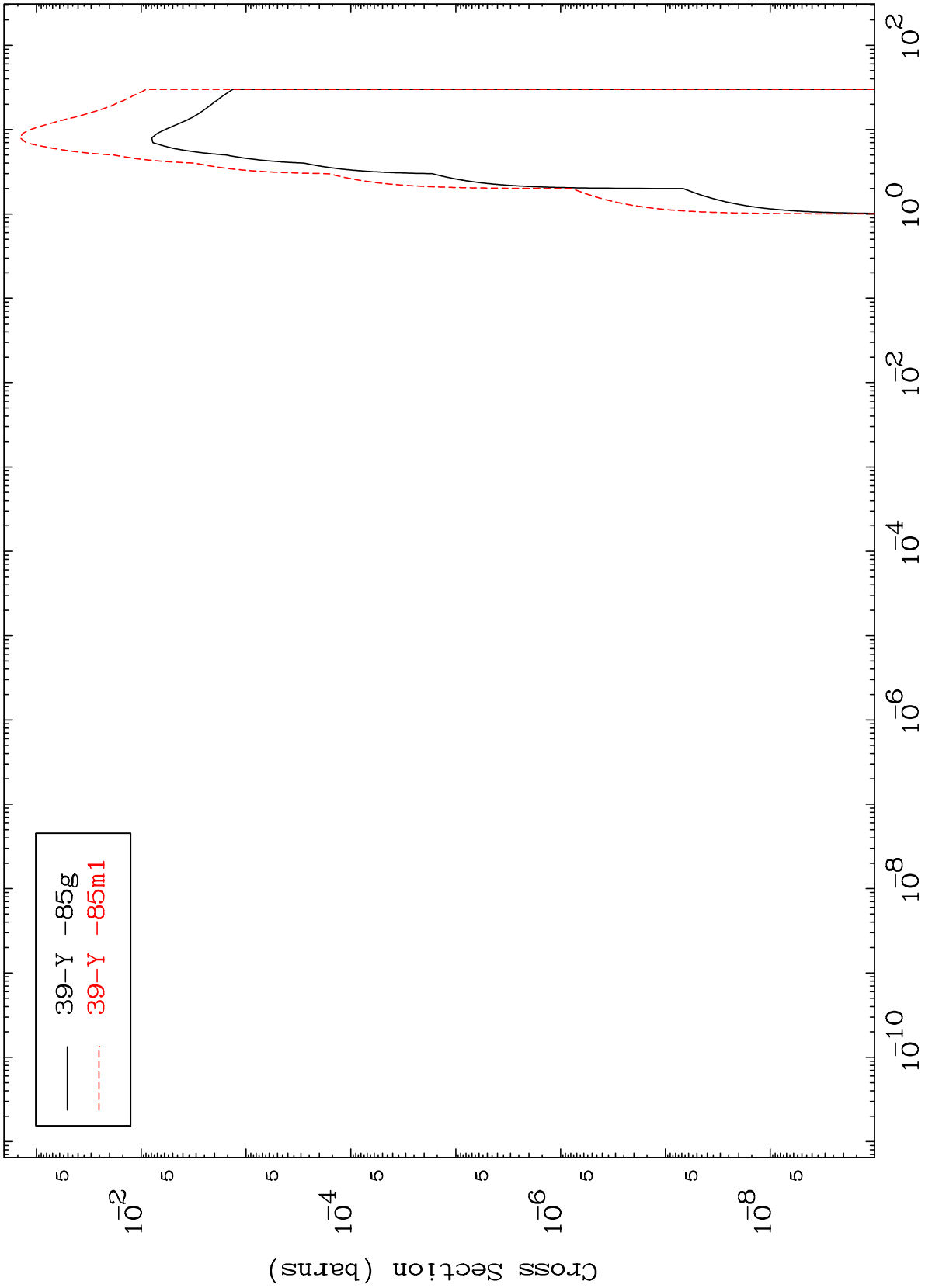
Incident Energy (MeV)

39-Y -84

MAT 3910

(d,p)
Radionuclide Production Cross Section

39-Y -84

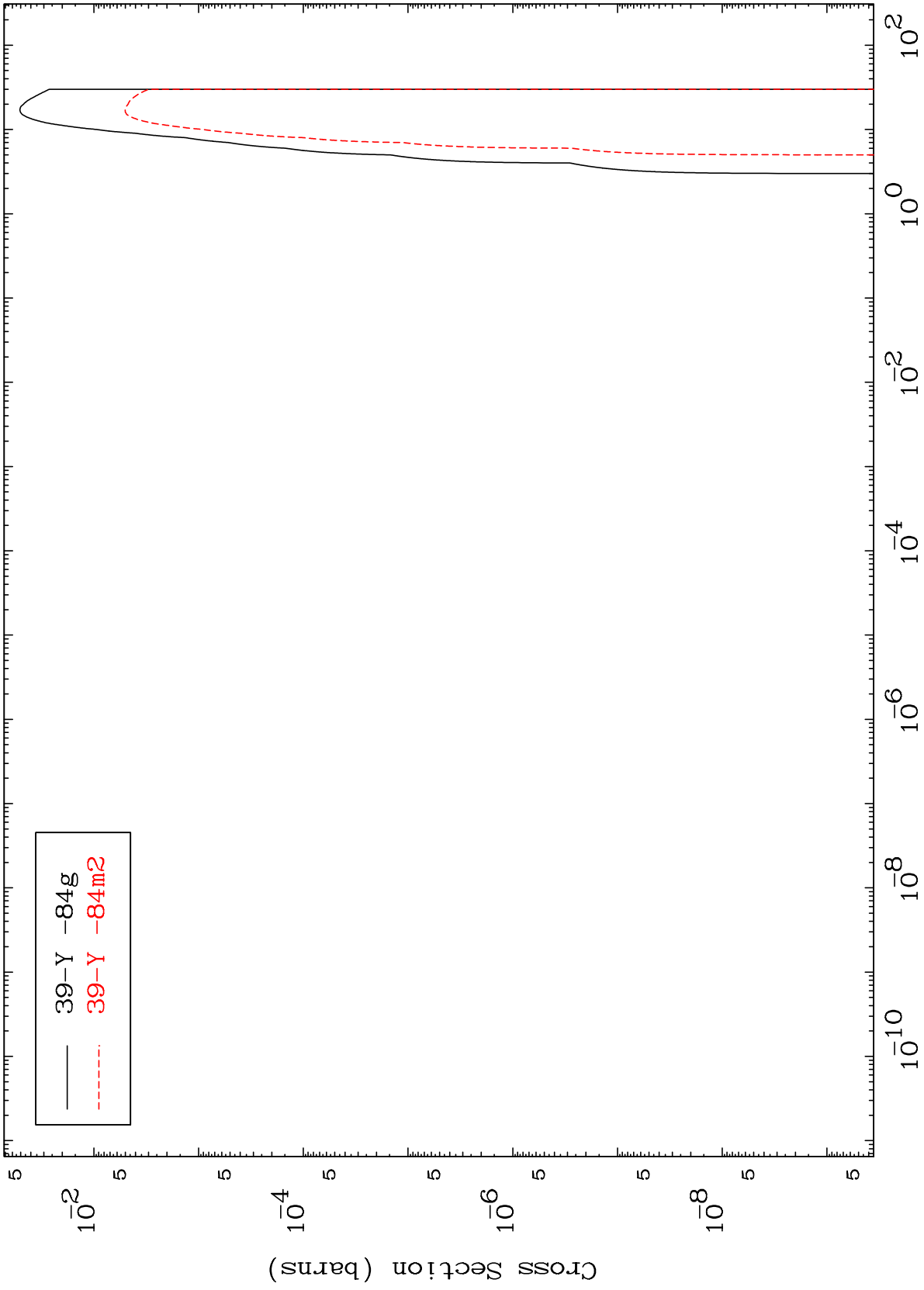


— 39-Y -85g
- - - 39-Y -85m1

MAT 3910

(d,d)
Radionuclide Production Cross Section

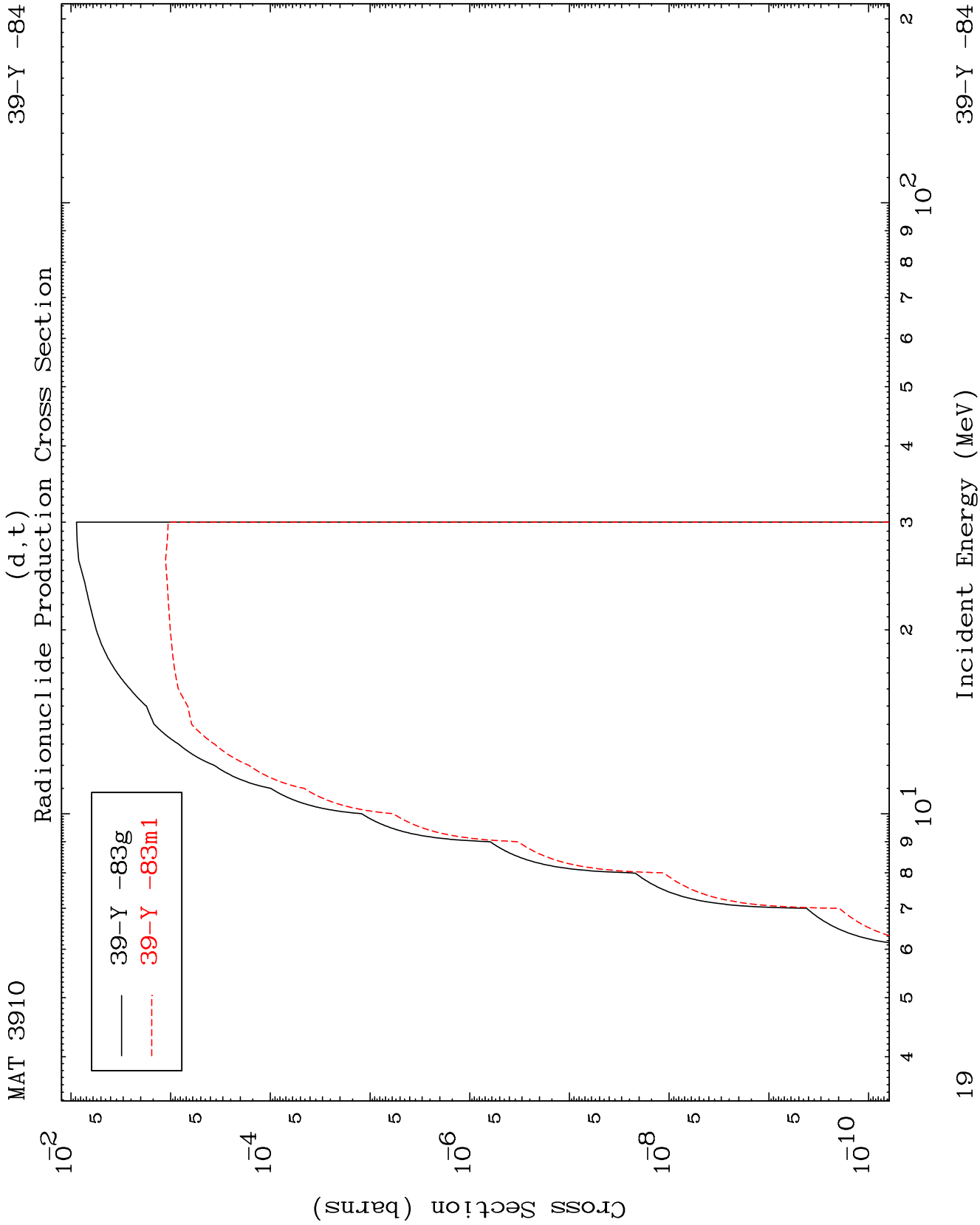
39-Y -84



18

Incident Energy (MeV)

39-Y -84

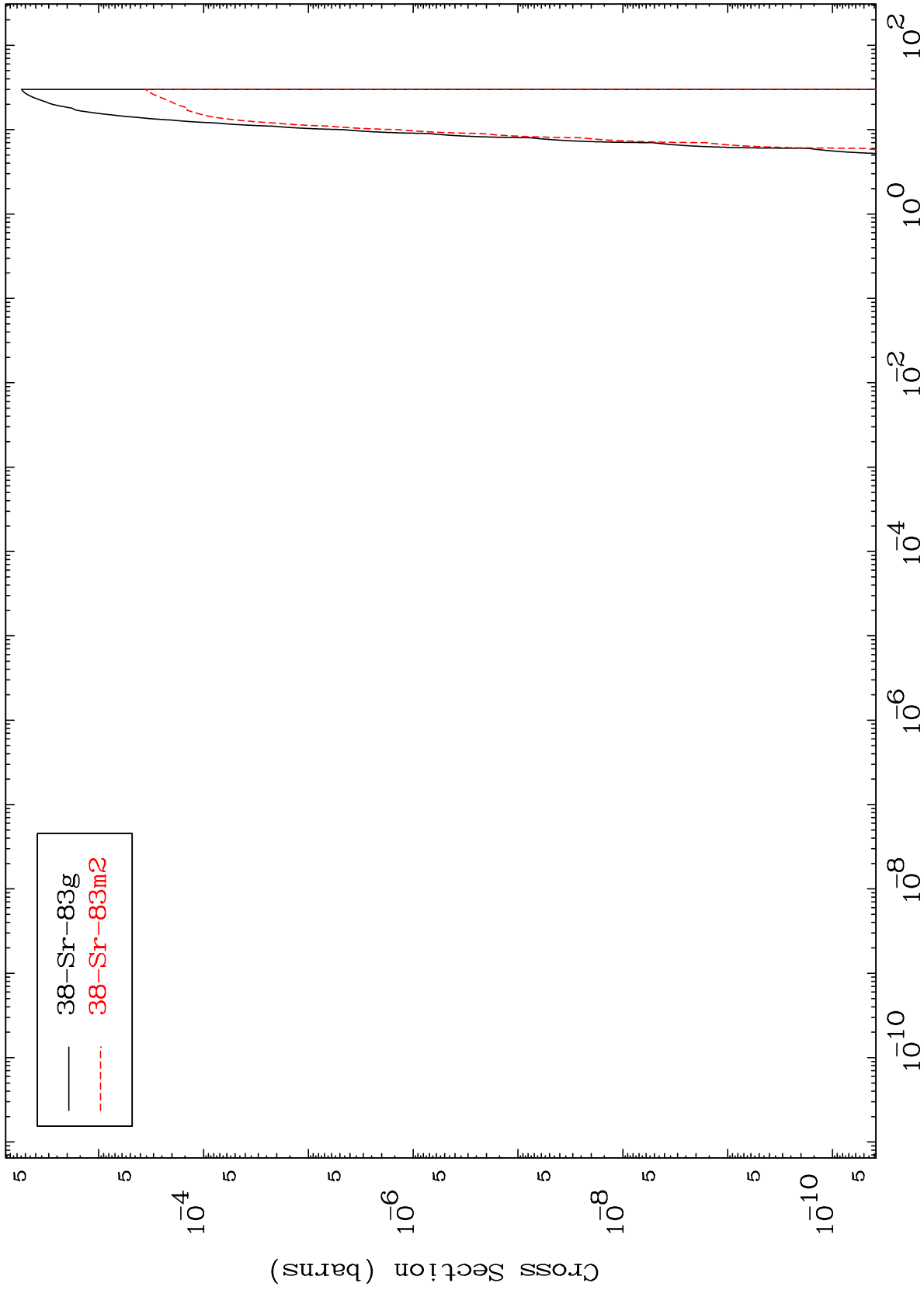


MAT 3910

(d,He-3)

39-Y -84

Radionuclide Production Cross Section



20

Incident Energy (MeV)

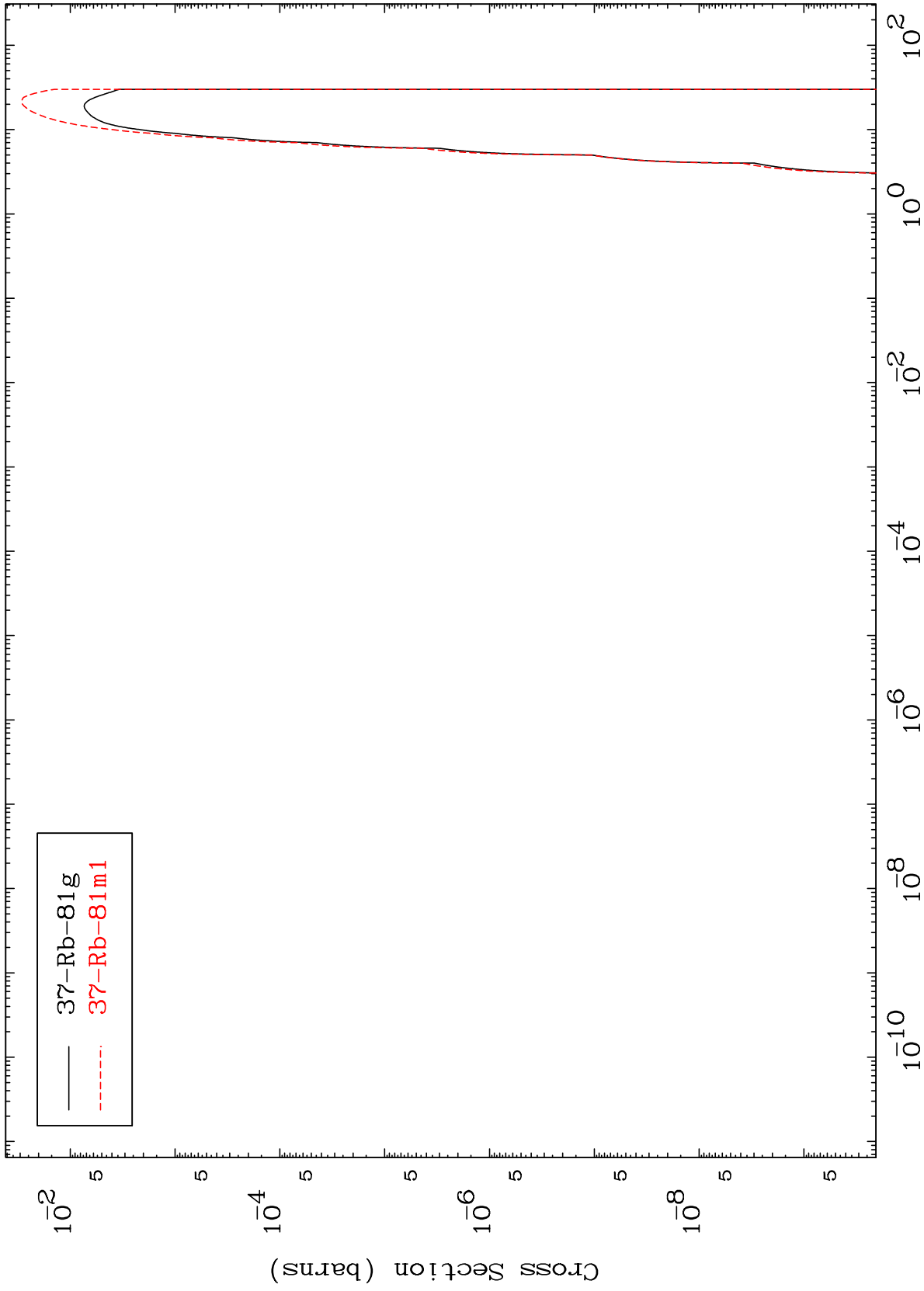
39-Y -84

MAT 3910

(d,p) α

39-Y -84

Radionuclide Production Cross Section



21

Incident Energy (MeV)

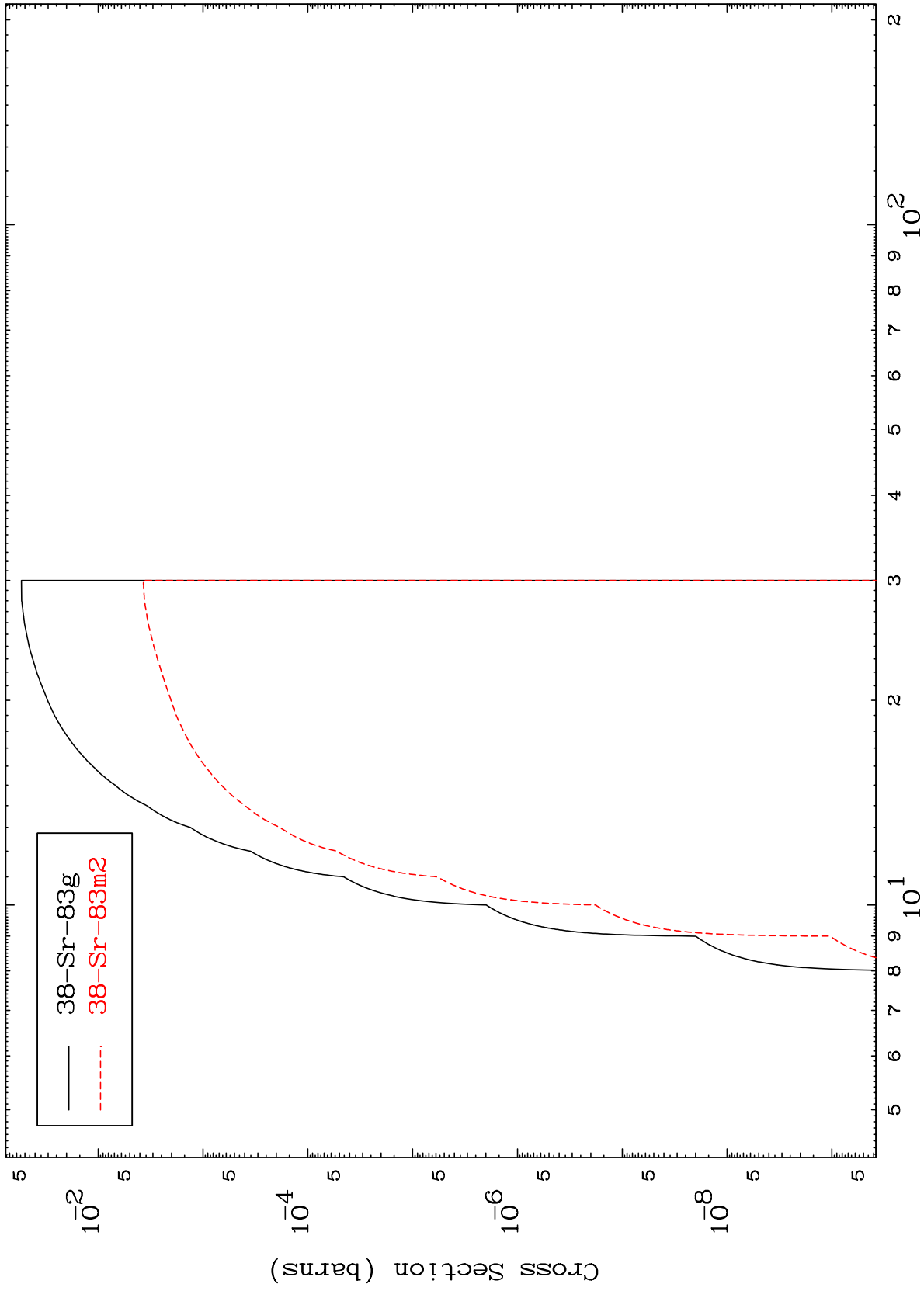
39-Y -84

MAT 3910

(d,p) d

39-Y -84

Radionuclide Production Cross Section



22

Incident Energy (MeV)

39-Y -84