

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

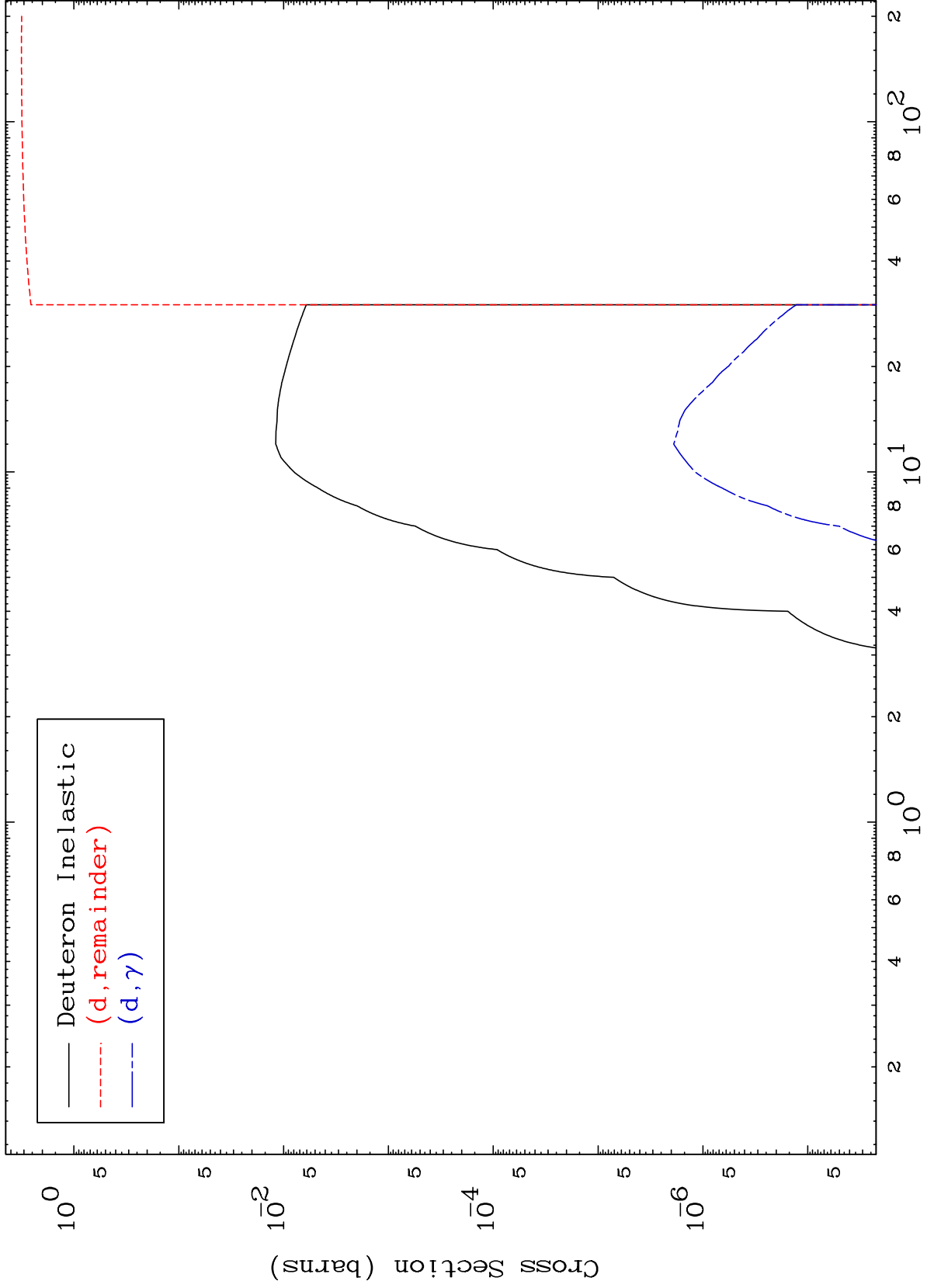
Web:redcullen1.net/HOMEPAGE.NEW

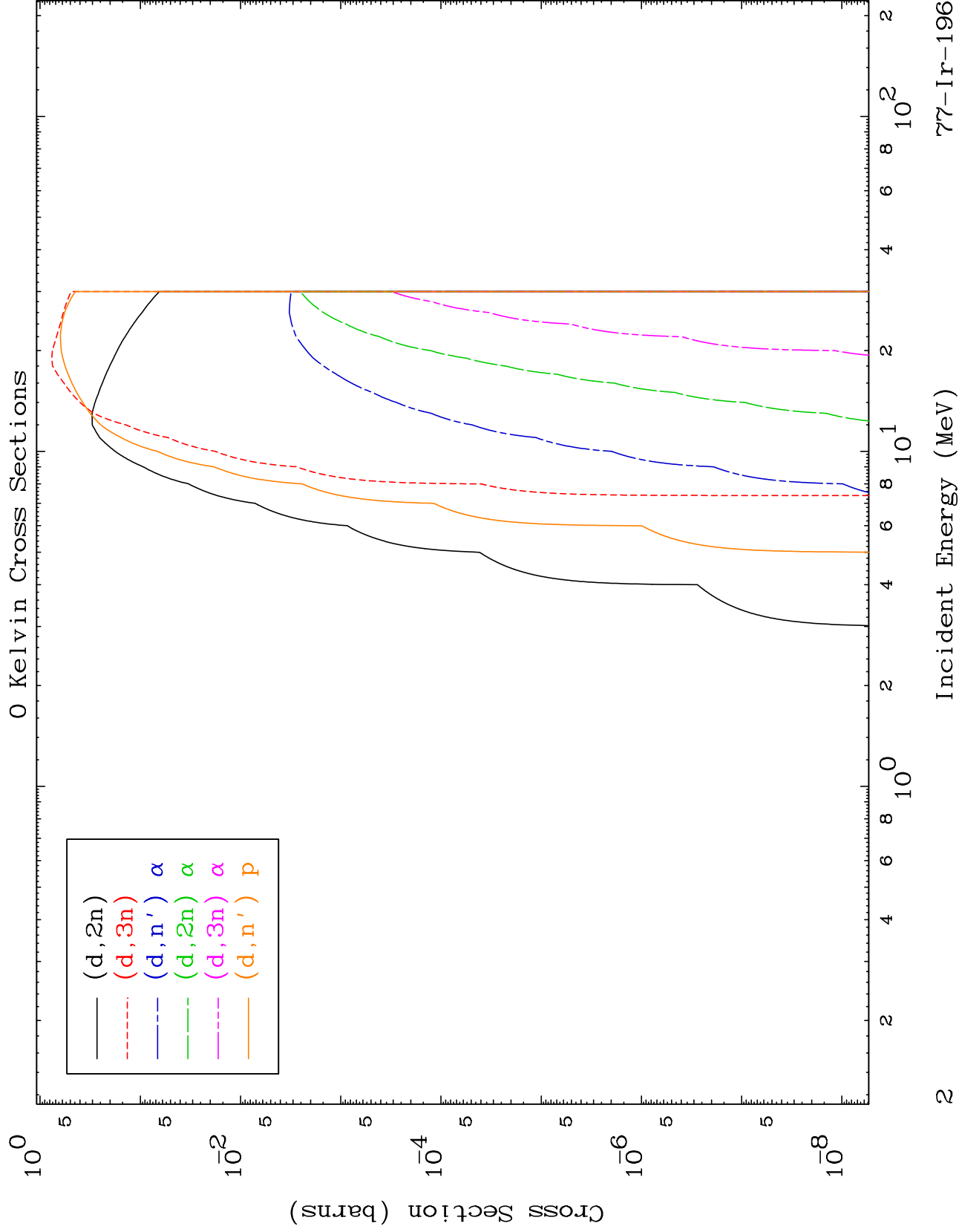
Press Mouse Button to Start

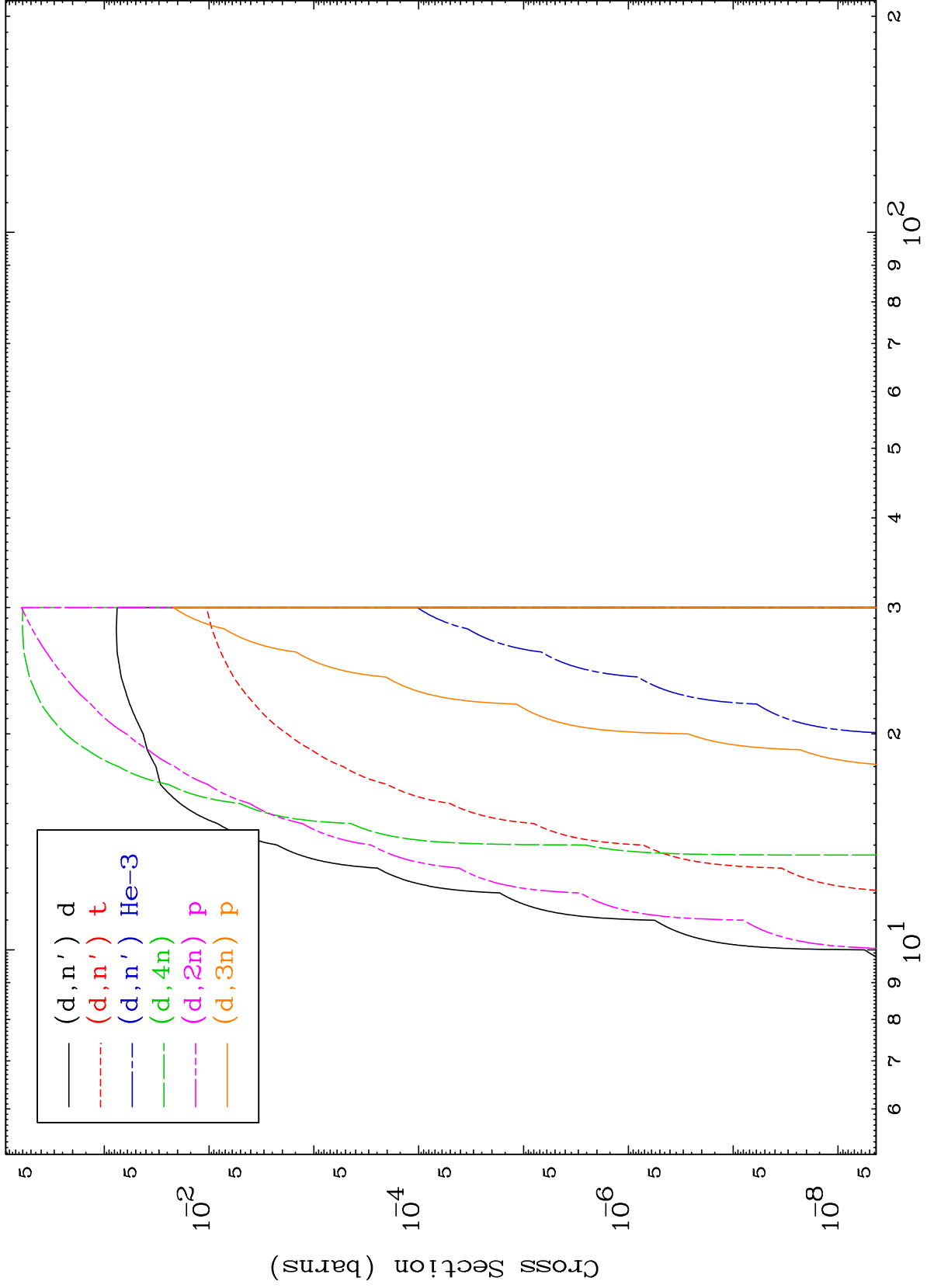
MAT 7741

Deuteron Major
0 Kelvin Cross Sections

77-Ir-196



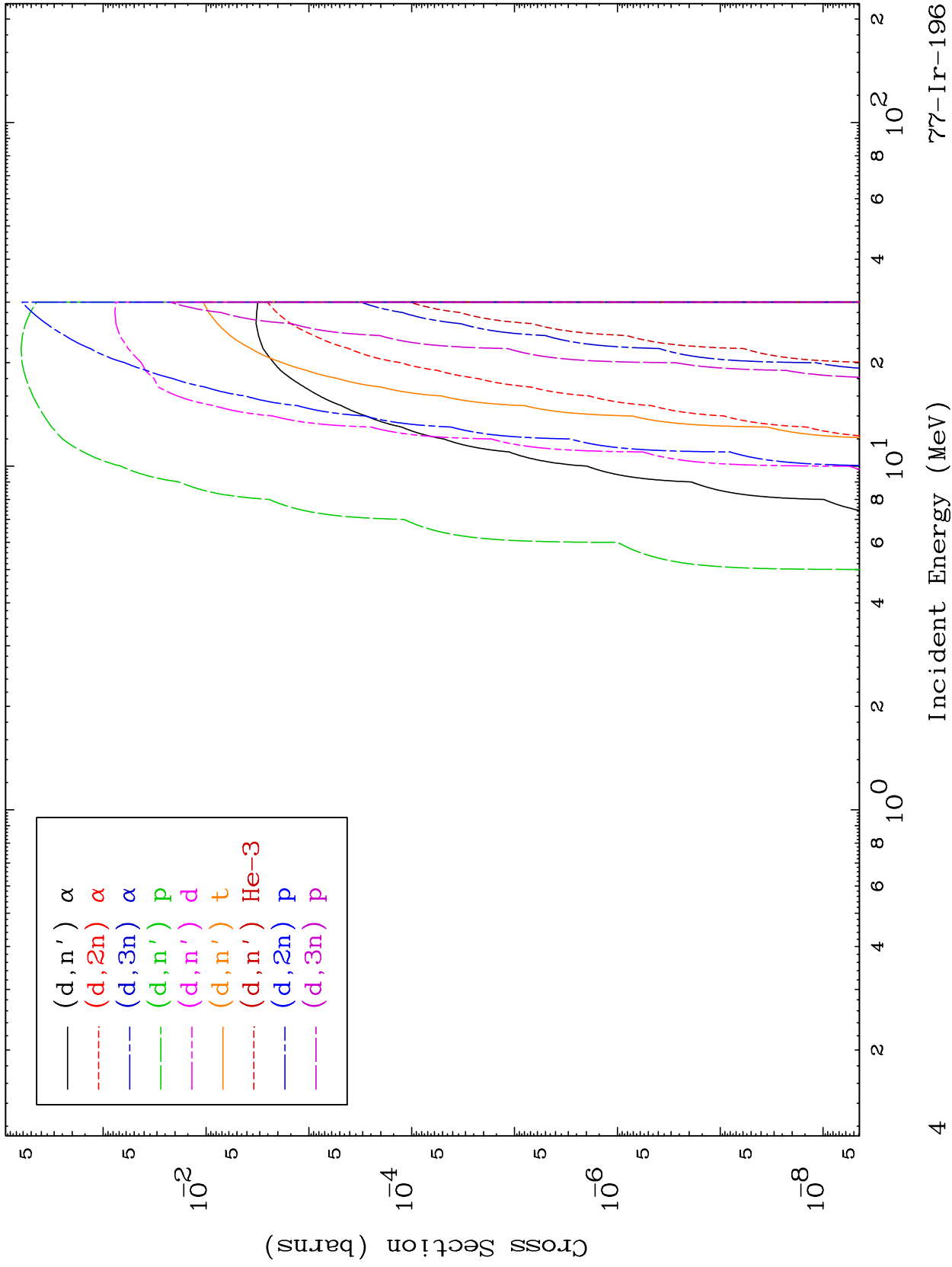


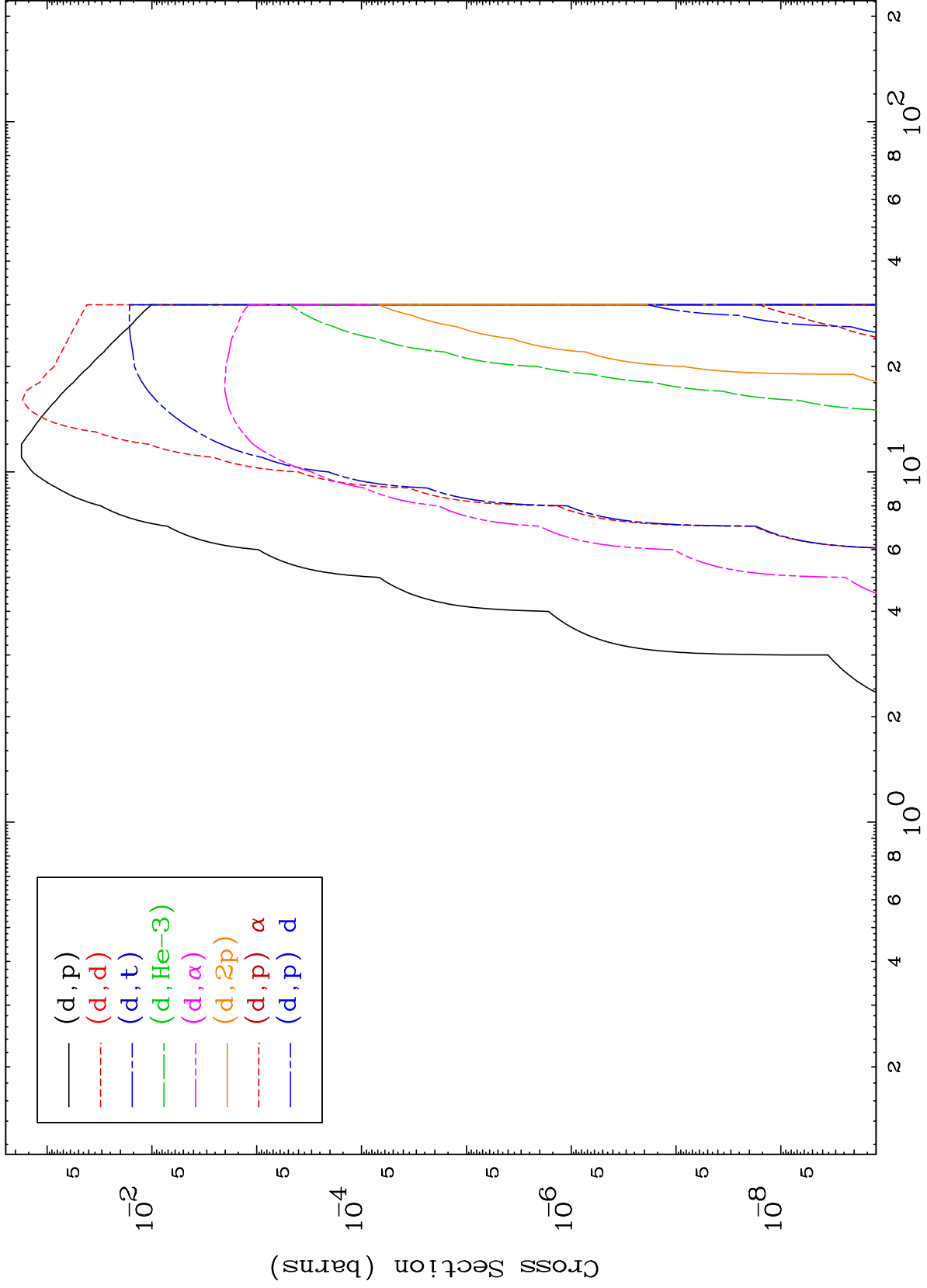


MAT 7741

Deuteron Charged Particle
0 Kelvin Cross Sections

77-Ir-196



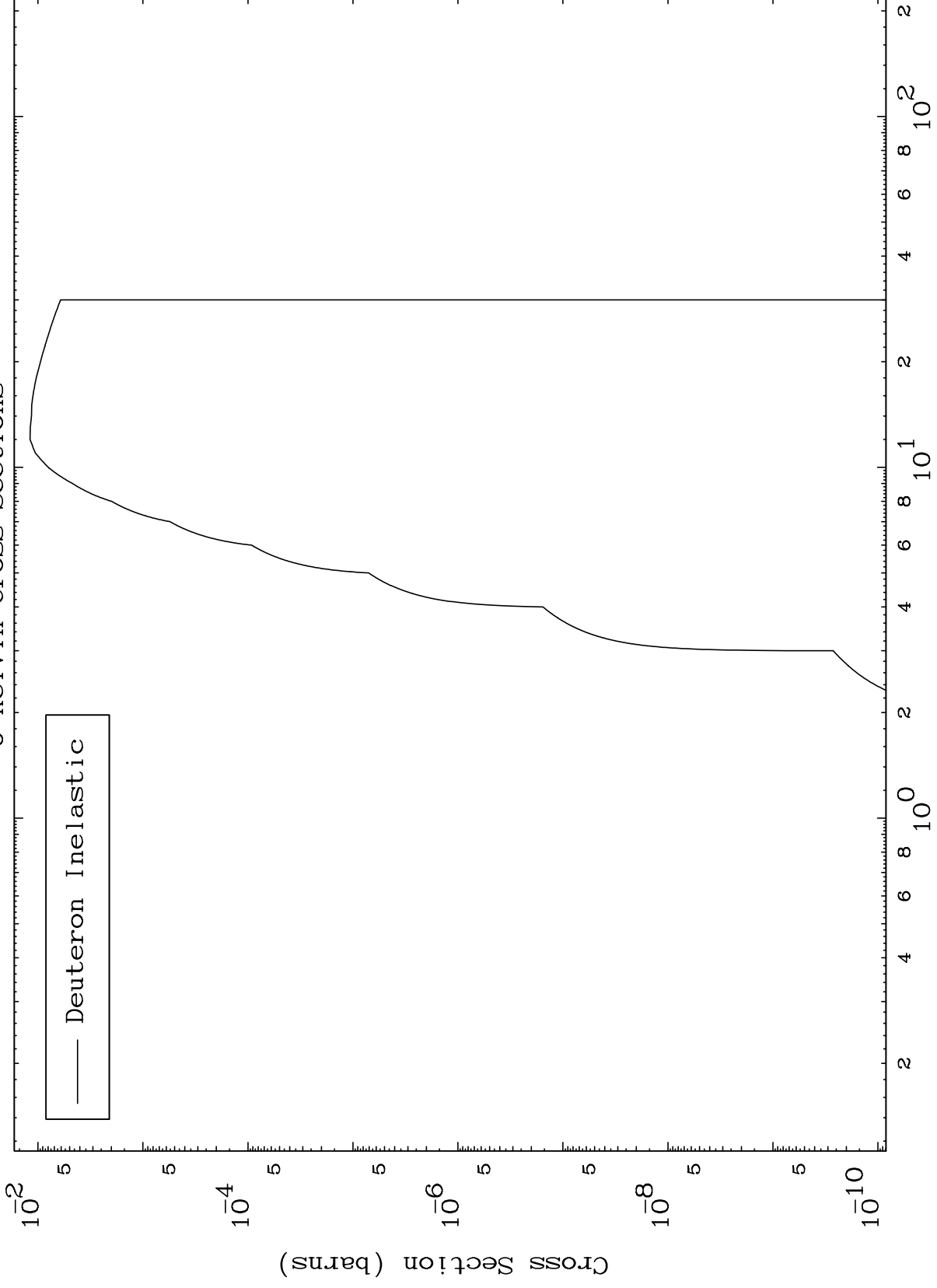


MAT 7741

(d,n') Level

77-Ir-196

0 Kelvin Cross Sections



6

Incident Energy (MeV)

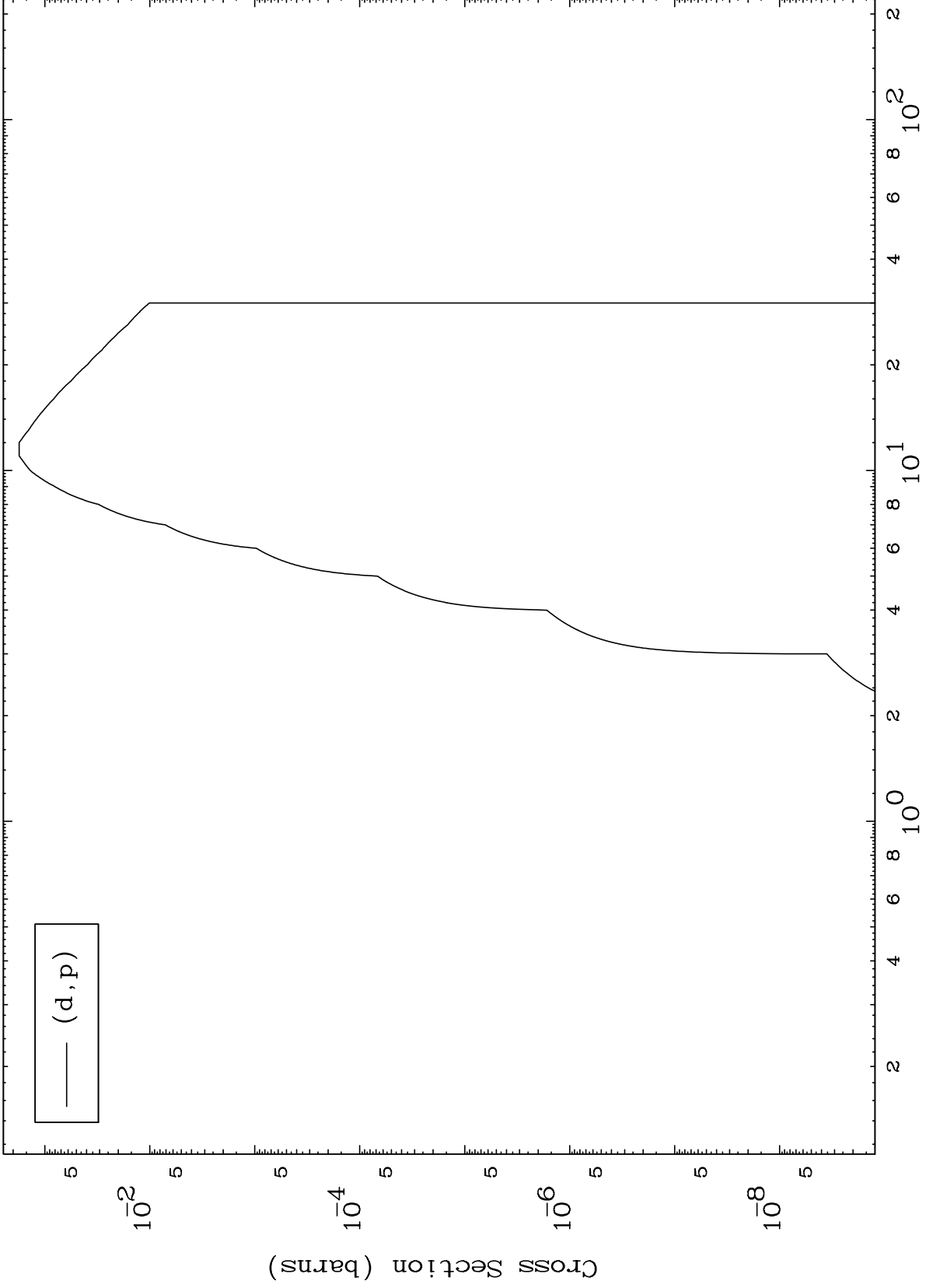
77-Ir-196

MAT 7741

(d,p) Levels

77-Ir-196

0 Kelvin Cross Sections



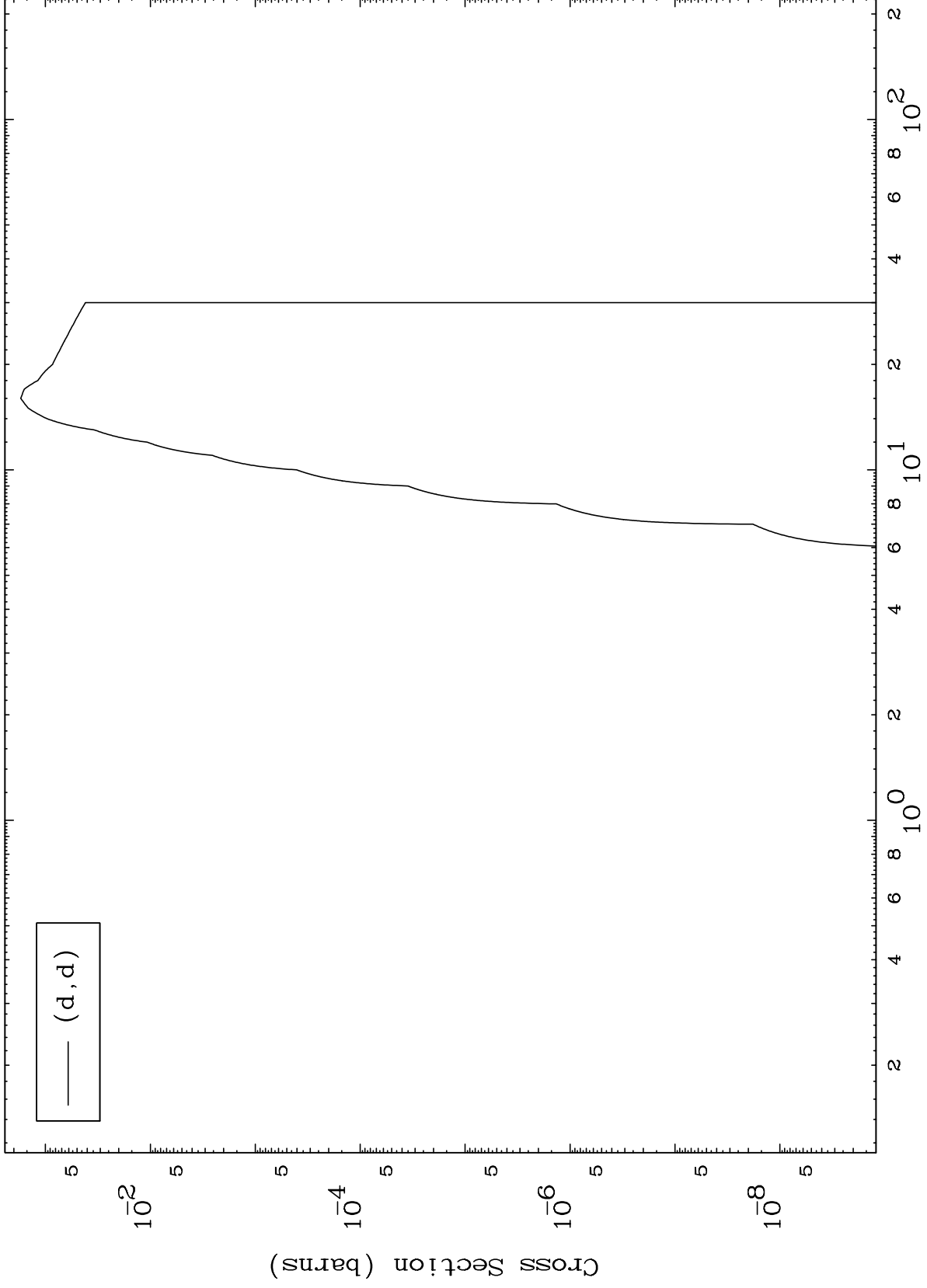
(d,p)

MAT 7741

(d,d) Levels

77-Ir-196

0 Kelvin Cross Sections

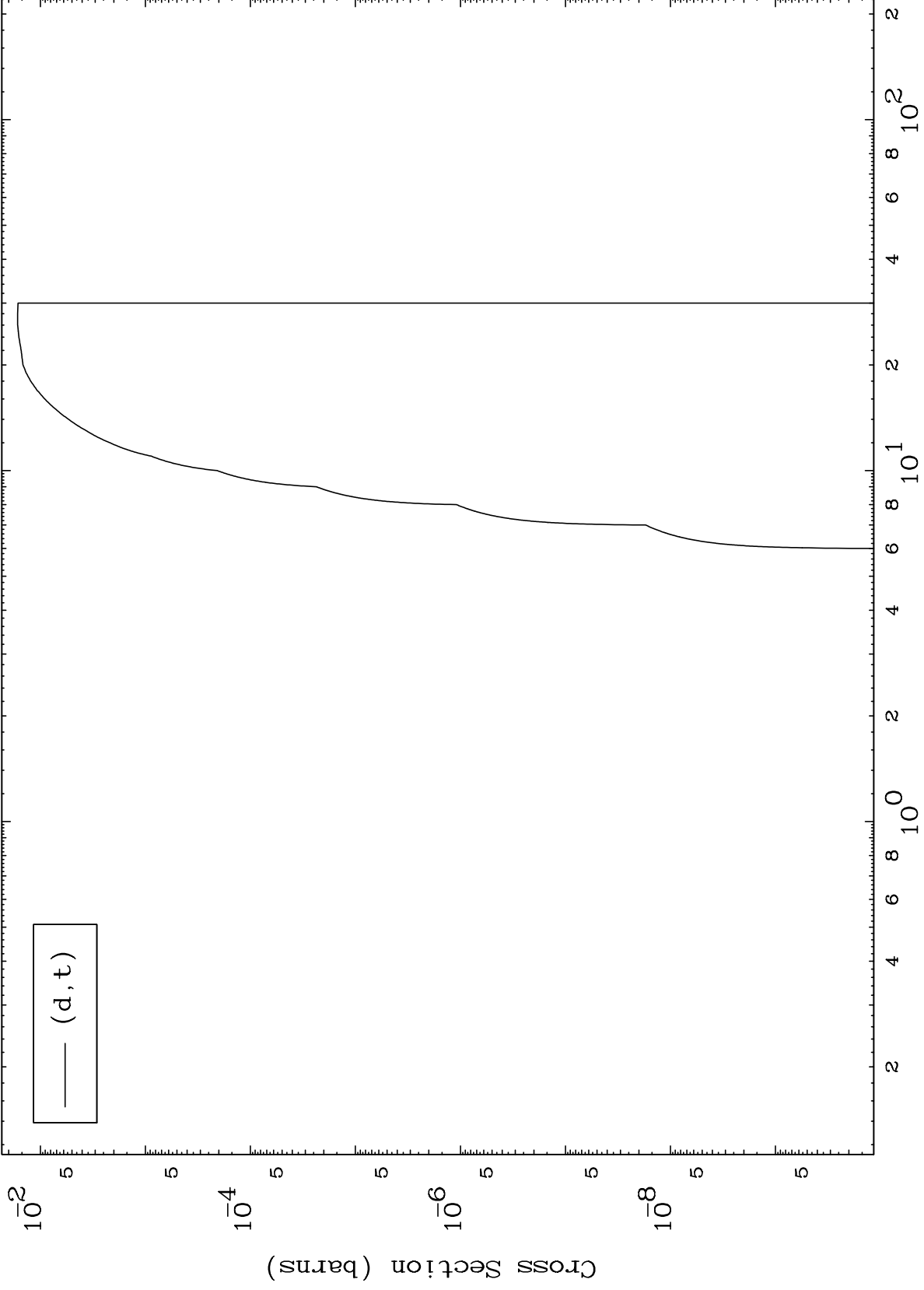


MAT 7741

(d,t) Levels

77-Ir-196

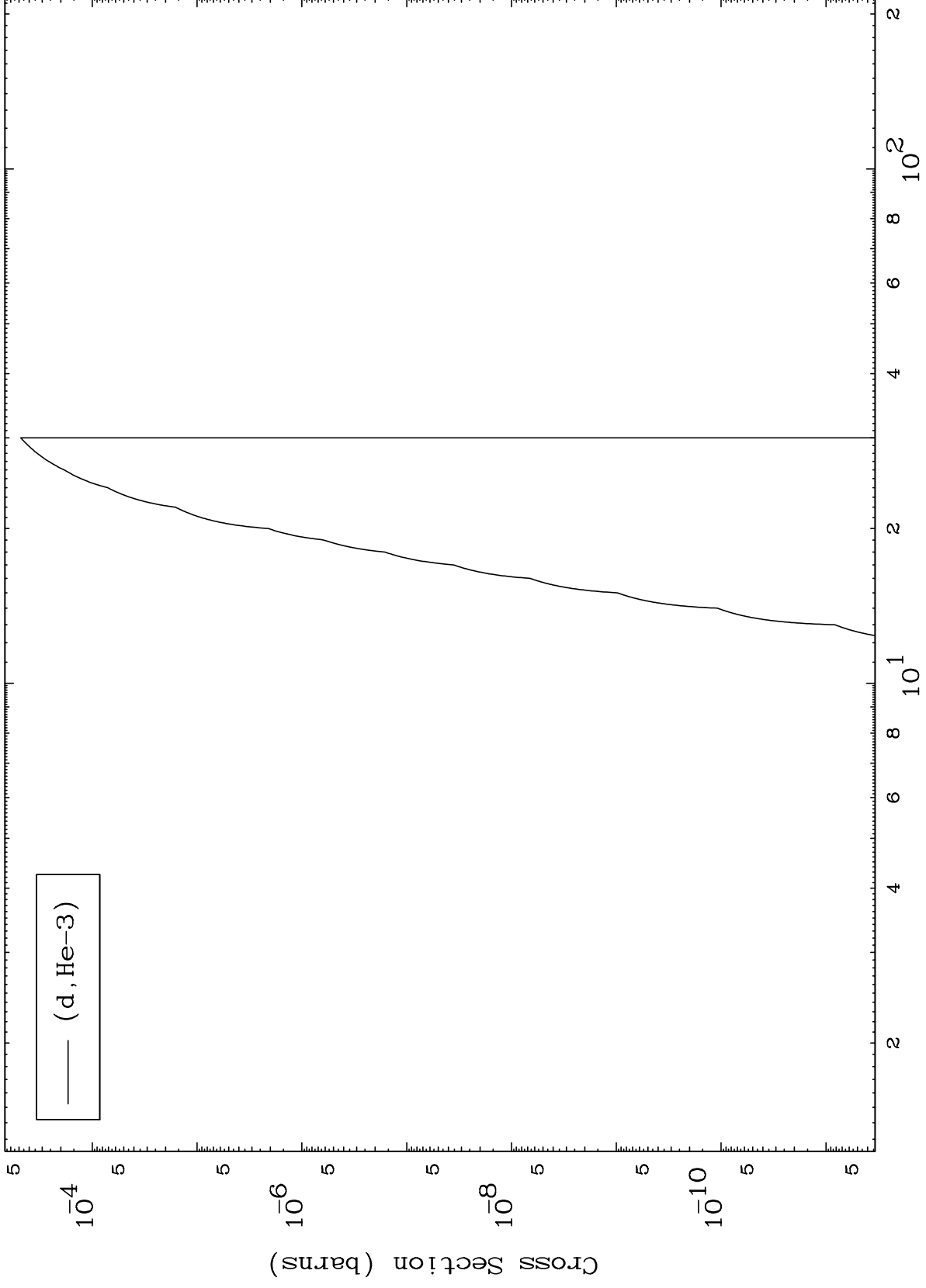
0 Kelvin Cross Sections



MAT 7741

(d,He3) Levels
0 Kelvin Cross Sections

77-Ir-196



10

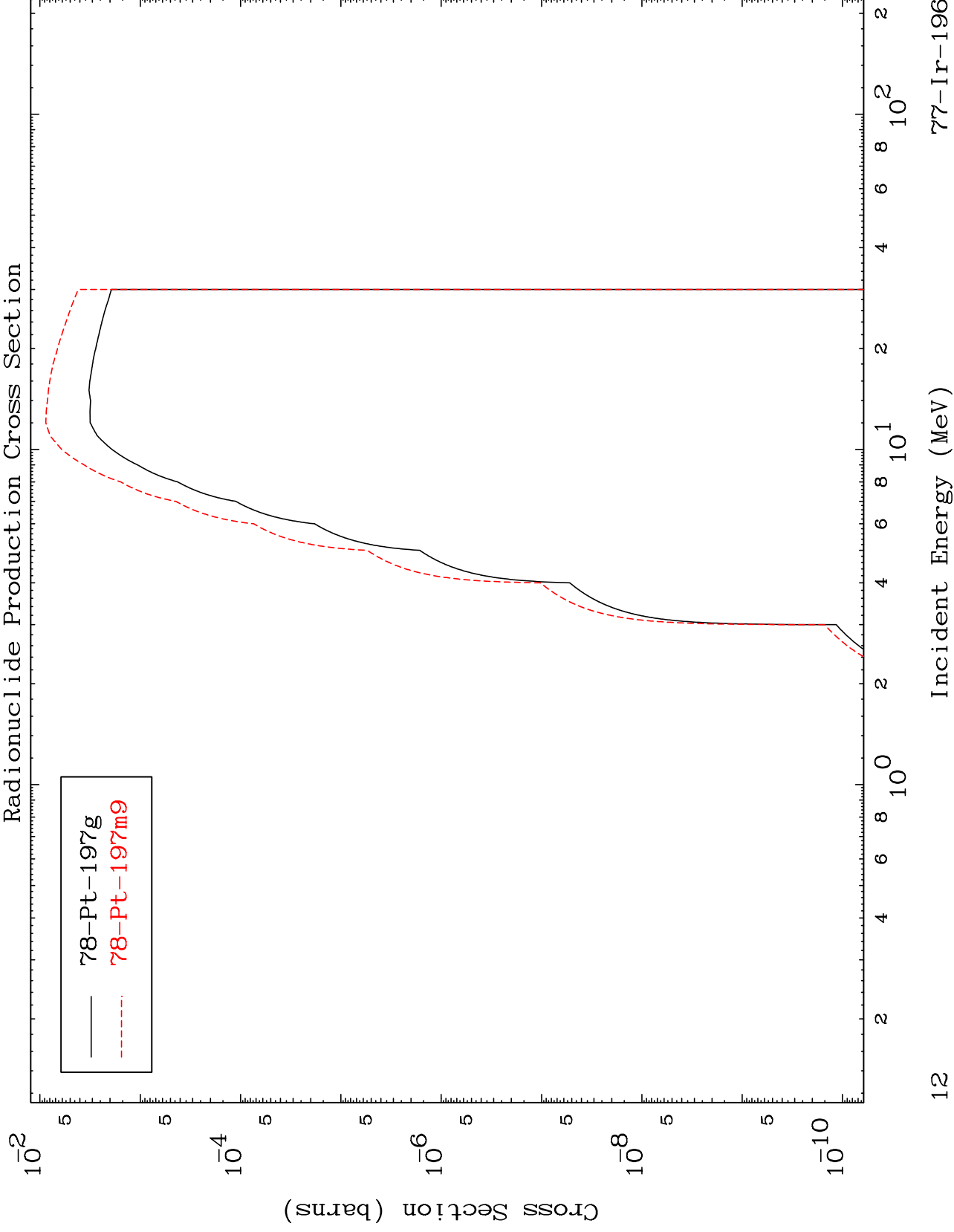
Incident Energy (MeV)

77-Ir-196

MAT 7741

Deuteron Inelastic
Radionuclide Production Cross Section

77-Ir-196



12

Incident Energy (MeV)

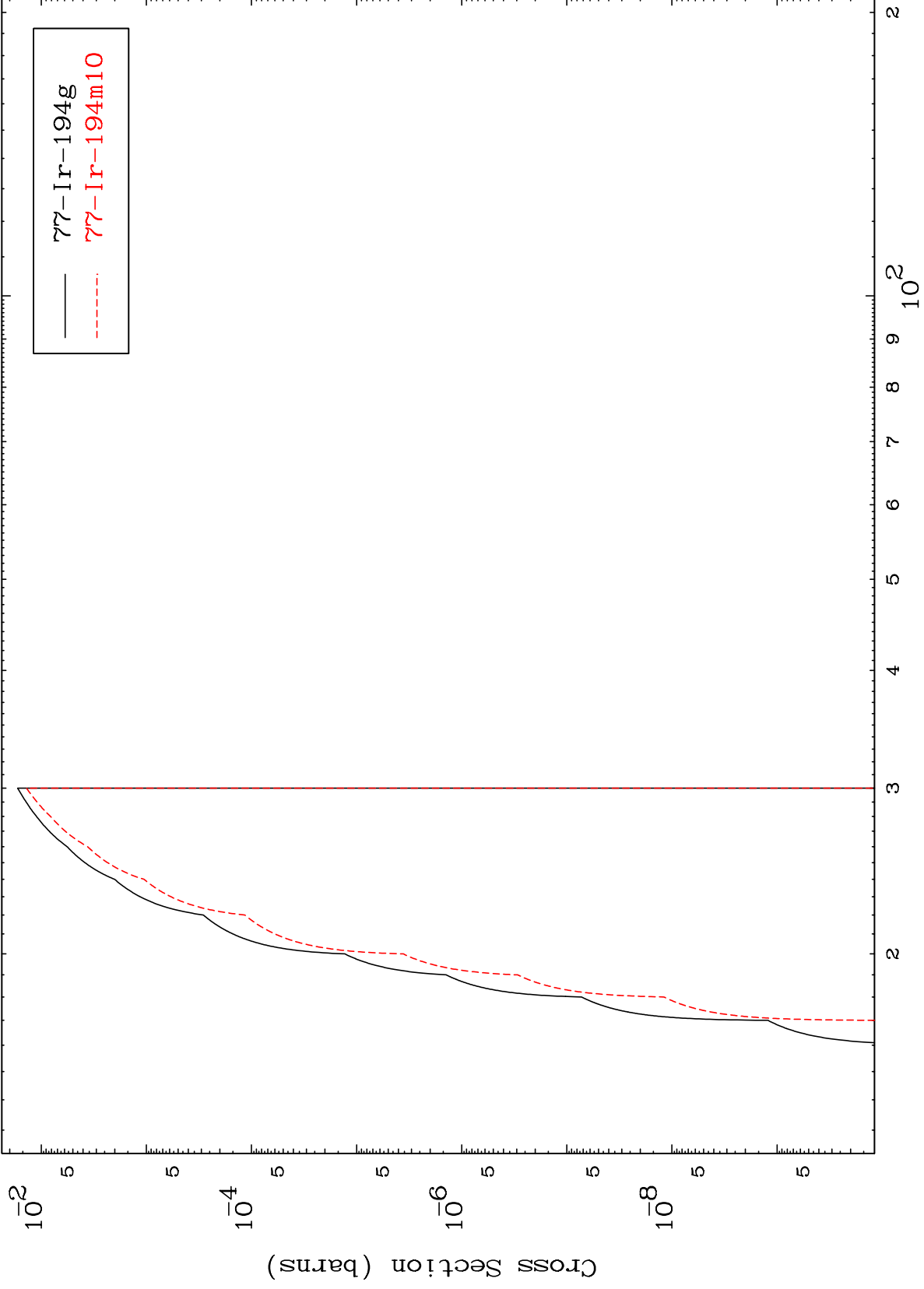
77-Ir-196

MAT 7741

(d,2n) d

77-Ir-196

Radionuclide Production Cross Section



13

Incident Energy (MeV)

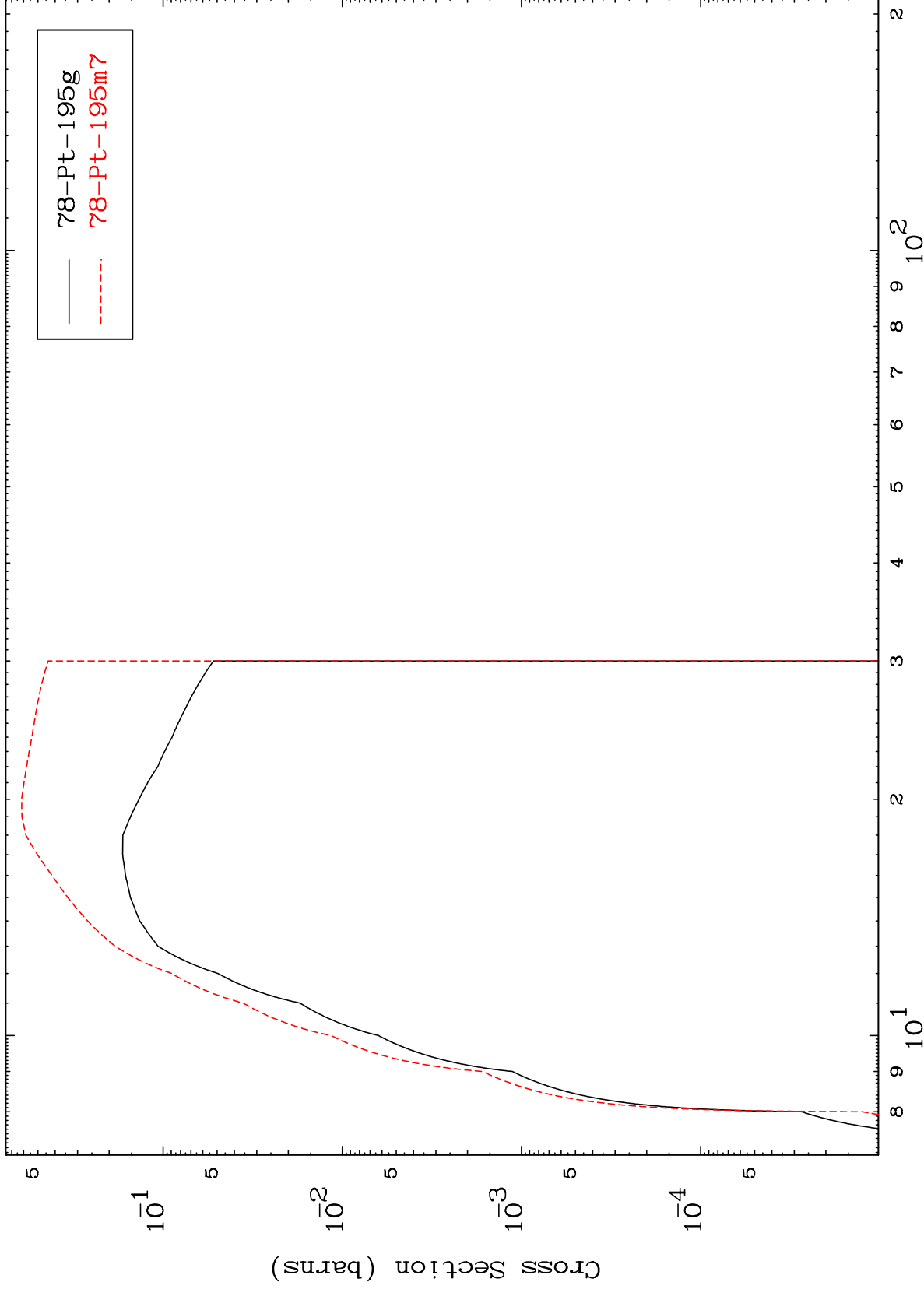
77-Ir-196

MAT 7741

(d,3n)

77-Ir-196

Radionuclide Production Cross Section



14

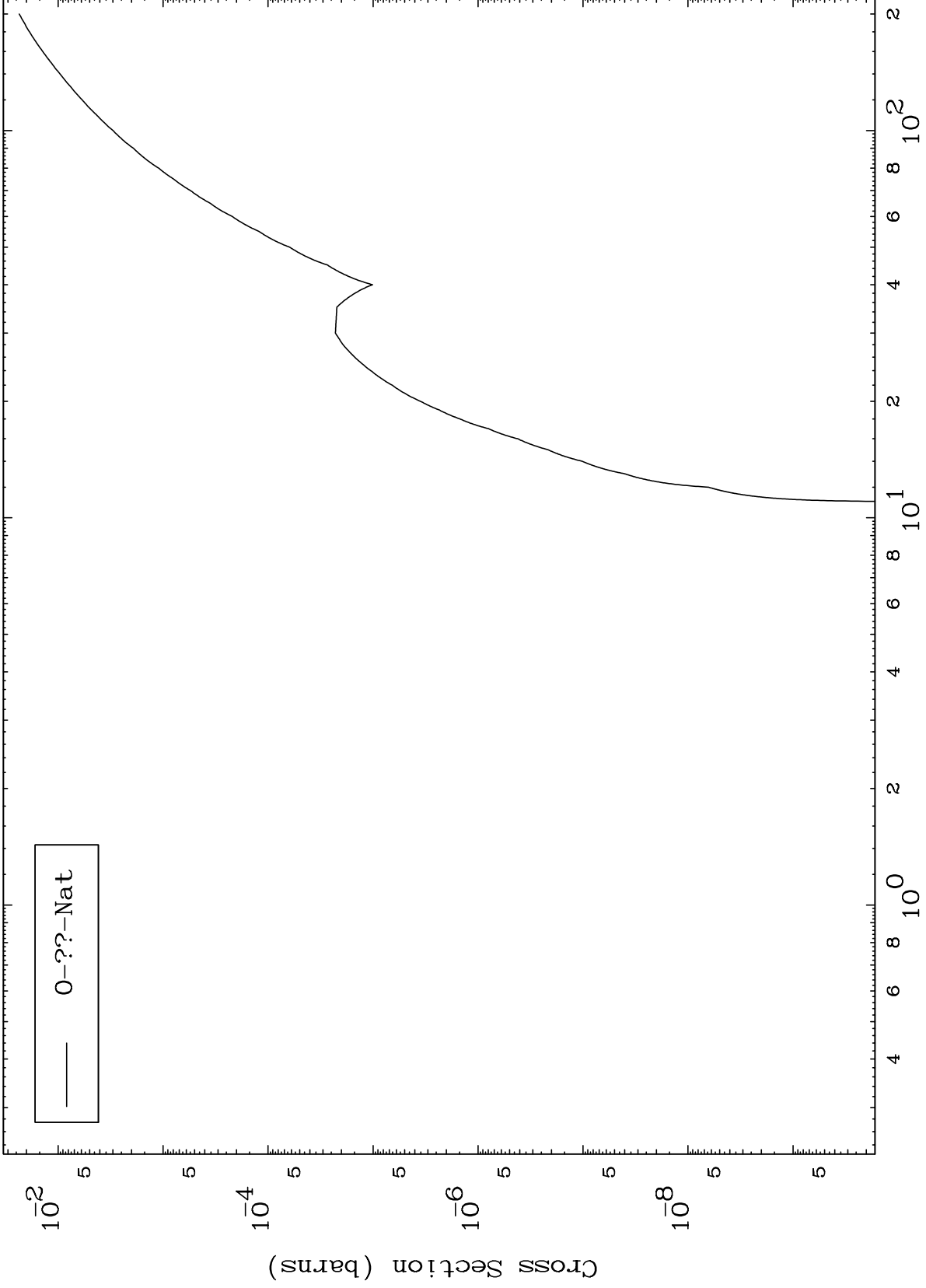
Incident Energy (MeV)

77-Ir-196

MAT 7741

Deuteron Fission
Radionuclide Production Cross Section

77-Ir-196



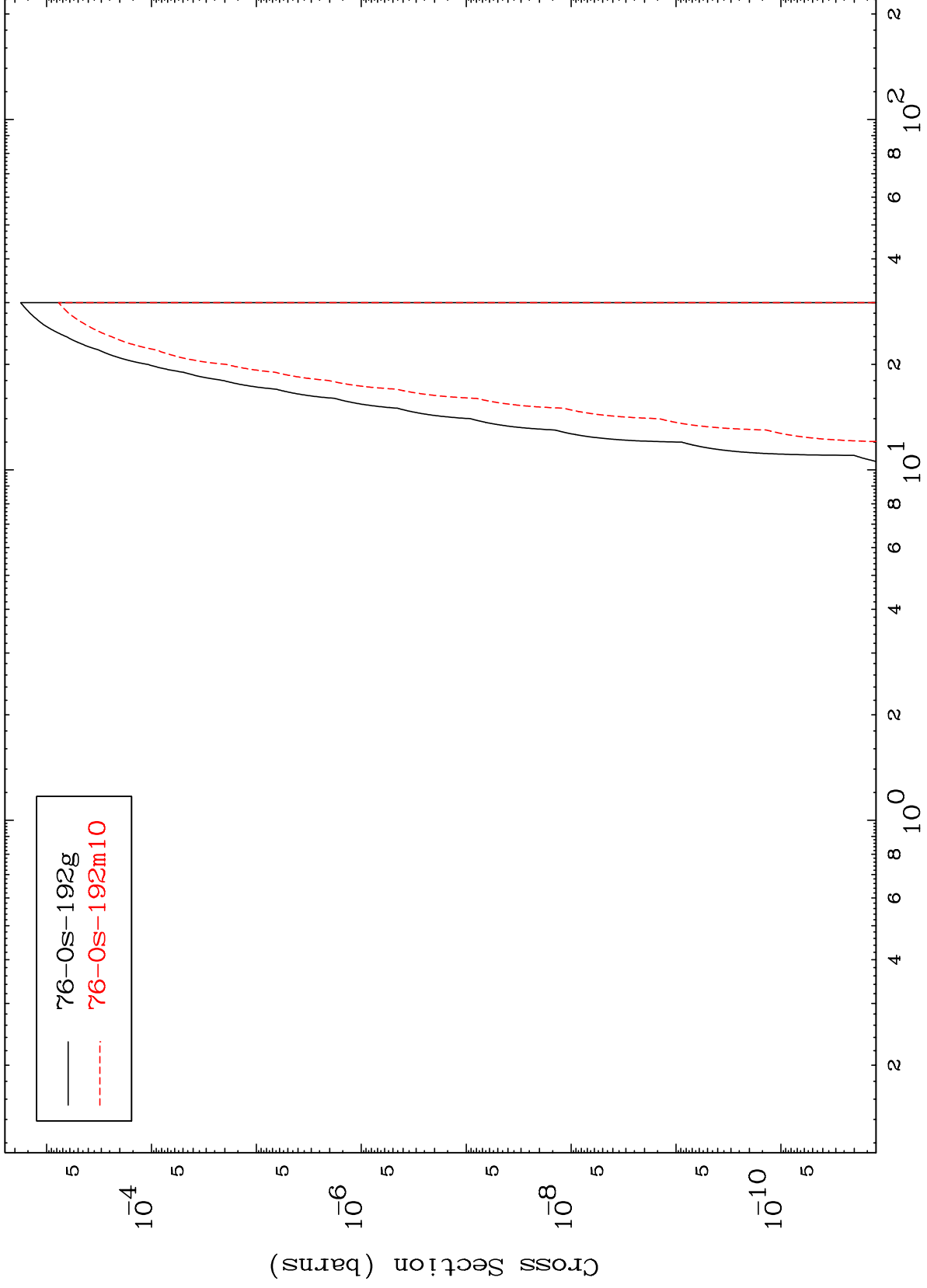
— 0-??-Nat

MAT 7741

(d,2n) α

⁷⁷Ir-196

Radionuclide Production Cross Section



16

Incident Energy (MeV)

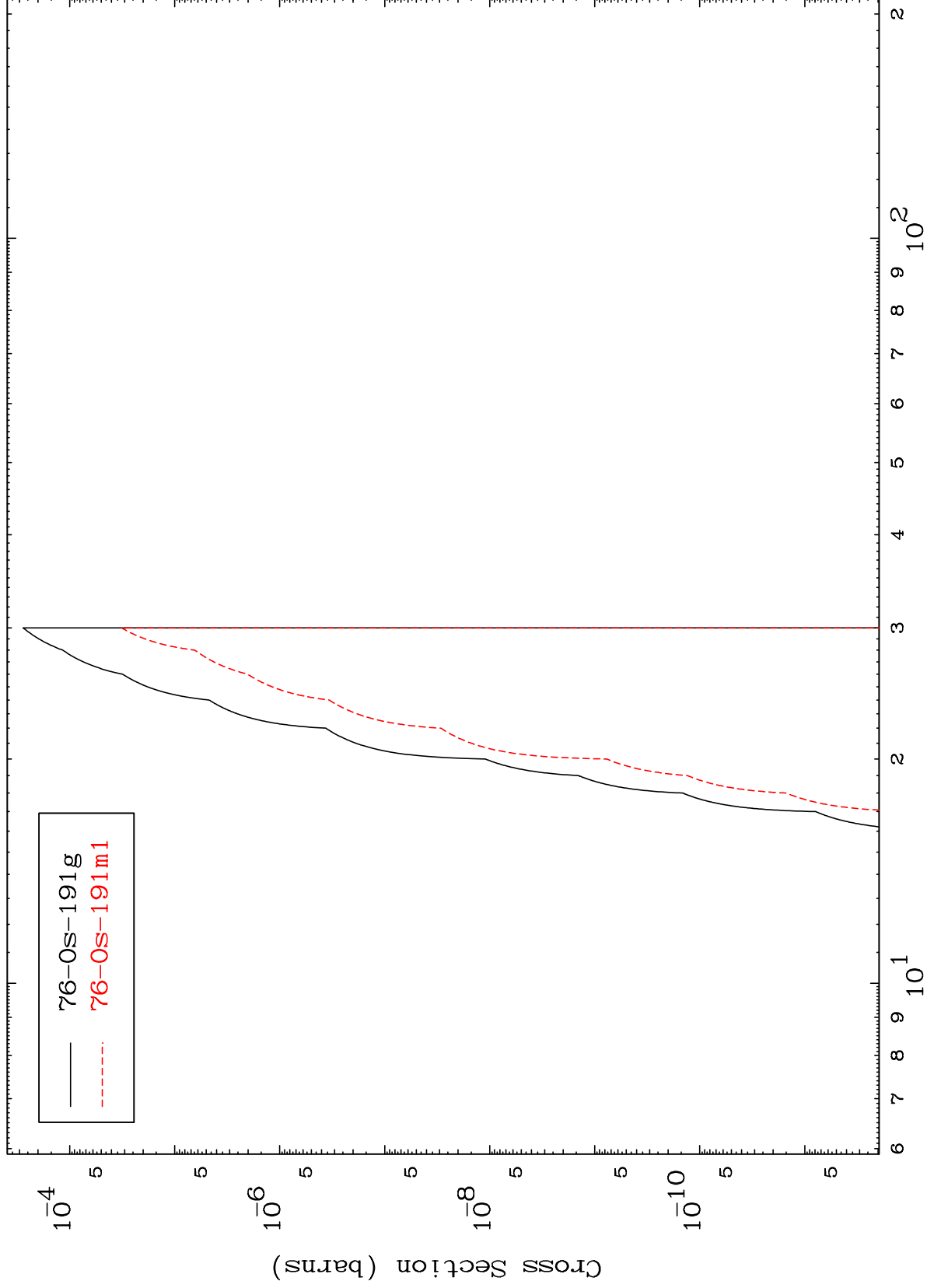
⁷⁷Ir-196

MAT 7741

⁷⁷Ir-196

(d,3n) α

Radionuclide Production Cross Section



17

Incident Energy (MeV)

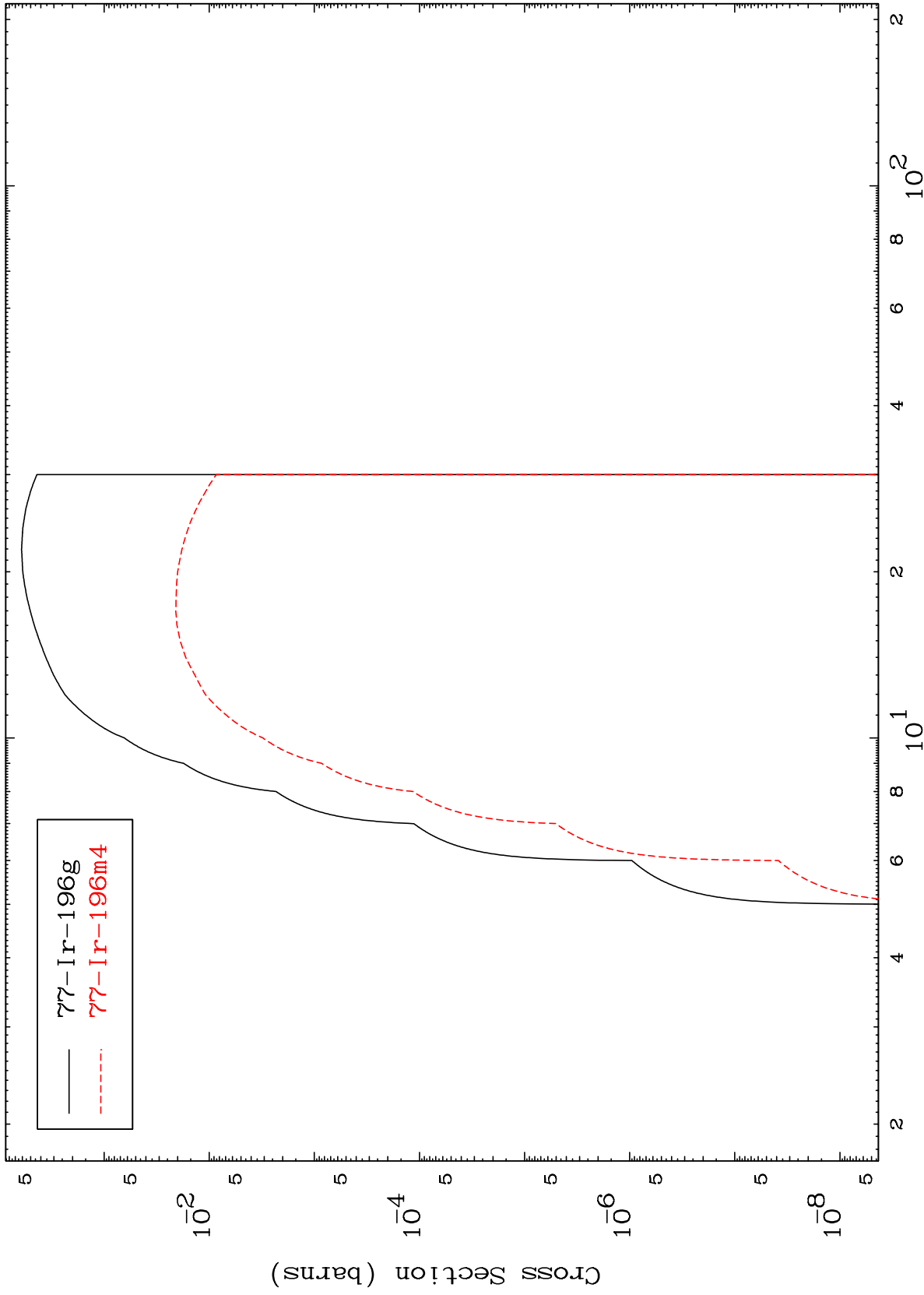
⁷⁷Ir-196

MAT 7741

(d,n') p

⁷⁷Ir-196

Radionuclide Production Cross Section



18

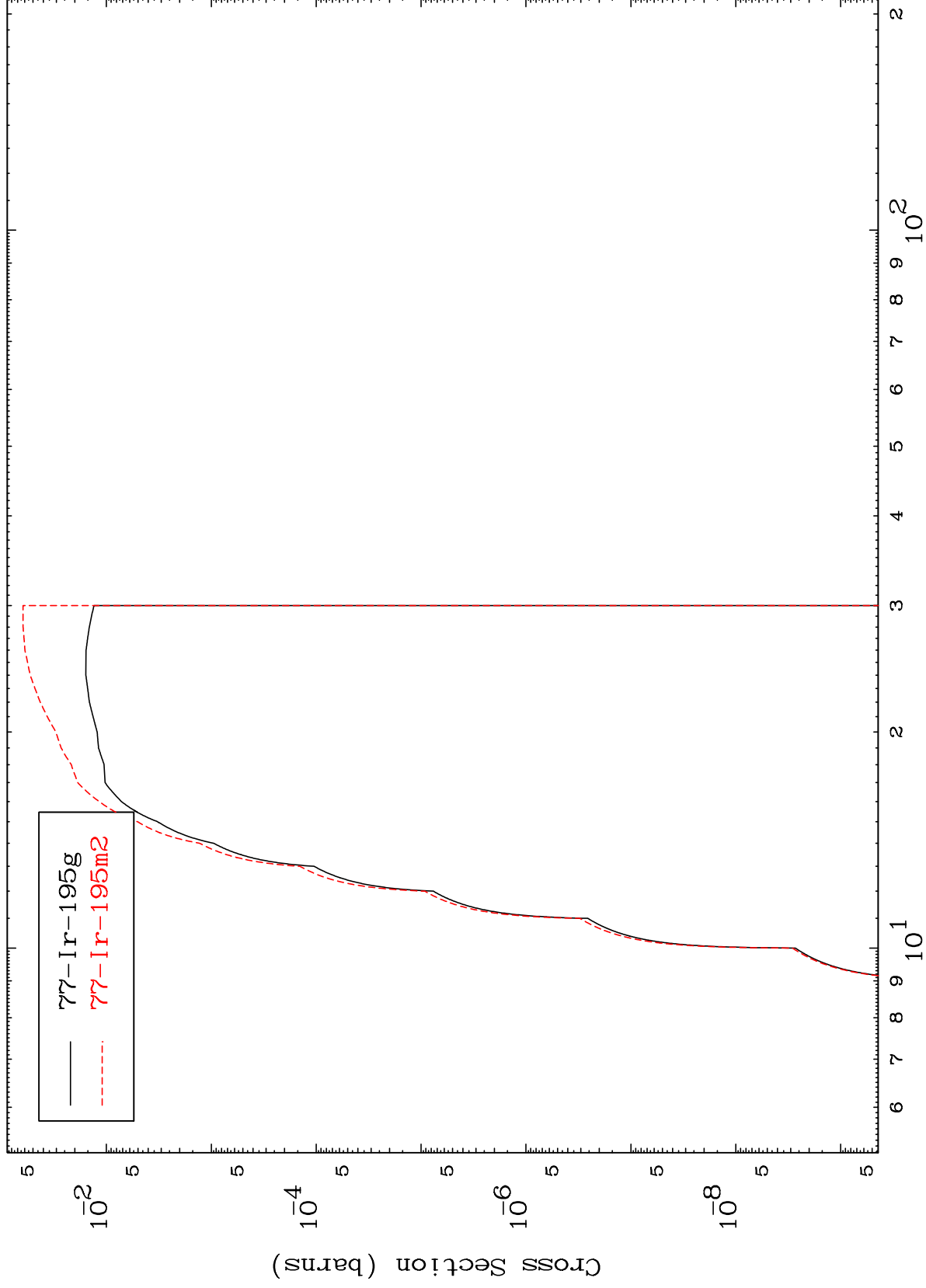
Incident Energy (MeV)

⁷⁷Ir-196

MAT 7741

77-Ir-196

(d,n') d
Radionuclide Production Cross Section



19

Incident Energy (MeV)

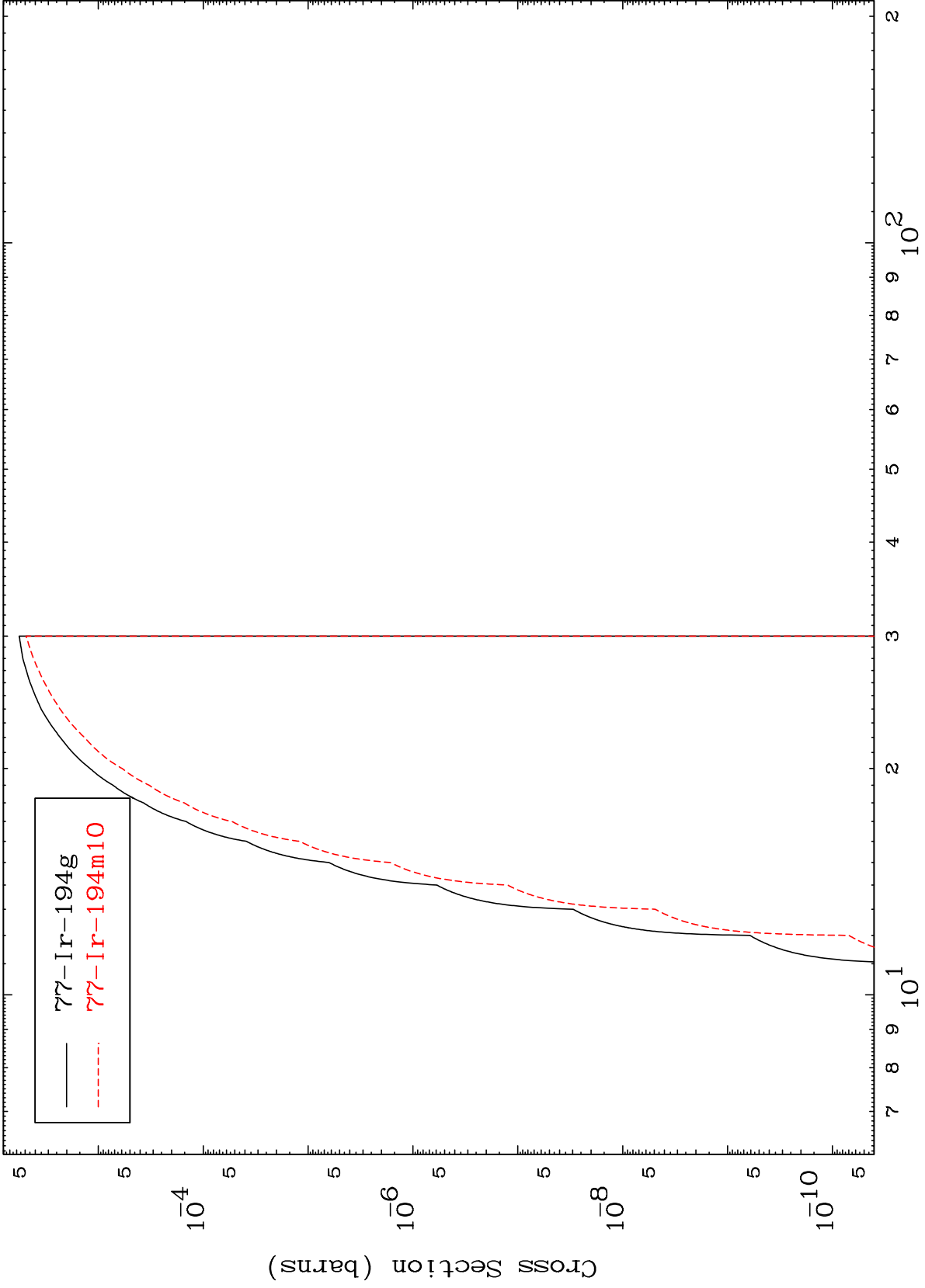
77-Ir-196

MAT 7741

(d,n') t

⁷⁷Ir-196

Radionuclide Production Cross Section



20

Incident Energy (MeV)

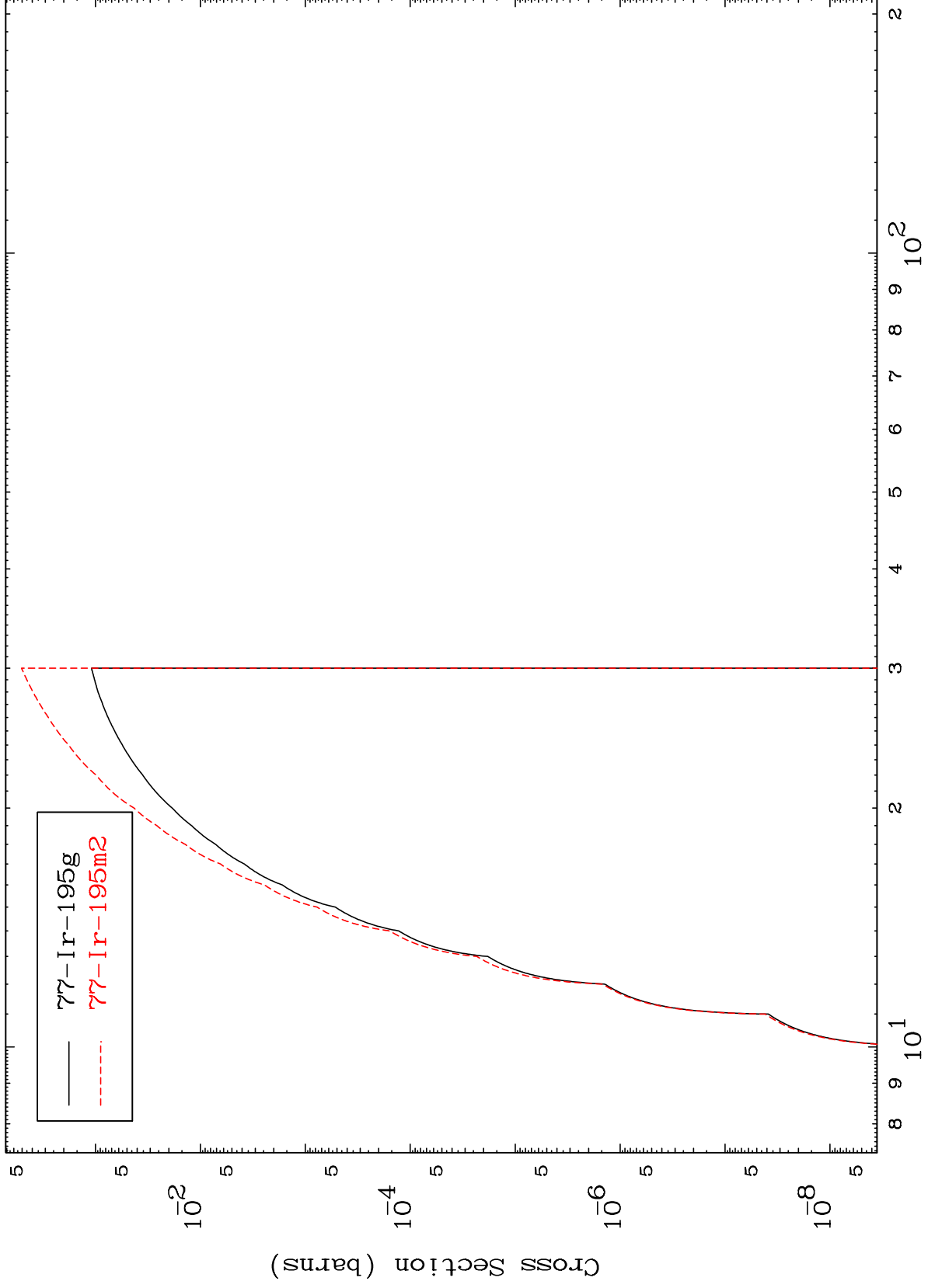
⁷⁷Ir-196

MAT 7741

(d,2n) p

⁷⁷Ir-196

Radionuclide Production Cross Section



21

Incident Energy (MeV)

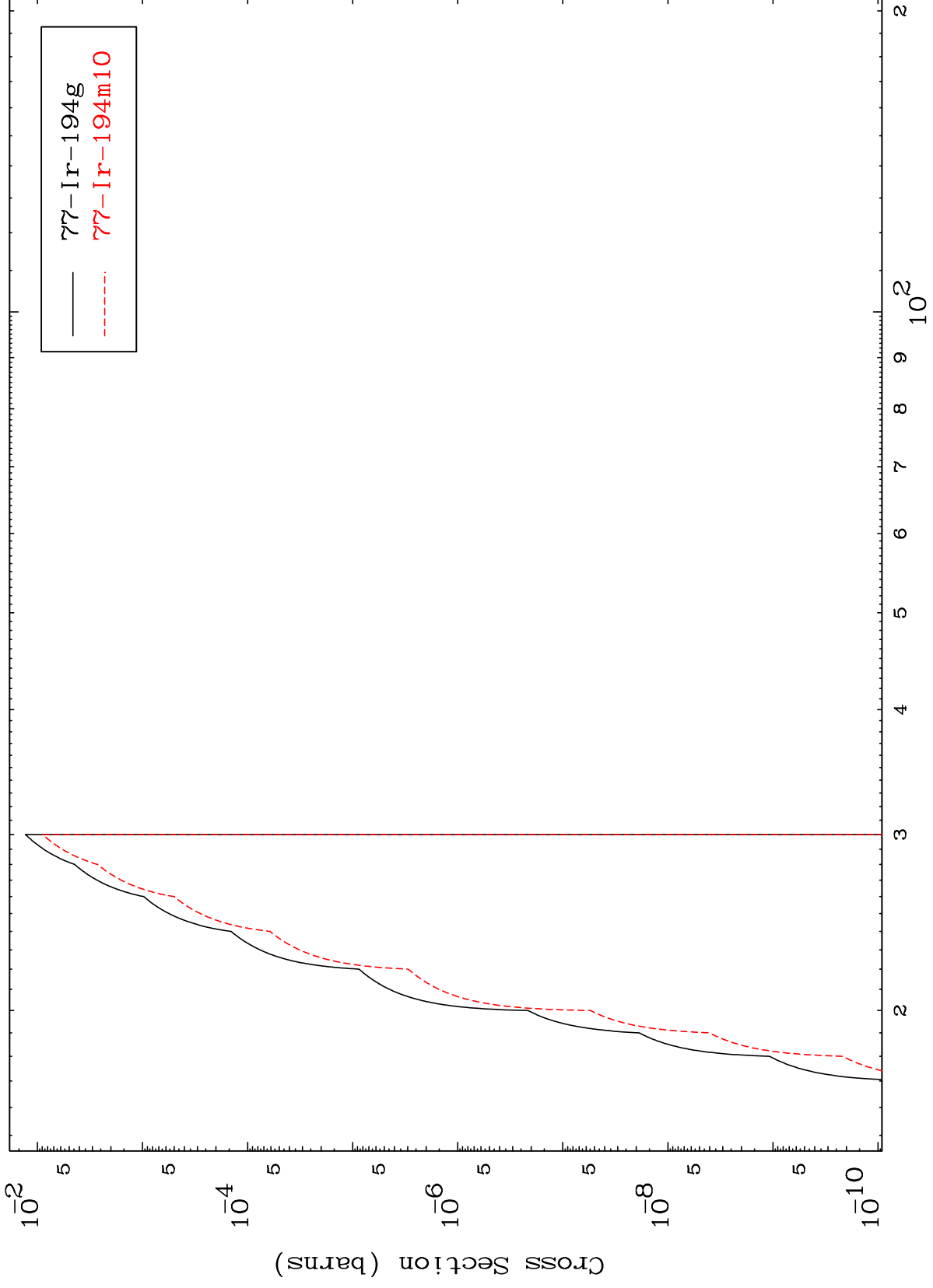
⁷⁷Ir-196

MAT 7741

(d,3n) p

77-Ir-196

Radionuclide Production Cross Section



77-Ir-194g
77-Ir-194m10

22

Incident Energy (MeV)

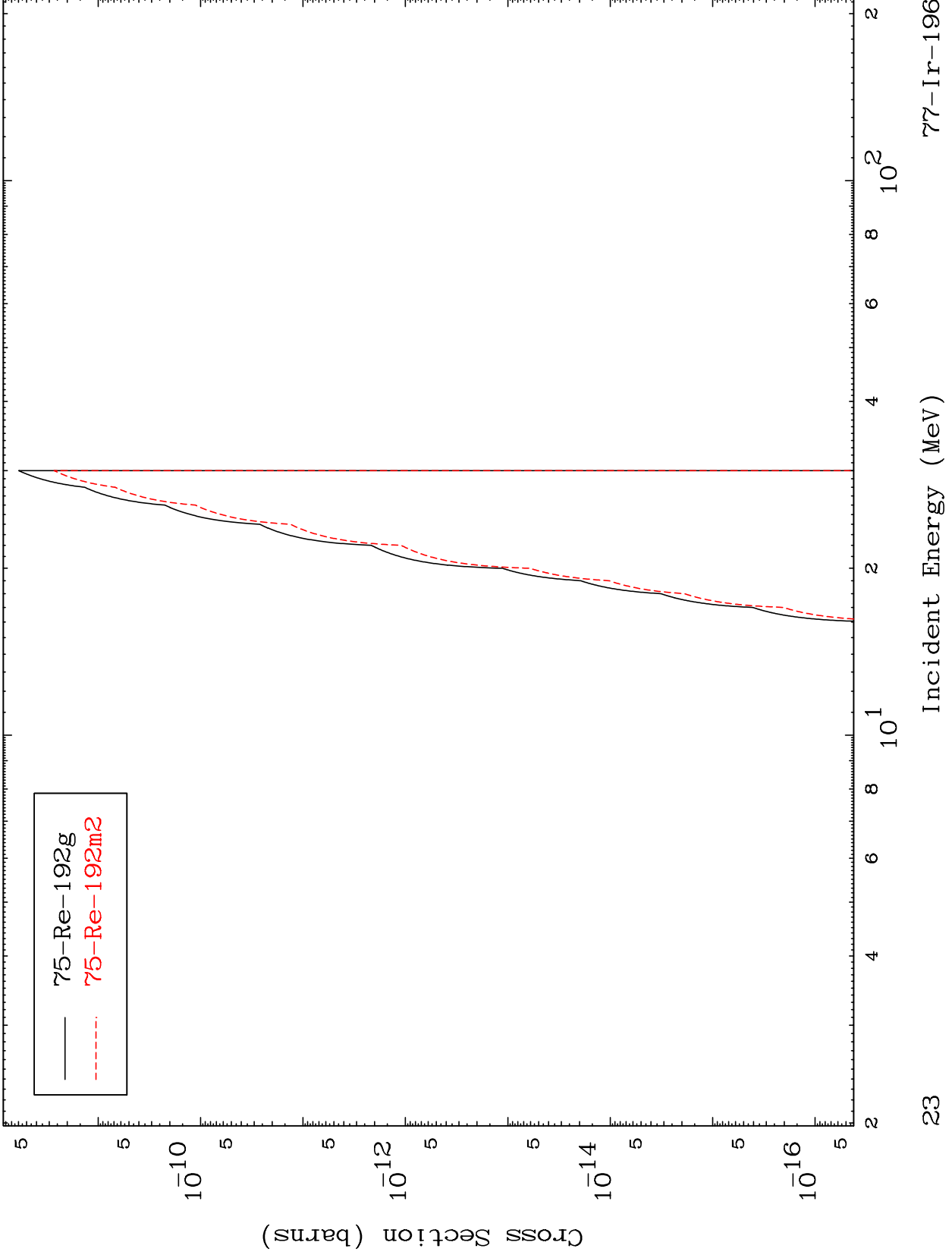
77-Ir-196

MAT 7741

(d,n') p α

⁷⁷Ir-196

Radionuclide Production Cross Section



23

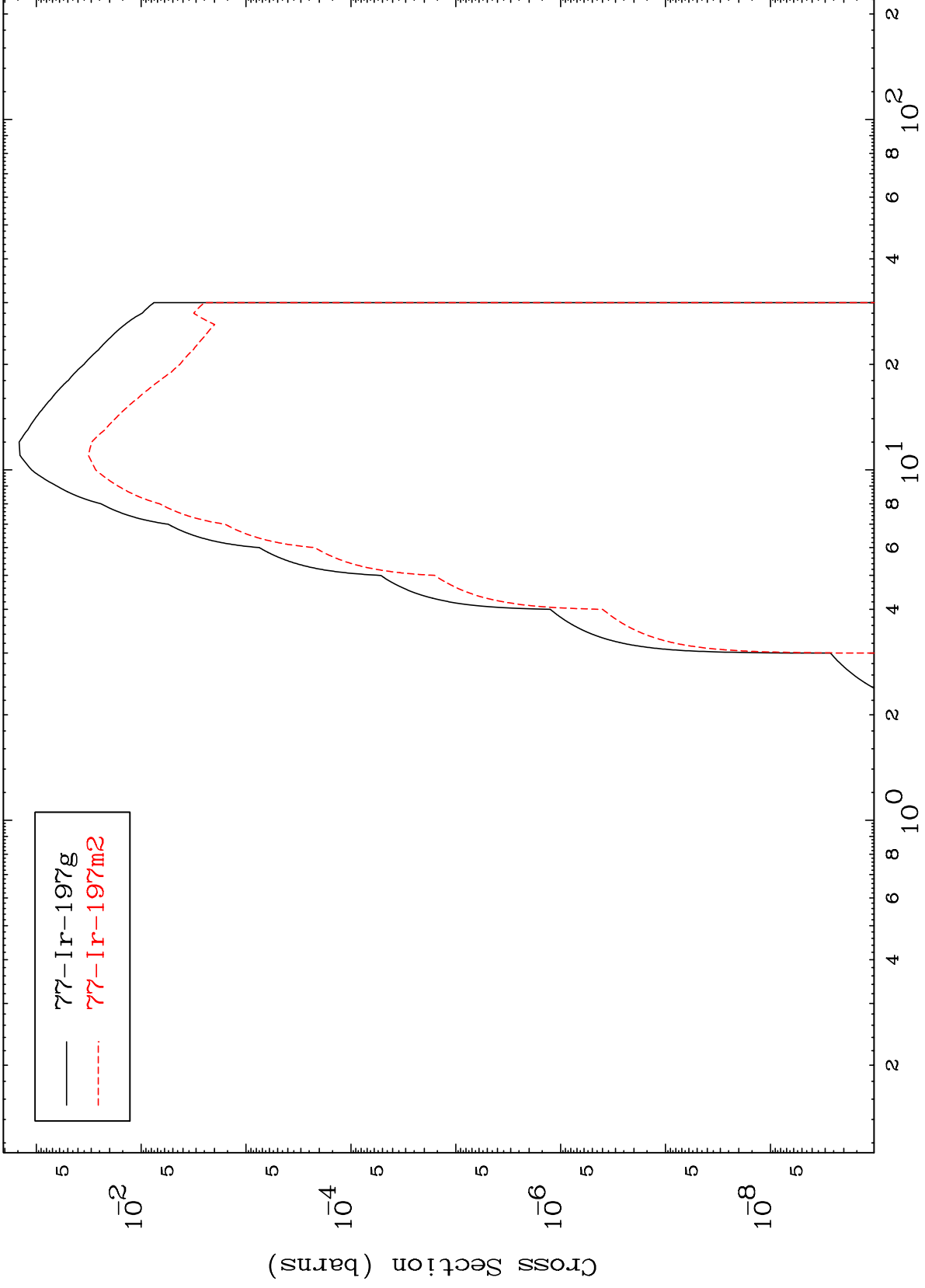
Incident Energy (MeV)

⁷⁷Ir-196

MAT 7741

77-Ir-196

(d,p)
Radionuclide Production Cross Section



24

77-Ir-196

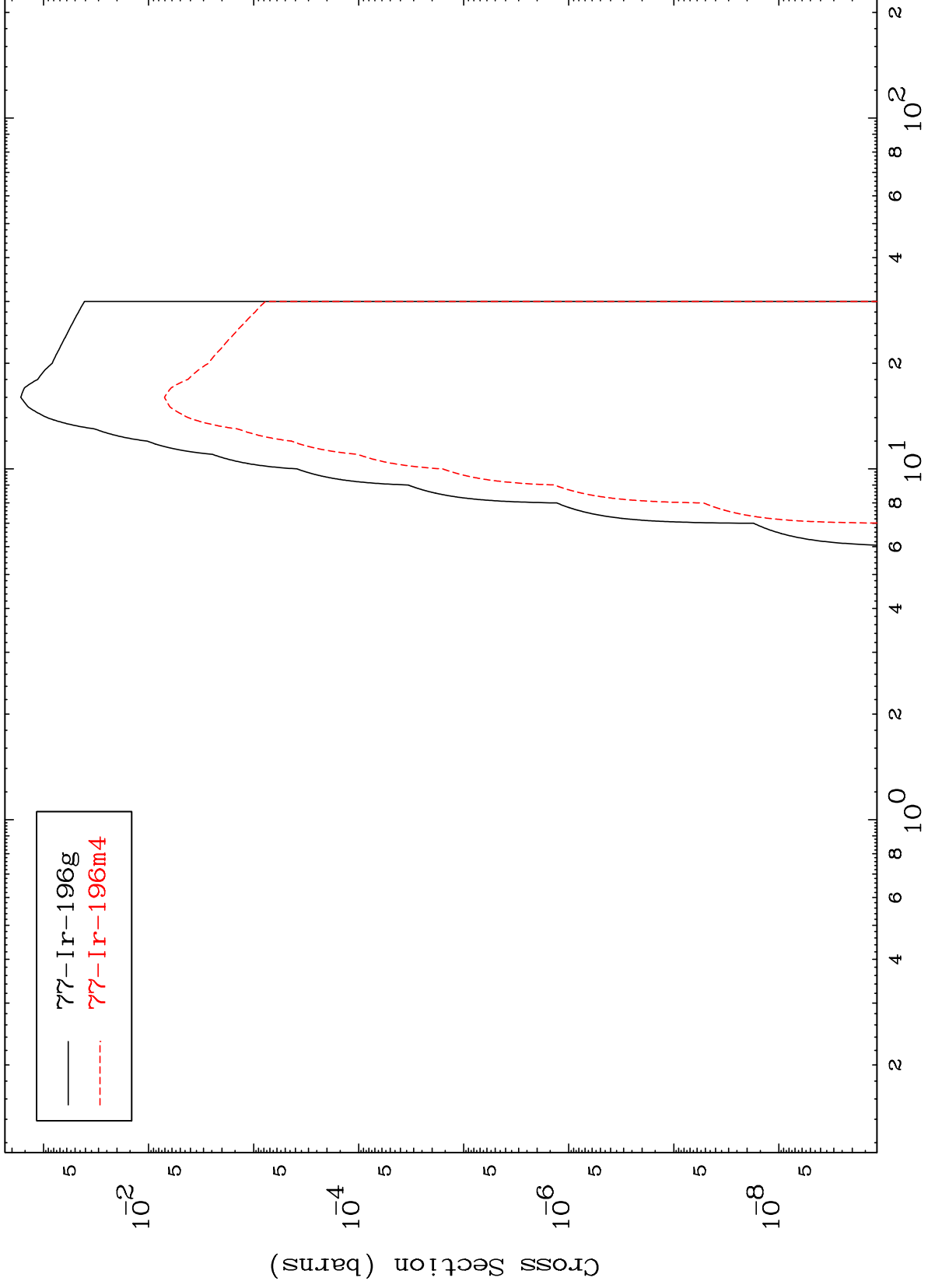
Incident Energy (MeV)

MAT 7741

(d,d)

⁷⁷Ir-196

Radionuclide Production Cross Section



25

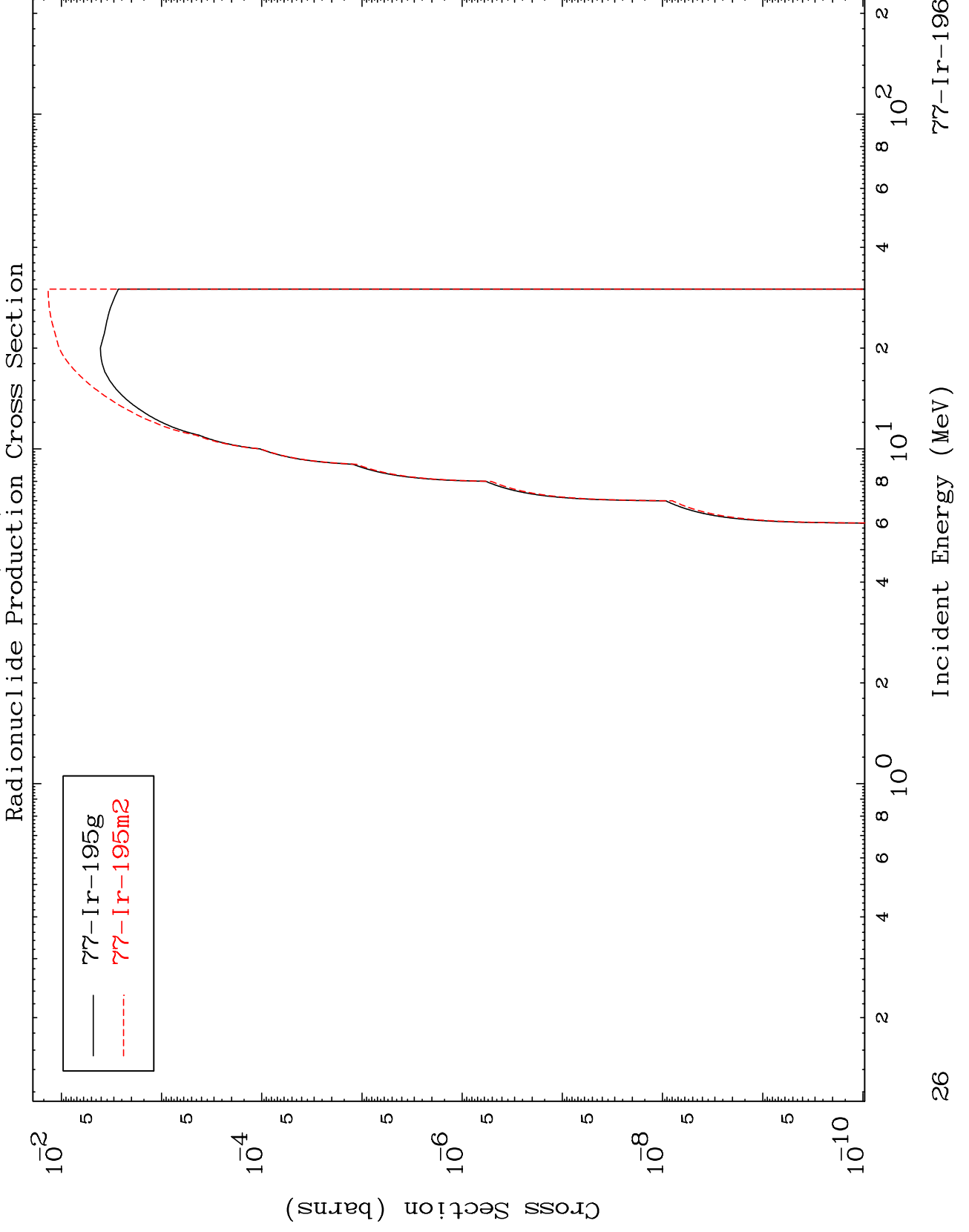
Incident Energy (MeV)

⁷⁷Ir-196

MAT 7741

(d, t)

⁷⁷Ir-196

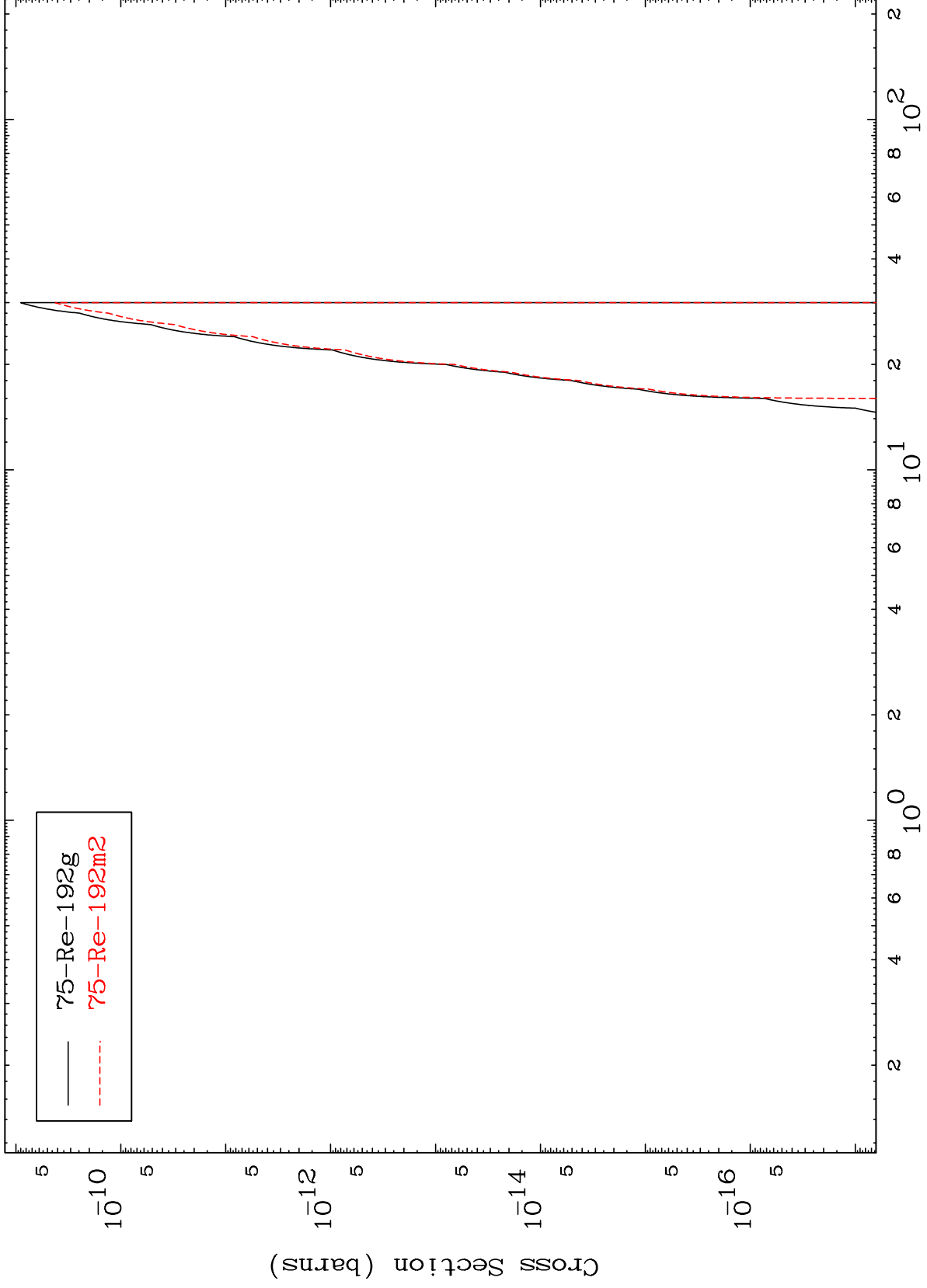


MAT 7741

(d,d) α

⁷⁷Ir-196

Radionuclide Production Cross Section



27

Incident Energy (MeV)

⁷⁷Ir-196