

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

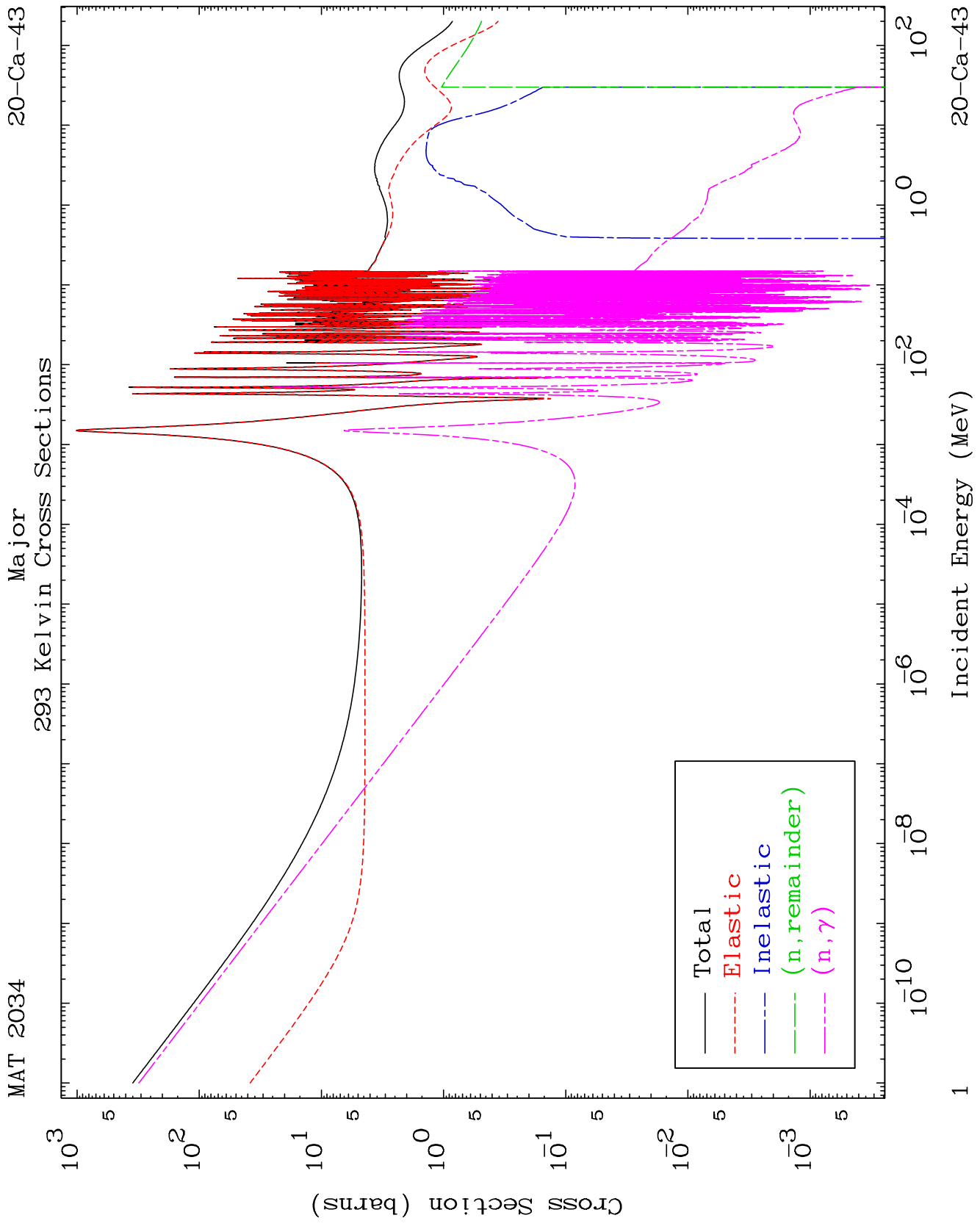
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Tele: 925-443-1911

E.Mail: redcullen1@comcast.net

Web: redcullen1.net/HOMEPAGE.NEW

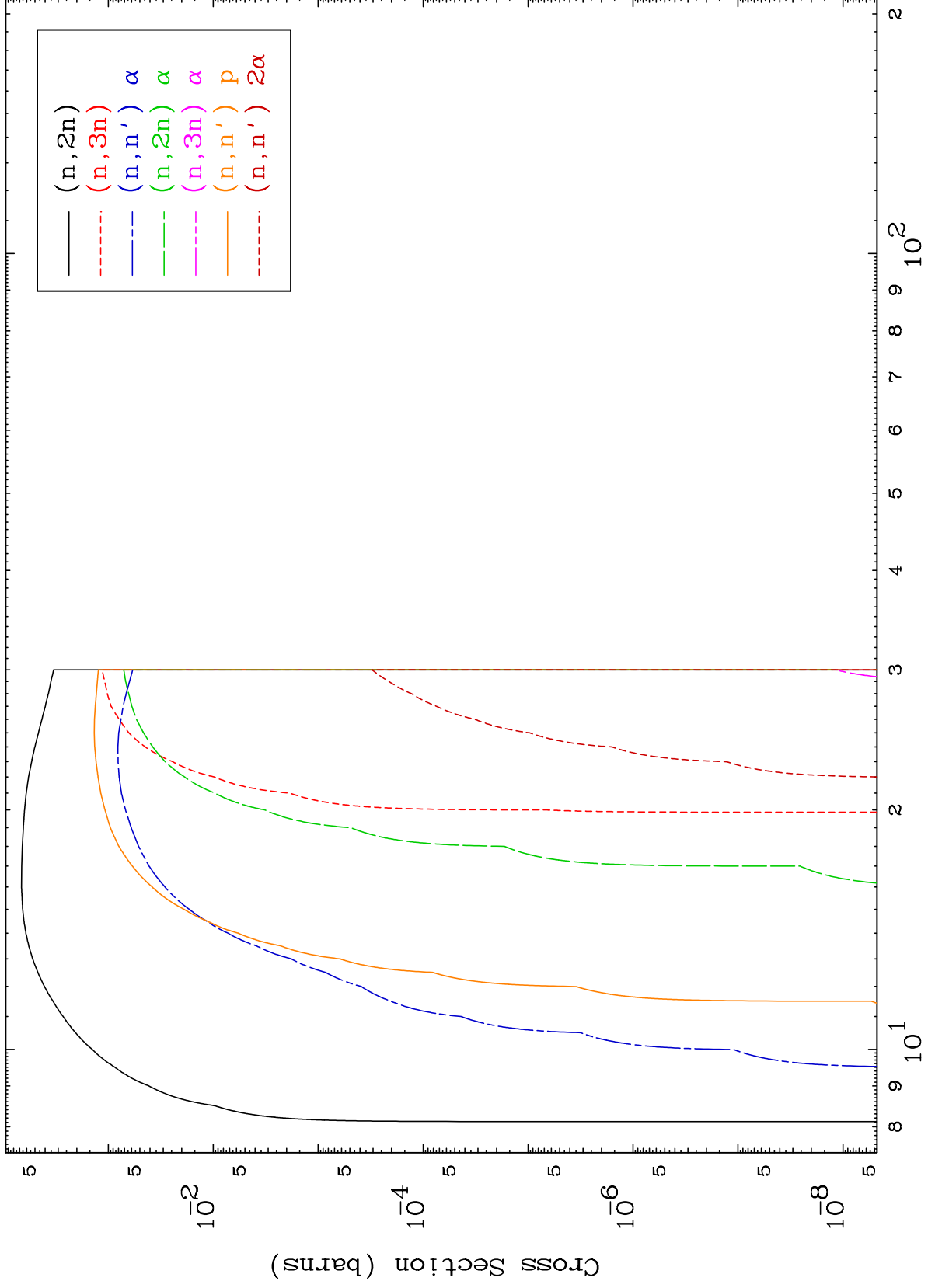
Press Mouse Button to Start



MAT 2034

Neutron Production
293 Kelvin Cross Sections

20-Ca-43



20-Ca-43

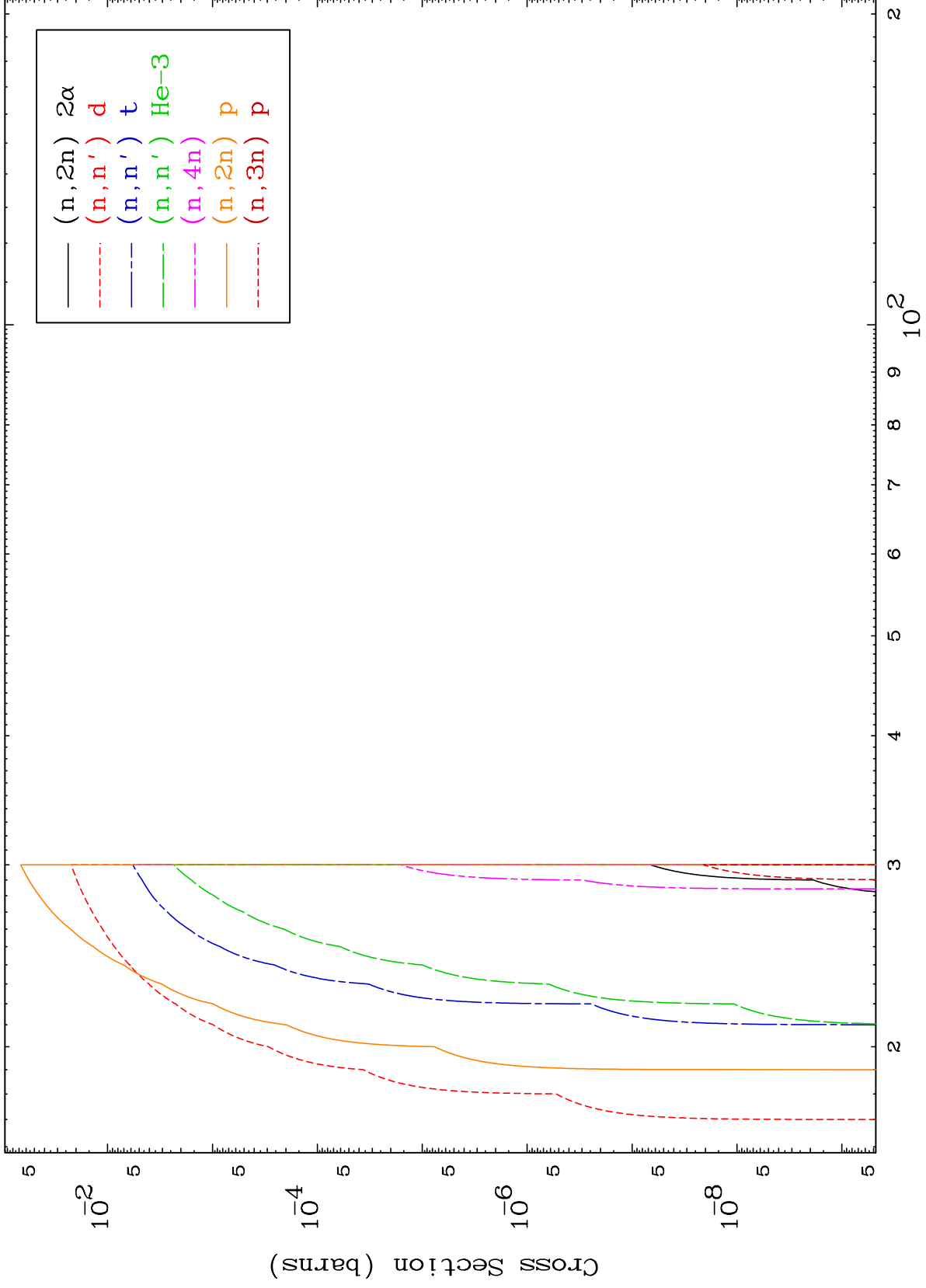
Incident Energy (MeV)

2

MAT 2034

Neutron Production 293 Kelvin Cross Sections

20-Ca-43



3

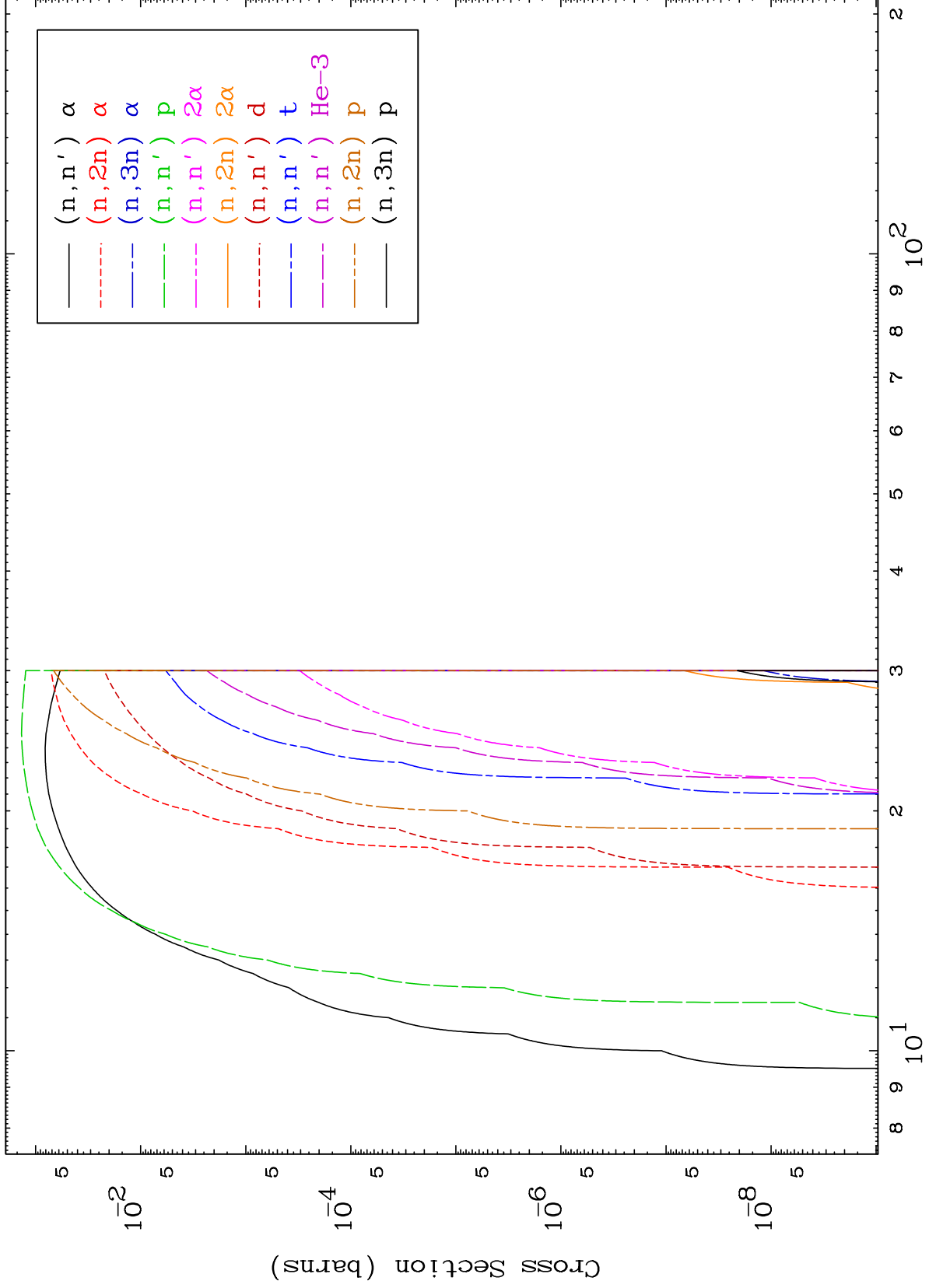
Incident Energy (MeV)

20-Ca-43

MAT 2034

Charged Particle
293 Kelvin Cross Sections

20-Ca-43



4

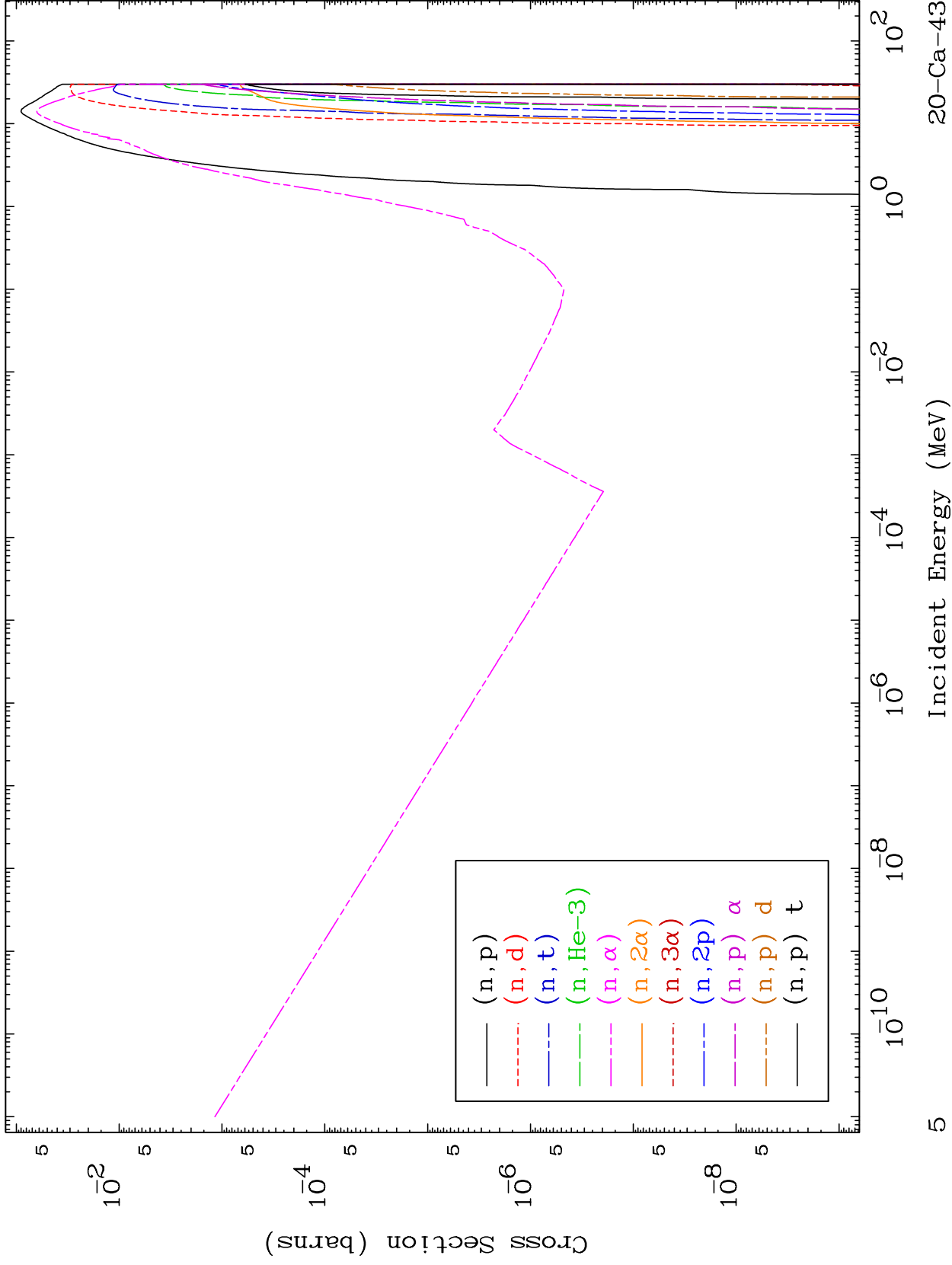
Incident Energy (MeV)

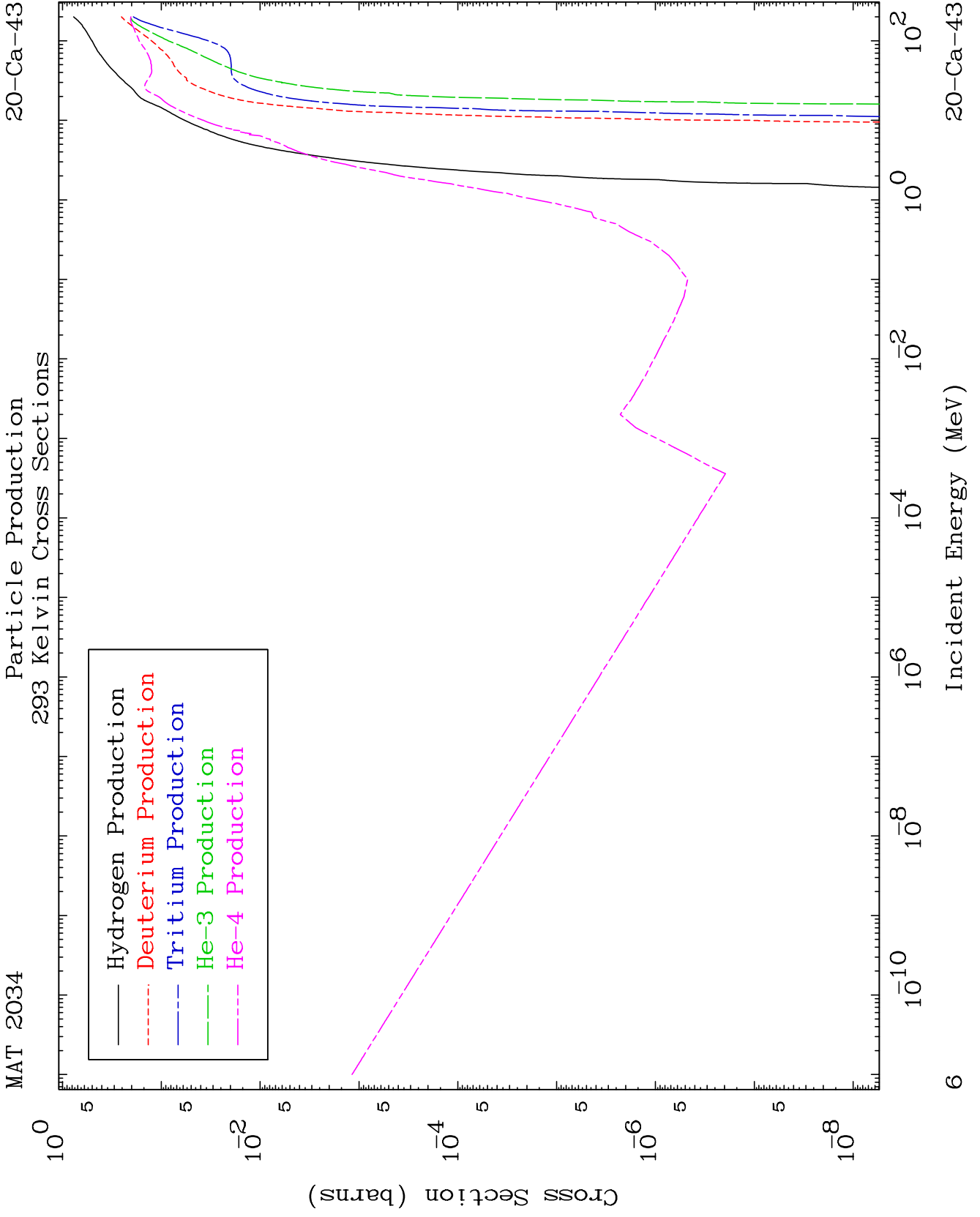
20-Ca-43

MAT 2034

Charged Particle
293 Kelvin Cross Sections

20-Ca-43



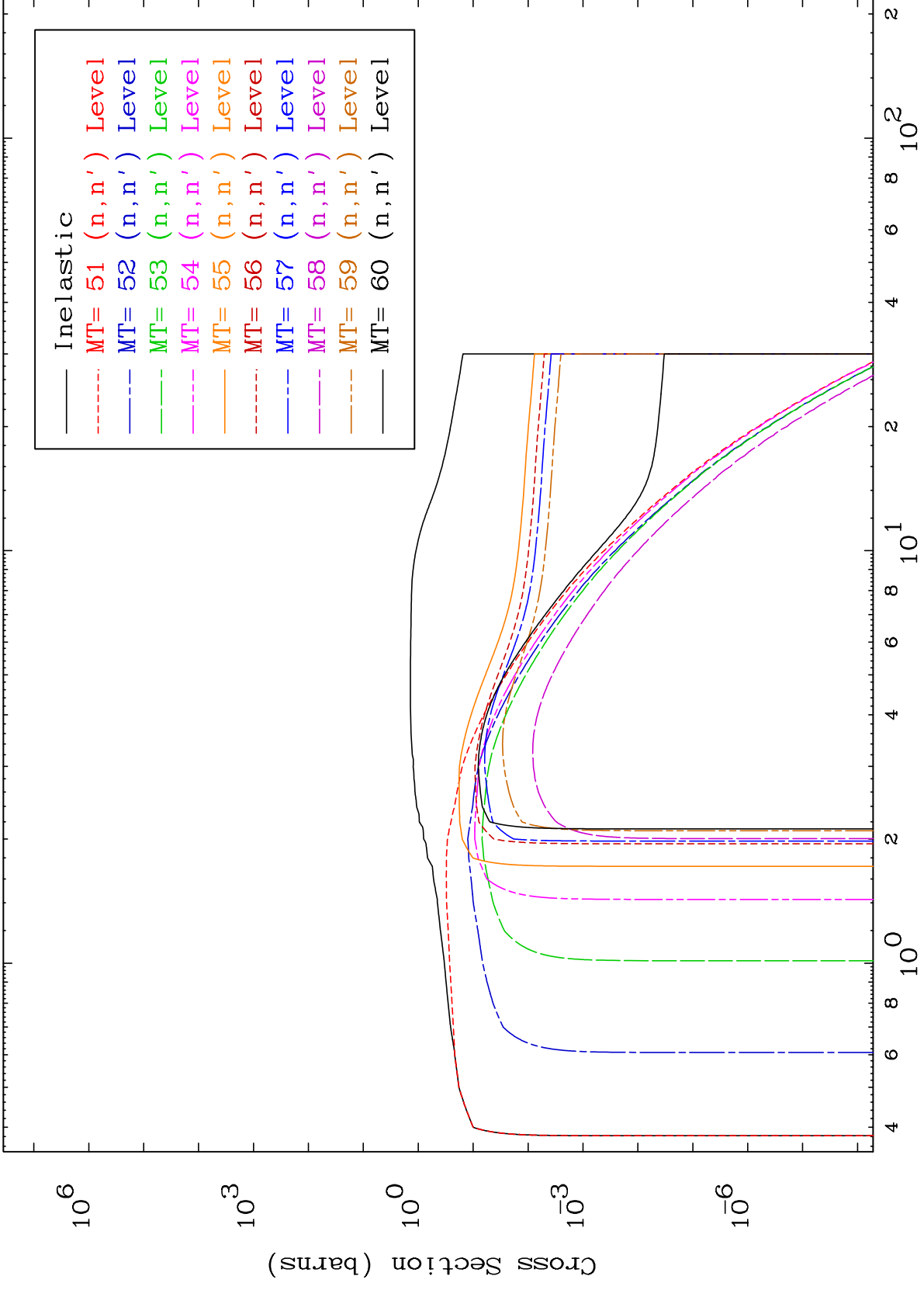


MAT 2034

(n,n') Level

20-Ca-43

293 Kelvin Cross Sections



7

Incident Energy (MeV)

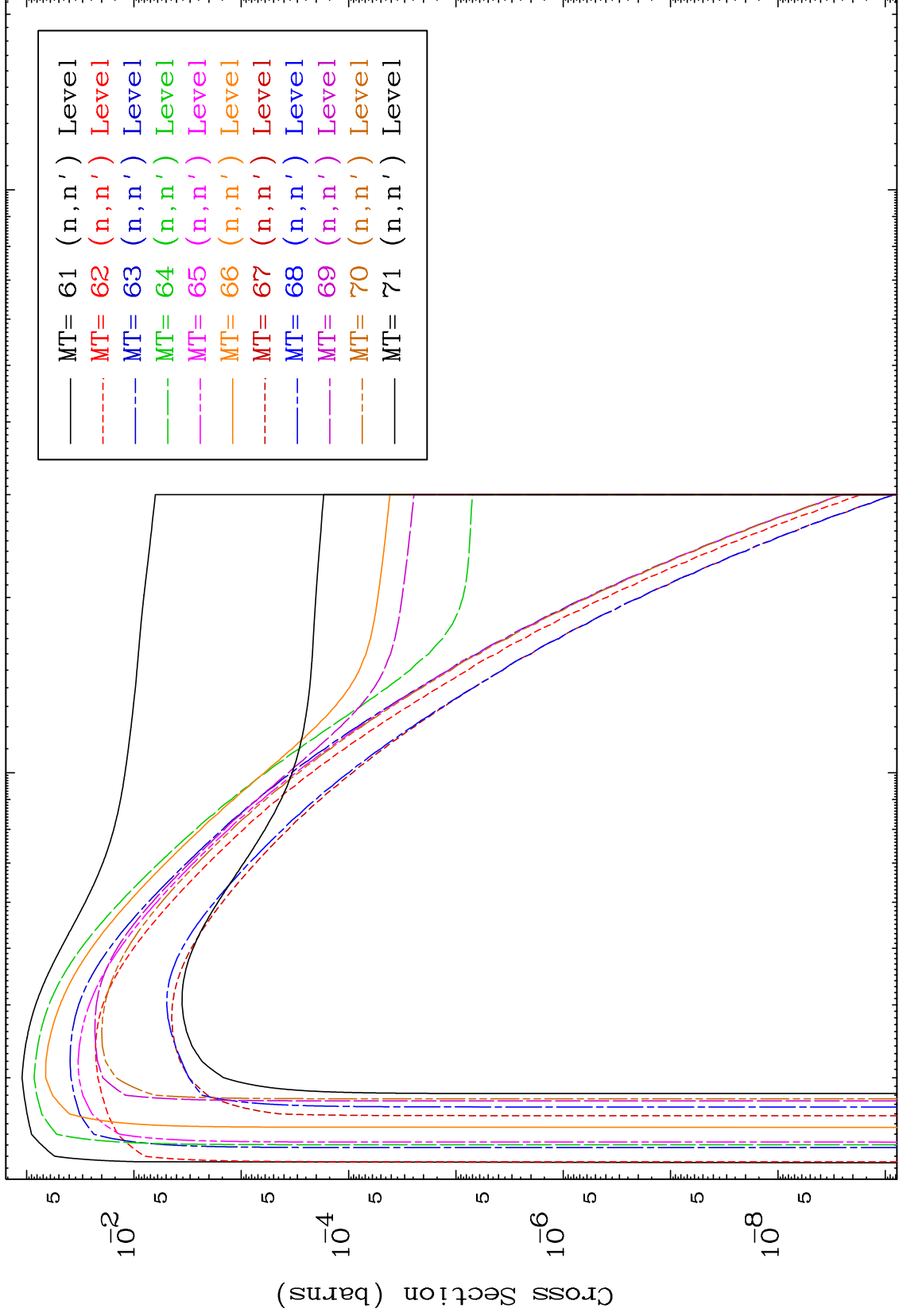
20-Ca-43

MAT 2034

(n,n') Level

20-Ca-43

293 Kelvin Cross Sections



8

Incident Energy (MeV)

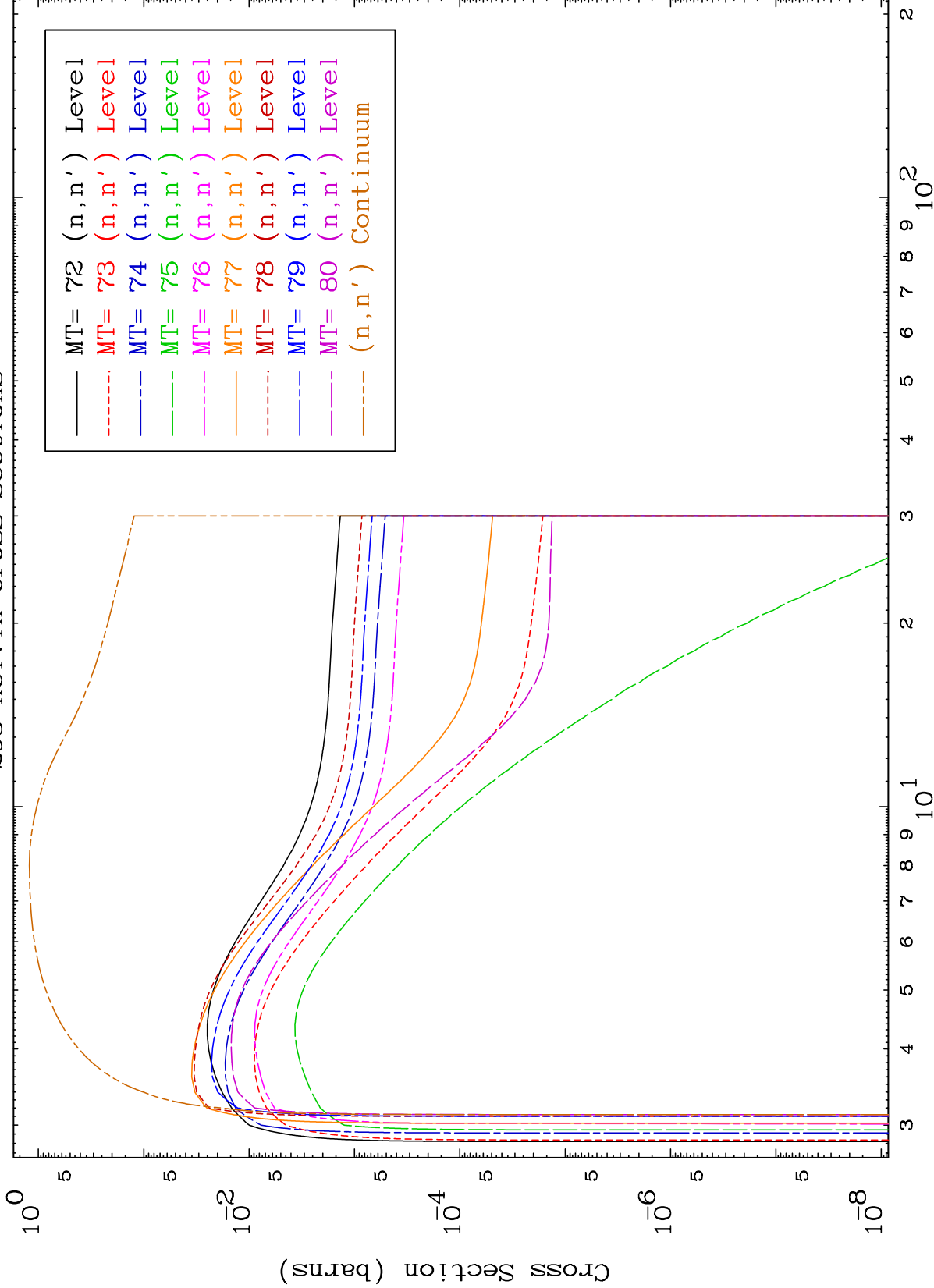
20-Ca-43

MAT 2034

(n,n') Level

20-Ca-43

293 Kelvin Cross Sections



9

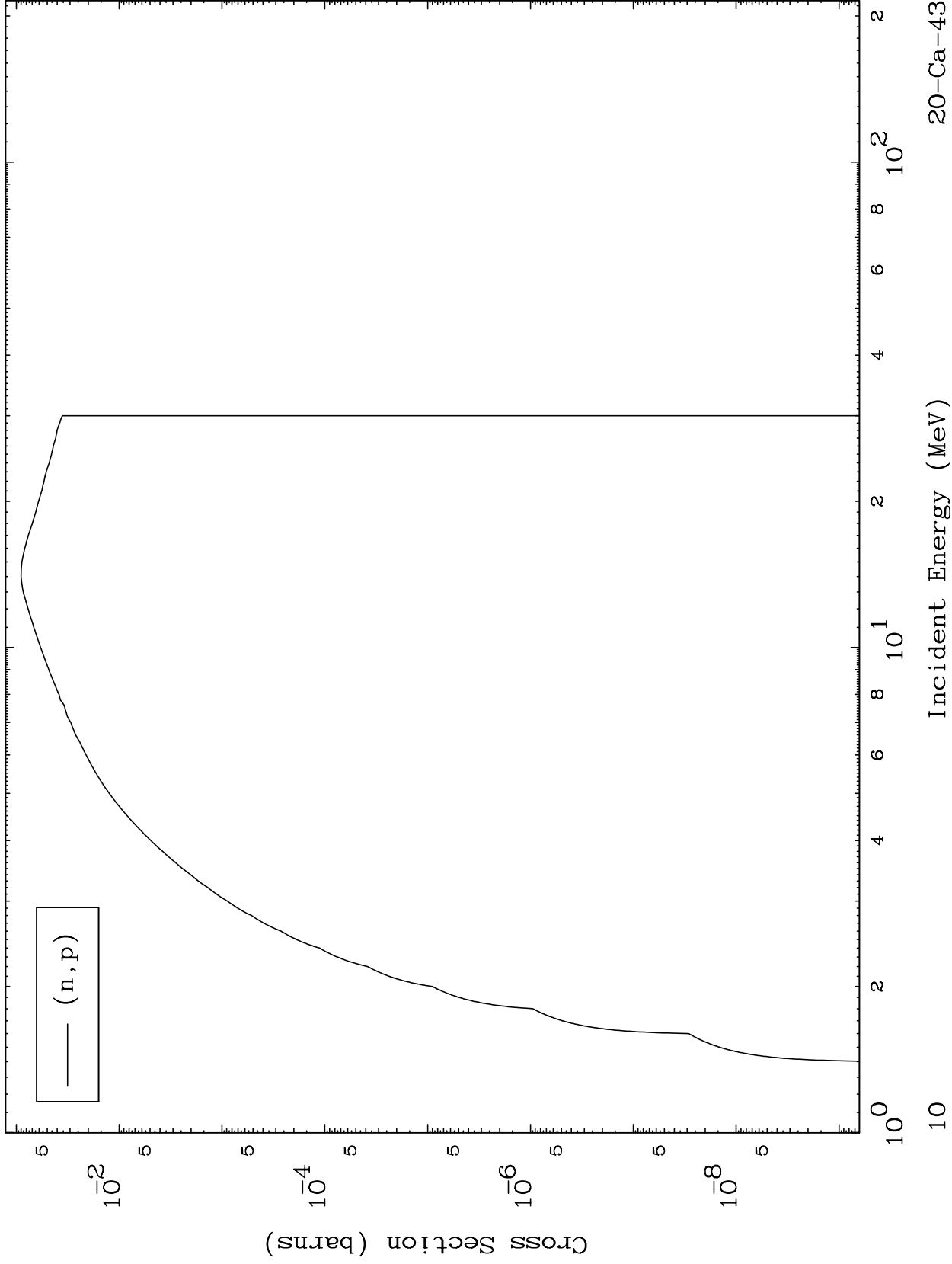
Incident Energy (MeV)

20-Ca-43

MAT 2034

(n,p) Levels
293 Kelvin Cross Sections

20-Ca-43

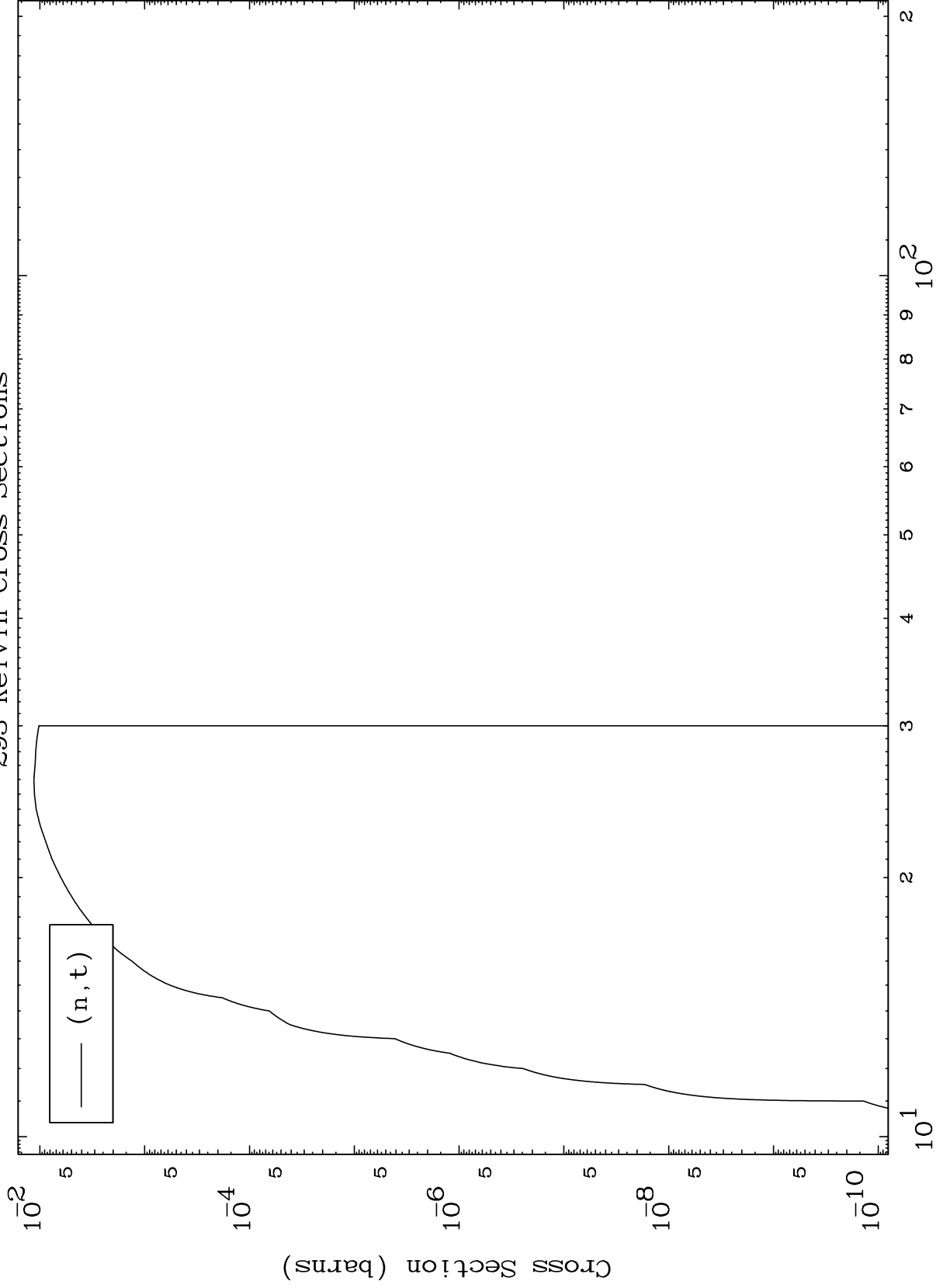


20-Ca-43

MAT 2034

(n,t) Levels
293 Kelvin Cross Sections

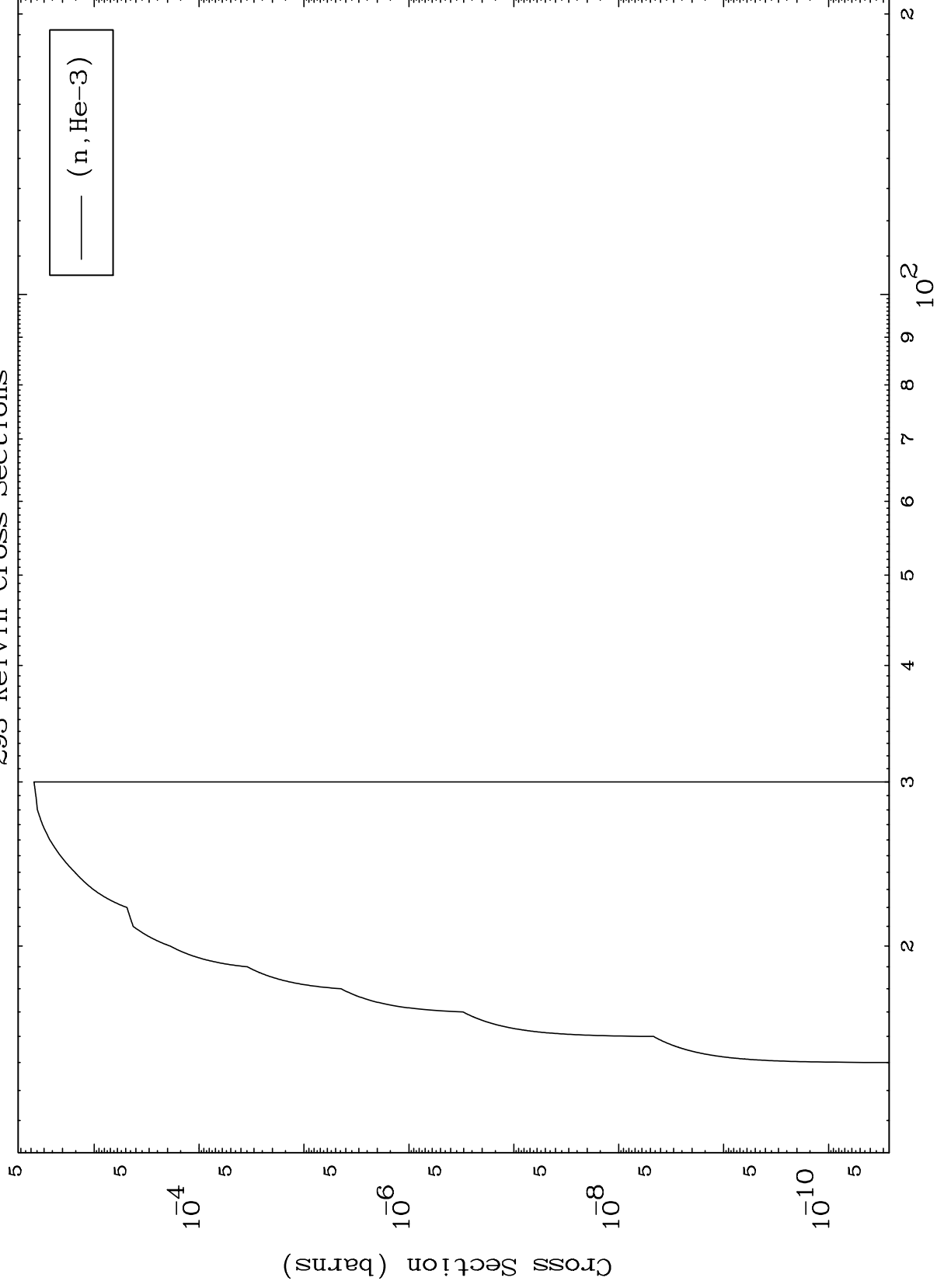
20-Ca-43



20-Ca-43

Incident Energy (MeV)

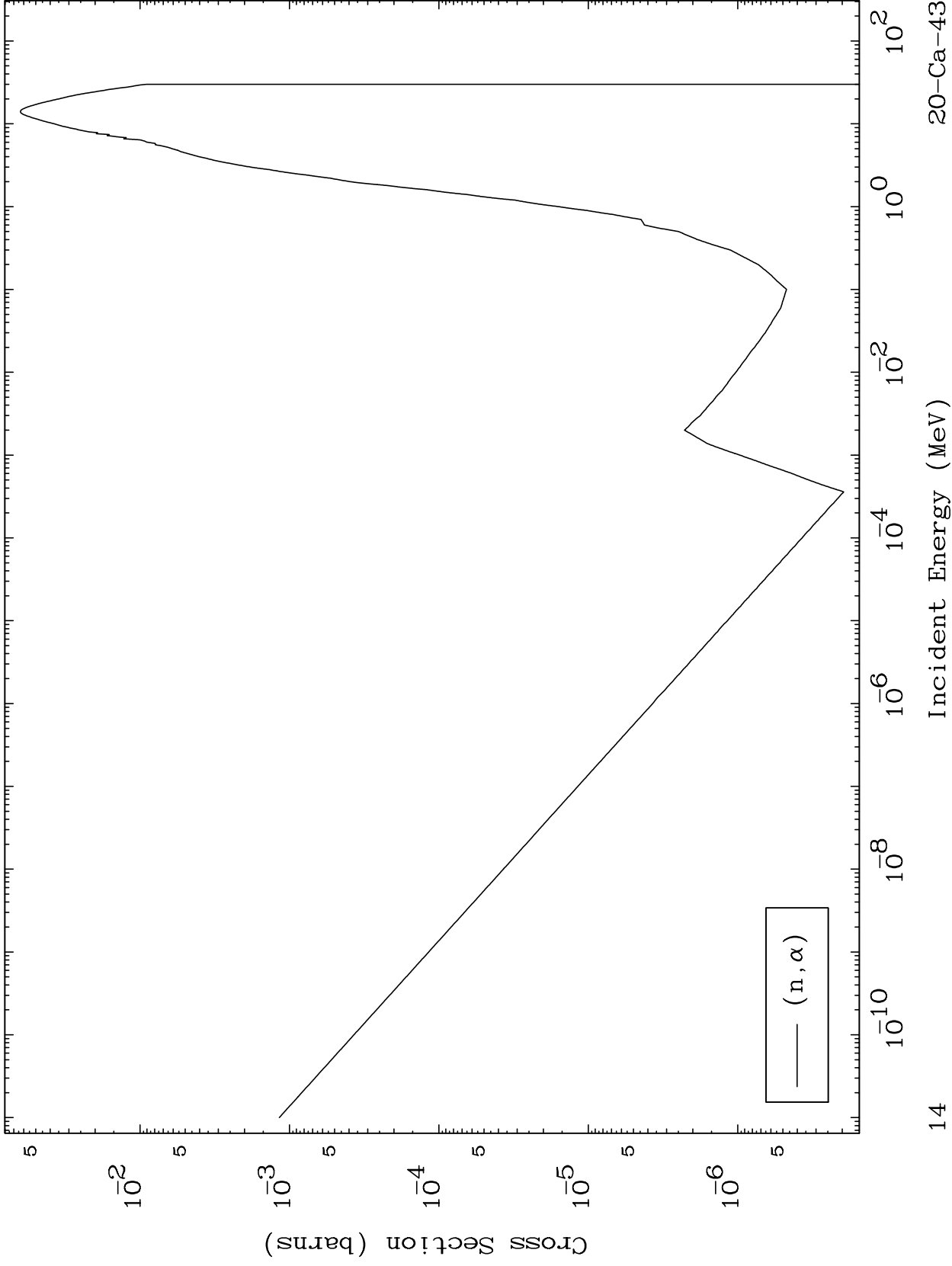
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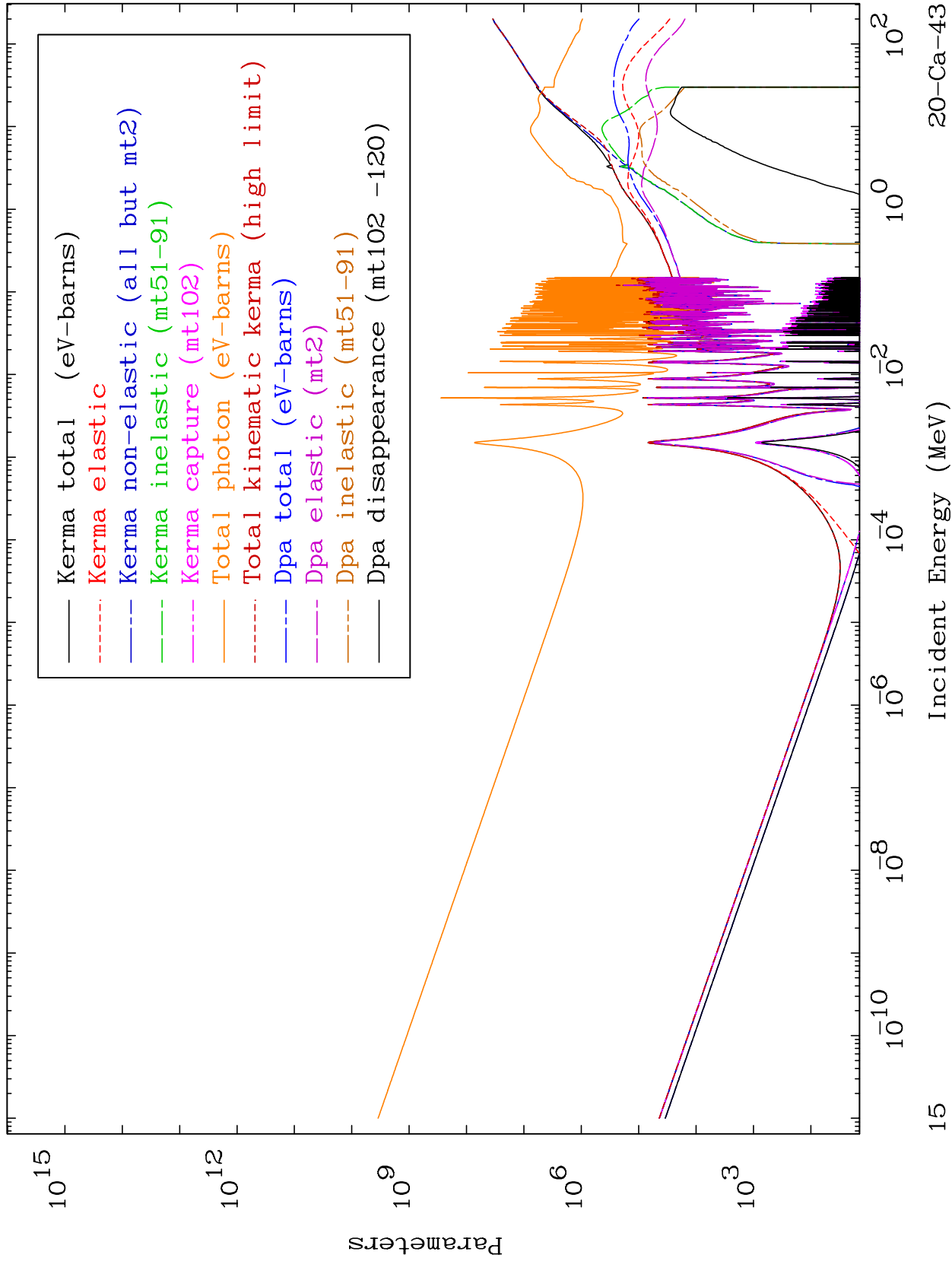


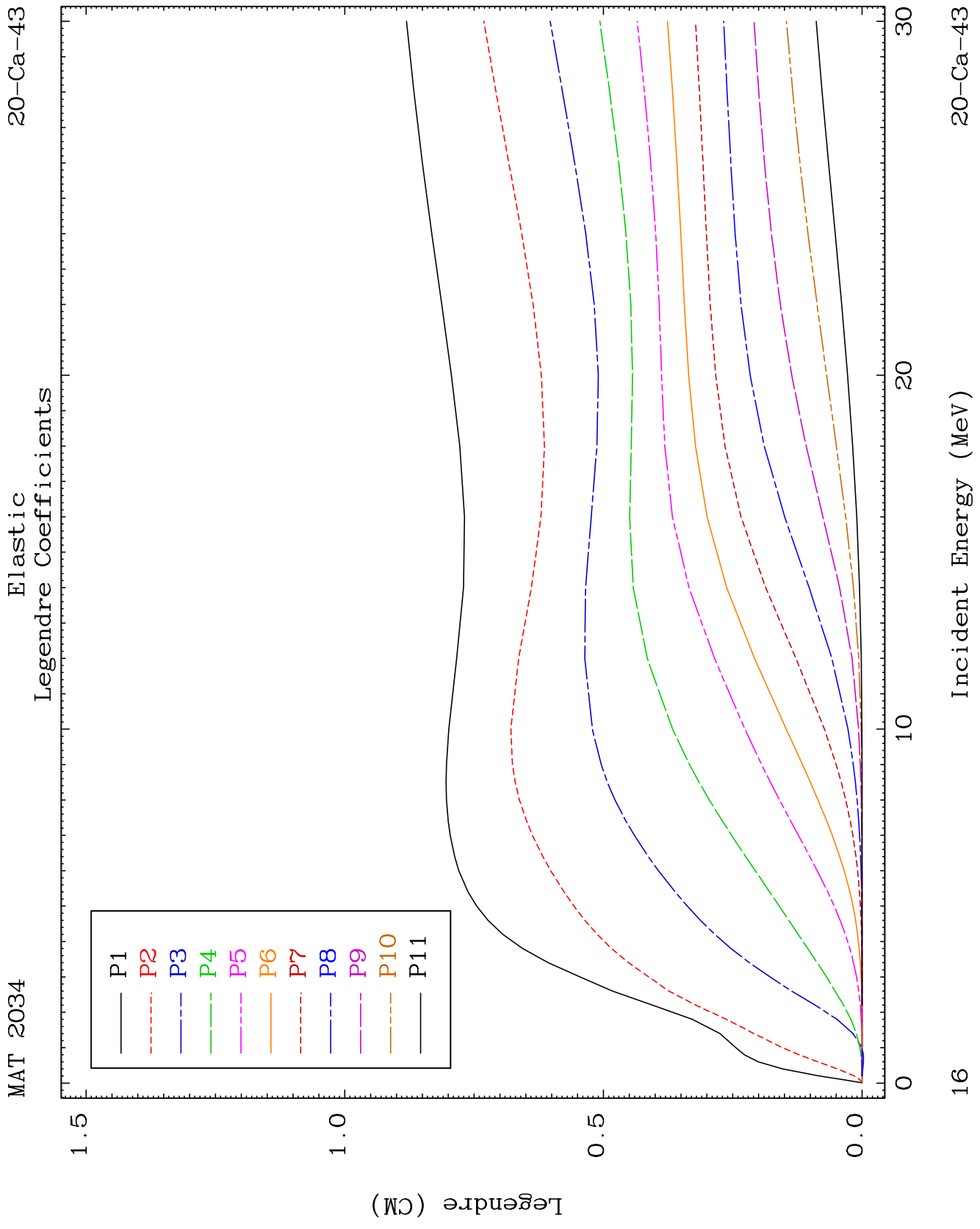
MAT 2034

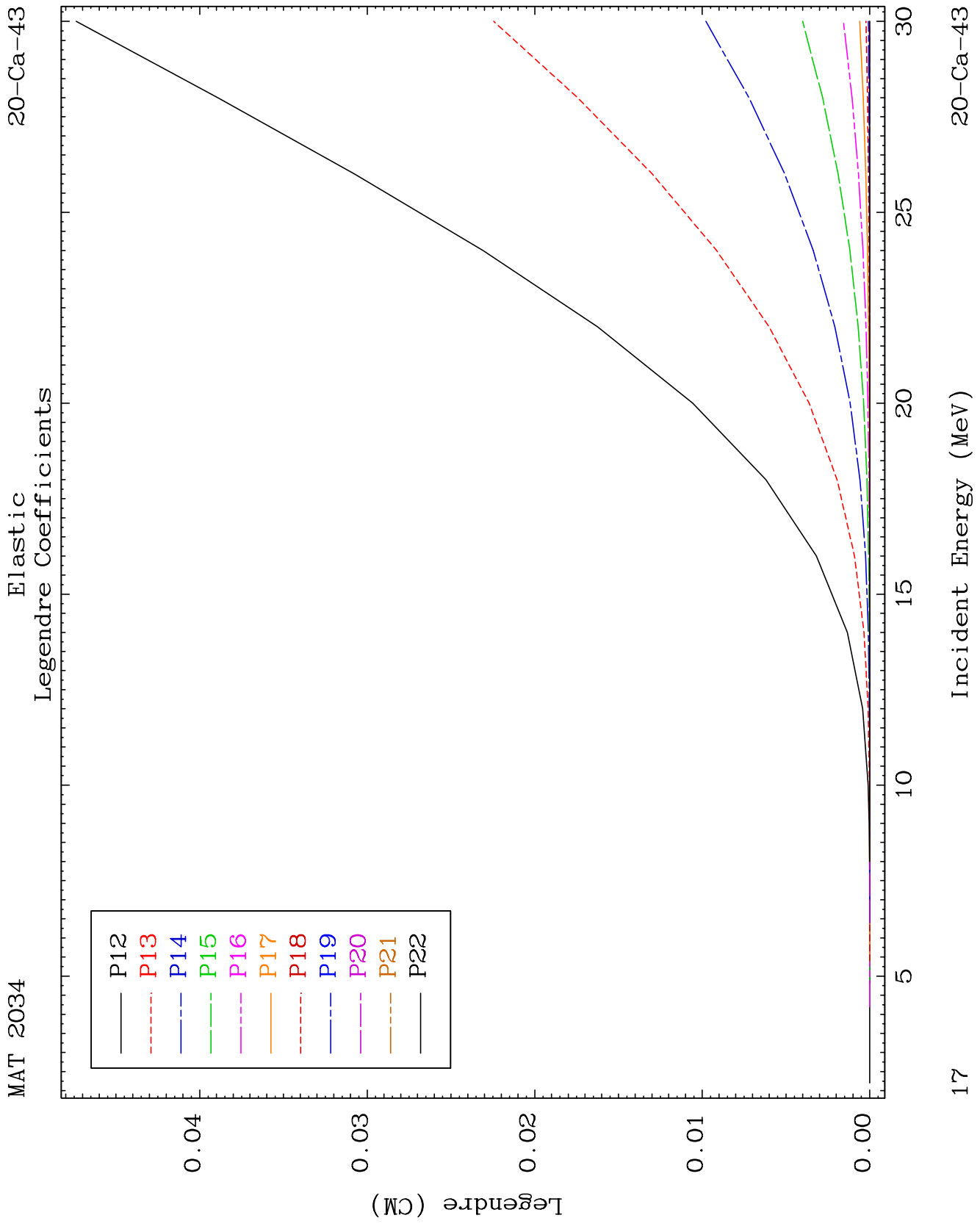
(n, α) Levels
293 Kelvin Cross Sections

20-Ca-43









MAT 2034

Elastic Legendre Coefficients

$^{20}\text{Ca-43}$

17

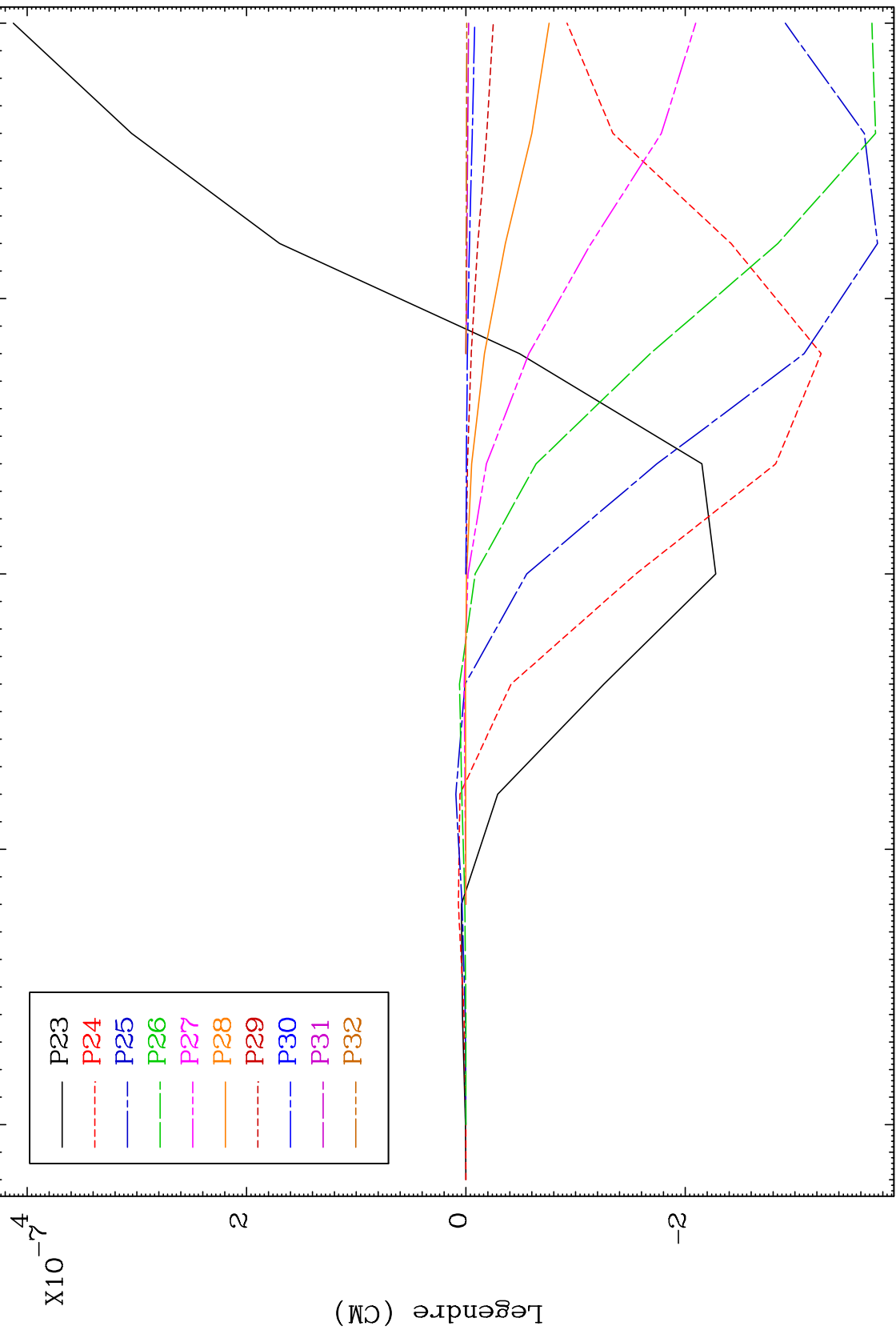
Incident Energy (MeV)

$^{20}\text{Ca-43}$

MAT 2034

Elastic Legendre Coefficients

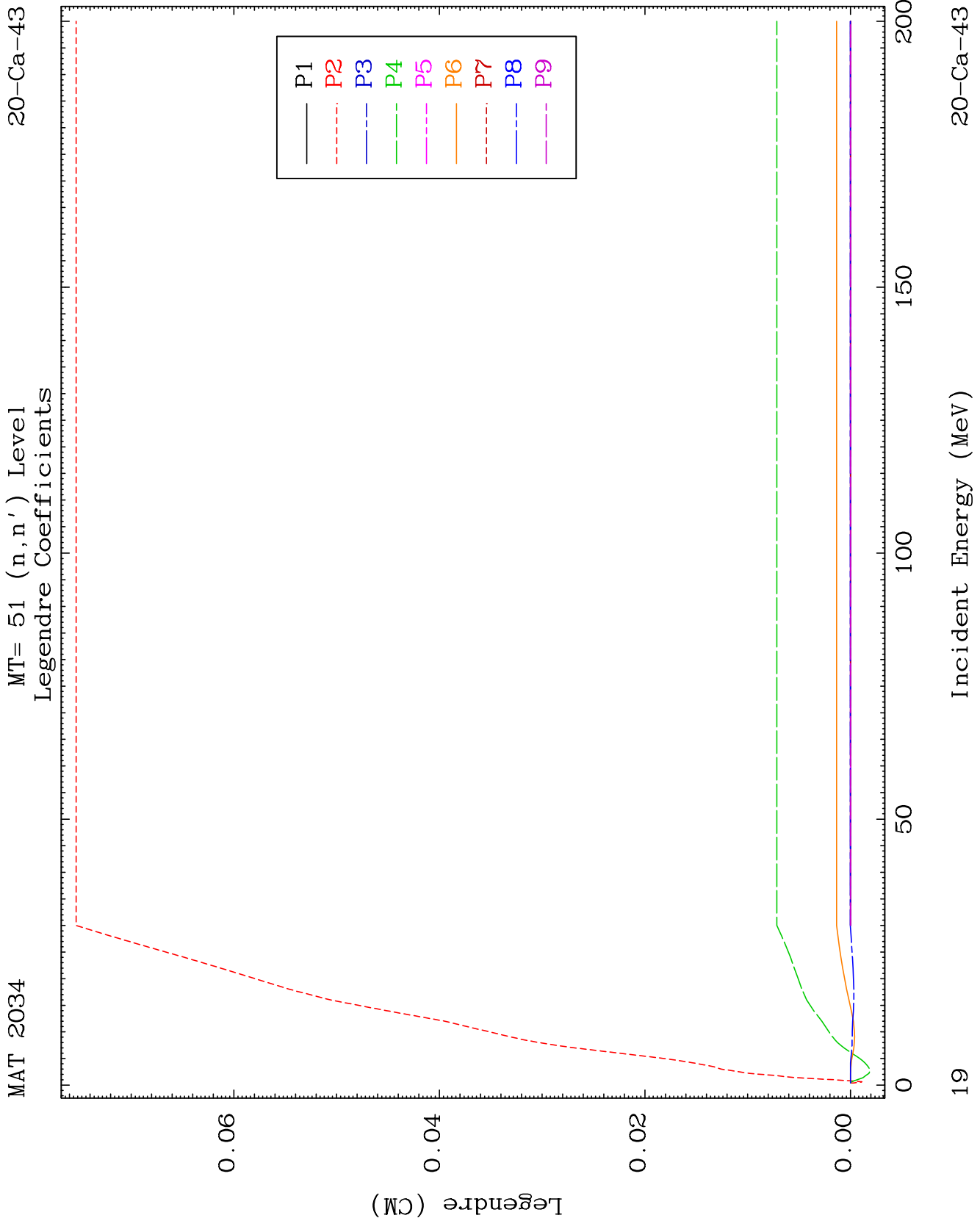
20-Ca-43

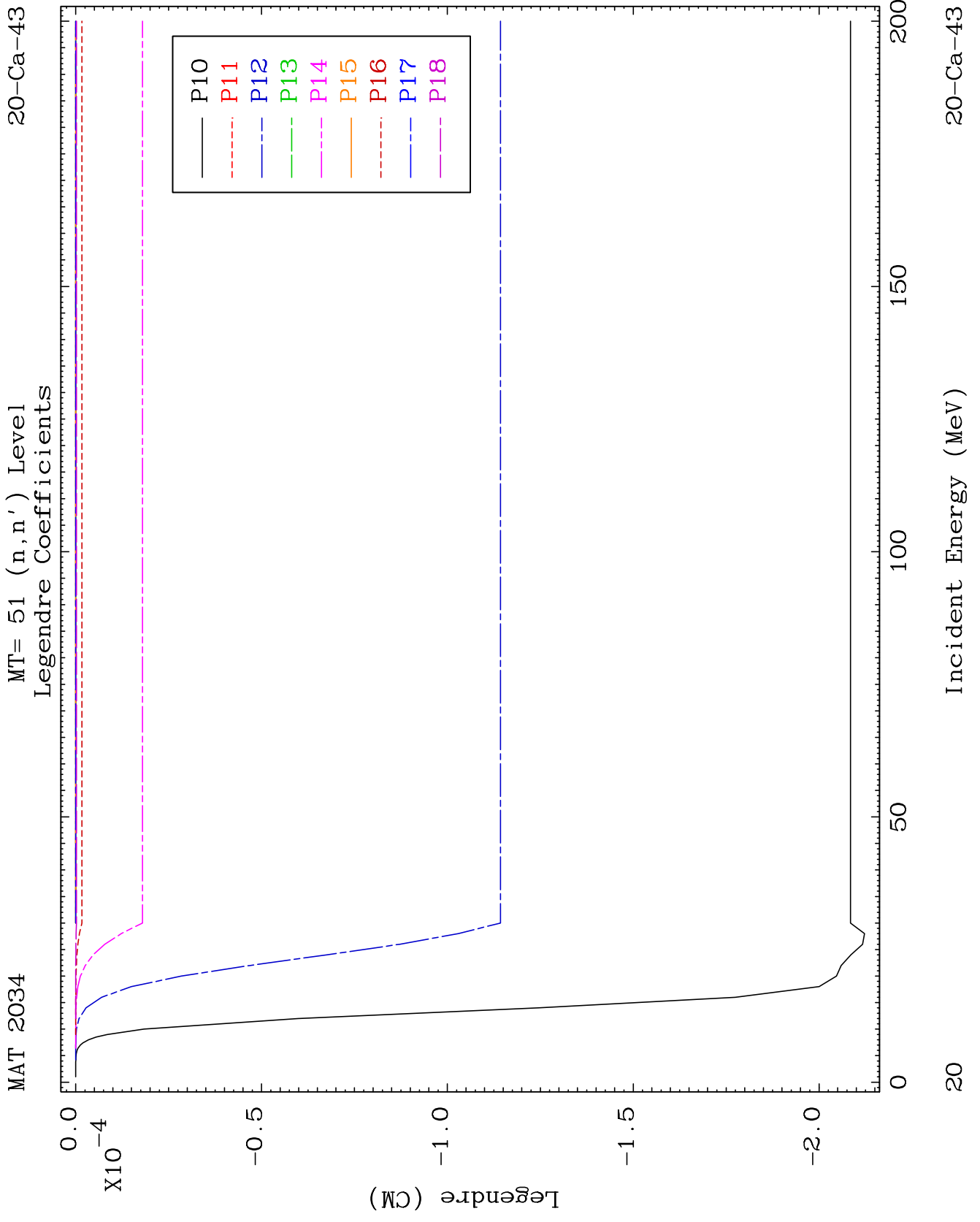


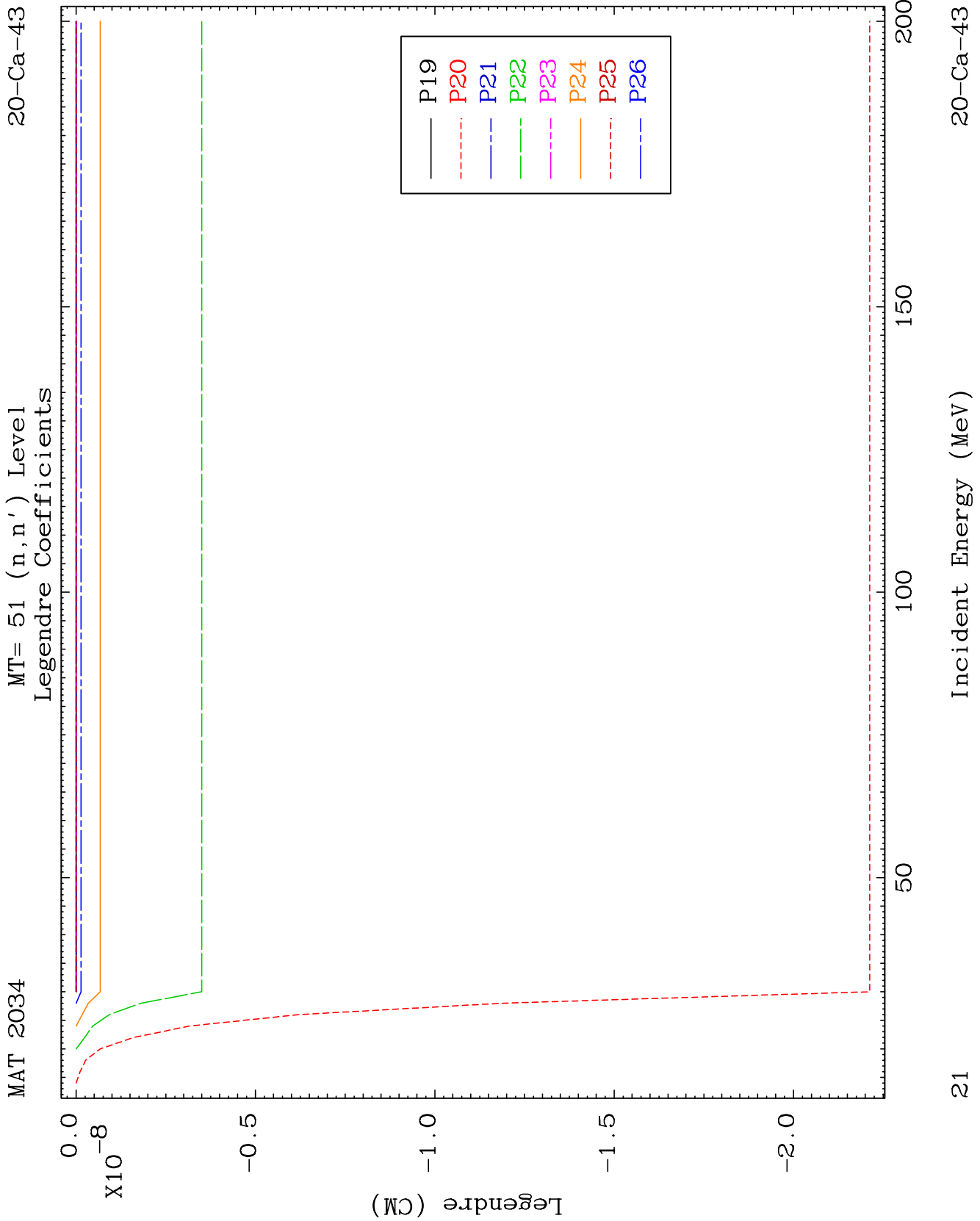
18

Incident Energy (MeV)

20-Ca-43



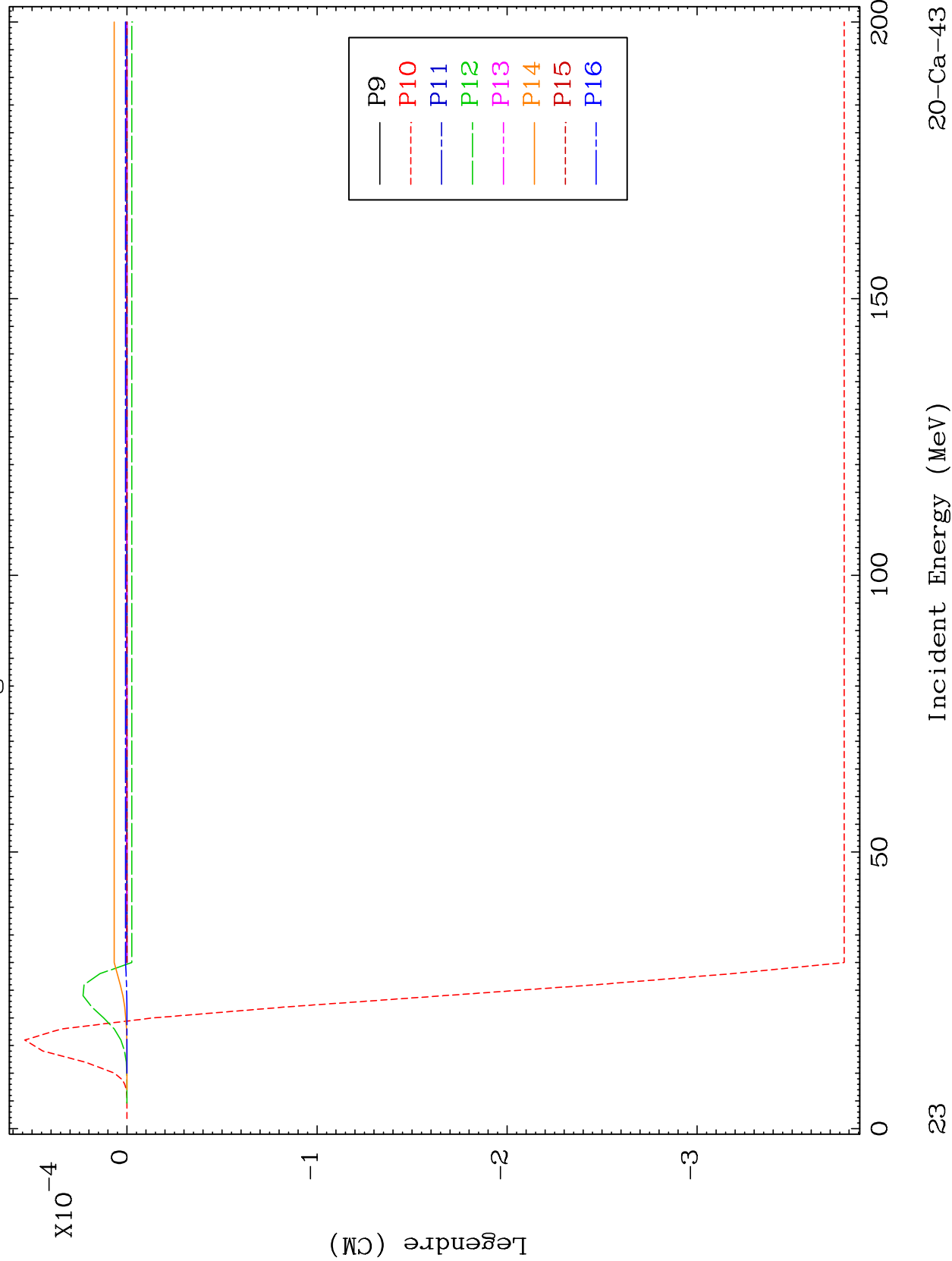




MAT 2034

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

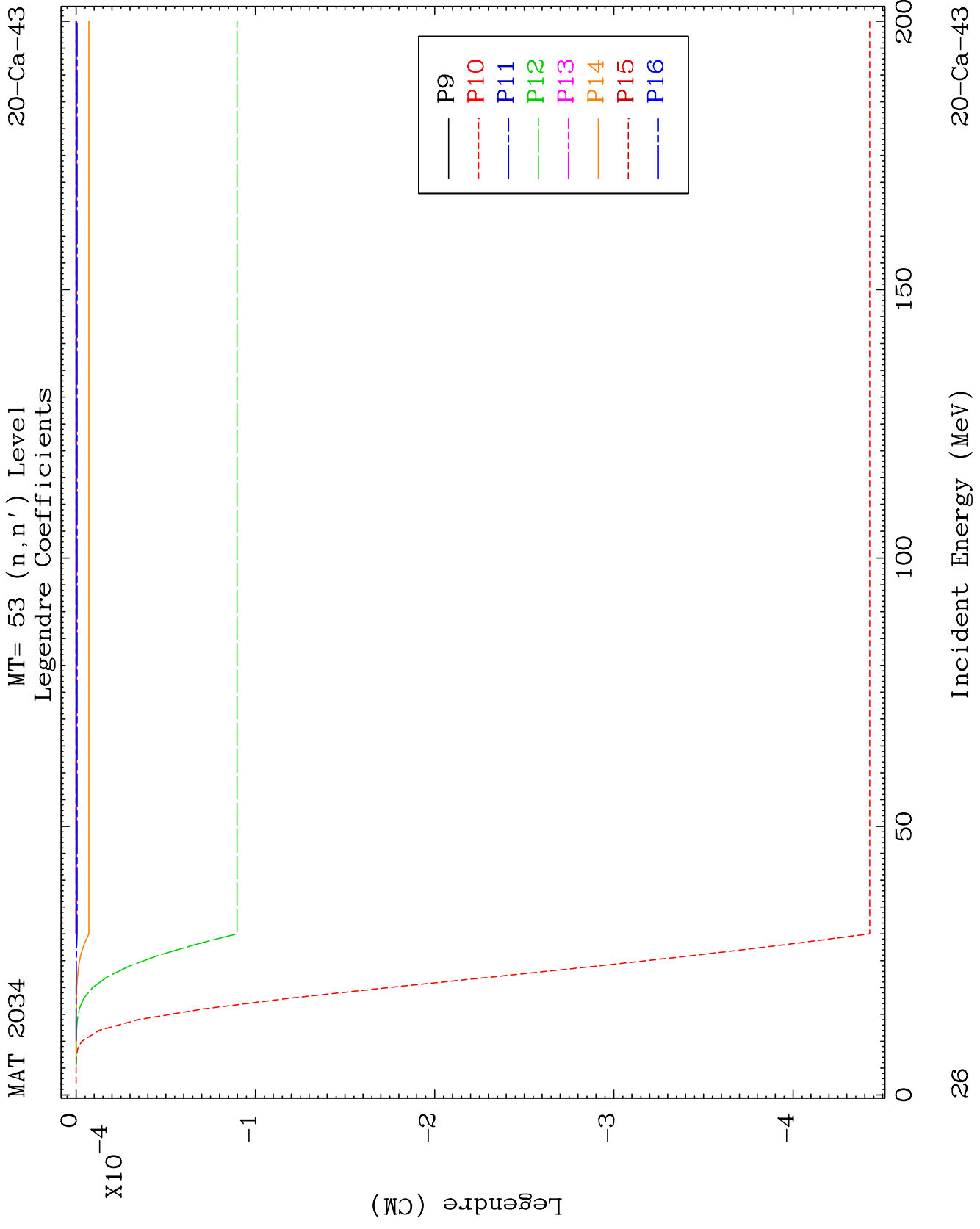
20-Ca-43

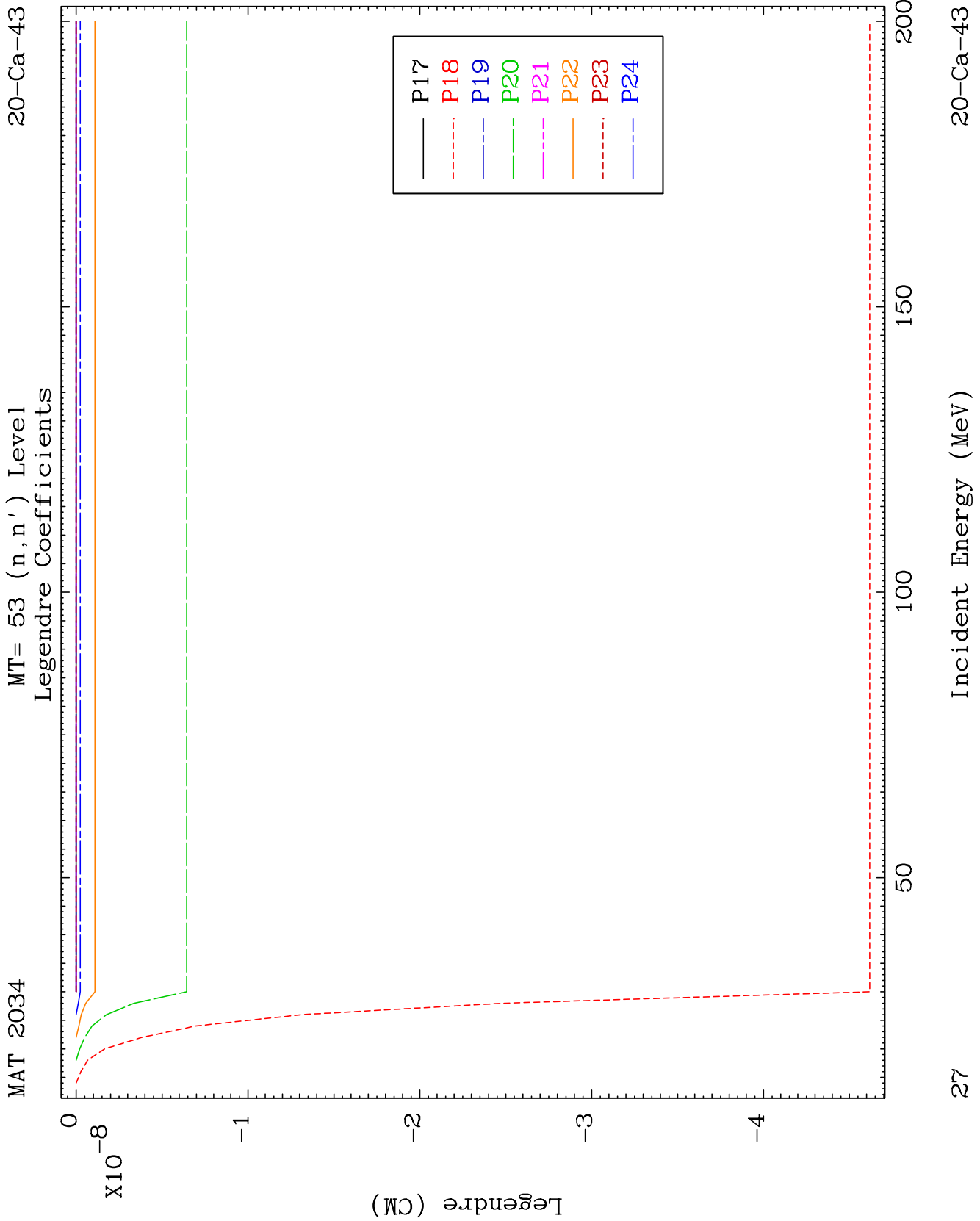


23

Incident Energy (MeV)

20-Ca-43

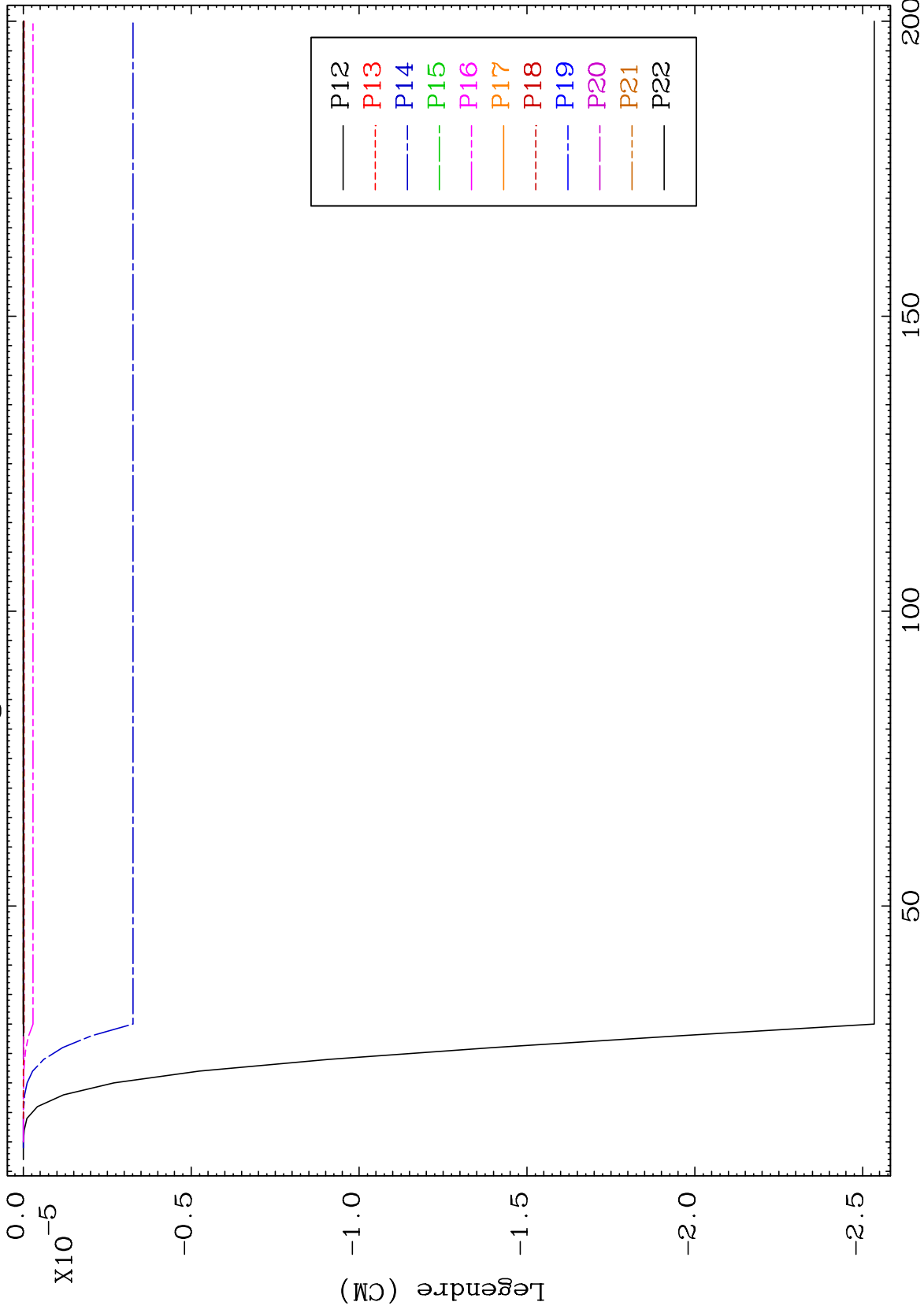


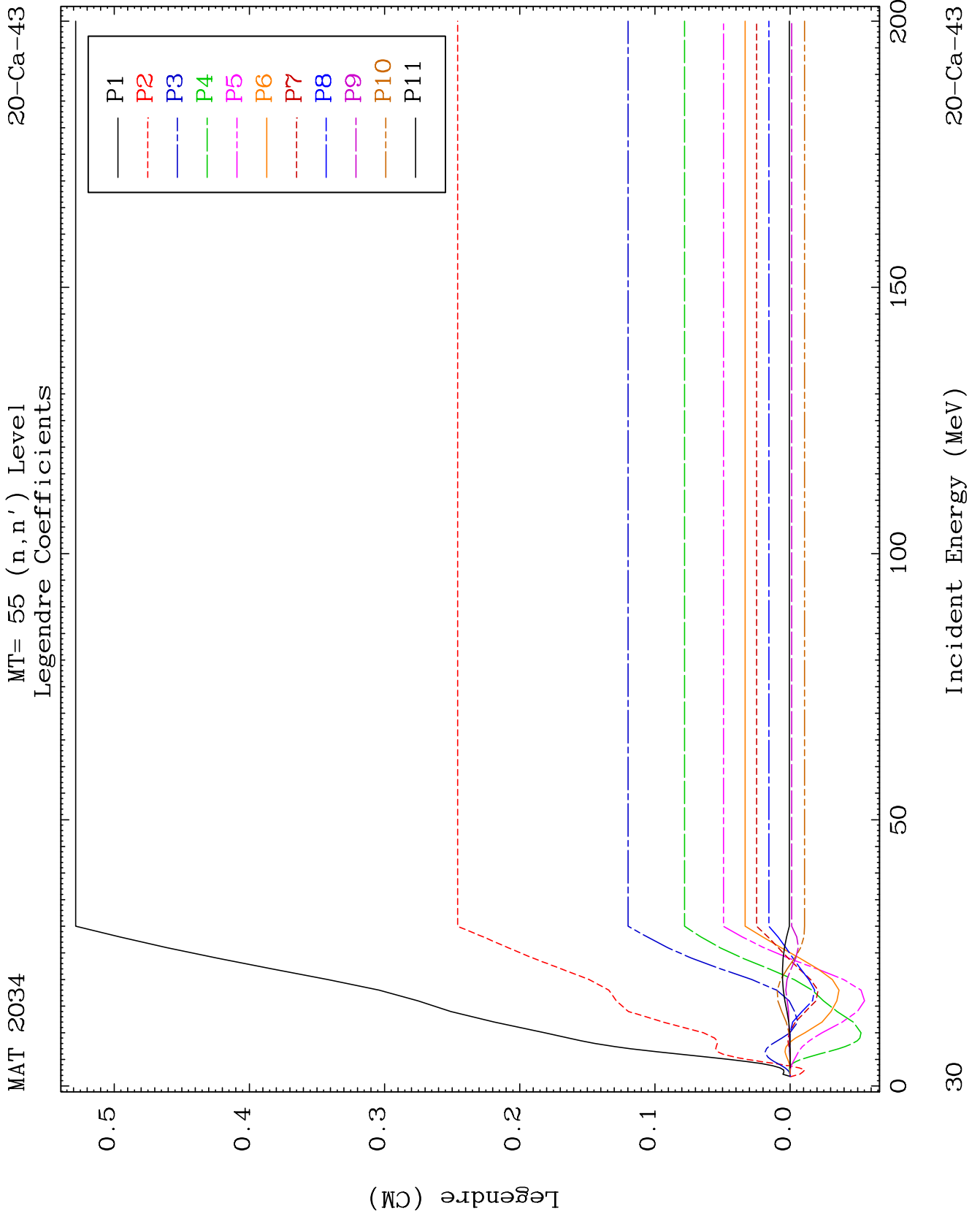


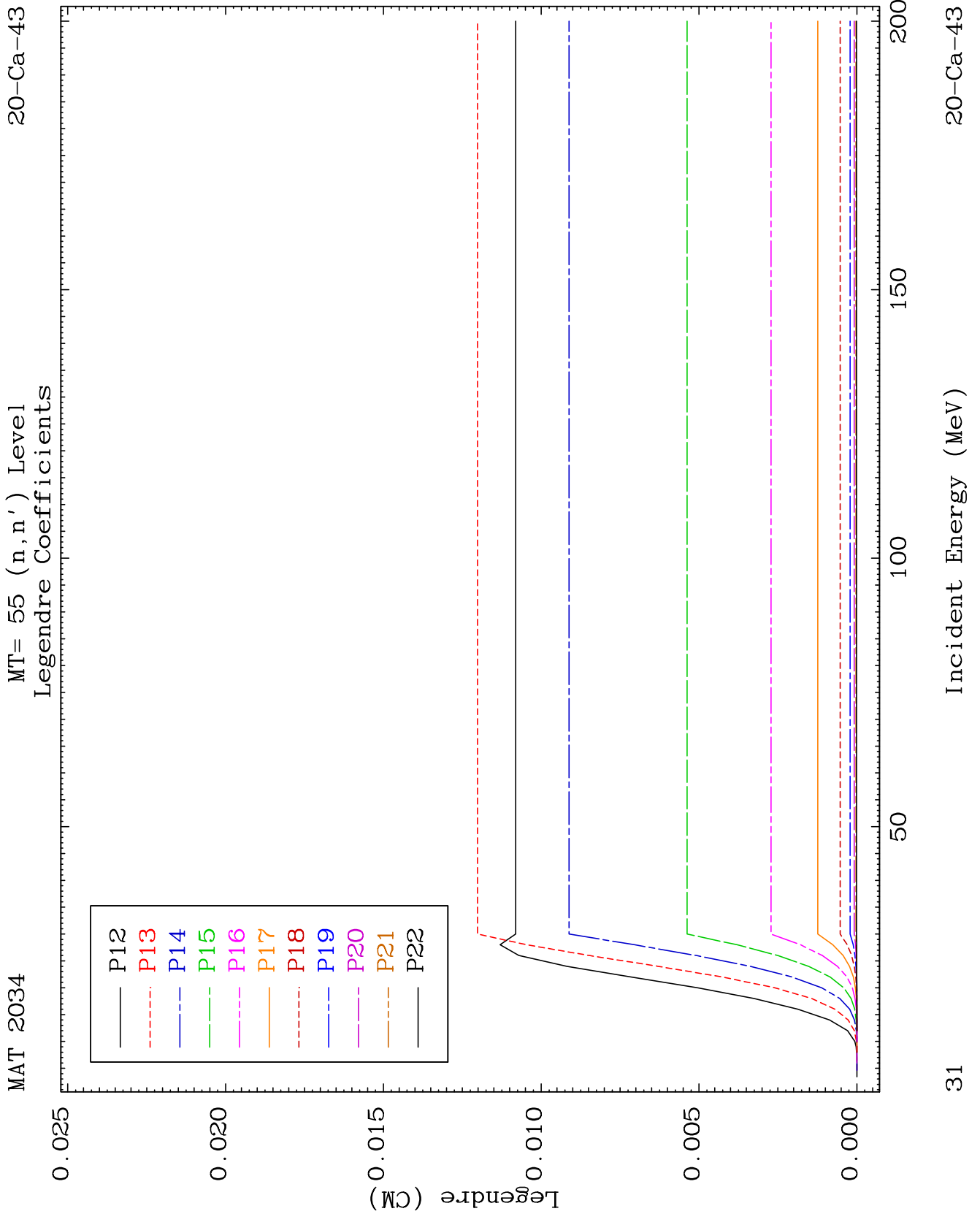
MAT 2034

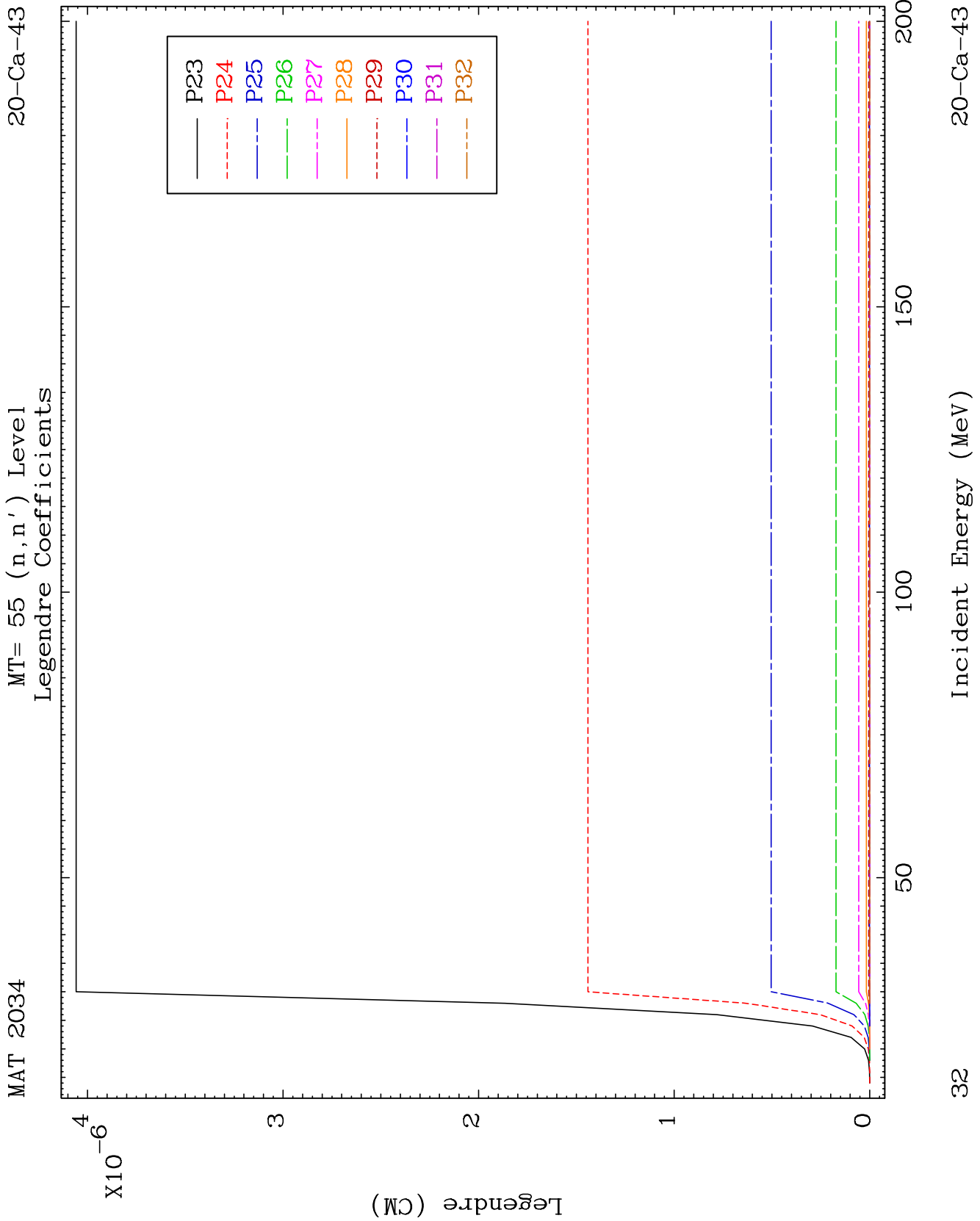
MT= 54 (n,n') Level
Legendre Coefficients

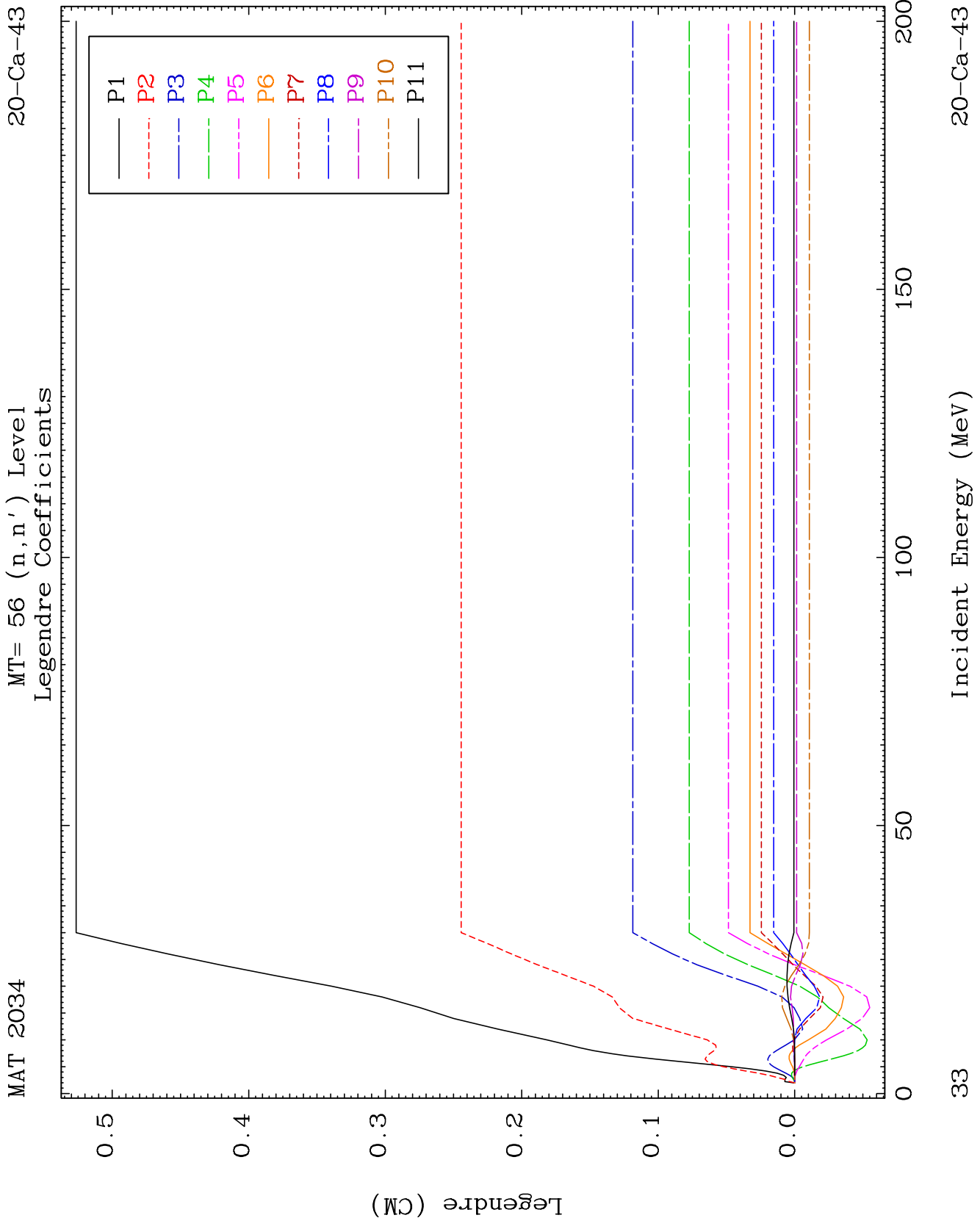
20-Ca-43

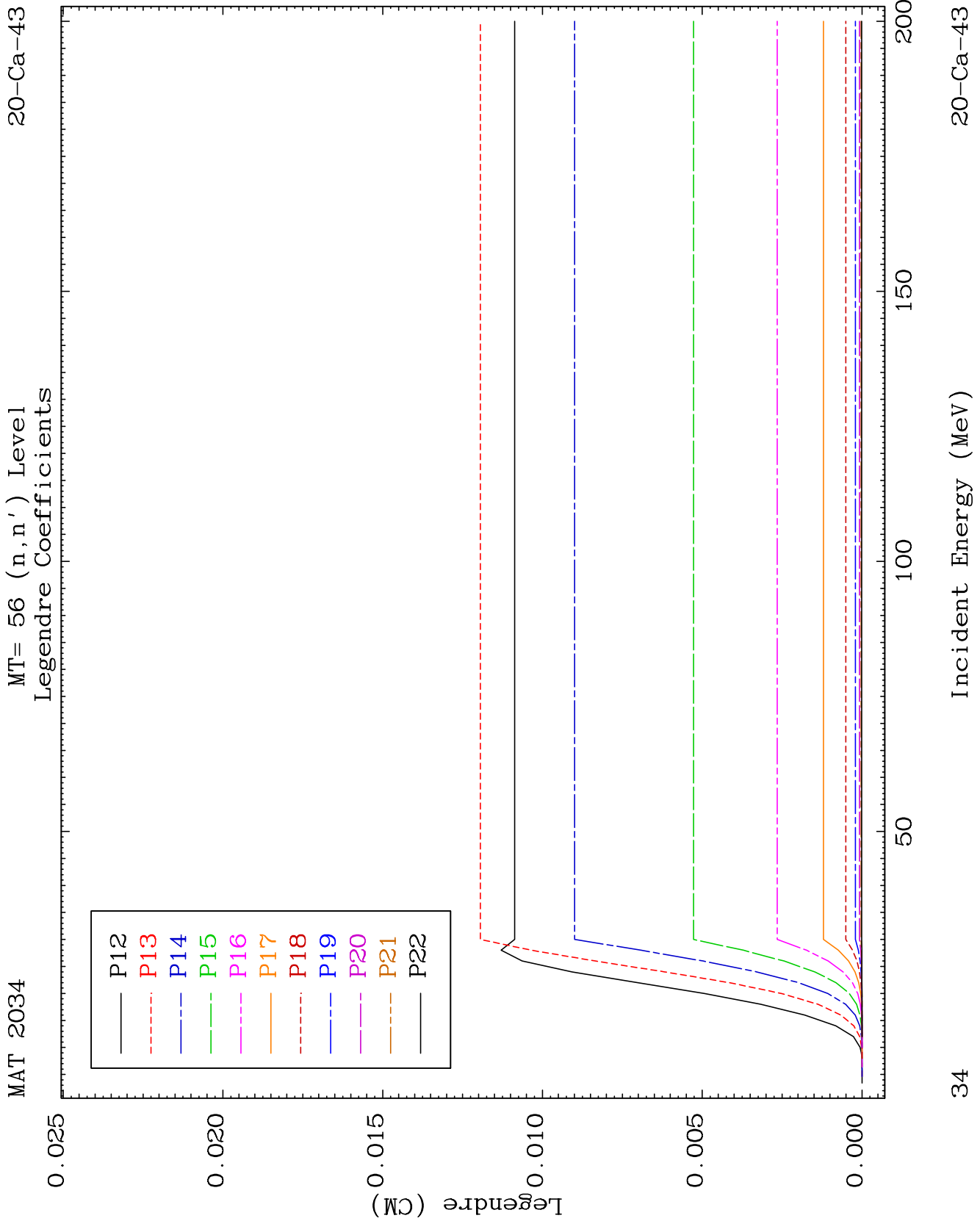








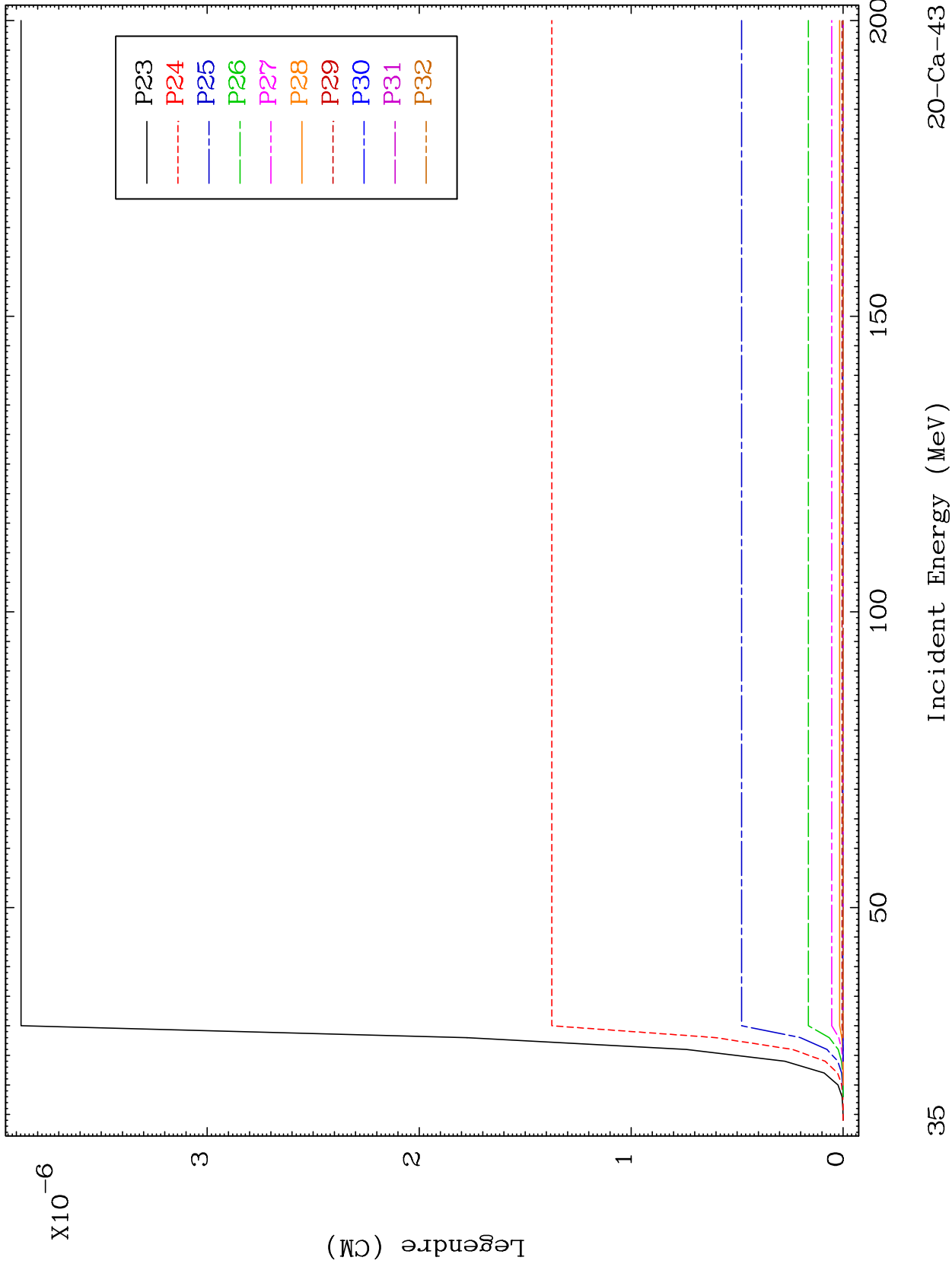




MAT 2034

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

20-Ca-43



35

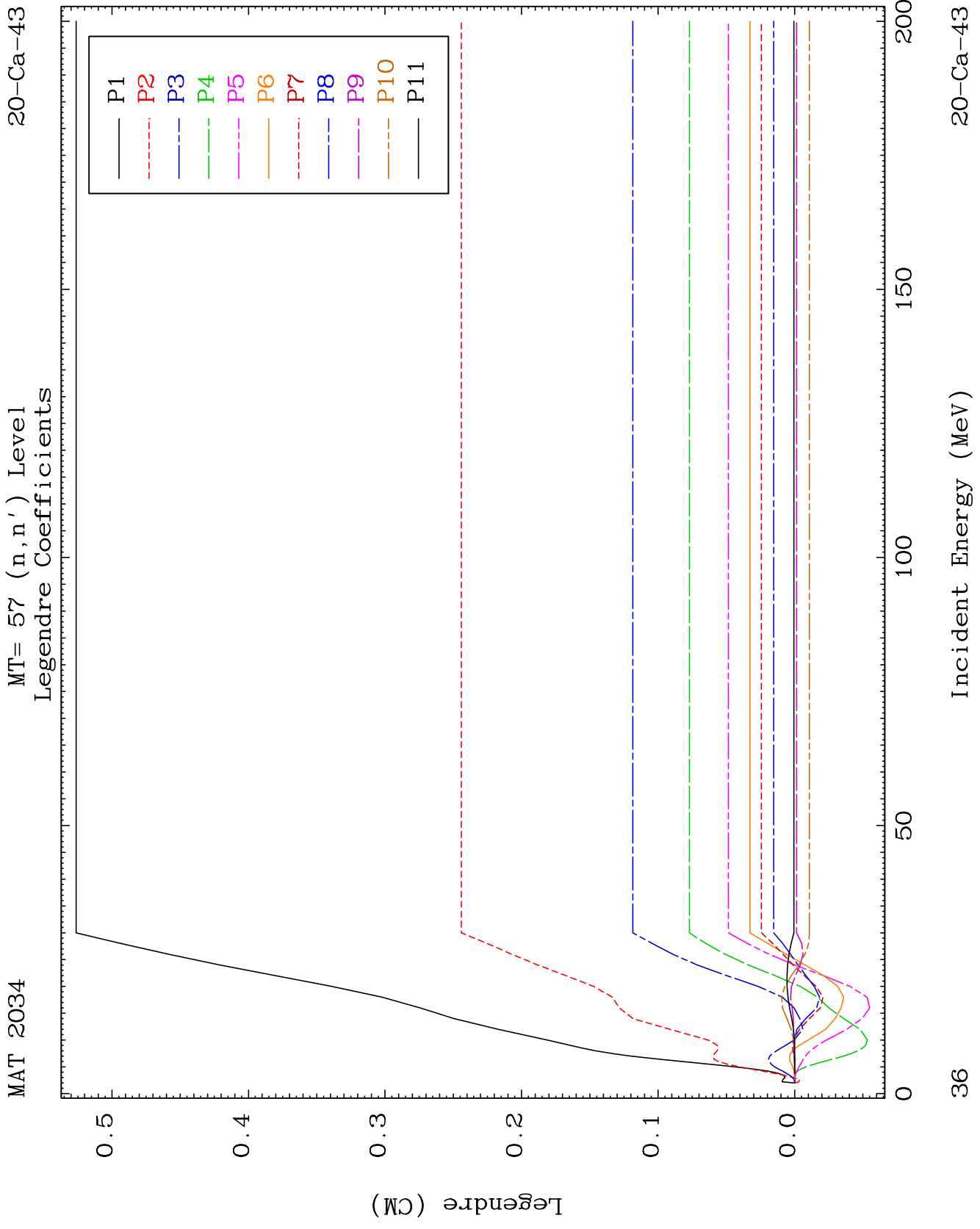
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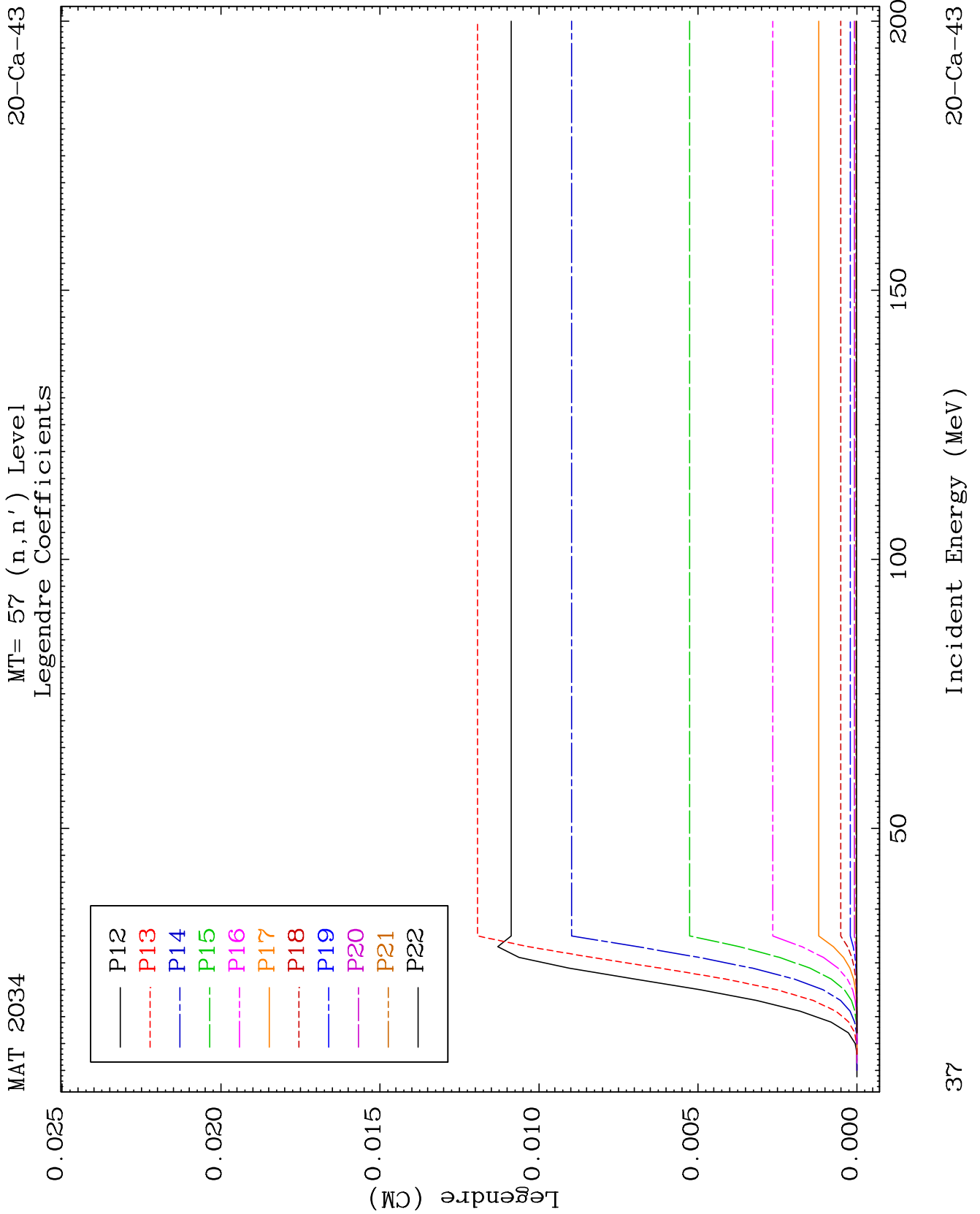
100

150

200

20-Ca-43

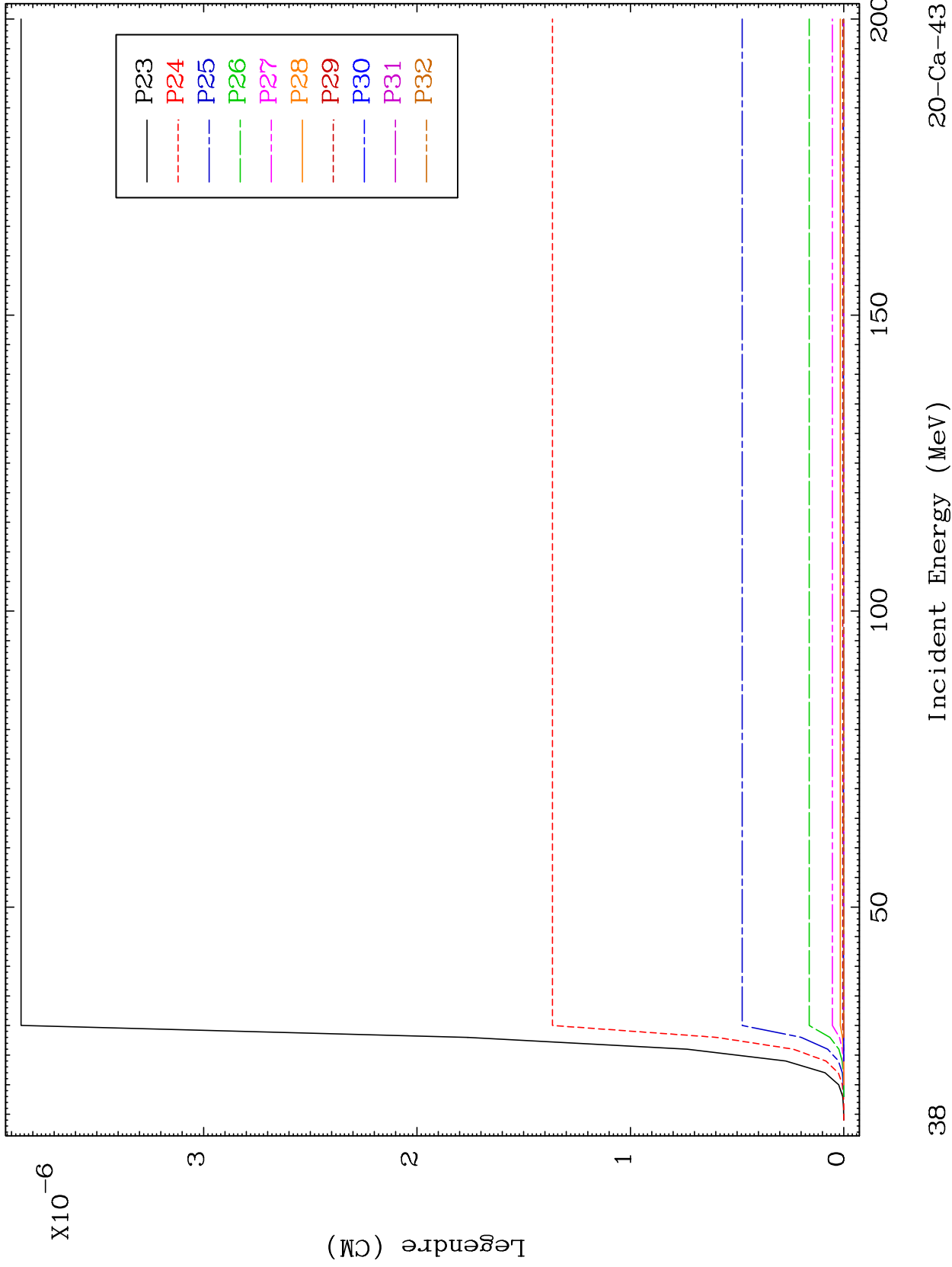




MAT 2034

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

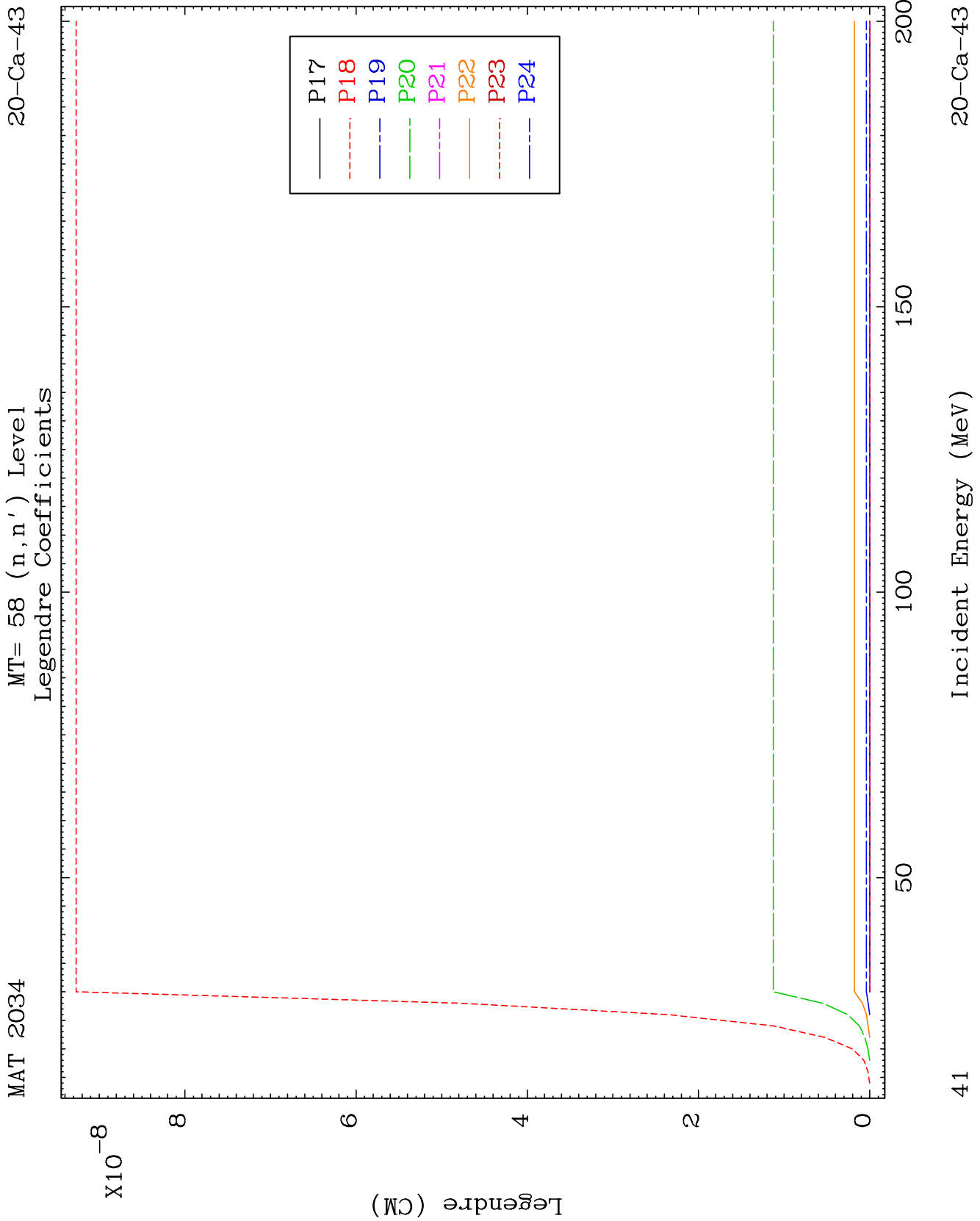
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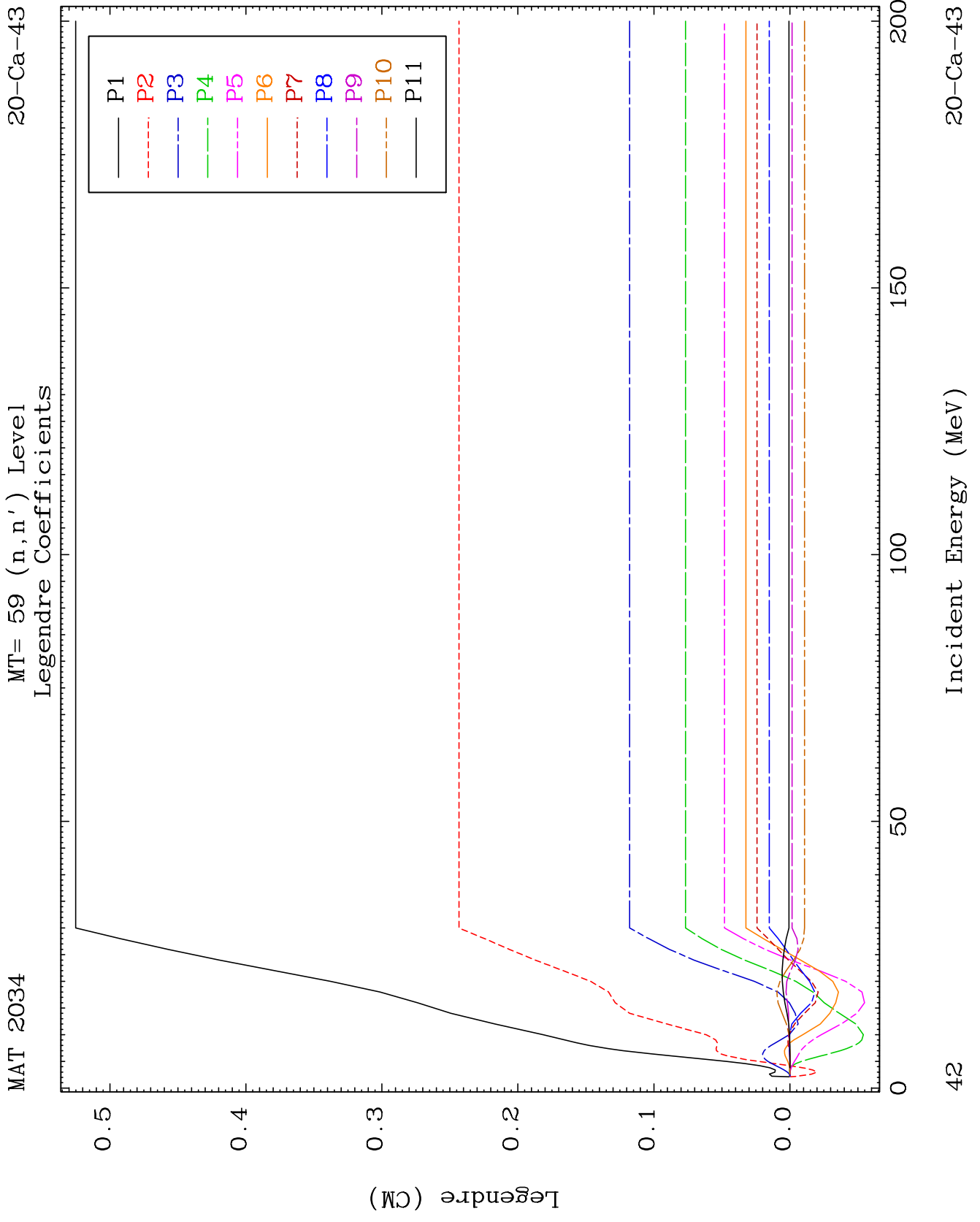


38

Incident Energy (MeV)

20-Ca-43

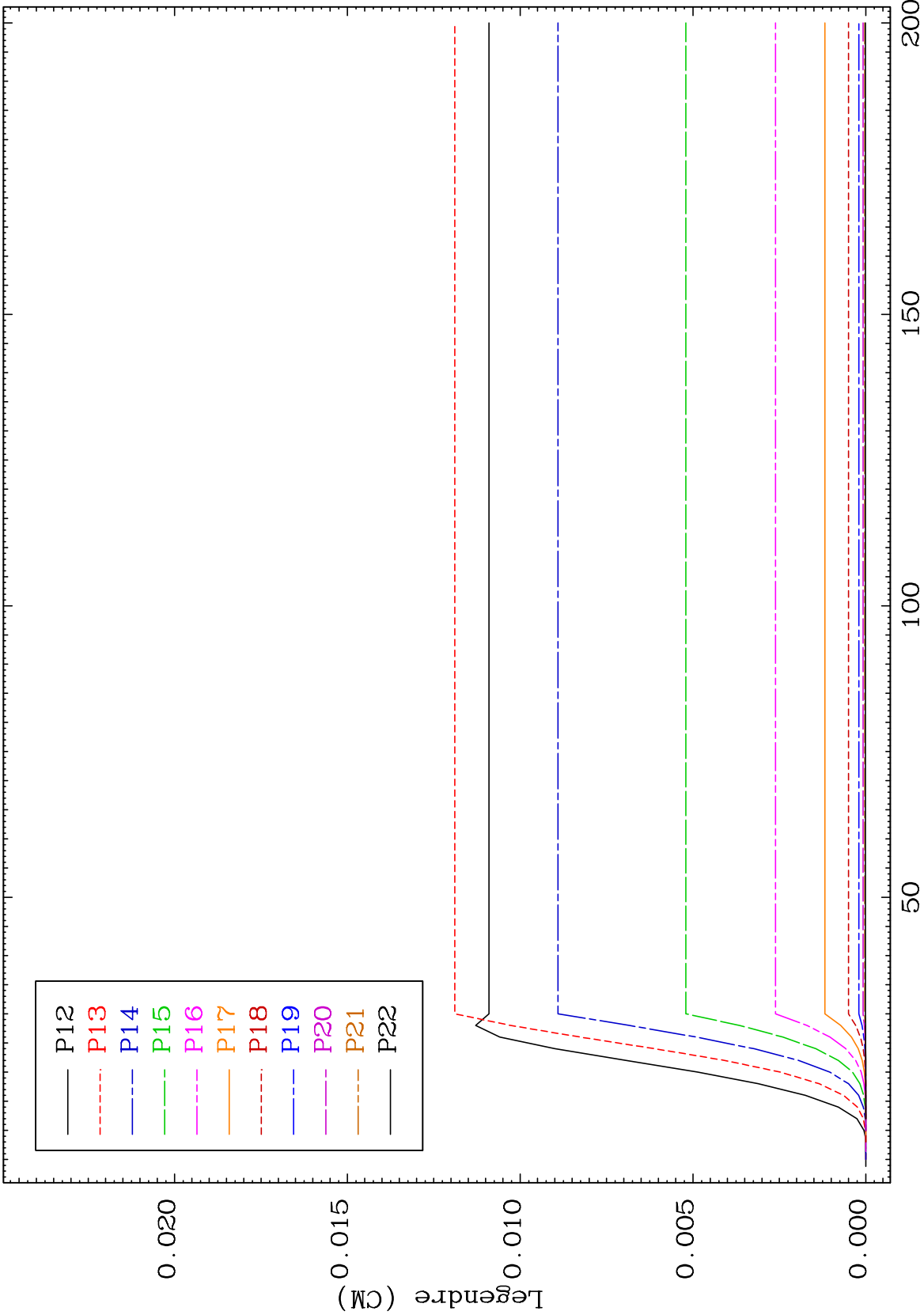




MAT 2034

MT= 59 (n,n') Level
Legendre Coefficients

20-Ca-43



43

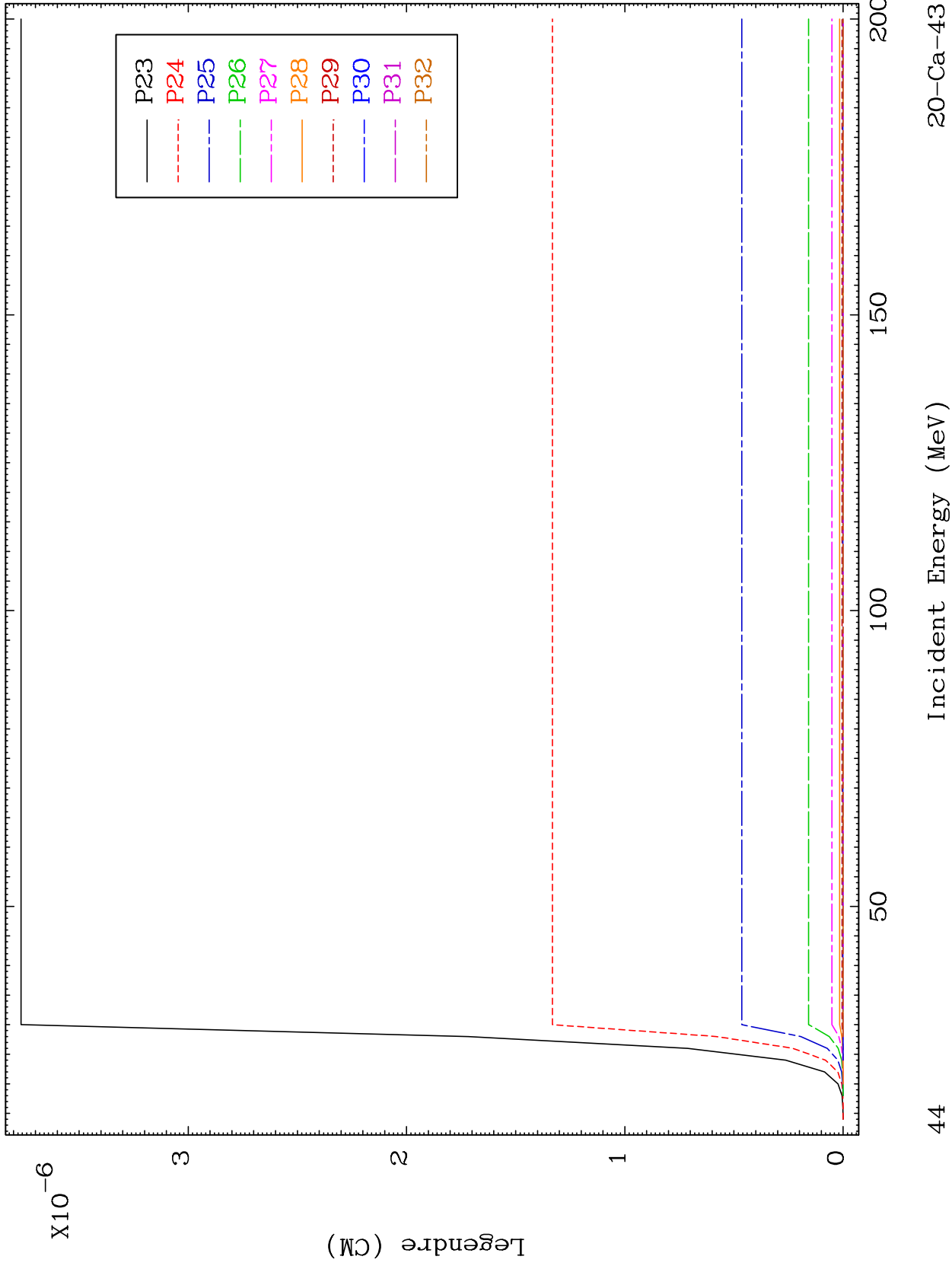
Incident Energy (MeV)

20-Ca-43

MAT 2034

MT= 59 (n,n') Level
Legendre Coefficients

20-Ca-43



44

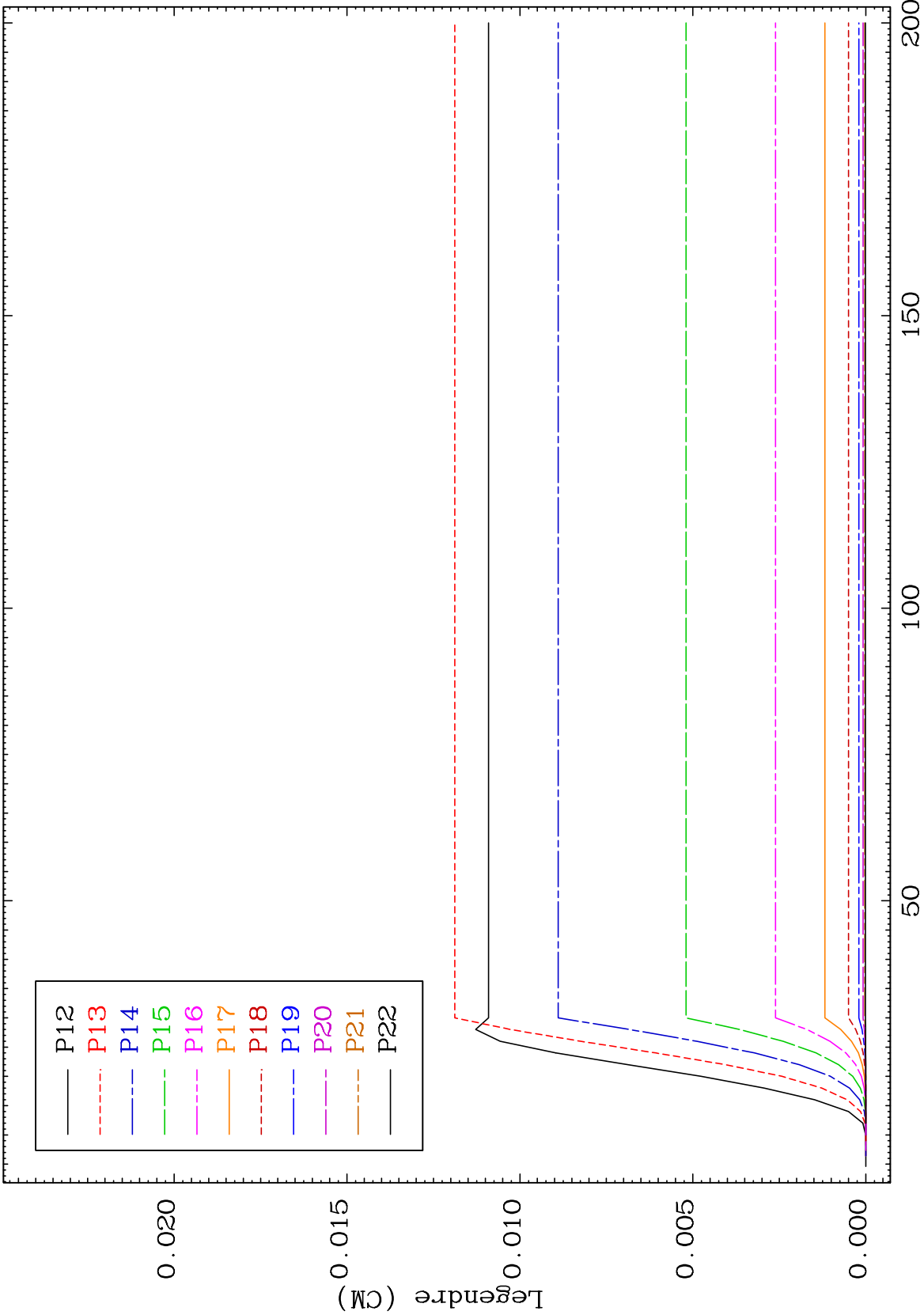
Incident Energy (MeV)

20-Ca-43

MAT 2034

MT= 60 (n,n') Level
Legendre Coefficients

20-Ca-43



46

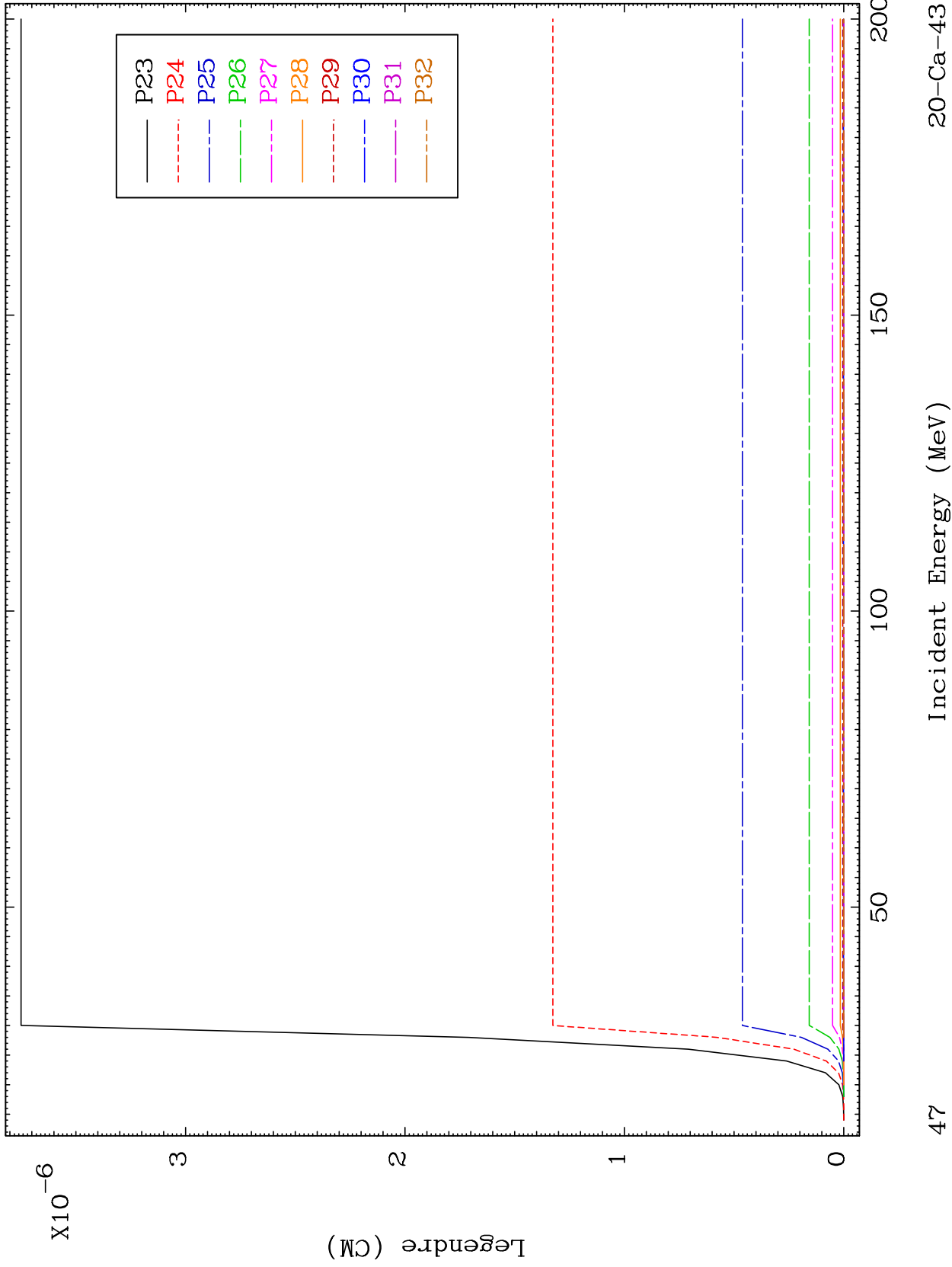
Incident Energy (MeV)

20-Ca-43

MAT 2034

MT= 60 (n,n') Level
Legendre Coefficients

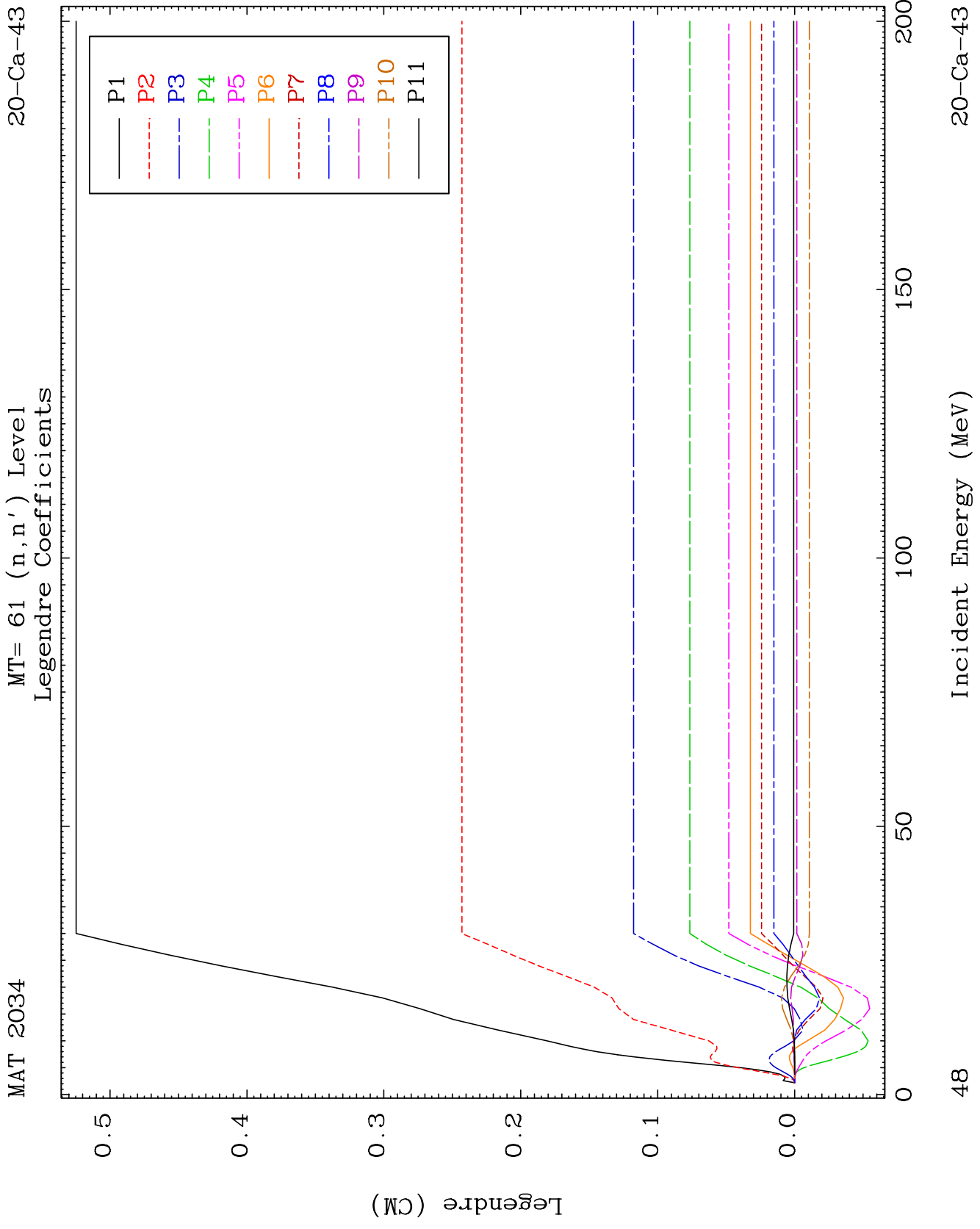
20-Ca-43



47

Incident Energy (MeV)

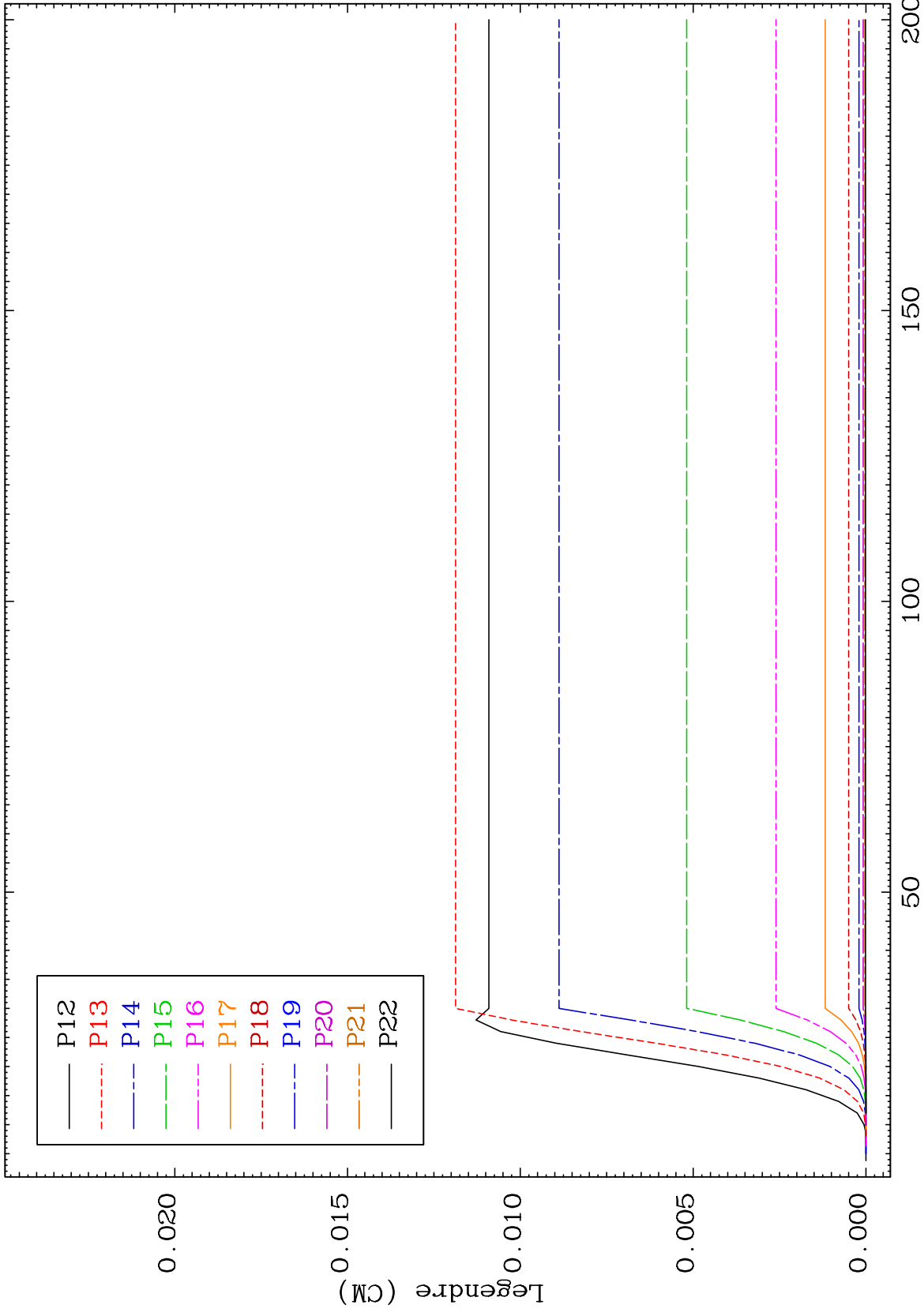
20-Ca-43



MAT 2034

MT= 61 (n,n') Level
Legendre Coefficients

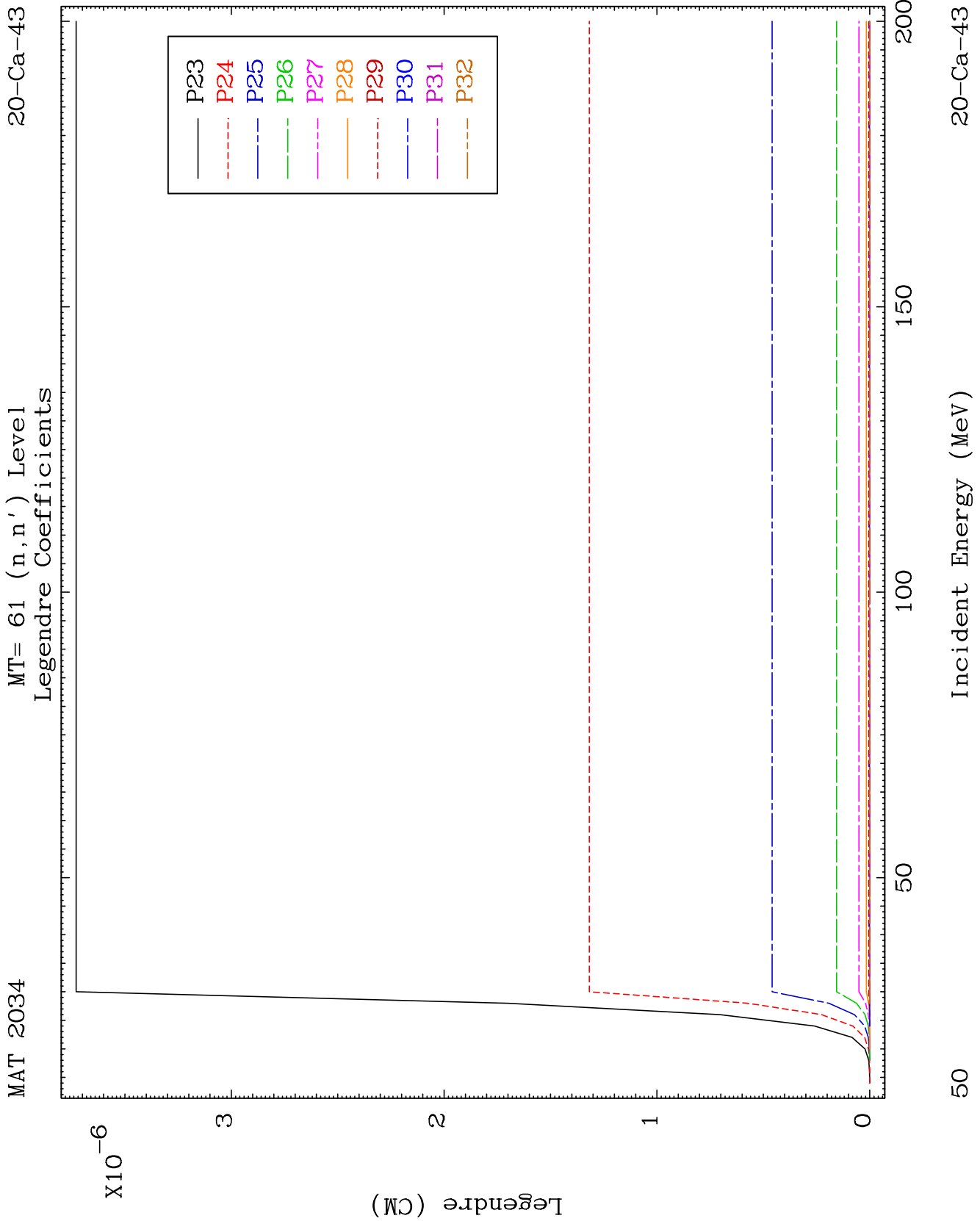
20-Ca-43

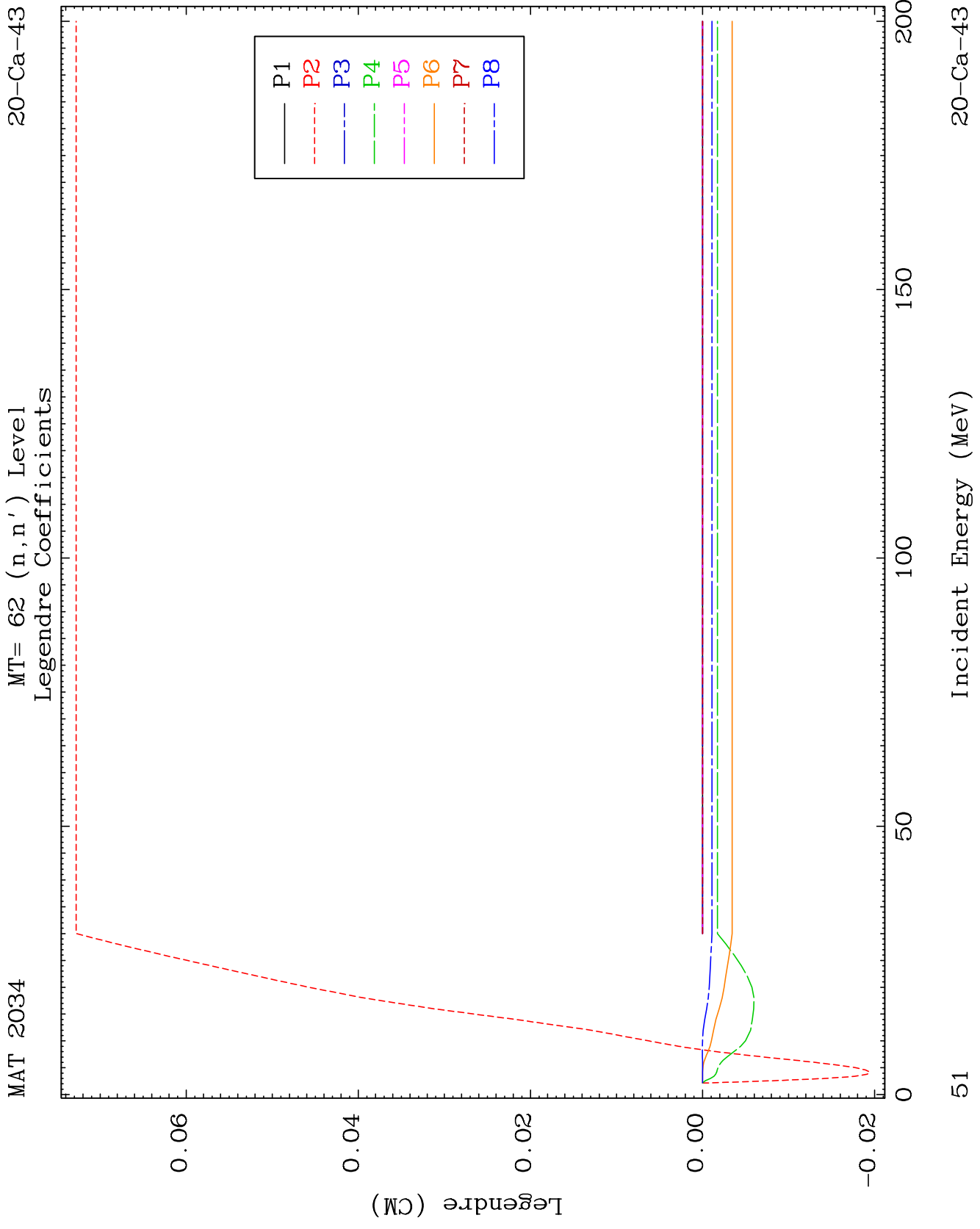


49

Incident Energy (MeV)

20-Ca-43

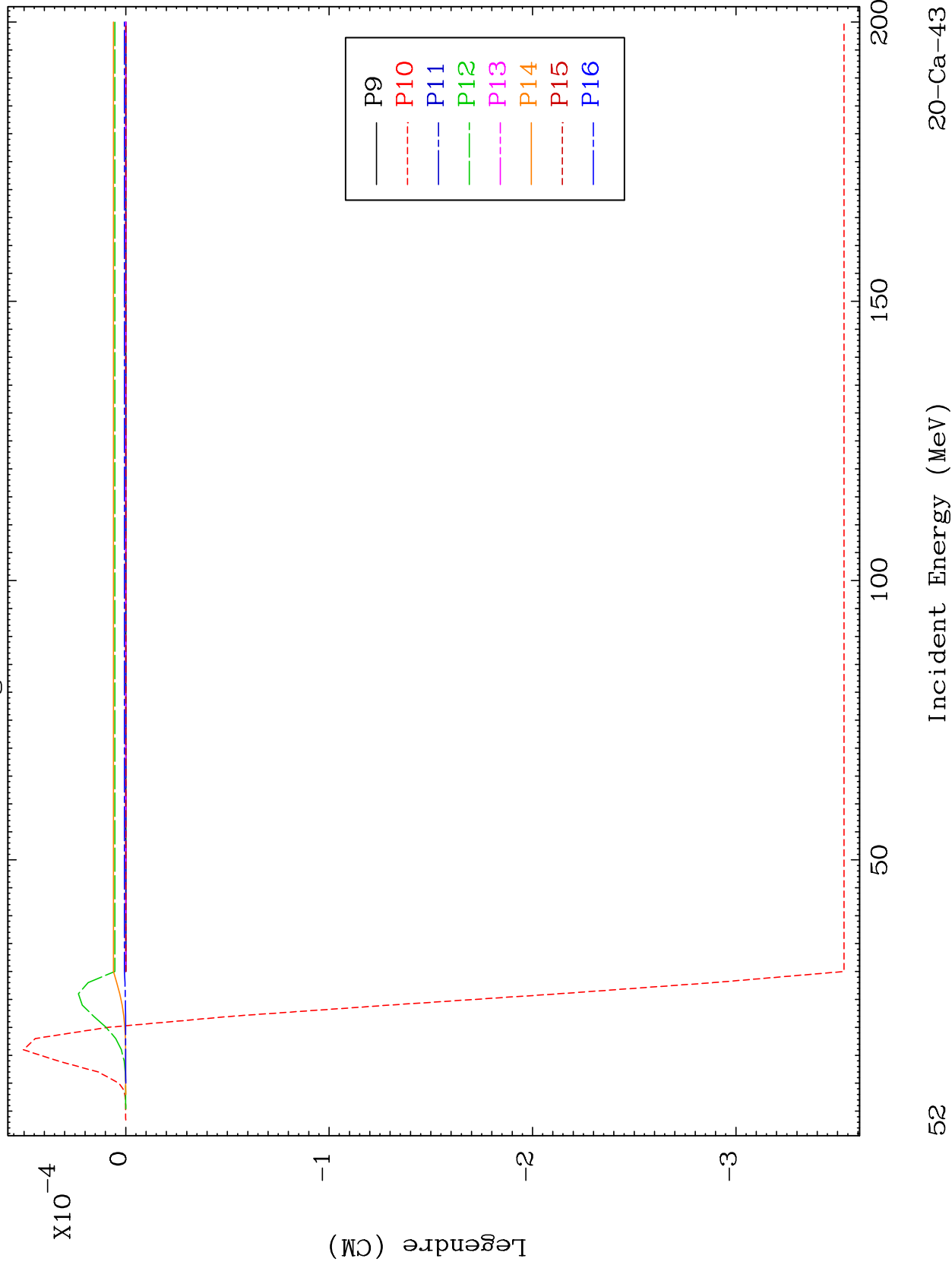




MAT 2034

MT= 62 (n,n') Level
Legendre Coefficients

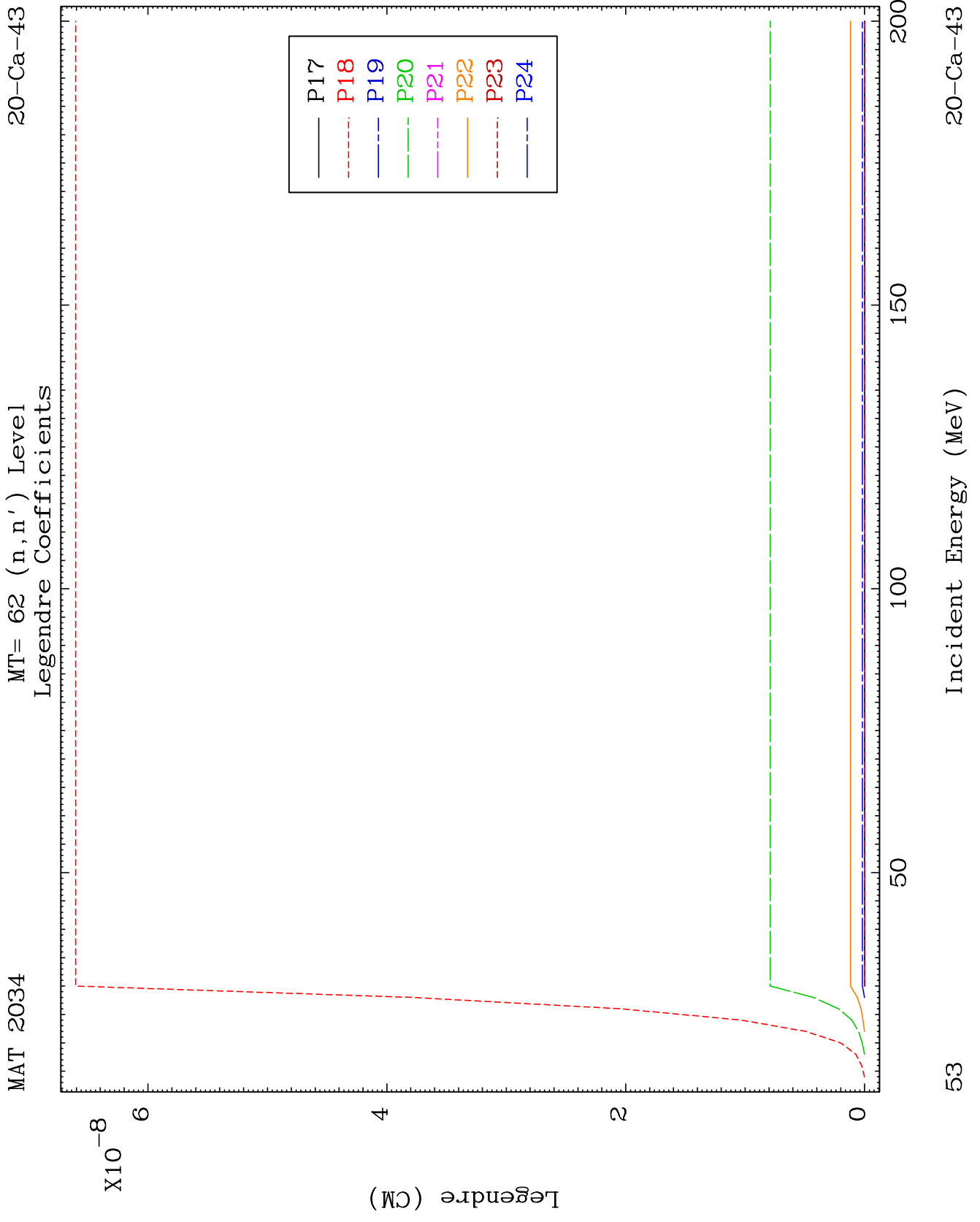
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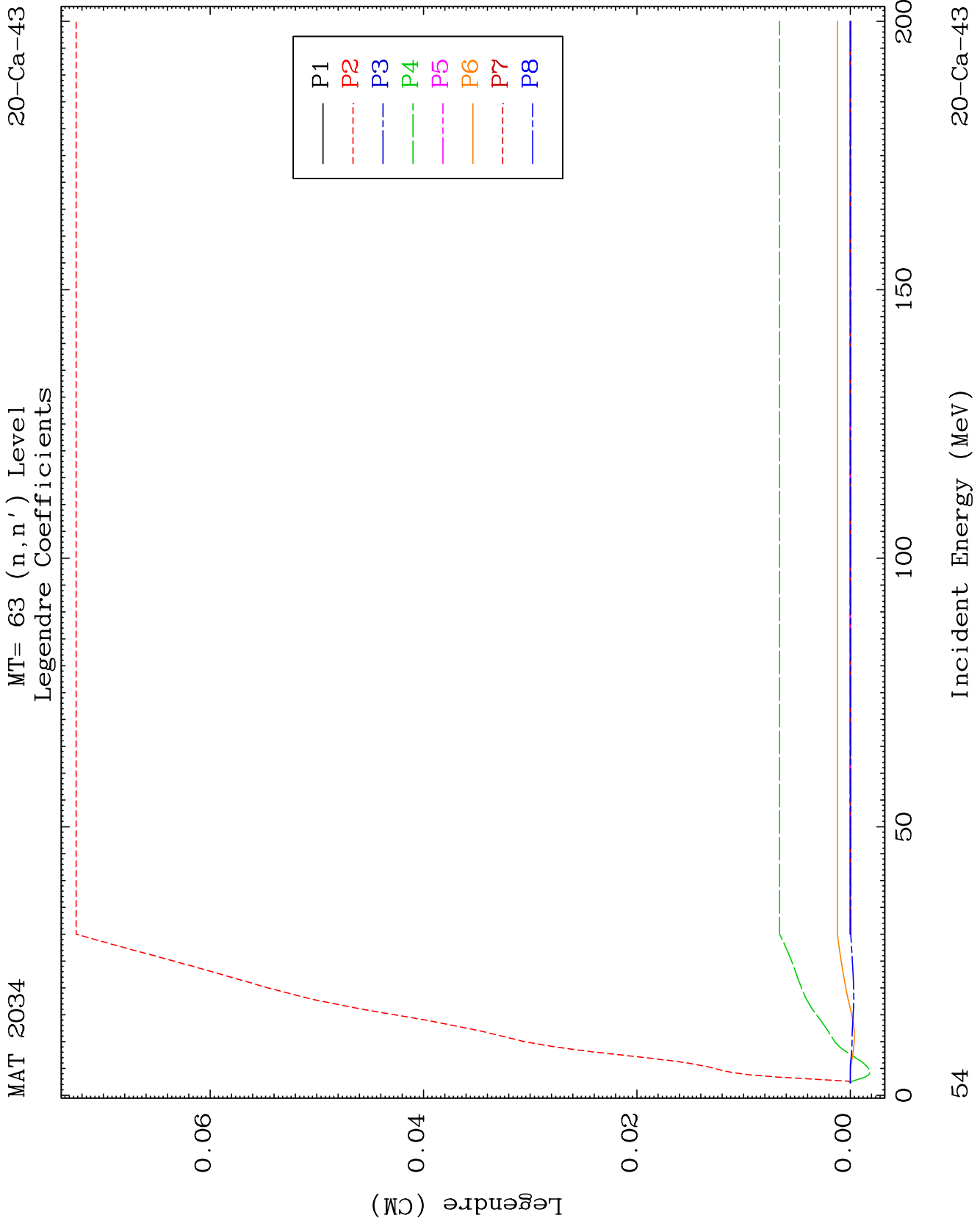


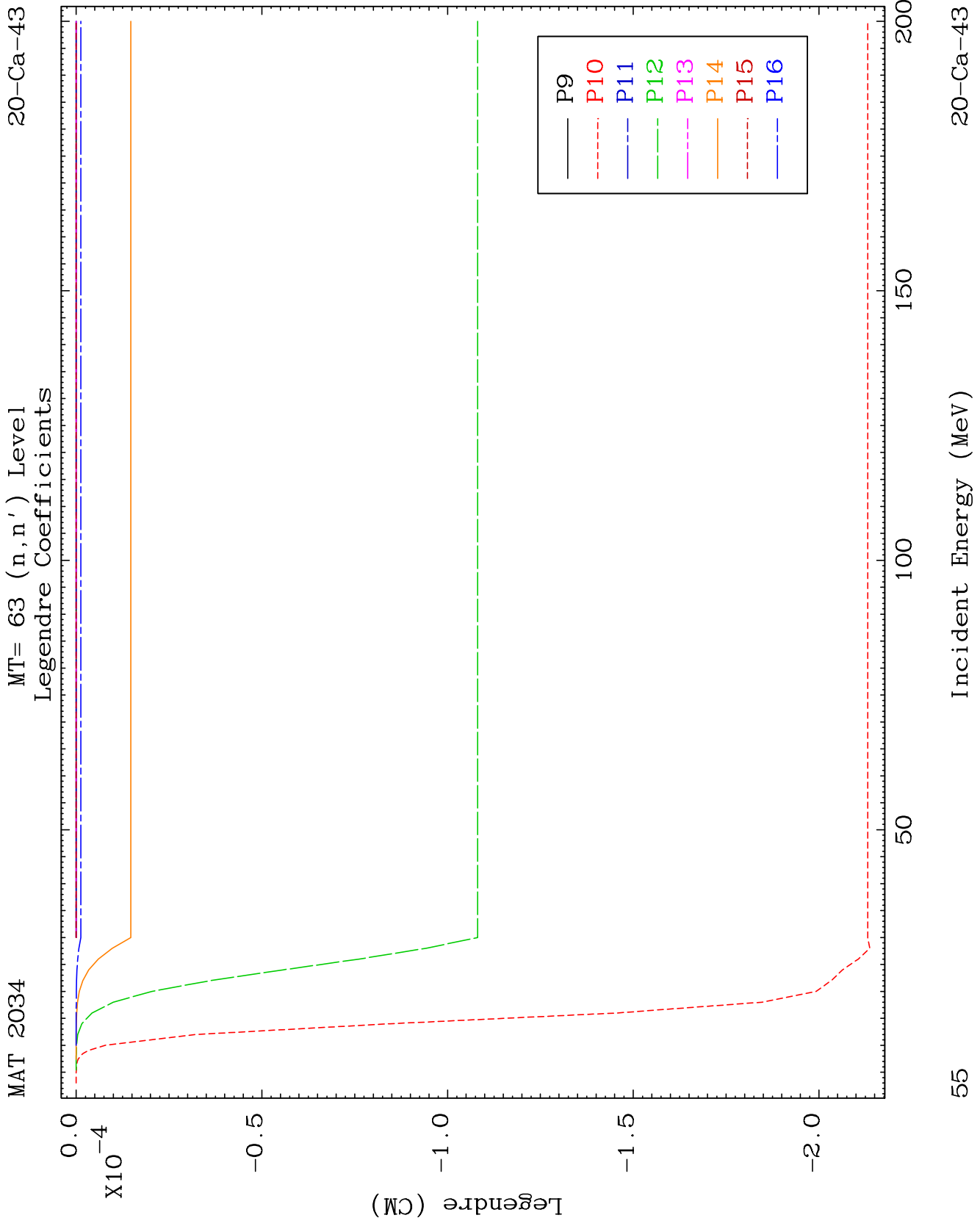
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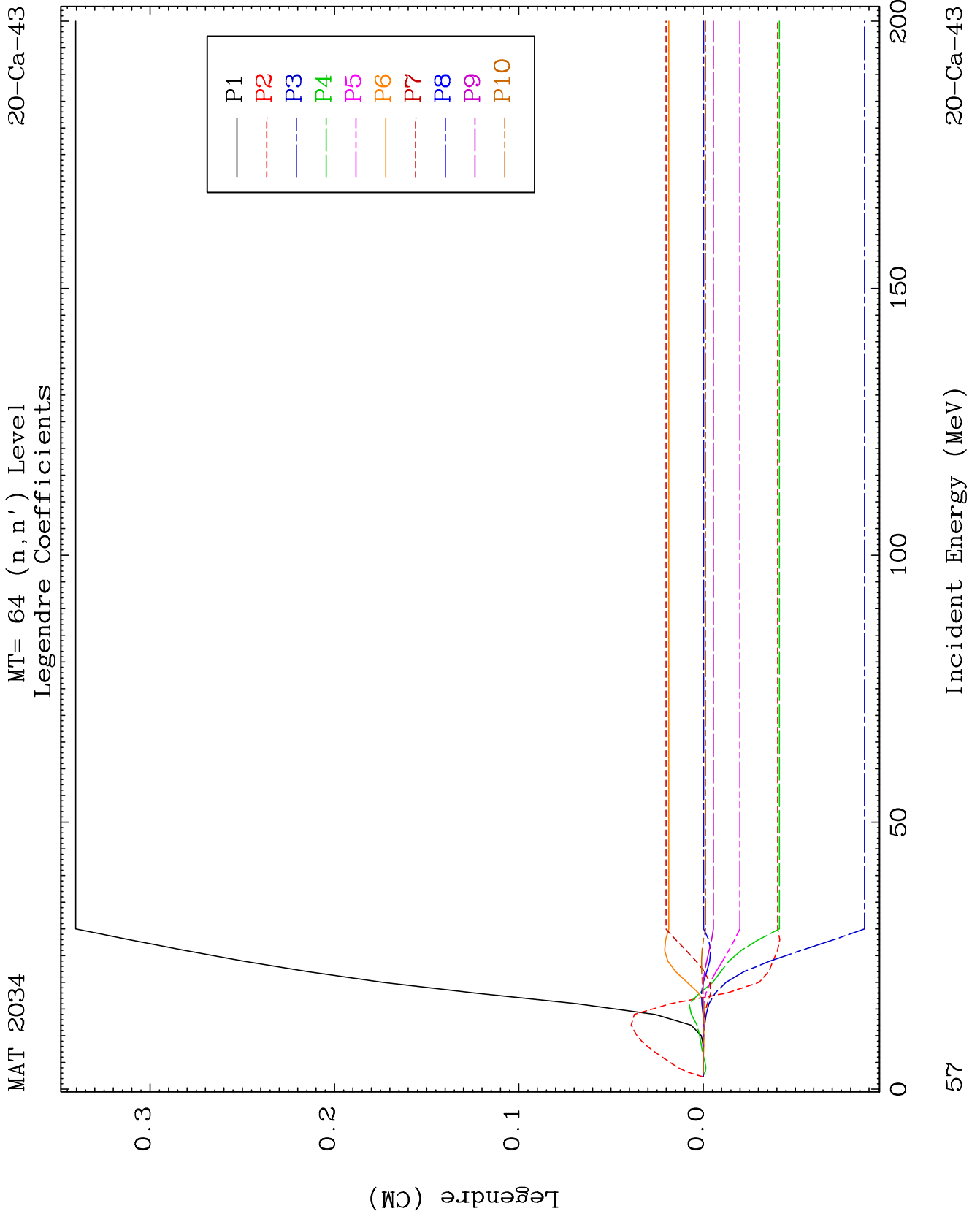
Incident Energy (MeV)

20-Ca-43





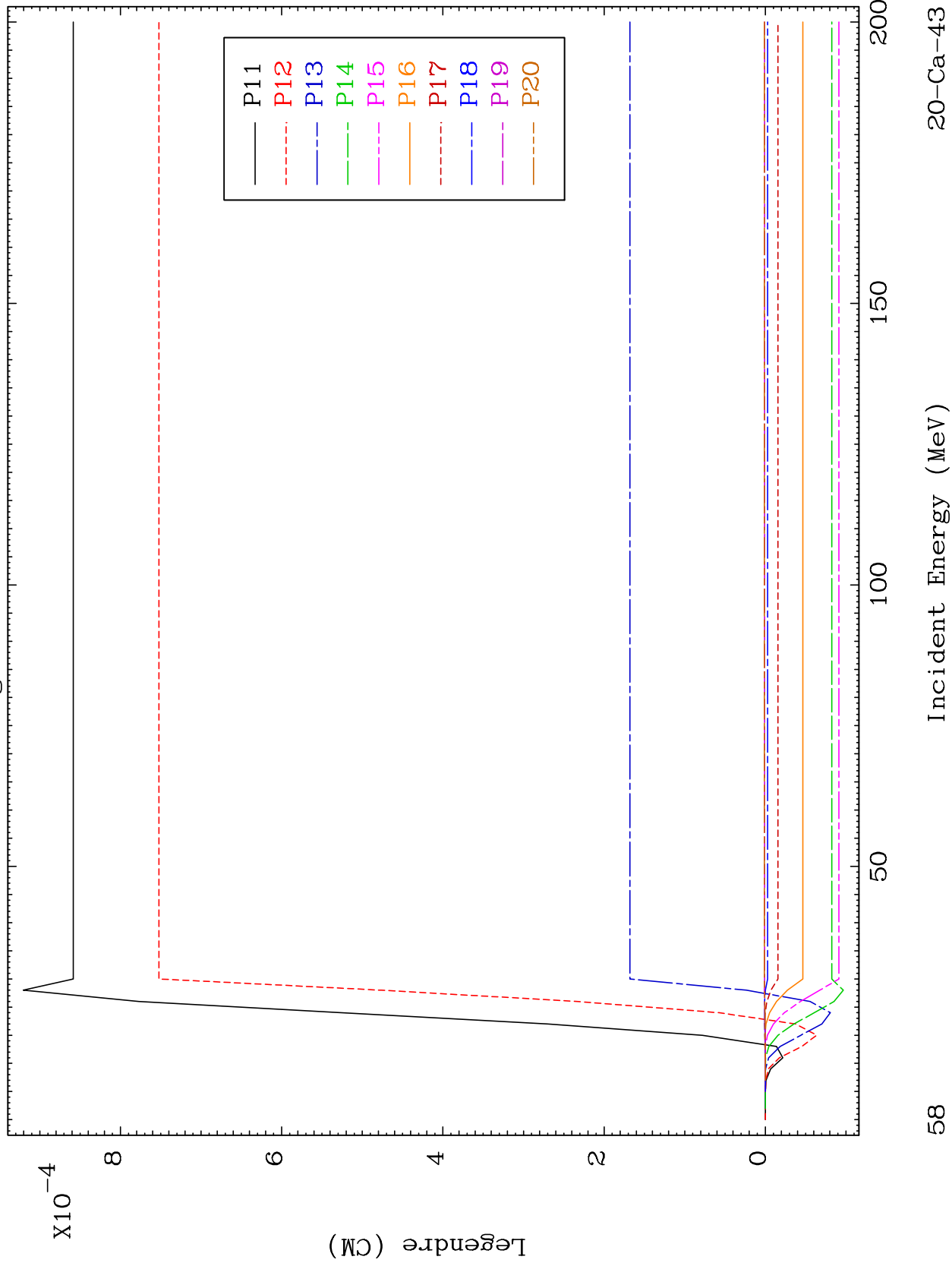




MAT 2034

MT= 64 (n,n') Level
Legendre Coefficients

20-Ca-43



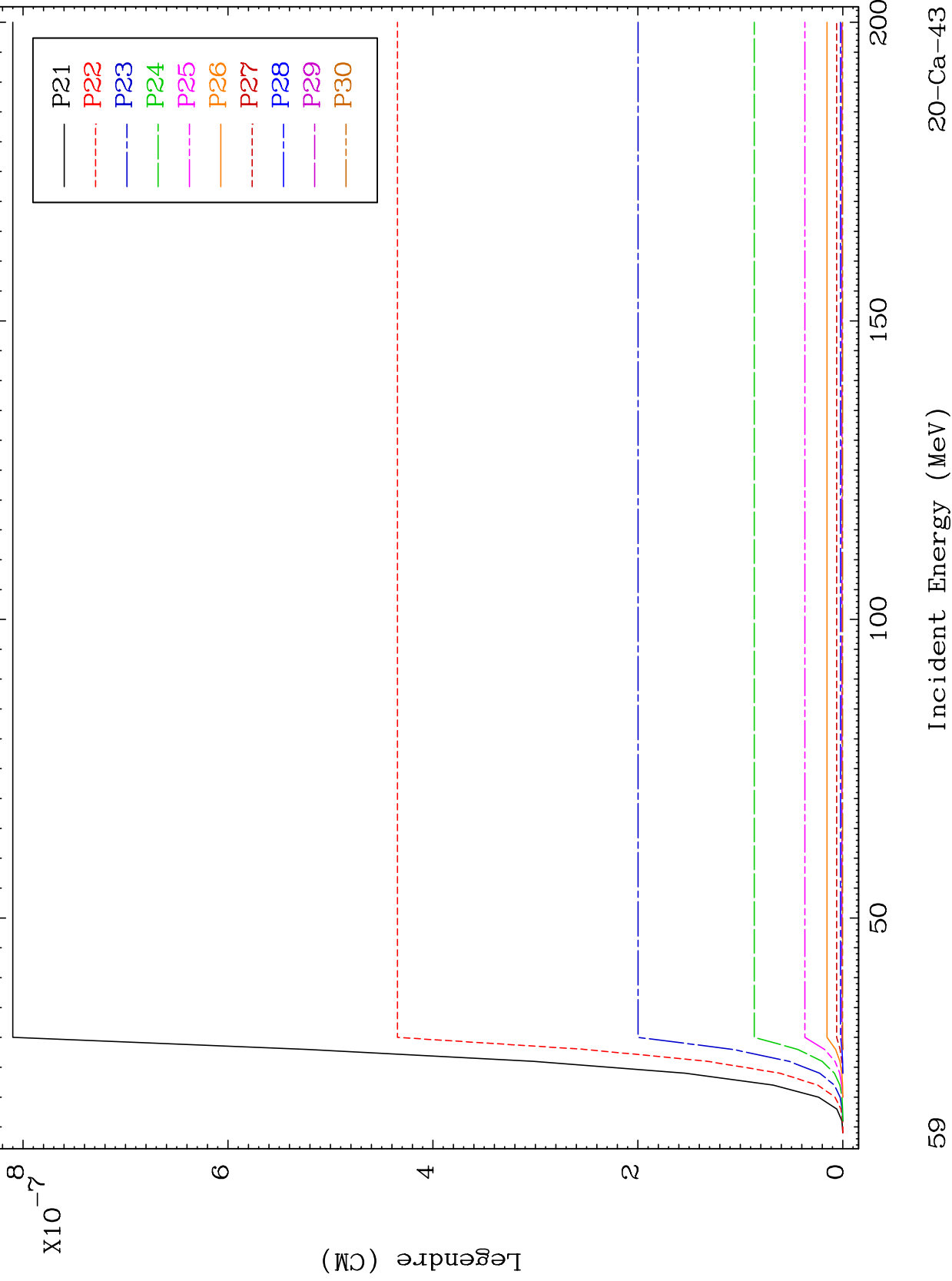
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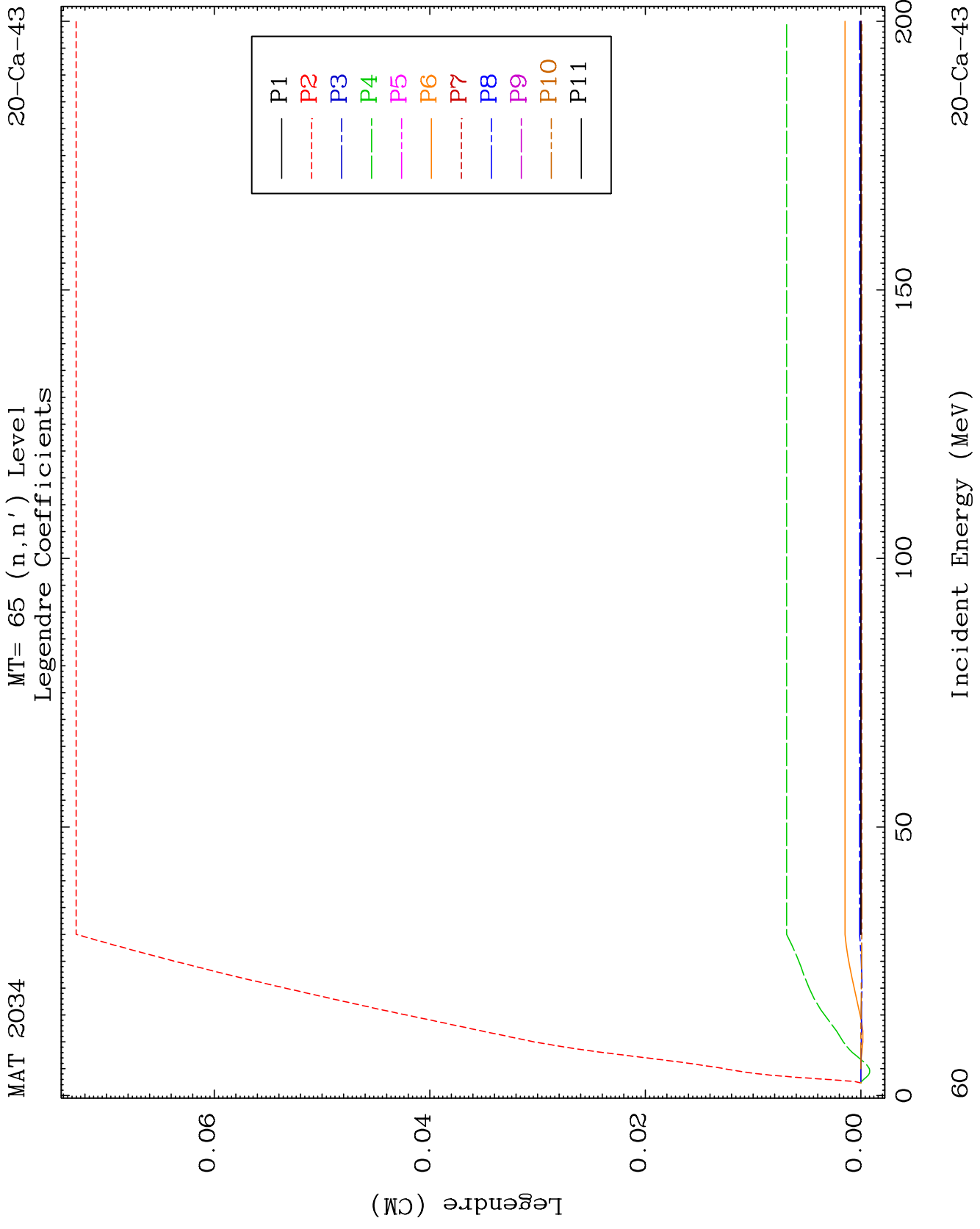
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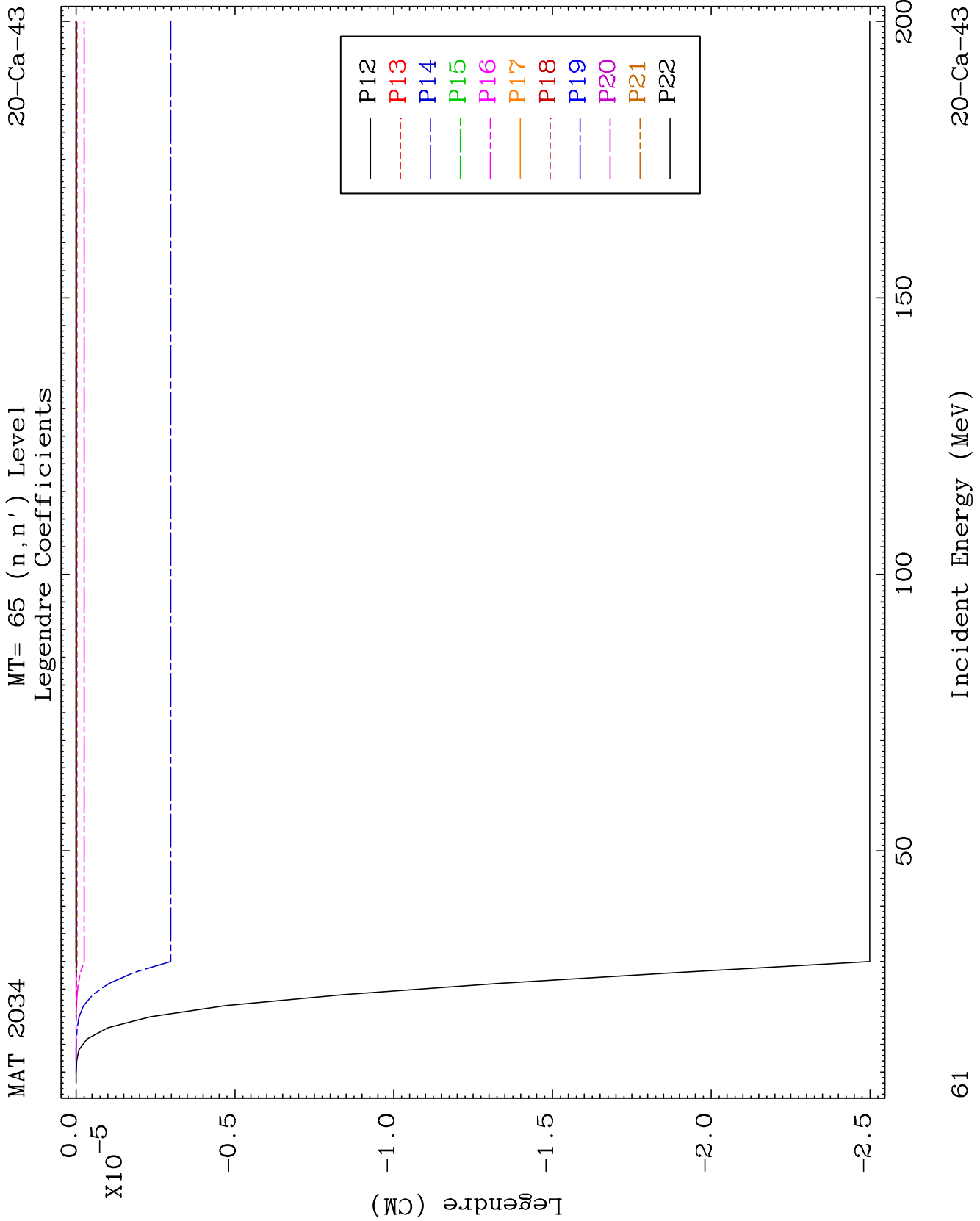
MAT 2034

MT= 64 (n,n') Level
Legendre Coefficients

20-Ca-43



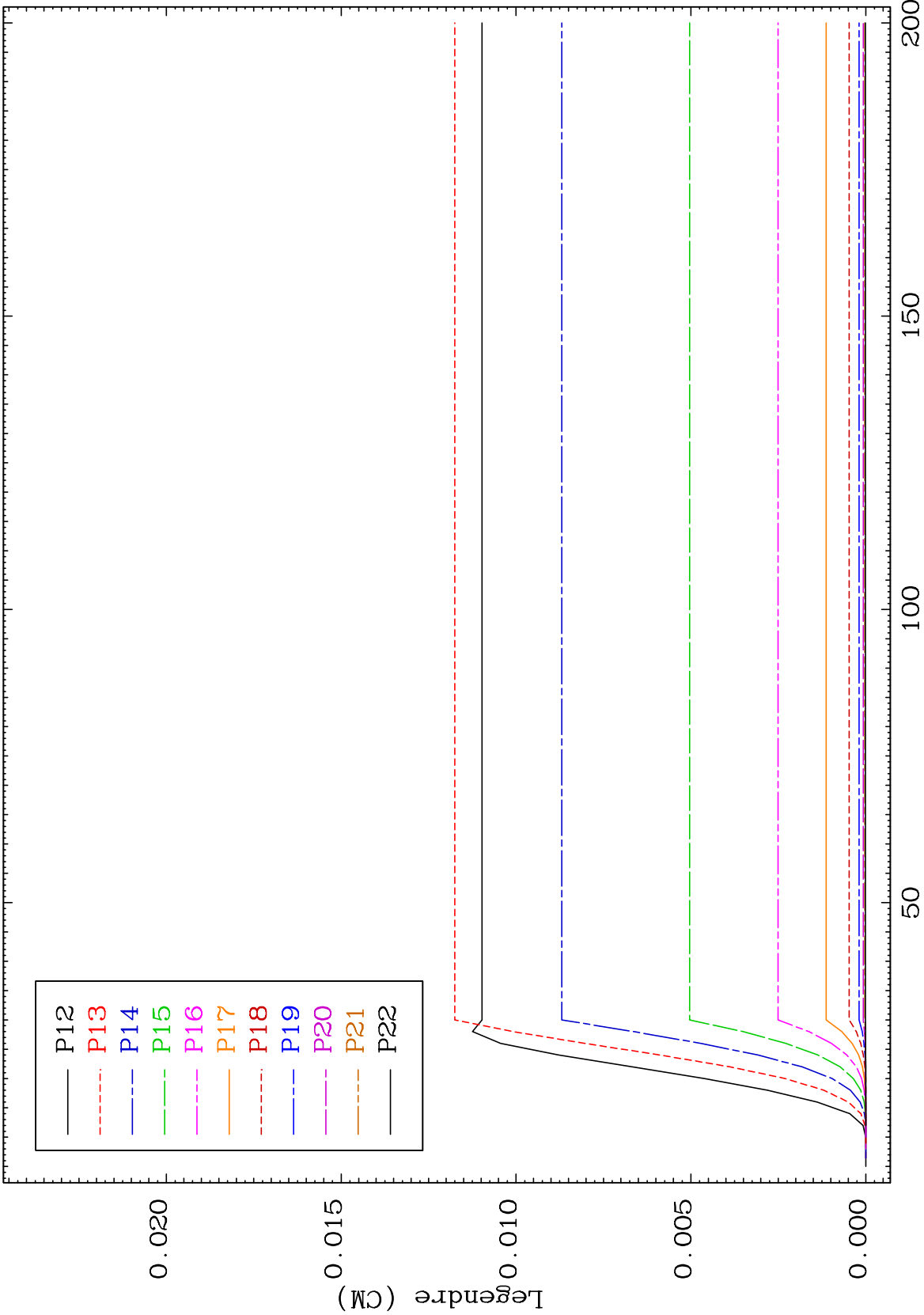




MAT 2034

MT= 66 (n,n') Level
Legendre Coefficients

20-Ca-43



63

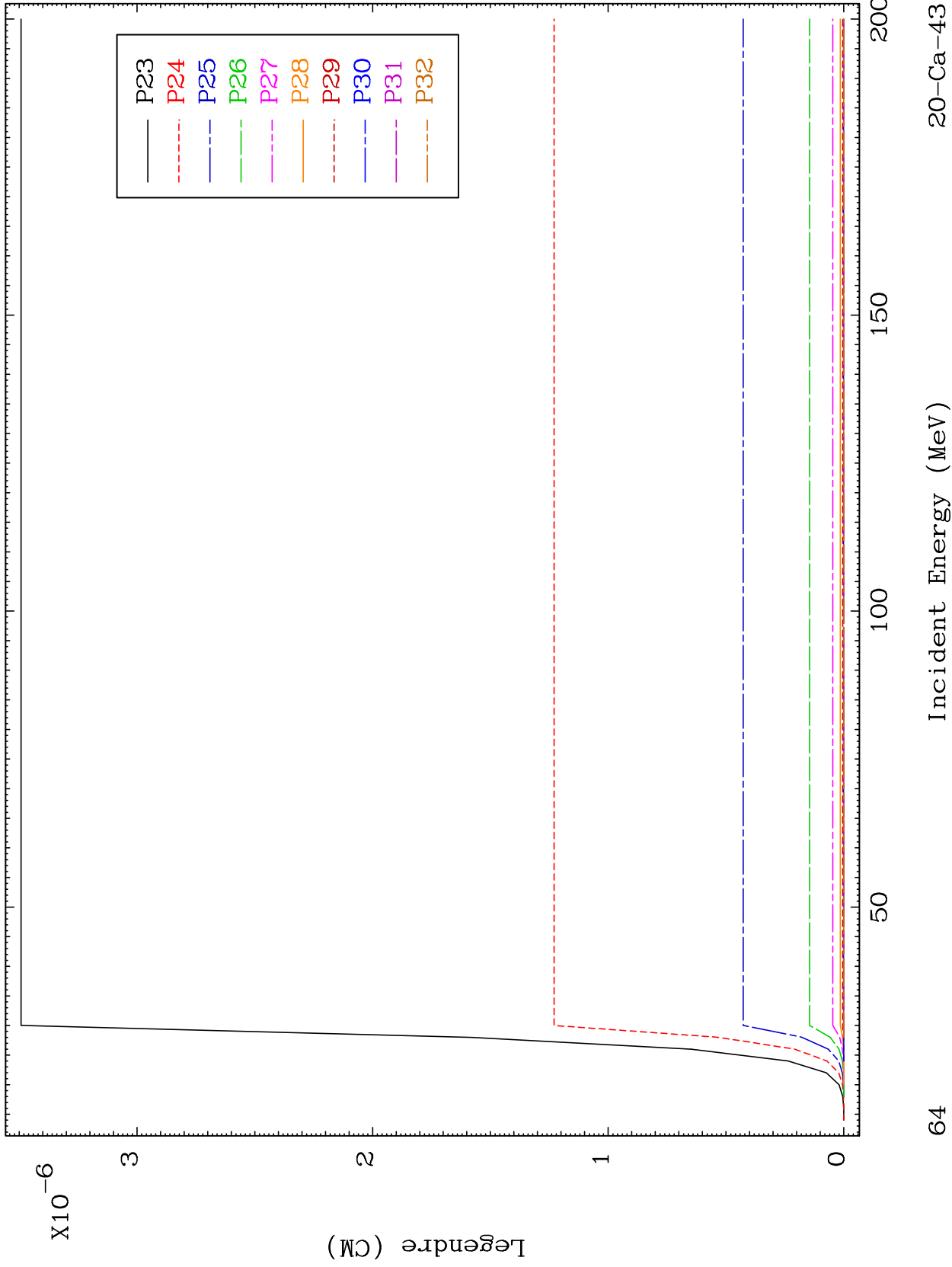
Incident Energy (MeV)

20-Ca-43

MAT 2034

MT= 66 (n,n') Level
Legendre Coefficients

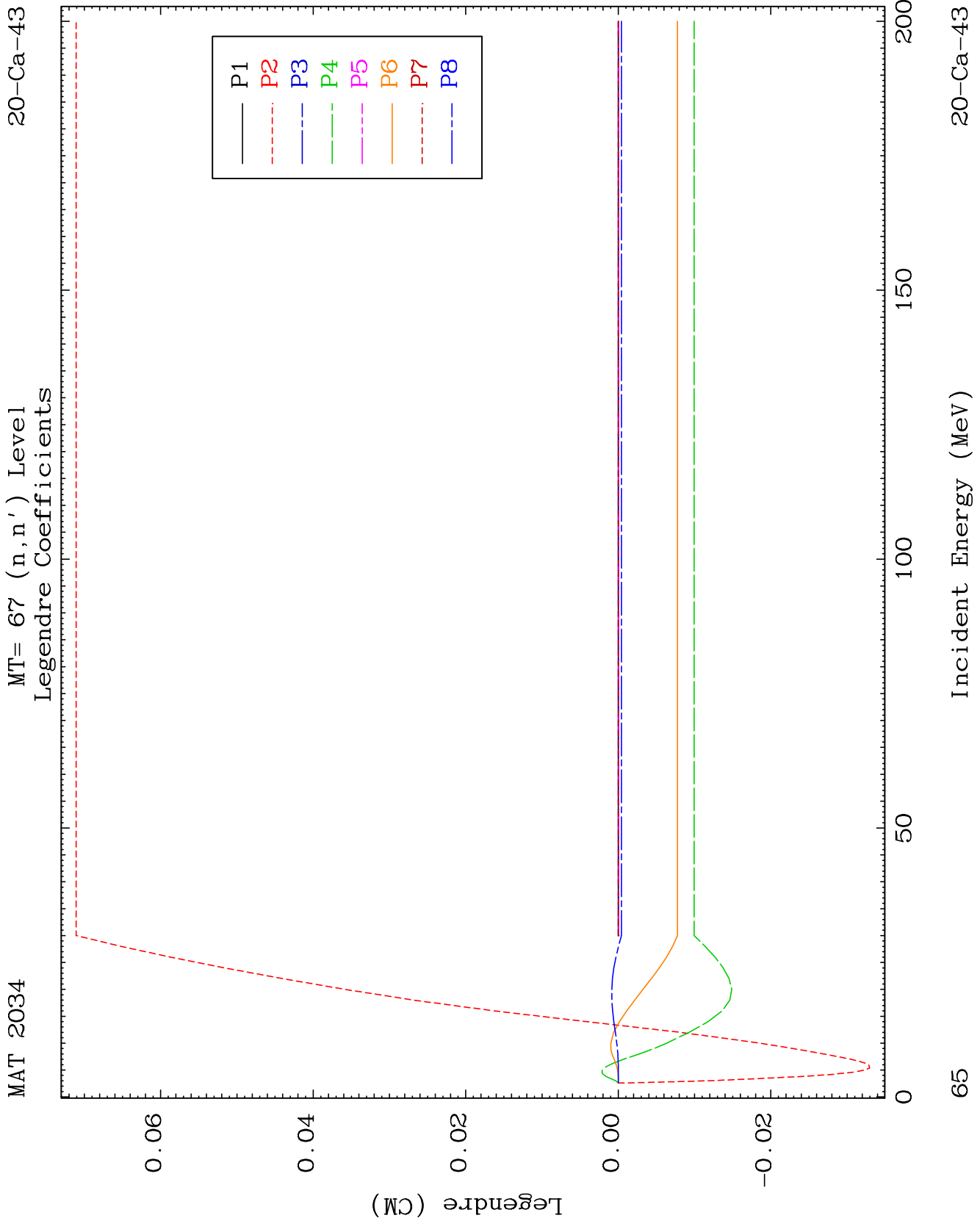
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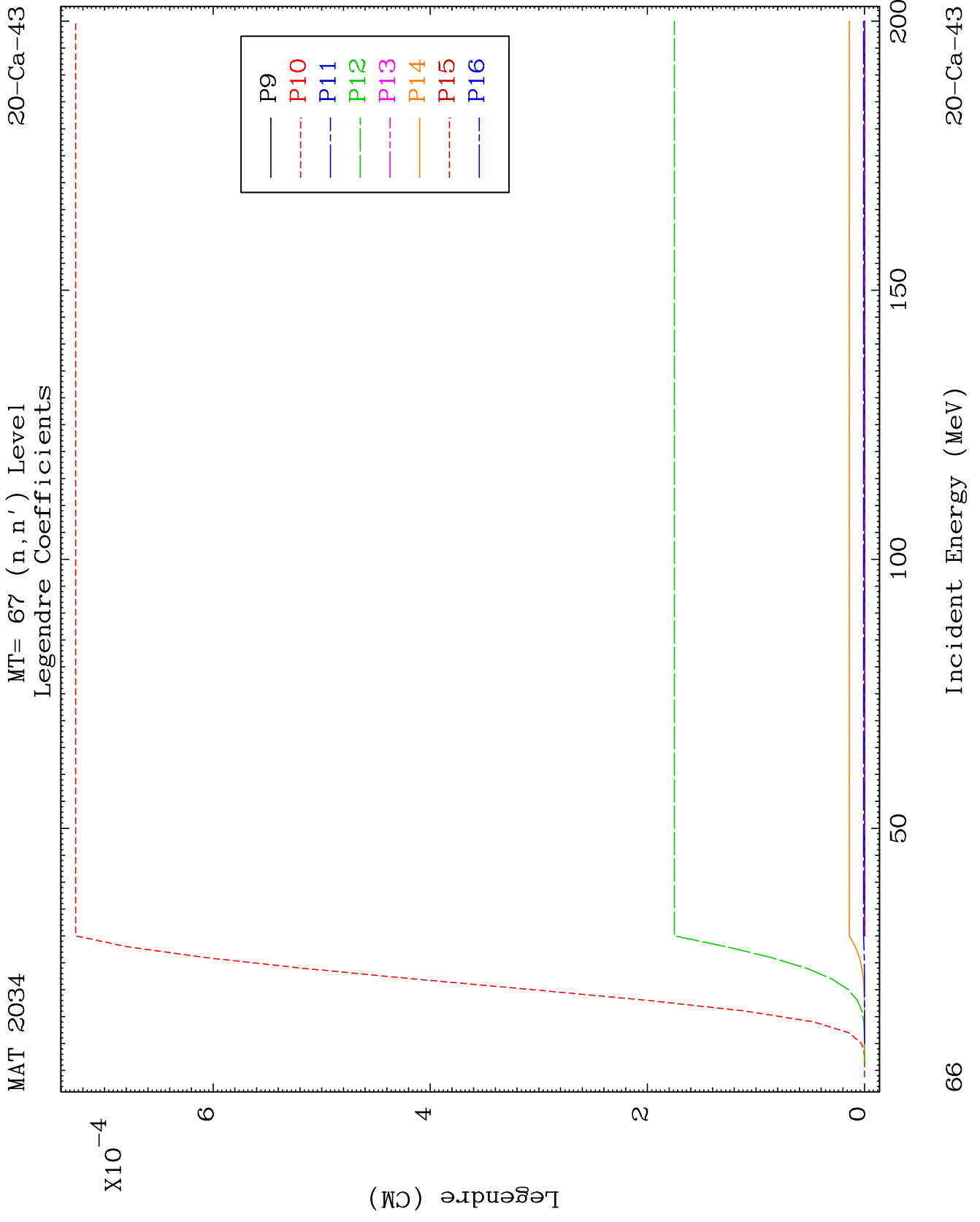


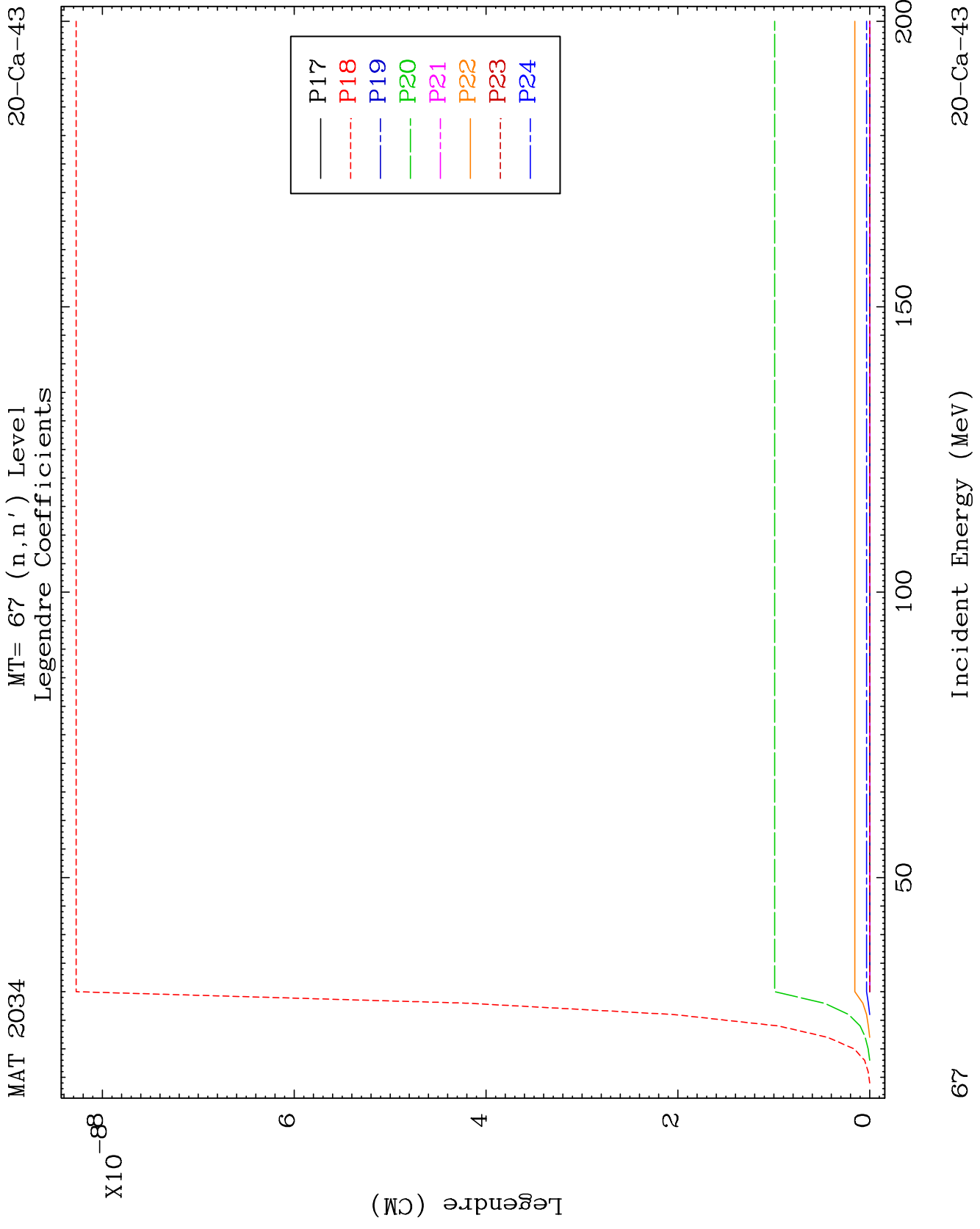
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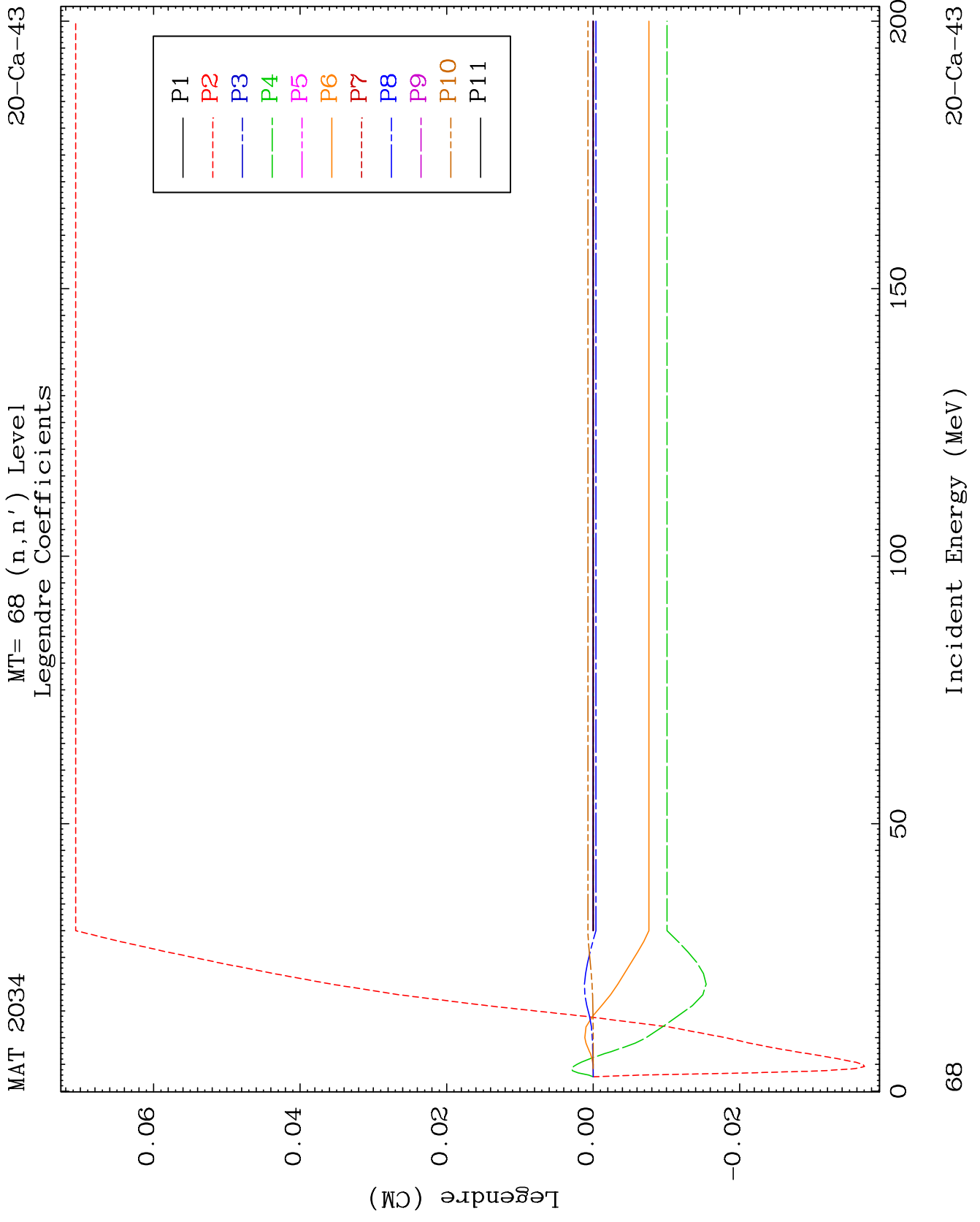
Incident Energy (MeV)

20-Ca-43





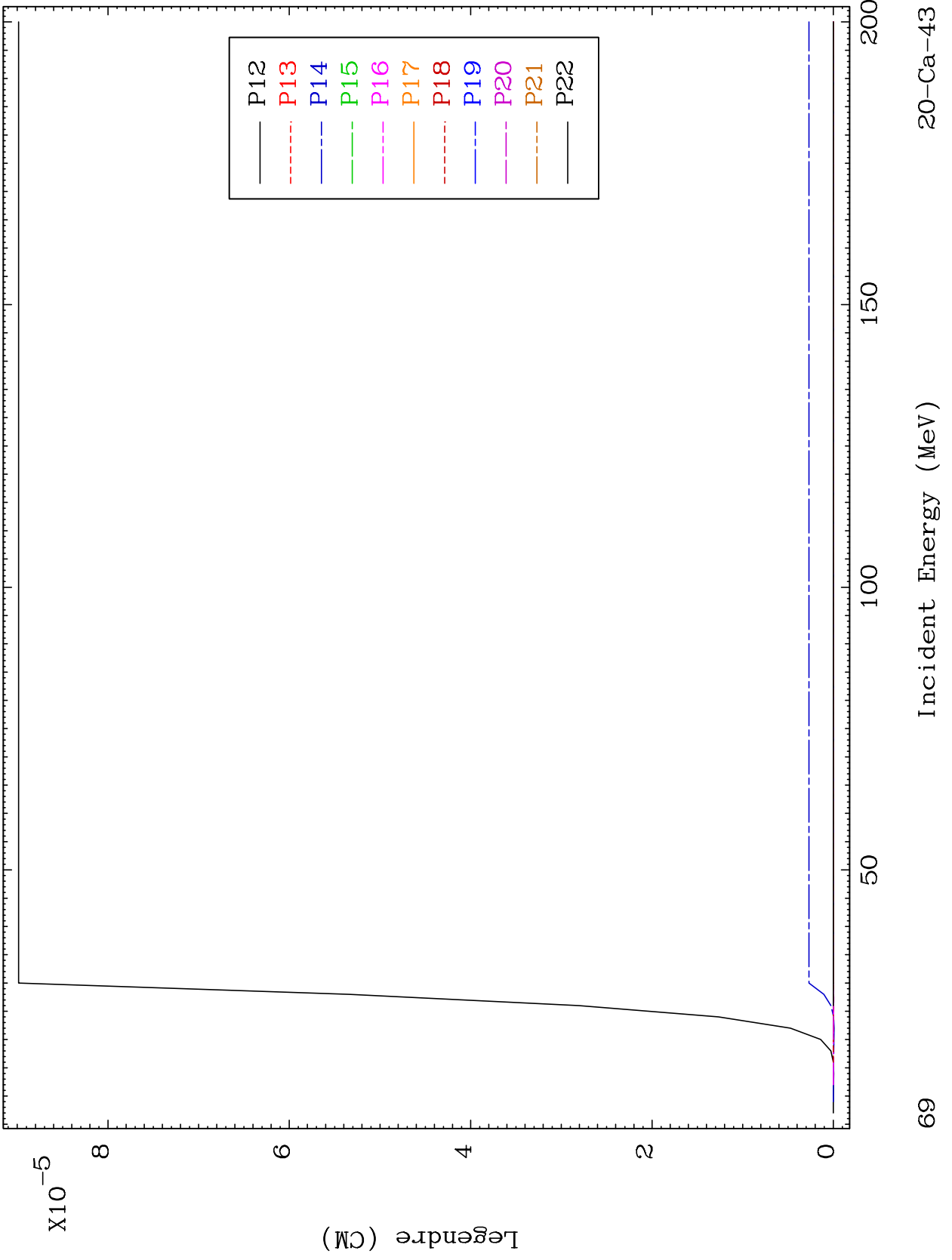


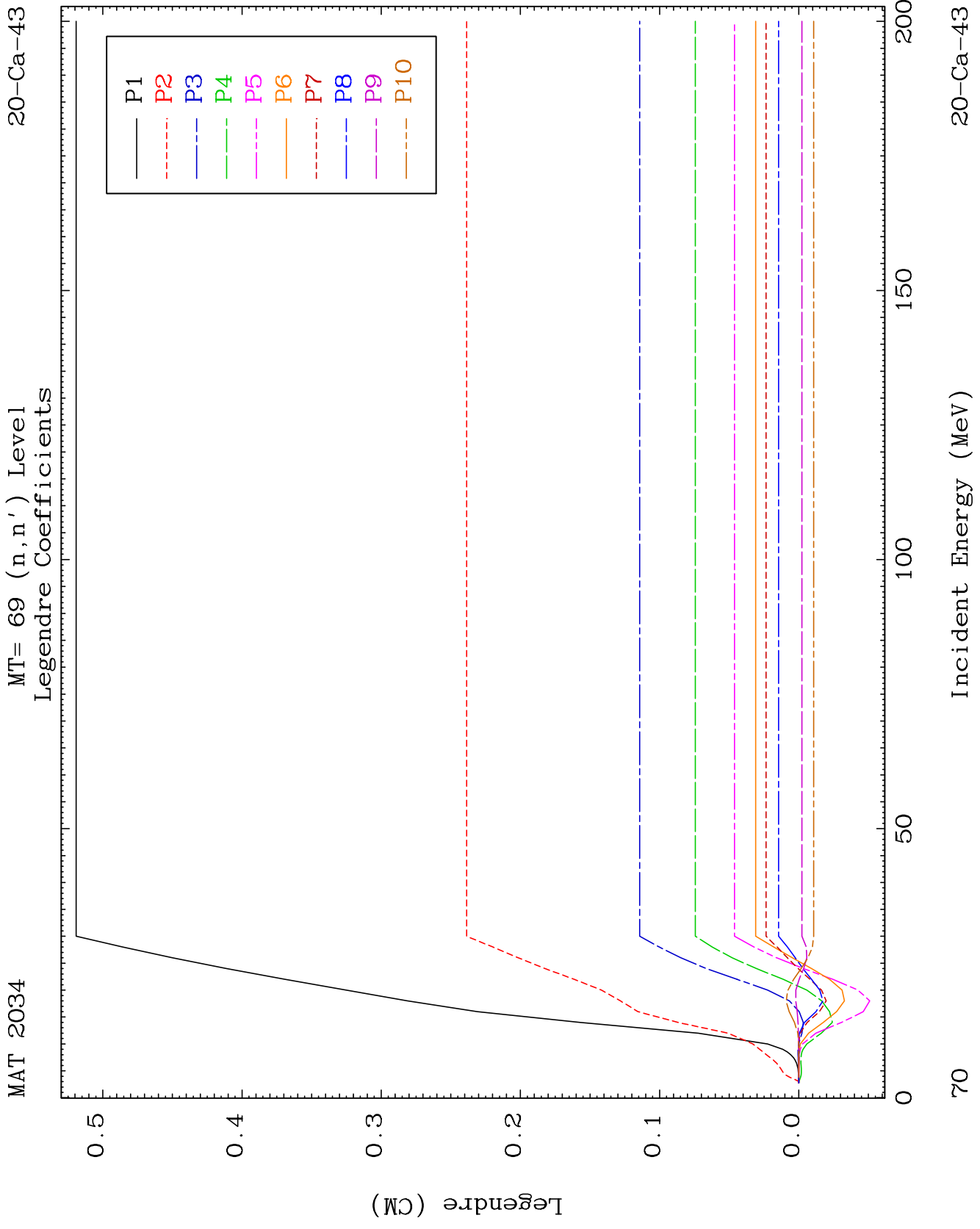


MAT 2034

MT= 68 (n,n') Level
Legendre Coefficients

20-Ca-43

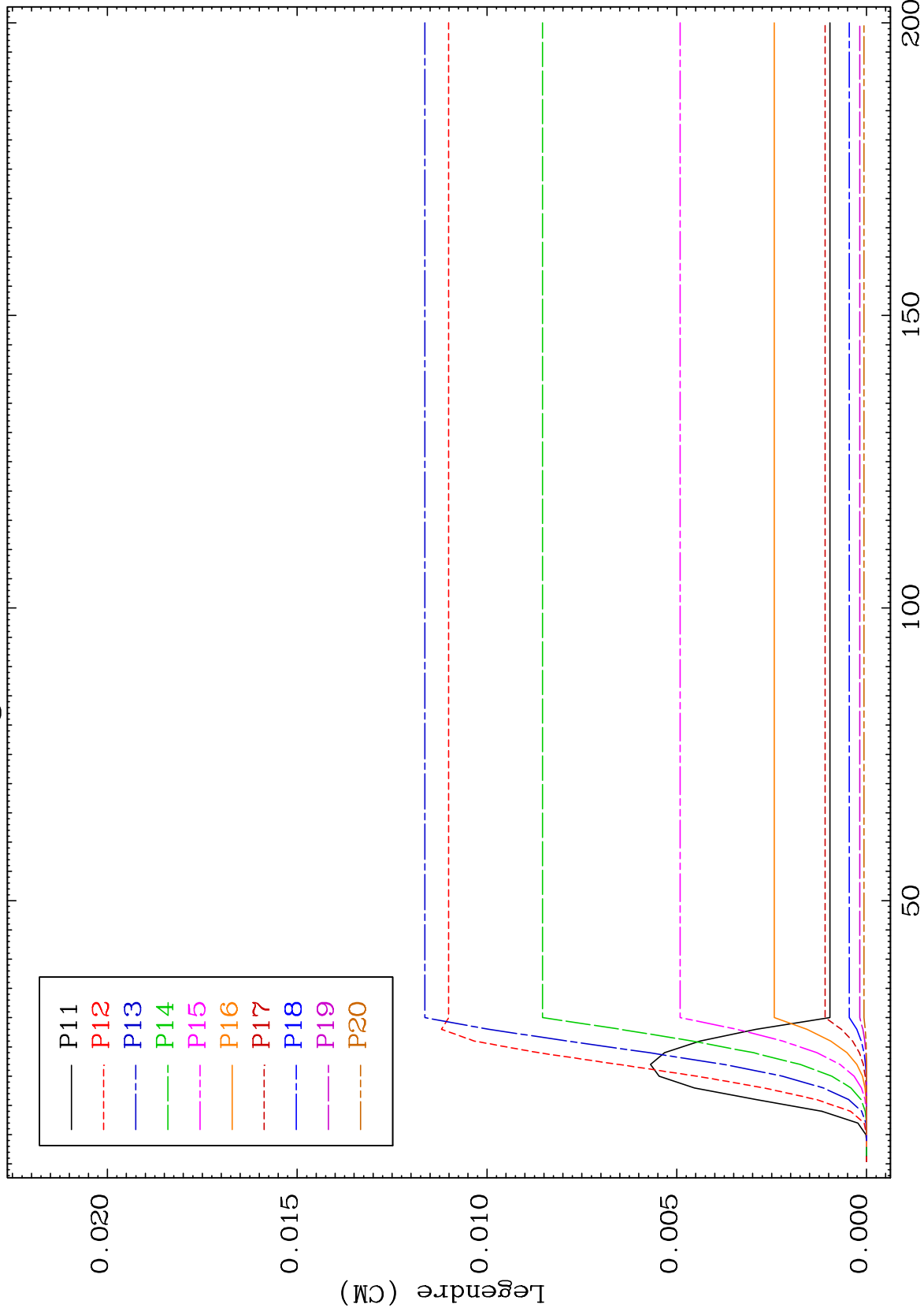




MAT 2034

MT= 69 (n,n') Level
Legendre Coefficients

20-Ca-43



71

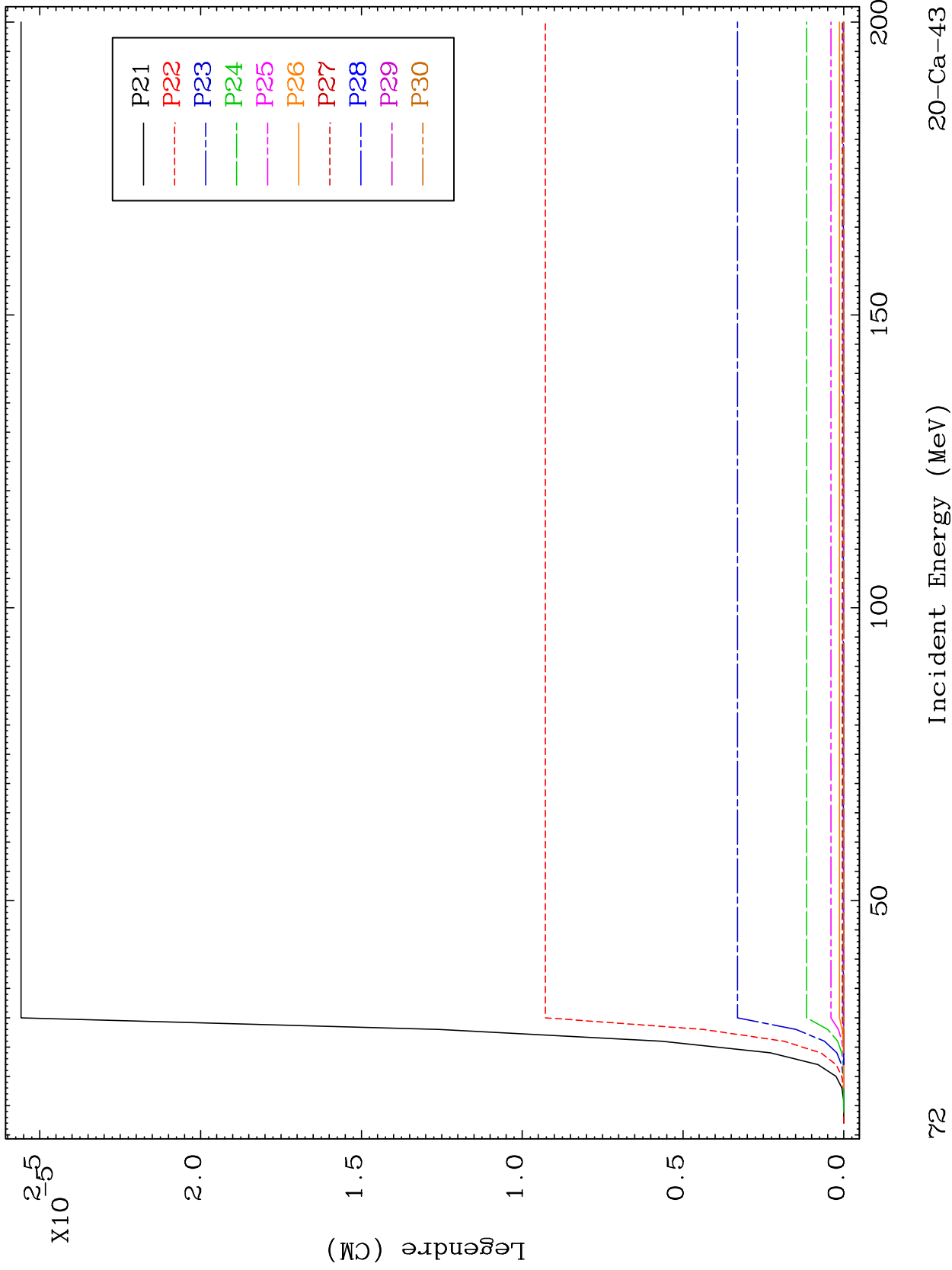
Incident Energy (MeV)

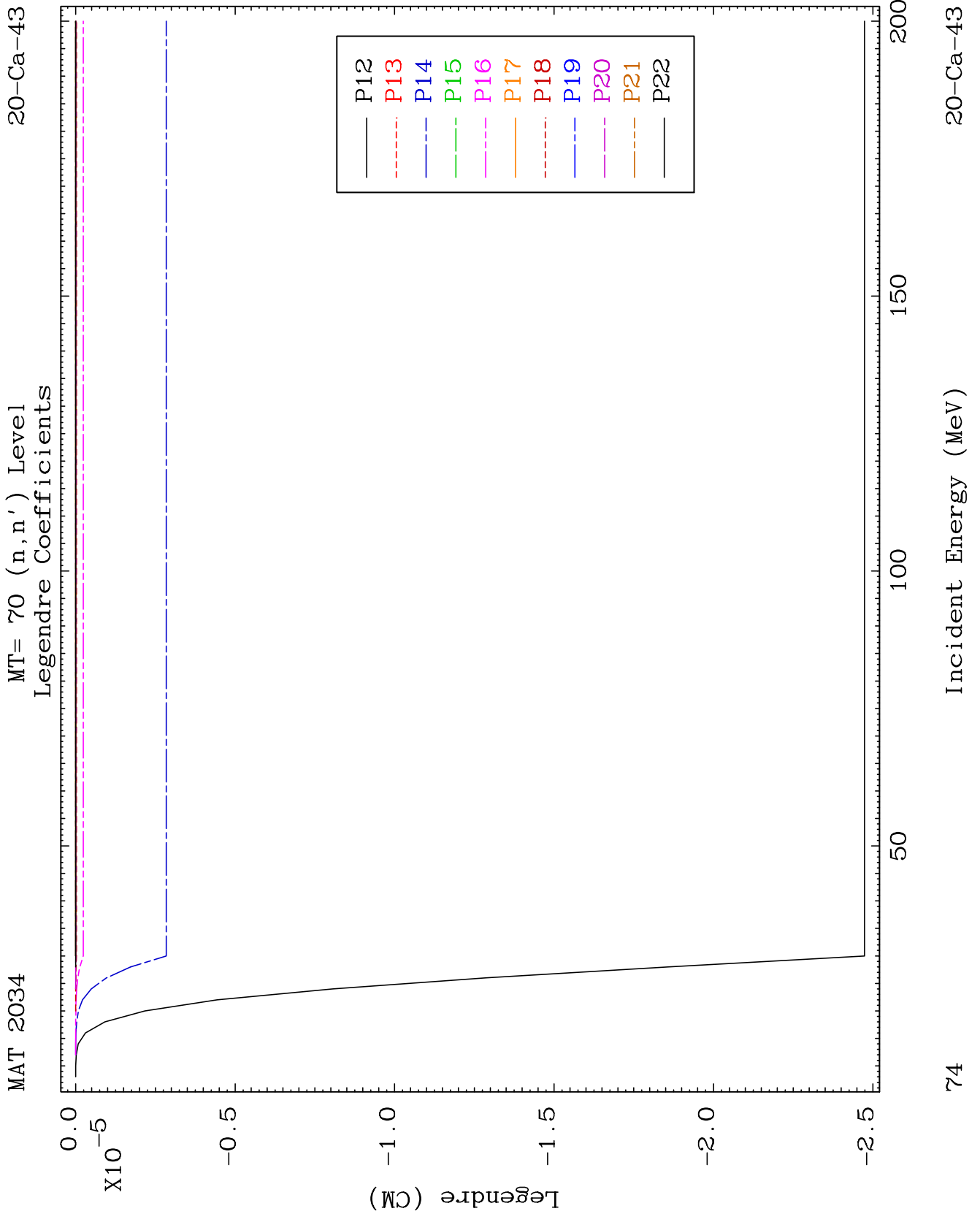
20-Ca-43

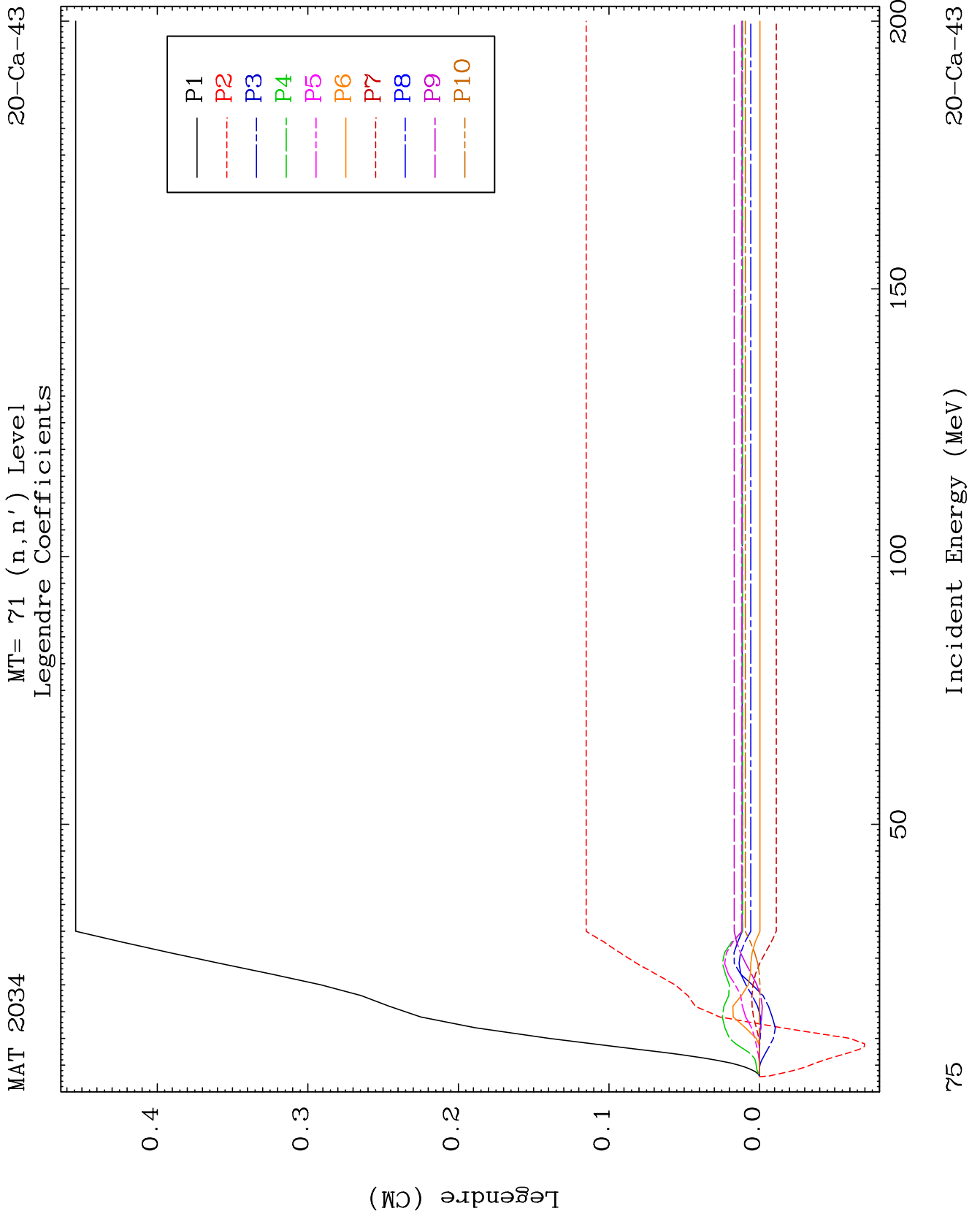
MAT 2034

MT= 69 (n,n') Level
Legendre Coefficients

20-Ca-43



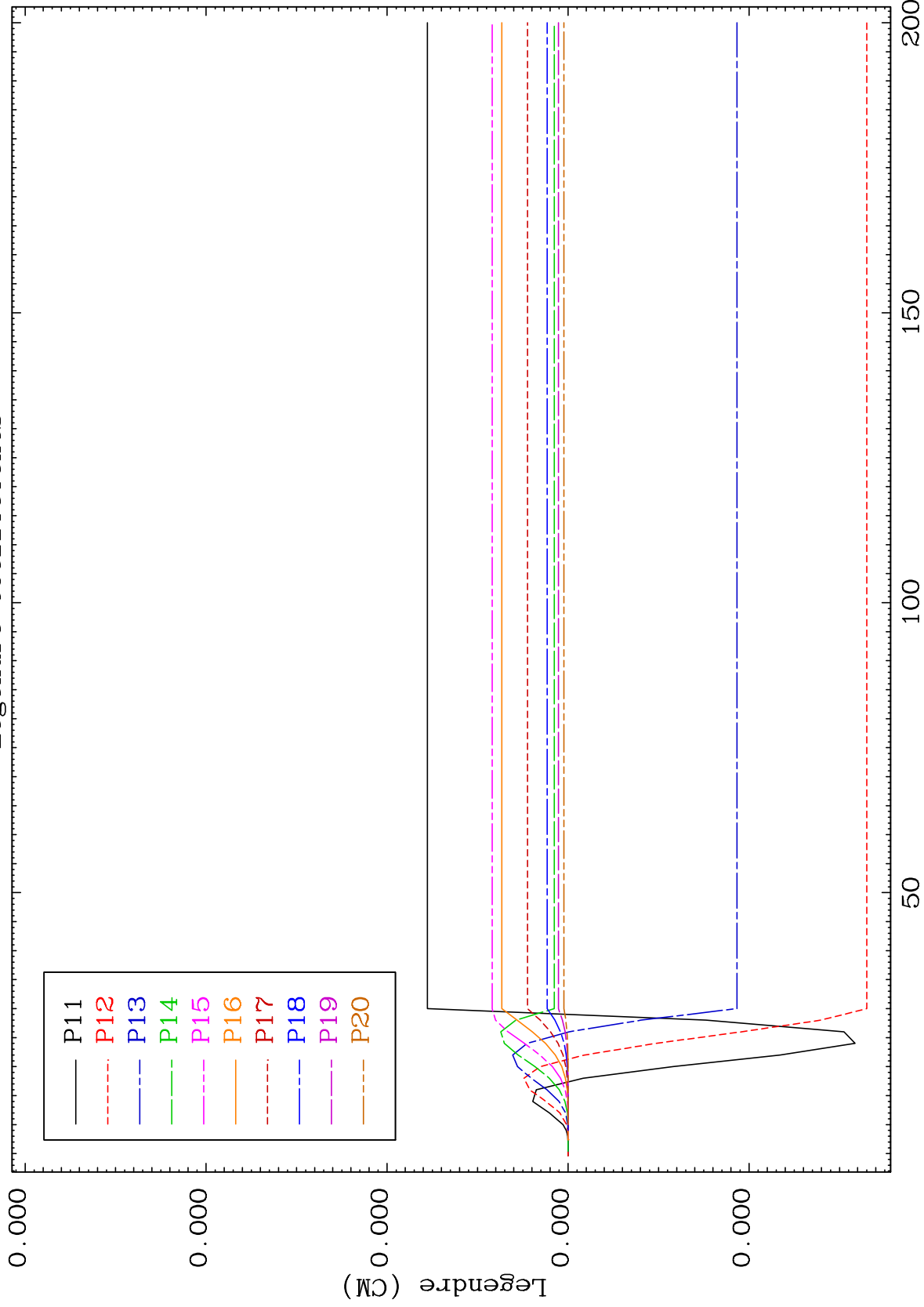




MAT 2034

MT= 71 (n,n') Level
Legendre Coefficients

20-Ca-43



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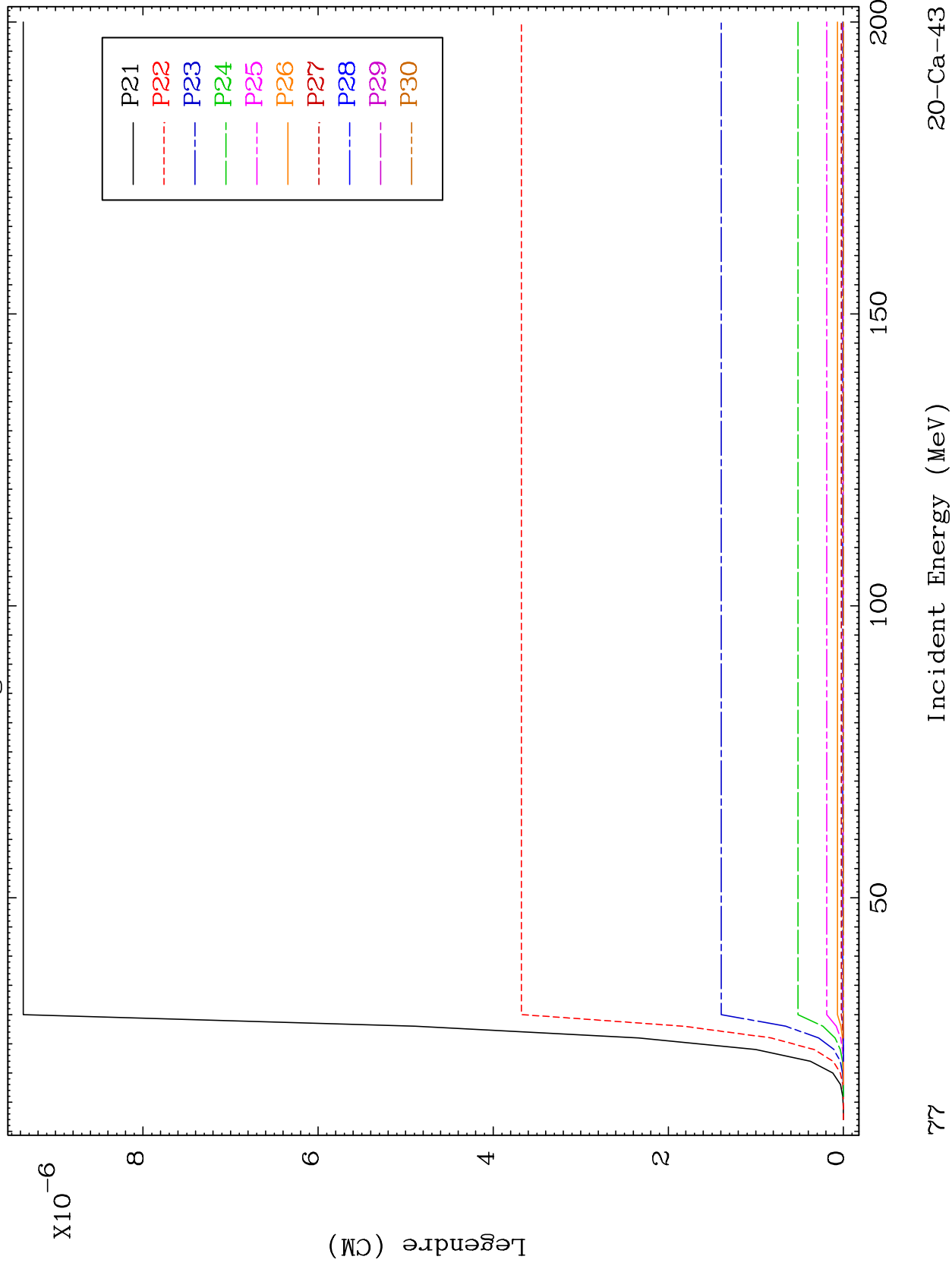
Incident Energy (MeV)

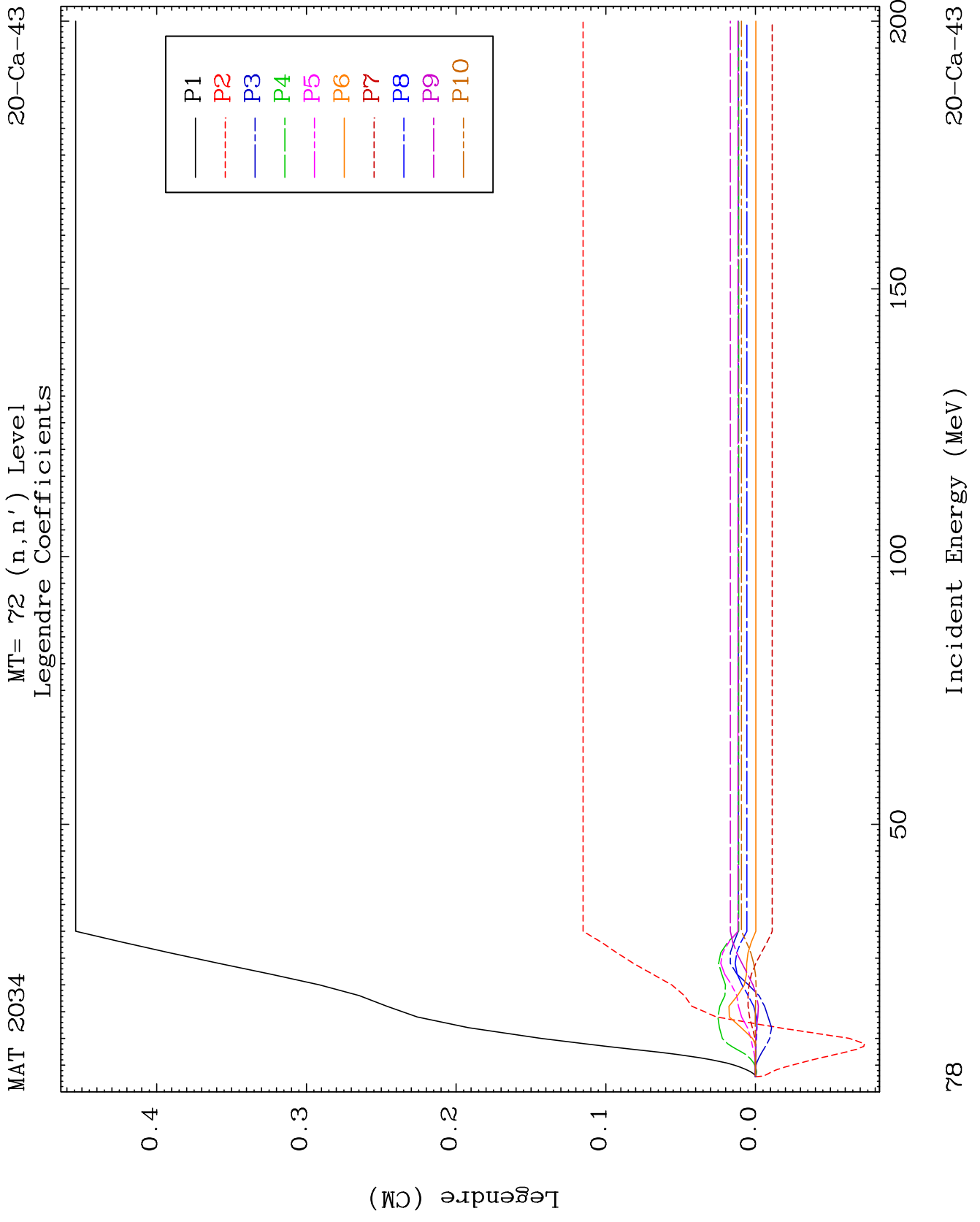
20-Ca-43

MAT 2034

MT= 71 (n,n') Level
Legendre Coefficients

20-Ca-43

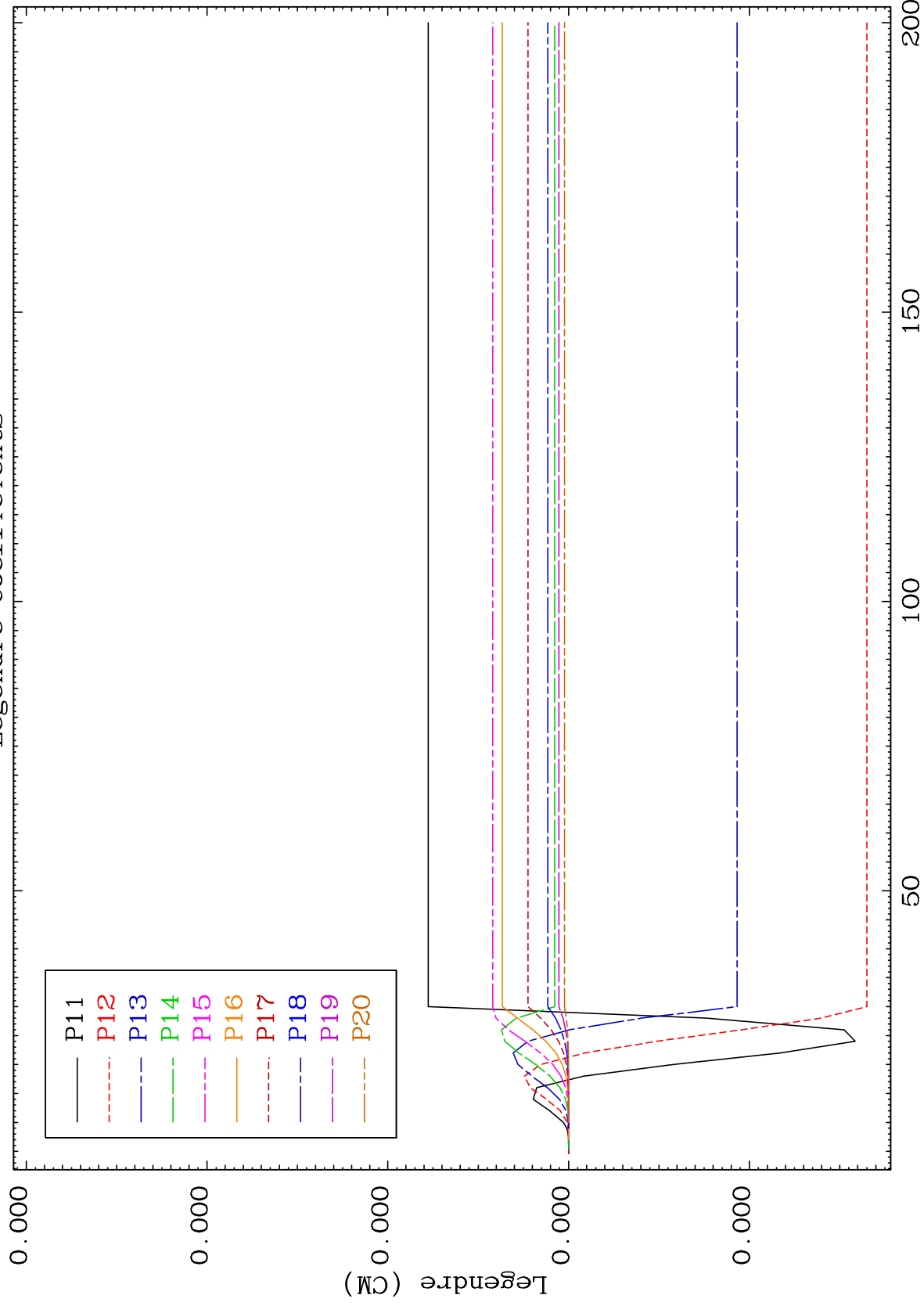




MAT 2034

MT= 72 (n,n') Level
Legendre Coefficients

20-Ca-43



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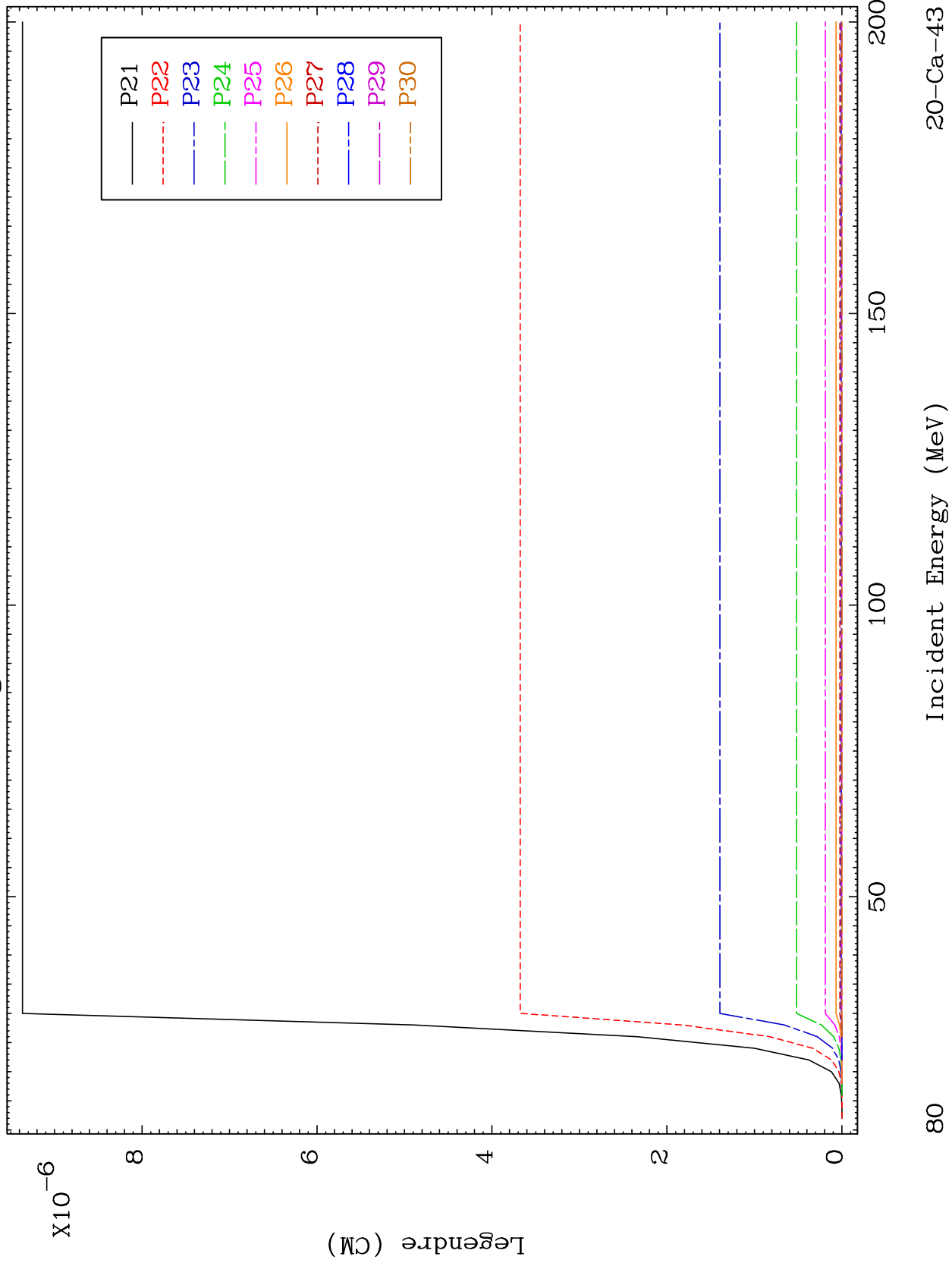
Incident Energy (MeV)

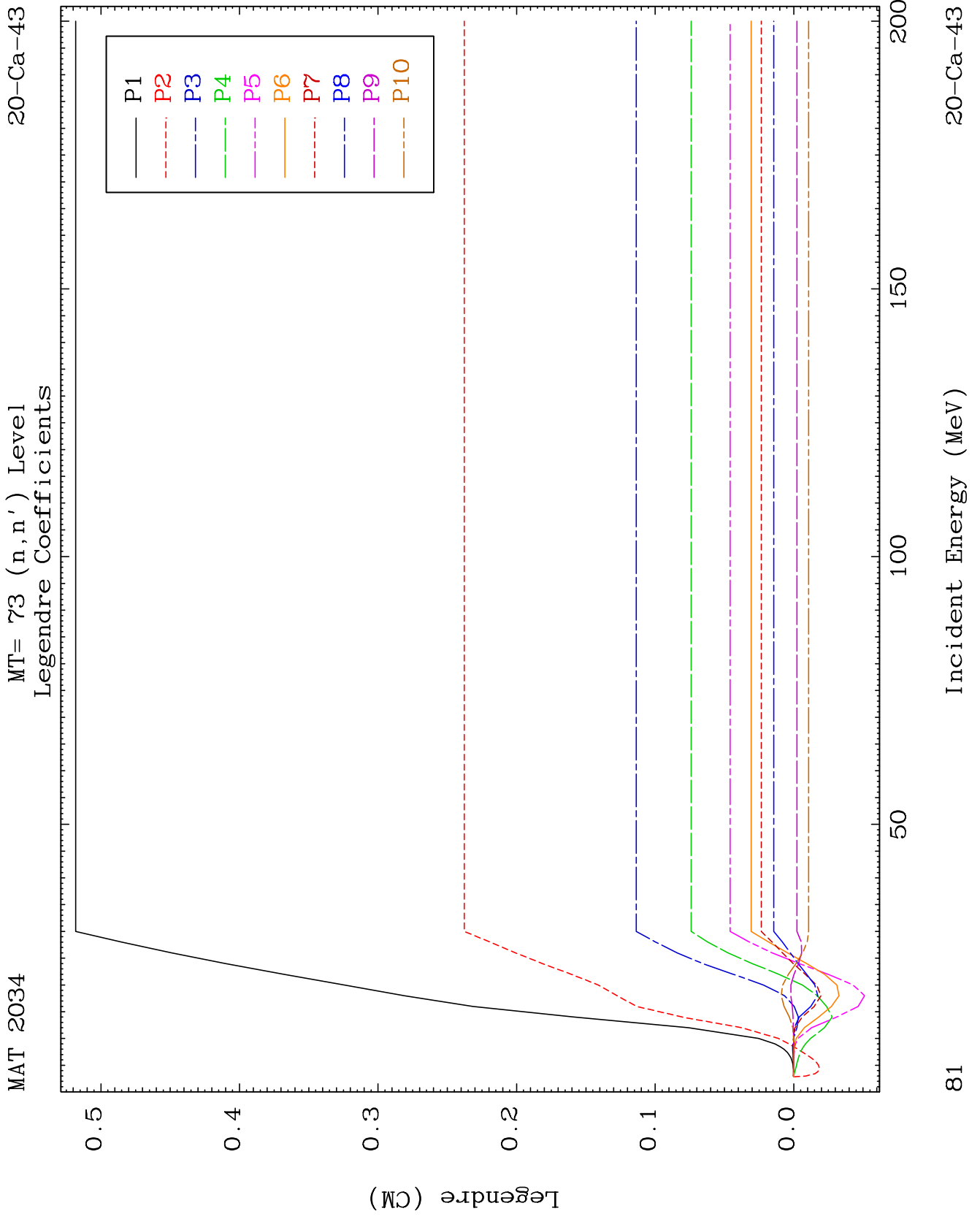
20-Ca-43

MAT 2034

MT= 72 (n,n') Level
Legendre Coefficients

20-Ca-43

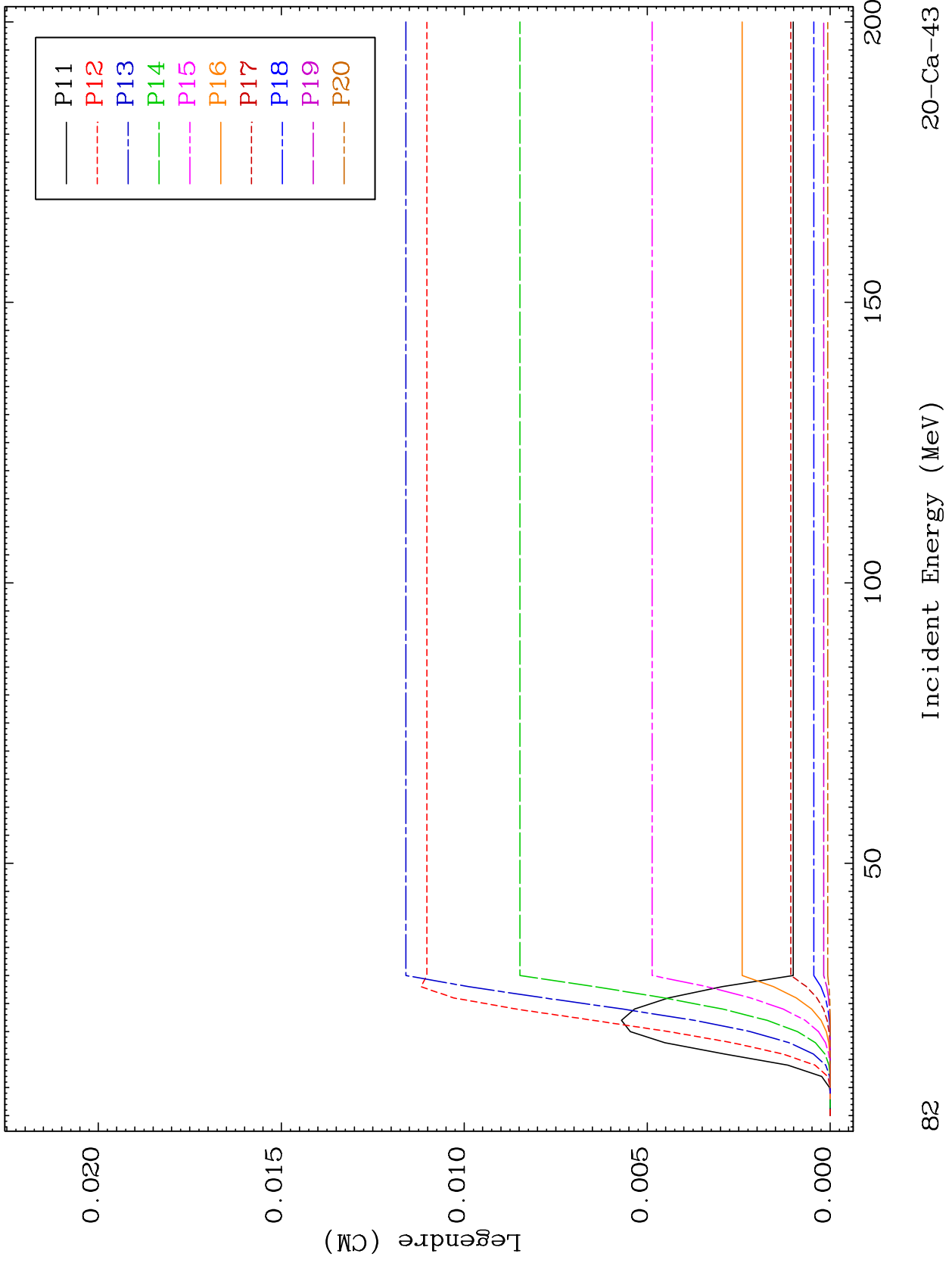




MAT 2034

MT= 73 (n,n') Level
Legendre Coefficients

20-Ca-43

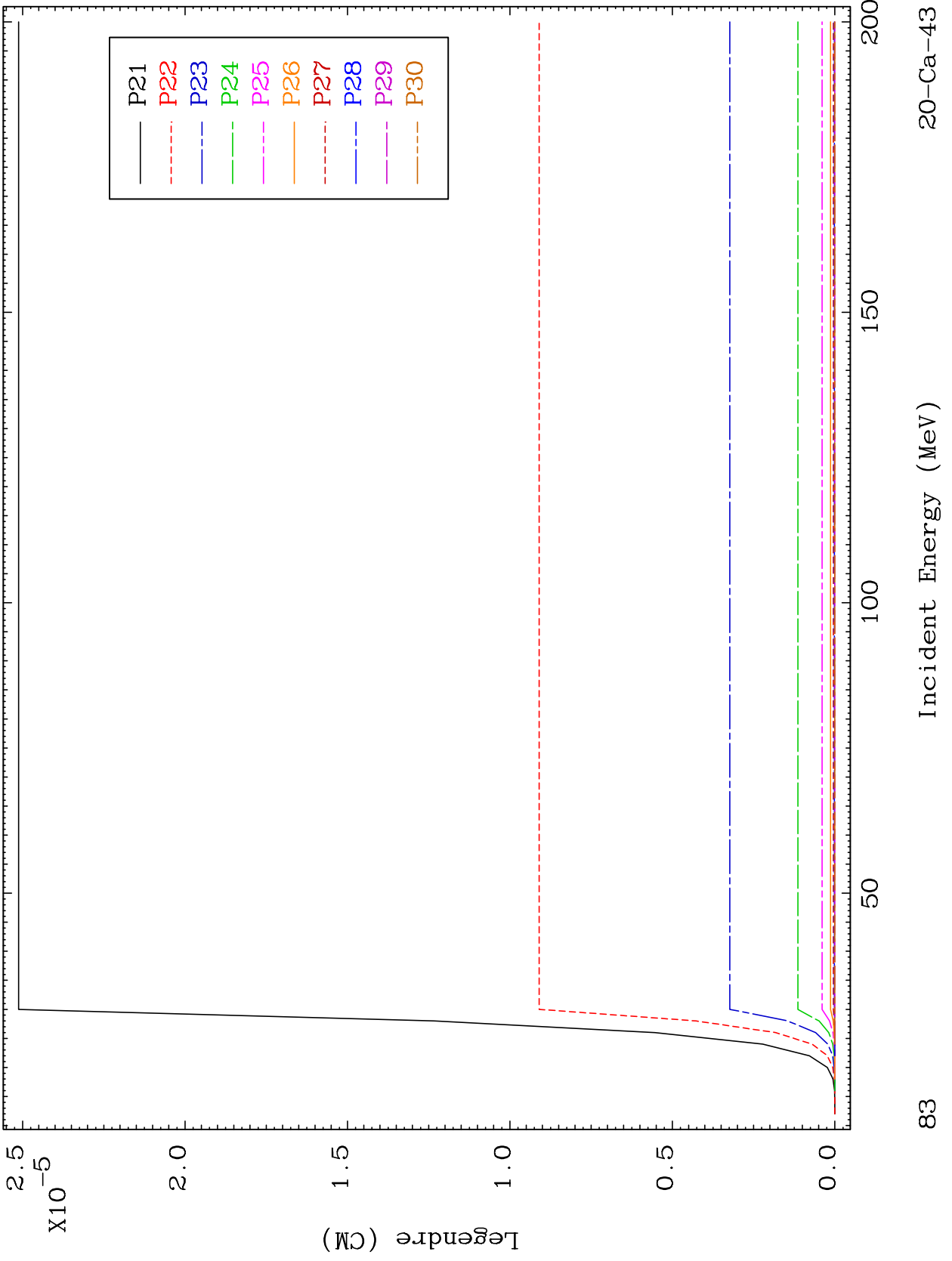


82

MAT 2034

MT= 73 (n,n') Level
Legendre Coefficients

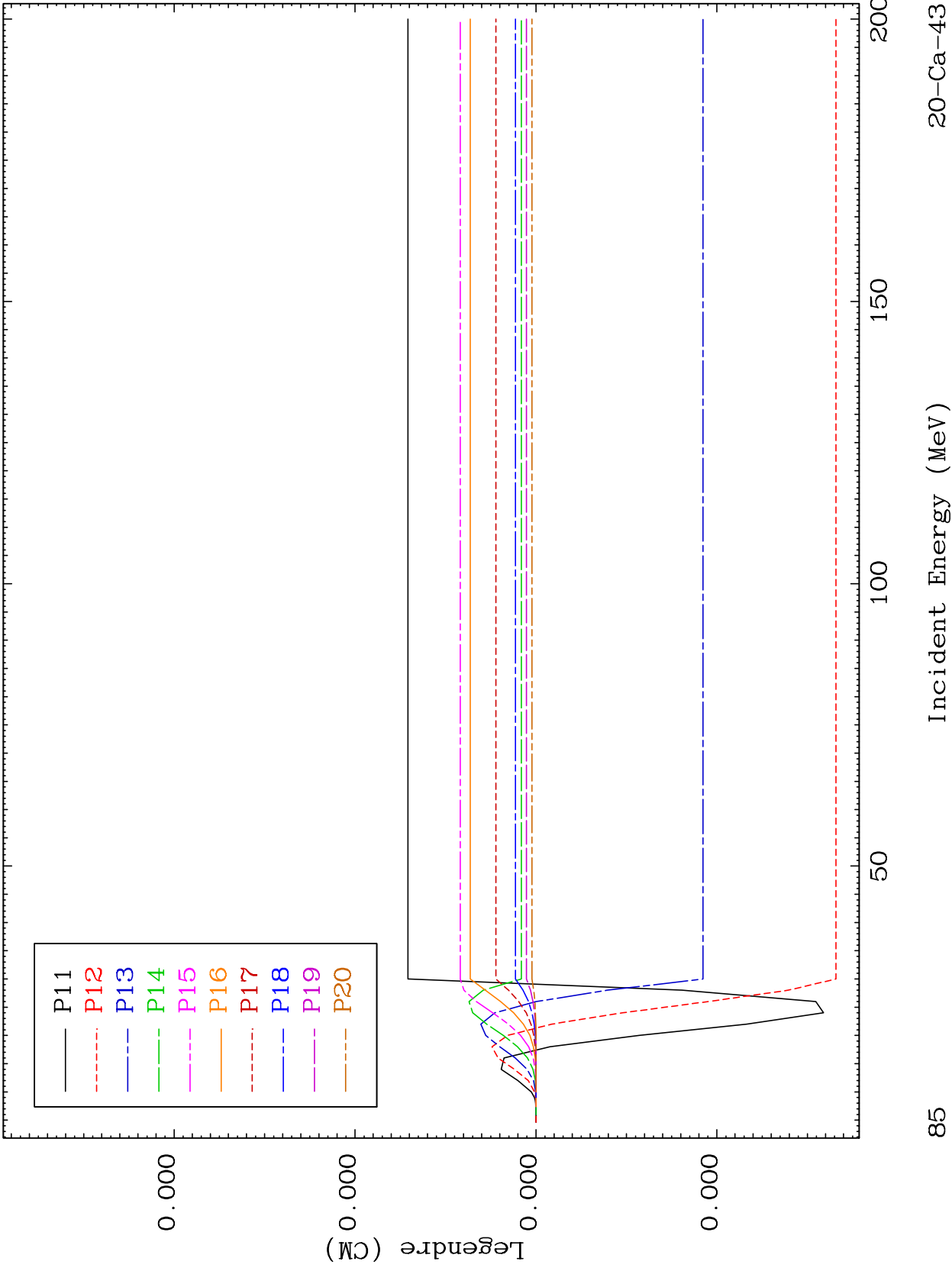
20-Ca-43



MAT 2034

MT= 74 (n,n') Level
Legendre Coefficients

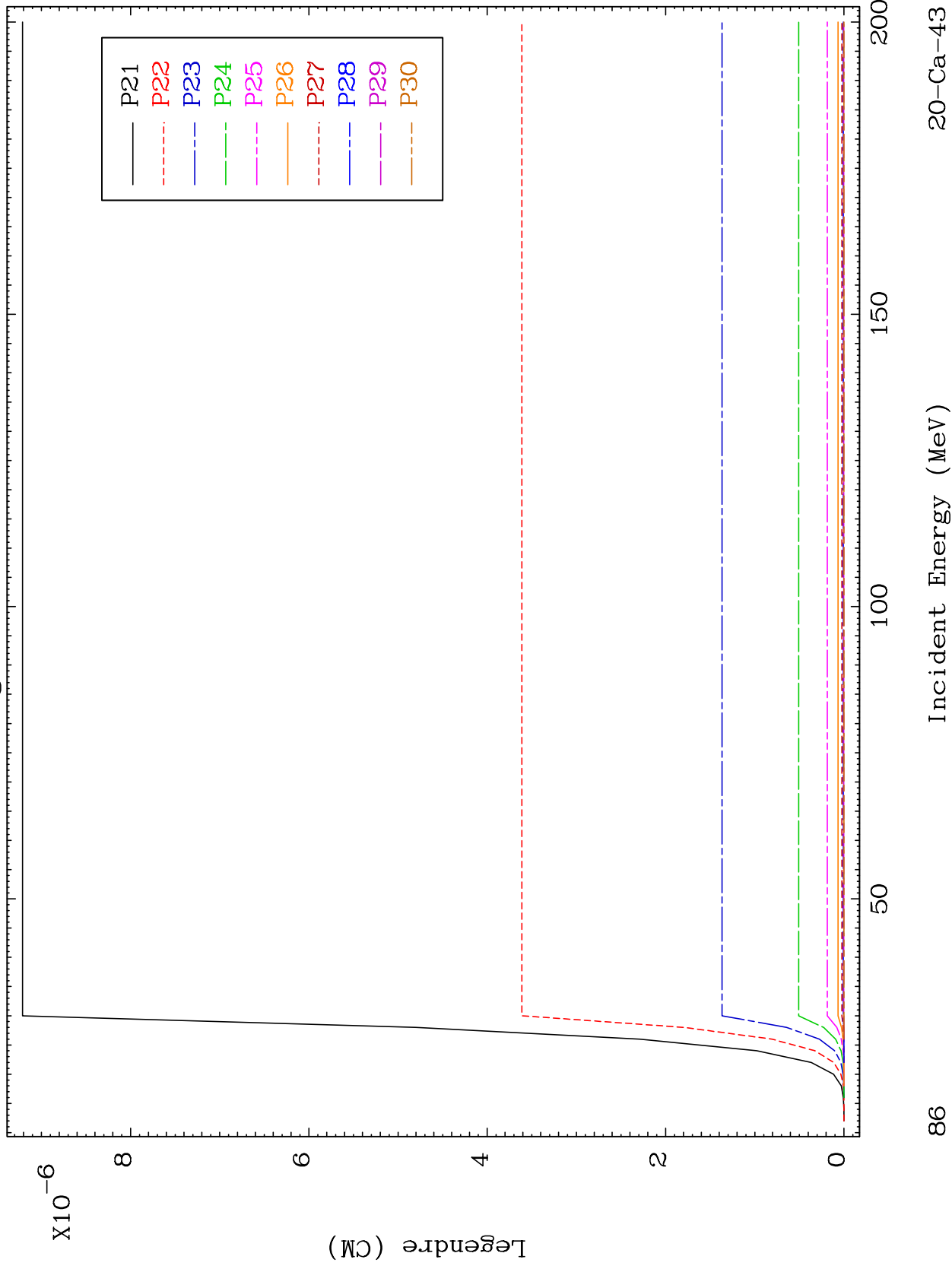
20-Ca-43

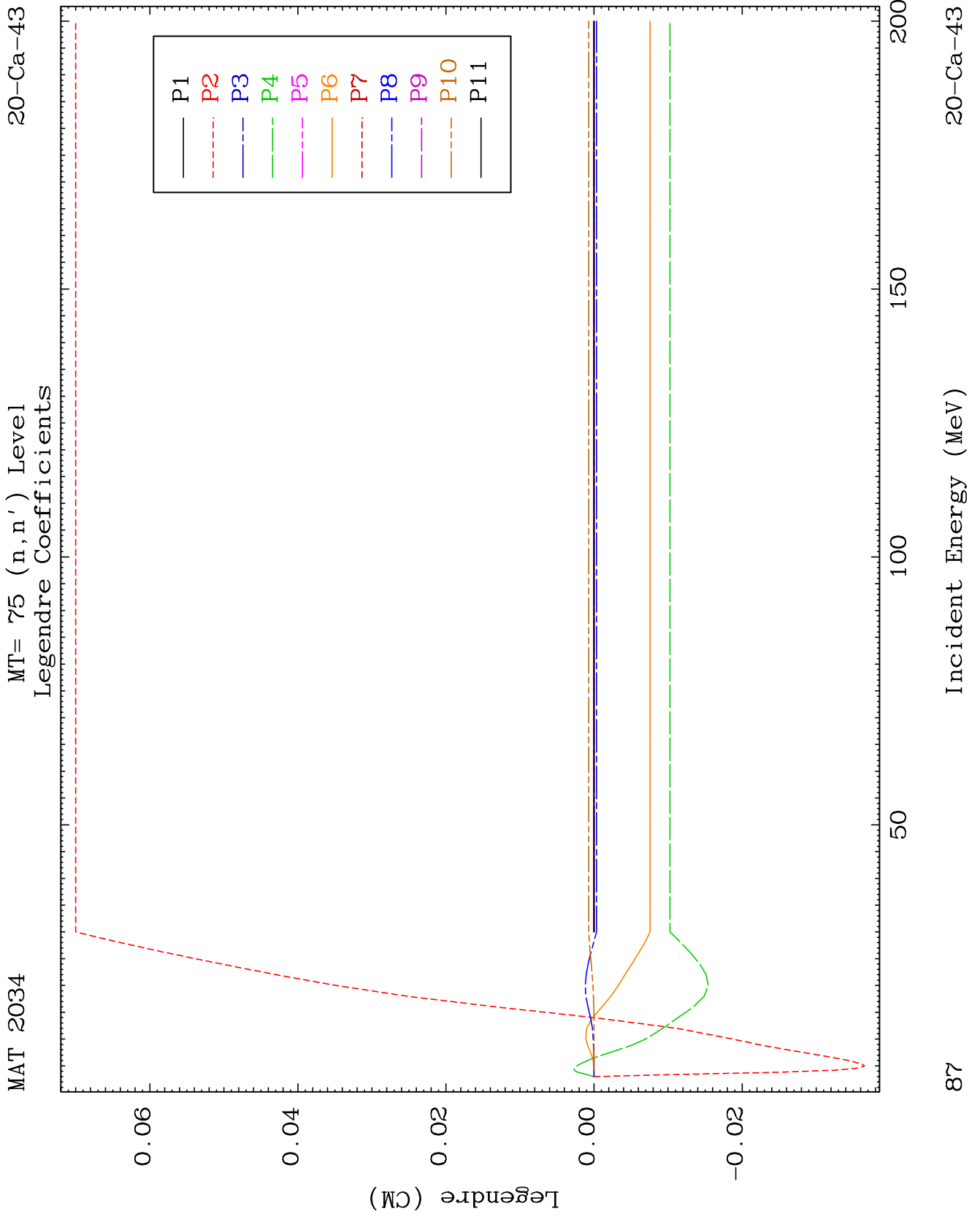


MAT 2034

MT= 74 (n,n') Level
Legendre Coefficients

20-Ca-43

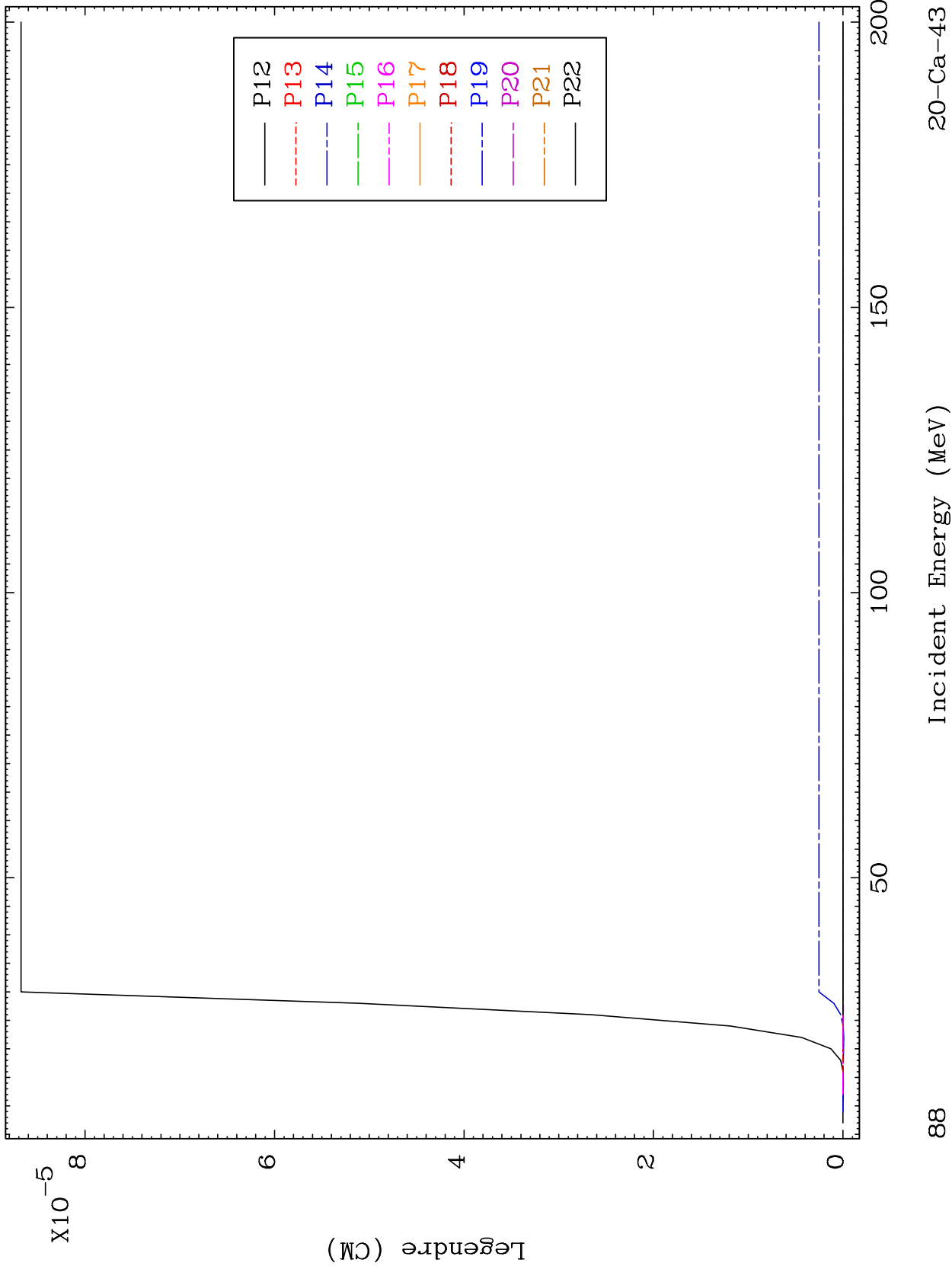




MAT 2034

MT= 75 (n,n') Level
Legendre Coefficients

20-Ca-43



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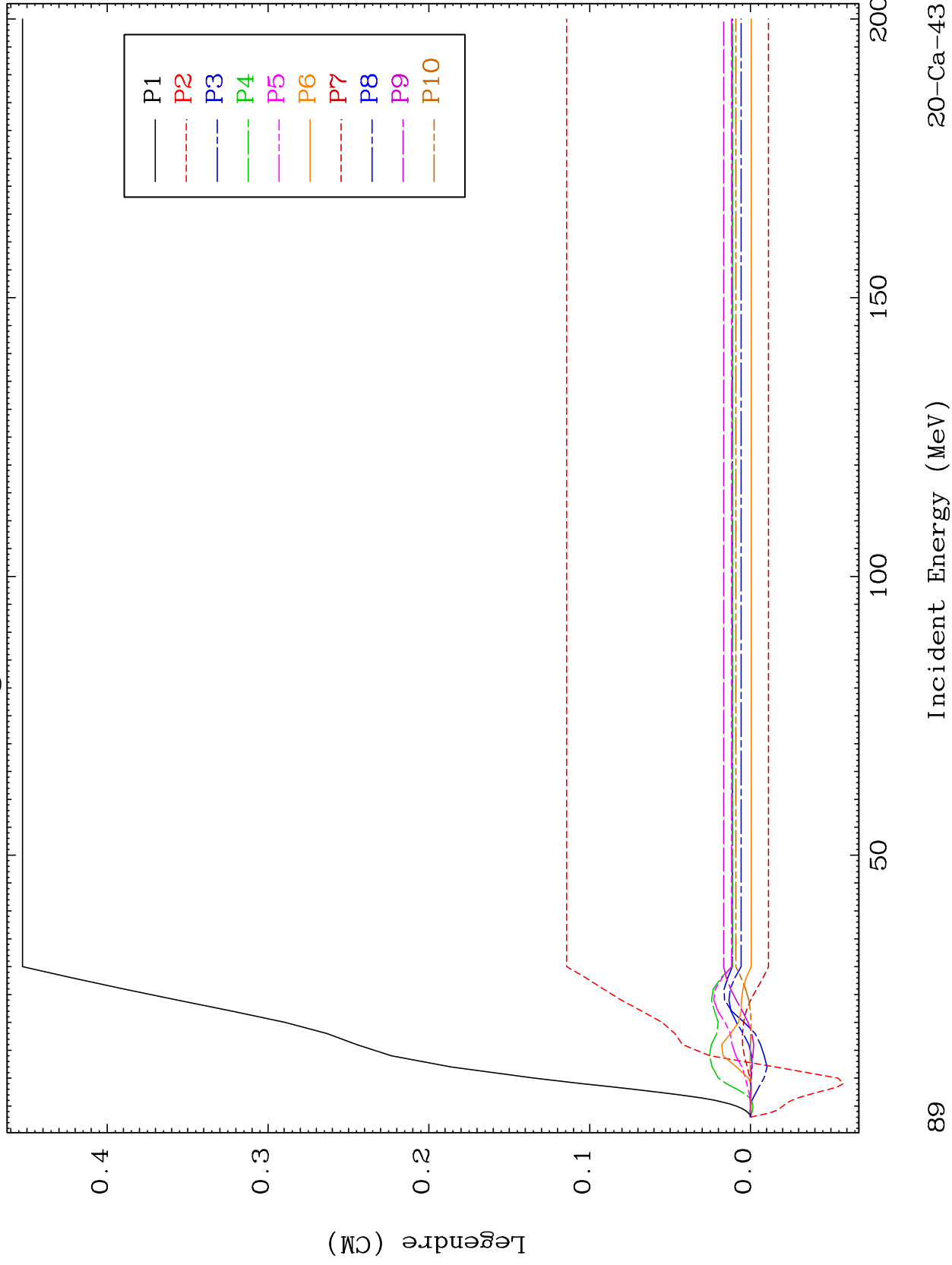
Incident Energy (MeV)

20-Ca-43

MAT 2034

MT= 76 (n,n') Level
Legendre Coefficients

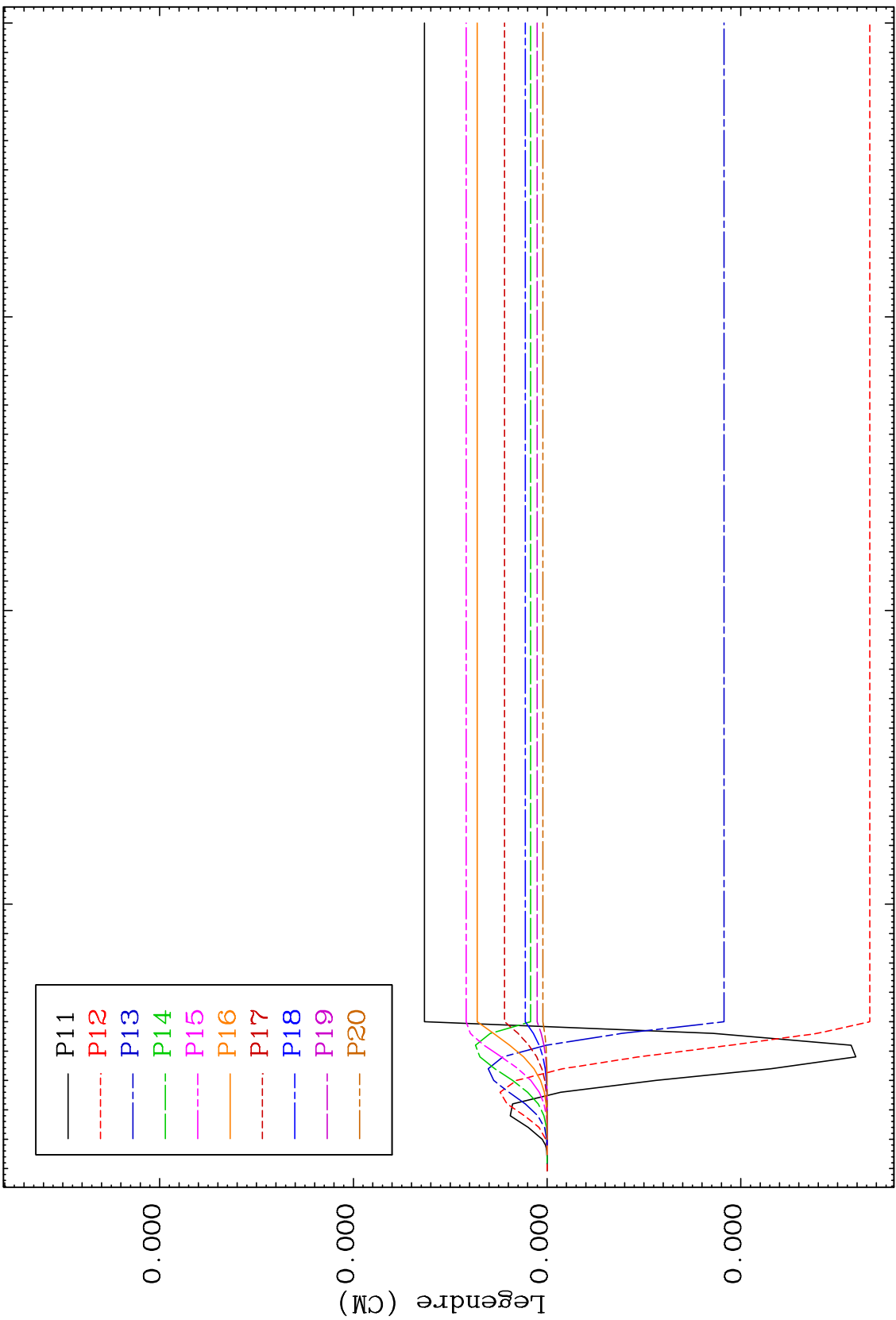
20-Ca-43



MAT 2034

MT= 76 (n,n') Level
Legendre Coefficients

20-Ca-43



90

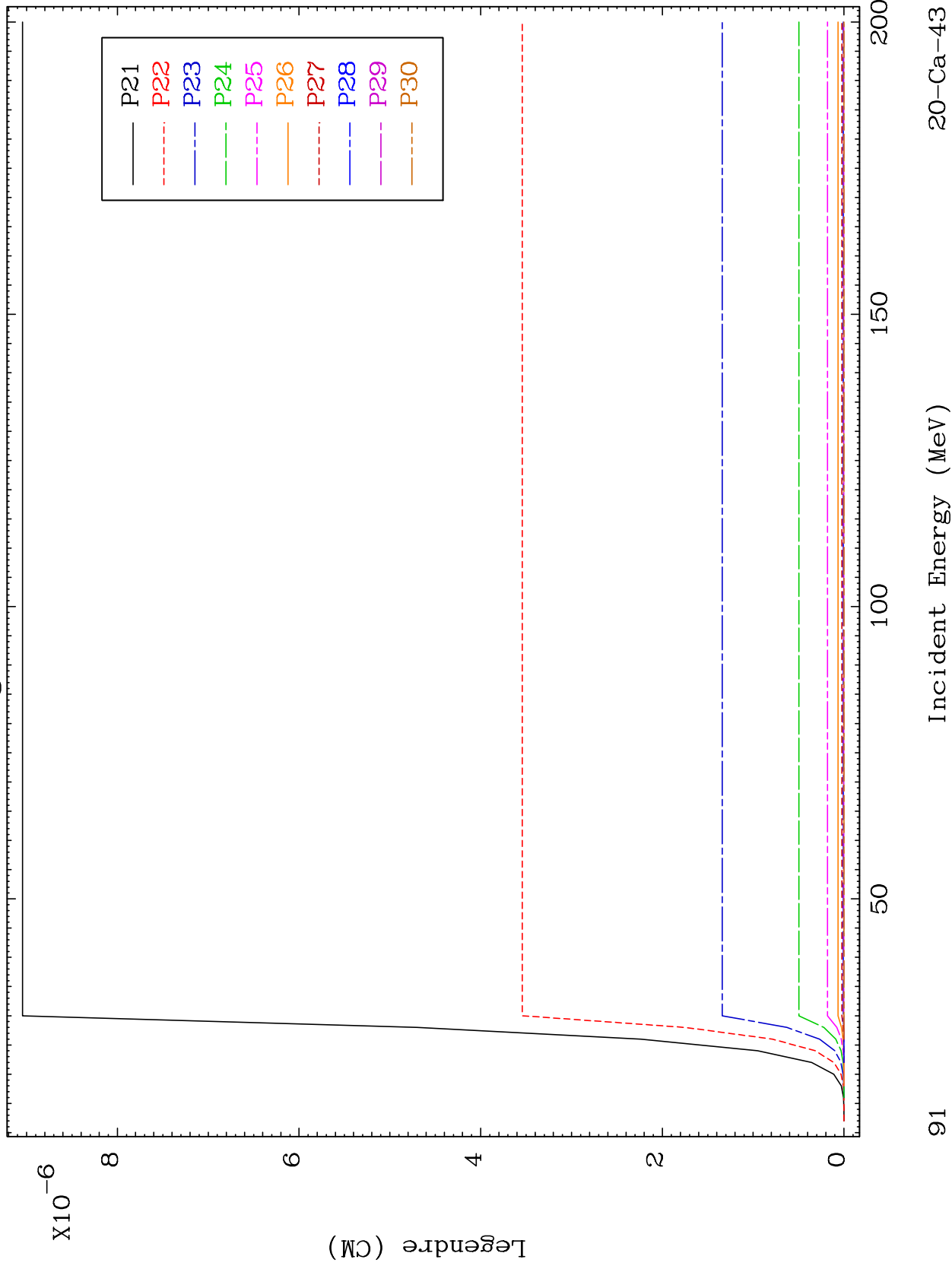
Incident Energy (MeV)

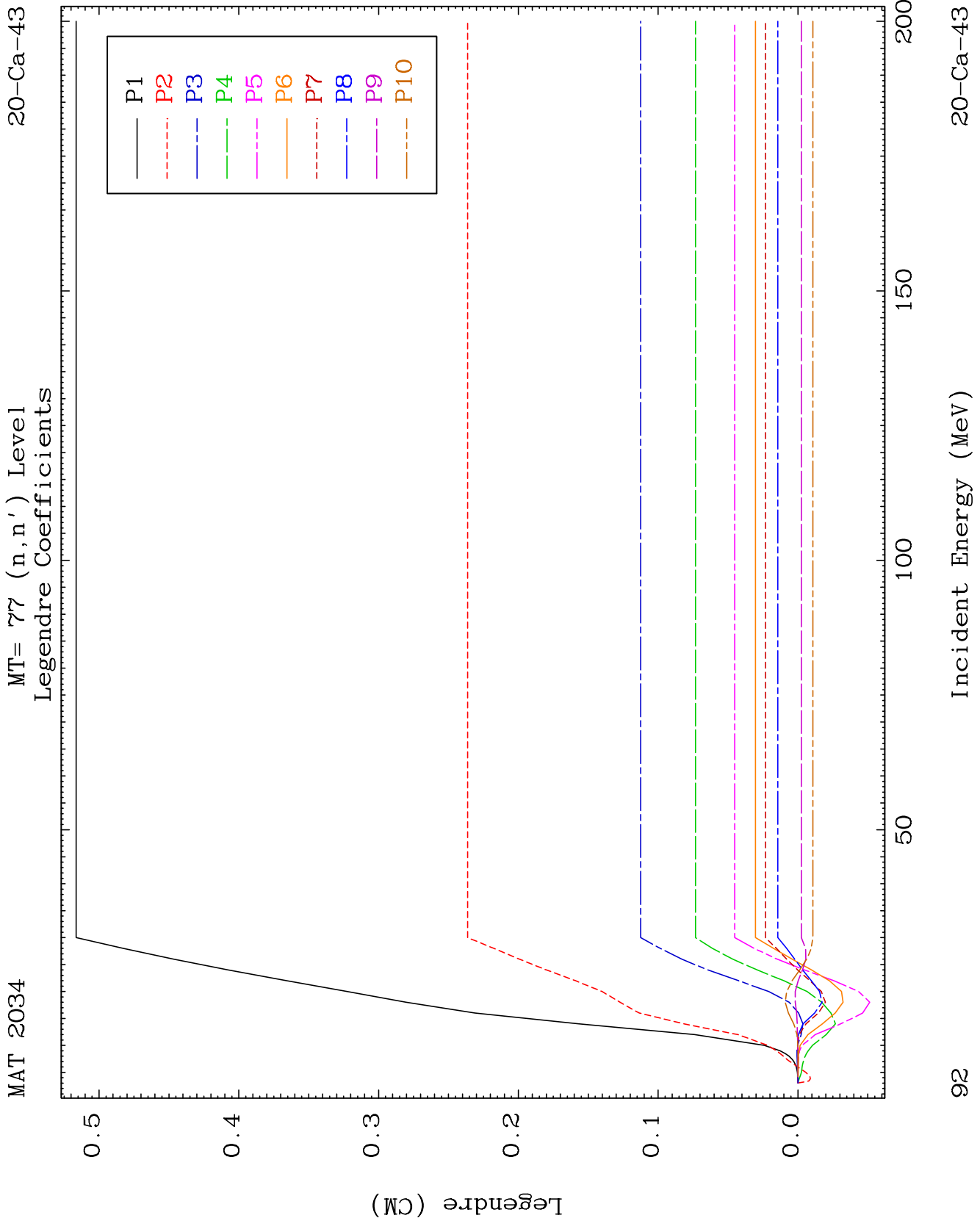
20-Ca-43

MAT 2034

MT= 76 (n,n') Level
Legendre Coefficients

20-Ca-43

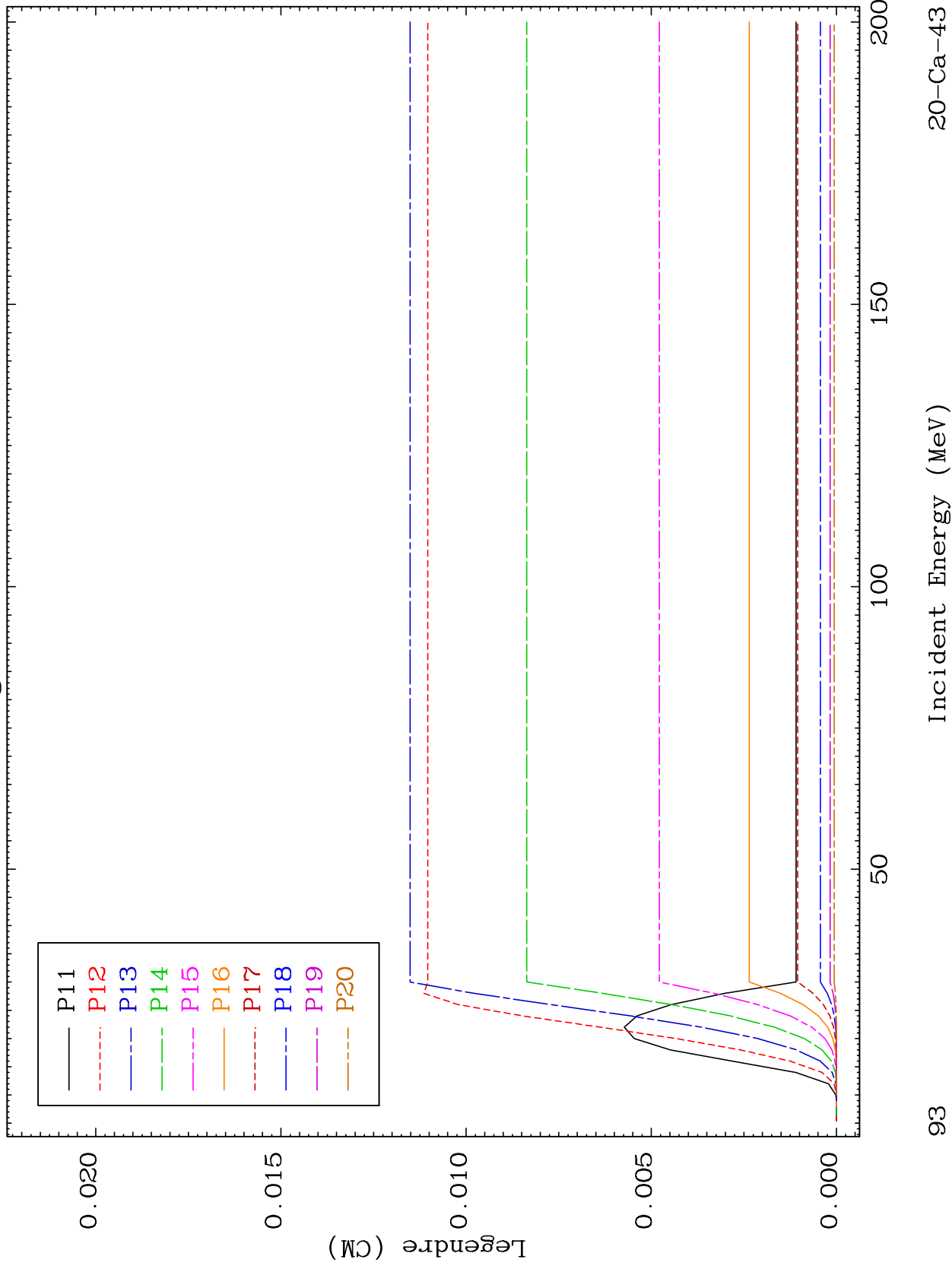




MAT 2034

MT= 77 (n,n') Level
Legendre Coefficients

20-Ca-43



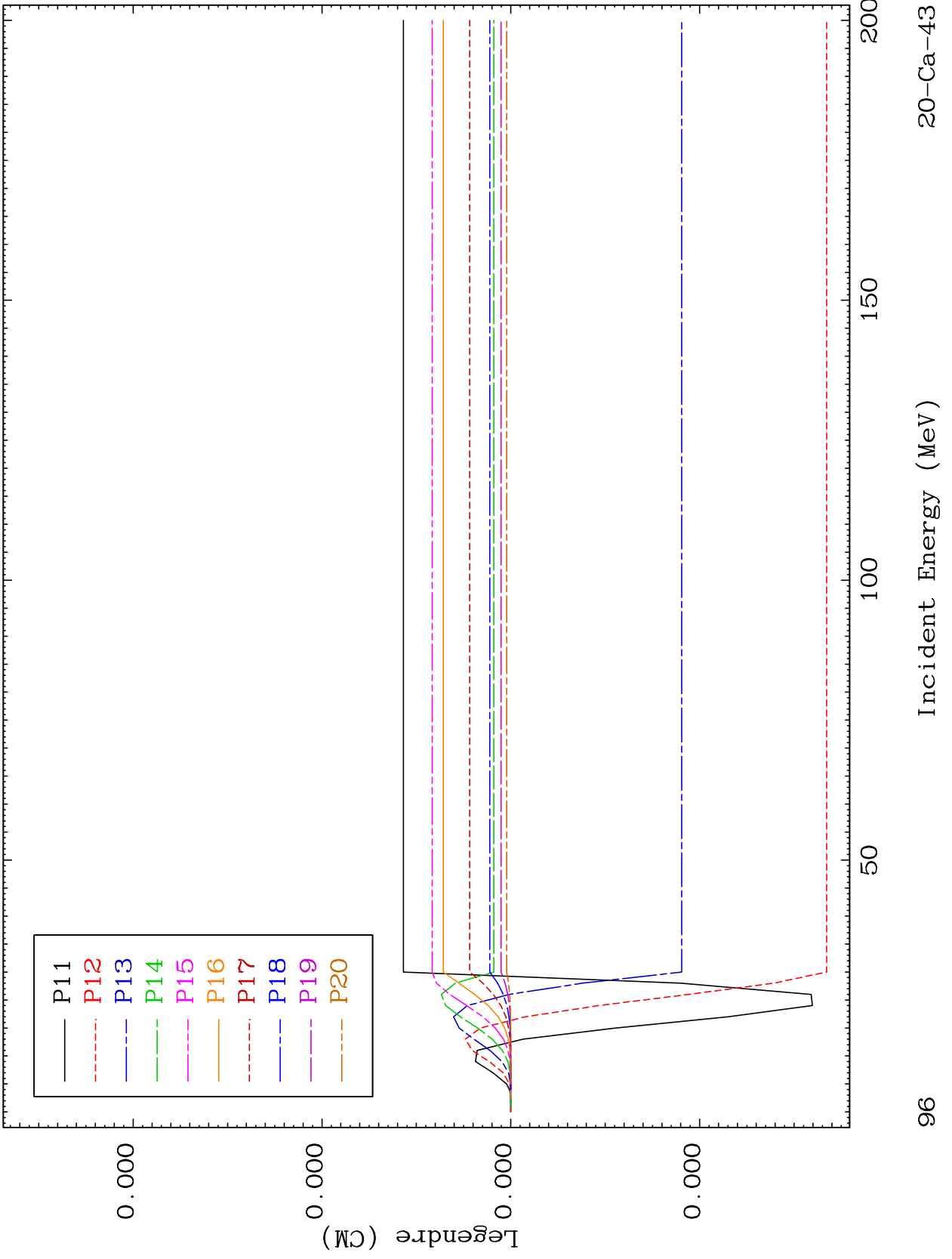
93

20-Ca-43

MAT 2034

MT= 78 (n,n') Level
Legendre Coefficients

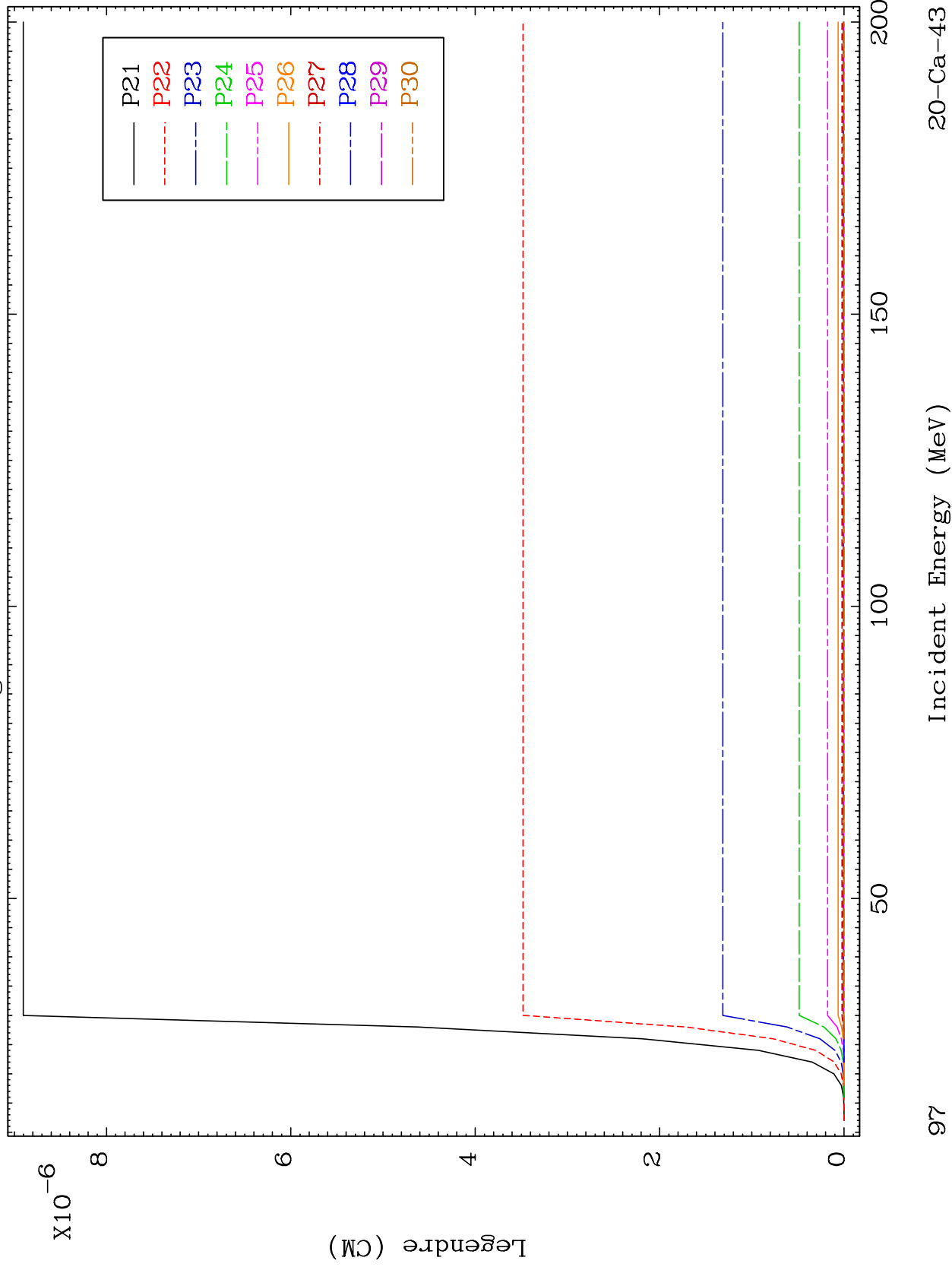
20-Ca-43



MAT 2034

MT= 78 (n,n') Level
Legendre Coefficients

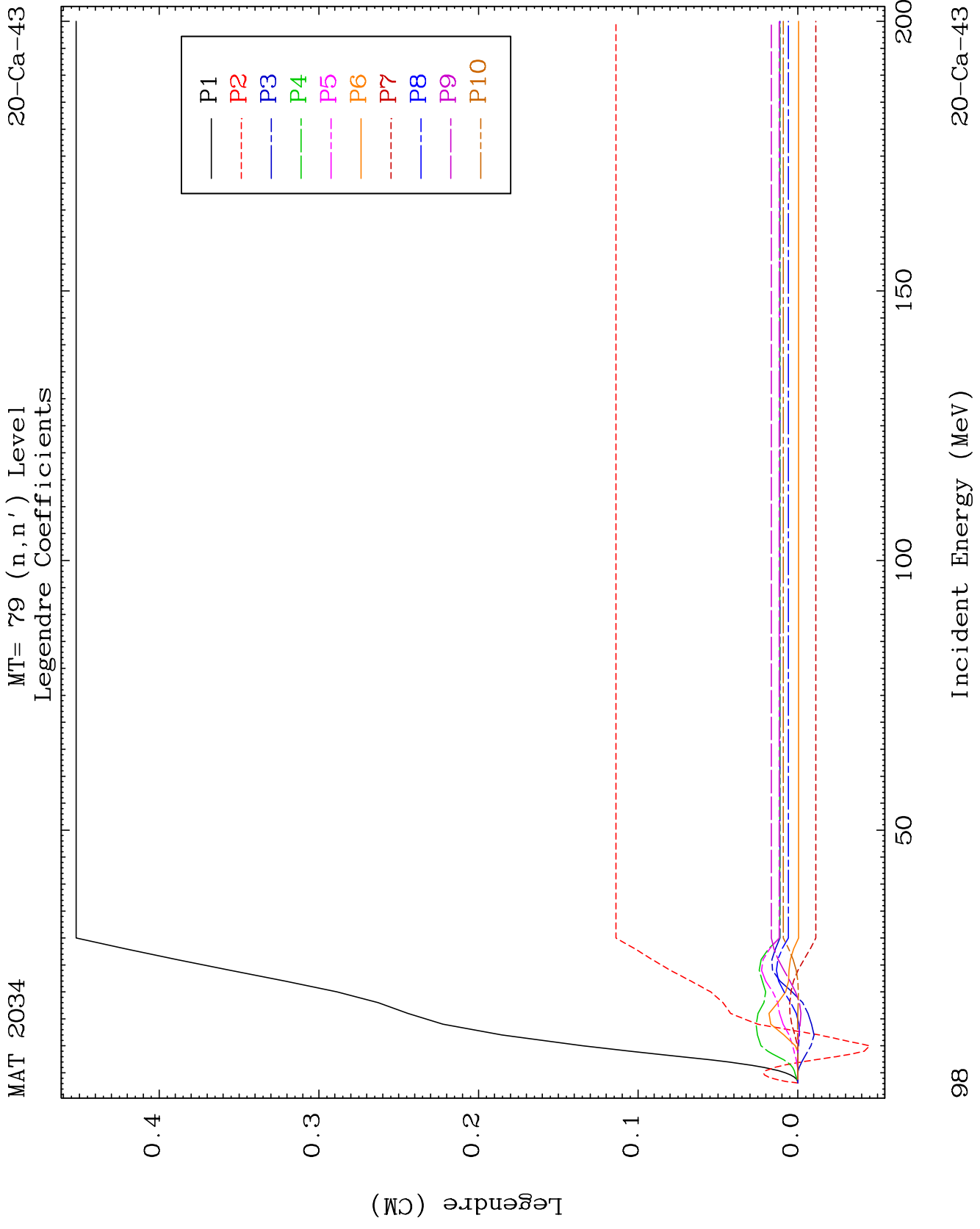
20-Ca-43



97

Incident Energy (MeV)

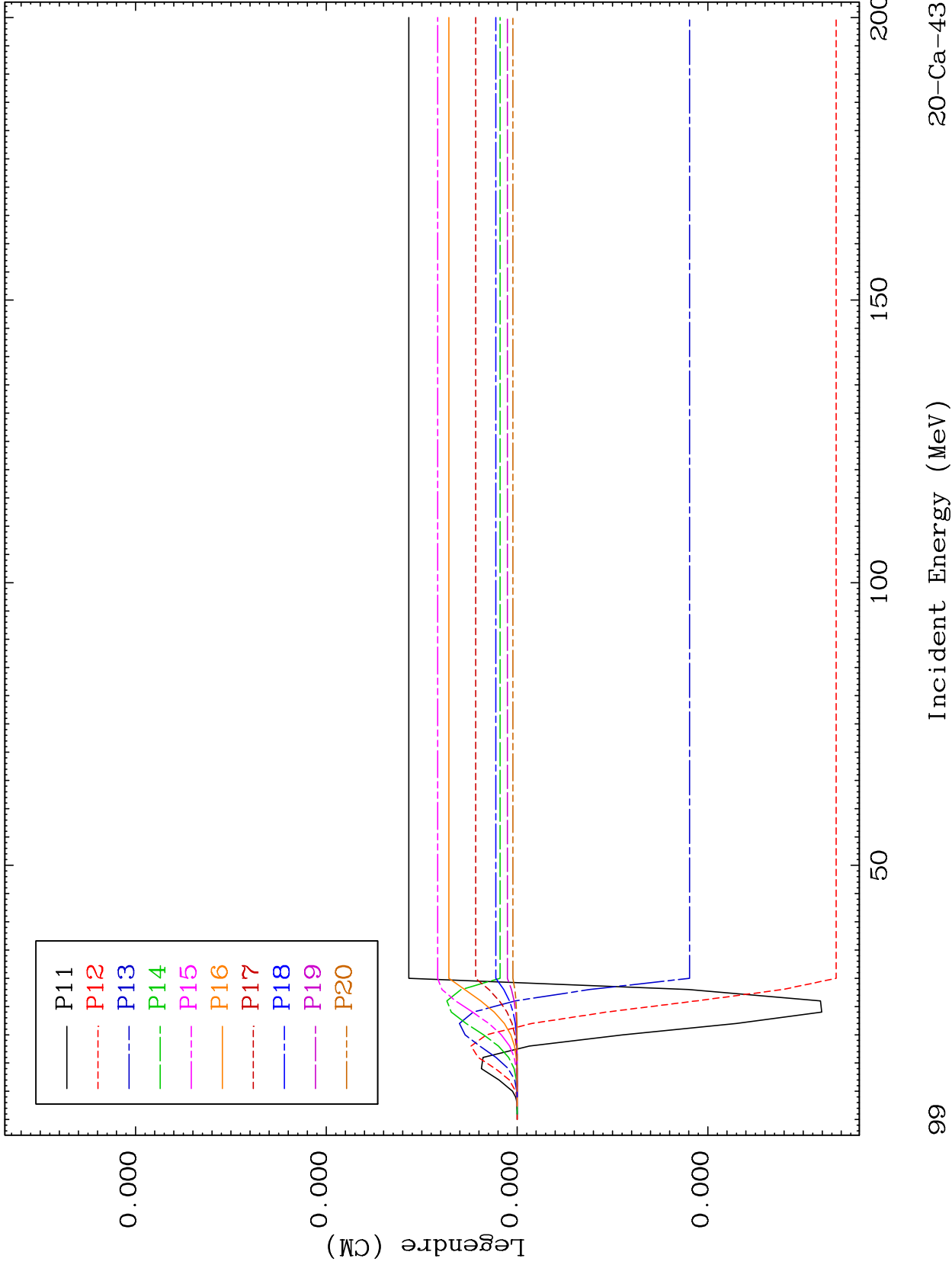
20-Ca-43



MAT 2034

MT= 79 (n,n') Level
Legendre Coefficients

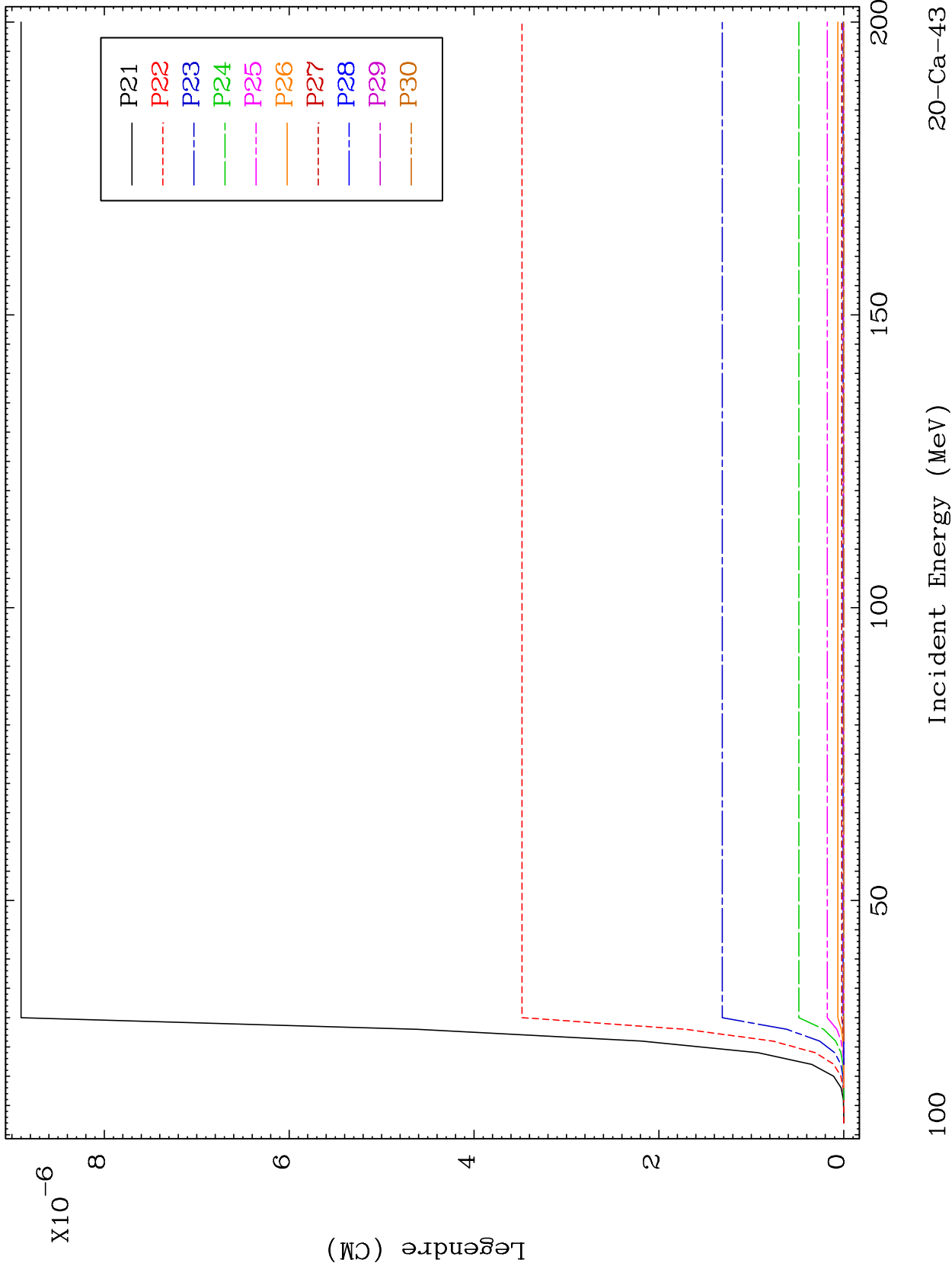
20-Ca-43

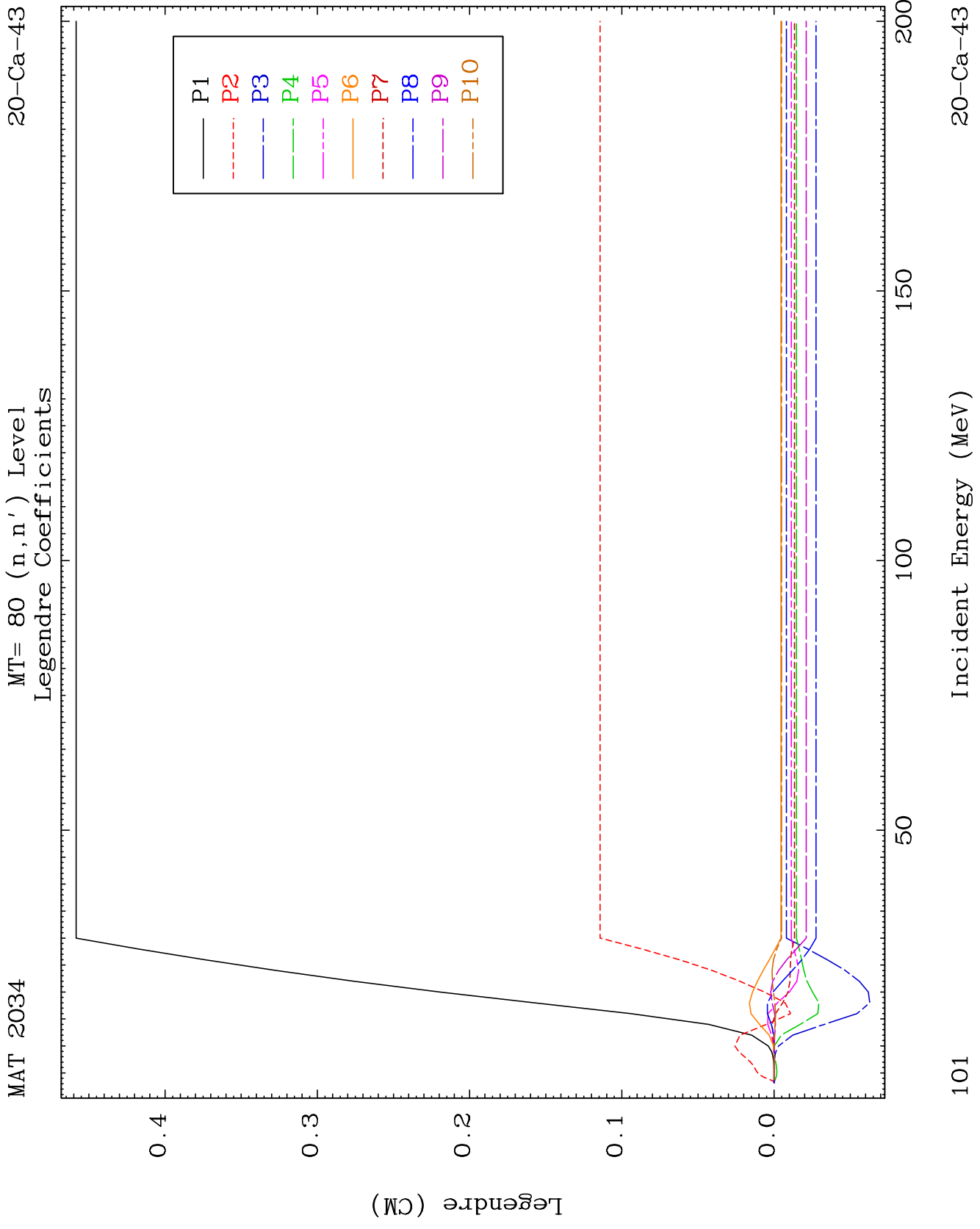


MAT 2034

MT= 79 (n,n') Level
Legendre Coefficients

20-Ca-43

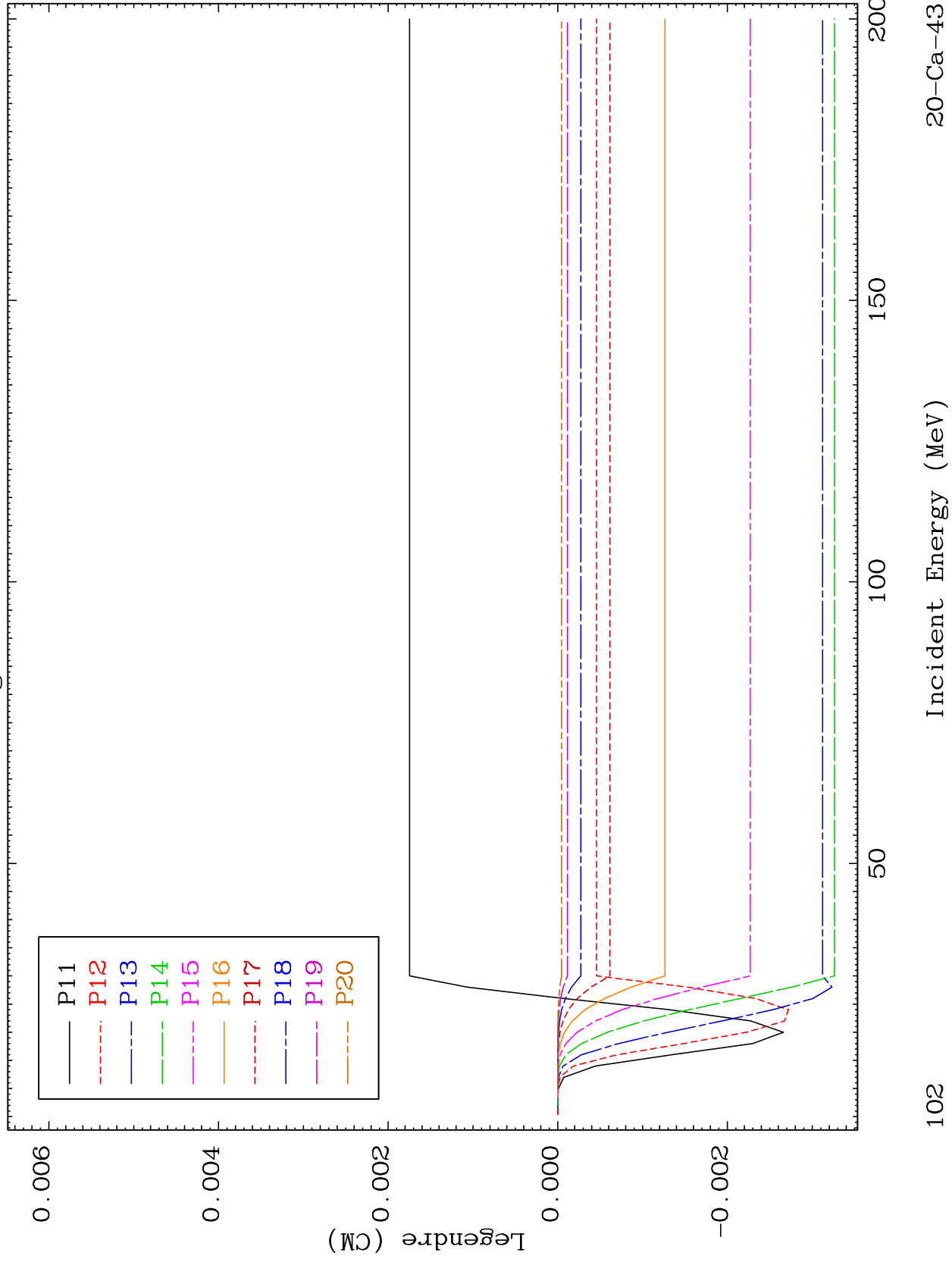




MAT 2034

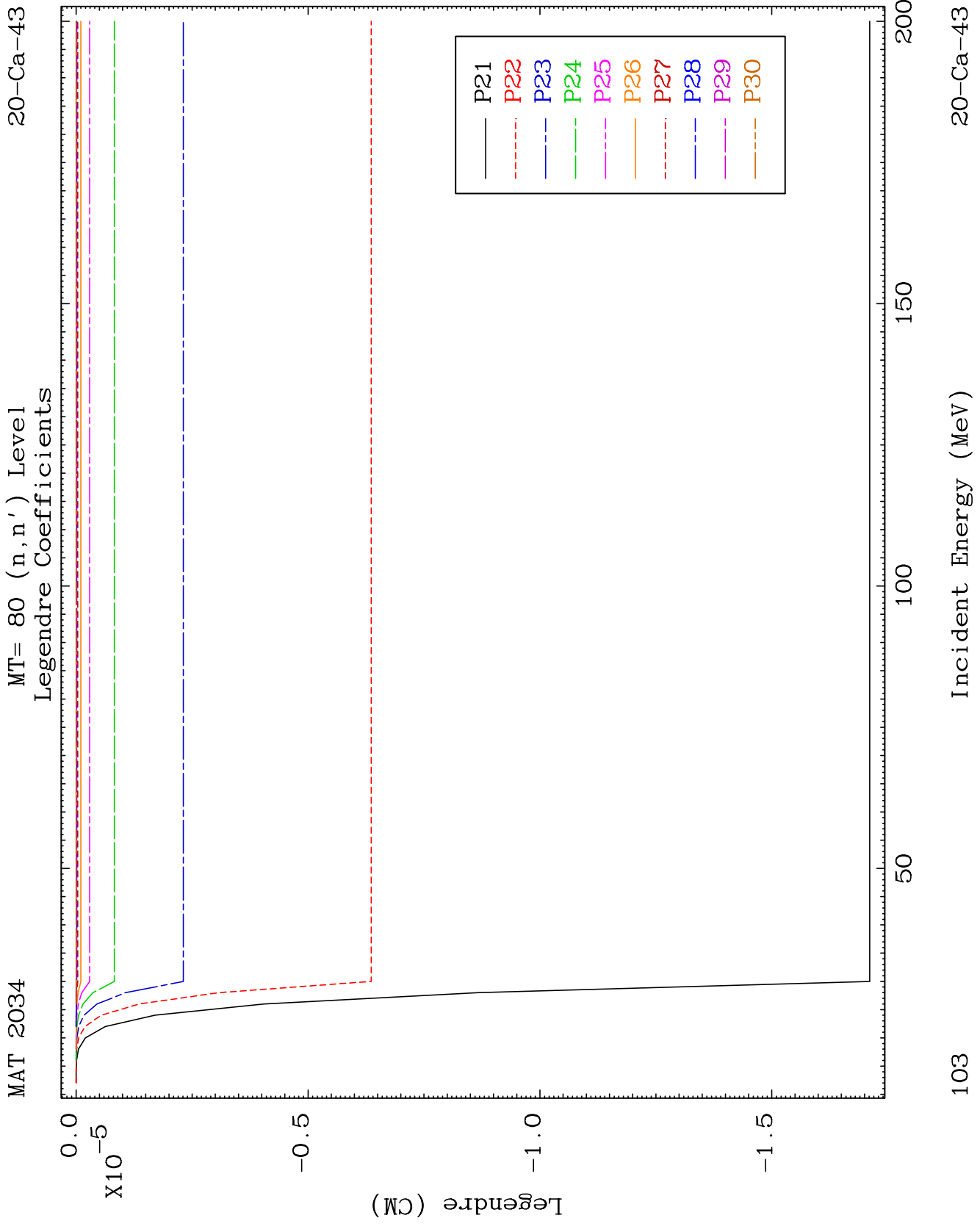
MT= 80 (n,n') Level
Legendre Coefficients

20-Ca-43



102

20-Ca-43

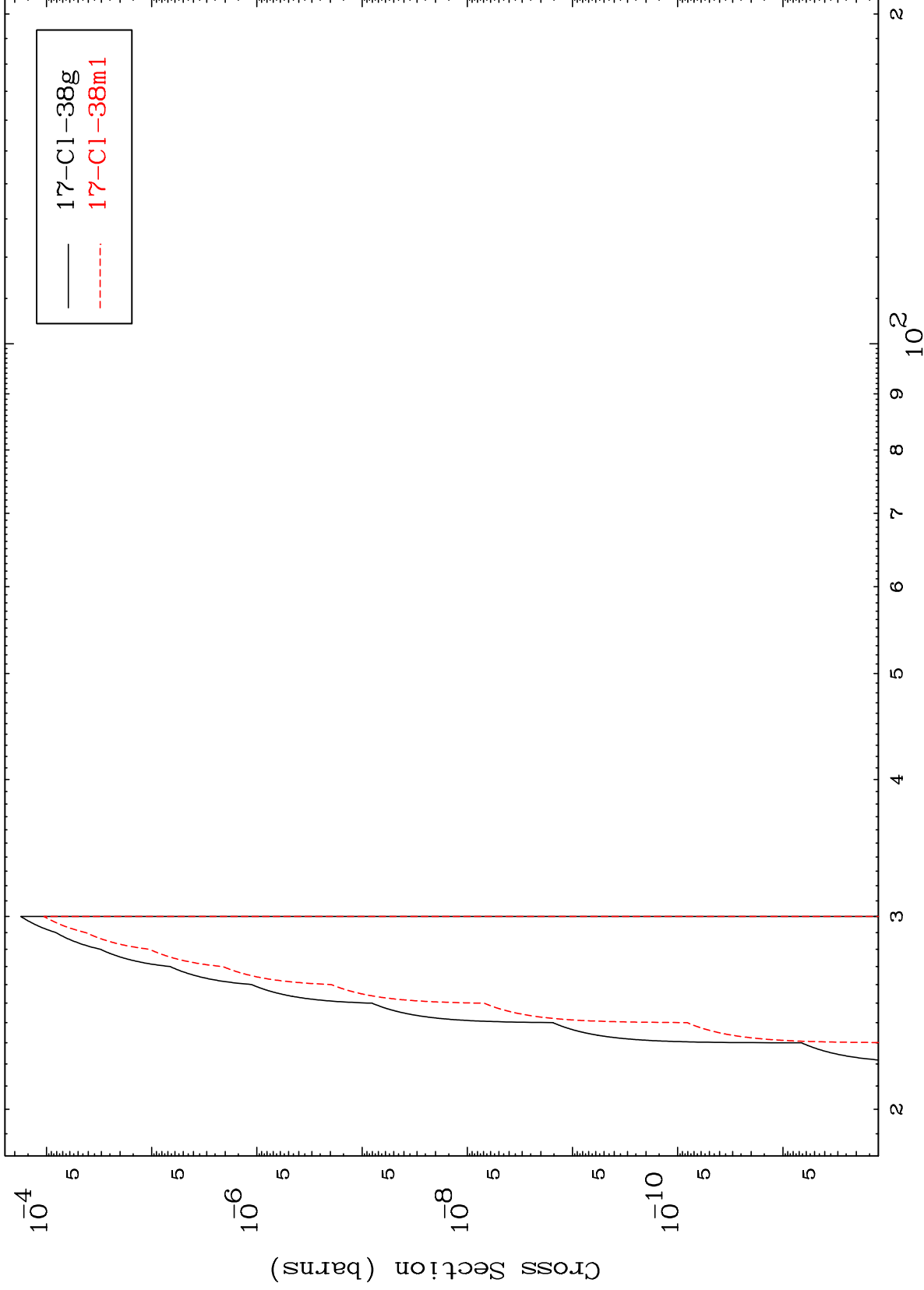


MAT 2034

(n,n') p α

20-Ca-43

Radionuclide Production Cross Section



104

Incident Energy (MeV)

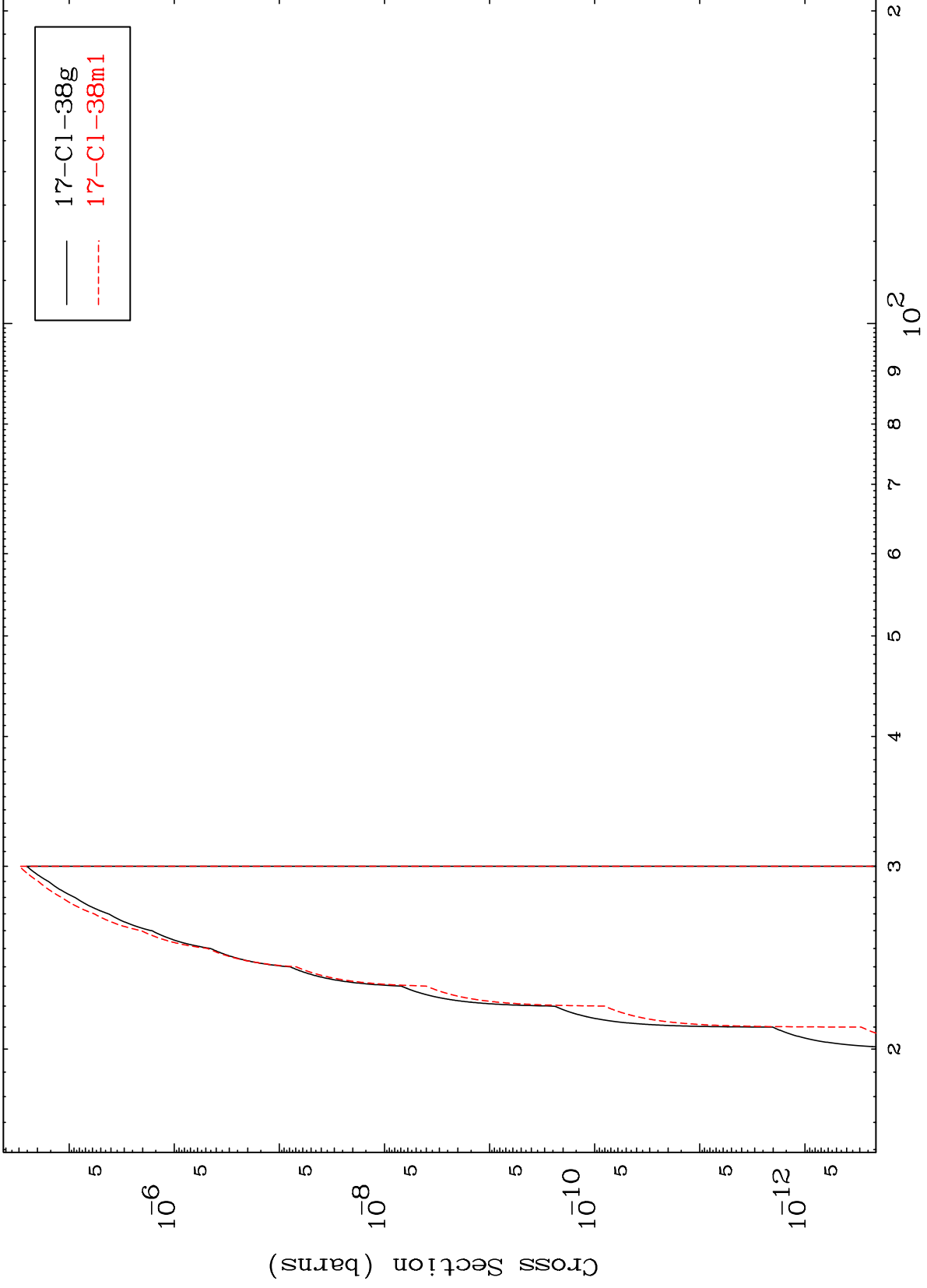
20-Ca-43

MAT 2034

(n,d) α

20-Ca-43

Radionuclide Production Cross Section



105

Incident Energy (MeV)

20-Ca-43