

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

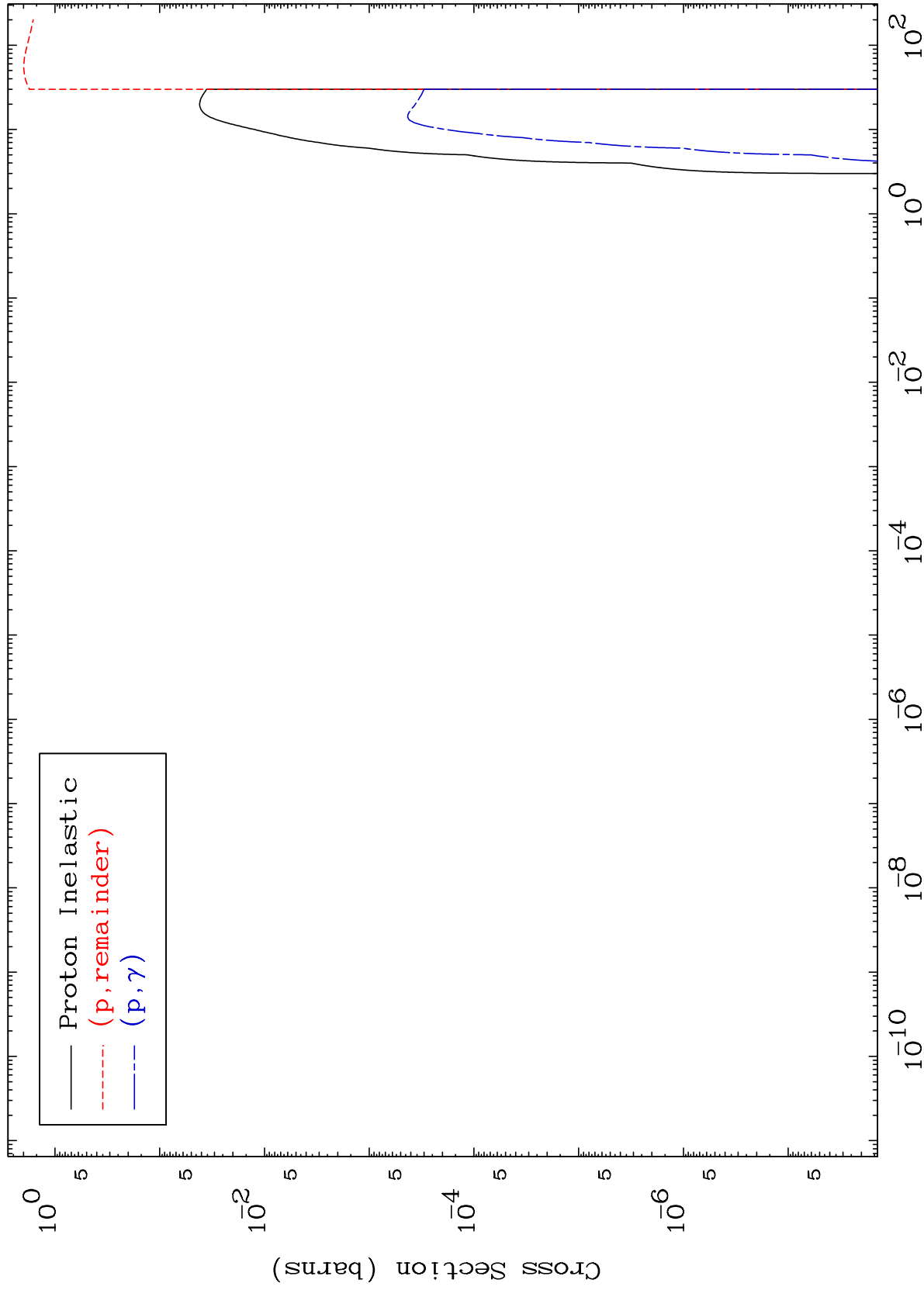
Press Mouse Button to Start

MAT 7741

Proton Major

77-Ir-196

0 Kelvin Cross Sections



1

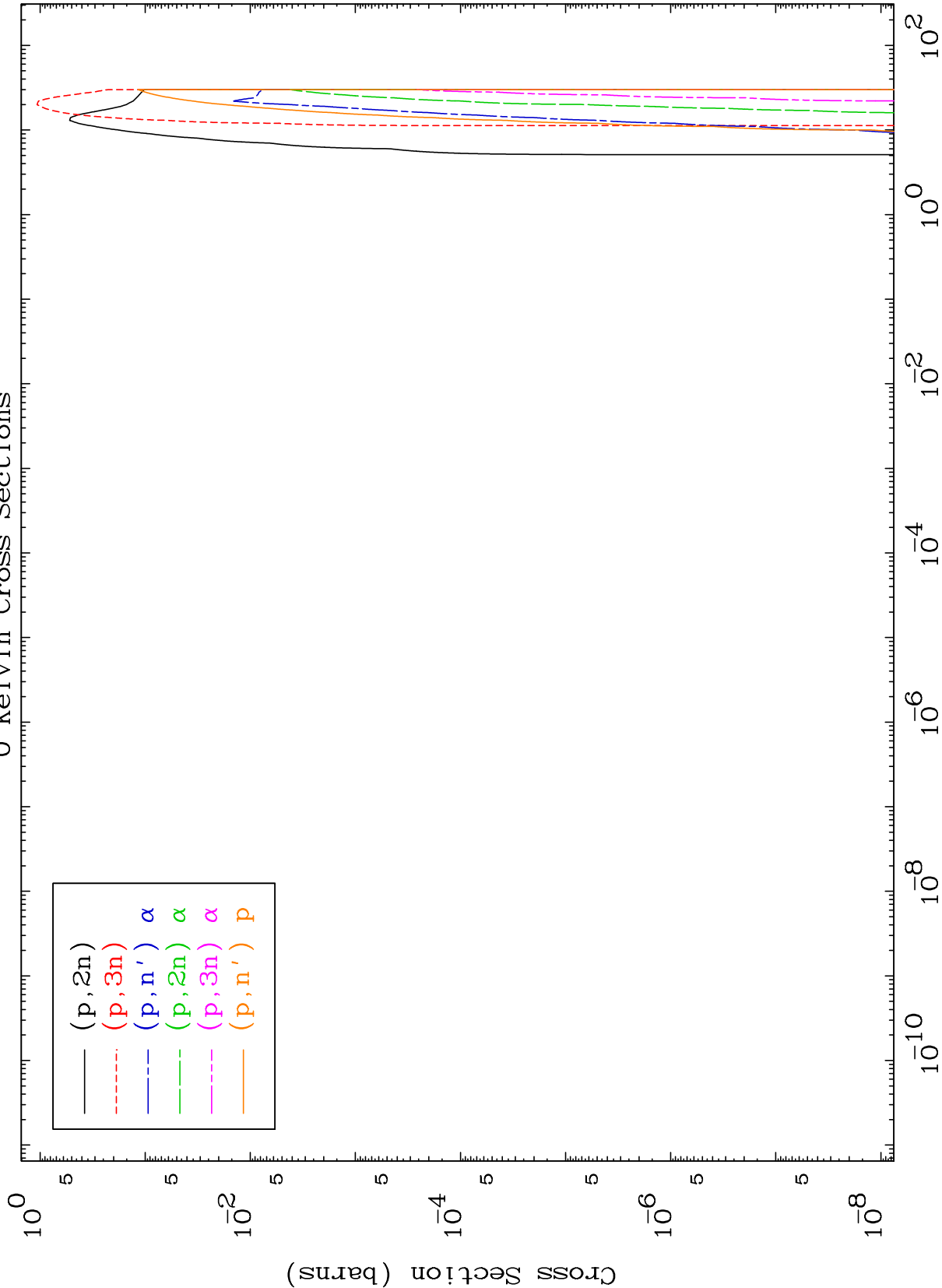
Incident Energy (MeV)

77-Ir-196

MAT 7741

Proton Neutron Production
0 Kelvin Cross Sections

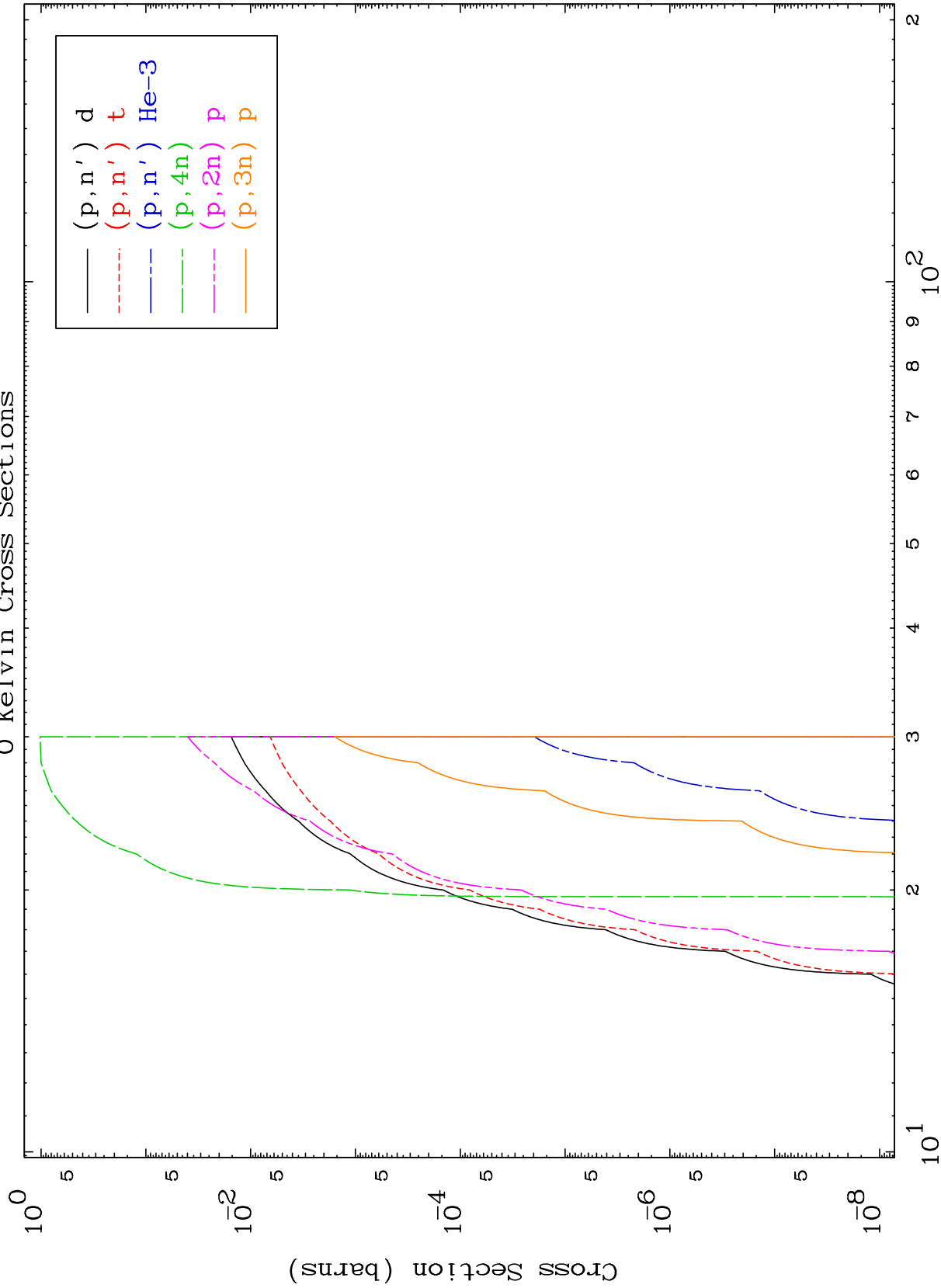
77-Ir-196



2

Incident Energy (MeV)

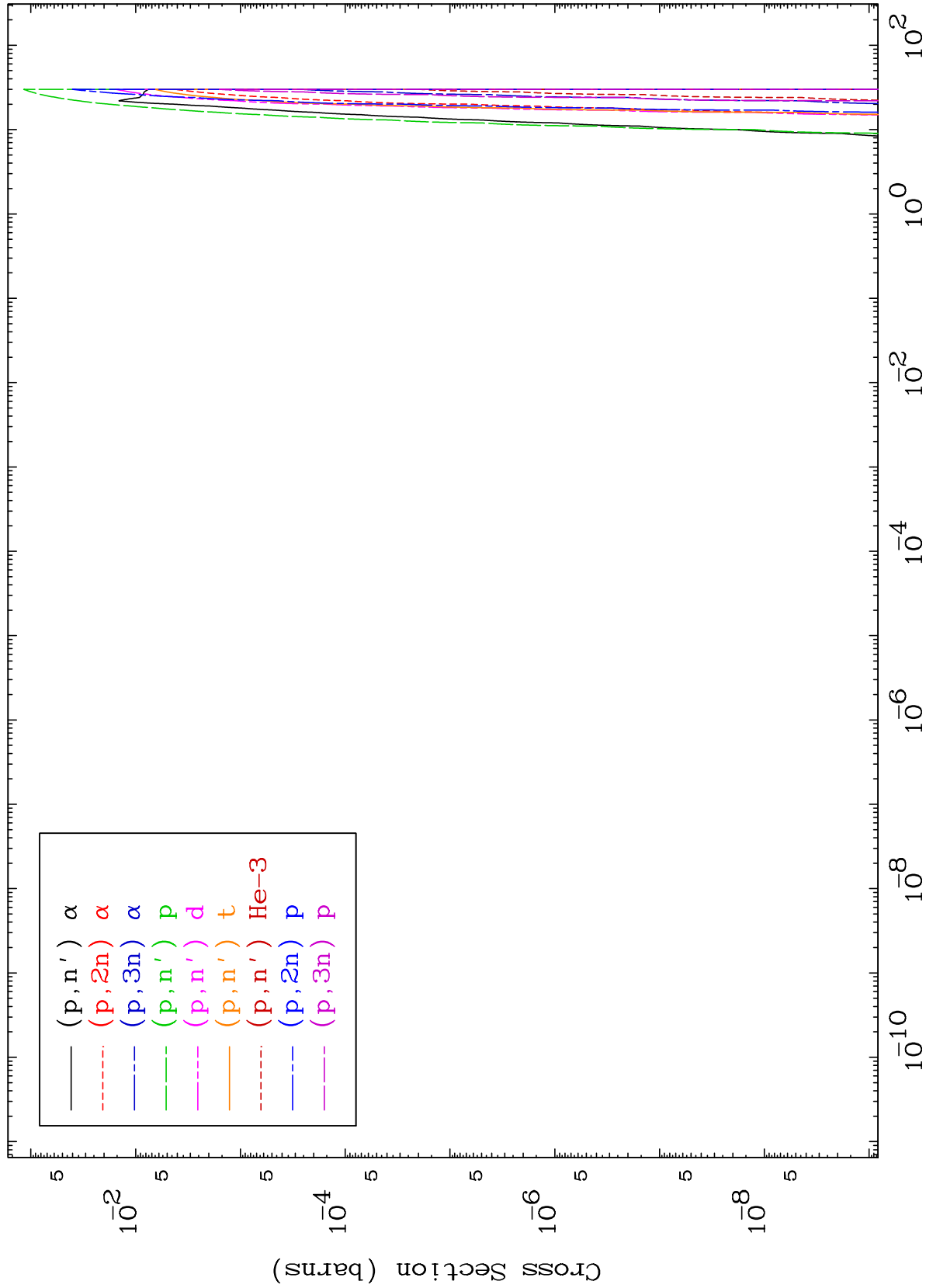
77-Ir-196



MAT 7741

Proton Charged Particle
0 Kelvin Cross Sections

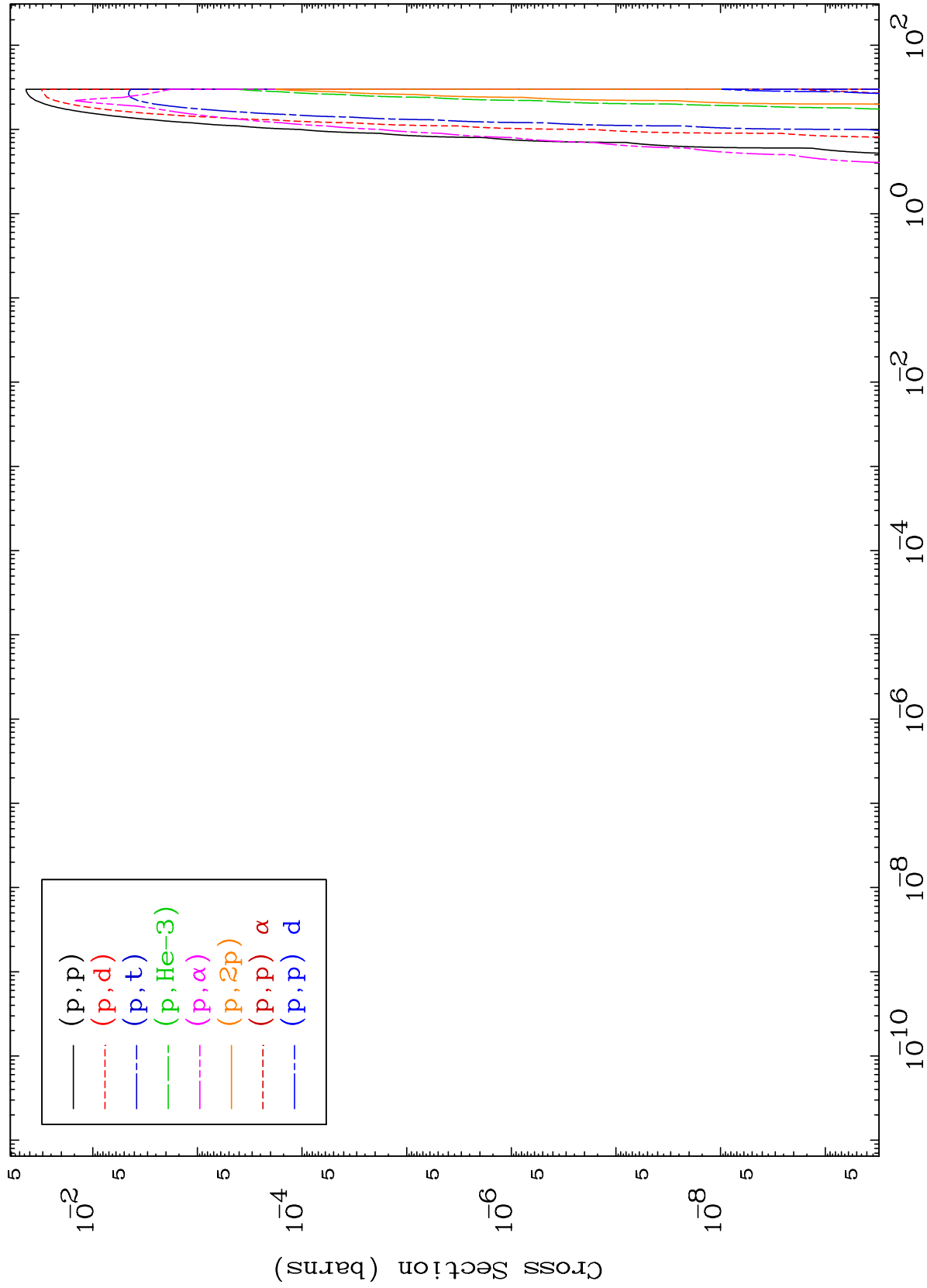
77-Ir-196



MAT 7741

Proton Charged Particle
0 Kelvin Cross Sections

77-Ir-196



5

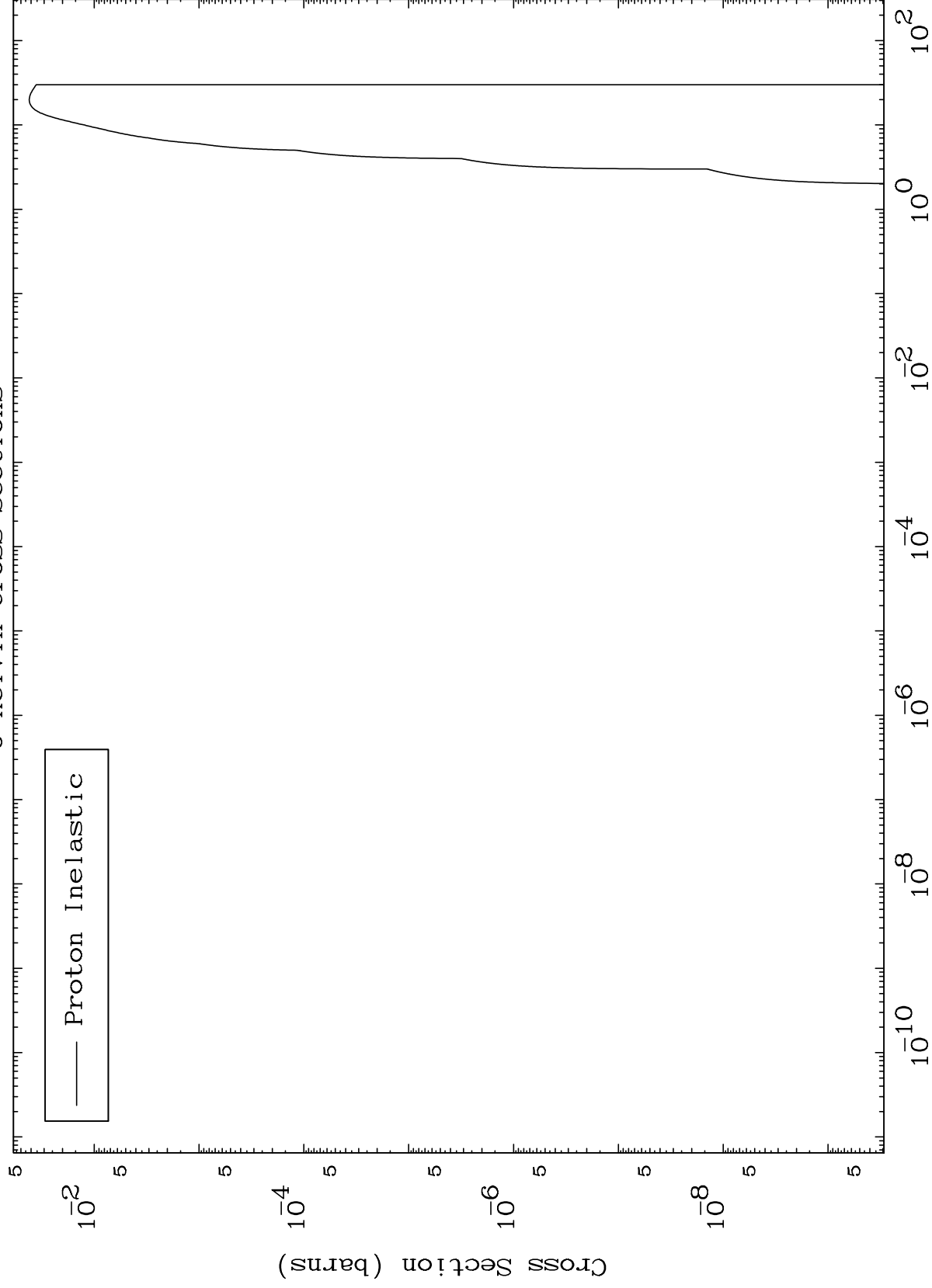
Incident Energy (MeV)

77-Ir-196

MAT 7741

(p,n') Level
0 Kelvin Cross Sections

77-Ir-196



6

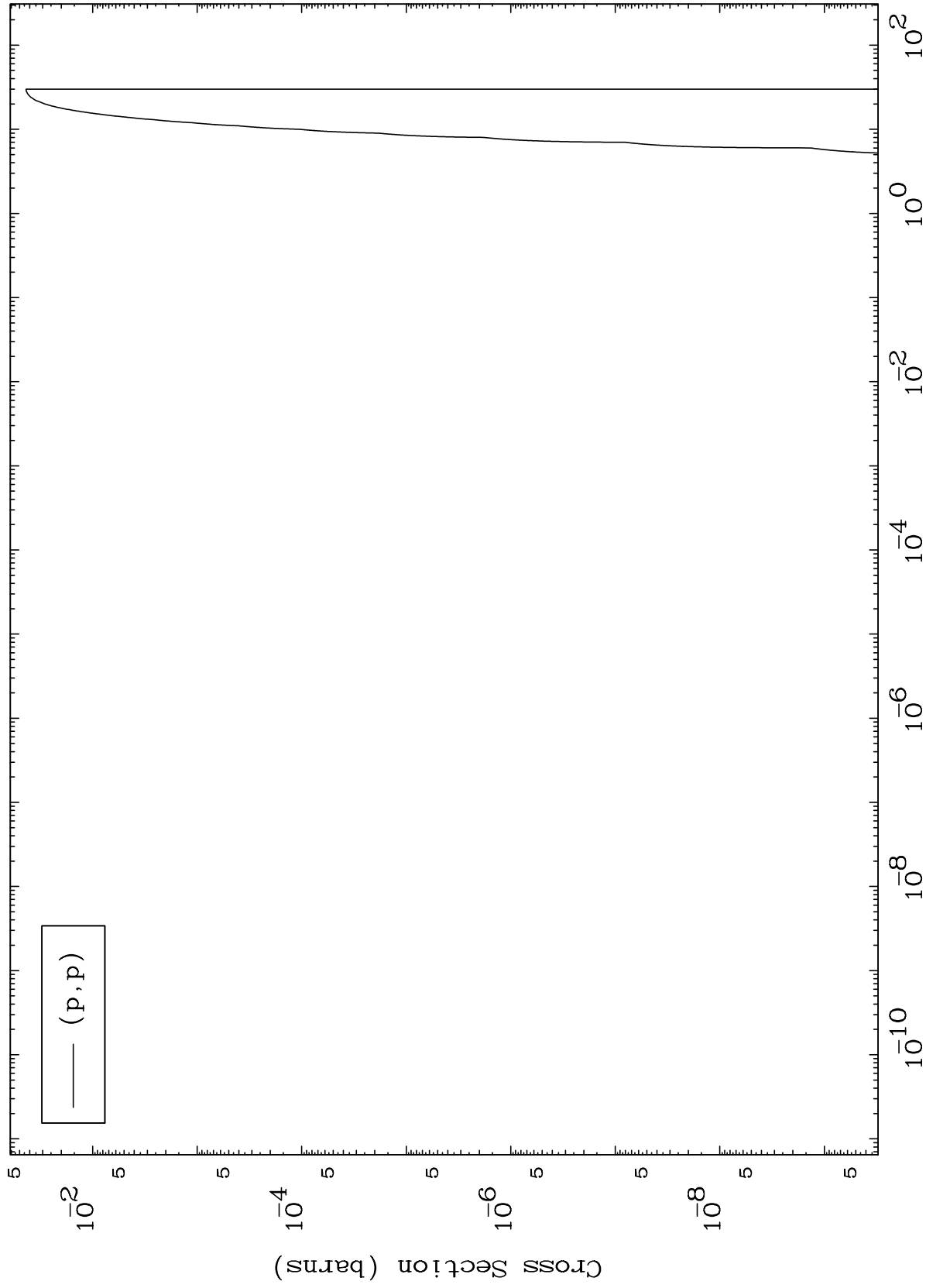
Incident Energy (MeV)

77-Ir-196

MAT 7741

(p,p) Levels
0 Kelvin Cross Sections

77-Ir-196



7

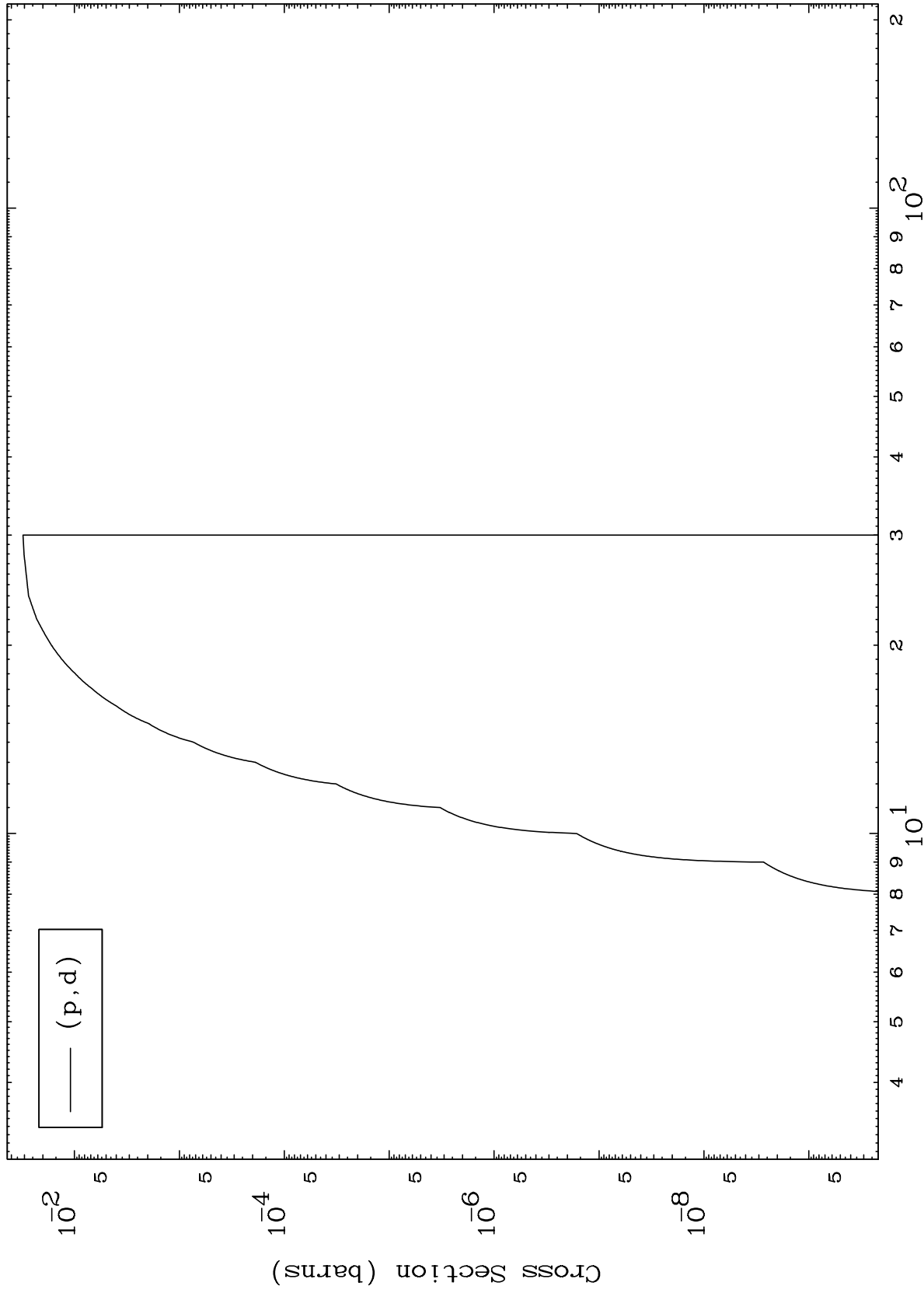
Incident Energy (MeV)

77-Ir-196

MAT 7741

77-Ir-196

(p,d) Levels
0 Kelvin Cross Sections



8

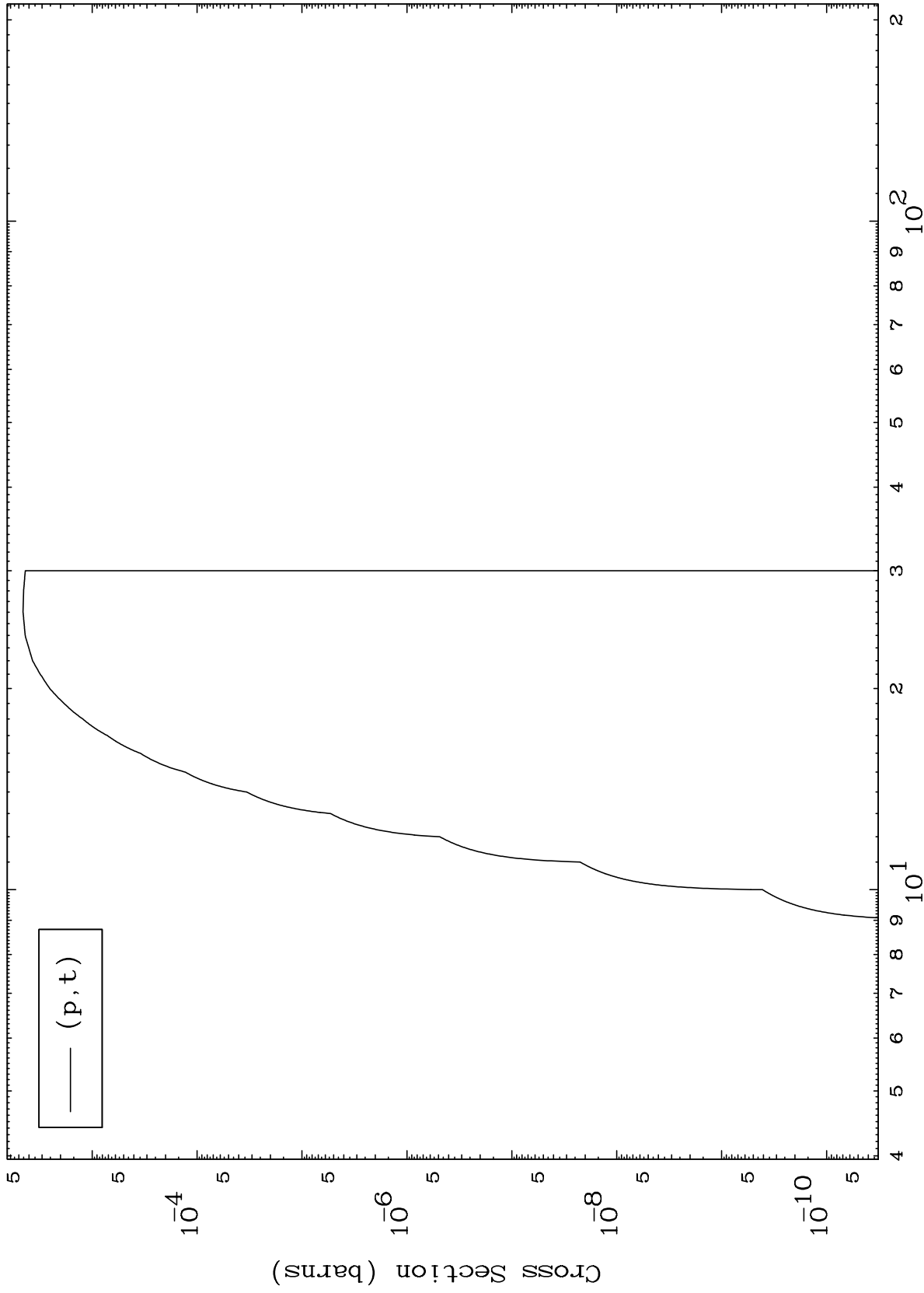
Incident Energy (MeV)

77-Ir-196

MAT 7741

77-Ir-196

(p,t) Levels
0 Kelvin Cross Sections



9

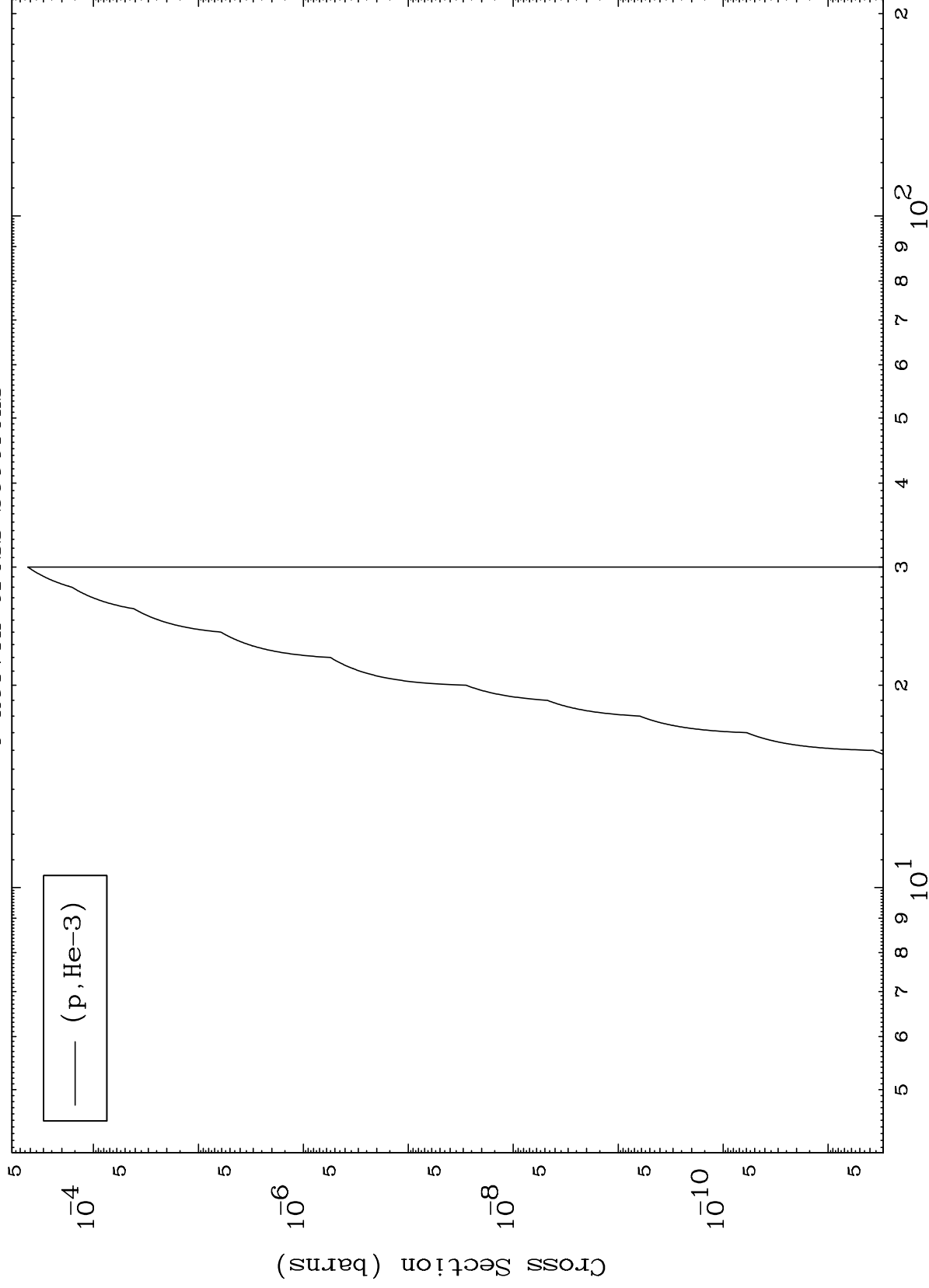
Incident Energy (MeV)

77-Ir-196

MAT 7741

(p,He3) Levels
0 Kelvin Cross Sections

77-Ir-196



10

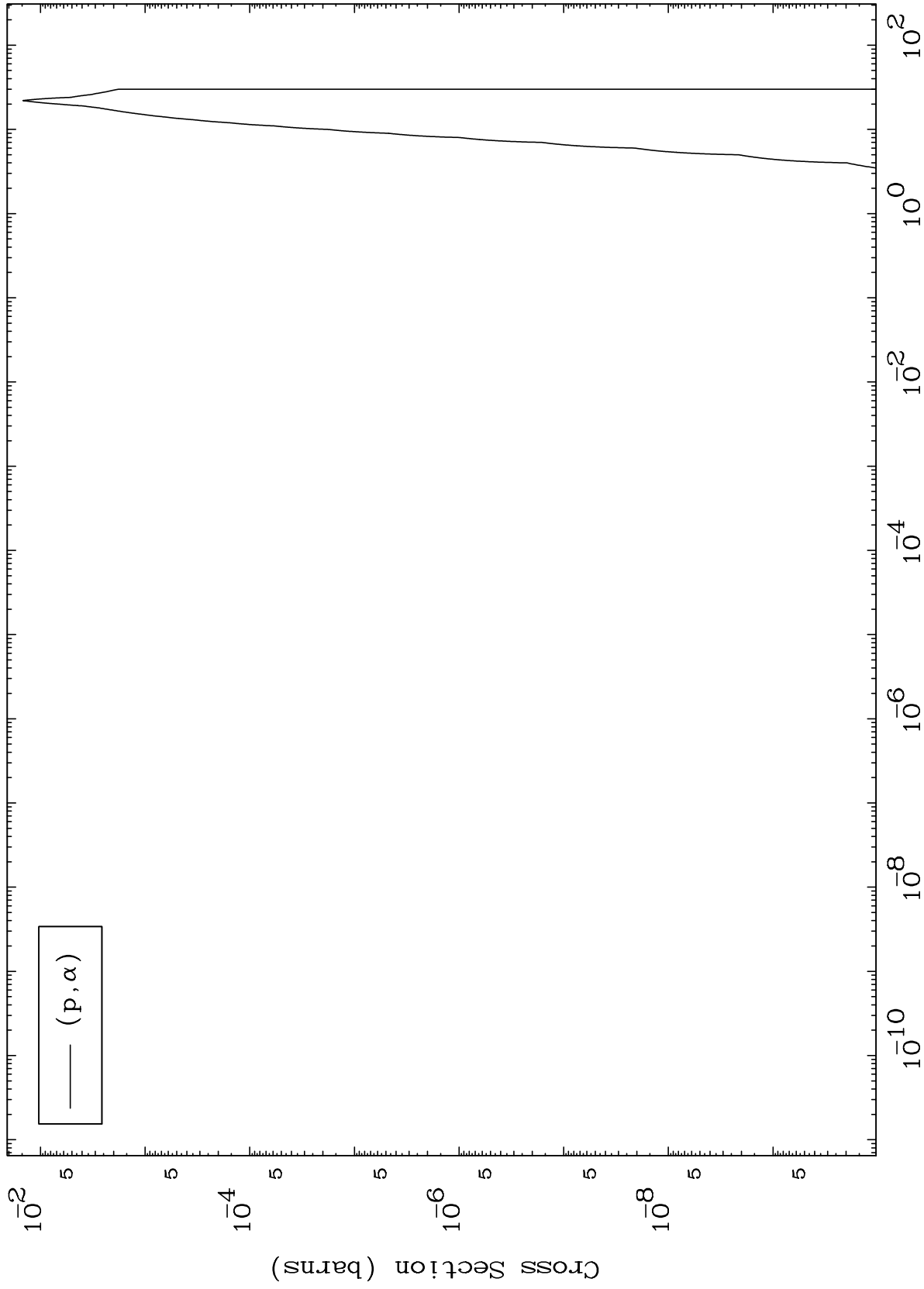
Incident Energy (MeV)

77-Ir-196

MAT 7741

(p, α) Levels
0 Kelvin Cross Sections

77-Ir-196



11

Incident Energy (MeV)

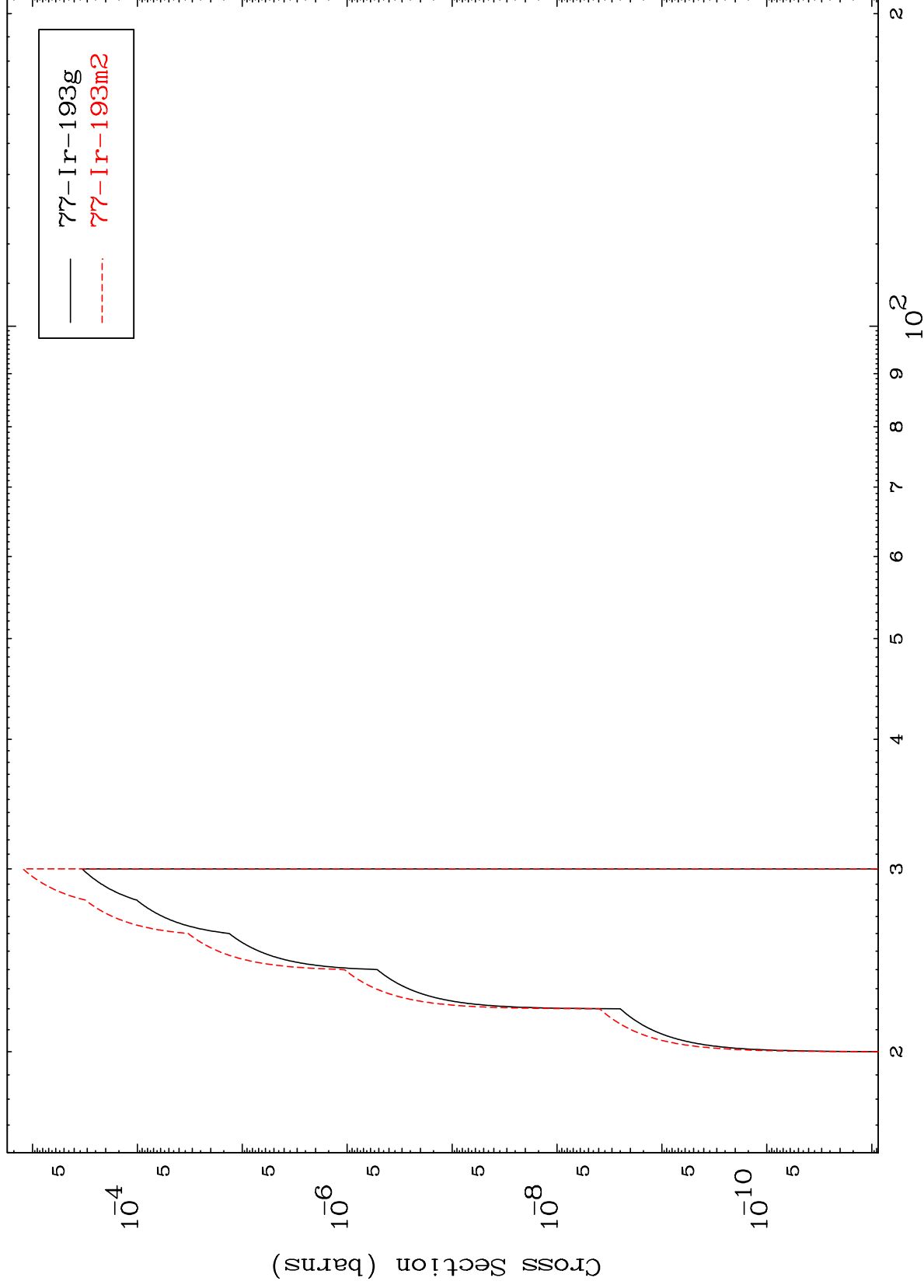
77-Ir-196

MAT 7741

(p,2n) d

77-Ir-196

Radionuclide Production Cross Section



12

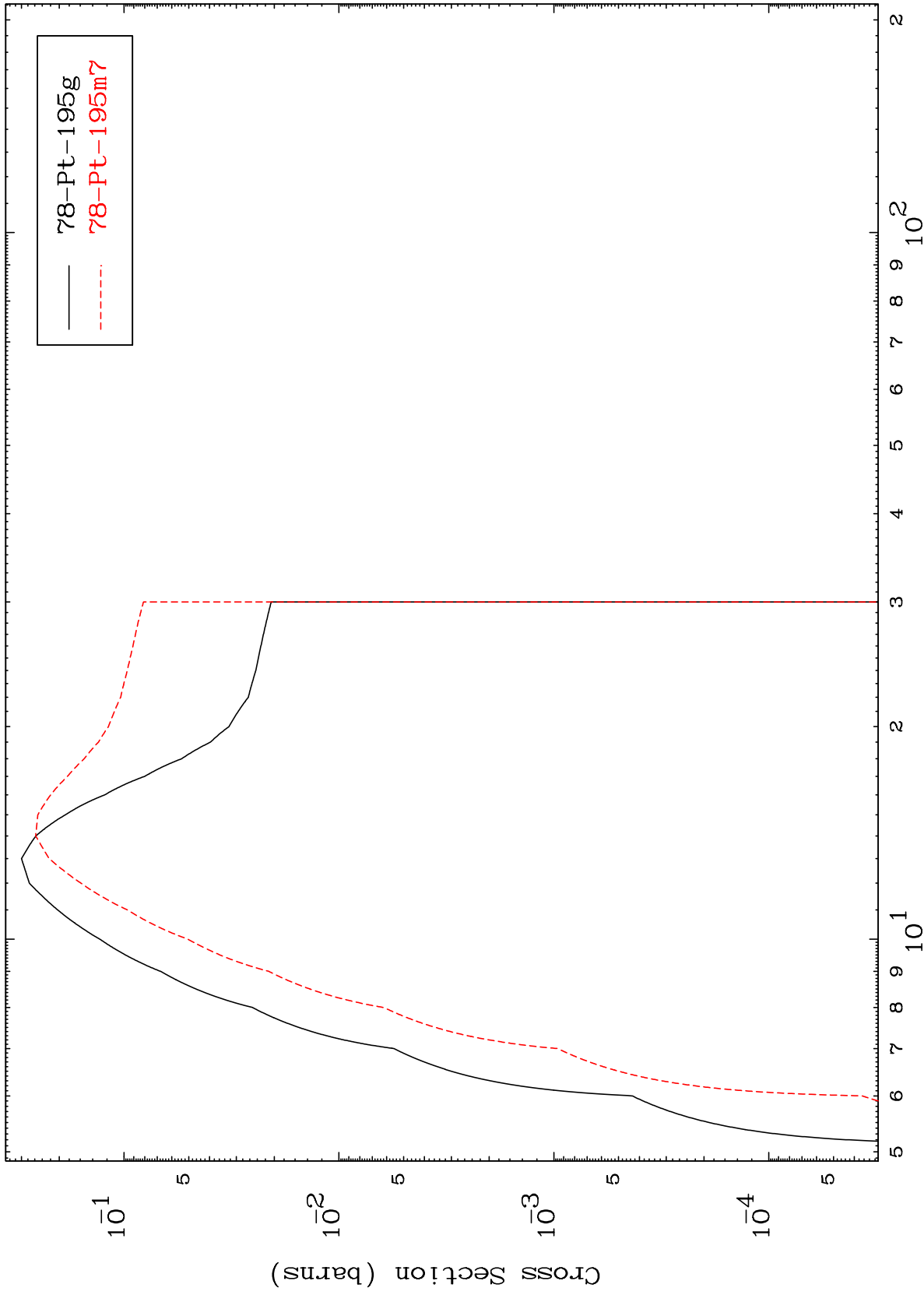
Incident Energy (MeV)

77-Ir-196

MAT 7741

77-Ir-196

(p,2n)
Radionuclide Production Cross Section



13

Incident Energy (MeV)

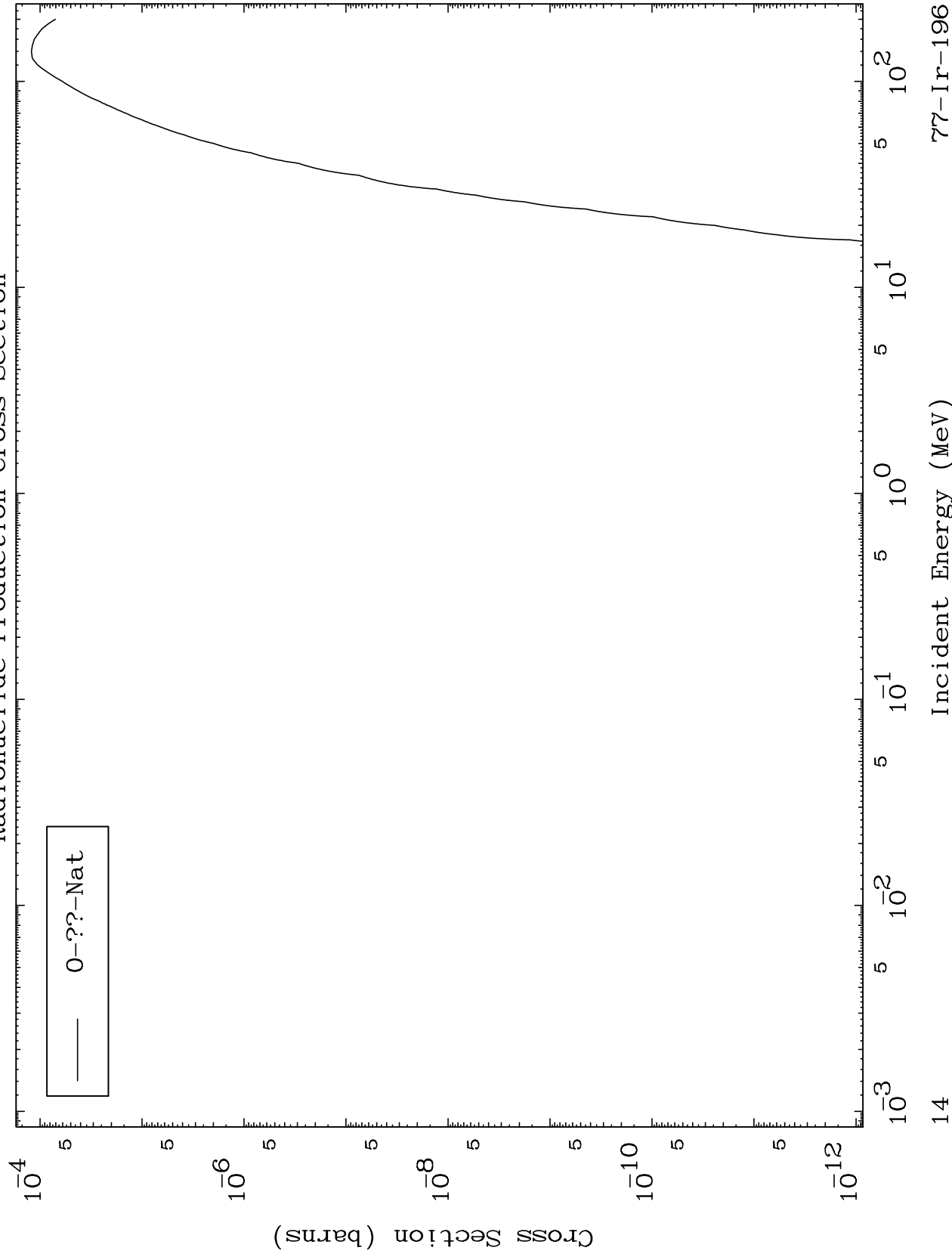
77-Ir-196

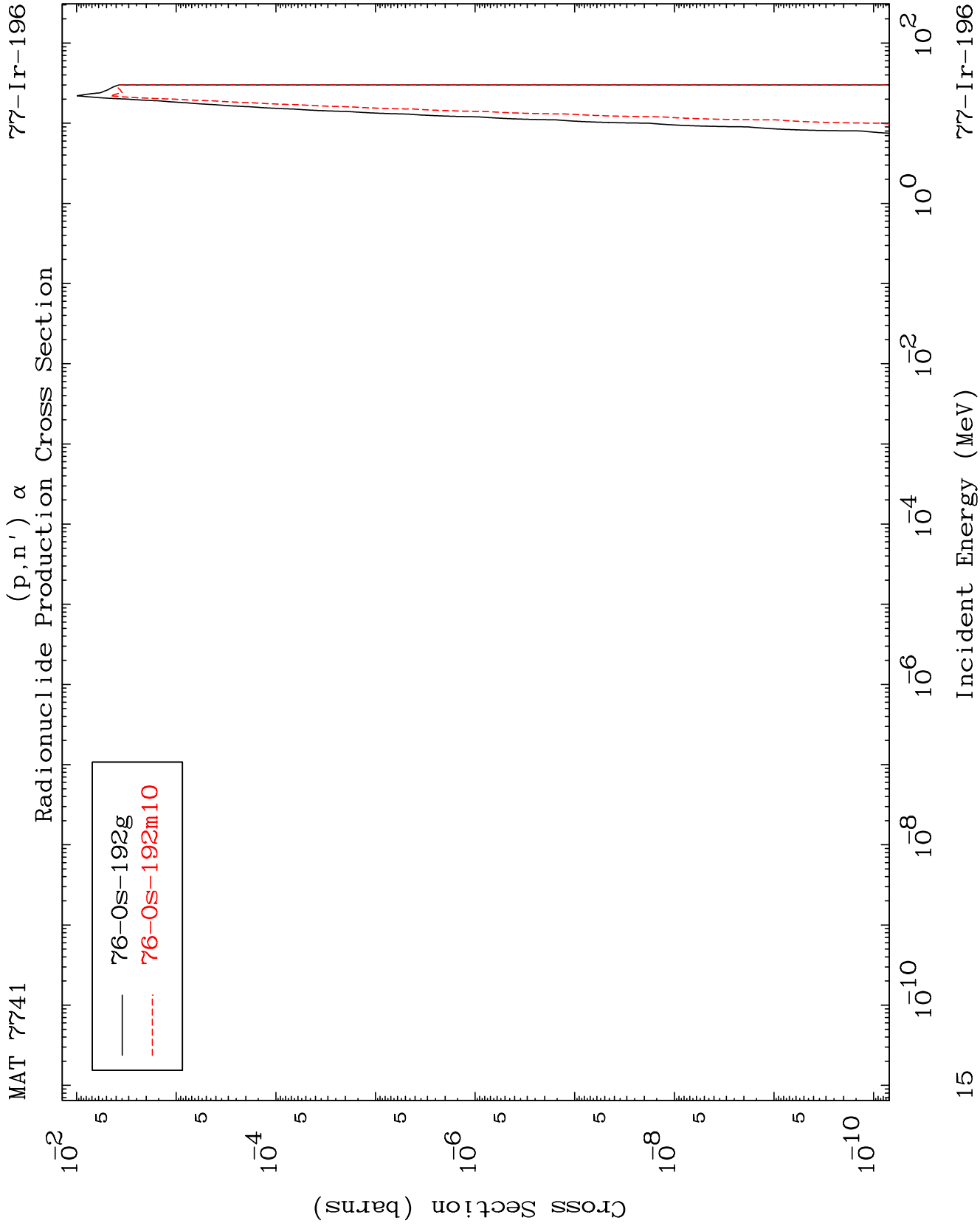
MAT 7741

Proton Fission

77-Ir-196

Radionuclide Production Cross Section



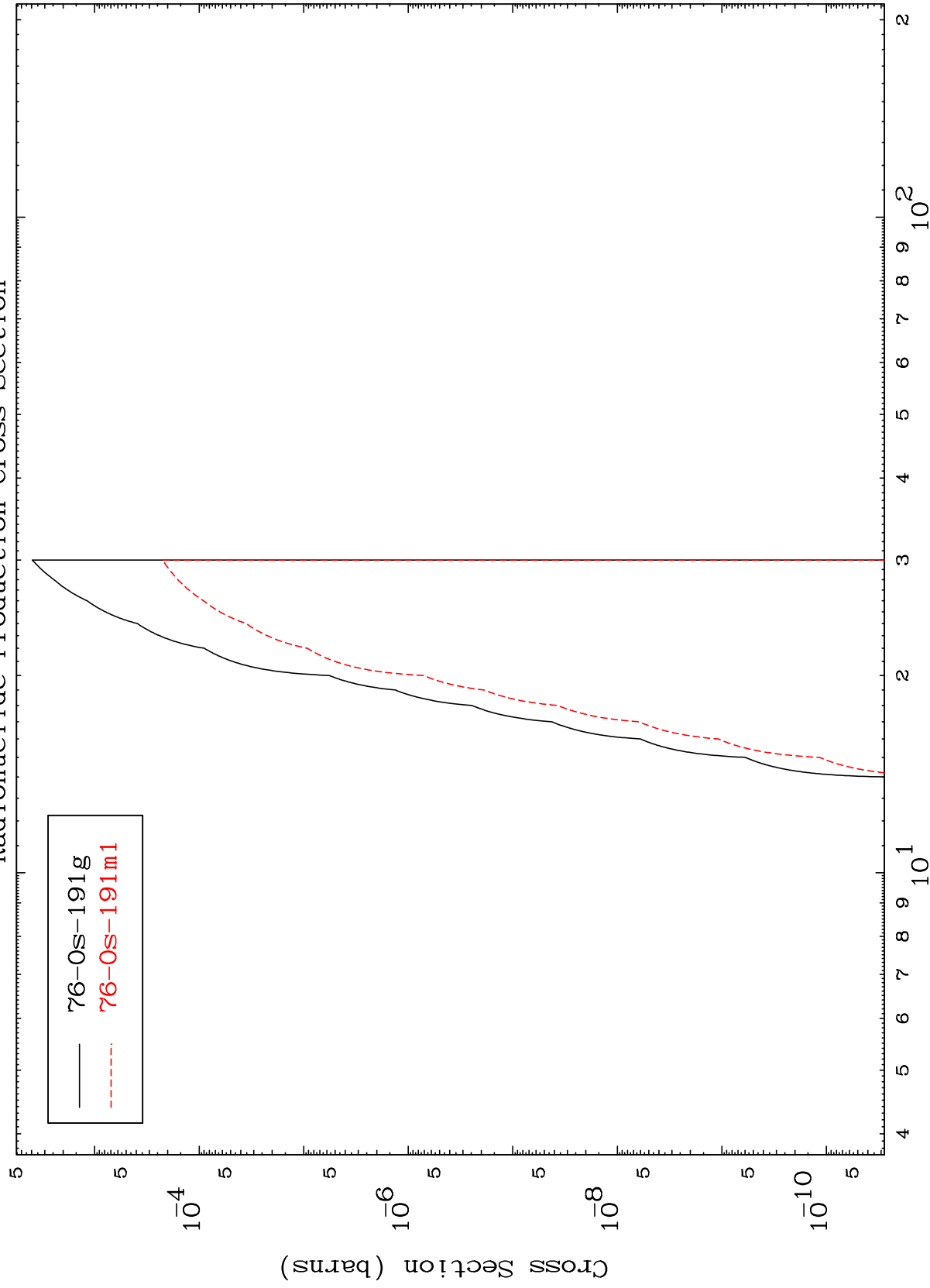


MAT 7741

^{76}Os (p,2n) ^{77}Ir

^{77}Ir -196

Radionuclide Production Cross Section



16

Incident Energy (MeV)

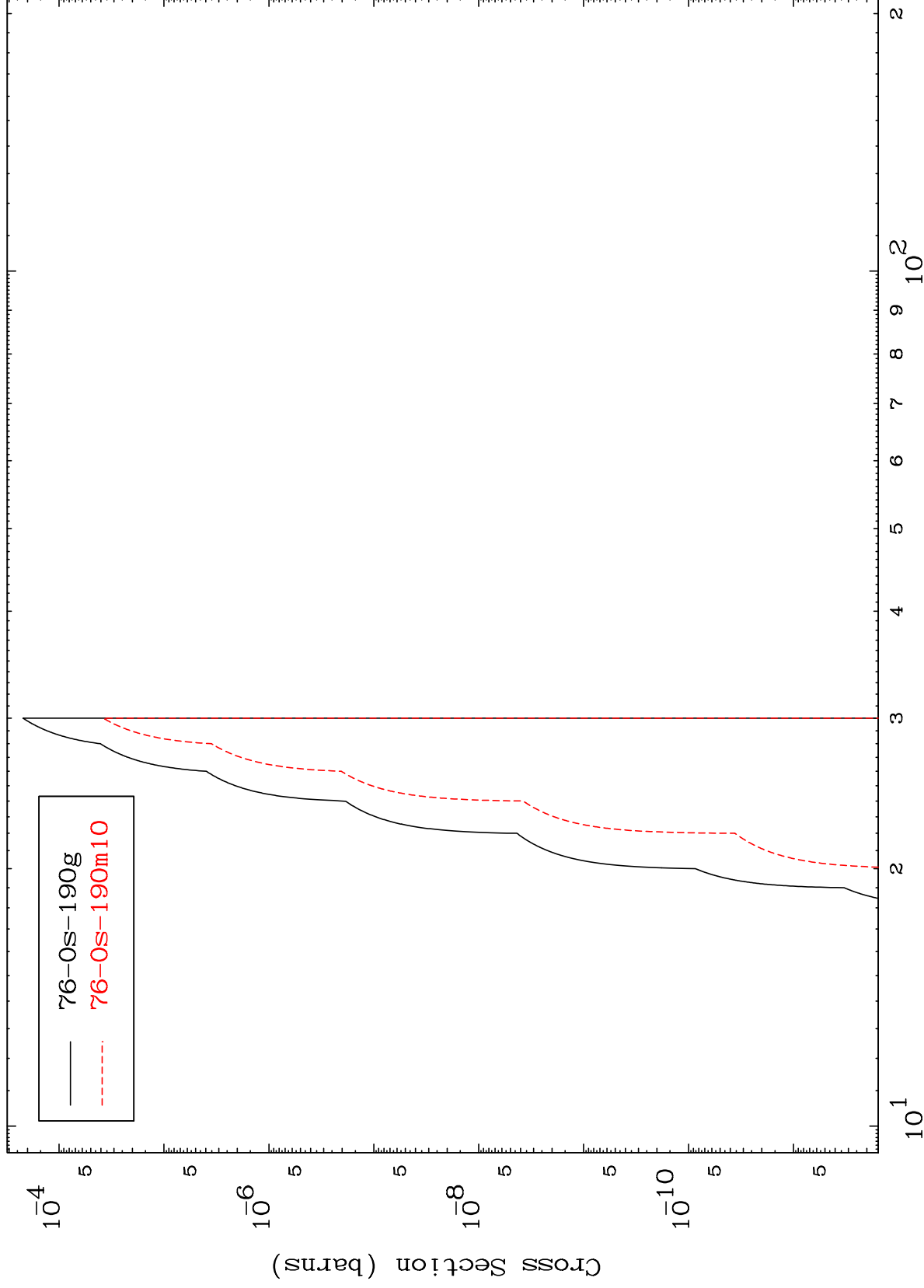
^{77}Ir -196

MAT 7741

^{76}Os α

^{190}mIr

Radionuclide Production Cross Section



17

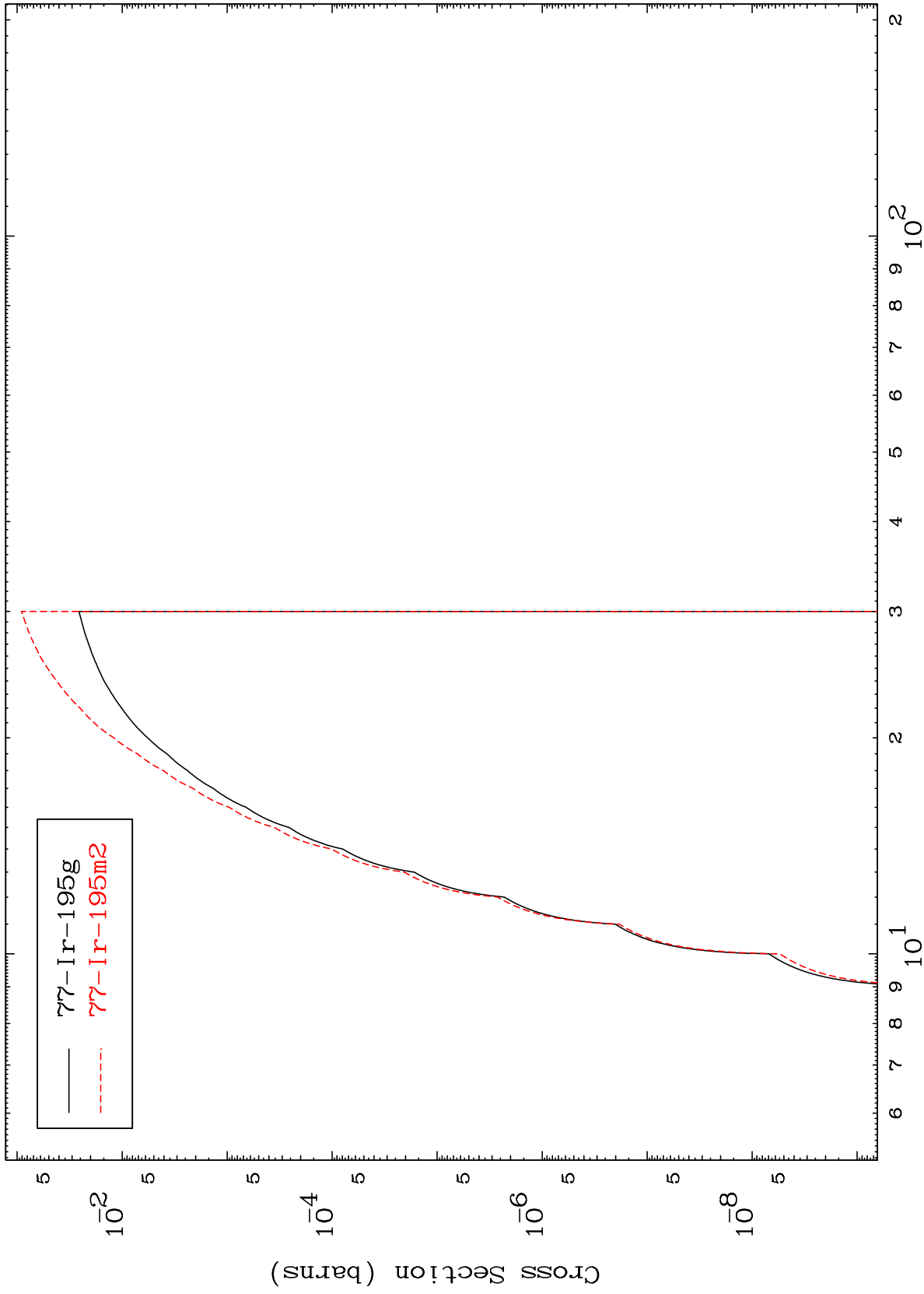
Incident Energy (MeV)

^{190}mIr

MAT 7741

77-Ir-196

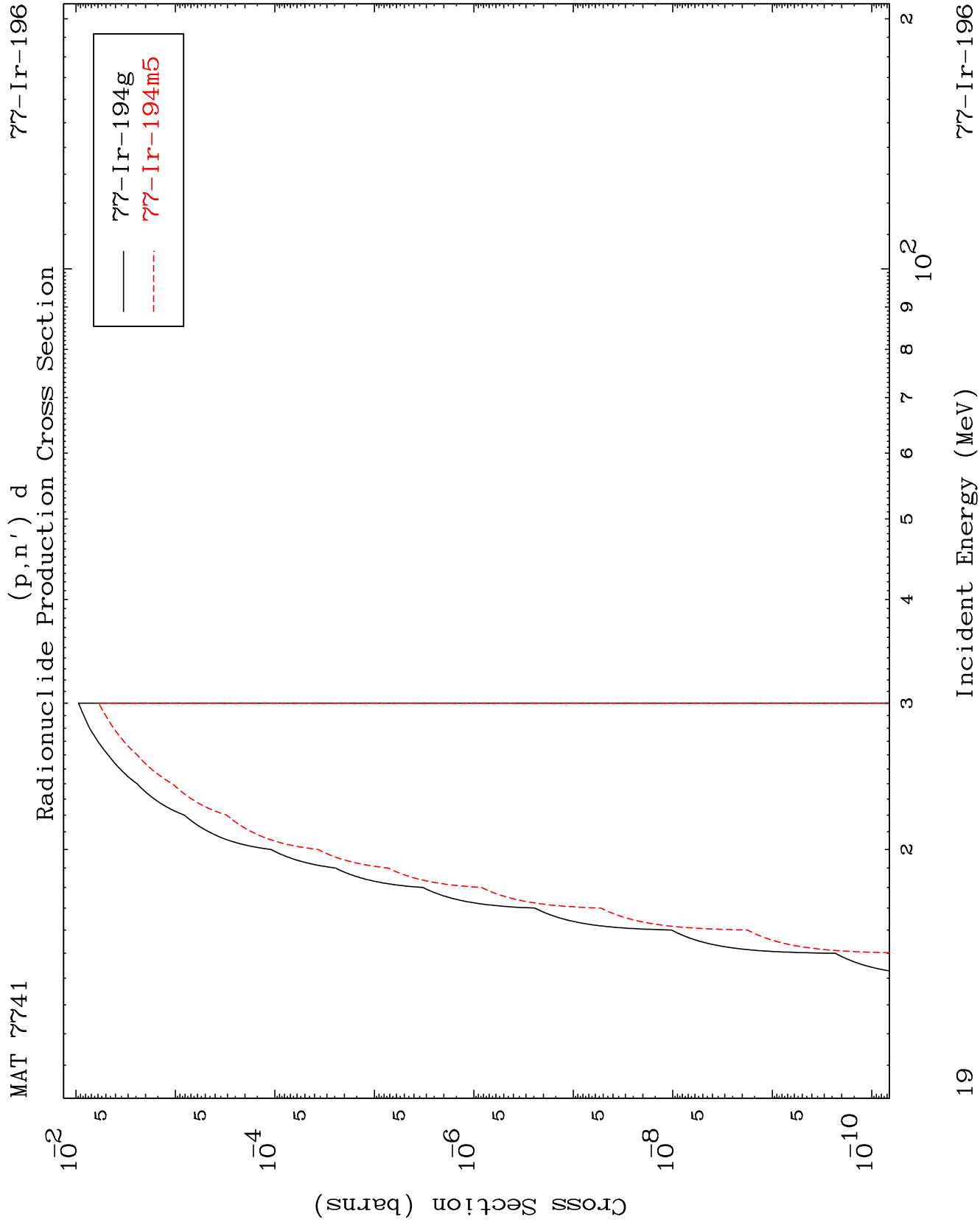
(p,n') p
Radionuclide Production Cross Section



18

Incident Energy (MeV)

77-Ir-196

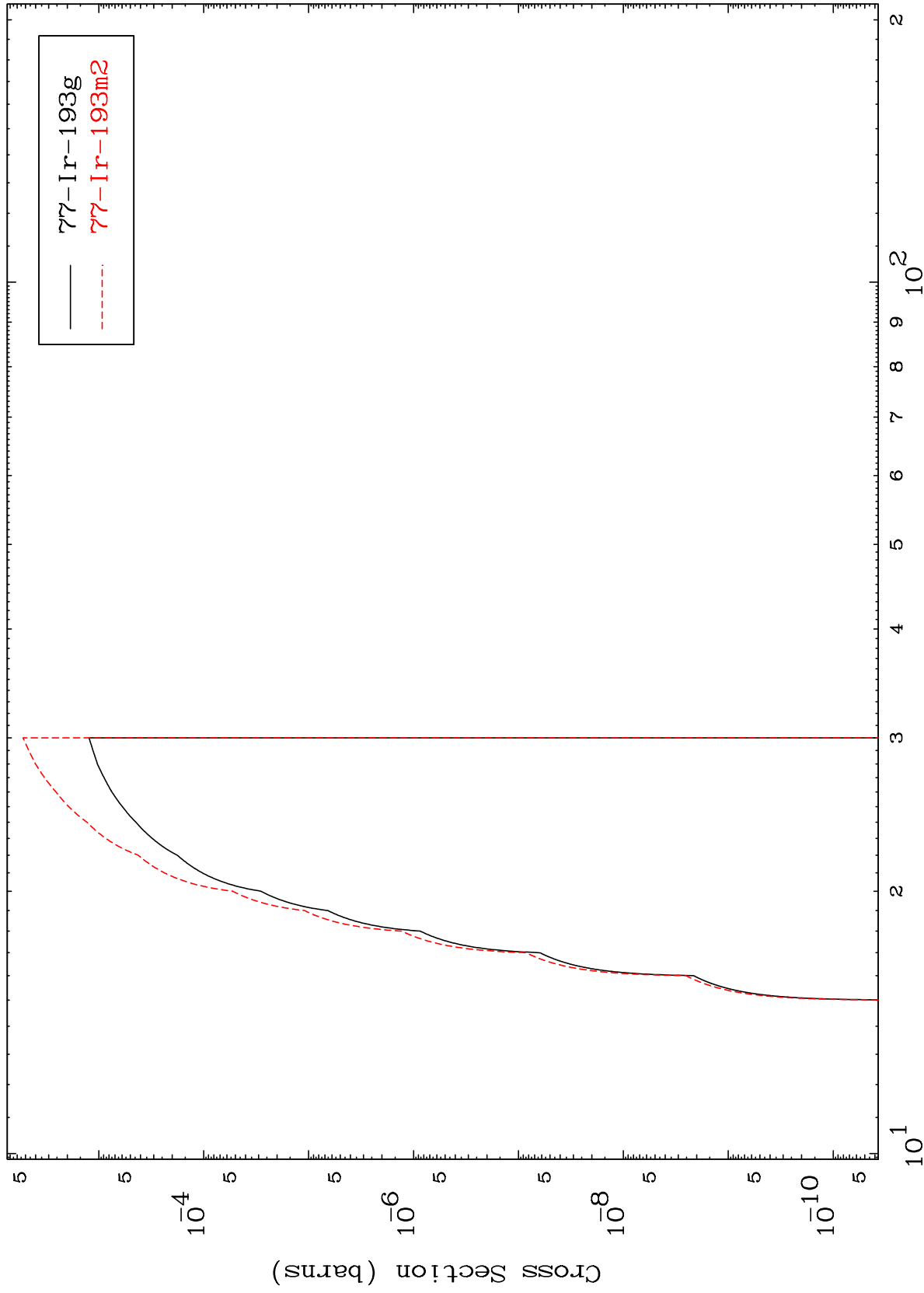


MAT 7741

(p,n') t

77-Ir-196

Radionuclide Production Cross Section



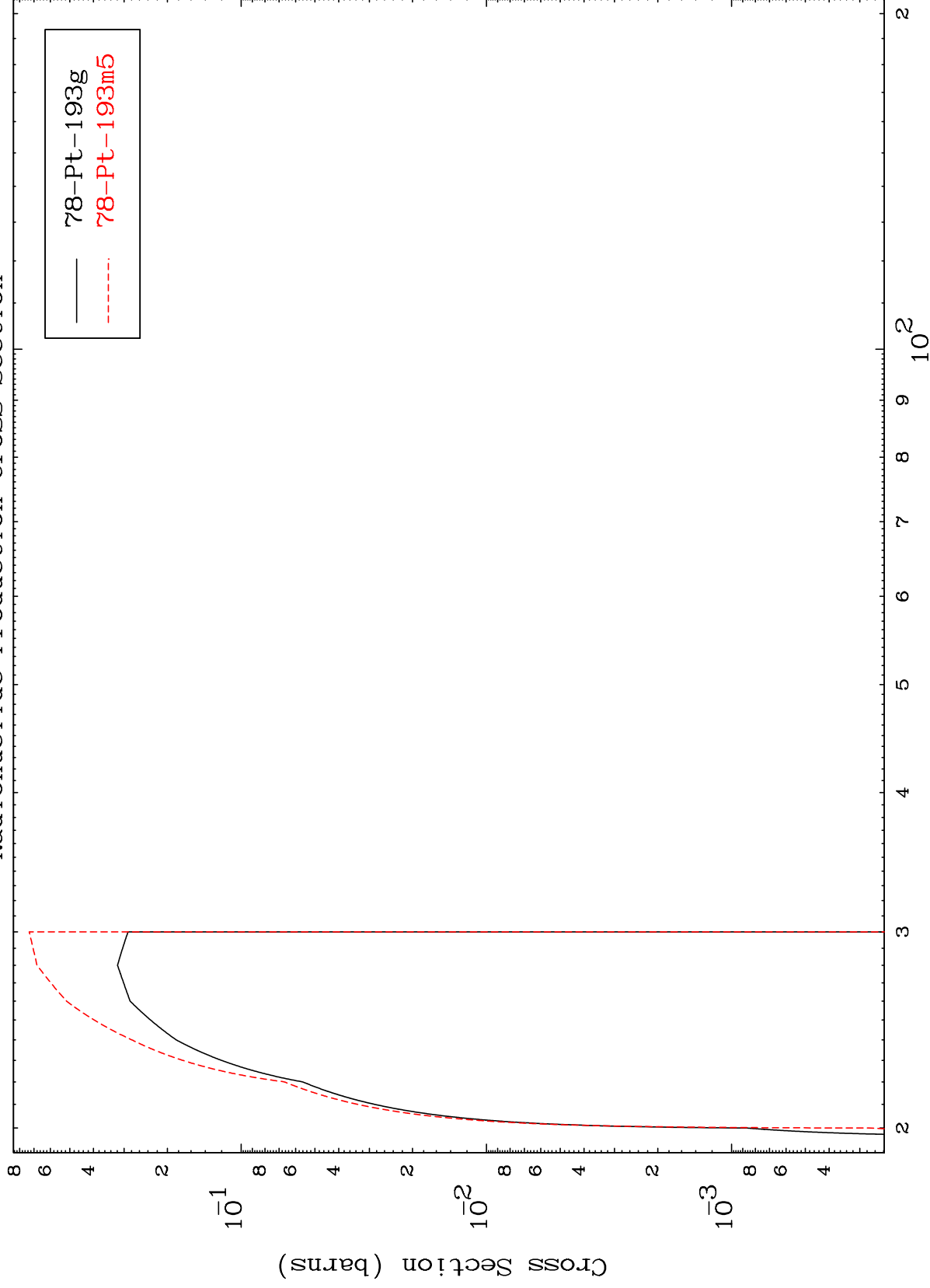
Incident Energy (MeV)

77-Ir-196

MAT 7741

77-Ir-196

(p,4n)
Radionuclide Production Cross Section



21

Incident Energy (MeV)

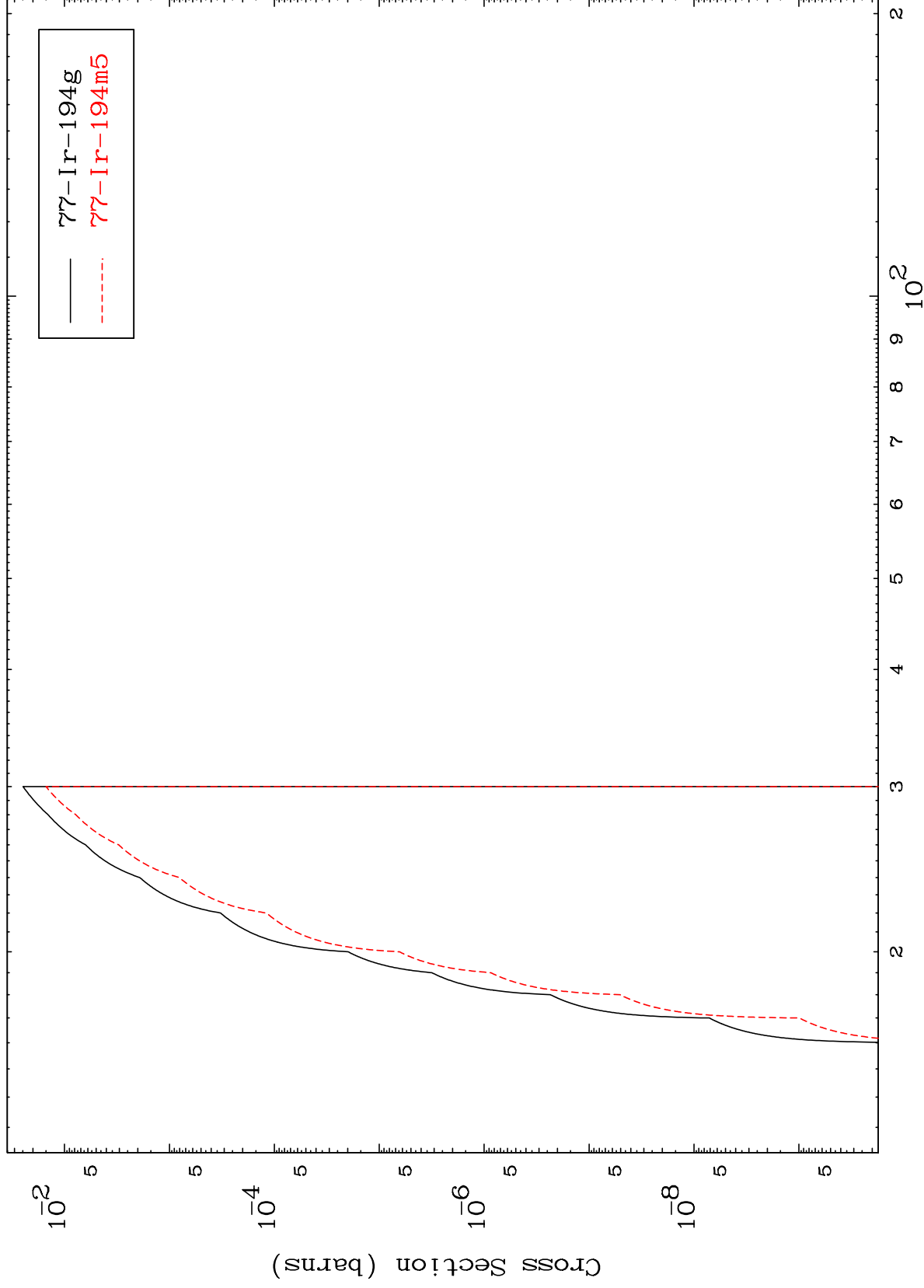
77-Ir-196

MAT 7741

(p,2n) p

77-Ir-196

Radionuclide Production Cross Section



22

Incident Energy (MeV)

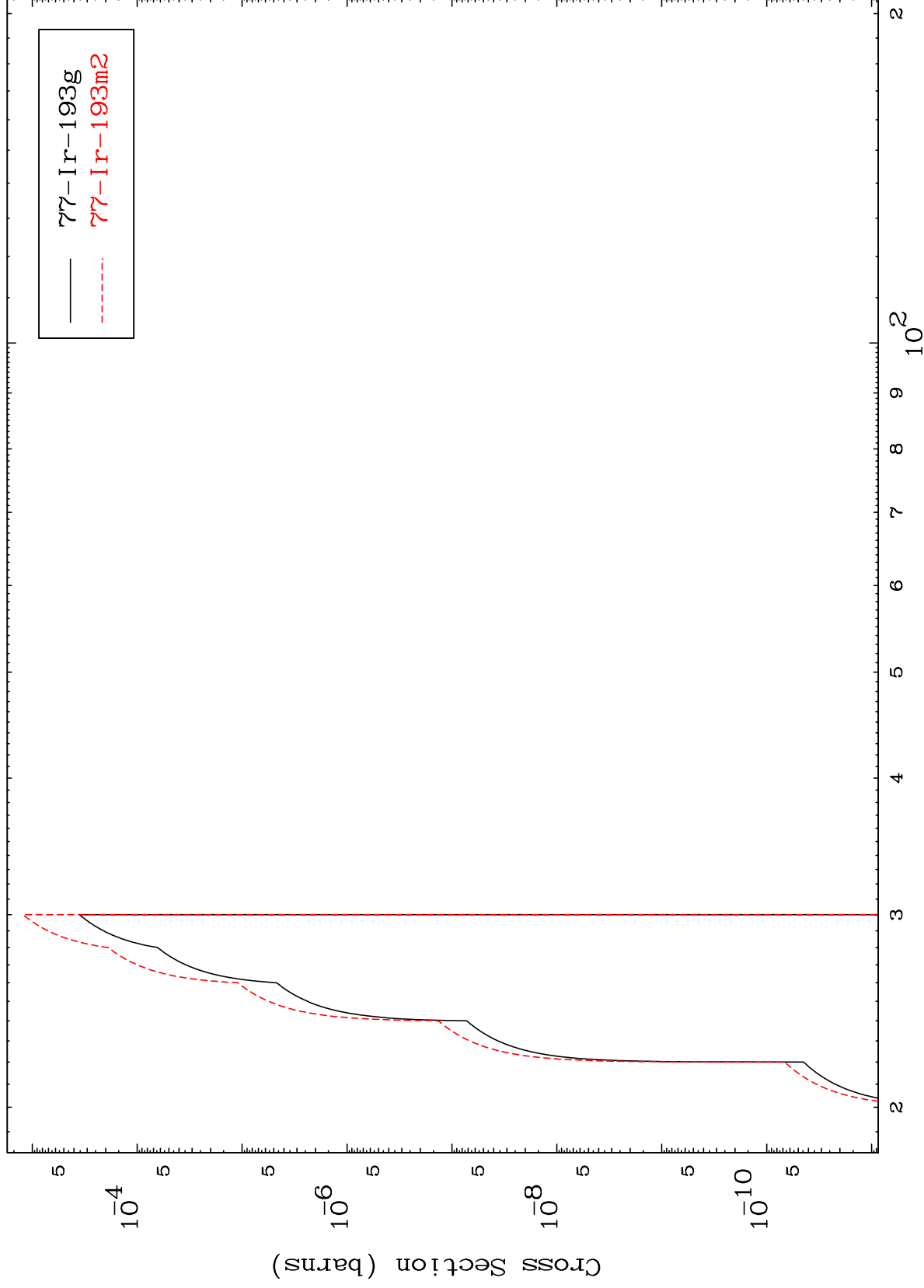
77-Ir-196

MAT 7741

(p,3n) p

⁷⁷Ir-¹⁹⁶

Radionuclide Production Cross Section



23

Incident Energy (MeV)

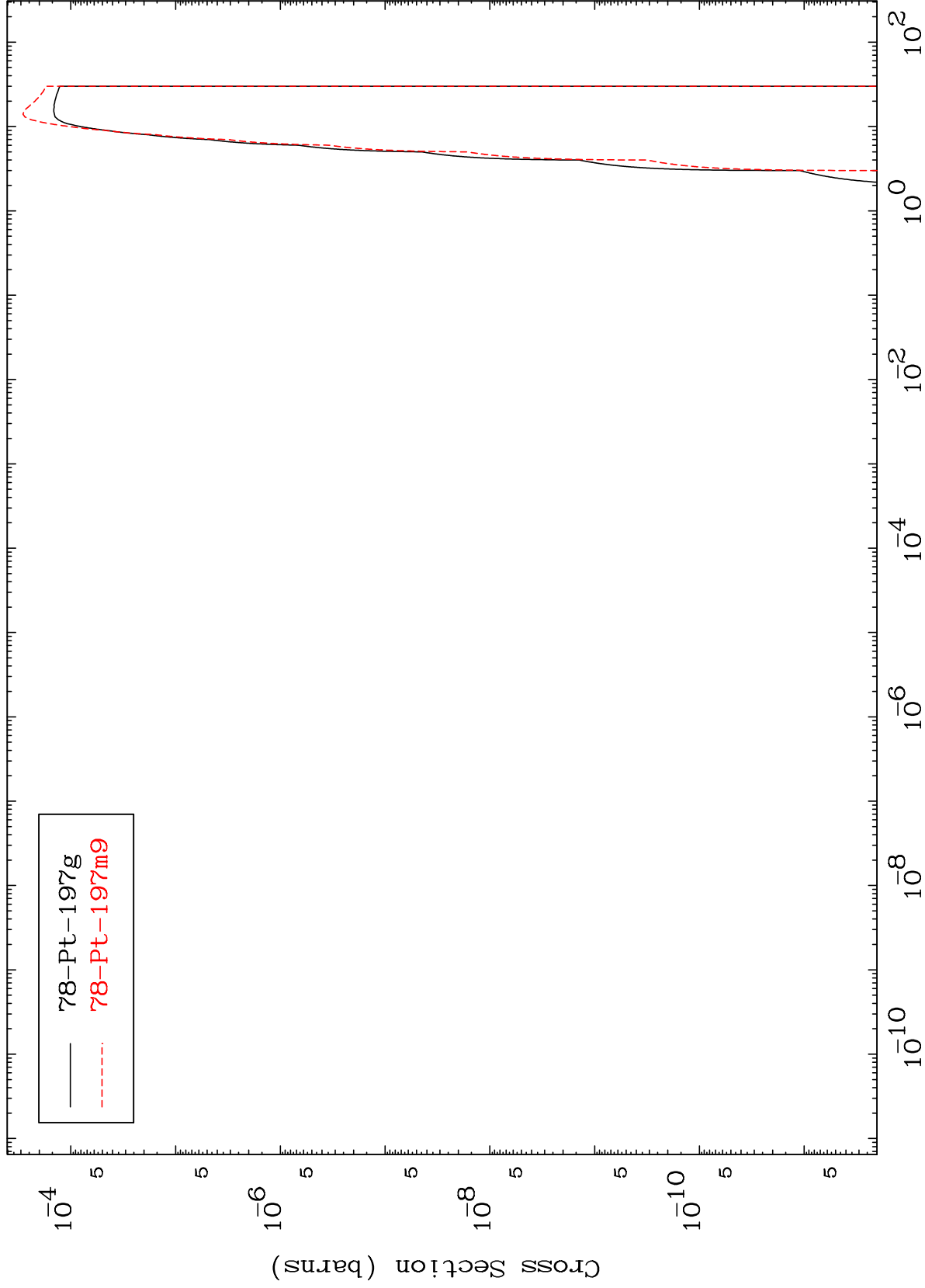
⁷⁷Ir-¹⁹⁶

MAT 7741

(p,γ)

77-Ir-196

Radionuclide Production Cross Section



24

Incident Energy (MeV)

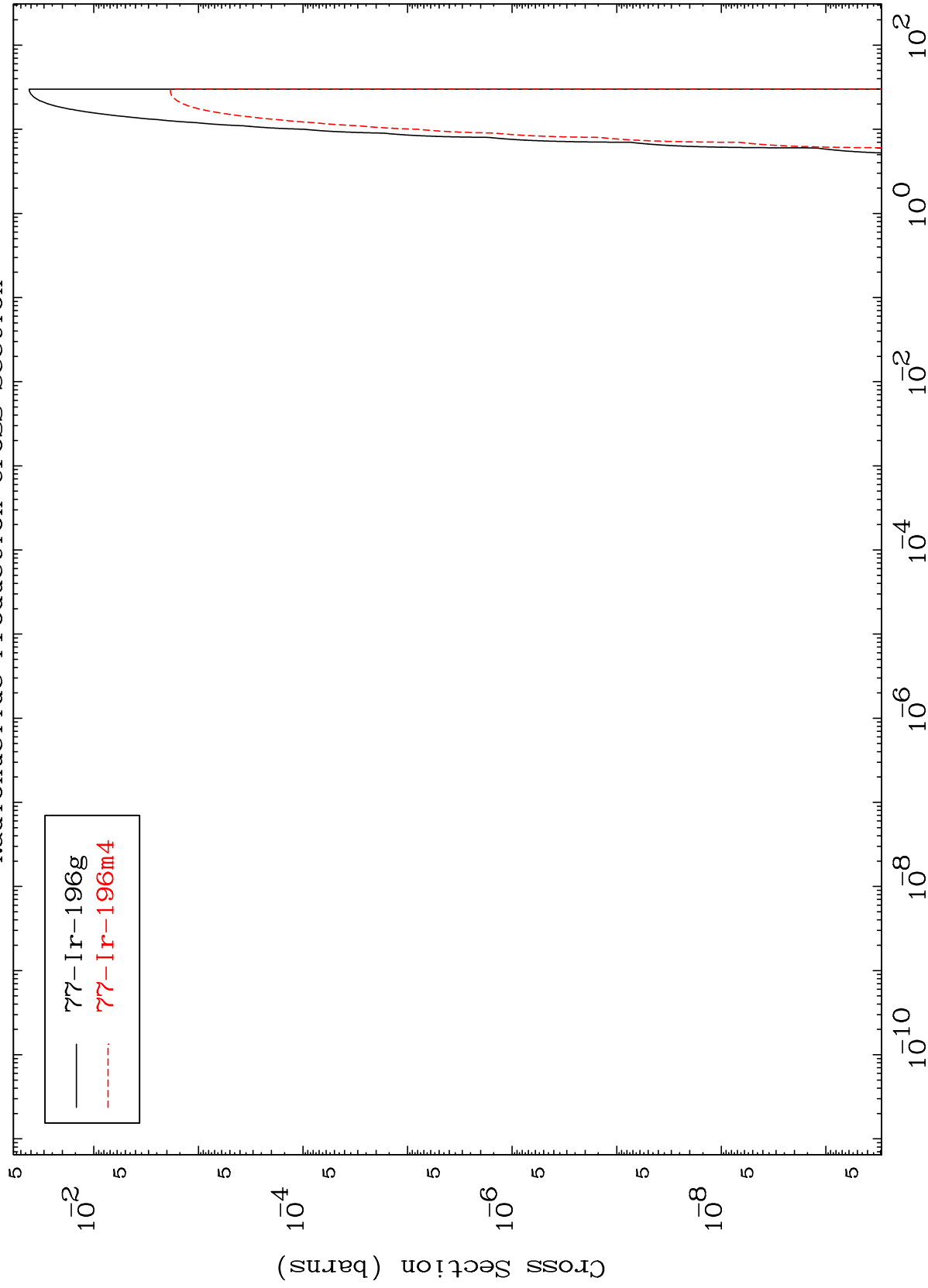
77-Ir-196

MAT 7741

(p,p)

77-Ir-196

Radionuclide Production Cross Section



25

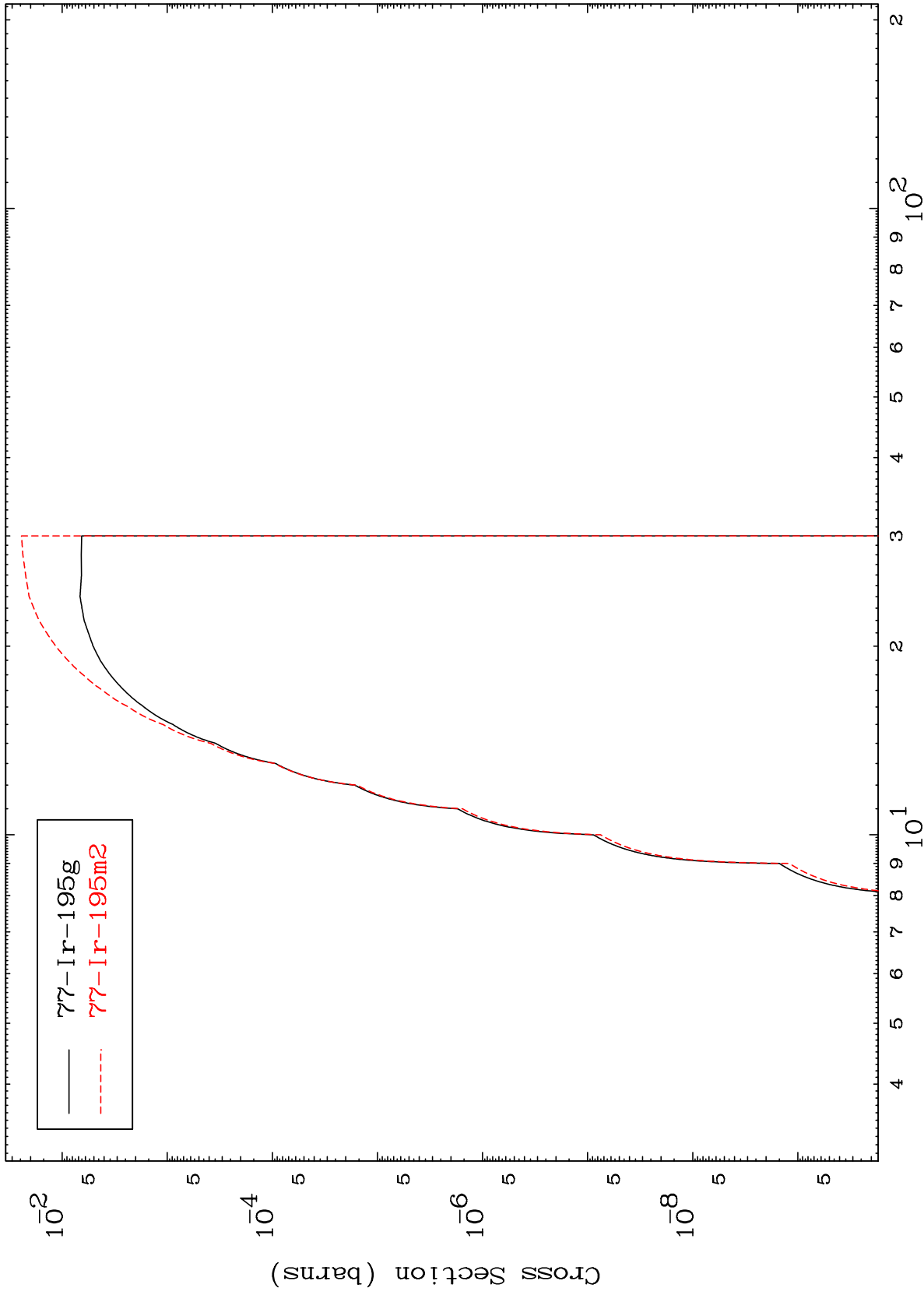
Incident Energy (MeV)

77-Ir-196

MAT 7741

77-Ir-196

(p,d)
Radionuclide Production Cross Section



26

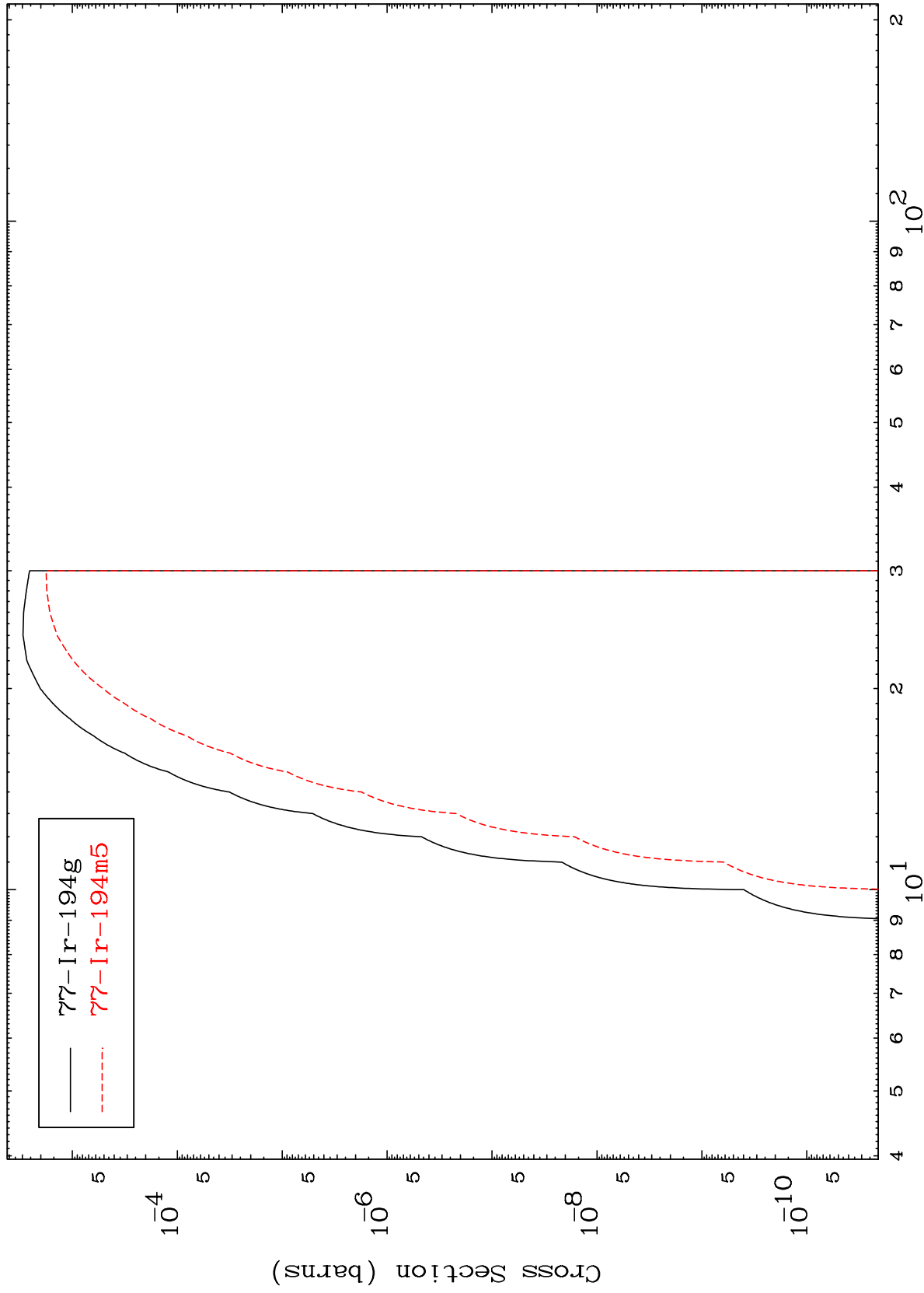
Incident Energy (MeV)

77-Ir-196

MAT 7741

77-Ir-196

(p,t)
Radionuclide Production Cross Section



27

Incident Energy (MeV)

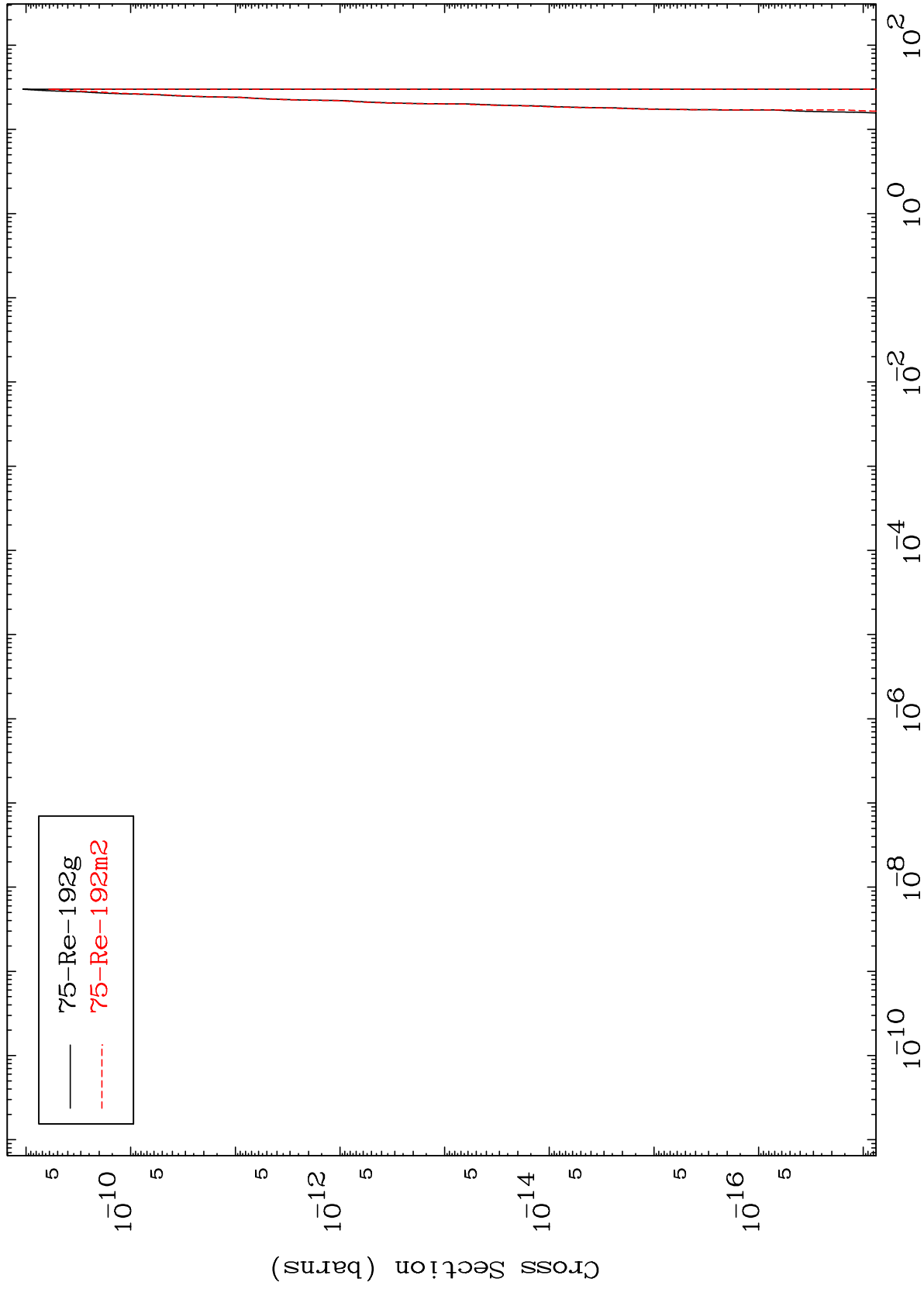
77-Ir-196

MAT 7741

(p,p) α

⁷⁷Ir-¹⁹⁶

Radionuclide Production Cross Section



28

Incident Energy (MeV)

⁷⁷Ir-¹⁹⁶