

Program EVALPLOT
(Version 2015-2)

by

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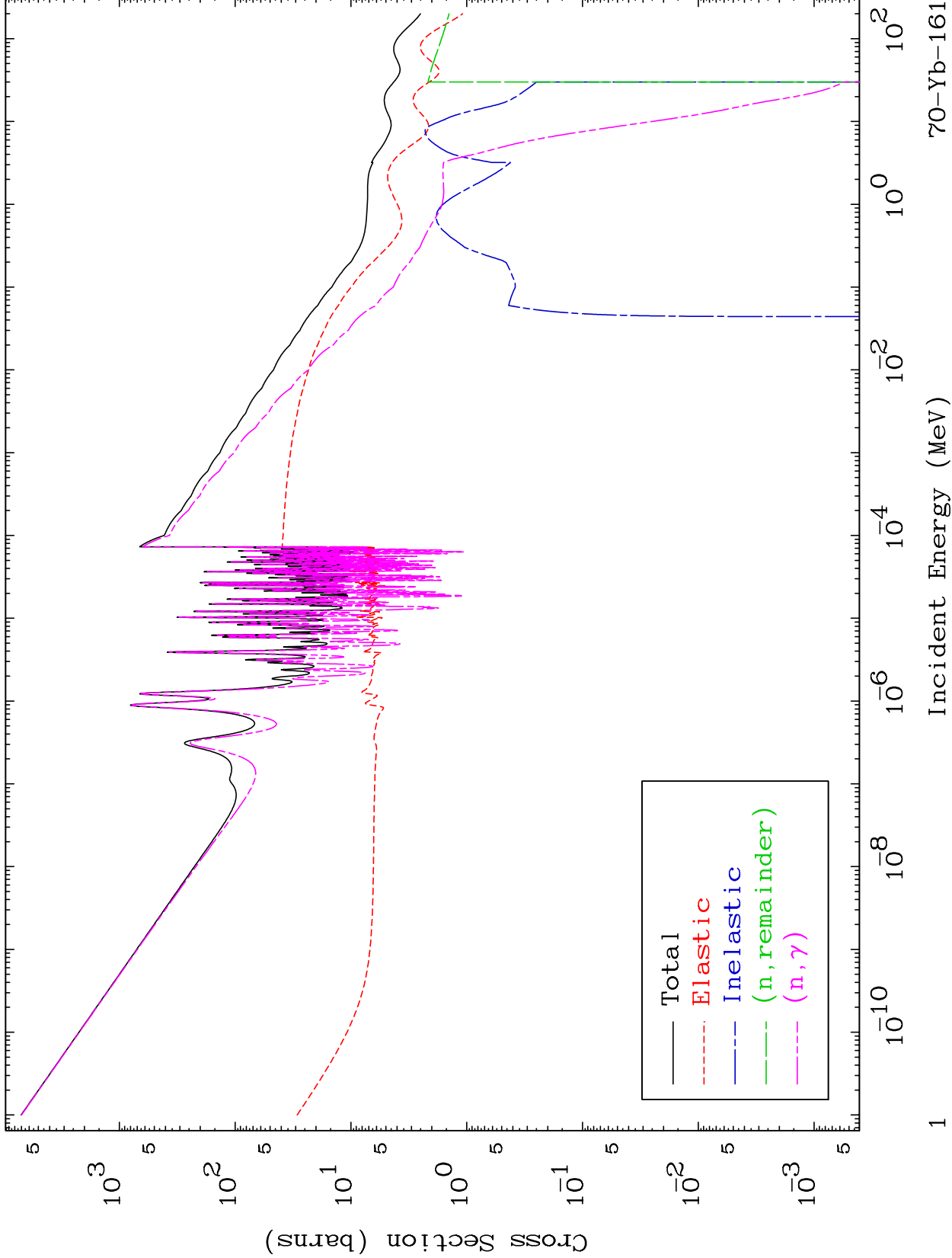
Press Mouse Button to Start

MAT 7004

Major

293 Kelvin Cross Sections

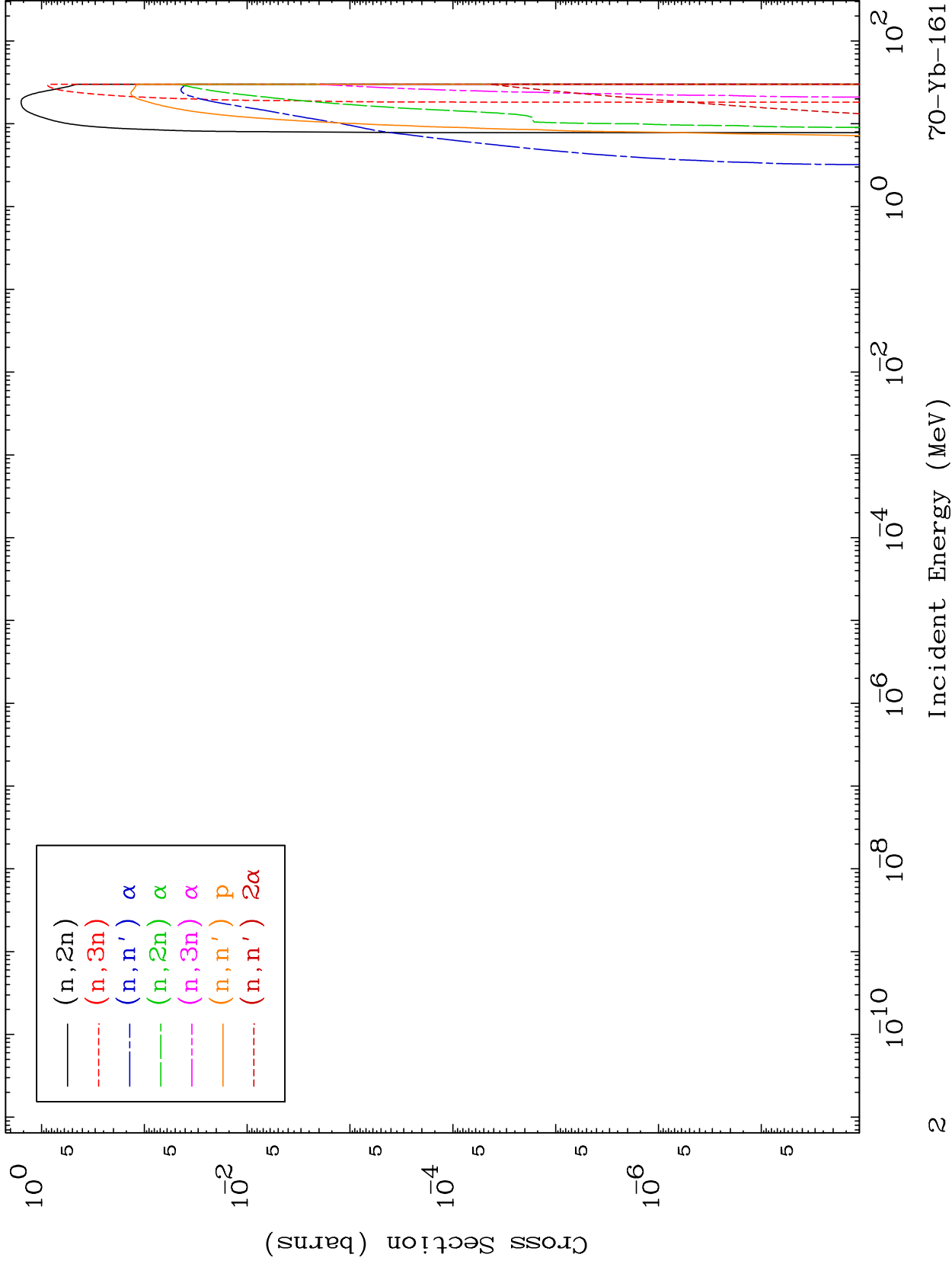
70-Yb-161



MAT 7004

Neutron Production
293 Kelvin Cross Sections

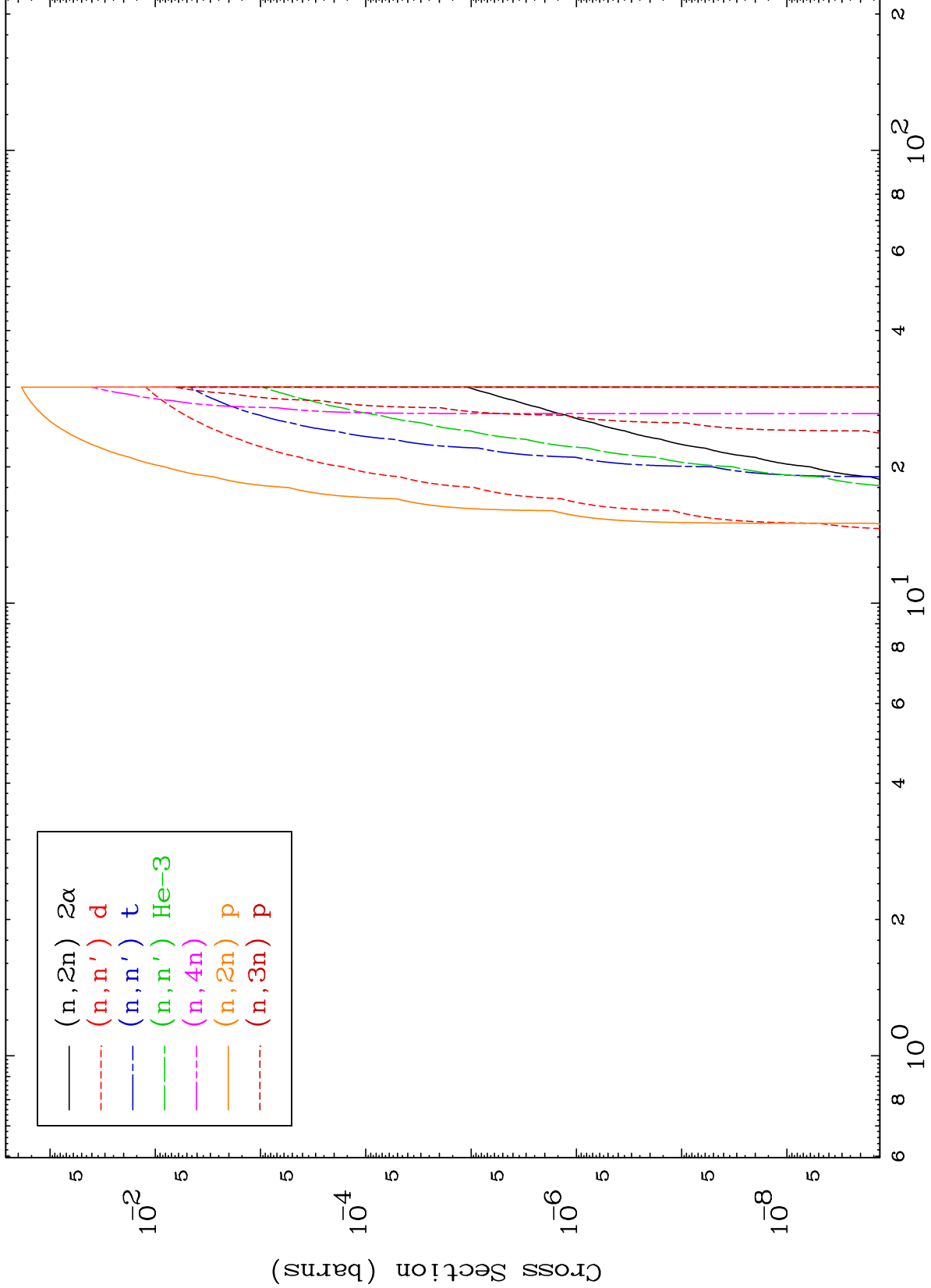
70-Yb-161



MAT 7004

Neutron Production
293 Kelvin Cross Sections

70-Yb-161



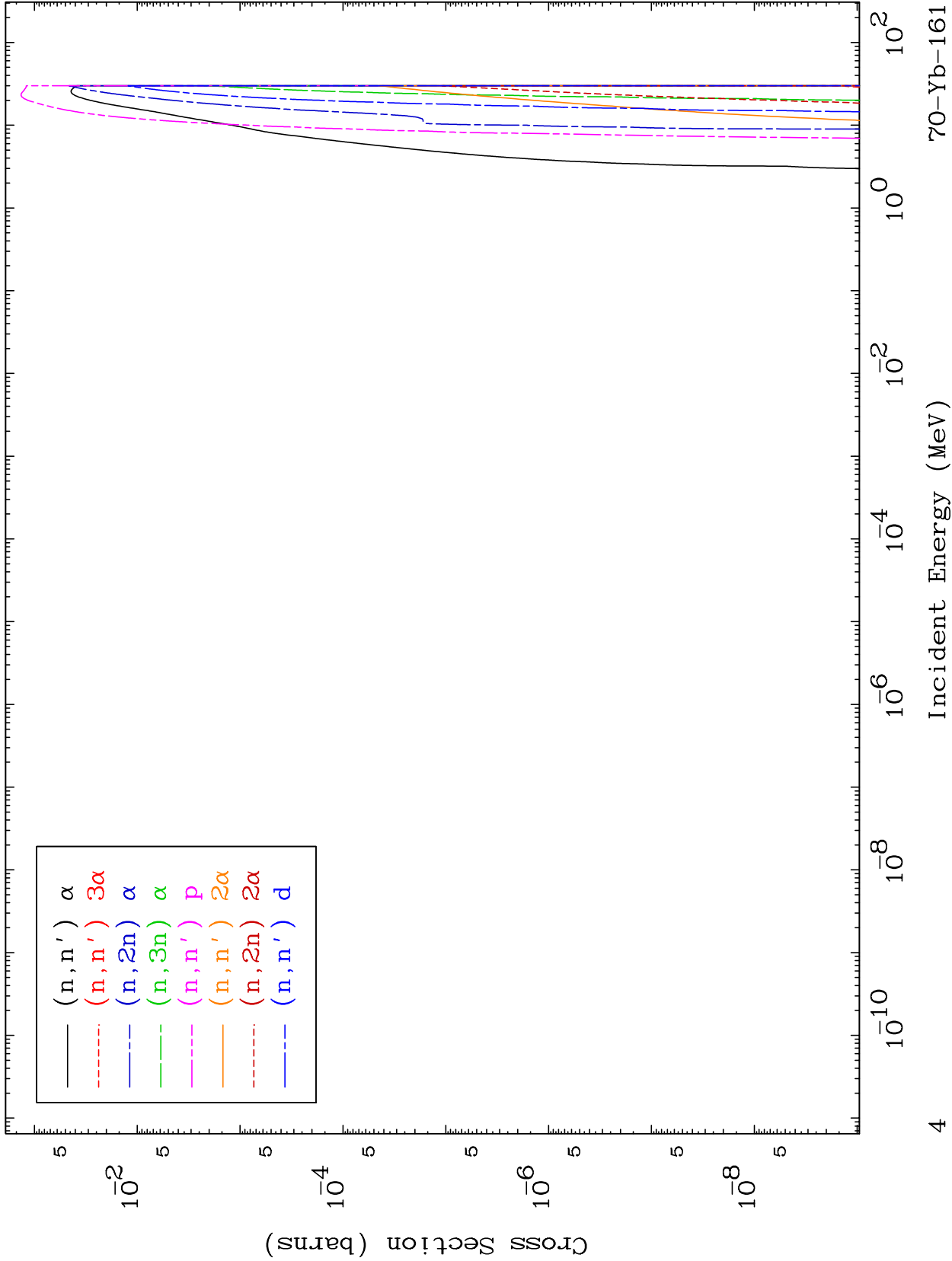
Incident Energy (MeV)

70-Yb-161

MAT 7004

Charged Particle
293 Kelvin Cross Sections

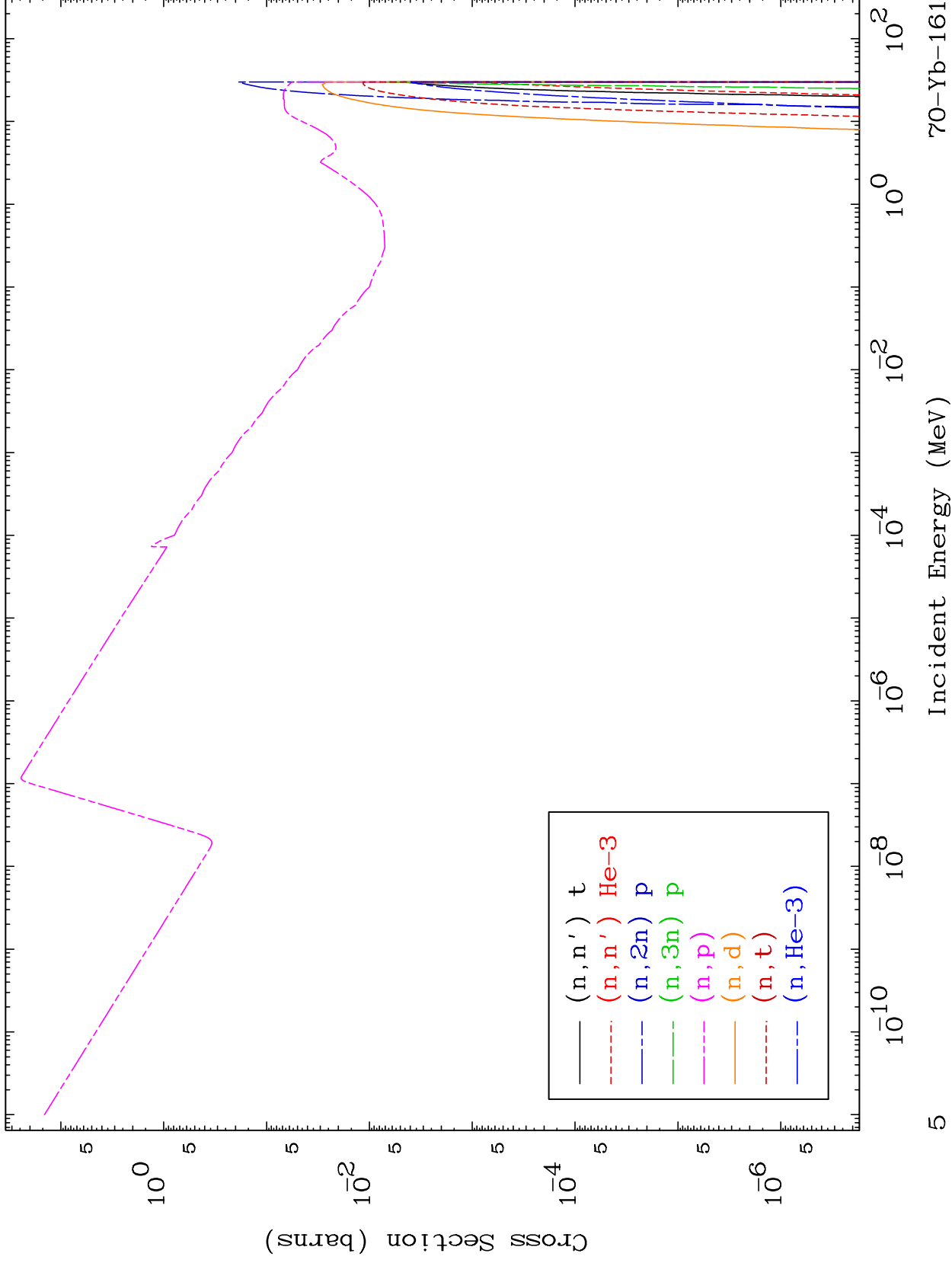
70-Yb-161



MAT 7004

Charged Particle
293 Kelvin Cross Sections

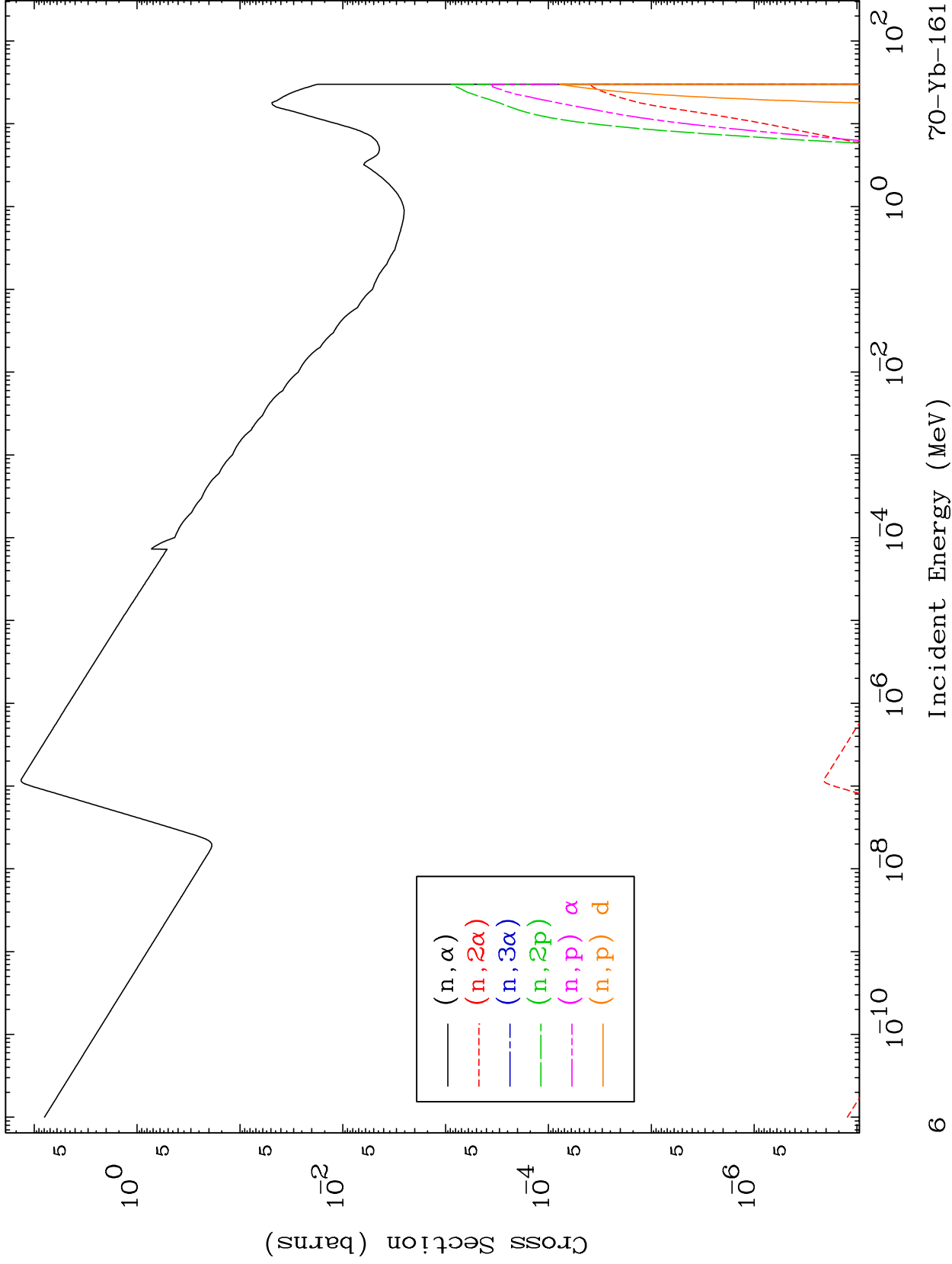
70-Yb-161



MAT 7004

Charged Particle
293 Kelvin Cross Sections

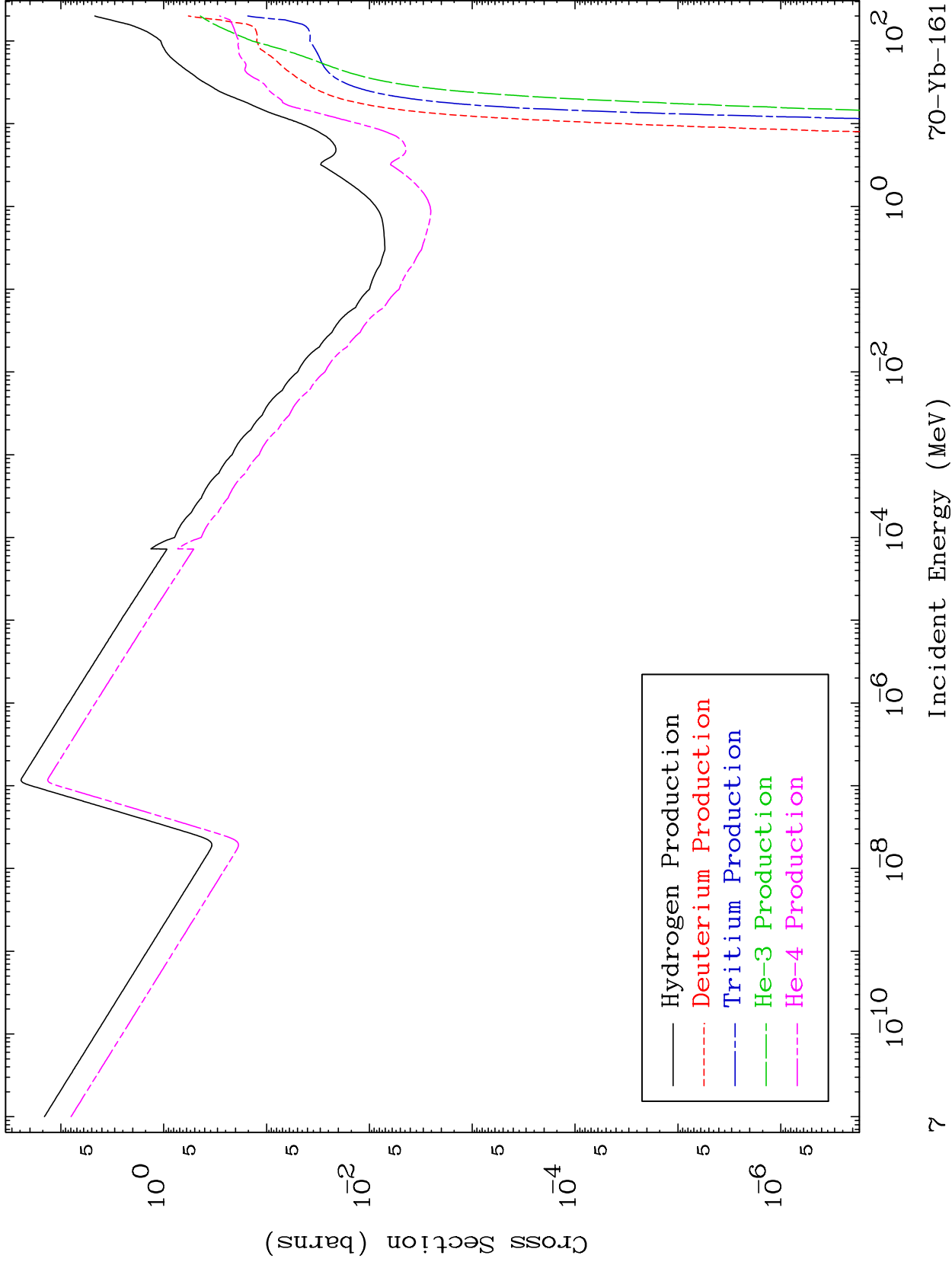
70-Yb-161

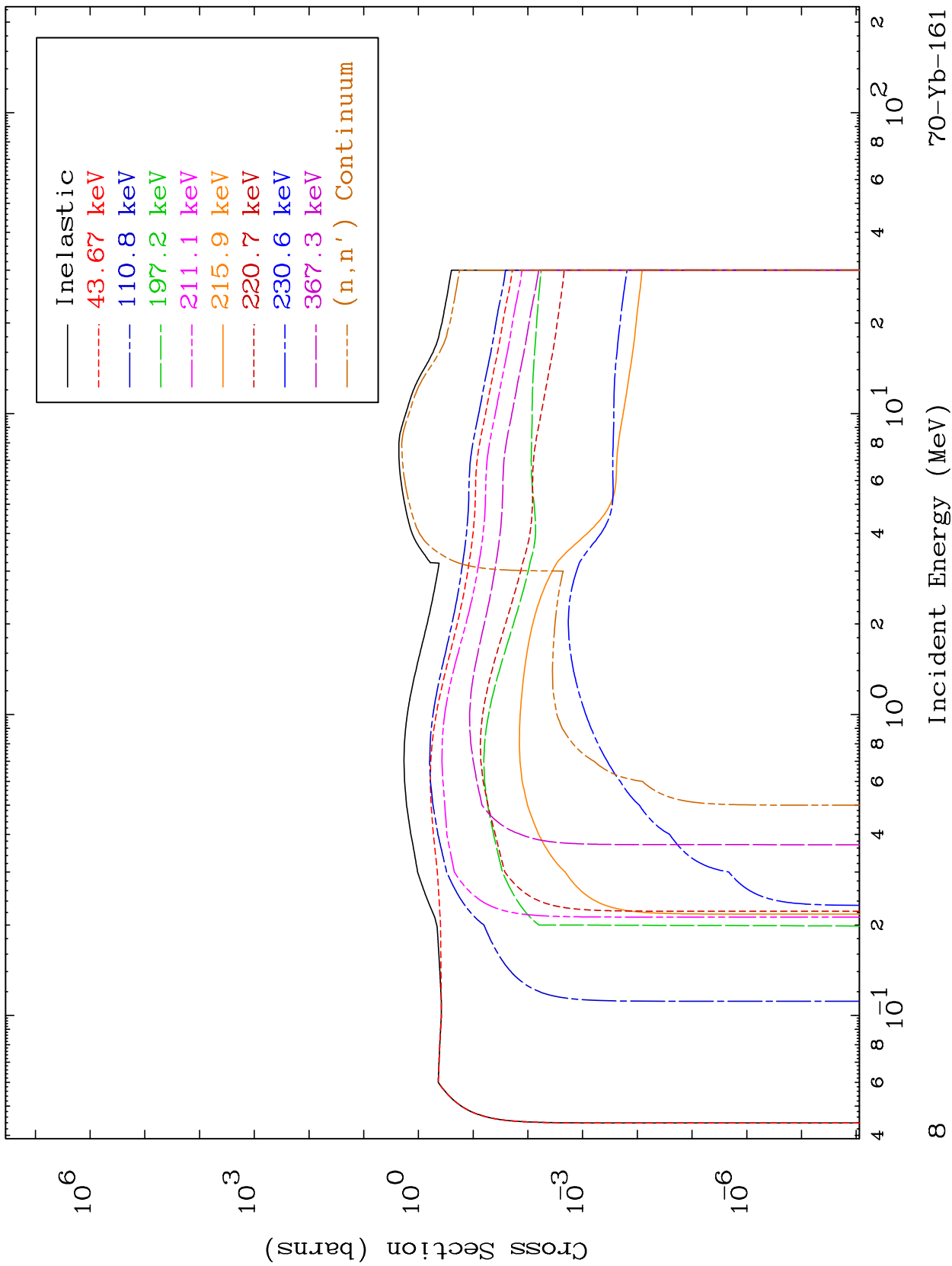


MAT 7004

Particle Production
293 Kelvin Cross Sections

70-Yb-161

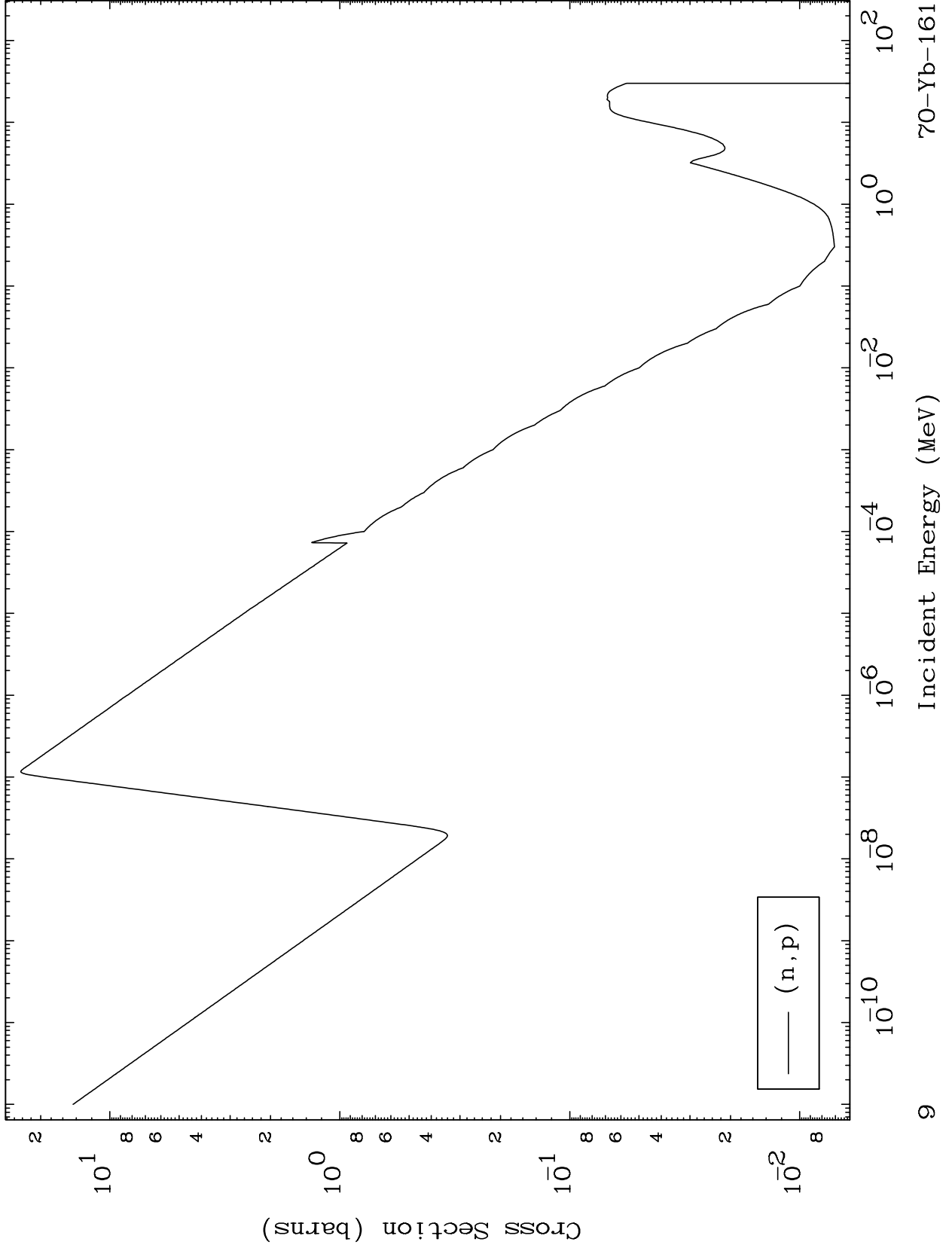




MAT 7004

(n,p) Levels
293 Kelvin Cross Sections

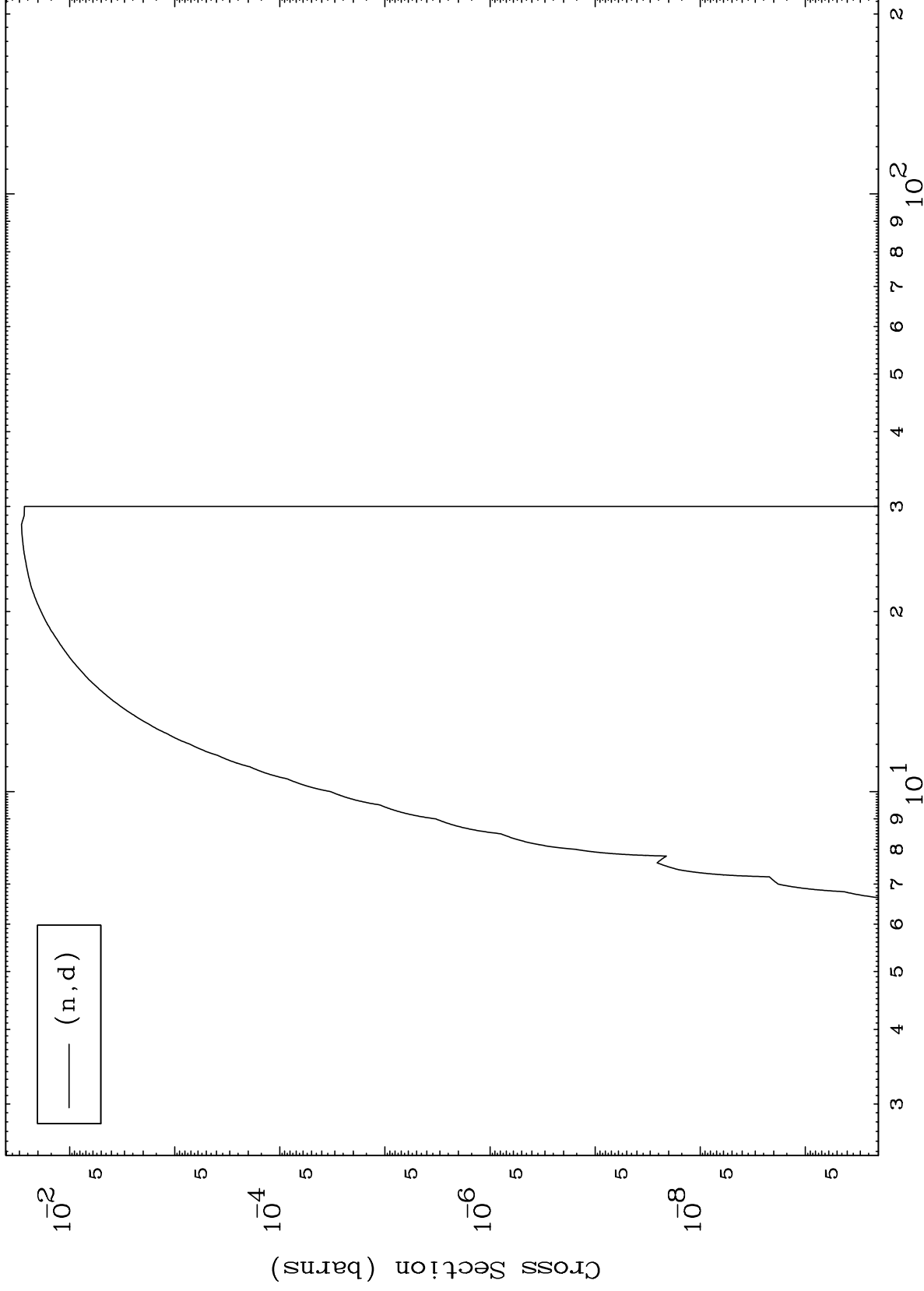
70-Yb-161



MAT 7004

(n,d) Levels
293 Kelvin Cross Sections

70-Yb-161



— (n,d)

10

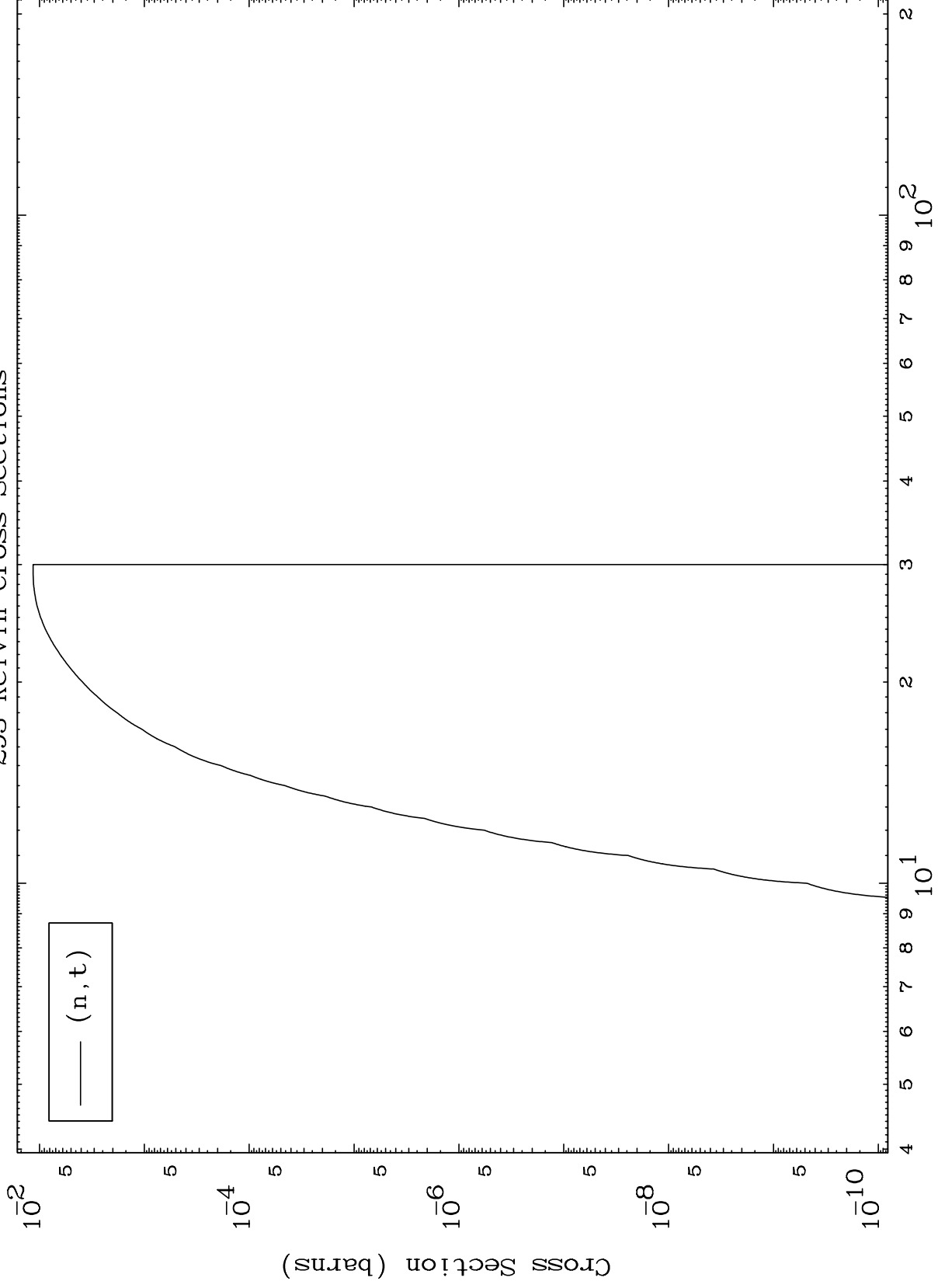
Incident Energy (MeV)

70-Yb-161

MAT 7004

(n,t) Levels
293 Kelvin Cross Sections

70-Yb-161



11

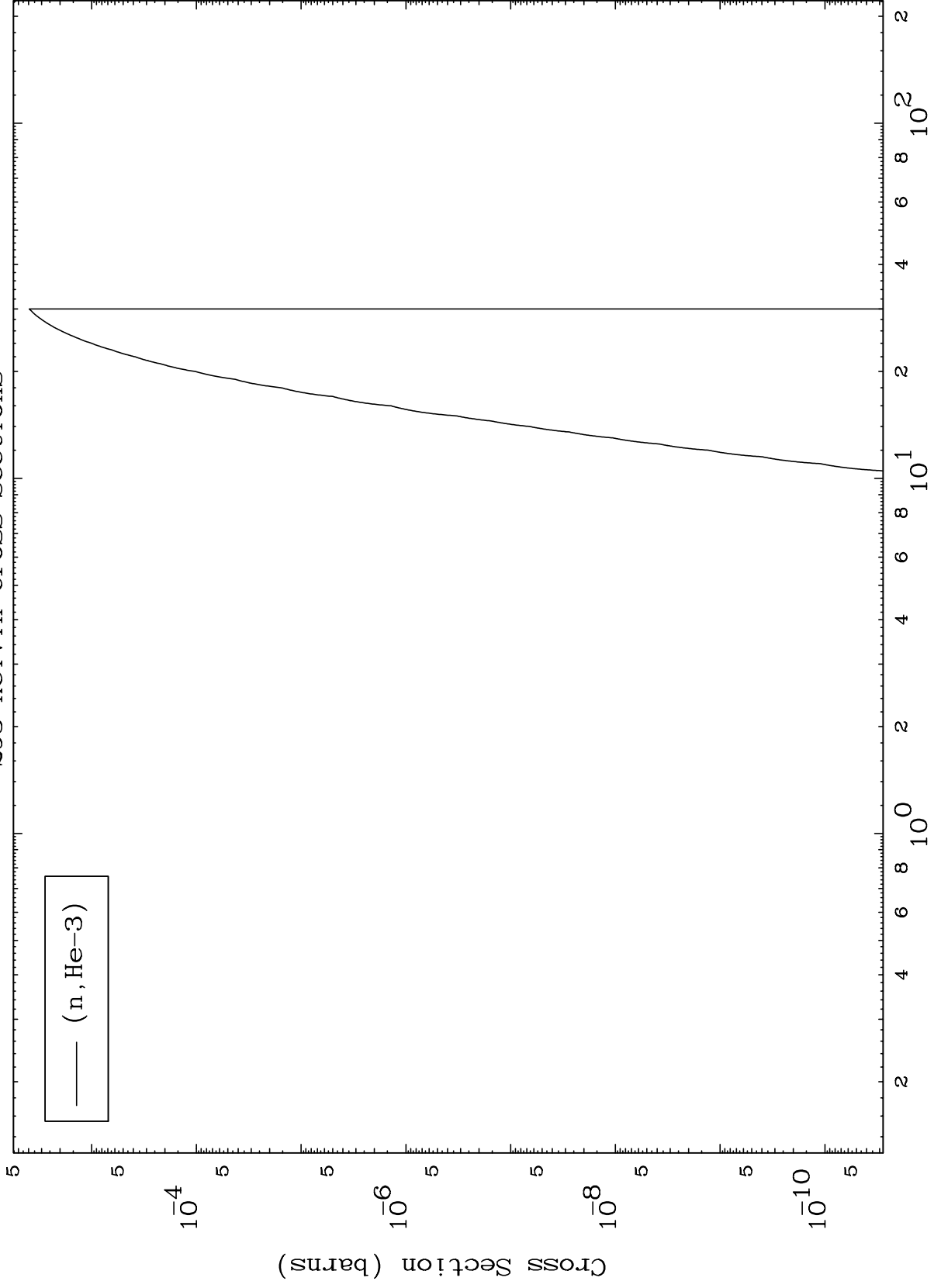
Incident Energy (MeV)

70-Yb-161

MAT 7004

(n,He3) Levels
293 Kelvin Cross Sections

70-Yb-161



12

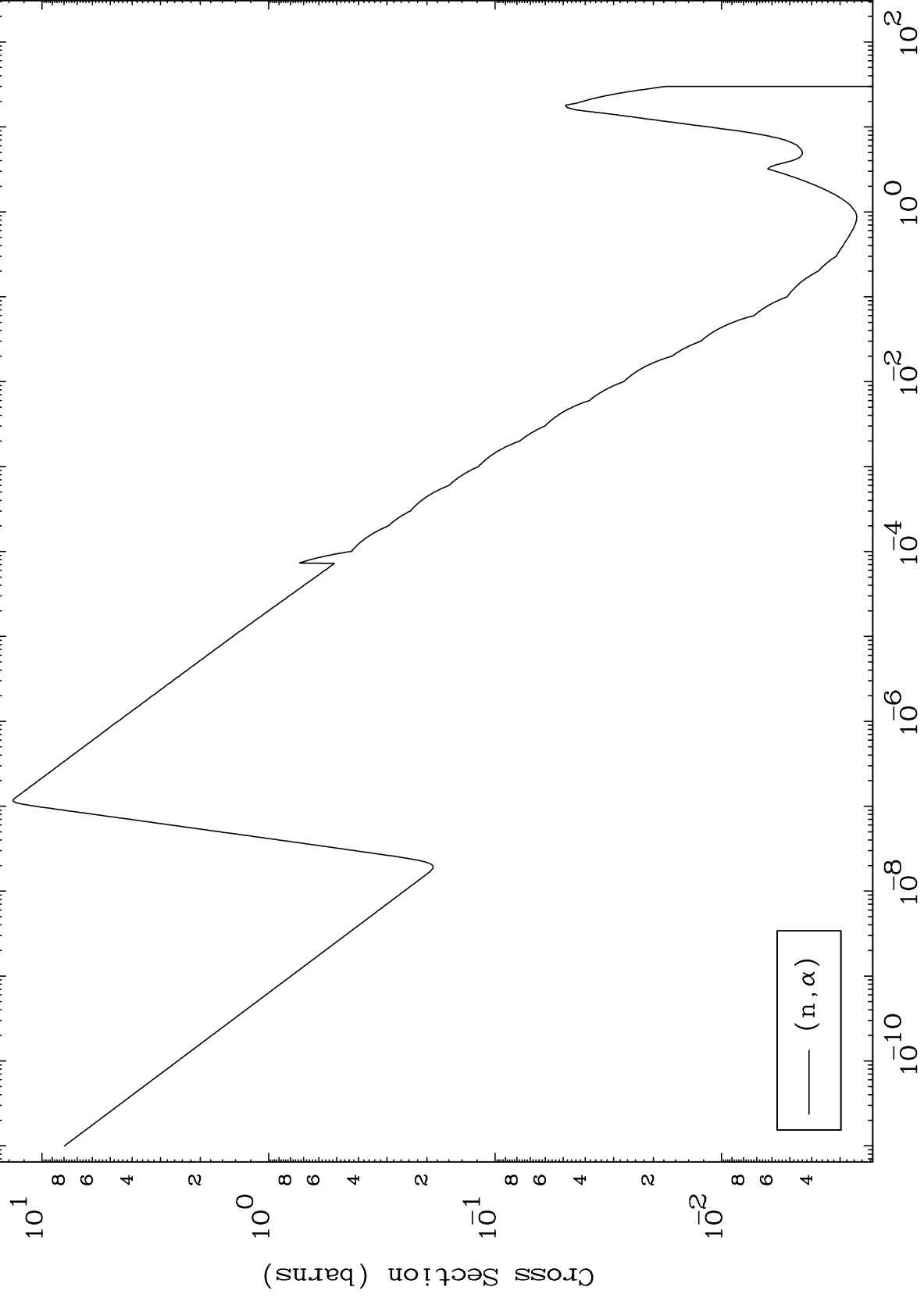
Incident Energy (MeV)

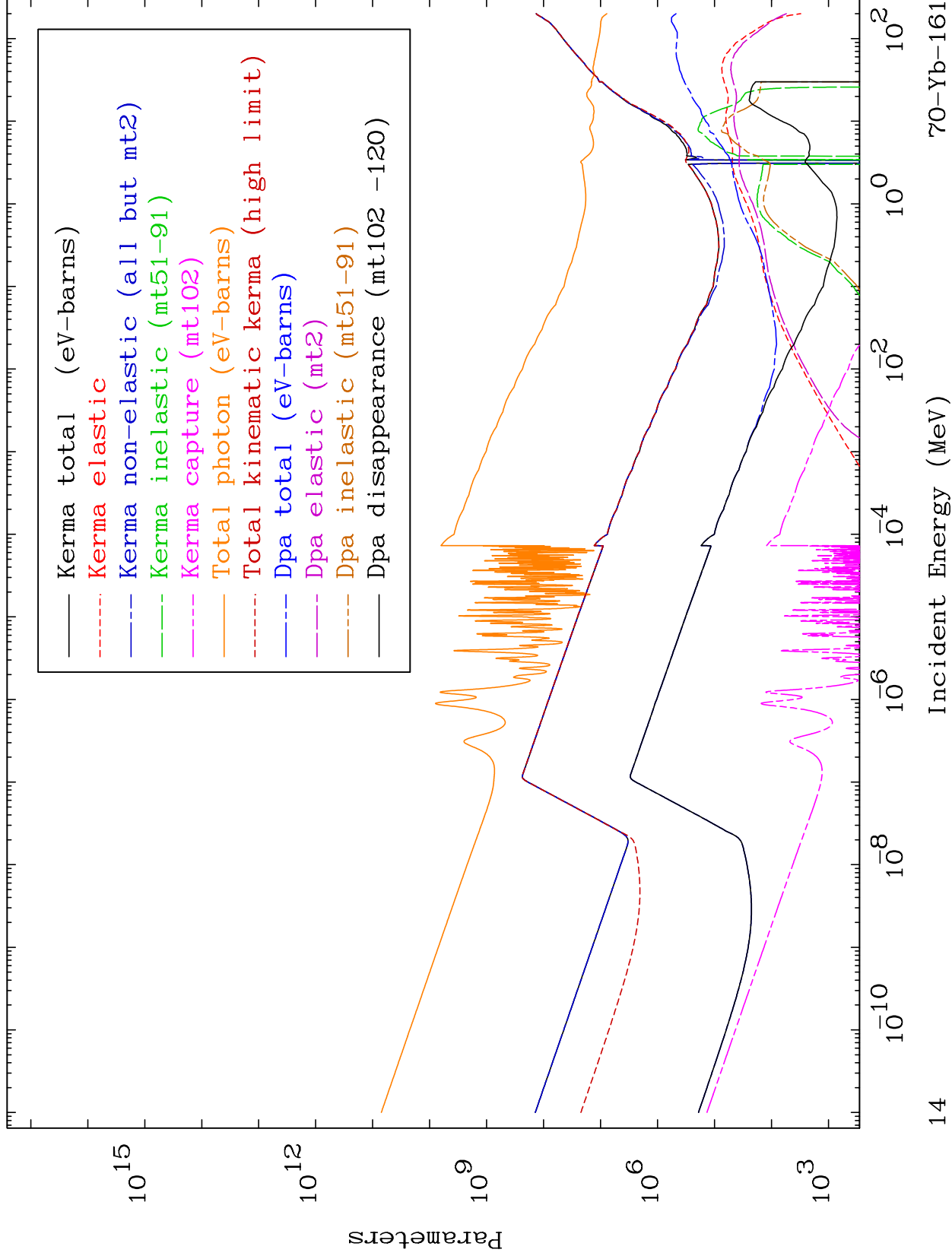
70-Yb-161

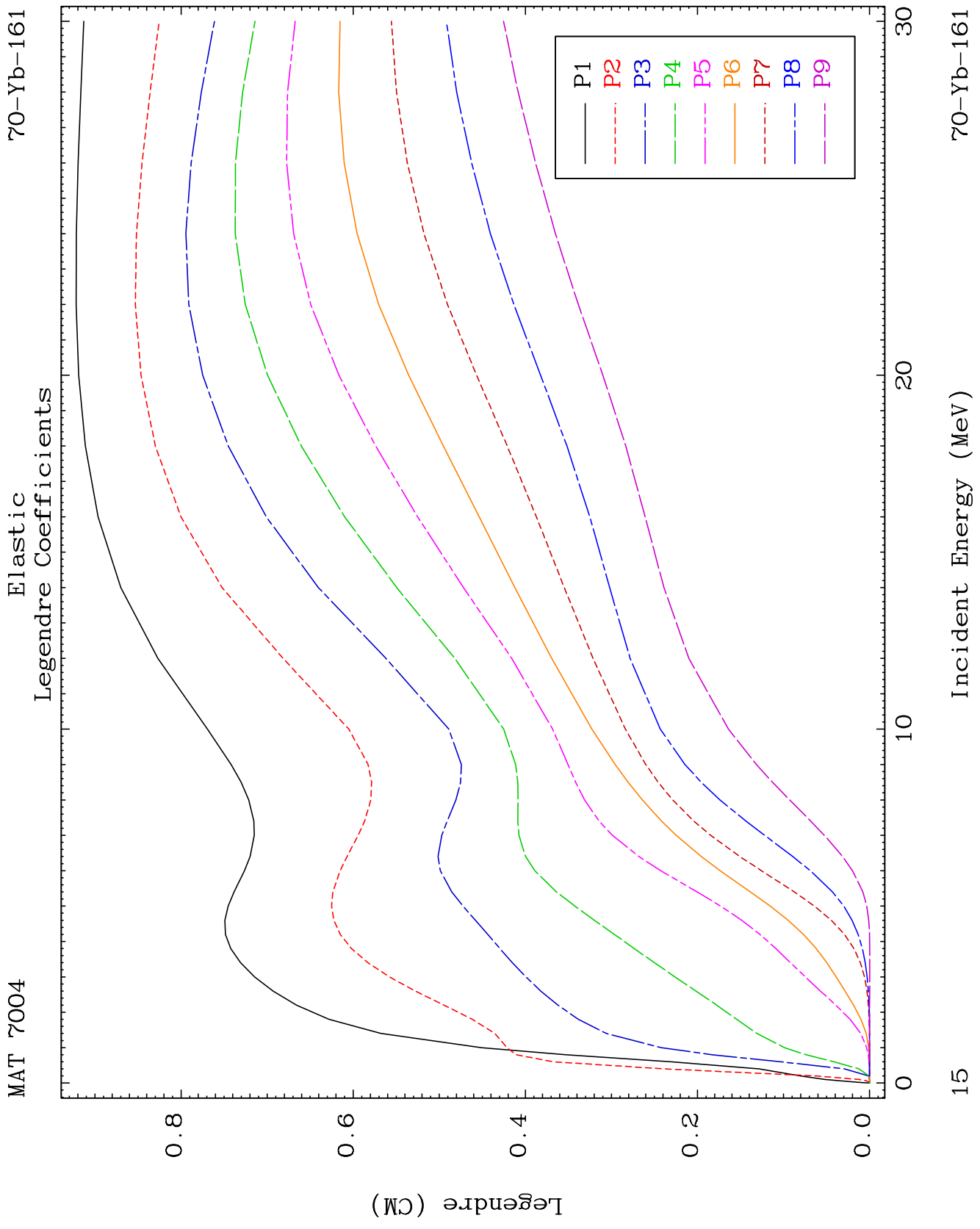
MAT 7004

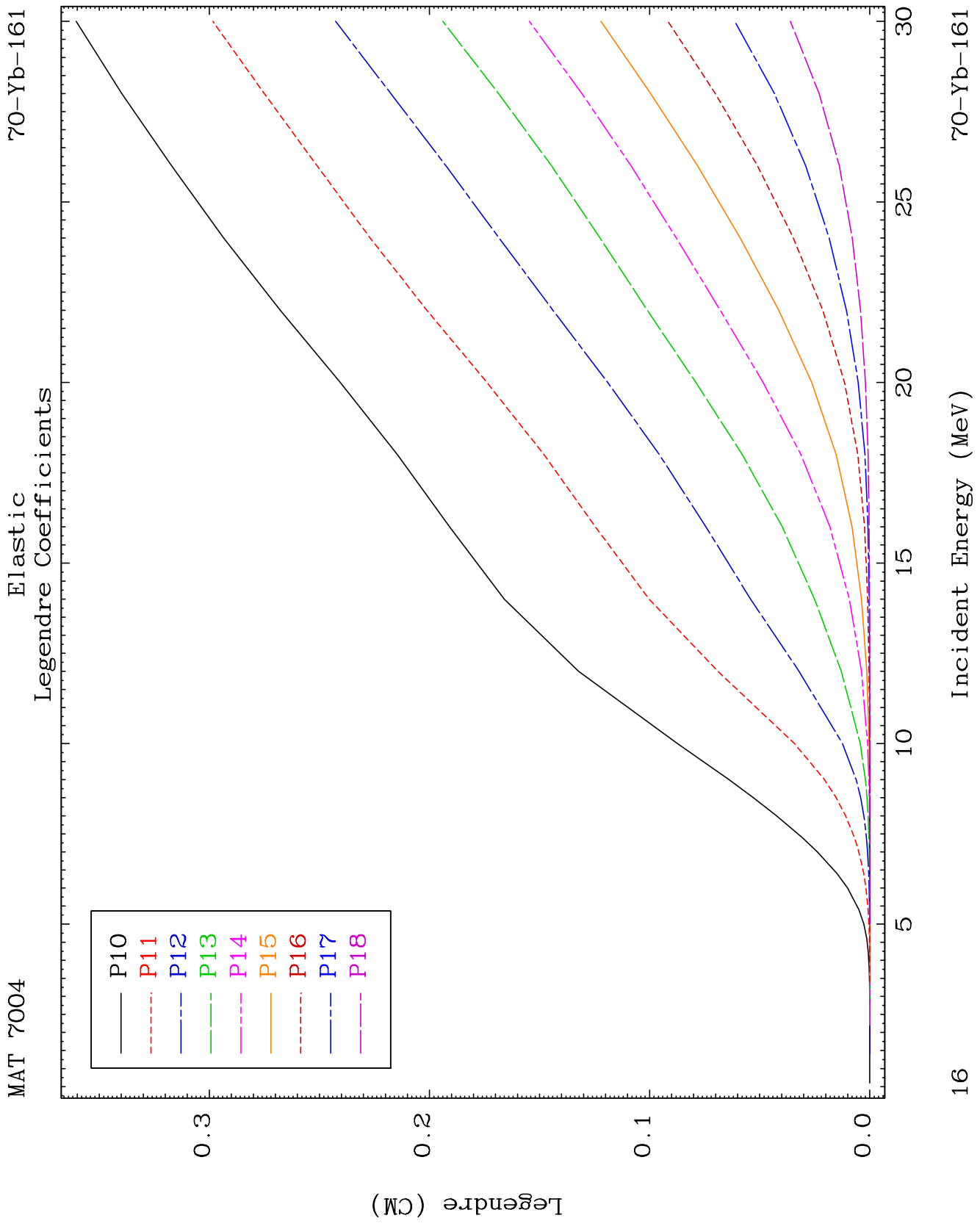
(n, α) Levels
293 Kelvin Cross Sections

70-Yb-161





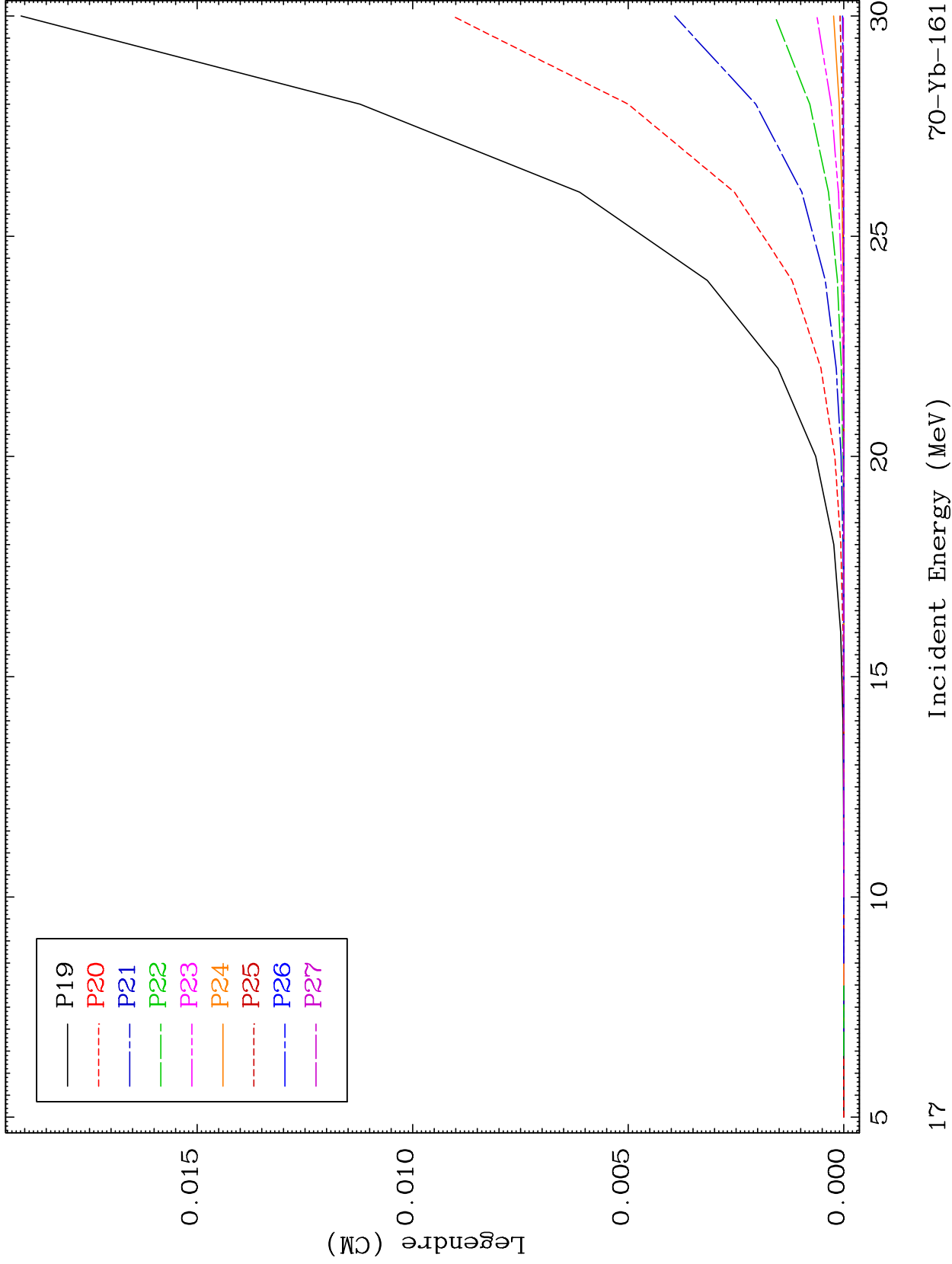




MAT 7004

Elastic Legendre Coefficients

70-Yb-161

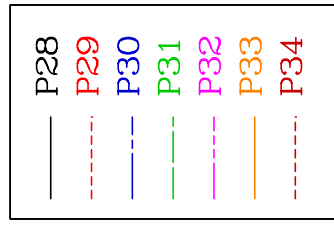


- P19
- P20
- P21
- P22
- P23
- P24
- P25
- P26
- P27

MAT 7004

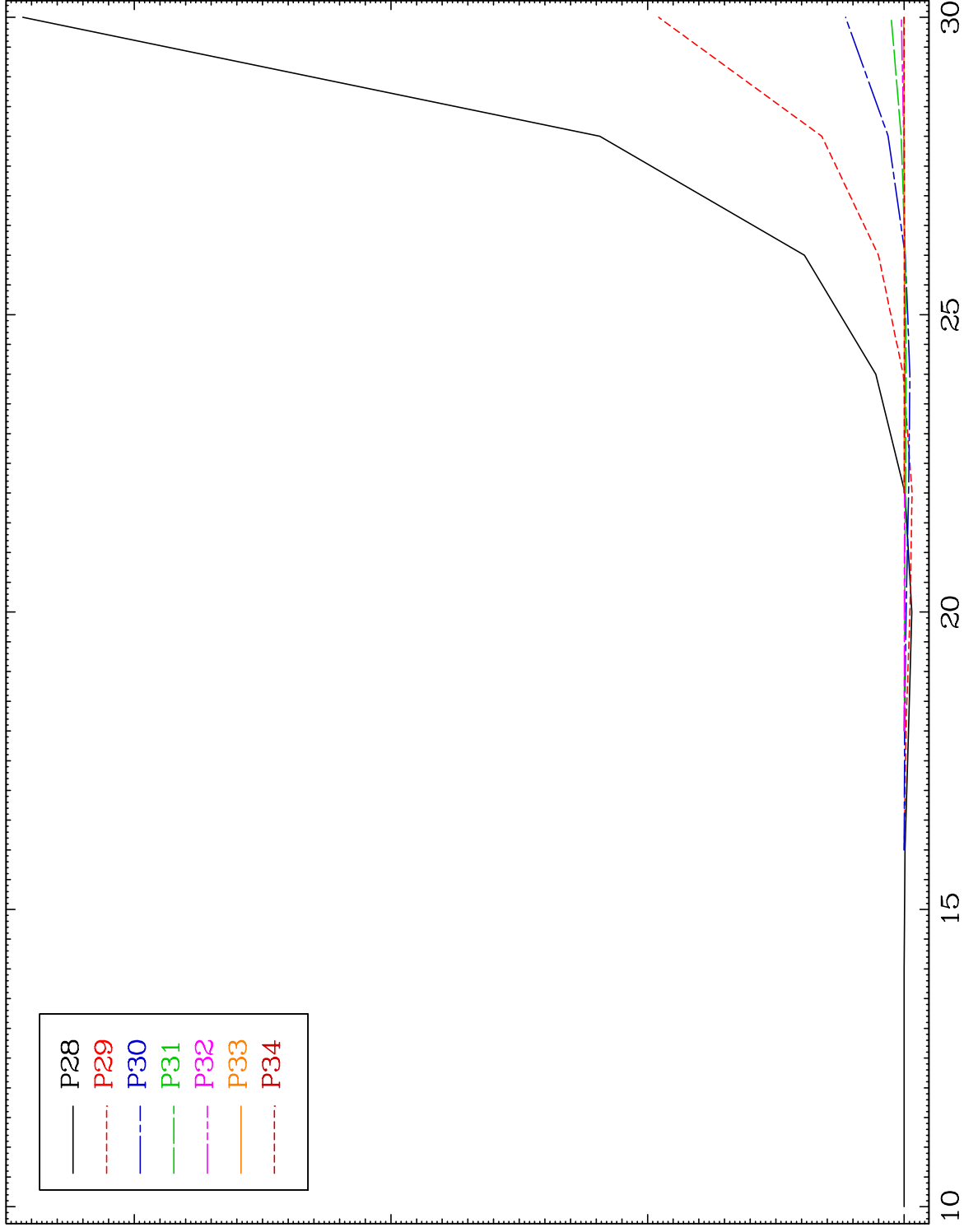
Elastic Legendre Coefficients

70-Yb-161



$\times 10^{-6}$

Legendre (CM)



10

15

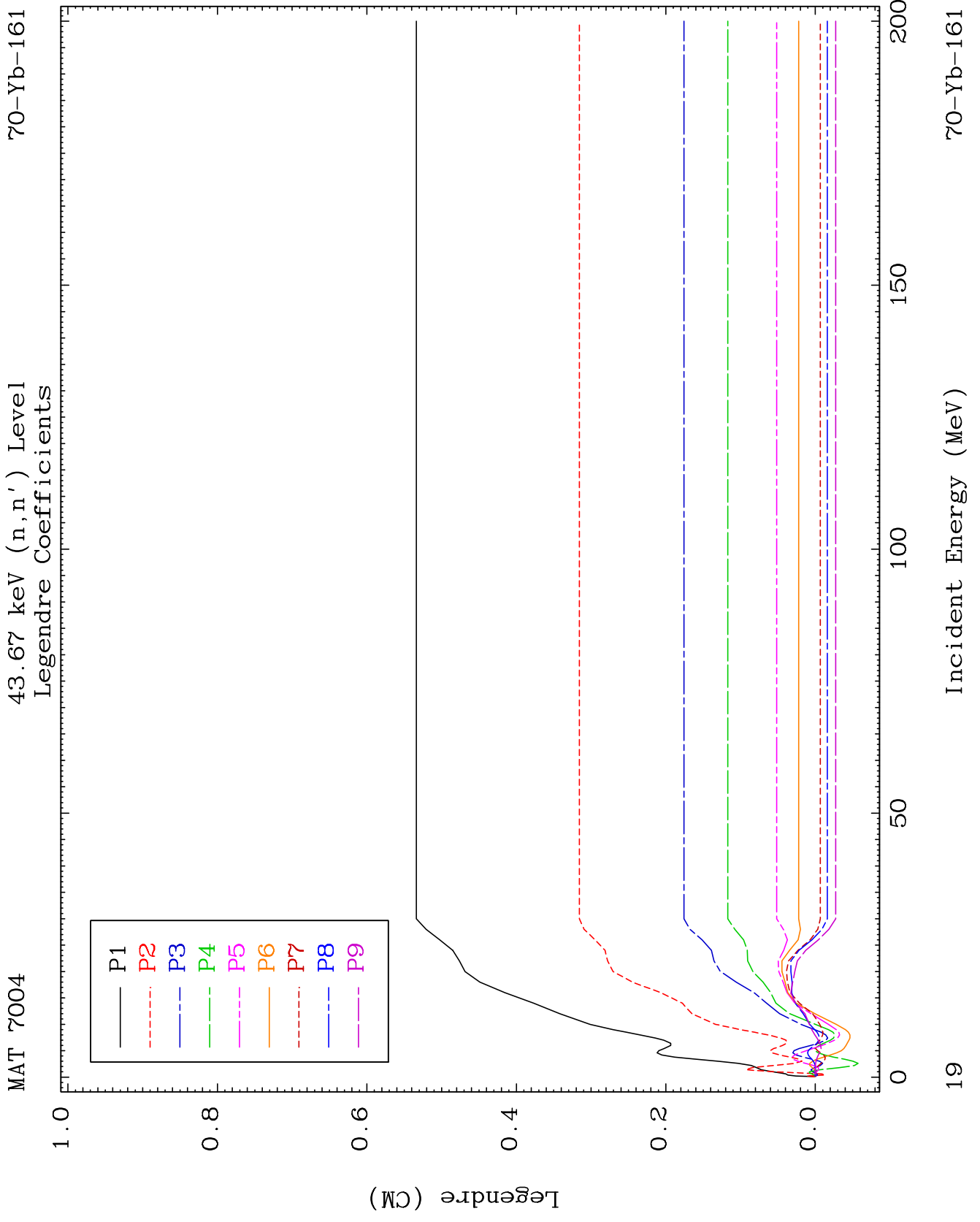
20

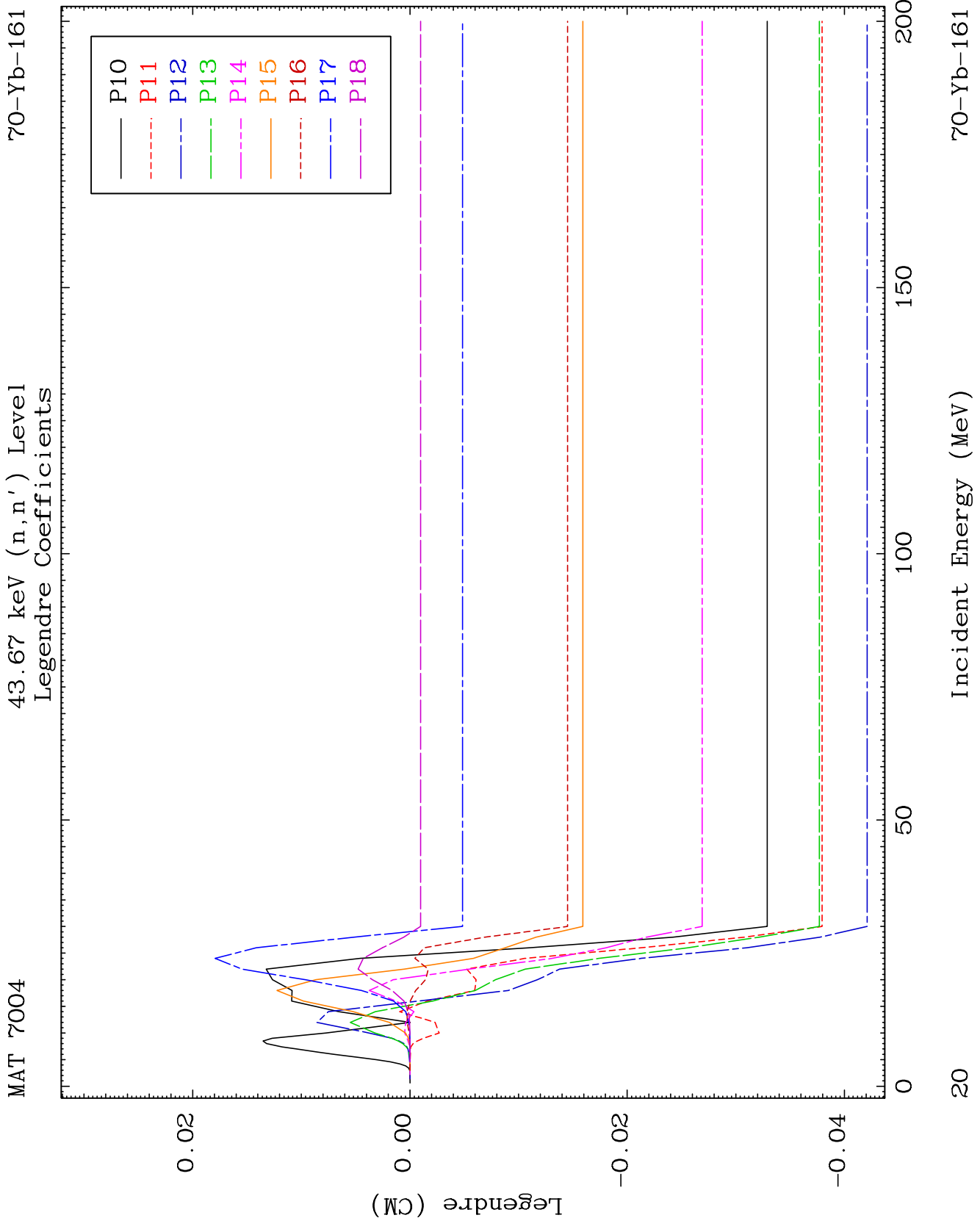
25

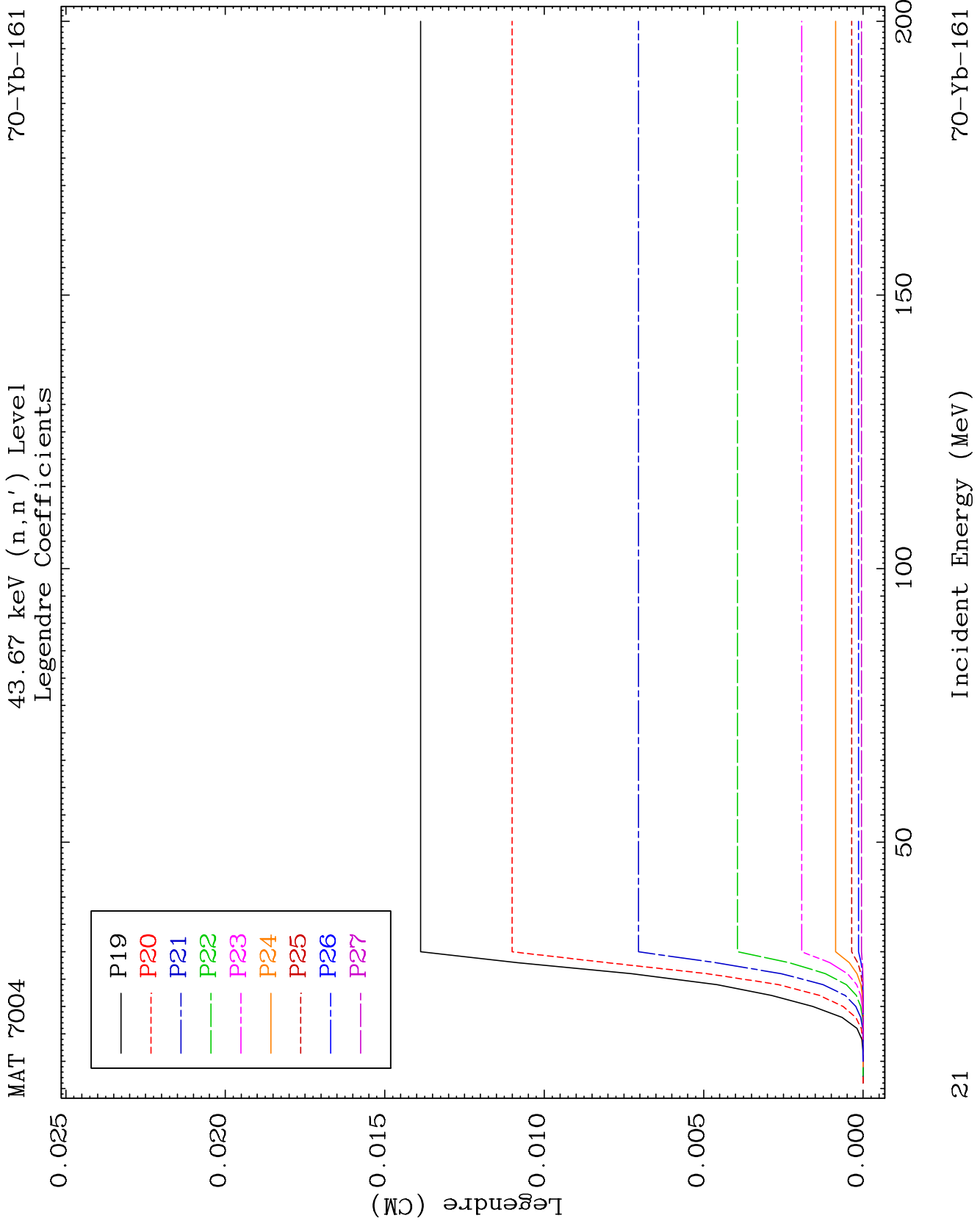
30

Incident Energy (MeV)

70-Yb-161



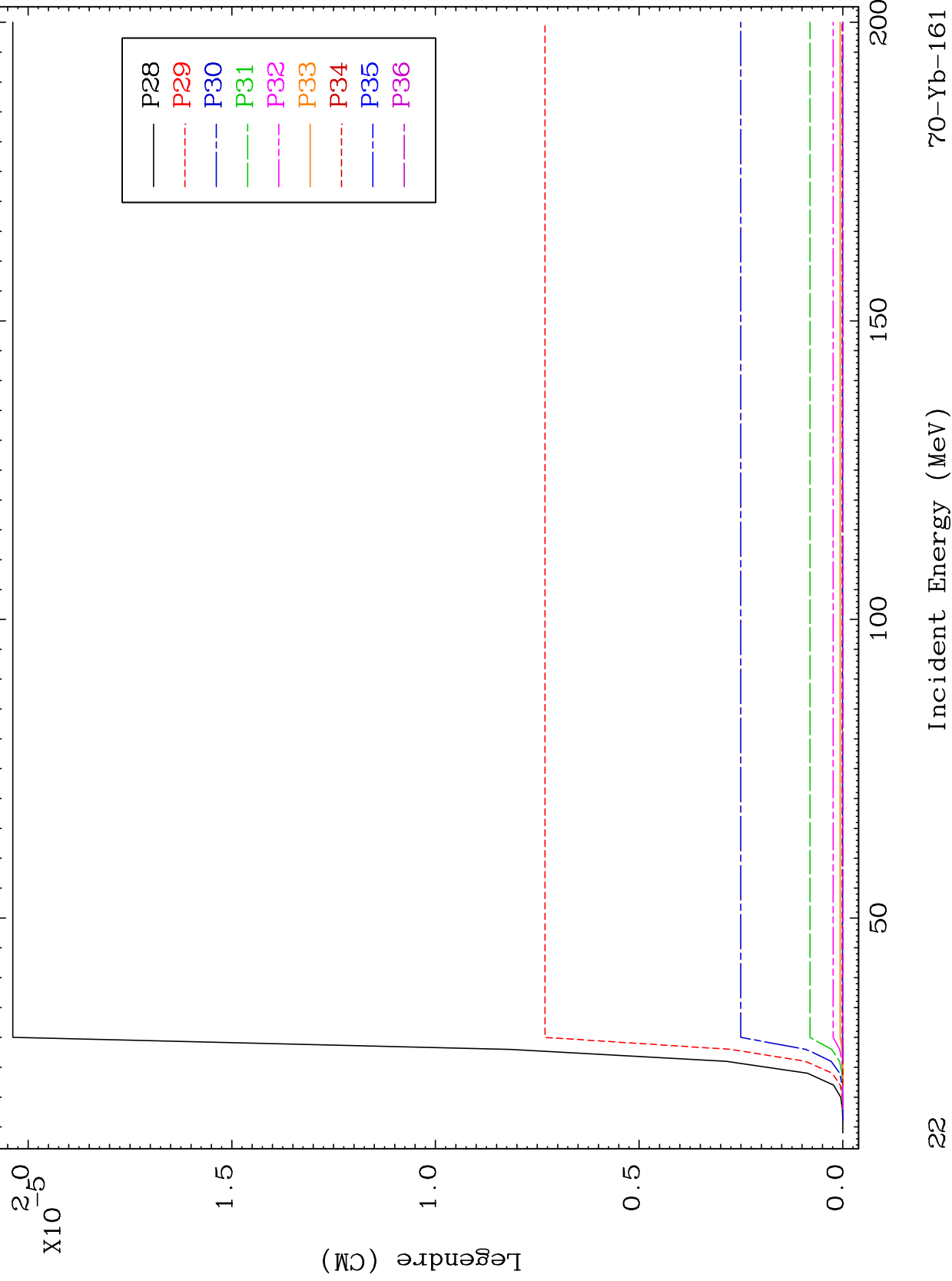




MAT 7004

43.67 keV (n,n') Level
Legendre Coefficients

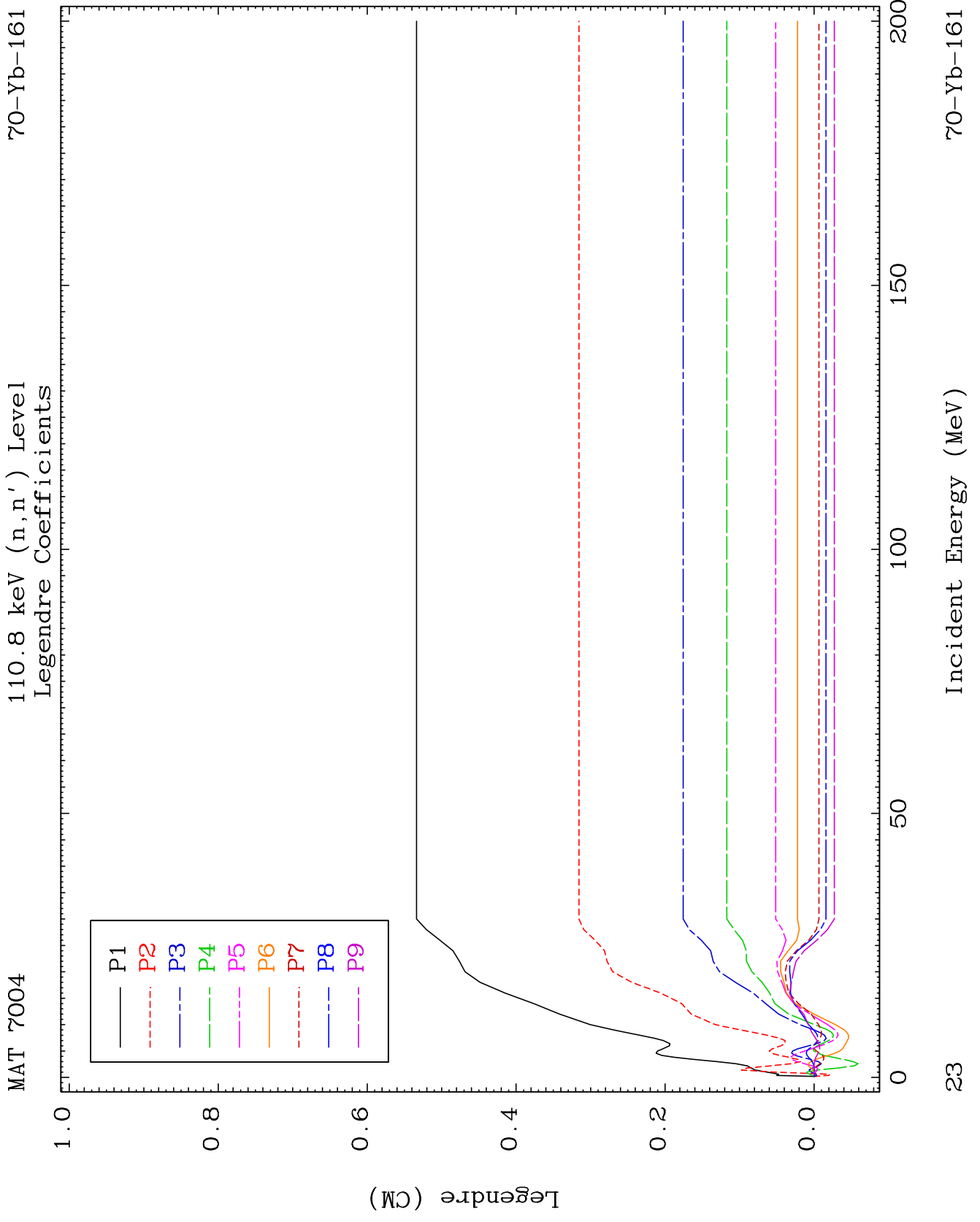
70-Yb-161

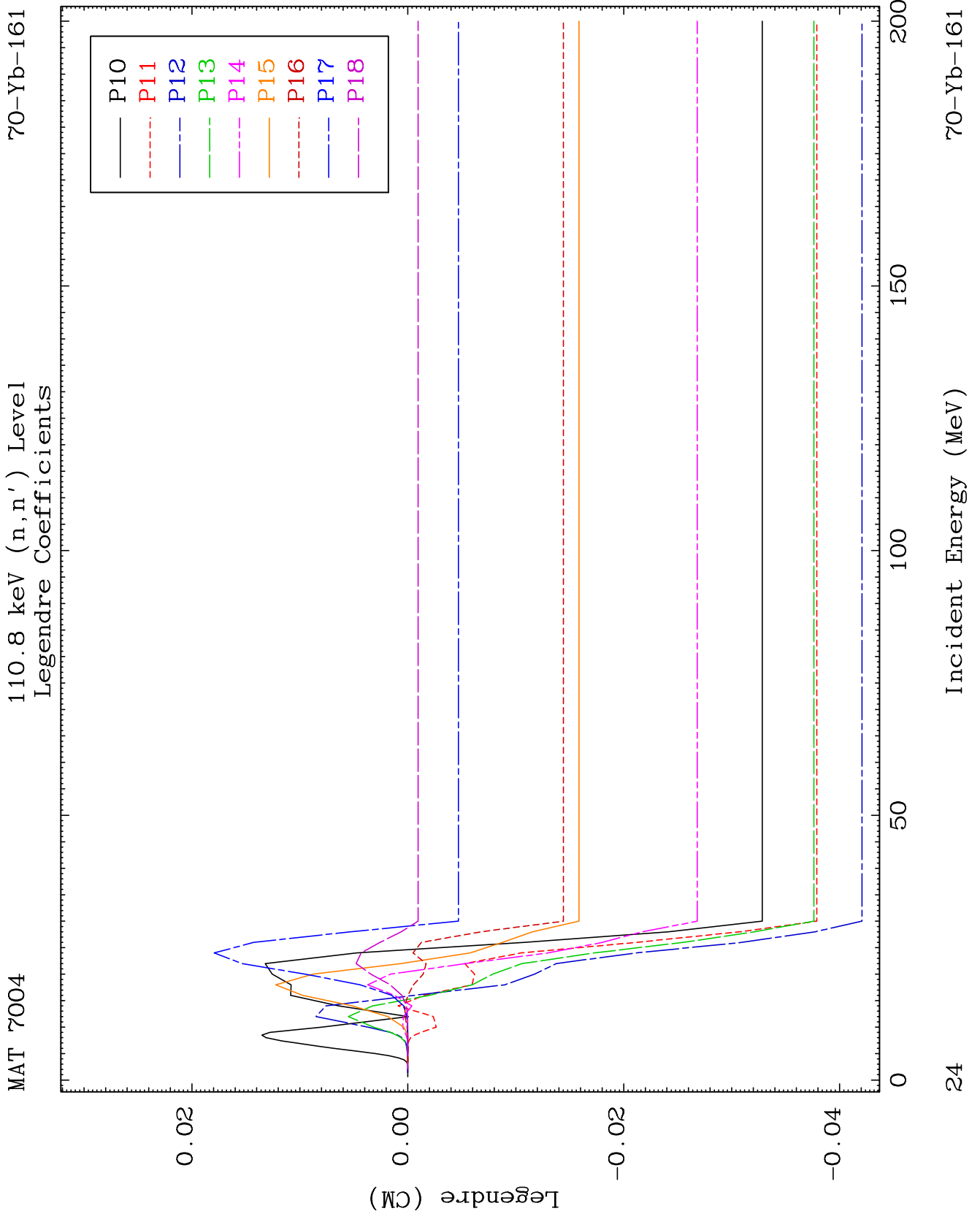


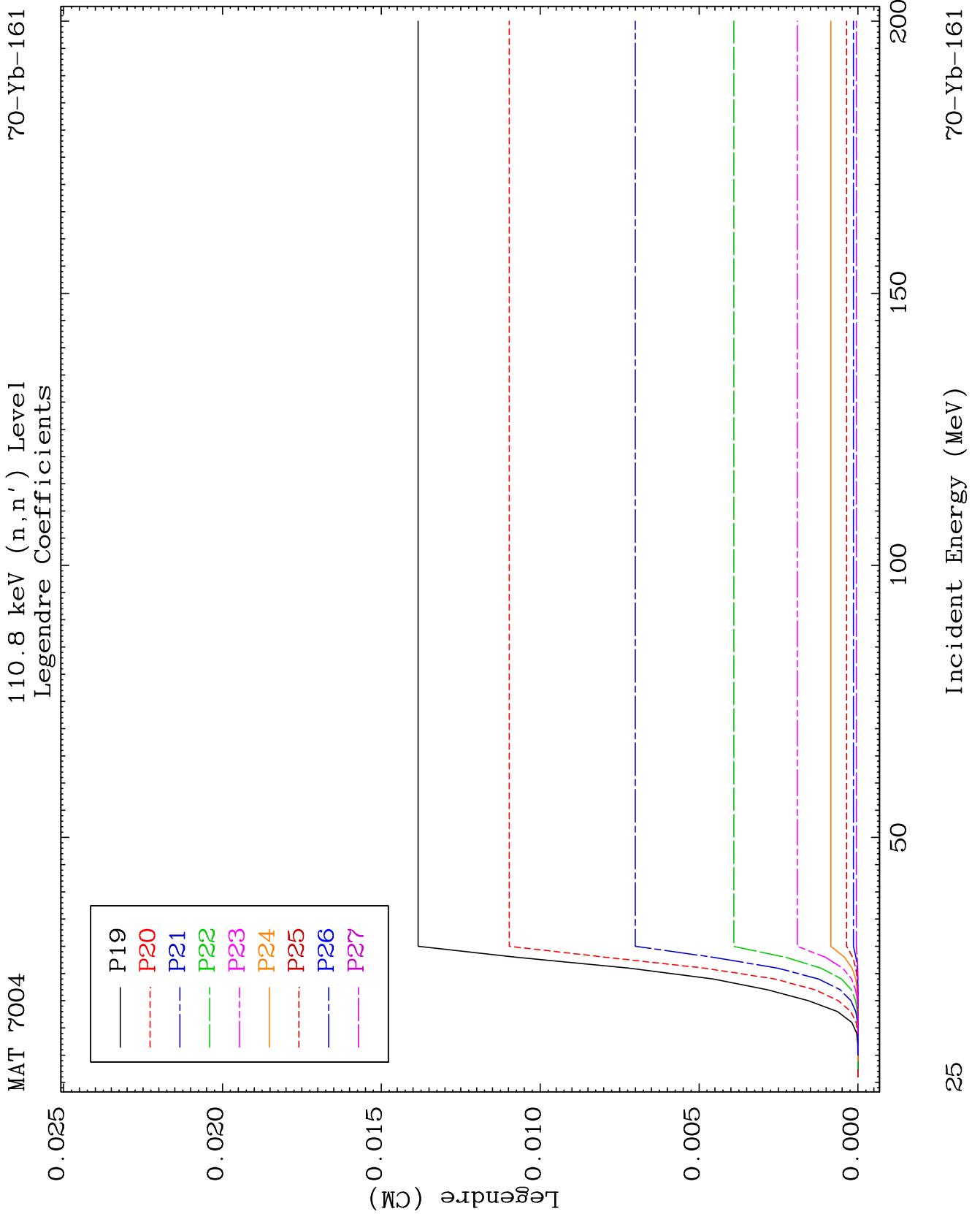
22

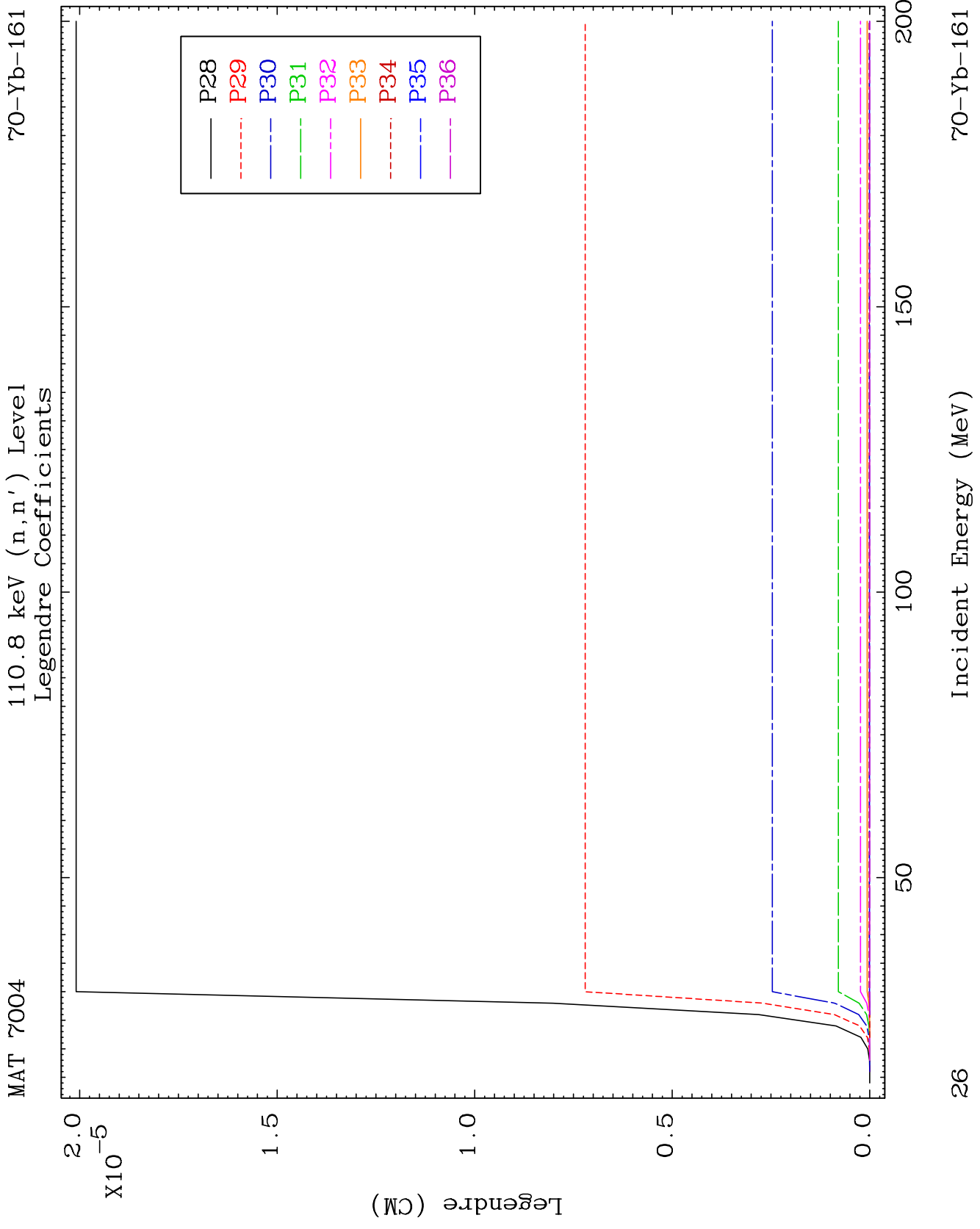
Incident Energy (MeV)

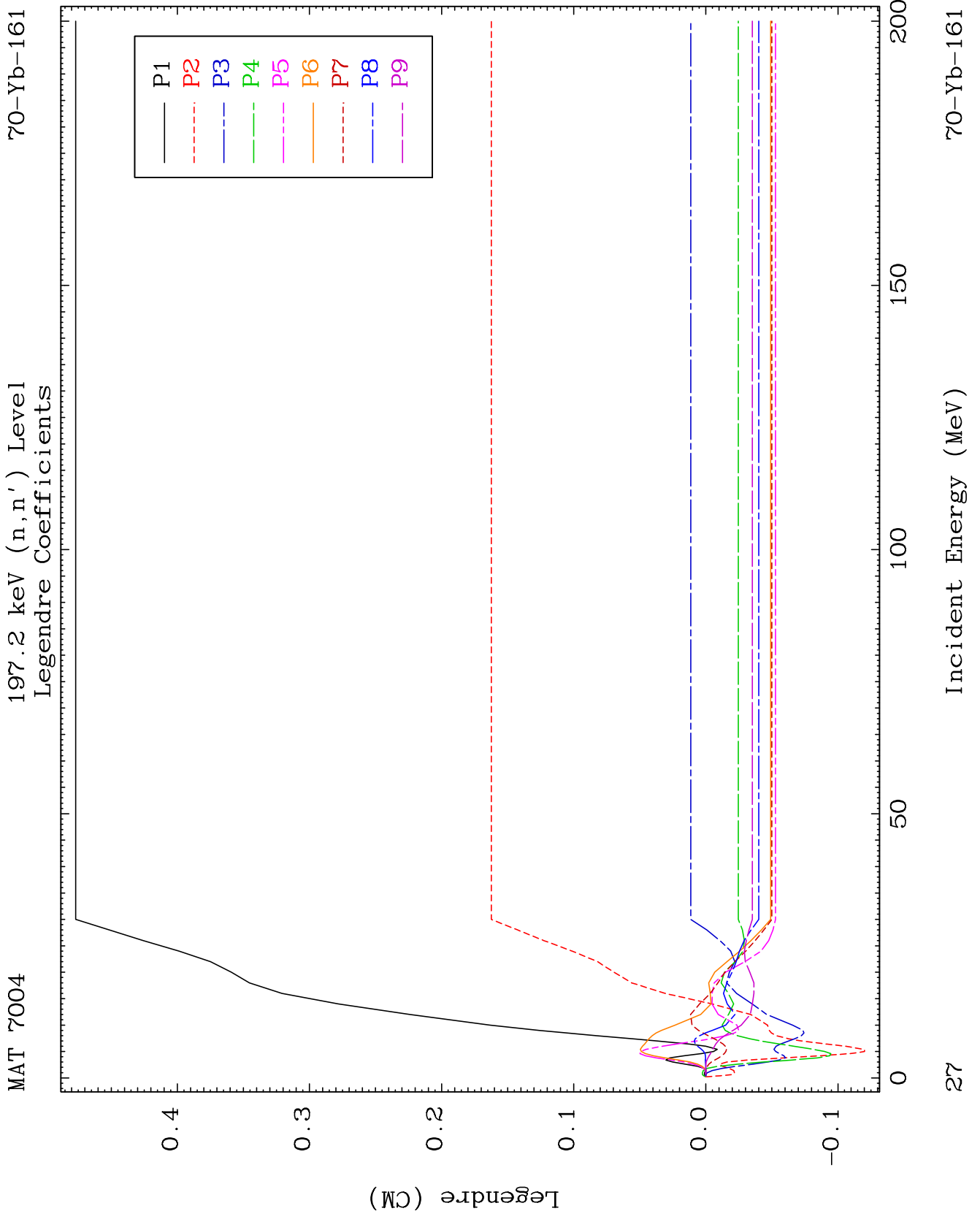
70-Yb-161







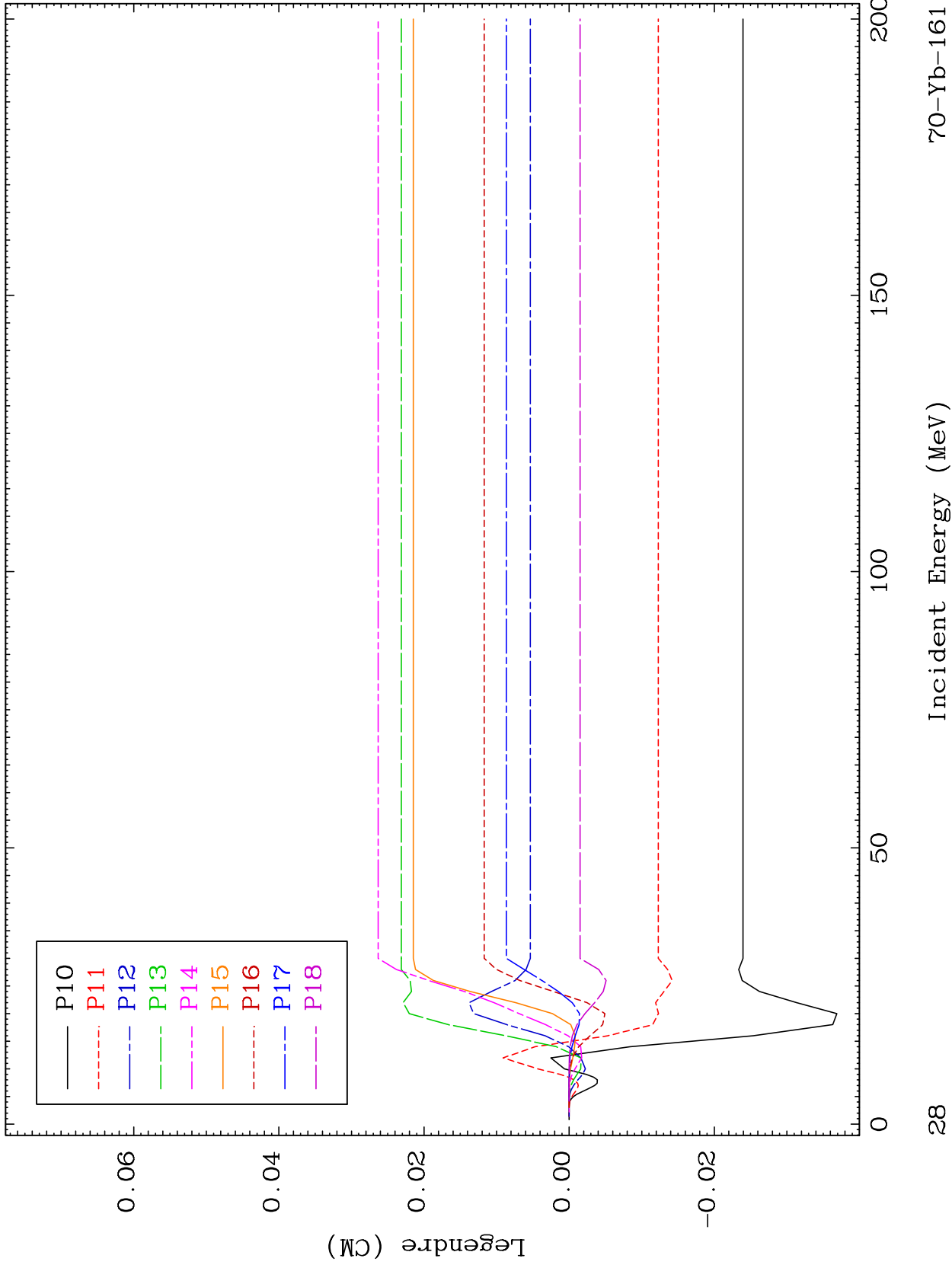




MAT 7004

197.2 keV (n,n') Level
Legendre Coefficients

70-Yb-161



28

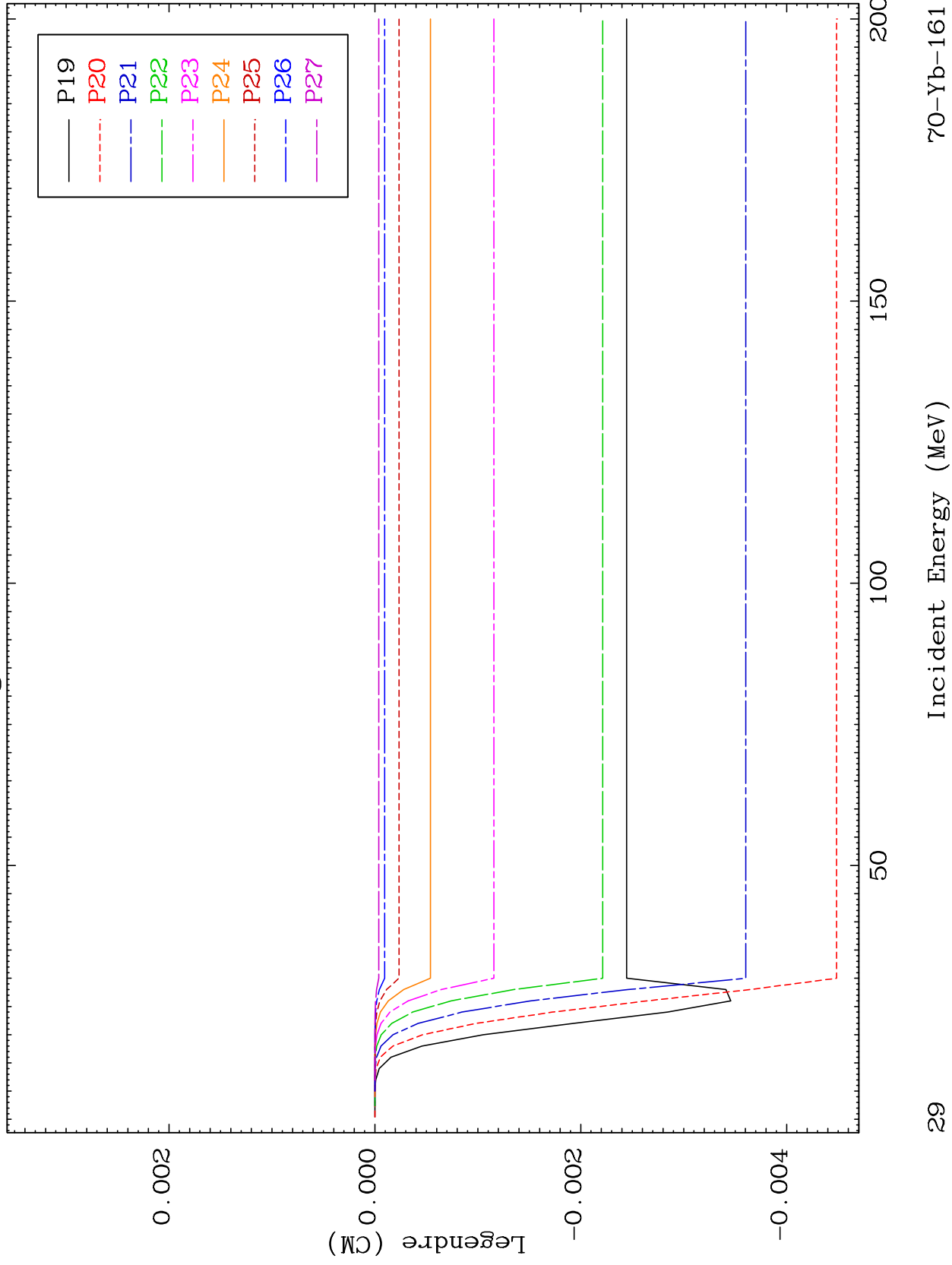
Incident Energy (MeV)

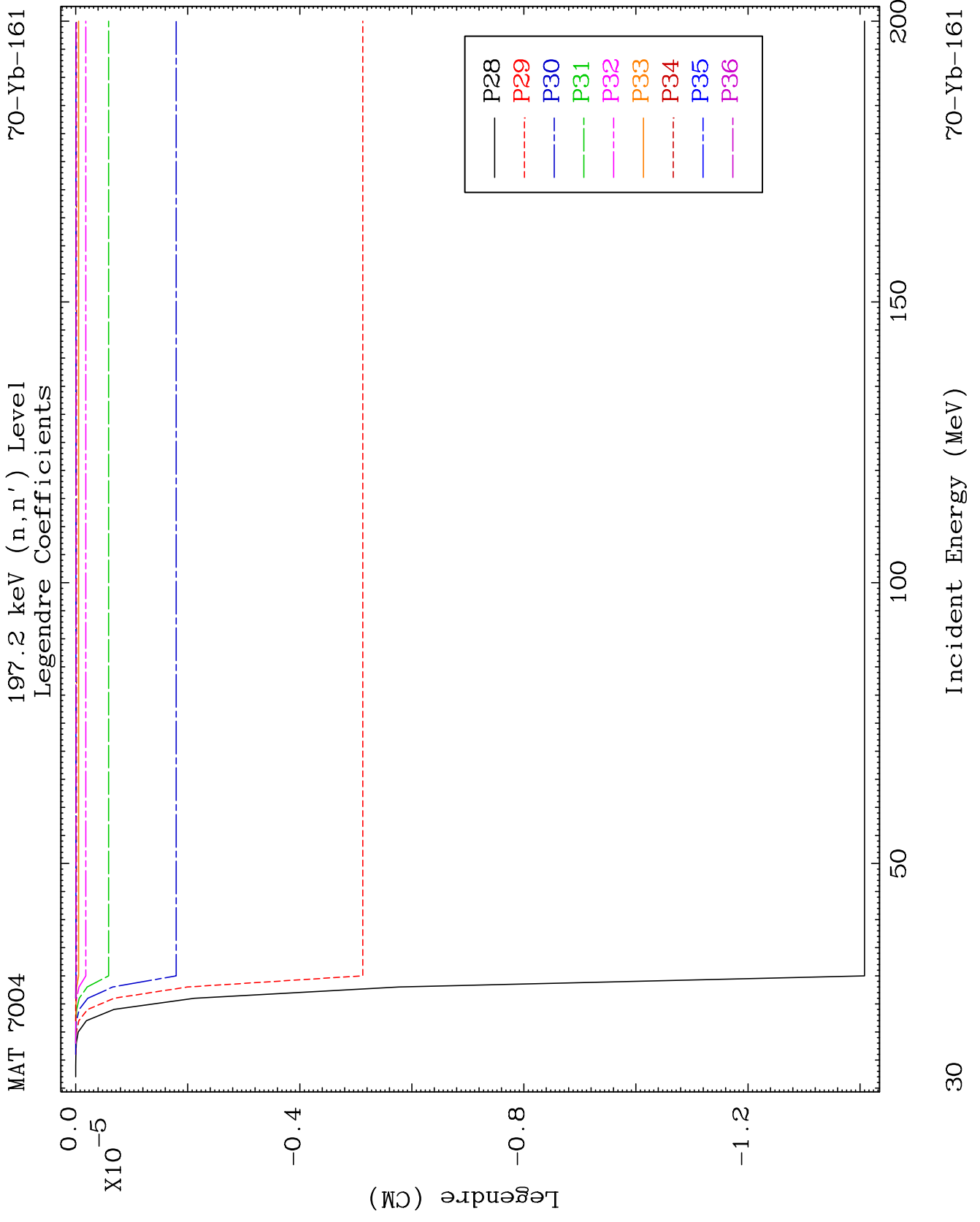
70-Yb-161

MAT 7004

197.2 keV (n,n') Level
Legendre Coefficients

70-Yb-161

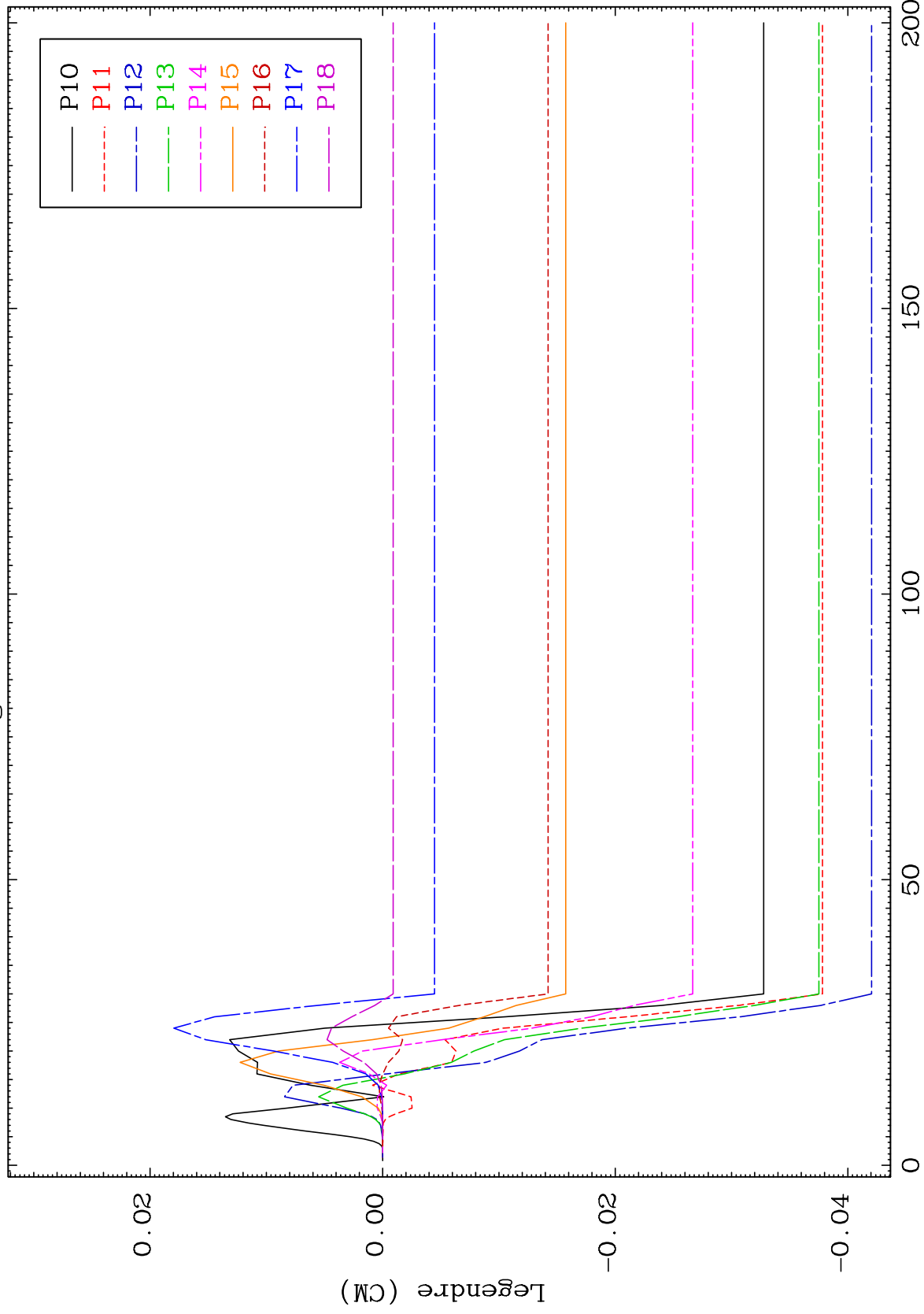




MAT 7004

211.1 keV (n,n') Level
Legendre Coefficients

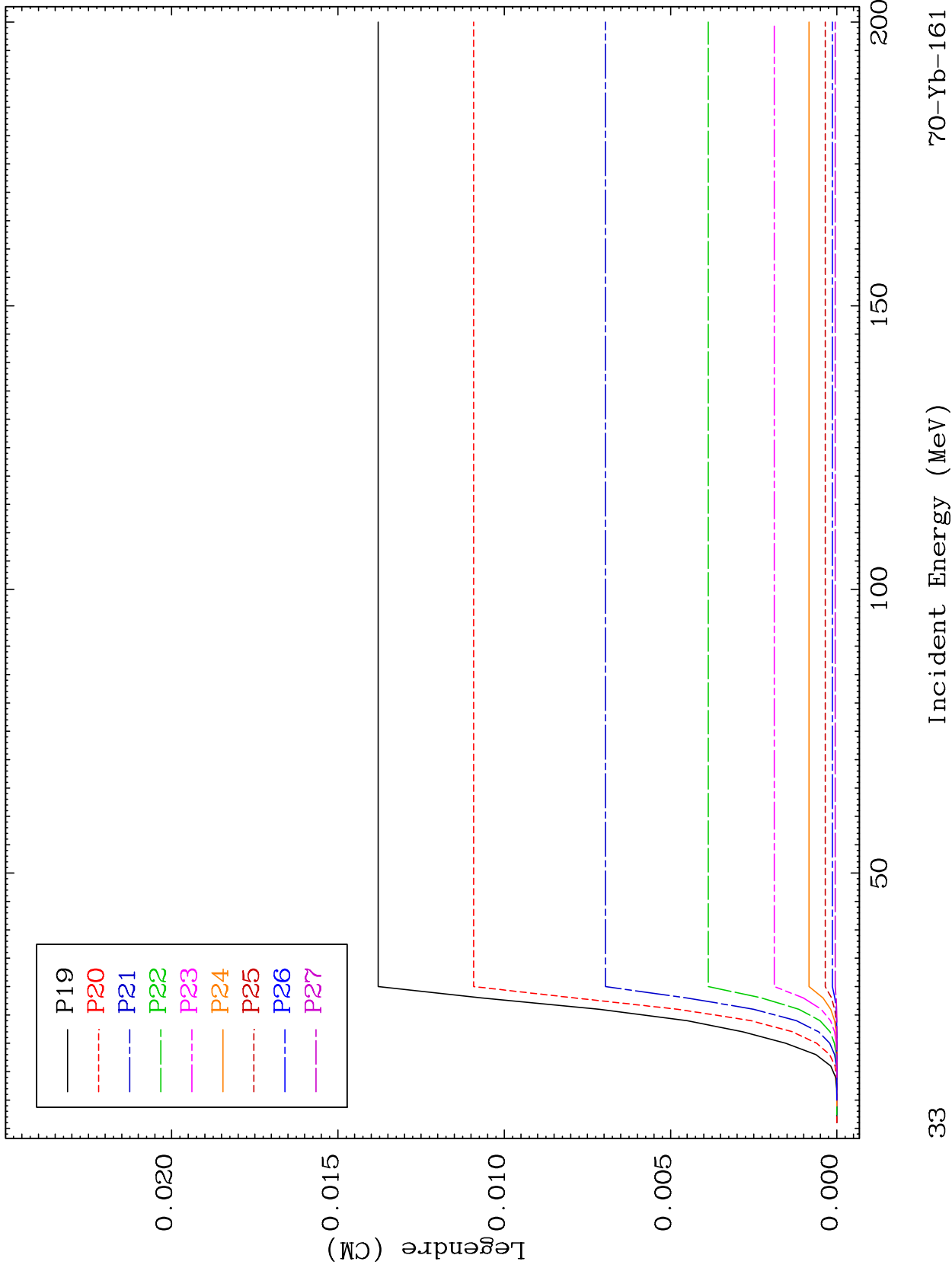
70-Yb-161

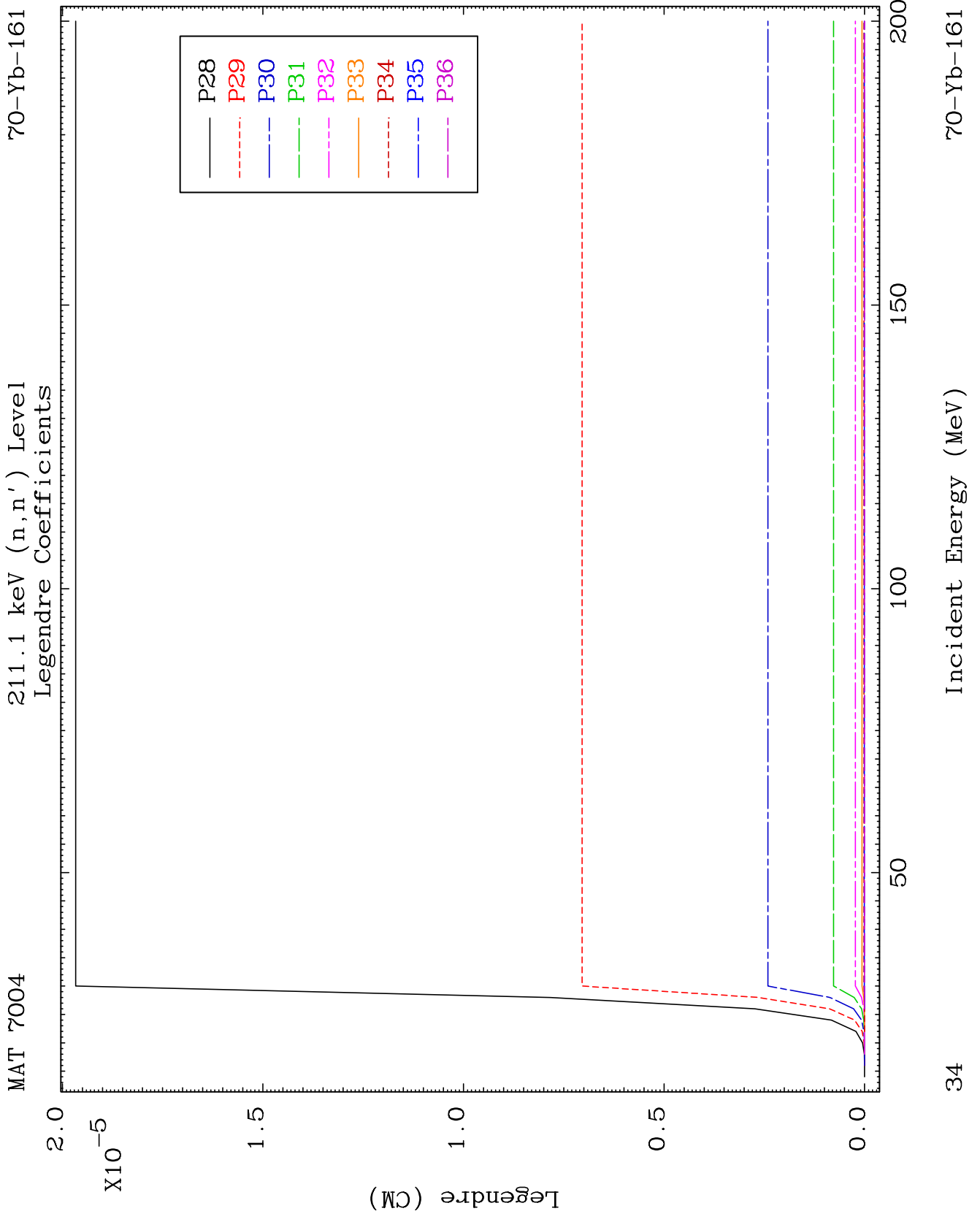


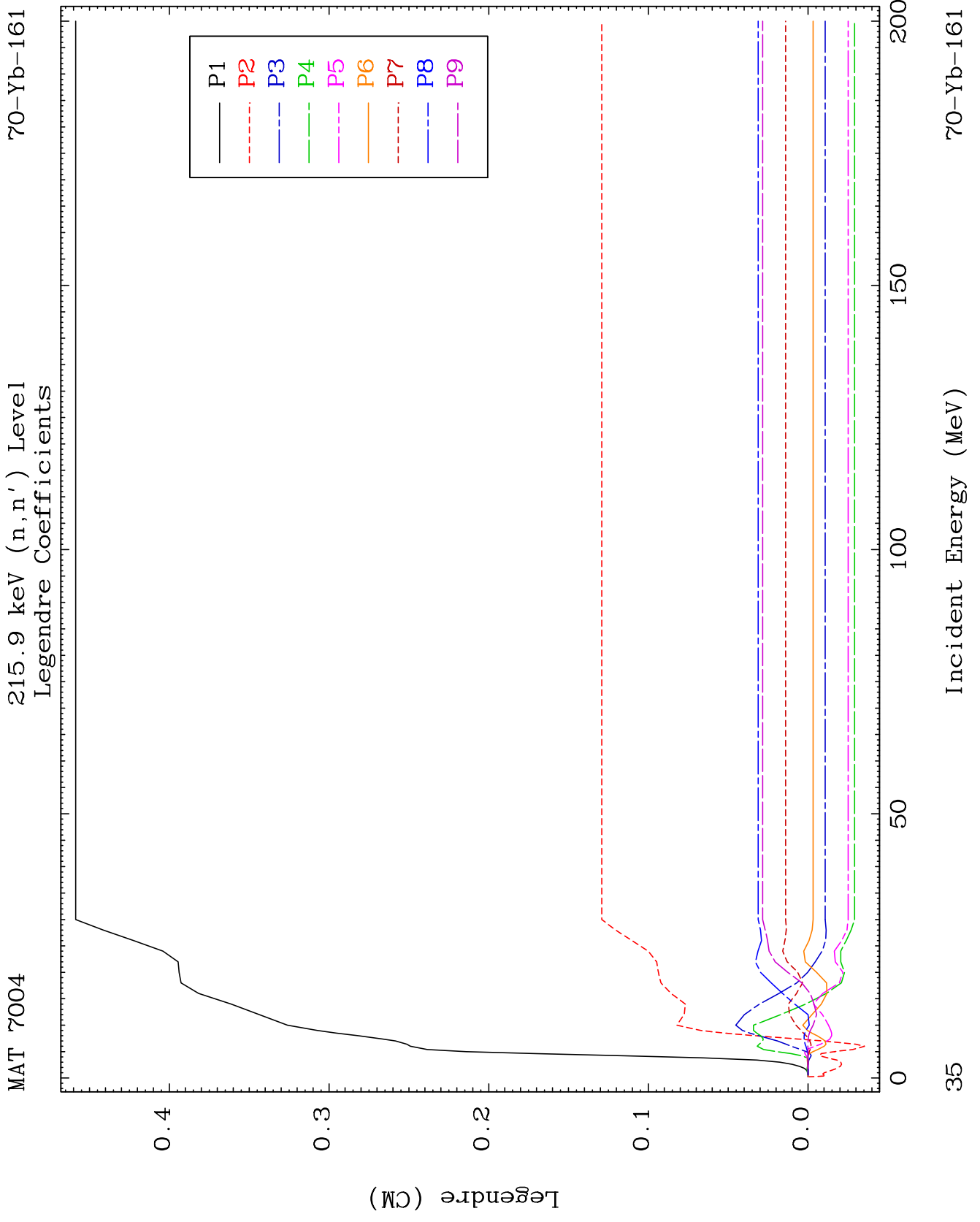
32

Incident Energy (MeV)

70-Yb-161



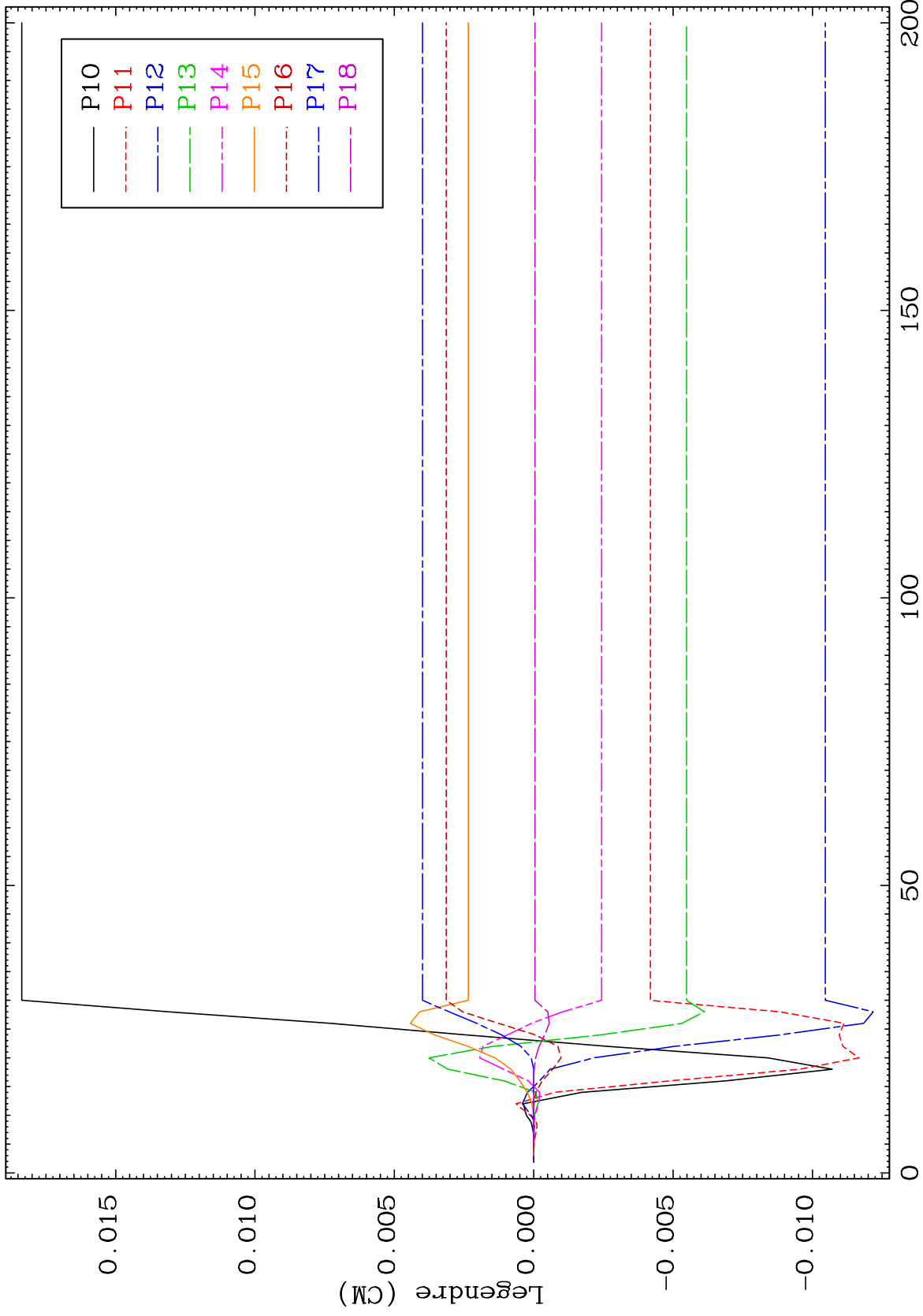




MAT 7004

215.9 keV (n,n') Level
Legendre Coefficients

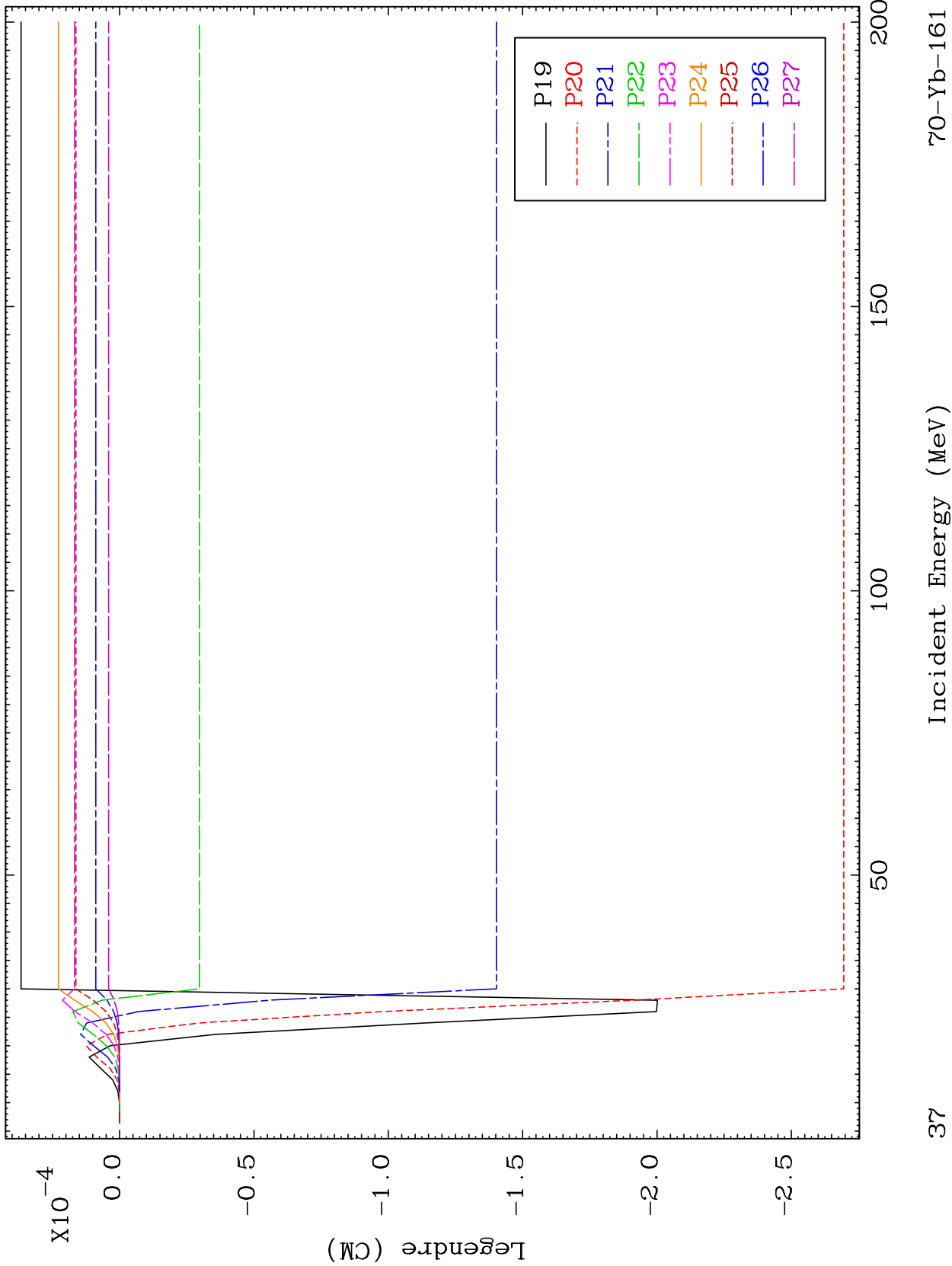
70-Yb-161

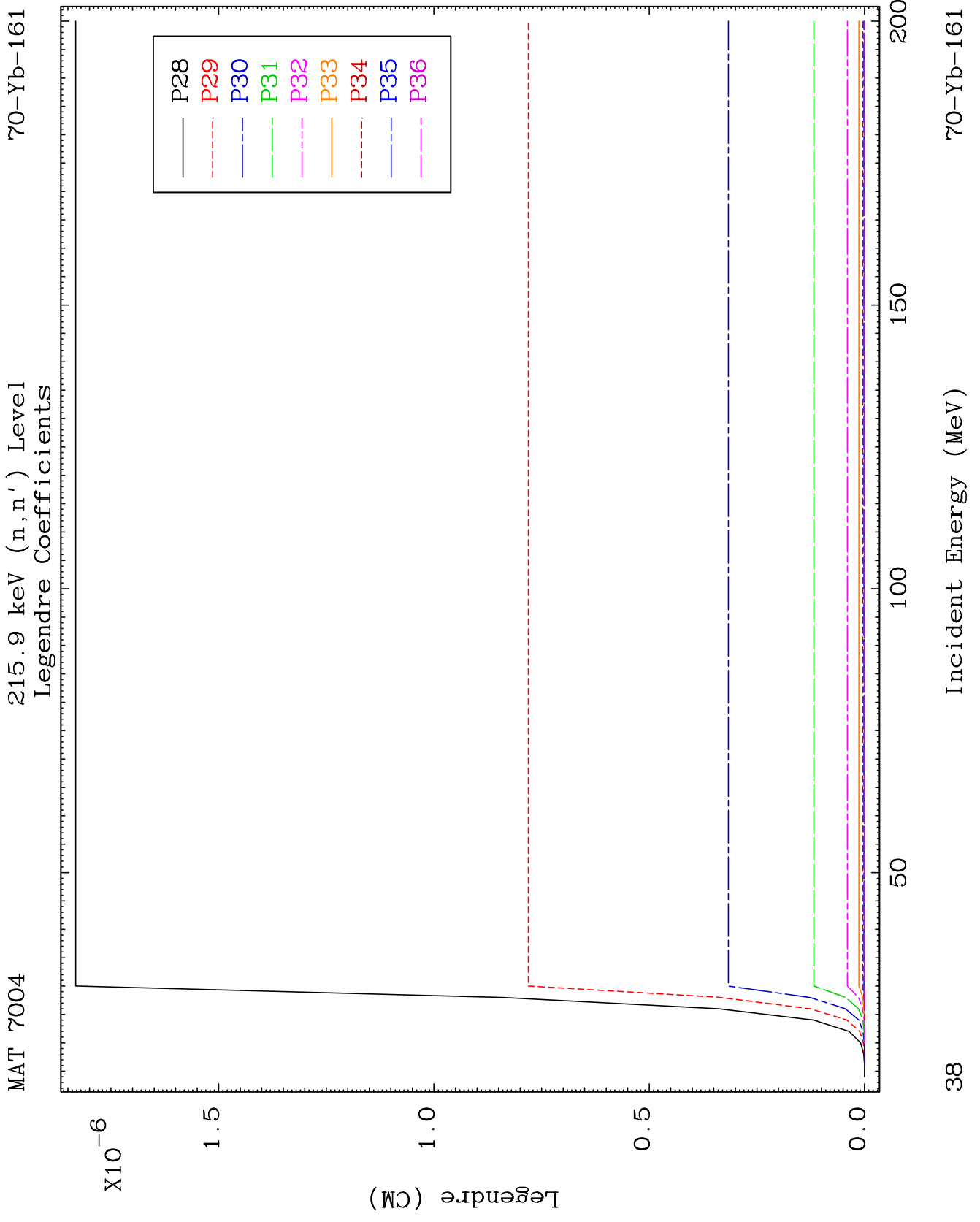


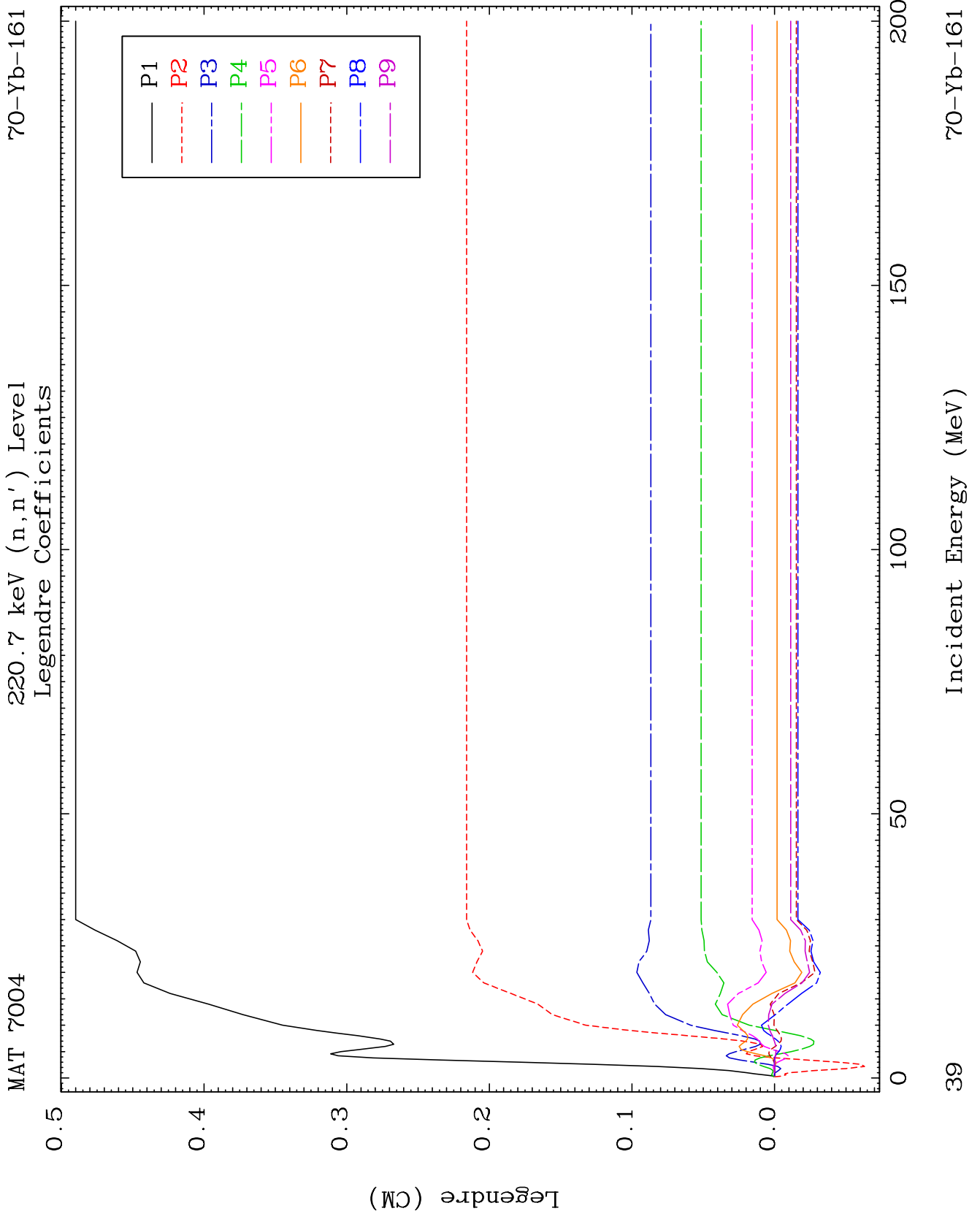
36

Incident Energy (MeV)

70-Yb-161



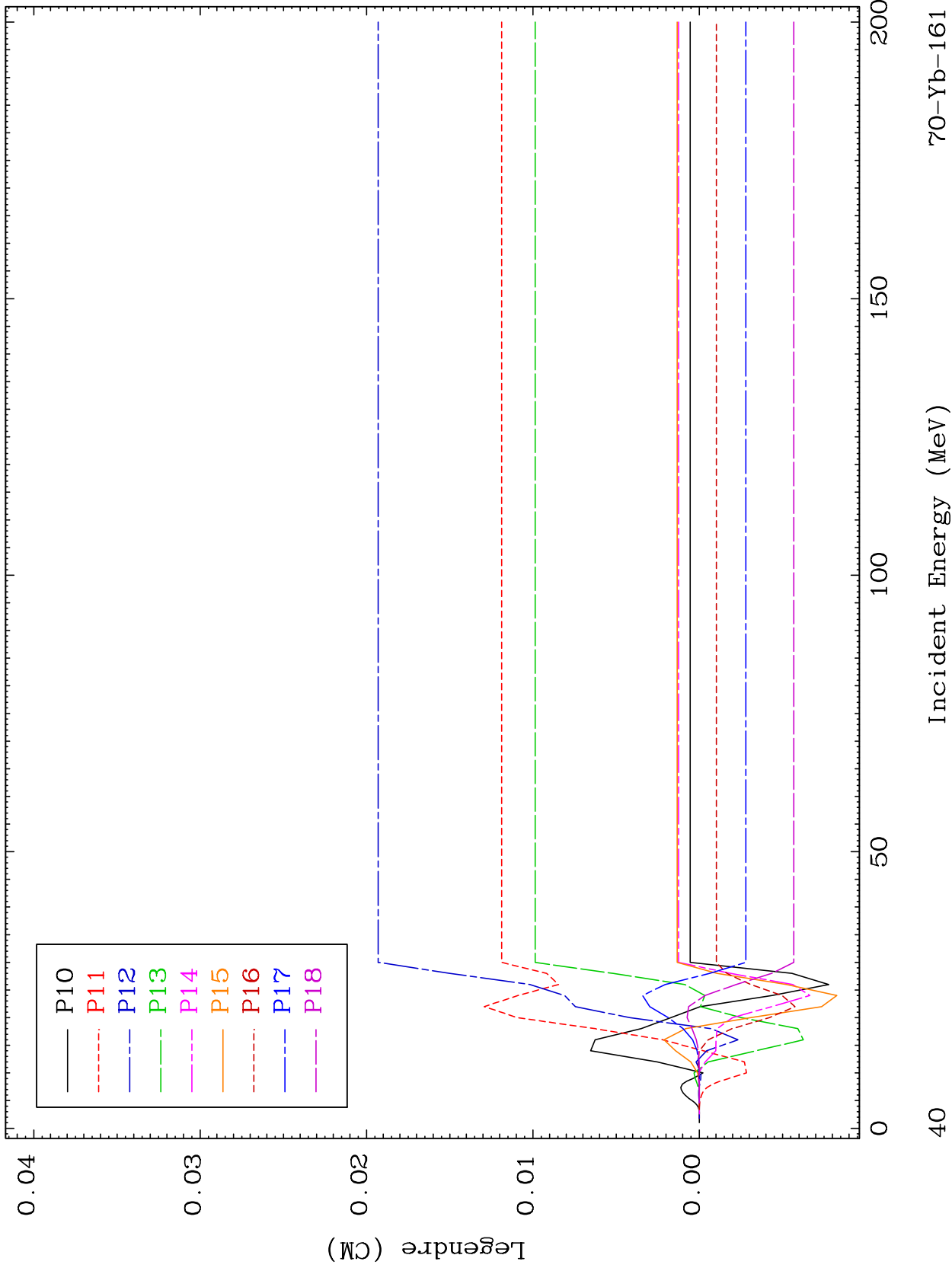




MAT 7004

220.7 keV (n, n') Level
Legendre Coefficients

70-Yb-161



70-Yb-161

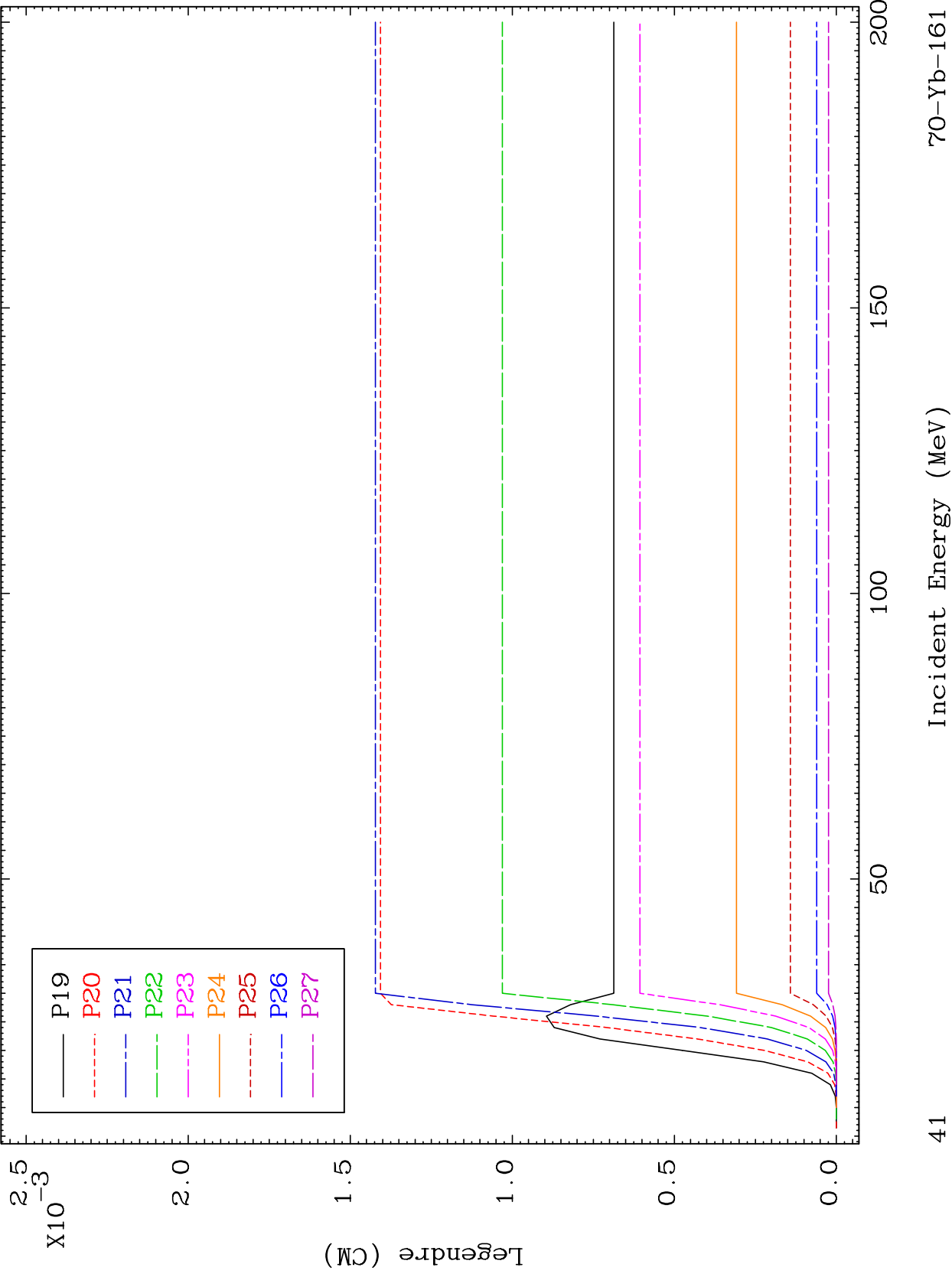
Incident Energy (MeV)

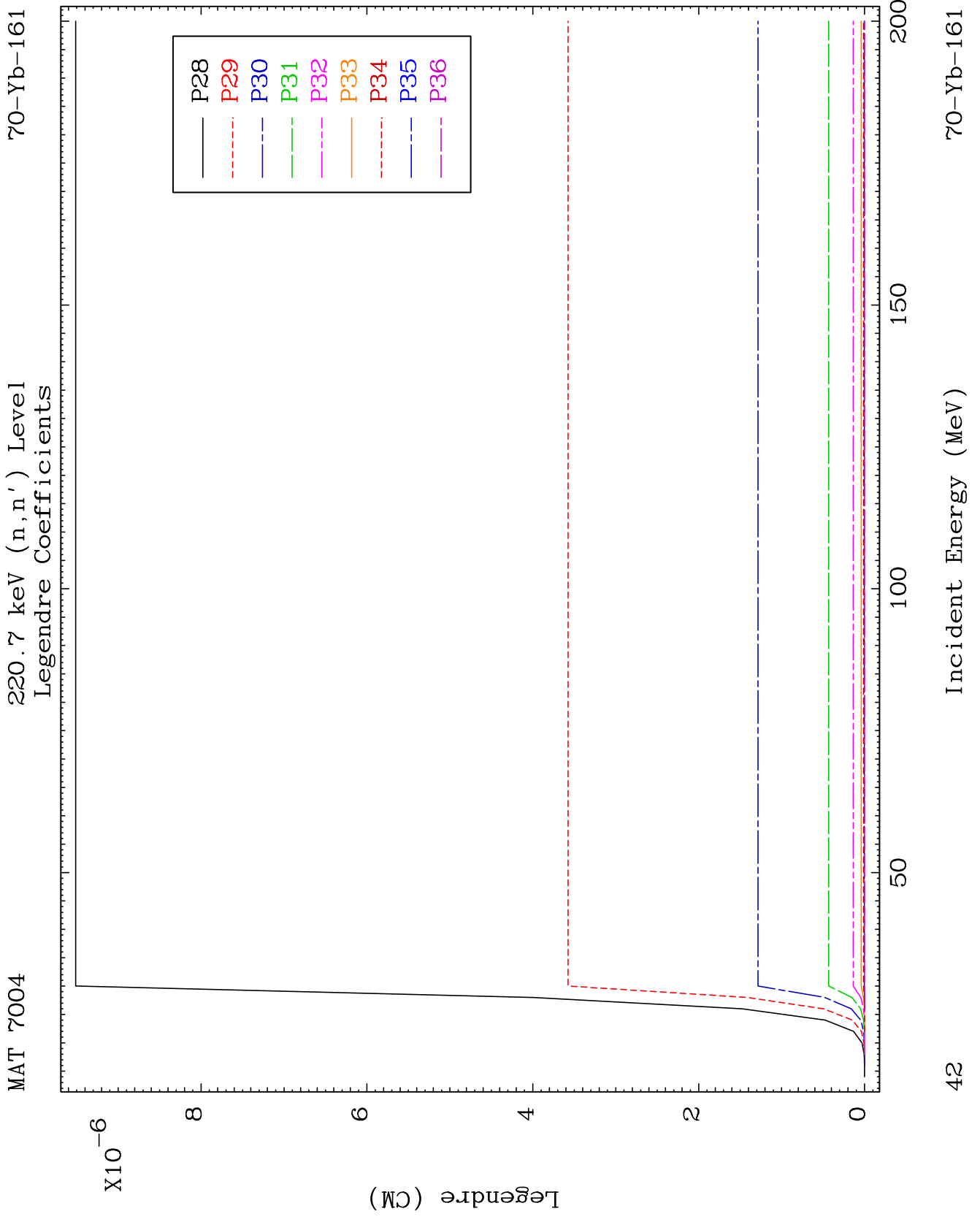
40

MAT 7004

220.7 keV (n, n') Level
Legendre Coefficients

70-Yb-161

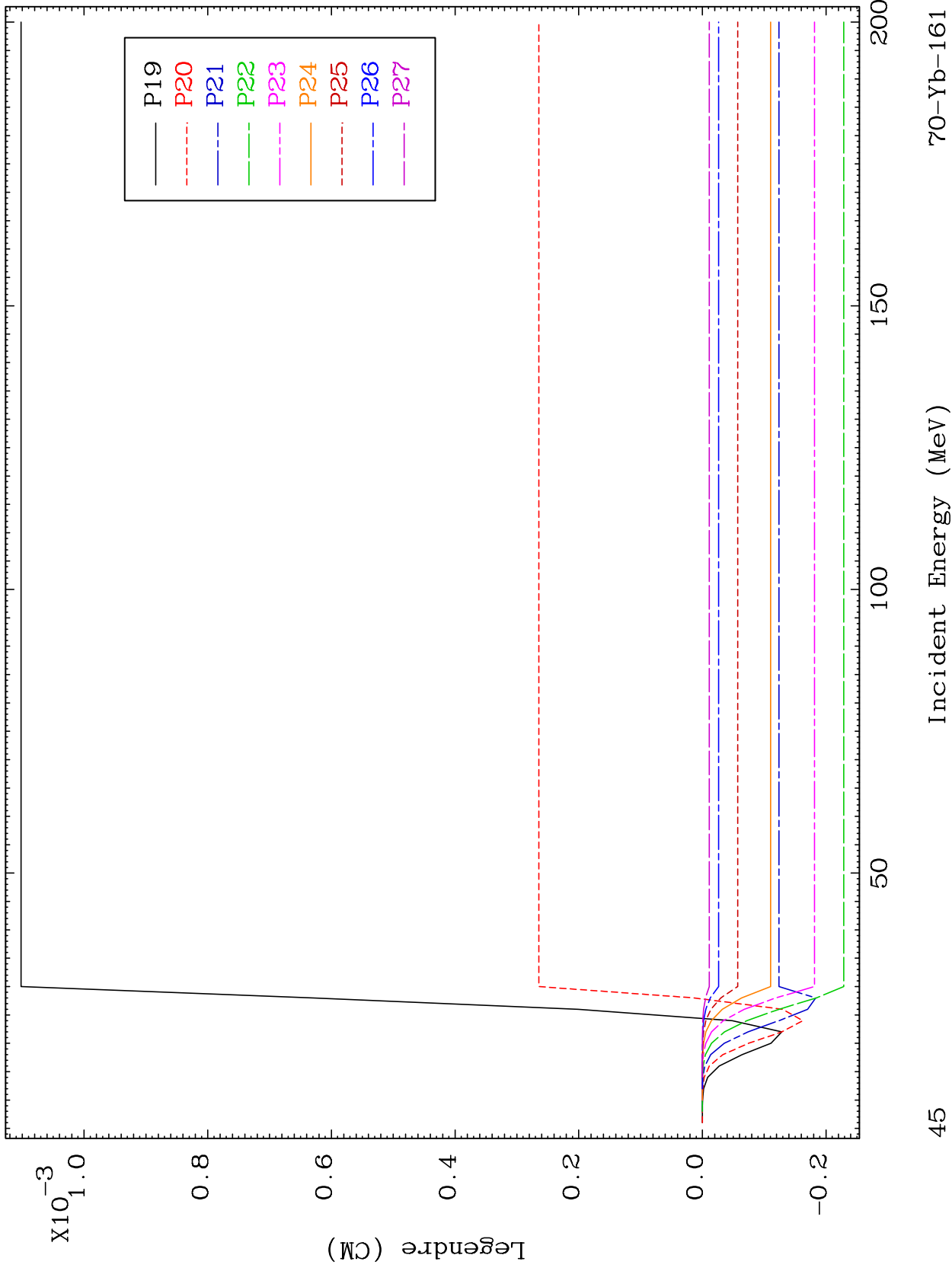


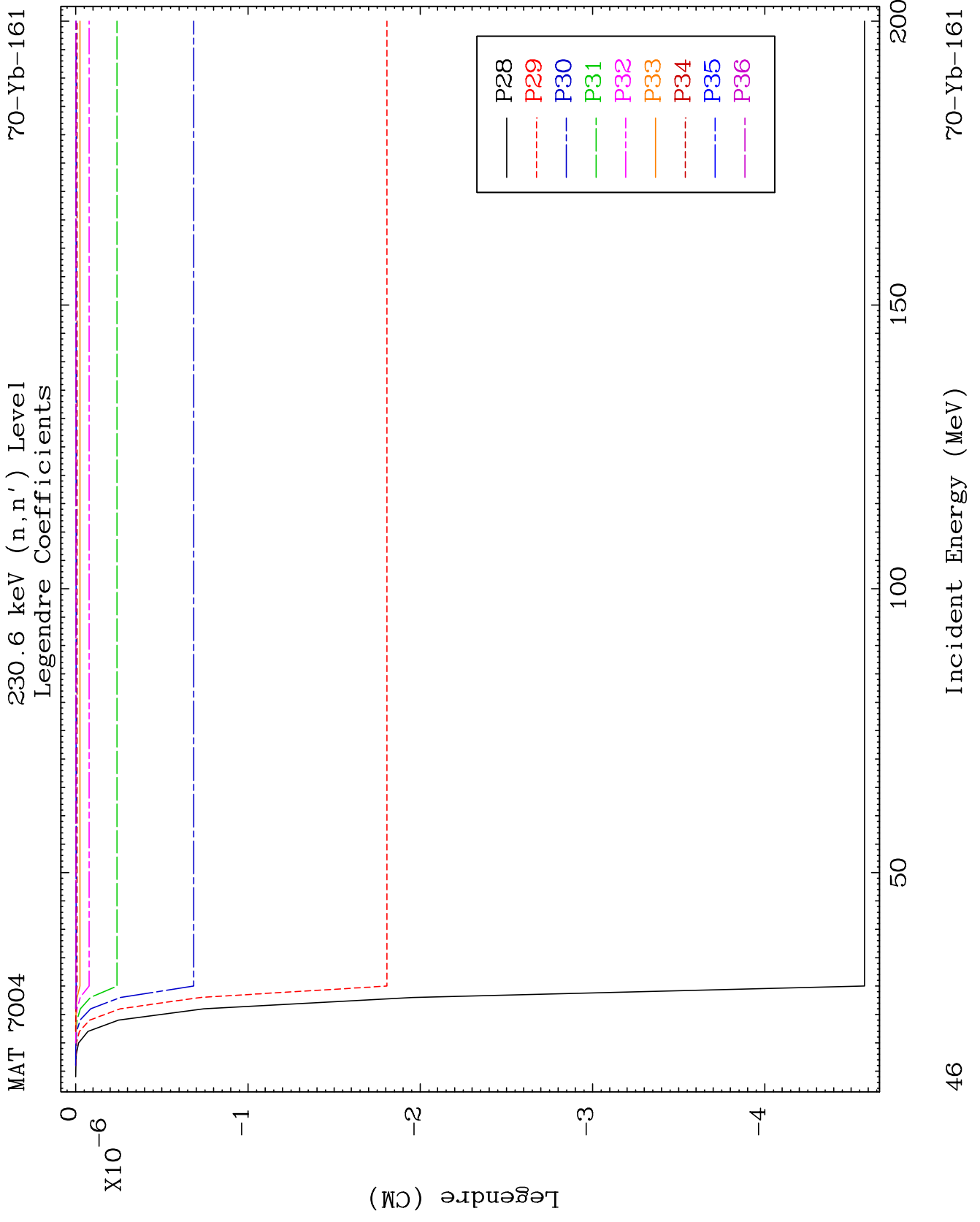


MAT 7004

230.6 keV (n,n') Level
Legendre Coefficients

70-Yb-161

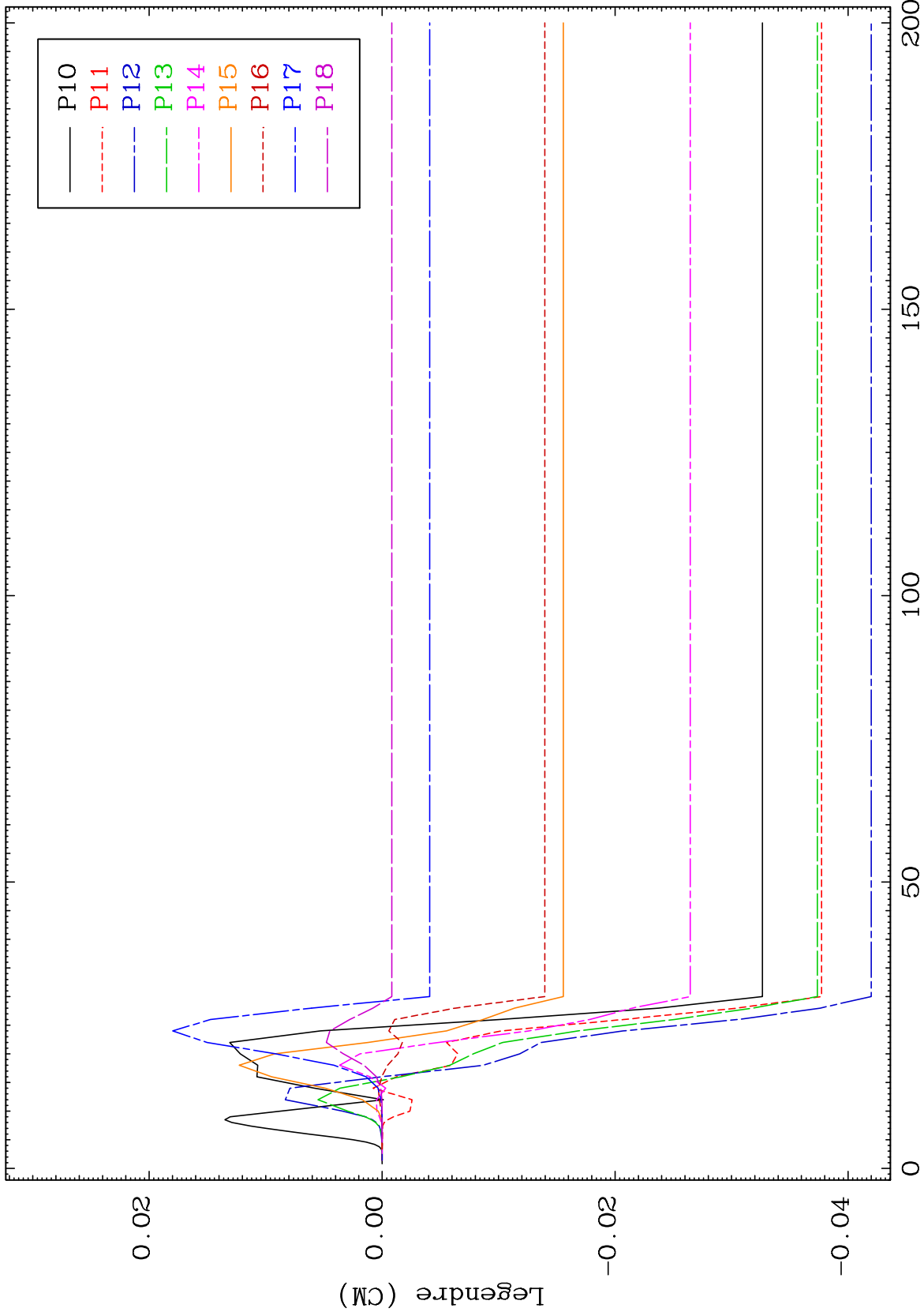




MAT 7004

367.3 keV (n,n') Level
Legendre Coefficients

70-Yb-161



48

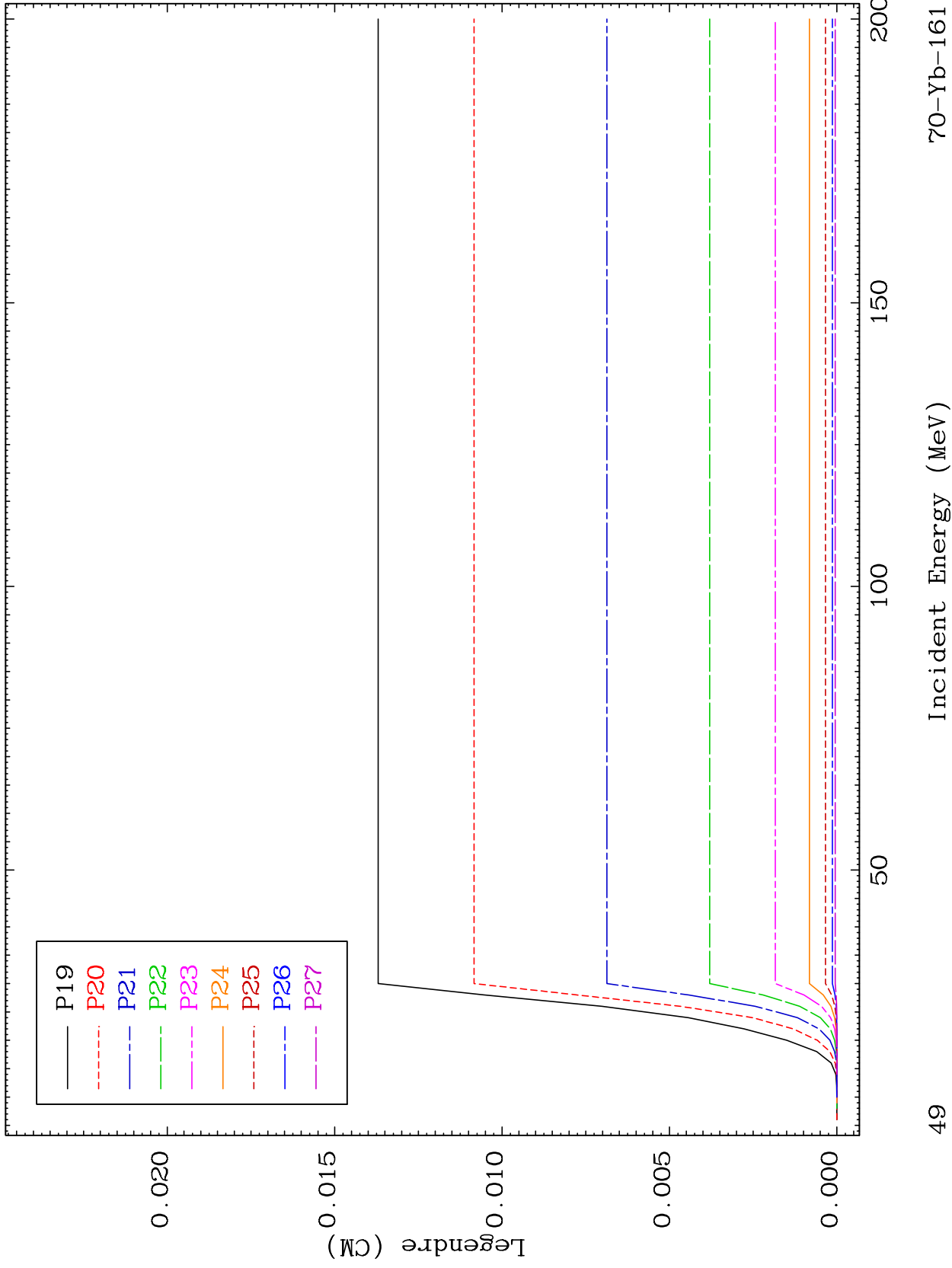
Incident Energy (MeV)

70-Yb-161

MAT 7004

367.3 keV (n, n') Level
Legendre Coefficients

70-Yb-161



49

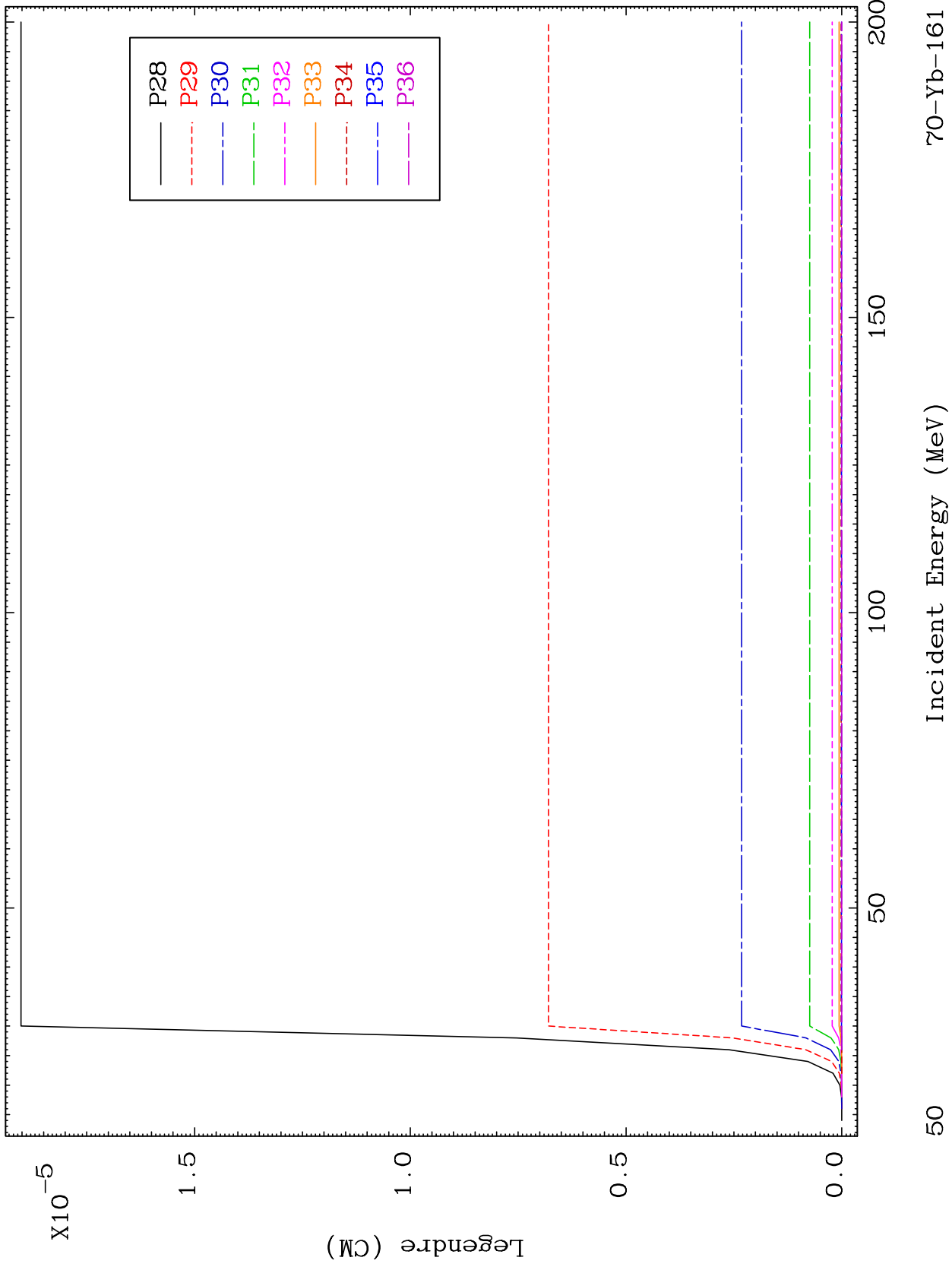
Incident Energy (MeV)

70-Yb-161

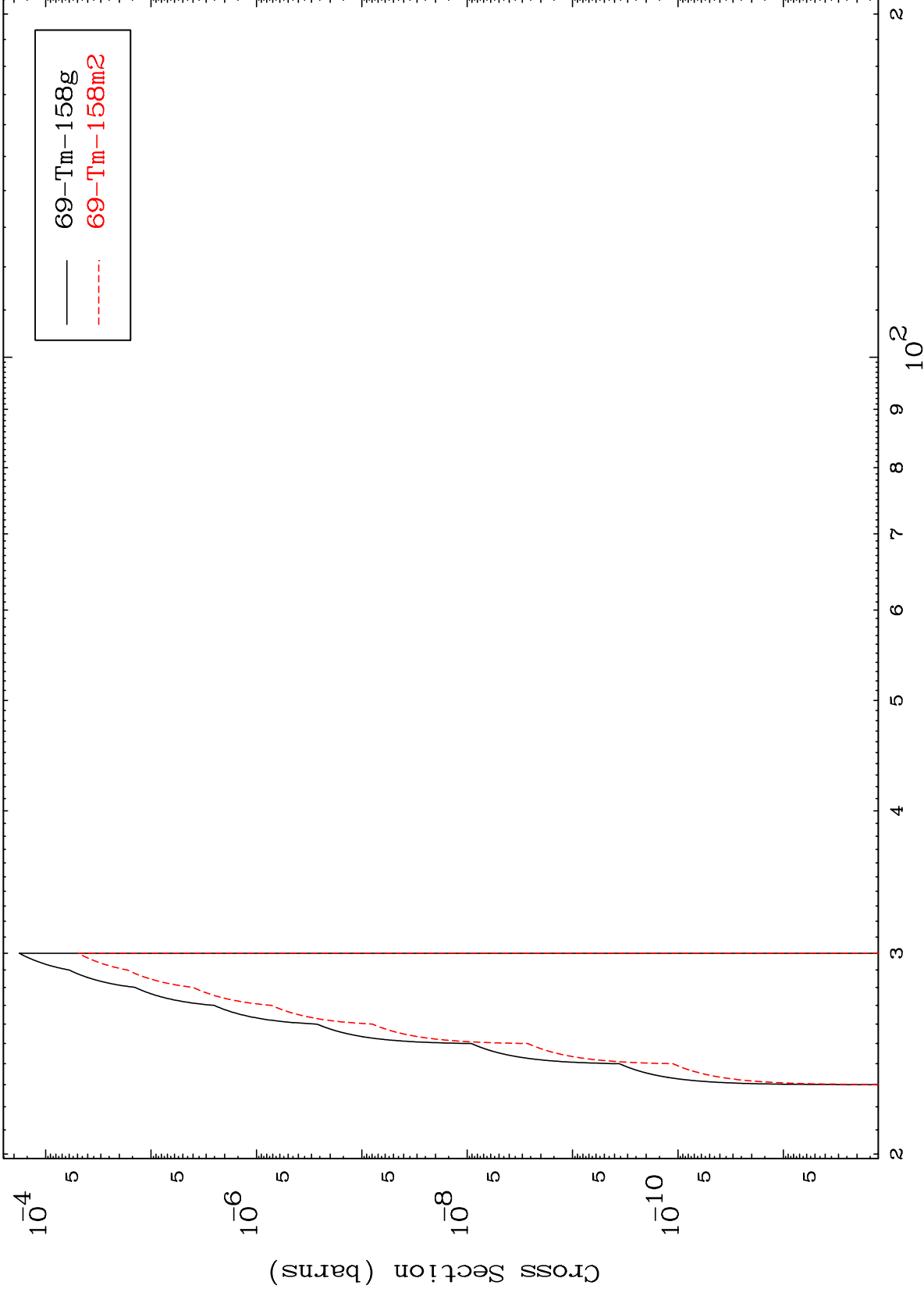
MAT 7004

367.3 keV (n,n') Level
Legendre Coefficients

70-Yb-161



Radionuclide Production Cross Section

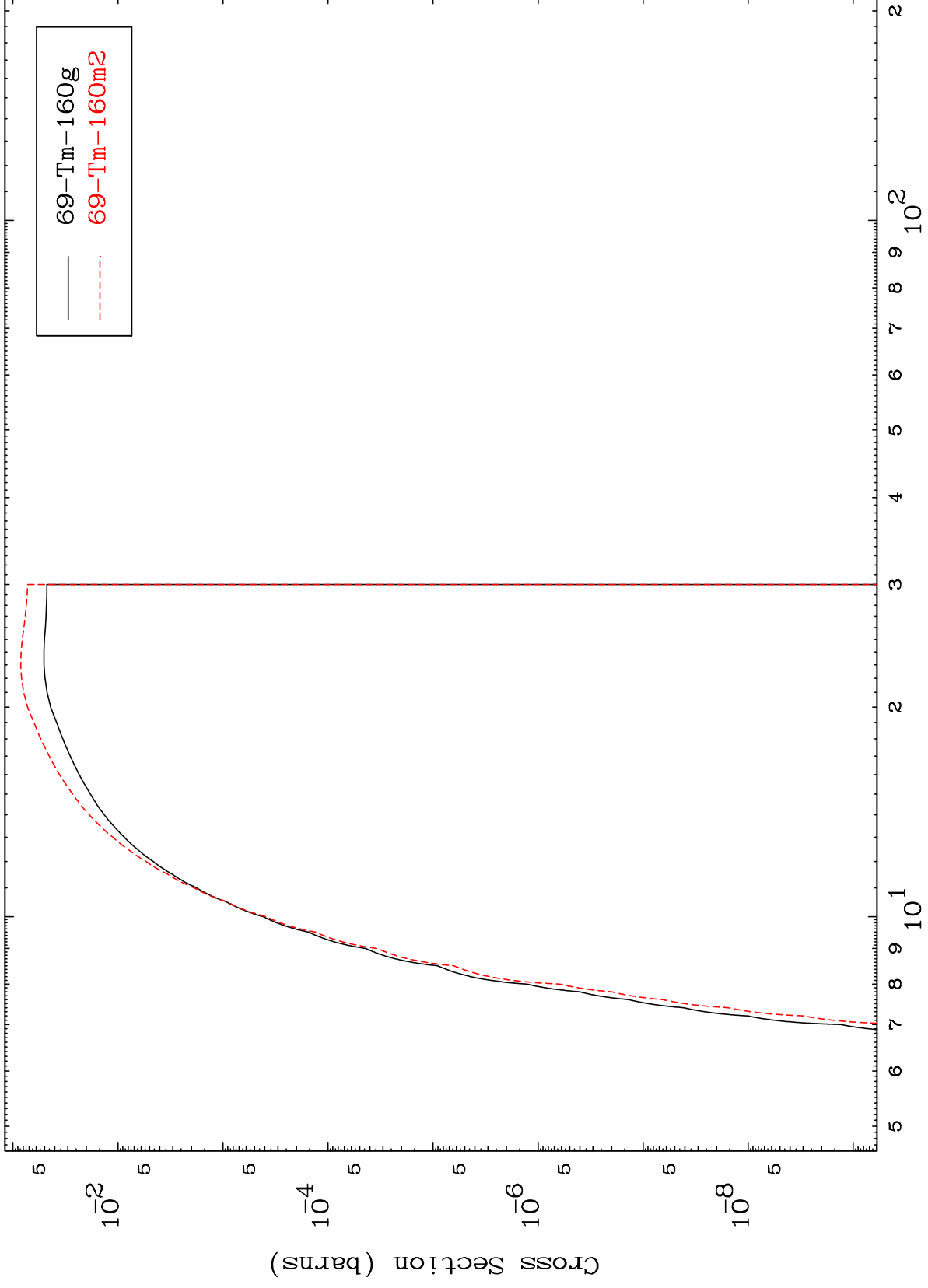


MAT 7004

(n, n') p

70-Yb-161

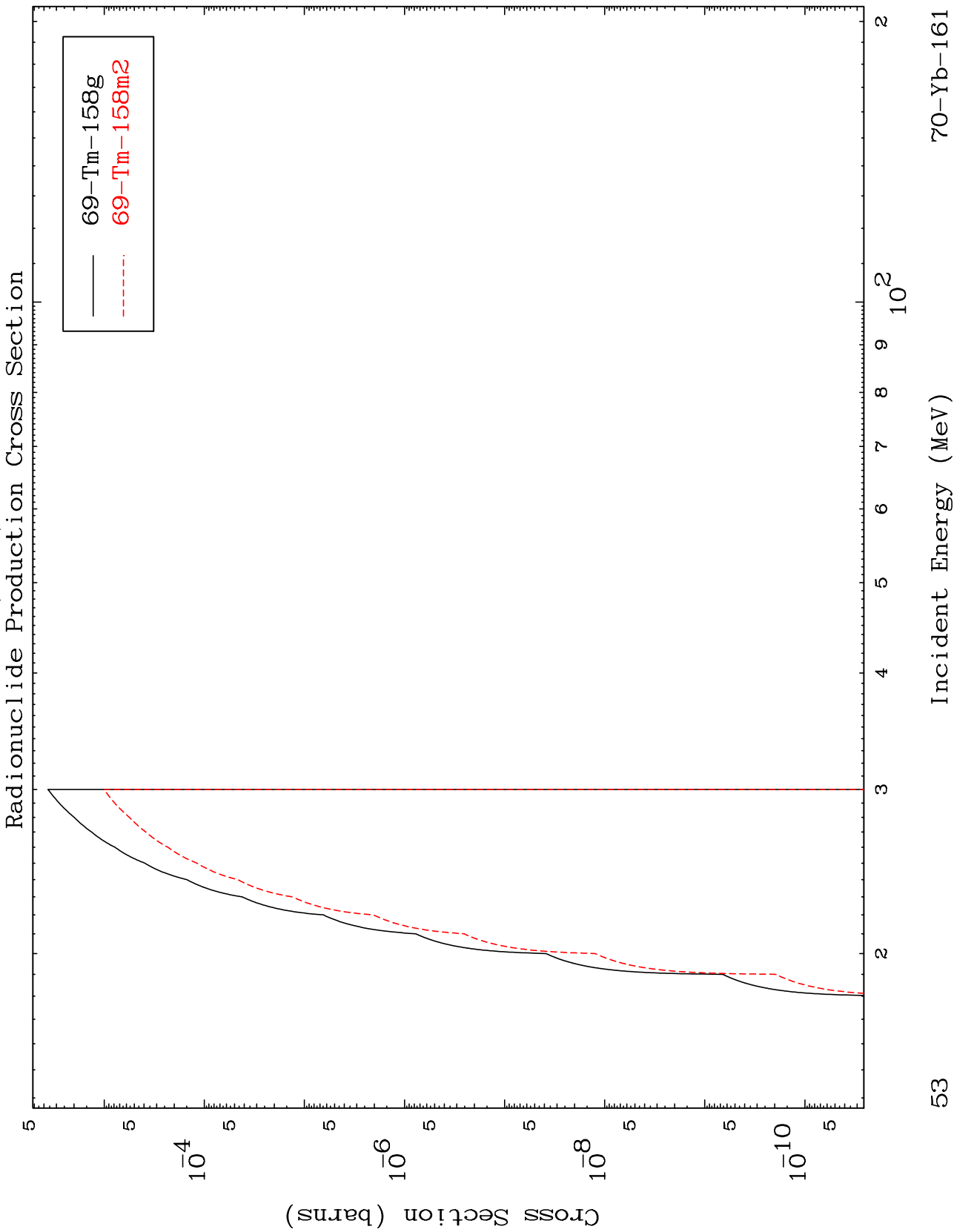
Radionuclide Production Cross Section



52

Incident Energy (MeV)

70-Yb-161

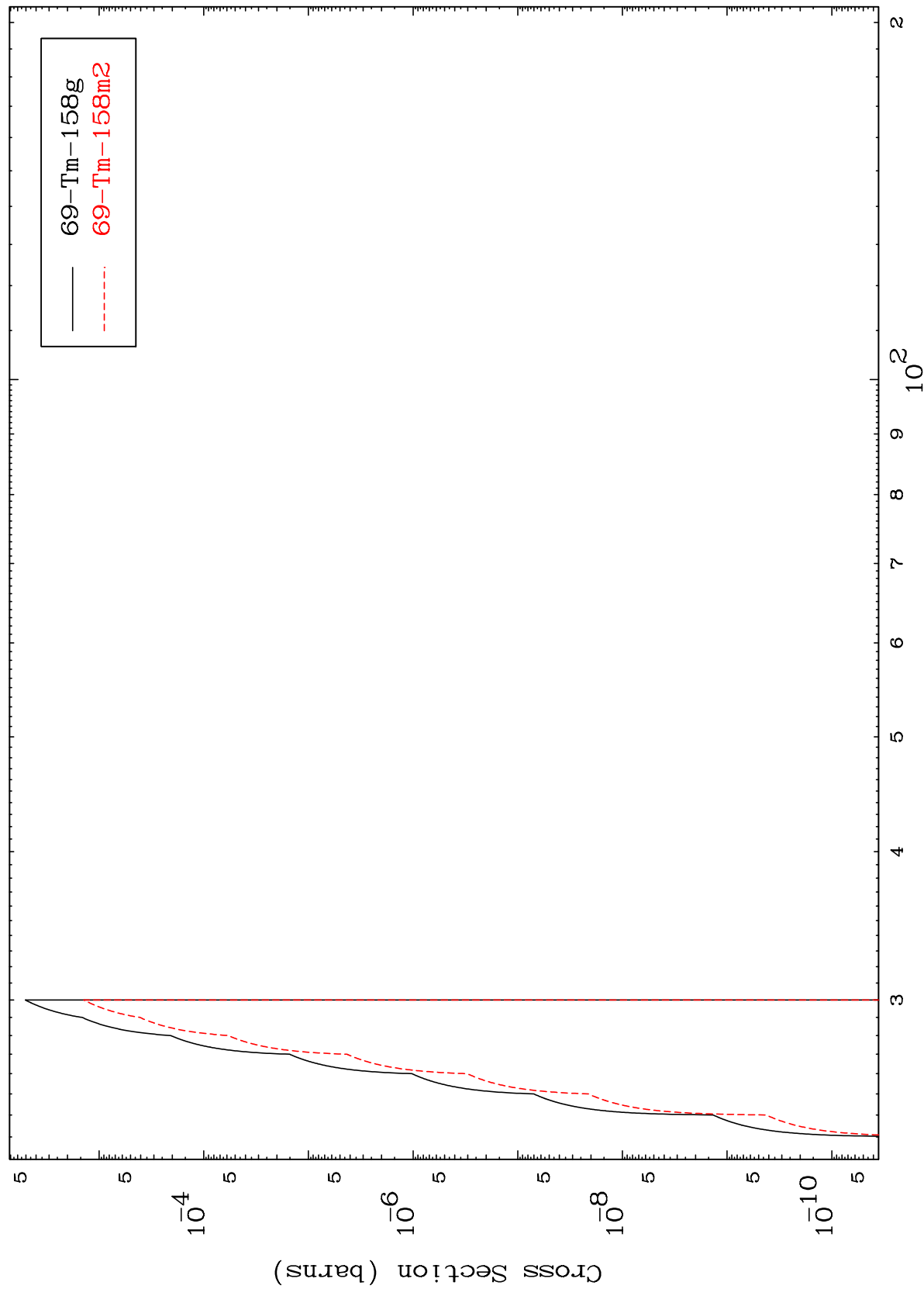


MAT 7004

(n,3n) p

70-Yb-161

Radionuclide Production Cross Section



54

Incident Energy (MeV)

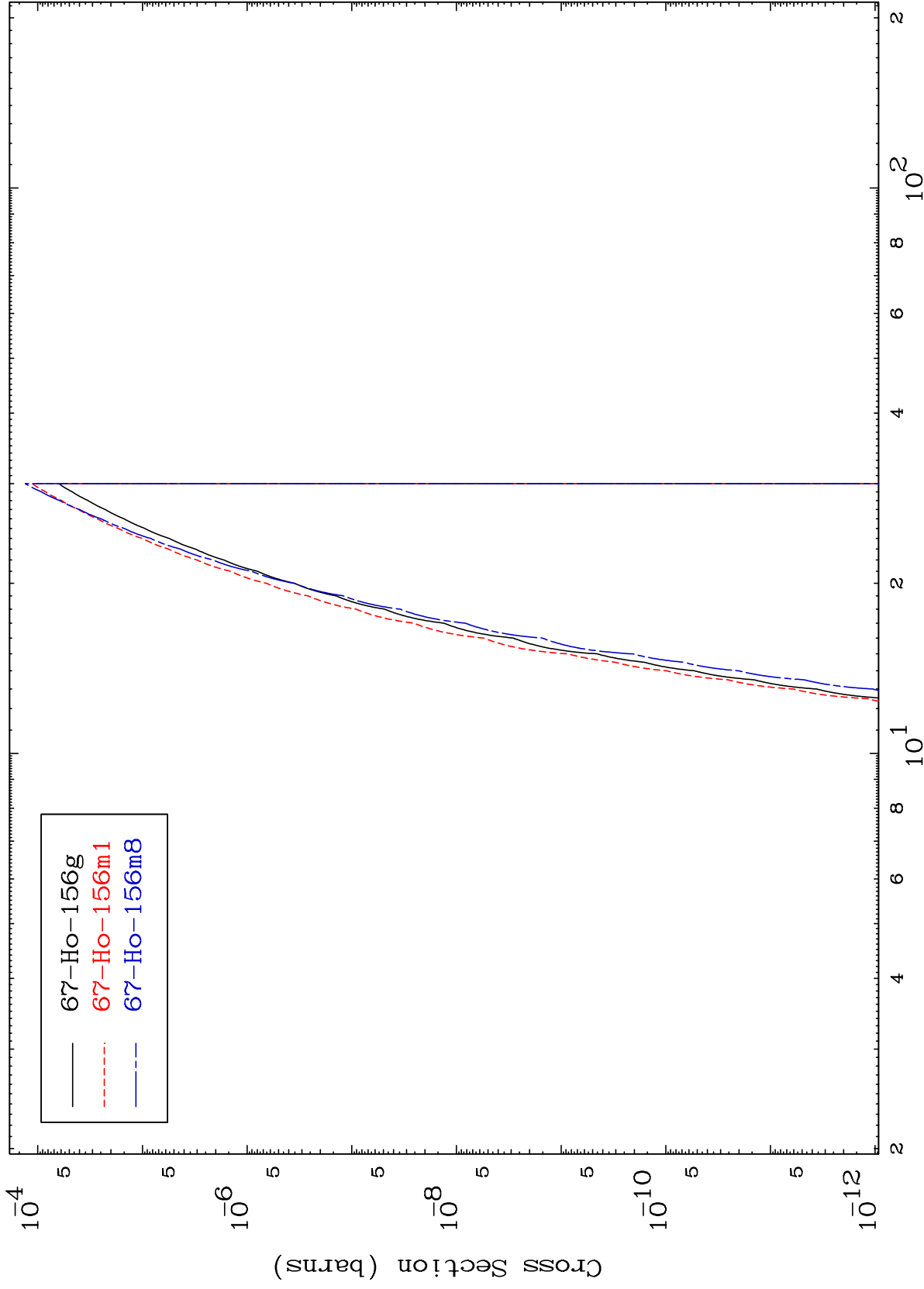
70-Yb-161

MAT 7004

(n,n') p α

70-Yb-161

Radionuclide Production Cross Section



Incident Energy (MeV)

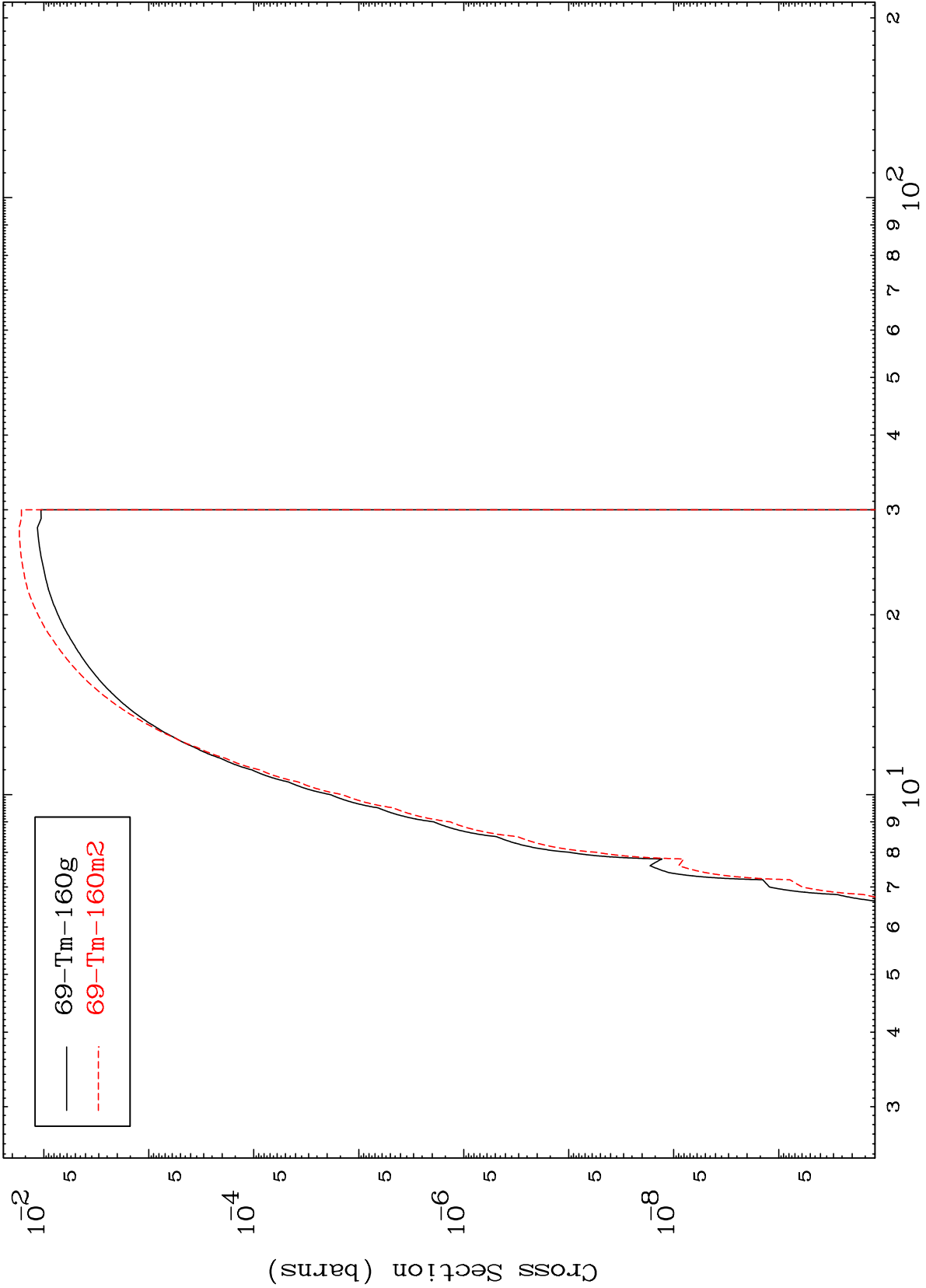
70-Yb-161

55

MAT 7004

70-Yb-161

(n,d)
Radionuclide Production Cross Section



56

Incident Energy (MeV)

70-Yb-161

MAT 7004

(n,d) α

70-Yb-161

Radionuclide Production Cross Section

