

Program EVALPLOT
(Version 2018-1)

by

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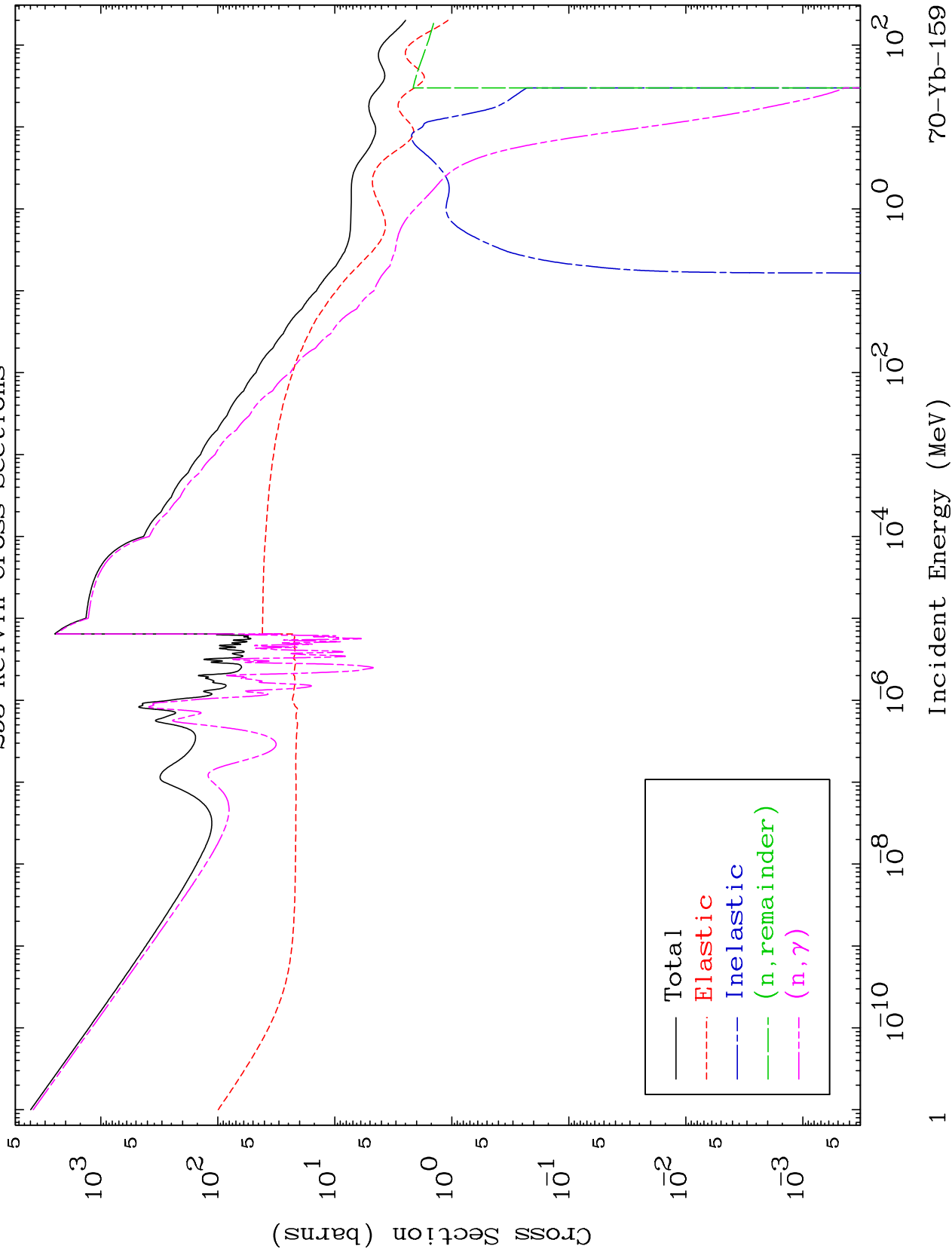
Press Mouse Button to Start

MAT 6998

Major

293 Kelvin Cross Sections

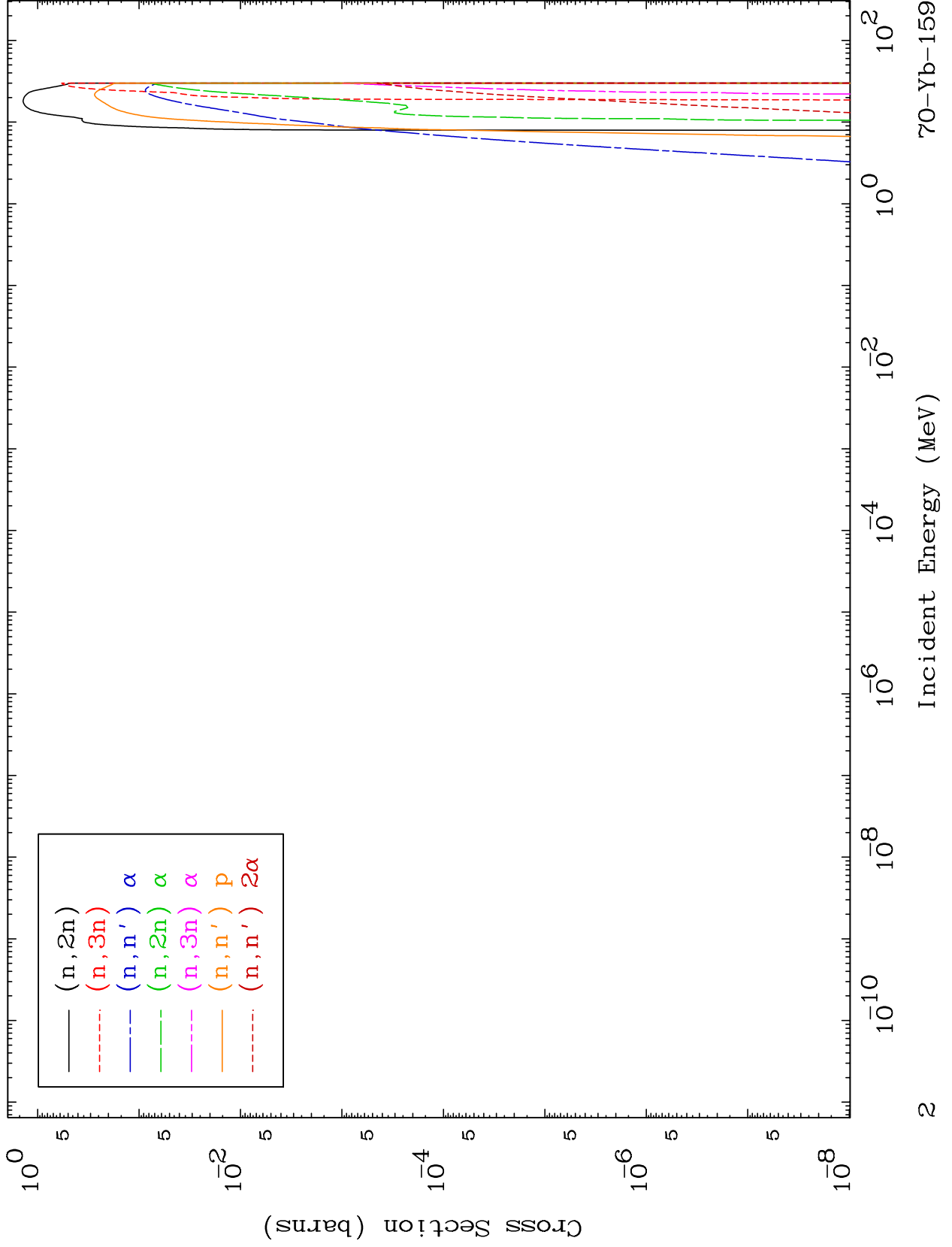
70-Yb-159



MAT 6998

Neutron Production
293 Kelvin Cross Sections

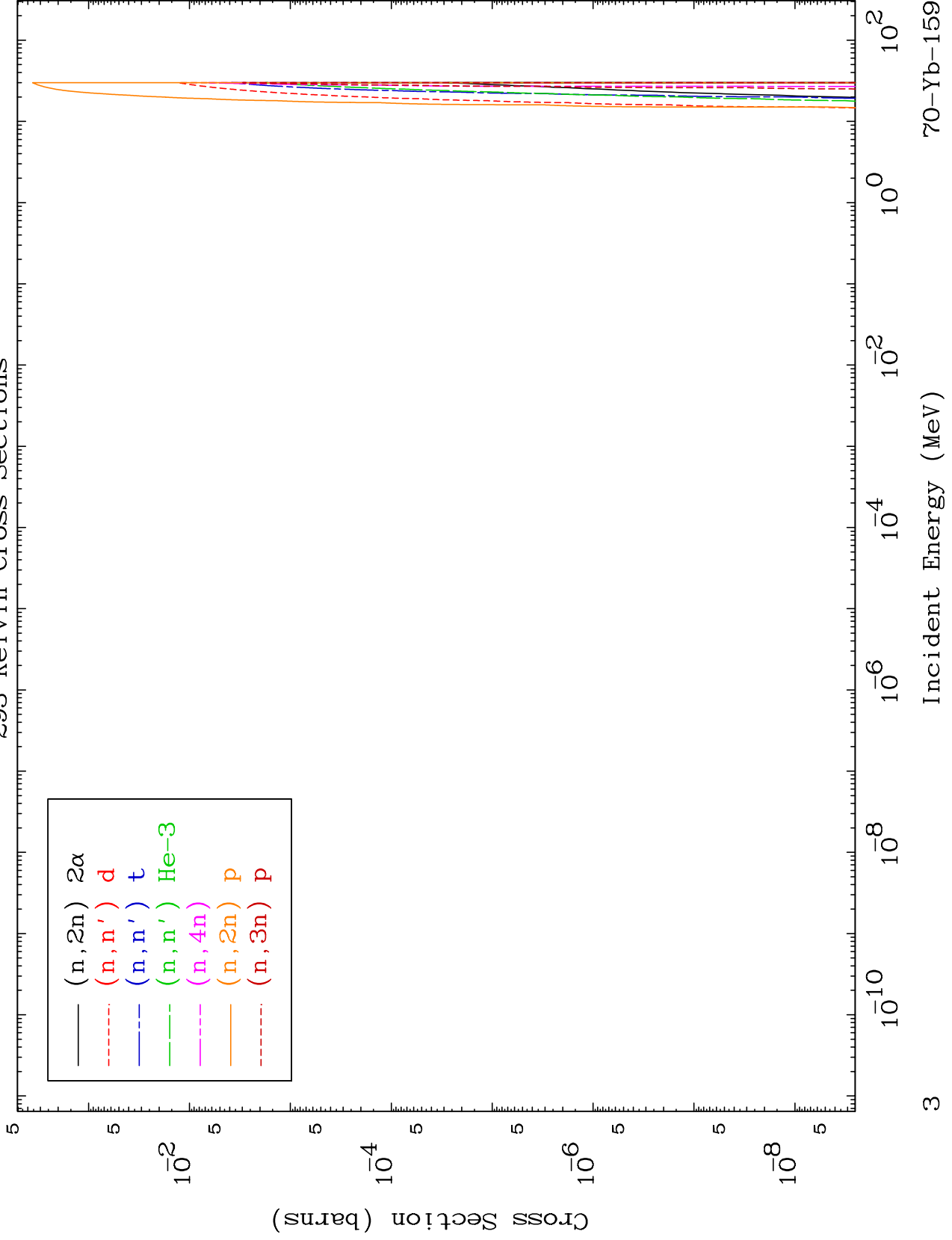
70-Yb-159



MAT 6998

Neutron Production
293 Kelvin Cross Sections

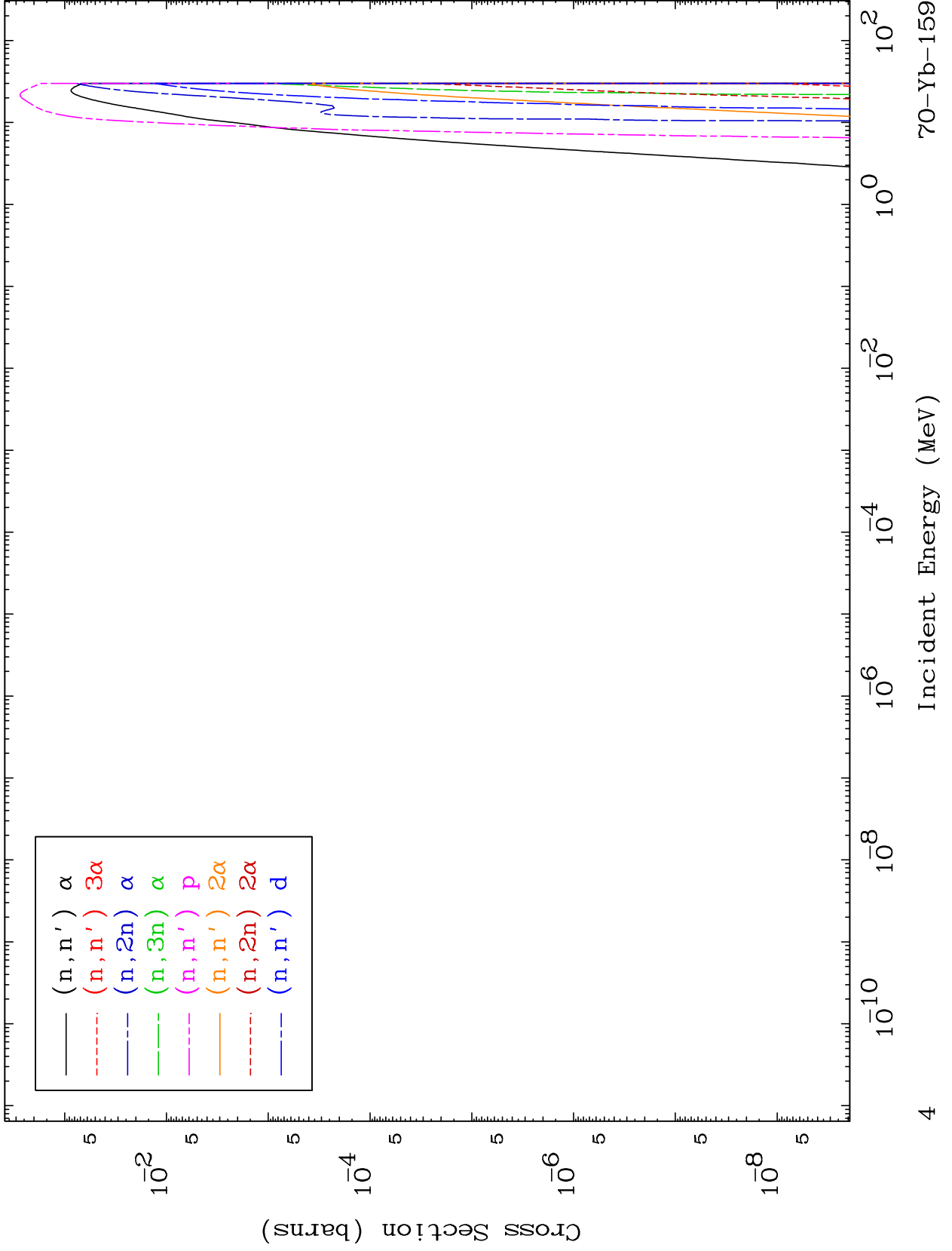
70-Yb-159



MAT 6998

Charged Particle
293 Kelvin Cross Sections

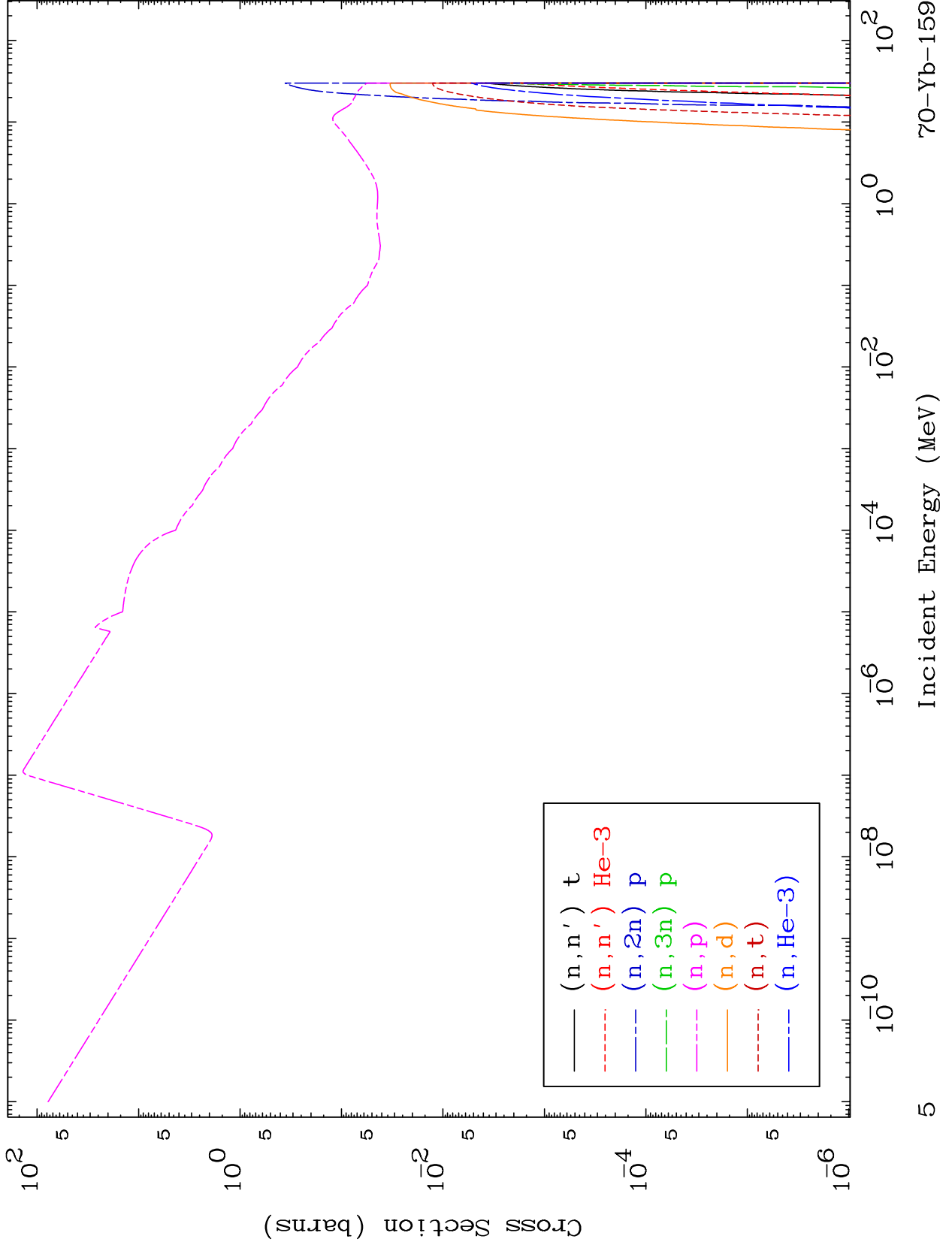
70-Yb-159



MAT 6998

Charged Particle
293 Kelvin Cross Sections

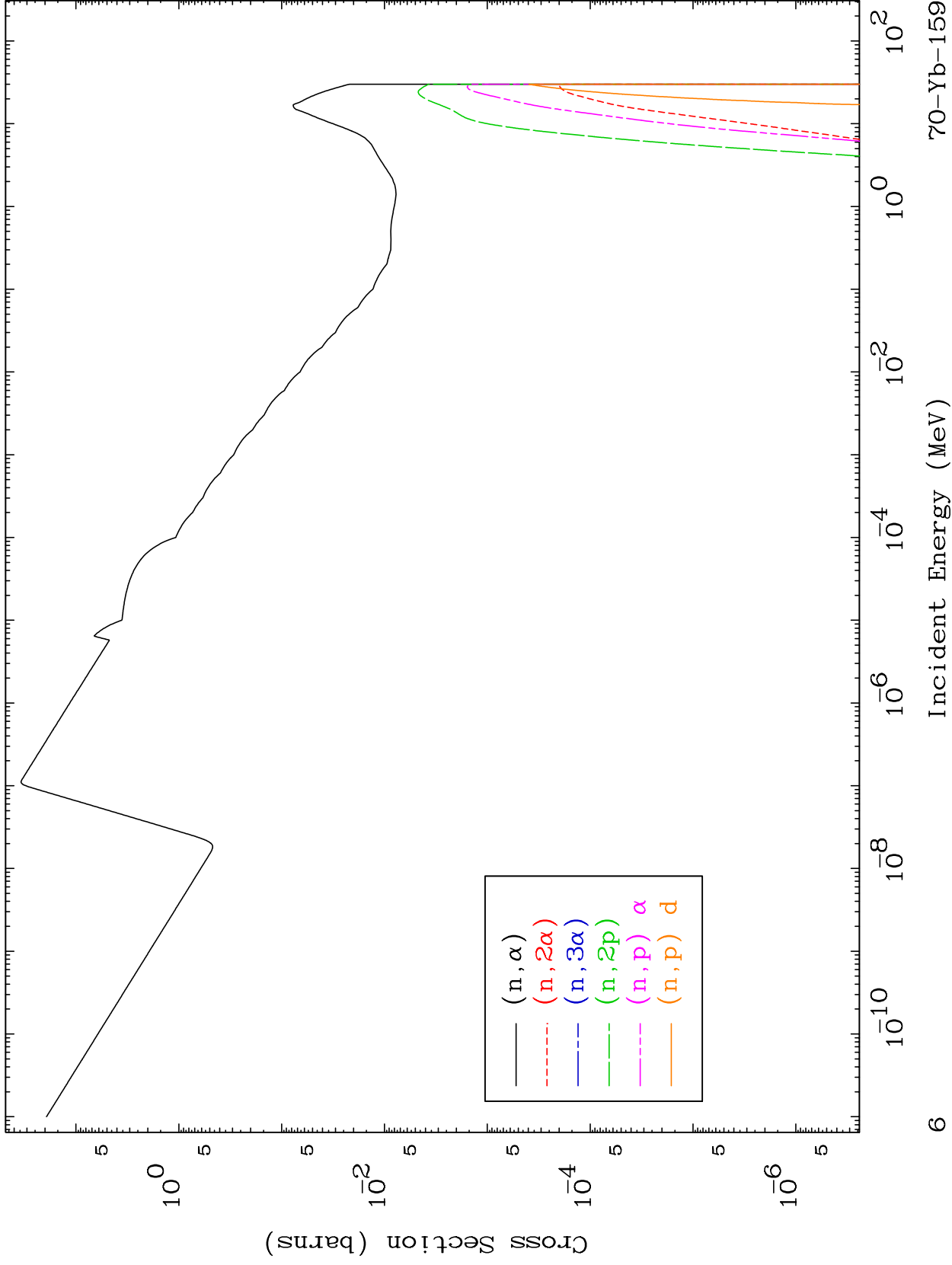
70-Yb-159



MAT 6998

Charged Particle
293 Kelvin Cross Sections

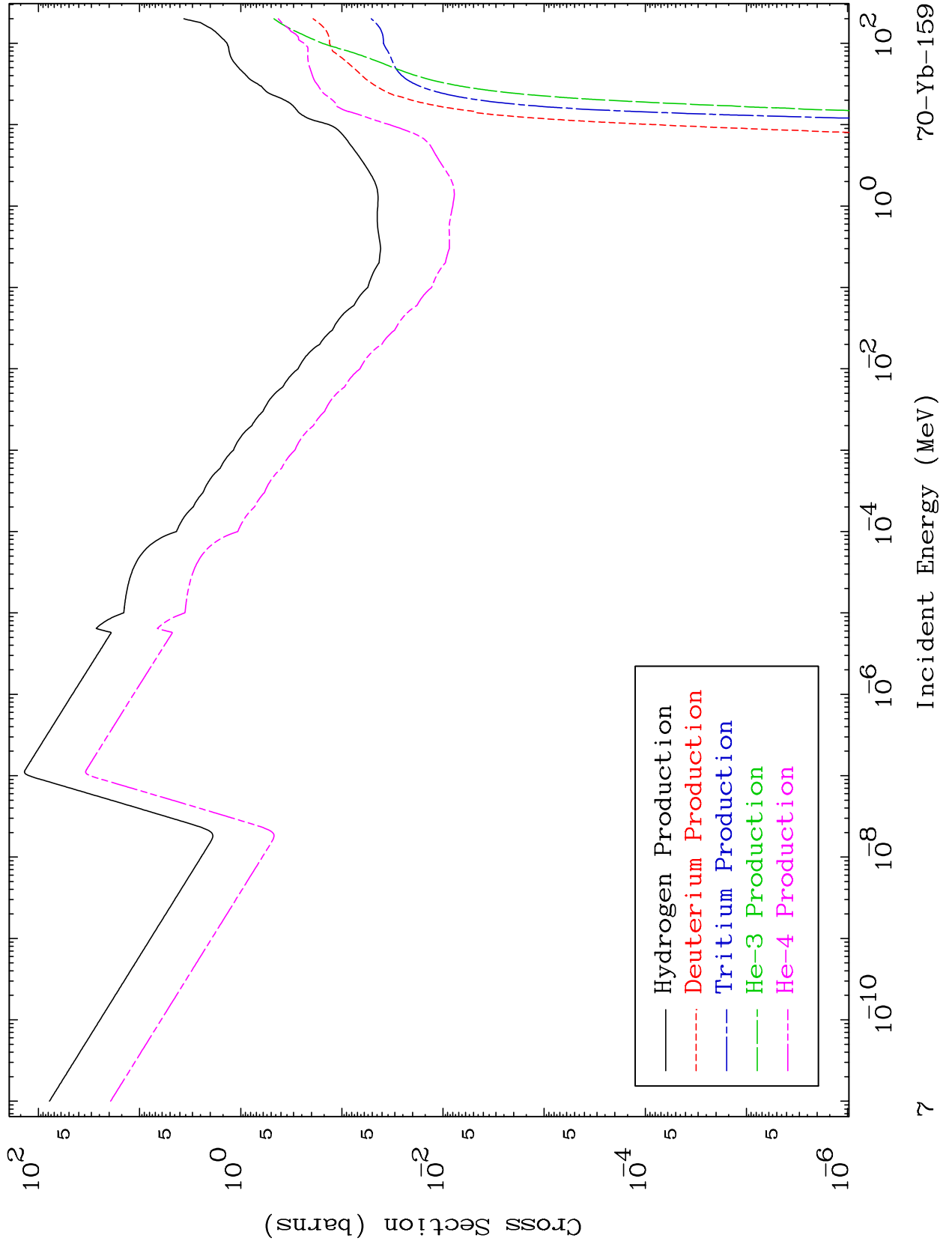
70-Yb-159



MAT 6998

Particle Production
293 Kelvin Cross Sections

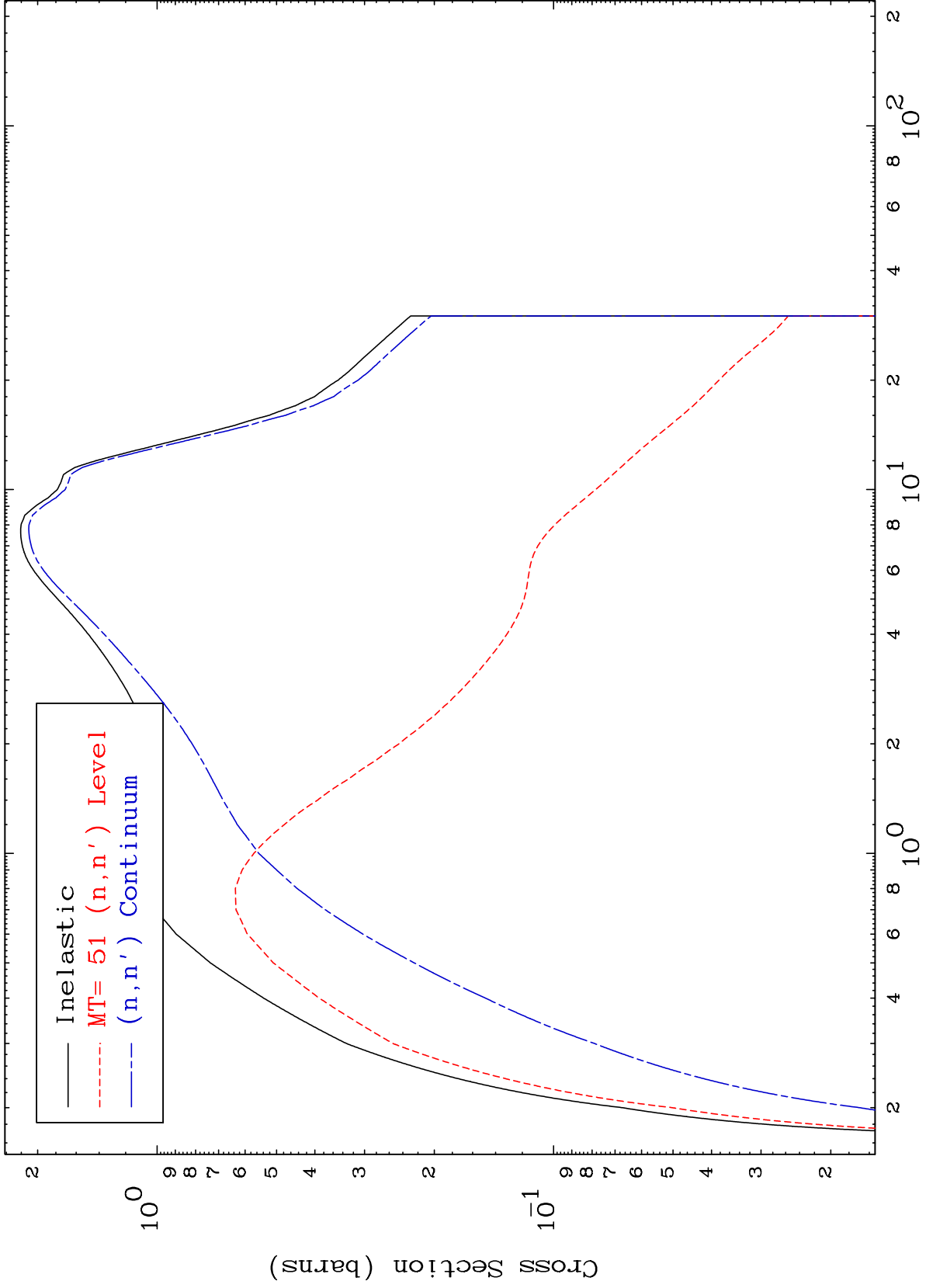
70-Yb-159



MAT 6998

(n,n') Level
293 Kelvin Cross Sections

70-Yb-159



8

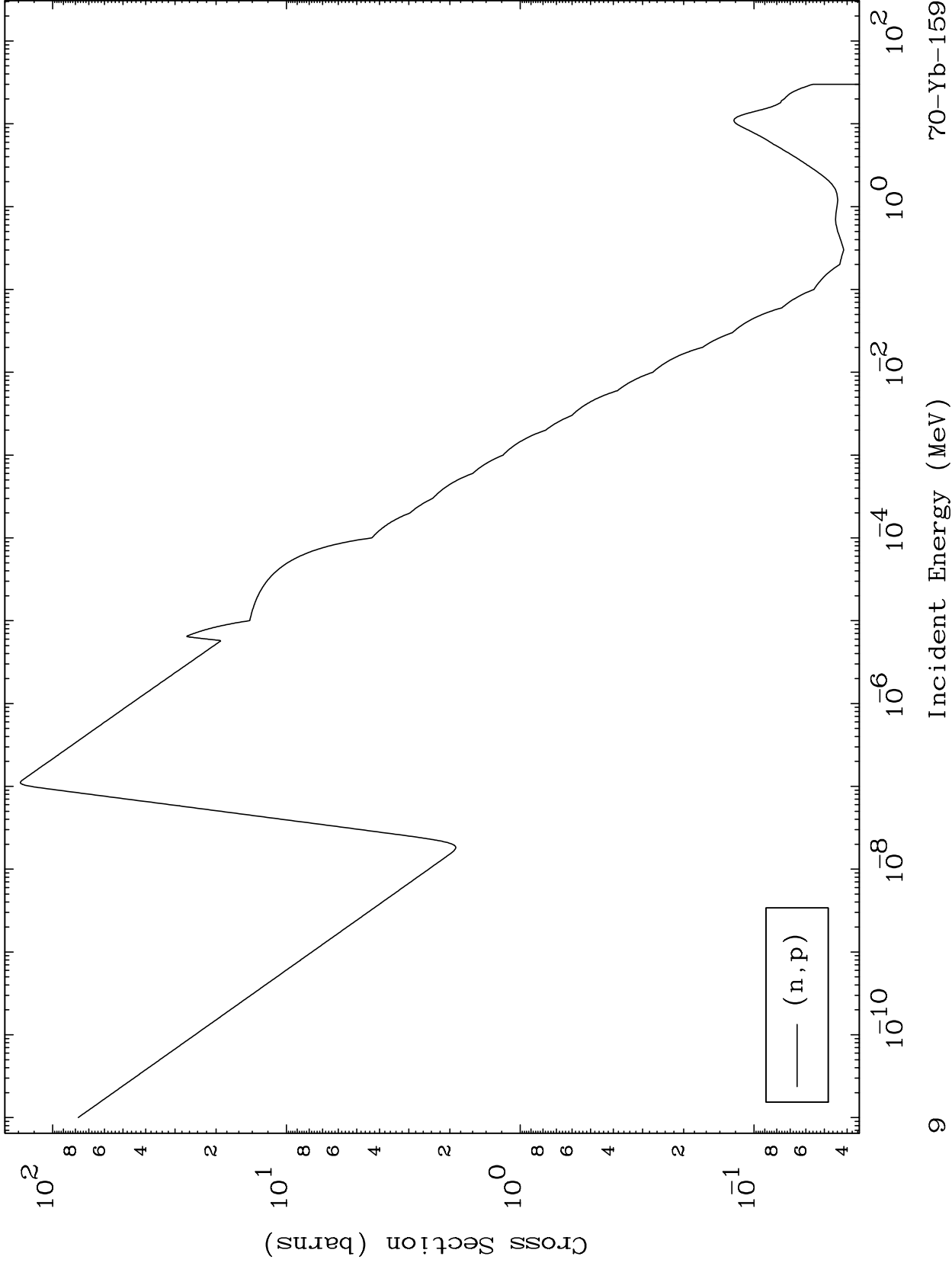
Incident Energy (MeV)

70-Yb-159

MAT 6998

(n,p) Levels
293 Kelvin Cross Sections

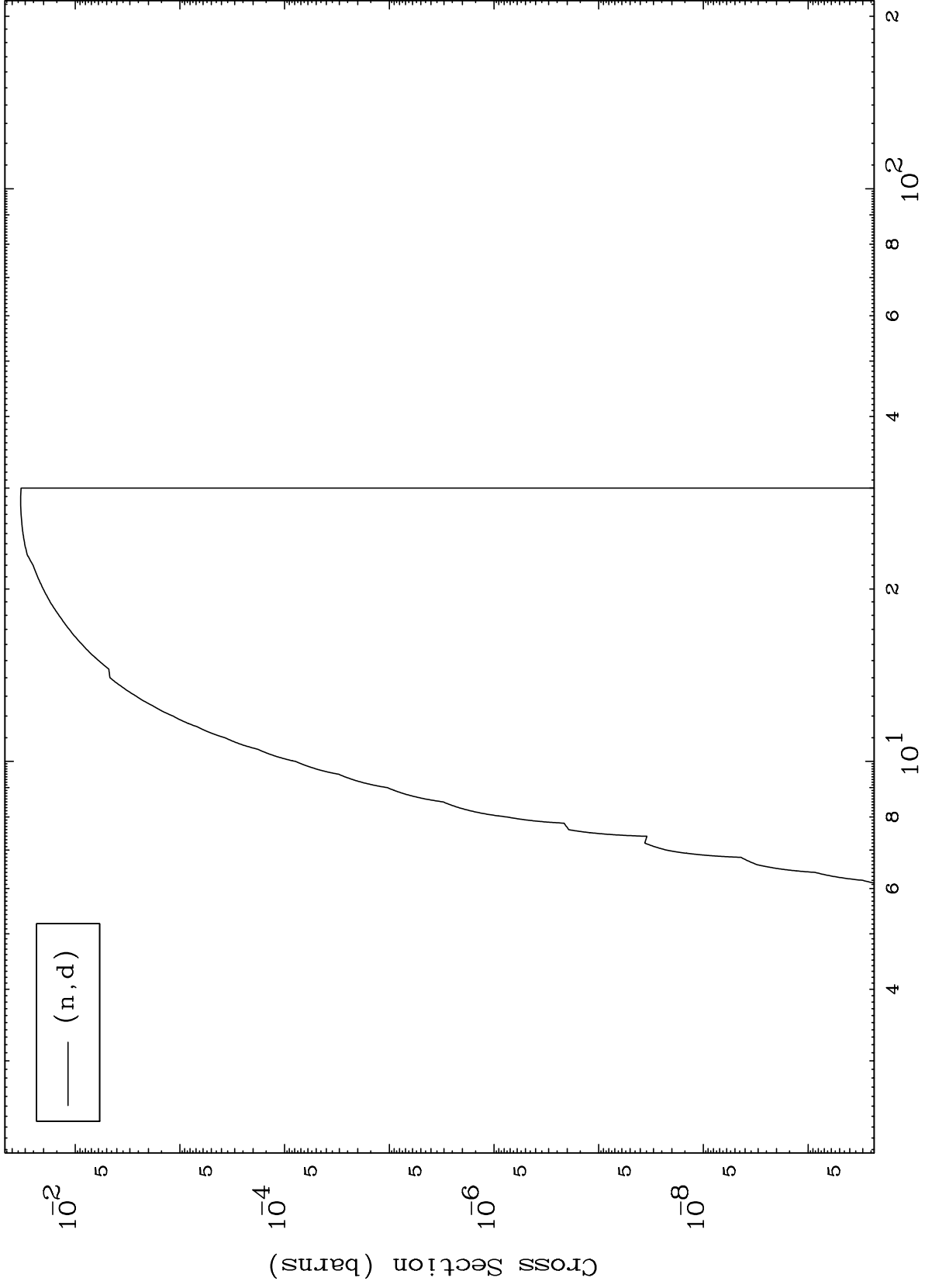
70-Yb-159



MAT 6998

(n,d) Levels
293 Kelvin Cross Sections

70-Yb-159



10

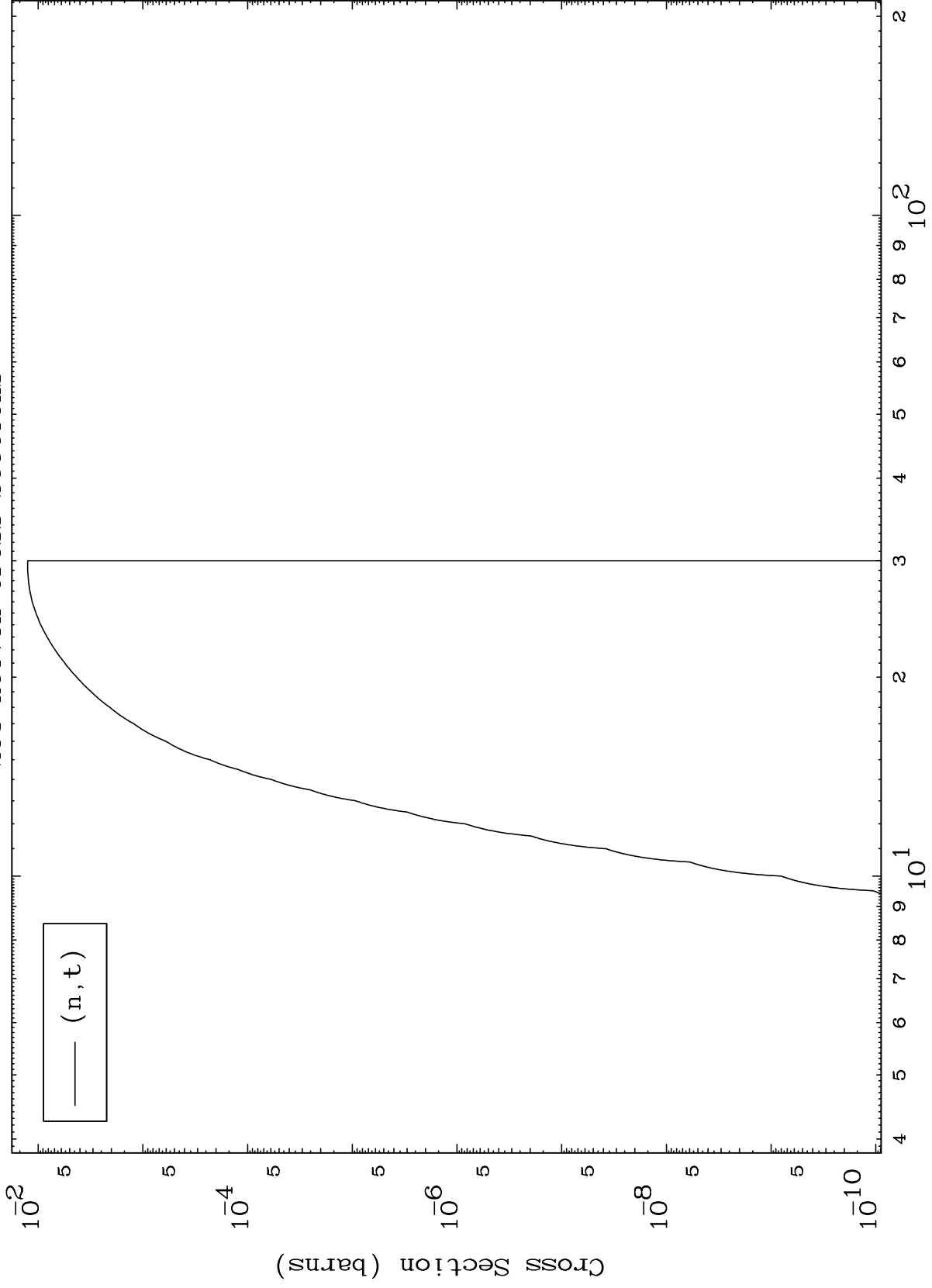
Incident Energy (MeV)

70-Yb-159

MAT 6998

(n,t) Levels
293 Kelvin Cross Sections

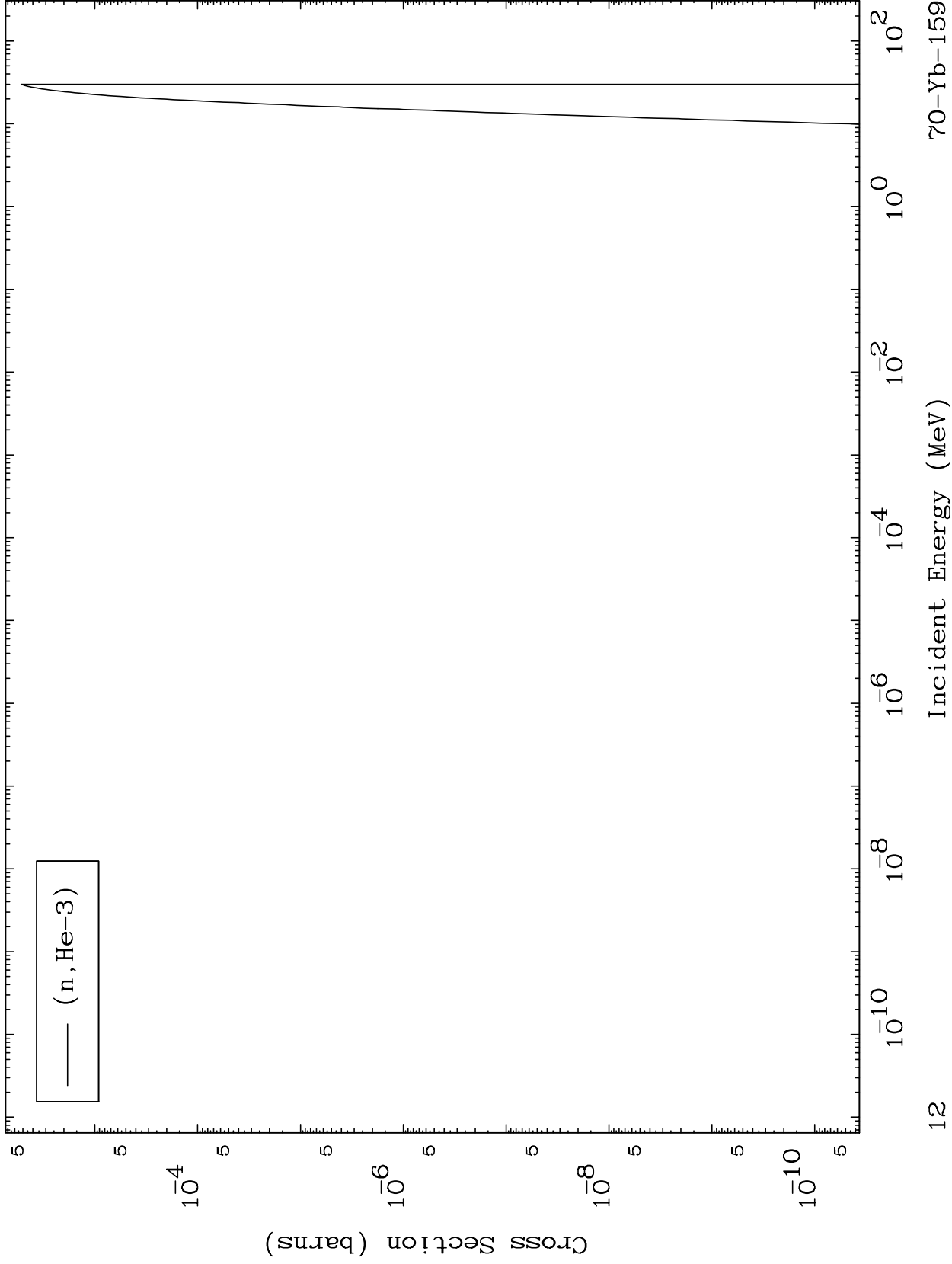
70-Yb-159



MAT 6998

(n,He3) Levels
293 Kelvin Cross Sections

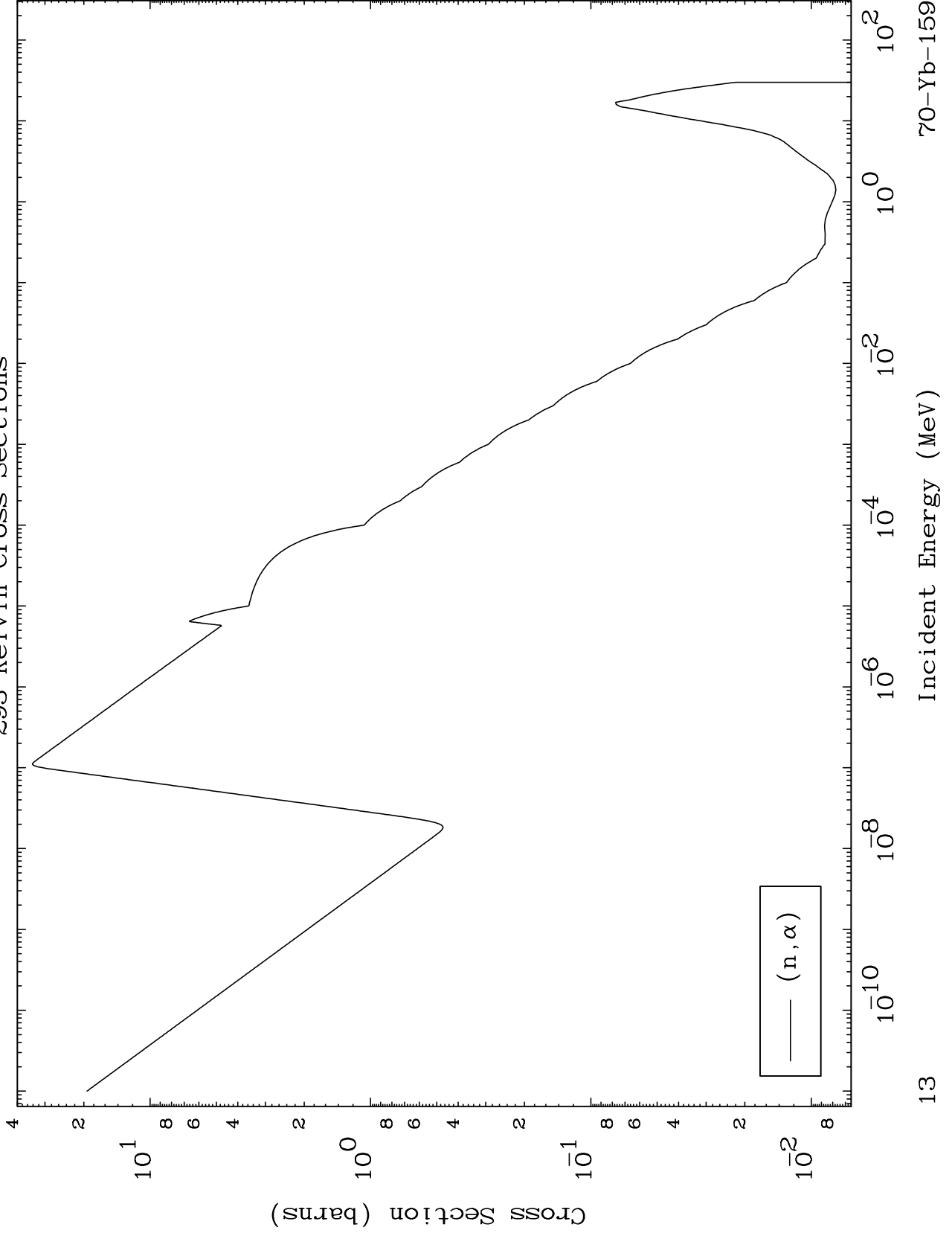
70-Yb-159

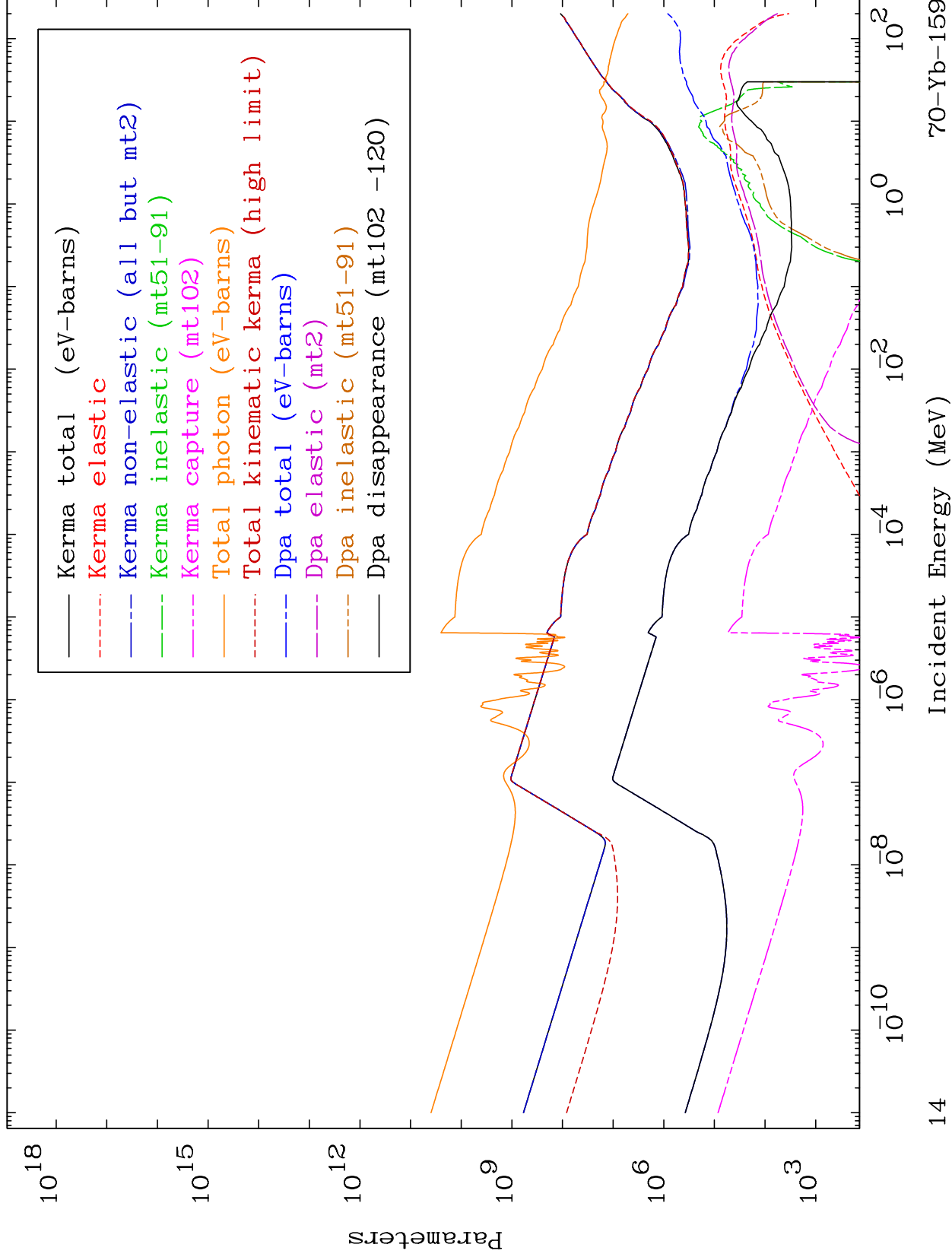


MAT 6998

(n,α) Levels
293 Kelvin Cross Sections

70-Yb-159

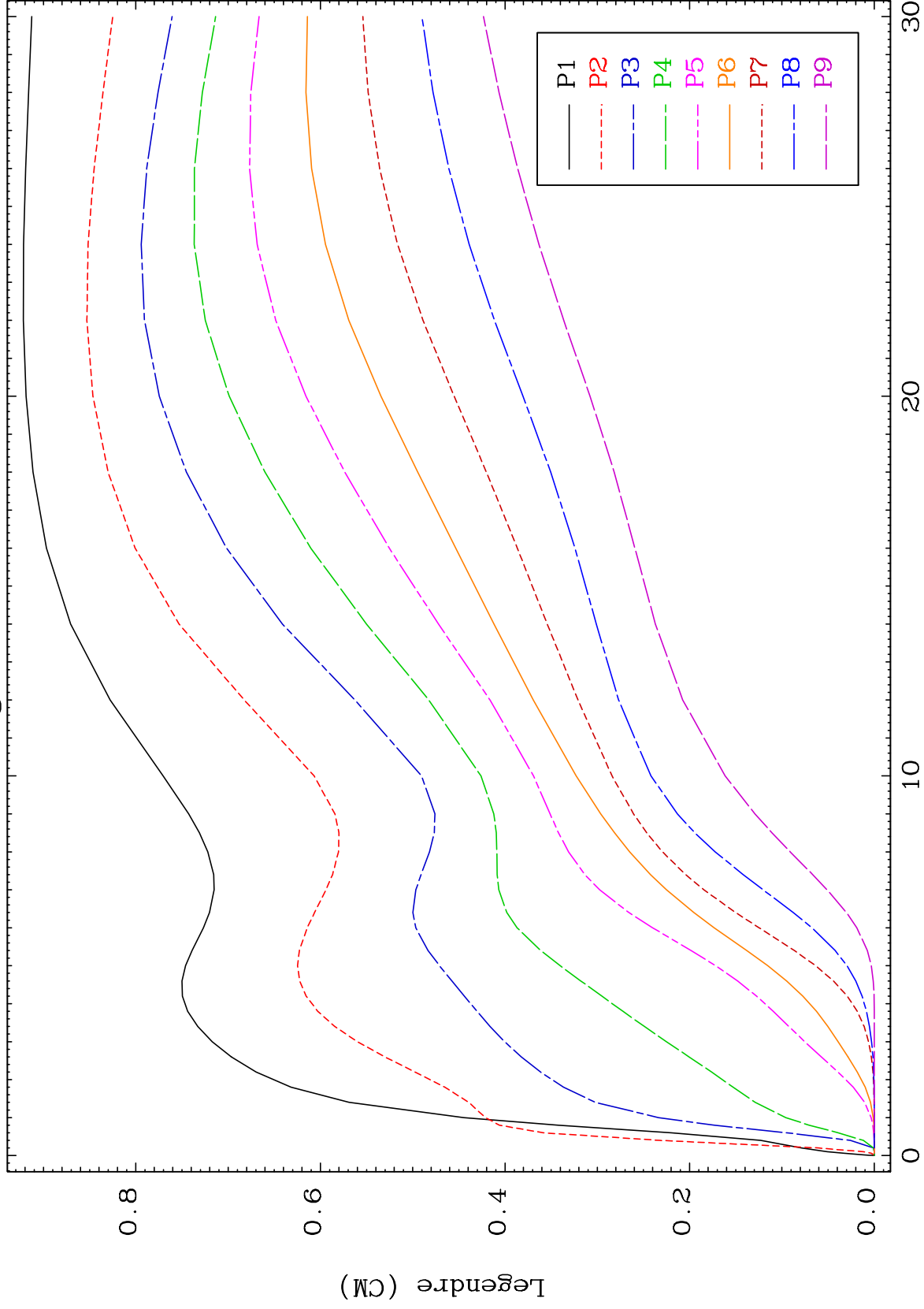




MAT 6998

Elastic Legendre Coefficients

70-Yb-159



15

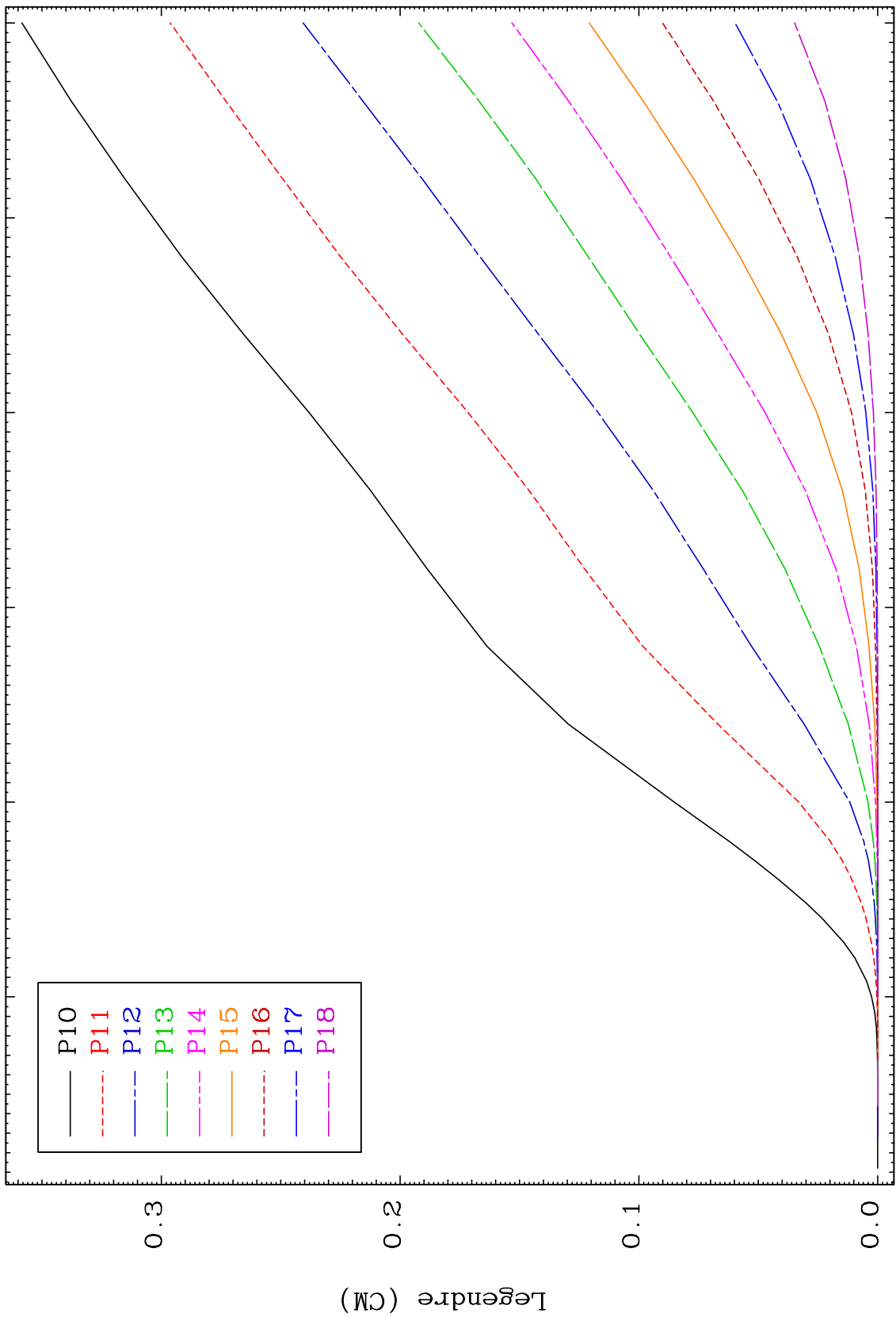
Incident Energy (MeV)

70-Yb-159

MAT 6998

Elastic
Legendre Coefficients

70-Yb-159



16

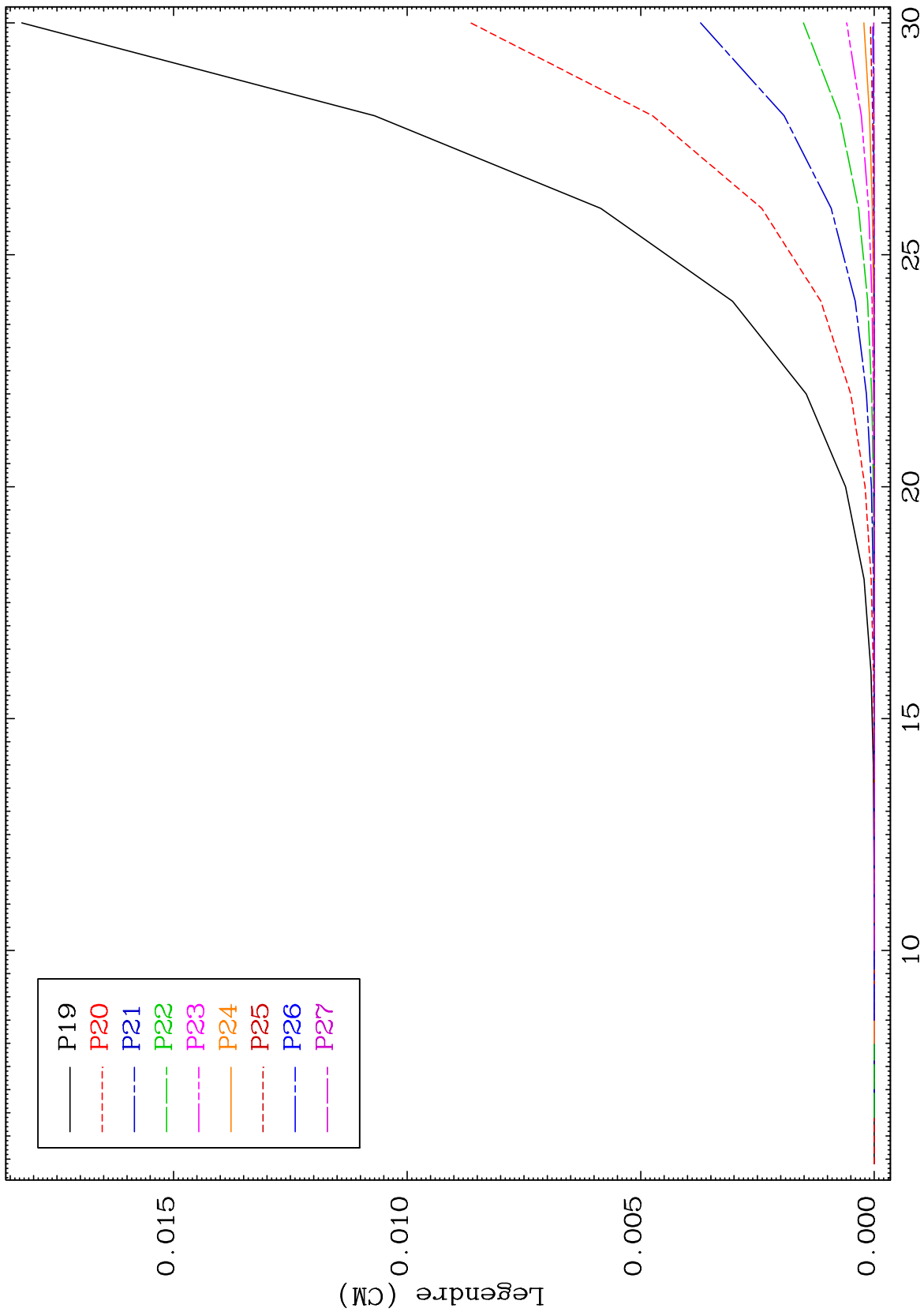
Incident Energy (MeV)

70-Yb-159

MAT 6998

Elastic Legendre Coefficients

70-Yb-159



17

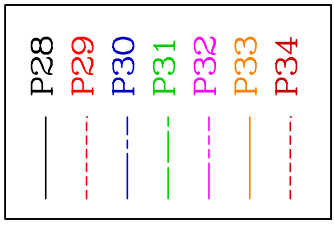
Incident Energy (MeV)

70-Yb-159

MAT 6998

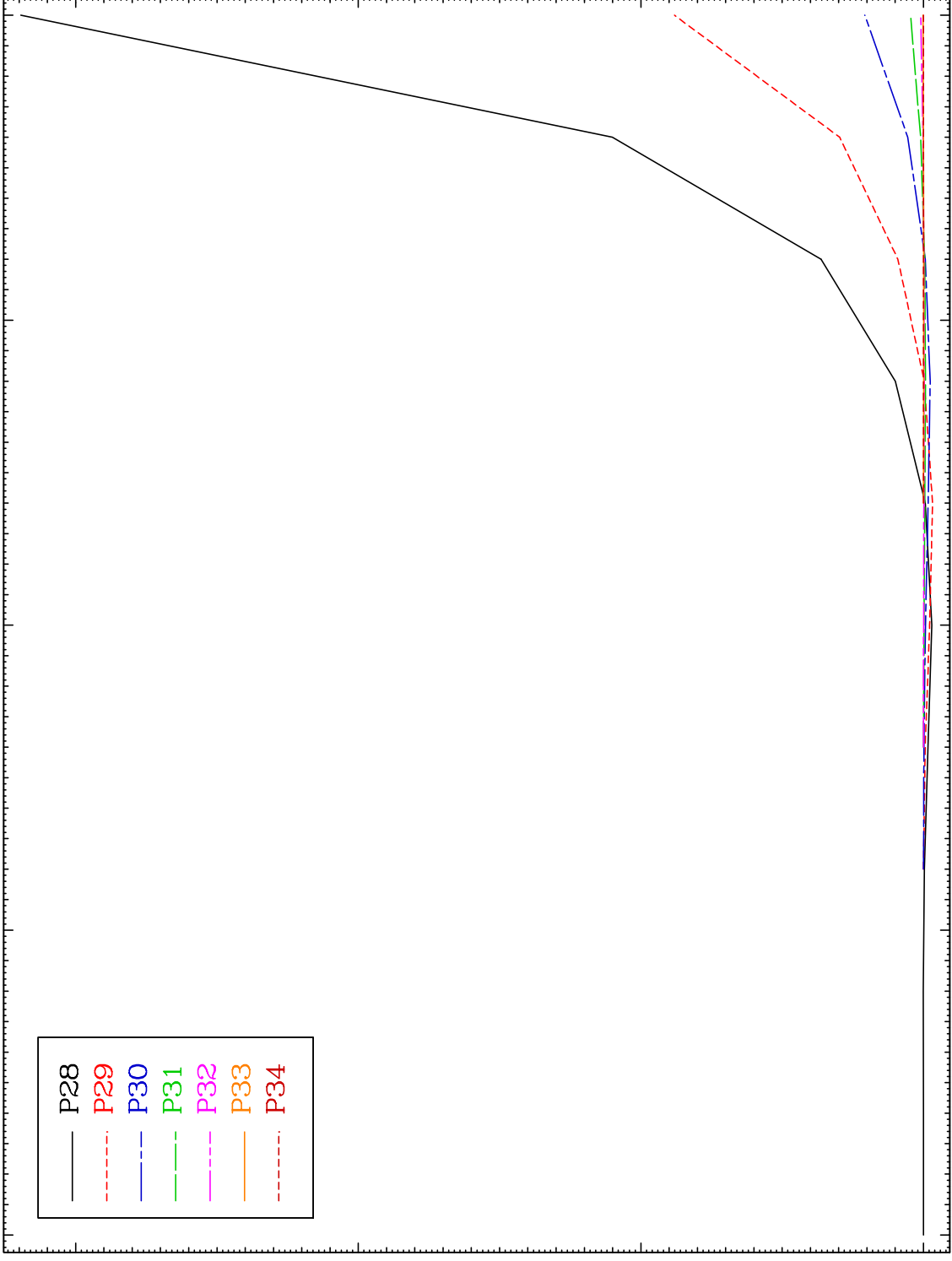
Elastic Legendre Coefficients

70-Yb-159



$\times 10^{-6}$

Legendre (CM)



30

25

20

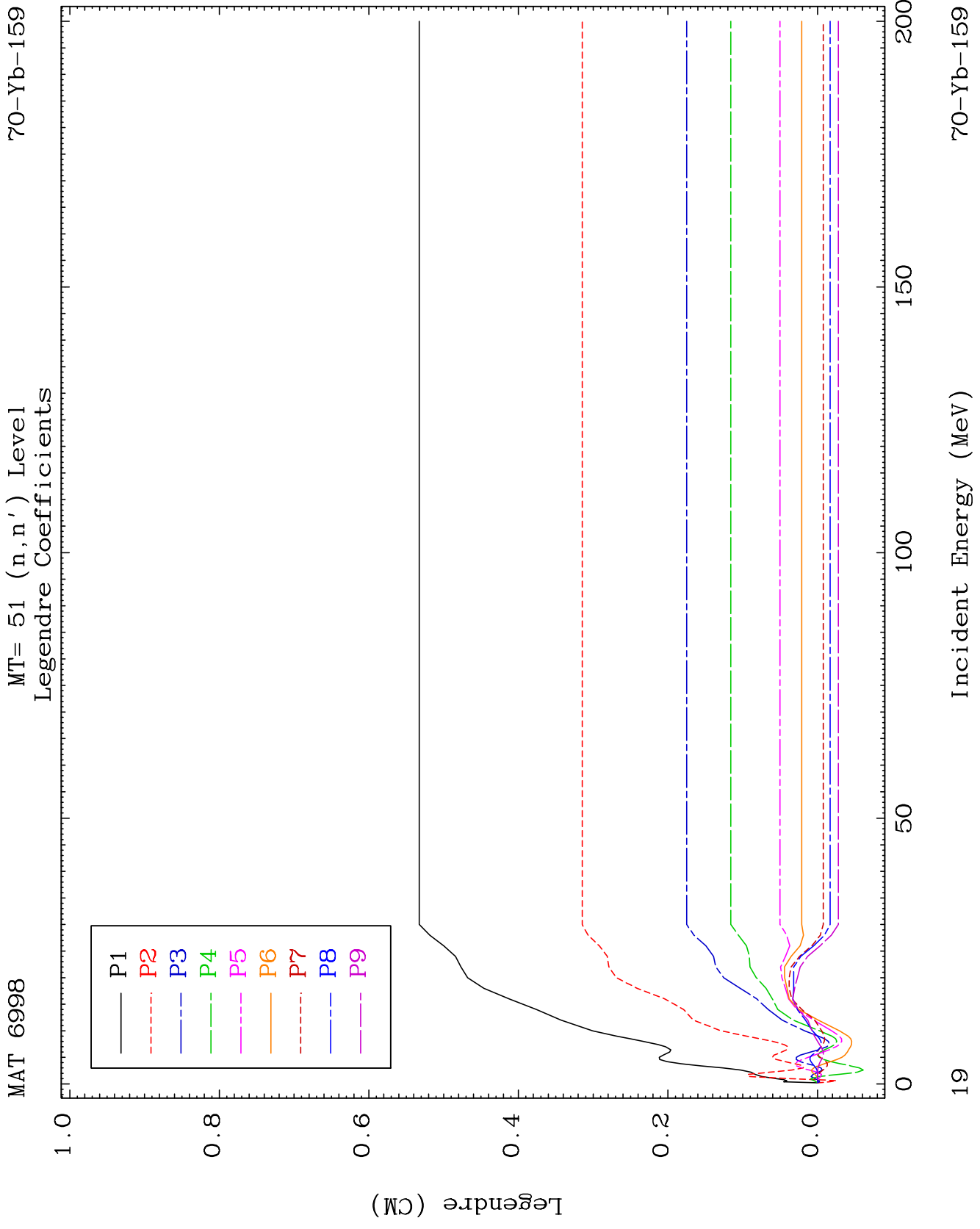
15

10

Incident Energy (MeV)

70-Yb-159

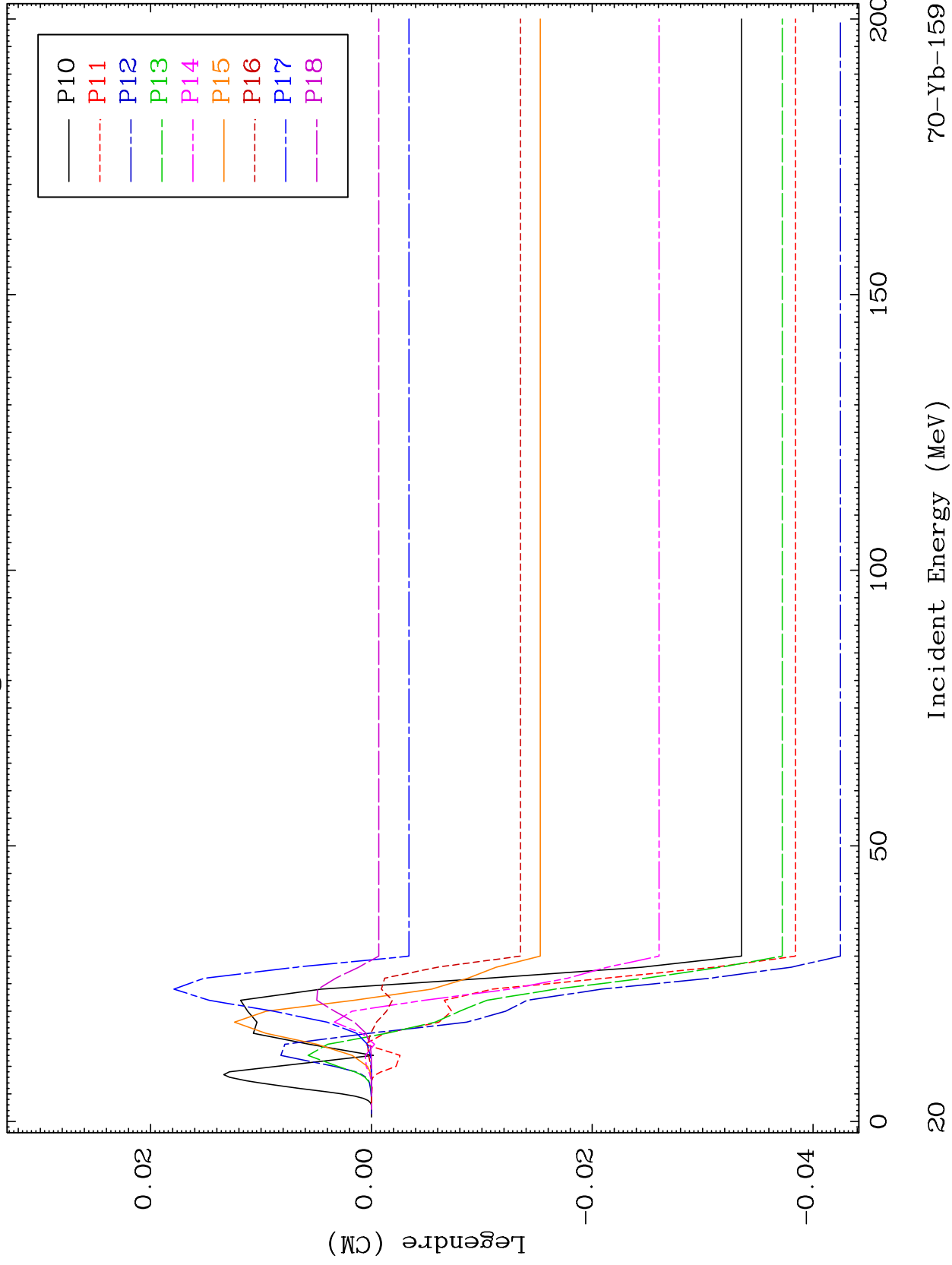
18



MAT 6998

MT= 51 (n,n') Level
Legendre Coefficients

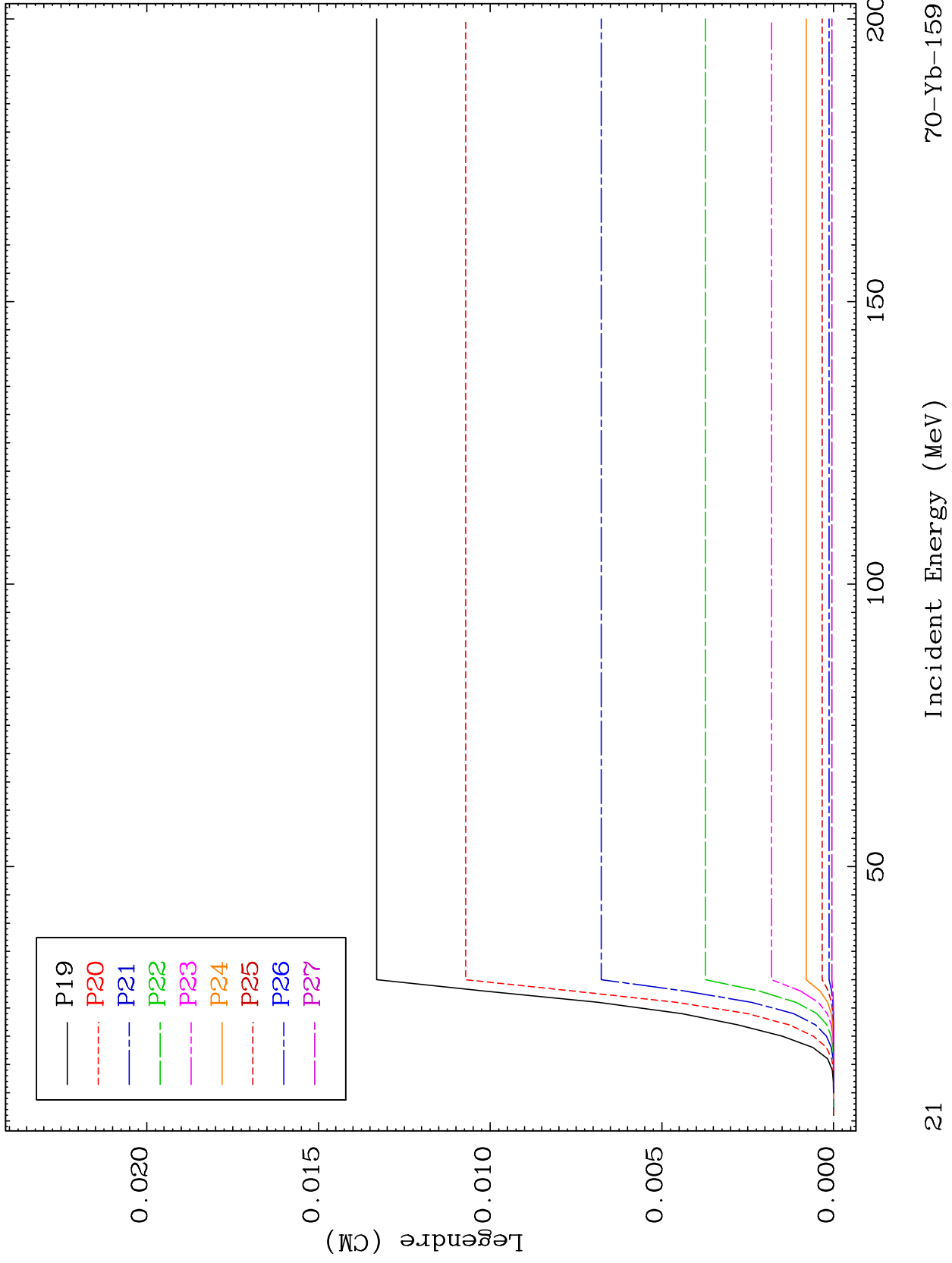
70-Yb-159



MAT 6998

MT= 51 (n,n') Level
Legendre Coefficients

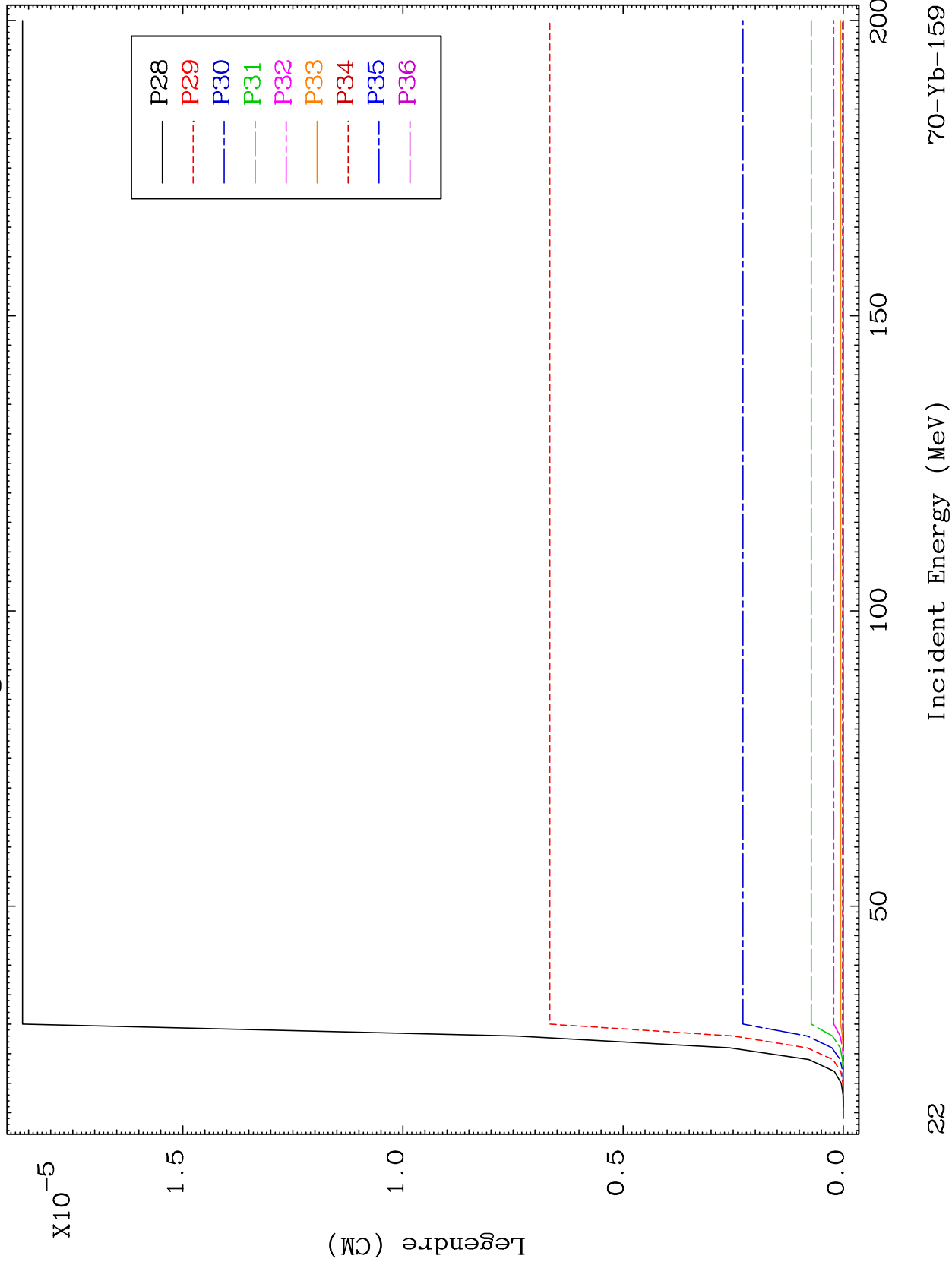
70-Yb-159



MAT 6998

MT= 51 (n,n') Level
Legendre Coefficients

70-Yb-159



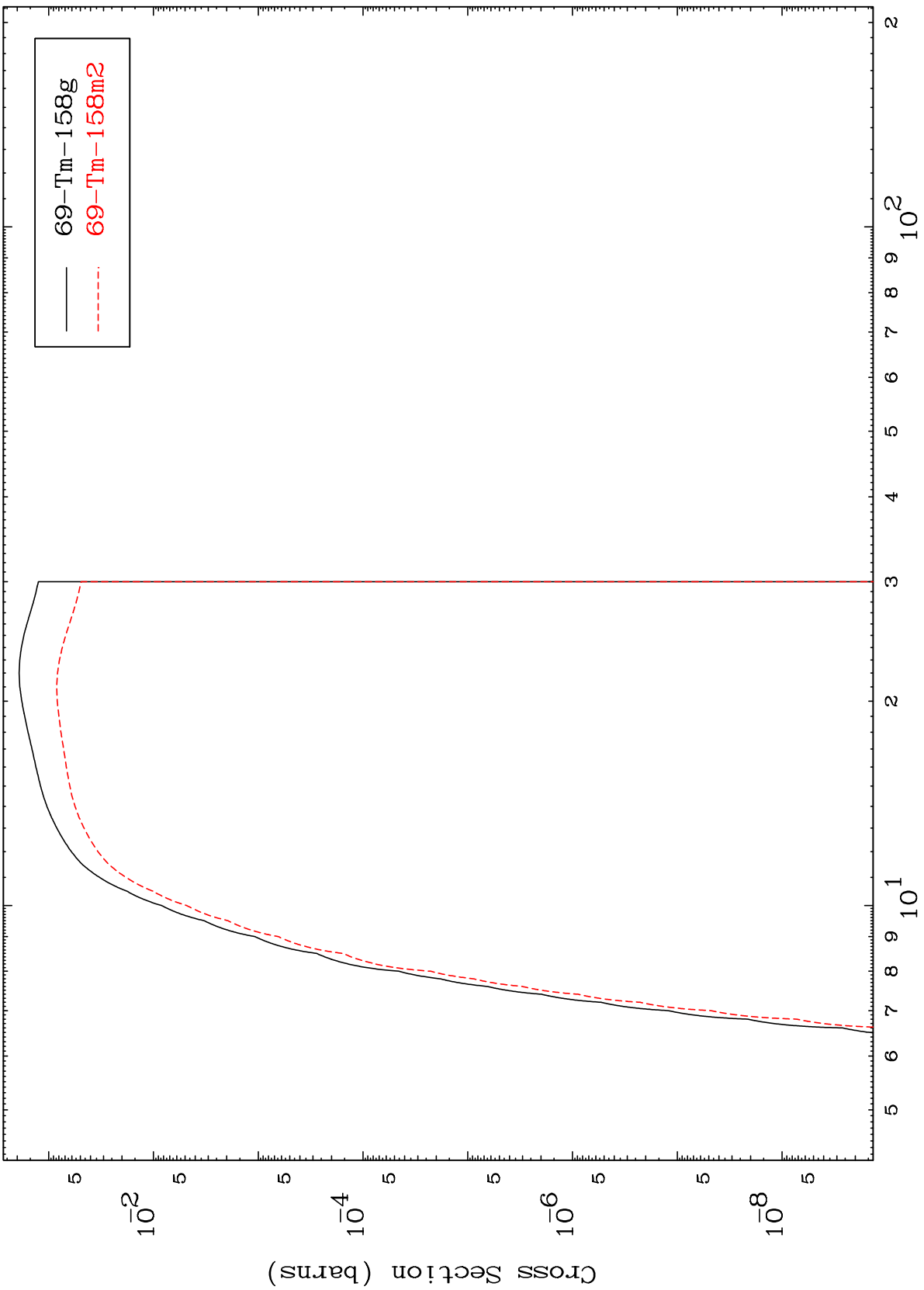
22

MAT 6998

(n,n') p

70-Yb-159

Radionuclide Production Cross Section



23

Incident Energy (MeV)

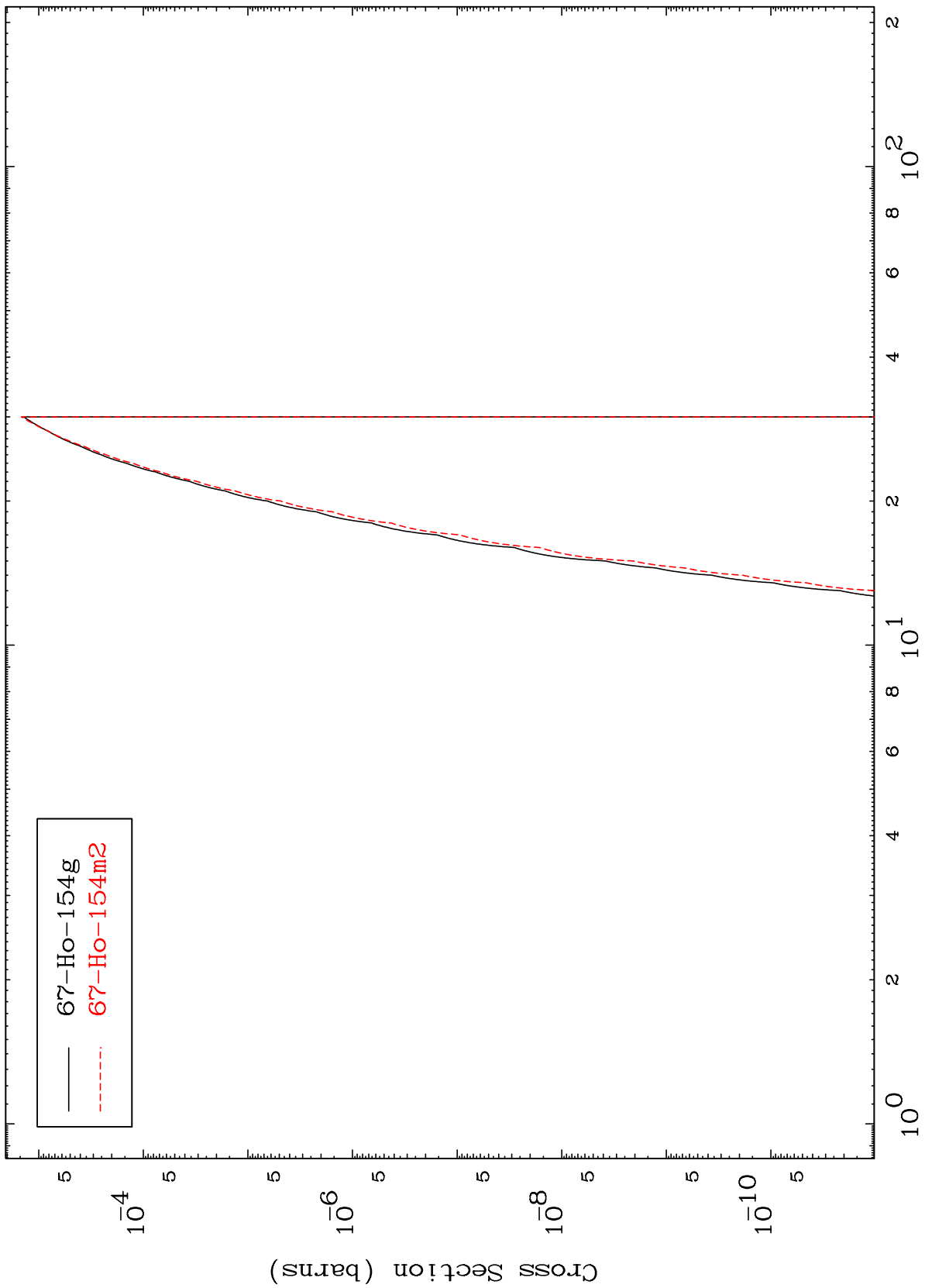
70-Yb-159

MAT 6998

(n,n') p α

70-Yb-159

Radionuclide Production Cross Section



24

Incident Energy (MeV)

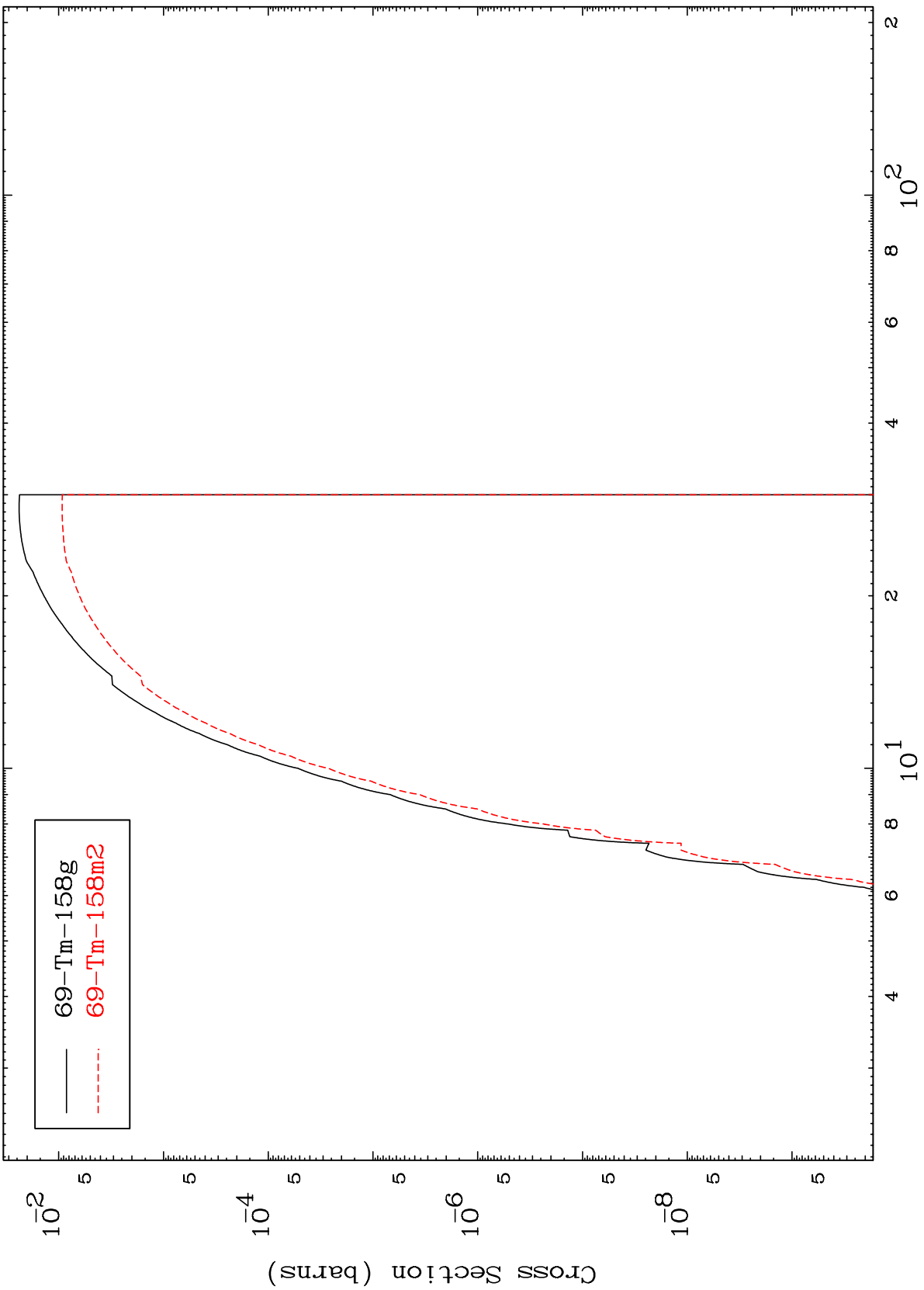
70-Yb-159

MAT 6998

(n,d)

70-Yb-159

Radionuclide Production Cross Section



— 69-Tm-158g
- - - 69-Tm-158m2

MAT 6998

(n,d) α

70-Yb-159

Radionuclide Production Cross Section

