

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

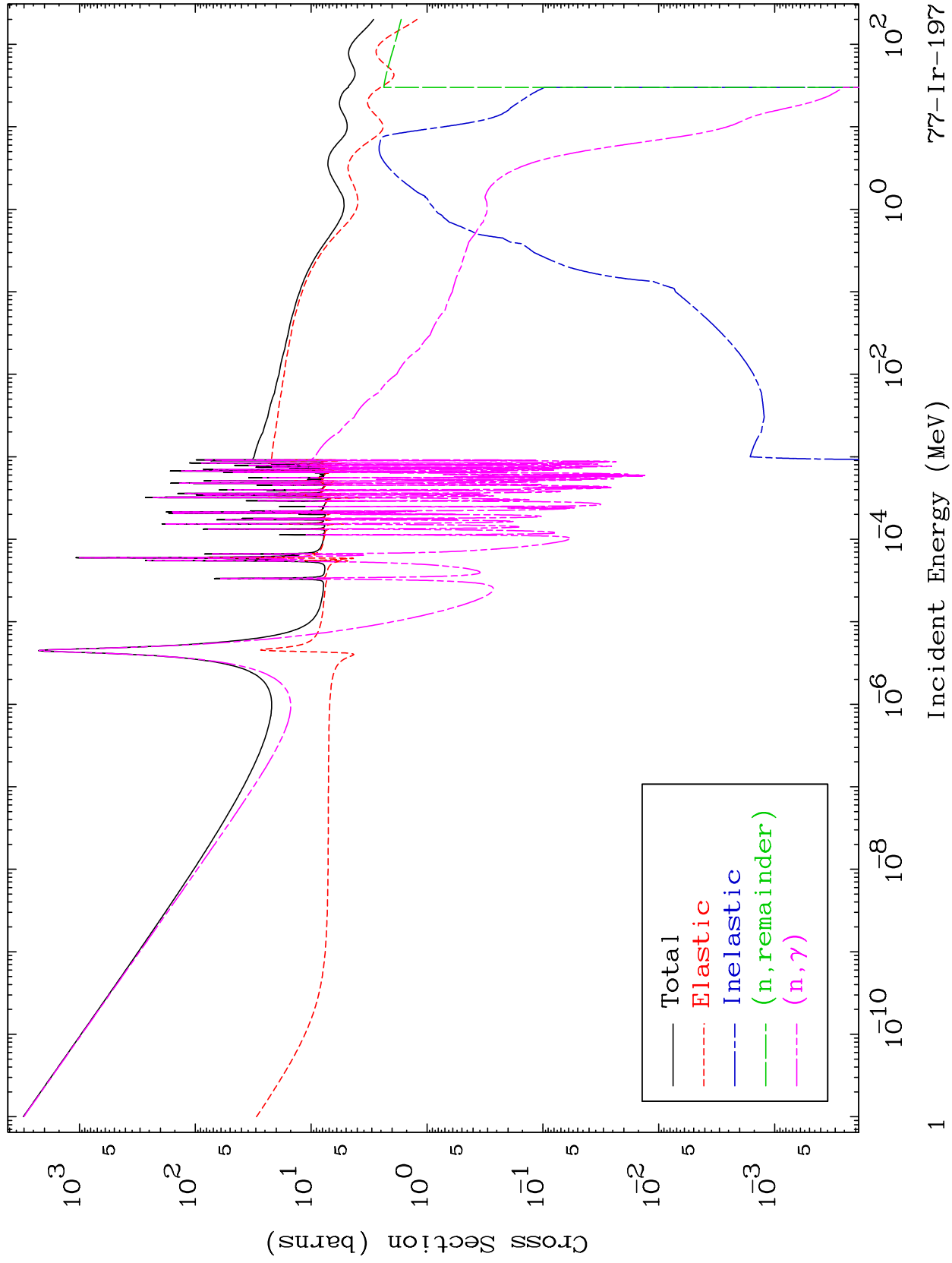
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 7744

Major
293 Kelvin Cross Sections

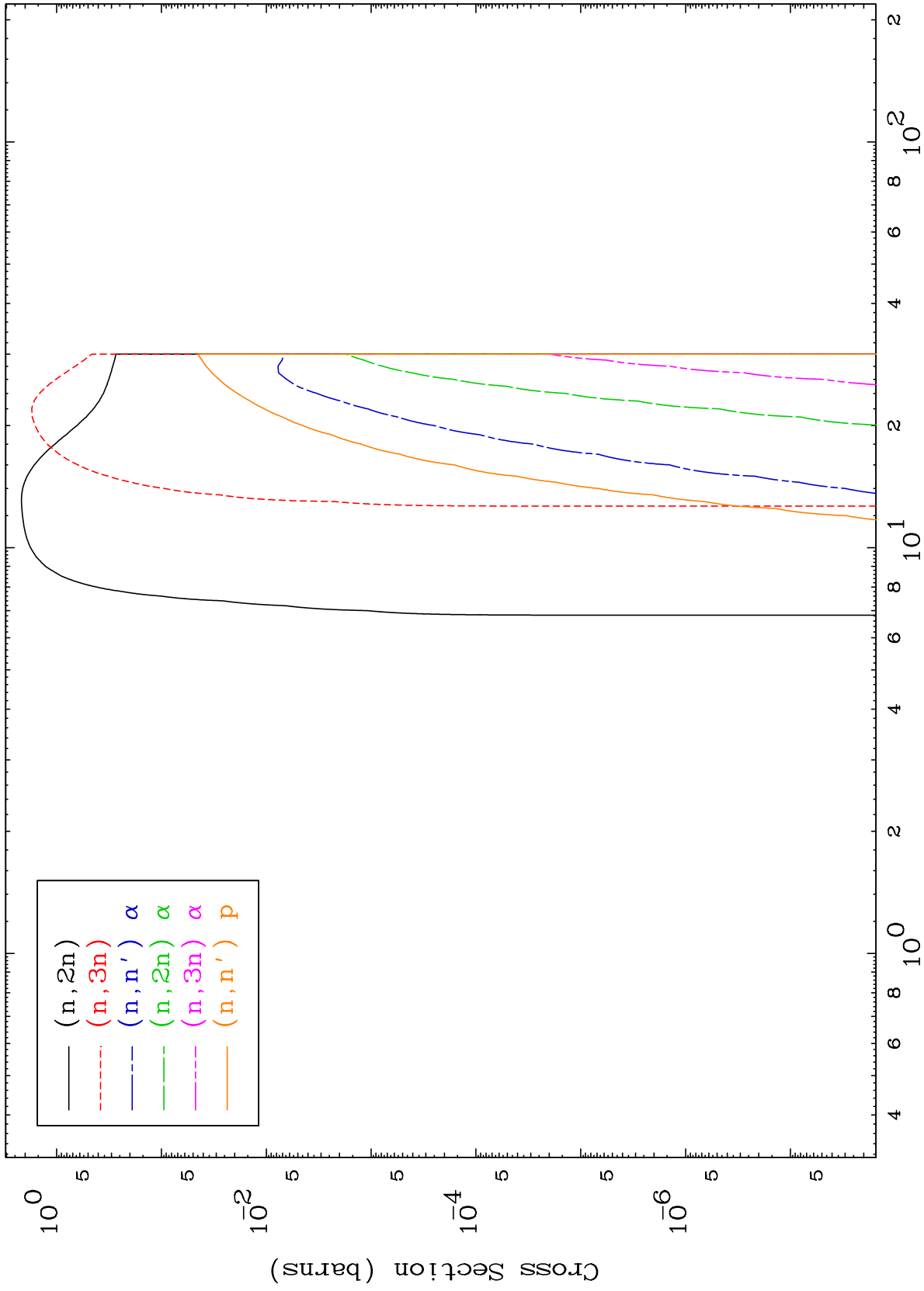
77-Ir-197



MAT 7744

Neutron Production
293 Kelvin Cross Sections

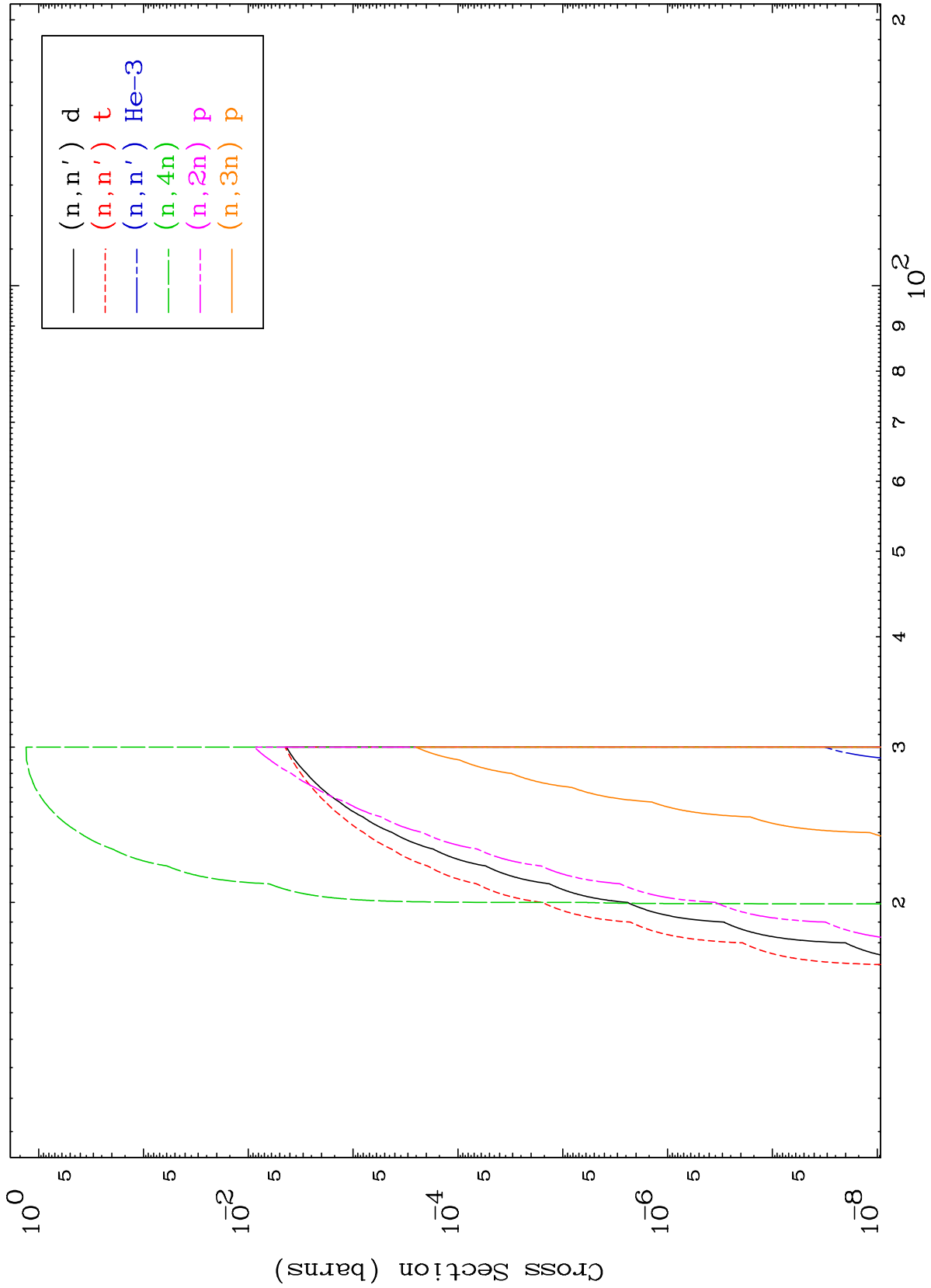
77-Ir-197



2

Incident Energy (MeV)

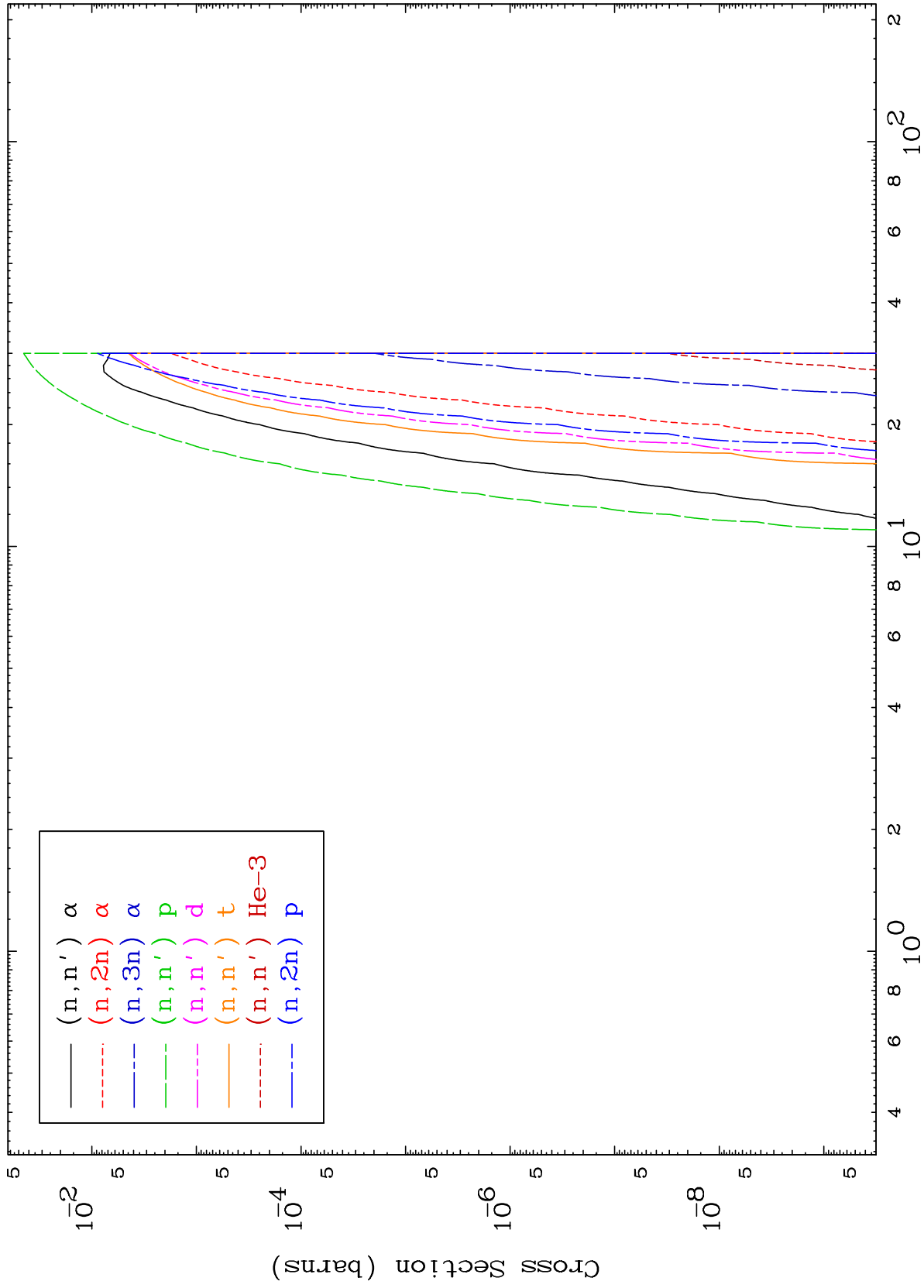
77-Ir-197



MAT 7744

293 Kelvin Cross Sections

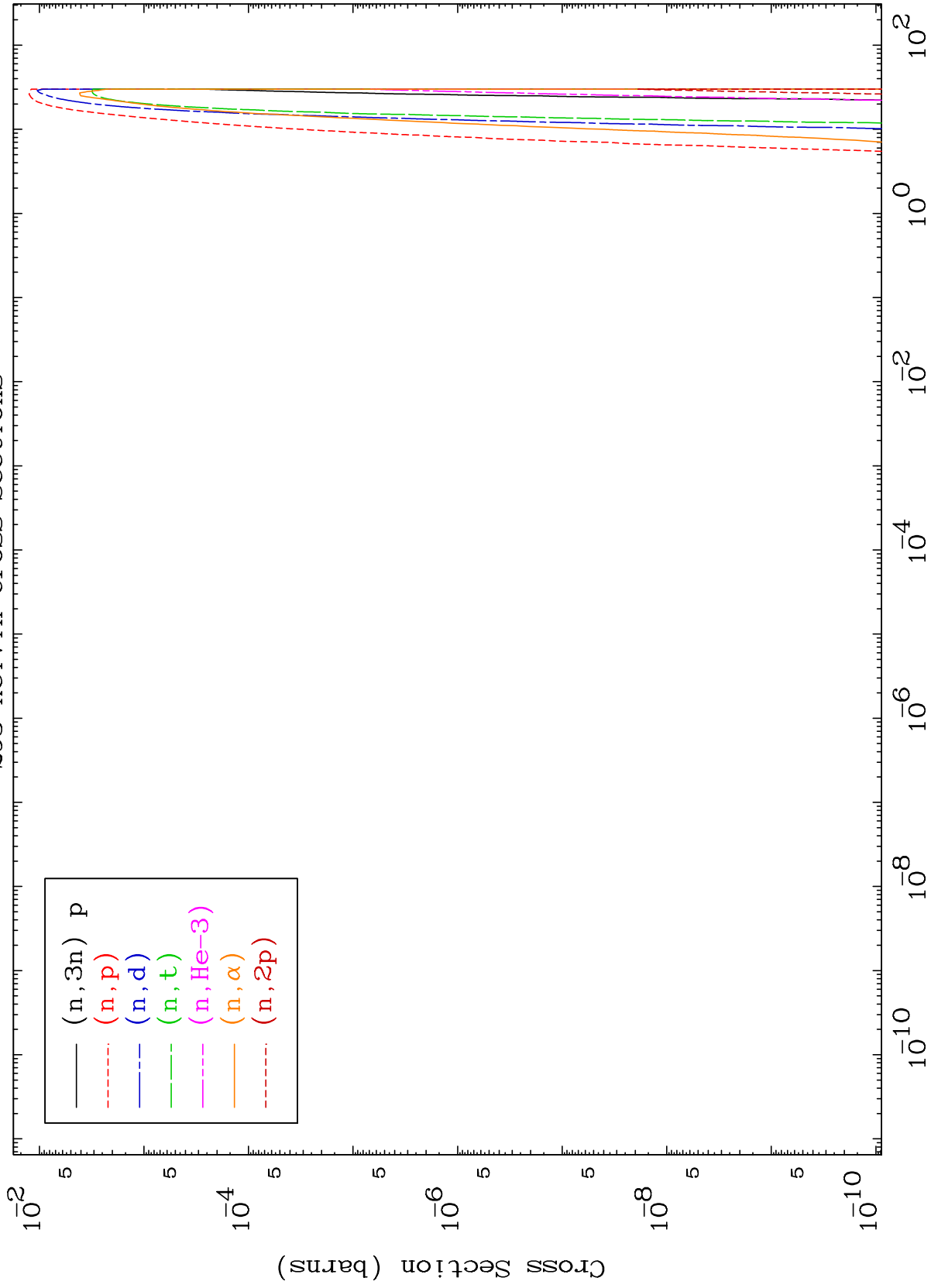
77-Ir-197



MAT 7744

Charged Particle
293 Kelvin Cross Sections

77-Ir-197

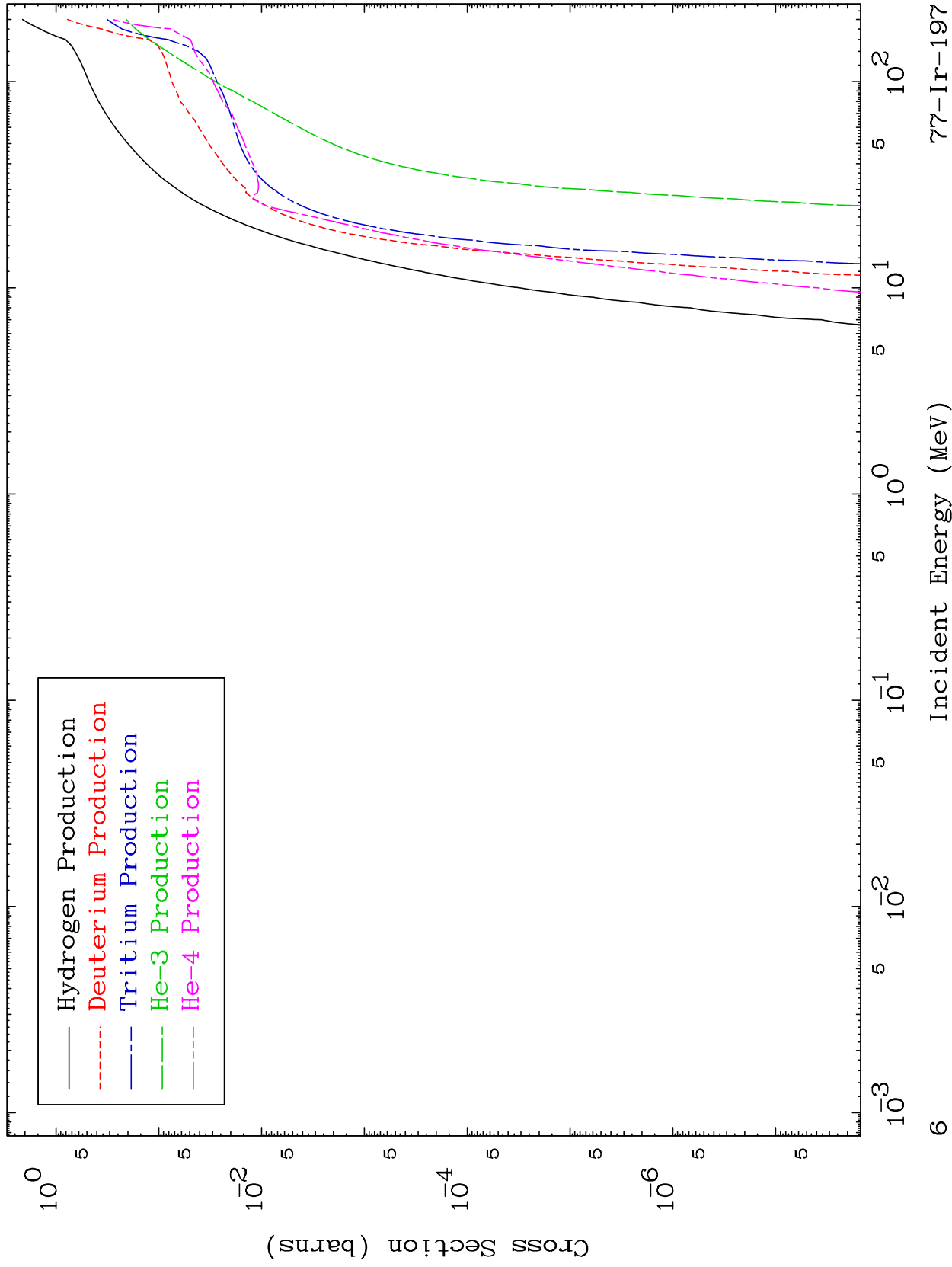


77-Ir-197

MAT 7744

Particle Production
293 Kelvin Cross Sections

77-Ir-197

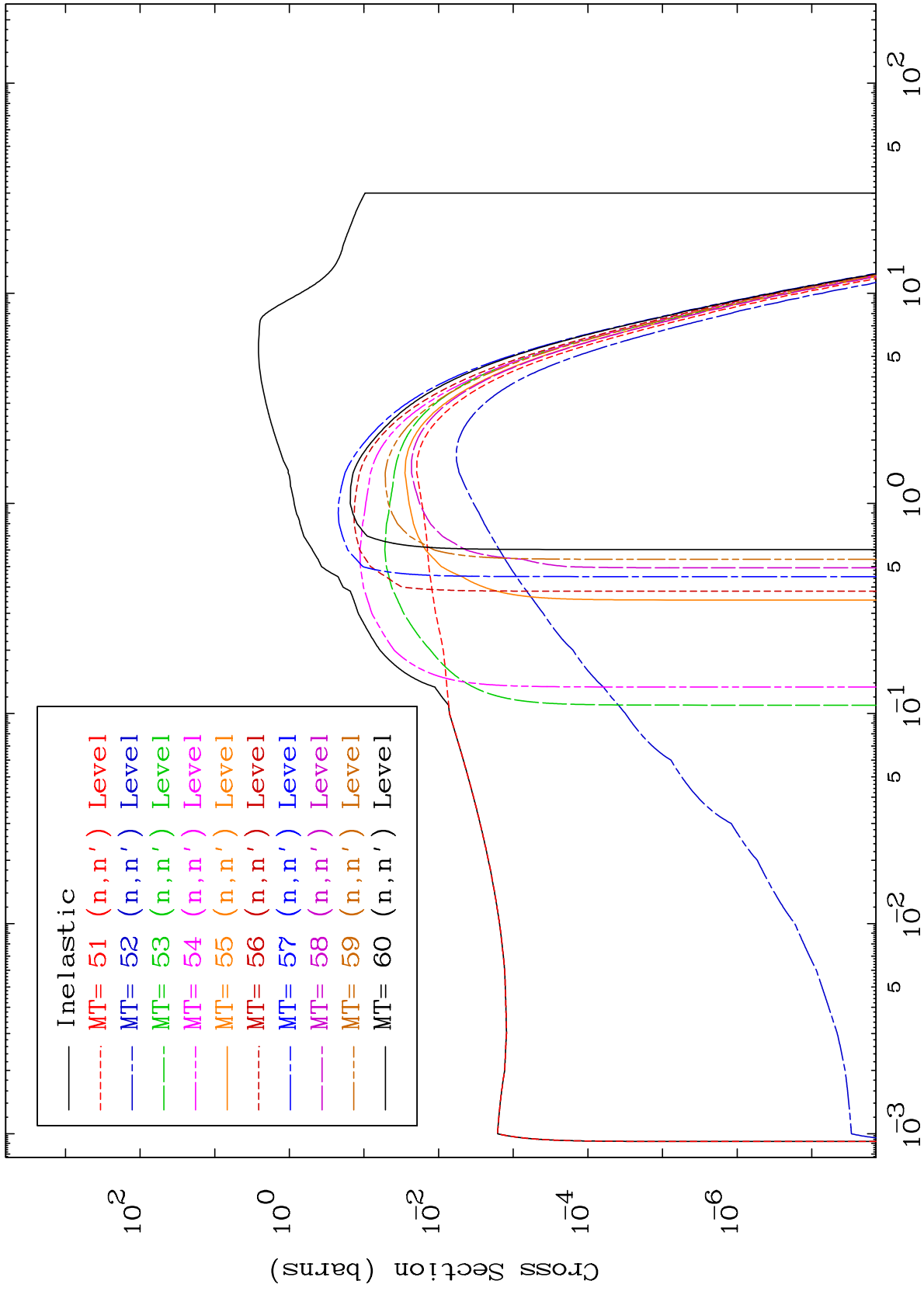


77-Ir-197

MAT 7744

(n,n') Level
293 Kelvin Cross Sections

77-Ir-197



7

Incident Energy (MeV)

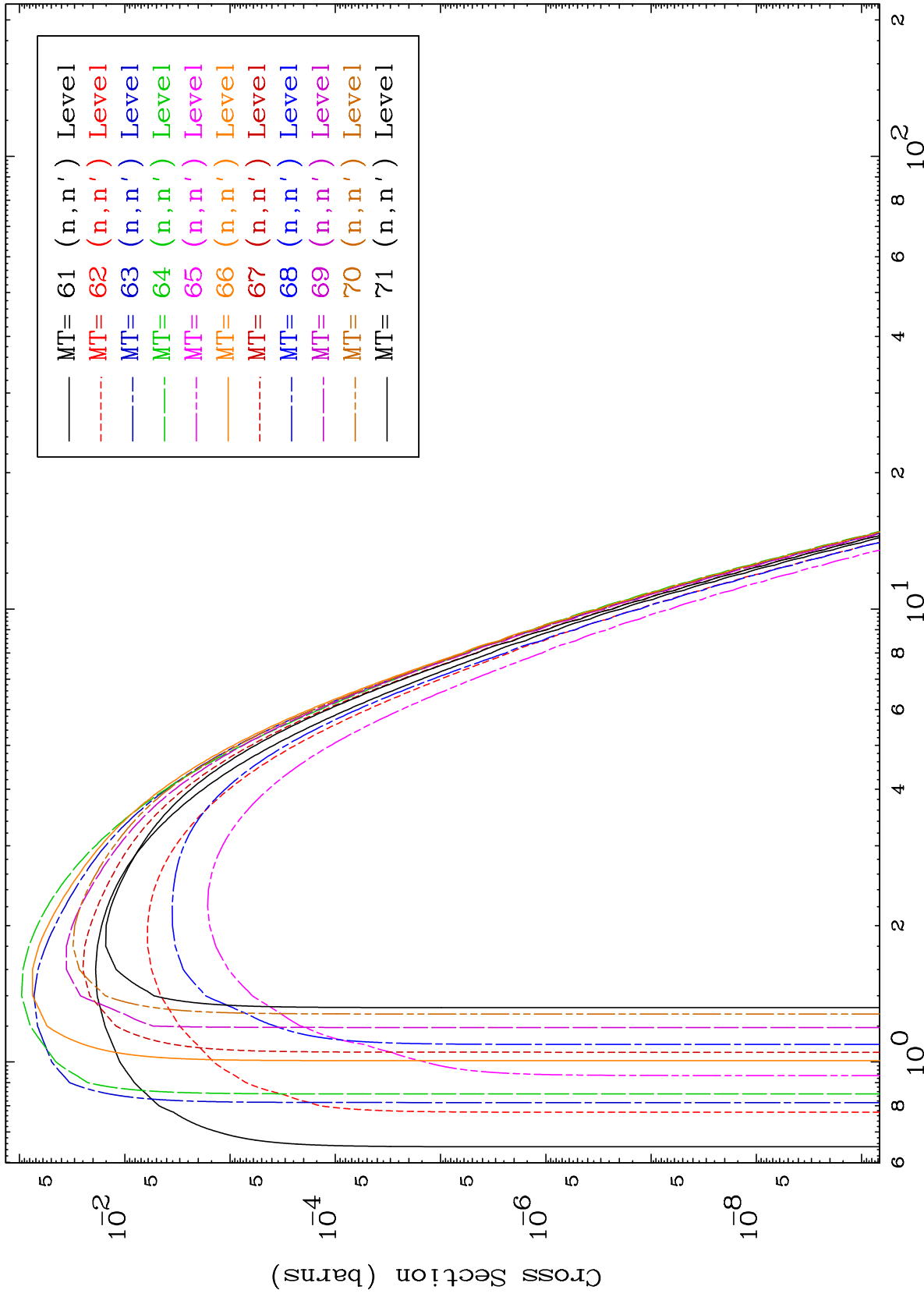
77-Ir-197

MAT 7744

(n,n') Level

77-Ir-197

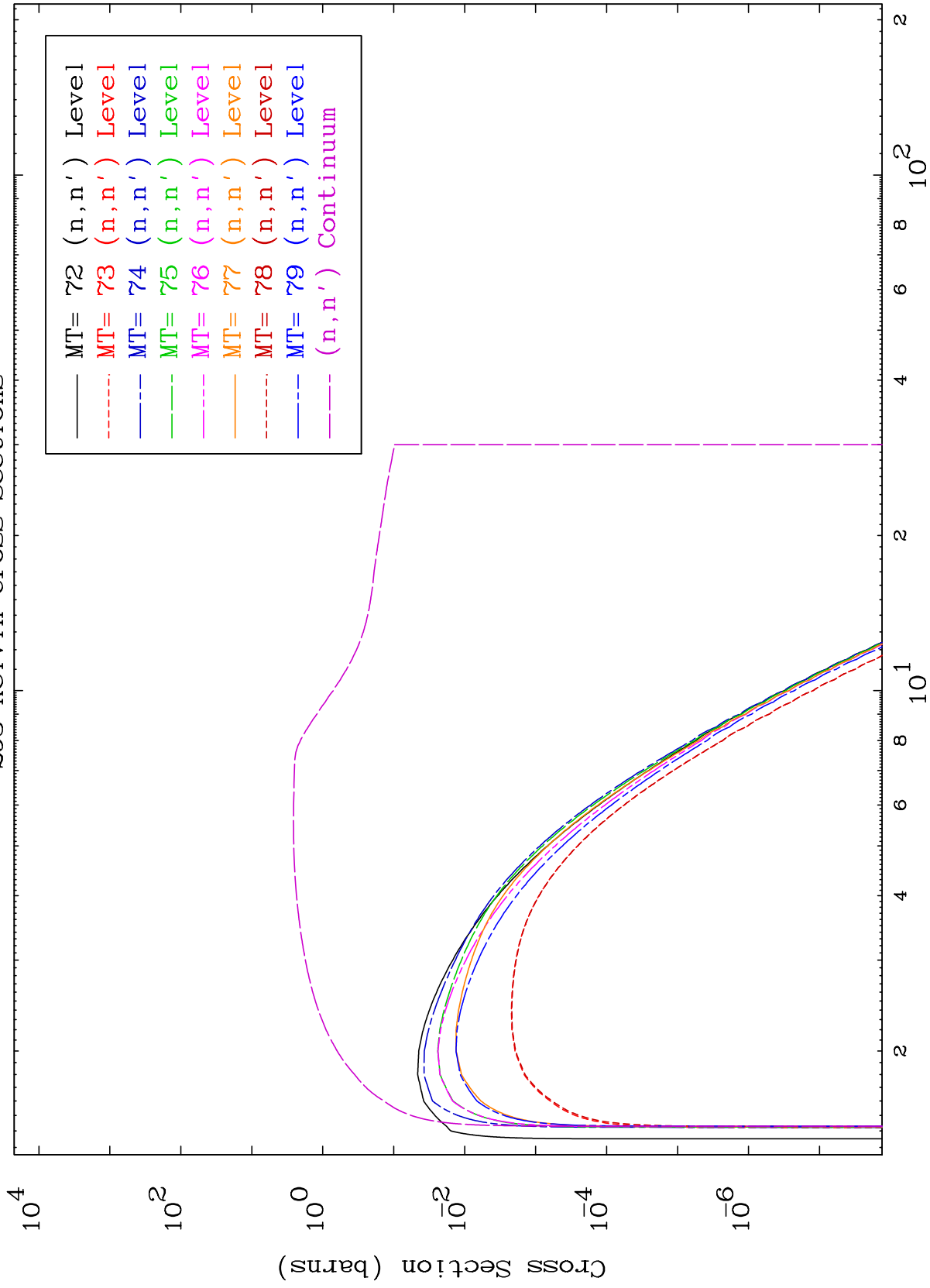
293 Kelvin Cross Sections



8

Incident Energy (MeV)

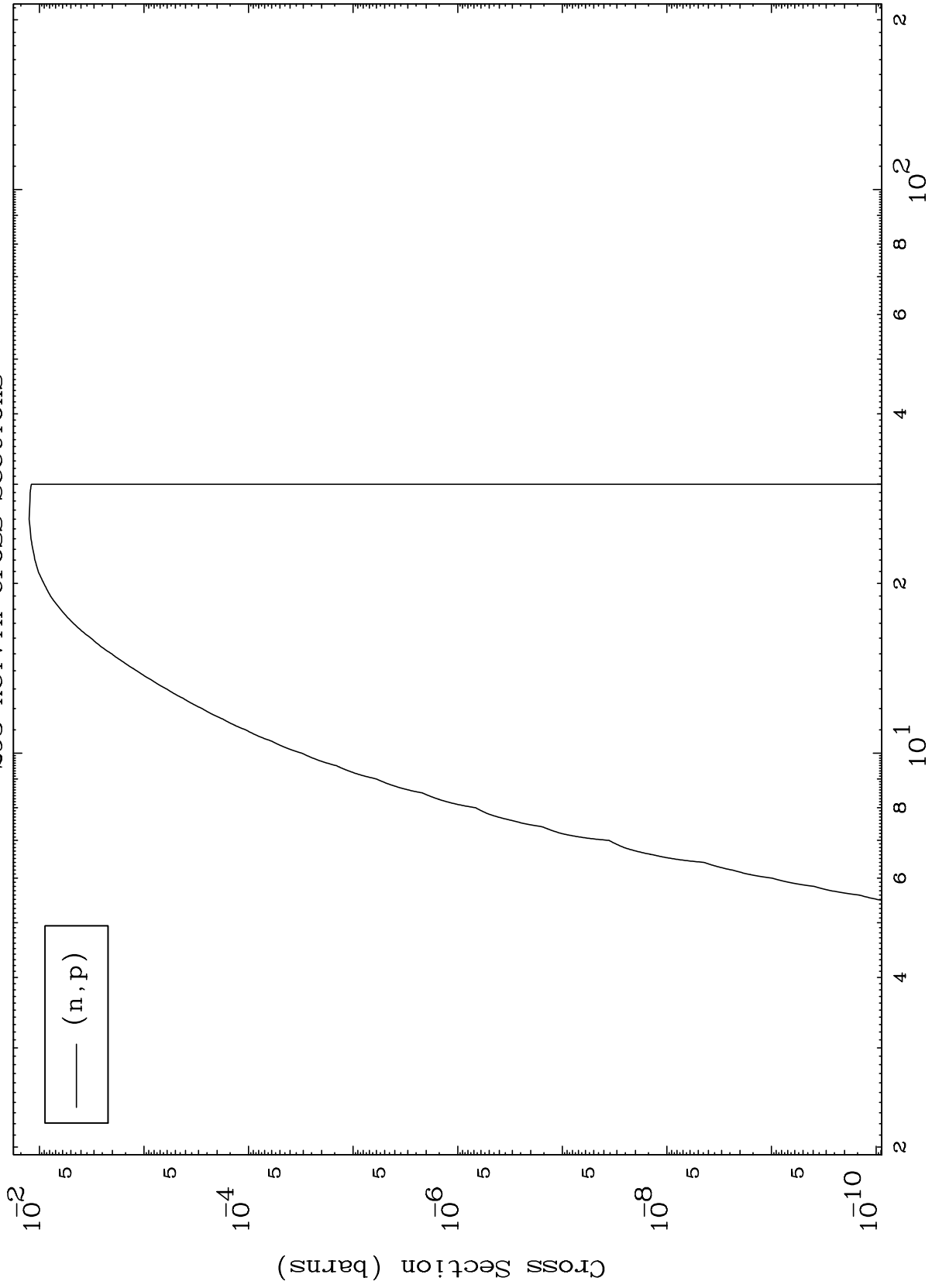
77-Ir-197



MAT 7744

(n,p) Levels
293 Kelvin Cross Sections

77-Ir-197



10

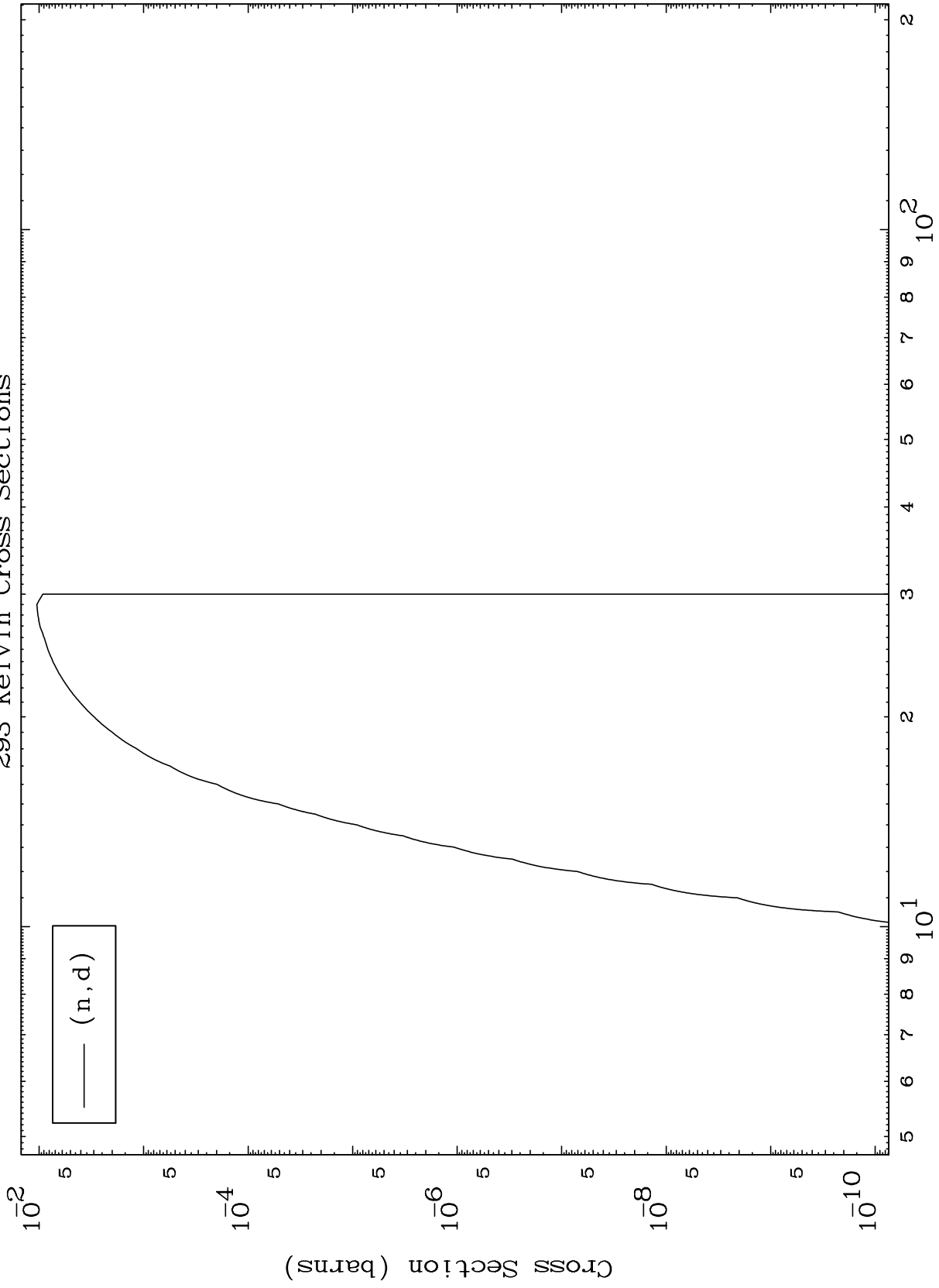
Incident Energy (MeV)

77-Ir-197

MAT 7744

(n,d) Levels
293 Kelvin Cross Sections

77-Ir-197



11

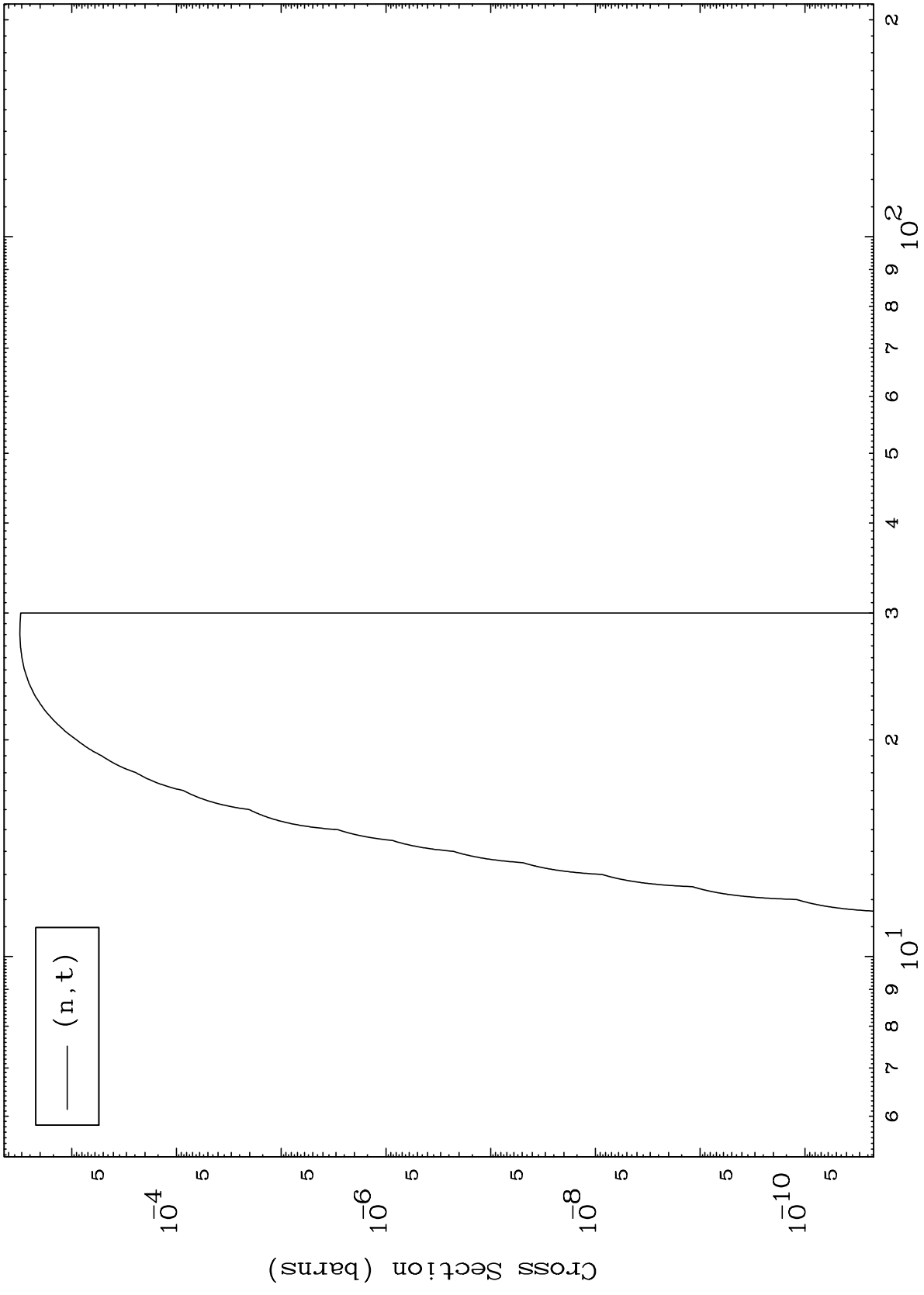
Incident Energy (MeV)

77-Ir-197

MAT 7744

(n,t) Levels
293 Kelvin Cross Sections

77-Ir-197



12

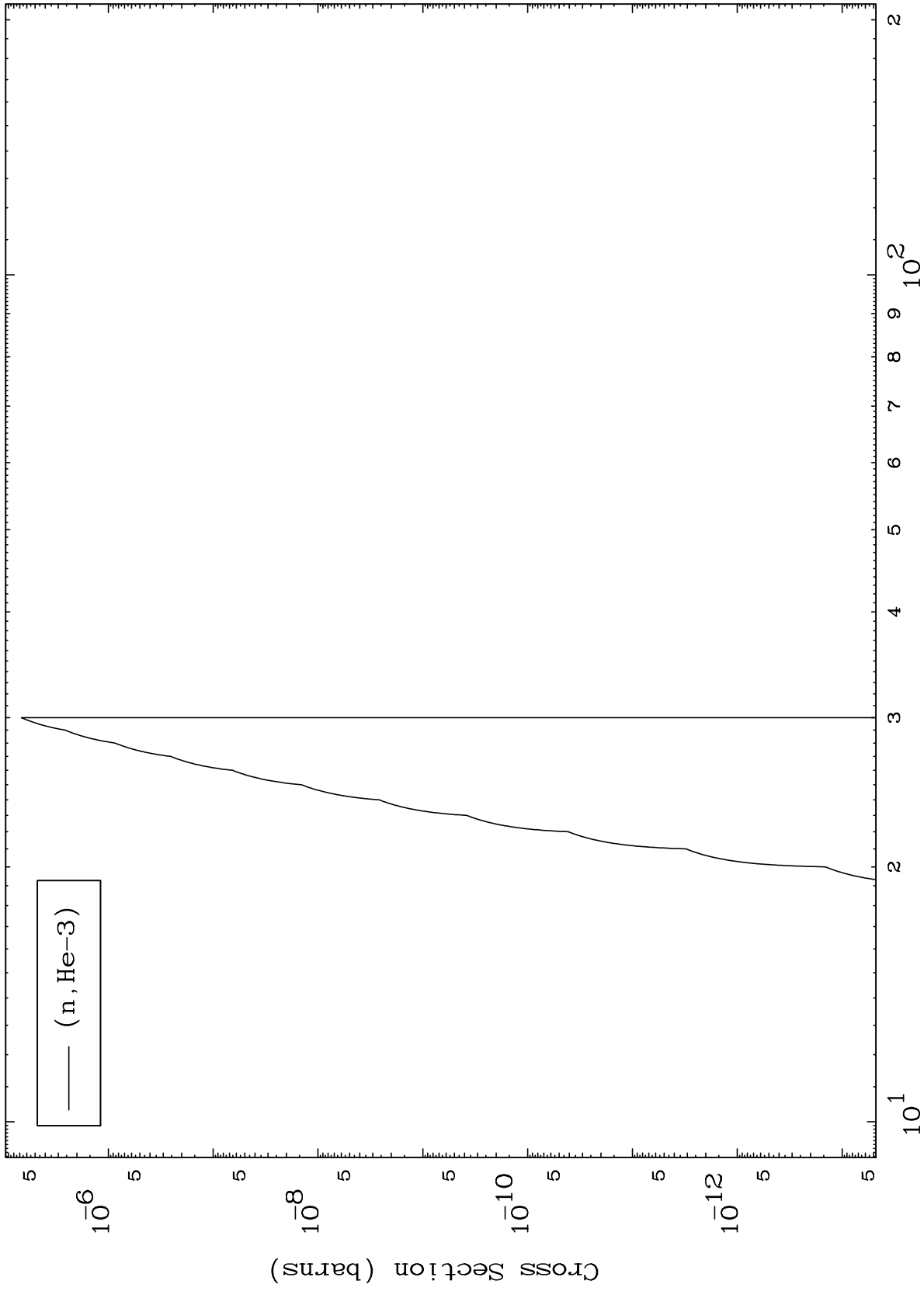
Incident Energy (MeV)

77-Ir-197

MAT 7744

(n,He3) Levels
293 Kelvin Cross Sections

77-Ir-197



13

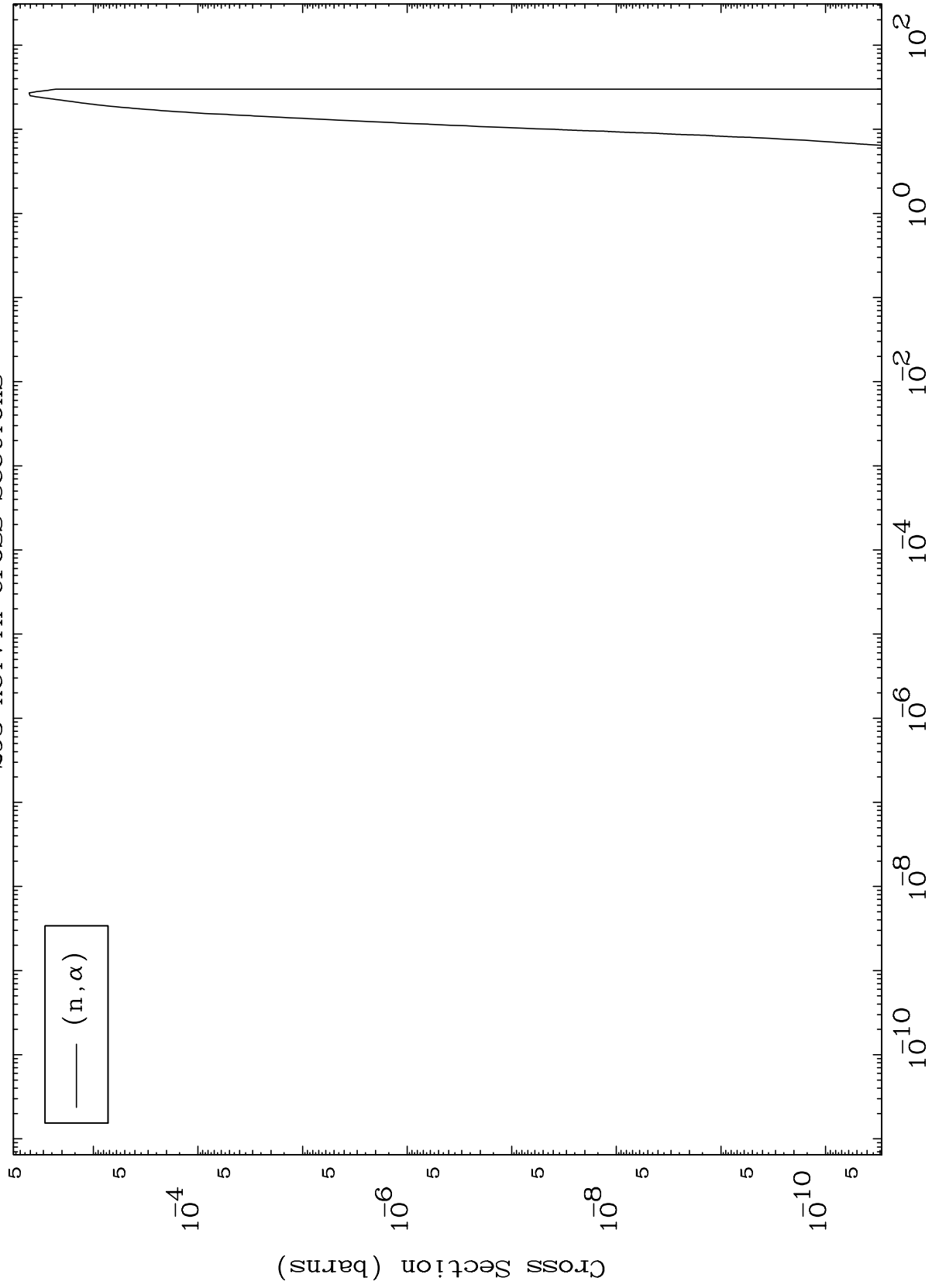
Incident Energy (MeV)

77-Ir-197

MAT 7744

(n,α) Levels
293 Kelvin Cross Sections

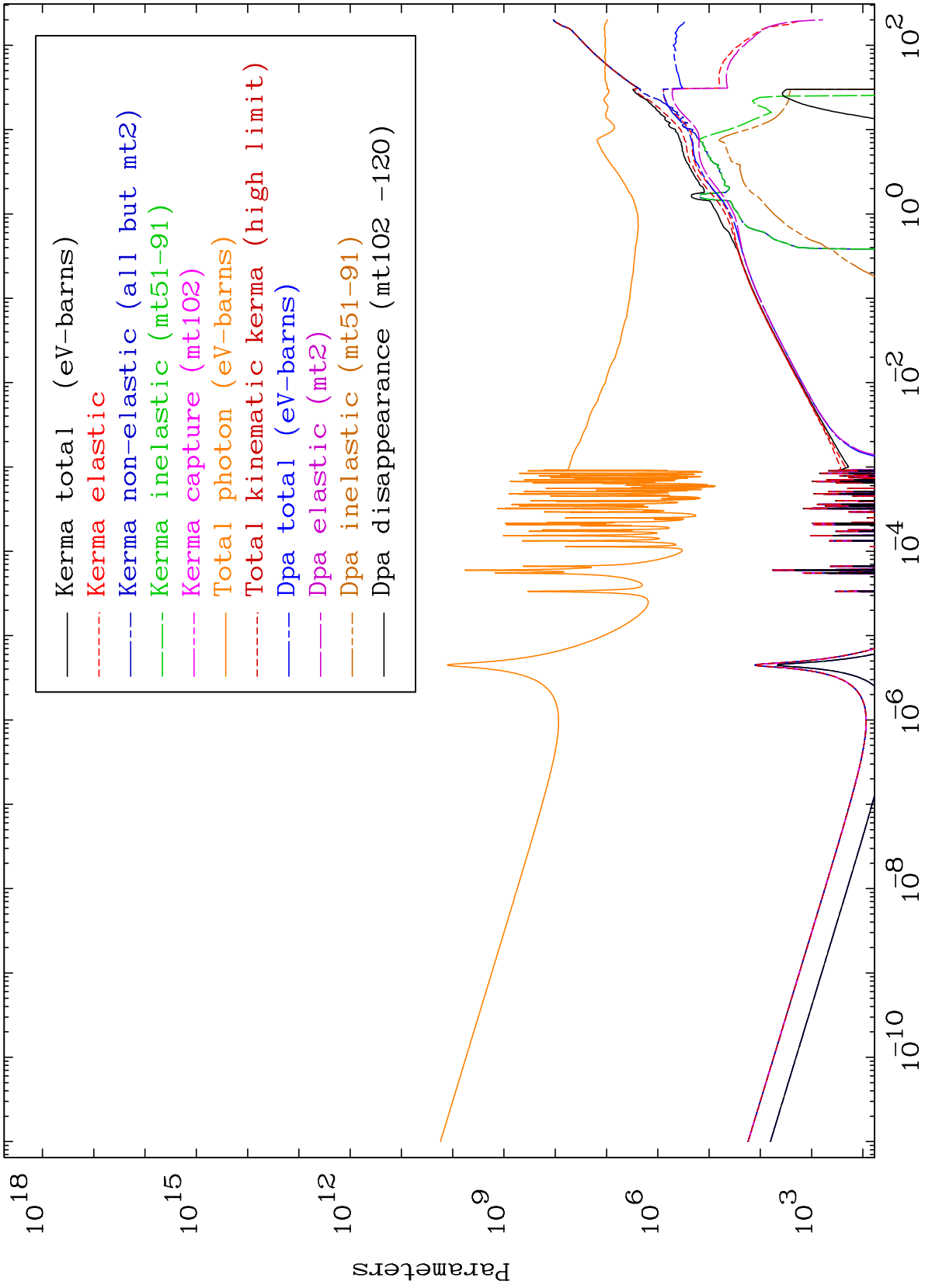
77-Ir-197



14

Incident Energy (MeV)

77-Ir-197



MAT 7744

Elastic Legendre Coefficients

77-Ir-197



16

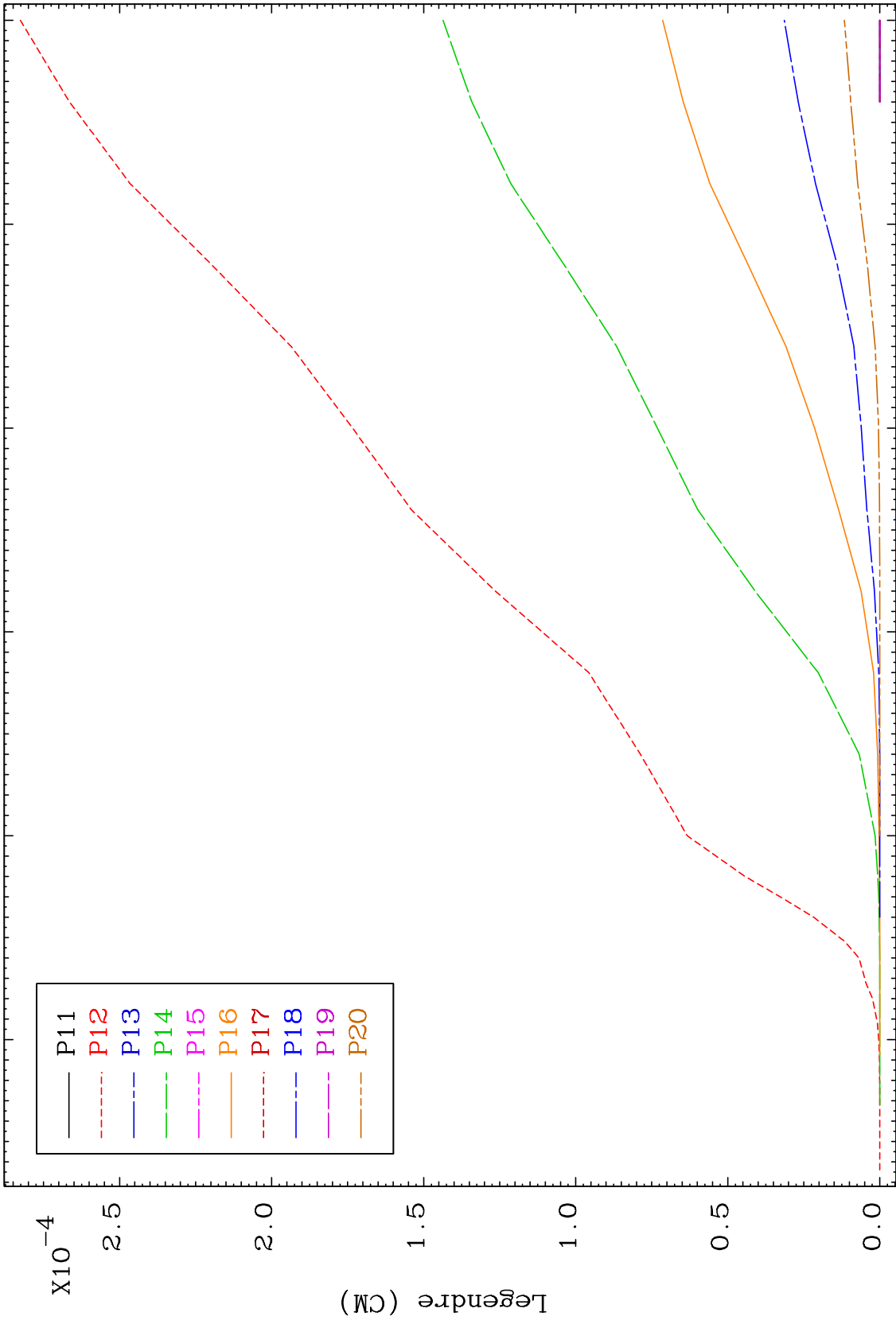
Incident Energy (MeV)

77-Ir-197

MAT 7744

Elastic Legendre Coefficients

77-Ir-197



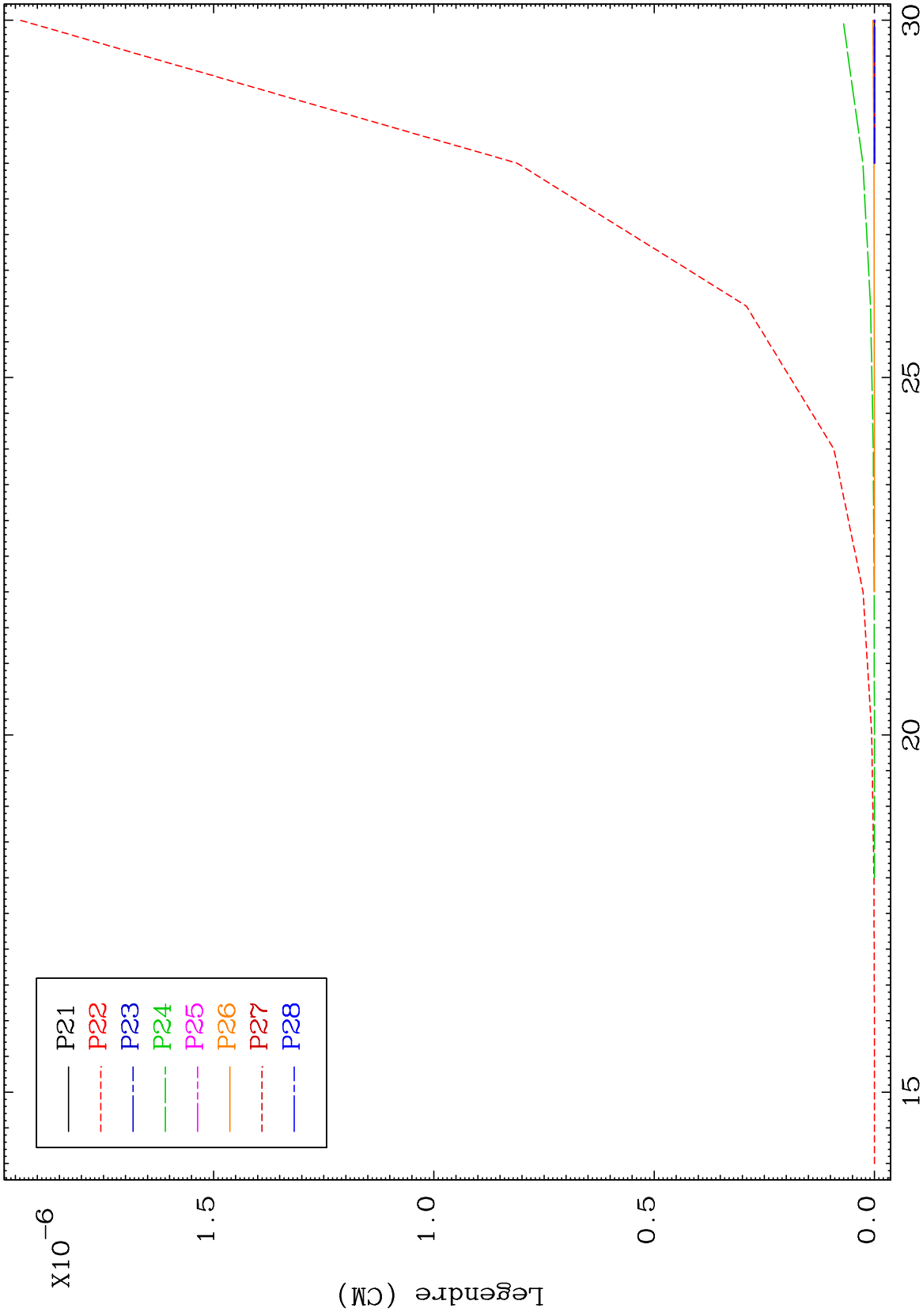
17

77-Ir-197

MAT 7744

Elastic Legendre Coefficients

77-Ir-197



18

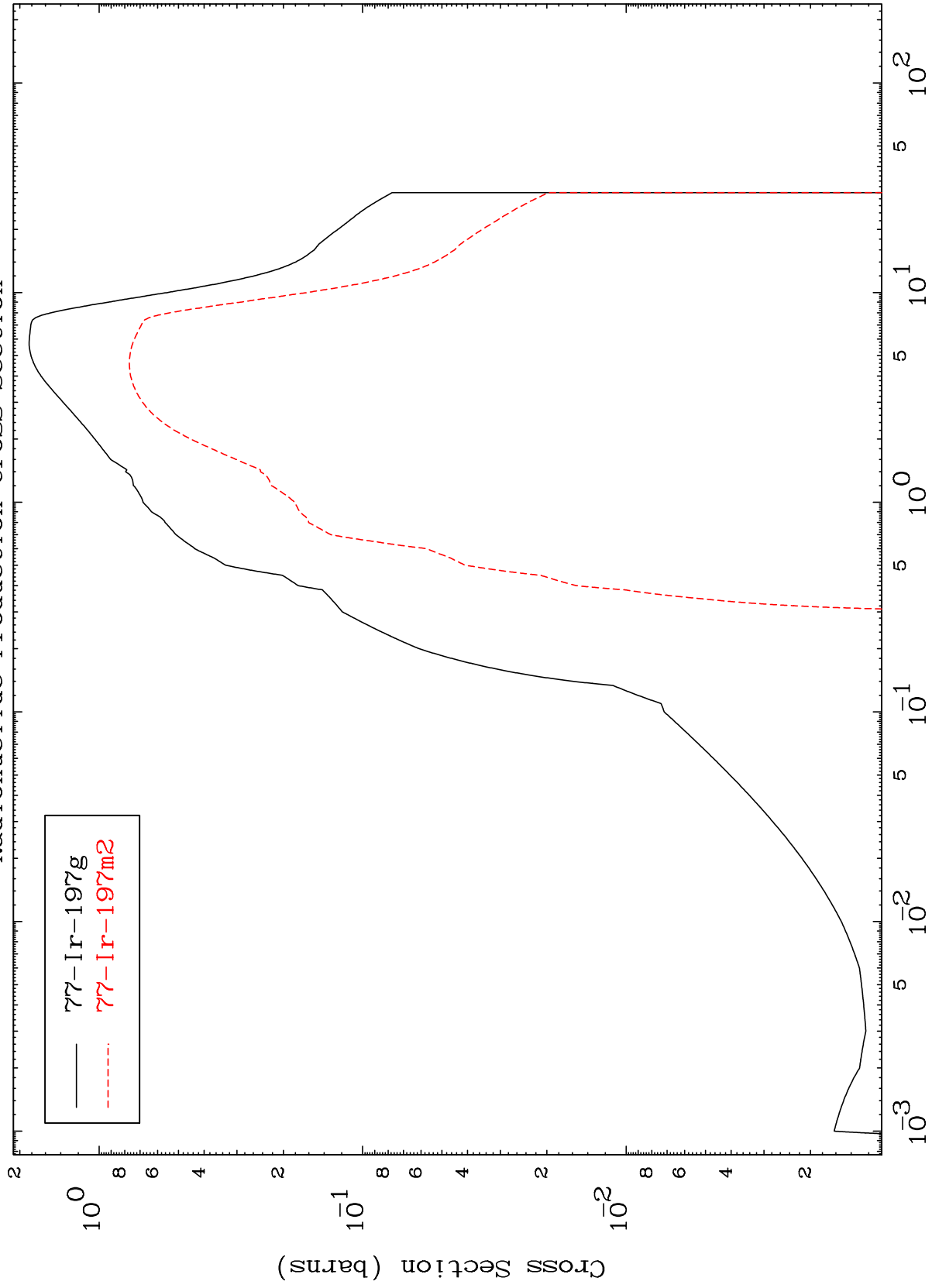
Incident Energy (MeV)

77-Ir-197

MAT 7744

Inelastic
Radionuclide Production Cross Section

77-Ir-197



19

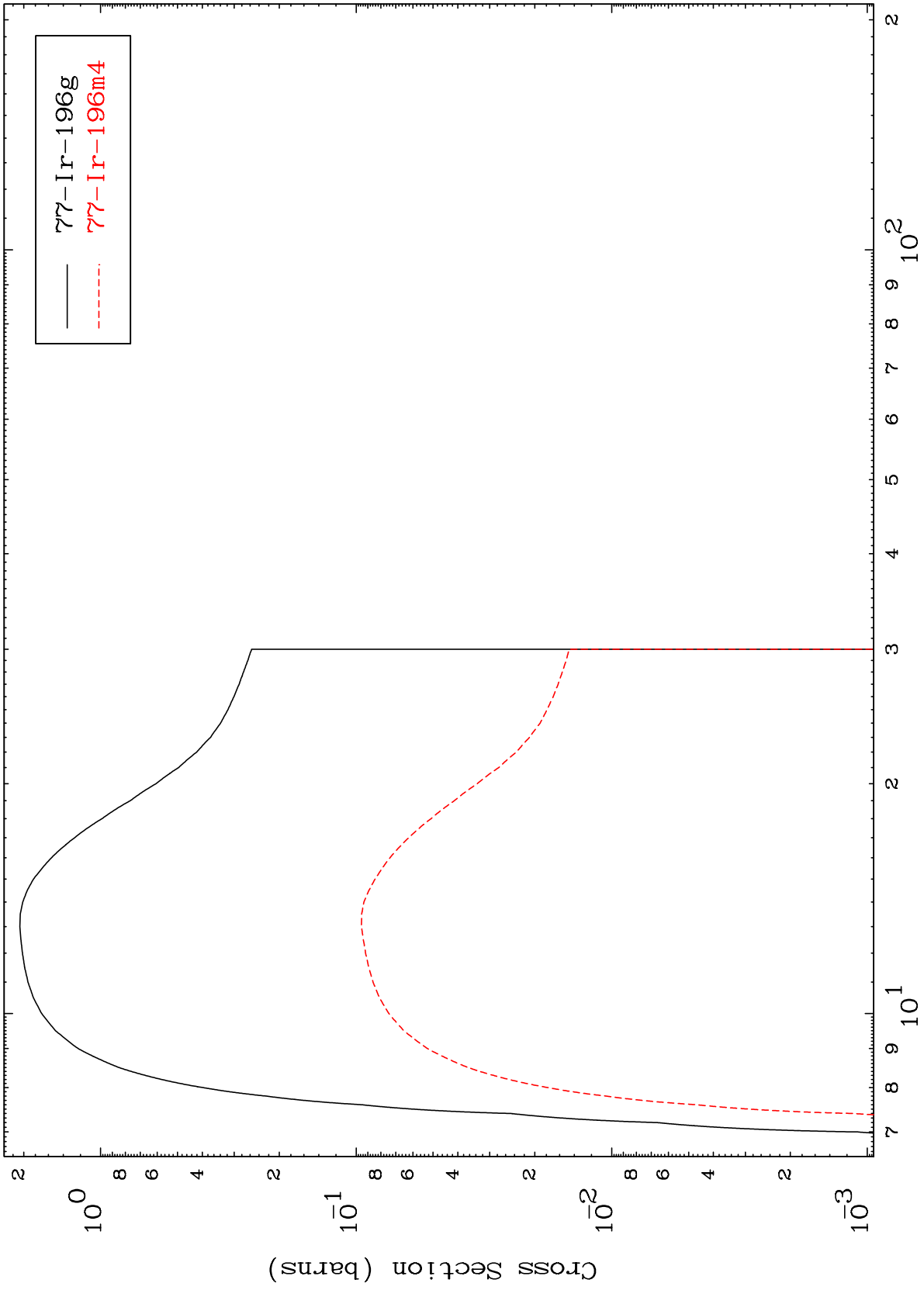
Incident Energy (MeV)

77-Ir-197

MAT 7744

77-Ir-197

(n,2n)
Radionuclide Production Cross Section



20

Incident Energy (MeV)

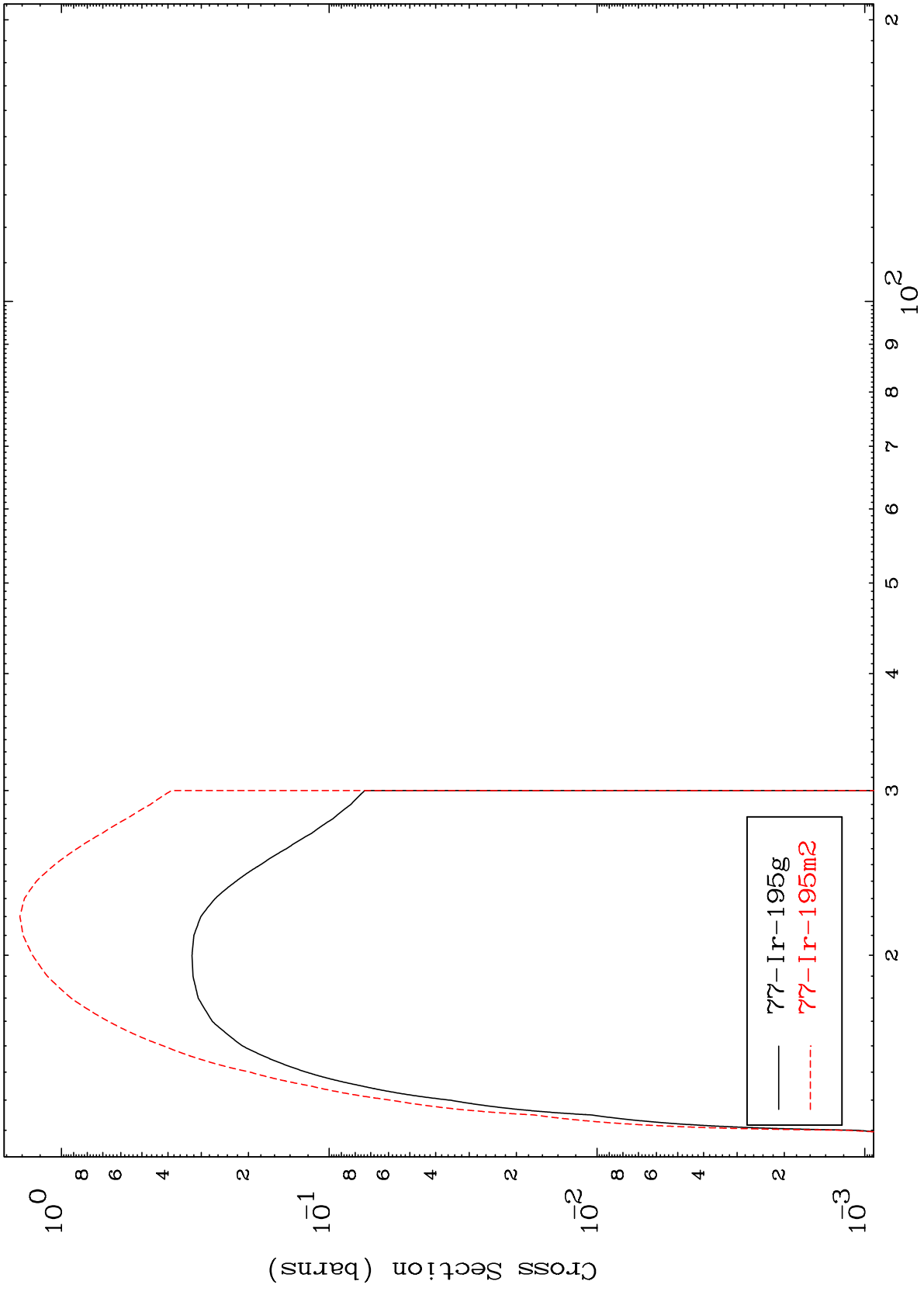
77-Ir-197

MAT 7744

(n,3n)

77-Ir-197

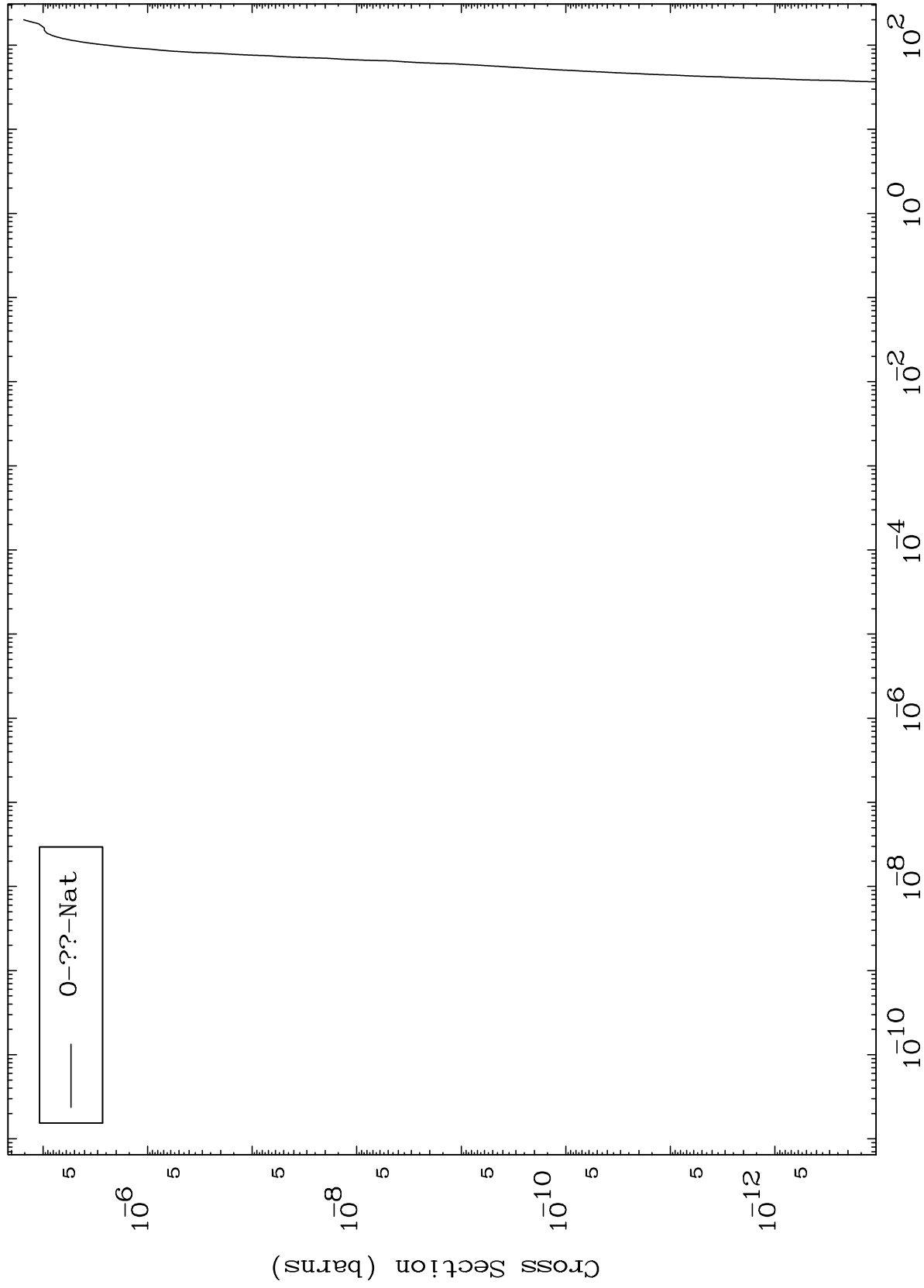
Radionuclide Production Cross Section



MAT 7744

Fission
Radionuclide Production Cross Section

77-Ir-197



22

Incident Energy (MeV)

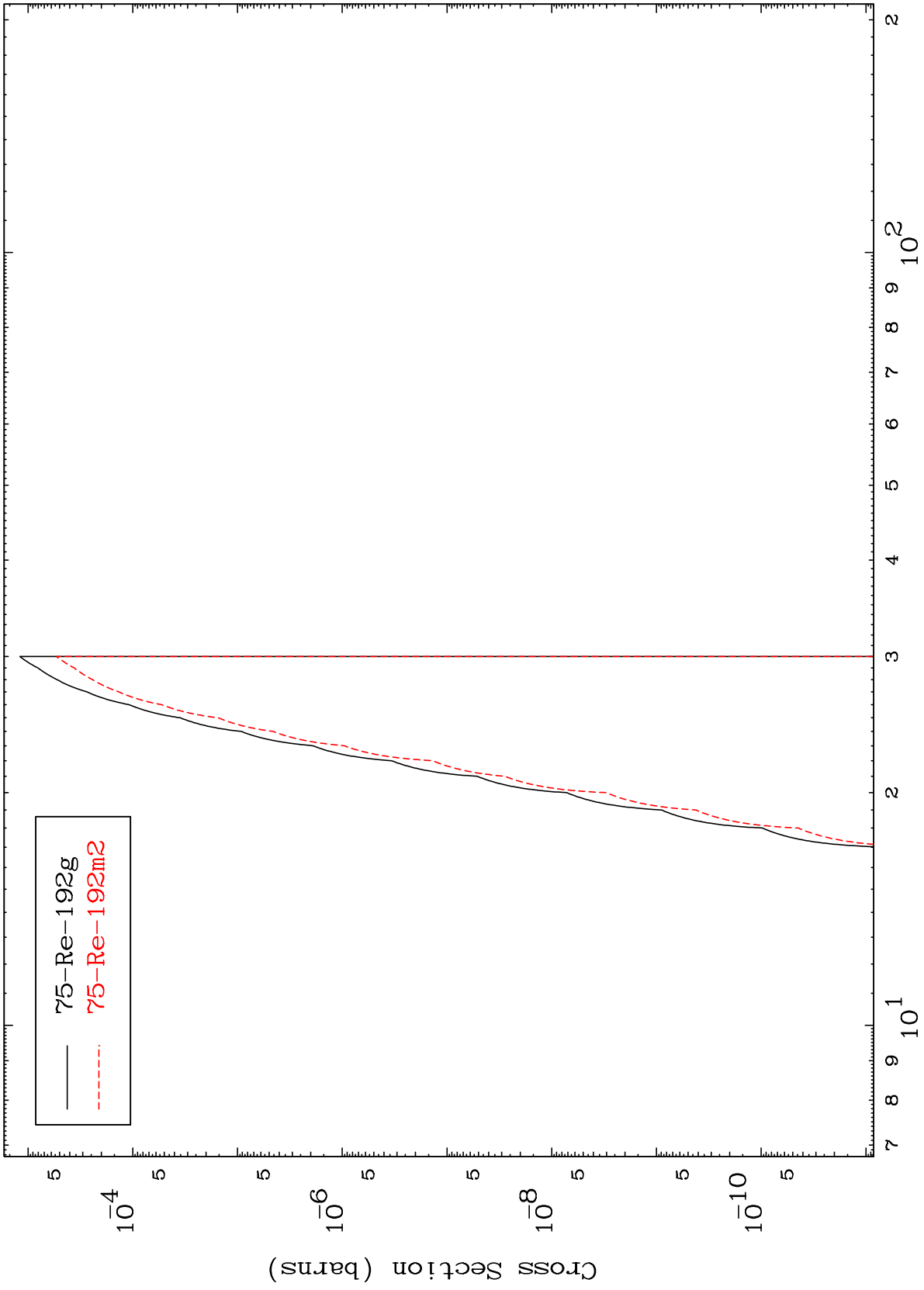
77-Ir-197

MAT 7744

(n,2n) α

77-Ir-197

Radionuclide Production Cross Section



23

Incident Energy (MeV)

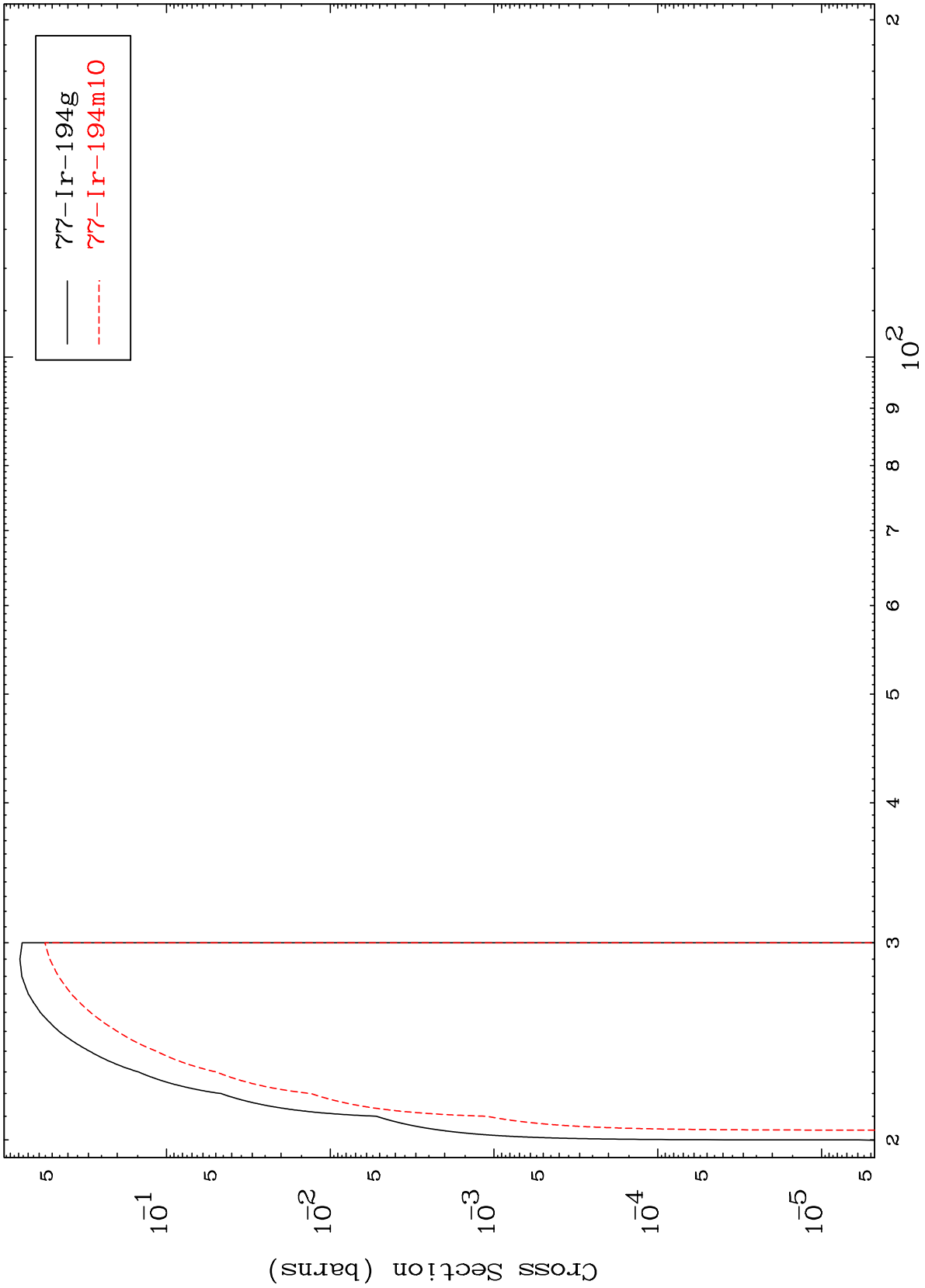
77-Ir-197

MAT 7744

(n,4n)

77-Ir-197

Radionuclide Production Cross Section



24

Incident Energy (MeV)

77-Ir-197