

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

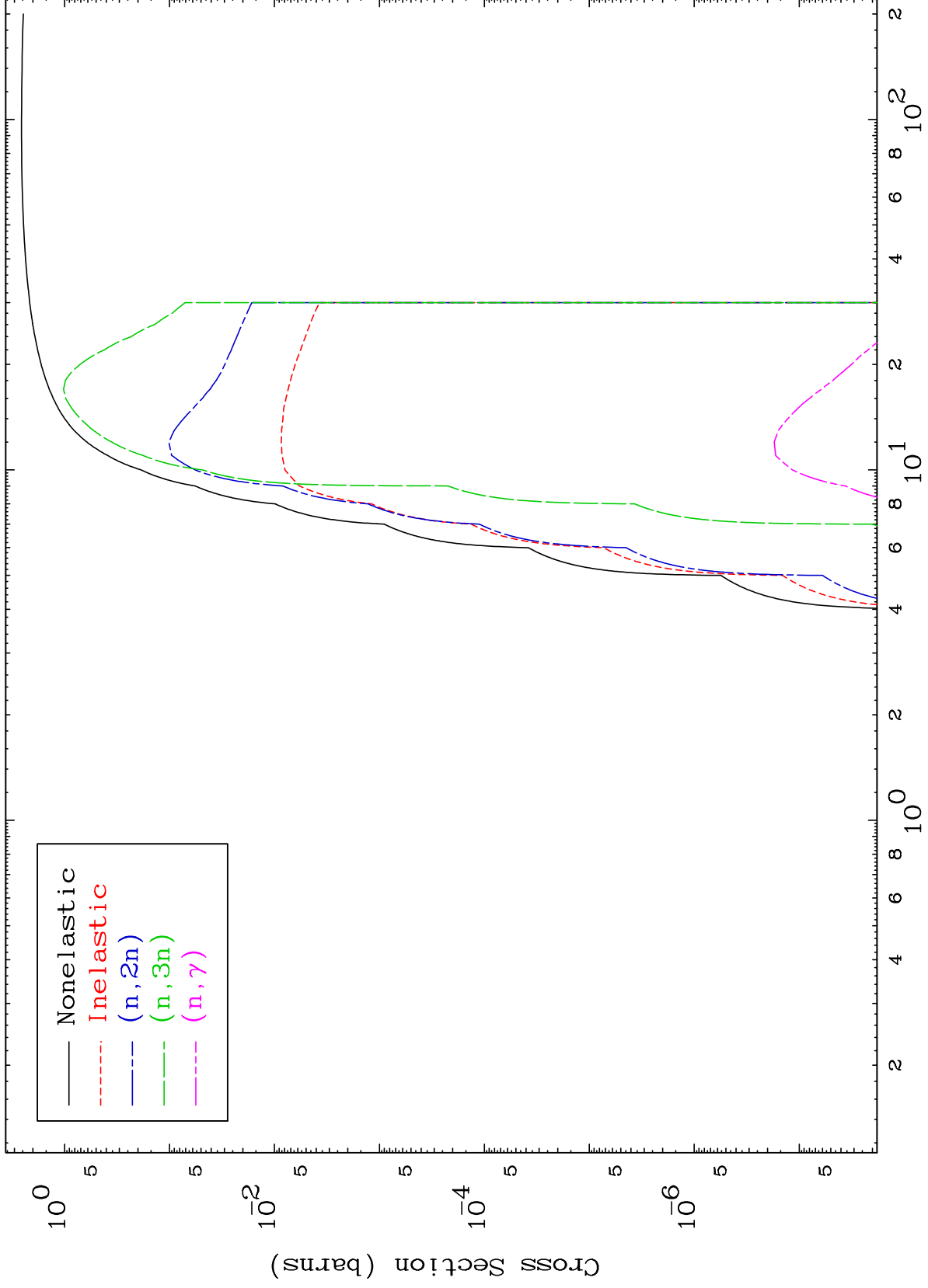
Press Mouse Button to Start

MAT 7740

Triton Major

77-Ir-196

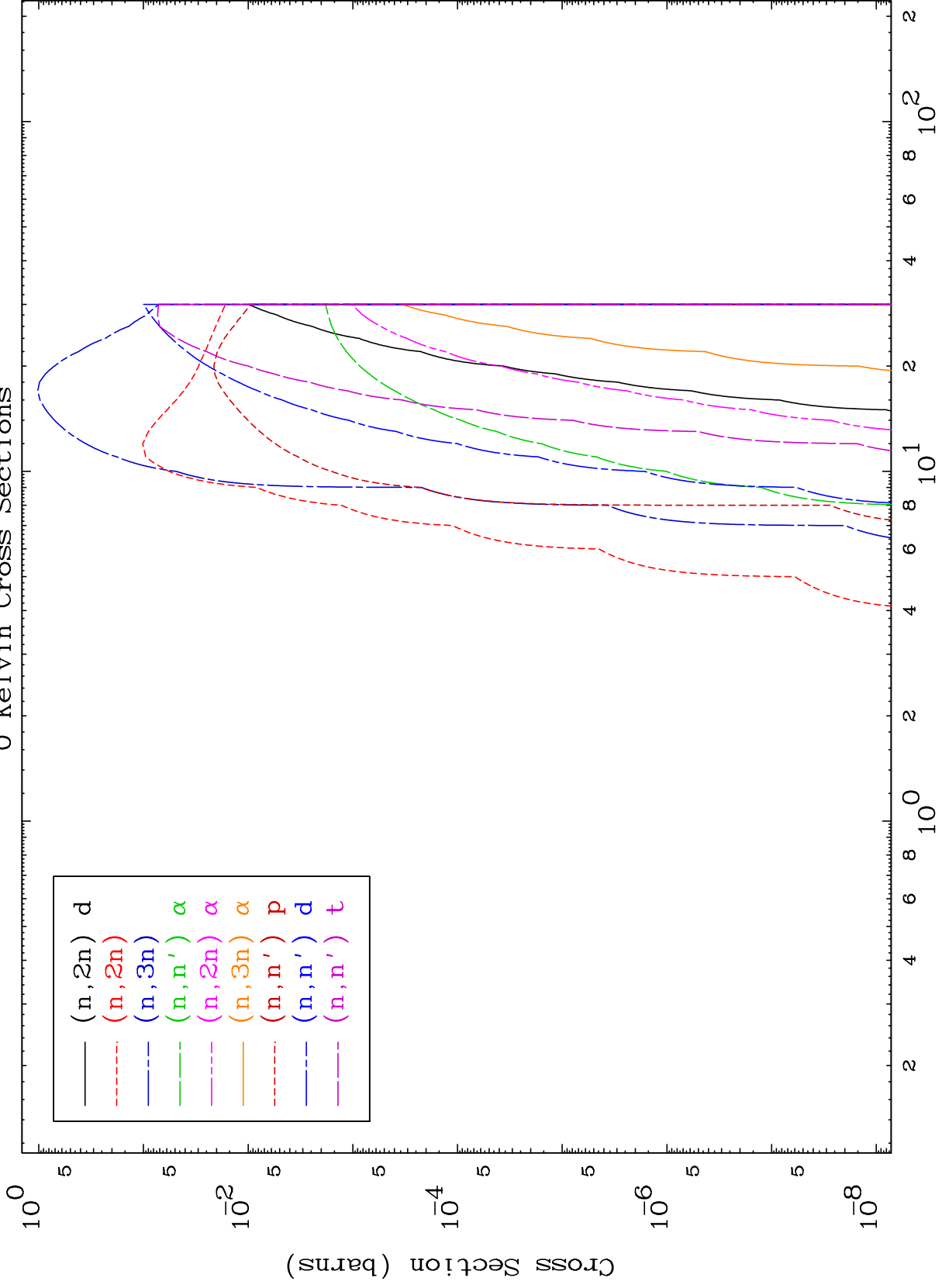
0 Kelvin Cross Sections



MAT 7740

Triton Neutron Absorption
0 Kelvin Cross Sections

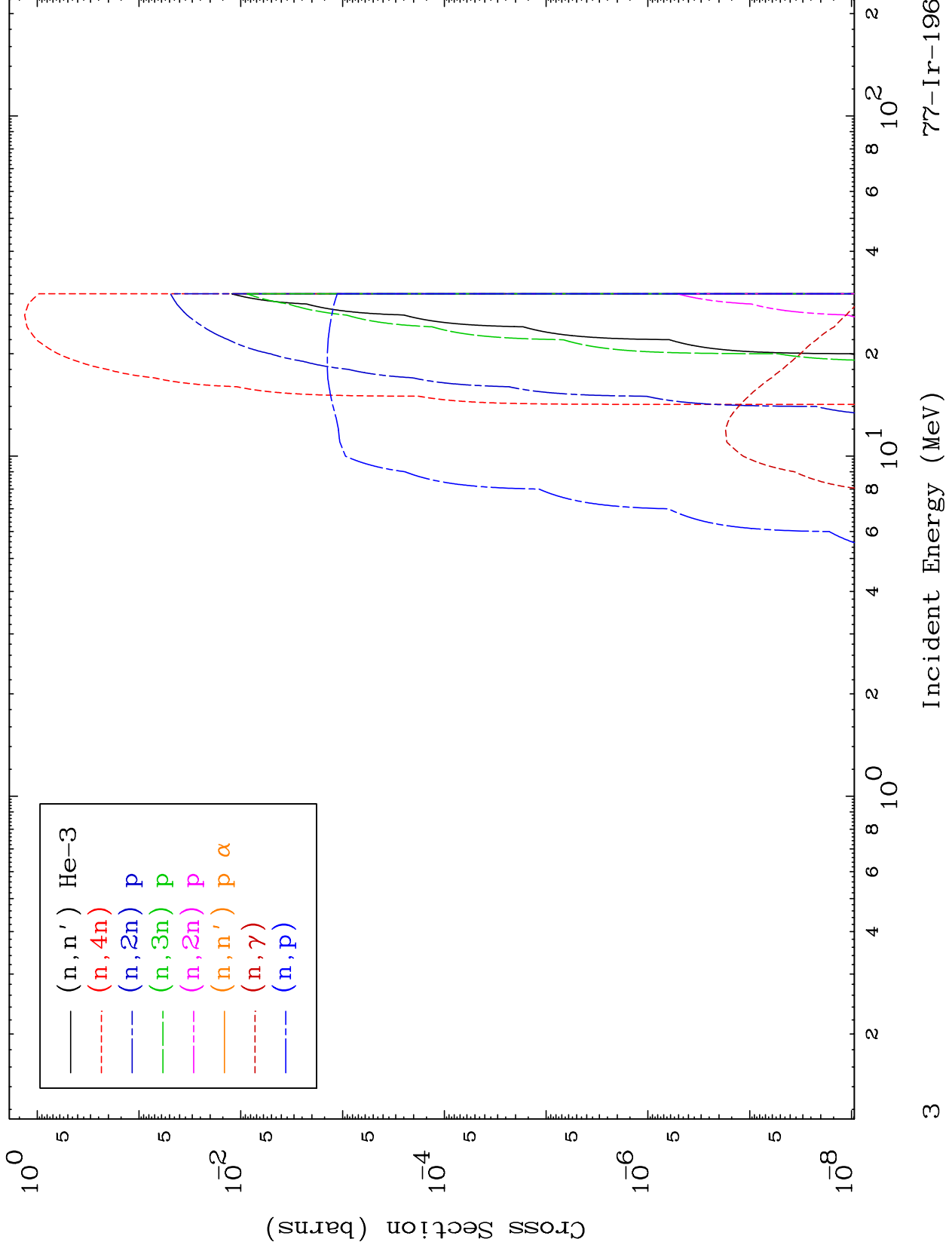
77-Ir-196



MAT 7740

Triton Neutron Absorption
0 Kelvin Cross Sections

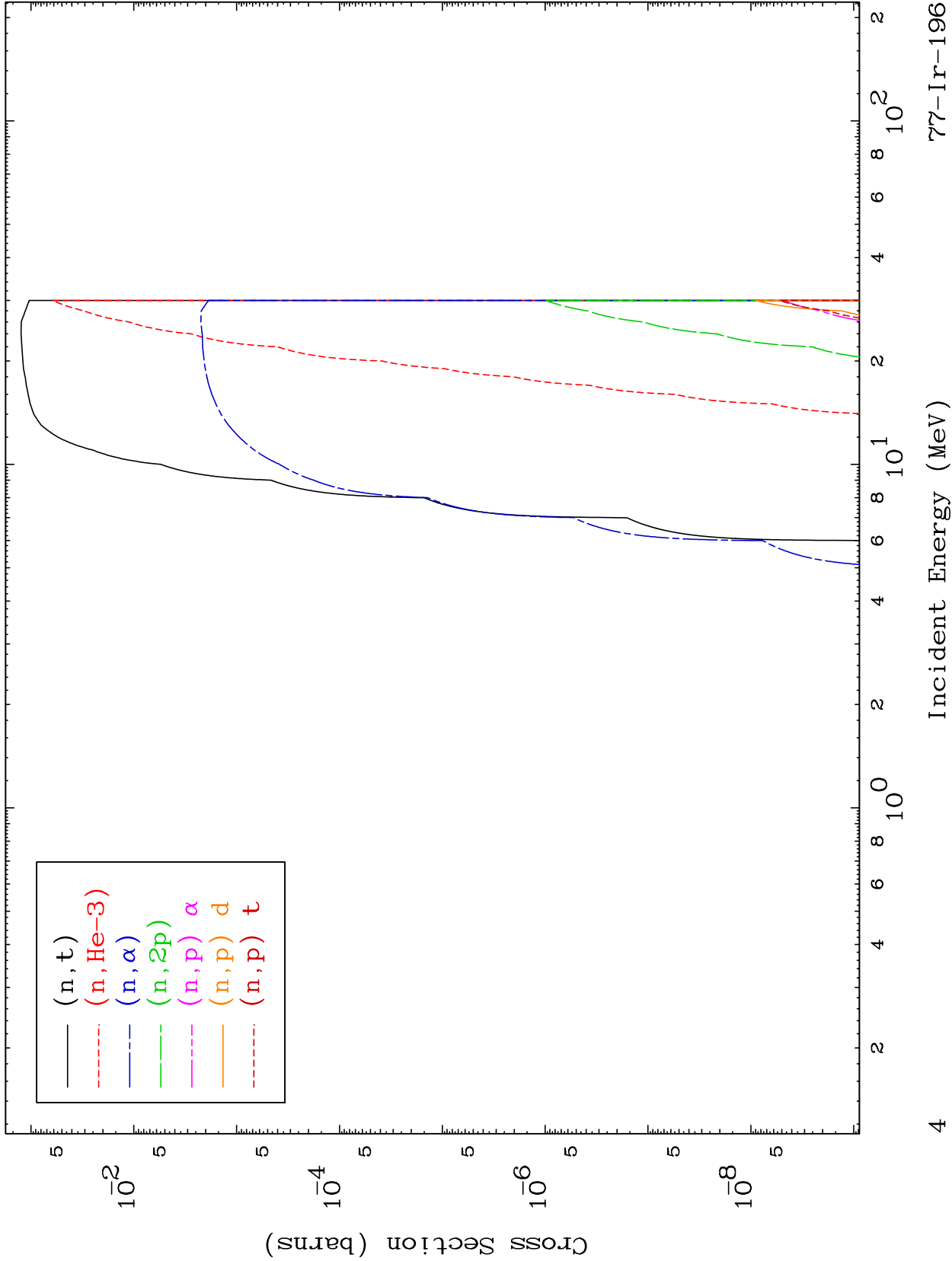
77-Ir-196

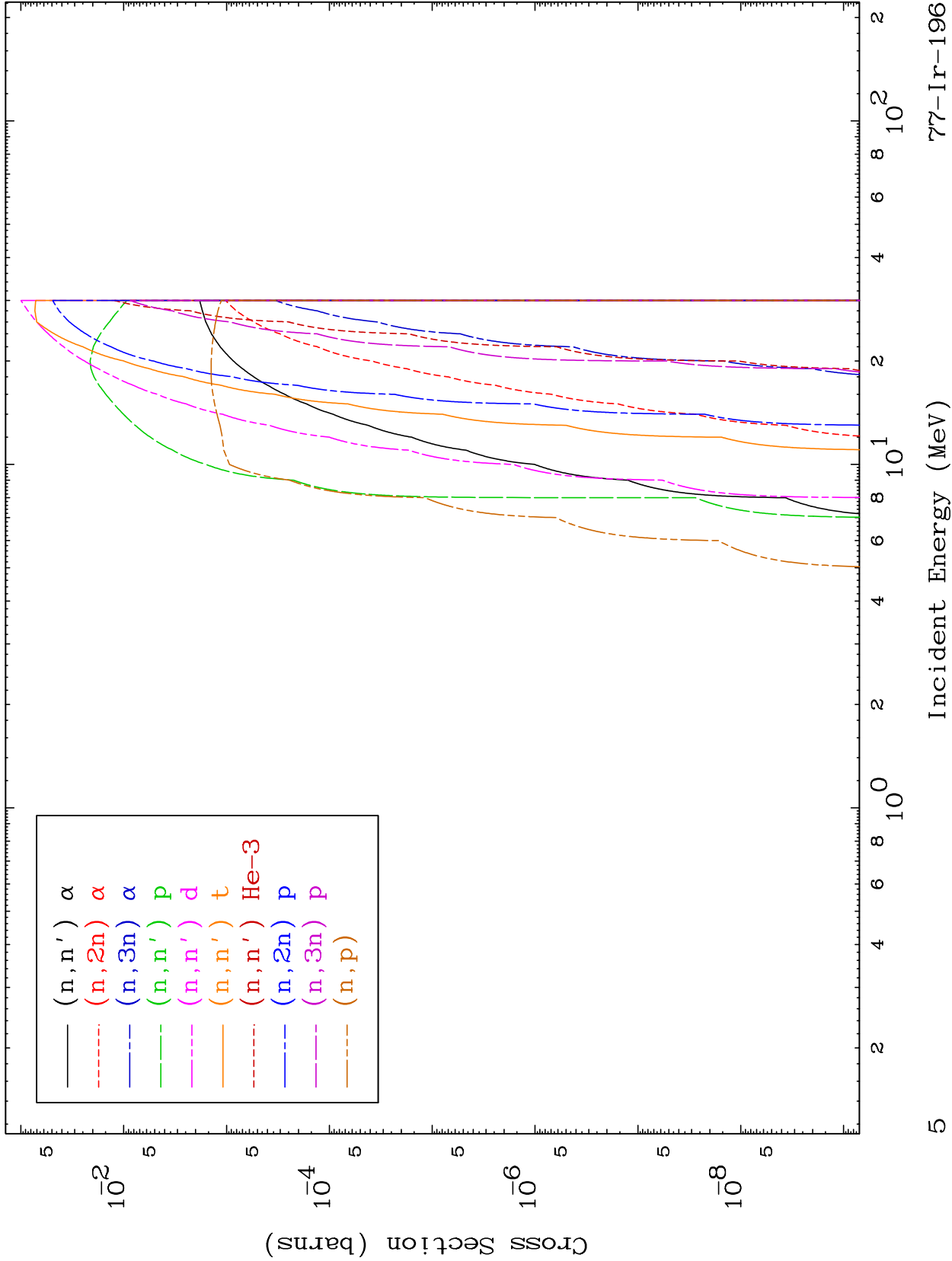


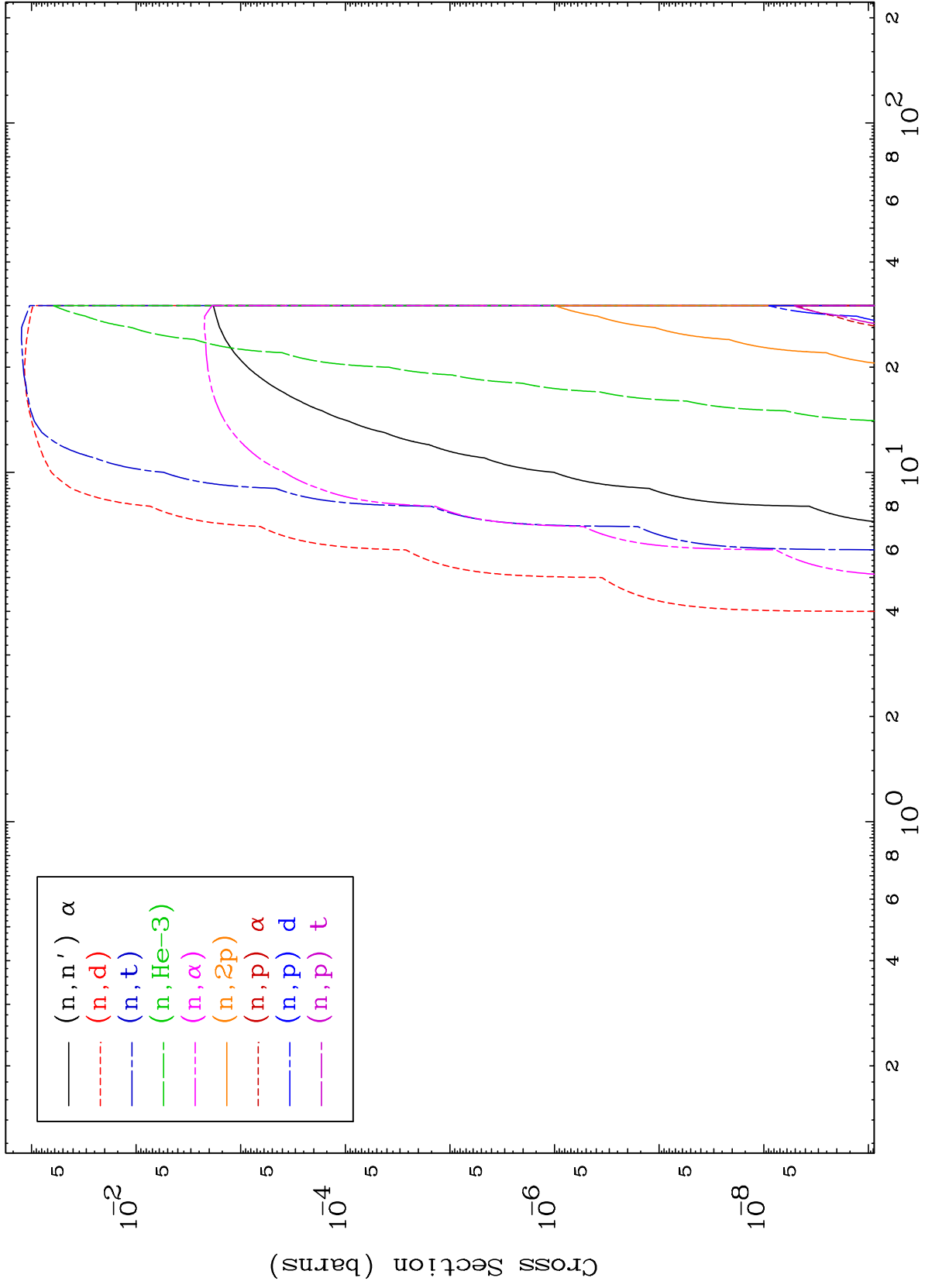
MAT 7740

Triton Neutron Absorption
0 Kelvin Cross Sections

77-Ir-196





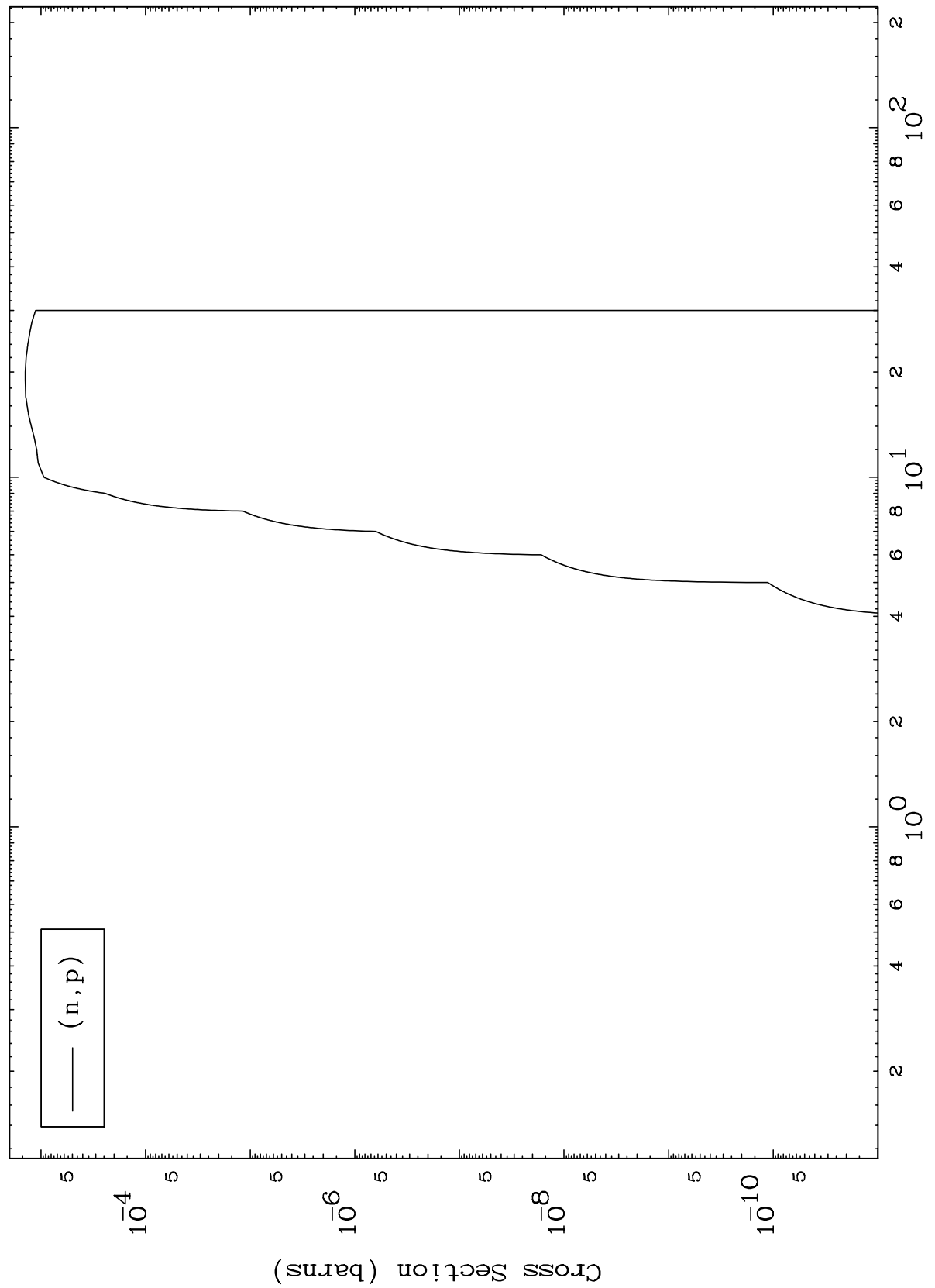


MAT 7740

(t,p) Levels

77-Ir-196

0 Kelvin Cross Sections

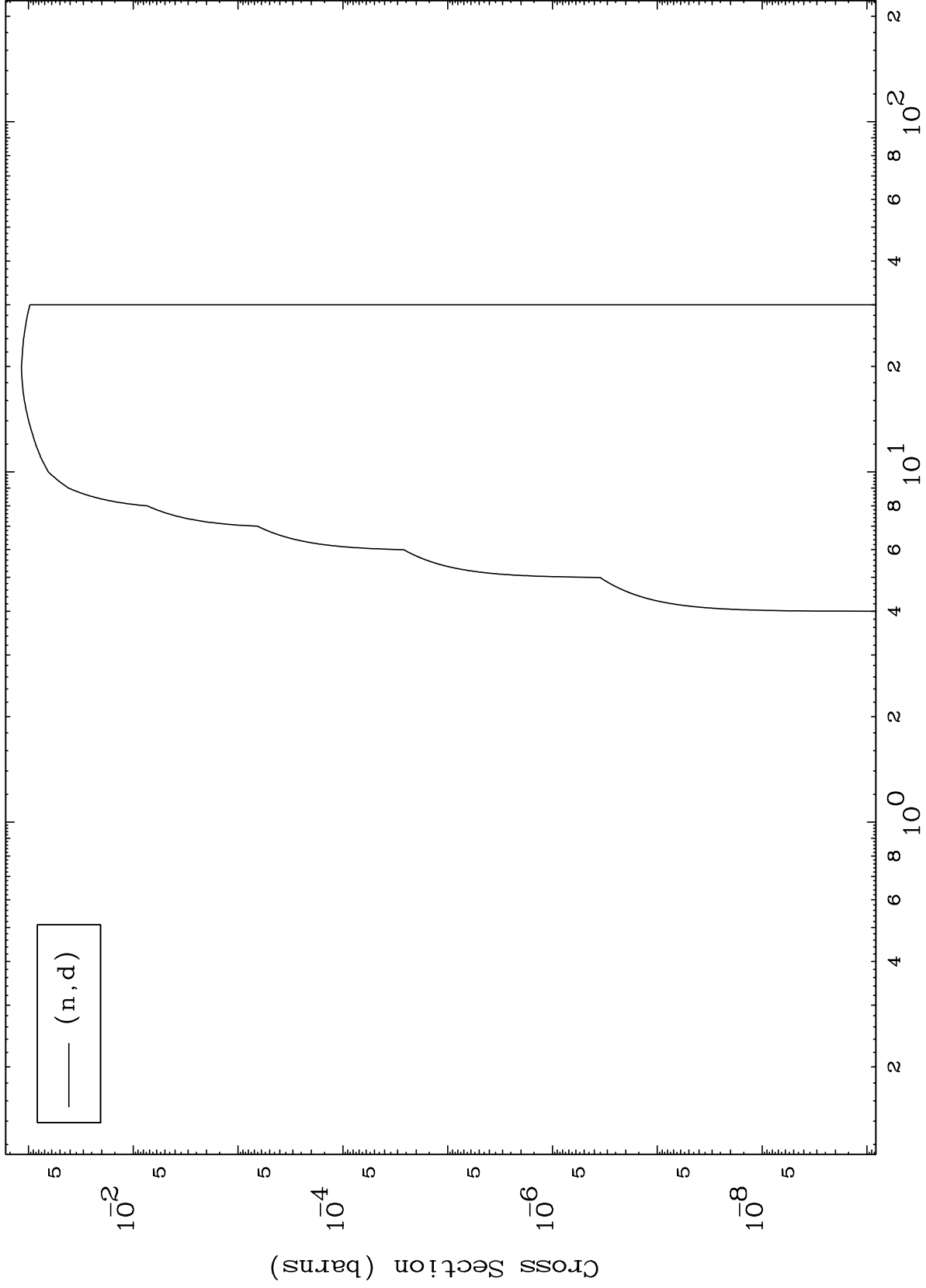


MAT 7740

(t, d) Levels

77-Ir-196

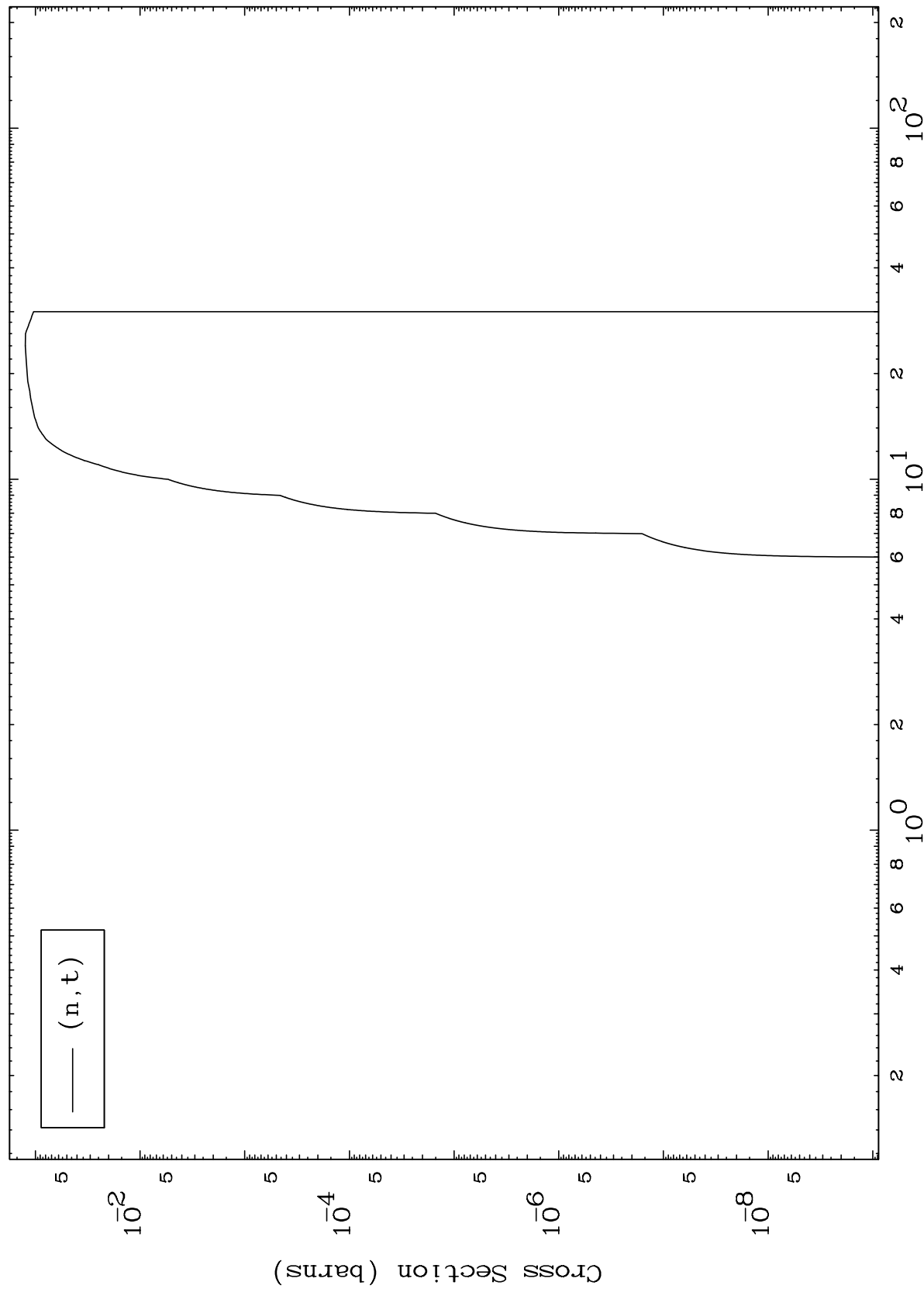
0 Kelvin Cross Sections



MAT 7740

77-Ir-196

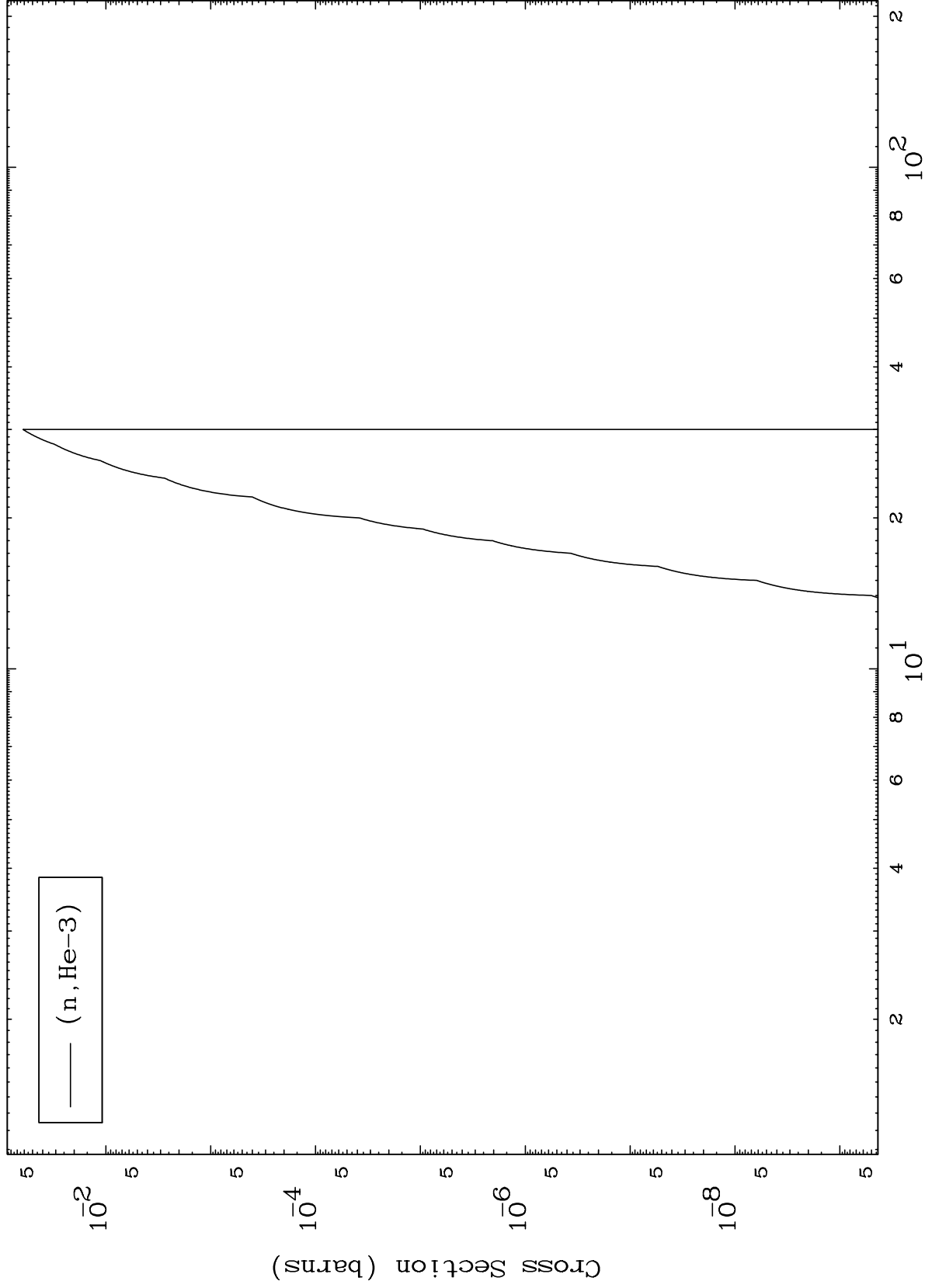
(t, t) Levels
0 Kelvin Cross Sections



MAT 7740

77-Ir-196

(t,He3) Levels
0 Kelvin Cross Sections



77-Ir-196

Incident Energy (MeV)

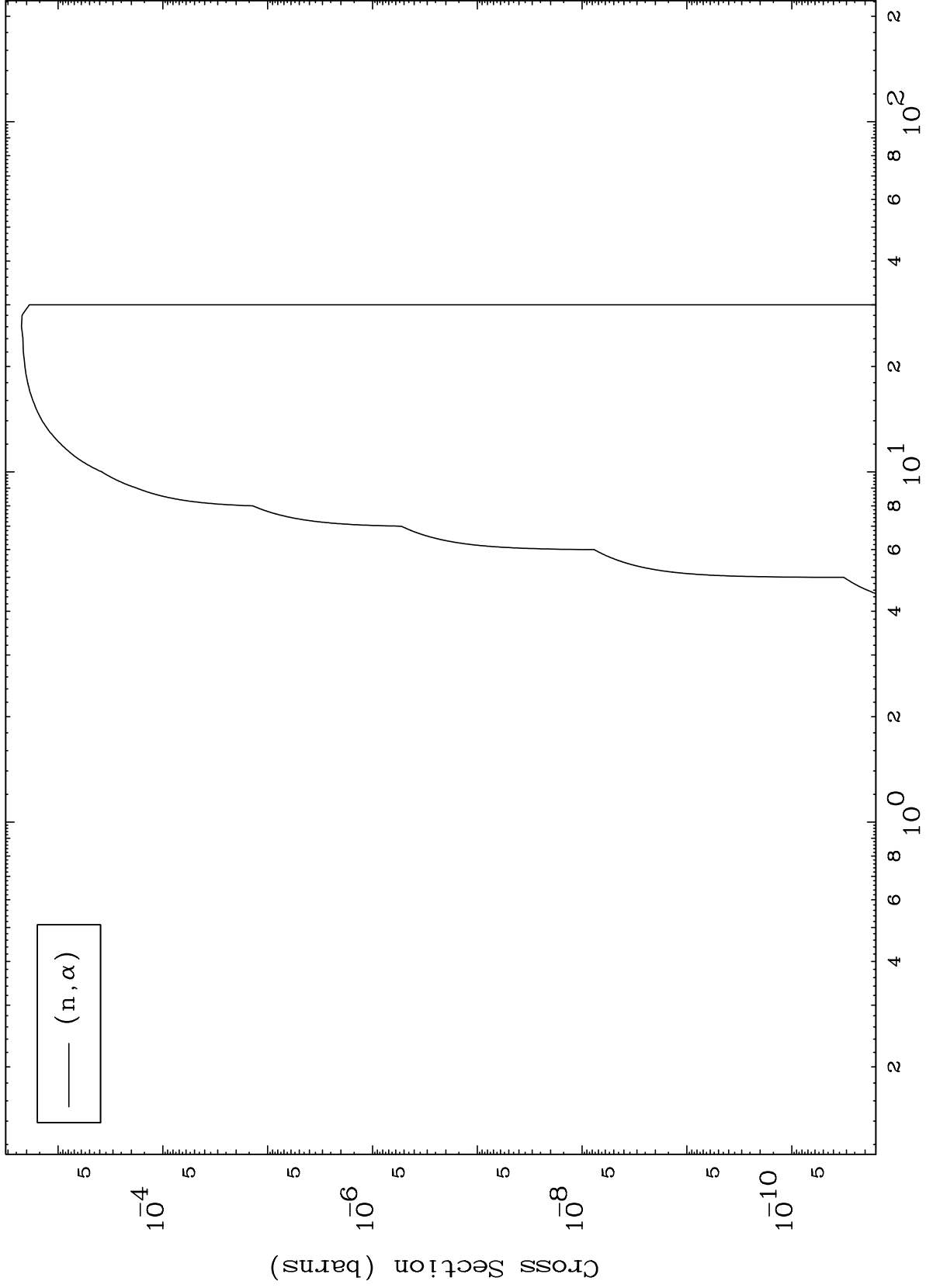
10

MAT 7740

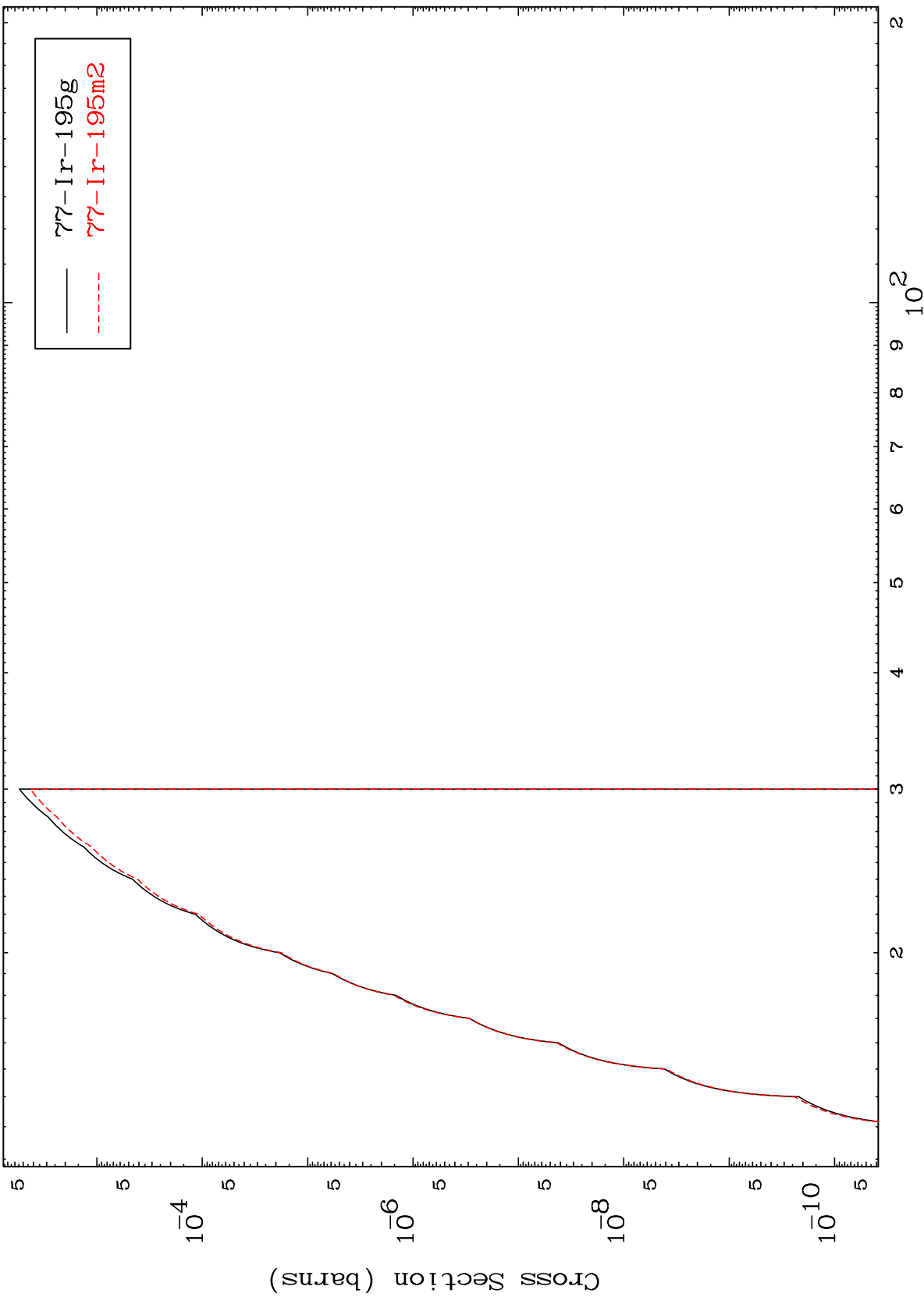
(t, α) Levels

77-Ir-196

0 Kelvin Cross Sections



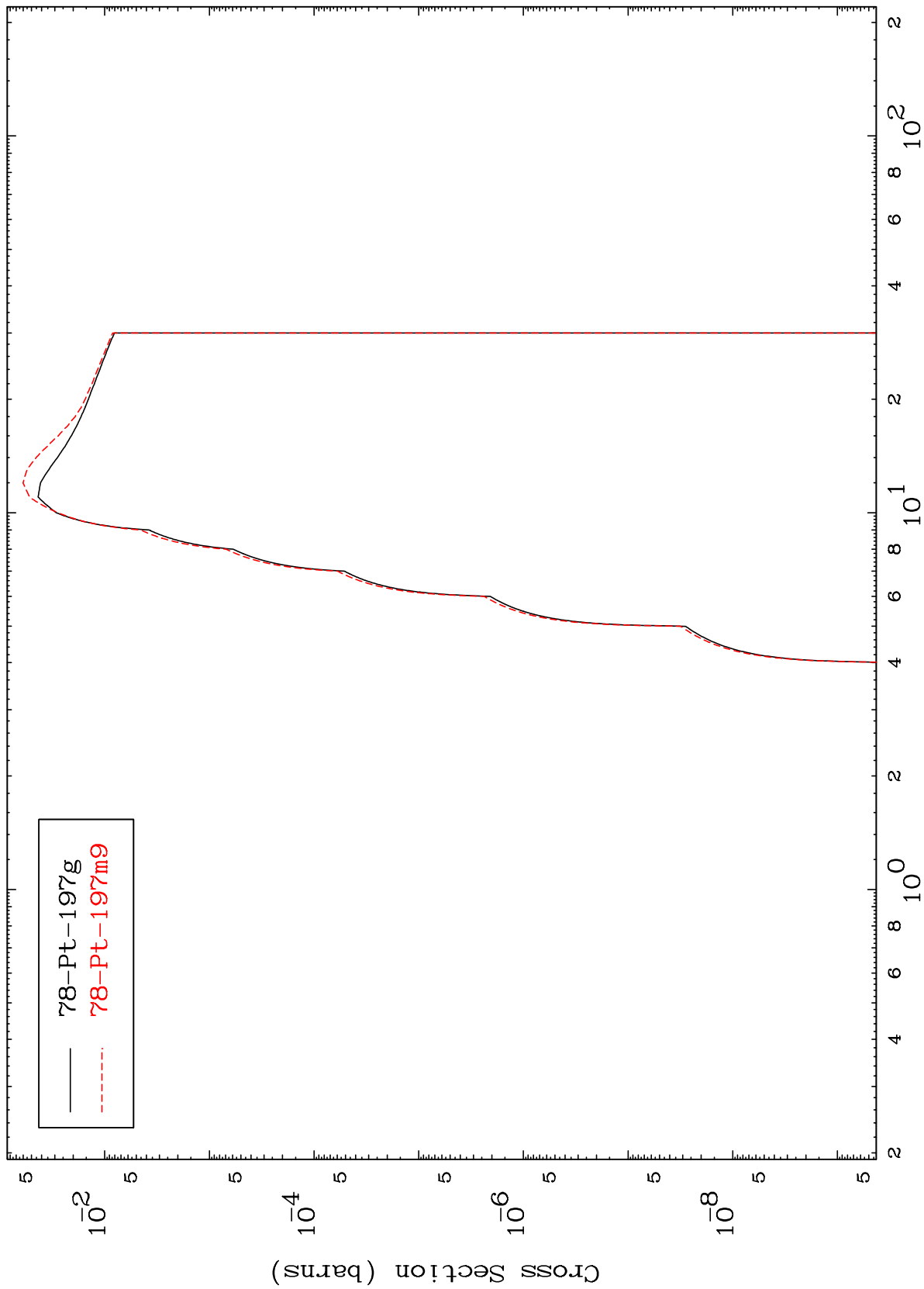
Radionuclide Production Cross Section



MAT 7740

77-Ir-196

Radionuclide Production Cross Section



Incident Energy (MeV)

77-Ir-196

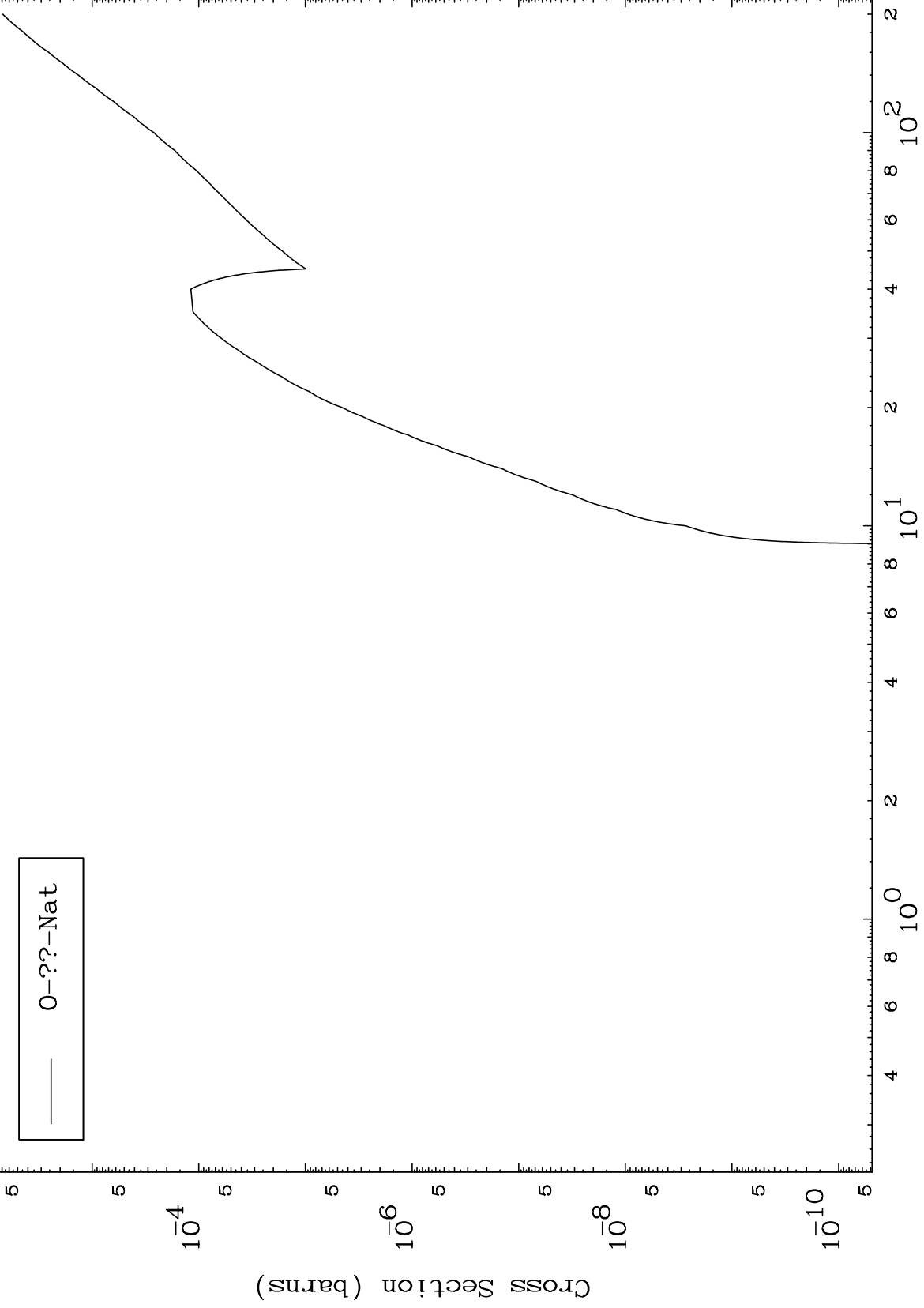
13

MAT 7740

Fission

77-Ir-196

Radionuclide Production Cross Section



14

Incident Energy (MeV)

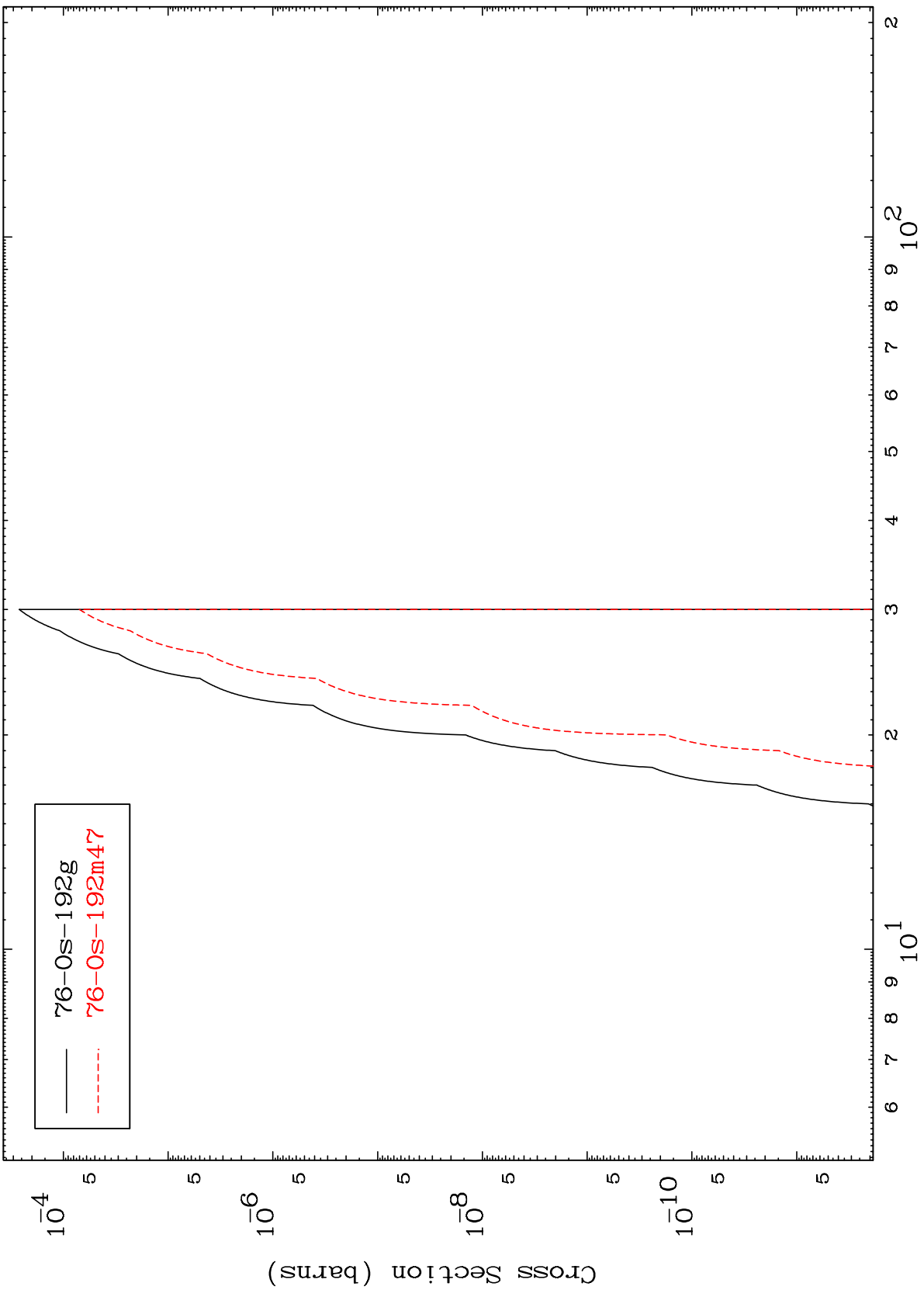
77-Ir-196

MAT 7740

$(n,3n) \alpha$

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

Radionuclide Production Cross Section



76-0s-192g
76-0s-192m47

15

Incident Energy (MeV)

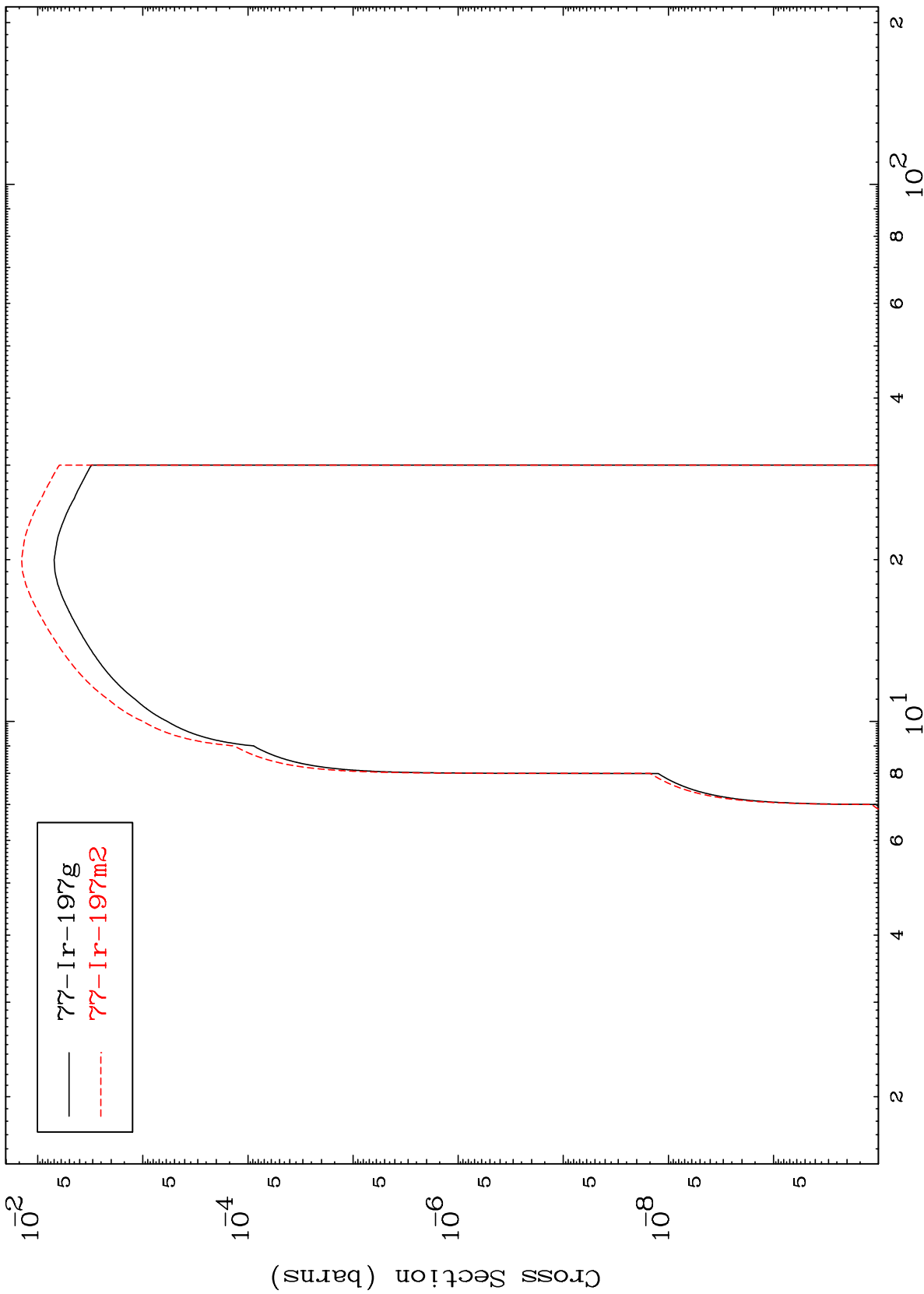
$^{77}\text{Ir-196}$

MAT 7740

(n,n') p

⁷⁷Ir-196

Radionuclide Production Cross Section



16

Incident Energy (MeV)

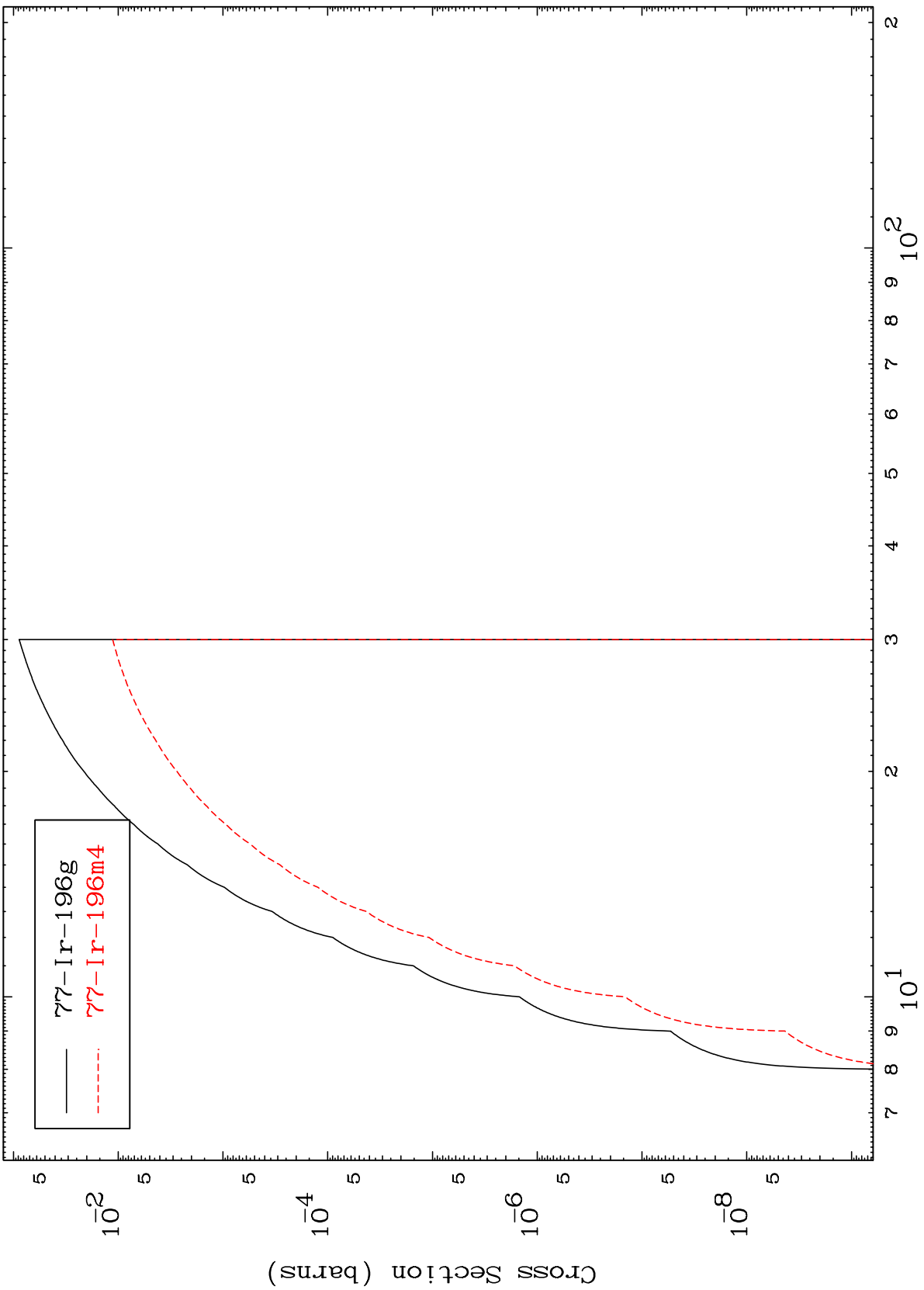
⁷⁷Ir-196

MAT 7740

(n,n') d

⁷⁷Ir-196

Radionuclide Production Cross Section



17

Incident Energy (MeV)

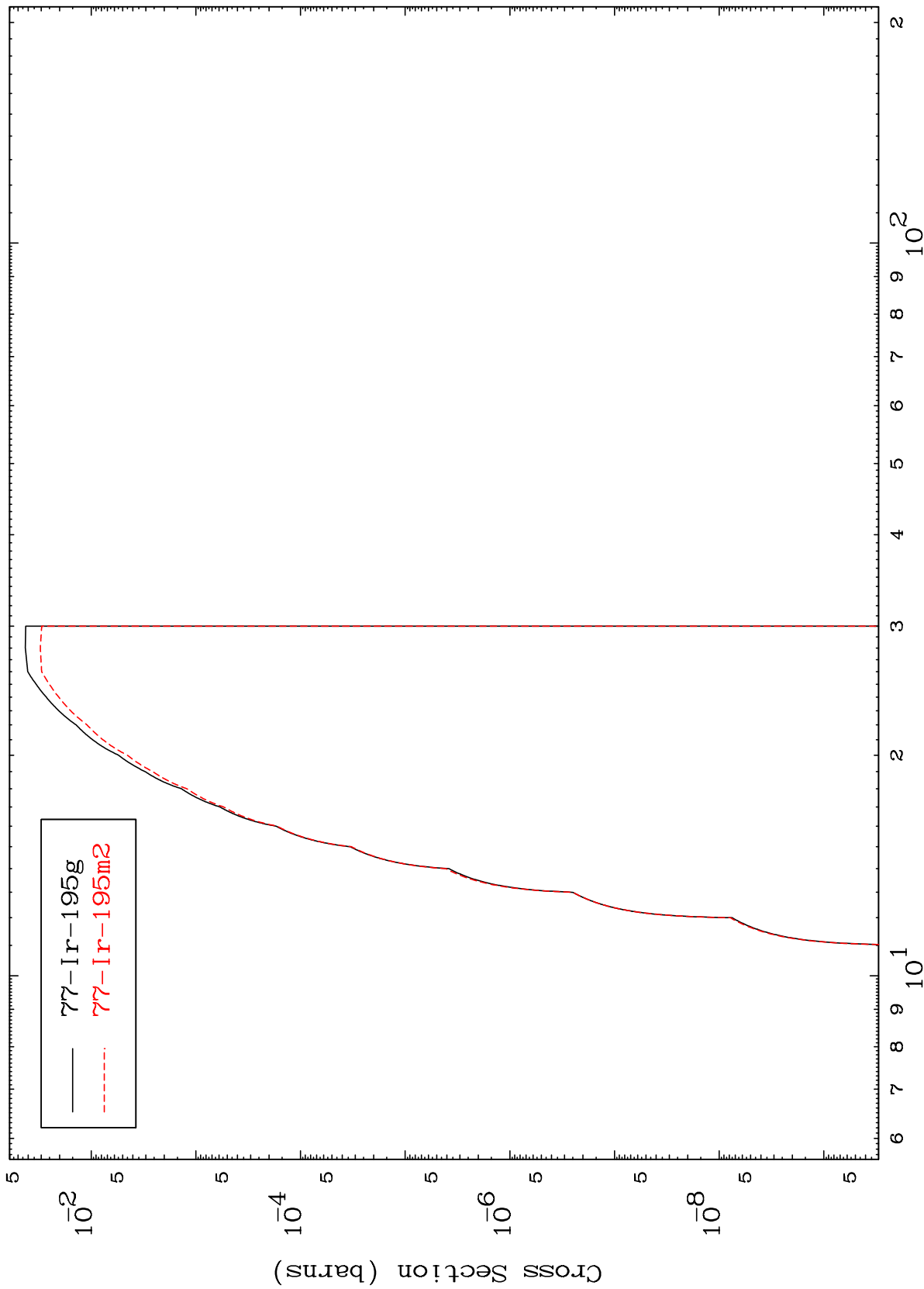
⁷⁷Ir-196

MAT 7740

(n,n') t

77-Ir-196

Radionuclide Production Cross Section



18

Incident Energy (MeV)

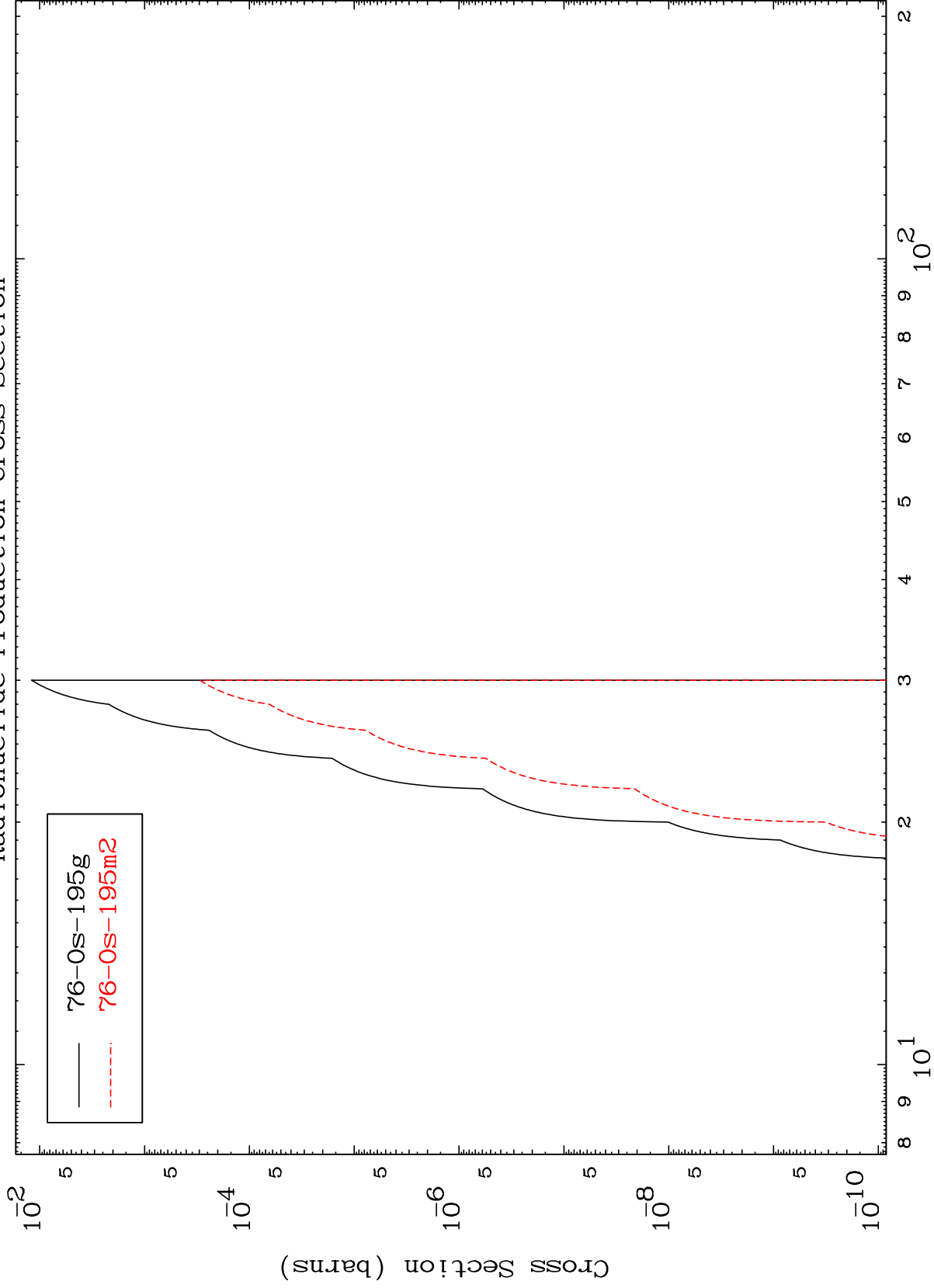
77-Ir-196

MAT 7740

(n,n') He-3

⁷⁷Ir-196

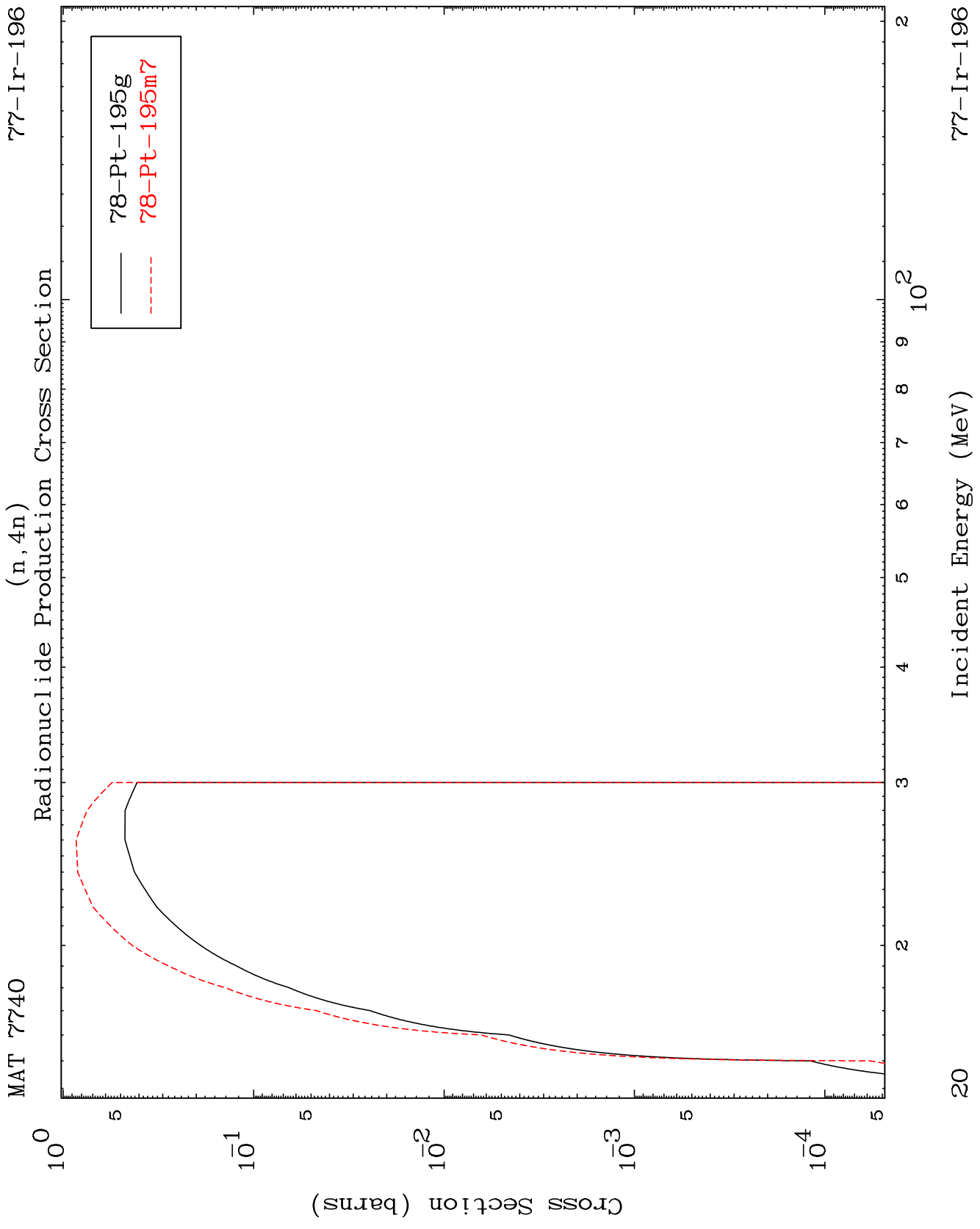
Radionuclide Production Cross Section



Incident Energy (MeV)

⁷⁷Ir-196

19

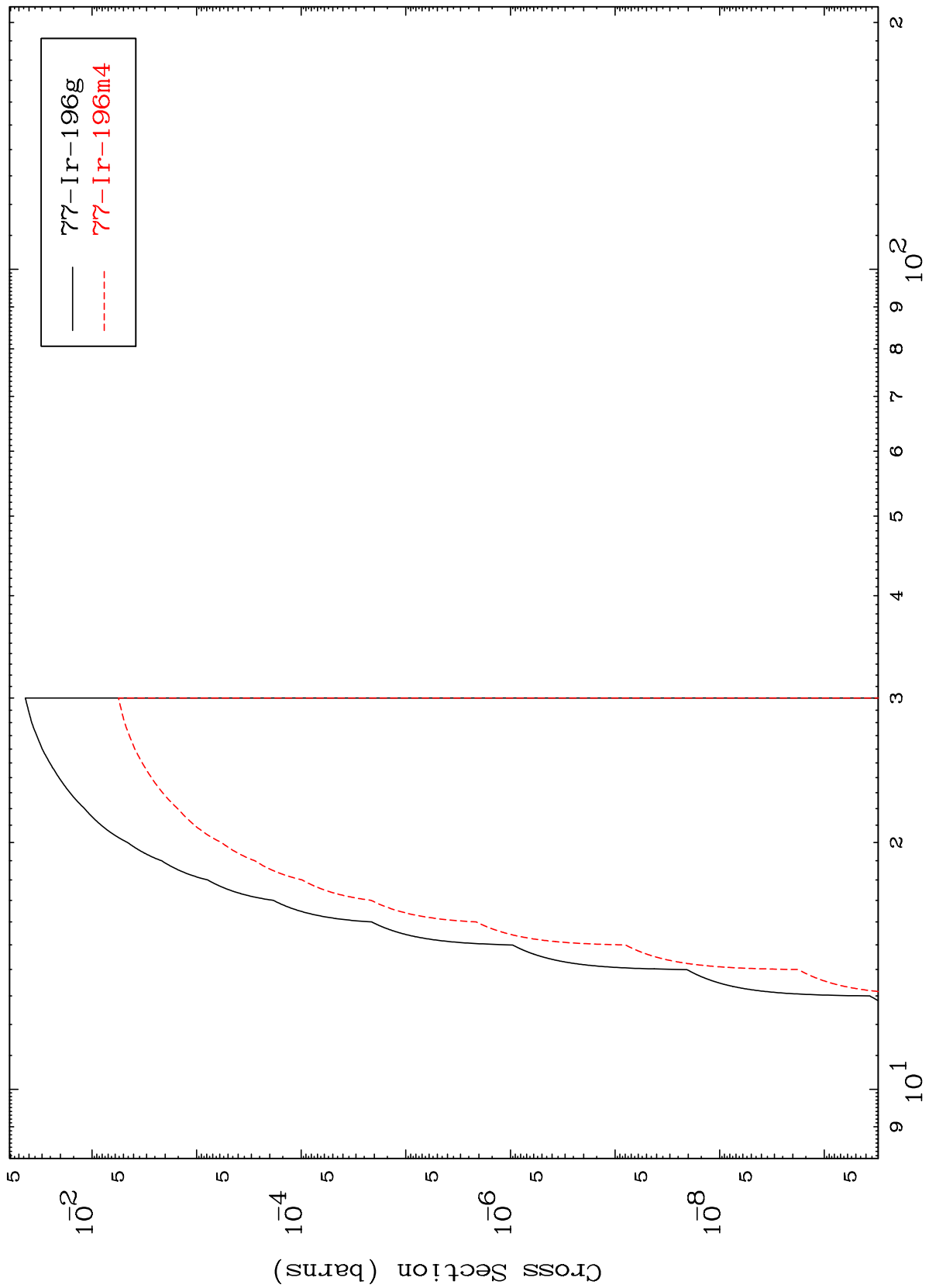


MAT 7740

(n,2n) p

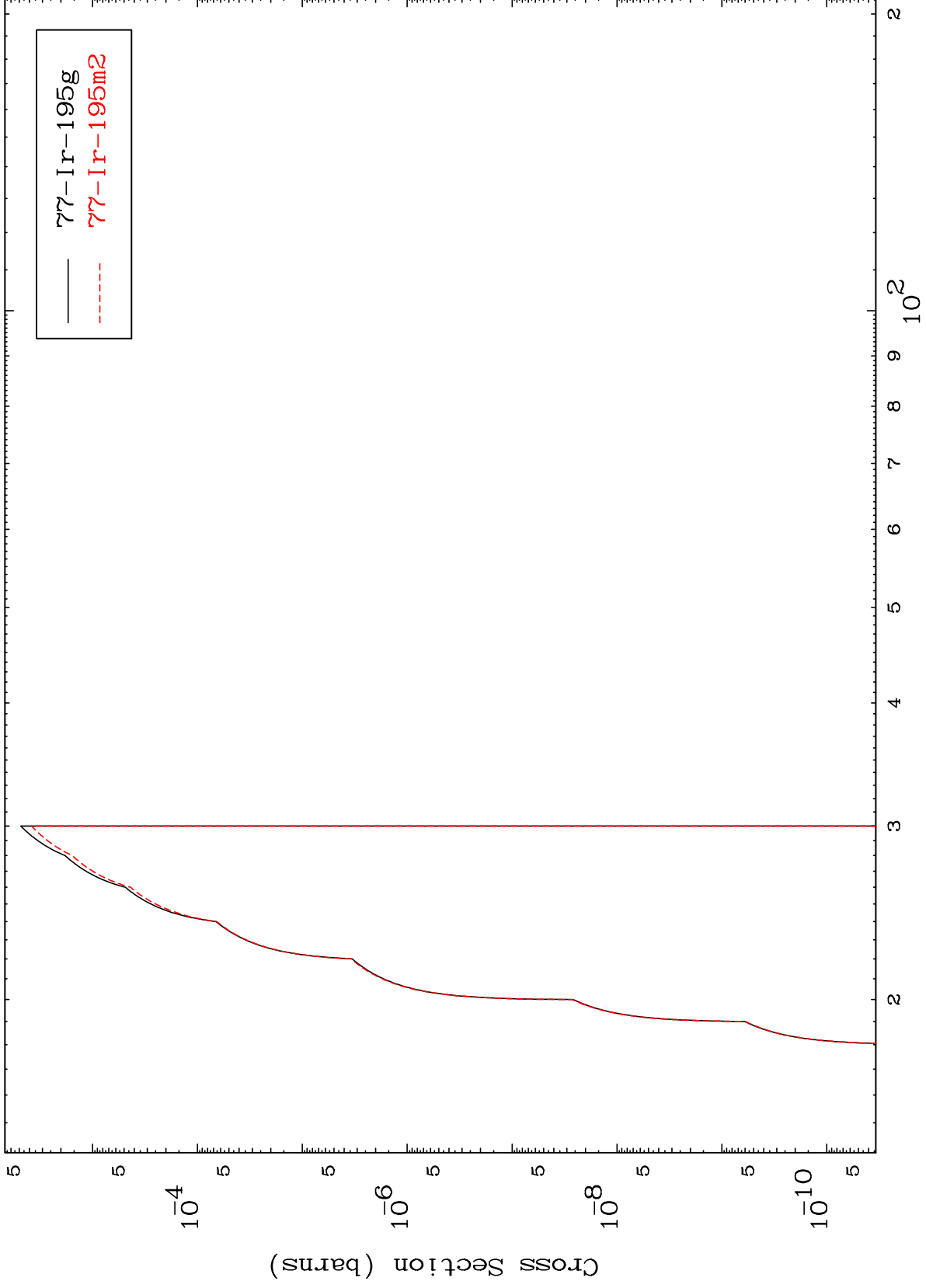
⁷⁷Ir-196

Radionuclide Production Cross Section



77-Ir-196g
77-Ir-196m4

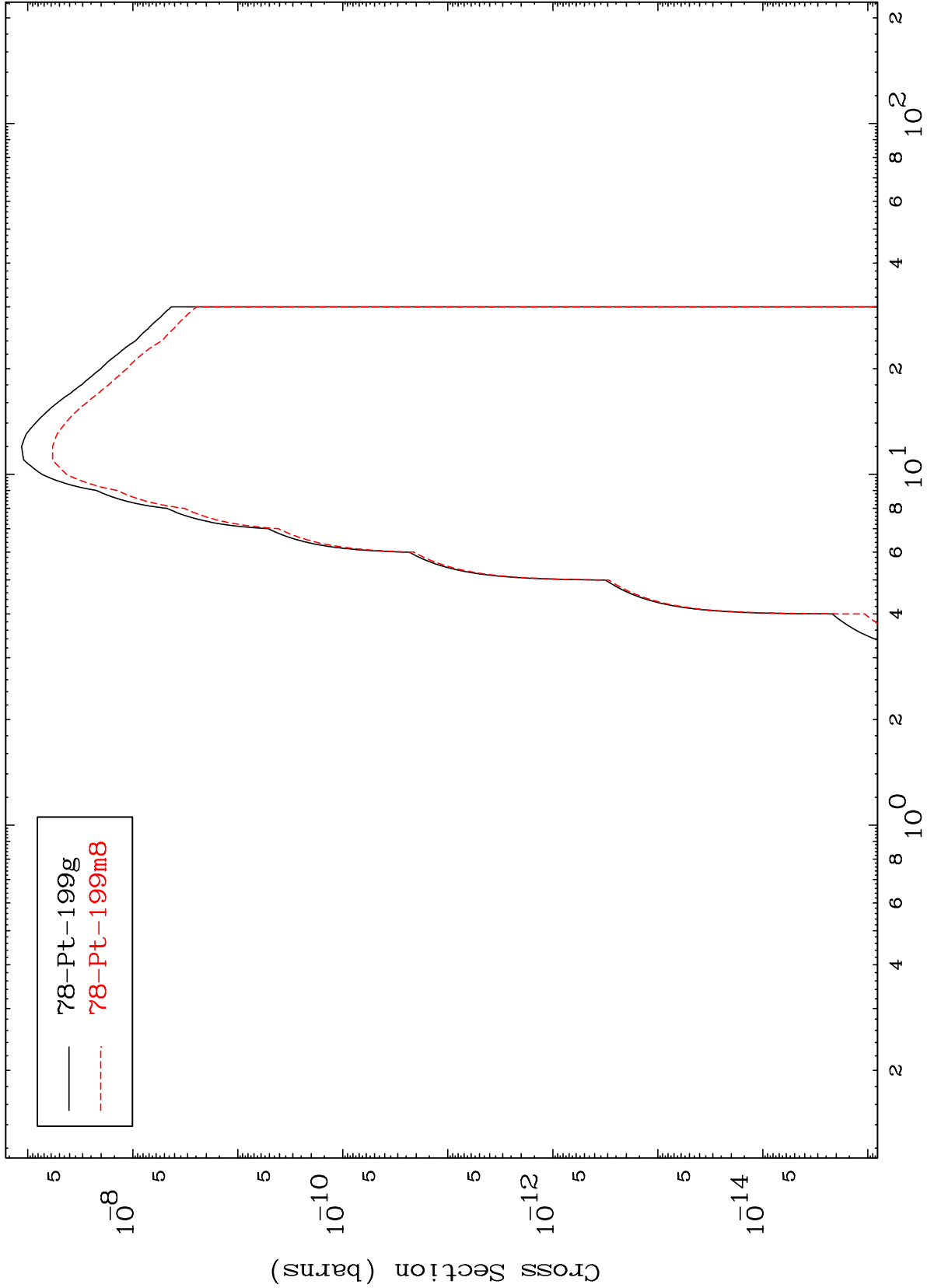
Radionuclide Production Cross Section



MAT 7740

77-Ir-196

(n, γ)
Radionuclide Production Cross Section



— 78-Pt-199g
- - - 78-Pt-199m8

77-Ir-196

Incident Energy (MeV)

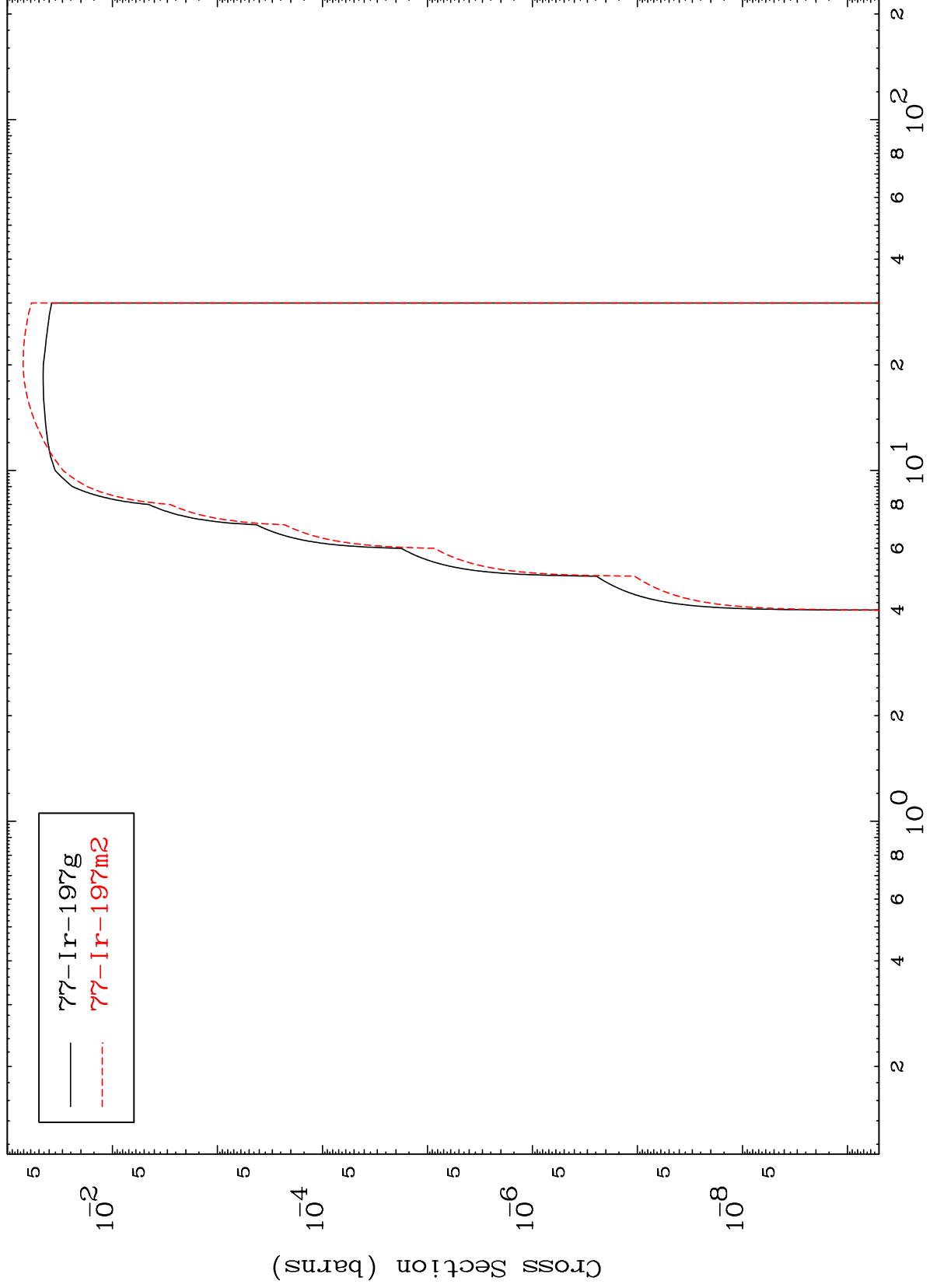
23

MAT 7740

(n,d)

⁷⁷Ir-196

Radionuclide Production Cross Section



24

Incident Energy (MeV)

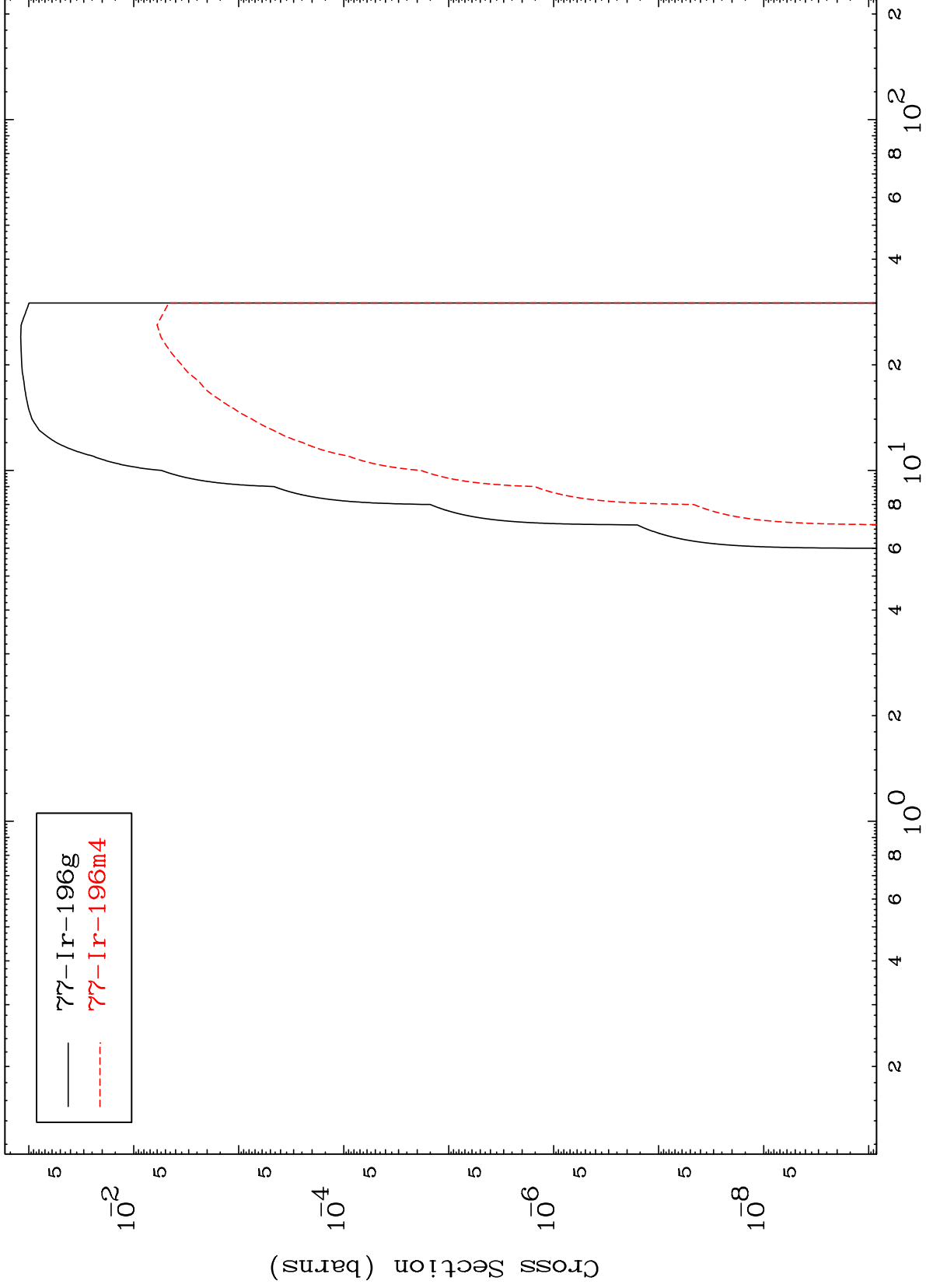
⁷⁷Ir-196

MAT 7740

(n, t)

⁷⁷Ir-196

Radionuclide Production Cross Section



25

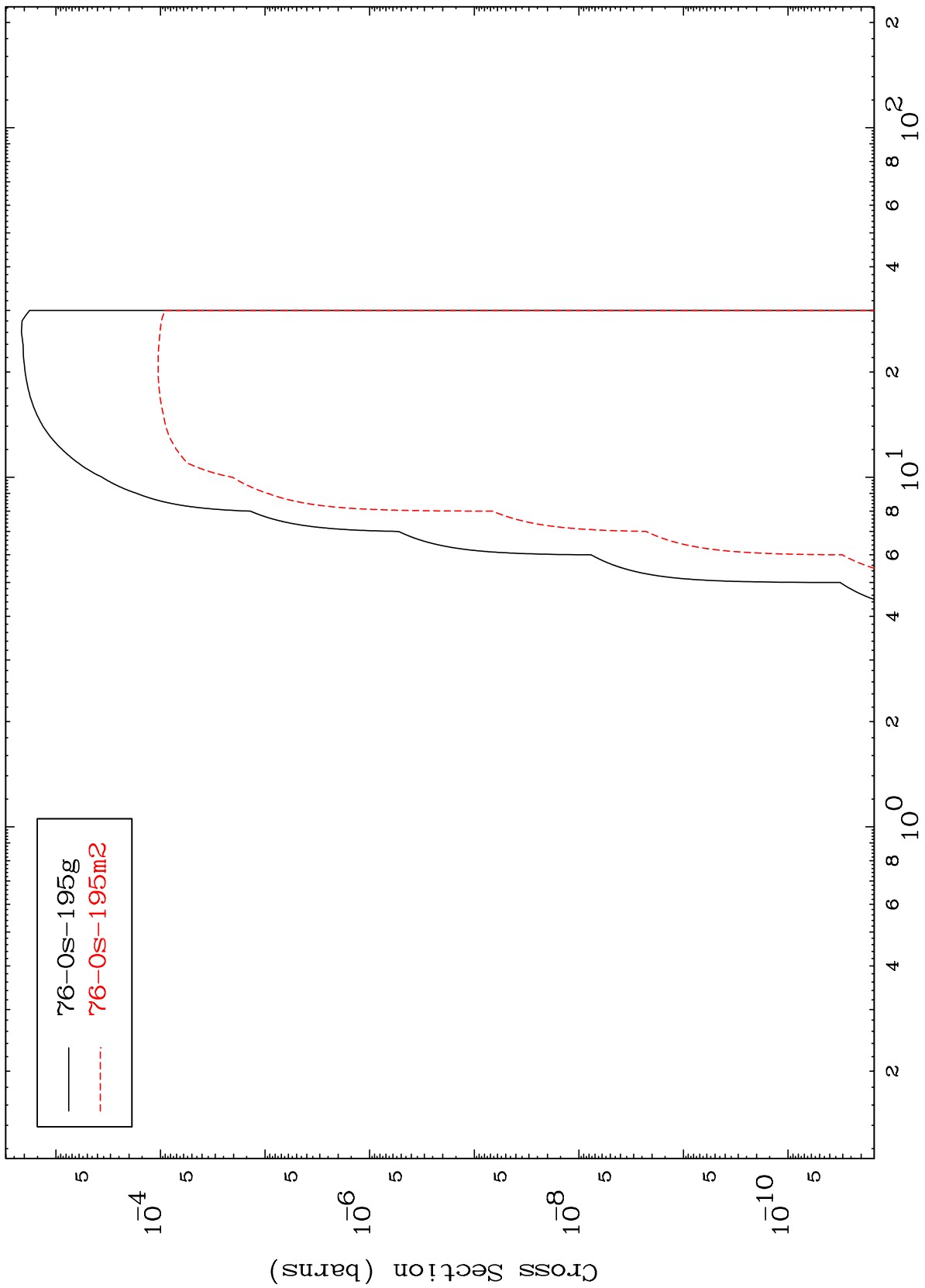
Incident Energy (MeV)

⁷⁷Ir-196

MAT 7740

77-Ir-196

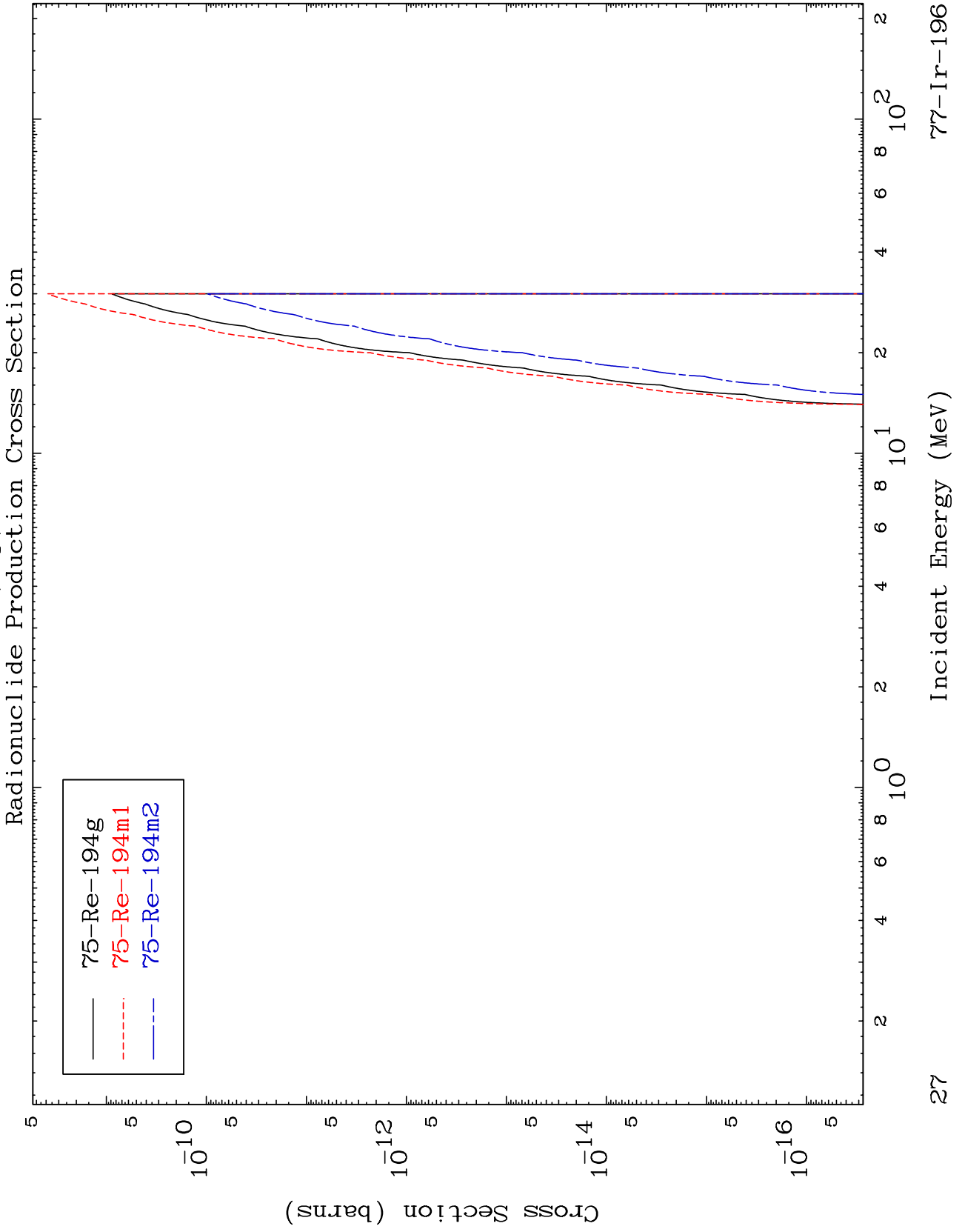
(n, α)
Radionuclide Production Cross Section



MAT 7740

(n,p) α

⁷⁷Ir-196

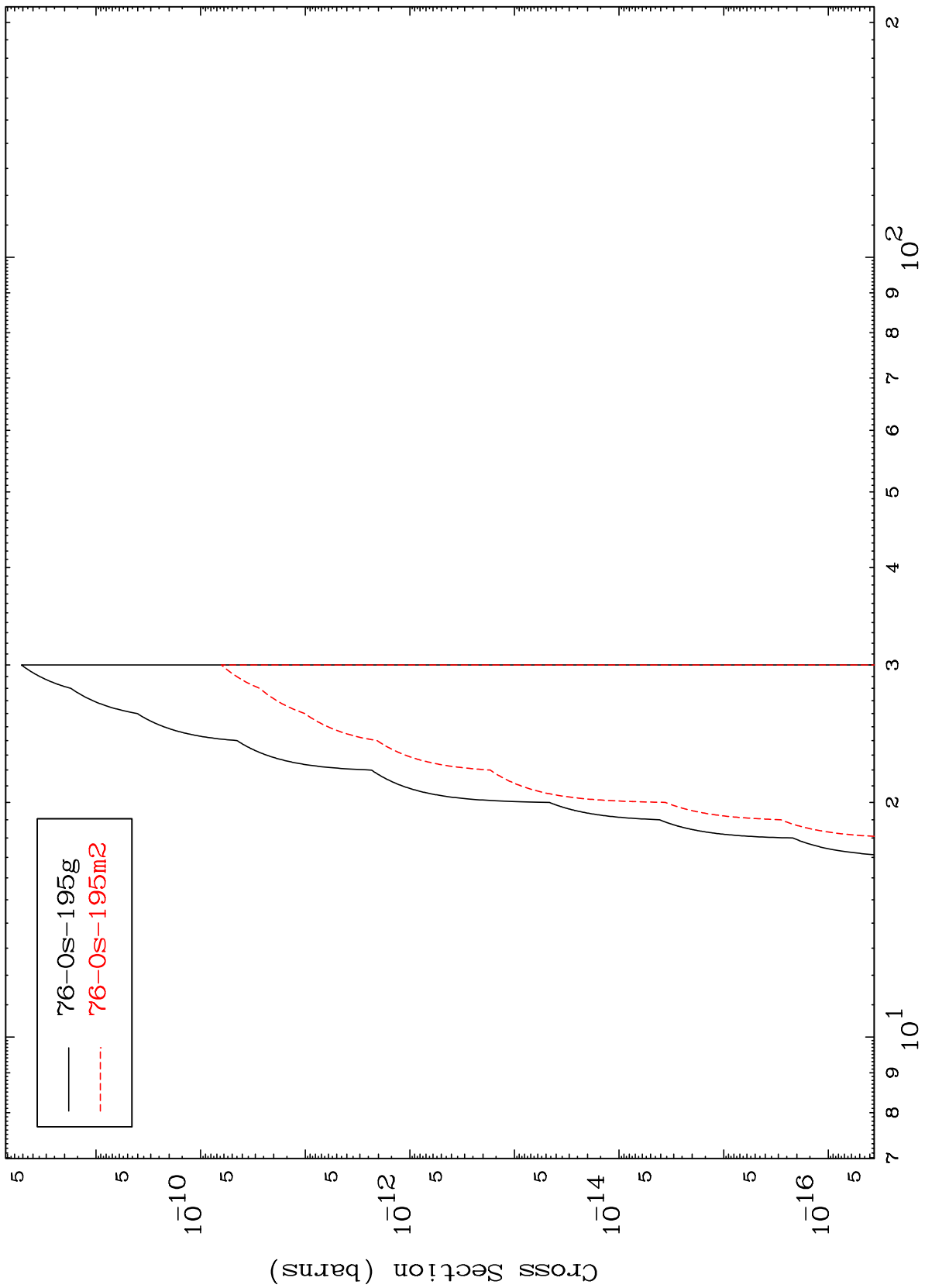


MAT 7740

(n,p) t

⁷⁷Ir-196

Radionuclide Production Cross Section



28

Incident Energy (MeV)

⁷⁷Ir-196