

Program EVALPLOT
(Version 2015-2)

by

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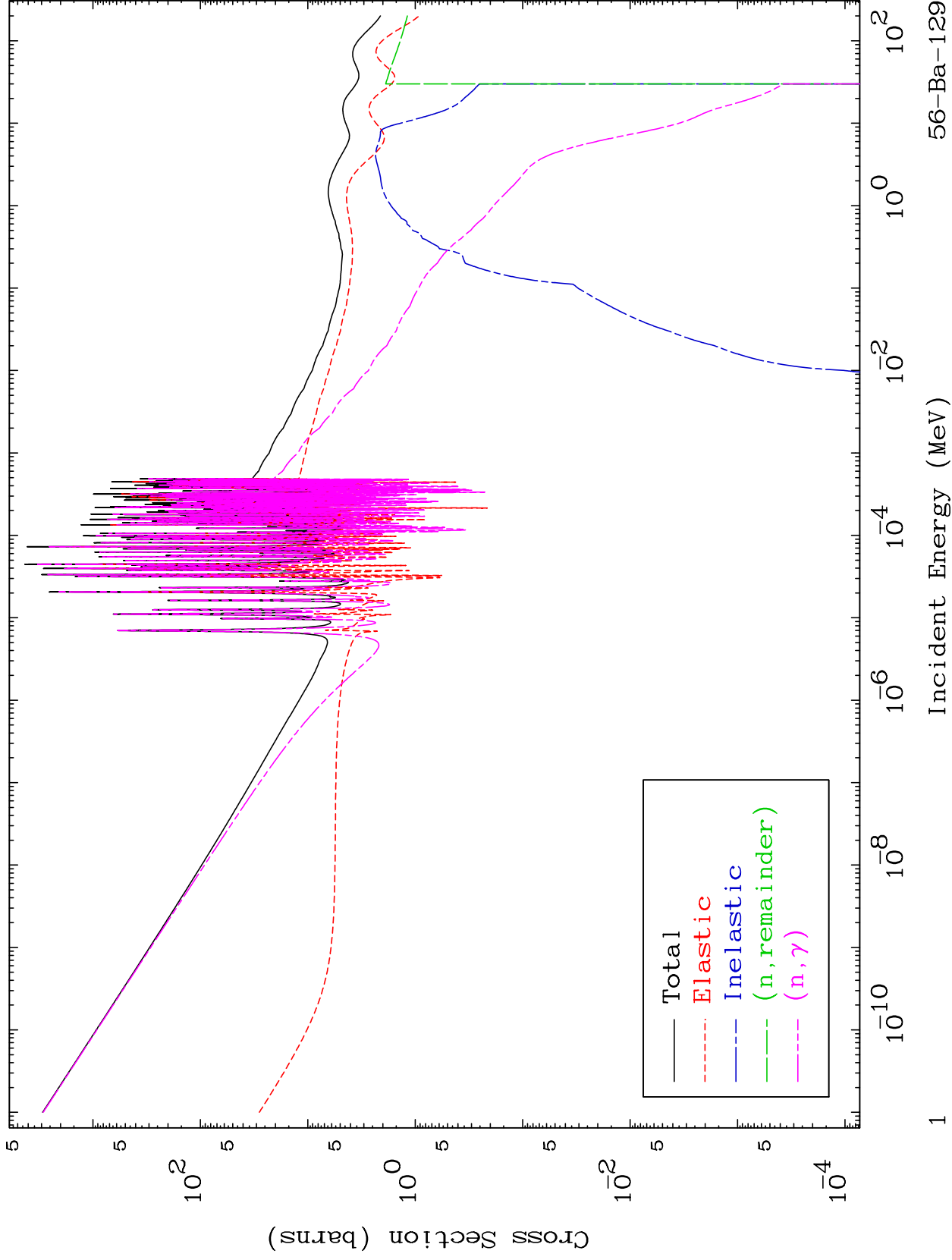
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5622

Major
293 Kelvin Cross Sections

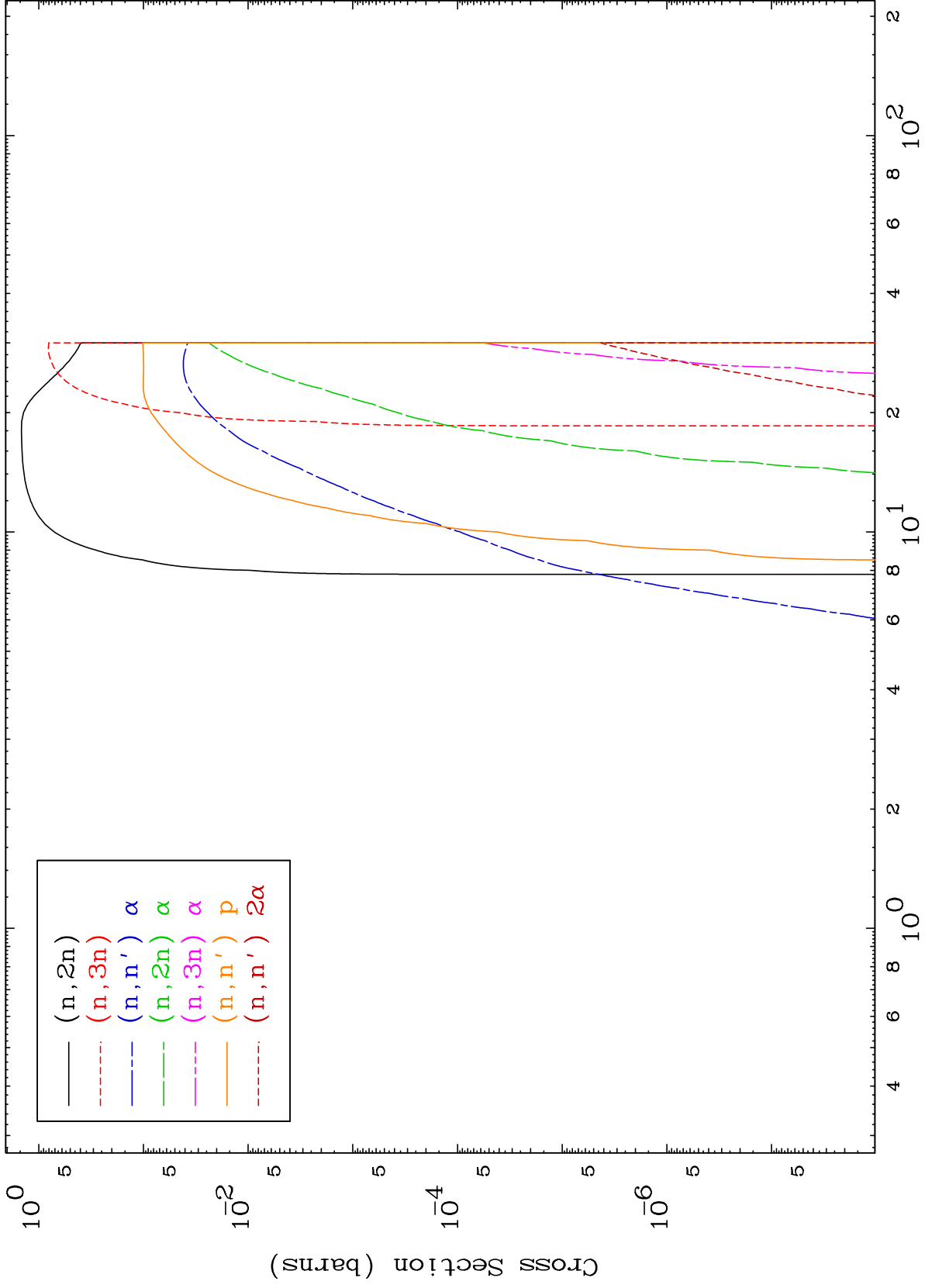
56-Ba-129

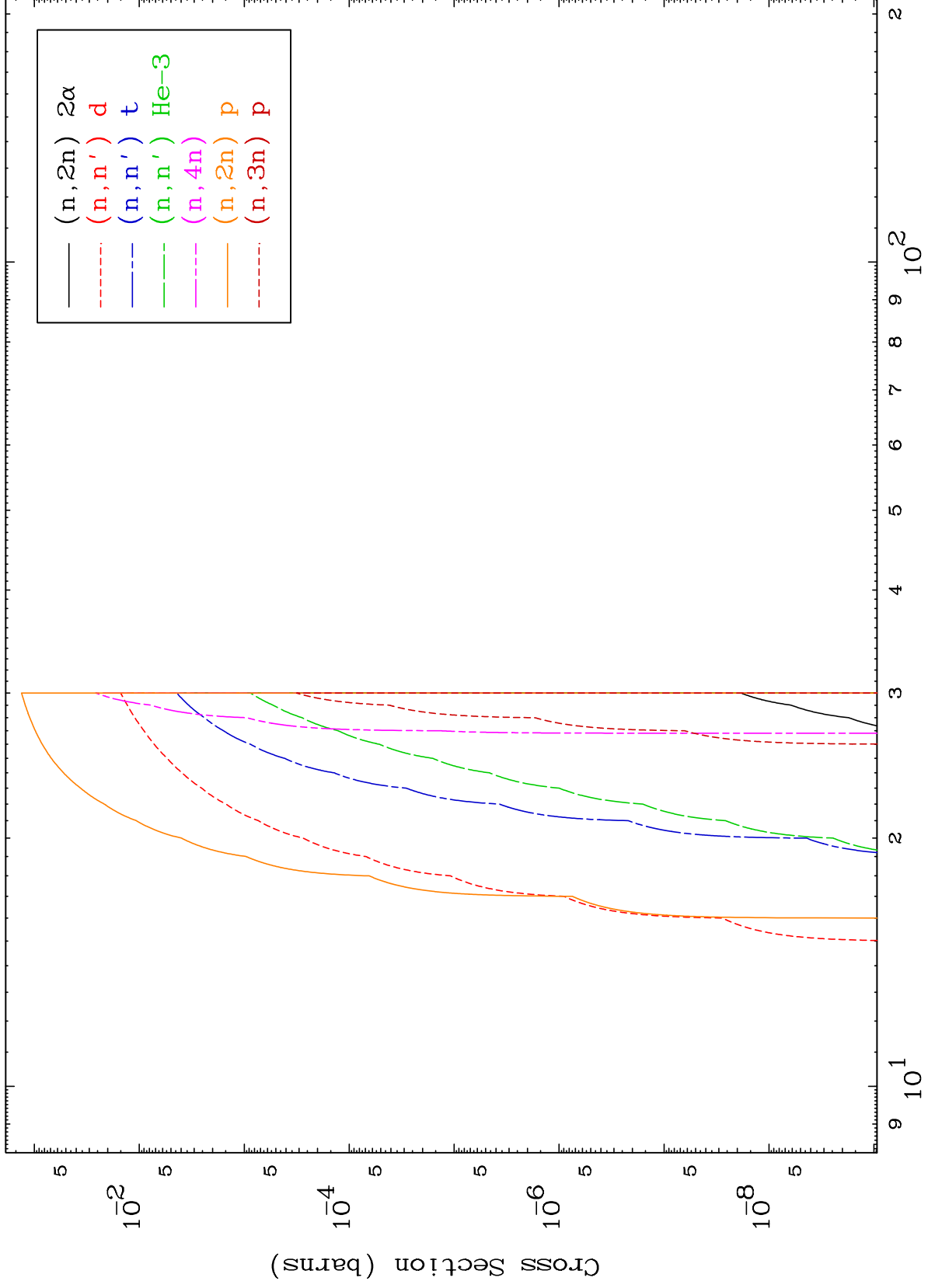


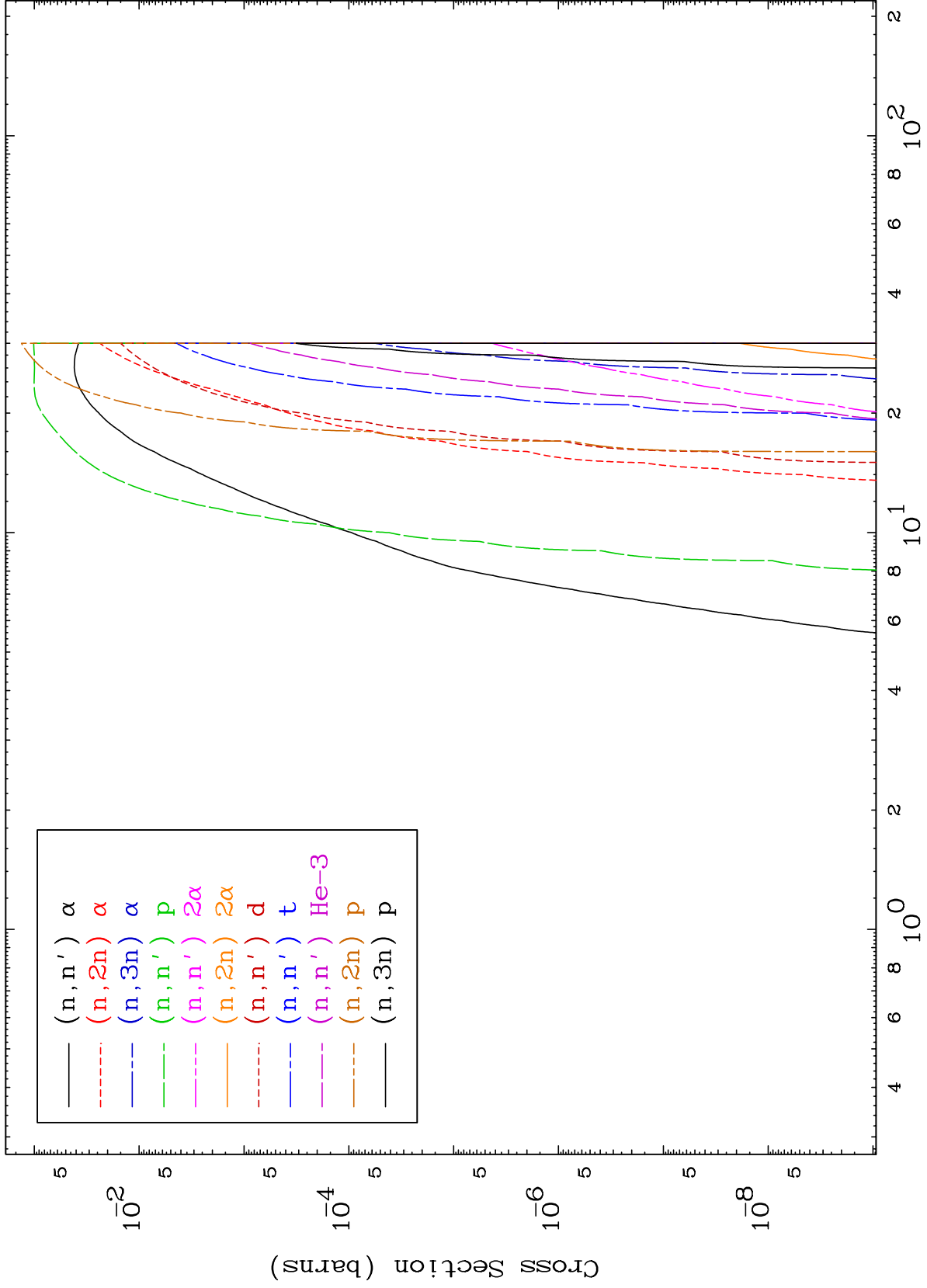
MAT 5622

Neutron Production
293 Kelvin Cross Sections

56-Ba-129



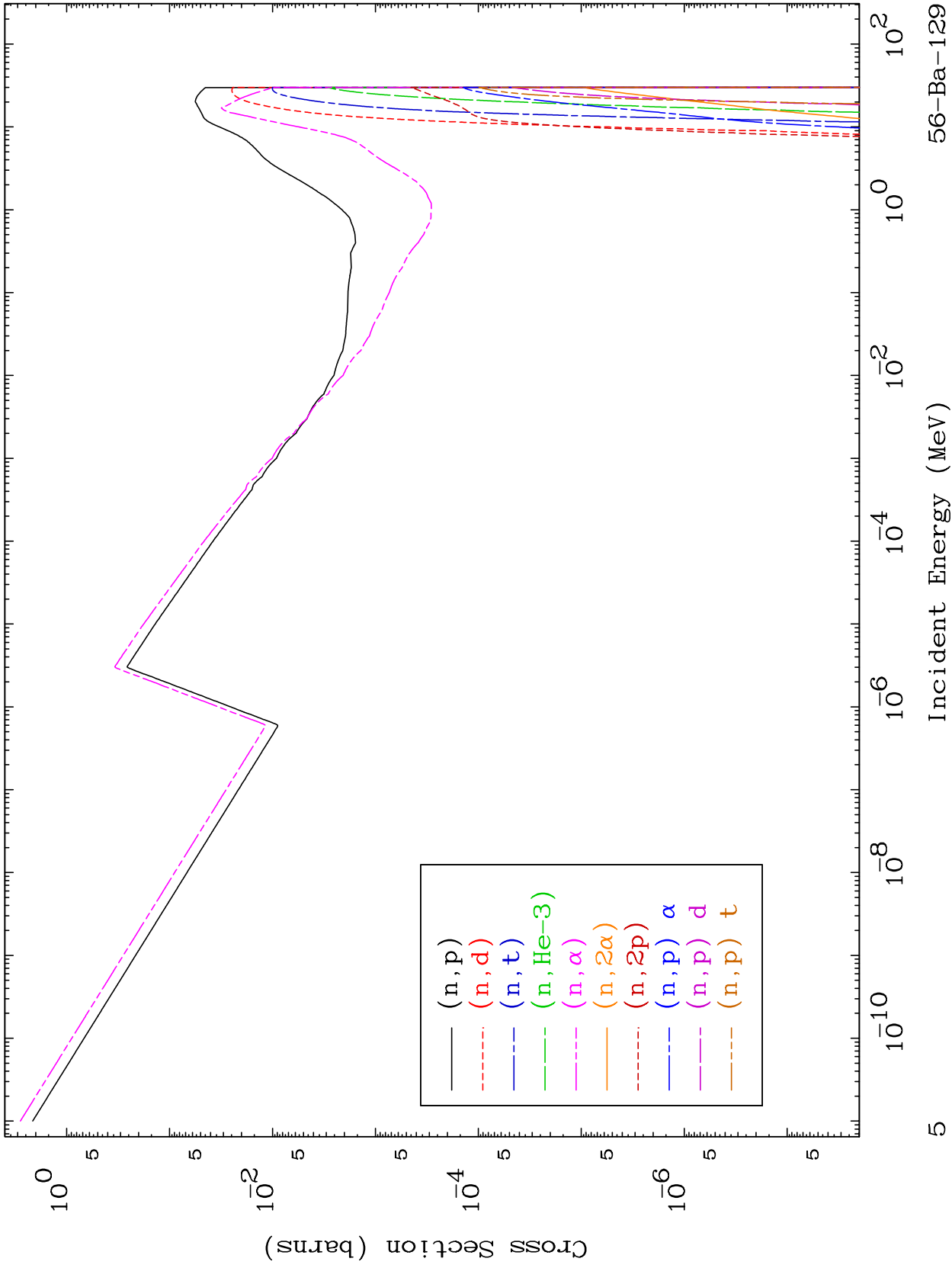




MAT 5622

Charged Particle
293 Kelvin Cross Sections

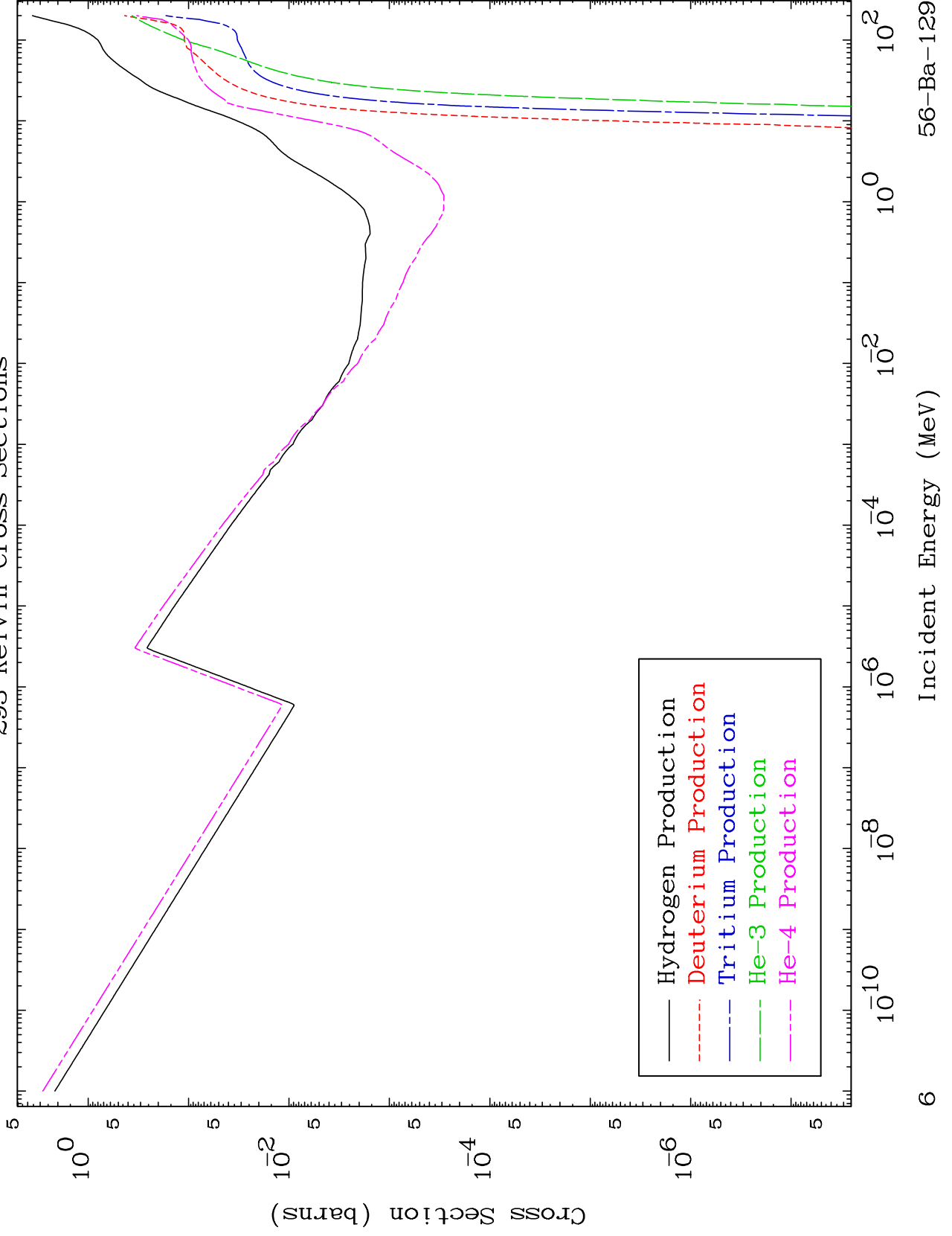
56-Ba-129



MAT 5622

Particle Production
293 Kelvin Cross Sections

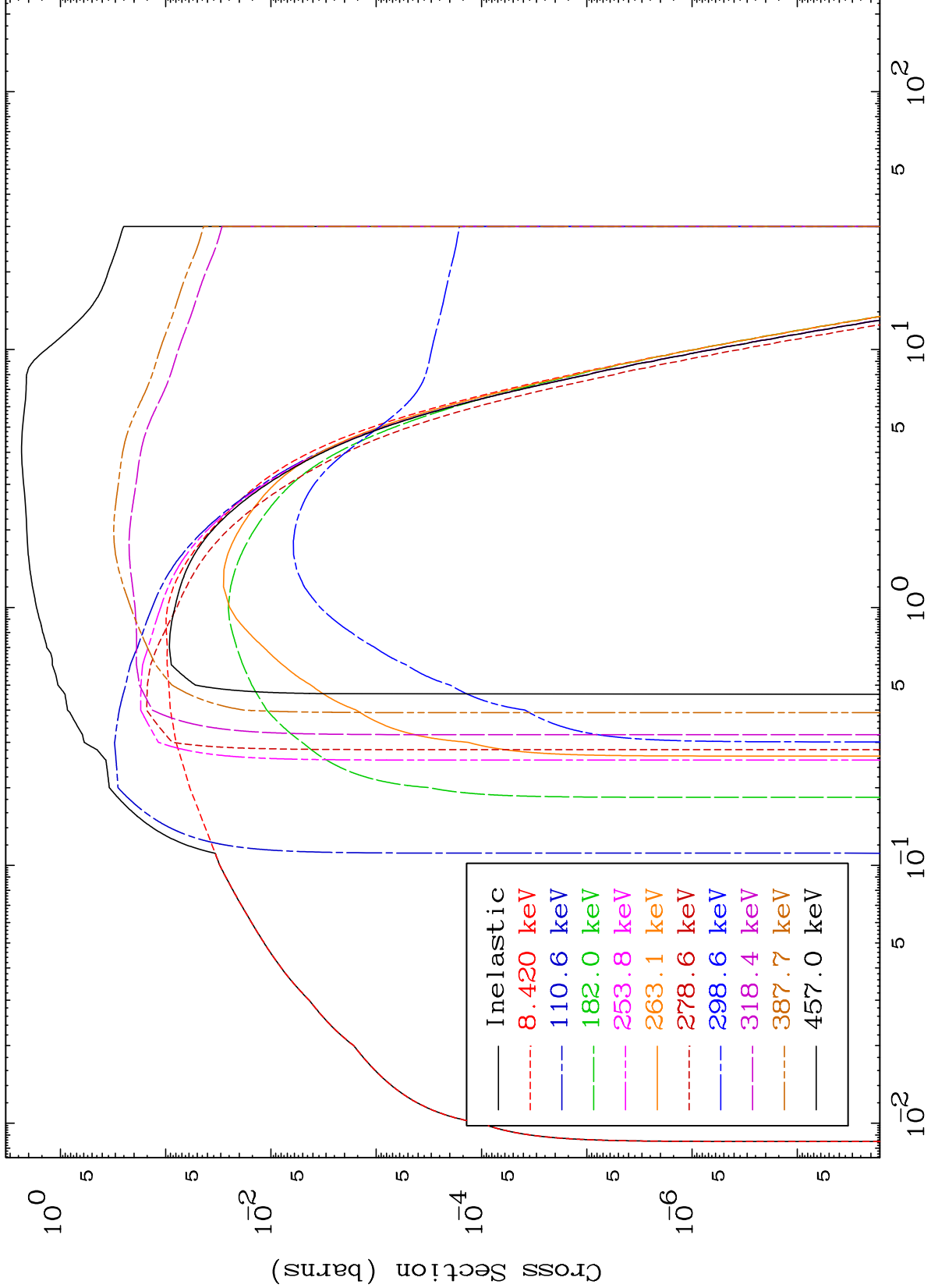
56-Ba-129



MAT 56222

(n,n') Level
293 Kelvin Cross Sections

56-Ba-129



Incident Energy (MeV)

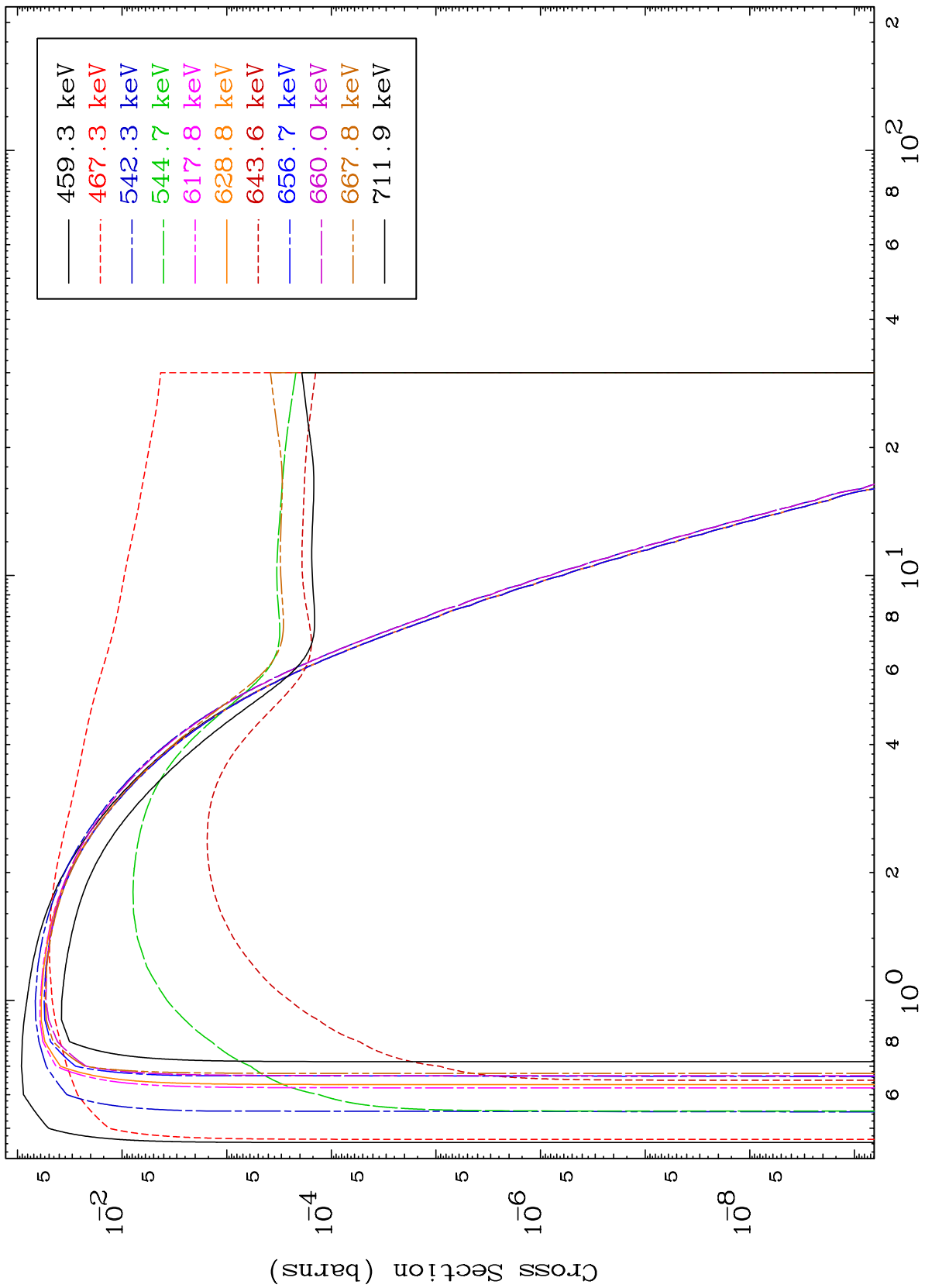
56-Ba-129

MAT 5622

(n,n') Level

56-Ba-129

293 Kelvin Cross Sections



8

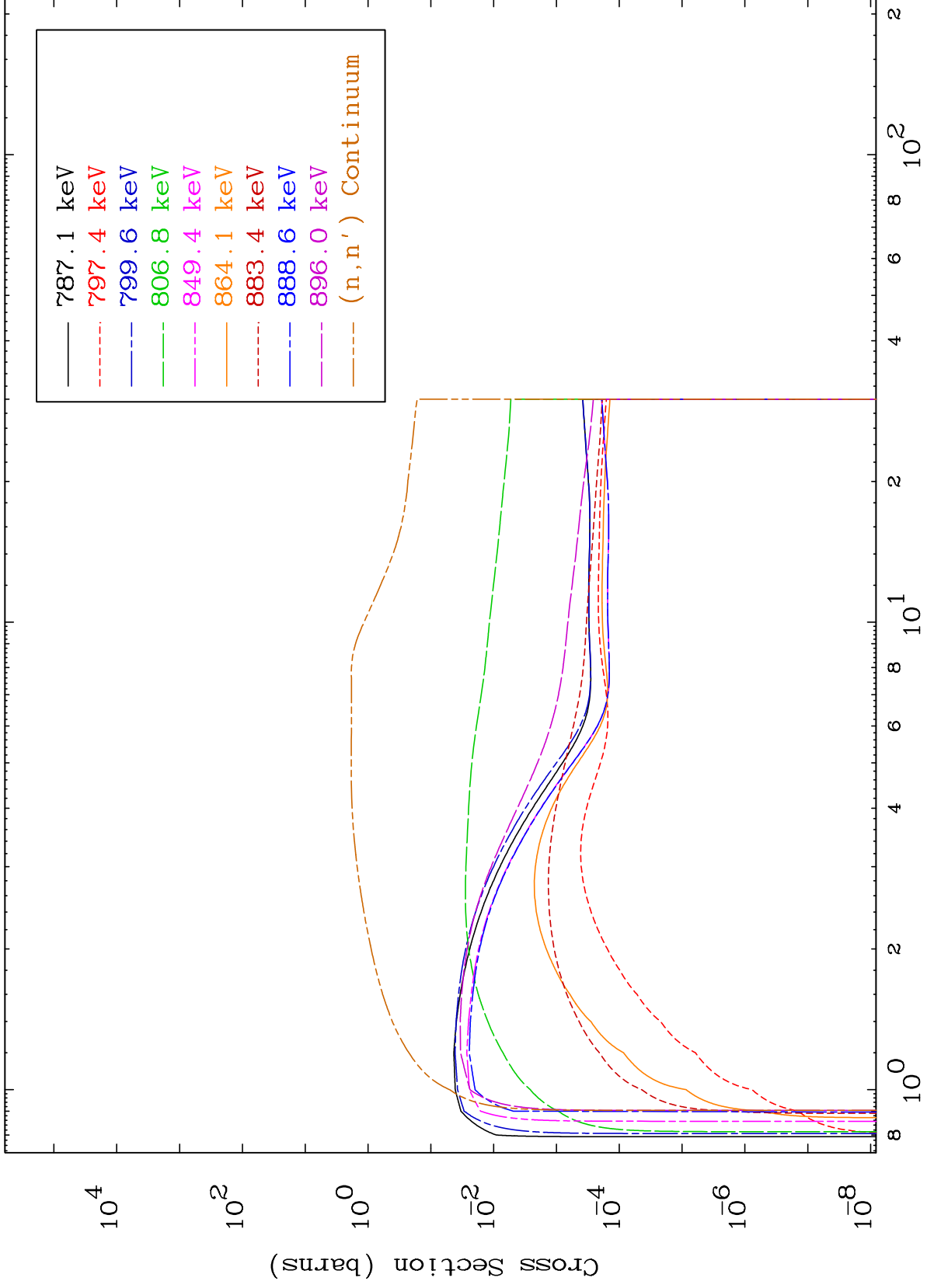
Incident Energy (MeV)

56-Ba-129

MAT 5622

(n,n') Level
293 Kelvin Cross Sections

56-Ba-129



9

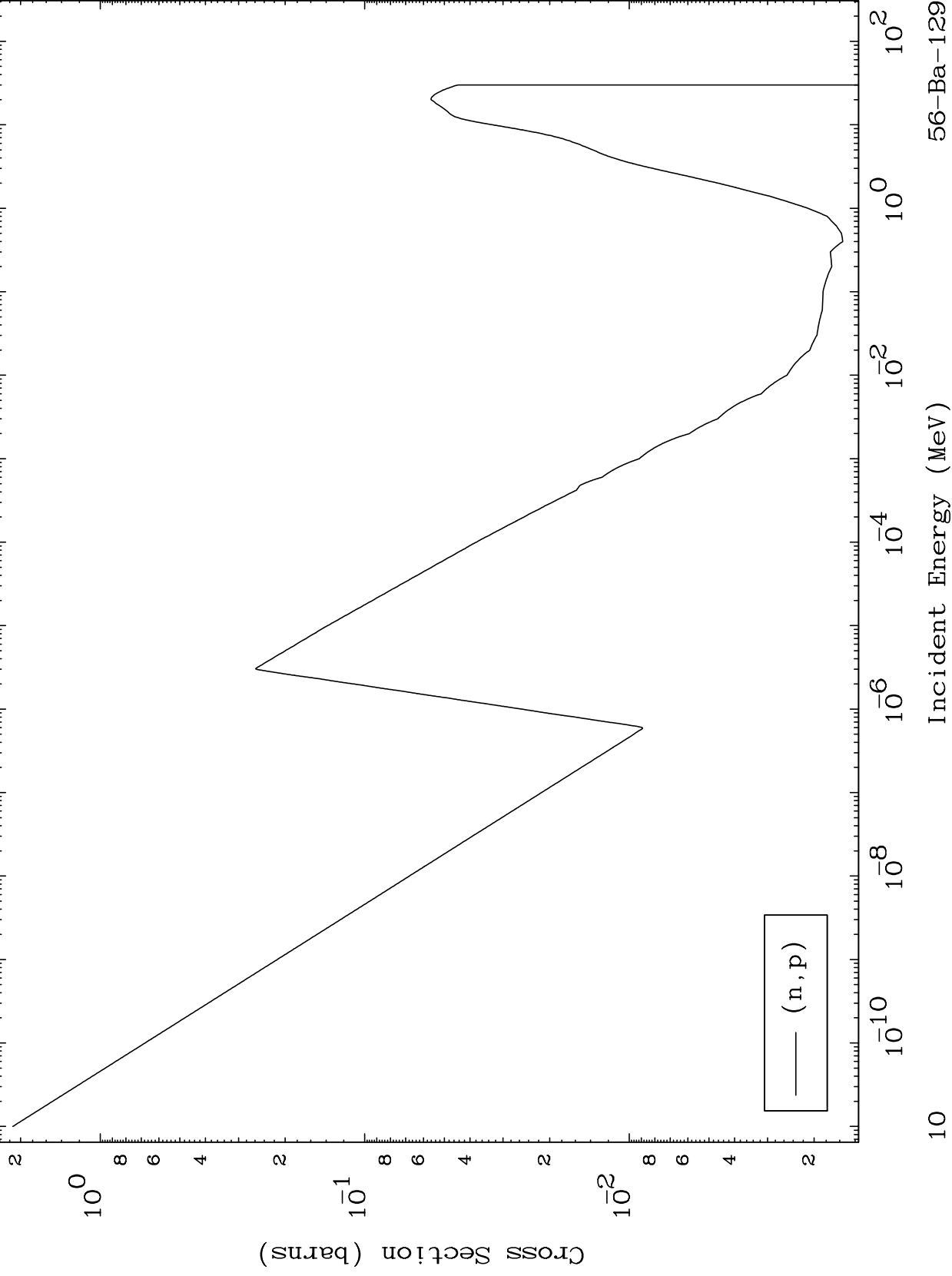
Incident Energy (MeV)

56-Ba-129

MAT 5622

(n,p) Levels
293 Kelvin Cross Sections

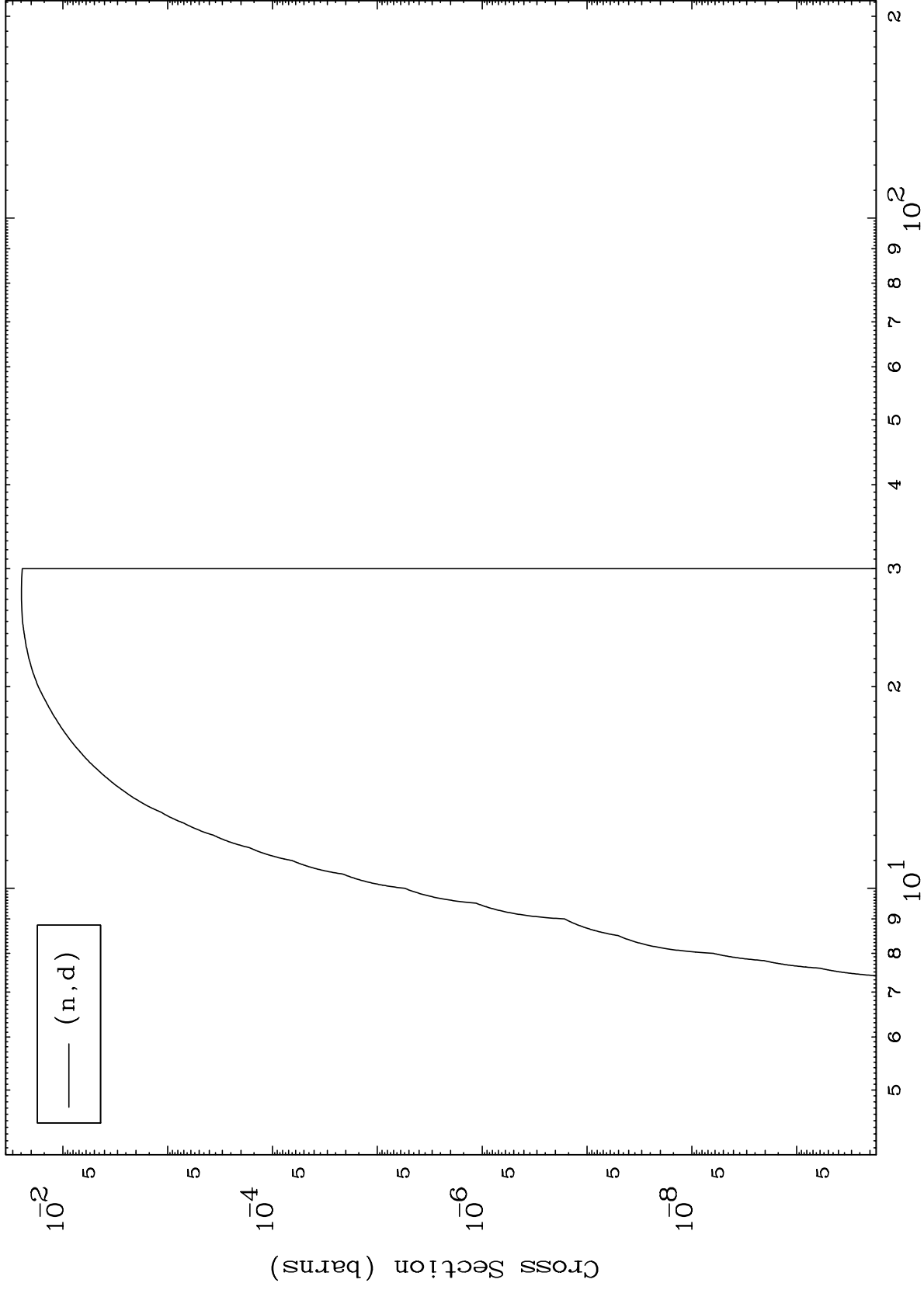
56-Ba-129



MAT 5622

(n,d) Levels
293 Kelvin Cross Sections

56-Ba-129



11

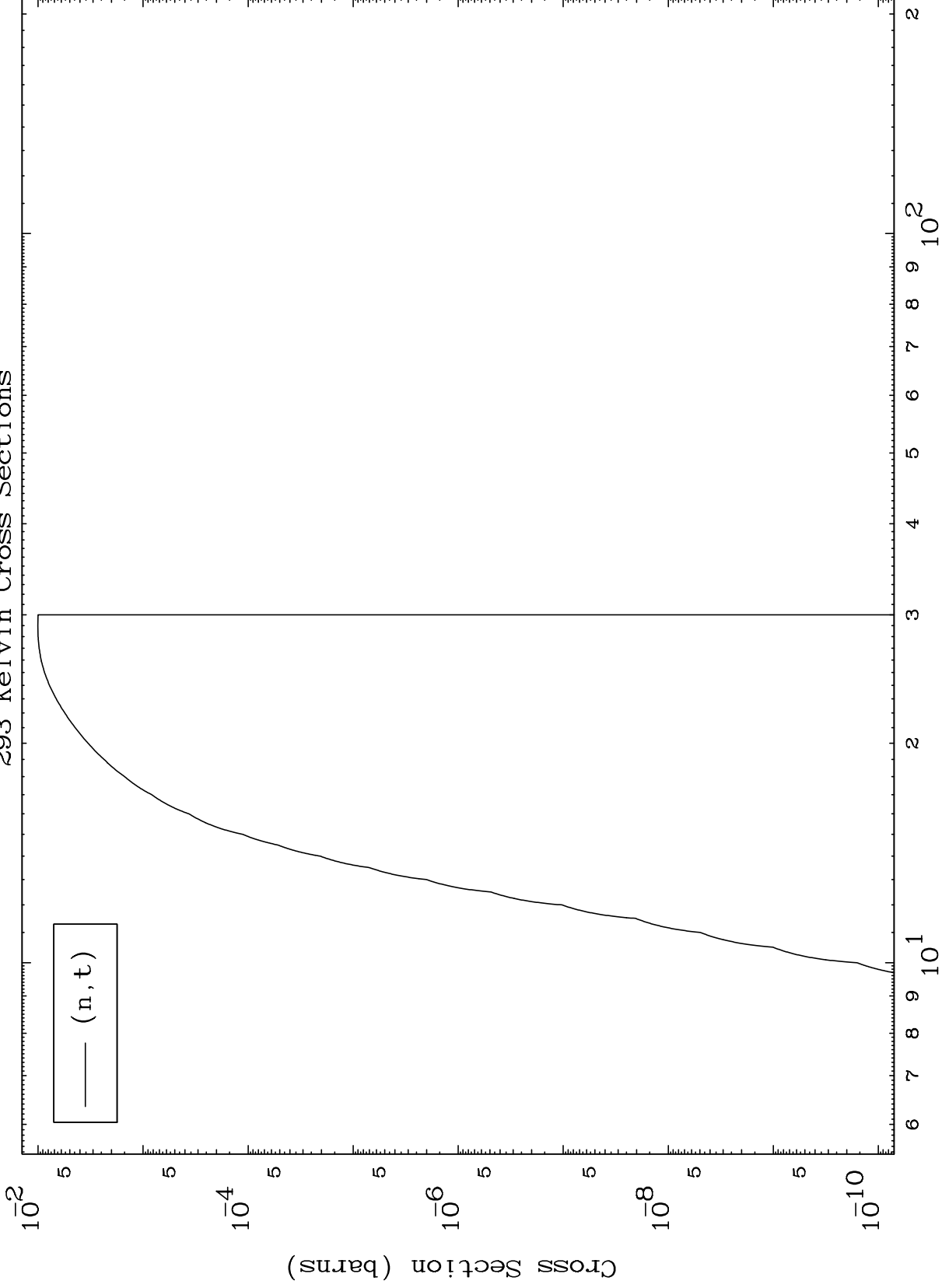
Incident Energy (MeV)

56-Ba-129

MAT 5622

(n,t) Levels
293 Kelvin Cross Sections

56-Ba-129



12

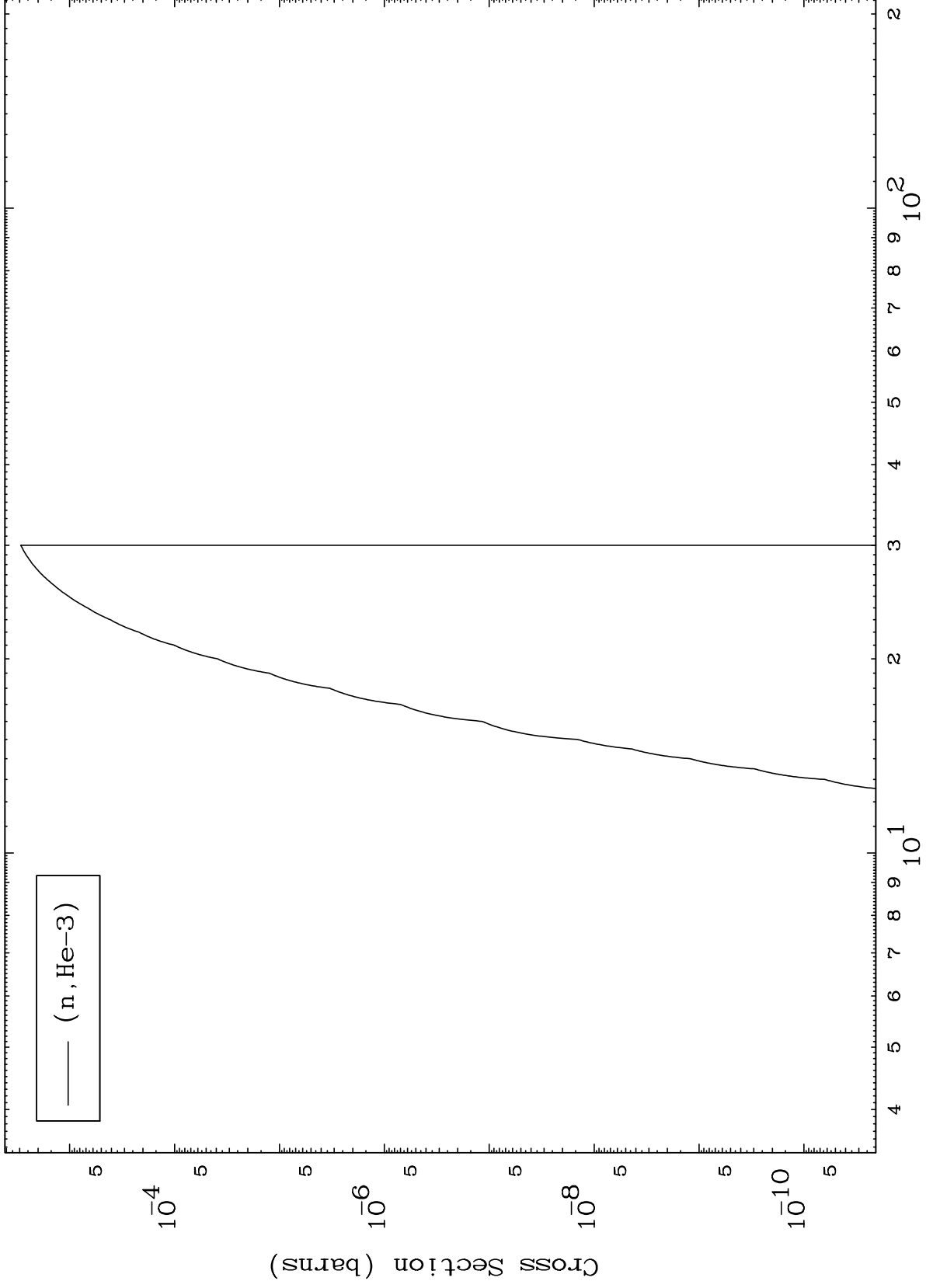
Incident Energy (MeV)

56-Ba-129

MAT 5622

(n,He3) Levels
293 Kelvin Cross Sections

56-Ba-129



13

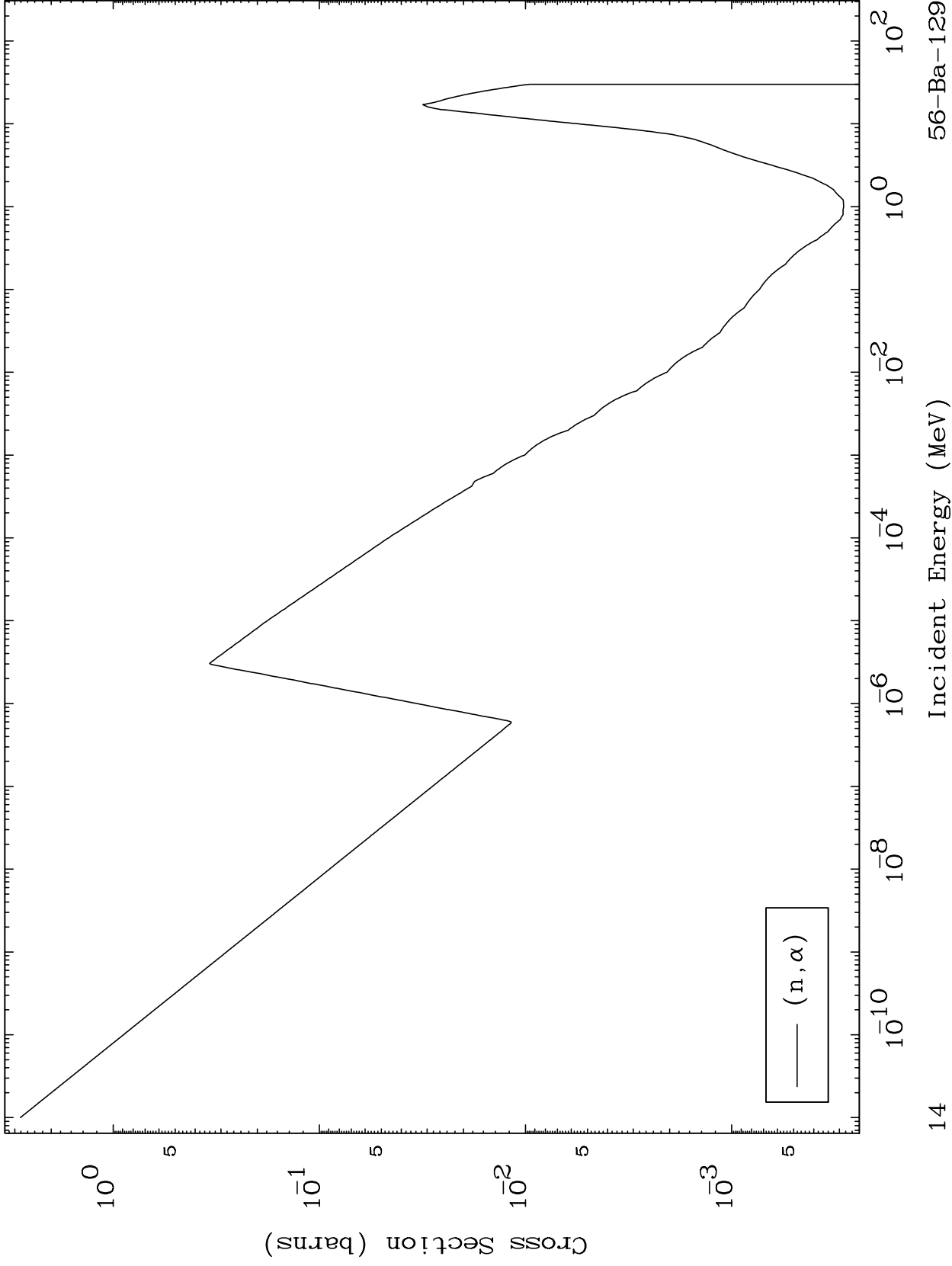
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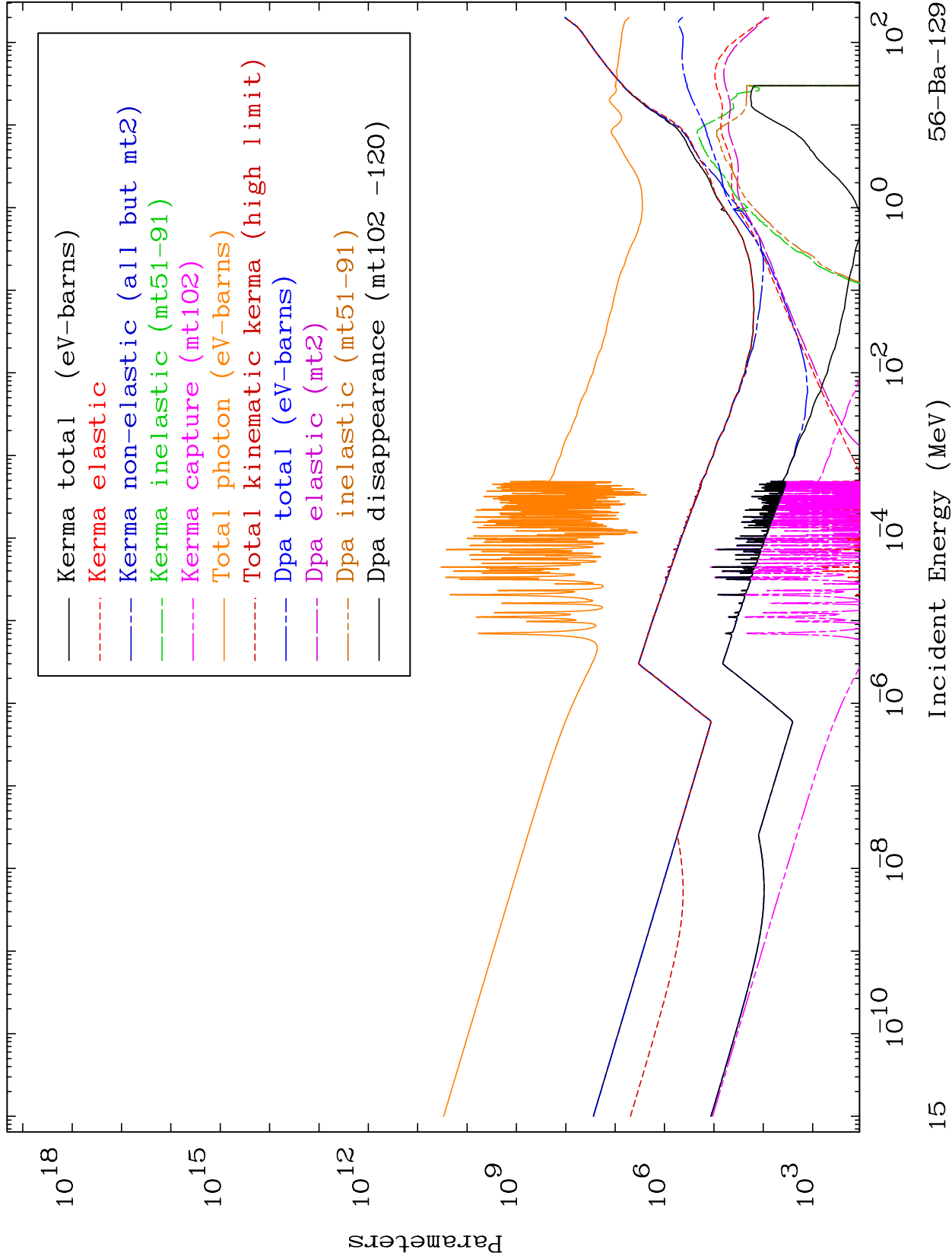
56-Ba-129

MAT 5622

(n, α) Levels
293 Kelvin Cross Sections

56-Ba-129

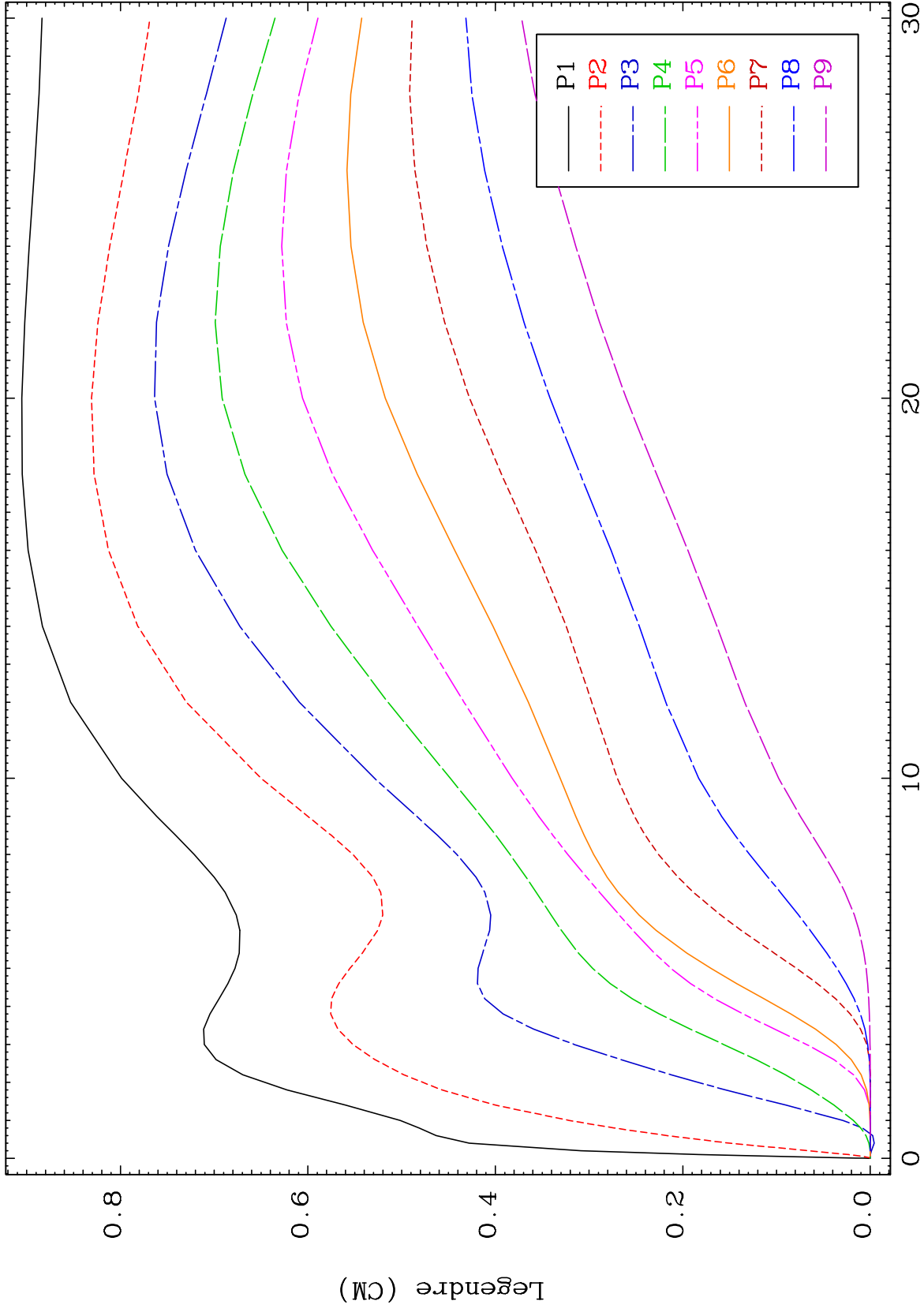




MAT 5622

Elastic Legendre Coefficients

56-Ba-129



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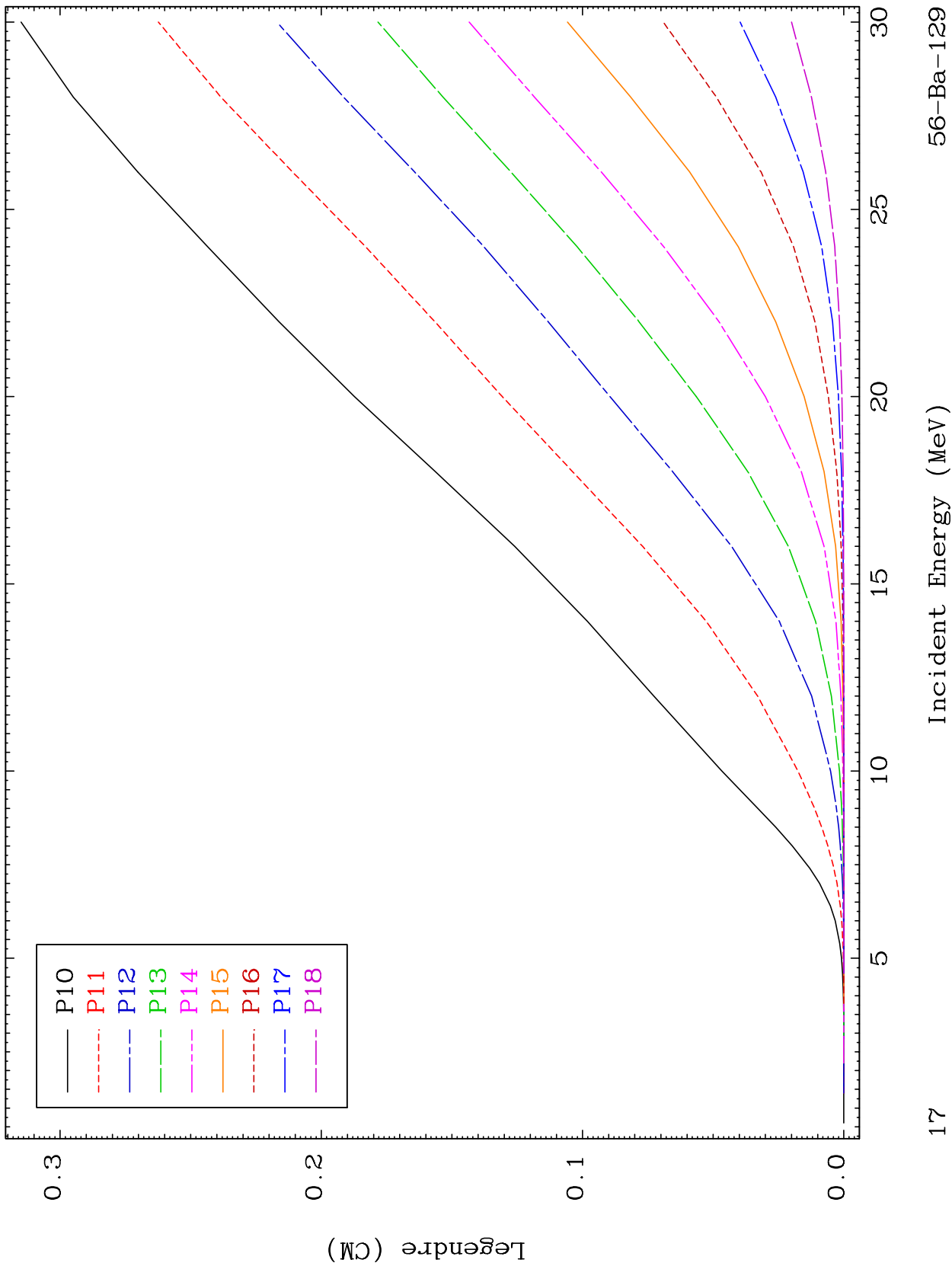
Incident Energy (MeV)

56-Ba-129

MAT 5622

Elastic Legendre Coefficients

56-Ba-129

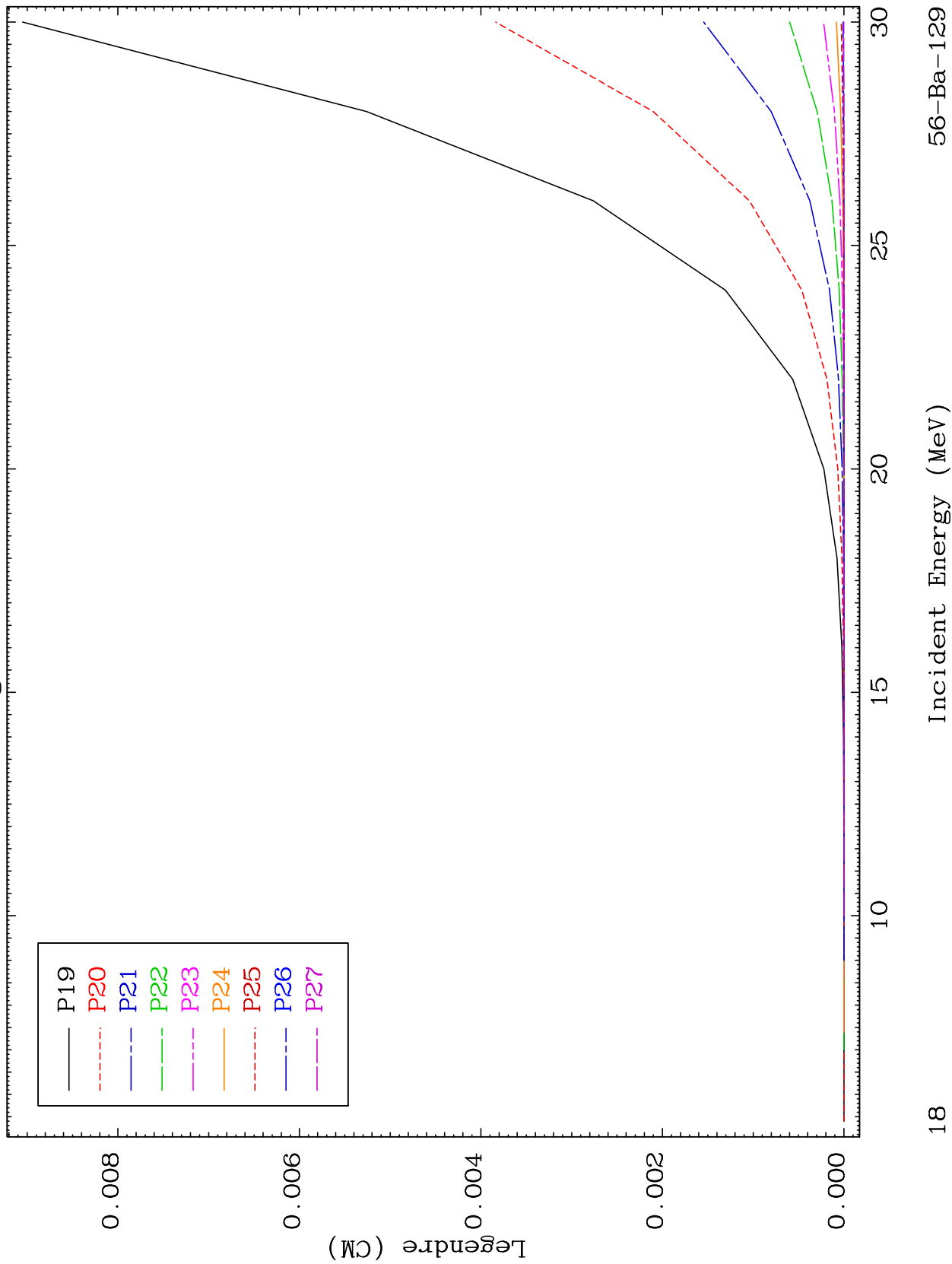


17

MAT 5622

Elastic Legendre Coefficients

56-Ba-129



18

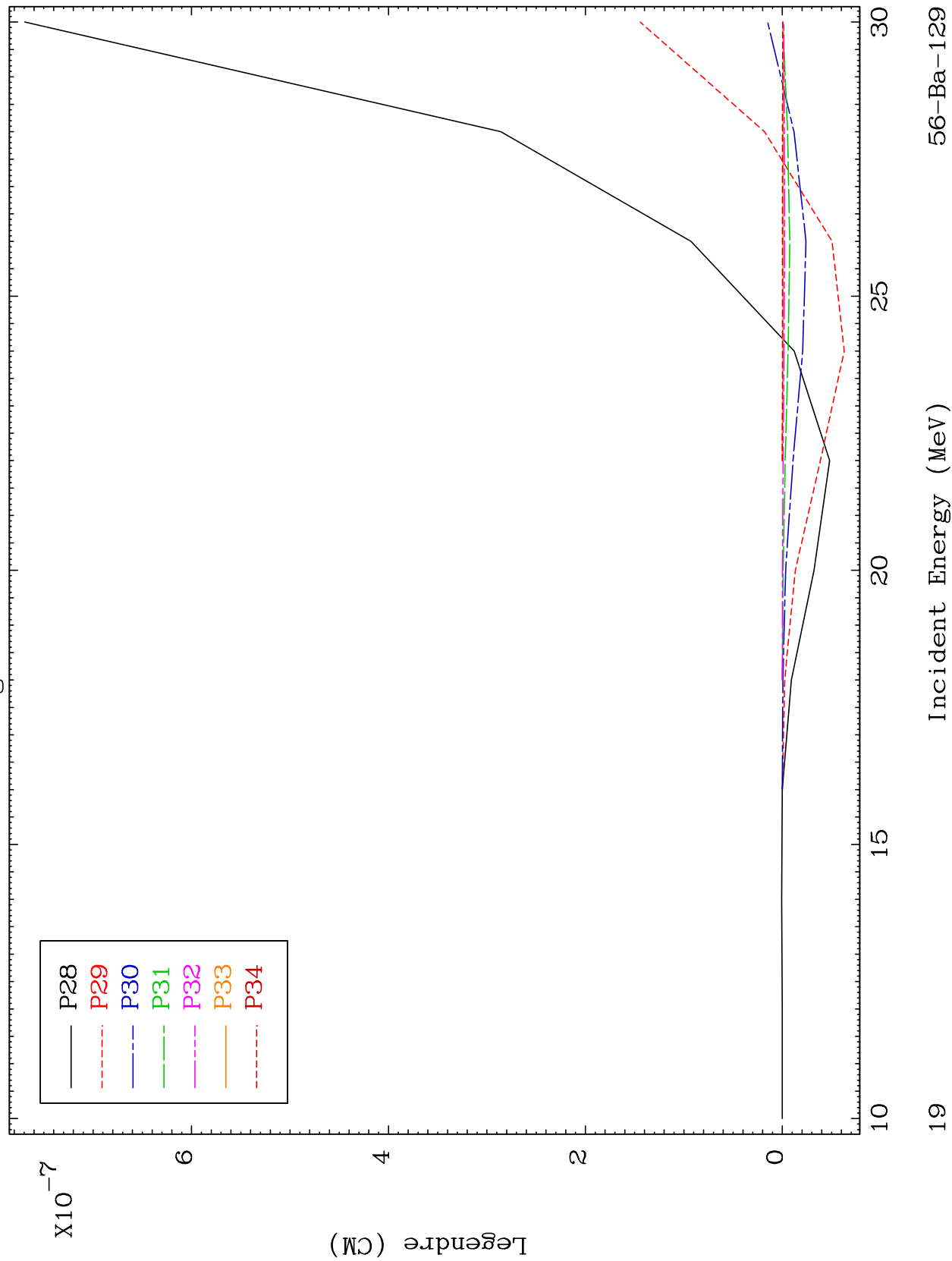
Incident Energy (MeV)

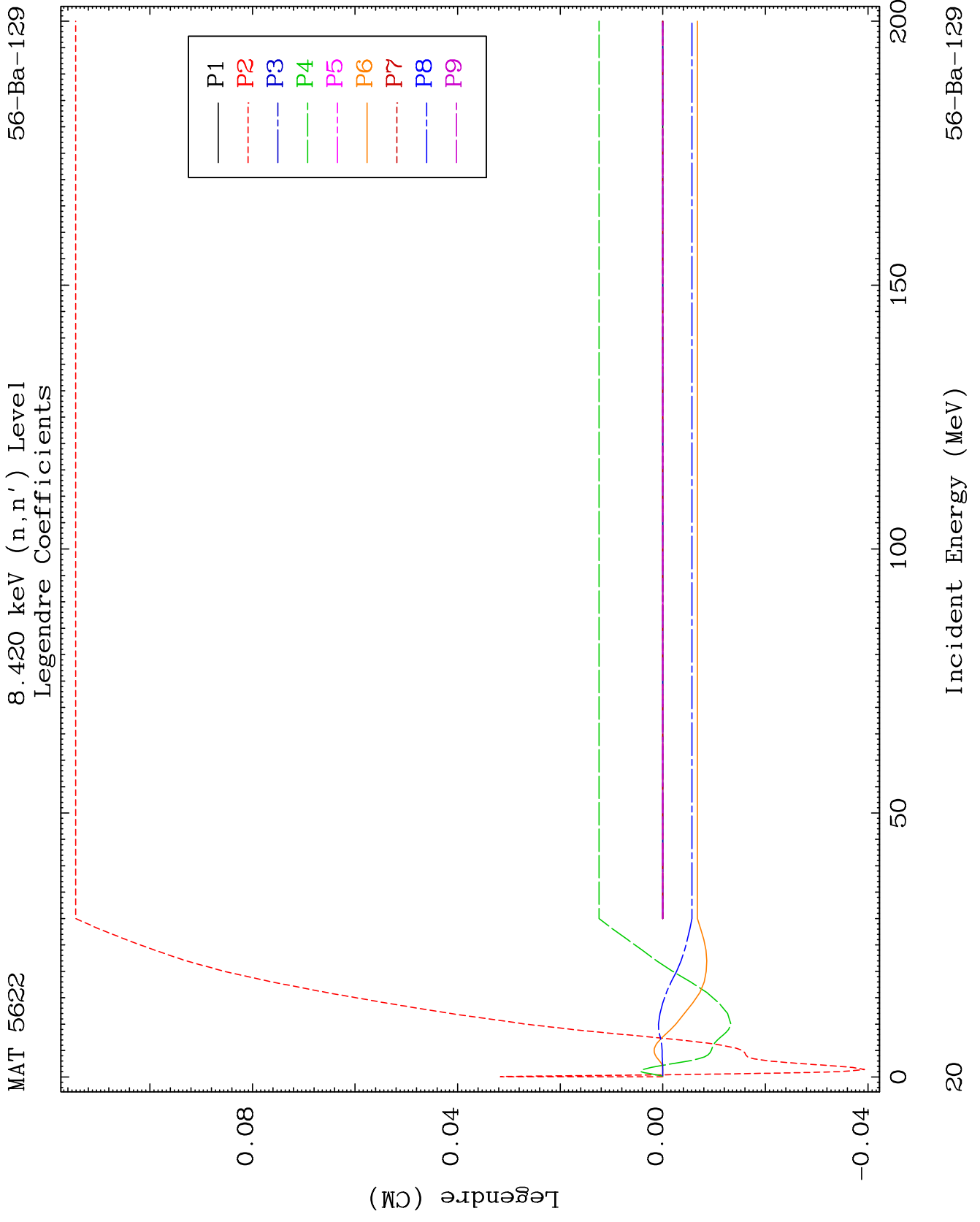
56-Ba-129

MAT 5622

Elastic
Legendre Coefficients

56-Ba-129

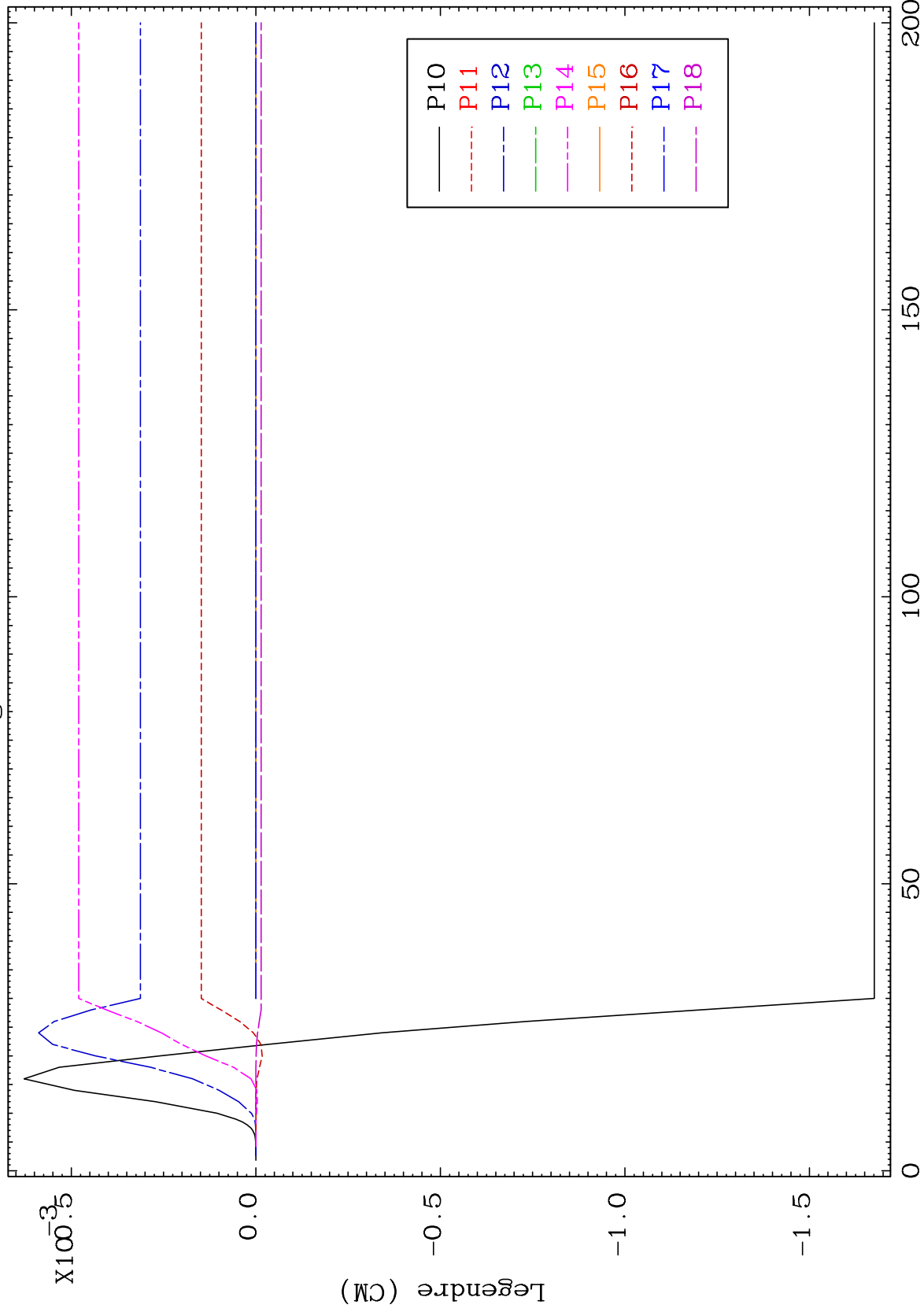




MAT 5622

8.420 keV (n,n') Level
Legendre Coefficients

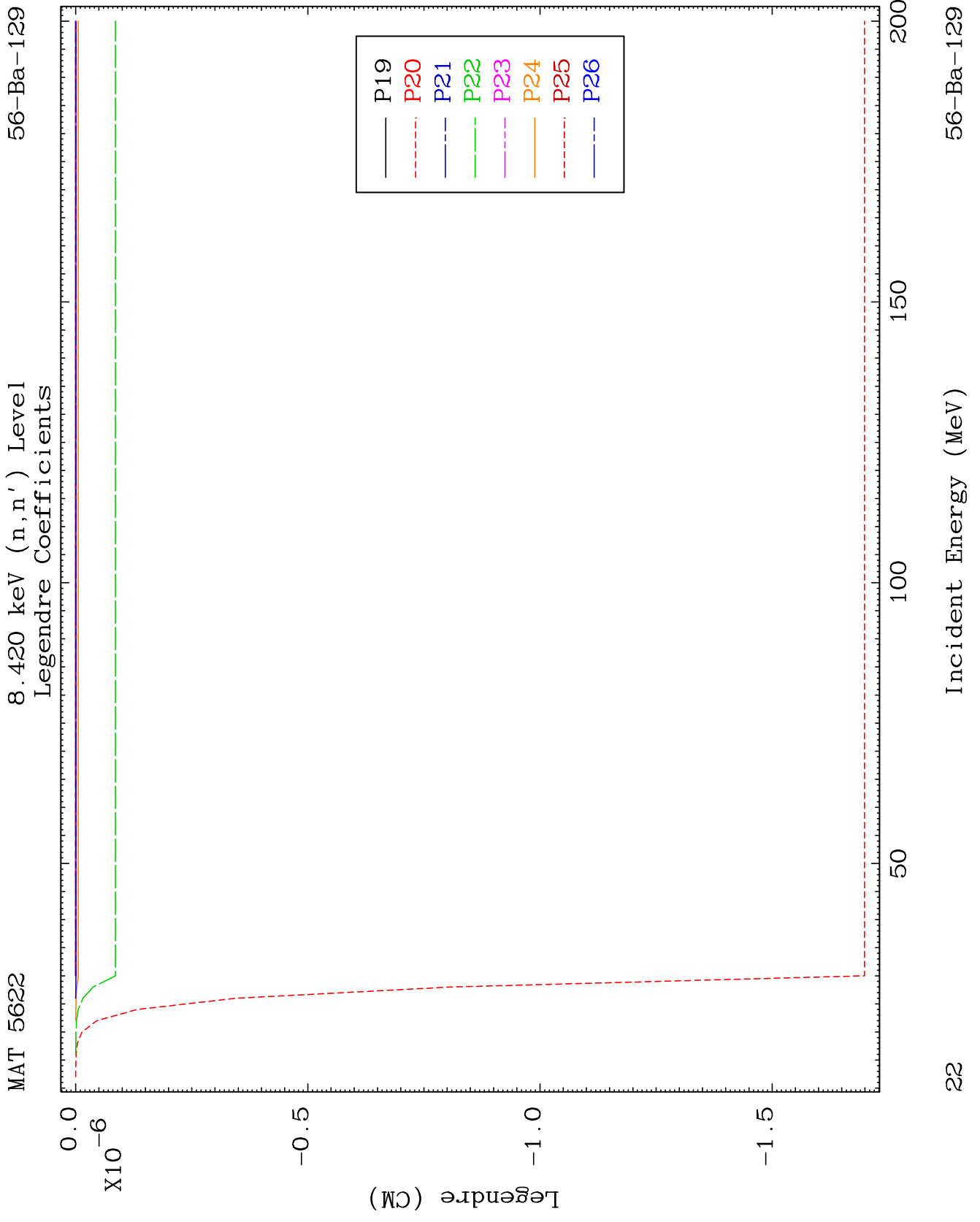
56-Ba-129



21

Incident Energy (MeV)

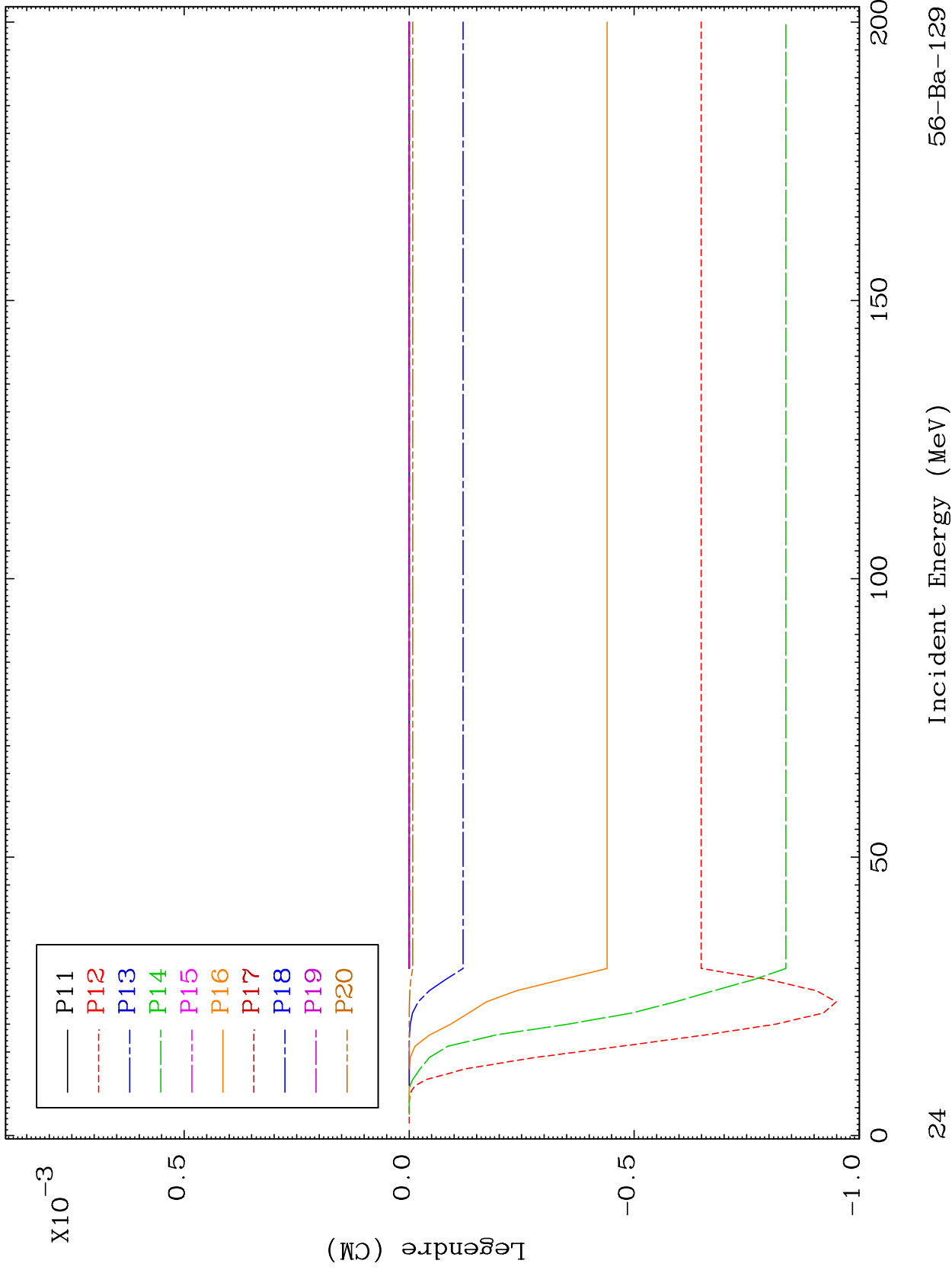
56-Ba-129



MAT 5622

110.6 keV (n,n') Level
Legendre Coefficients

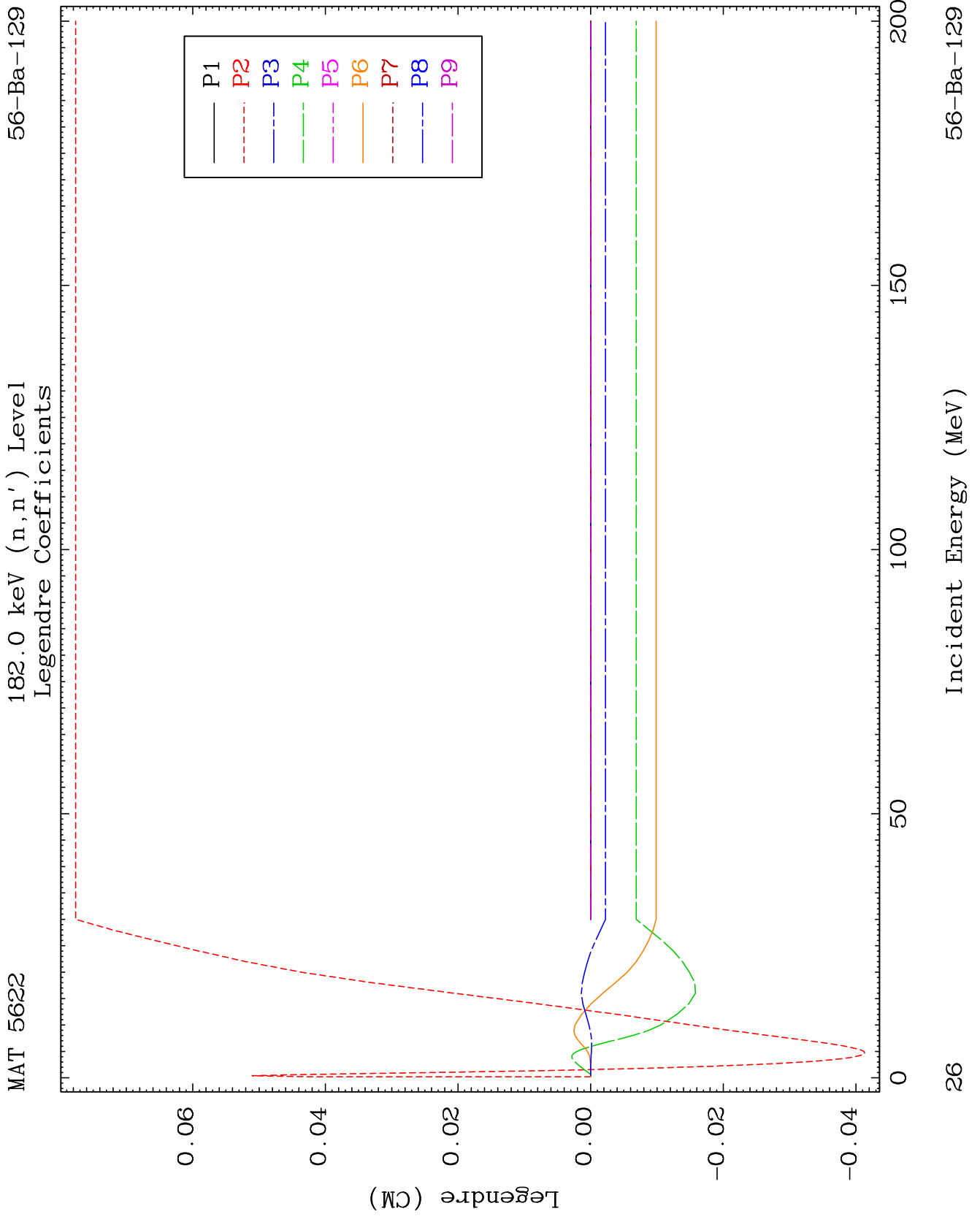
56-Ba-129



24

Incident Energy (MeV)

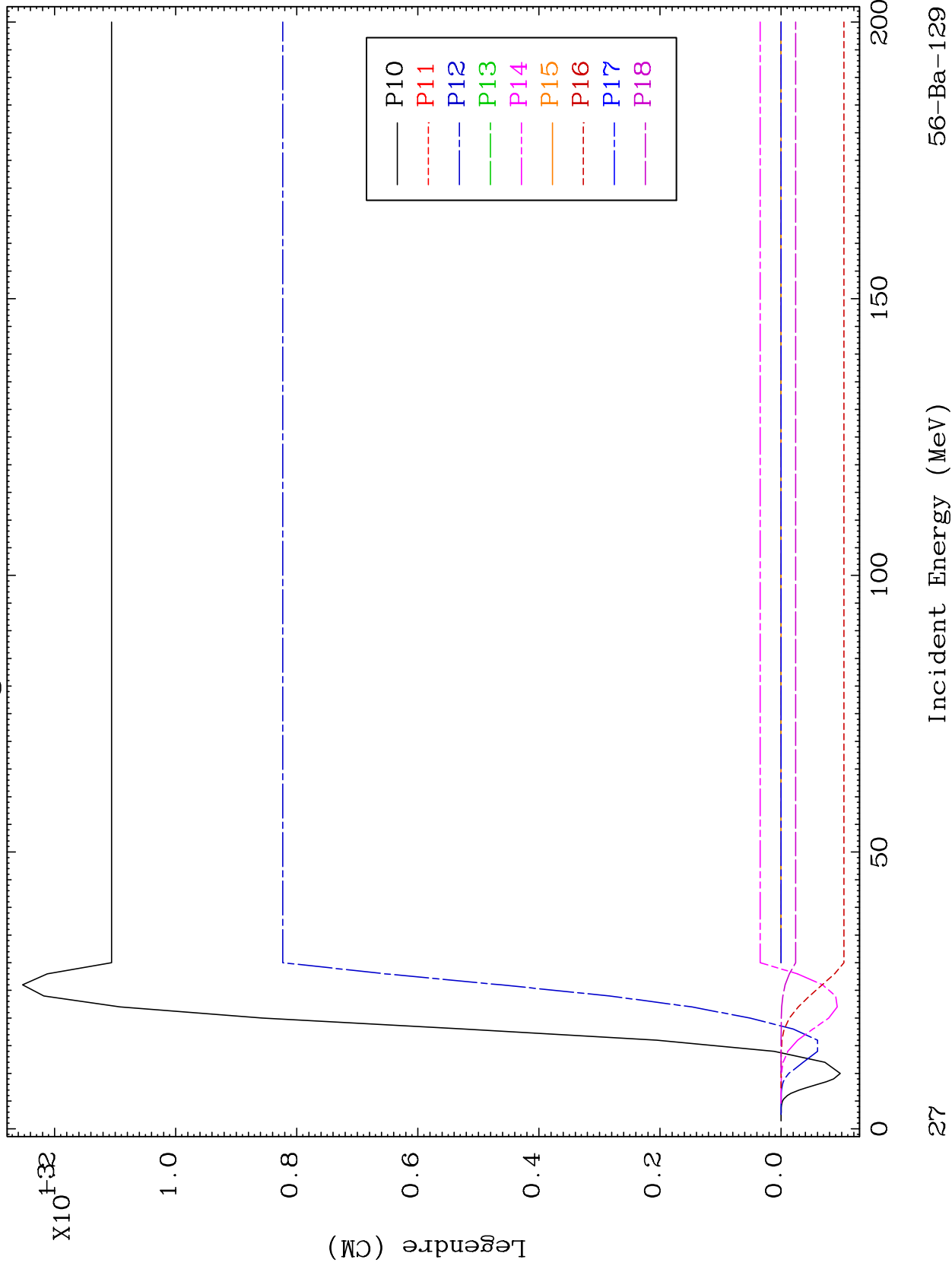
56-Ba-129



MAT 5622

182.0 keV (n,n') Level
Legendre Coefficients

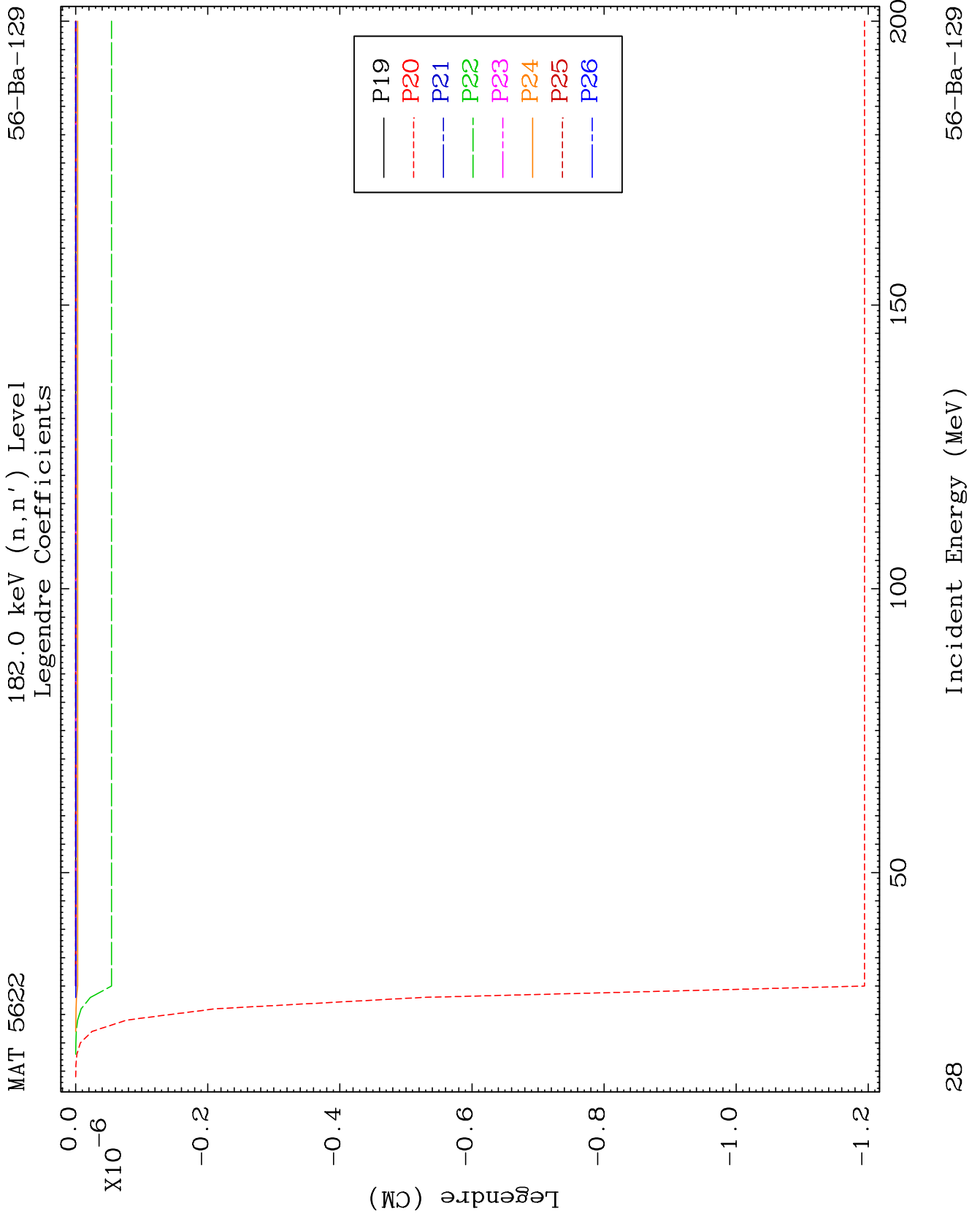
56-Ba-129

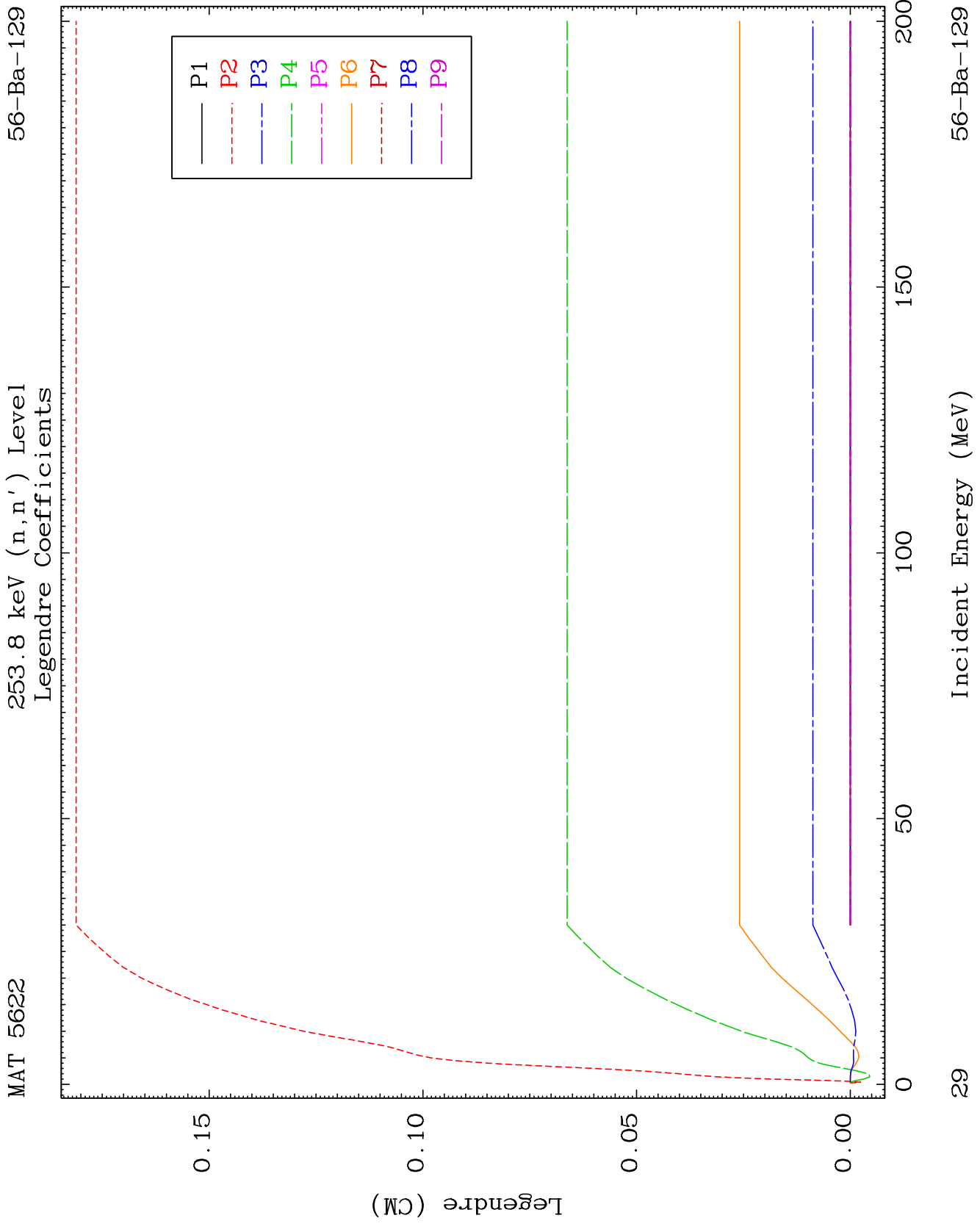


27

Incident Energy (MeV)

56-Ba-129

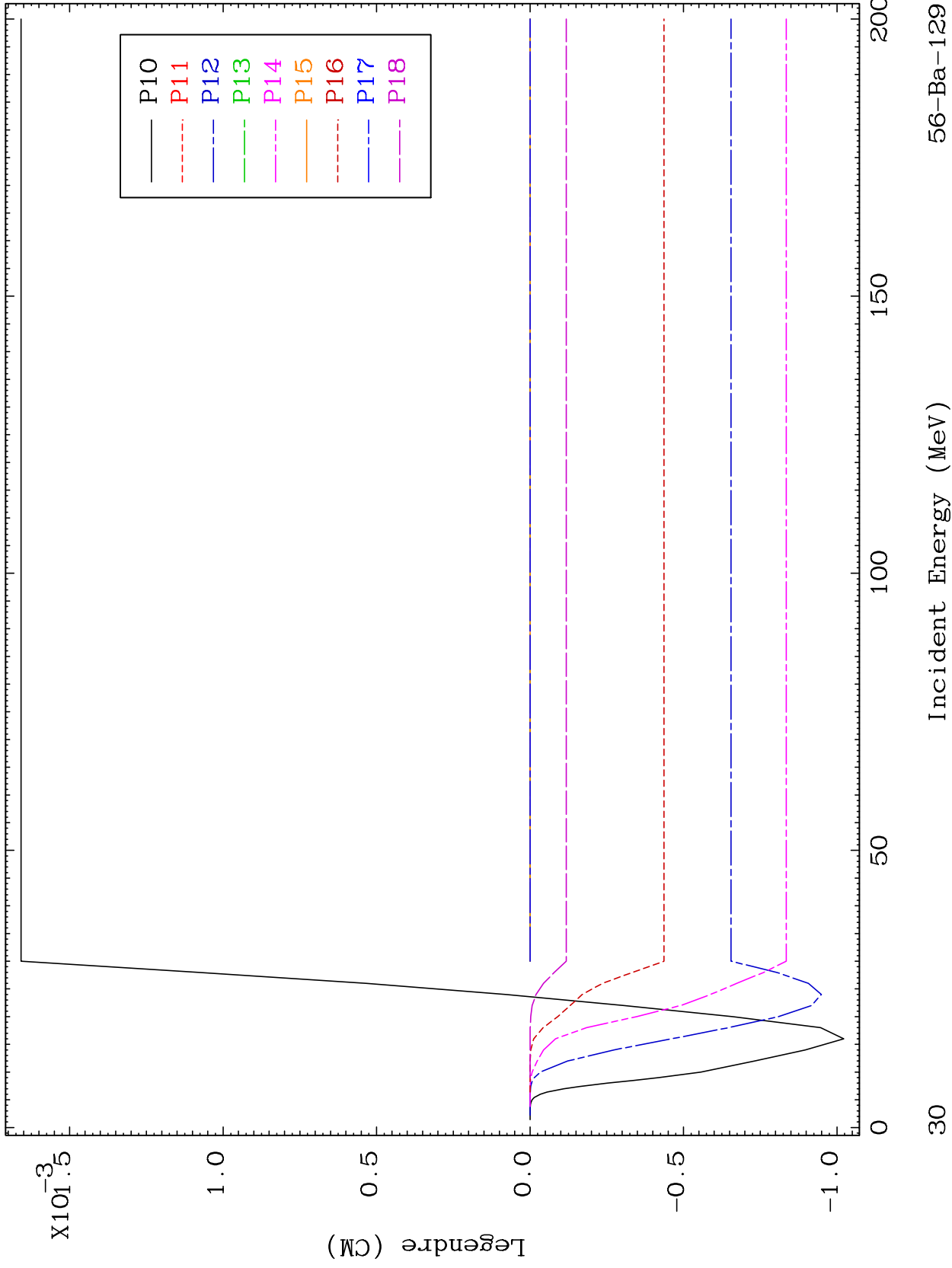




MAT 5622

253.8 keV (n,n') Level
Legendre Coefficients

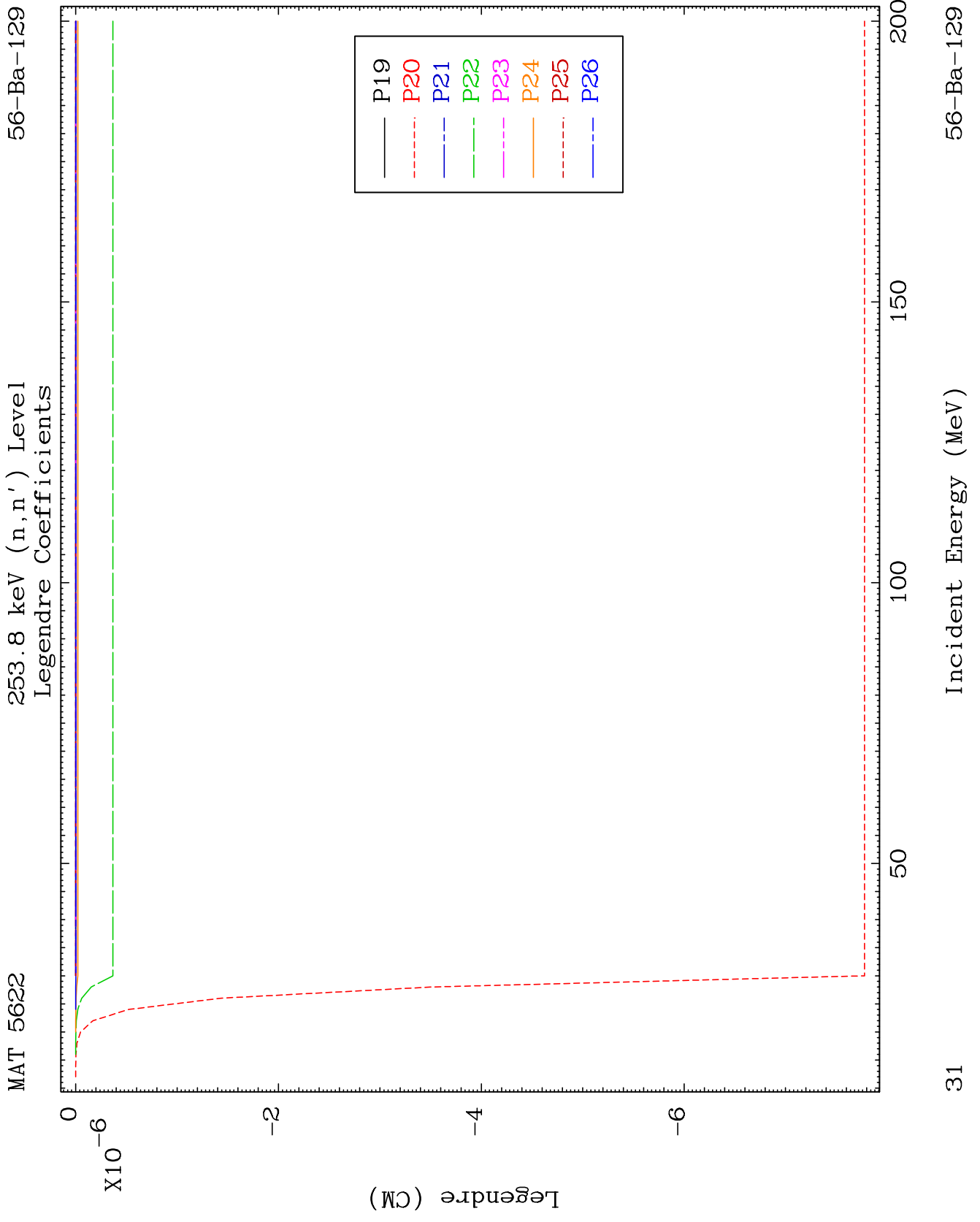
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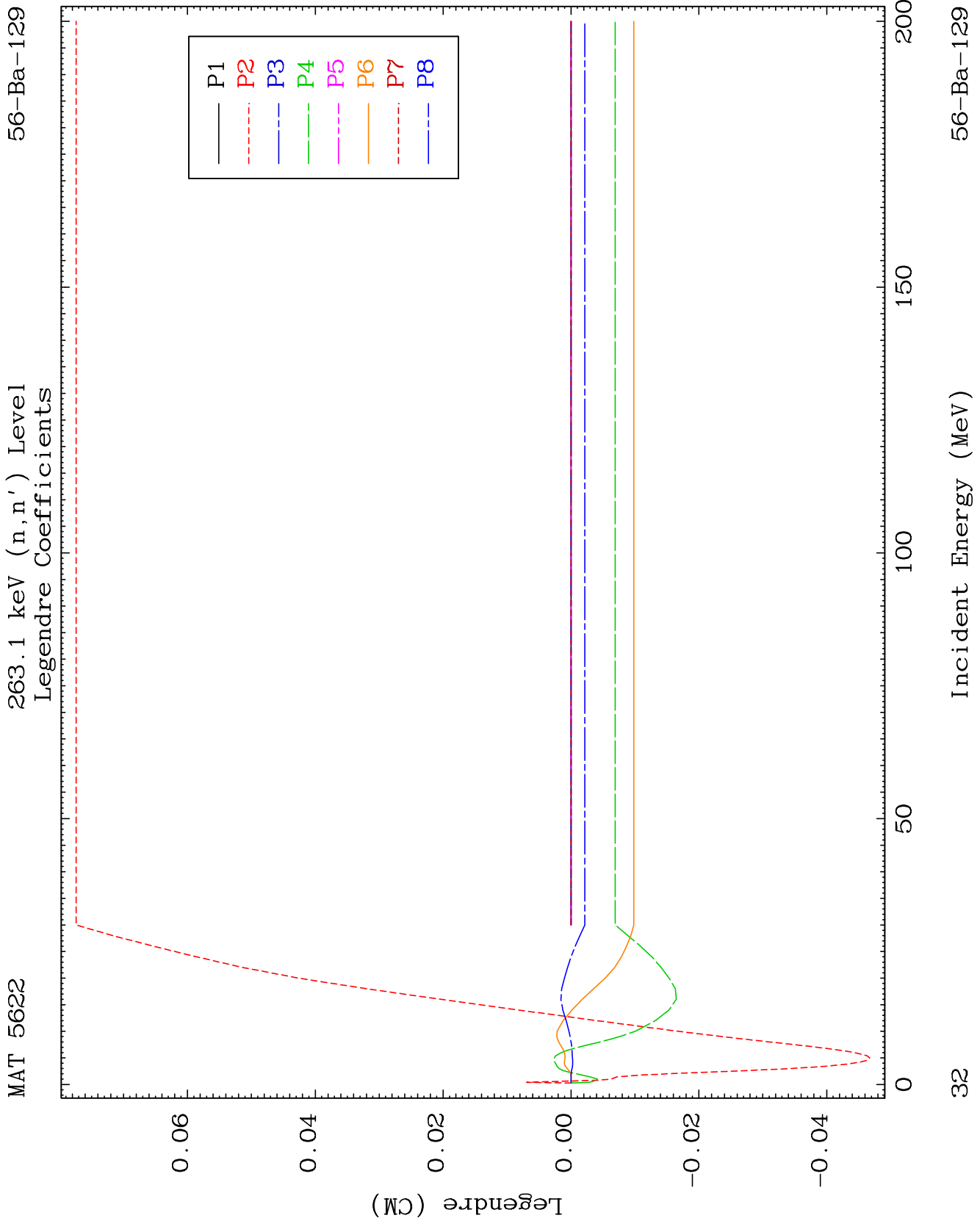


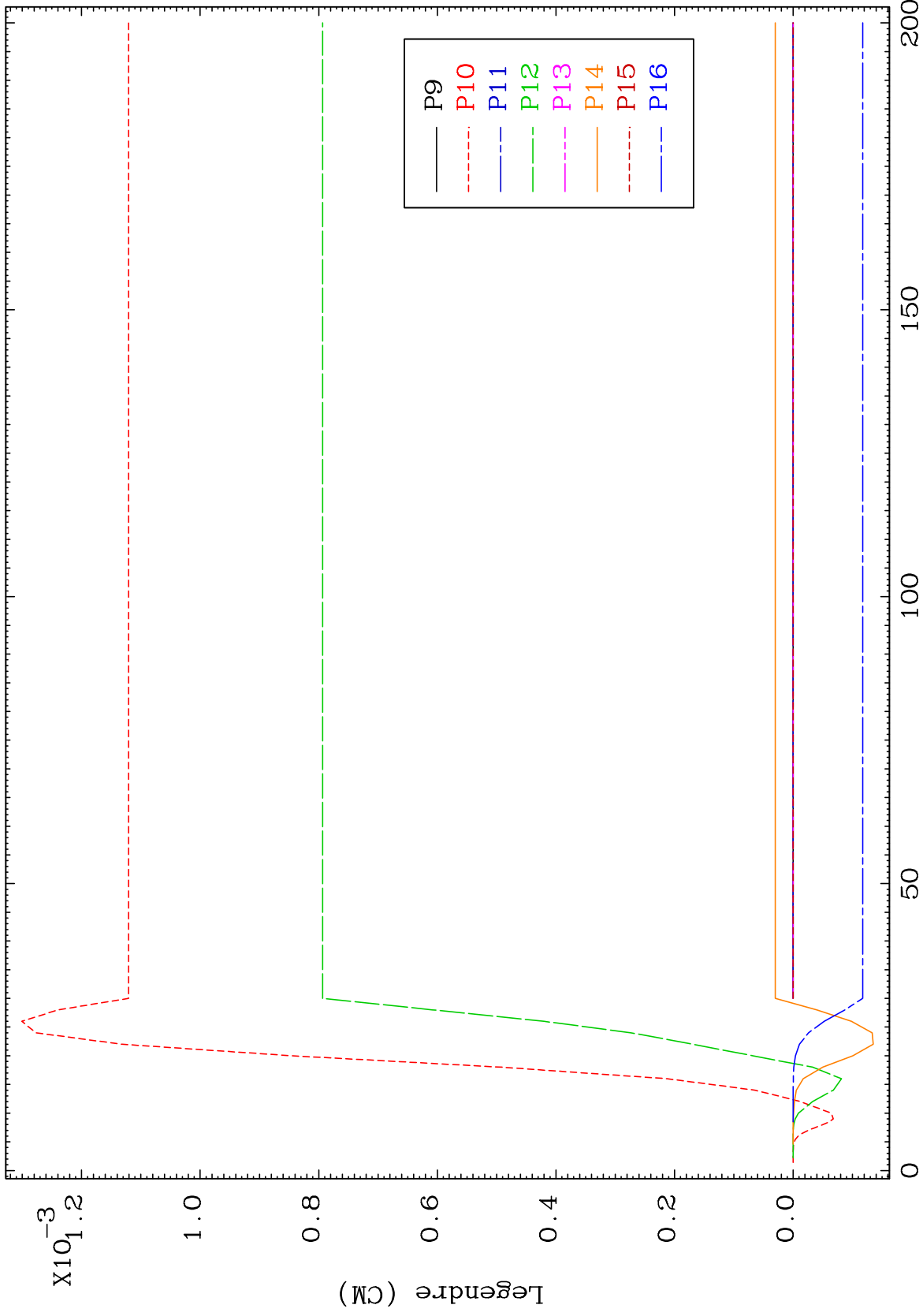
56-Ba-129

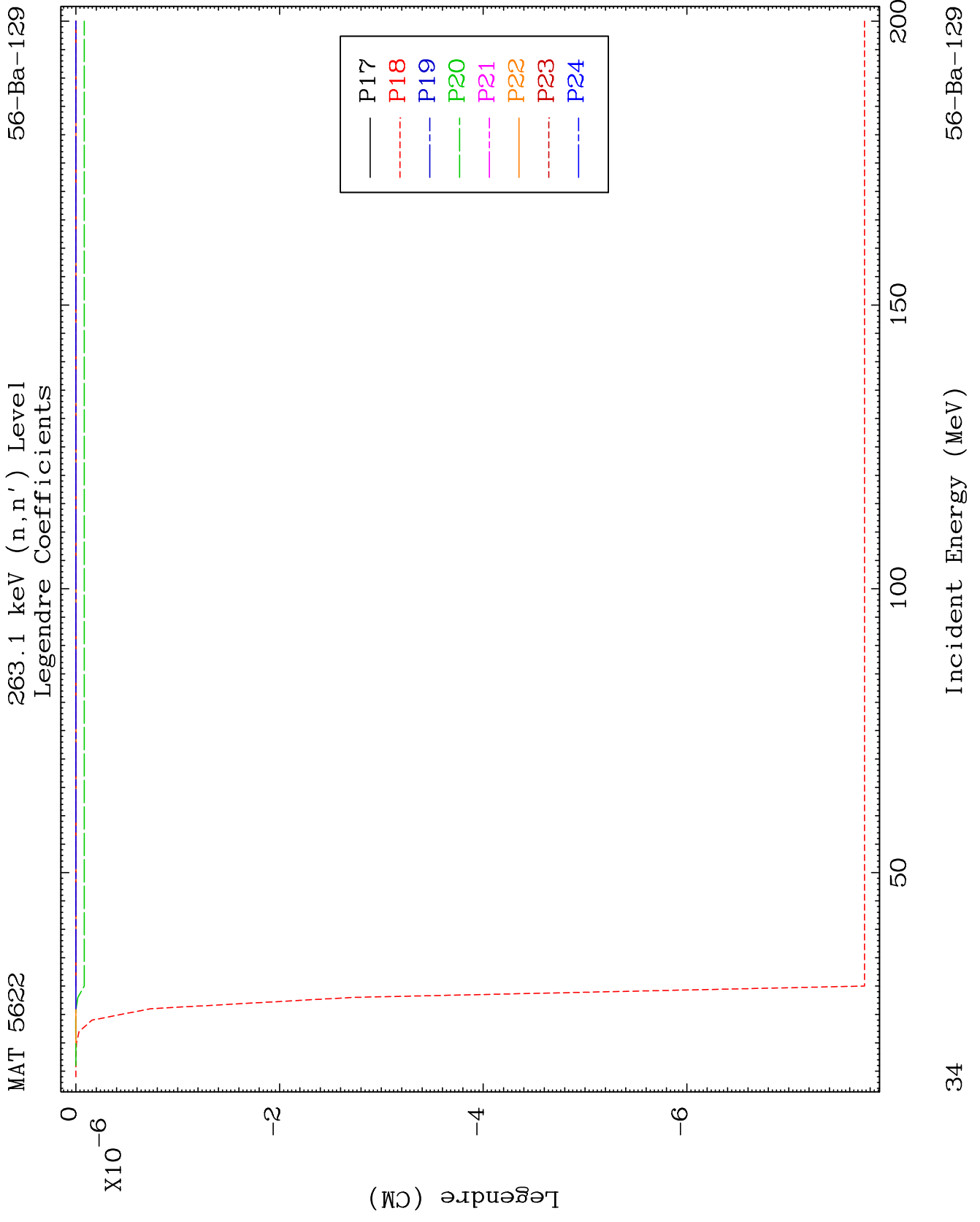
Incident Energy (MeV)

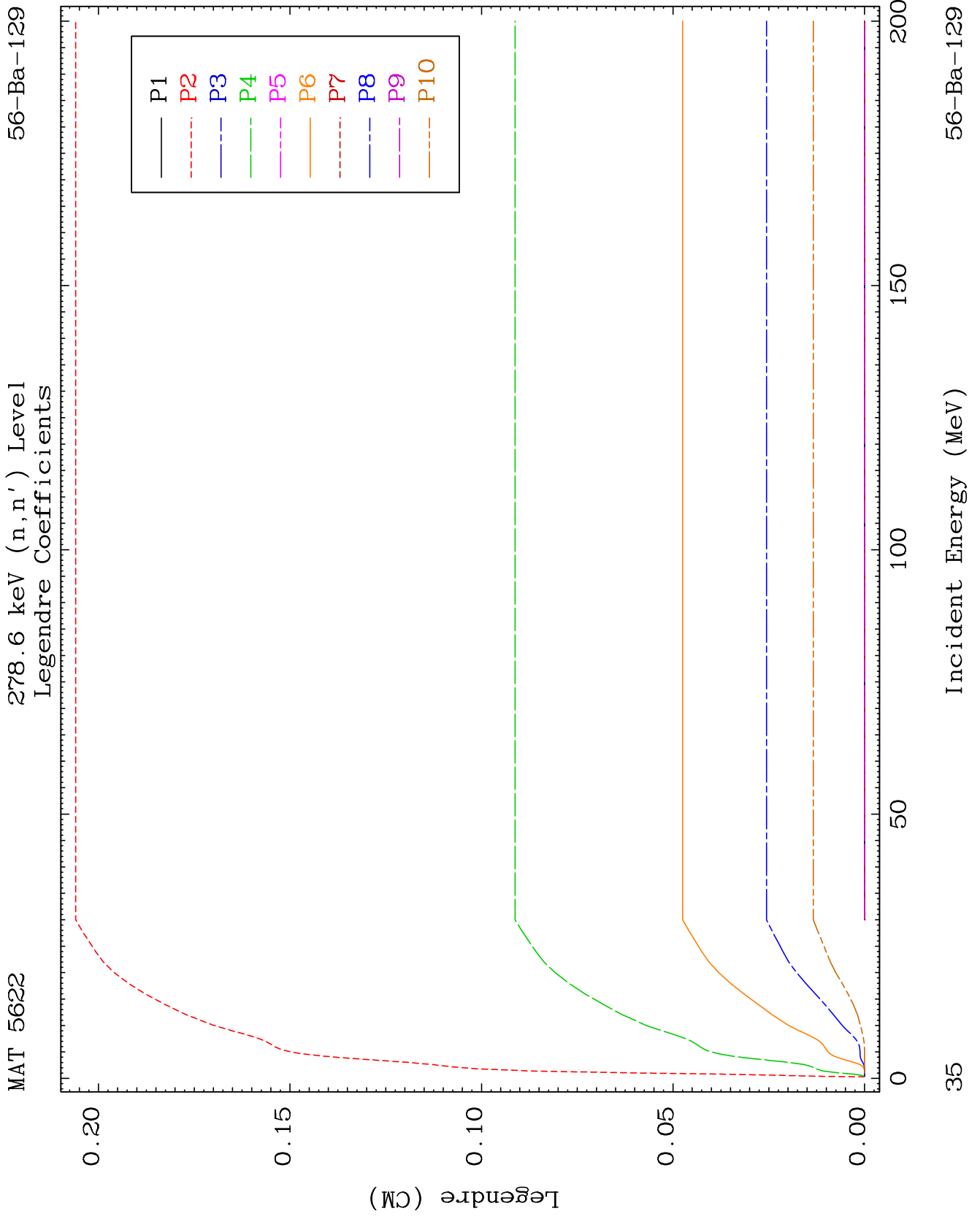
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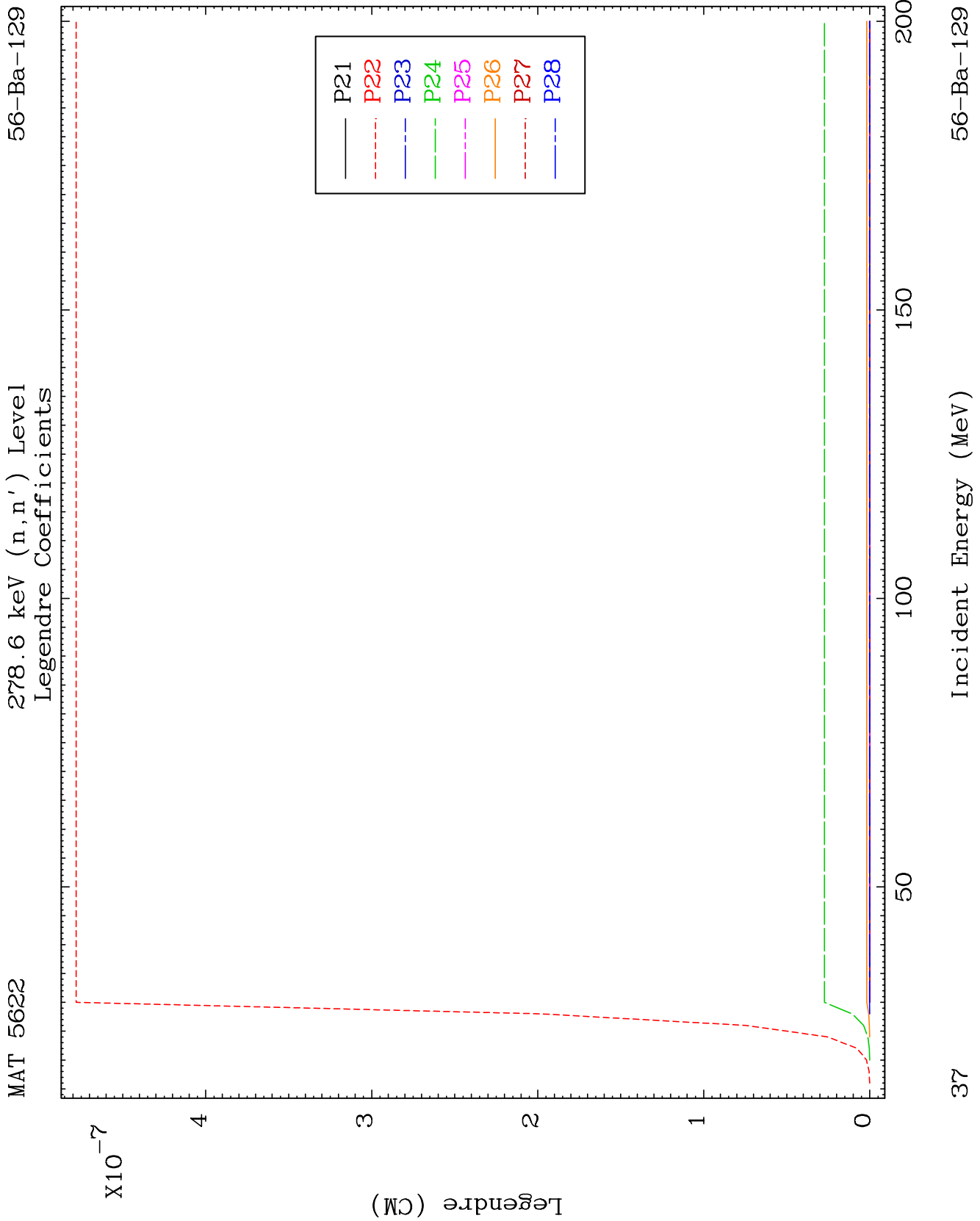








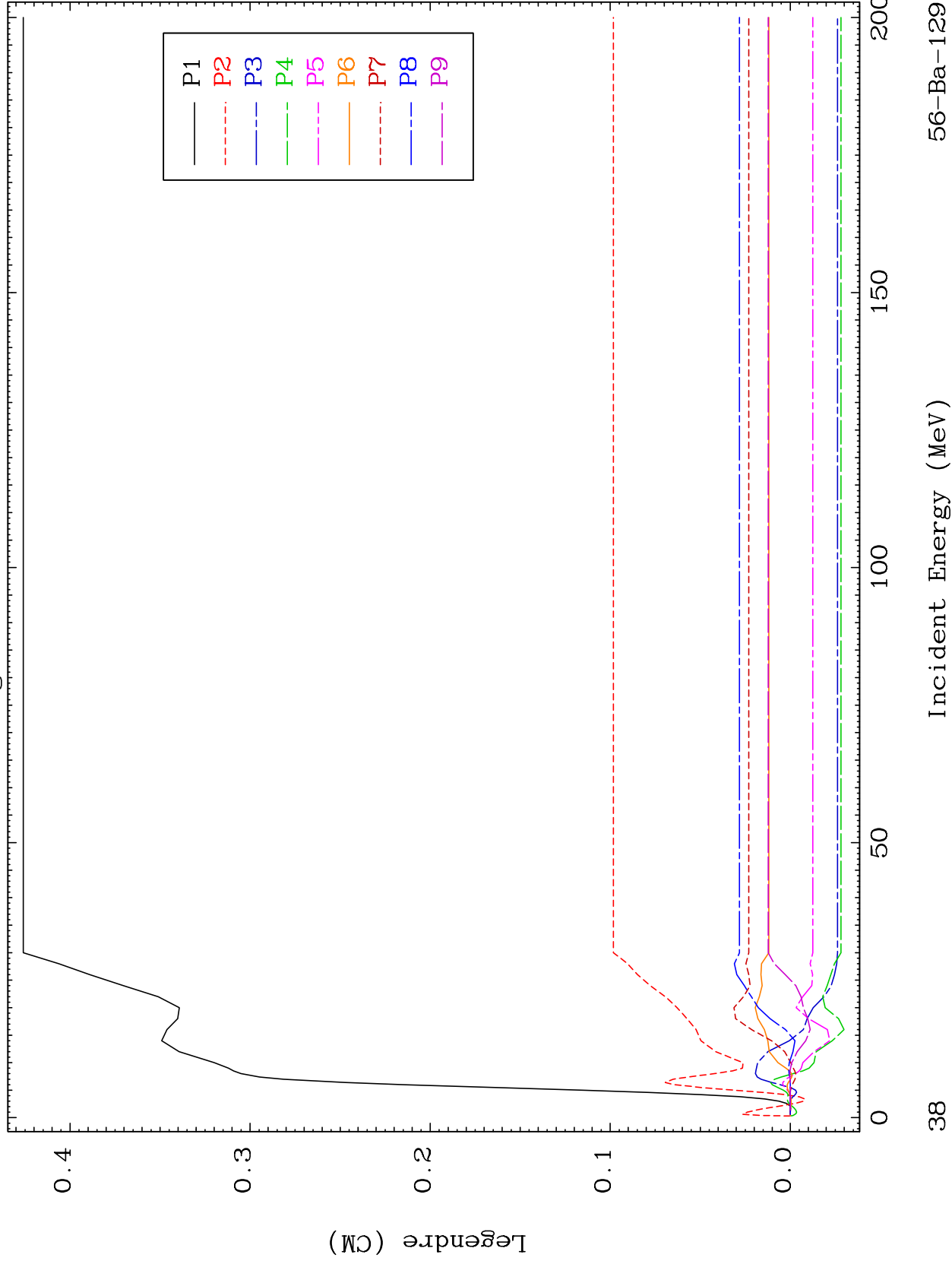




MAT 5622

298.6 keV (n,n') Level
Legendre Coefficients

56-Ba-129



56-Ba-129

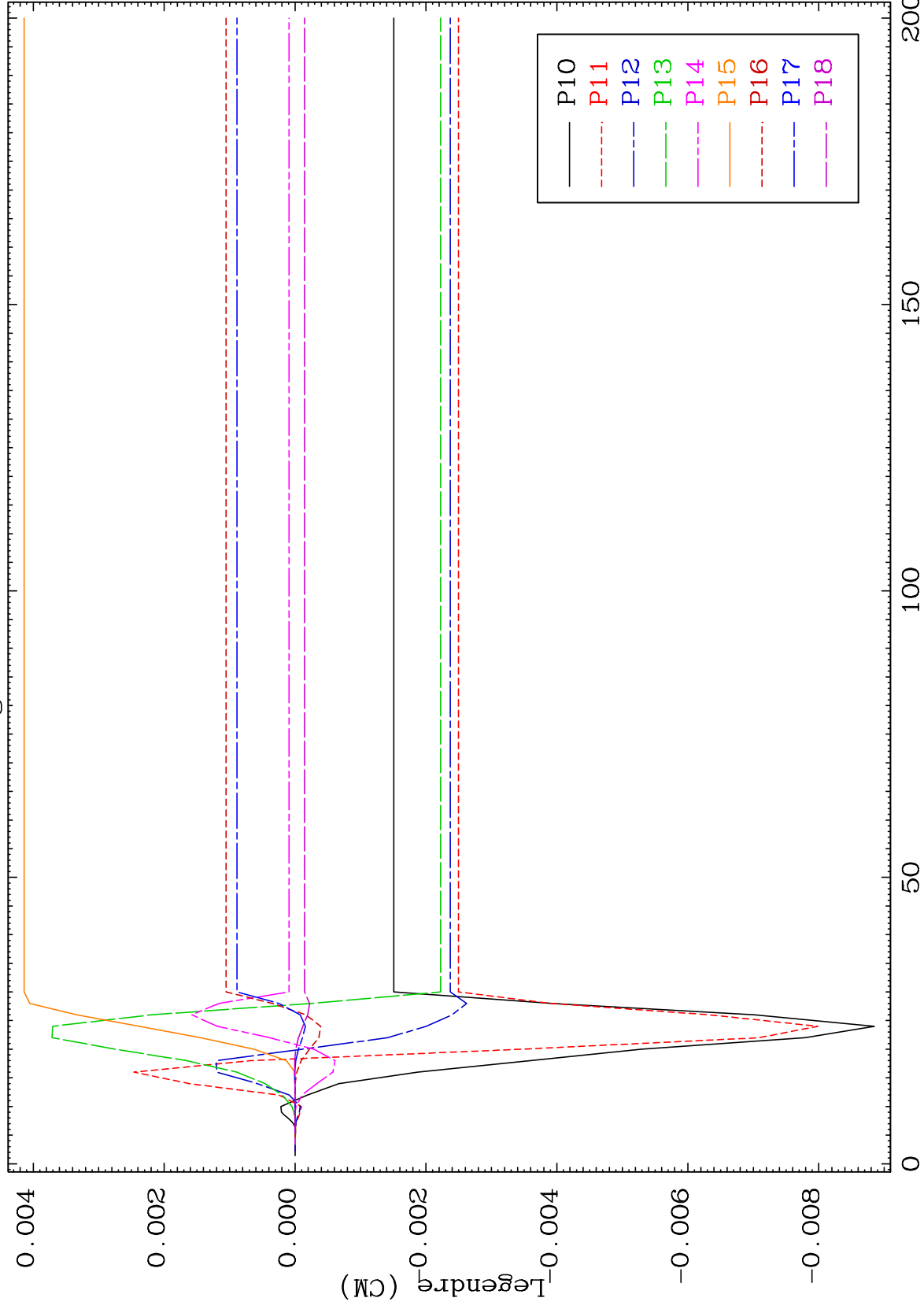
Incident Energy (MeV)

38

MAT 5622

298.6 keV (n,n') Level
Legendre Coefficients

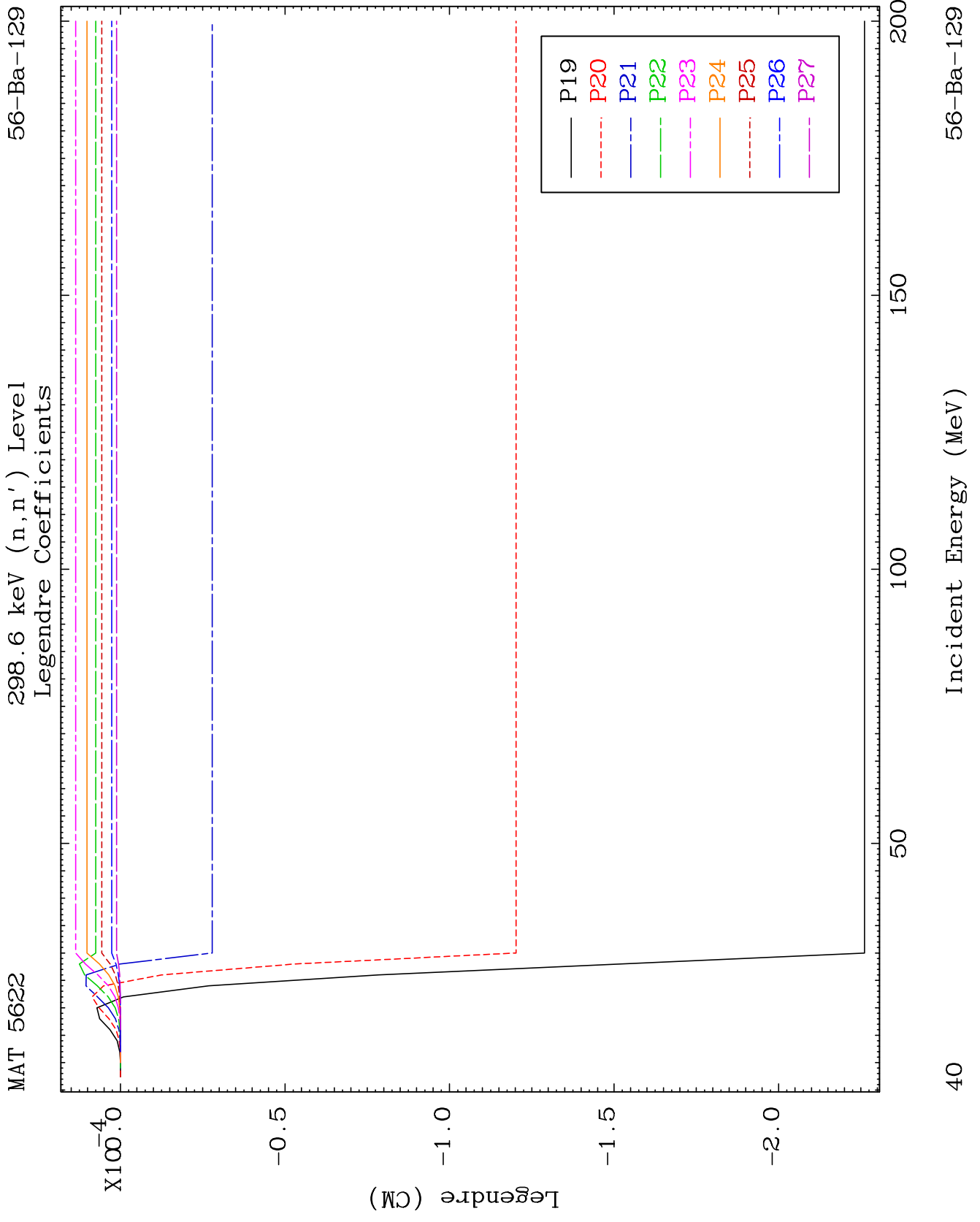
56-Ba-129



39

Incident Energy (MeV)

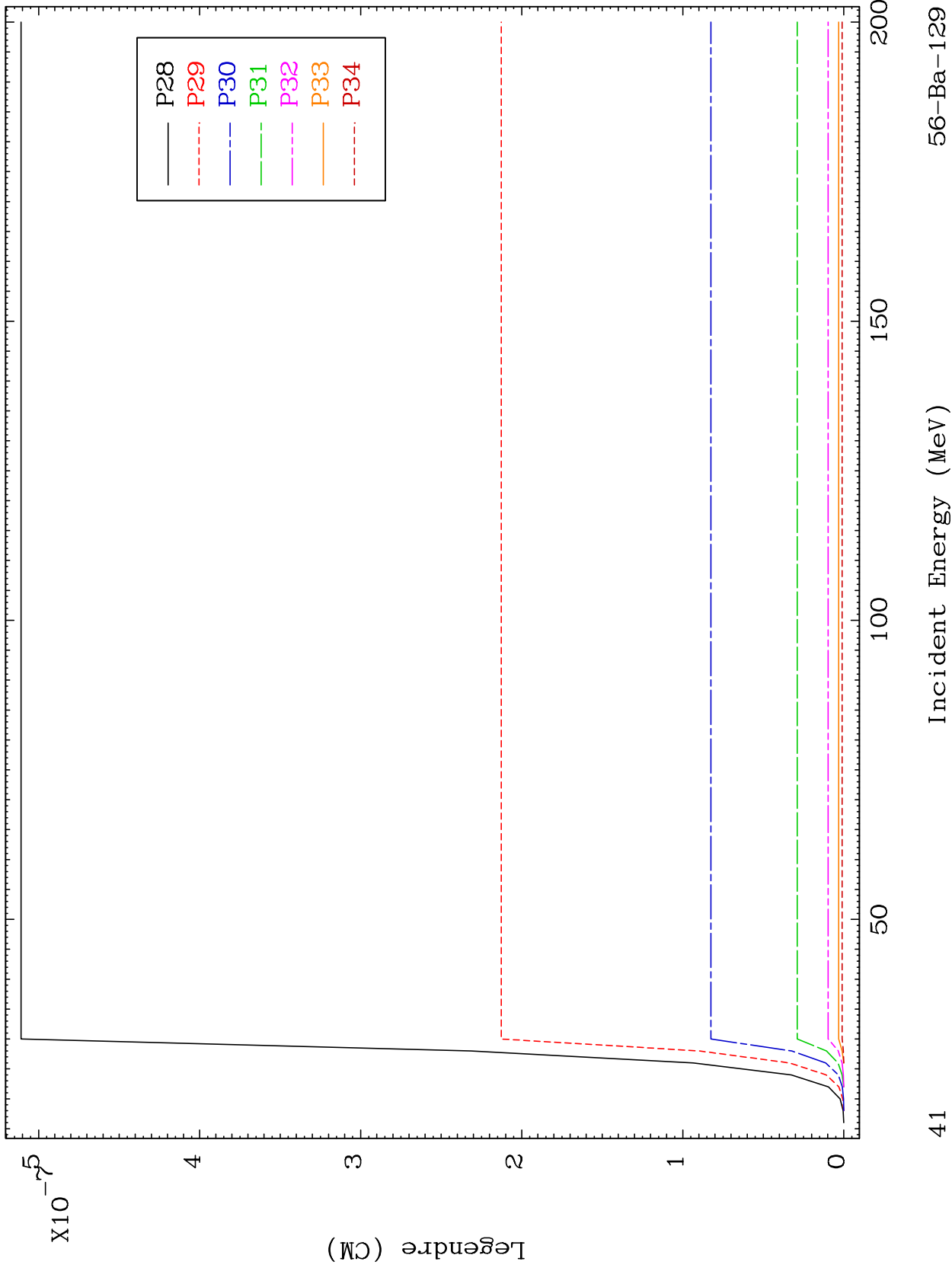
56-Ba-129



MAT 5622

298.6 keV (n,n') Level
Legendre Coefficients

56-Ba-129



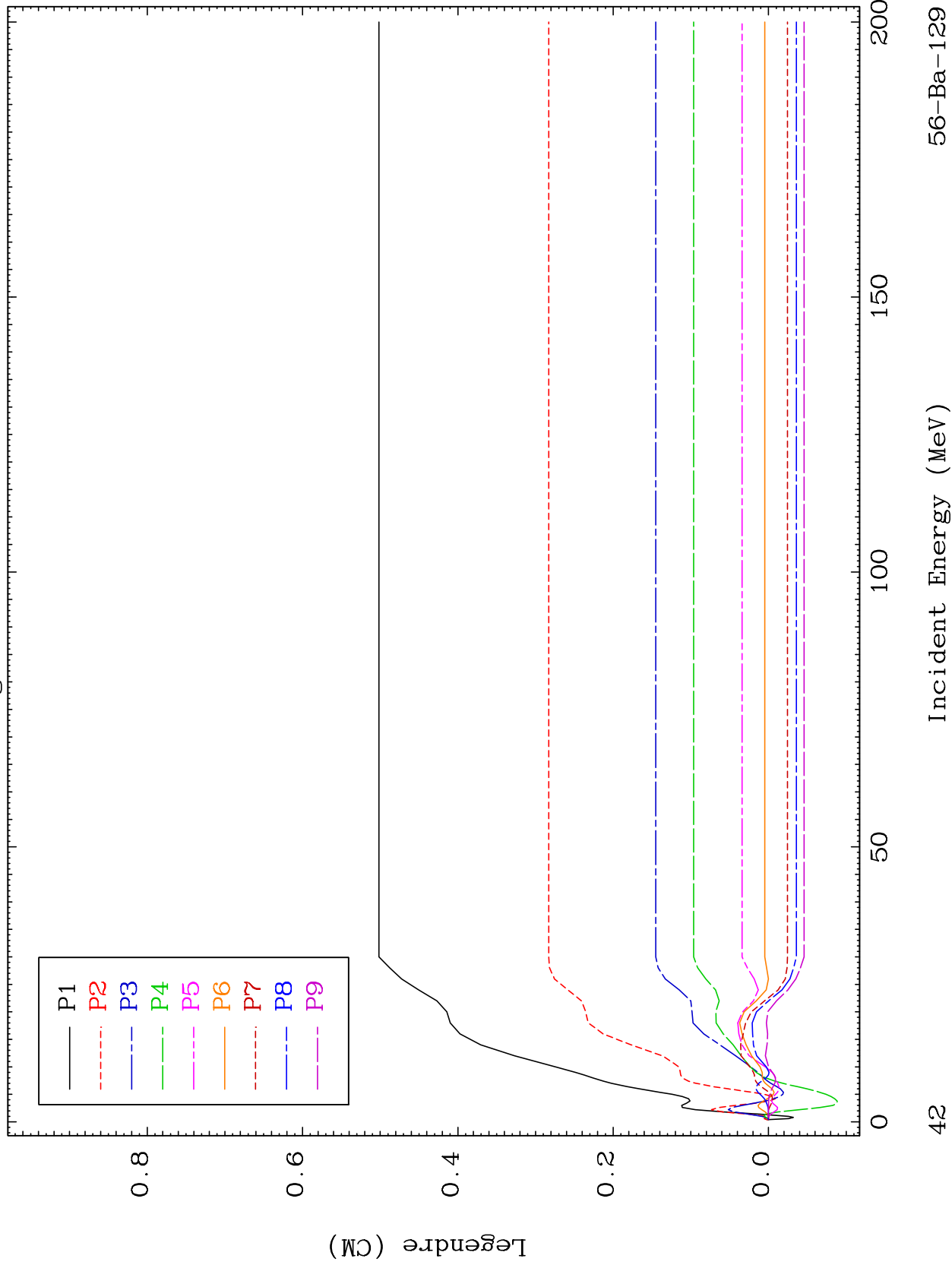
41

56-Ba-129

MAT 5622

318.4 keV (n,n') Level
Legendre Coefficients

56-Ba-129



56-Ba-129

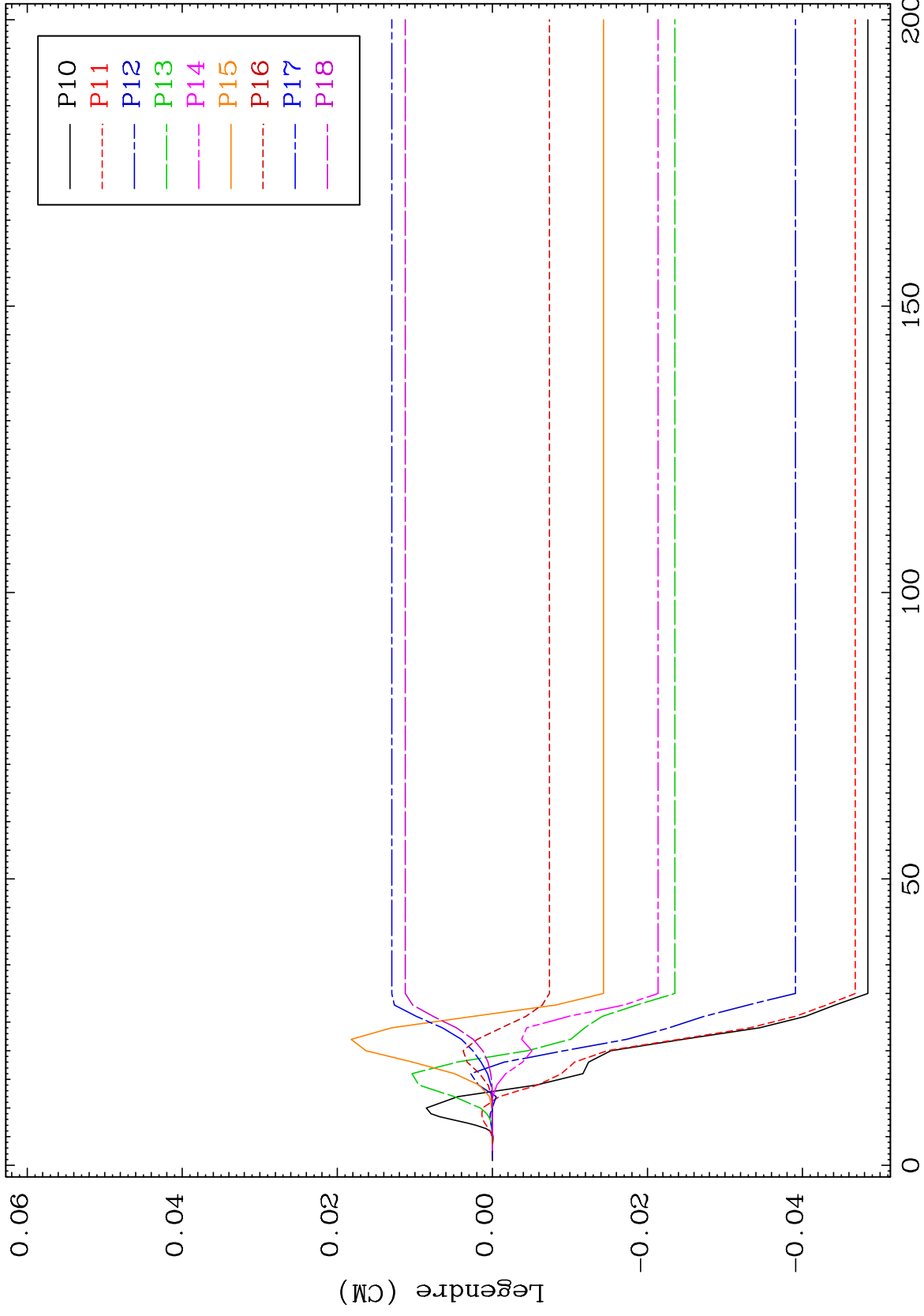
Incident Energy (MeV)

42

MAT 5622

318.4 keV (n,n') Level
Legendre Coefficients

56-Ba-129



43

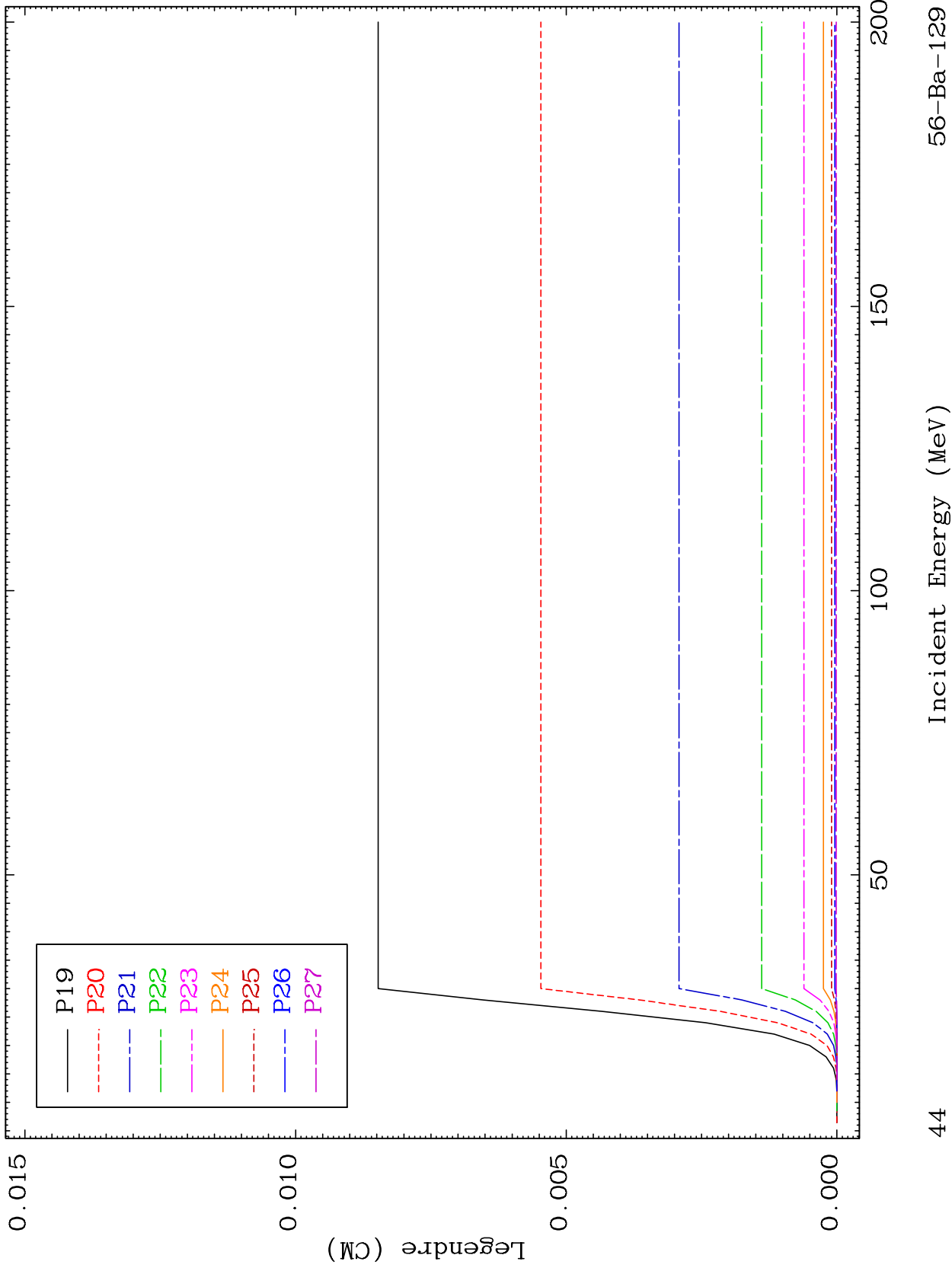
Incident Energy (MeV)

56-Ba-129

MAT 5622

318.4 keV (n,n') Level
Legendre Coefficients

56-Ba-129



44

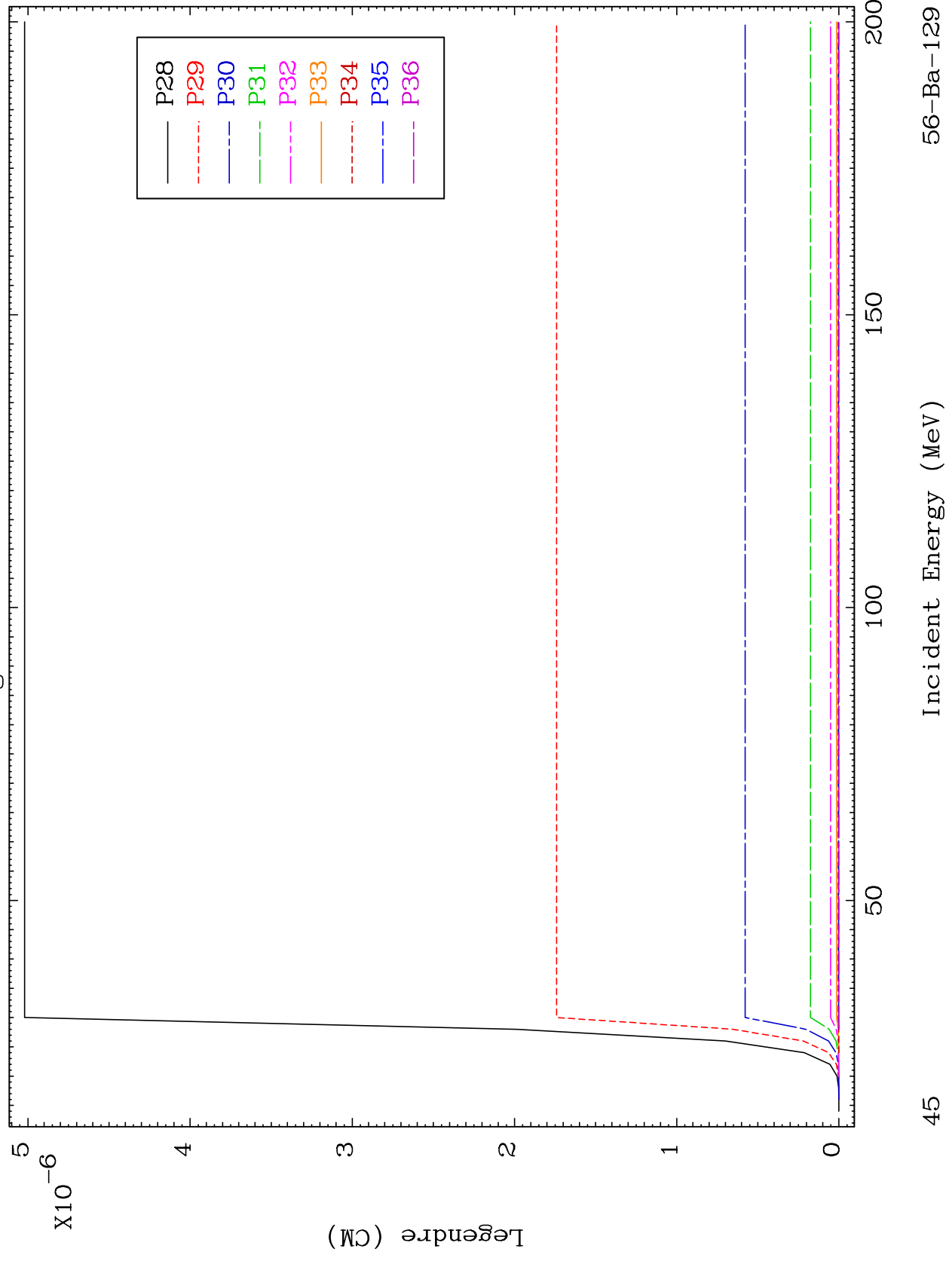
Incident Energy (MeV)

56-Ba-129

MAT 5622

318.4 keV (n, n') Level
Legendre Coefficients

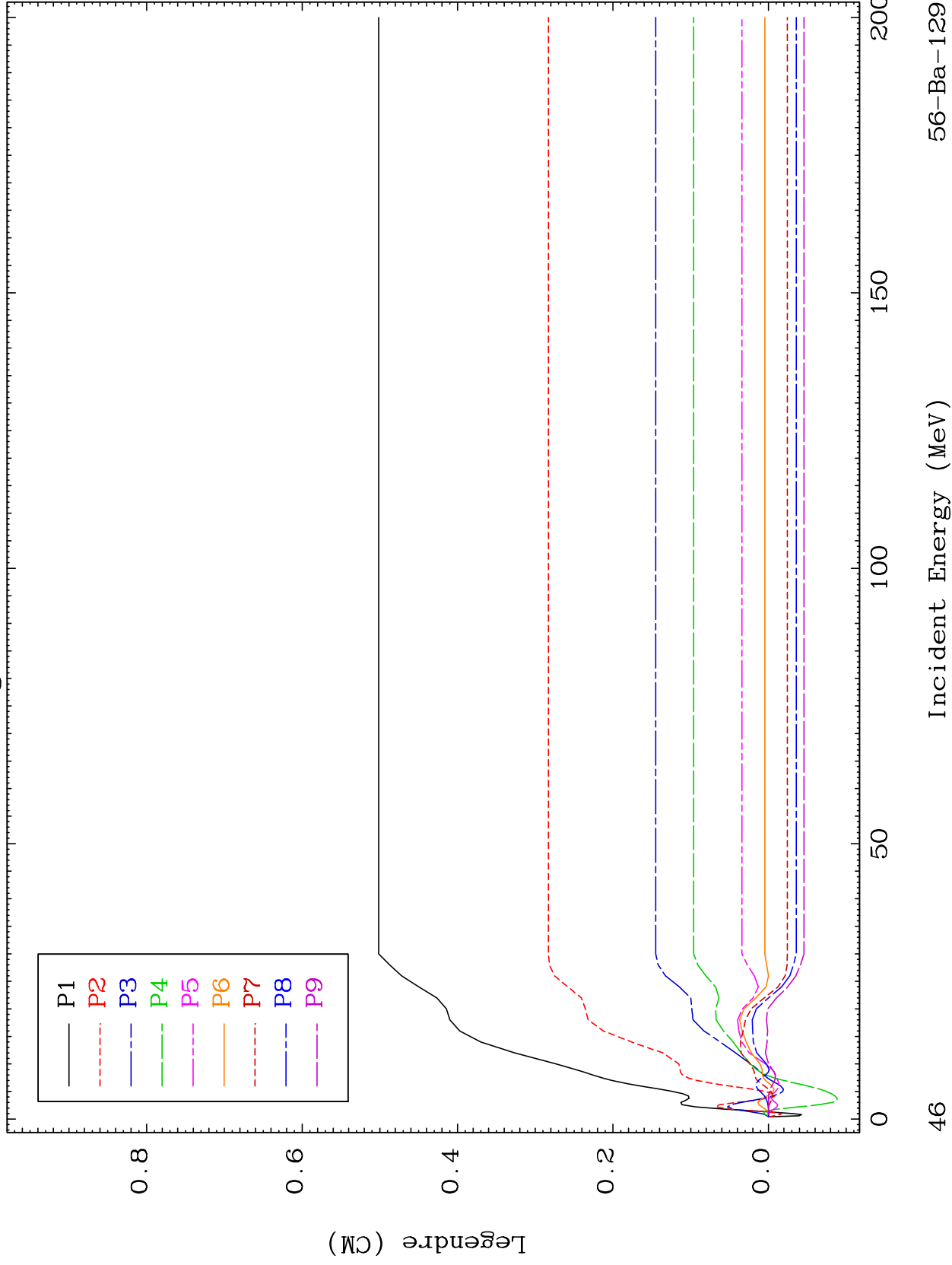
56-Ba-129



MAT 5622

387.7 keV (n,n') Level
Legendre Coefficients

56-Ba-129



56-Ba-129

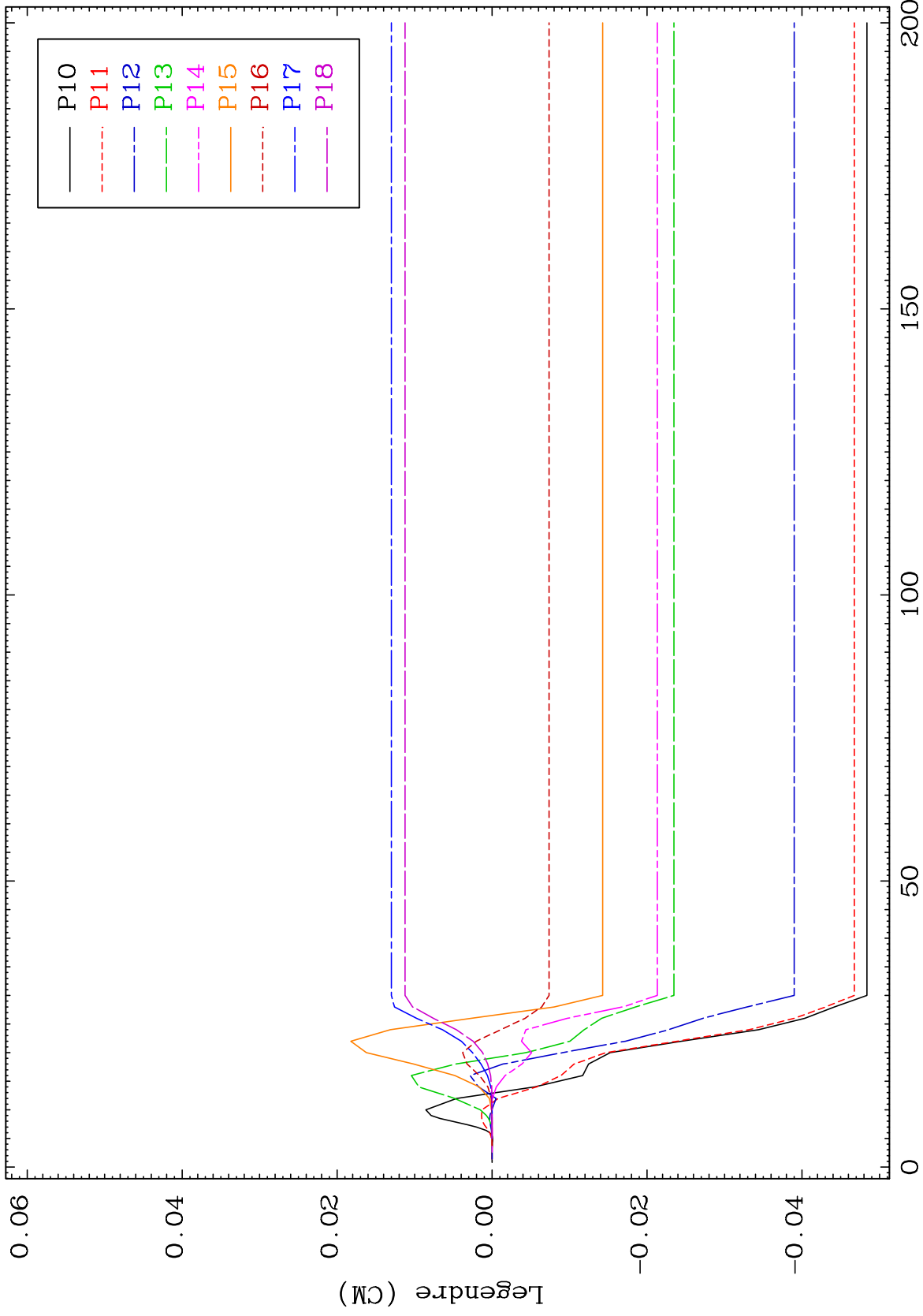
Incident Energy (MeV)

46

MAT 5622

387.7 keV (n,n') Level
Legendre Coefficients

56-Ba-129



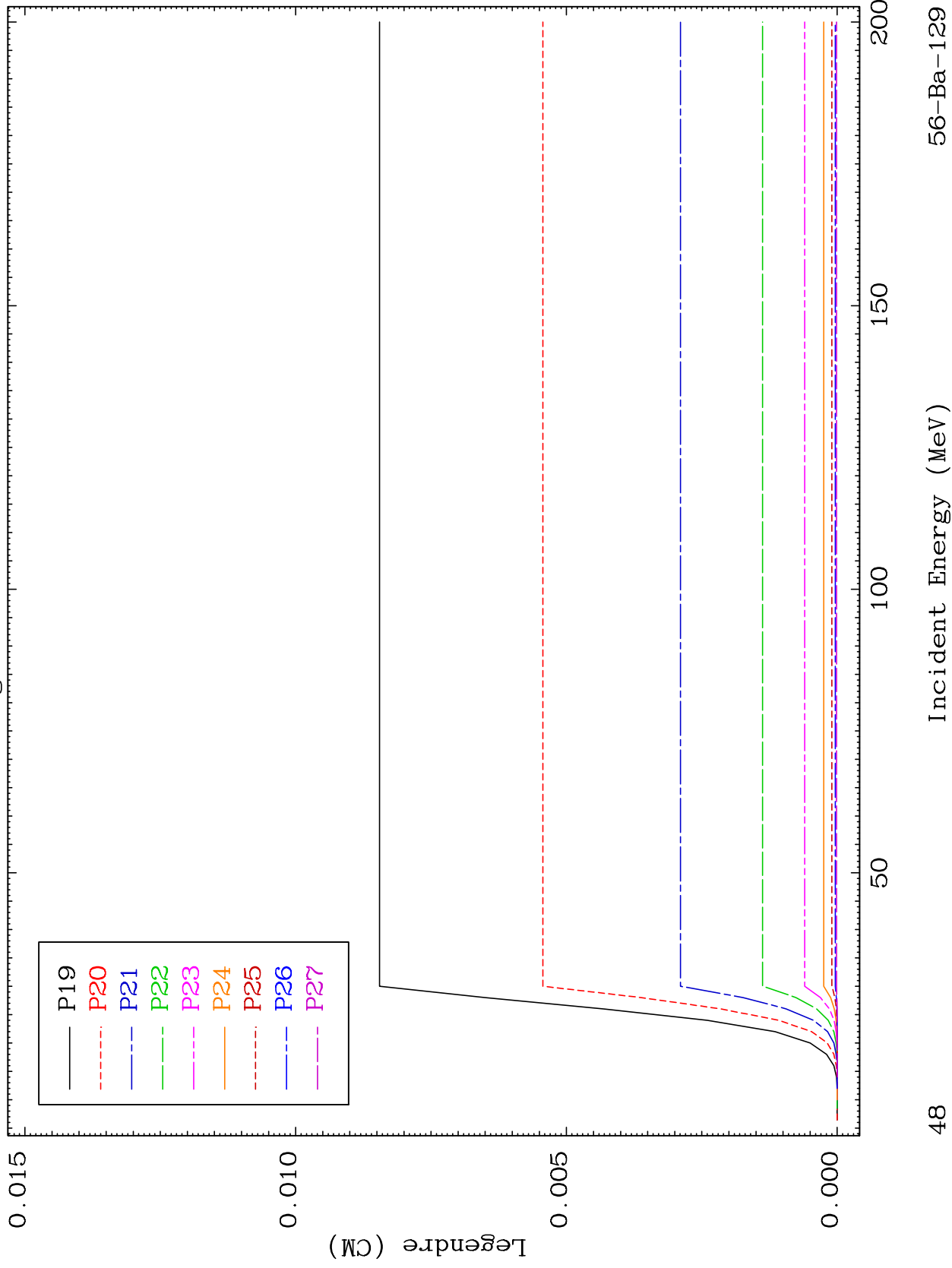
47

56-Ba-129

MAT 5622

387.7 keV (n,n') Level
Legendre Coefficients

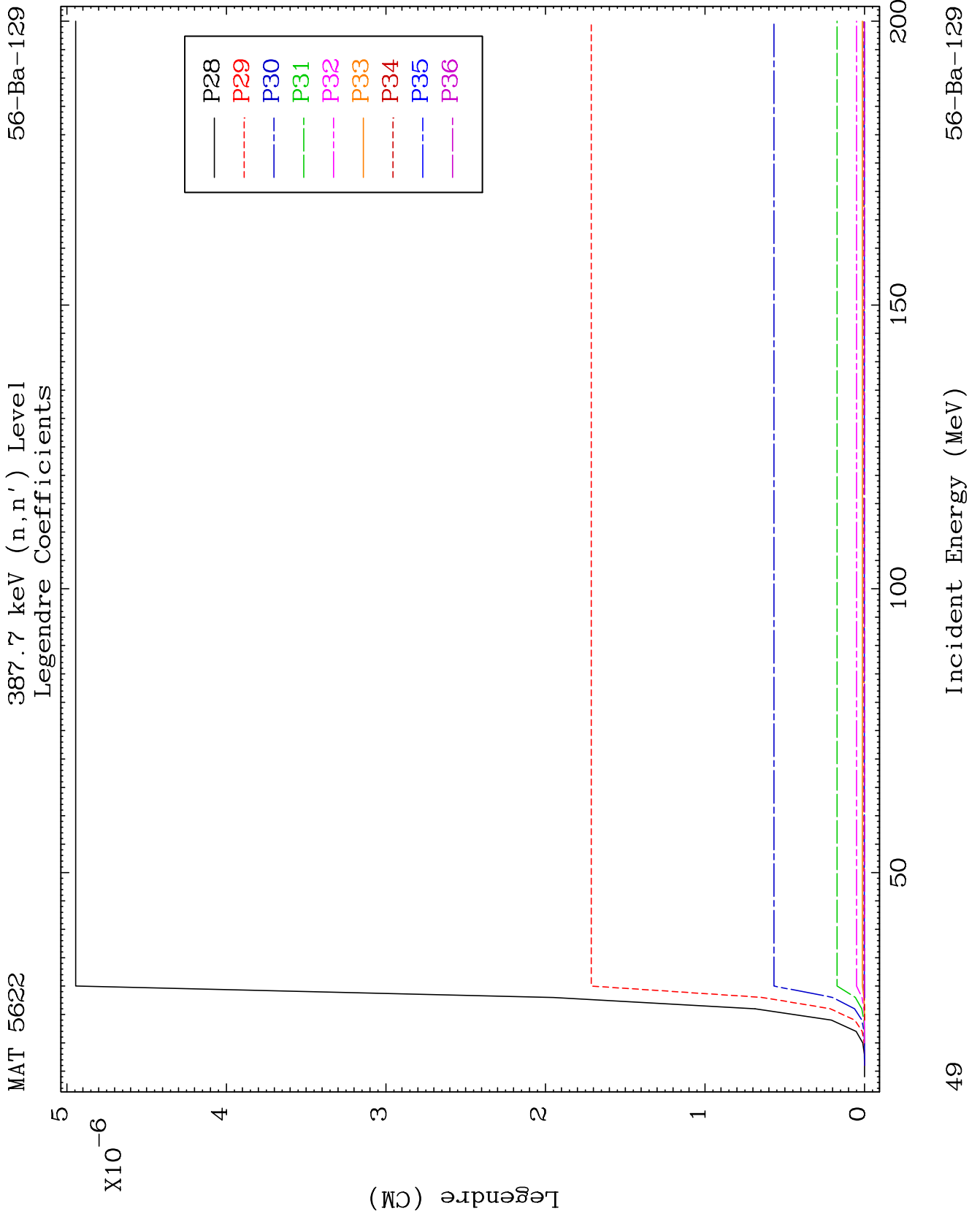
56-Ba-129

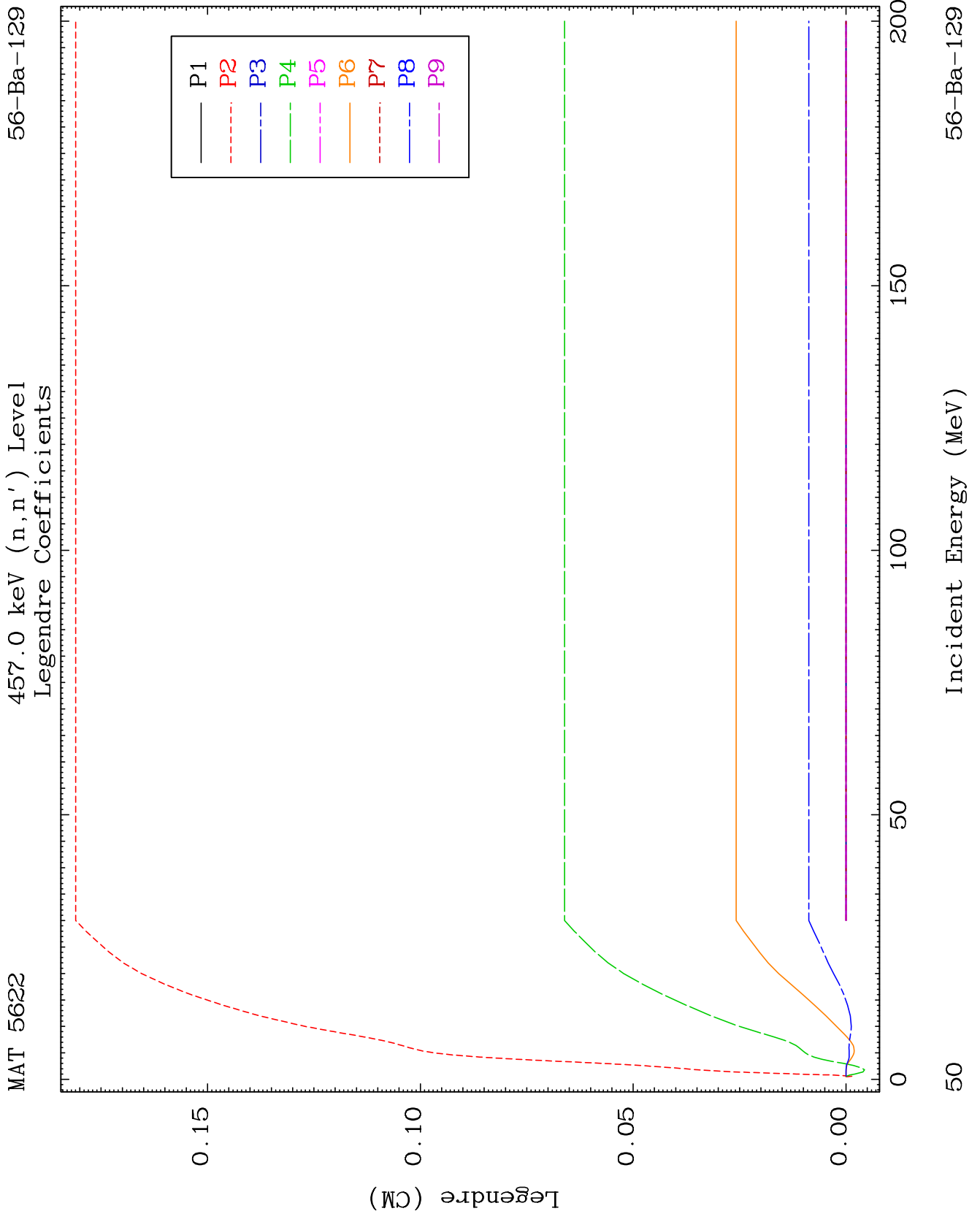


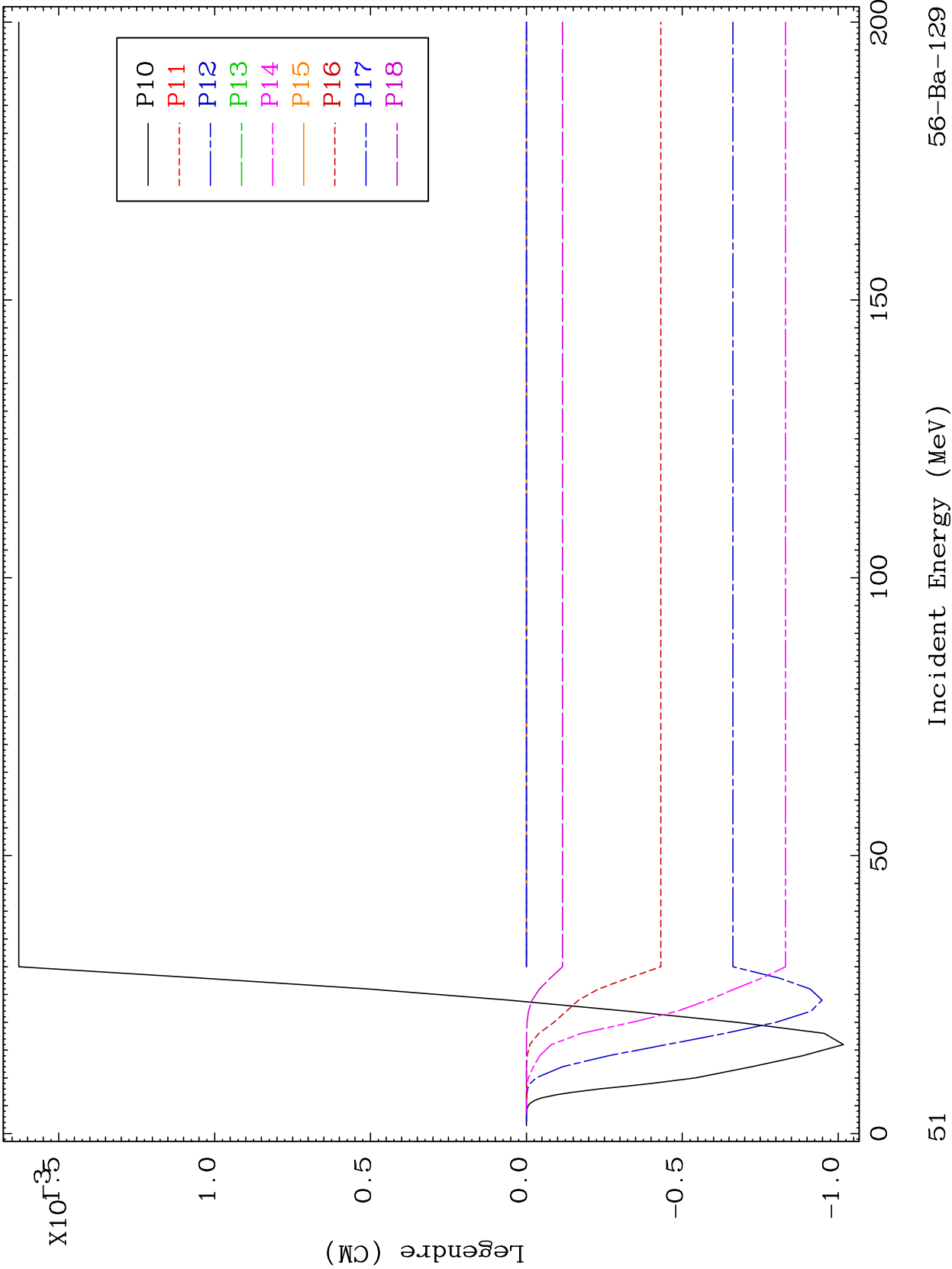
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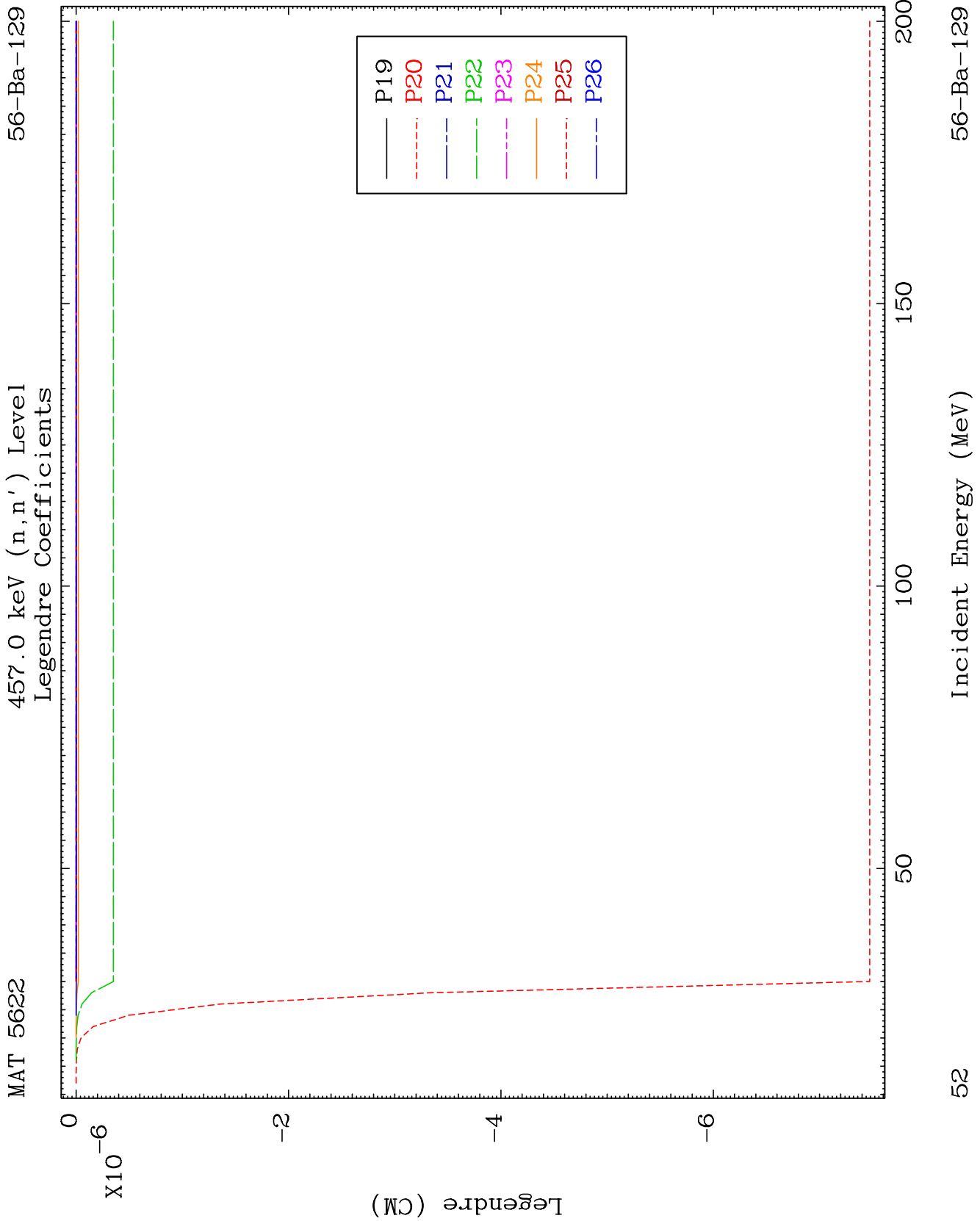
Incident Energy (MeV)

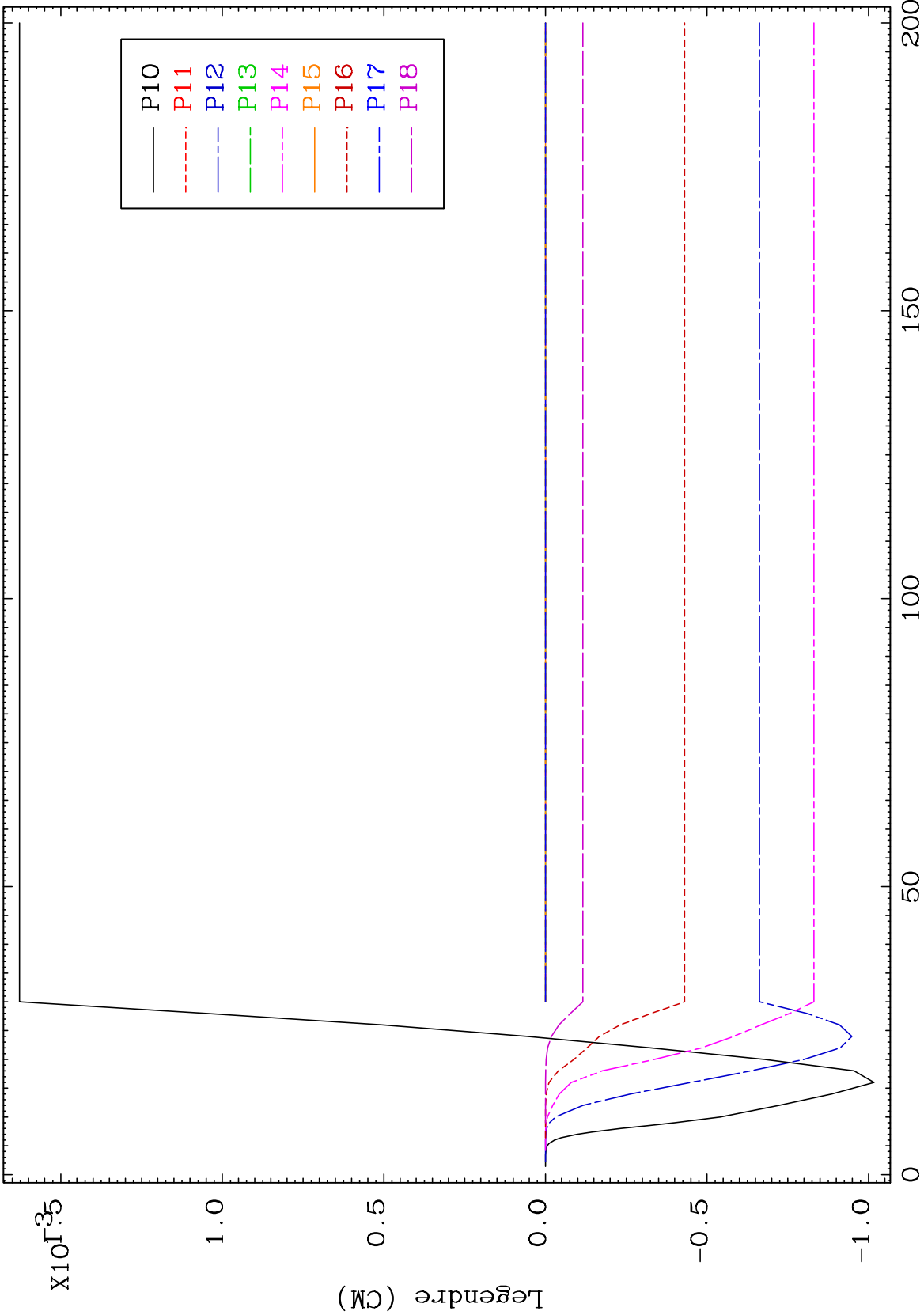
56-Ba-129

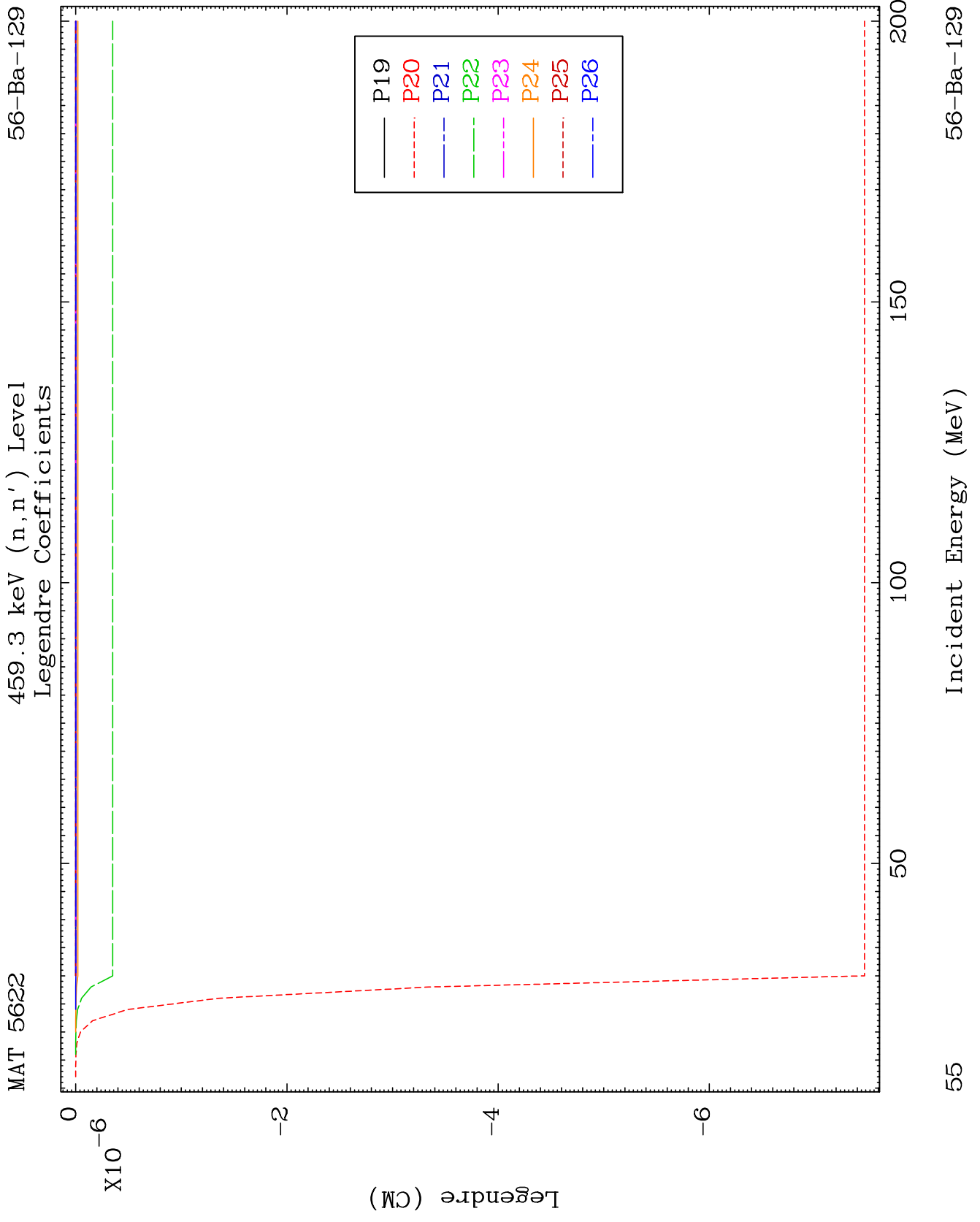








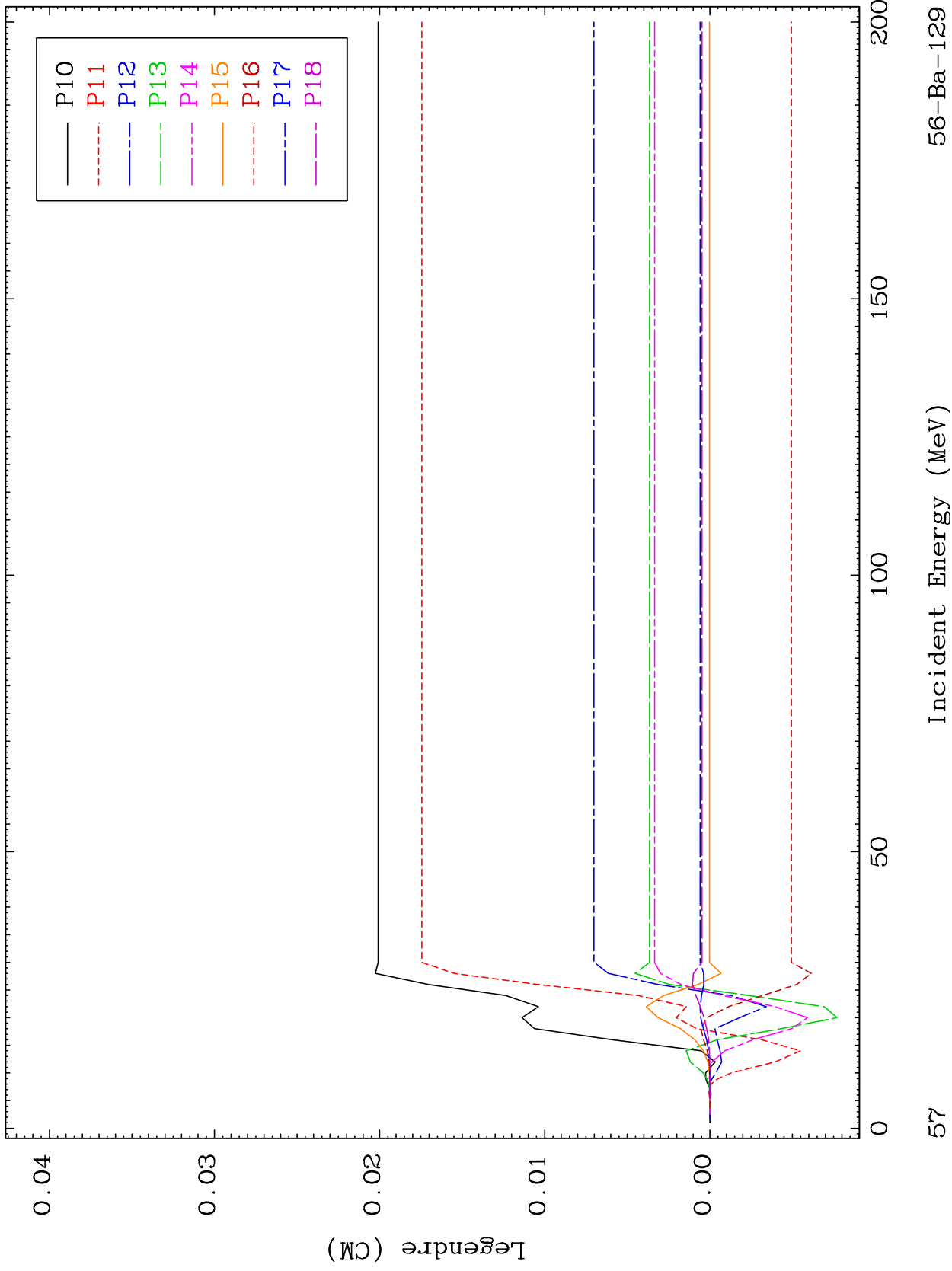




MAT 5622

467.3 keV (n,n') Level
Legendre Coefficients

56-Ba-129



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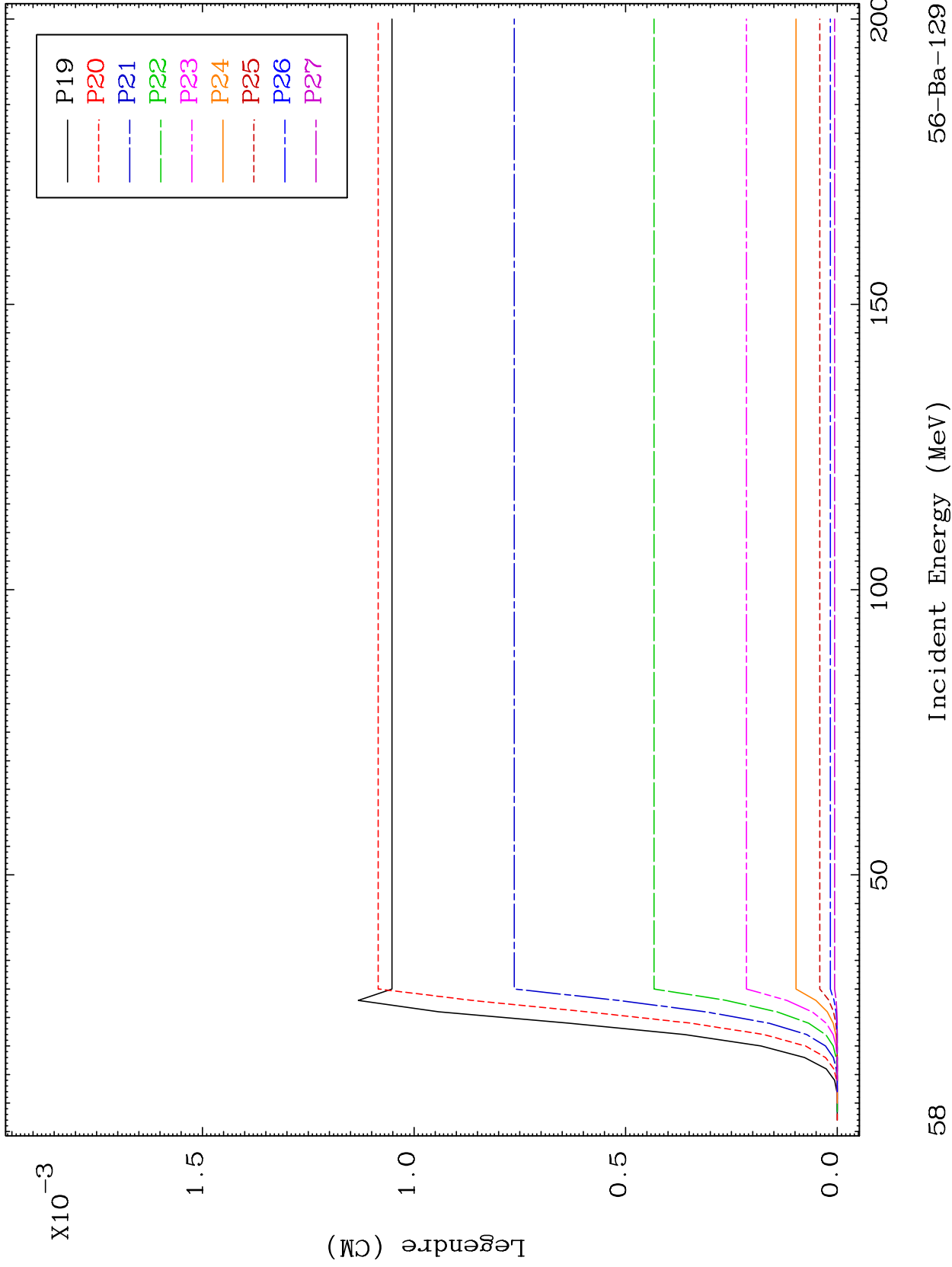
Incident Energy (MeV)

56-Ba-129

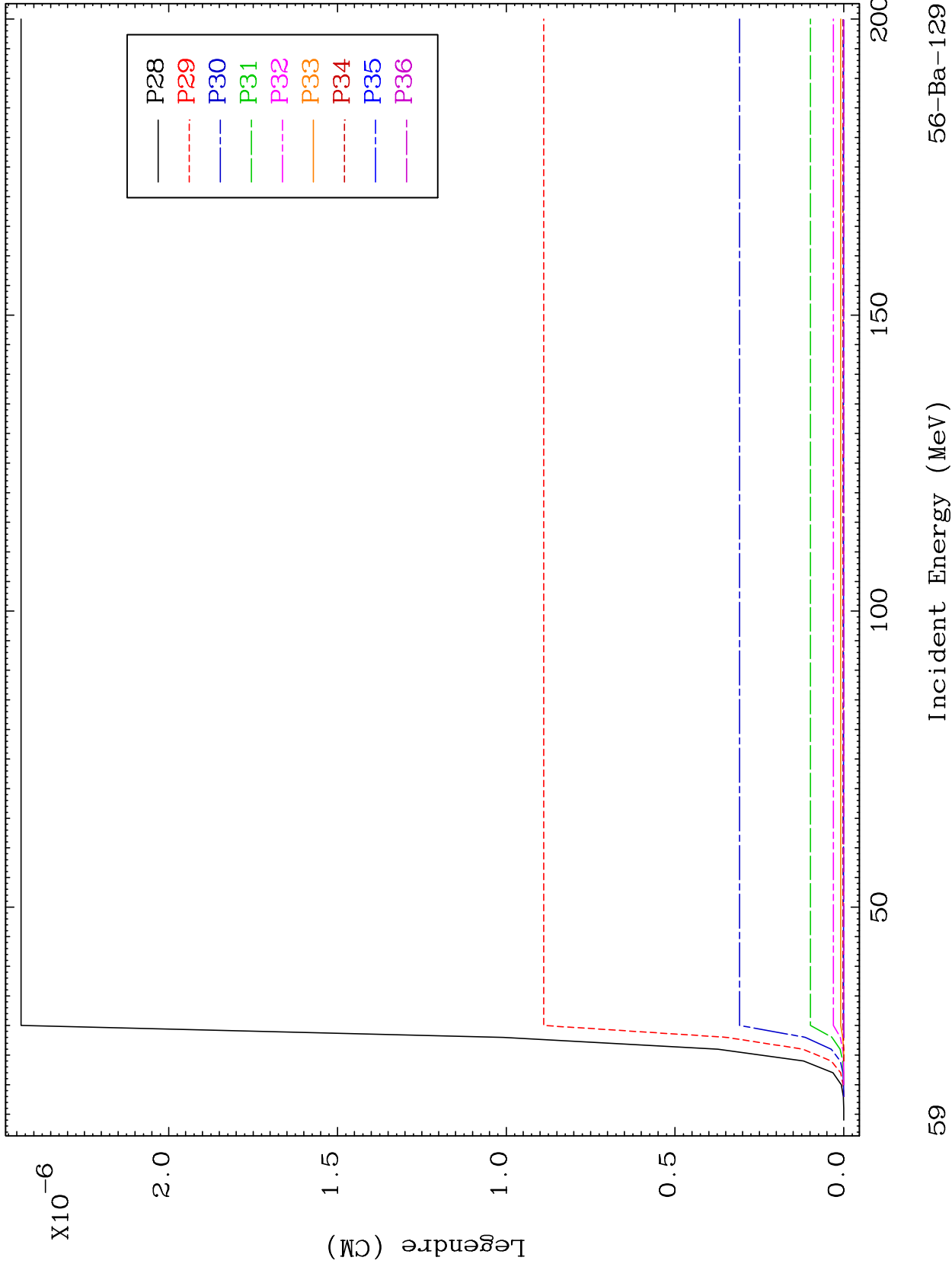
MAT 5622

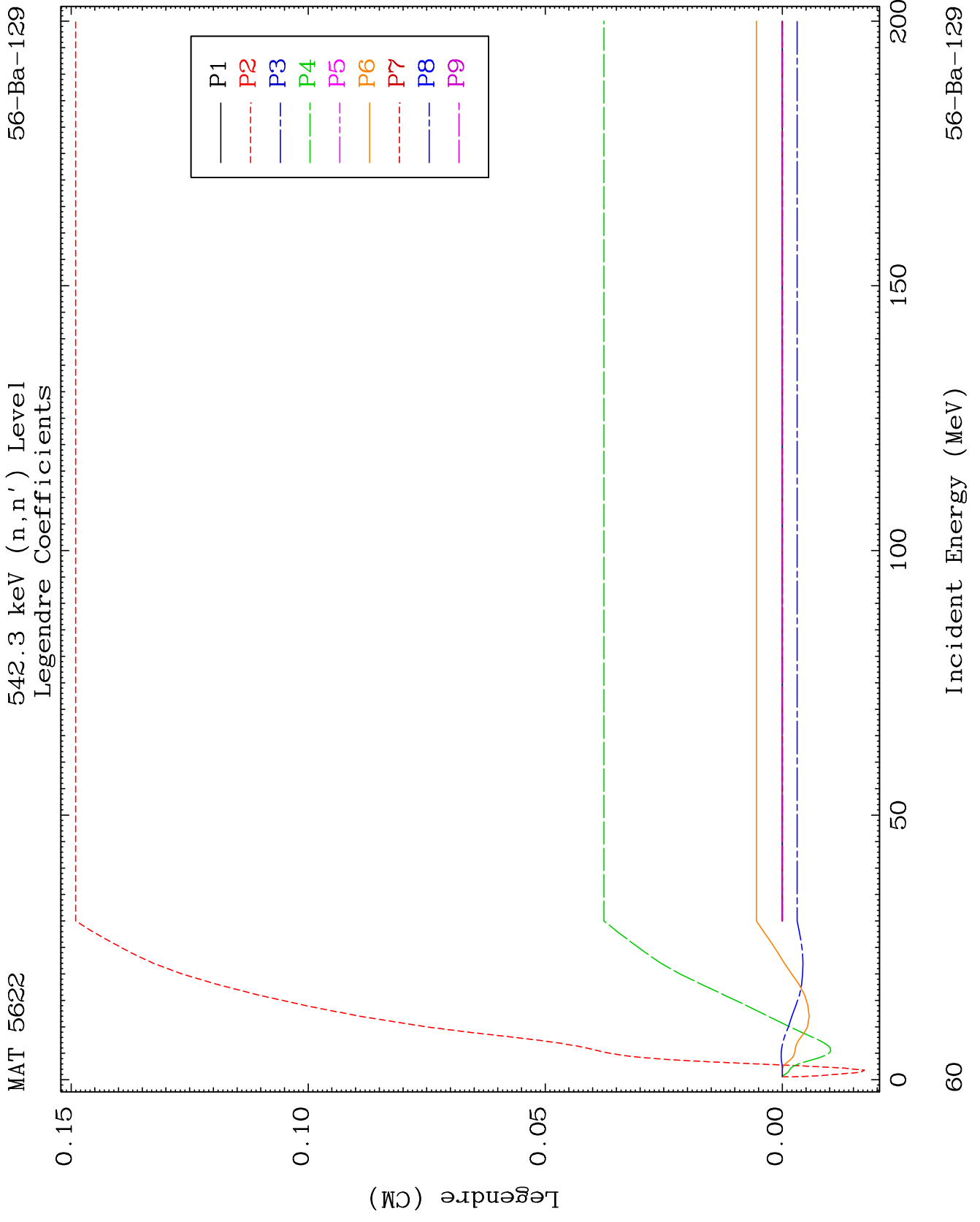
467.3 keV (n,n') Level
Legendre Coefficients

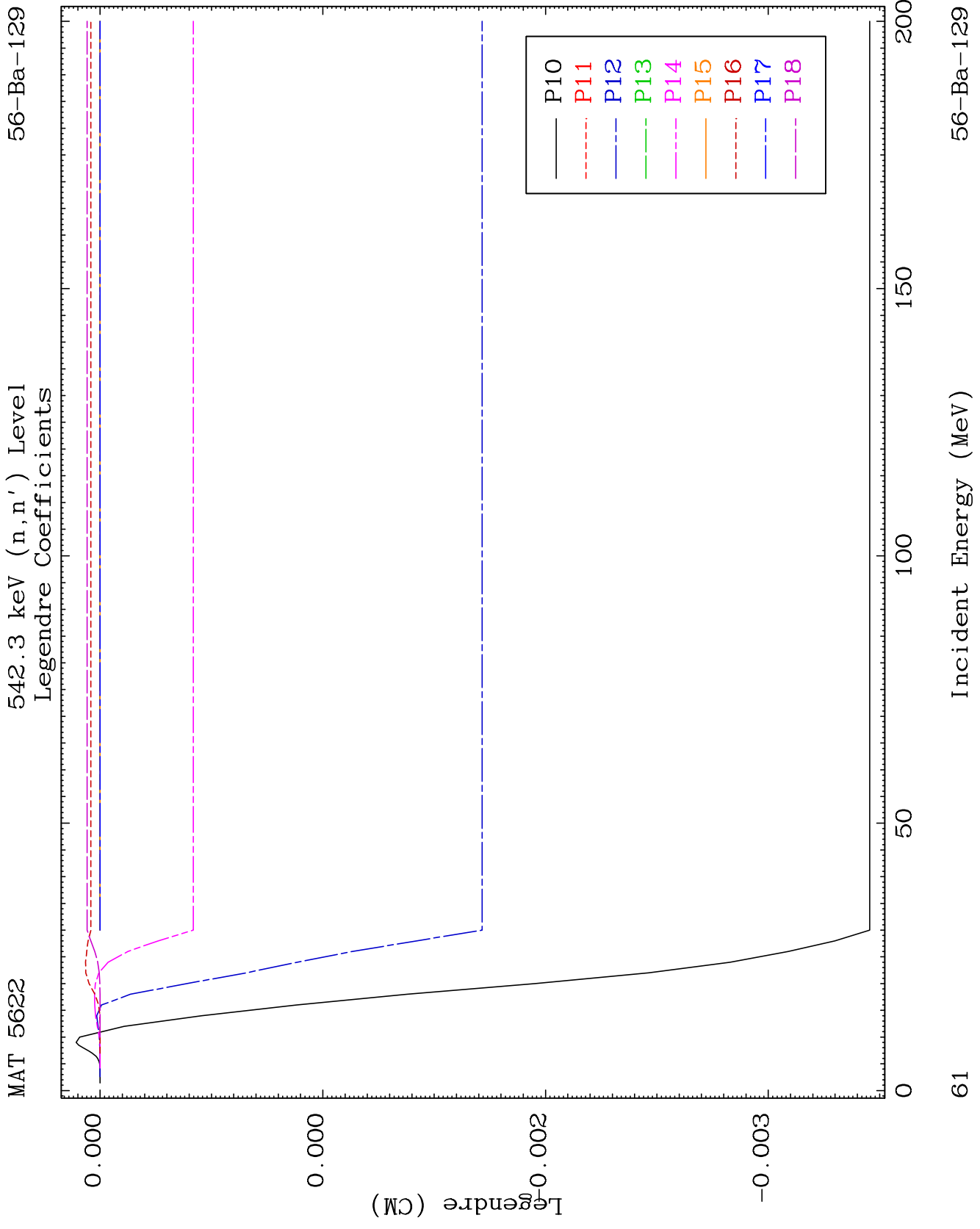
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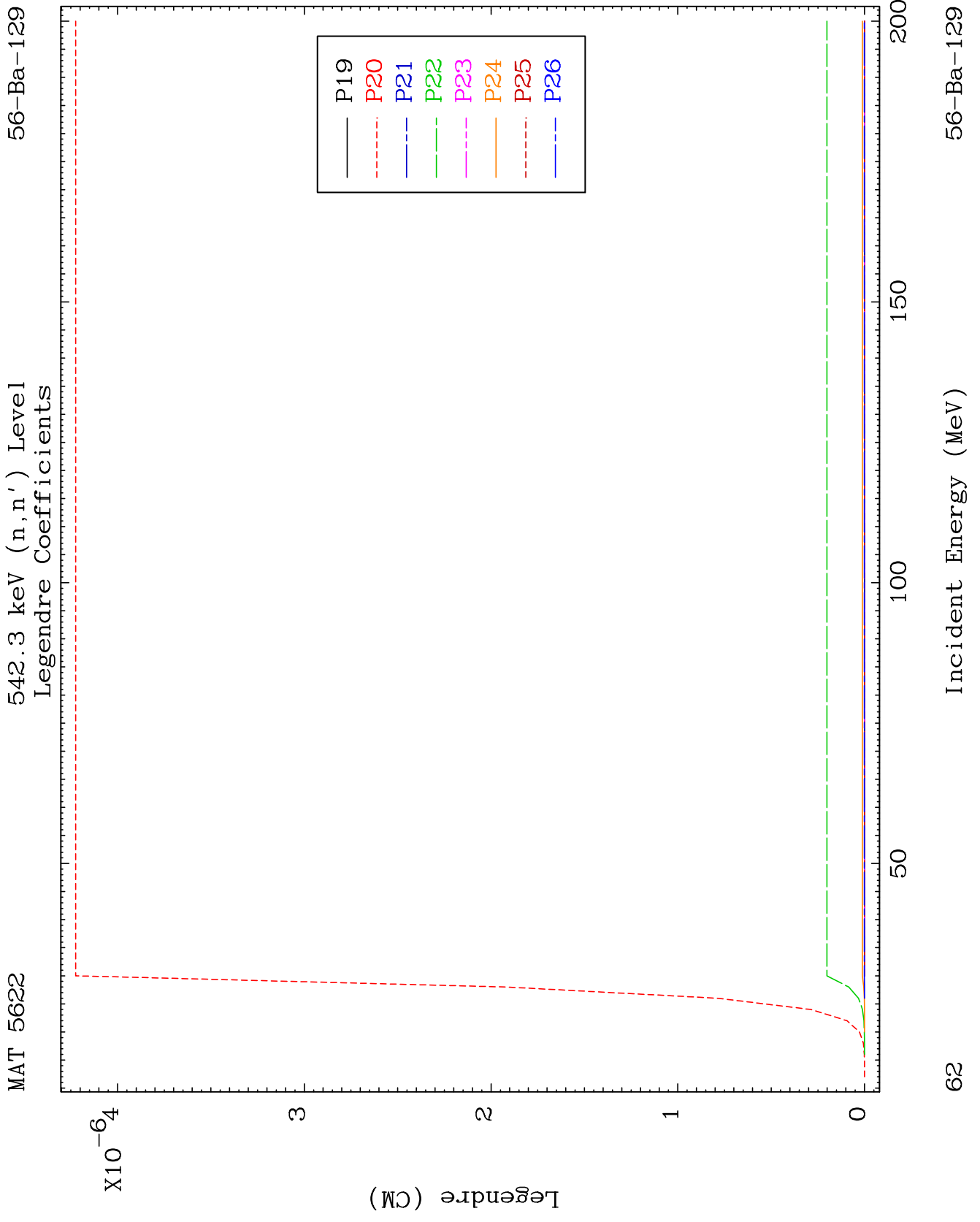


58





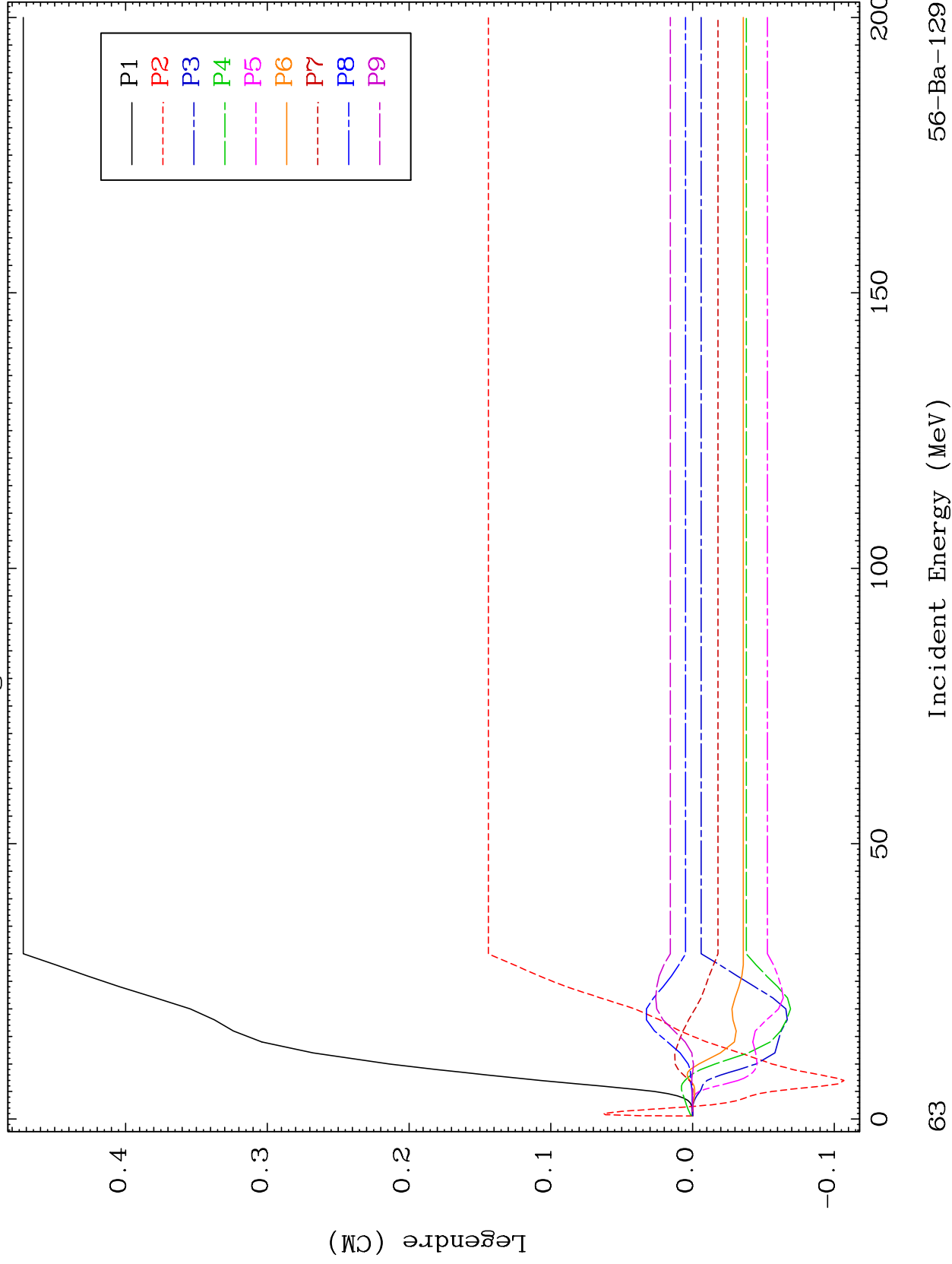




MAT 5622

544.7 keV (n,n') Level
Legendre Coefficients

56-Ba-129



56-Ba-129

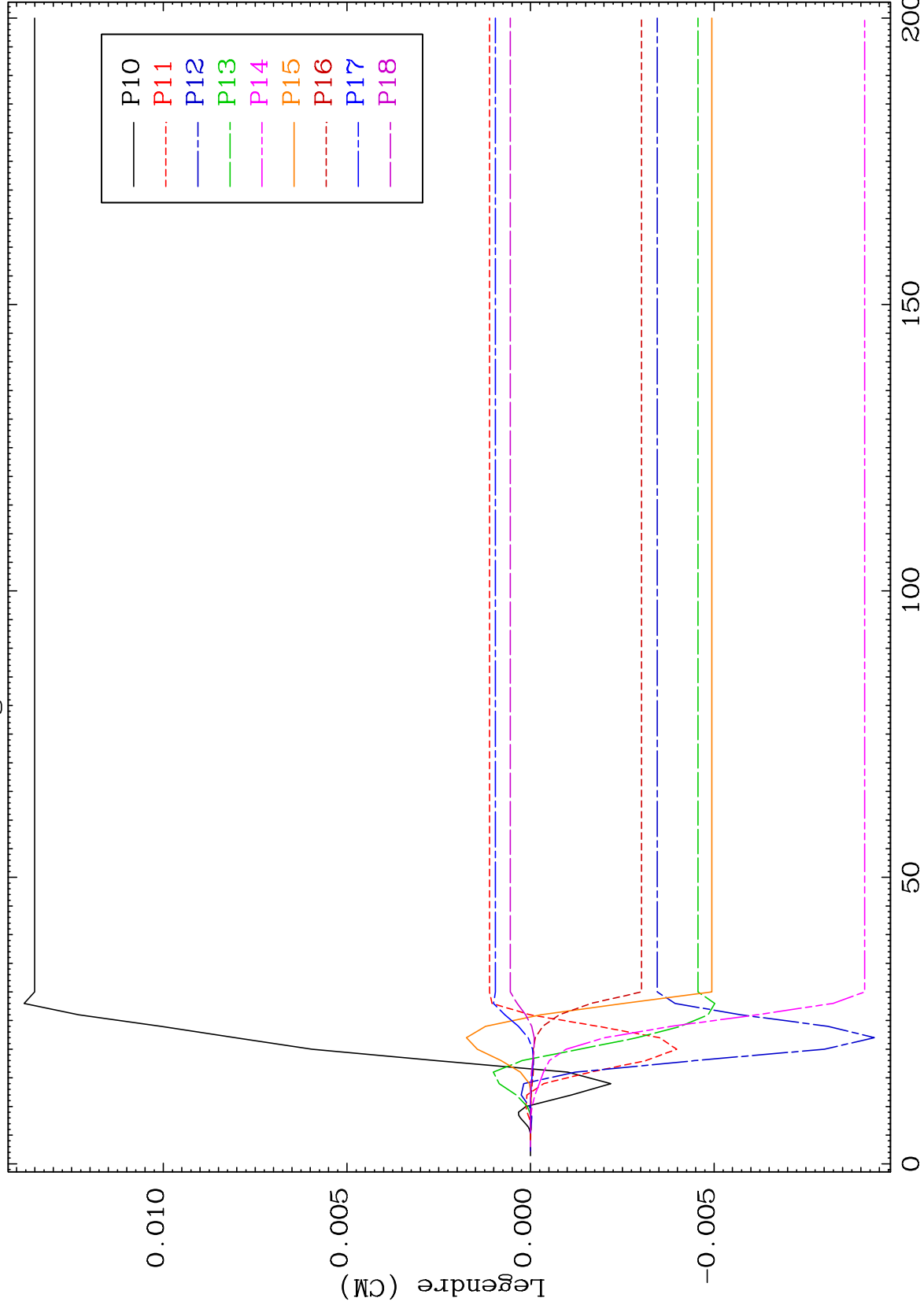
Incident Energy (MeV)

63

MAT 5622

544.7 keV (n,n') Level
Legendre Coefficients

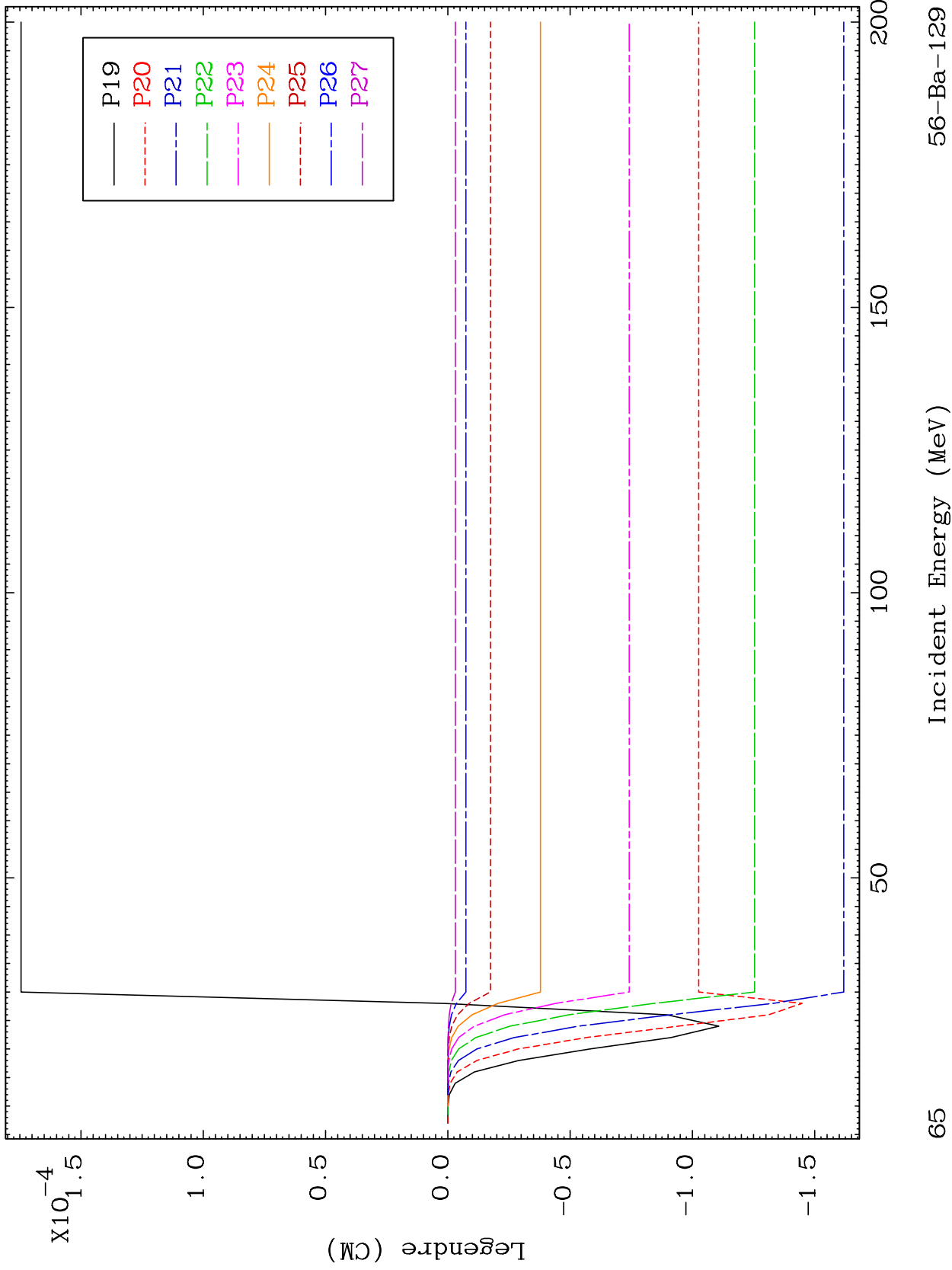
56-Ba-129

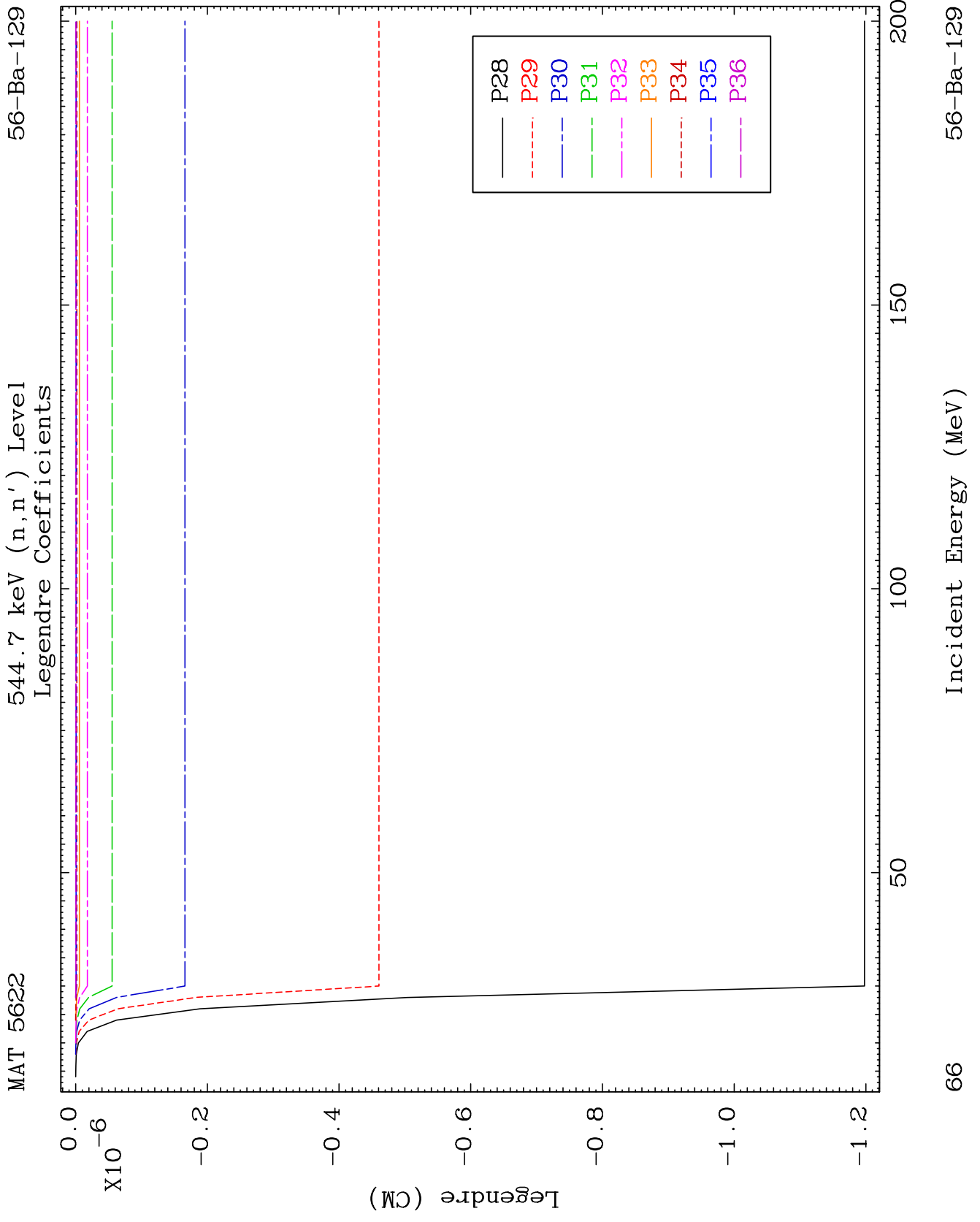


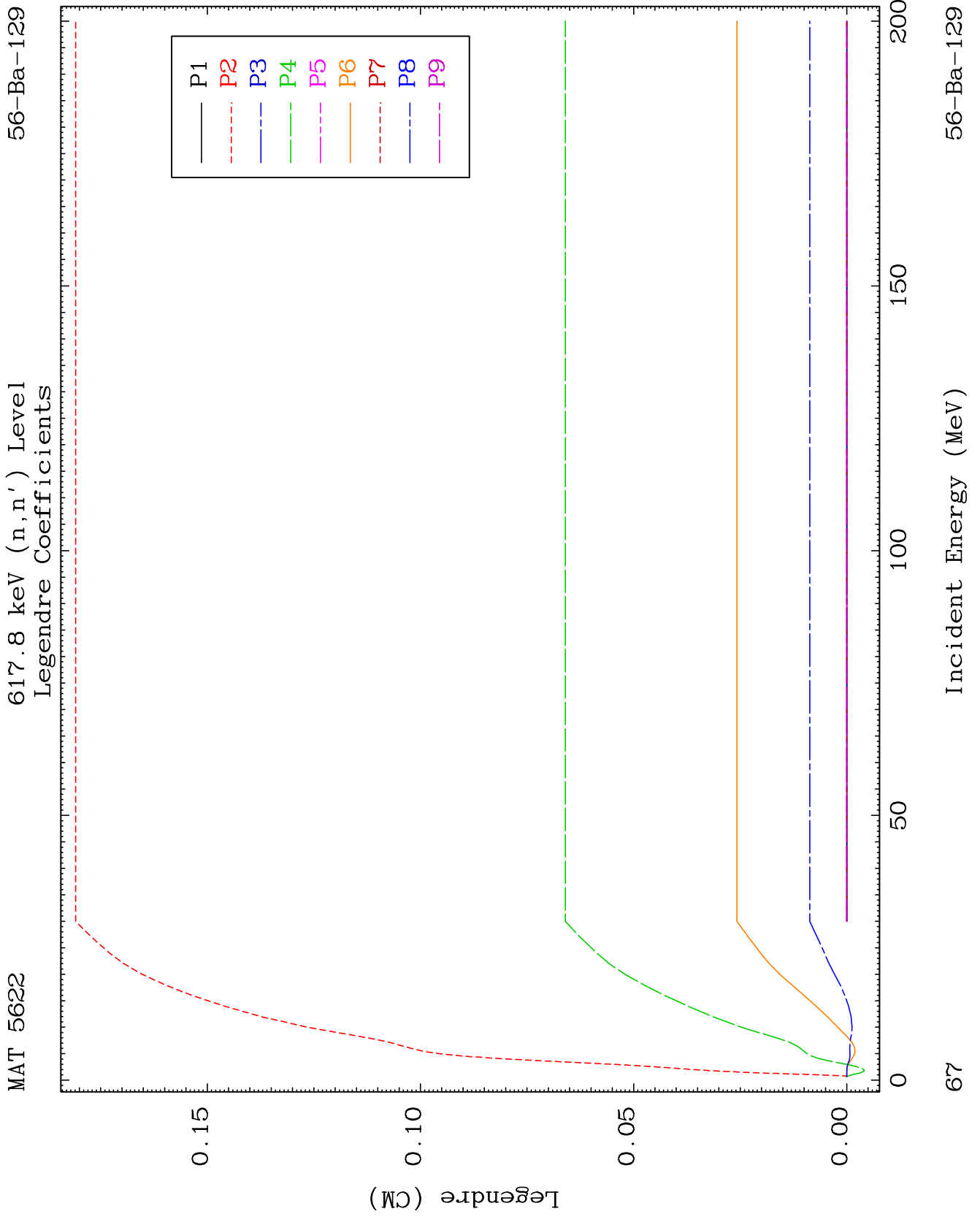
64

Incident Energy (MeV)

56-Ba-129



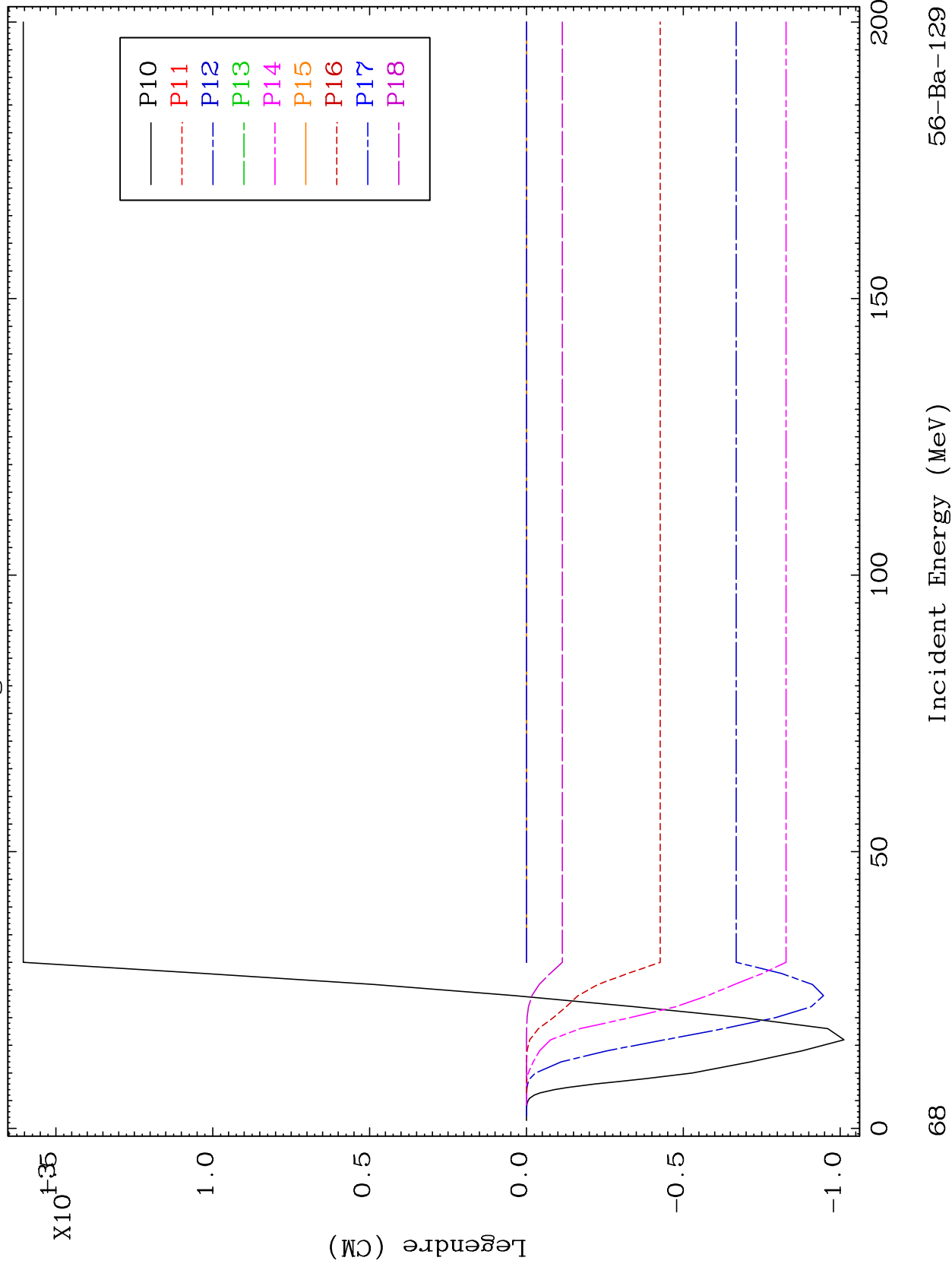




MAT 5622

617.8 keV (n,n') Level
Legendre Coefficients

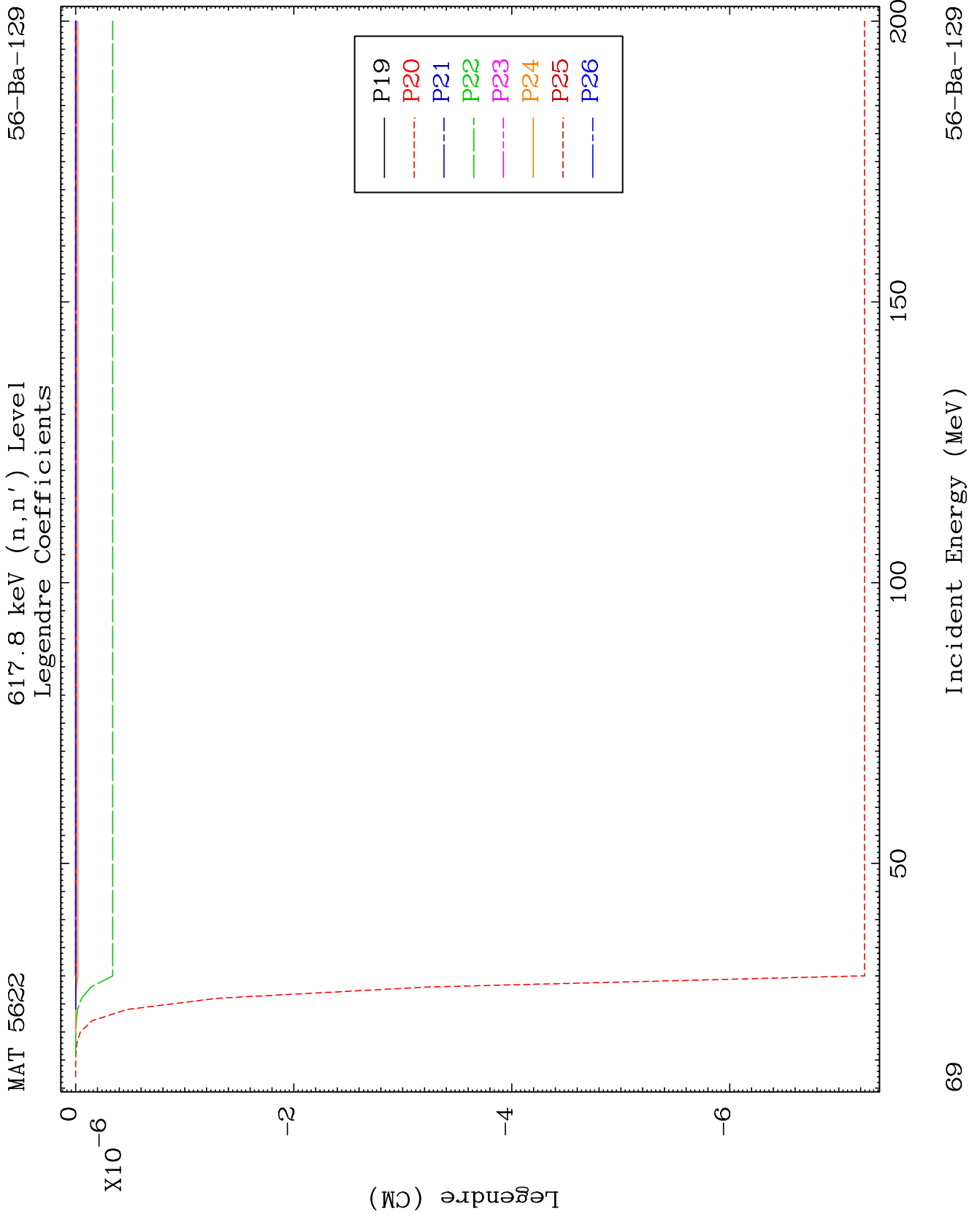
56-Ba-129

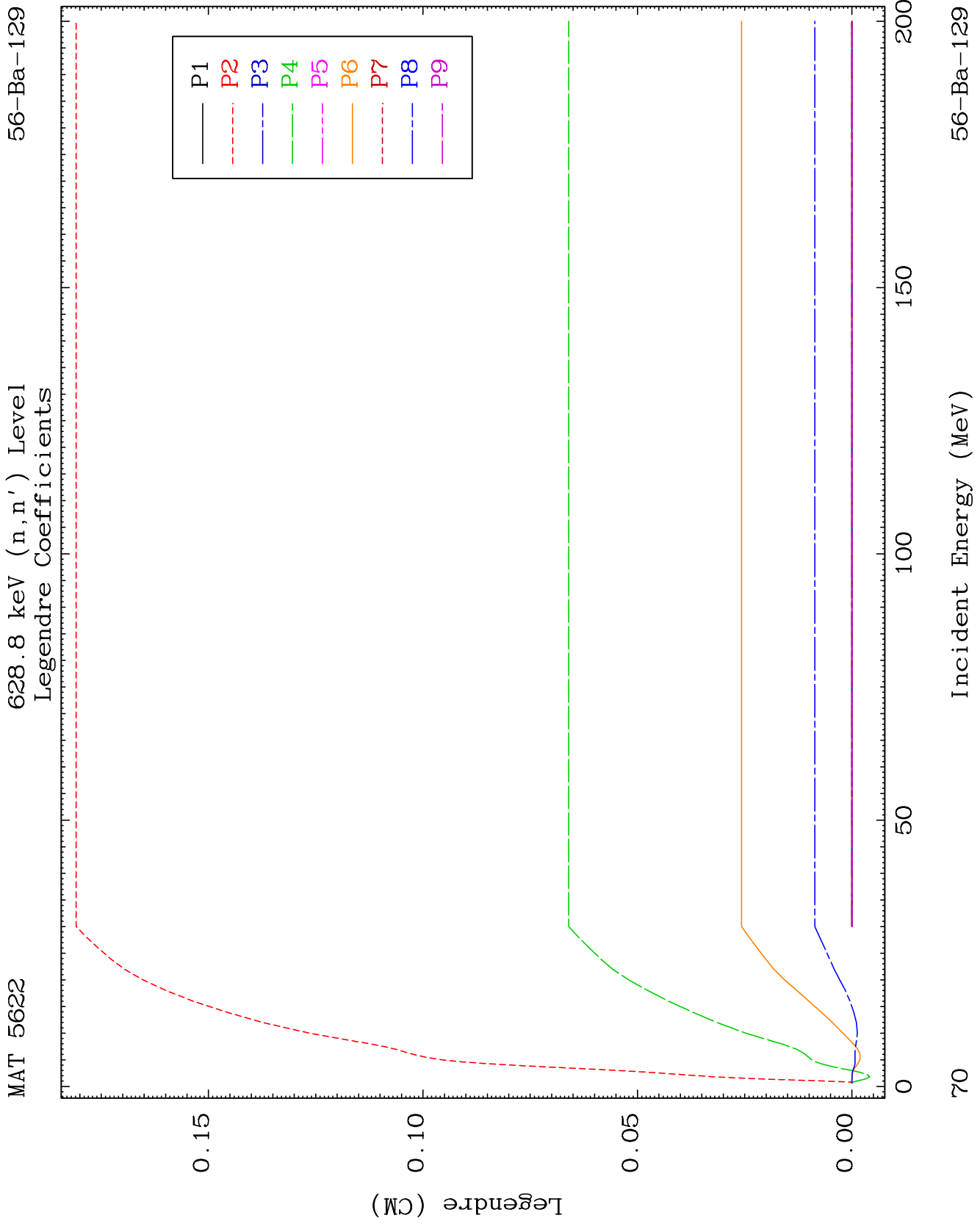


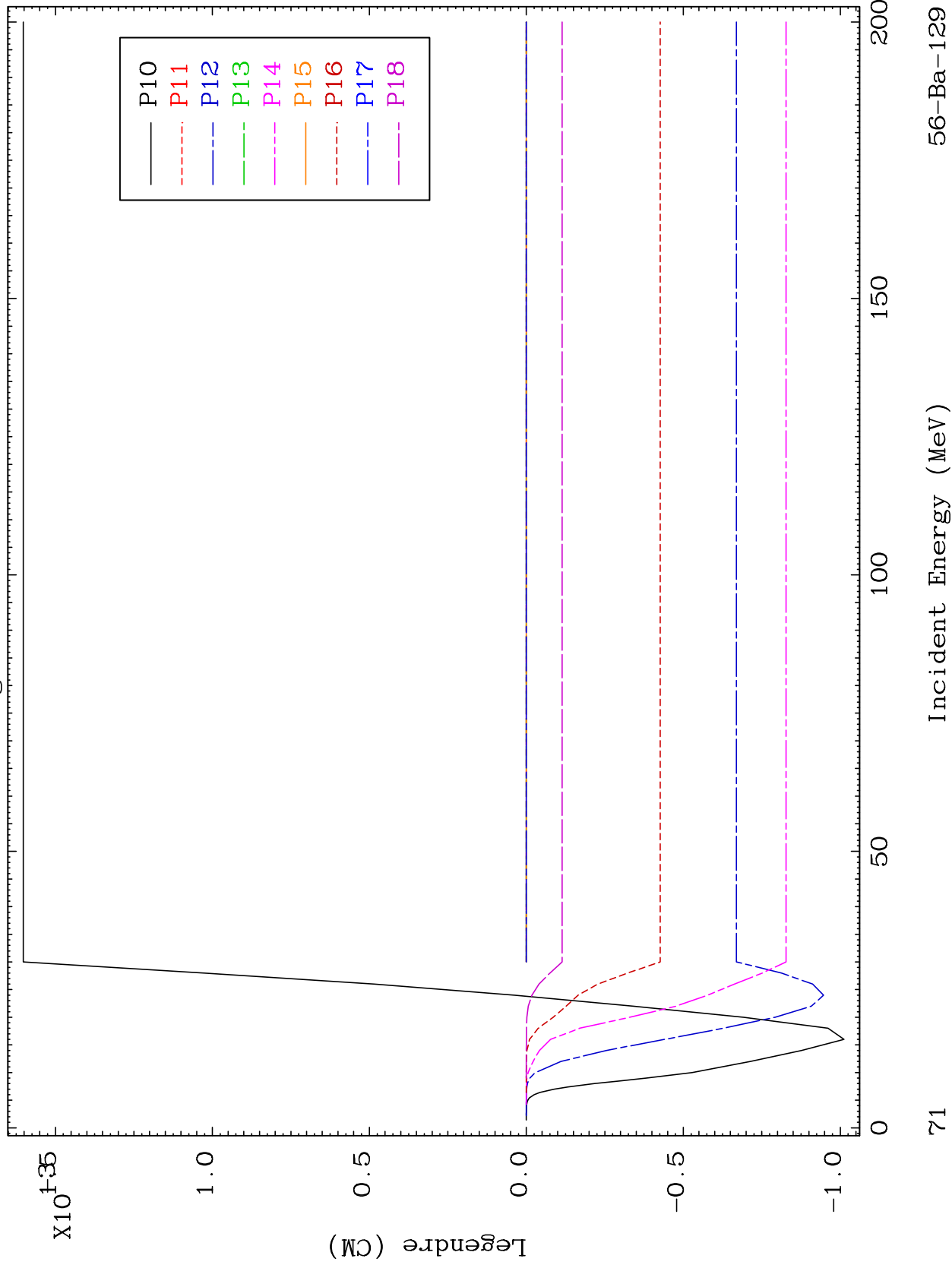
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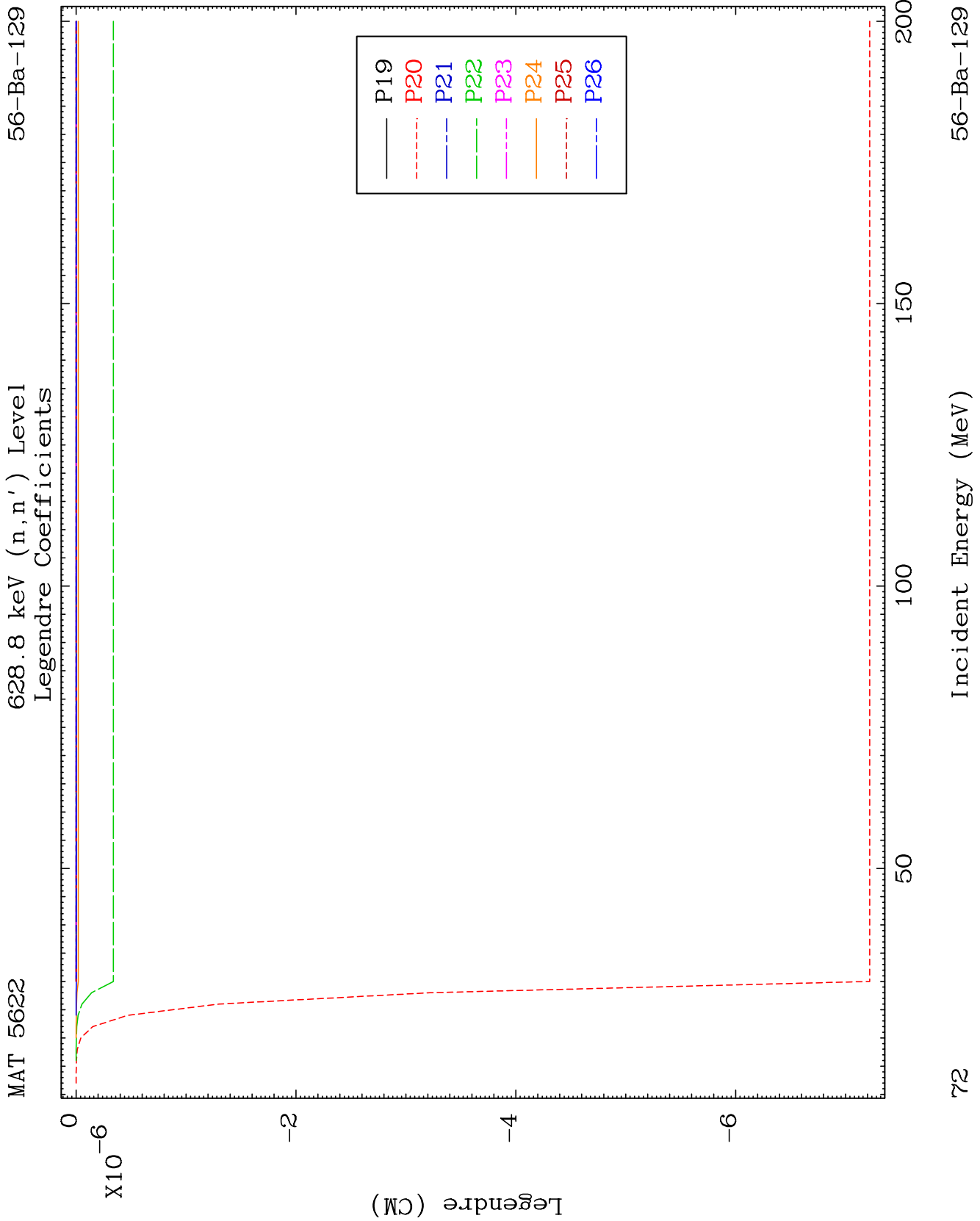
Incident Energy (MeV)

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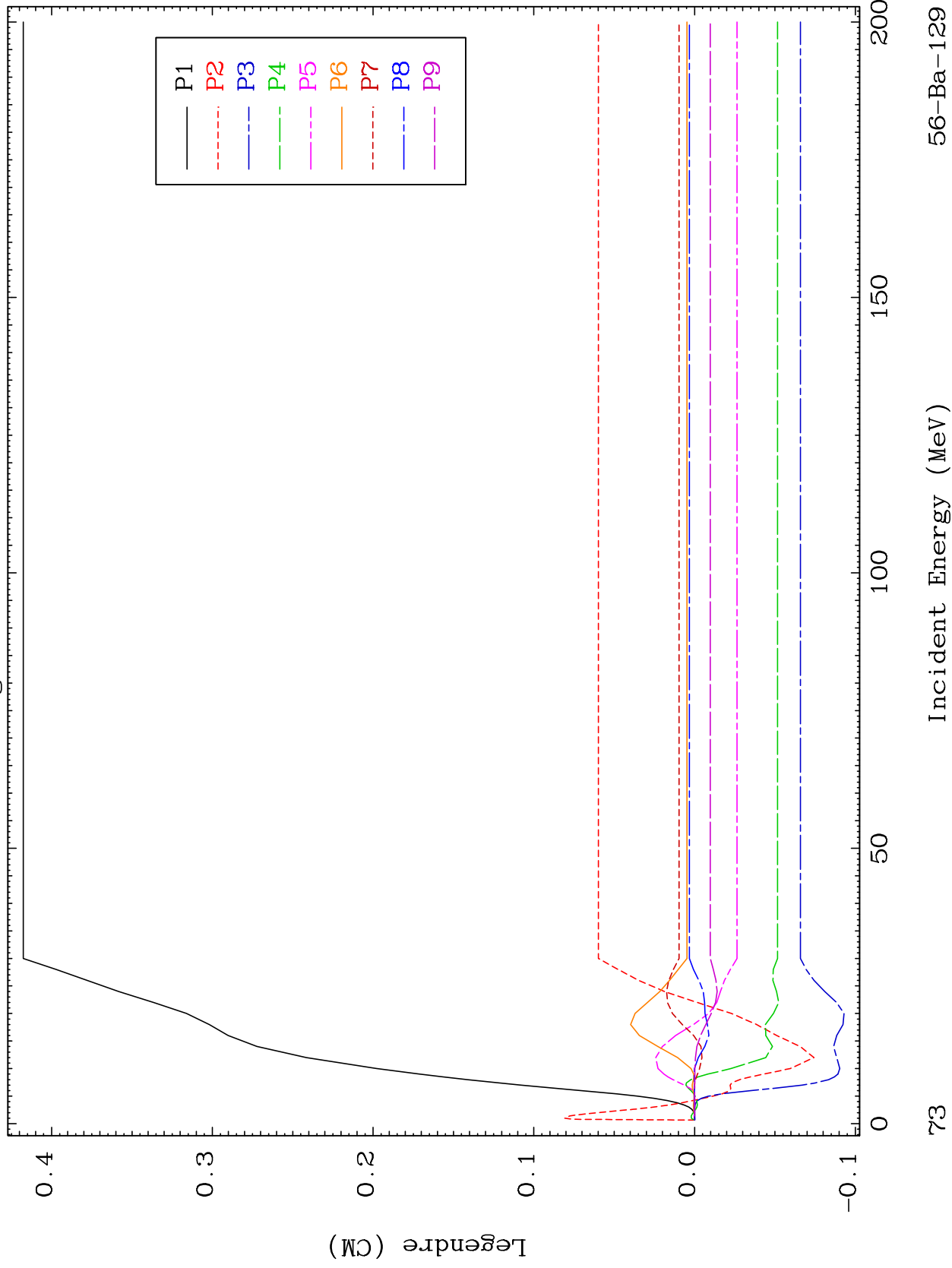




MAT 5622

643.6 keV (n,n') Level
Legendre Coefficients

56-Ba-129



56-Ba-129

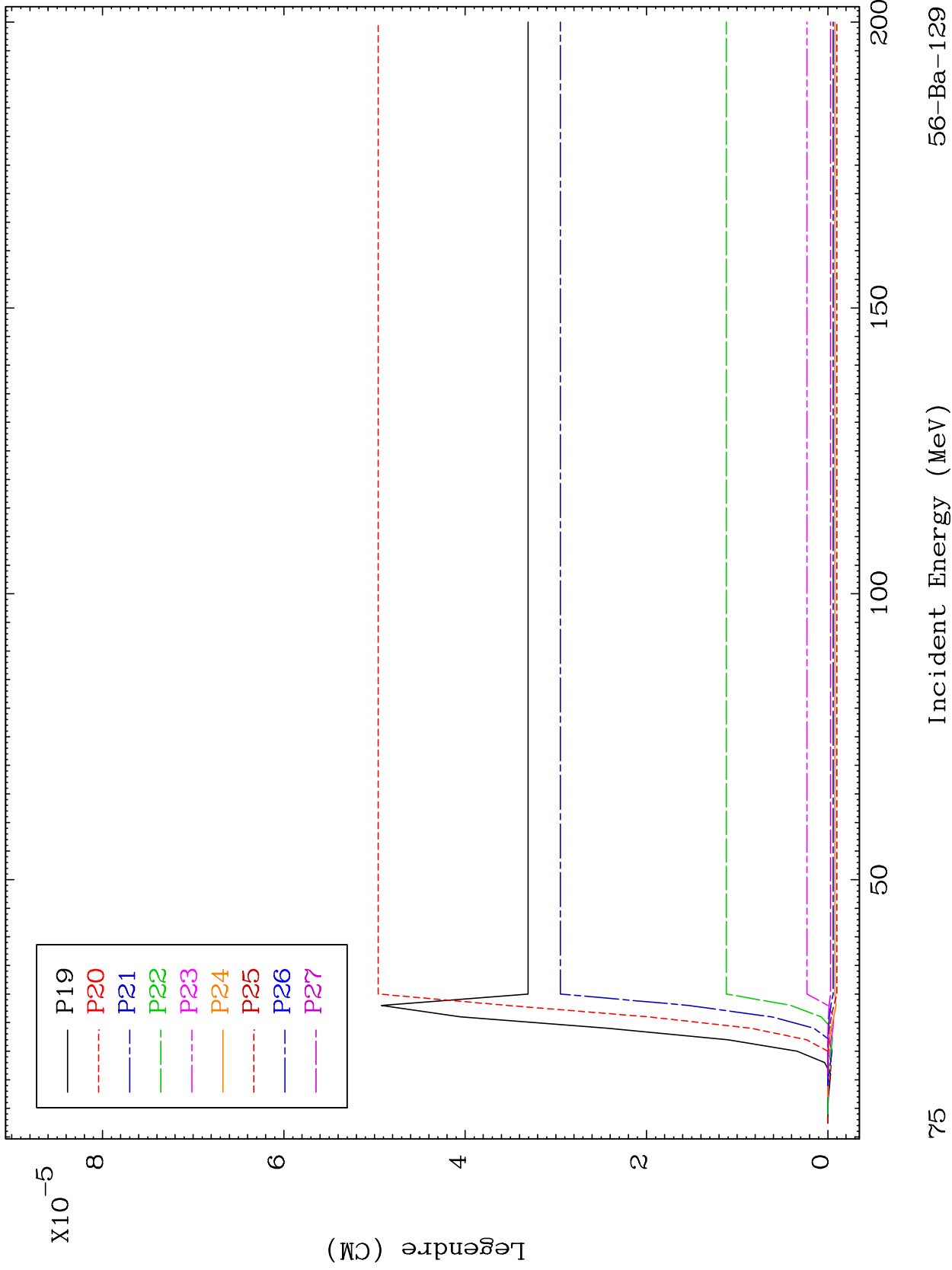
Incident Energy (MeV)

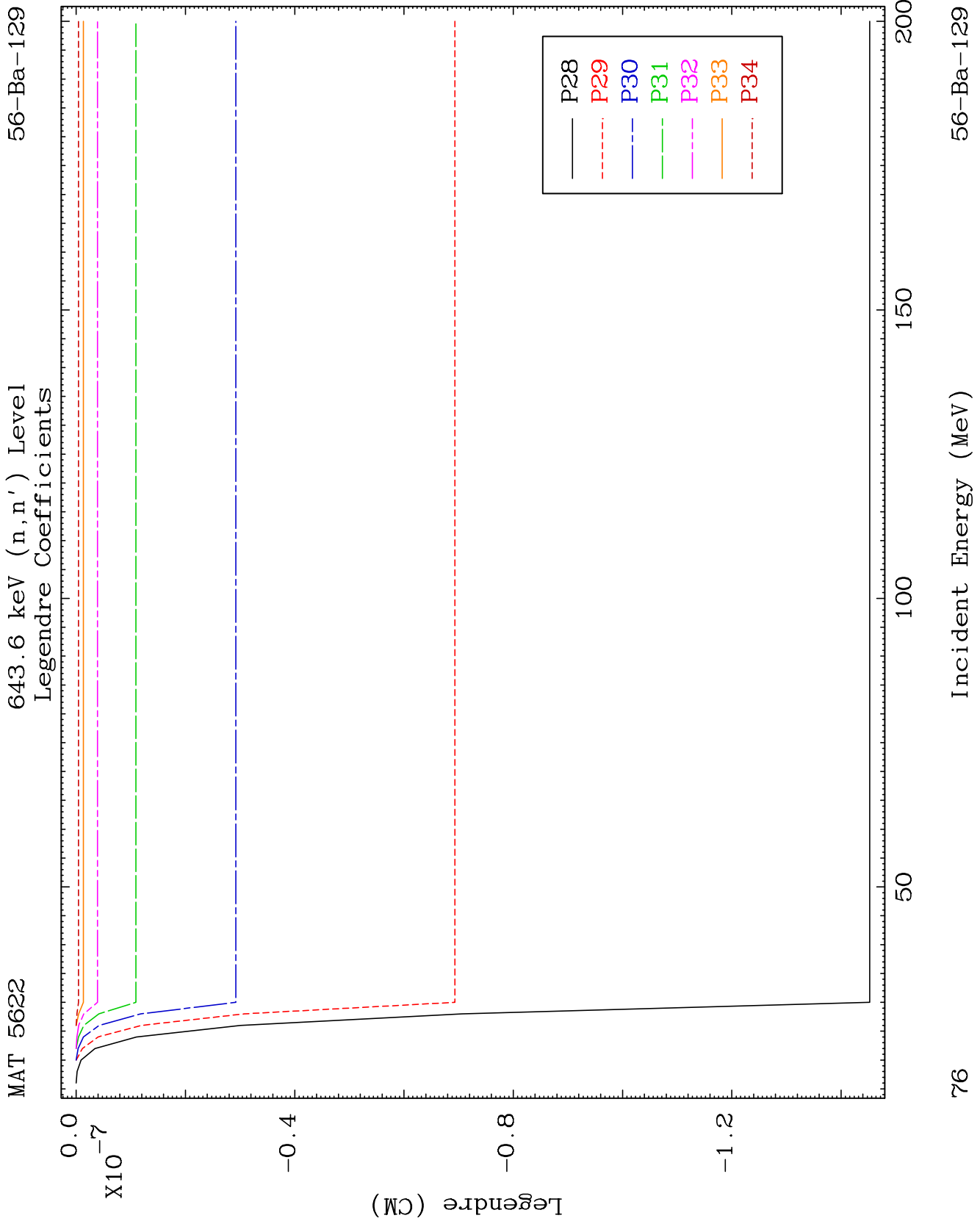
73

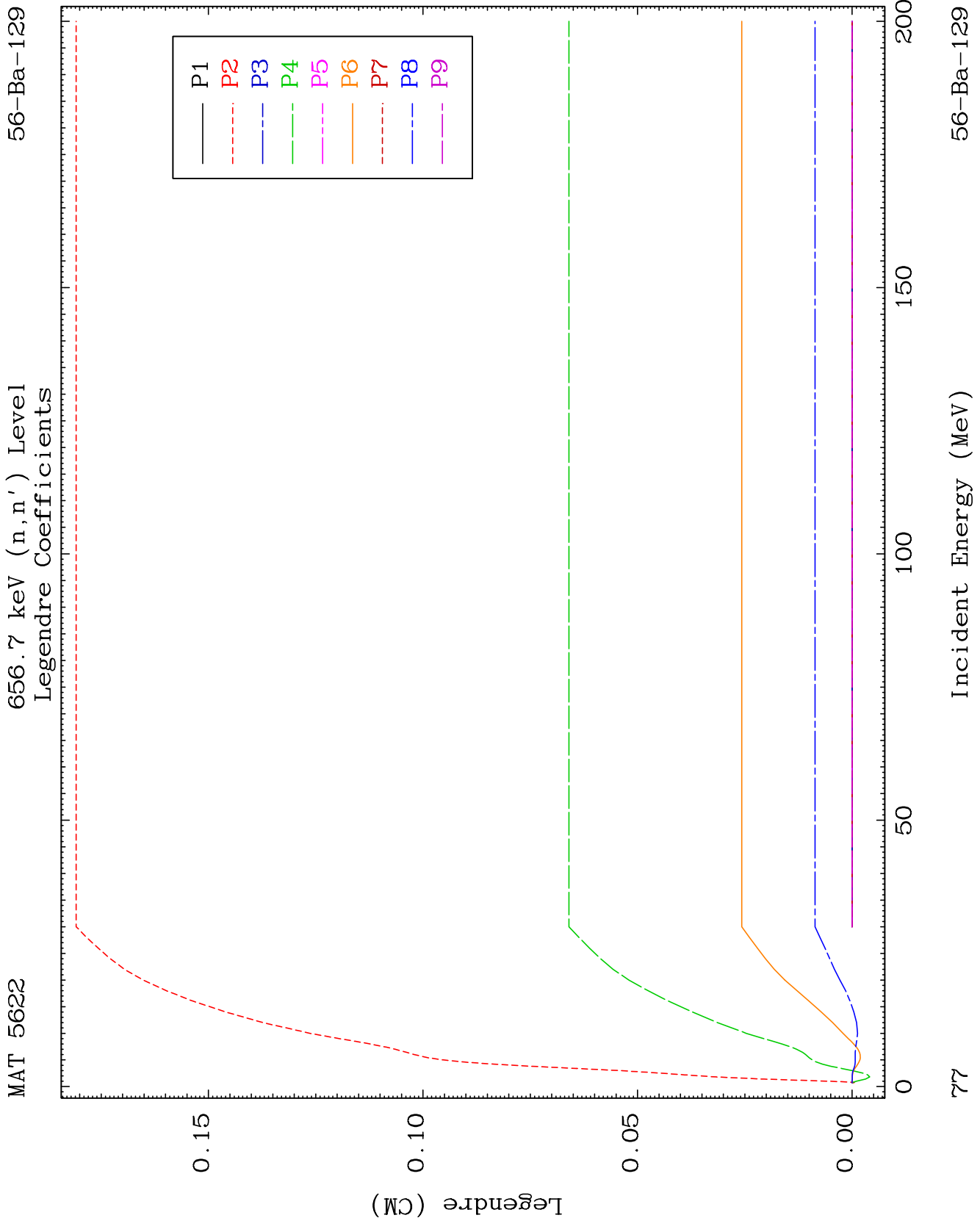
MAT 5622

643.6 keV (n, n') Level
Legendre Coefficients

56-Ba-129



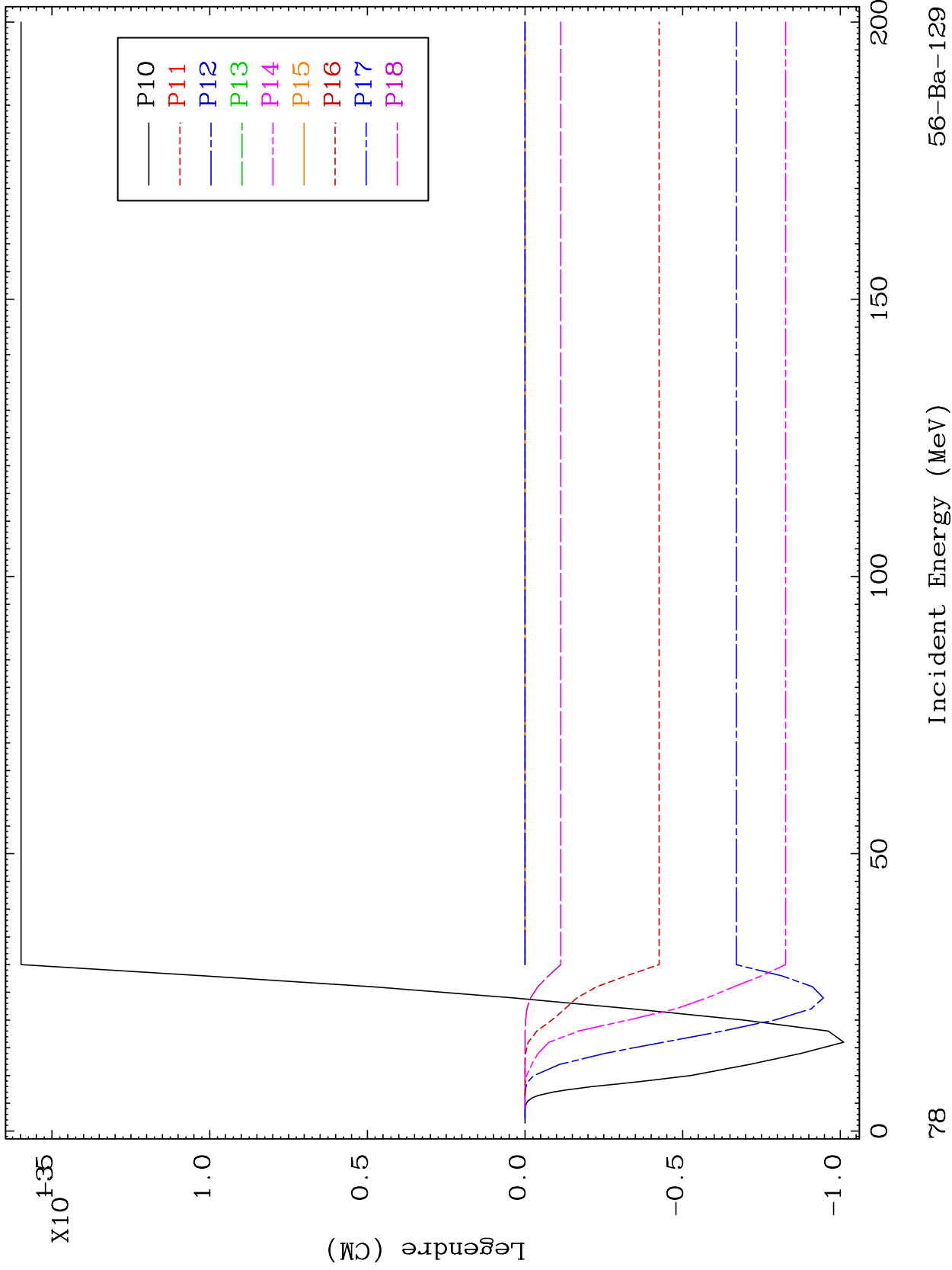




MAT 5622

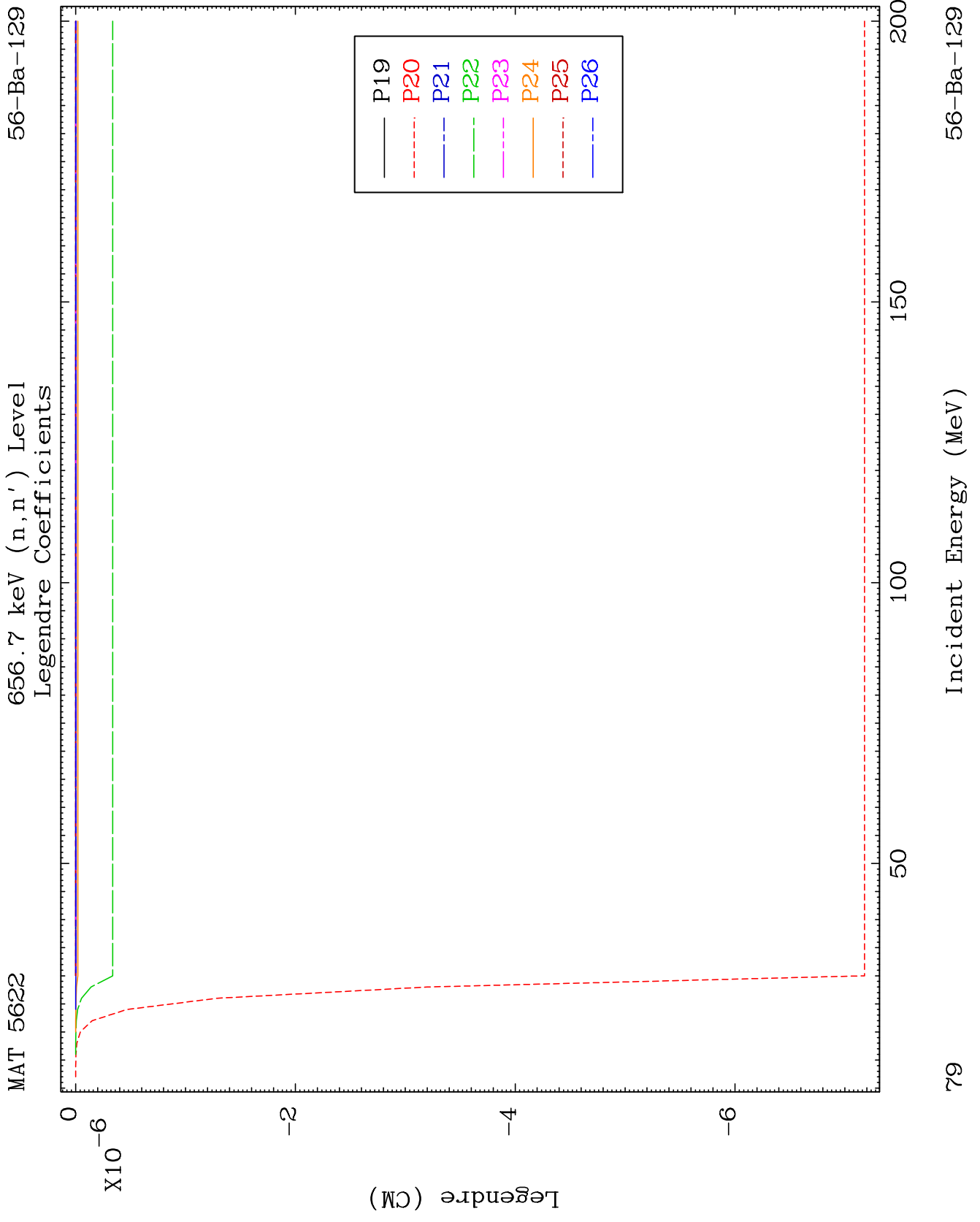
656.7 keV (n,n') Level
Legendre Coefficients

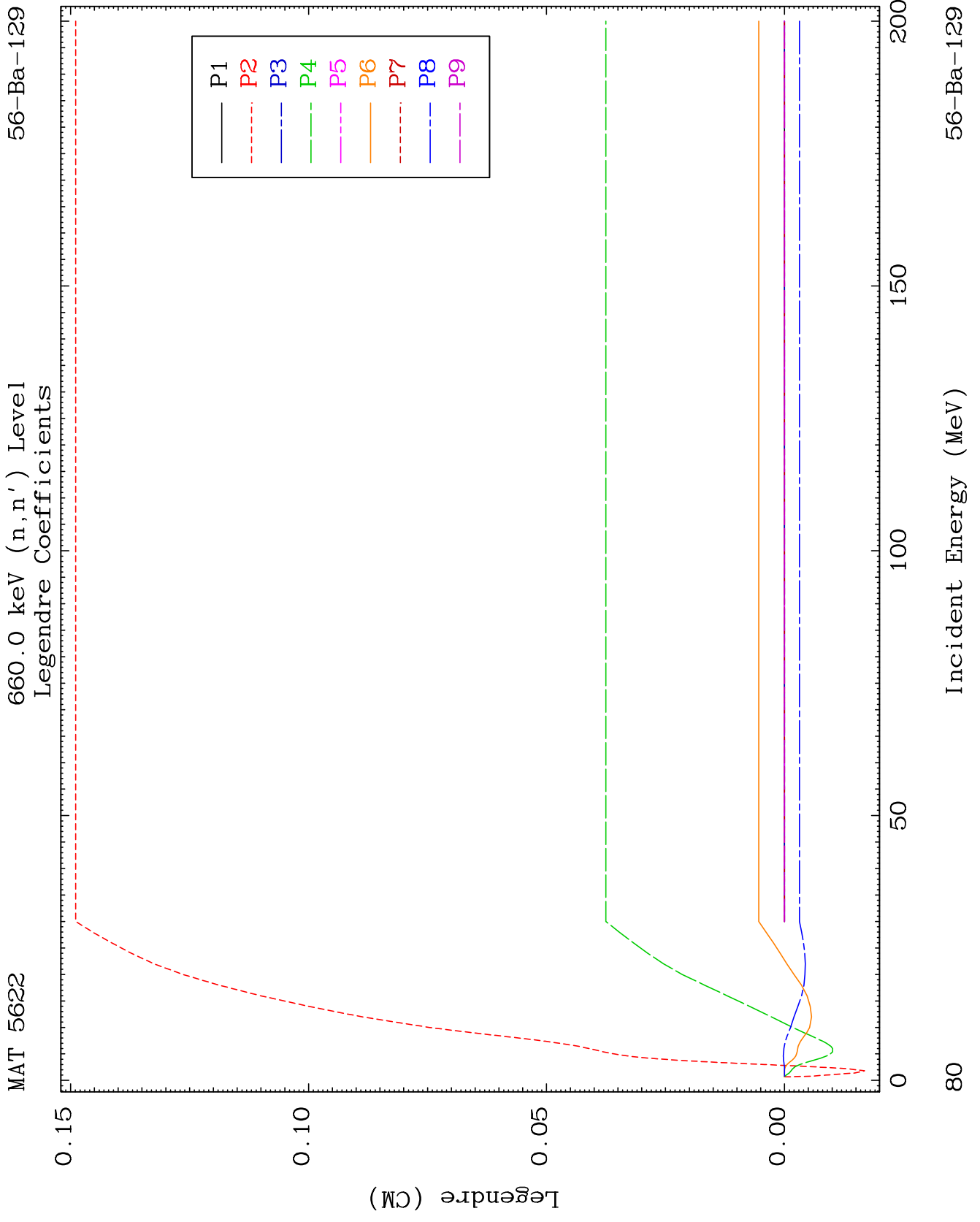
56-Ba-129



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56-Ba-129

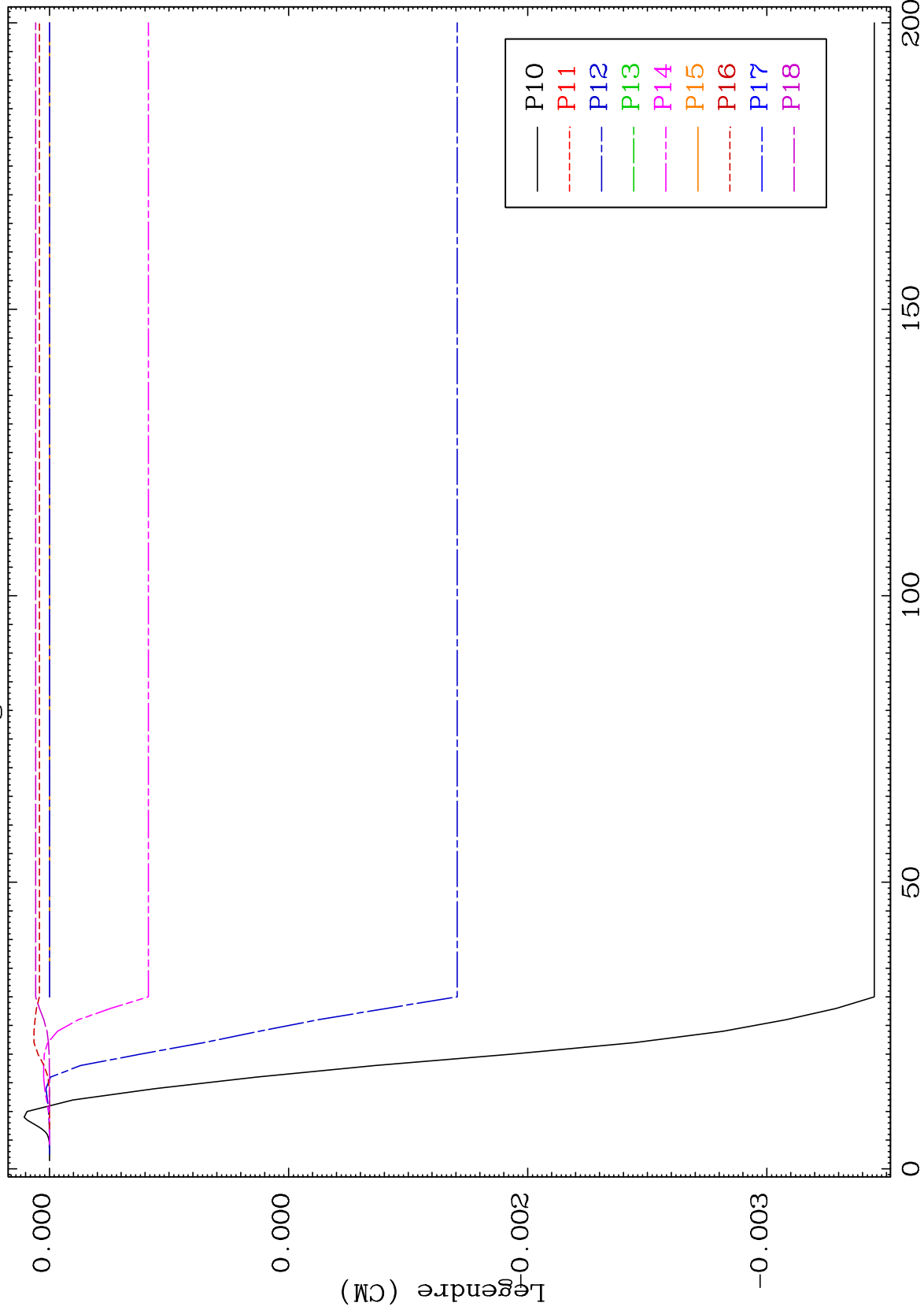




MAT 5622

660.0 keV (n,n') Level
Legendre Coefficients

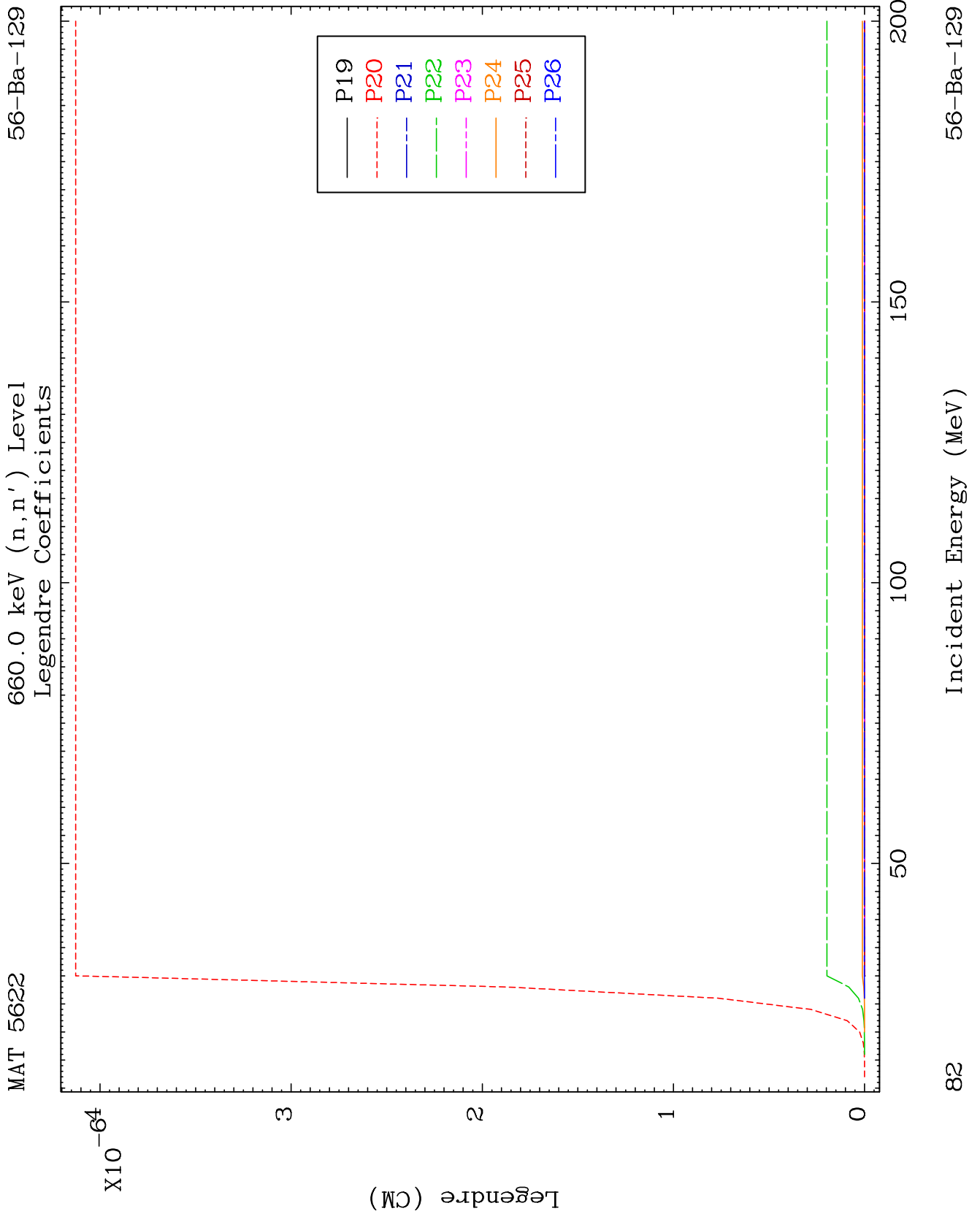
56-Ba-129



81

Incident Energy (MeV)

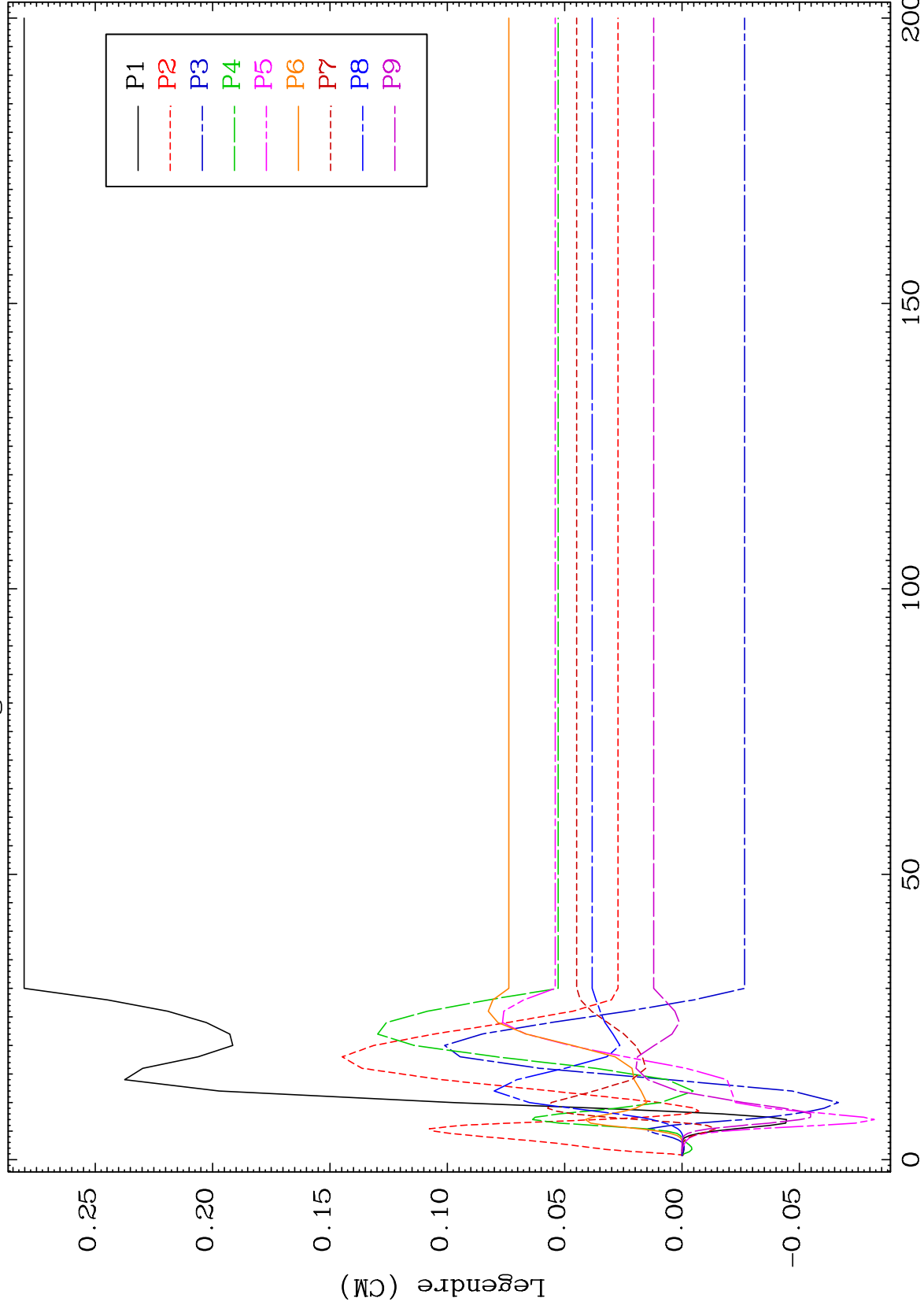
56-Ba-129



MAT 5622

667.8 keV (n,n') Level
Legendre Coefficients

56-Ba-129



83

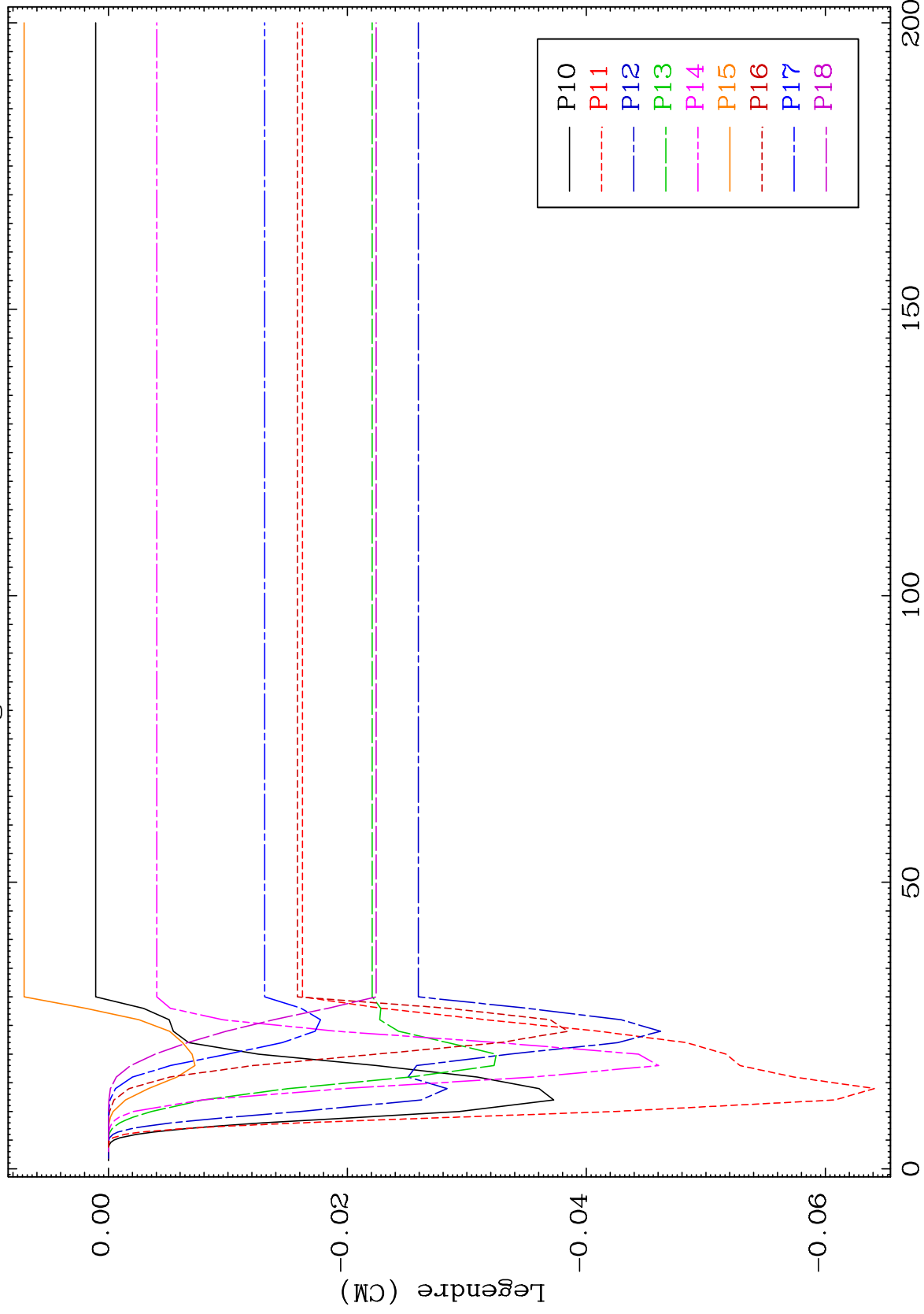
Incident Energy (MeV)

56-Ba-129

MAT 5622

667.8 keV (n,n') Level
Legendre Coefficients

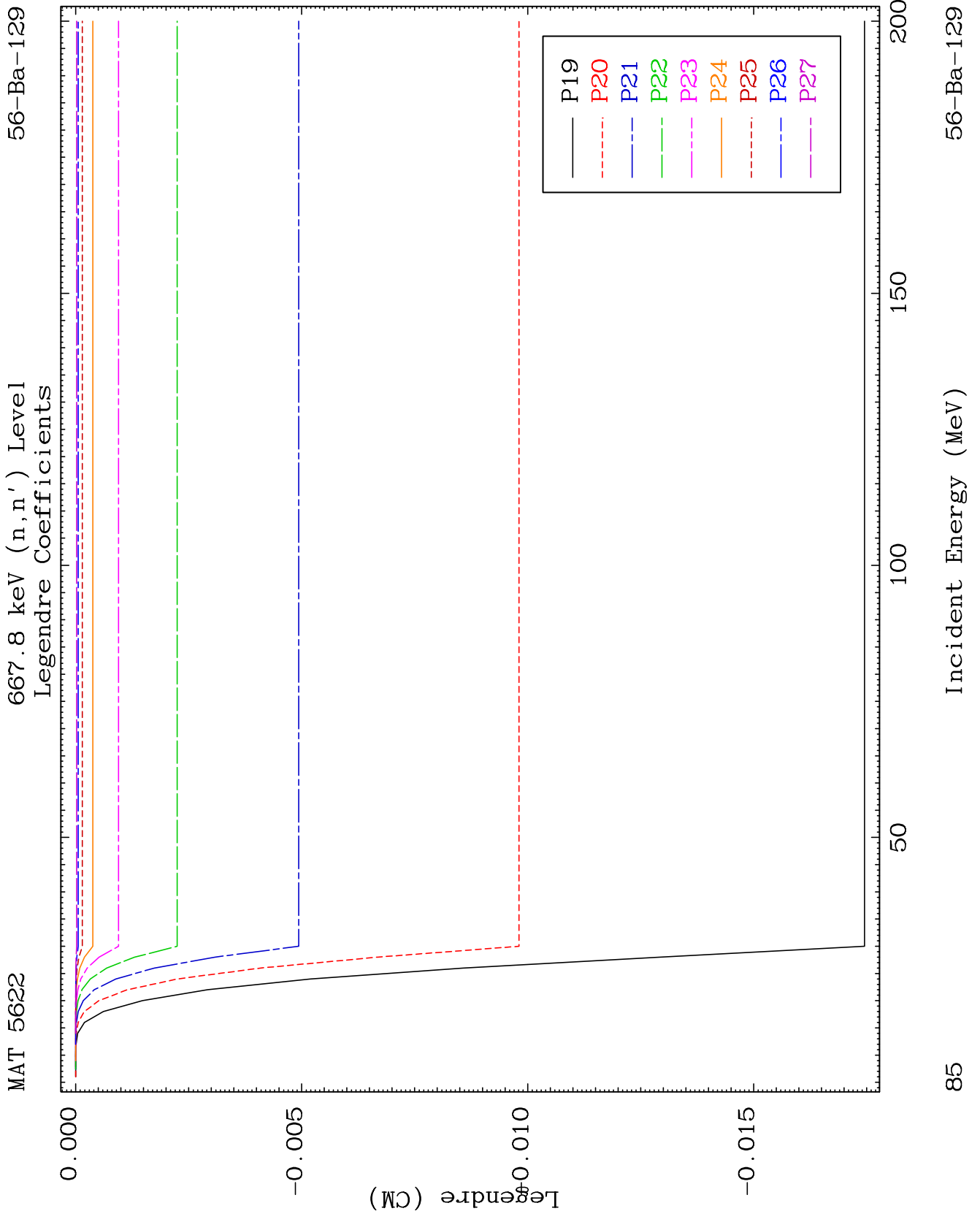
56-Ba-129

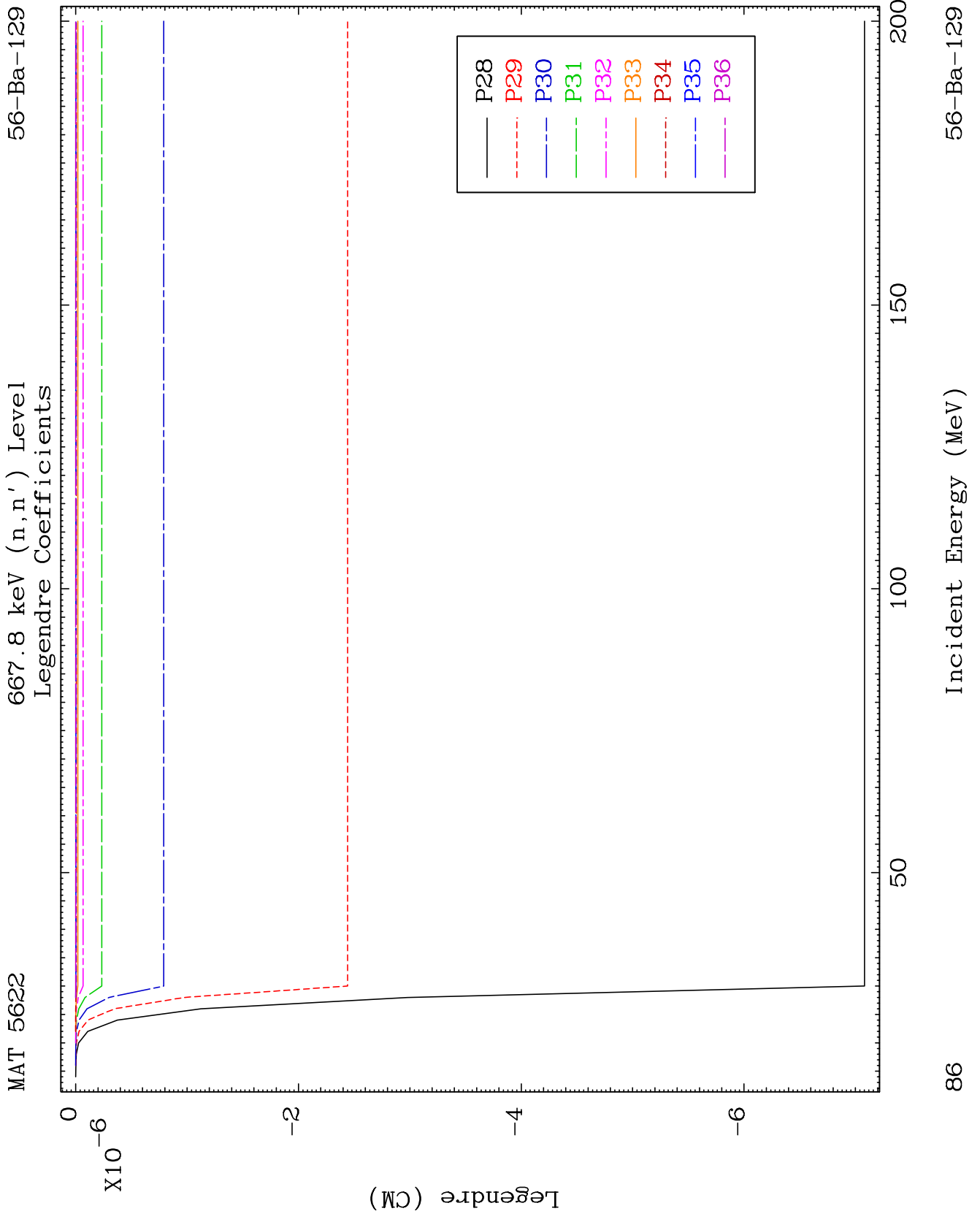


84

Incident Energy (MeV)

56-Ba-129

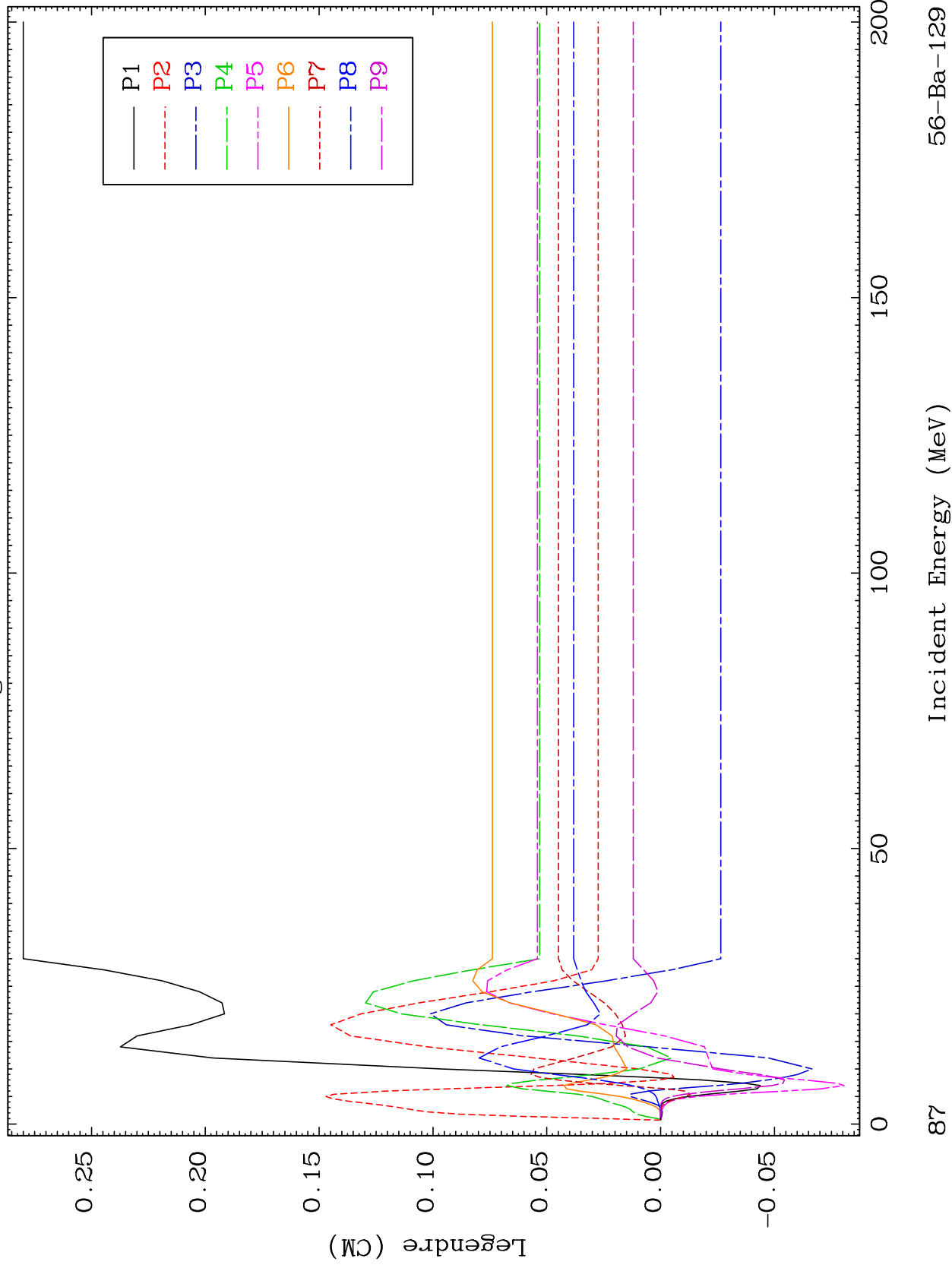




MAT 5622

711.9 keV (n,n') Level
Legendre Coefficients

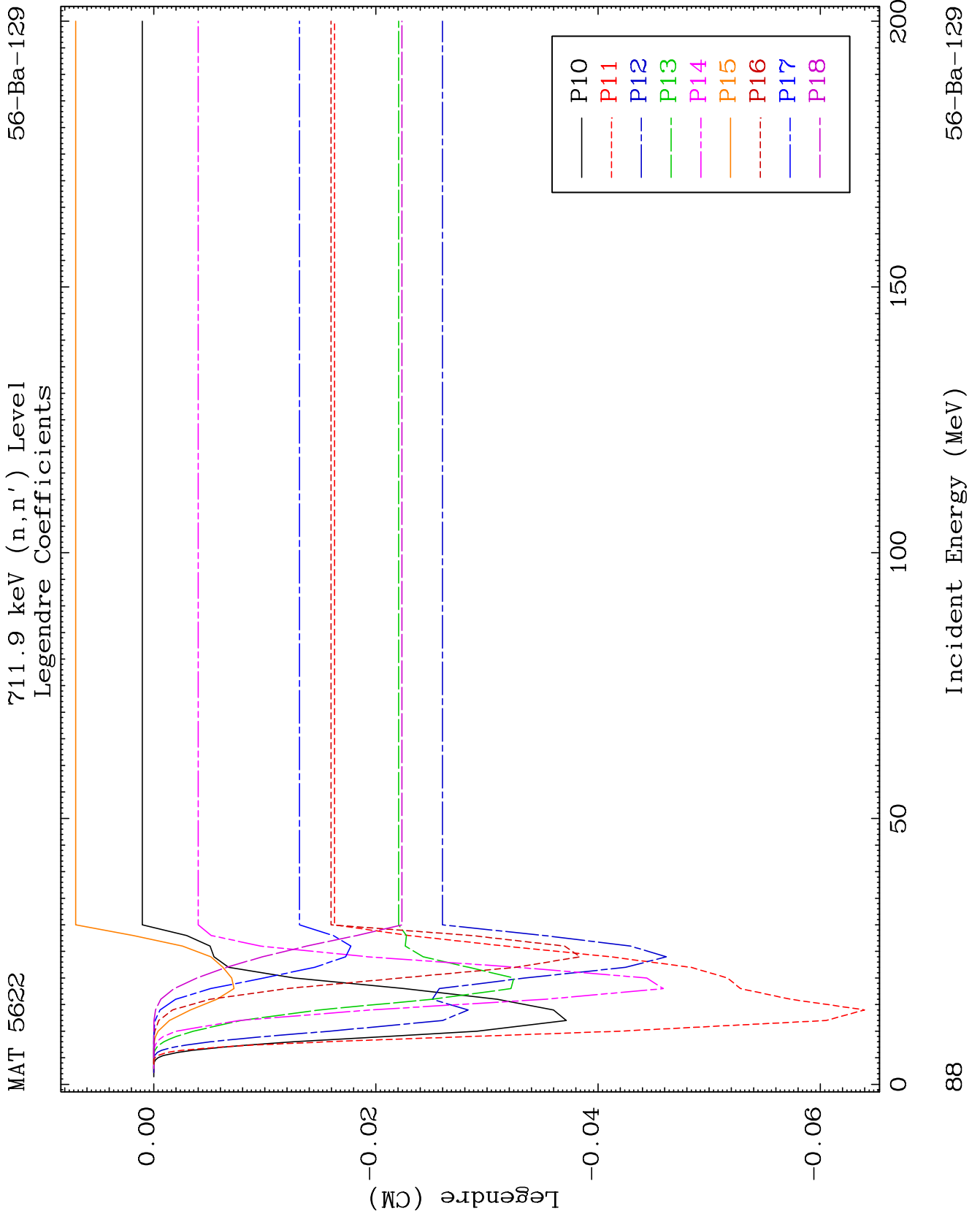
56-Ba-129

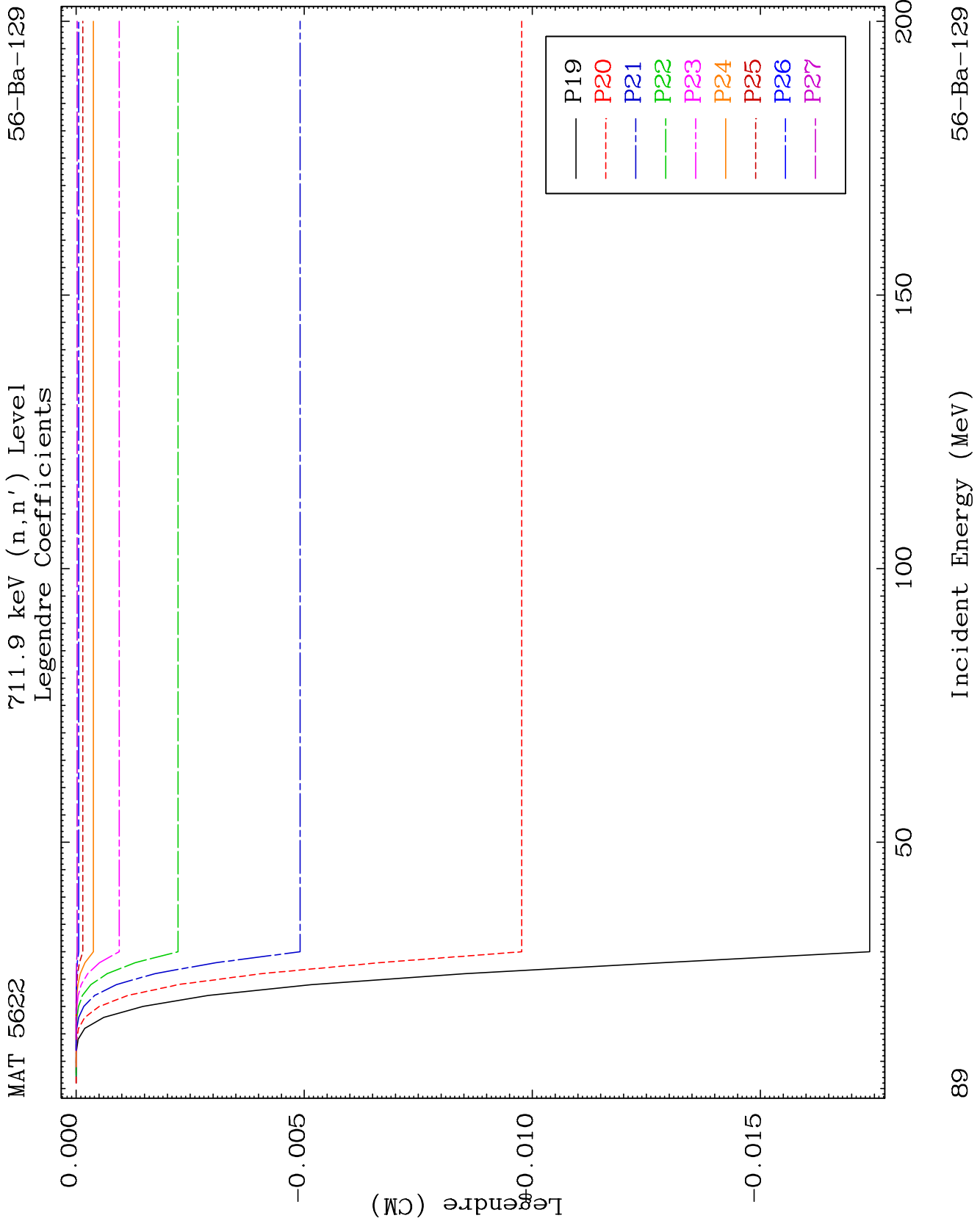


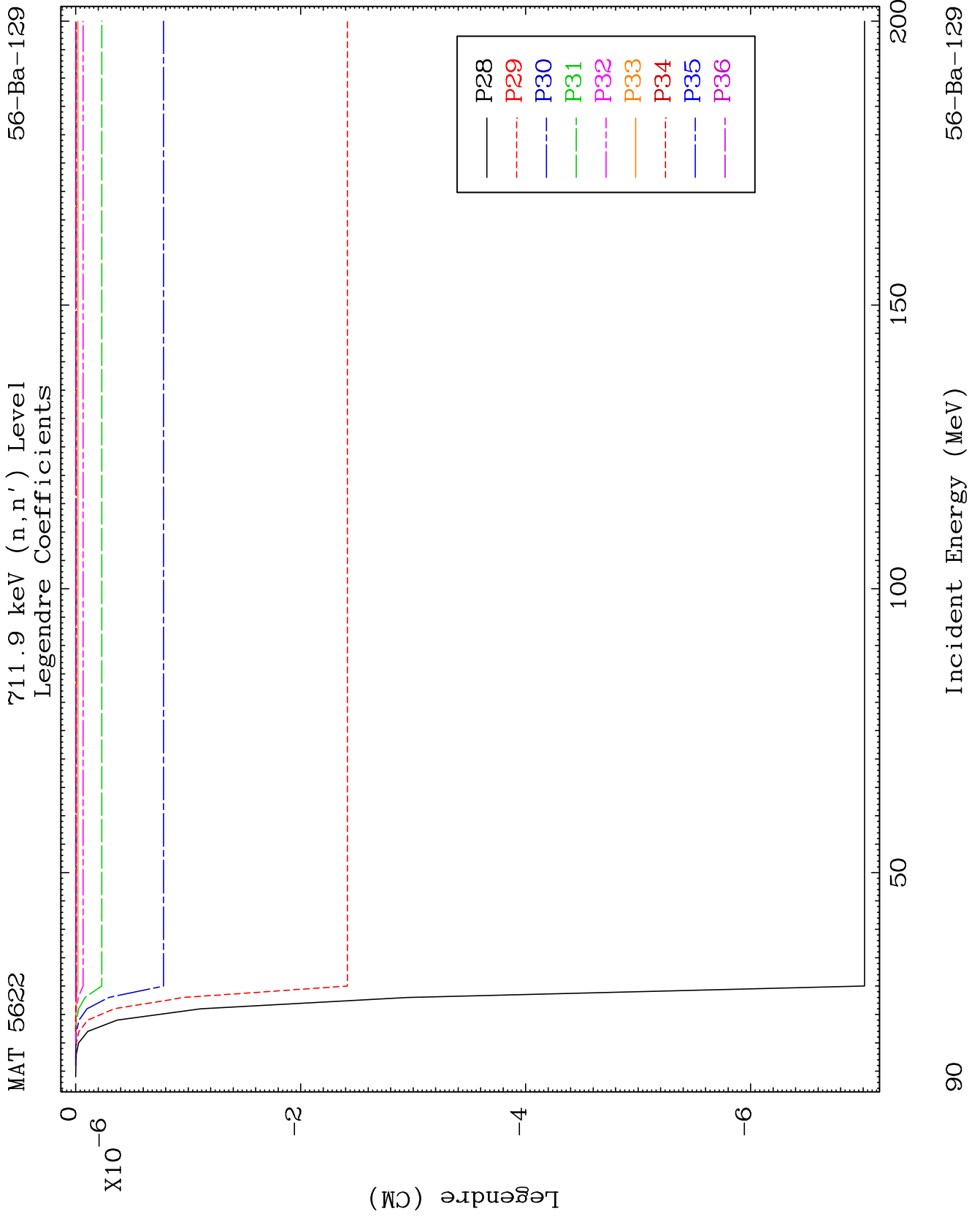
87

Incident Energy (MeV)

56-Ba-129



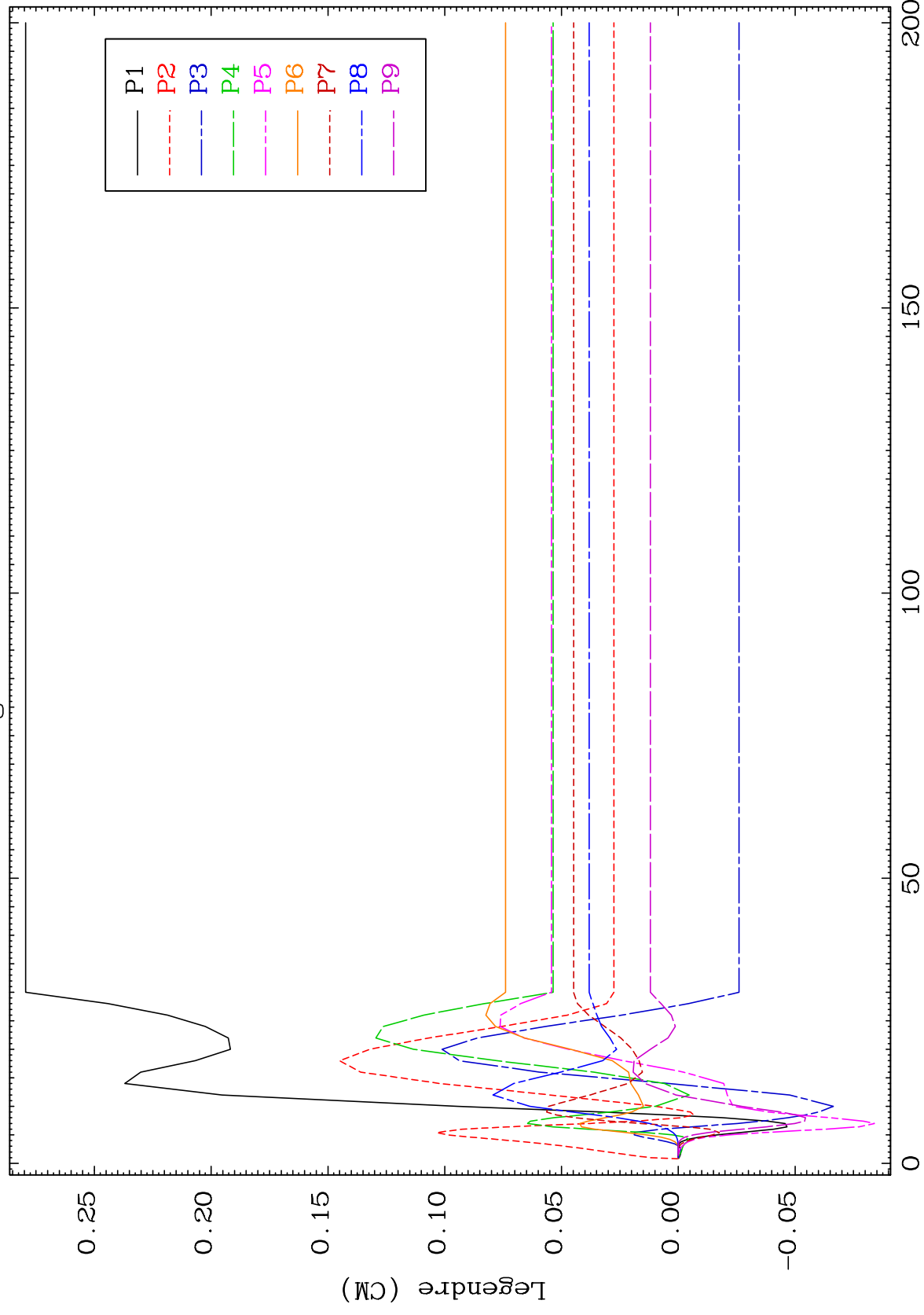




MAT 5622

787.1 keV (n,n') Level
Legendre Coefficients

56-Ba-129



91

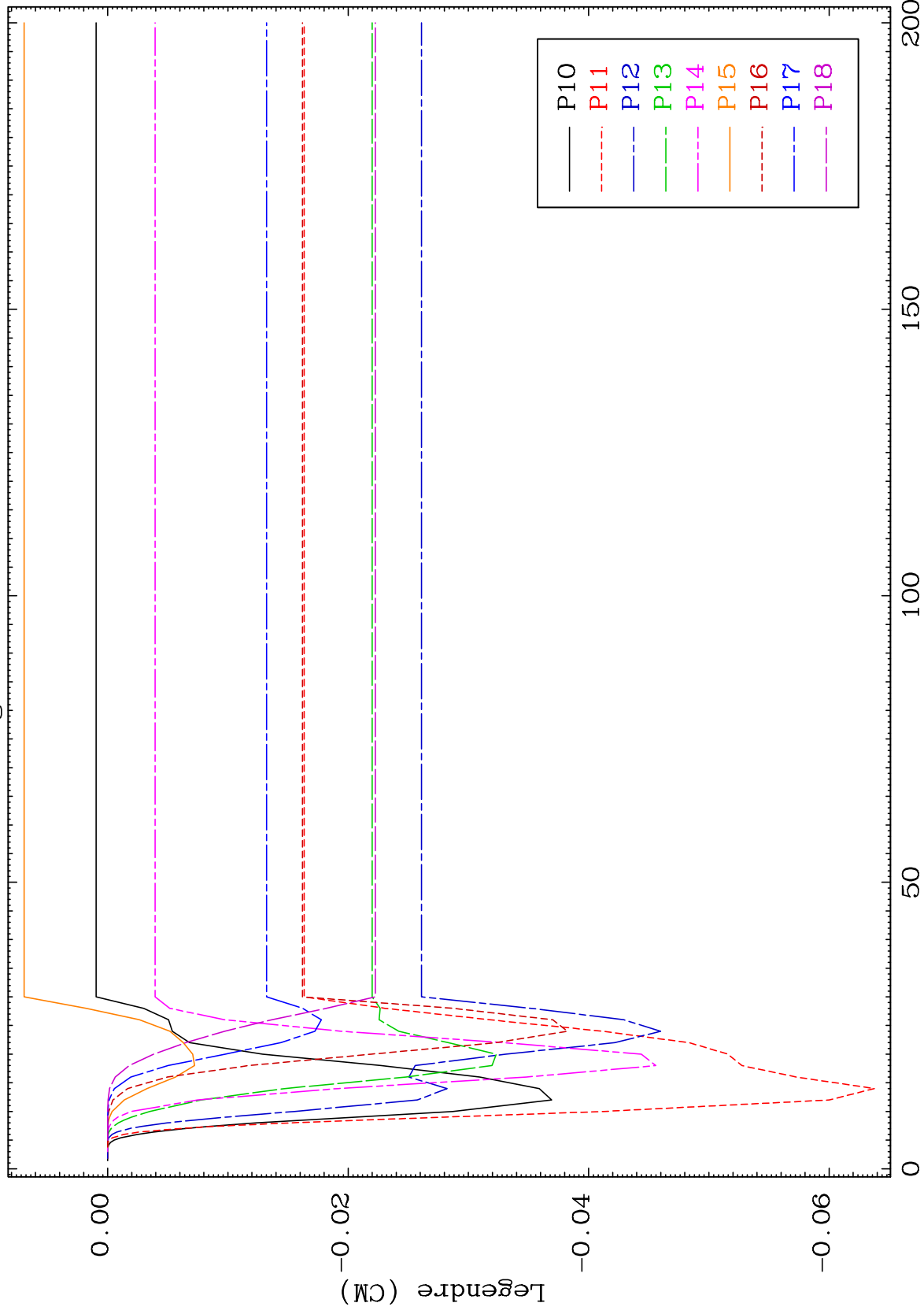
Incident Energy (MeV)

56-Ba-129

MAT 5622

787.1 keV (n,n') Level
Legendre Coefficients

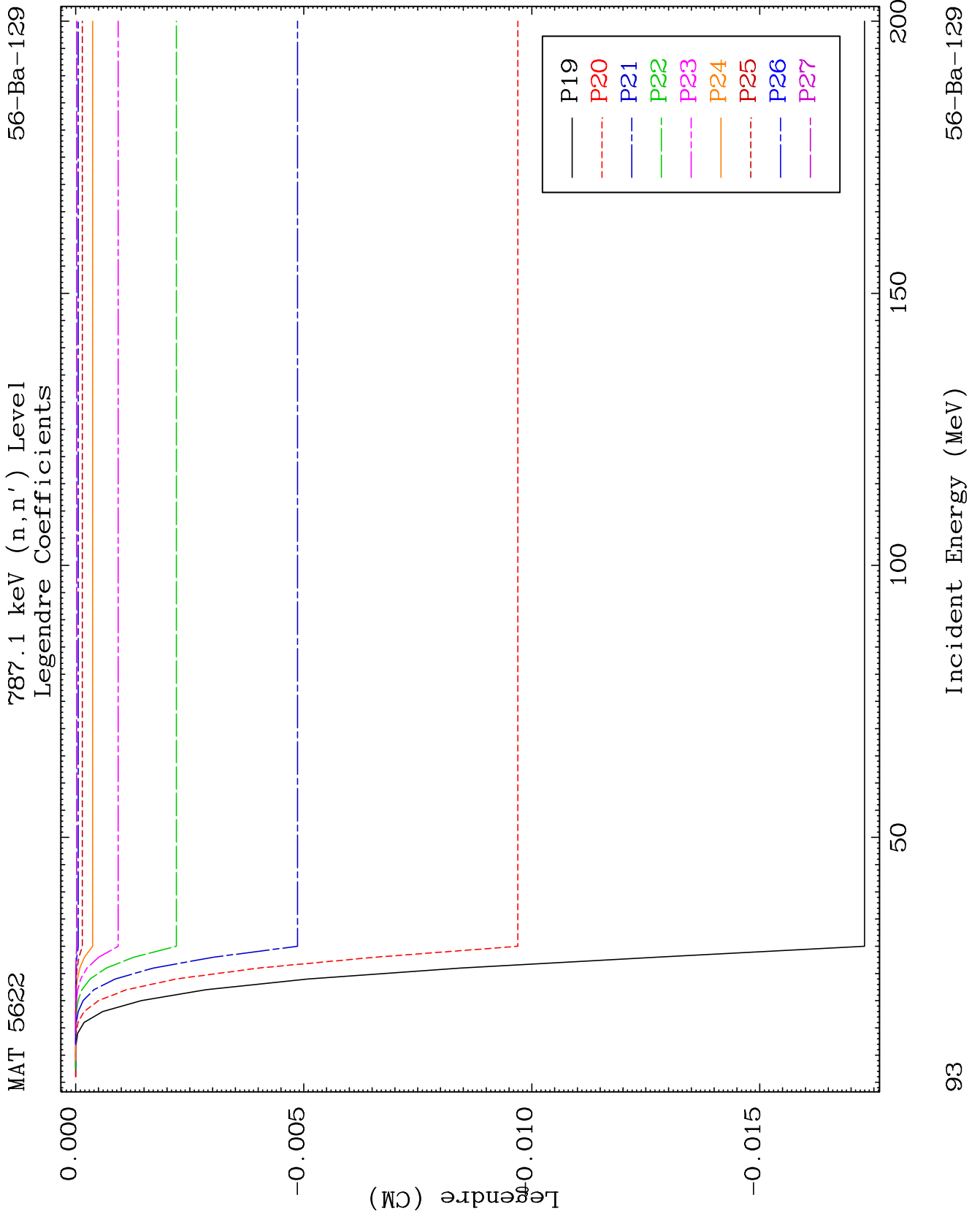
56-Ba-129

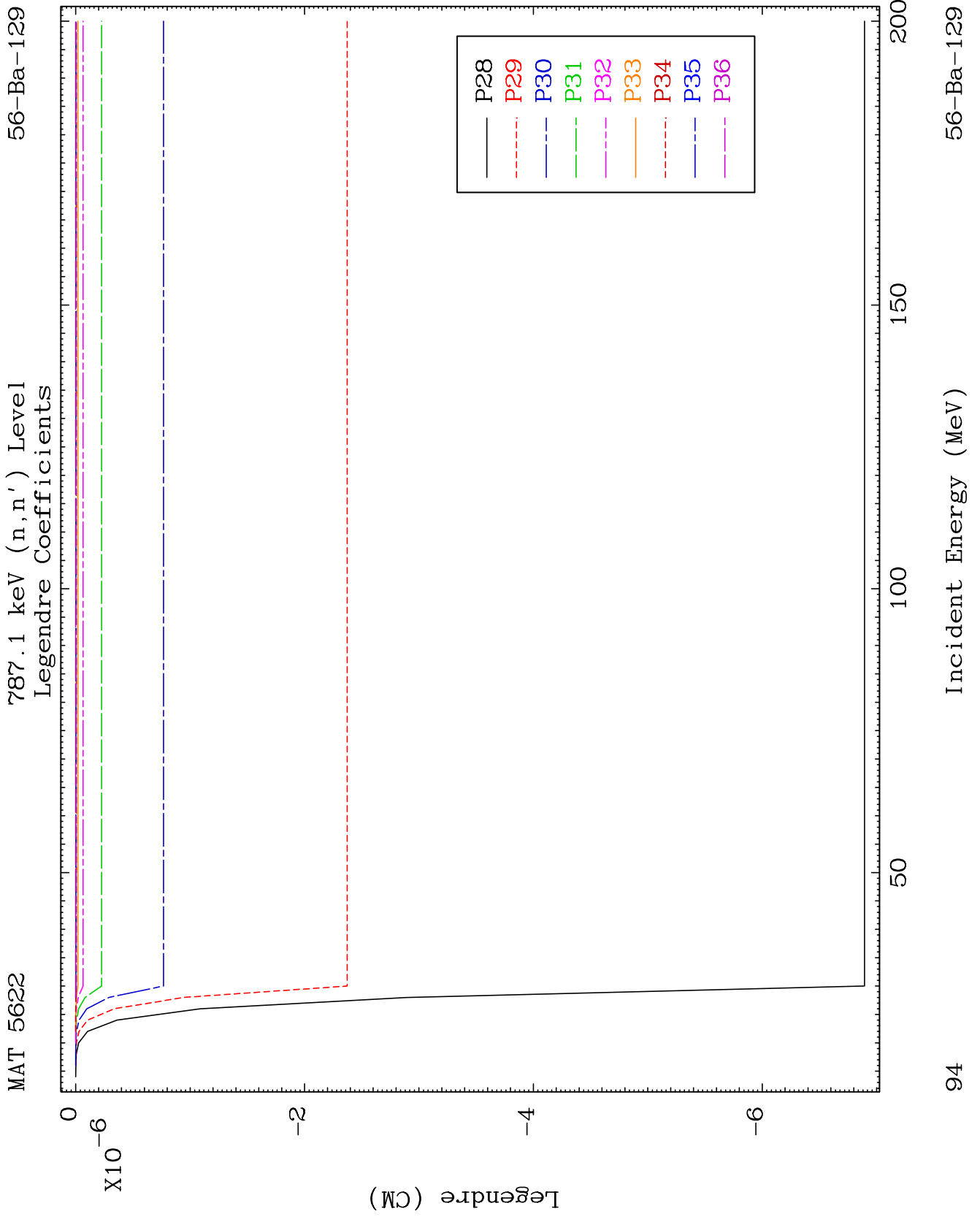


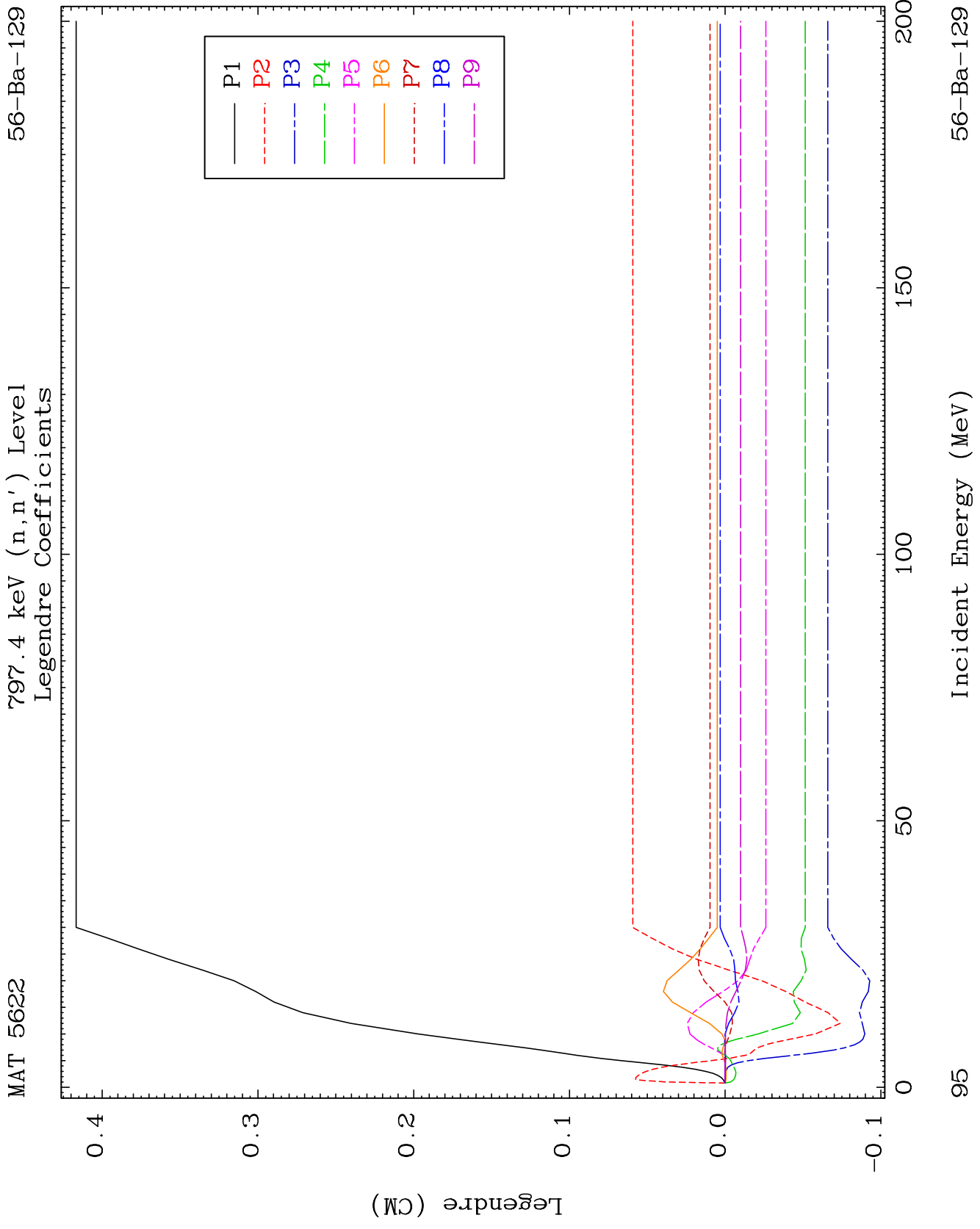
92

Incident Energy (MeV)

56-Ba-129



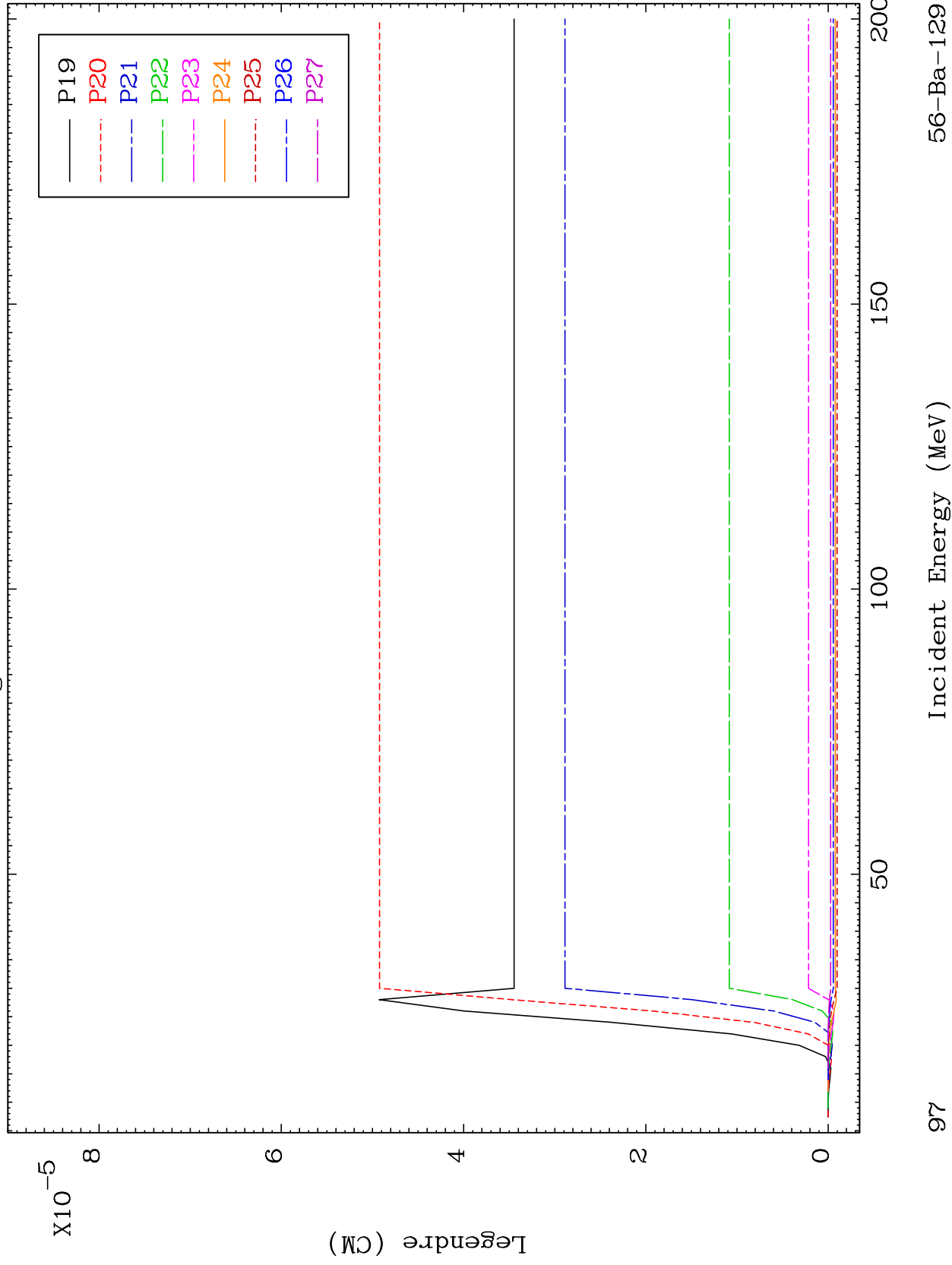


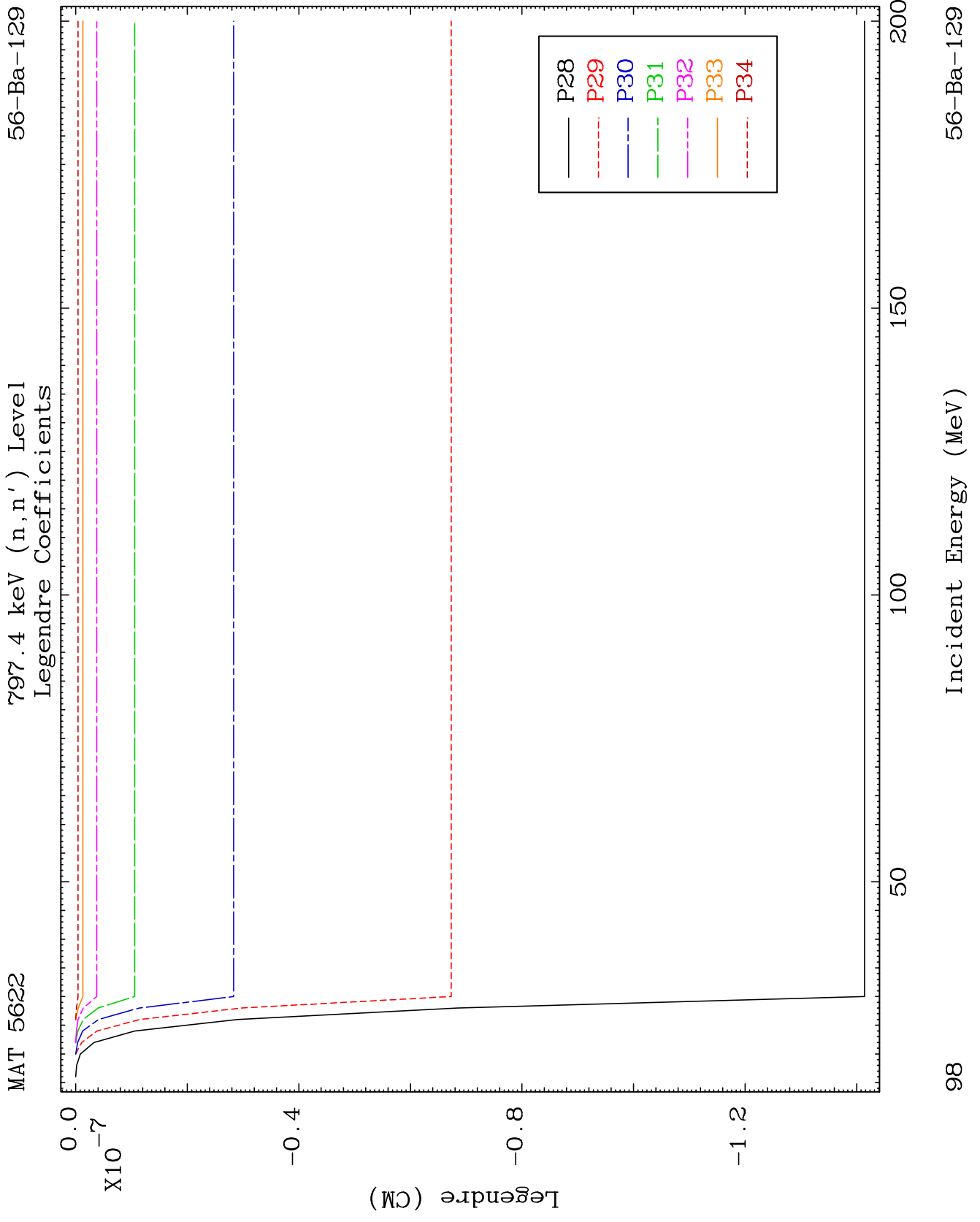


MAT 5622

797.4 keV (n,n') Level
Legendre Coefficients

56-Ba-129

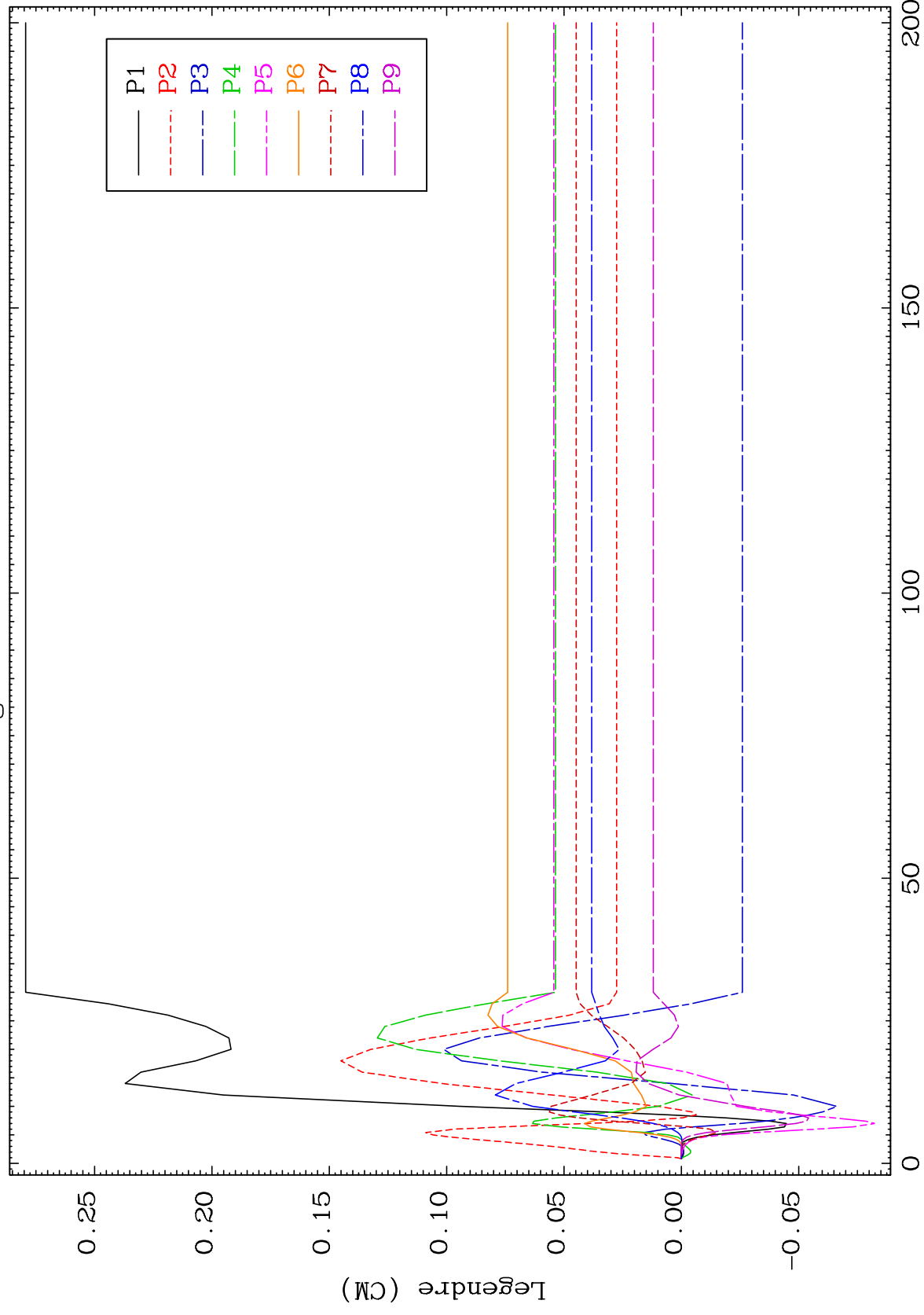




MAT 5622

799.6 keV (n,n') Level
Legendre Coefficients

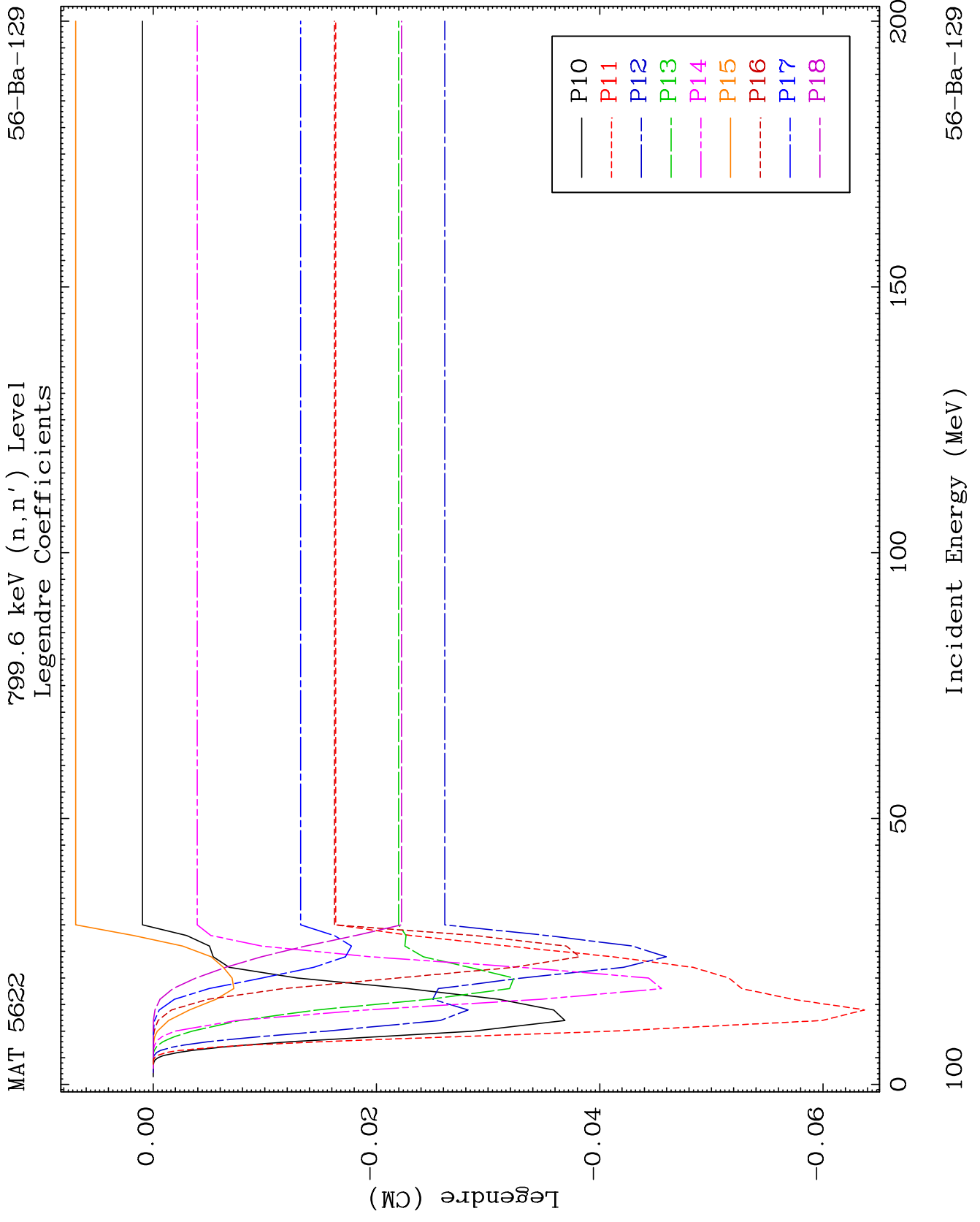
56-Ba-129

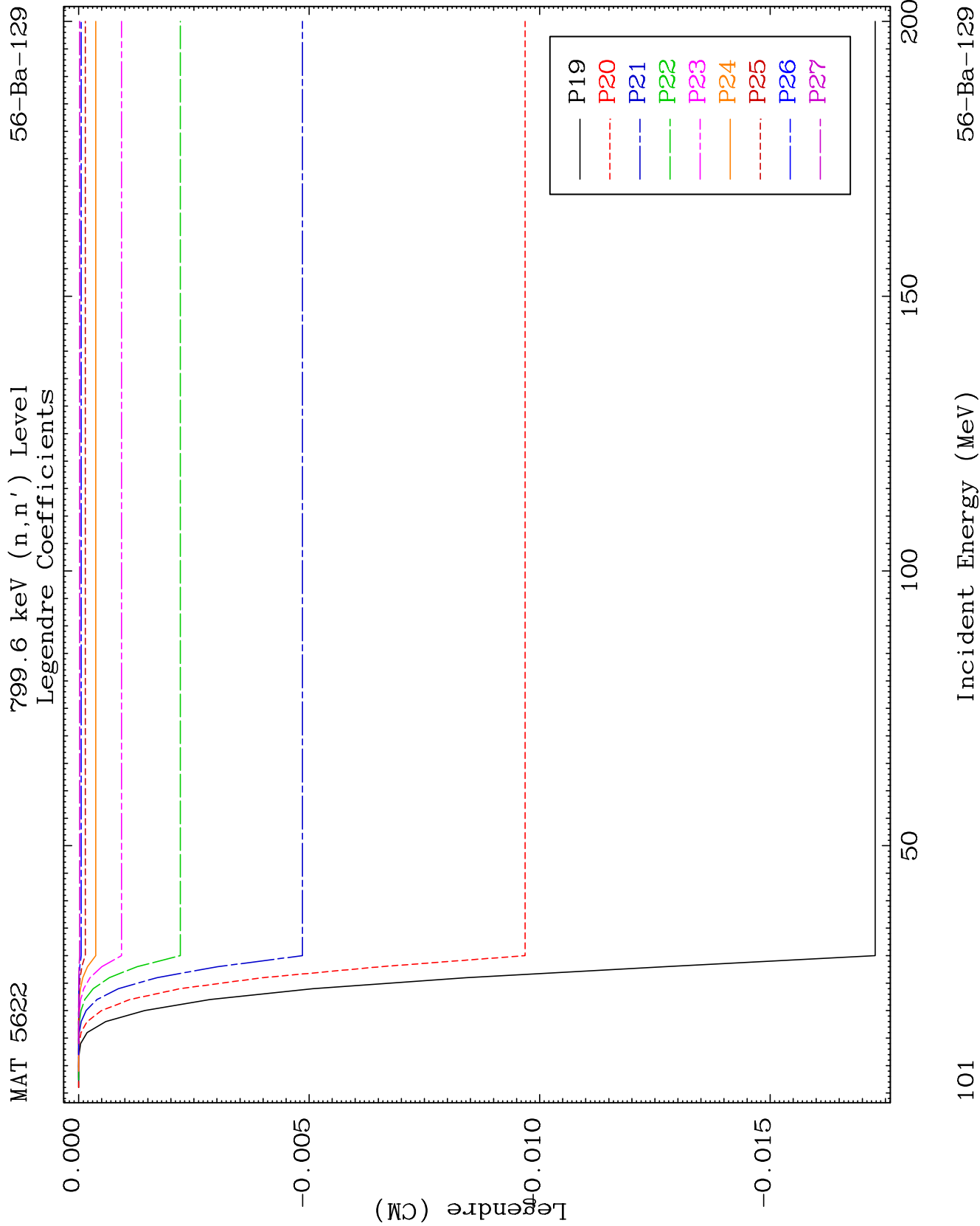


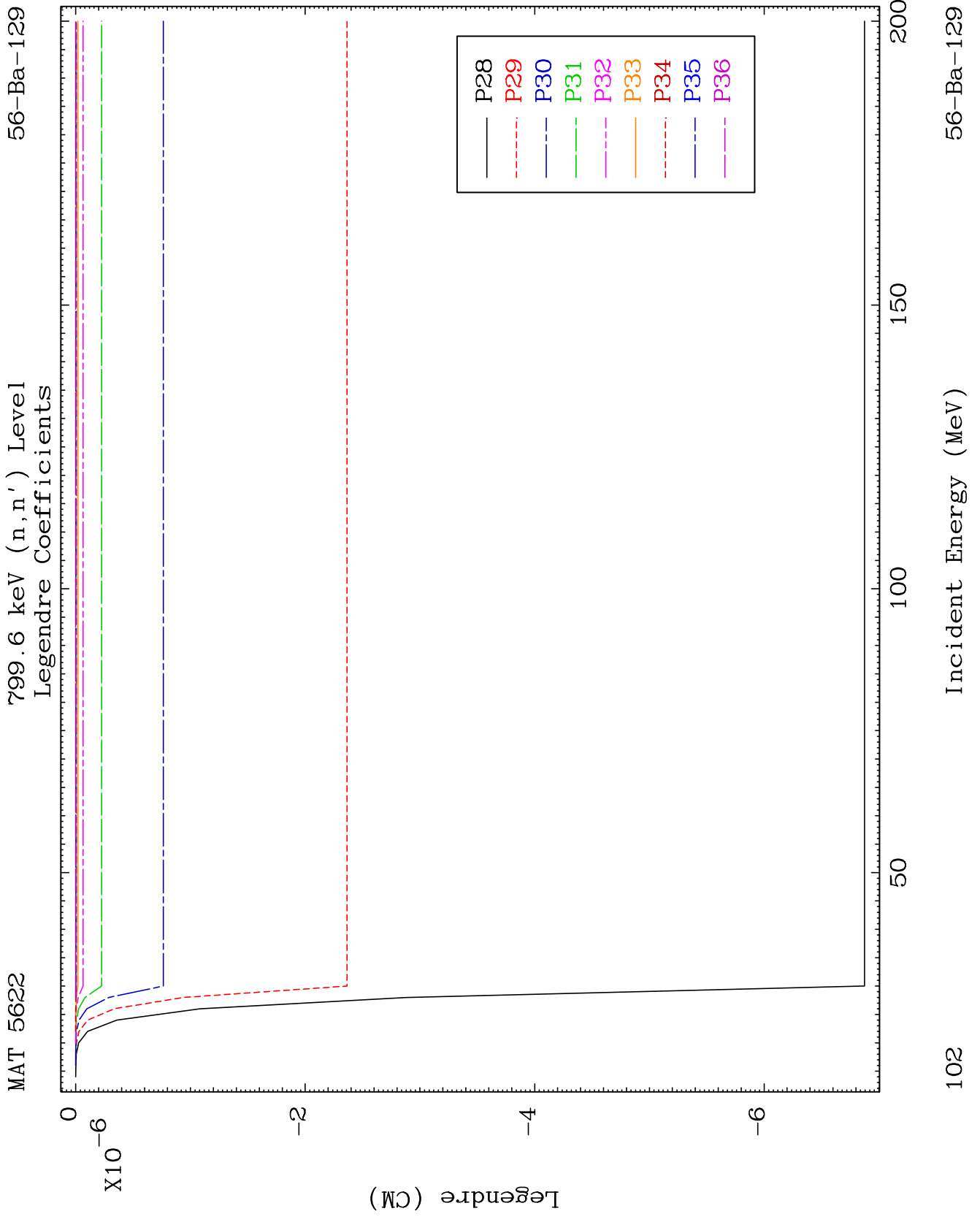
56-Ba-129

Incident Energy (MeV)

99



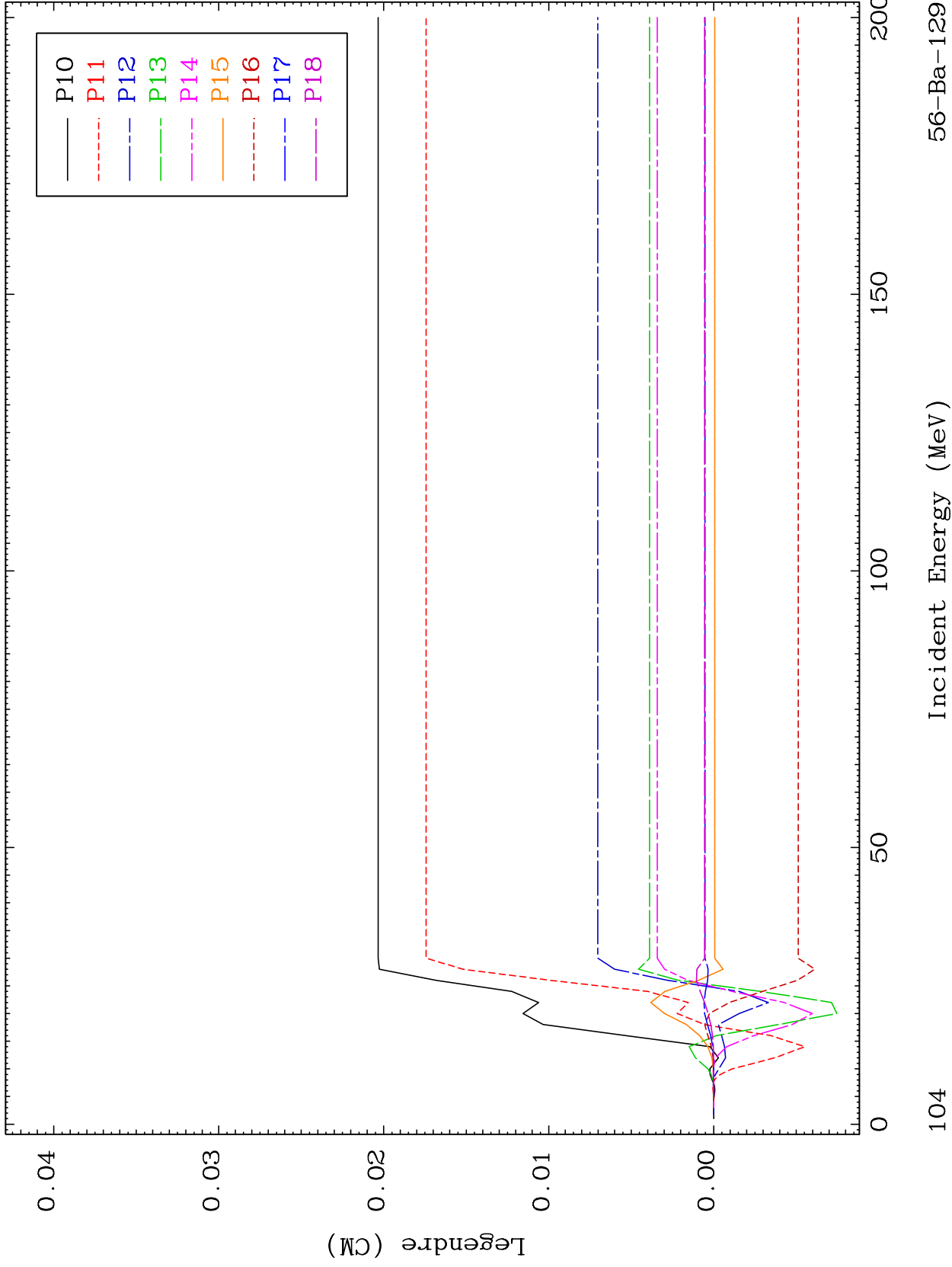




MAT 5622

806.8 keV (n, n') Level
Legendre Coefficients

56-Ba-129



56-Ba-129

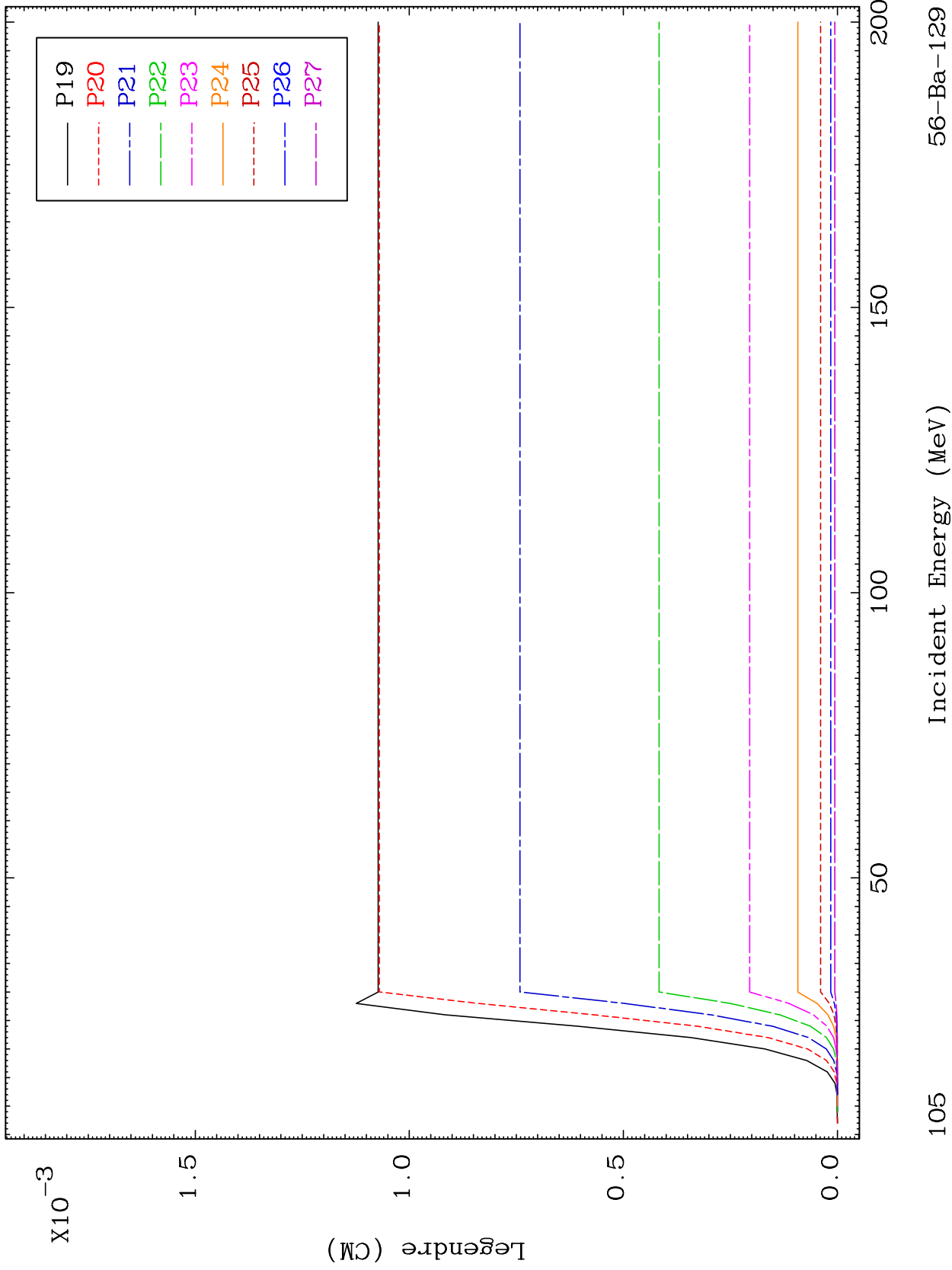
Incident Energy (MeV)

104

MAT 5622

806.8 keV (n,n') Level
Legendre Coefficients

56-Ba-129



105

50

100

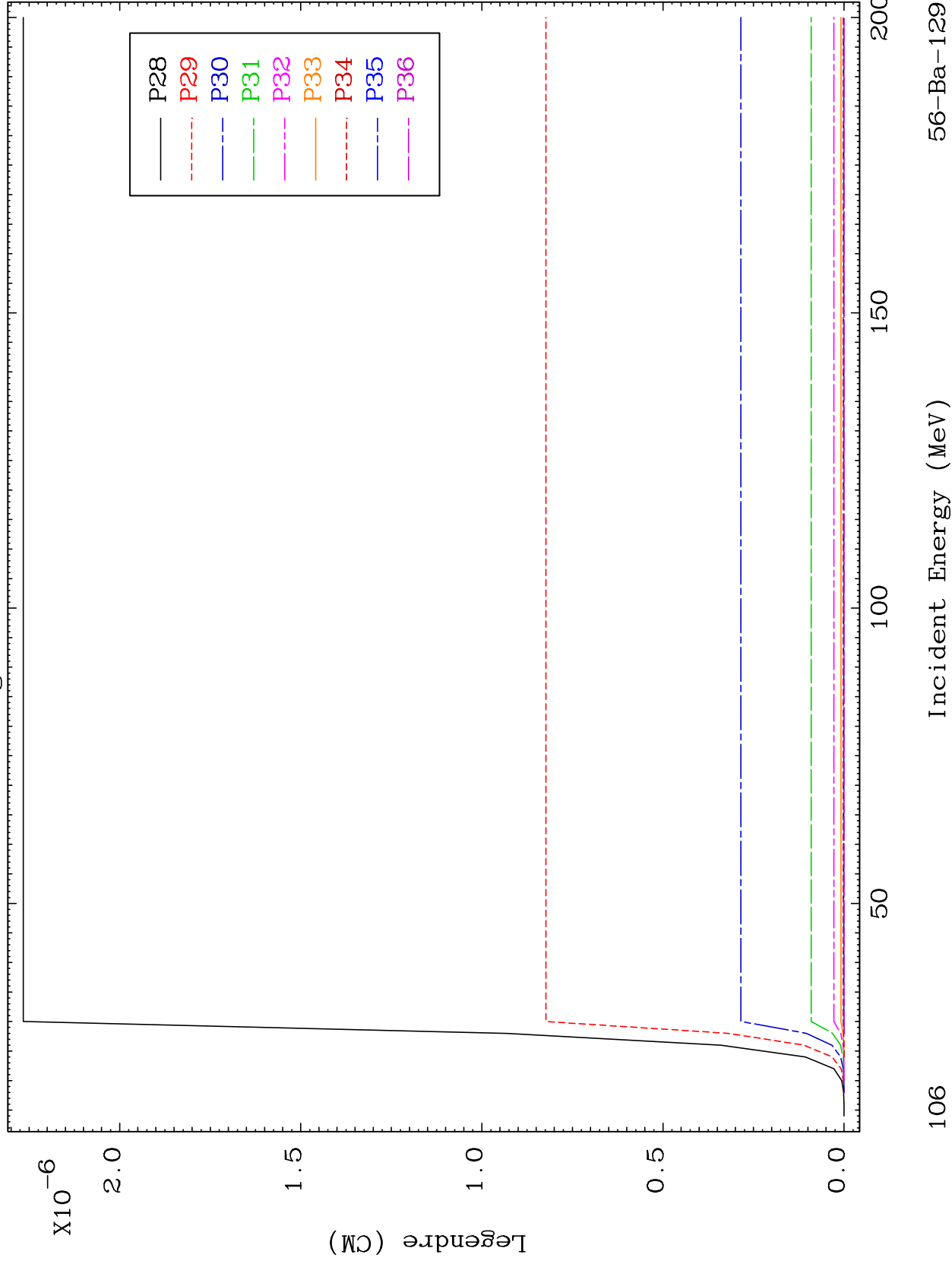
150

200

MAT 5622

806.8 keV (n,n') Level
Legendre Coefficients

56-Ba-129



106

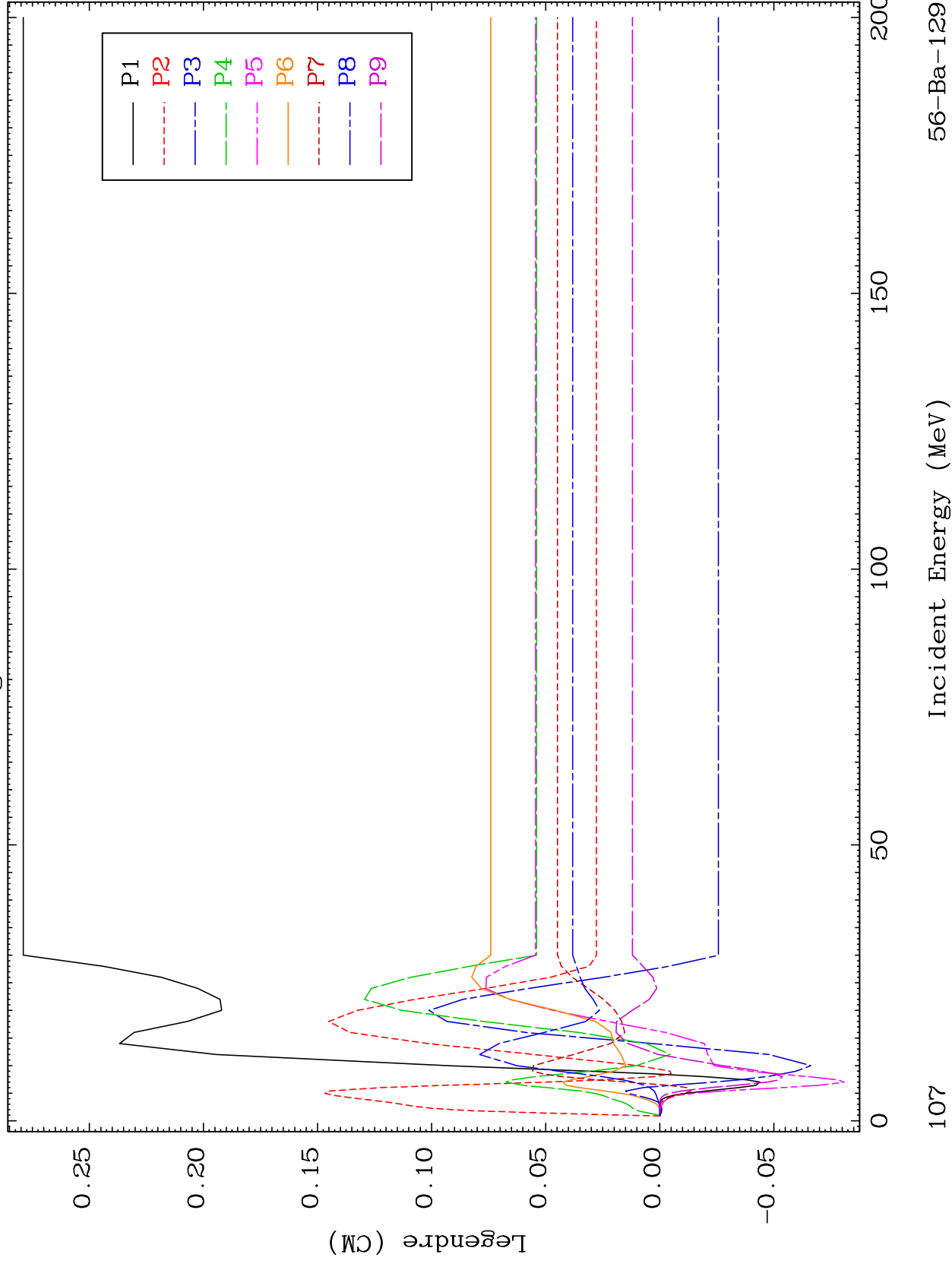
Incident Energy (MeV)

56-Ba-129

MAT 5622

849.4 keV (n,n') Level
Legendre Coefficients

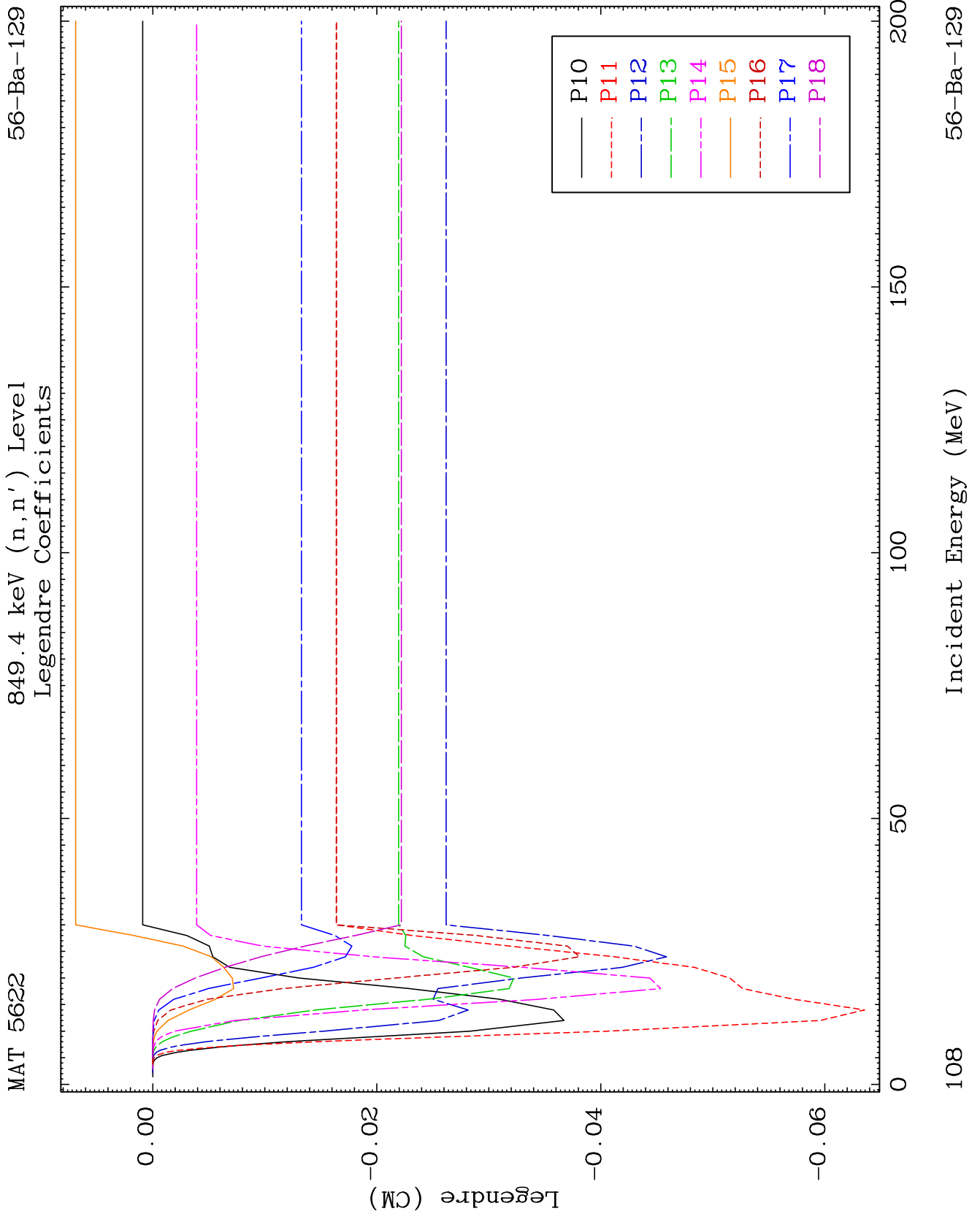
56-Ba-129

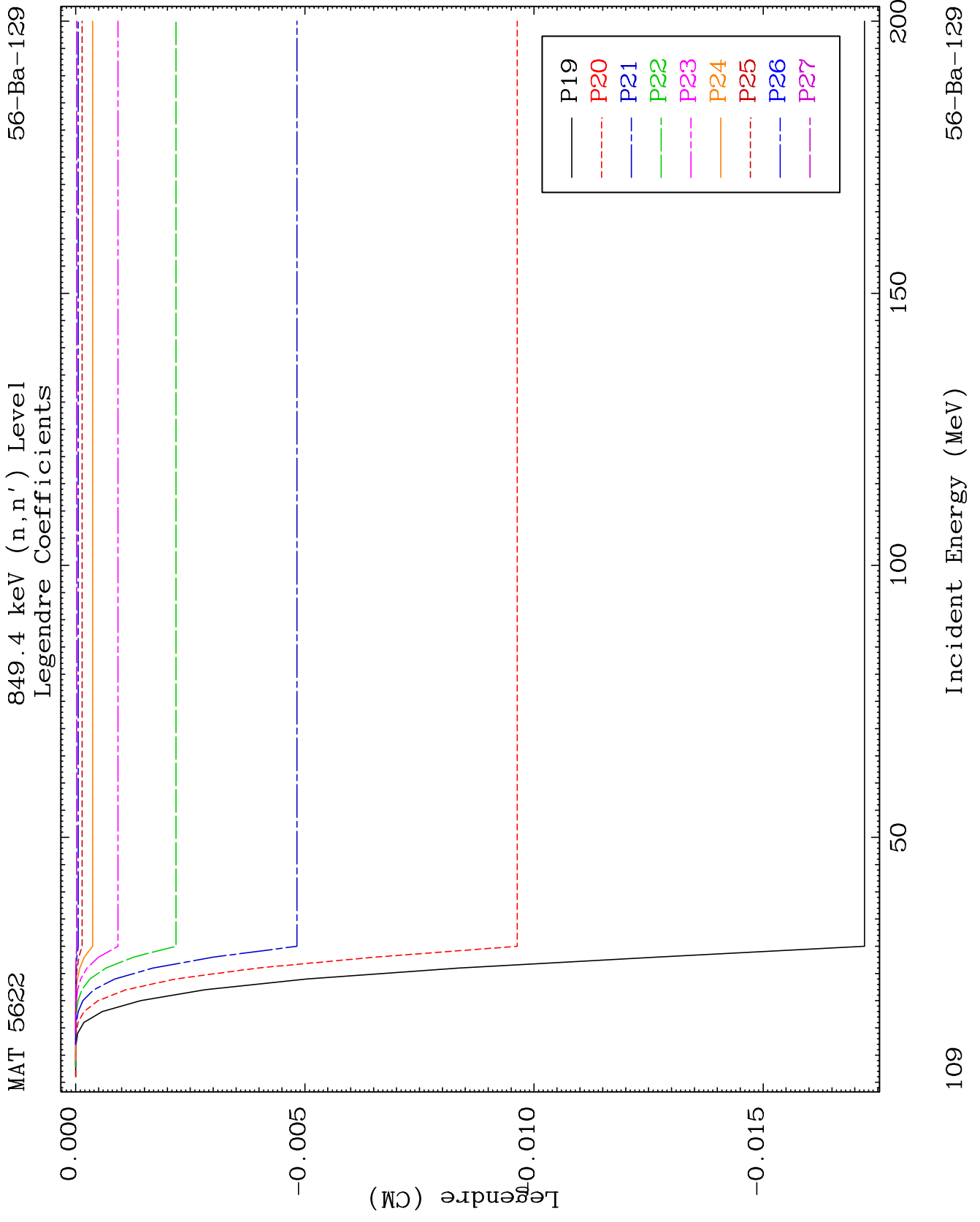


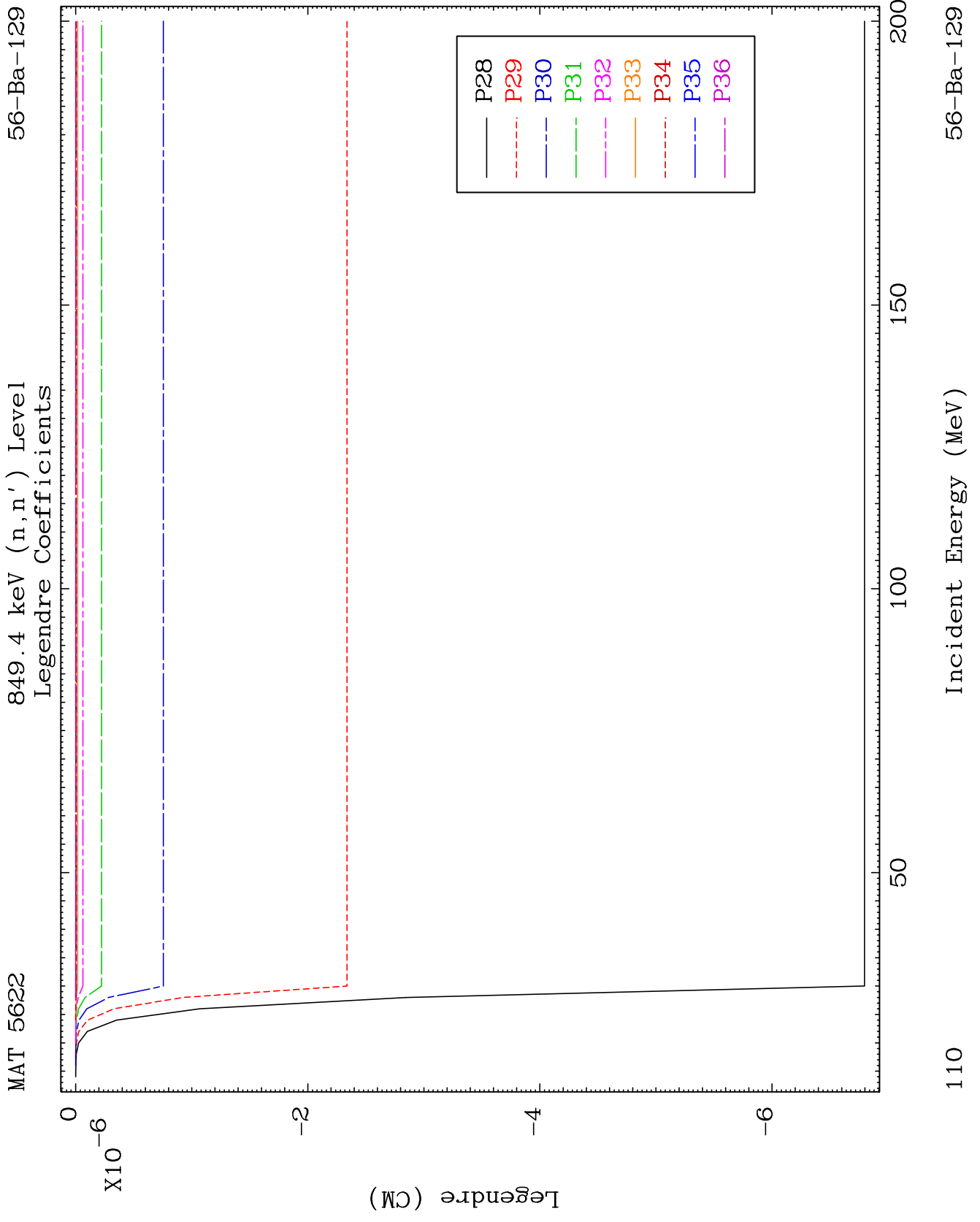
56-Ba-129

Incident Energy (MeV)

107



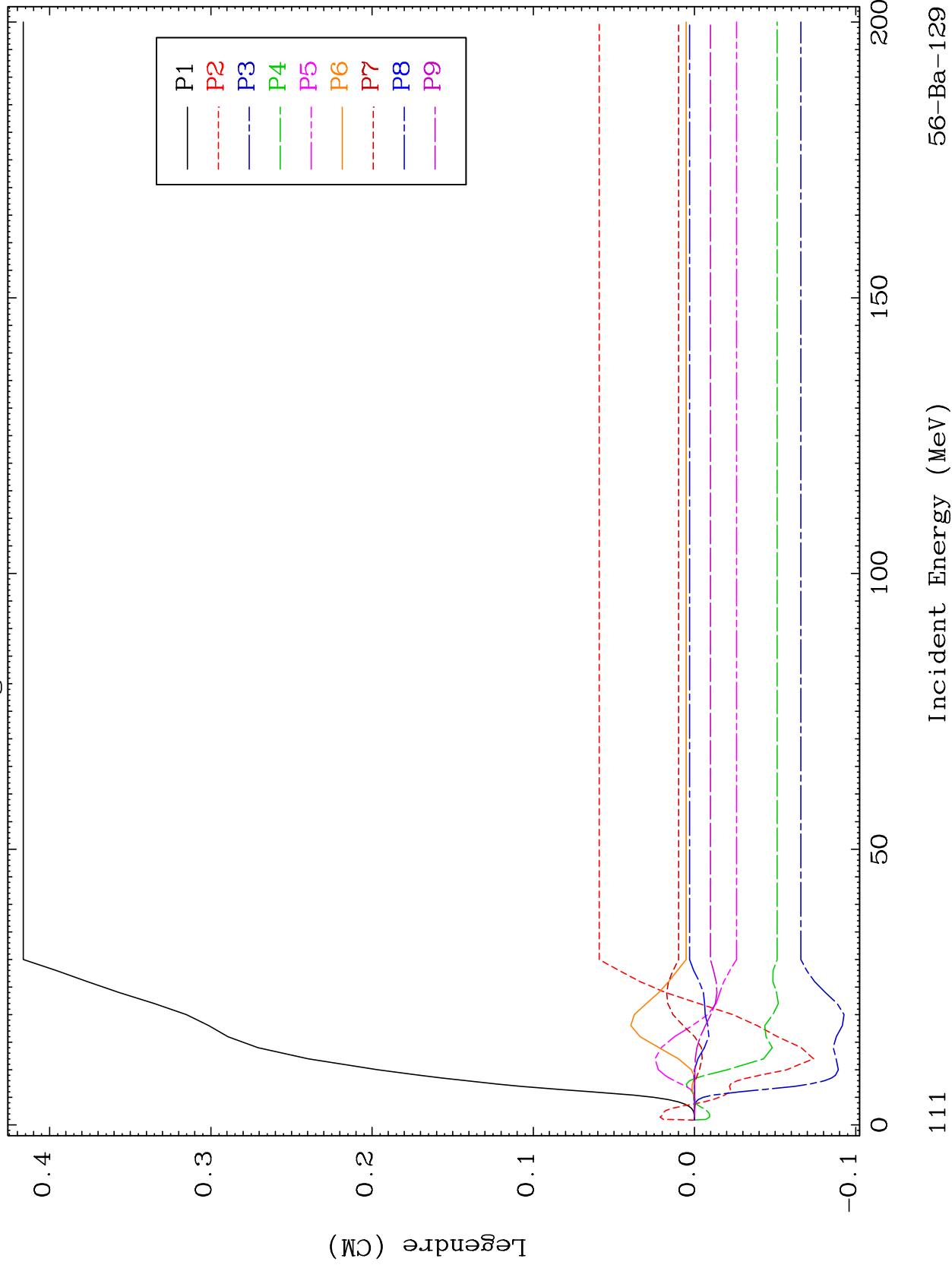




MAT 5622

864.1 keV (n,n') Level
Legendre Coefficients

56-Ba-129

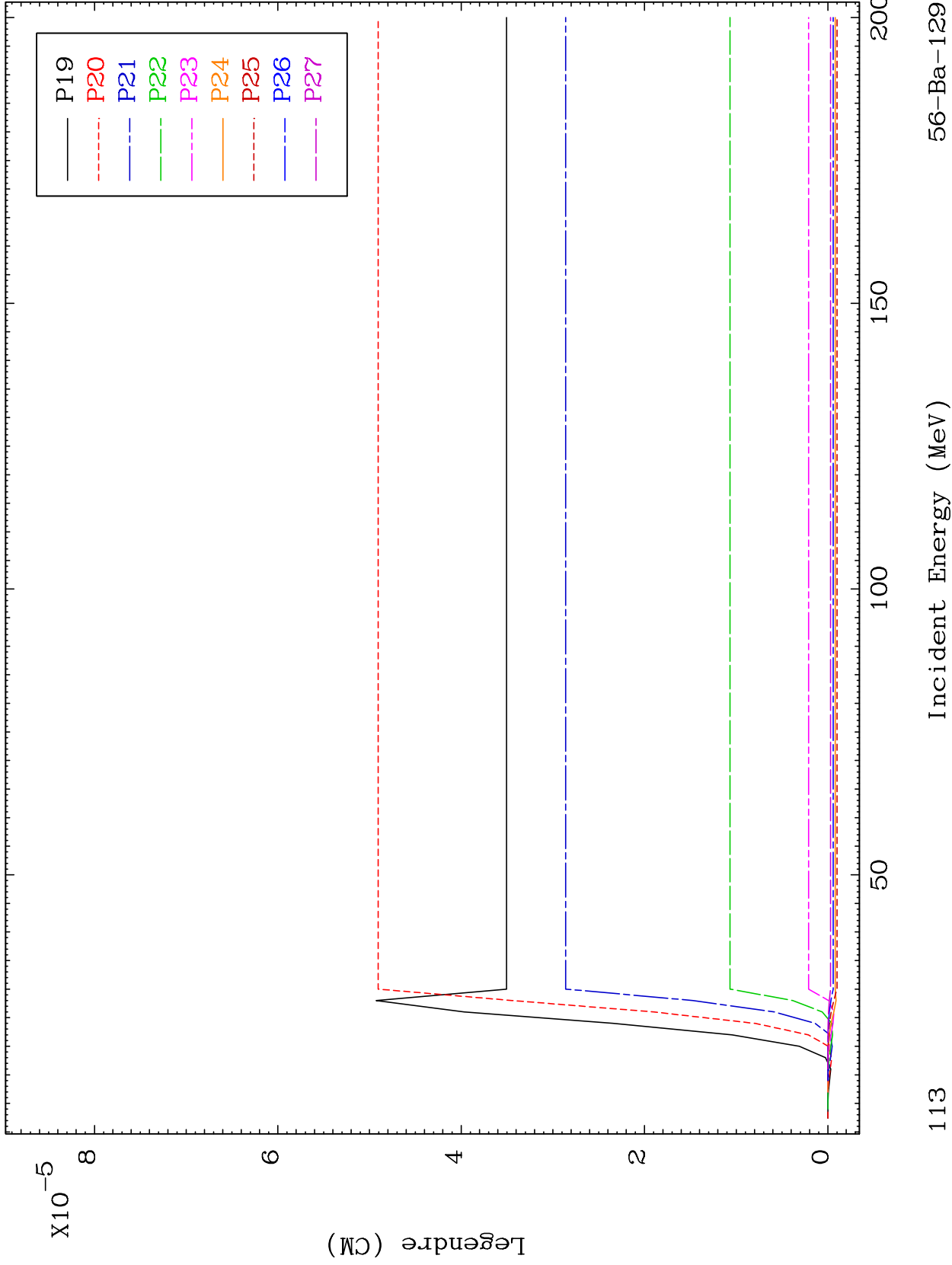


111

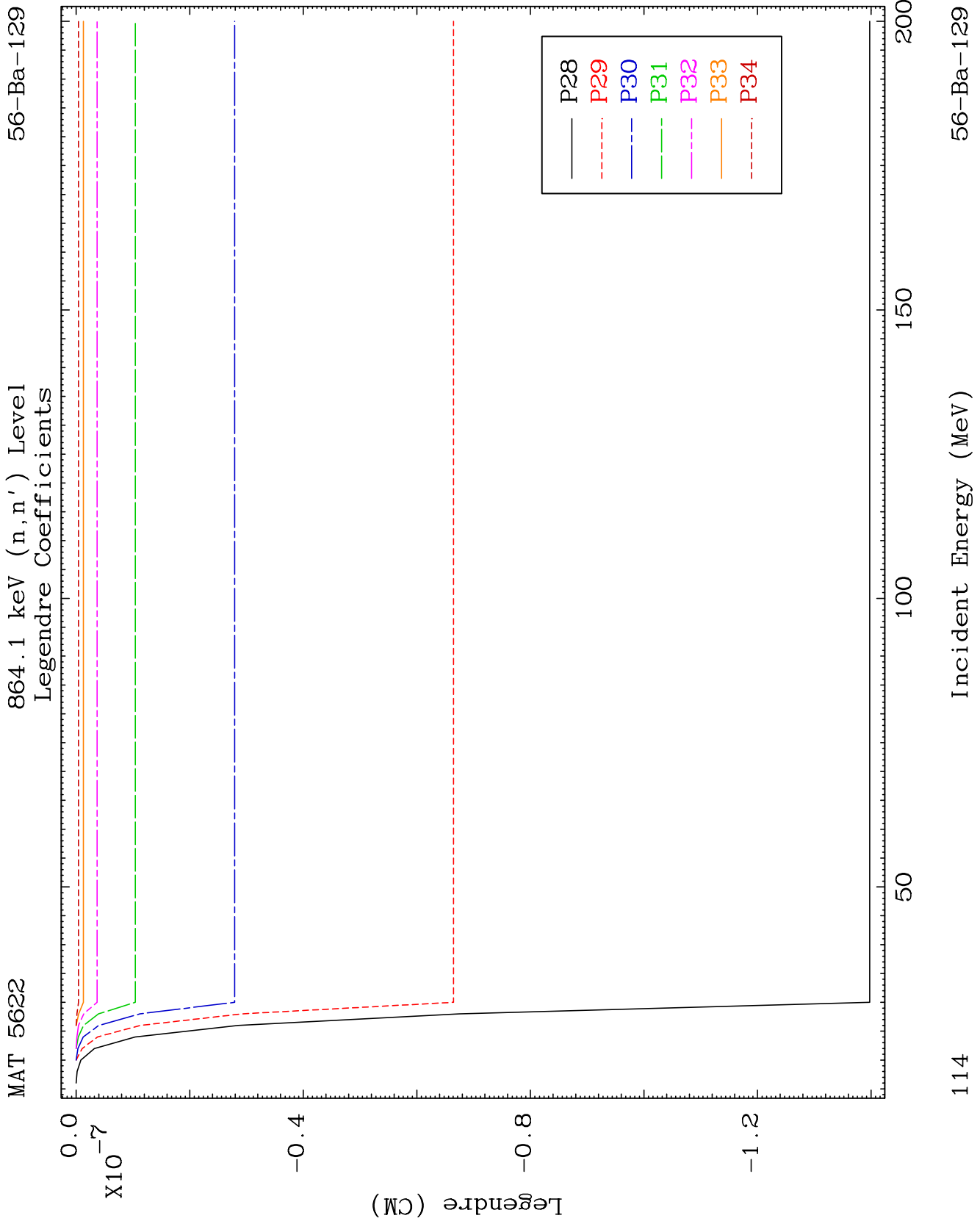
MAT 5622

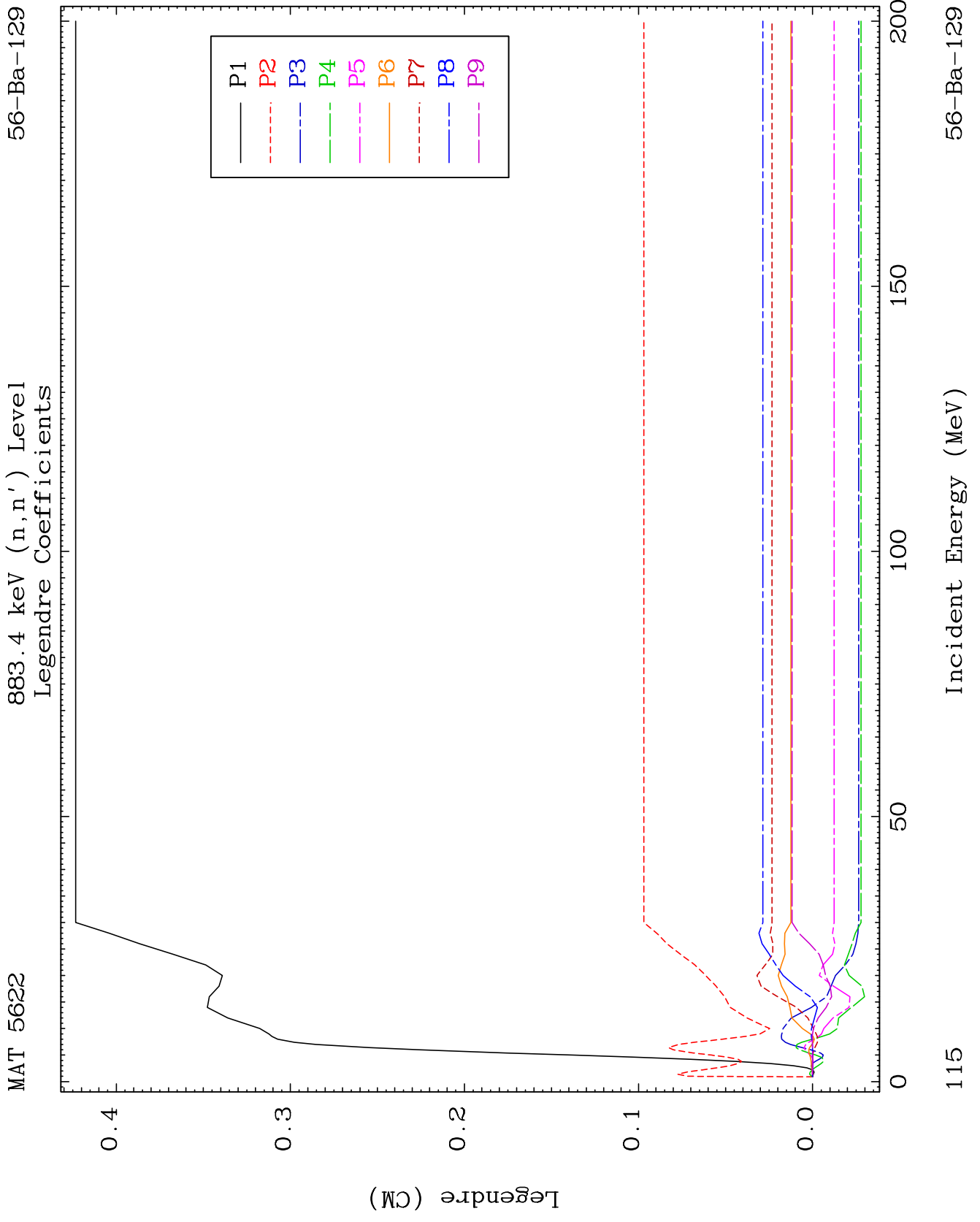
864.1 keV (n,n') Level
Legendre Coefficients

56-Ba-129



113

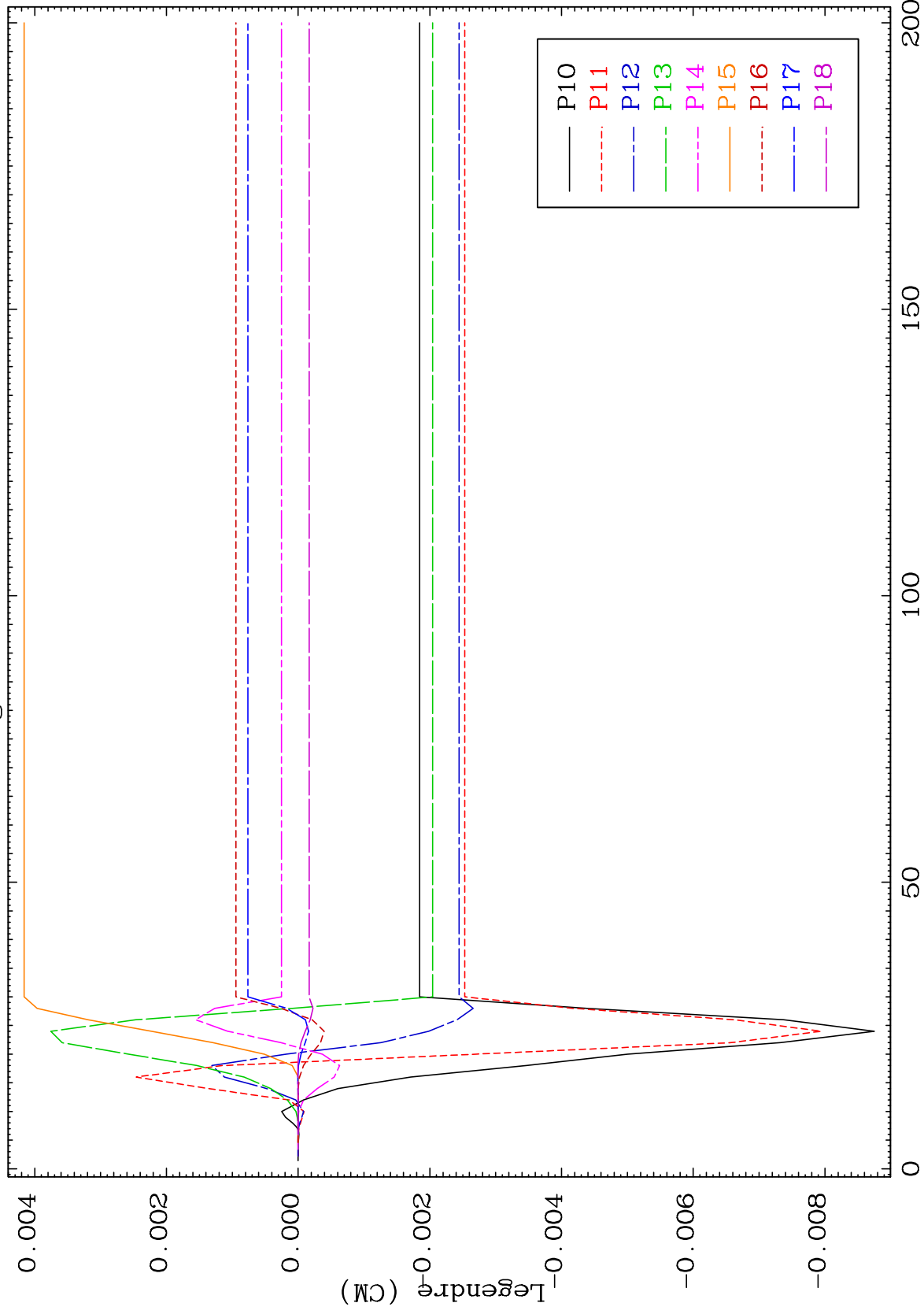




MAT 5622

883.4 keV (n,n') Level
Legendre Coefficients

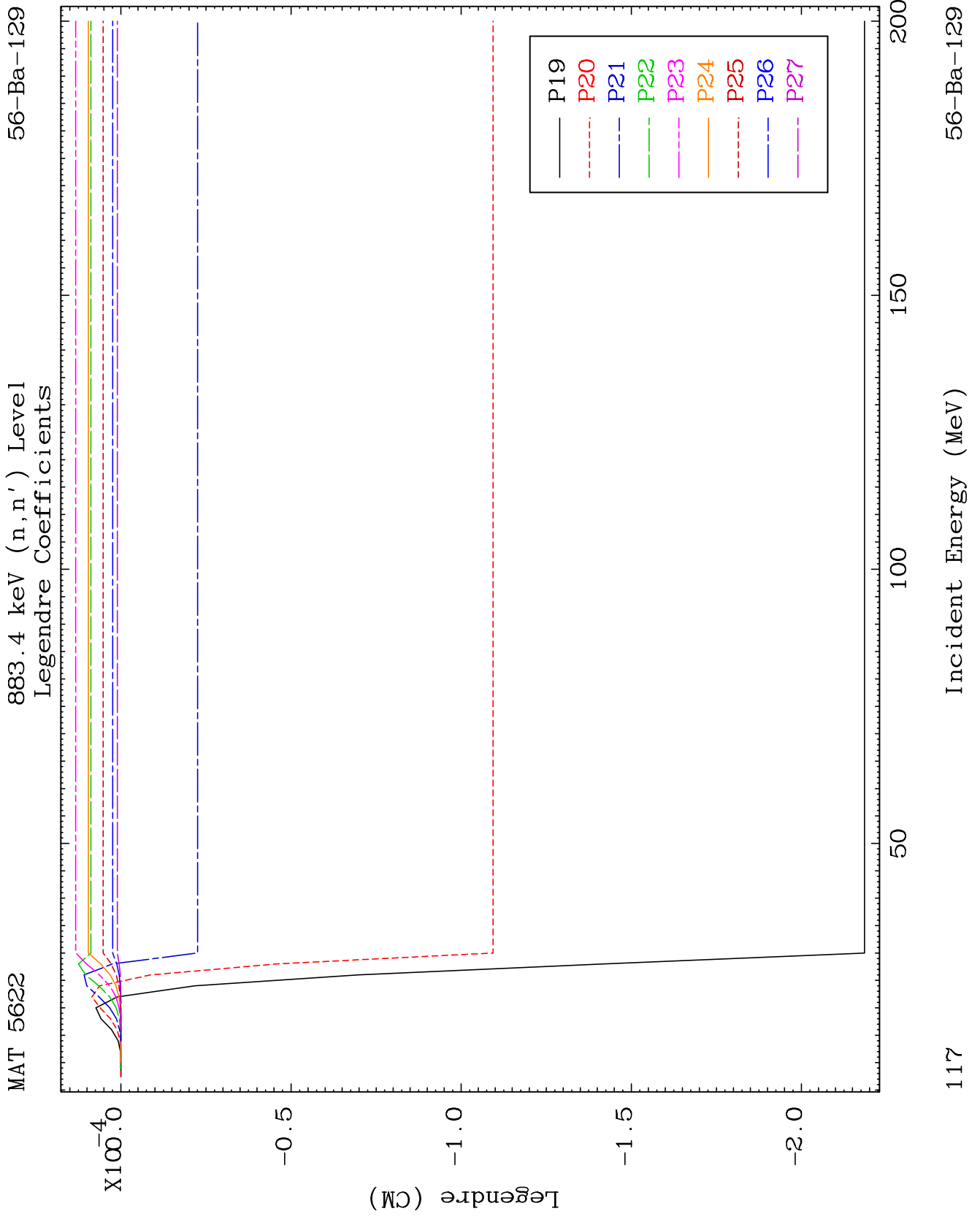
56-Ba-129



116

Incident Energy (MeV)

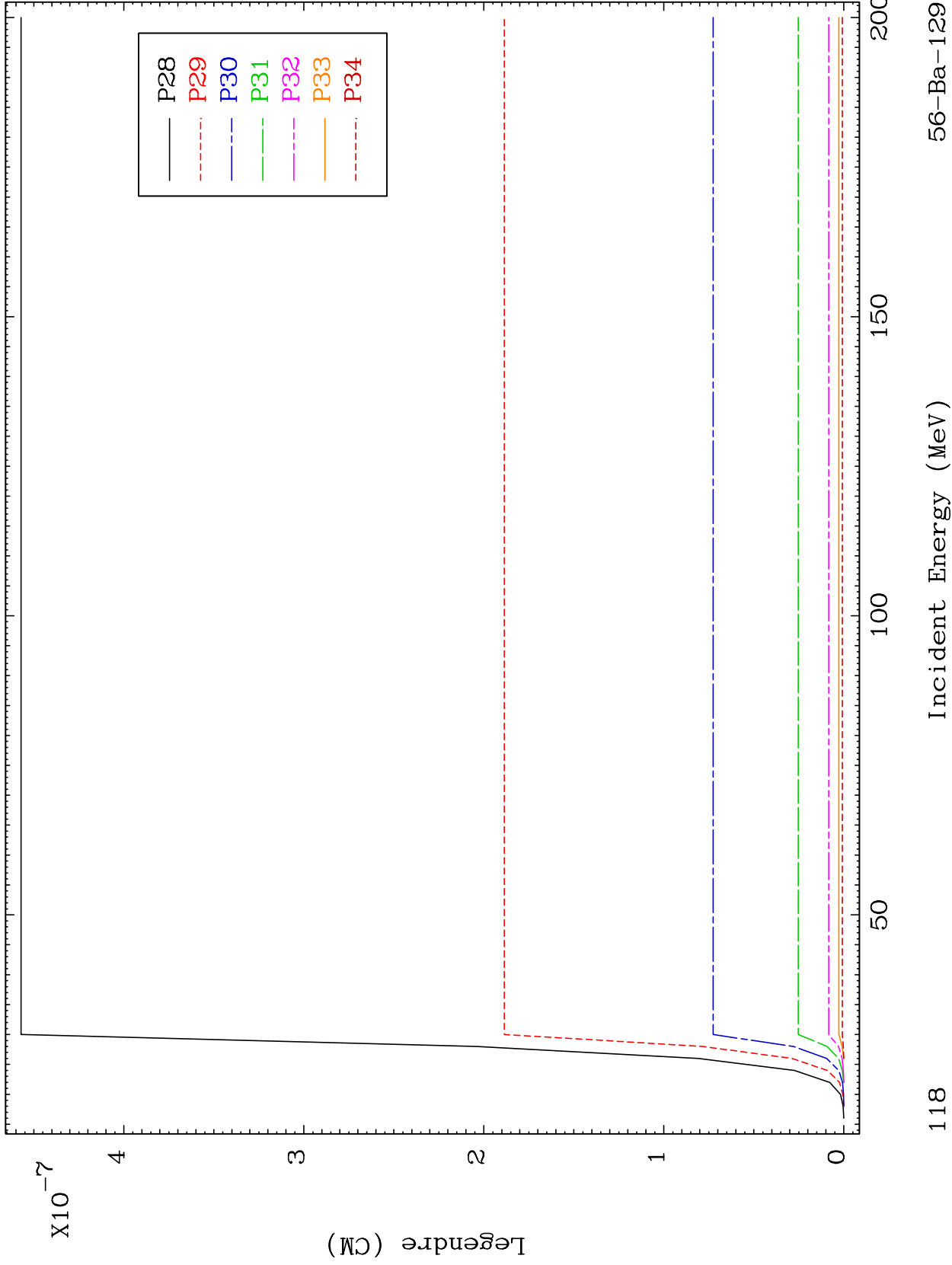
56-Ba-129



MAT 5622

883.4 keV (n,n') Level
Legendre Coefficients

56-Ba-129

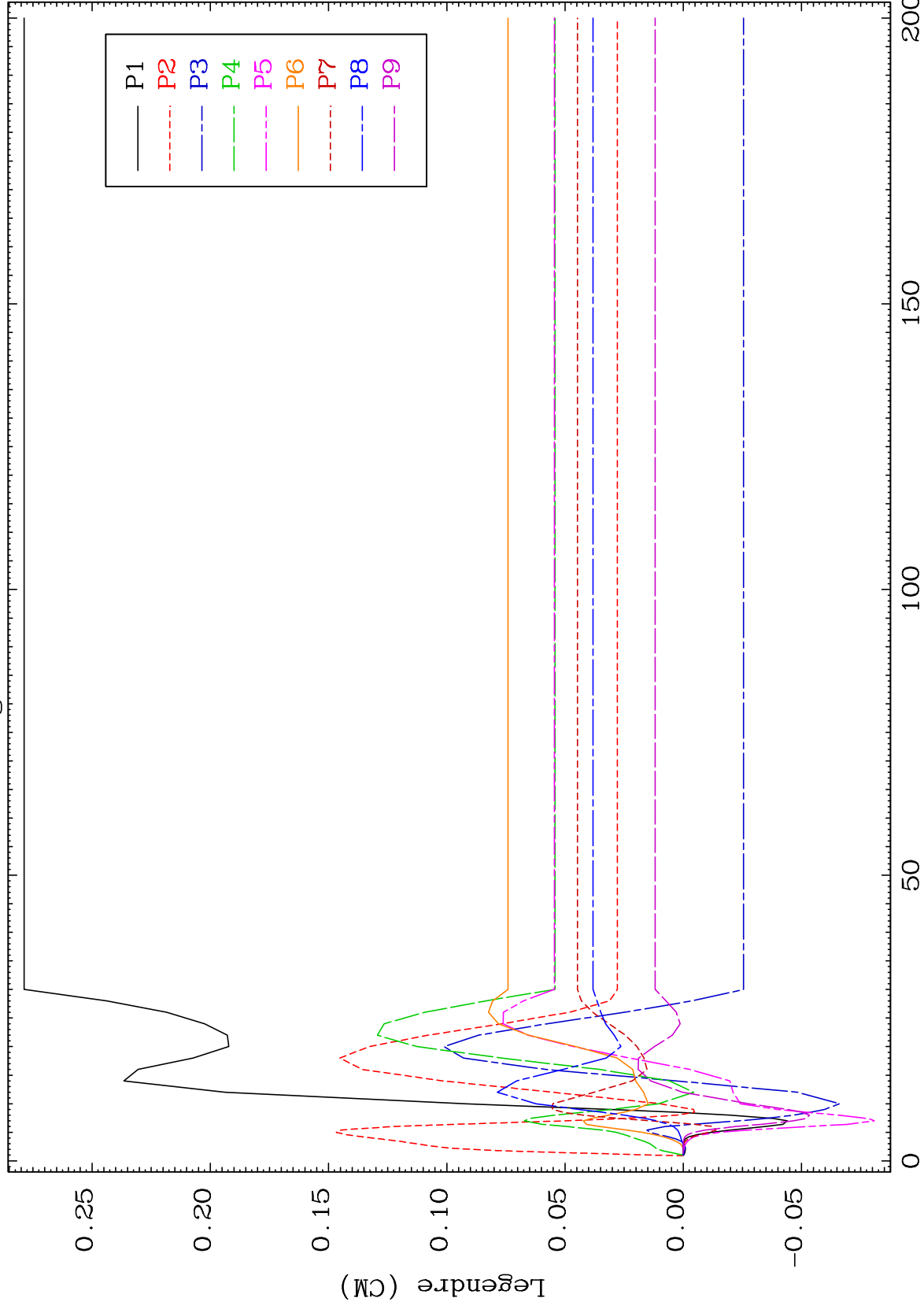


118

MAT 5622

888.6 keV (n,n') Level
Legendre Coefficients

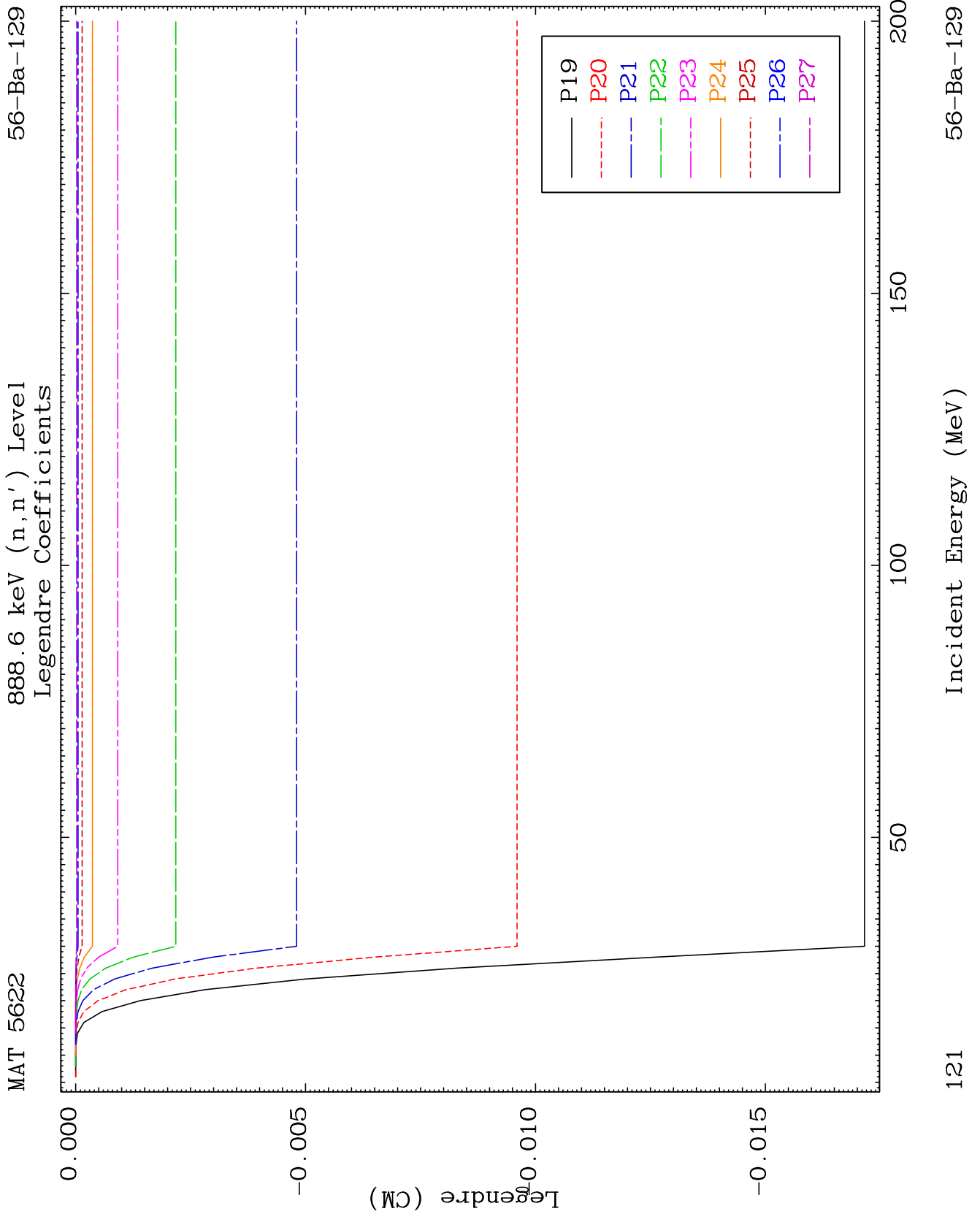
56-Ba-129

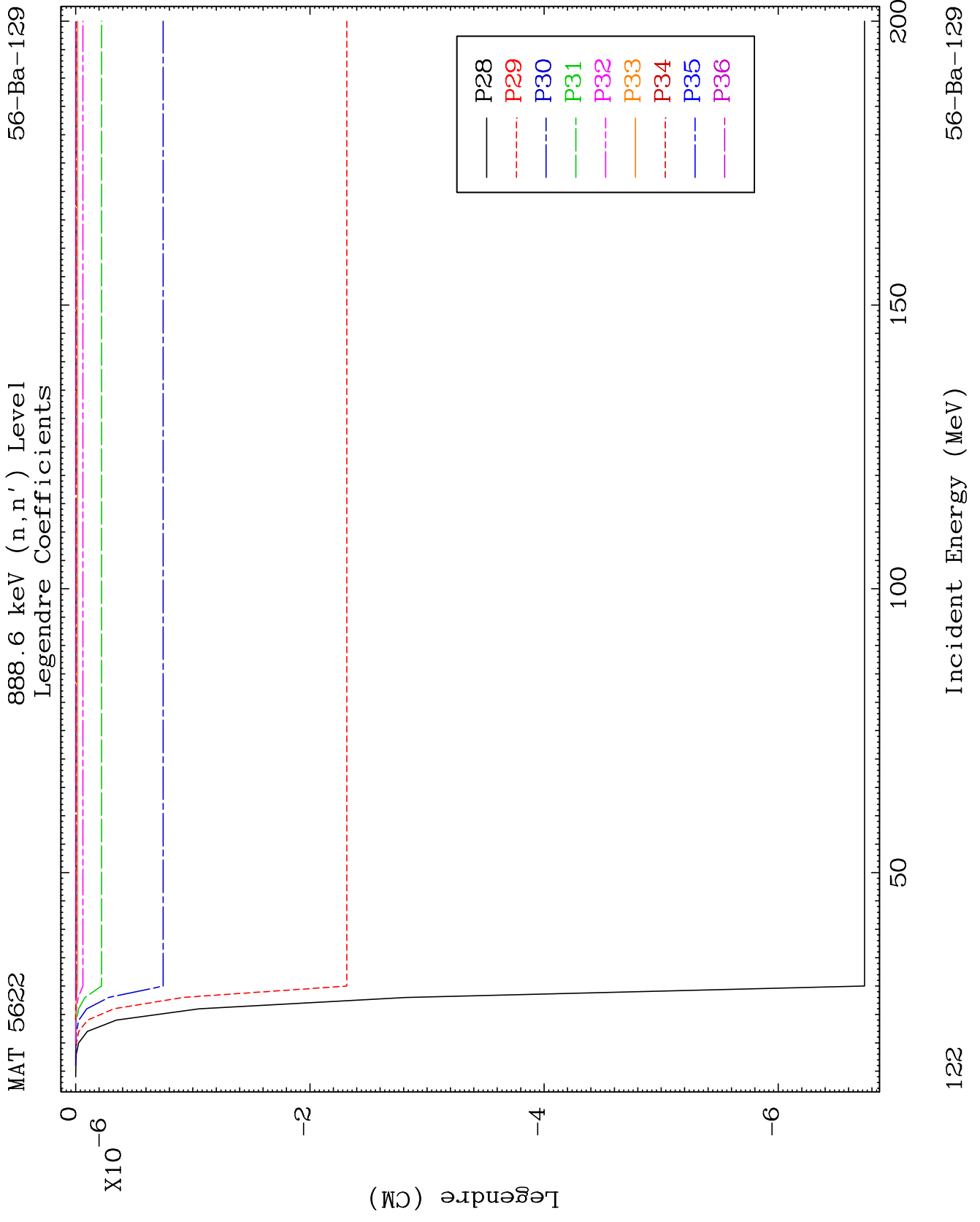


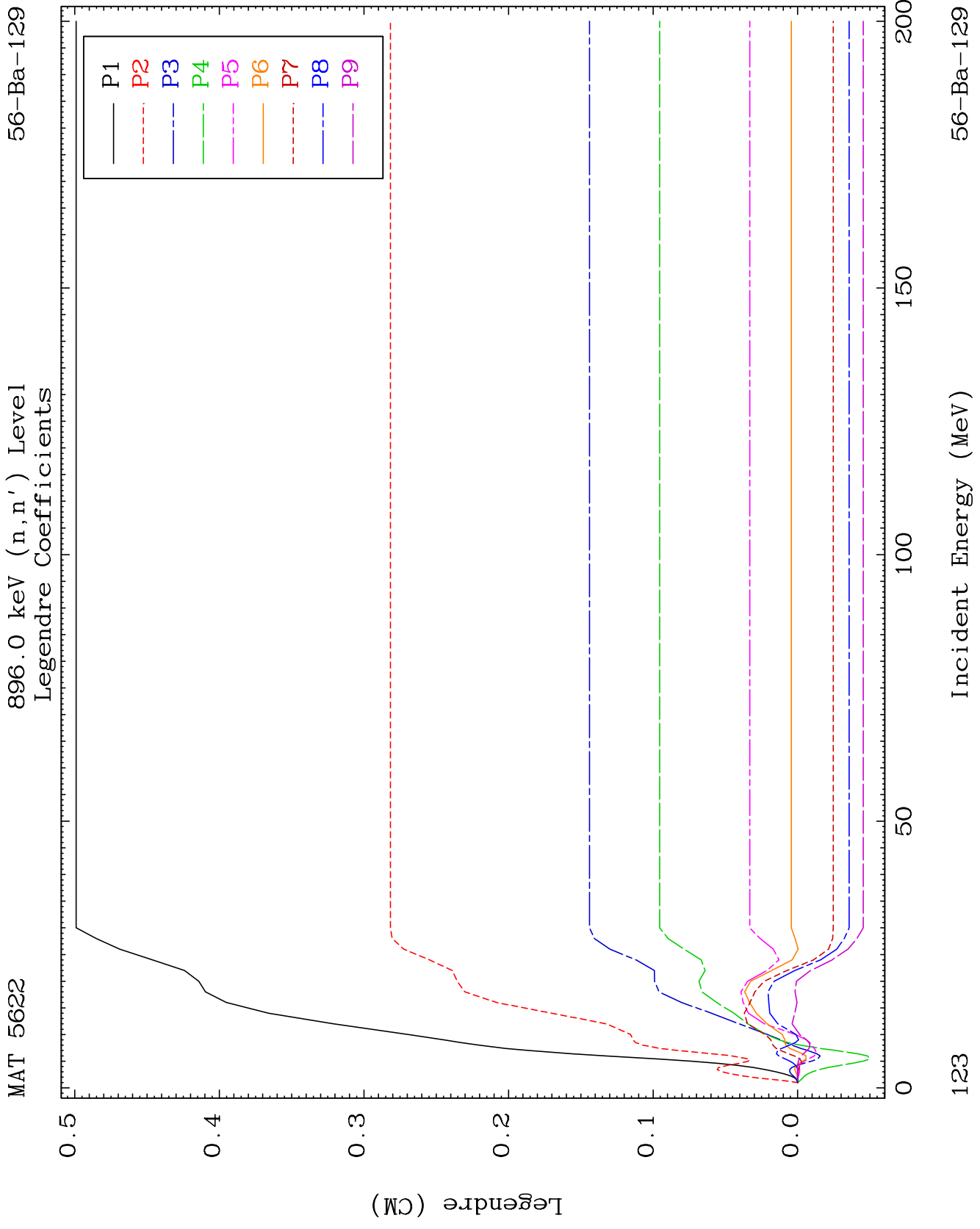
119

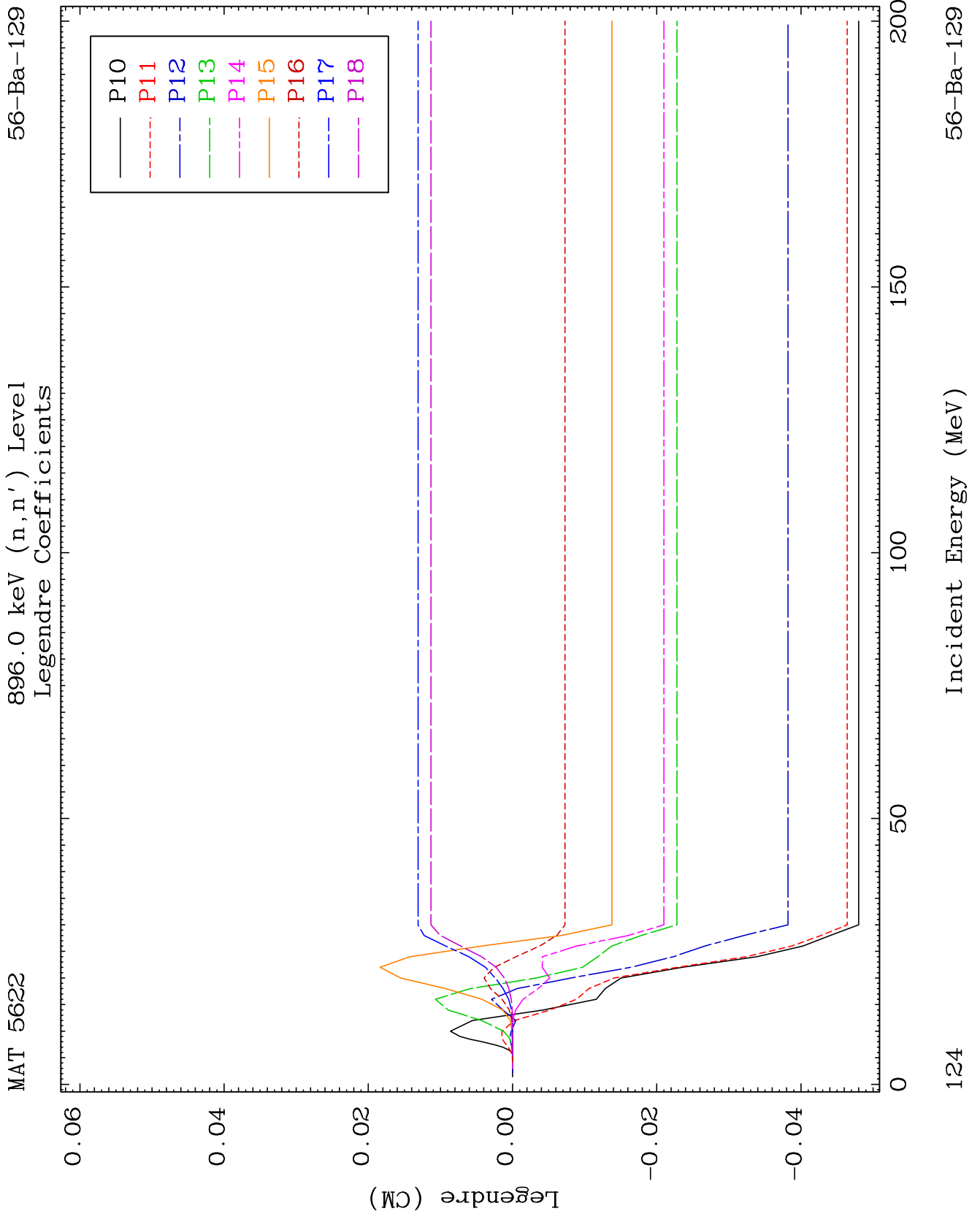
Incident Energy (MeV)

56-Ba-129





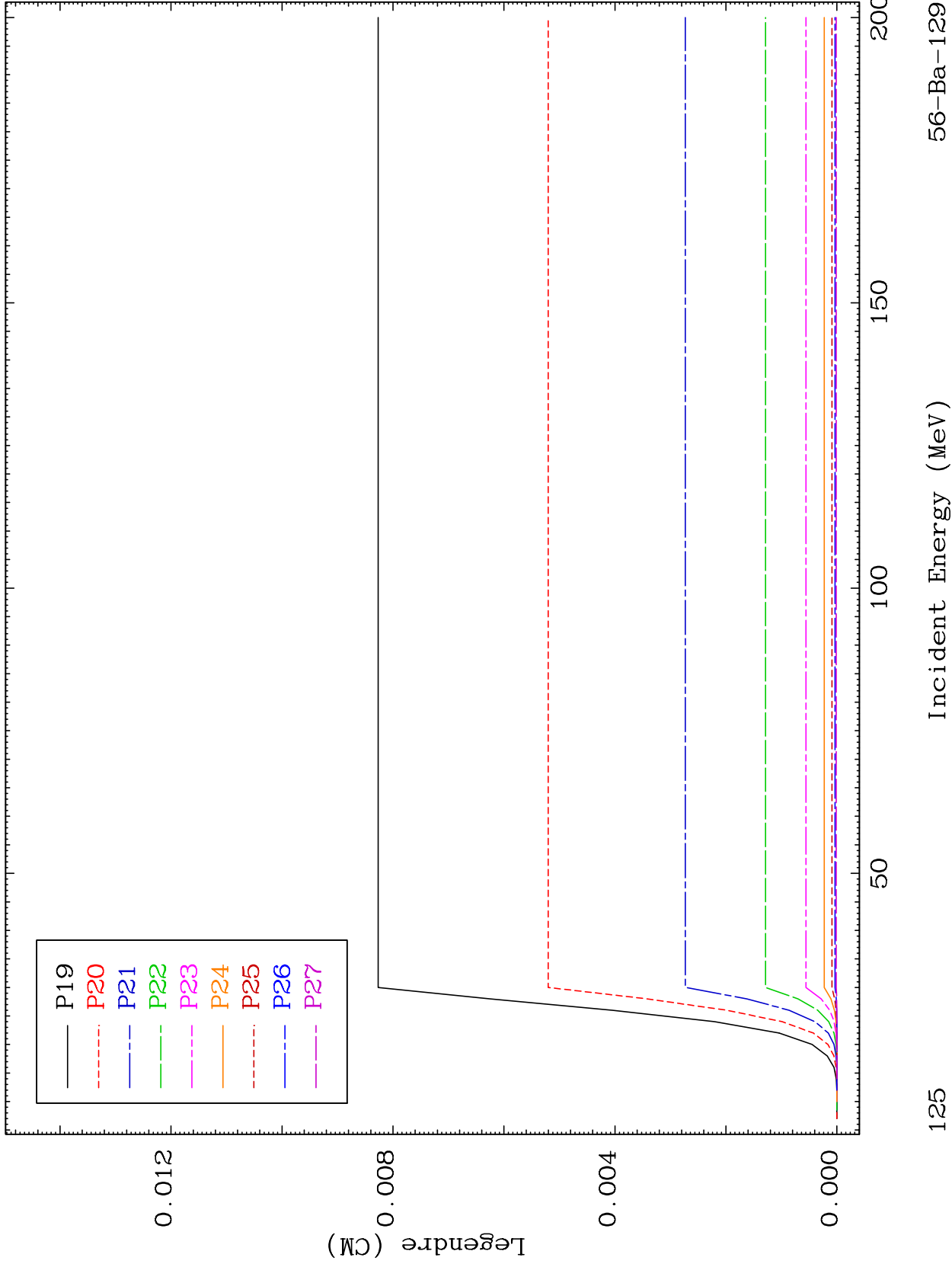




MAT 5622

896.0 keV (n,n') Level
Legendre Coefficients

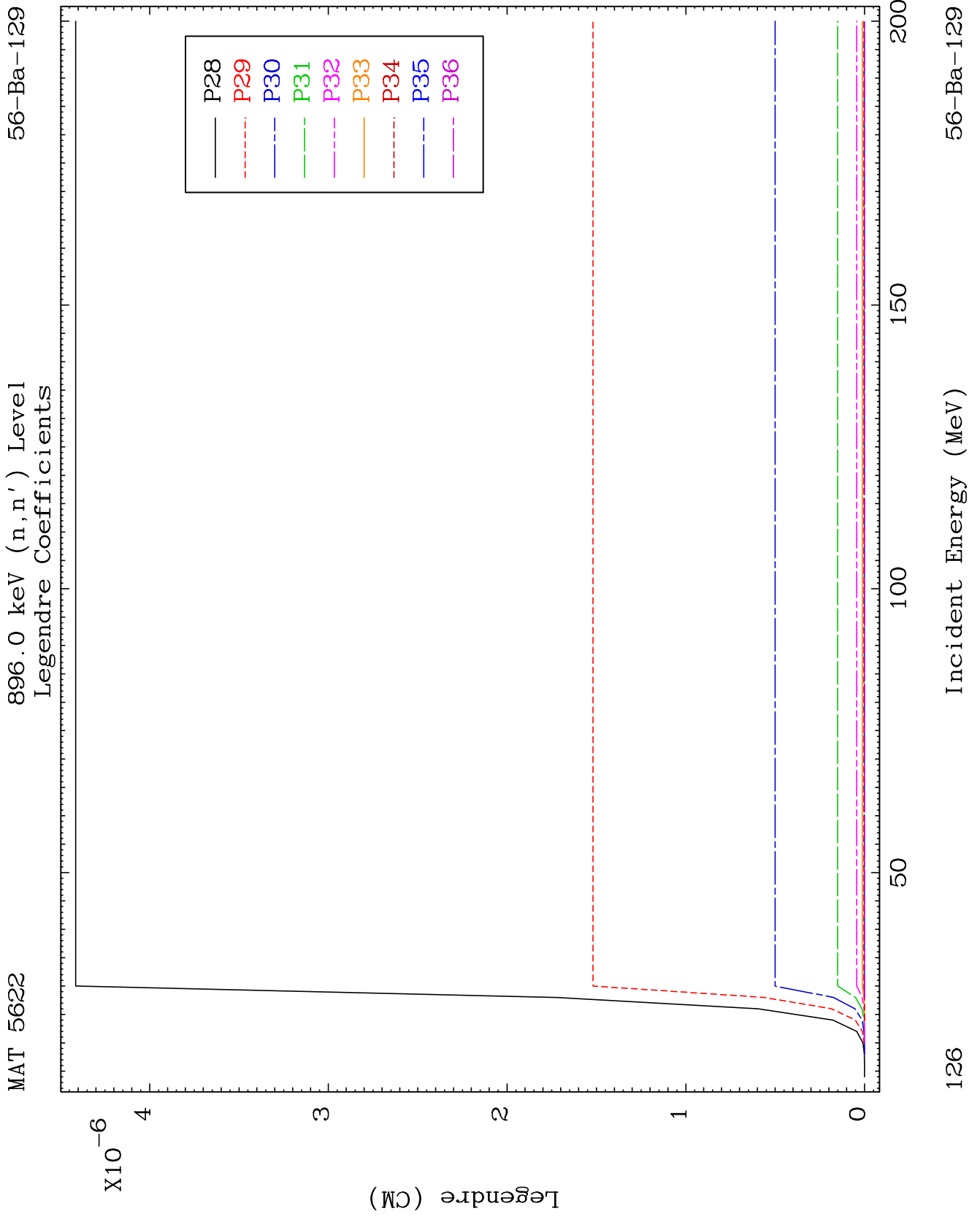
56-Ba-129



56-Ba-129

Incident Energy (MeV)

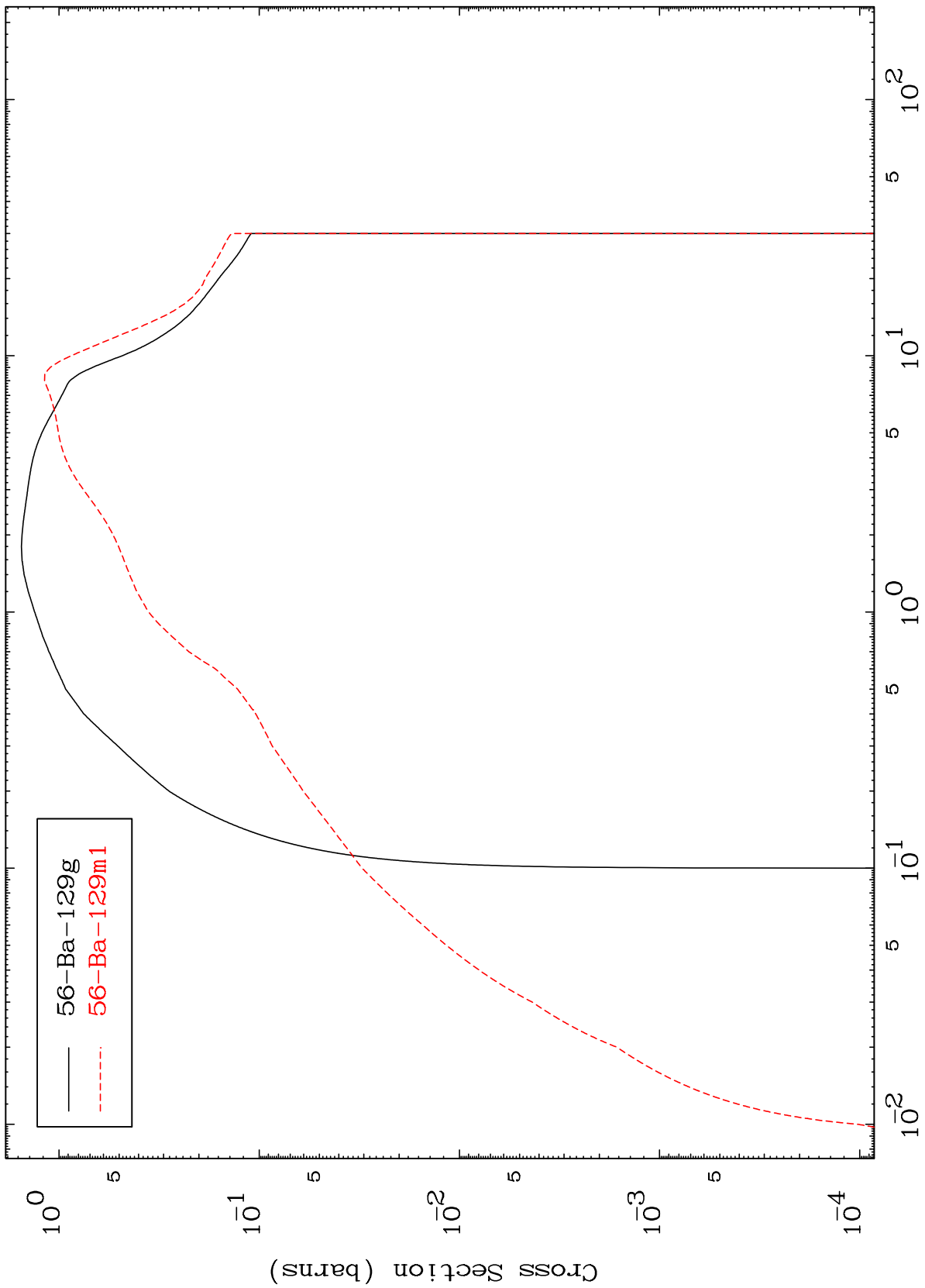
125



MAT 5622

56-Ba-129

Inelastic
Radionuclide Production Cross Section



— 56-Ba-129g
- - - 56-Ba-129m1

56-Ba-129

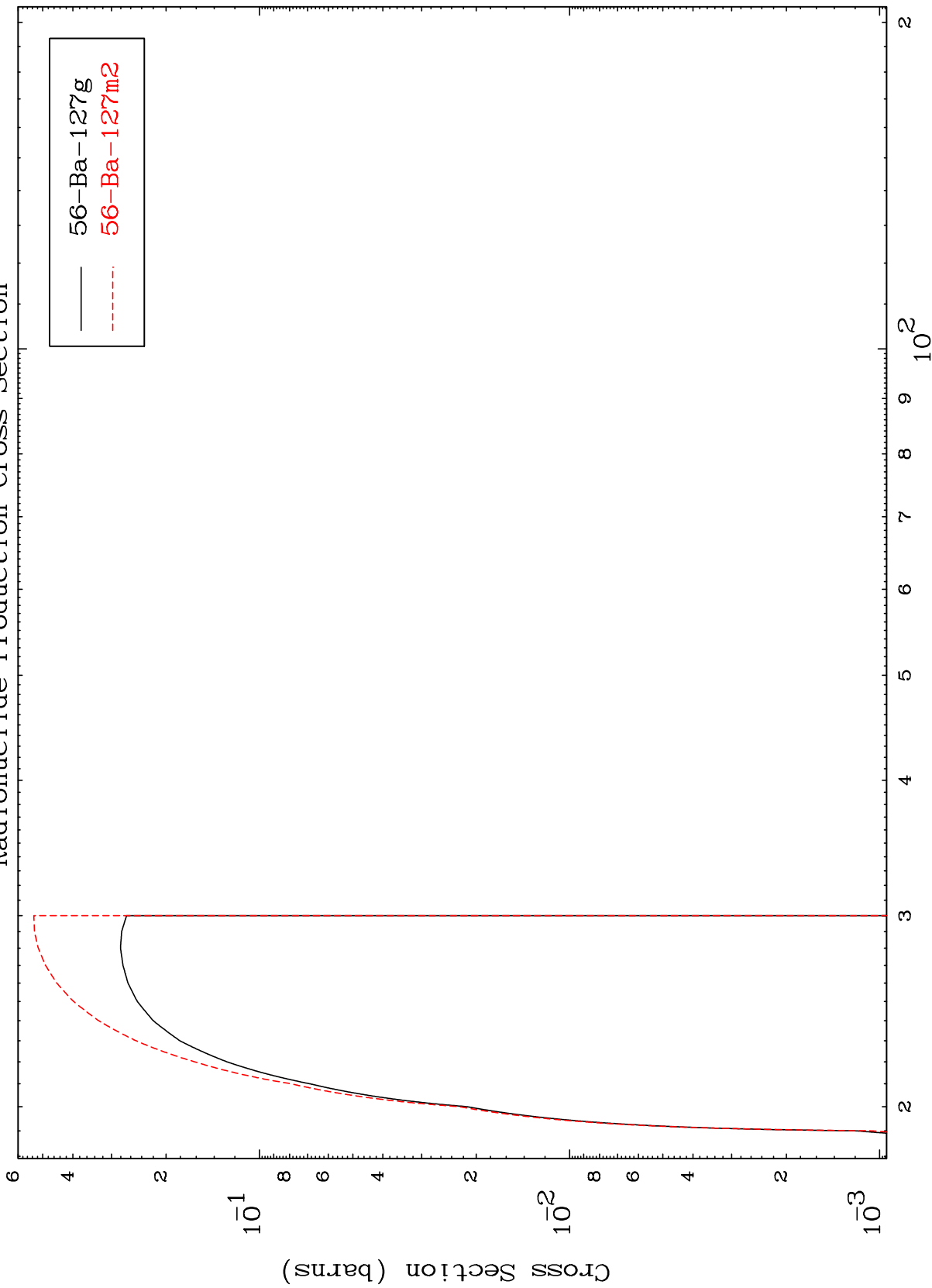
Incident Energy (MeV)

127

MAT 5622

56-Ba-129

(n,3n)
Radionuclide Production Cross Section



56-Ba-129

Incident Energy (MeV)

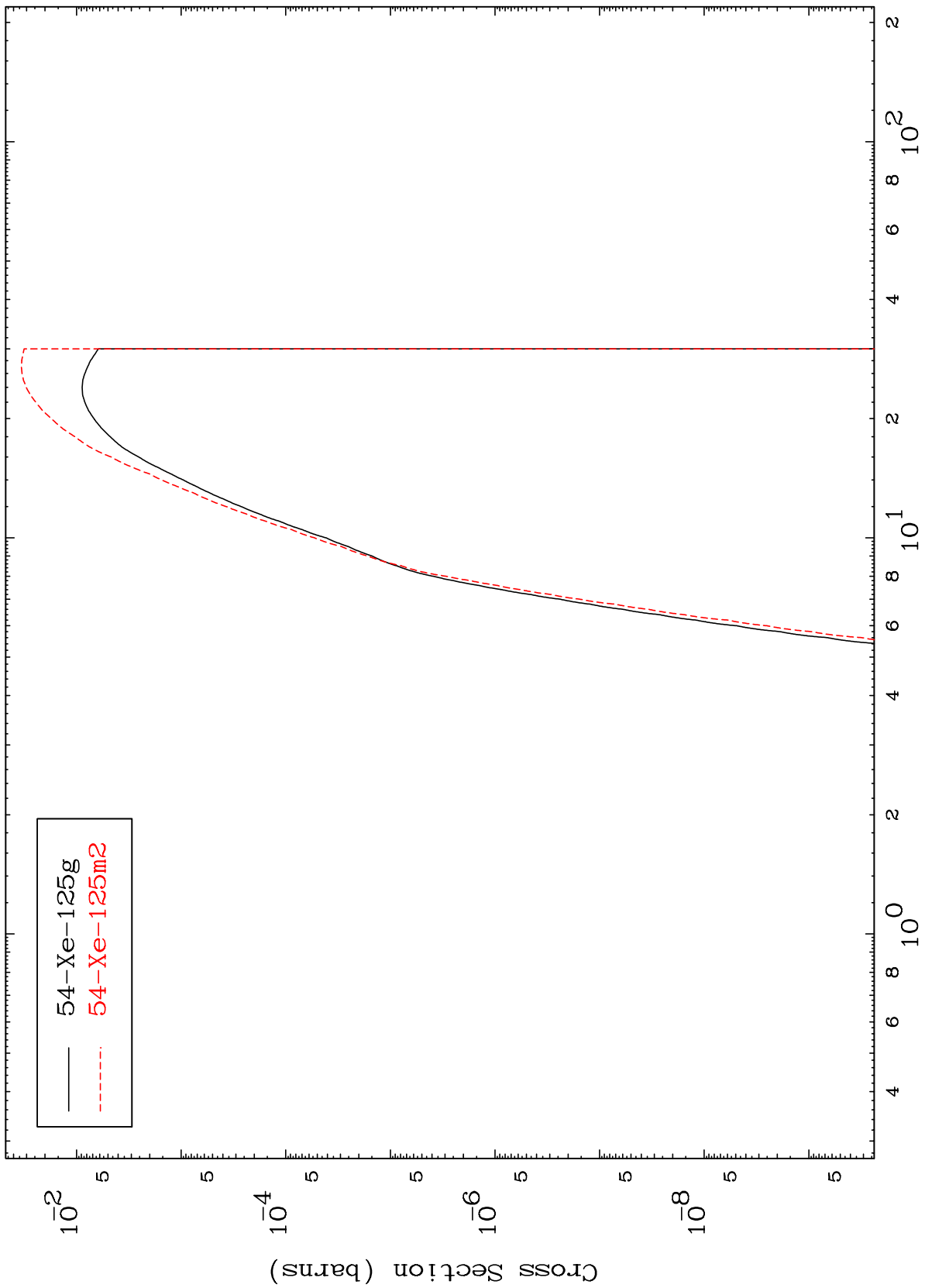
128

MAT 5622

(n,n') α

56-Ba-129

Radionuclide Production Cross Section



129

Incident Energy (MeV)

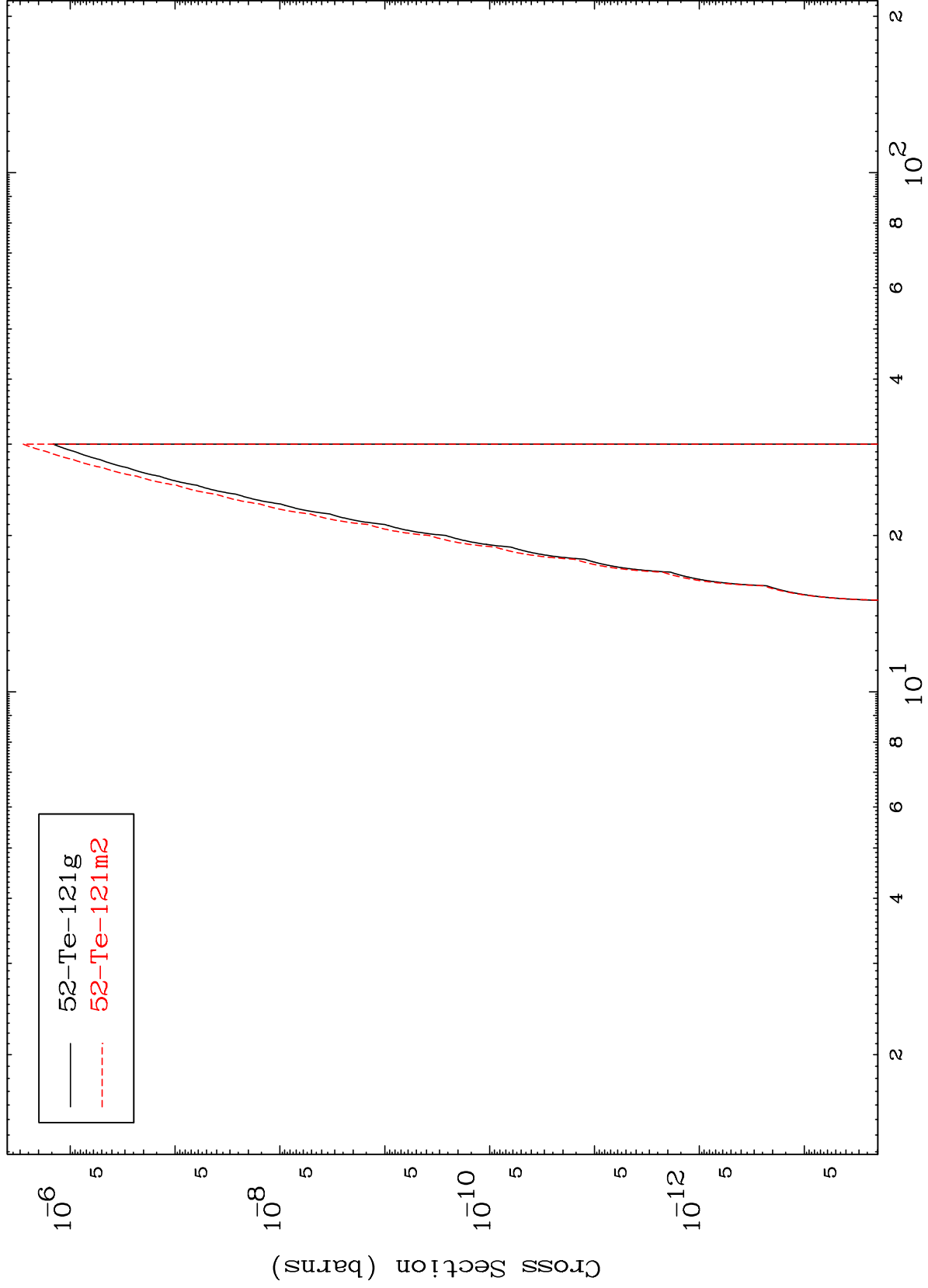
56-Ba-129

MAT 5622

(n,n') 2α

56-Ba-129

Radionuclide Production Cross Section



130

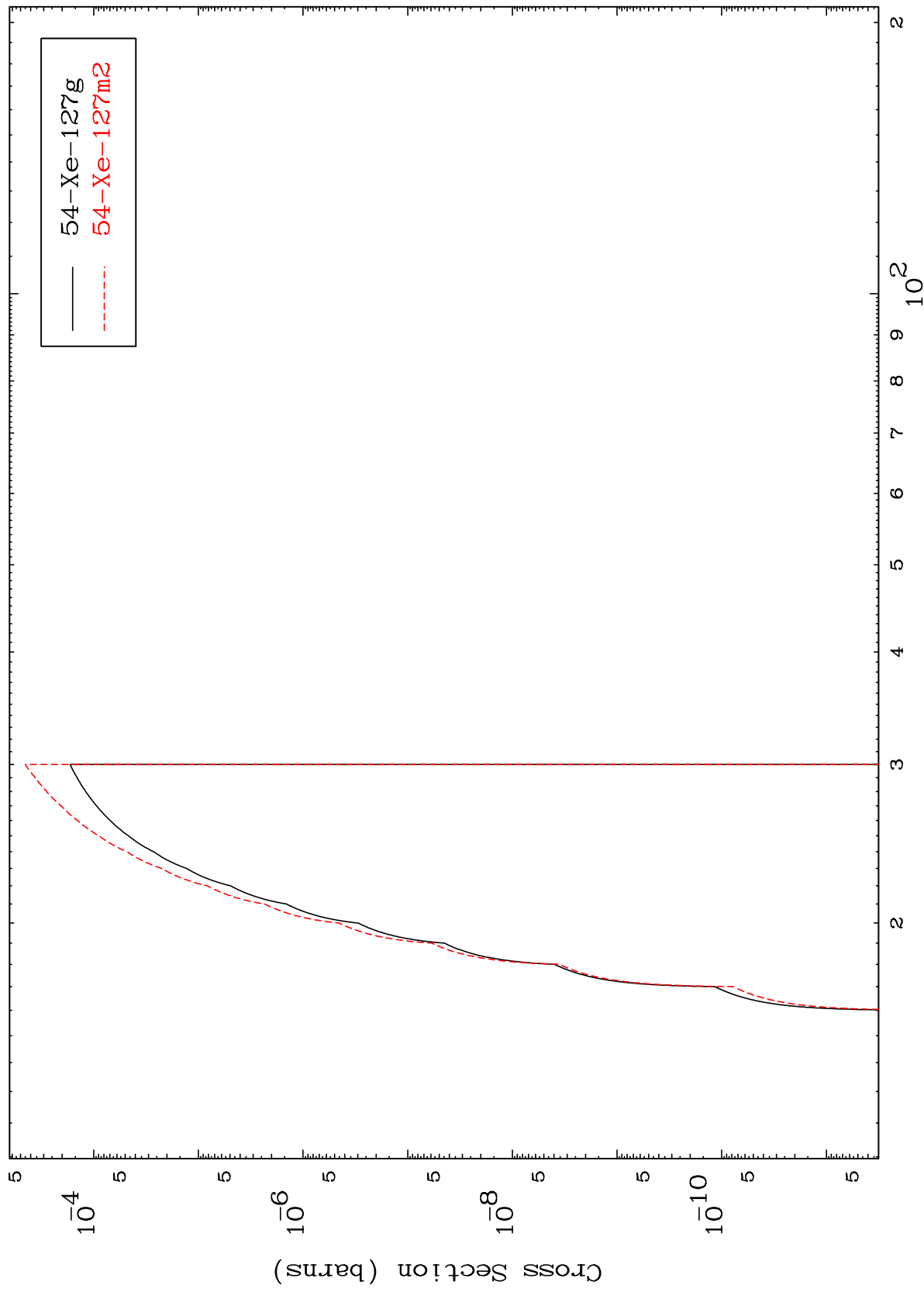
Incident Energy (MeV)

56-Ba-129

MAT 5622

56-Ba-129

(n,2n) p
Radionuclide Production Cross Section



56-Ba-129

Incident Energy (MeV)

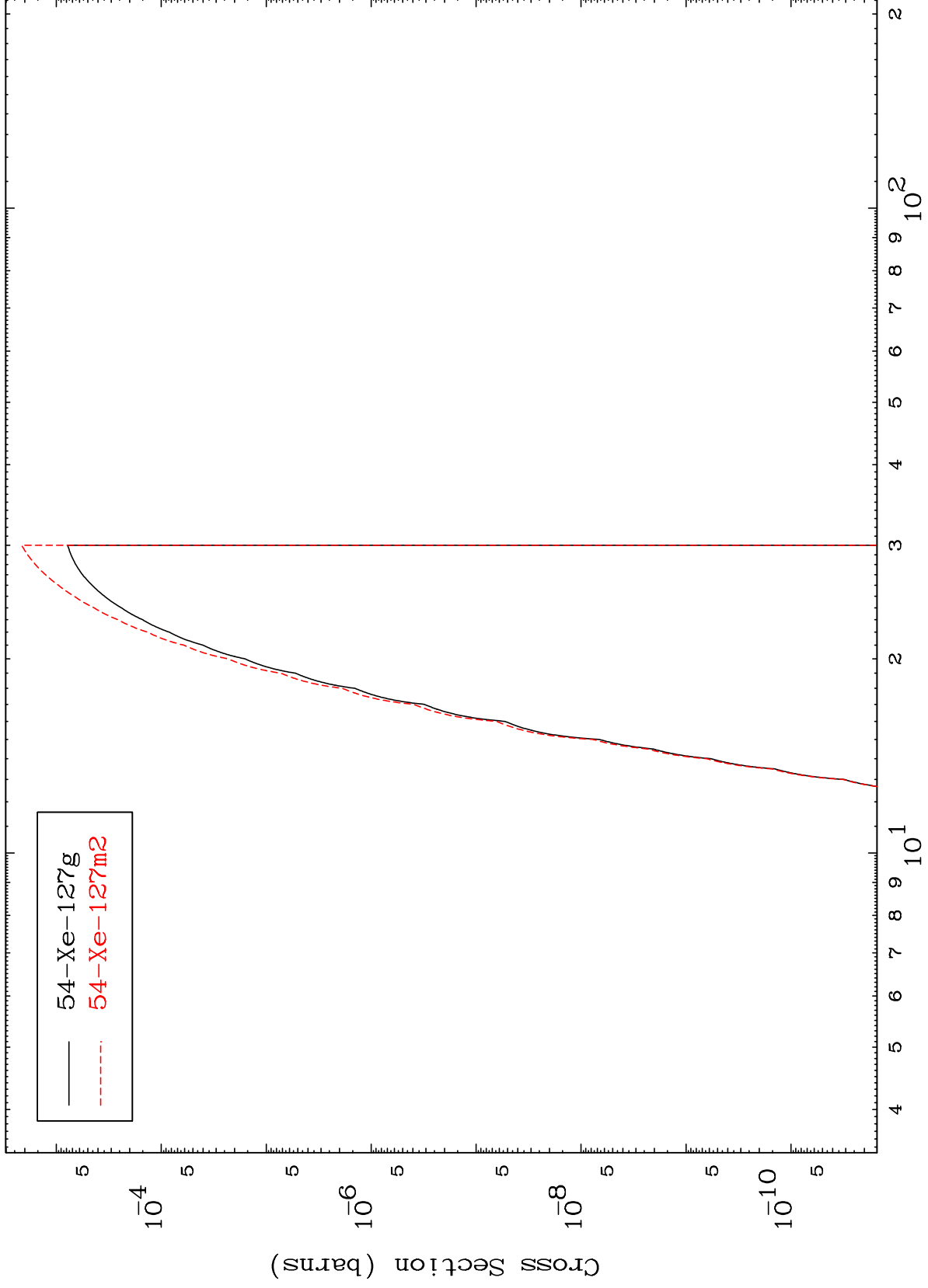
131

MAT 5622

(n,He-3)

56-Ba-129

Radionuclide Production Cross Section



132

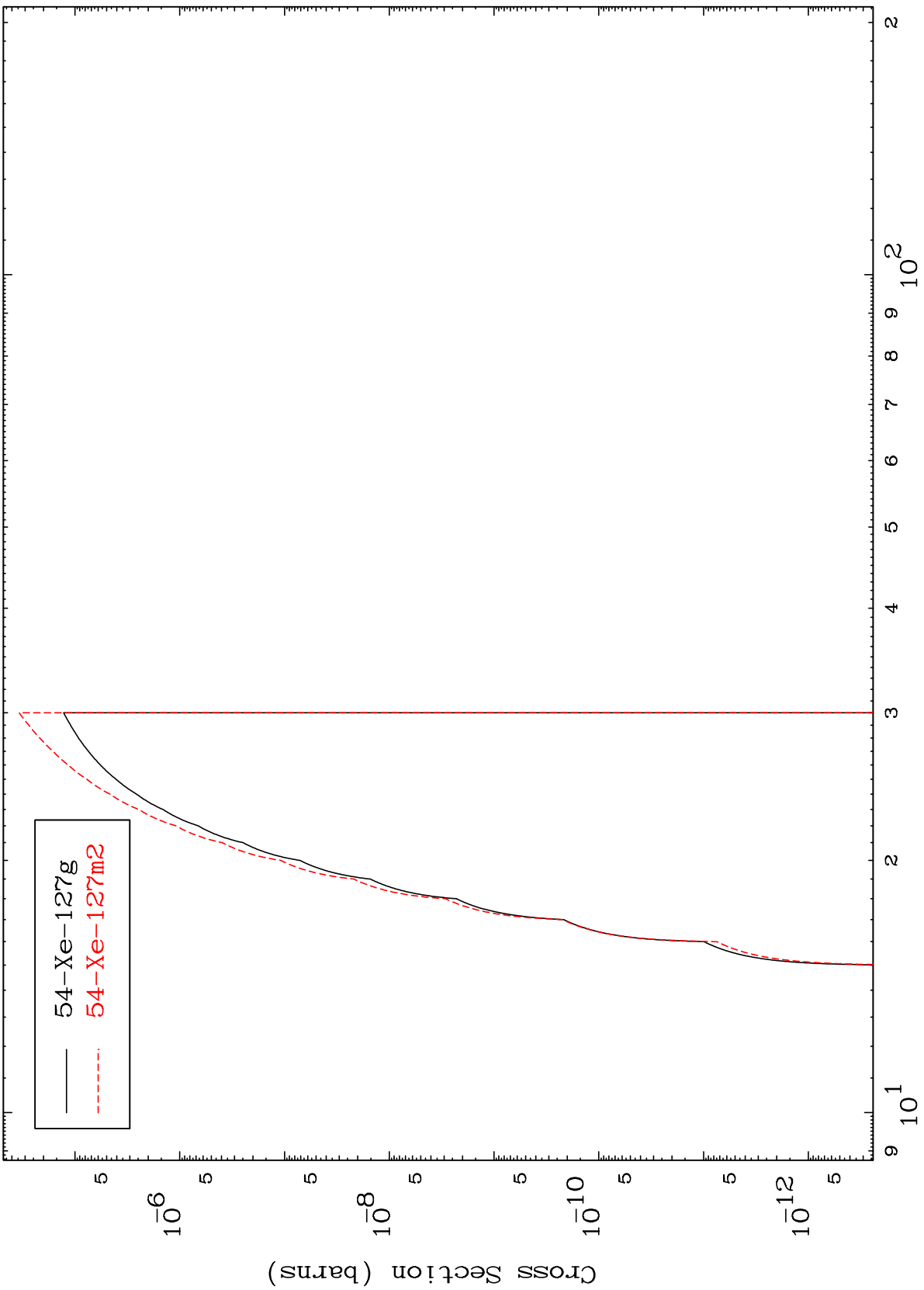
56-Ba-129

MAT 5622

(n,p) d

56-Ba-129

Radionuclide Production Cross Section



Incident Energy (MeV)

56-Ba-129

133