

Program EVALPLOT
(Version 2015-2)

by

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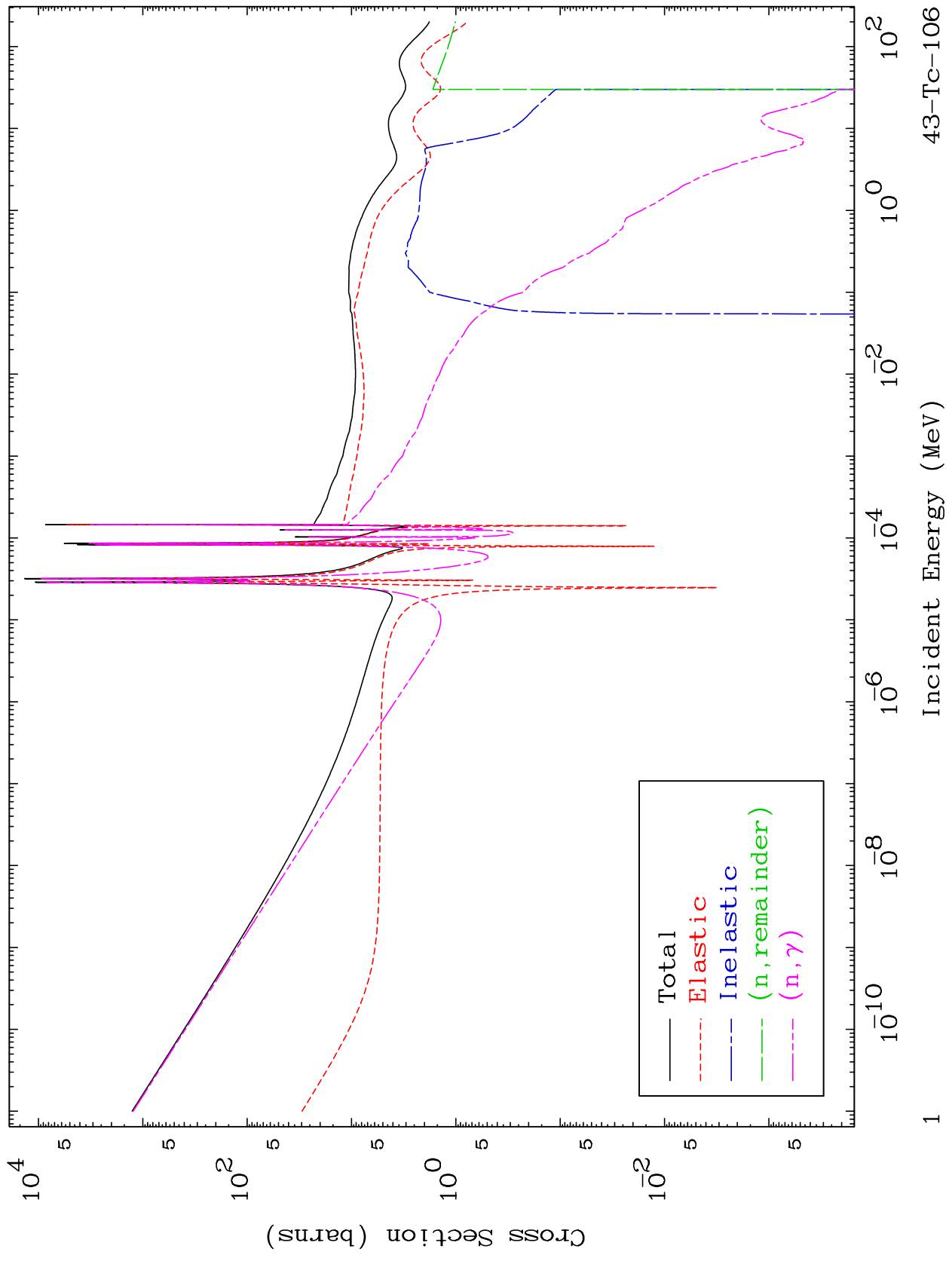
Press Mouse Button to Start

MAT 4346

Major

293 Kelvin Cross Sections

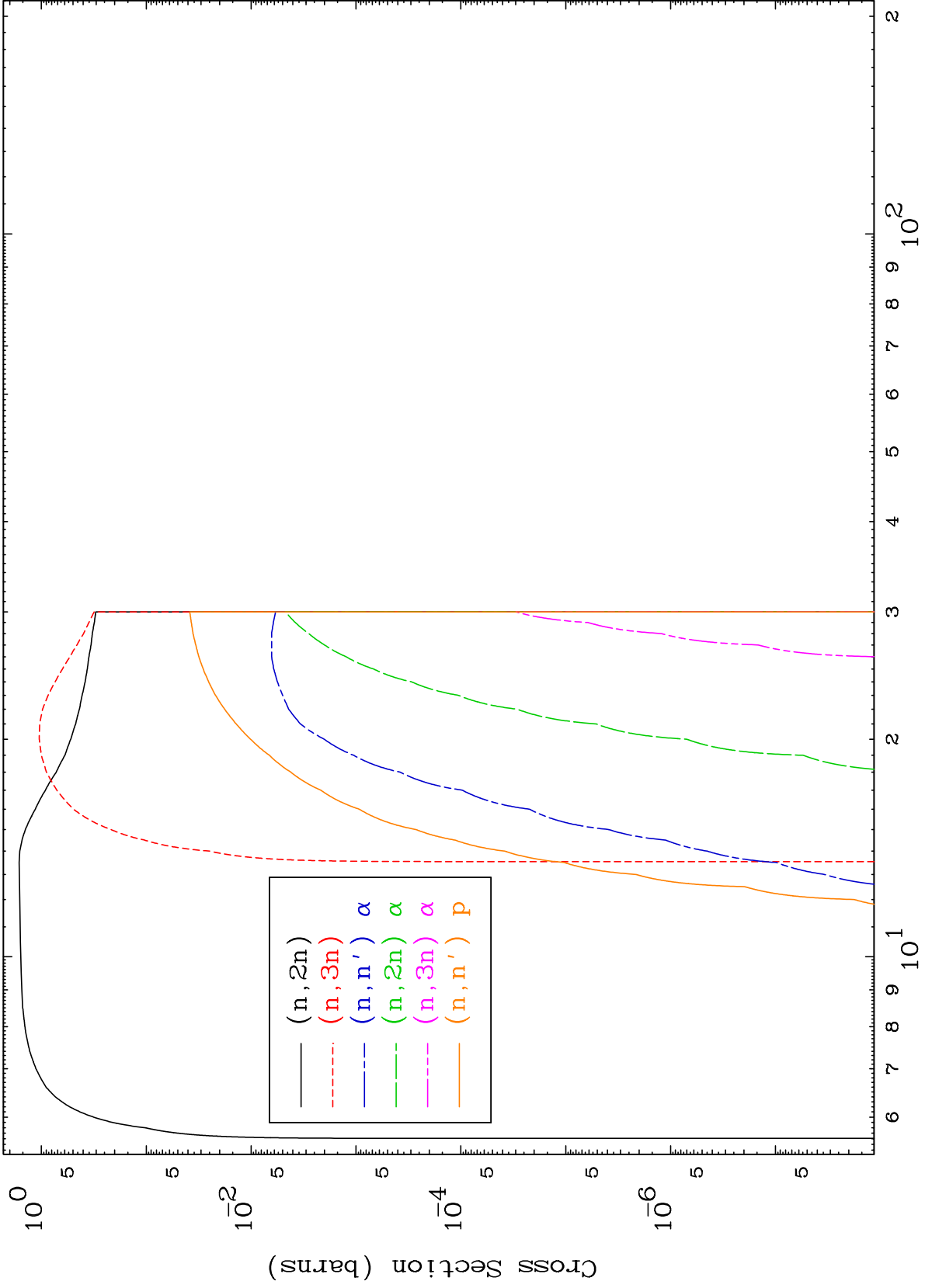
43-Tc-106



MAT 4346

Neutron Production
293 Kelvin Cross Sections

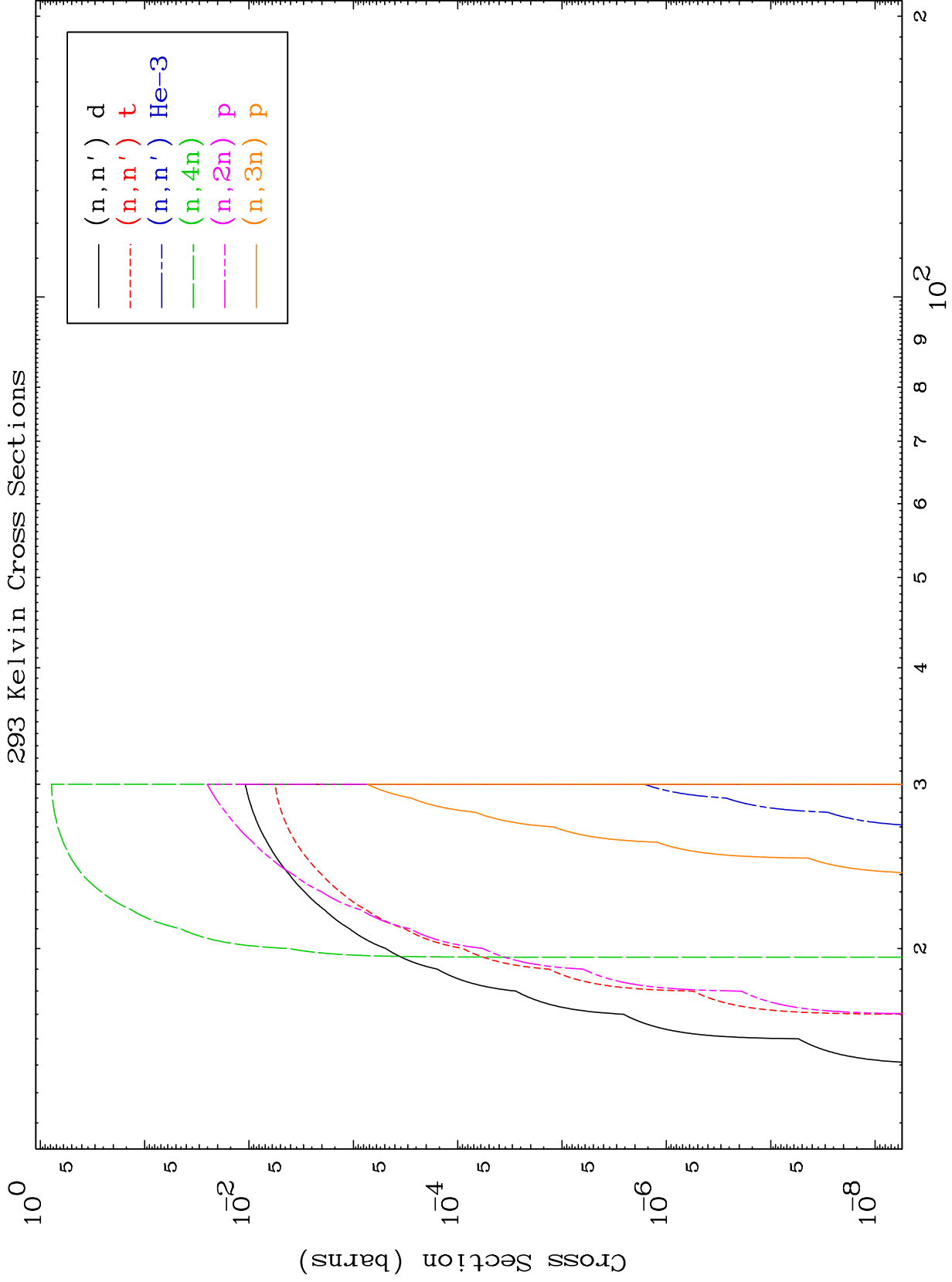
43-Tc-106



MAT 4346

Neutron Production
293 Kelvin Cross Sections

43-Tc-106



3

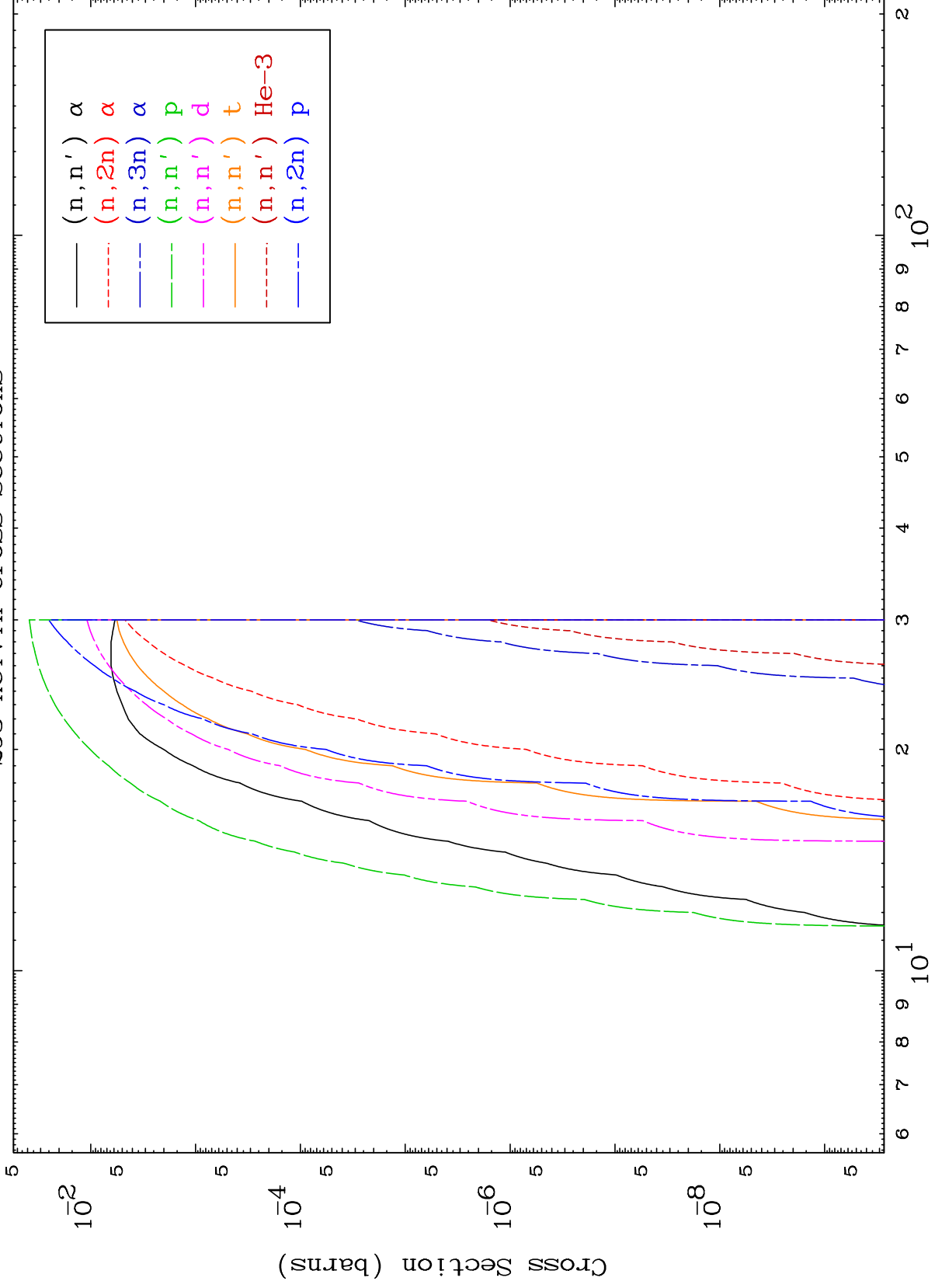
Incident Energy (MeV)

43-Tc-106

MAT 4346

Charged Particle
293 Kelvin Cross Sections

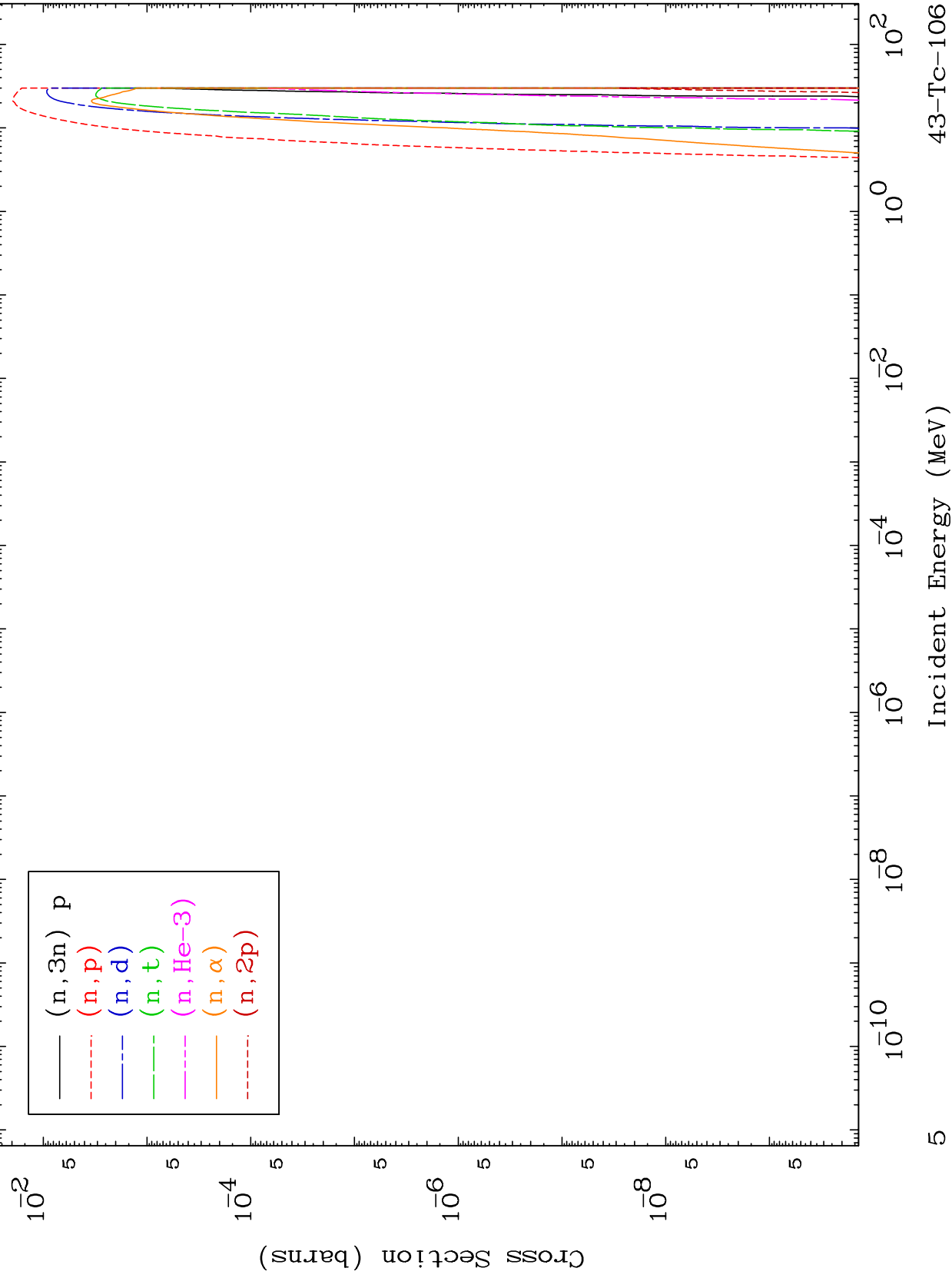
43-Tc-106



MAT 4346

Charged Particle
293 Kelvin Cross Sections

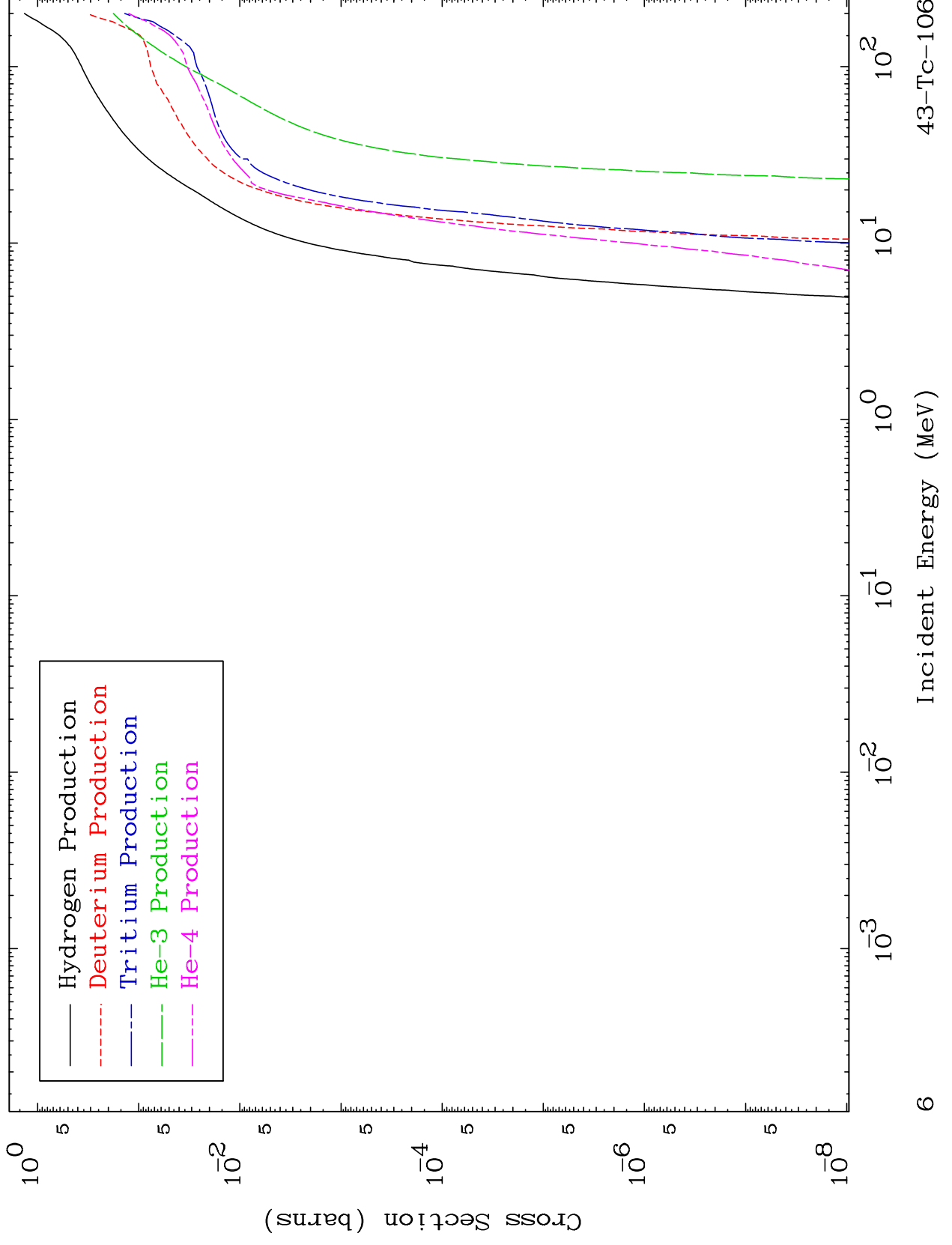
43-Tc-106



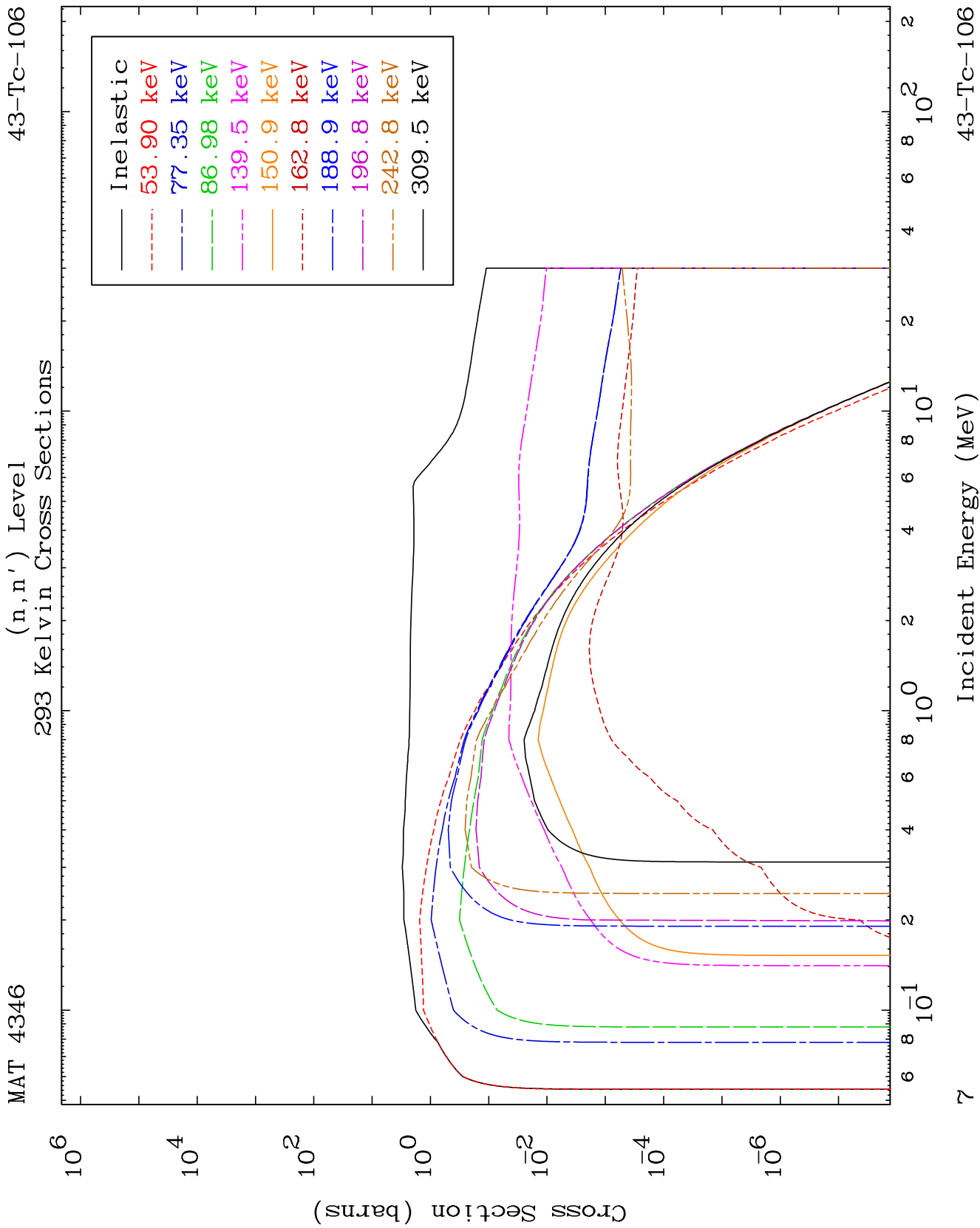
MAT 4346

Particle Production
293 Kelvin Cross Sections

43-Tc-106



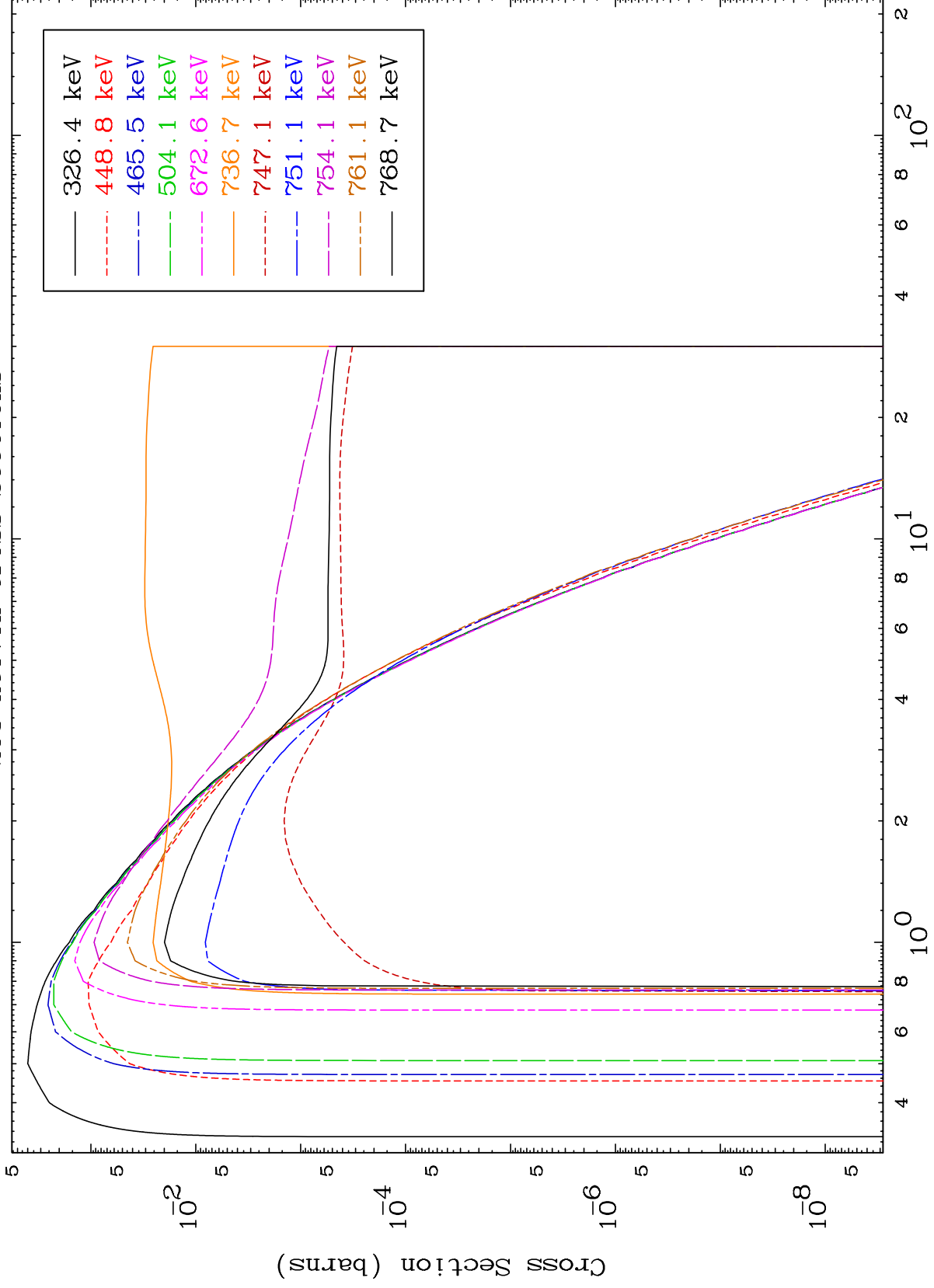
- Hydrogen Production
- Deuterium Production
- Tritium Production
- He-3 Production
- He-4 Production



MAT 4346

(n,n') Level
293 Kelvin Cross Sections

43-Tc-106



8

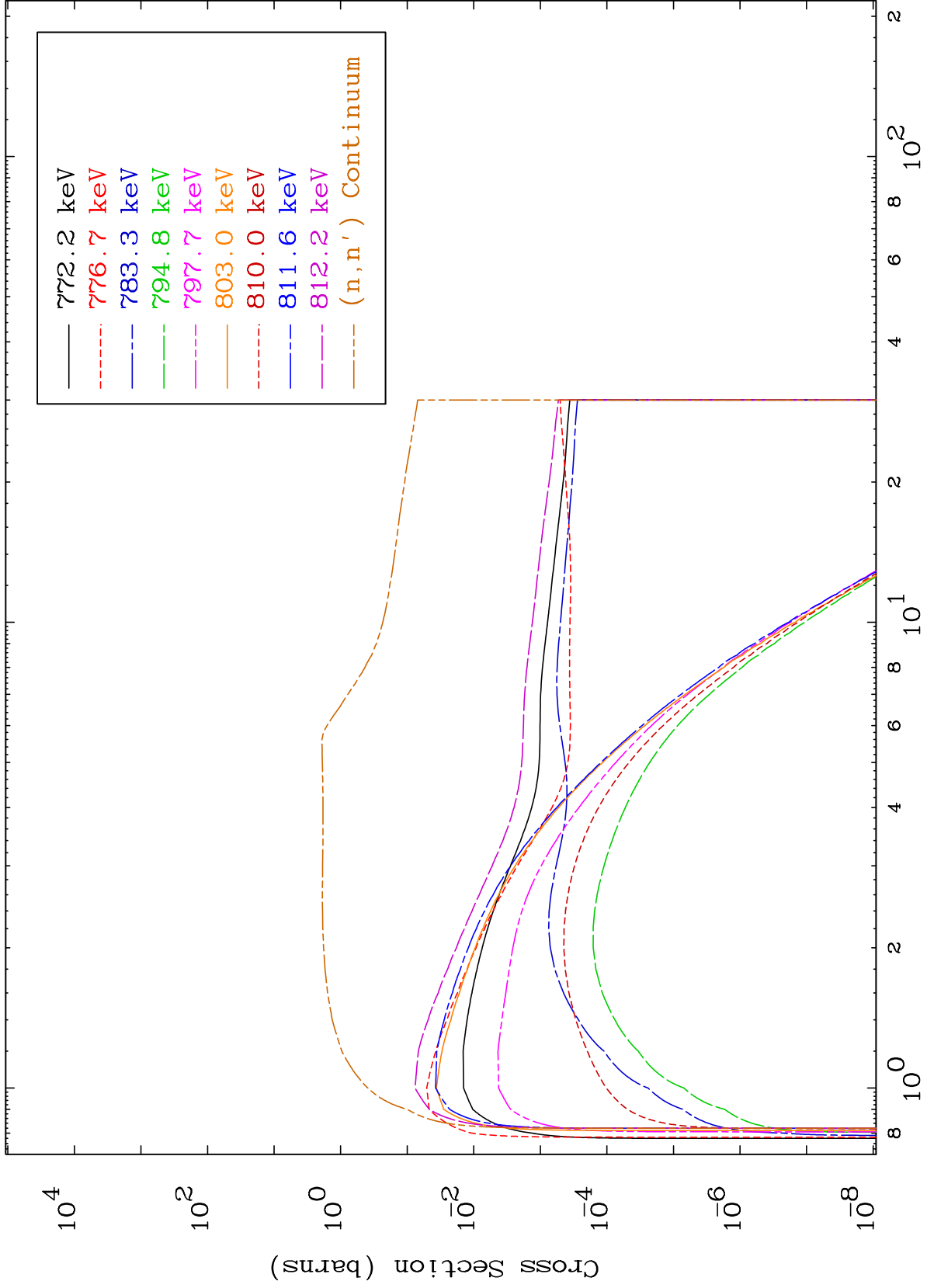
Incident Energy (MeV)

43-Tc-106

MAT 4346

(n,n') Level
293 Kelvin Cross Sections

43-Tc-106



9

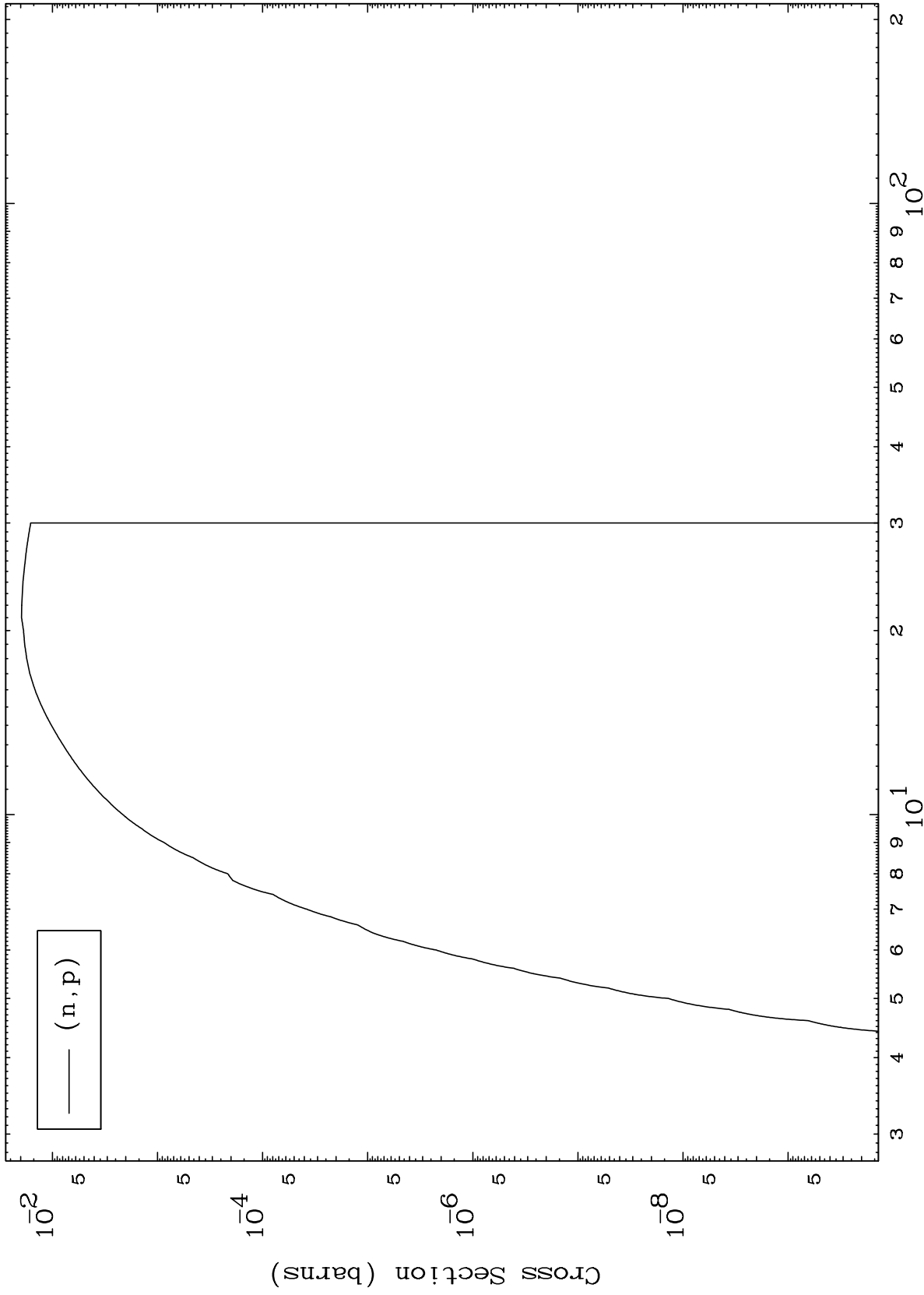
Incident Energy (MeV)

43-Tc-106

MAT 4346

(n,p) Levels
293 Kelvin Cross Sections

43-Tc-106



10

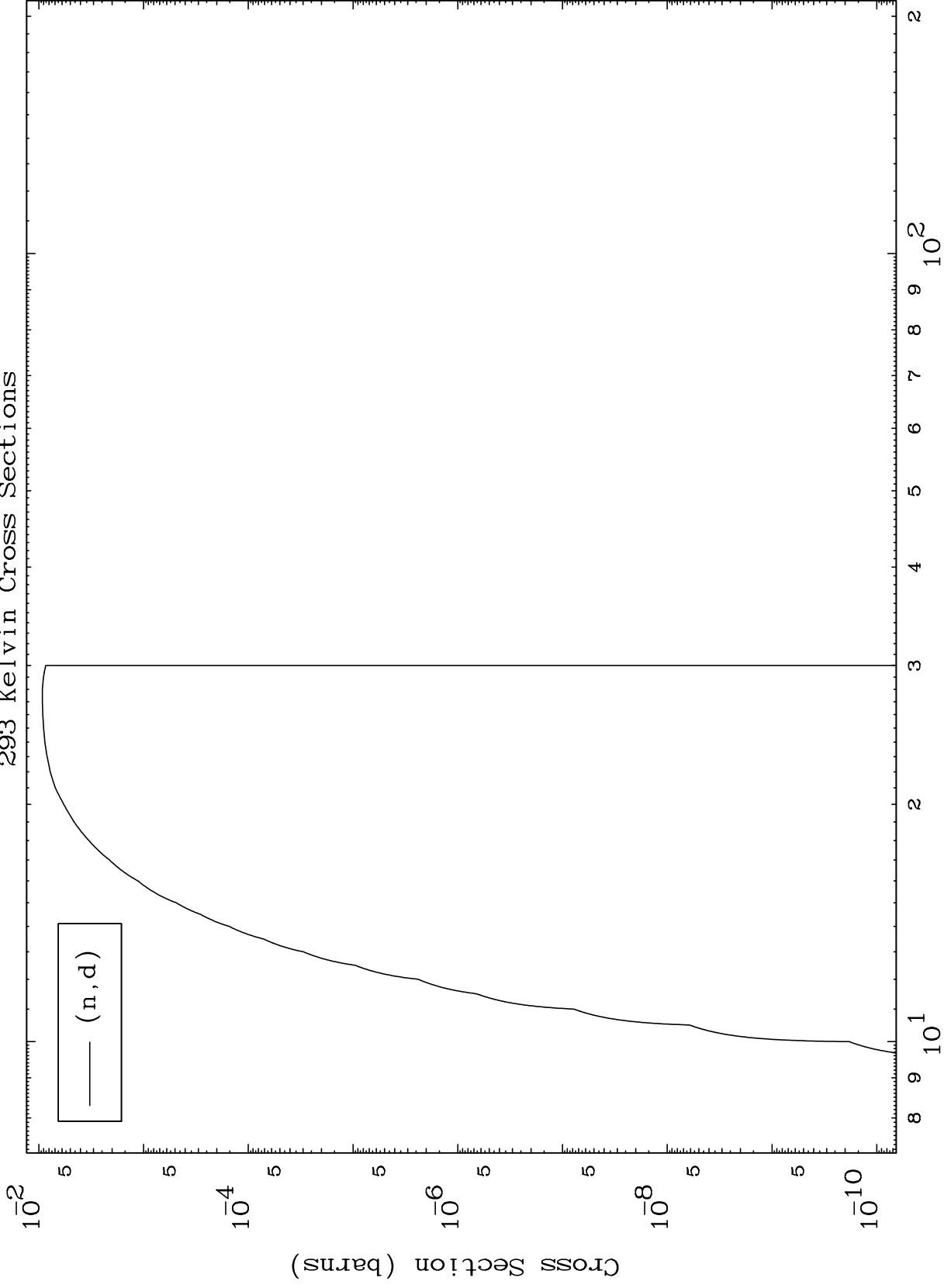
Incident Energy (MeV)

43-Tc-106

MAT 4346

(n,d) Levels
293 Kelvin Cross Sections

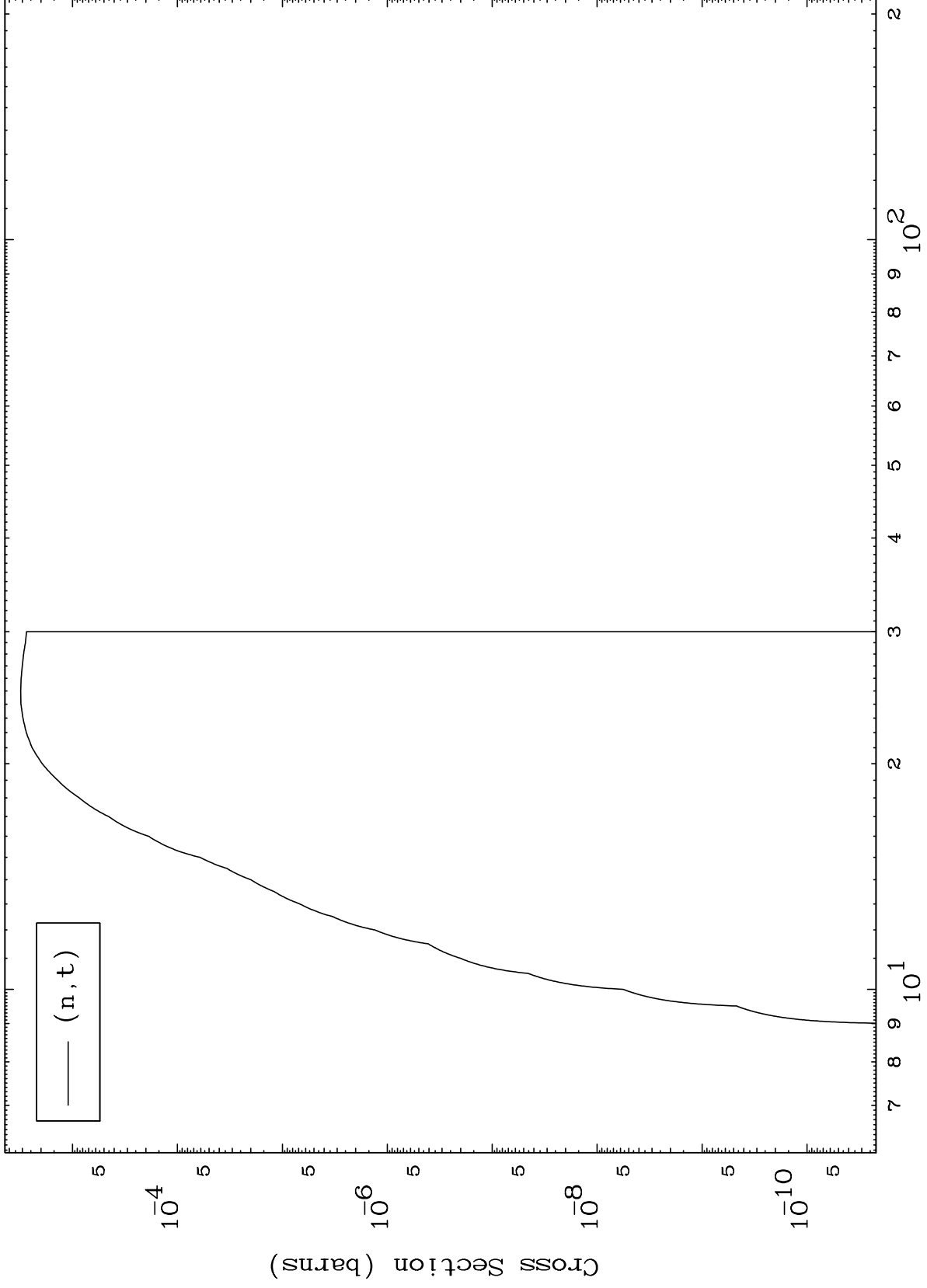
43-Tc-106



MAT 4346

(n,t) Levels
293 Kelvin Cross Sections

43-Tc-106



12

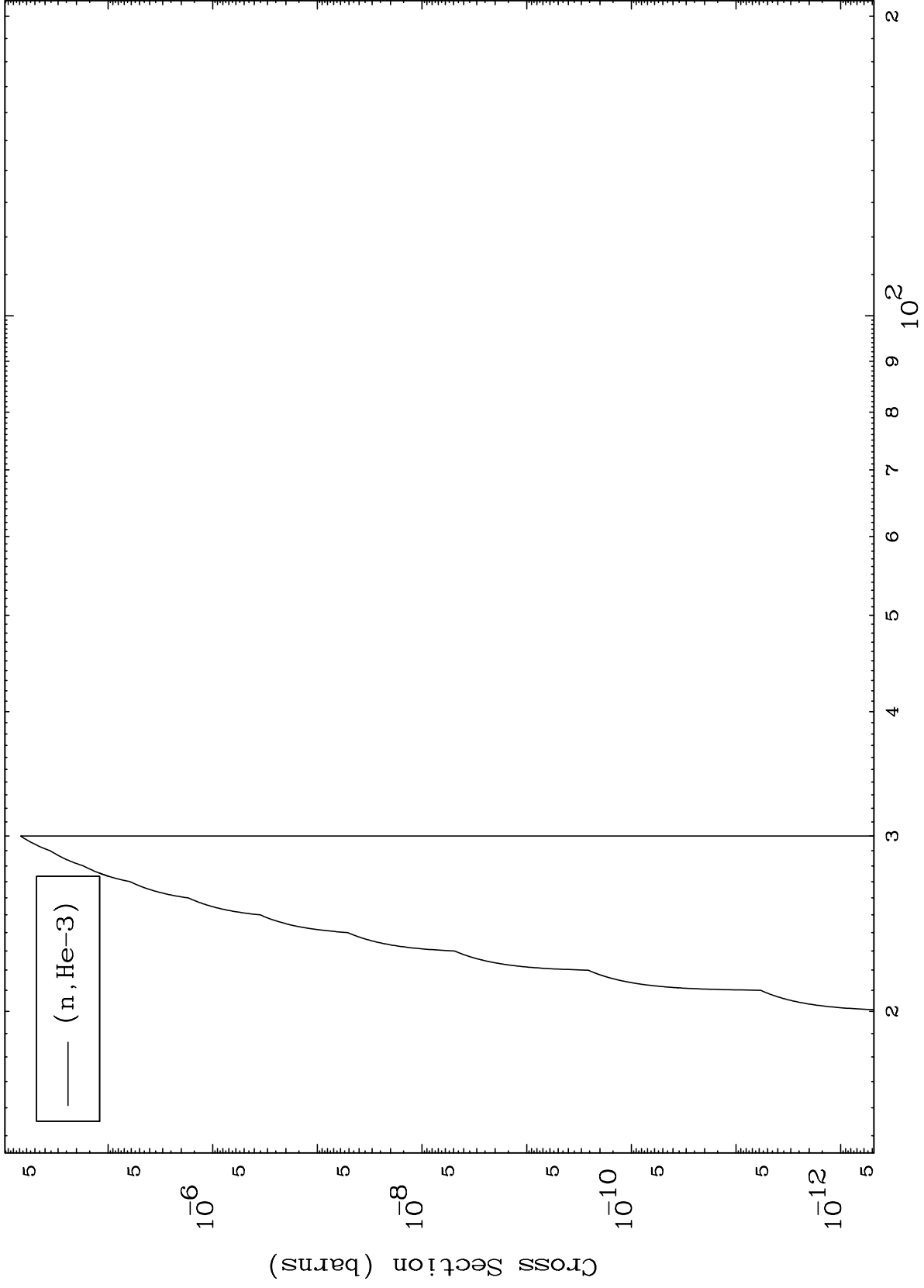
Incident Energy (MeV)

43-Tc-106

MAT 4346

(n,He3) Levels
293 Kelvin Cross Sections

43-Tc-106



13

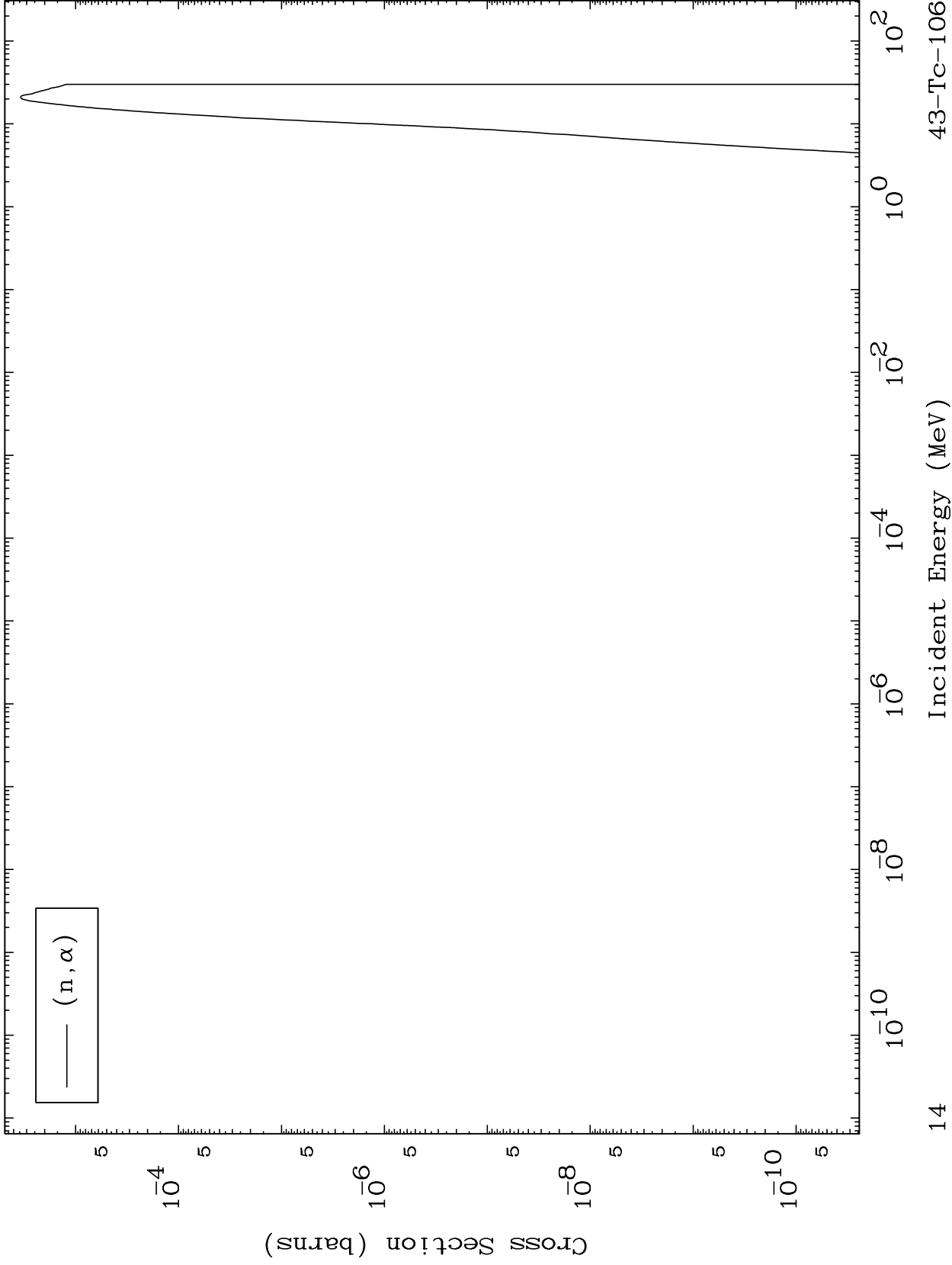
Incident Energy (MeV)

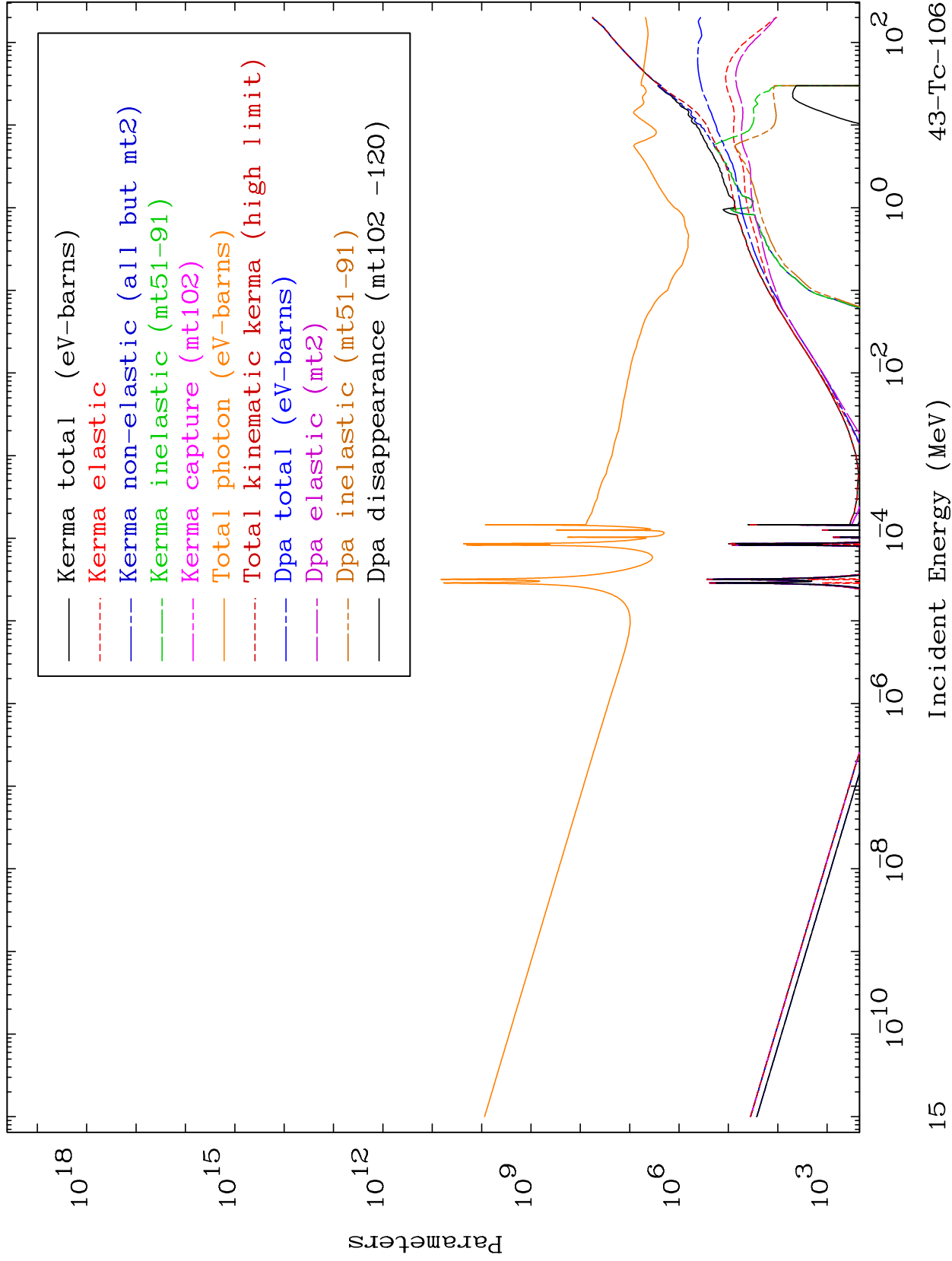
43-Tc-106

MAT 4346

(n, α) Levels
293 Kelvin Cross Sections

43-Tc-106

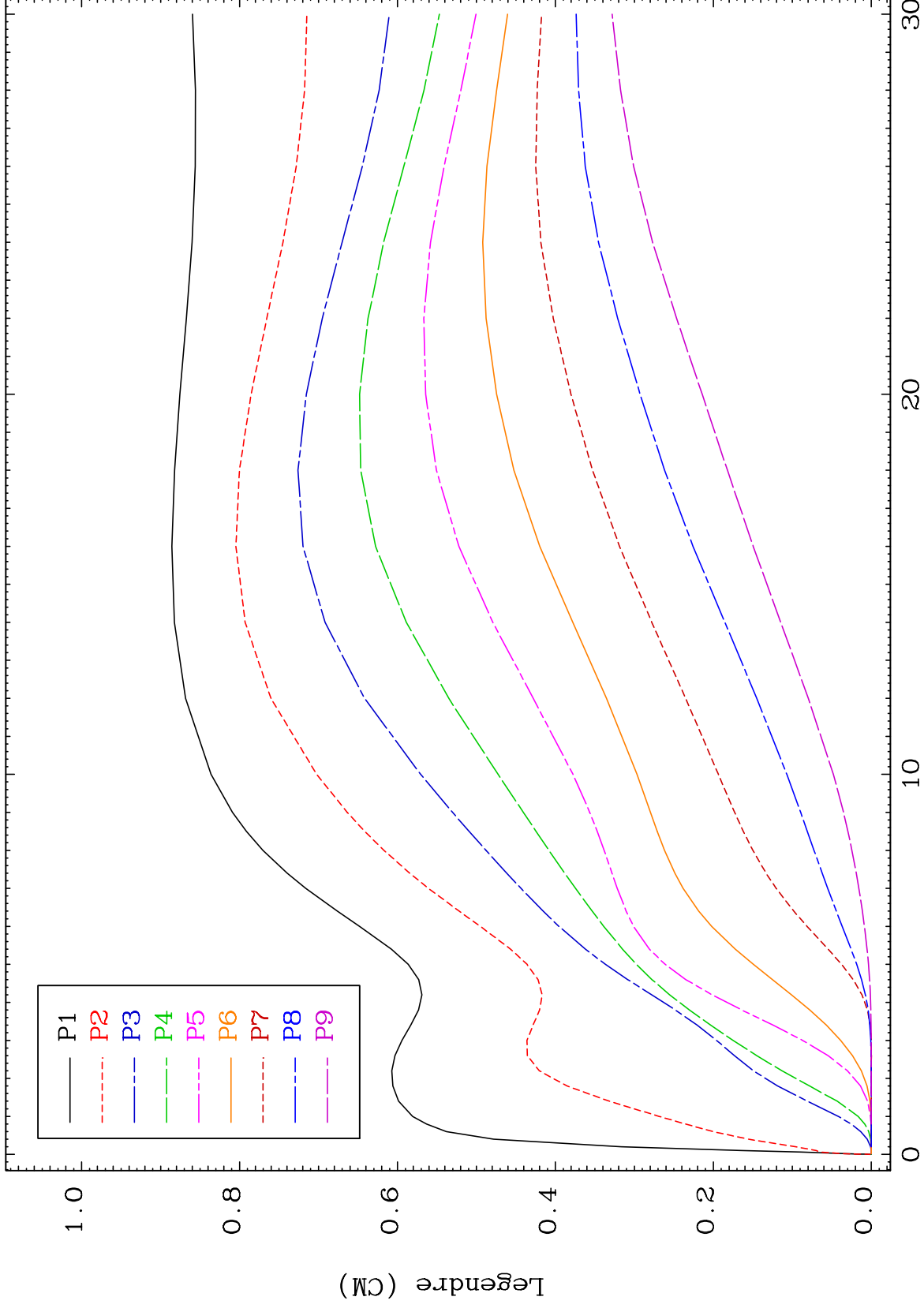




MAT 4346

Elastic Legendre Coefficients

43-Tc-106



16

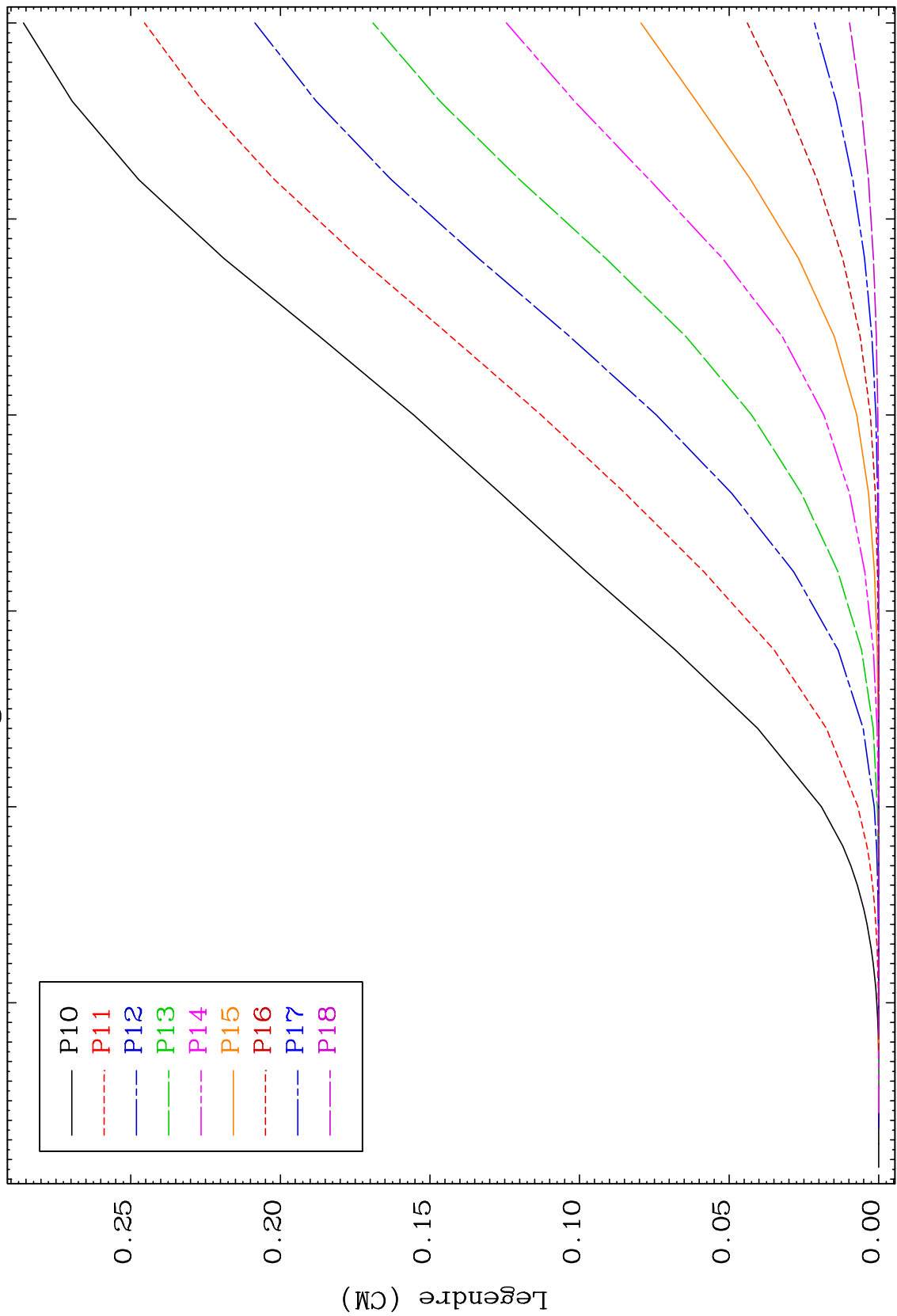
Incident Energy (MeV)

43-Tc-106

MAT 4346

Elastic Legendre Coefficients

43-Tc-106



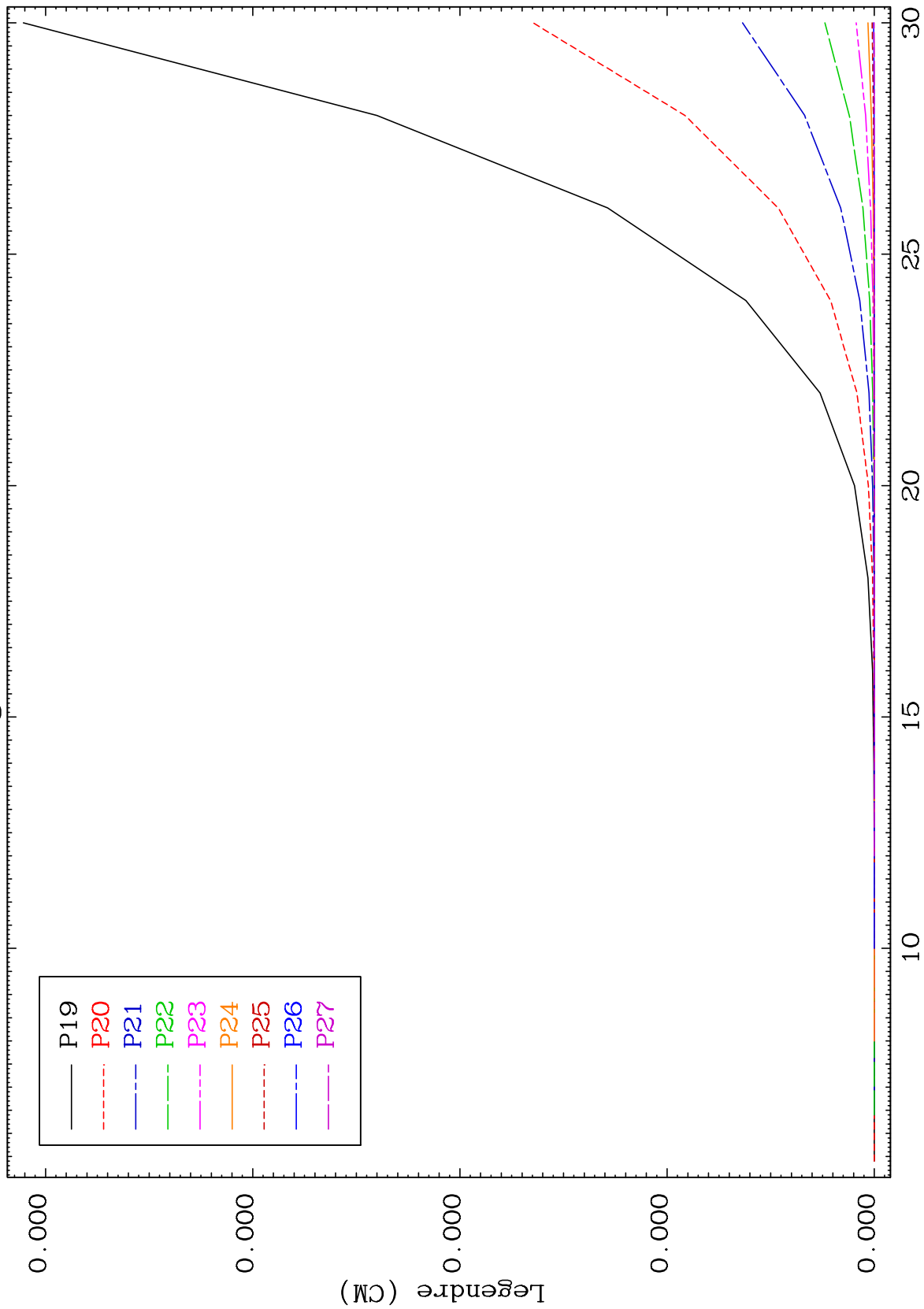
17

43-Tc-106

MAT 4346

Elastic
Legendre Coefficients

43-Tc-106



18

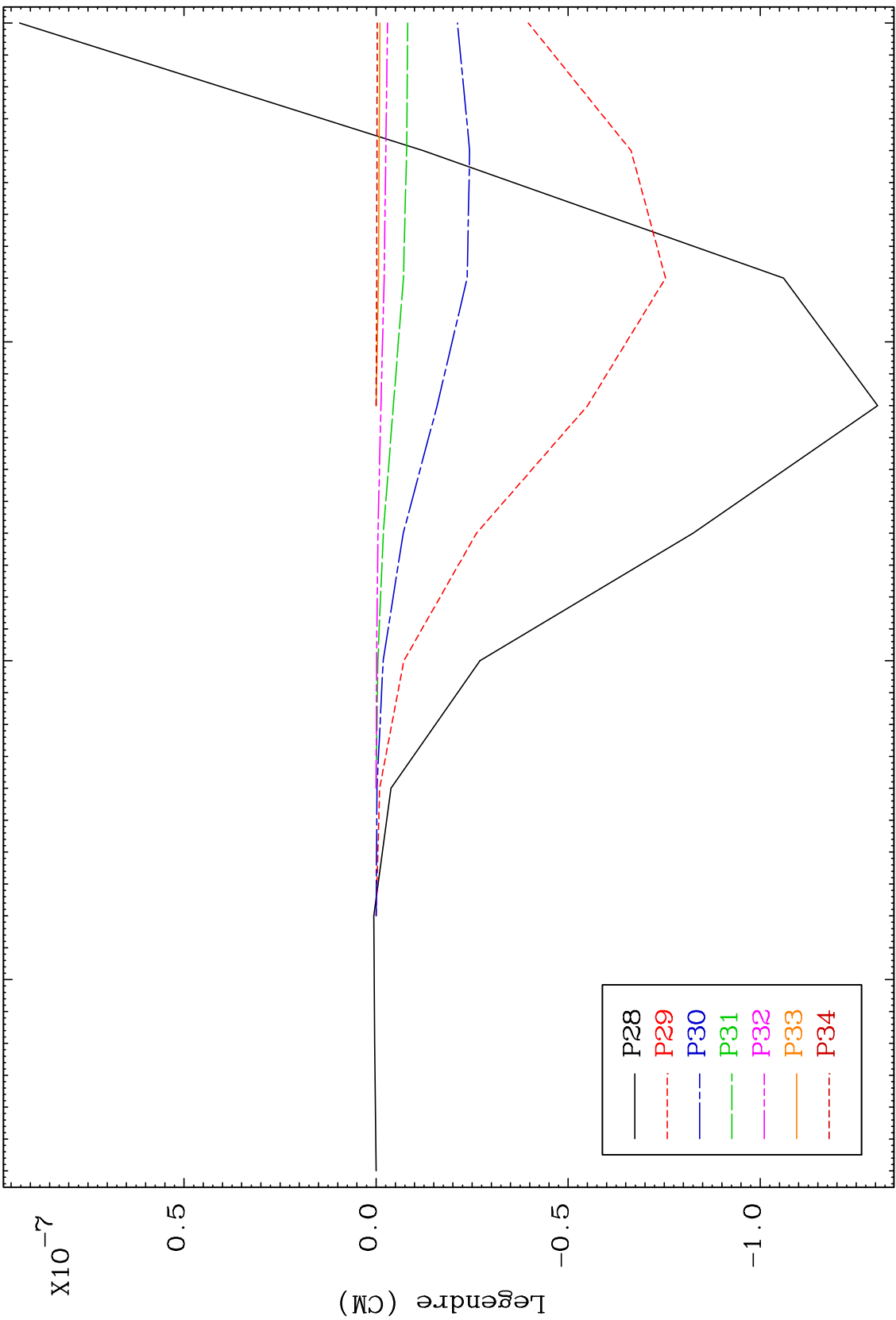
Incident Energy (MeV)

43-Tc-106

MAT 4346

Elastic Legendre Coefficients

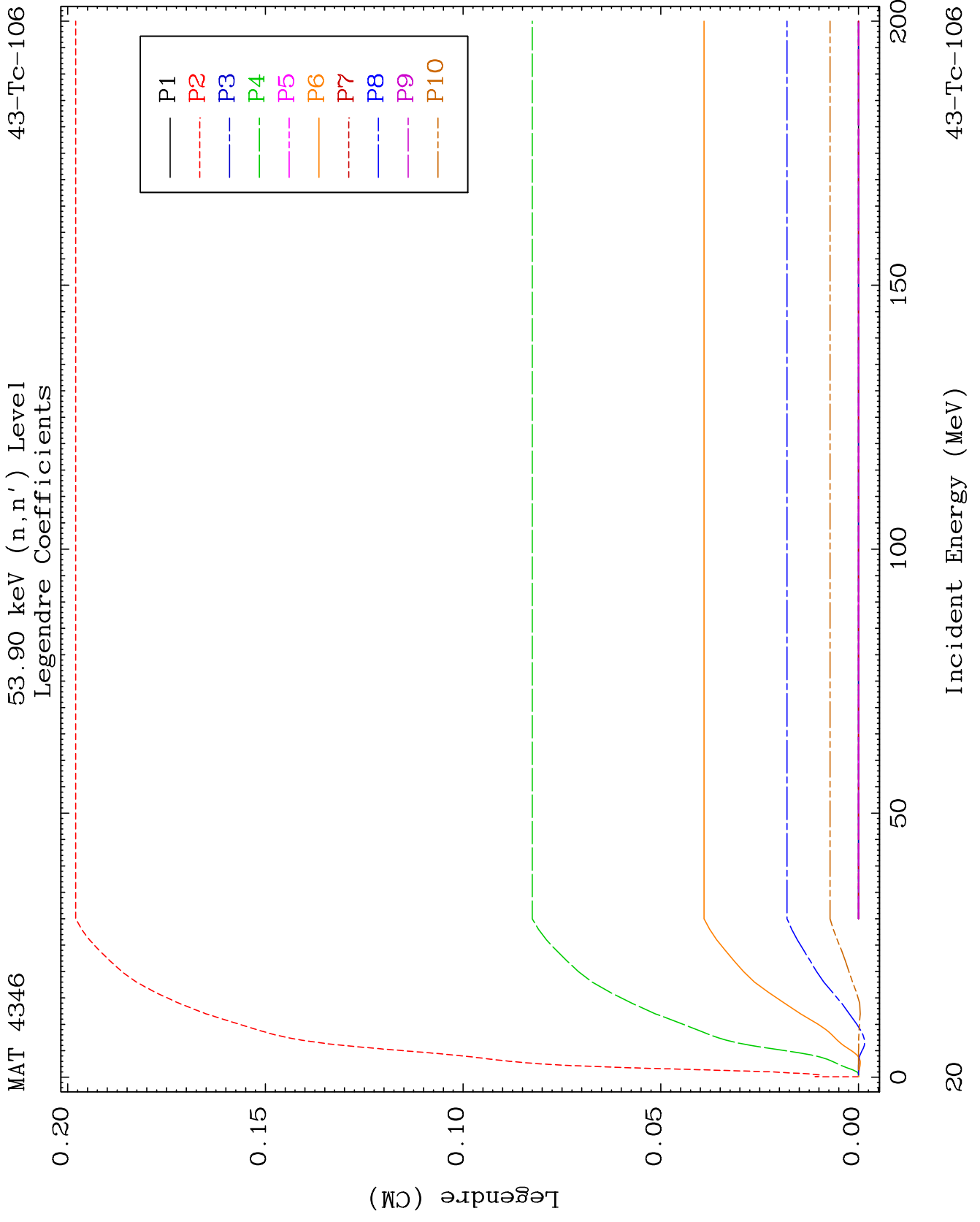
43-Tc-106

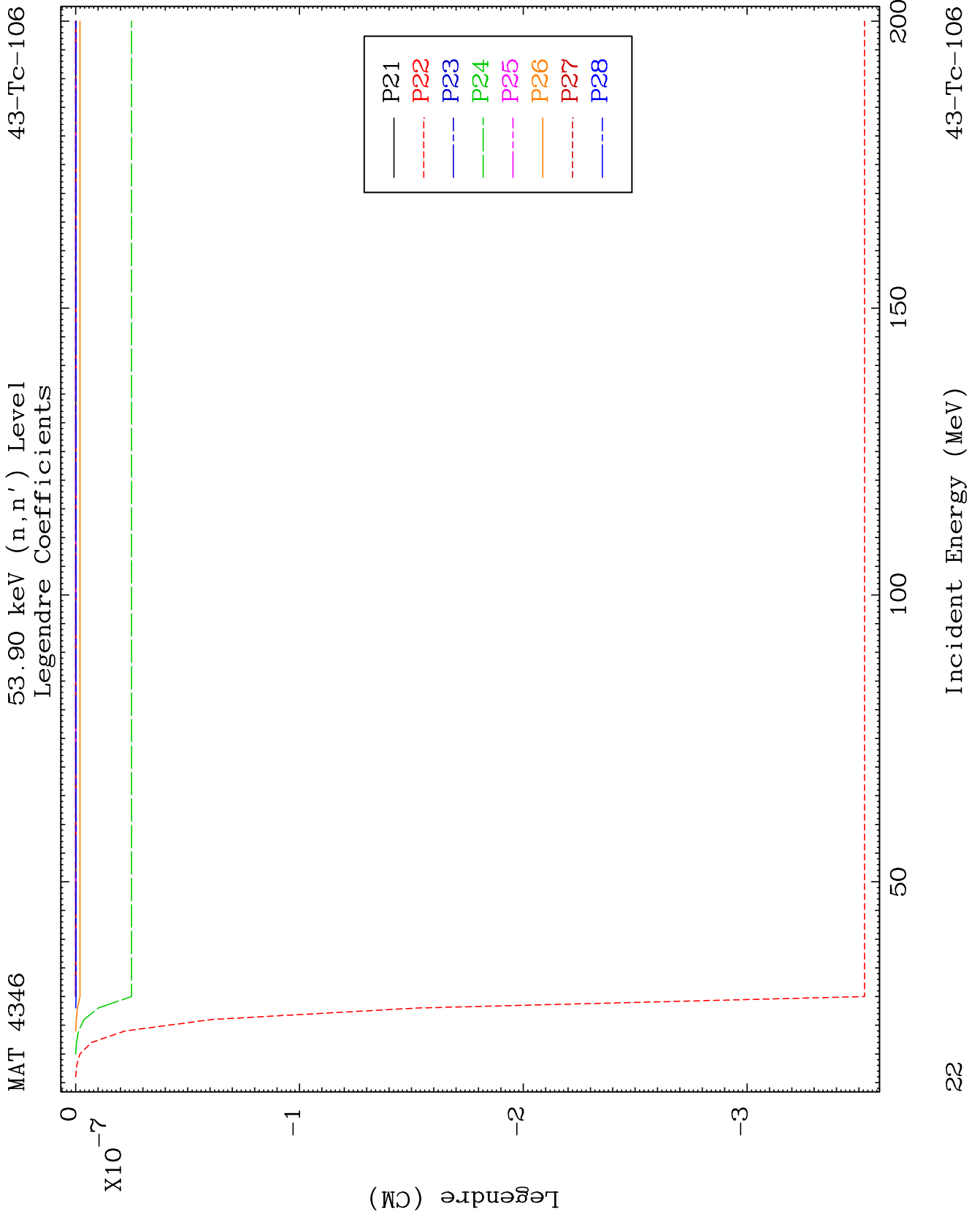


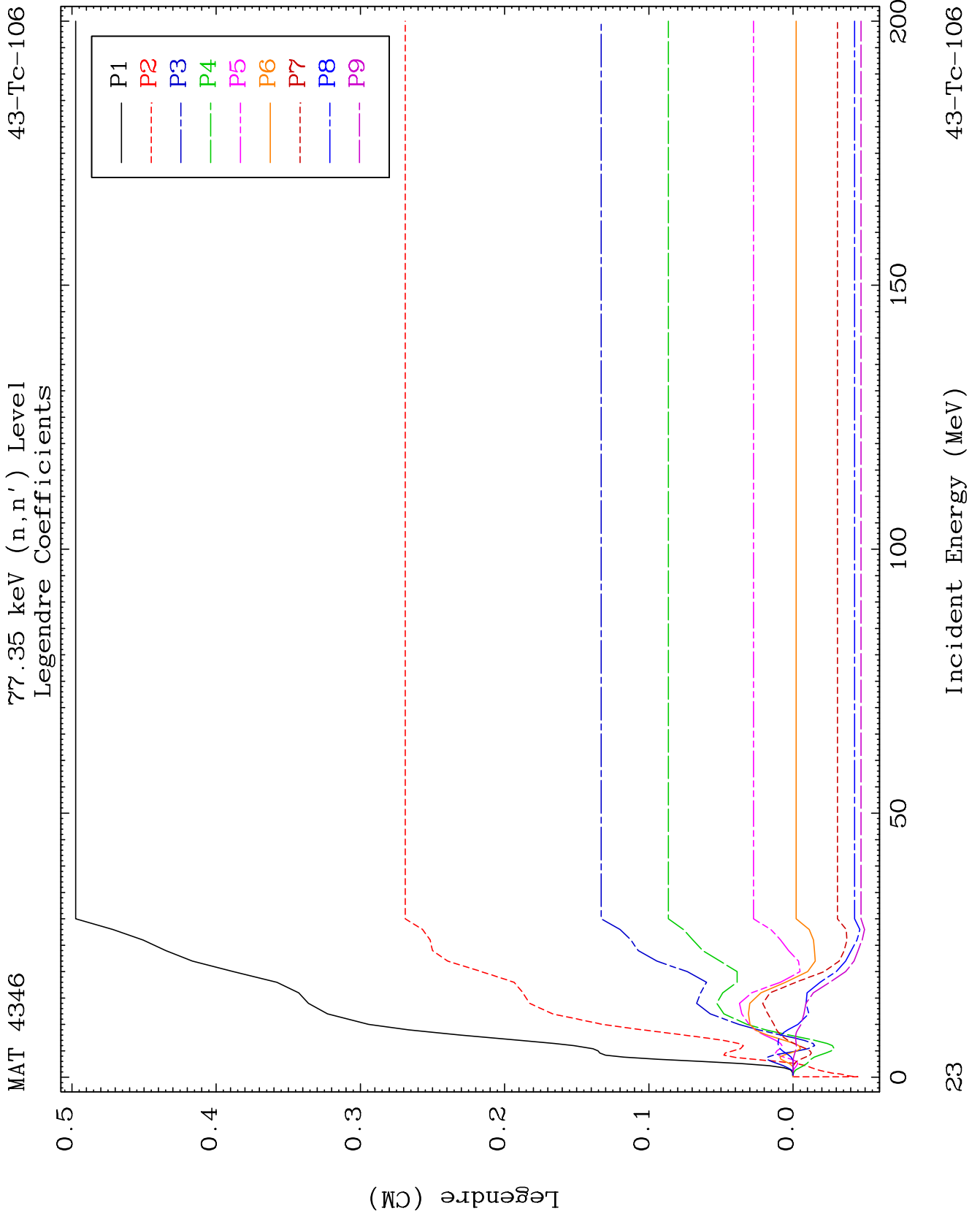
19

Incident Energy (MeV)

43-Tc-106



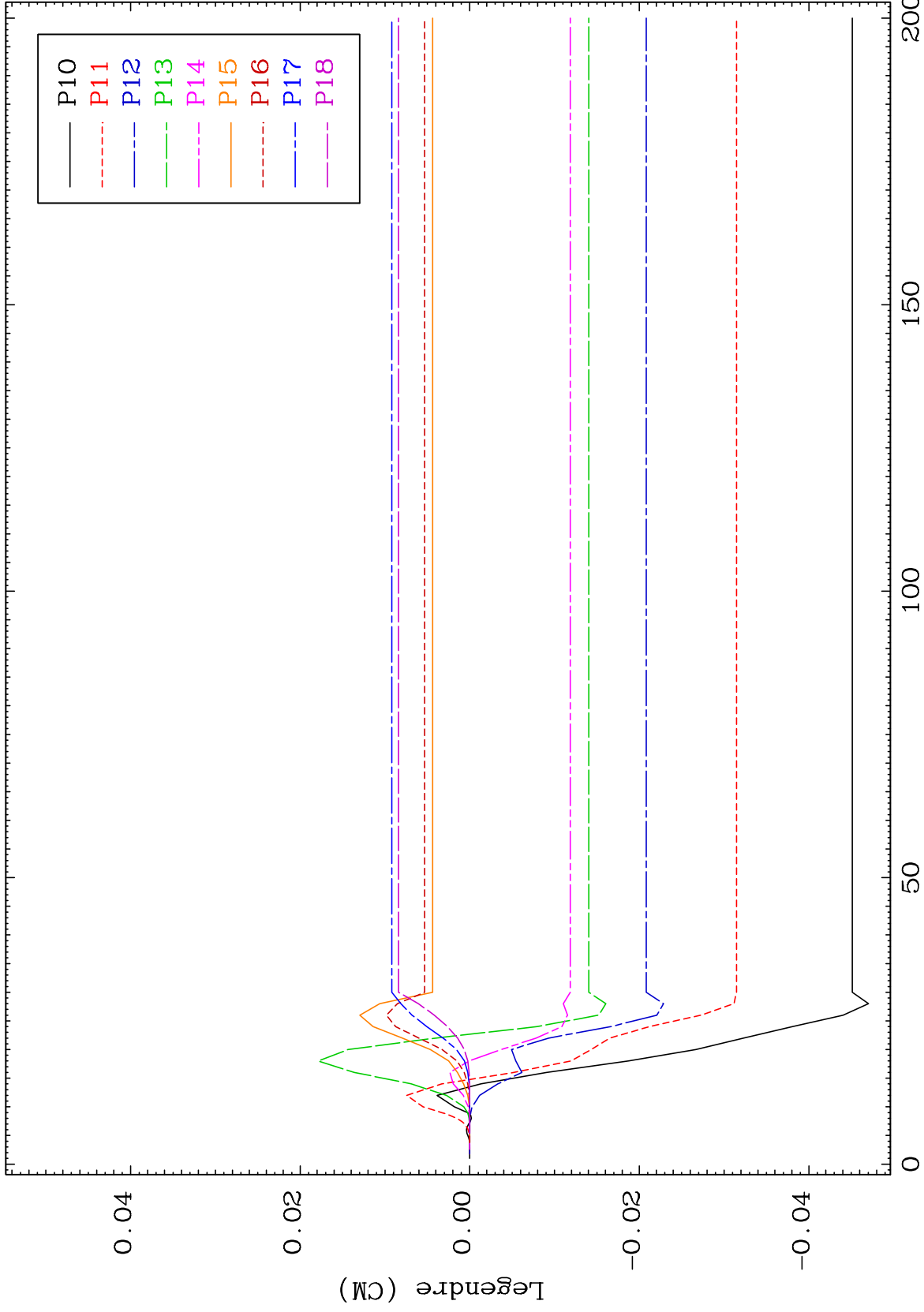




MAT 4346

77.35 keV (n,n') Level
Legendre Coefficients

43-Tc-106



24

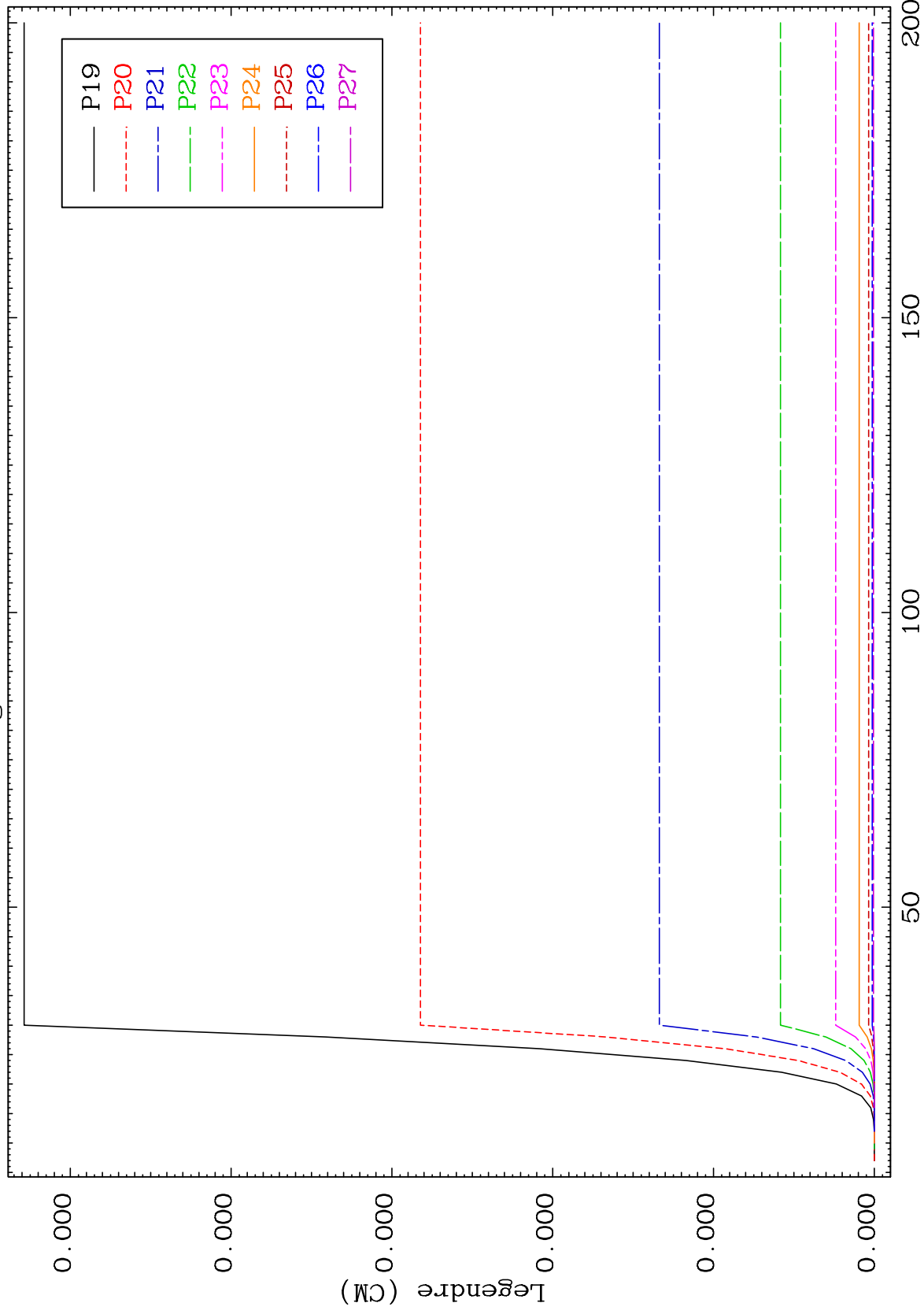
Incident Energy (MeV)

43-Tc-106

MAT 4346

77.35 keV (n,n') Level
Legendre Coefficients

43-Tc-106



25

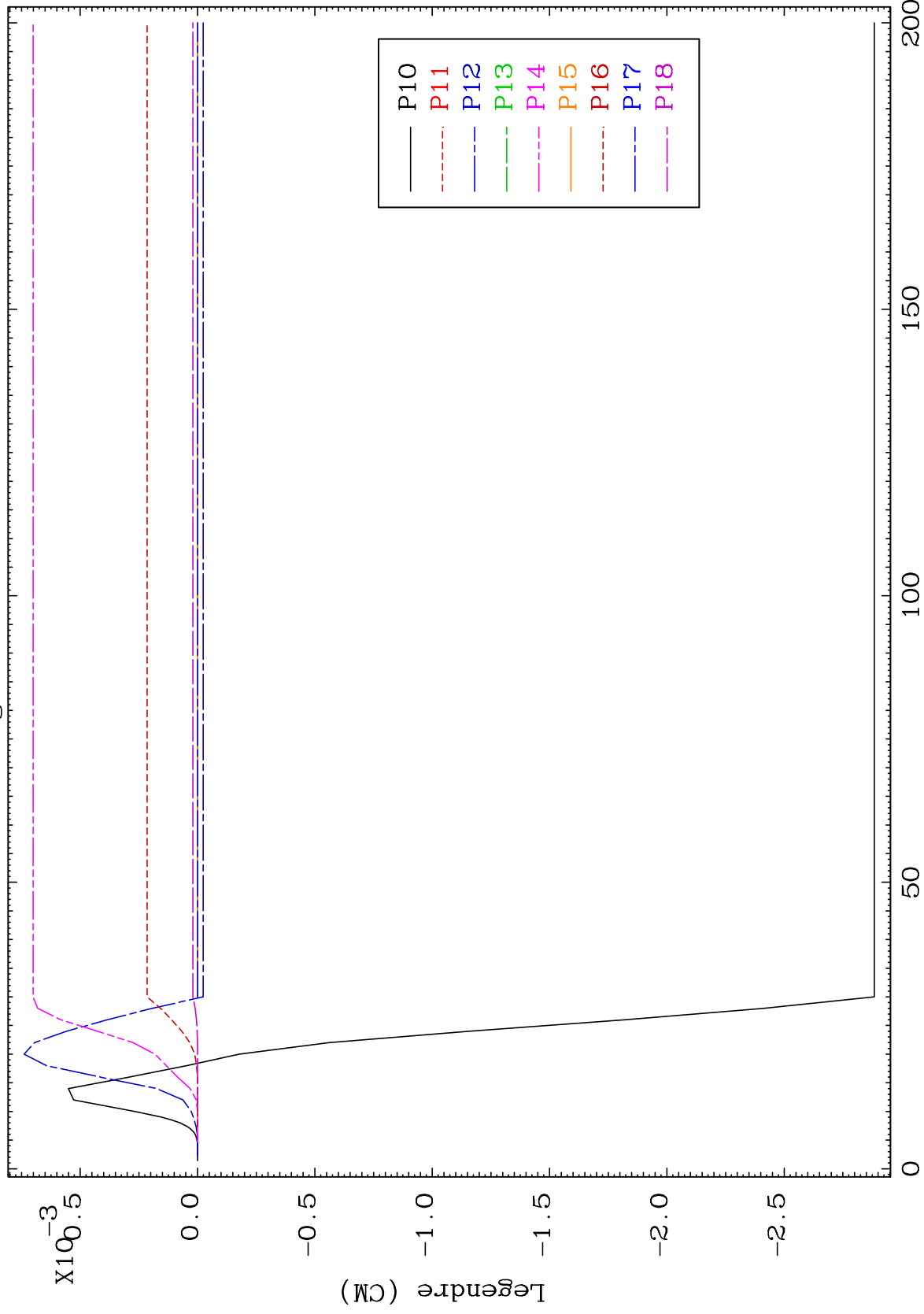
Incident Energy (MeV)

43-Tc-106

MAT 4346

86.98 keV (n,n') Level
Legendre Coefficients

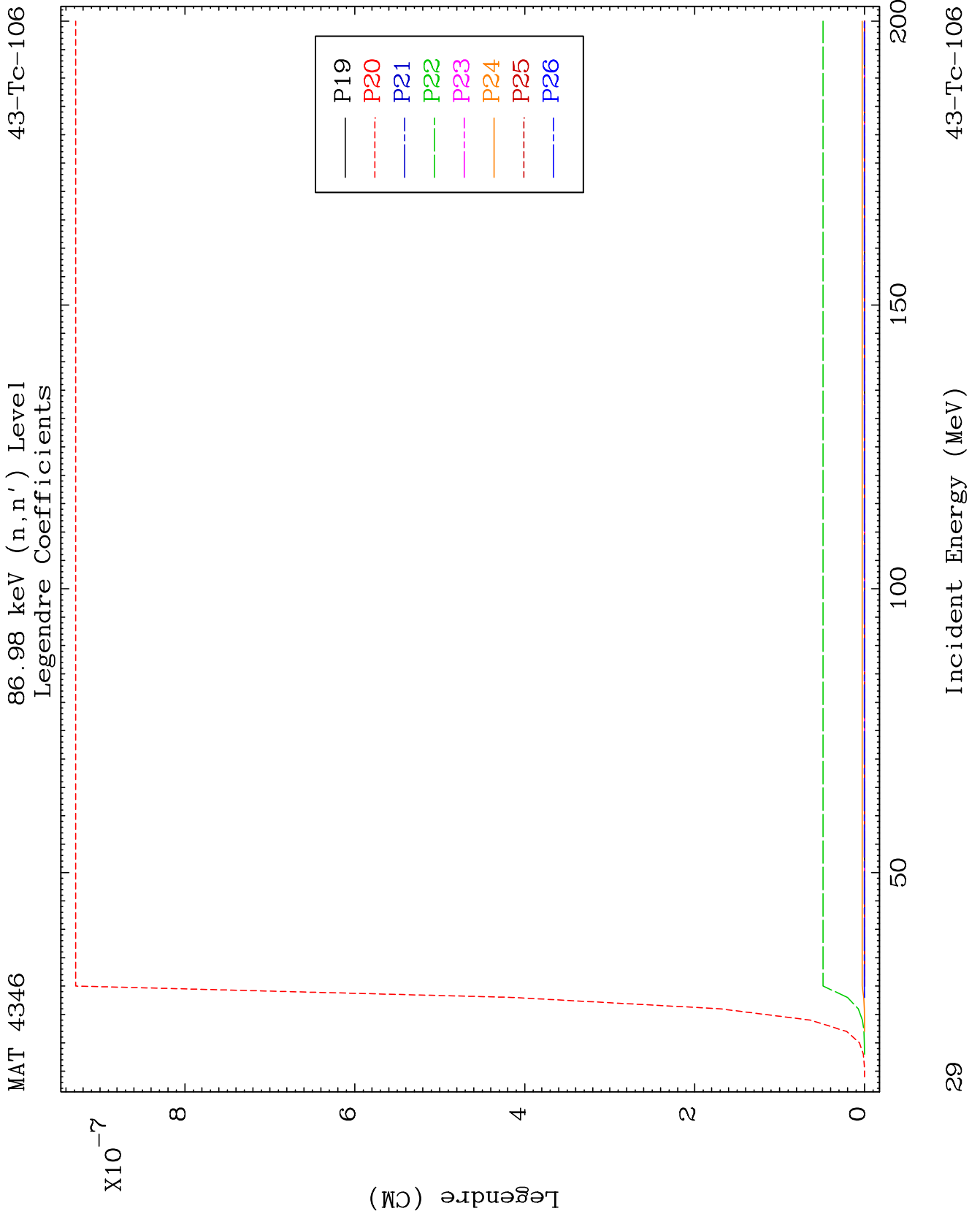
43-Tc-106



28

Incident Energy (MeV)

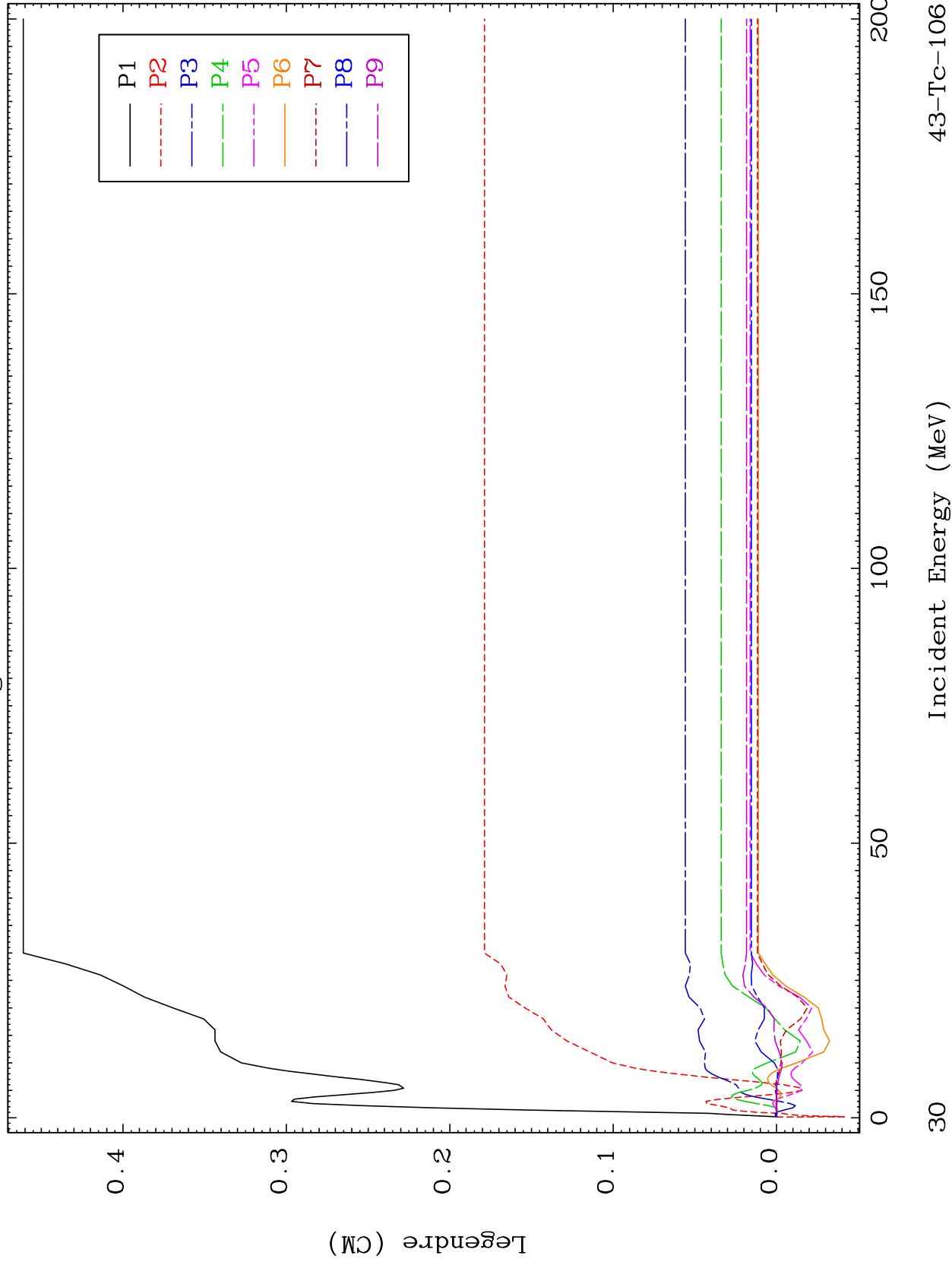
43-Tc-106



MAT 4346

139.5 keV (n,n') Level
Legendre Coefficients

43-Tc-106



43-Tc-106

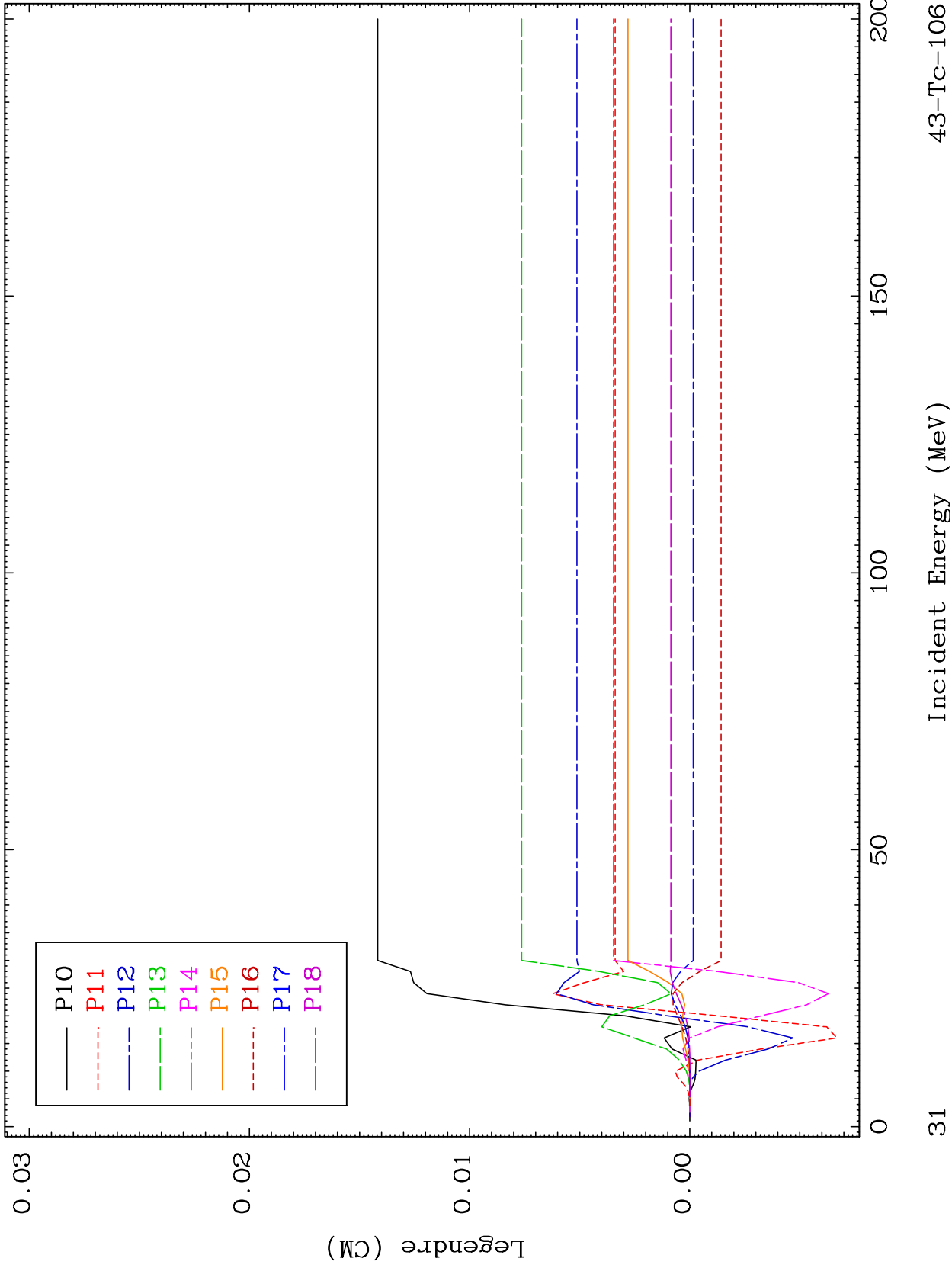
Incident Energy (MeV)

30

MAT 4346

139.5 keV (n,n') Level
Legendre Coefficients

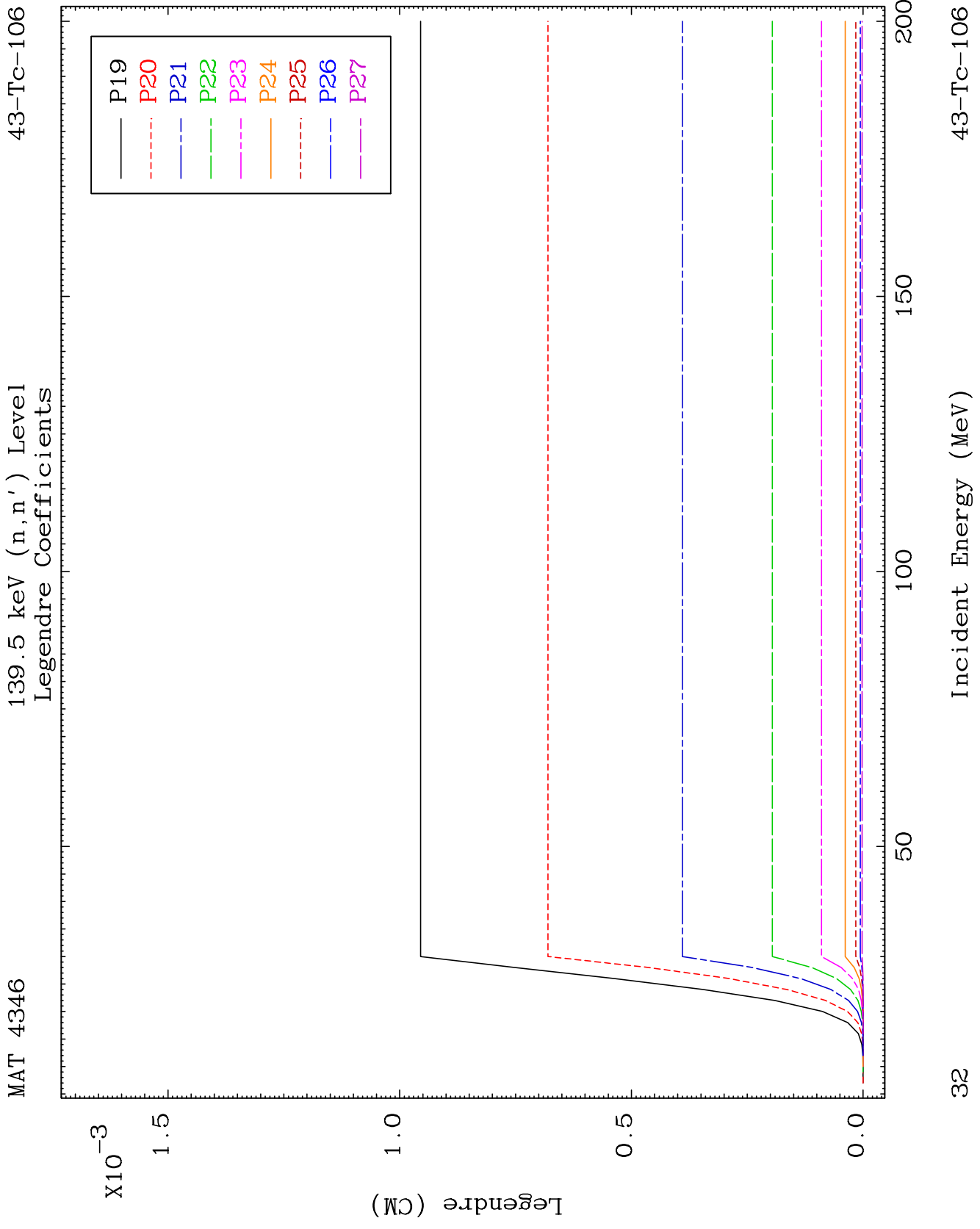
43-Tc-106

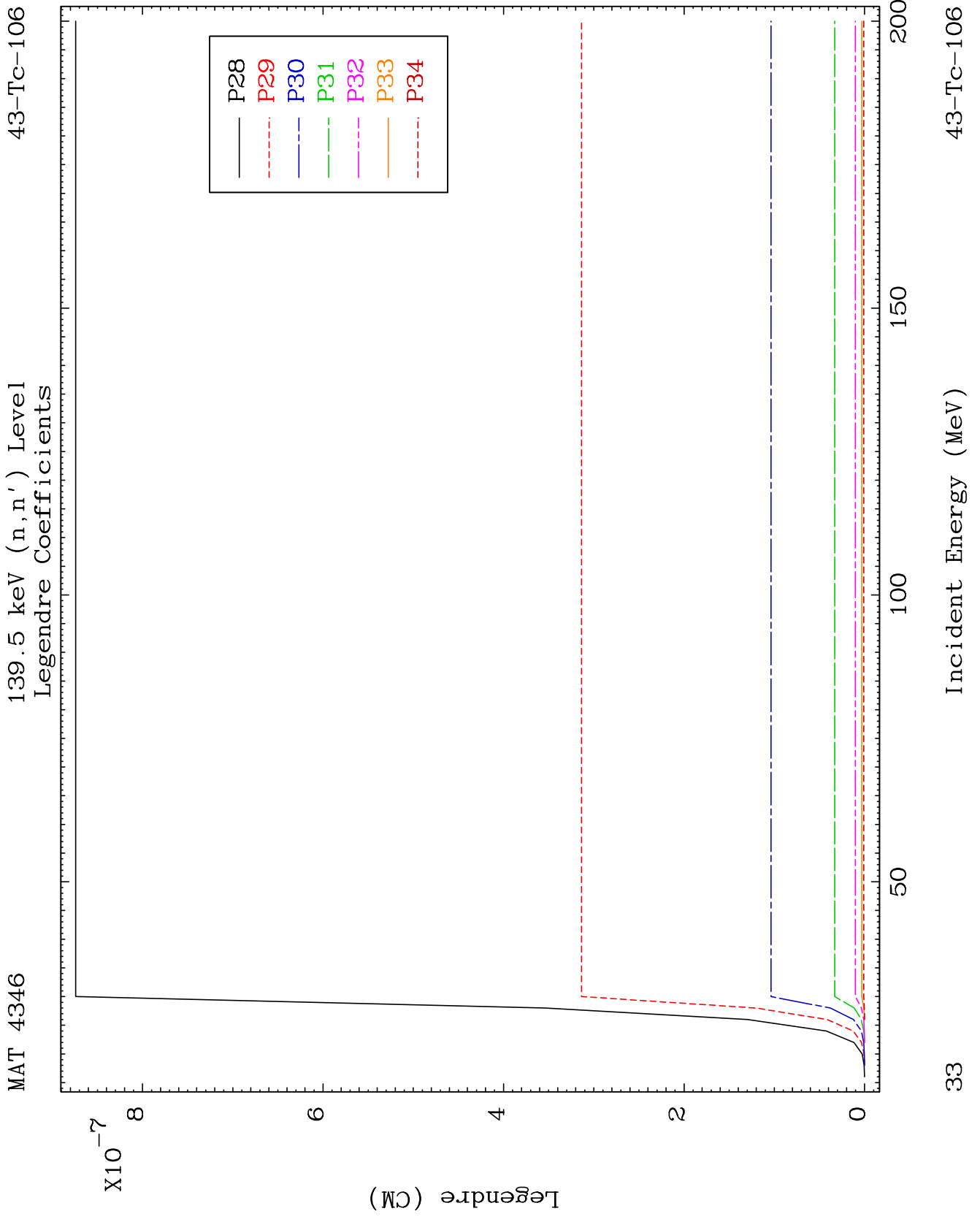


31

Incident Energy (MeV)

43-Tc-106

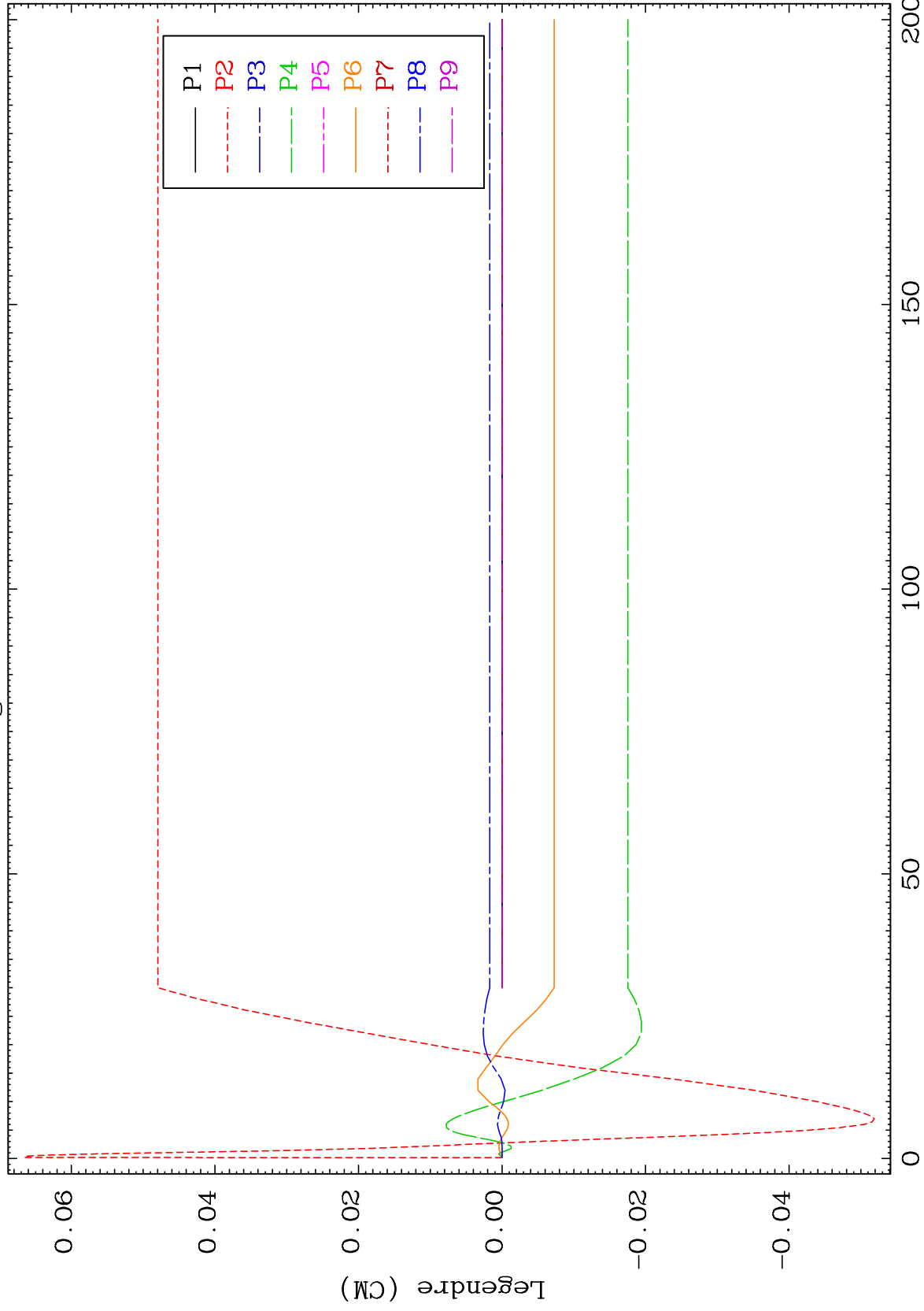




MAT 4346

150.9 keV (n,n') Level
Legendre Coefficients

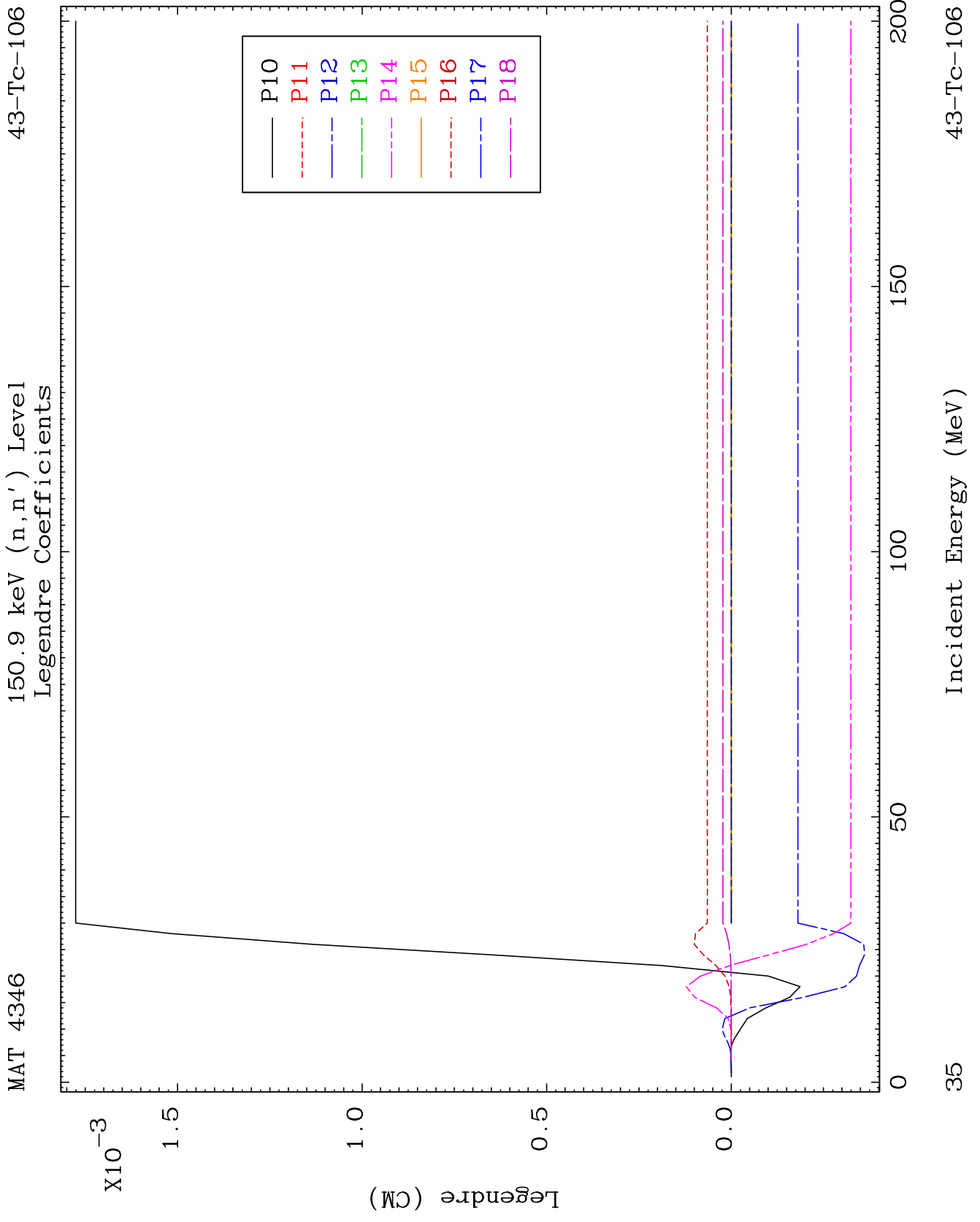
43-Tc-106

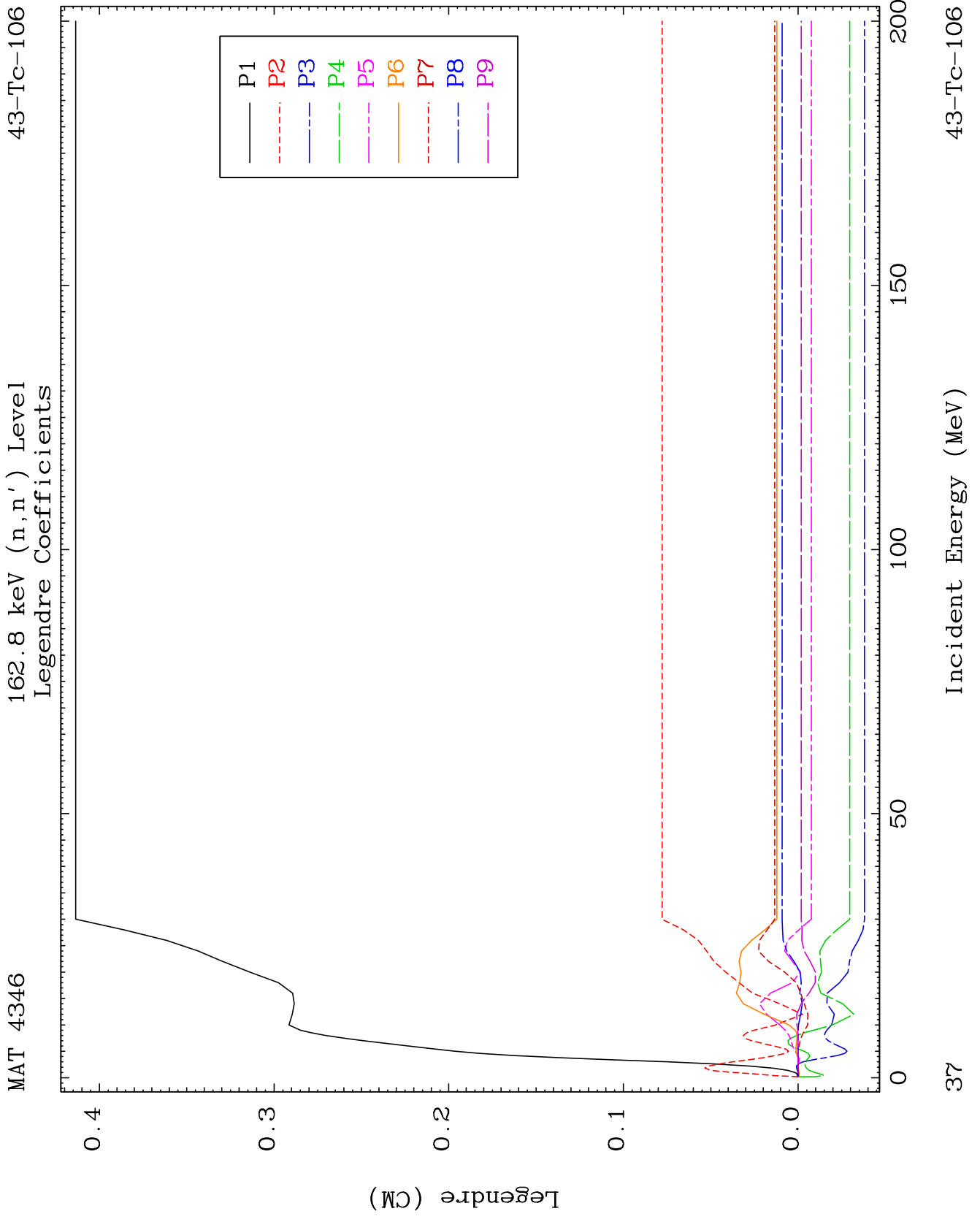


34

Incident Energy (MeV)

43-Tc-106

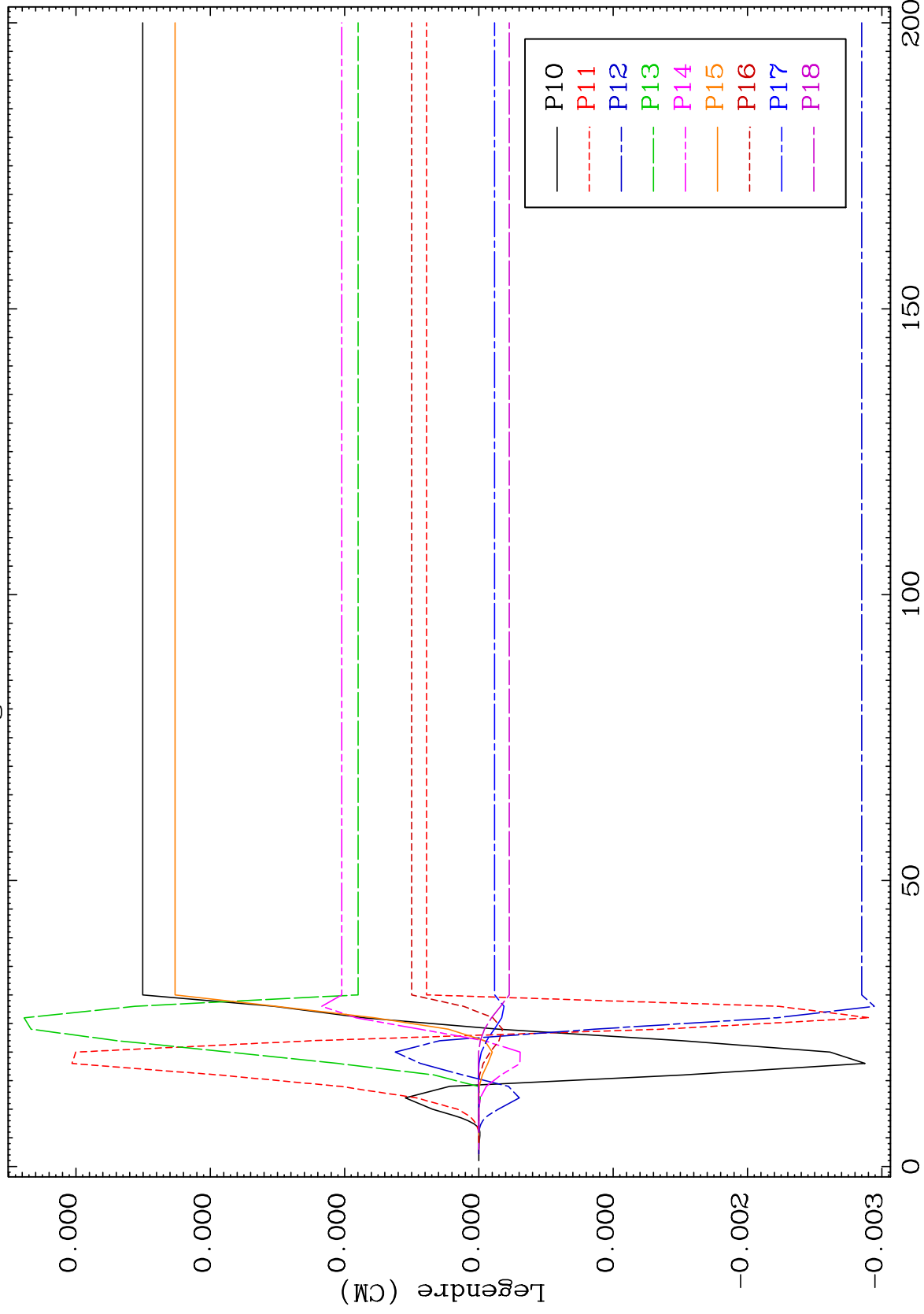




MAT 4346

162.8 keV (n,n') Level
Legendre Coefficients

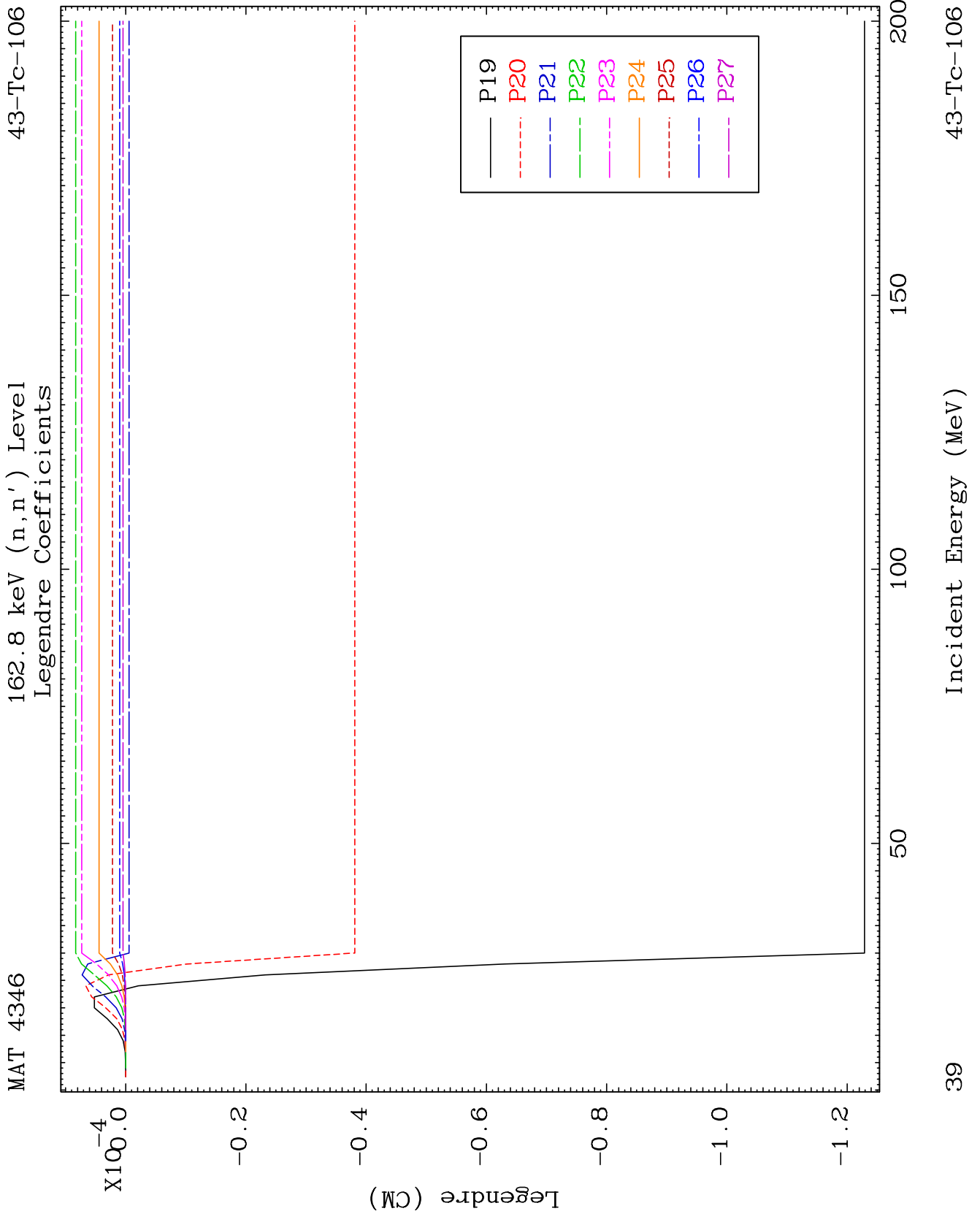
43-Tc-106



38

Incident Energy (MeV)

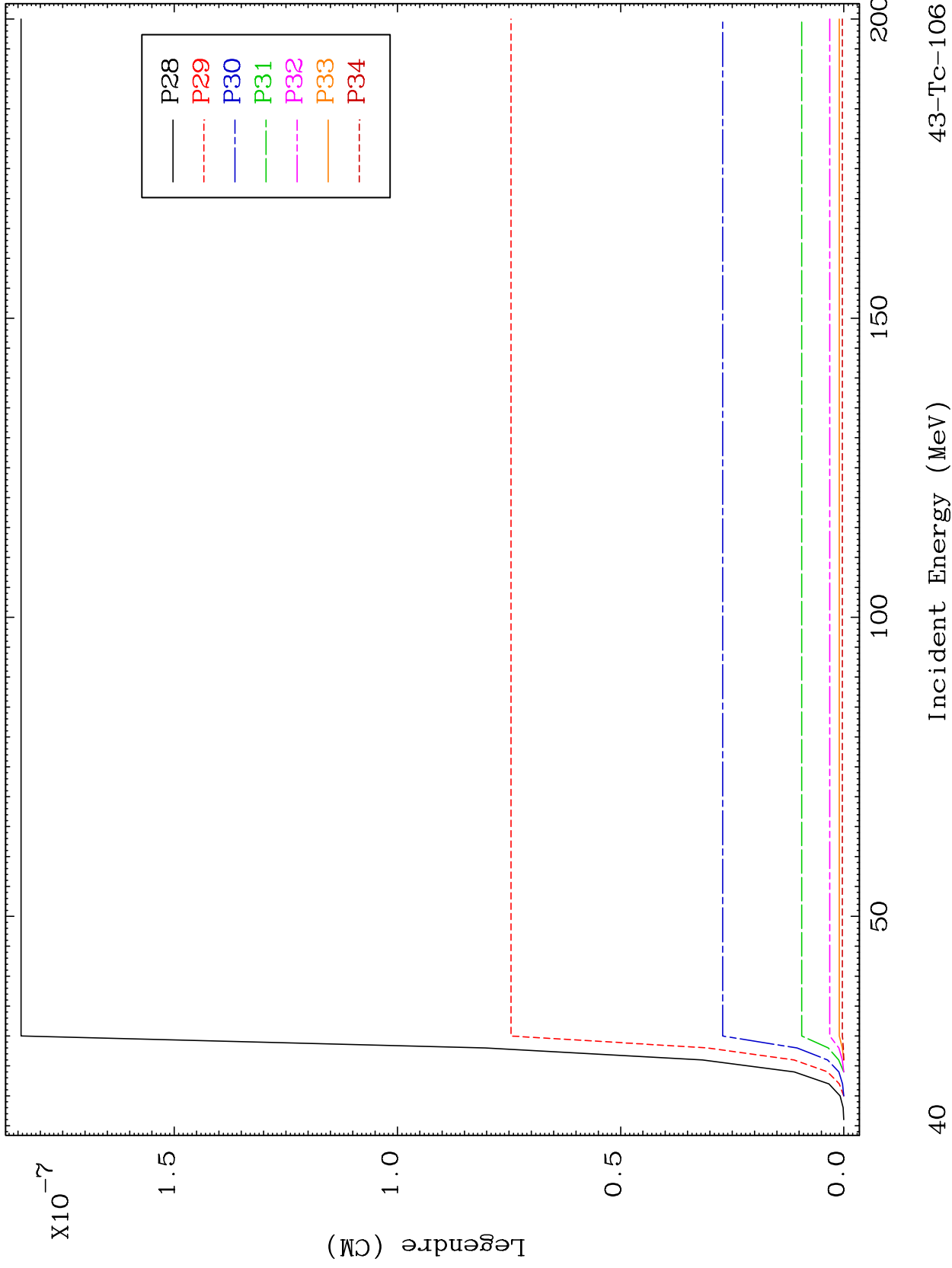
43-Tc-106

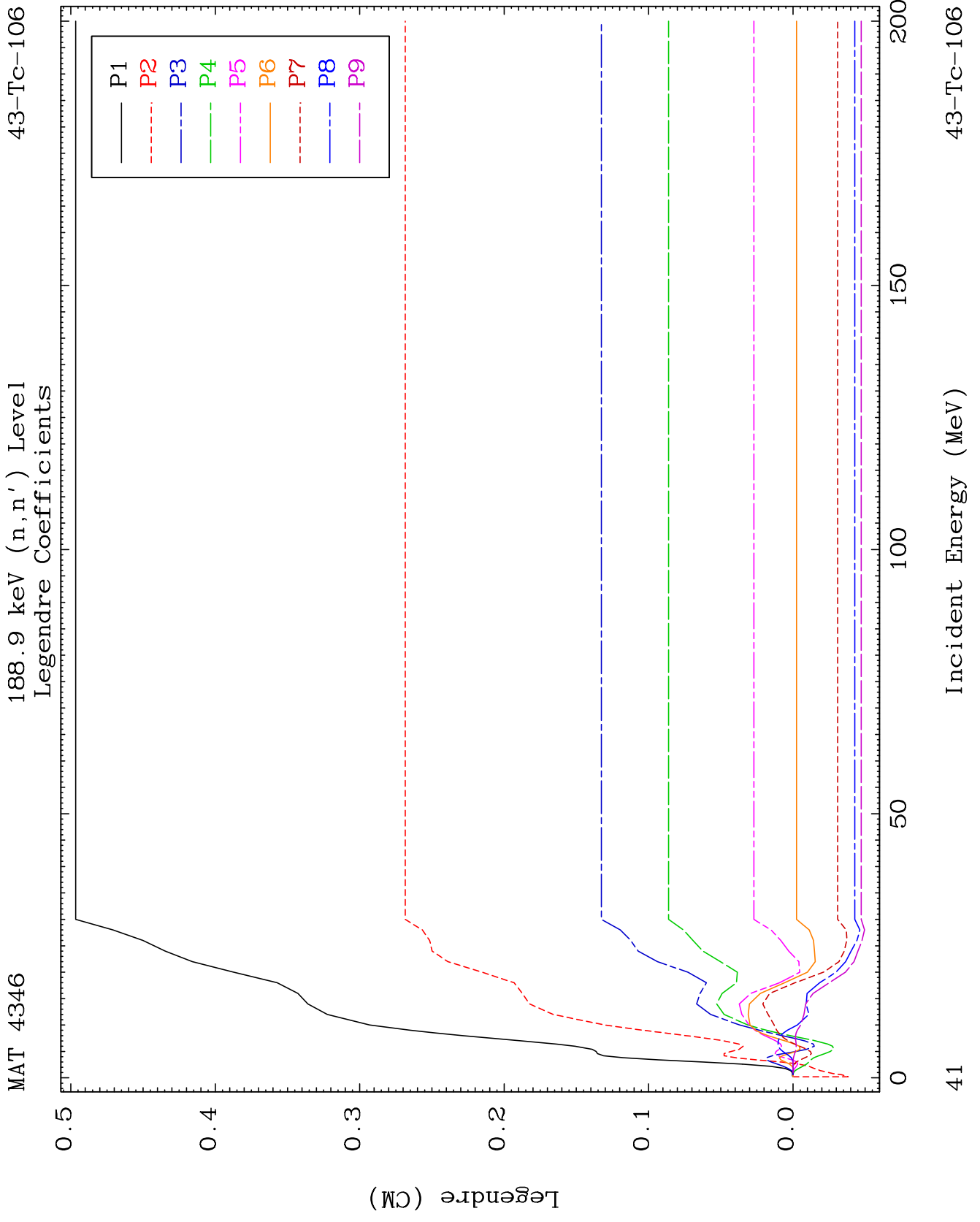


MAT 4346

162.8 keV (n,n') Level
Legendre Coefficients

43-Tc-106

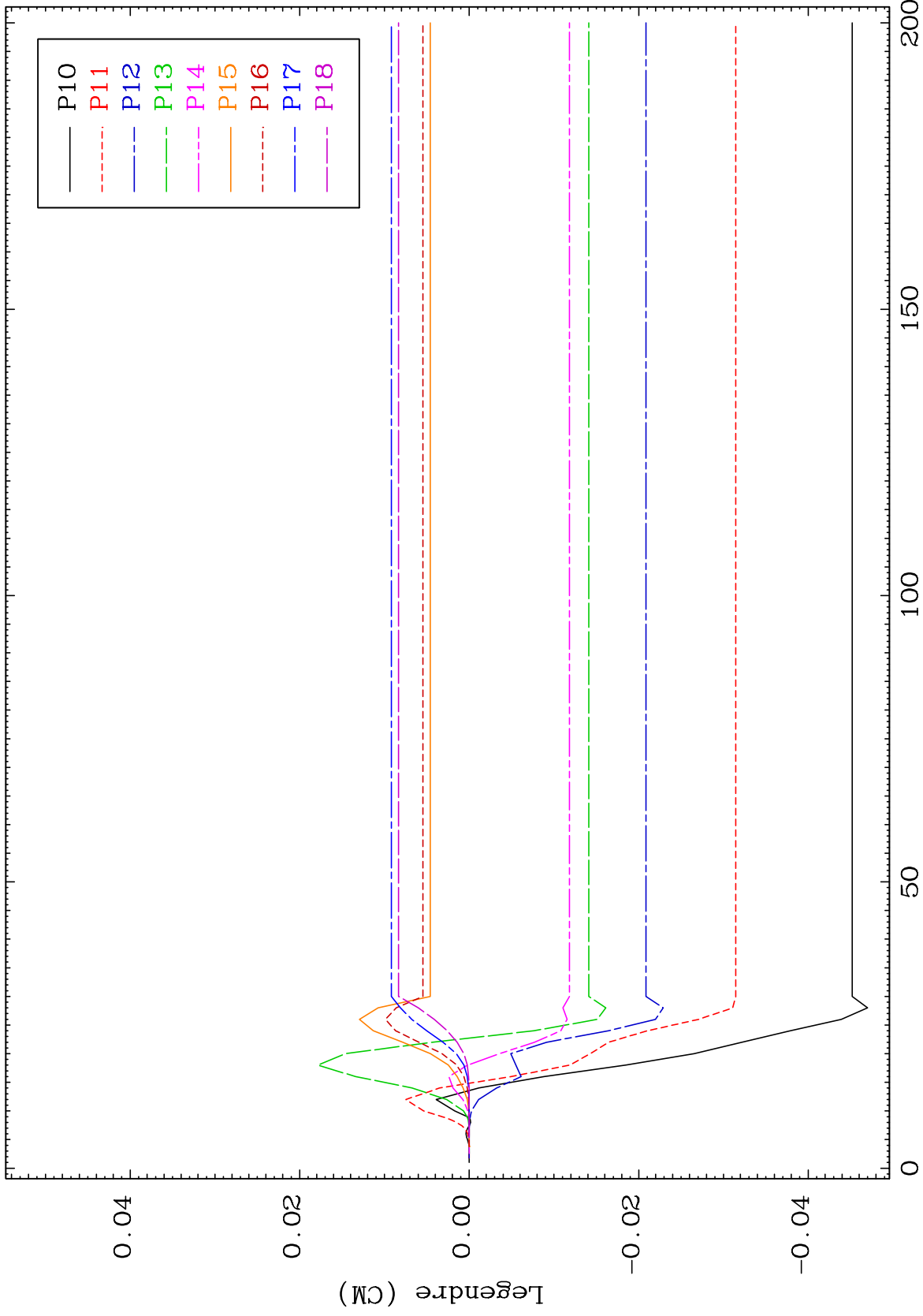




MAT 4346

188.9 keV (n,n') Level
Legendre Coefficients

43-Tc-106



42

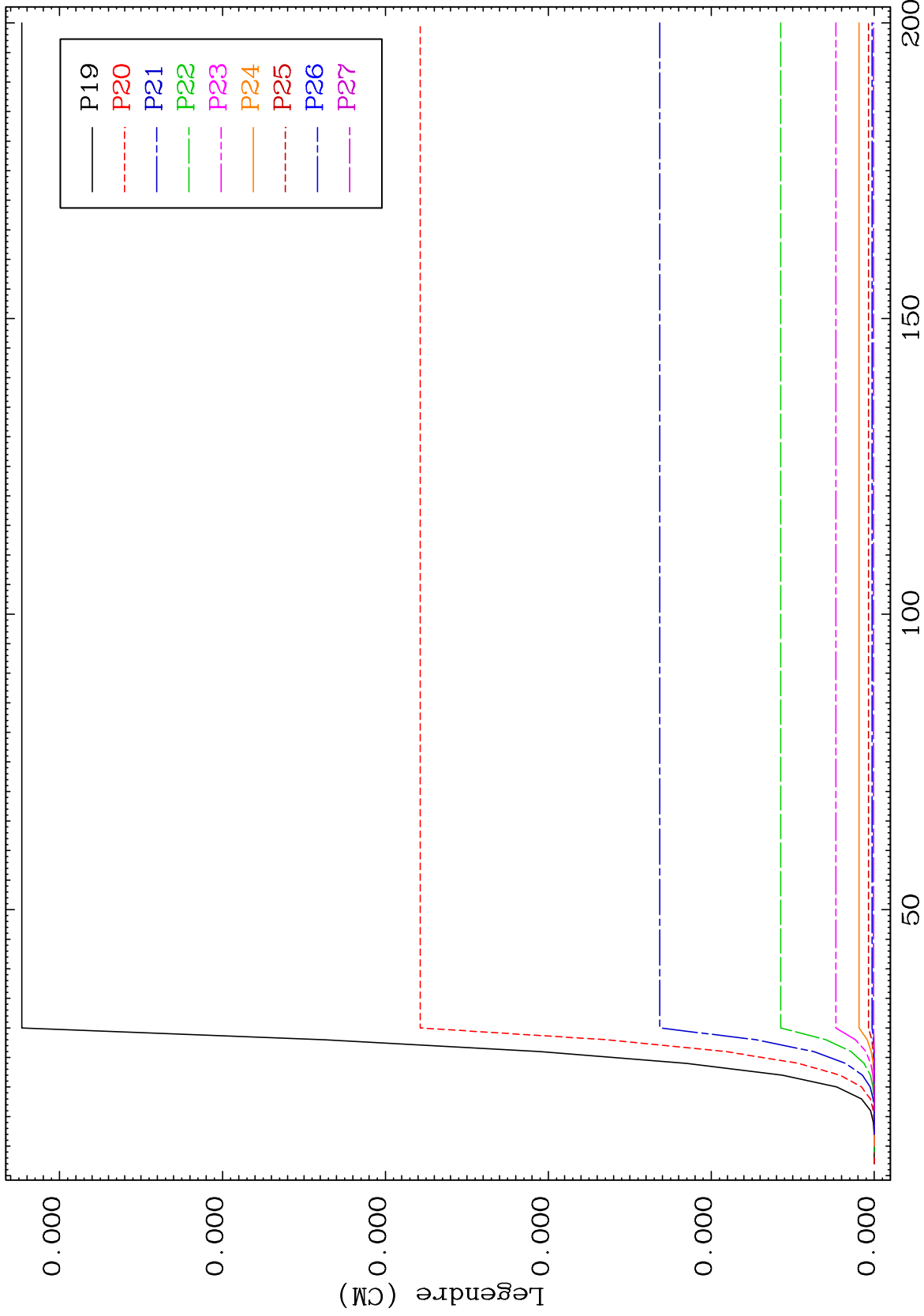
Incident Energy (MeV)

43-Tc-106

MAT 4346

188.9 keV (n,n') Level
Legendre Coefficients

43-Tc-106



43

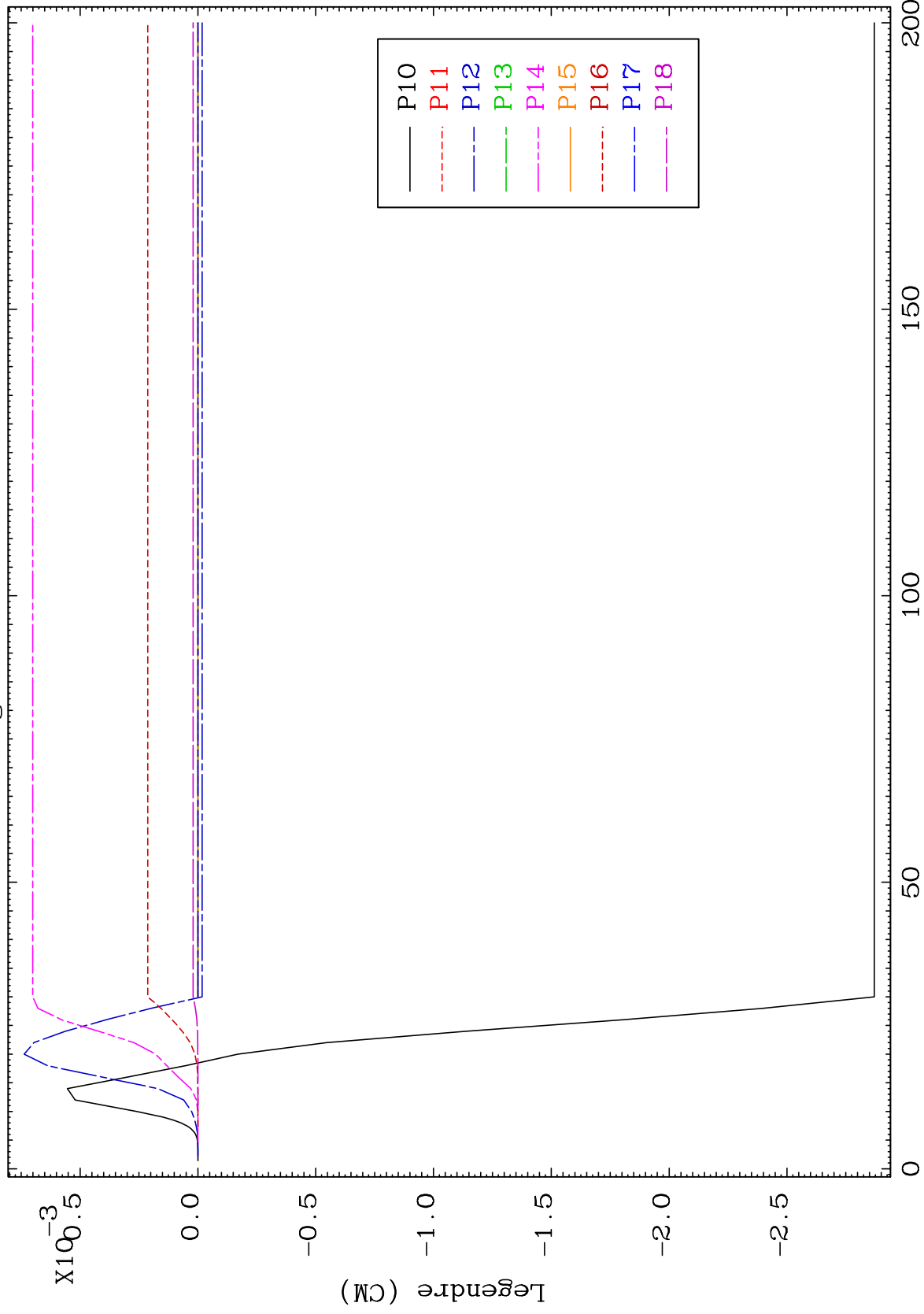
Incident Energy (MeV)

43-Tc-106

MAT 4346

196.8 keV (n, n') Level
Legendre Coefficients

43-Tc-106



46

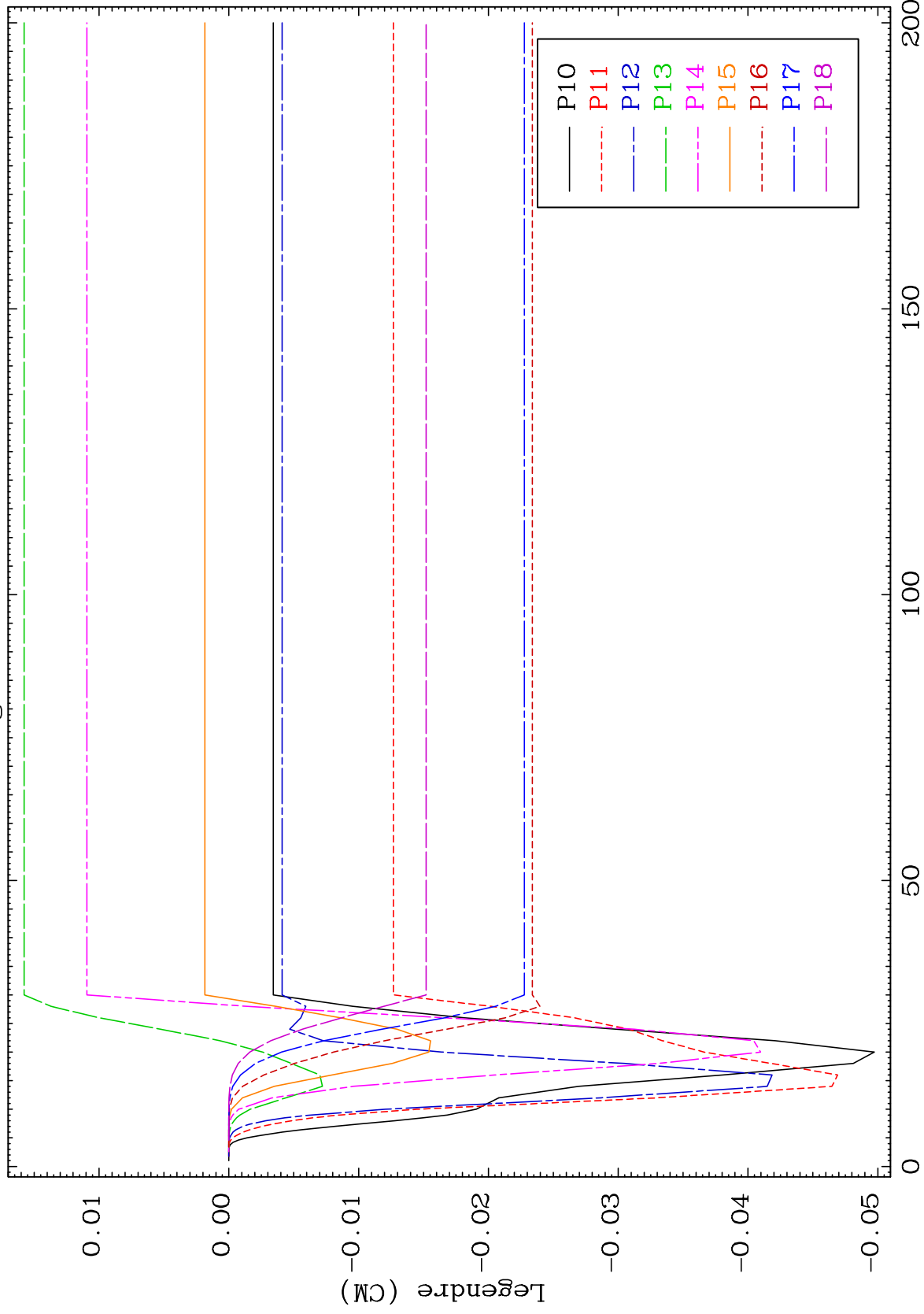
Incident Energy (MeV)

43-Tc-106

MAT 4346

242.8 keV (n,n') Level
Legendre Coefficients

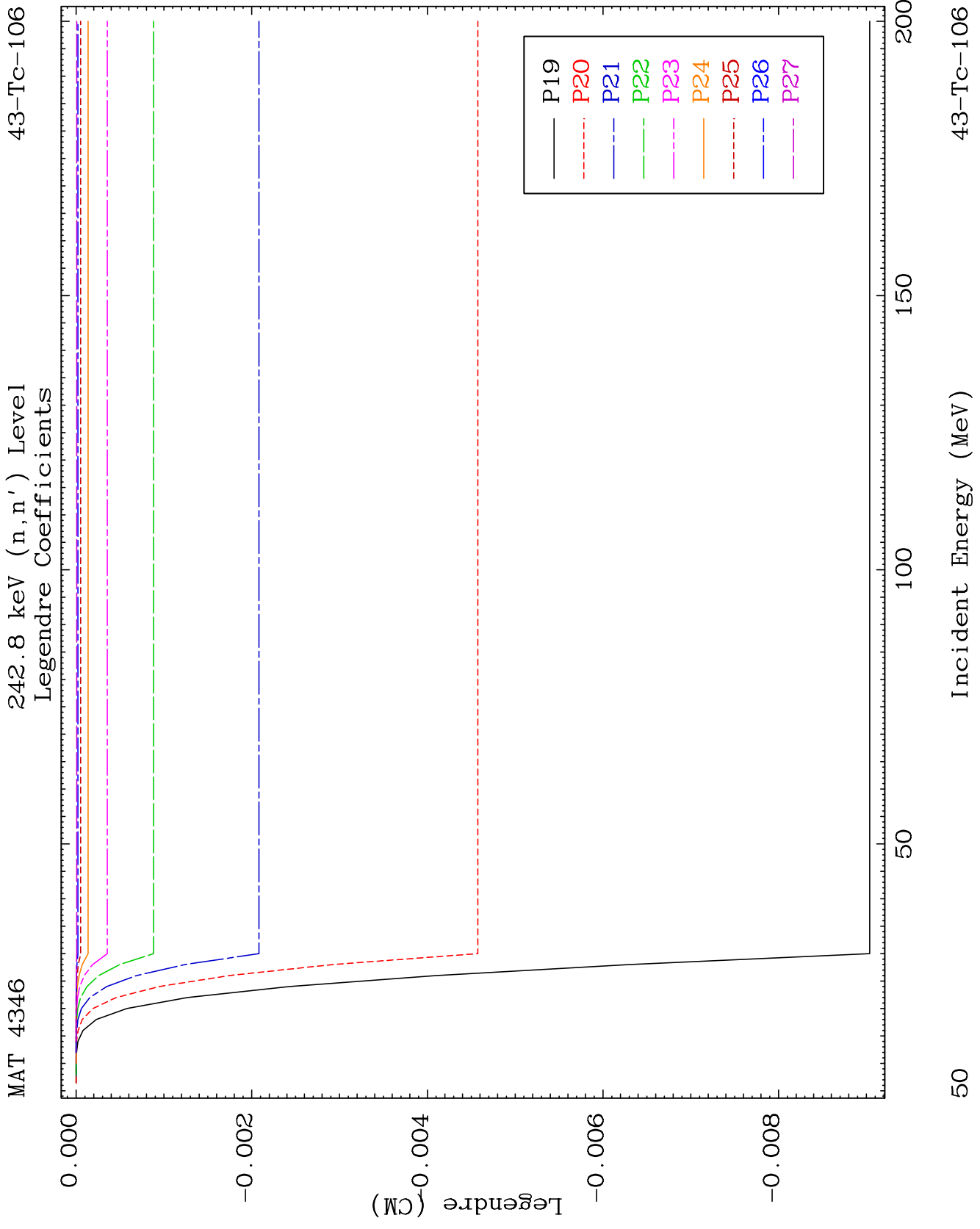
43-Tc-106

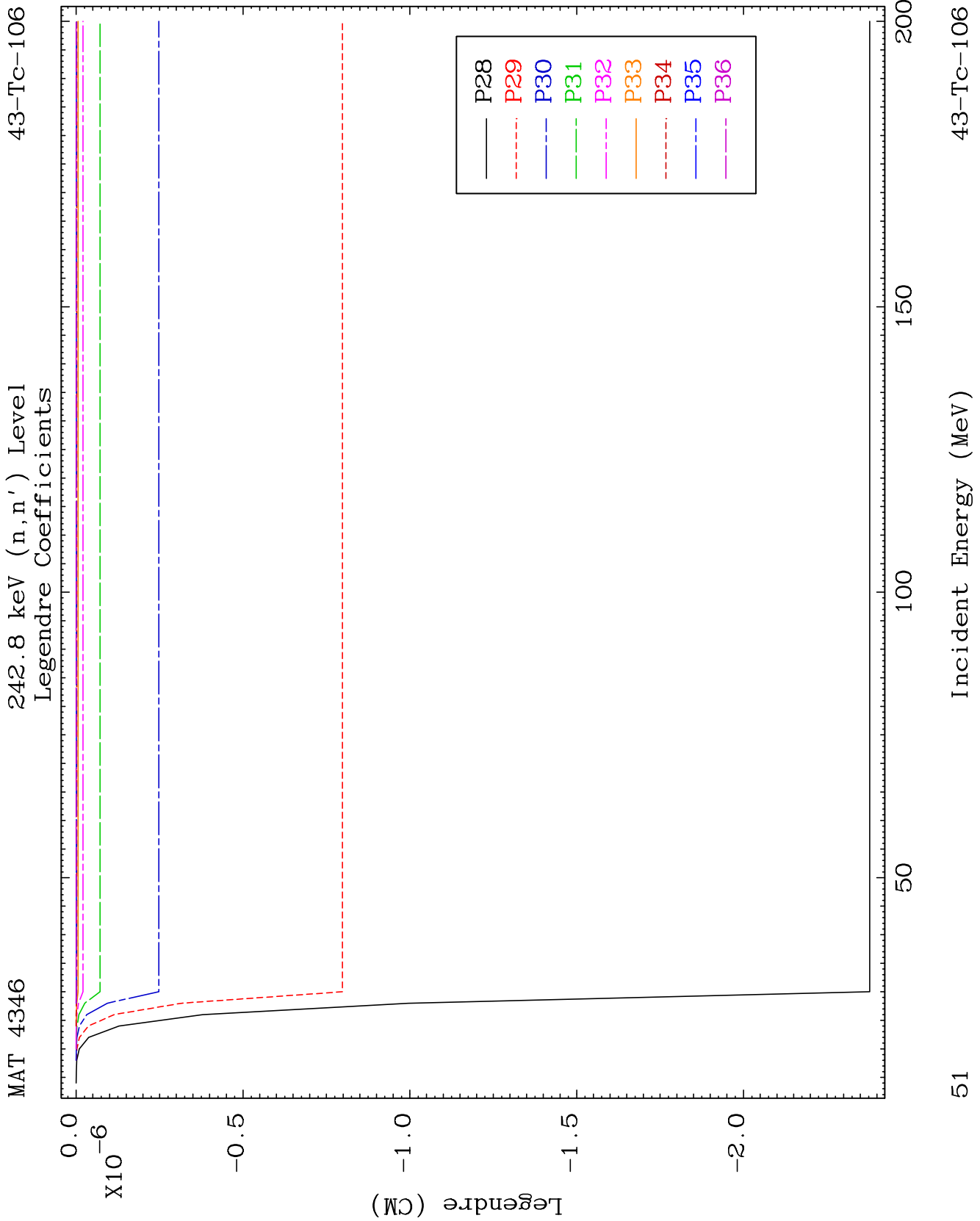


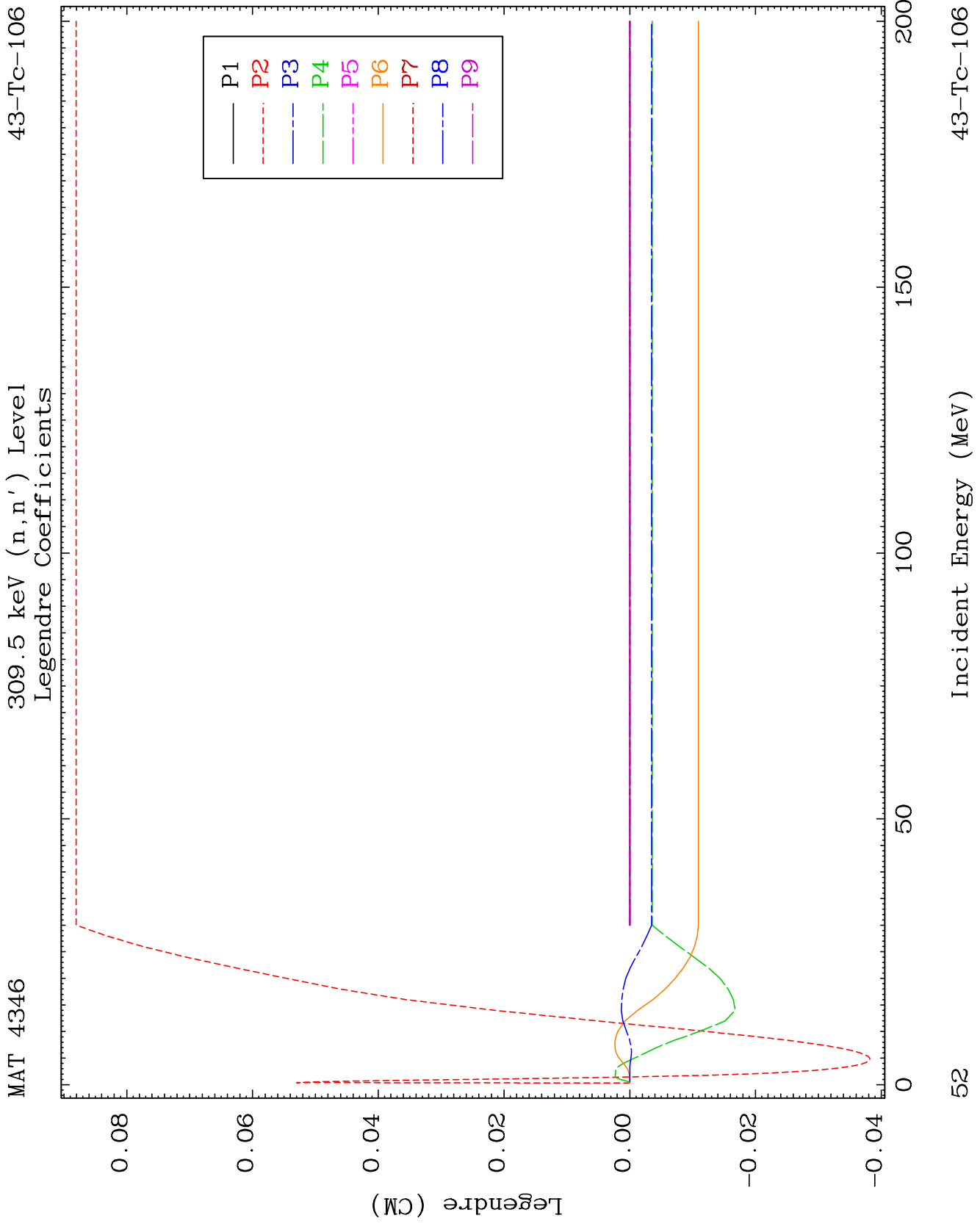
49

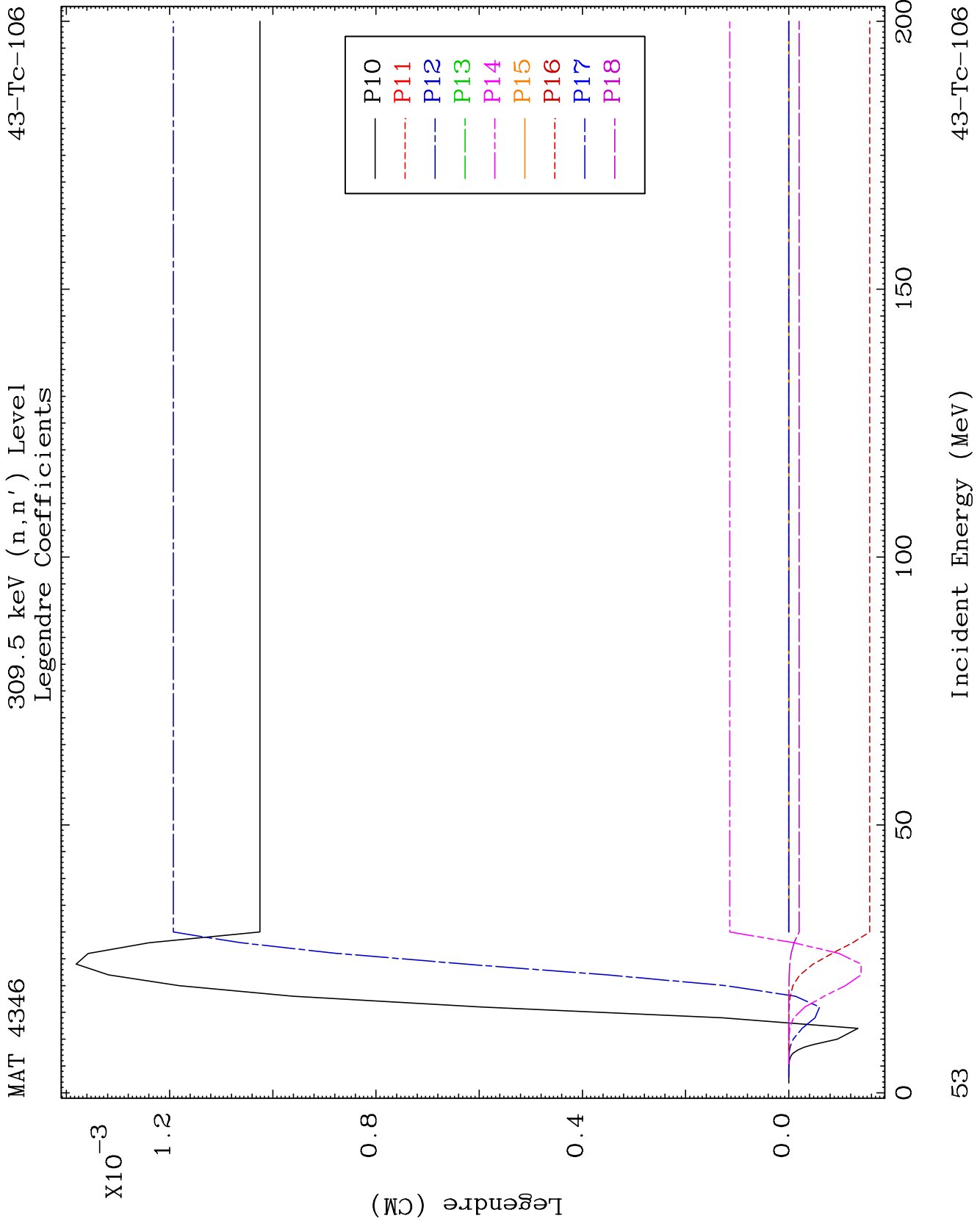
Incident Energy (MeV)

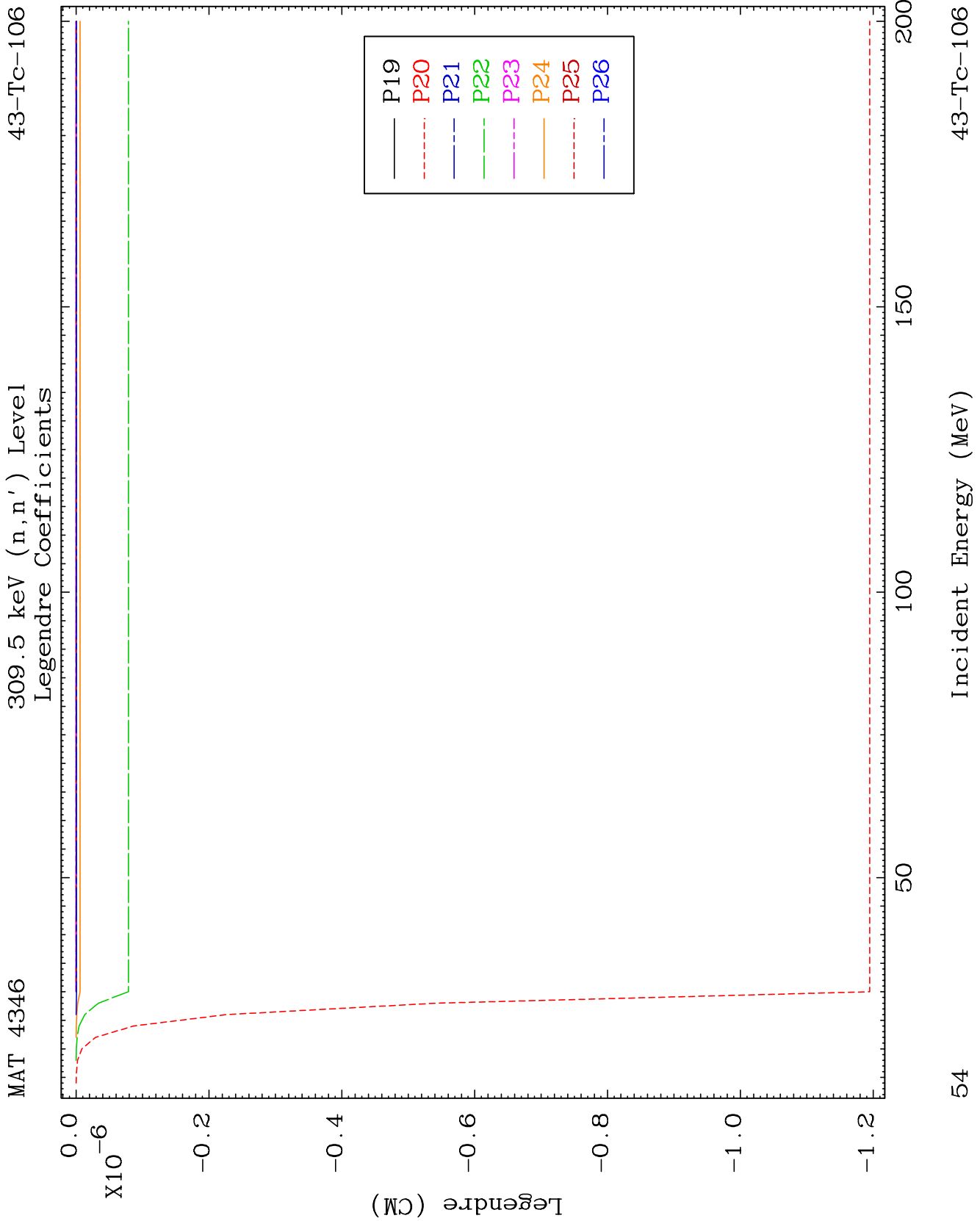
43-Tc-106

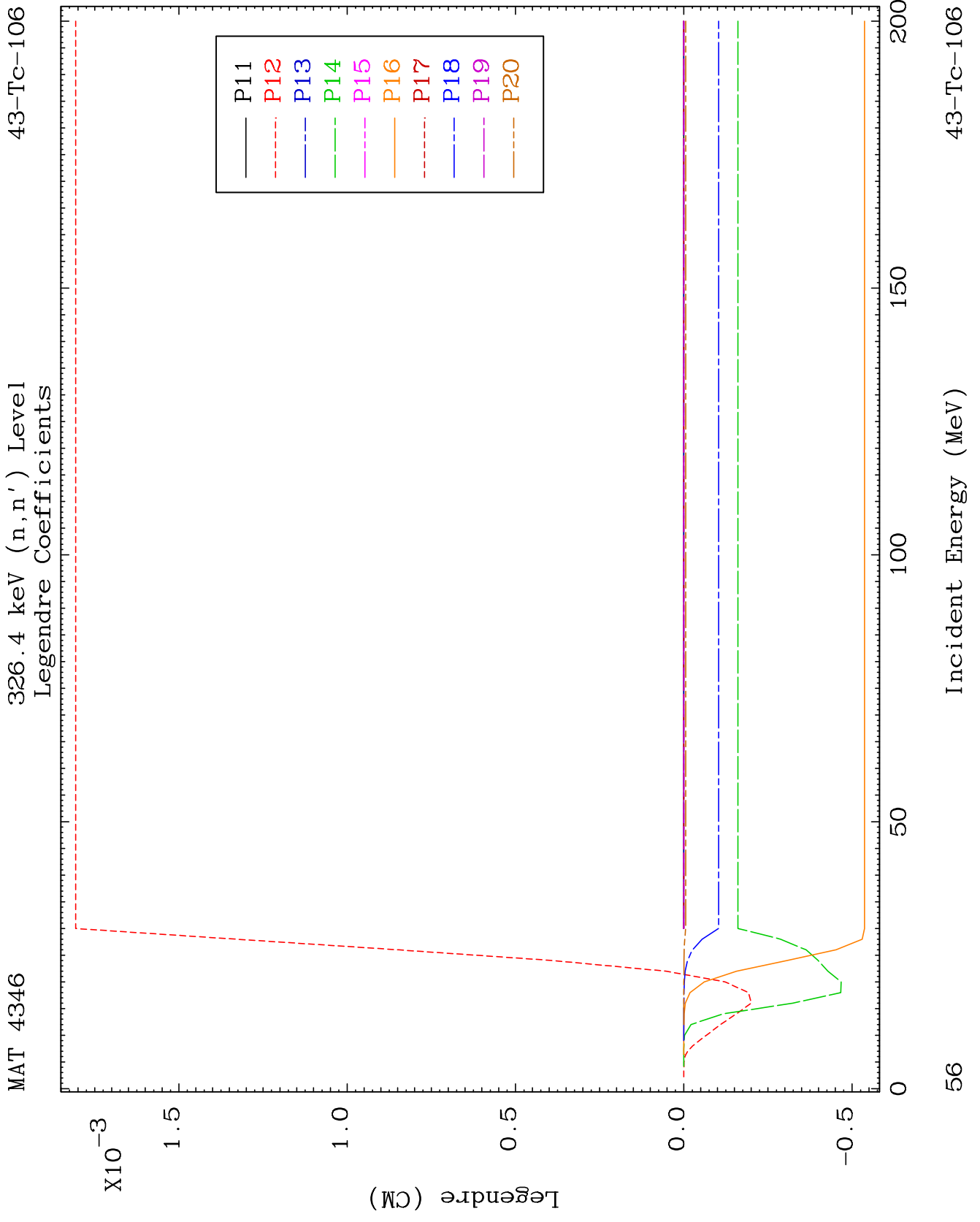


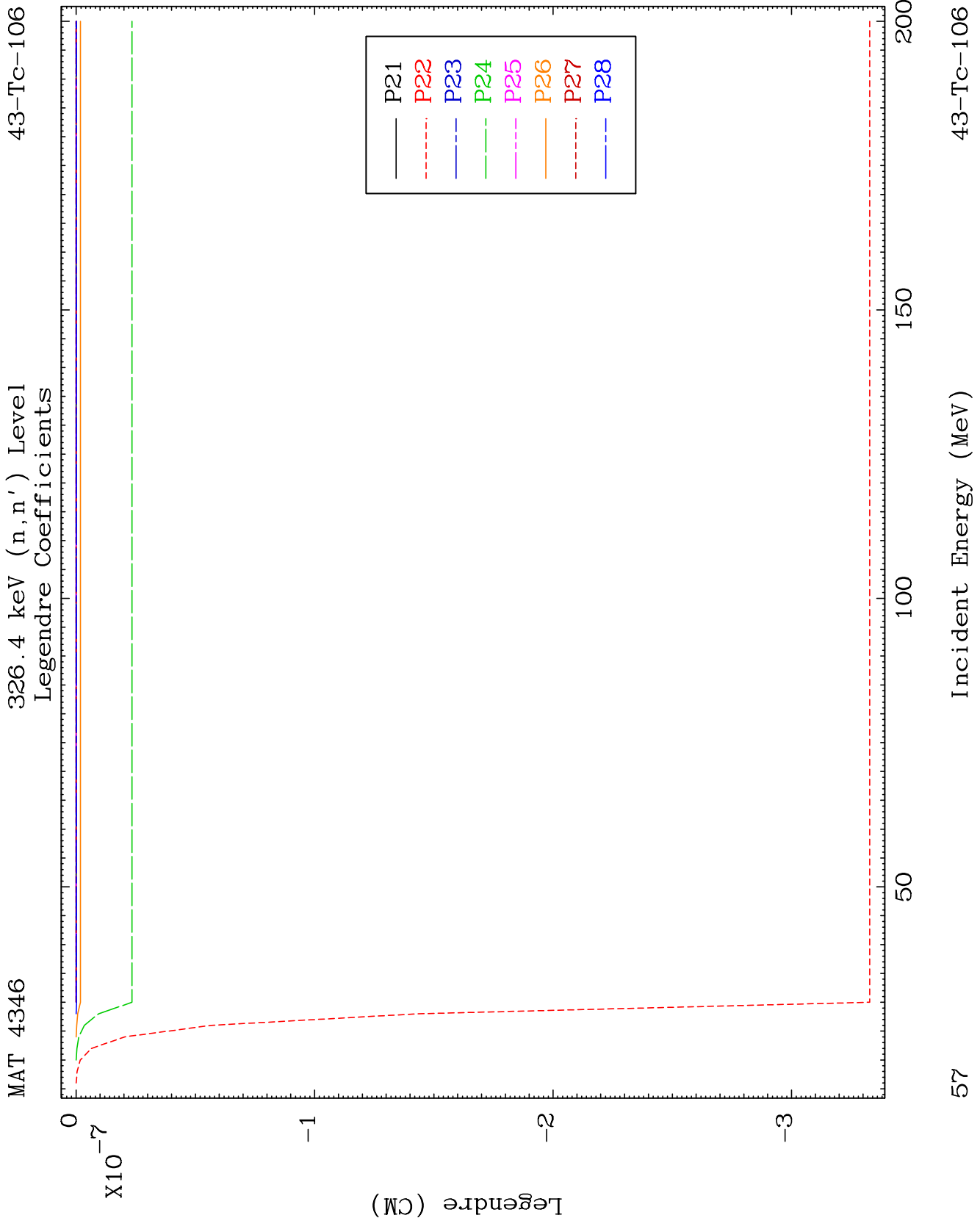


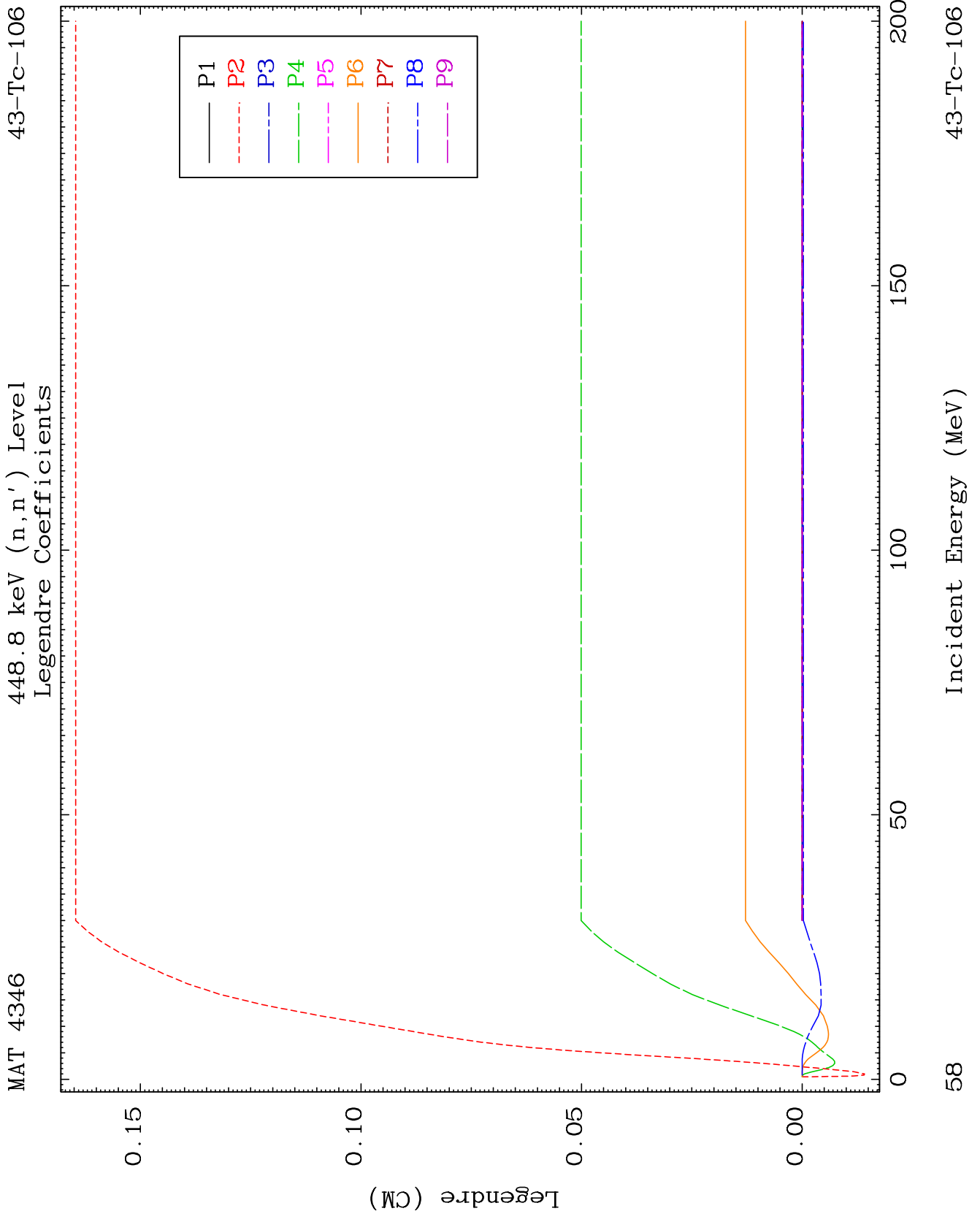


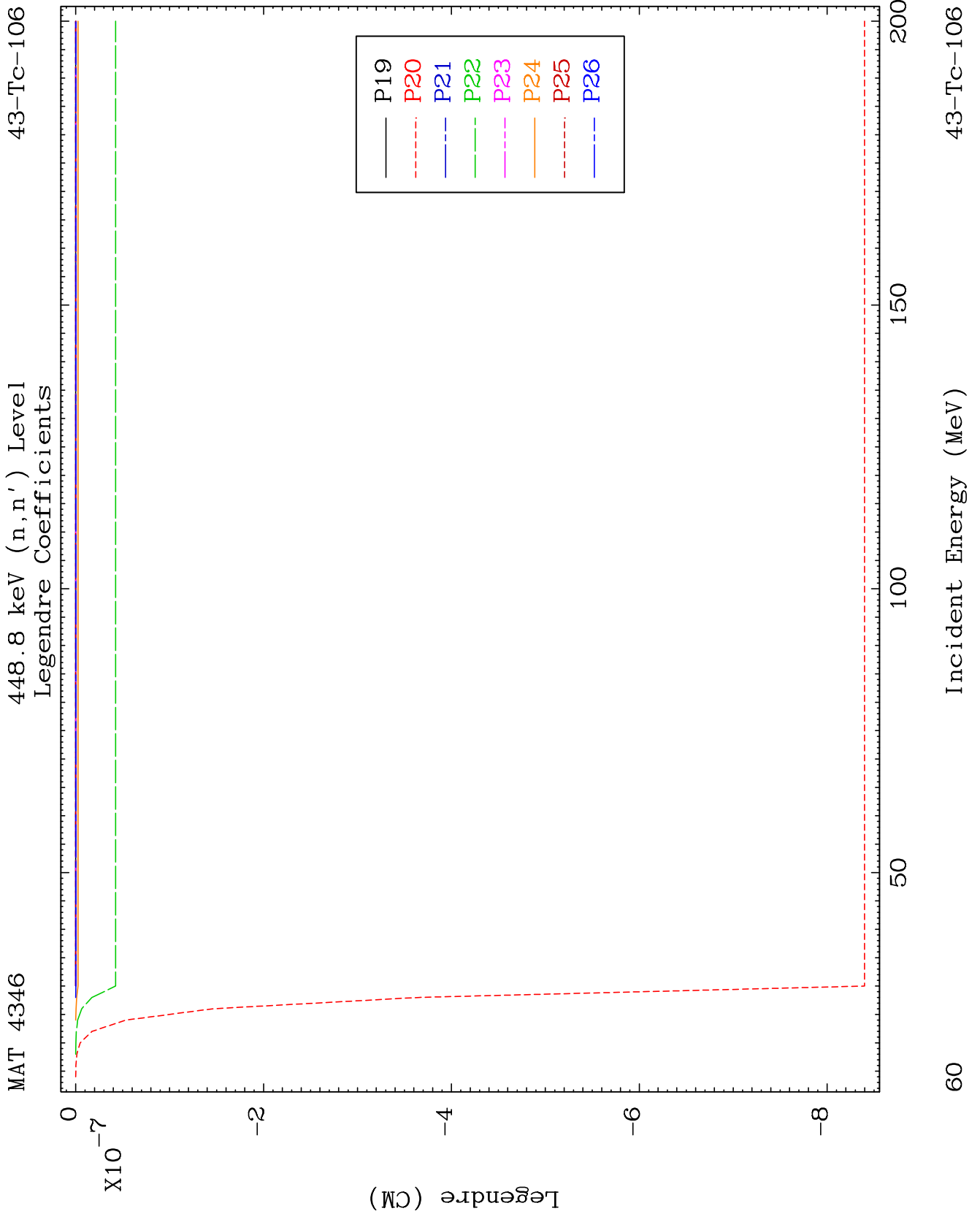


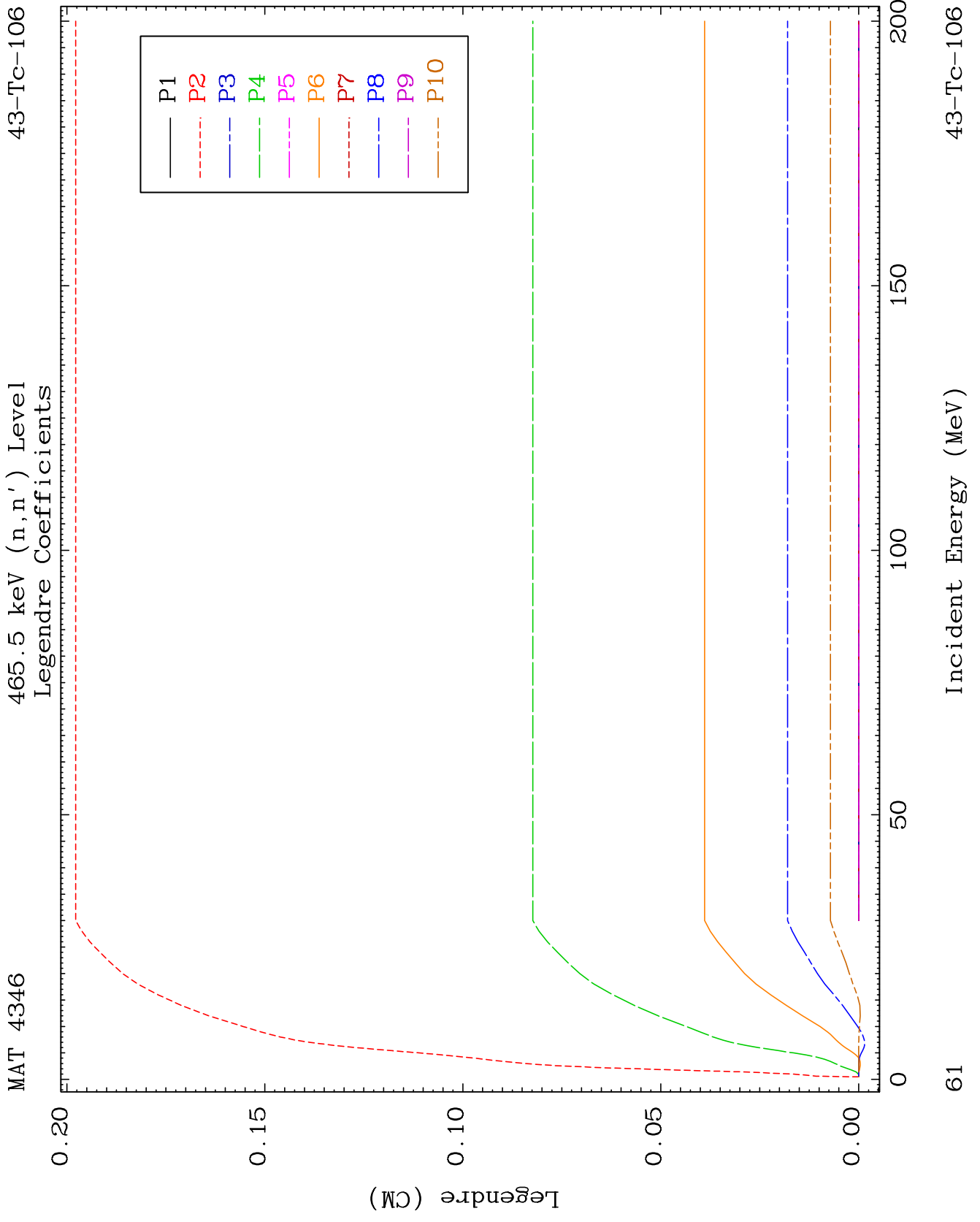


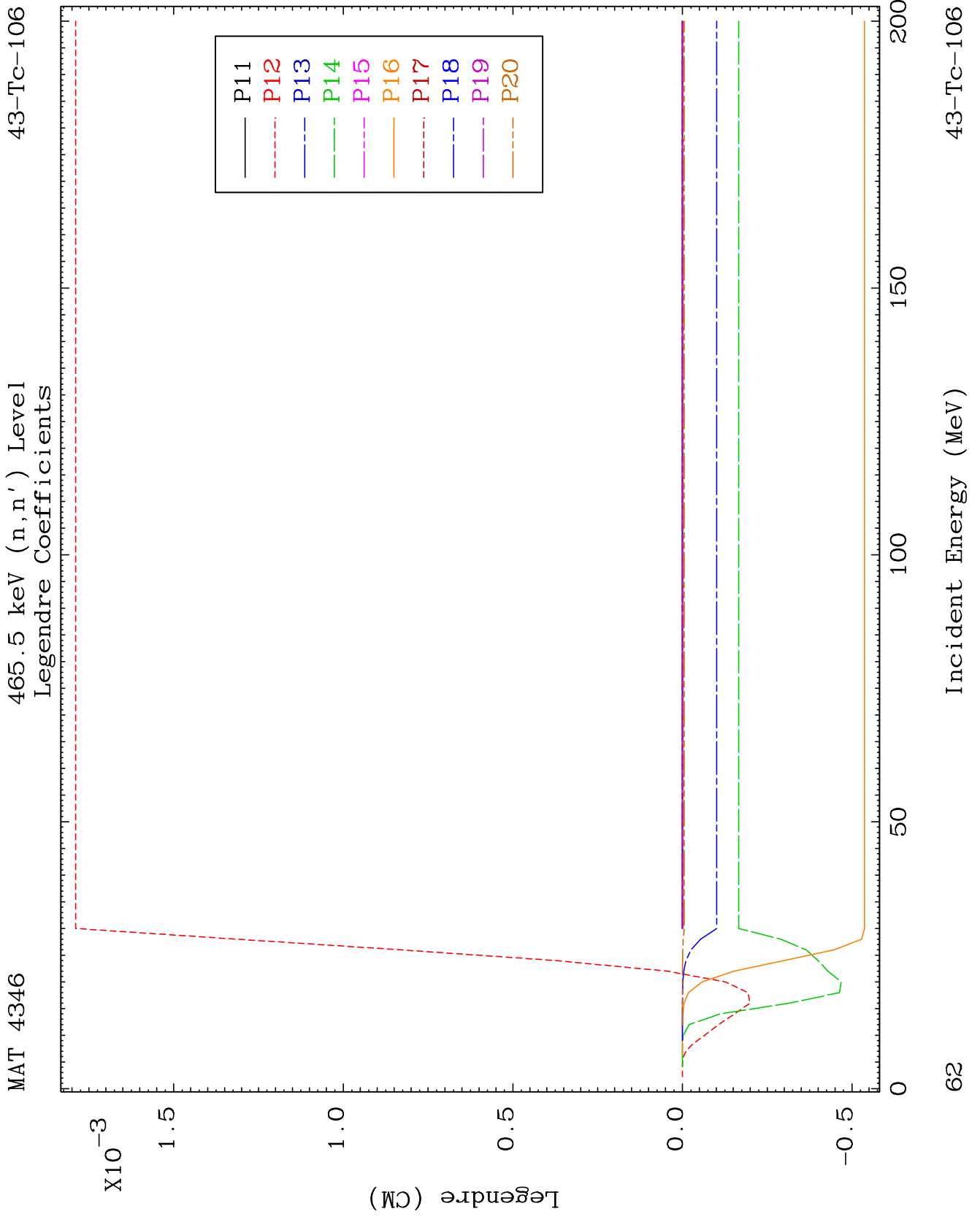


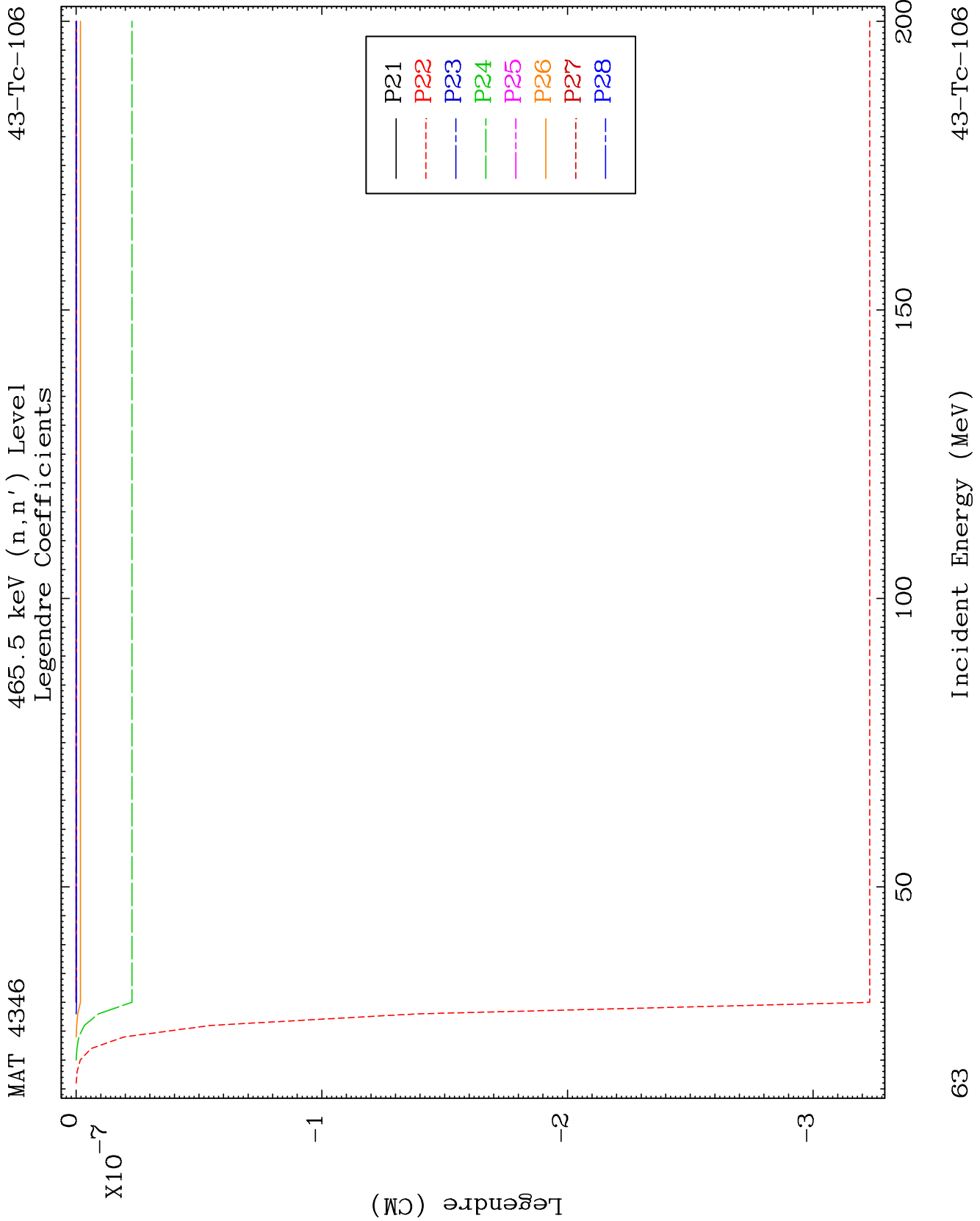








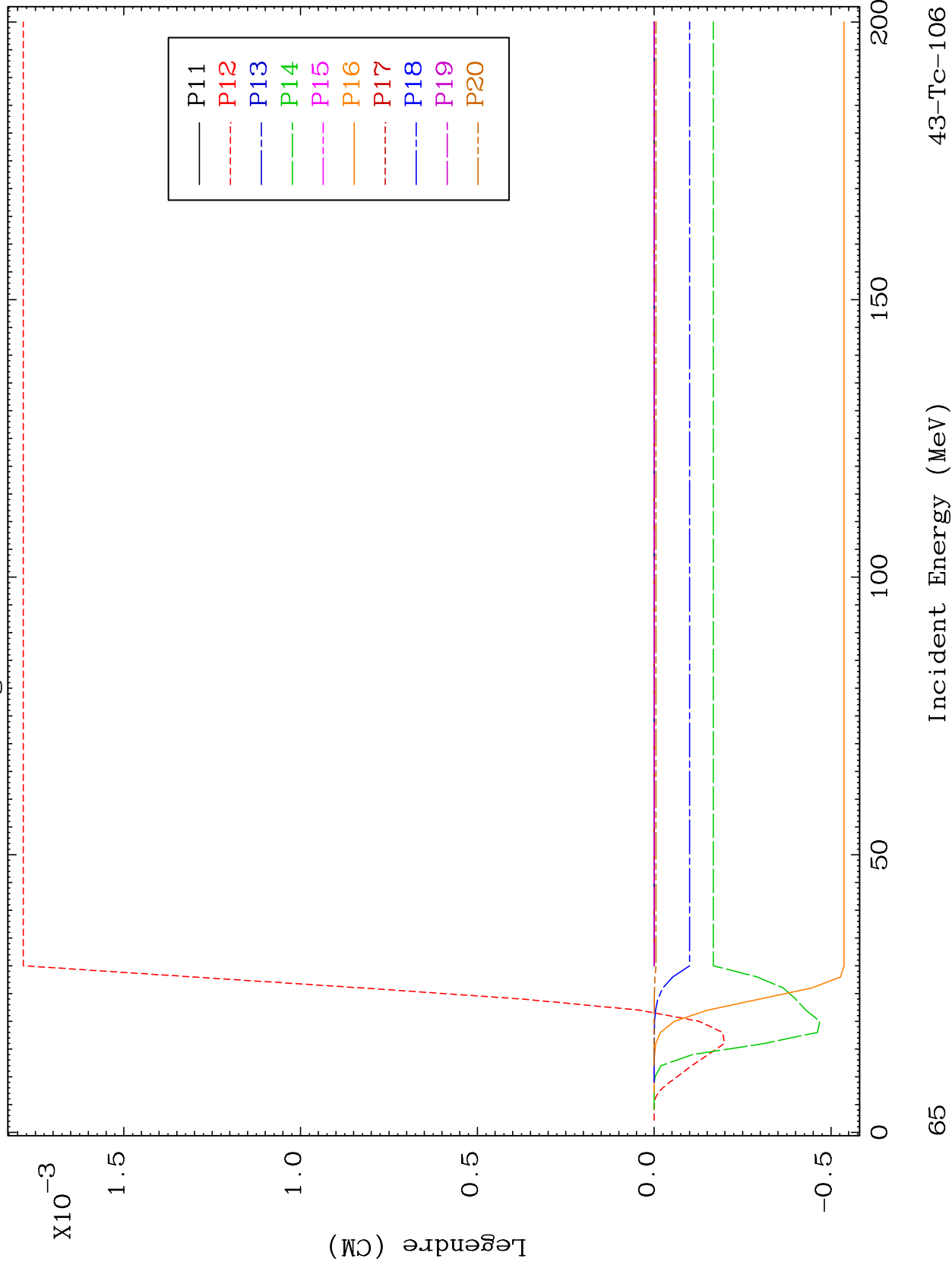




MAT 4346

504.1 keV (n, n') Level
Legendre Coefficients

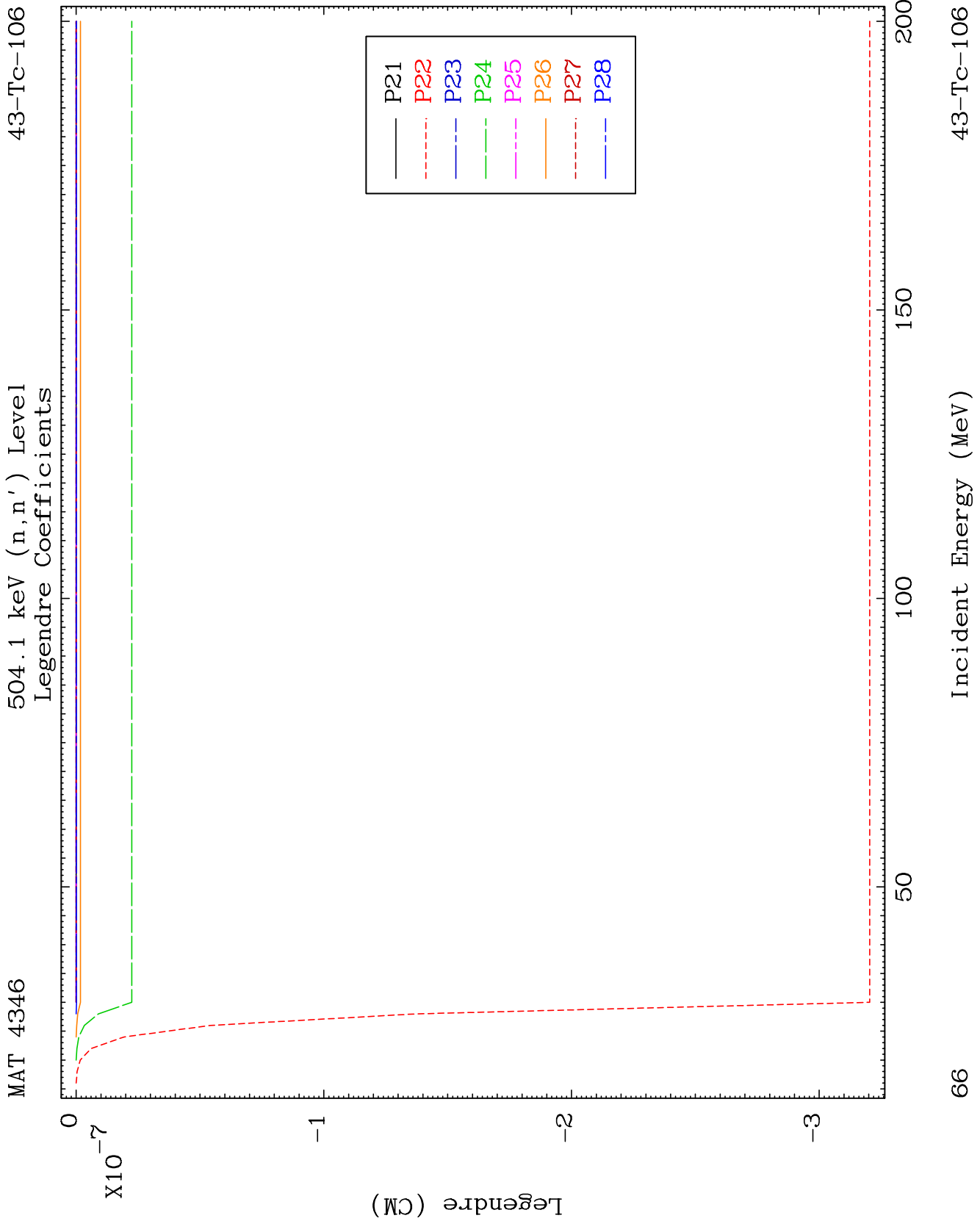
43-Tc-106

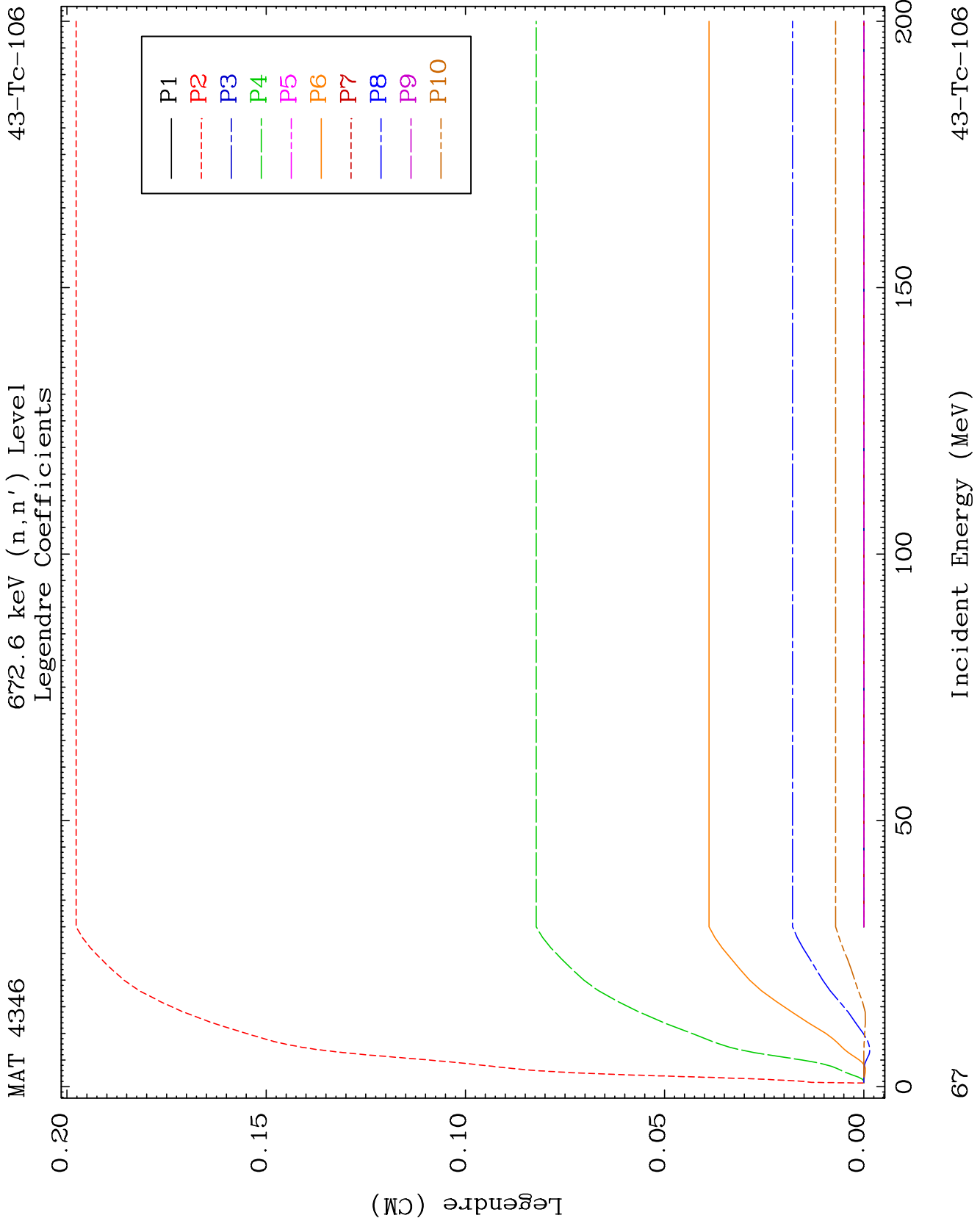


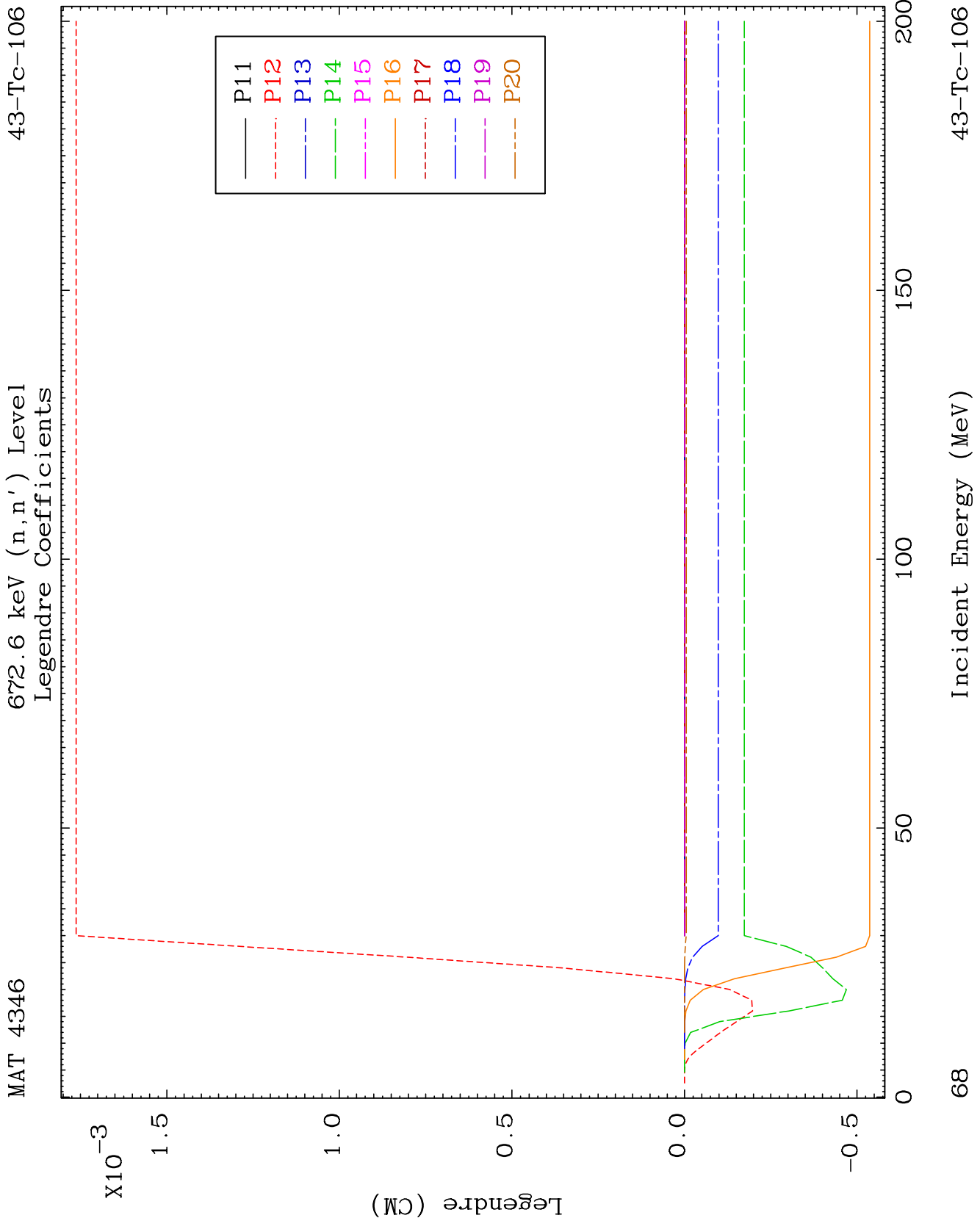
65

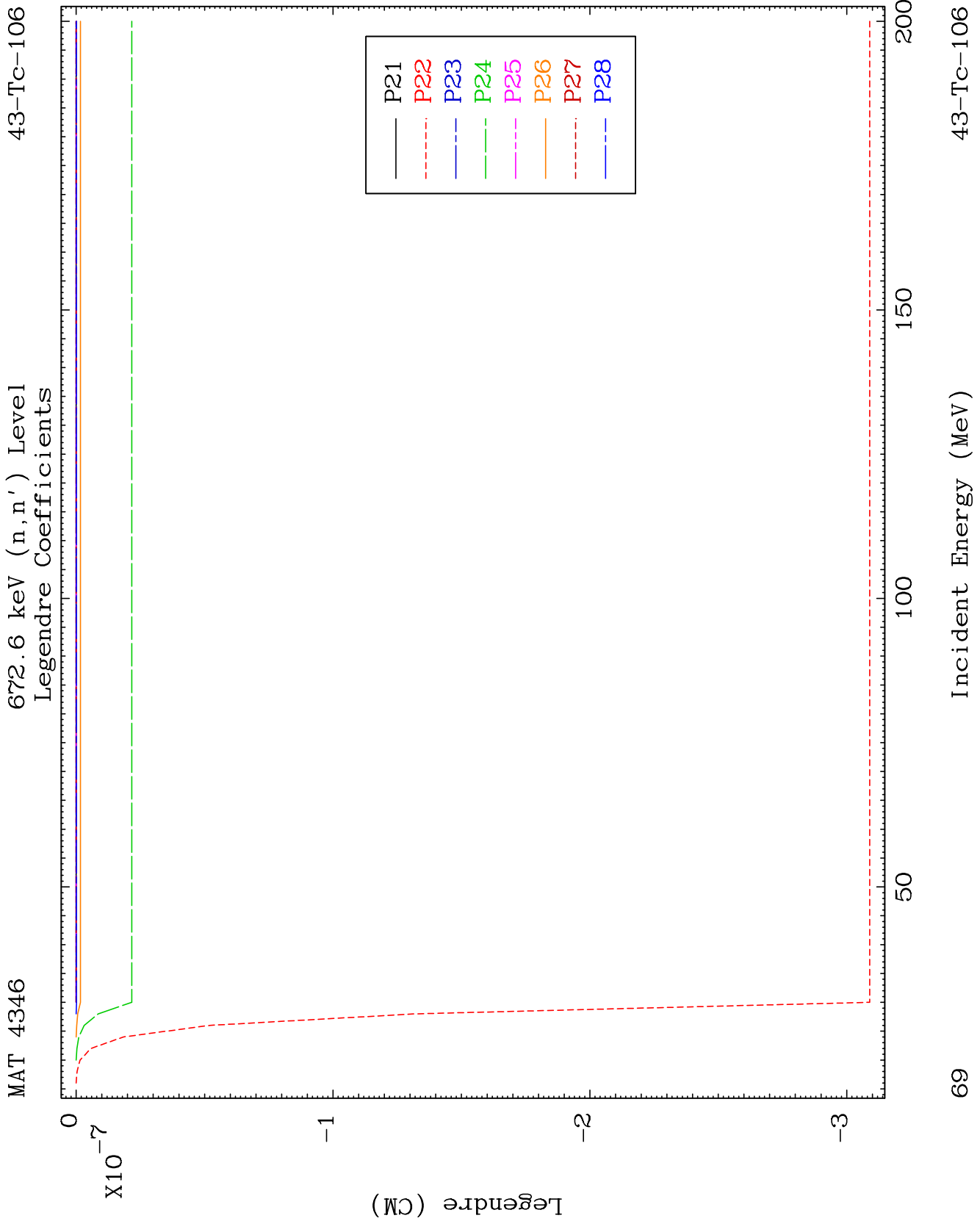
Incident Energy (MeV)

43-Tc-106





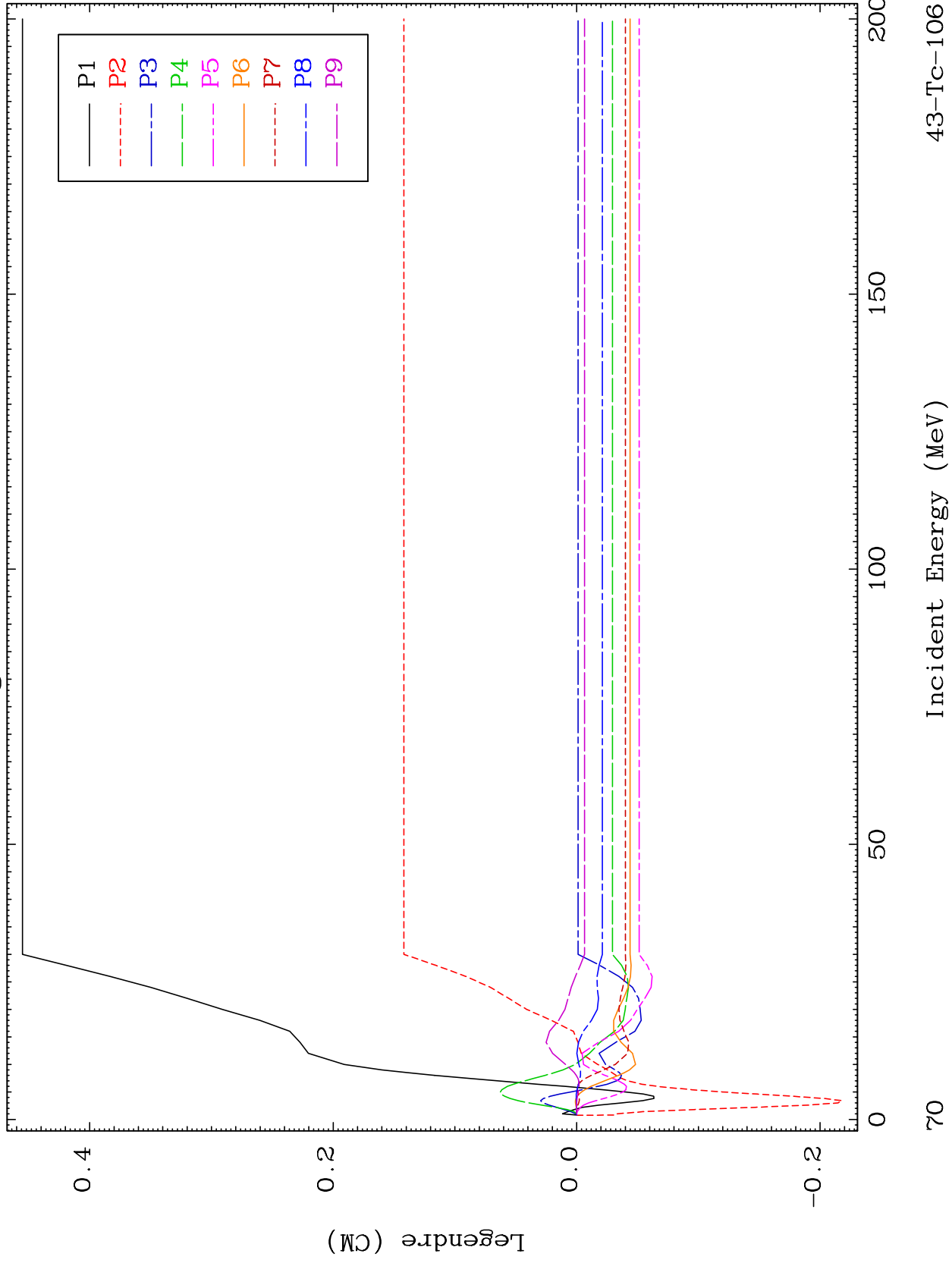




MAT 4346

736.7 keV (n,n') Level
Legendre Coefficients

43-Tc-106



43-Tc-106

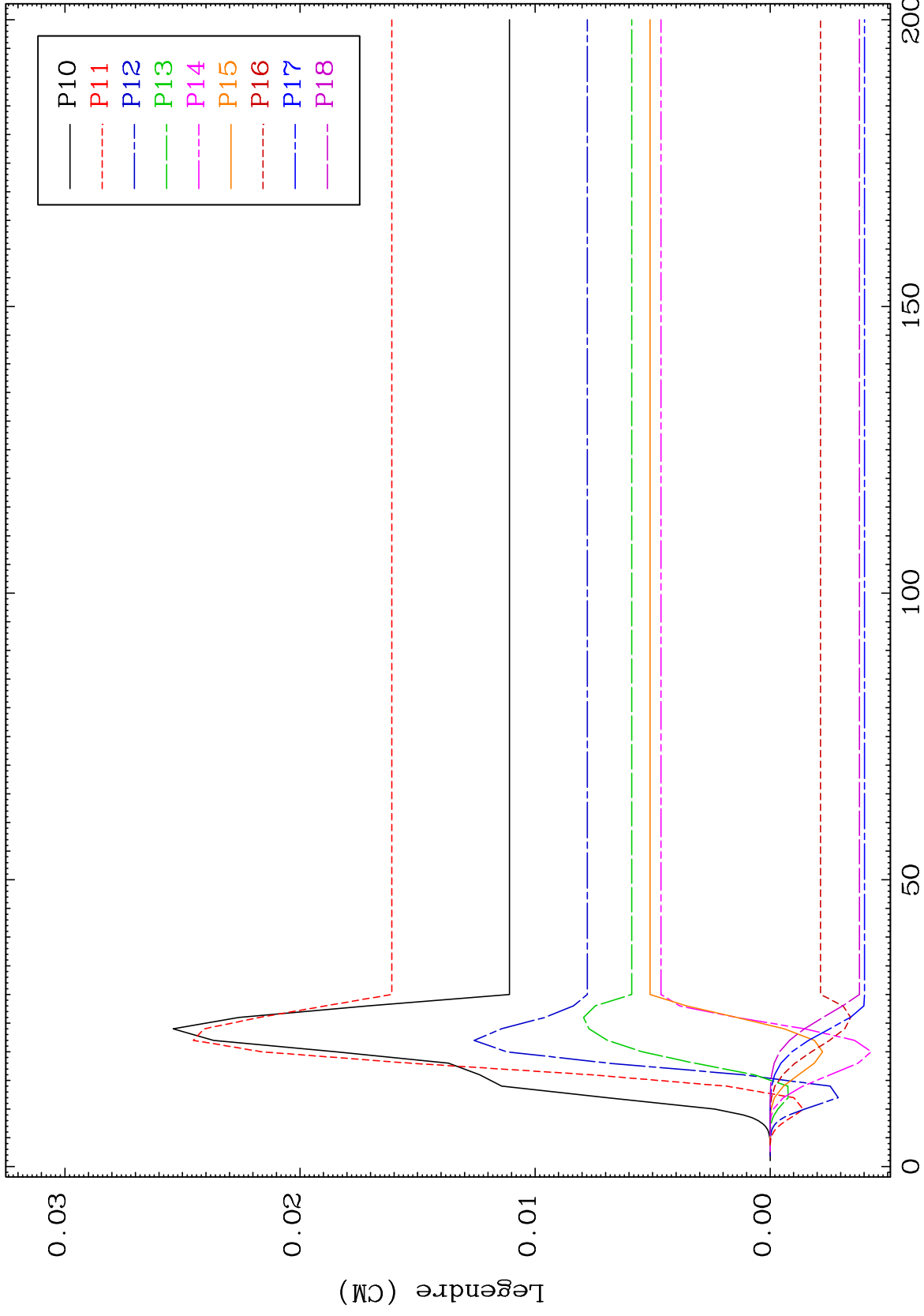
Incident Energy (MeV)

70

MAT 4346

736.7 keV (n,n') Level
Legendre Coefficients

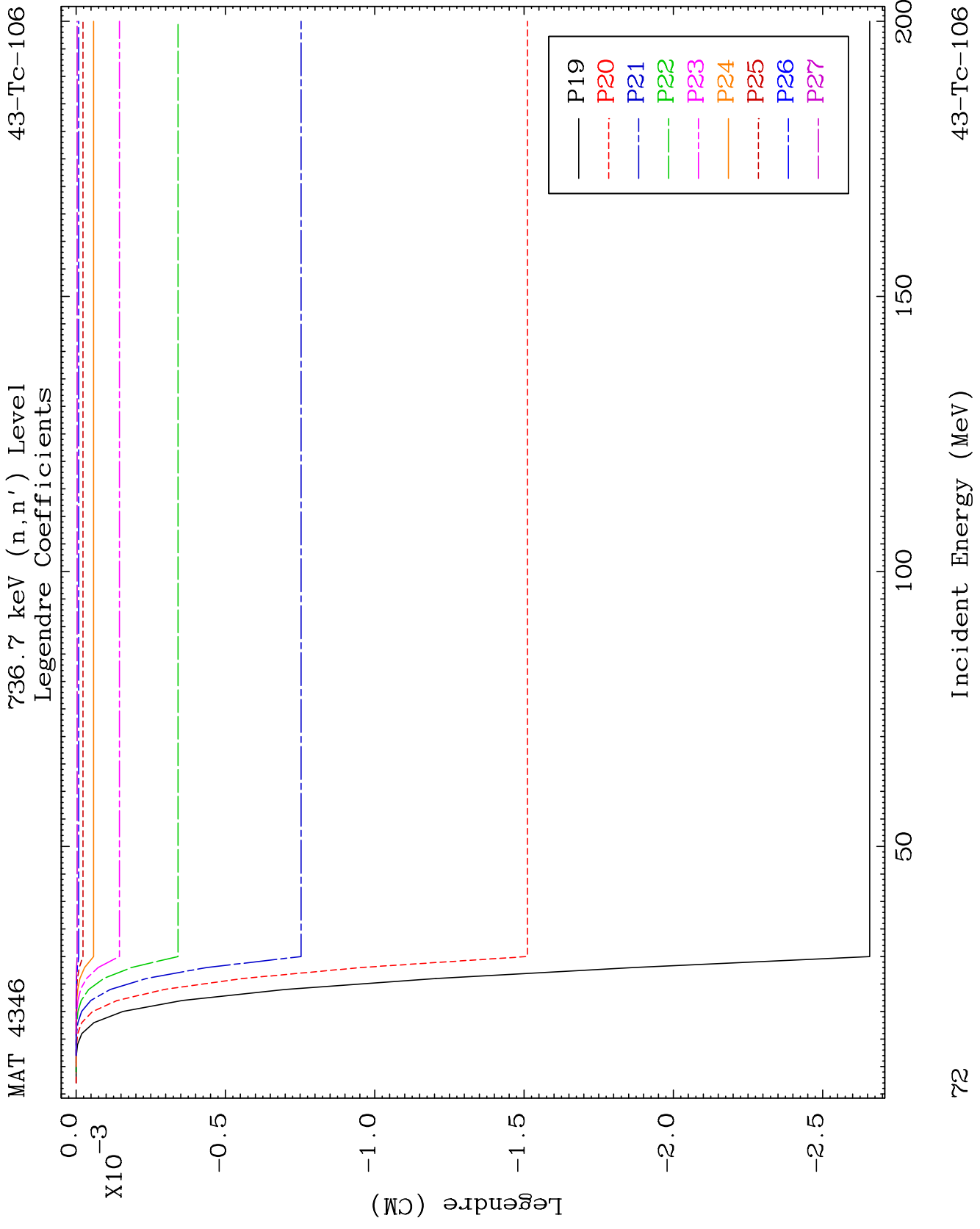
43-Tc-106

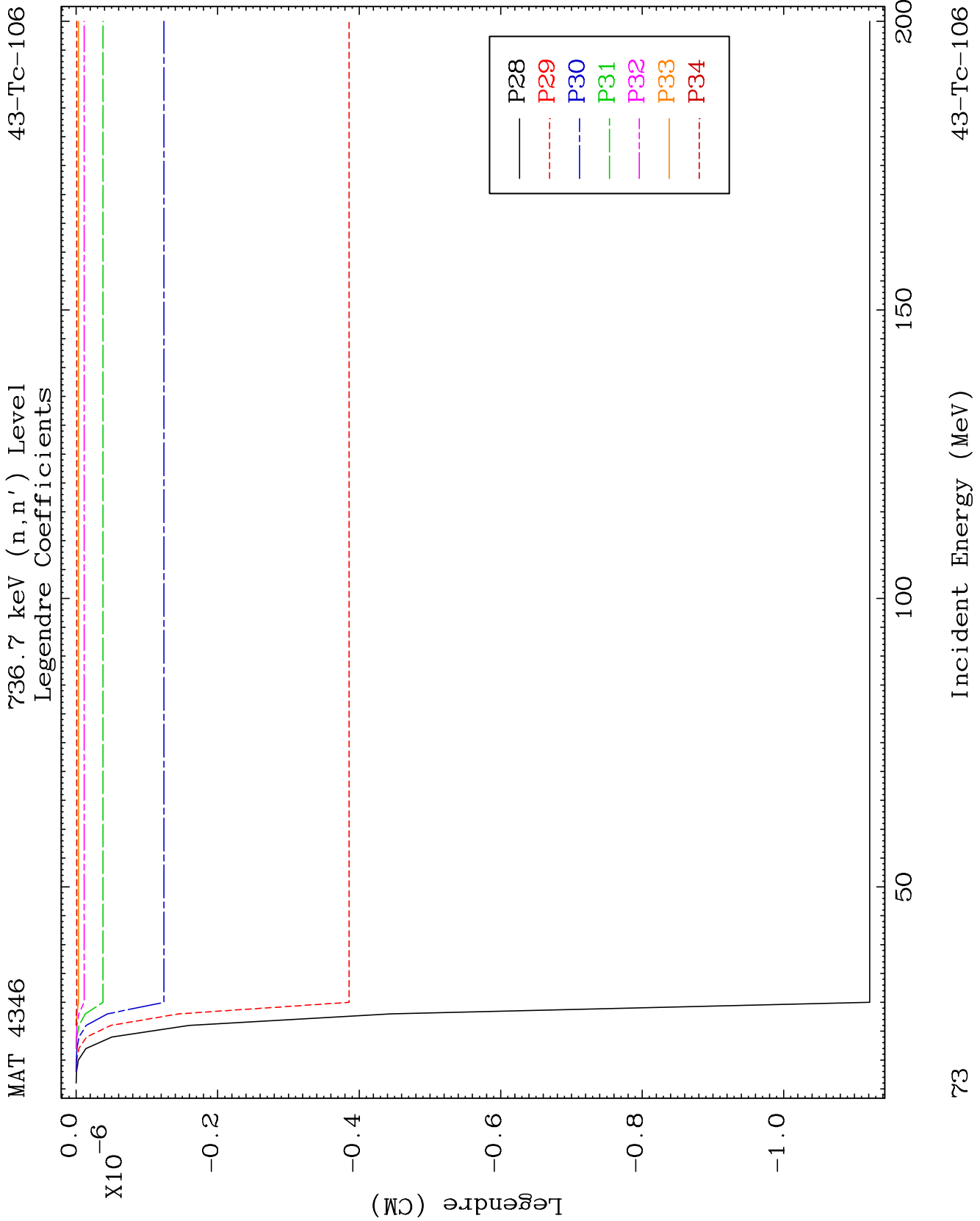


71

Incident Energy (MeV)

43-Tc-106

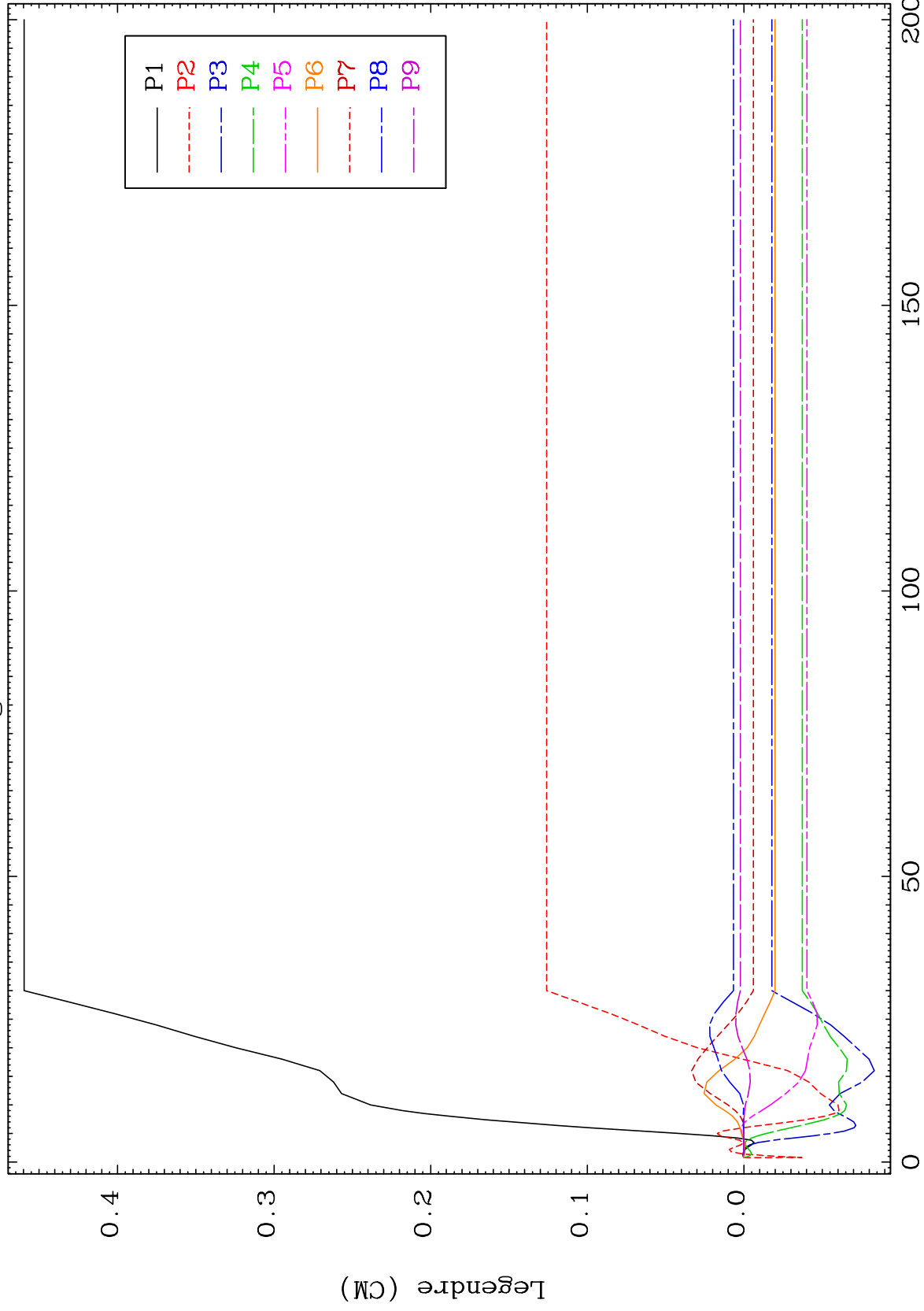




MAT 4346

747.1 keV (n,n') Level
Legendre Coefficients

43-Tc-106



74

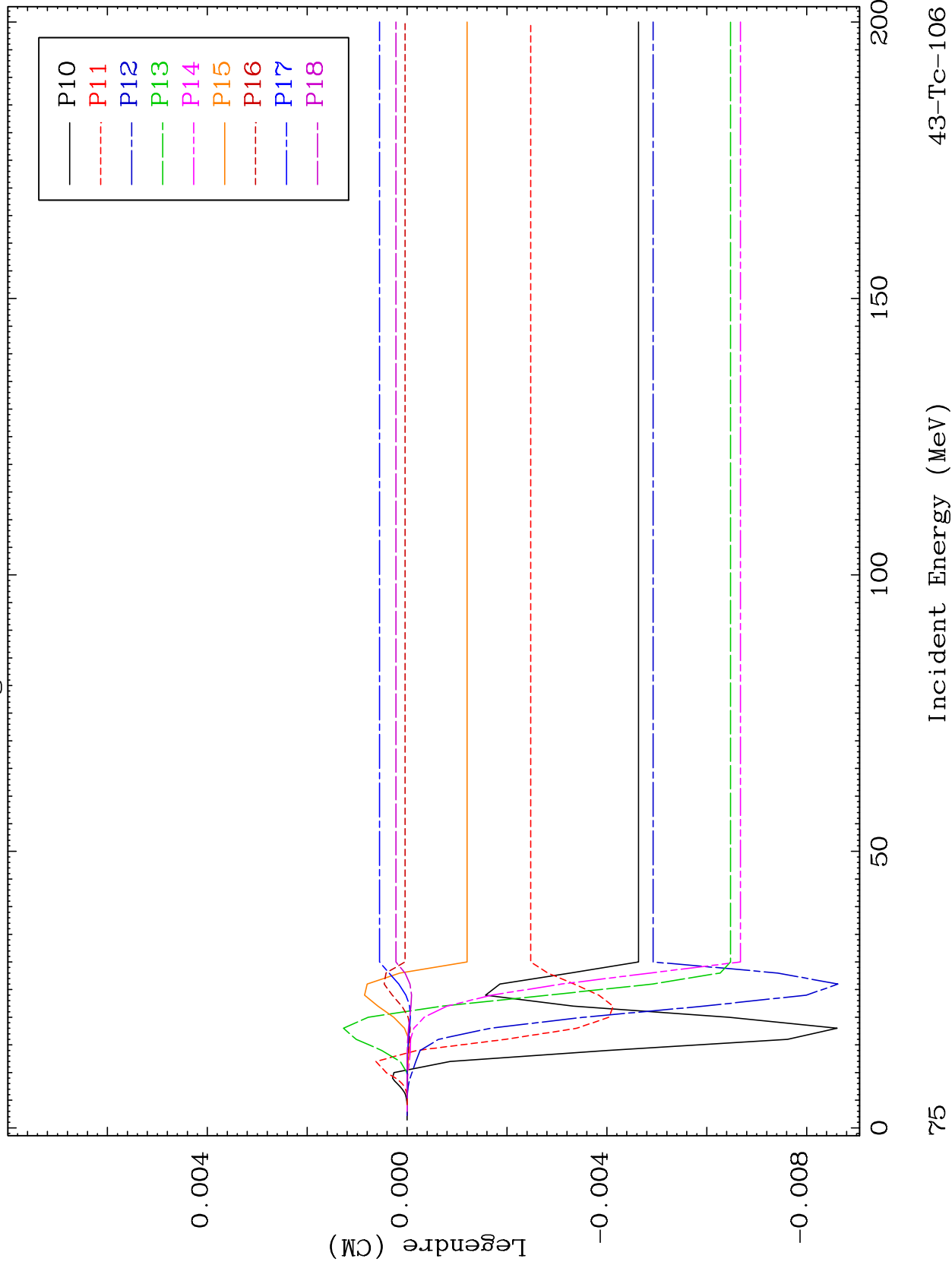
Incident Energy (MeV)

43-Tc-106

MAT 4346

747.1 keV (n, n') Level
Legendre Coefficients

43-Tc-106



75

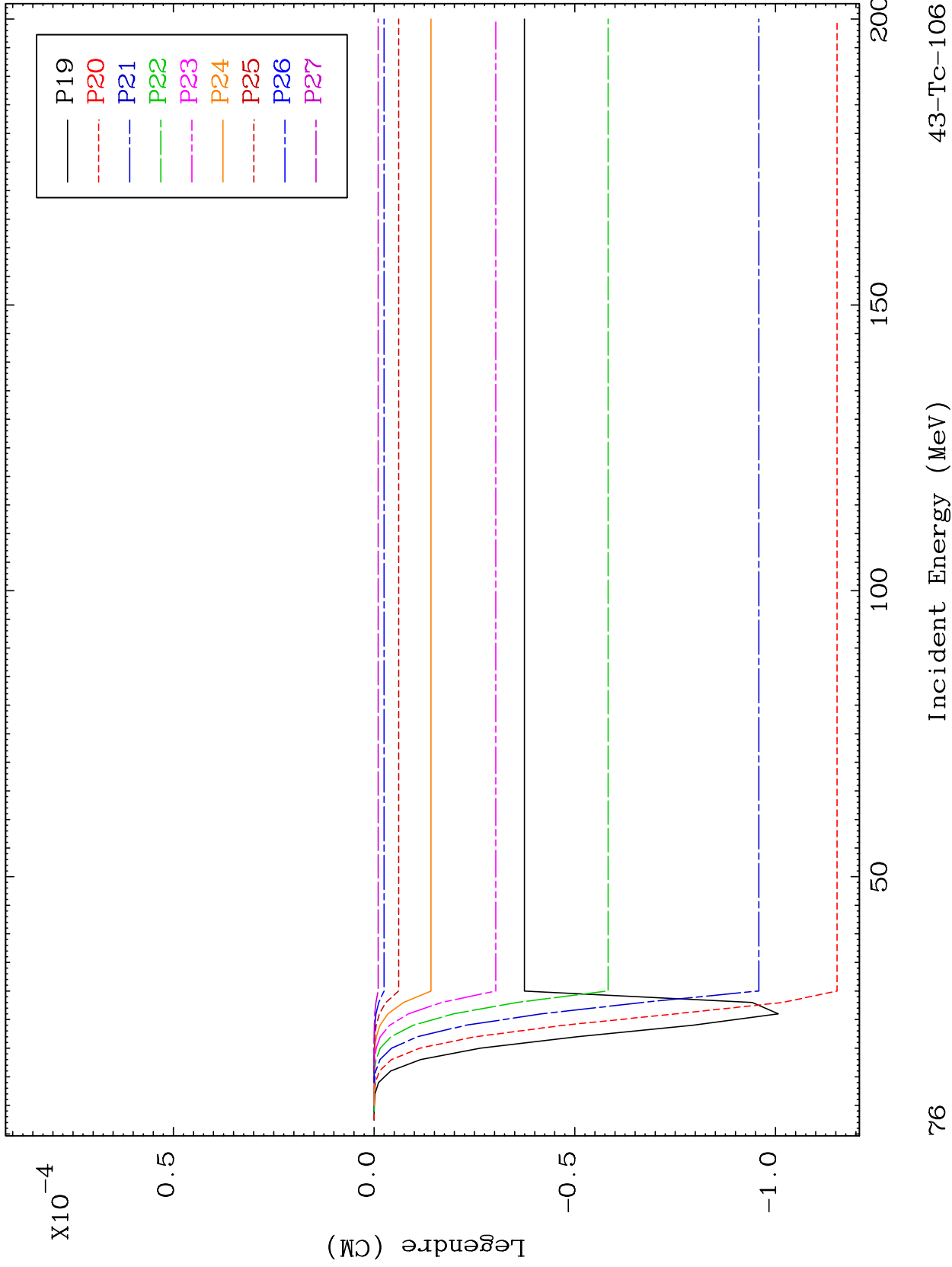
Incident Energy (MeV)

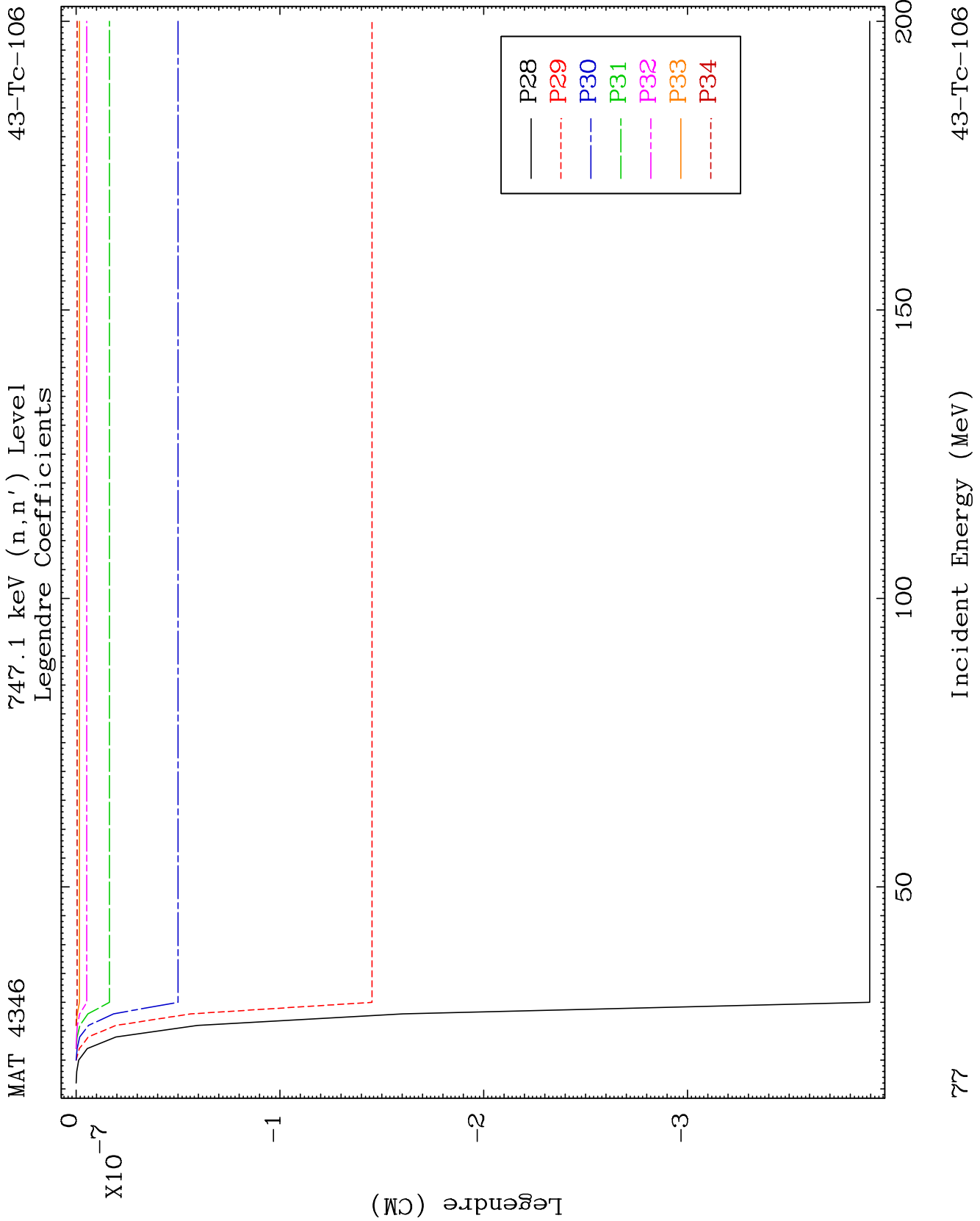
43-Tc-106

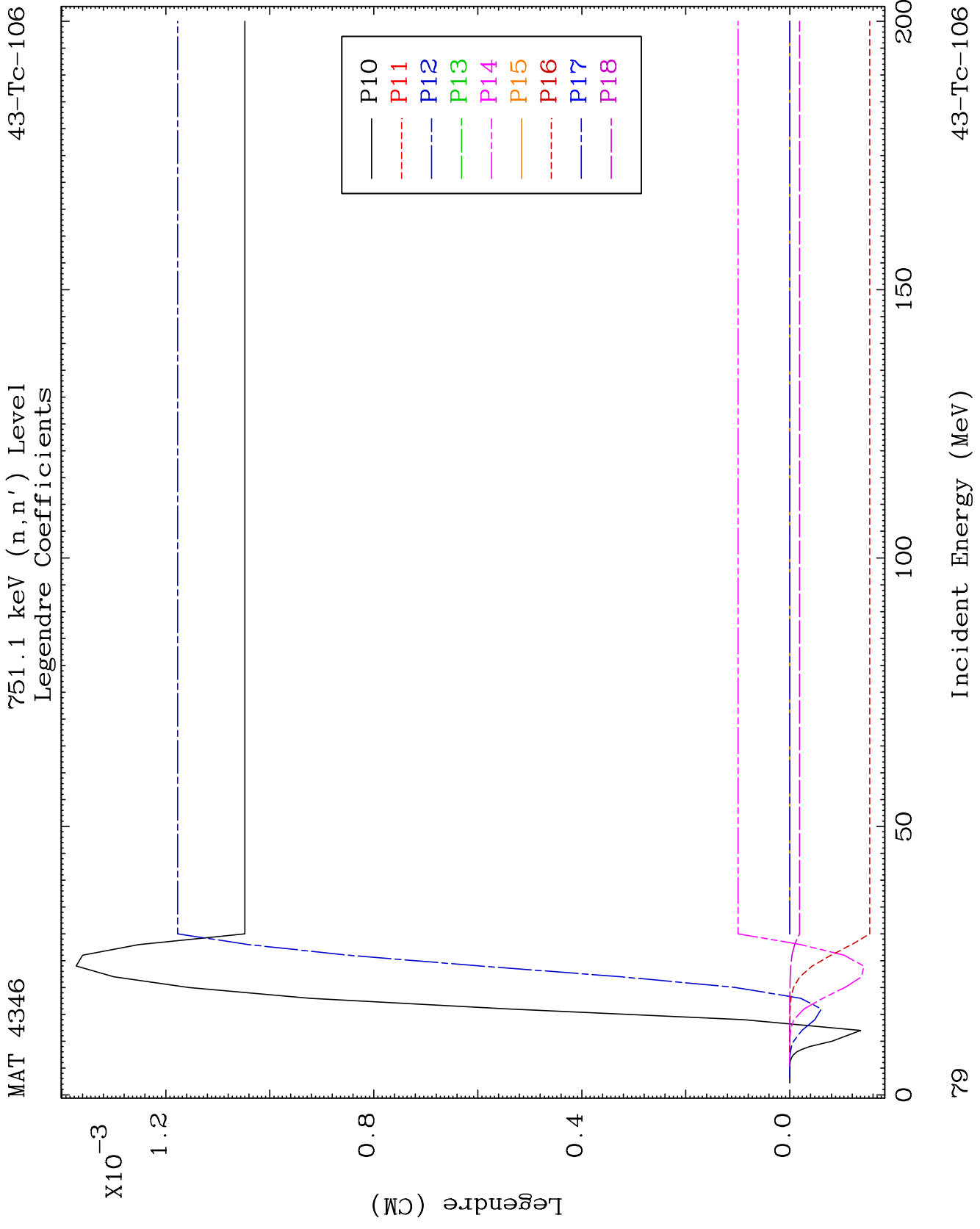
MAT 4346

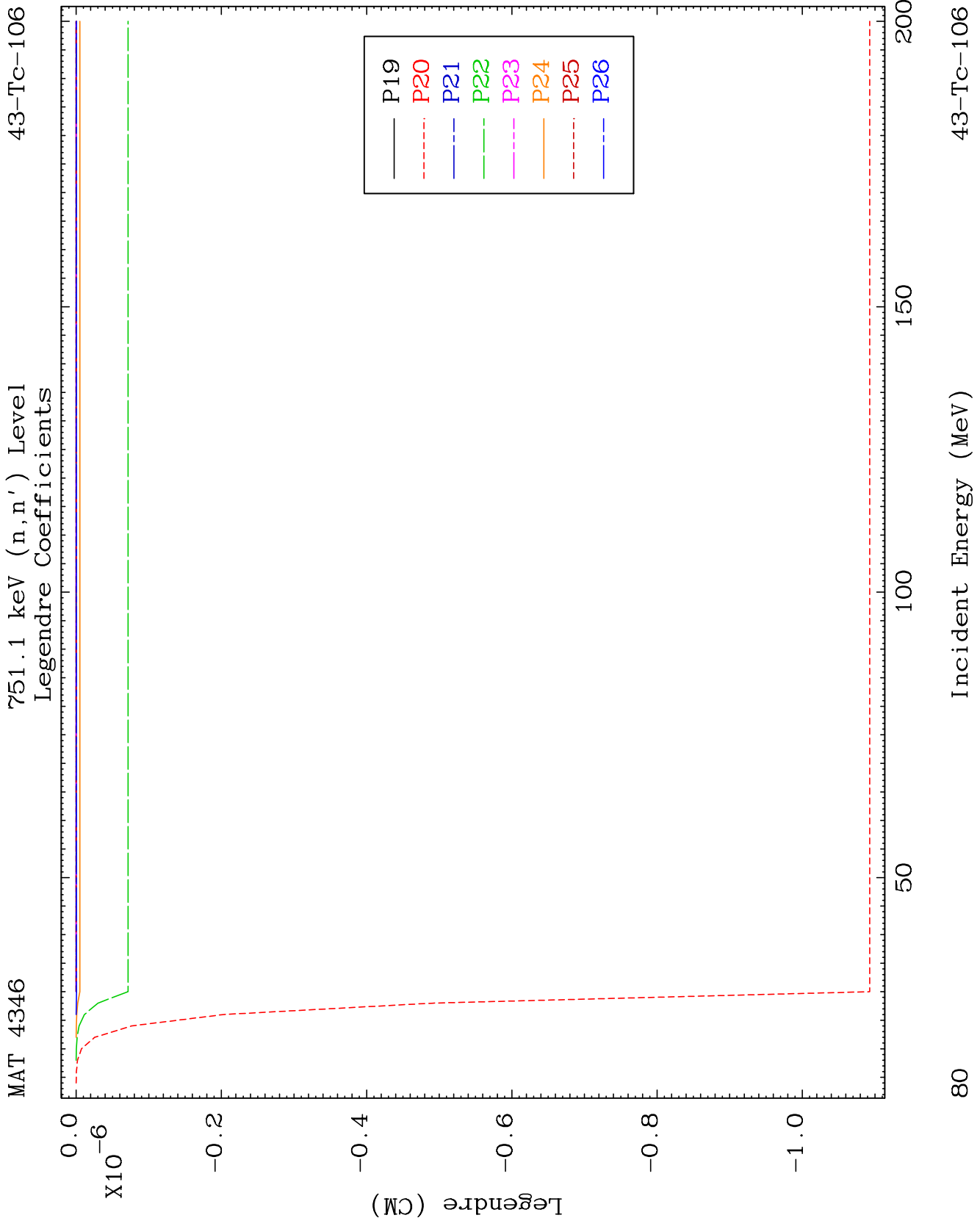
747.1 keV (n,n') Level
Legendre Coefficients

43-Tc-106





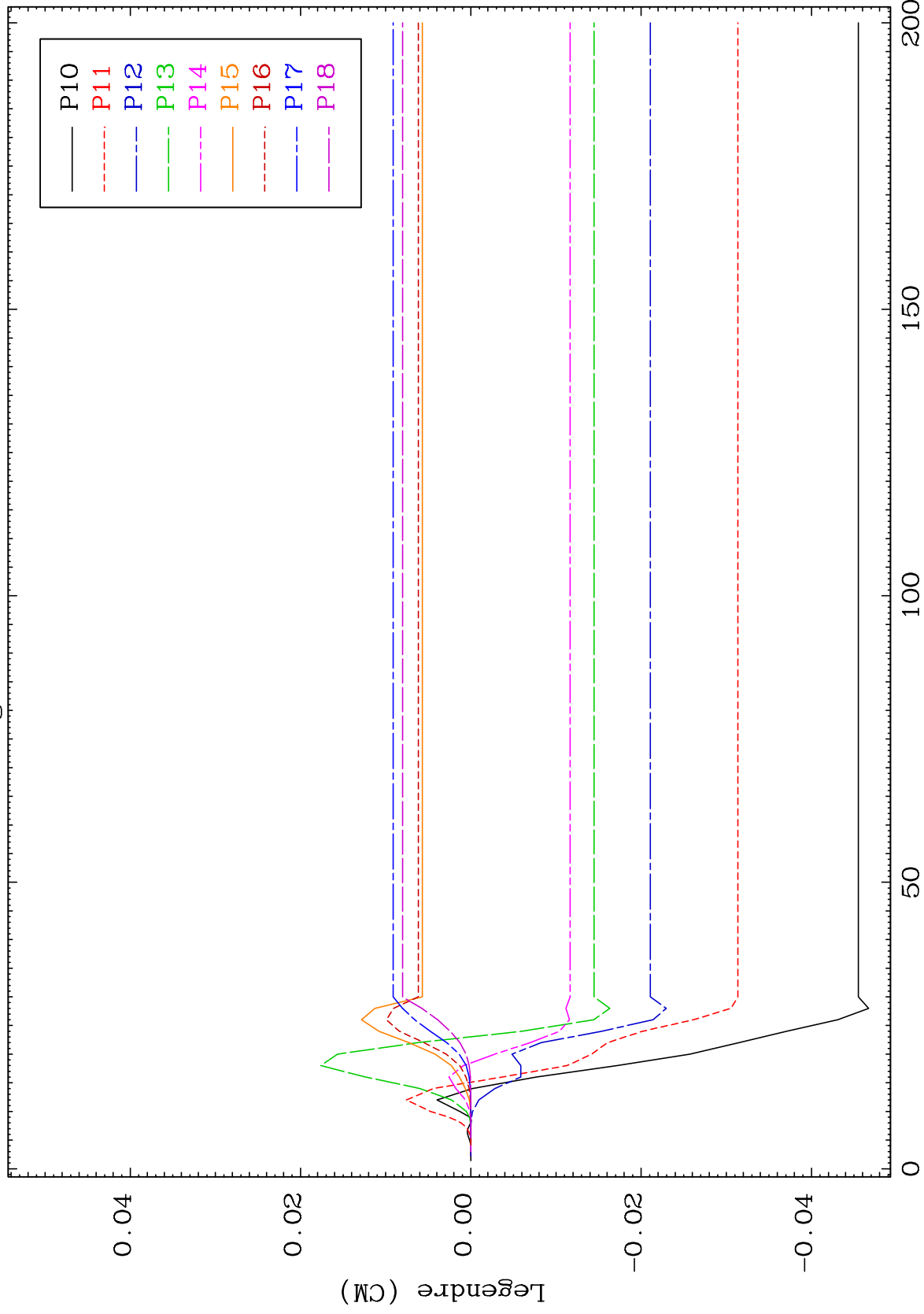




MAT 4346

754.1 keV (n,n') Level
Legendre Coefficients

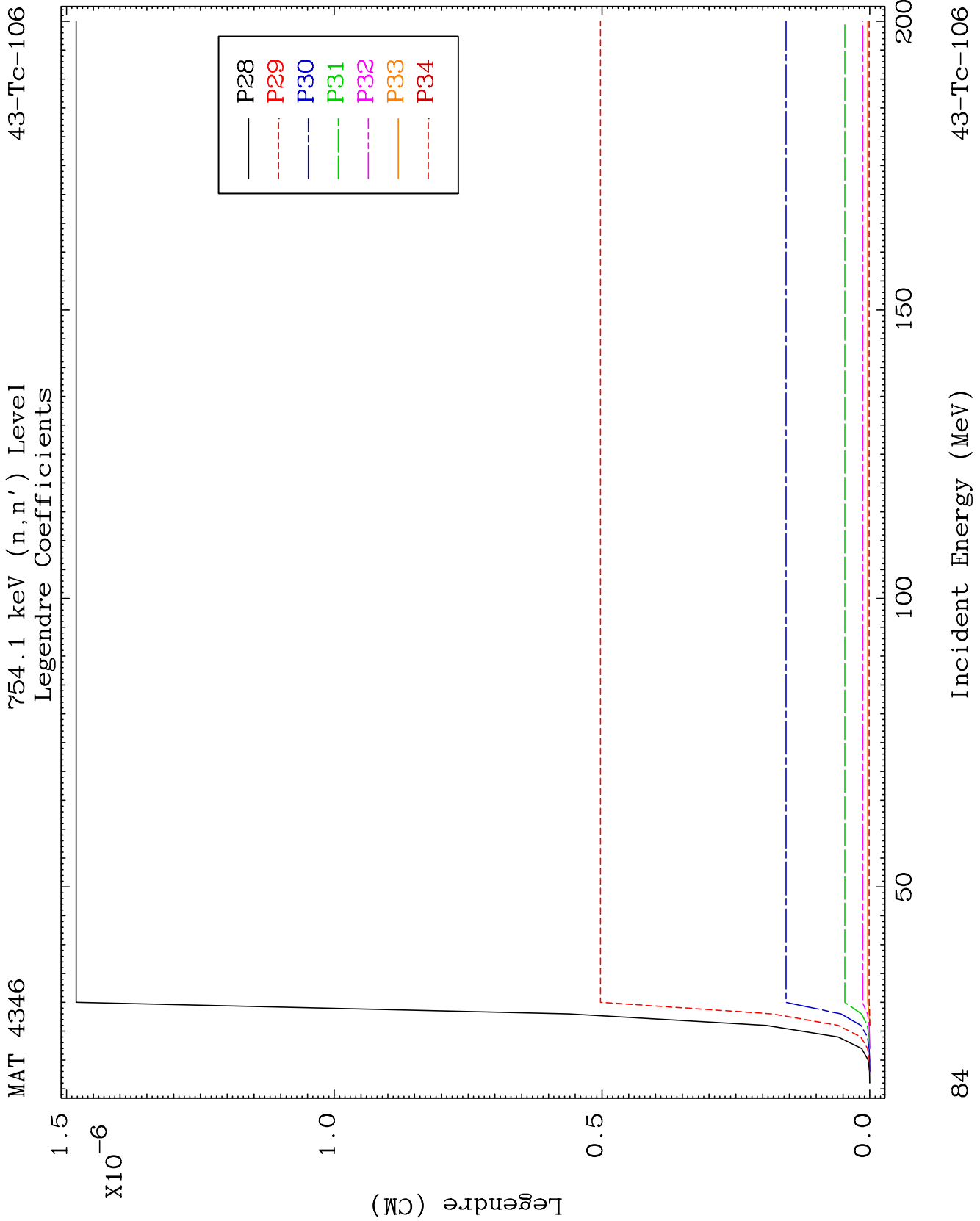
43-Tc-106

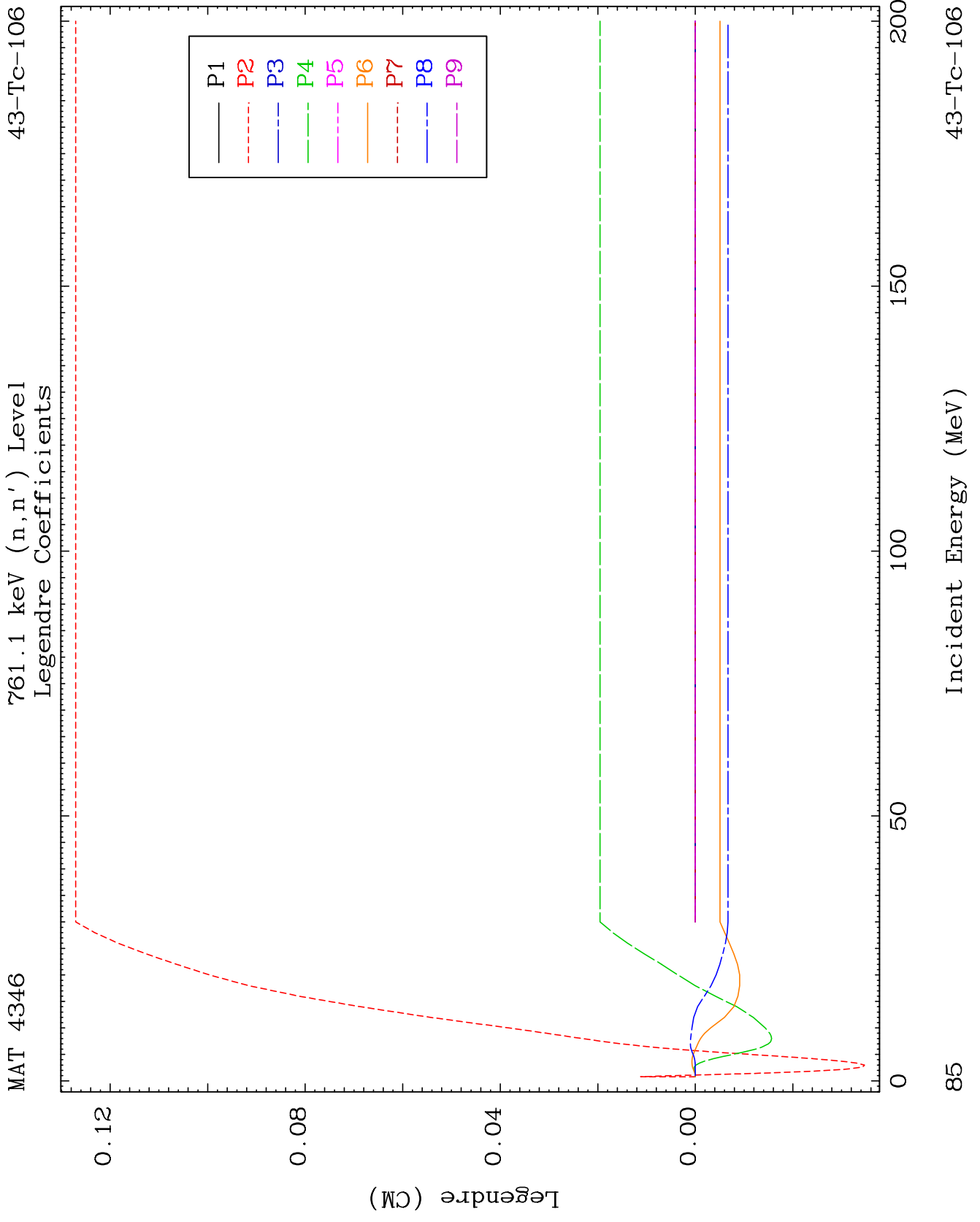


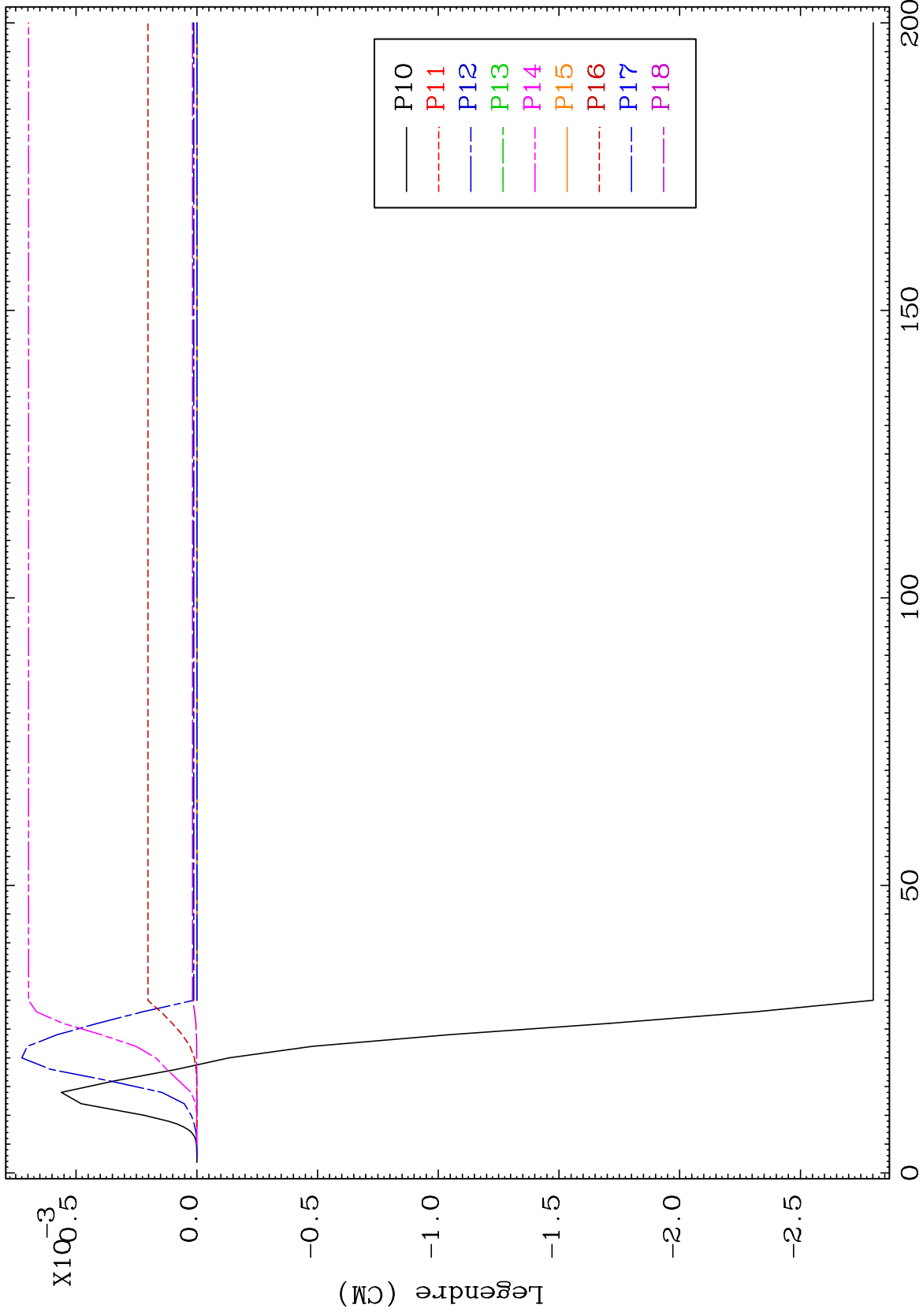
82

Incident Energy (MeV)

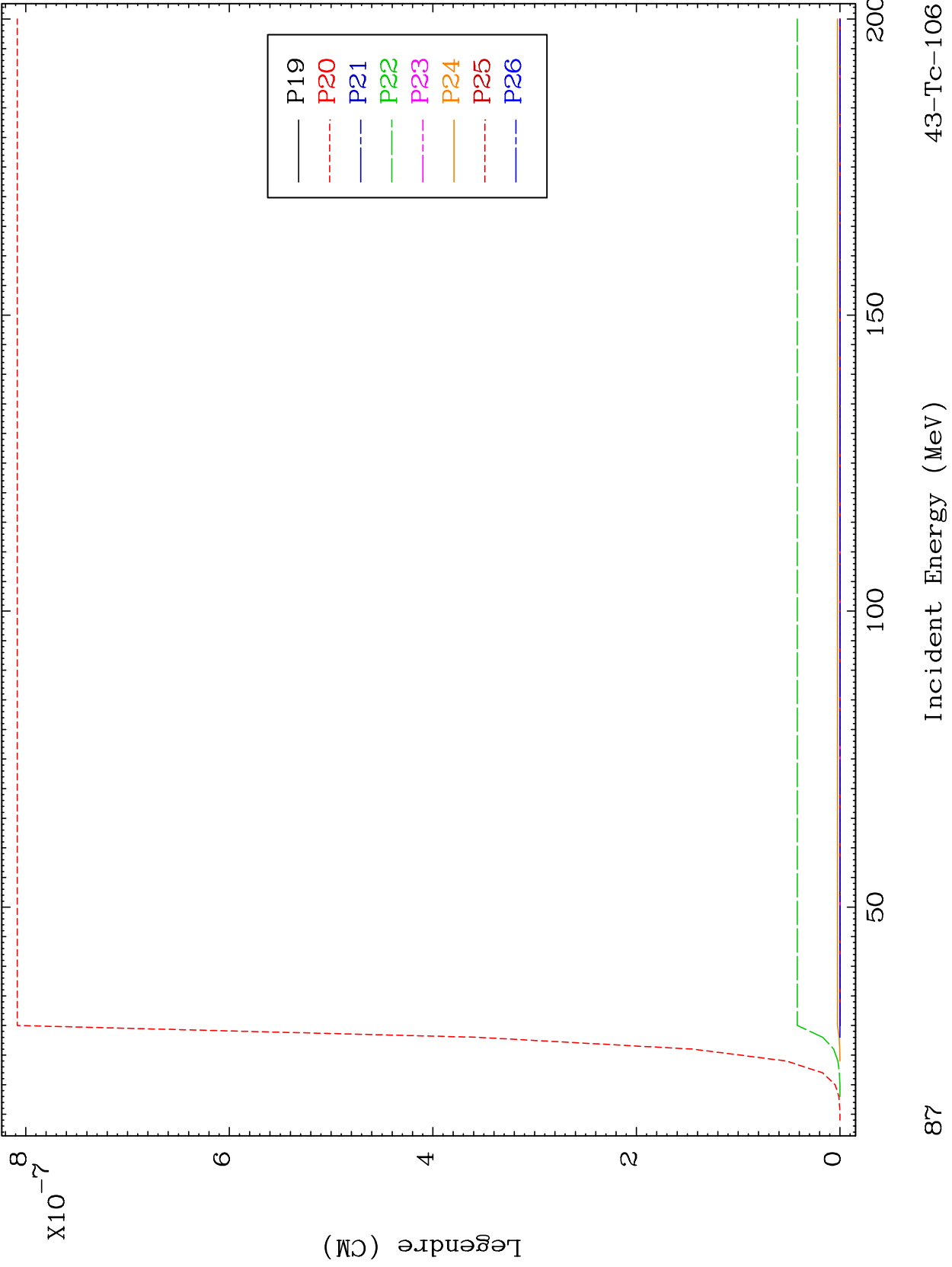
43-Tc-106







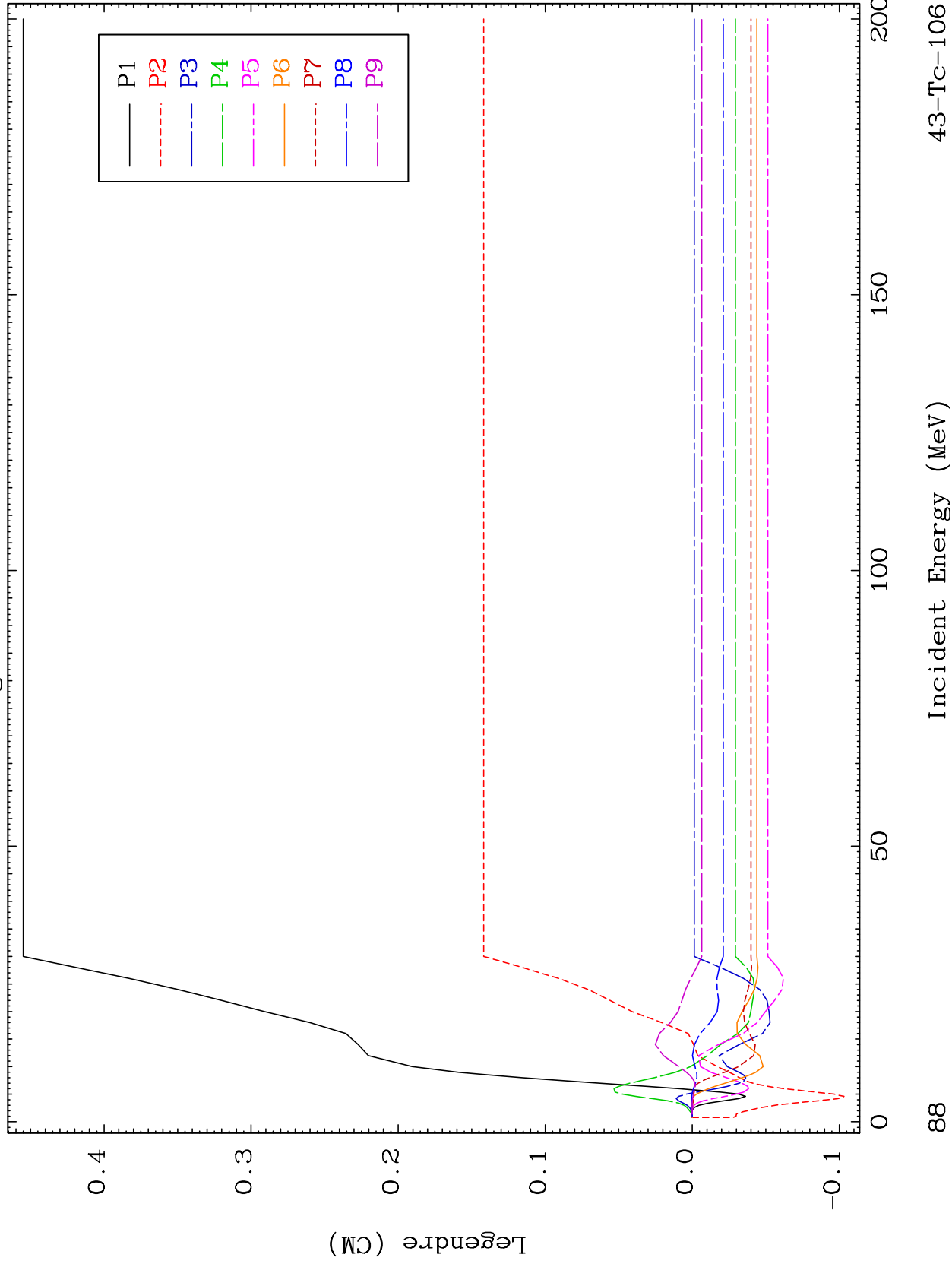
MAT 4346 761.1 keV (n,n') Level 43-Tc-106



MAT 4346

768.7 keV (n,n') Level
Legendre Coefficients

43-Tc-106



43-Tc-106

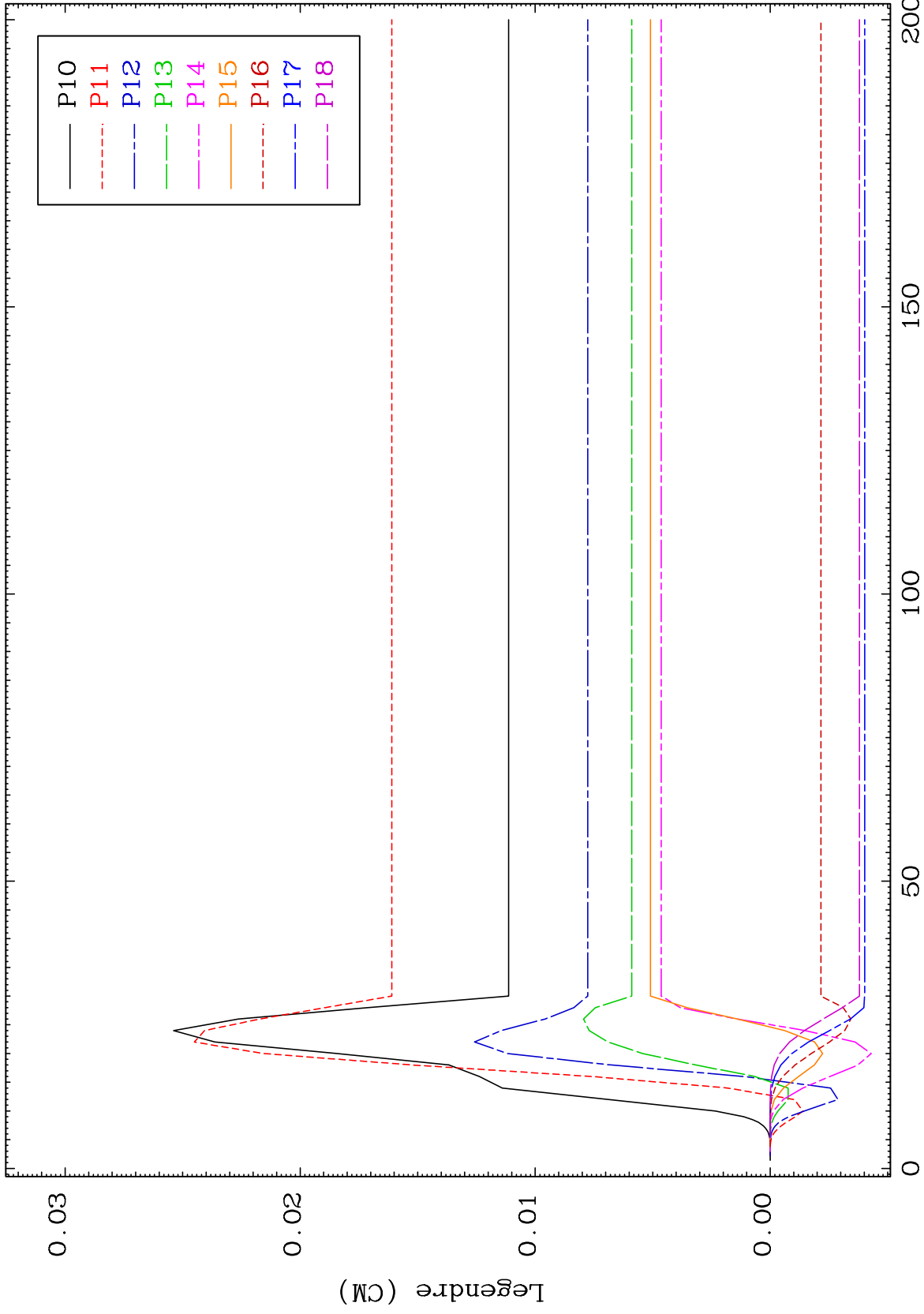
Incident Energy (MeV)

88

MAT 4346

768.7 keV (n, n') Level
Legendre Coefficients

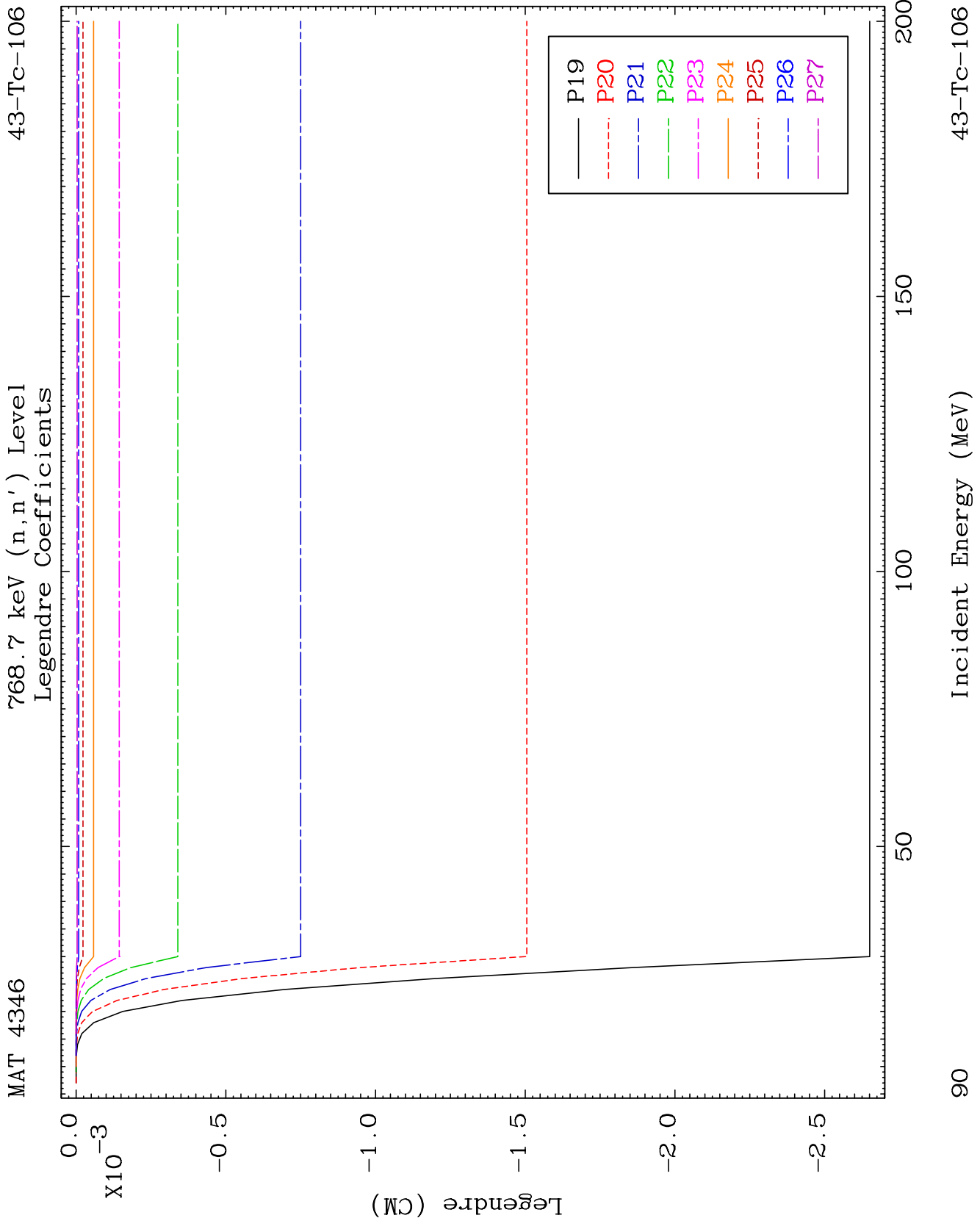
43-Tc-106

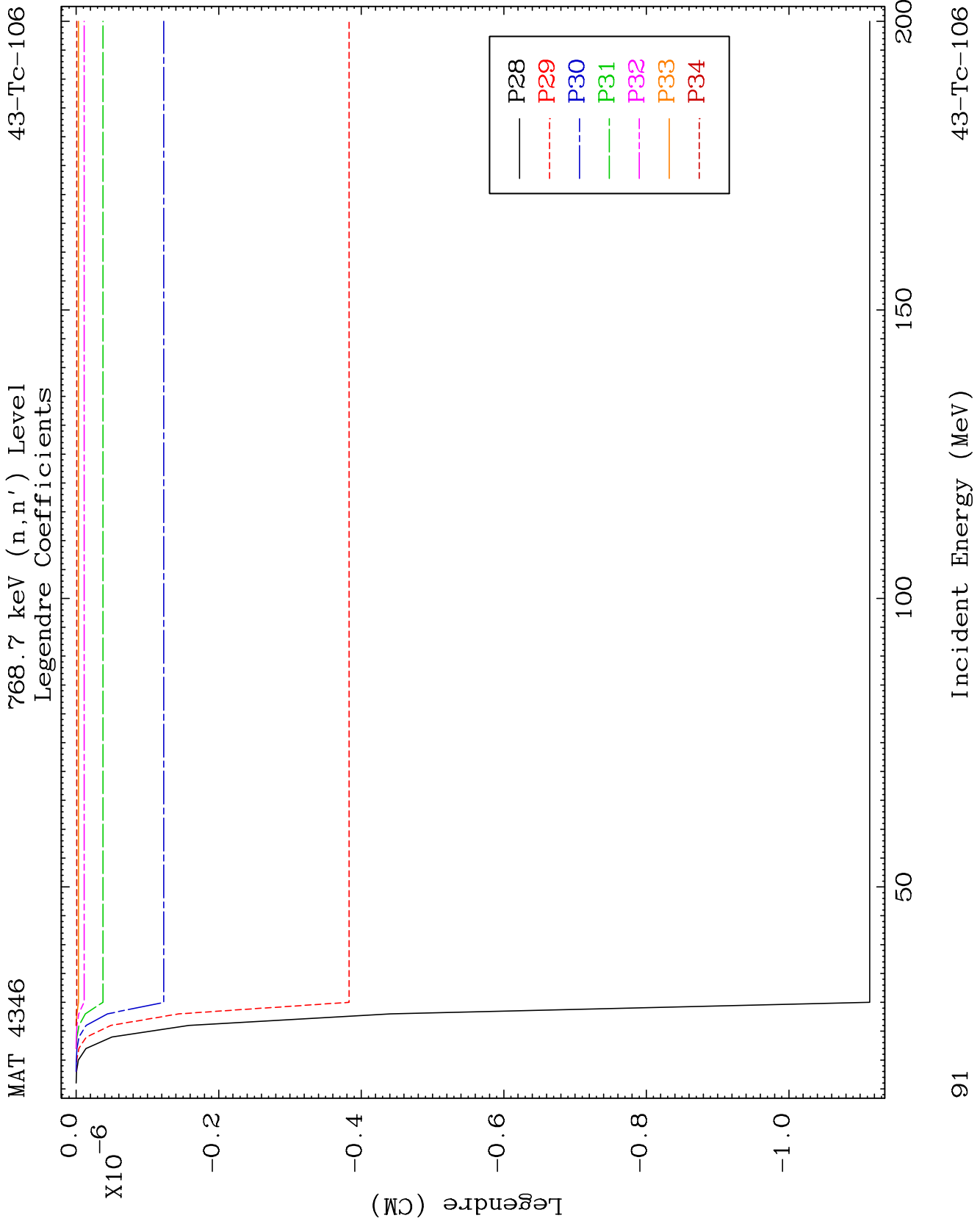


89

Incident Energy (MeV)

43-Tc-106

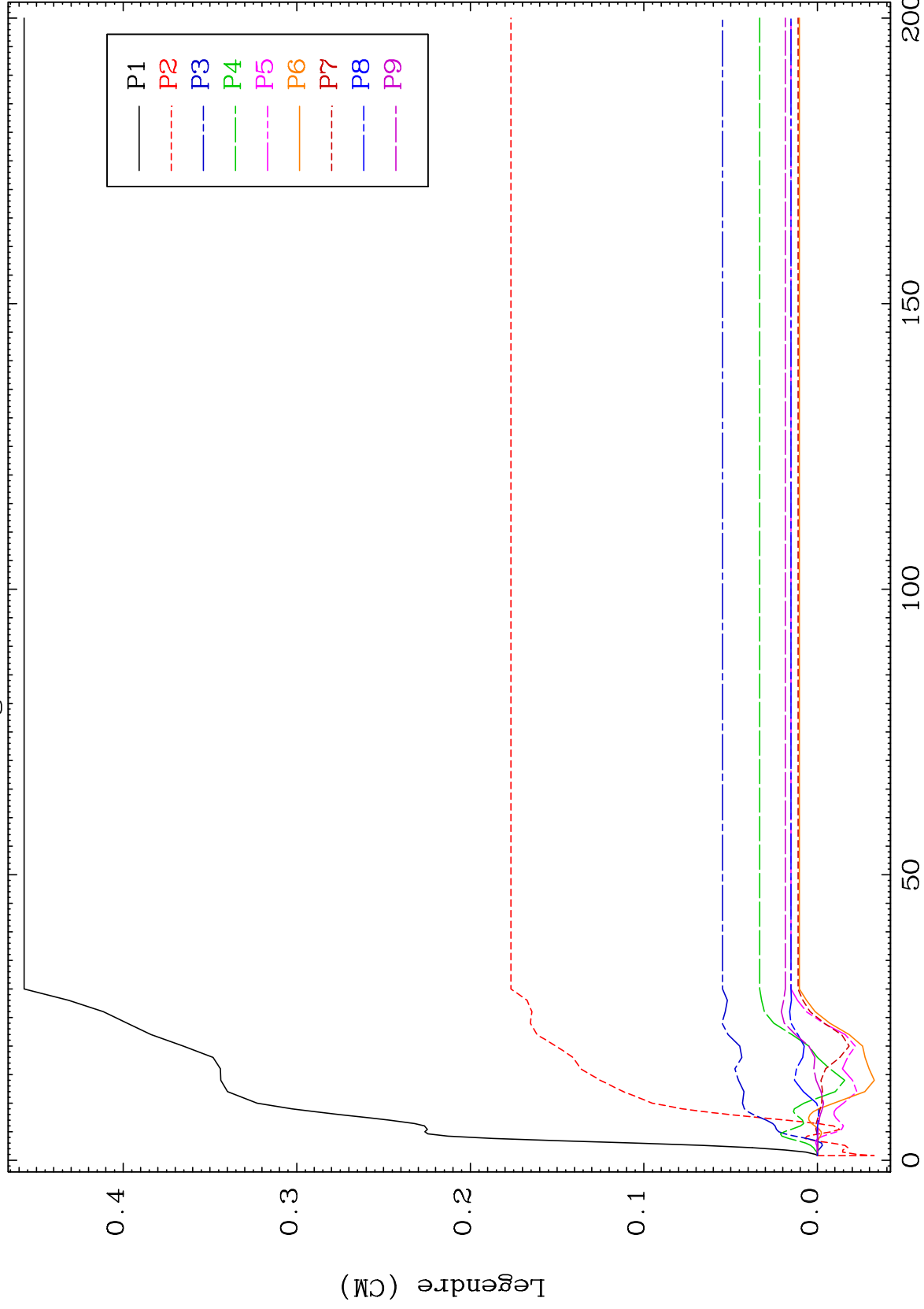




MAT 4346

772.2 keV (n,n') Level
Legendre Coefficients

43-Tc-106



92

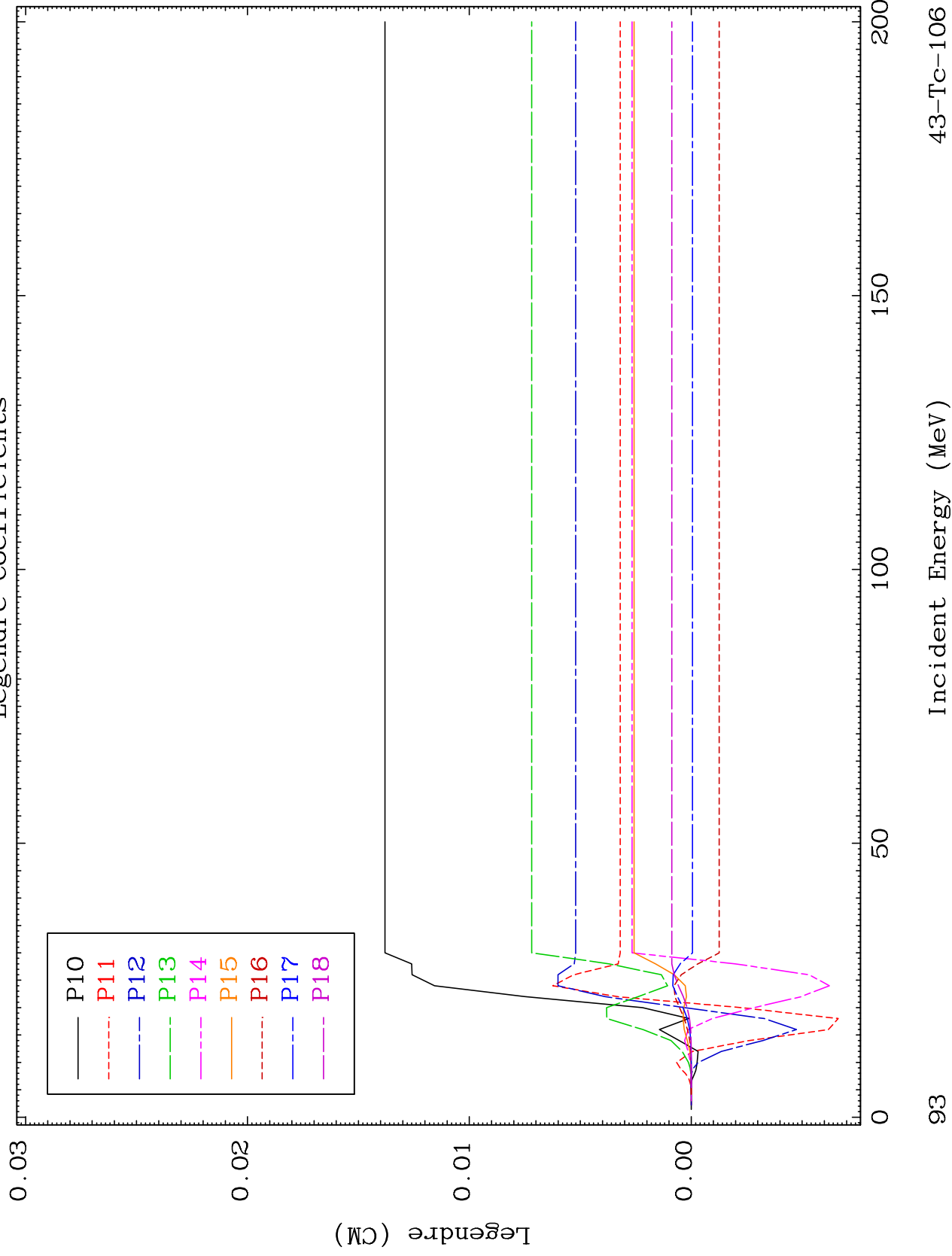
Incident Energy (MeV)

43-Tc-106

MAT 4346

772.2 keV (n,n') Level
Legendre Coefficients

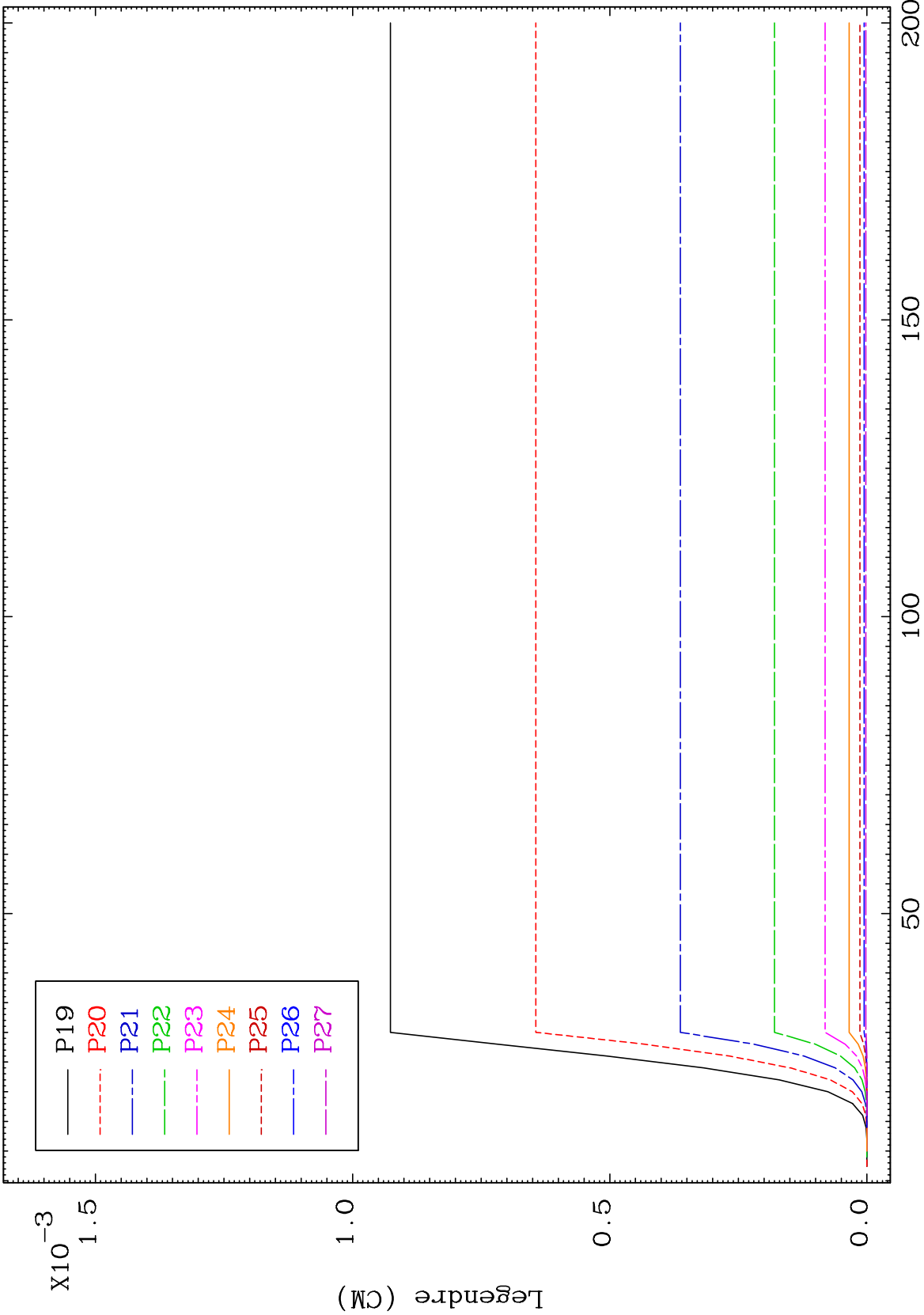
43-Tc-106



93

Incident Energy (MeV)

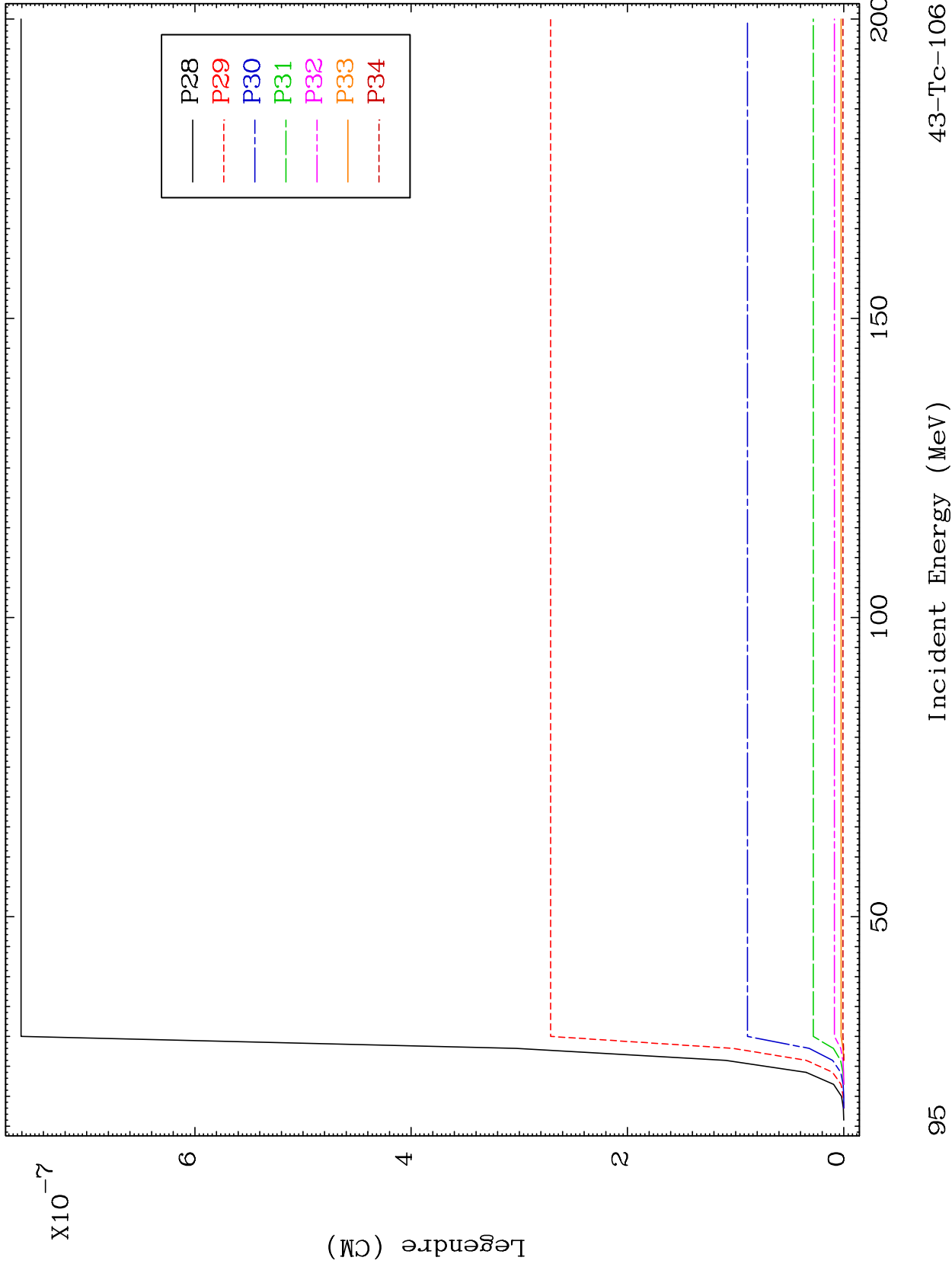
43-Tc-106



MAT 4346

772.2 keV (n,n') Level
Legendre Coefficients

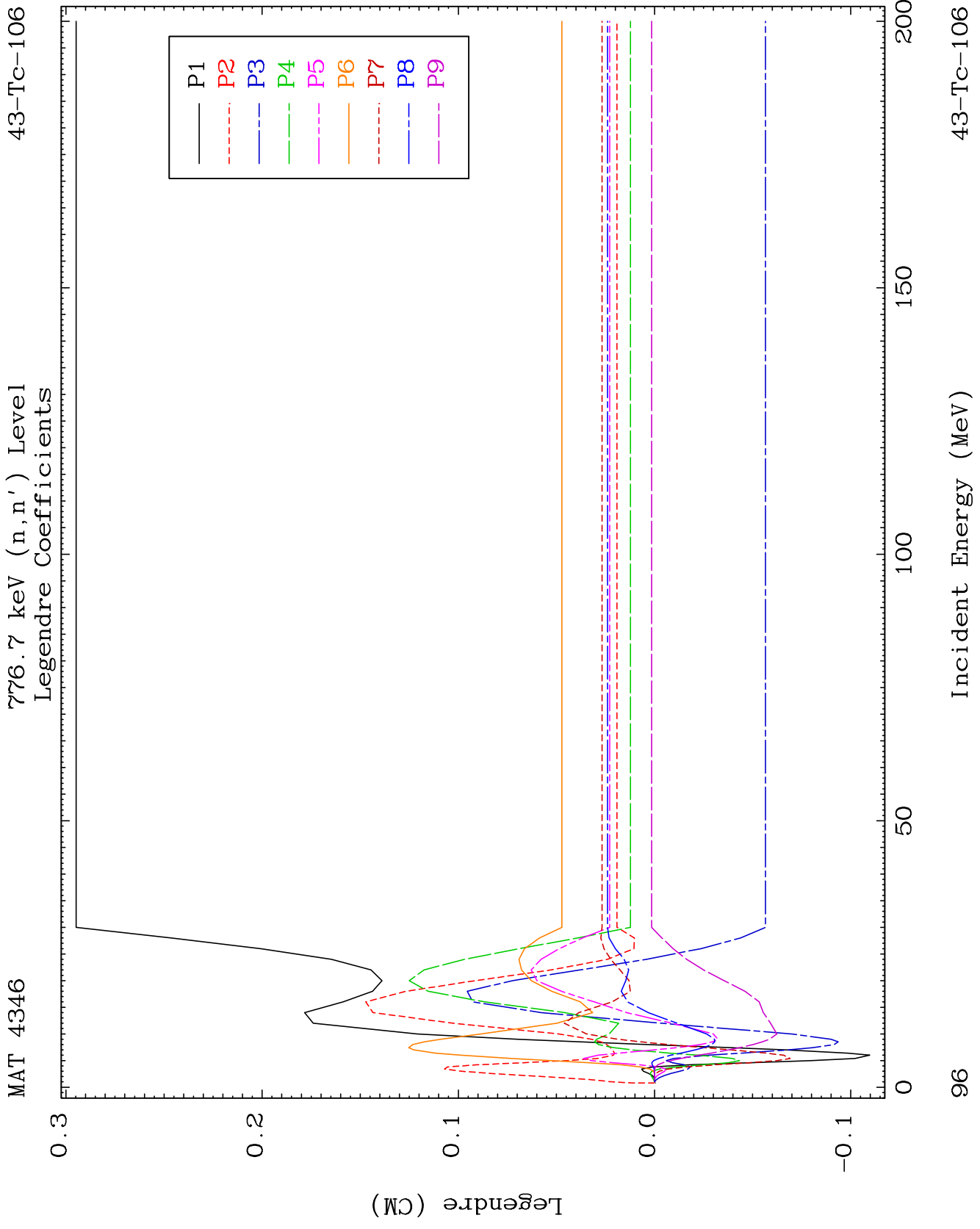
43-Tc-106



43-Tc-106

Incident Energy (MeV)

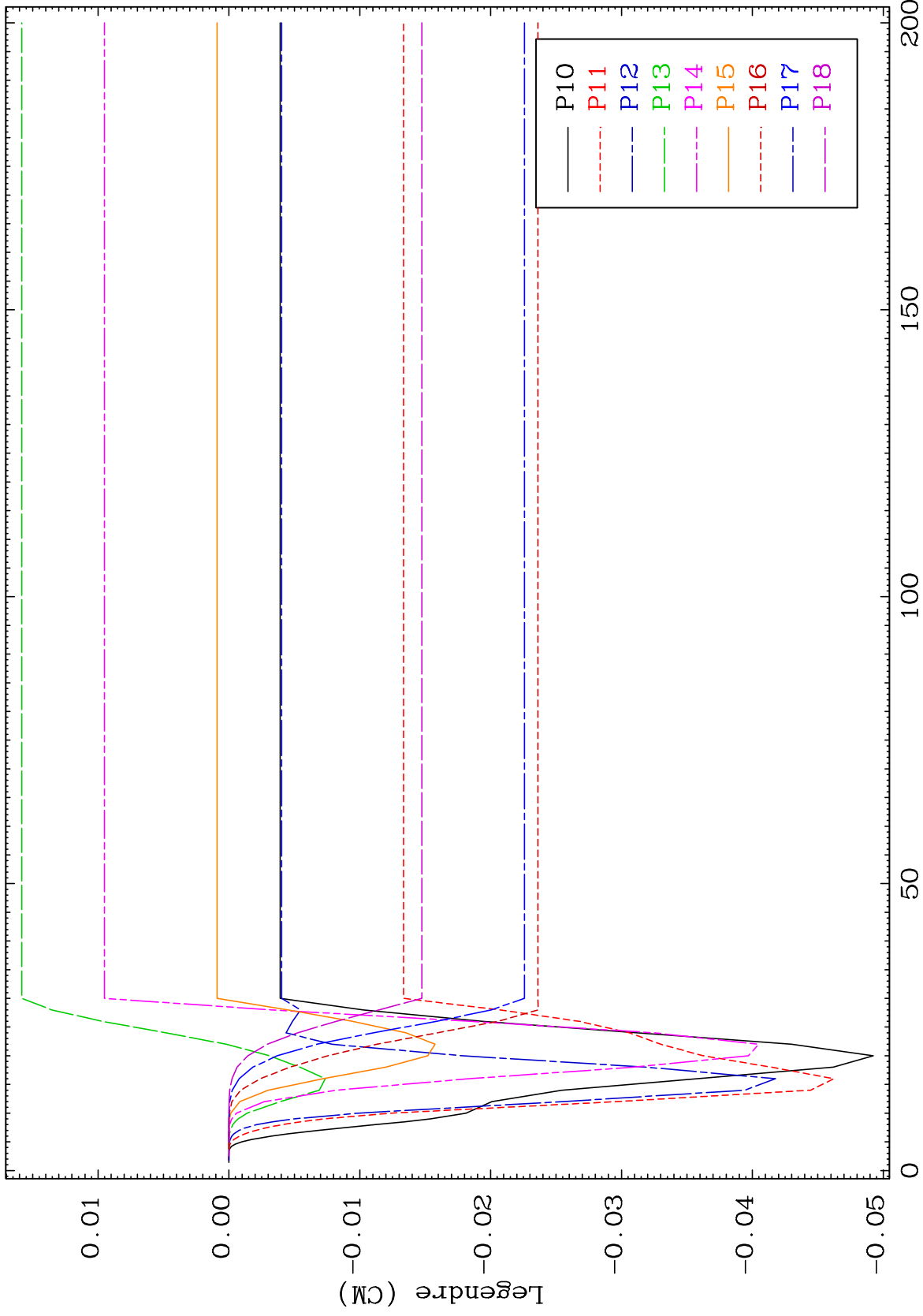
95



MAT 4346

776.7 keV (n,n') Level
Legendre Coefficients

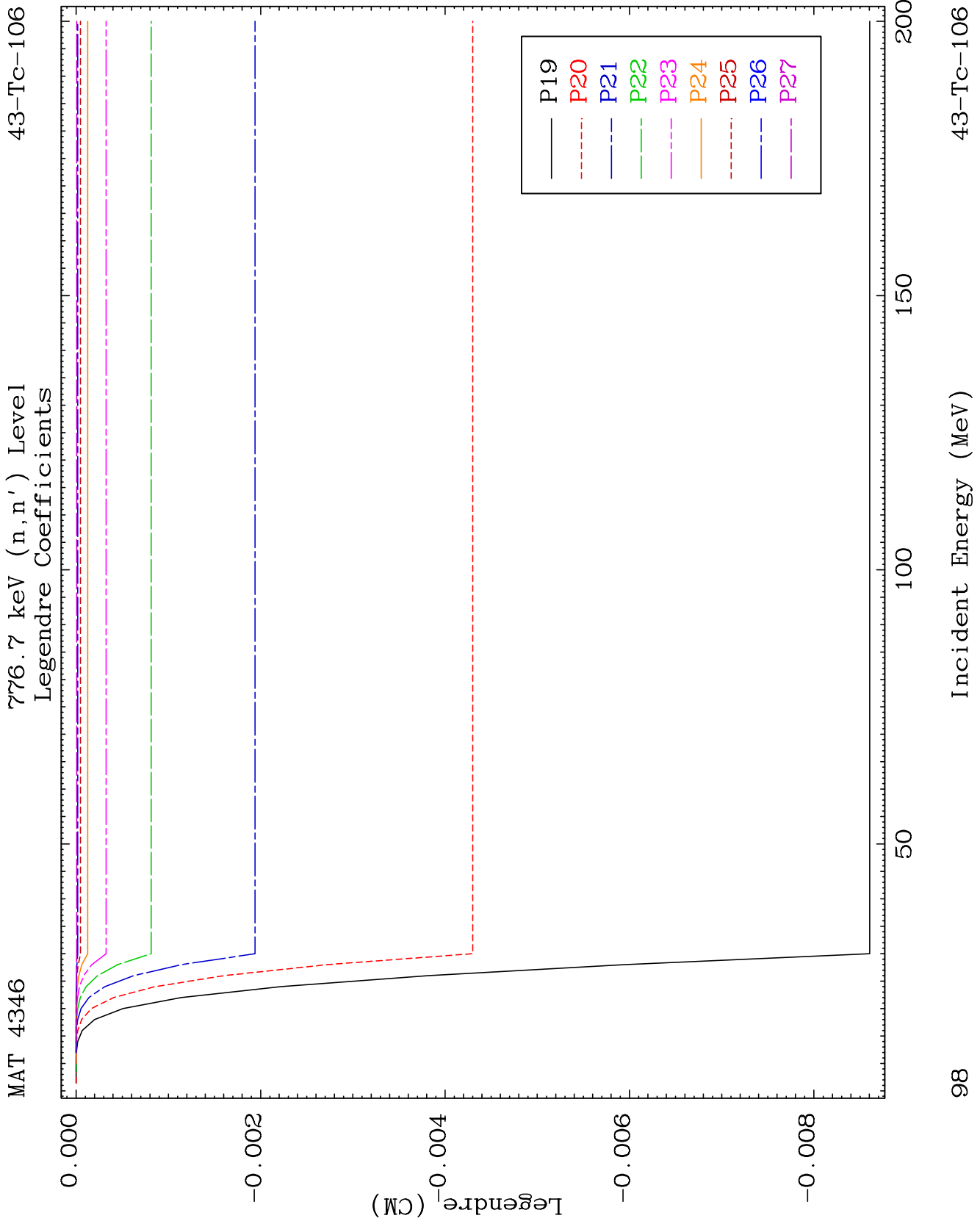
43-Tc-106

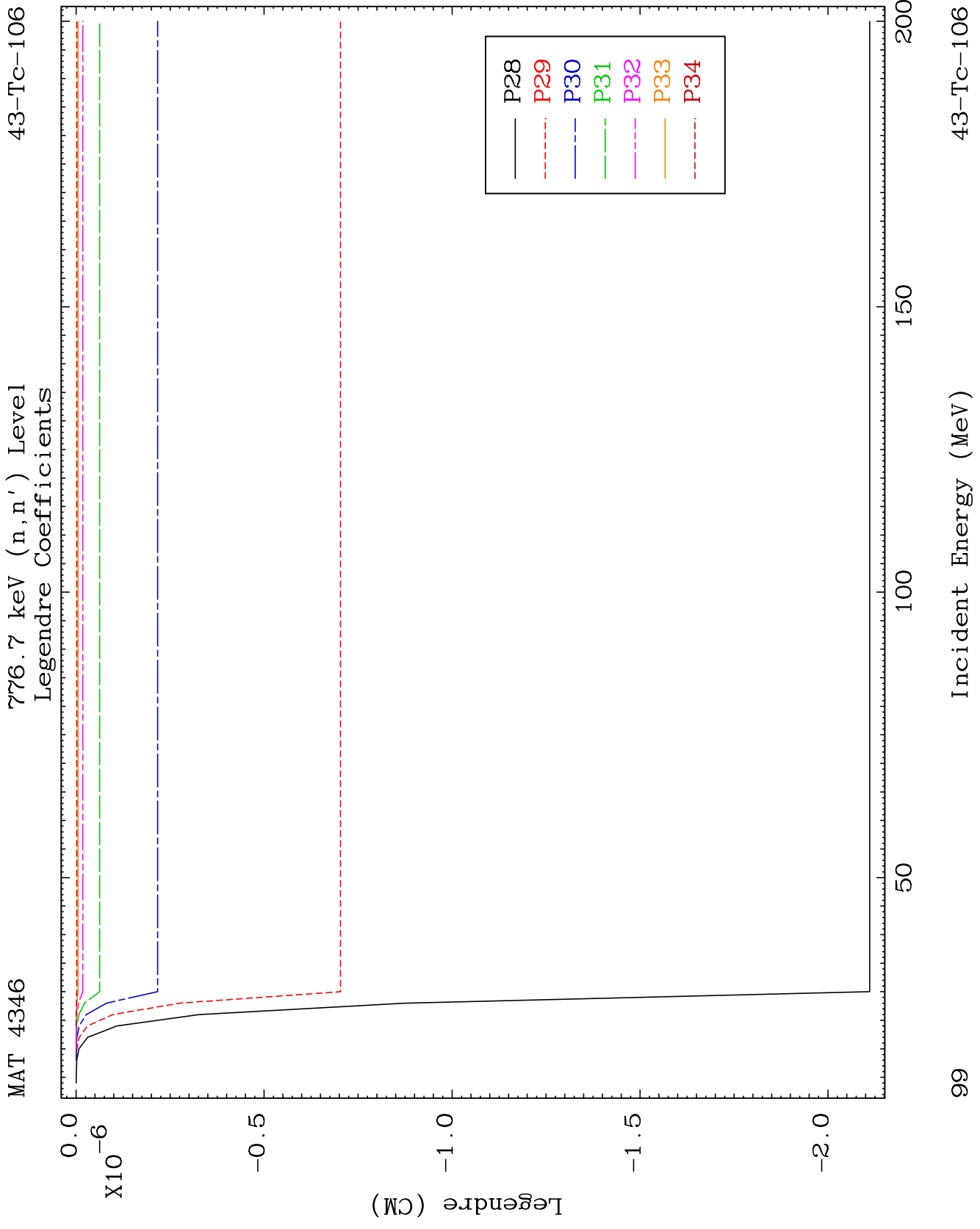


97

Incident Energy (MeV)

43-Tc-106

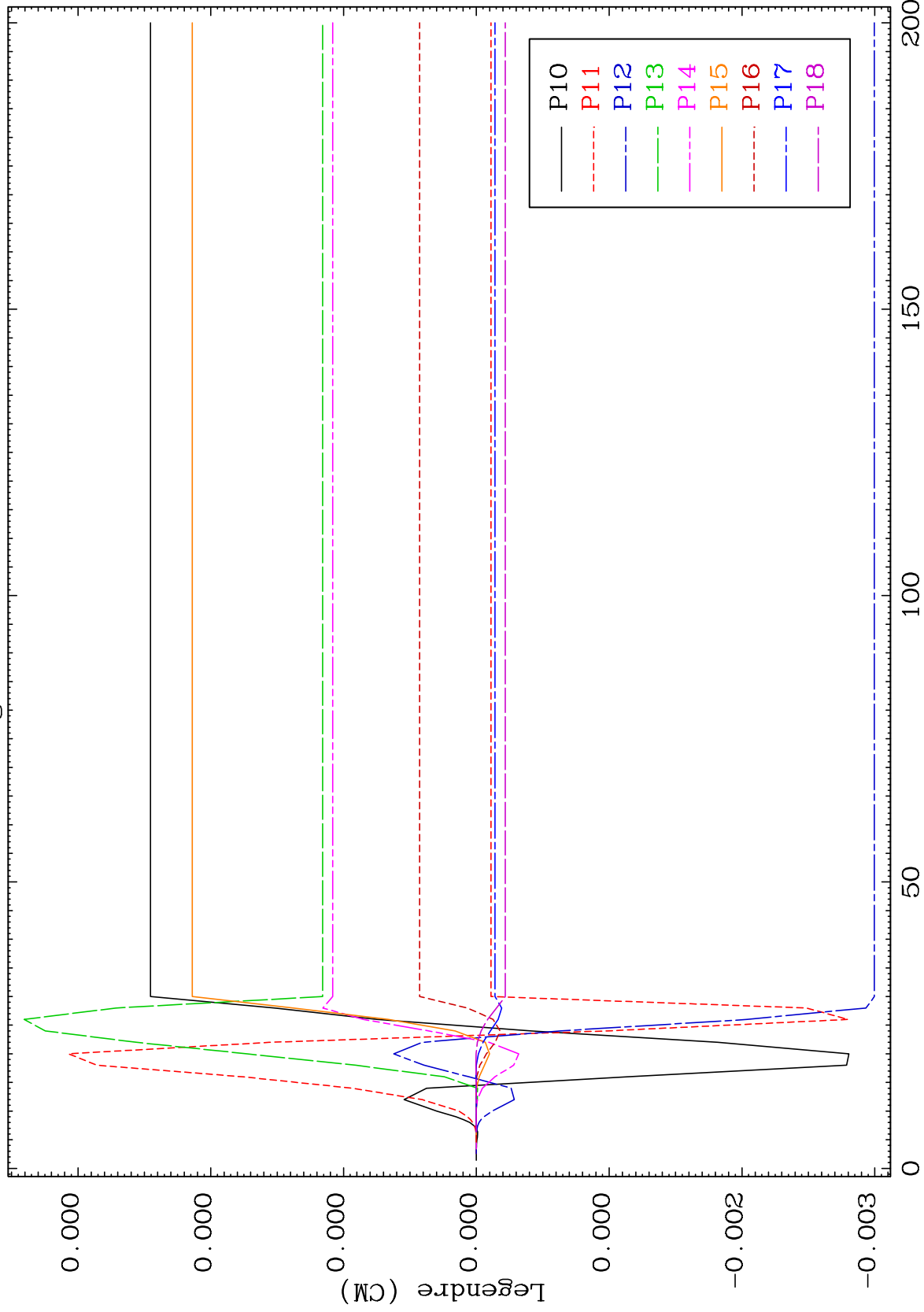




MAT 4346

783.3 keV (n,n') Level
Legendre Coefficients

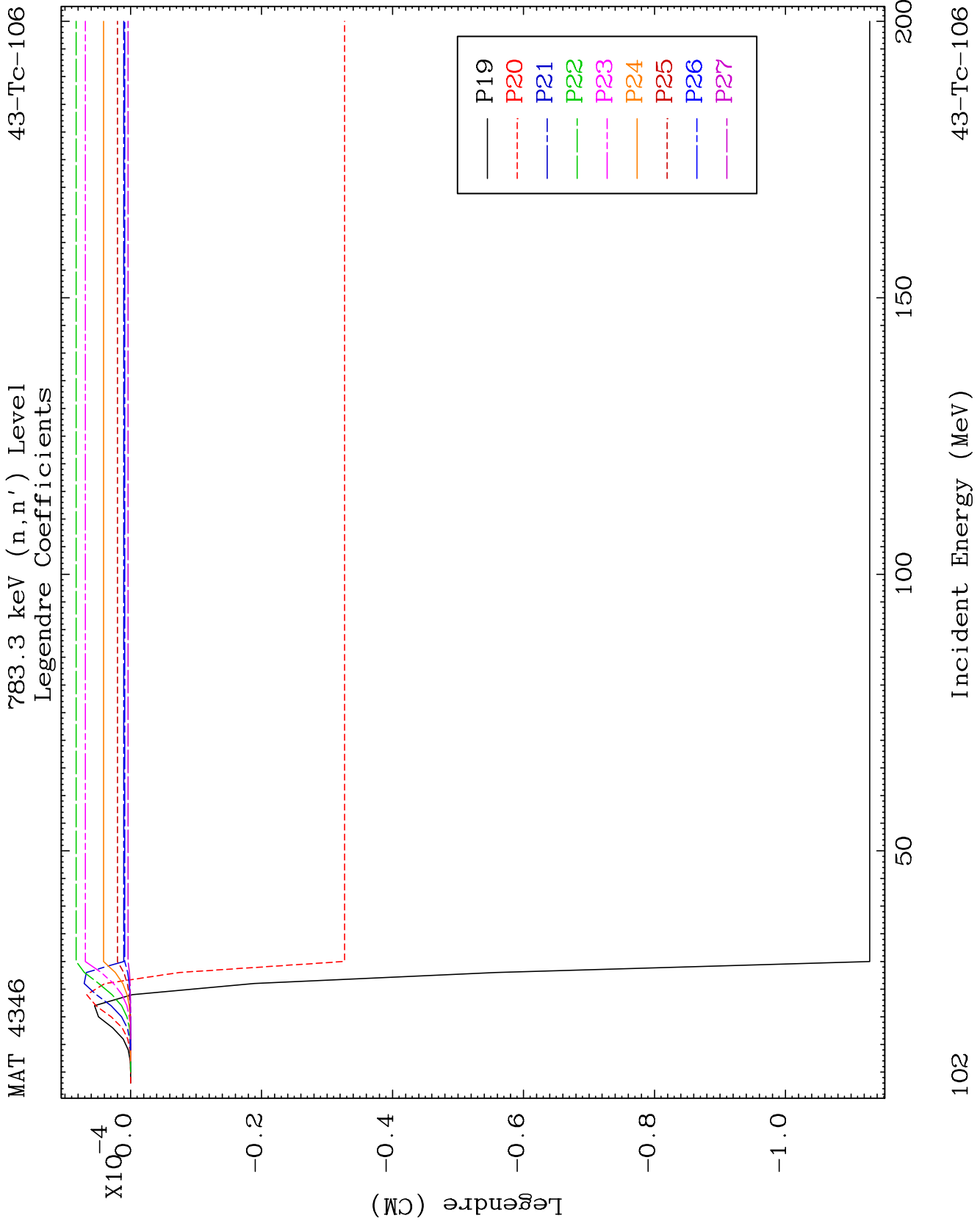
43-Tc-106



101

Incident Energy (MeV)

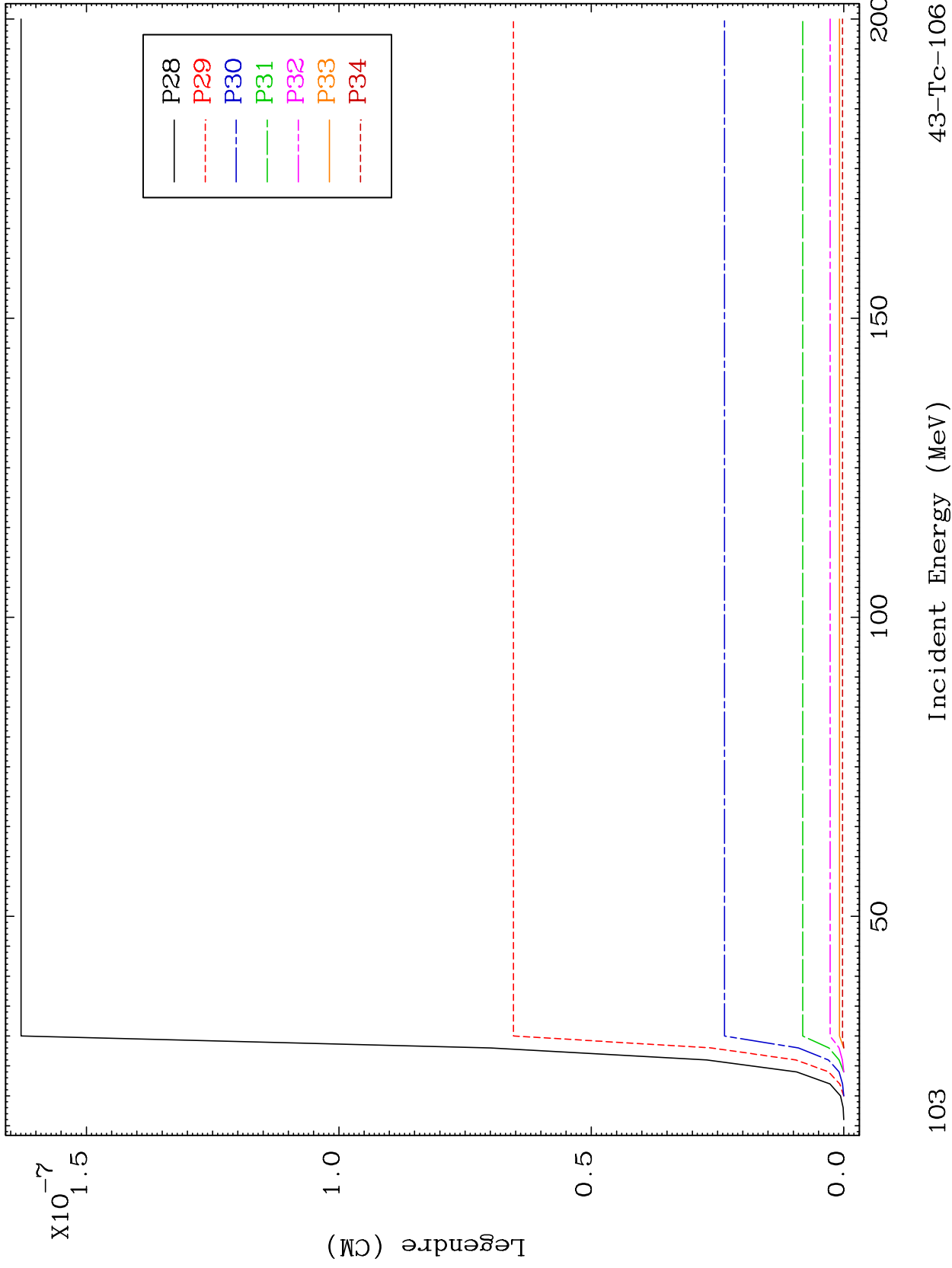
43-Tc-106



MAT 4346

783.3 keV (n,n') Level
Legendre Coefficients

43-Tc-106

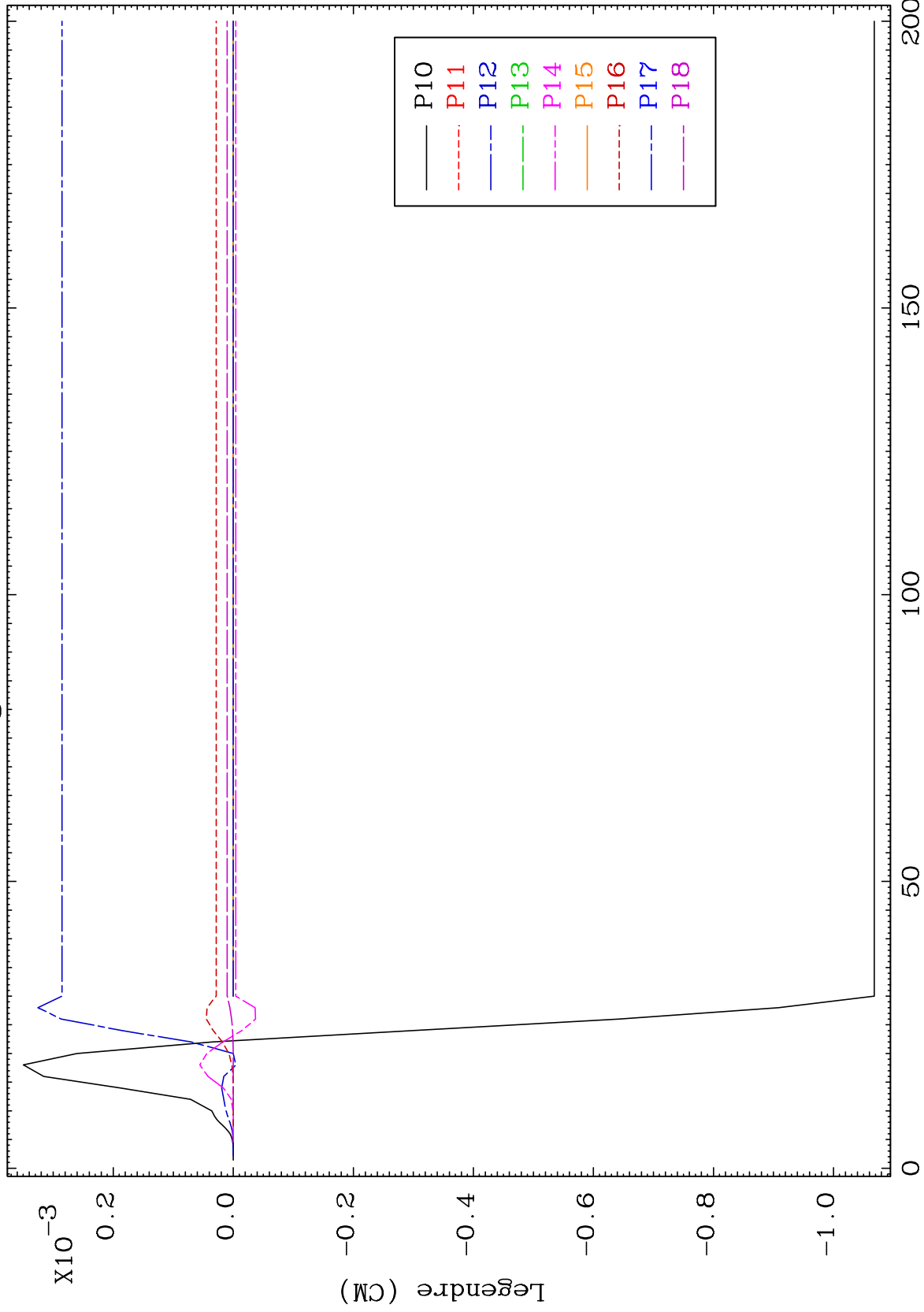


103

MAT 4346

794.8 keV (n,n') Level
Legendre Coefficients

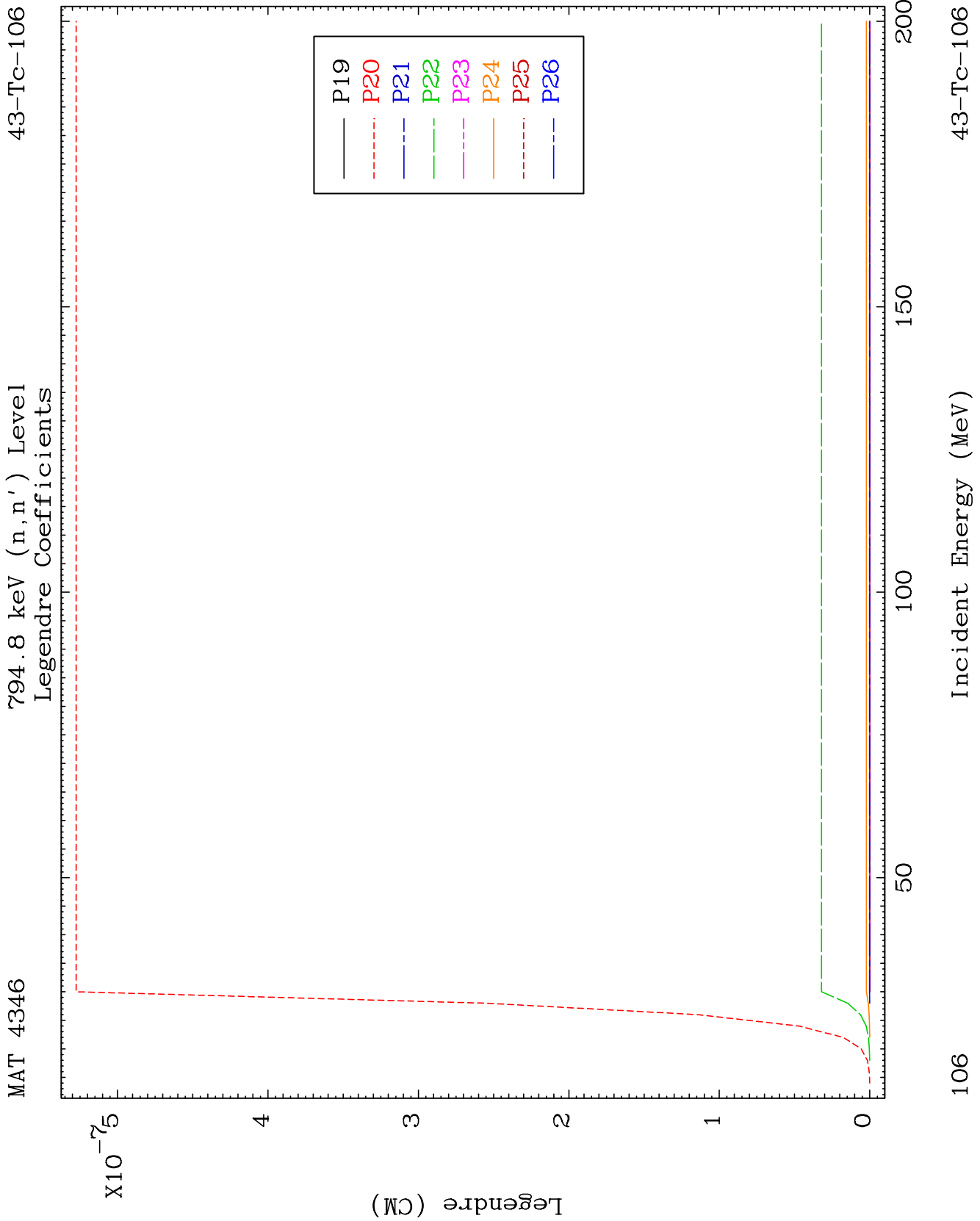
43-Tc-106



105

Incident Energy (MeV)

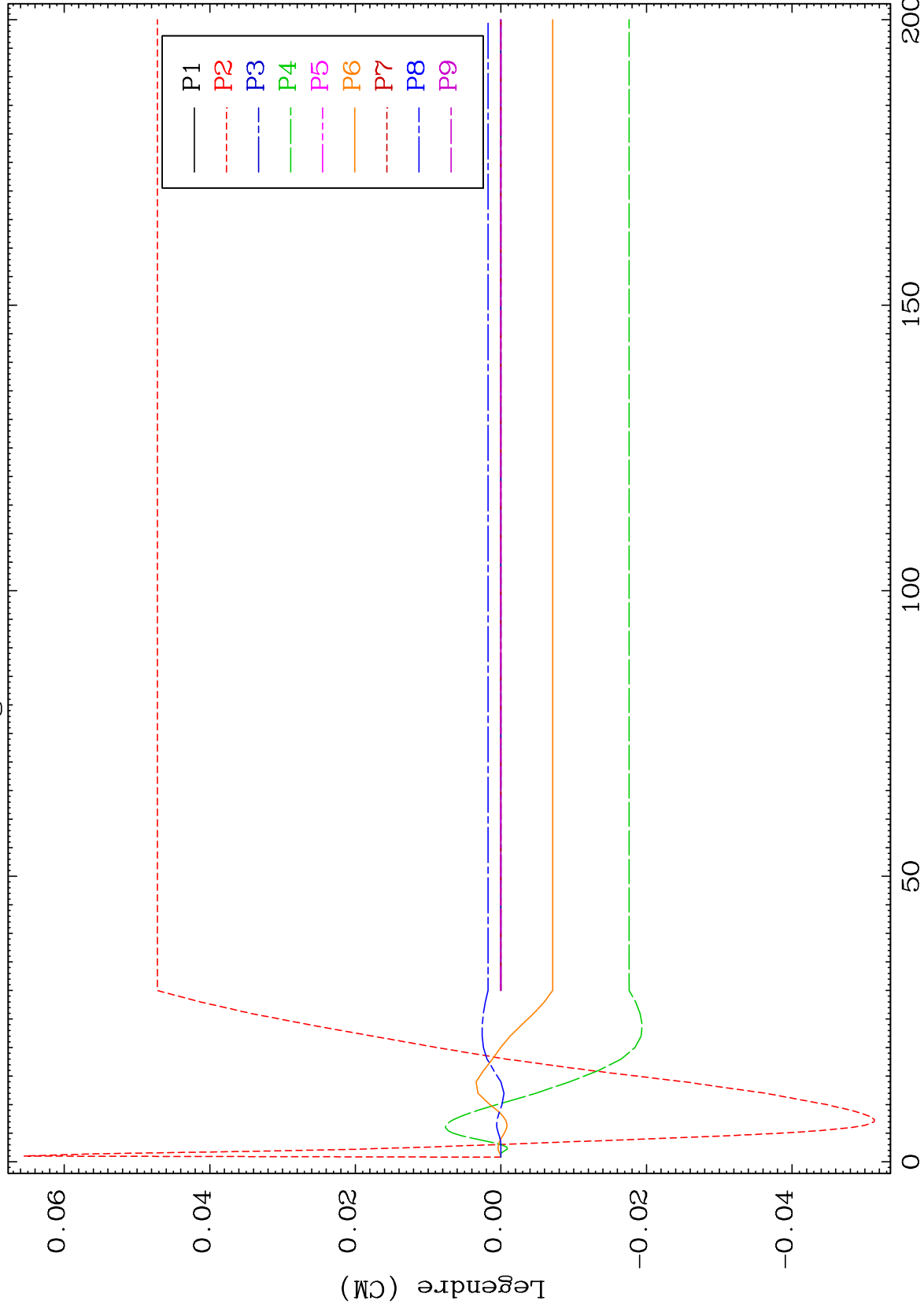
43-Tc-106



MAT 4346

797.7 keV (n,n') Level
Legendre Coefficients

43-Tc-106



43-Tc-106

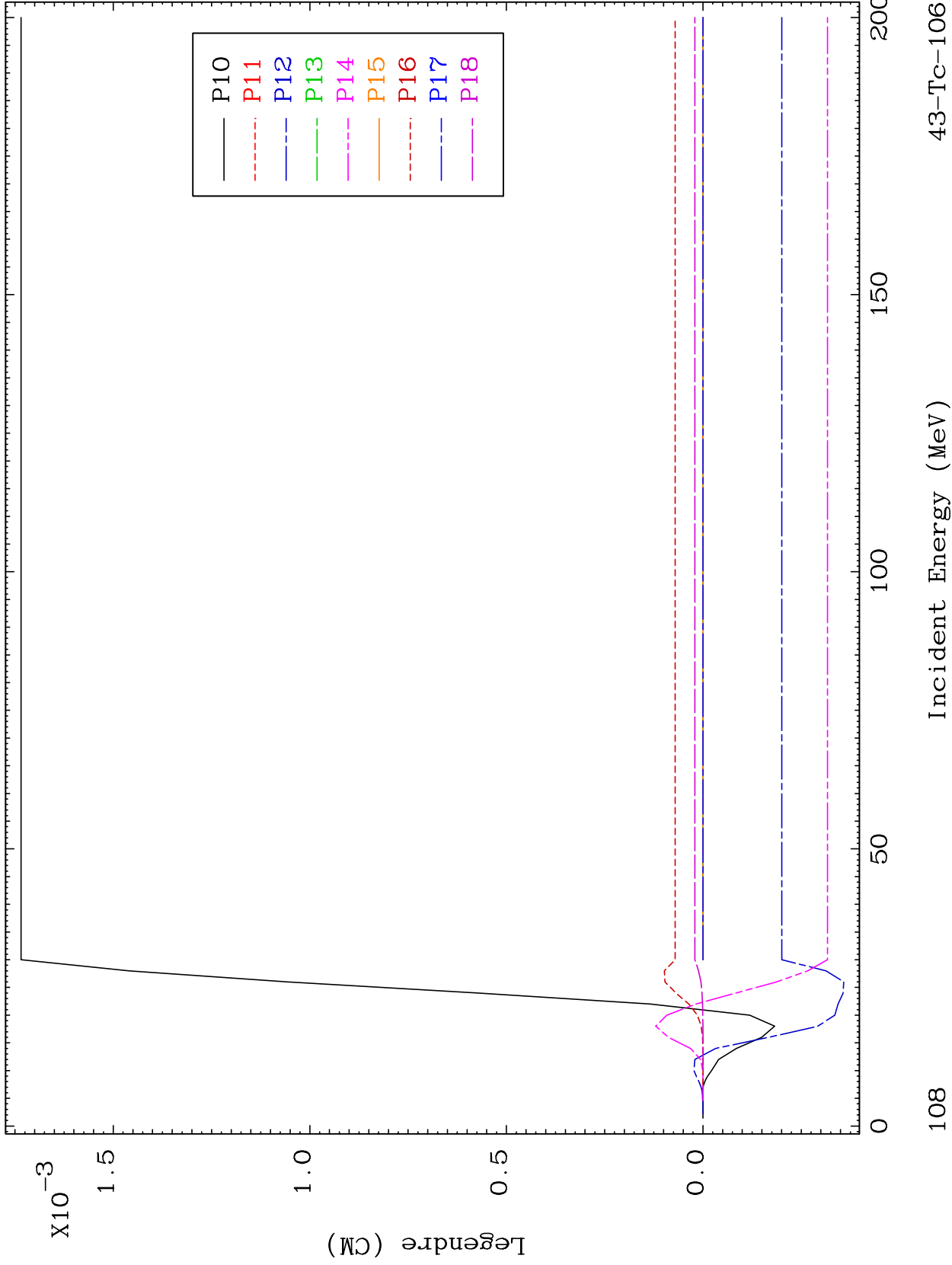
Incident Energy (MeV)

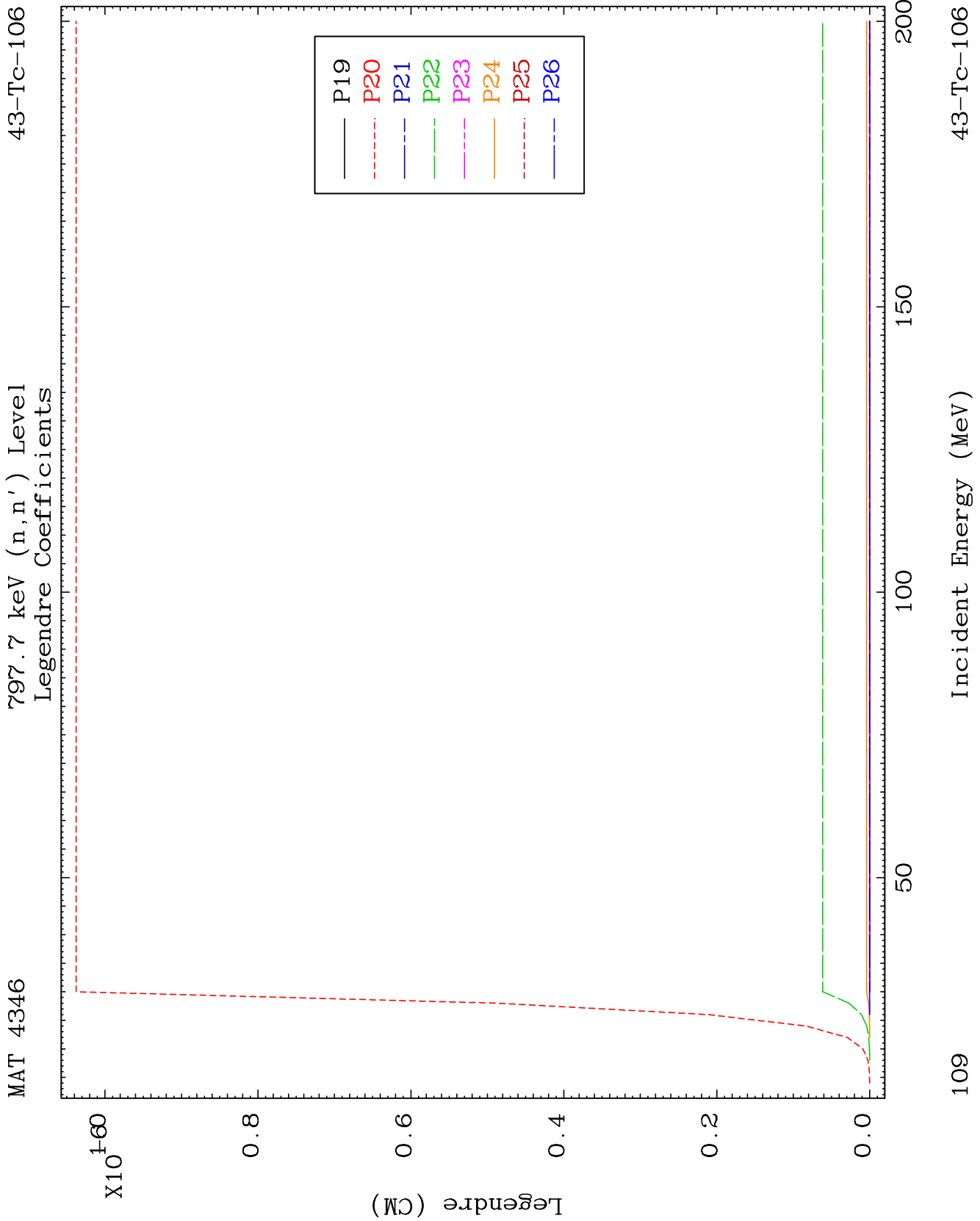
107

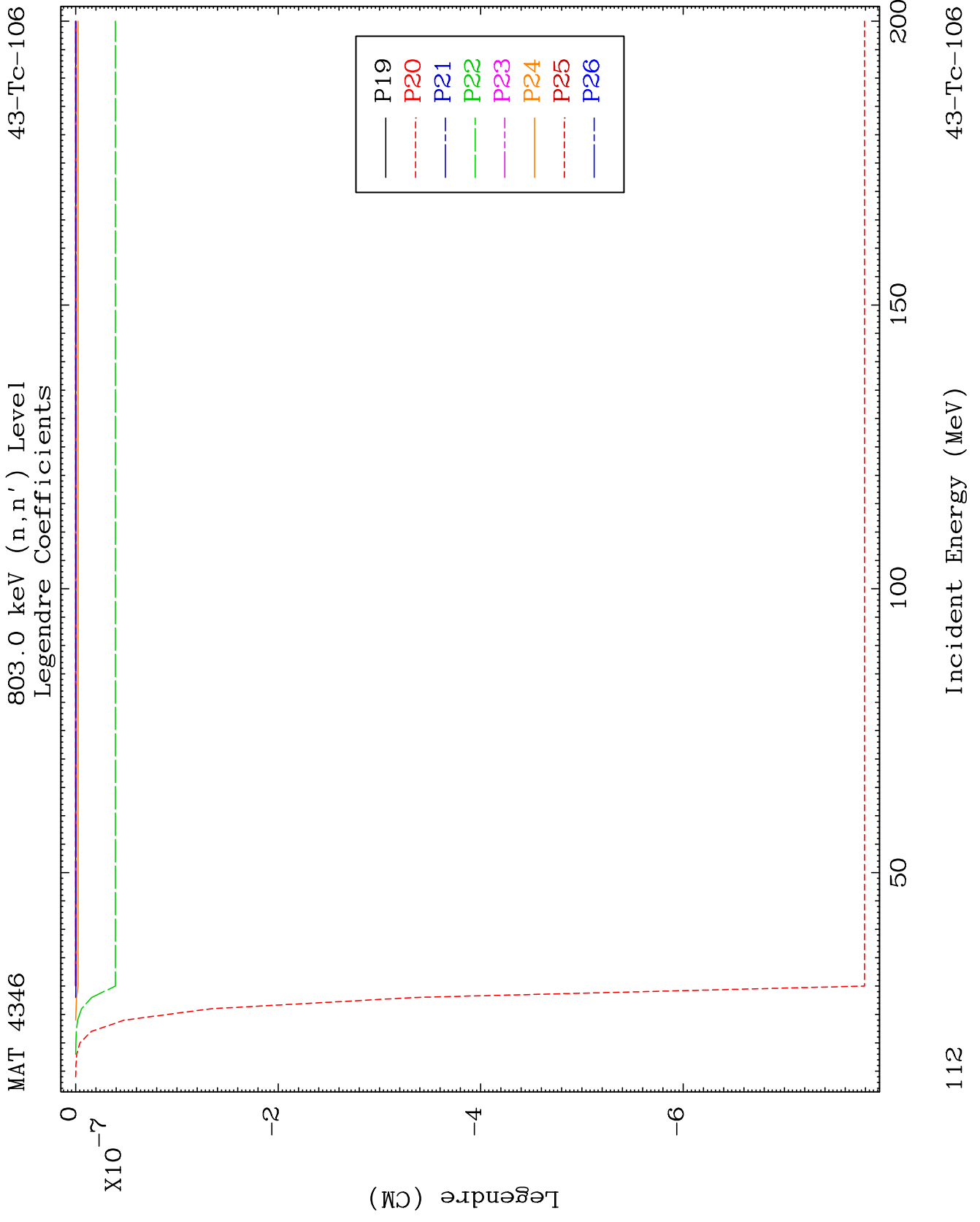
MAT 4346

797.7 keV (n,n') Level
Legendre Coefficients

43-Tc-106



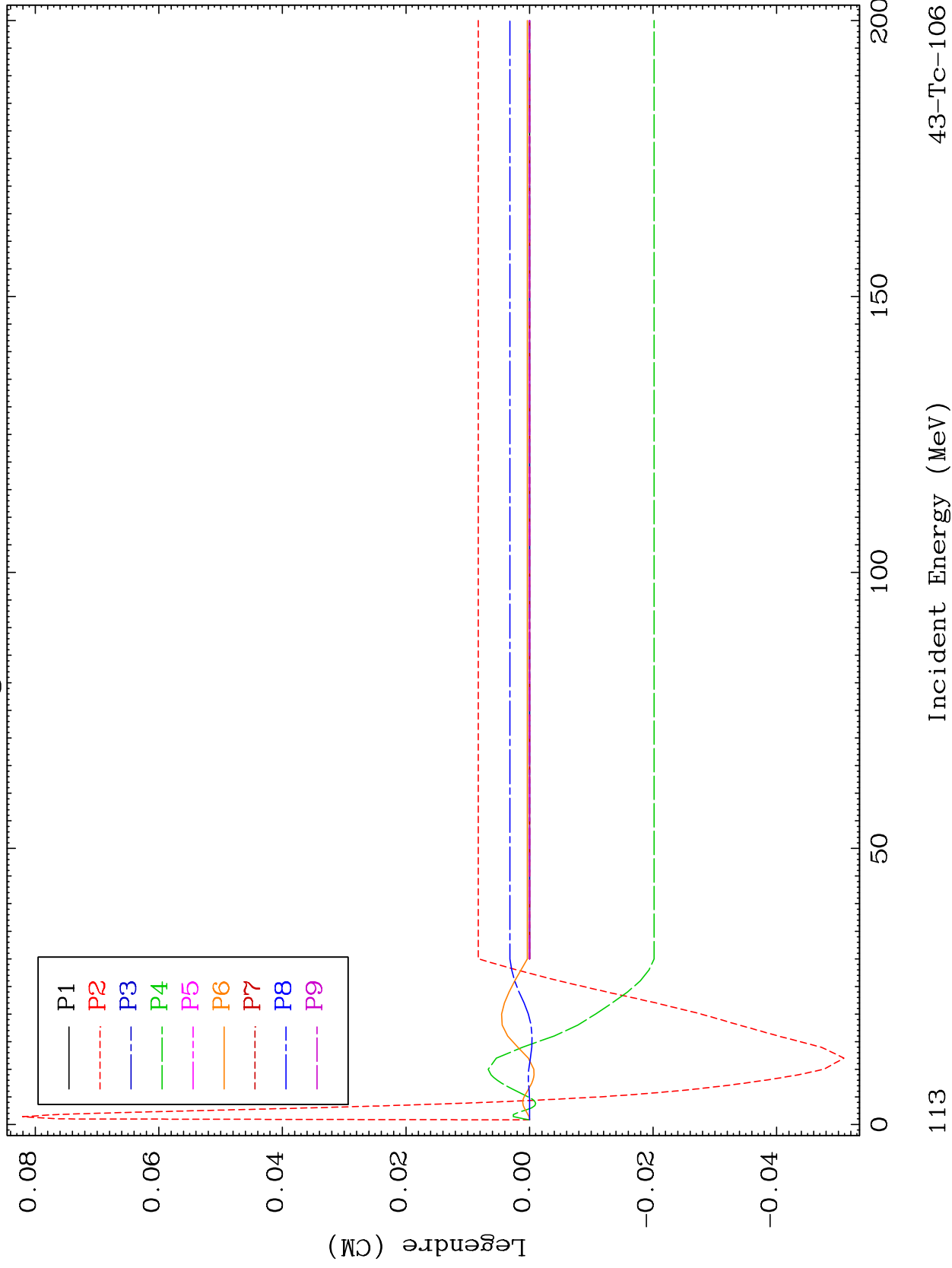




MAT 4346

810.0 keV (n,n') Level
Legendre Coefficients

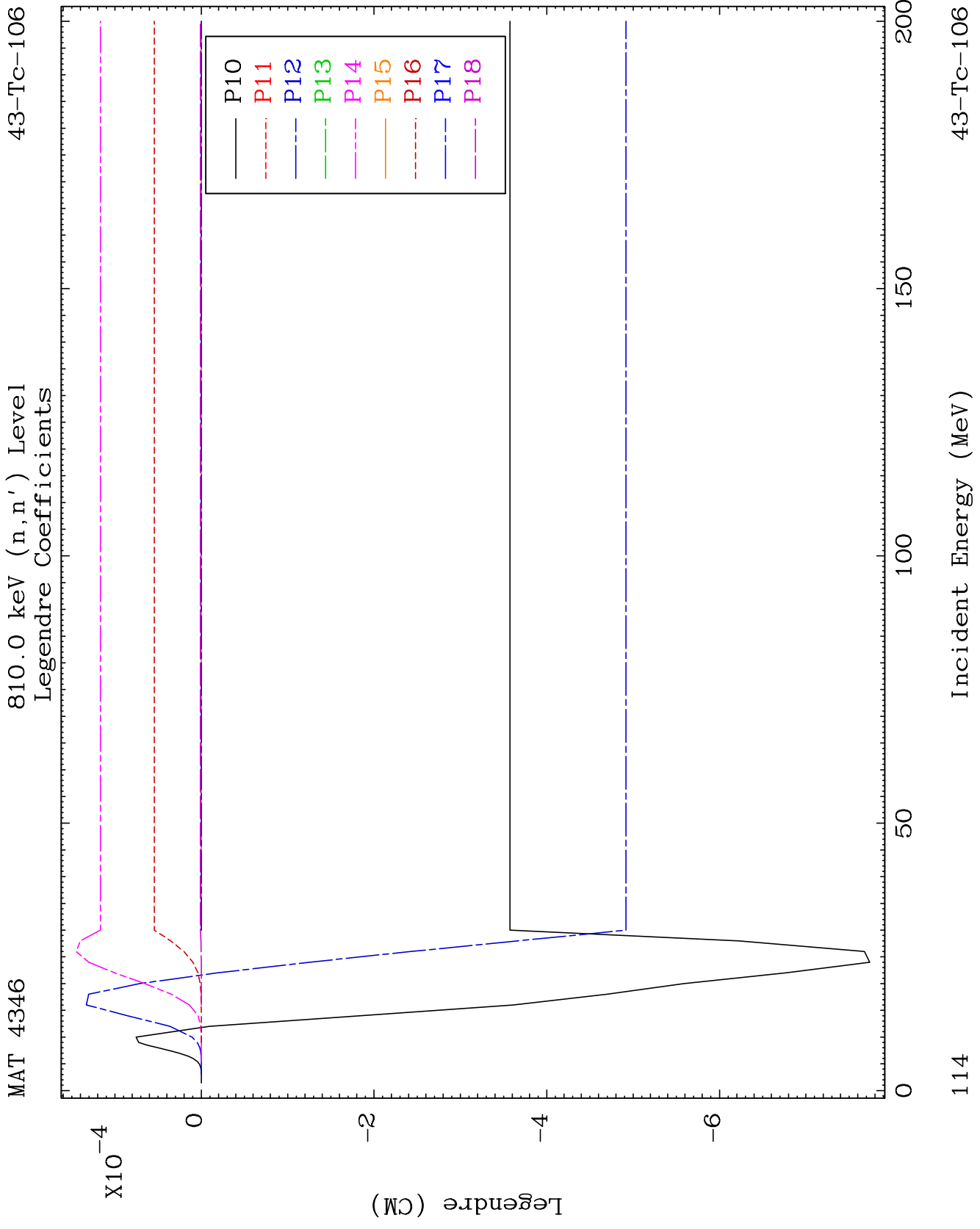
43-Tc-106

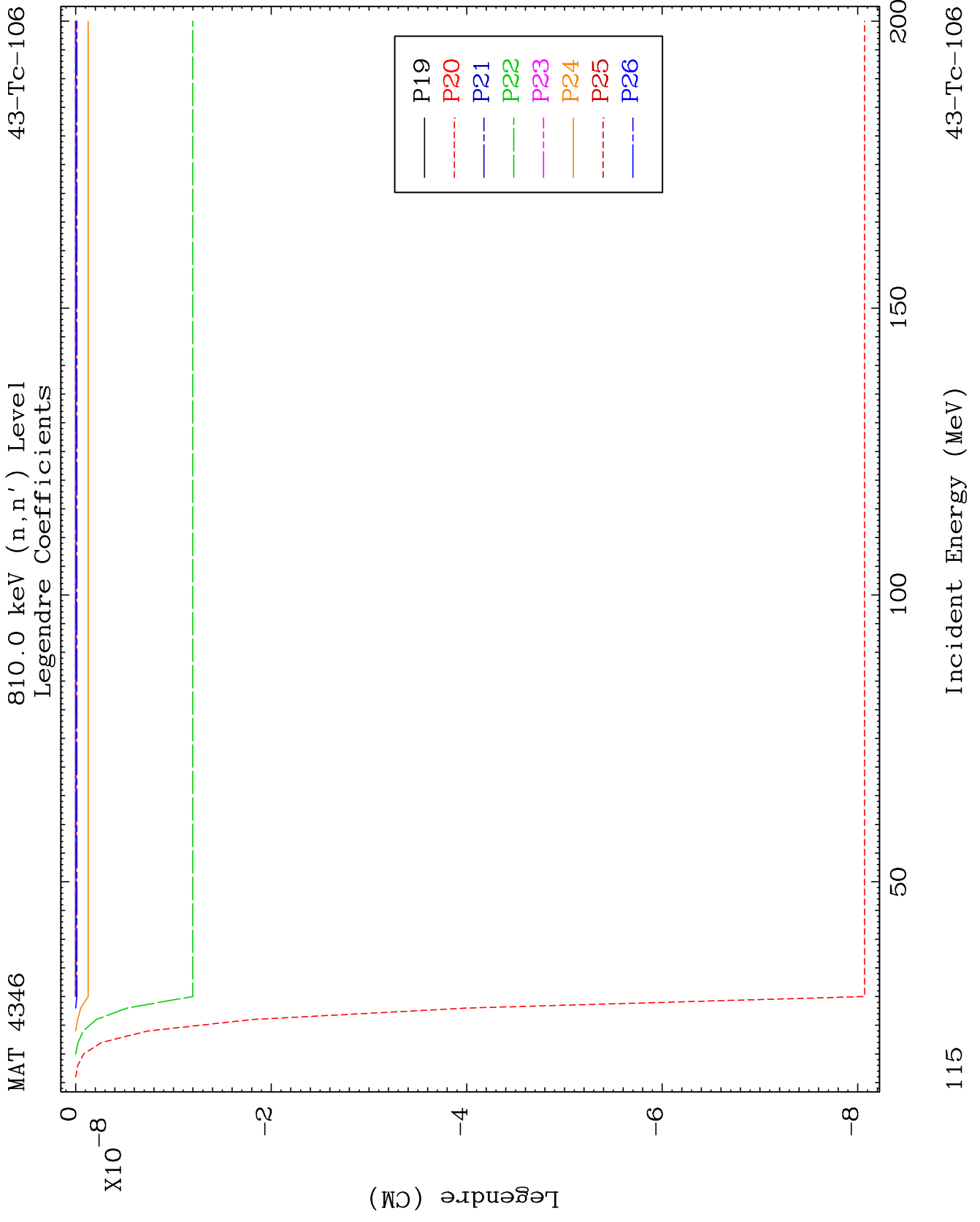


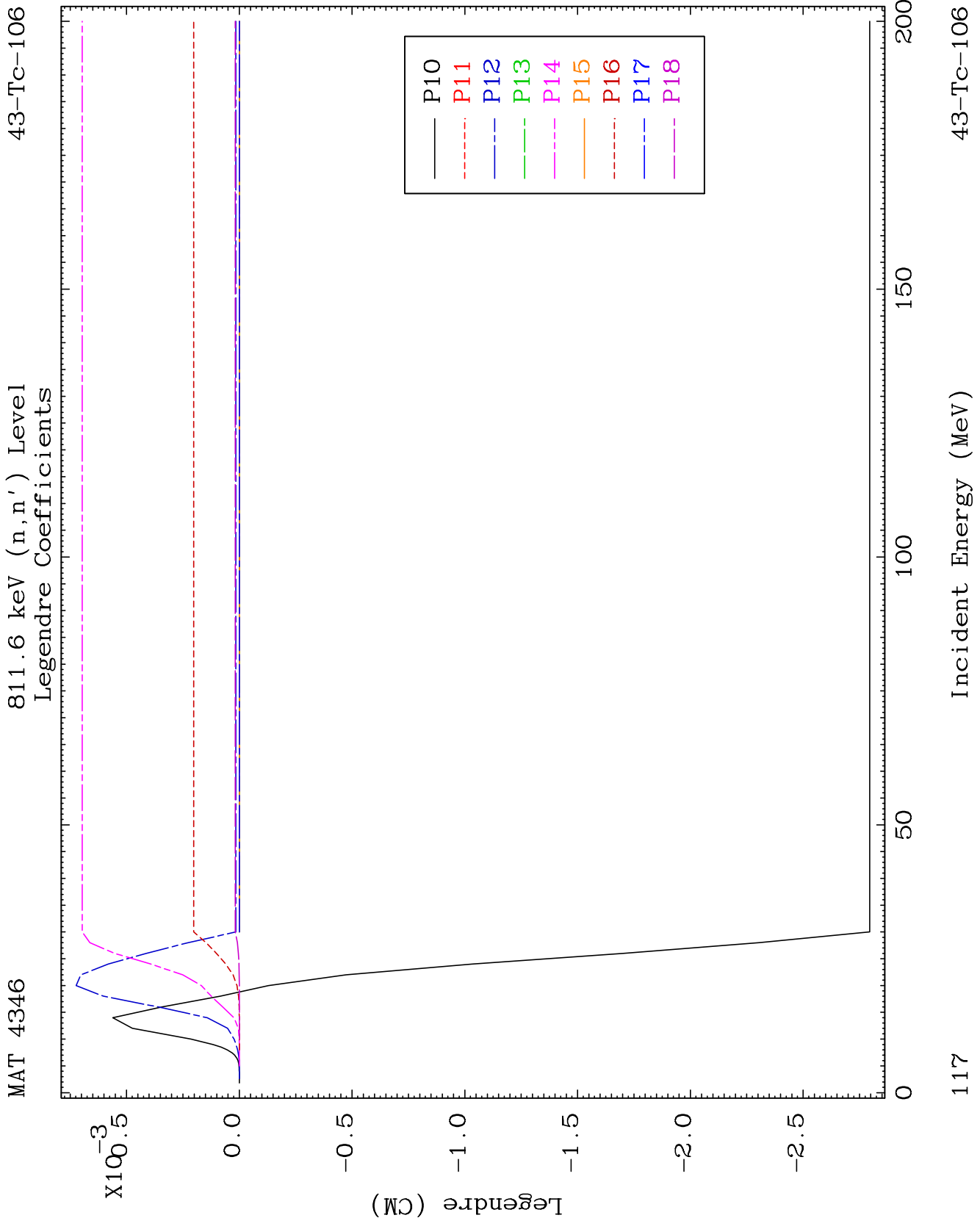
113

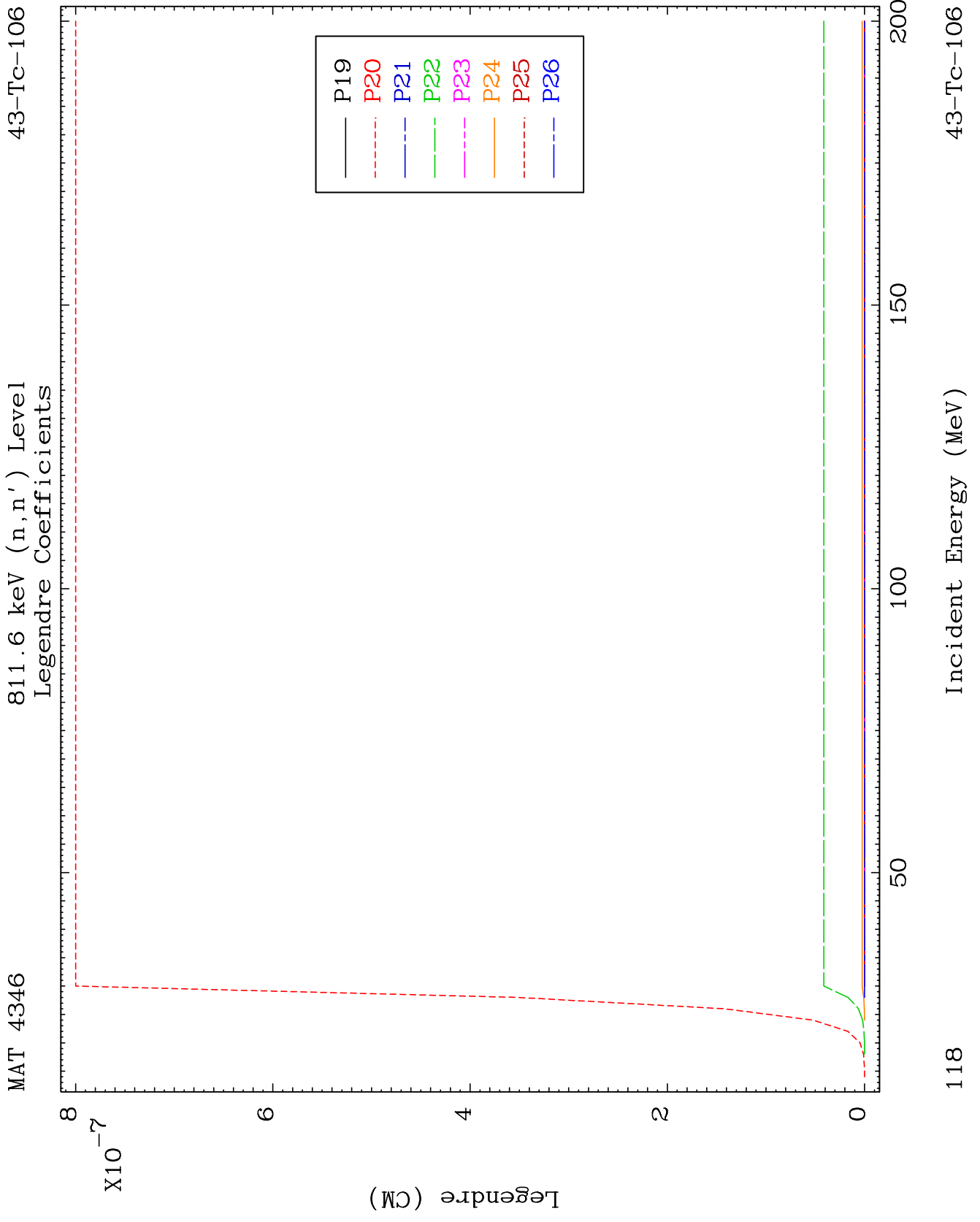
Incident Energy (MeV)

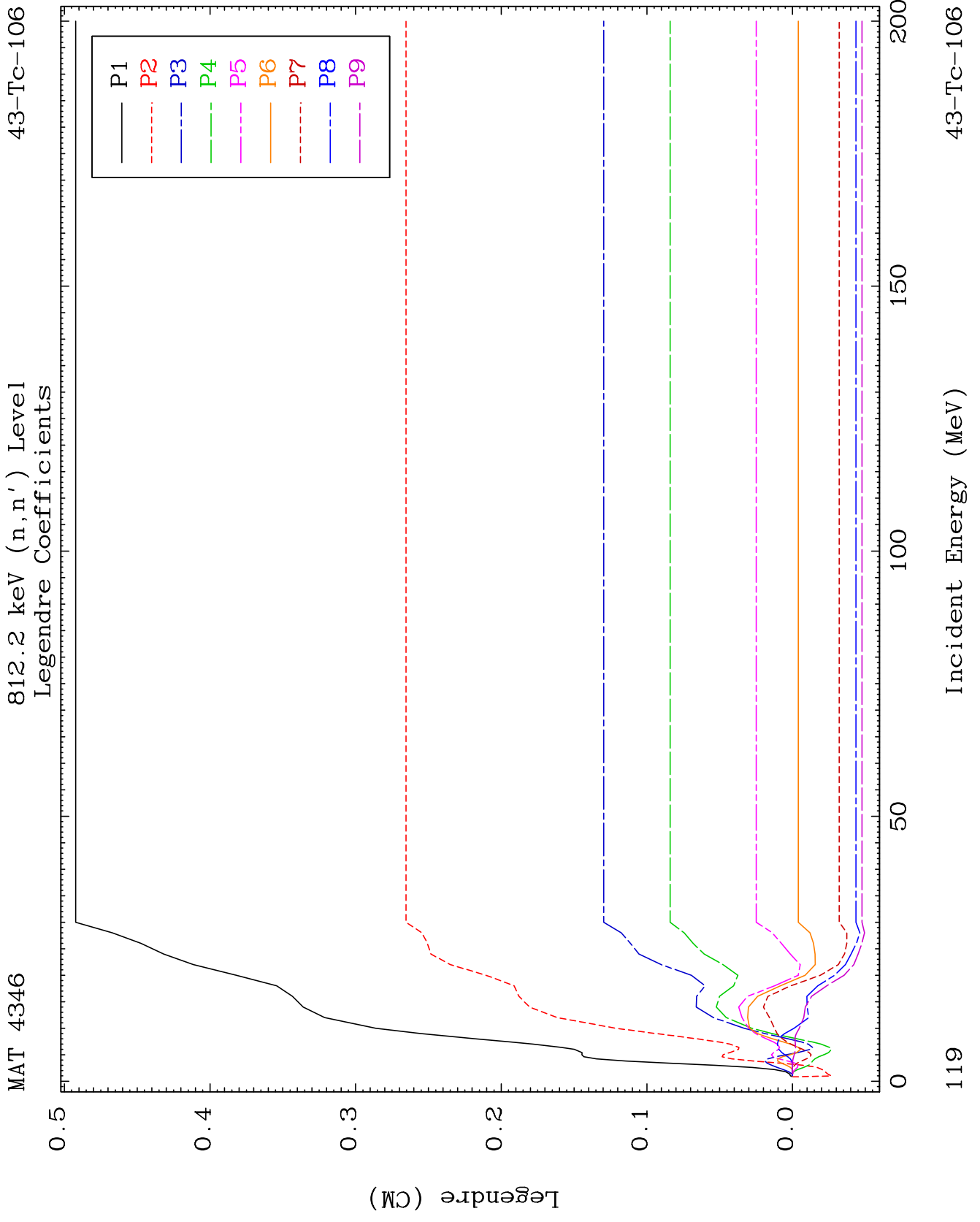
43-Tc-106

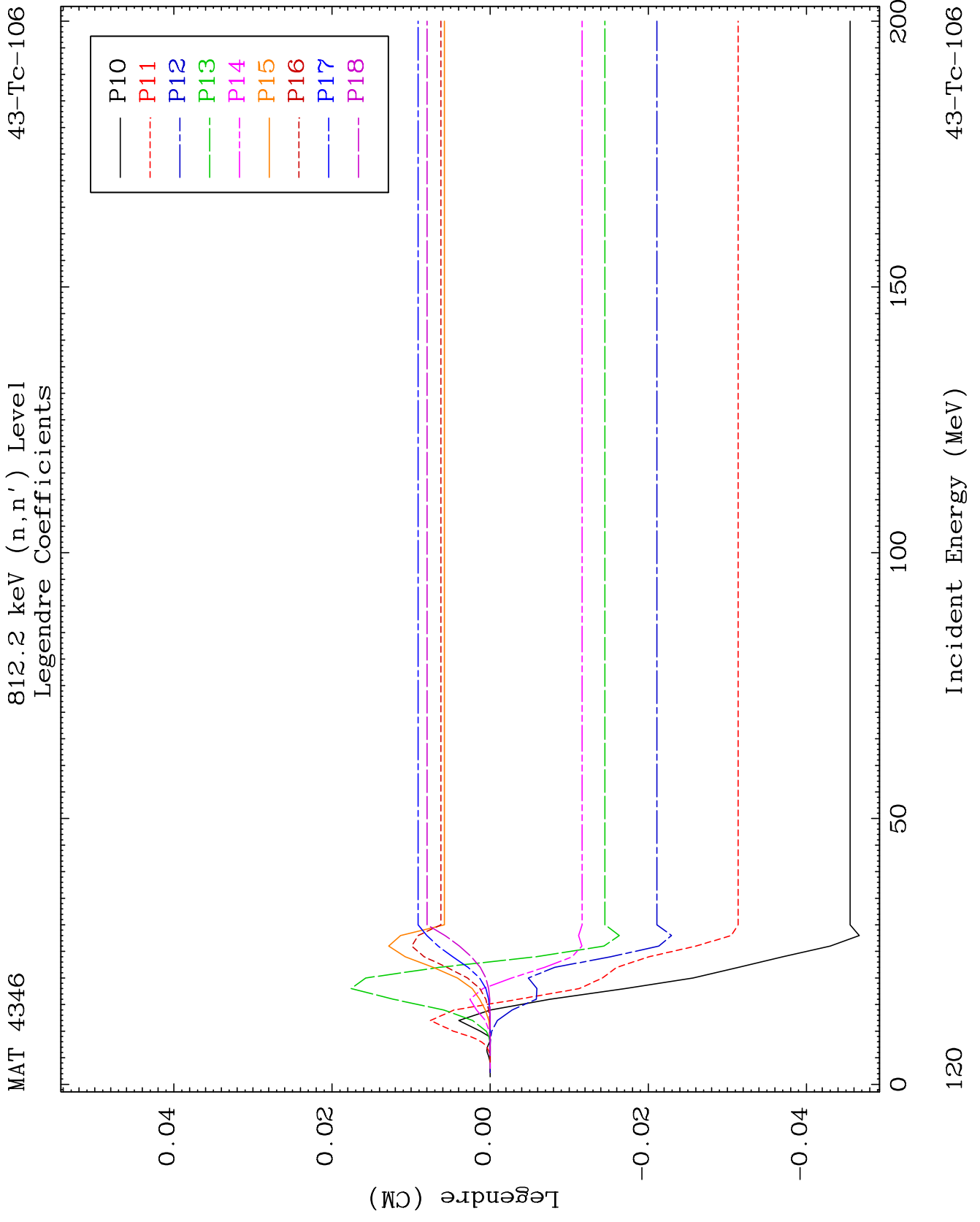


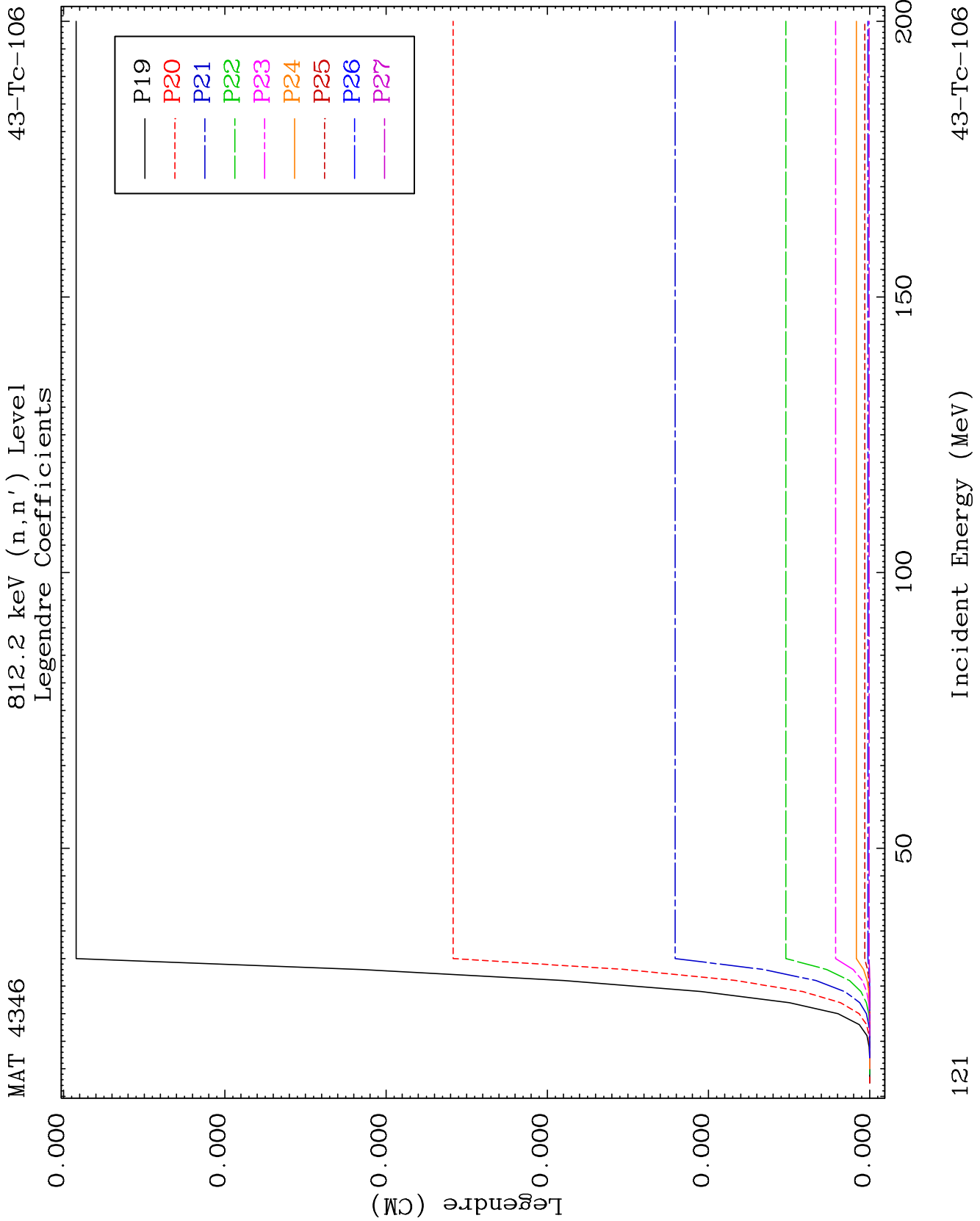








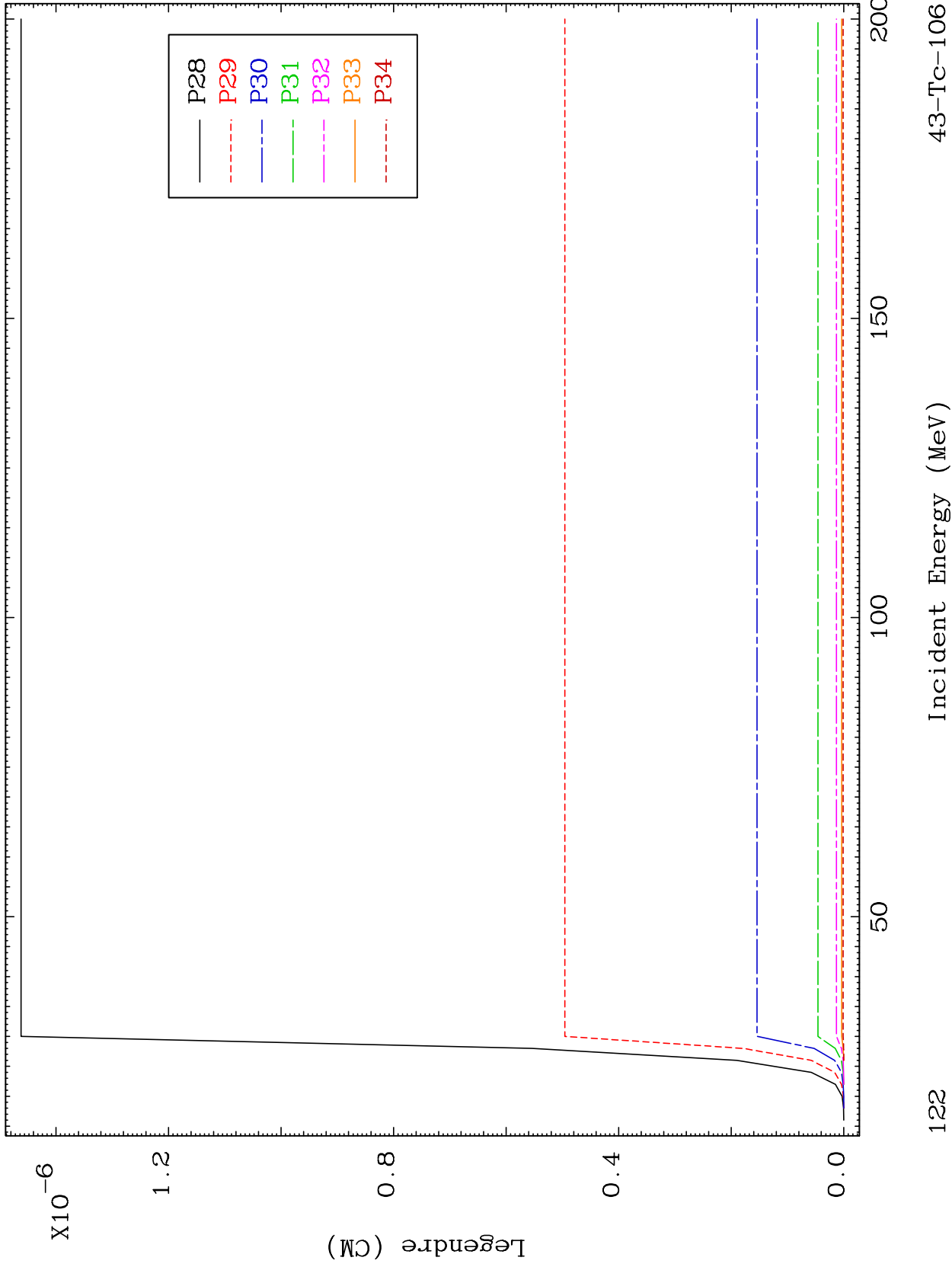




MAT 4346

812.2 keV (n, n') Level
Legendre Coefficients

43-Tc-106



122

Incident Energy (MeV)

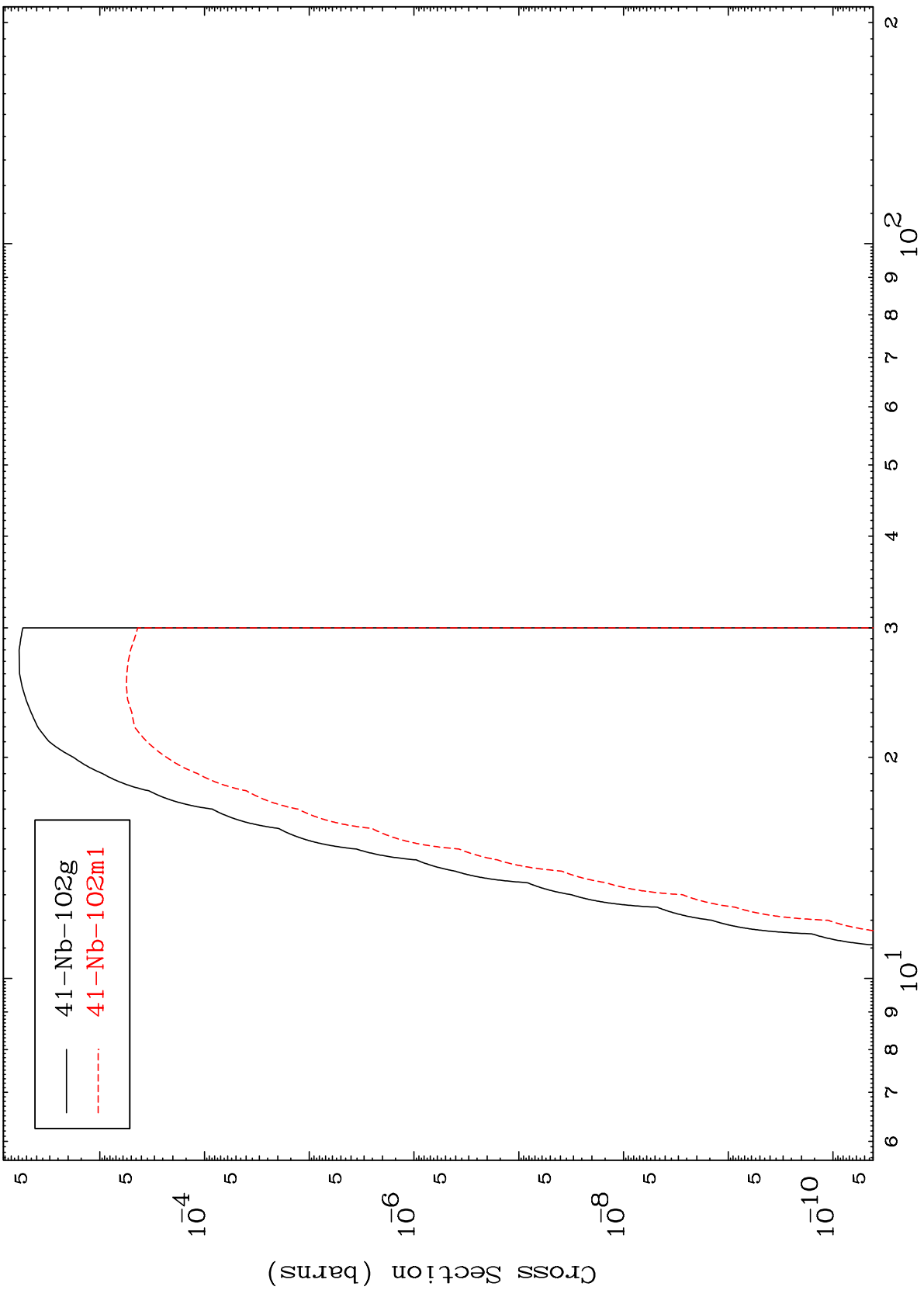
43-Tc-106

MAT 4346

(n,n') α

43-Tc-106

Radionuclide Production Cross Section



Legend:
— 41-Nb-102g
- - - 41-Nb-102m1

123

Incident Energy (MeV)

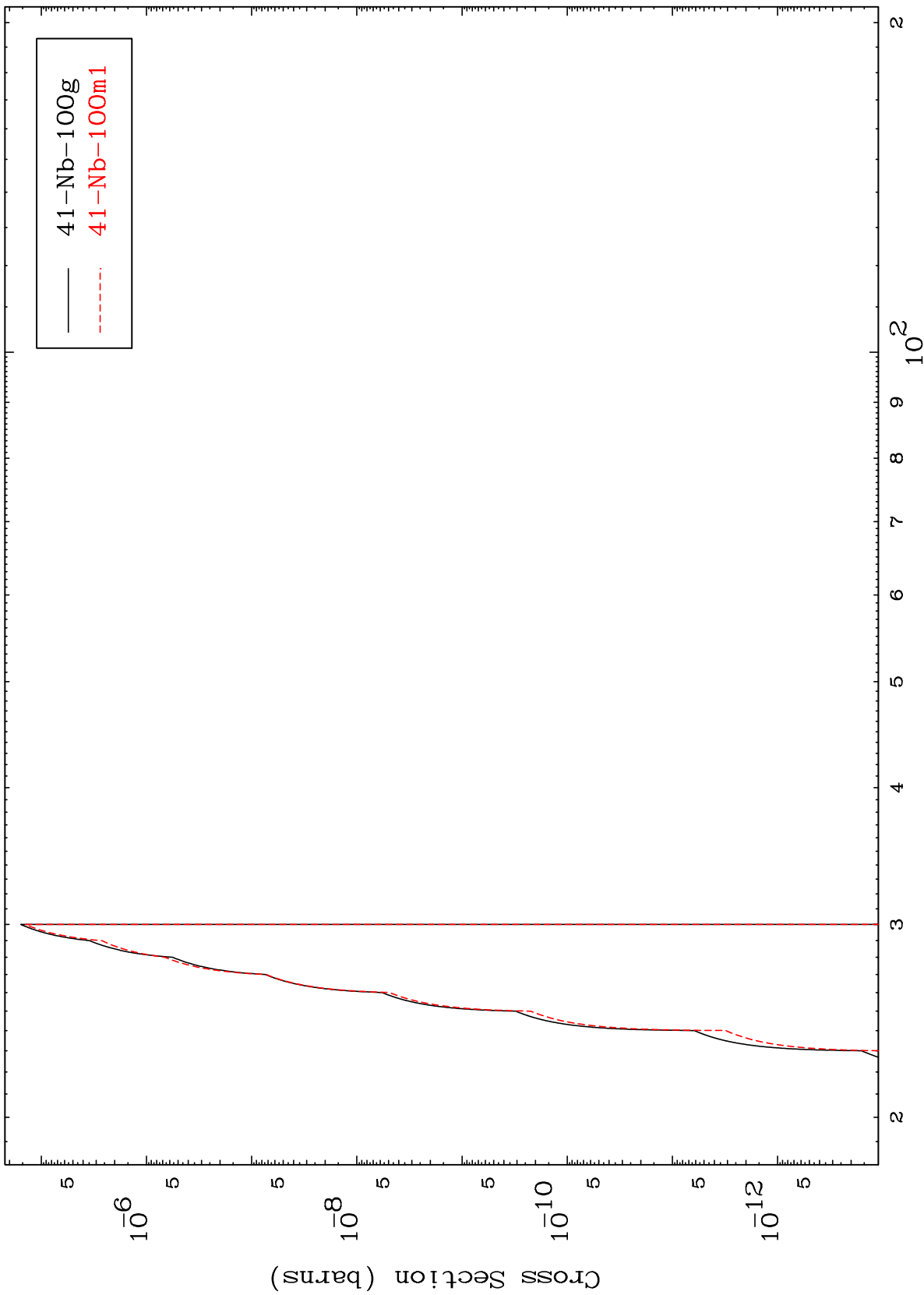
43-Tc-106

MAT 4346

(n,3n) α

43-Tc-106

Radionuclide Production Cross Section



124

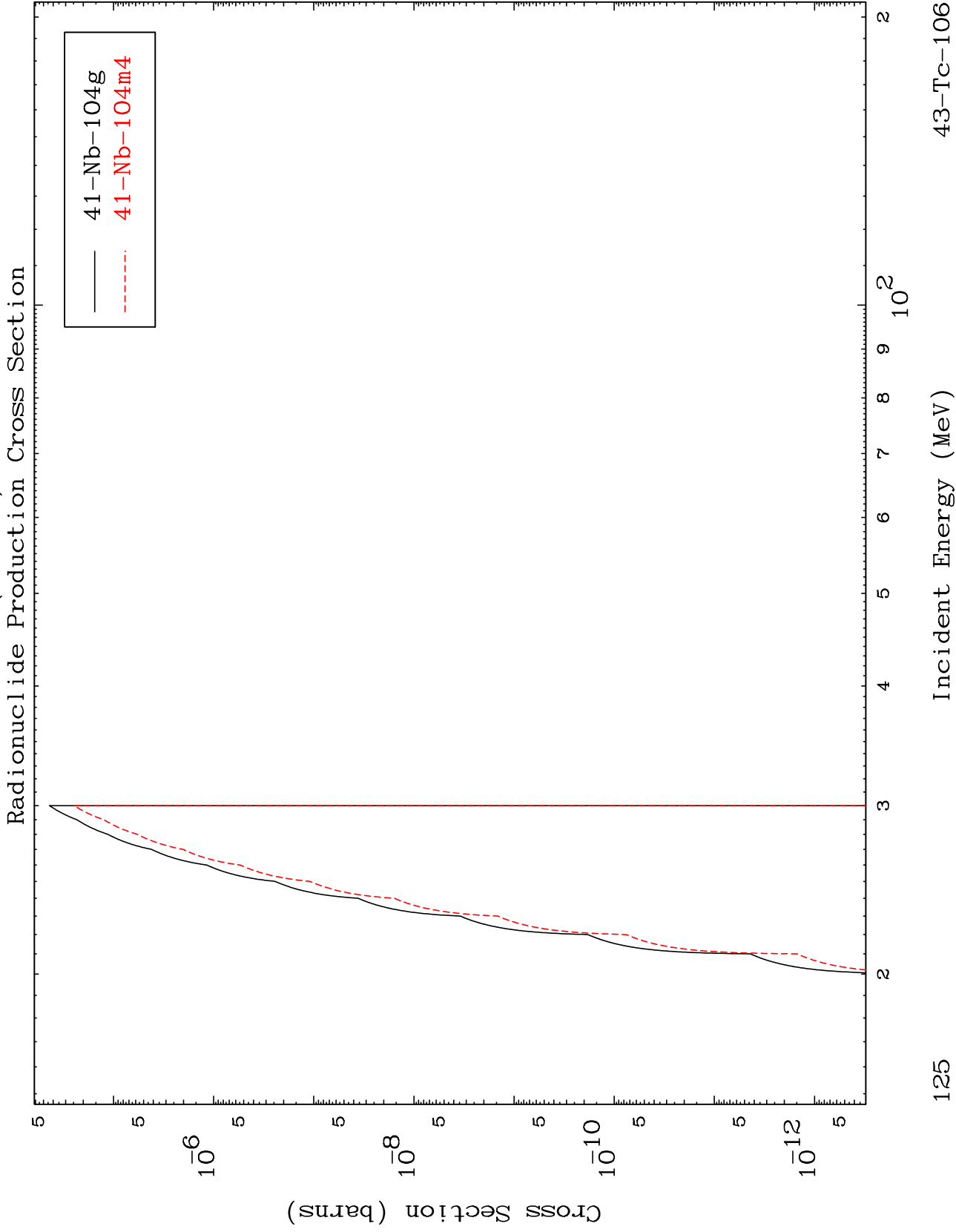
Incident Energy (MeV)

43-Tc-106

MAT 4346

(n,He-3)

43-Tc-106



125

Incident Energy (MeV)

43-Tc-106