

Program EVALPLOT
(Version 2021-1)

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

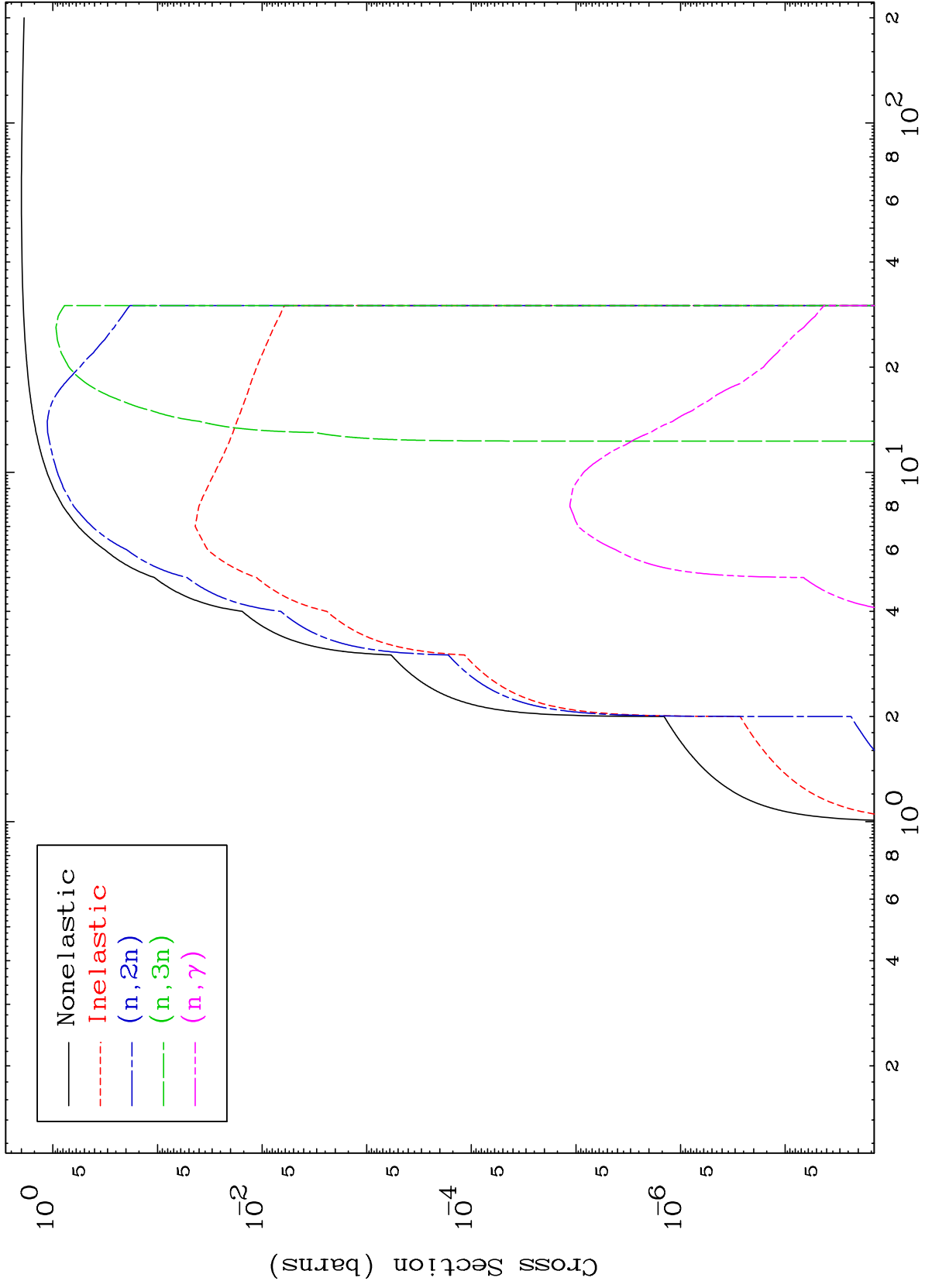
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3929

Deuteron Major
0 Kelvin Cross Sections

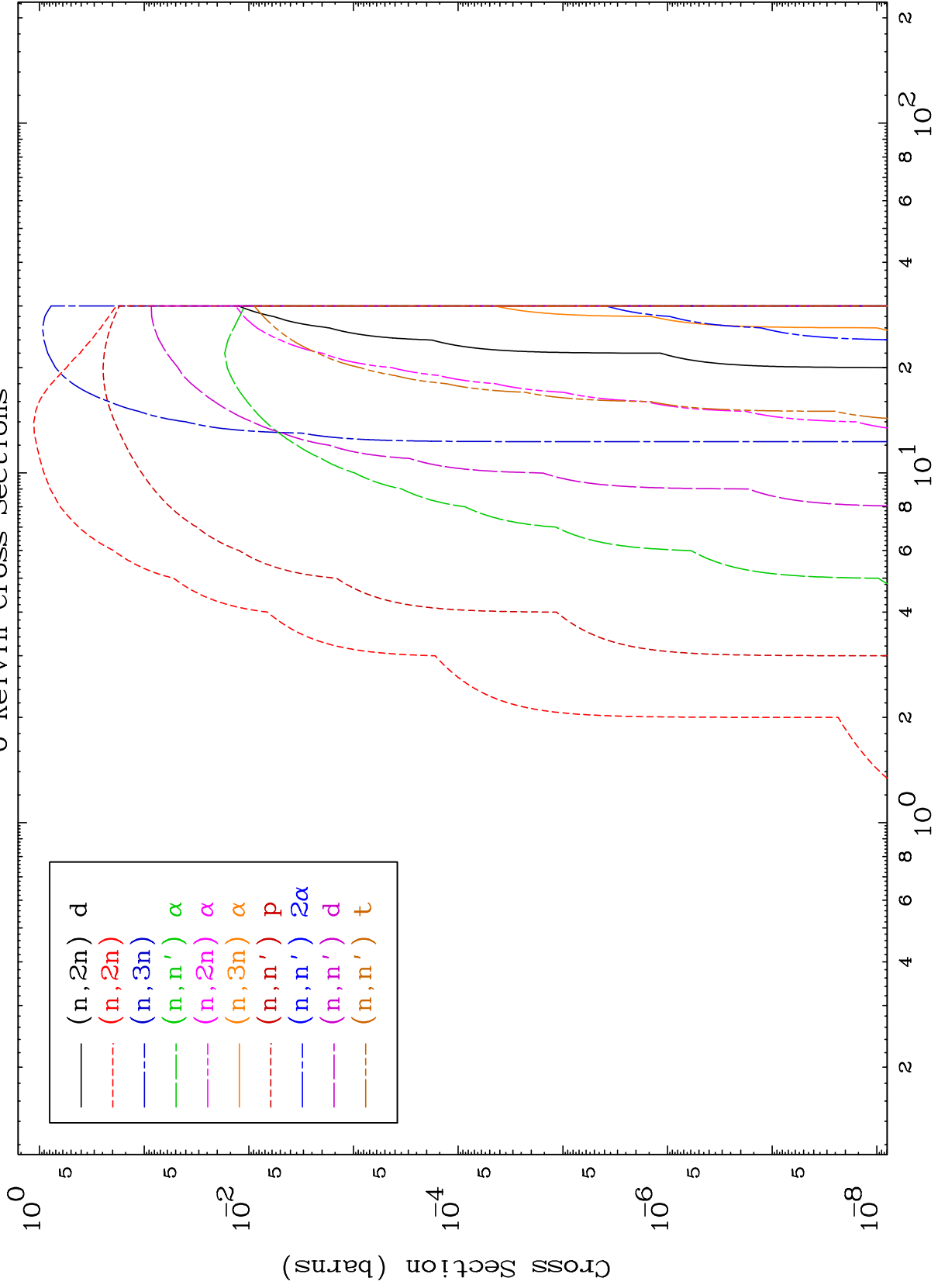
39-Y -90m



MAT 3929

Deuteron Neutron Absorption
0 Kelvin Cross Sections

39-Y -90m



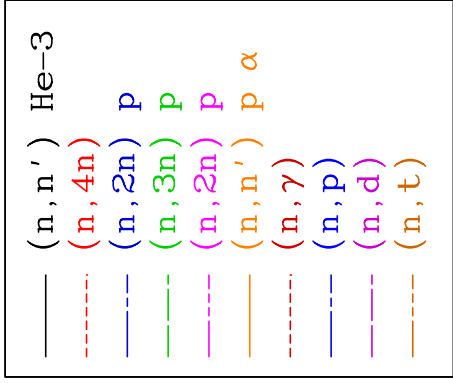
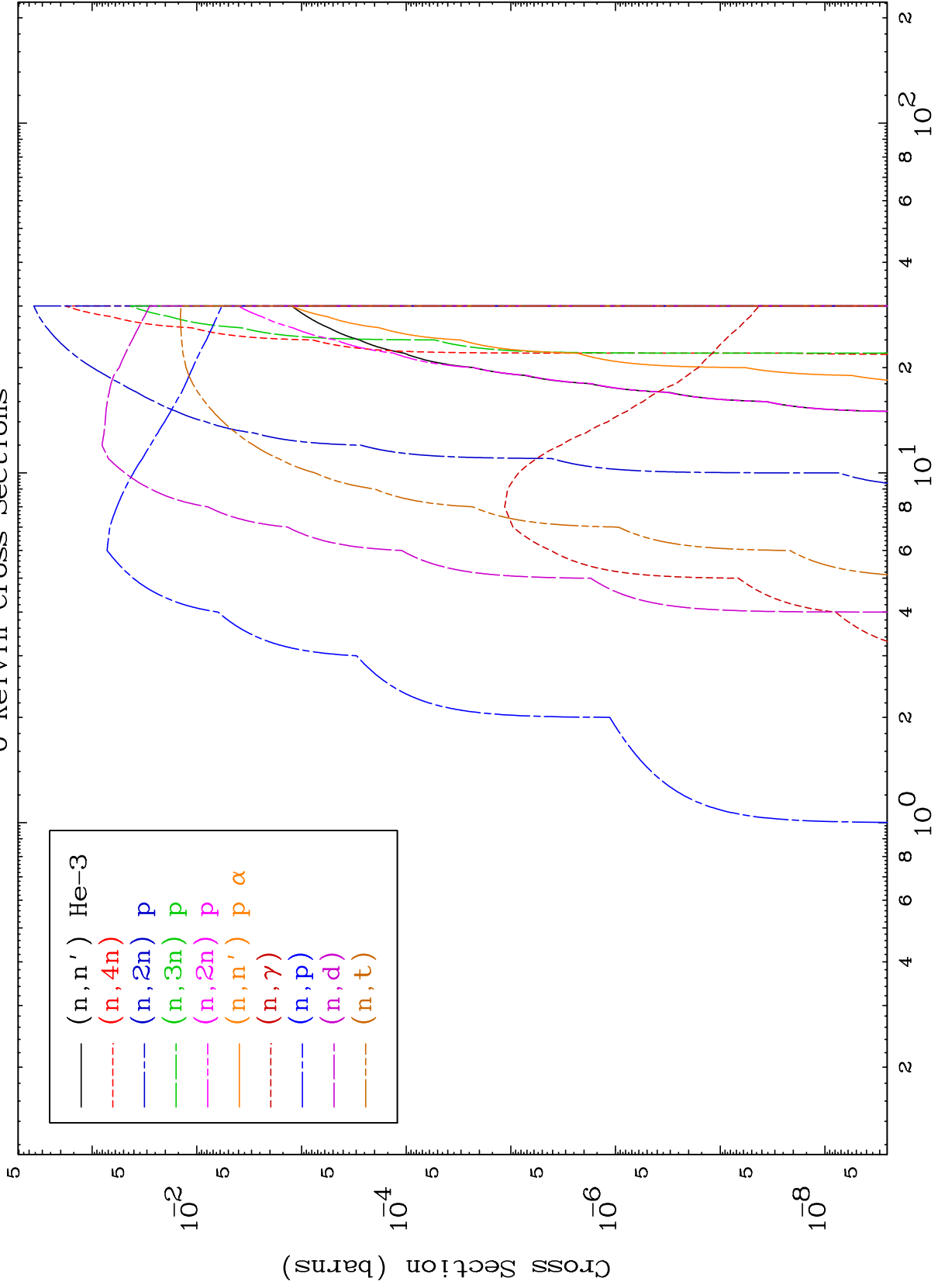
Incident Energy (MeV)

39-Y -90m

MAT 3929

Deuteron Neutron Absorption
0 Kelvin Cross Sections

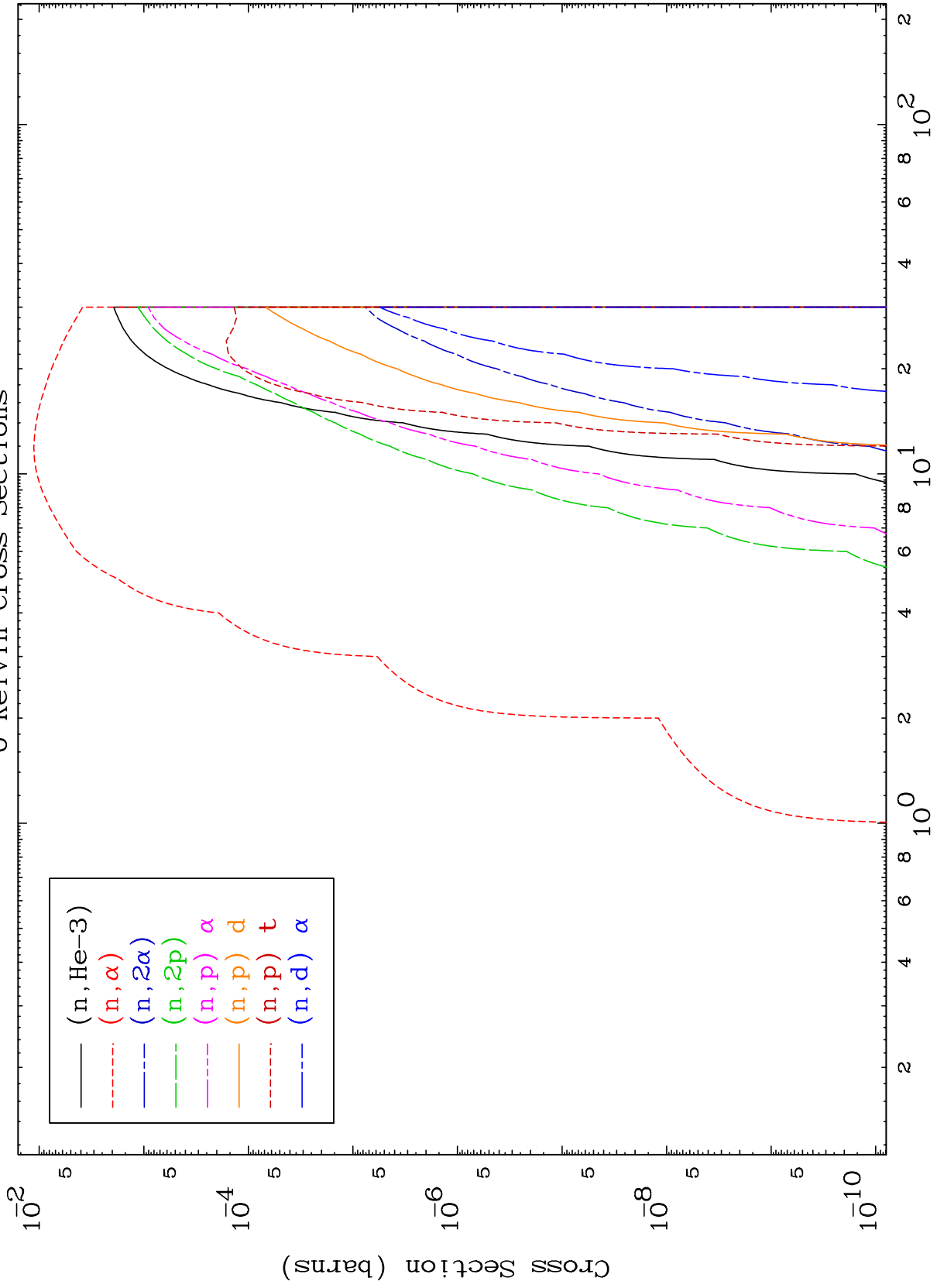
39-Y -90m

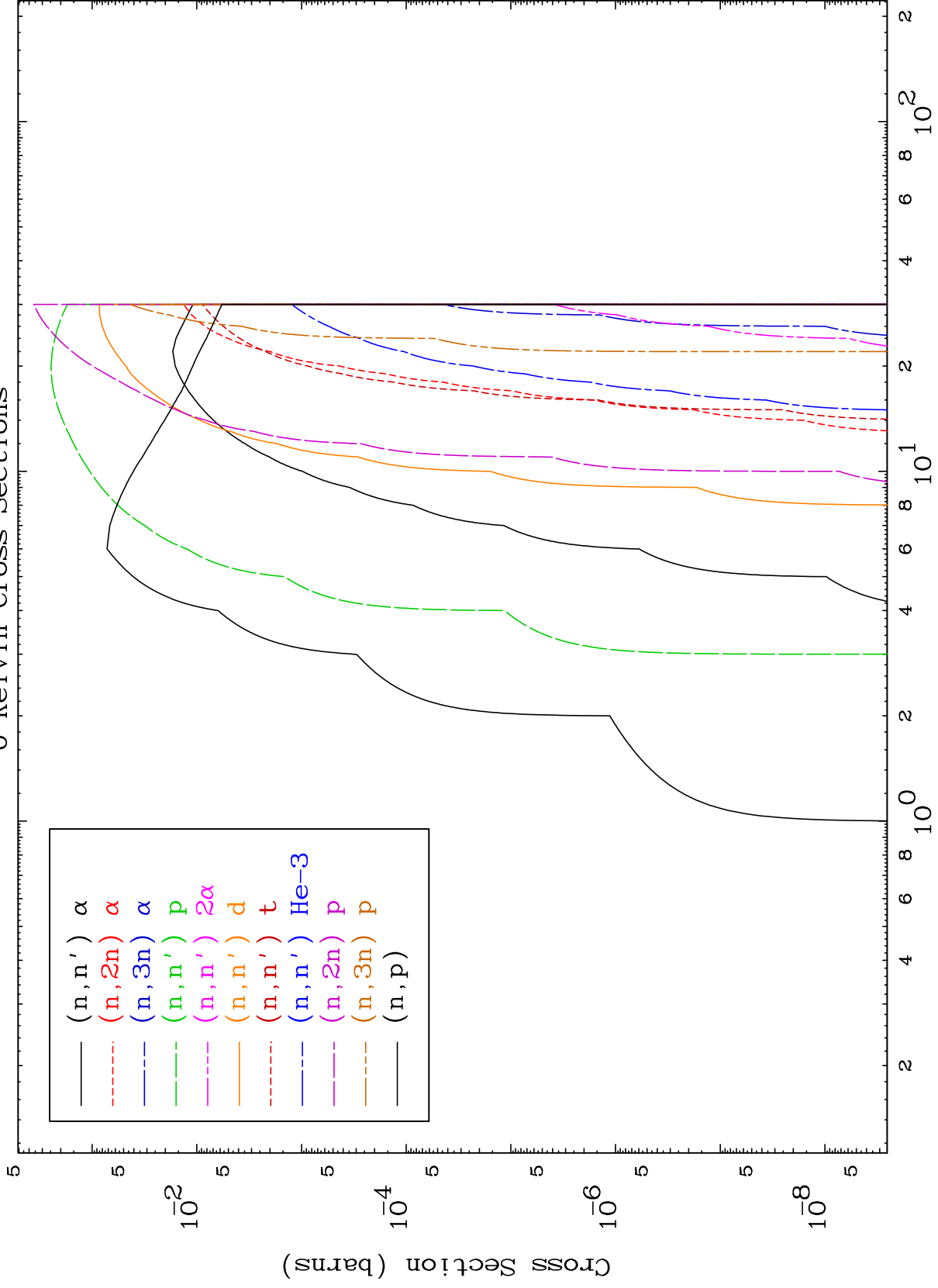


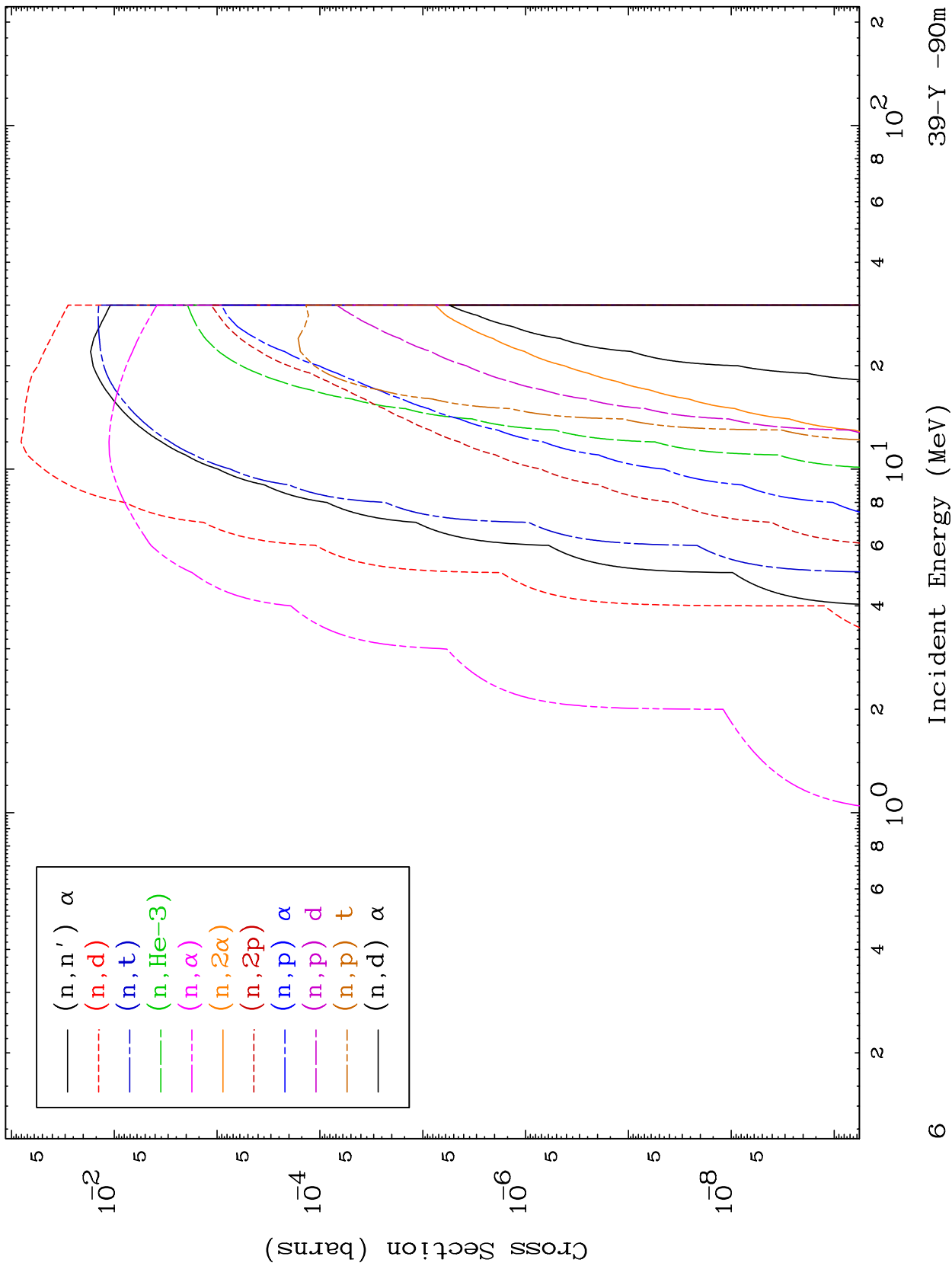
39-Y -90m

Incident Energy (MeV)

3



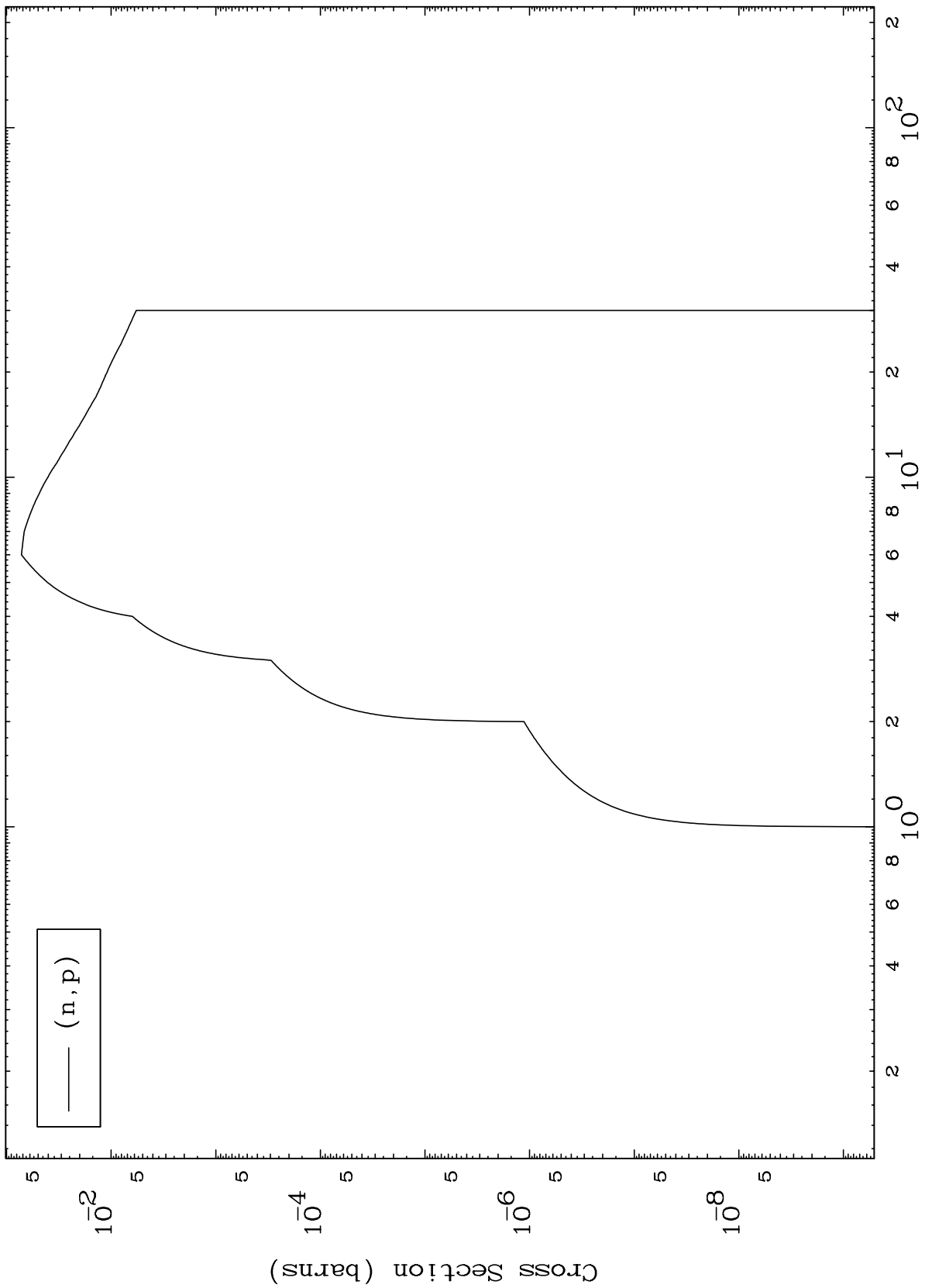




MAT 3929

39-Y -90m

(d,p) Levels
0 Kelvin Cross Sections



39-Y -90m

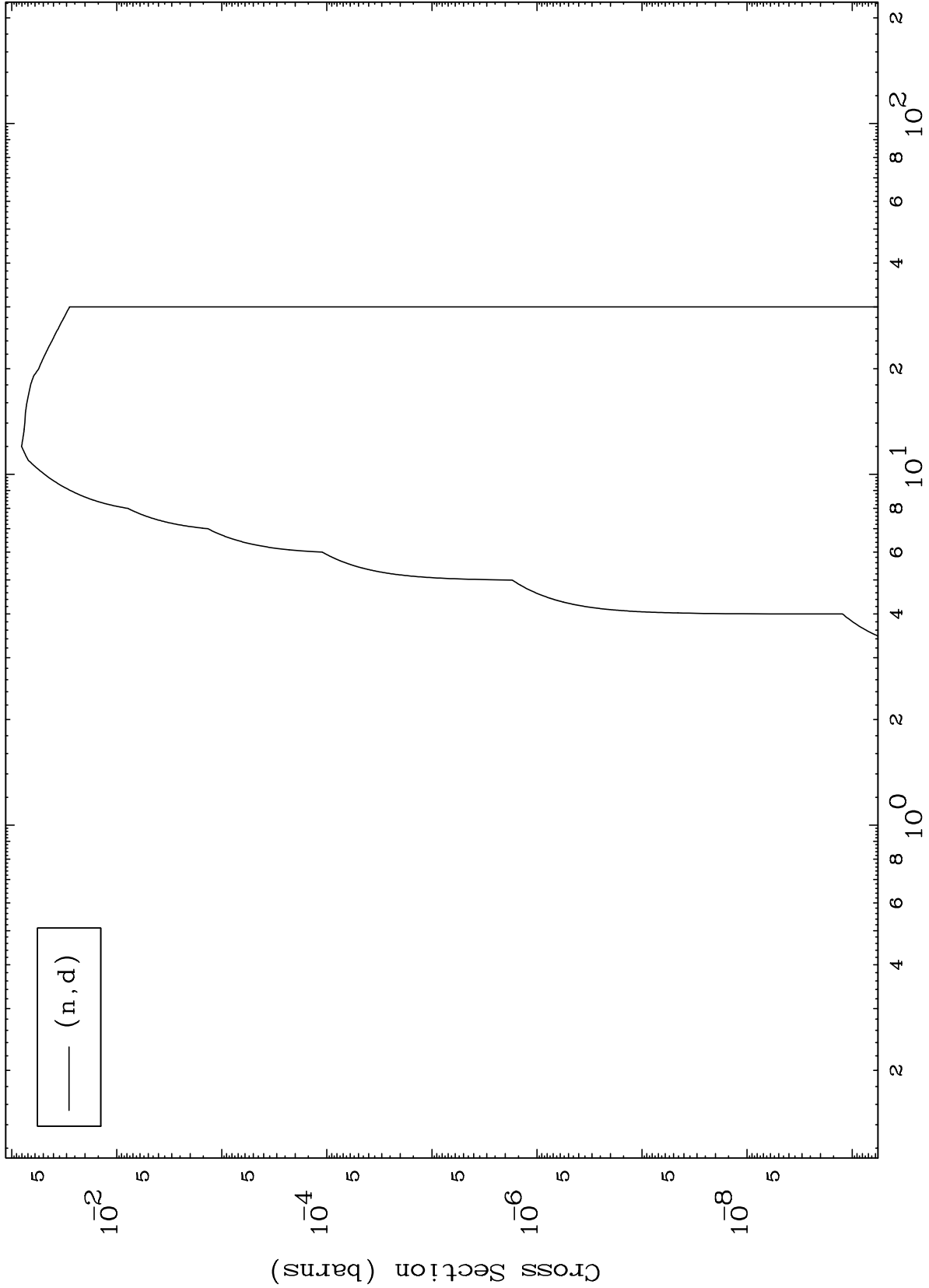
Incident Energy (MeV)

MAT 3929

(d,d) Levels

39-Y -90m

0 Kelvin Cross Sections

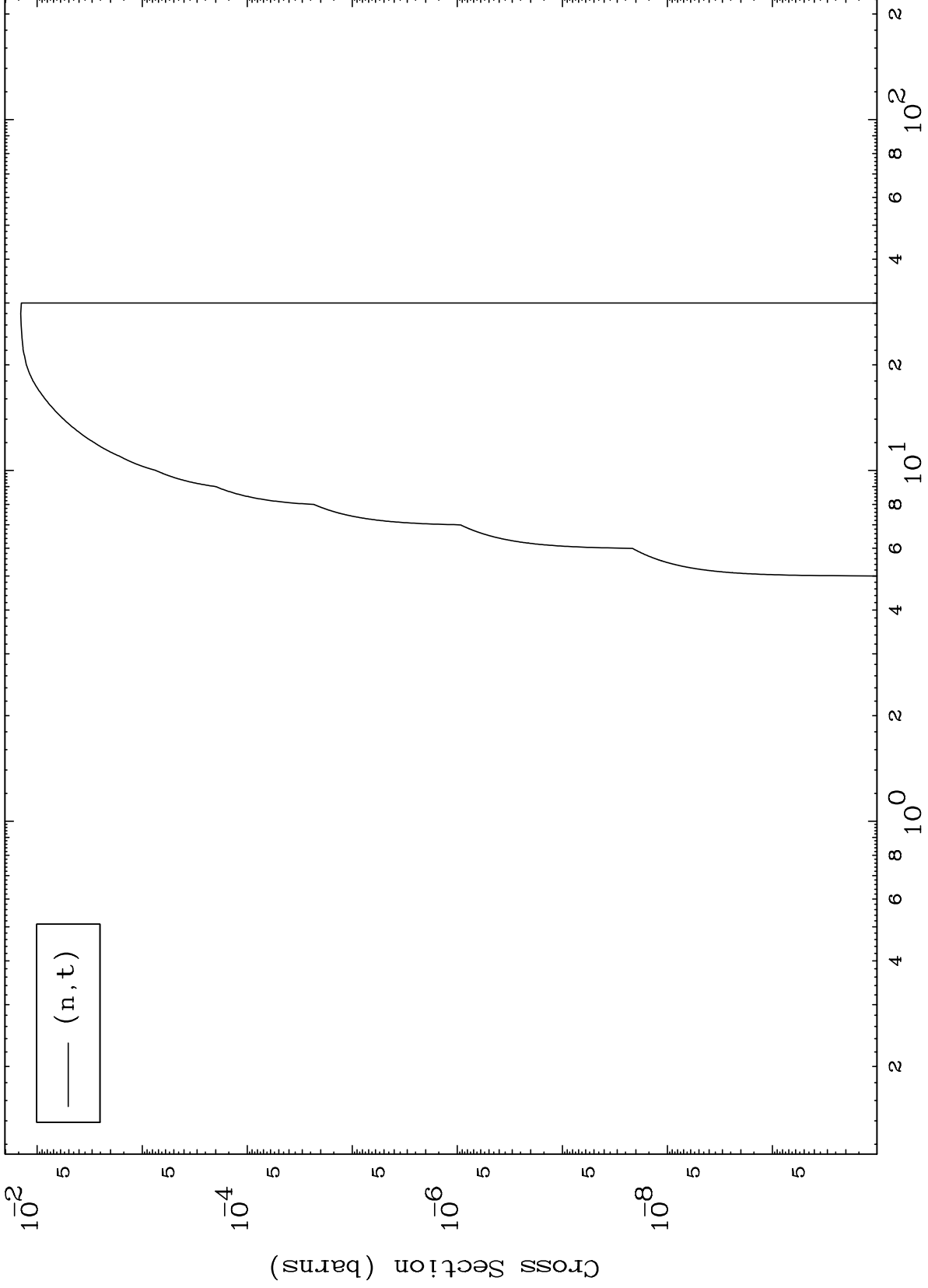


MAT 3929

(d,t) Levels

39-Y -90m

0 Kelvin Cross Sections

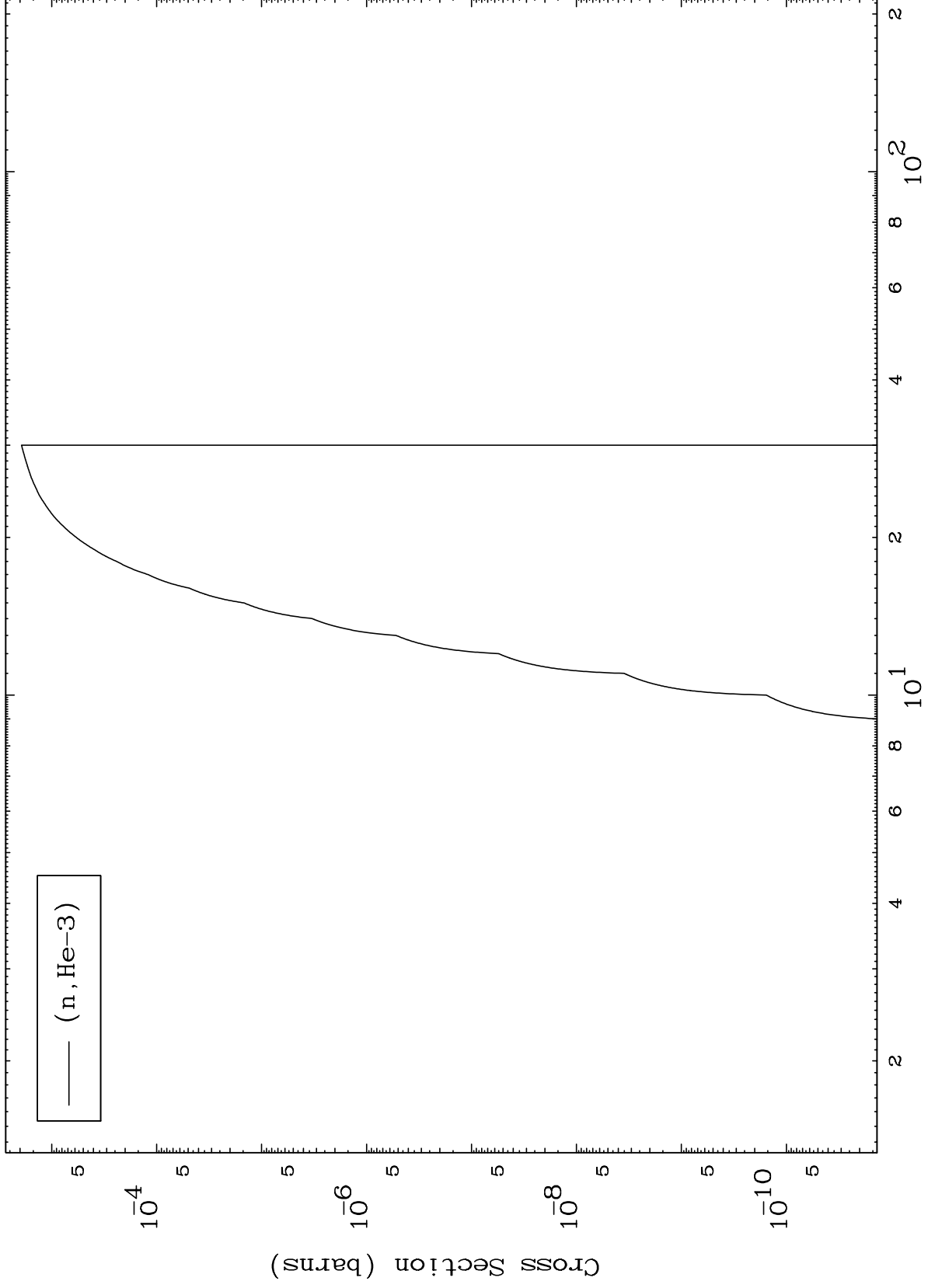


(n,t)

MAT 3929

(d,He3) Levels
0 Kelvin Cross Sections

39-Y -90m



10

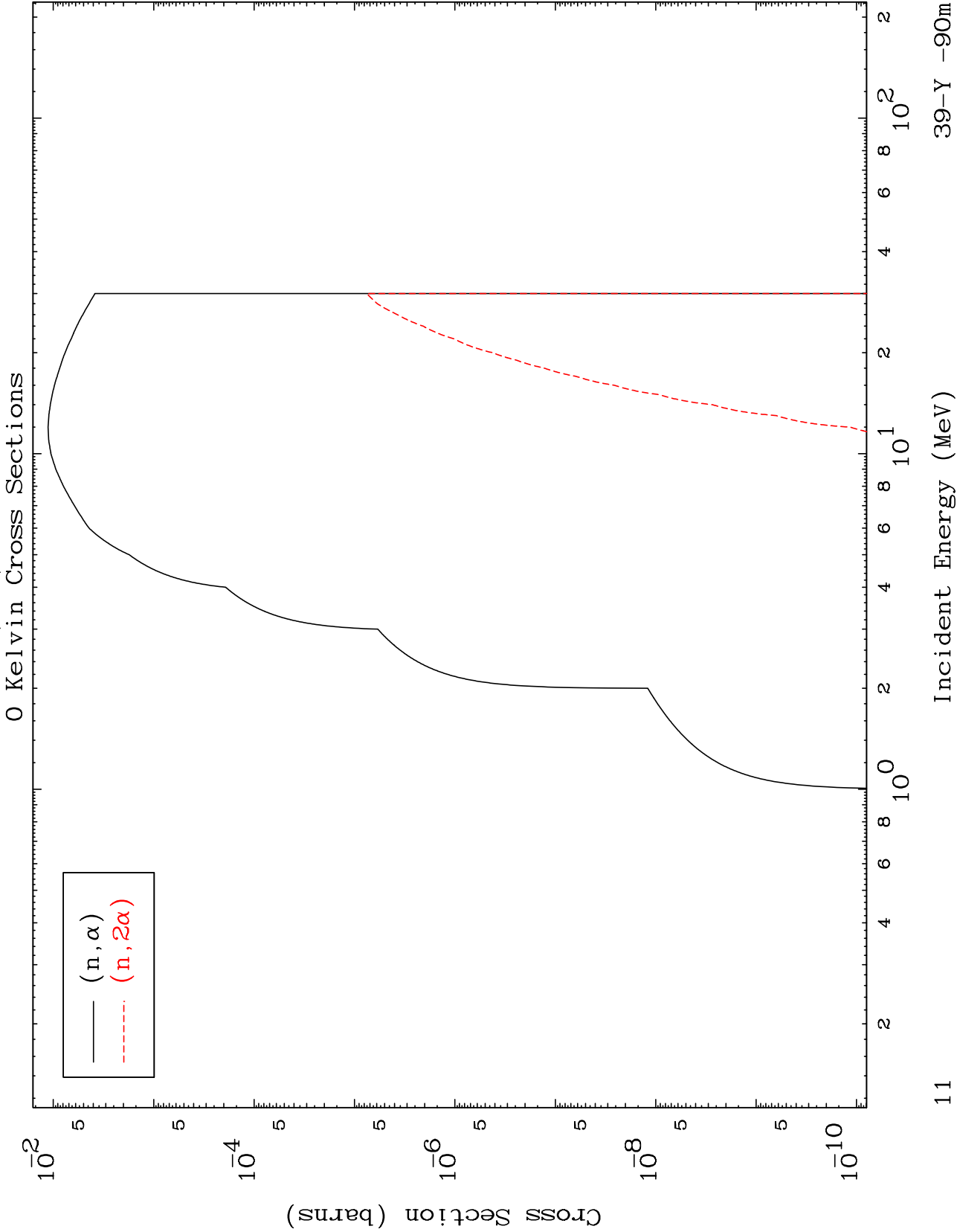
Incident Energy (MeV)

39-Y -90m

MAT 3929

(d, α) Levels

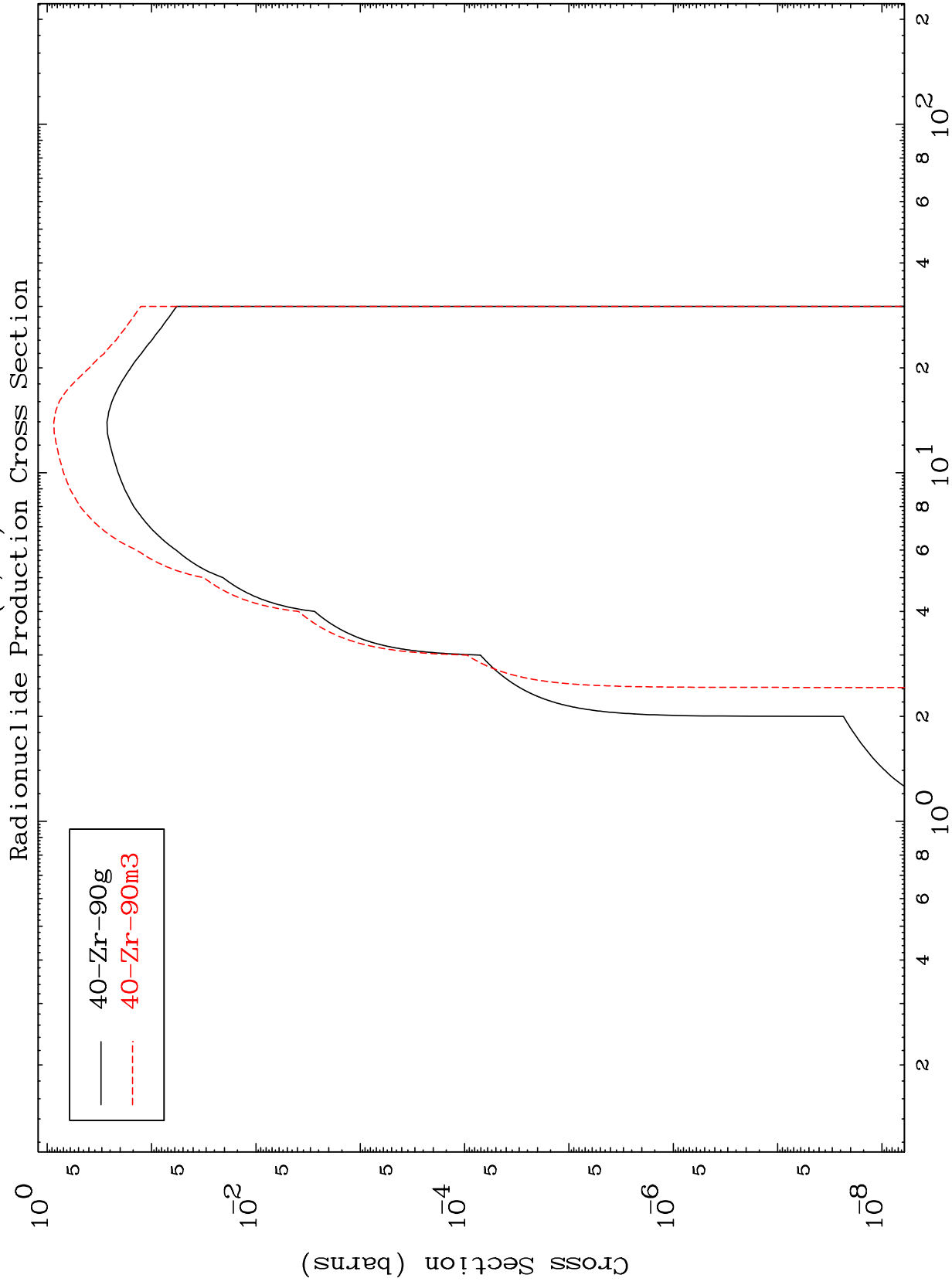
39-Y -90m



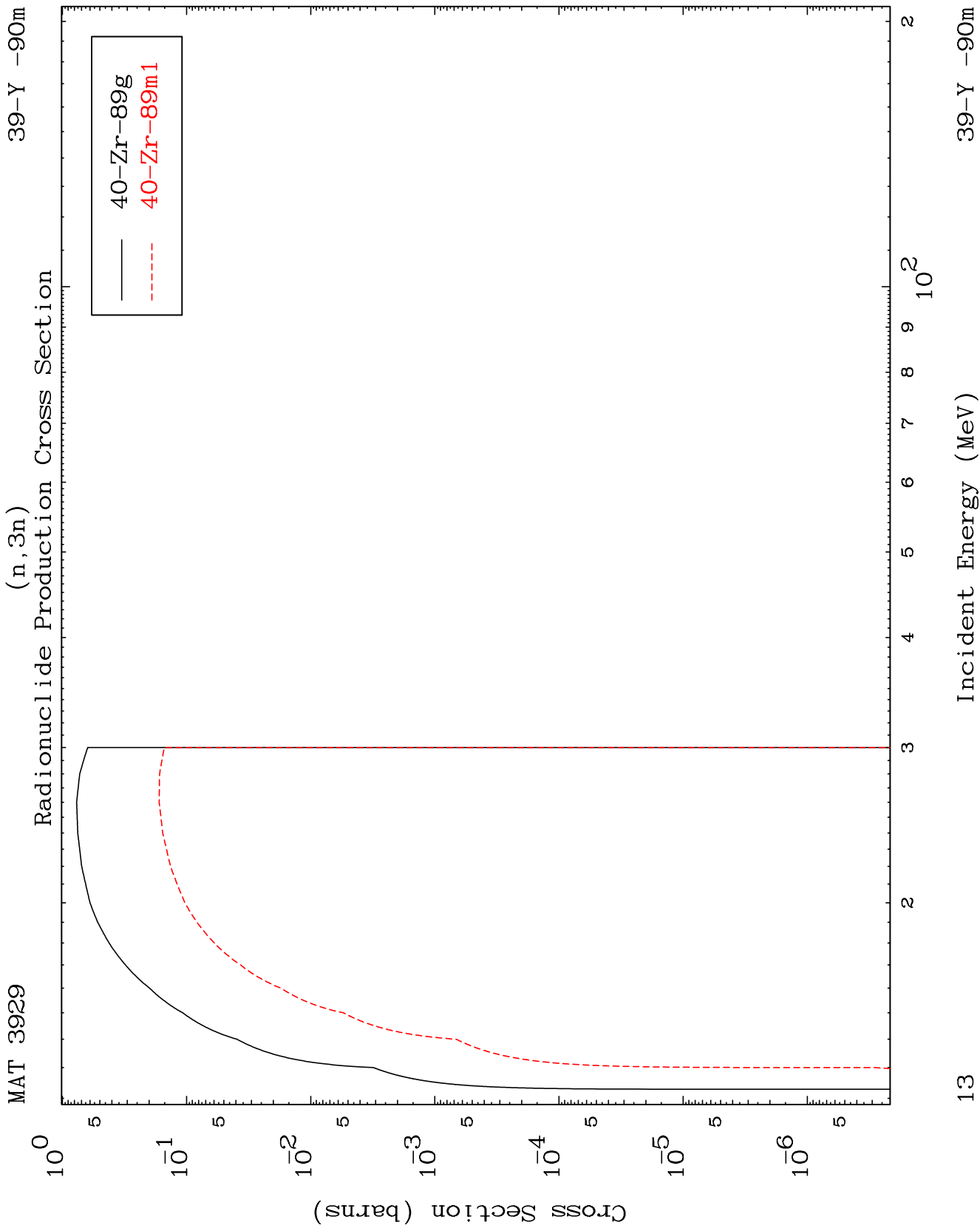
MAT 3929

(n,2n)

39-Y -90m



40-Zr-90g
40-Zr-90m3

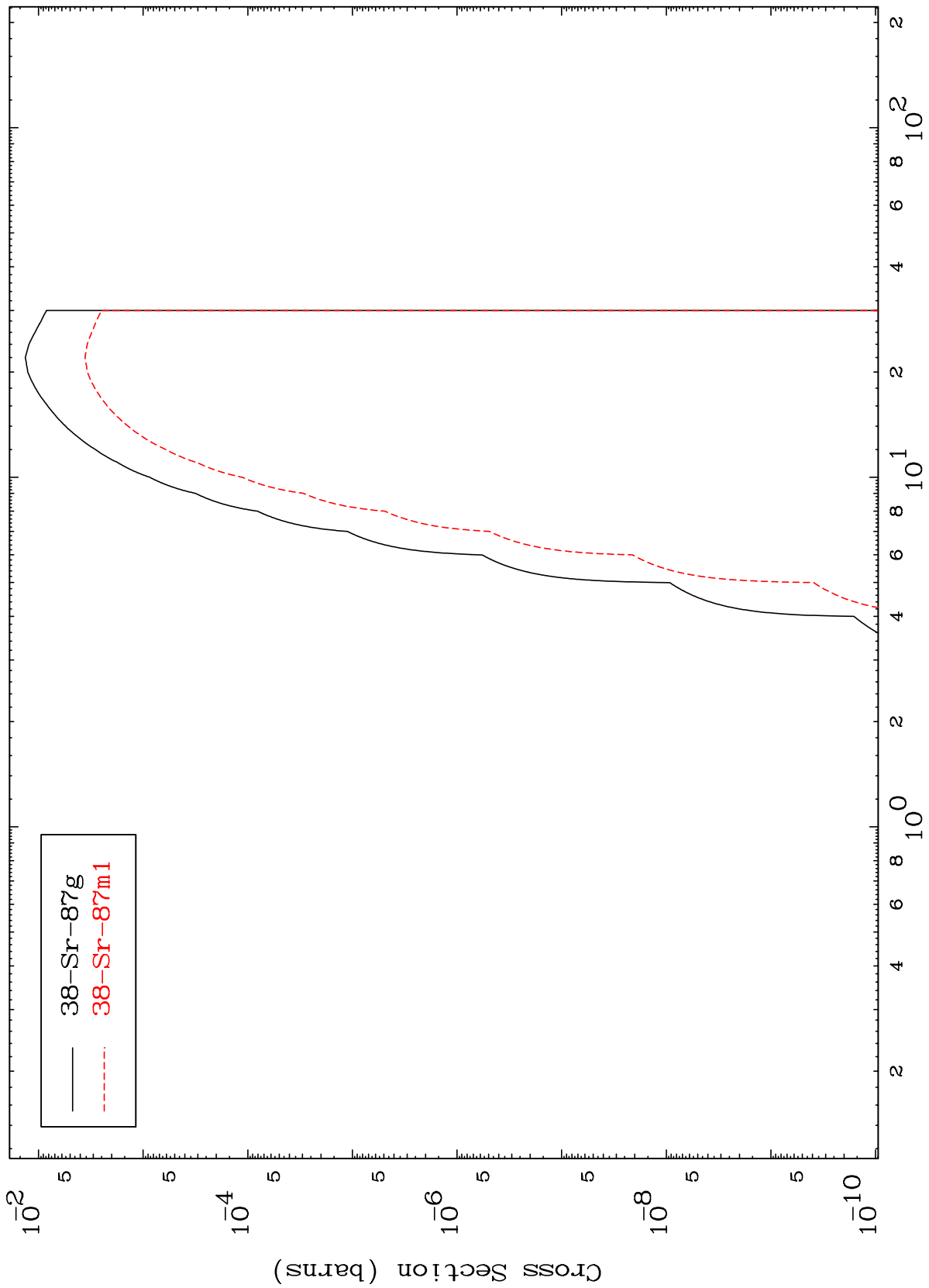


MAT 3929

(n,n') α

39-Y -90m

Radionuclide Production Cross Section

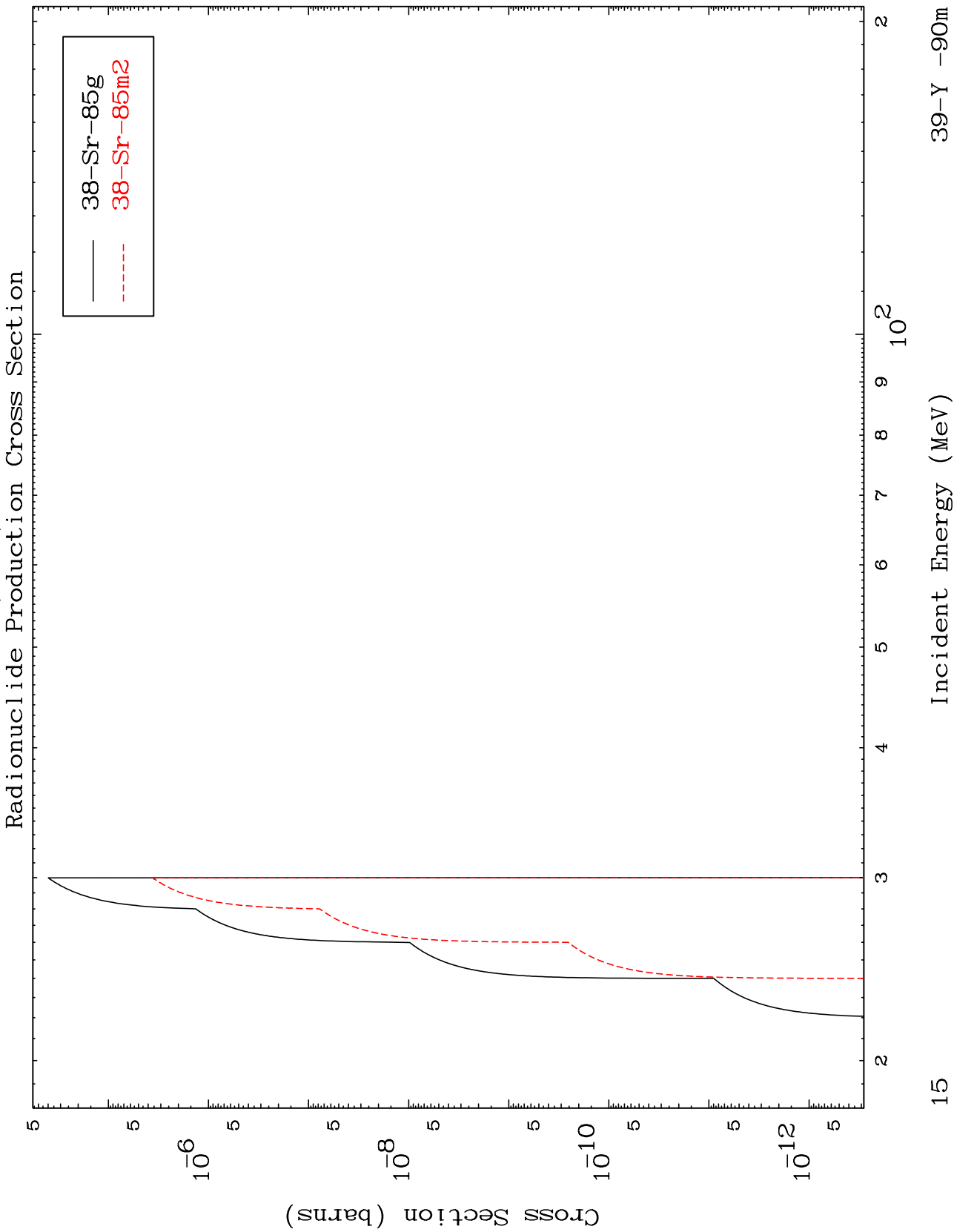


— 38-Sr-87g
- - - 38-Sr-87m1

MAT 3929

(n,3n) α

39-Y -90m



15

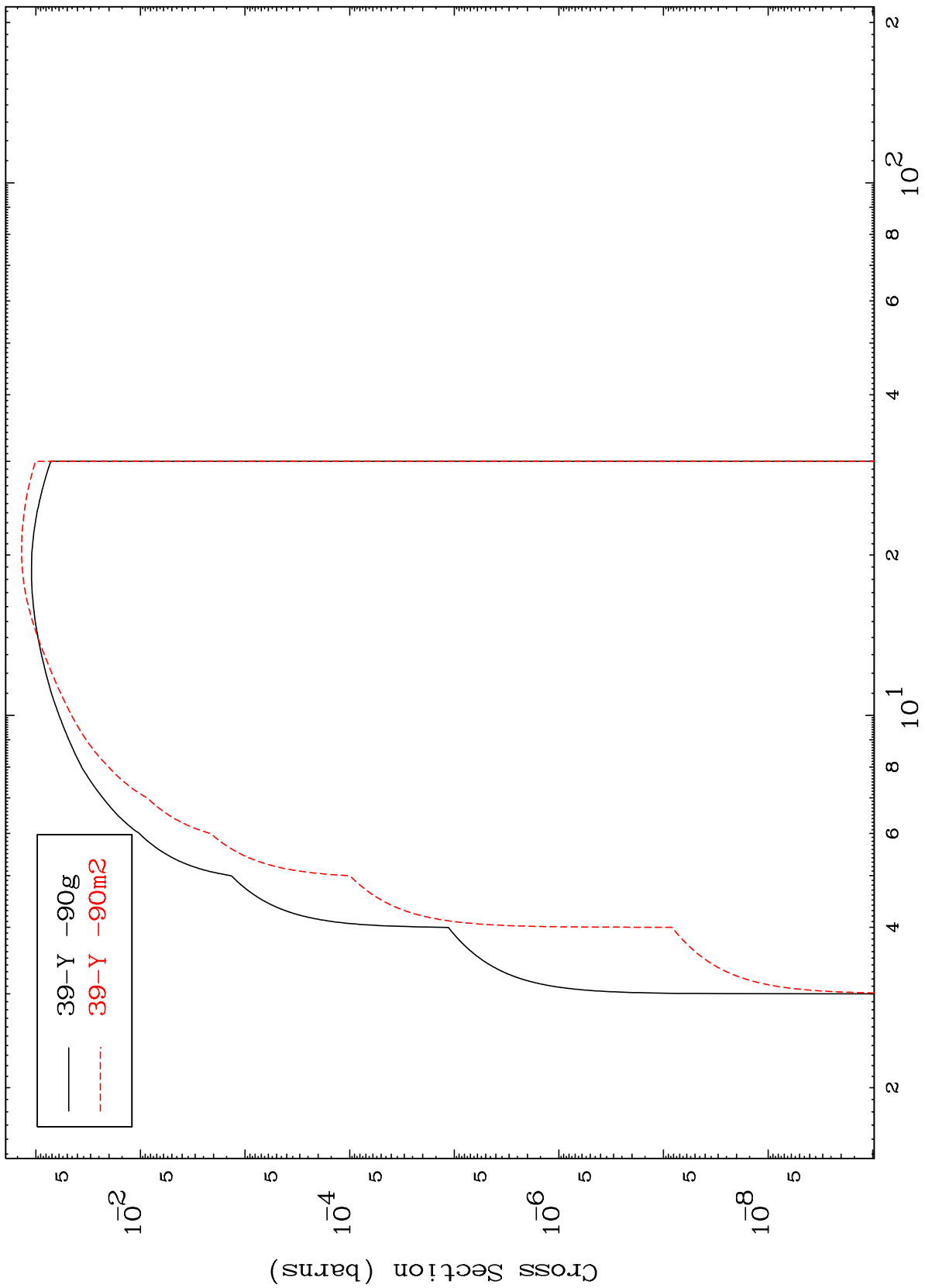
Incident Energy (MeV)

39-Y -90m

MAT 3929

39-Y -90m

Radionuclide Production Cross Section



16

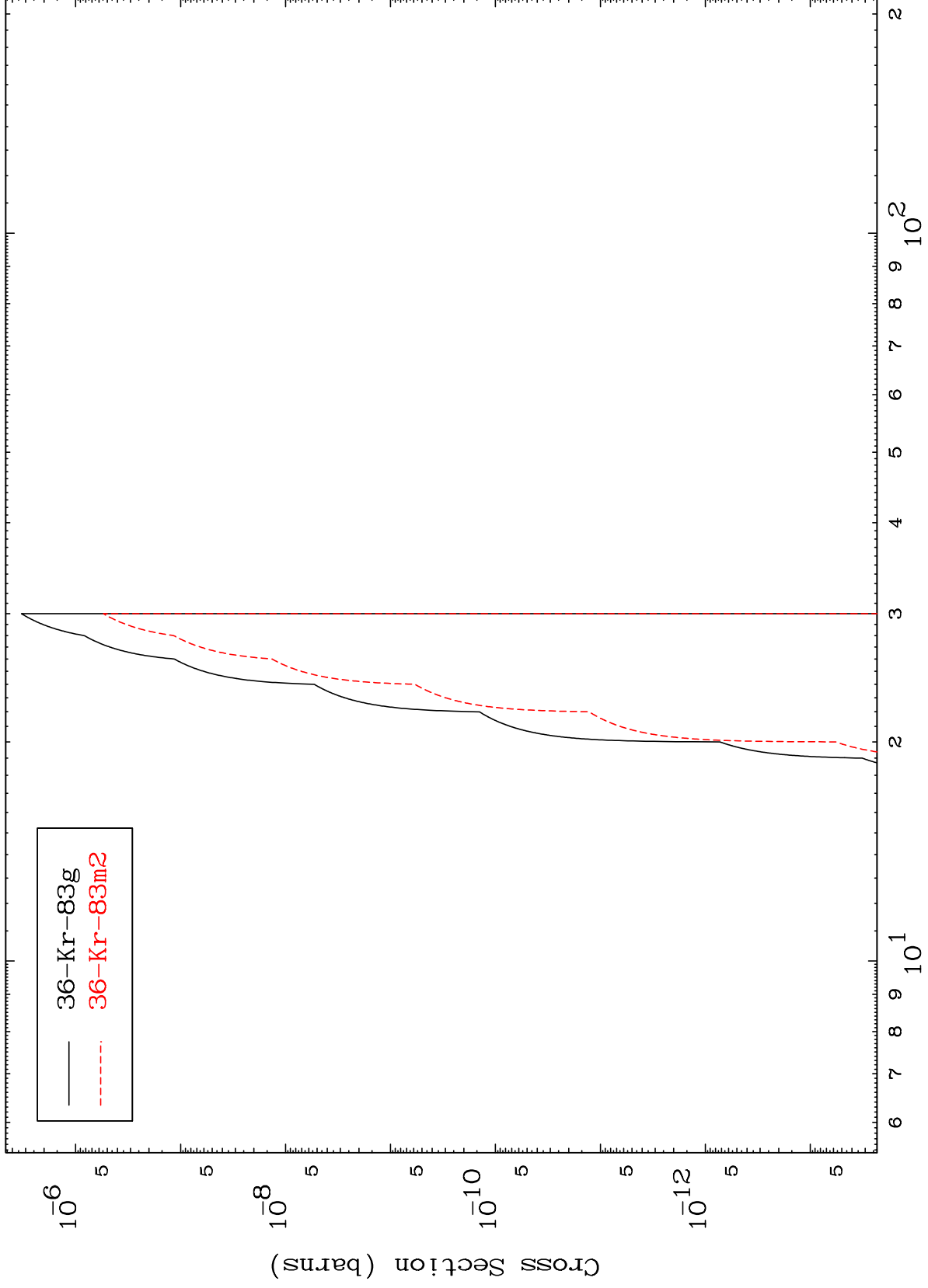
39-Y -90m

MAT 3929

(n,n') 2α

39-Y -90m

Radionuclide Production Cross Section



17

Incident Energy (MeV)

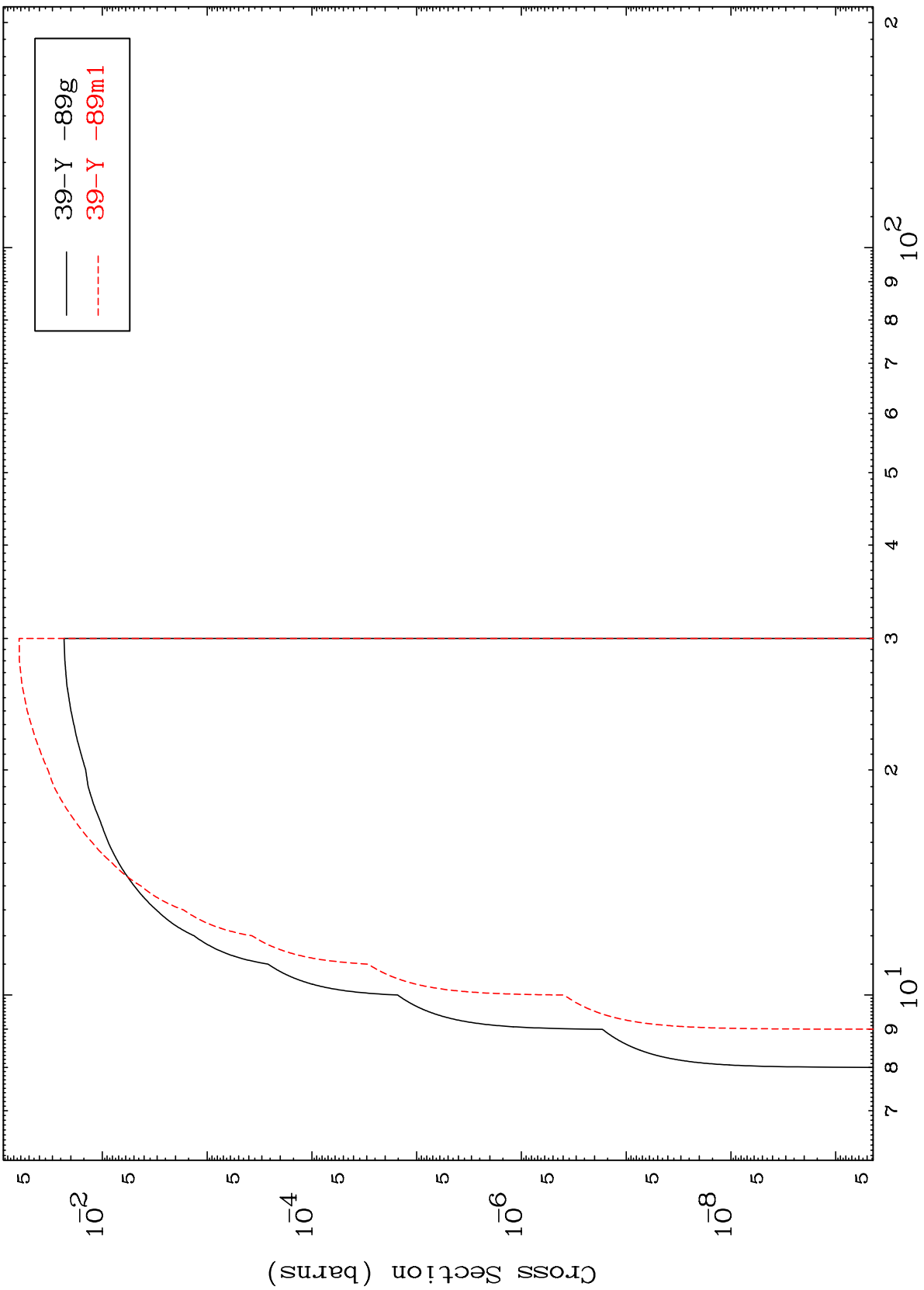
39-Y -90m

MAT 3929

(n,n') d

39-Y -90m

Radionuclide Production Cross Section



18

Incident Energy (MeV)

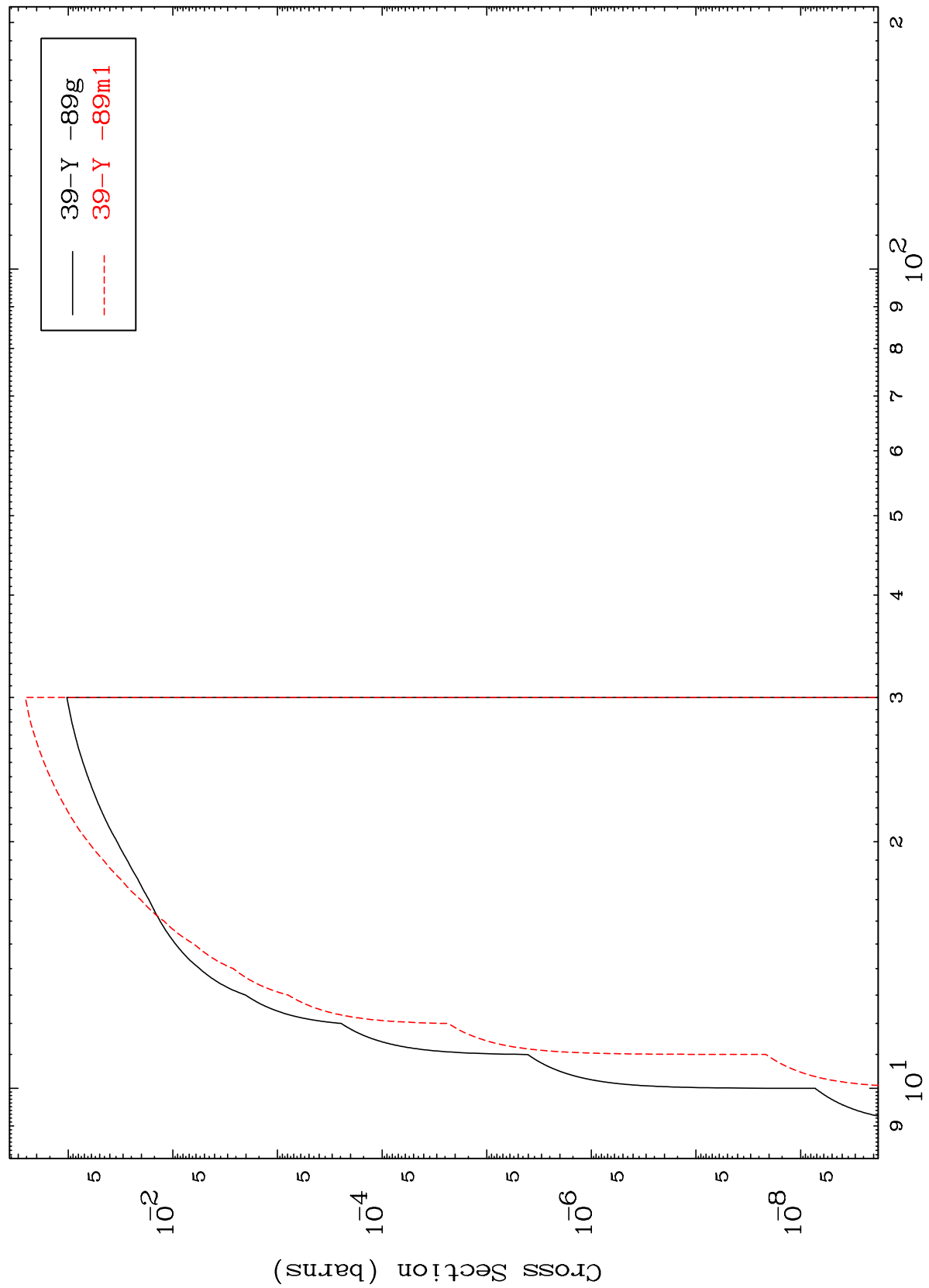
39-Y -90m

MAT 3929

(n,2n) p

39-Y -90m

Radionuclide Production Cross Section



39-Y -89g
39-Y -89m1

19

Incident Energy (MeV)

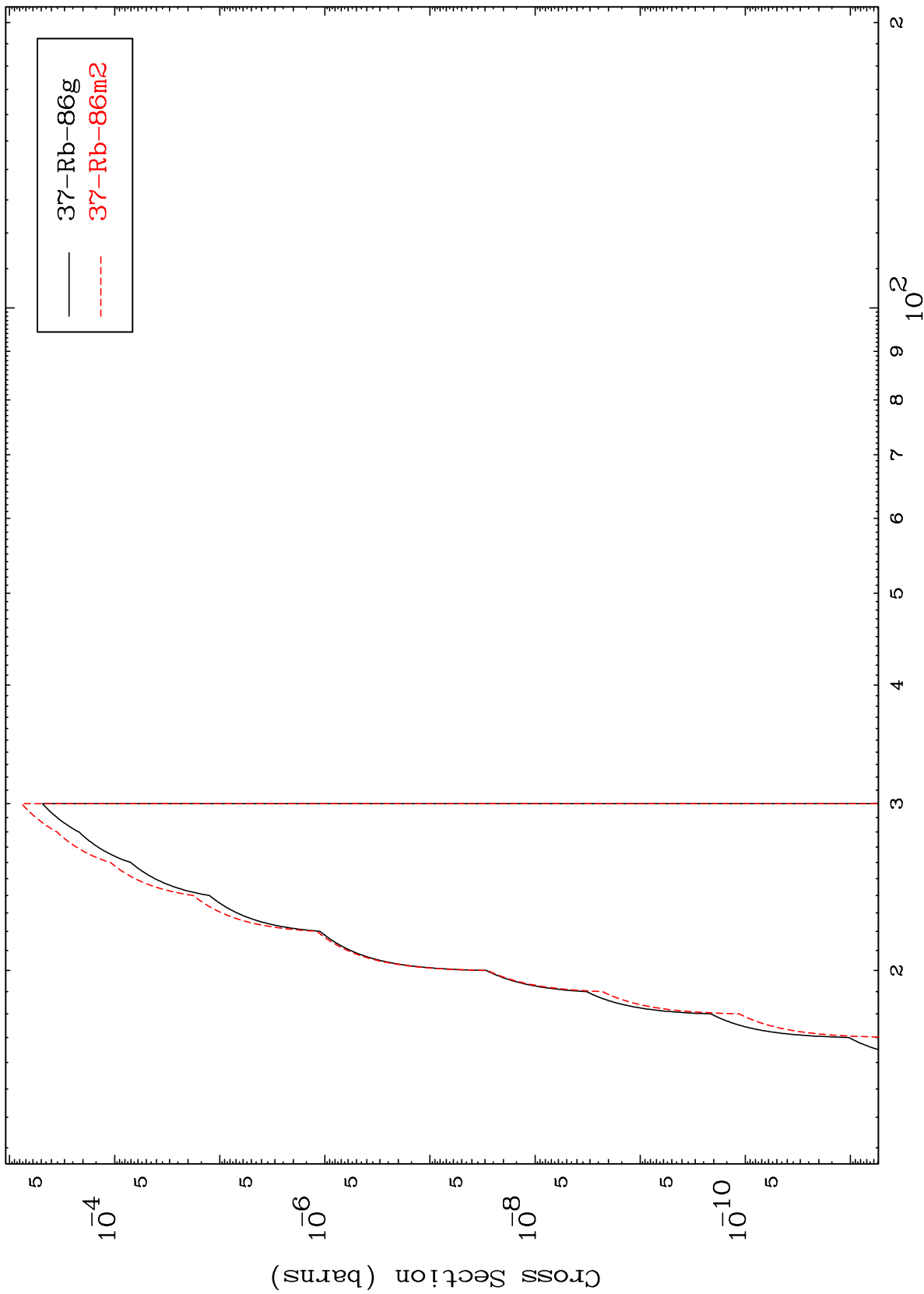
39-Y -90m

MAT 3929

(n,n') p α

39-Y -90m

Radionuclide Production Cross Section



20

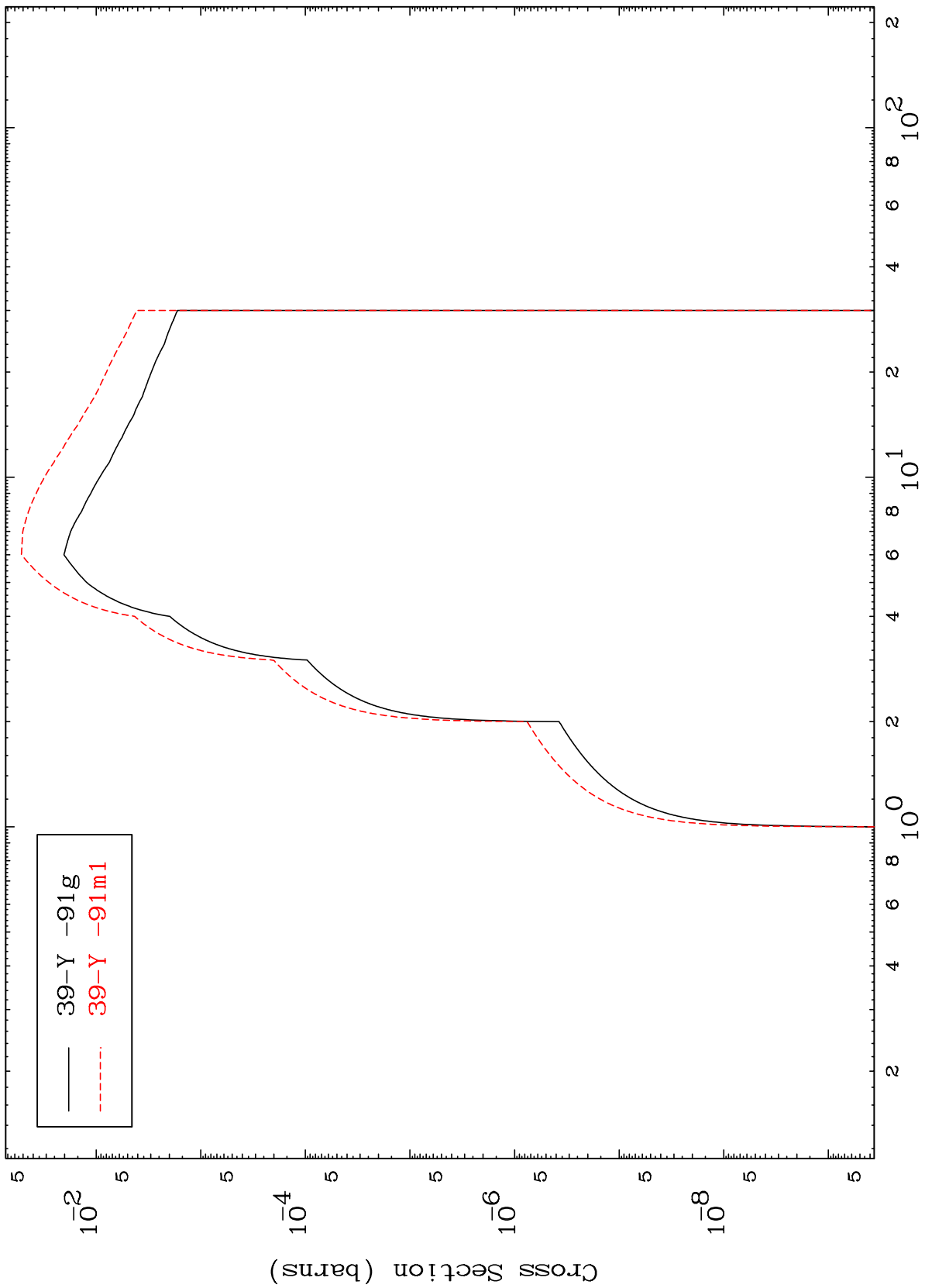
Incident Energy (MeV)

39-Y -90m

MAT 3929

39-Y -90m

(n,p)
Radionuclide Production Cross Section

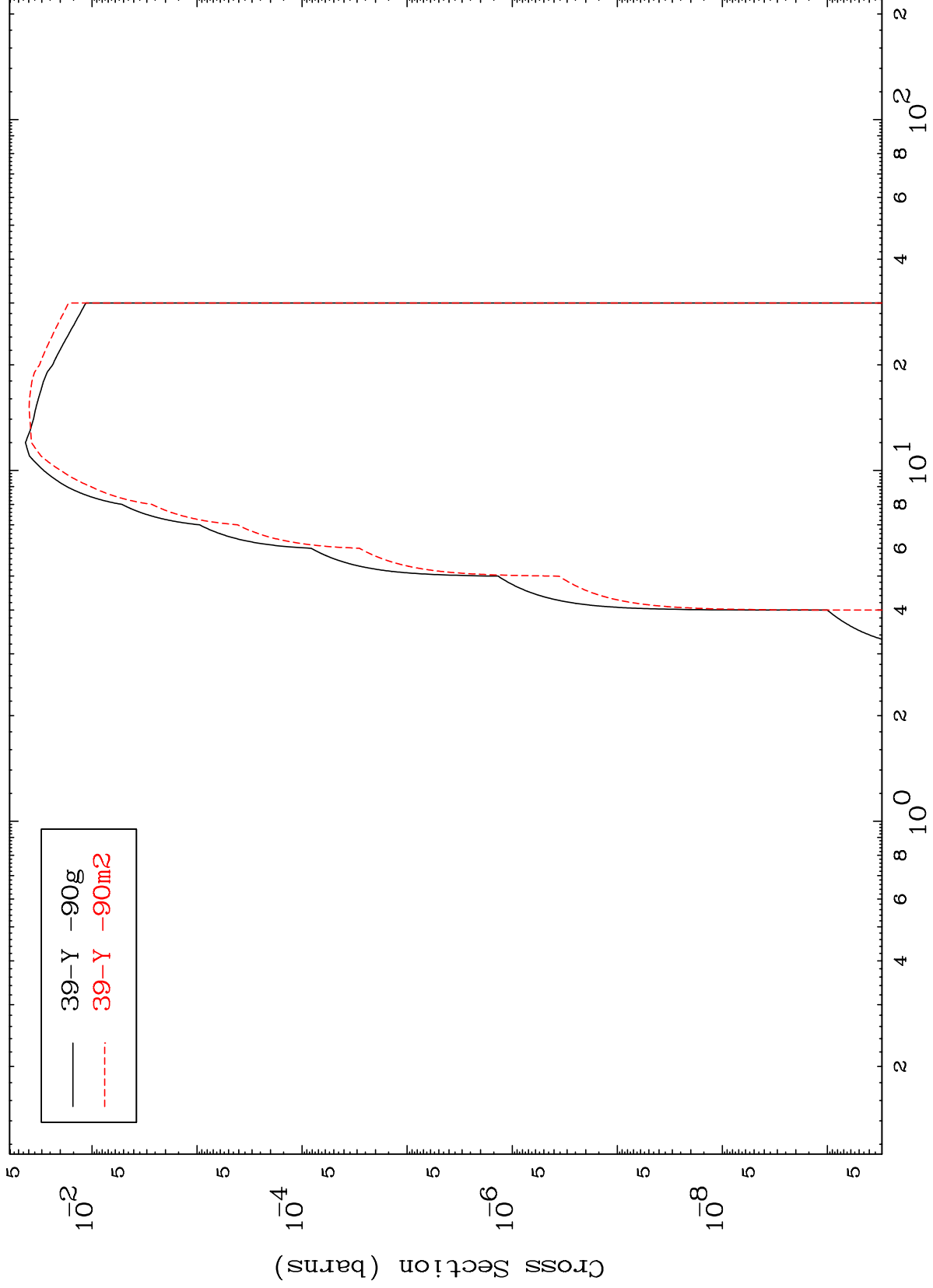


MAT 3929

(n,d)

39-Y -90m

Radionuclide Production Cross Section



22

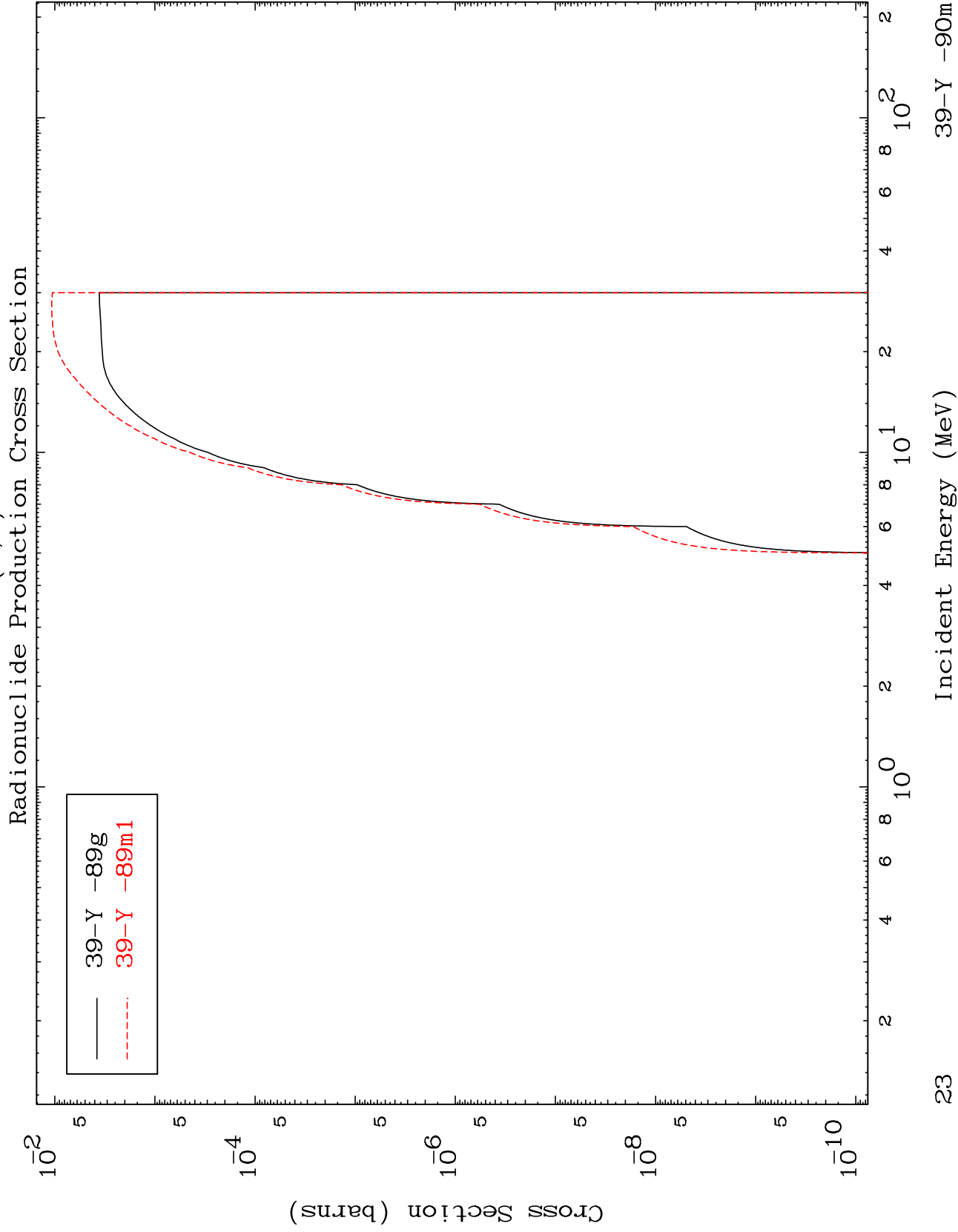
Incident Energy (MeV)

39-Y -90m

MAT 3929

(n, t)

39-Y -90m

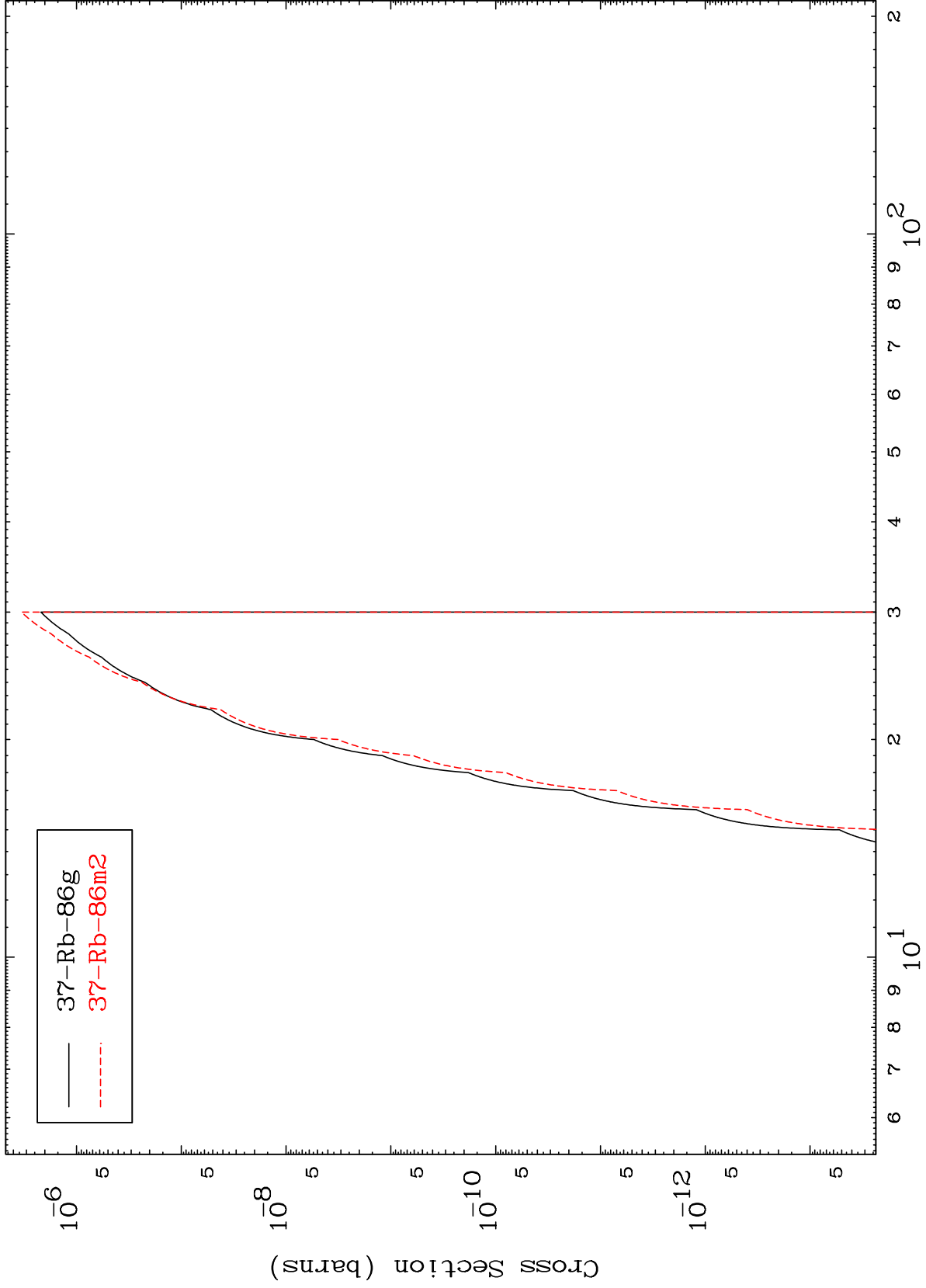


MAT 3929

(n,d) α

39-Y -90m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

39-Y -90m