

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

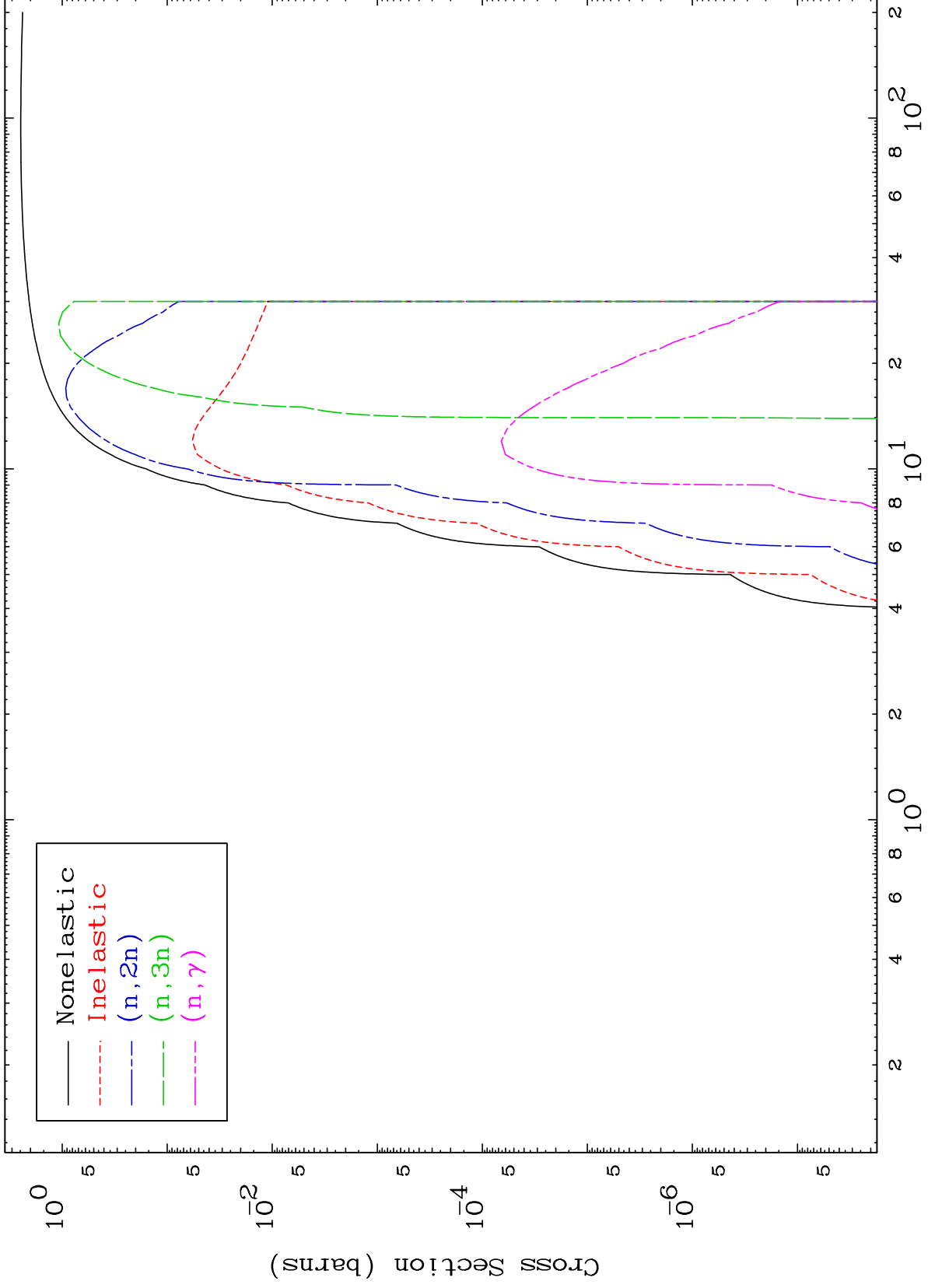
Press Mouse Button to Start

MAT 7701

Triton Major

77-Ir-183

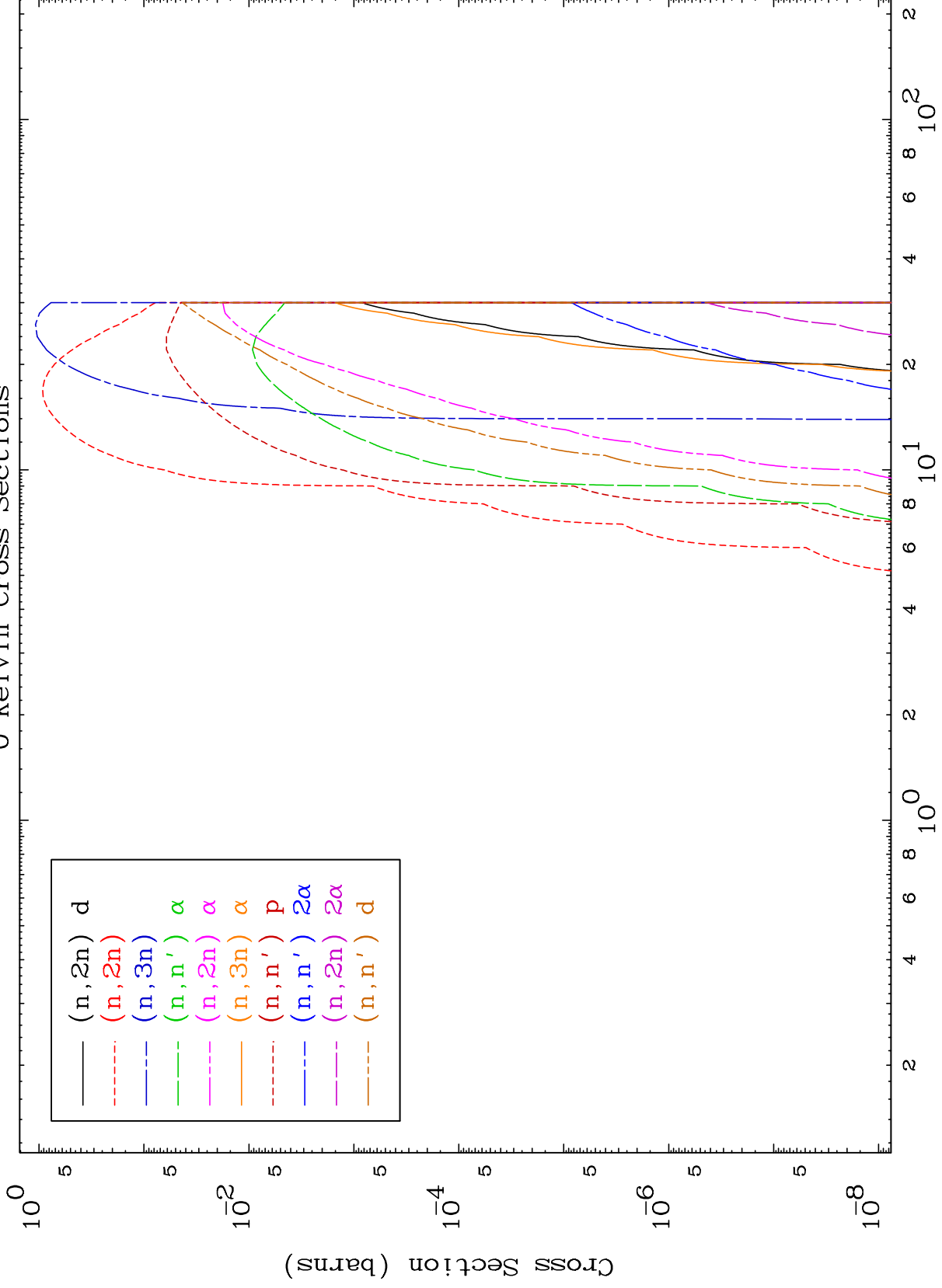
0 Kelvin Cross Sections

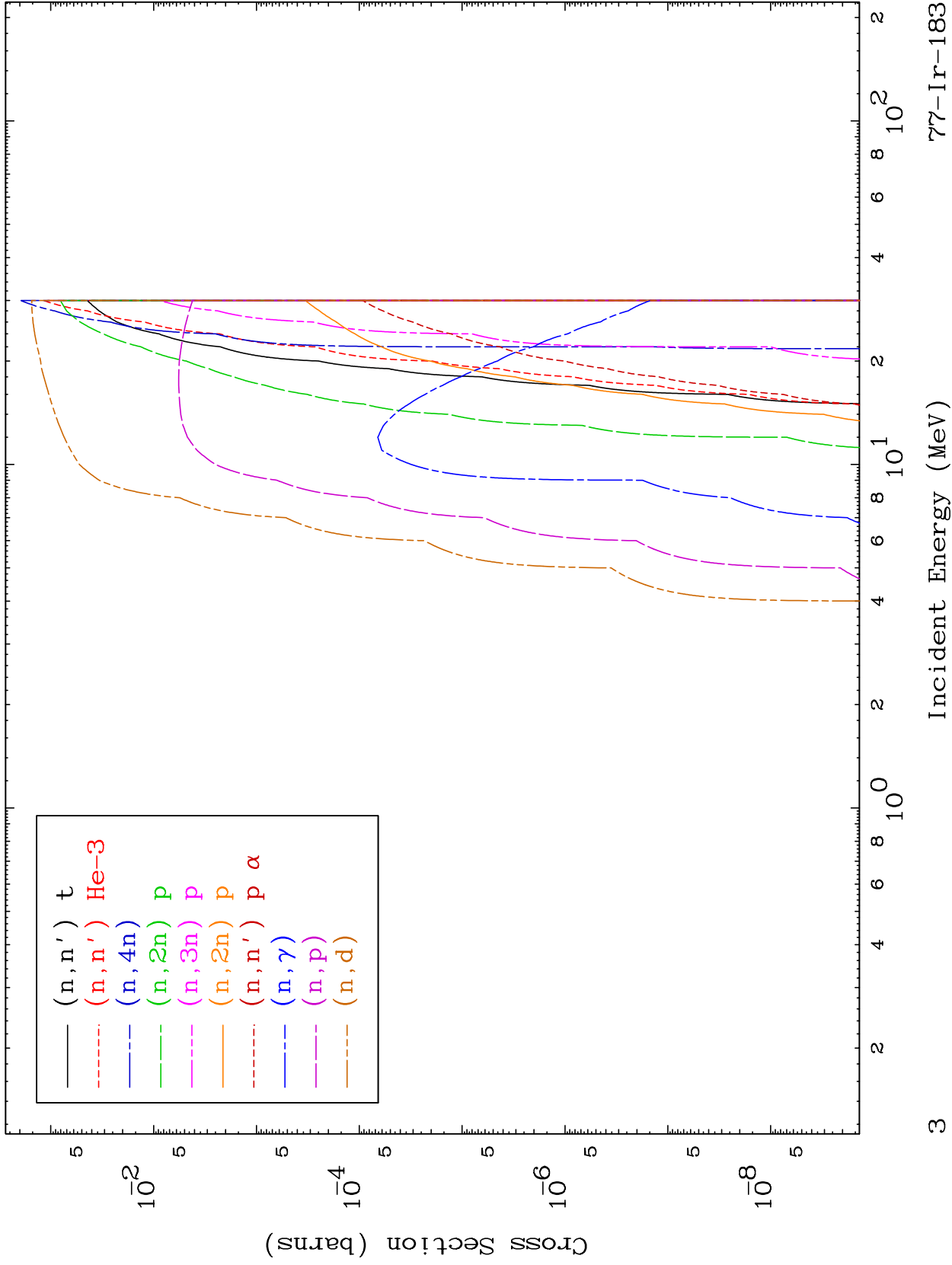


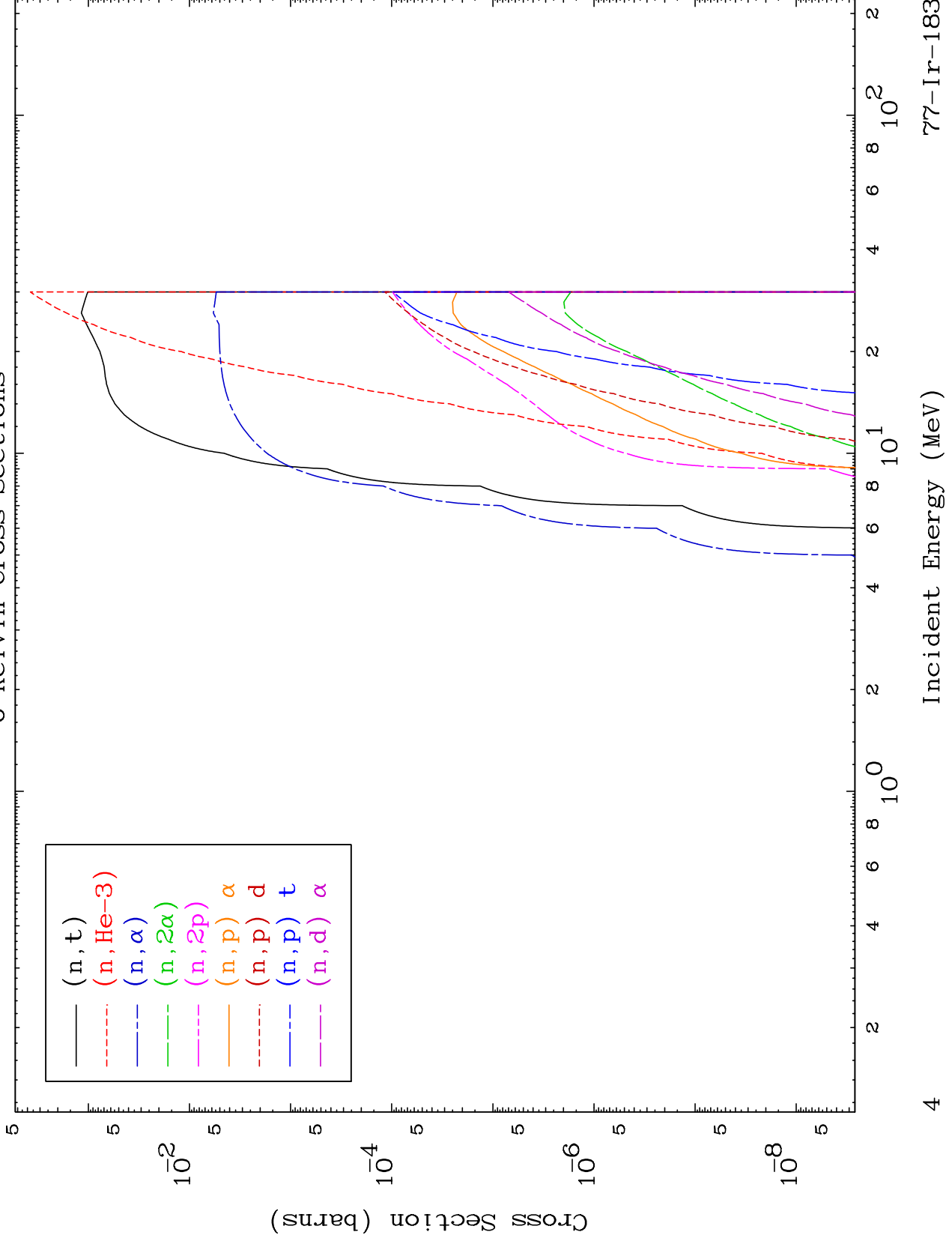
MAT 7701

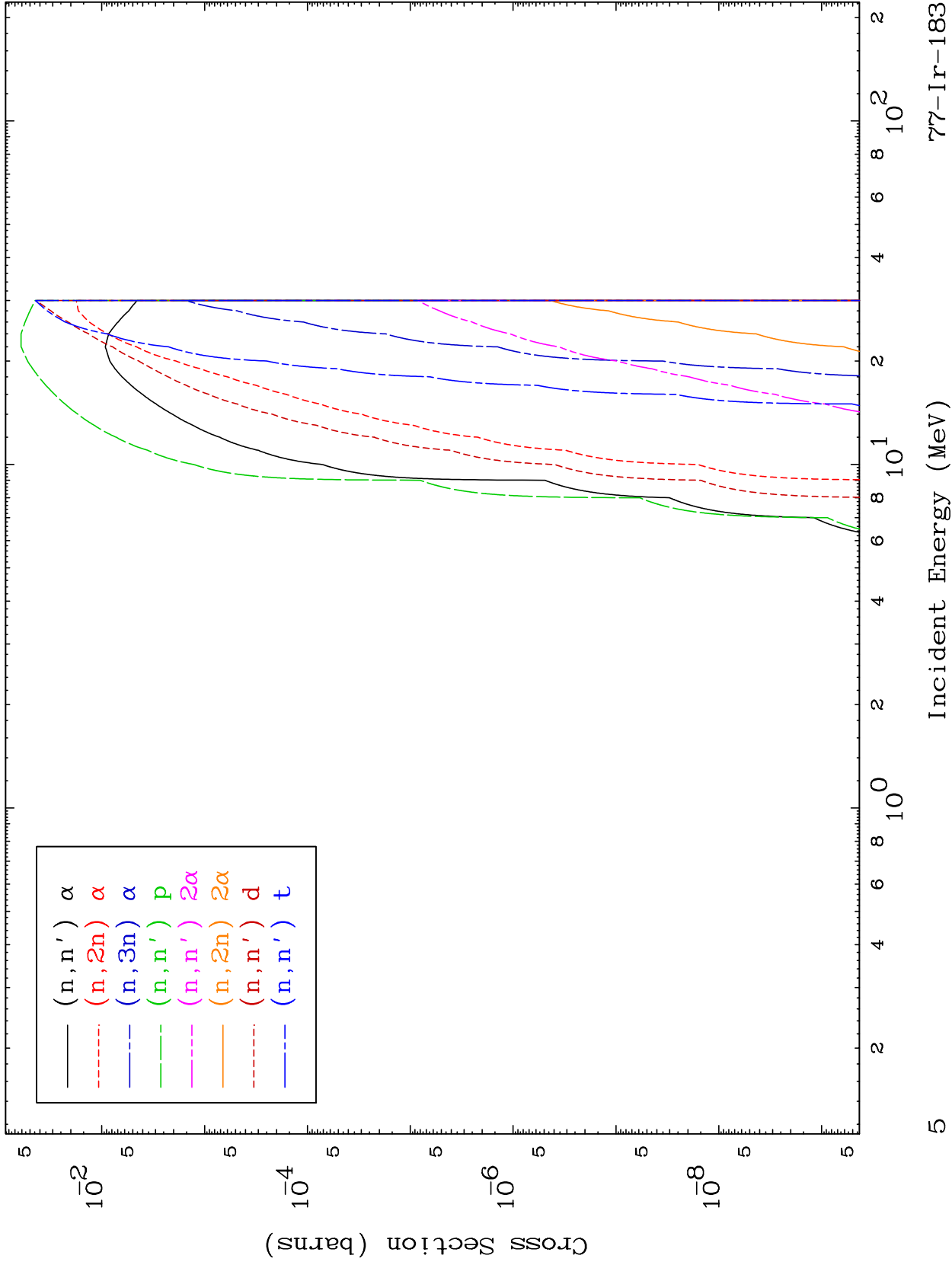
Triton Neutron Absorption
0 Kelvin Cross Sections

77-Ir-183





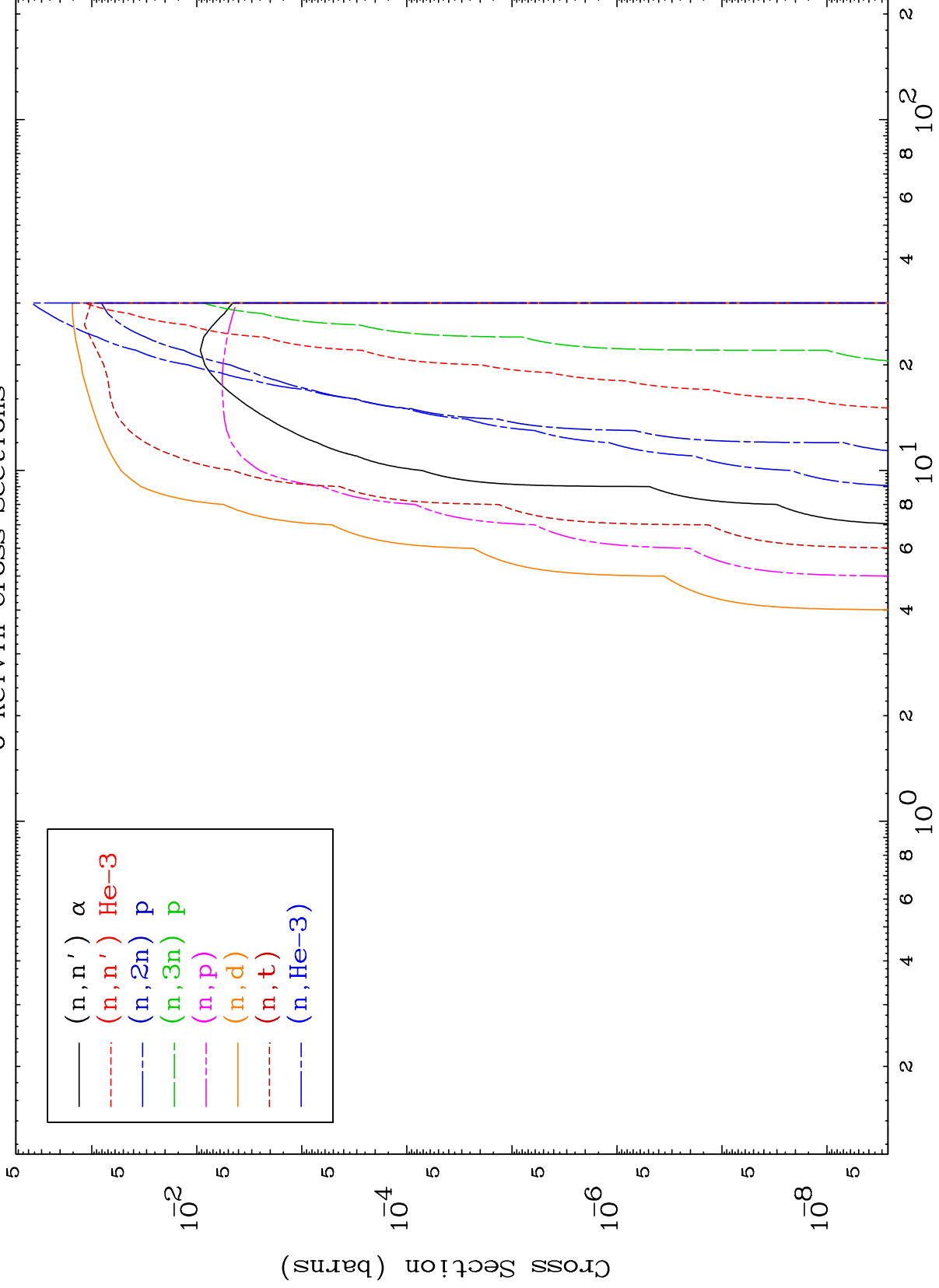




MAT 7701

Triton Charged Particle
0 Kelvin Cross Sections

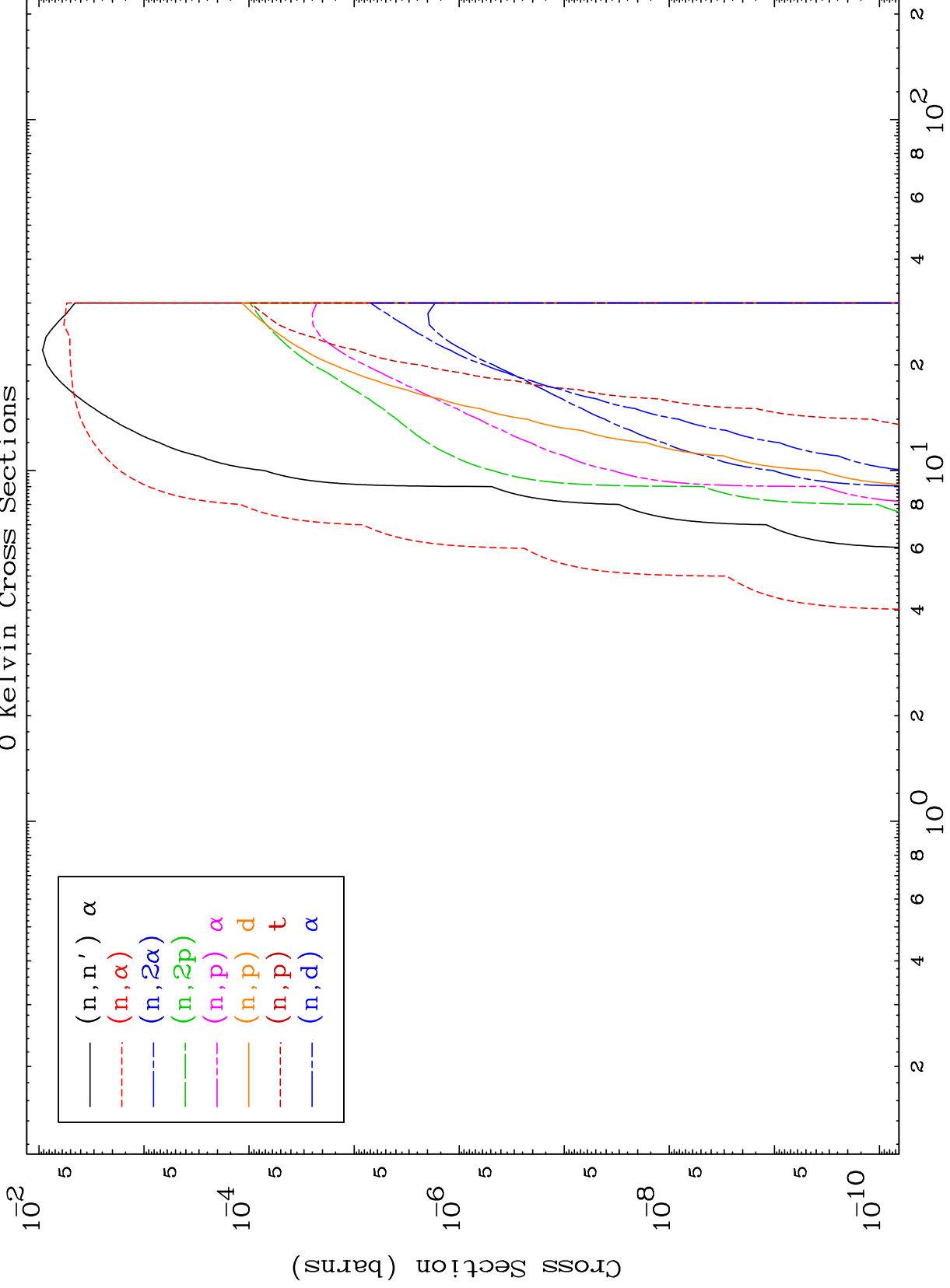
77-Ir-183



MAT 7701

Triton Charged Particle
0 Kelvin Cross Sections

77-Ir-183

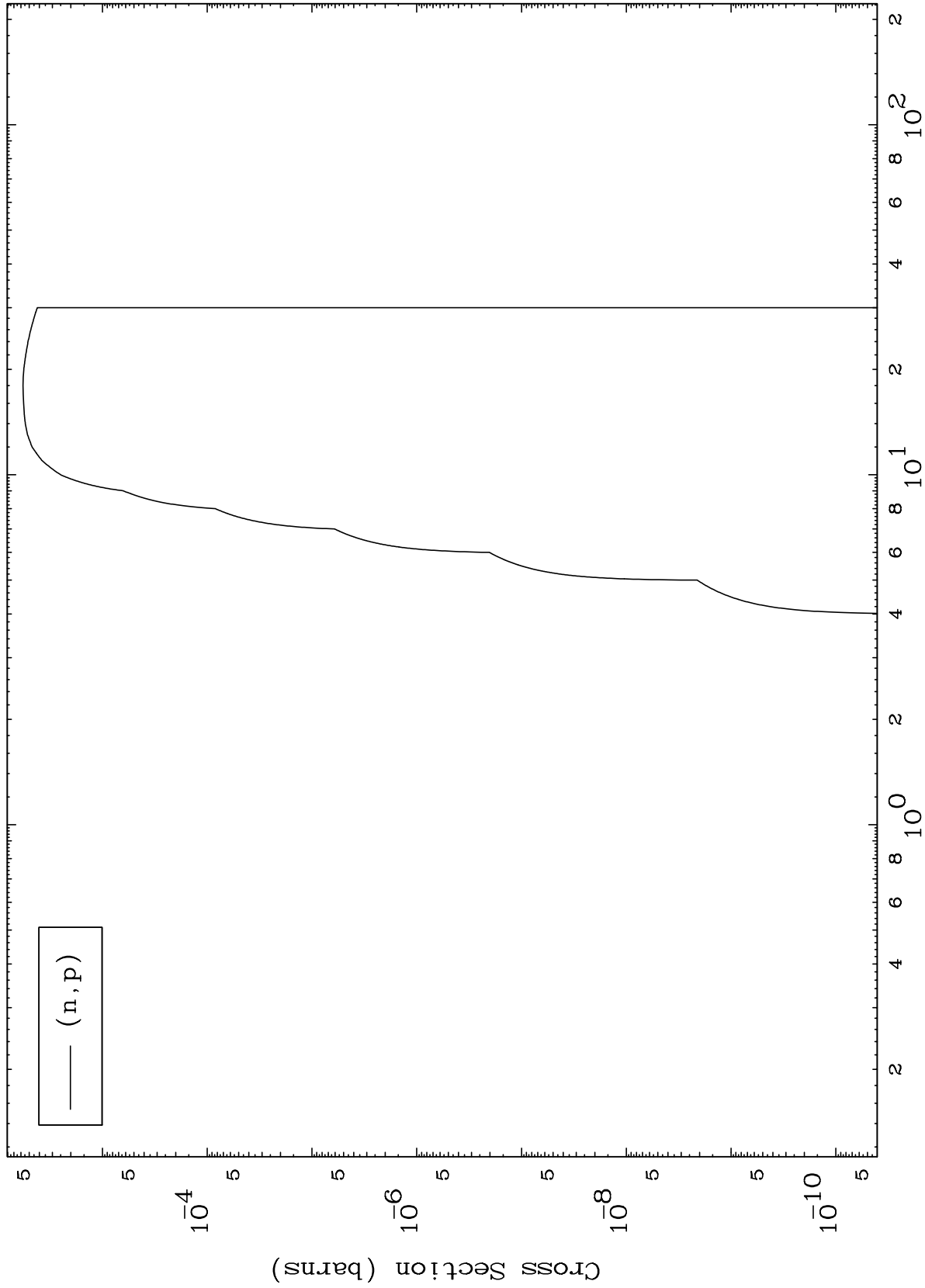


MAT 7701

(t,p) Levels

77-Ir-183

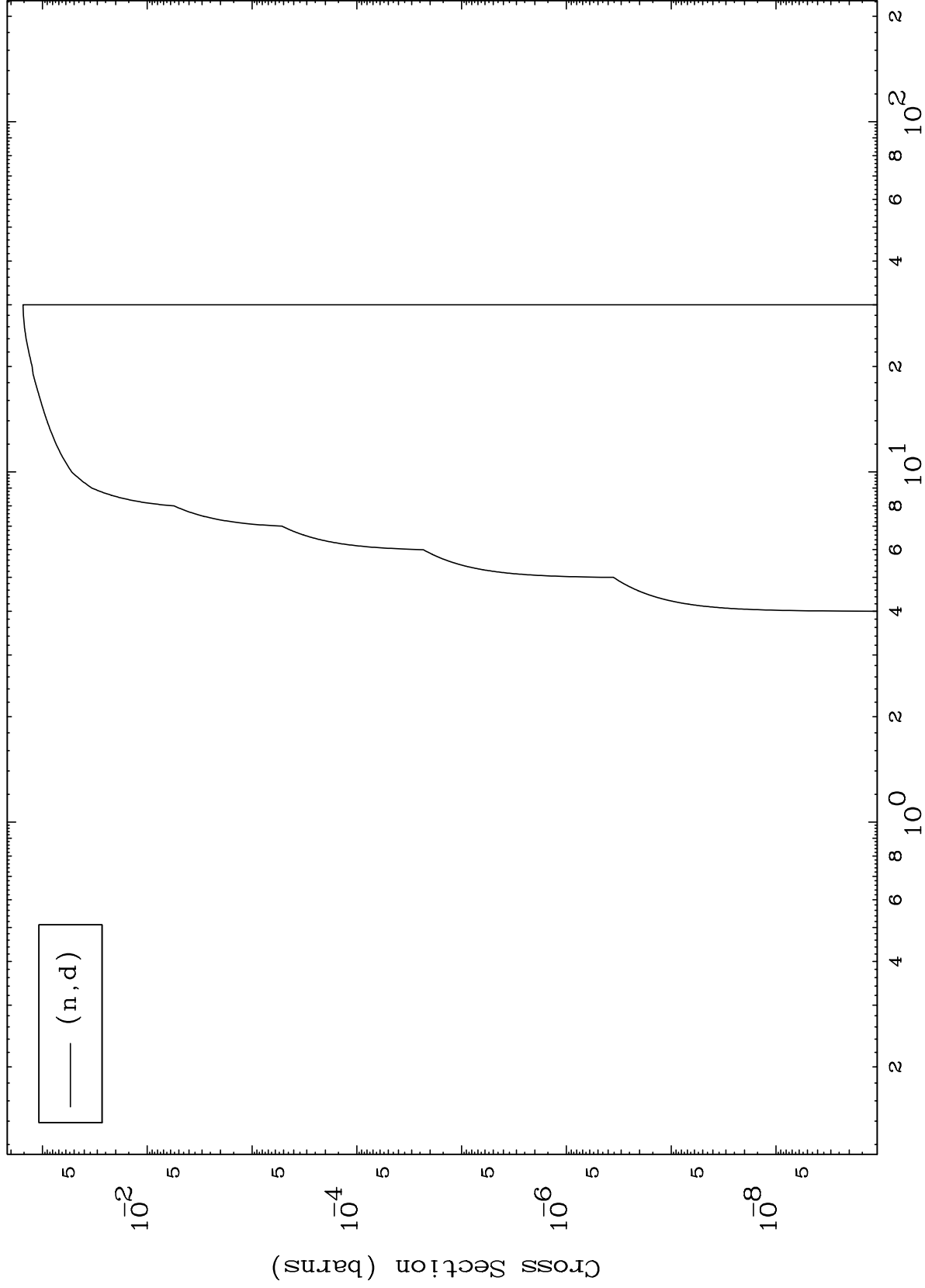
0 Kelvin Cross Sections



MAT 7701

(t,d) Levels
0 Kelvin Cross Sections

⁷⁷Ir-183

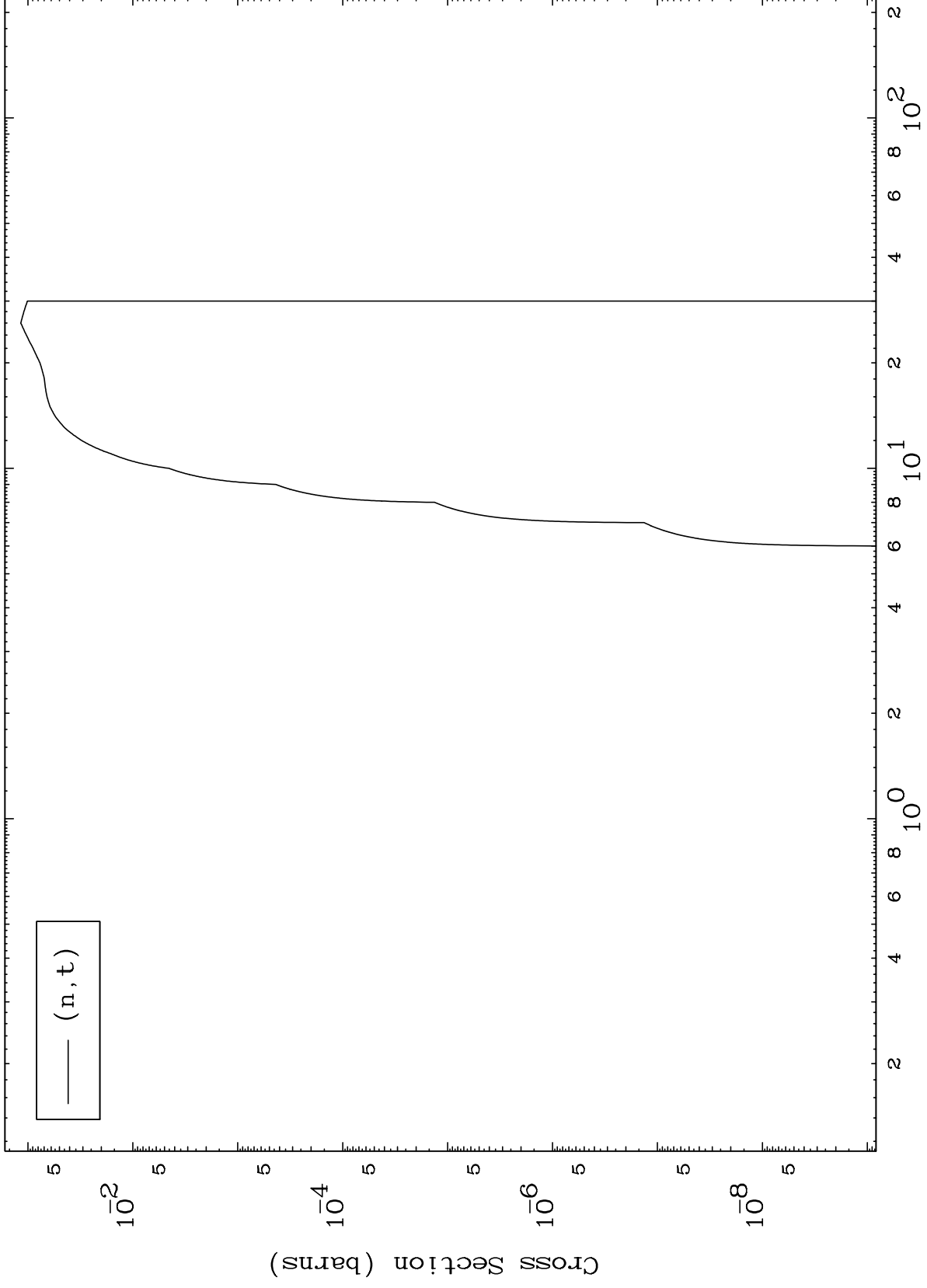


MAT 7701

(t, t) Levels

77-Ir-183

0 Kelvin Cross Sections



10

Incident Energy (MeV)

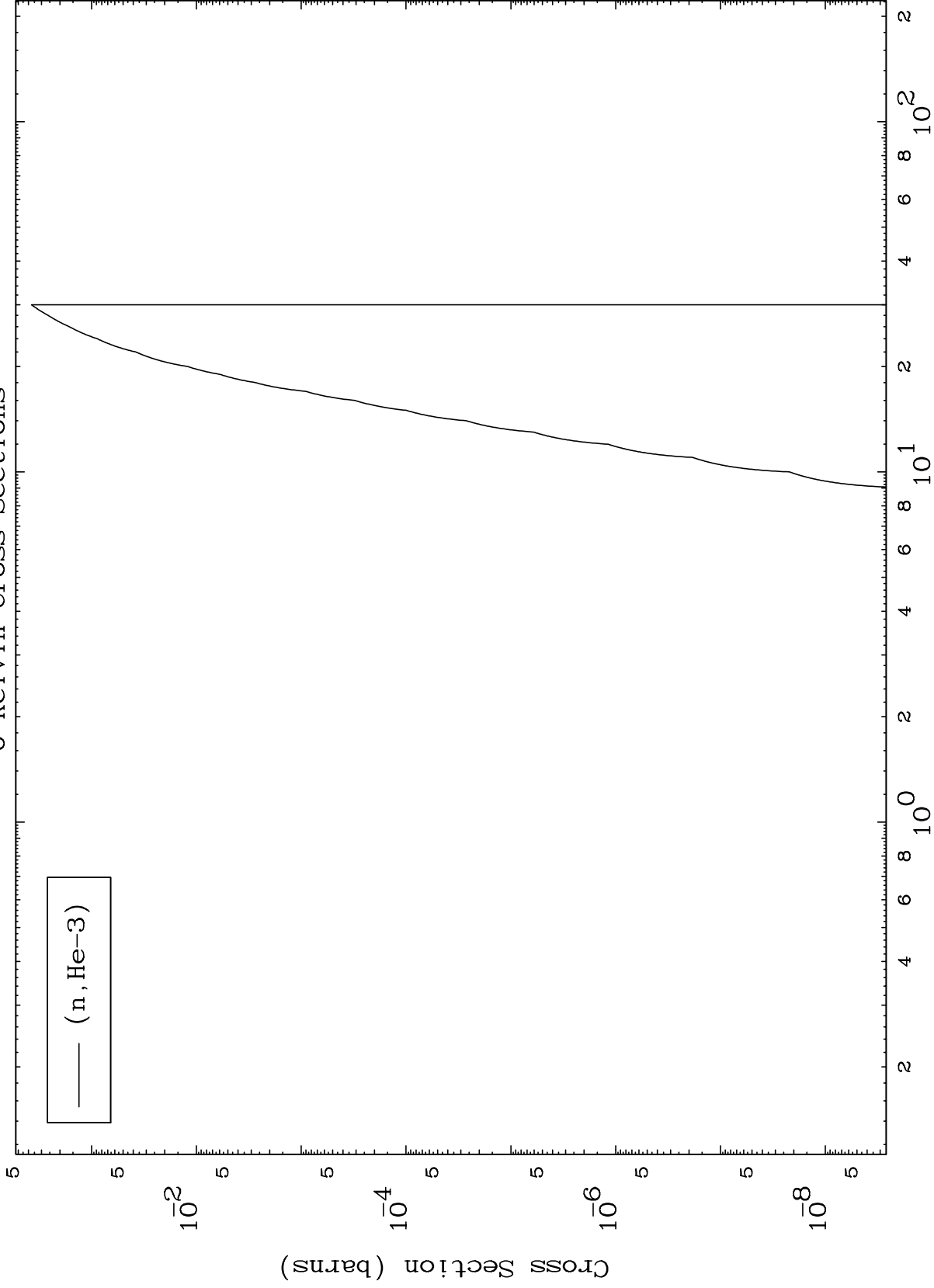
77-Ir-183

MAT 7701

(t,He3) Levels

77-Ir-183

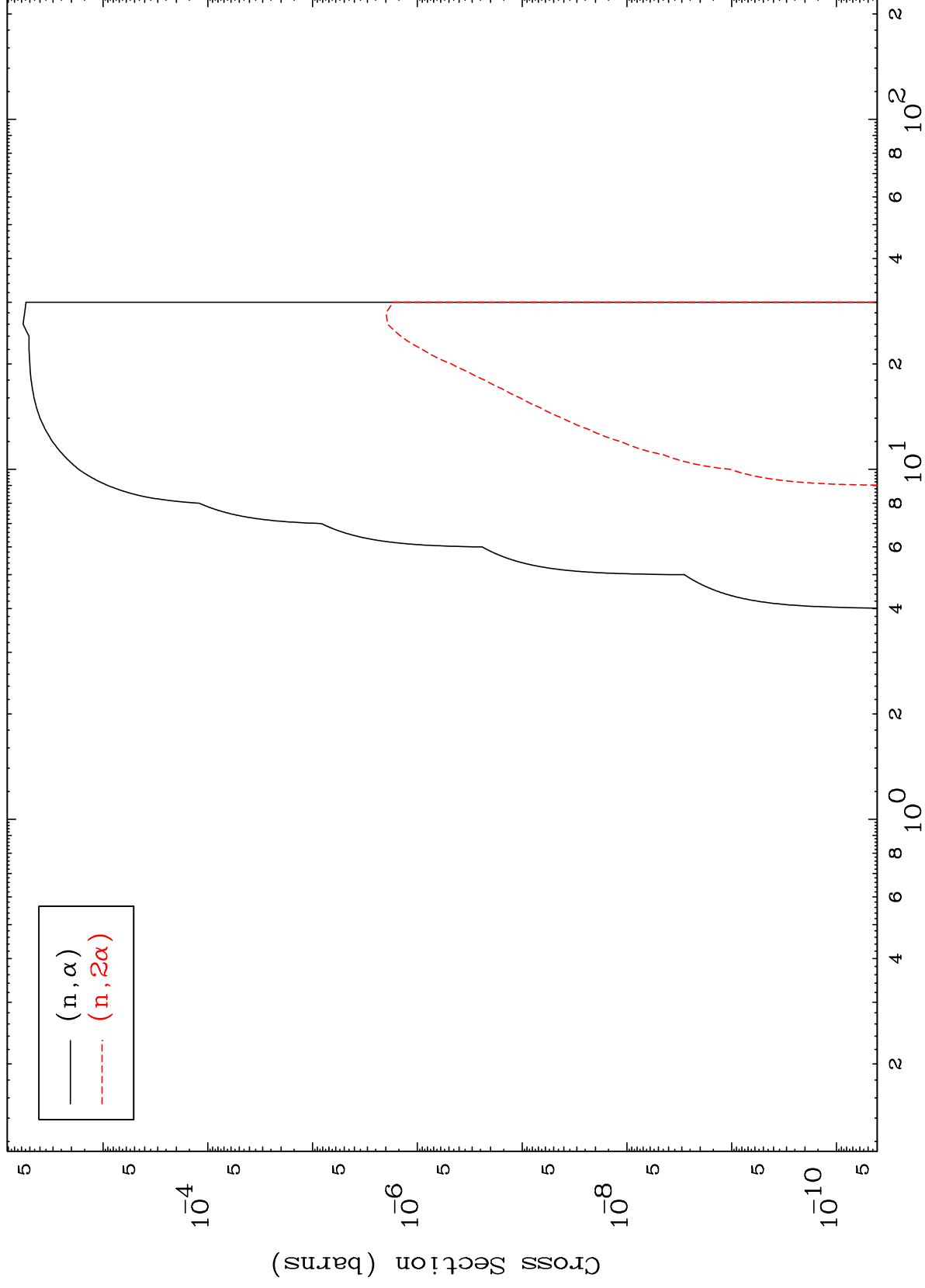
0 Kelvin Cross Sections



MAT 7701

(t, α) Levels
0 Kelvin Cross Sections

77-Ir-183



12

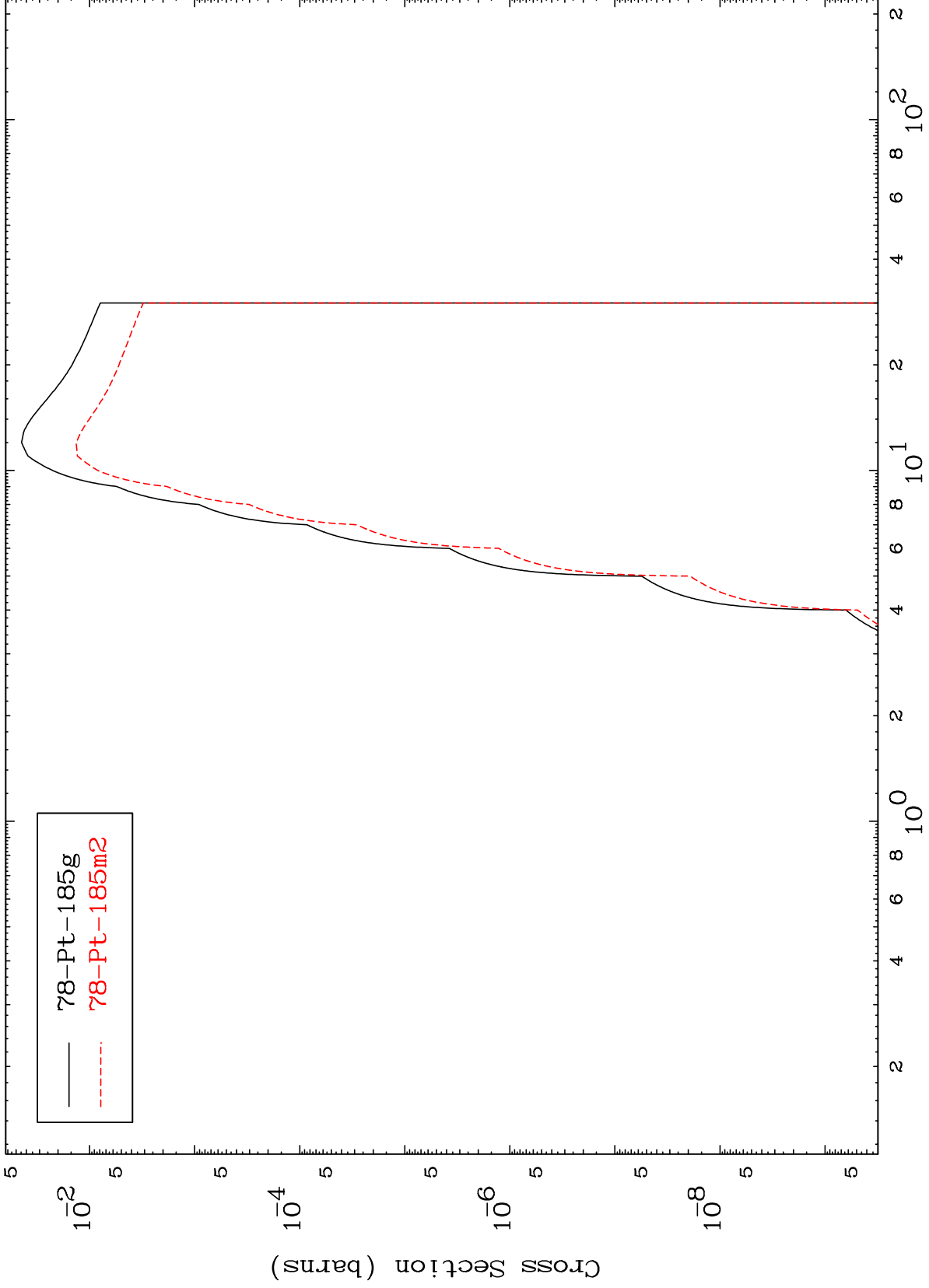
Incident Energy (MeV)

77-Ir-183

MAT 7701

77-Ir-183

Inelastic
Radionuclide Production Cross Section



78-Pt-185g
78-Pt-185m2

77-Ir-183

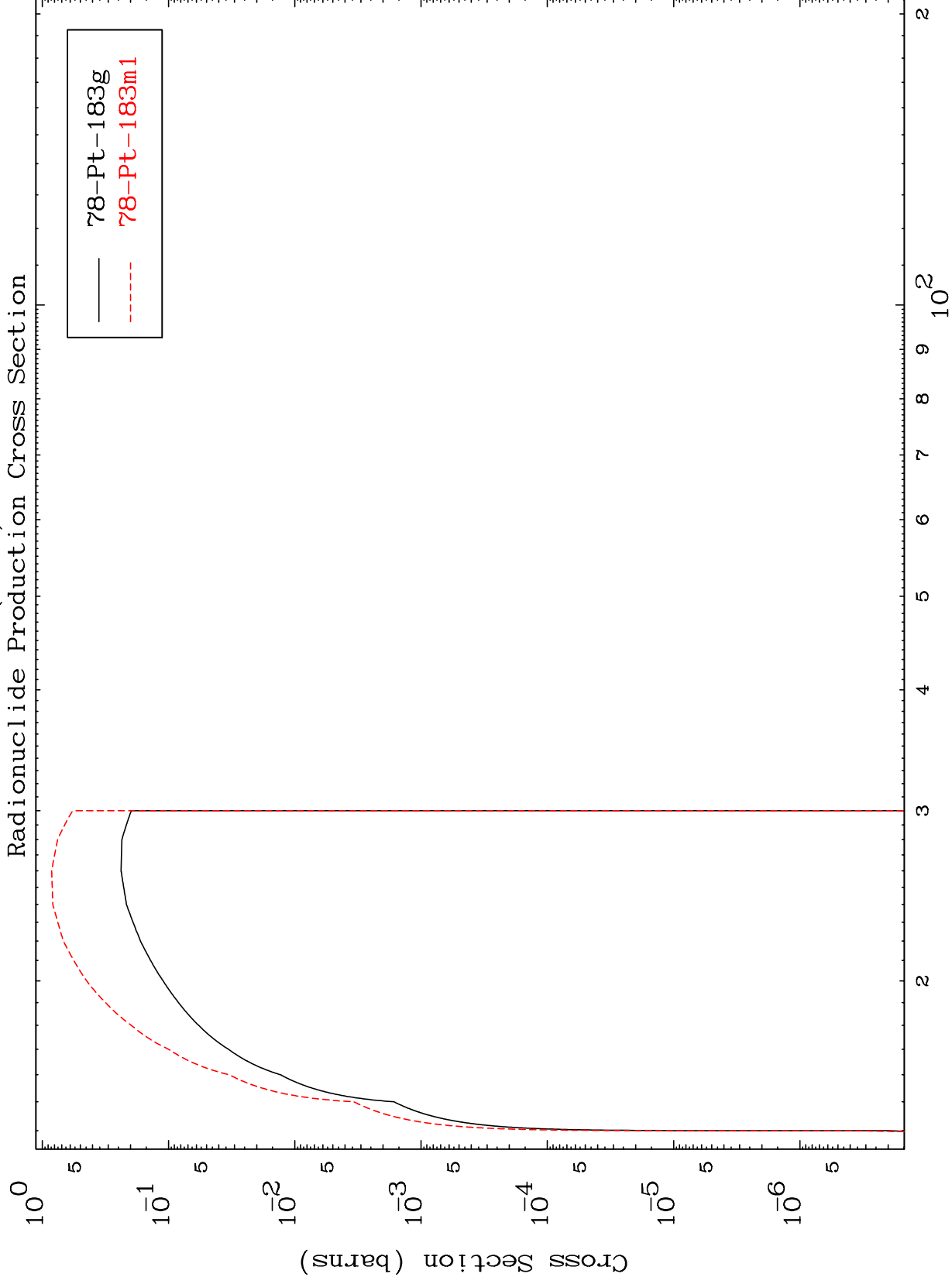
Incident Energy (MeV)

13

MAT 7701

77-Ir-183

(n,3n)
Radionuclide Production Cross Section



14

Incident Energy (MeV)

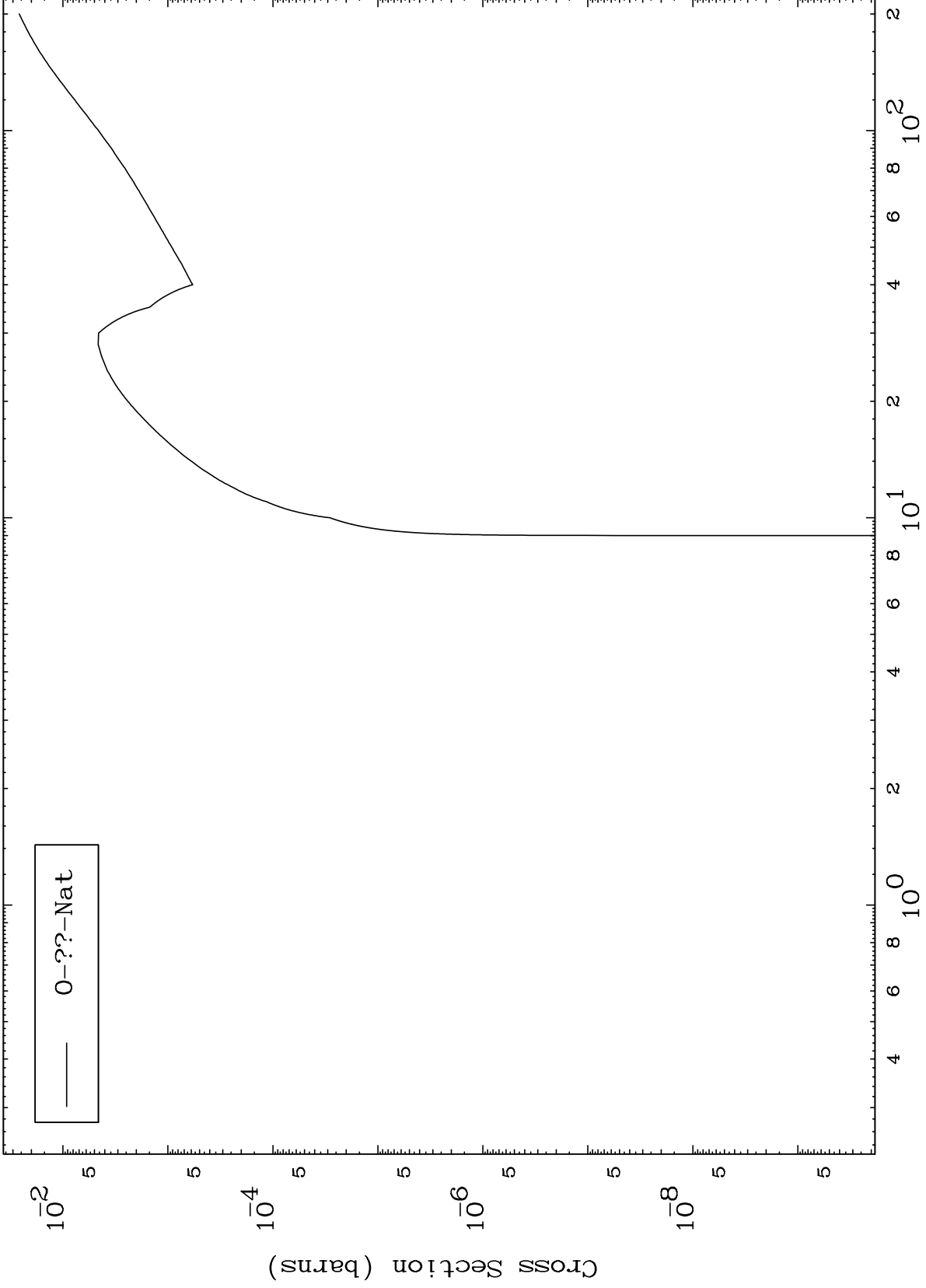
77-Ir-183

MAT 7701

Fission

⁷⁷Ir-183

Radionuclide Production Cross Section



15

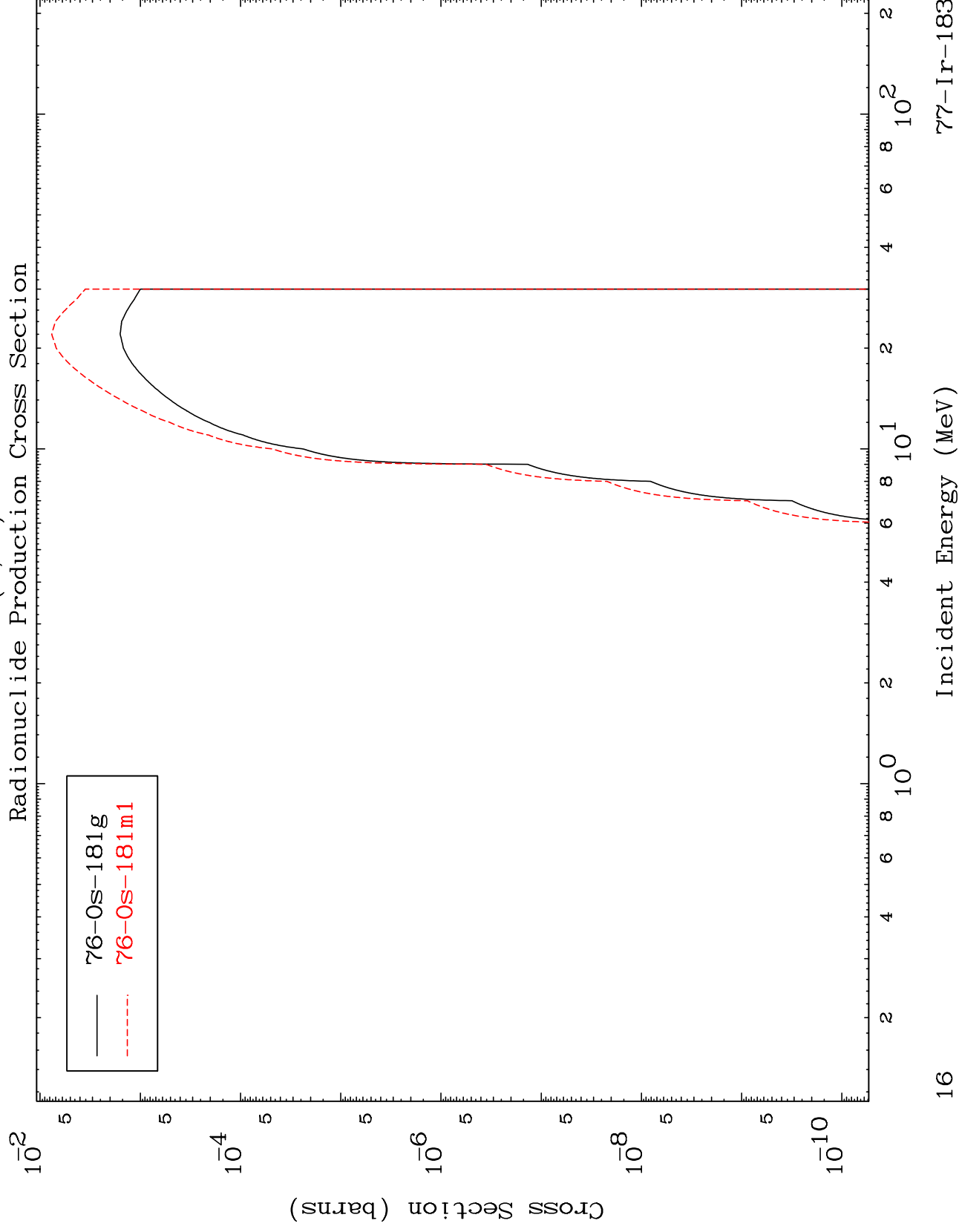
Incident Energy (MeV)

⁷⁷Ir-183

MAT 7701

$(n, n') \alpha$

$^{77}\text{Ir-183}$



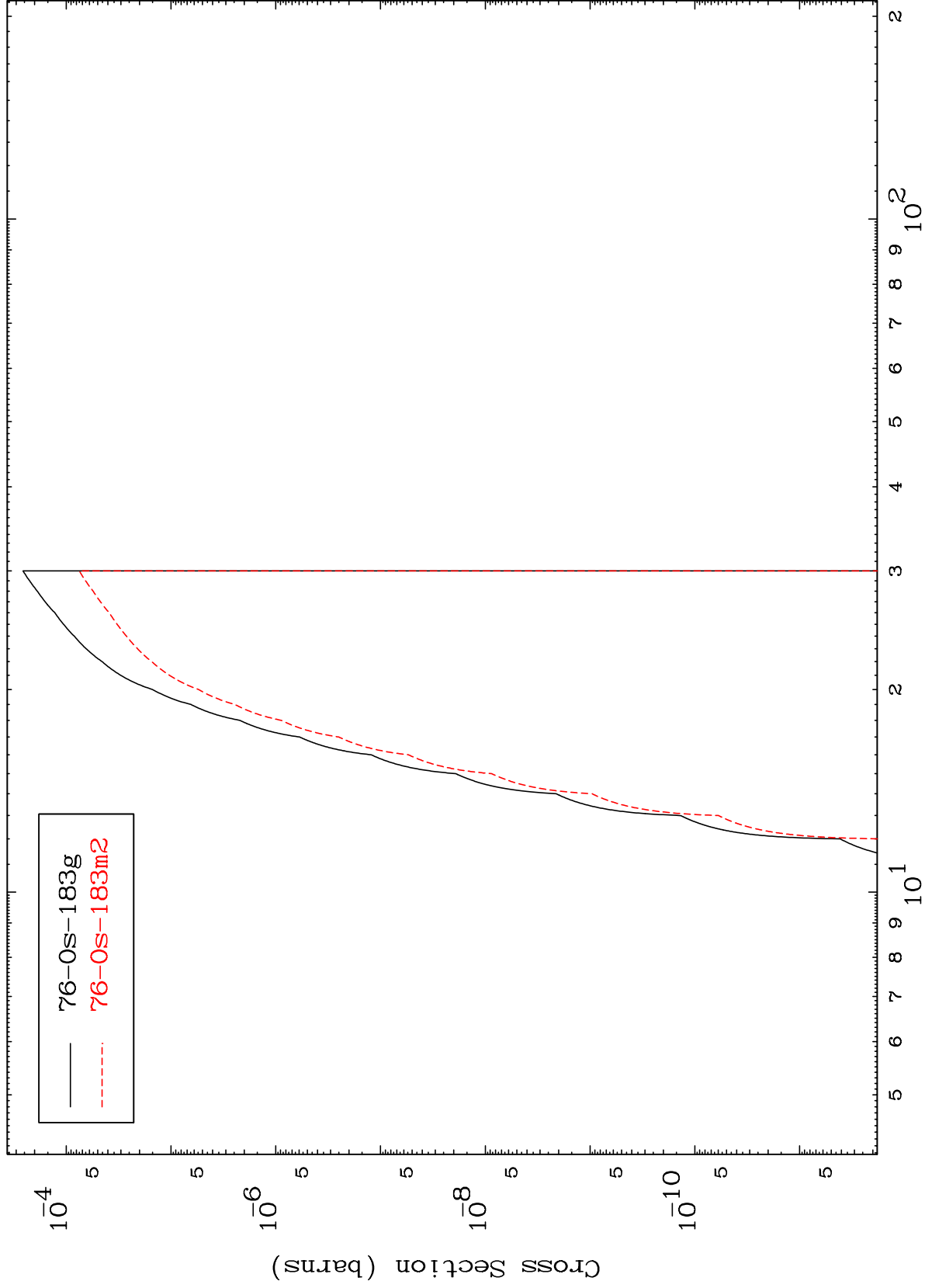
16

MAT 7701

$(n,2n)$ p

$^{77}\text{Ir-183}$

Radionuclide Production Cross Section



17

Incident Energy (MeV)

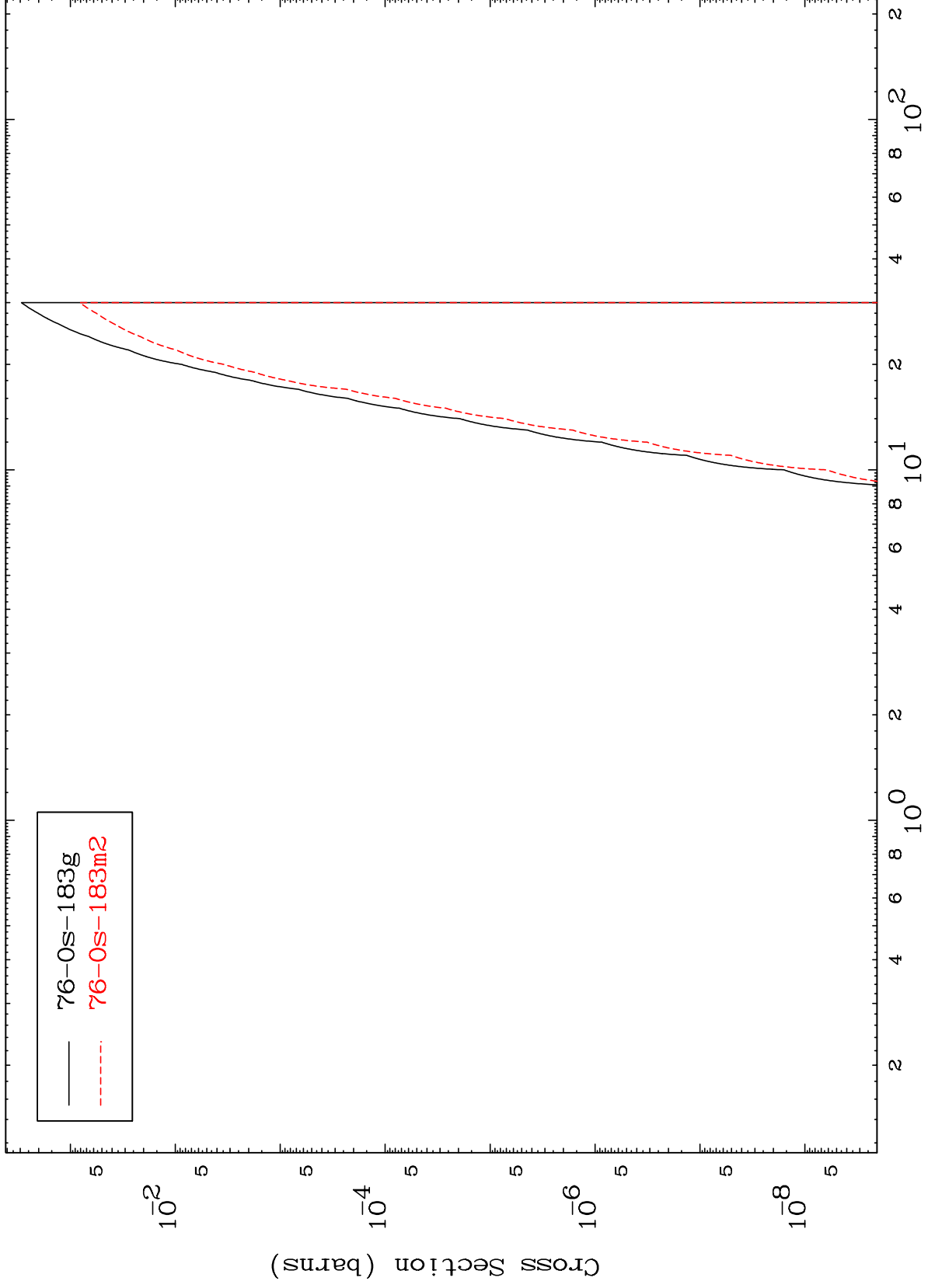
$^{77}\text{Ir-183}$

MAT 7701

(n,He-3)

⁷⁷Ir-183

Radionuclide Production Cross Section



18

Incident Energy (MeV)

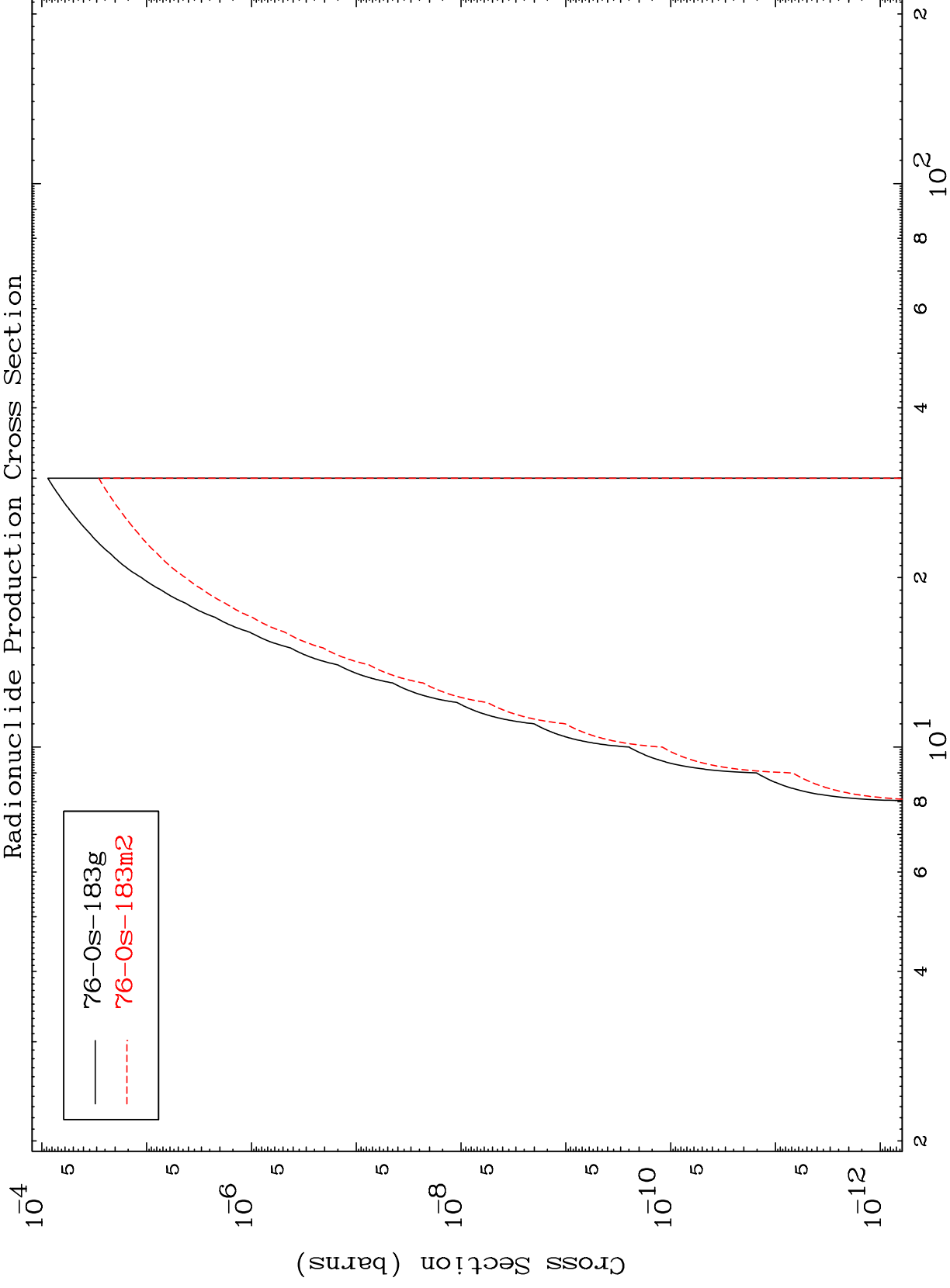
⁷⁷Ir-183

MAT 7701

(n,p) d

⁷⁷Ir-183

Radionuclide Production Cross Section



19

Incident Energy (MeV)

⁷⁷Ir-183