

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

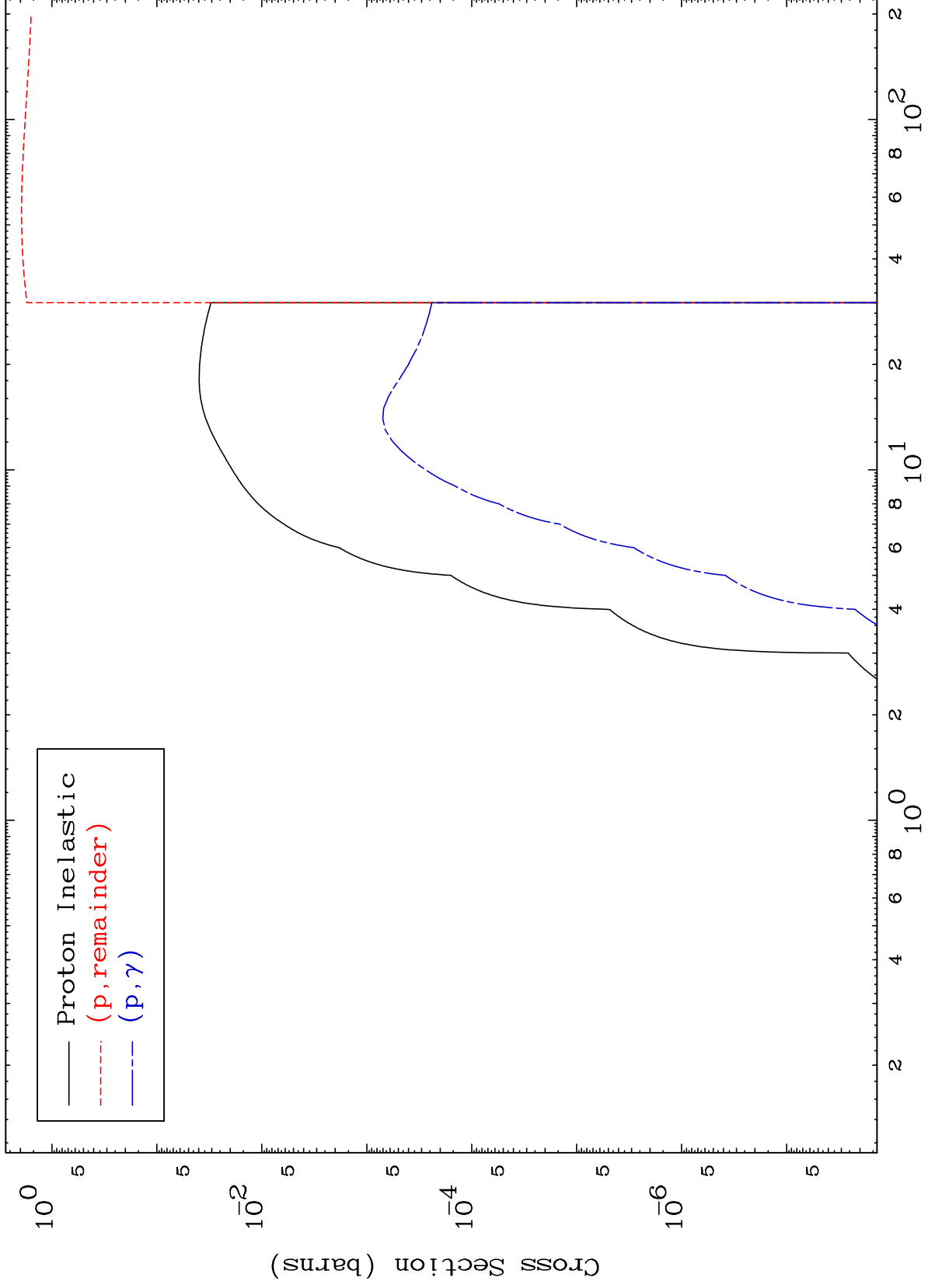
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

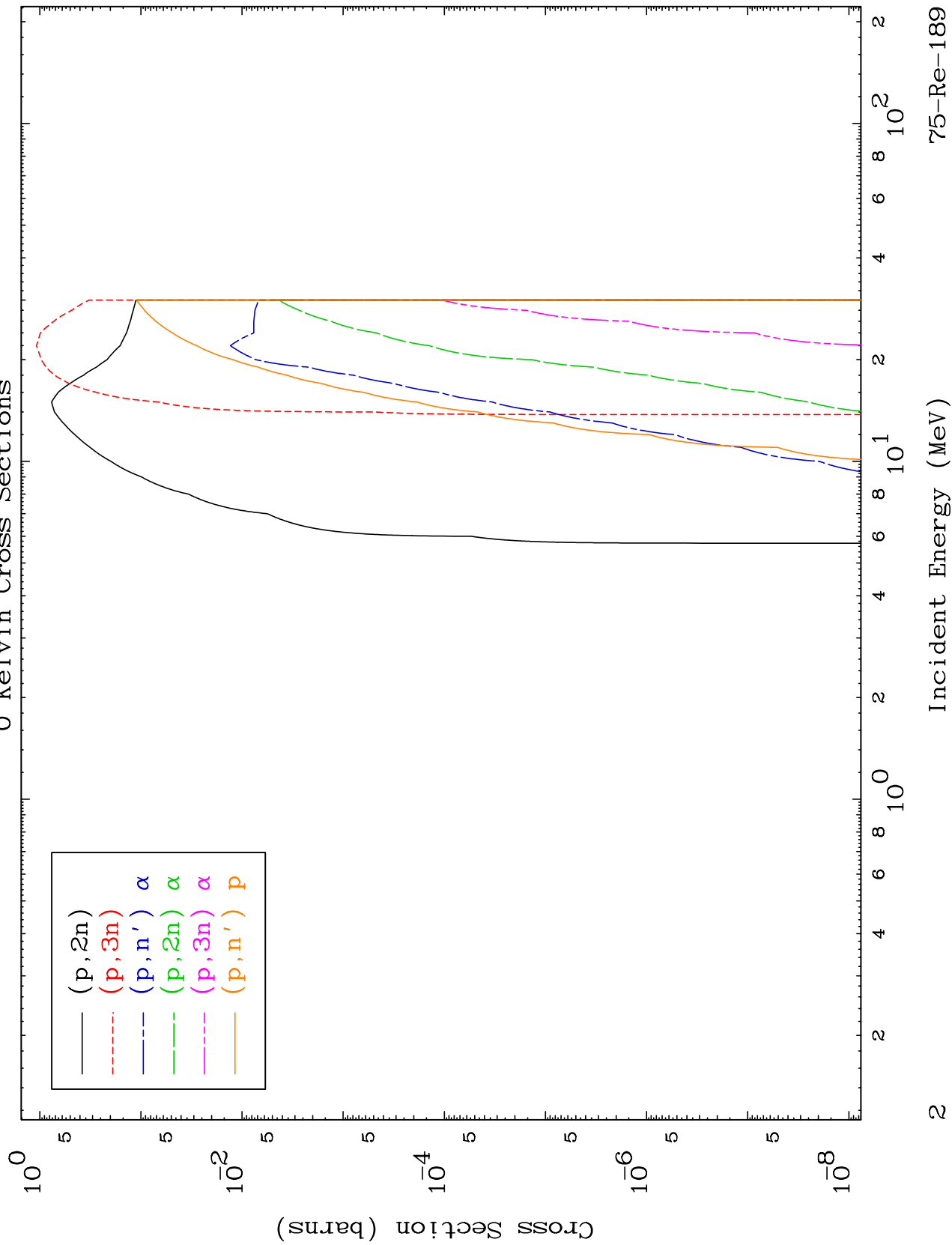
Tele: 925-443-1911

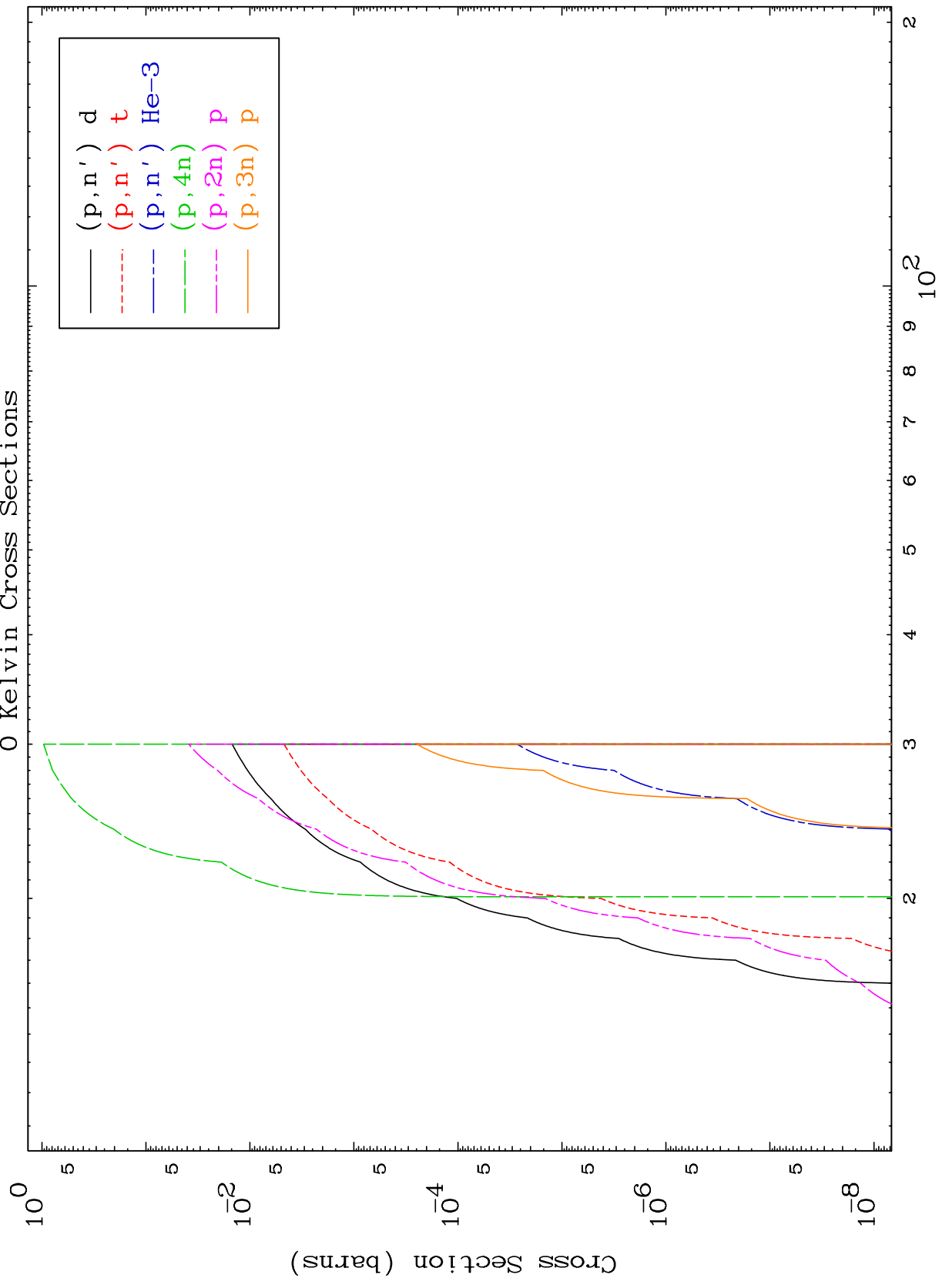
E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start



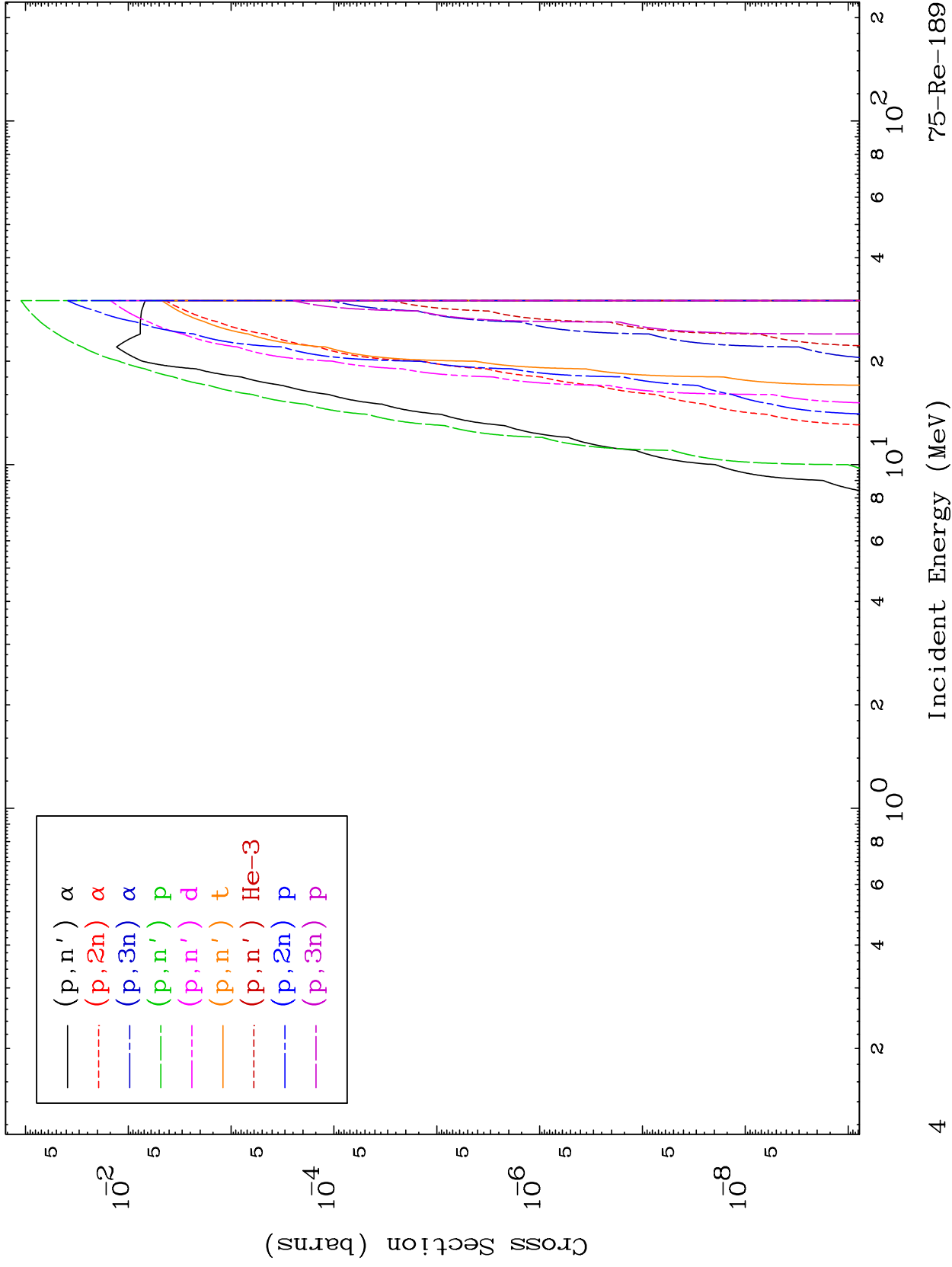


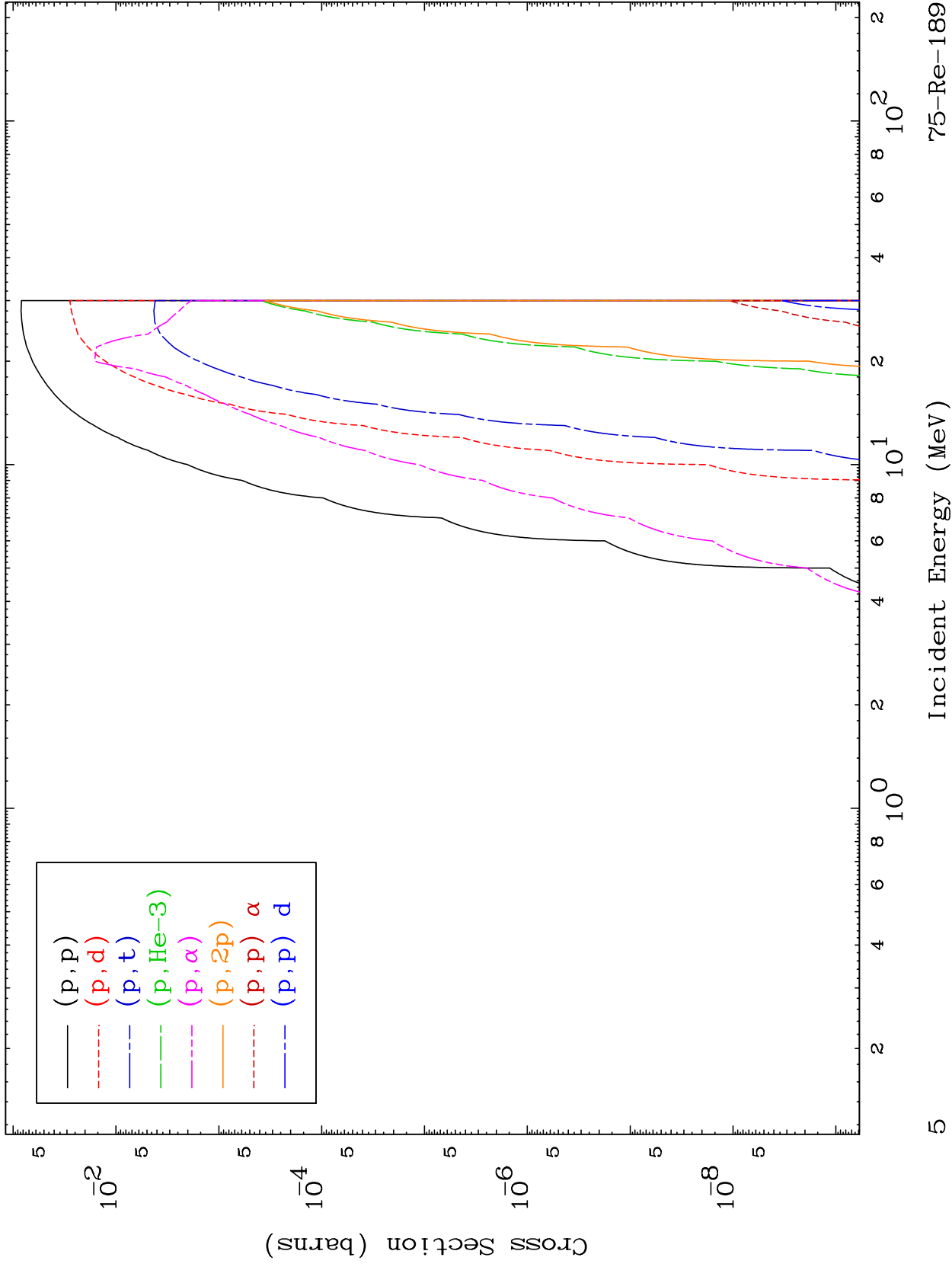


MAT 7537

Proton Charged Particle
0 Kelvin Cross Sections

75-Re-189



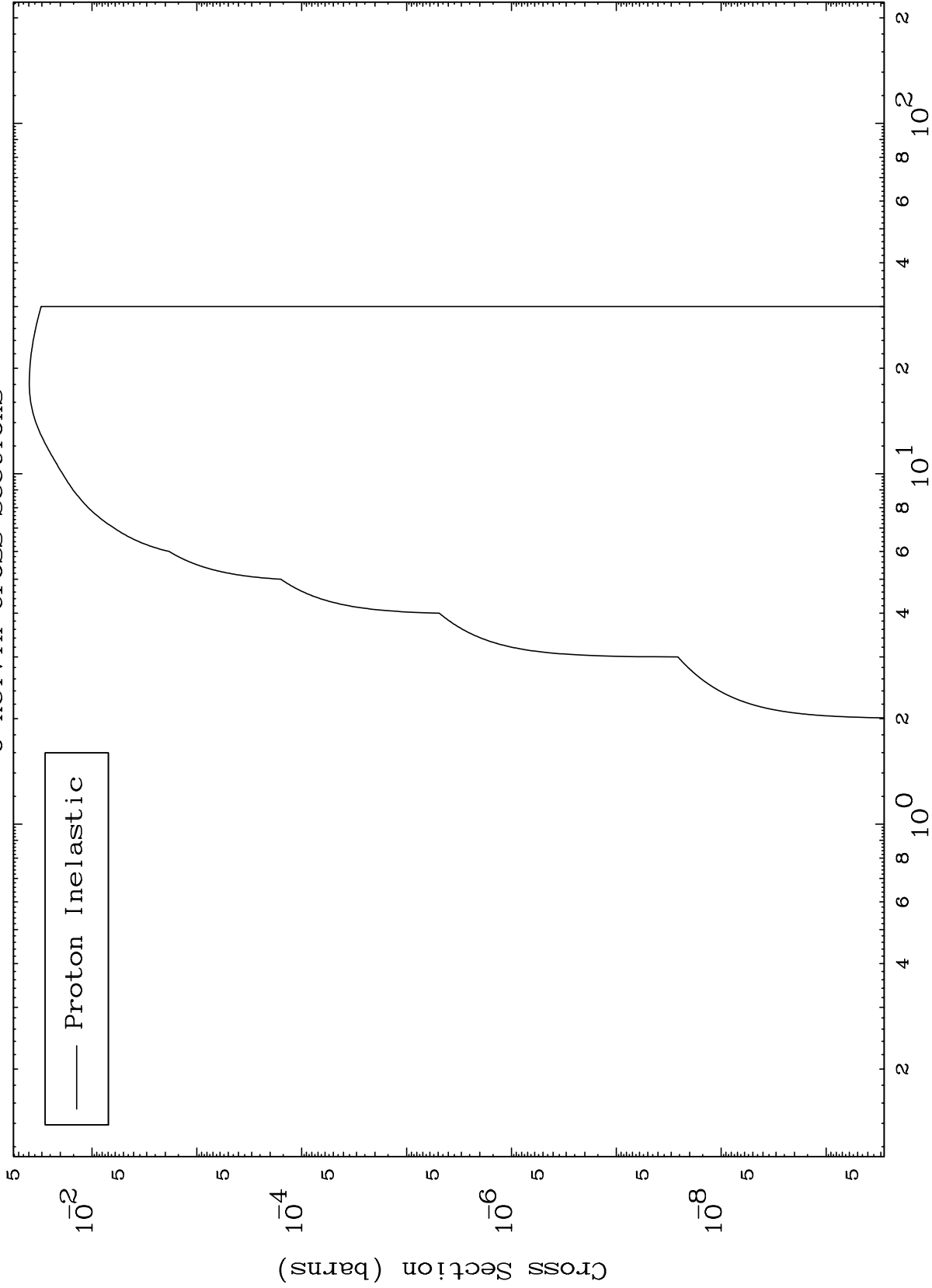


MAT 7537

(p,n') Level

75-Re-189

0 Kelvin Cross Sections



6

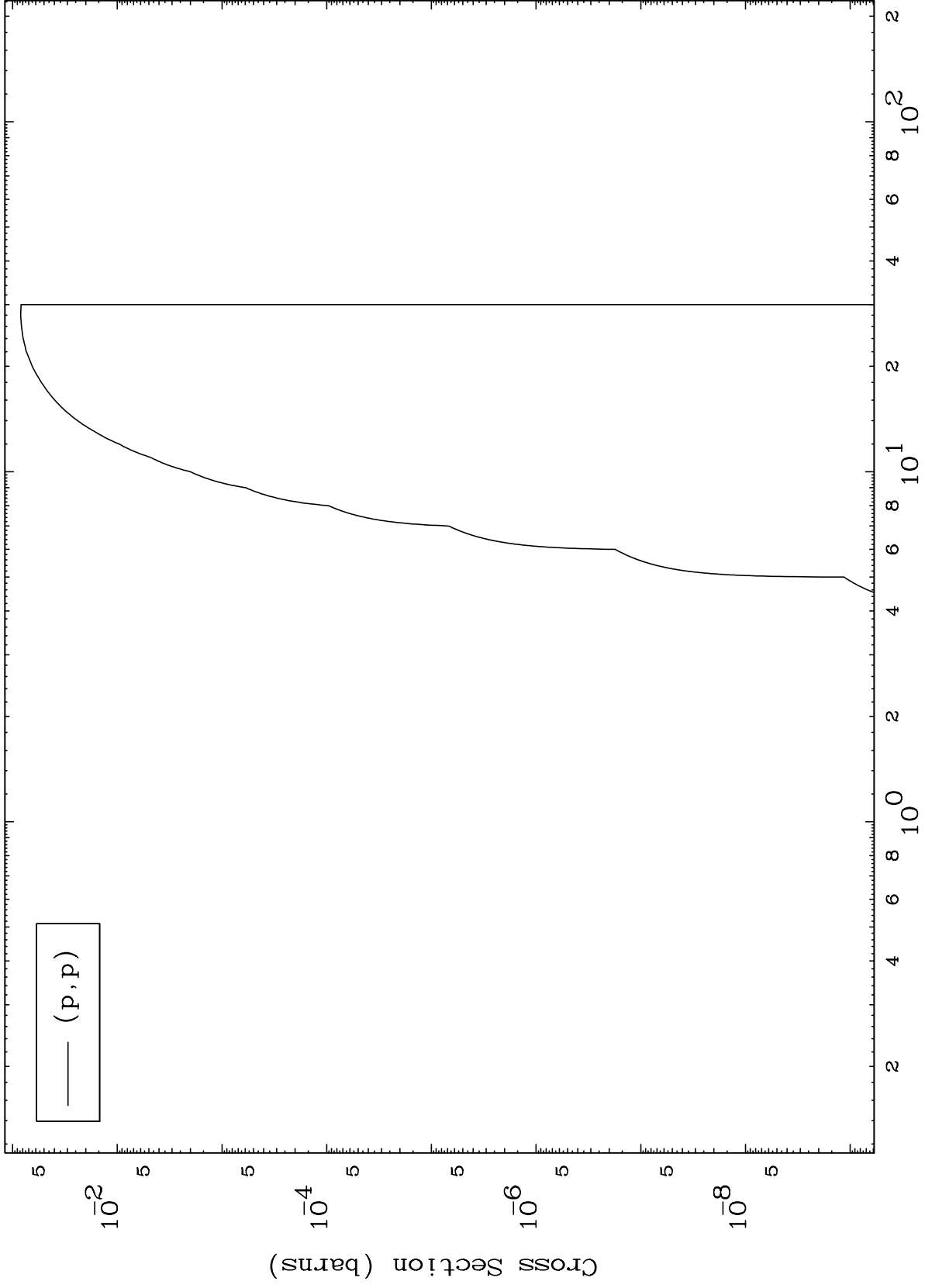
Incident Energy (MeV)

75-Re-189

MAT 7537

(p,p) Levels
0 Kelvin Cross Sections

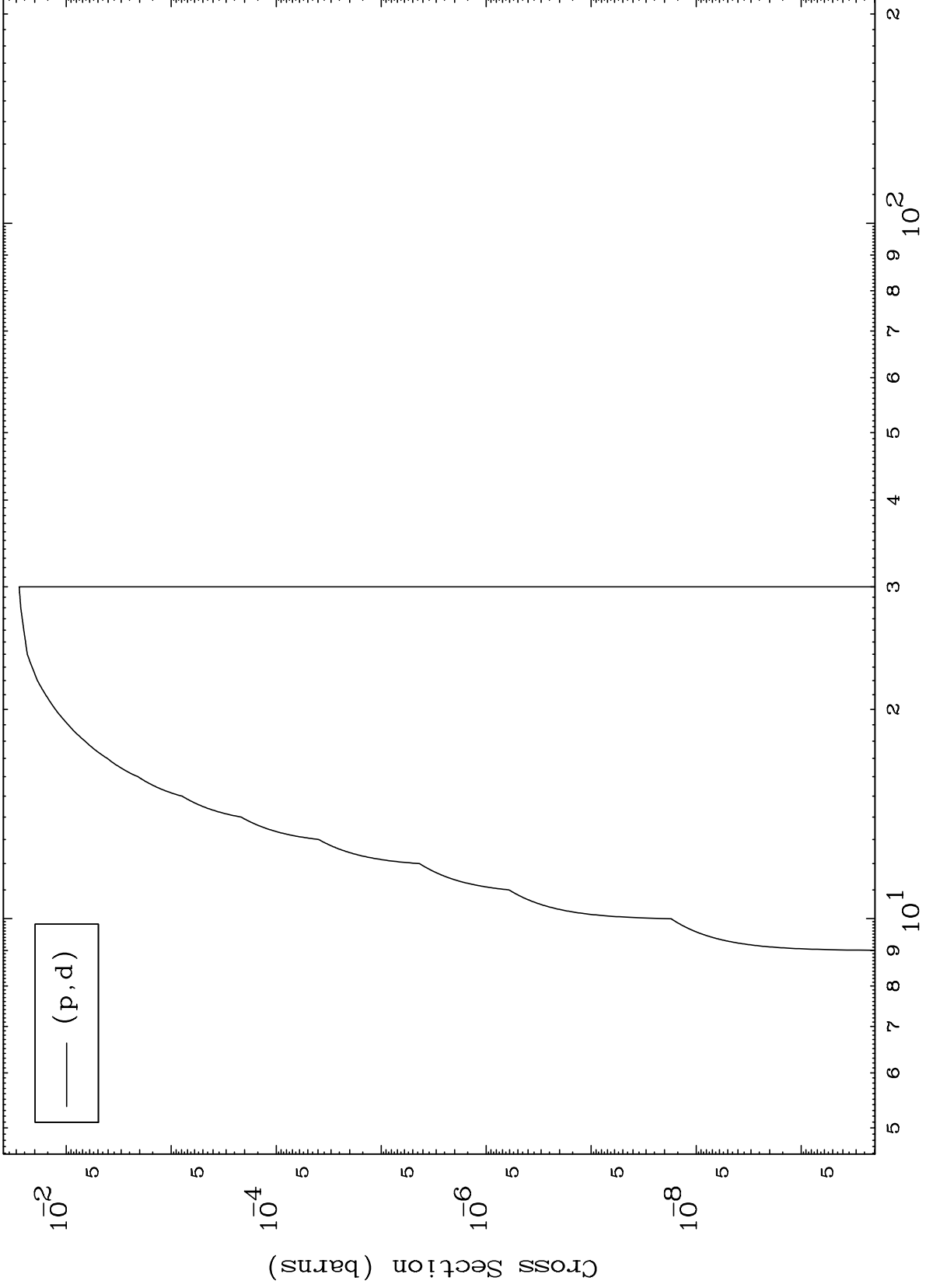
75-Re-189



MAT 7537

75-Re-189

(p,d) Levels
0 Kelvin Cross Sections



8

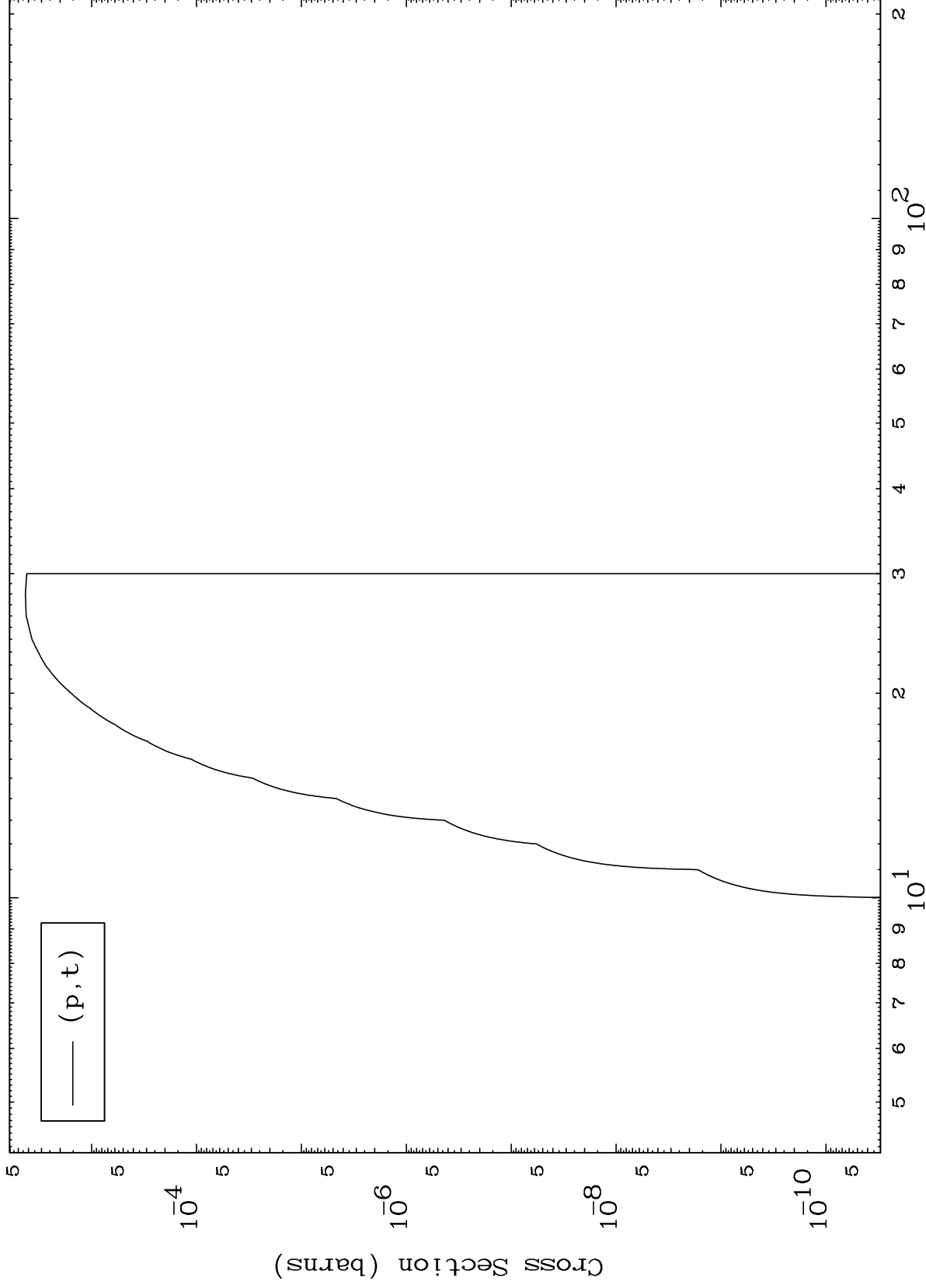
Incident Energy (MeV)

75-Re-189

MAT 7537

(p, t) Levels
0 Kelvin Cross Sections

75-Re-189



9

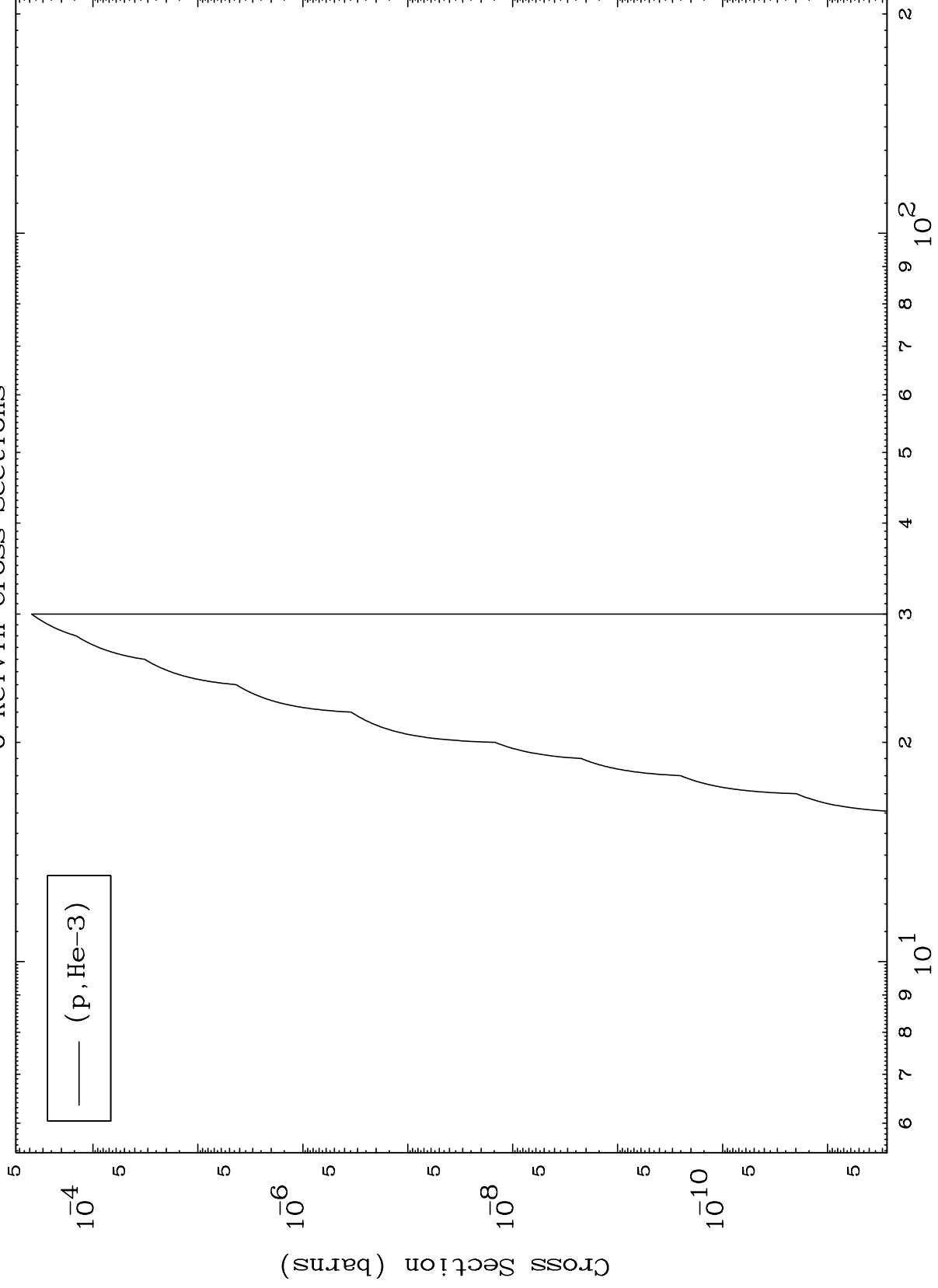
Incident Energy (MeV)

75-Re-189

MAT 7537

(p,He3) Levels
0 Kelvin Cross Sections

75-Re-189



10

Incident Energy (MeV)

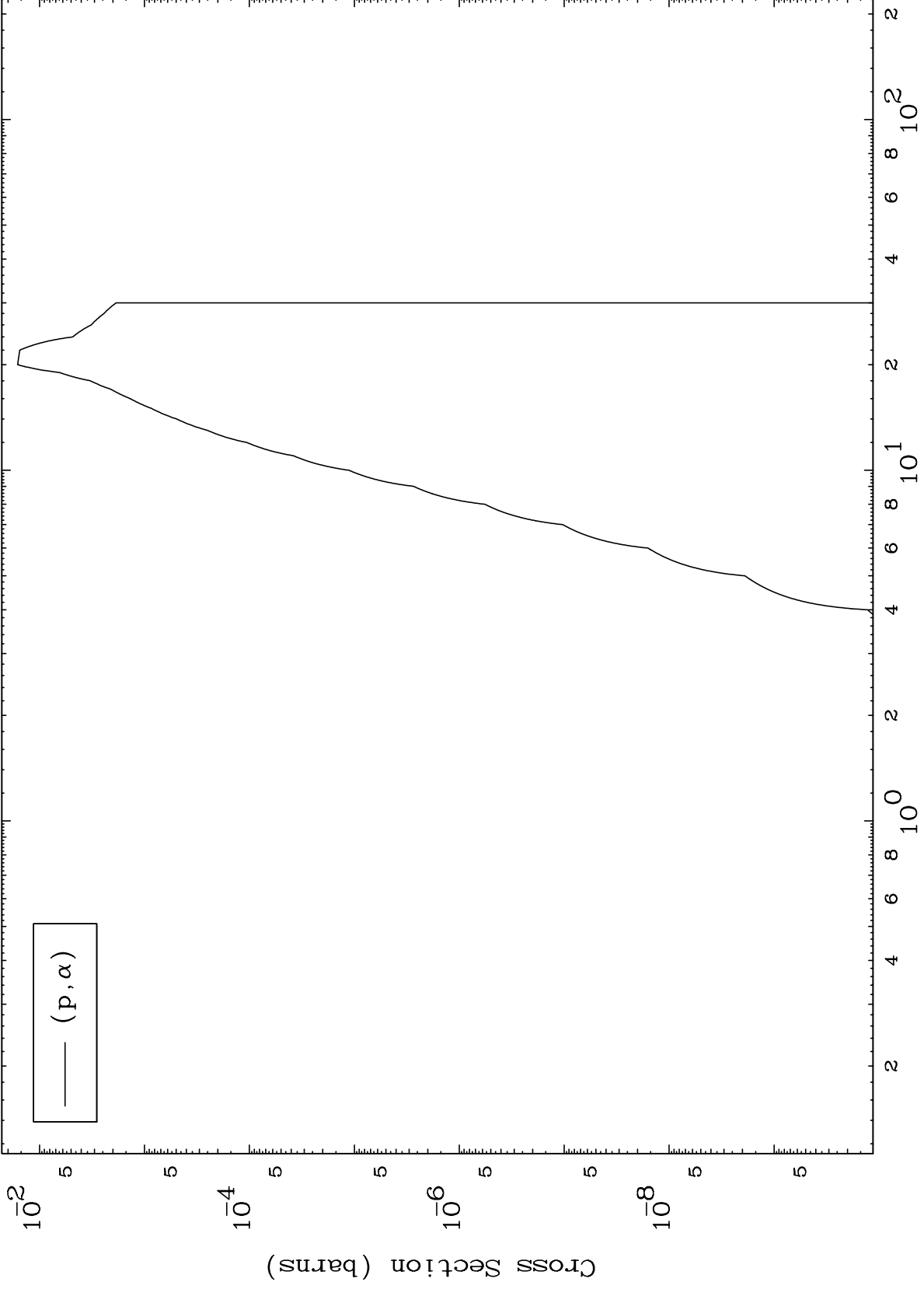
75-Re-189

MAT 7537

(p, α) Levels

75-Re-189

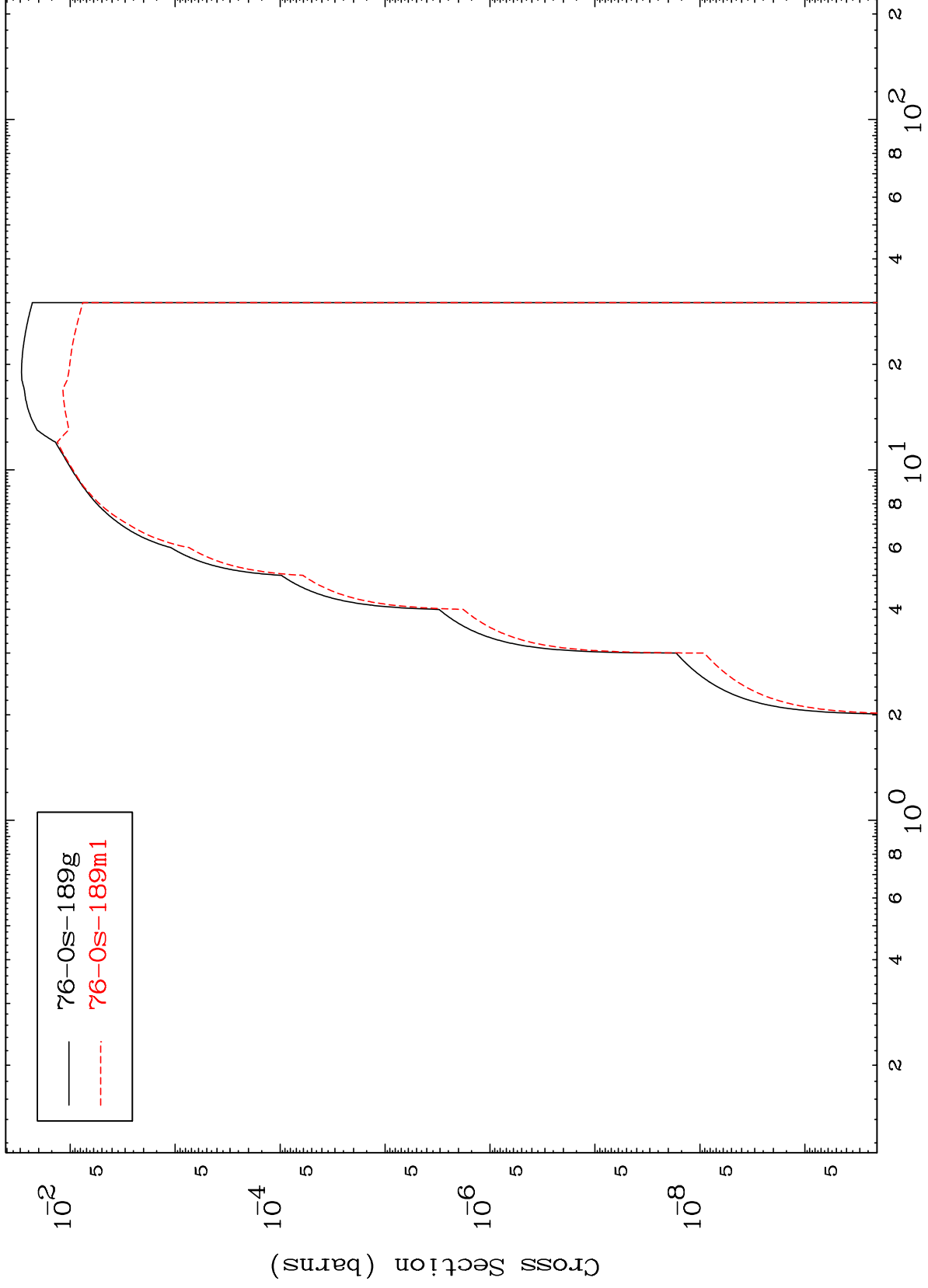
0 Kelvin Cross Sections



MAT 7537

Proton Inelastic
Radionuclide Production Cross Section

75-Re-189



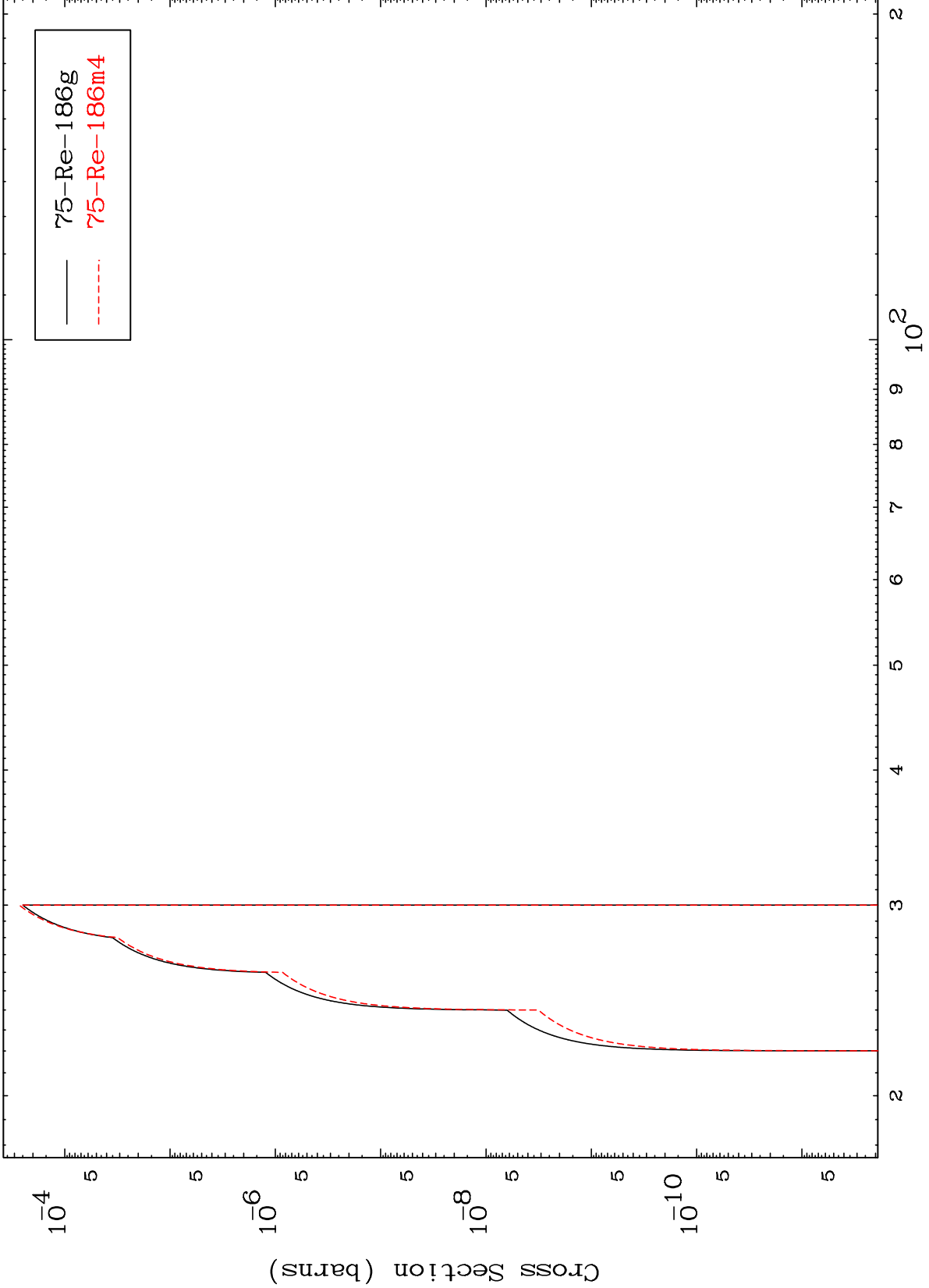
76-0s-189g
76-0s-189m1

MAT 7537

(p,2n) d

75-Re-189

Radionuclide Production Cross Section



13

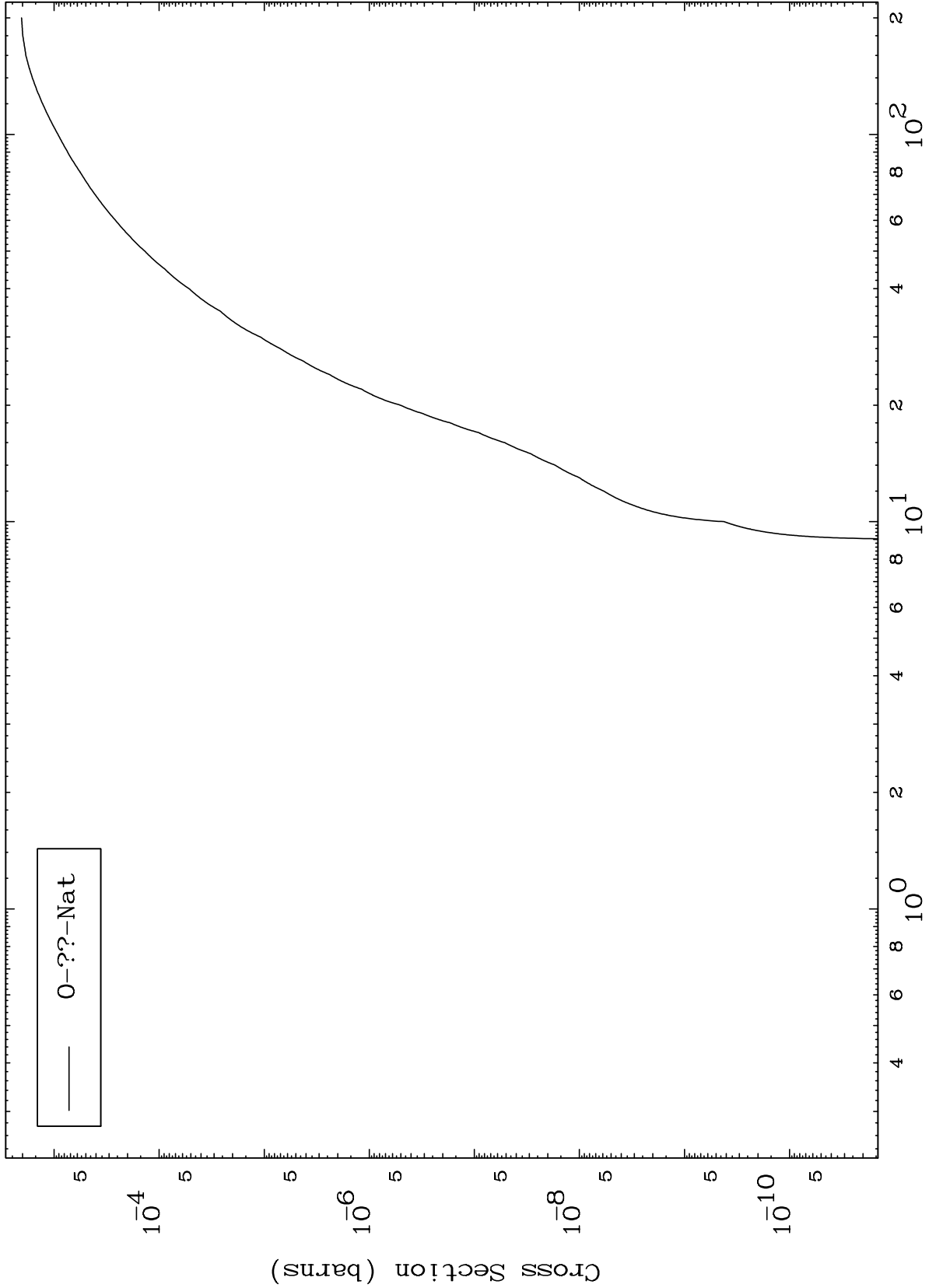
Incident Energy (MeV)

75-Re-189

MAT 7537

75-Re-189

Proton Fission
Radionuclide Production Cross Section

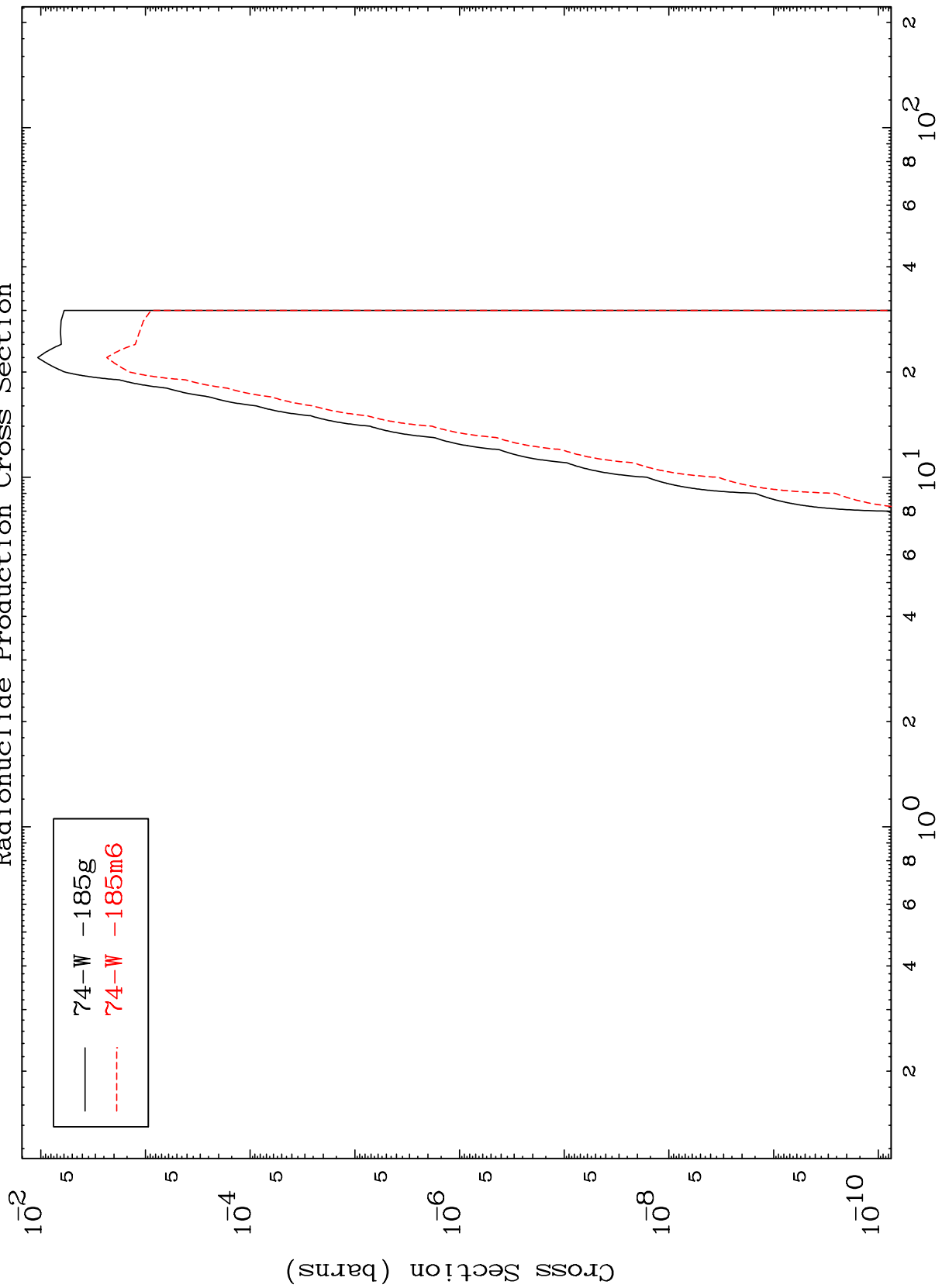


MAT 7537

(p,n') α

75-Re-189

Radionuclide Production Cross Section



74-W -185g
74-W -185m6

15

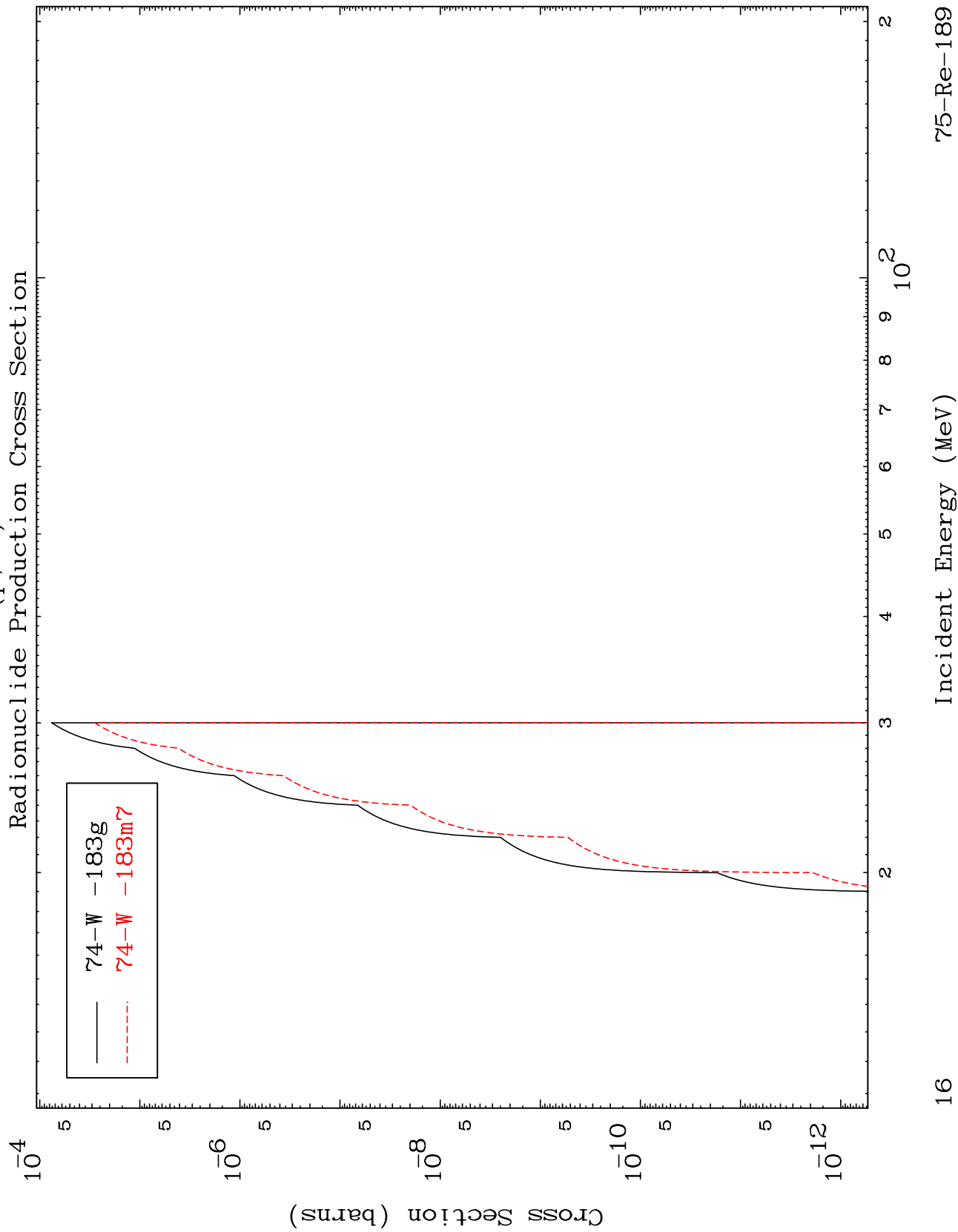
Incident Energy (MeV)

75-Re-189

MAT 7537

(p,3n) α

75-Re-189



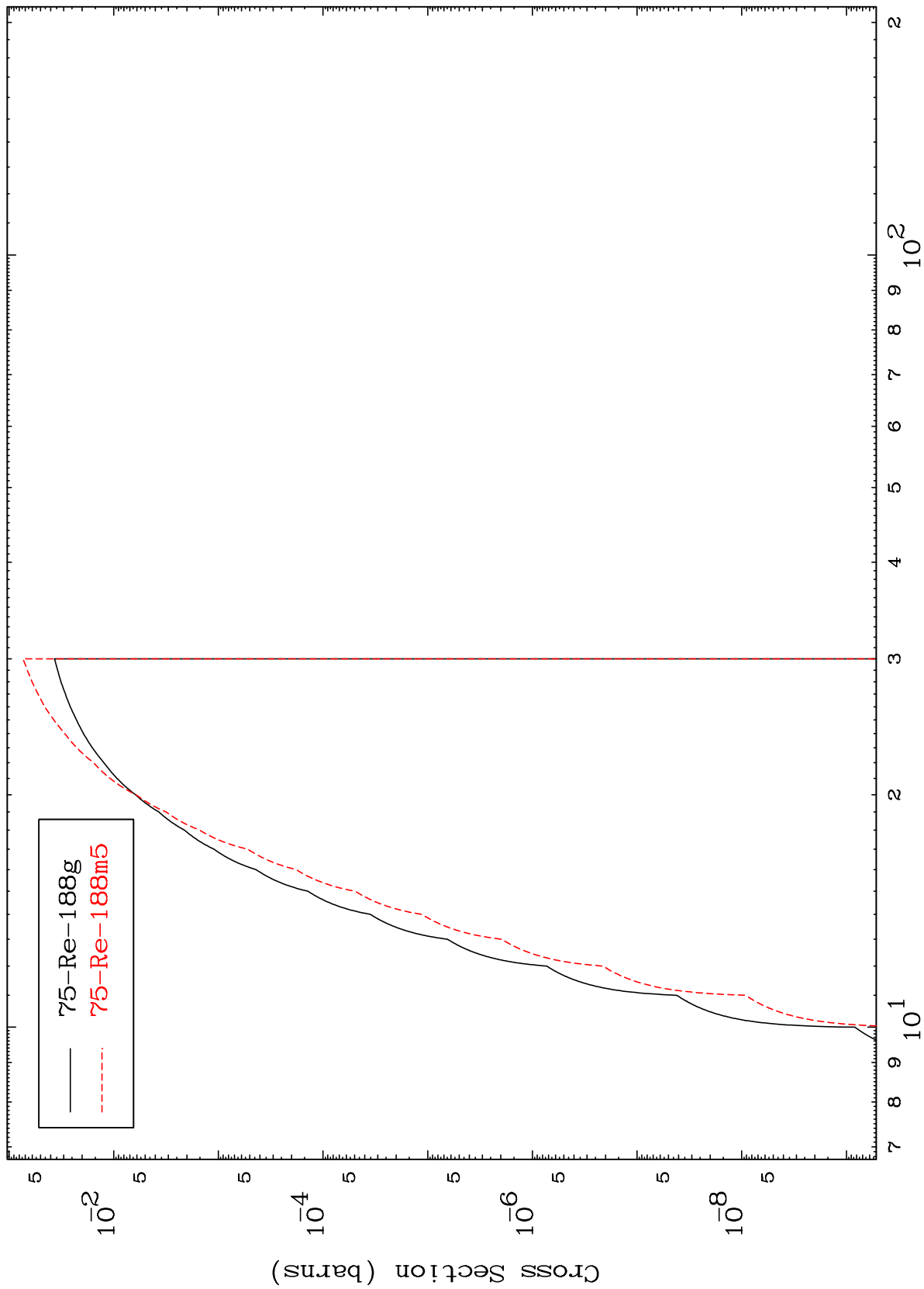
16

MAT 7537

(p,n') p

⁷⁵Re-189

Radionuclide Production Cross Section



17

Incident Energy (MeV)

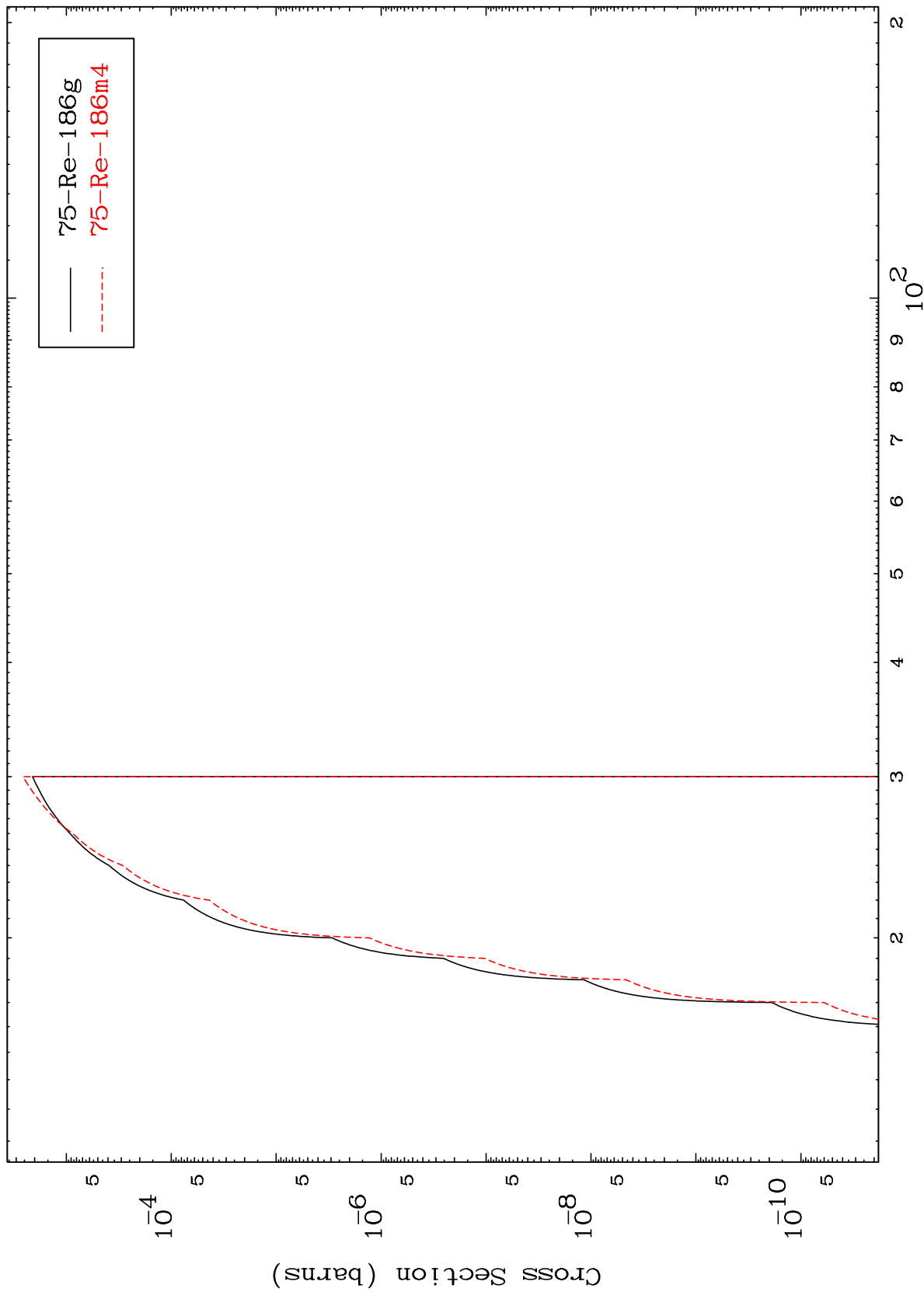
⁷⁵Re-189

MAT 7537

(p,n') t

75-Re-189

Radionuclide Production Cross Section



18

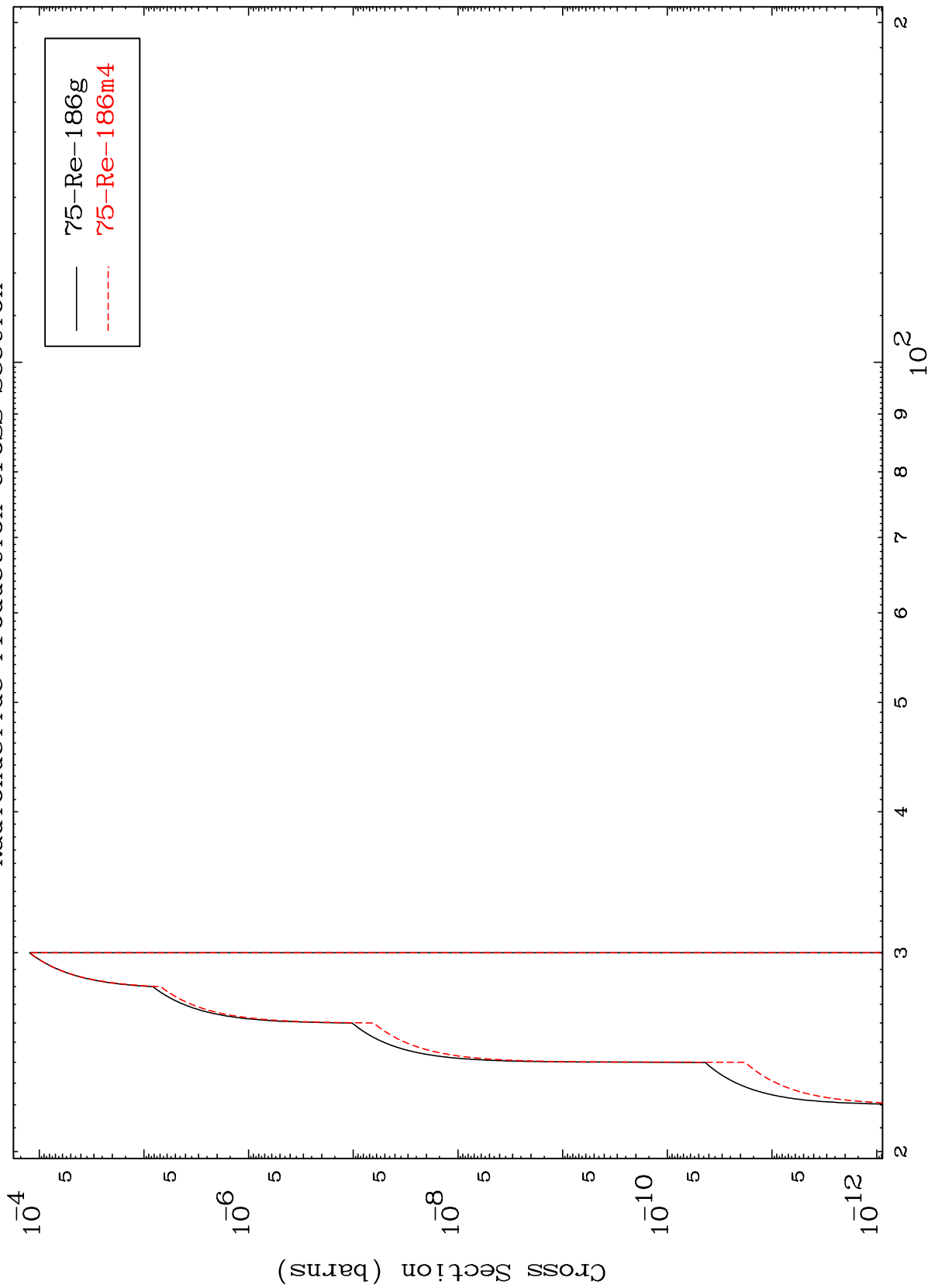
Incident Energy (MeV)

75-Re-189

MAT 7537

75-Re-189

(p,3n) p
Radionuclide Production Cross Section



19

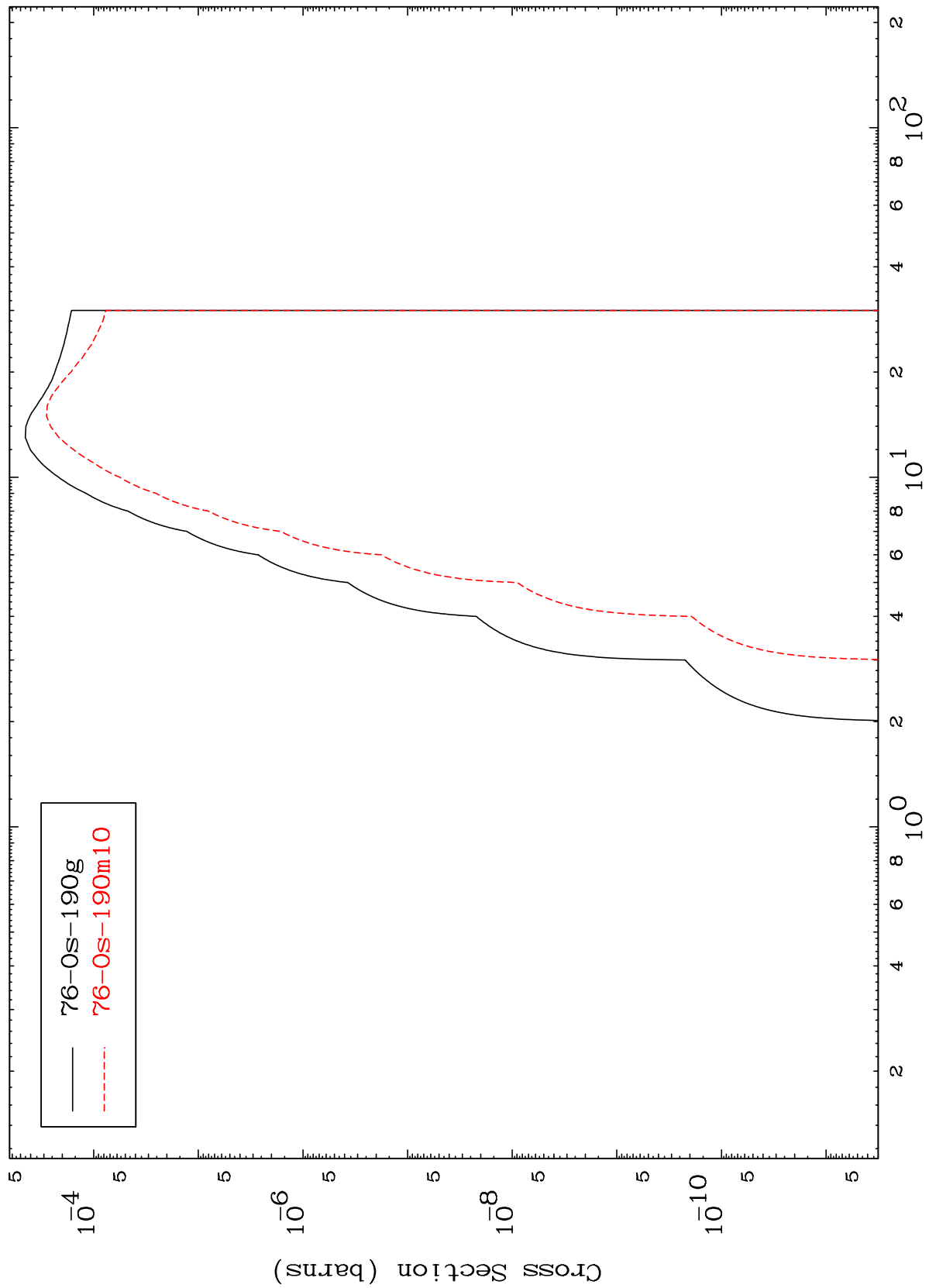
75-Re-189

Incident Energy (MeV)

MAT 7537

75-Re-189

(p, γ)
Radionuclide Production Cross Section



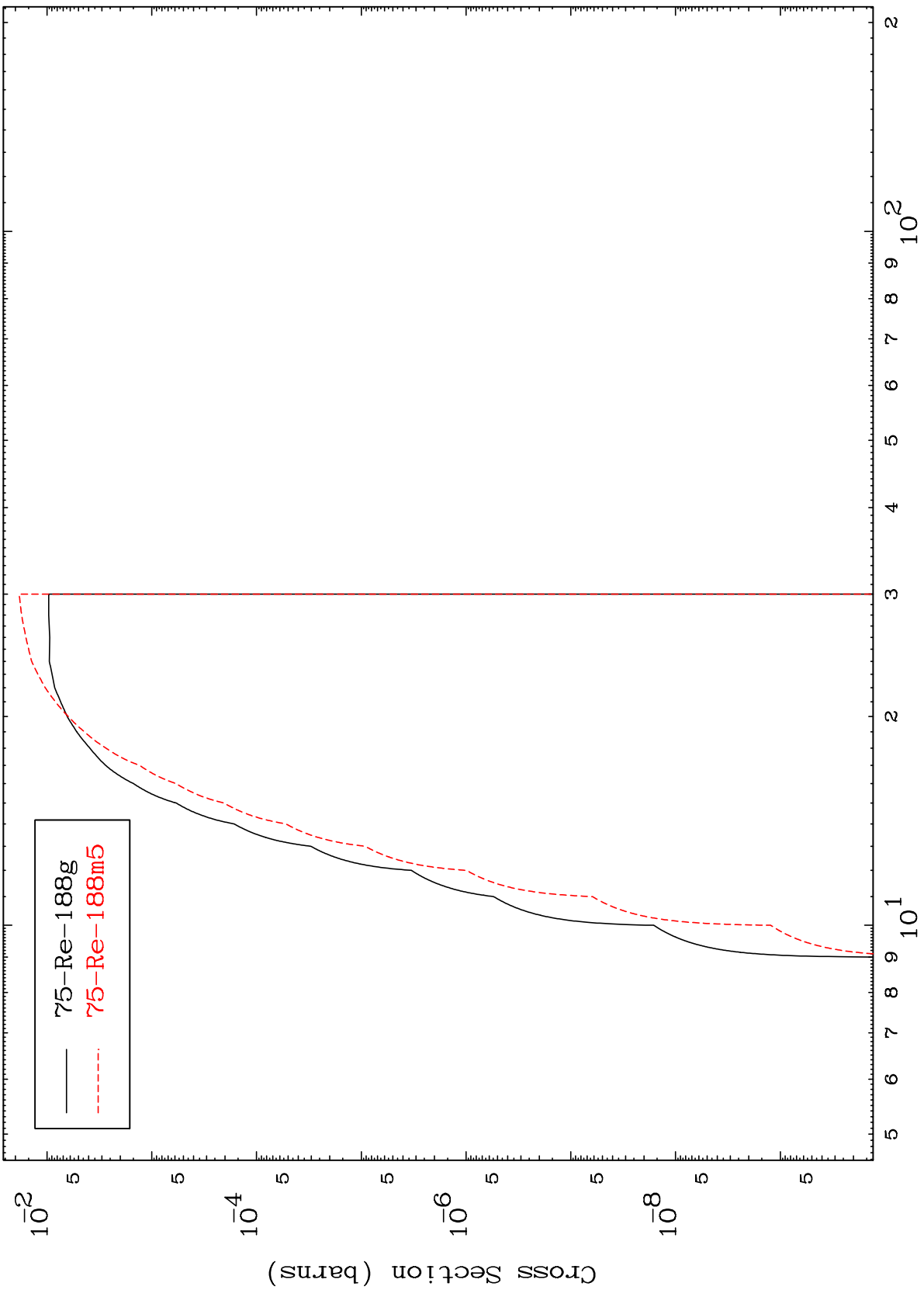
20

75-Re-189

MAT 7537

75-Re-189

(p,d)
Radionuclide Production Cross Section



21

Incident Energy (MeV)

75-Re-189