

Program EVALPLOT
(Version 2015-2)

by

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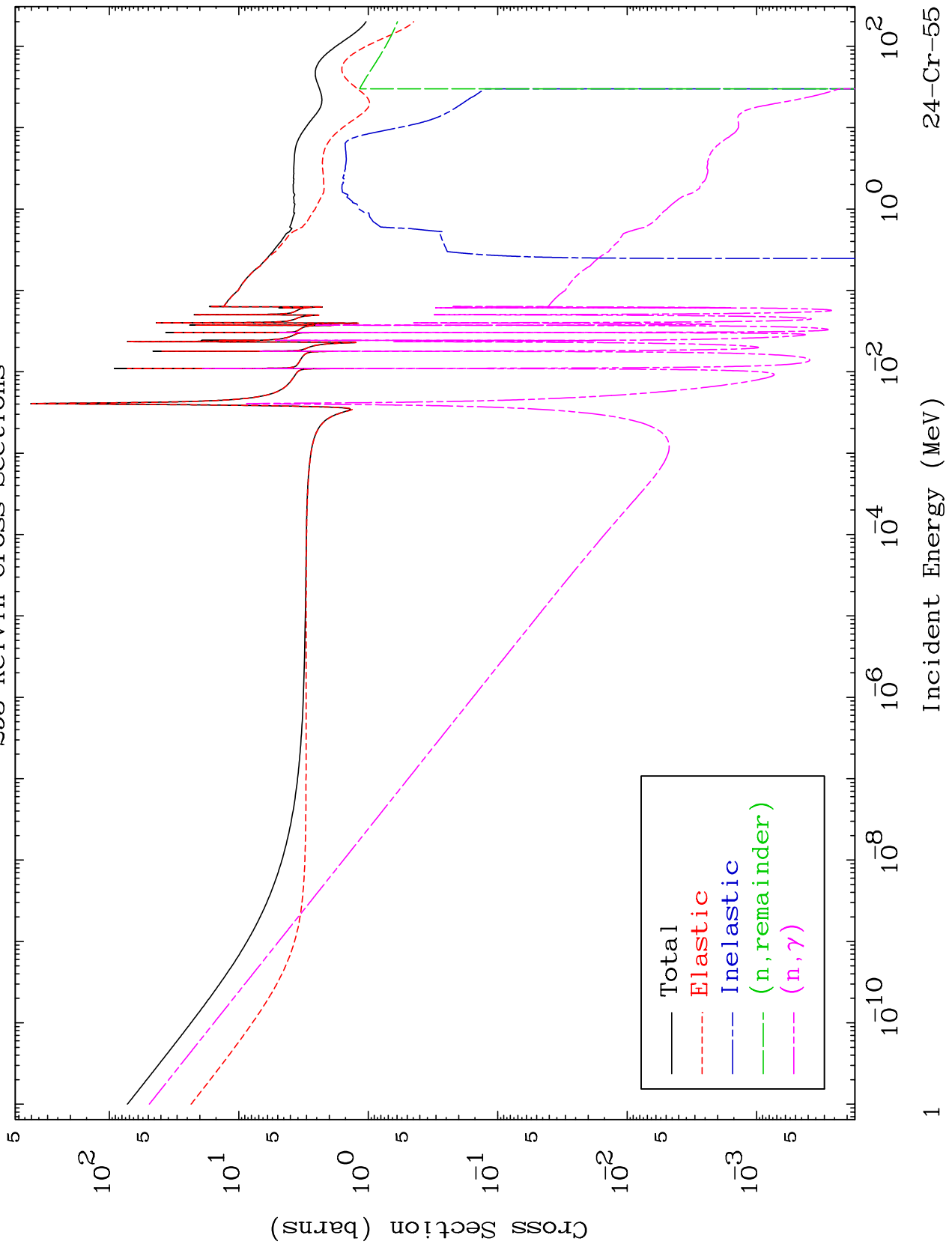
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 2440

Major
293 Kelvin Cross Sections

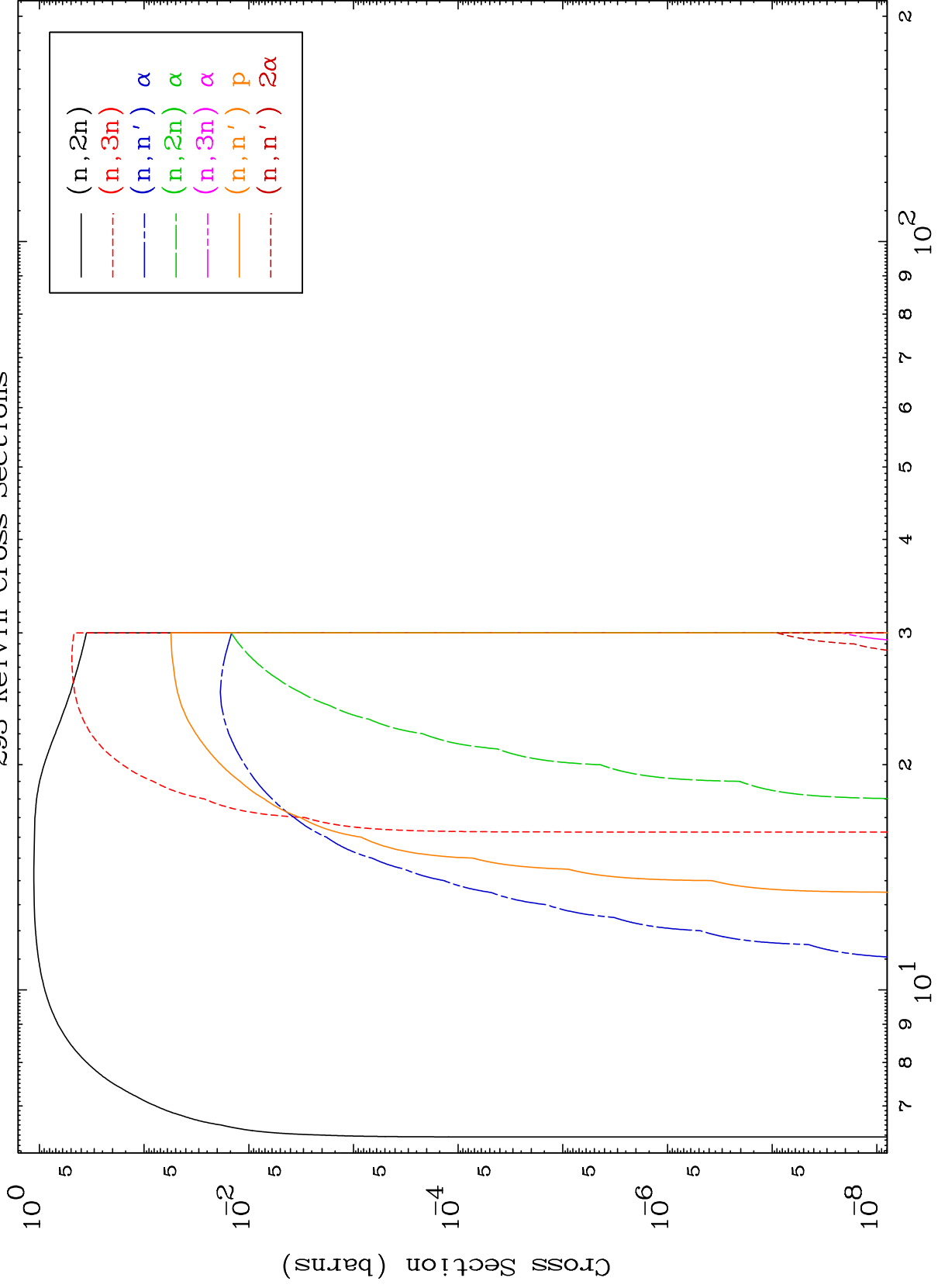
24-Cr-55

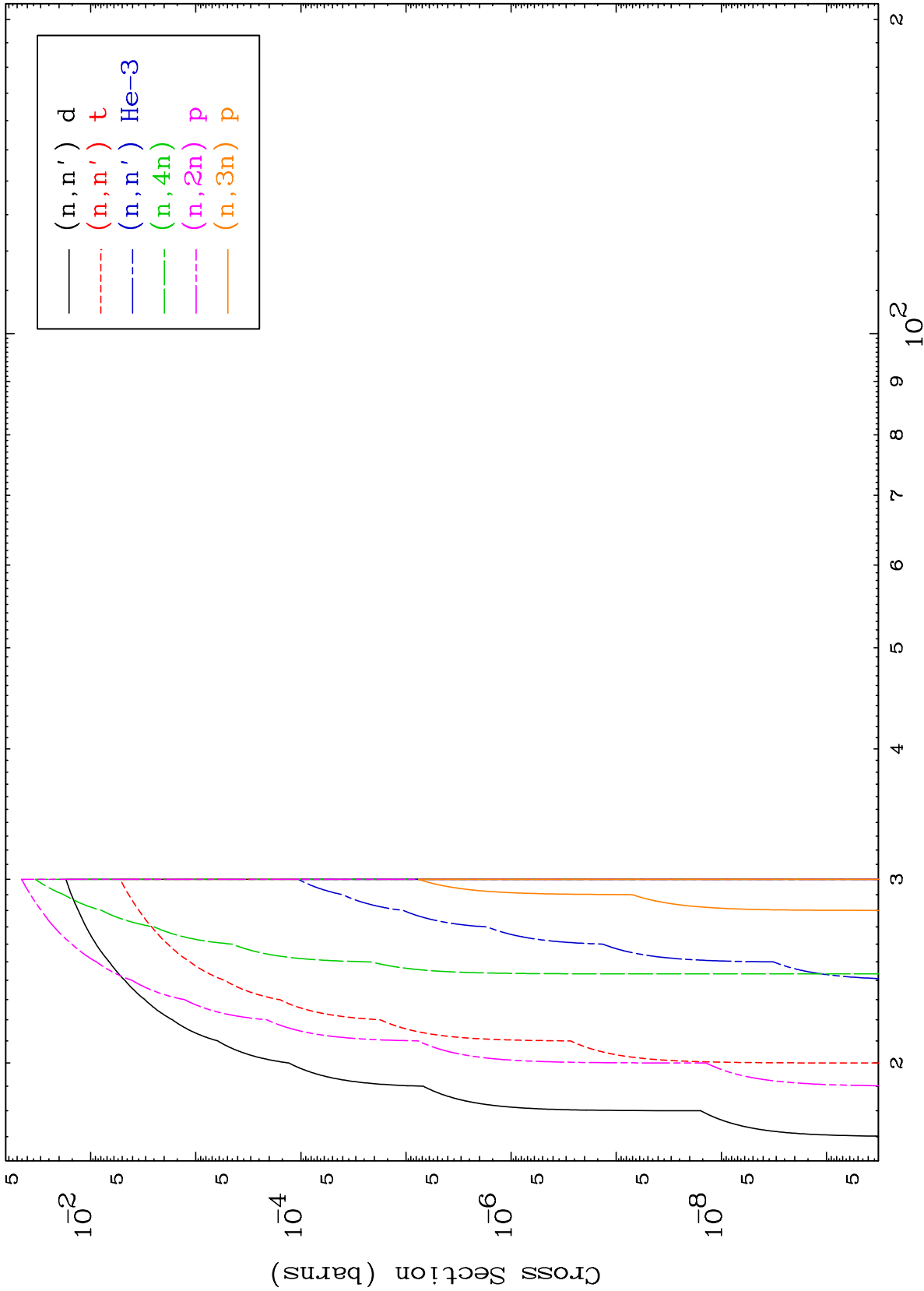


MAT 2440

Neutron Production 293 Kelvin Cross Sections

24-Cr-55

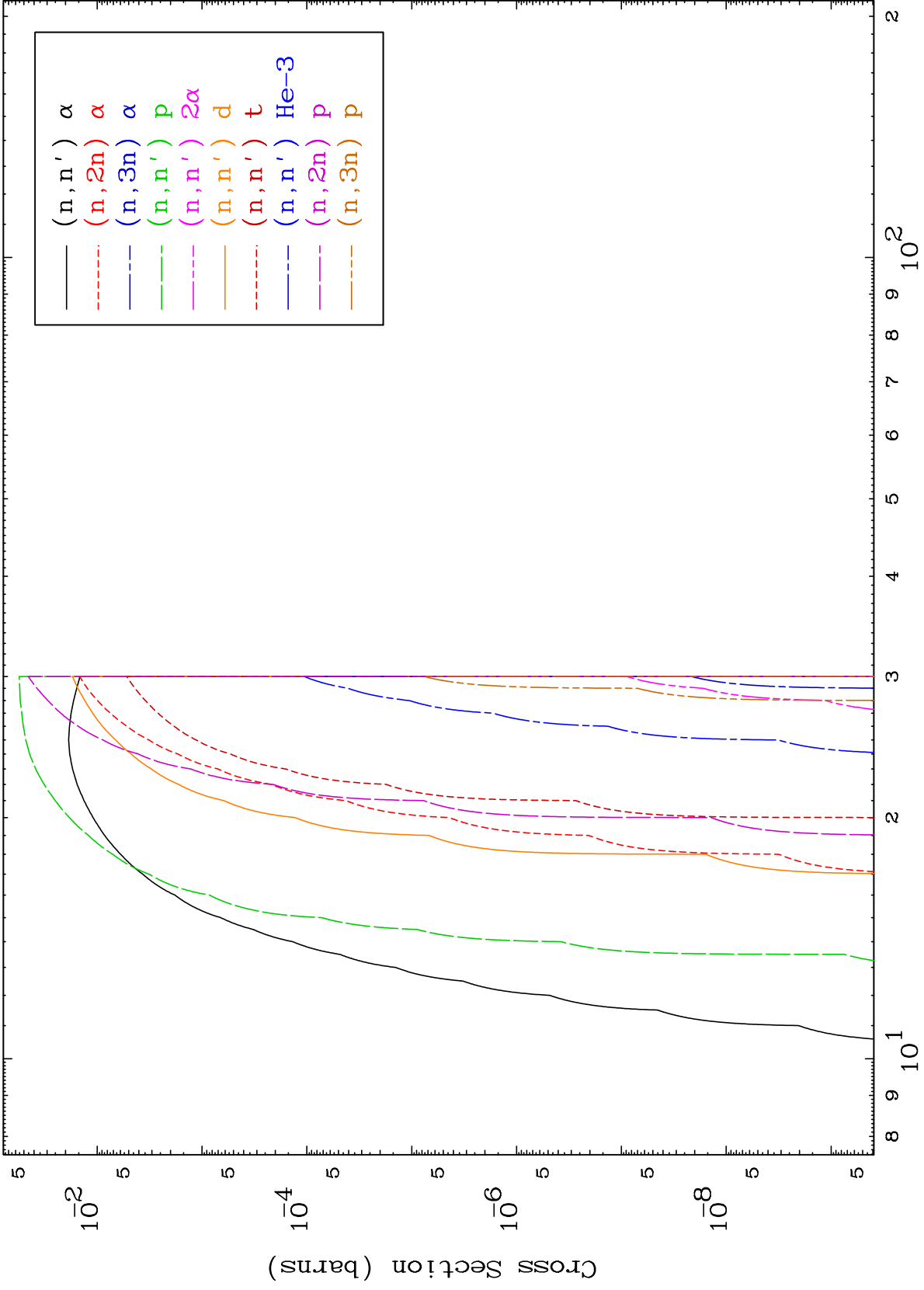




MAT 2440

Charged Particle
293 Kelvin Cross Sections

24-Cr-55



4

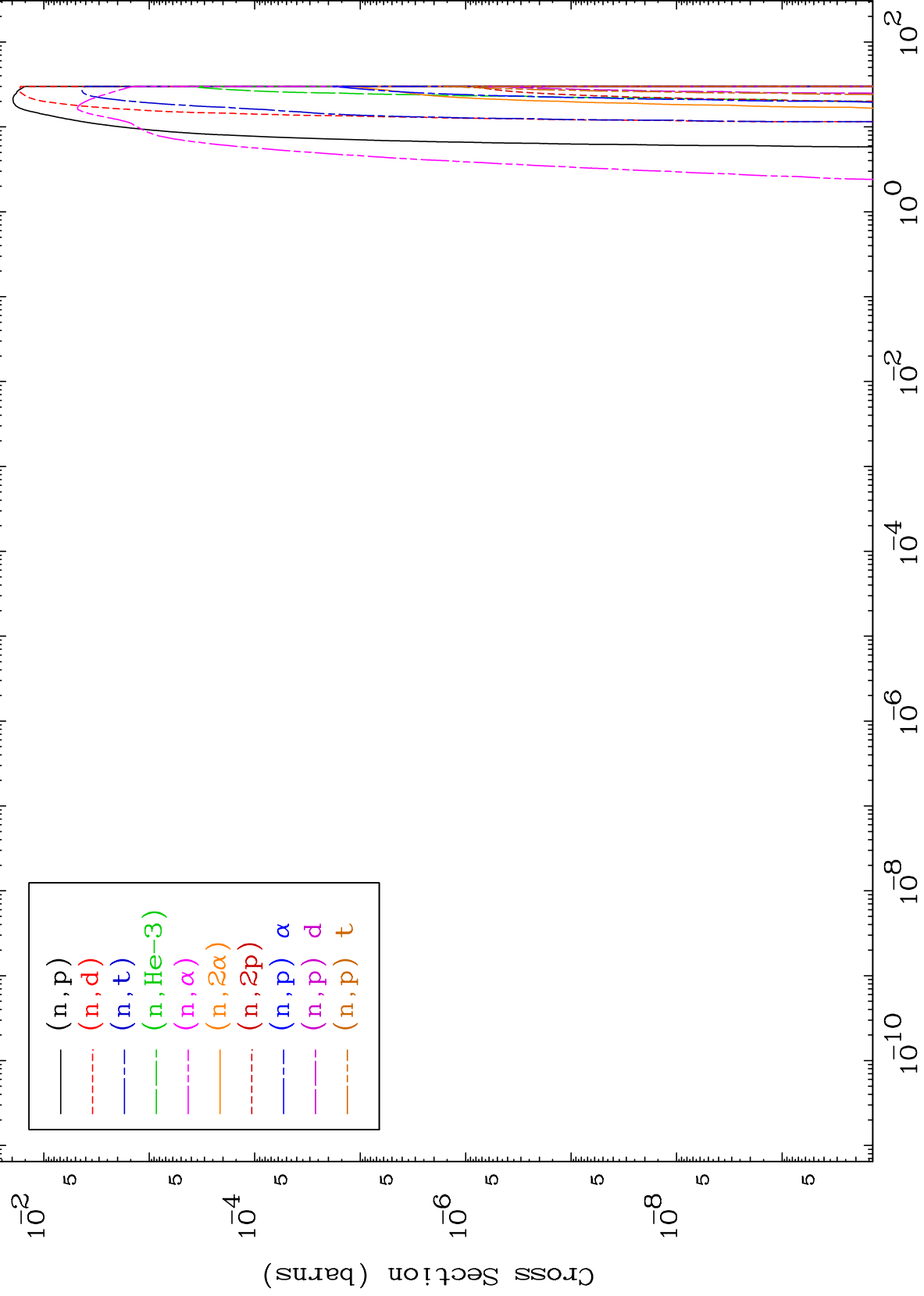
Incident Energy (MeV)

24-Cr-55

MAT 2440

Charged Particle
293 Kelvin Cross Sections

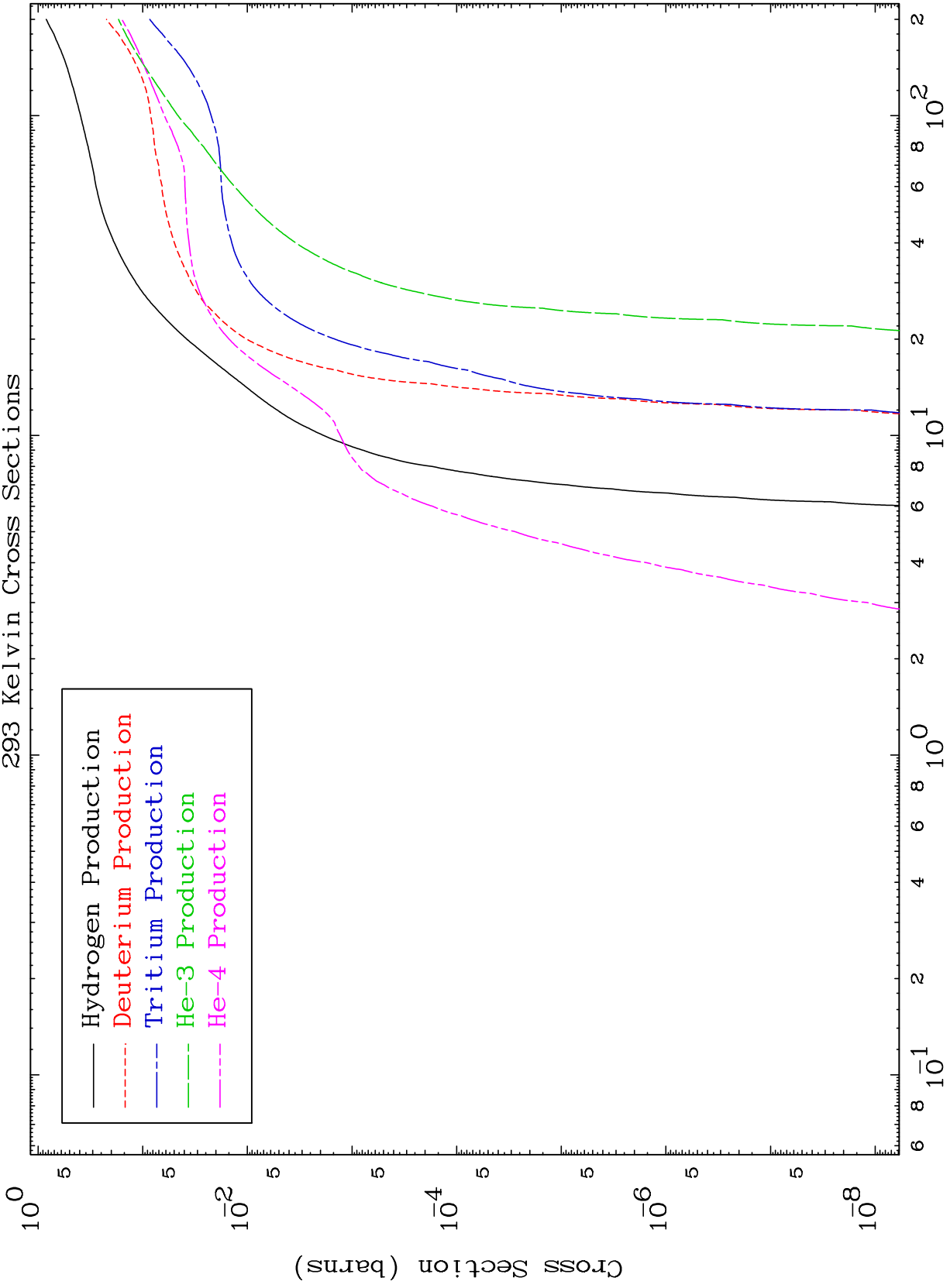
24-Cr-55



MAT 2440

Particle Production
293 Kelvin Cross Sections

24-Cr-55



6

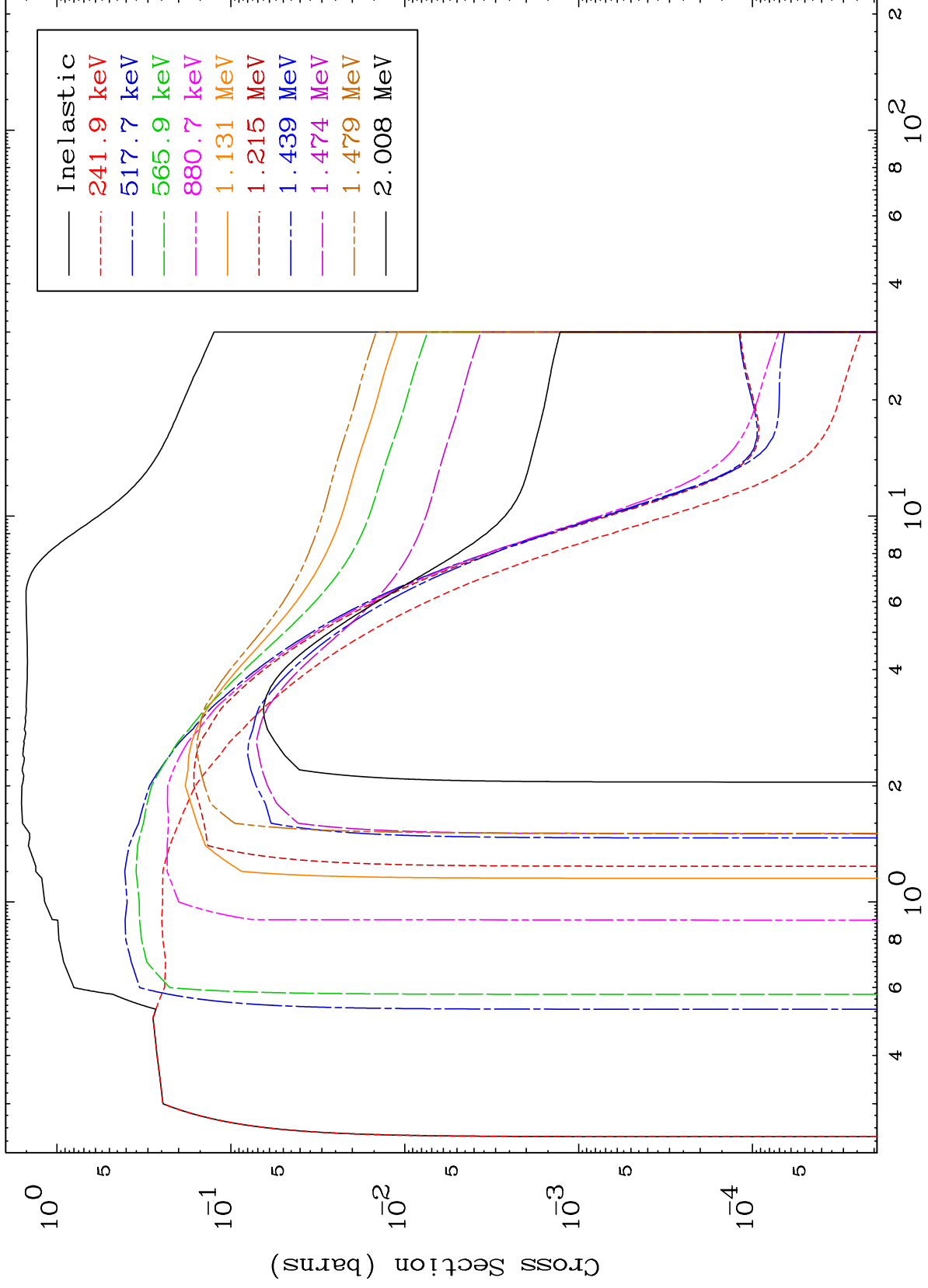
Incident Energy (MeV)

24-Cr-55

MAT 2440

(n,n') Level
293 Kelvin Cross Sections

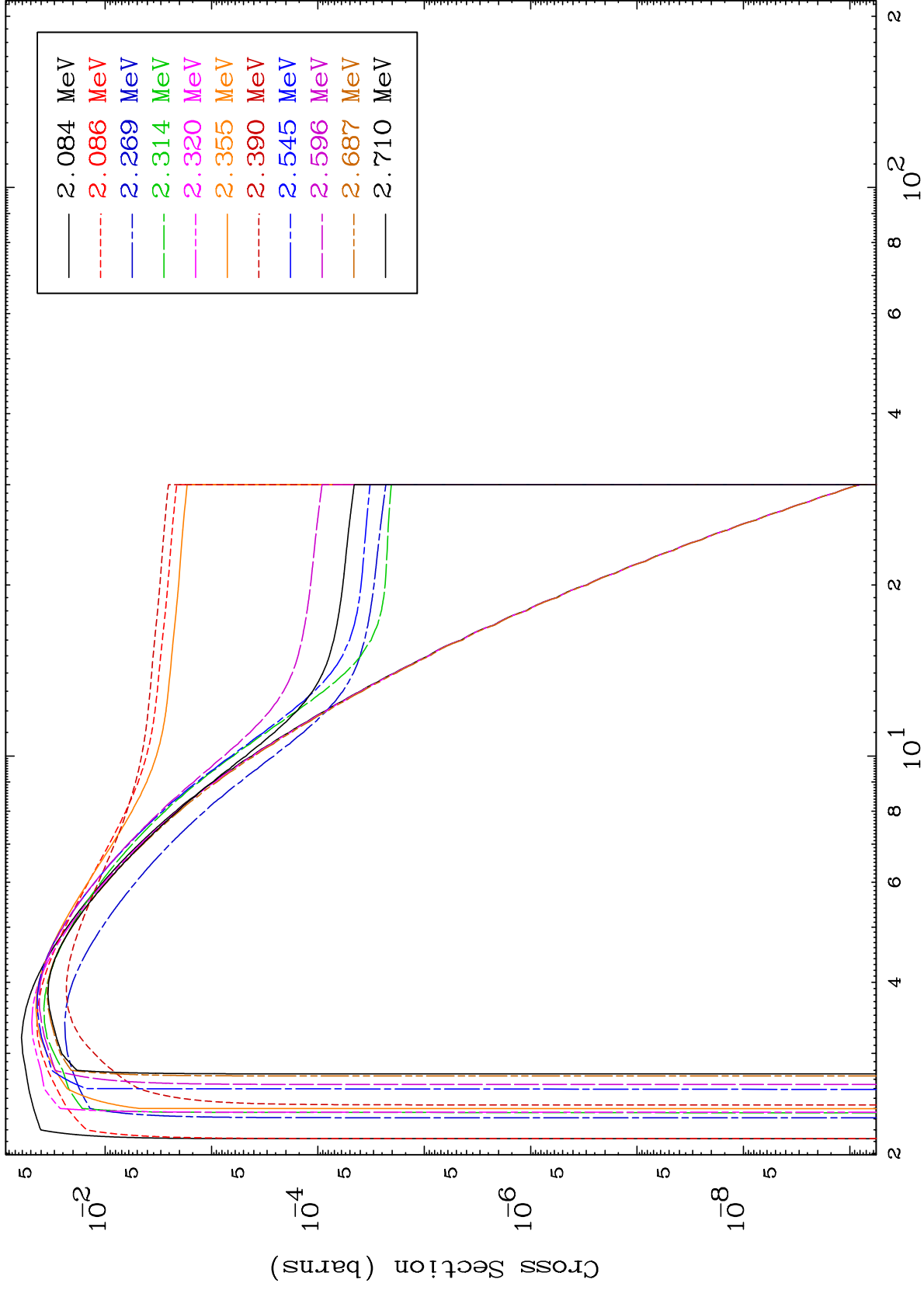
24-Cr-55



MAT 2440

(n,n') Level
293 Kelvin Cross Sections

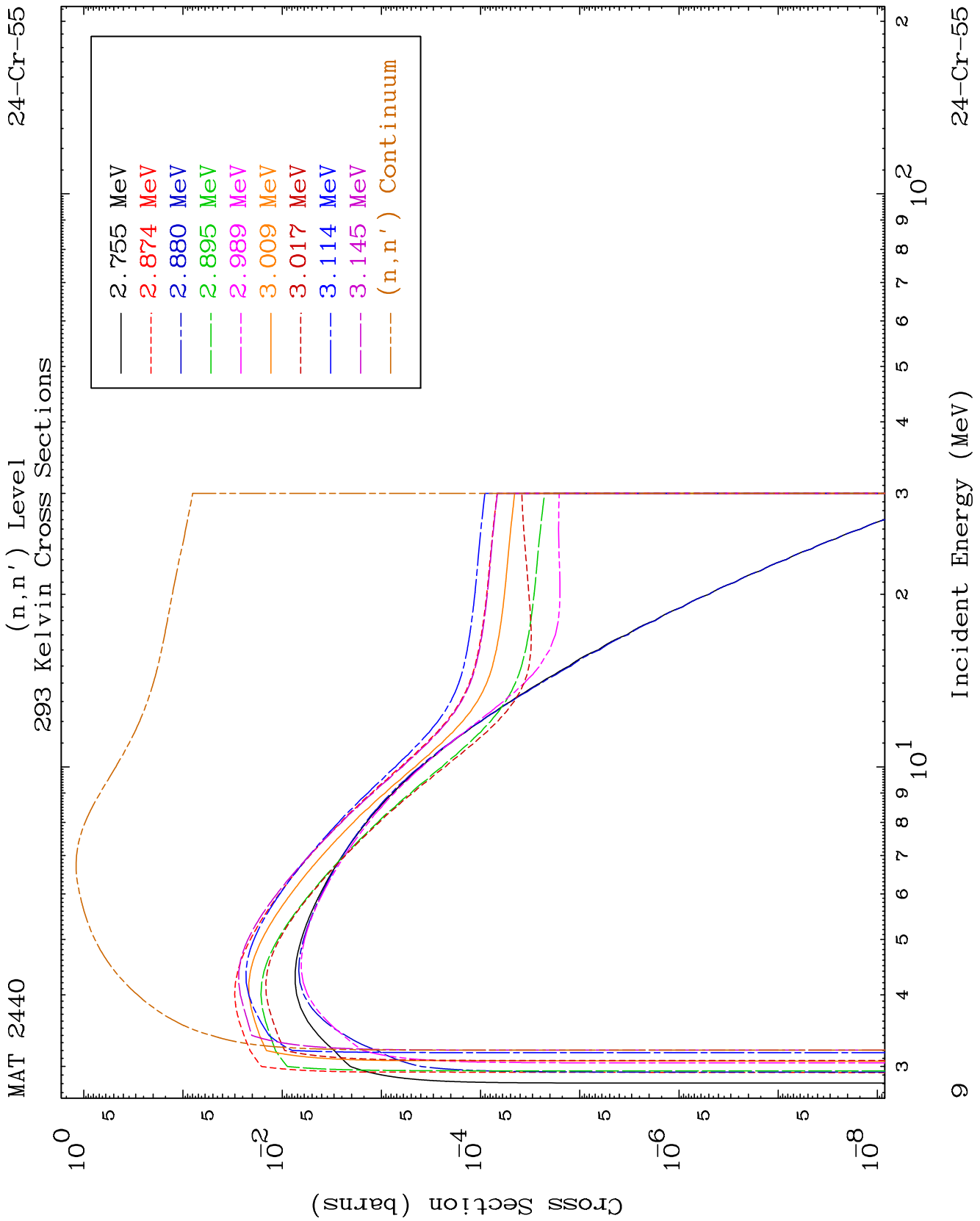
24-Cr-55



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Incident Energy (MeV)

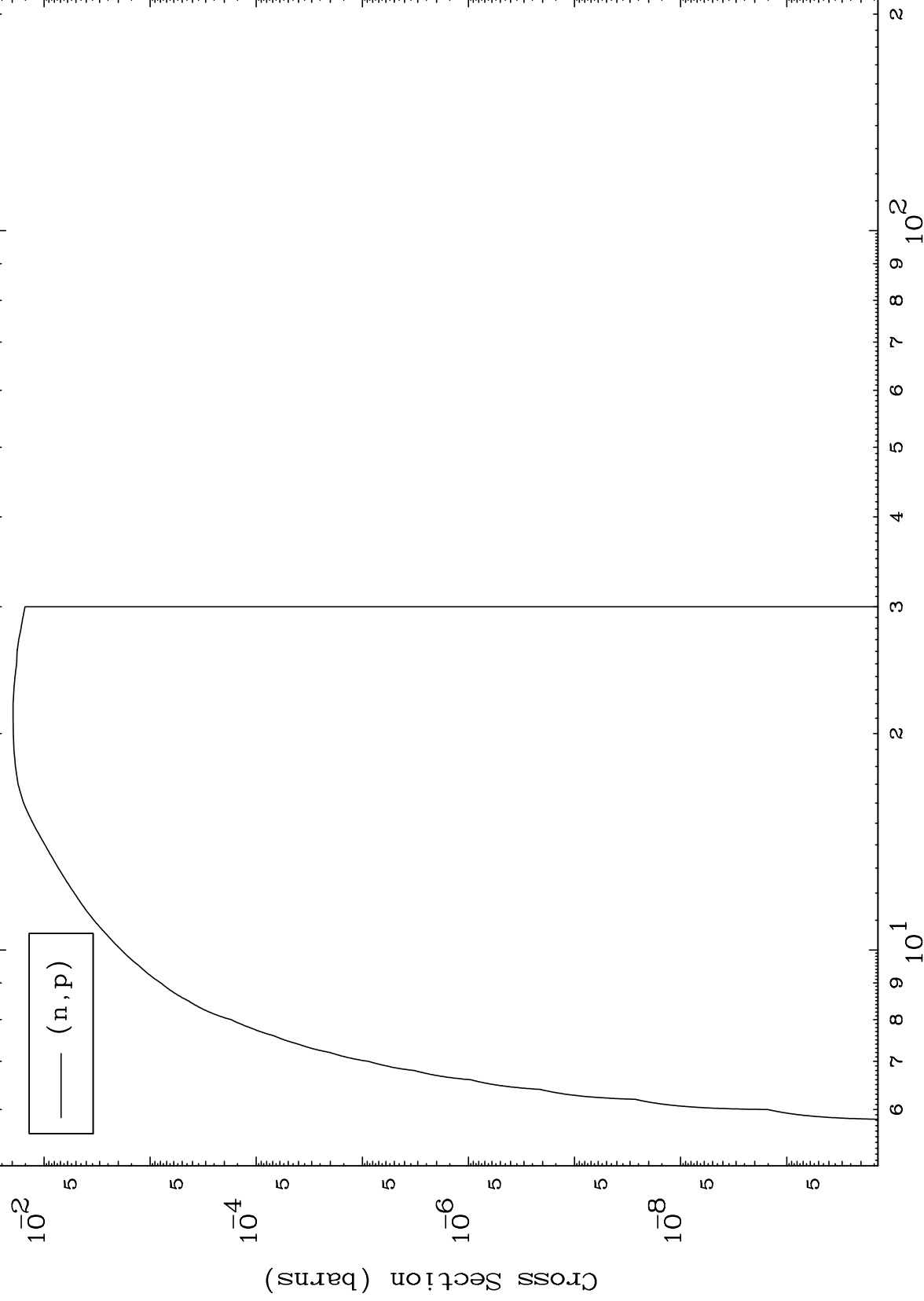
24-Cr-55



MAT 2440

(n,p) Levels
293 Kelvin Cross Sections

24-Cr-55



10

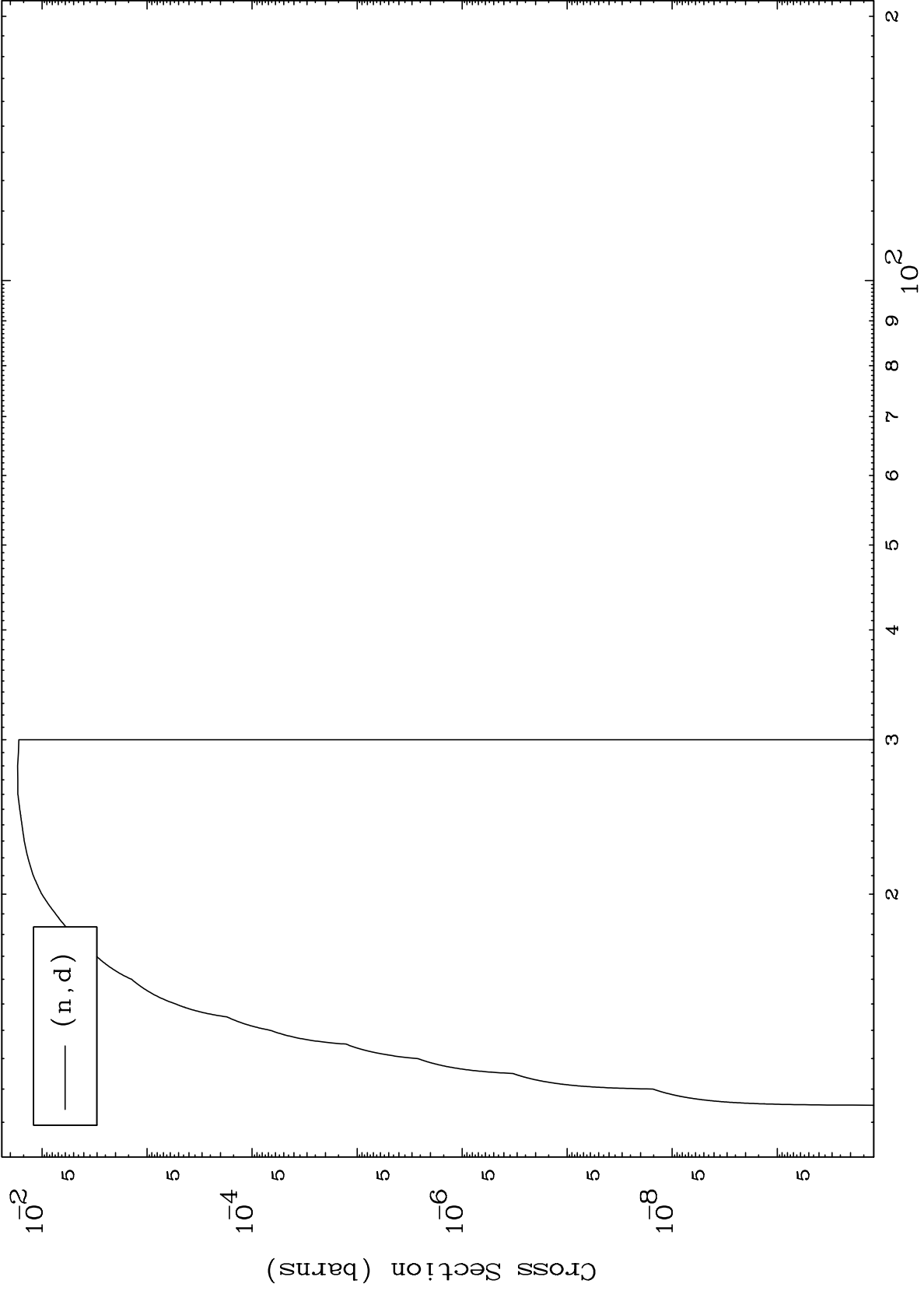
Incident Energy (MeV)

24-Cr-55

MAT 2440

(n,d) Levels
293 Kelvin Cross Sections

24-Cr-55



11

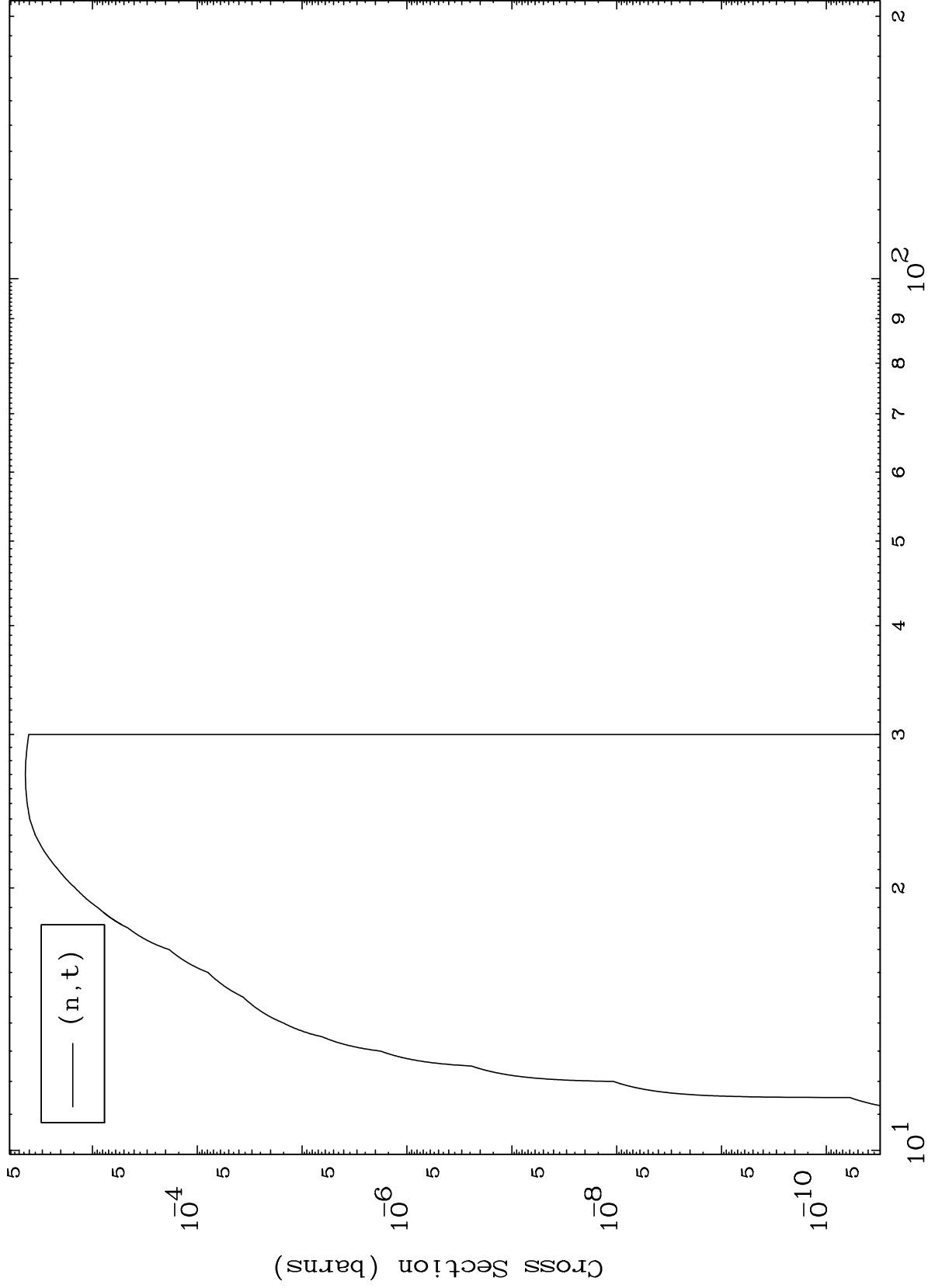
Incident Energy (MeV)

24-Cr-55

MAT 2440

(n,t) Levels
293 Kelvin Cross Sections

24-Cr-55



12

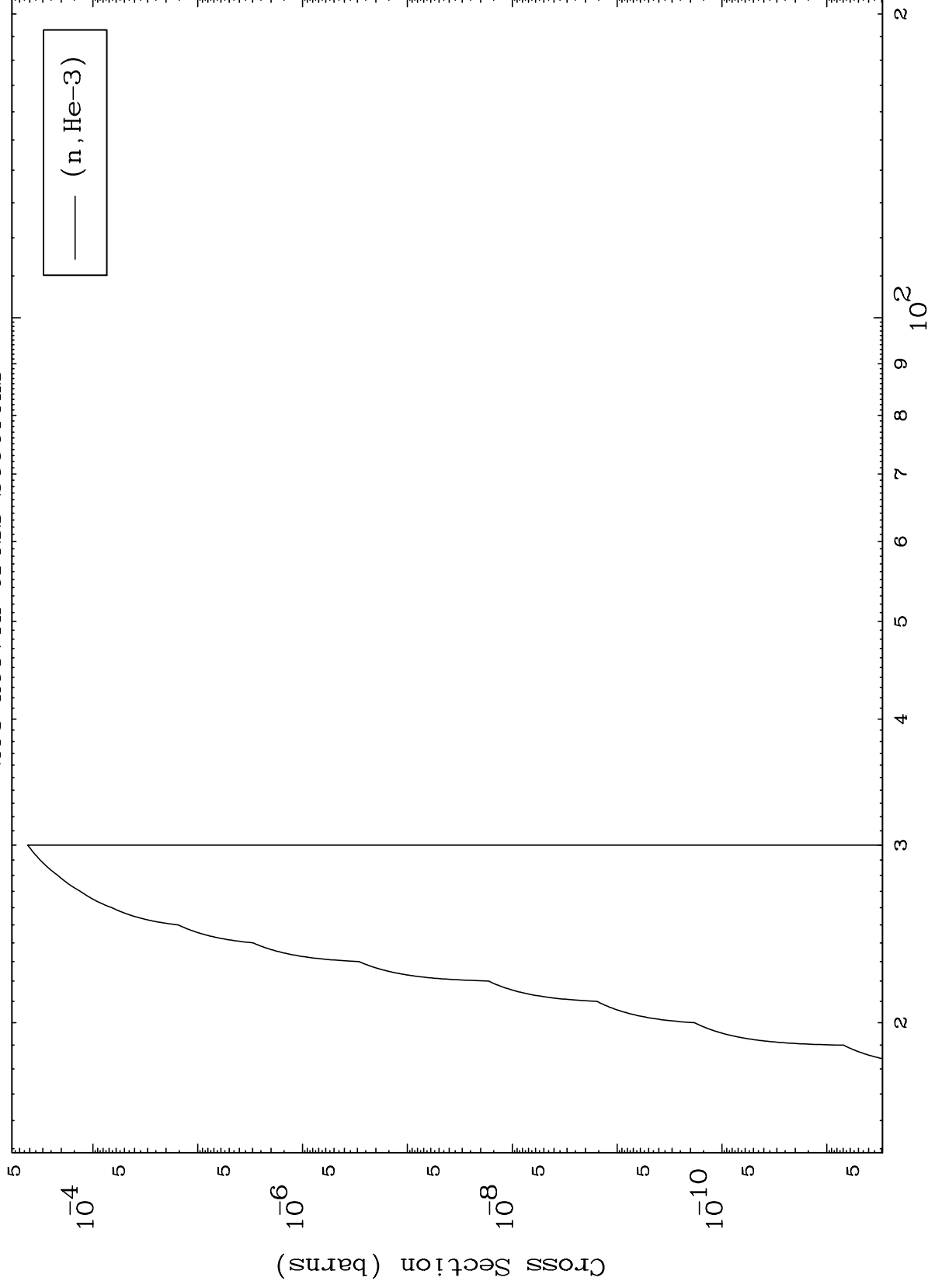
Incident Energy (MeV)

24-Cr-55

MAT 2440

(n,He3) Levels
293 Kelvin Cross Sections

24-Cr-55



13

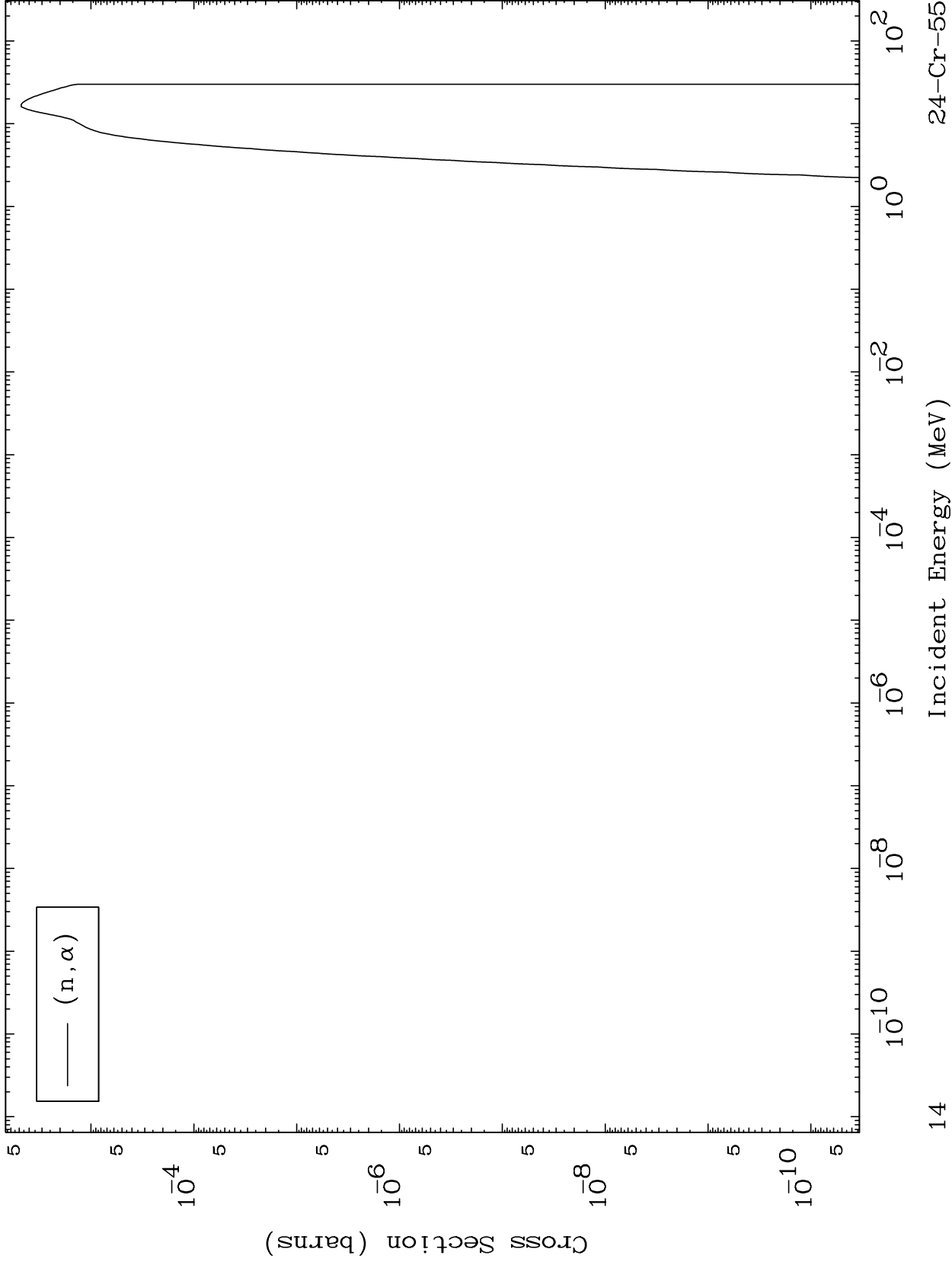
Incident Energy (MeV)

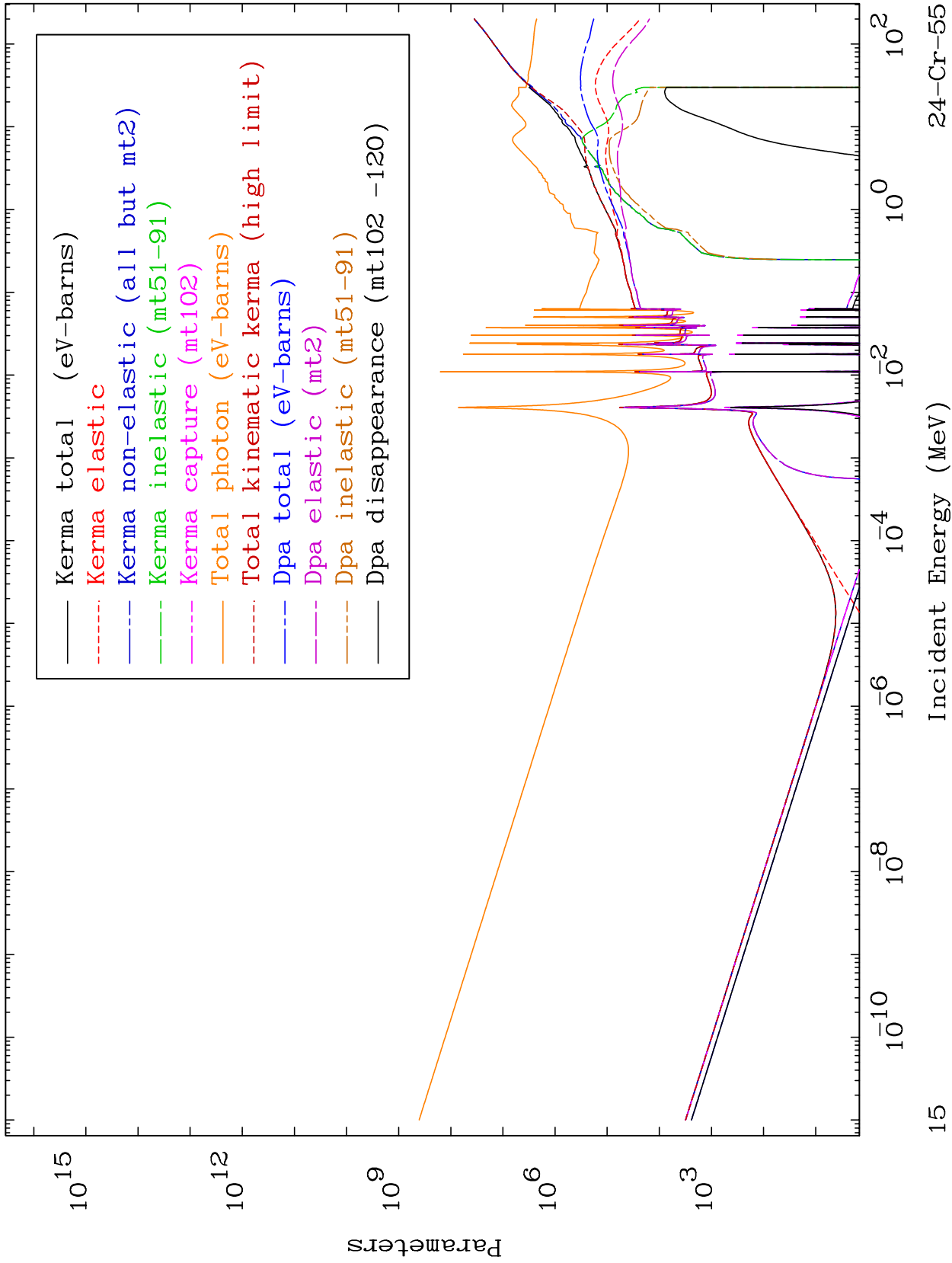
24-Cr-55

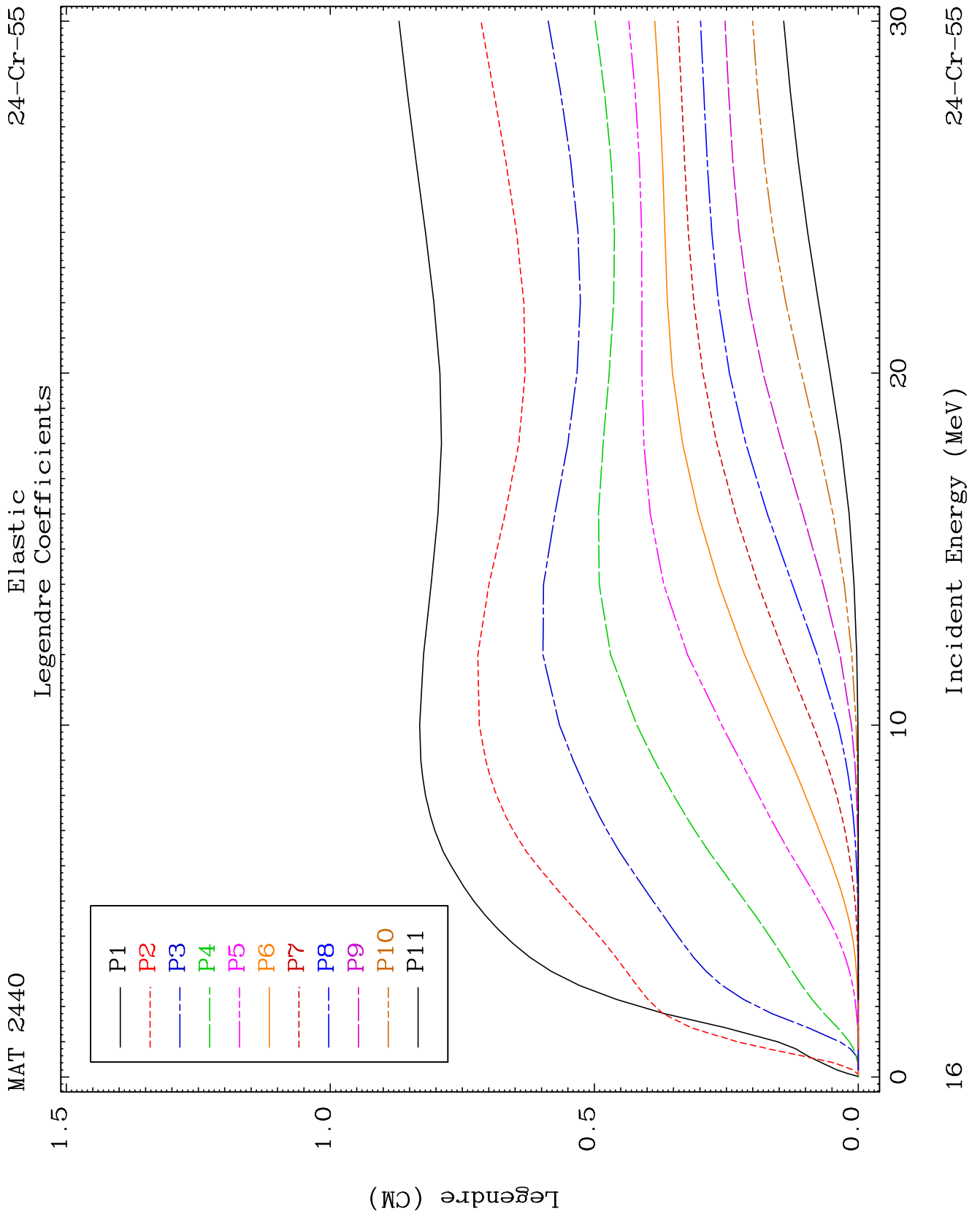
MAT 2440

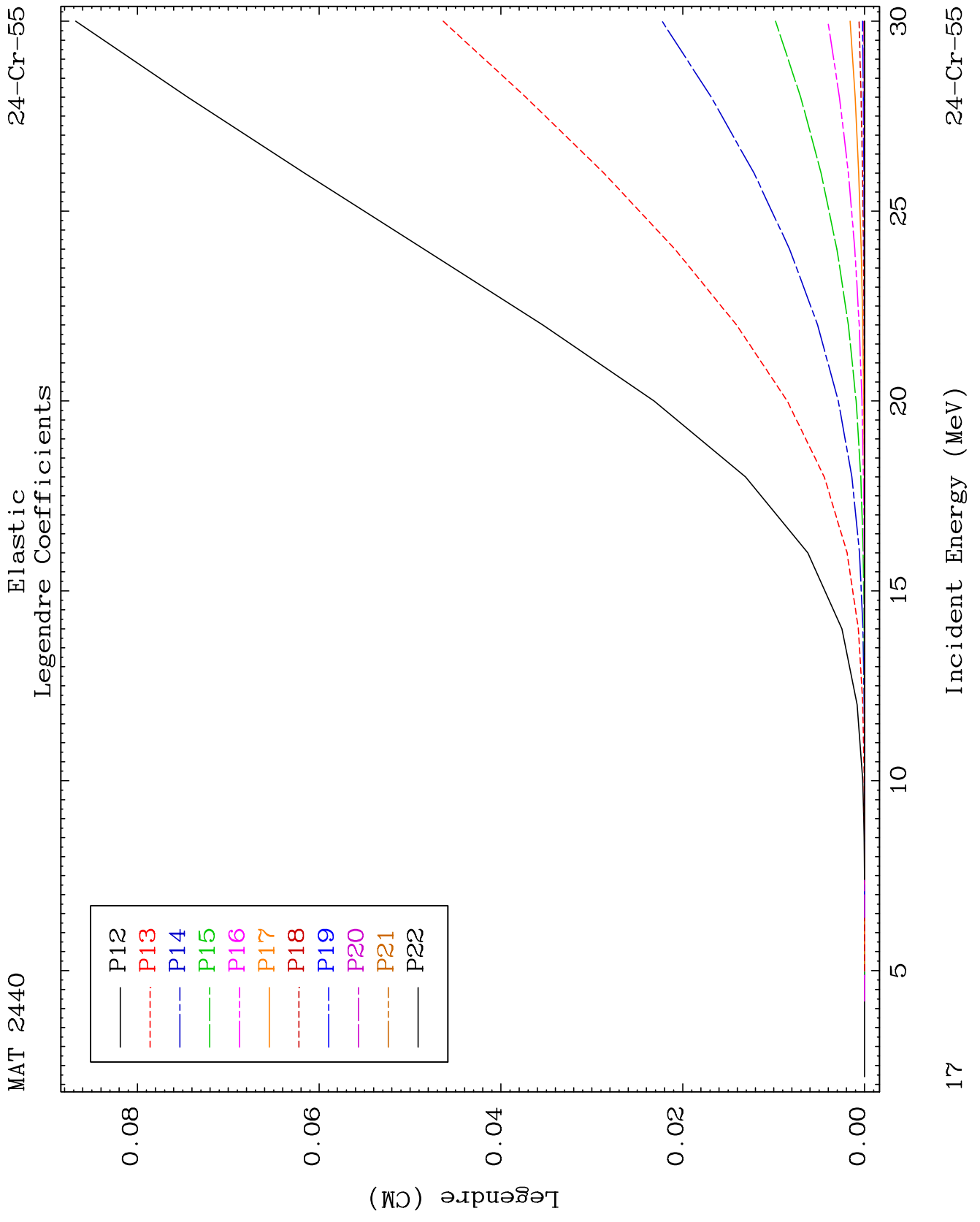
(n, α) Levels
293 Kelvin Cross Sections

24-Cr-55



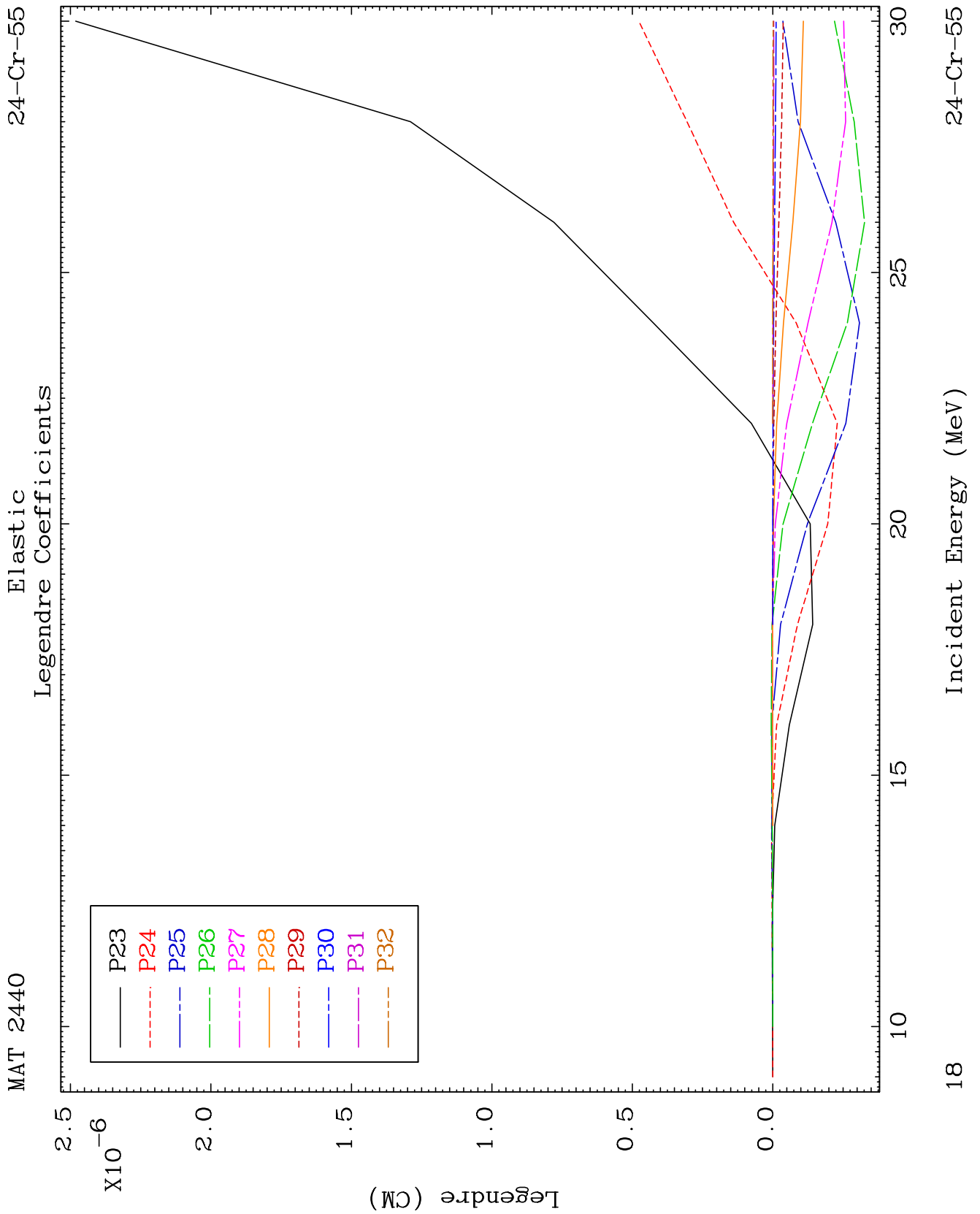


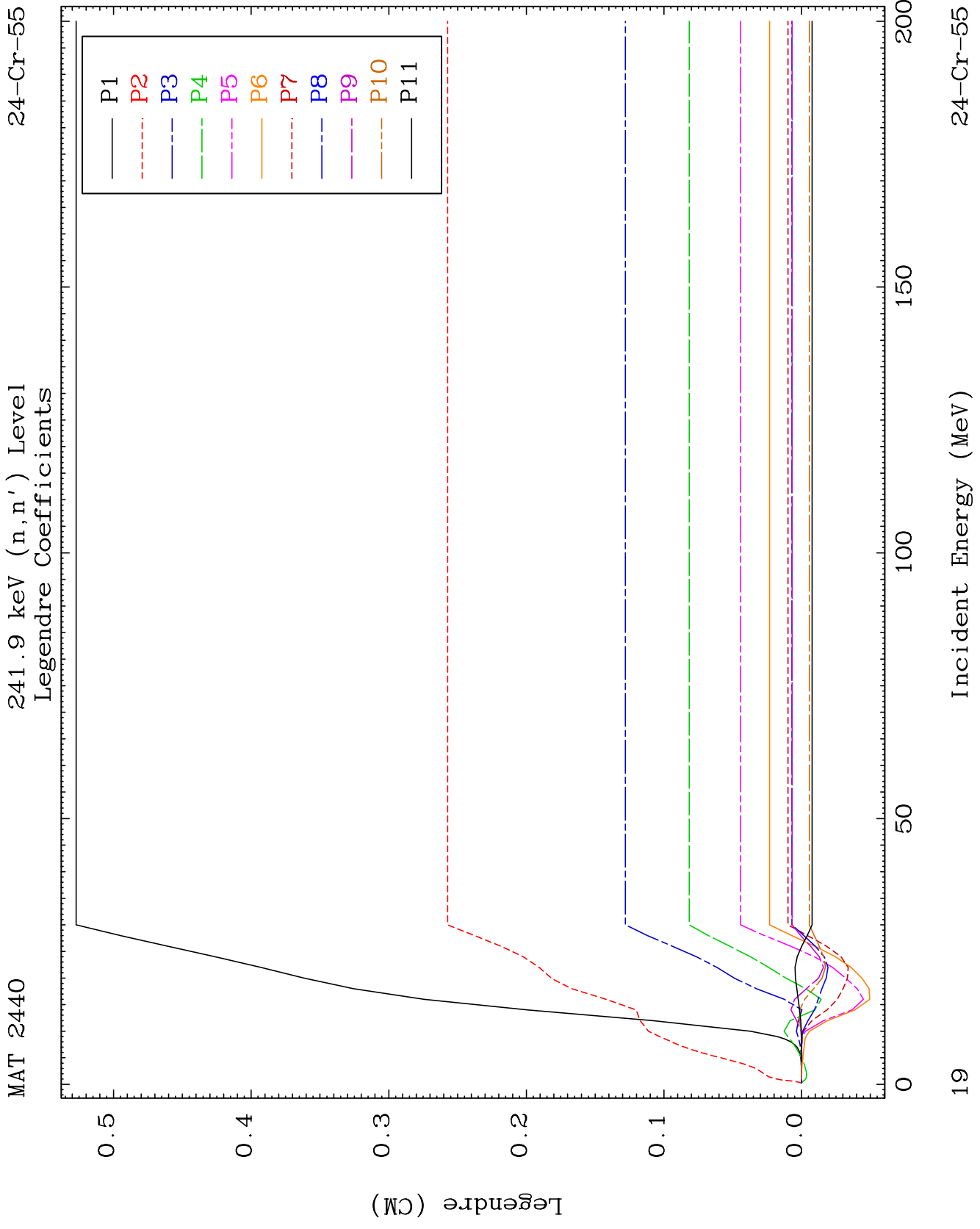




MAT 2440

24-Cr-55

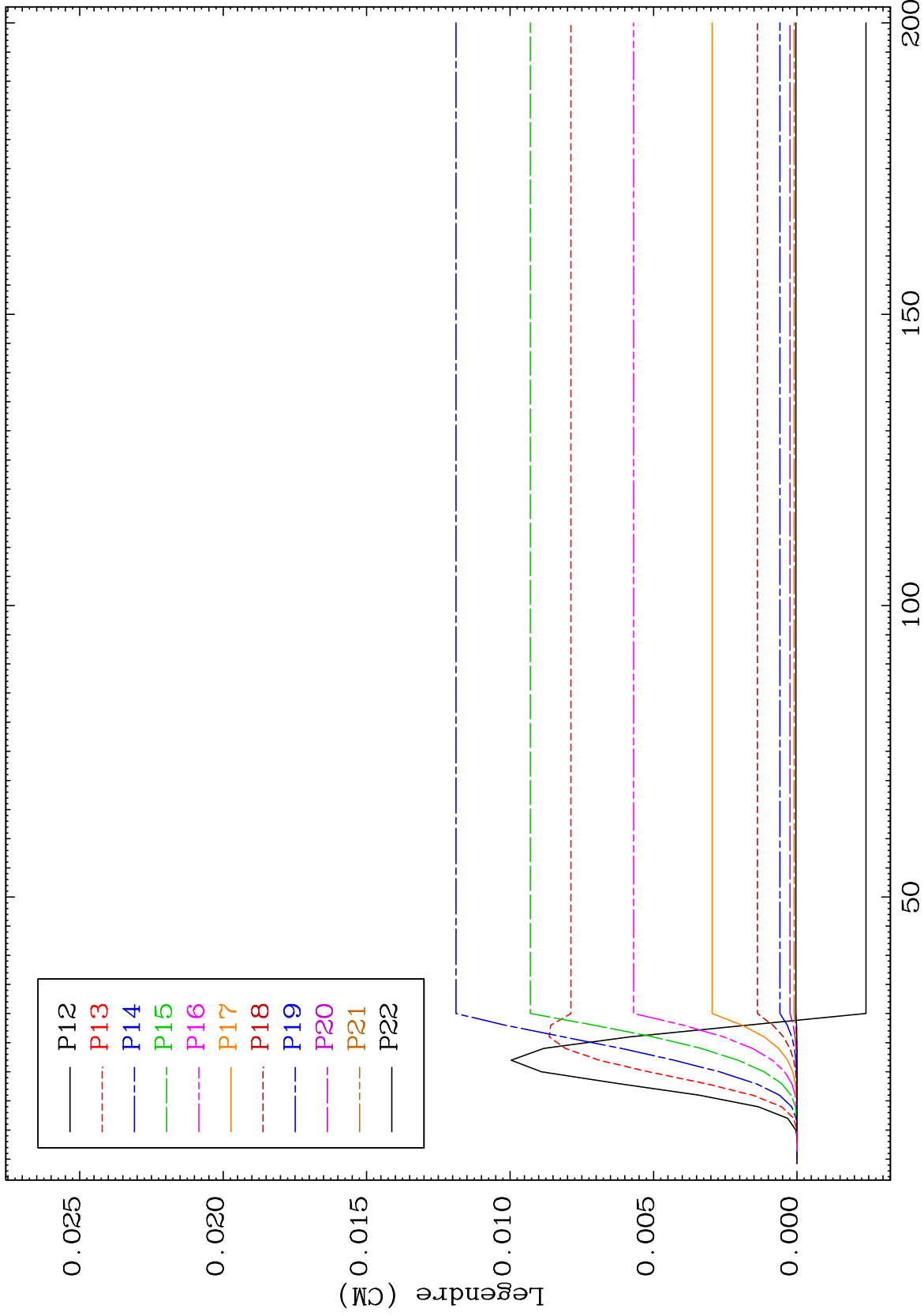




MAT 2440

241.9 keV (n,n') Level
Legendre Coefficients

24-Cr-55



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Incident Energy (MeV)

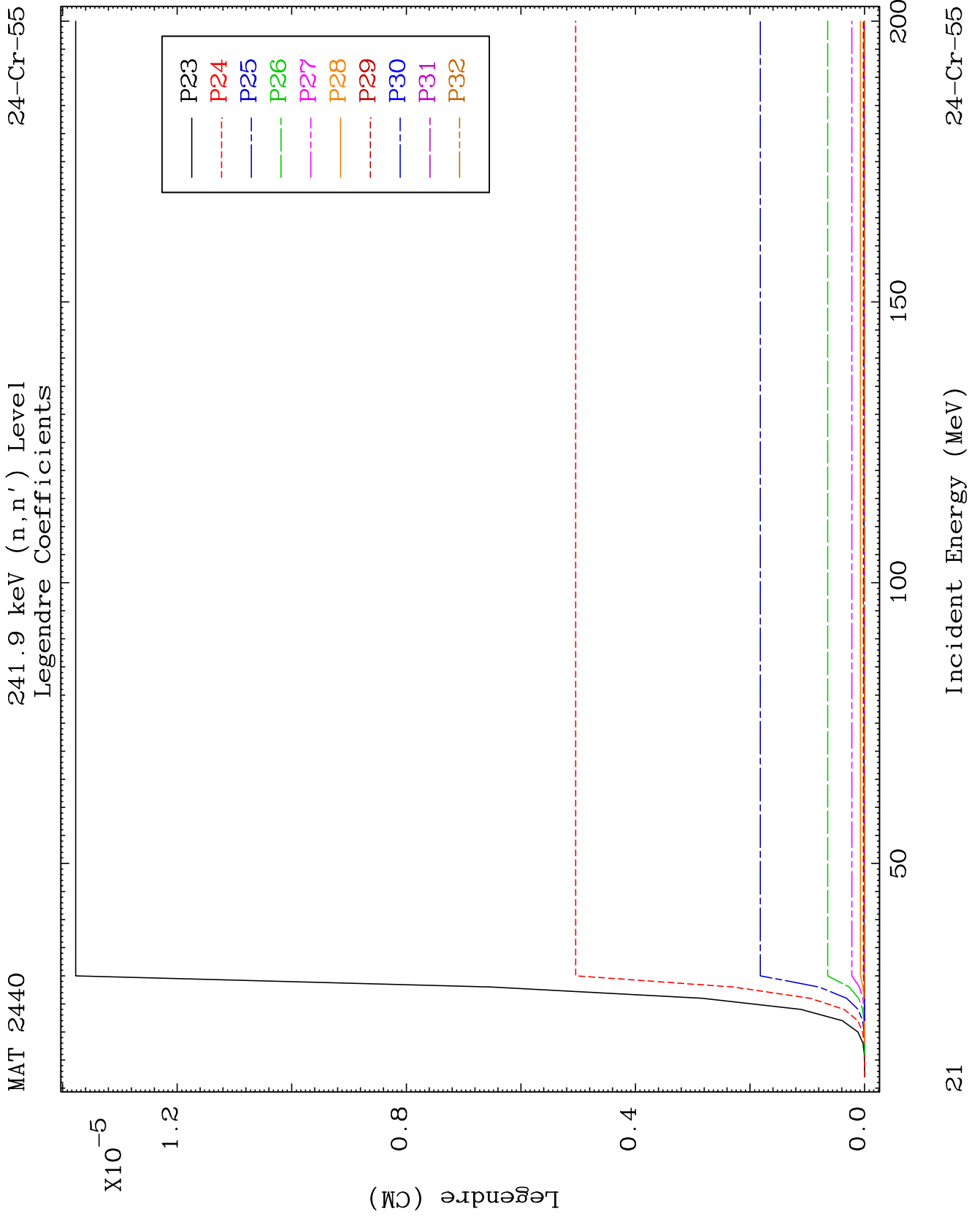
50

100

150

200

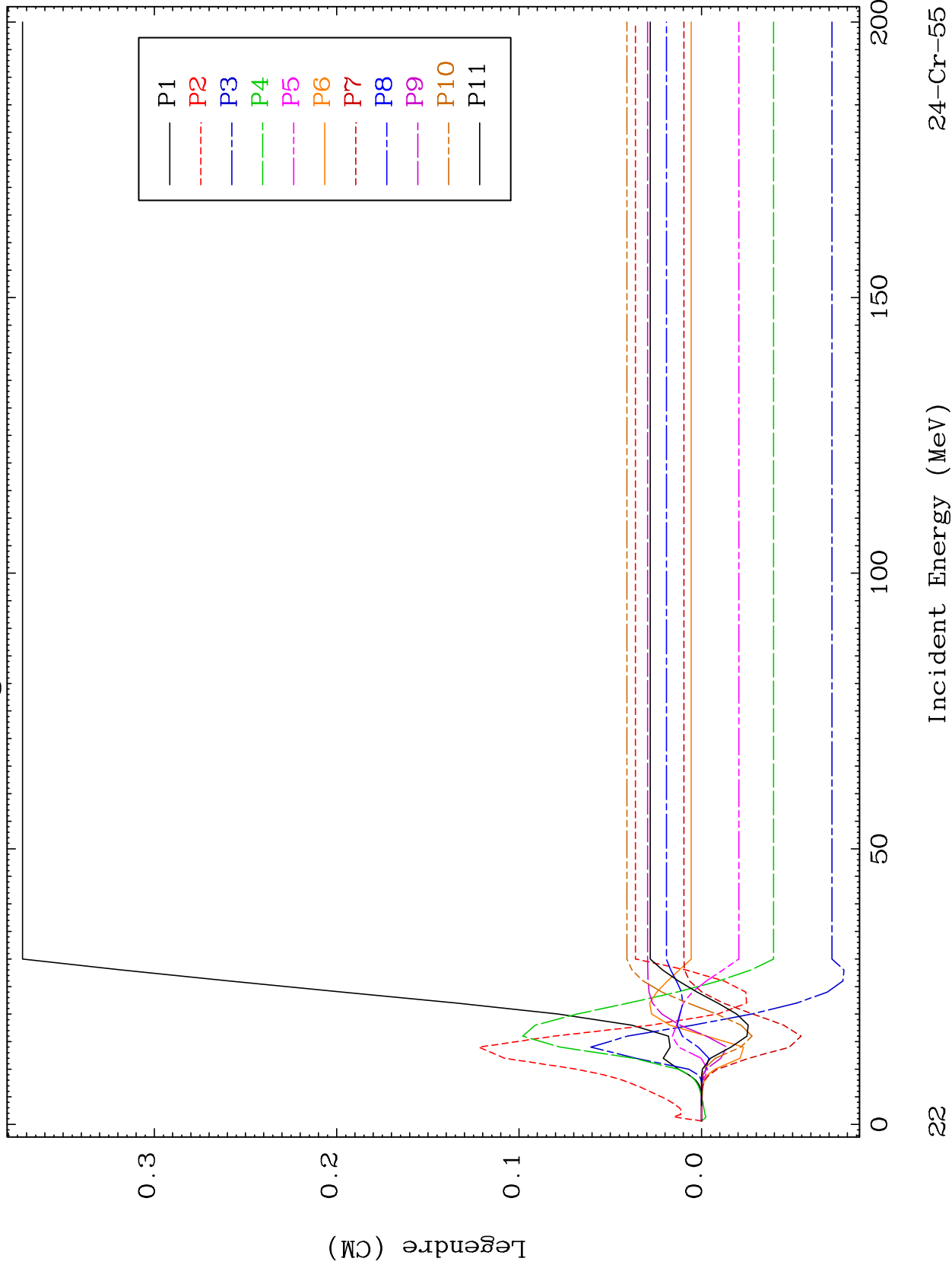
24-Cr-55



MAT 2440

517.7 keV (n,n') Level
Legendre Coefficients

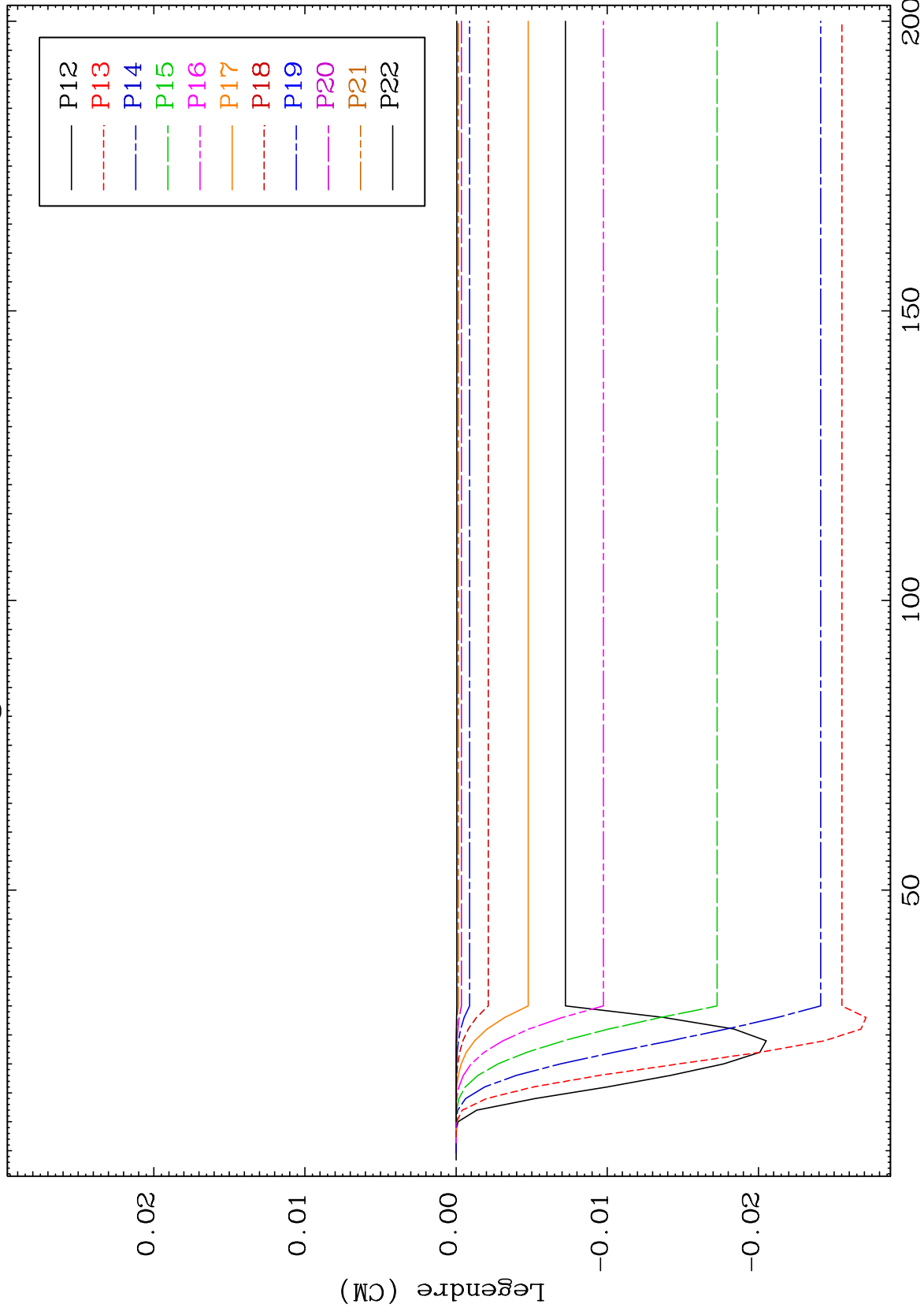
24-Cr-55



MAT 2440

517.7 keV (n,n') Level
Legendre Coefficients

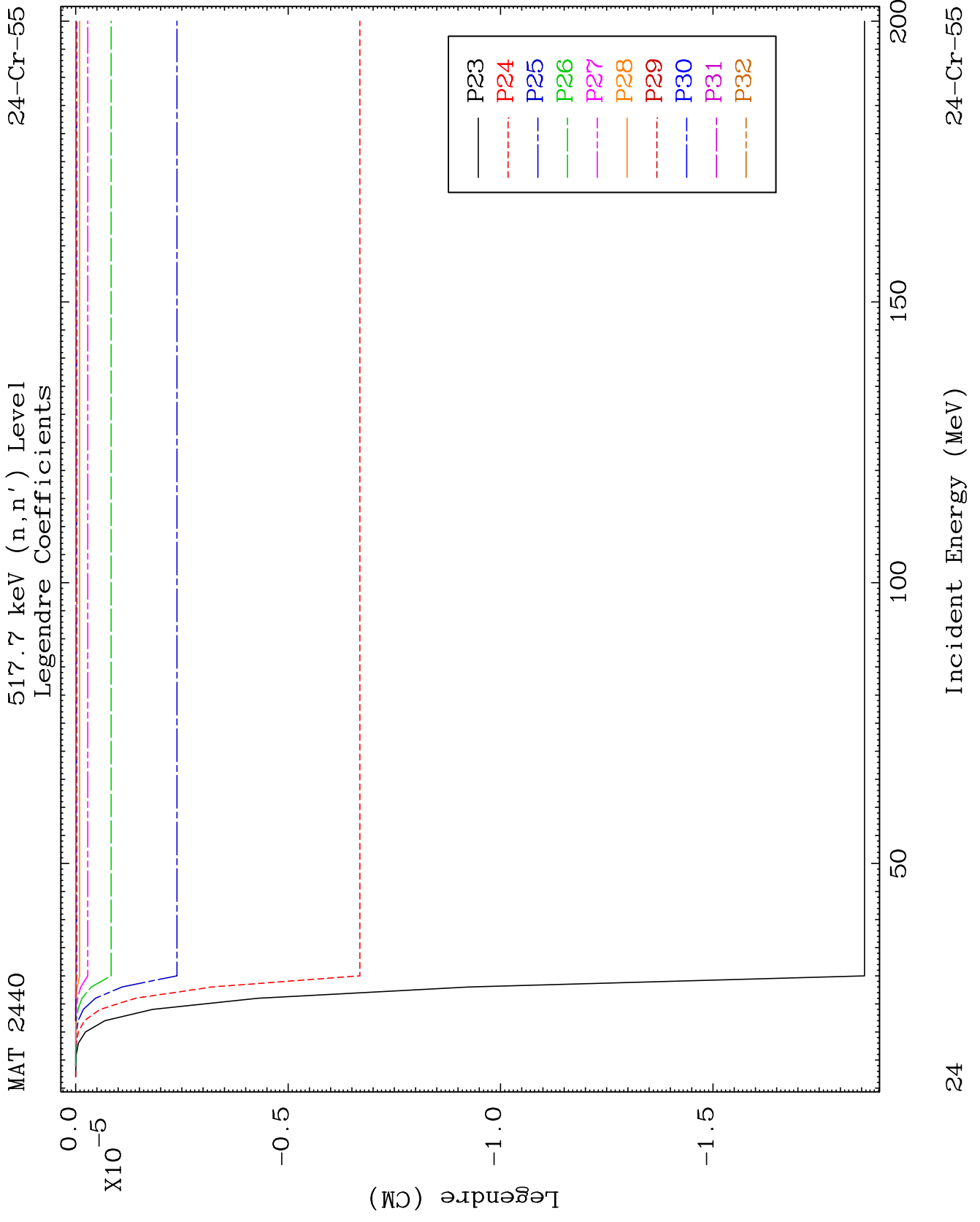
24-Cr-55



23

Incident Energy (MeV)

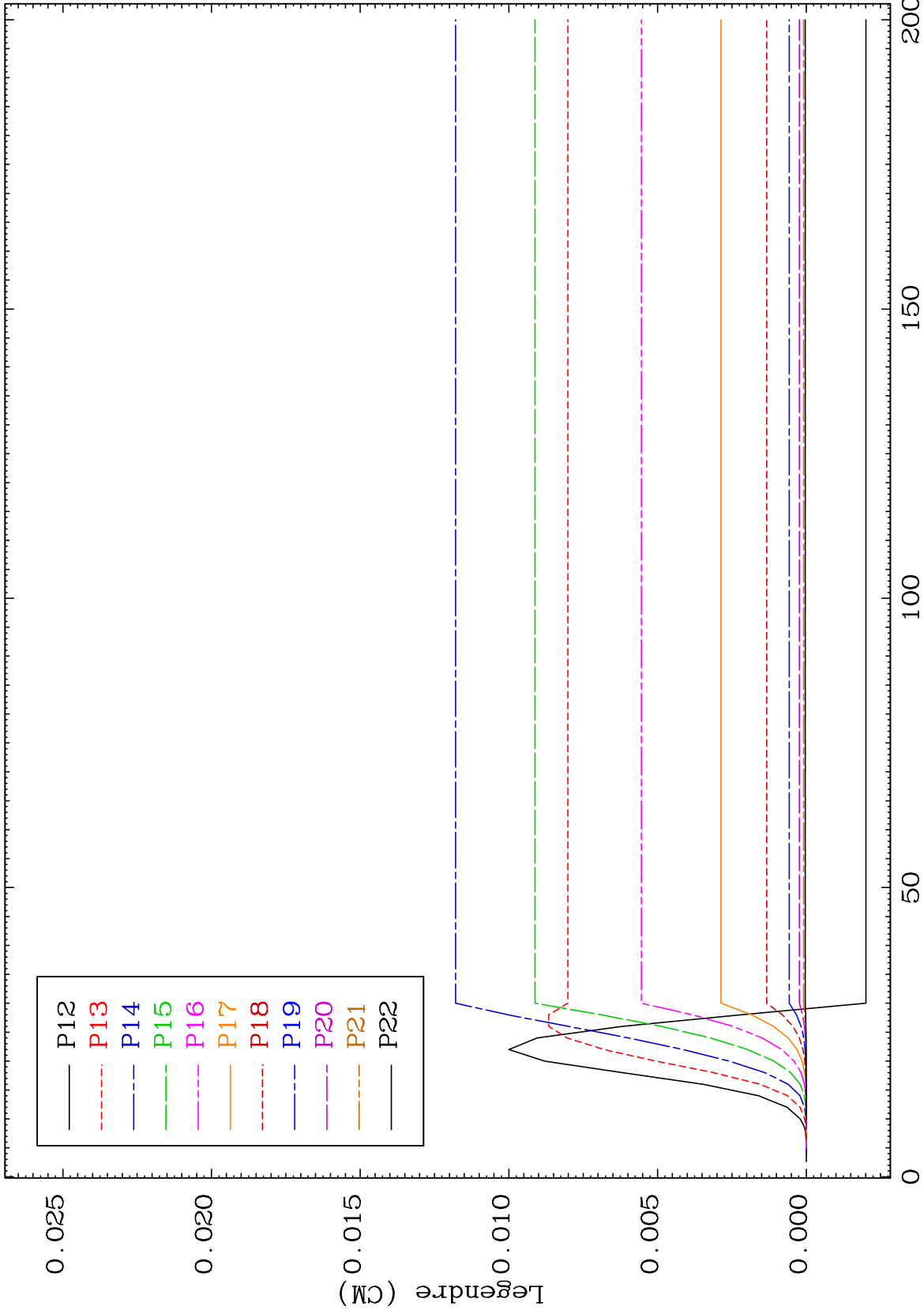
24-Cr-55



MAT 2440

565.9 keV (n,n') Level
Legendre Coefficients

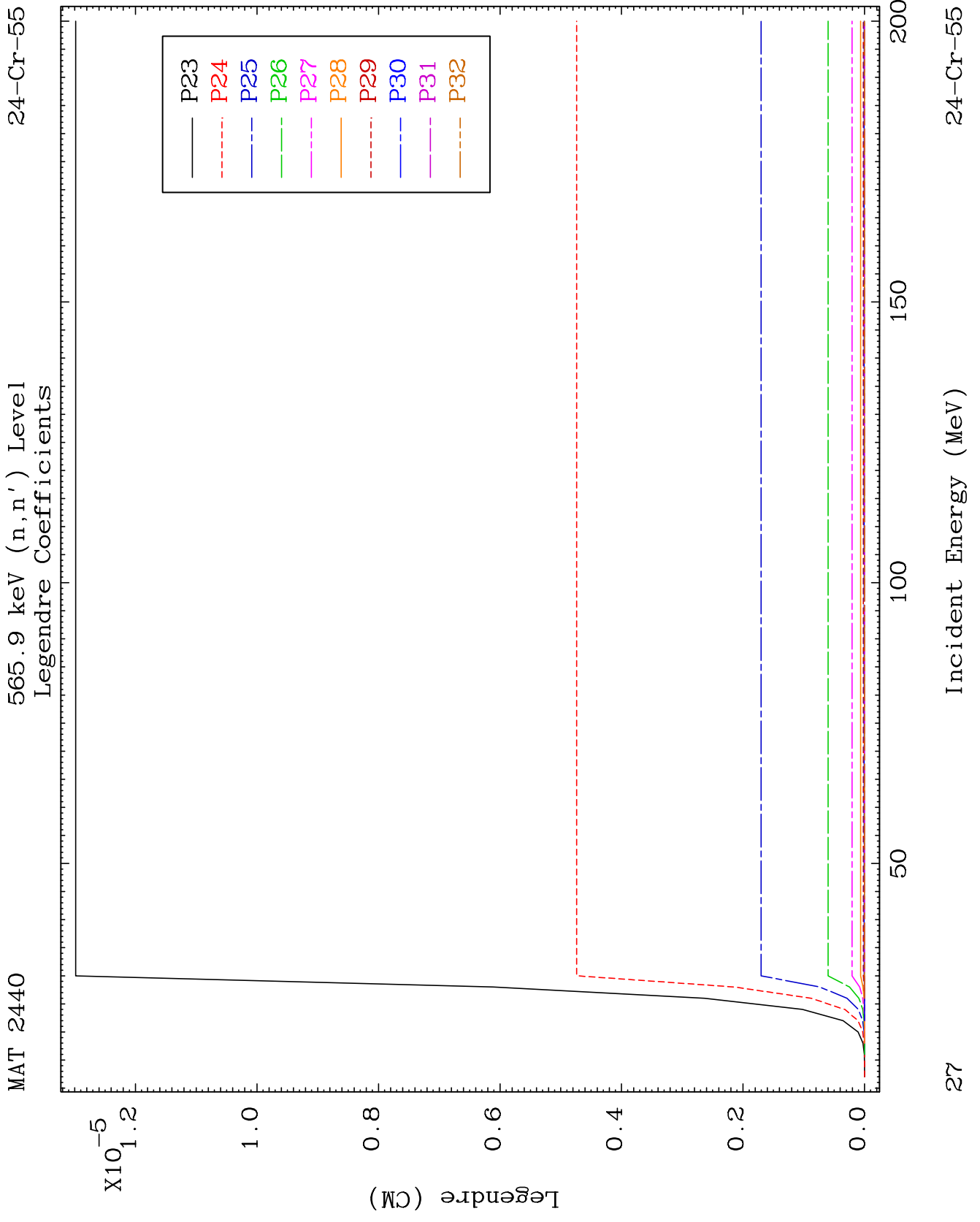
24-Cr-55

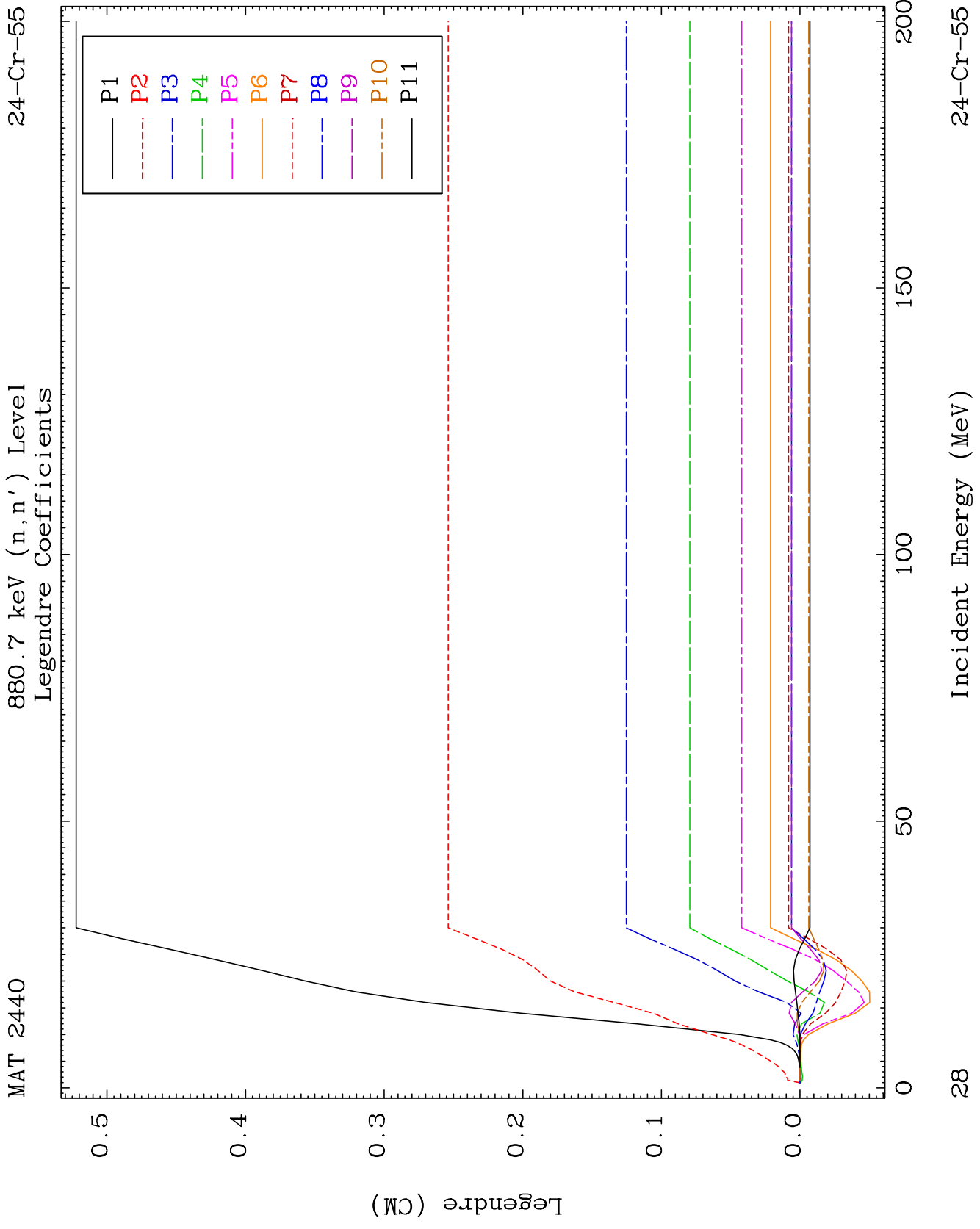


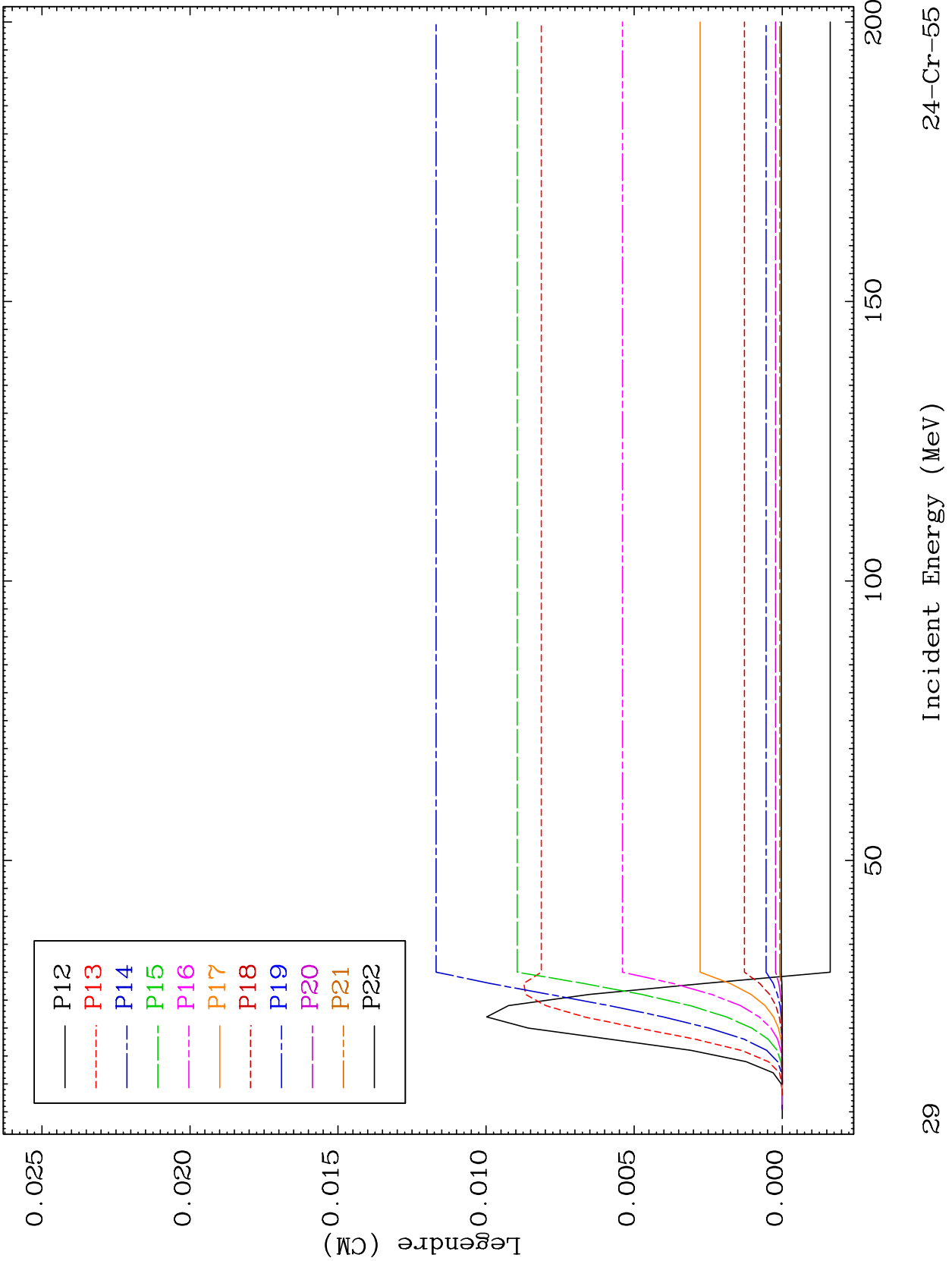
26

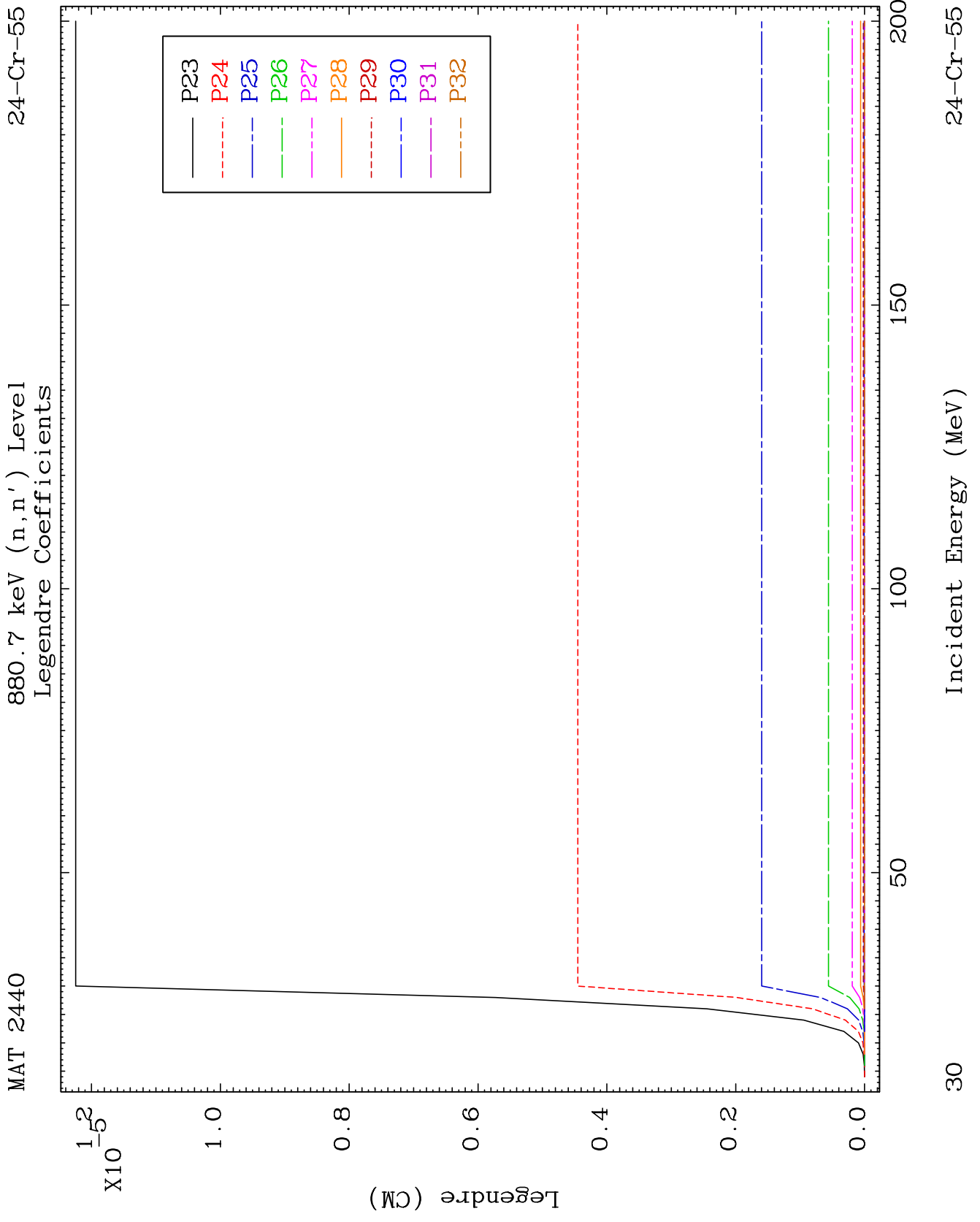
Incident Energy (MeV)

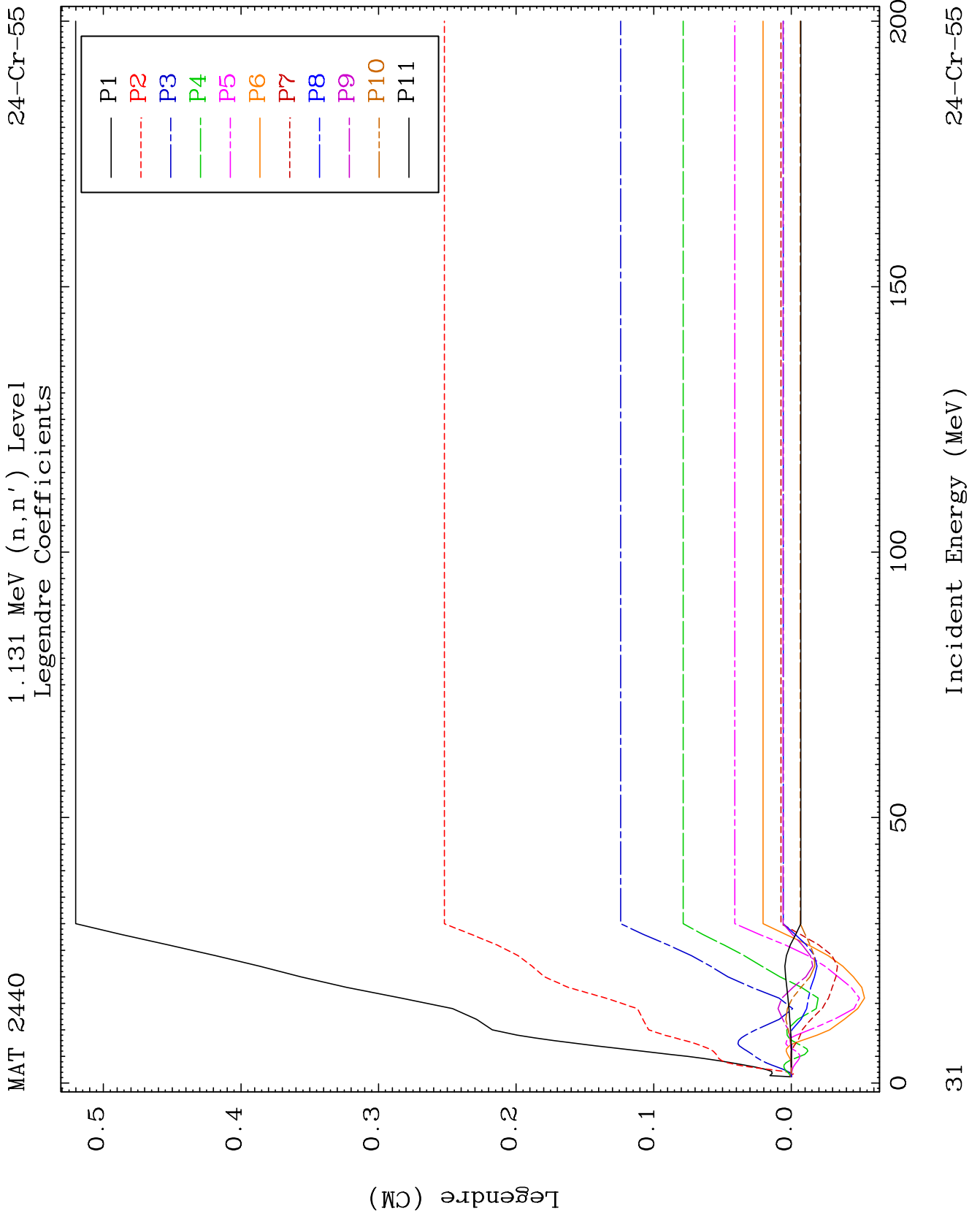
24-Cr-55







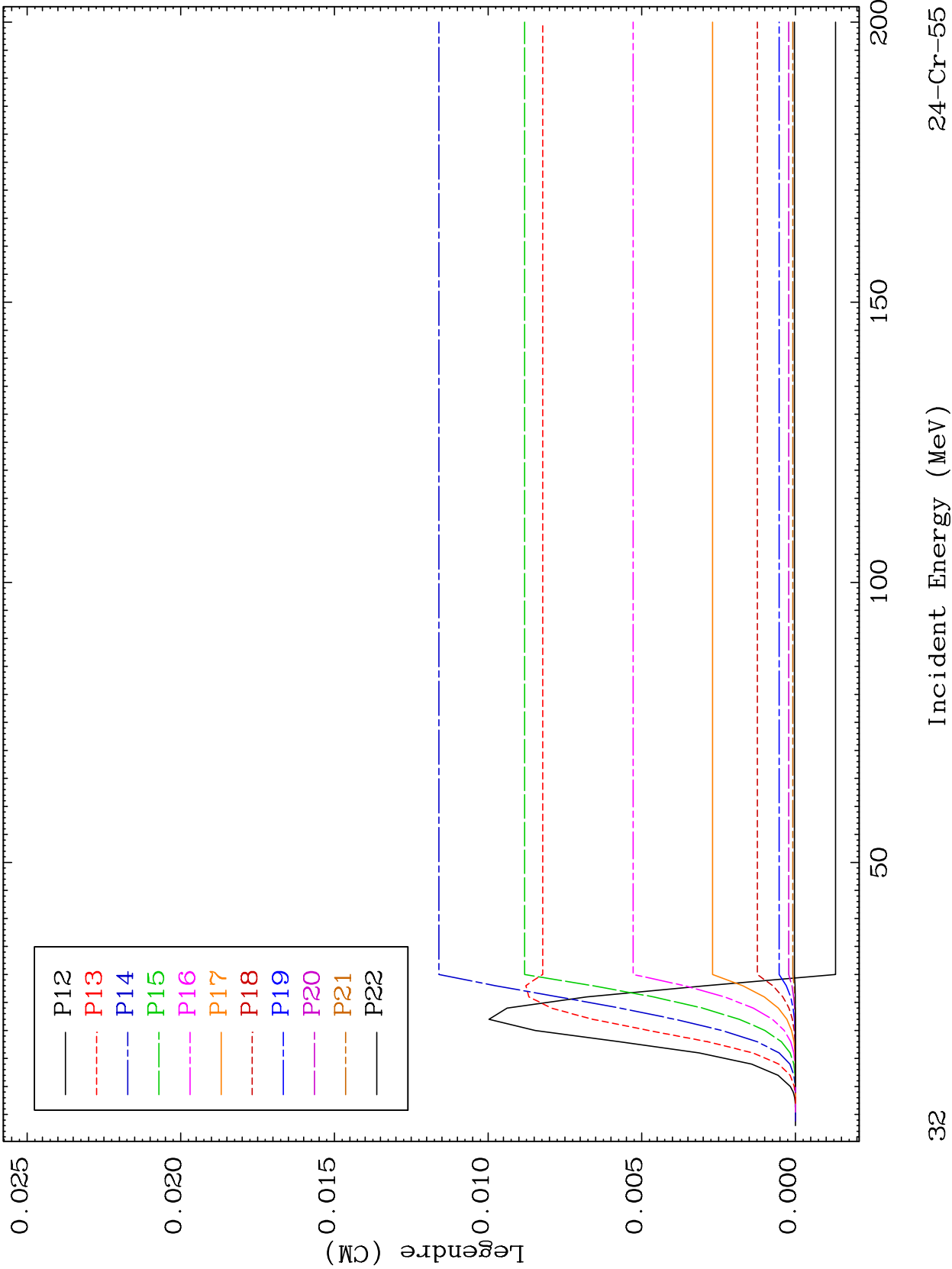




MAT 2440

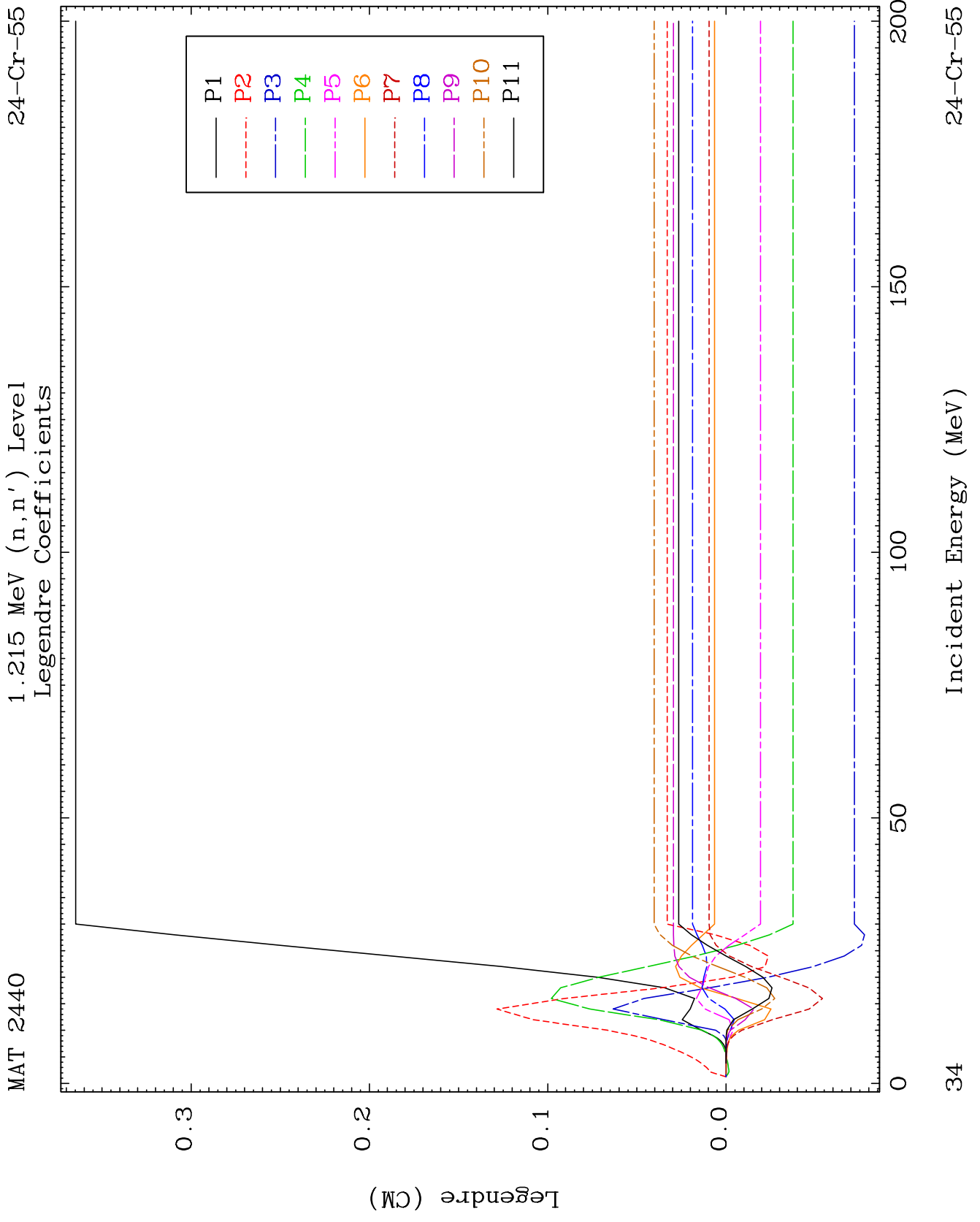
1.131 MeV (n,n') Level
Legendre Coefficients

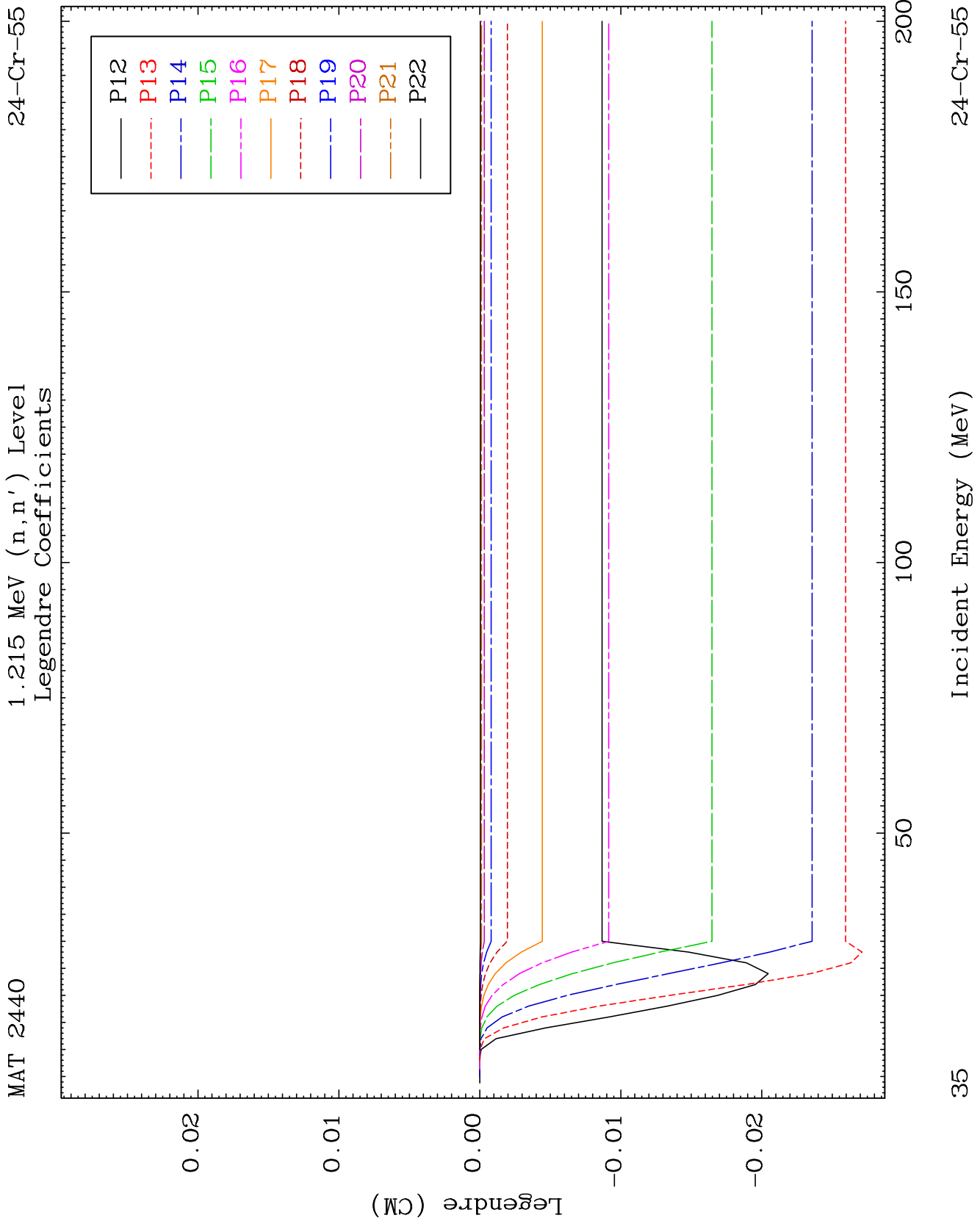
24-Cr-55

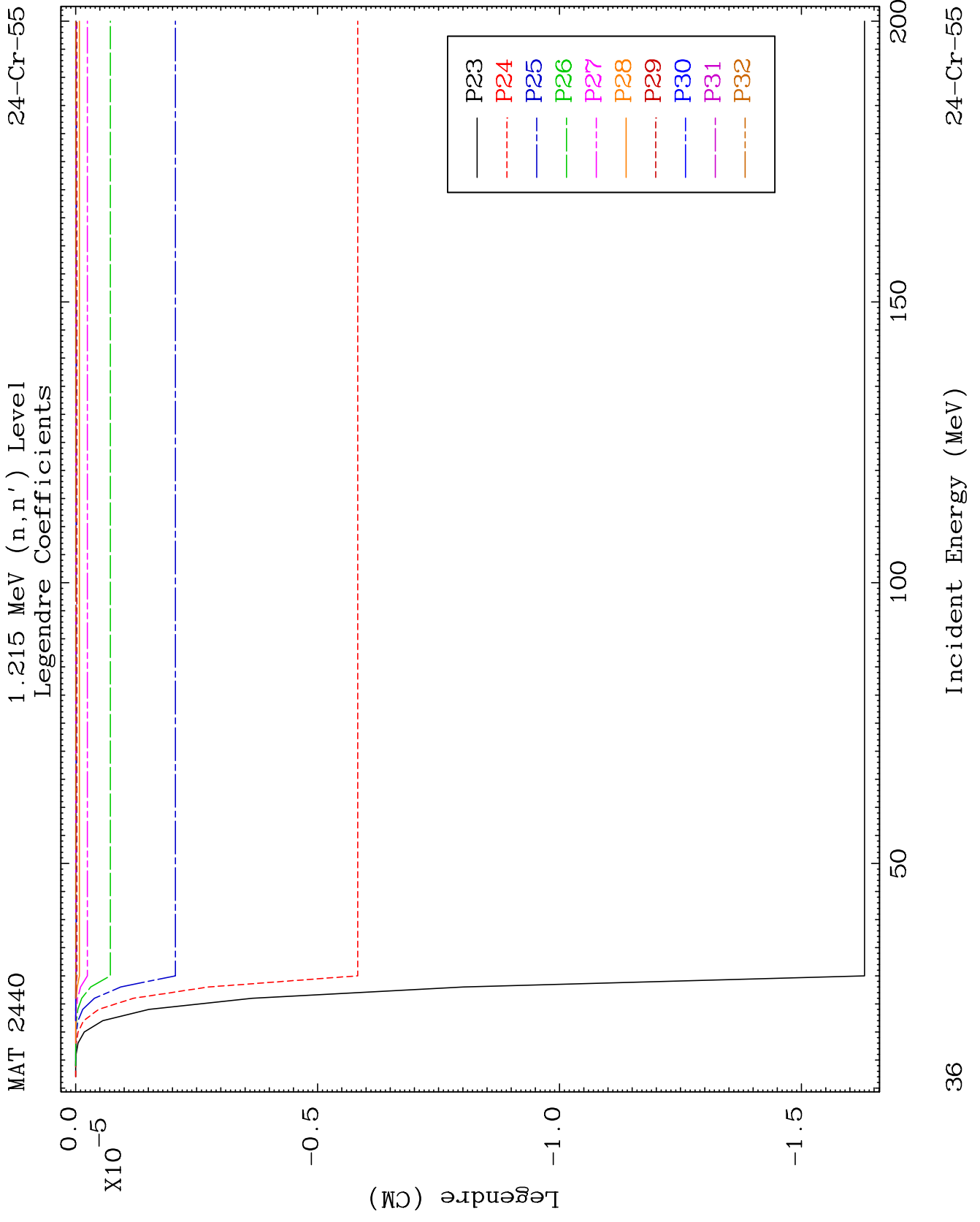


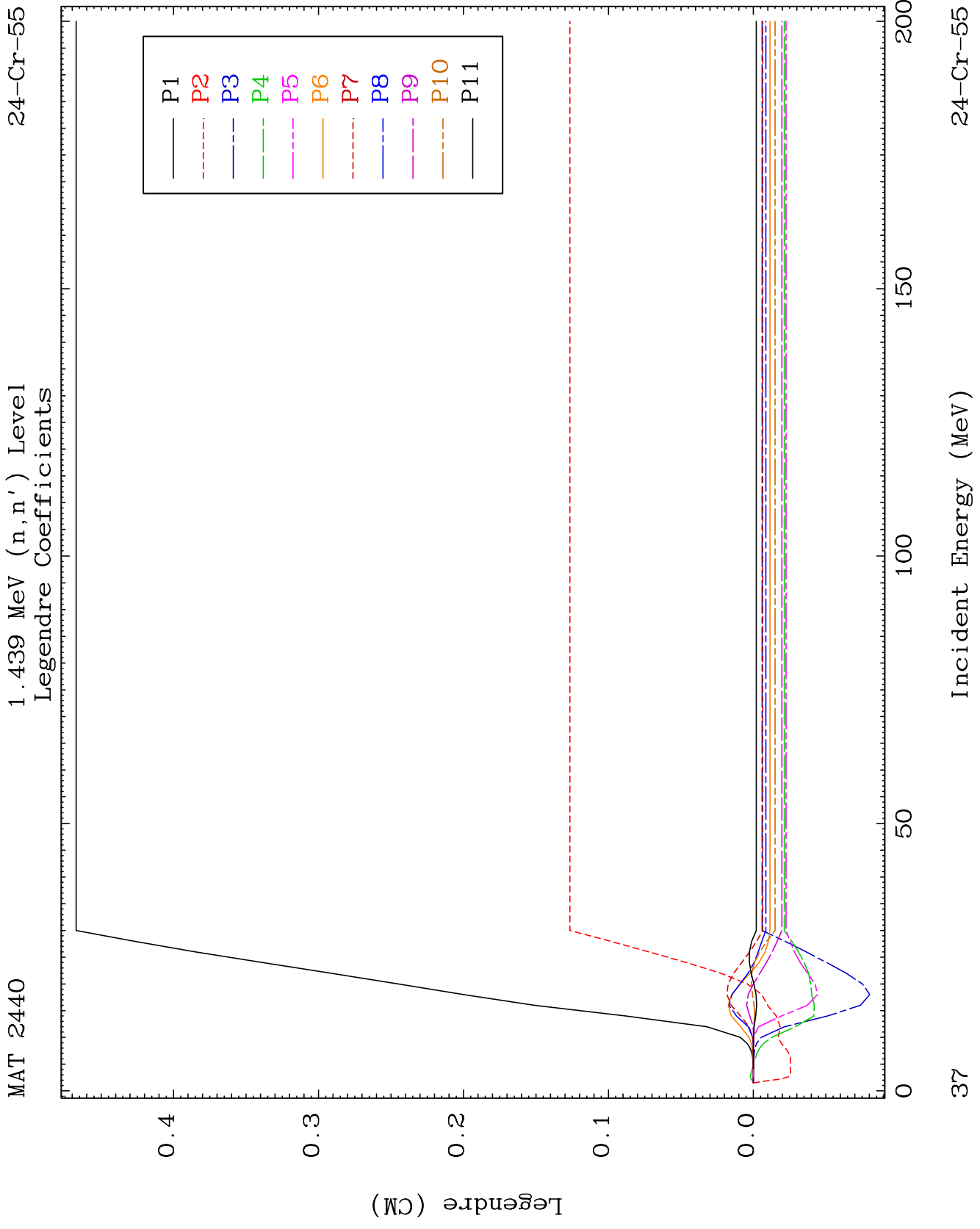
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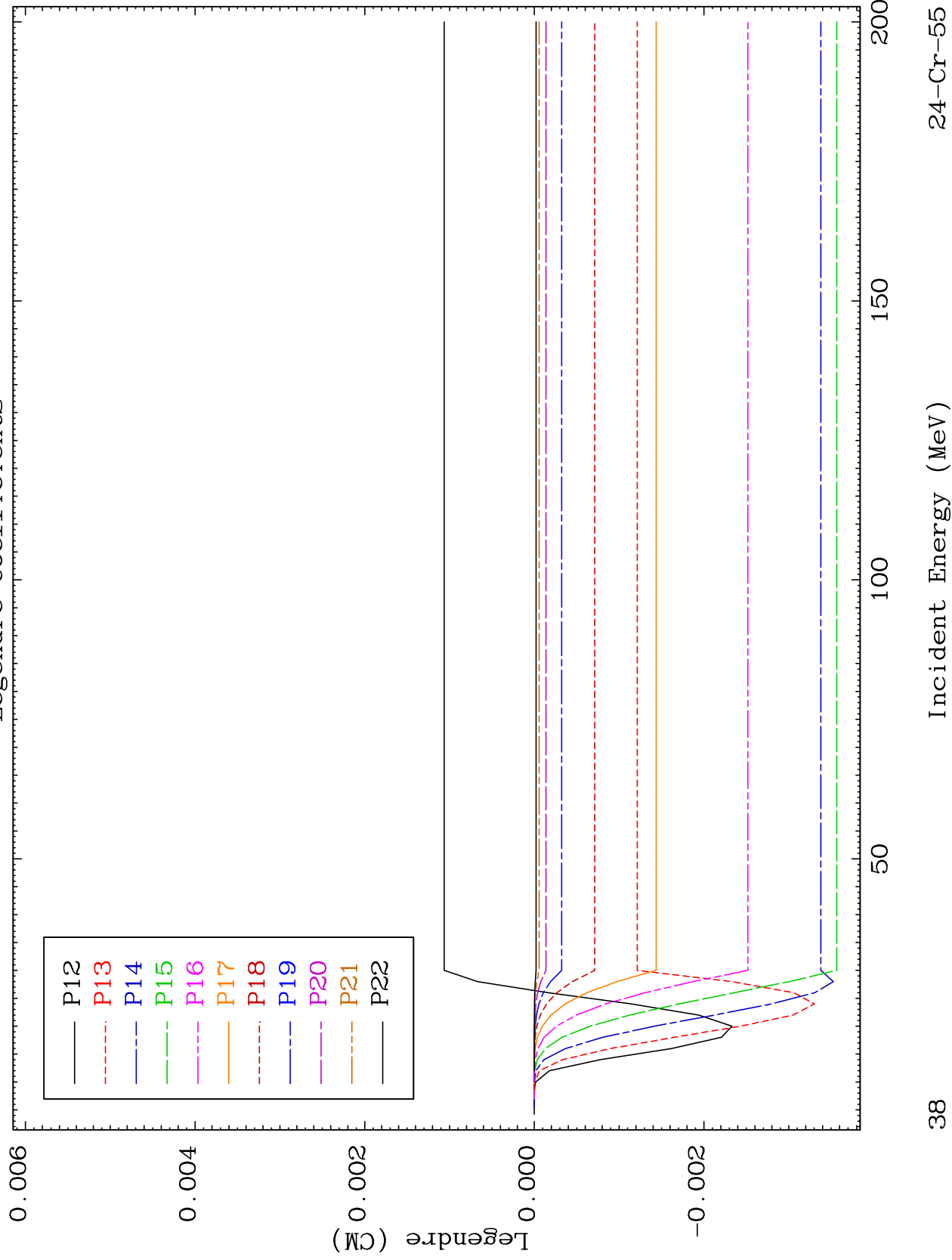
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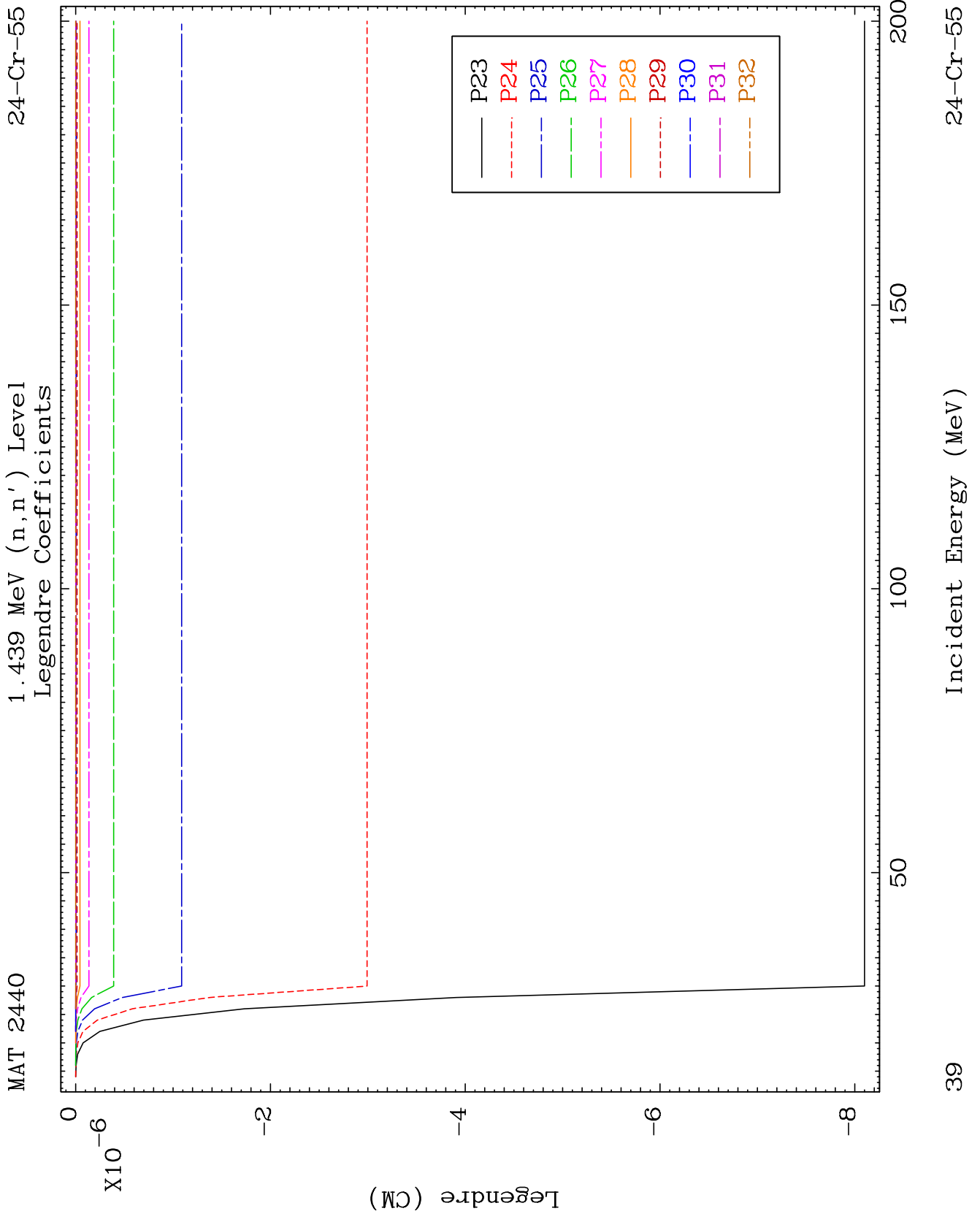


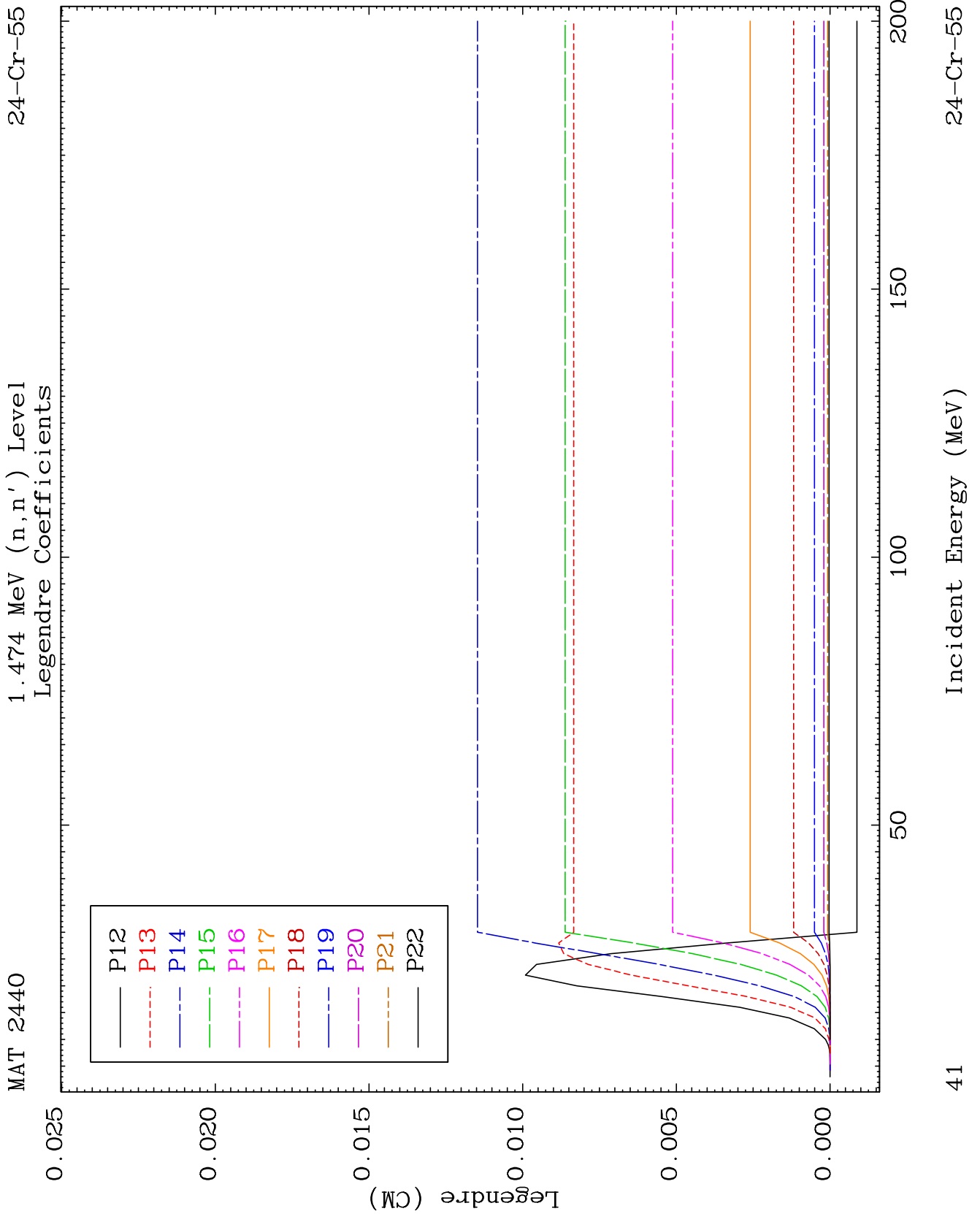


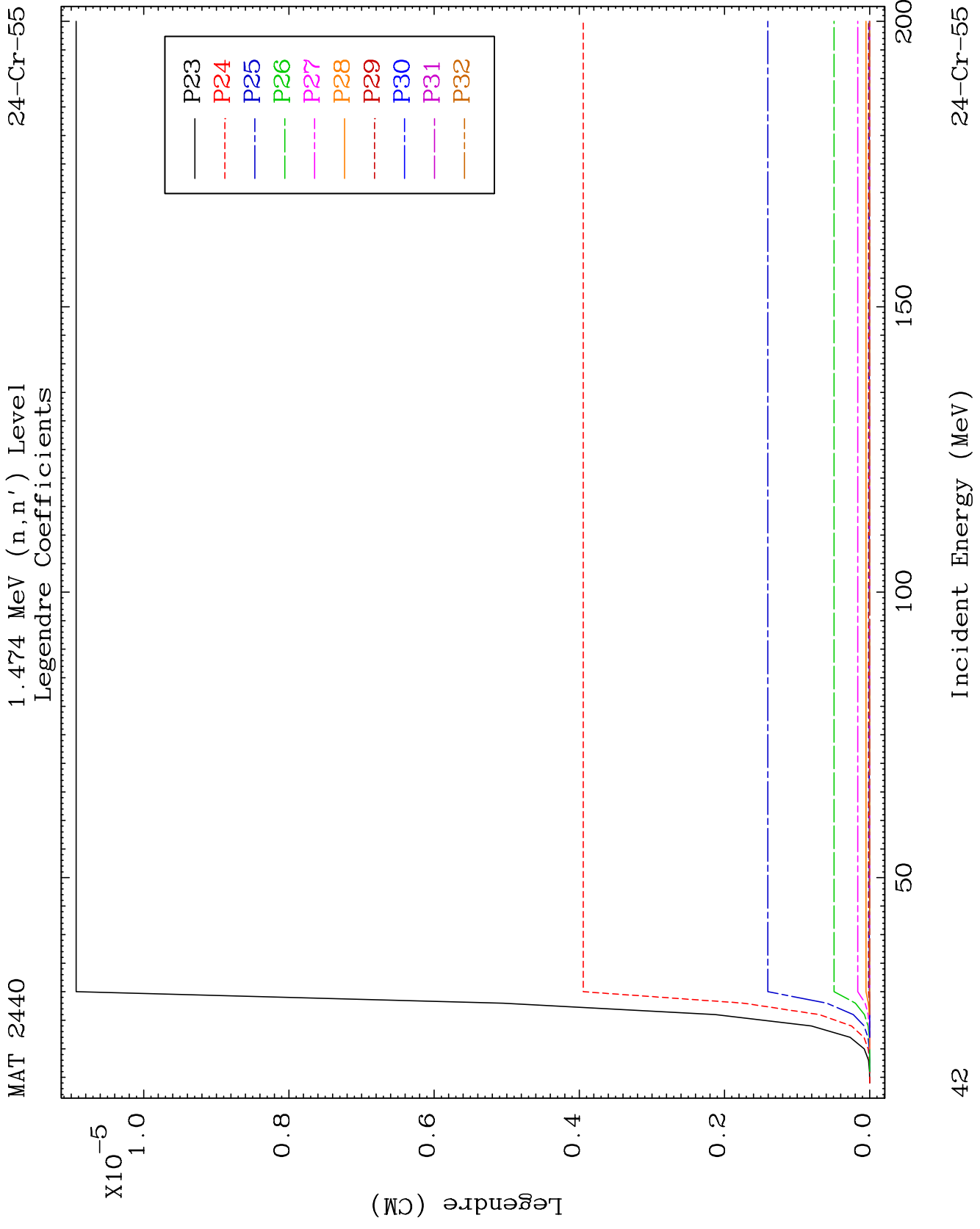


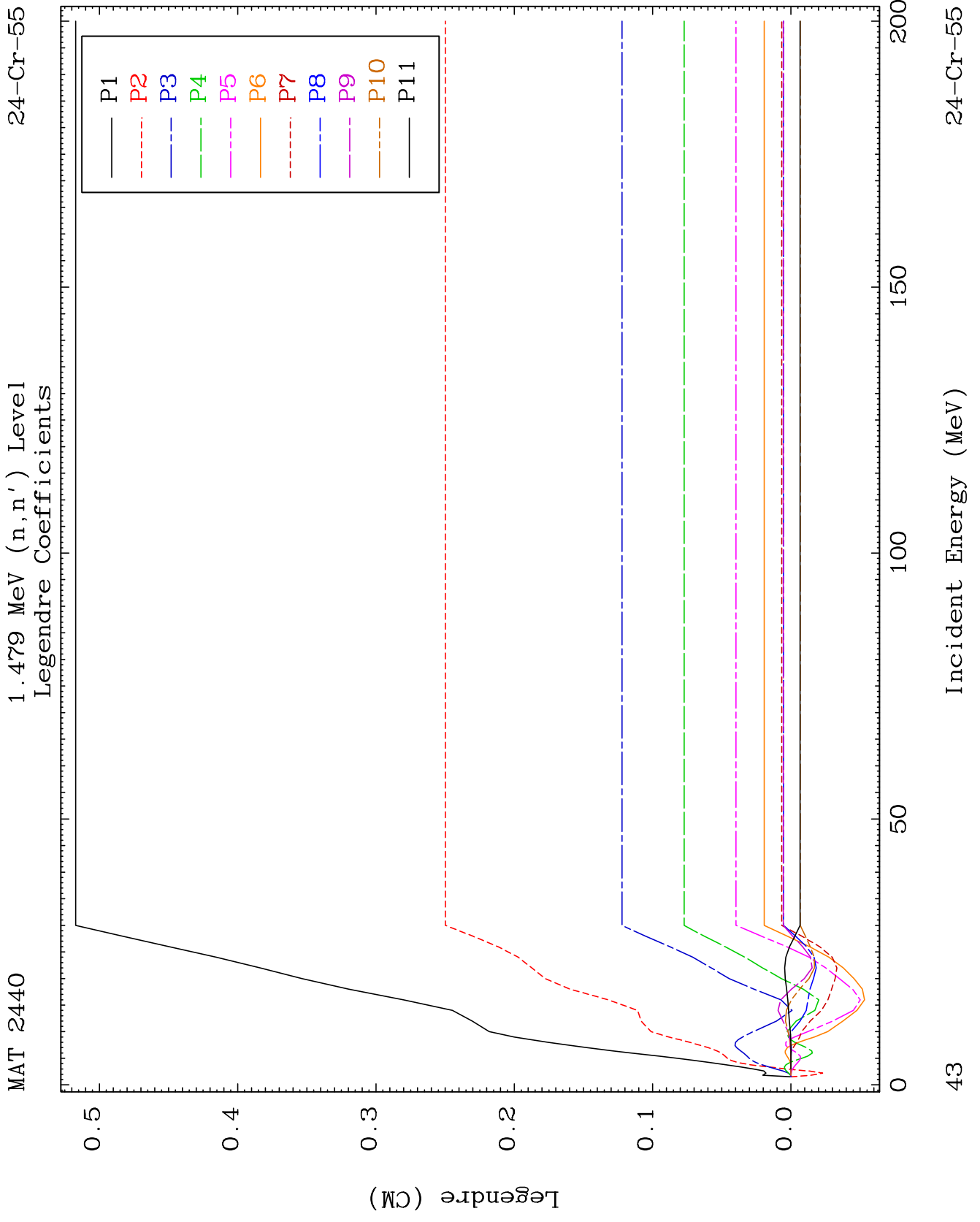


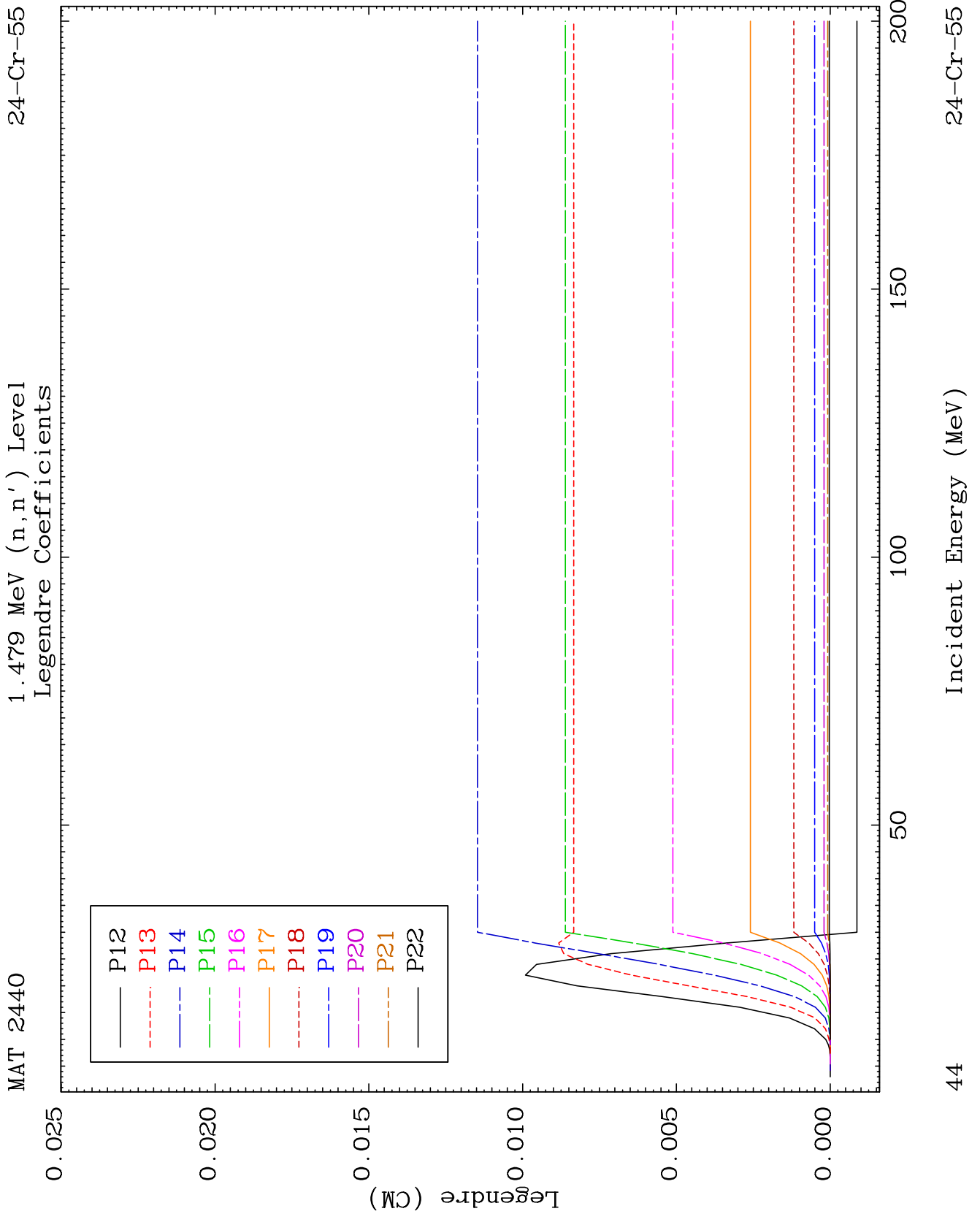


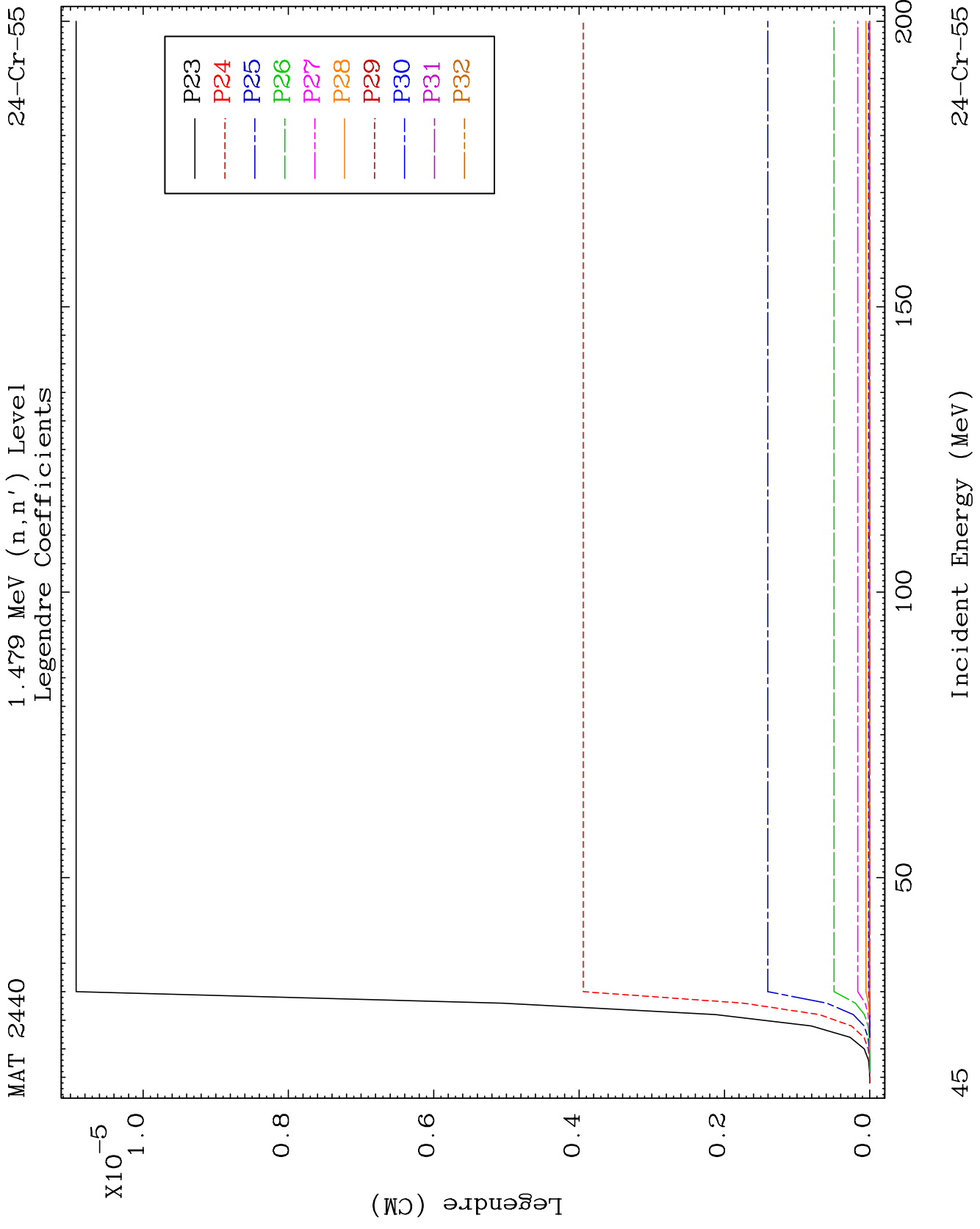


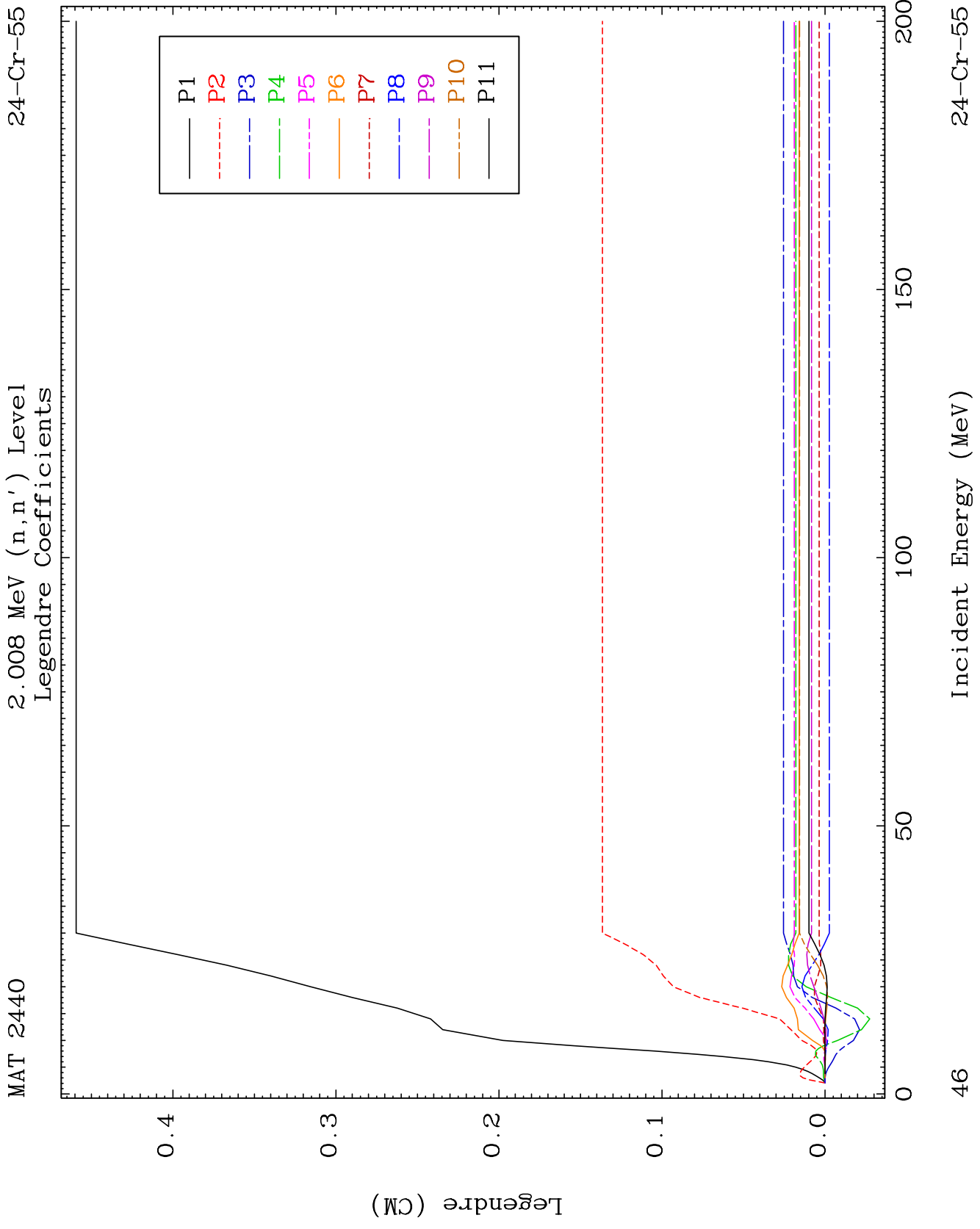








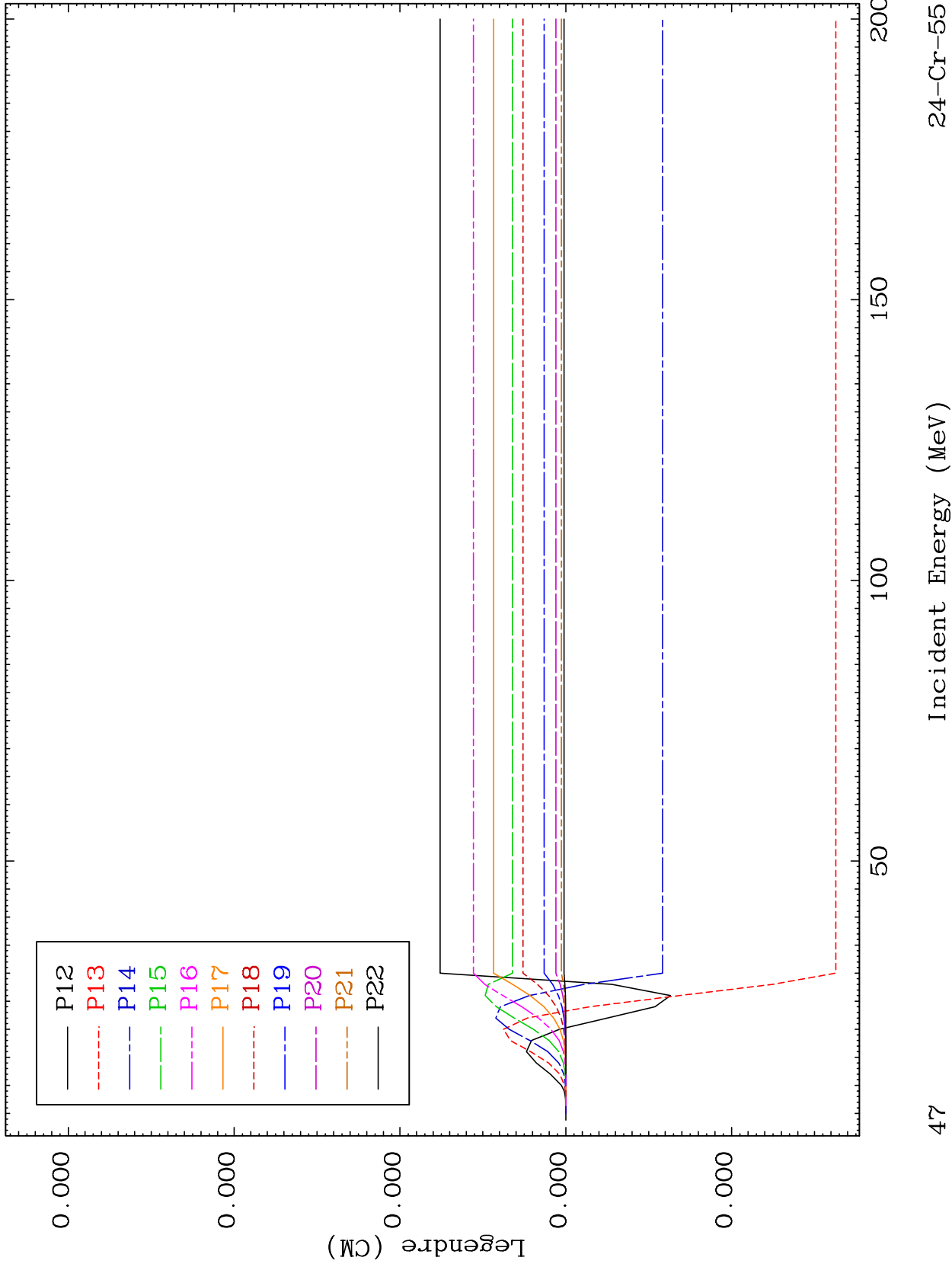




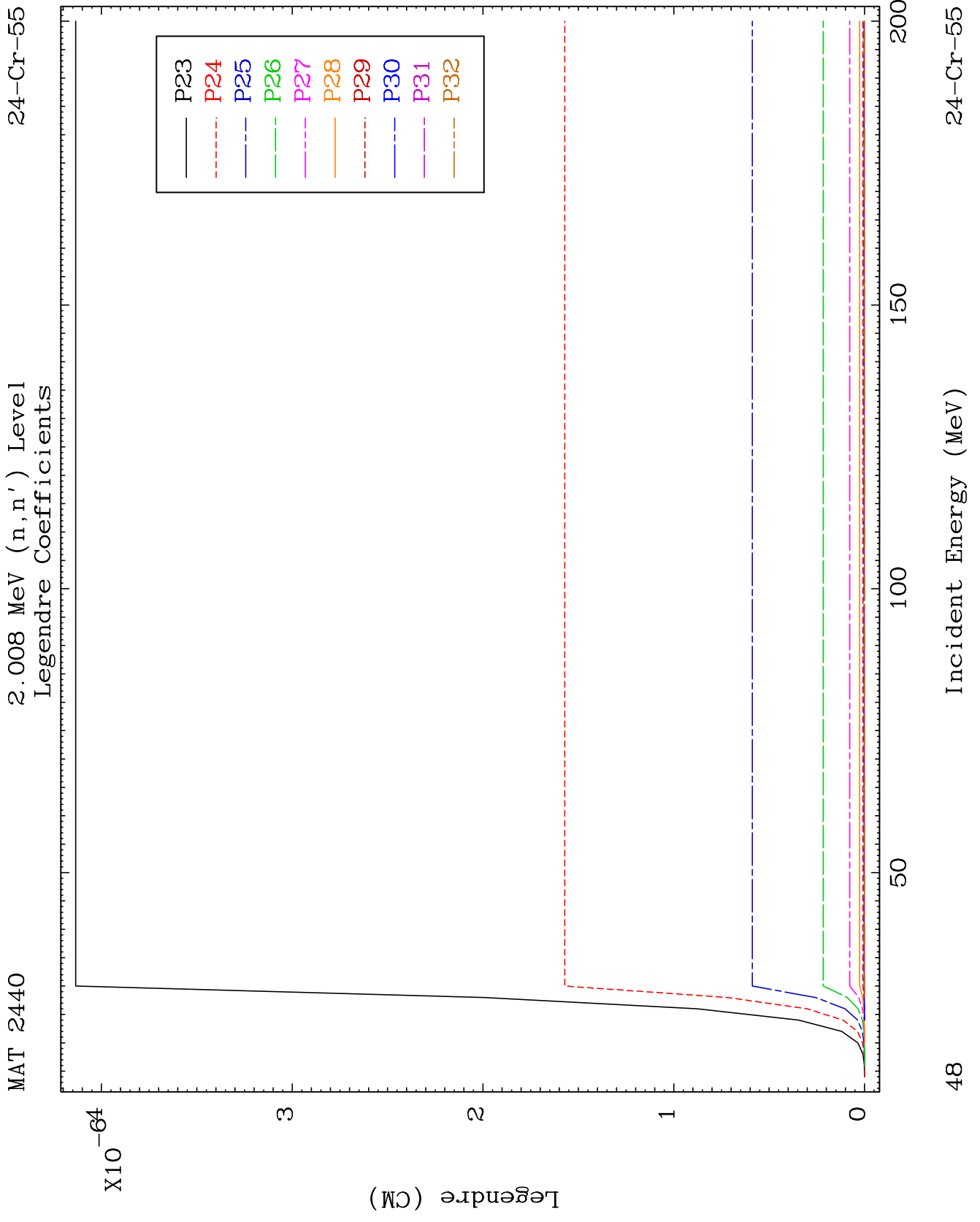
MAT 2440

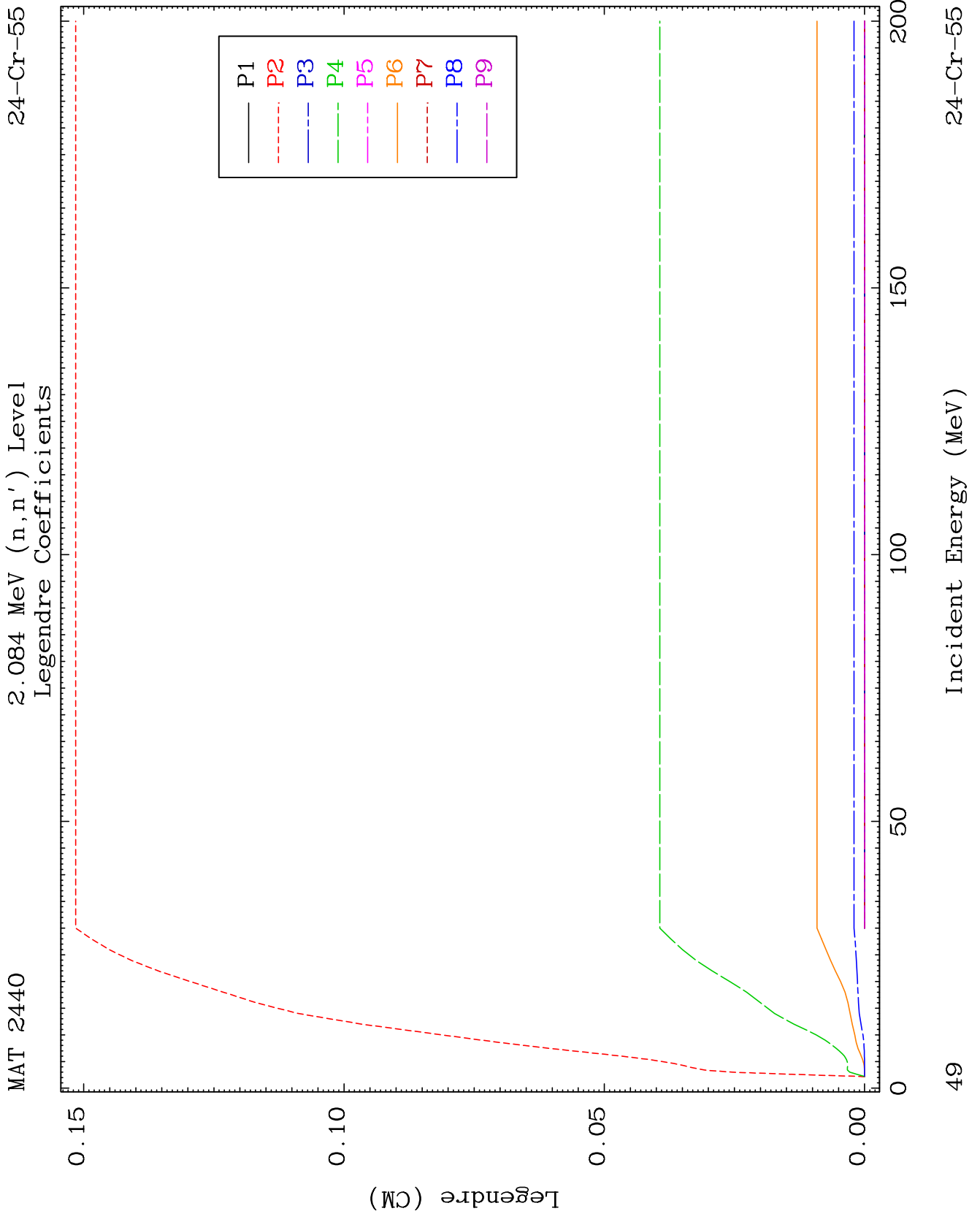
2.008 MeV (n,n') Level
Legendre Coefficients

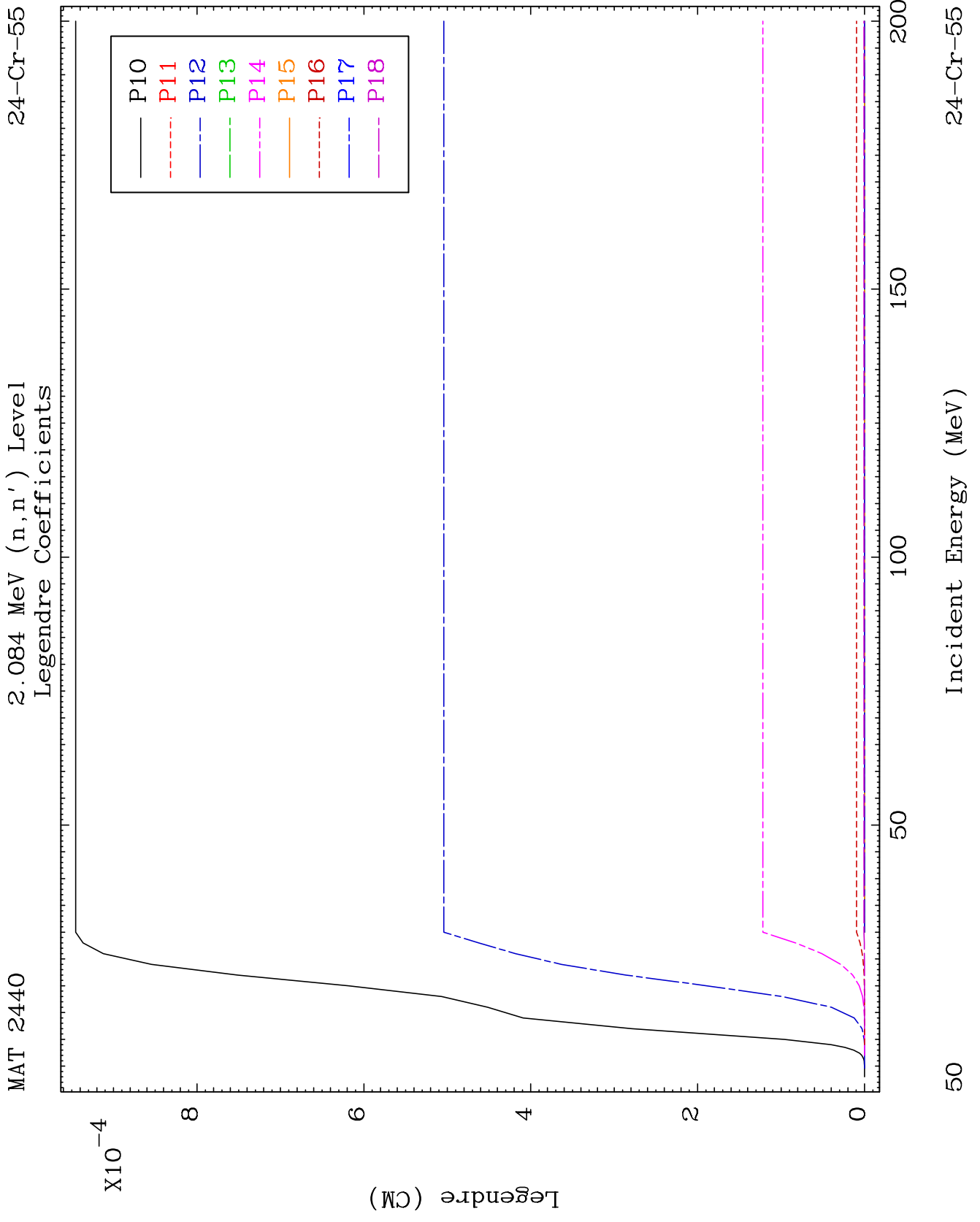
24-Cr-55

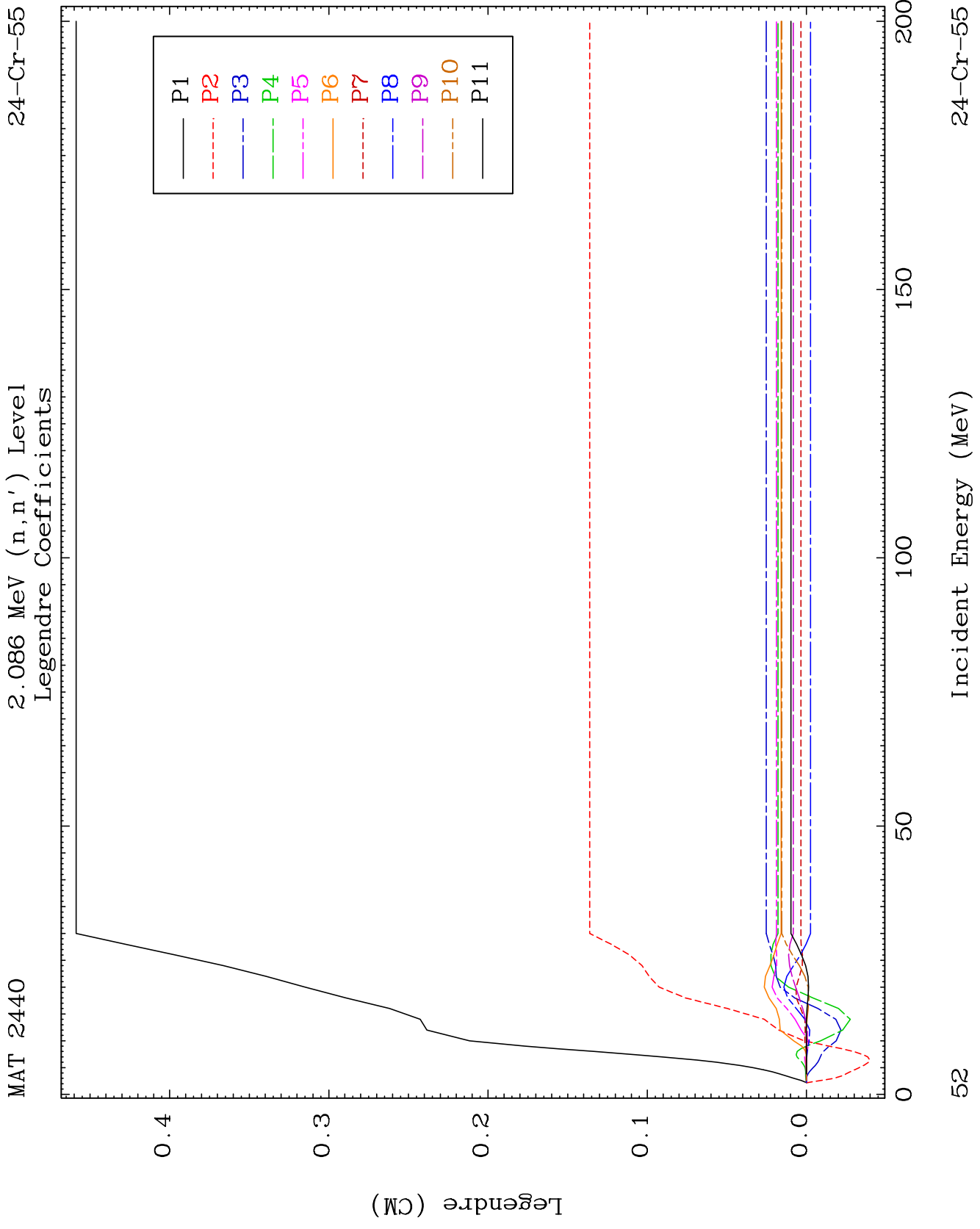


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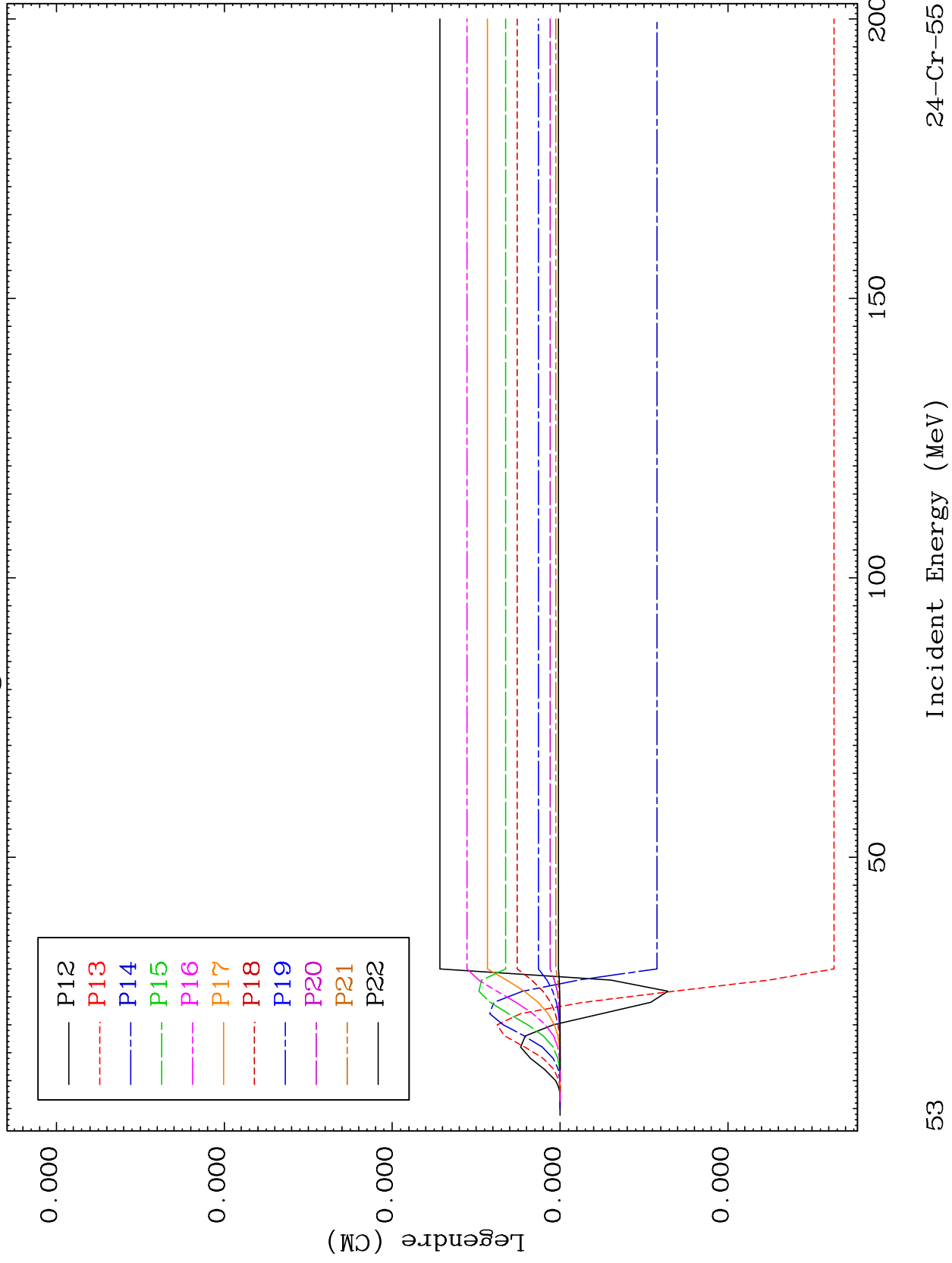


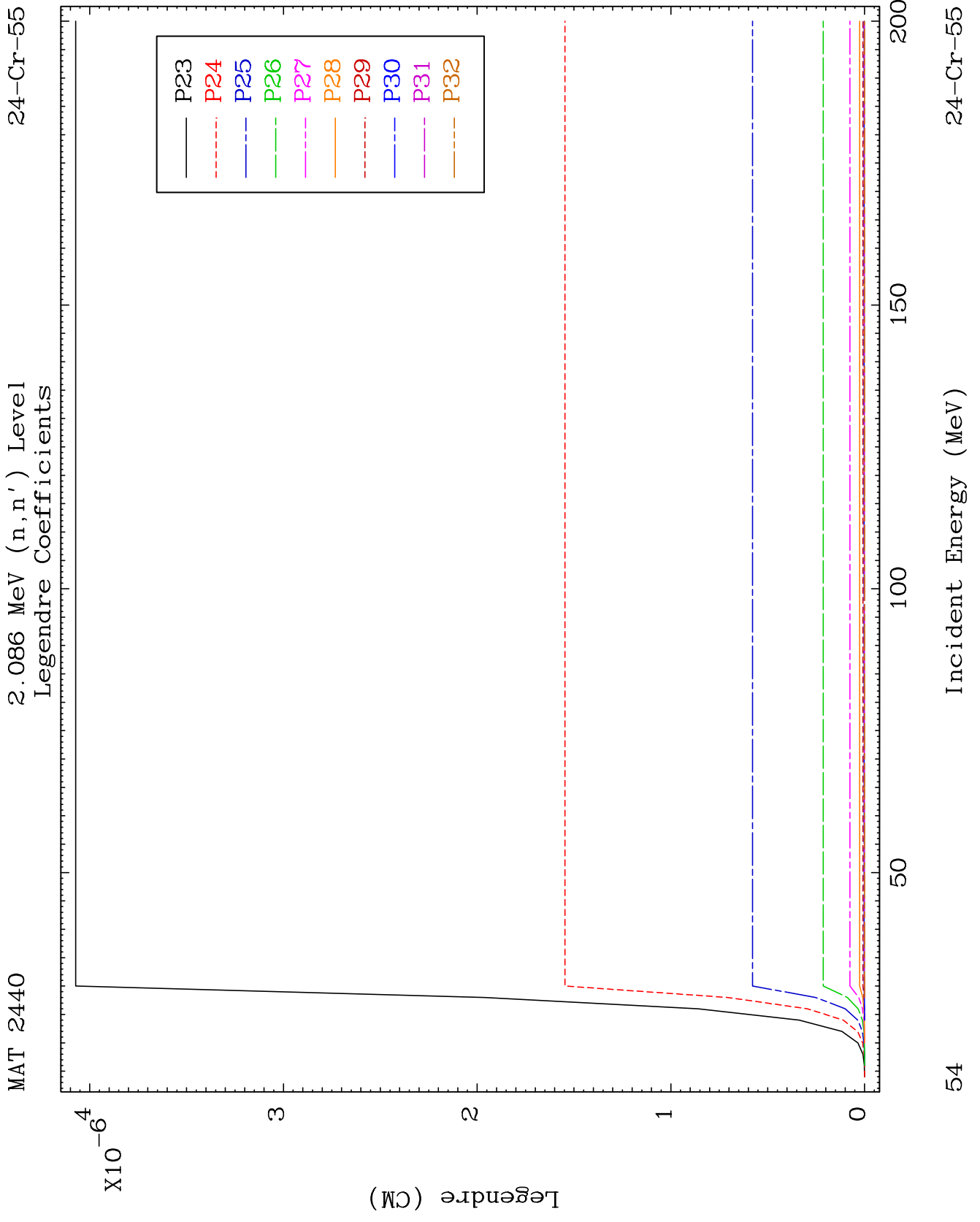


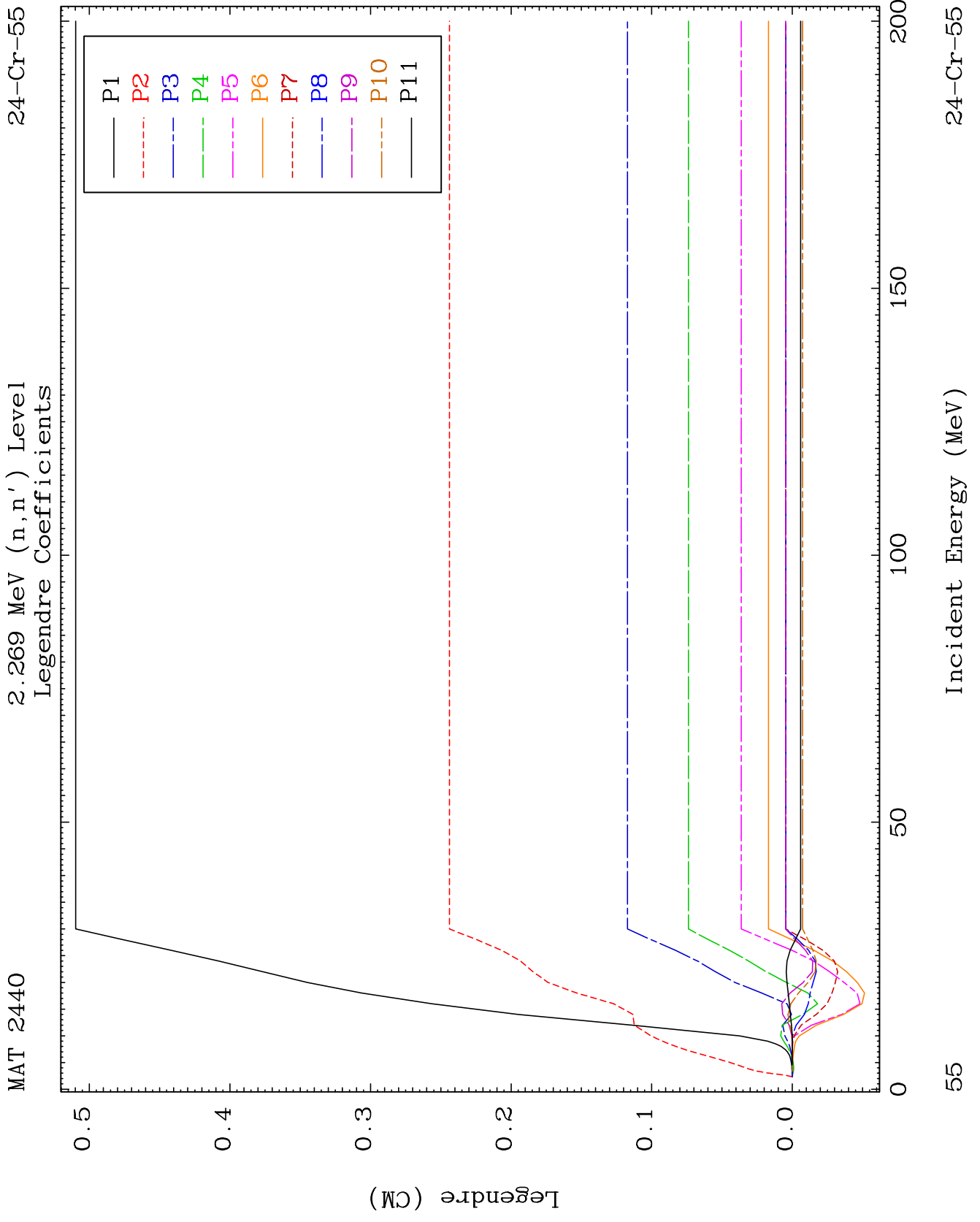
MAT 2440

2.086 MeV (n,n') Level
Legendre Coefficients

24-Cr-55



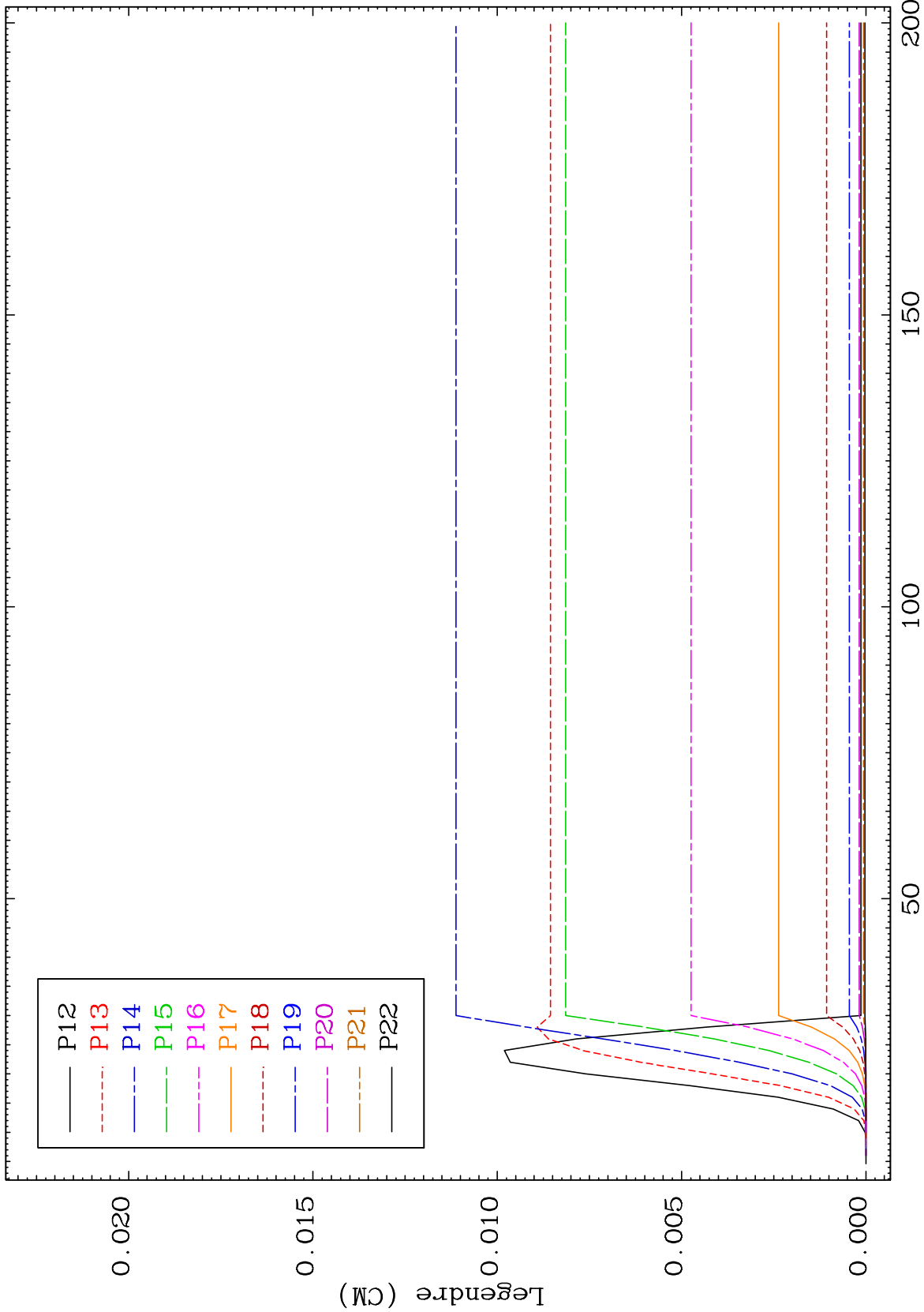




MAT 2440

2.269 MeV (n,n') Level
Legendre Coefficients

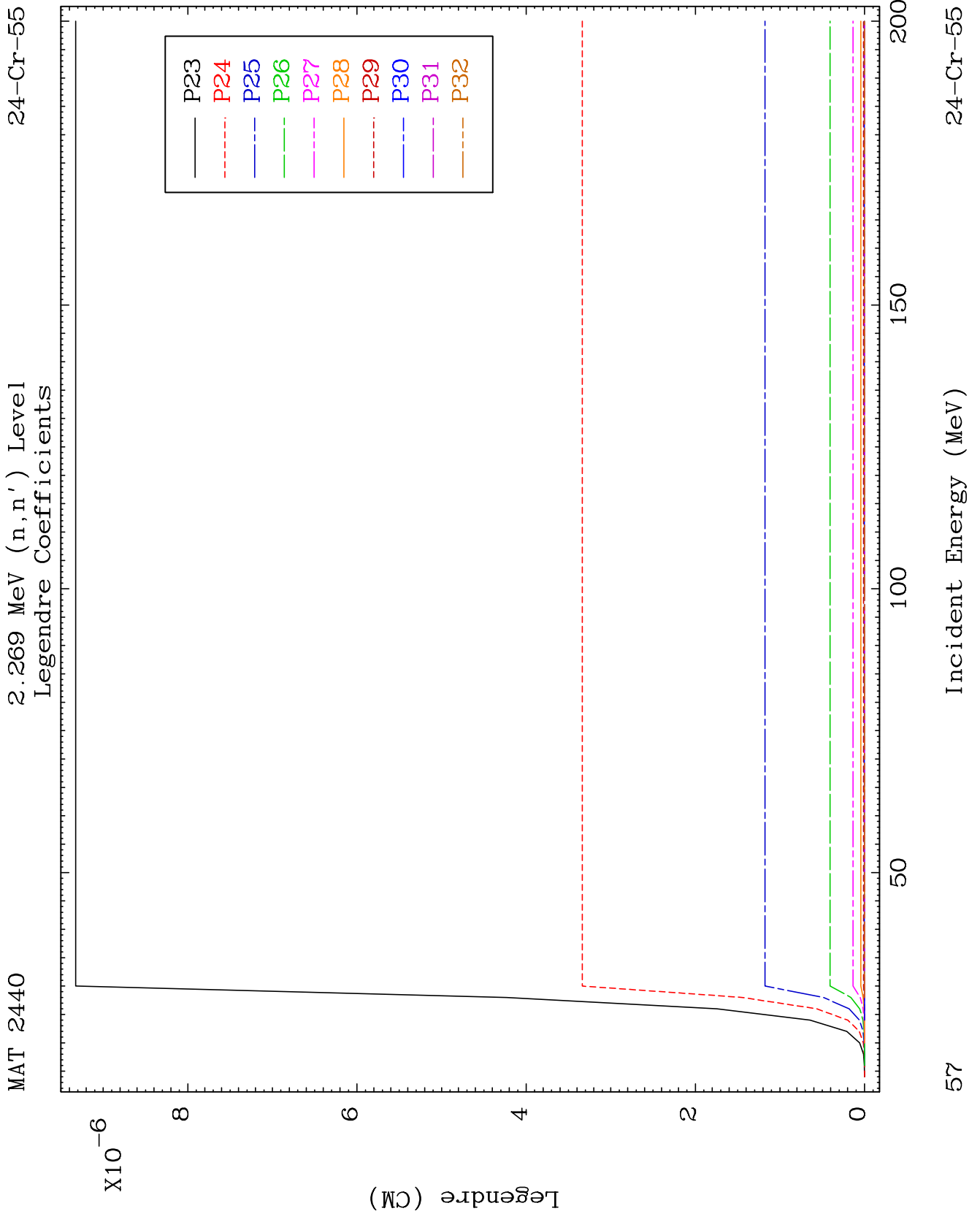
24-Cr-55

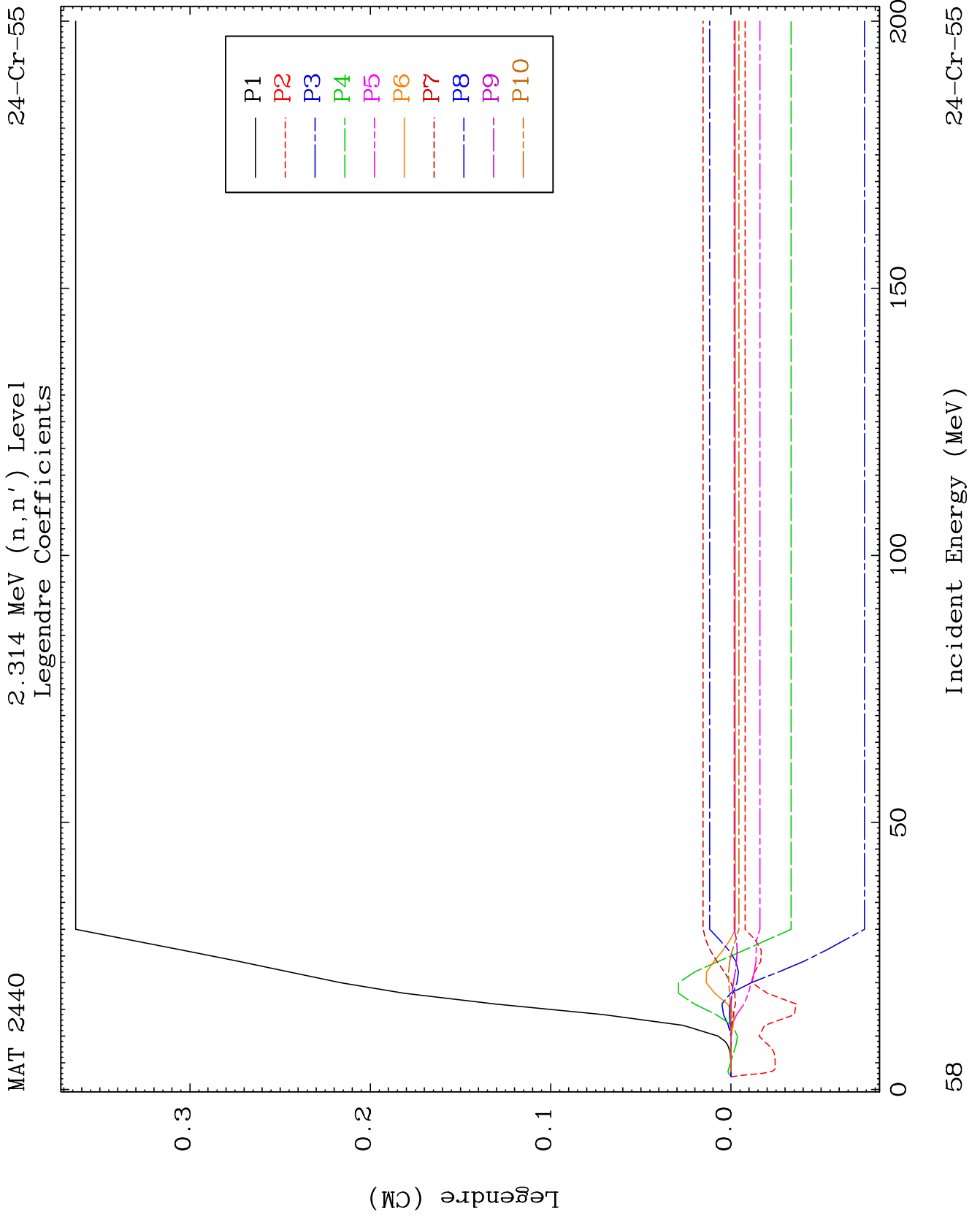


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Incident Energy (MeV)

24-Cr-55

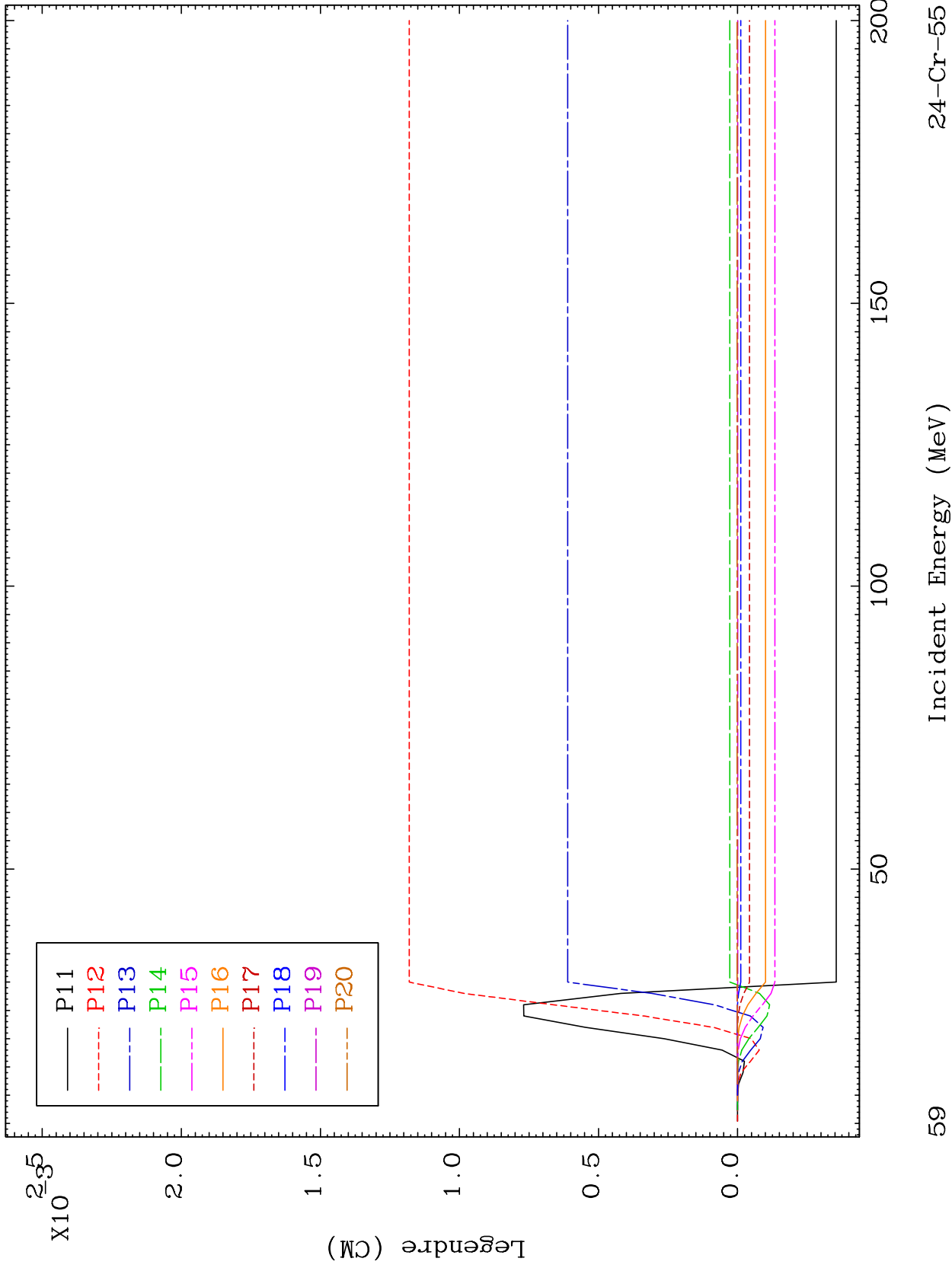




MAT 2440

2.314 MeV (n,n') Level
Legendre Coefficients

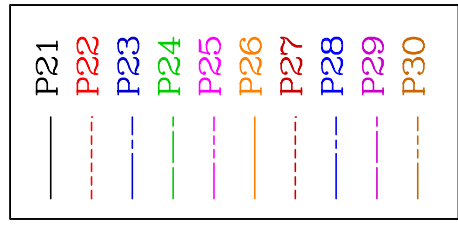
24-Cr-55



MAT 2440

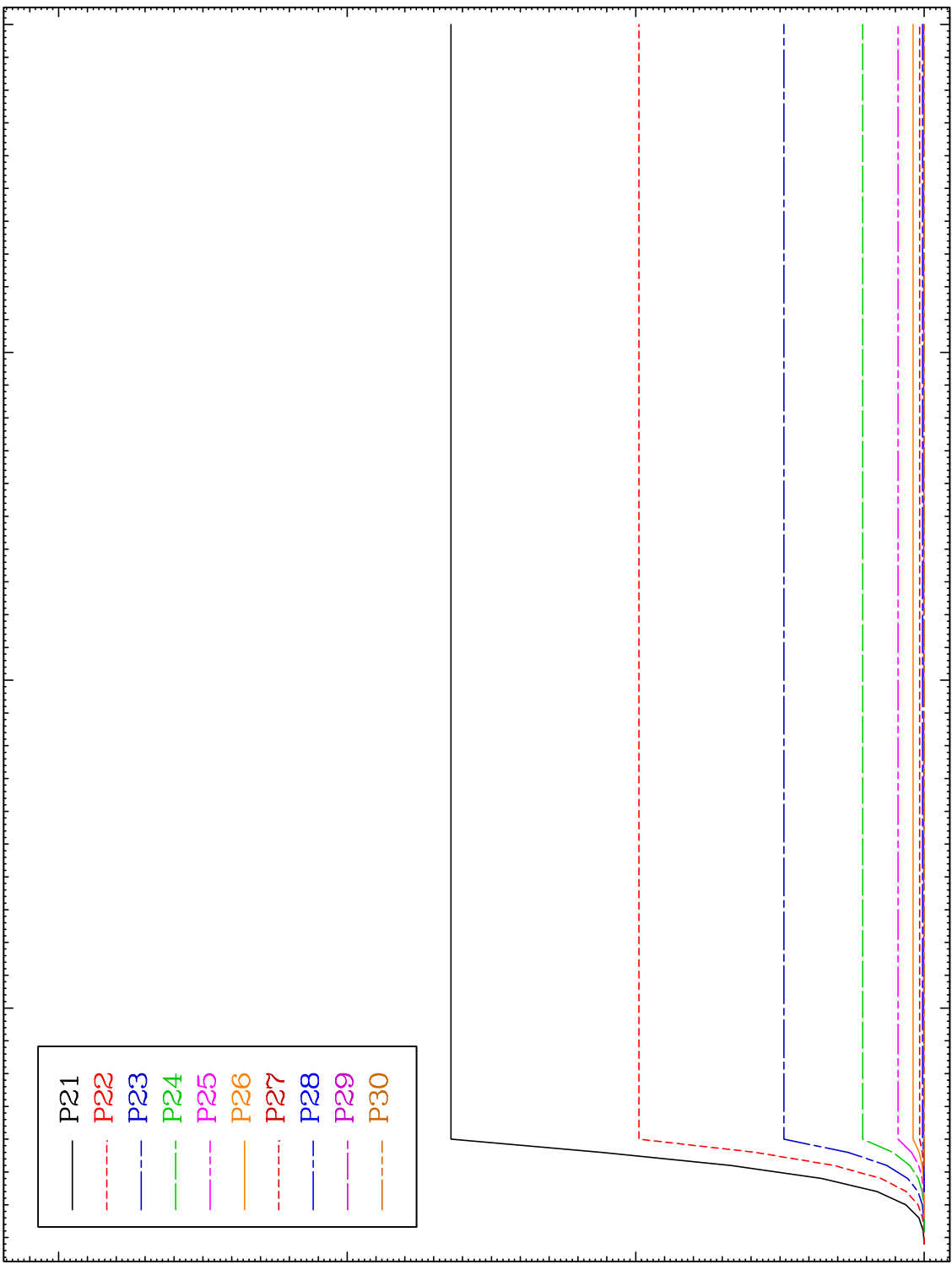
2.314 MeV (n,n') Level
Legendre Coefficients

24-Cr-55



$\times 10^{-63}$

Legendre (CM)



200

150

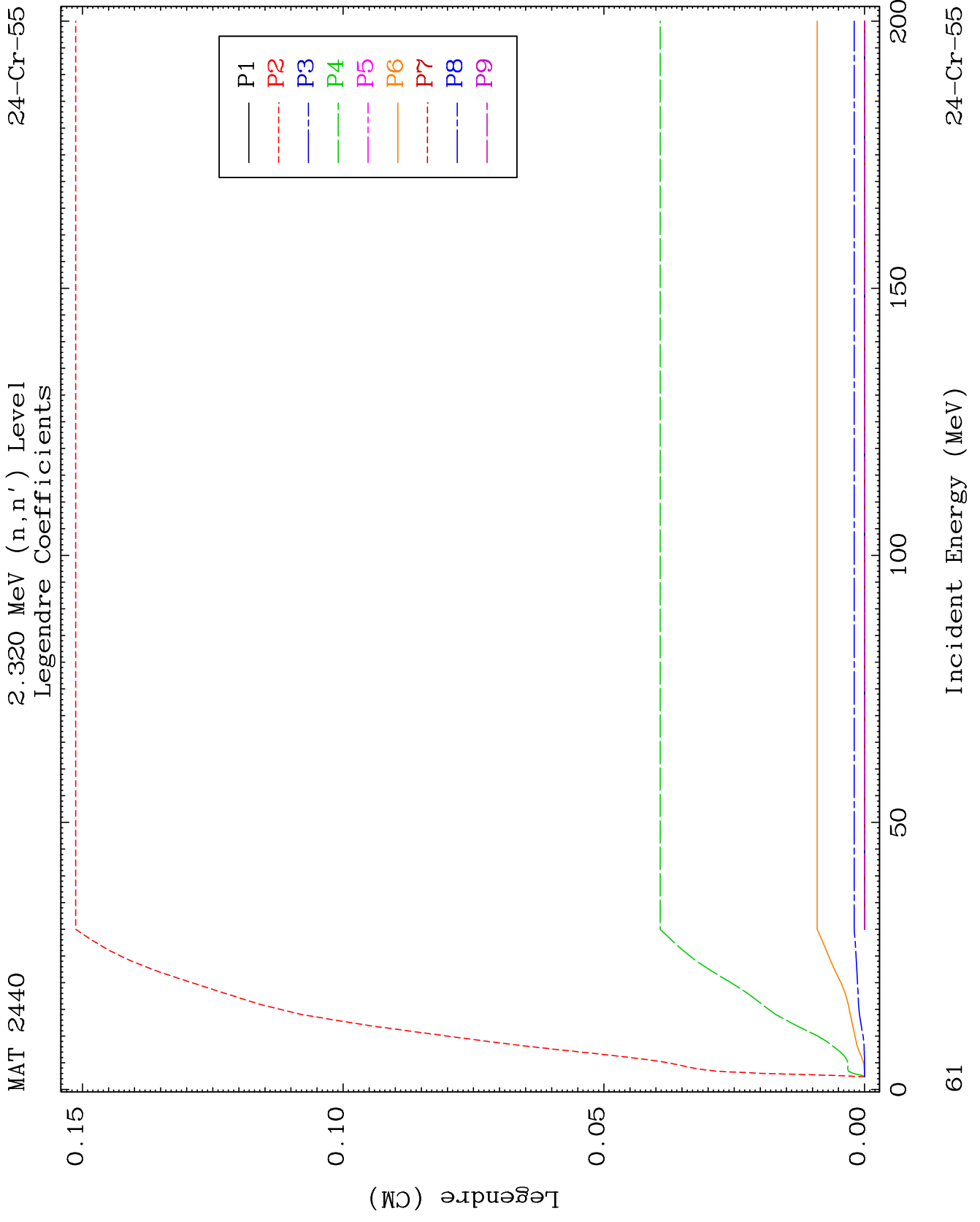
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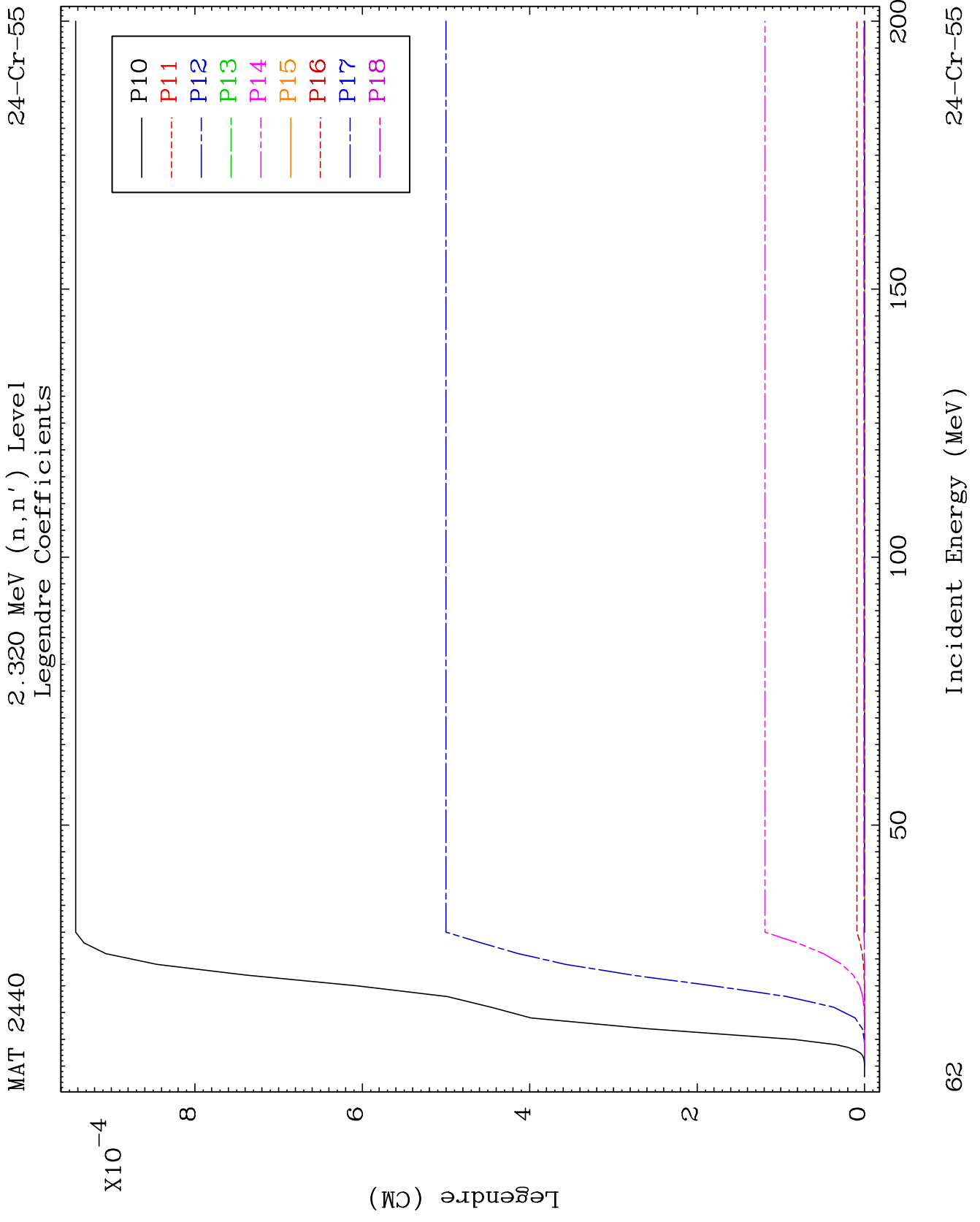
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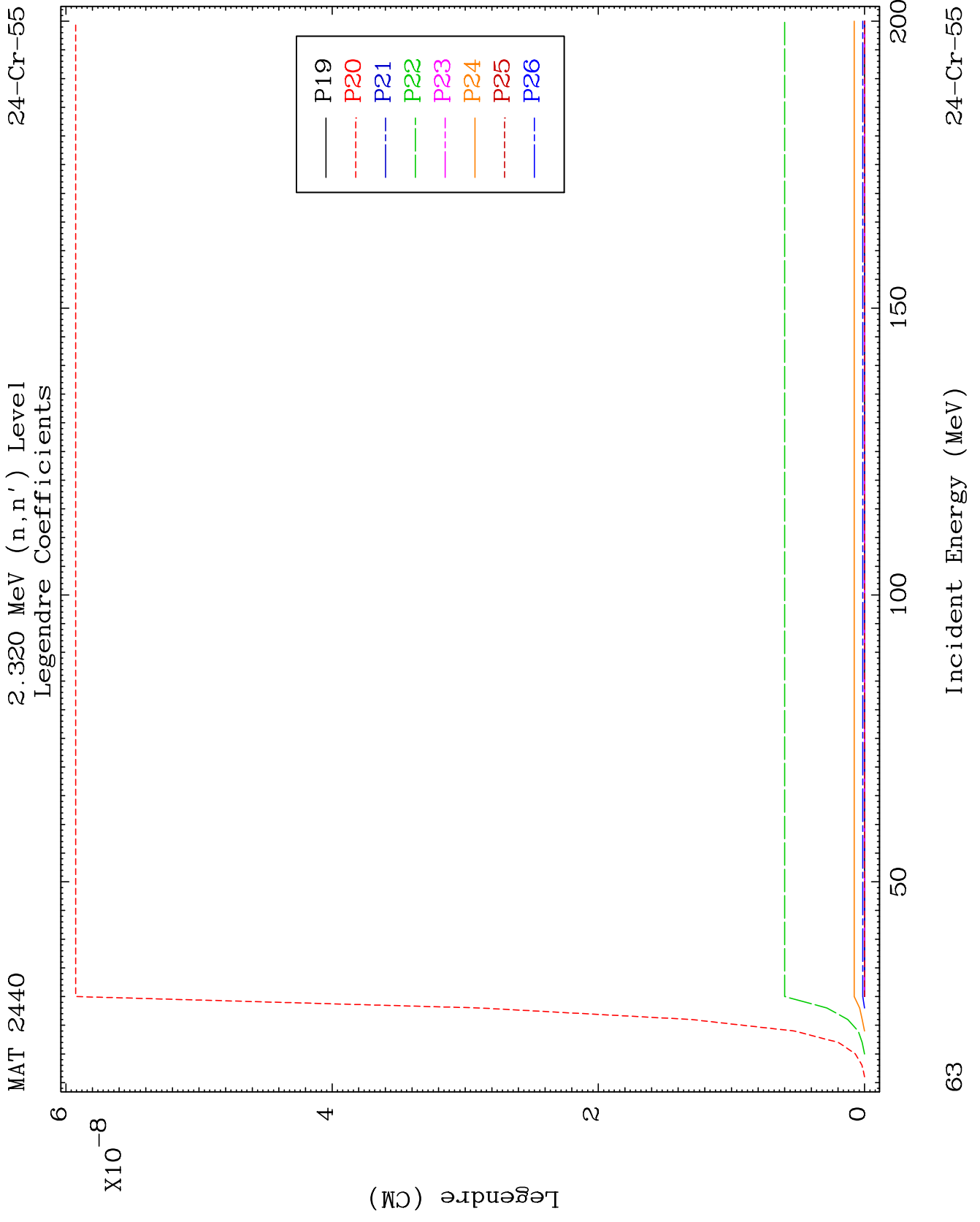
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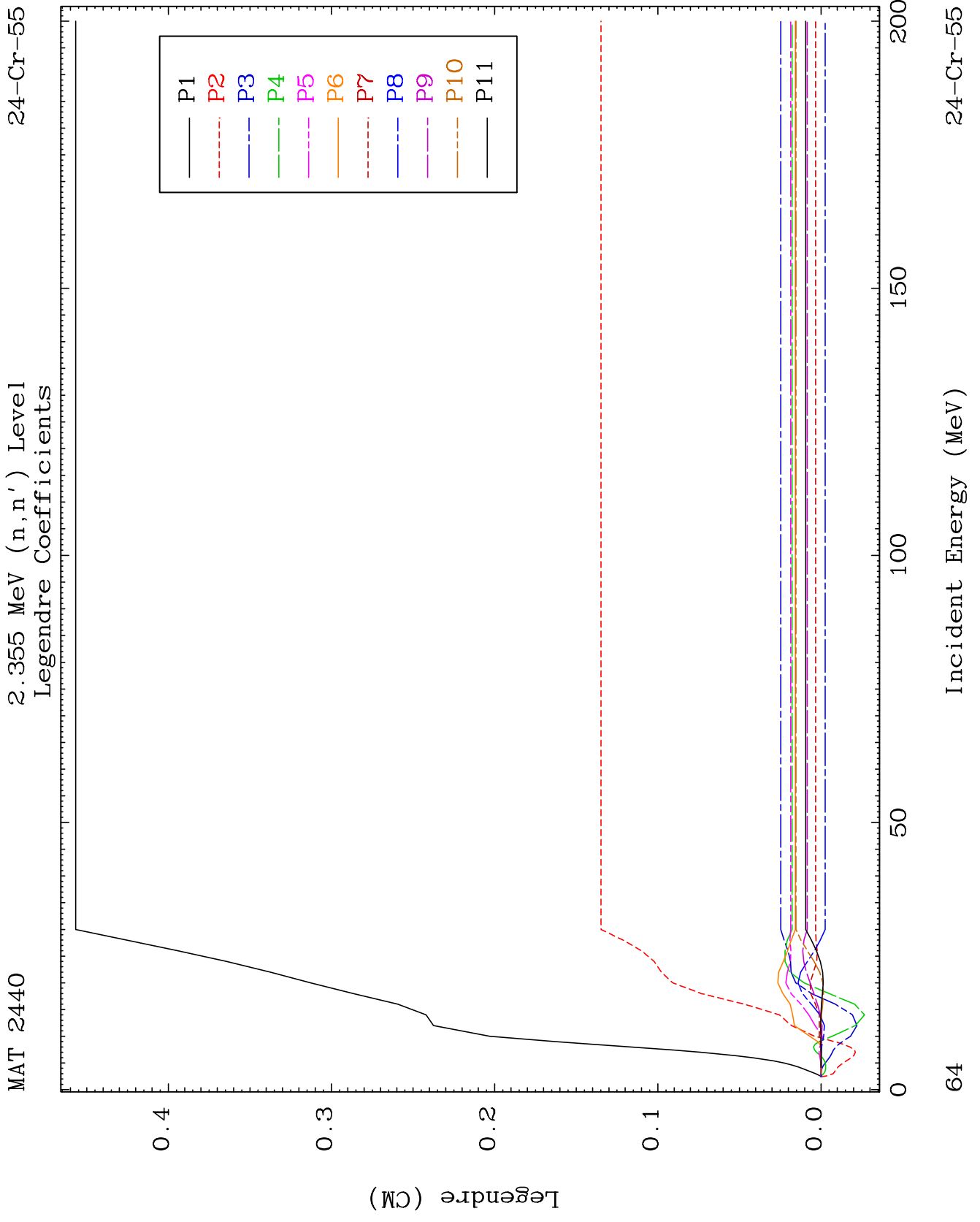
Incident Energy (MeV)

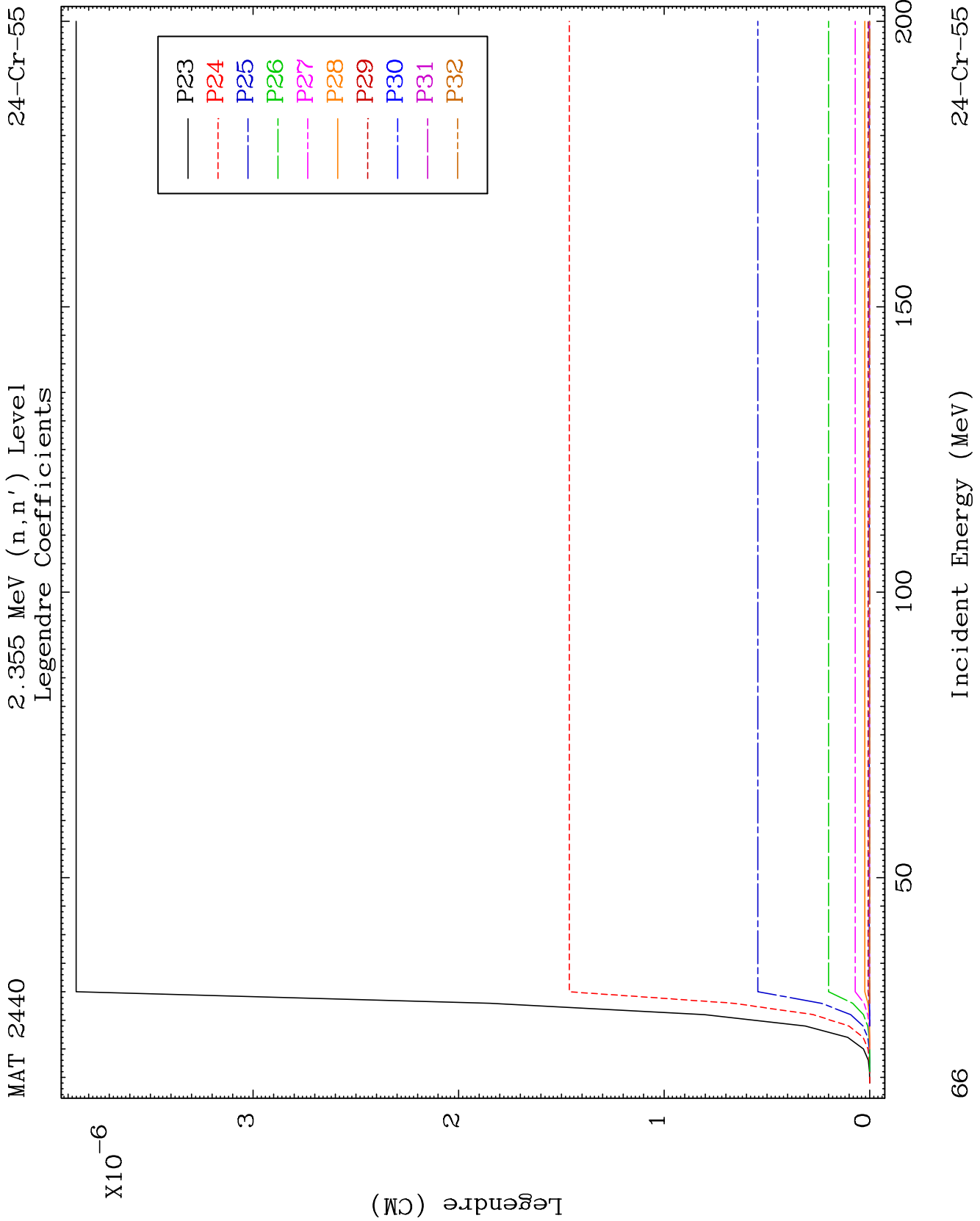
24-Cr-55

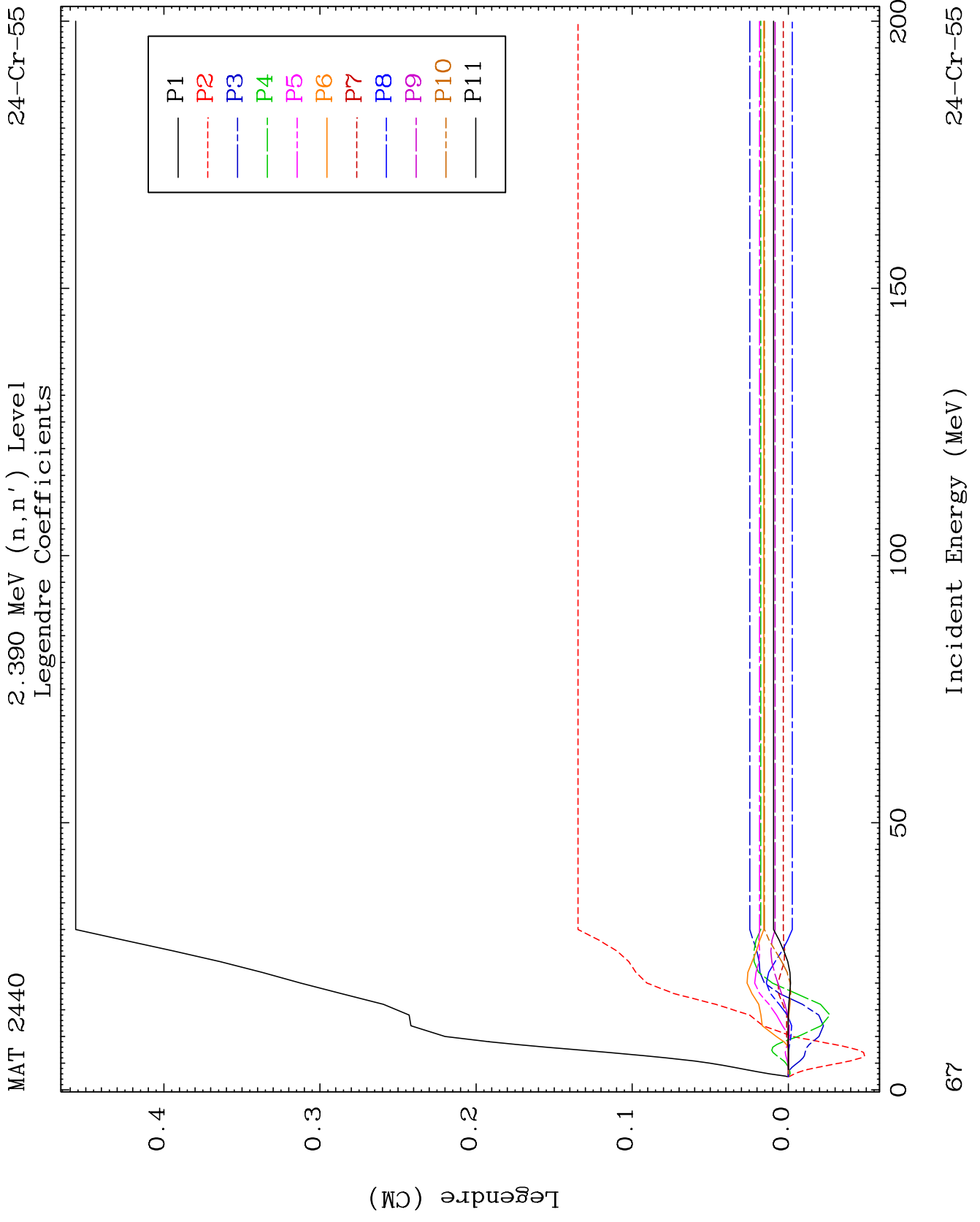


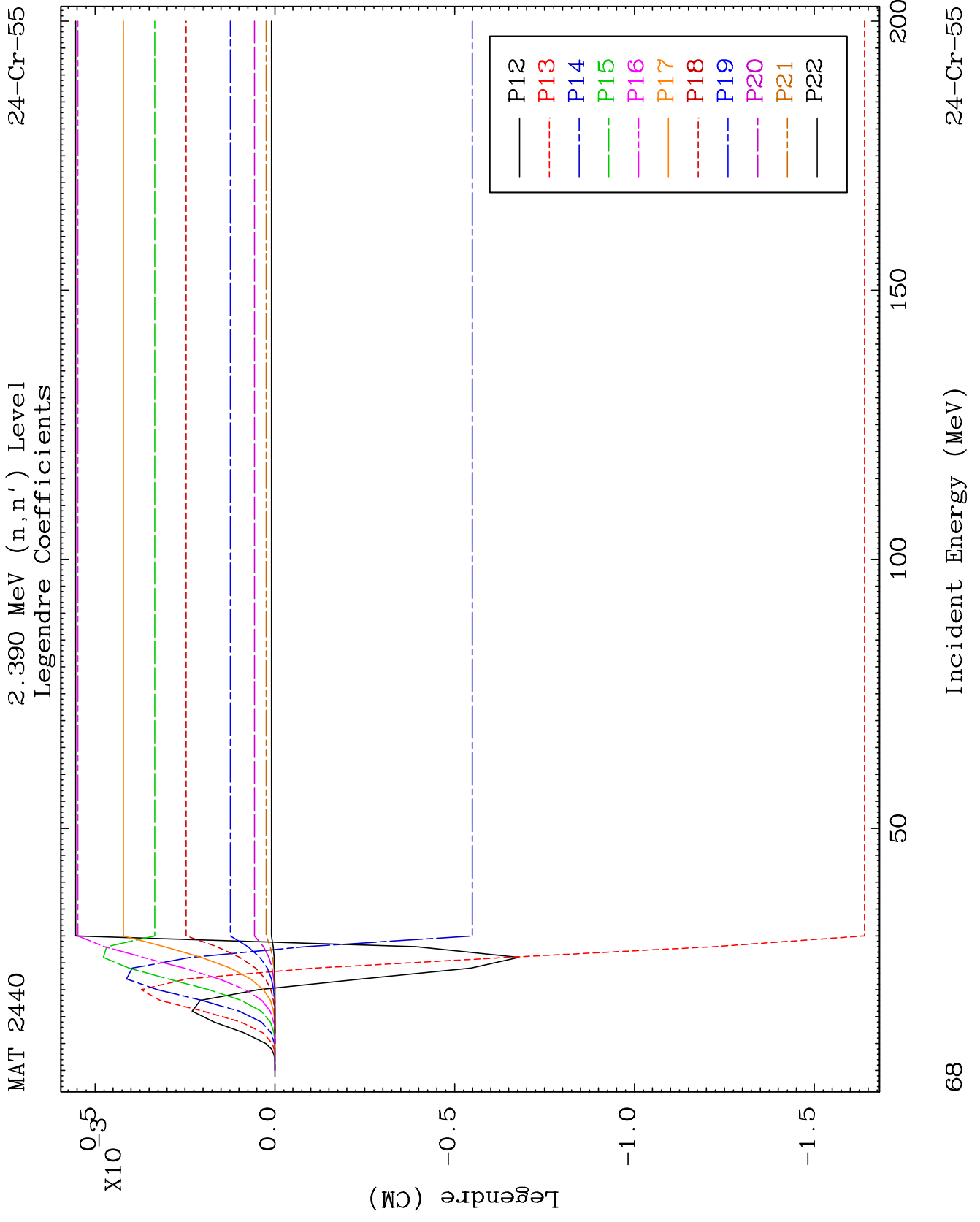


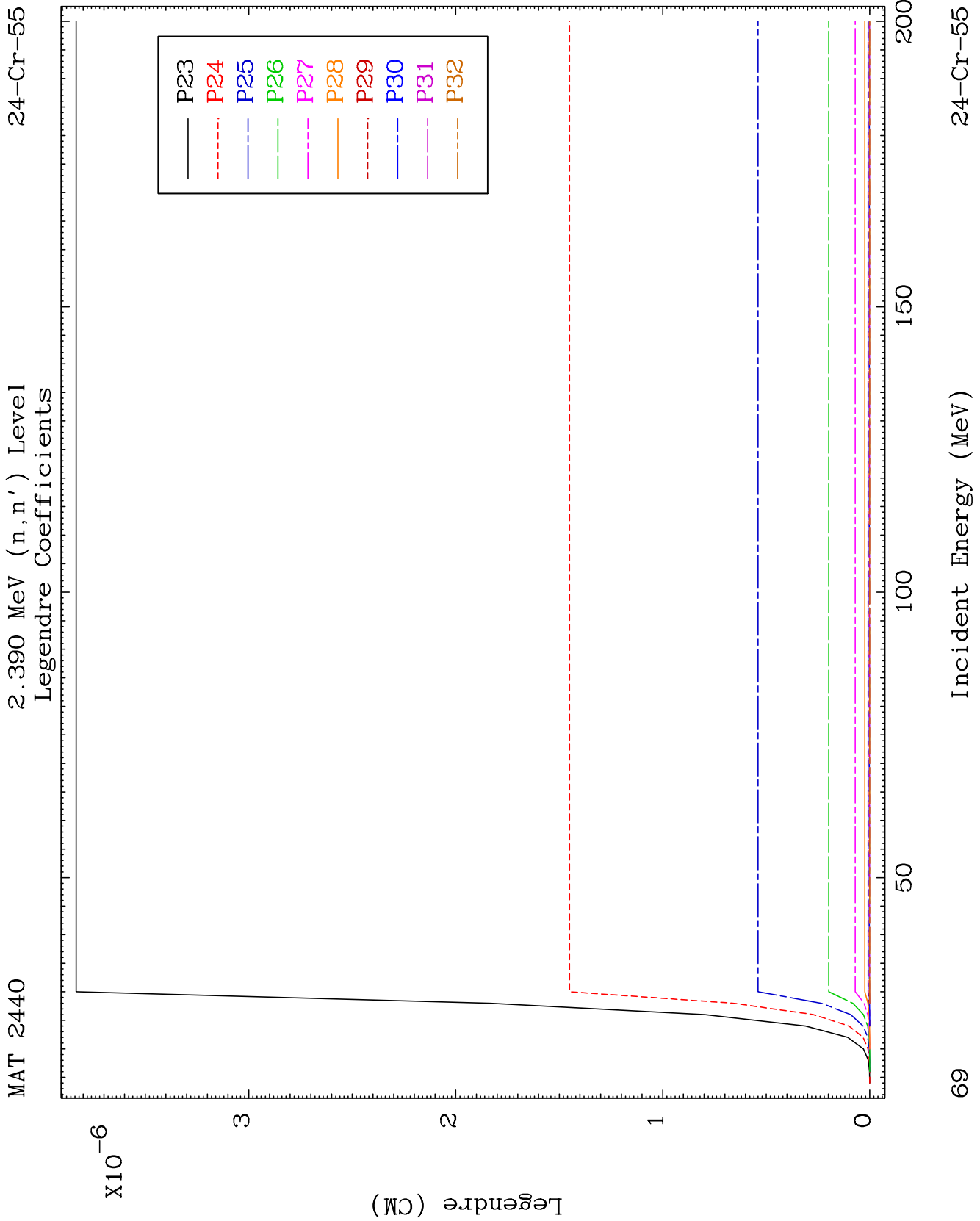


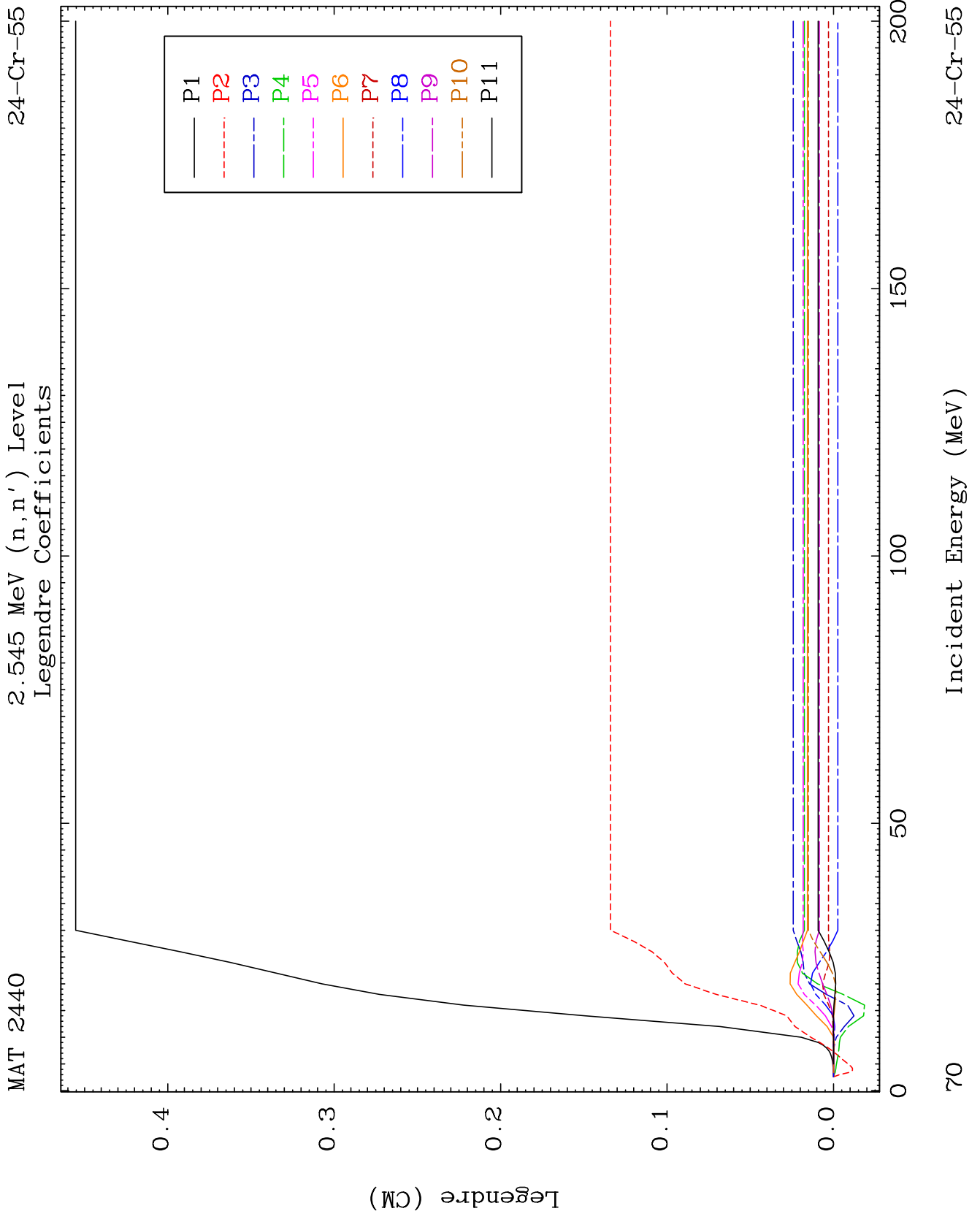


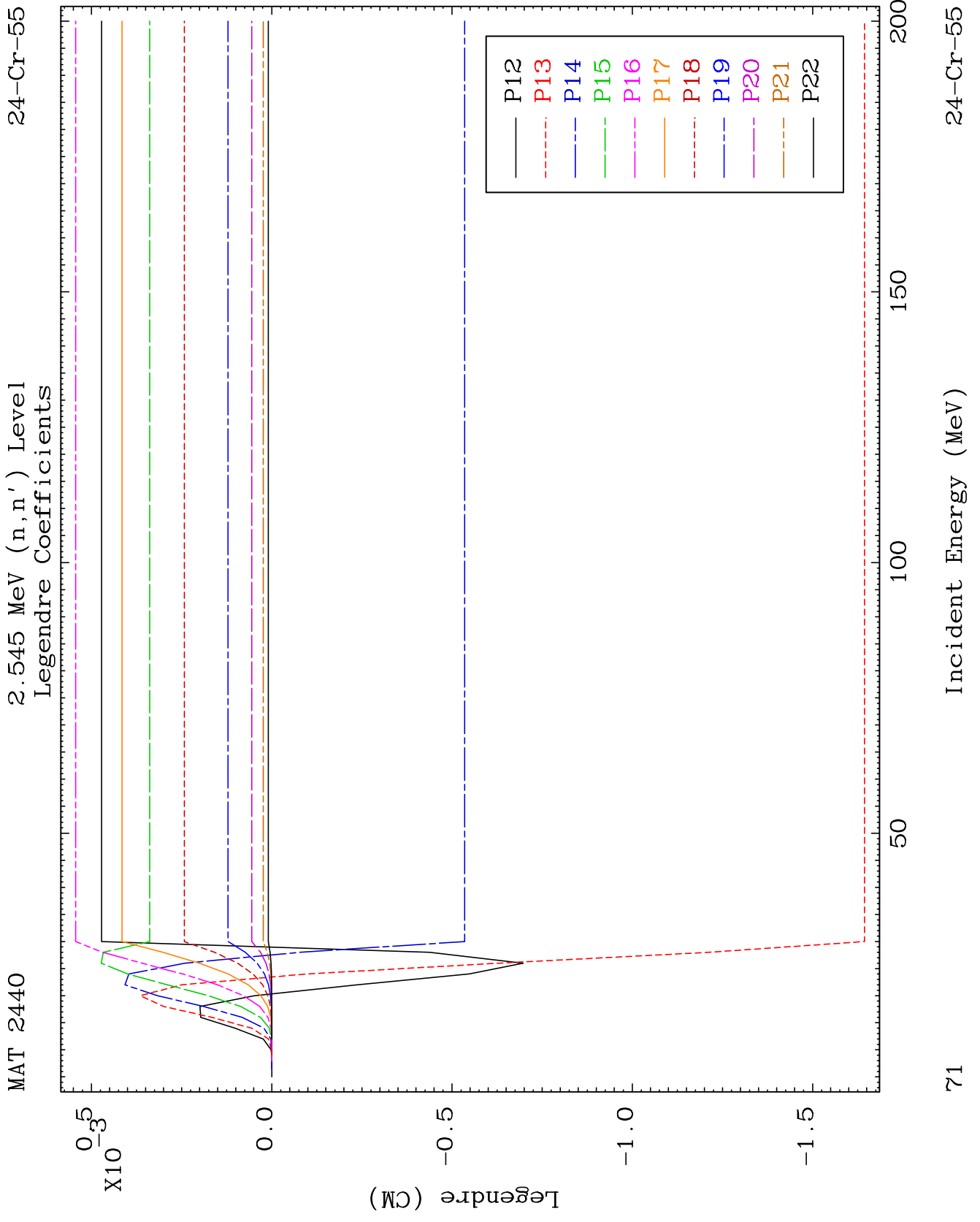


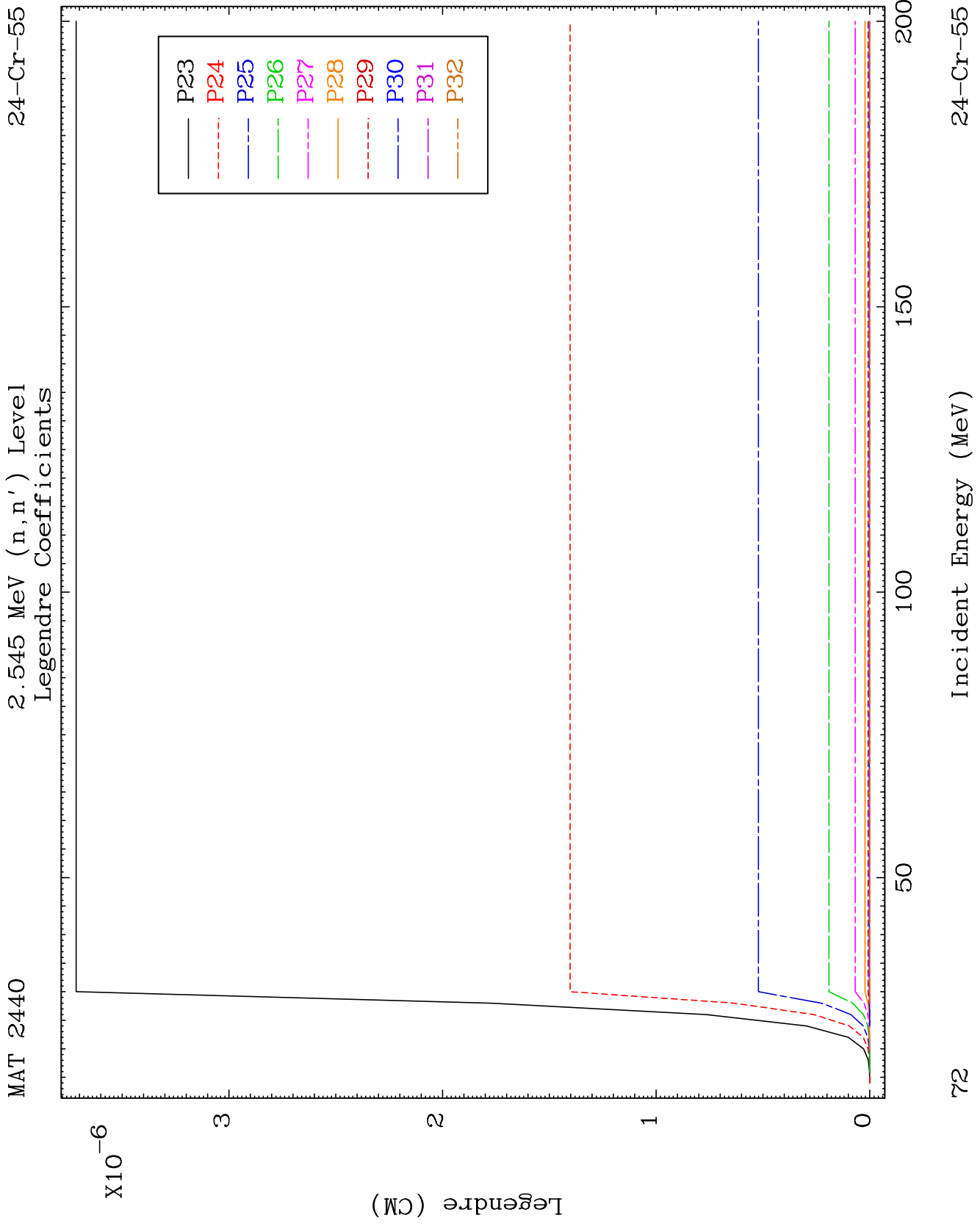


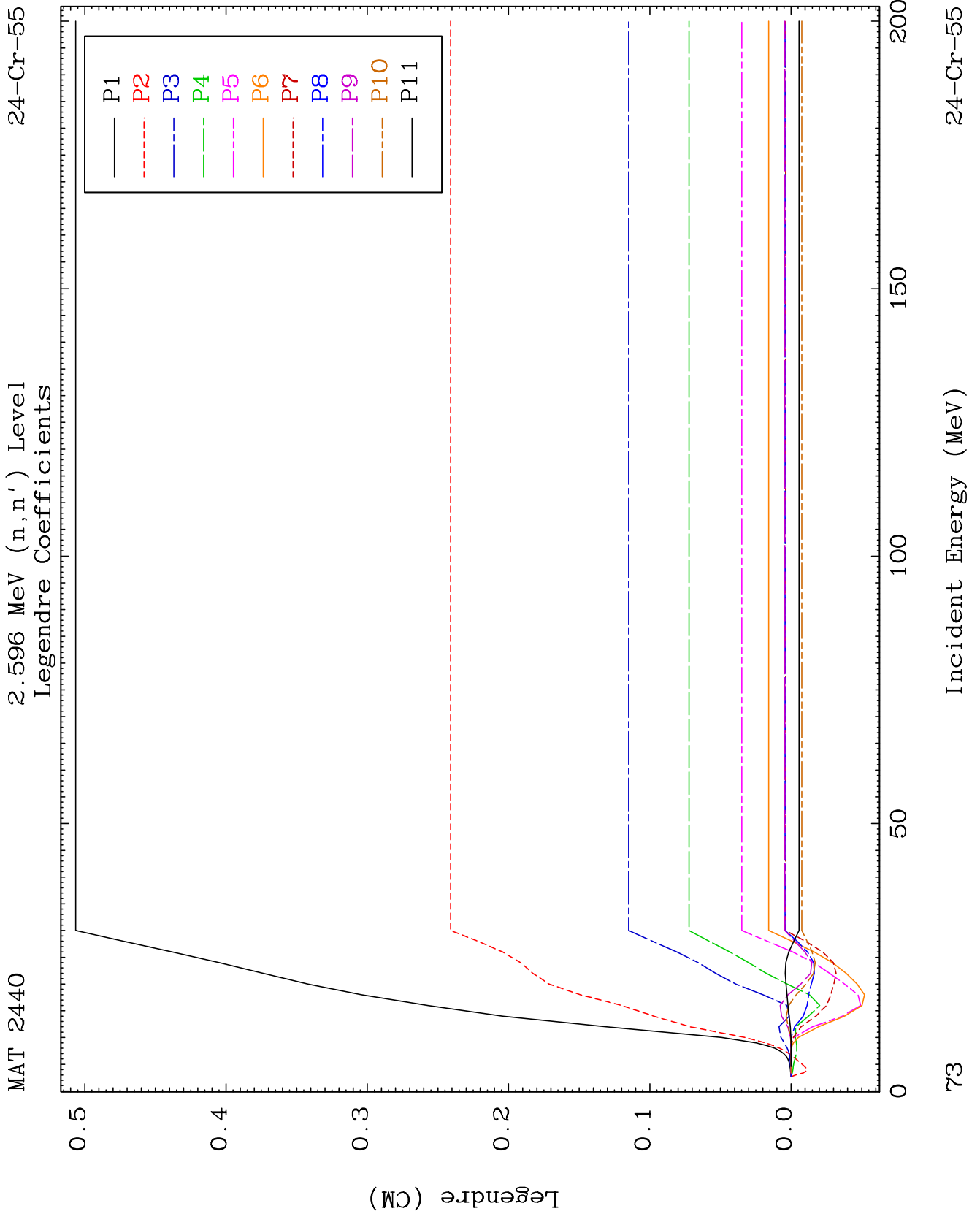








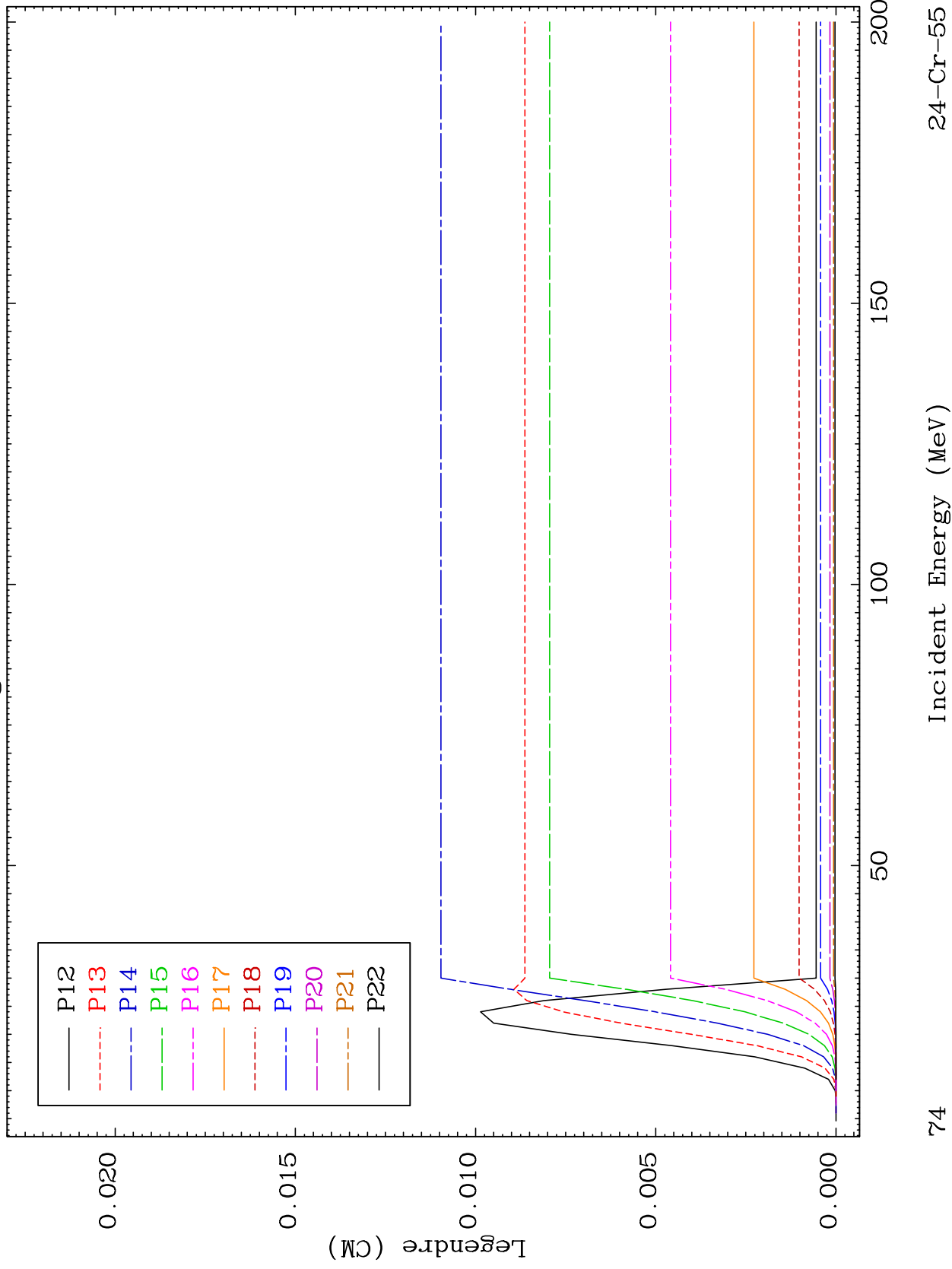




MAT 2440

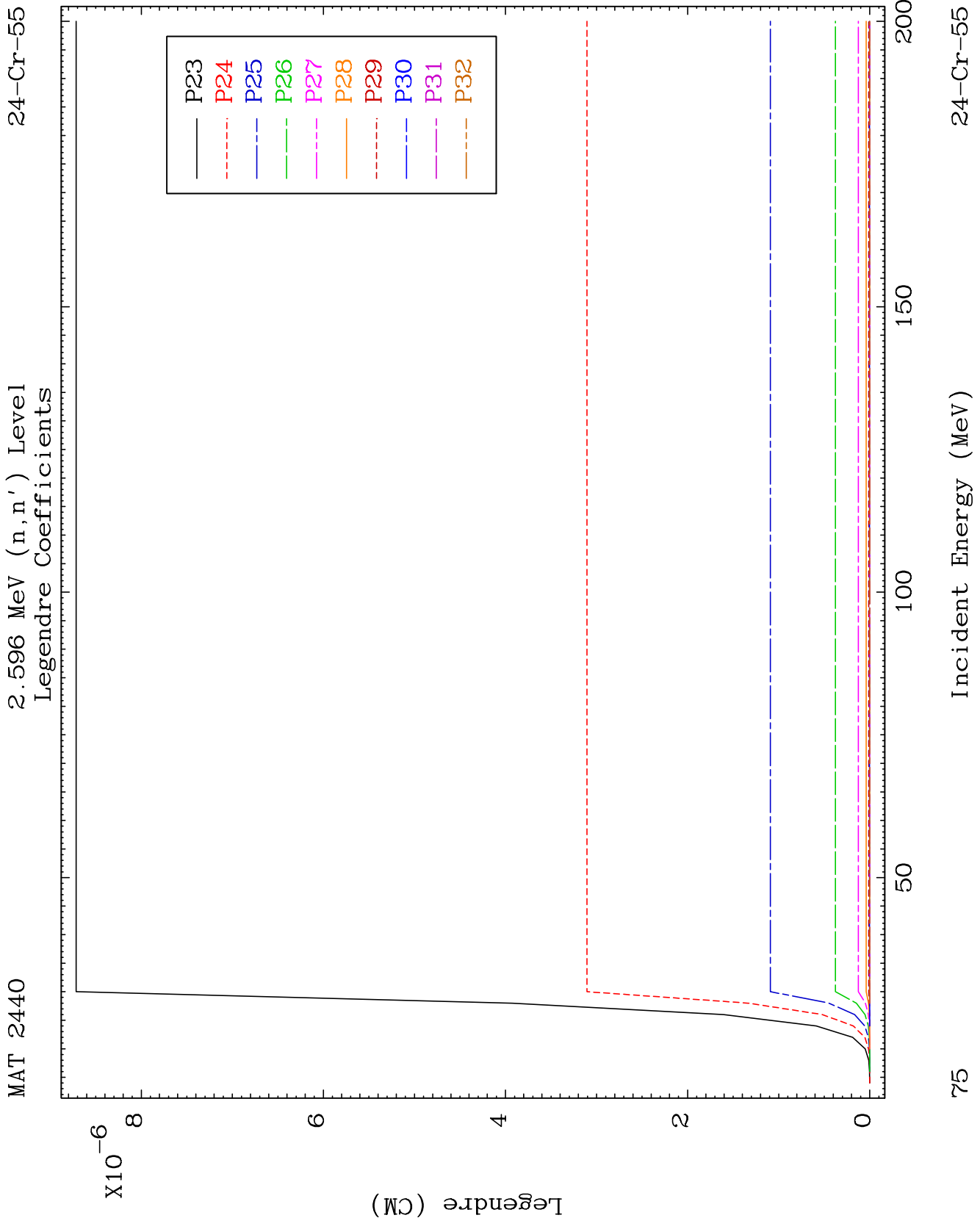
2.596 MeV (n,n') Level
Legendre Coefficients

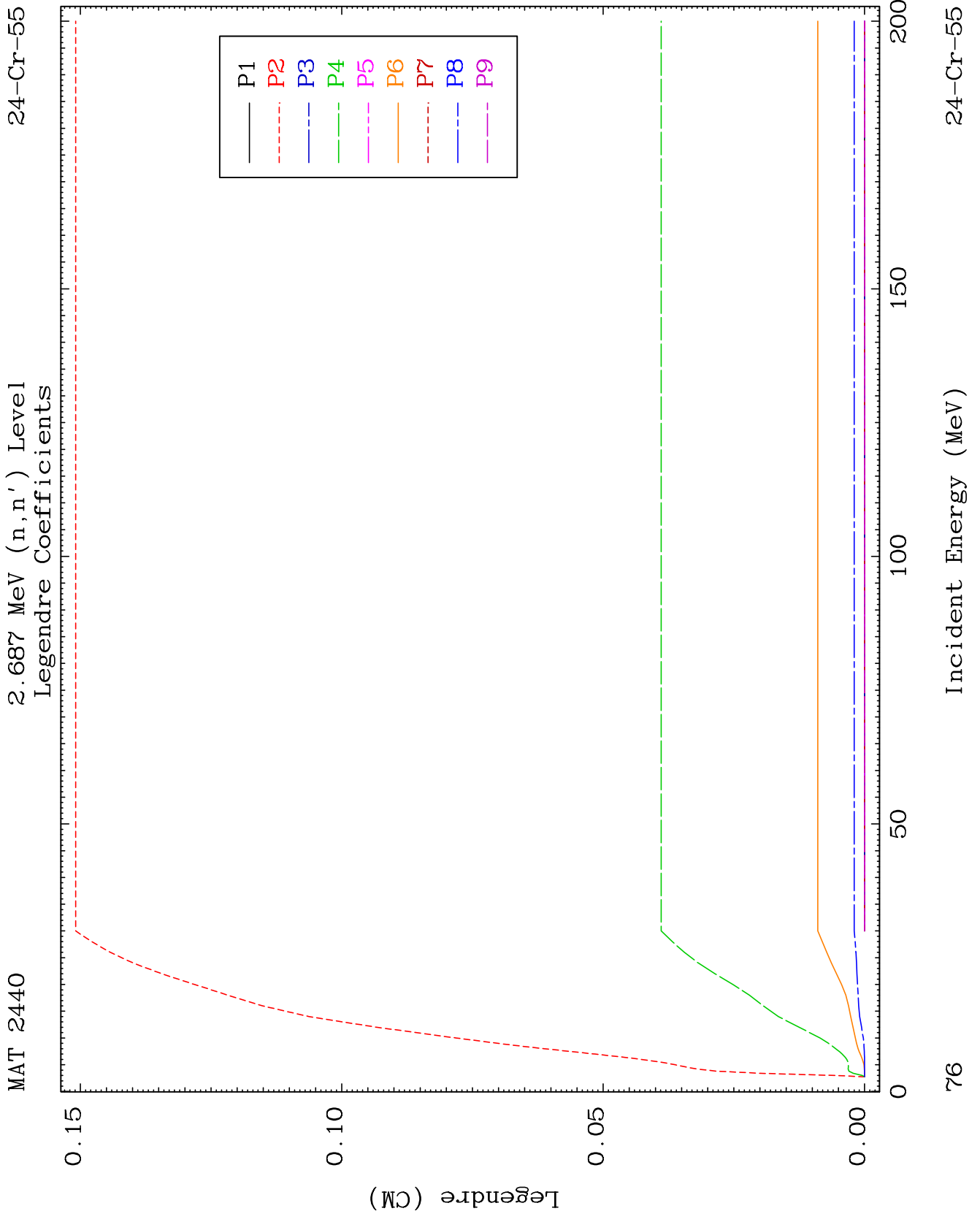
24-Cr-55



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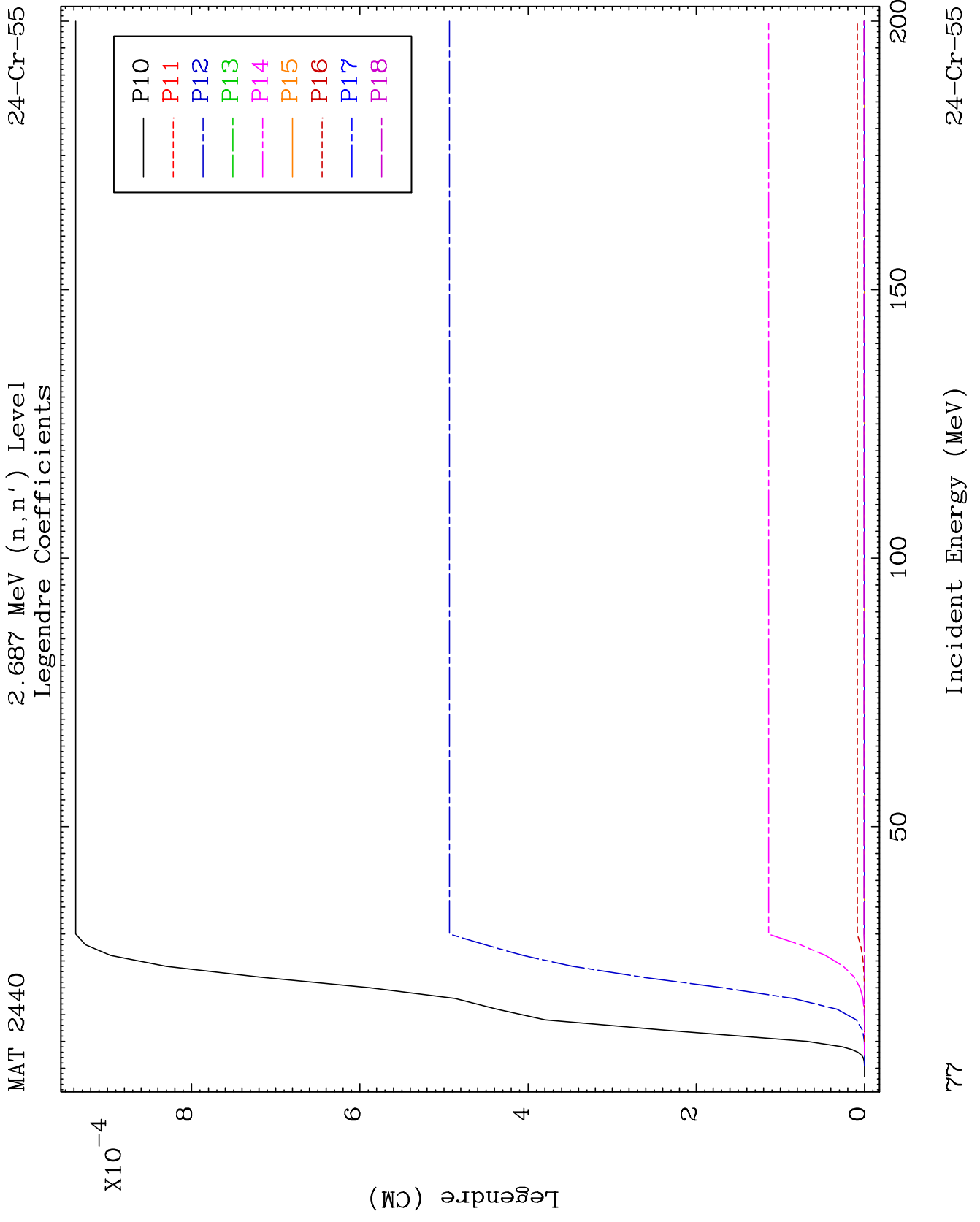
24-Cr-55

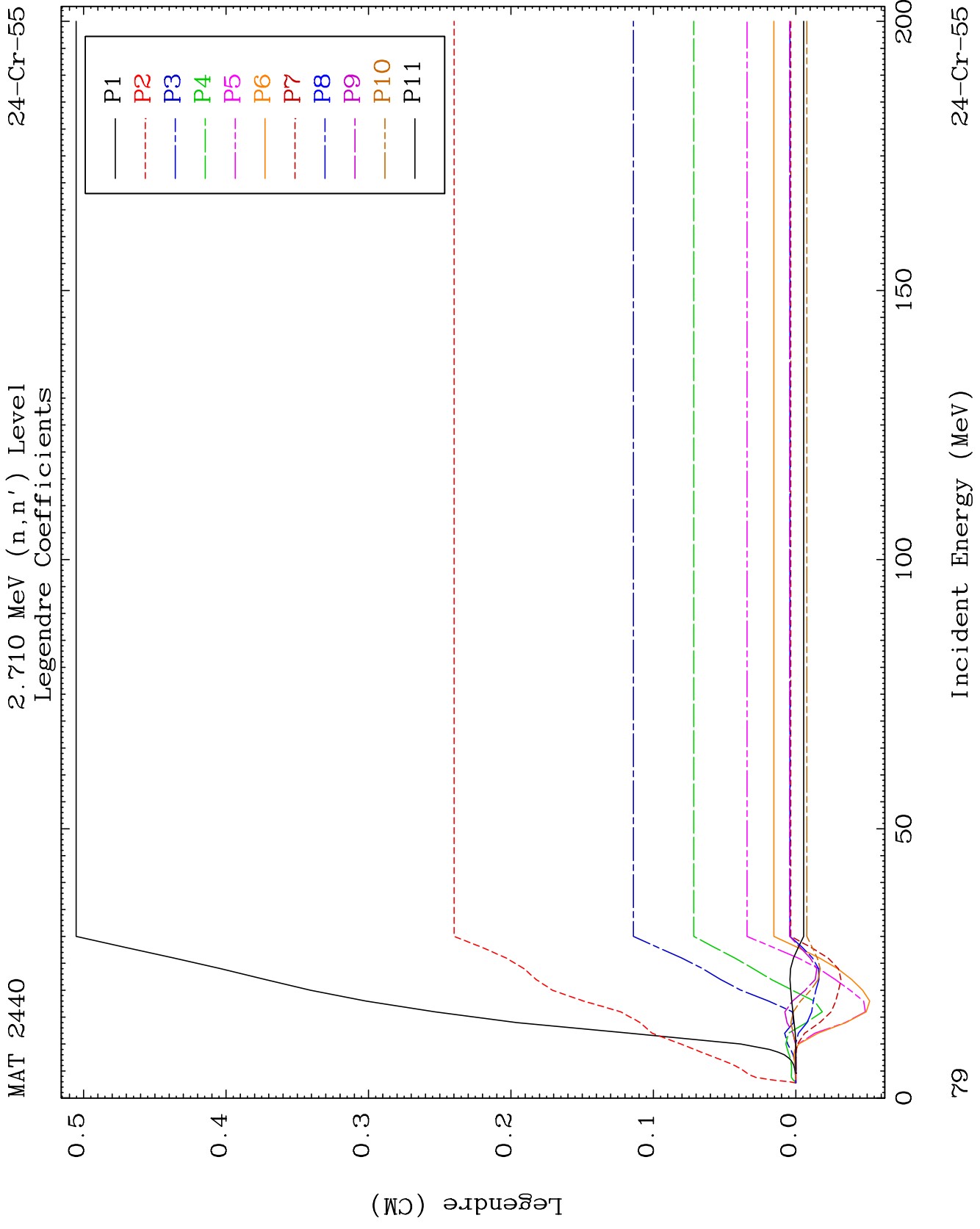




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24-Cr-55

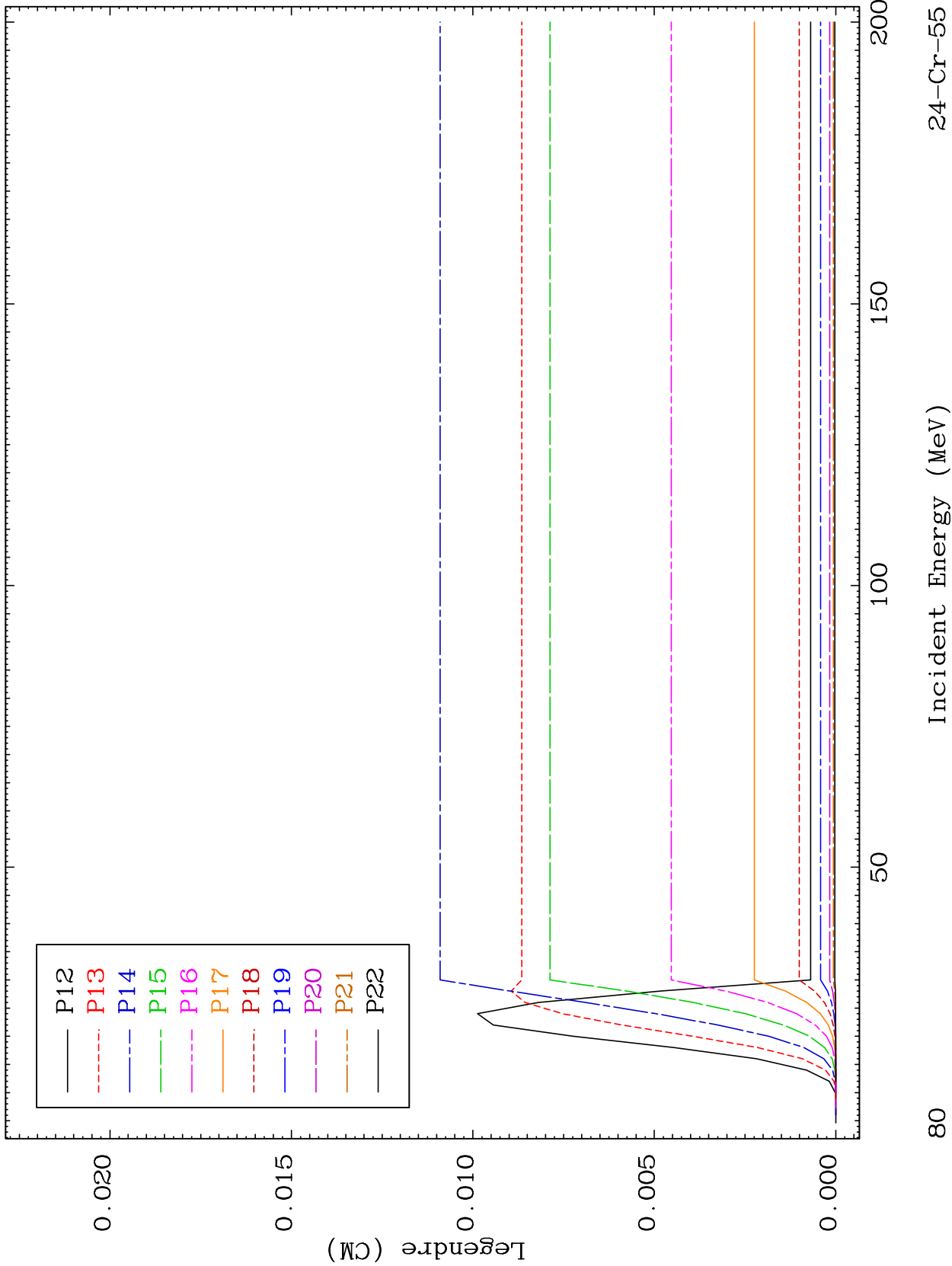




MAT 2440

2.710 MeV (n,n') Level
Legendre Coefficients

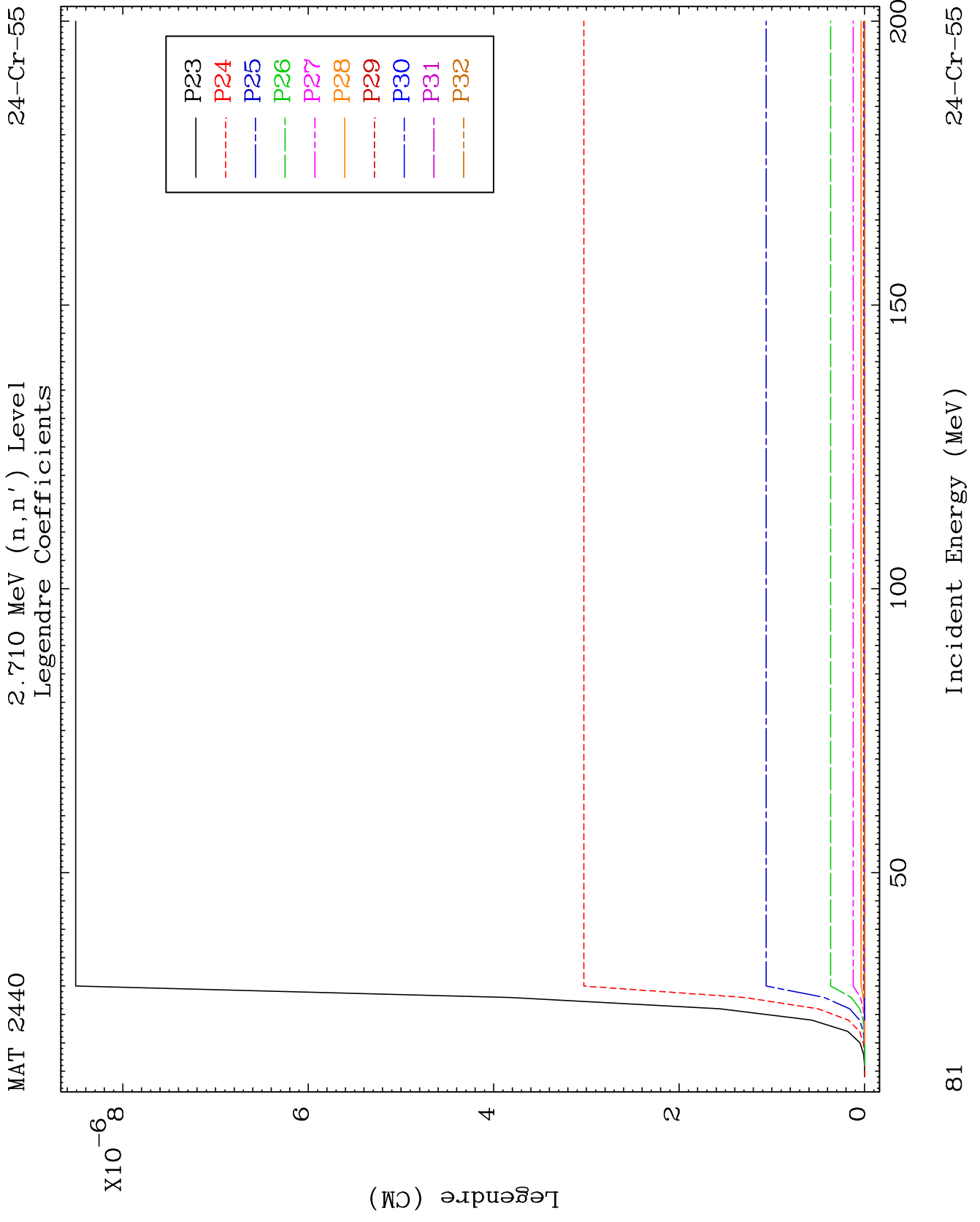
24-Cr-55

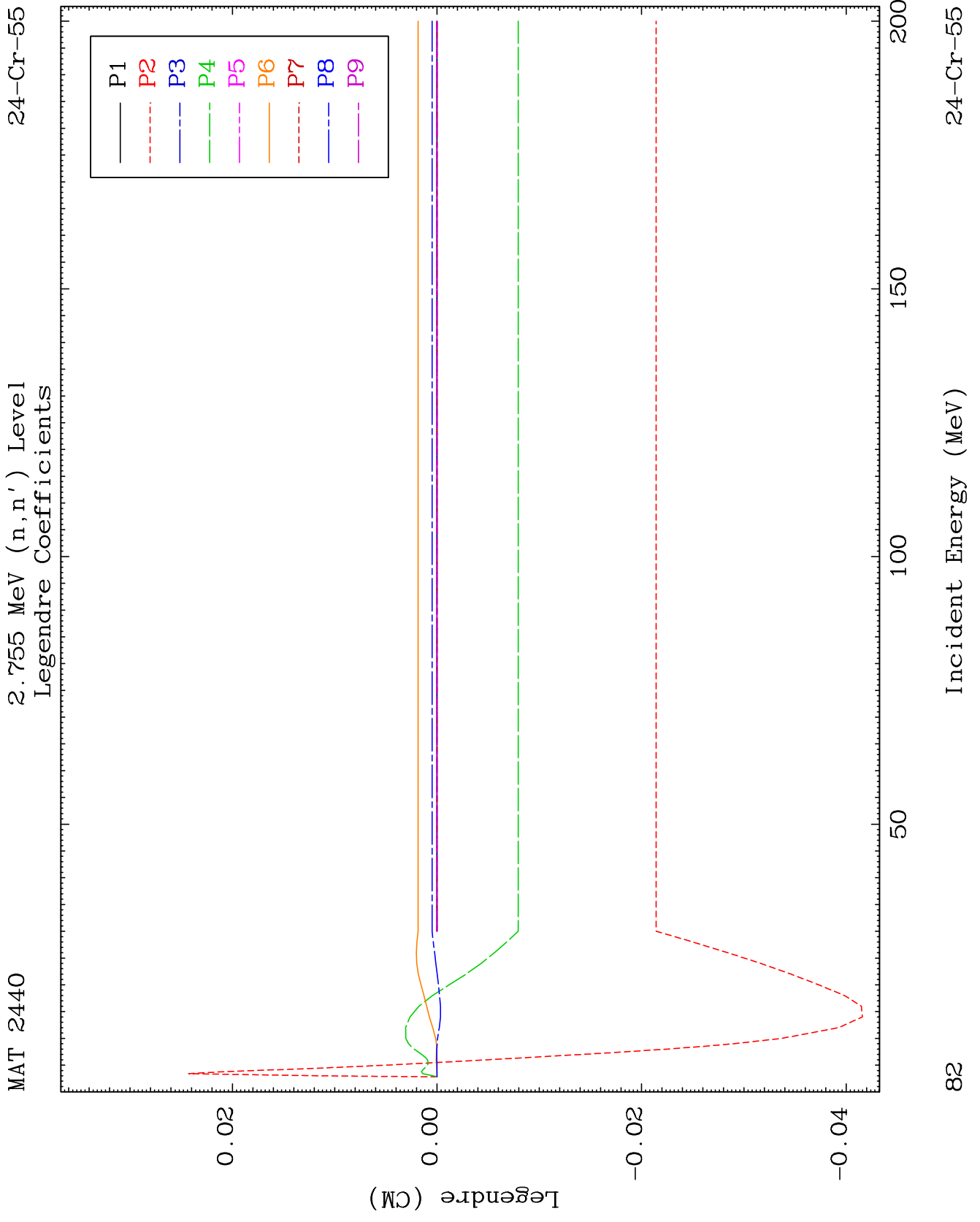


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Incident Energy (MeV)

24-Cr-55

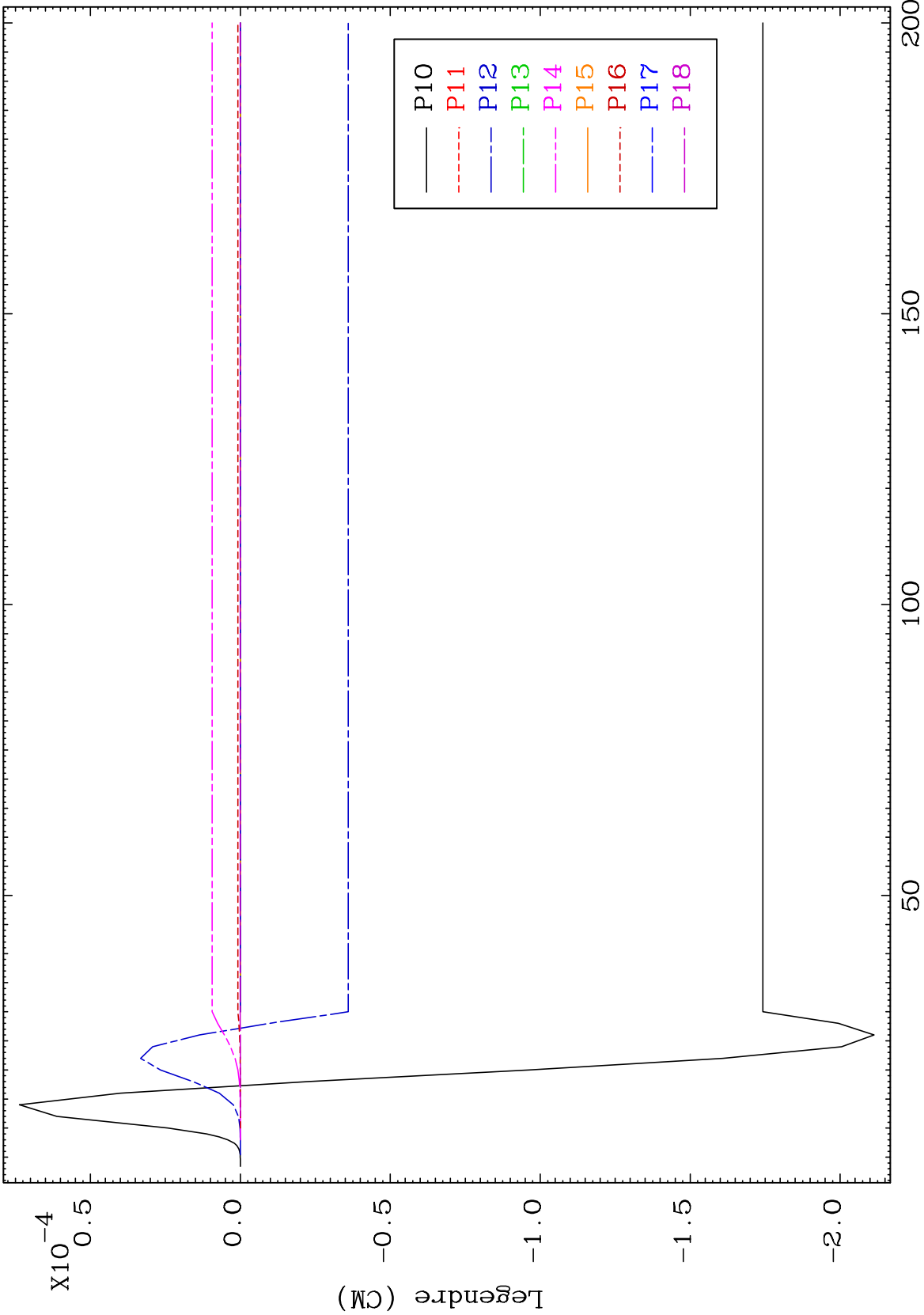


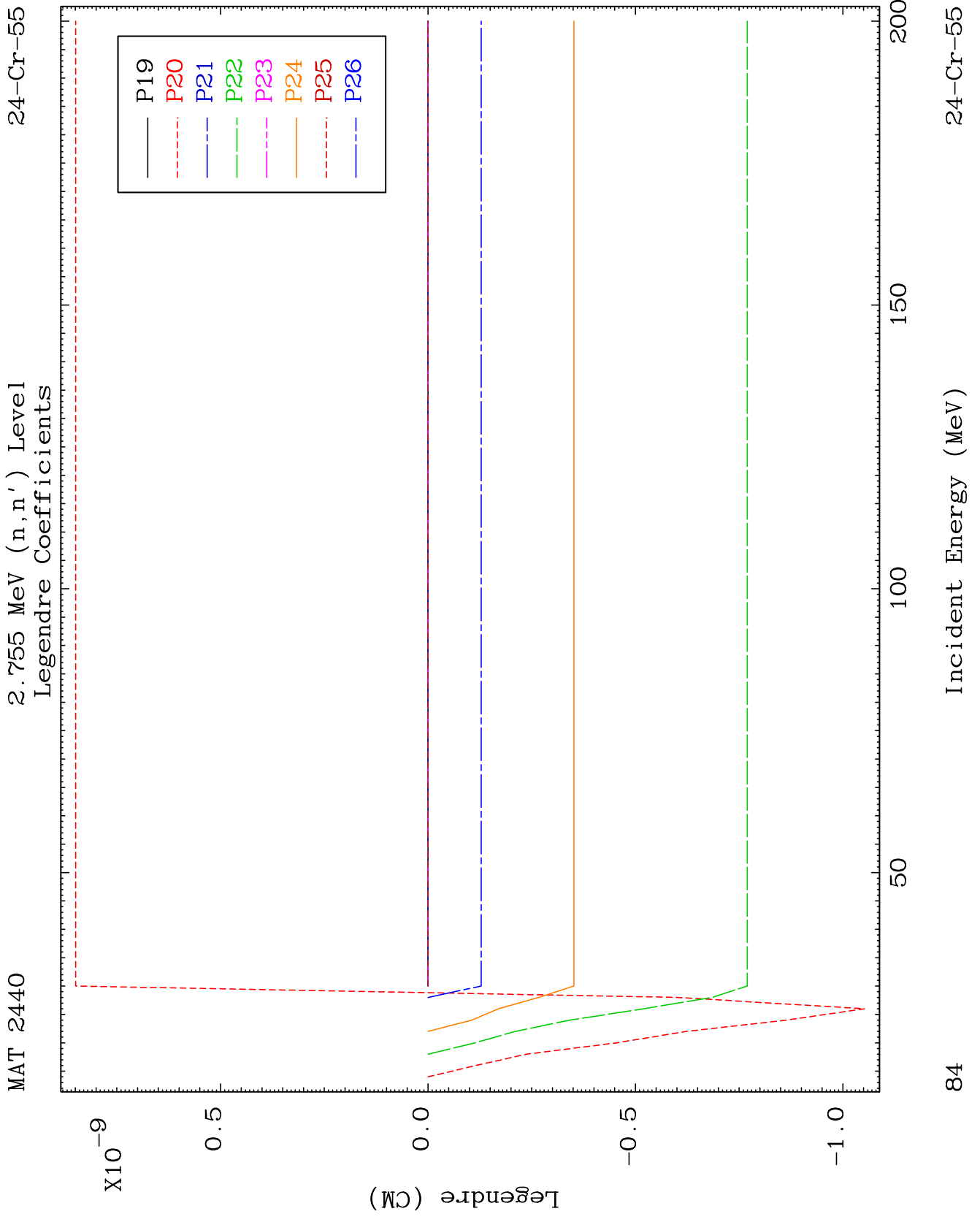


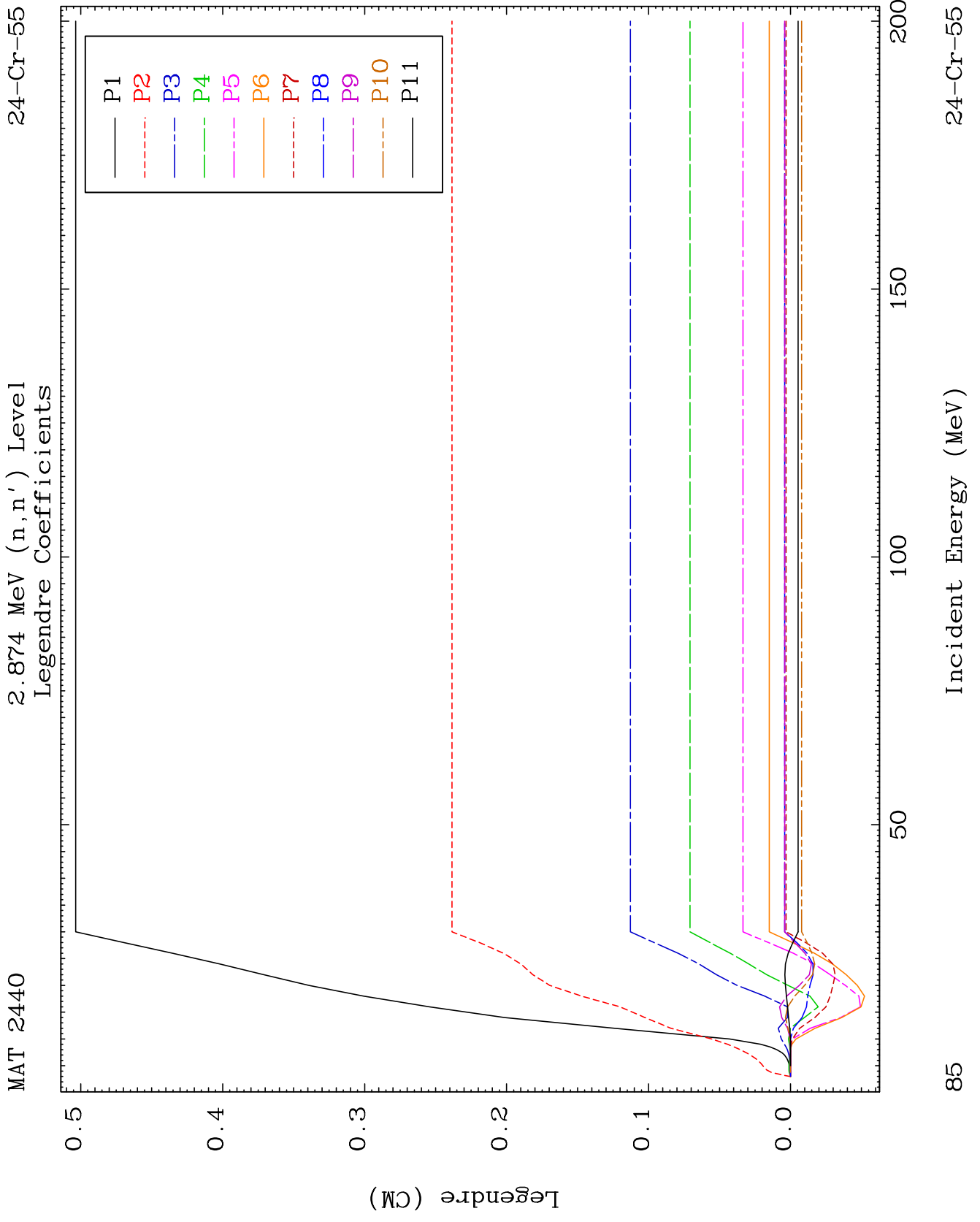
MAT 2440

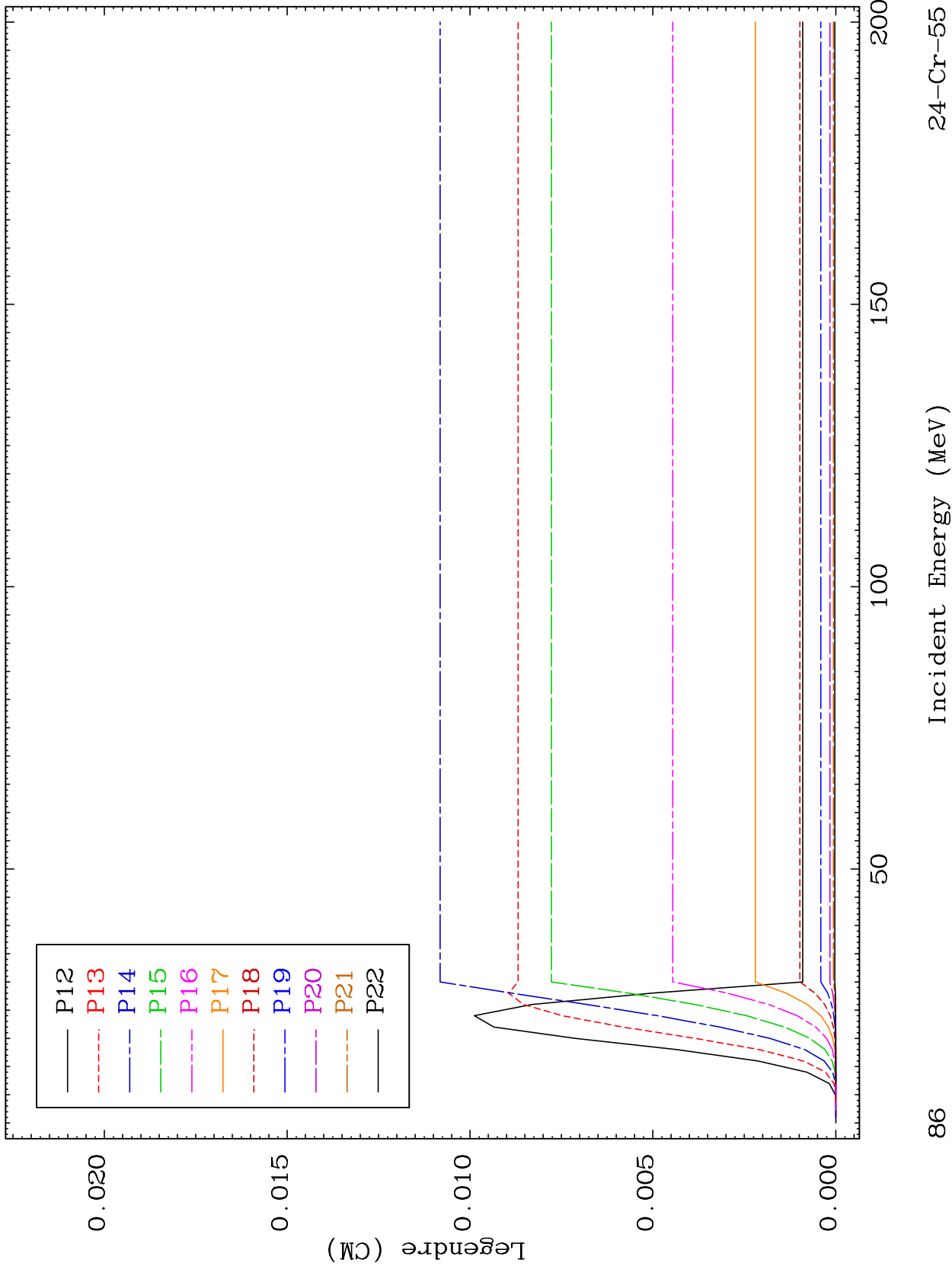
2.755 MeV (n,n') Level
Legendre Coefficients

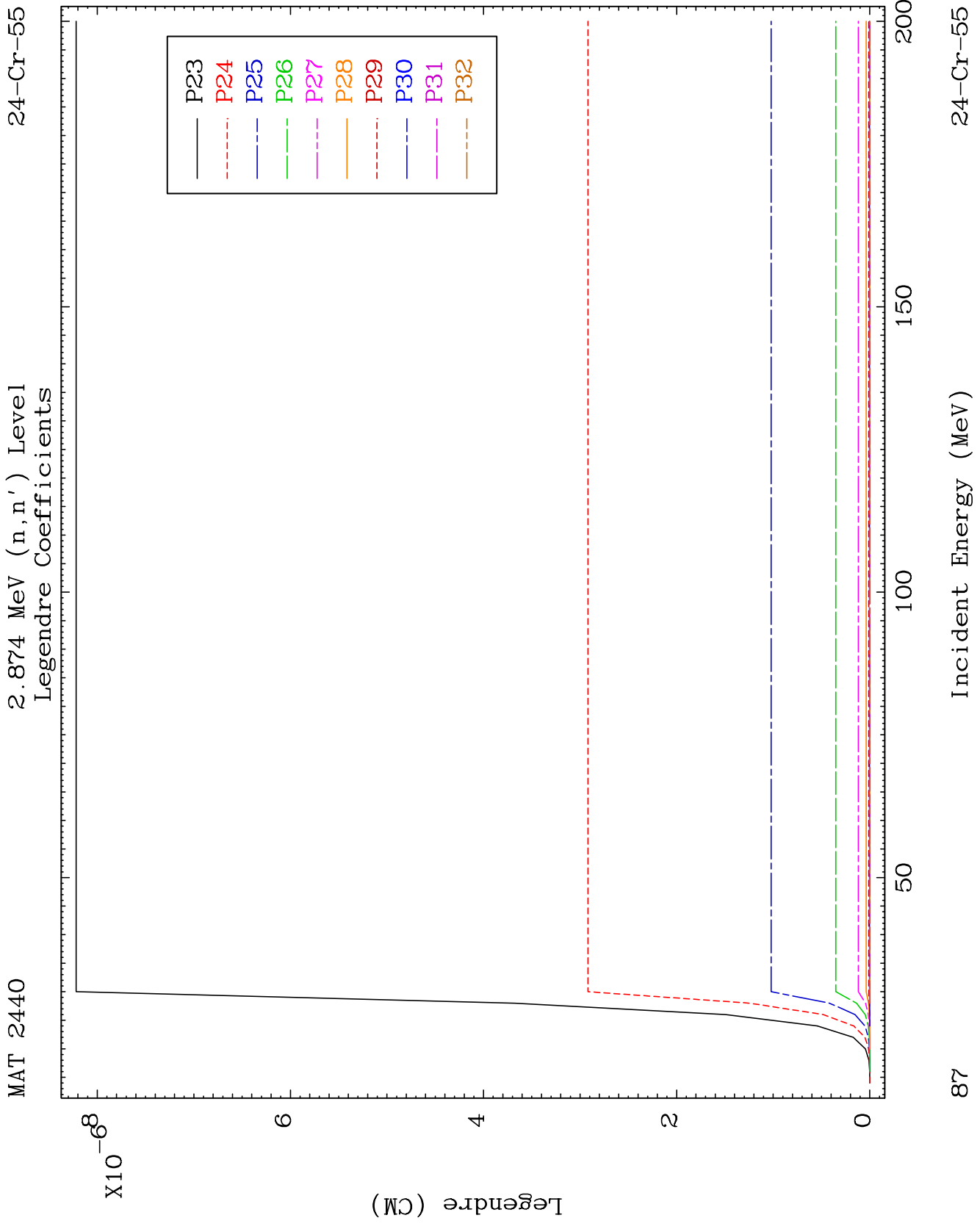
24-Cr-55

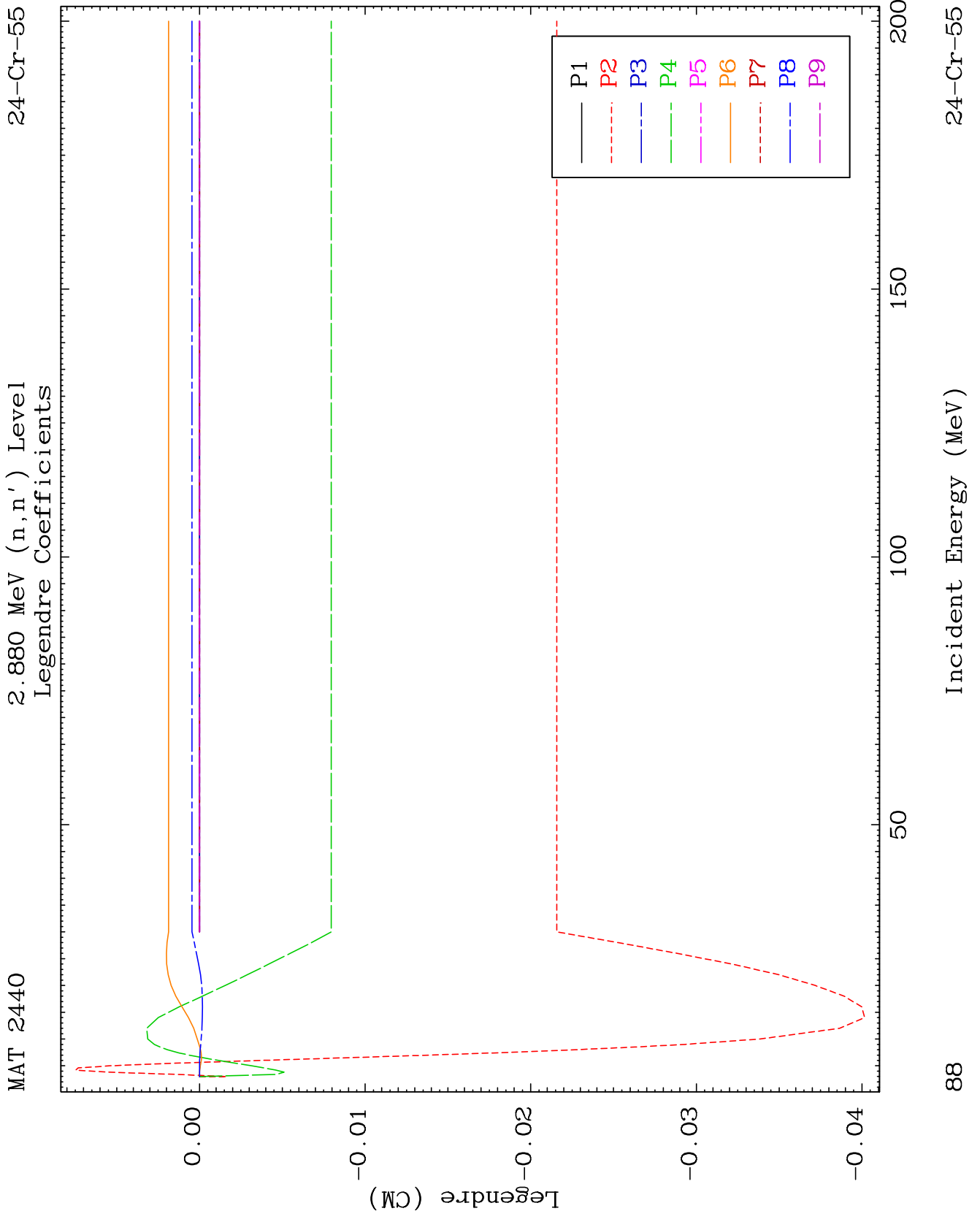


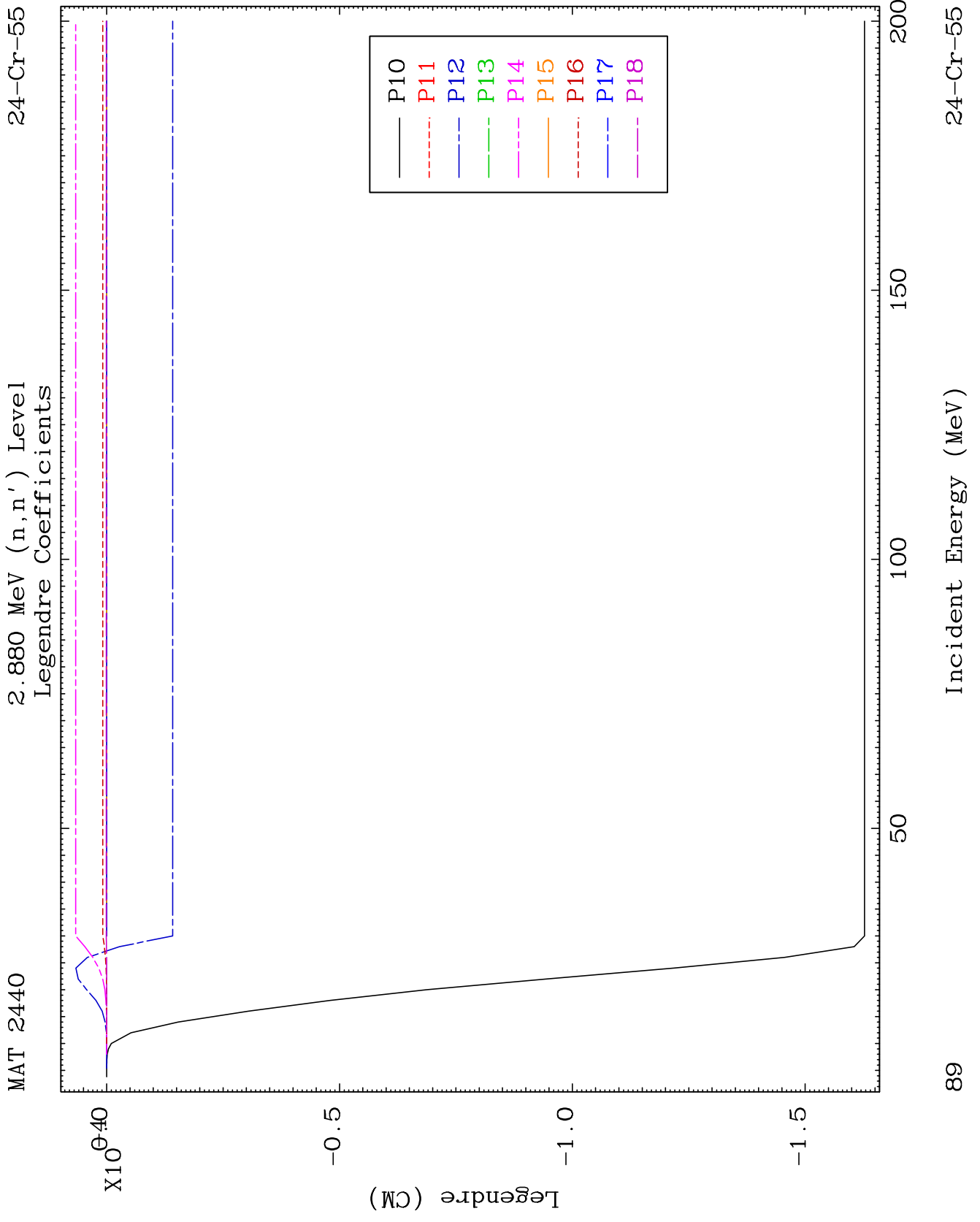


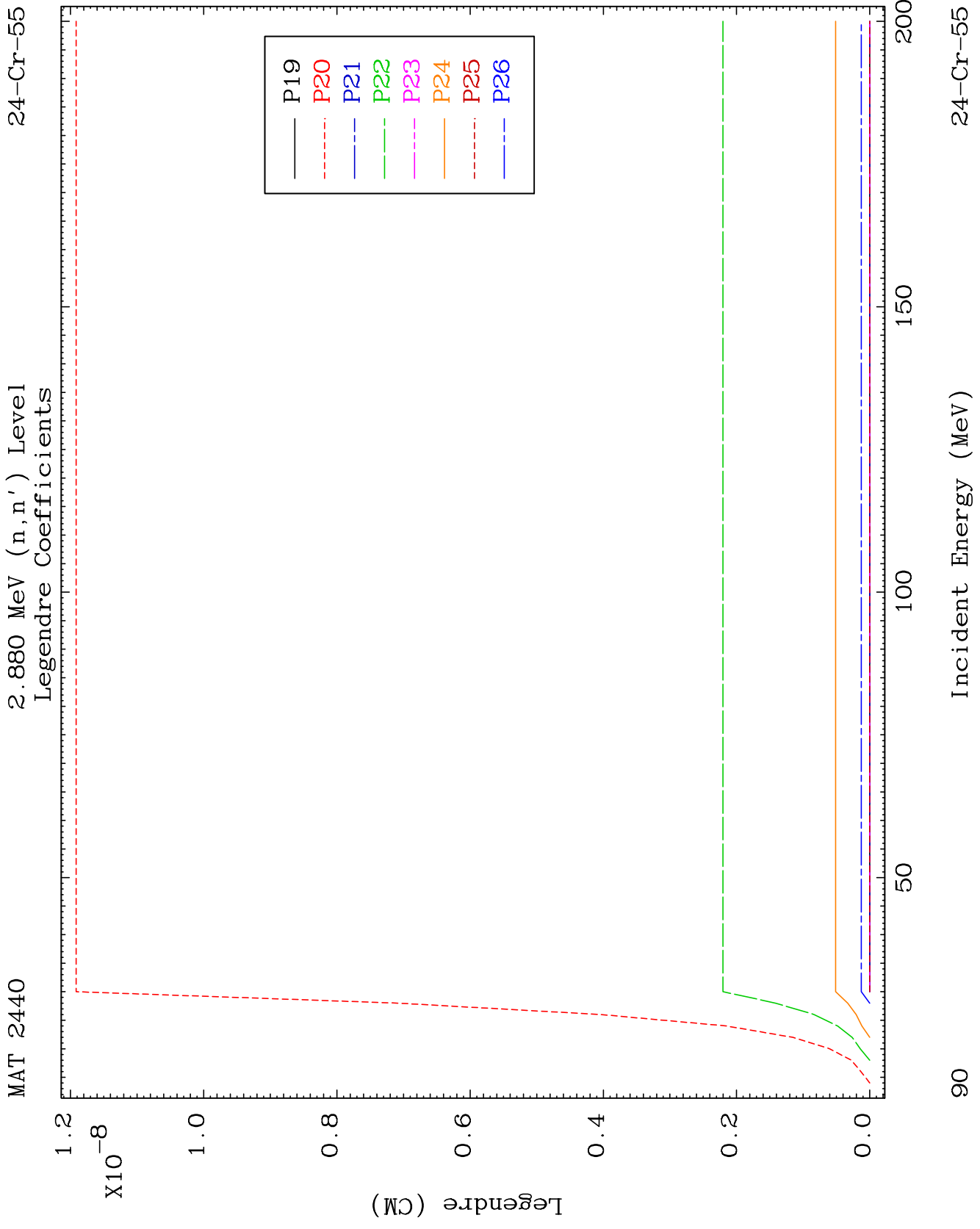


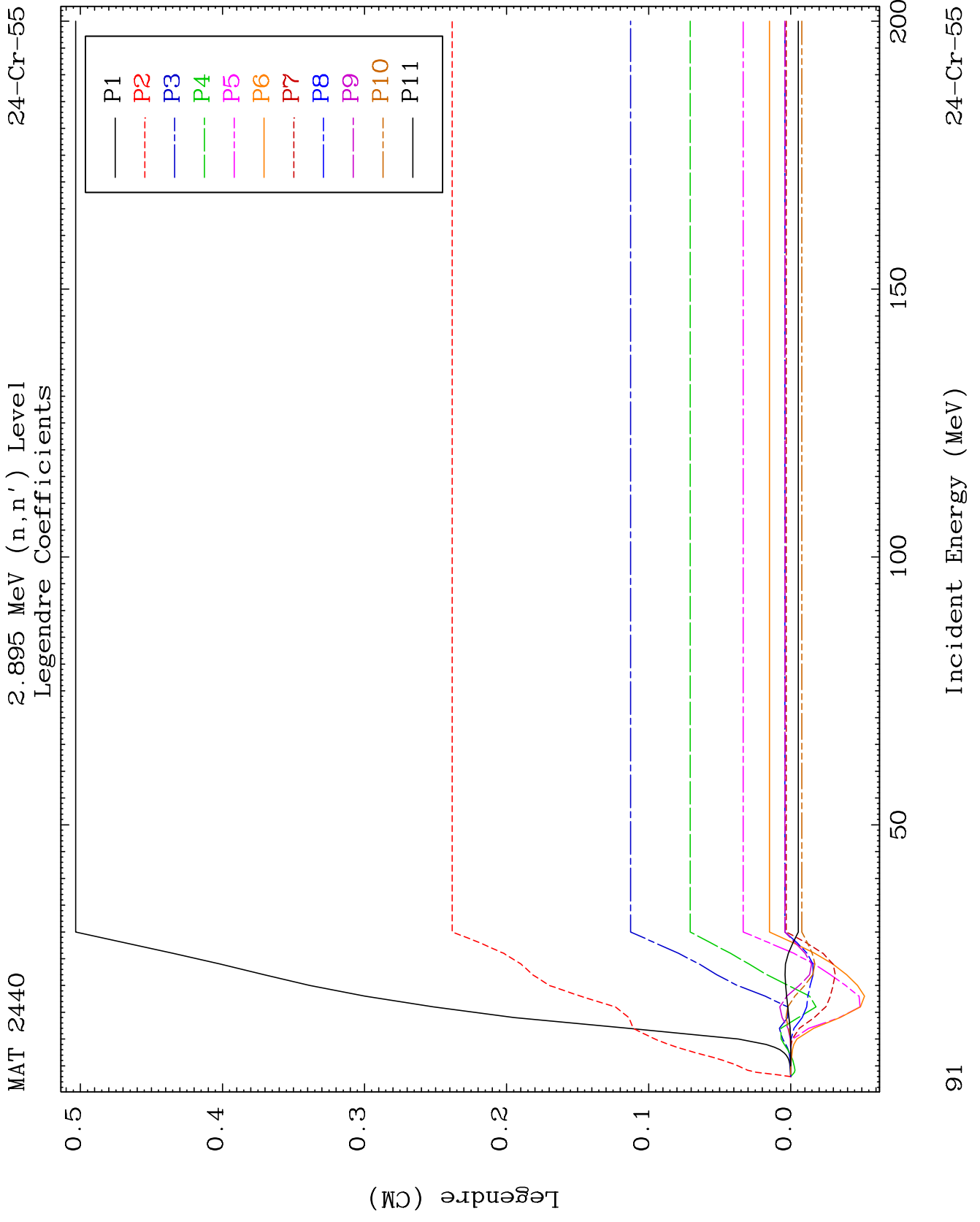








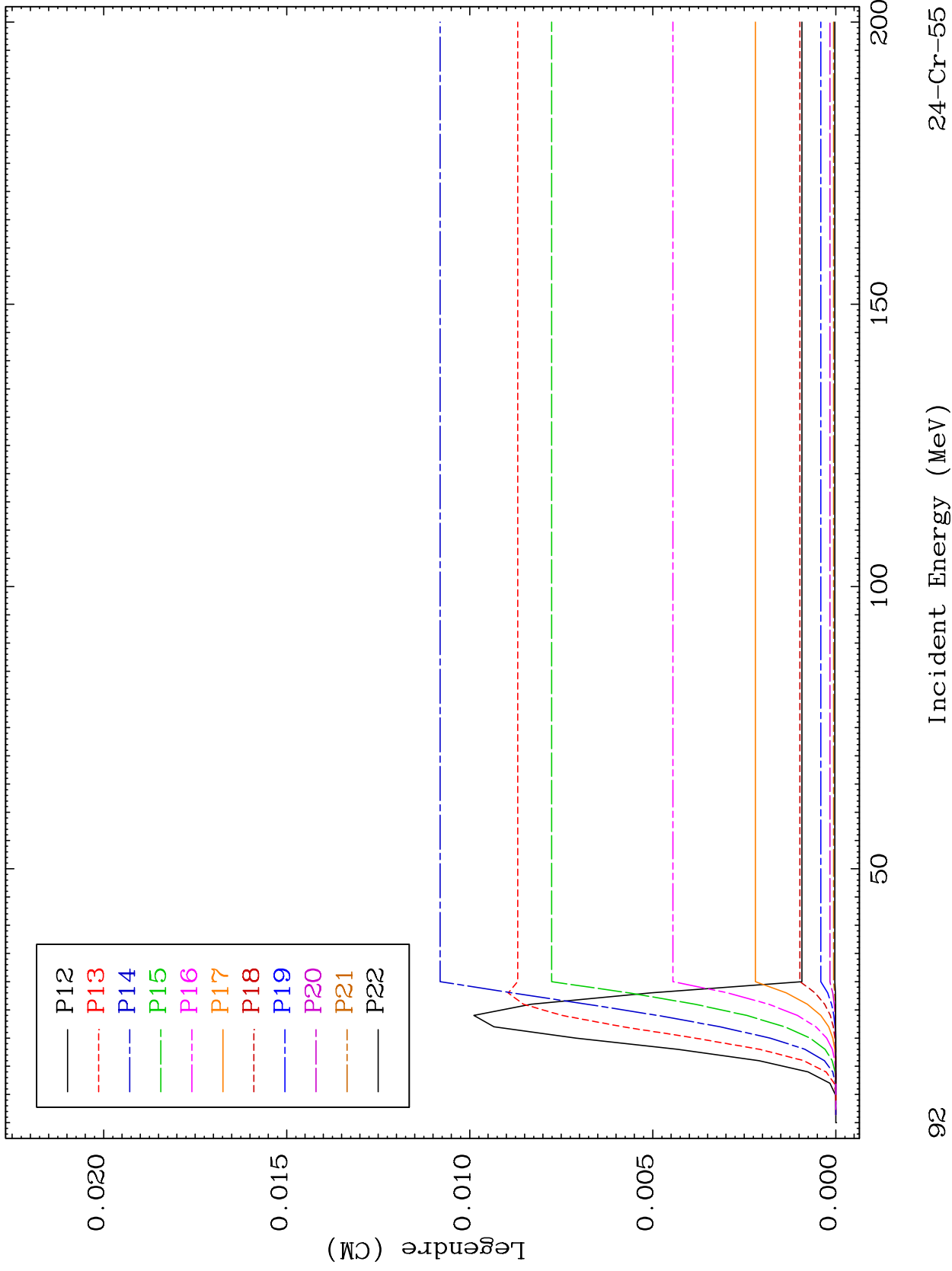




MAT 2440

2.895 MeV (n,n') Level
Legendre Coefficients

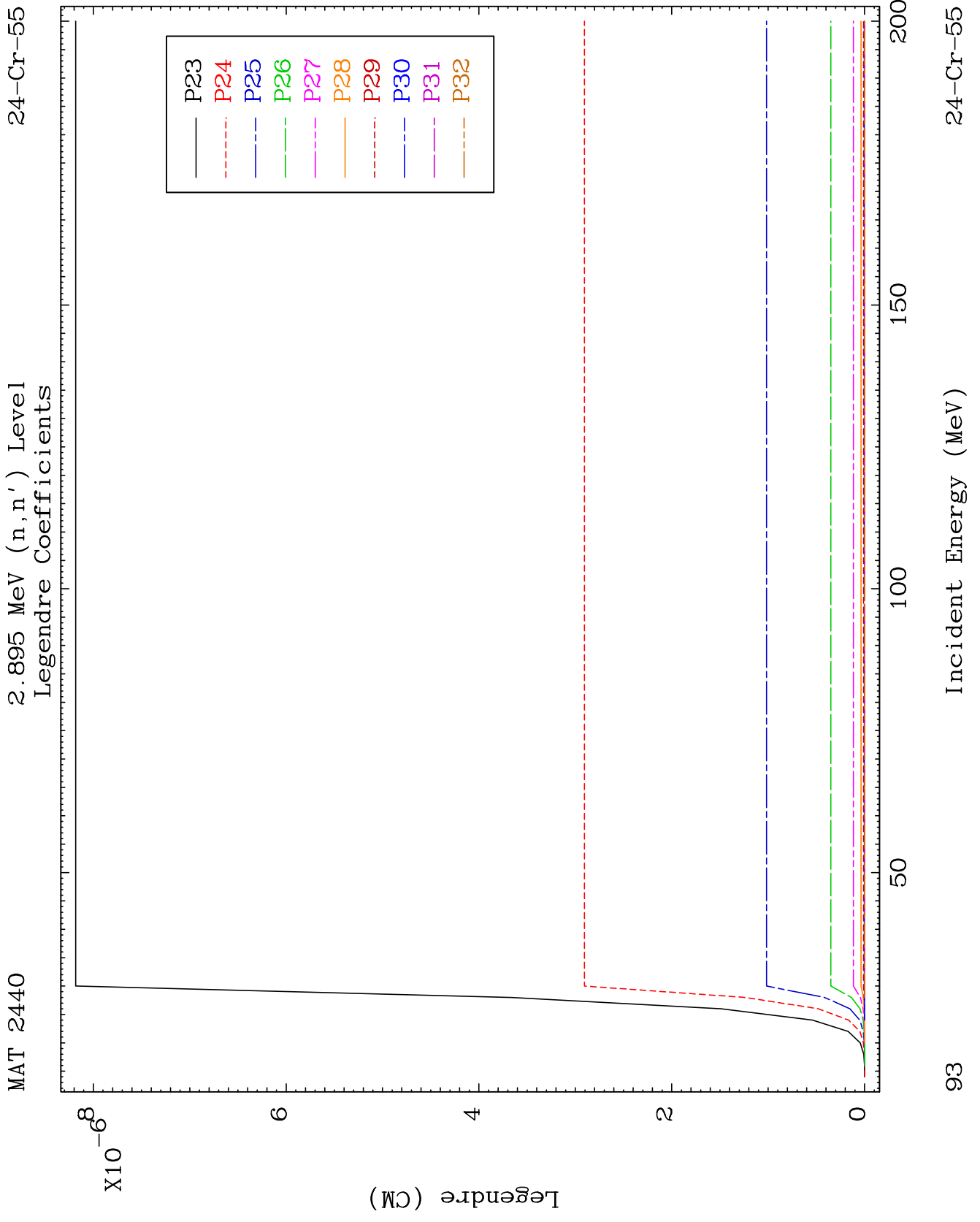
24-Cr-55

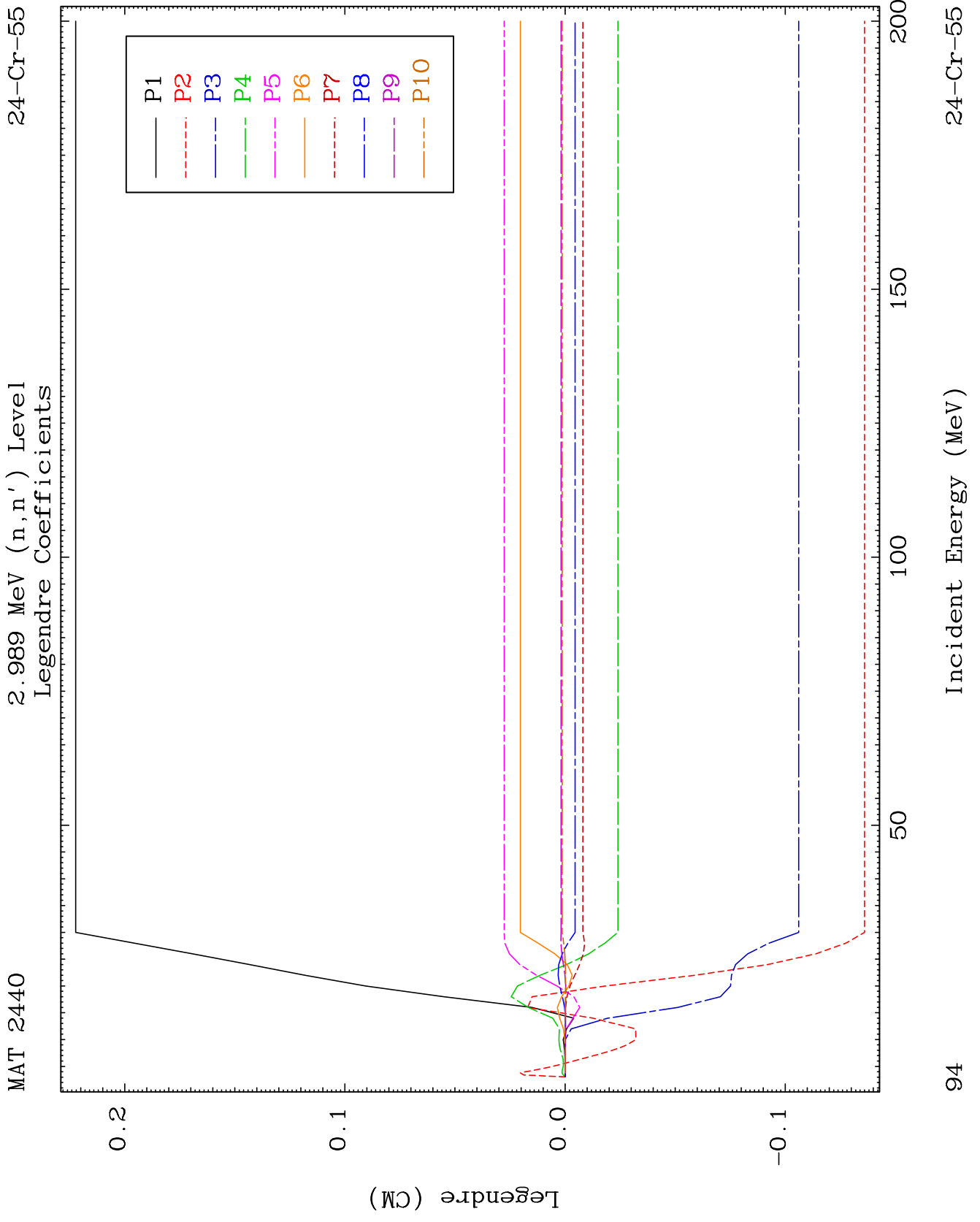


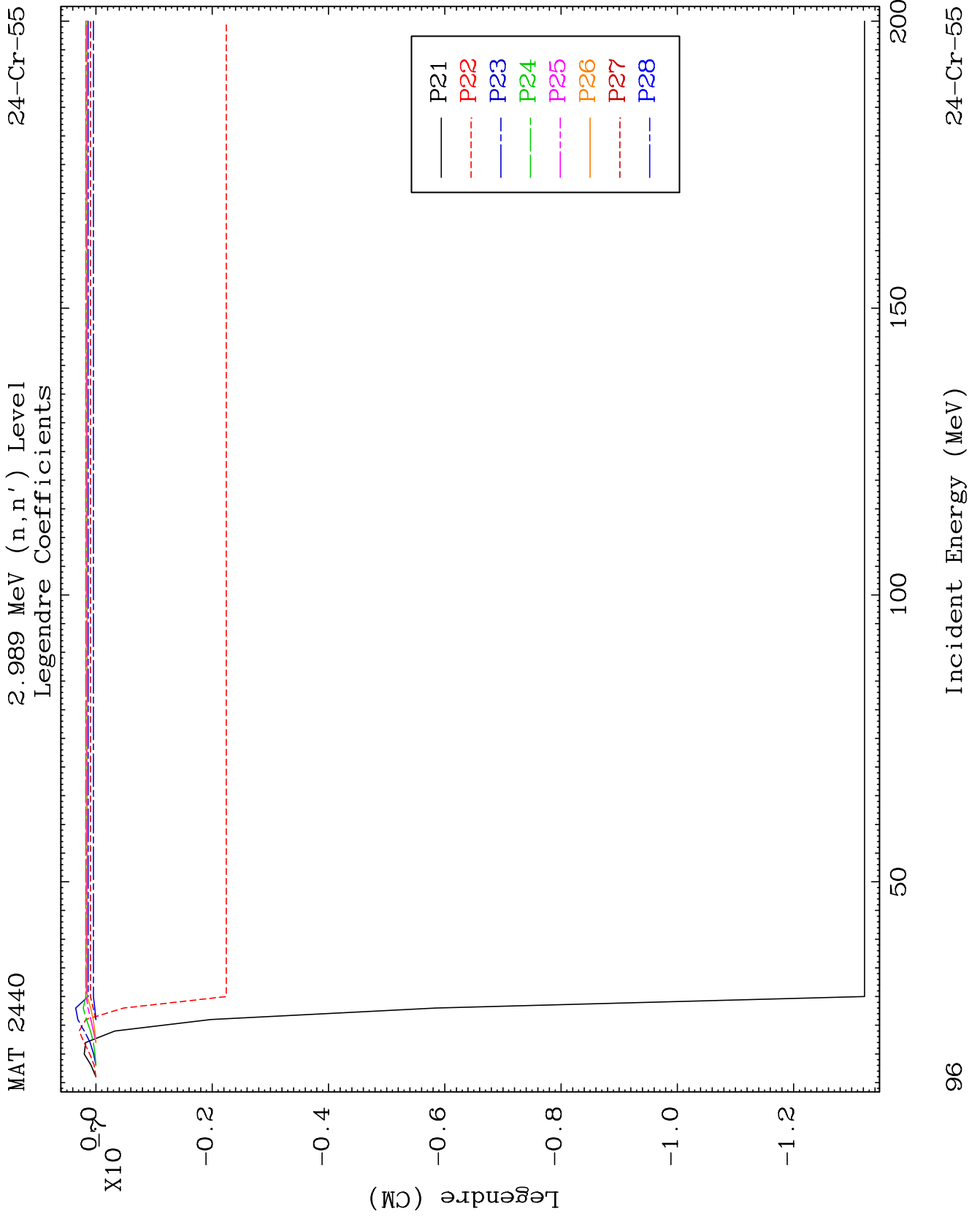
92

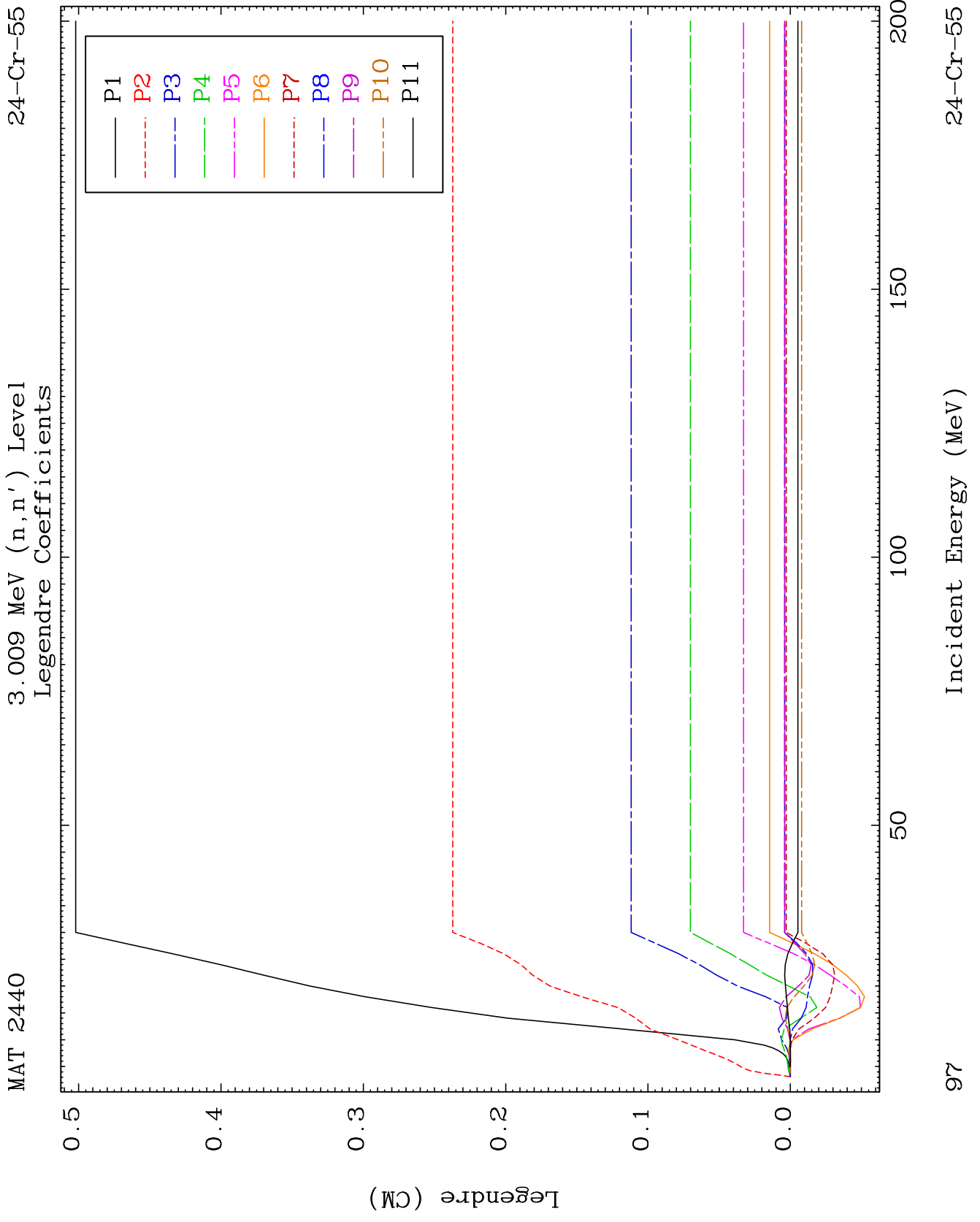
Incident Energy (MeV)

24-Cr-55





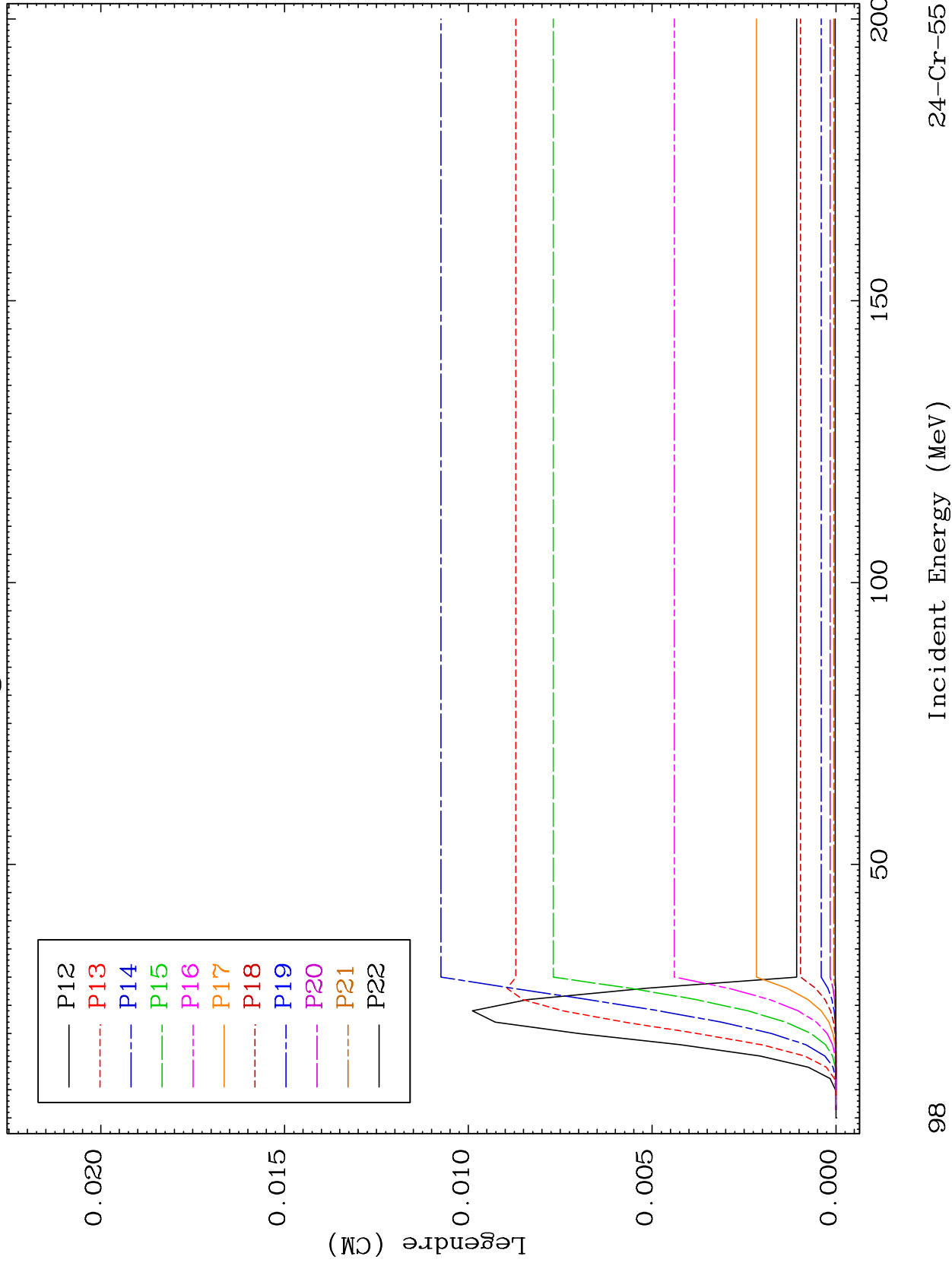




MAT 2440

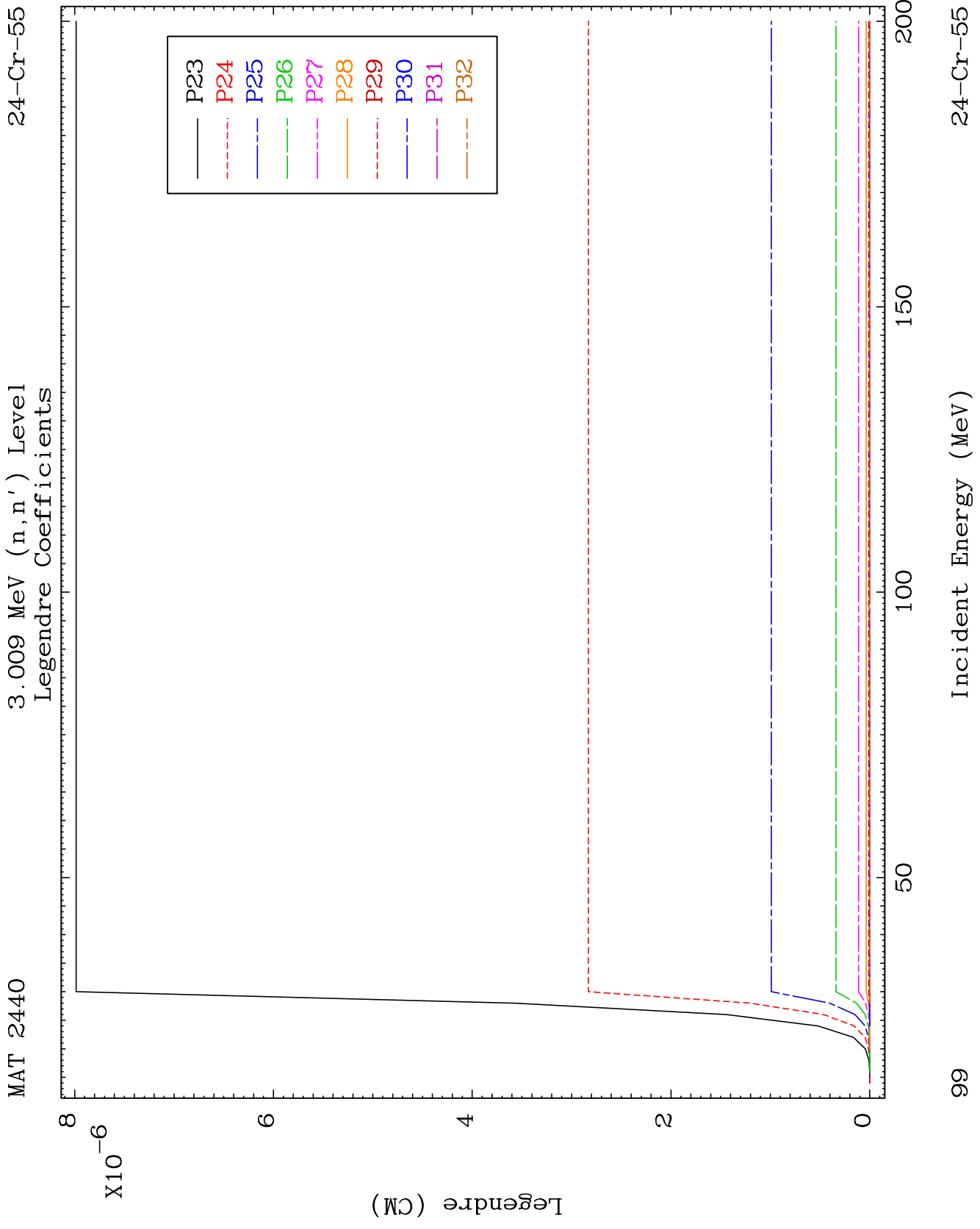
3.009 MeV (n,n') Level
Legendre Coefficients

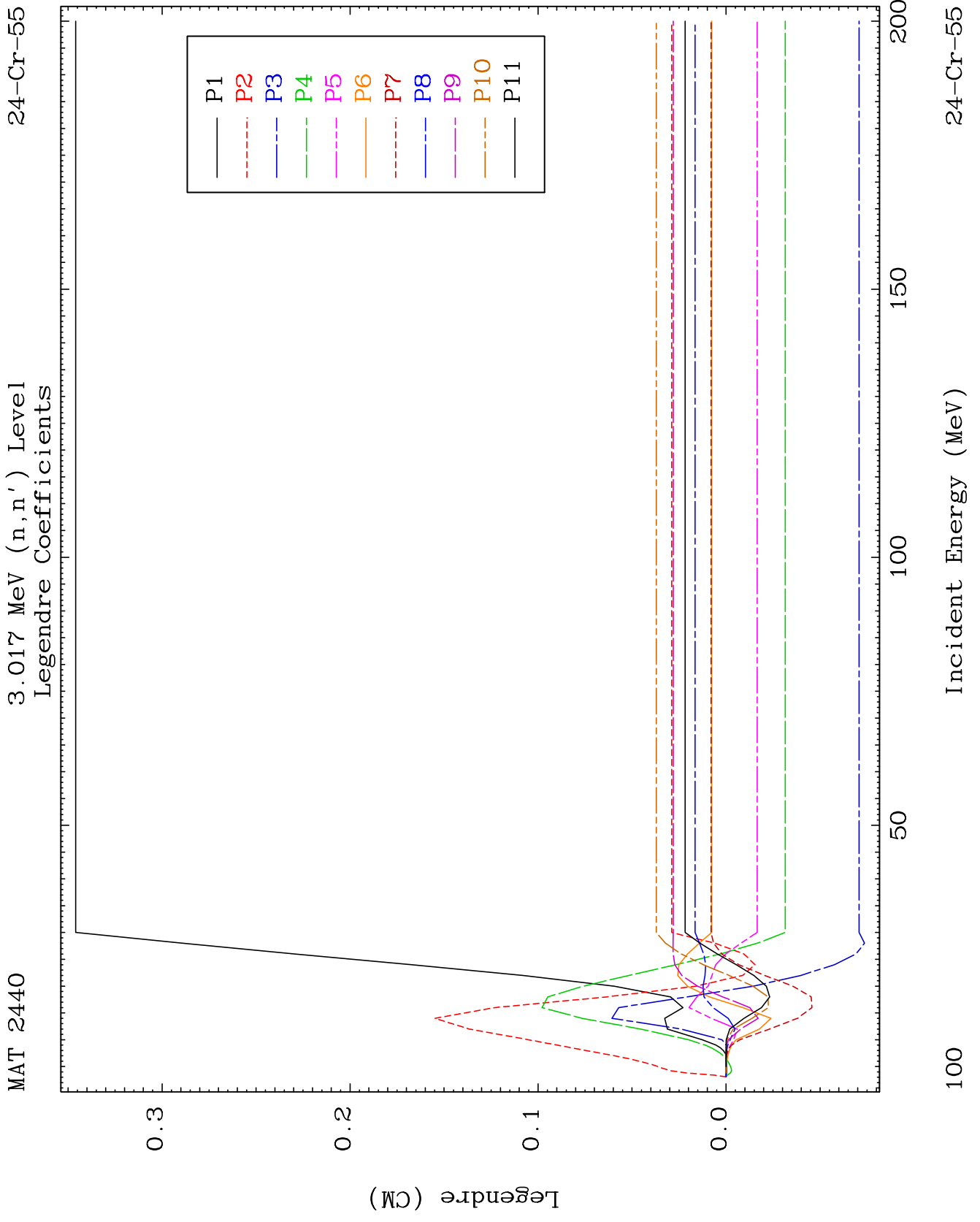
24-Cr-55

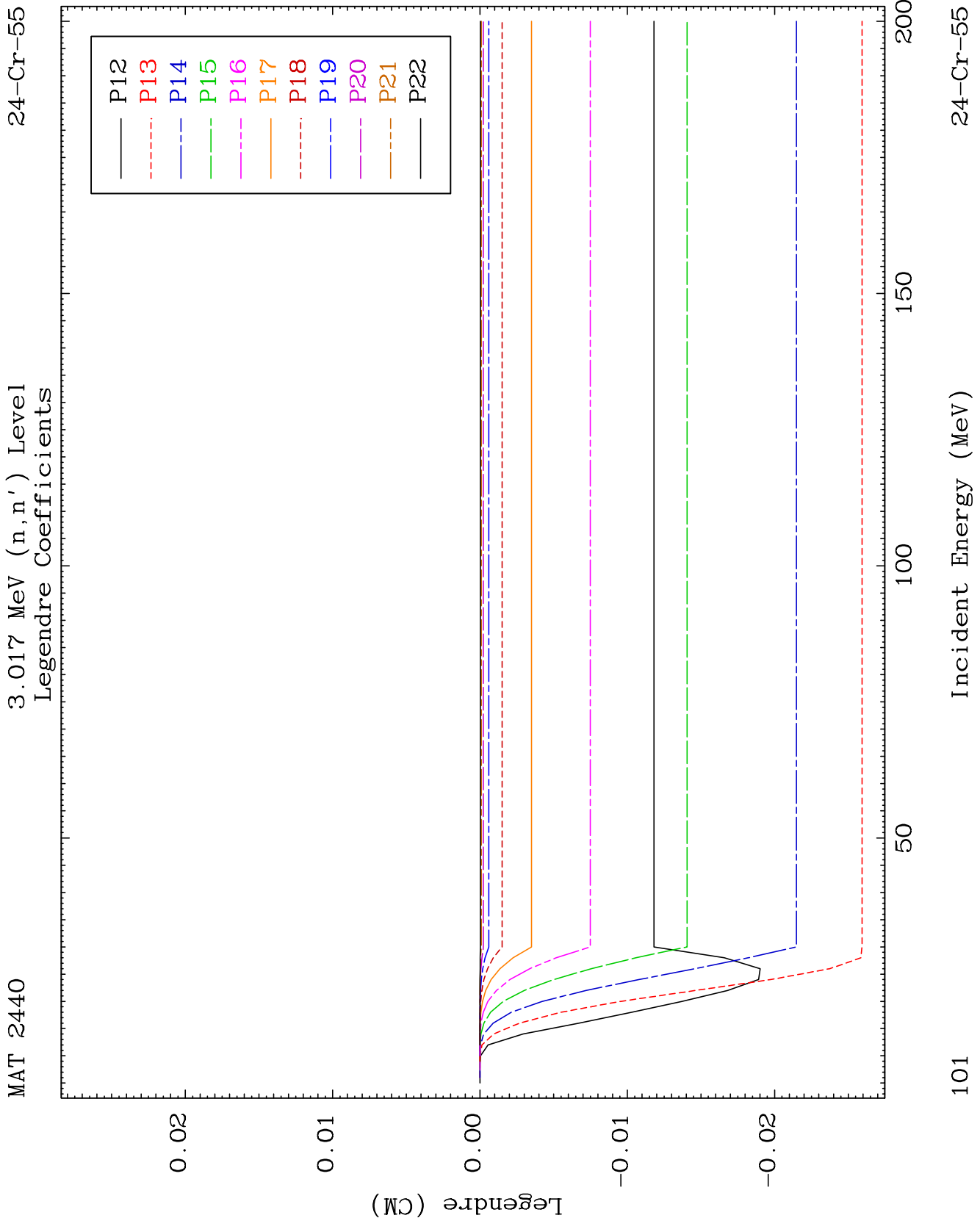


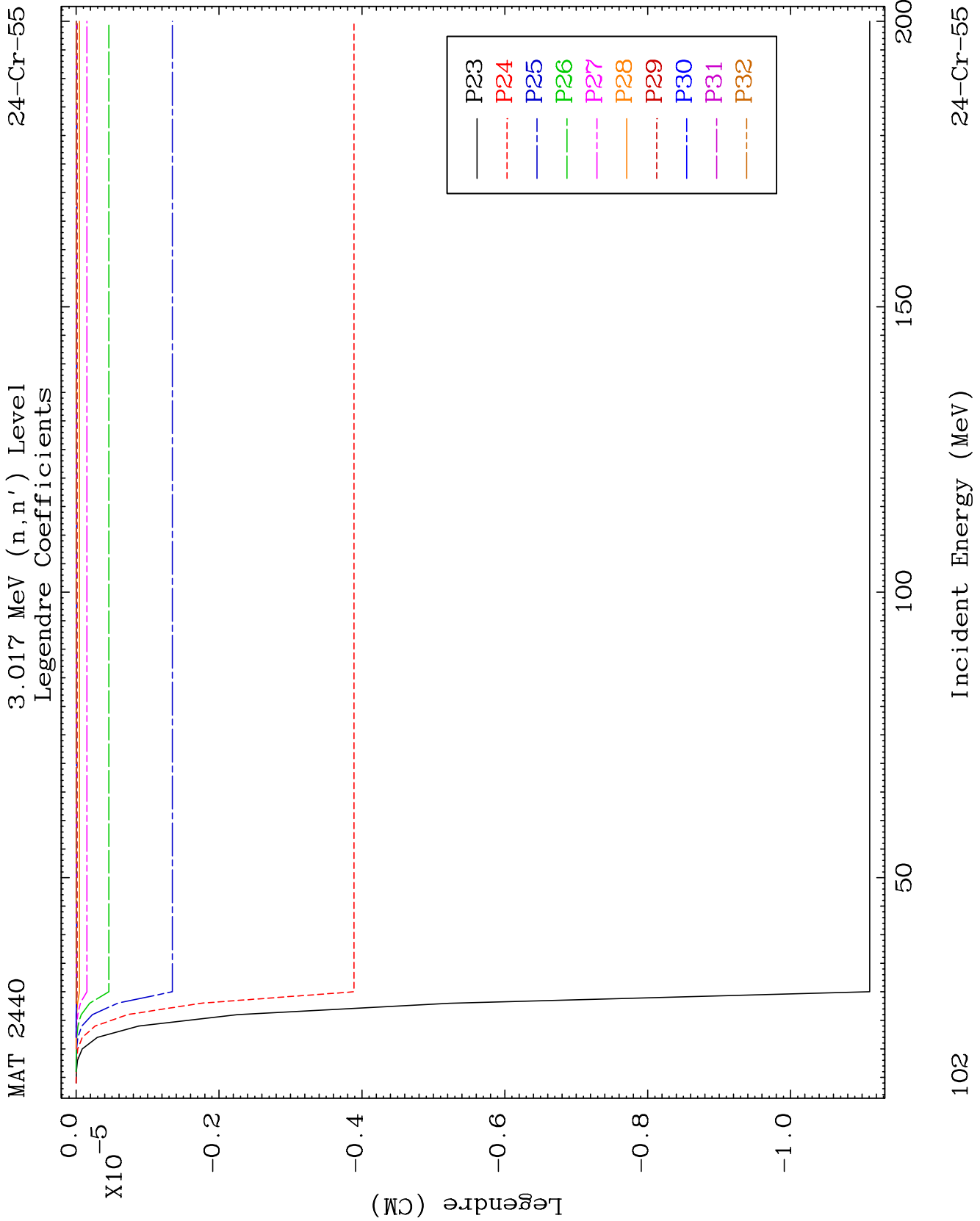
98

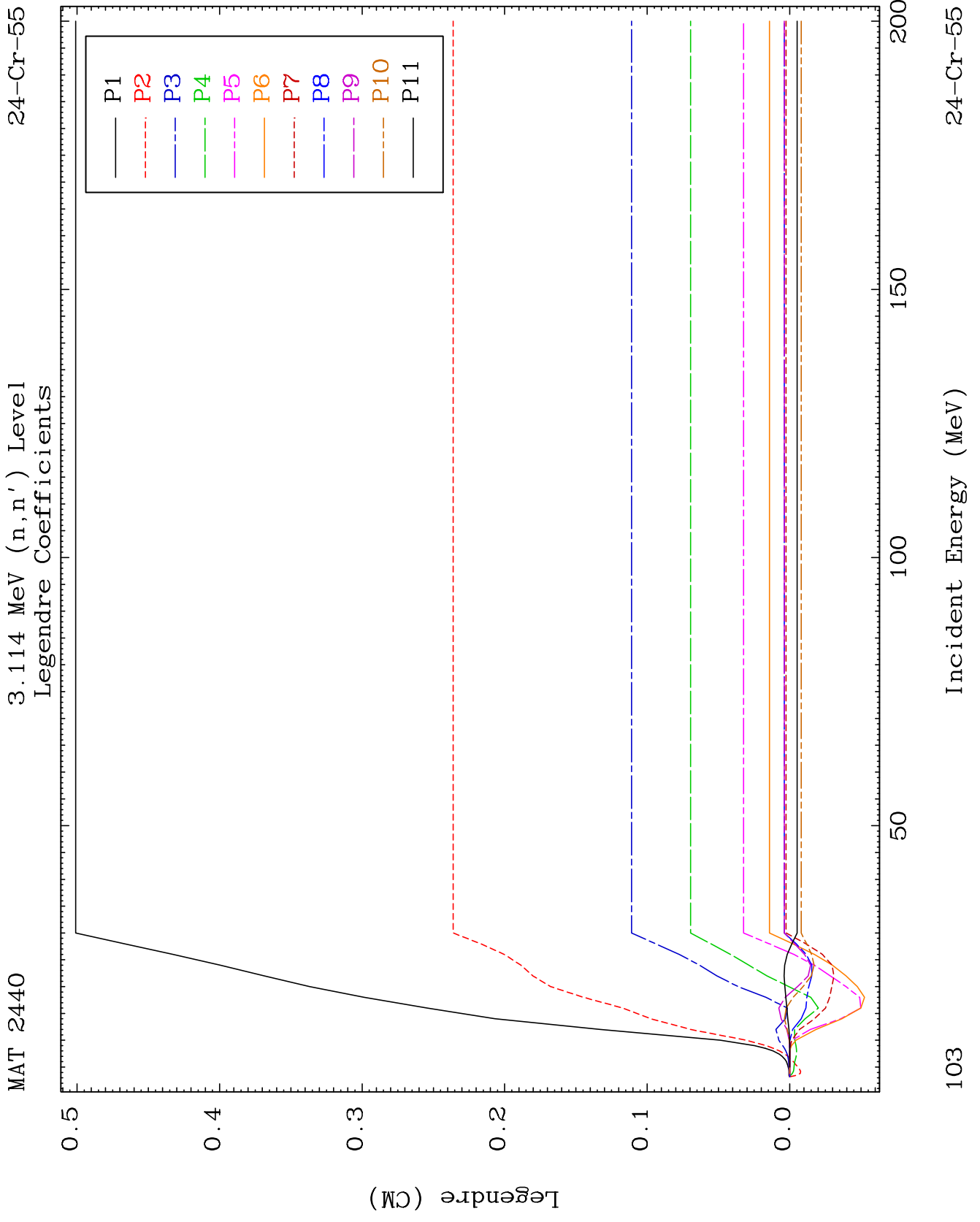
24-Cr-55

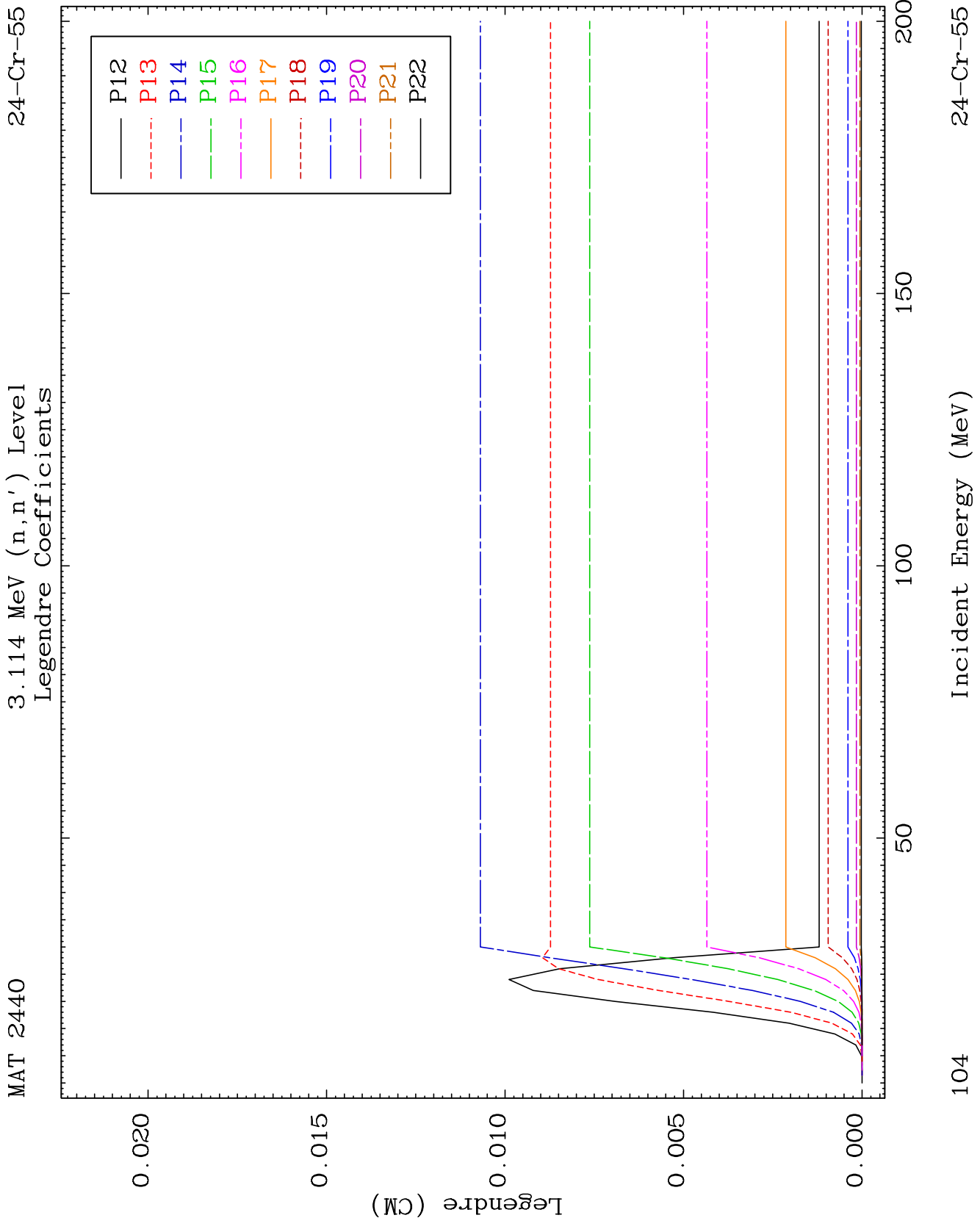


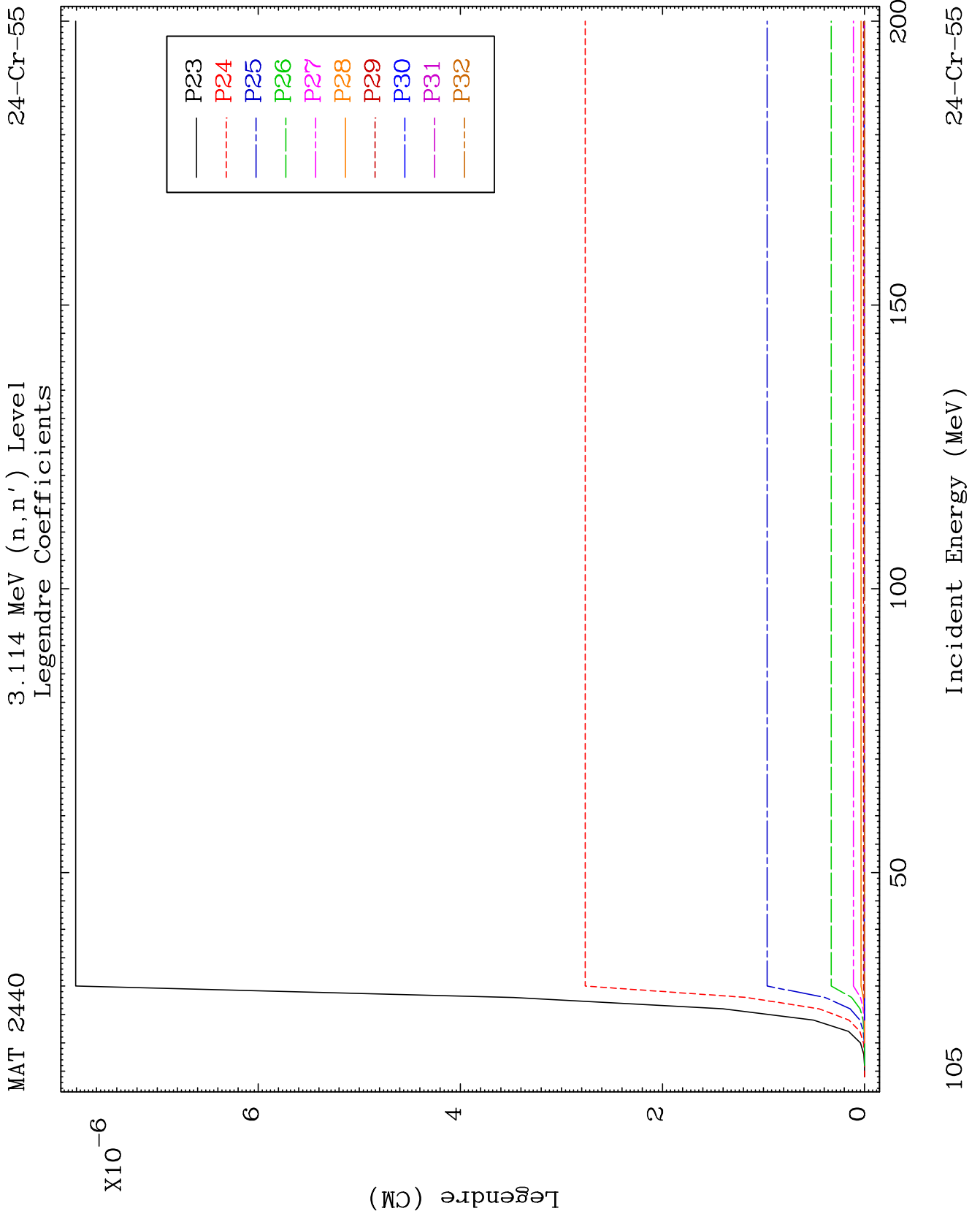








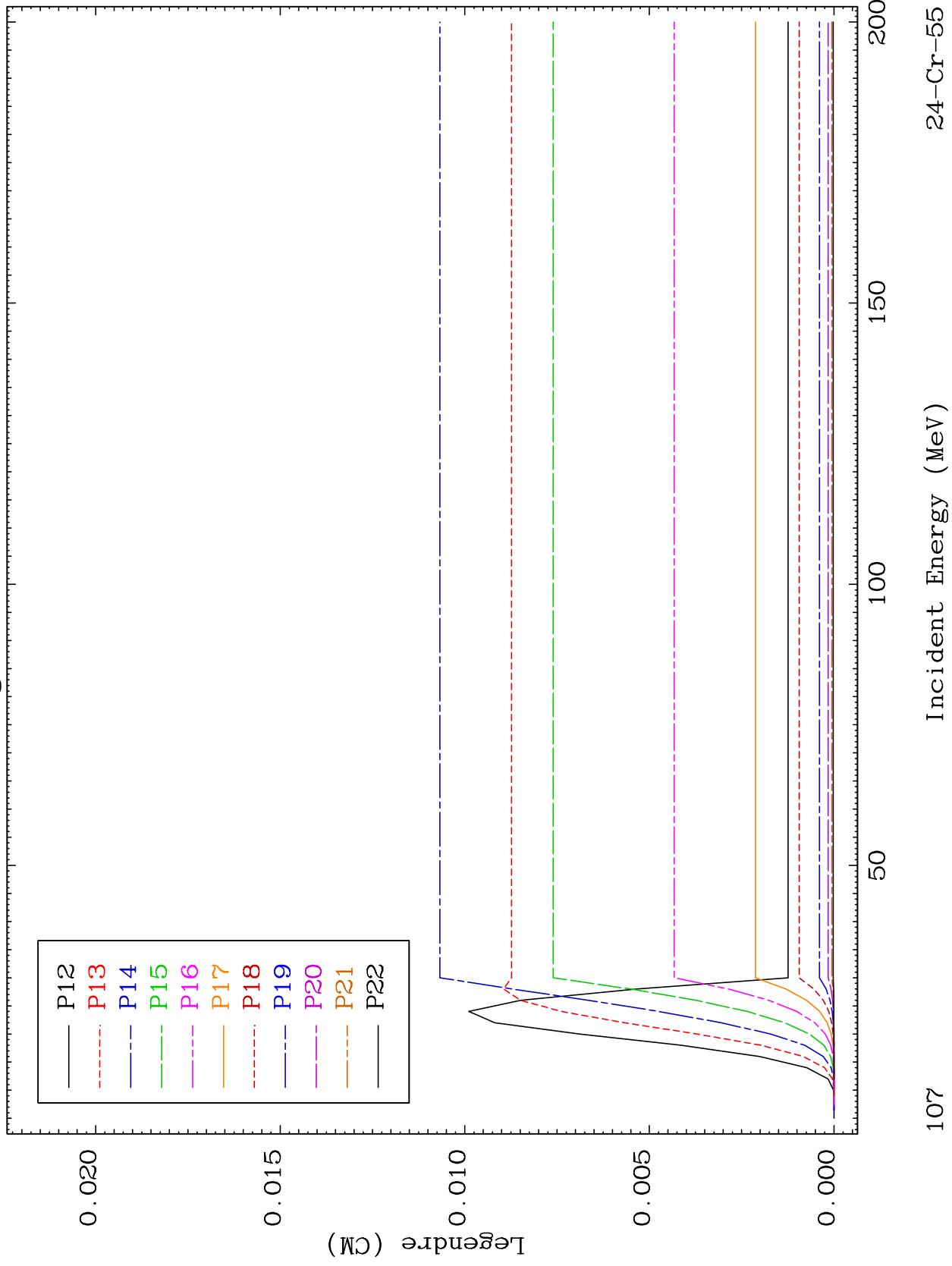




MAT 2440

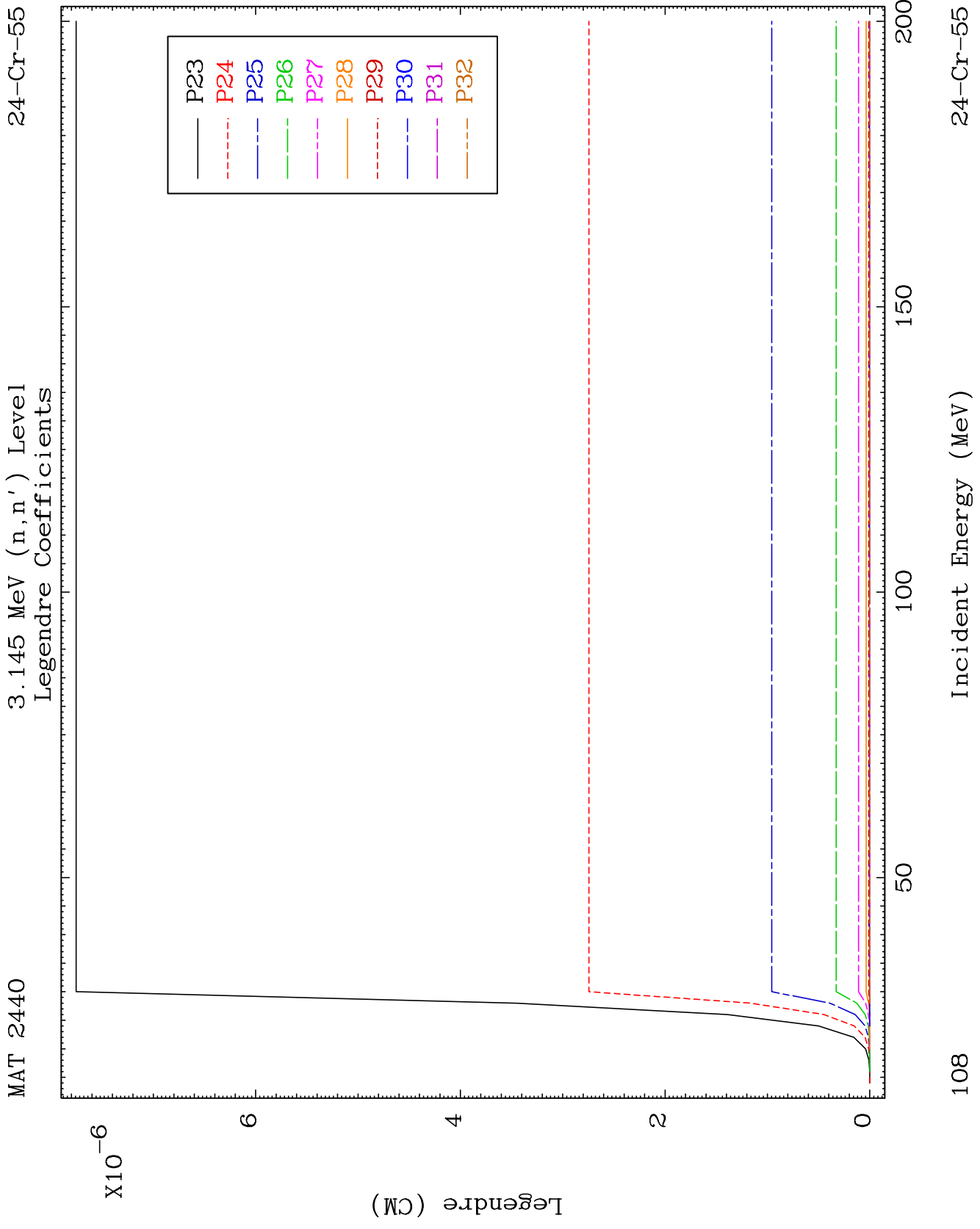
3.145 MeV (n,n') Level
Legendre Coefficients

24-Cr-55



107

24-Cr-55

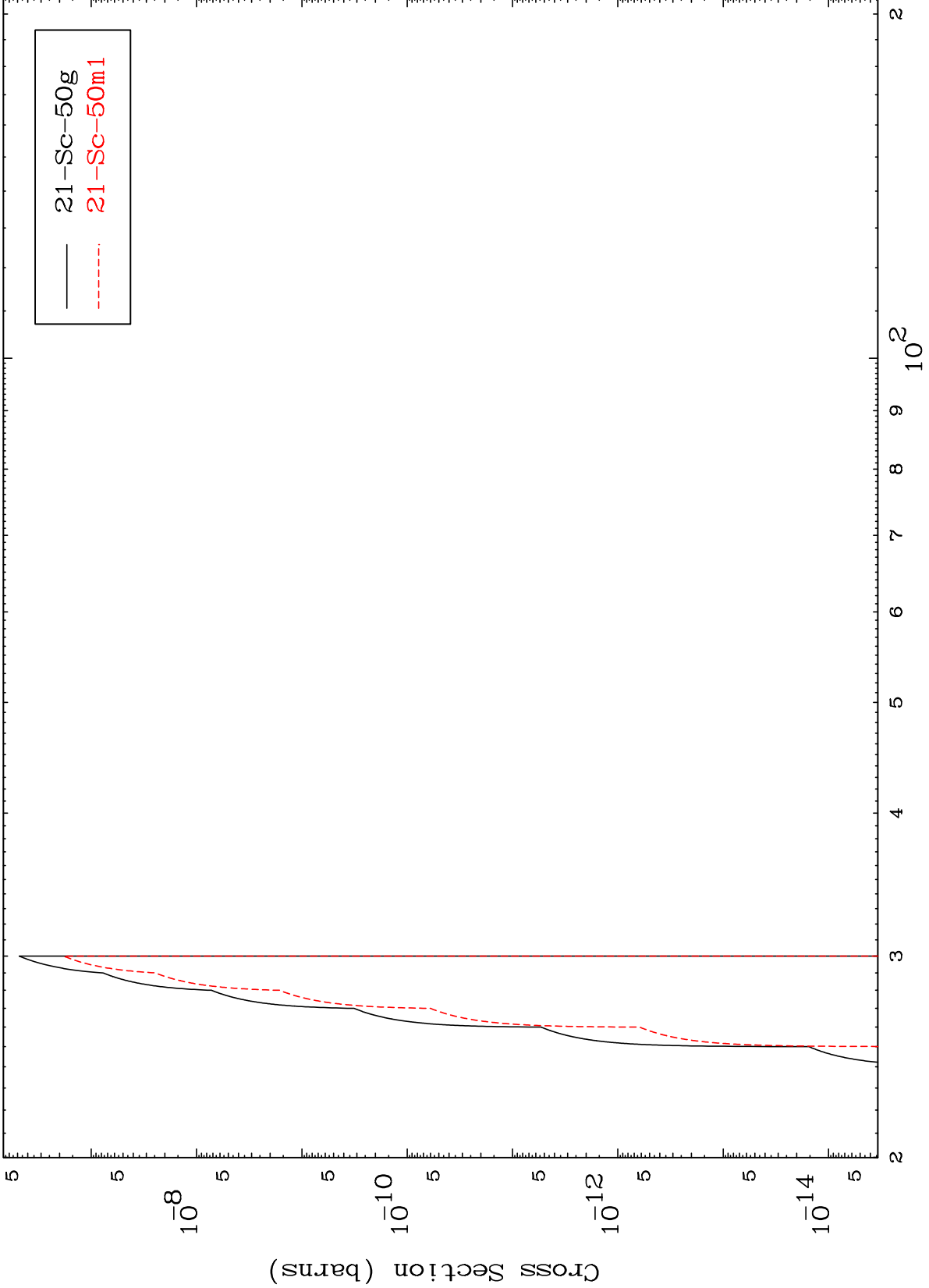


MAT 2440

(n,n') p α

24-Cr-55

Radionuclide Production Cross Section



109

Incident Energy (MeV)

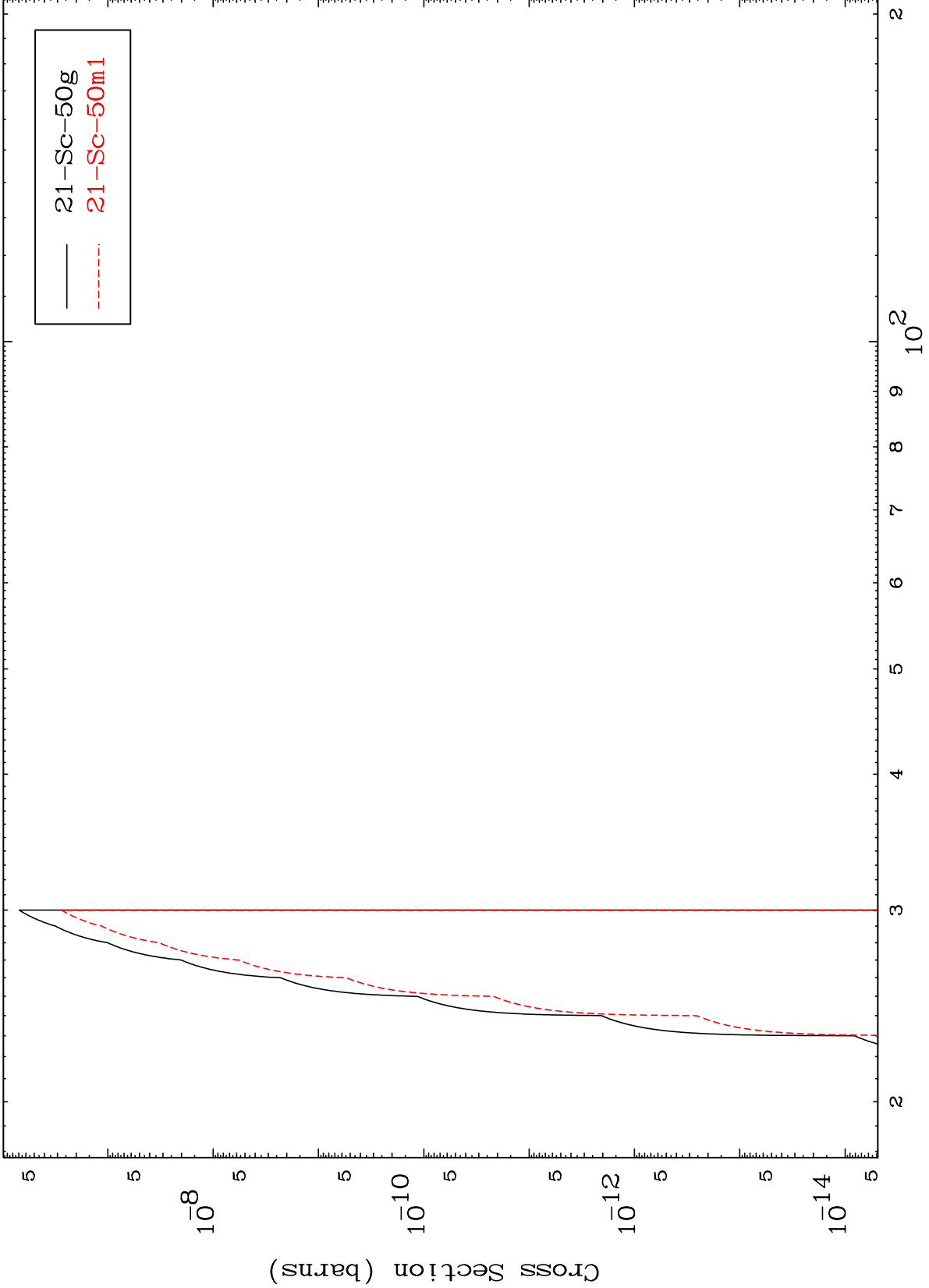
24-Cr-55

MAT 2440

(n,d) α

24-Cr-55

Radionuclide Production Cross Section



110

Incident Energy (MeV)

24-Cr-55