

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

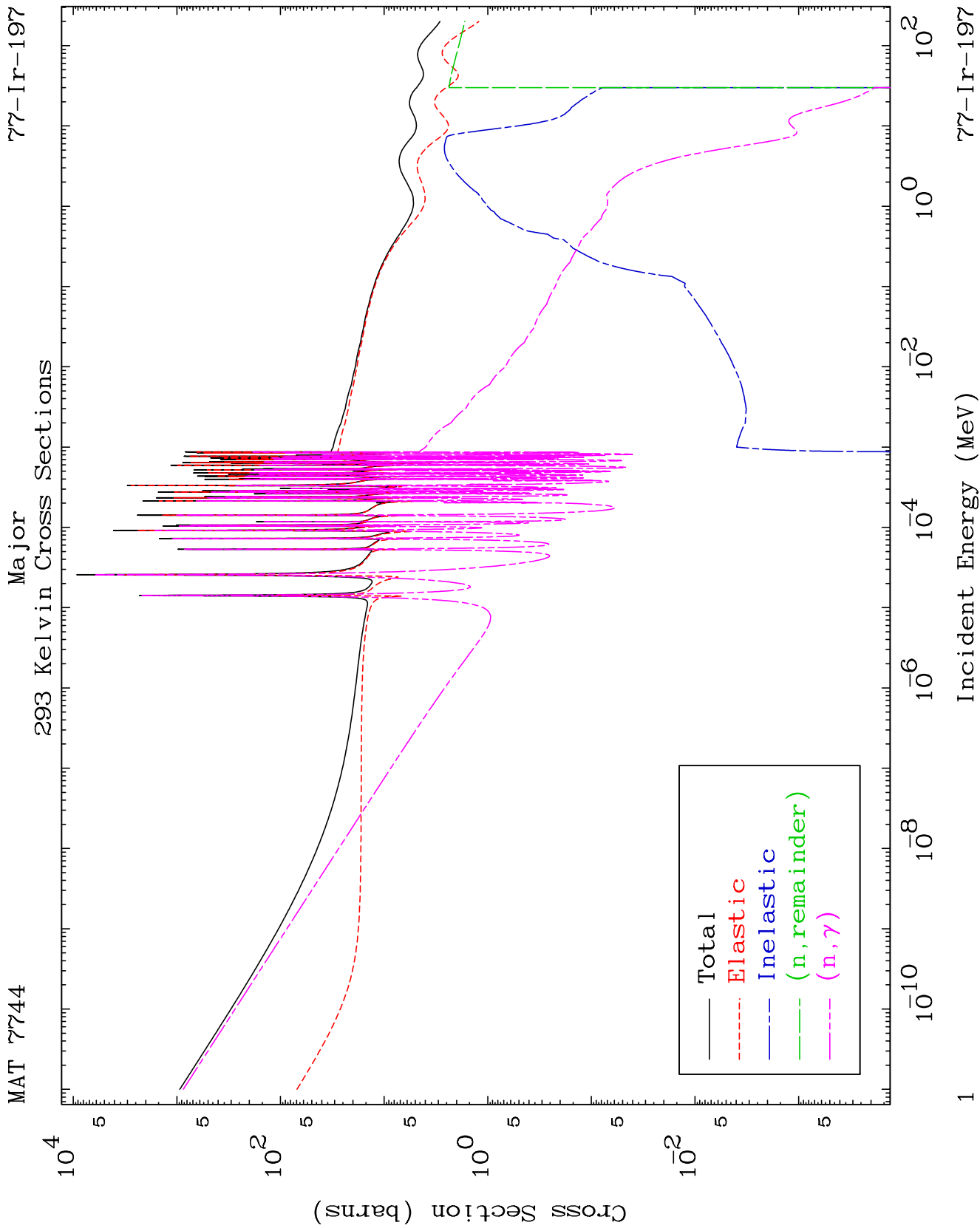
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

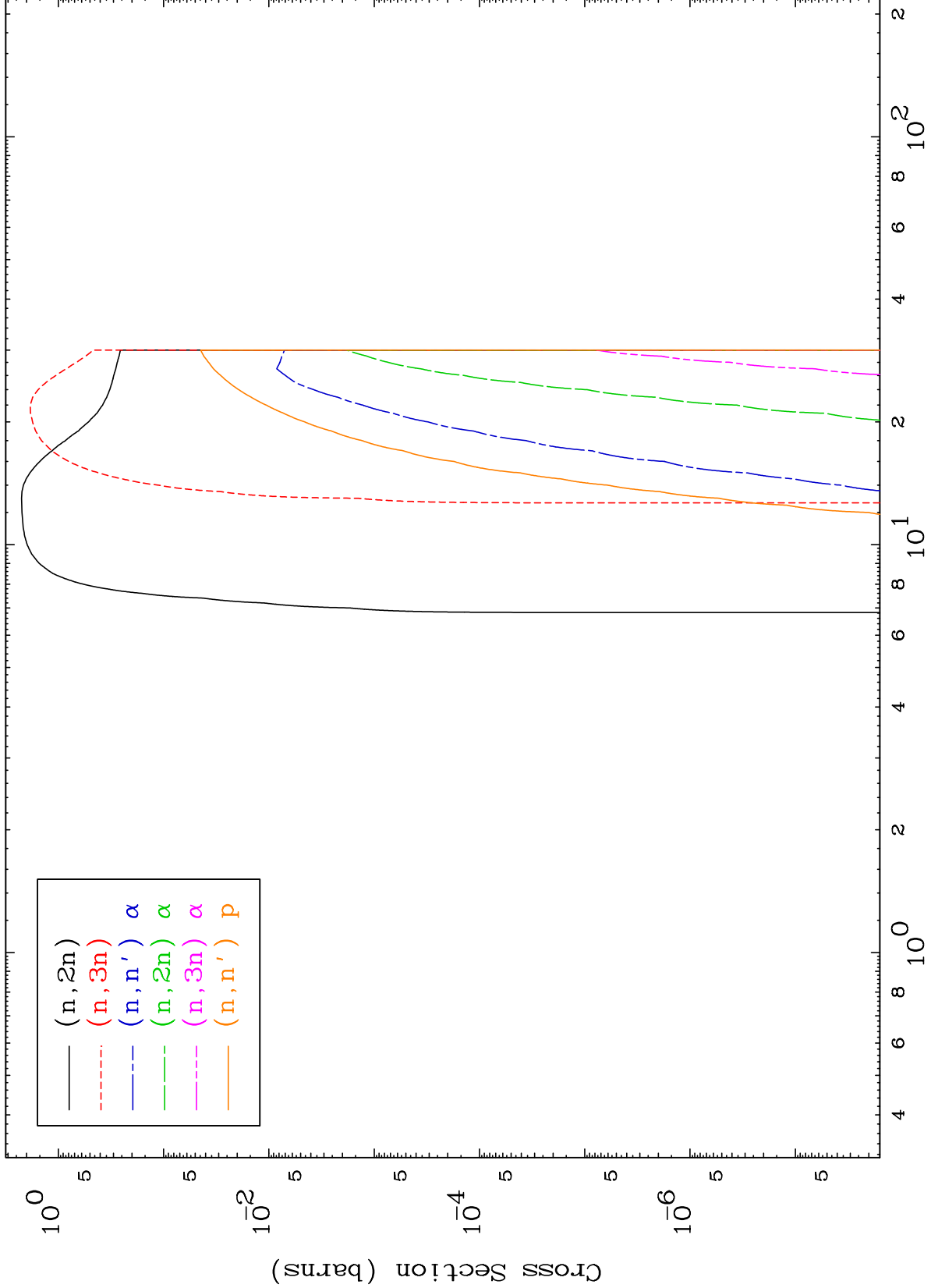
Tele: 925-443-1911

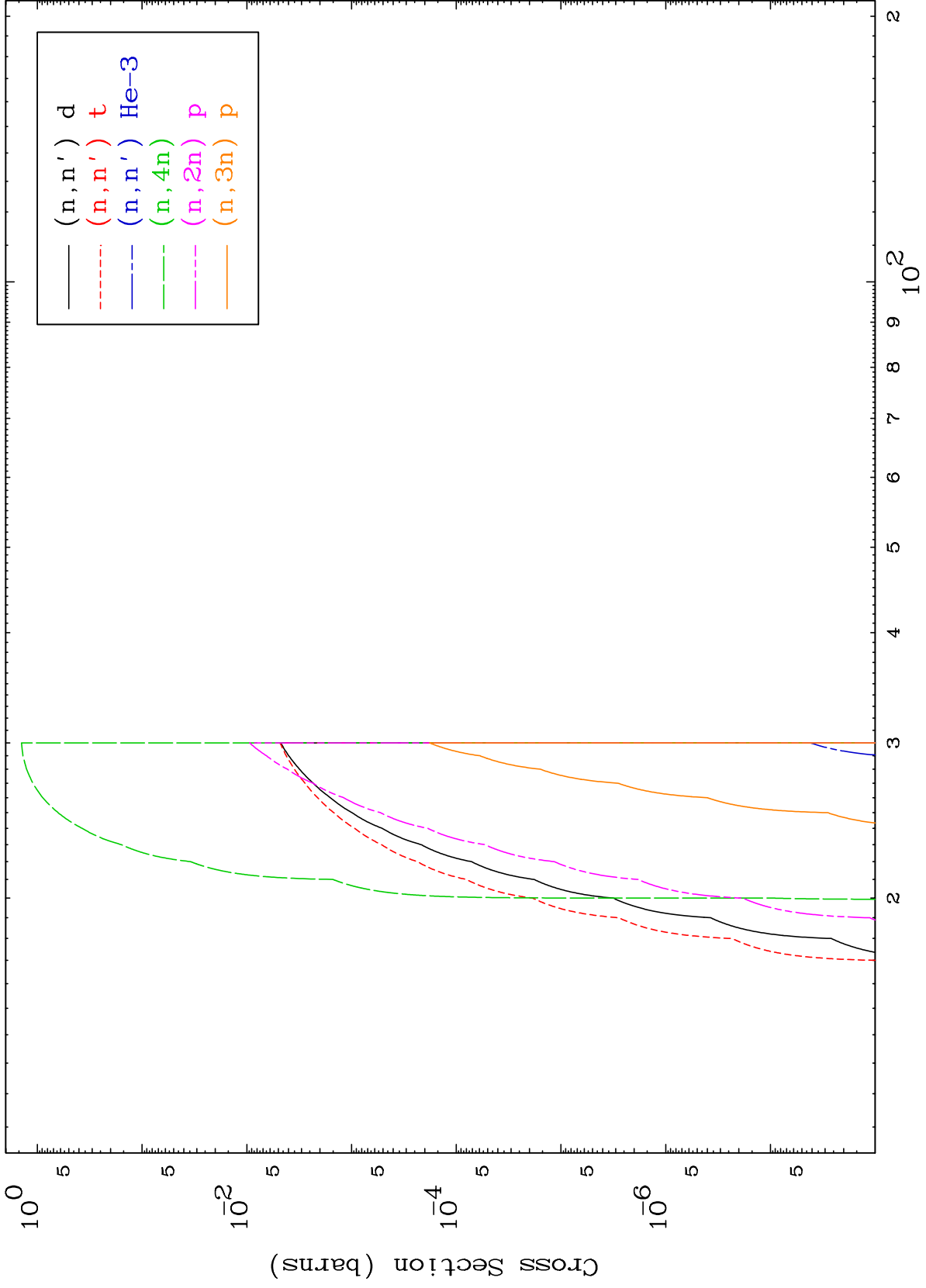
E.Mail: redcullen1@comcast.net

Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start



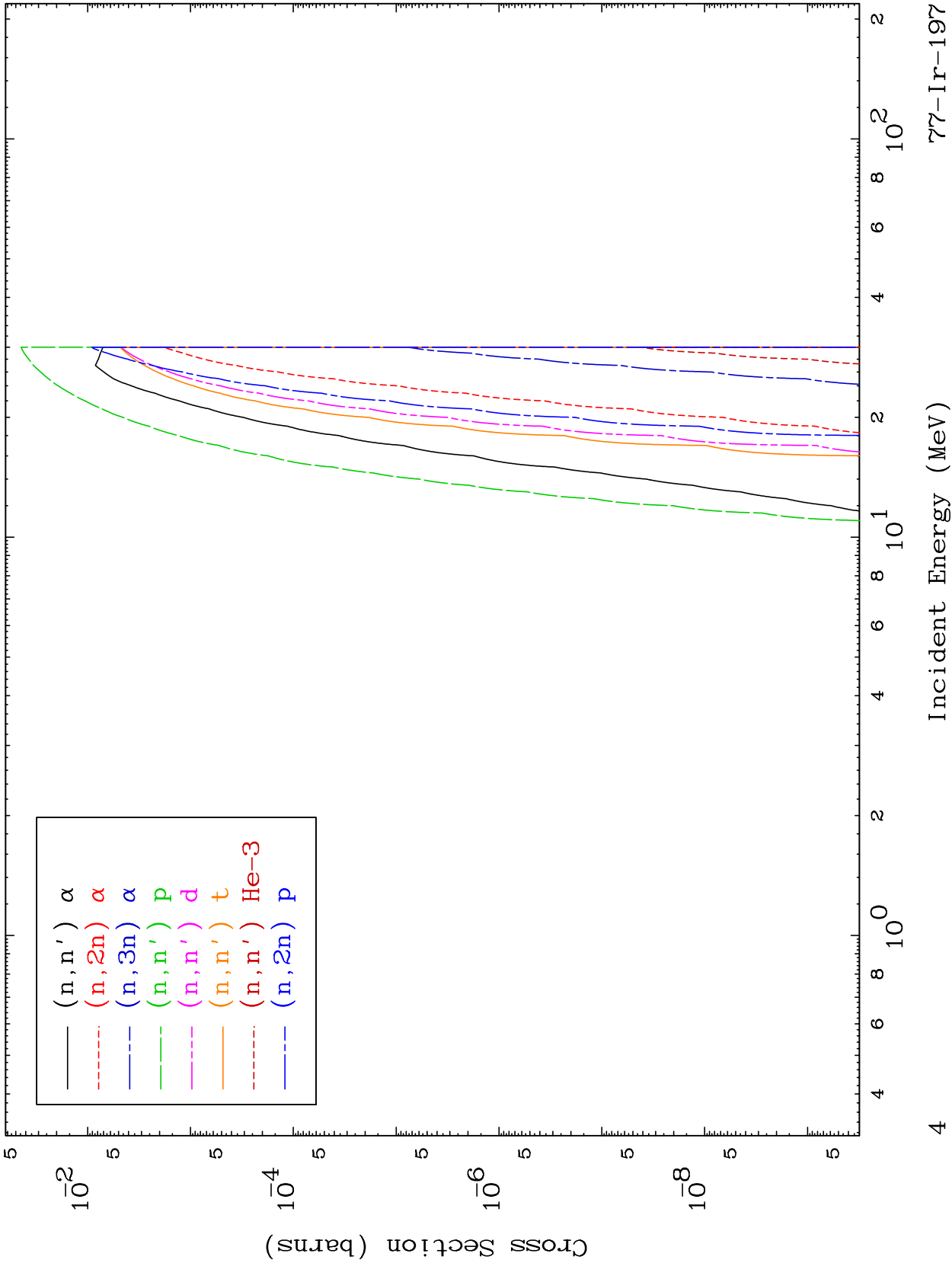




MAT 7744

293 Kelvin Cross Sections
Charged Particle

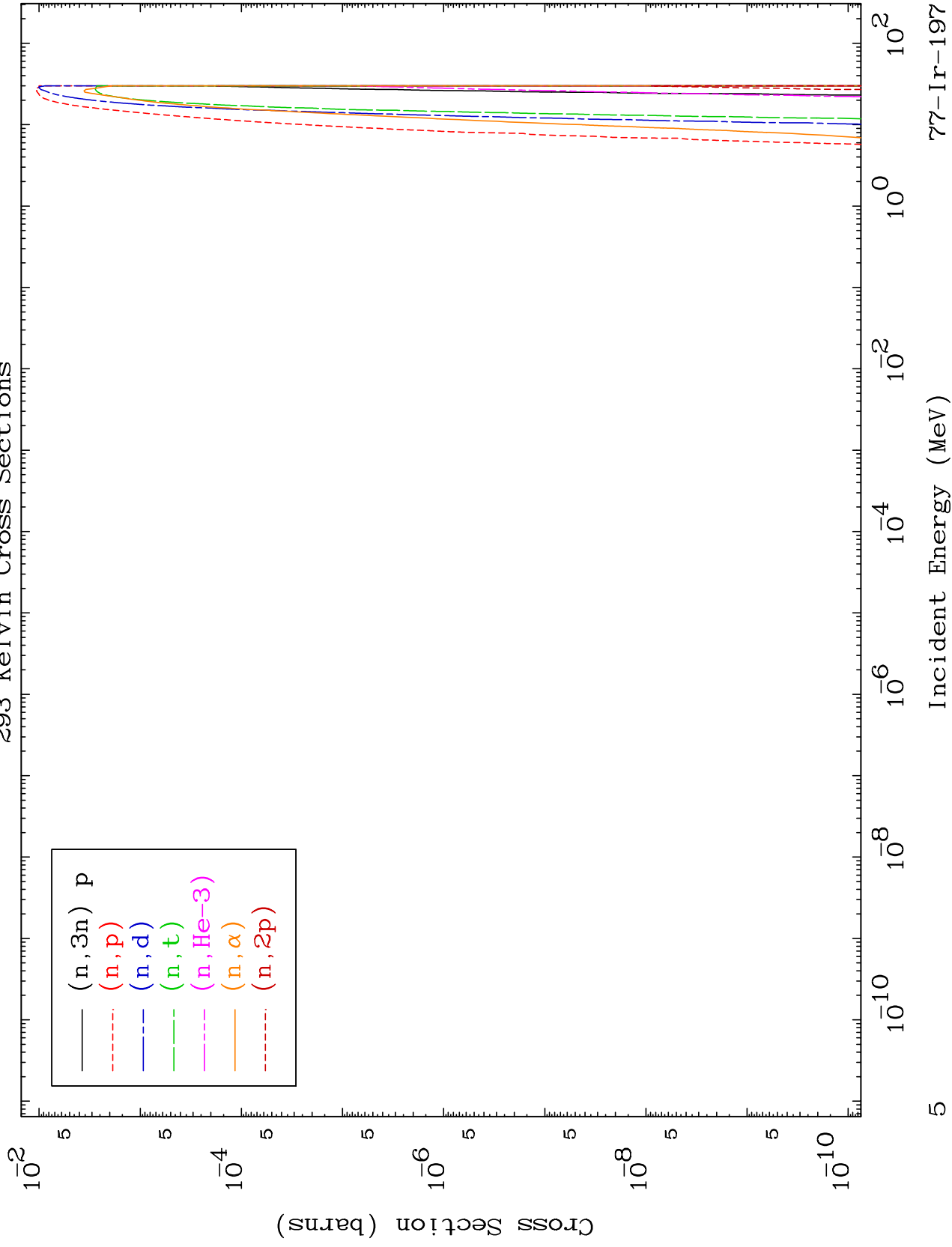
77-Ir-197



MAT 7744

Charged Particle
293 Kelvin Cross Sections

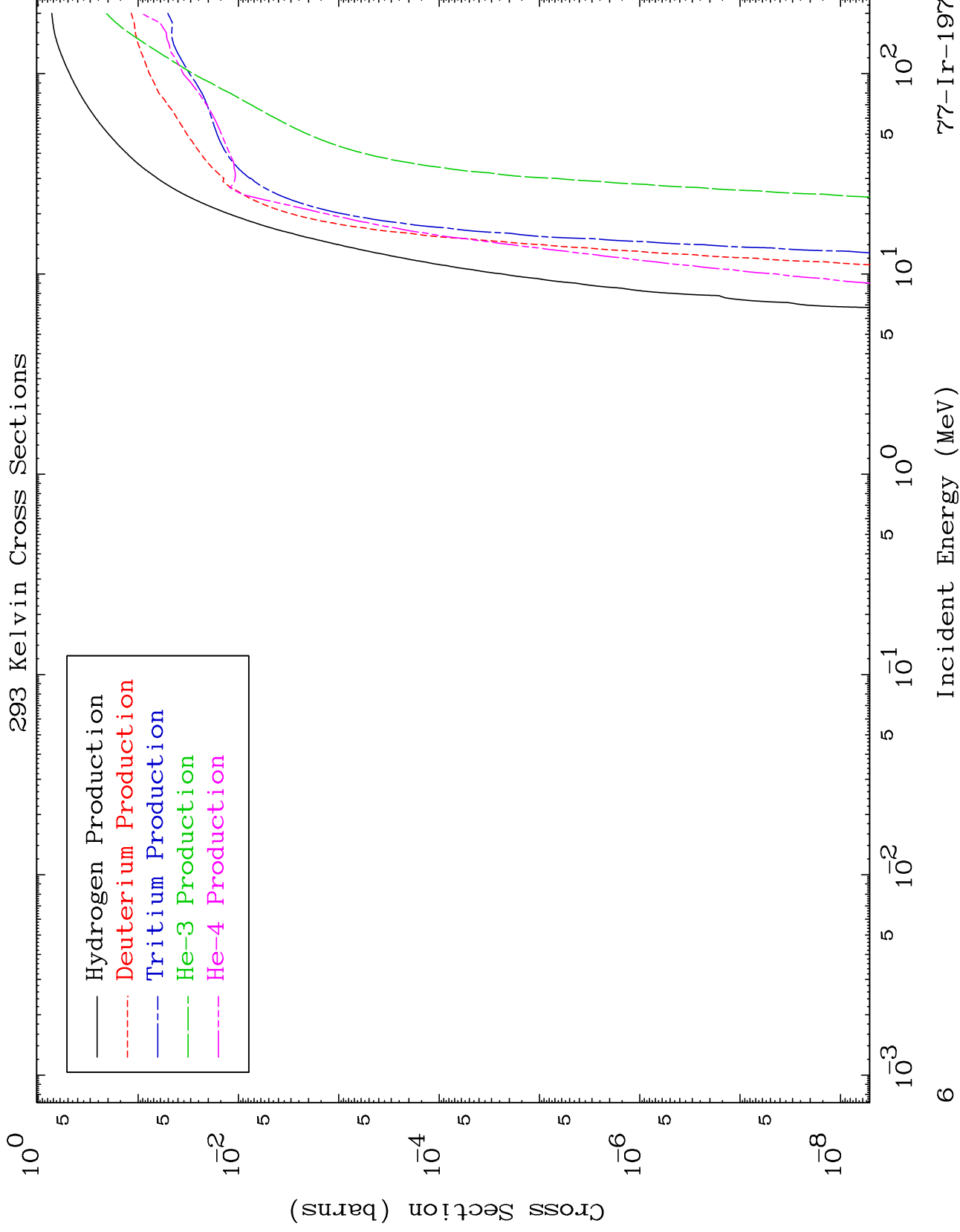
77-Ir-197



MAT 7744

Particle Production
293 Kelvin Cross Sections

77-Ir-197



77-Ir-197

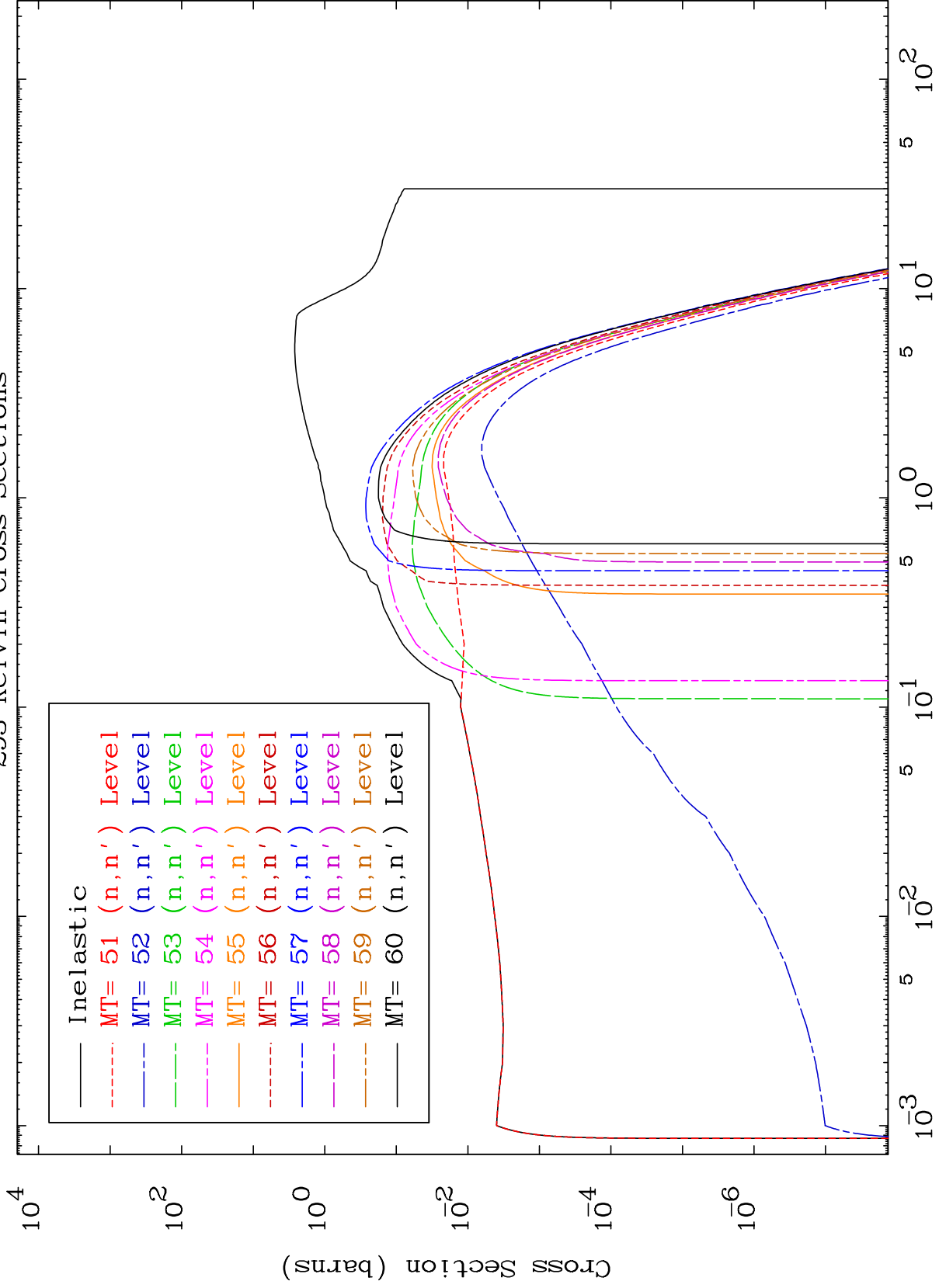
Incident Energy (MeV)

6

MAT 7744

(n,n') Level
293 Kelvin Cross Sections

77-Ir-197



7

Incident Energy (MeV)

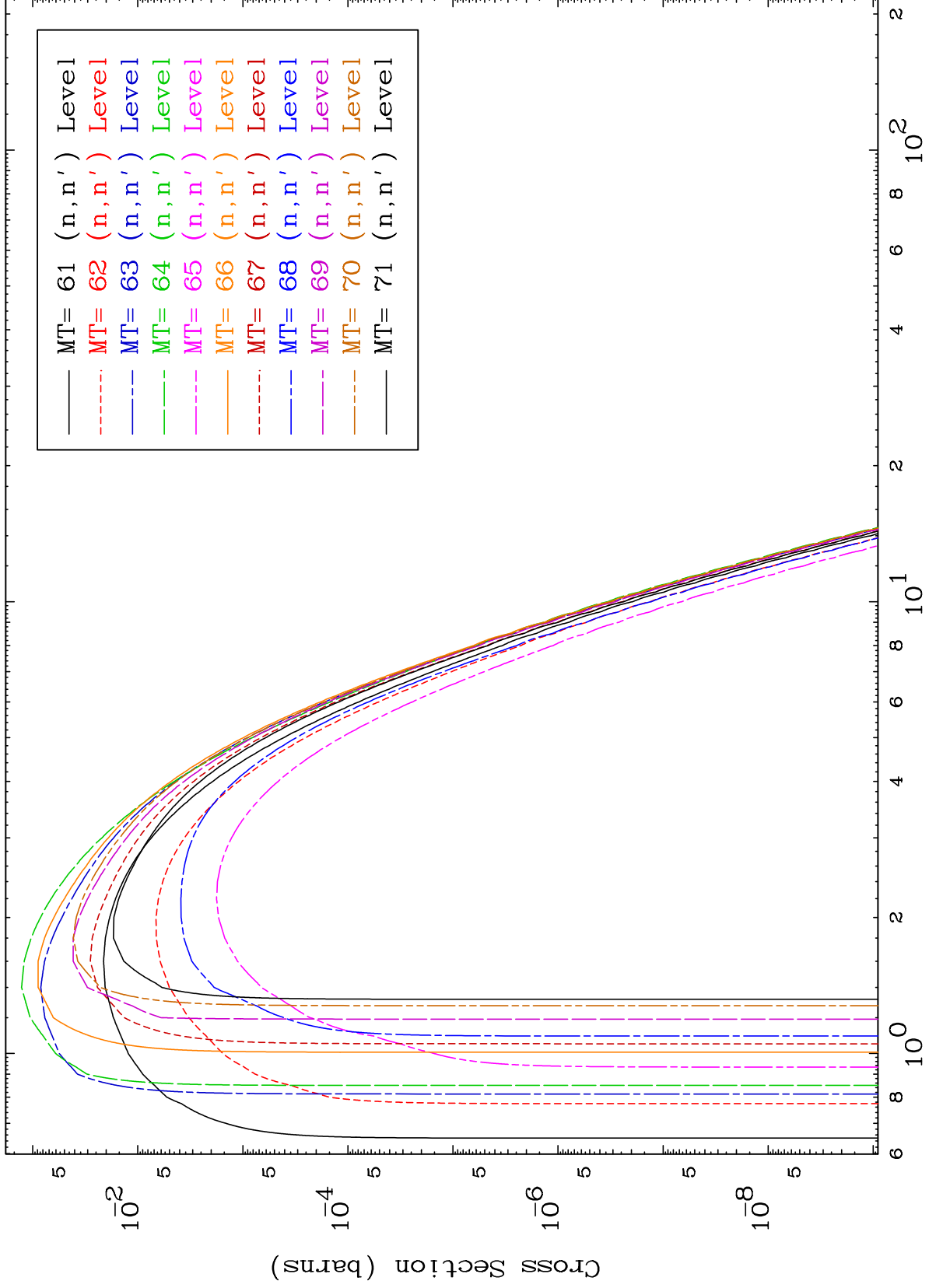
77-Ir-197

MAT 7744

(n,n') Level

77-Ir-197

293 Kelvin Cross Sections

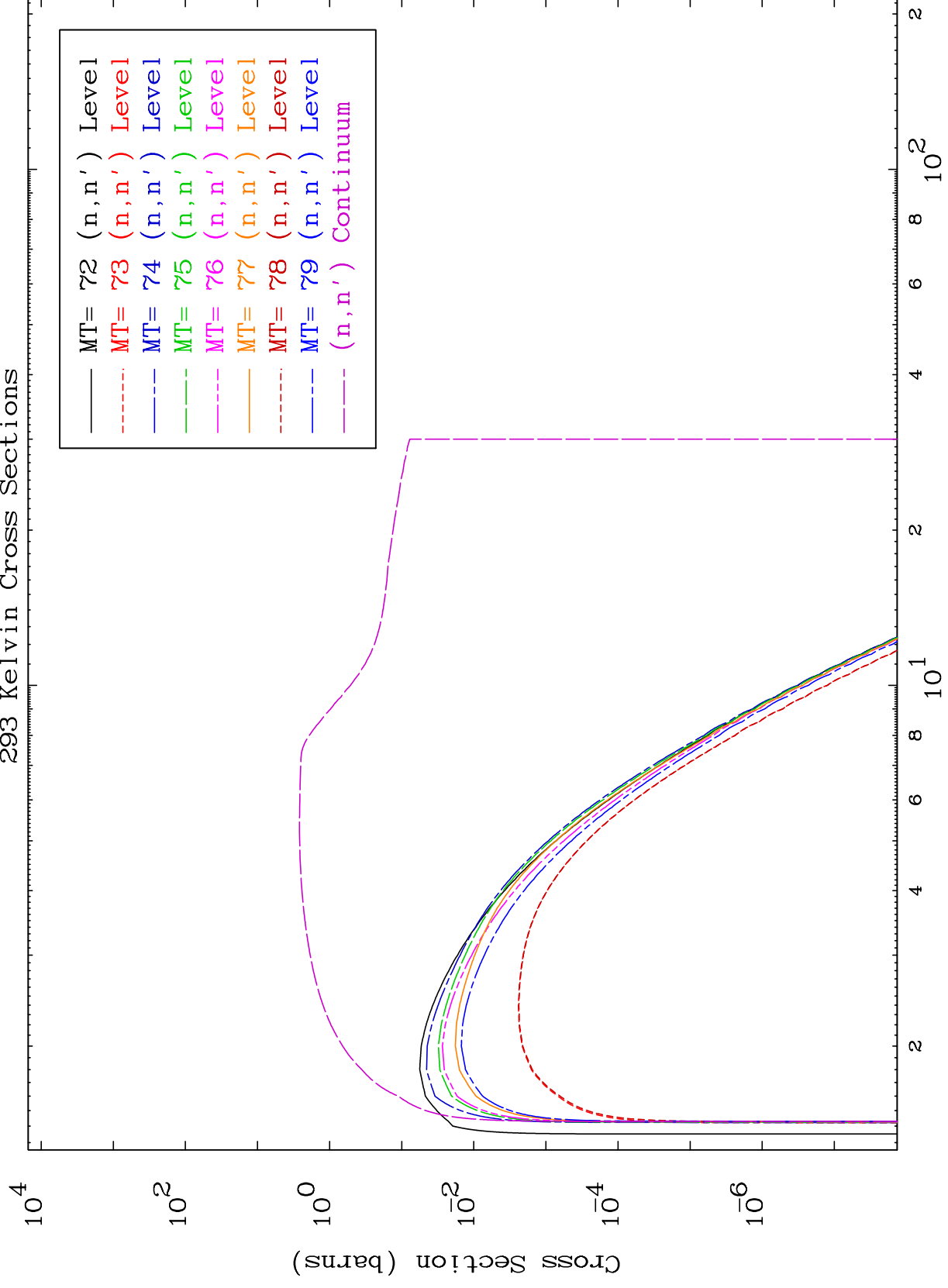


Incident Energy (MeV)

77-Ir-197

8

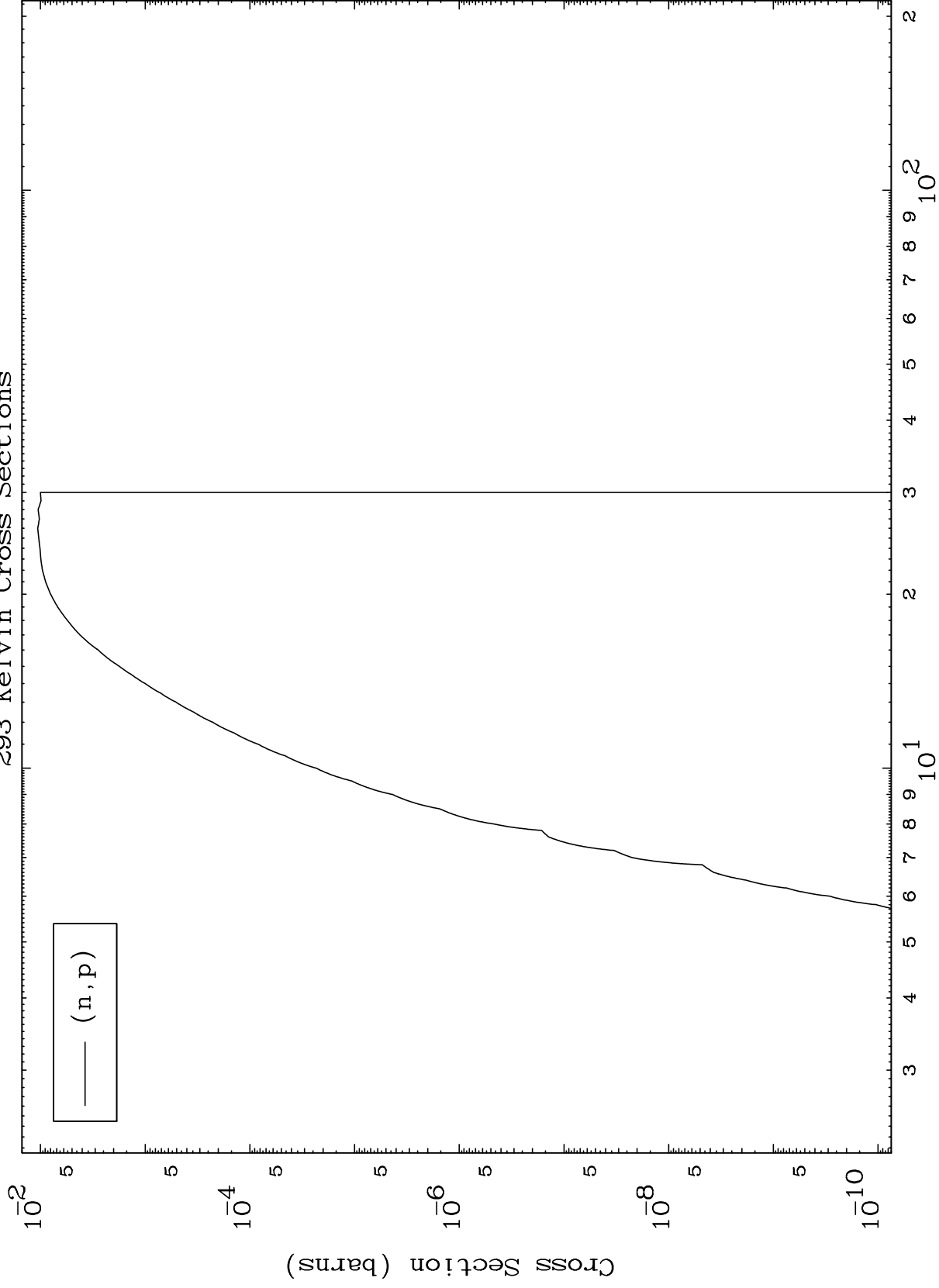
293 Kelvin Cross Sections



MAT 7744

(n,p) Levels
293 Kelvin Cross Sections

77-Ir-197



10

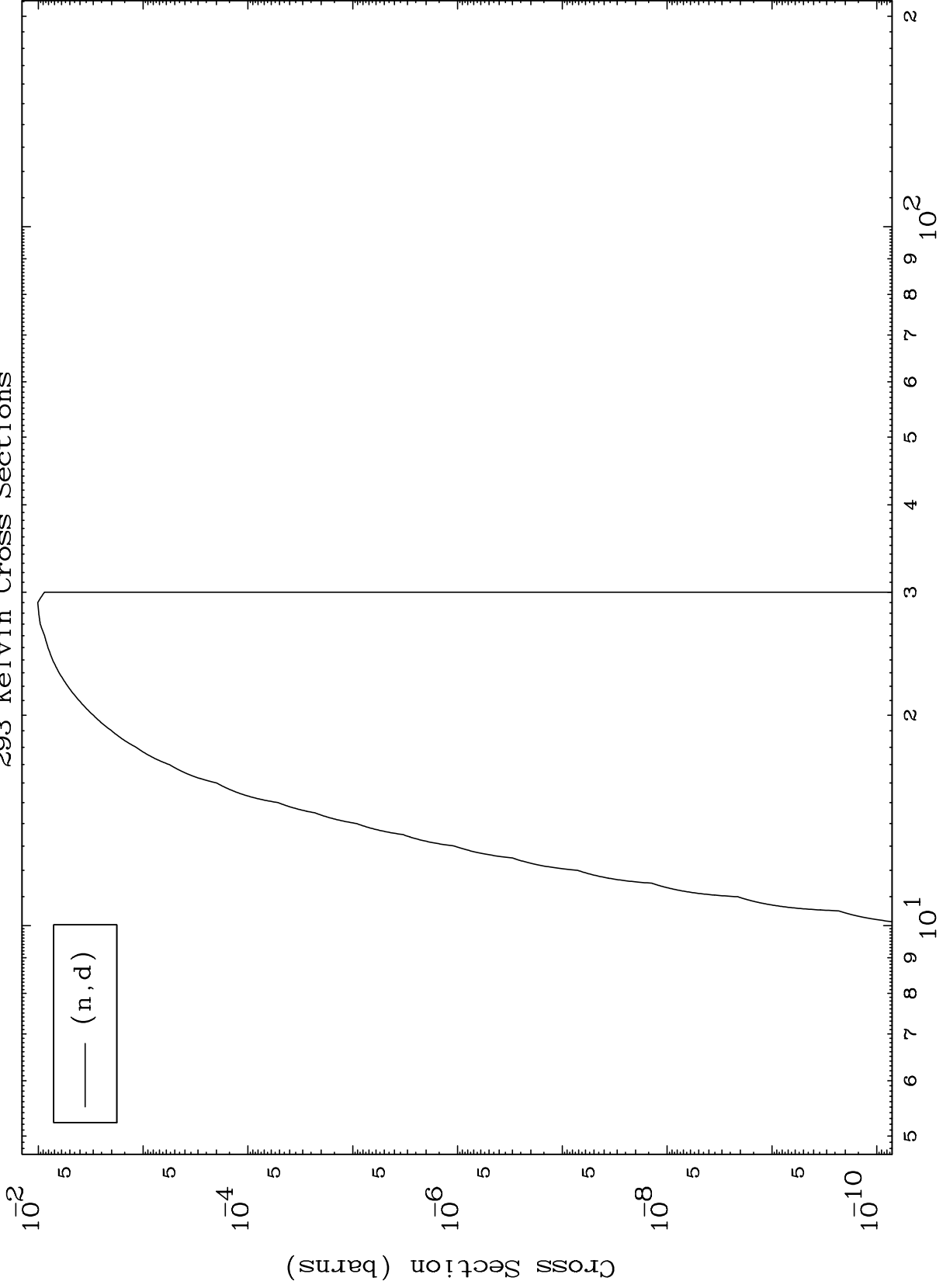
Incident Energy (MeV)

77-Ir-197

MAT 7744

(n,d) Levels
293 Kelvin Cross Sections

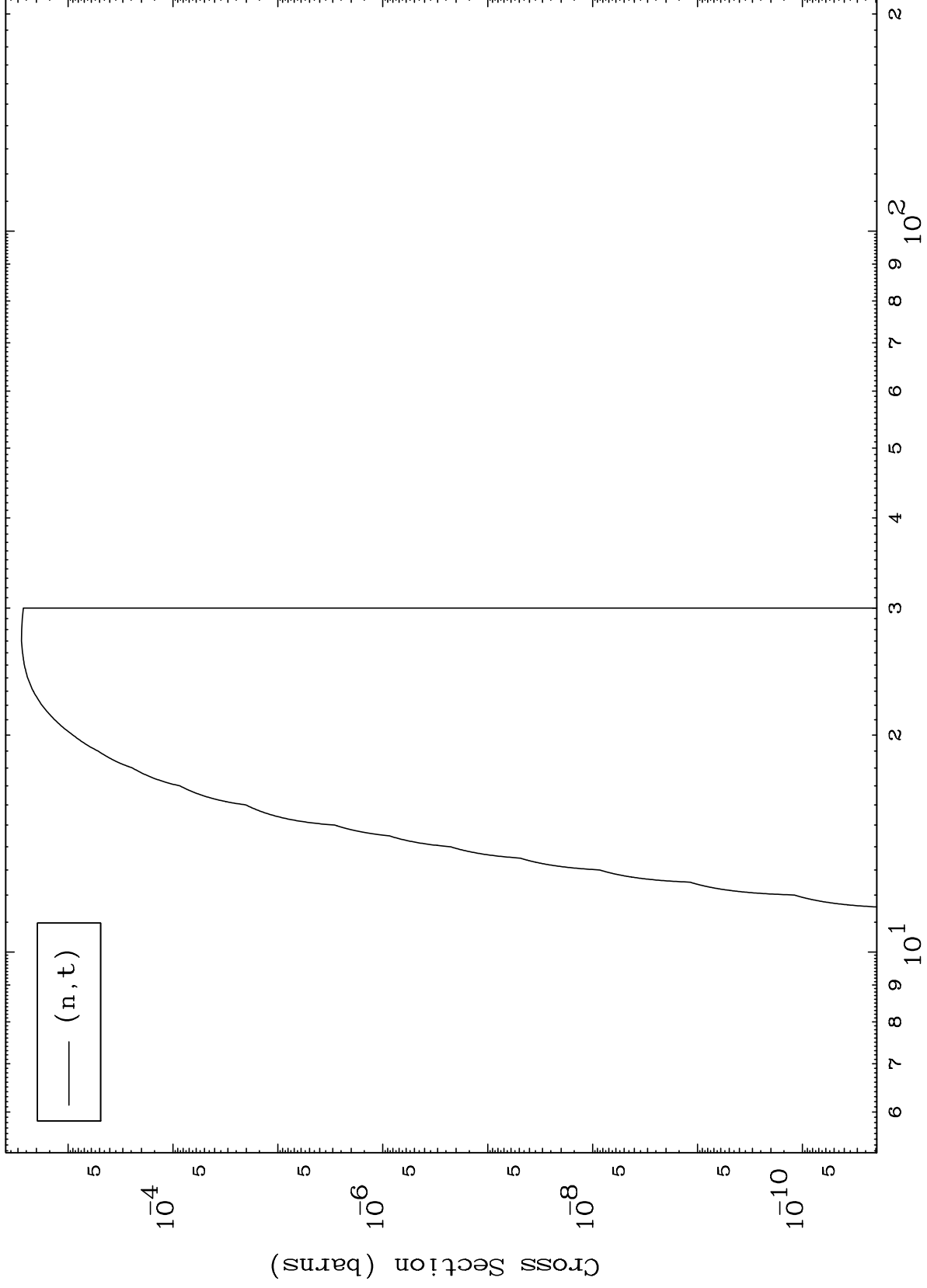
77-Ir-197



MAT 7744

(n,t) Levels
293 Kelvin Cross Sections

77-Ir-197



12

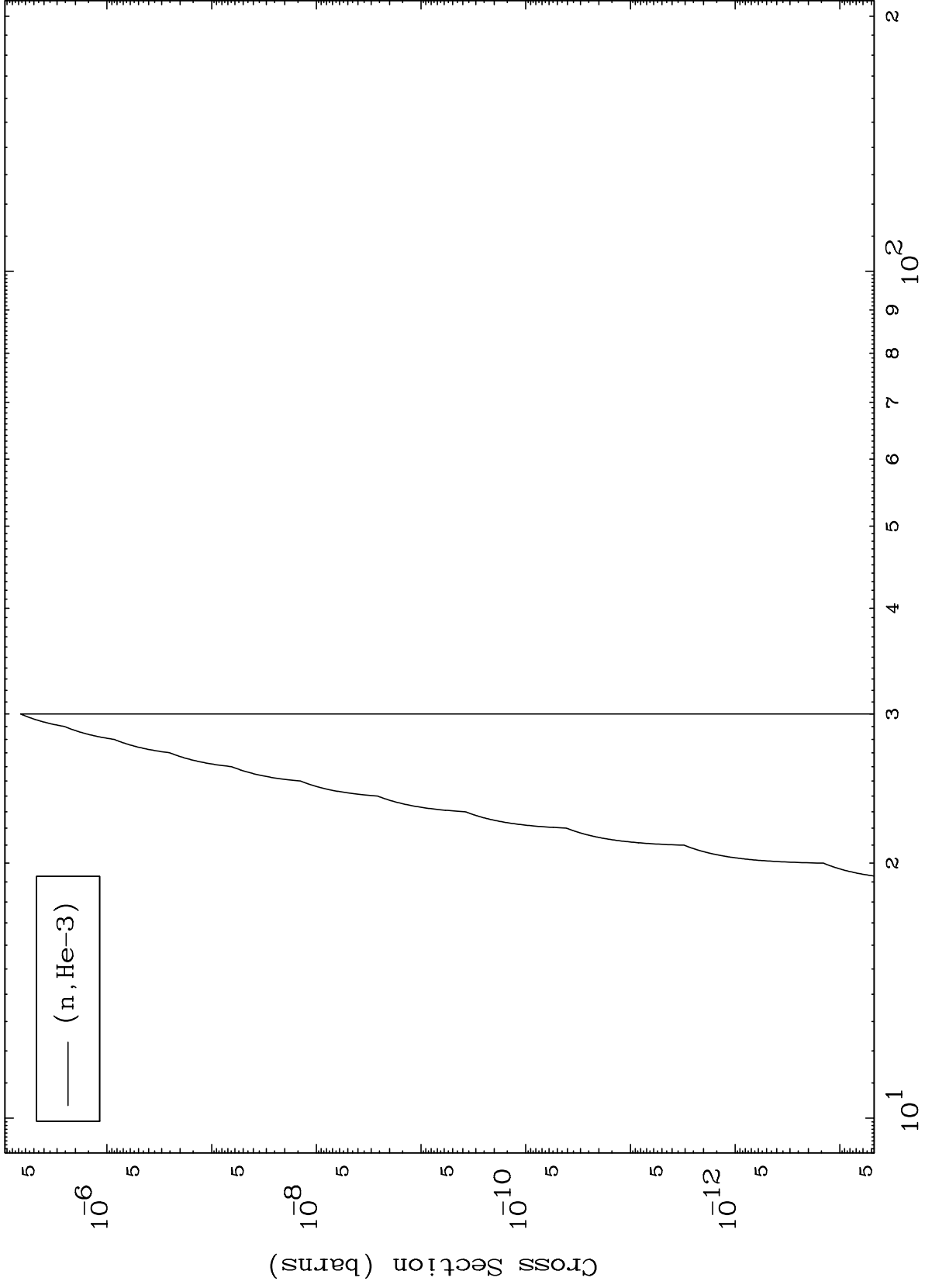
Incident Energy (MeV)

77-Ir-197

MAT 7744

(n,He3) Levels
293 Kelvin Cross Sections

77-Ir-197



13

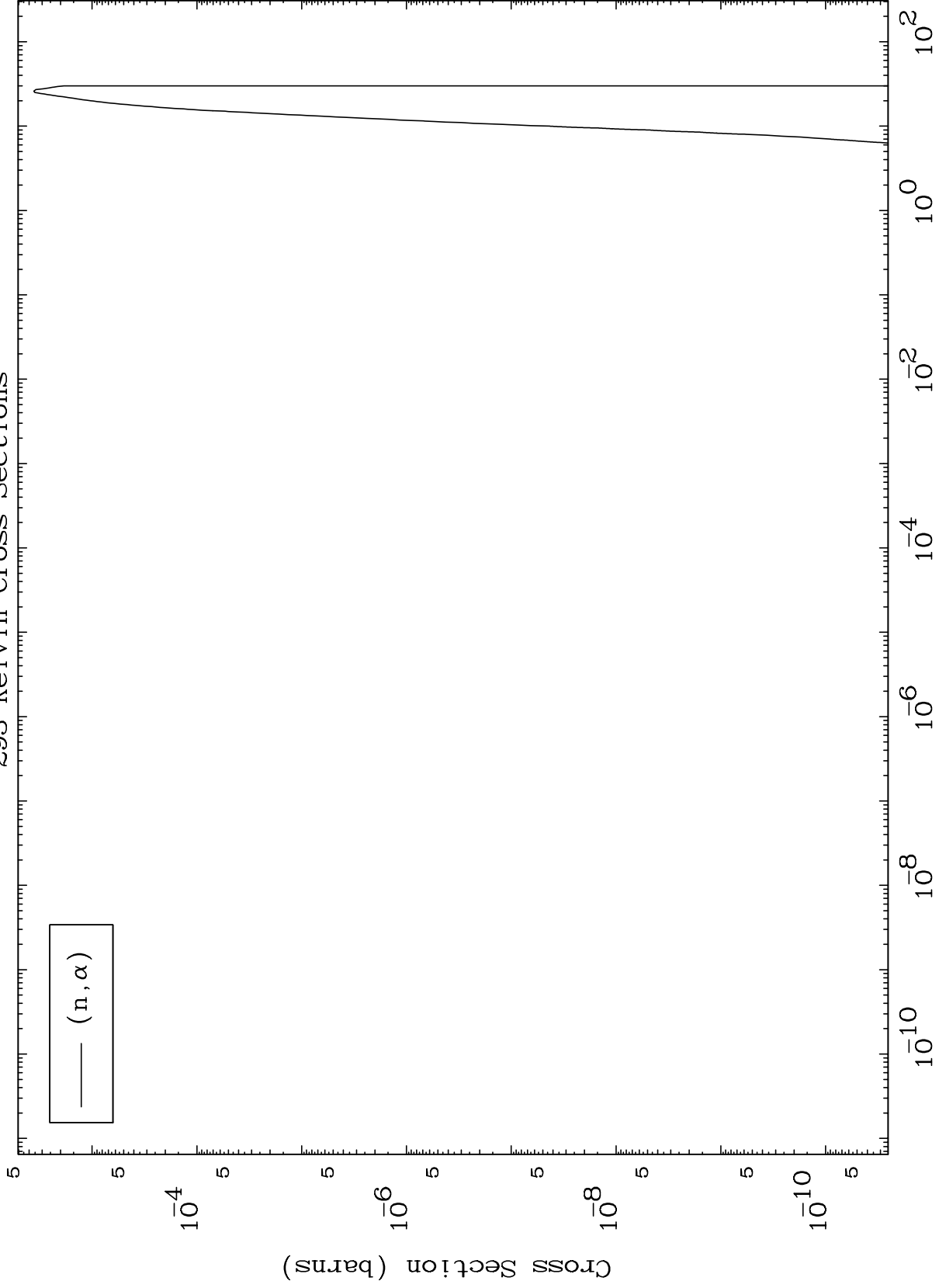
Incident Energy (MeV)

77-Ir-197

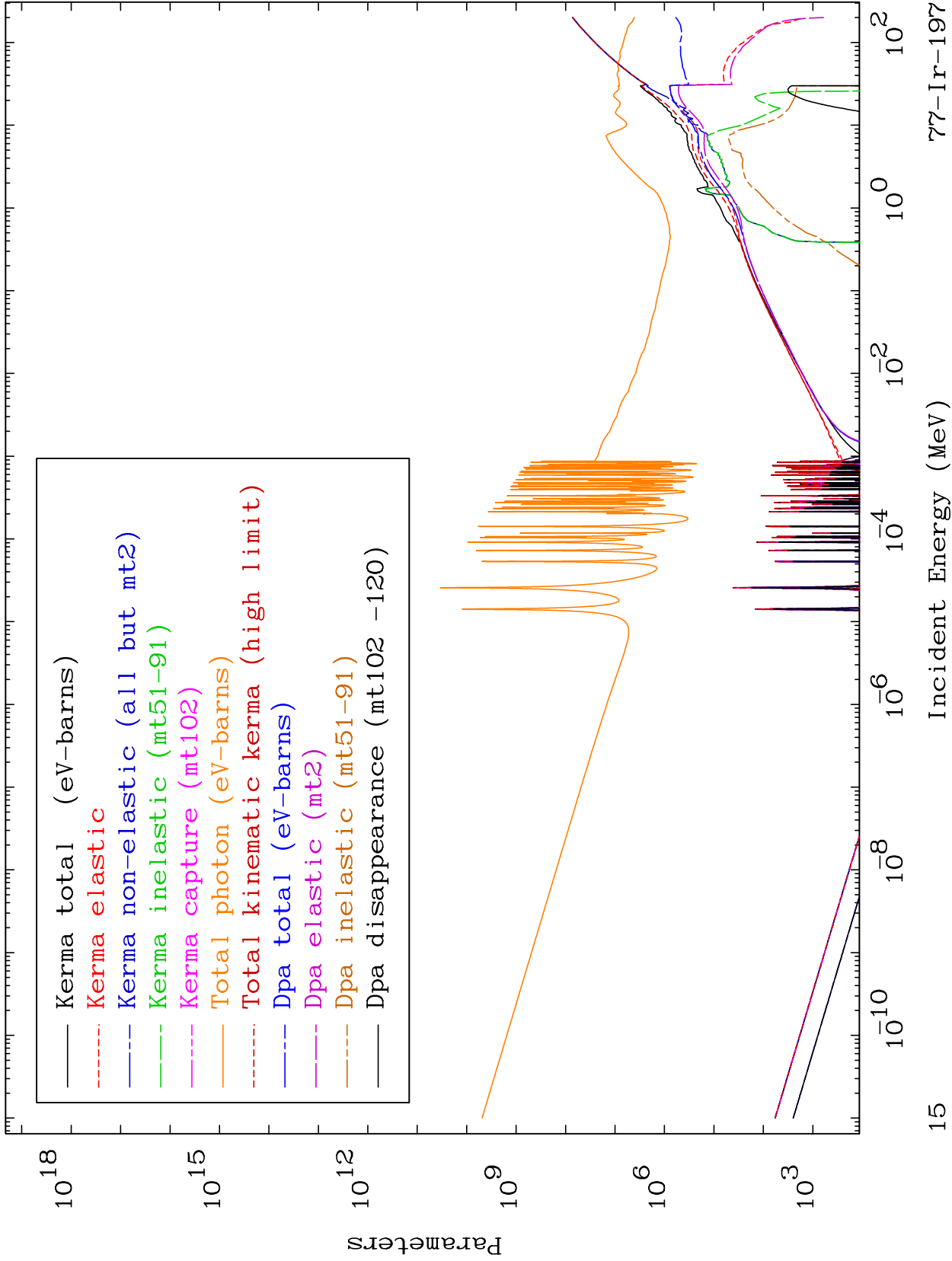
MAT 7744

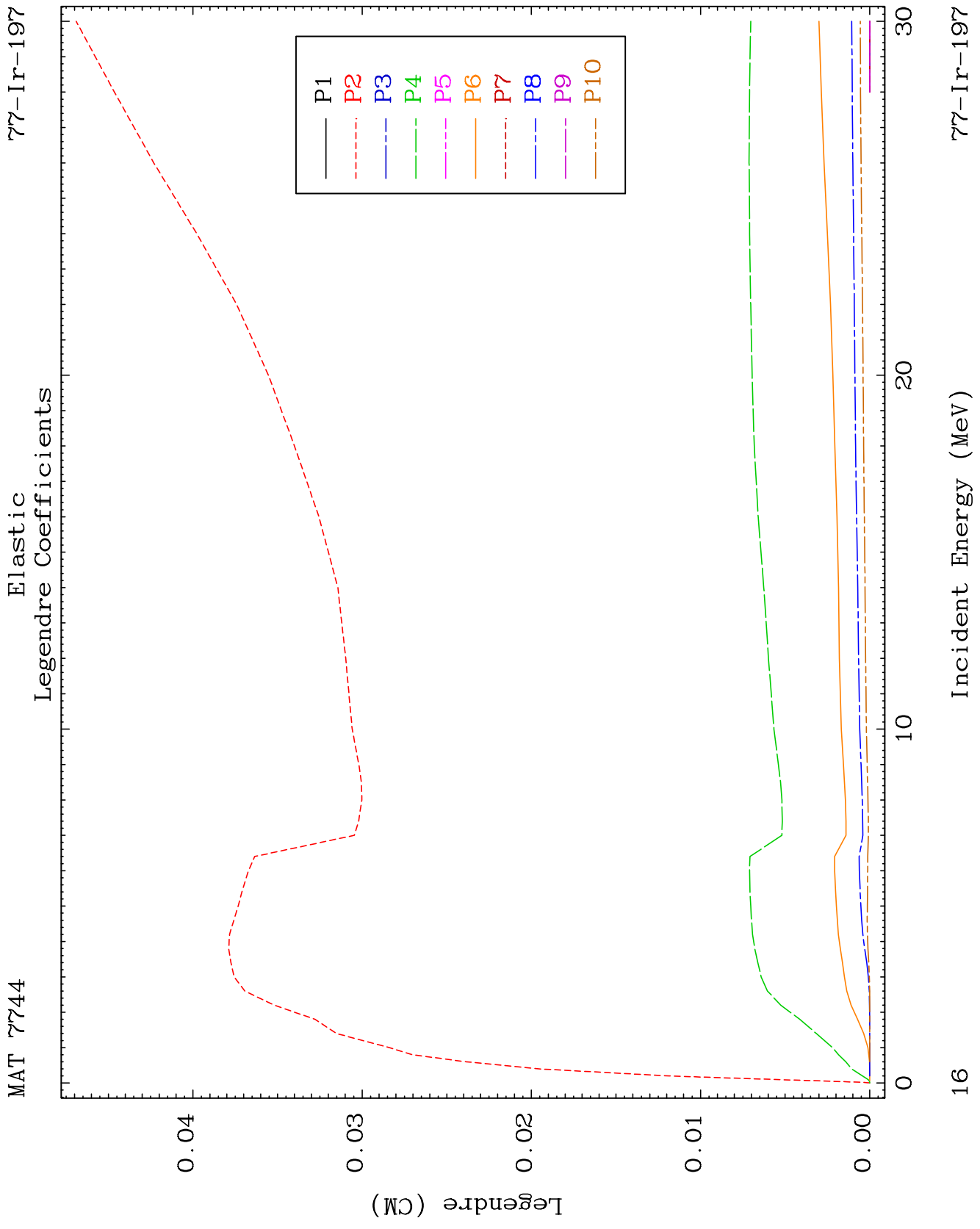
(n, α) Levels
293 Kelvin Cross Sections

77-Ir-197



(n, α)





77-Ir-197

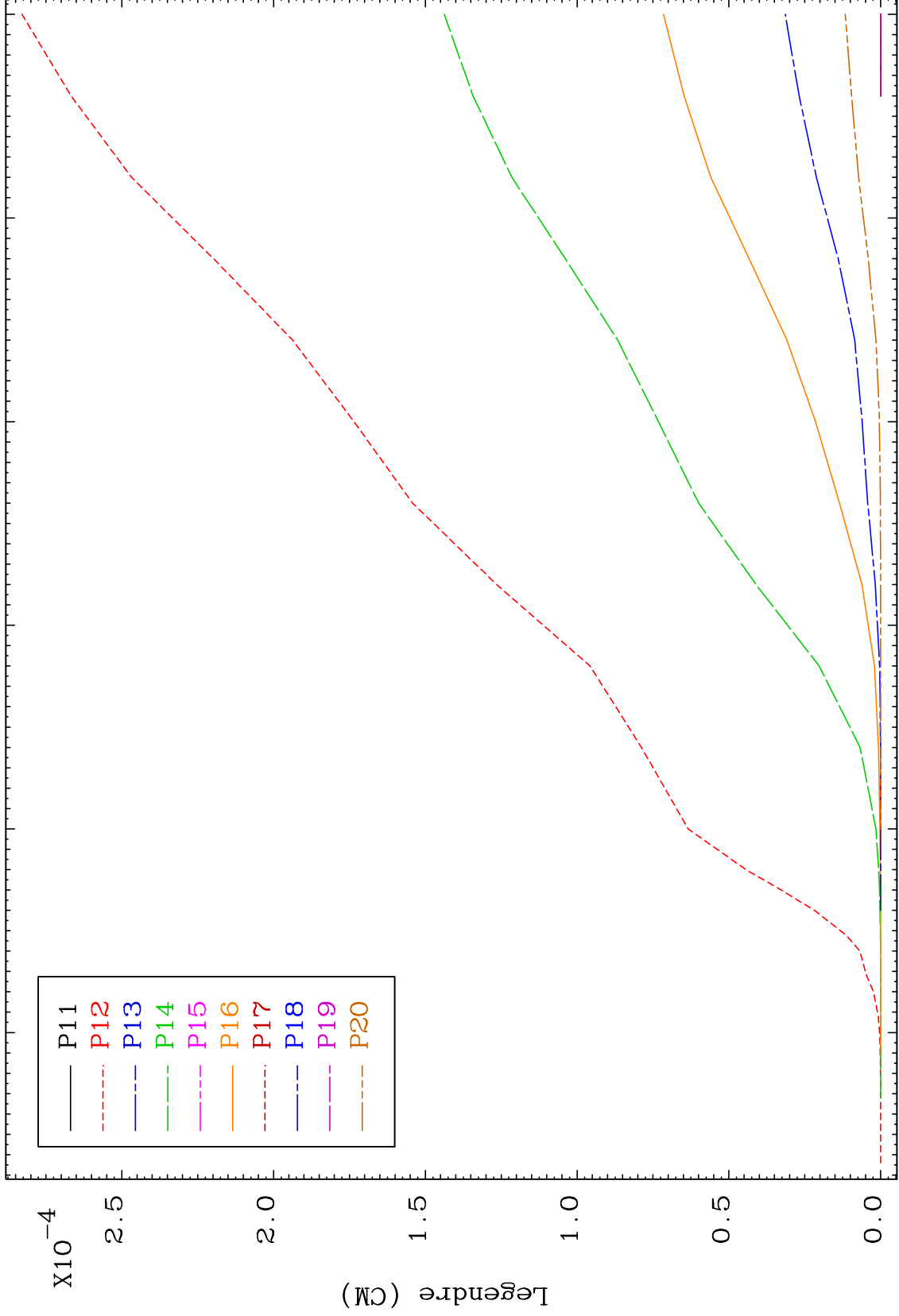
Incident Energy (MeV)

16

MAT 7744

Elastic Legendre Coefficients

77-Ir-197



17

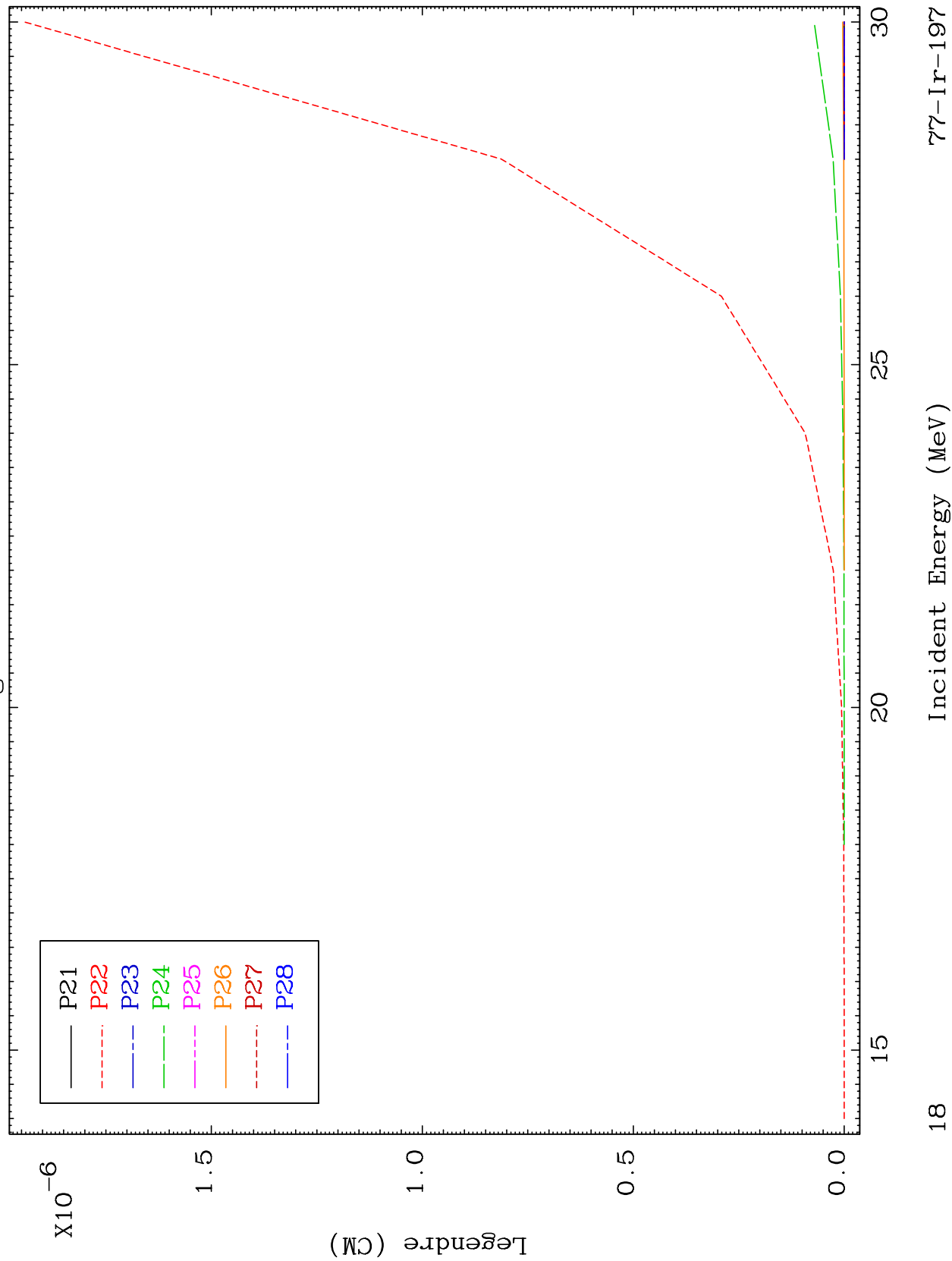
Incident Energy (MeV)

77-Ir-197

MAT 7744

Elastic Legendre Coefficients

77-Ir-197



18

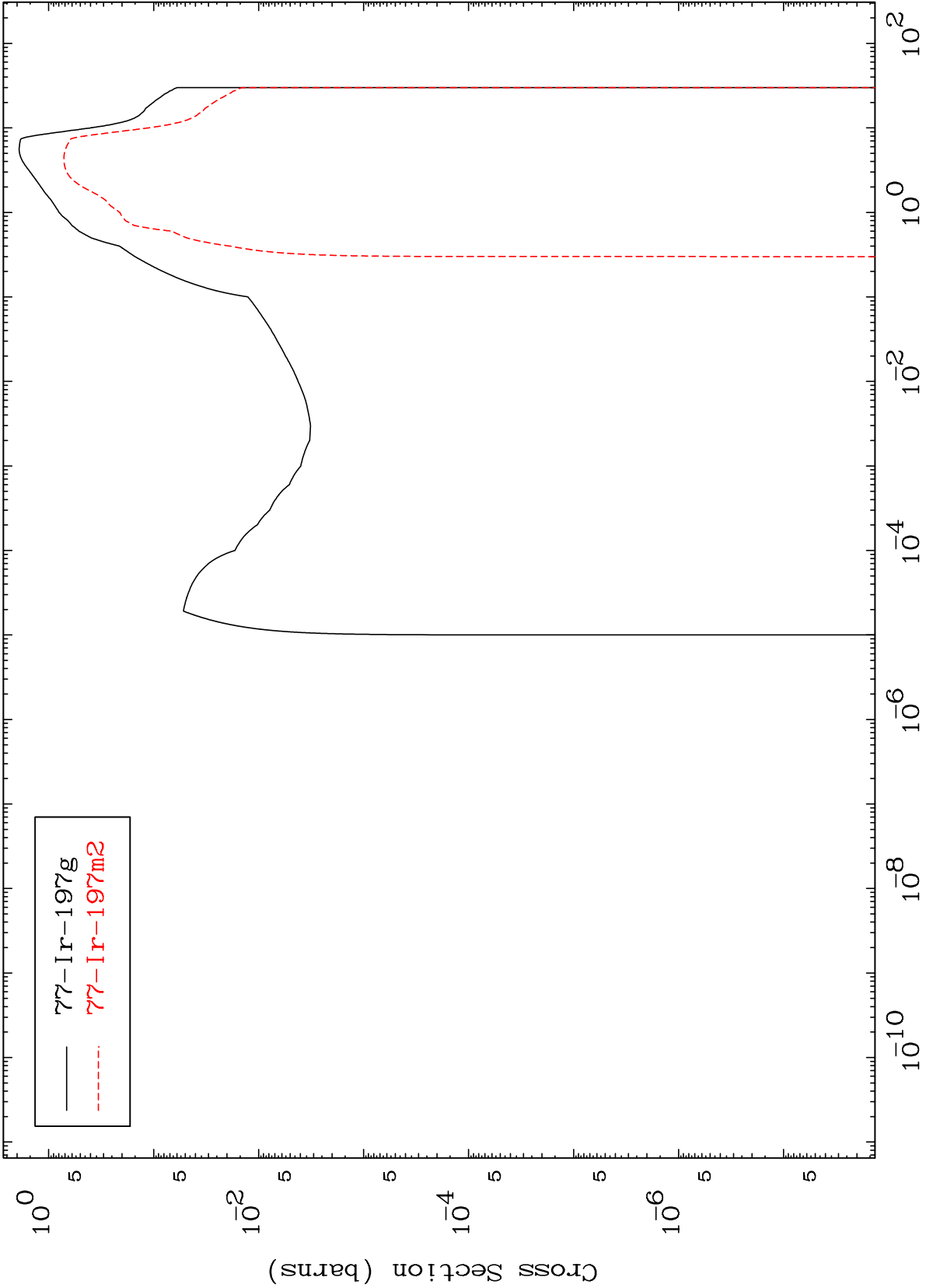
Incident Energy (MeV)

77-Ir-197

MAT 7744

Inelastic
Radionuclide Production Cross Section

77-Ir-197

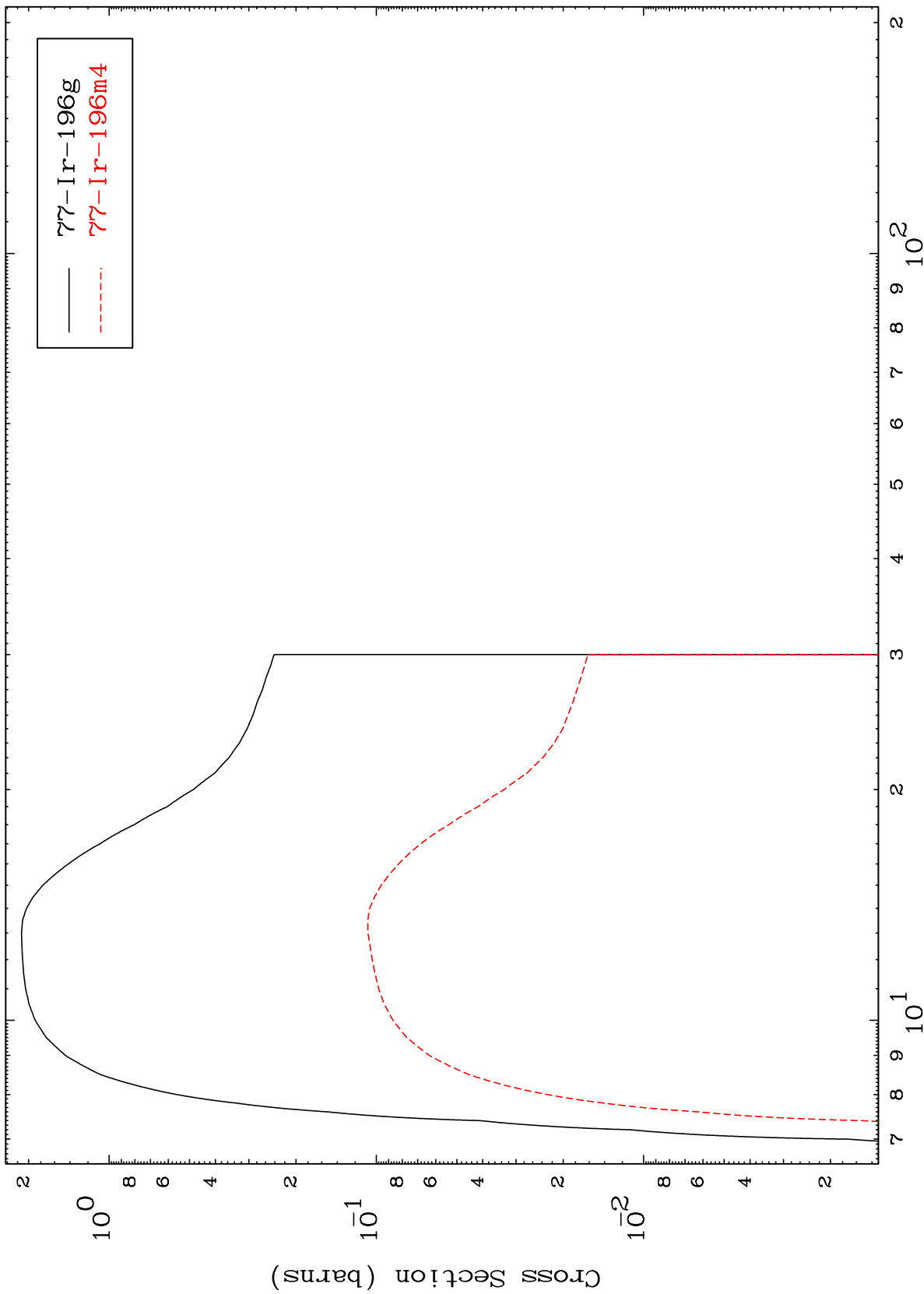


— 77-Ir-197g
- - - 77-Ir-197m2

MAT 7744

77-Ir-197

(n,2n)
Radionuclide Production Cross Section



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

20

Incident Energy (MeV)

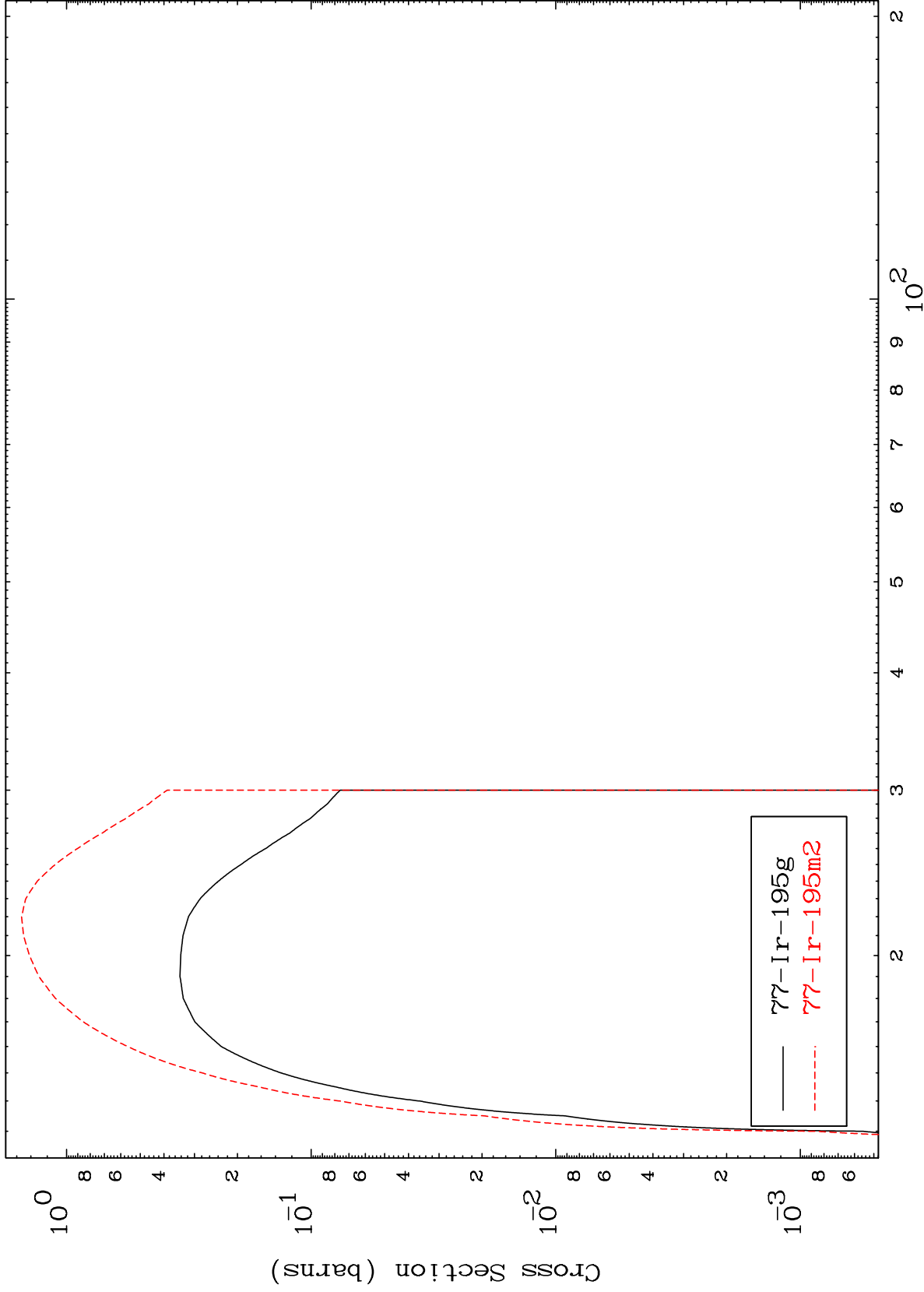
77-Ir-197

MAT 7744

(n,3n)

⁷⁷Ir-197

Radionuclide Production Cross Section

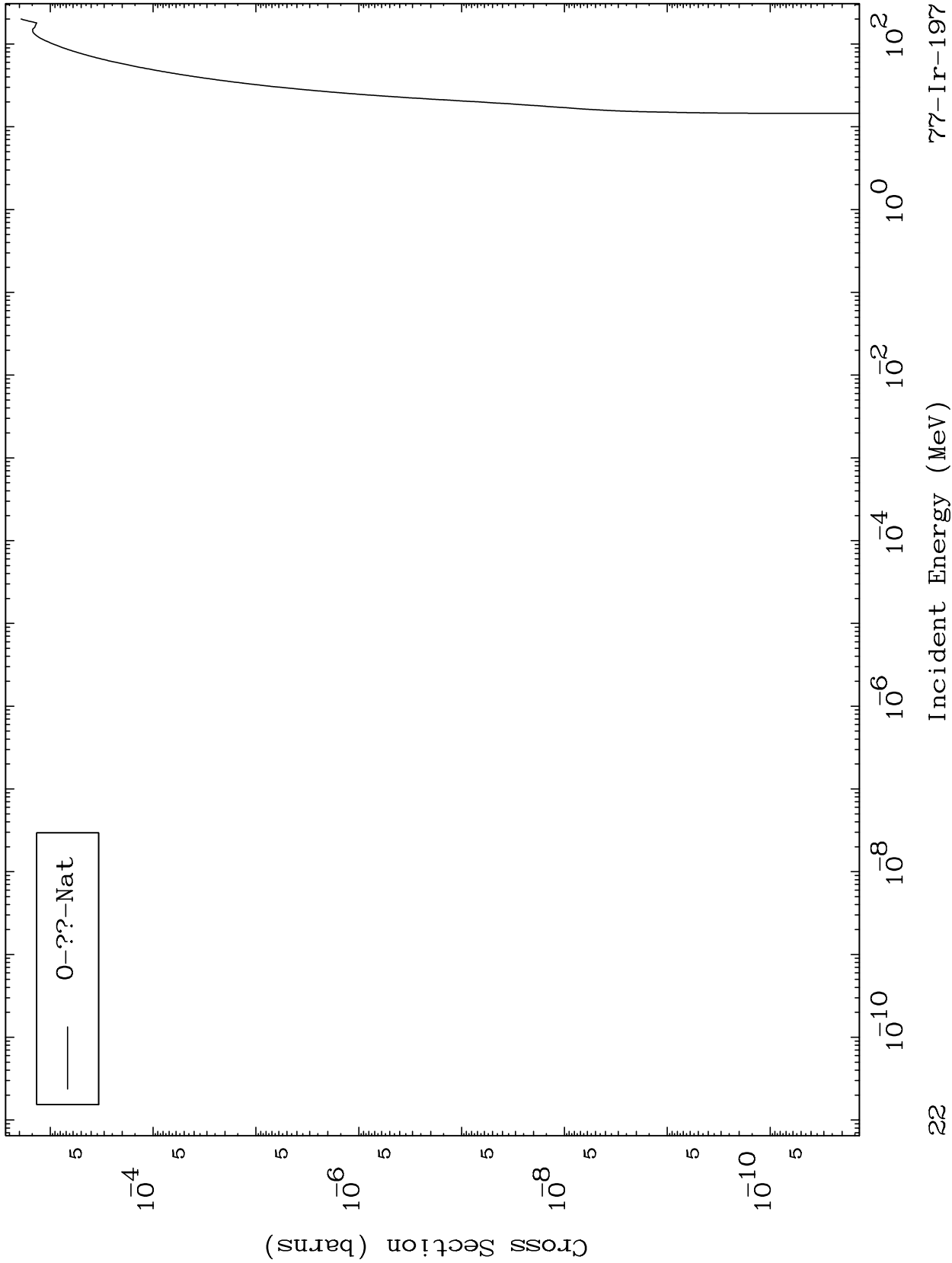


MAT 7744

Fission

77-Ir-197

Radionuclide Production Cross Section



MAT 7744

(n,2n) α

77-Ir-197

Radionuclide Production Cross Section

