

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

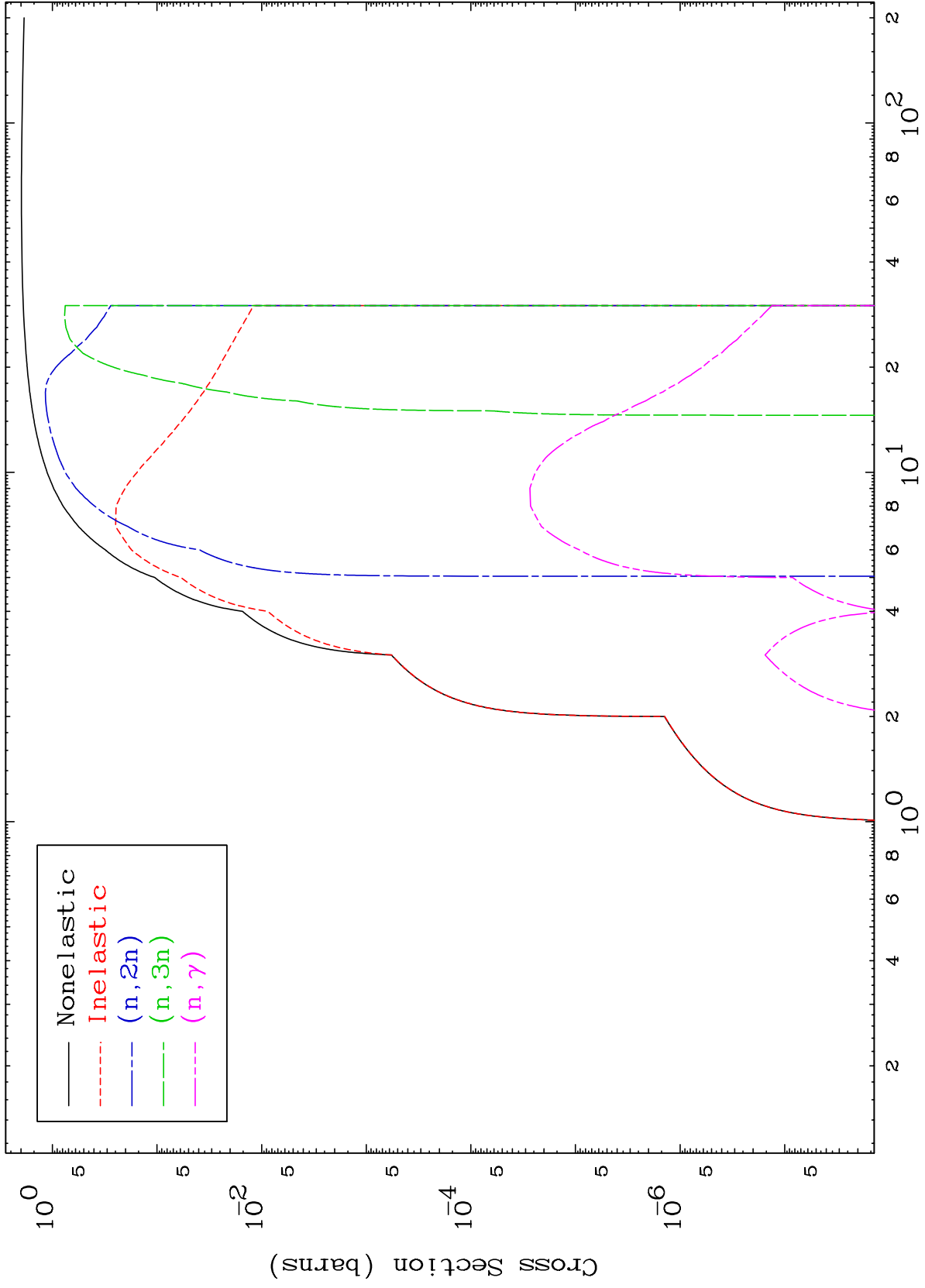
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

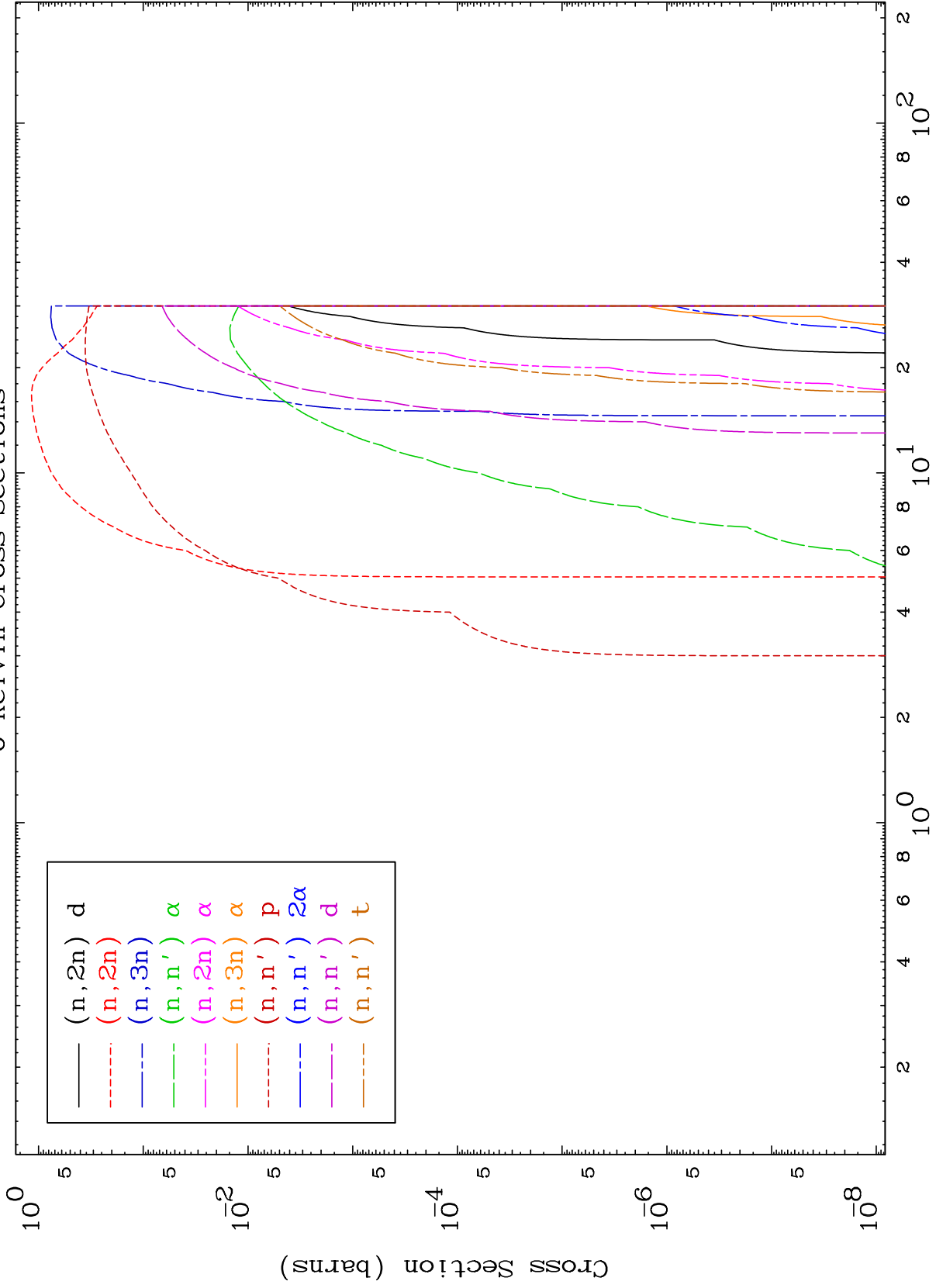
Tele: 925-443-1911

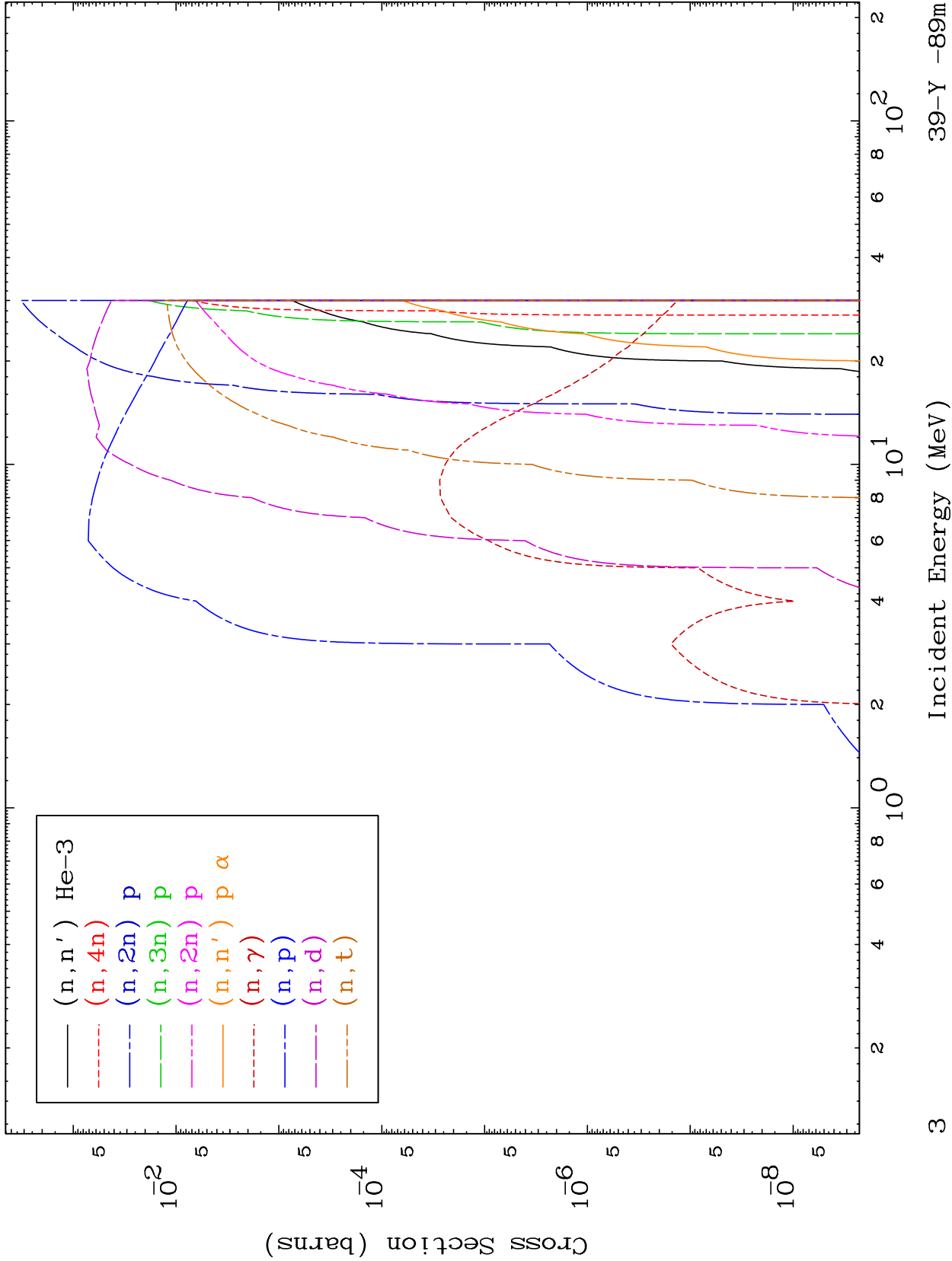
E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start



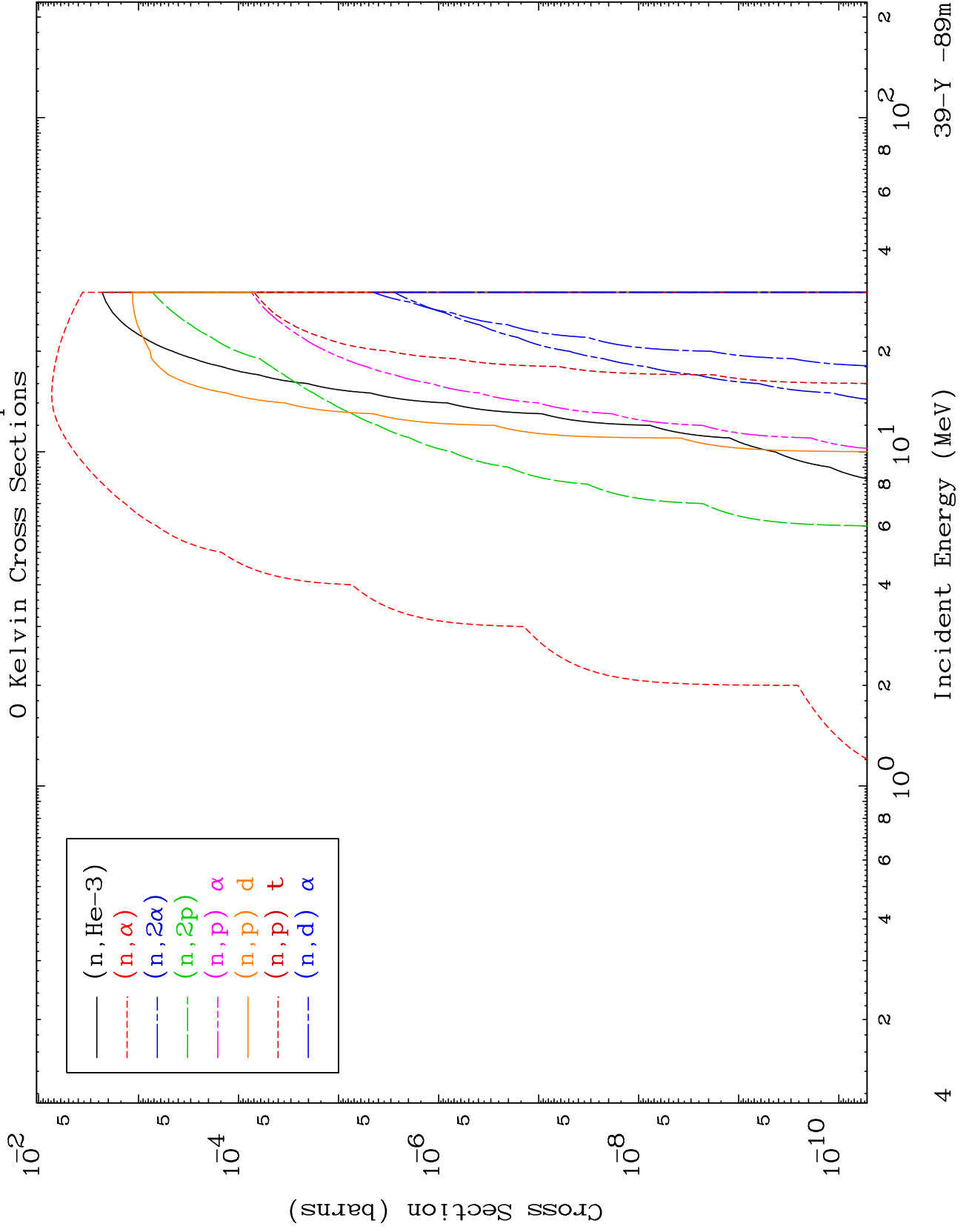


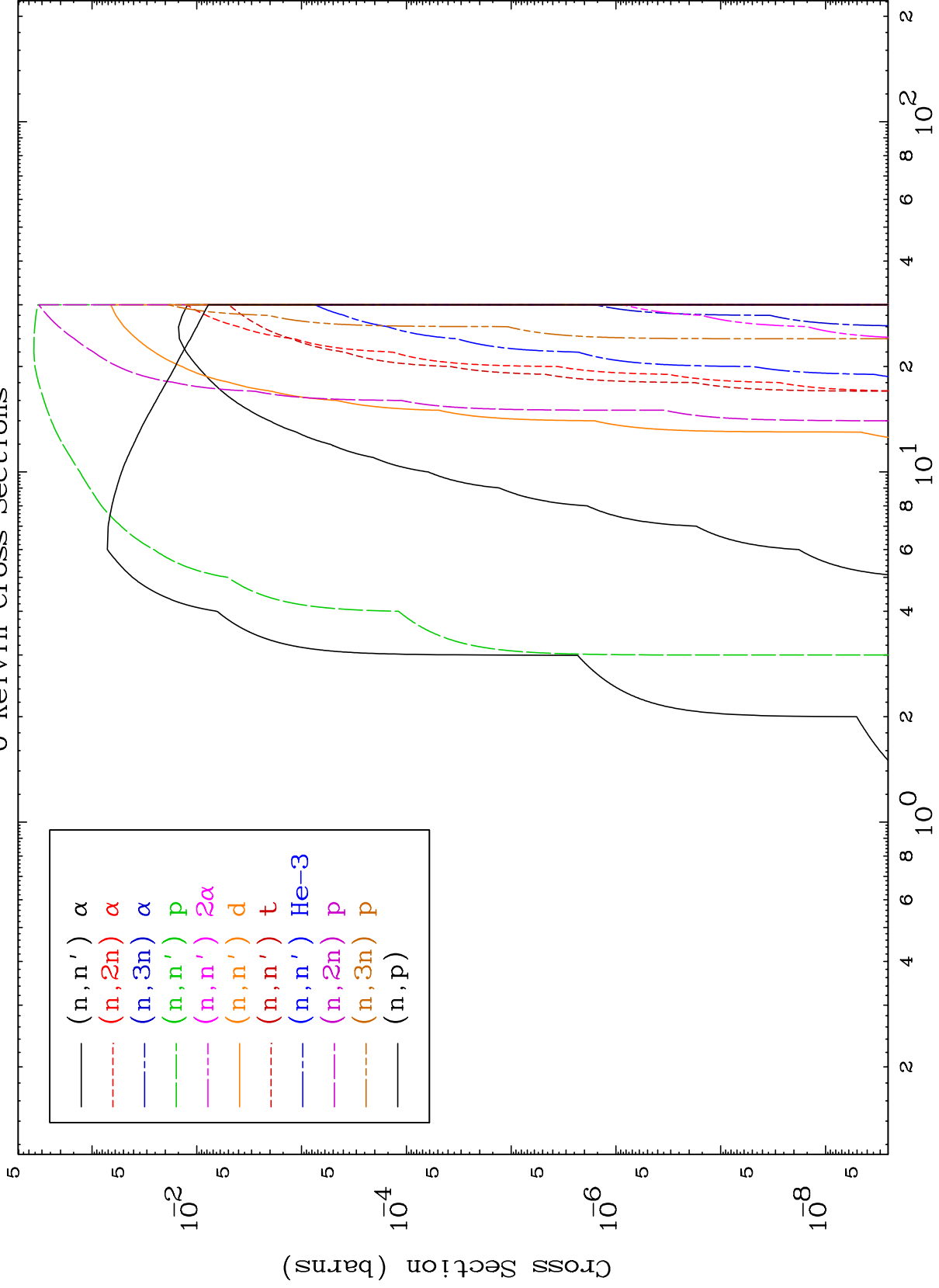


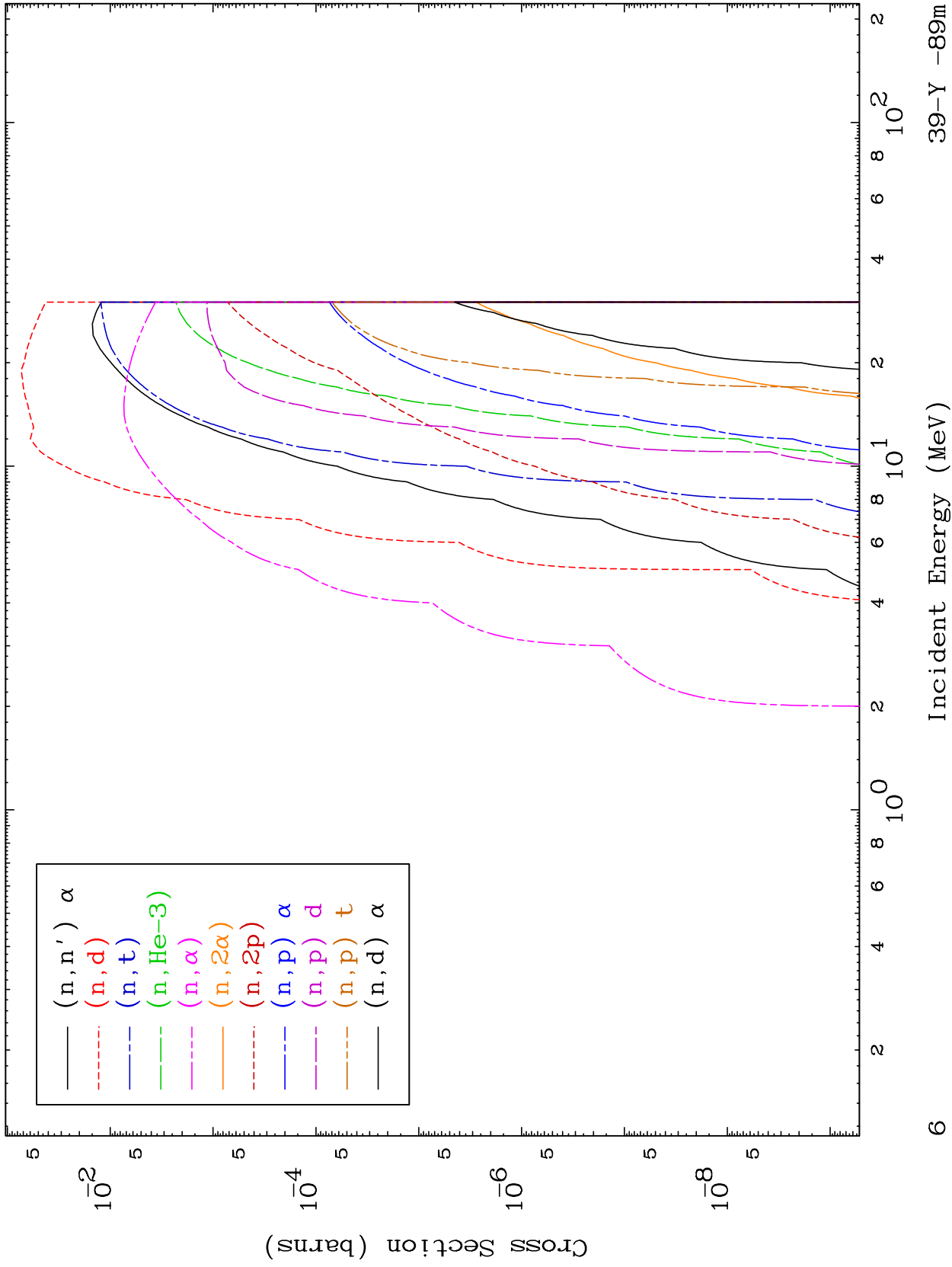
MAT 3926

Deuteron Neutron Absorption
0 Kelvin Cross Sections

39-Y -89m



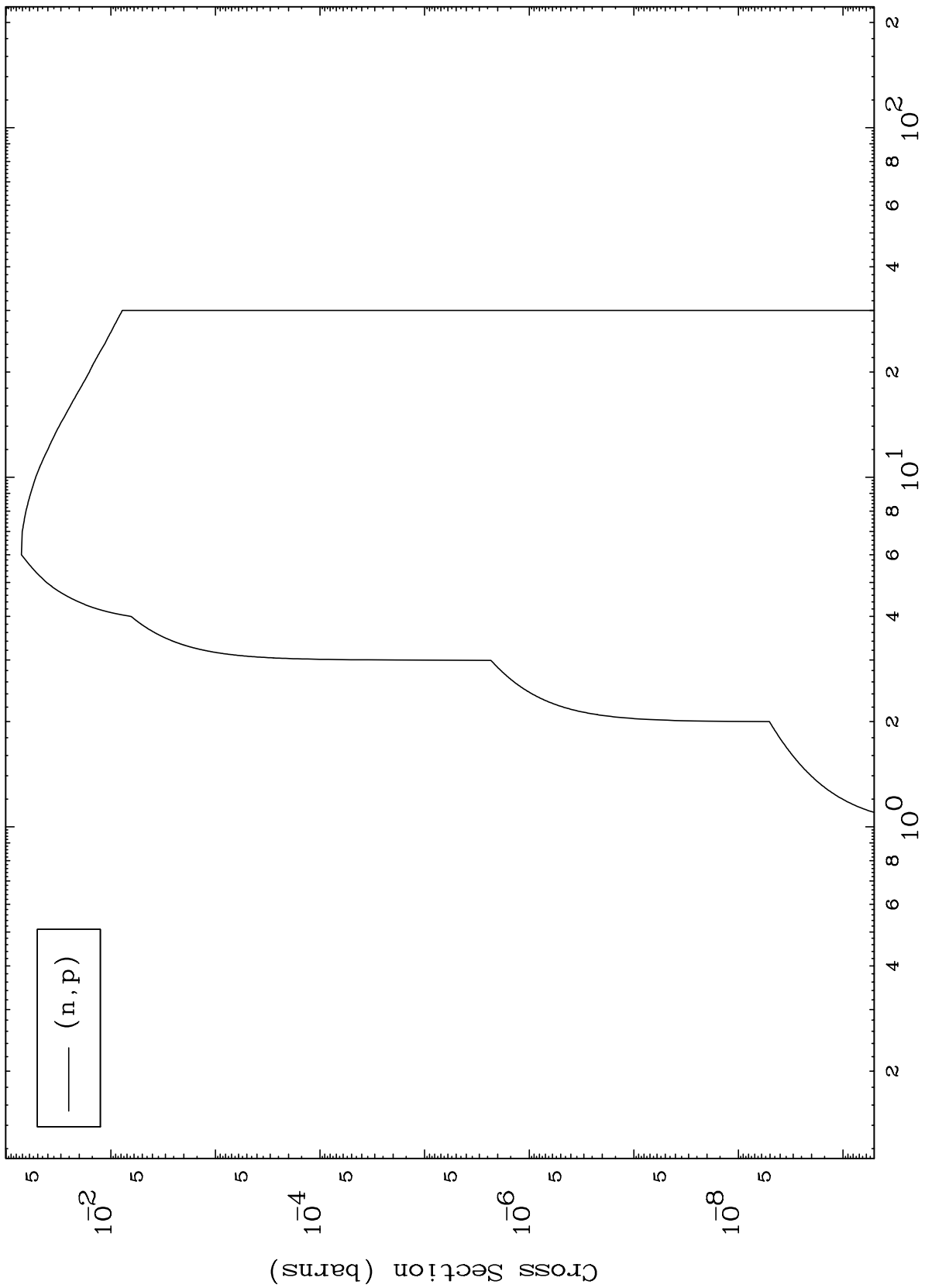




MAT 3926

39-Y -89m

(d,p) Levels
0 Kelvin Cross Sections



39-Y -89m

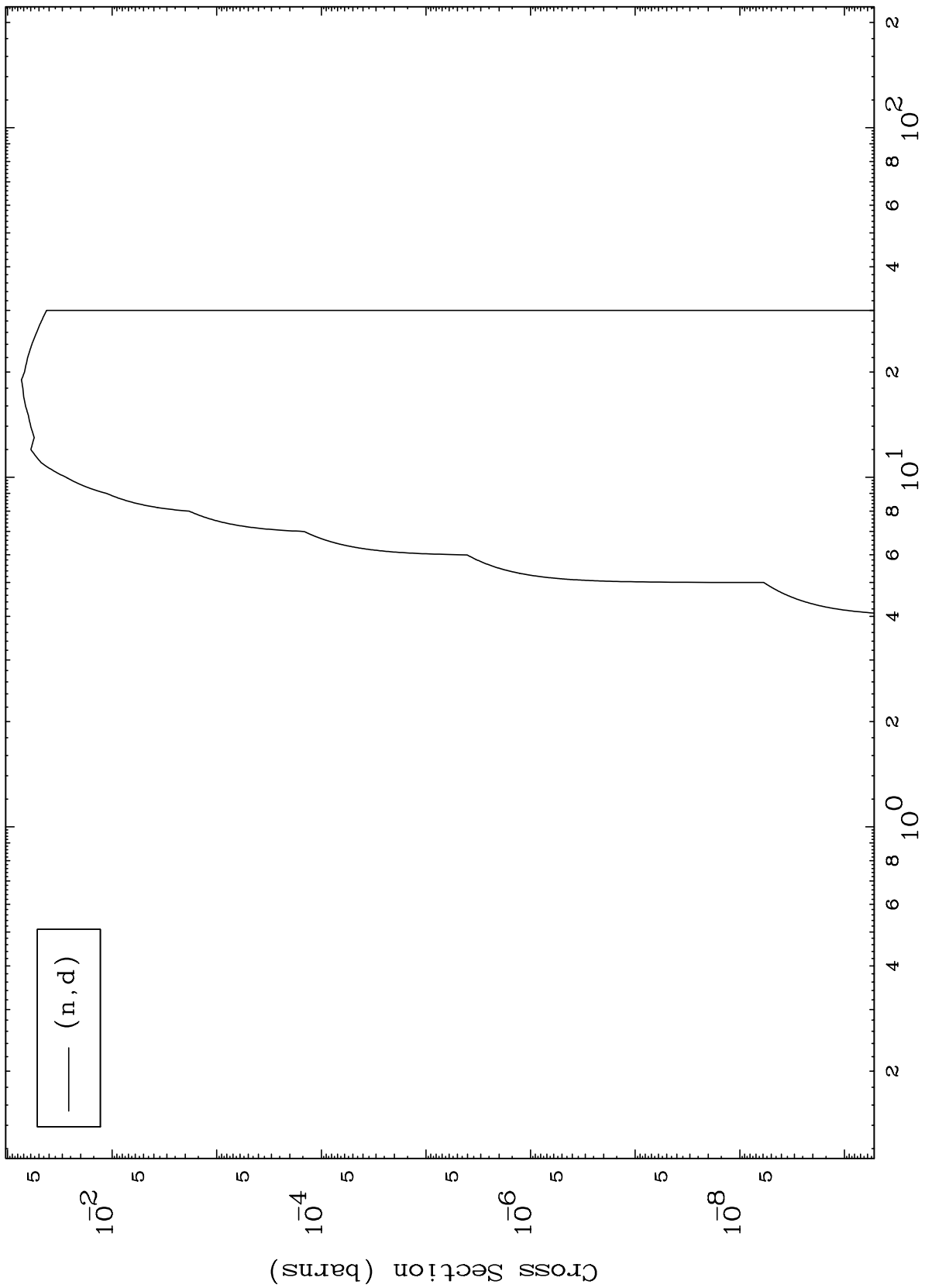
Incident Energy (MeV)

MAT 3926

(d,d) Levels

39-Y -89m

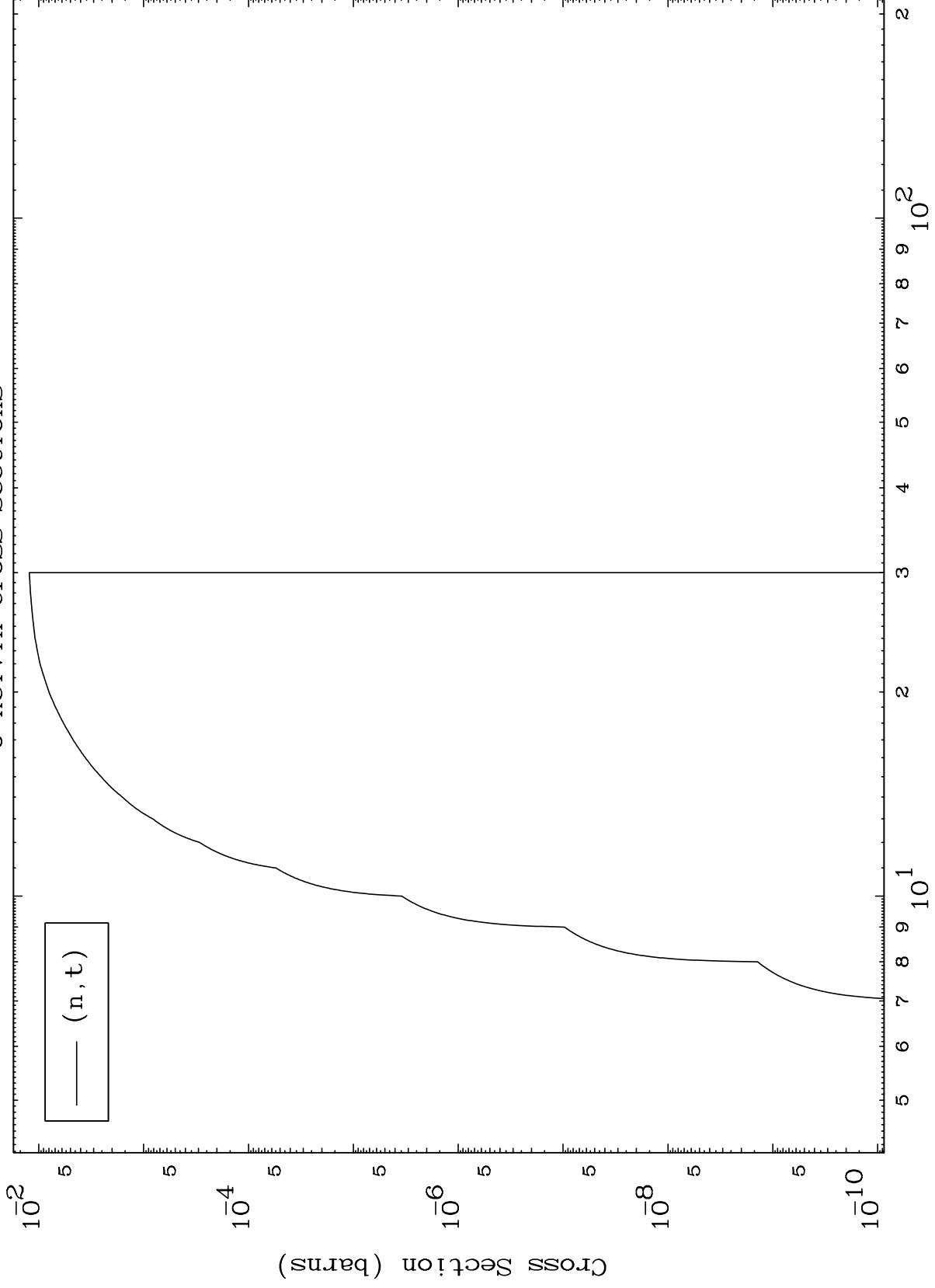
0 Kelvin Cross Sections



MAT 3926

(d,t) Levels
0 Kelvin Cross Sections

39-Y -89m



9

Incident Energy (MeV)

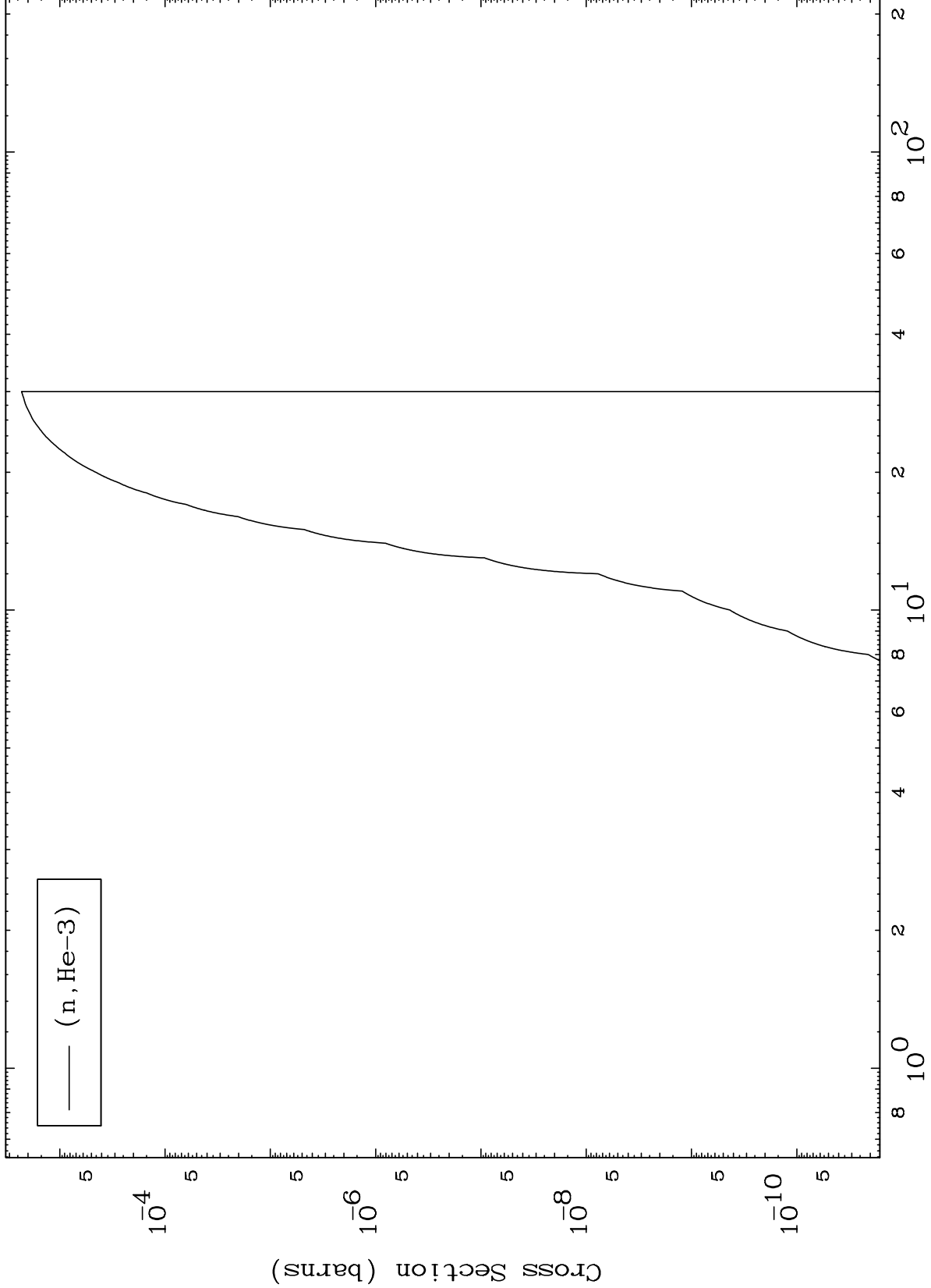
39-Y -89m

MAT 3926

(d,He3) Levels

39-Y -89m

0 Kelvin Cross Sections



10

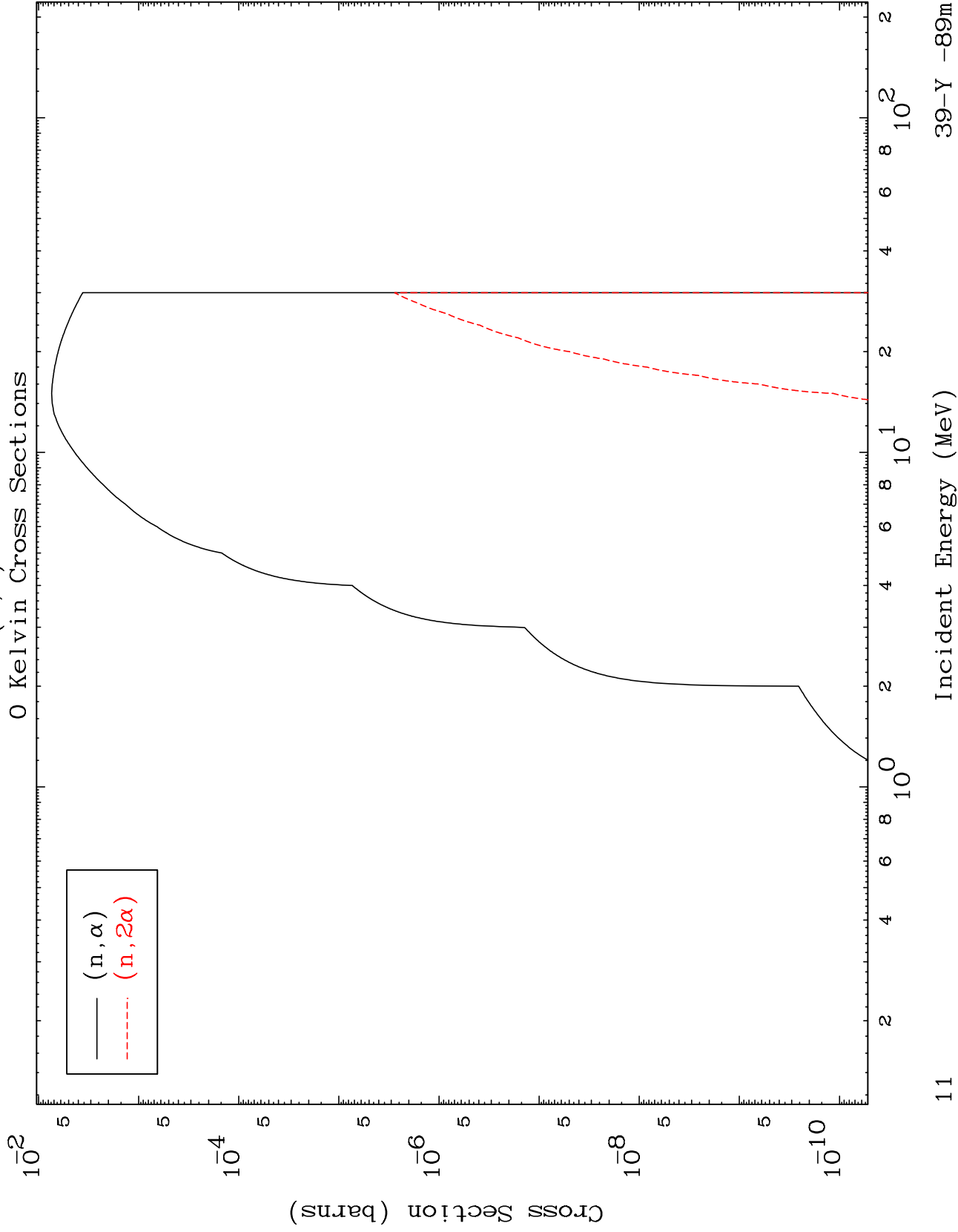
Incident Energy (MeV)

39-Y -89m

MAT 3926

(d, α) Levels

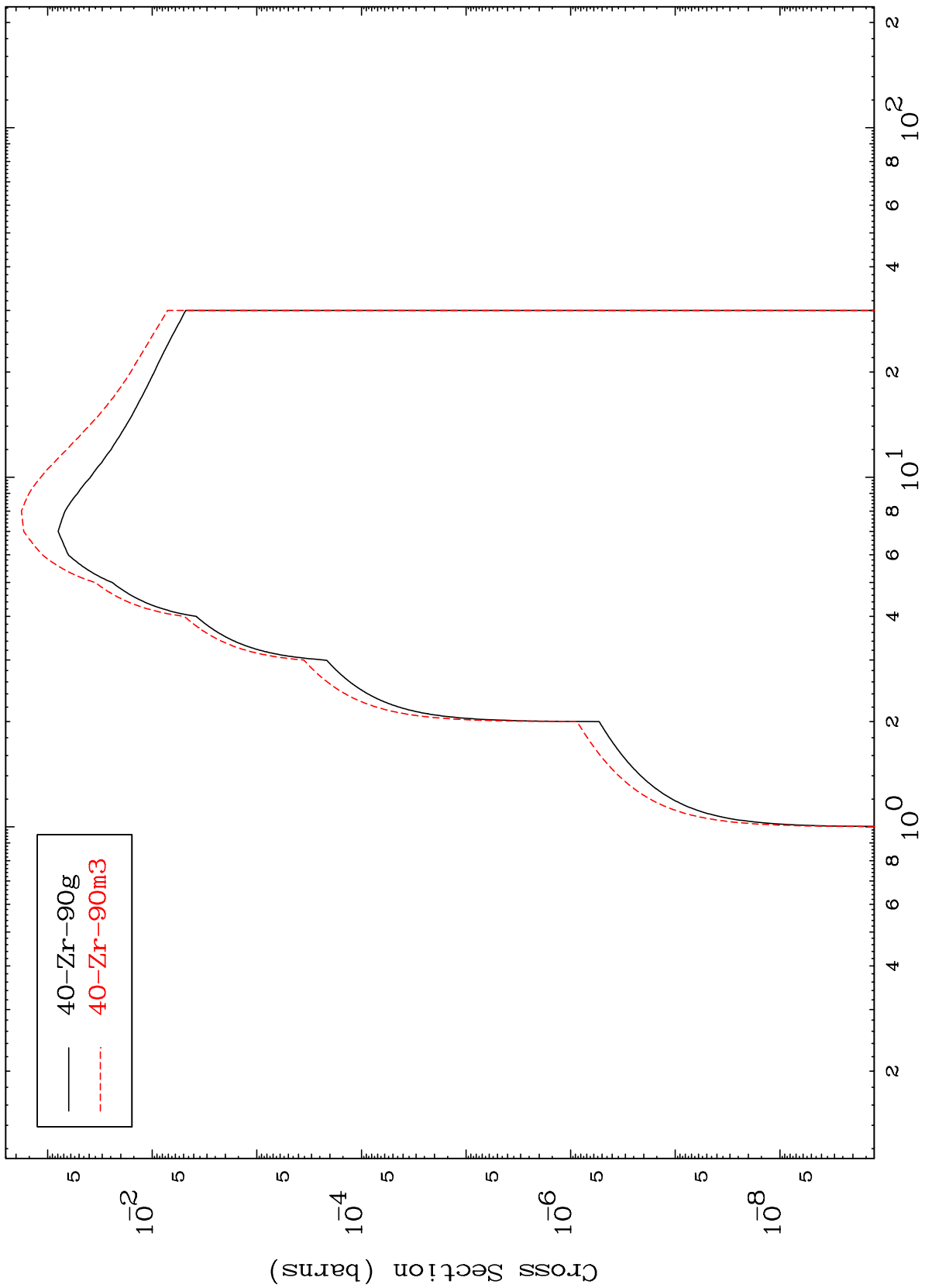
39-Y -89m



MAT 3926

39-Y -89m

Inelastic
Radionuclide Production Cross Section



39-Y -89m

Incident Energy (MeV)

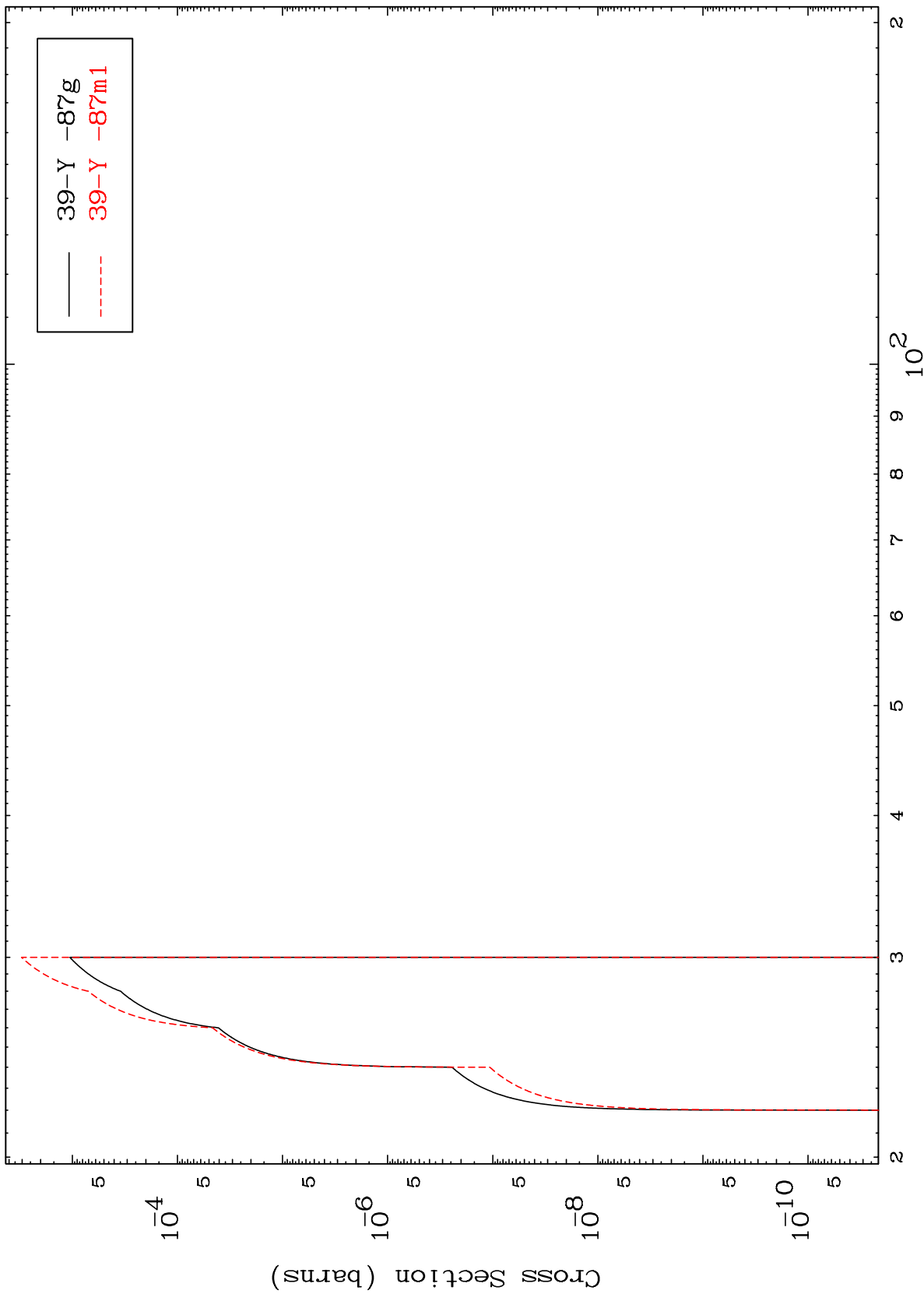
12

MAT 3926

(n,2n) d

39-Y -89m

Radionuclide Production Cross Section



13

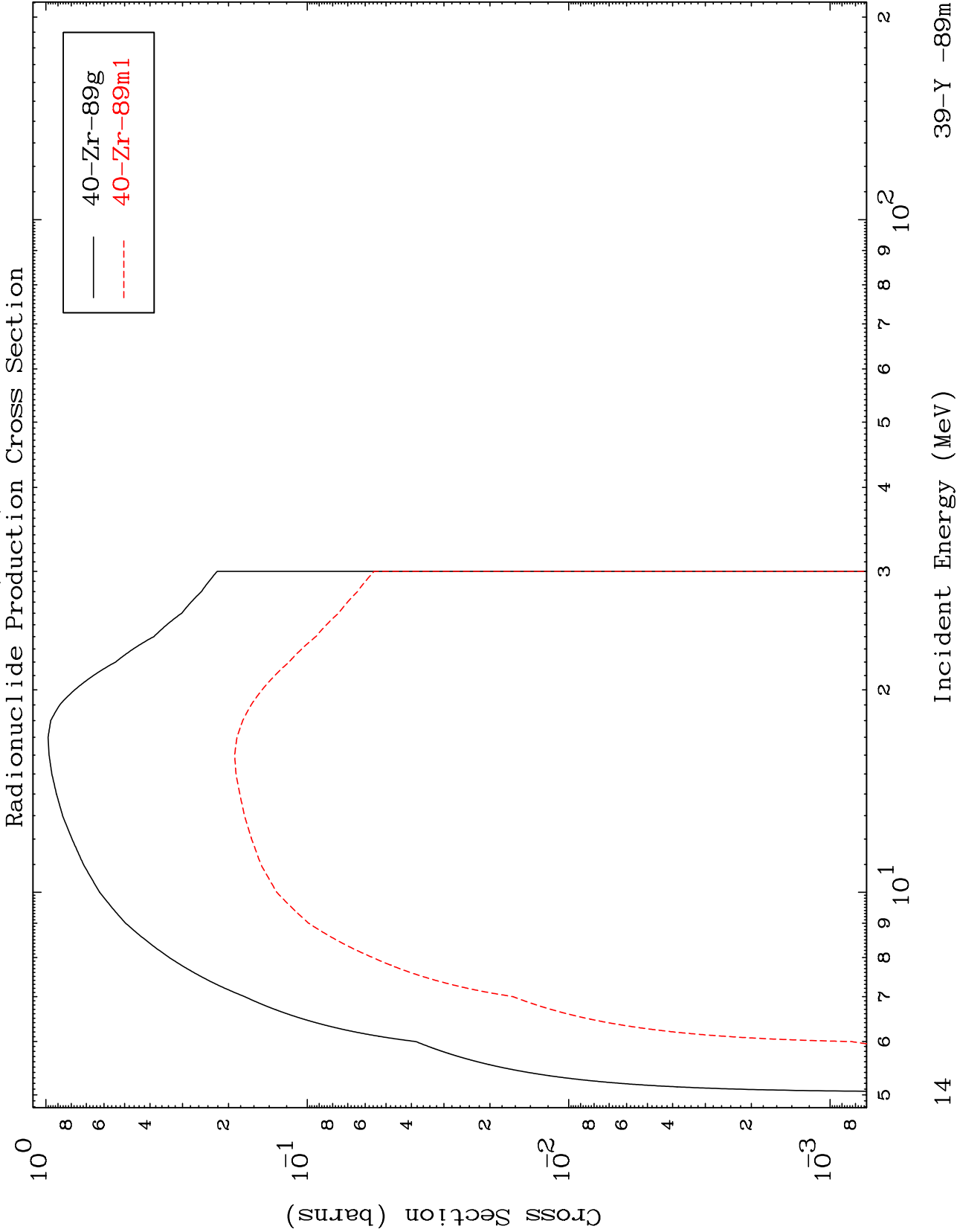
Incident Energy (MeV)

39-Y -89m

MAT 3926

(n,2n)

39-Y -89m



14

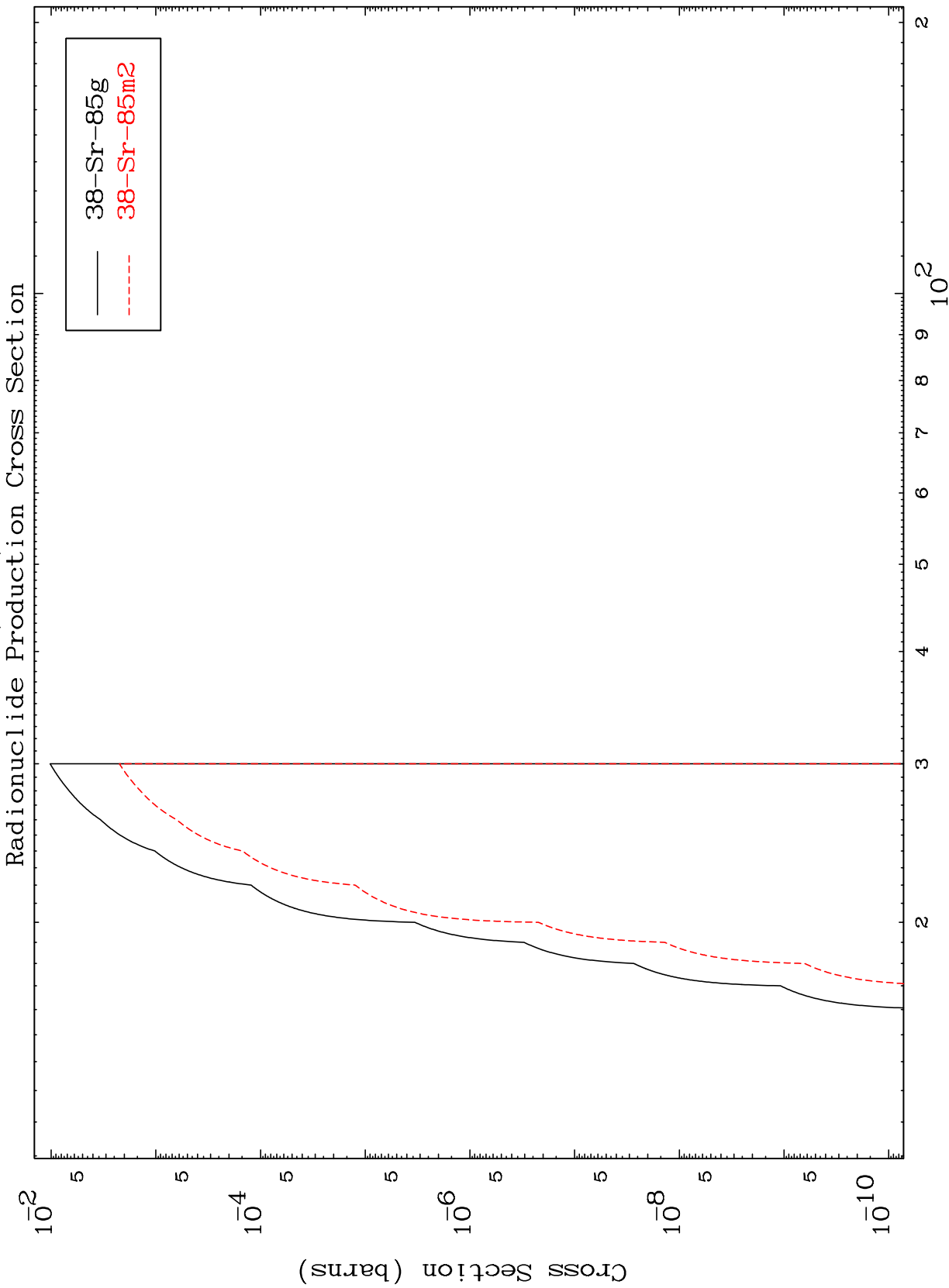
Incident Energy (MeV)

39-Y -89m

MAT 3926

$(n,2n) \alpha$

39-Y -89m



15

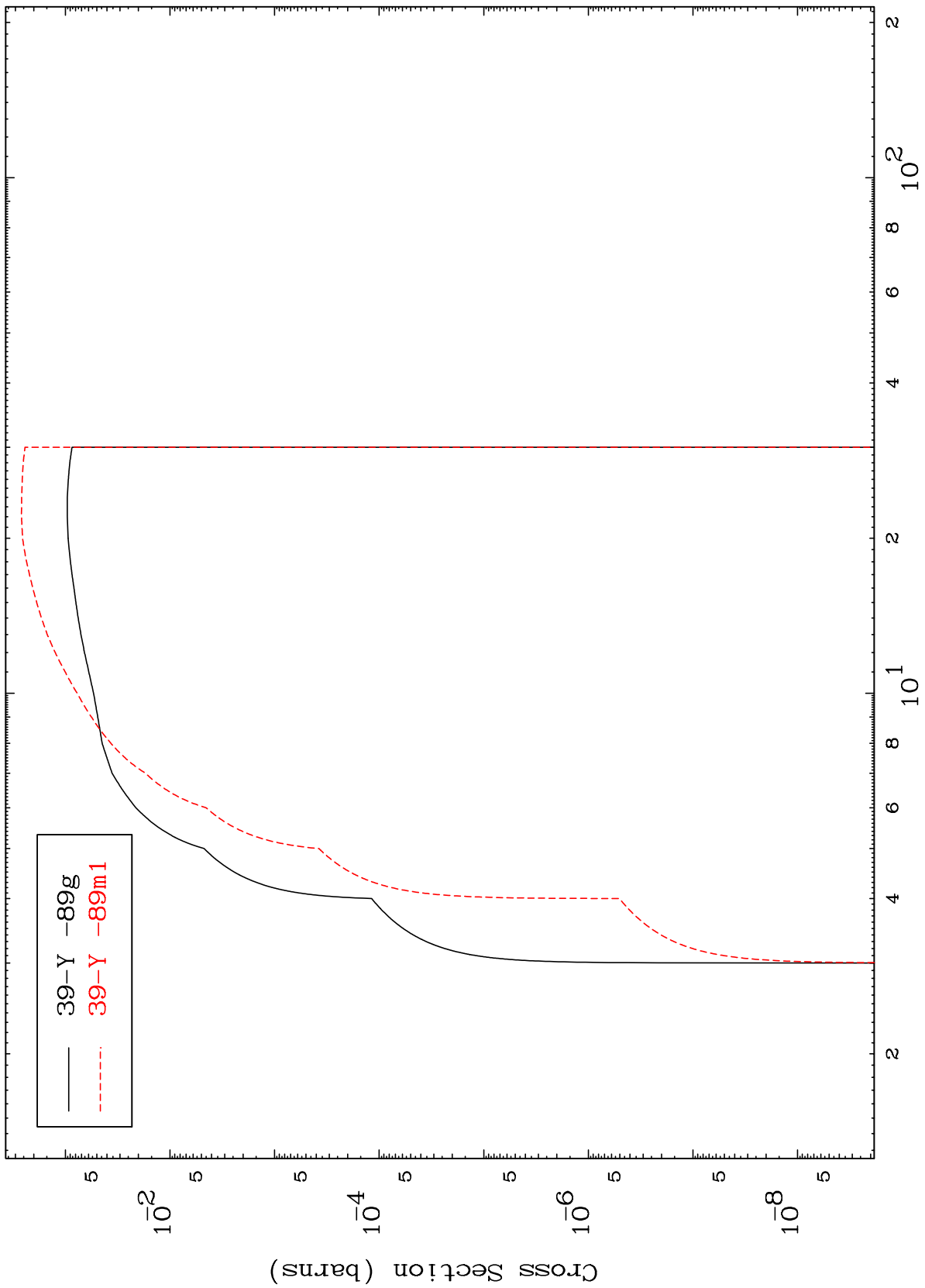
Incident Energy (MeV)

39-Y -89m

MAT 3926

39-Y -89m

(n,n') p
Radionuclide Production Cross Section



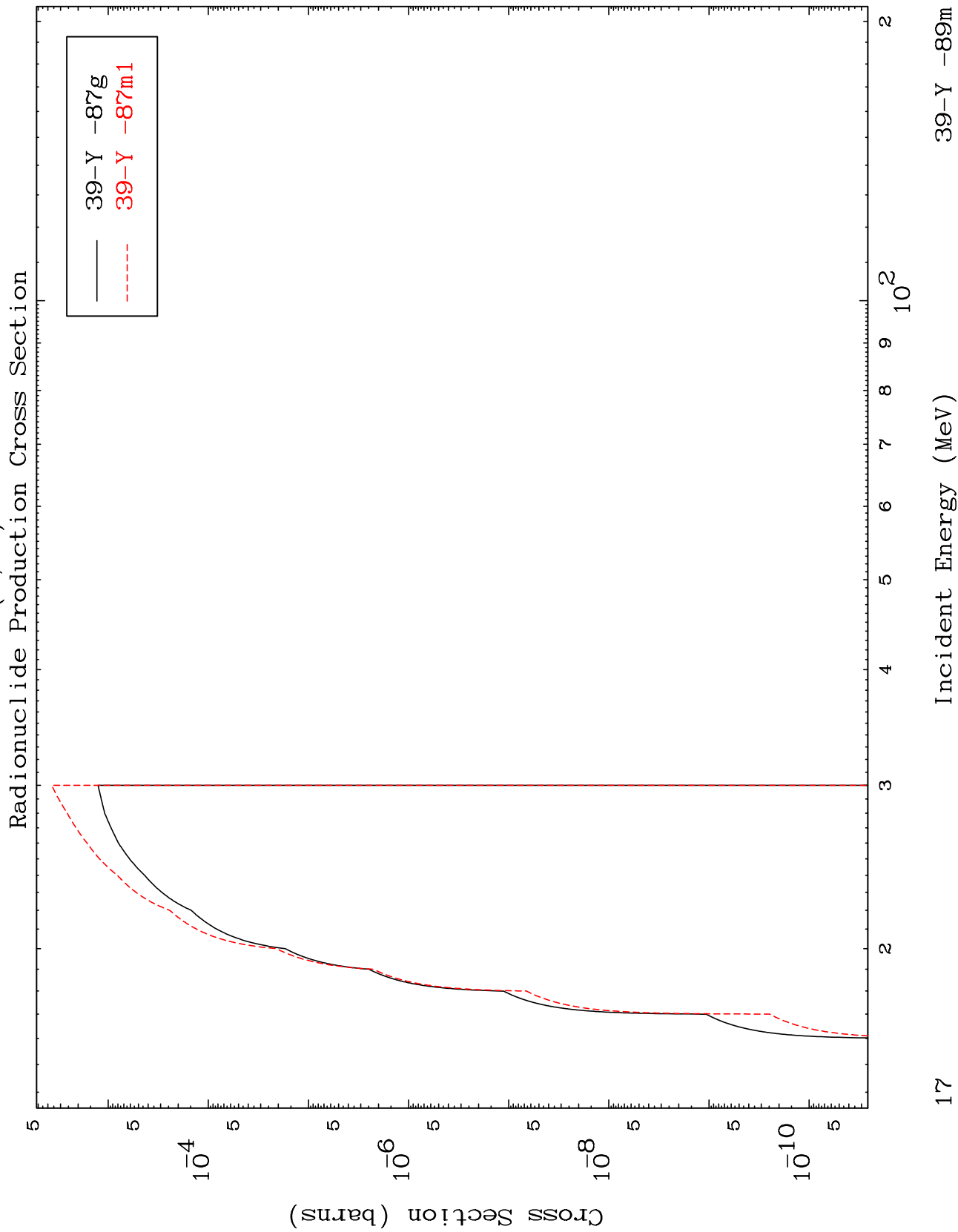
16

39-Y -89m

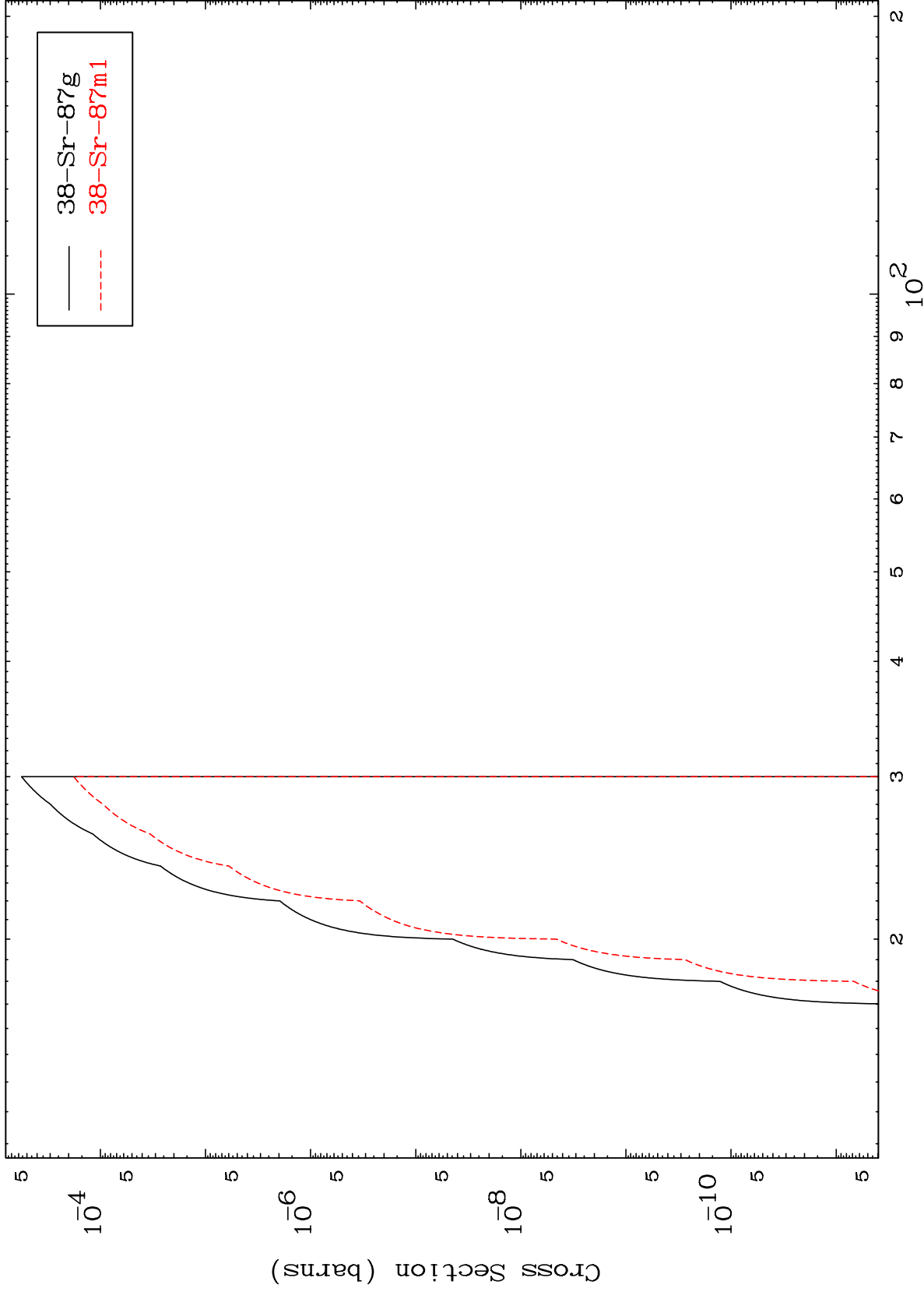
MAT 3926

(n,n') t

39-Y -89m



Radionuclide Production Cross Section

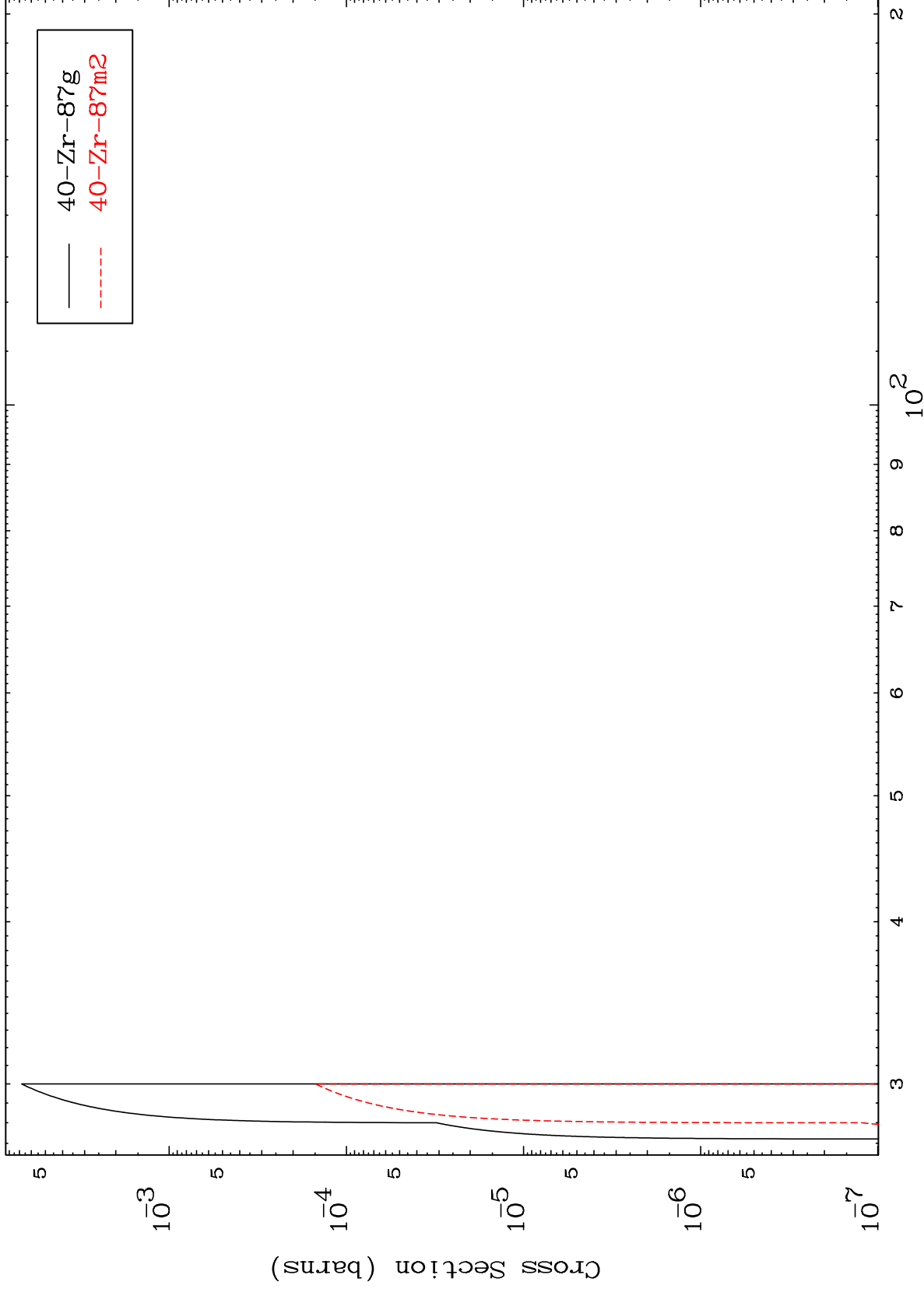


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(n,4n)

39-Y -89m

Radionuclide Production Cross Section



19

Incident Energy (MeV)

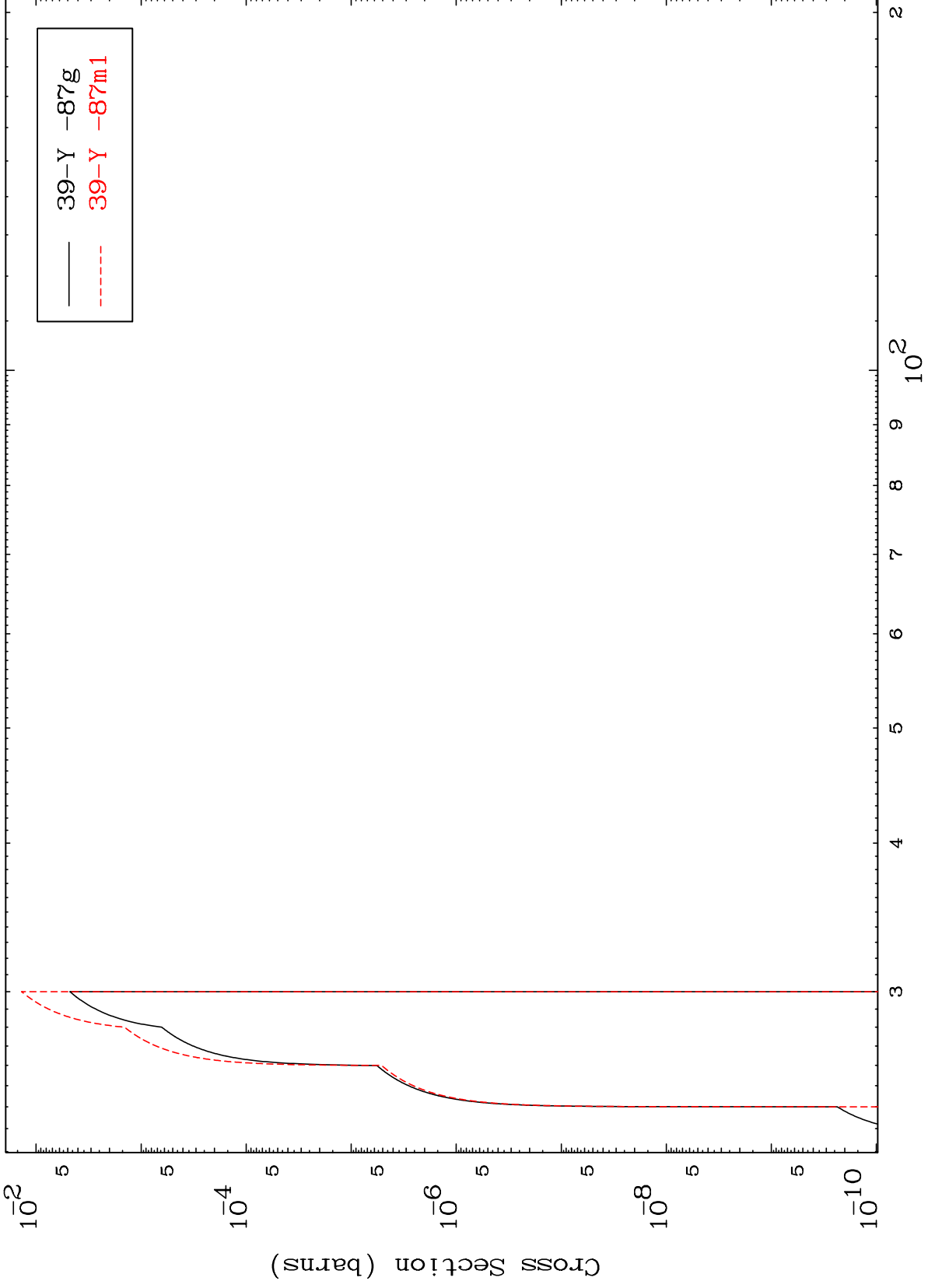
39-Y -89m

MAT 3926

(n,3n) p

39-Y -89m

Radionuclide Production Cross Section



20

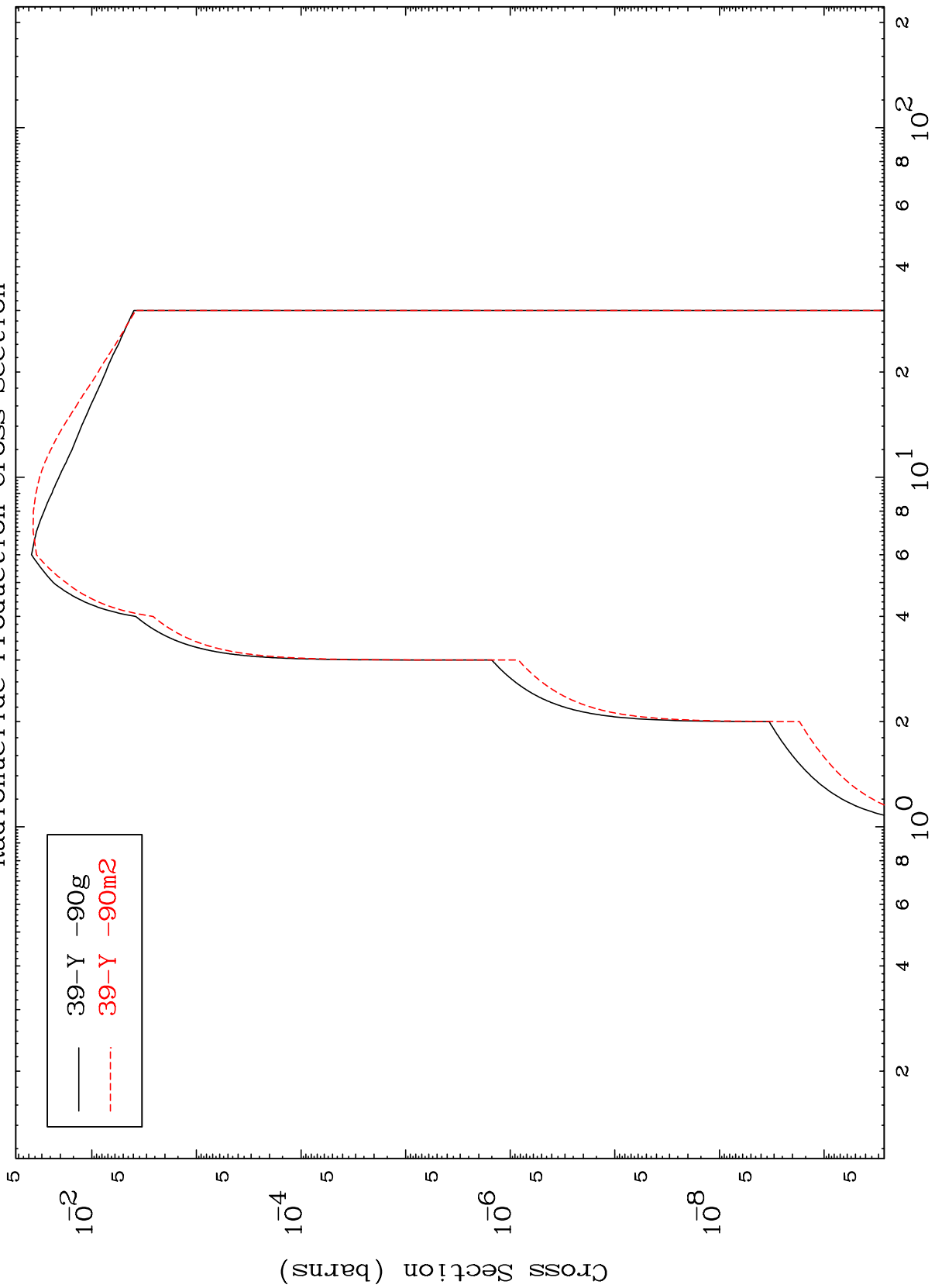
Incident Energy (MeV)

39-Y -89m

MAT 3926

39-Y -89m

(n,p)
Radionuclide Production Cross Section



39-Y -89m

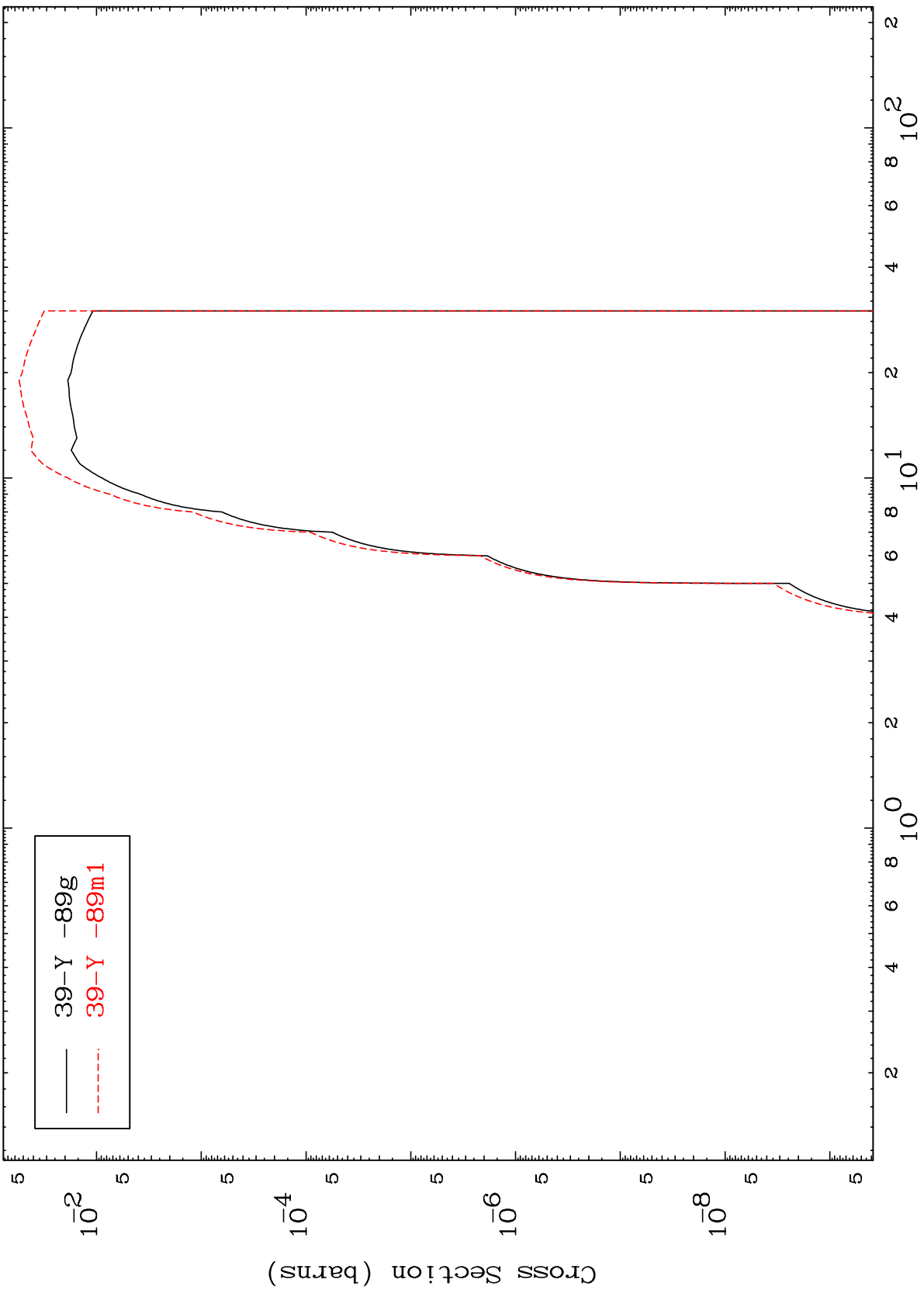
Incident Energy (MeV)

MAT 3926

(n,d)

39-Y -89m

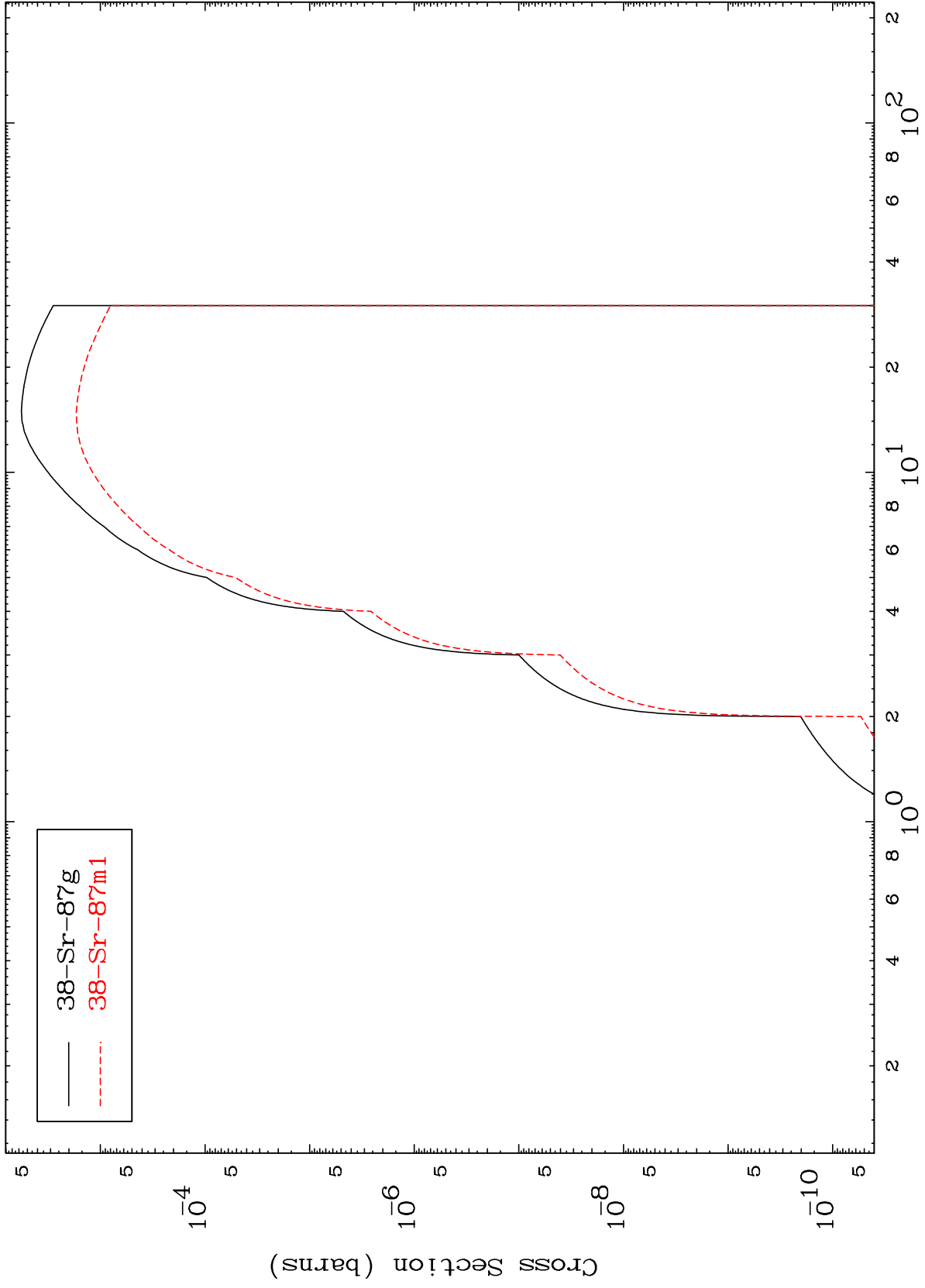
Radionuclide Production Cross Section



MAT 3926

39-Y -89m

(n, α)
Radionuclide Production Cross Section



23

39-Y -89m

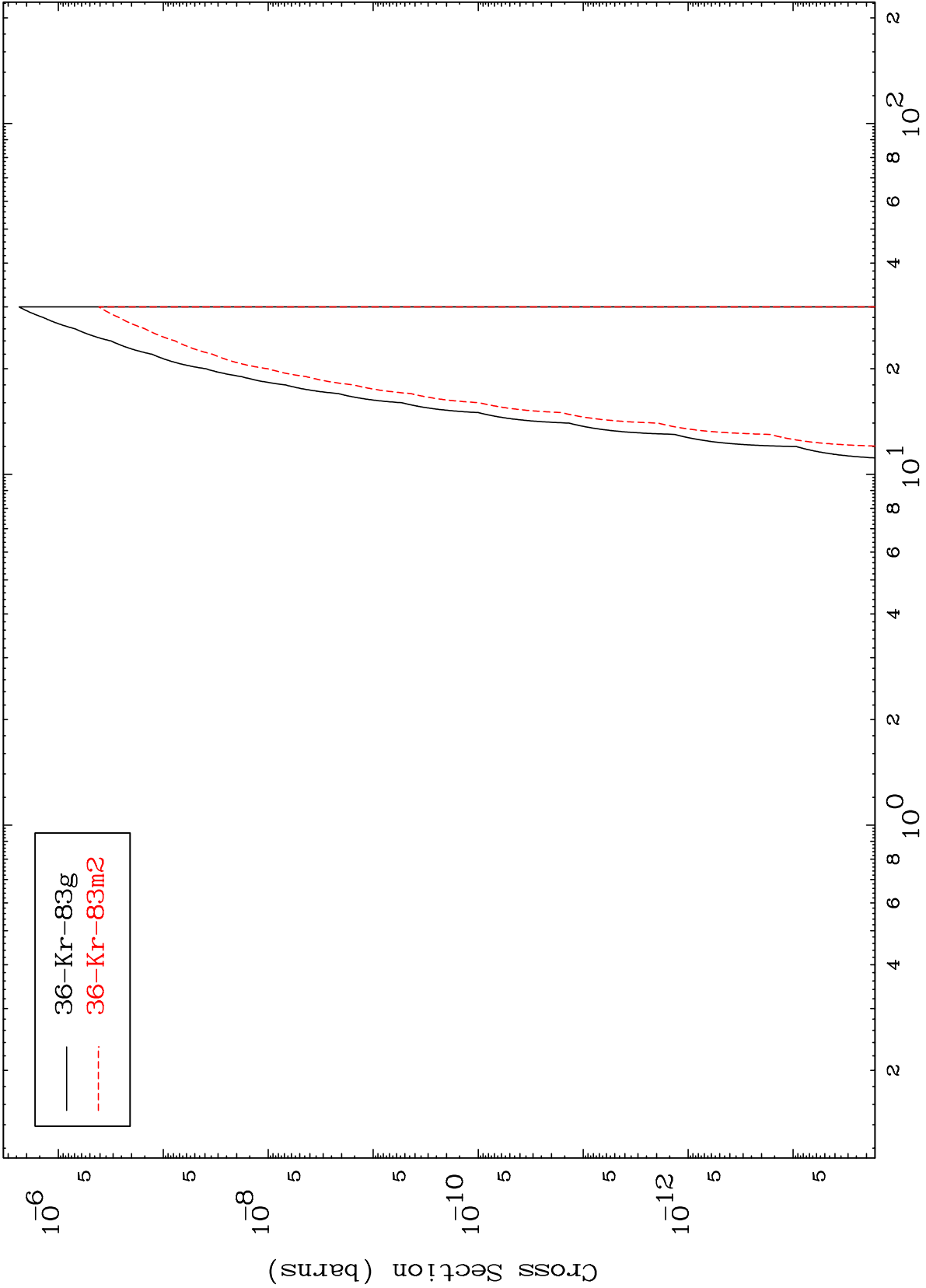
Incident Energy (MeV)

MAT 3926

(n,2α)

39-Y -89m

Radionuclide Production Cross Section



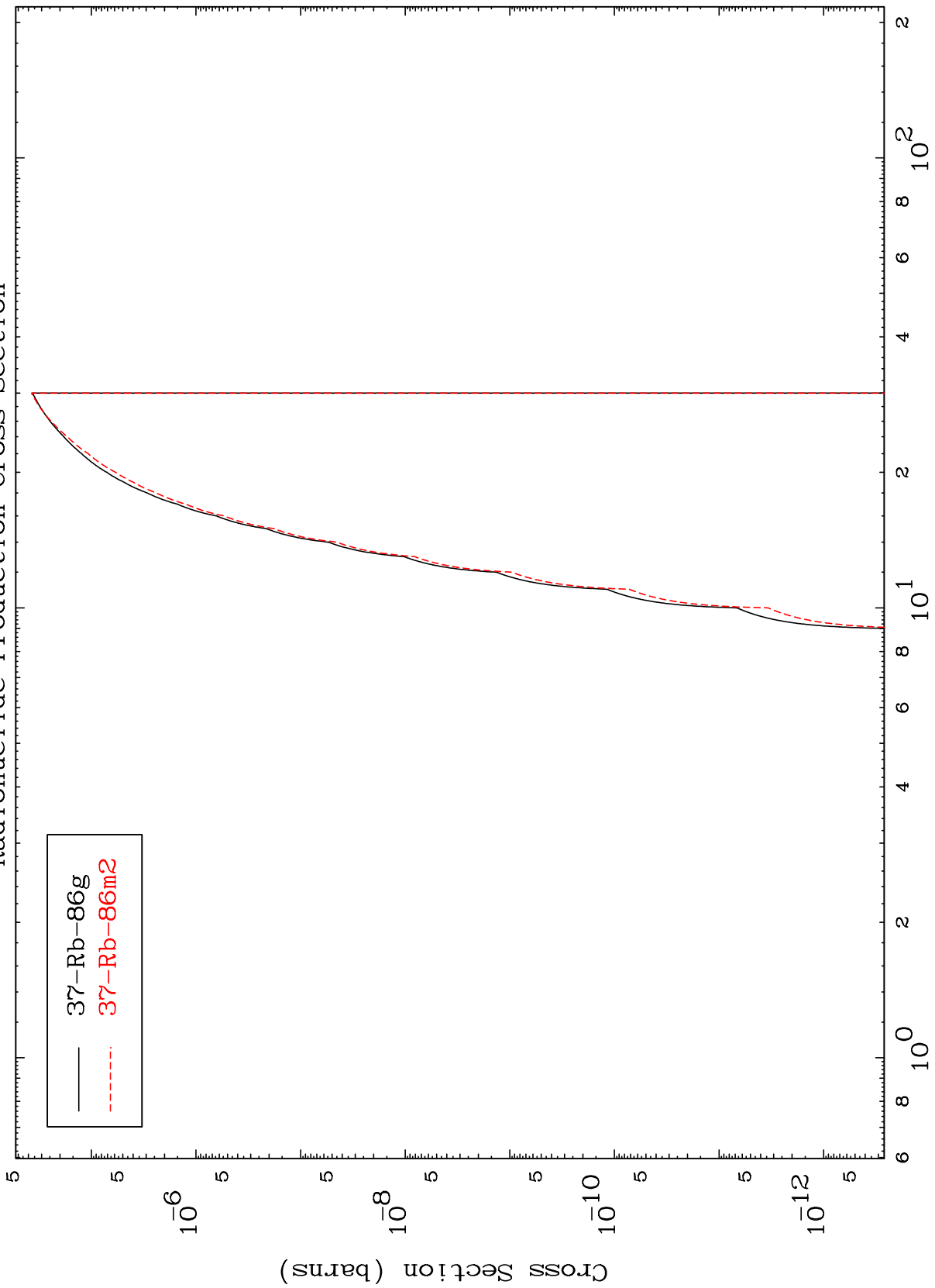
— 36-Kr-83g
- - - 36-Kr-83m2

MAT 3926

(n,p) α

39-Y -89m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

39-Y -89m

