

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

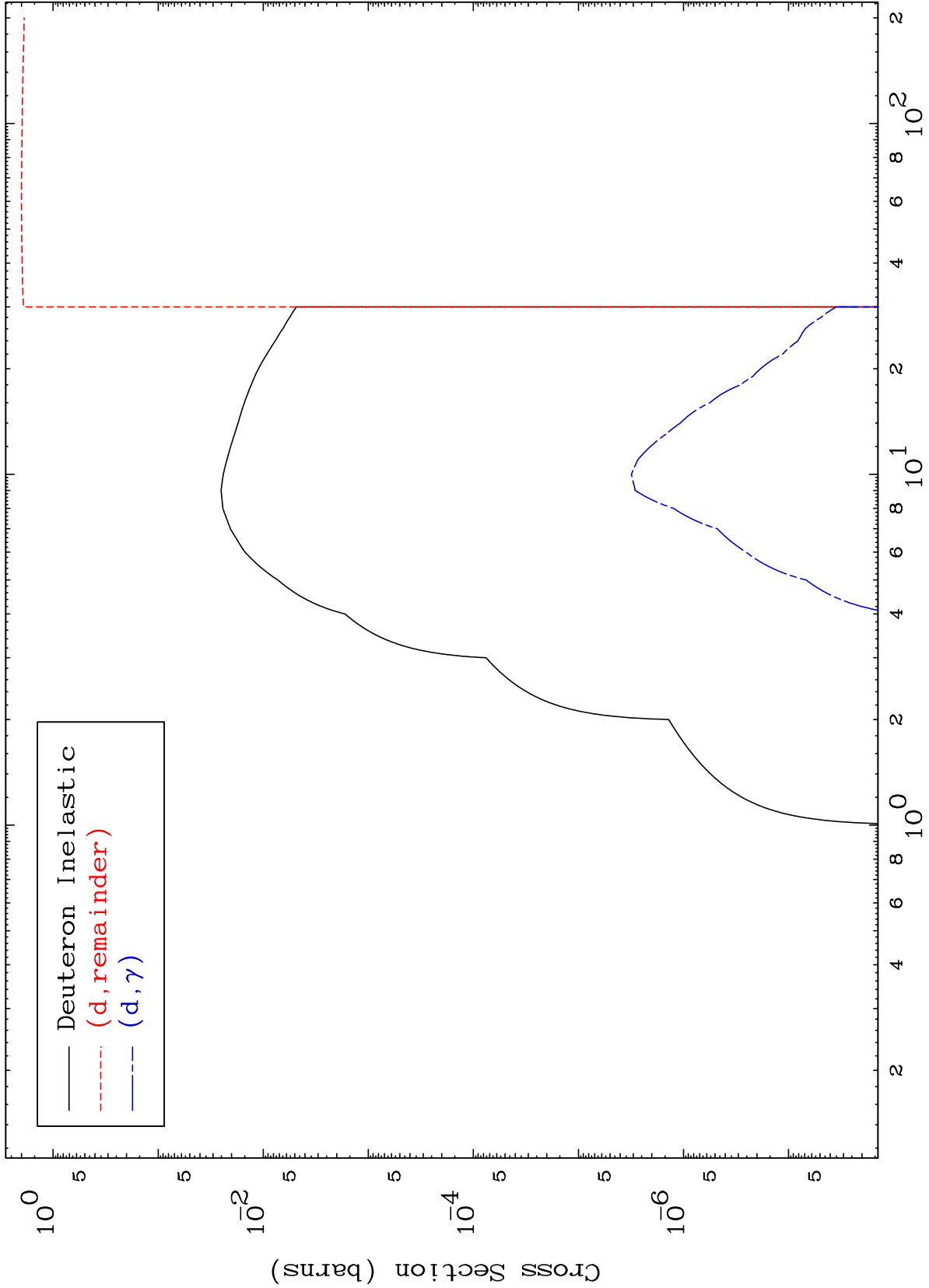
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Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

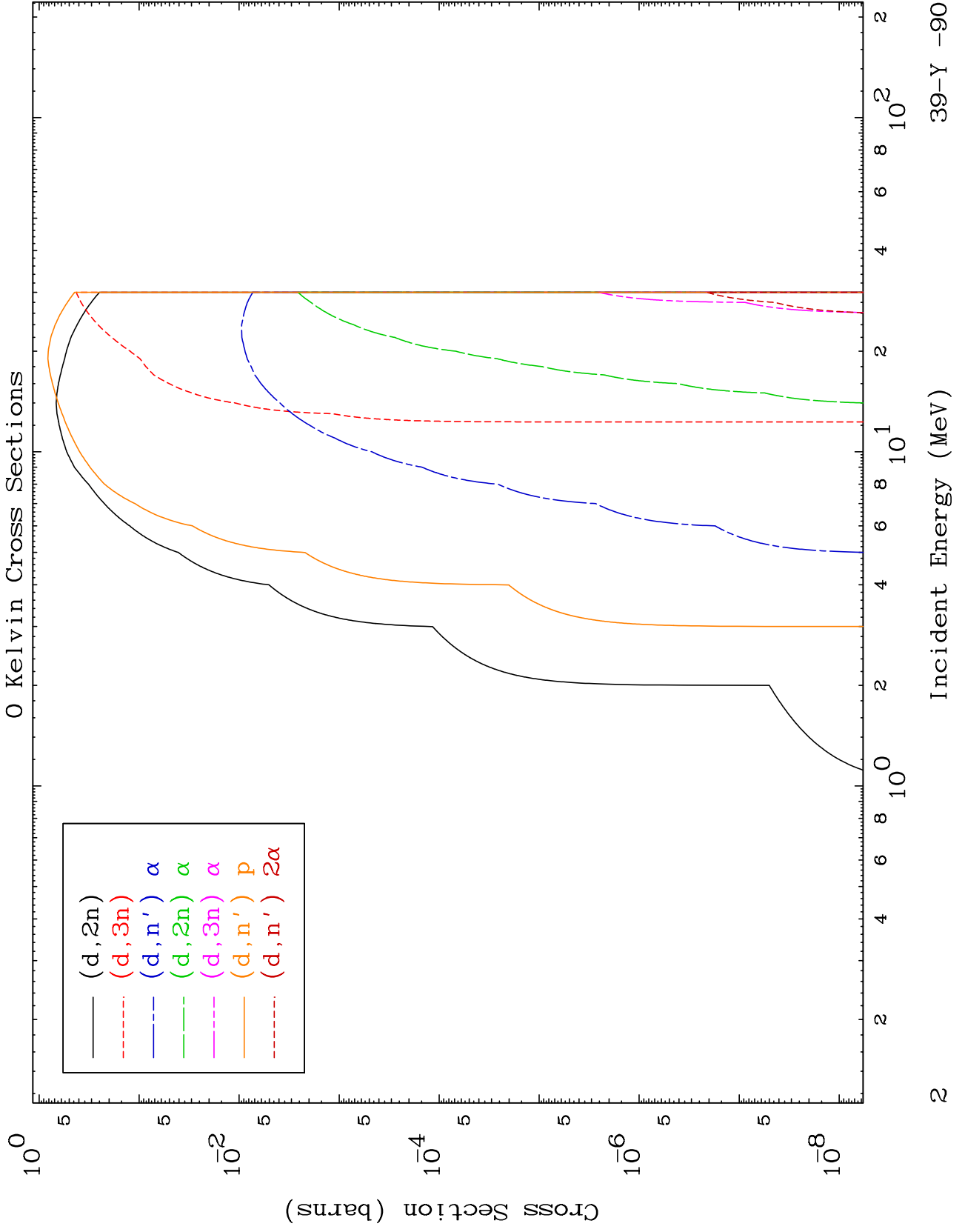


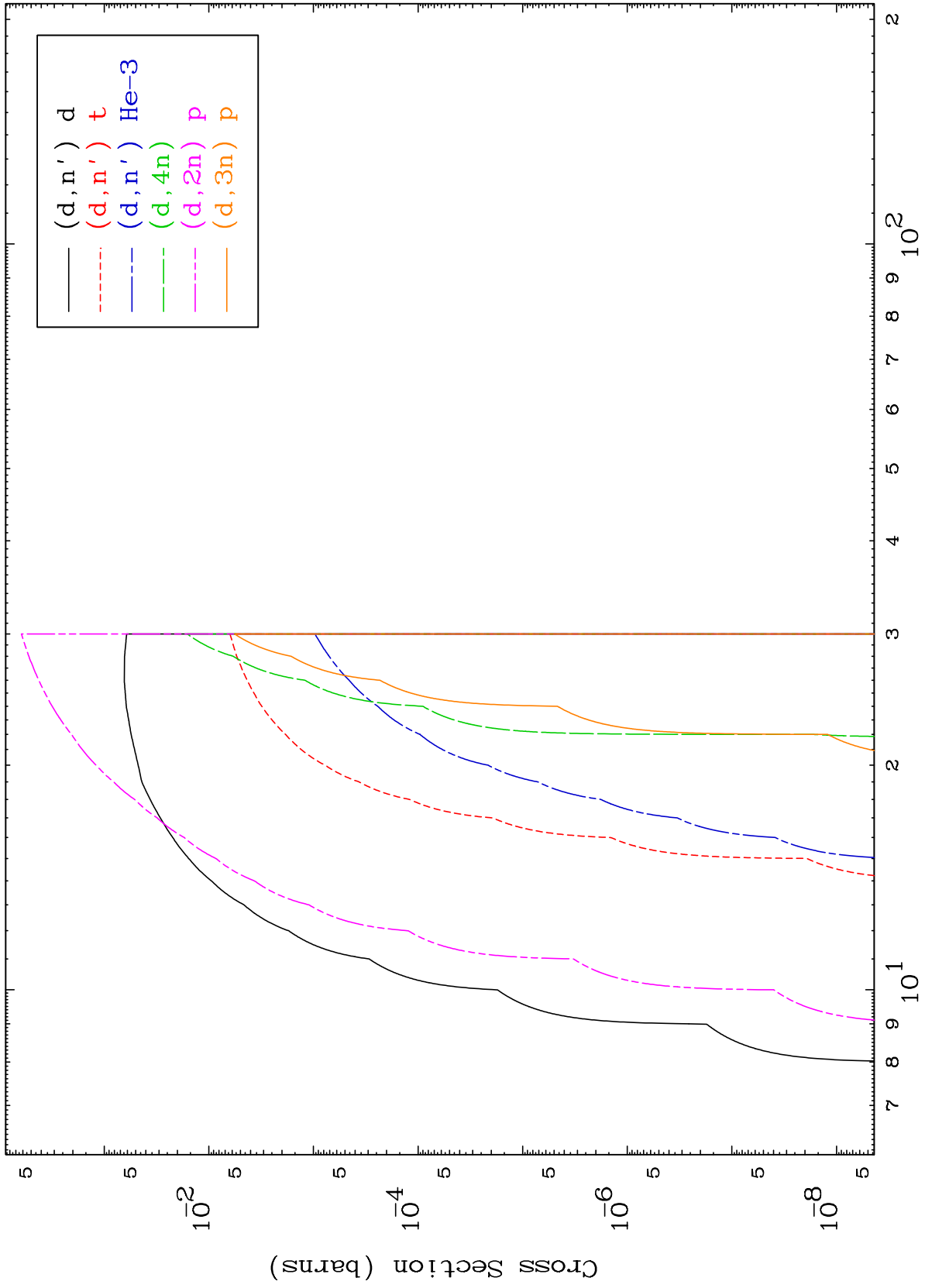
— Deuteron Inelastic
- - - (d, remainder)
- - - (d, γ)

MAT 3929

Deuteron Neutron Production
0 Kelvin Cross Sections

39-Y -90

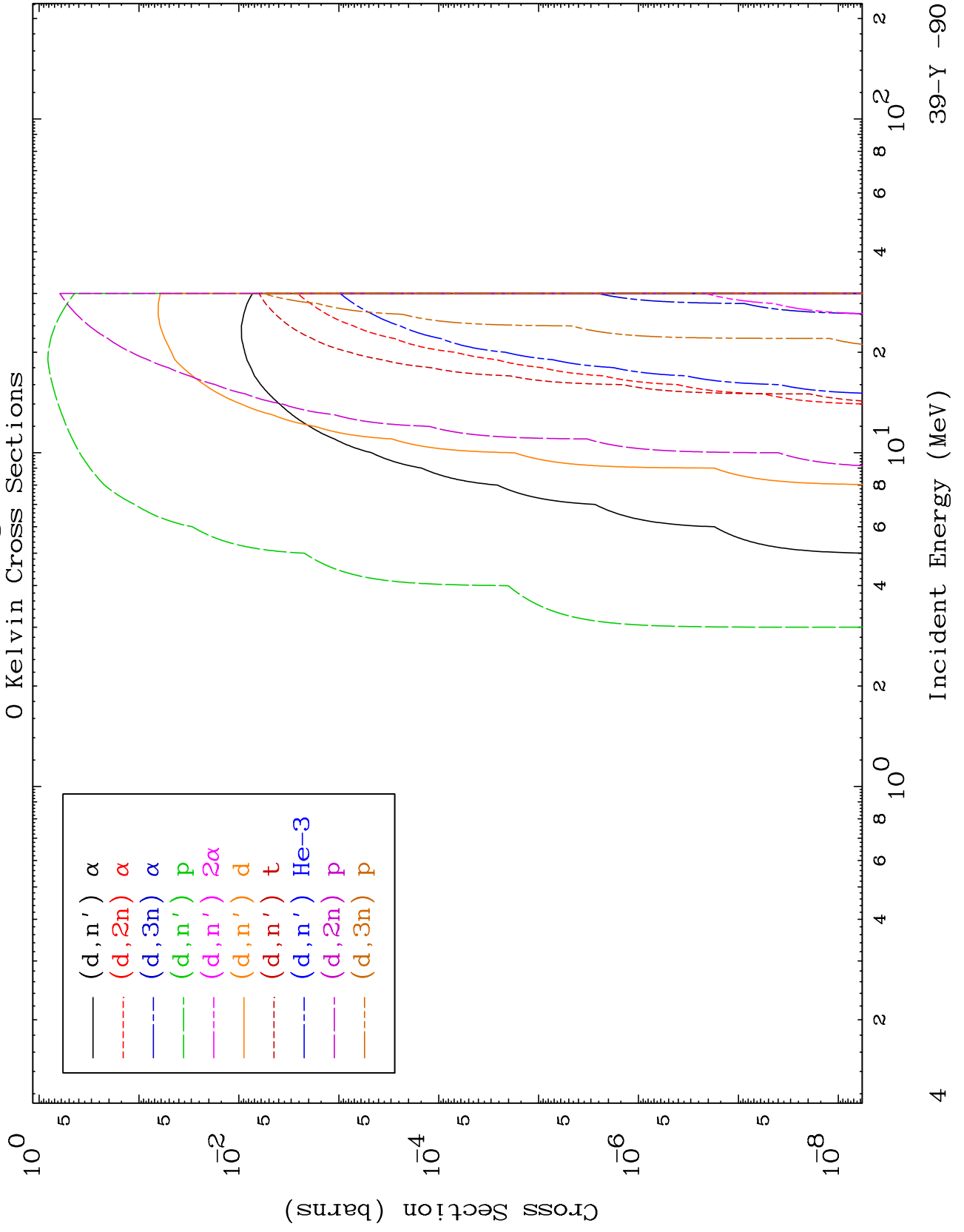


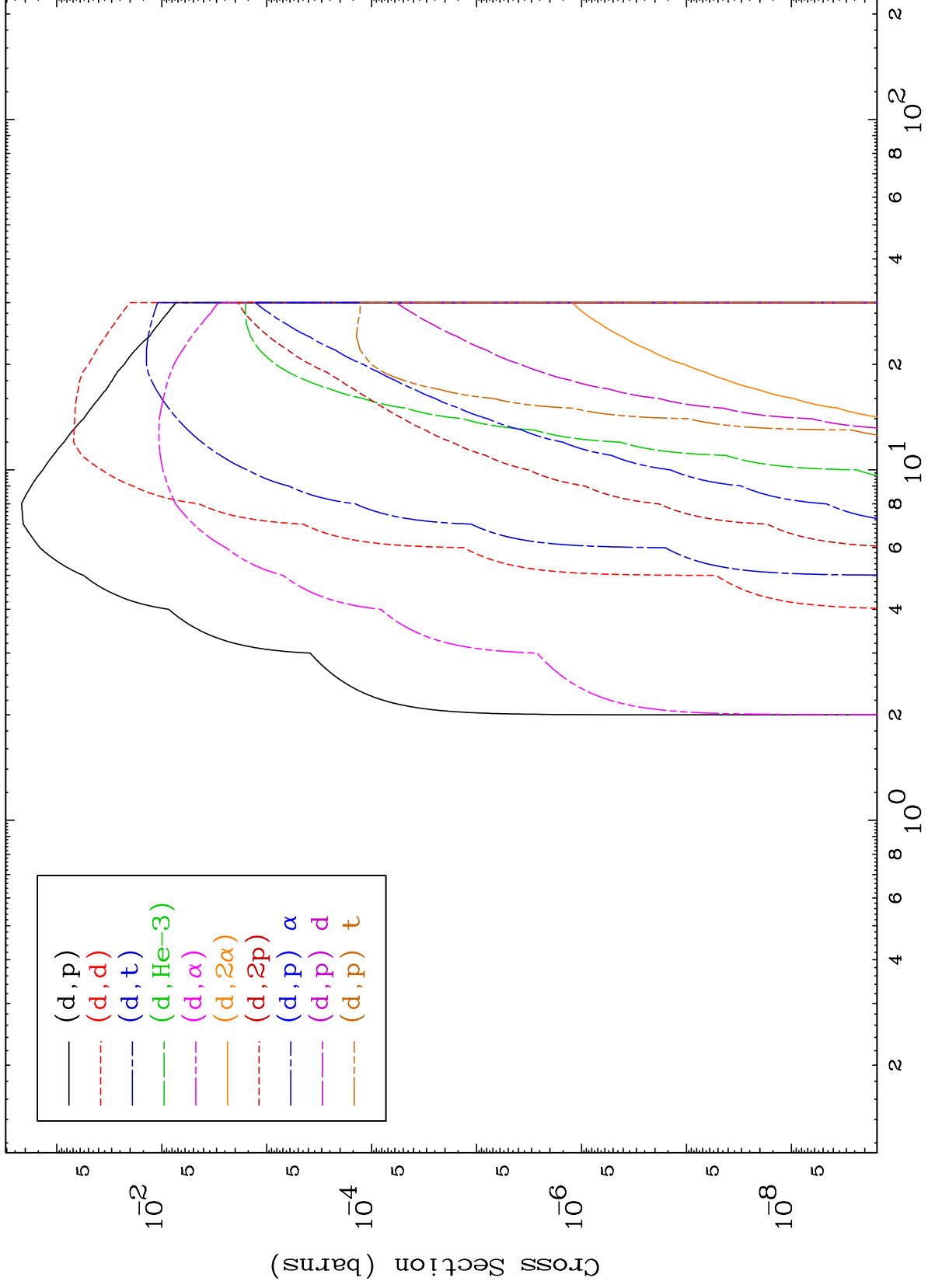


MAT 3929

Deuteron Charged Particle
0 Kelvin Cross Sections

39-Y -90



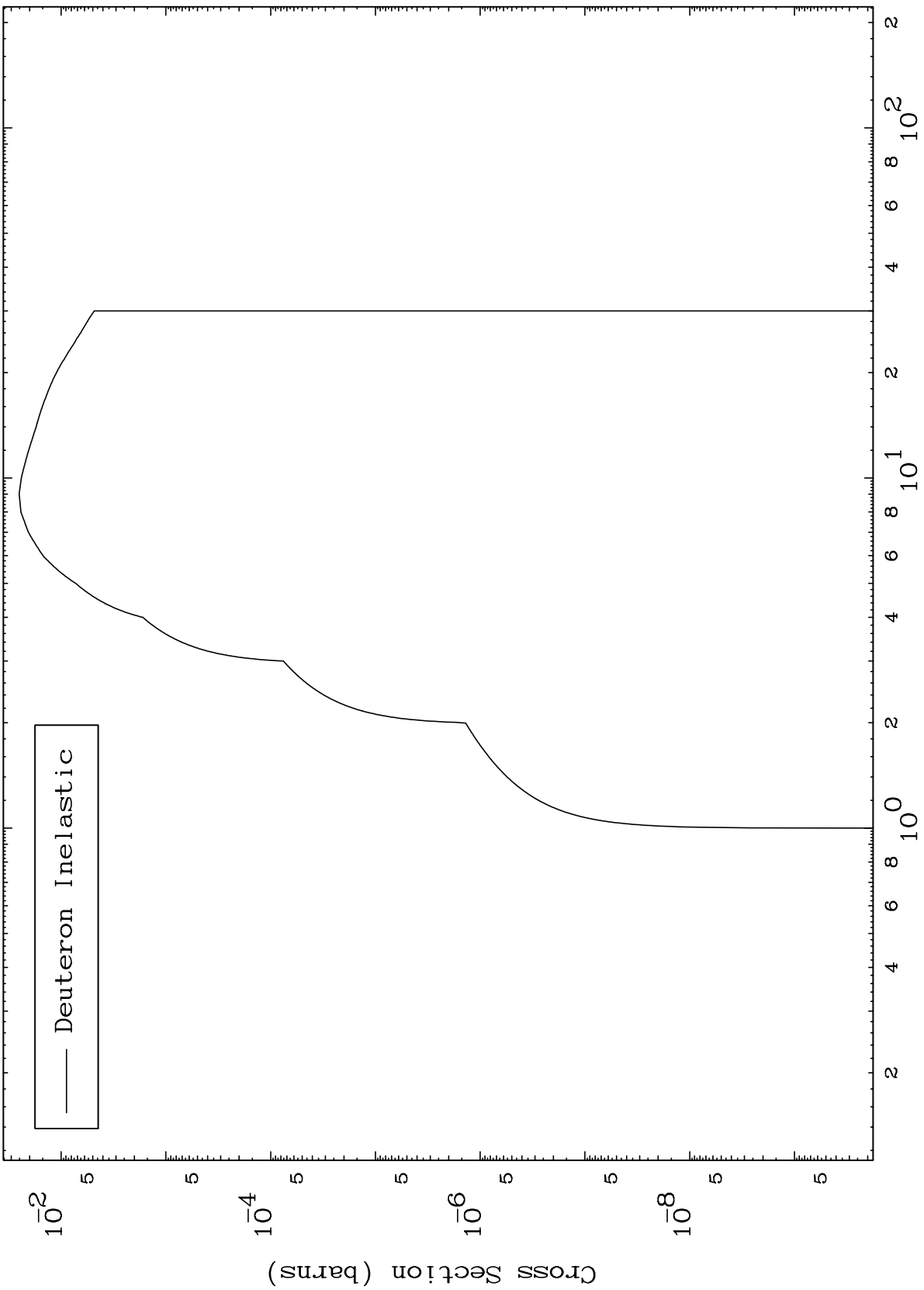


MAT 3929

(d,n') Level

39-Y -90

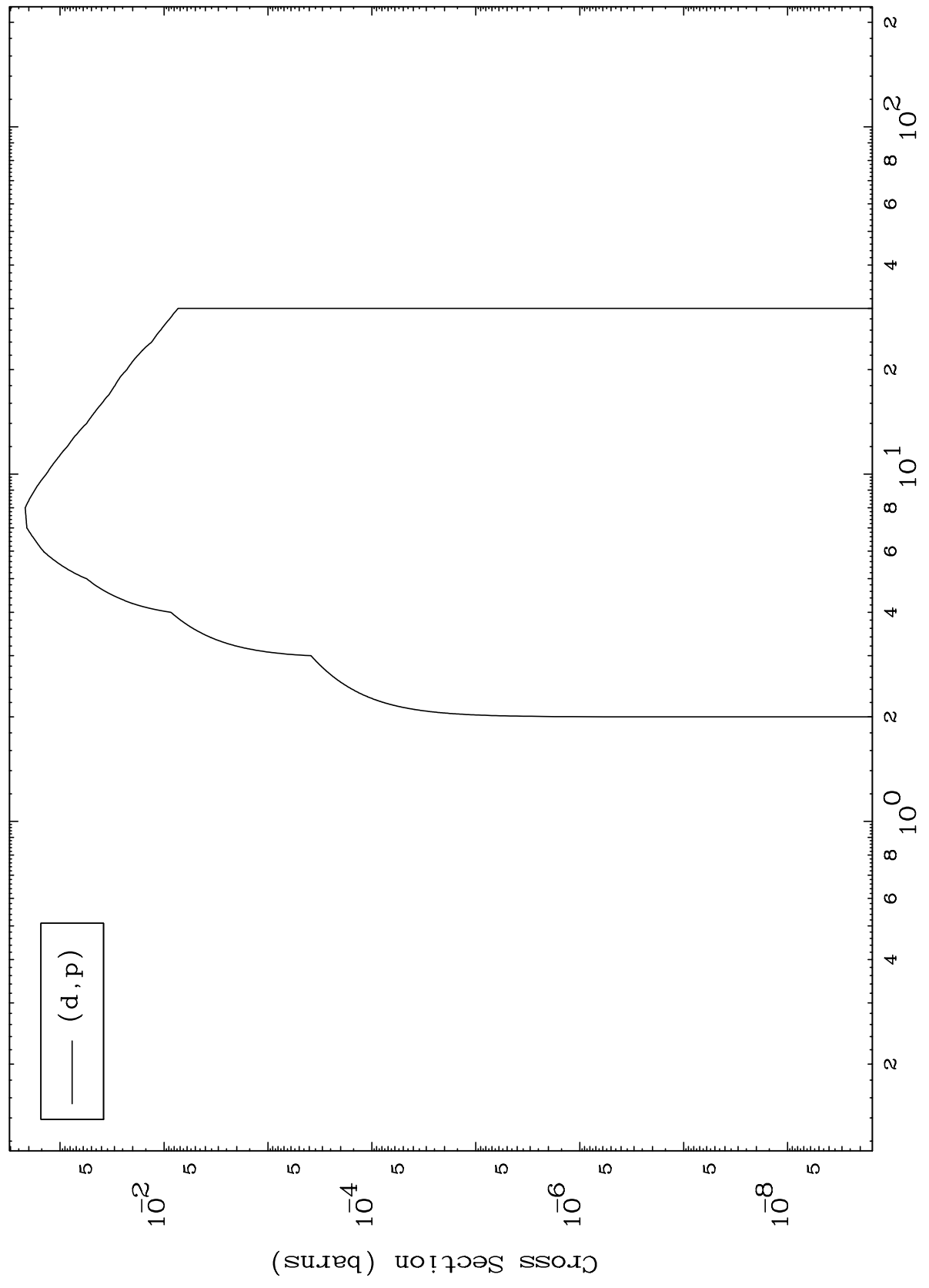
0 Kelvin Cross Sections



MAT 3929

39-Y -90

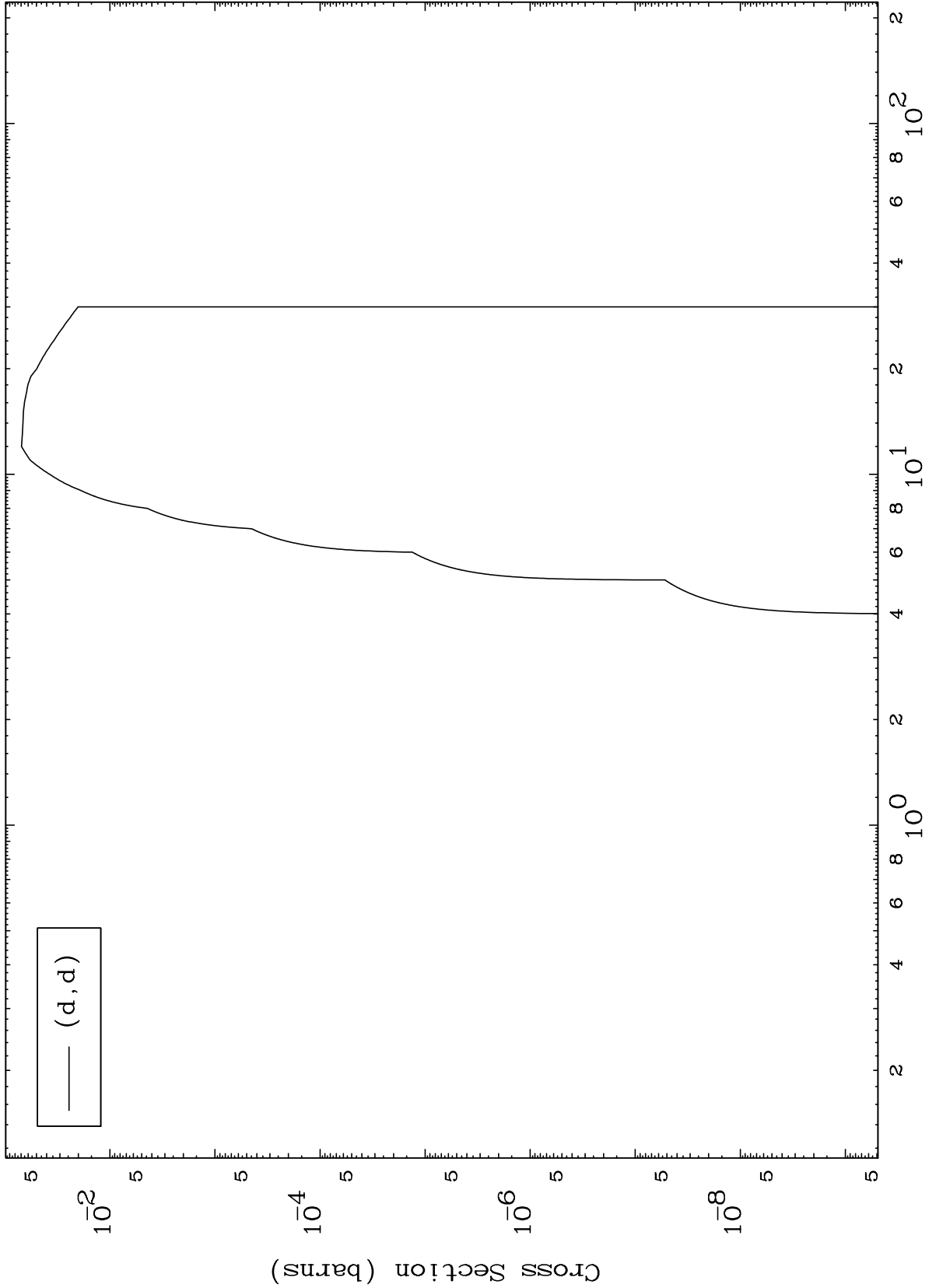
(d,p) Levels
0 Kelvin Cross Sections



39-Y -90

Incident Energy (MeV)

0 Kelvin Cross Sections

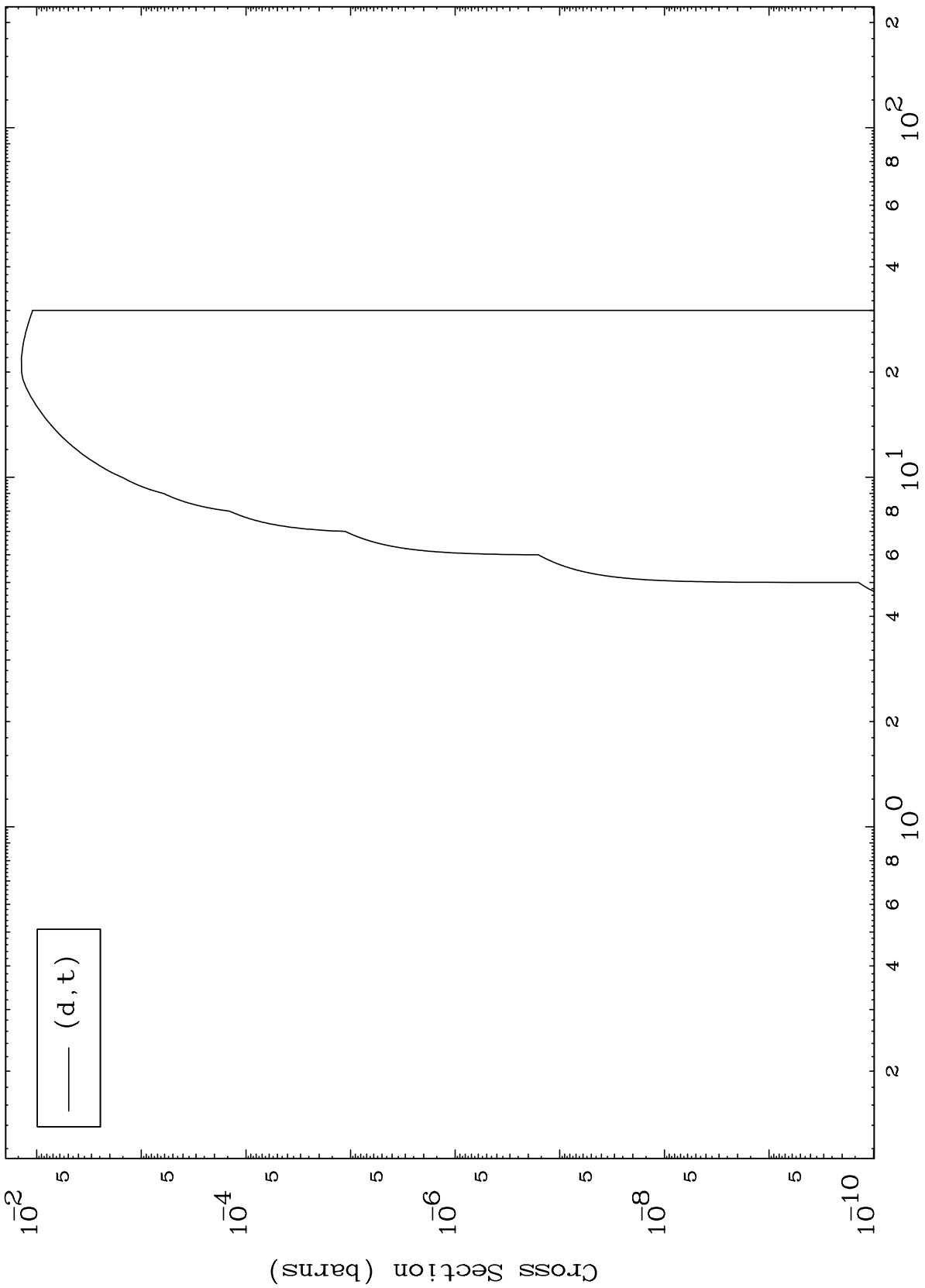


MAT 3929

(d,t) Levels

39-Y -90

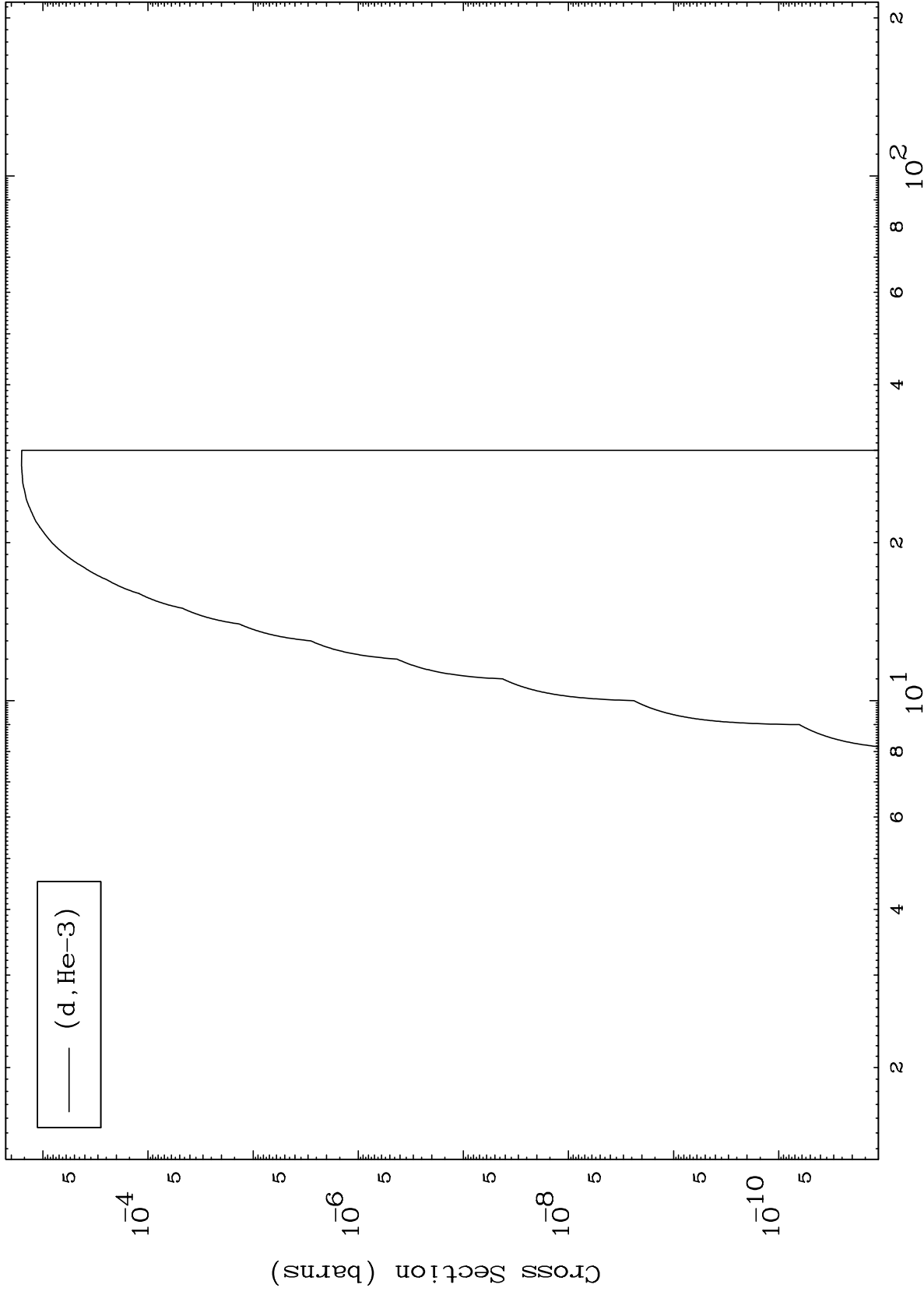
0 Kelvin Cross Sections



MAT 3929

(d,He3) Levels
0 Kelvin Cross Sections

39-Y -90



10

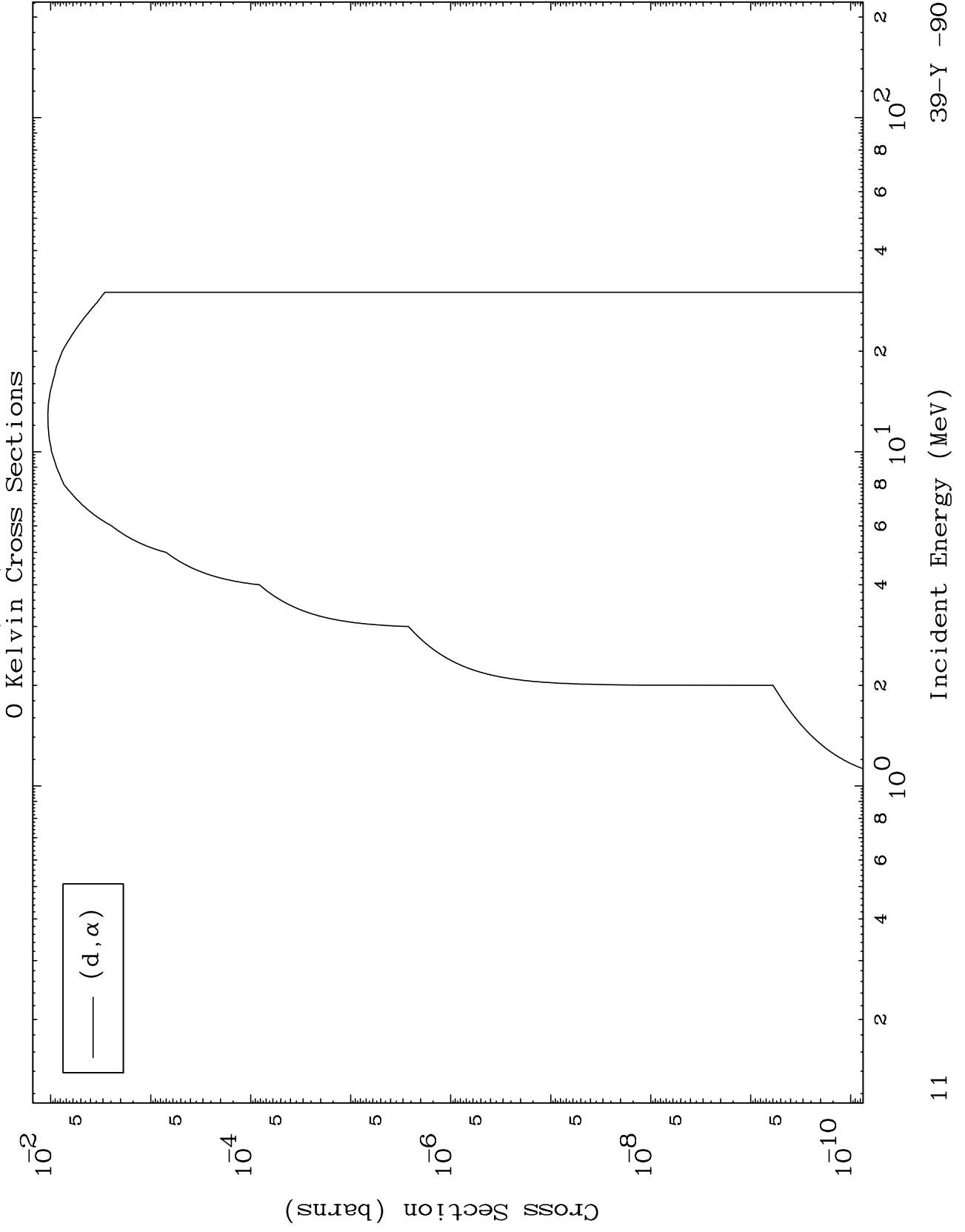
Incident Energy (MeV)

39-Y -90

MAT 3929

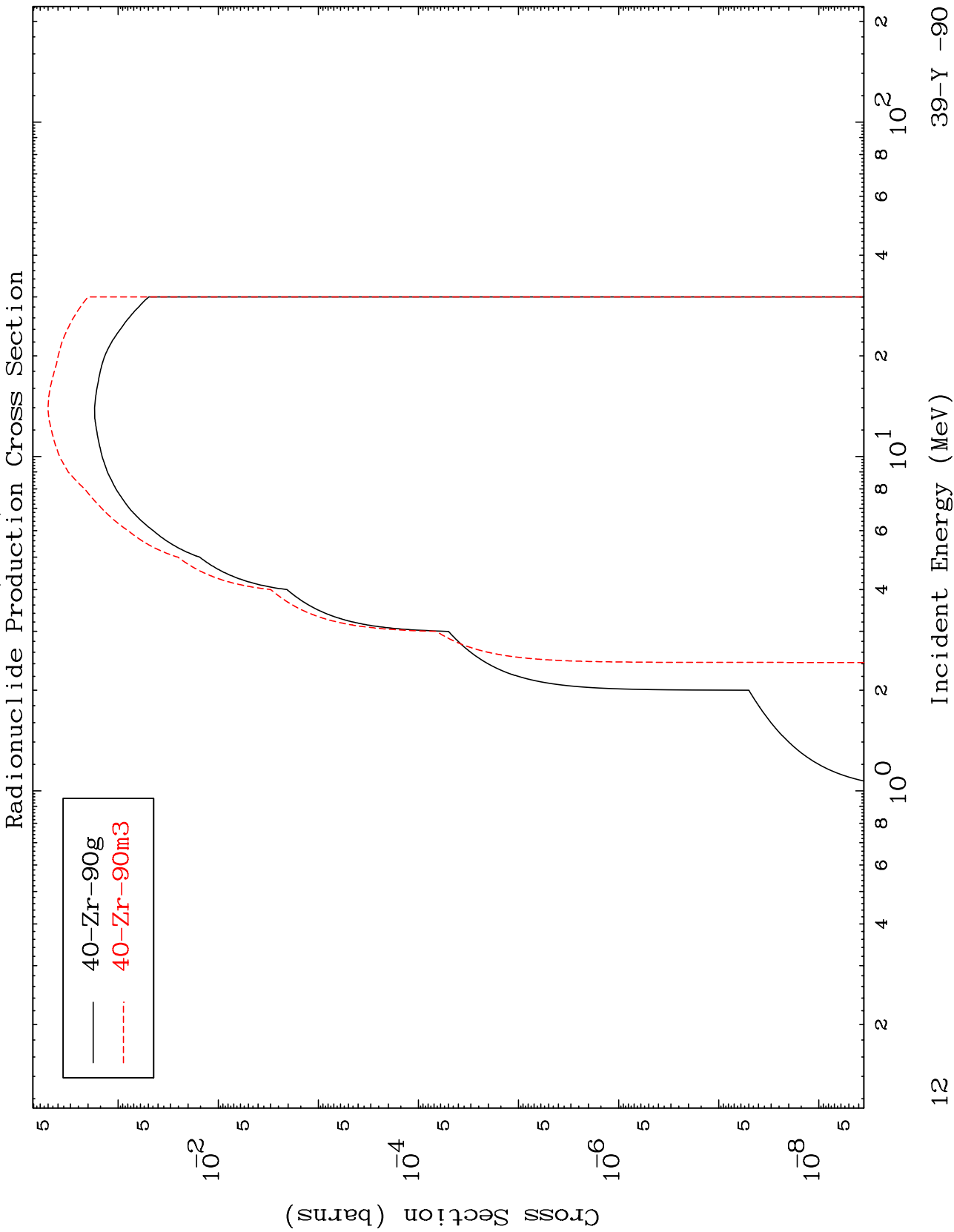
(d, α) Levels

39-Y -90



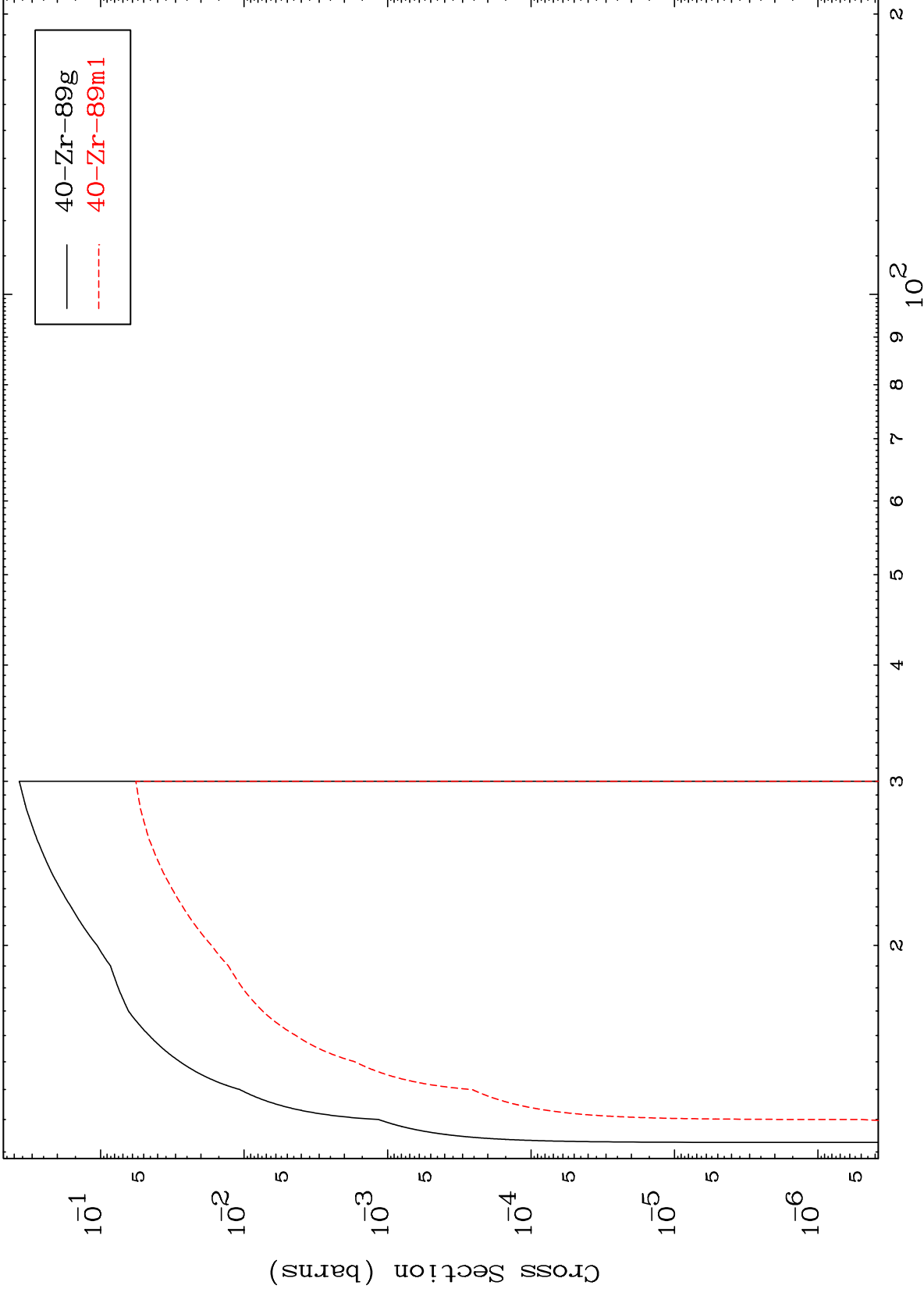
MAT 3929

39-Y -90

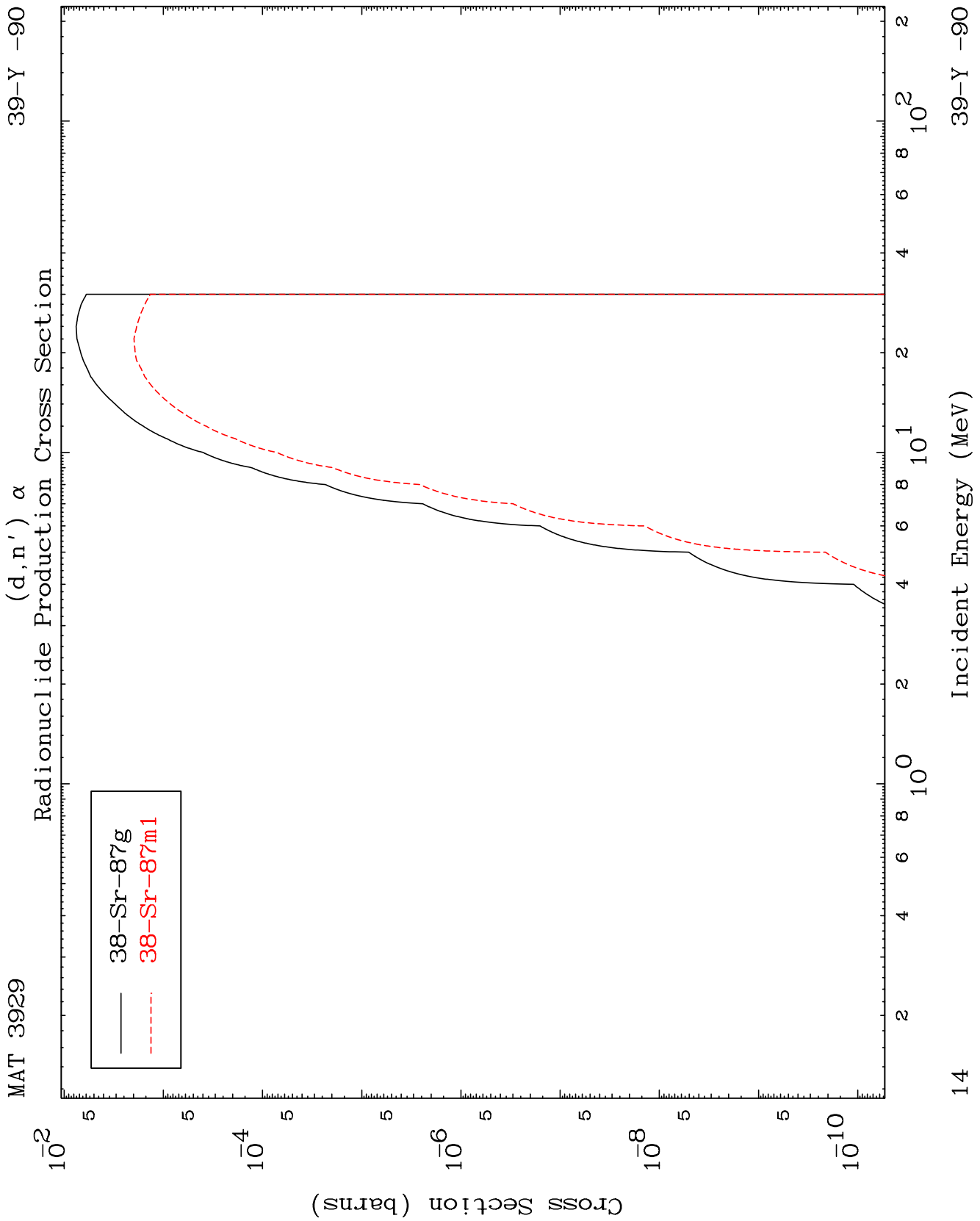


— 40-Zr-90g
- - - 40-Zr-90m3

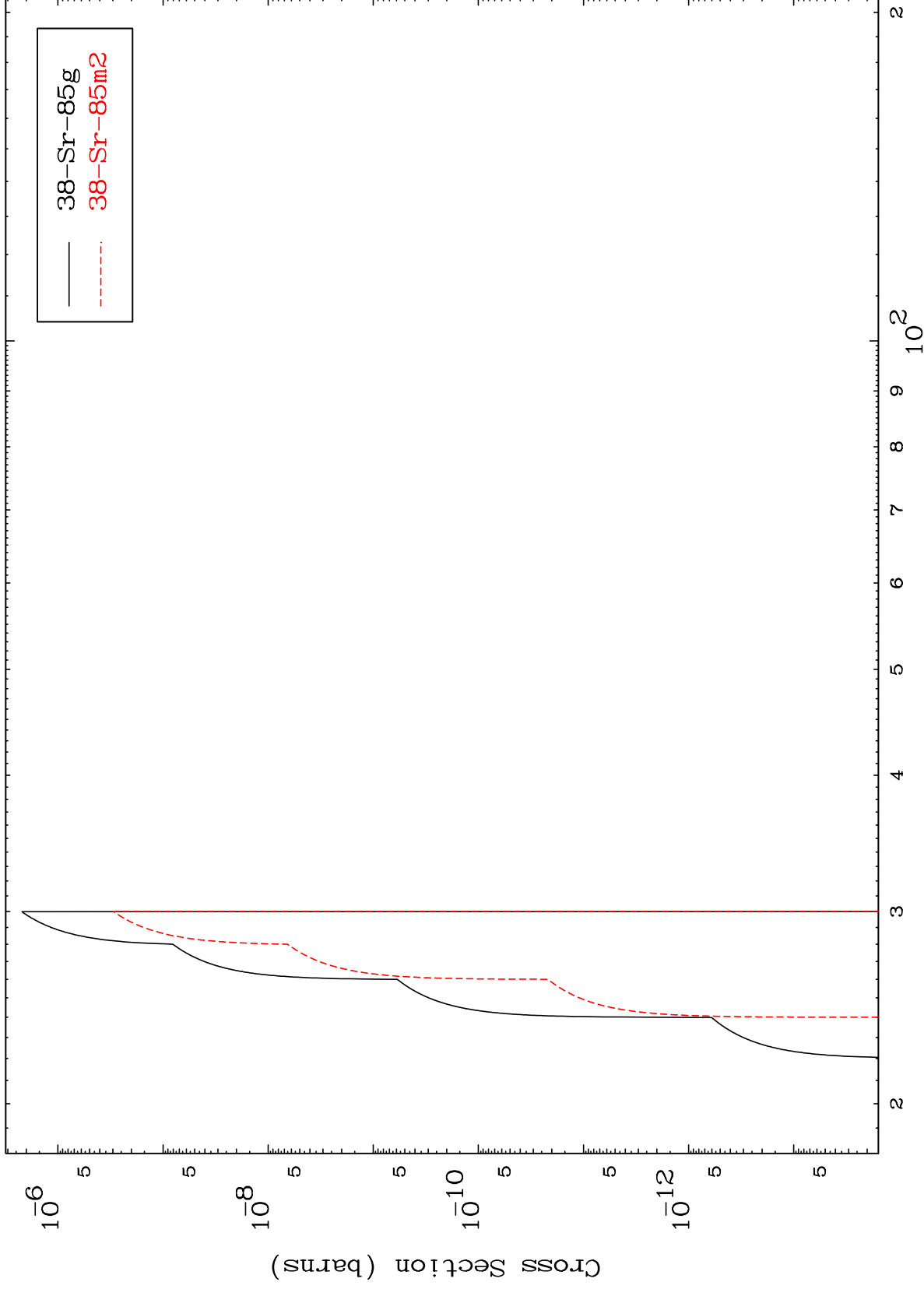
Radionuclide Production Cross Section



— 40-Zr-89g
- - - 40-Zr-89m1



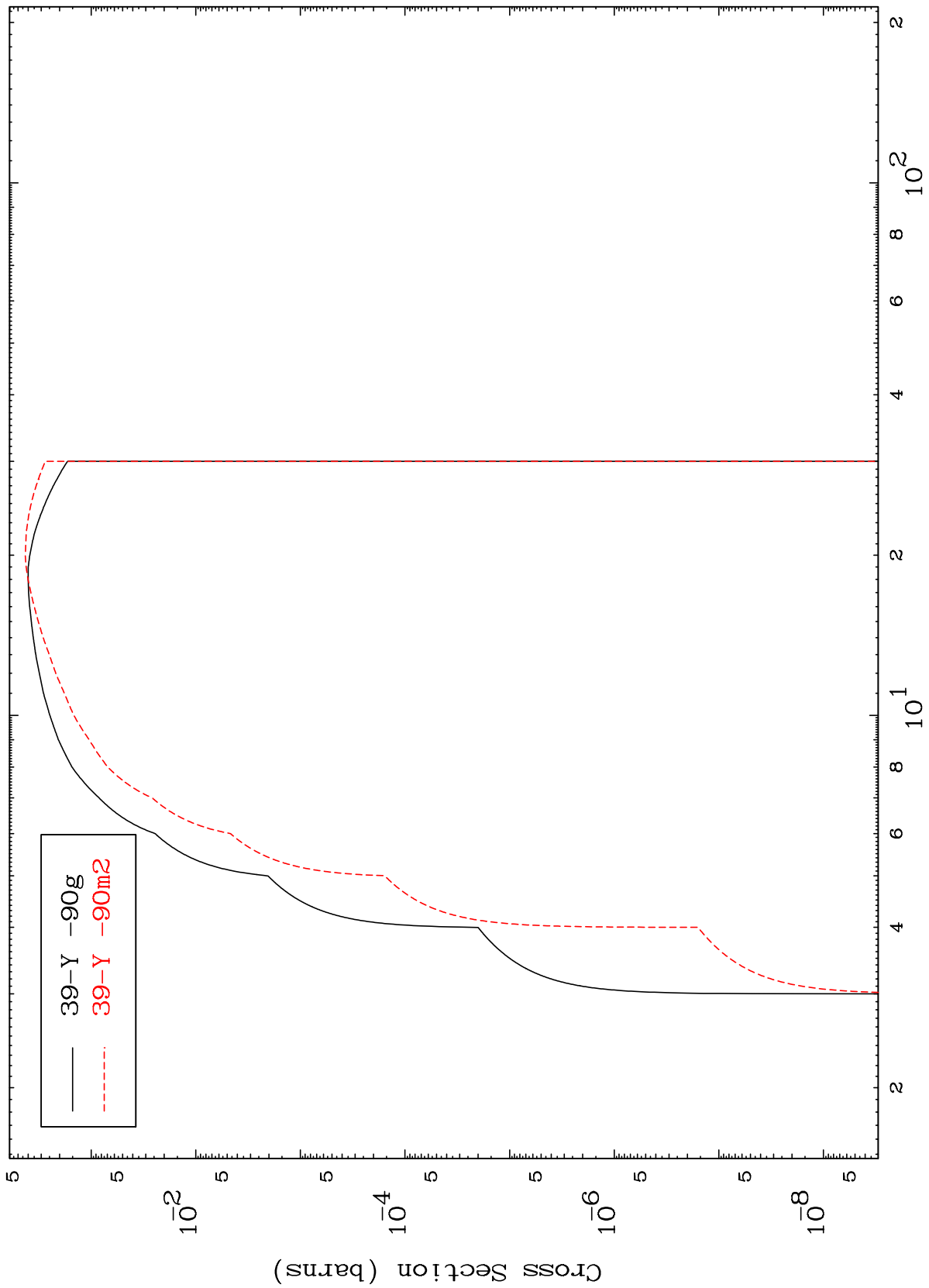
Radionuclide Production Cross Section



MAT 3929

39-Y -90

(d,n') p
Radionuclide Production Cross Section



16

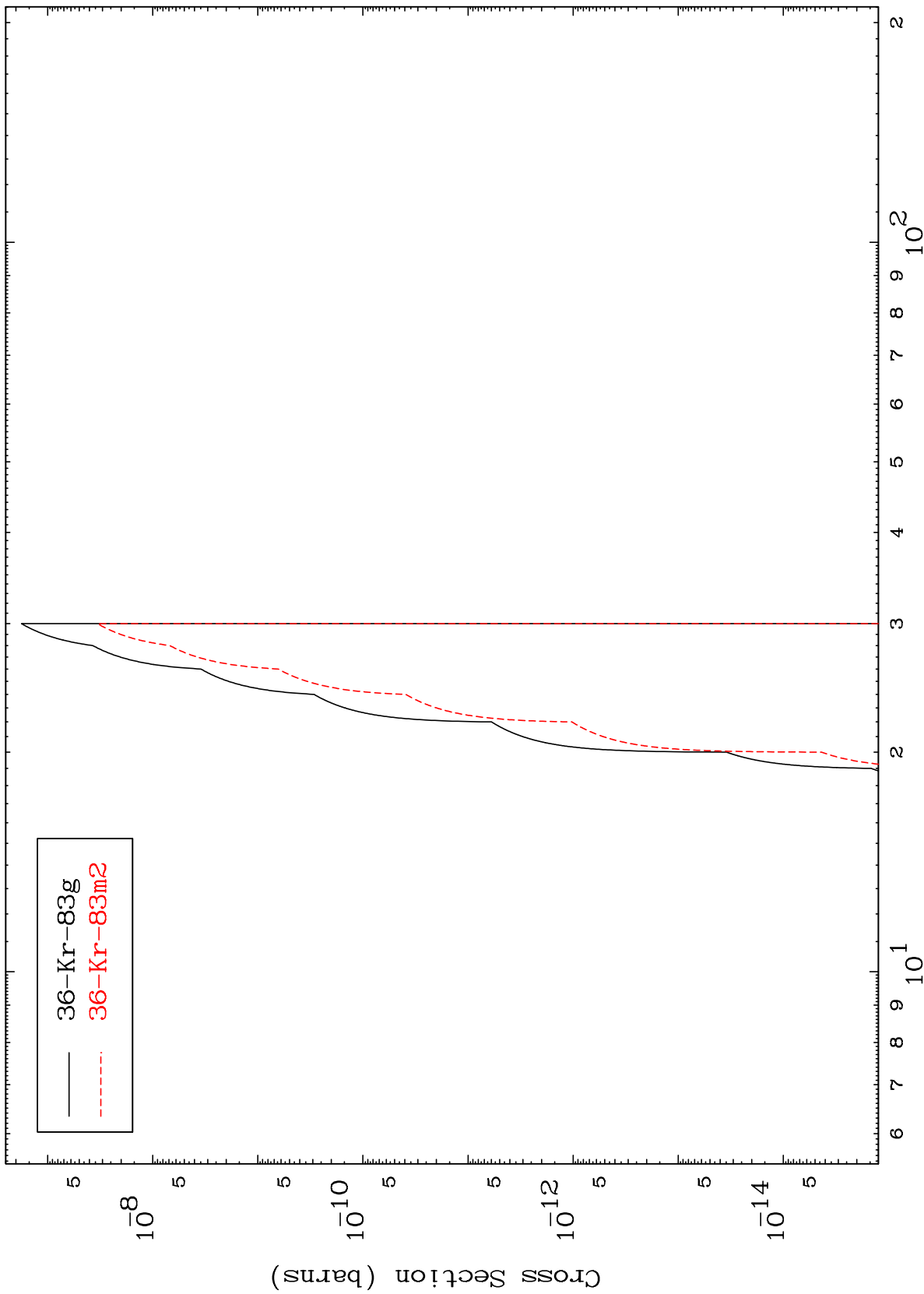
39-Y -90

Incident Energy (MeV)

MAT 3929

39-Y -90

(d,n') 2α
Radionuclide Production Cross Section



17

Incident Energy (MeV)

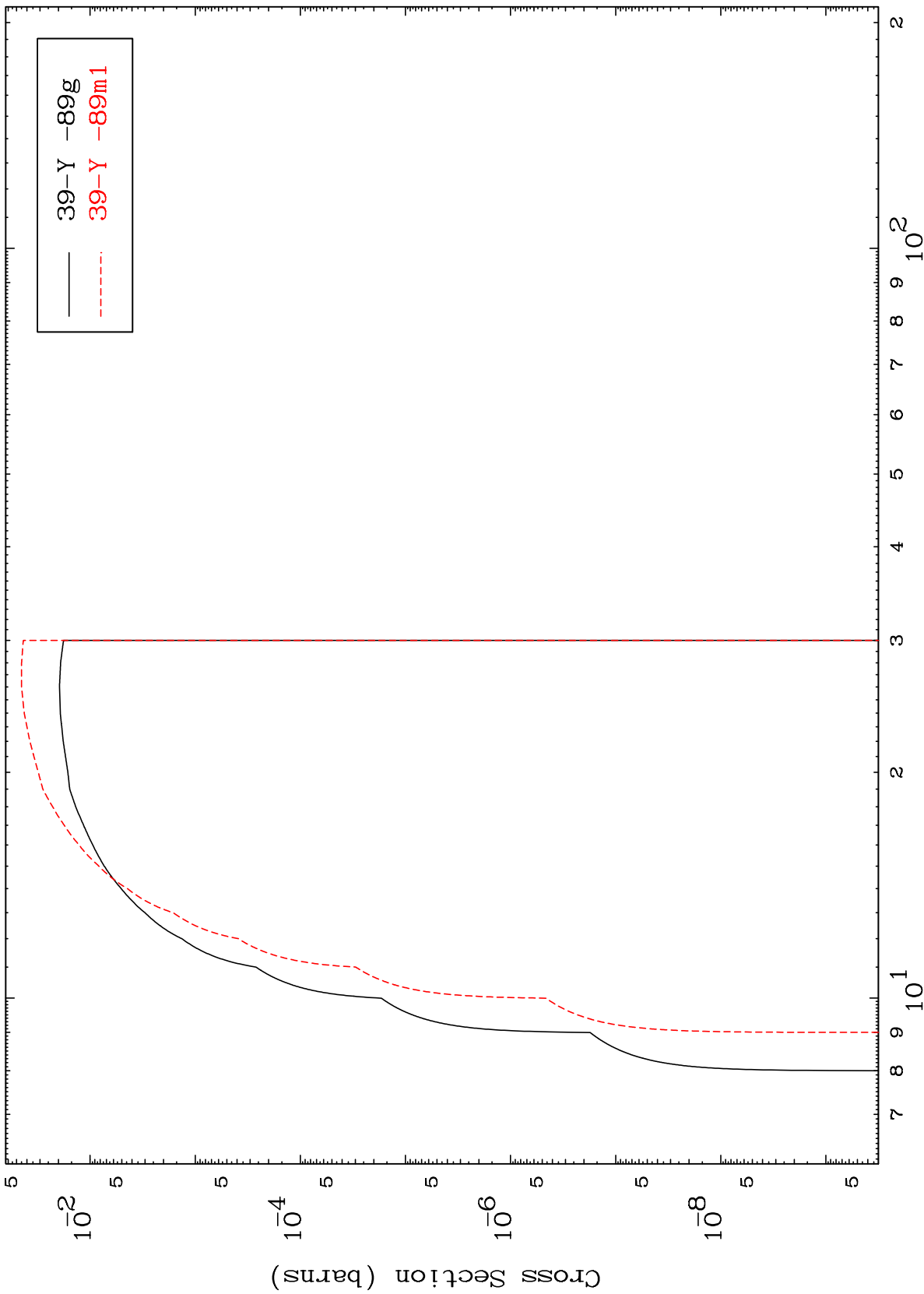
39-Y -90

MAT 3929

(d,n') d

39-Y -90

Radionuclide Production Cross Section



18

Incident Energy (MeV)

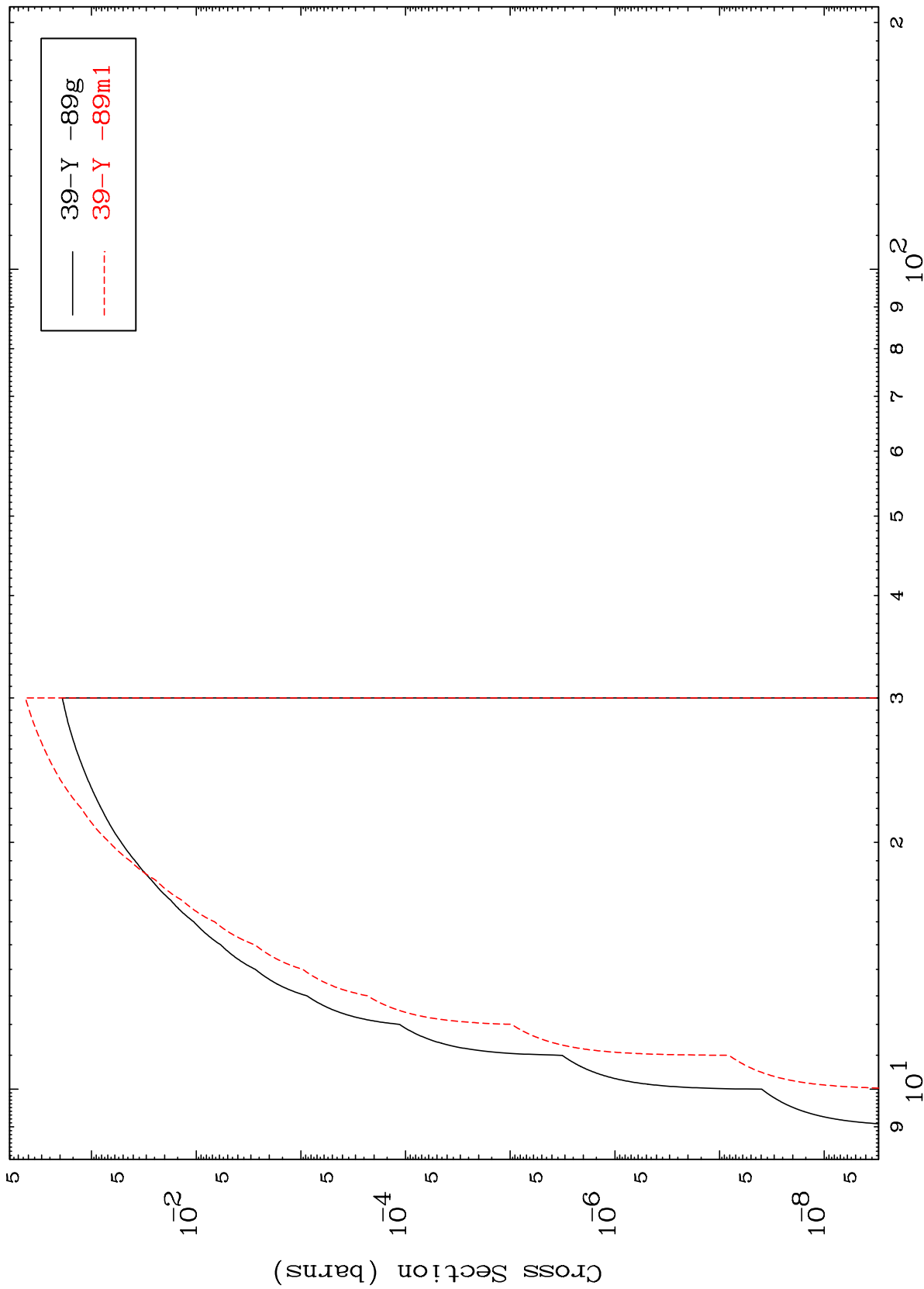
39-Y -90

MAT 3929

(d,2n) p

39-Y -90

Radionuclide Production Cross Section



19

Incident Energy (MeV)

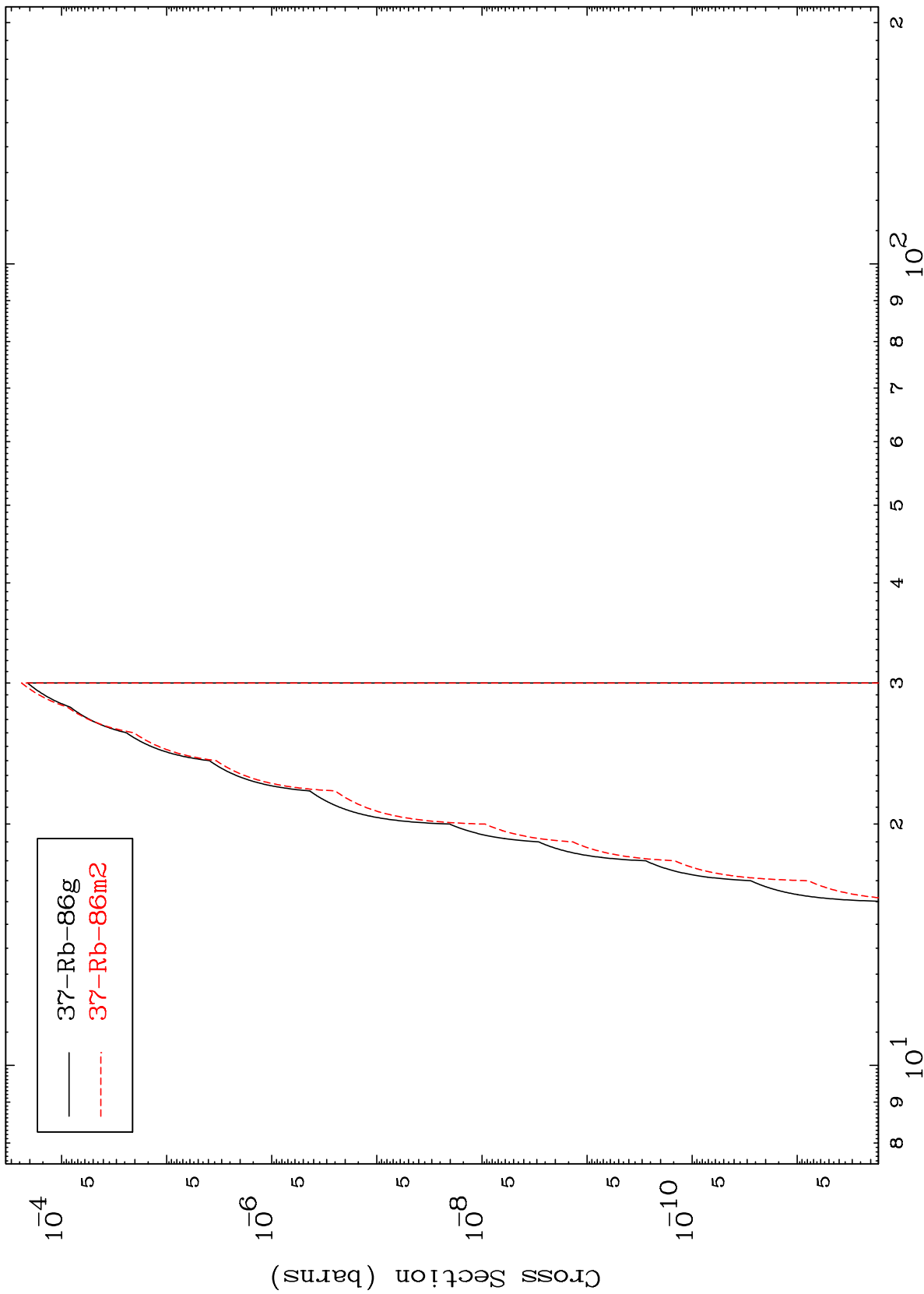
39-Y -90

MAT 3929

(d,n') p α

39-Y -90

Radionuclide Production Cross Section



Incident Energy (MeV)

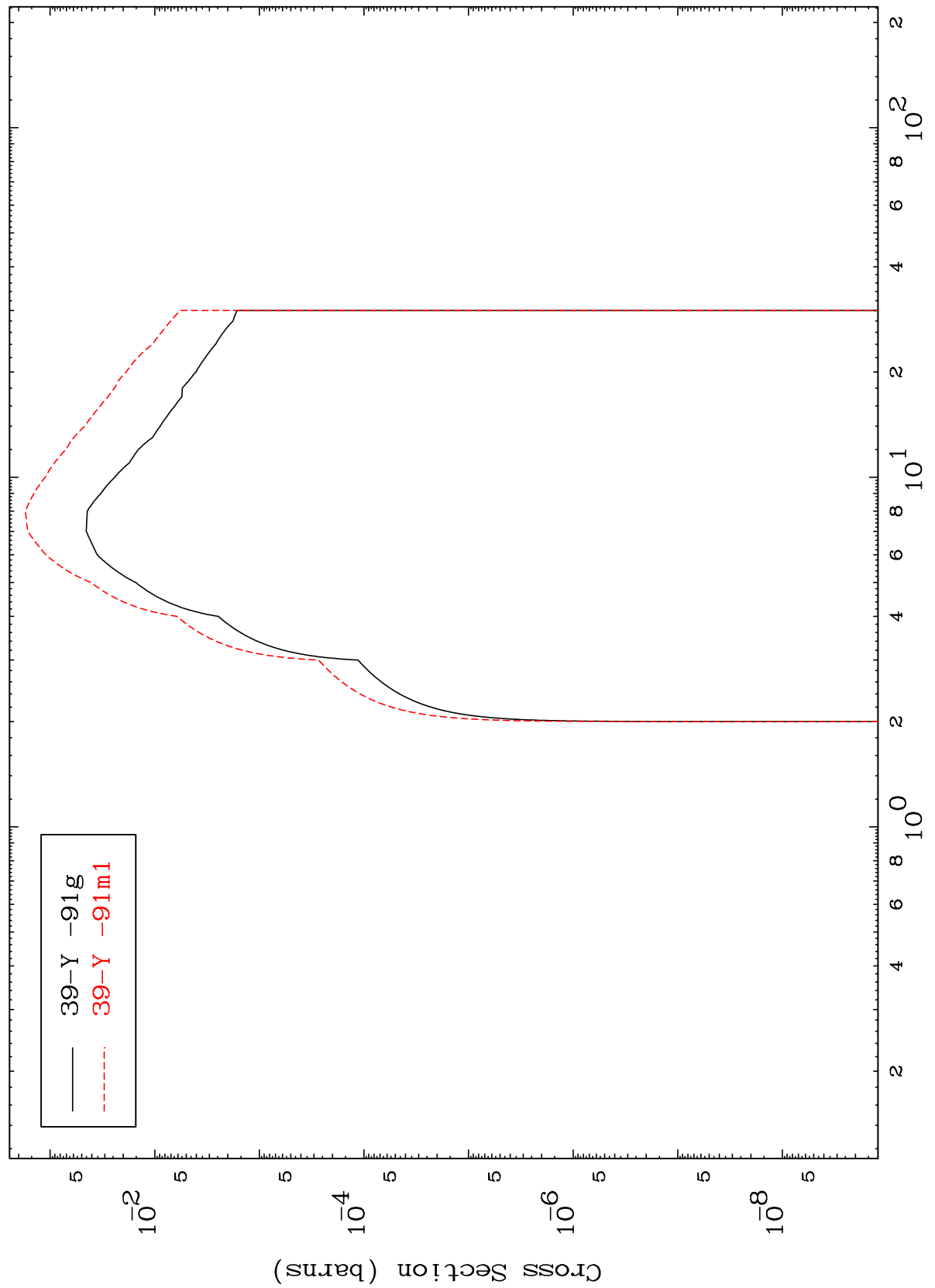
39-Y -90

20

MAT 3929

39-Y -90

(d,p)
Radionuclide Production Cross Section

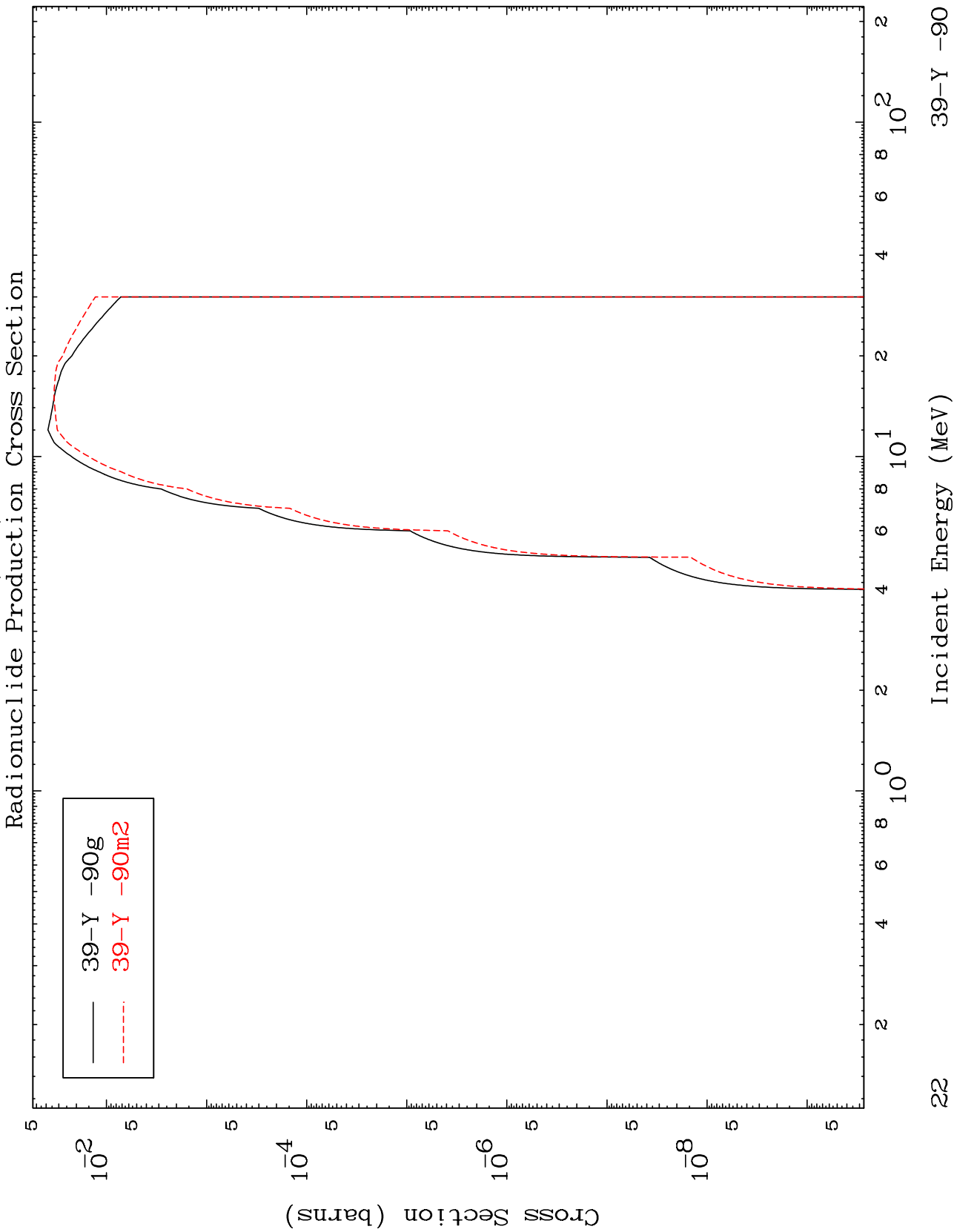


— 39-Y -91g
- - - 39-Y -91m1

MAT 3929

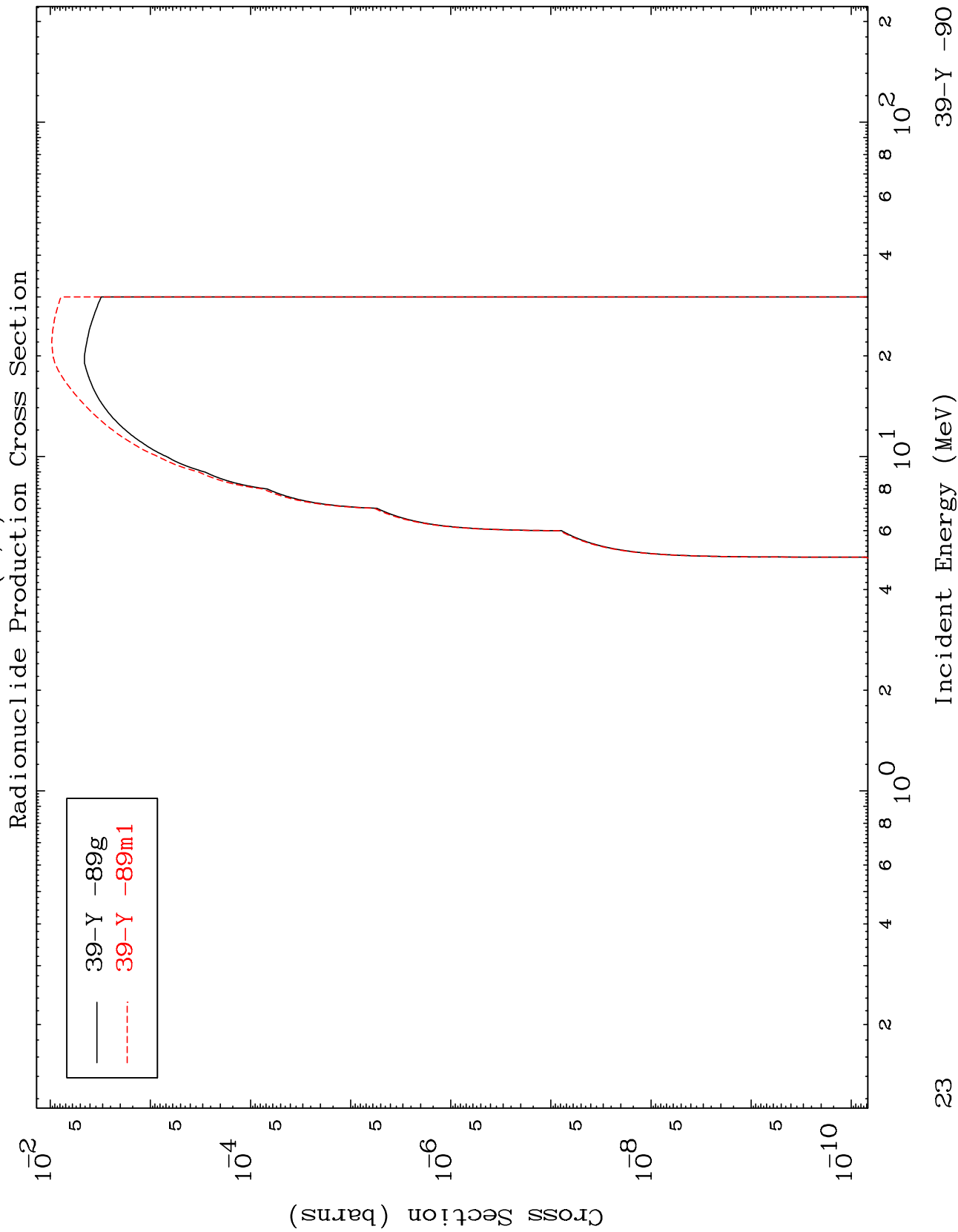
(d,d)

39-Y -90



MAT 3929

39-Y -90



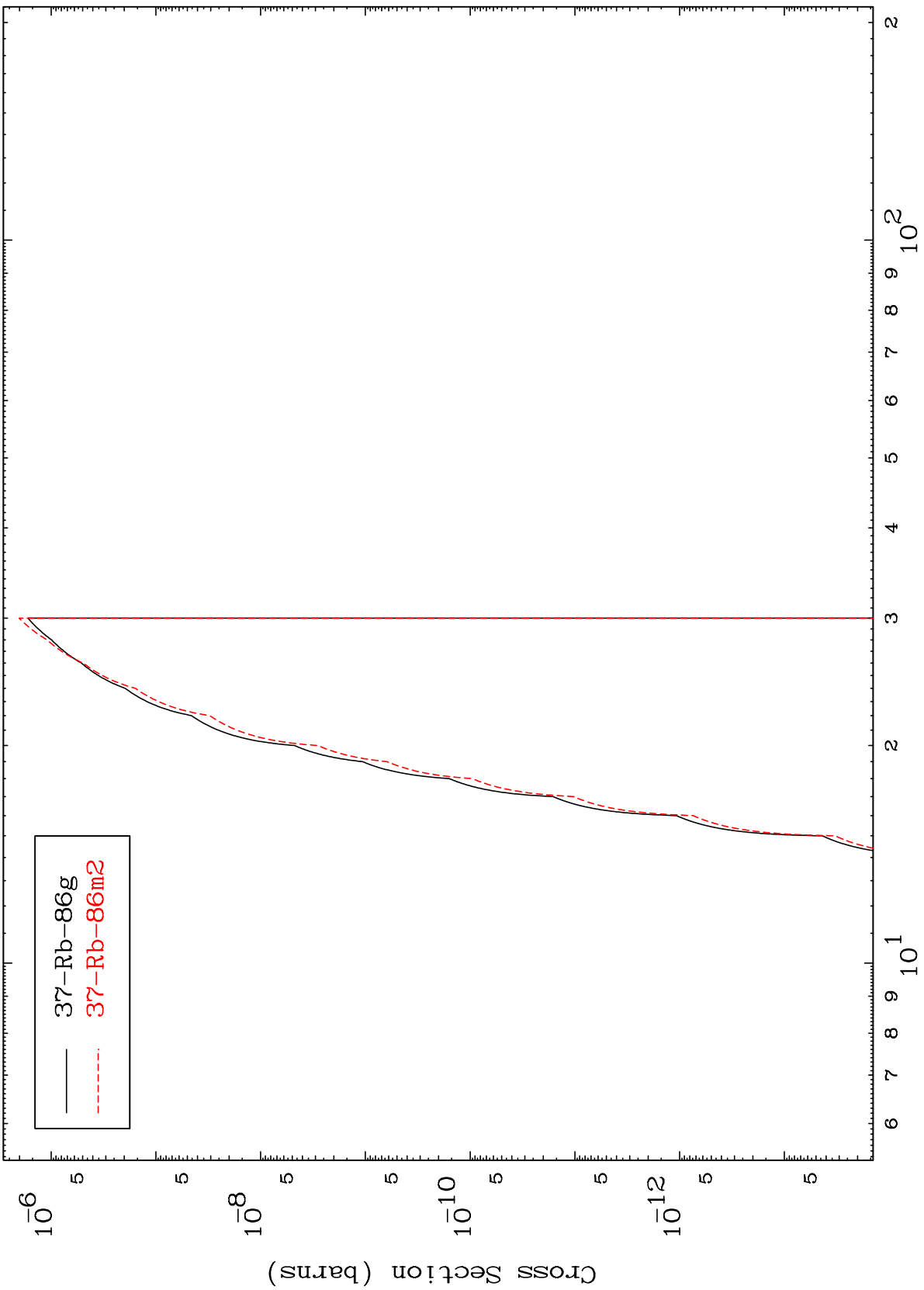
— 39-Y -89g
- - - 39-Y -89m1

MAT 3929

(d,d) α

39-Y -90

Radionuclide Production Cross Section



— $^{86g}\text{Rb-37}$
- - - $^{86m2}\text{Rb-37}$

24

Incident Energy (MeV)

39-Y -90