

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

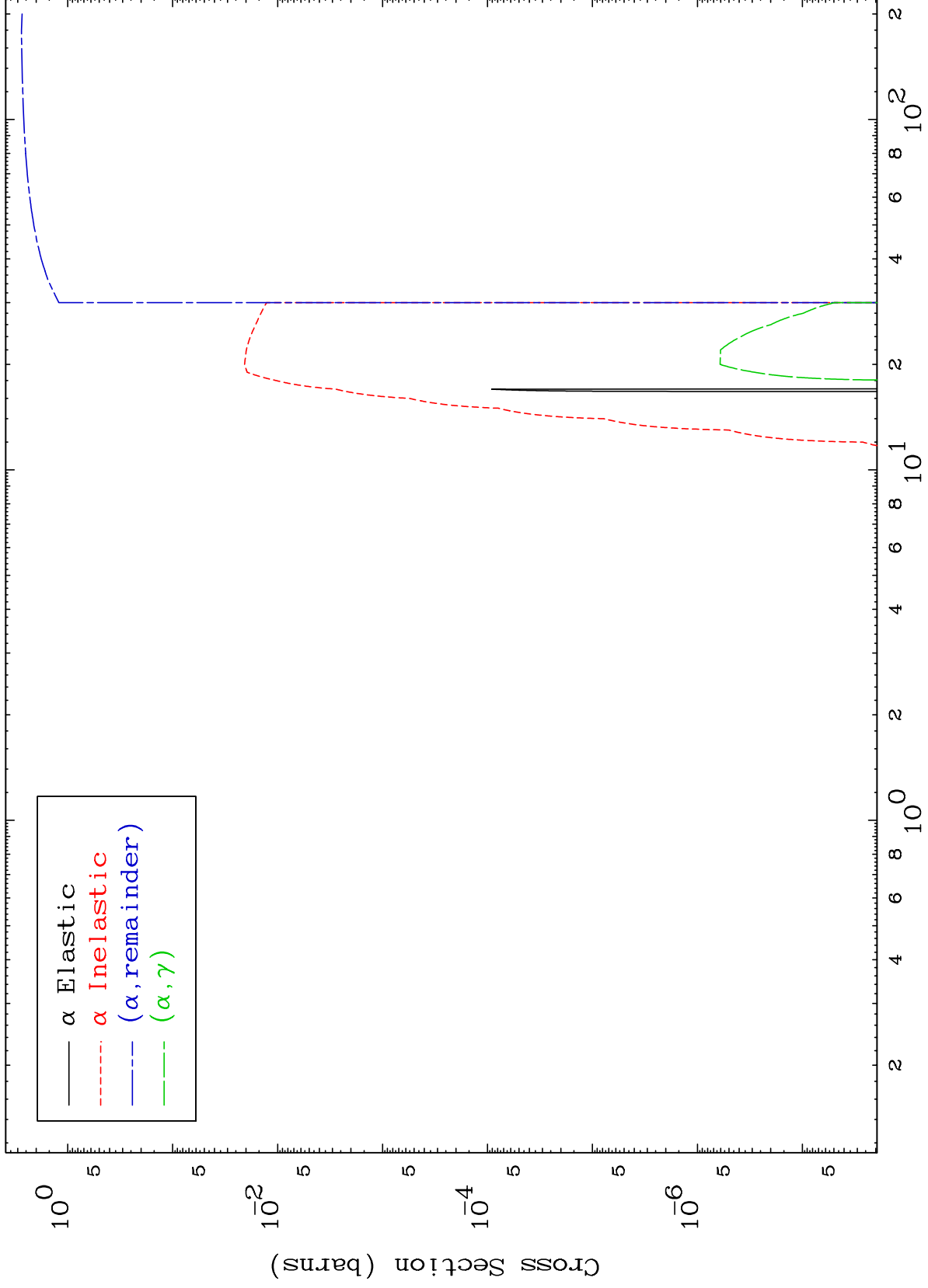
Press Mouse Button to Start

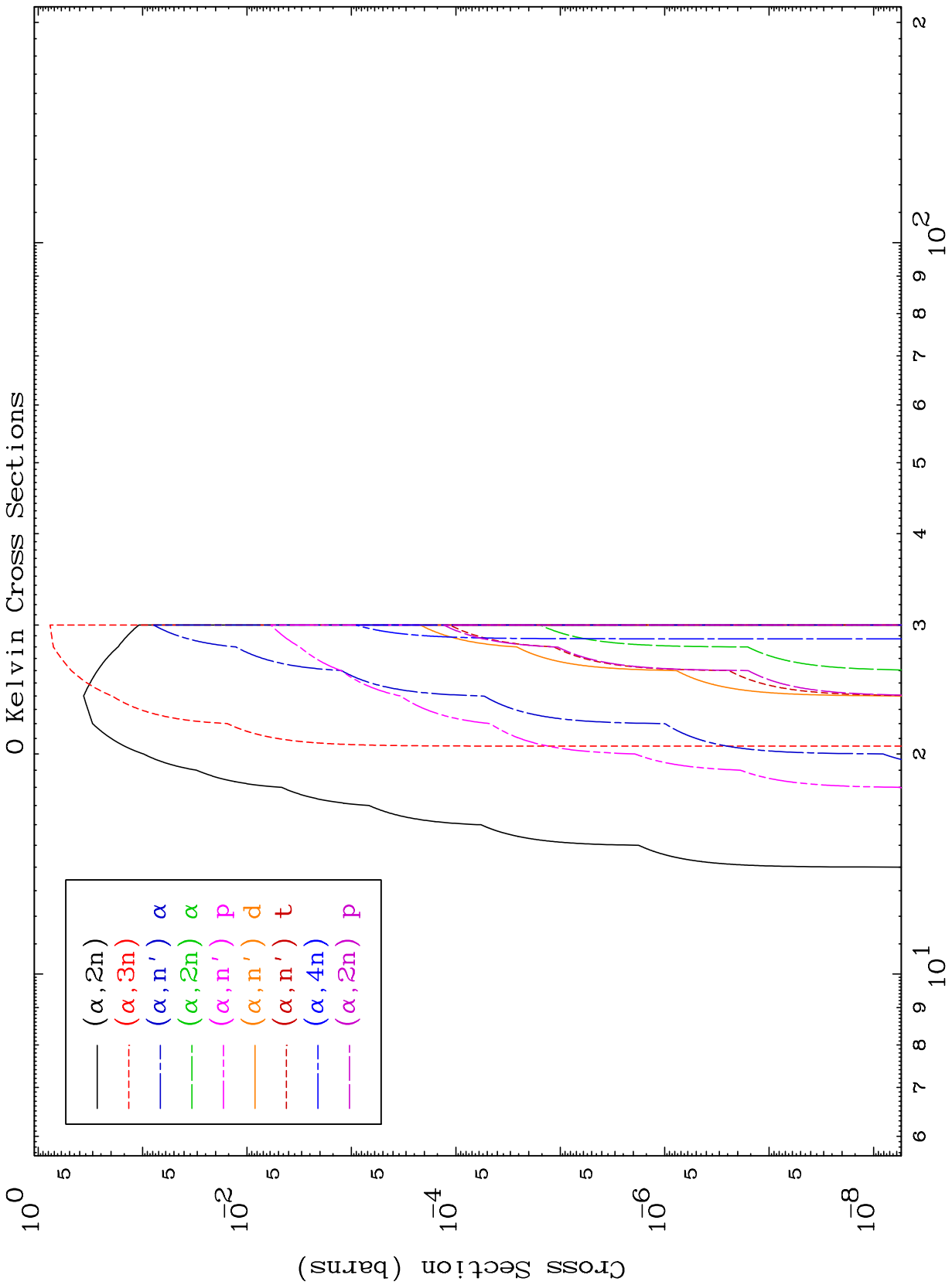
MAT 7740

α Major

77-Ir-196

0 Kelvin Cross Sections

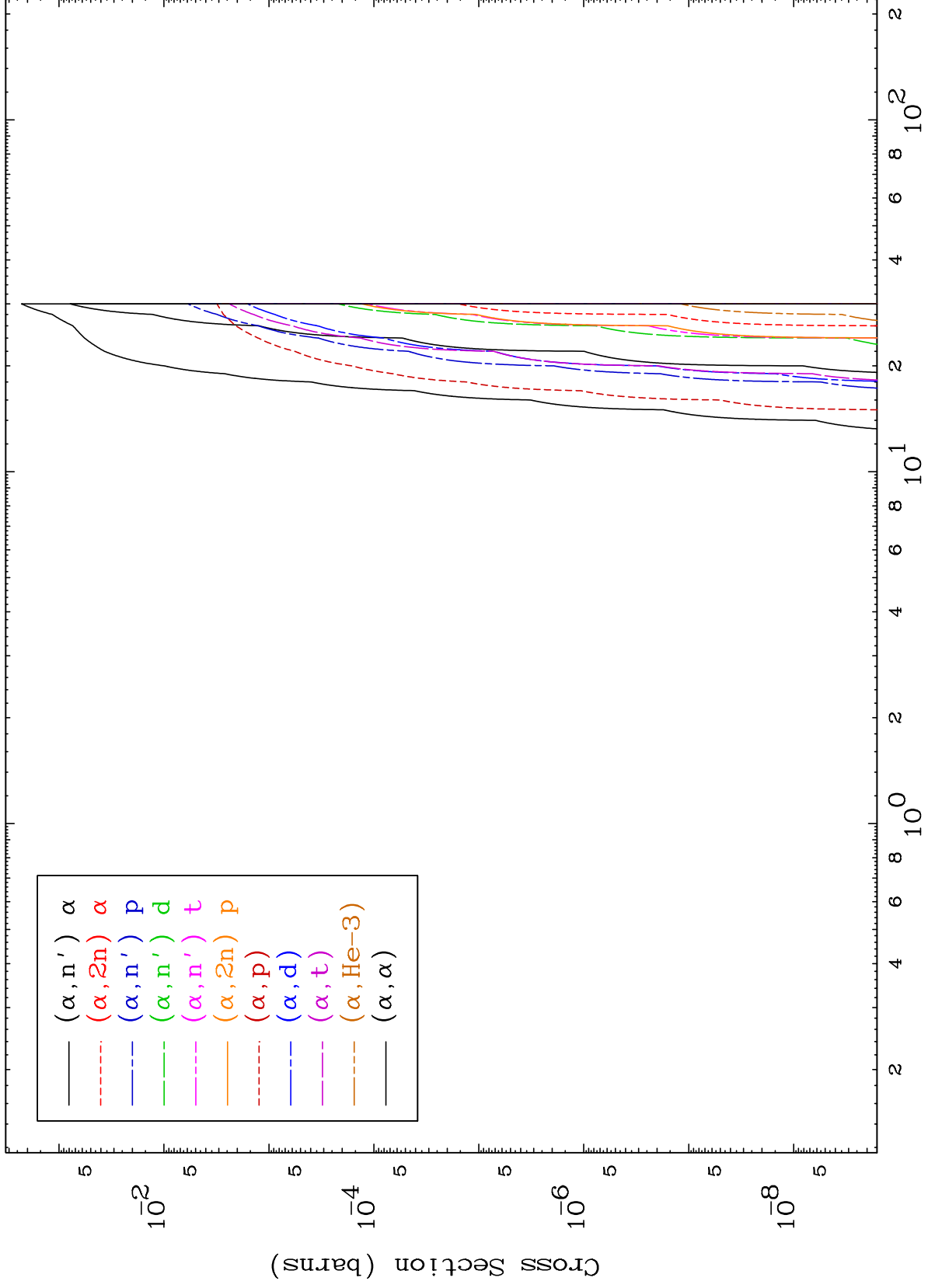




MAT 7740

α Charged Particle
0 Kelvin Cross Sections

77-Ir-196

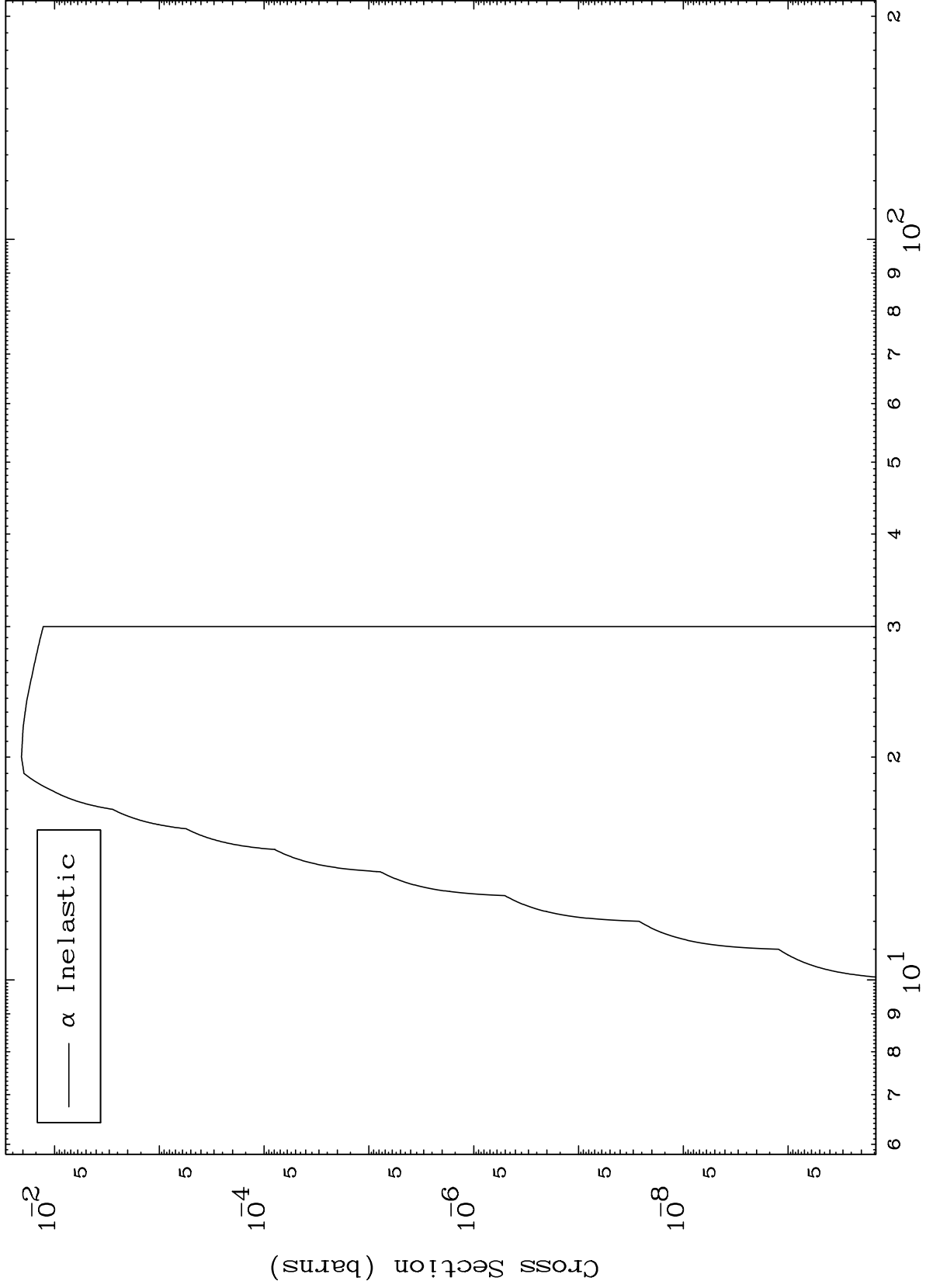


MAT 7740

(α, n') Level

77-Ir-196

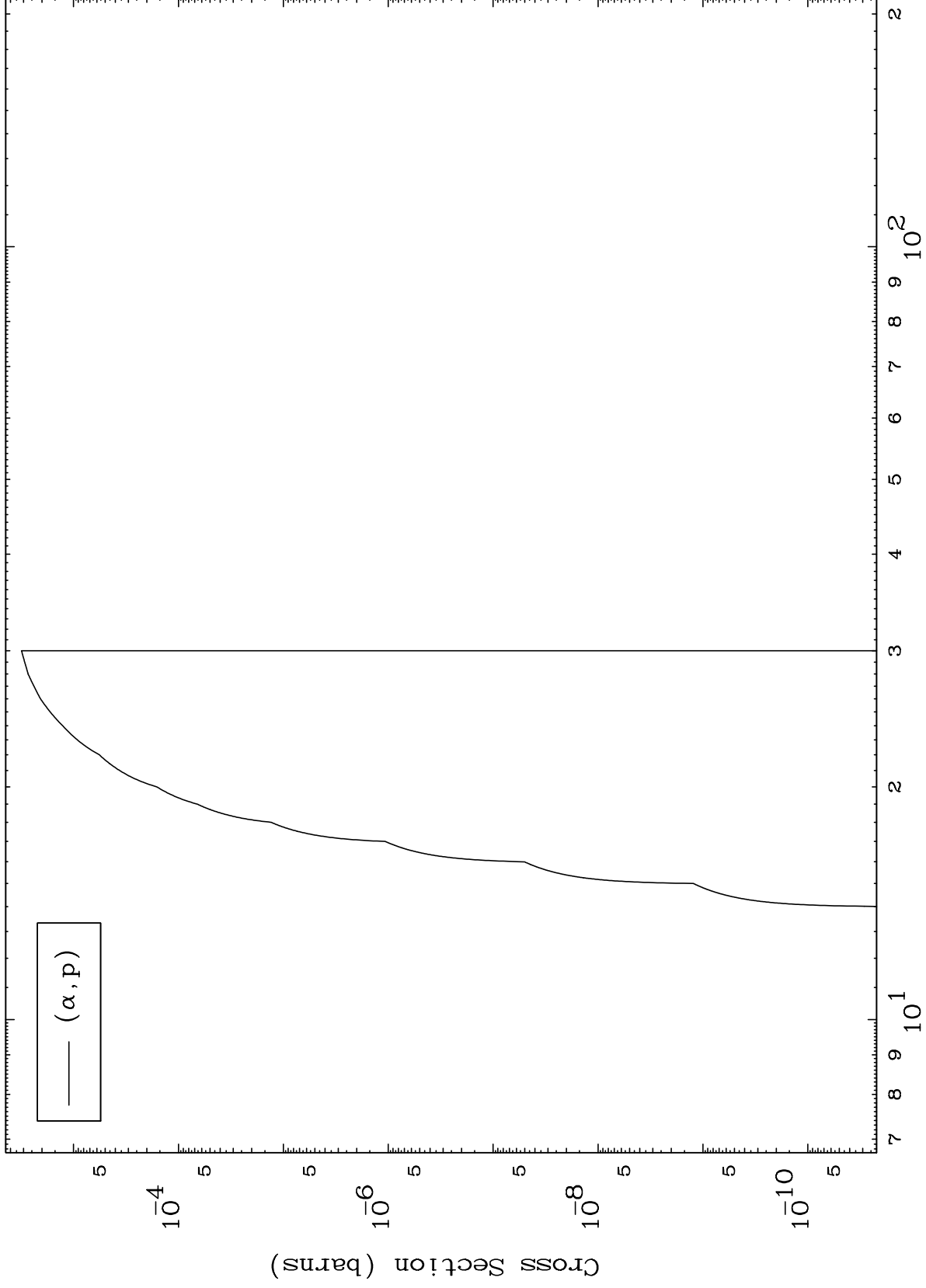
0 Kelvin Cross Sections



MAT 7740

(α, p) Levels
0 Kelvin Cross Sections

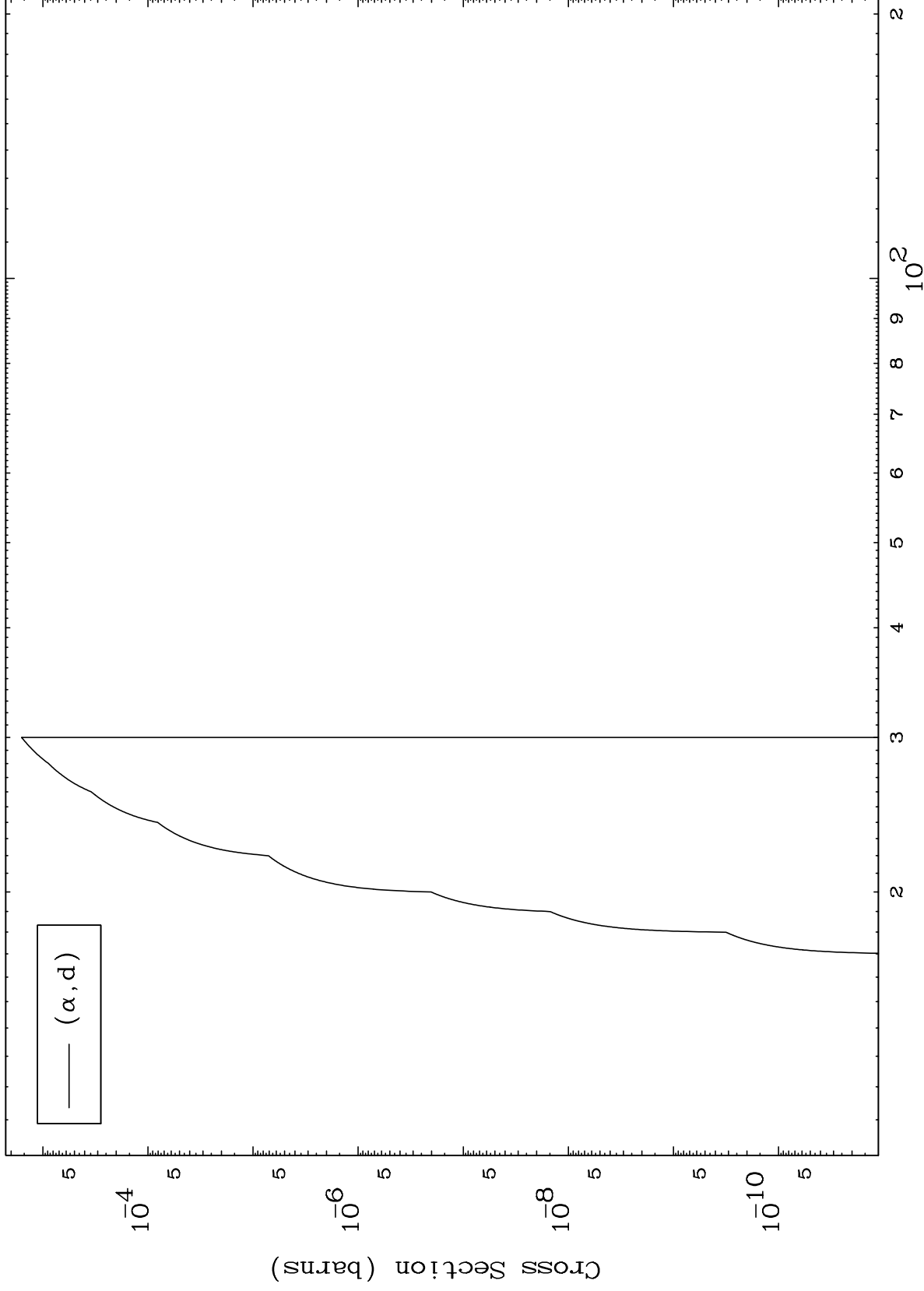
77-Ir-196

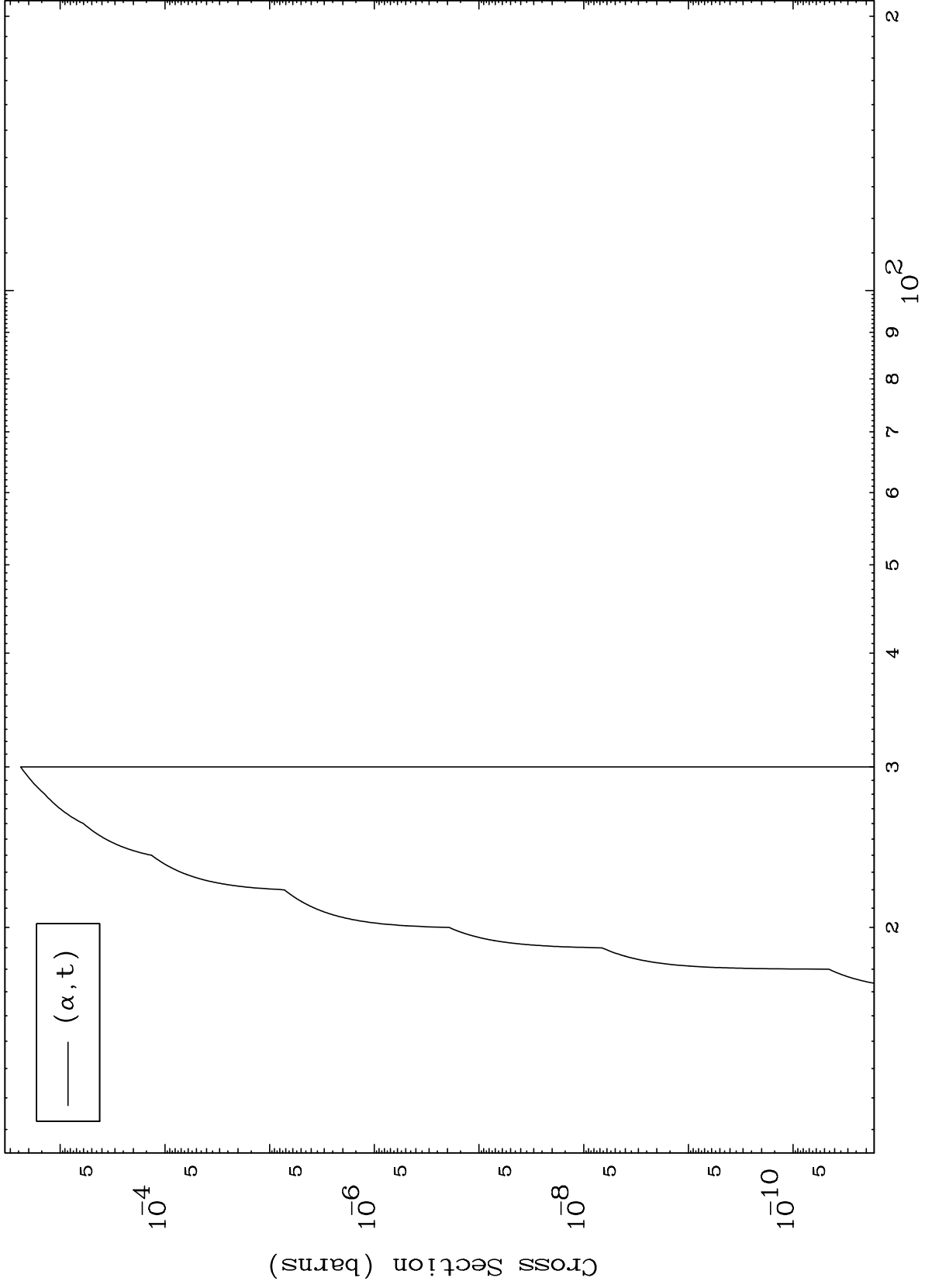


5

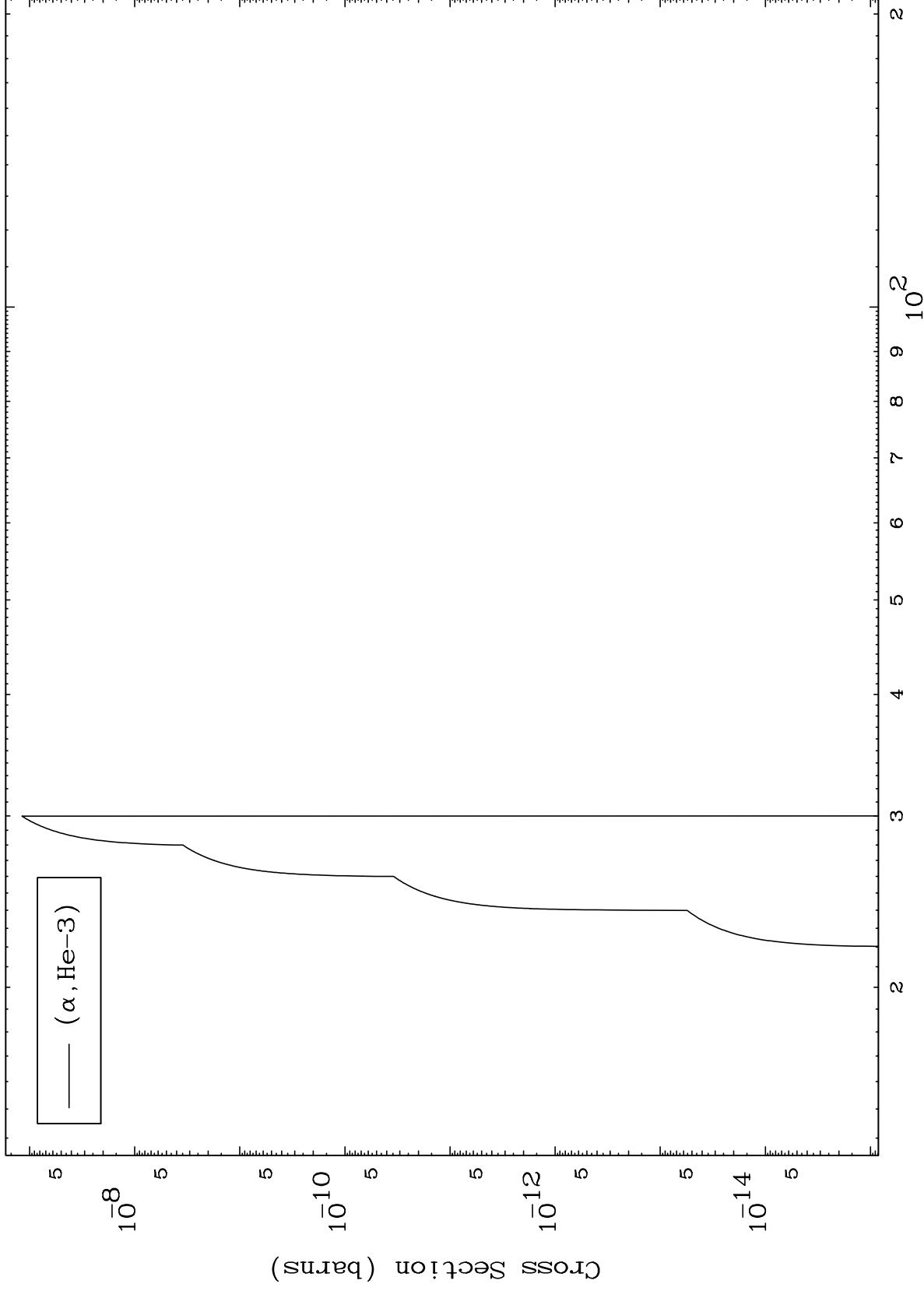
Incident Energy (MeV)

77-Ir-196





0 Kelvin Cross Sections

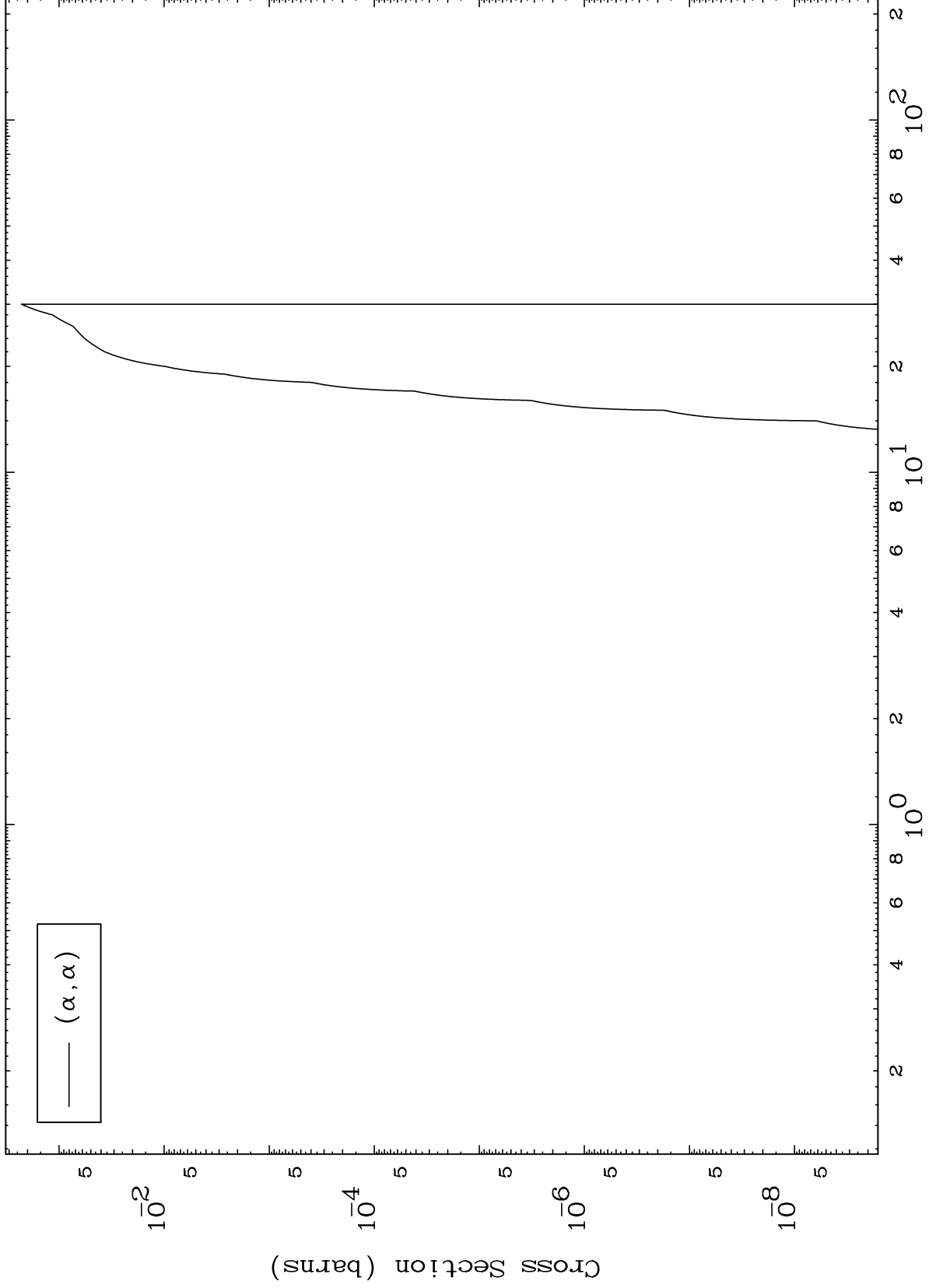


MAT 7740

(α, α) Levels

77-Ir-196

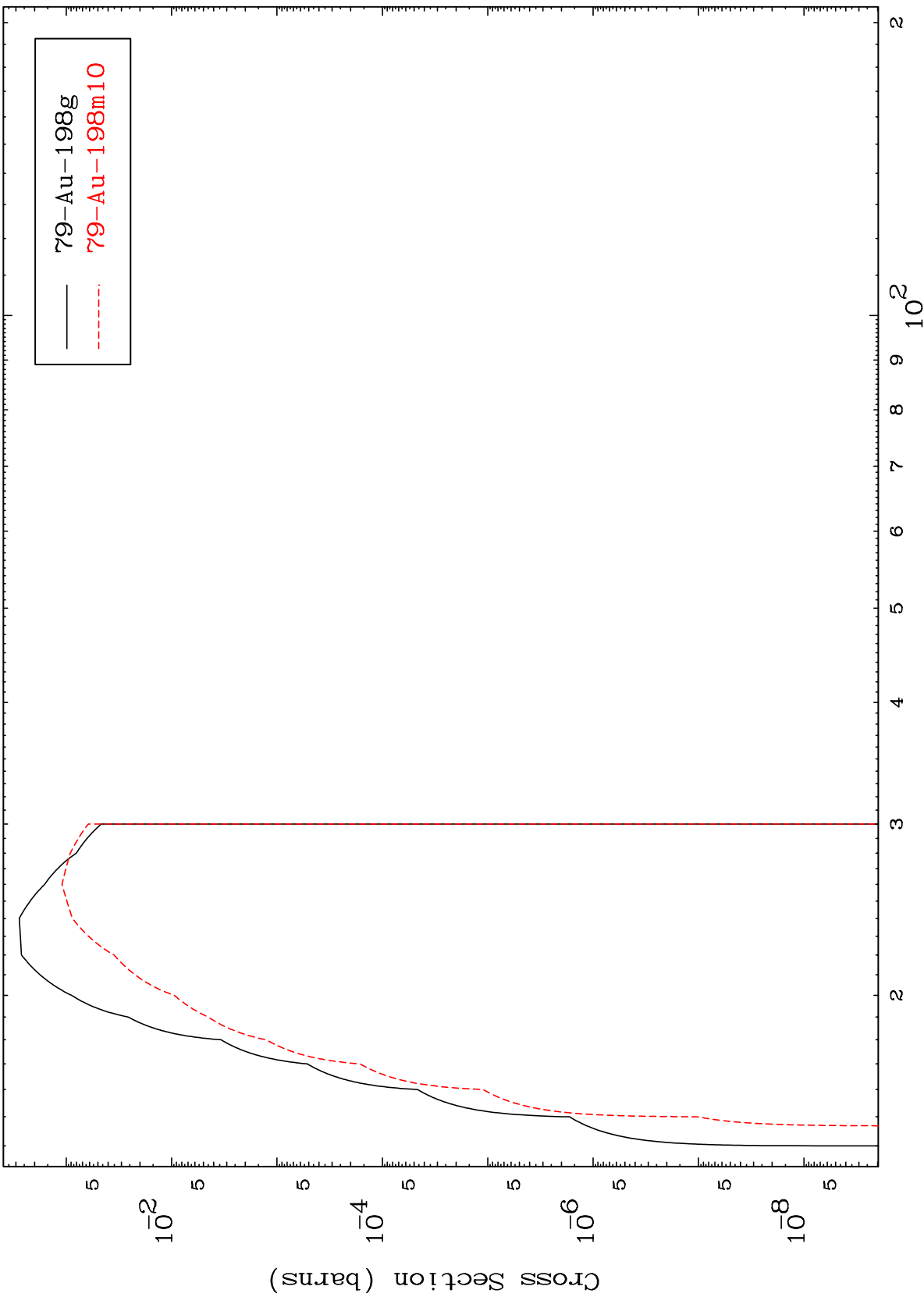
0 Kelvin Cross Sections



MAT 7740

77-Ir-196

($\alpha, 2n$)
Radionuclide Production Cross Section



10

Incident Energy (MeV)

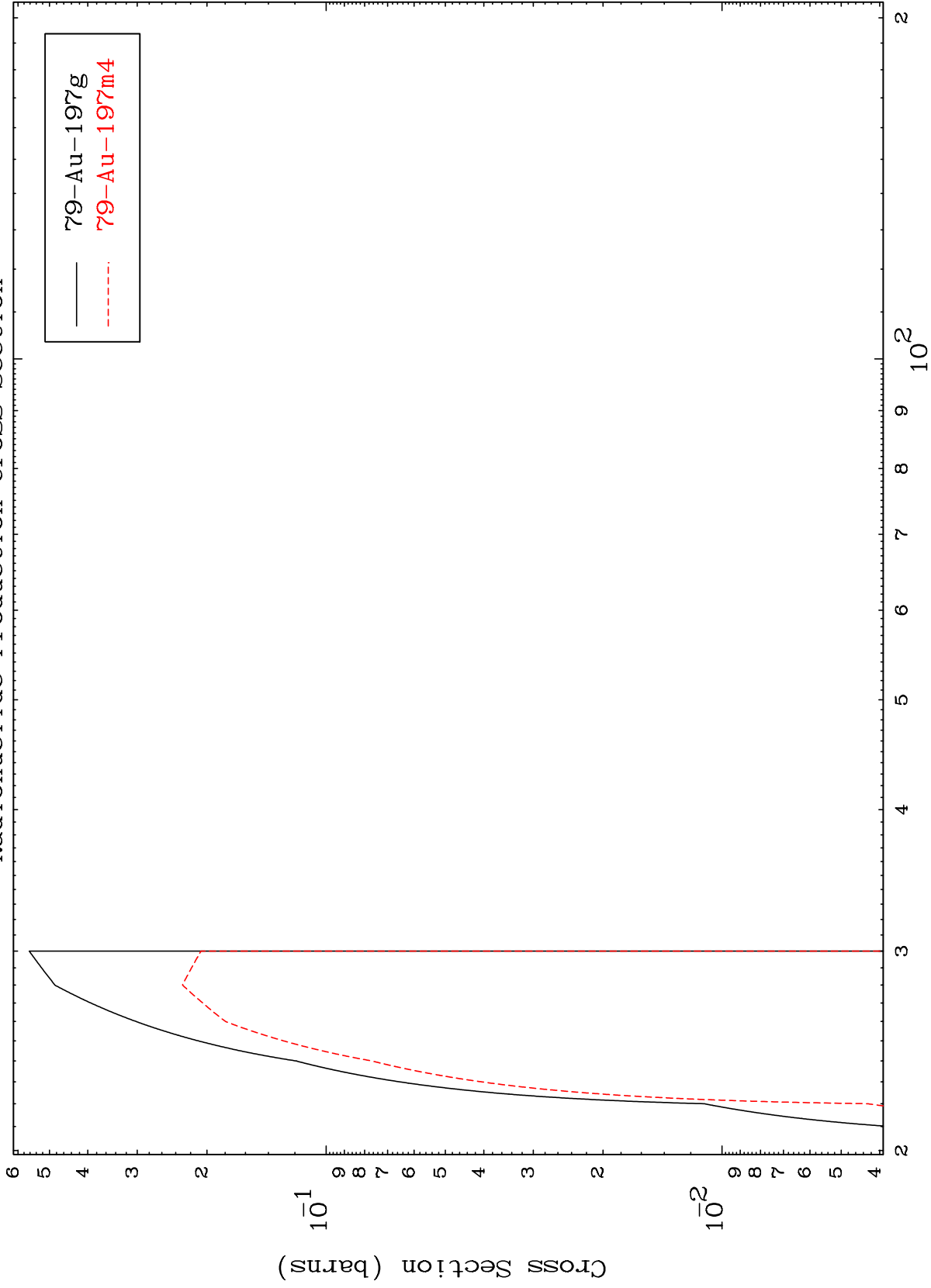
77-Ir-196

MAT 7740

($\alpha, 3n$)

⁷⁷Ir-196

Radionuclide Production Cross Section



11

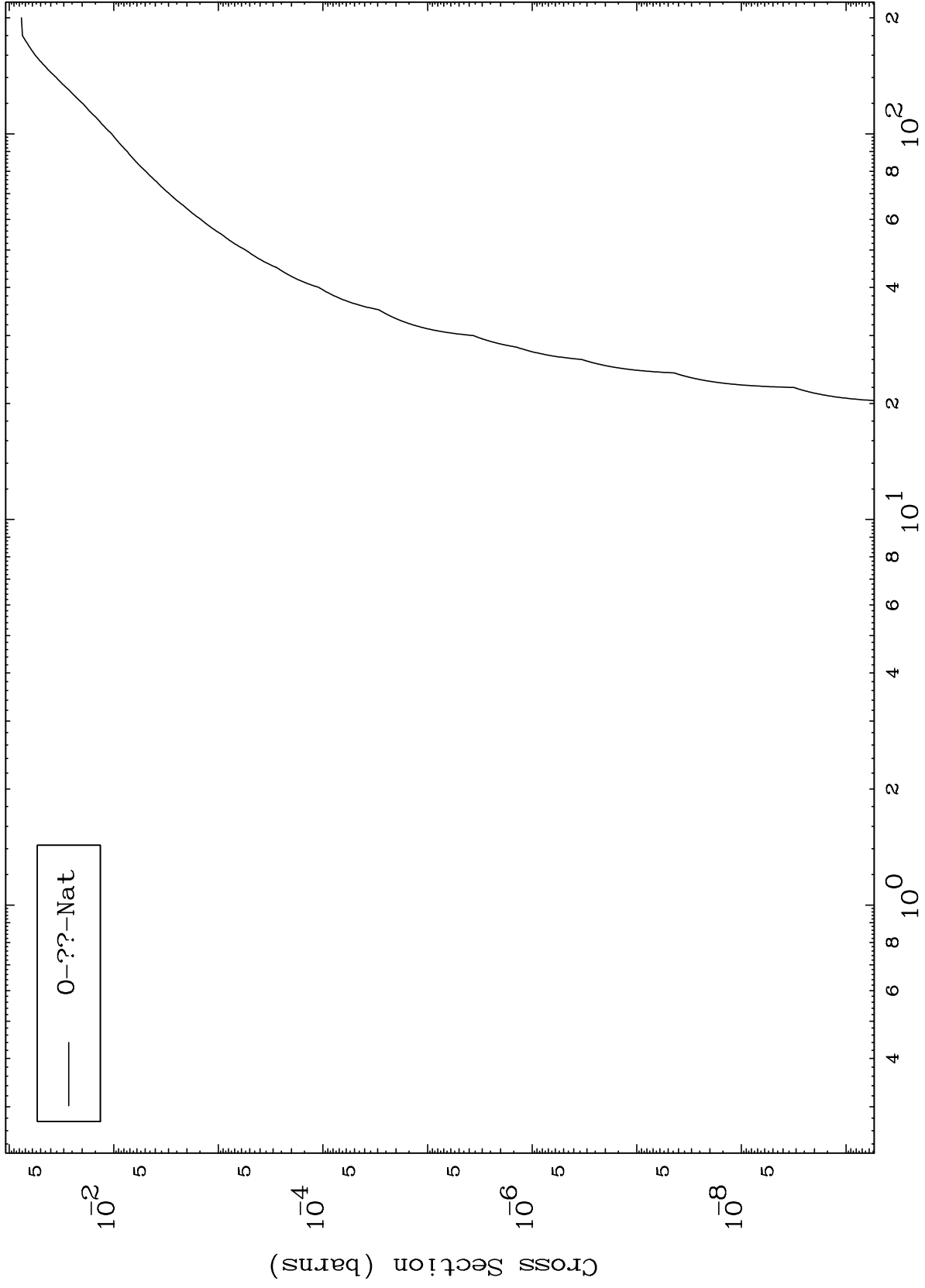
Incident Energy (MeV)

⁷⁷Ir-196

MAT 7740

α Fission
Radionuclide Production Cross Section

77-Ir-196



12

Incident Energy (MeV)

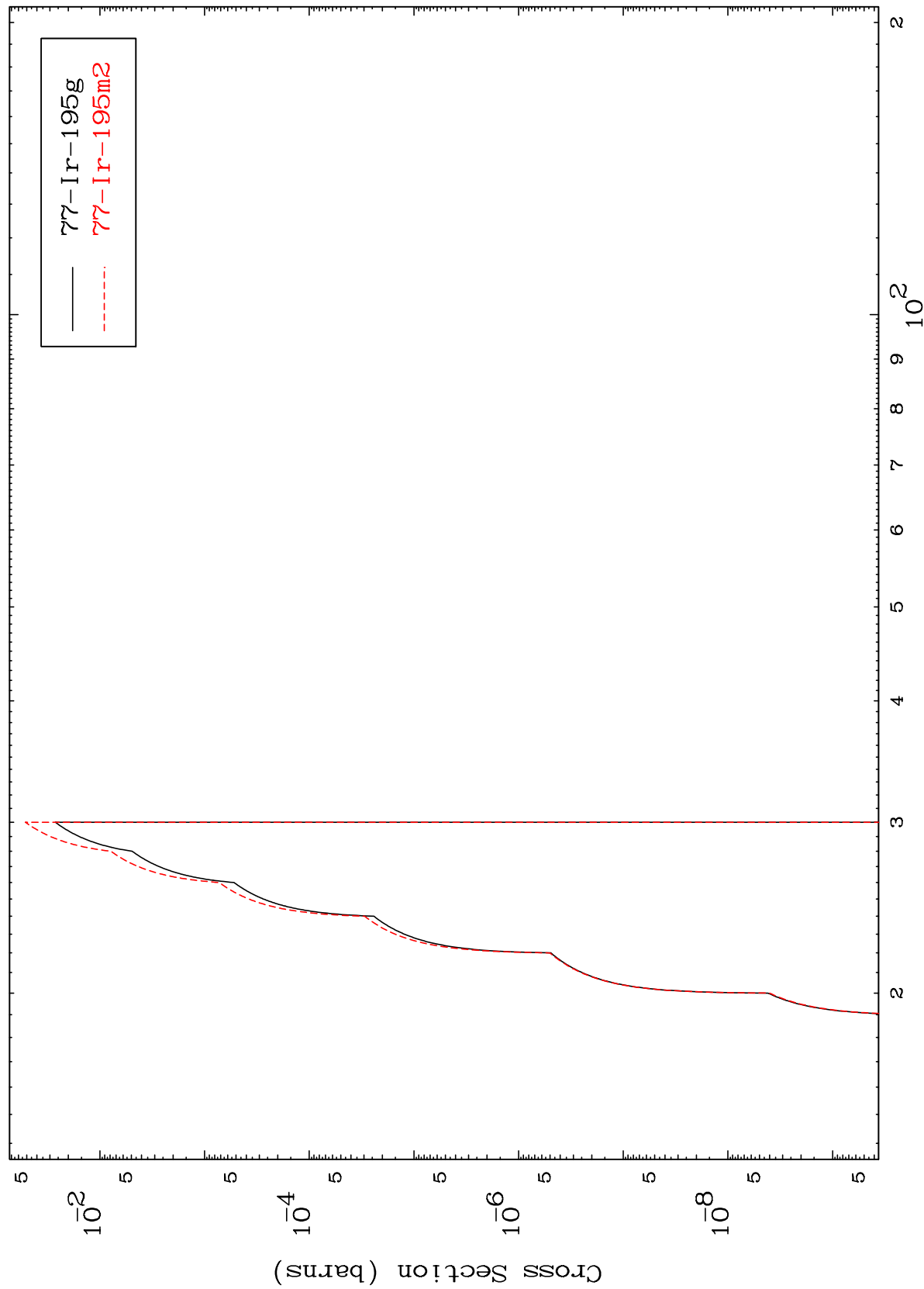
77-Ir-196

MAT 7740

(α, n') α

77-Ir-196

Radionuclide Production Cross Section

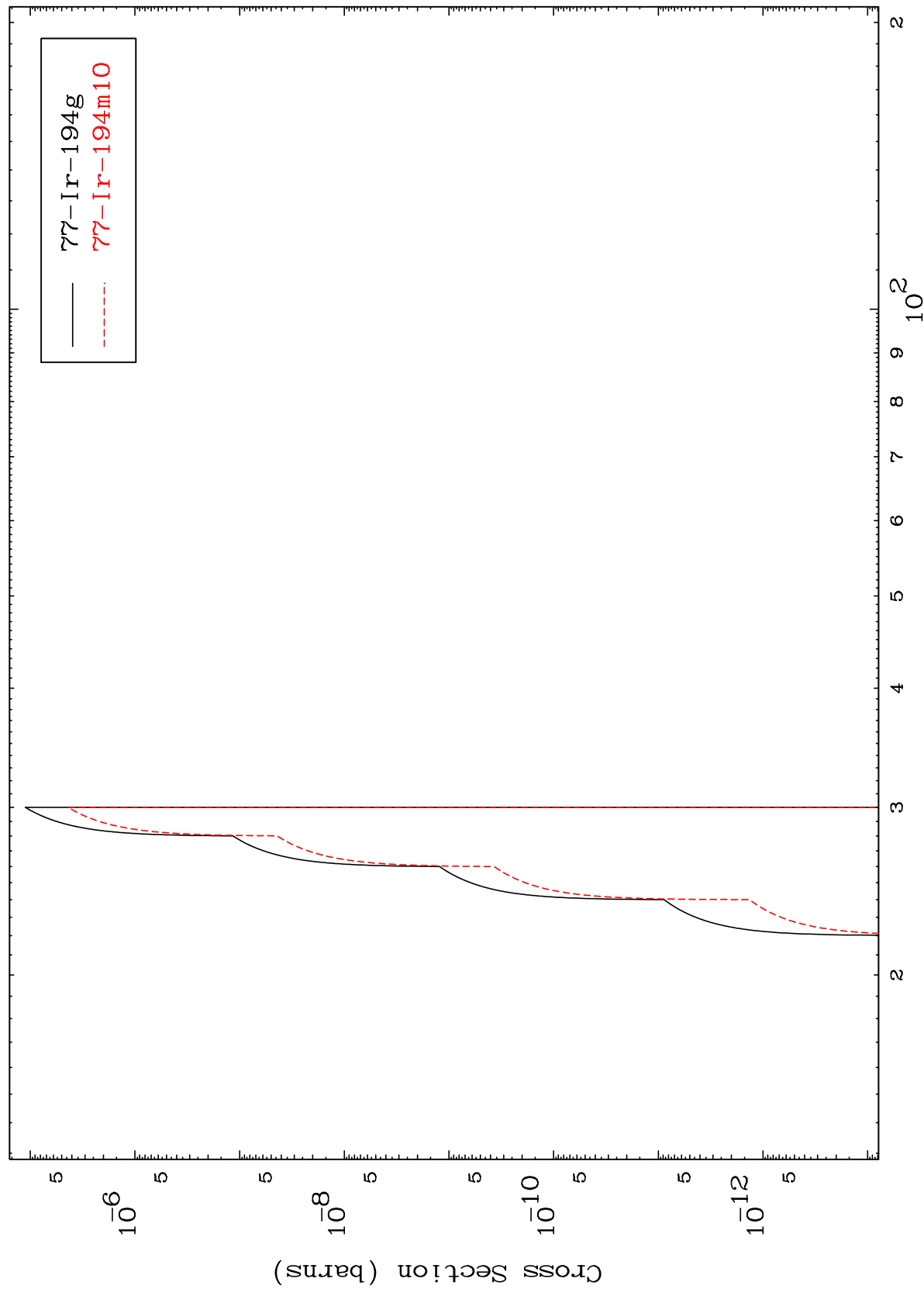


MAT 7740

$(\alpha, 2n)$ α

$^{77}\text{Ir-196}$

Radionuclide Production Cross Section



14

Incident Energy (MeV)

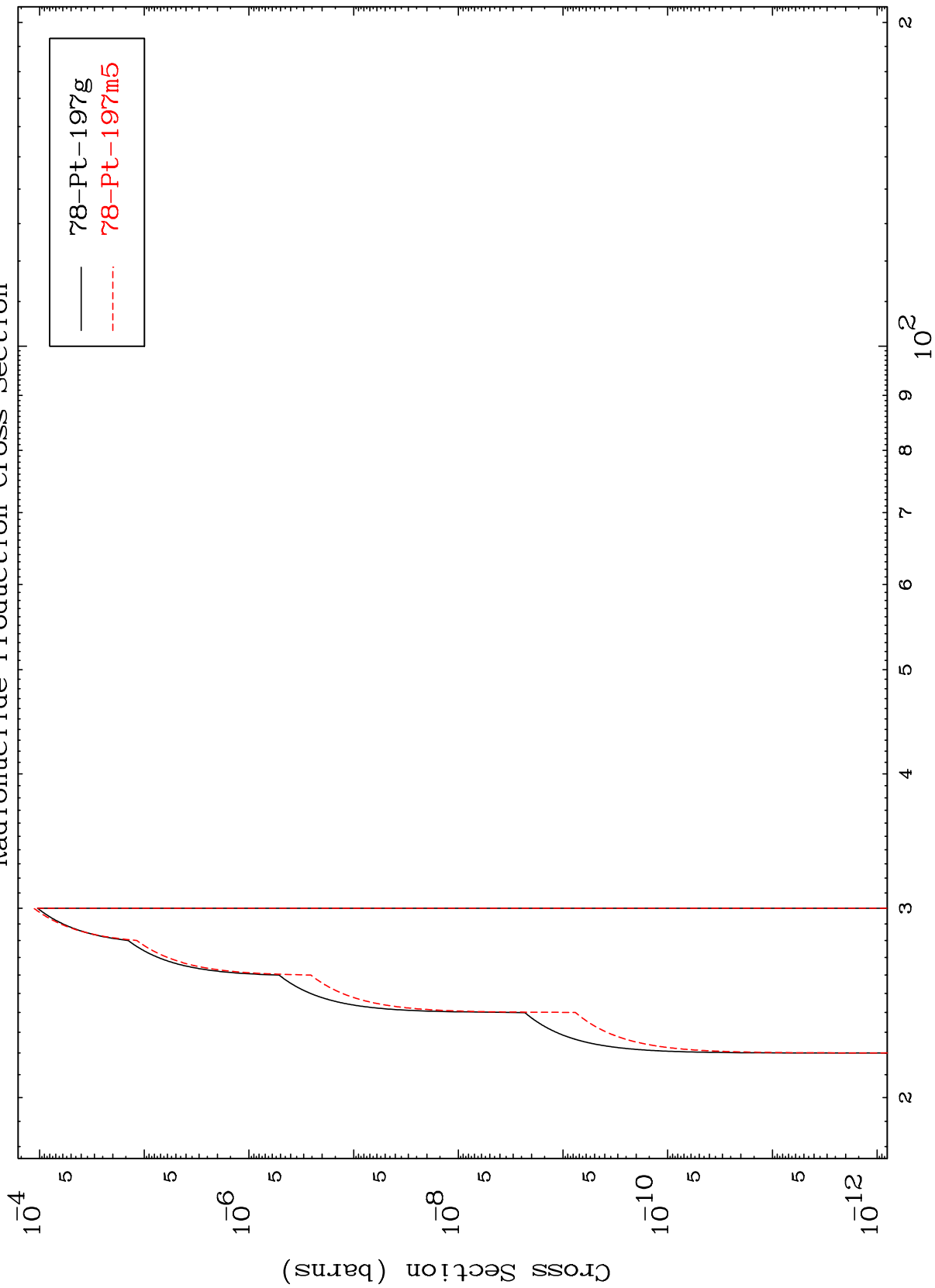
$^{77}\text{Ir-196}$

MAT 7740

(α, n') d

77-Ir-196

Radionuclide Production Cross Section



15

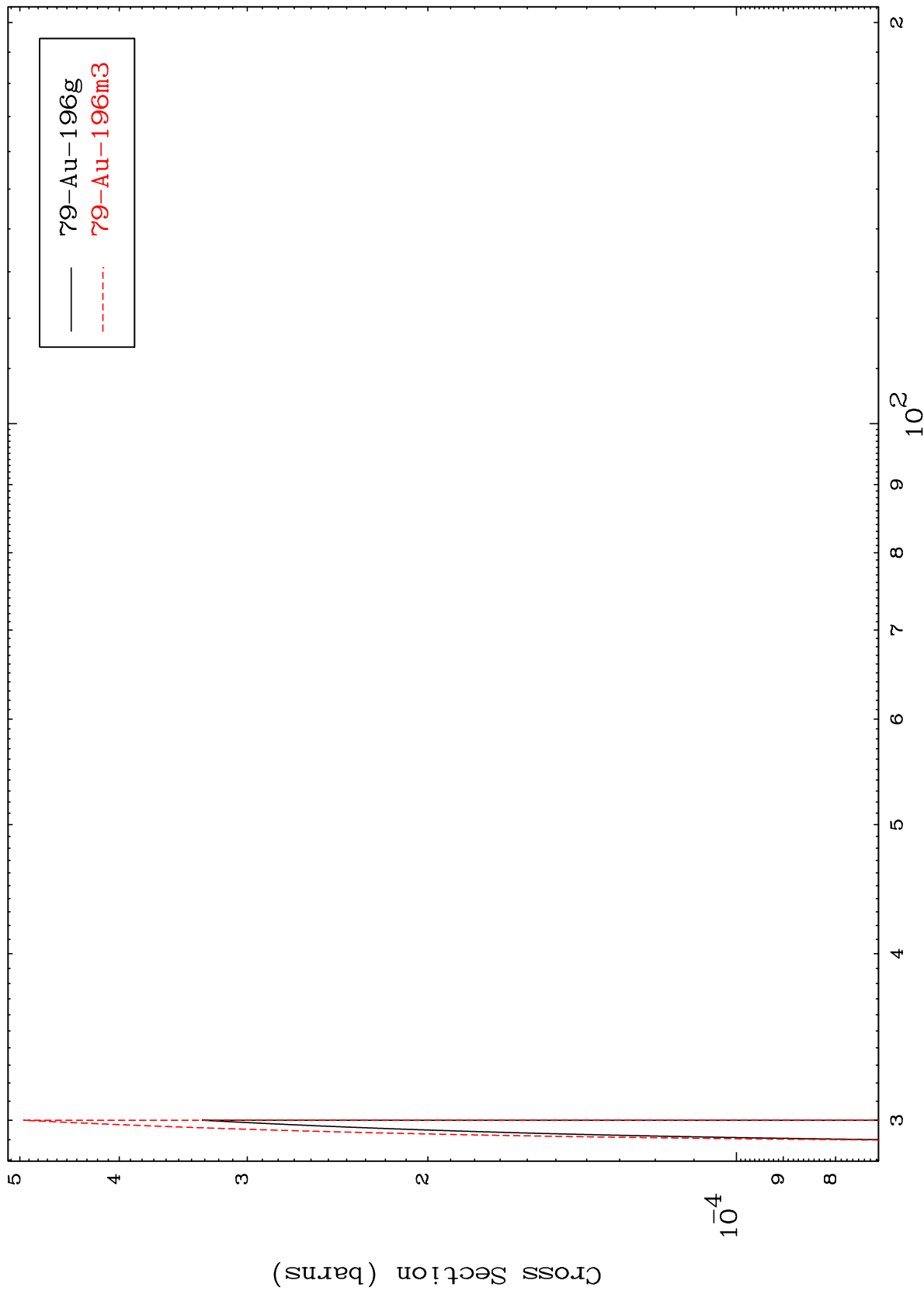
Incident Energy (MeV)

77-Ir-196

MAT 7740

77-Ir-196

($\alpha, 4n$)
Radionuclide Production Cross Section



16

Incident Energy (MeV)

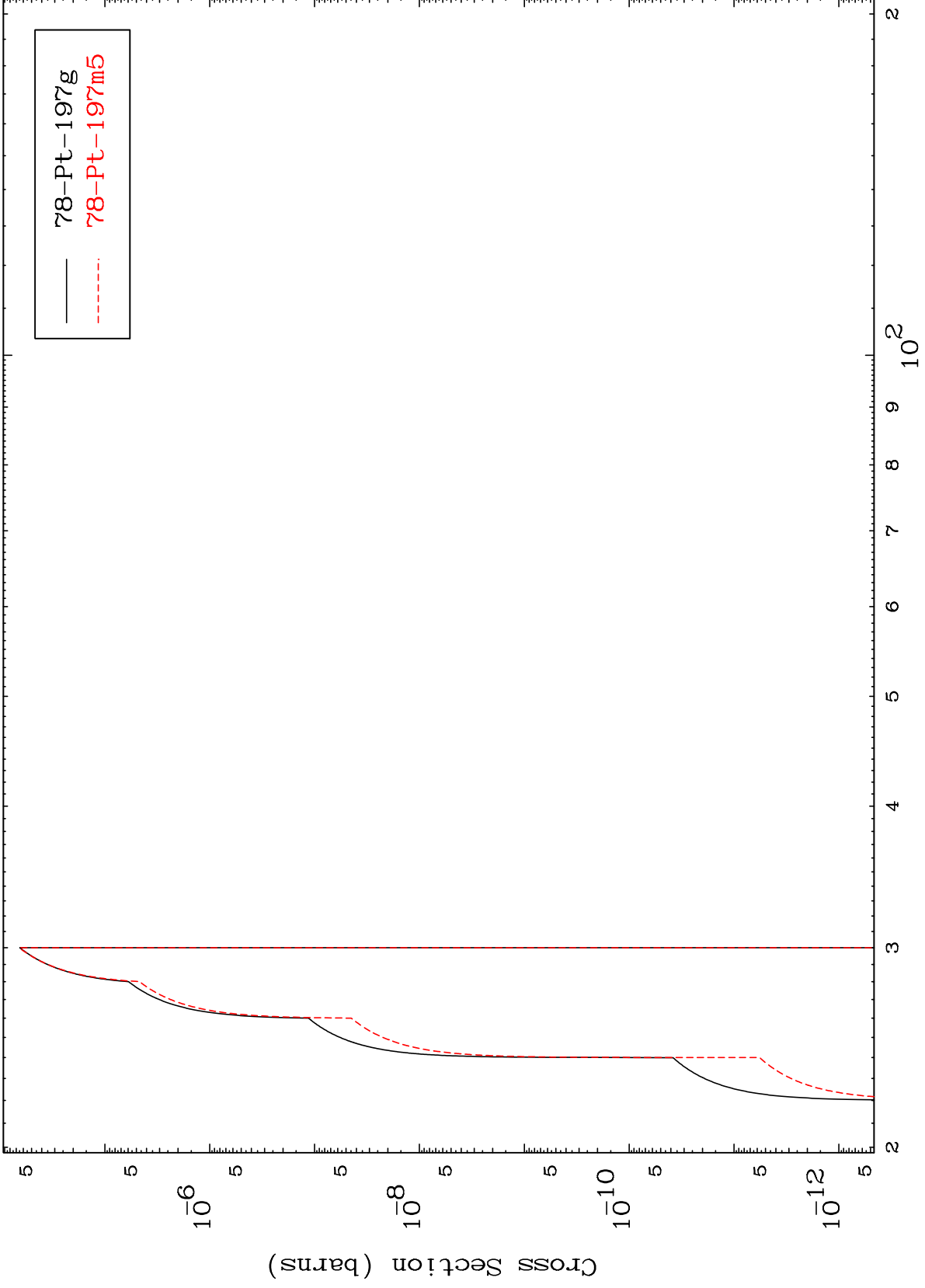
77-Ir-196

MAT 7740

$(\alpha, 2n)$ p

77-Ir-196

Radionuclide Production Cross Section



17

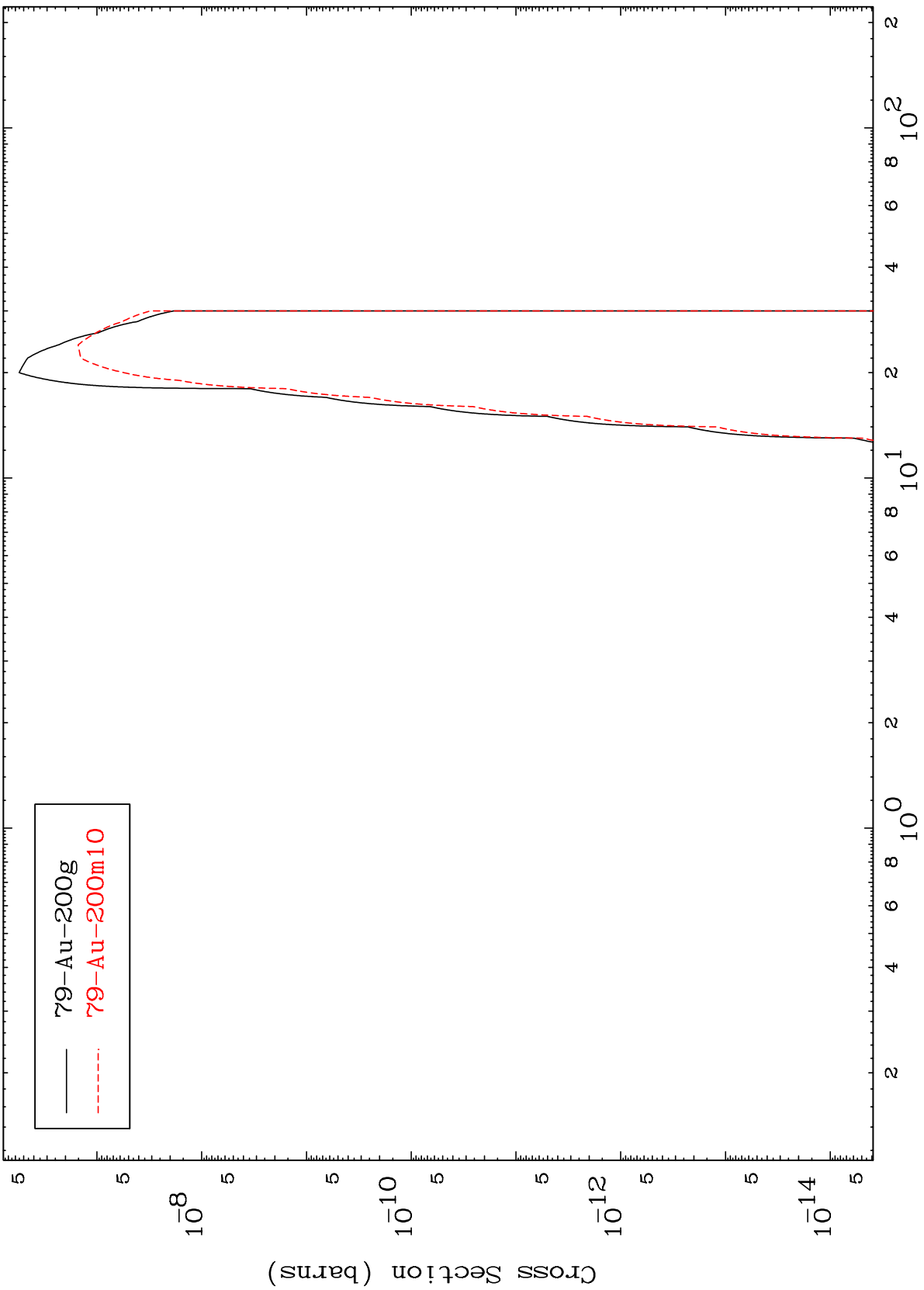
Incident Energy (MeV)

77-Ir-196

MAT 7740

77-Ir-196

(α, γ)
Radionuclide Production Cross Section



77-Ir-196

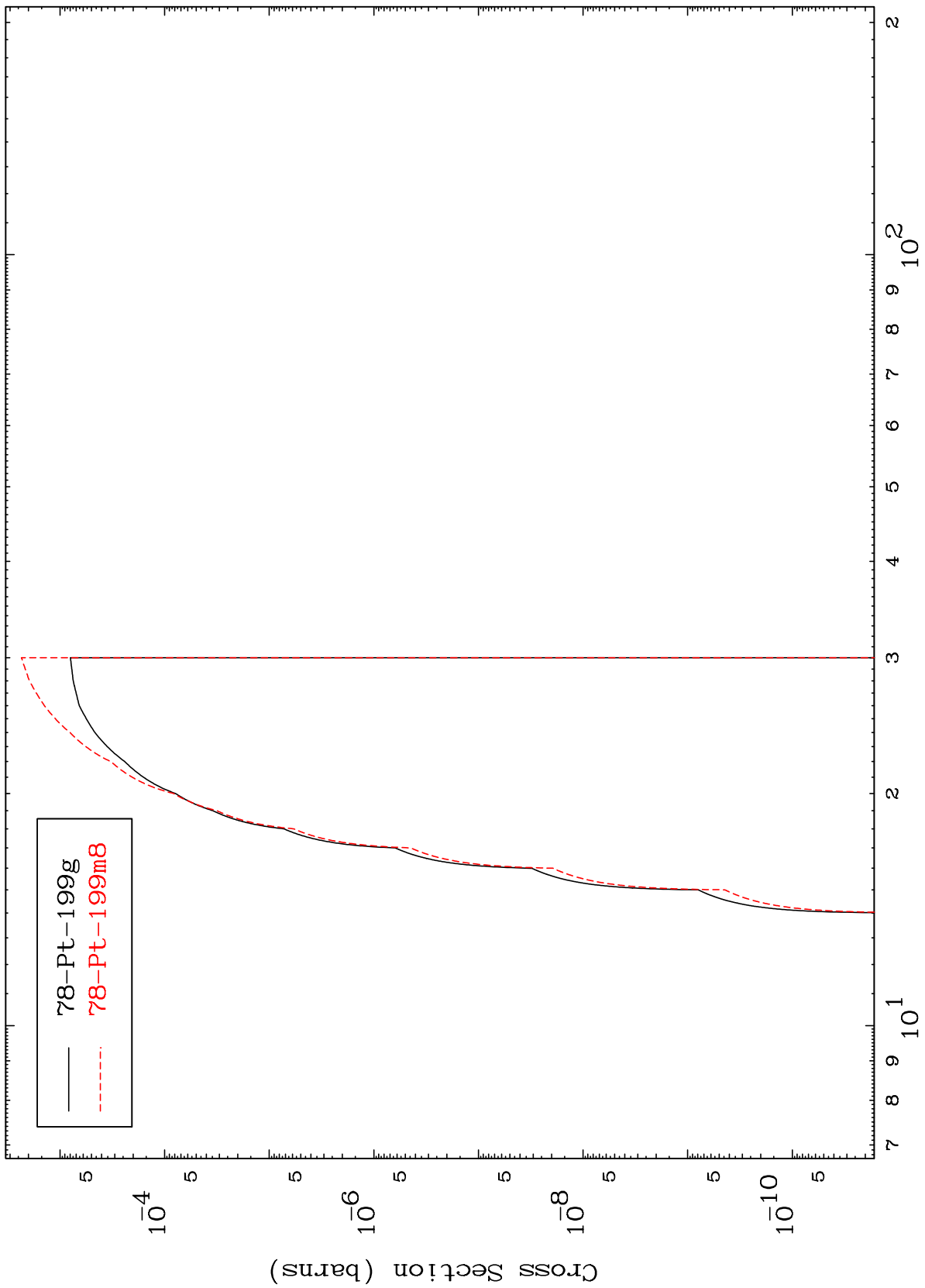
Incident Energy (MeV)

18

MAT 7740

77-Ir-196

(α, p)
Radionuclide Production Cross Section



19

Incident Energy (MeV)

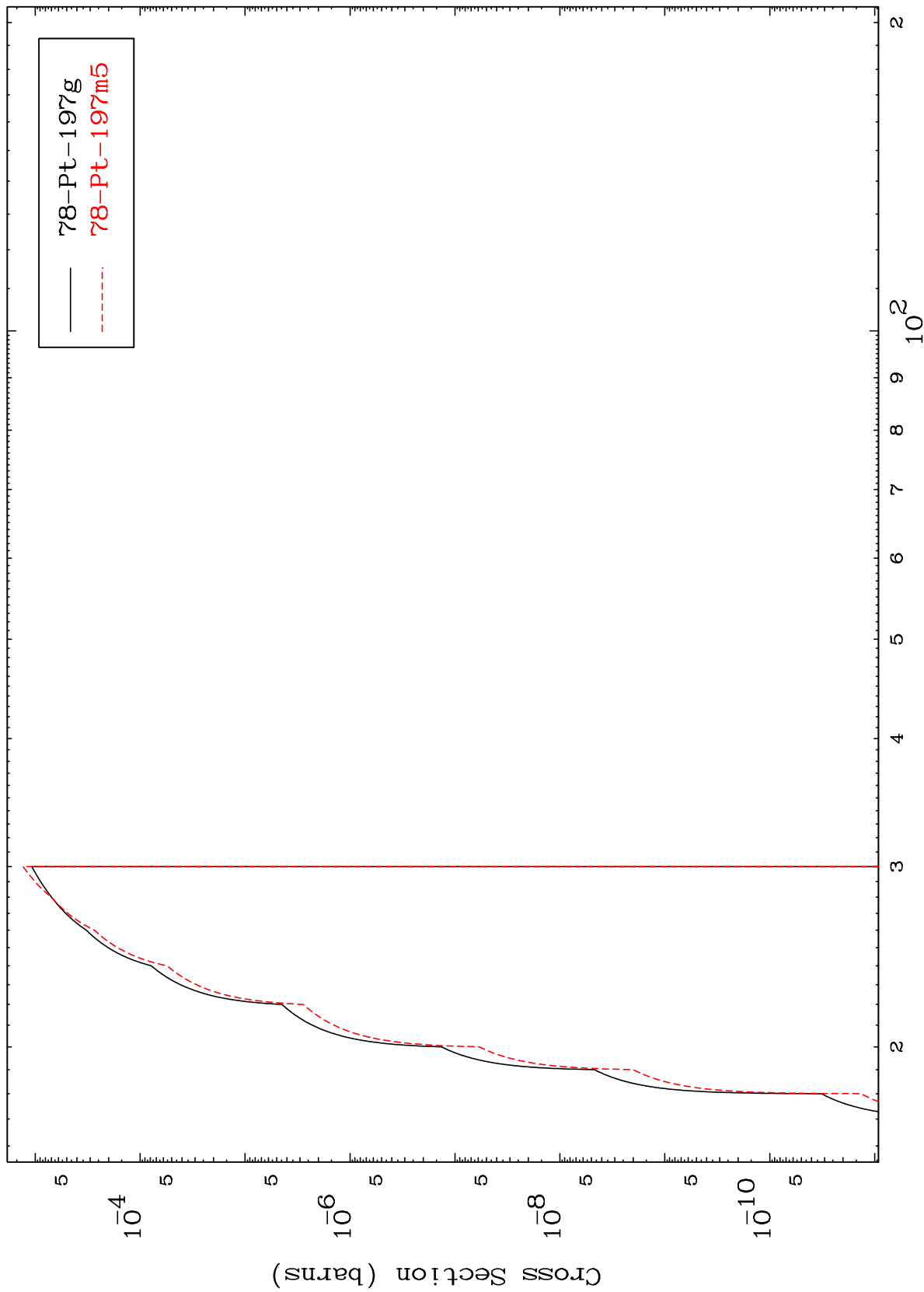
77-Ir-196

MAT 7740

(α, t)

77-Ir-196

Radionuclide Production Cross Section

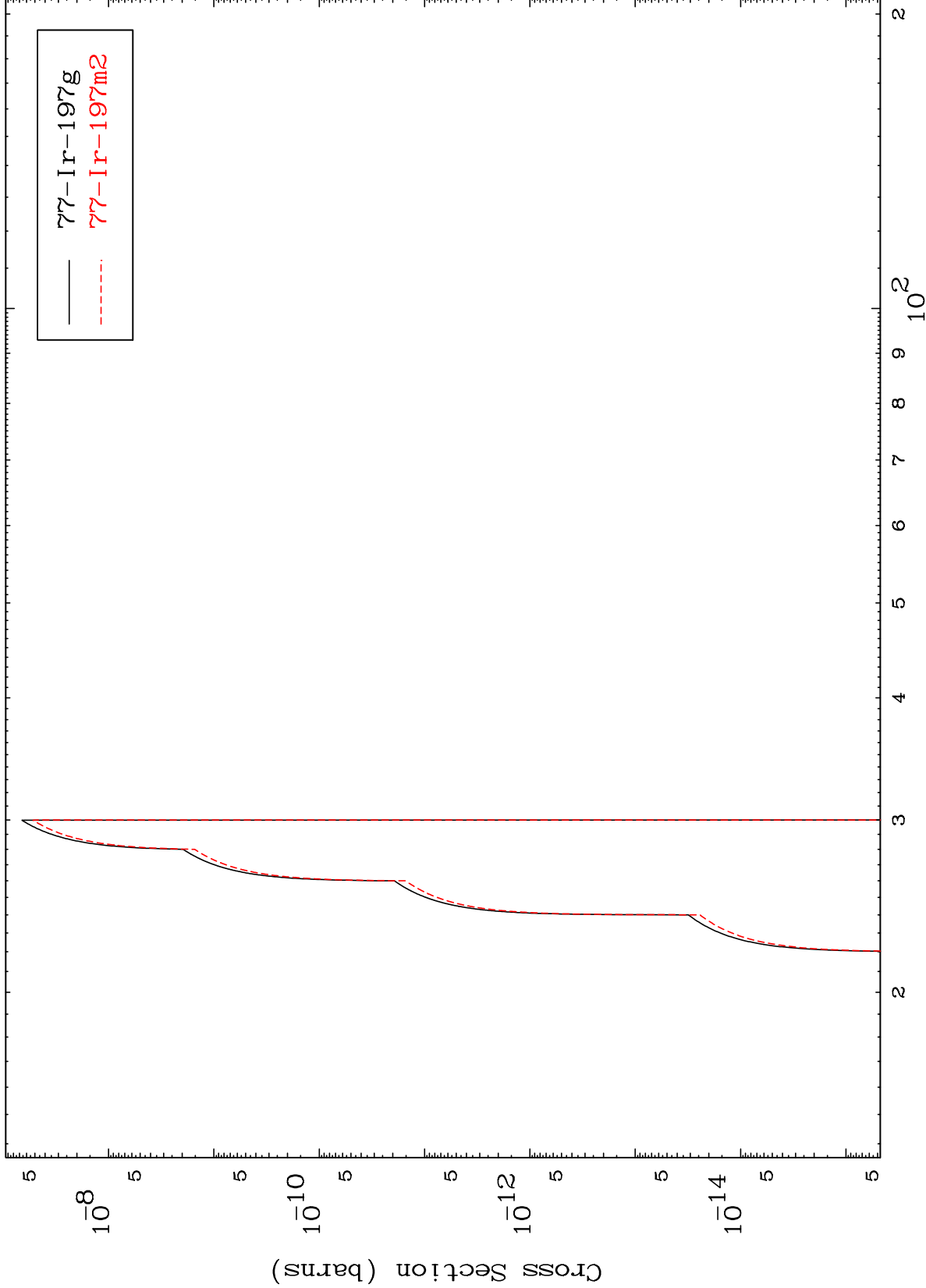


20

Incident Energy (MeV)

77-Ir-196

Radionuclide Production Cross Section



MAT 7740

(α, α)

⁷⁷Ir-196

Radionuclide Production Cross Section

