

Program EVALPLOT
(Version 2015-2)

by

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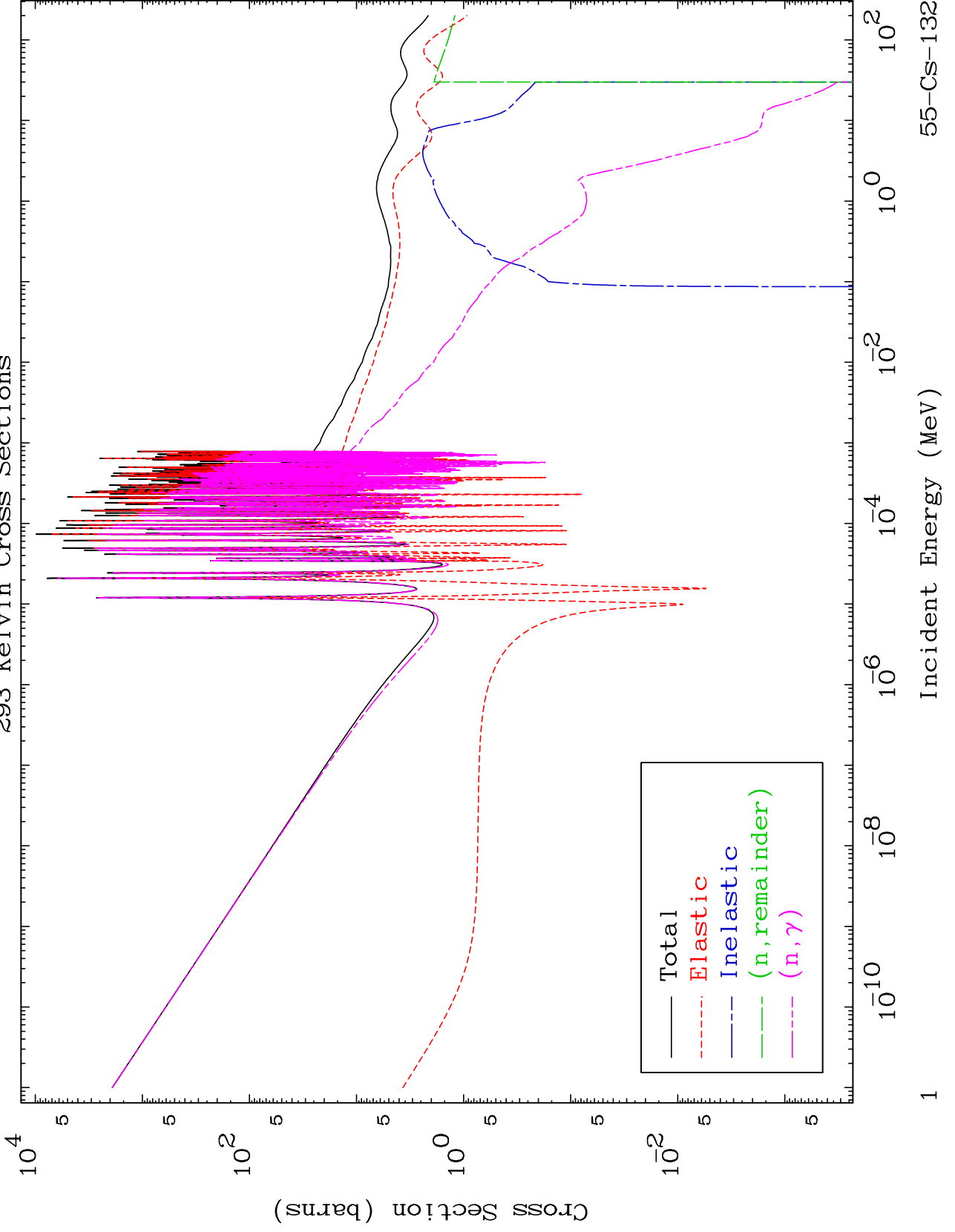
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5522

Major
293 Kelvin Cross Sections

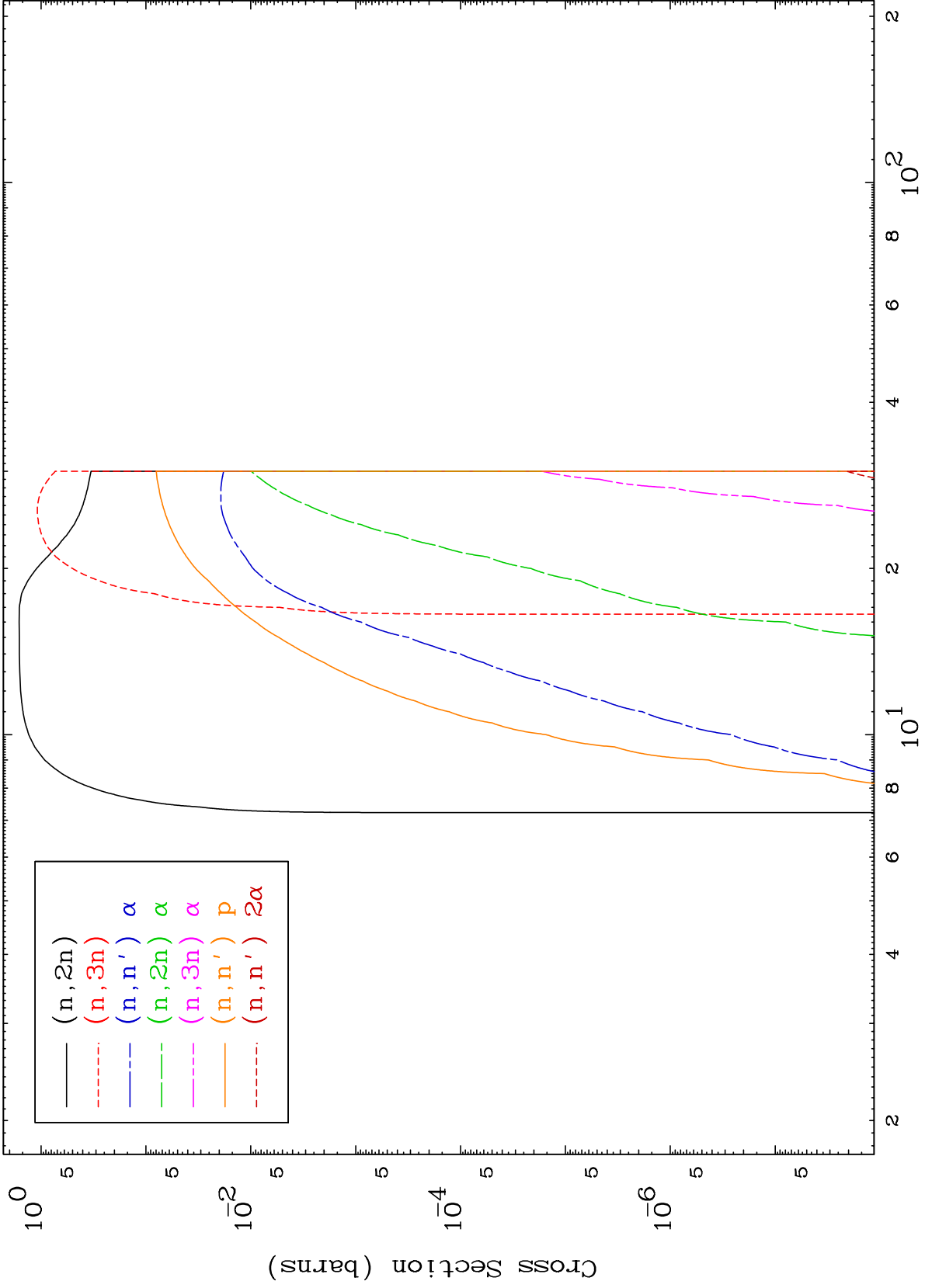
55-Cs-132



MAT 5522

Neutron Production
293 Kelvin Cross Sections

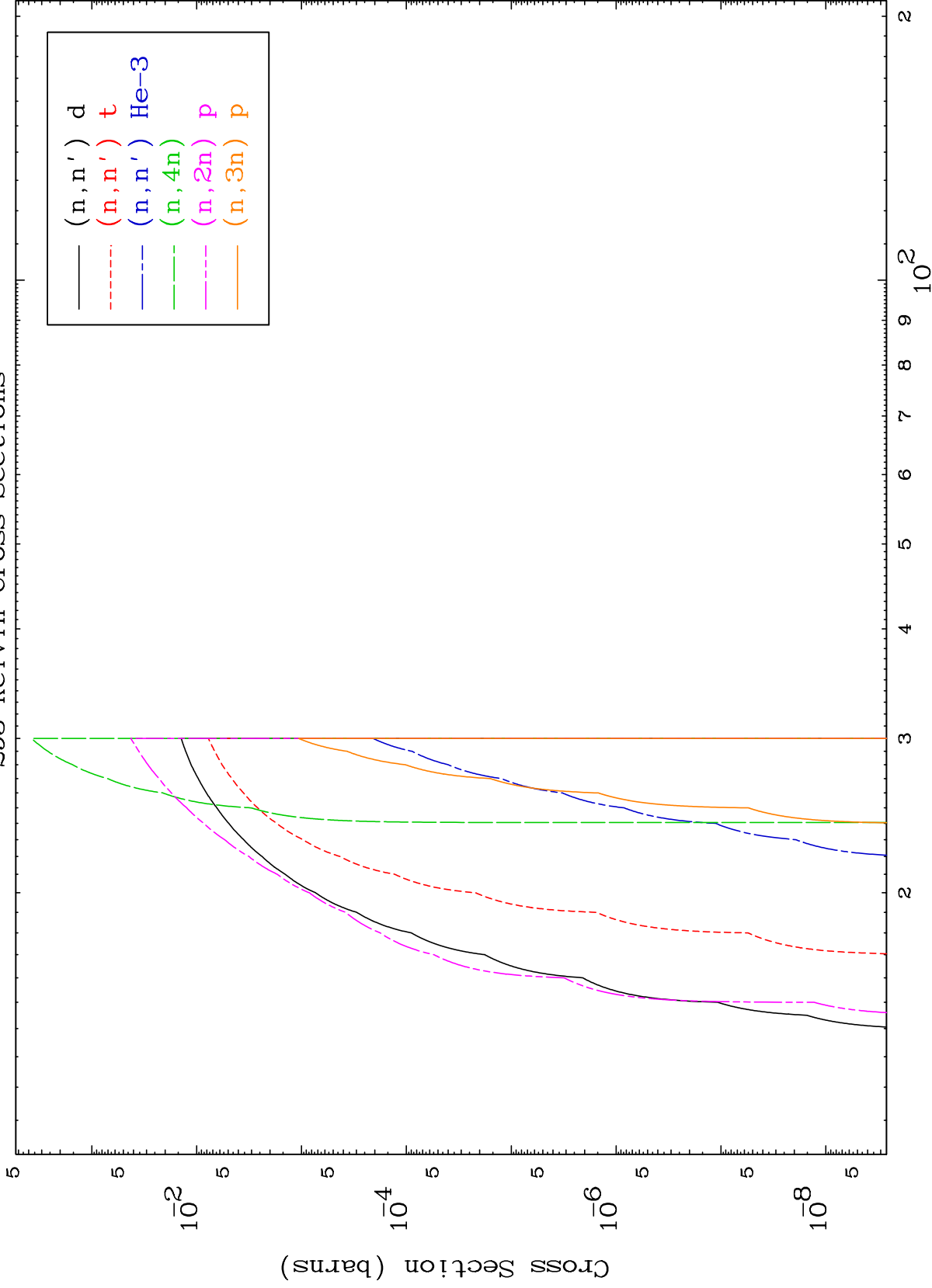
55-Cs-132



55-Cs-132

Incident Energy (MeV)

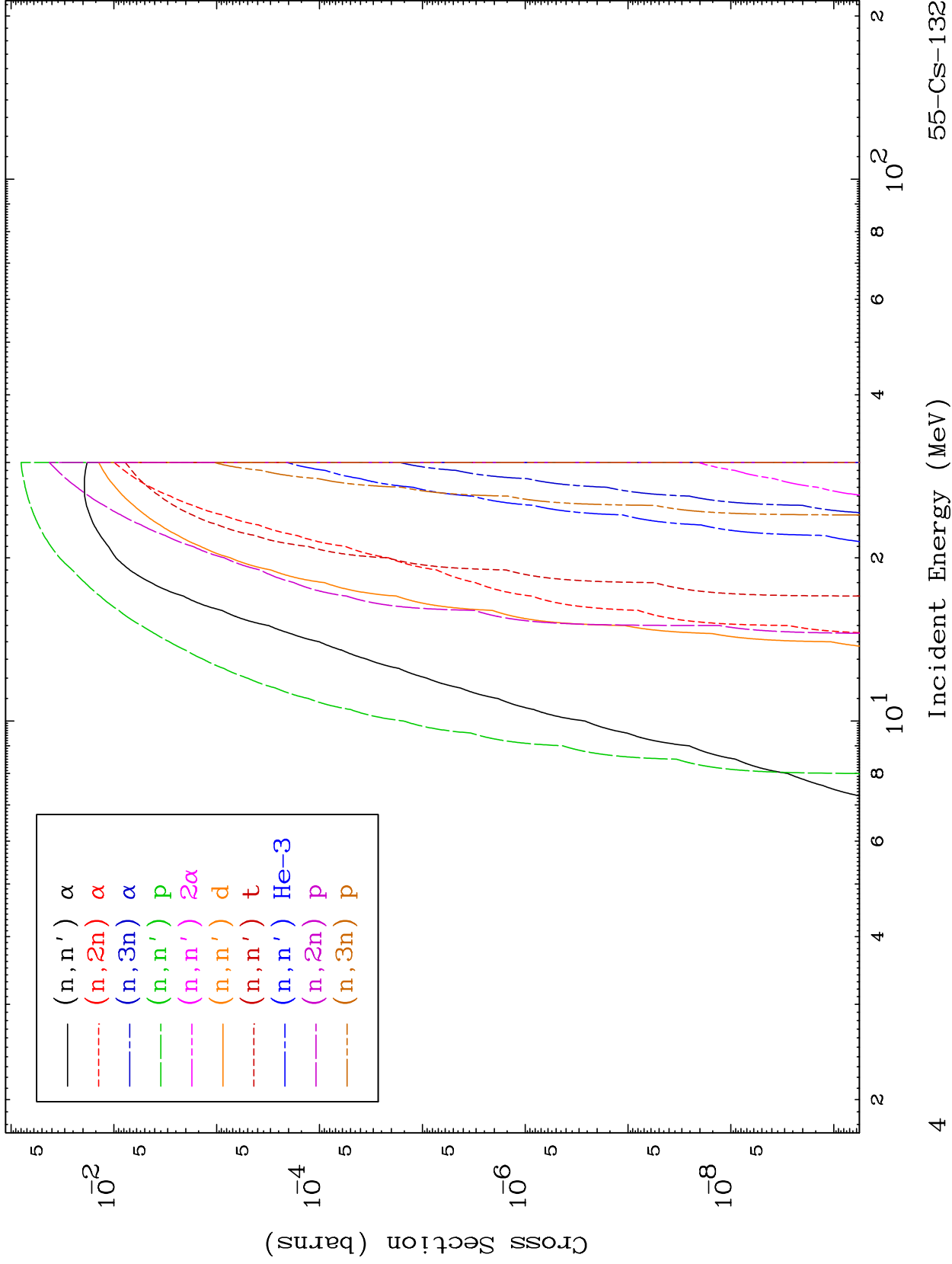
2



MAT 55222

Charged Particle
293 Kelvin Cross Sections

55-Cs-132



4

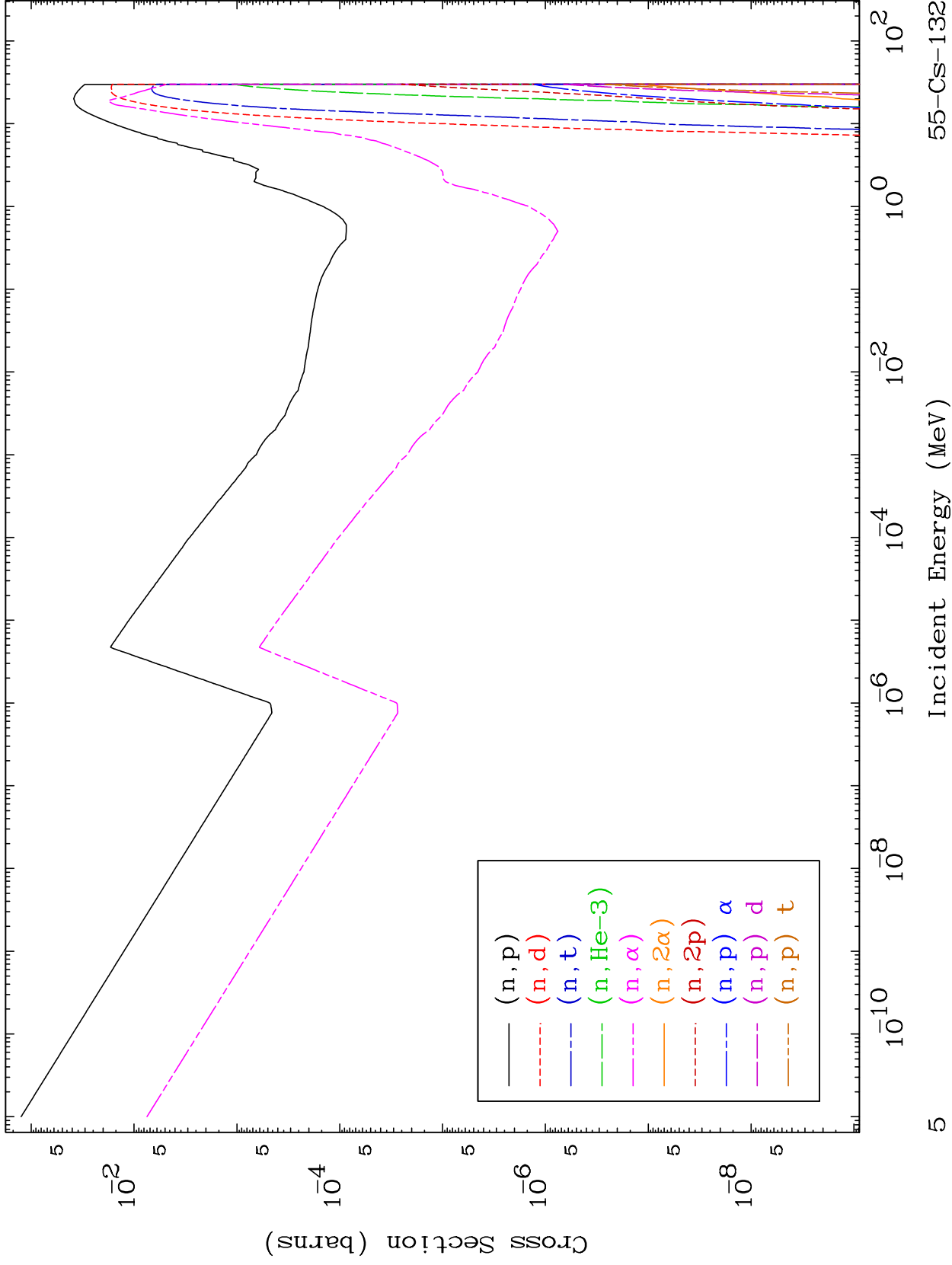
Incident Energy (MeV)

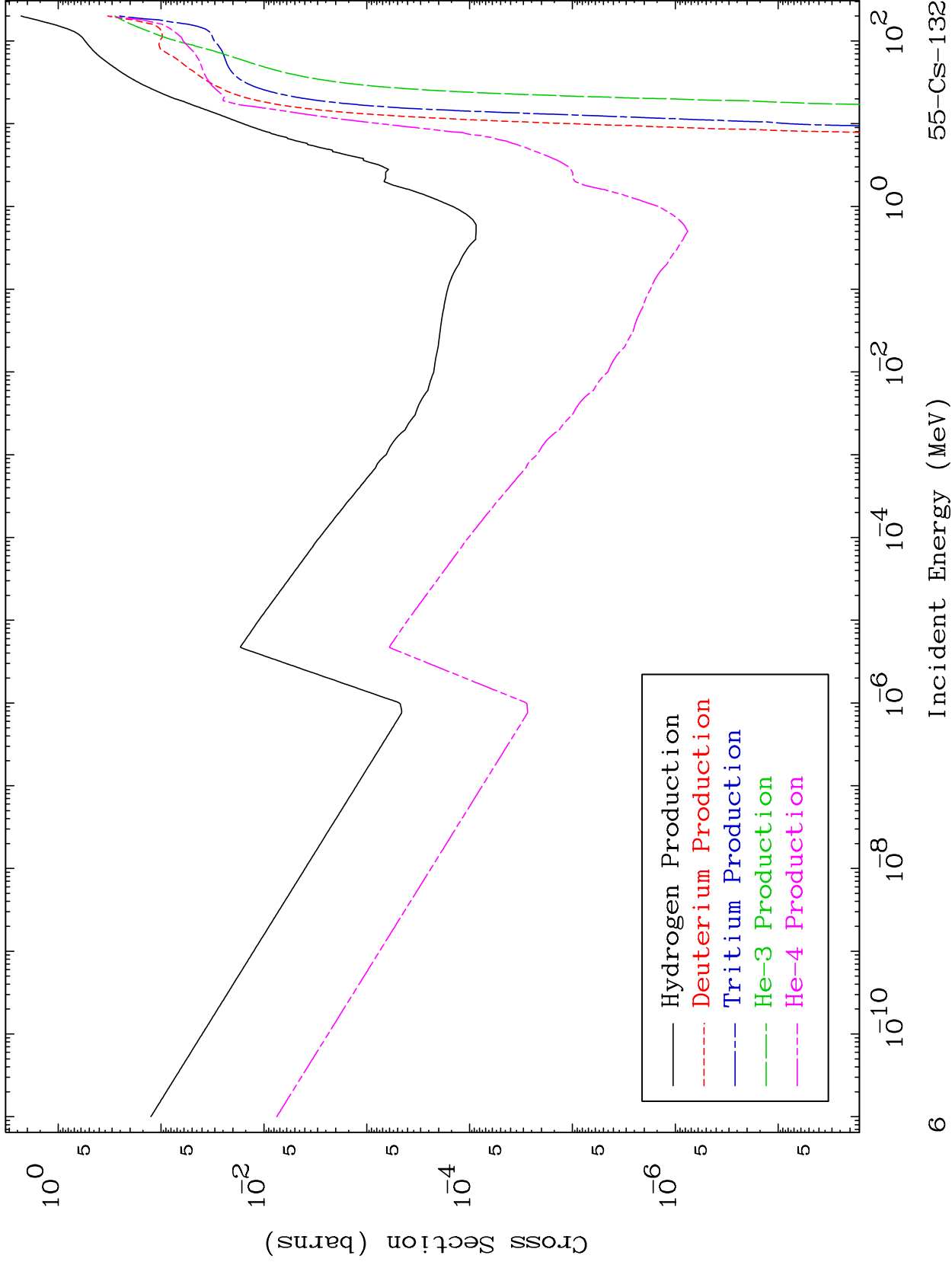
55-Cs-132

MAT 5522

Charged Particle
293 Kelvin Cross Sections

55-Cs-132

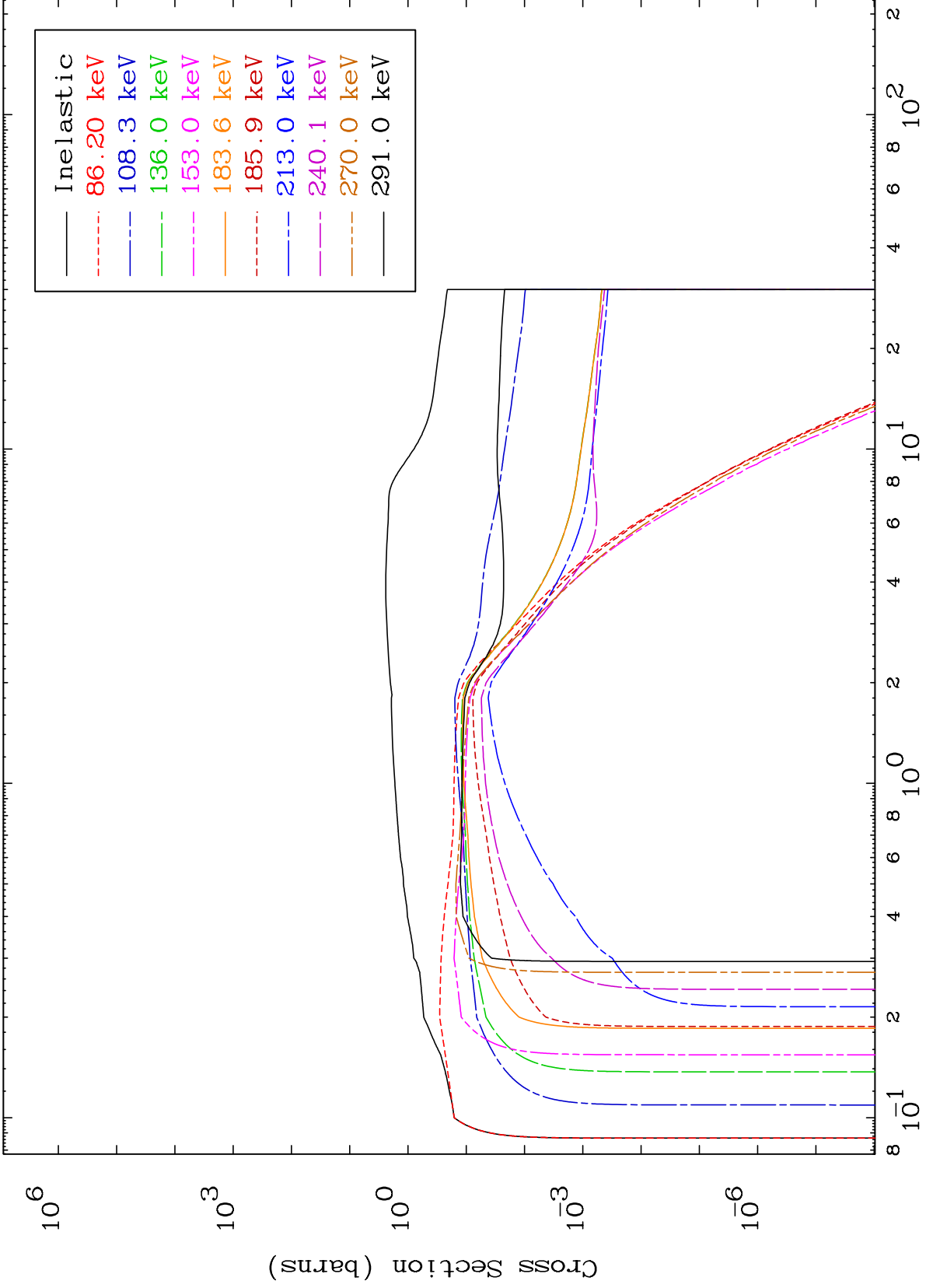


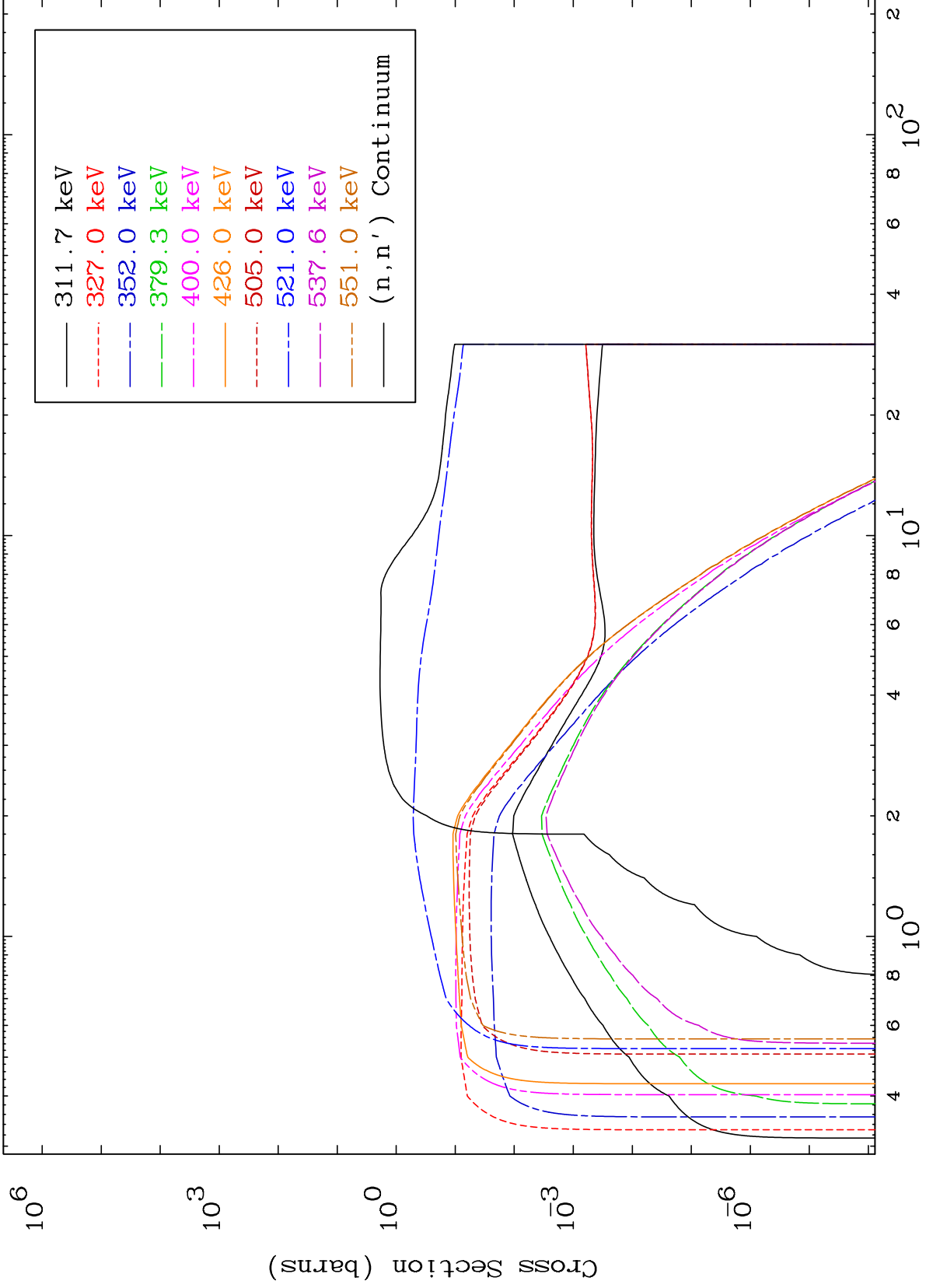


MAT 5522

(n,n') Level
293 Kelvin Cross Sections

55-Cs-132

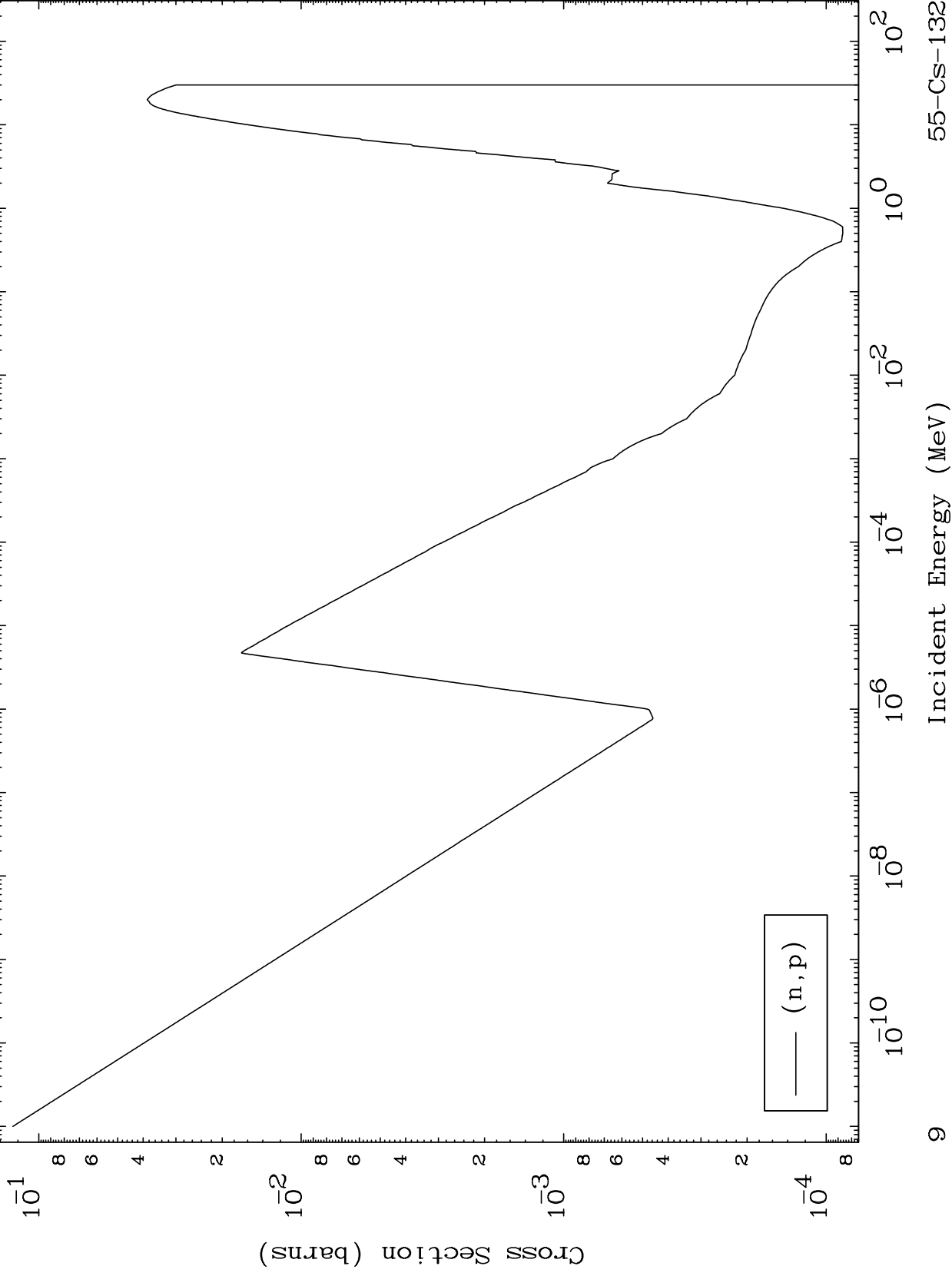




MAT 5522

(n,p) Levels
293 Kelvin Cross Sections

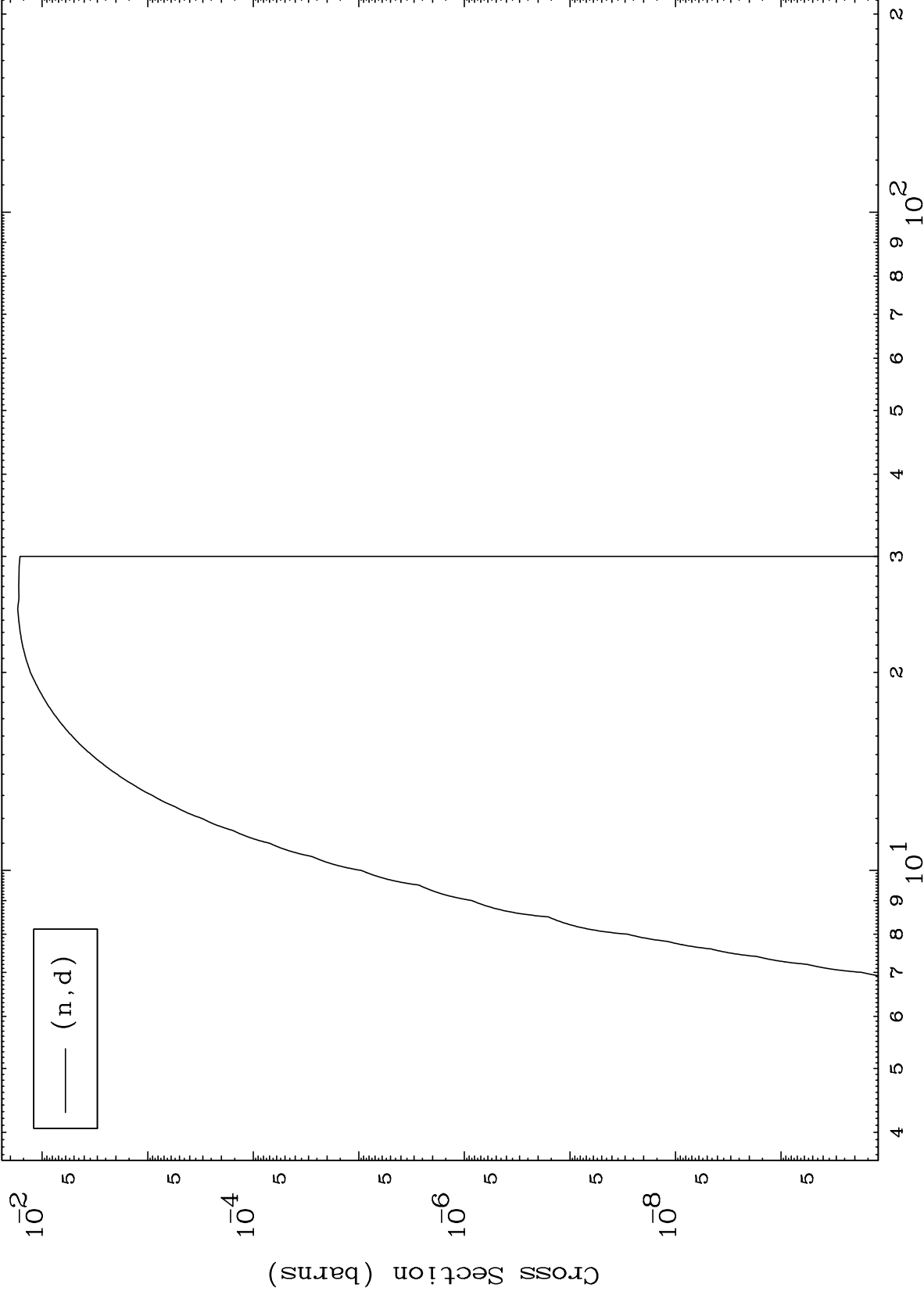
55-Cs-132



MAT 5522

(n,d) Levels
293 Kelvin Cross Sections

55-Cs-132



10

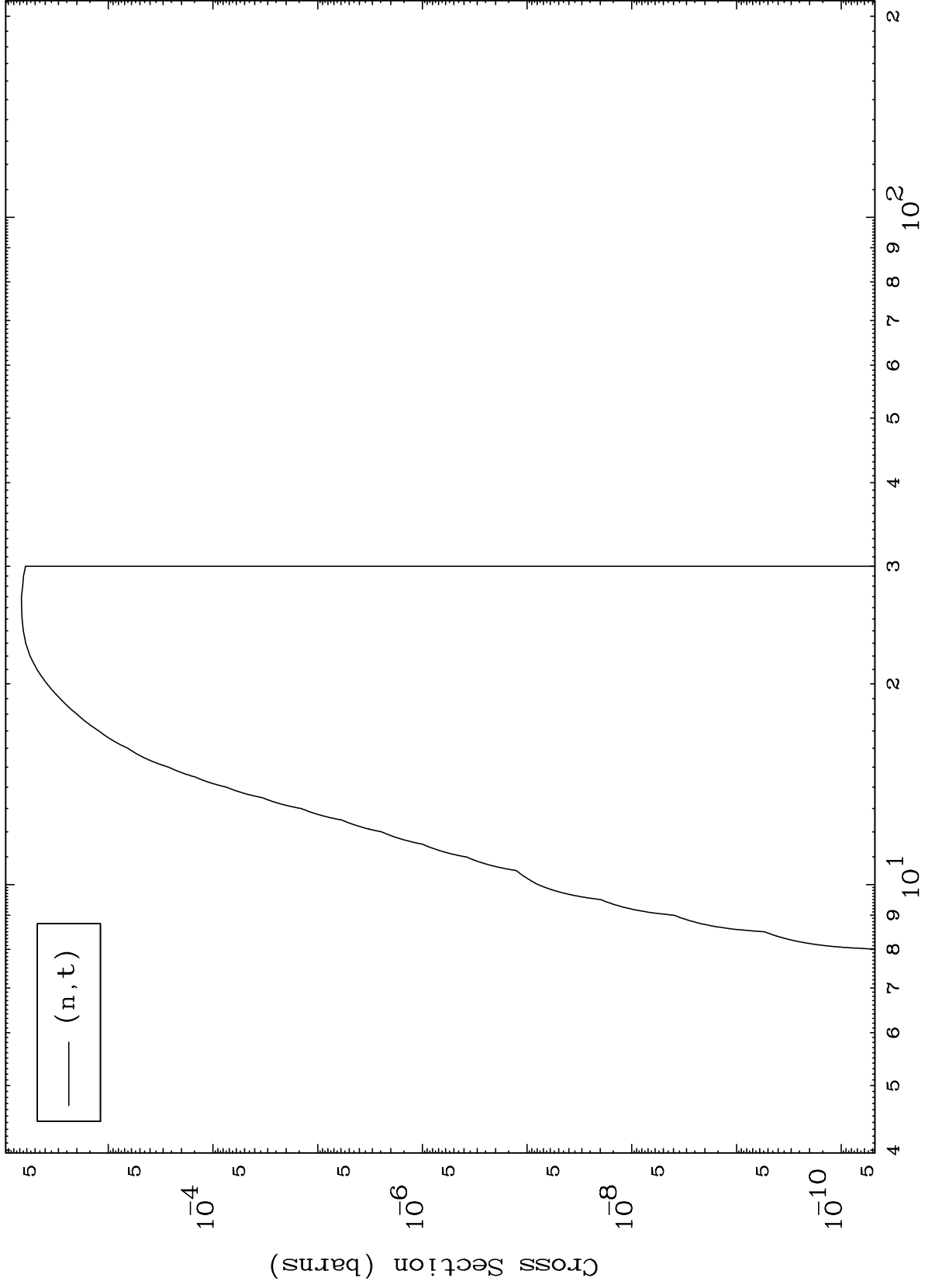
Incident Energy (MeV)

55-Cs-132

MAT 5522

(n,t) Levels
293 Kelvin Cross Sections

55-Cs-132



11

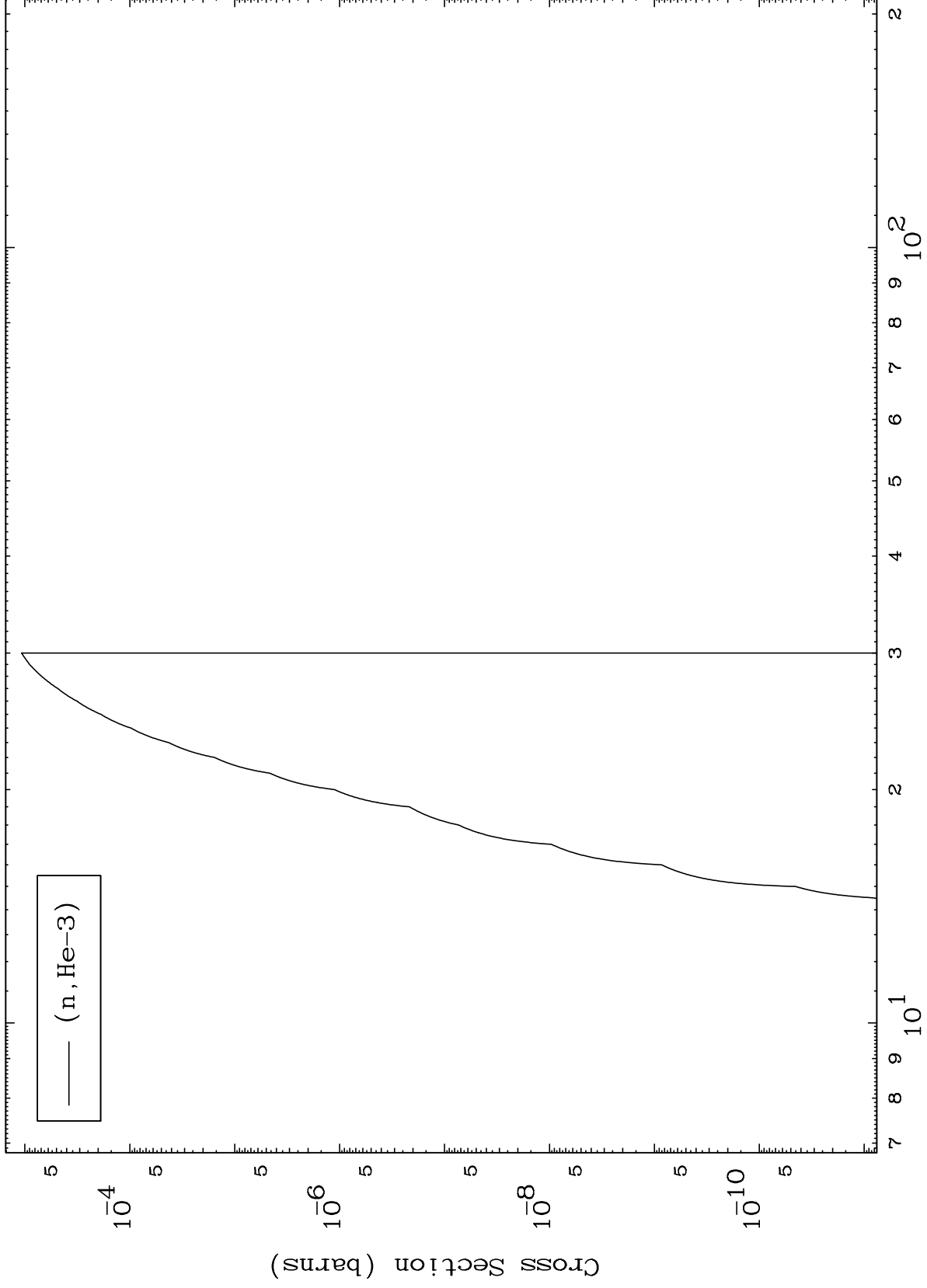
Incident Energy (MeV)

55-Cs-132

MAT 5522

(n,He3) Levels
293 Kelvin Cross Sections

55-Cs-132



12

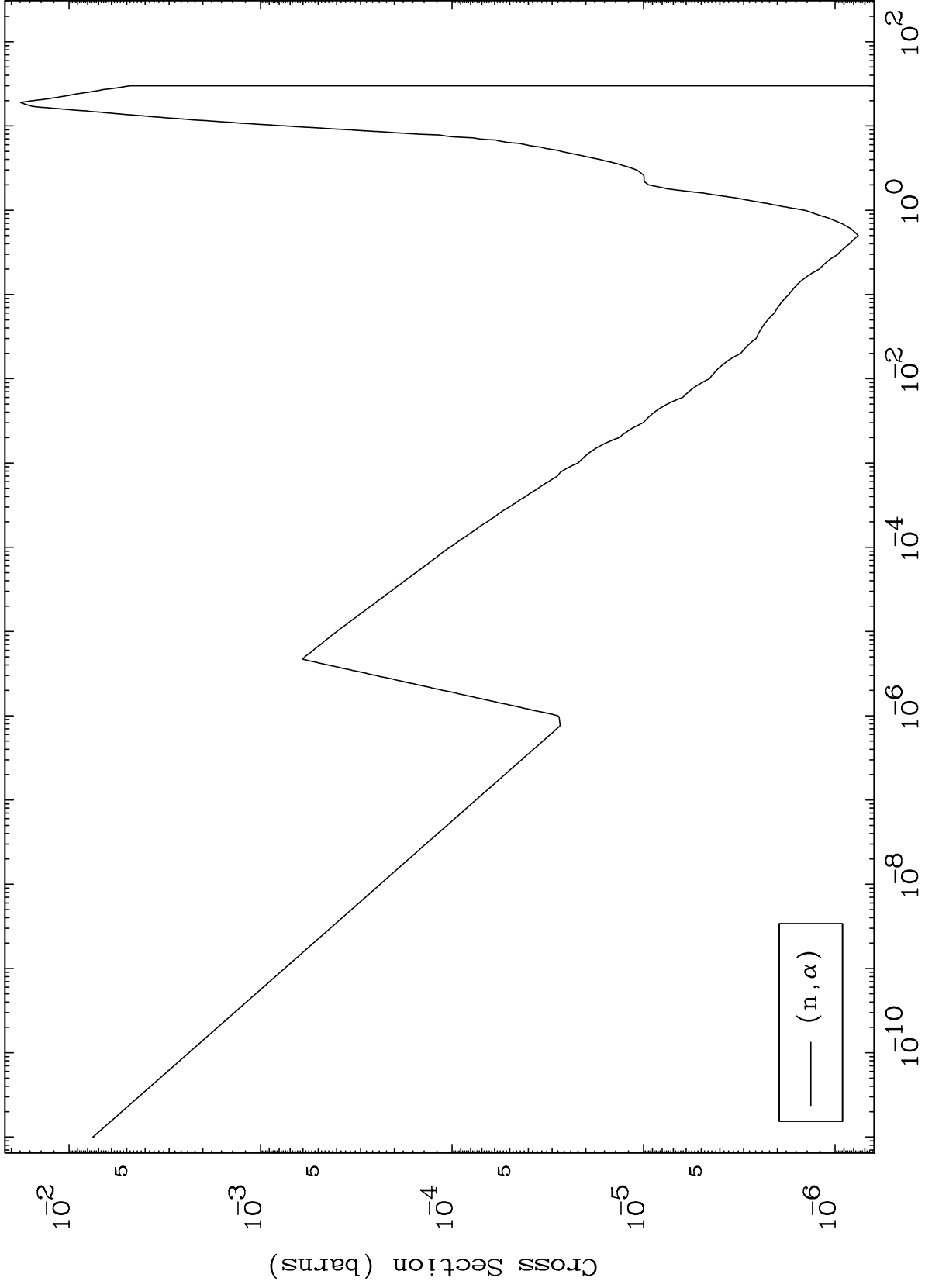
Incident Energy (MeV)

55-Cs-132

MAT 5522

(n,α) Levels
293 Kelvin Cross Sections

55-Cs-132

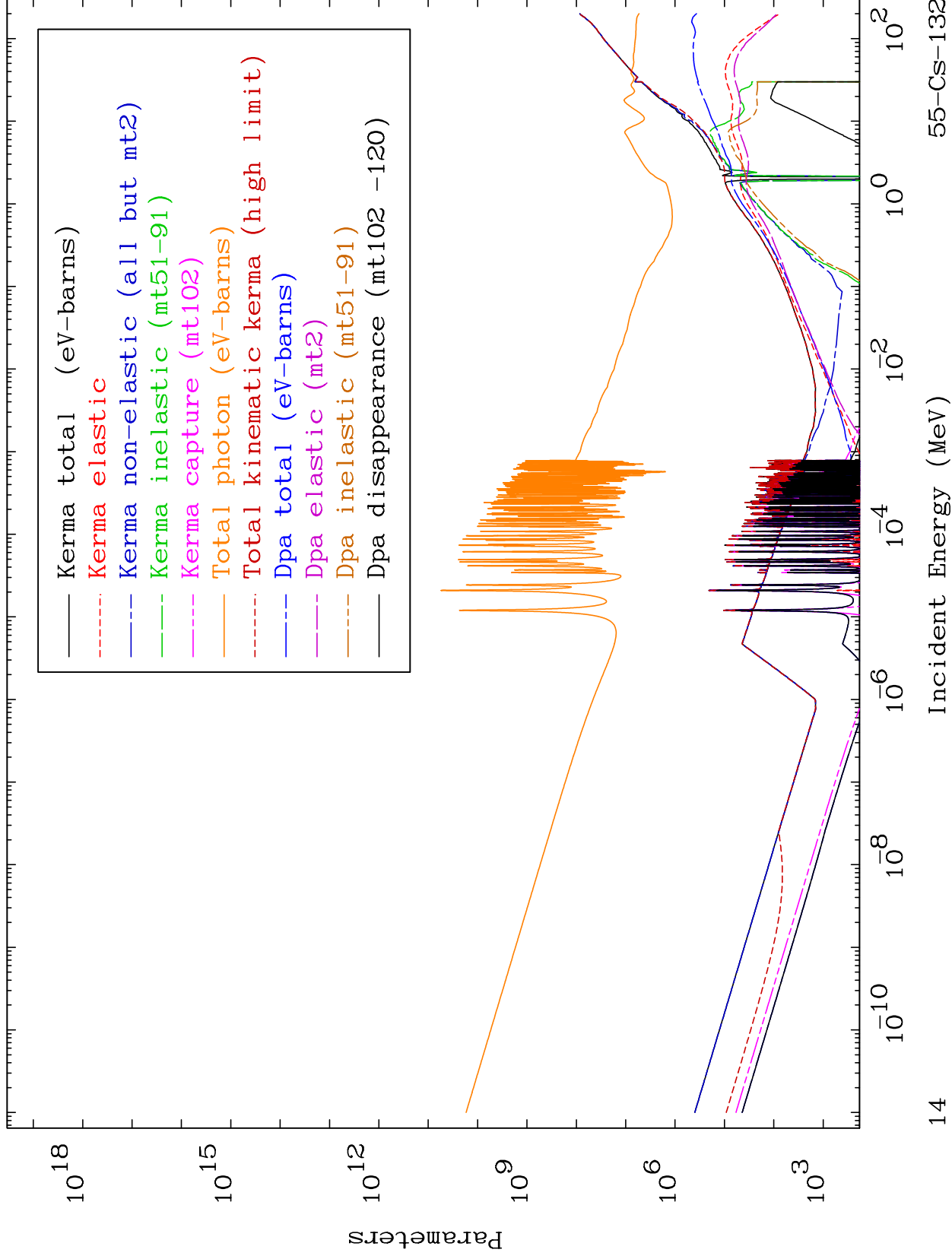


(n,α)

55-Cs-132

Incident Energy (MeV)

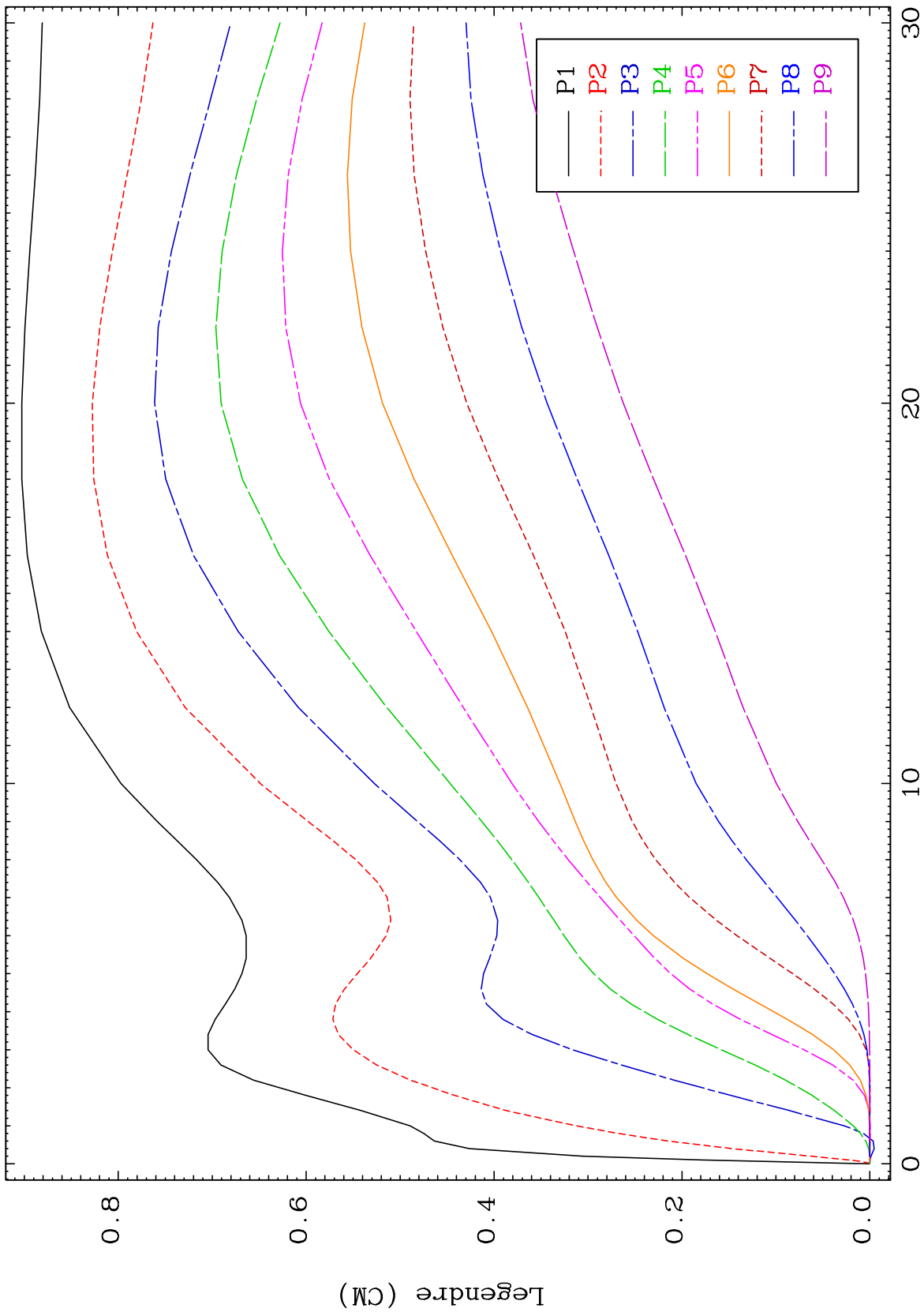
13



MAT 5522

55-Cs-132

Elastic Legendre Coefficients



55-Cs-132

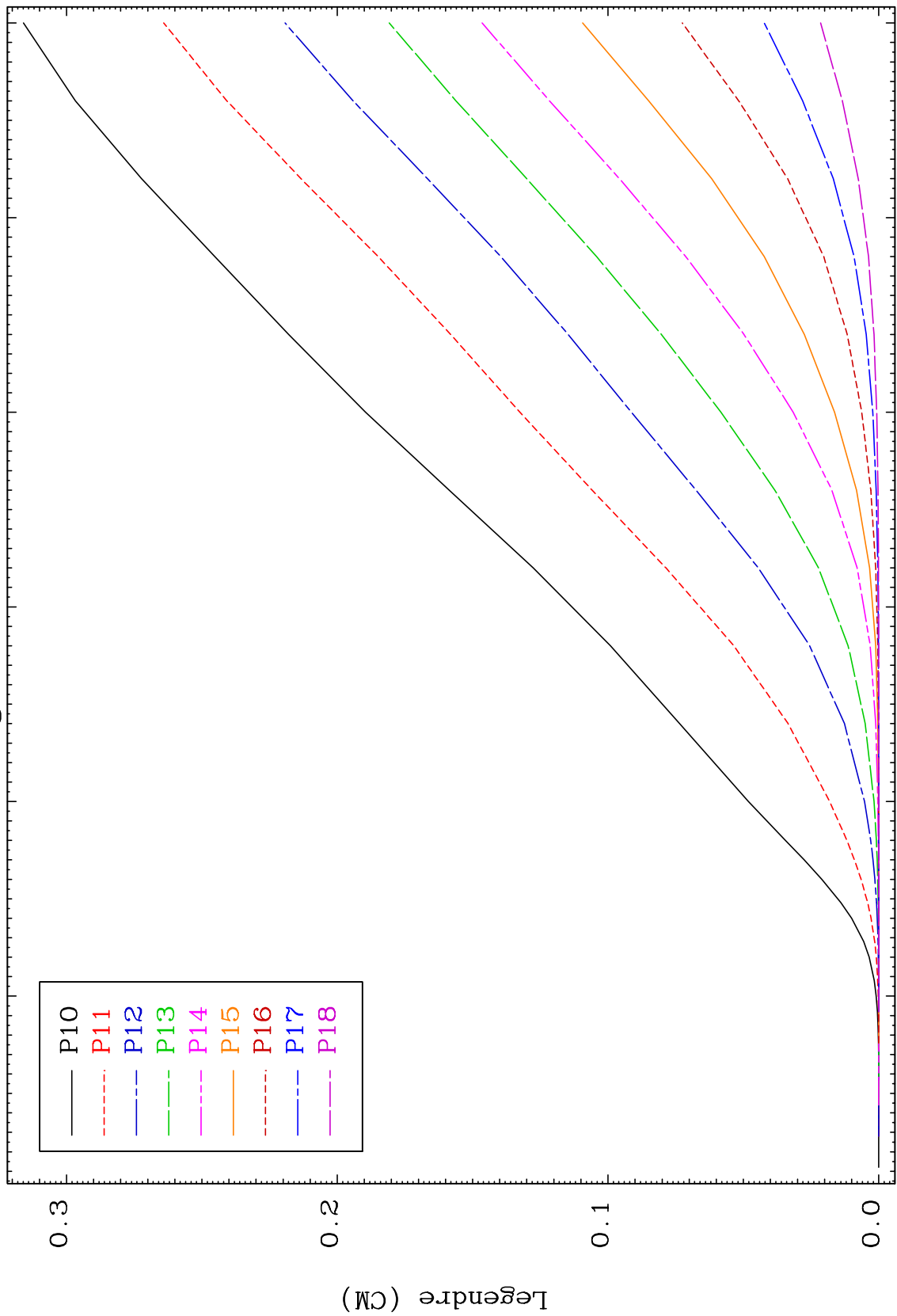
Incident Energy (MeV)

15

MAT 5522

Elastic Legendre Coefficients

55-Cs-132



16

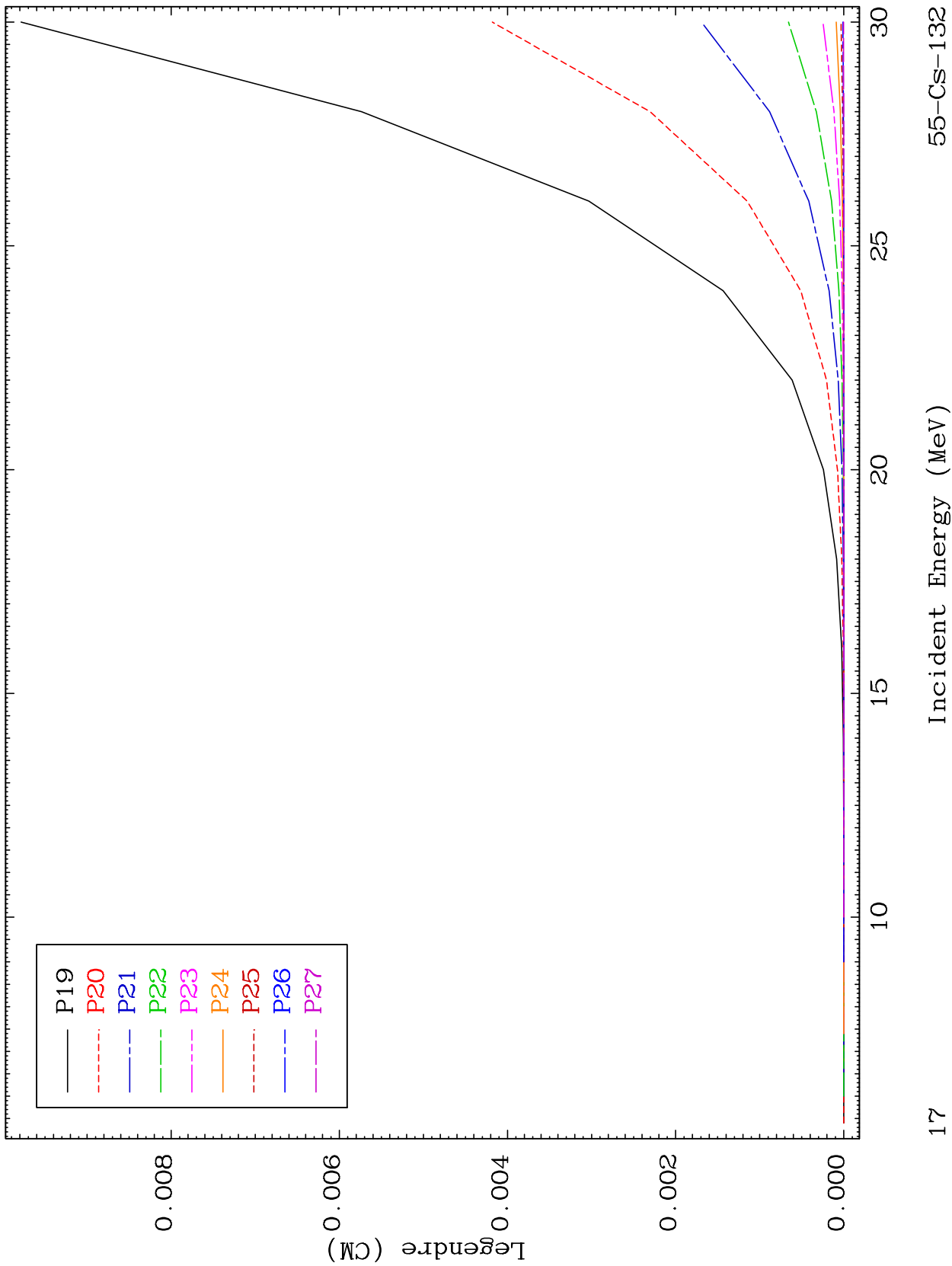
Incident Energy (MeV)

55-Cs-132

MAT 5522

Elastic Legendre Coefficients

55-Cs-132



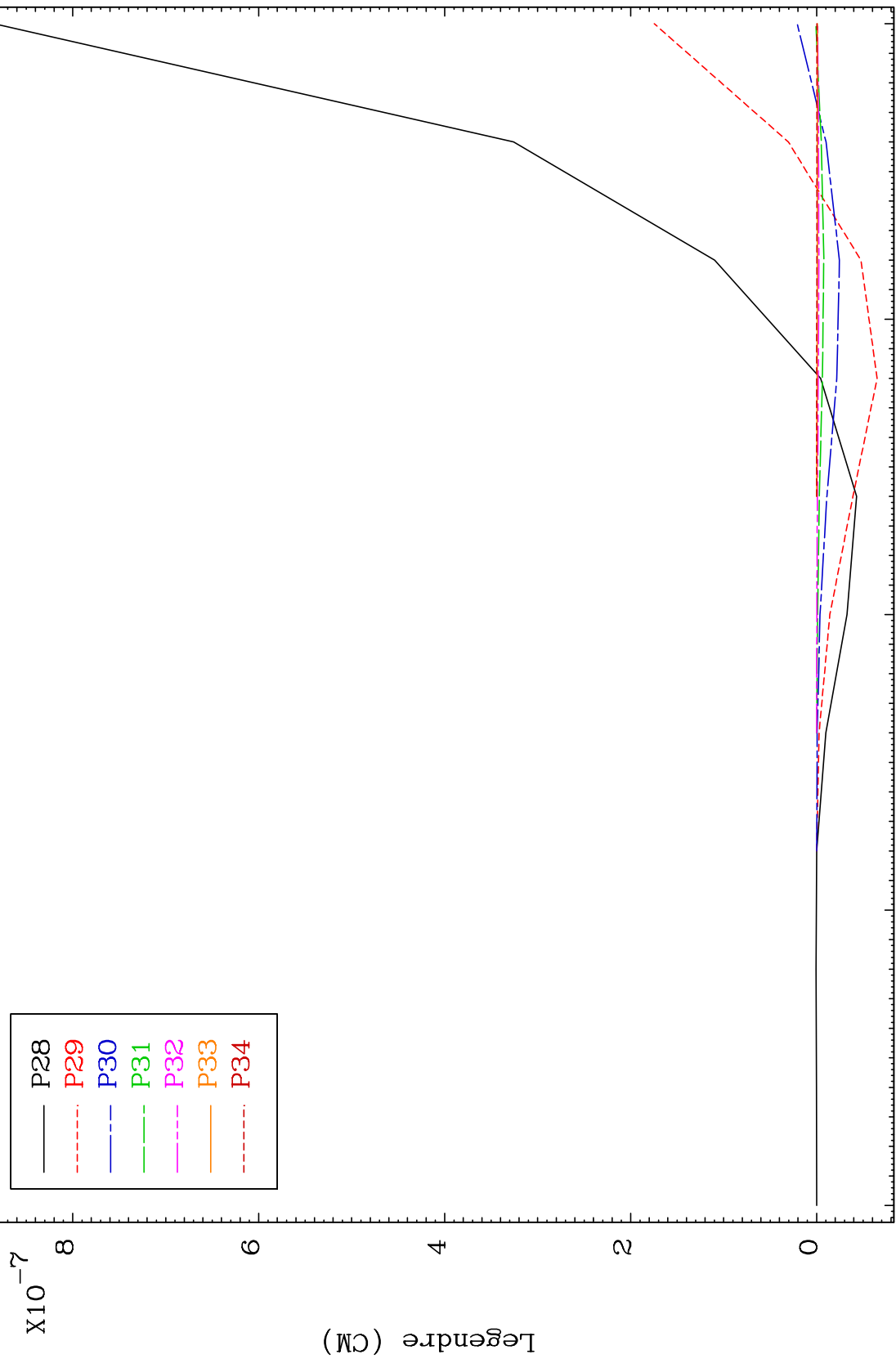
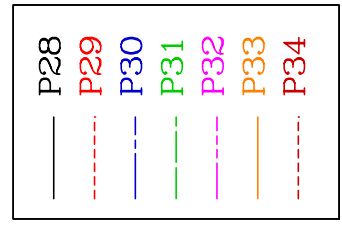
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55-Cs-132

MAT 5522

Elastic
Legendre Coefficients

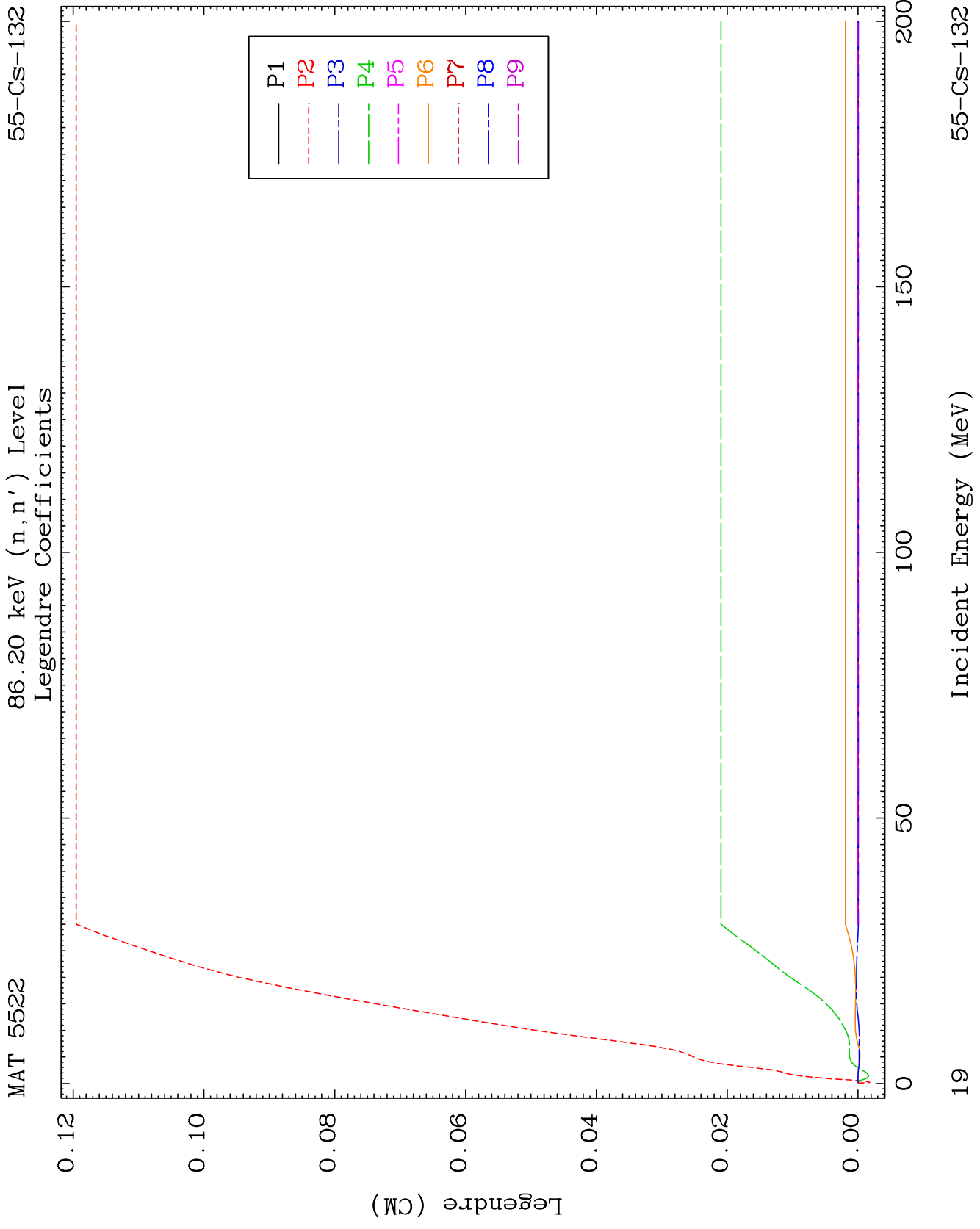
55-Cs-132



18

Incident Energy (MeV)

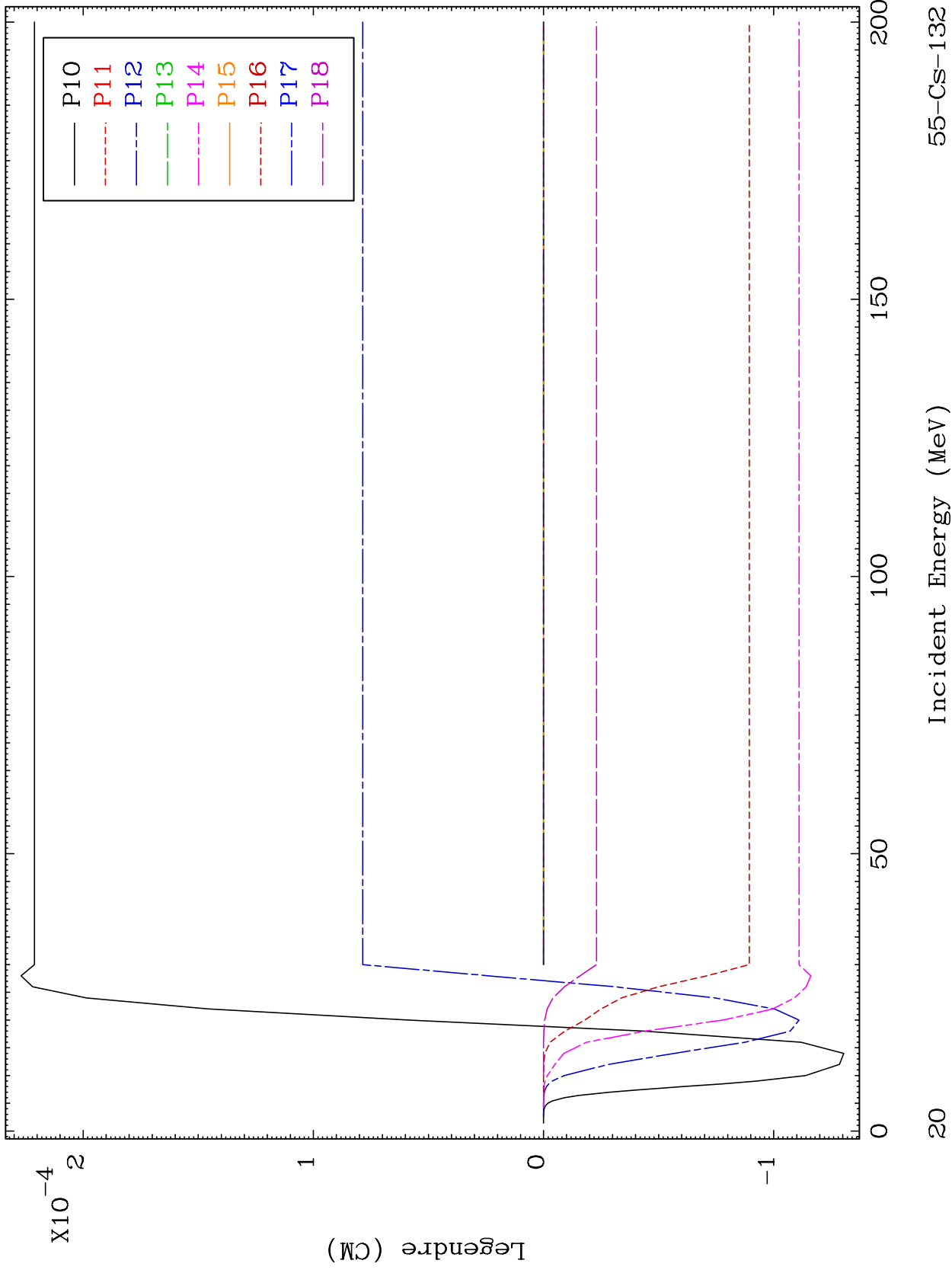
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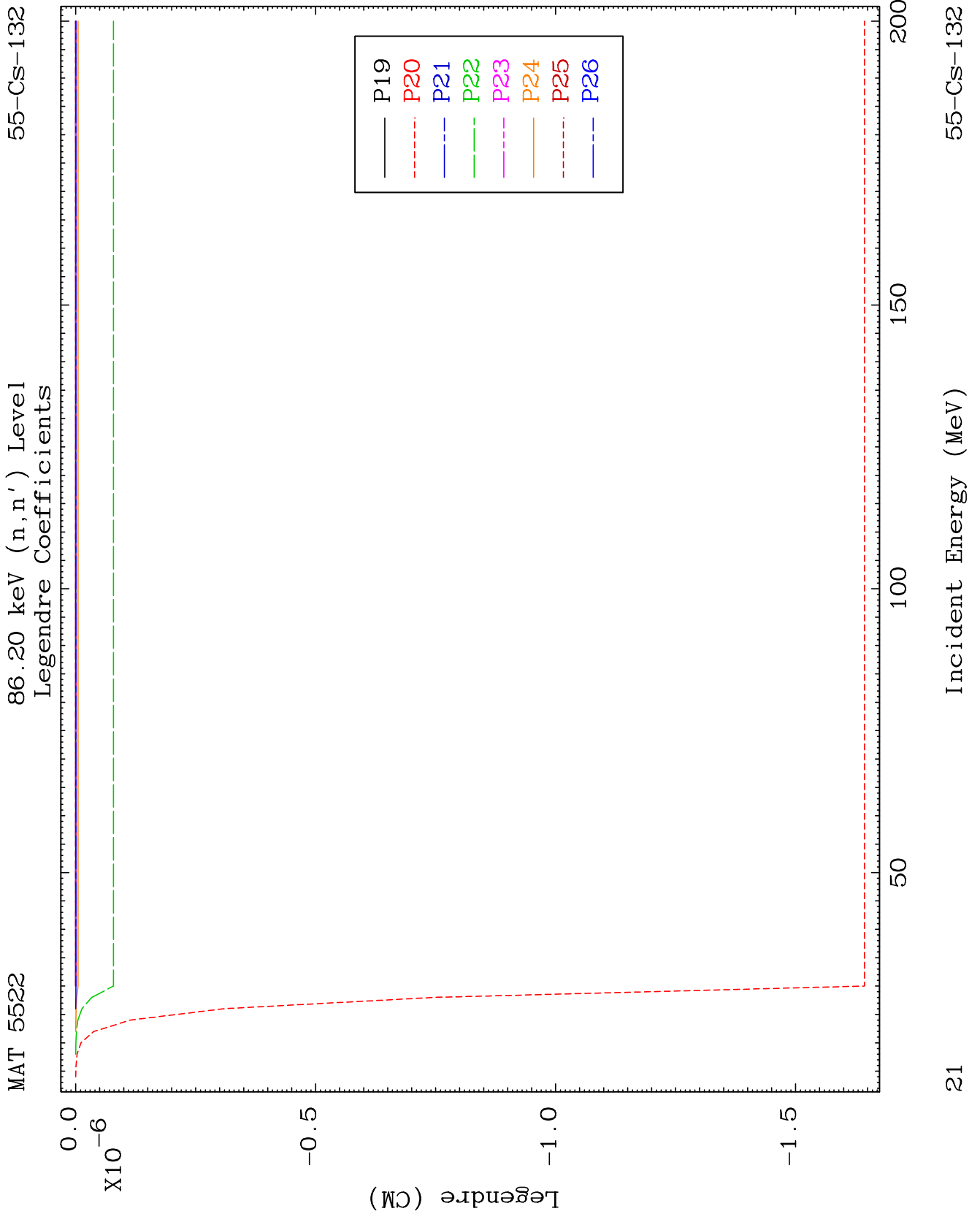
MAT 5522

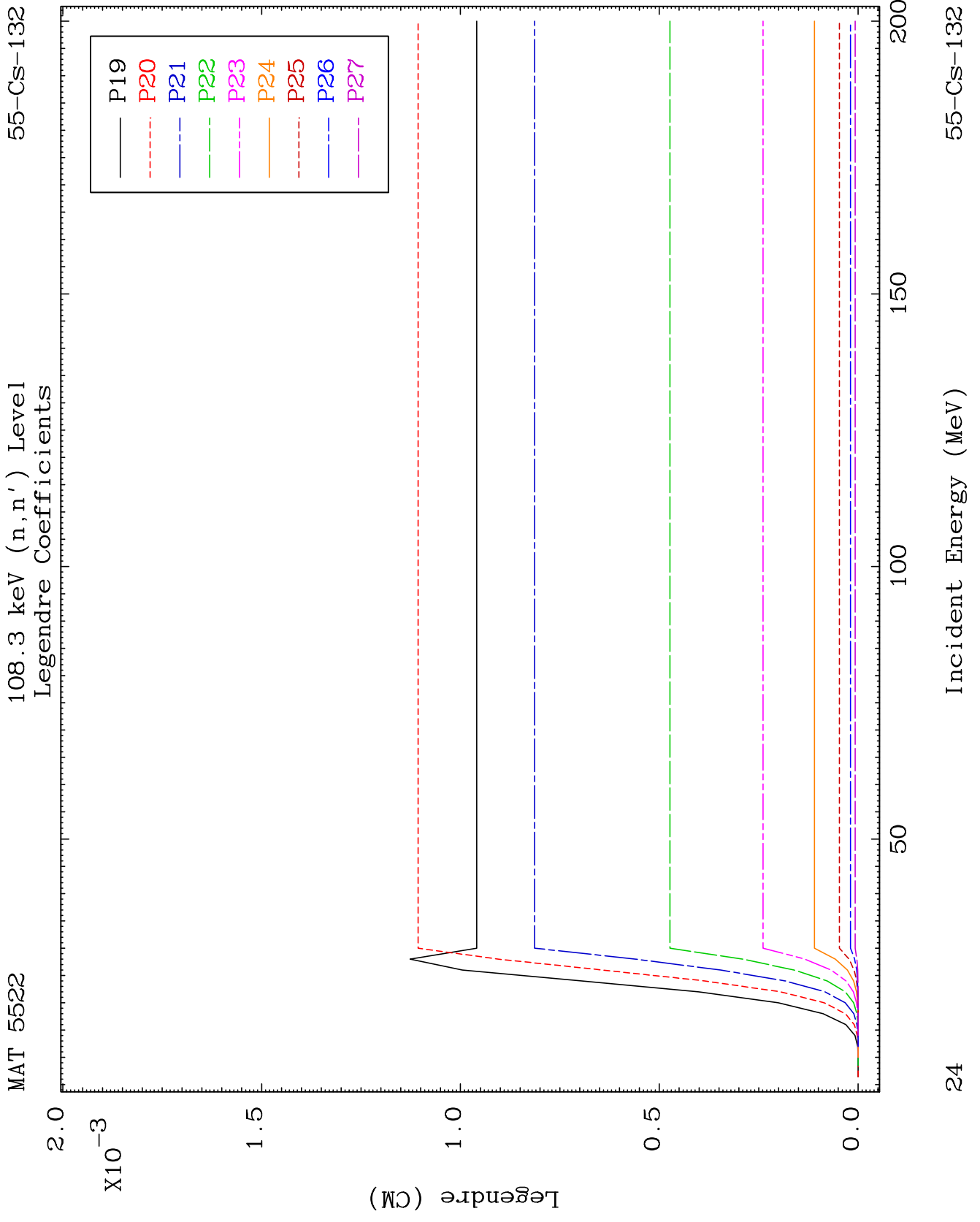
86.20 keV (n,n') Level
Legendre Coefficients

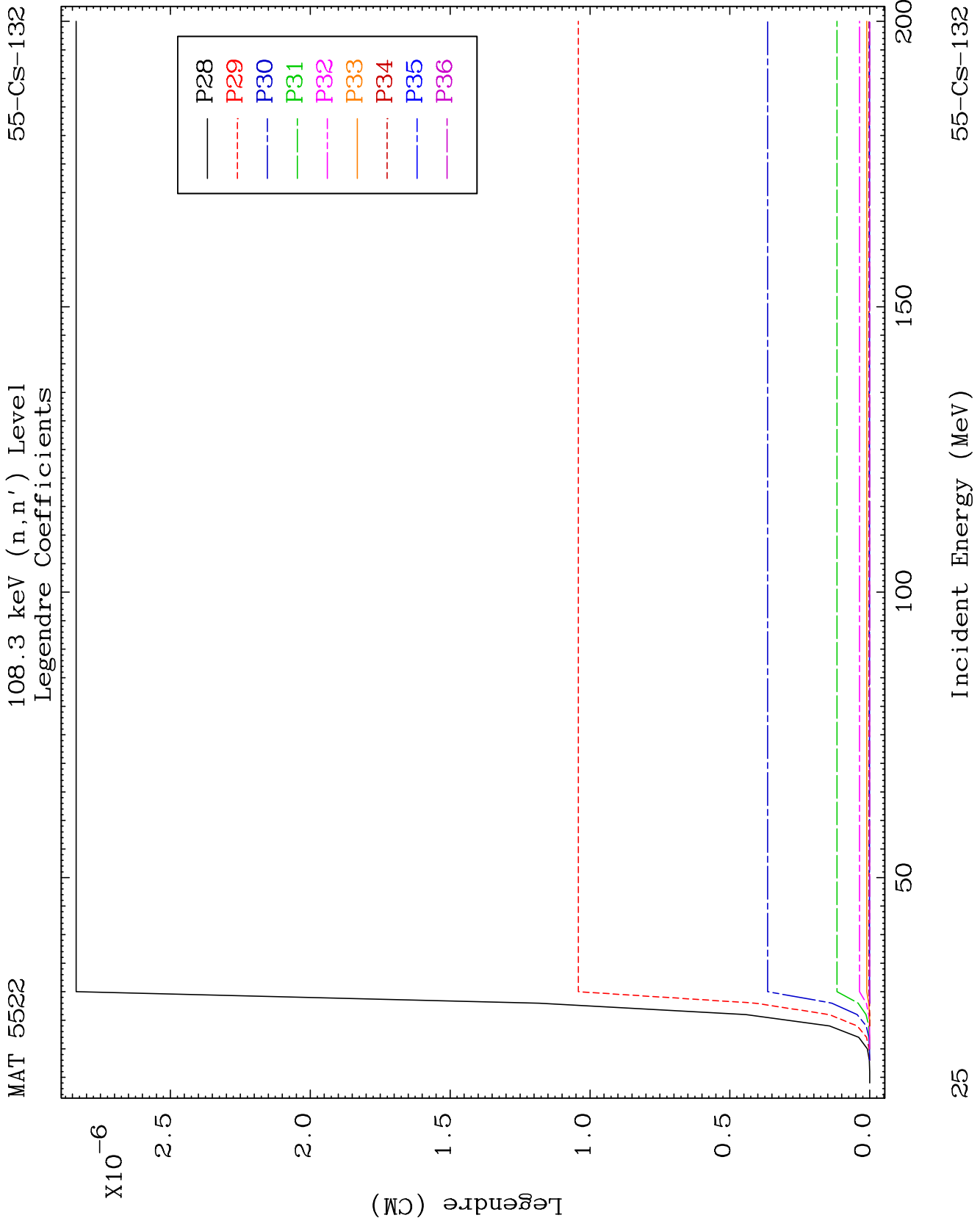
55-Cs-132

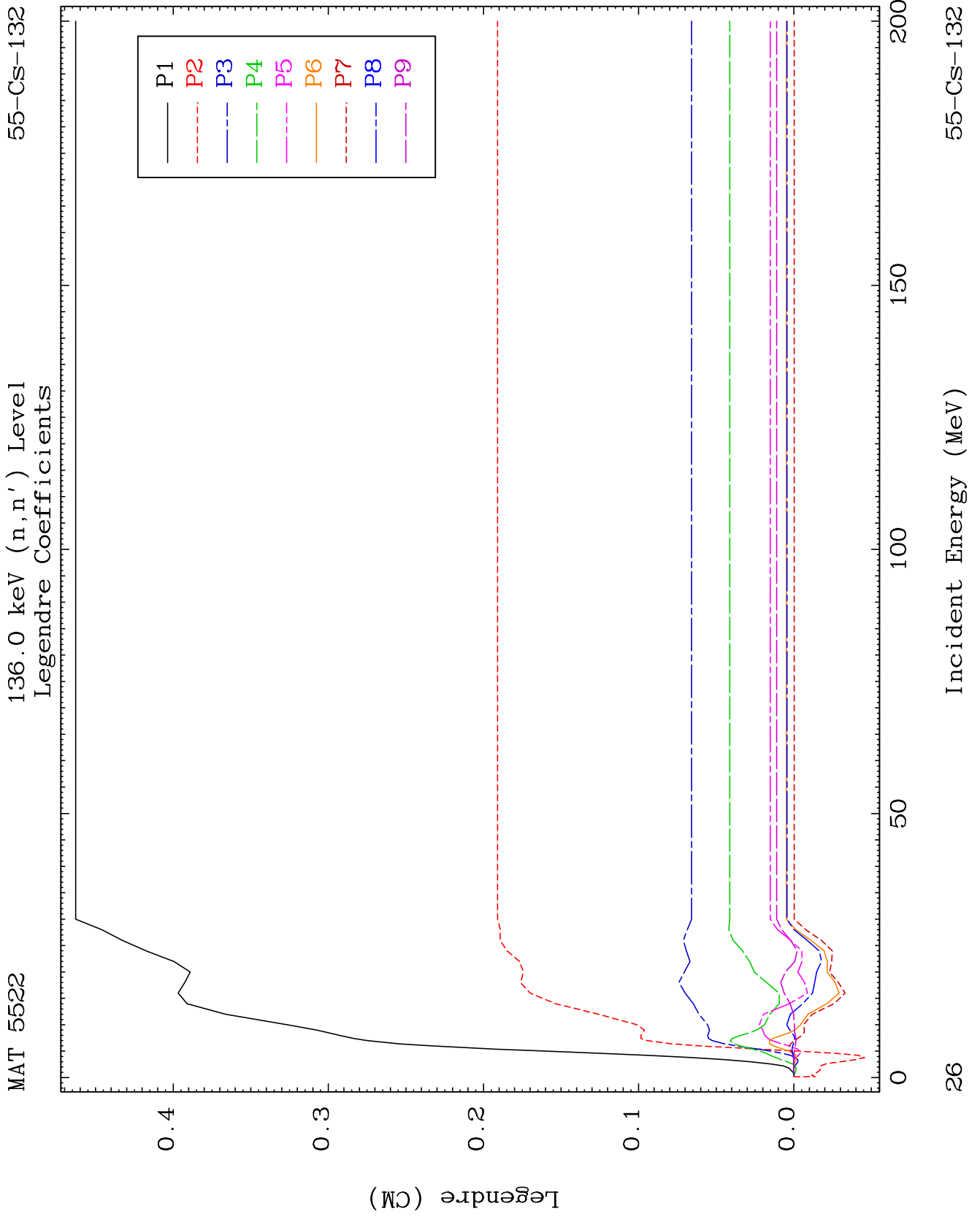


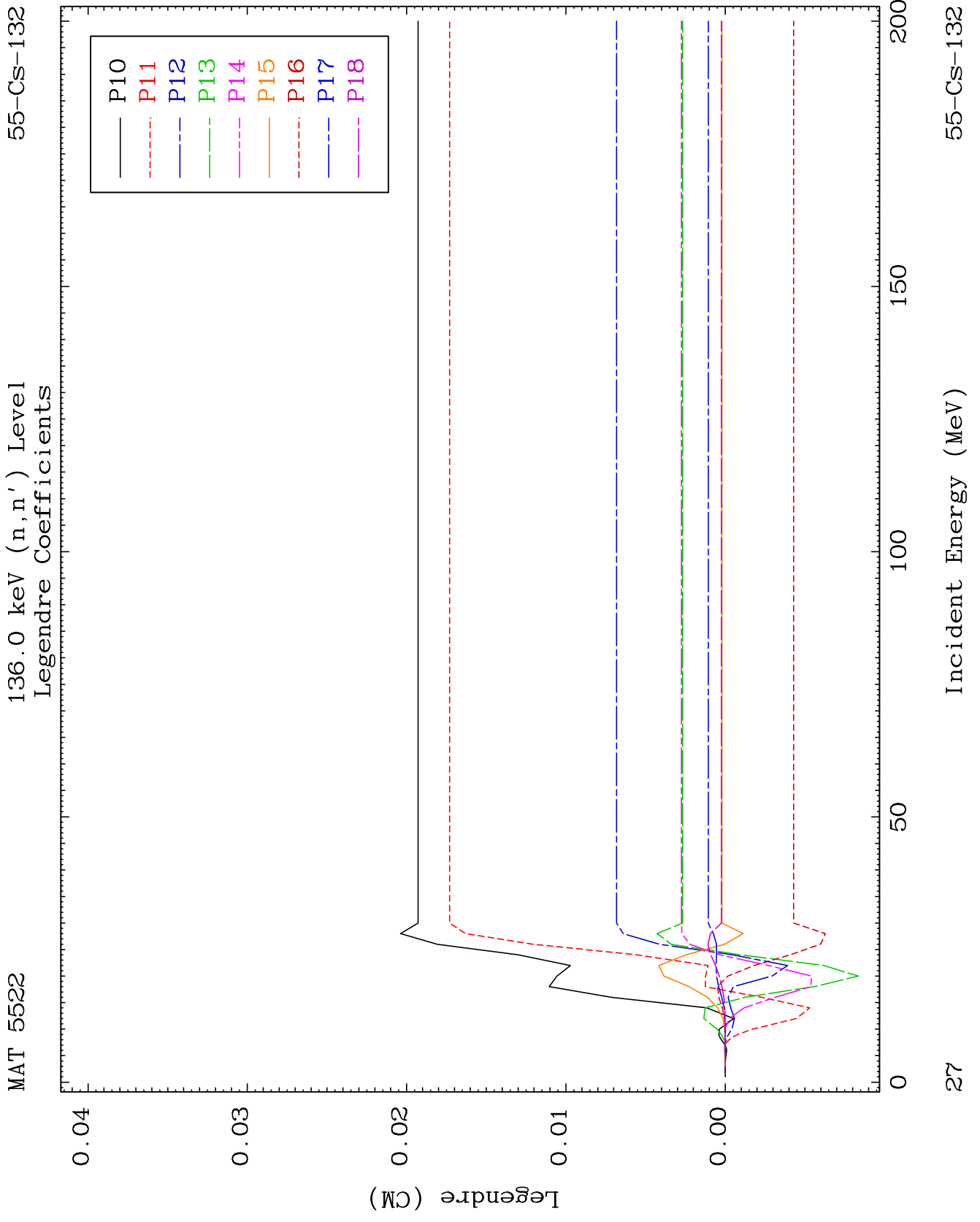
55-Cs-132

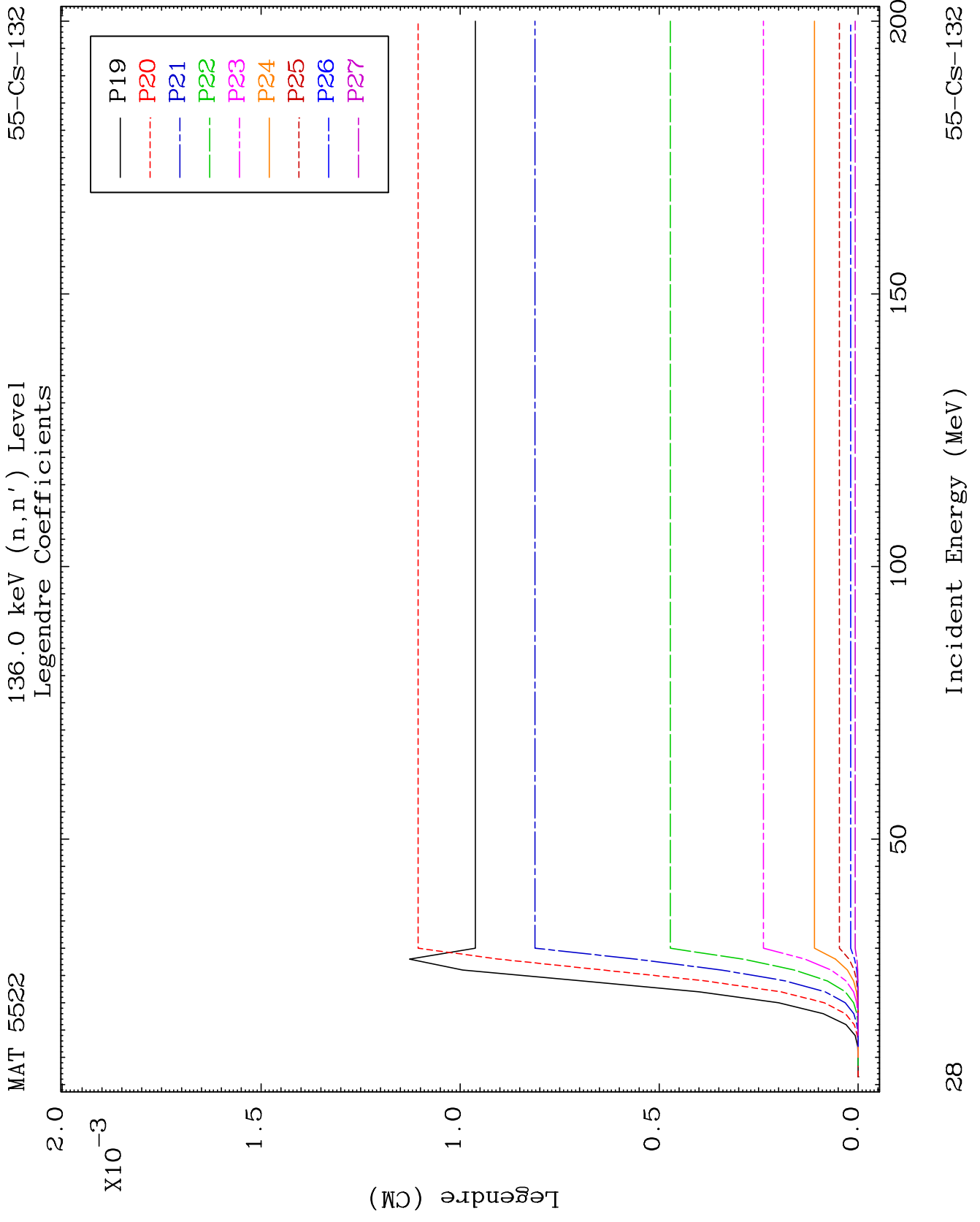


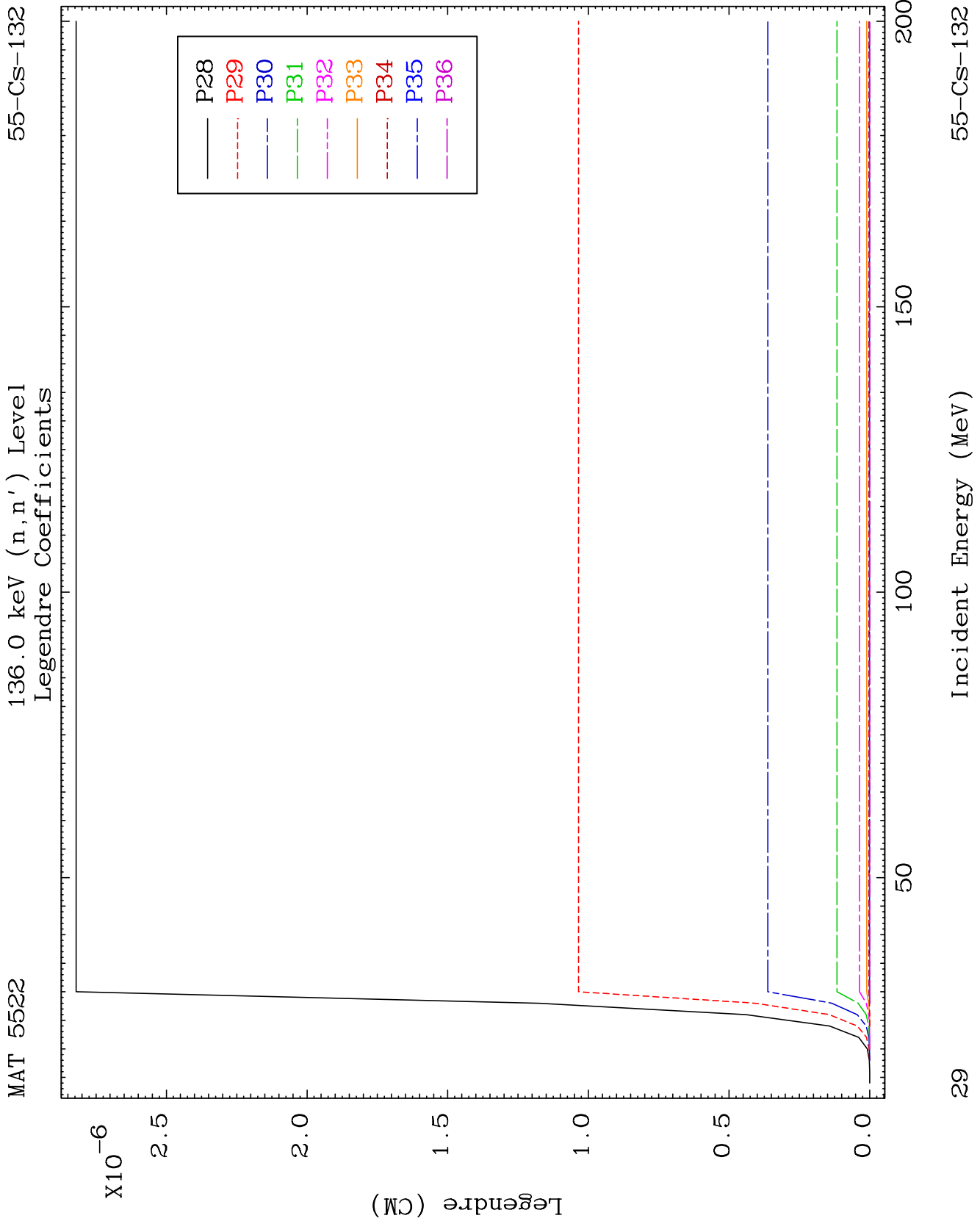


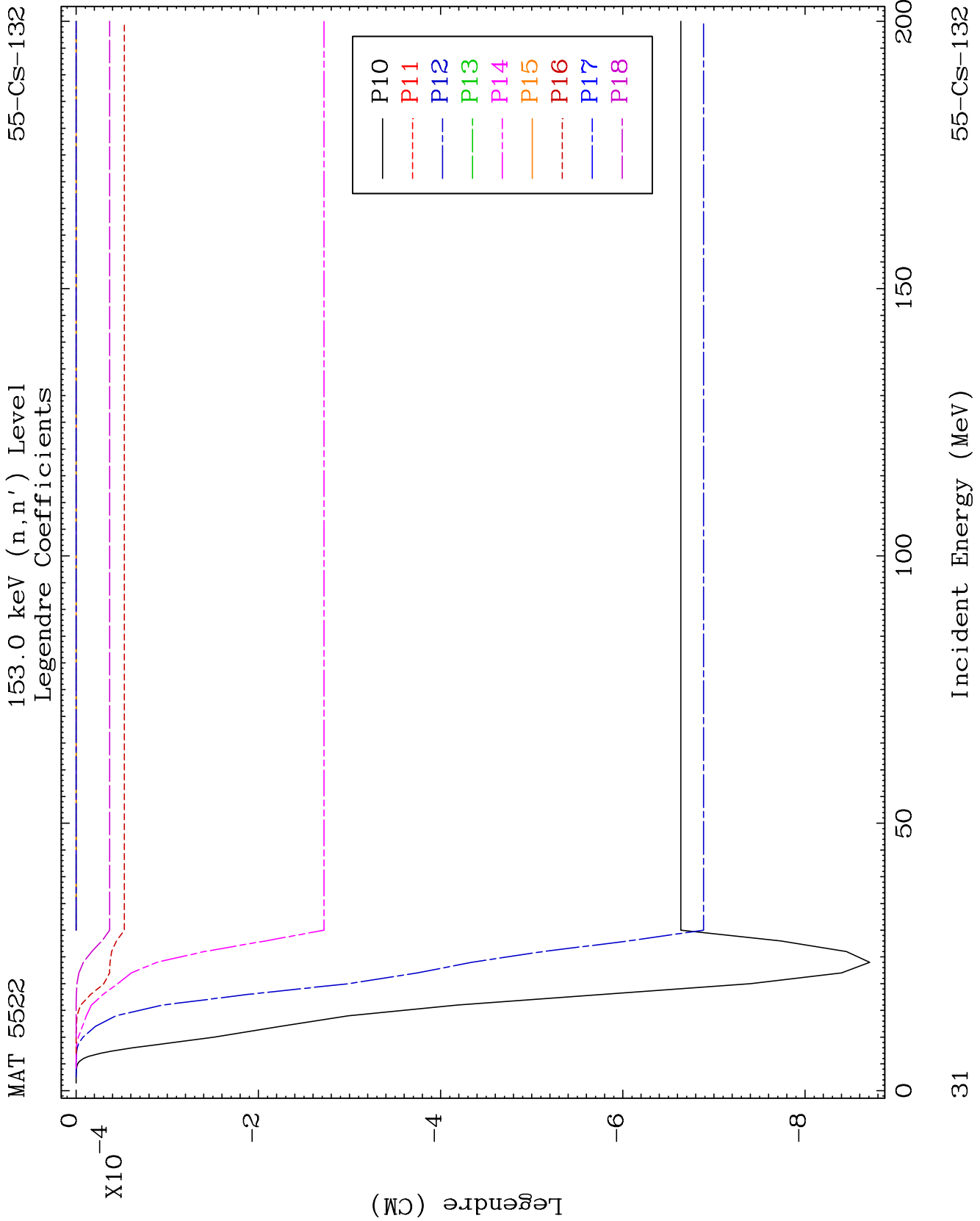


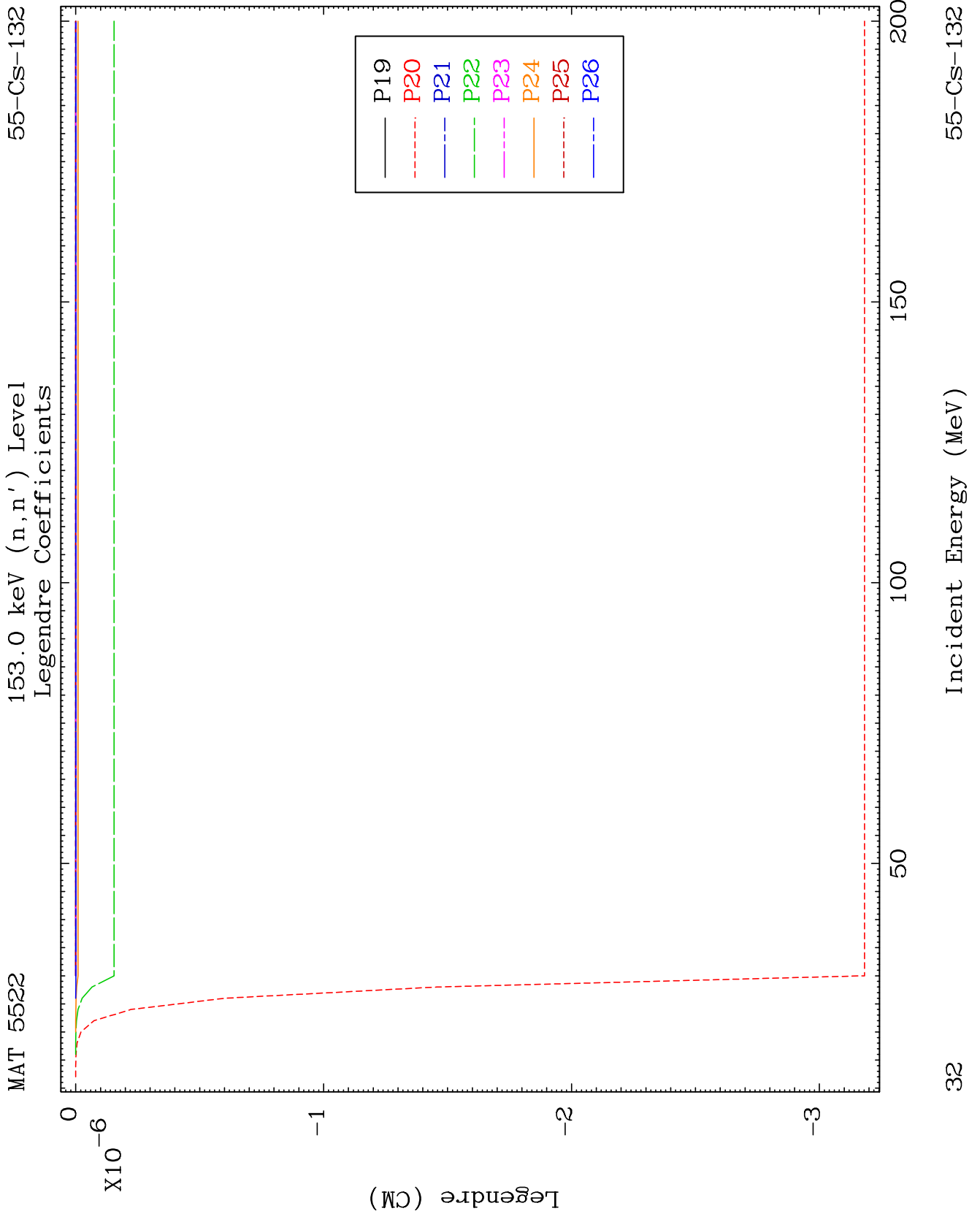


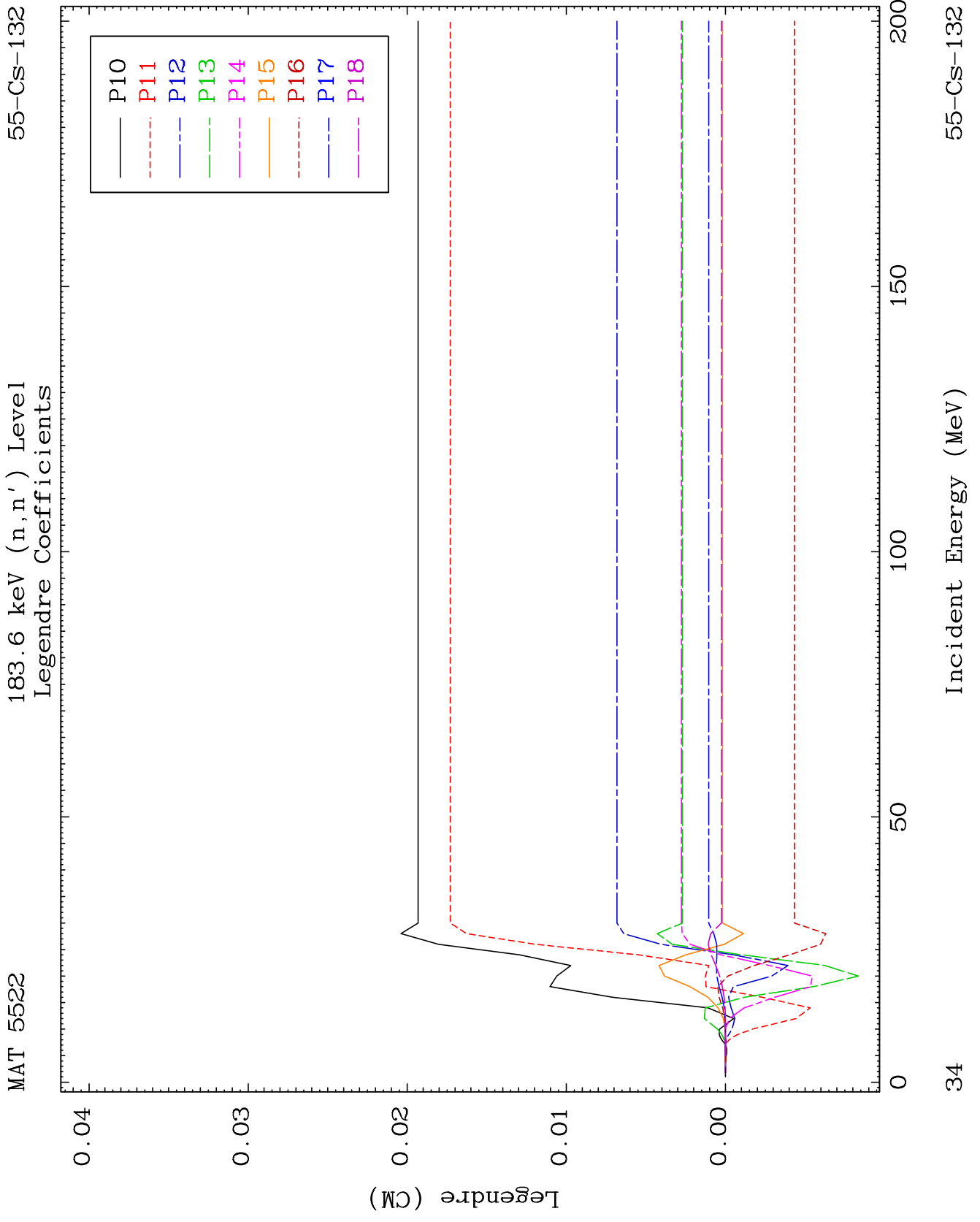


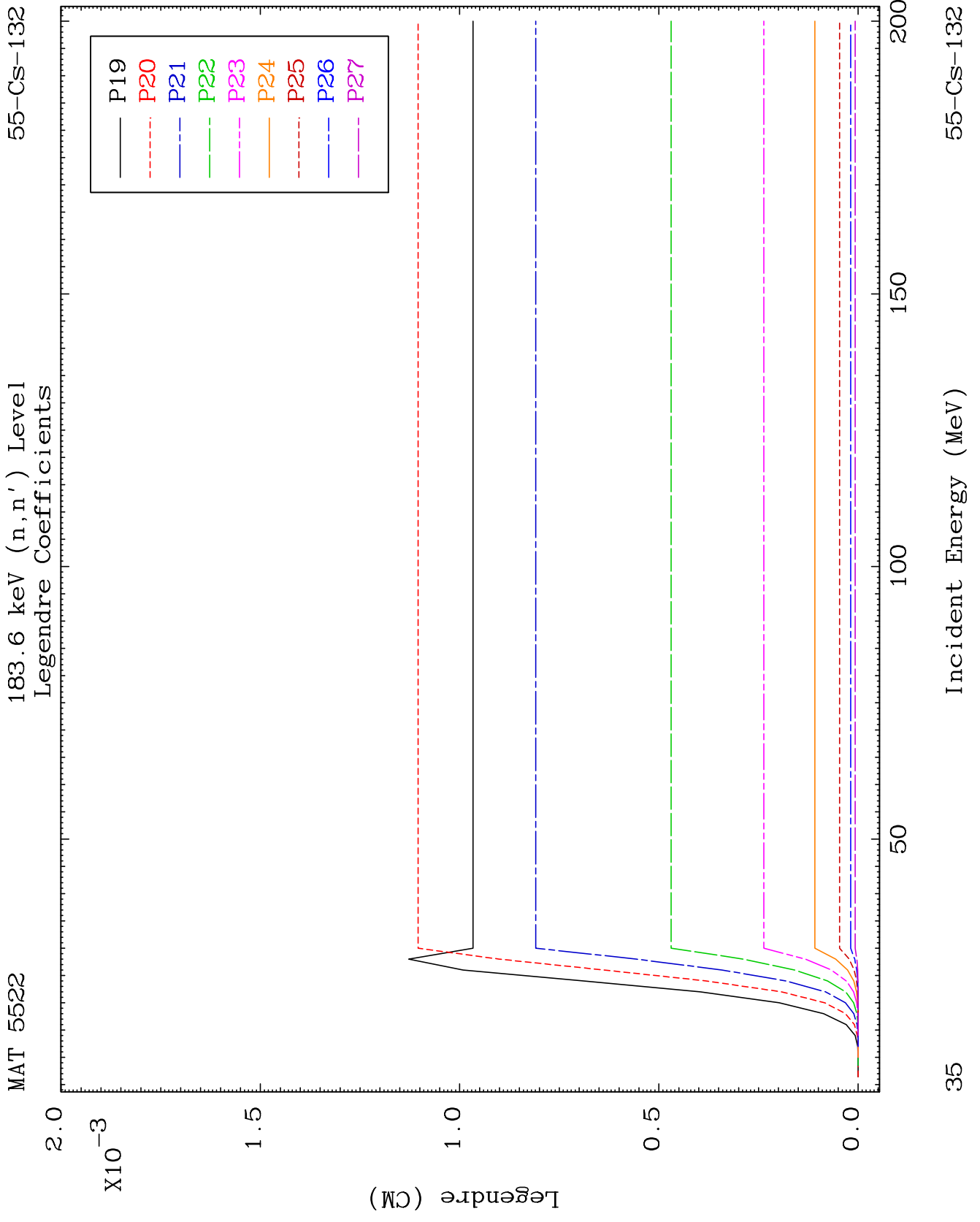


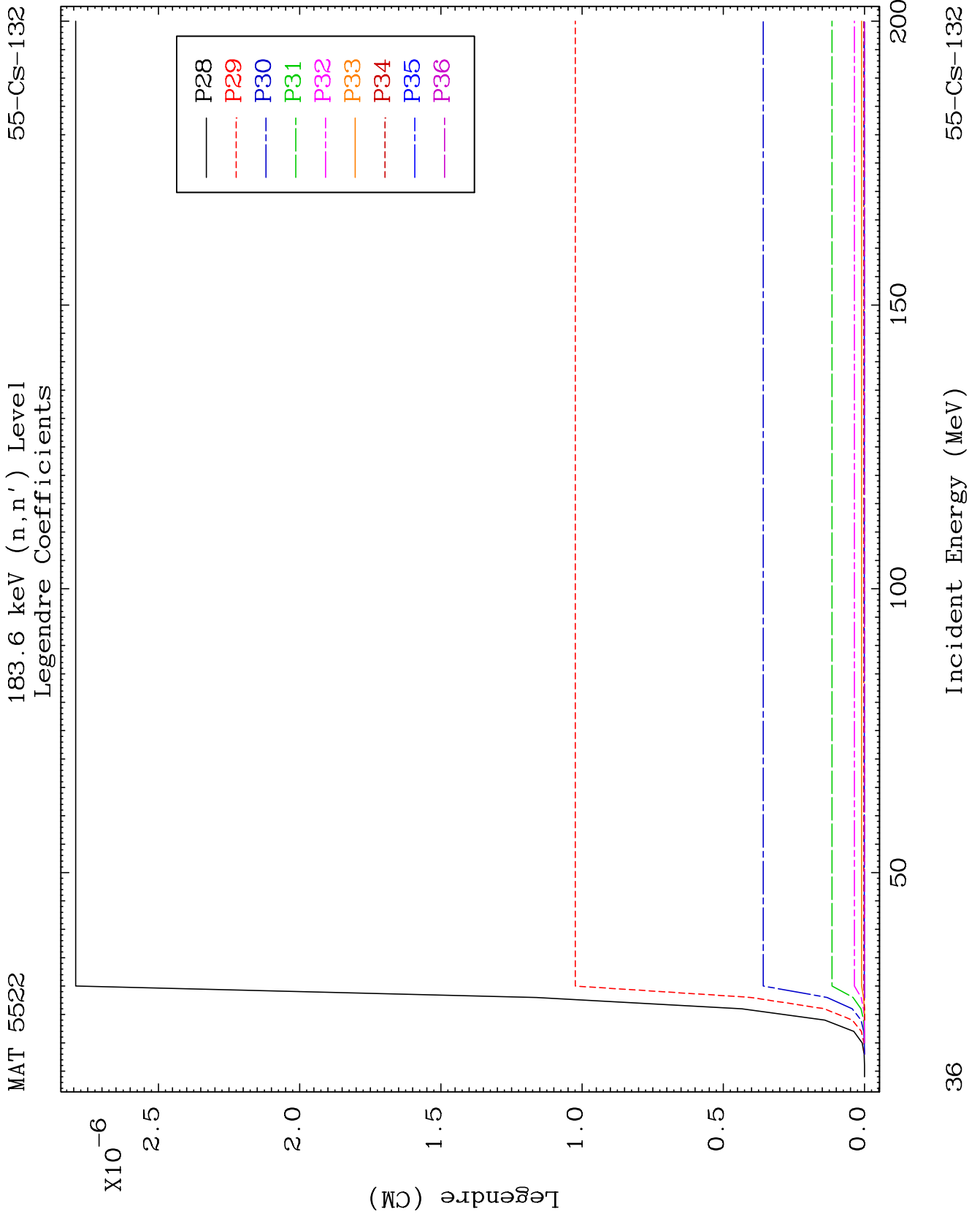


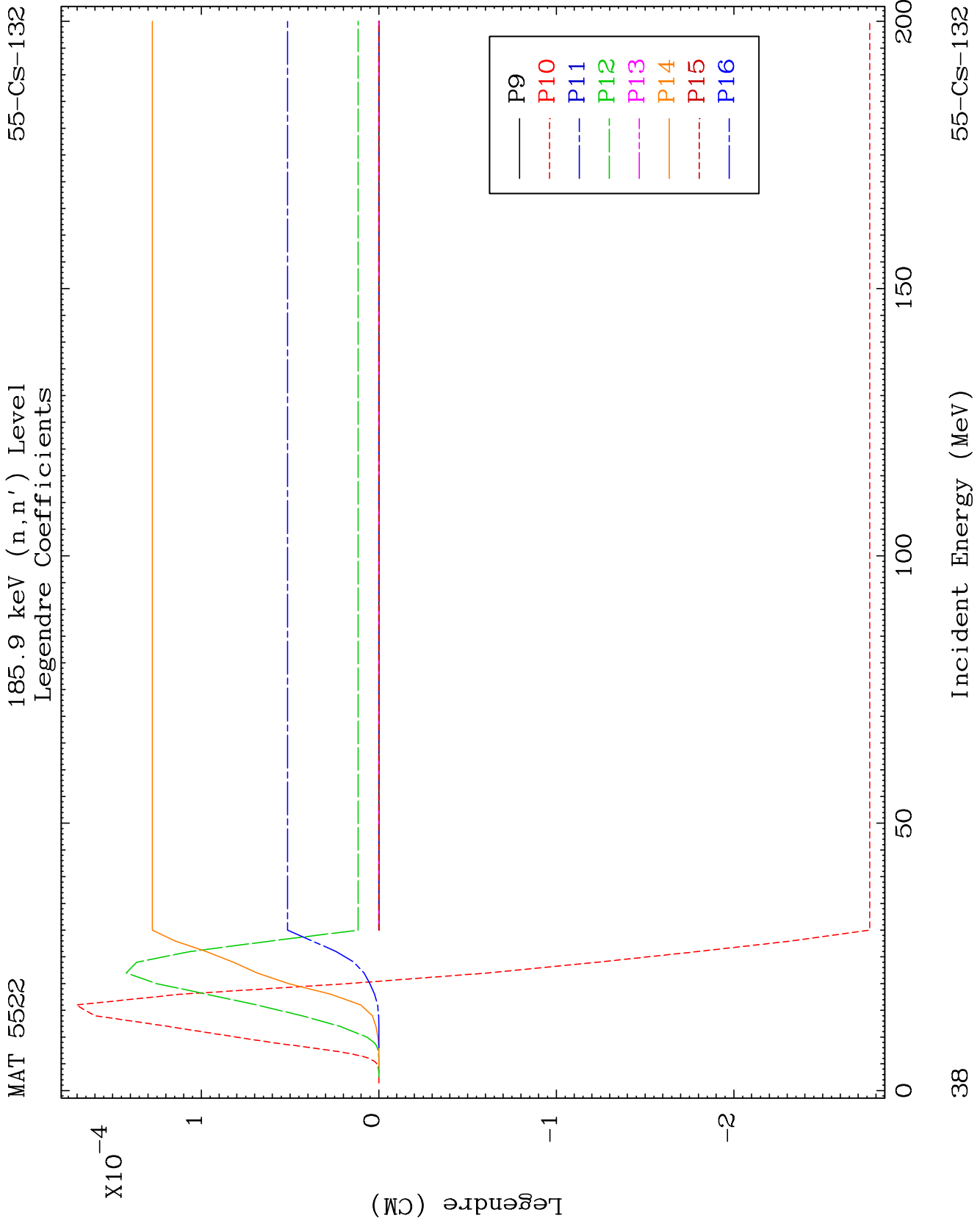


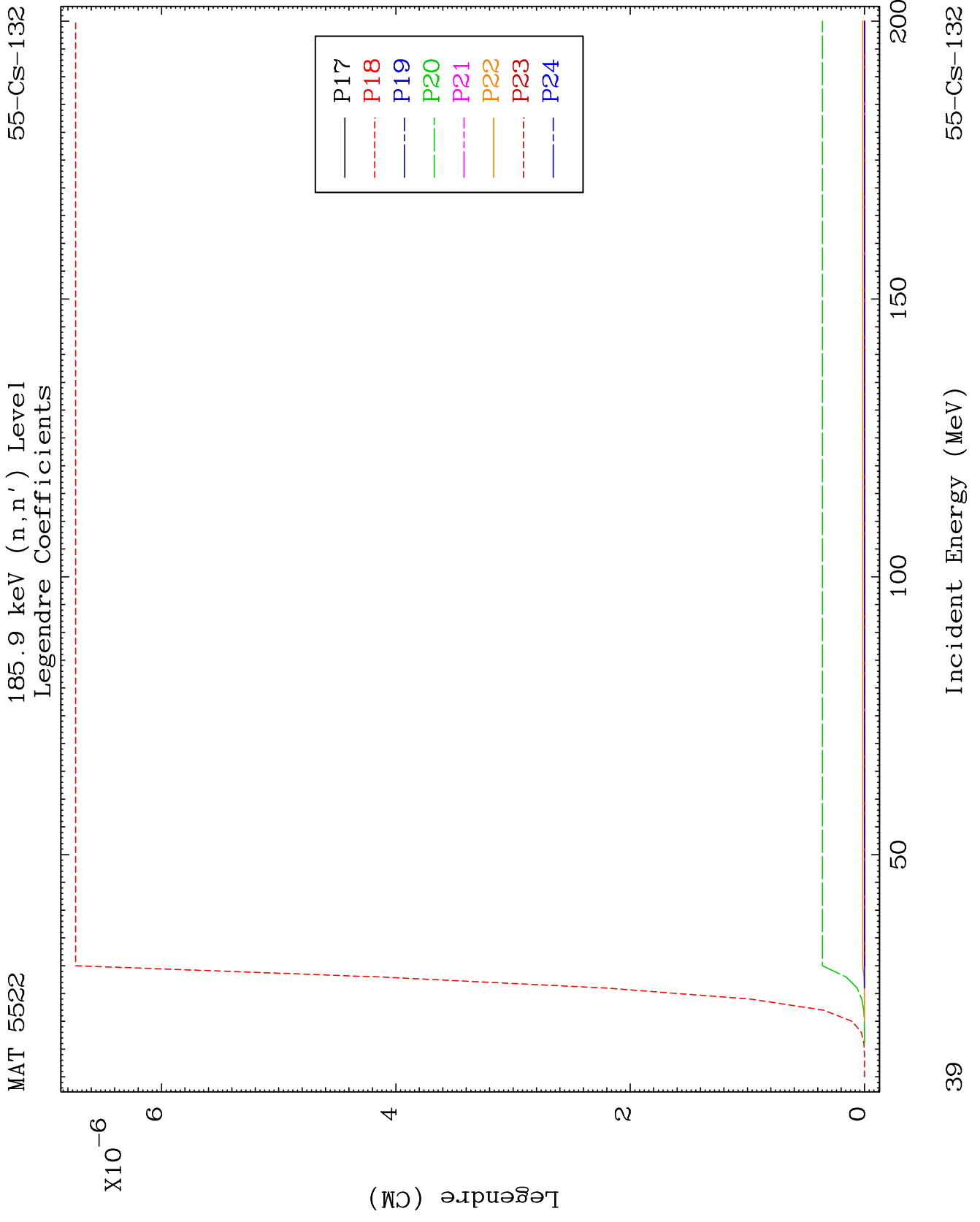


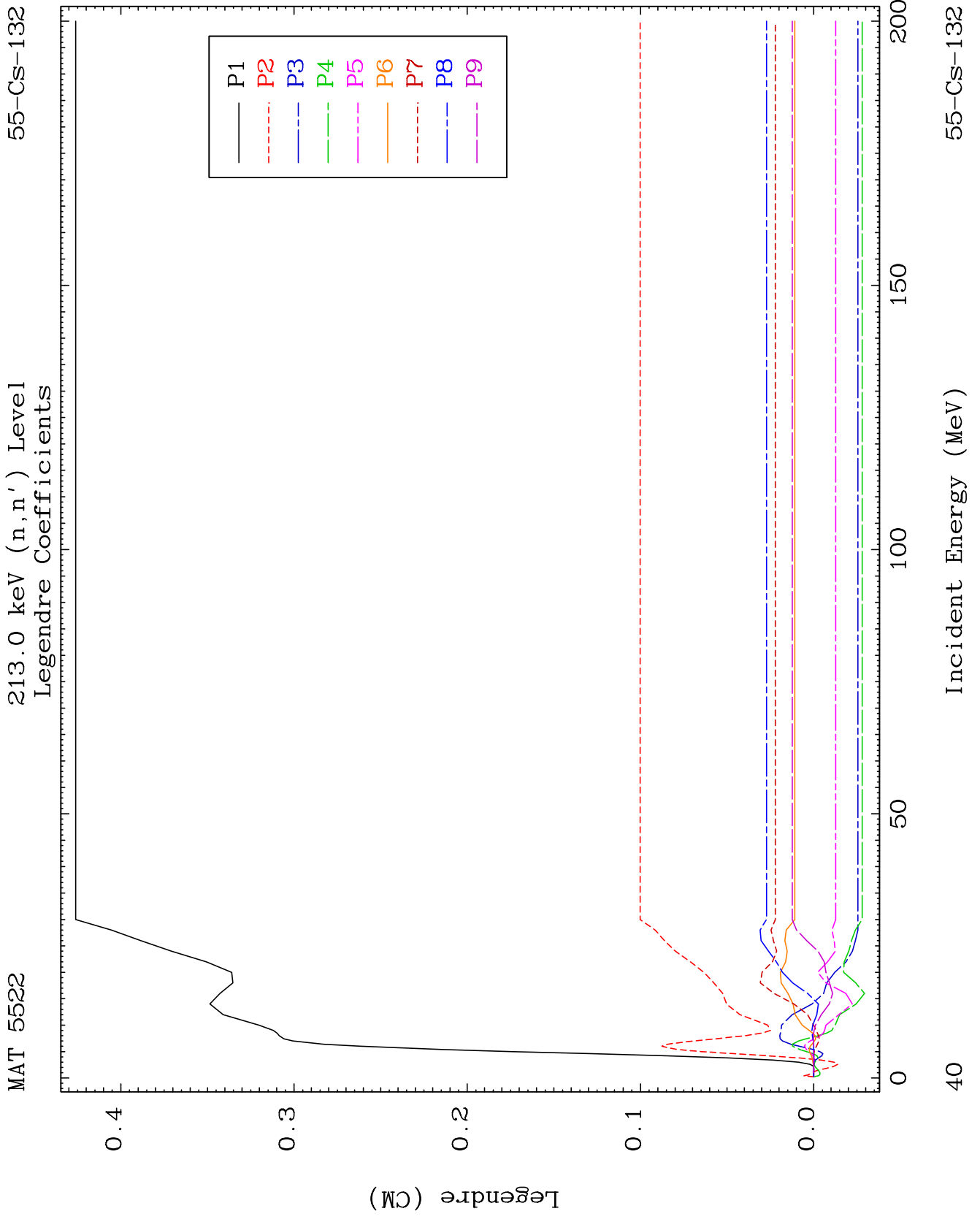


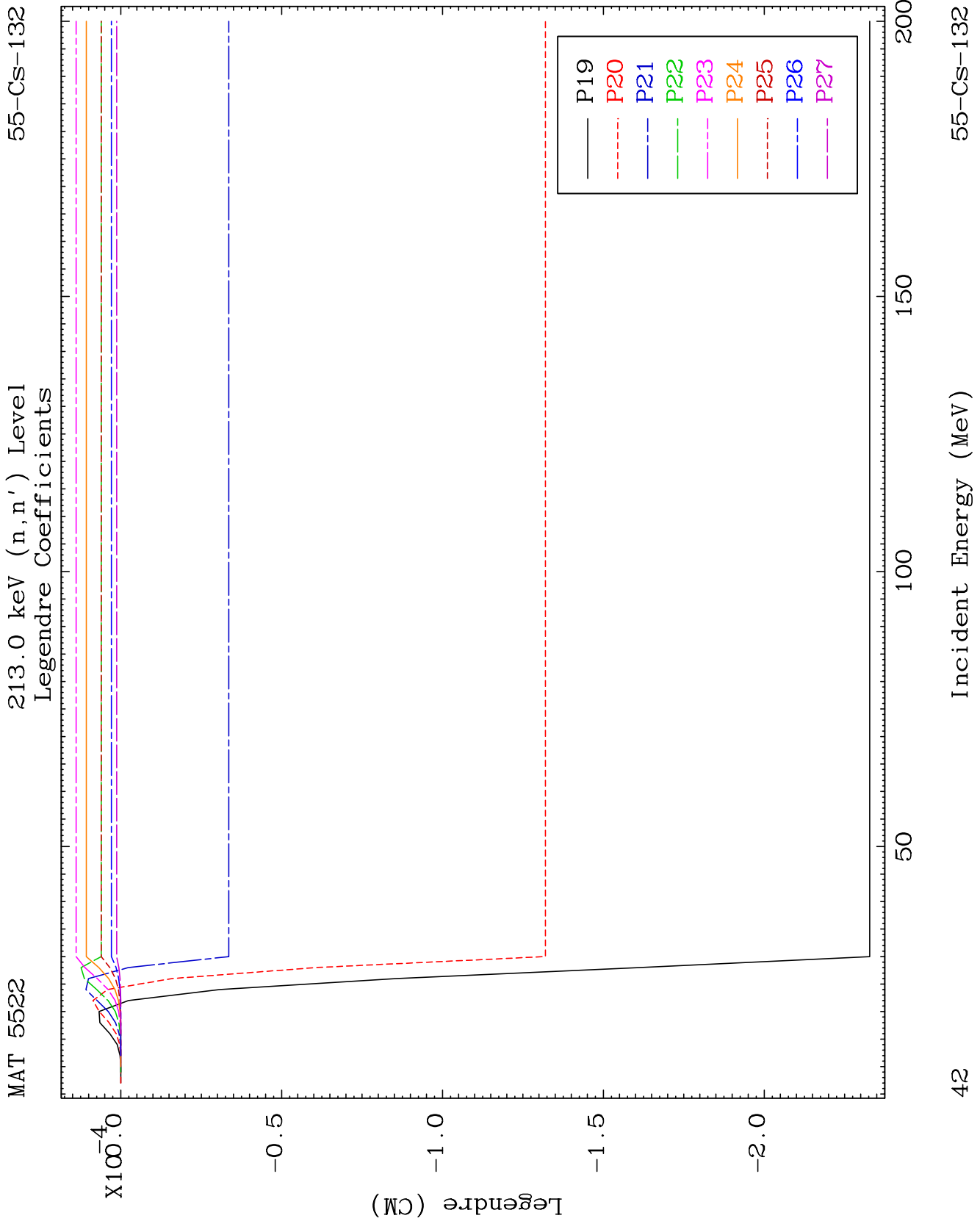








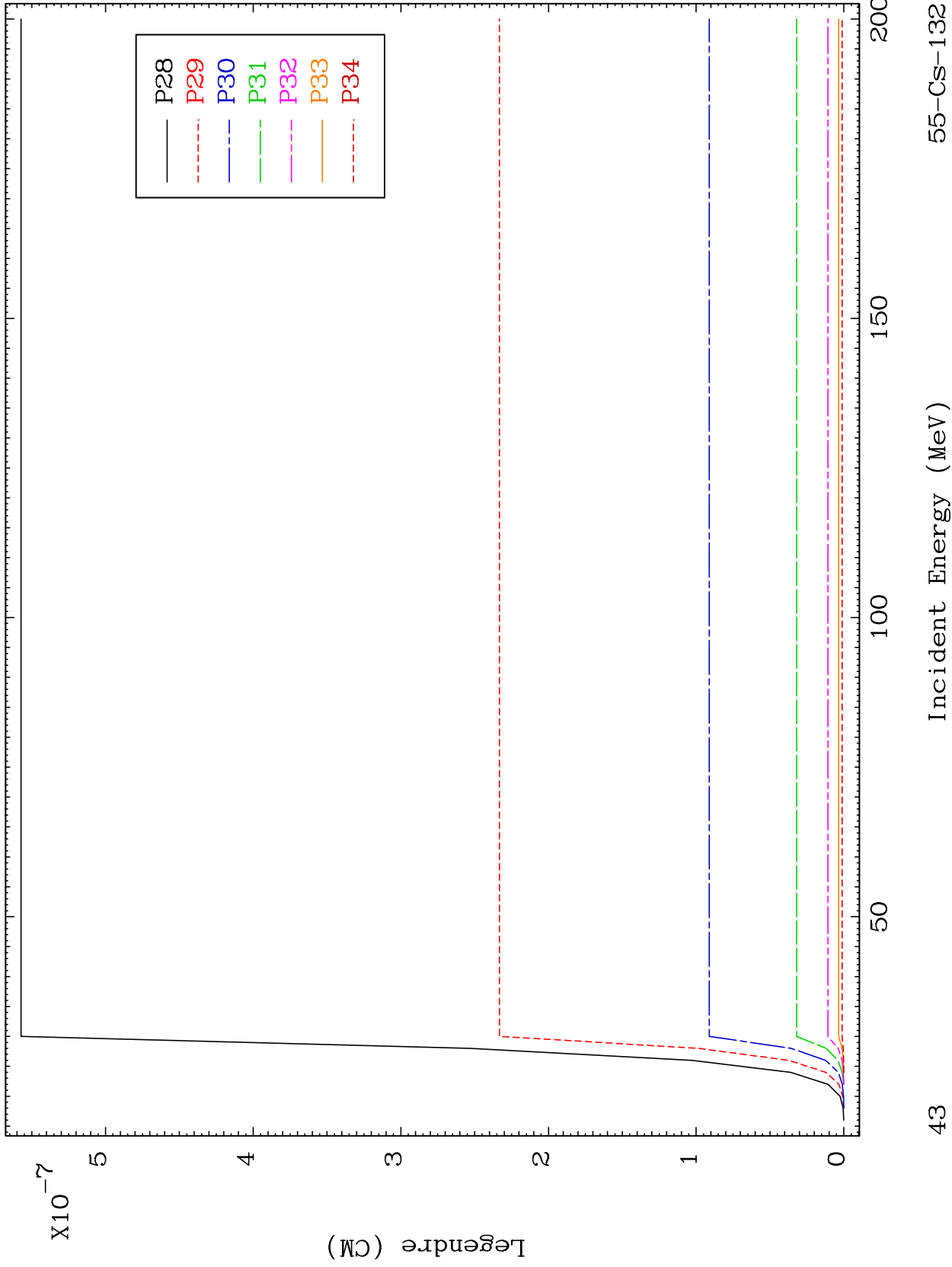




MAT 5522

213.0 keV (n,n') Level
Legendre Coefficients

55-Cs-132



43

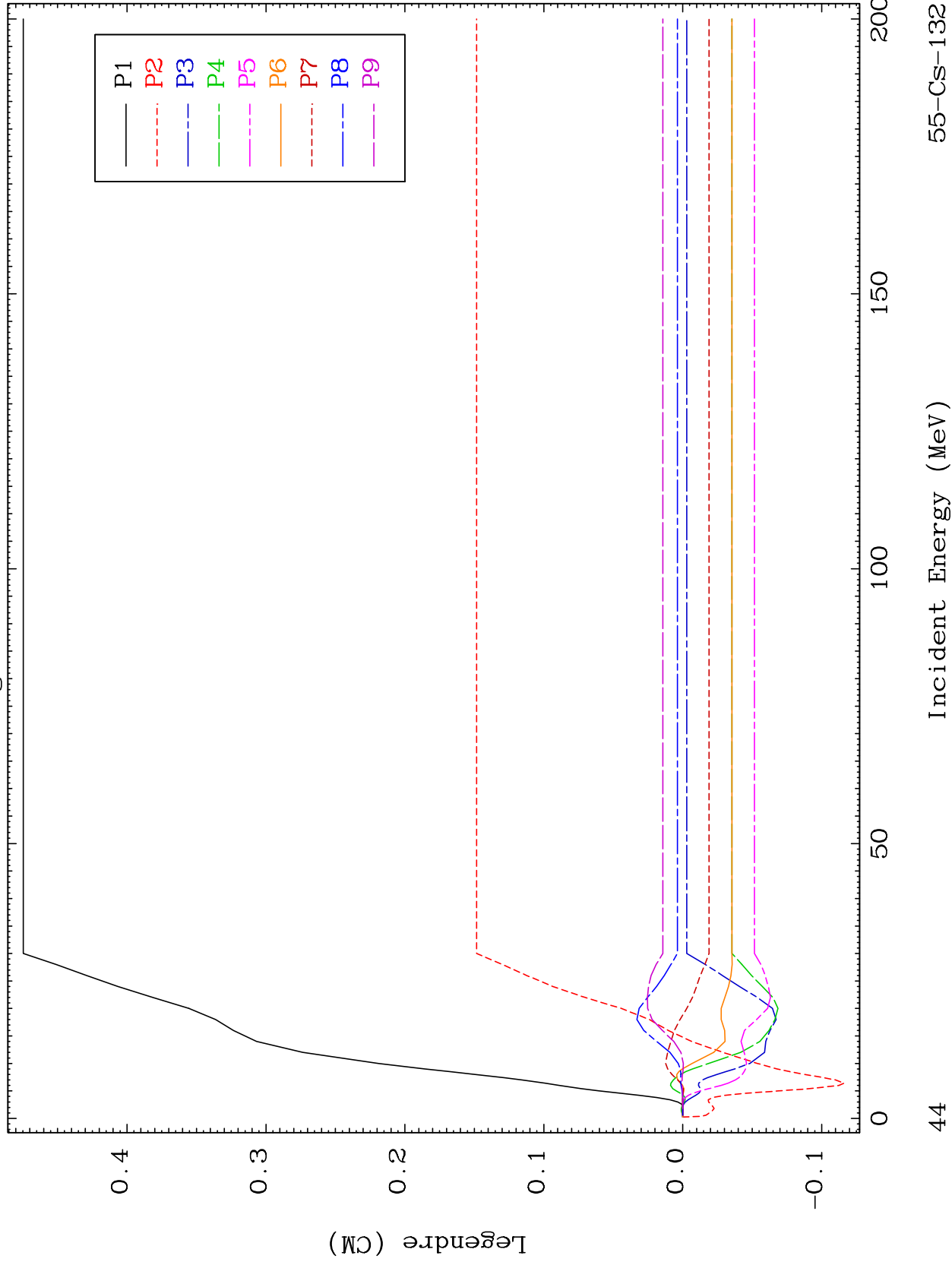
Incident Energy (MeV)

55-Cs-132

MAT 5522

240.1 keV (n,n') Level
Legendre Coefficients

55-Cs-132



55-Cs-132

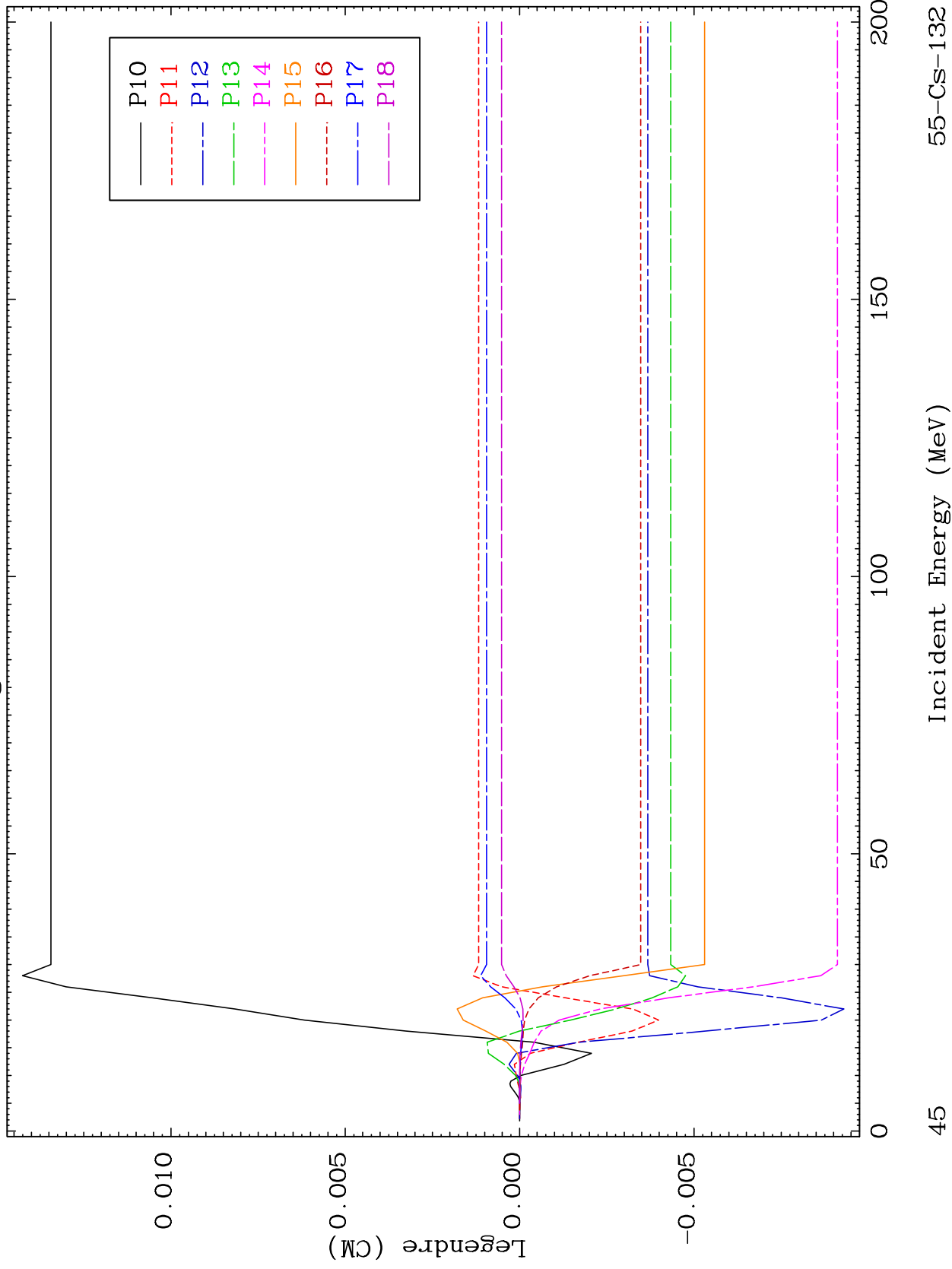
Incident Energy (MeV)

44

MAT 5522

240.1 keV (n,n') Level
Legendre Coefficients

55-Cs-132



55-Cs-132

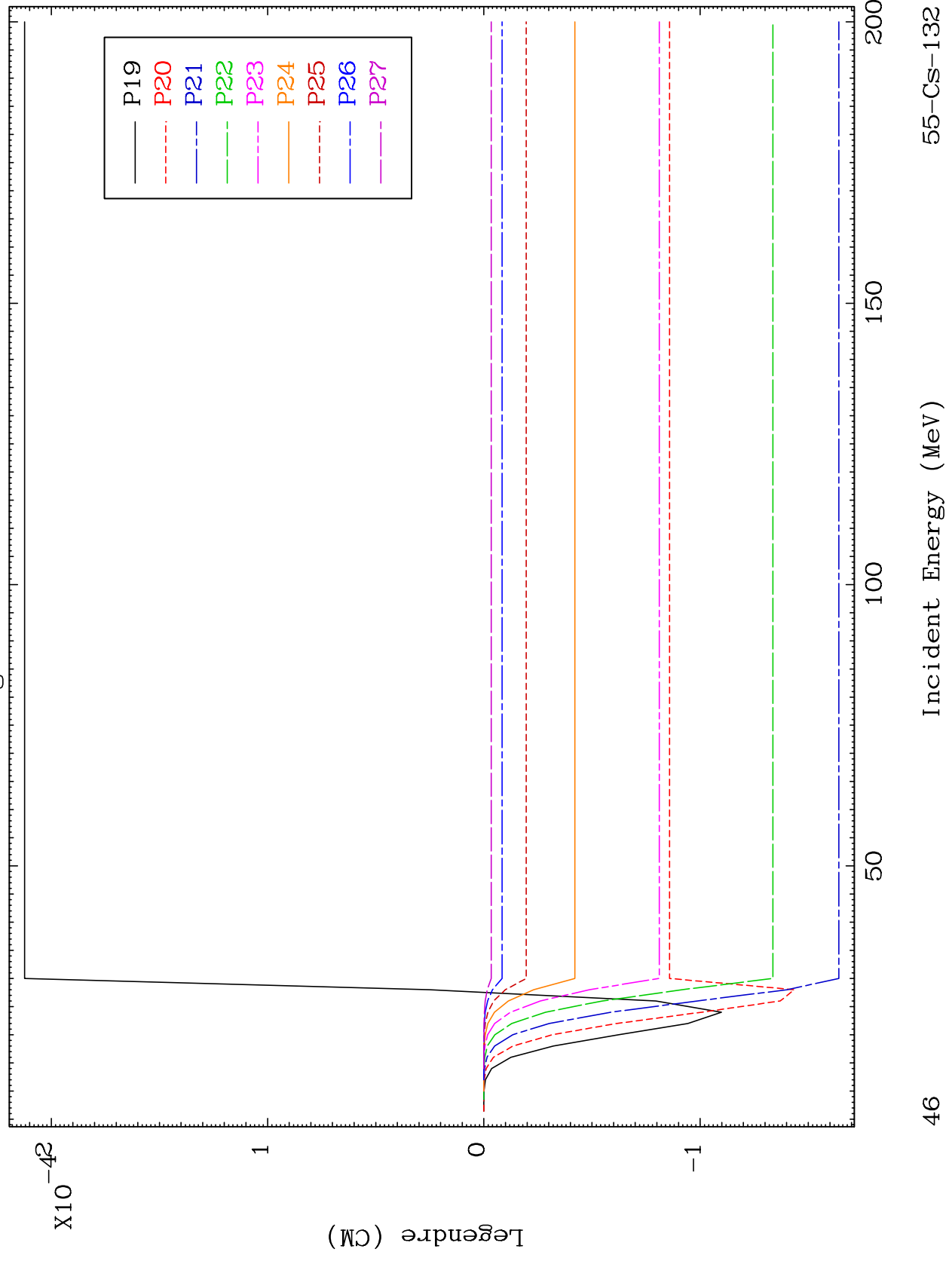
Incident Energy (MeV)

45

MAT 5522

240.1 keV (n,n') Level
Legendre Coefficients

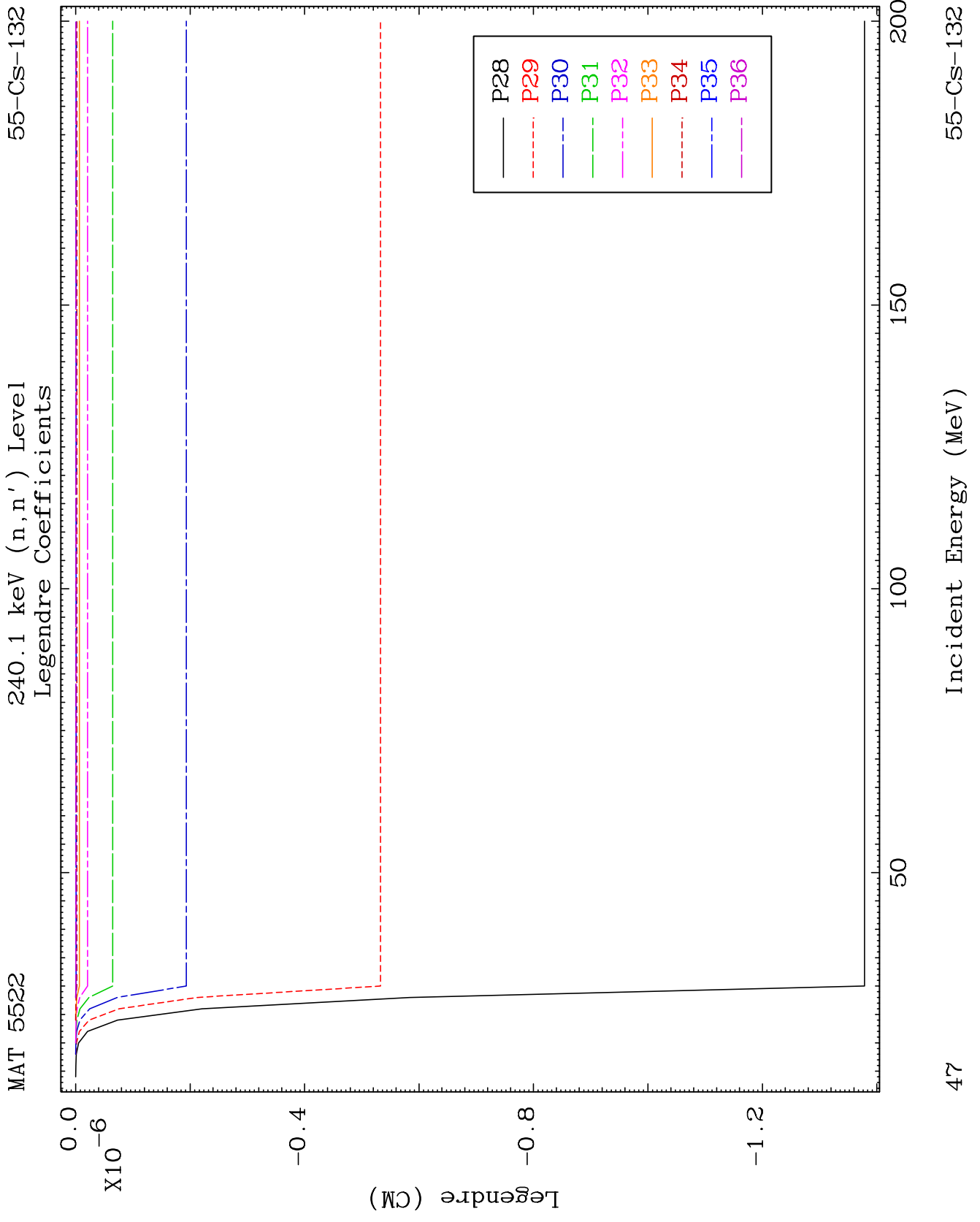
55-Cs-132



46

Incident Energy (MeV)

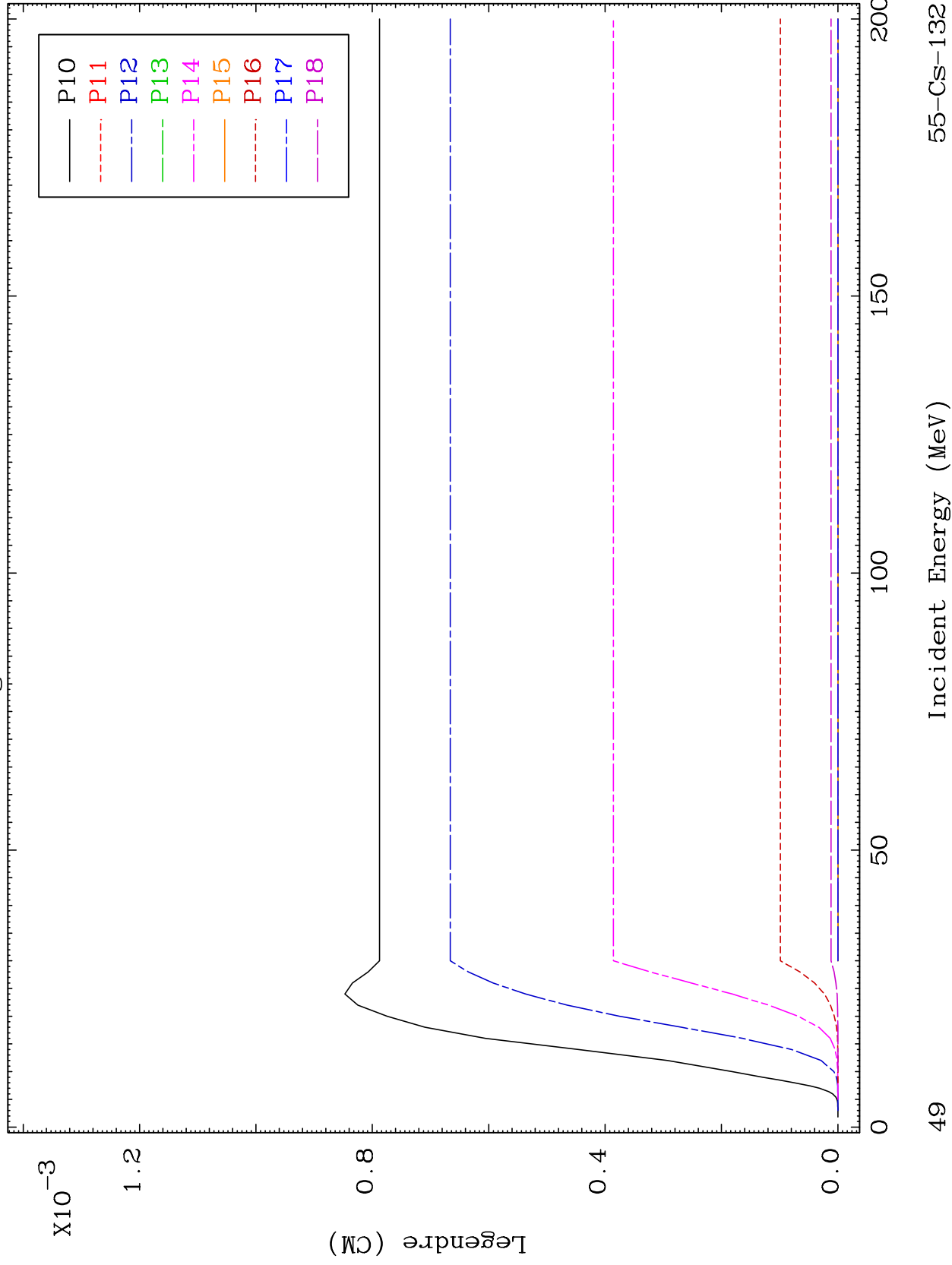
55-Cs-132

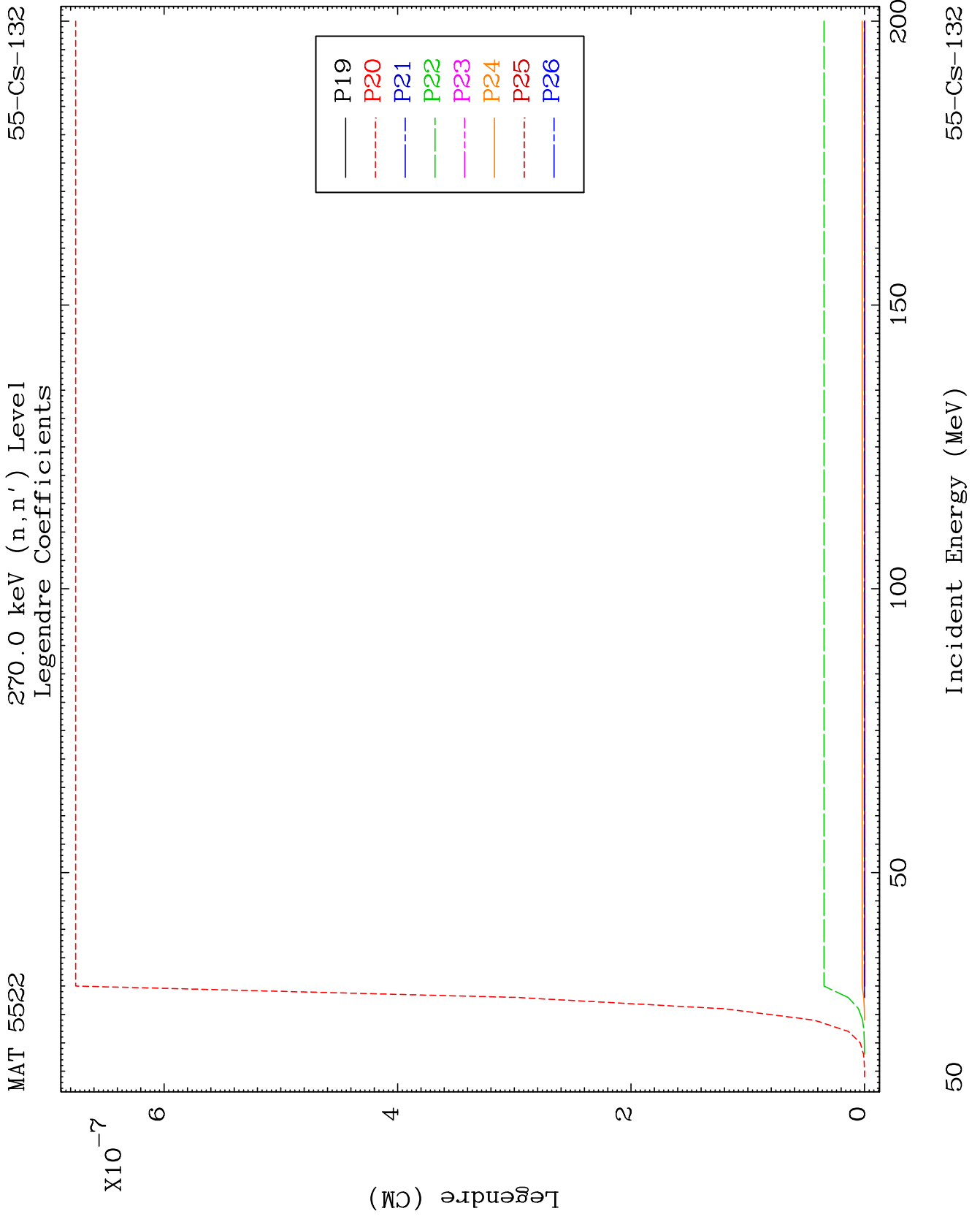


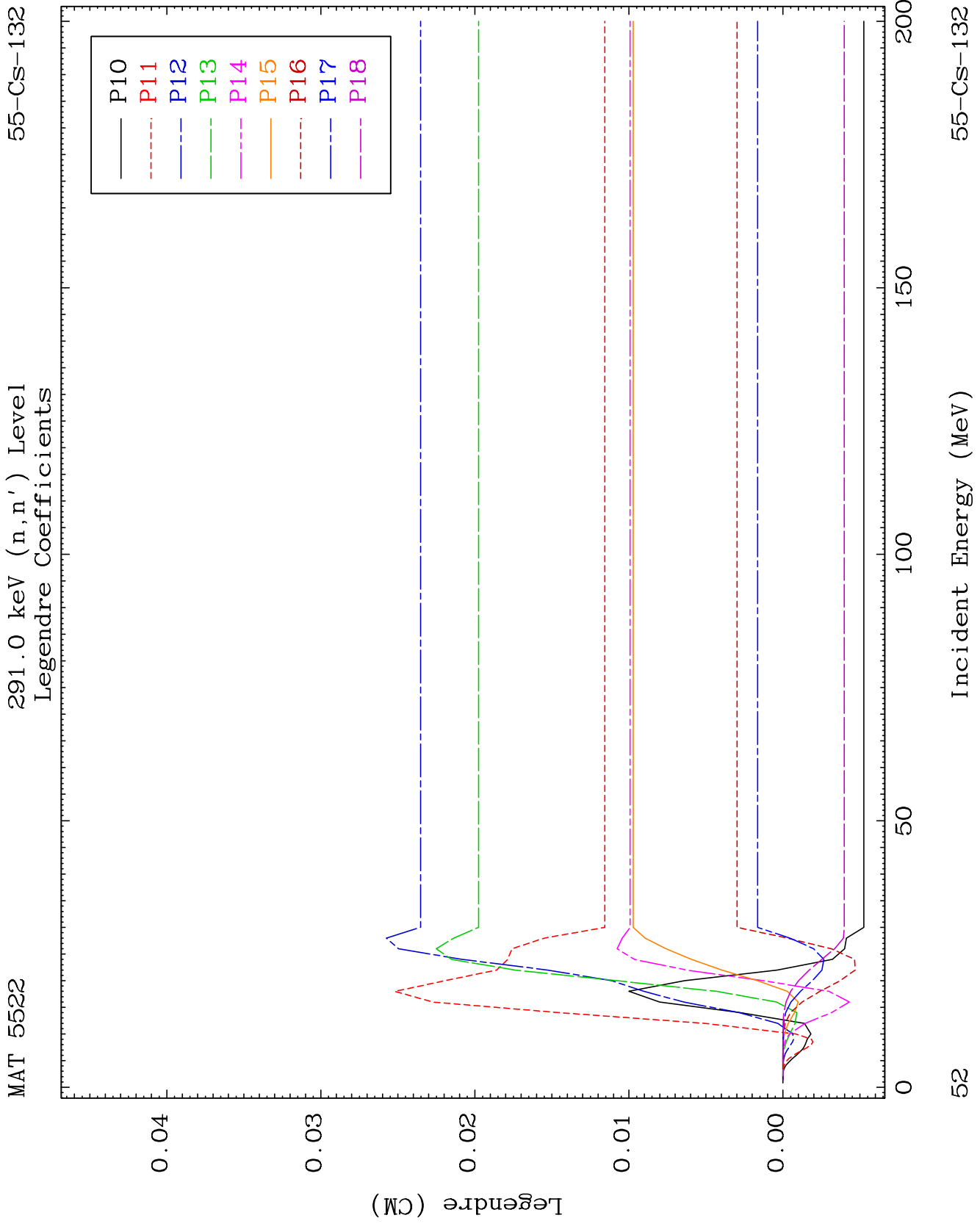
MAT 5522

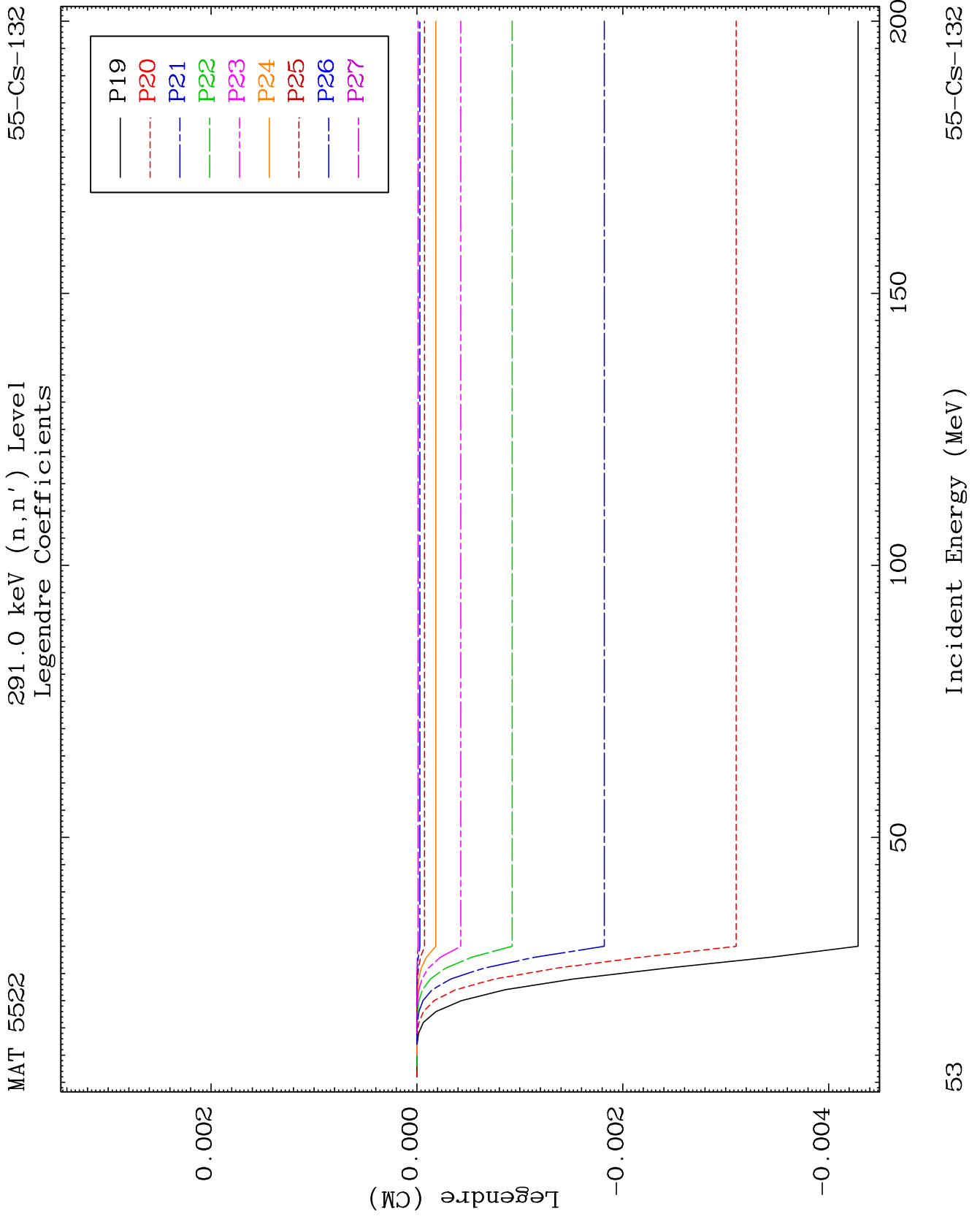
270.0 keV (n,n') Level
Legendre Coefficients

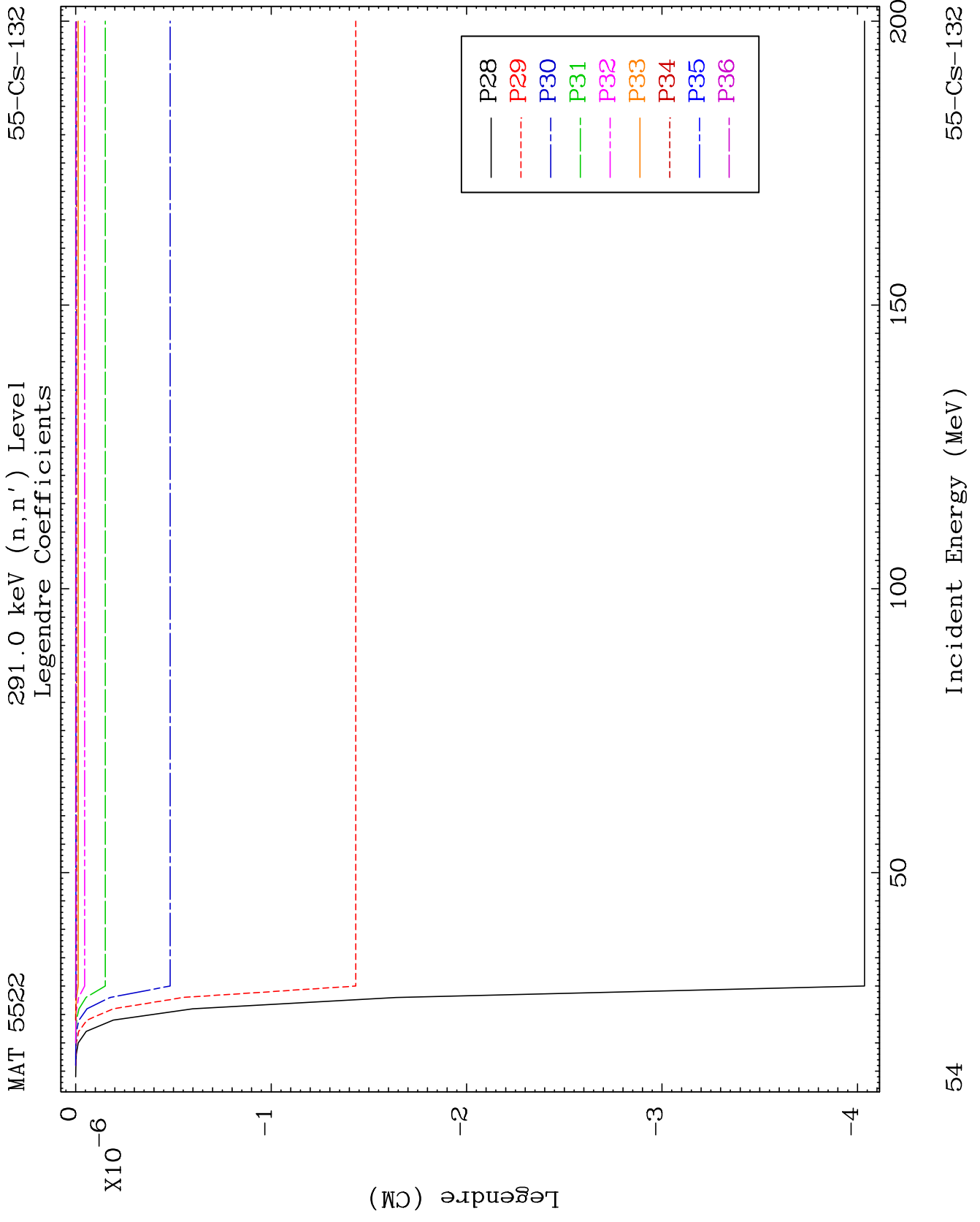
55-Cs-132







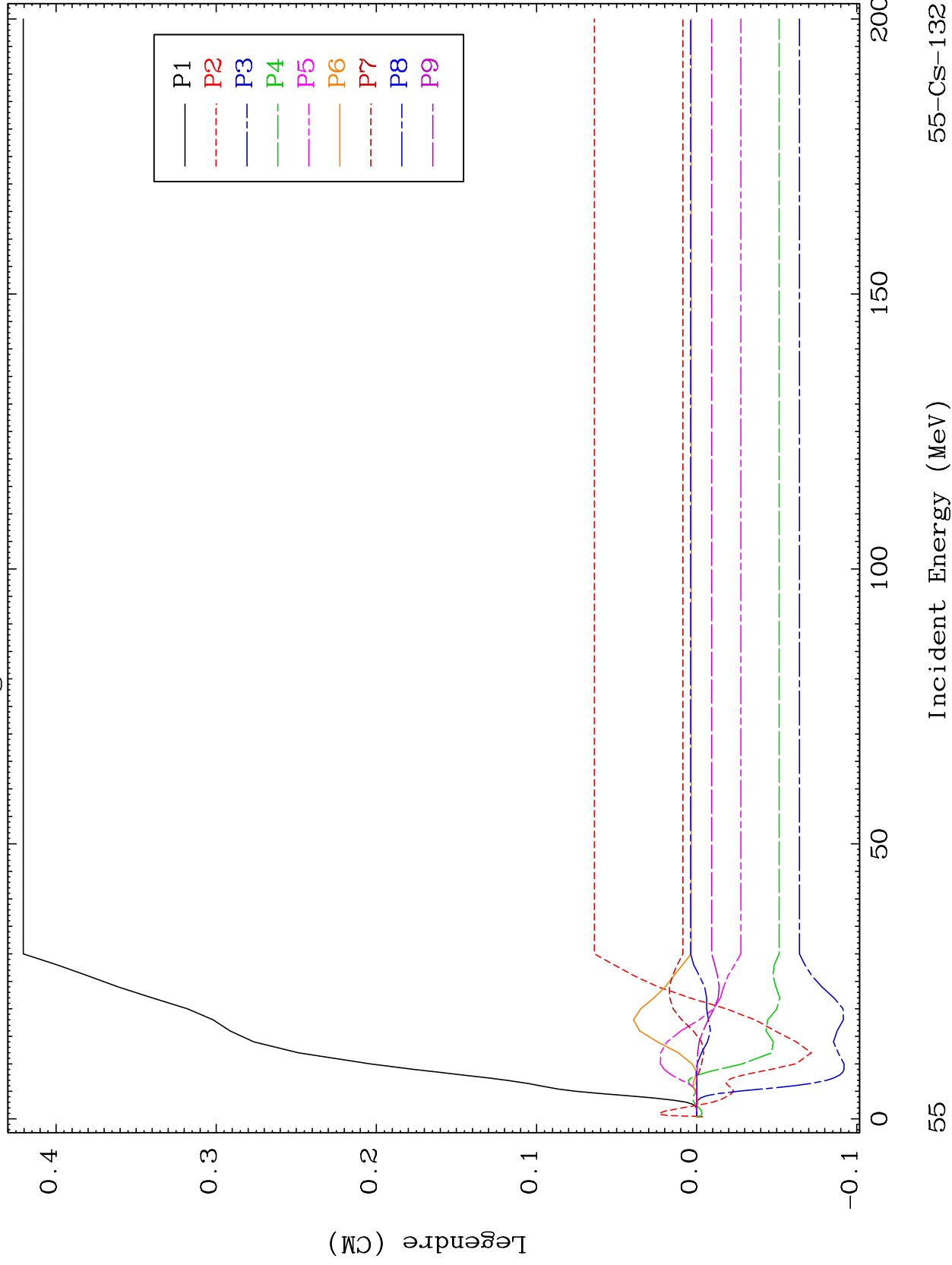




MAT 5522

311.7 keV (n,n') Level
Legendre Coefficients

55-Cs-132



55-Cs-132

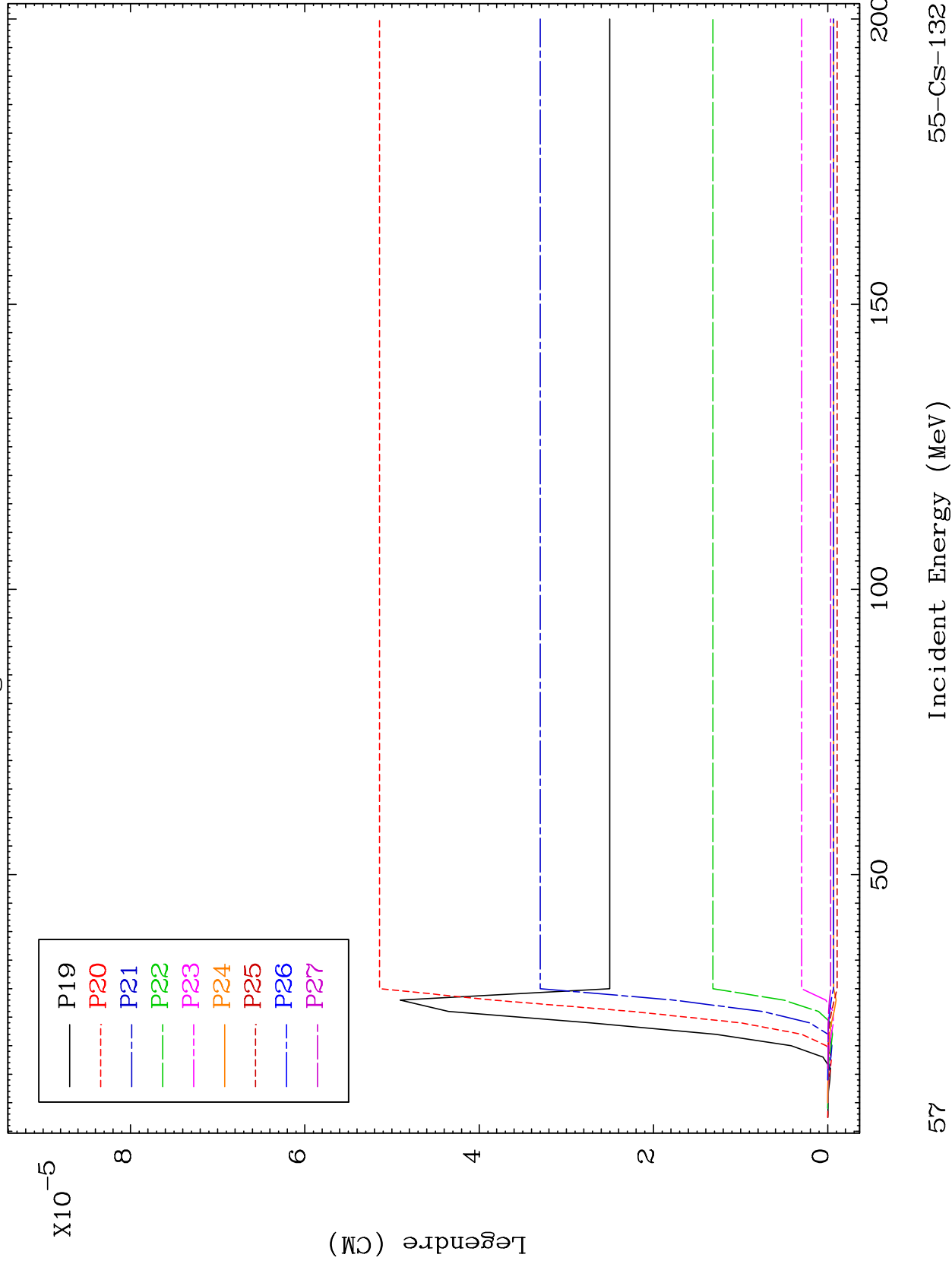
Incident Energy (MeV)

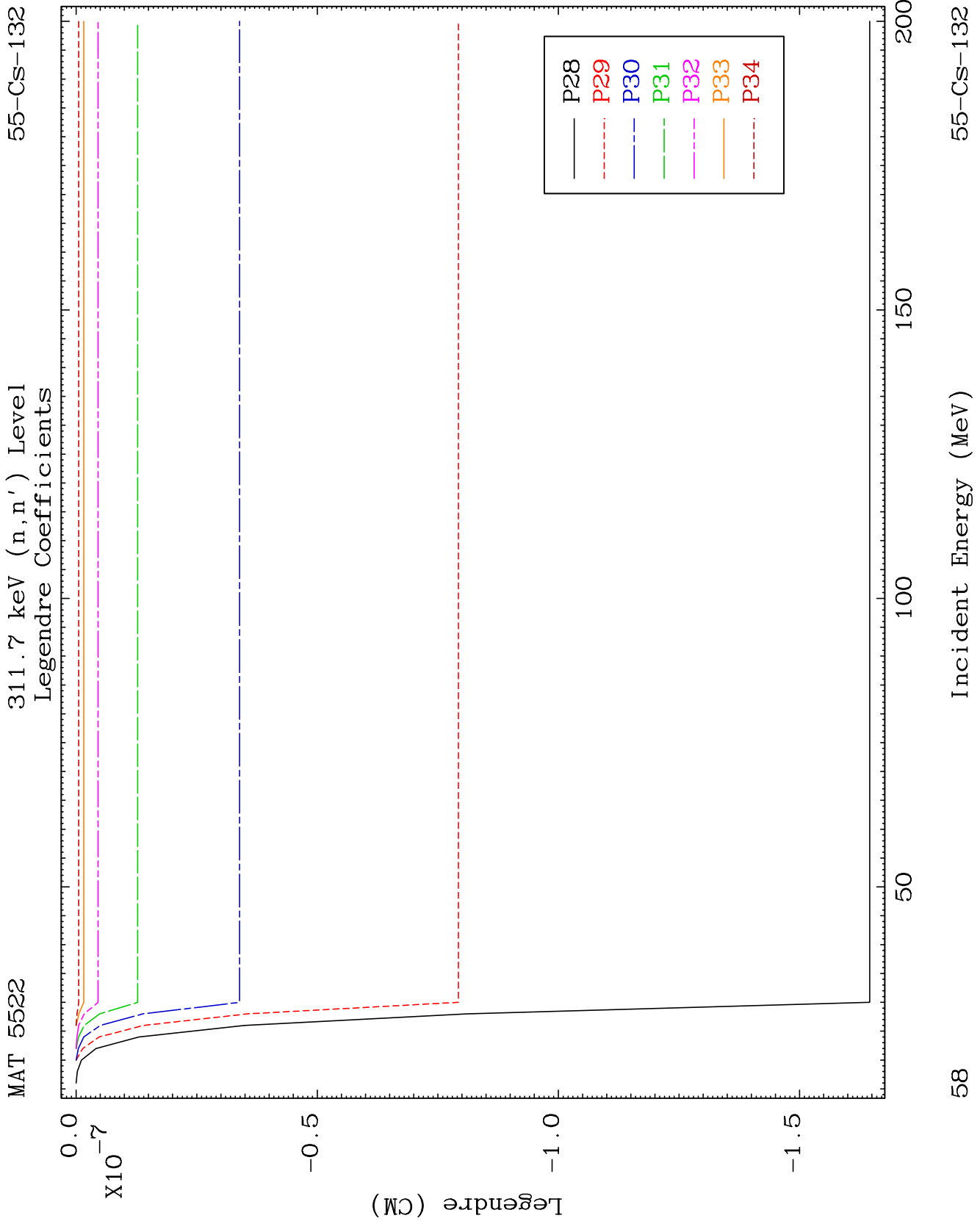
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MAT 5522

311.7 keV (n,n') Level
Legendre Coefficients

55-Cs-132

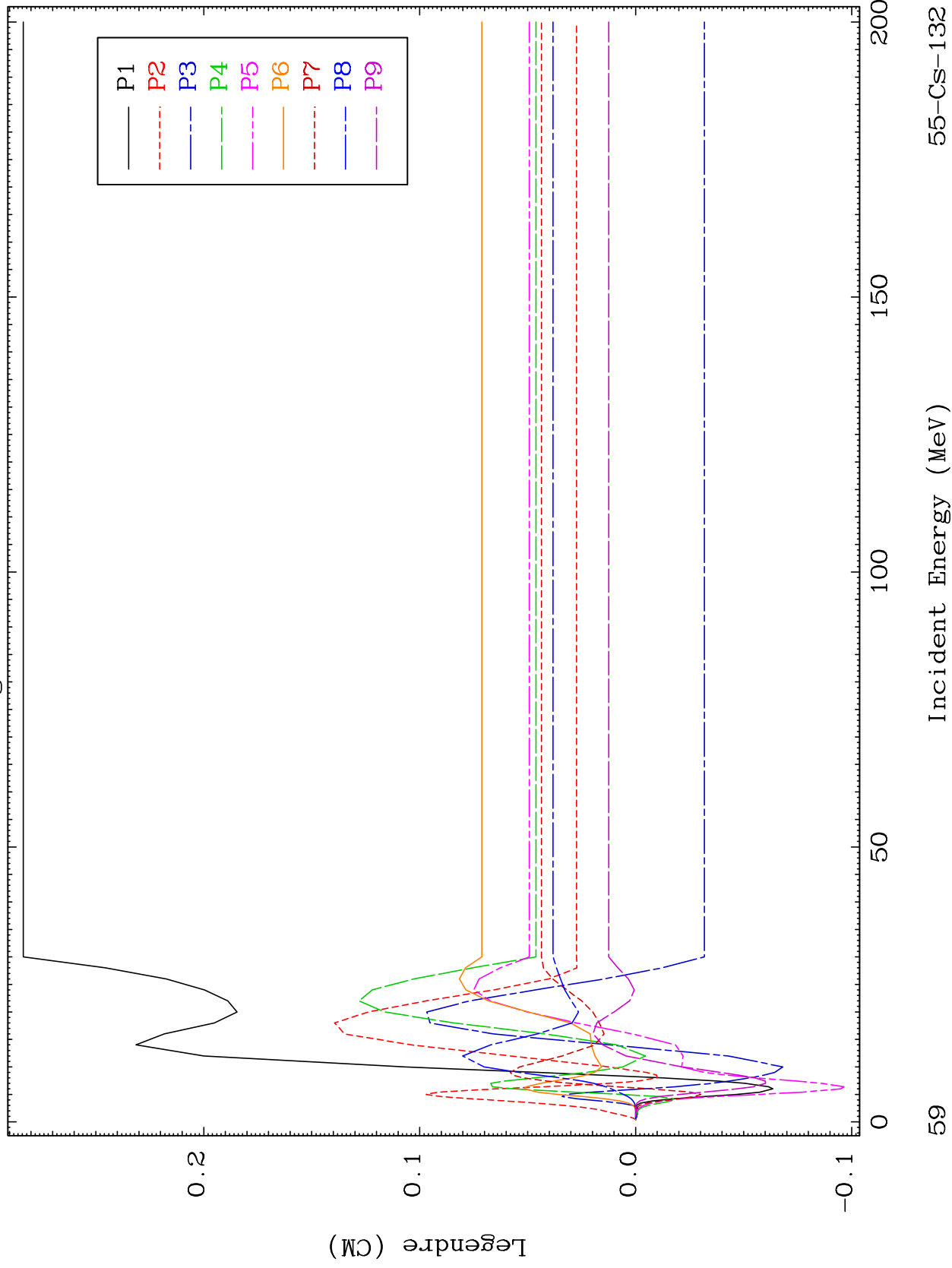




MAT 5522

327.0 keV (n,n') Level
Legendre Coefficients

55-Cs-132



55-Cs-132

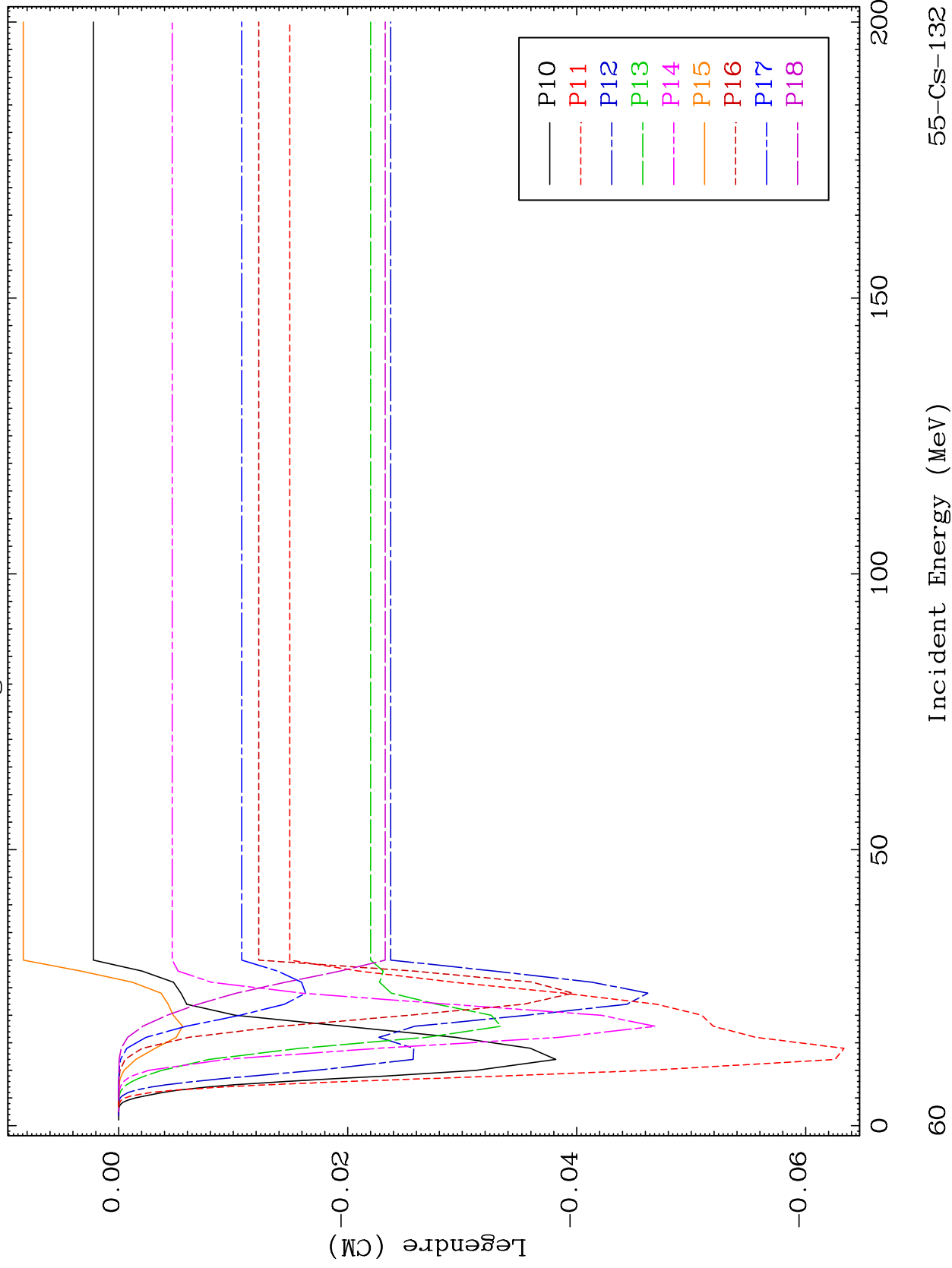
Incident Energy (MeV)

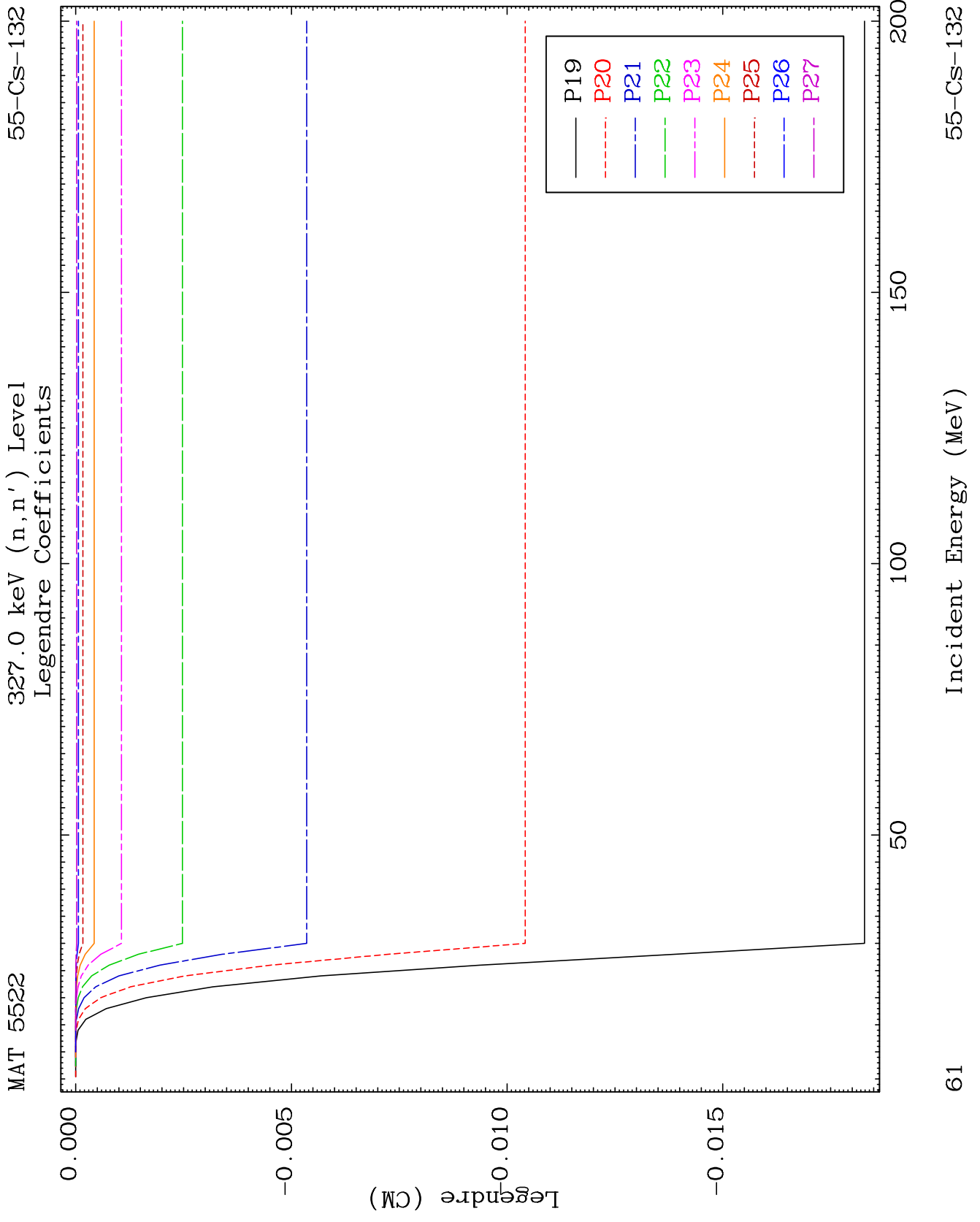
59

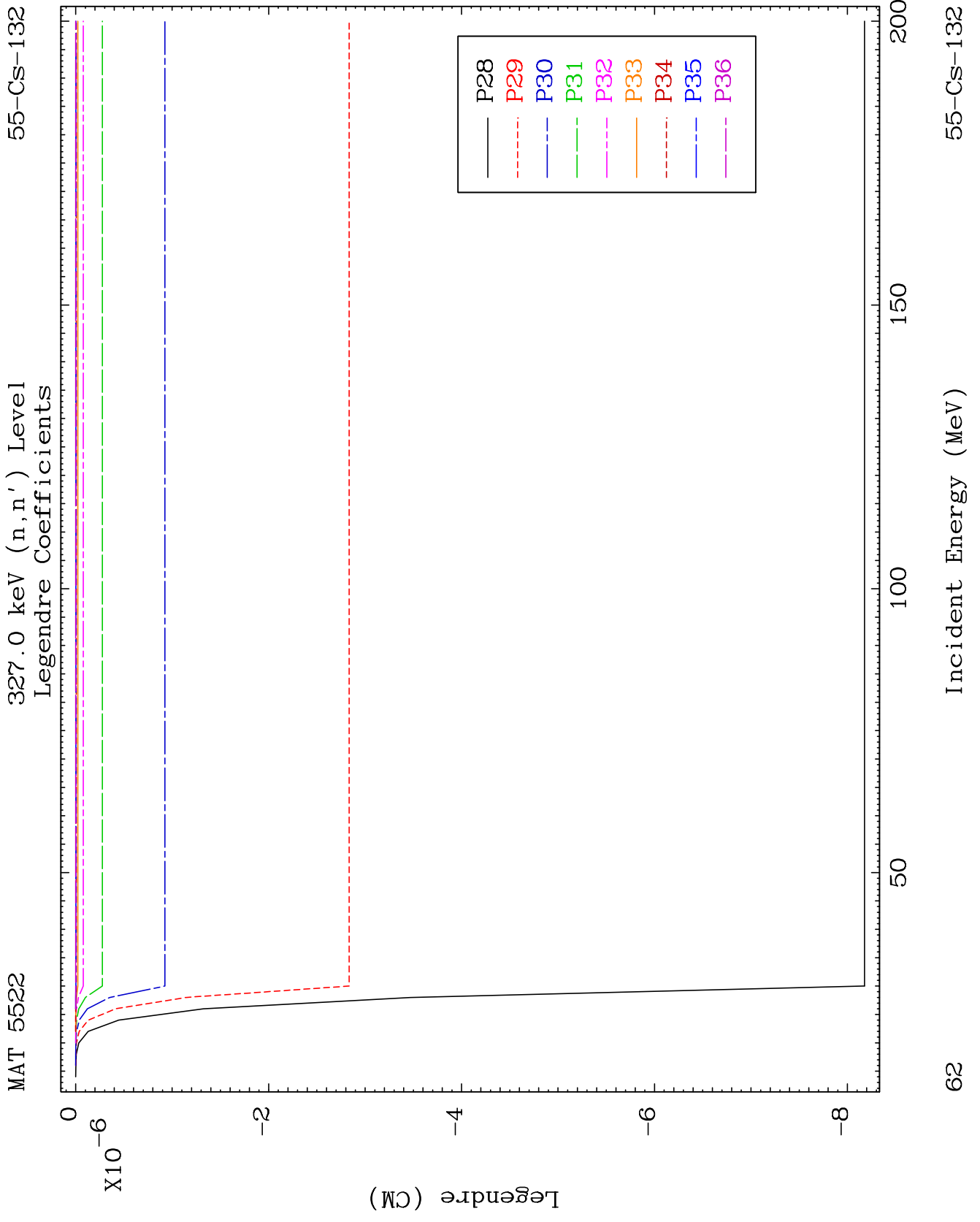
MAT 5522

327.0 keV (n,n') Level
Legendre Coefficients

55-Cs-132



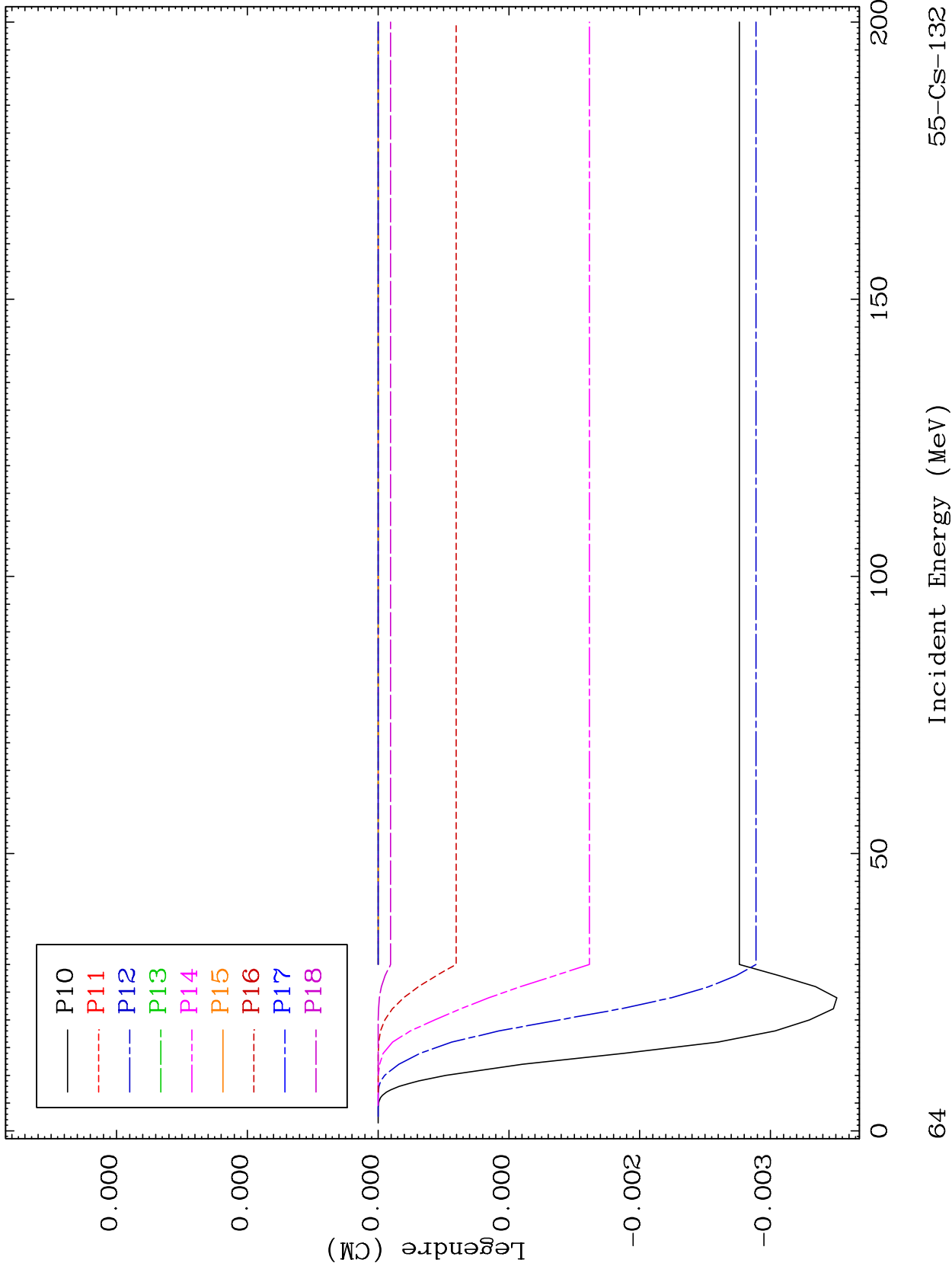




MAT 5522

352.0 keV (n,n') Level
Legendre Coefficients

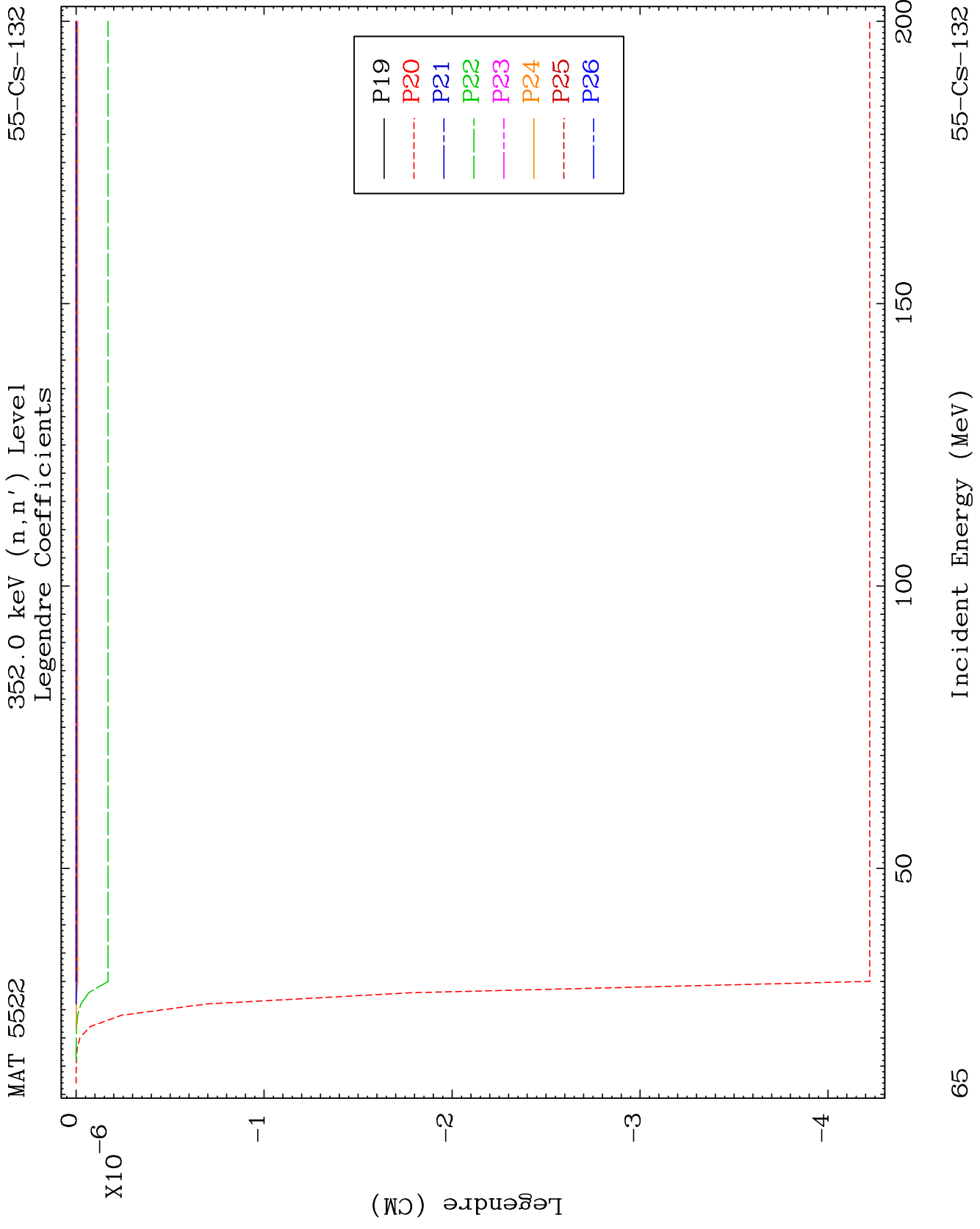
55-Cs-132



64

Incident Energy (MeV)

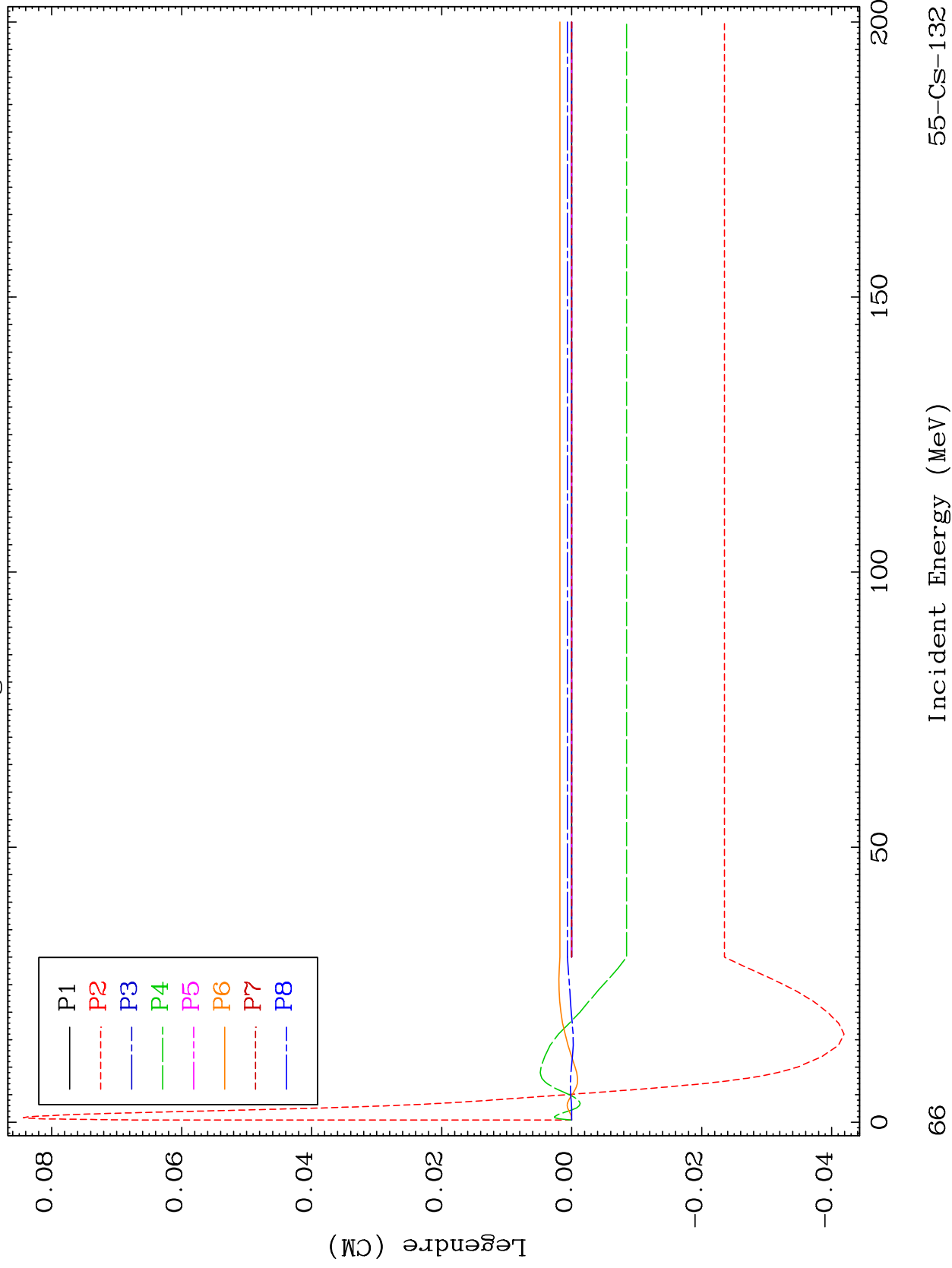
55-Cs-132



MAT 5522

379.3 keV (n,n') Level
Legendre Coefficients

55-Cs-132

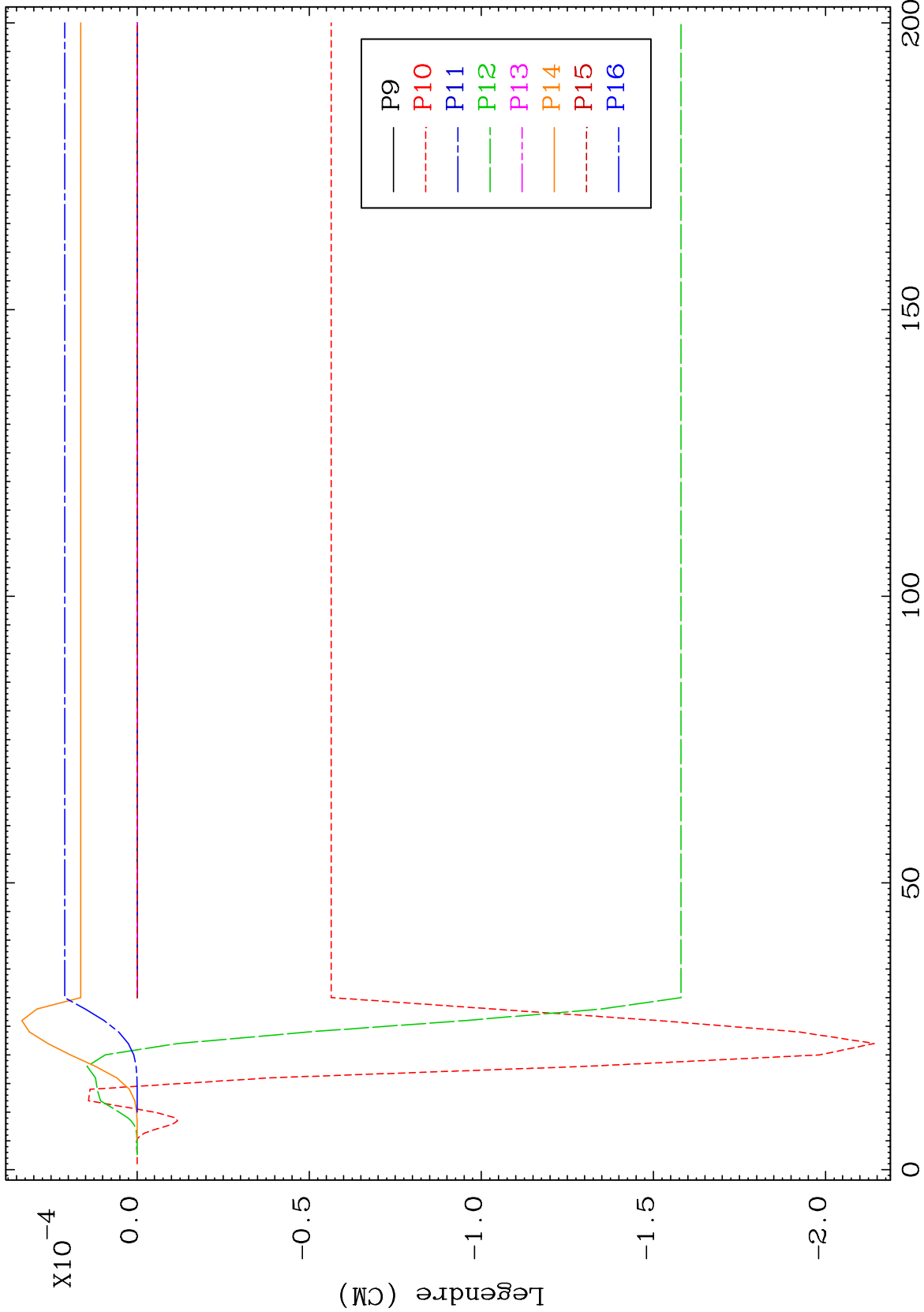


66

MAT 5522

379.3 keV (n,n') Level
Legendre Coefficients

55-Cs-132



67

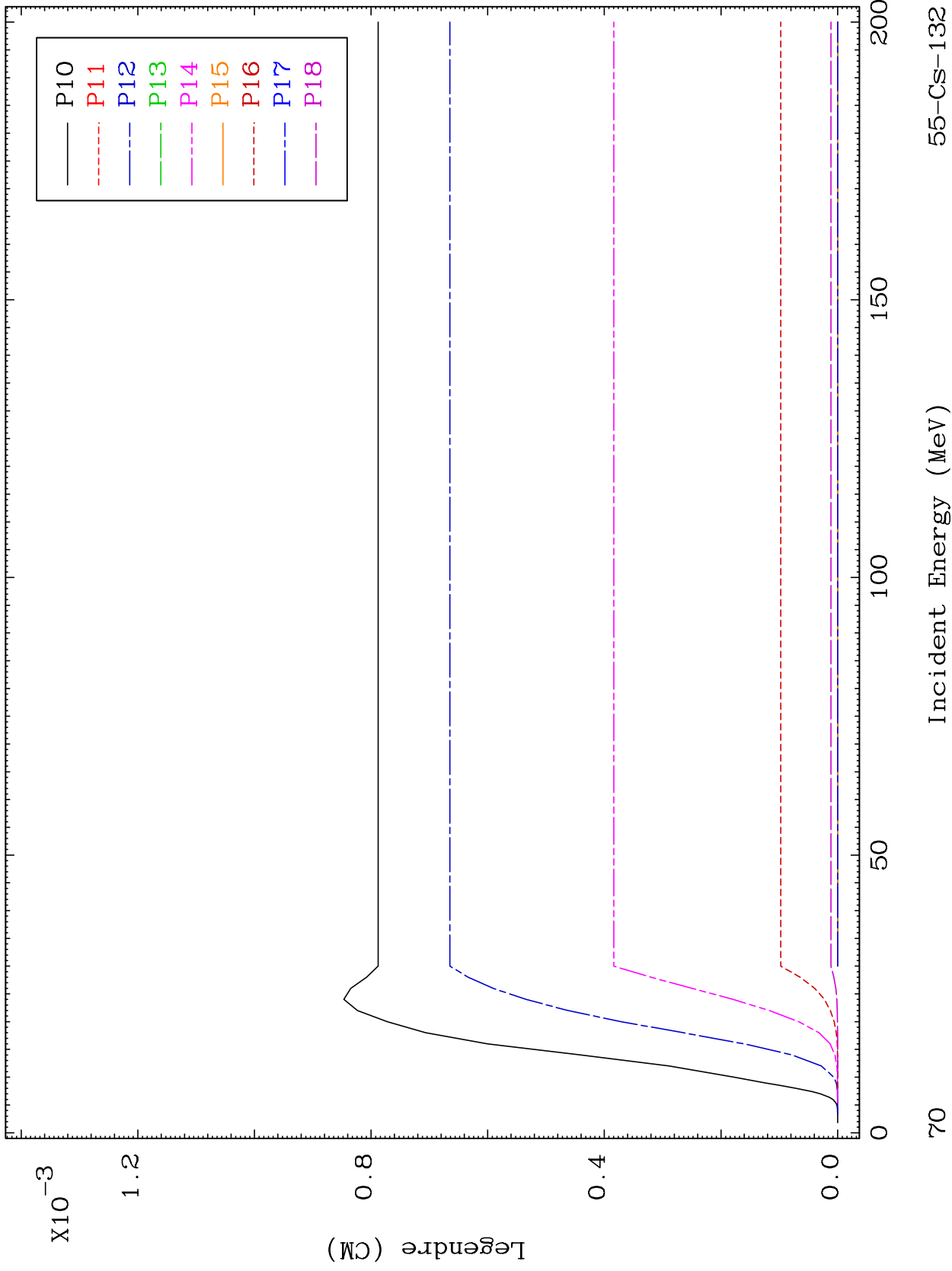
Incident Energy (MeV)

55-Cs-132

MAT 5522

400.0 keV (n,n') Level
Legendre Coefficients

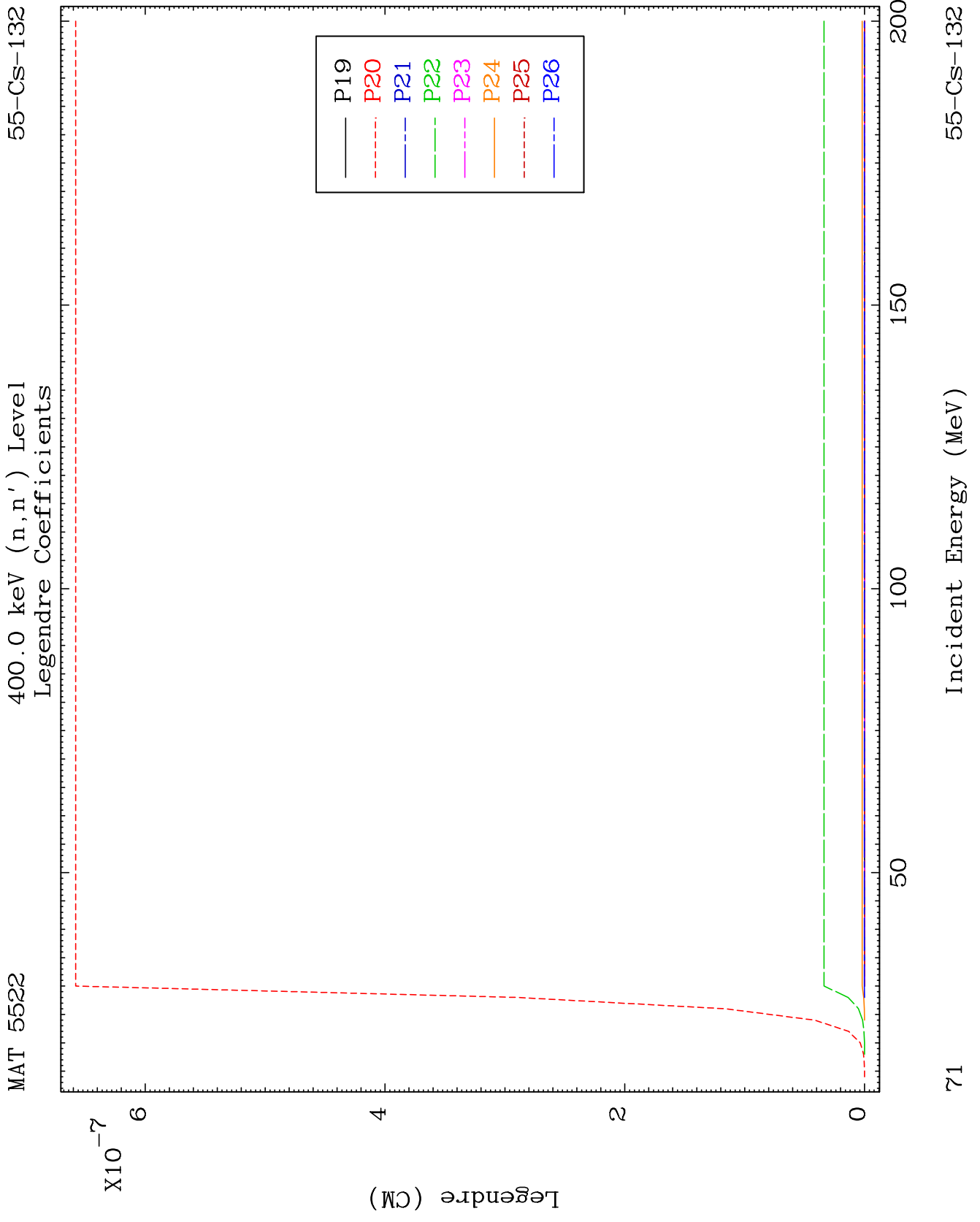
55-Cs-132

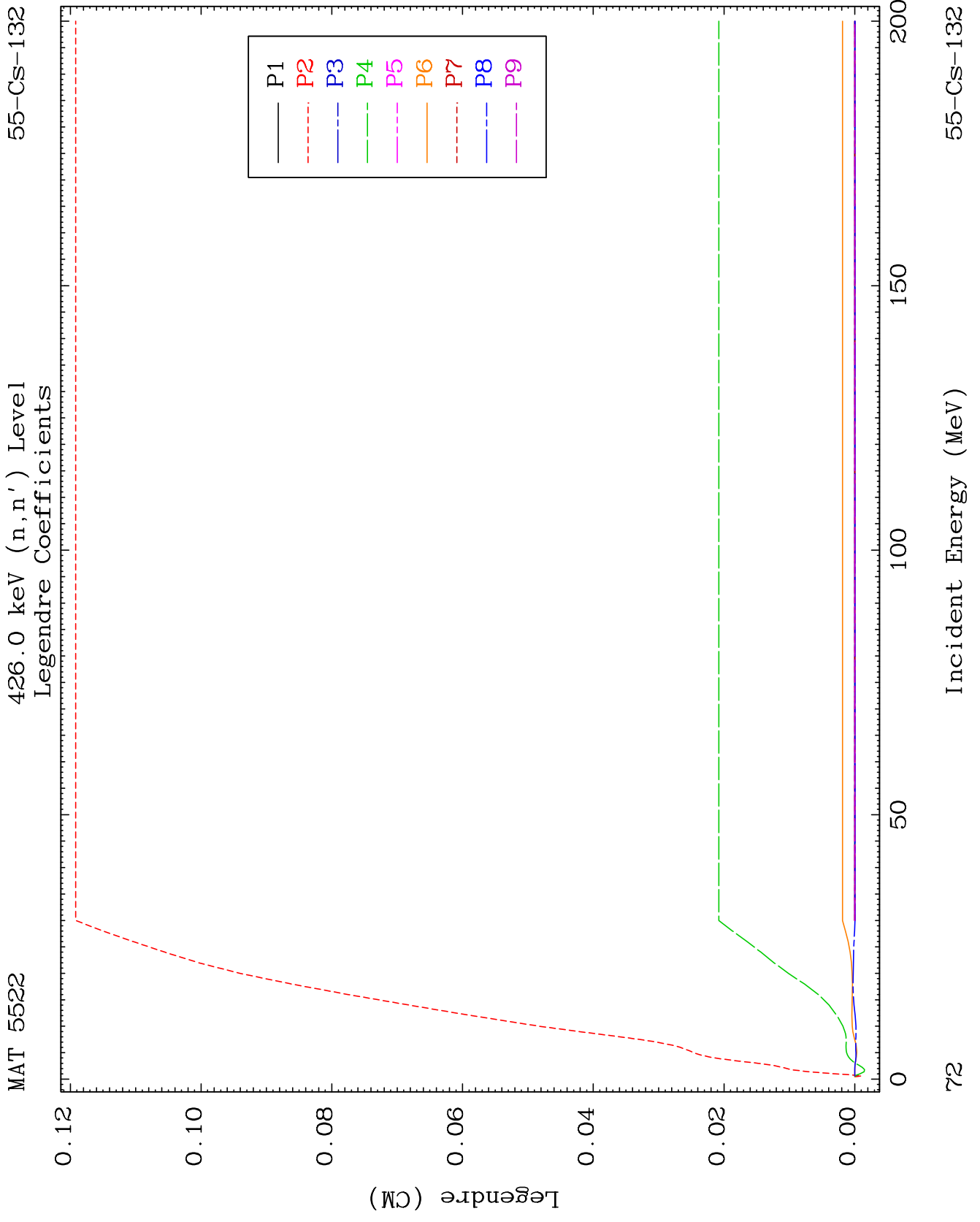


55-Cs-132

Incident Energy (MeV)

70

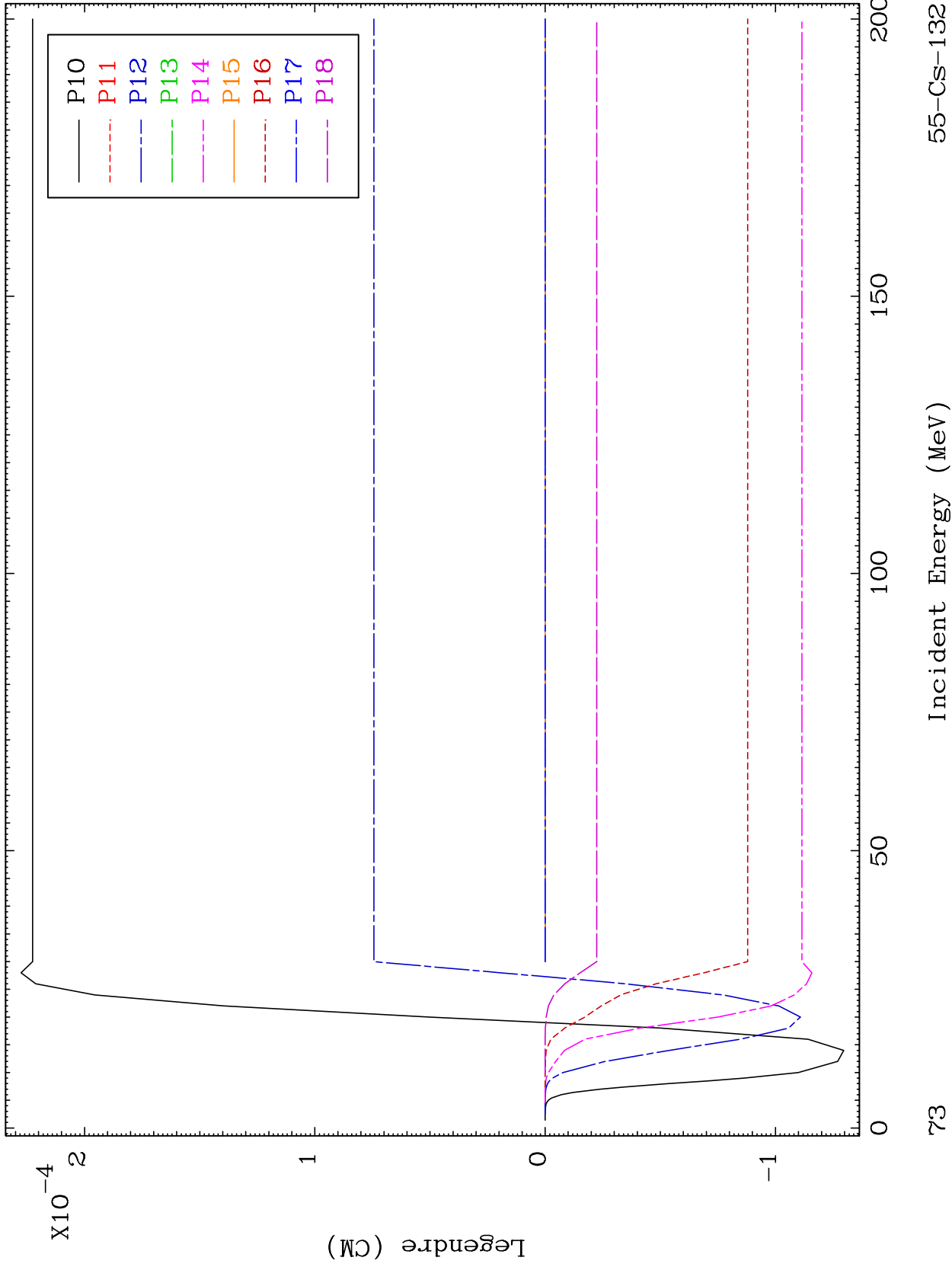


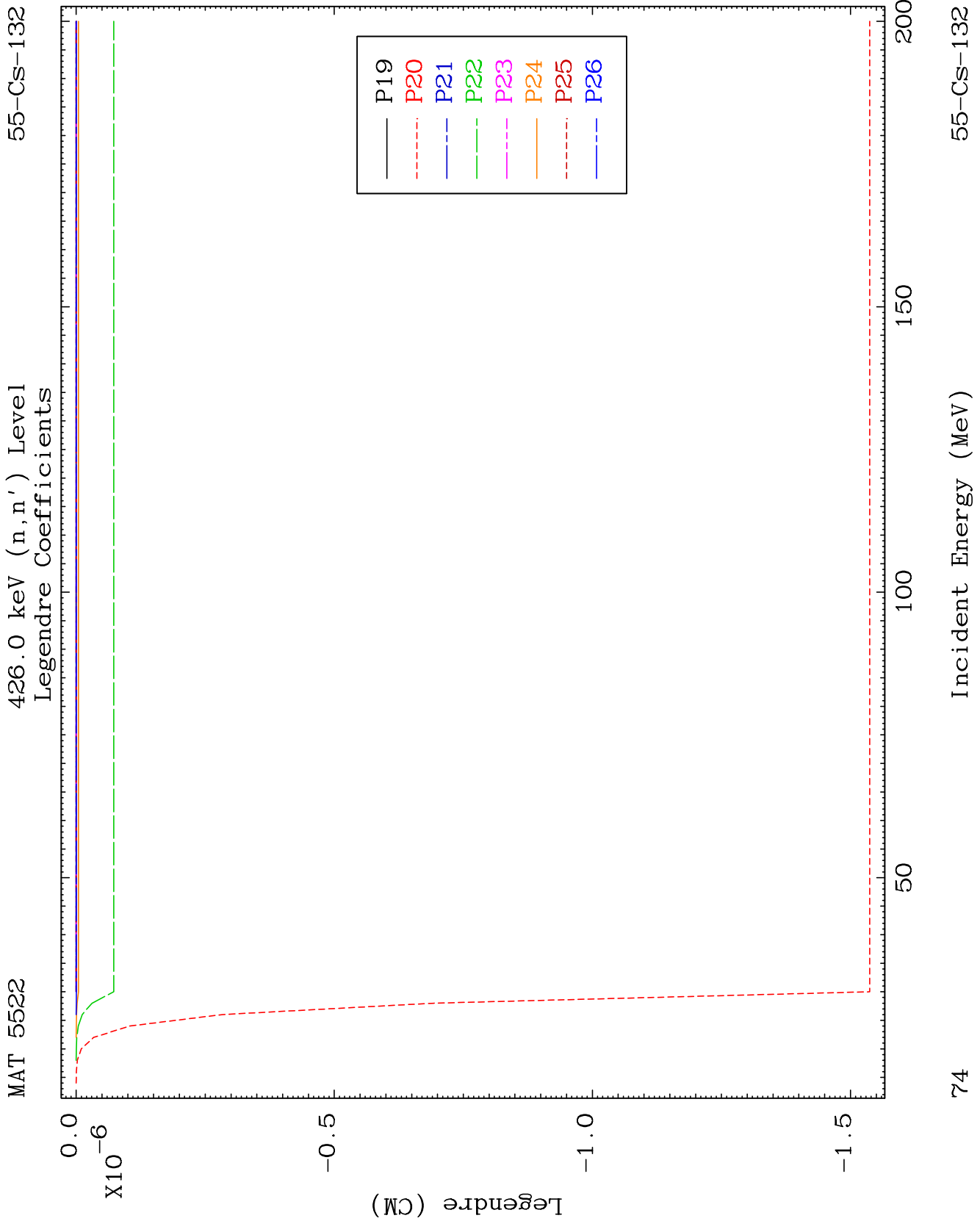


MAT 5522

426.0 keV (n,n') Level
Legendre Coefficients

55-Cs-132

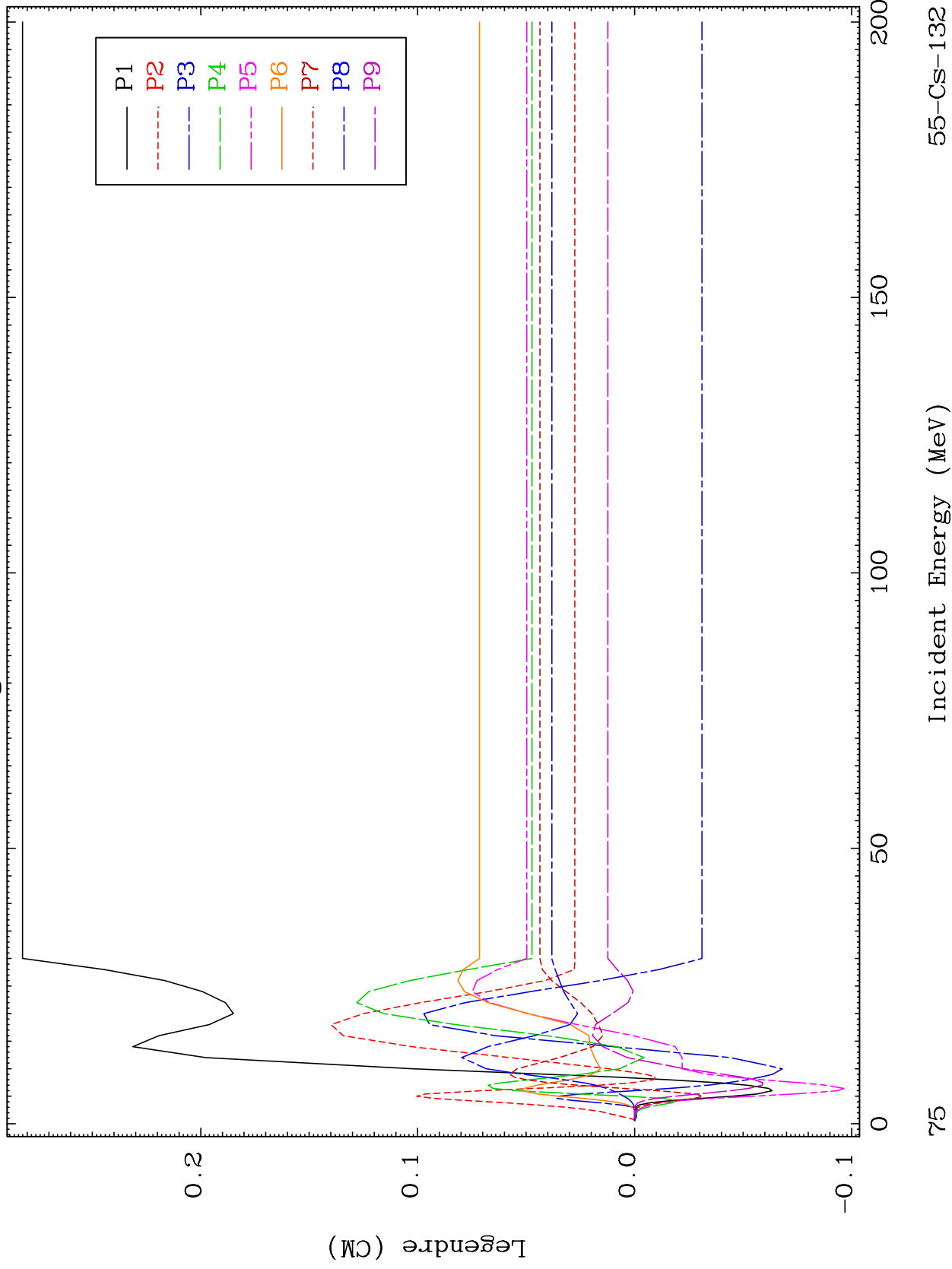




MAT 5522

505.0 keV (n,n') Level
Legendre Coefficients

55-Cs-132



55-Cs-132

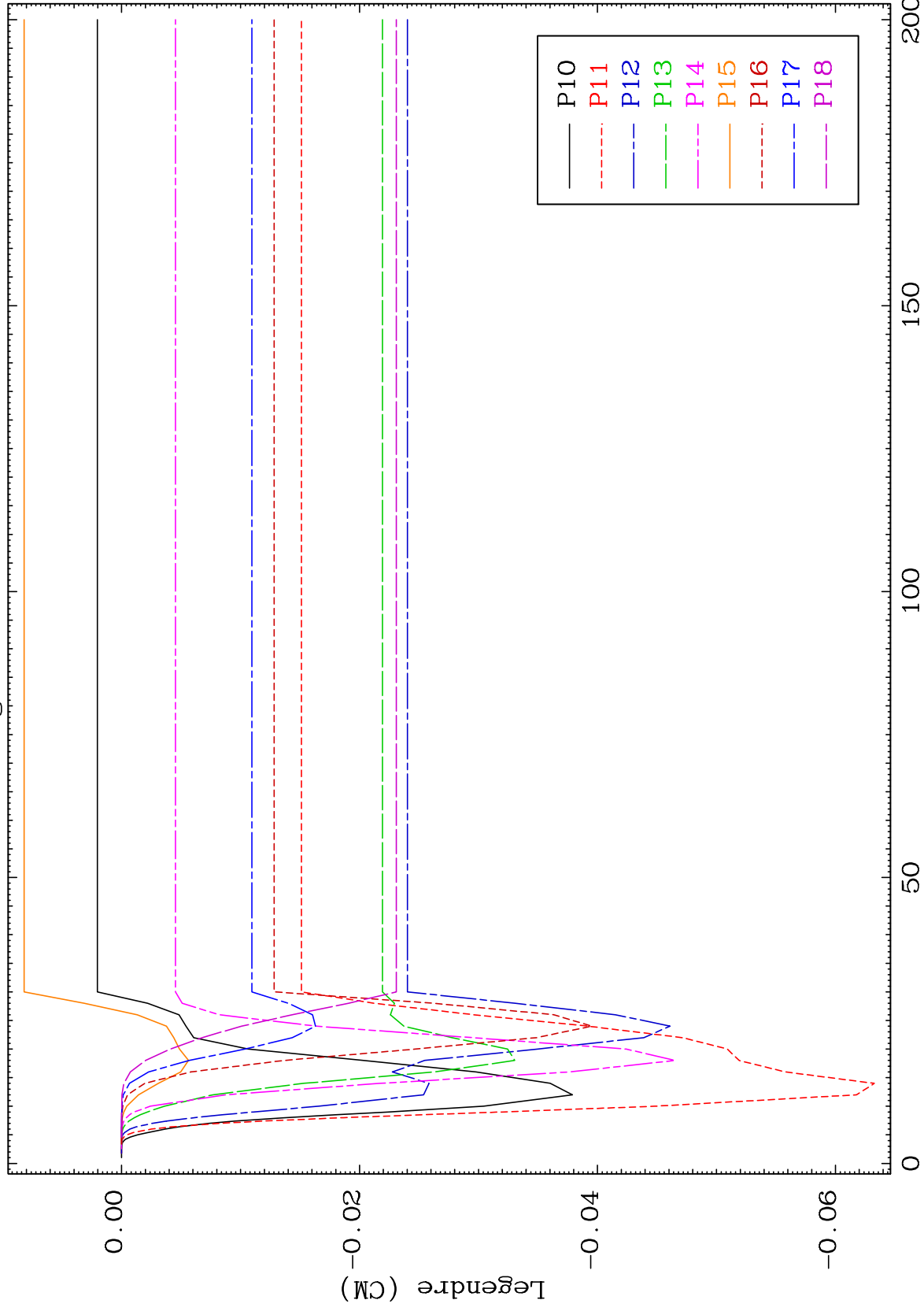
Incident Energy (MeV)

75

MAT 5522

505.0 keV (n,n') Level
Legendre Coefficients

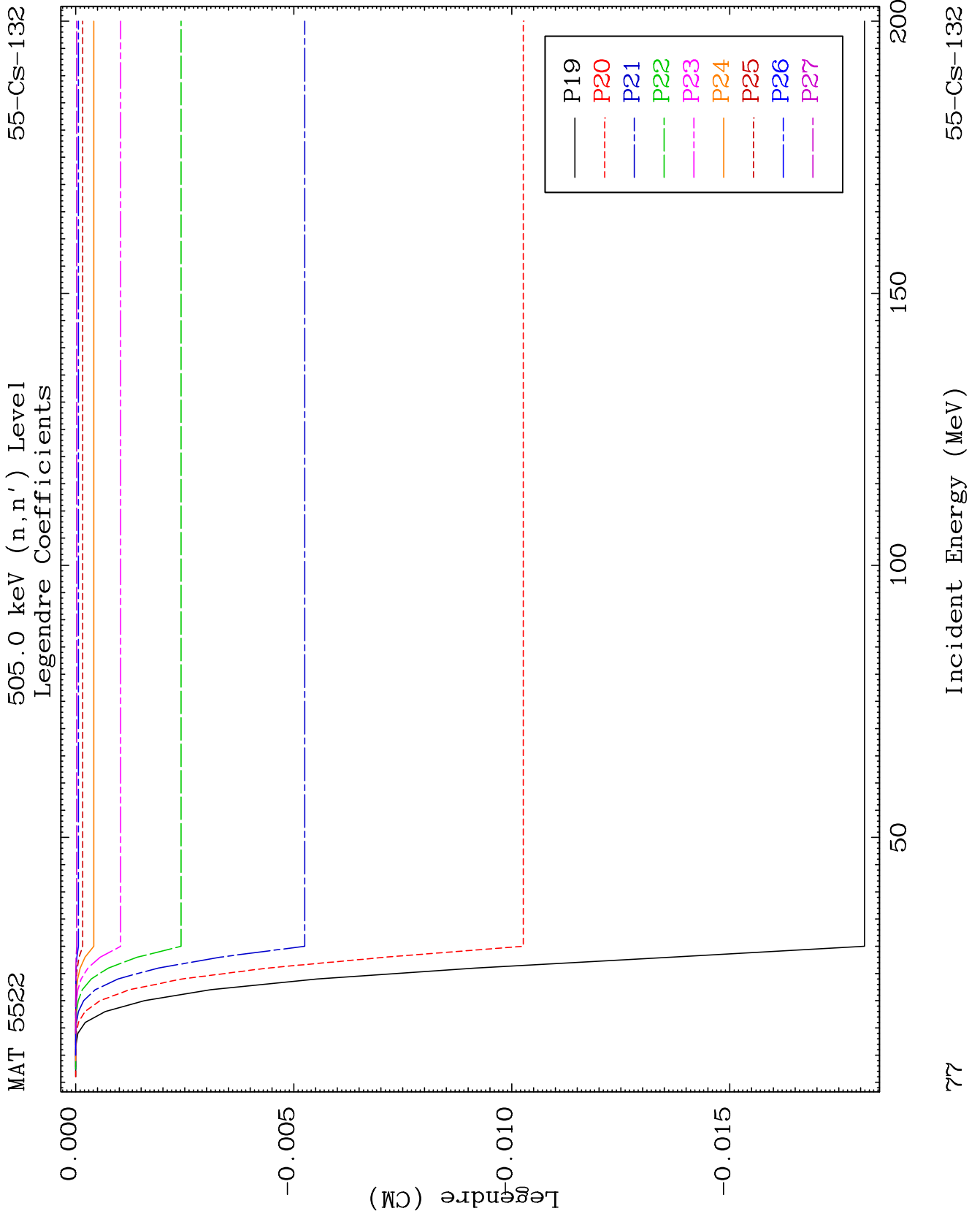
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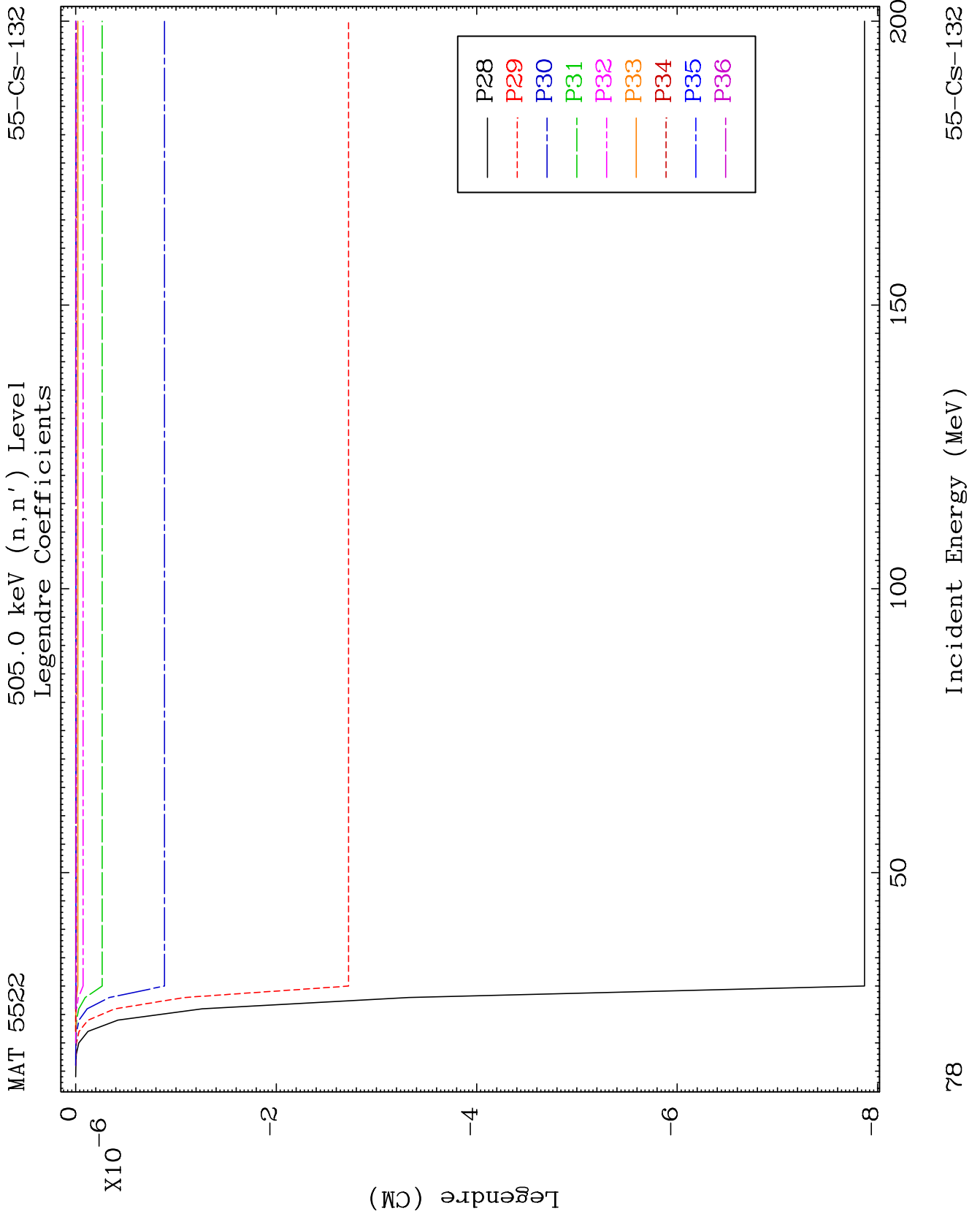


76

Incident Energy (MeV)

55-Cs-132

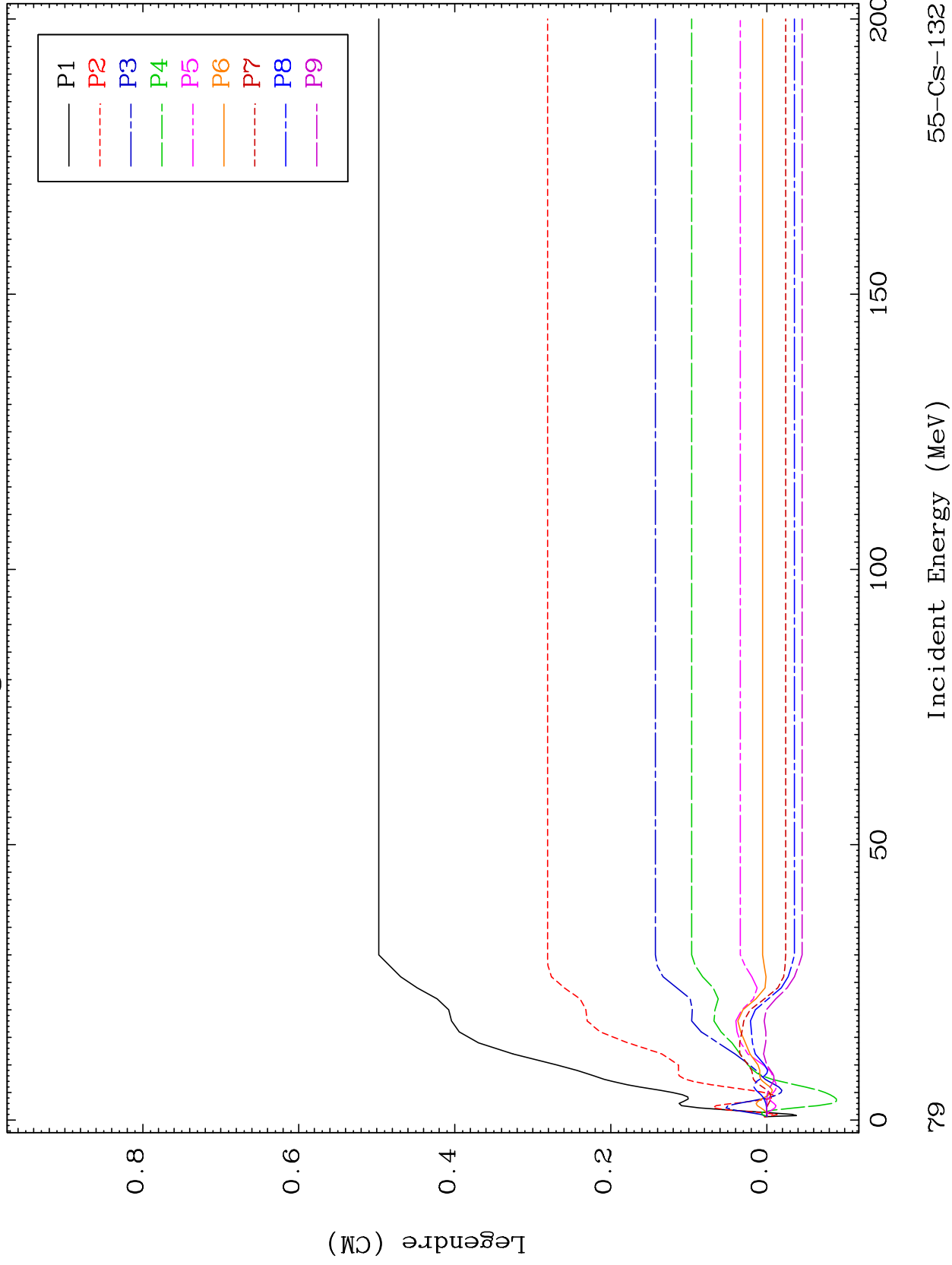




MAT 5522

521.0 keV (n,n') Level
Legendre Coefficients

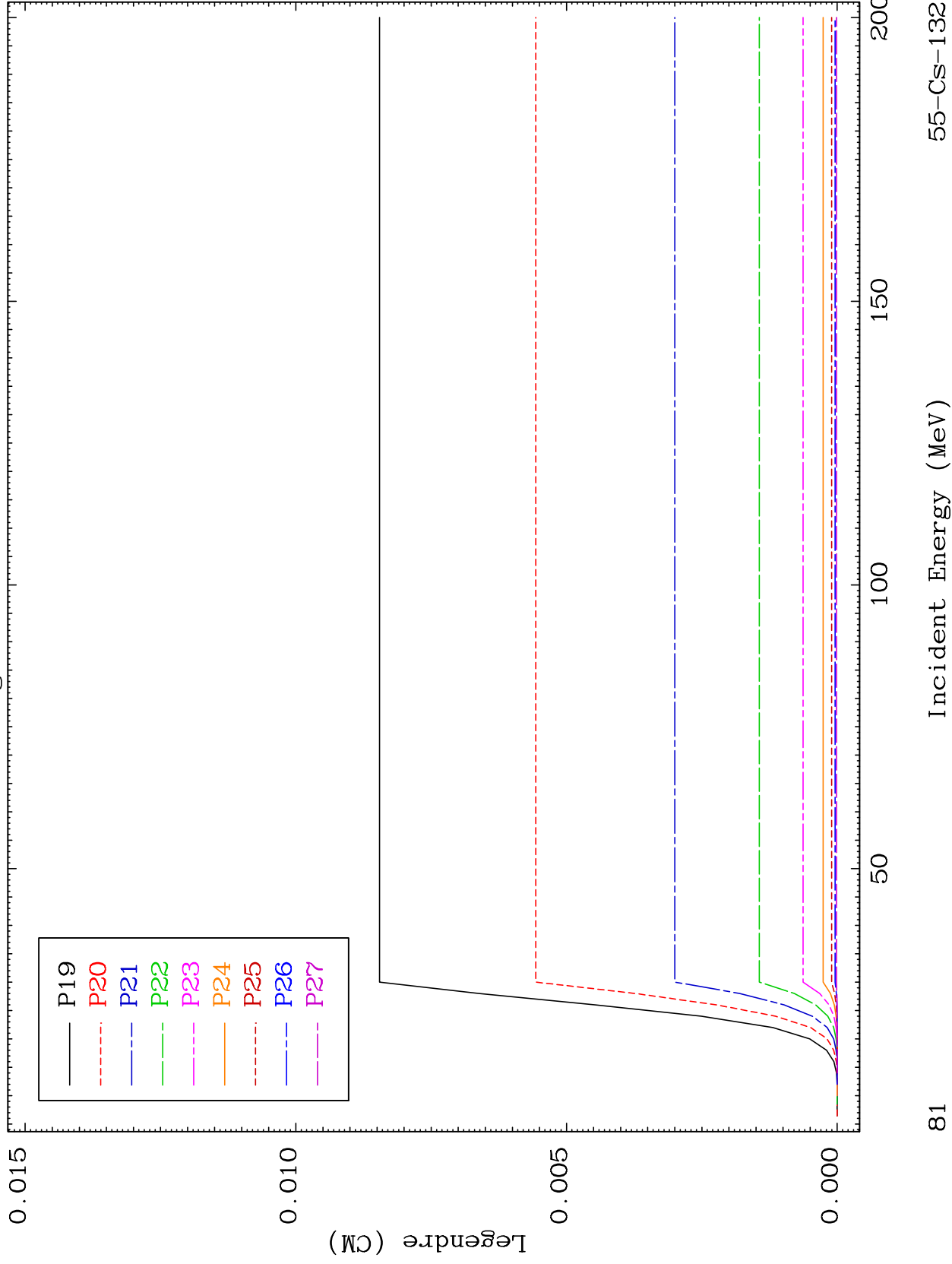
55-Cs-132

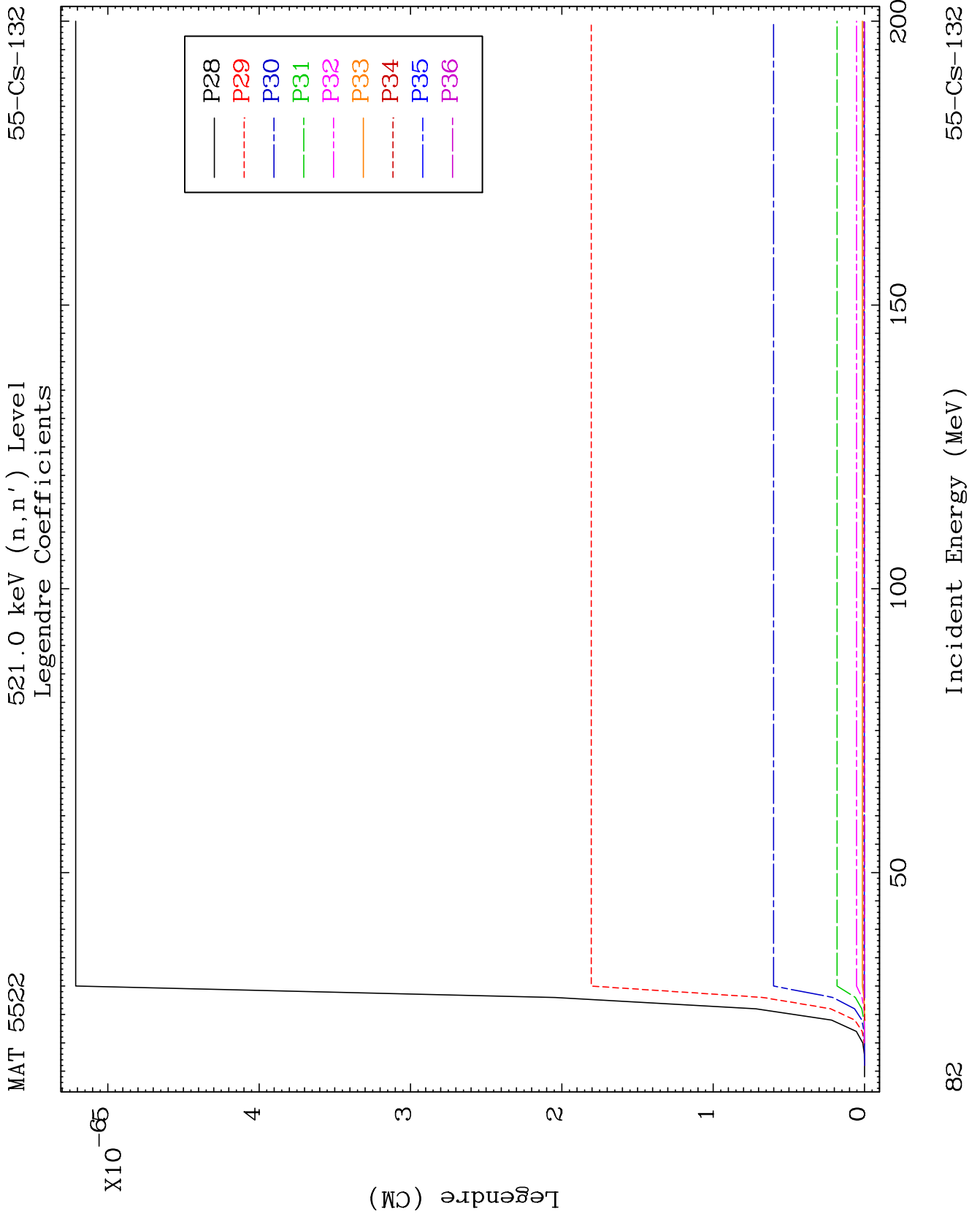


55-Cs-132

Incident Energy (MeV)

79

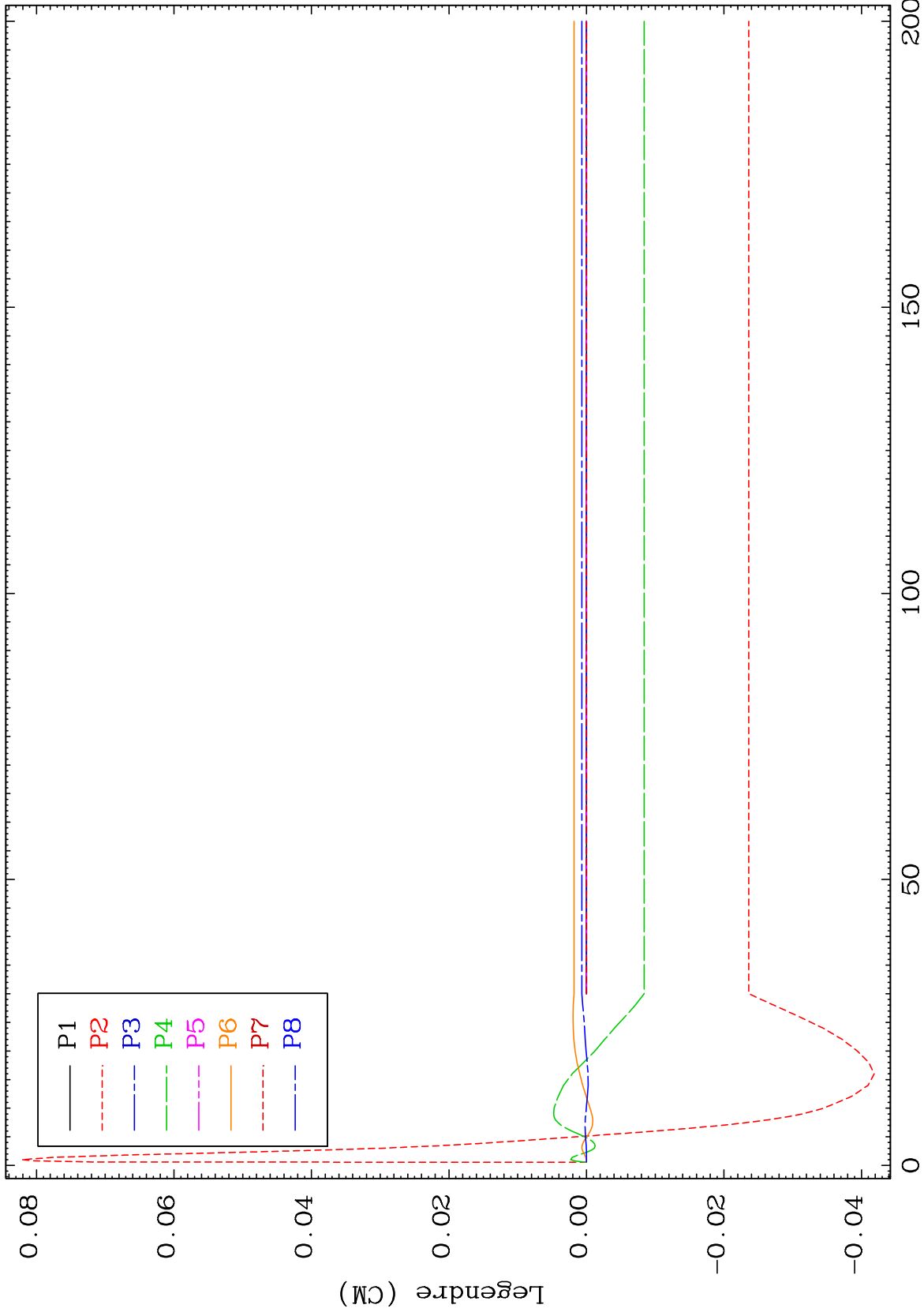


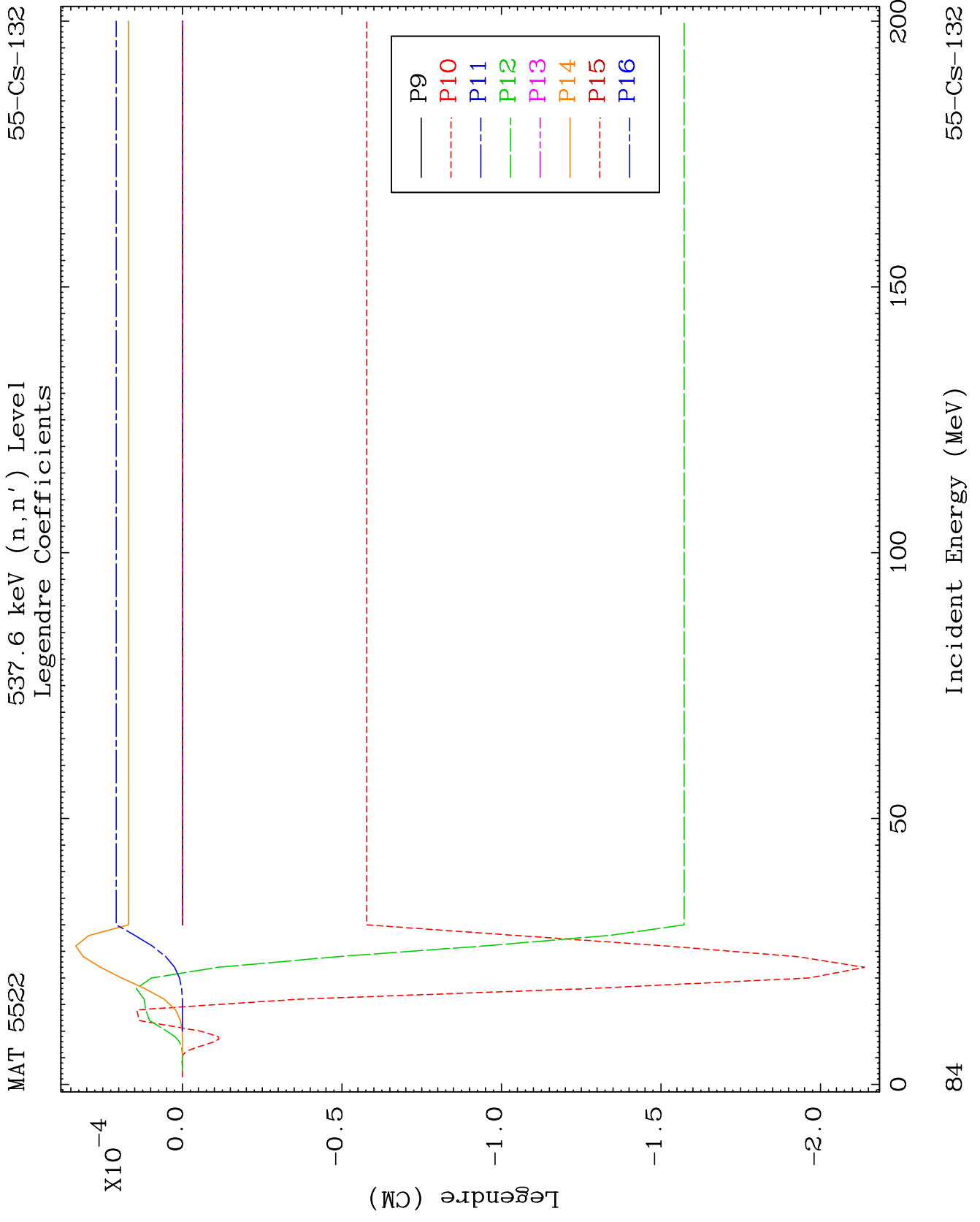


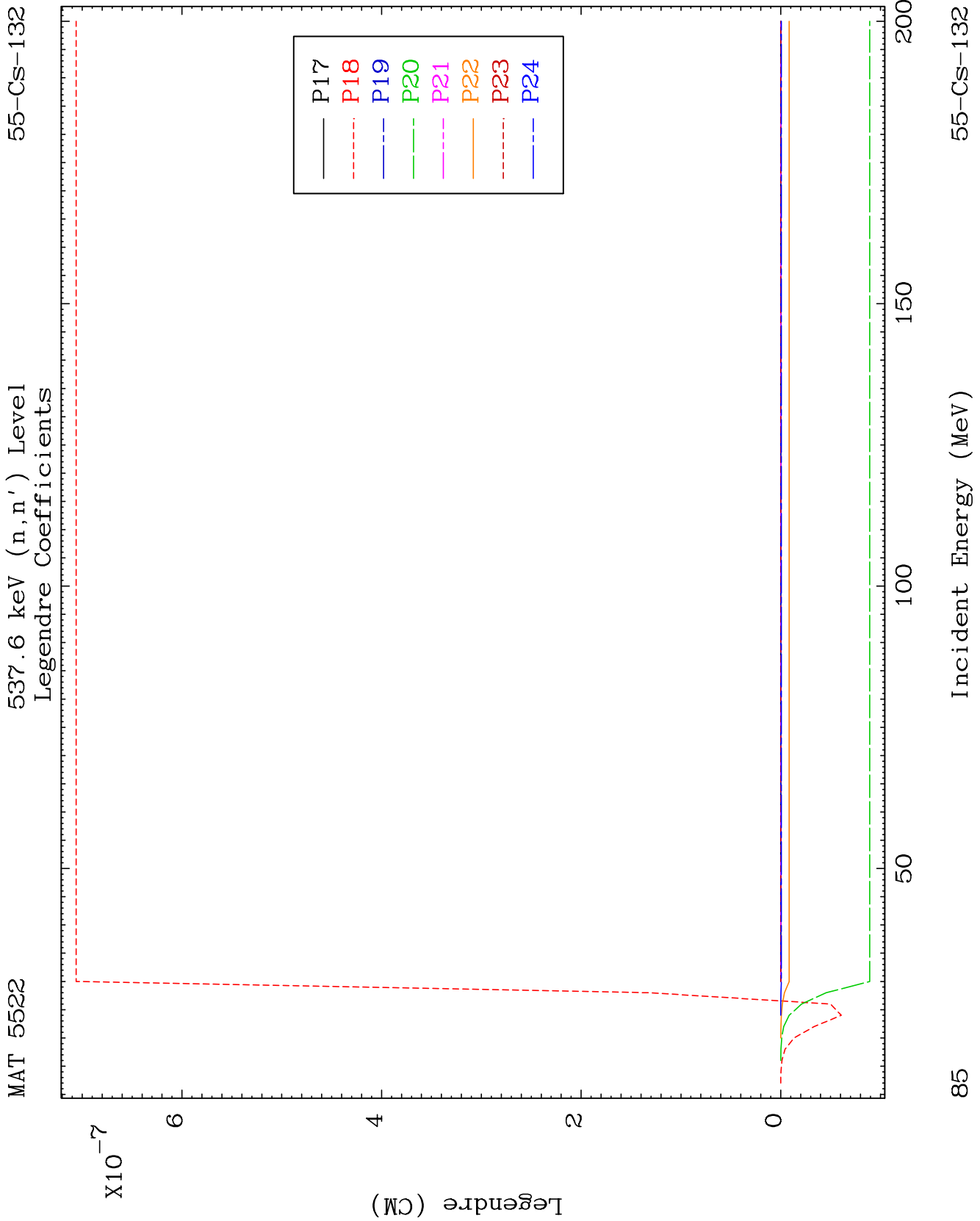
MAT 5522

537.6 keV (n,n') Level
Legendre Coefficients

55-Cs-132



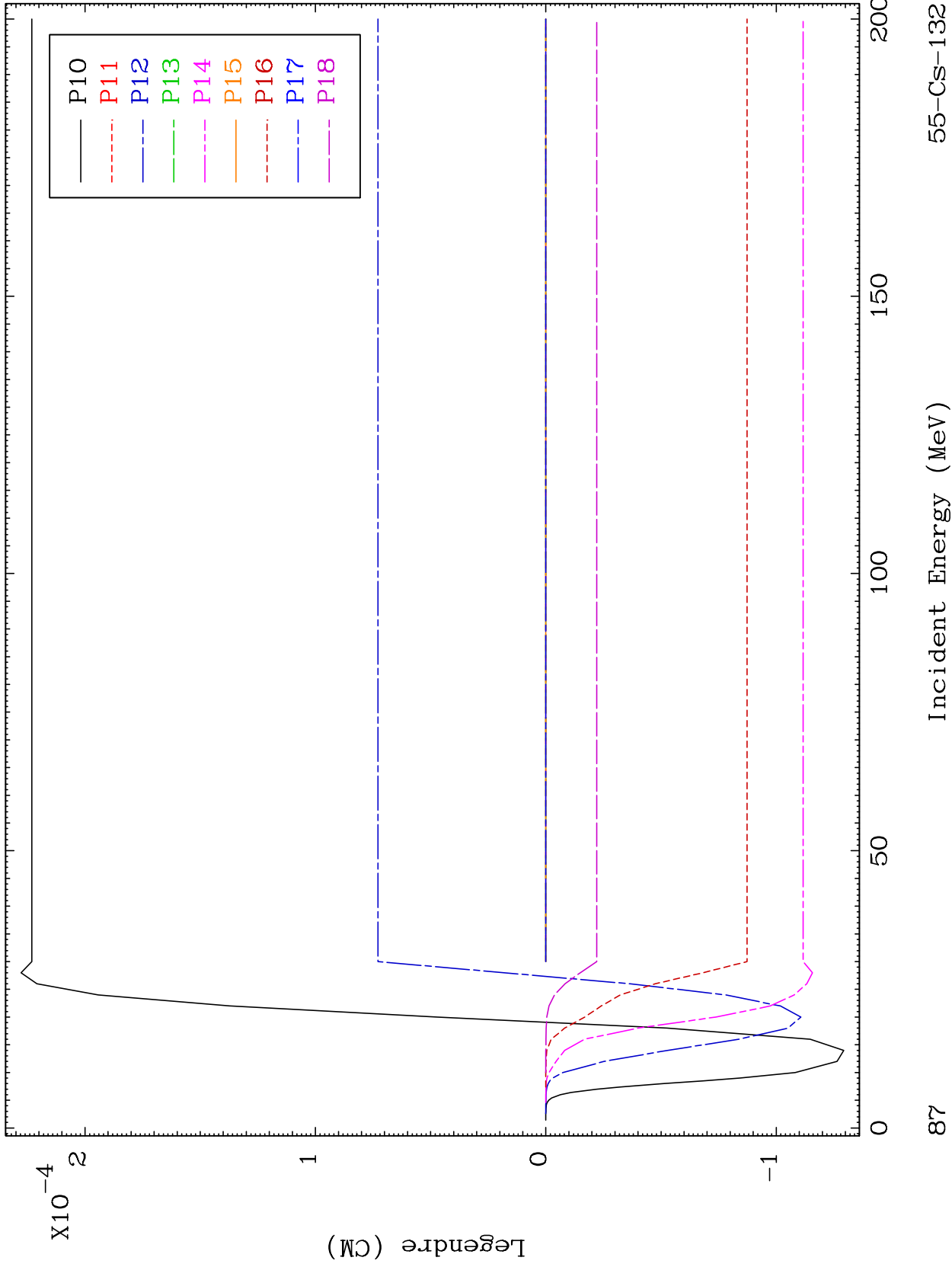




MAT 5522

551.0 keV (n,n') Level
Legendre Coefficients

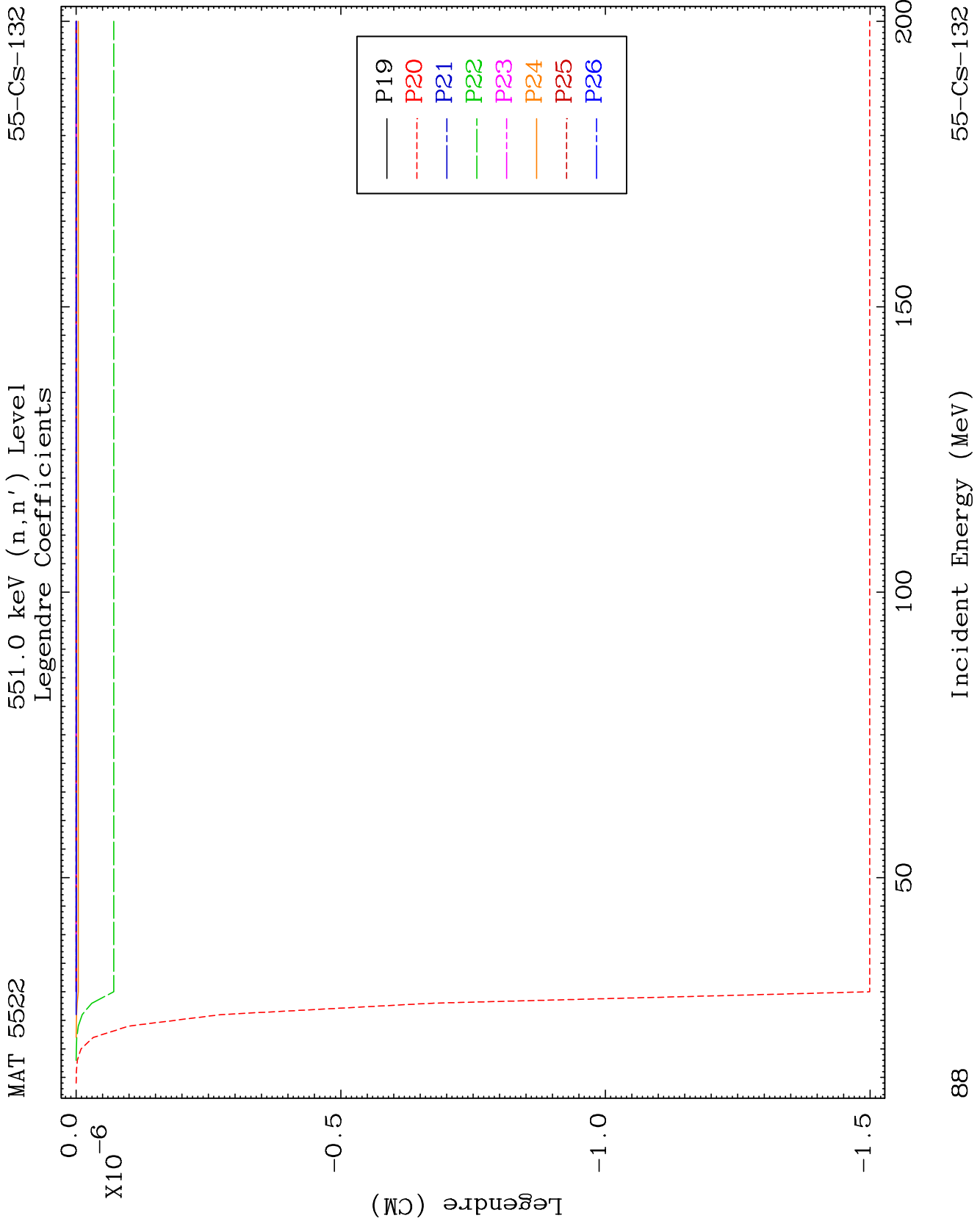
55-Cs-132



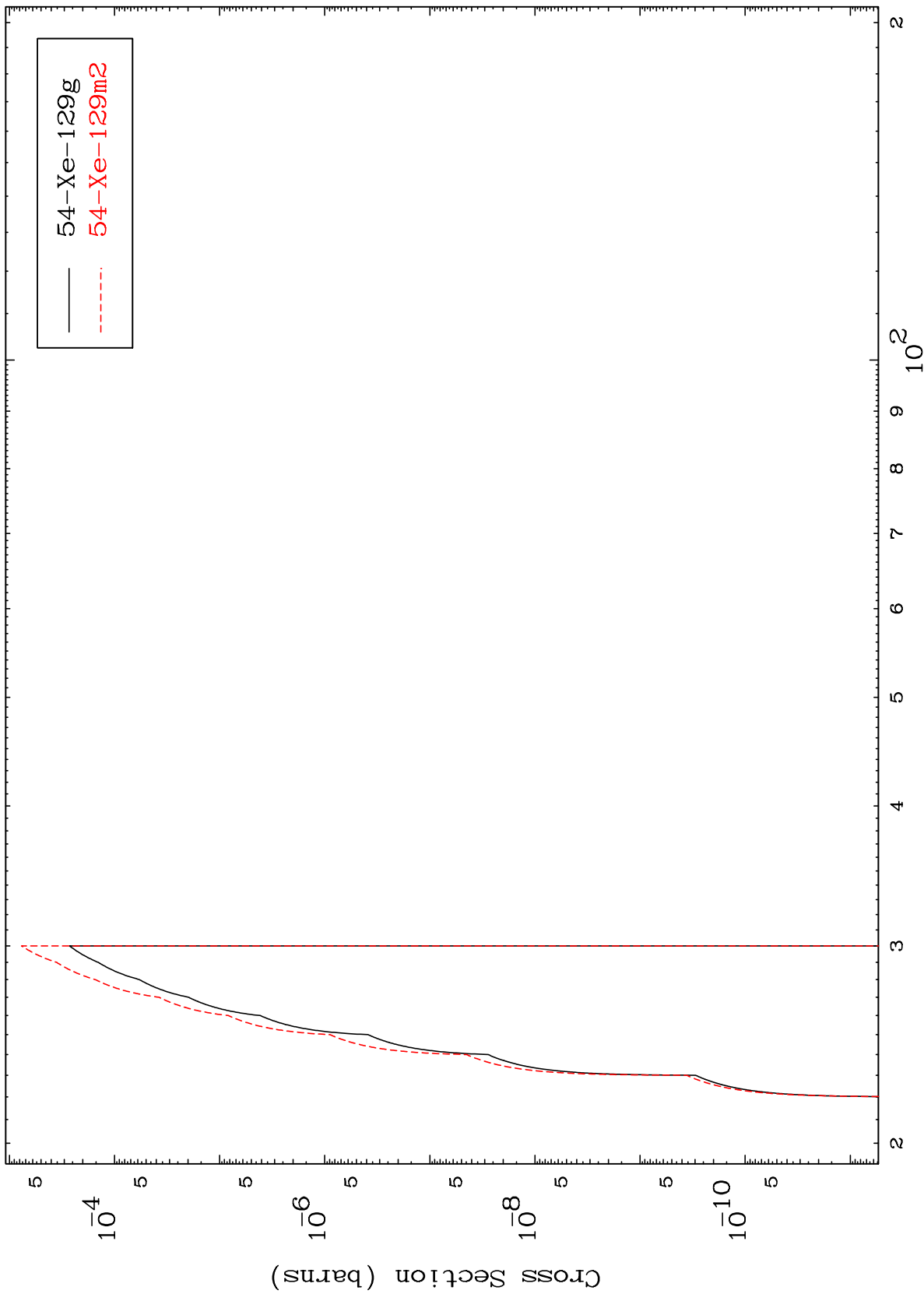
55-Cs-132

Incident Energy (MeV)

87



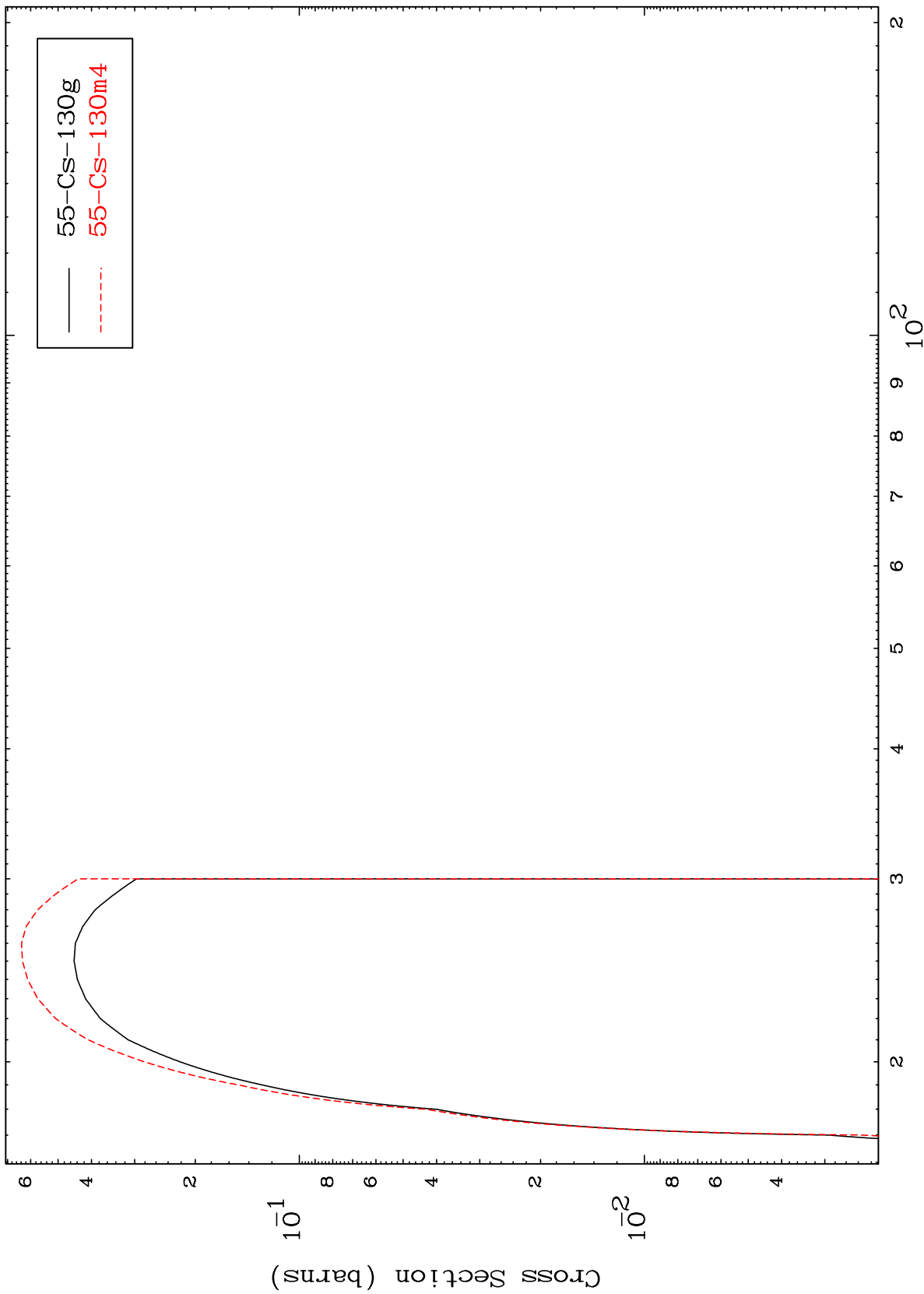
Radionuclide Production Cross Section



MAT 5522

55-Cs-132

(n,3n)
Radionuclide Production Cross Section



90

Incident Energy (MeV)

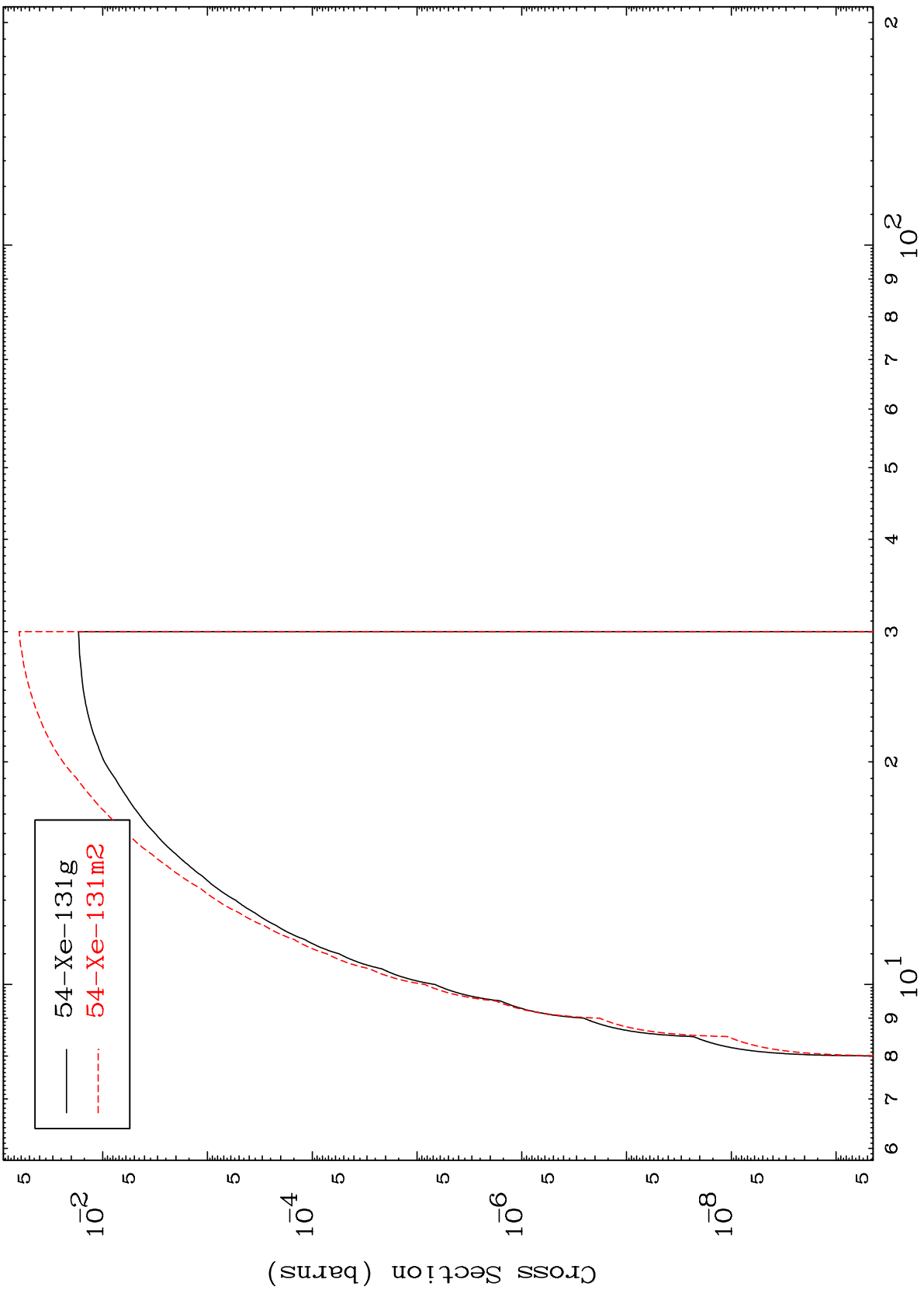
55-Cs-132

MAT 5522

(n,n') p

55-Cs-132

Radionuclide Production Cross Section



54-Xe-131g
54-Xe-131m2

91

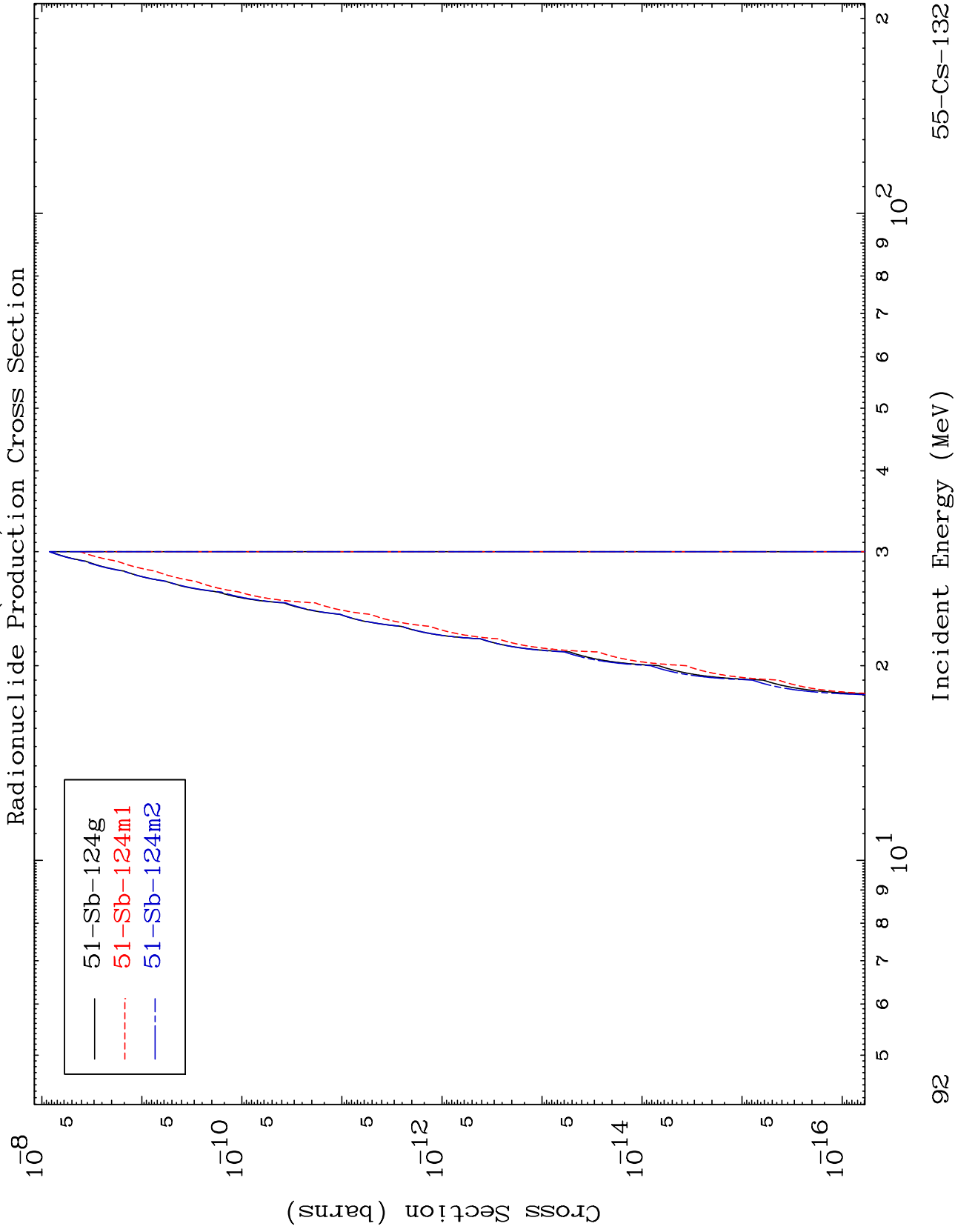
Incident Energy (MeV)

55-Cs-132

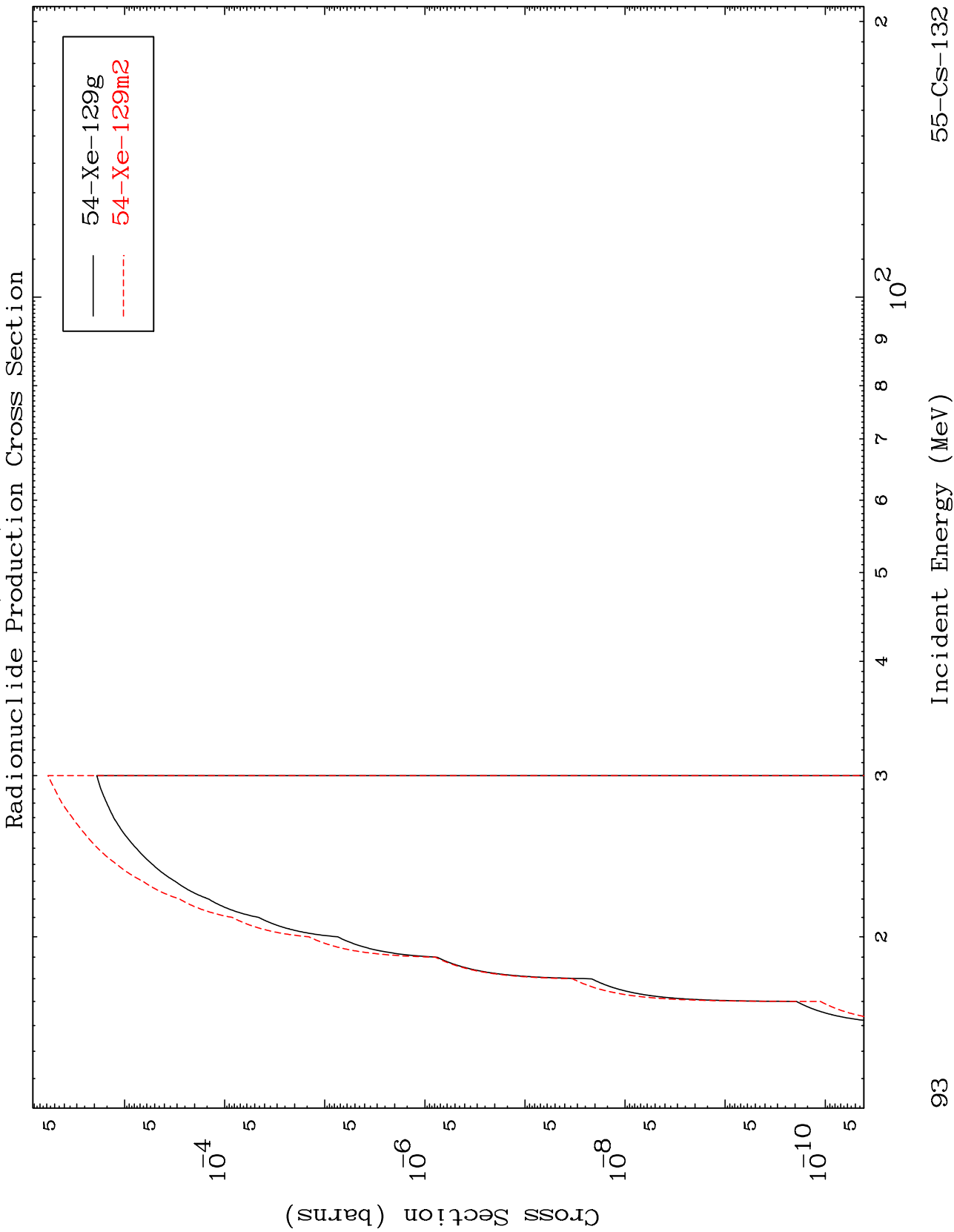
MAT 5522

(n,n') 2 α

55-Cs-132



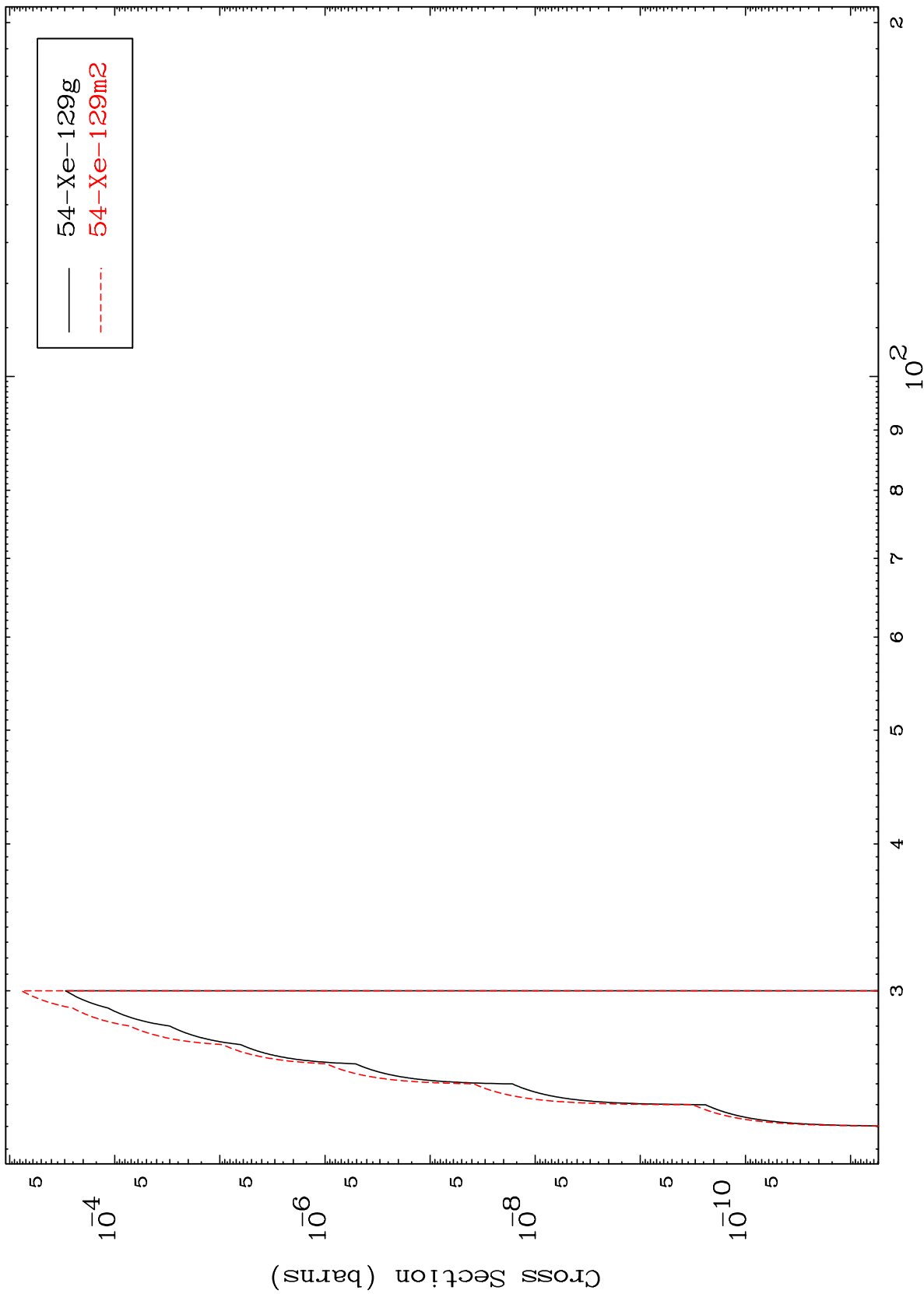
92



MAT 5522

55-Cs-132

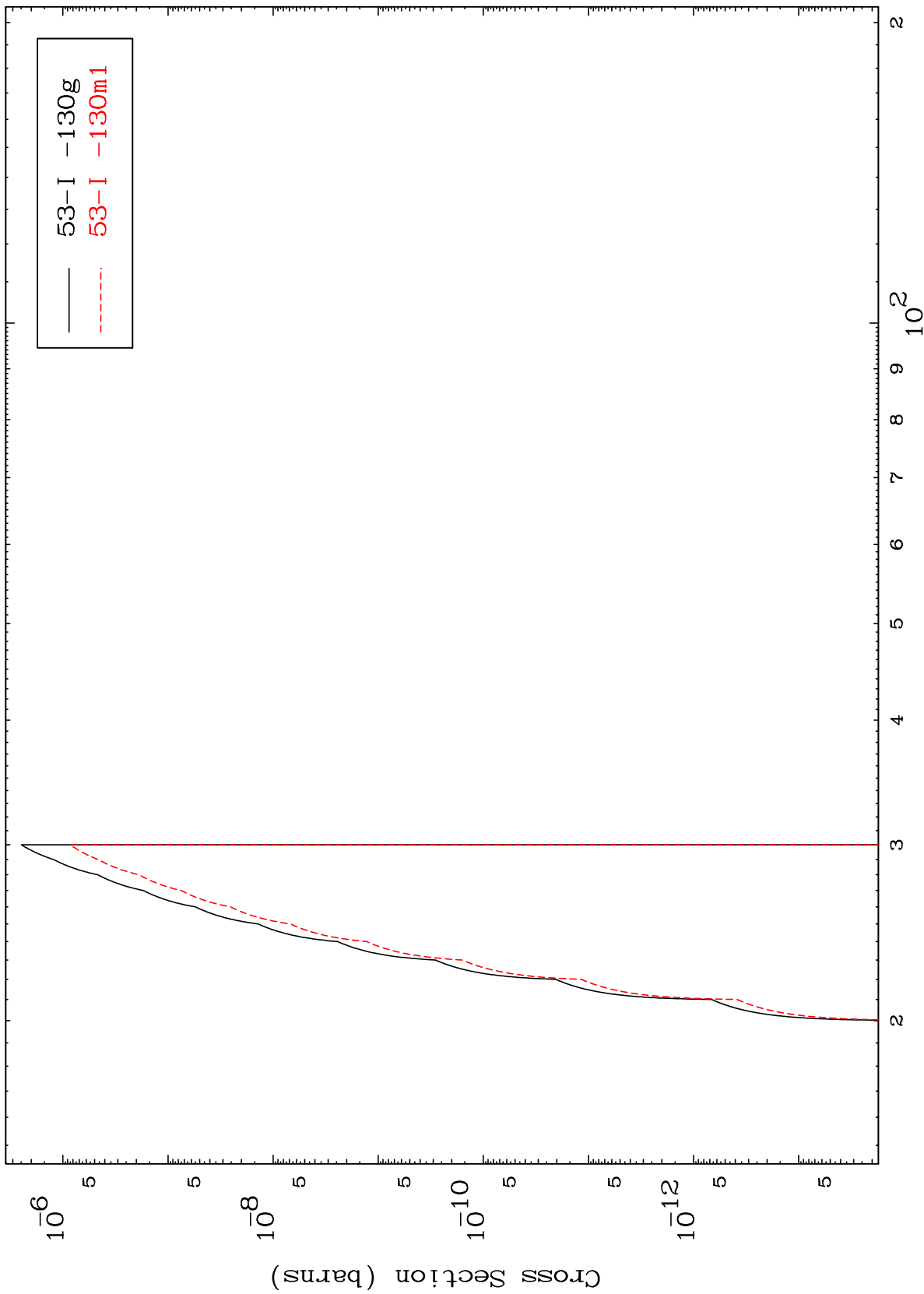
(n,3n) p
Radionuclide Production Cross Section



94

55-Cs-132

(n,2n) p
Radionuclide Production Cross Section

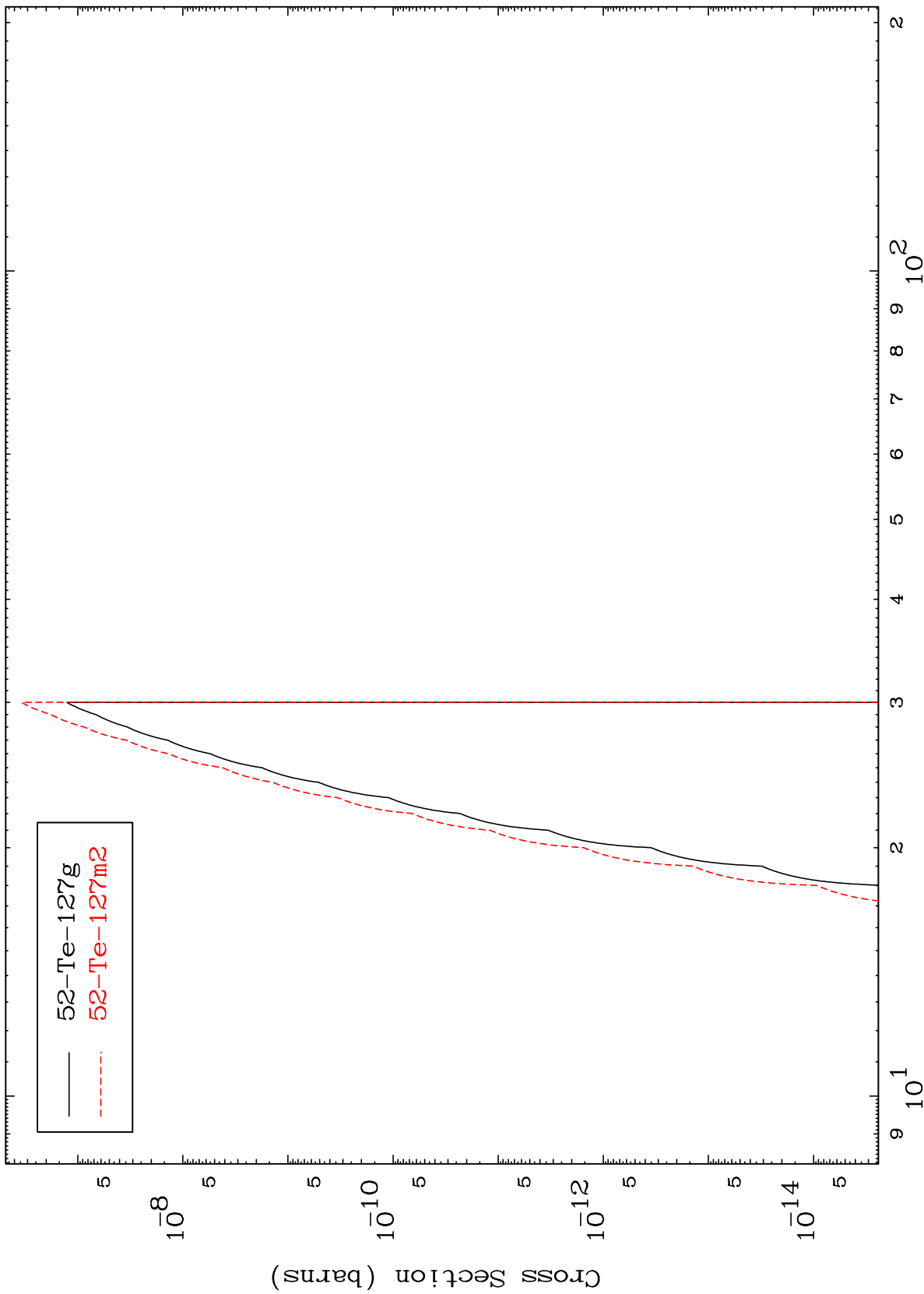


MAT 5522

(n,n') p α

55-Cs-132

Radionuclide Production Cross Section



52-Te-127g
52-Te-127m2

96

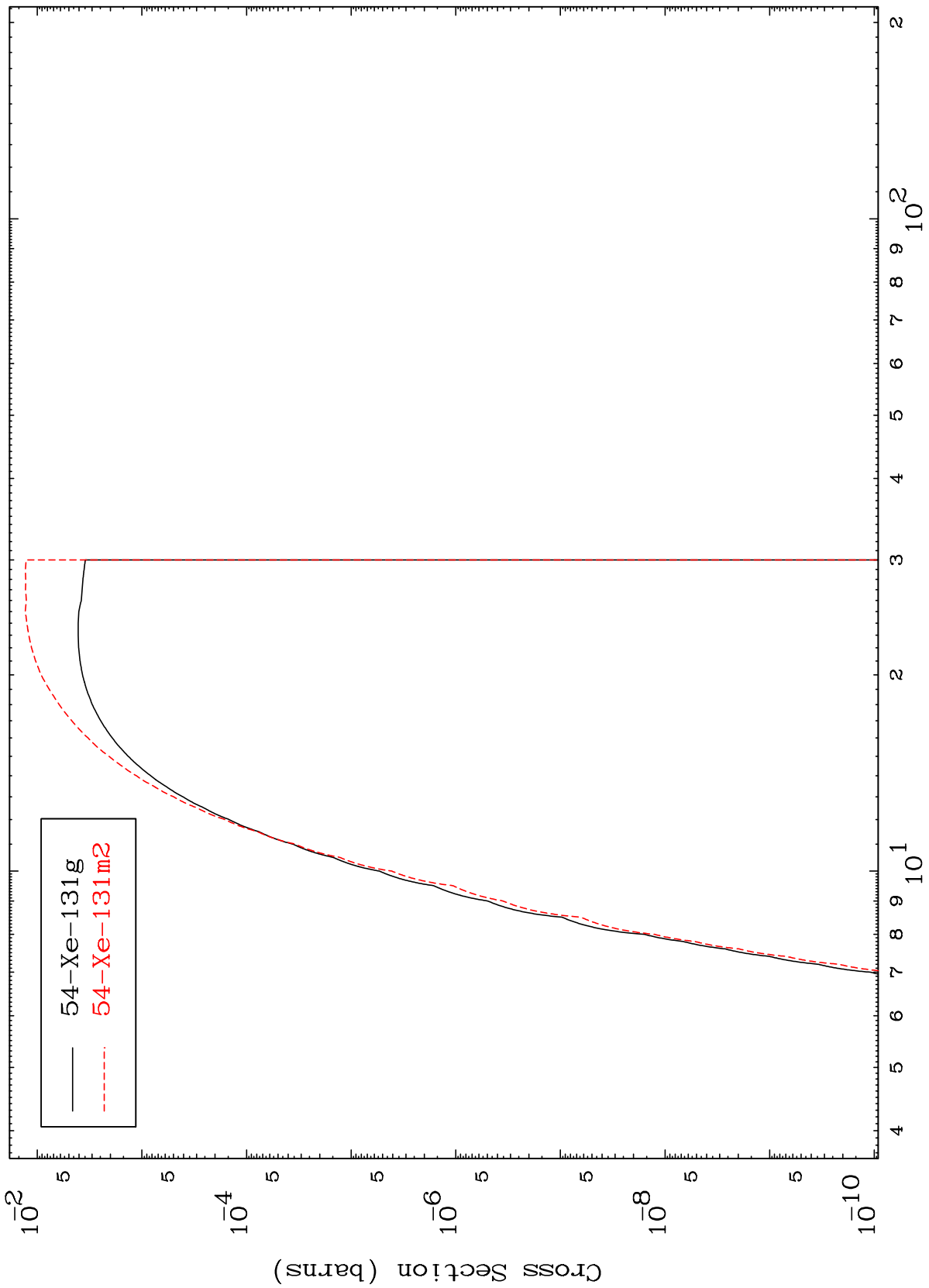
Incident Energy (MeV)

55-Cs-132

MAT 5522

55-Cs-132

(n,d)
Radionuclide Production Cross Section



97

Incident Energy (MeV)

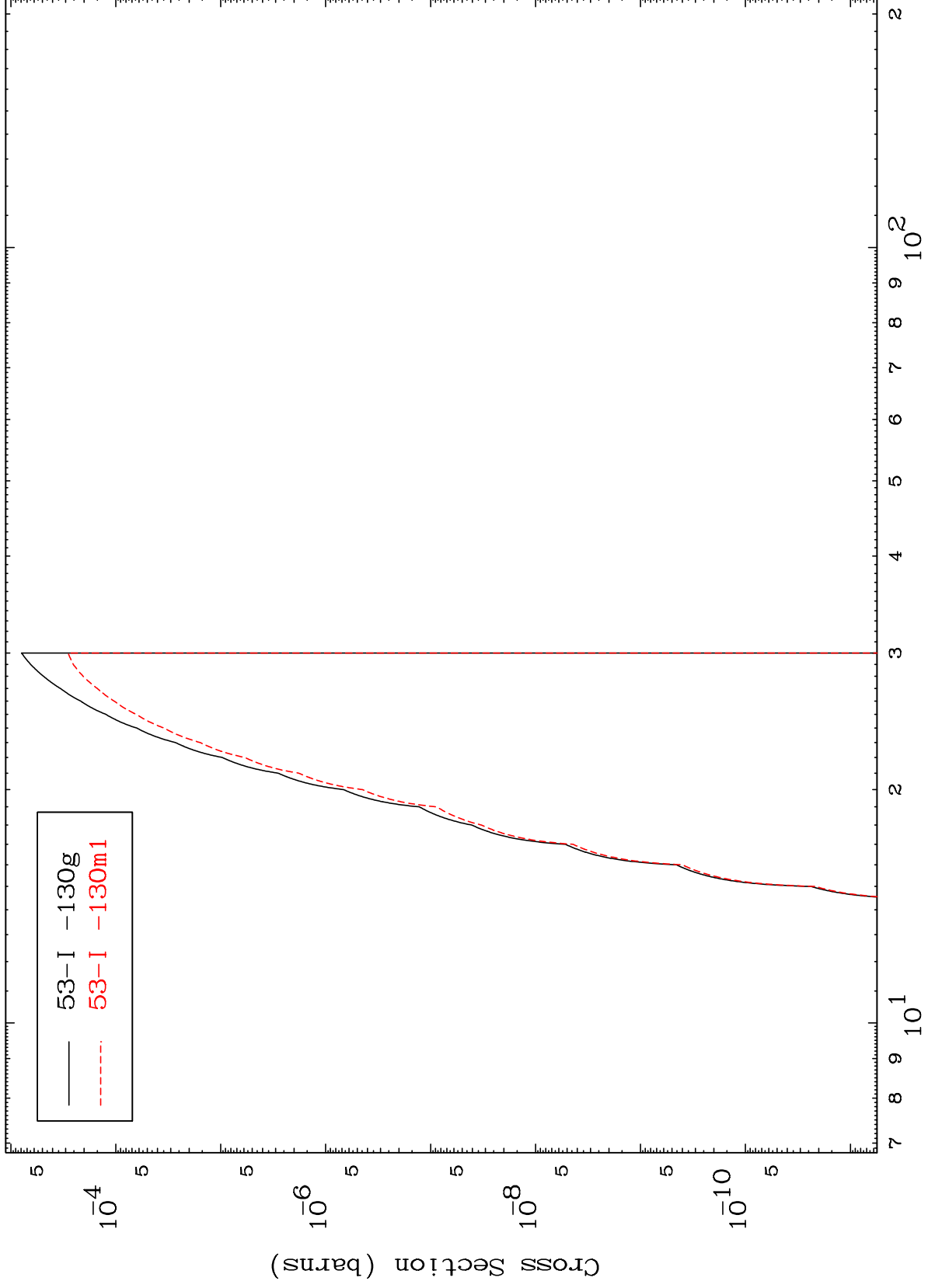
55-Cs-132

MAT 5522

(n,He-3)

55-Cs-132

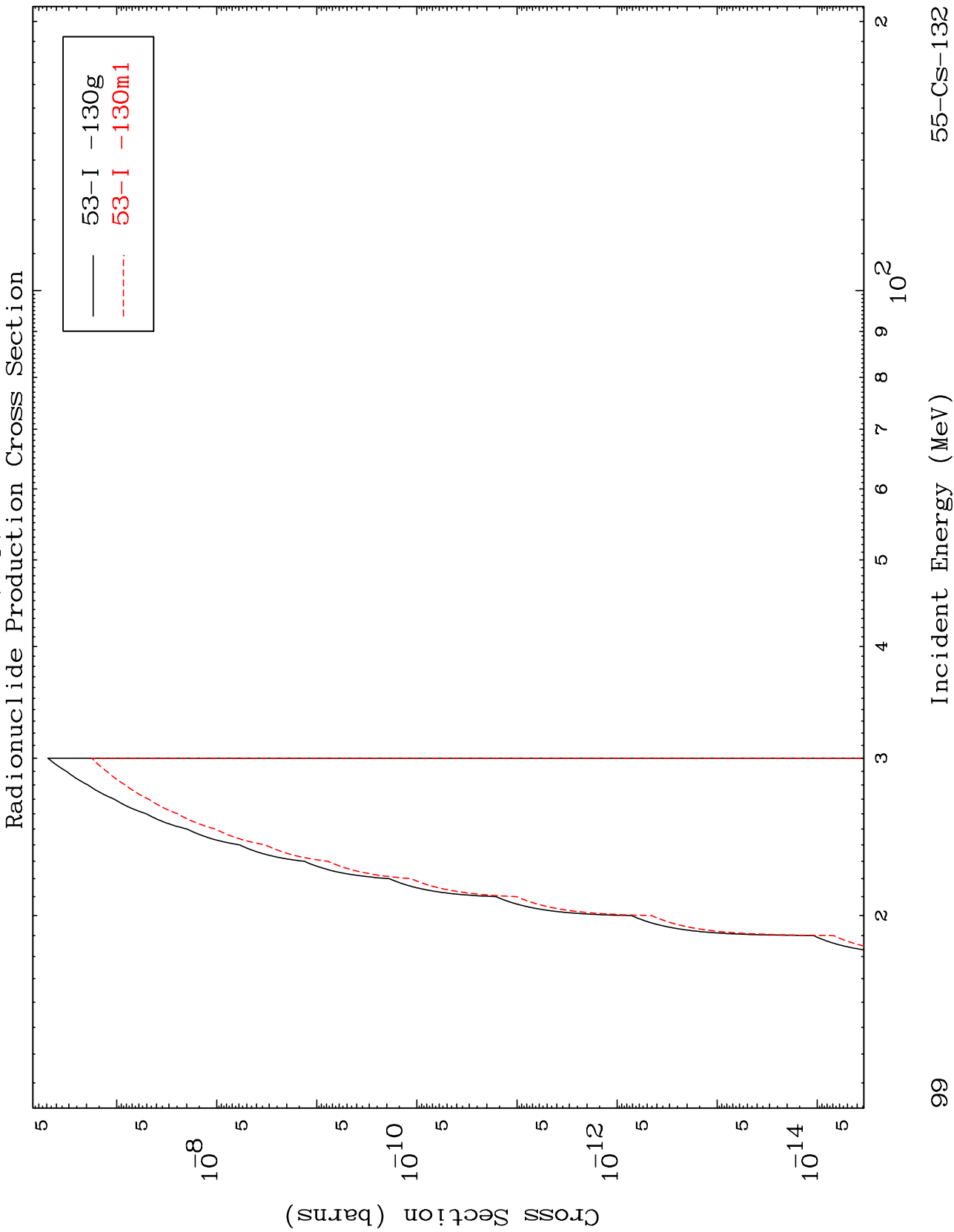
Radionuclide Production Cross Section



98

Incident Energy (MeV)

55-Cs-132

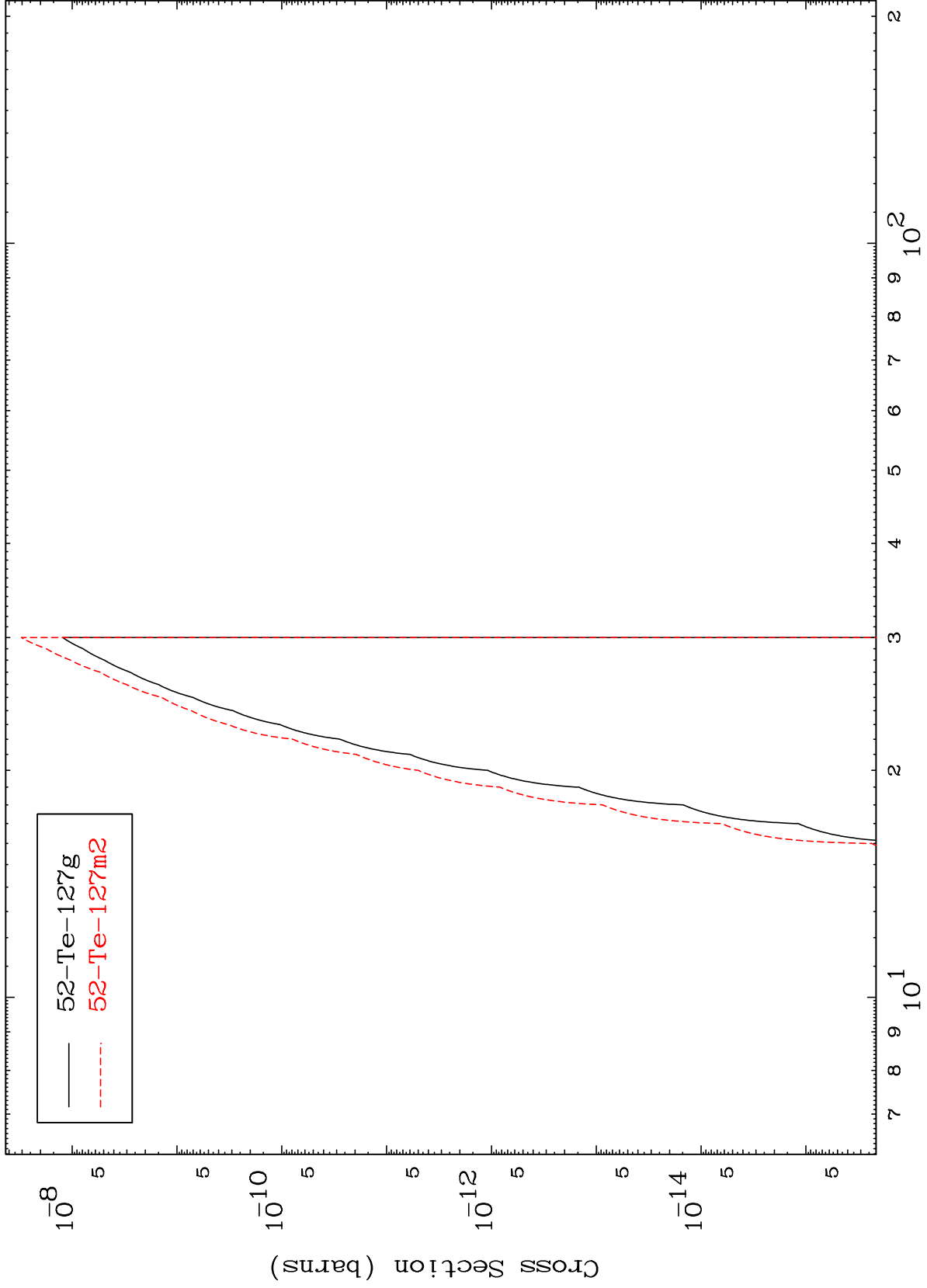


MAT 5522

(n,d) α

55-Cs-132

Radionuclide Production Cross Section



100

Incident Energy (MeV)

55-Cs-132