

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

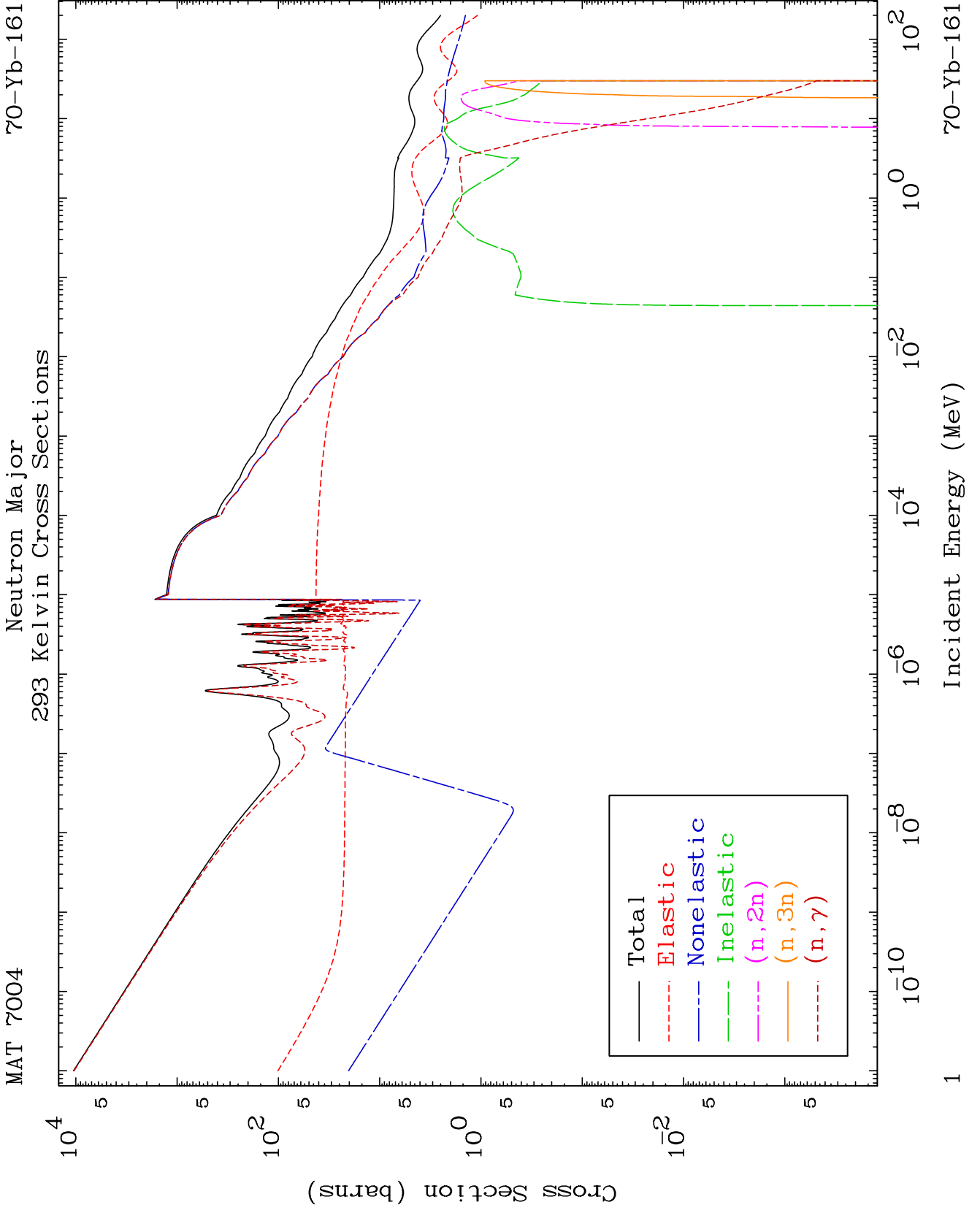
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Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

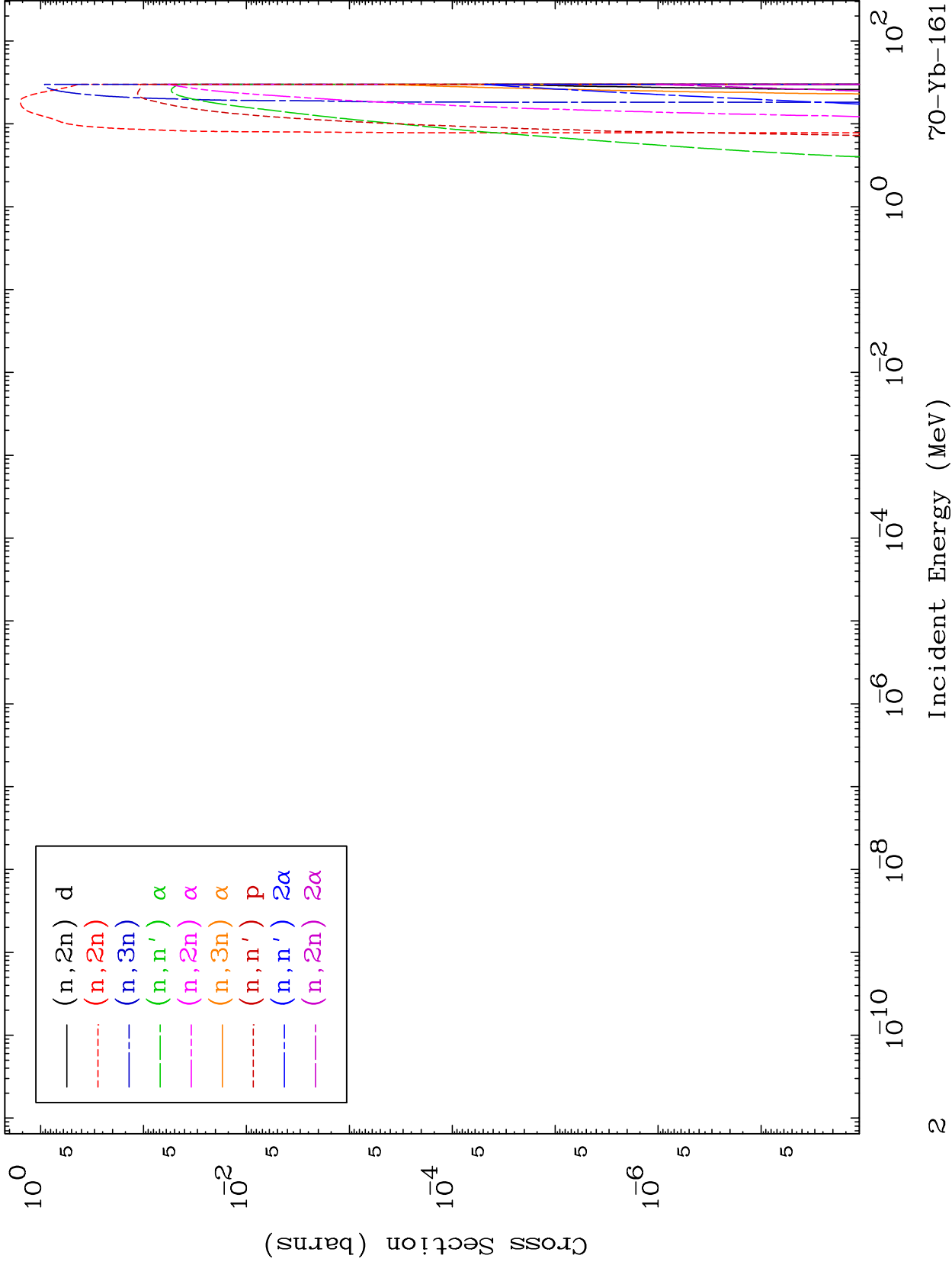
Press Mouse Button to Start



MAT 7004

Neutron Absorption
293 Kelvin Cross Sections

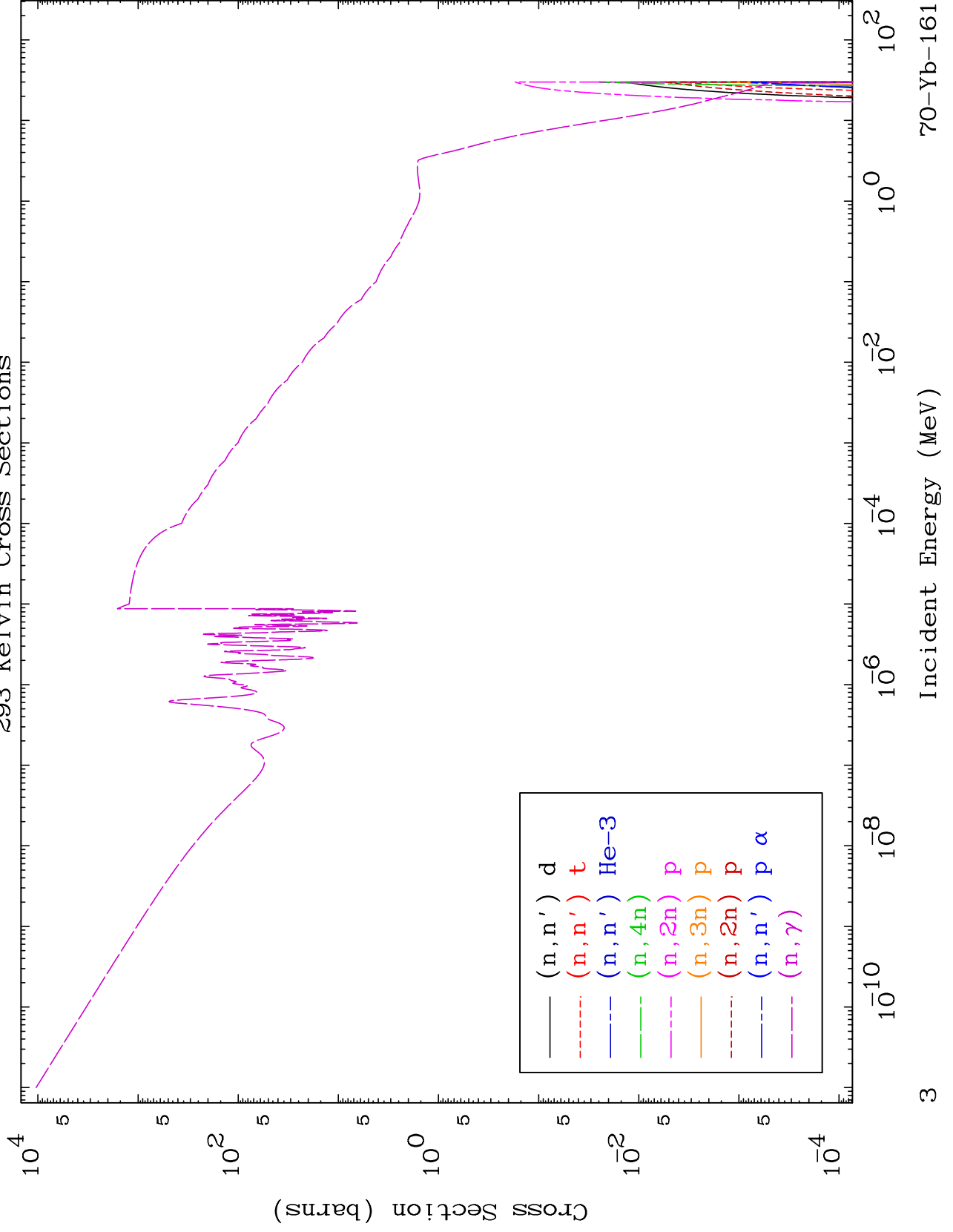
70-Yb-161



MAT 7004

Neutron Absorption
293 Kelvin Cross Sections

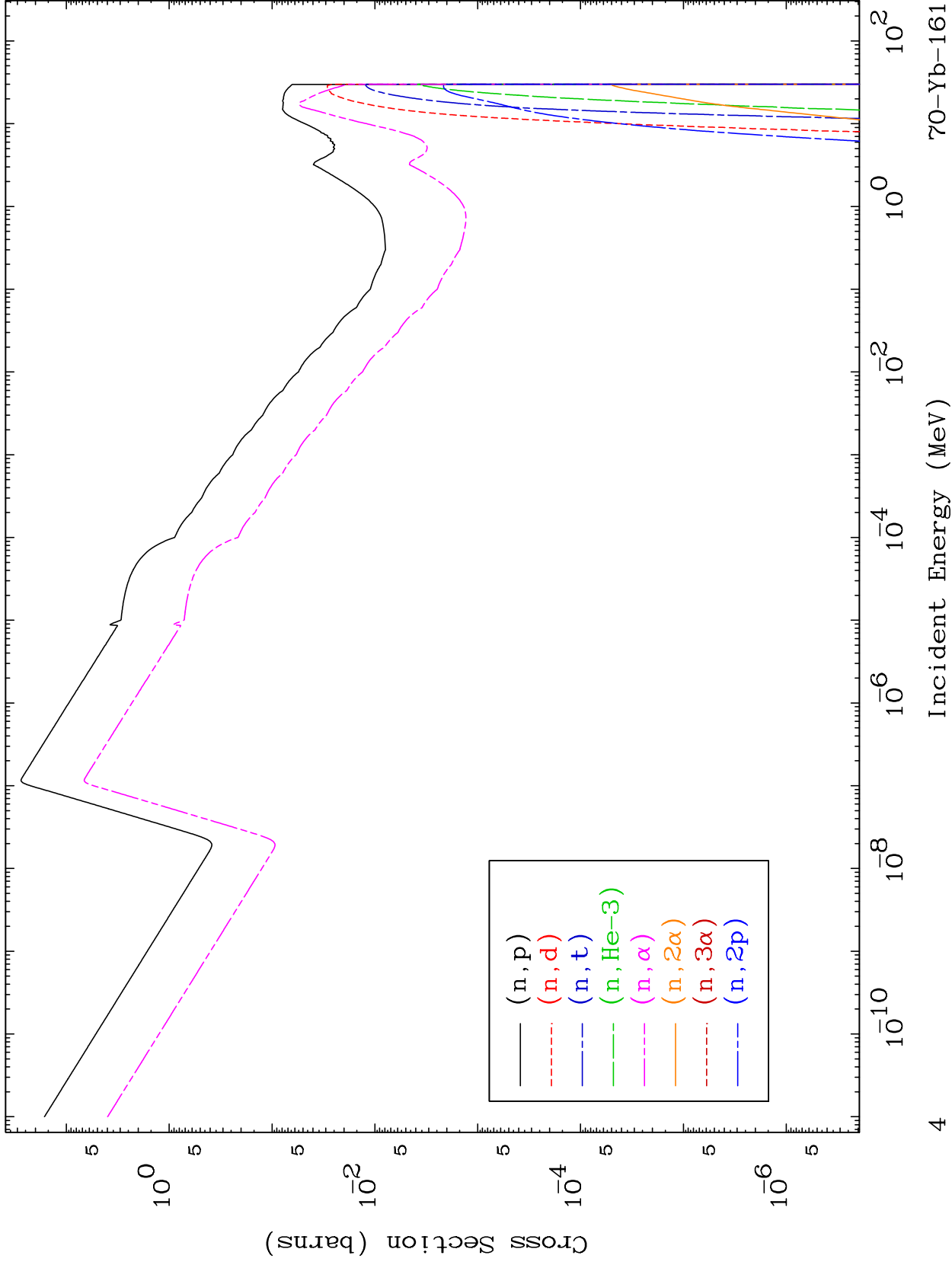
70-Yb-161



MAT 7004

Neutron Absorption
293 Kelvin Cross Sections

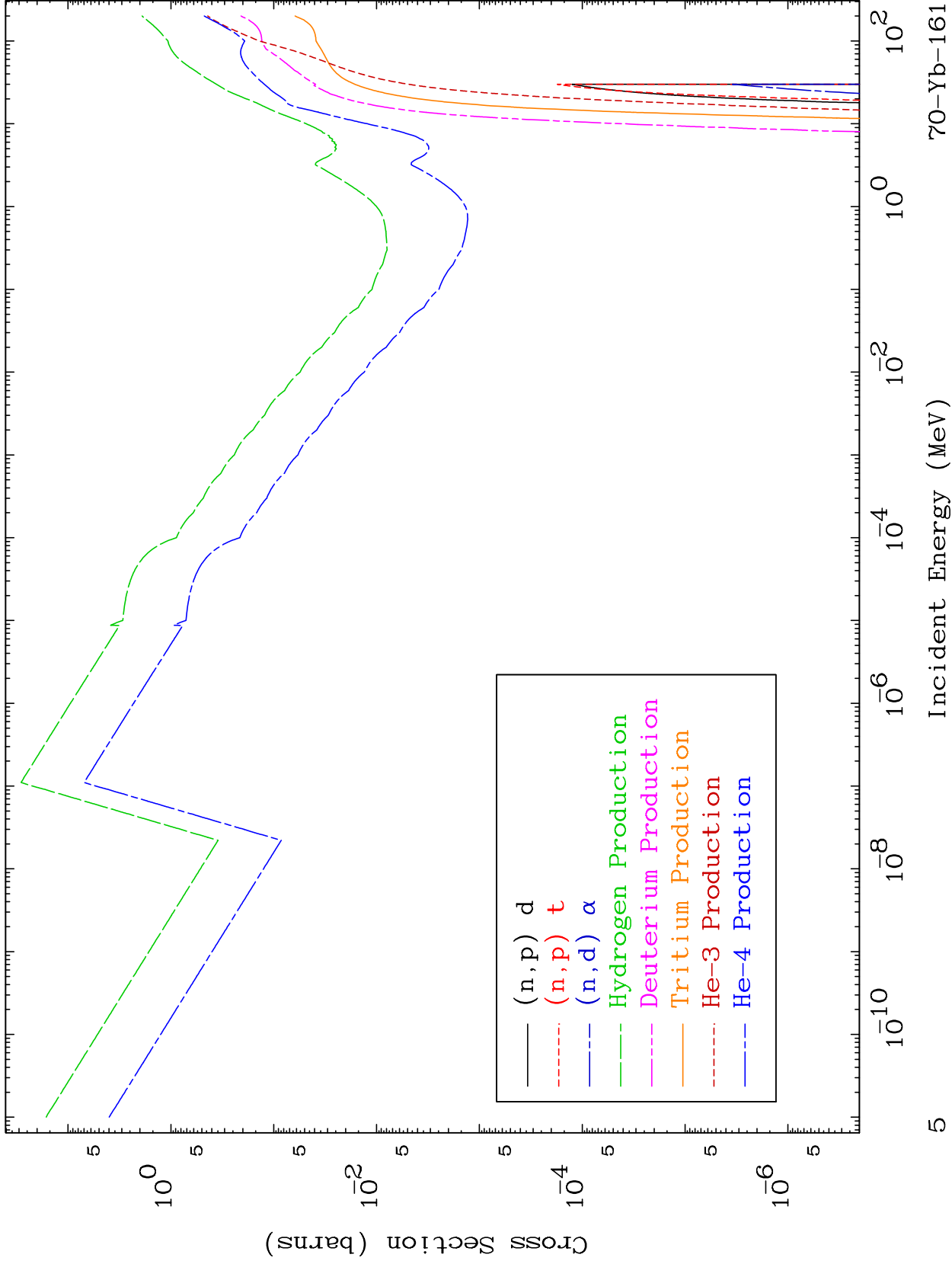
70-Yb-161



MAT 7004

Neutron Absorption
293 Kelvin Cross Sections

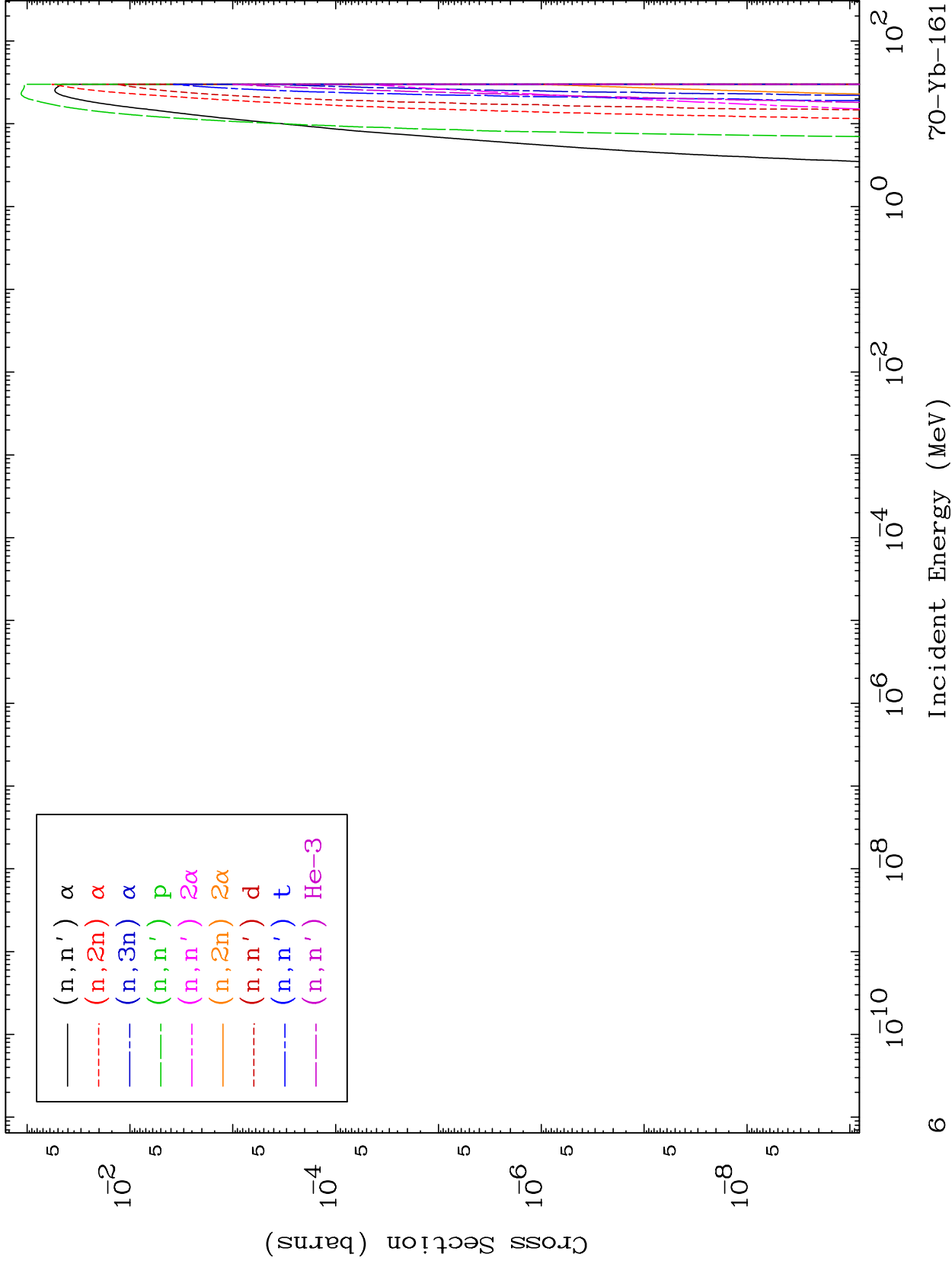
70-Yb-161



MAT 7004

Charged Particle
293 Kelvin Cross Sections

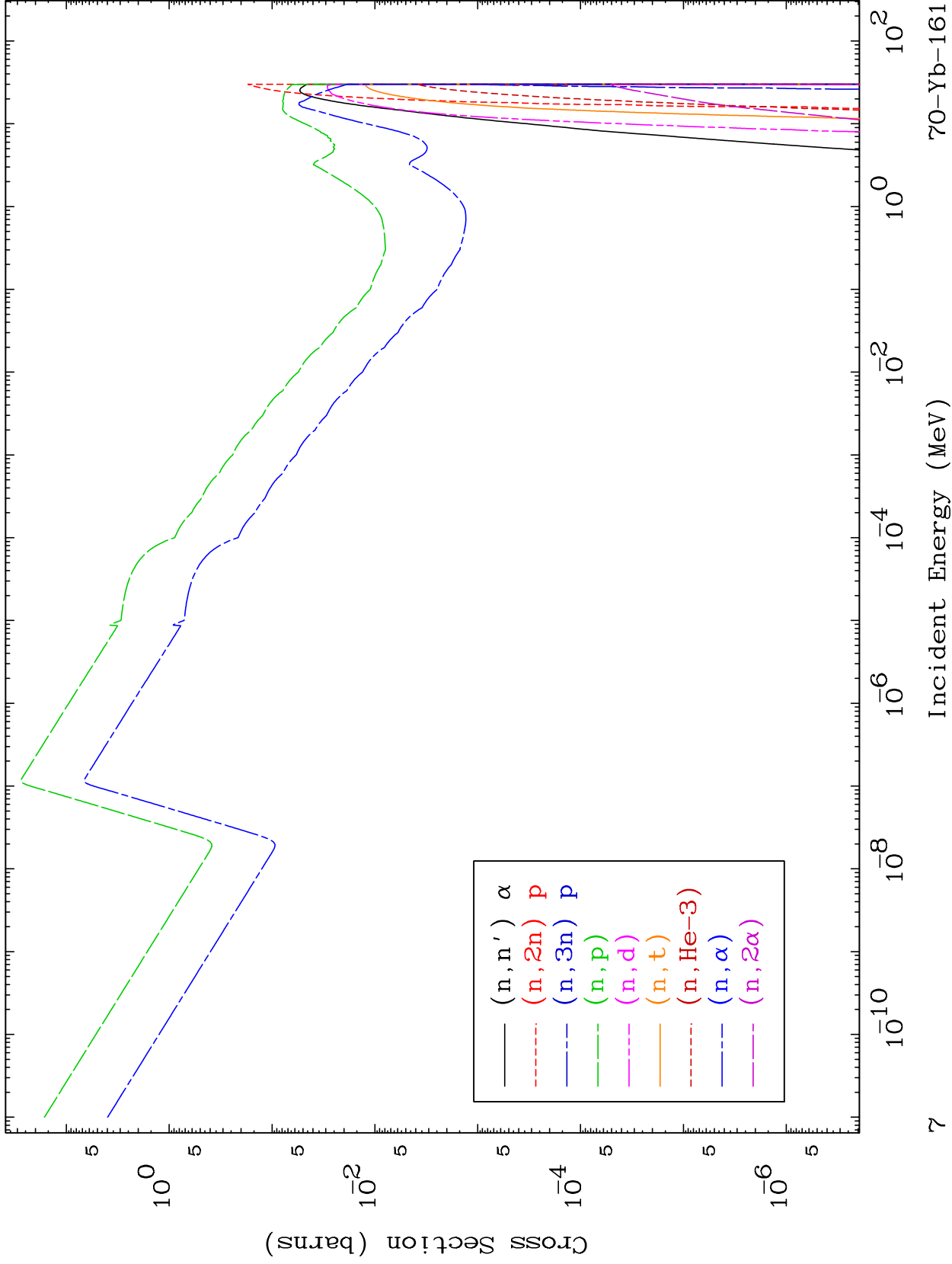
70-Yb-161



MAT 7004

Charged Particle
293 Kelvin Cross Sections

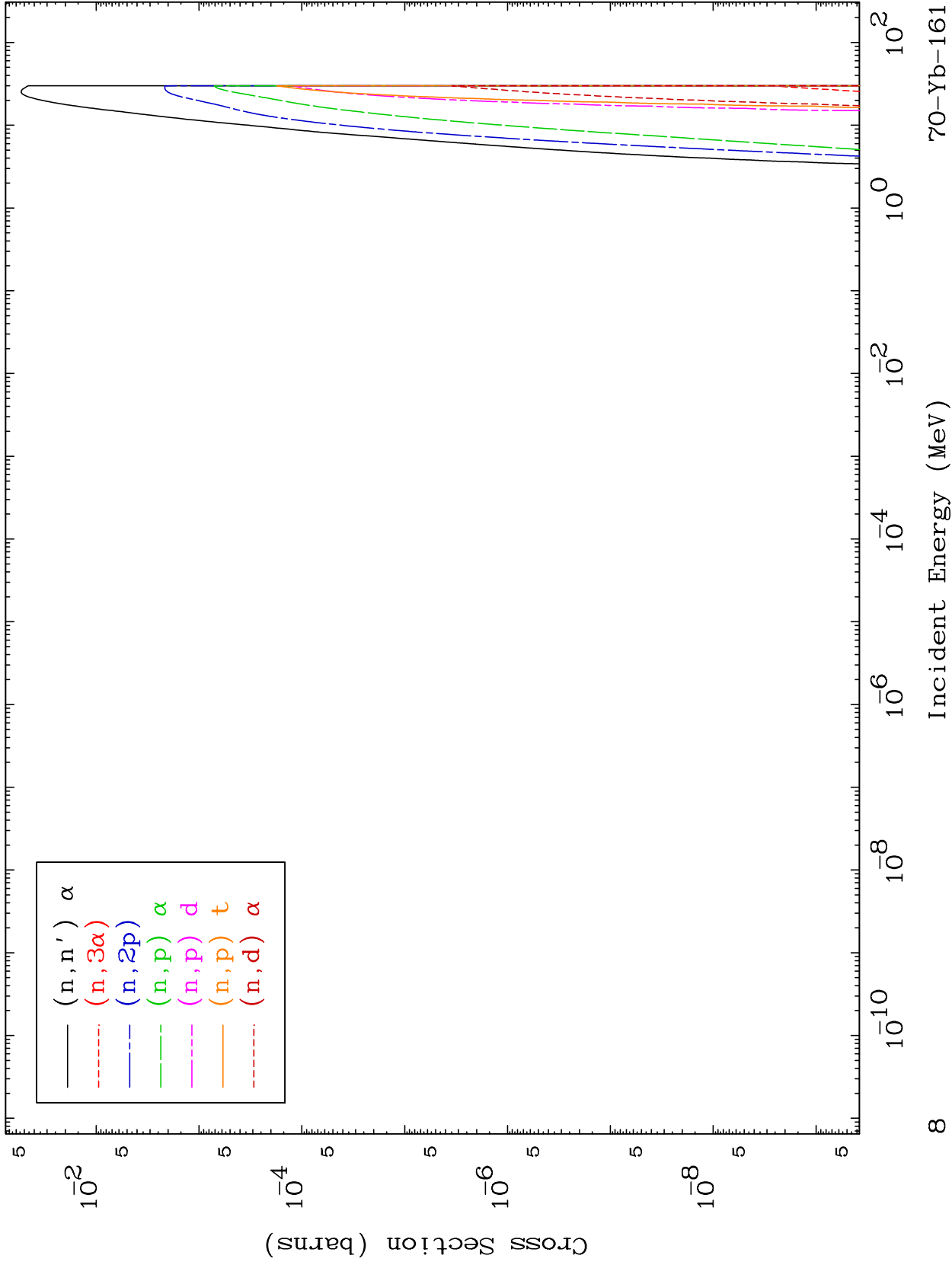
70-Yb-161



MAT 7004

Charged Particle
293 Kelvin Cross Sections

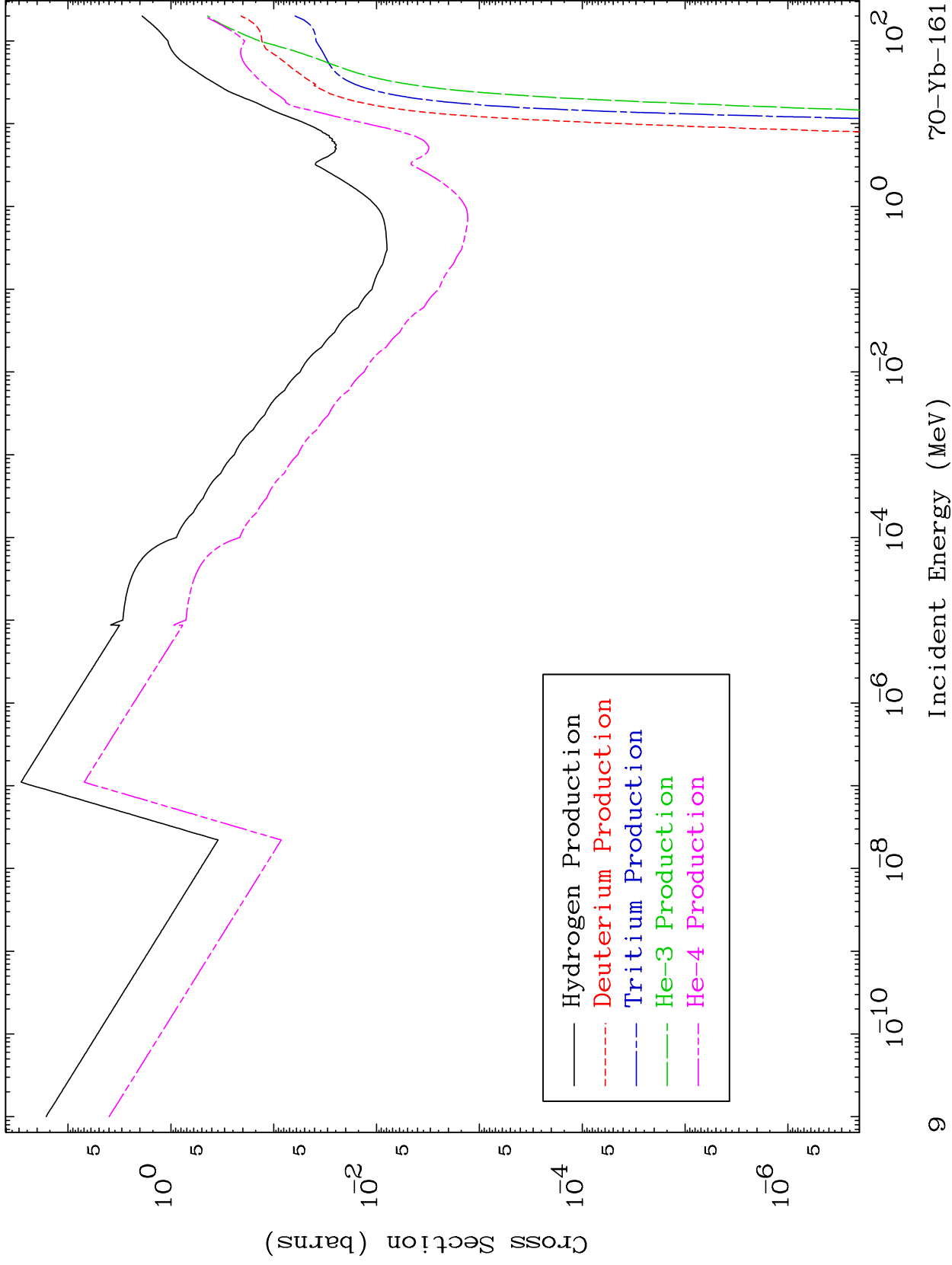
70-Yb-161



MAT 7004

Particle Production
293 Kelvin Cross Sections

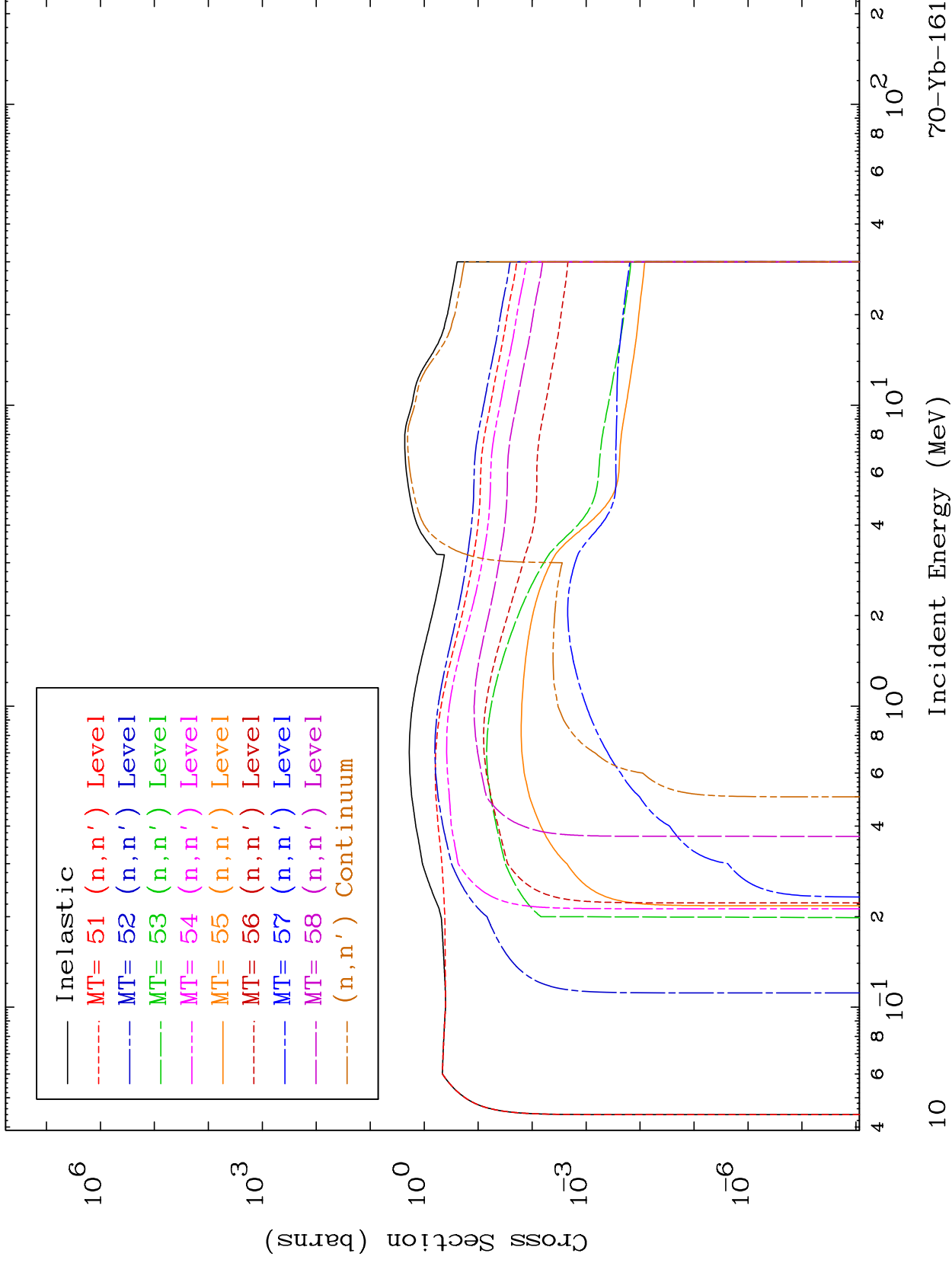
70-Yb-161



MAT 7004

(n,n') Levels
293 Kelvin Cross Sections

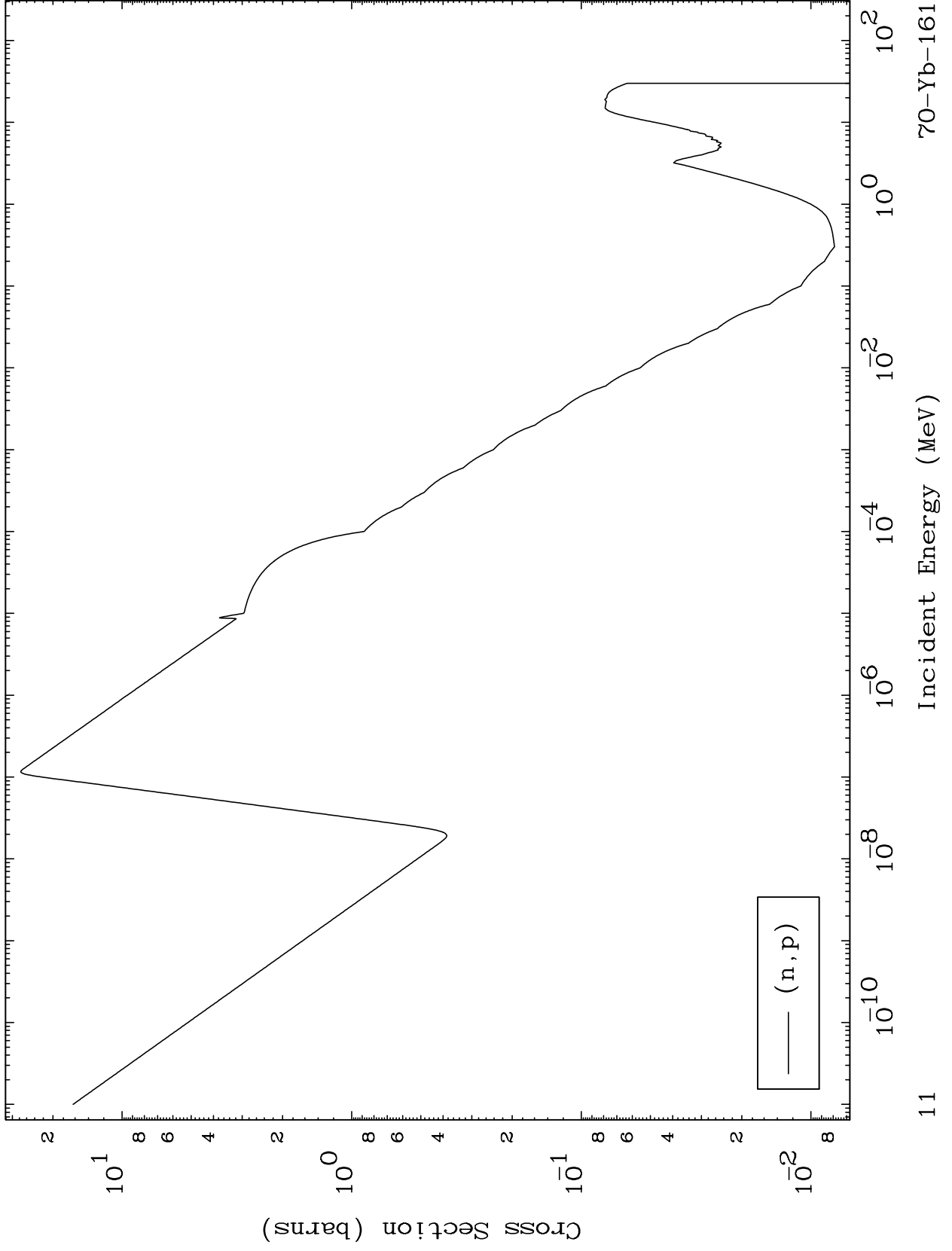
70-Yb-161



MAT 7004

(n,p) Levels
293 Kelvin Cross Sections

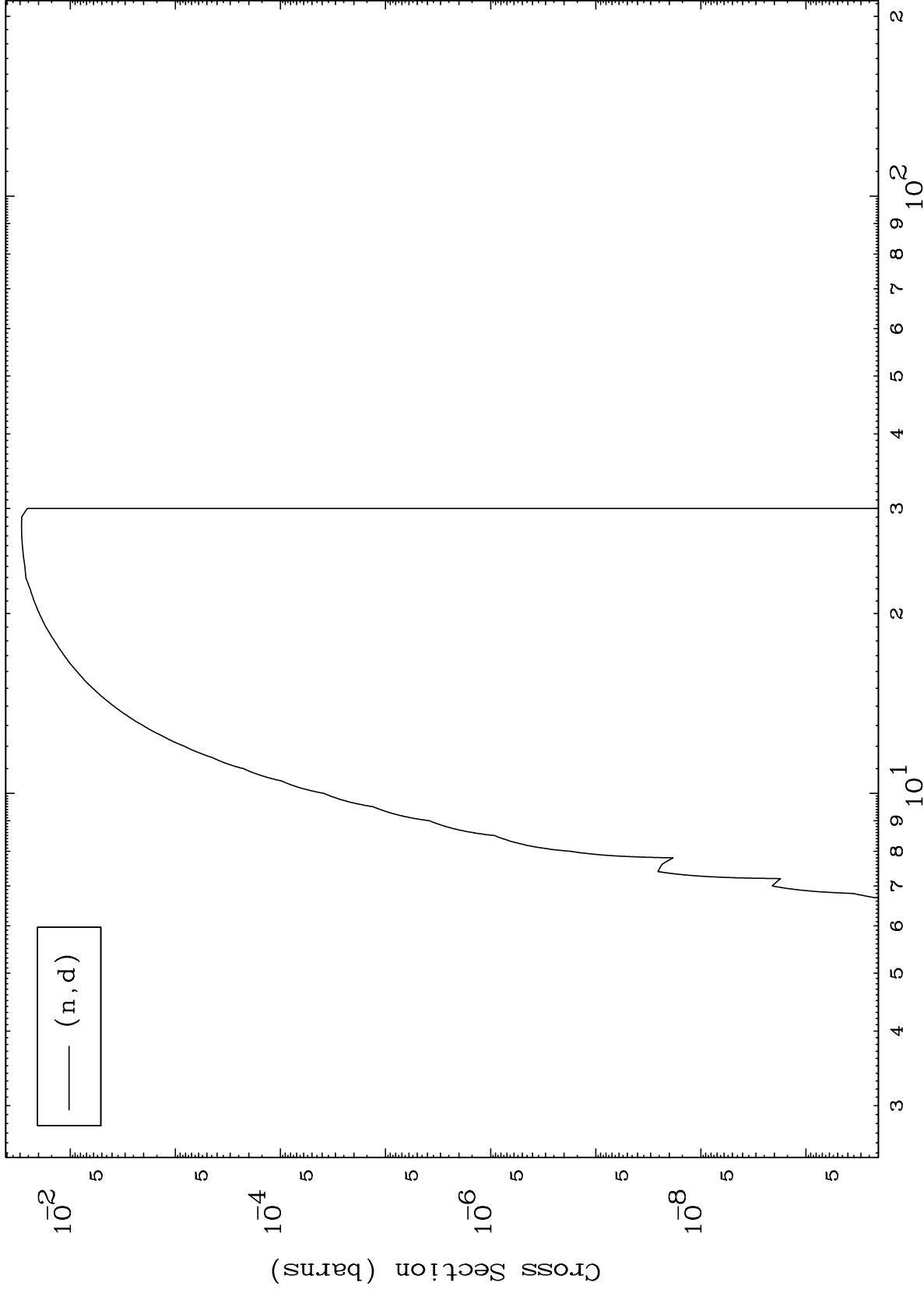
70-Yb-161



MAT 7004

(n,d) Levels
293 Kelvin Cross Sections

70-Yb-161



12

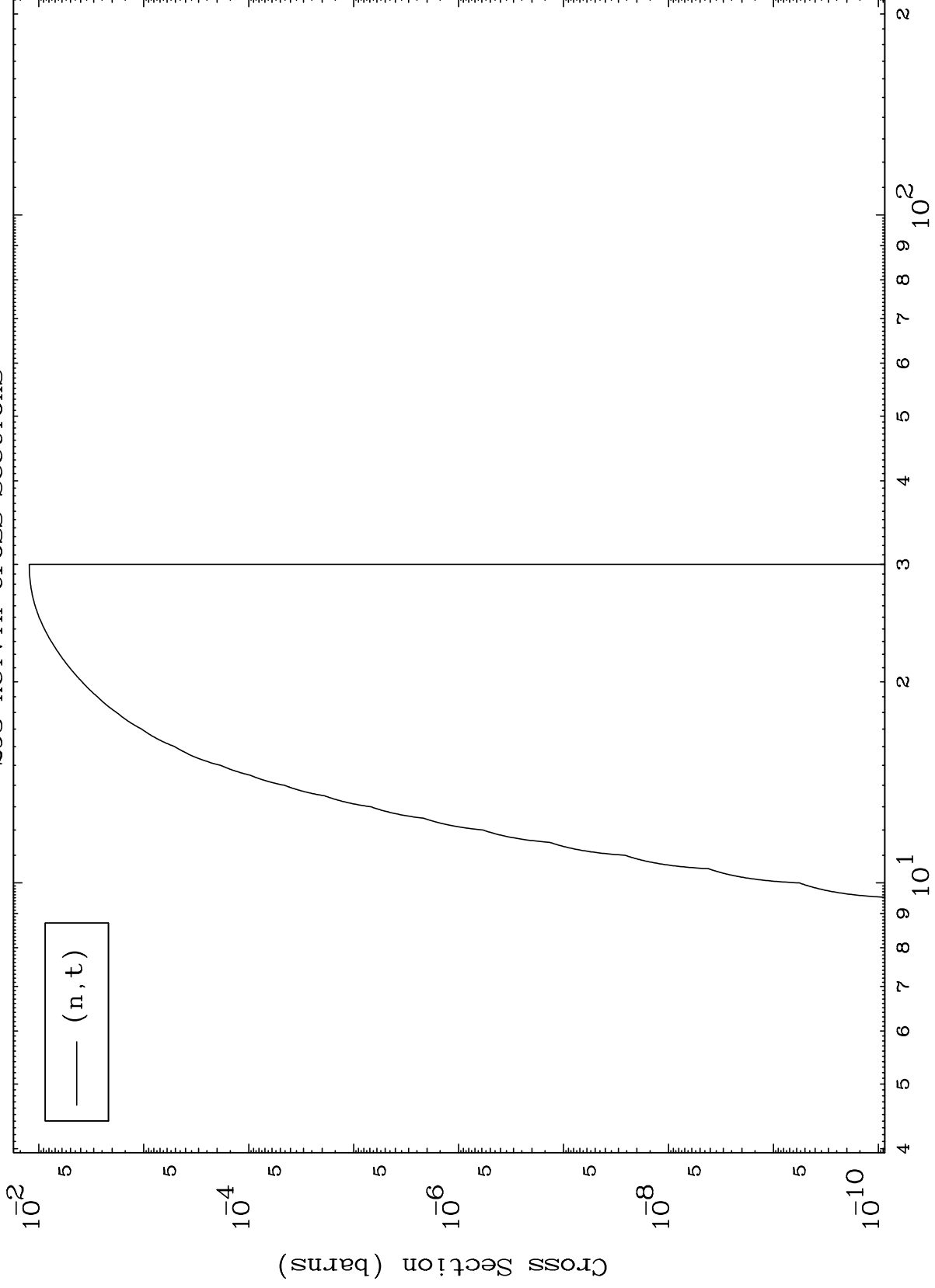
Incident Energy (MeV)

70-Yb-161

MAT 7004

(n,t) Levels
293 Kelvin Cross Sections

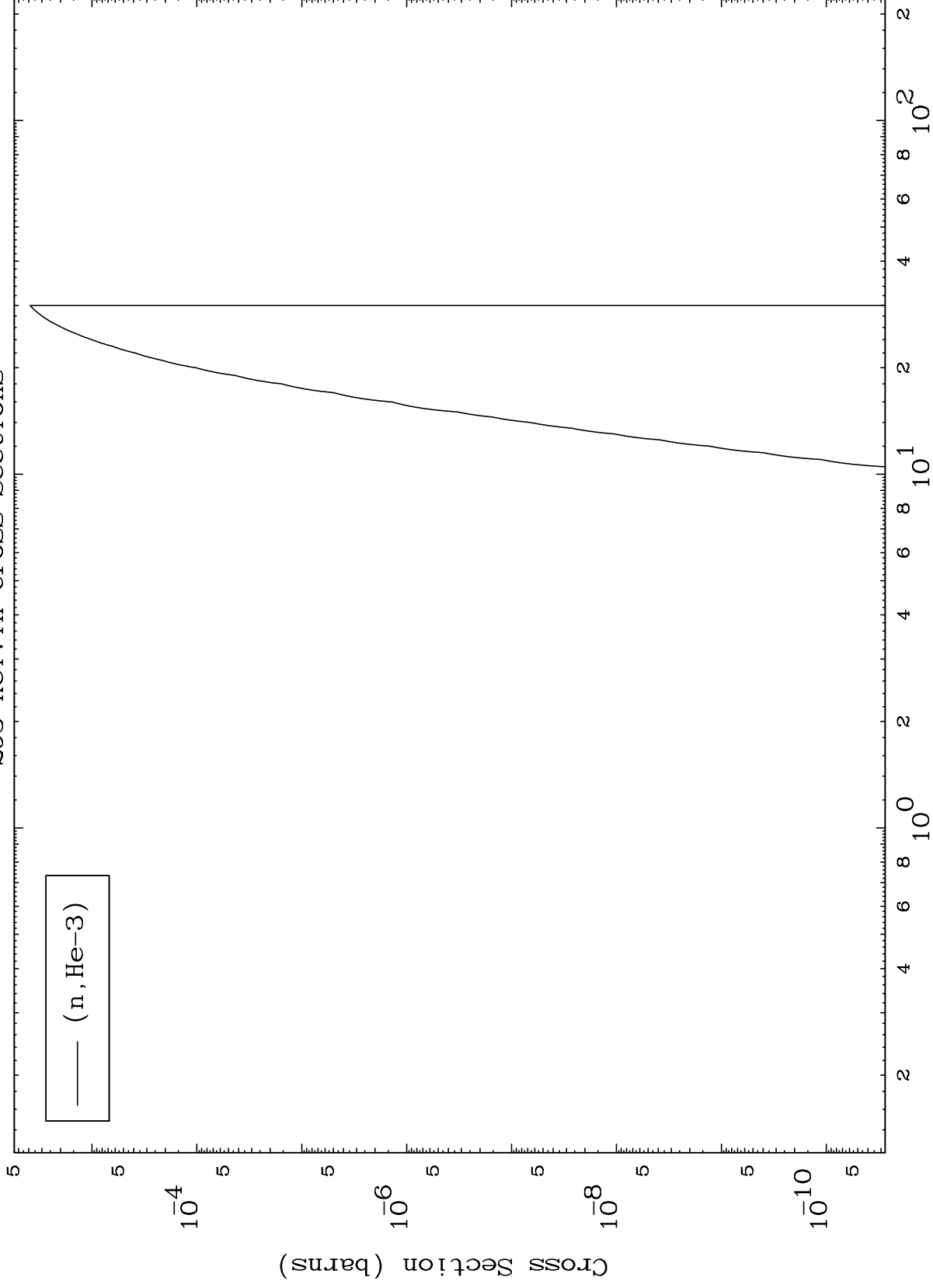
70-Yb-161



MAT 7004

(n,He3) Levels
293 Kelvin Cross Sections

70-Yb-161



14

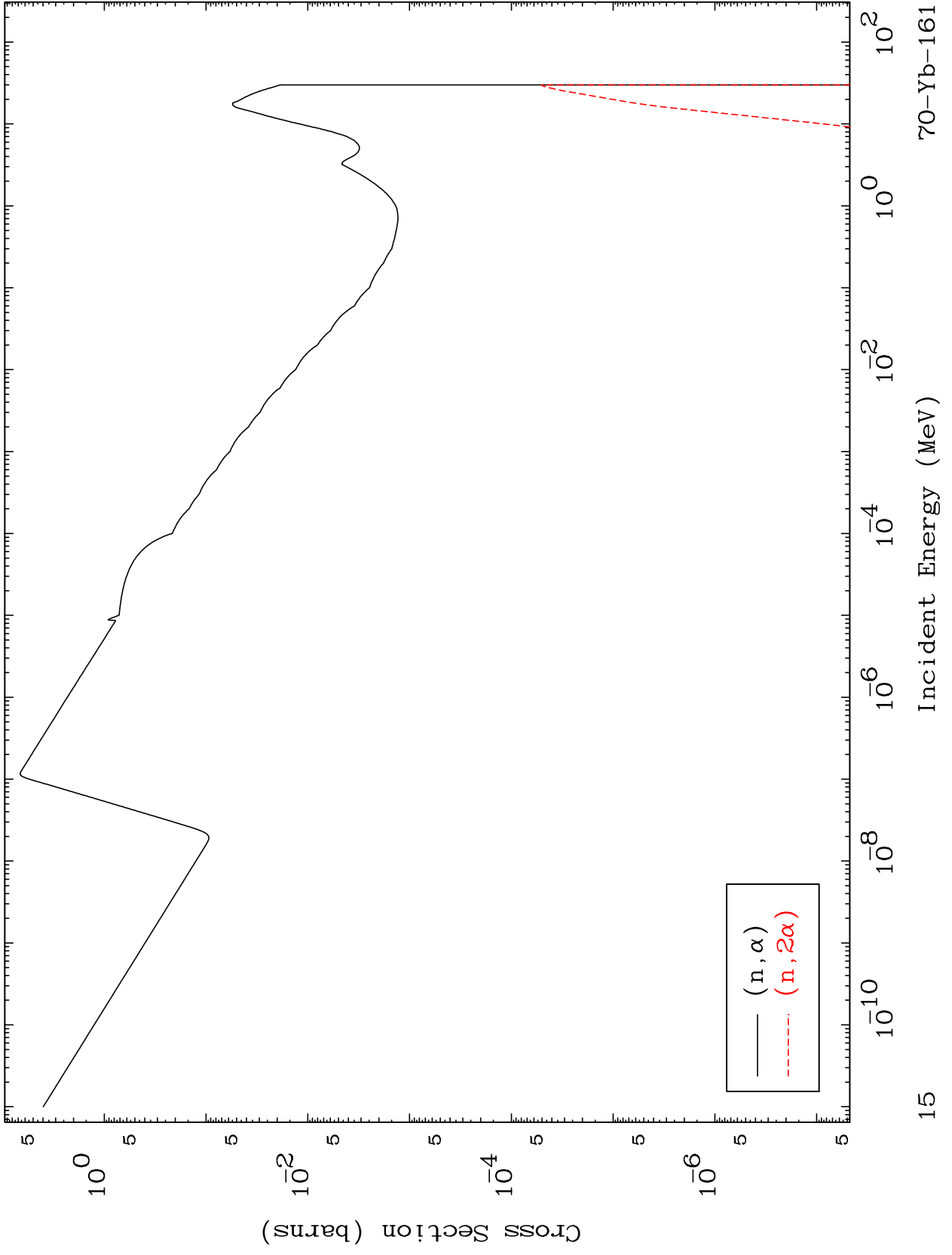
Incident Energy (MeV)

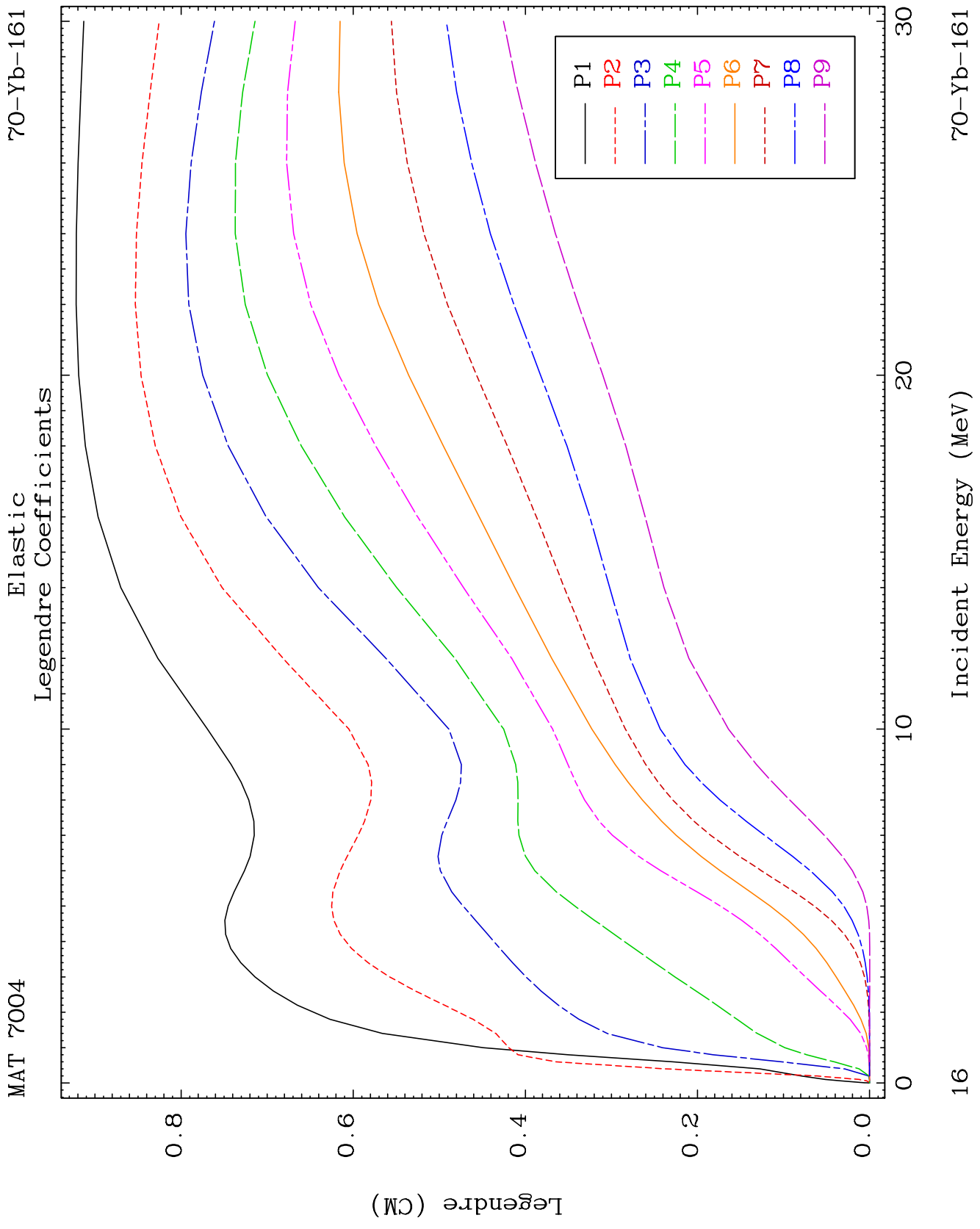
70-Yb-161

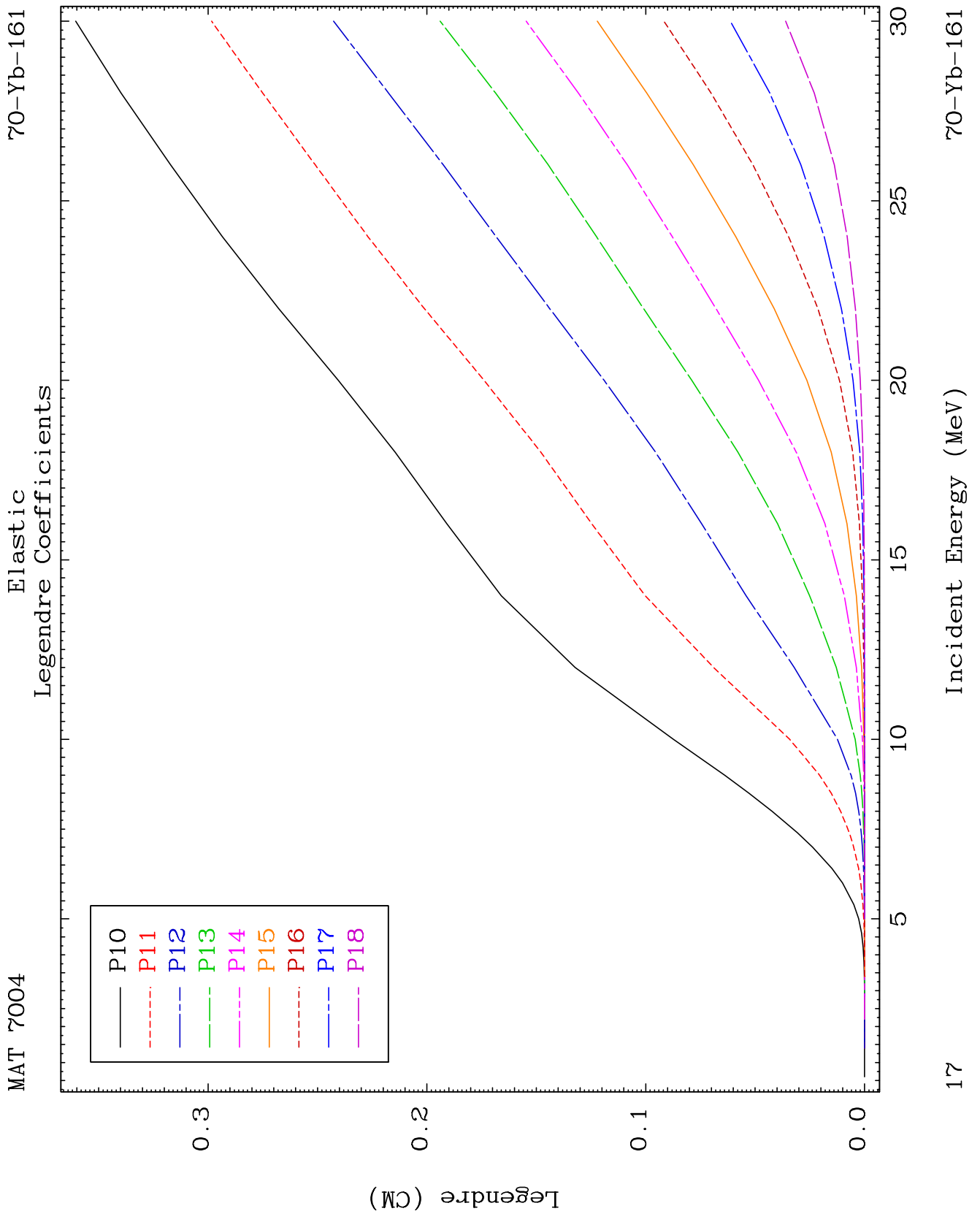
MAT 7004

(n,α) Levels
293 Kelvin Cross Sections

70-Yb-161



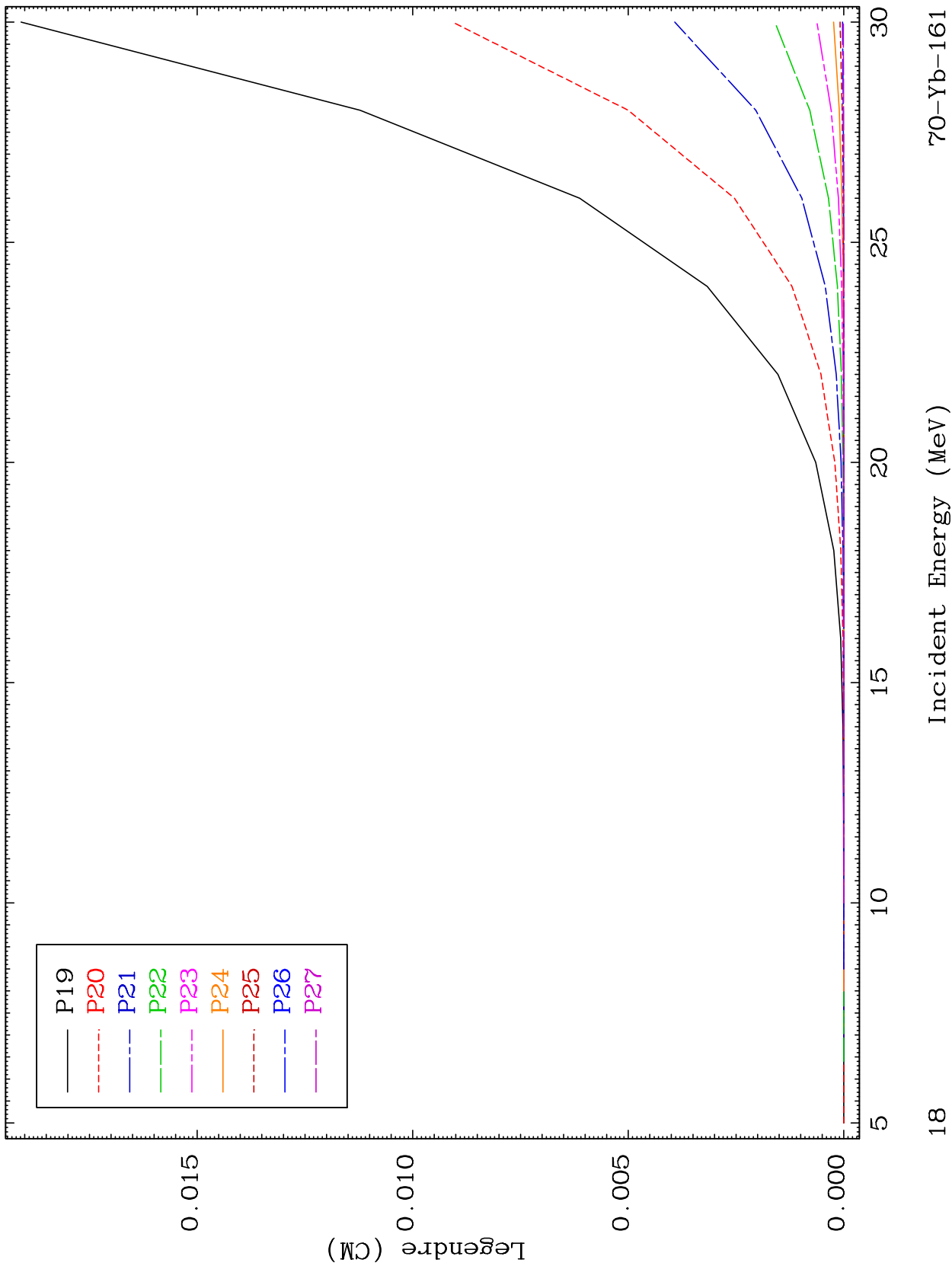




MAT 7004

Elastic
Legendre Coefficients

70-Yb-161



18

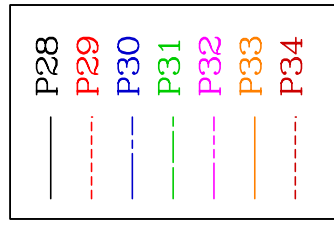
Incident Energy (MeV)

70-Yb-161

MAT 7004

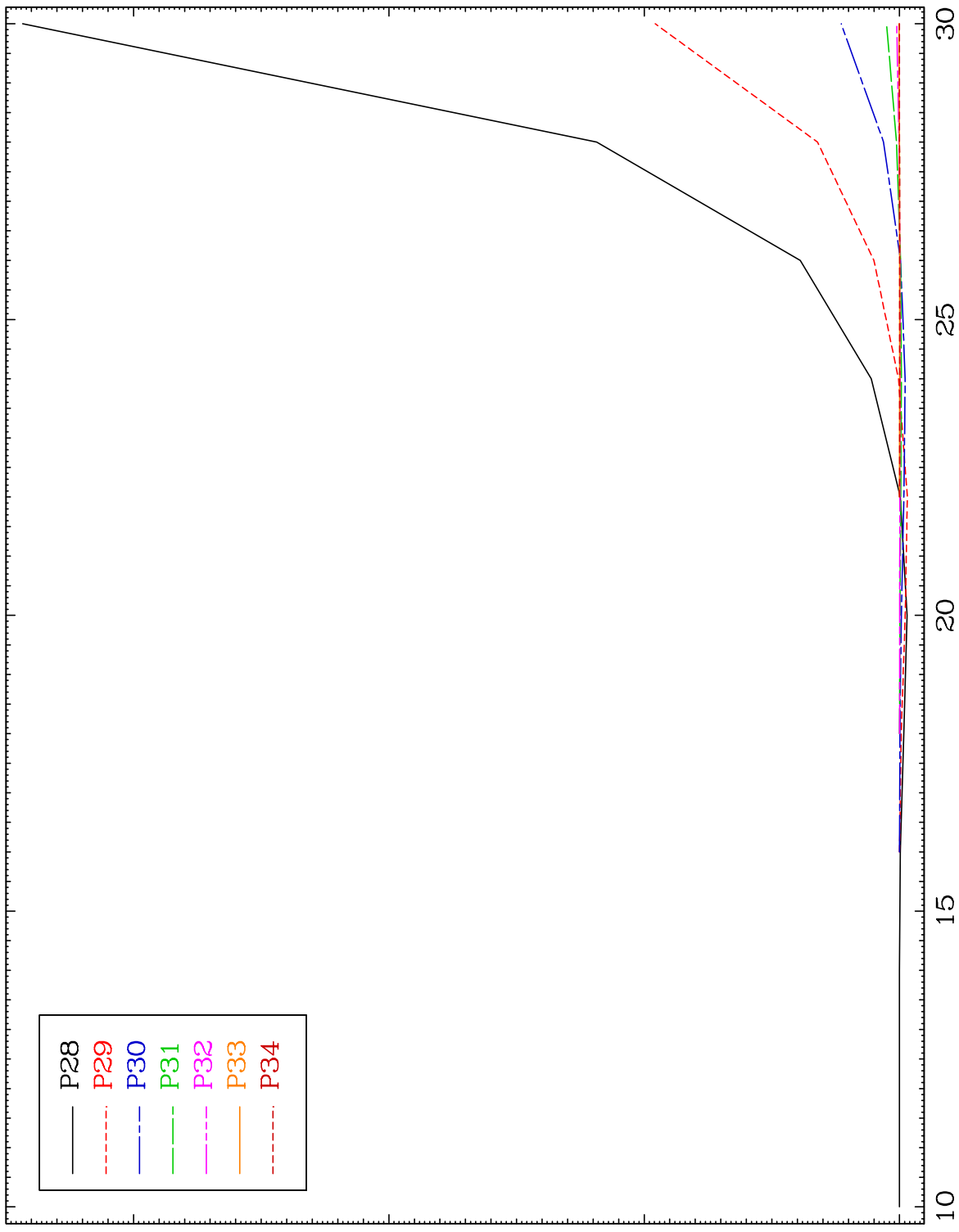
Elastic Legendre Coefficients

70-Yb-161



$\times 10^{-6}$

Legendre (CM)



10

15

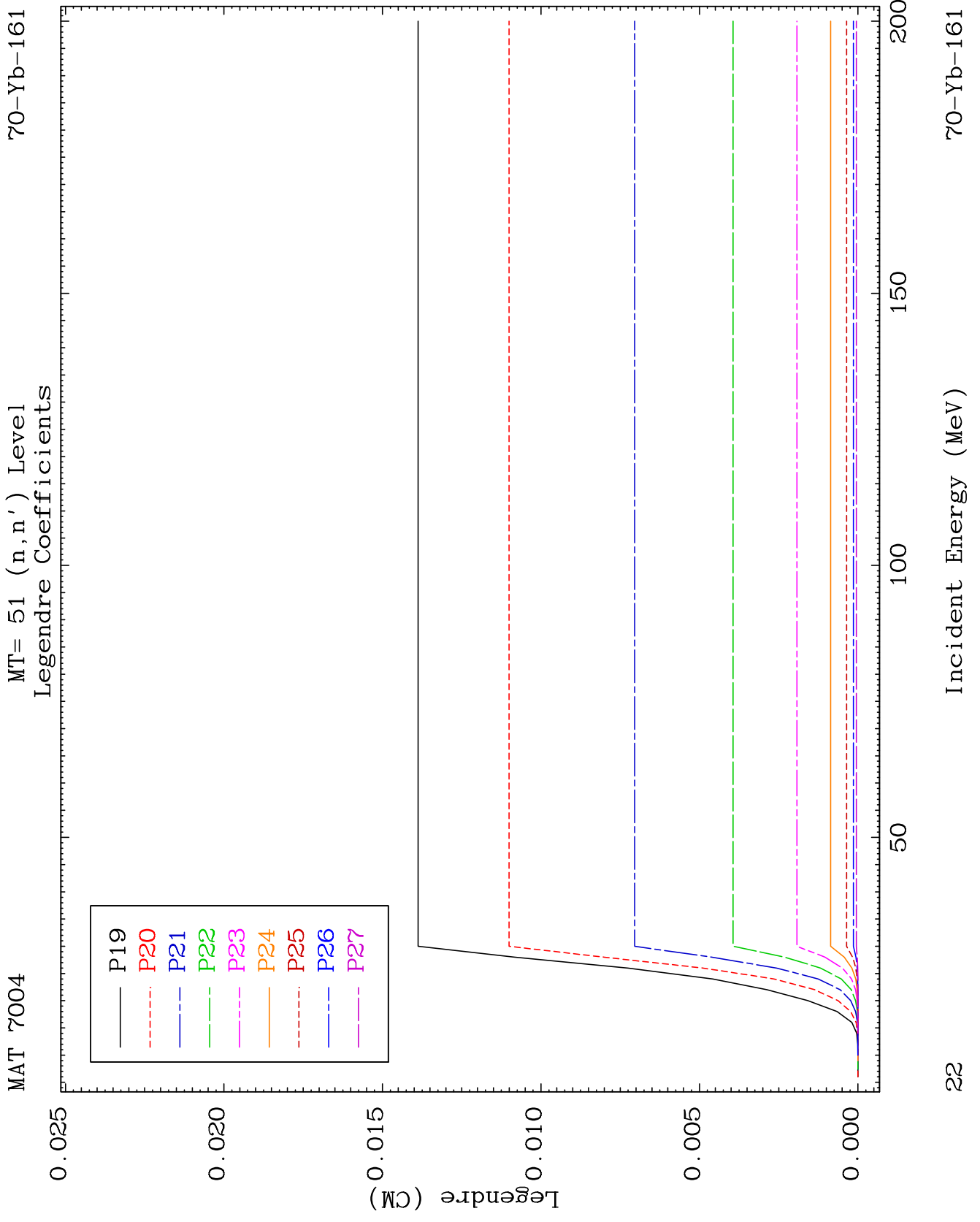
20

25

30

Incident Energy (MeV)

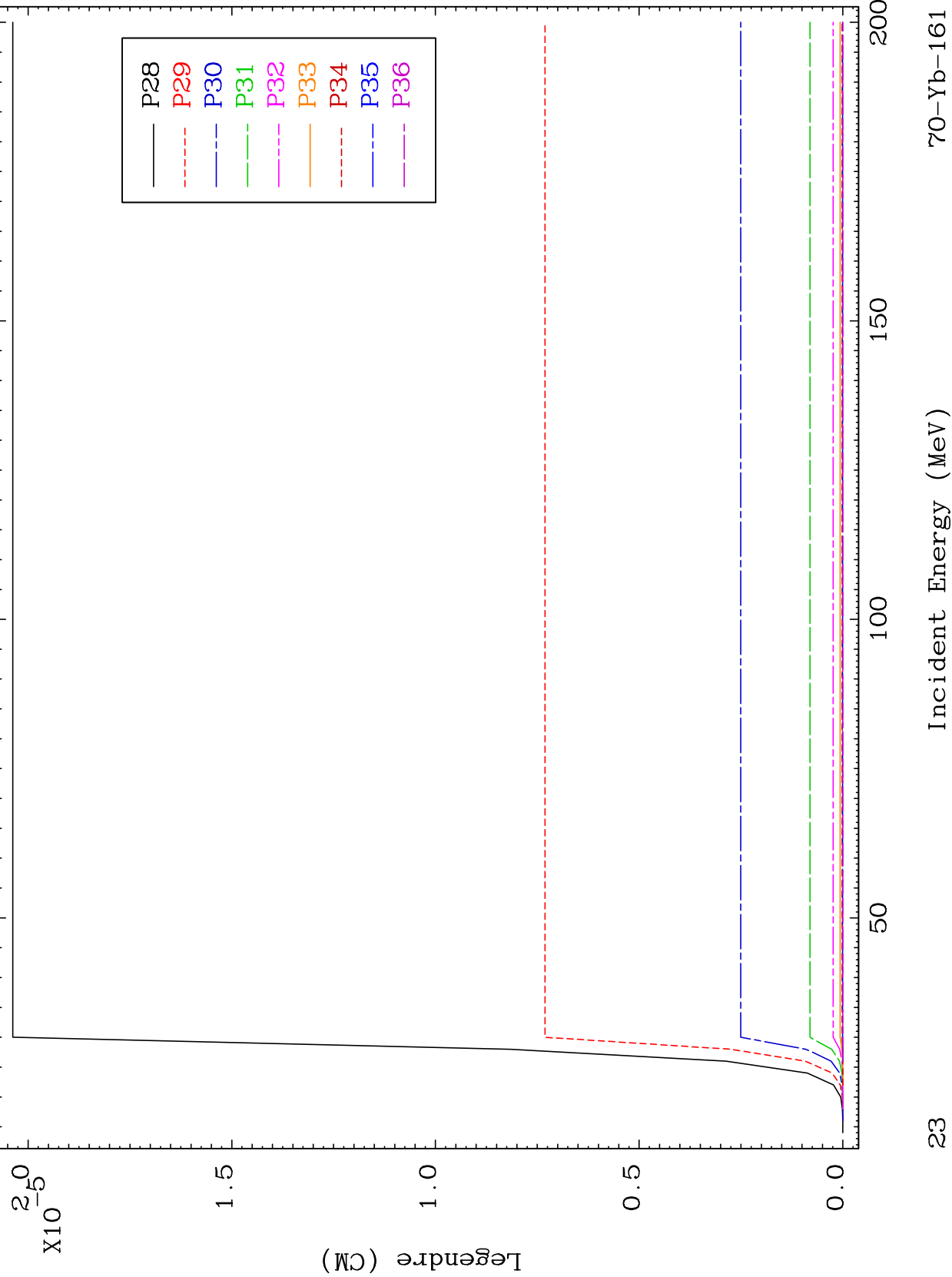
70-Yb-161



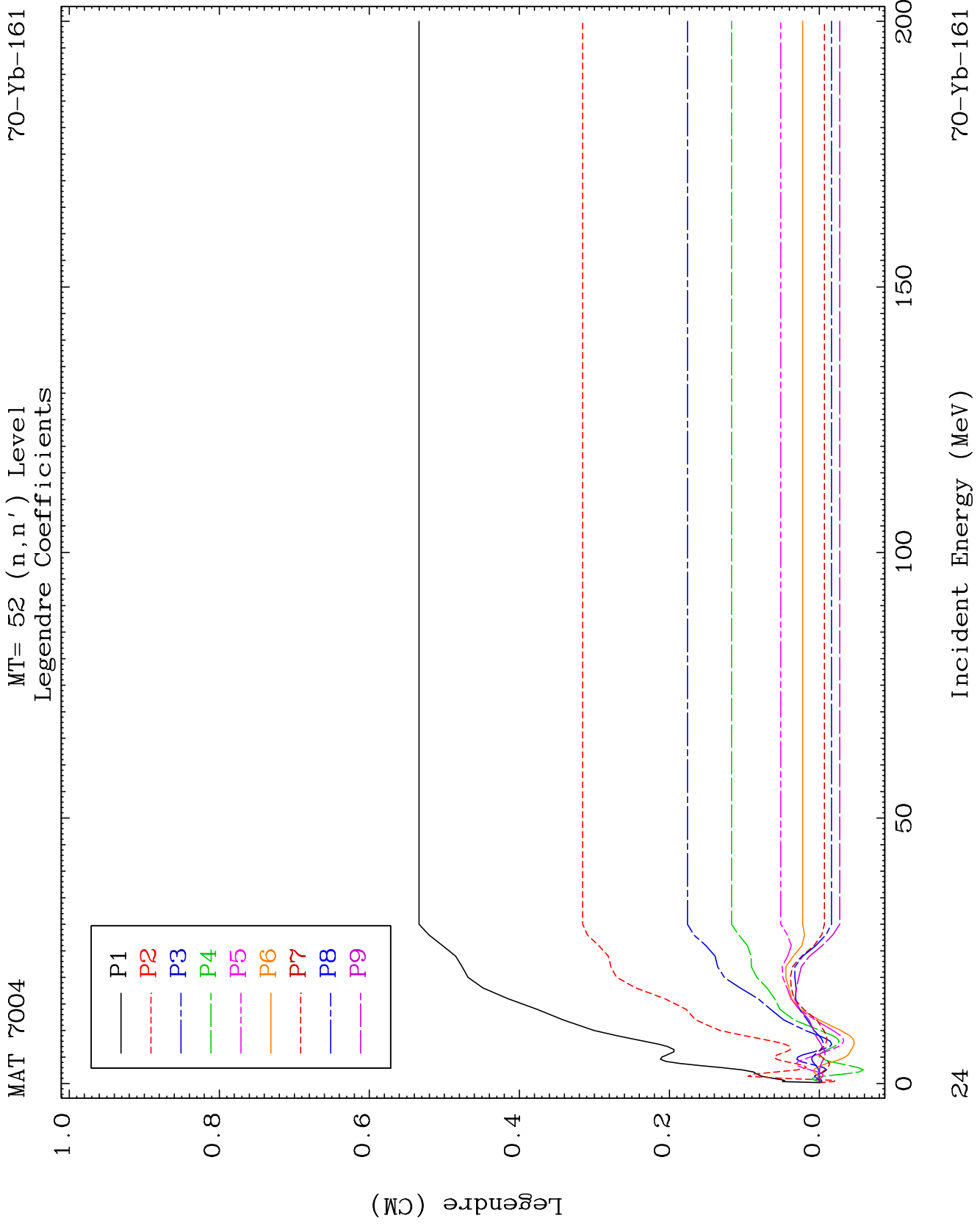
MAT 7004

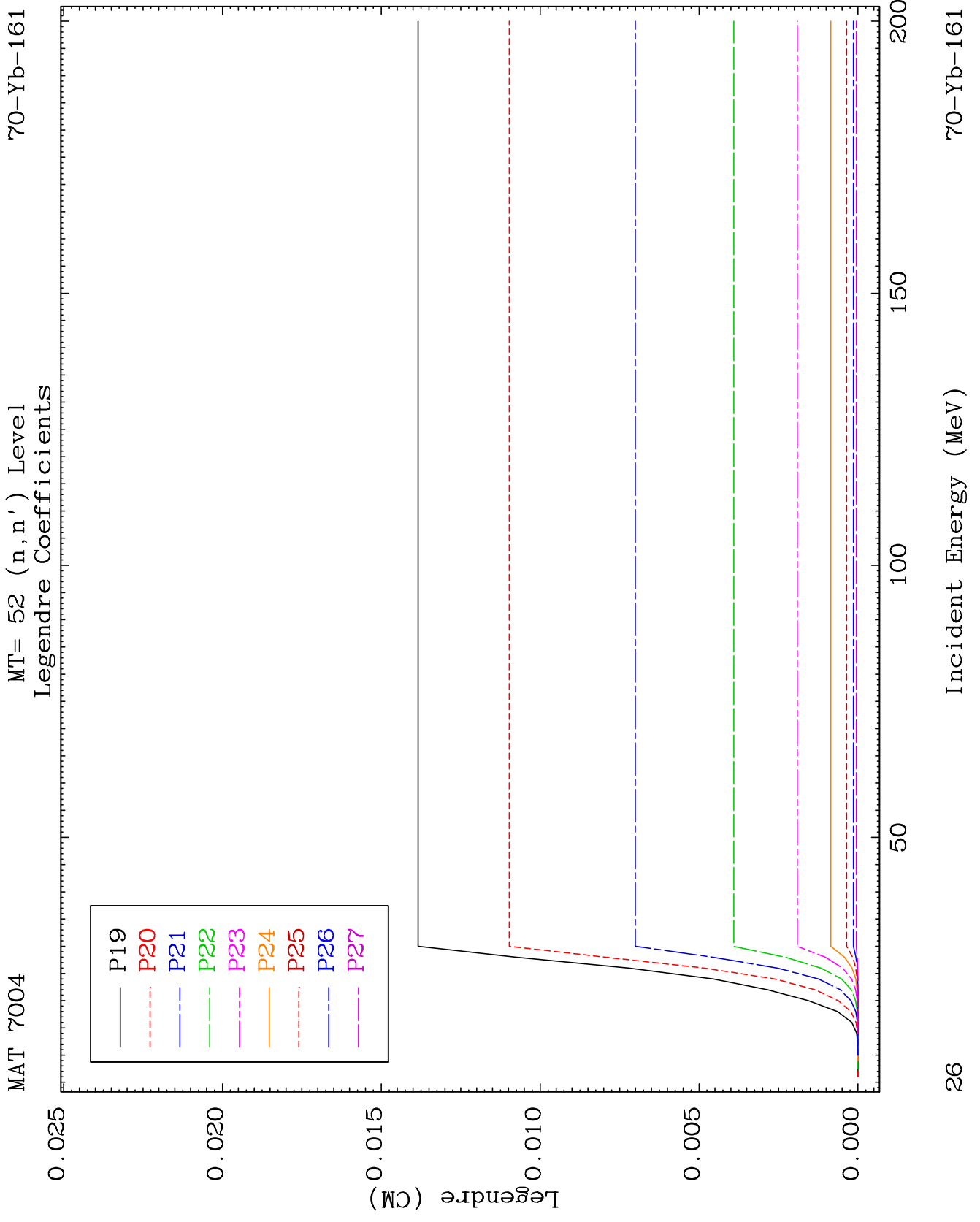
MT= 51 (n,n') Level
Legendre Coefficients

70-Yb-161



23

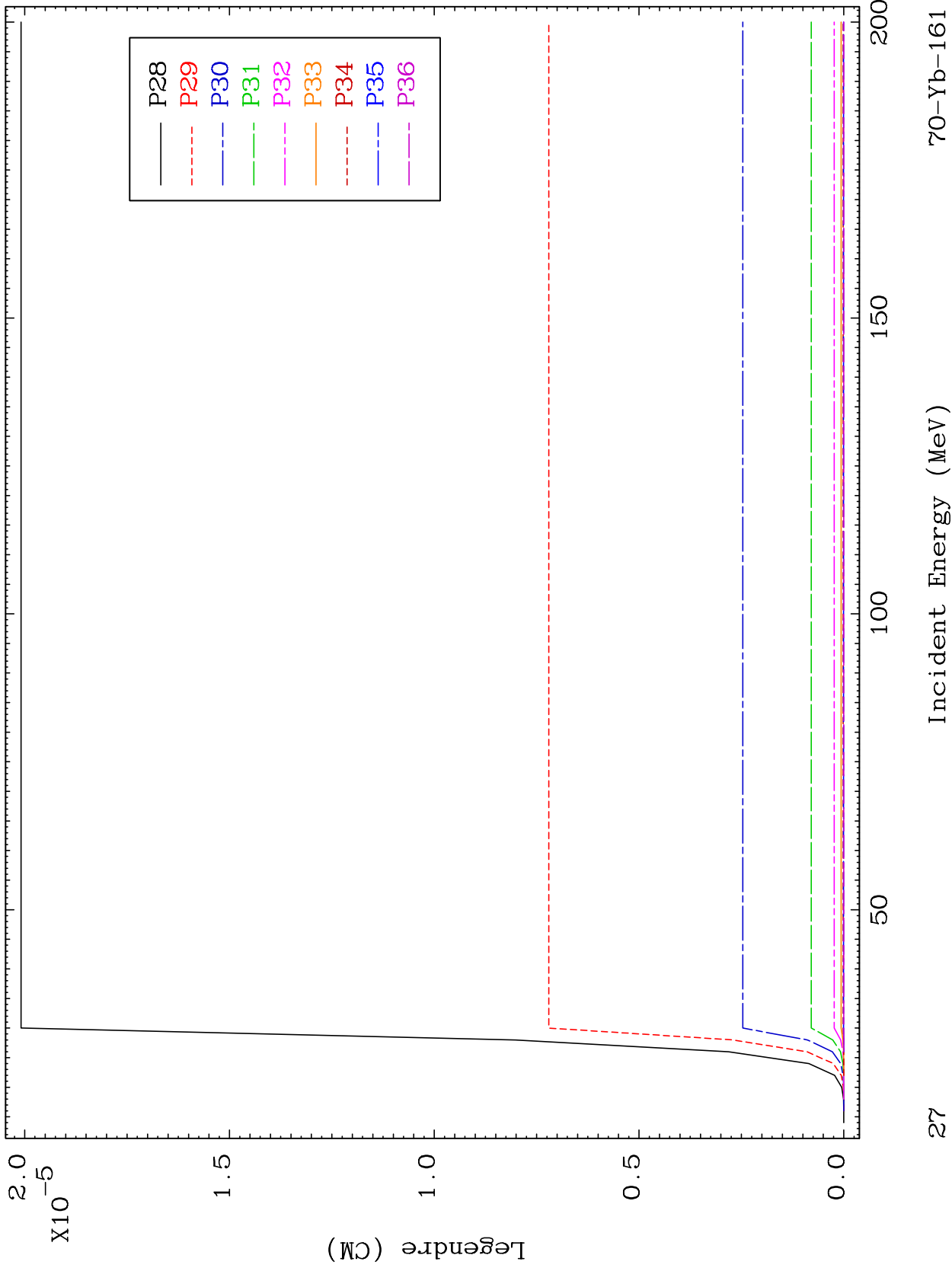




MAT 7004

MT= 52 (n,n') Level
Legendre Coefficients

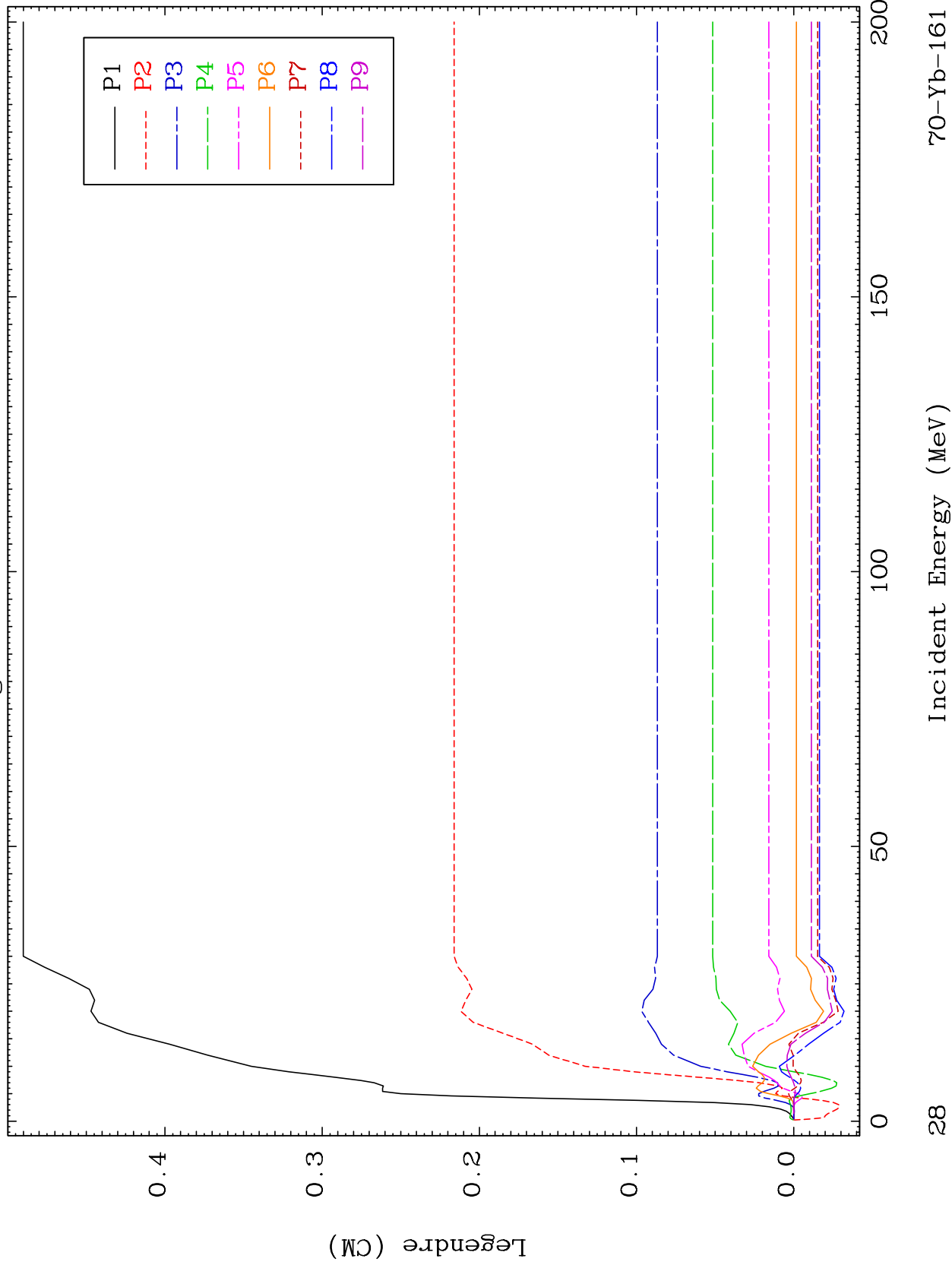
70-Yb-161



MAT 7004

MT= 53 (n,n') Level
Legendre Coefficients

70-Yb-161



70-Yb-161

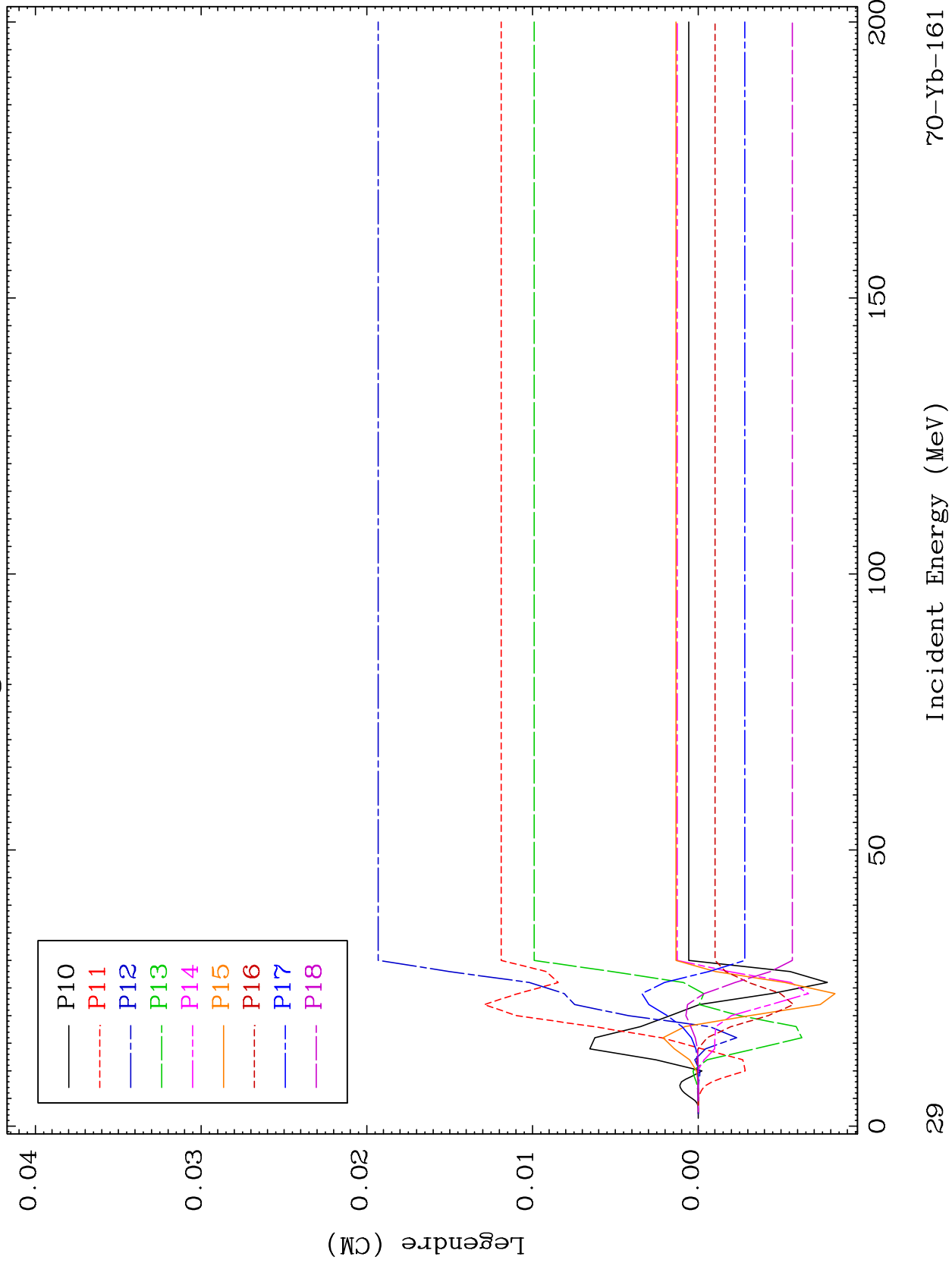
Incident Energy (MeV)

28

MAT 7004

MT= 53 (n,n') Level
Legendre Coefficients

70-Yb-161



29

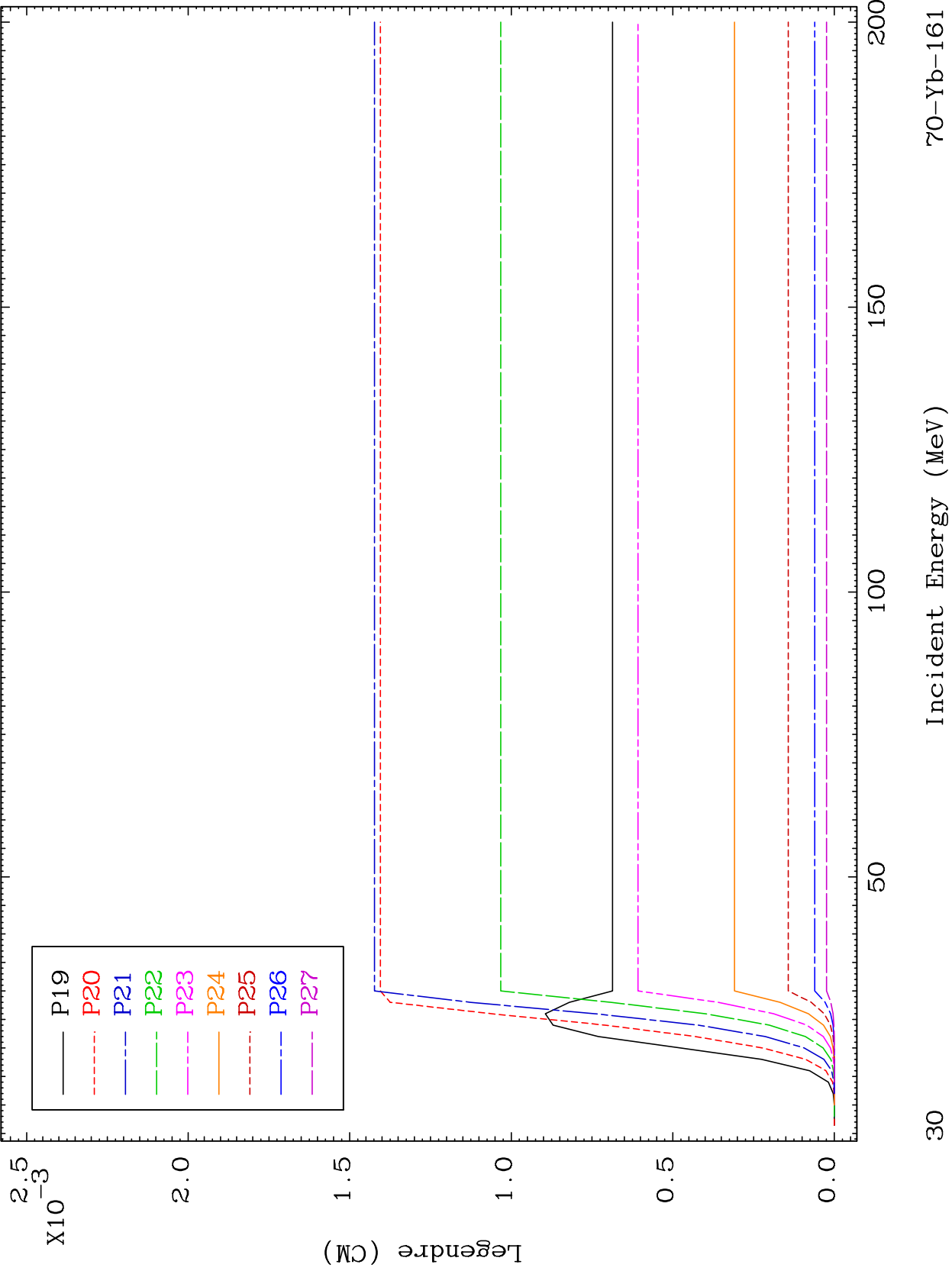
Incident Energy (MeV)

70-Yb-161

MAT 7004

MT= 53 (n,n') Level
Legendre Coefficients

70-Yb-161



30

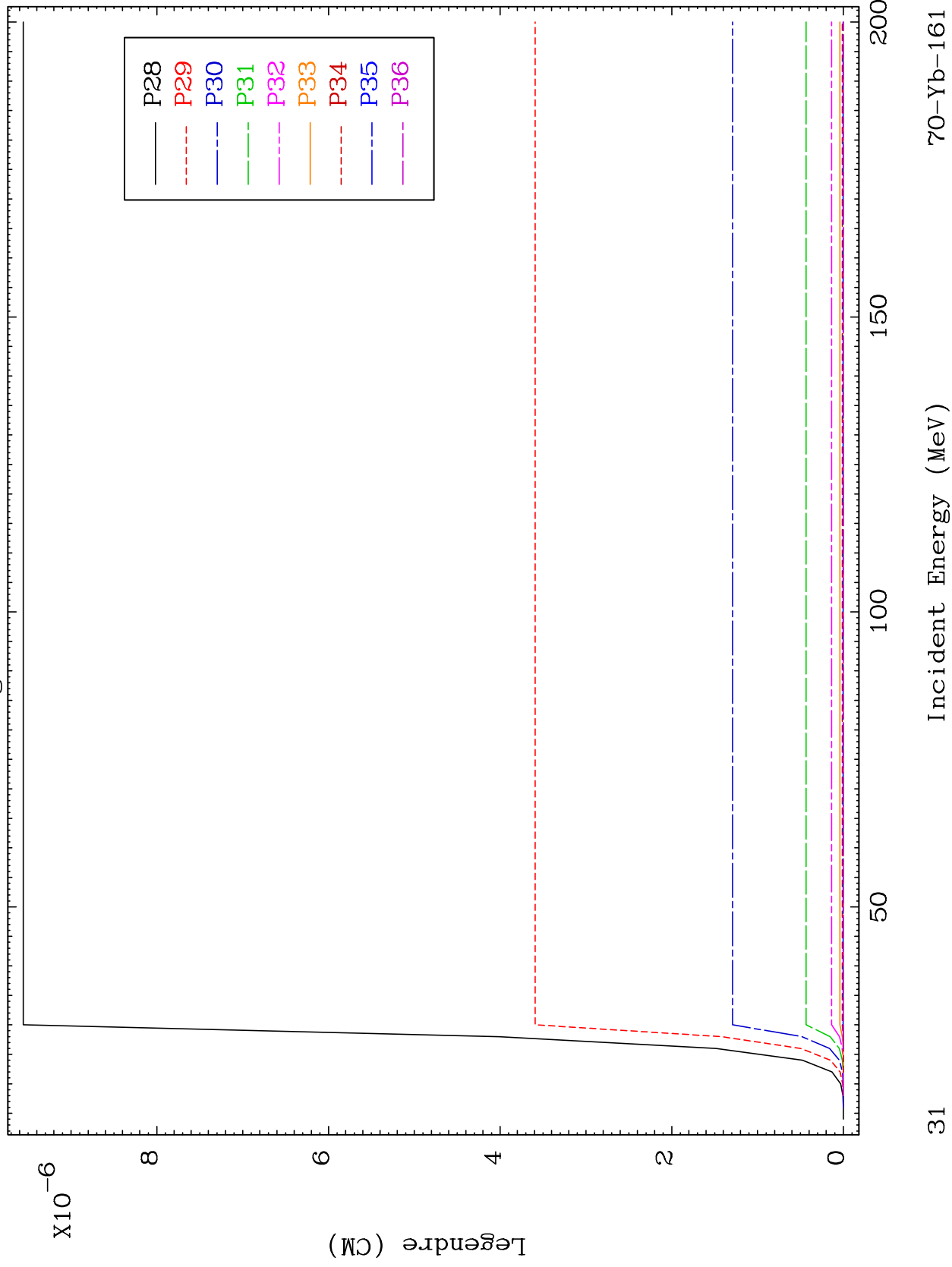
Incident Energy (MeV)

70-Yb-161

MAT 7004

MT= 53 (n,n') Level
Legendre Coefficients

70-Yb-161



31

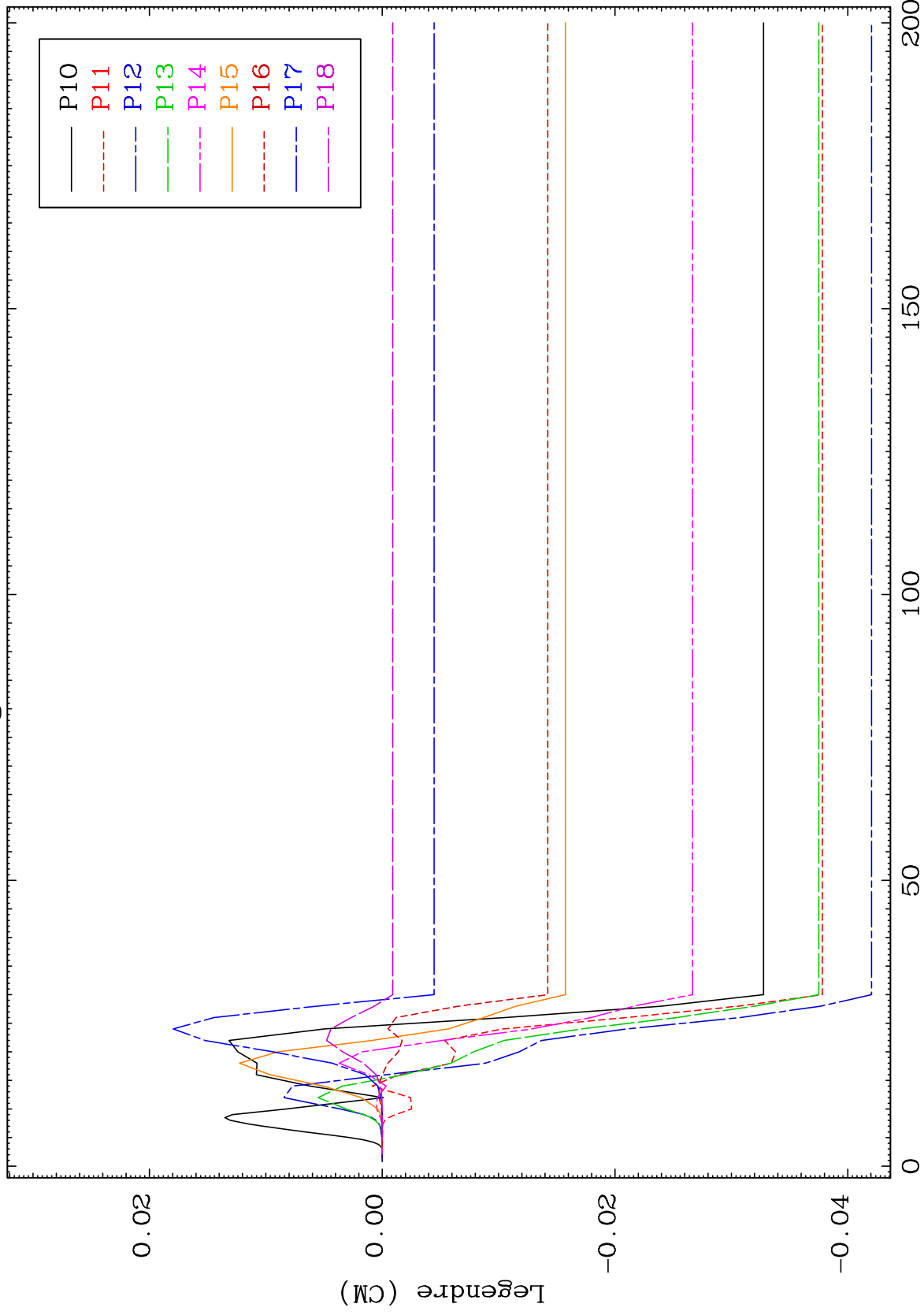
Incident Energy (MeV)

70-Yb-161

MAT 7004

MT= 54 (n,n') Level
Legendre Coefficients

70-Yb-161



33

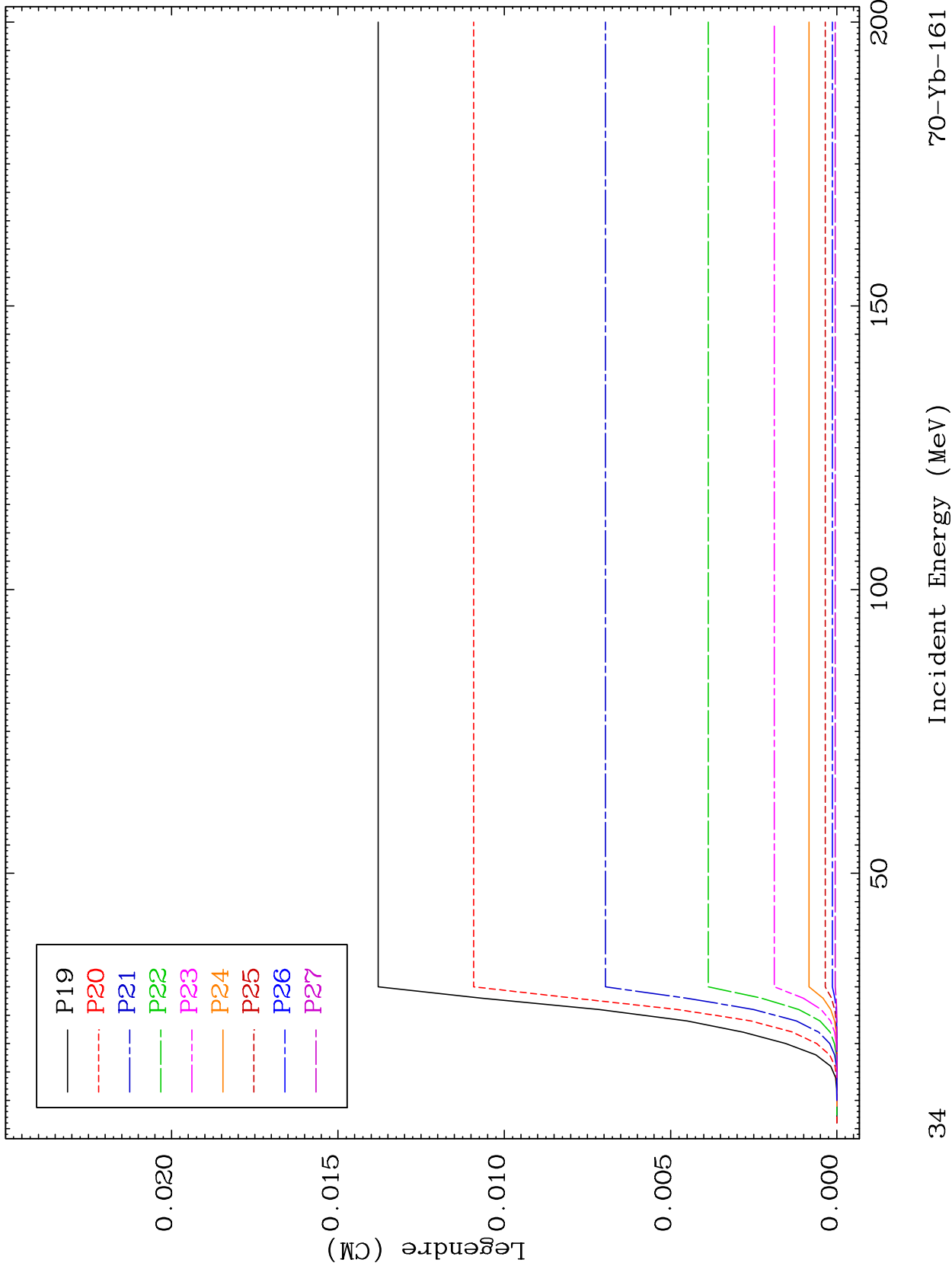
Incident Energy (MeV)

70-Yb-161

MAT 7004

MT= 54 (n,n') Level
Legendre Coefficients

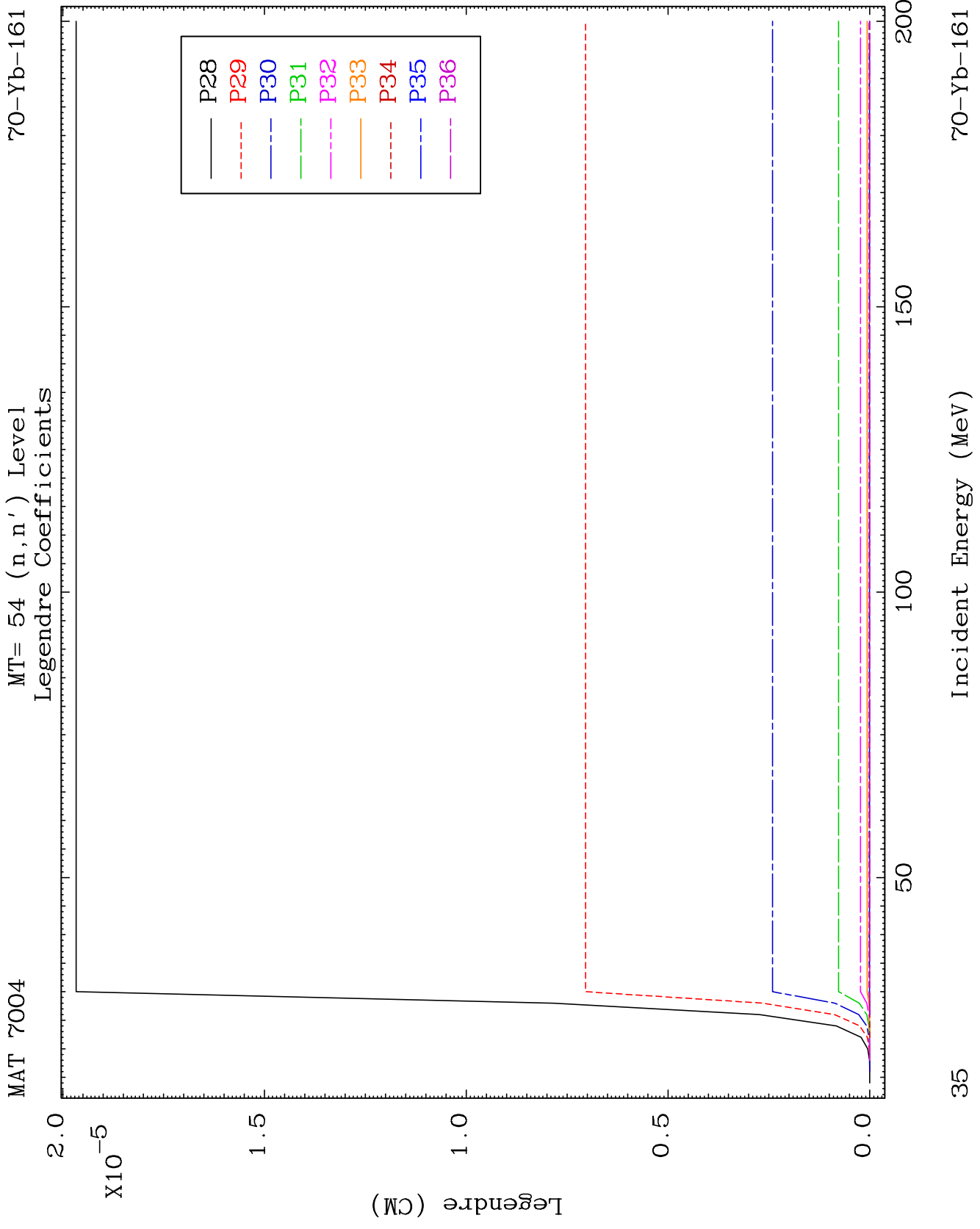
70-Yb-161



34

Incident Energy (MeV)

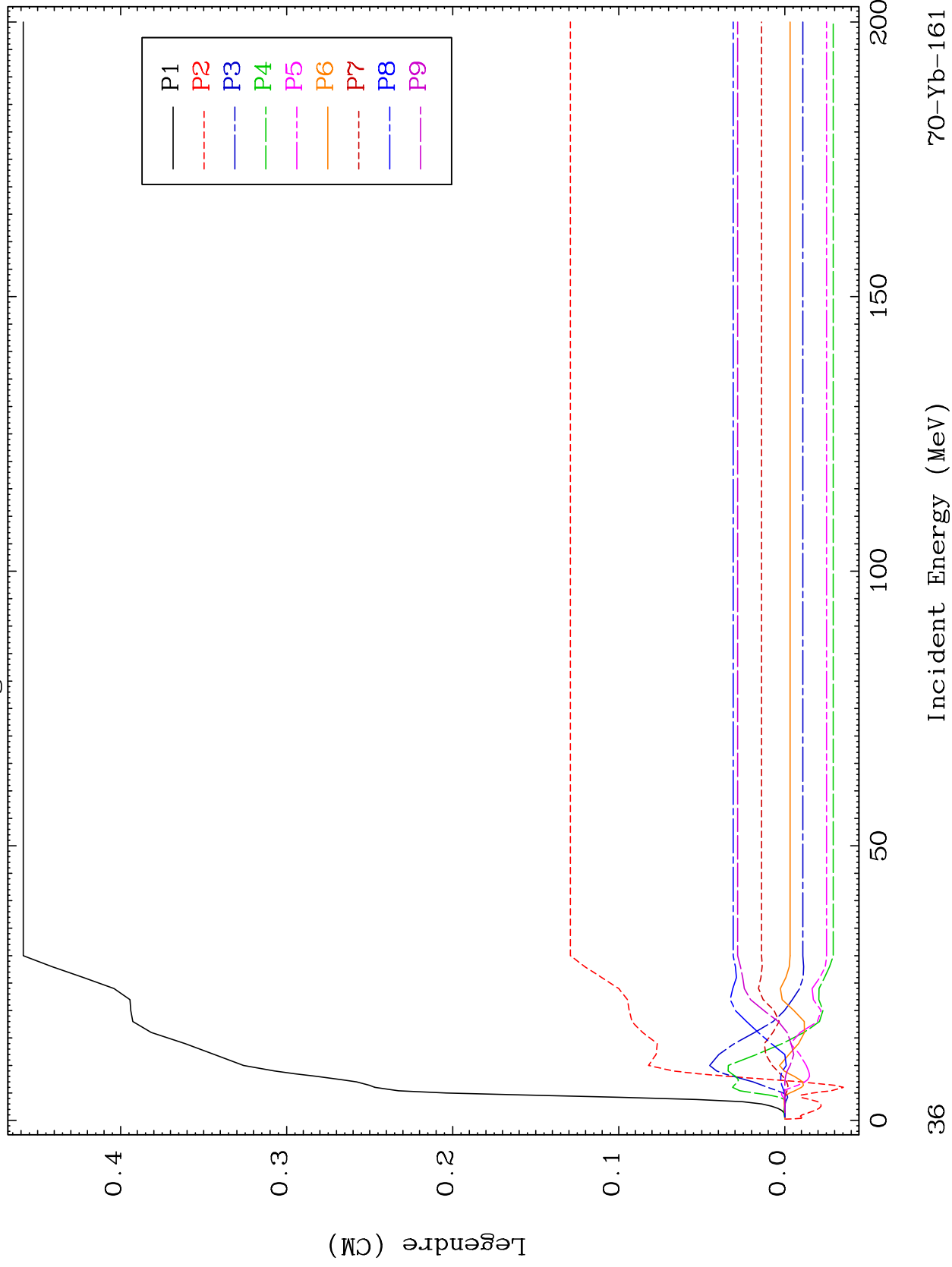
70-Yb-161



MAT 7004

MT= 55 (n,n') Level
Legendre Coefficients

70-Yb-161



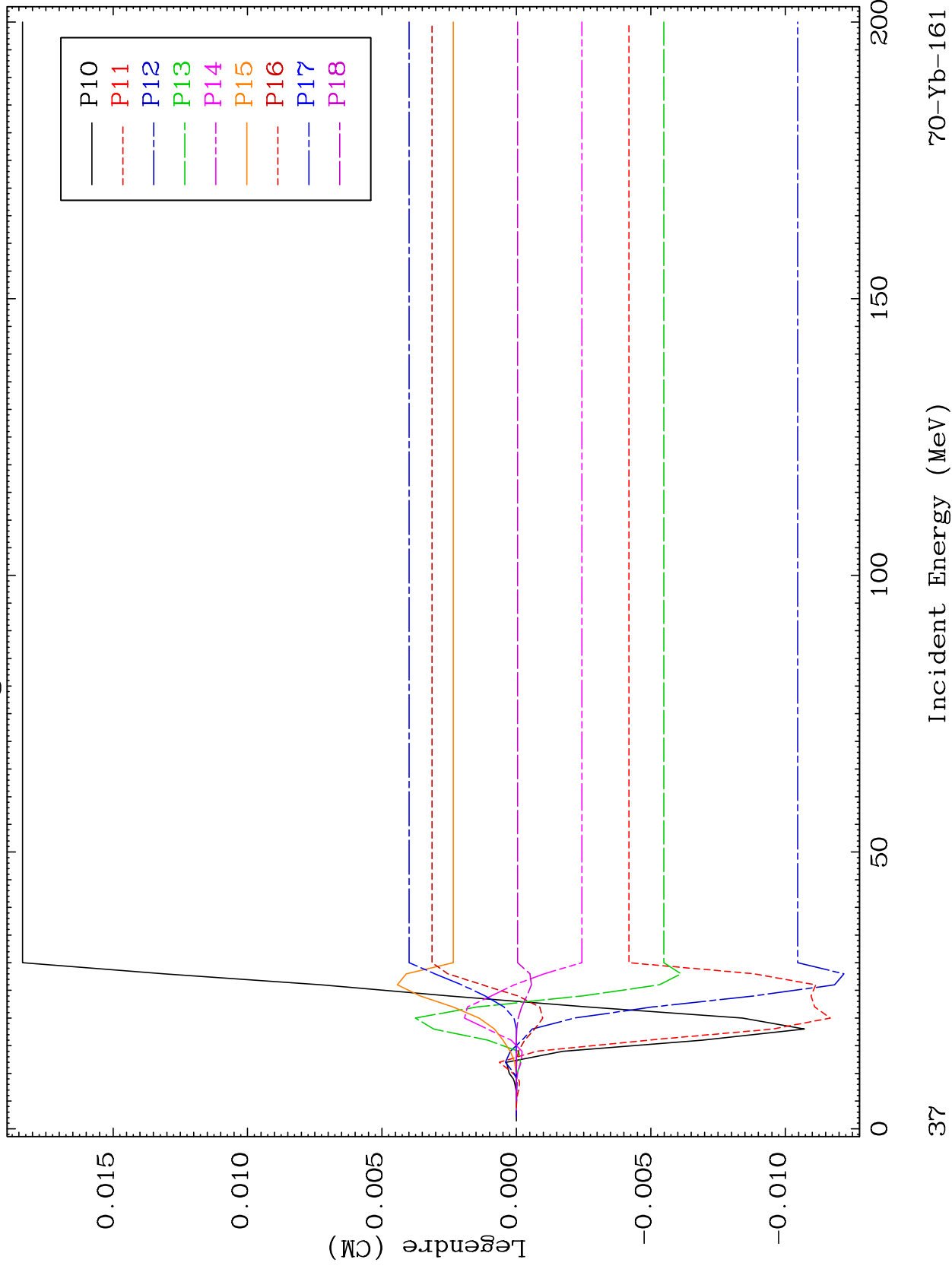
36

70-Yb-161

MAT 7004

MT= 55 (n,n') Level
Legendre Coefficients

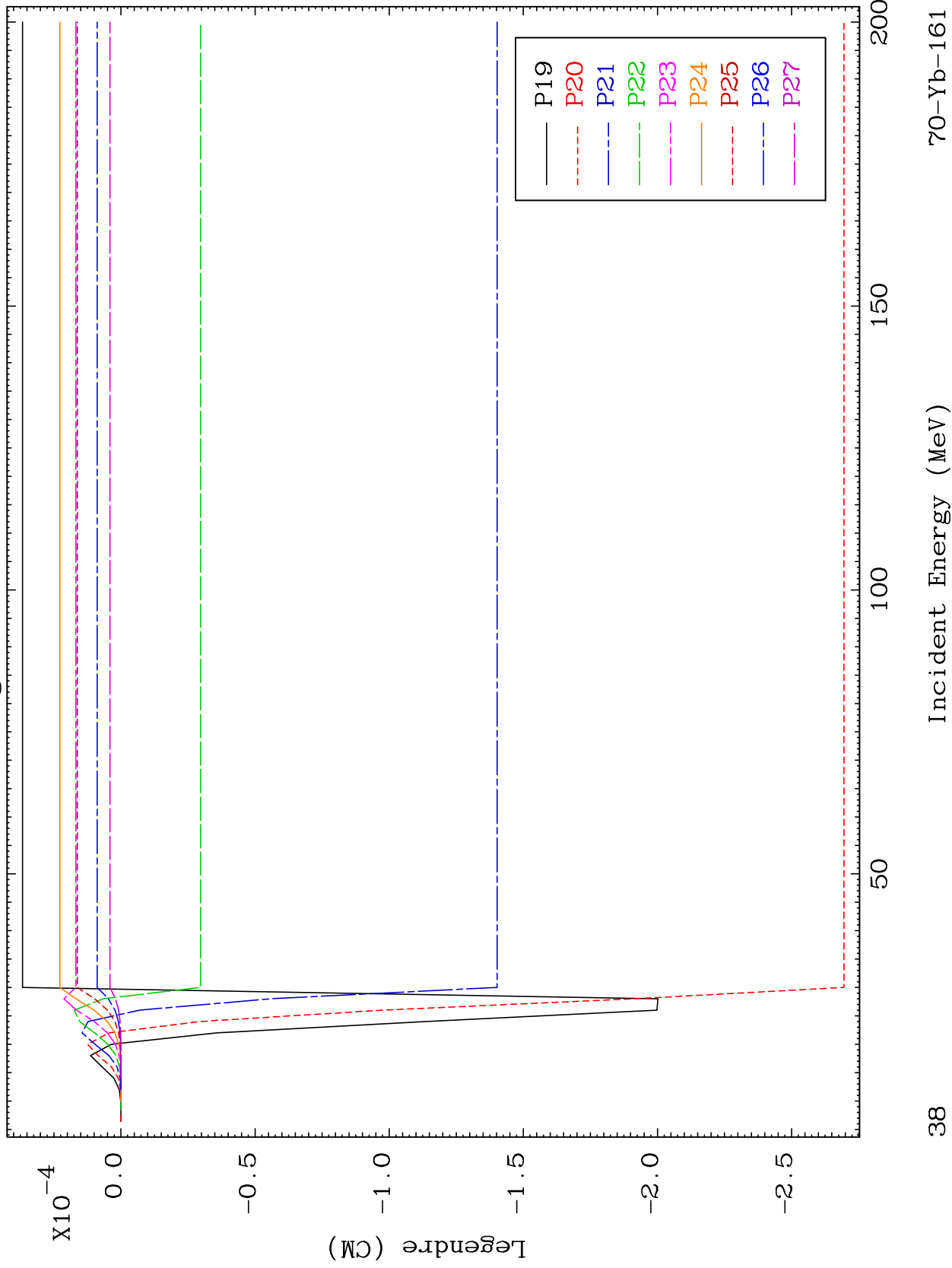
70-Yb-161



37

Incident Energy (MeV)

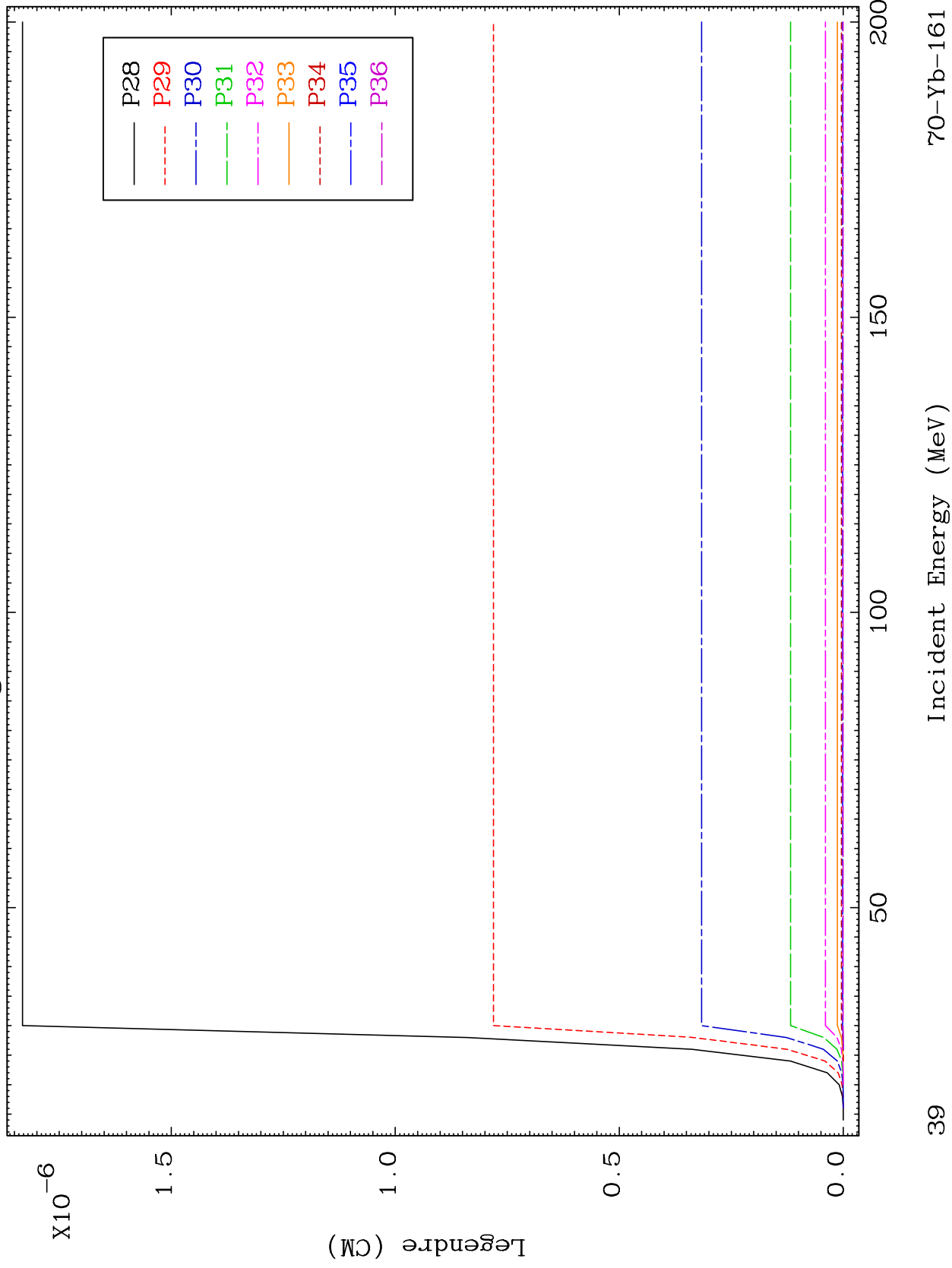
70-Yb-161

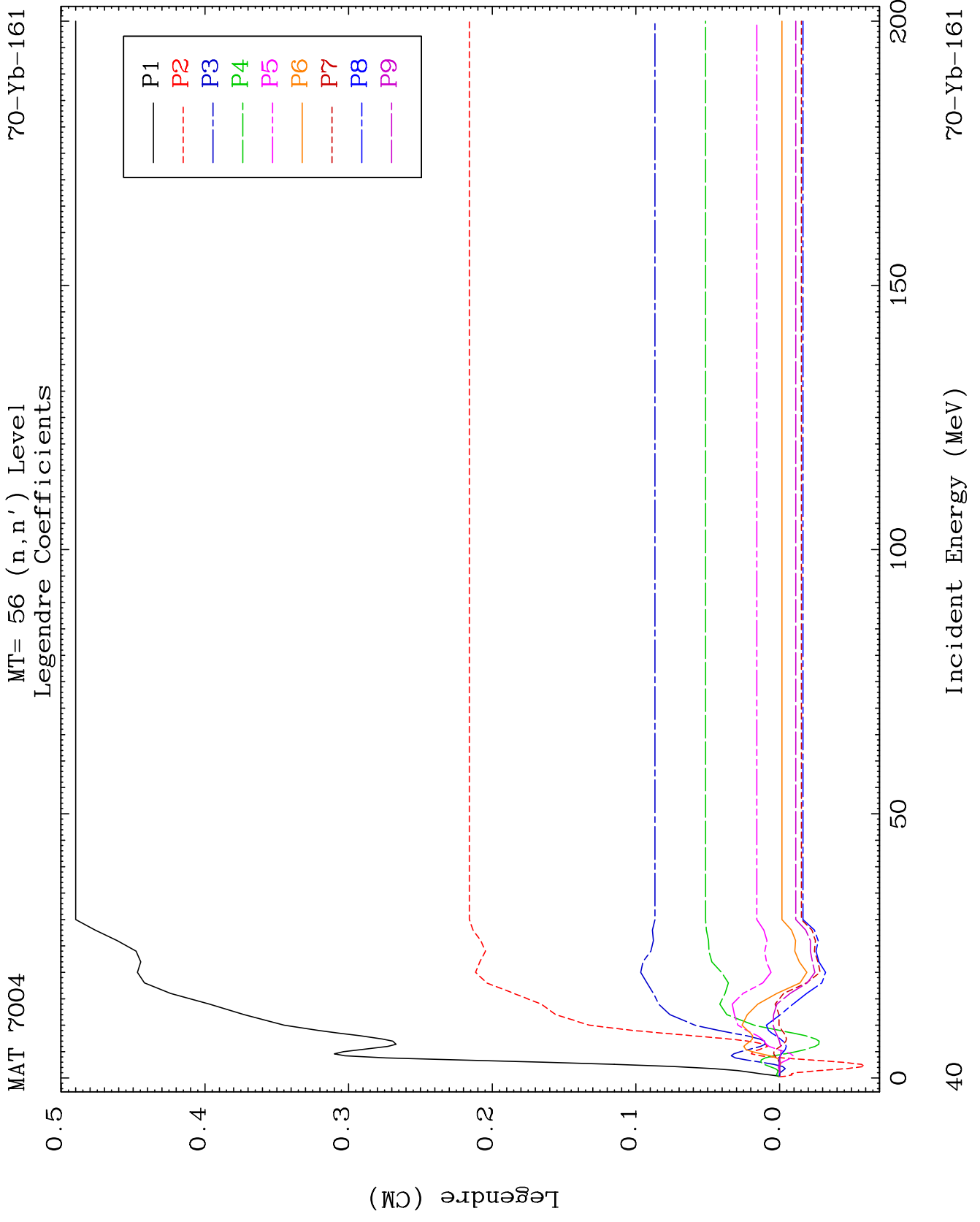


MAT 7004

MT= 55 (n,n') Level
Legendre Coefficients

70-Yb-161

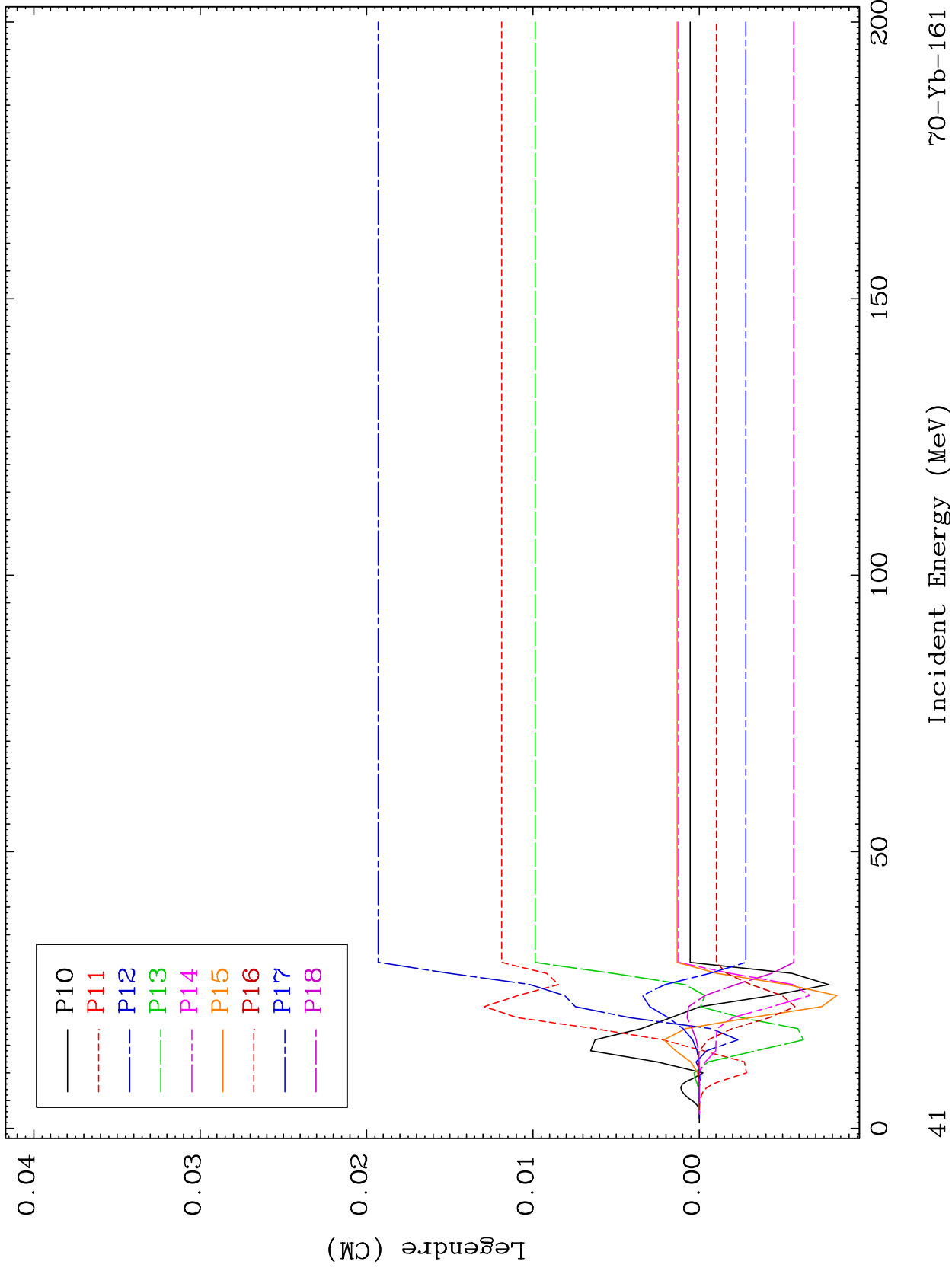




MAT 7004

MT= 56 (n,n') Level
Legendre Coefficients

70-Yb-161



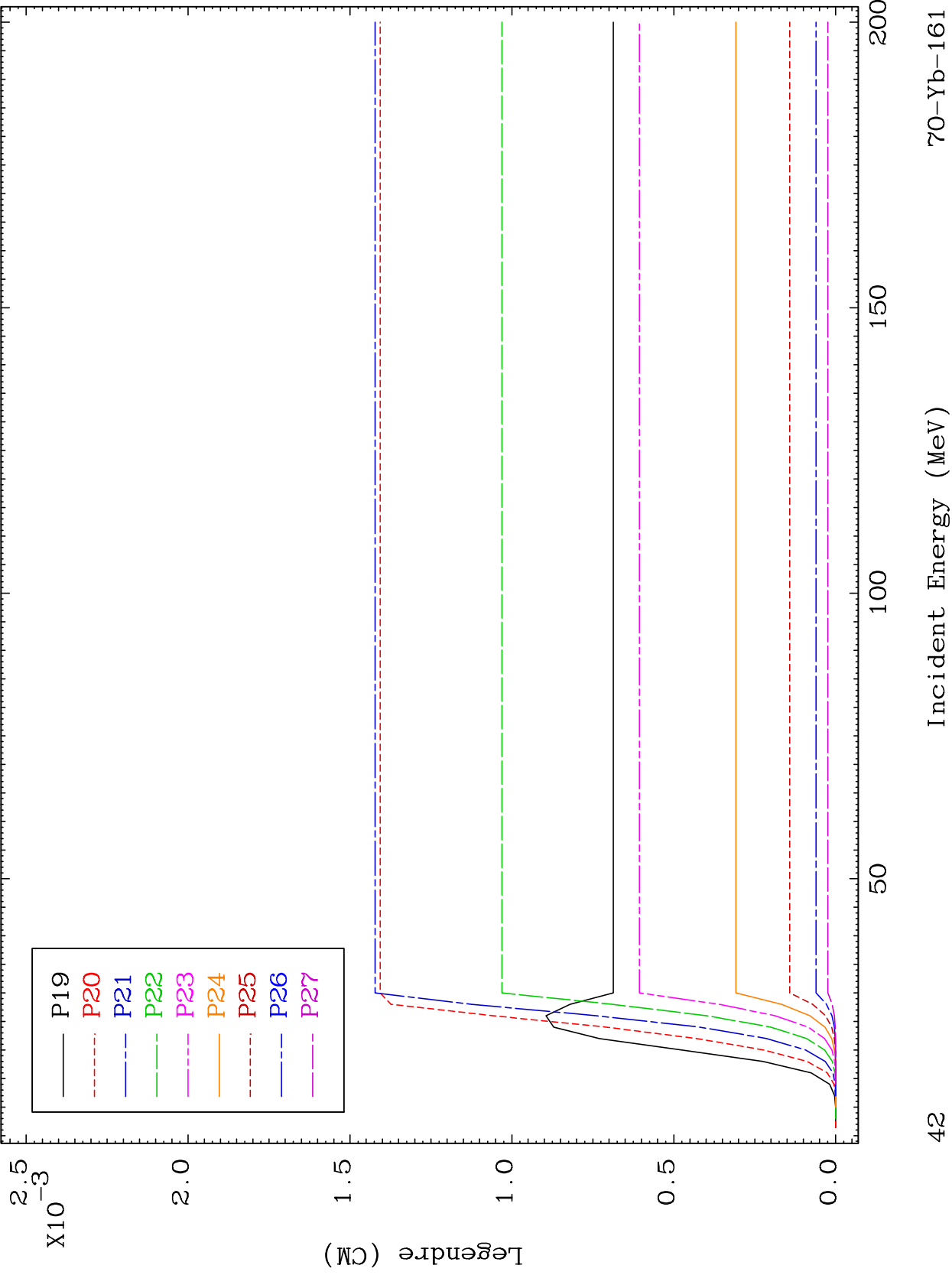
41

70-Yb-161

MAT 7004

MT= 56 (n,n') Level
Legendre Coefficients

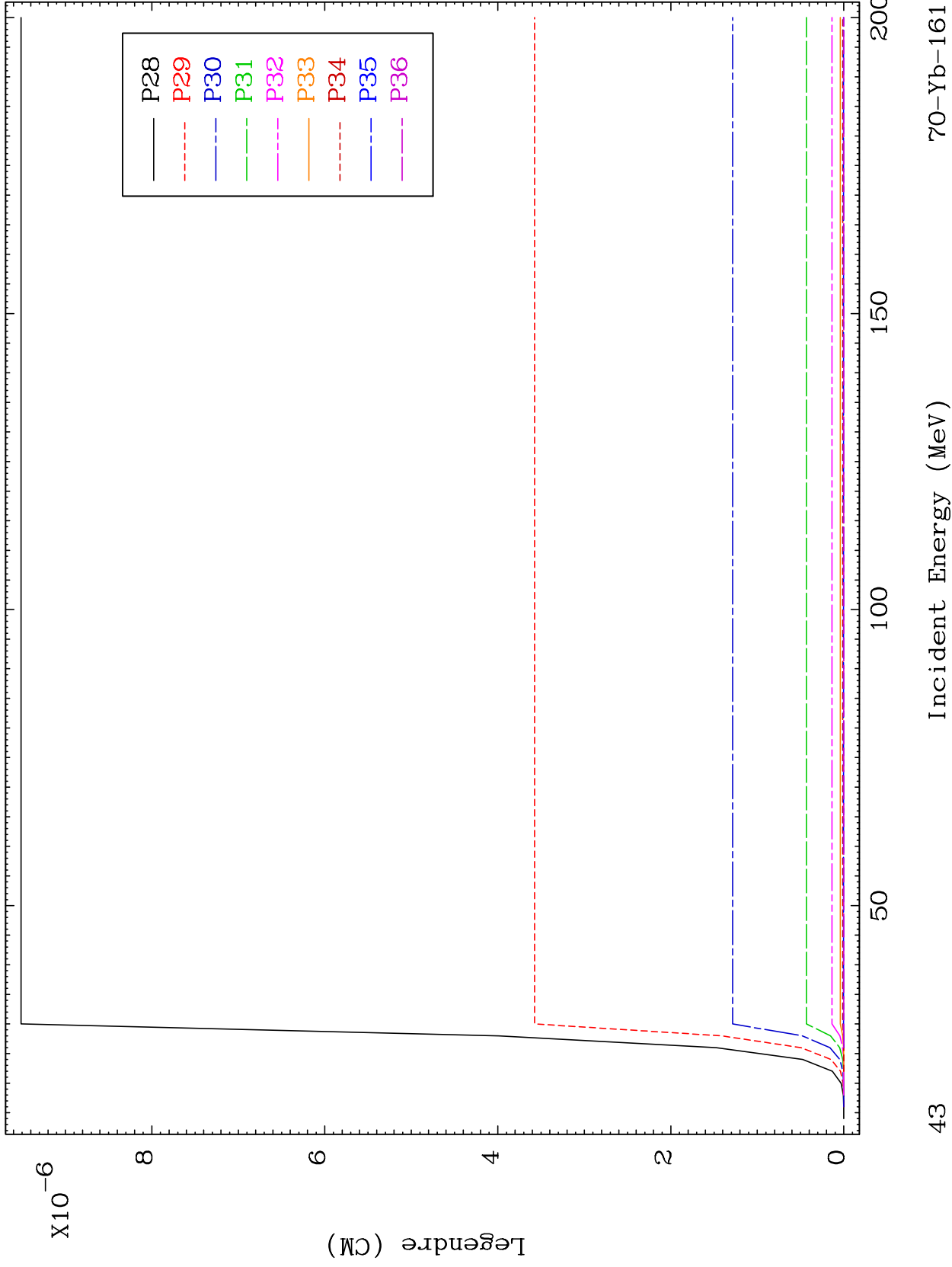
70-Yb-161



MAT 7004

MT= 56 (n,n') Level
Legendre Coefficients

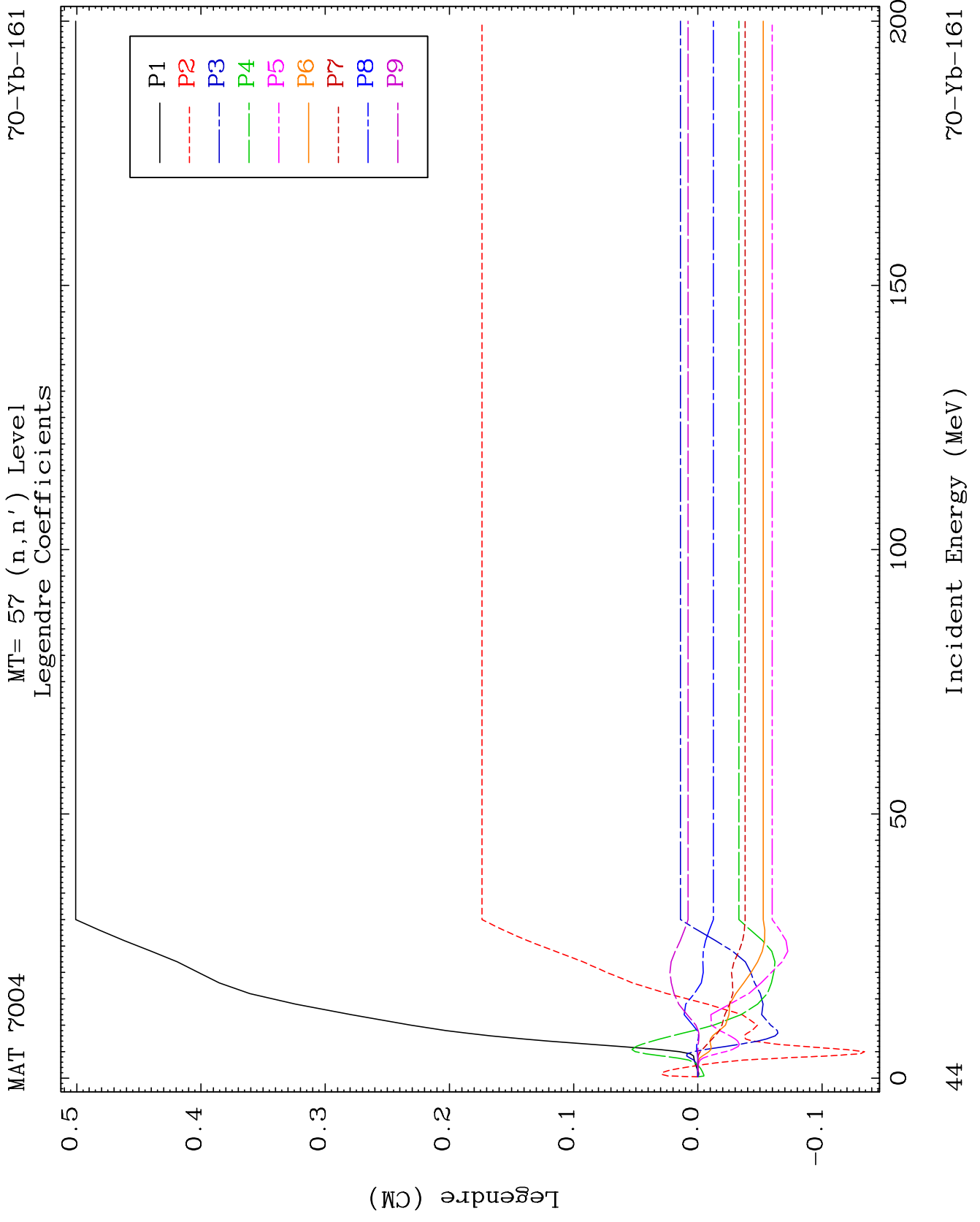
70-Yb-161

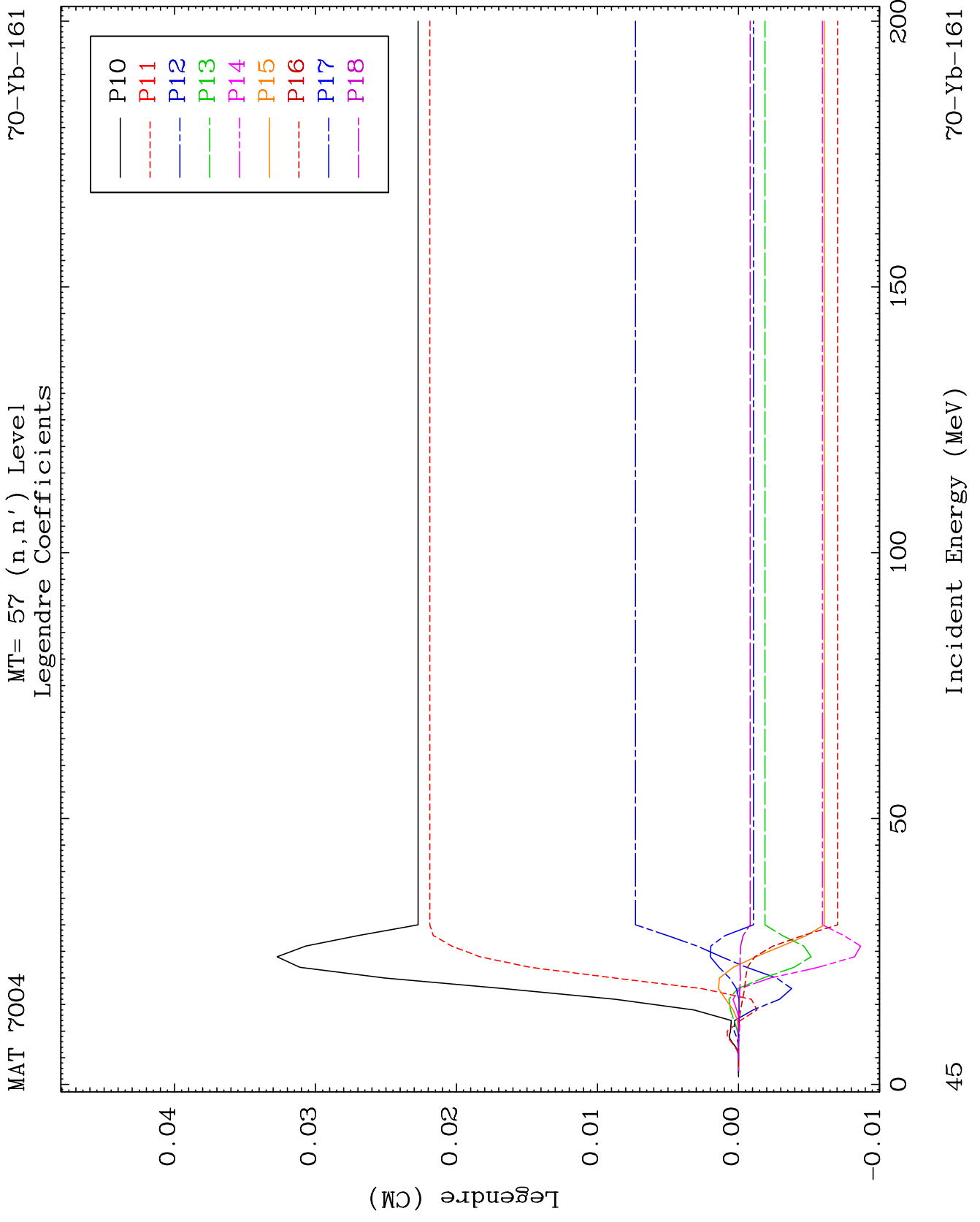


43

Incident Energy (MeV)

70-Yb-161

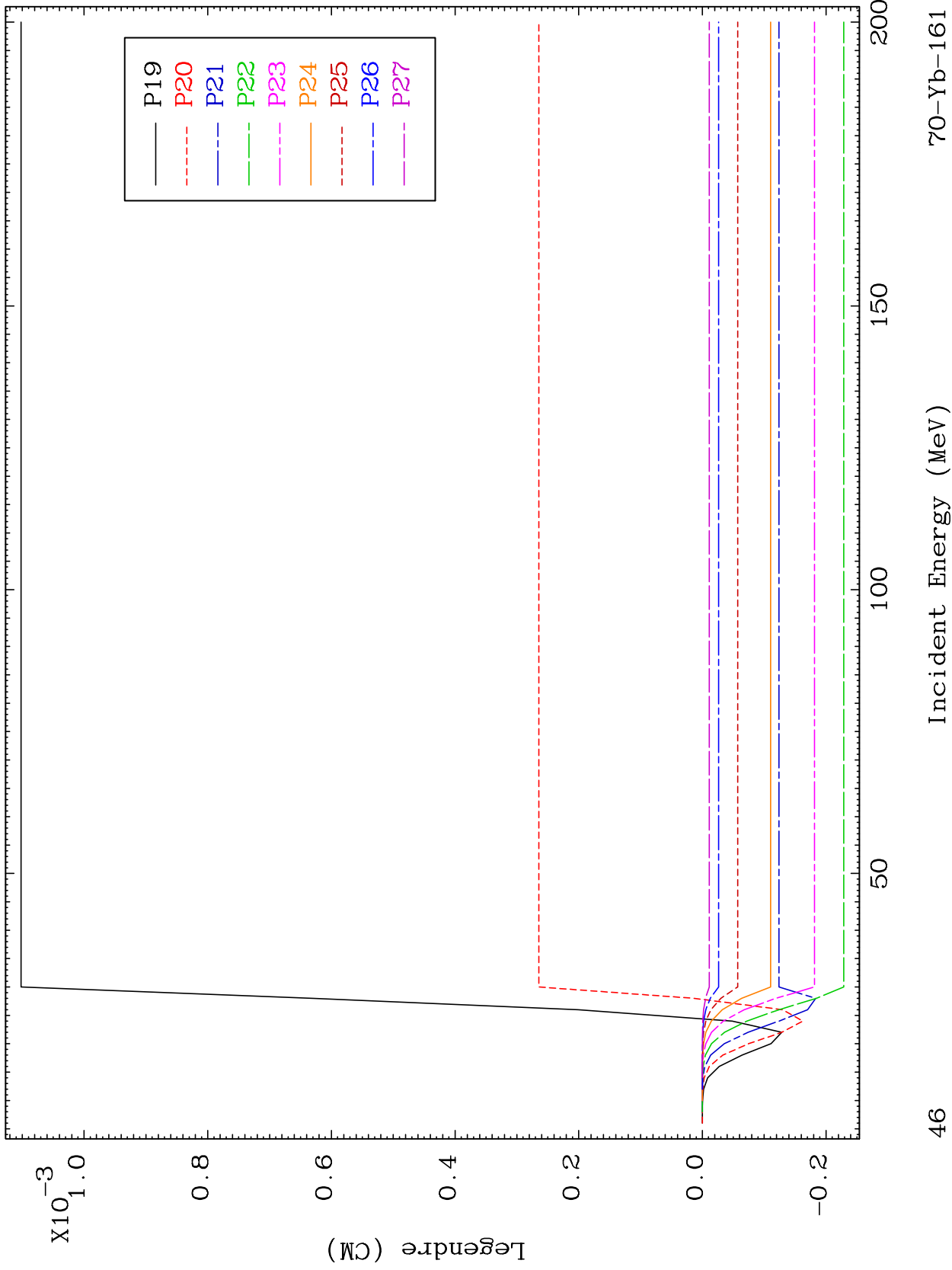




MAT 7004

MT= 57 (n,n') Level
Legendre Coefficients

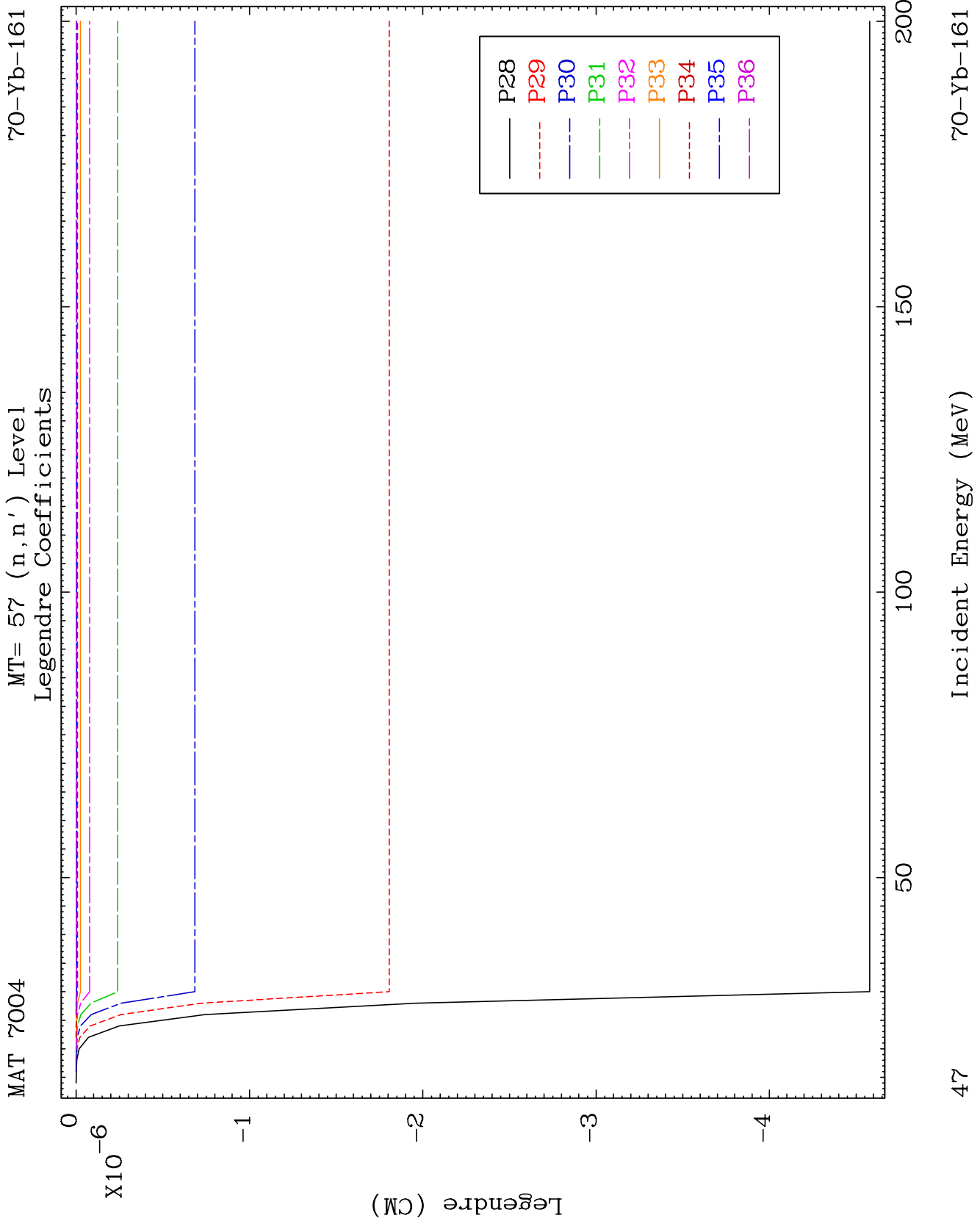
70-Yb-161



46

Incident Energy (MeV)

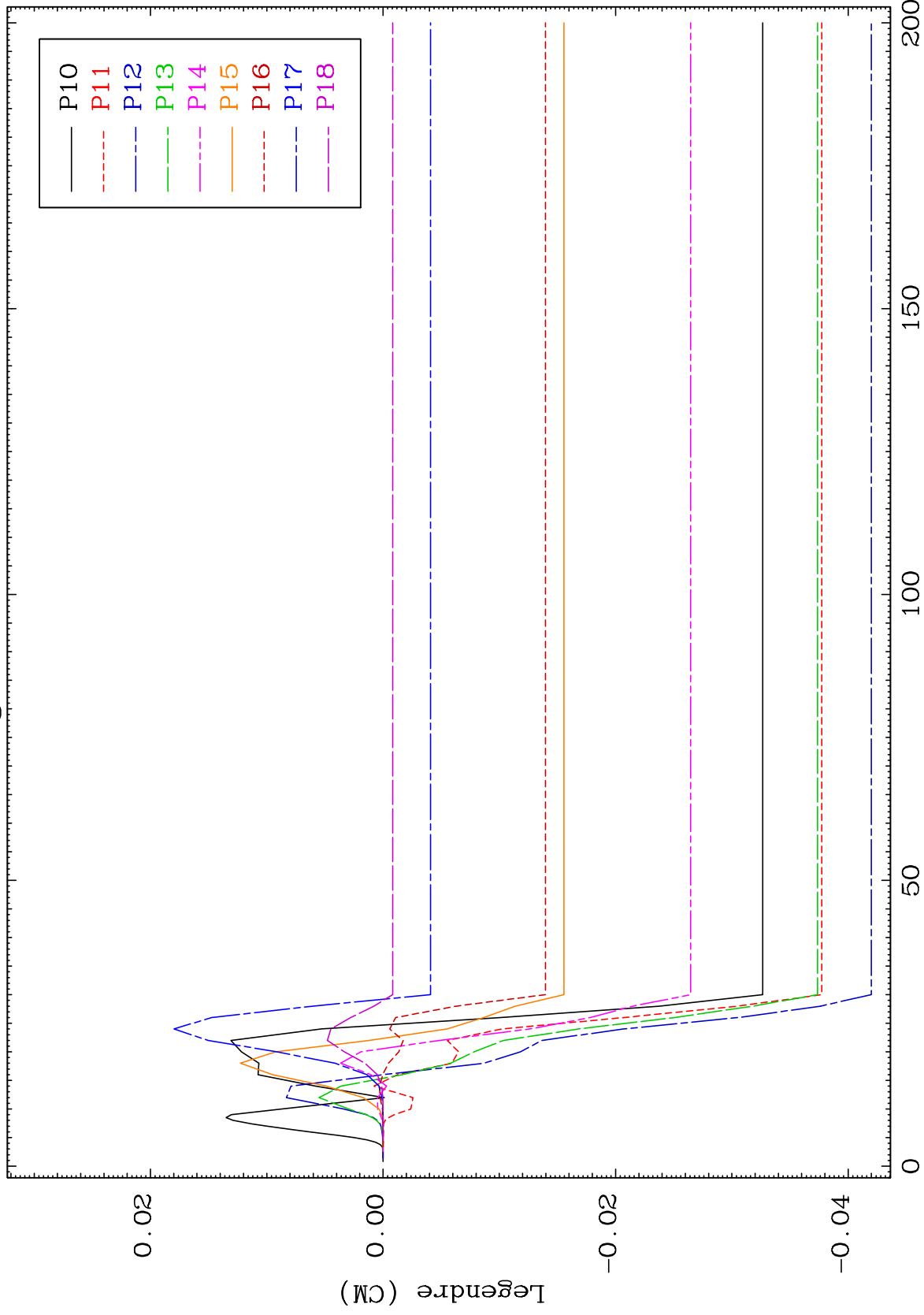
70-Yb-161



MAT 7004

MT= 58 (n,n') Level
Legendre Coefficients

70-Yb-161



49

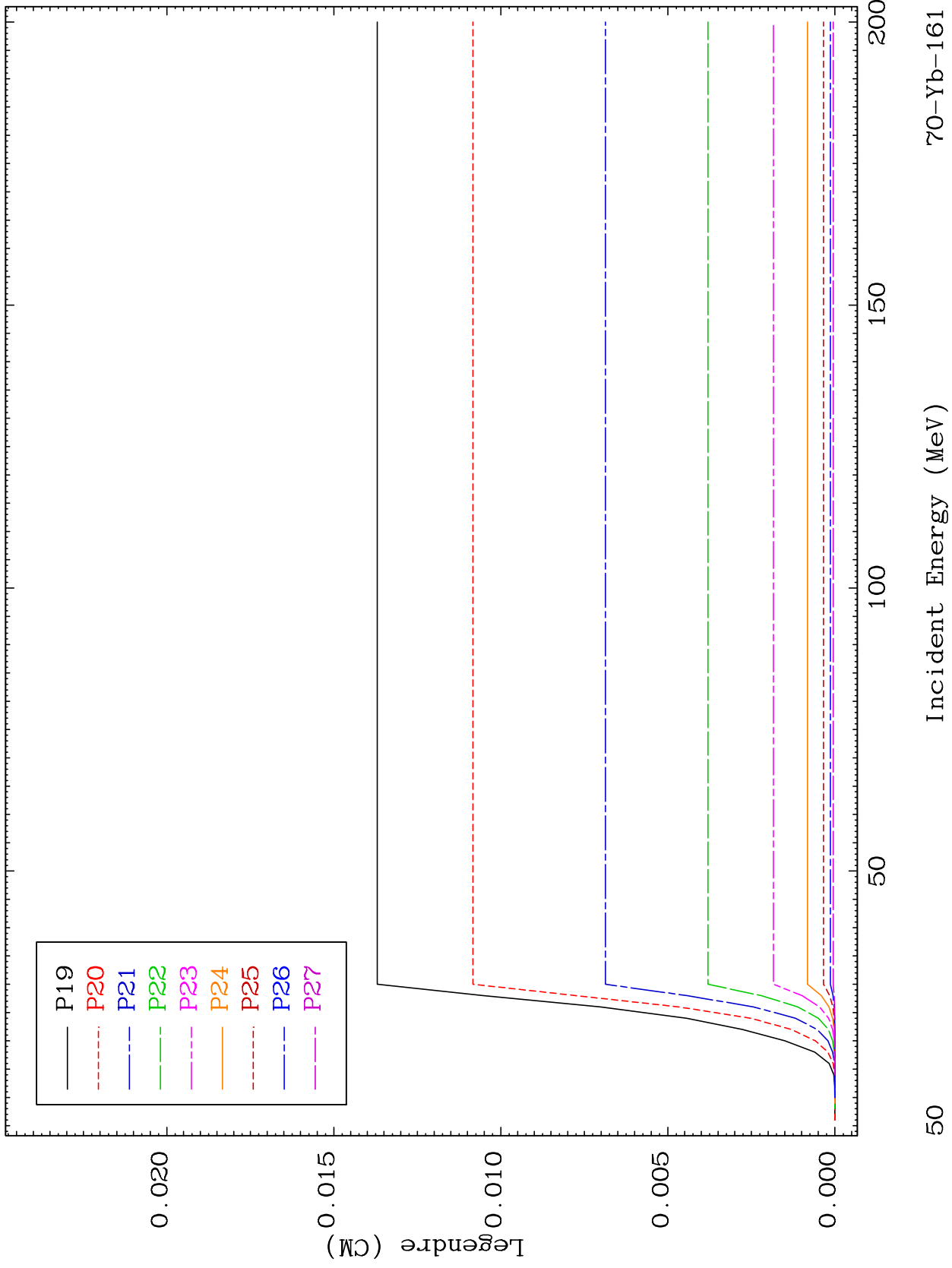
Incident Energy (MeV)

70-Yb-161

MAT 7004

MT= 58 (n,n') Level
Legendre Coefficients

70-Yb-161



70-Yb-161

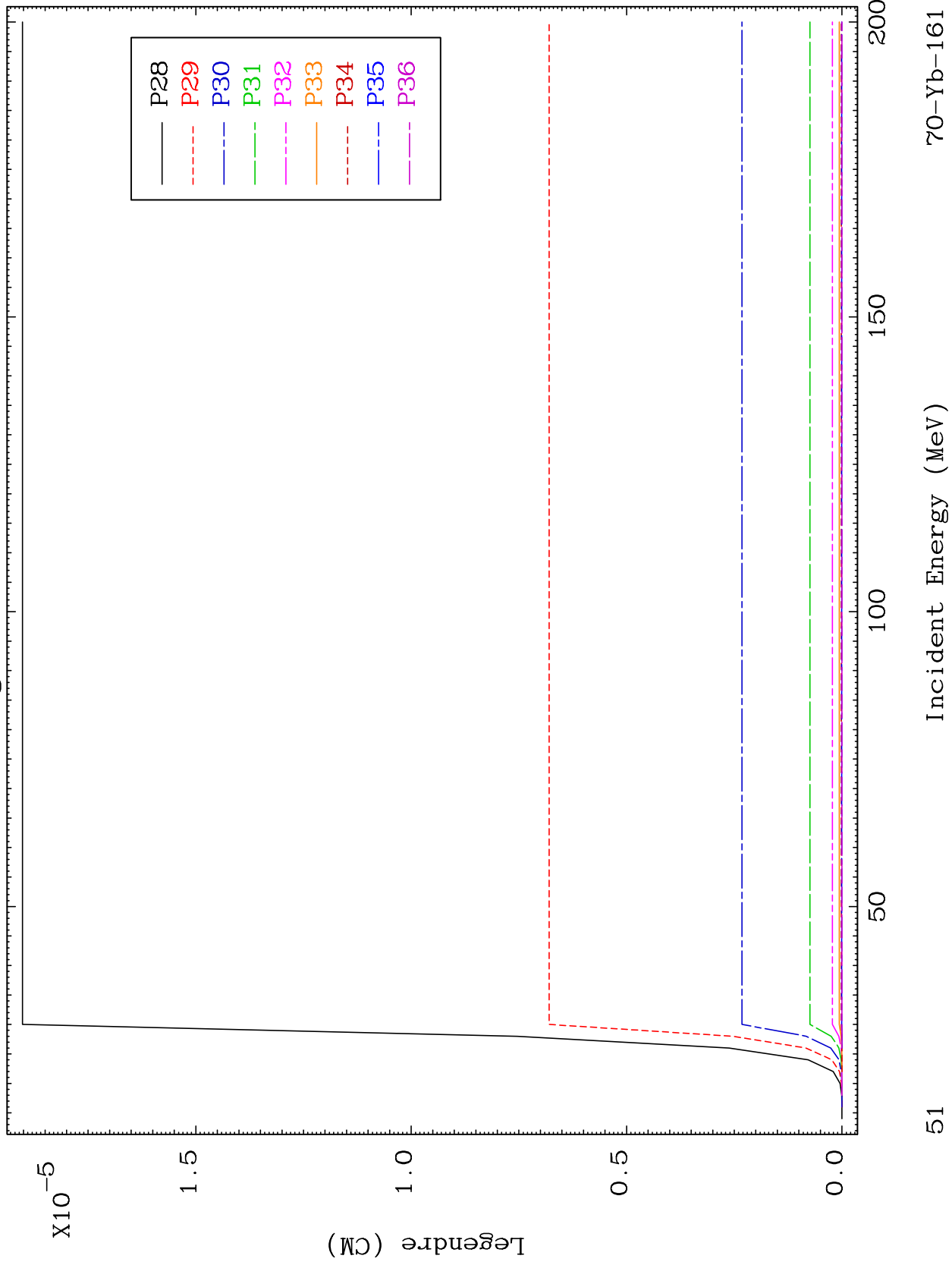
Incident Energy (MeV)

50

MAT 7004

MT= 58 (n,n') Level
Legendre Coefficients

70-Yb-161

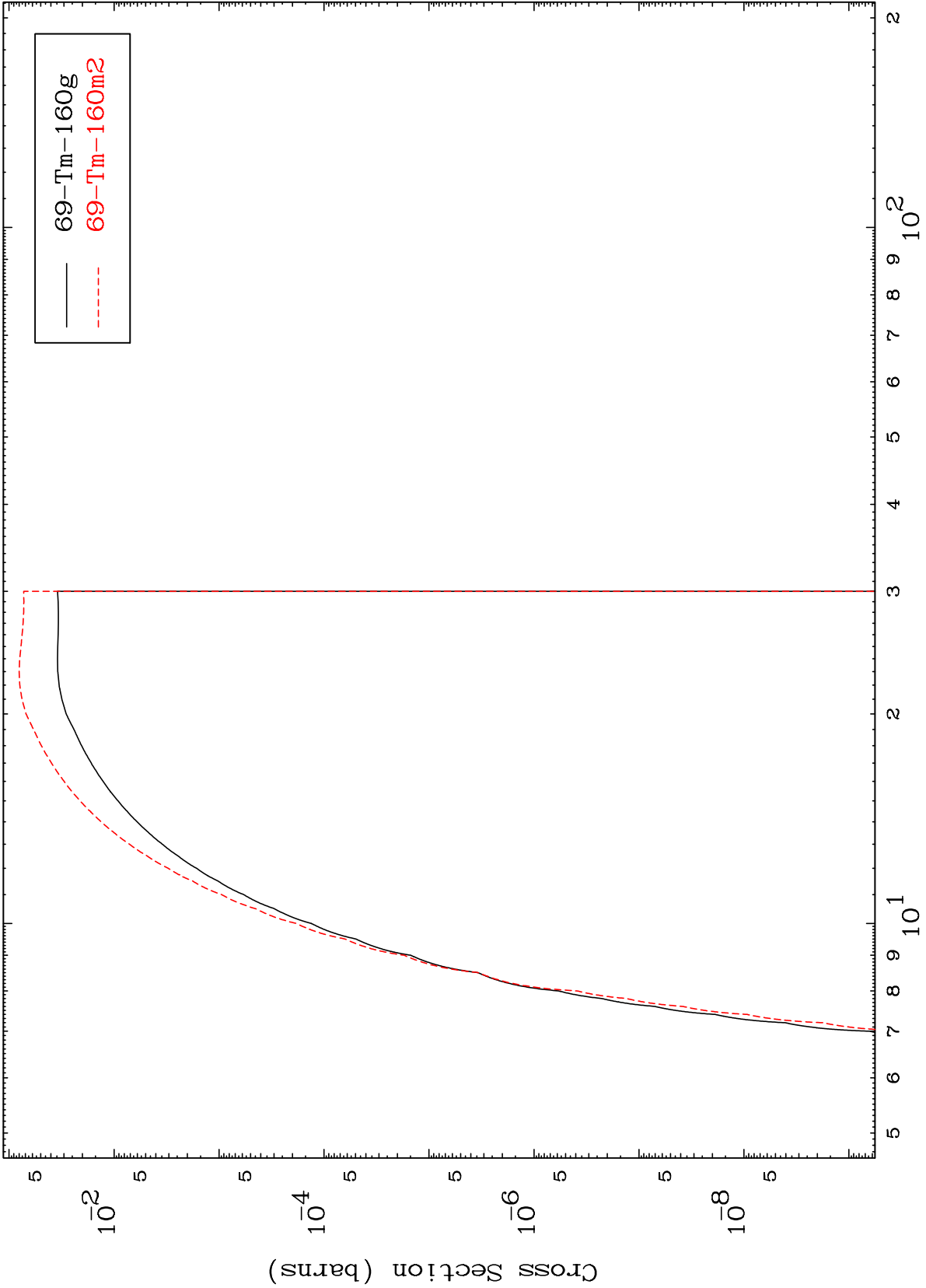


51

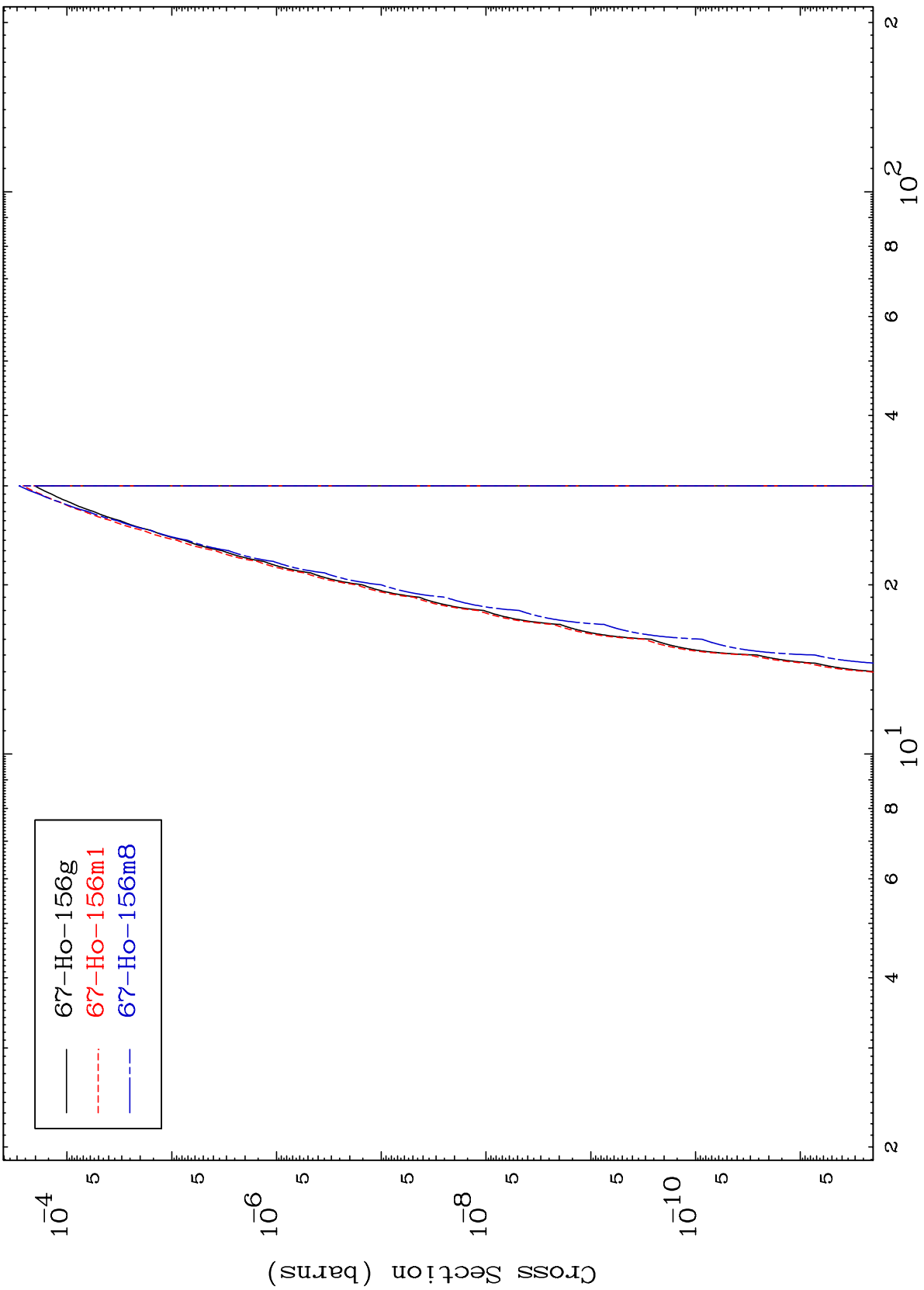
Incident Energy (MeV)

70-Yb-161

(n, n') p
Radionuclide Production Cross Section



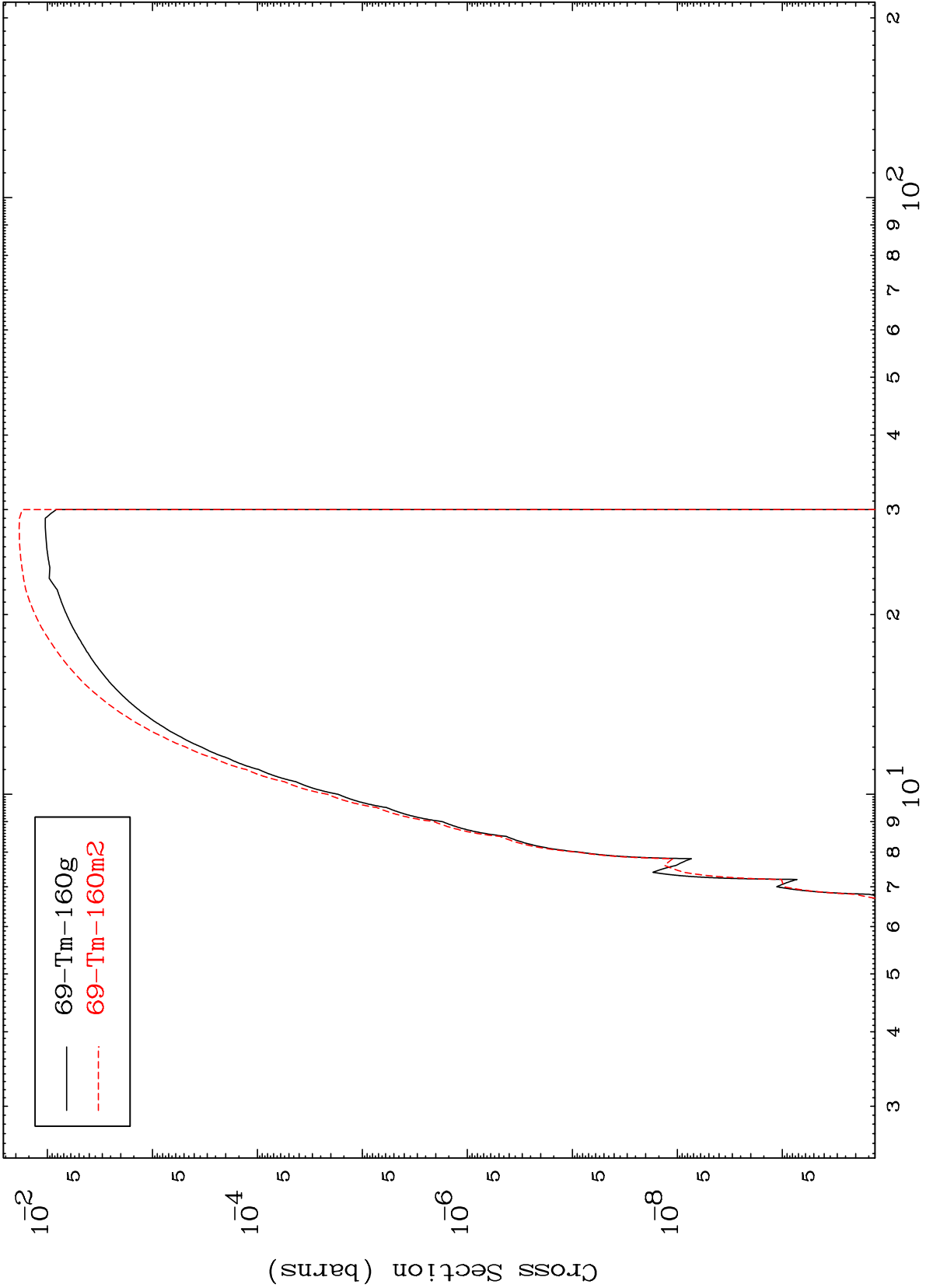
Radionuclide Production Cross Section



MAT 7004

70-Yb-161

(n,d)
Radionuclide Production Cross Section



Incident Energy (MeV)

70-Yb-161

54

MAT 7004

(n,d) α

70-Yb-161

Radionuclide Production Cross Section

