

Program EVALPLOT
(Version 2021-1)

by

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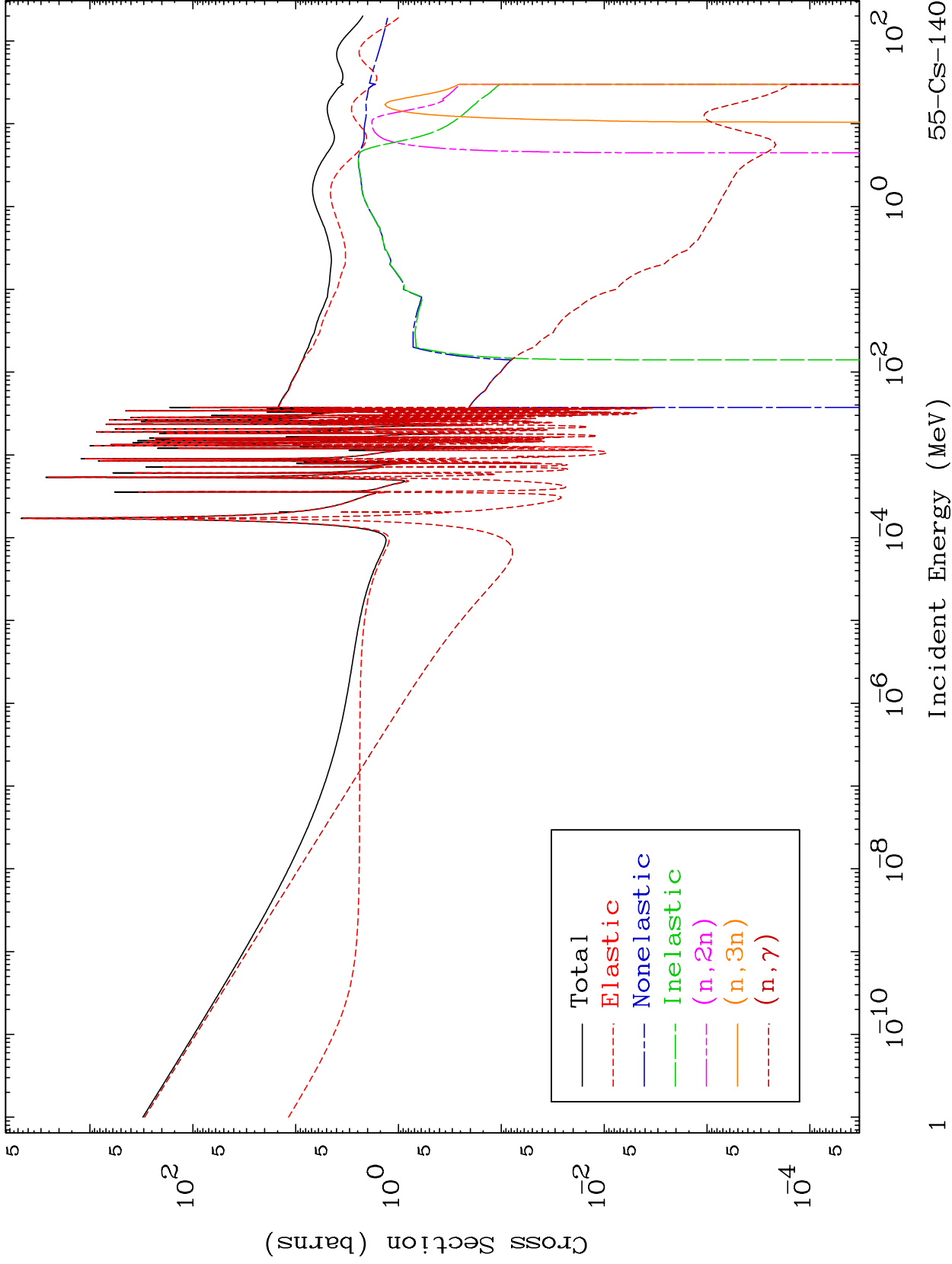
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Press Mouse Button to Start

MAT 5546

Neutron Major
293 Kelvin Cross Sections

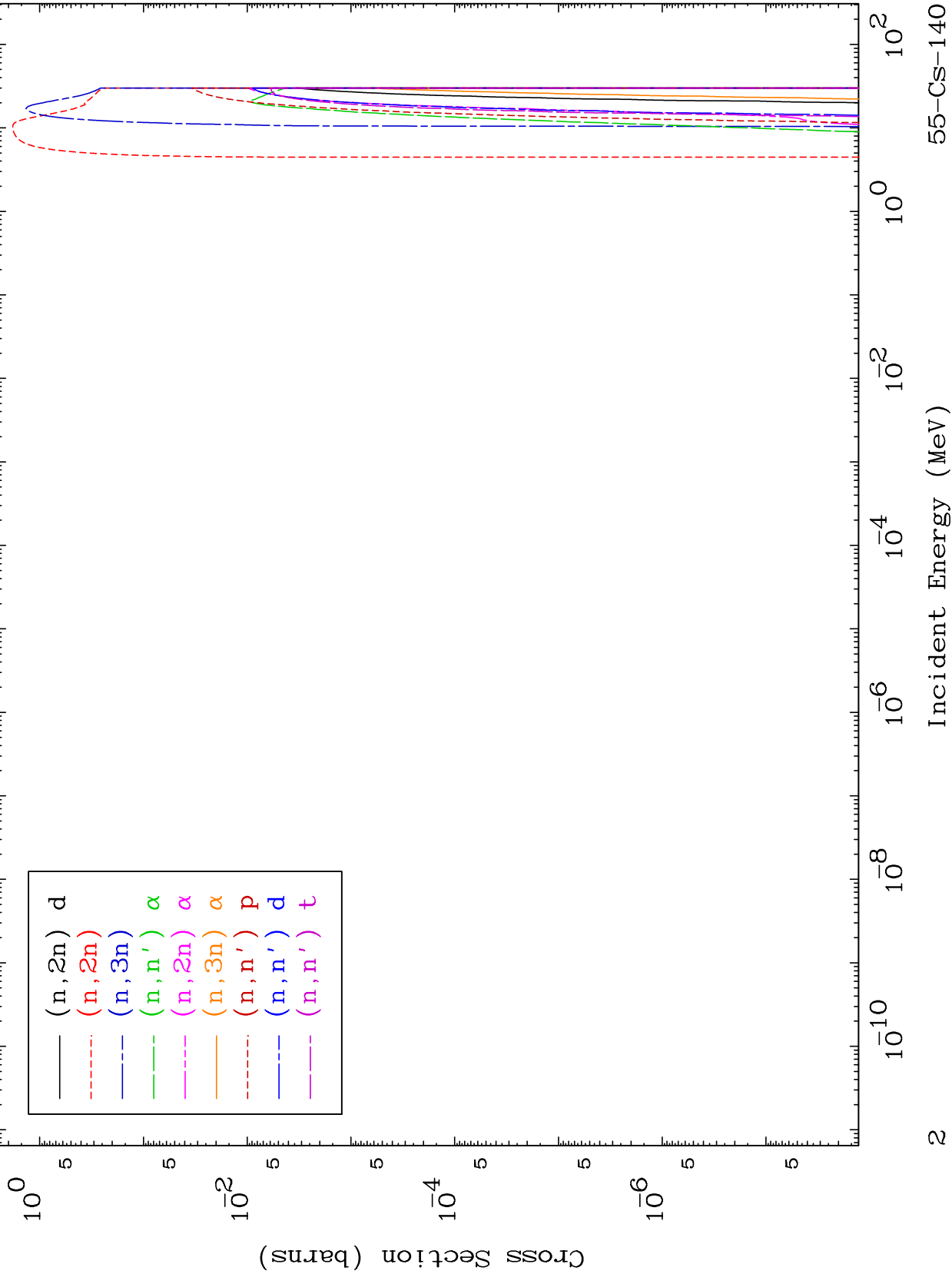
55-Cs-140



MAT 5546

Neutron Absorption
293 Kelvin Cross Sections

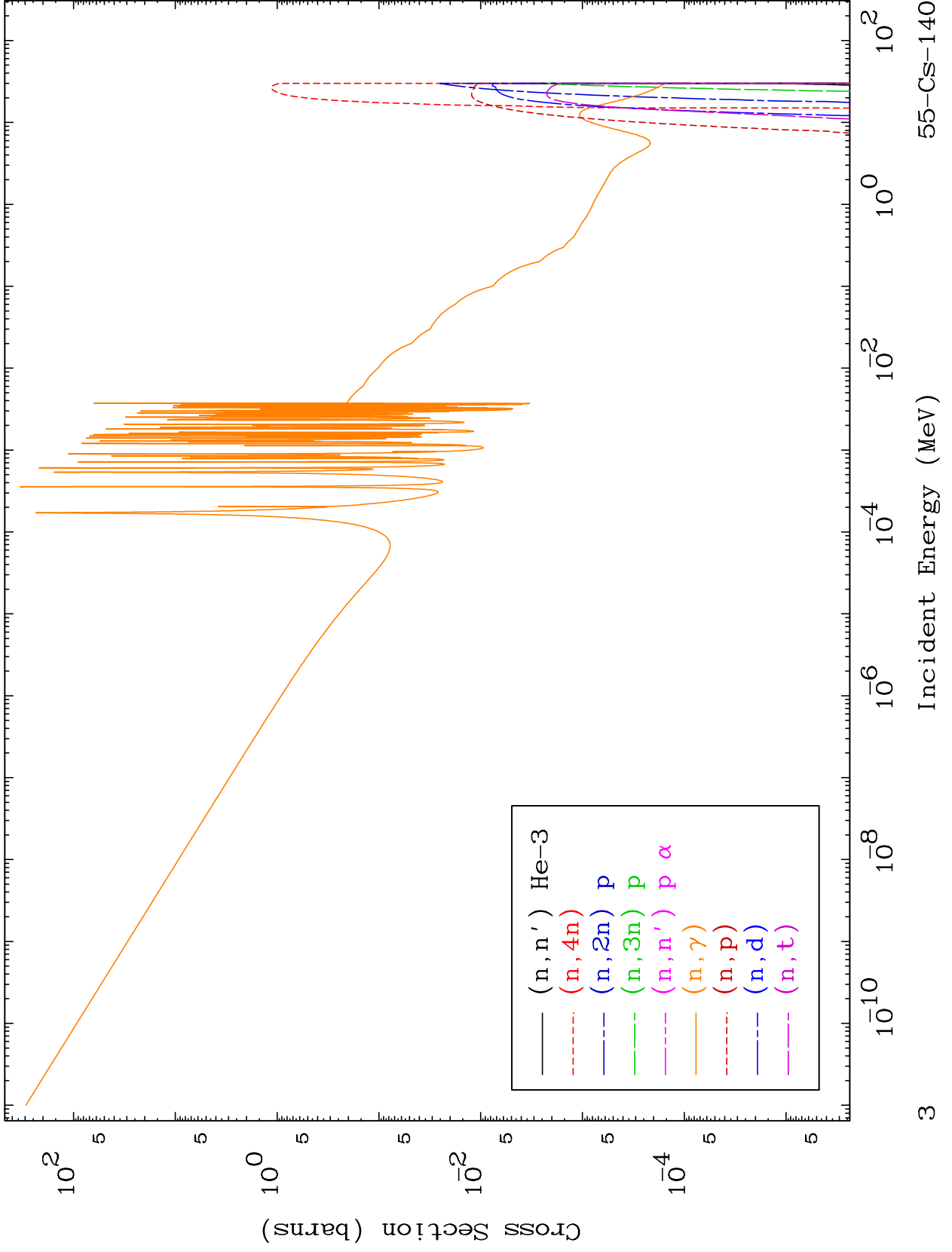
55-Cs-140



MAT 5546

Neutron Absorption
293 Kelvin Cross Sections

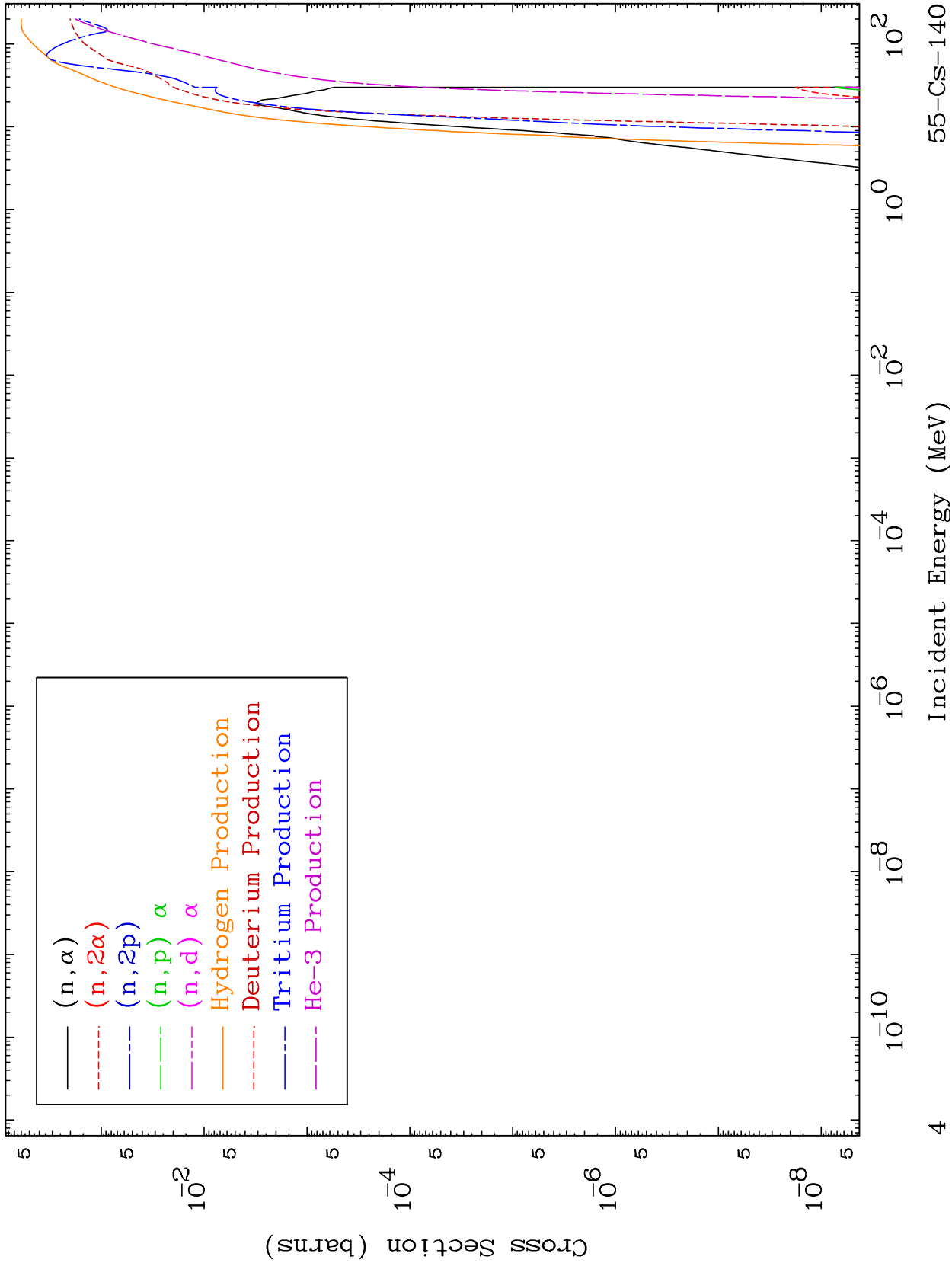
55-Cs-140



MAT 5546

Neutron Absorption
293 Kelvin Cross Sections

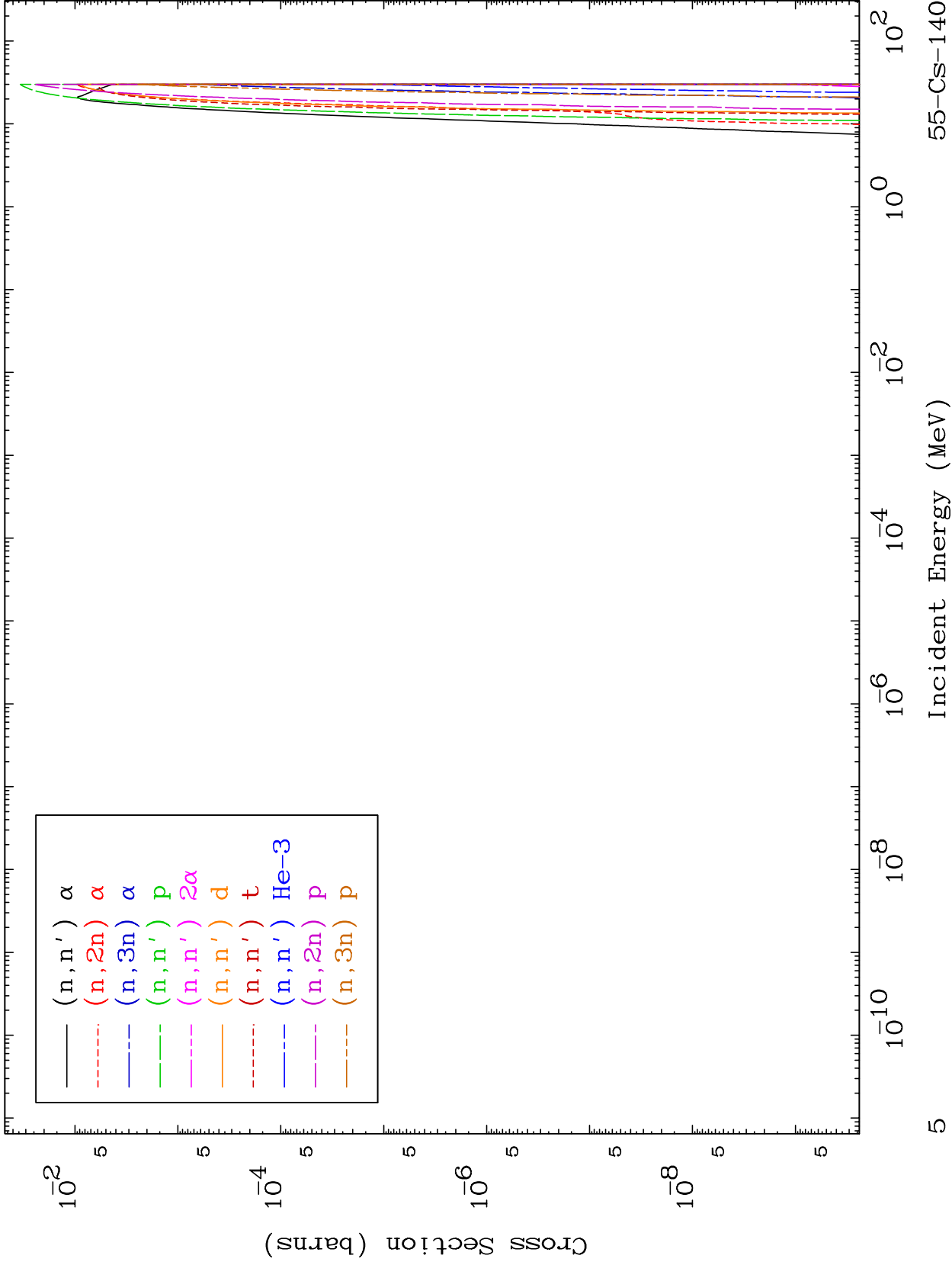
55-Cs-140



MAT 5546

Charged Particle
293 Kelvin Cross Sections

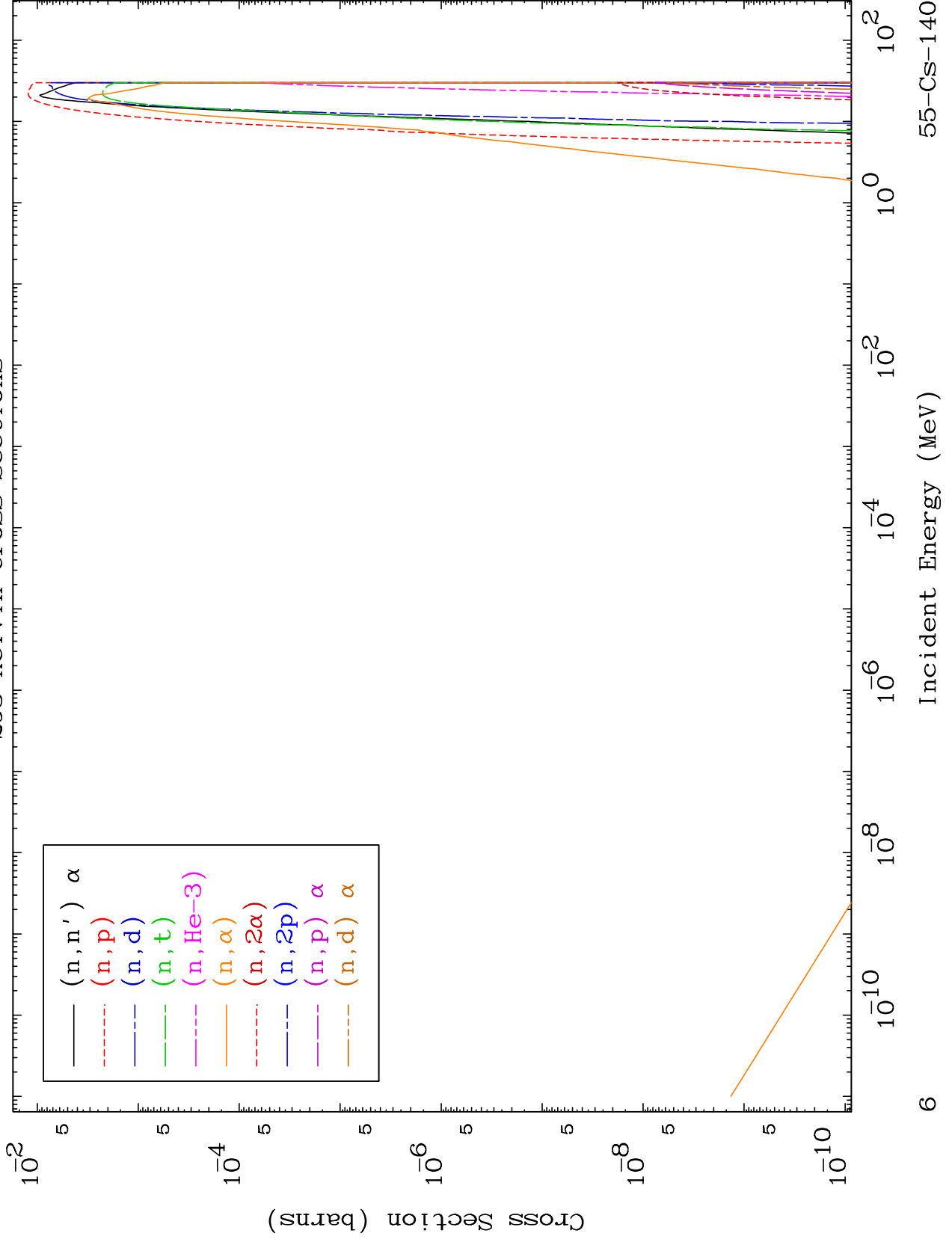
55-Cs-140



MAT 5546

Charged Particle
293 Kelvin Cross Sections

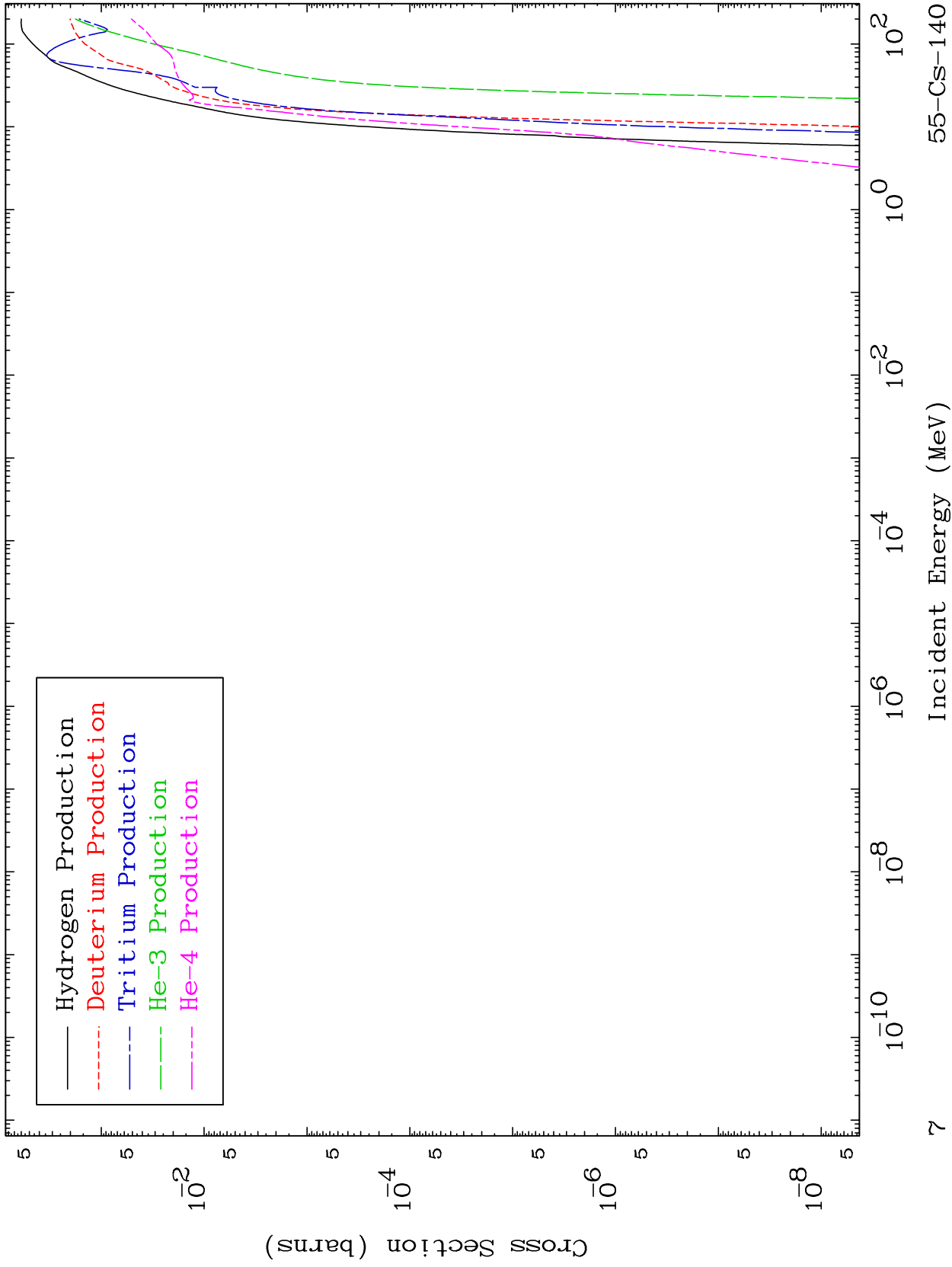
55-Cs-140



MAT 5546

Particle Production
293 Kelvin Cross Sections

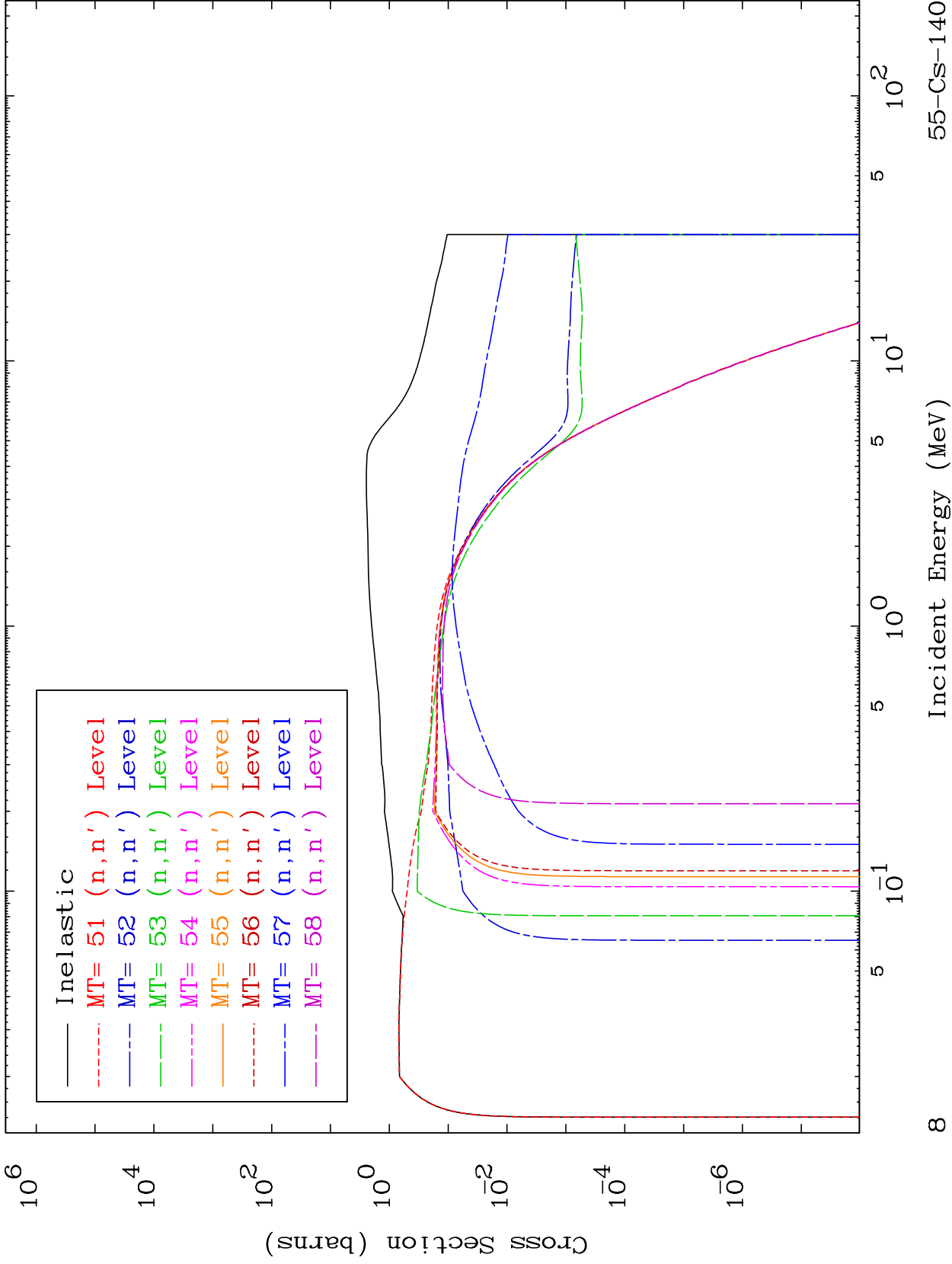
55-Cs-140



MAT 5546

(n,n') Levels
293 Kelvin Cross Sections

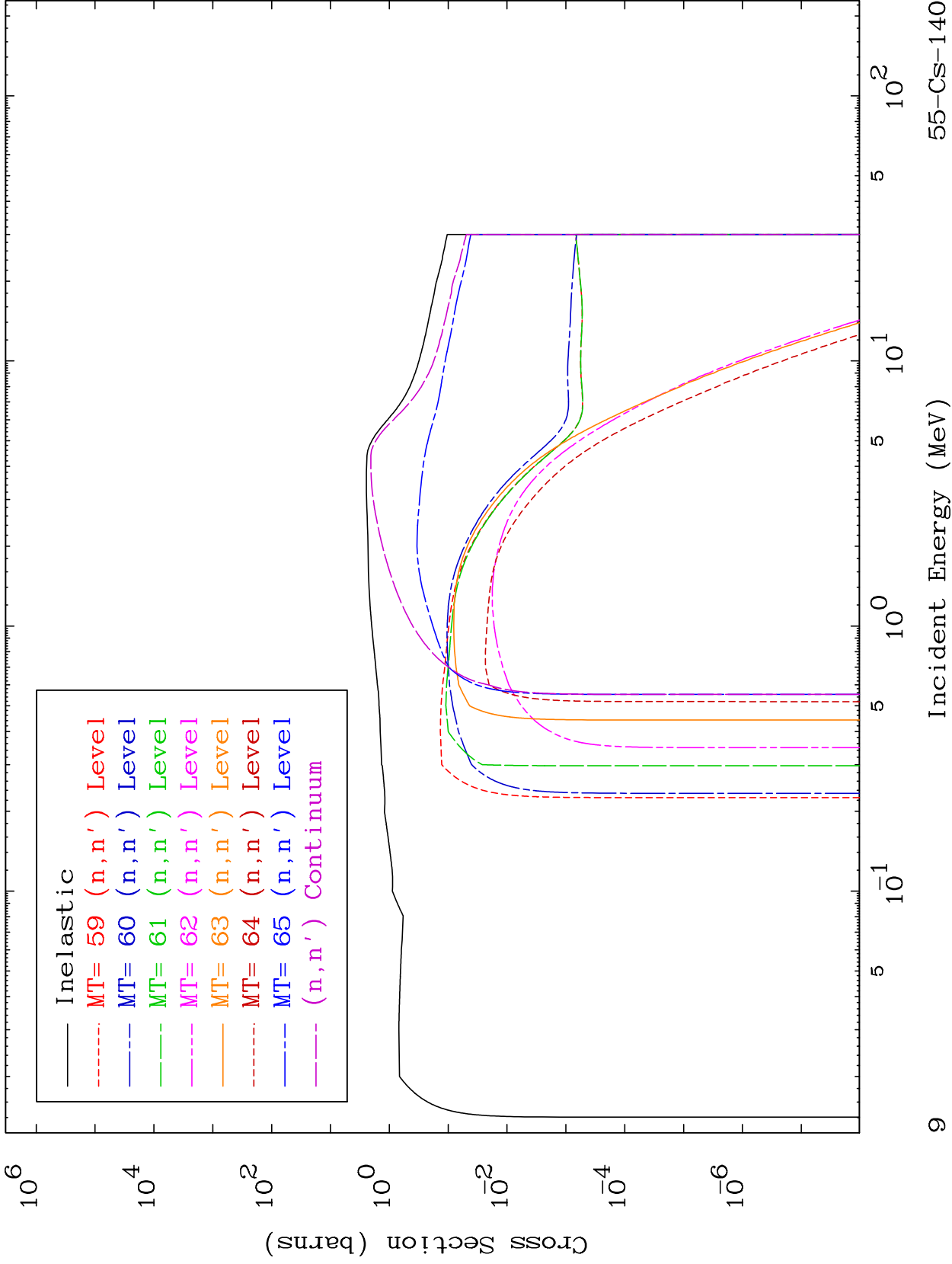
55-Cs-140



MAT 5546

(n,n') Levels
293 Kelvin Cross Sections

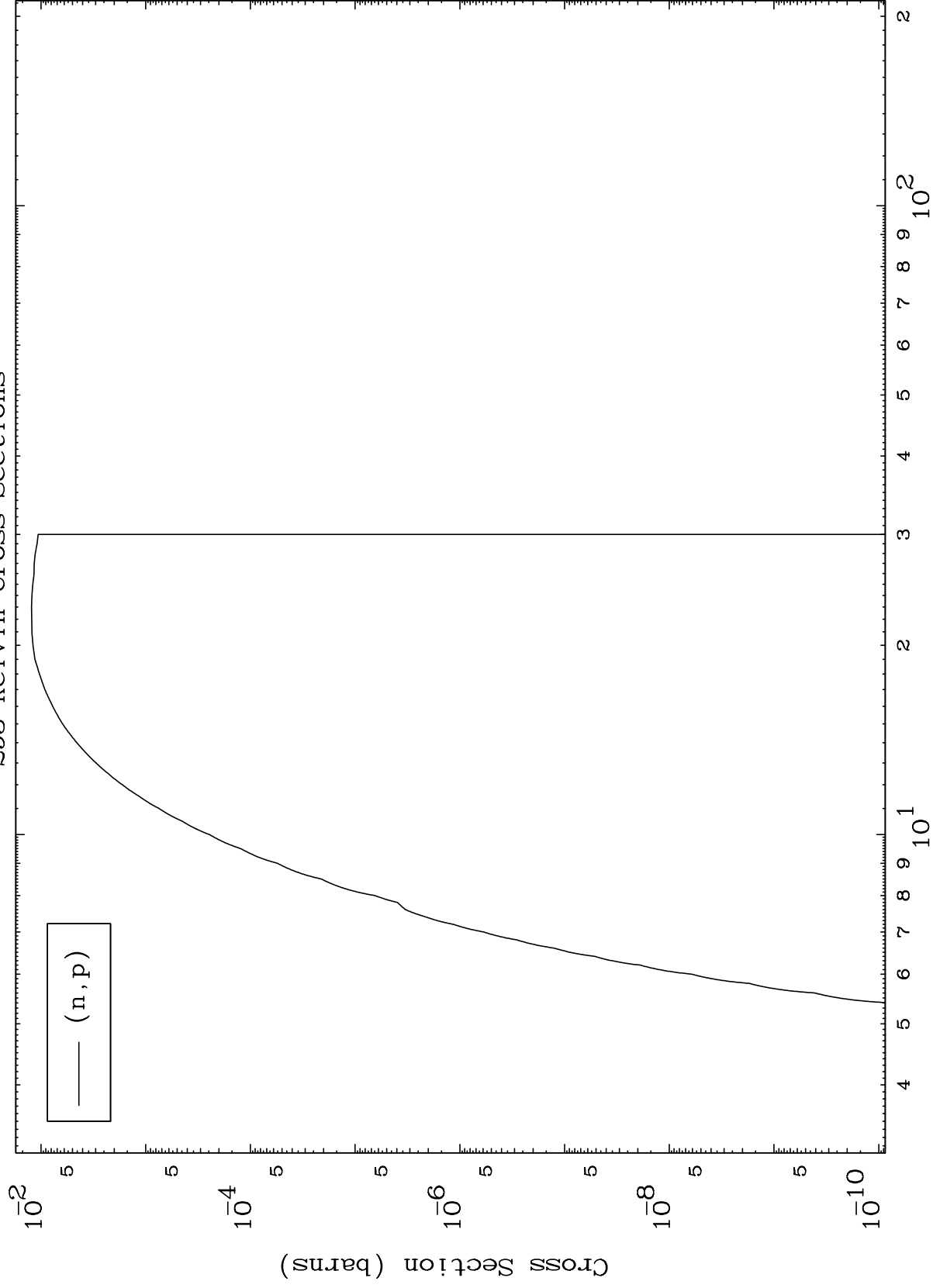
55-Cs-140



MAT 5546

(n,p) Levels
293 Kelvin Cross Sections

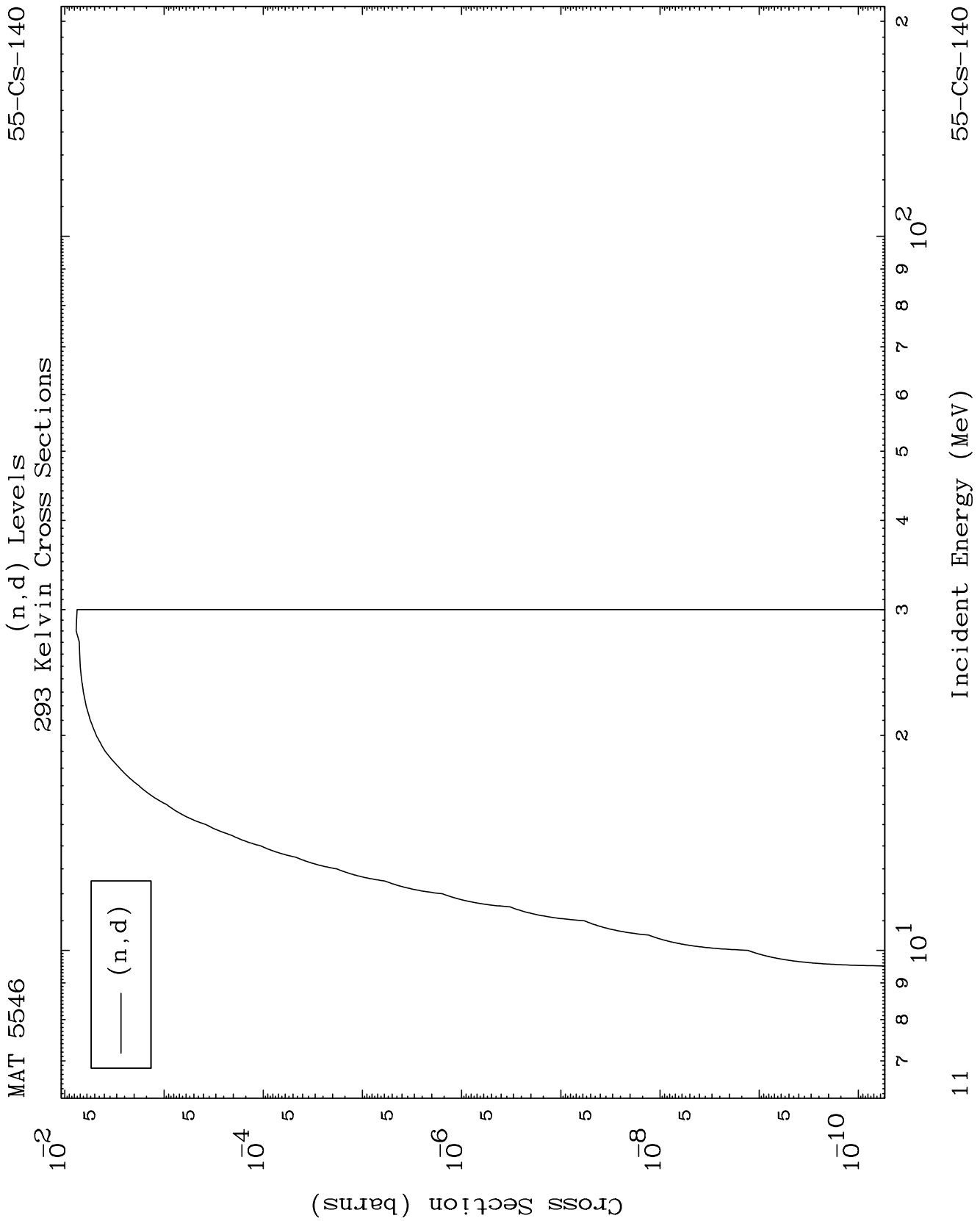
55-Cs-140



10

Incident Energy (MeV)

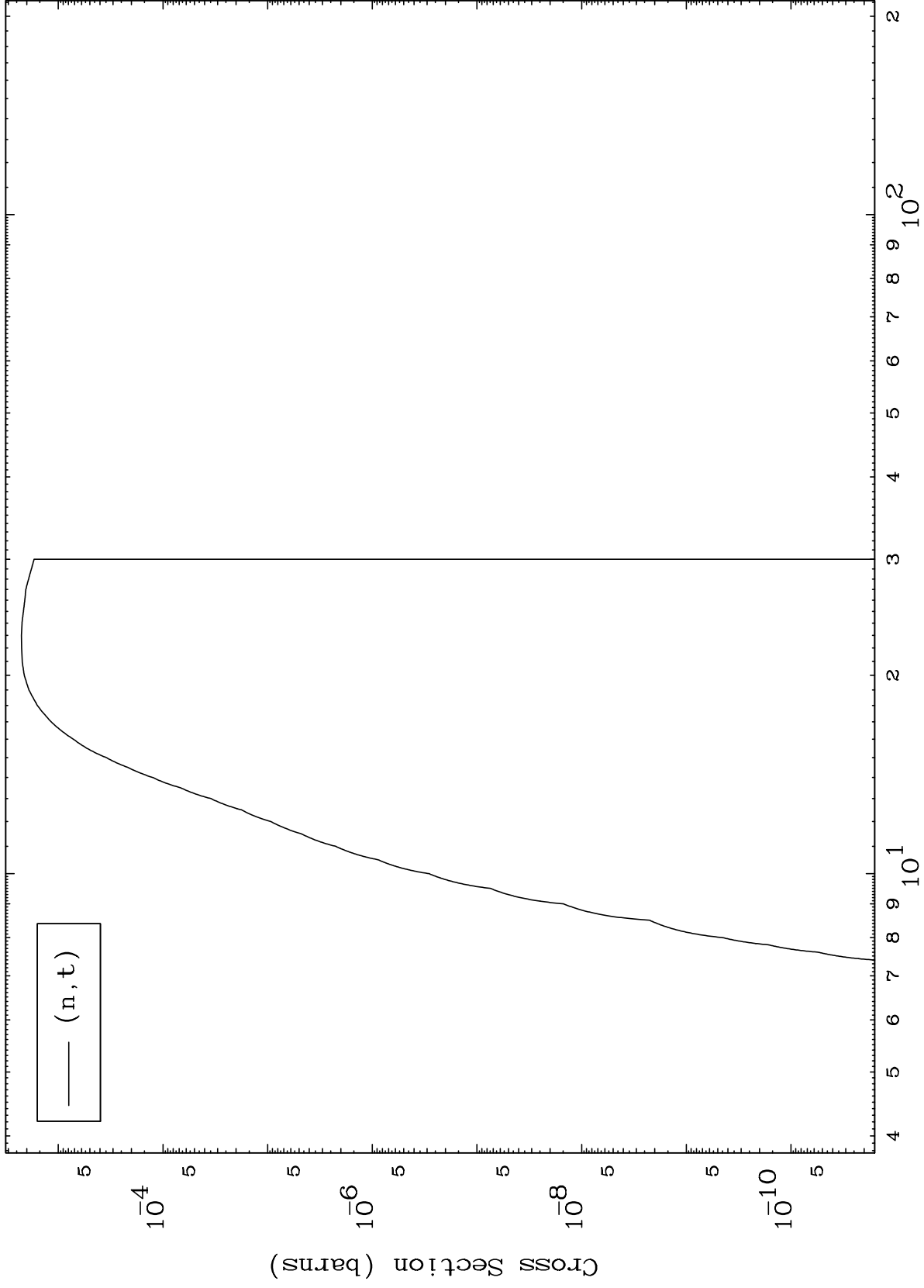
55-Cs-140



MAT 5546

(n,t) Levels
293 Kelvin Cross Sections

55-Cs-140



12

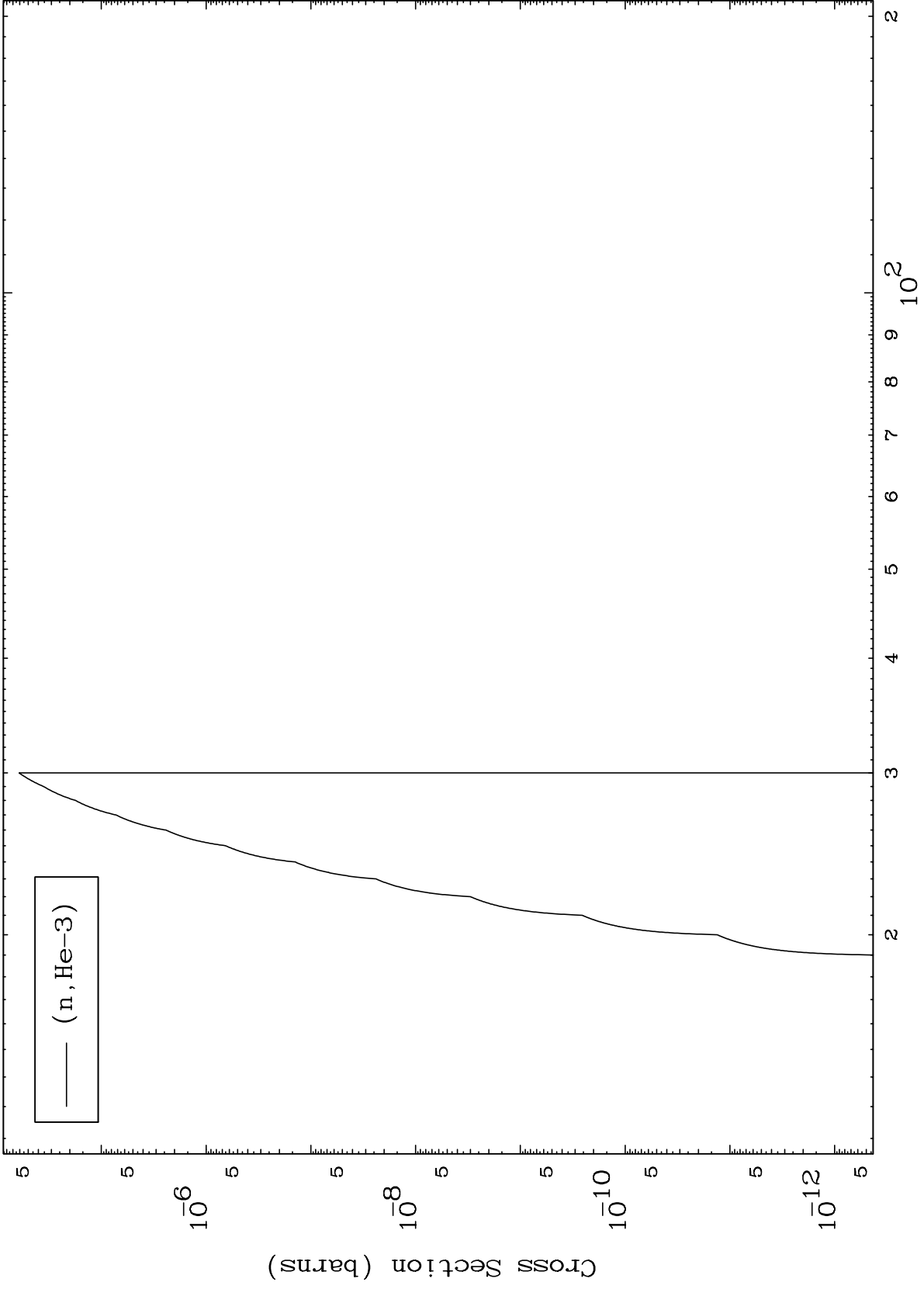
Incident Energy (MeV)

55-Cs-140

MAT 5546

(n,He3) Levels
293 Kelvin Cross Sections

55-Cs-140



13

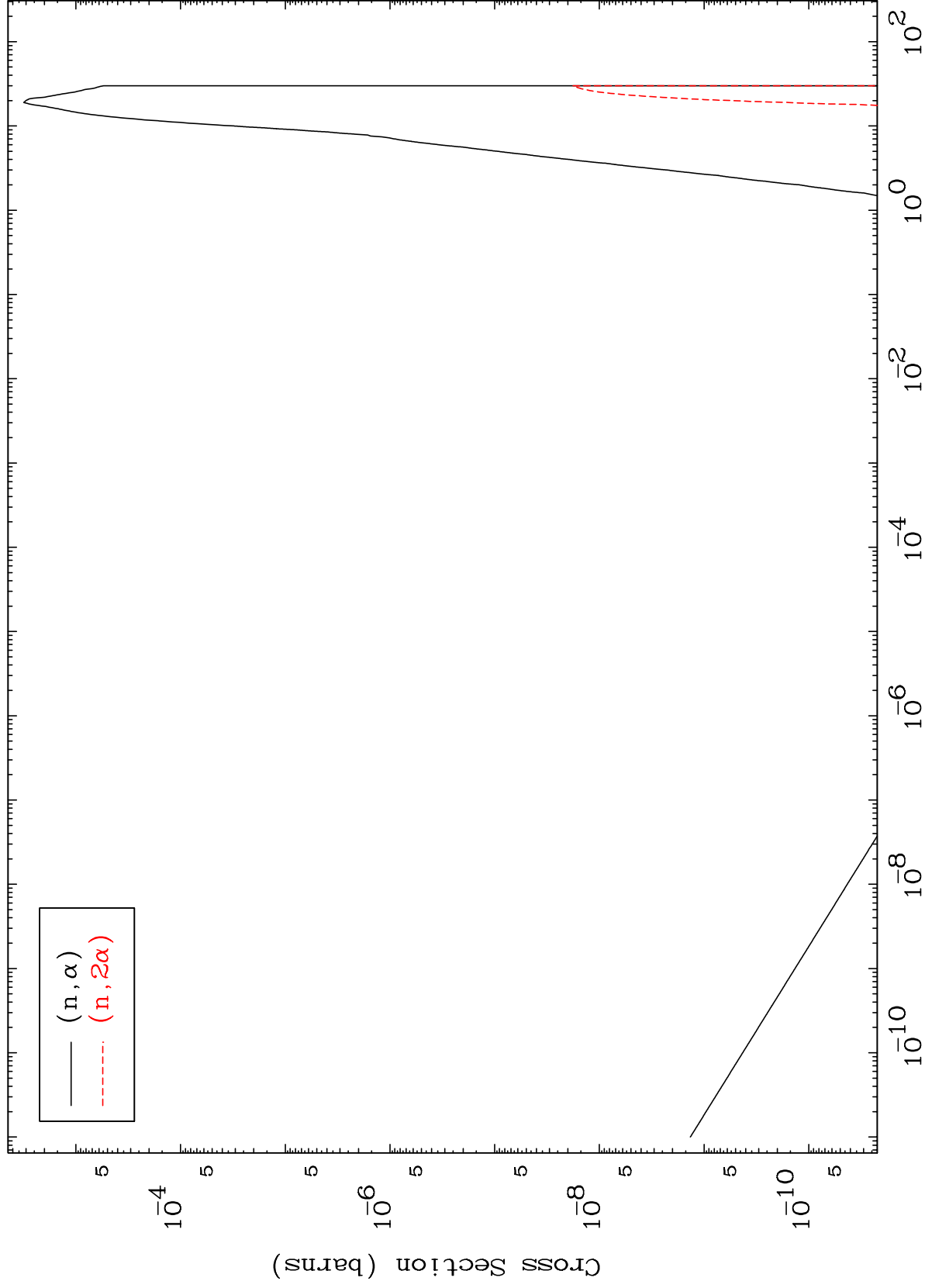
Incident Energy (MeV)

55-Cs-140

MAT 5546

(n, α) Levels
293 Kelvin Cross Sections

55-Cs-140



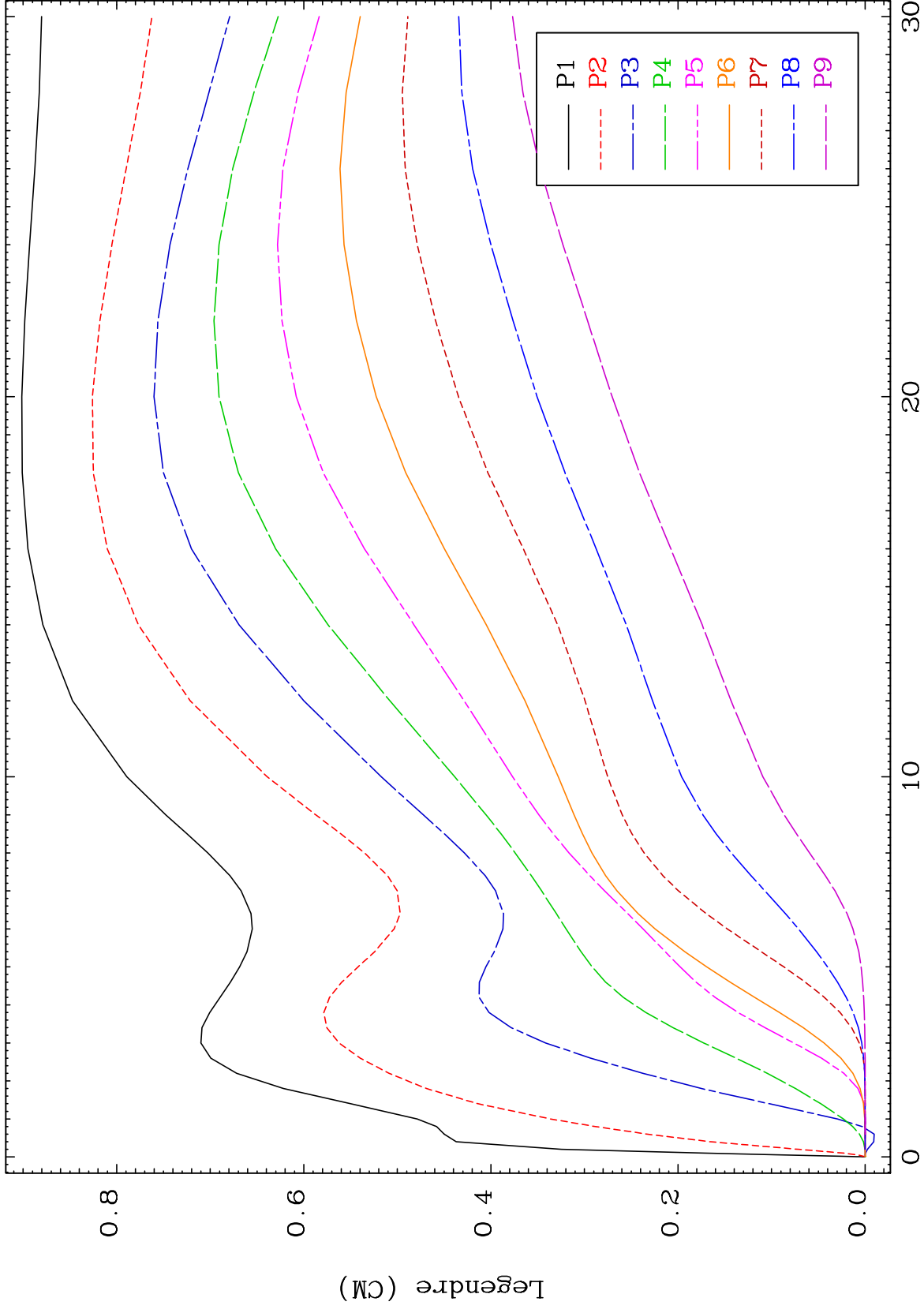
14

55-Cs-140

MAT 5546

Elastic Legendre Coefficients

55-Cs-140



0

15

Incident Energy (MeV)

10

20

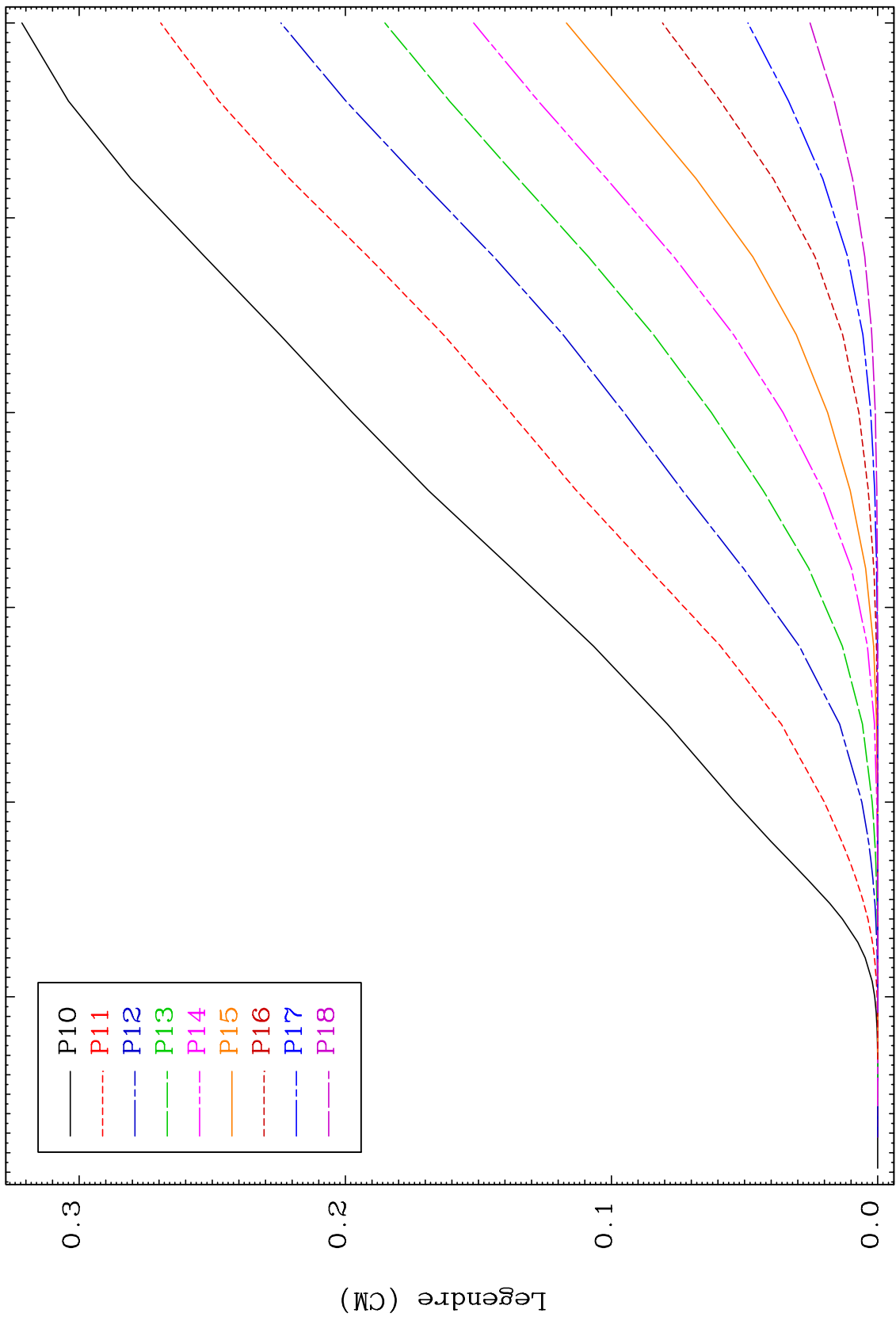
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55-Cs-140

MAT 5546

Elastic Legendre Coefficients

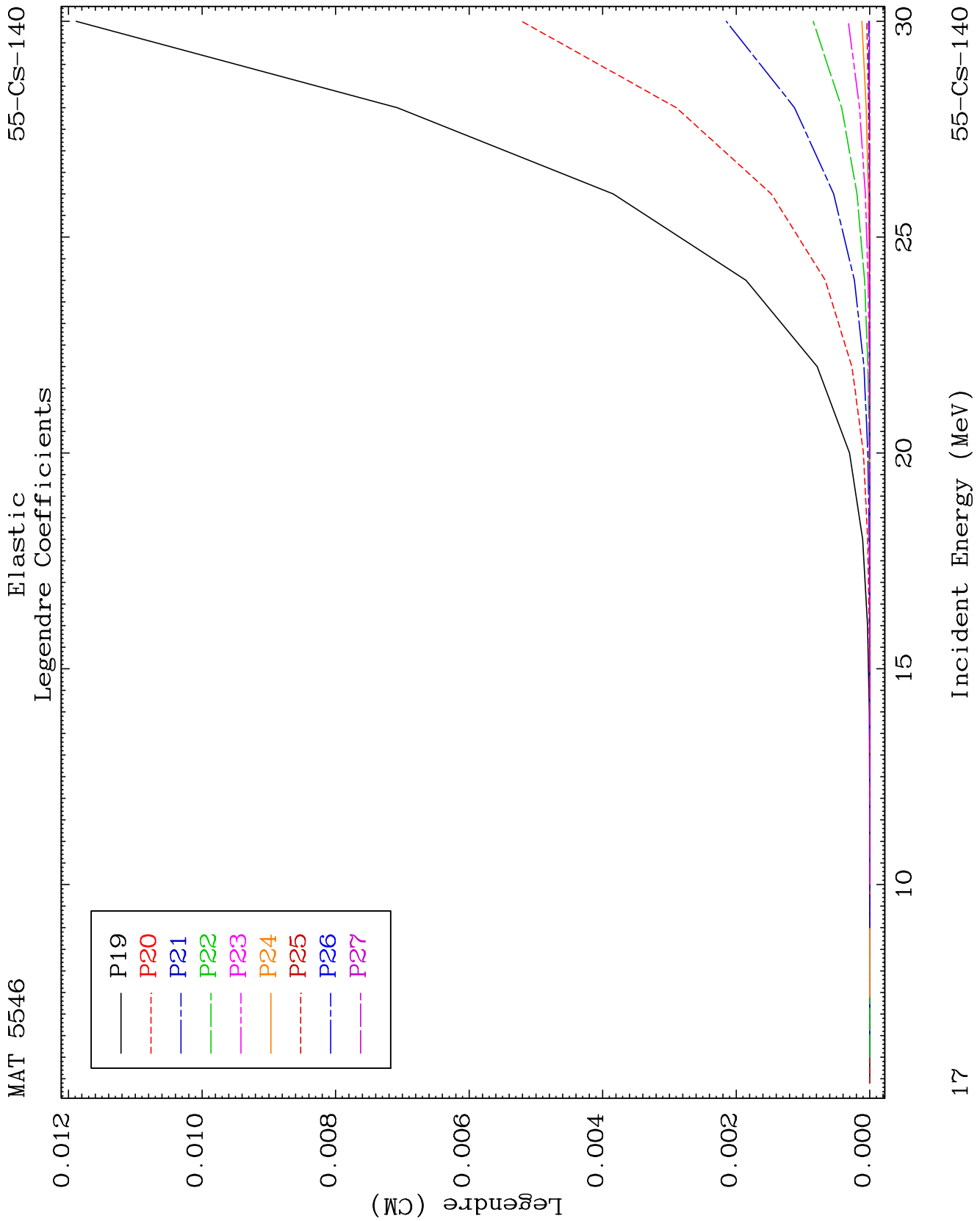
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Incident Energy (MeV)

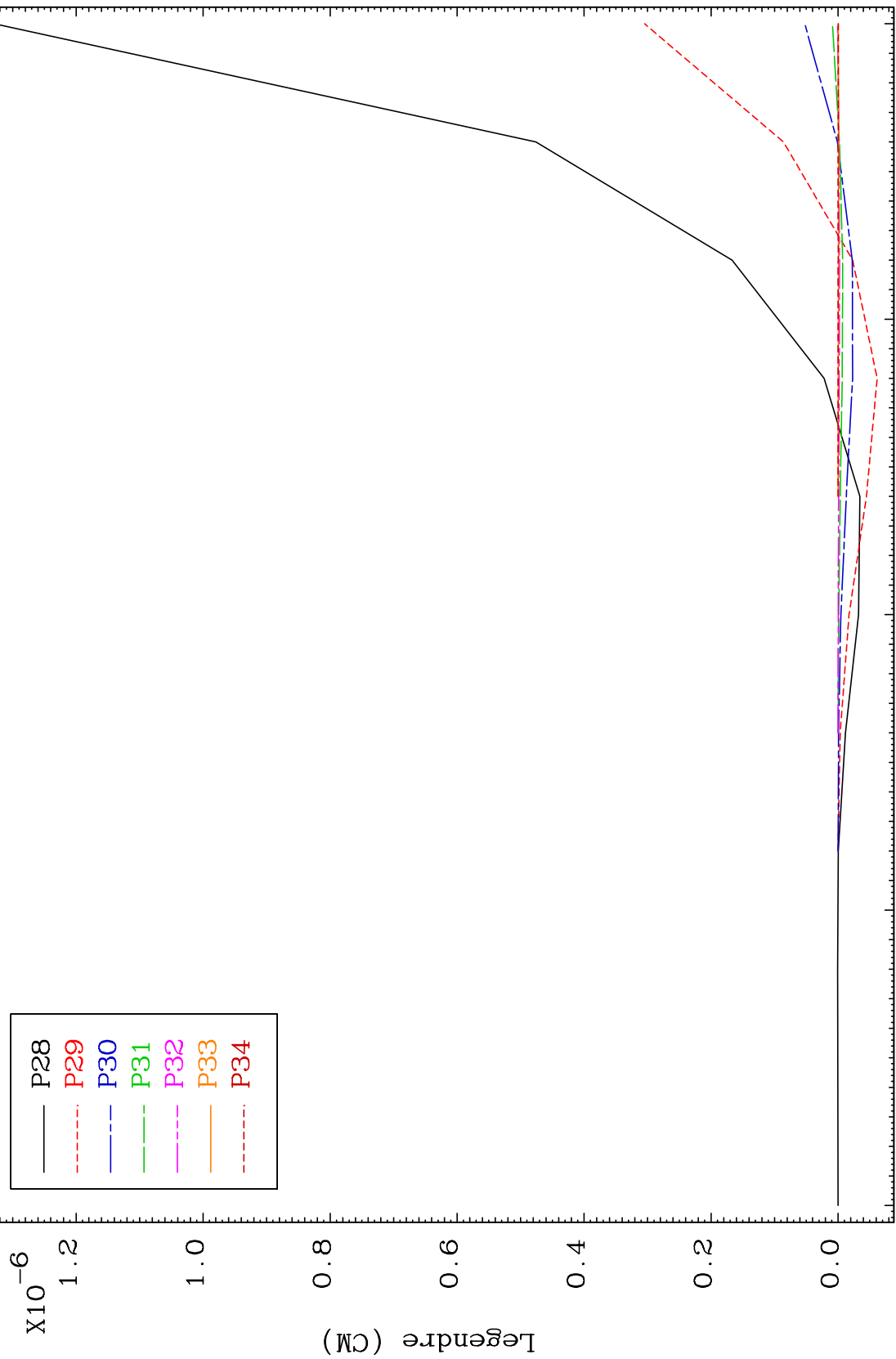
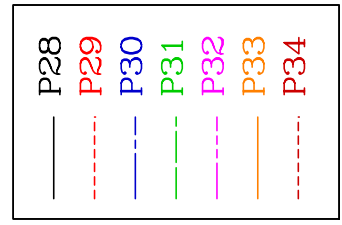
55-Cs-140



MAT 5546

Elastic Legendre Coefficients

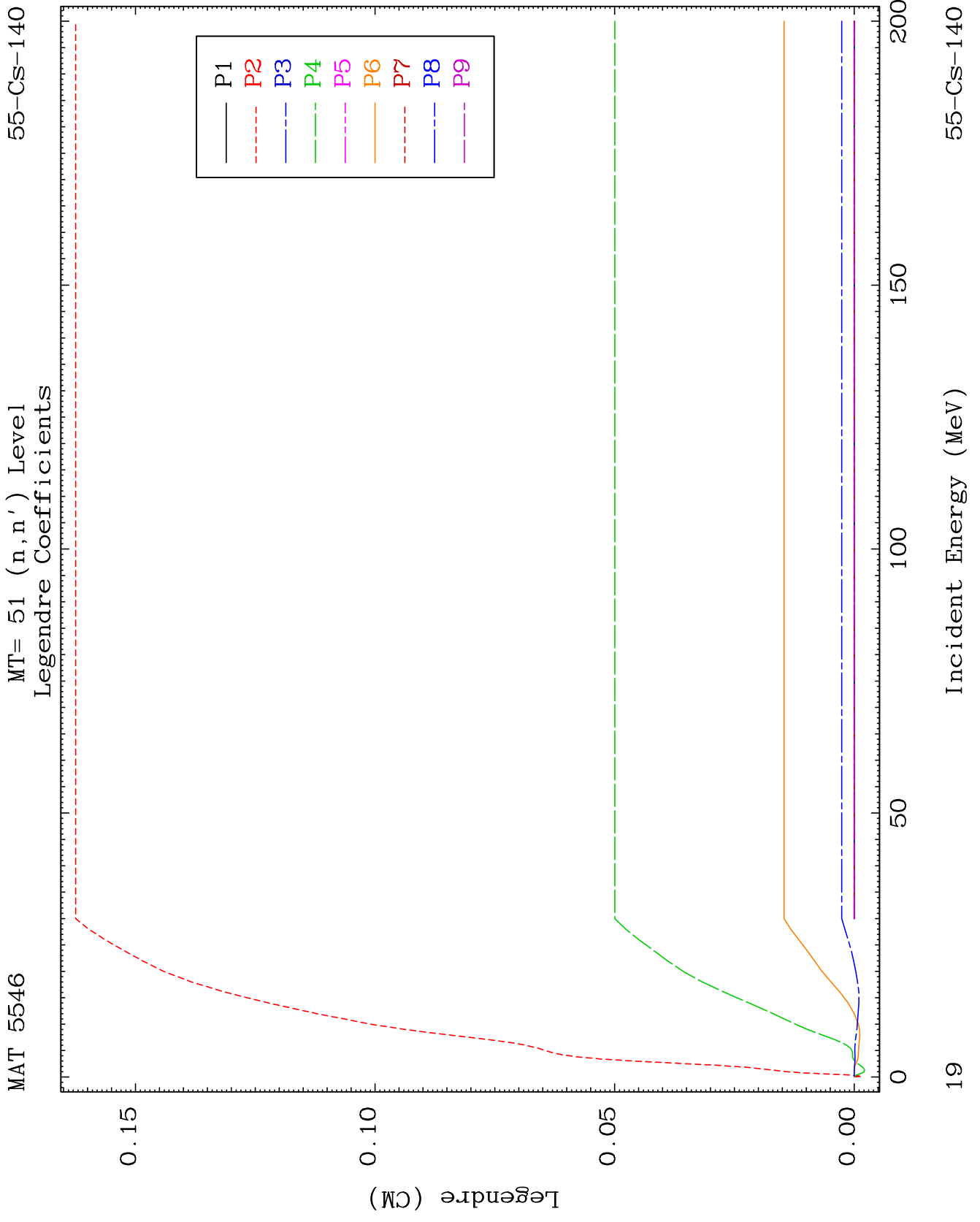
55-Cs-140



18

Incident Energy (MeV)

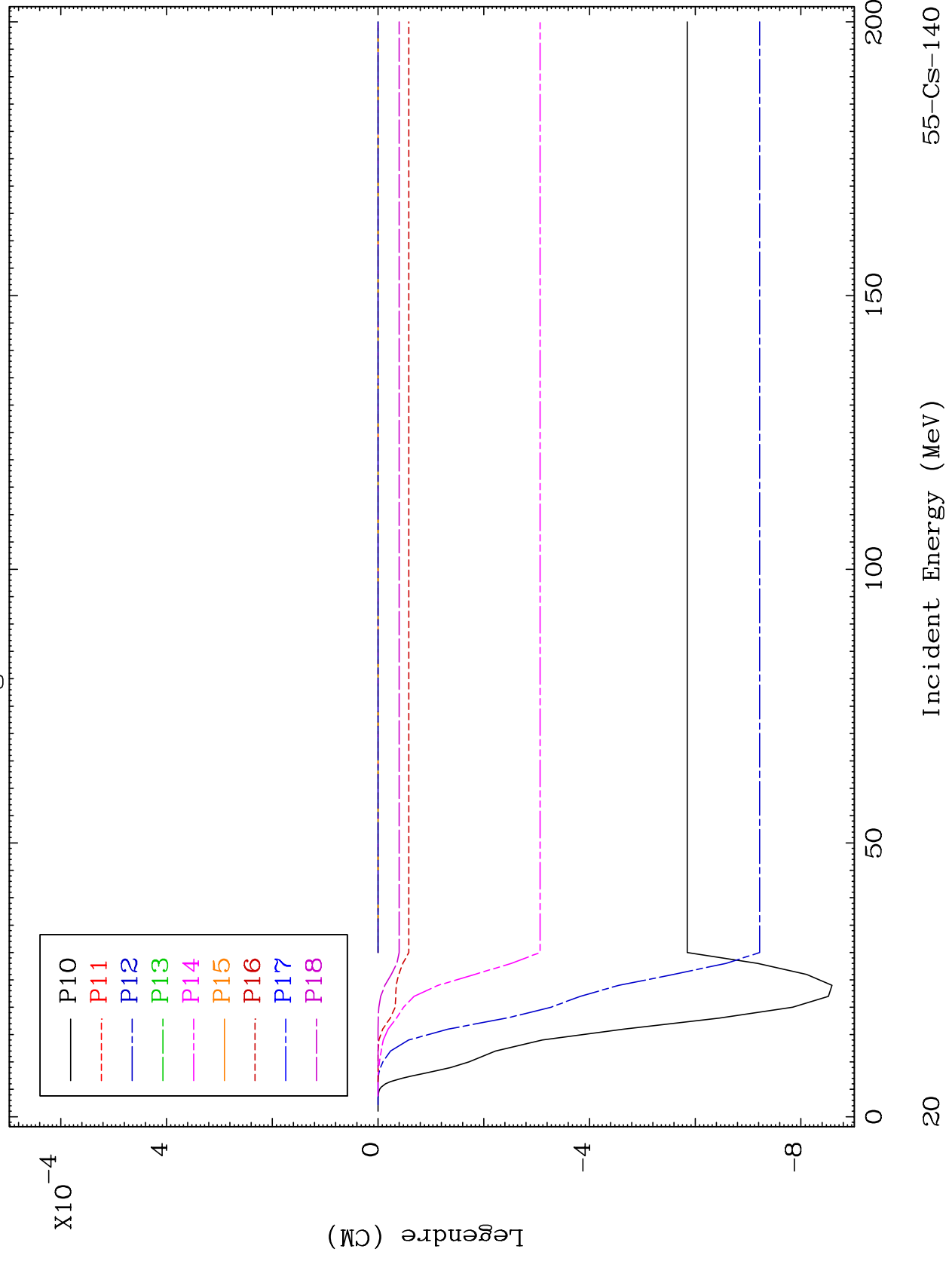
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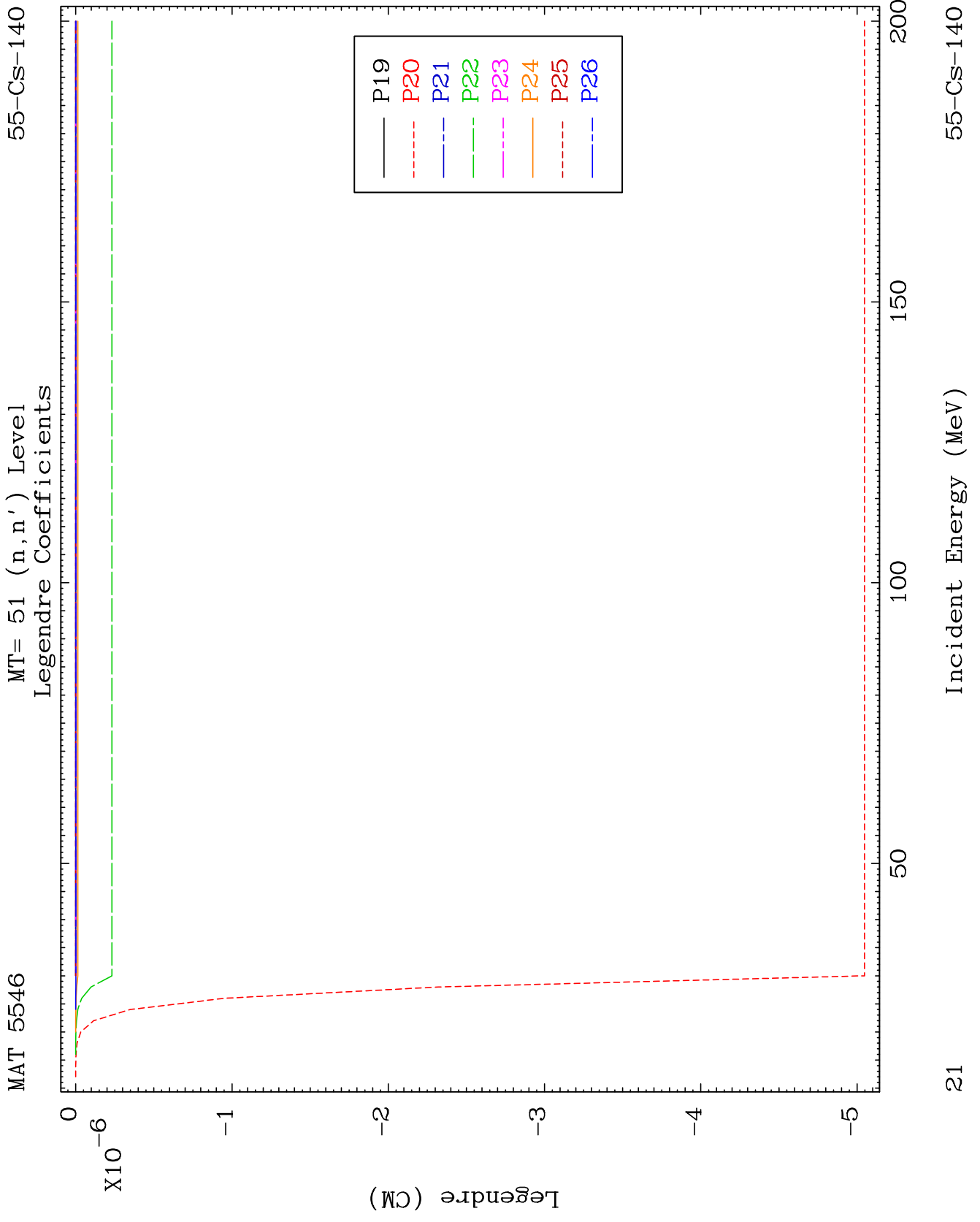


MAT 5546

MT= 51 (n,n') Level
Legendre Coefficients

55-Cs-140

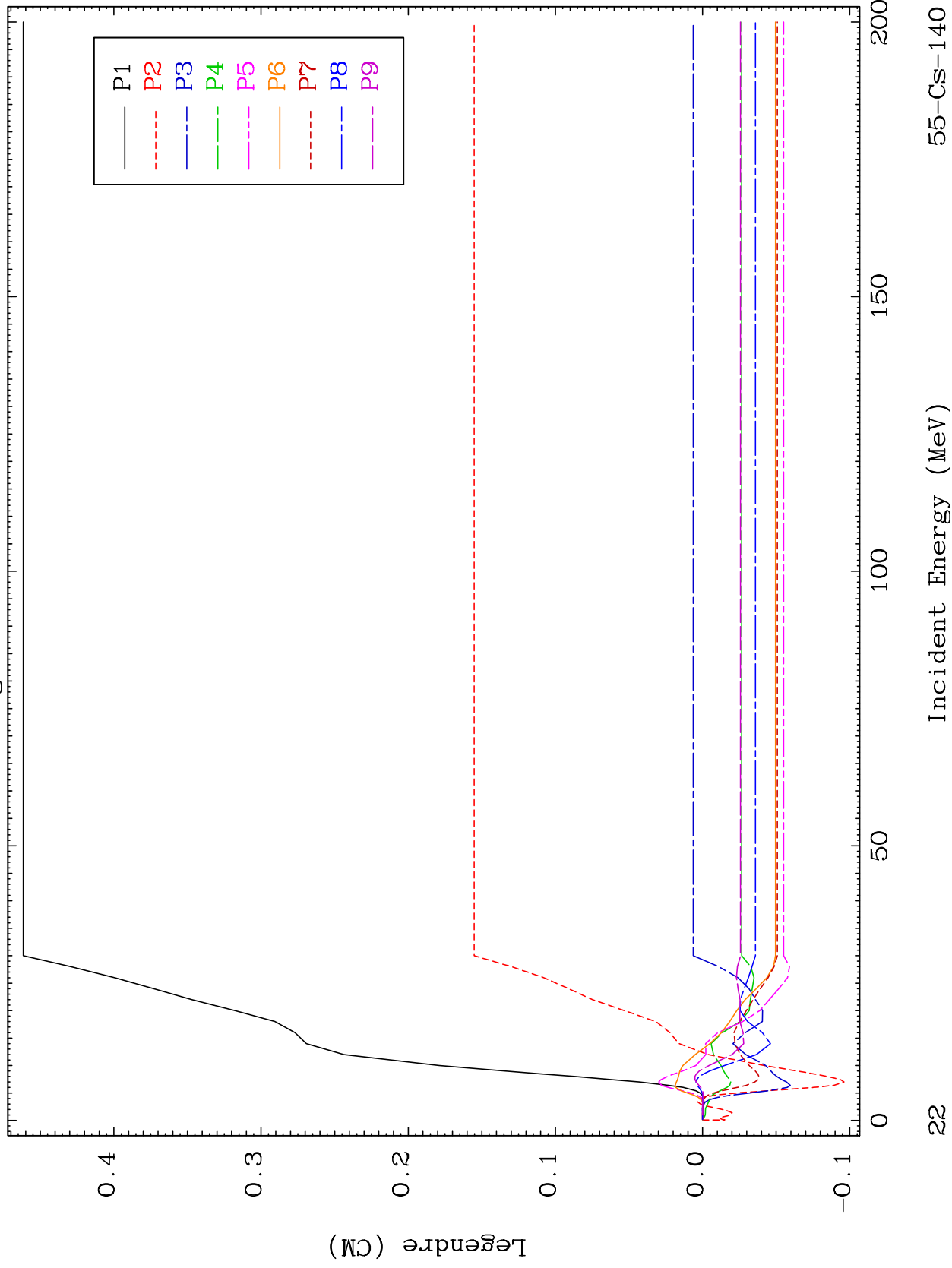




MAT 5546

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

55-Cs-140



55-Cs-140

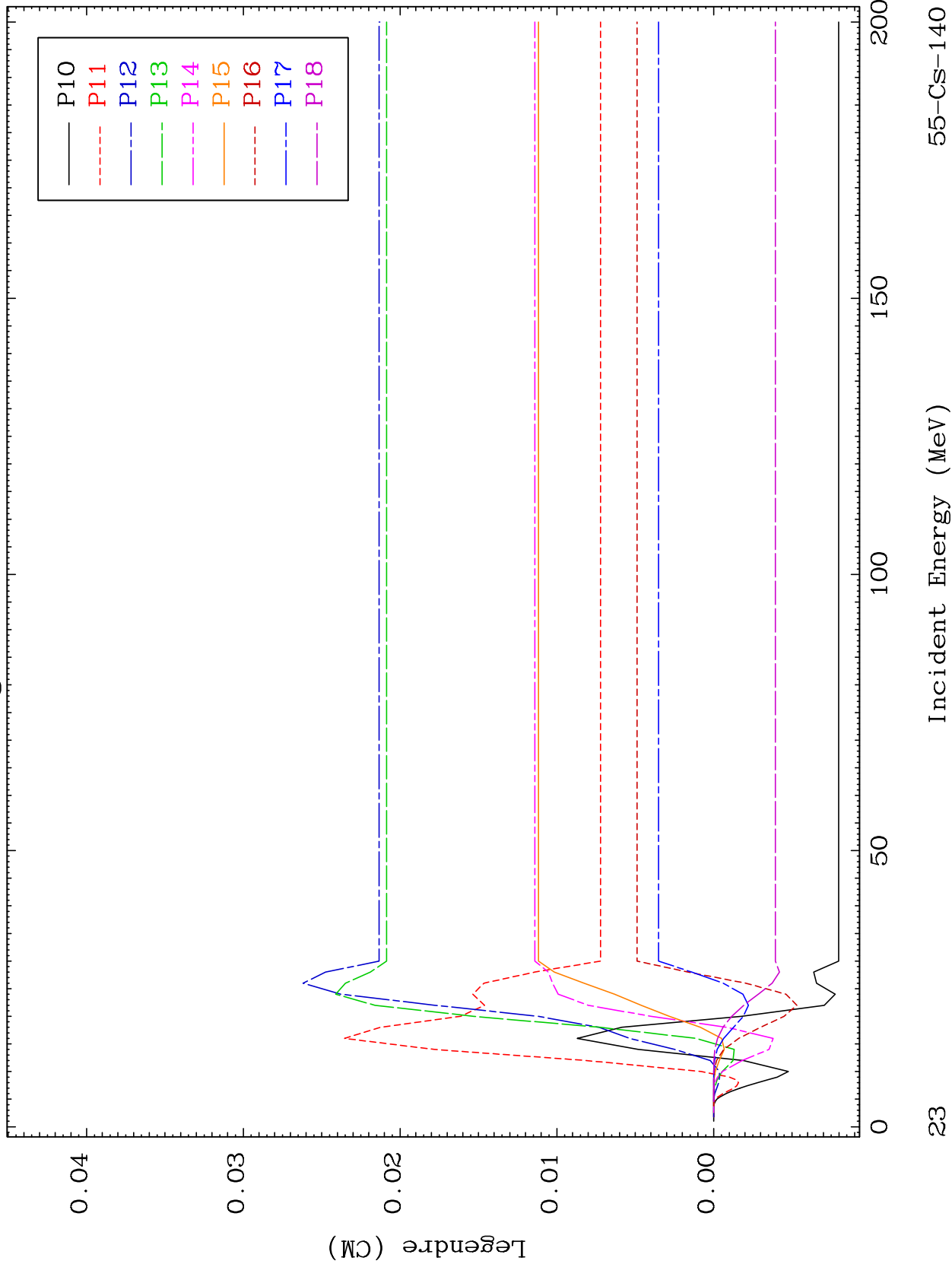
Incident Energy (MeV)

22

MAT 5546

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

55-Cs-140



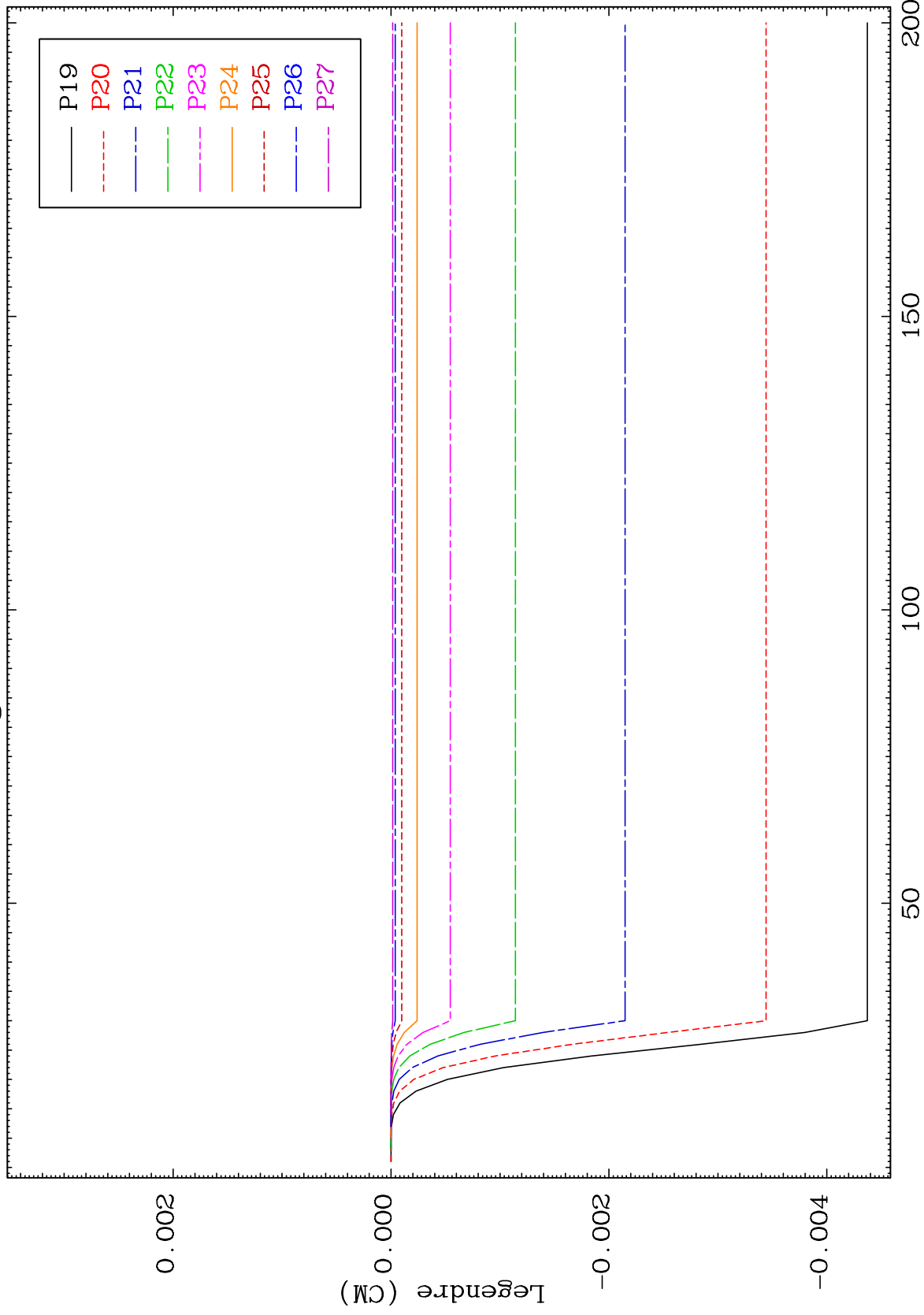
23

55-Cs-140

MAT 5546

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

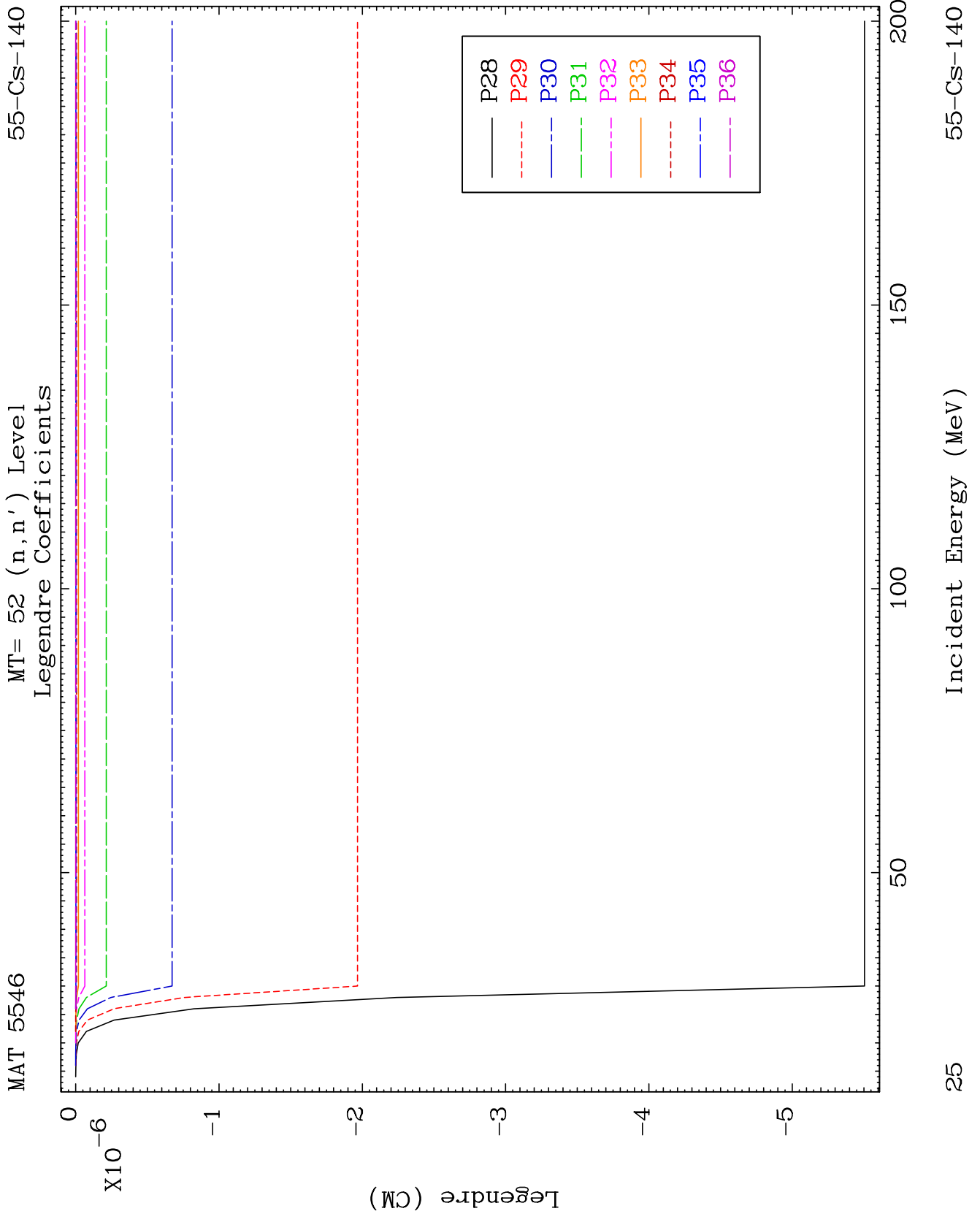
55-Cs-140



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Incident Energy (MeV)

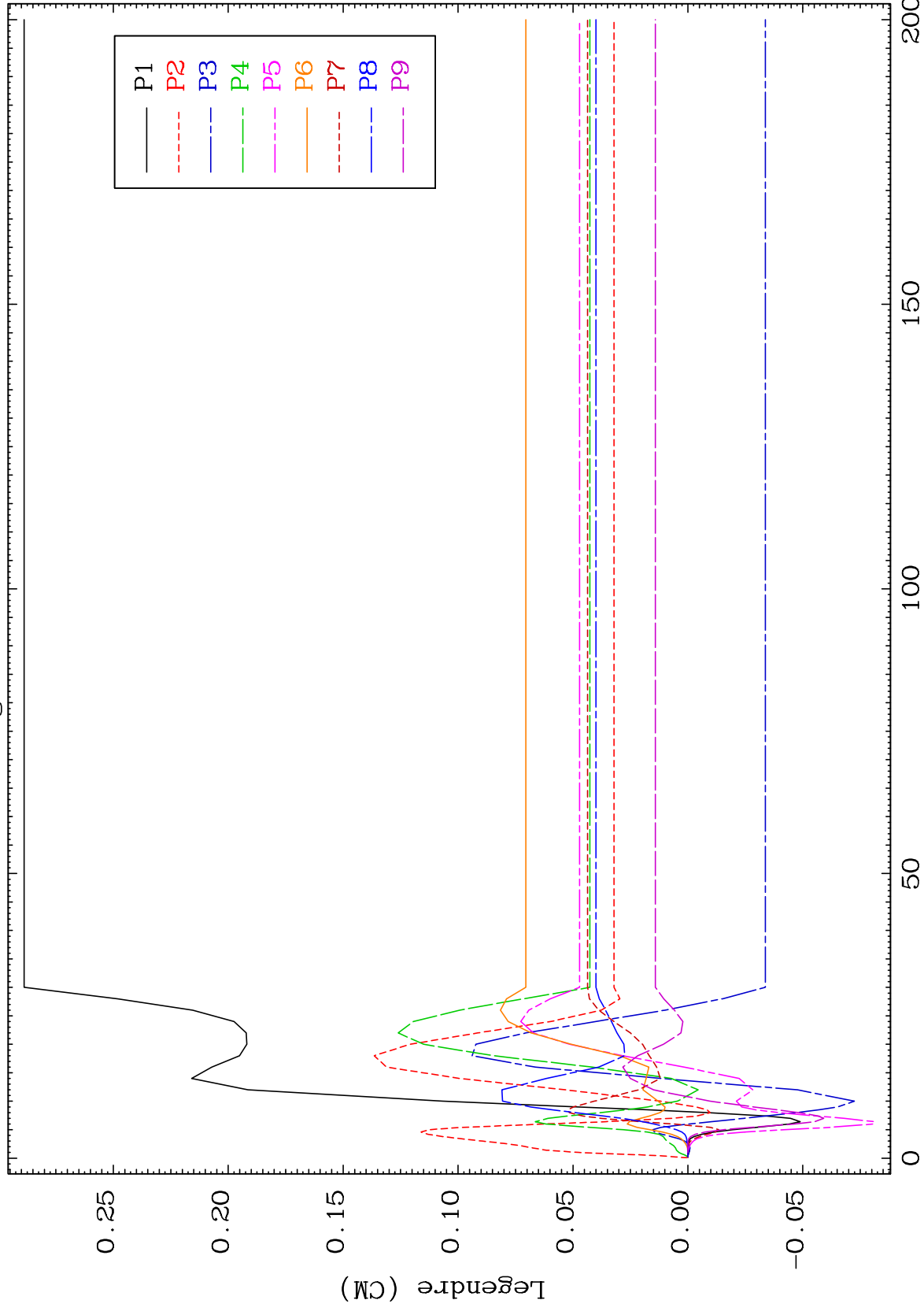
55-Cs-140



MAT 5546

MT= 53 (n,n') Level
Legendre Coefficients

55-Cs-140



26

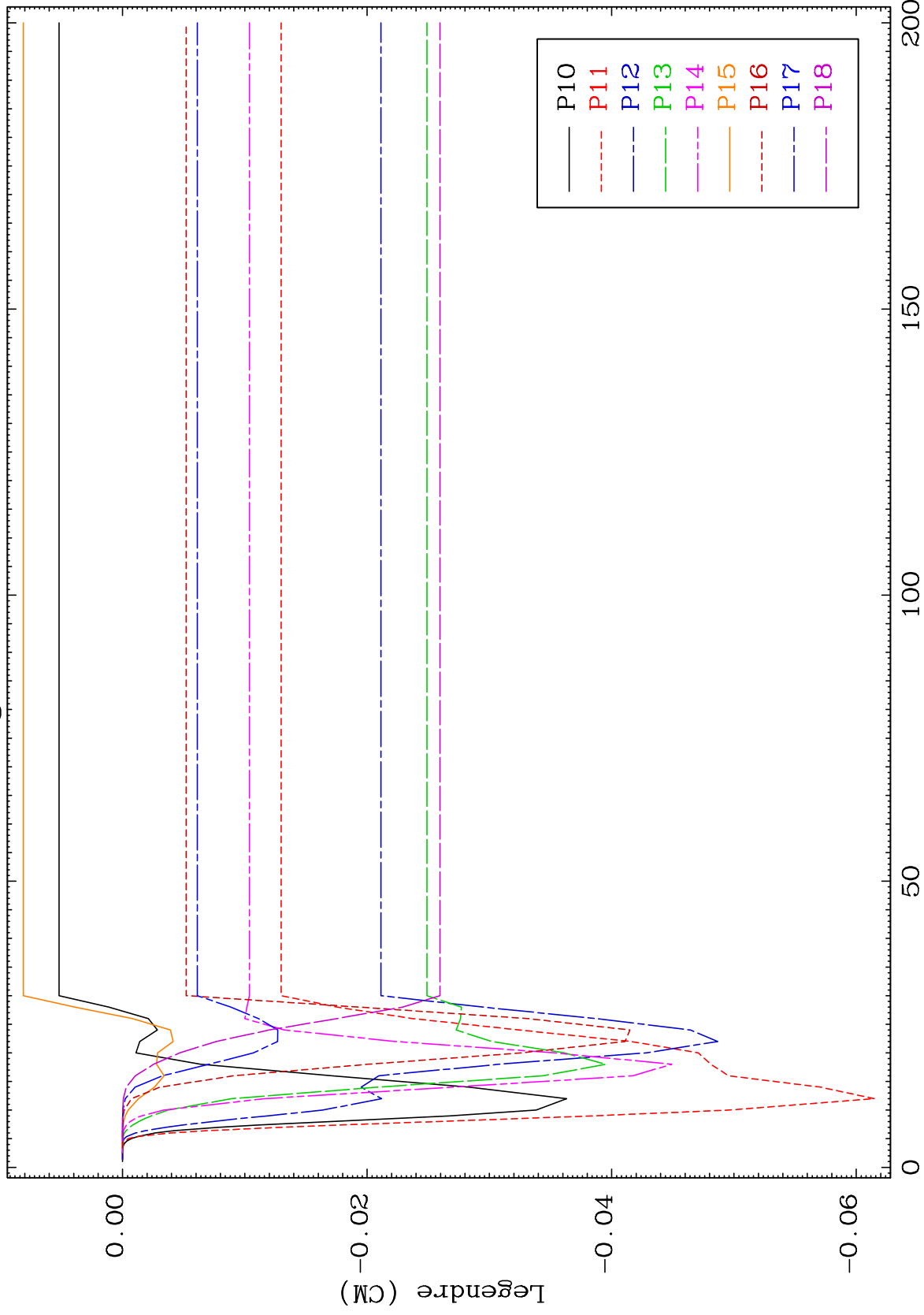
Incident Energy (MeV)

55-Cs-140

MAT 5546

MT= 53 (n,n') Level
Legendre Coefficients

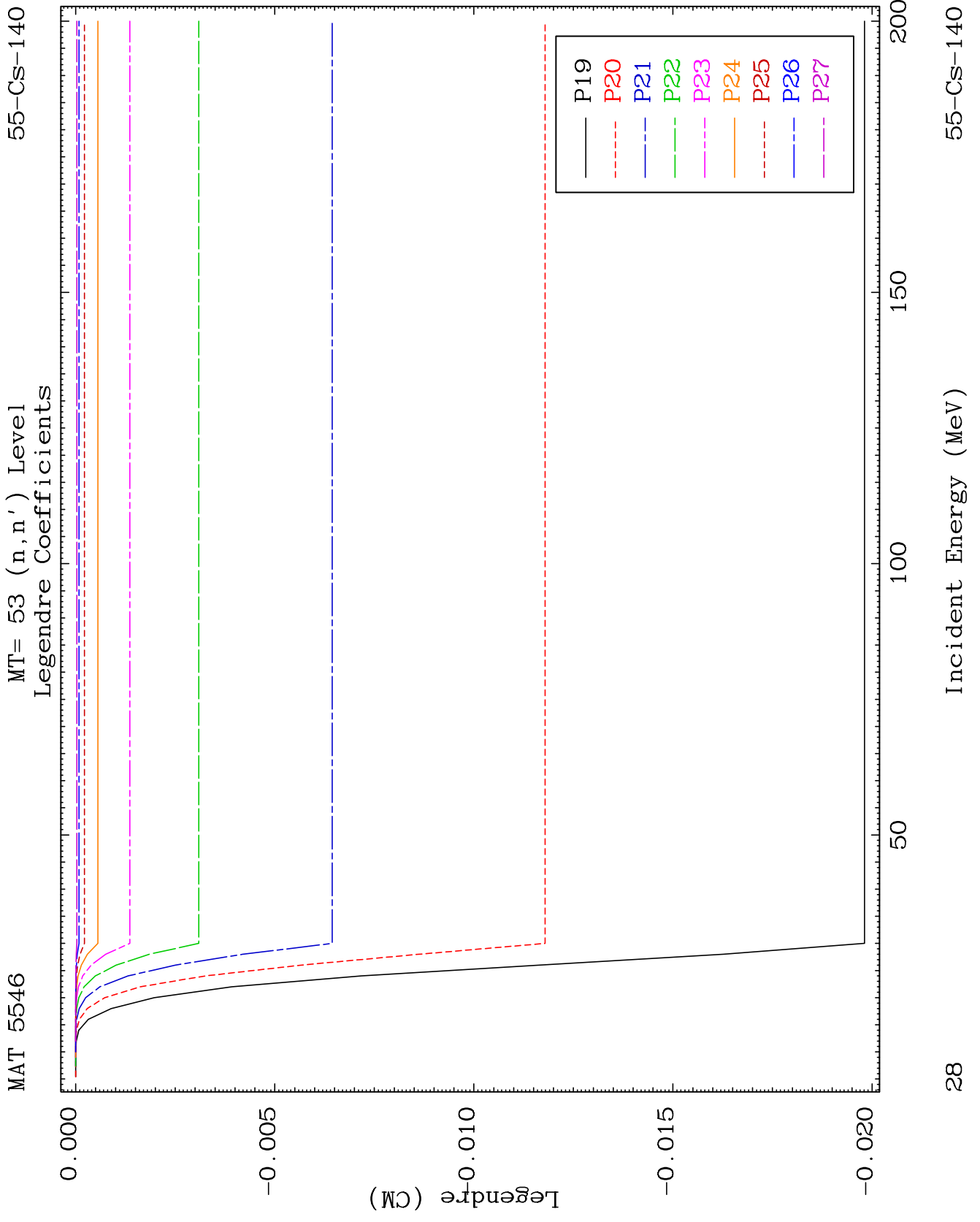
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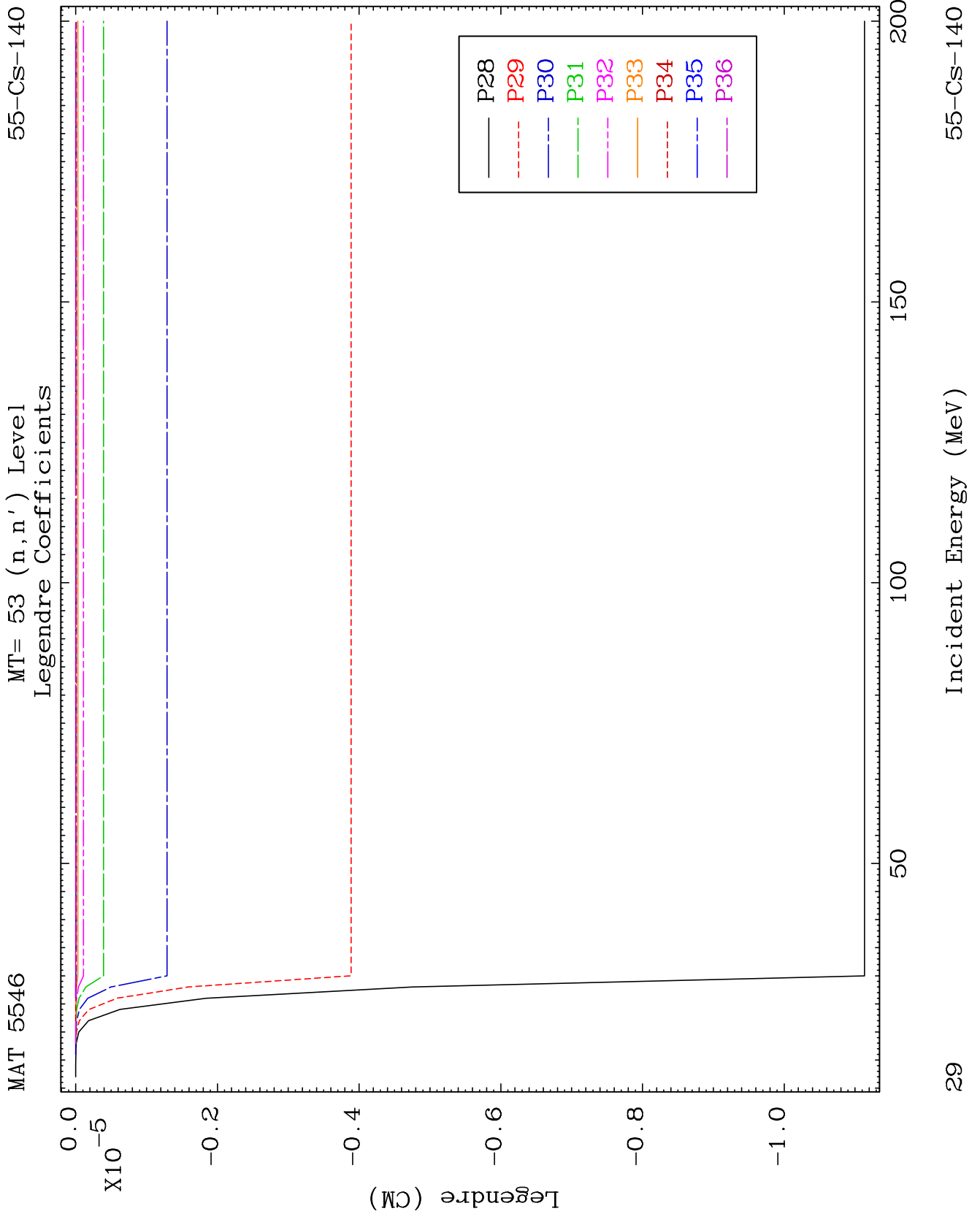


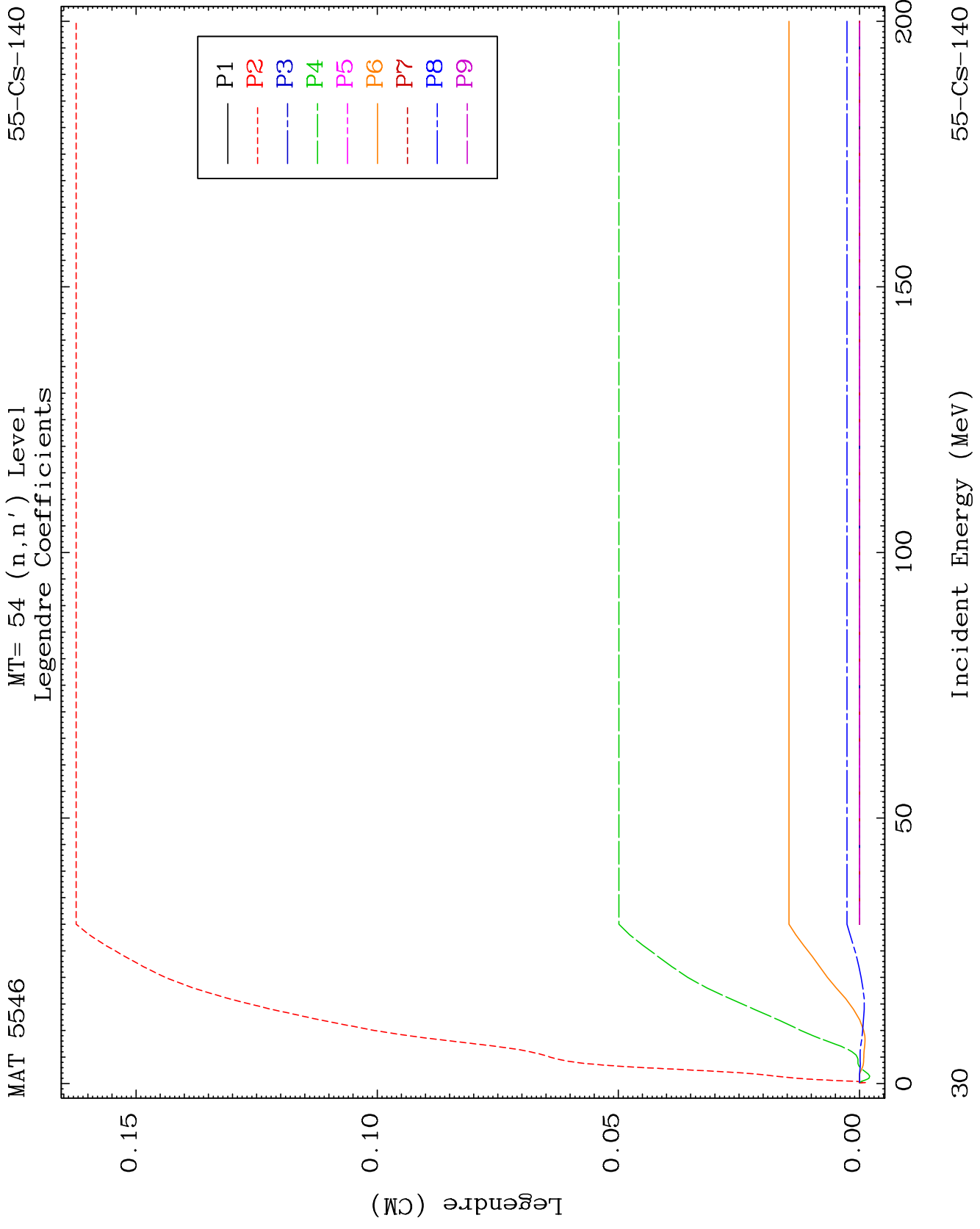
27

Incident Energy (MeV)

55-Cs-140



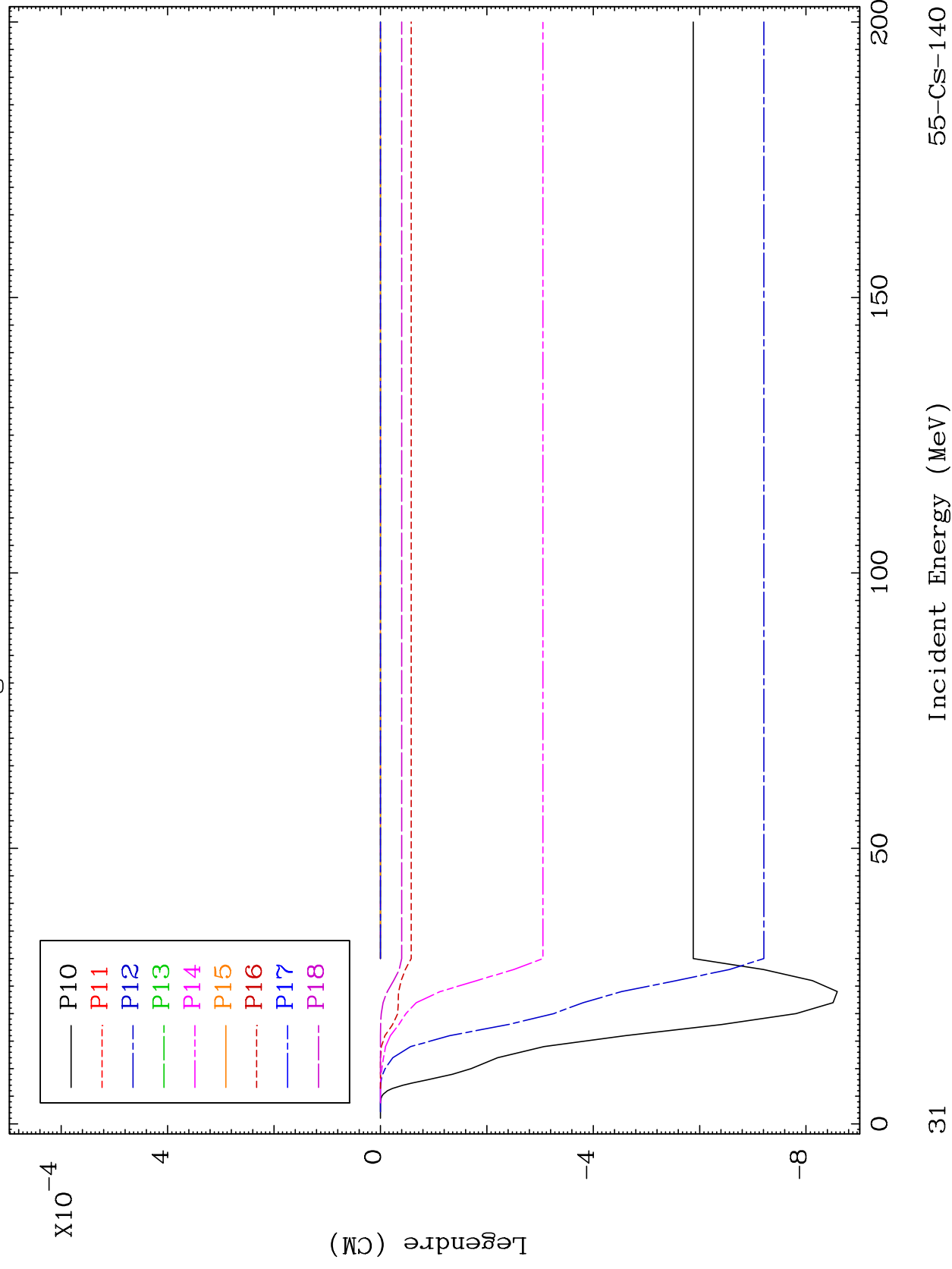




MAT 5546

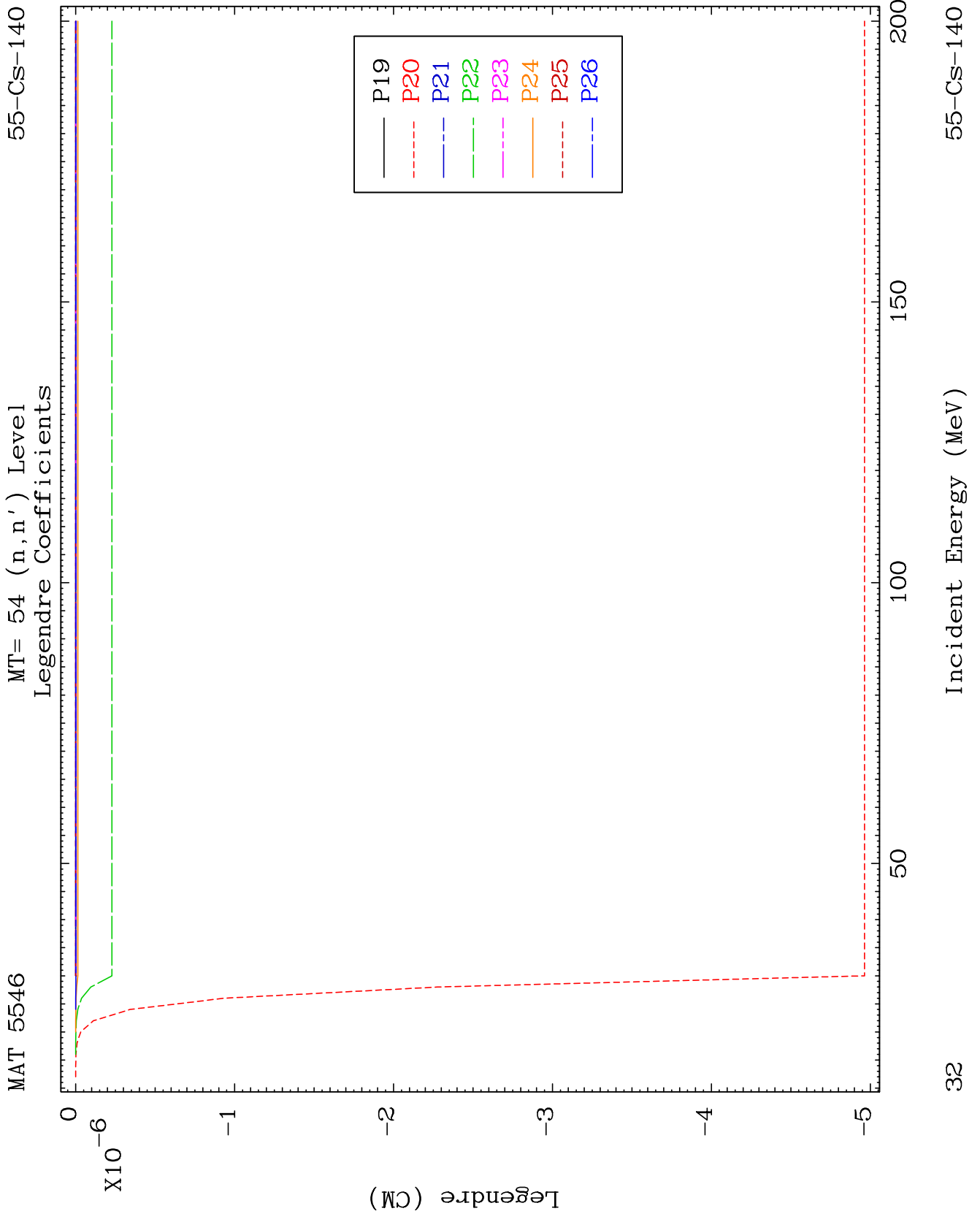
MT= 54 (n,n') Level
Legendre Coefficients

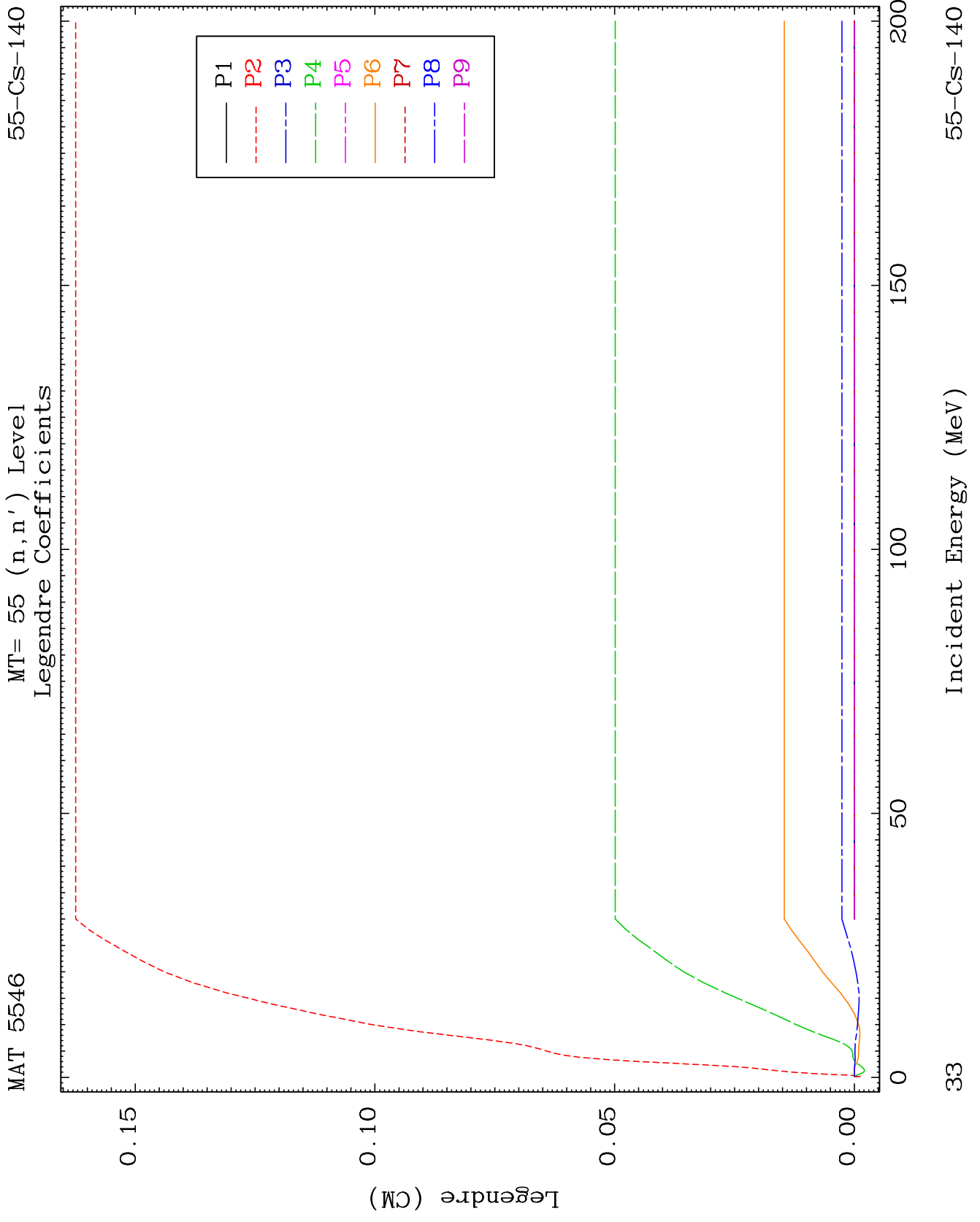
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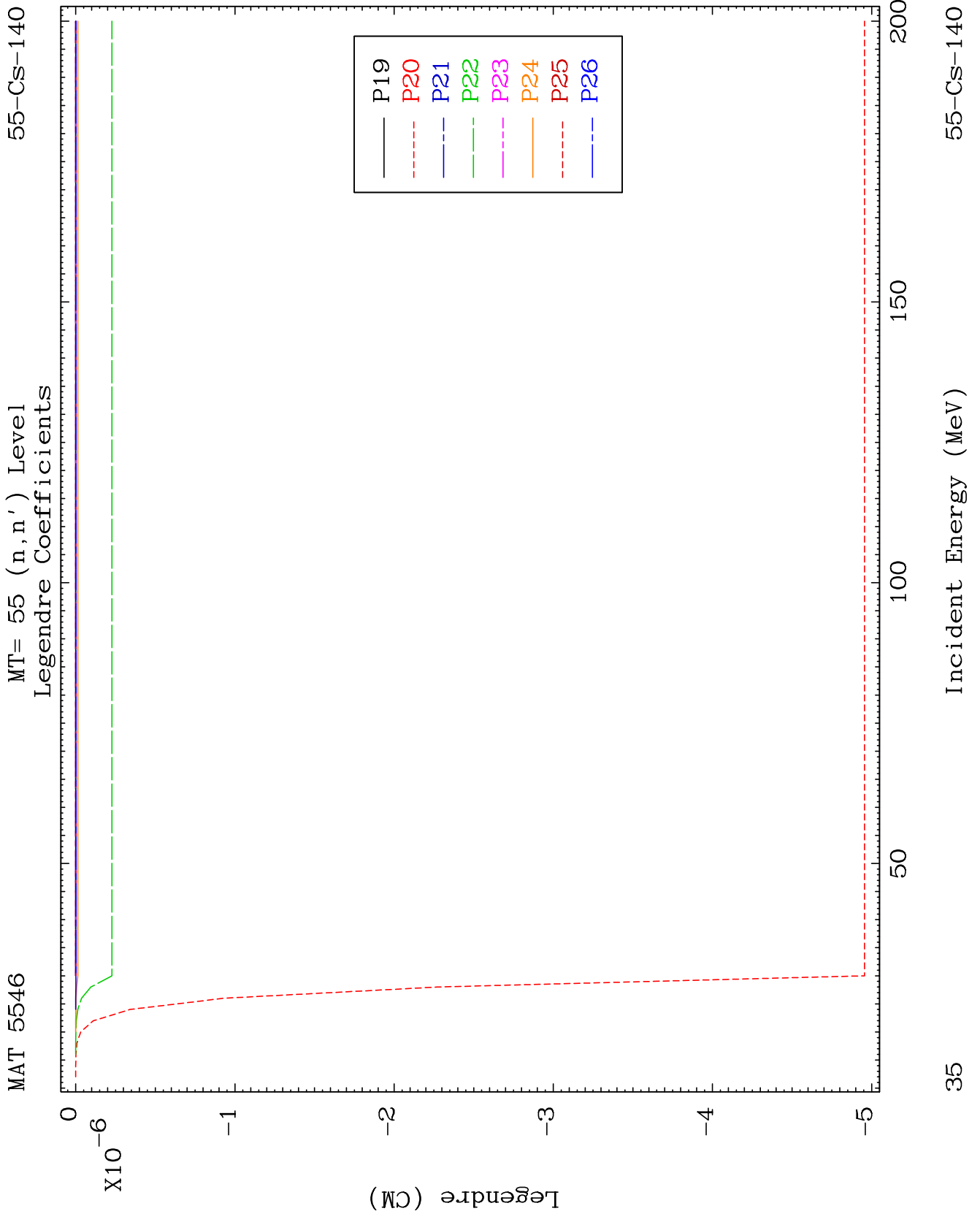


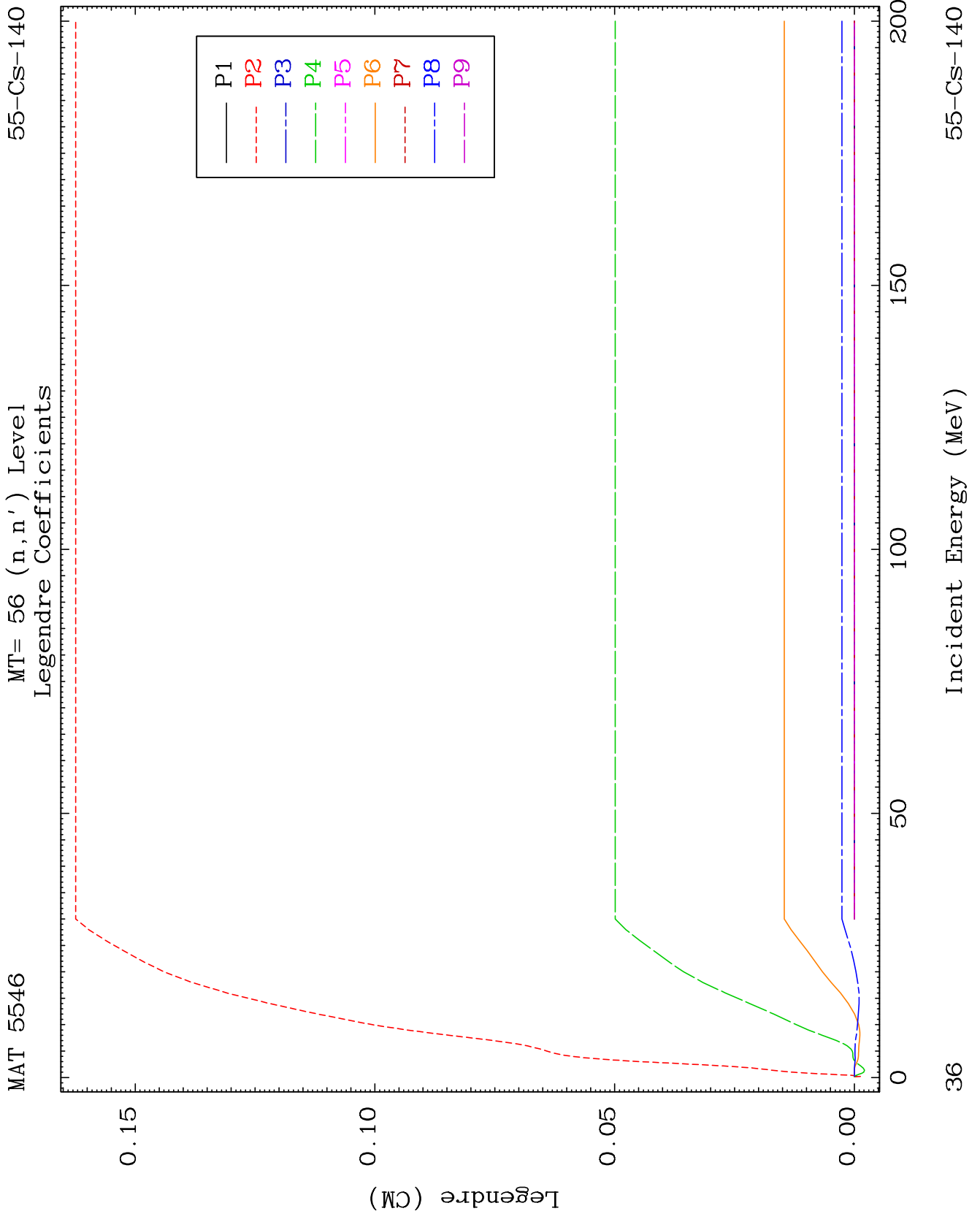
31

55-Cs-140





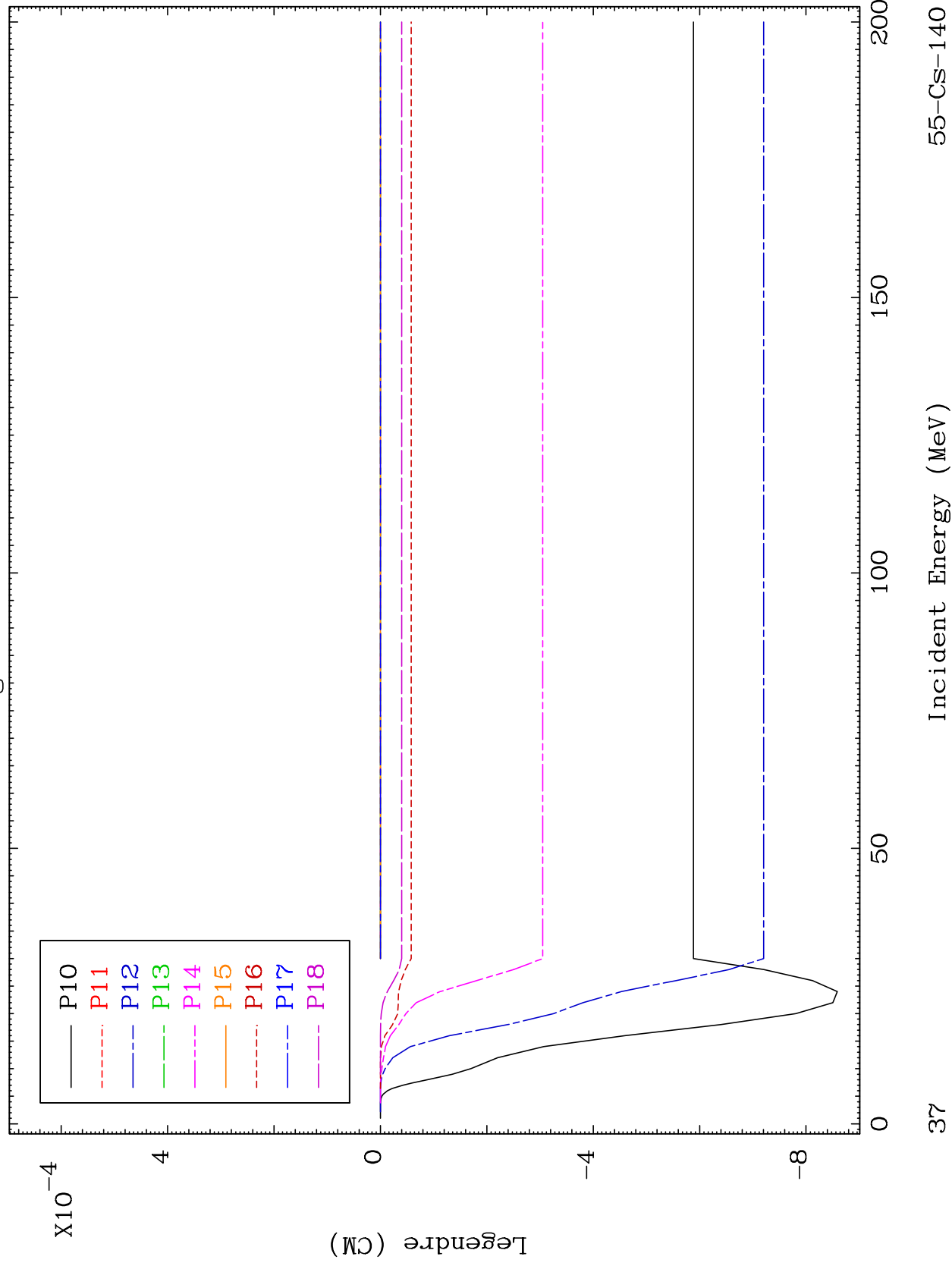




MAT 5546

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

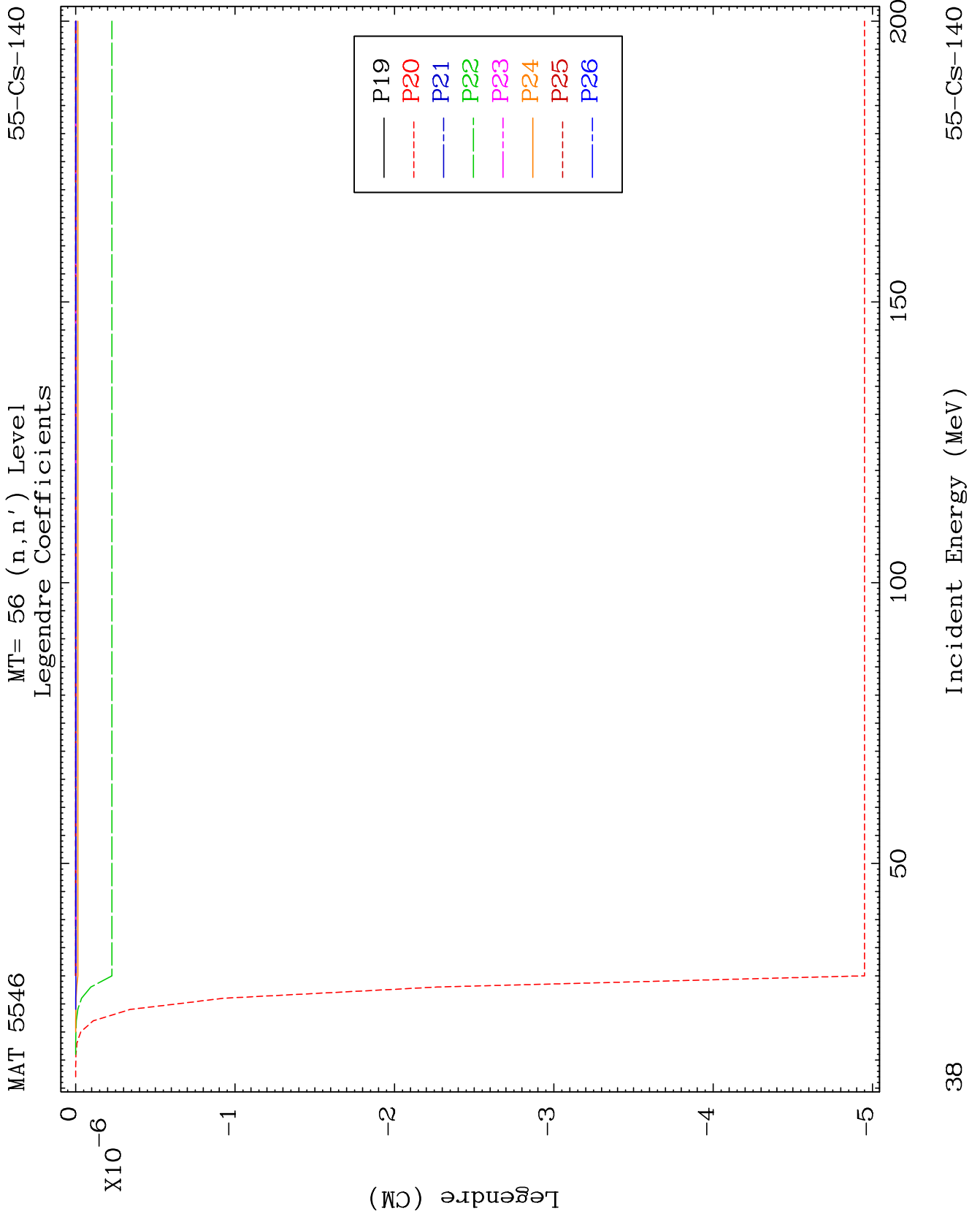
55-Cs-140



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Incident Energy (MeV)

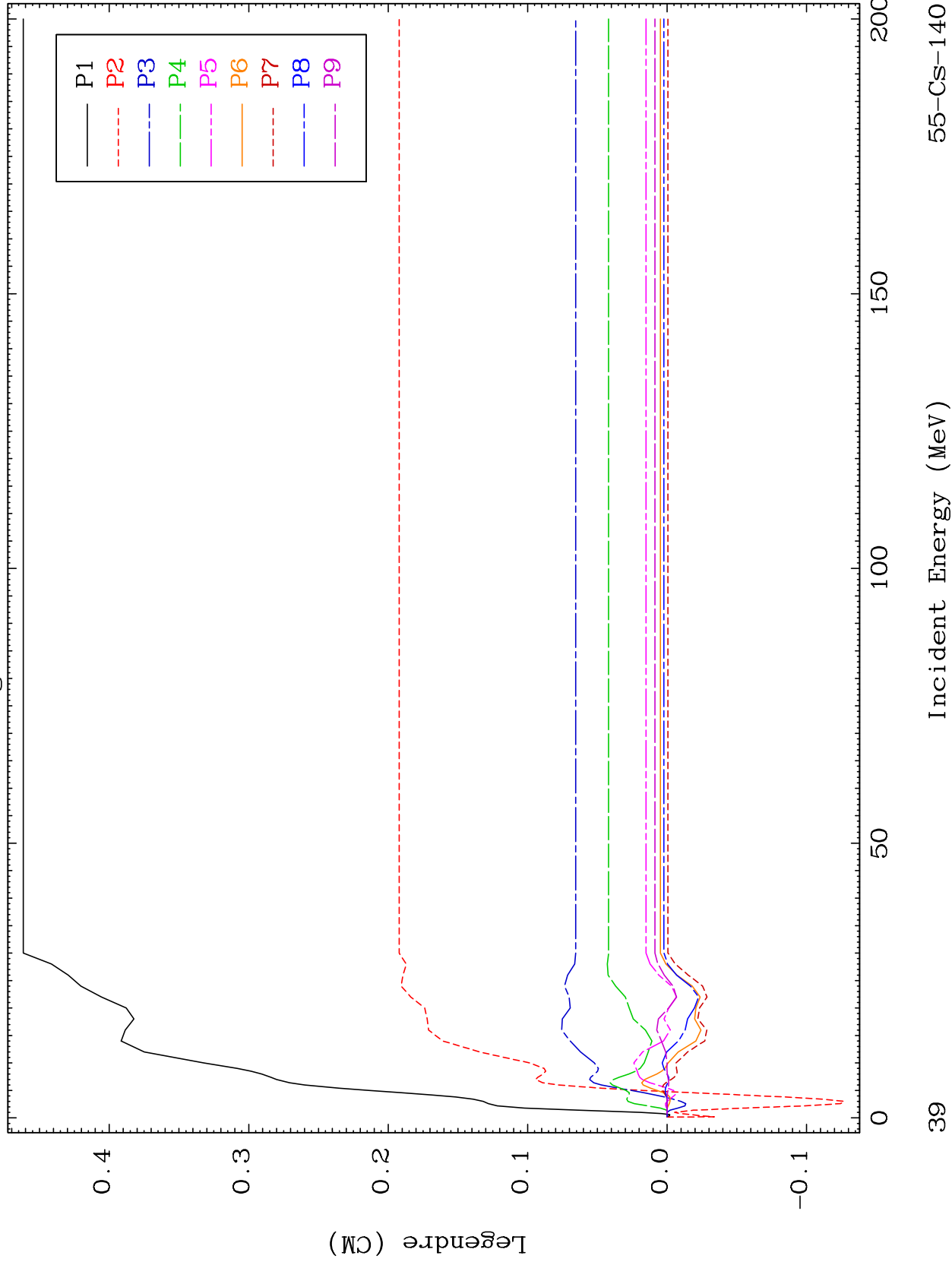
55-Cs-140



MAT 5546

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

55-Cs-140



55-Cs-140

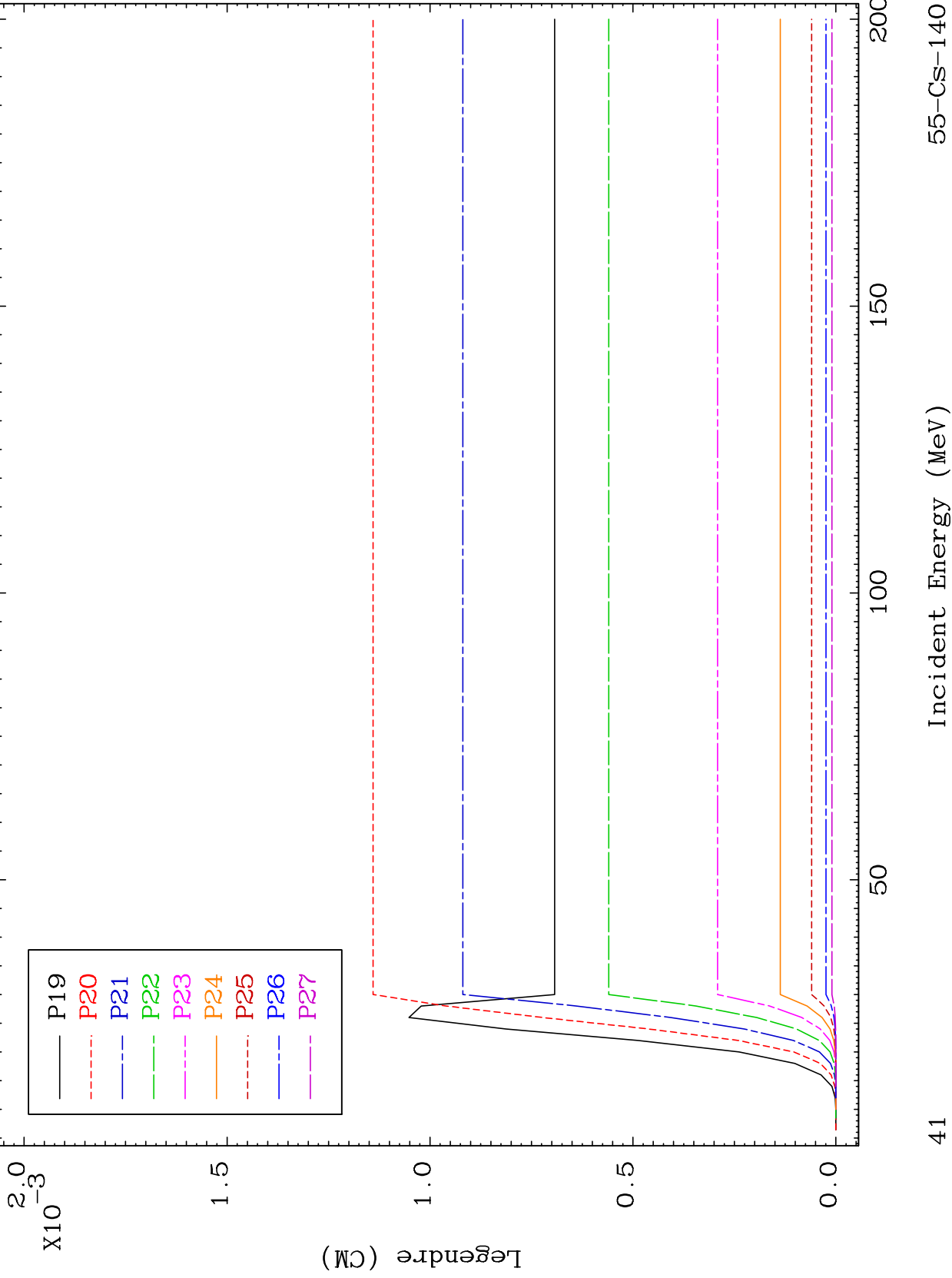
Incident Energy (MeV)

39

MAT 5546

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

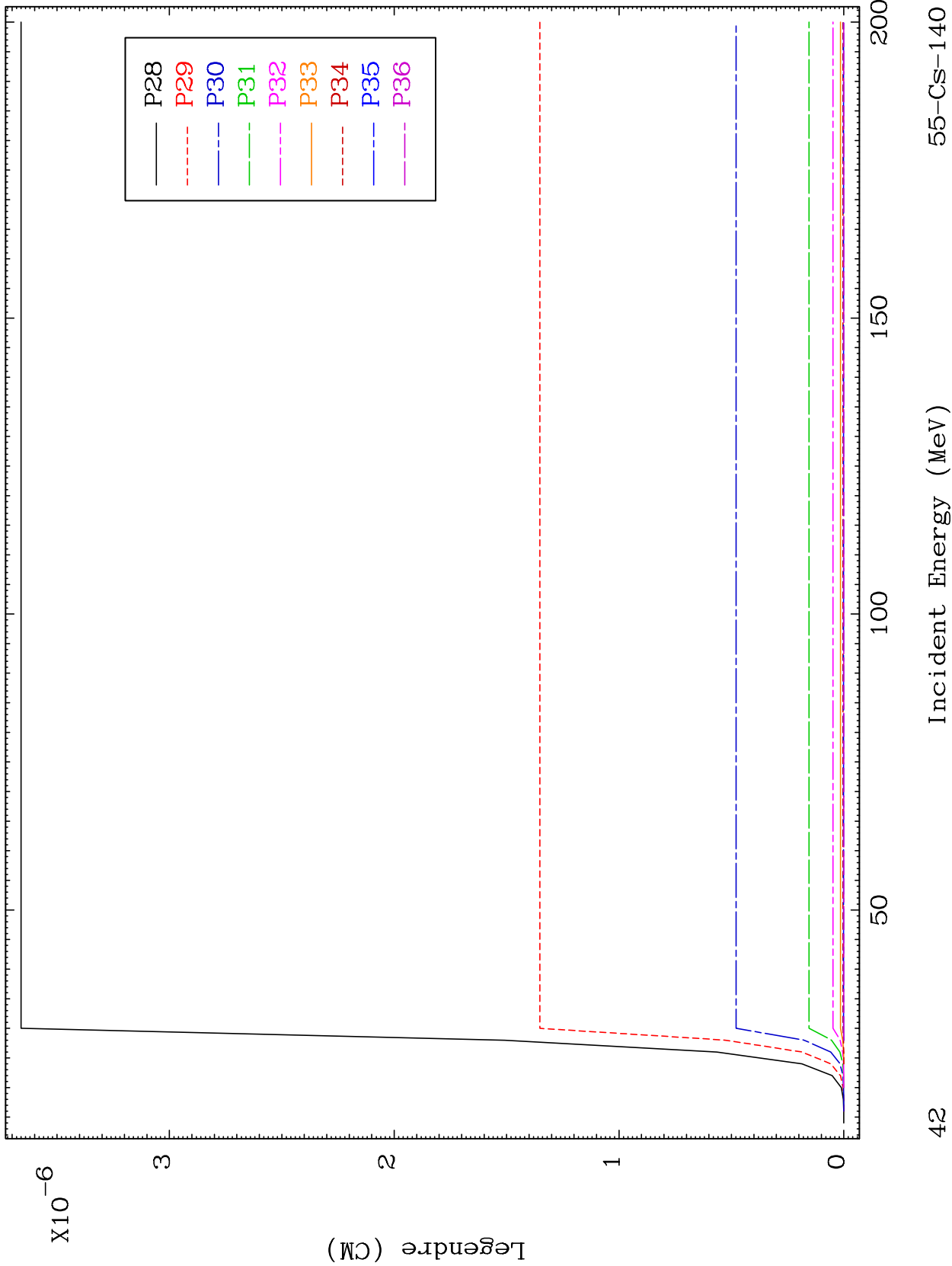
55-Cs-140



MAT 5546

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

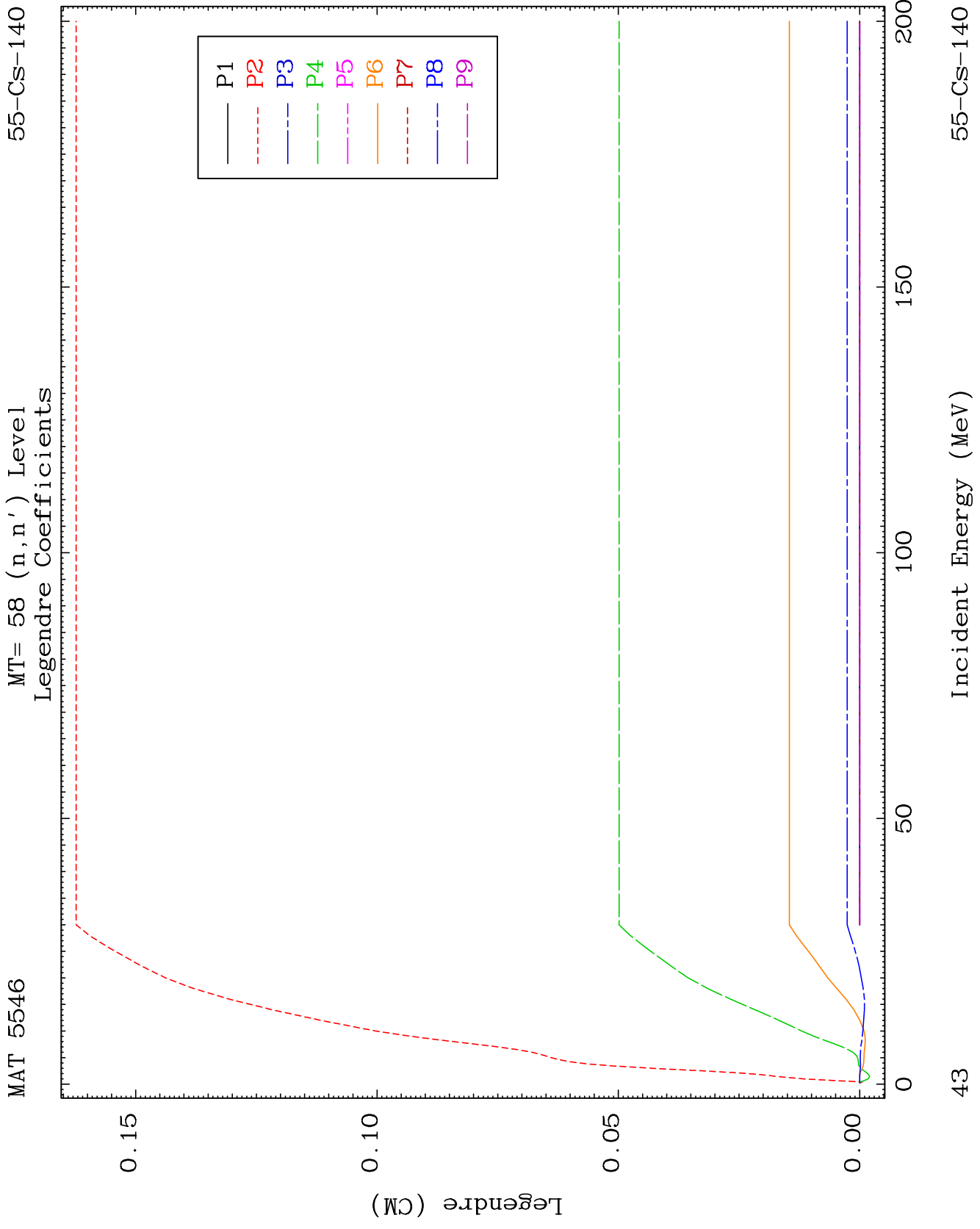
55-Cs-140



42

Incident Energy (MeV)

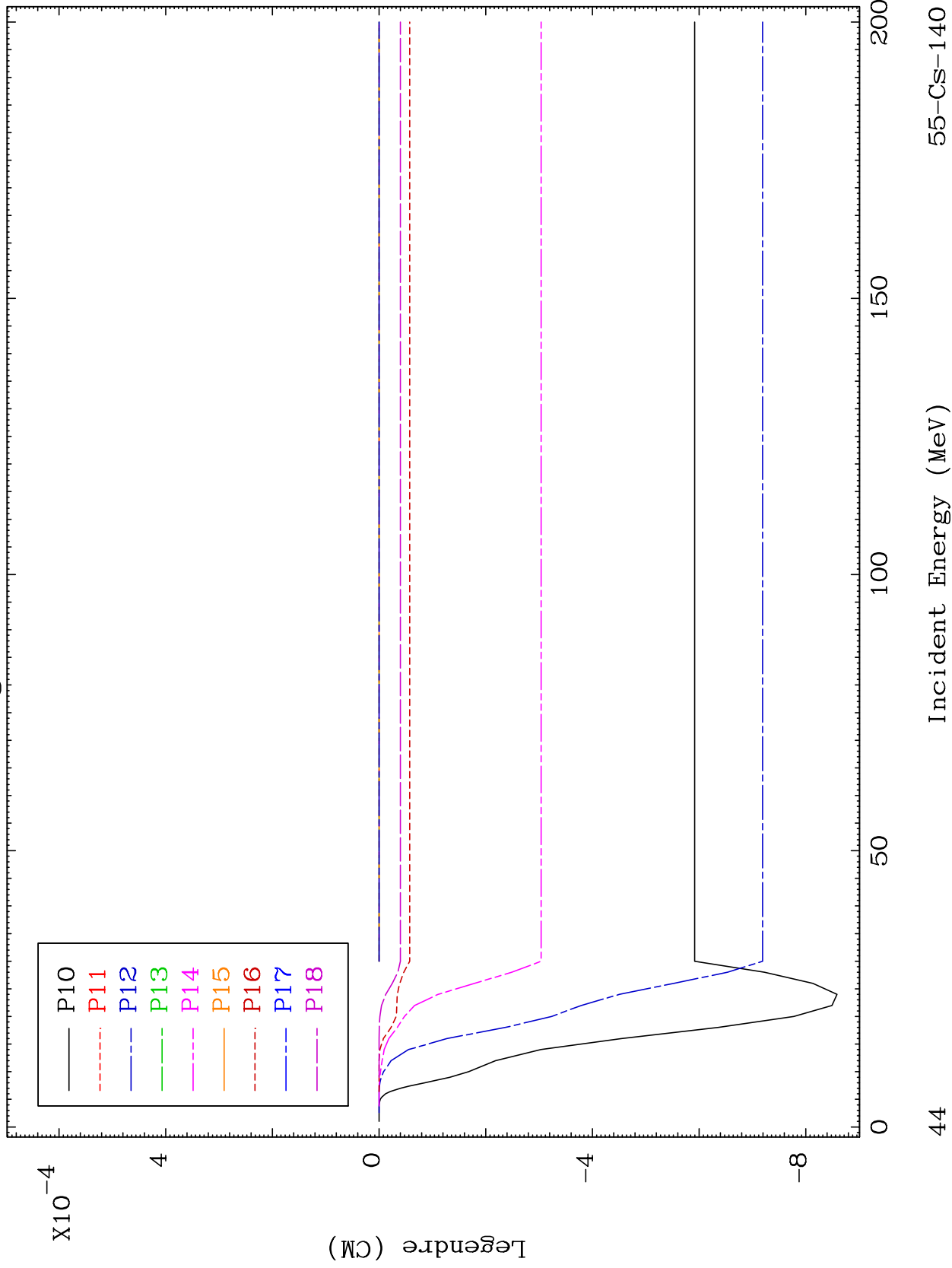
55-Cs-140



MAT 5546

MT= 58 (n,n') Level
Legendre Coefficients

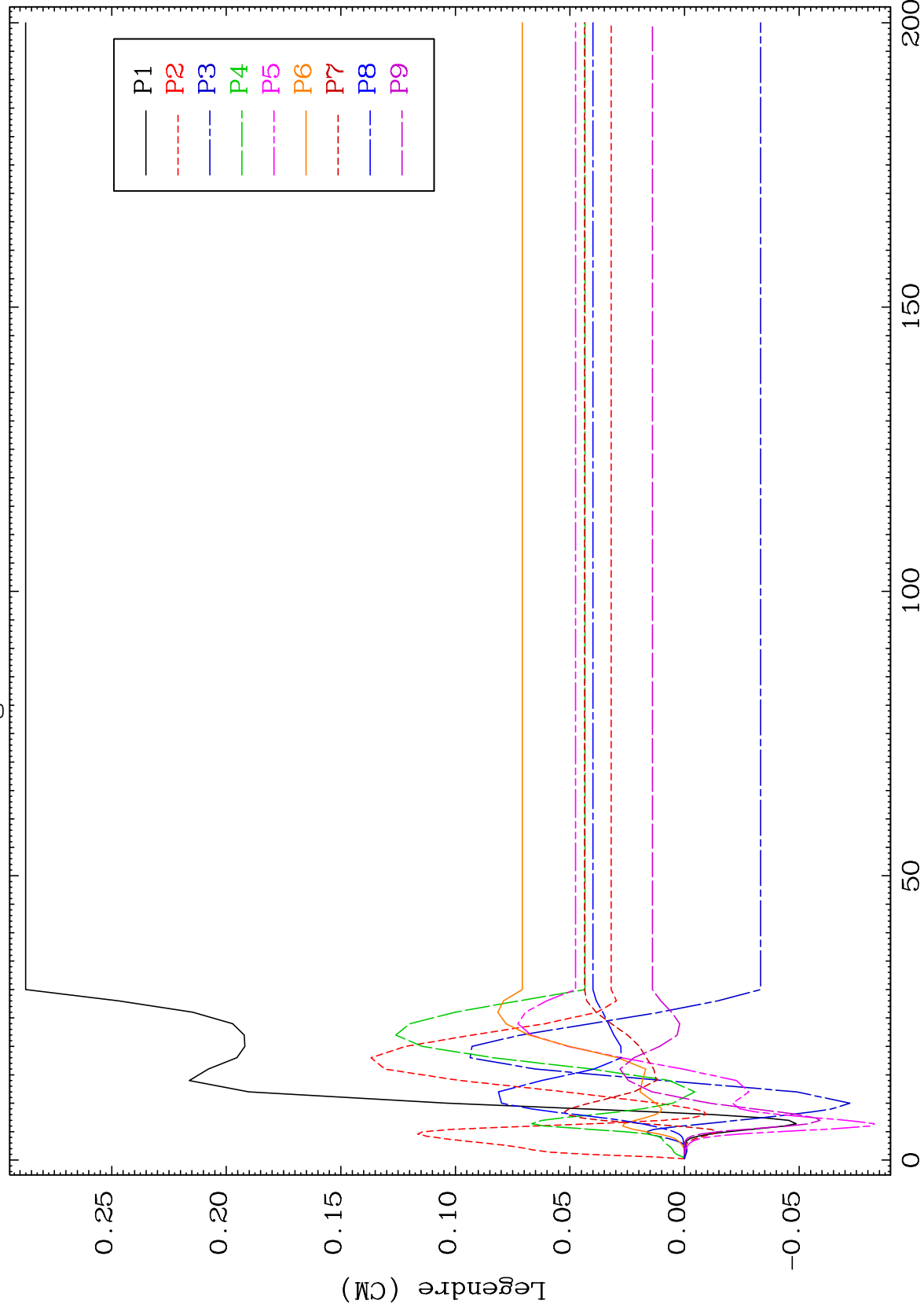
55-Cs-140



MAT 5546

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

55-Cs-140



46

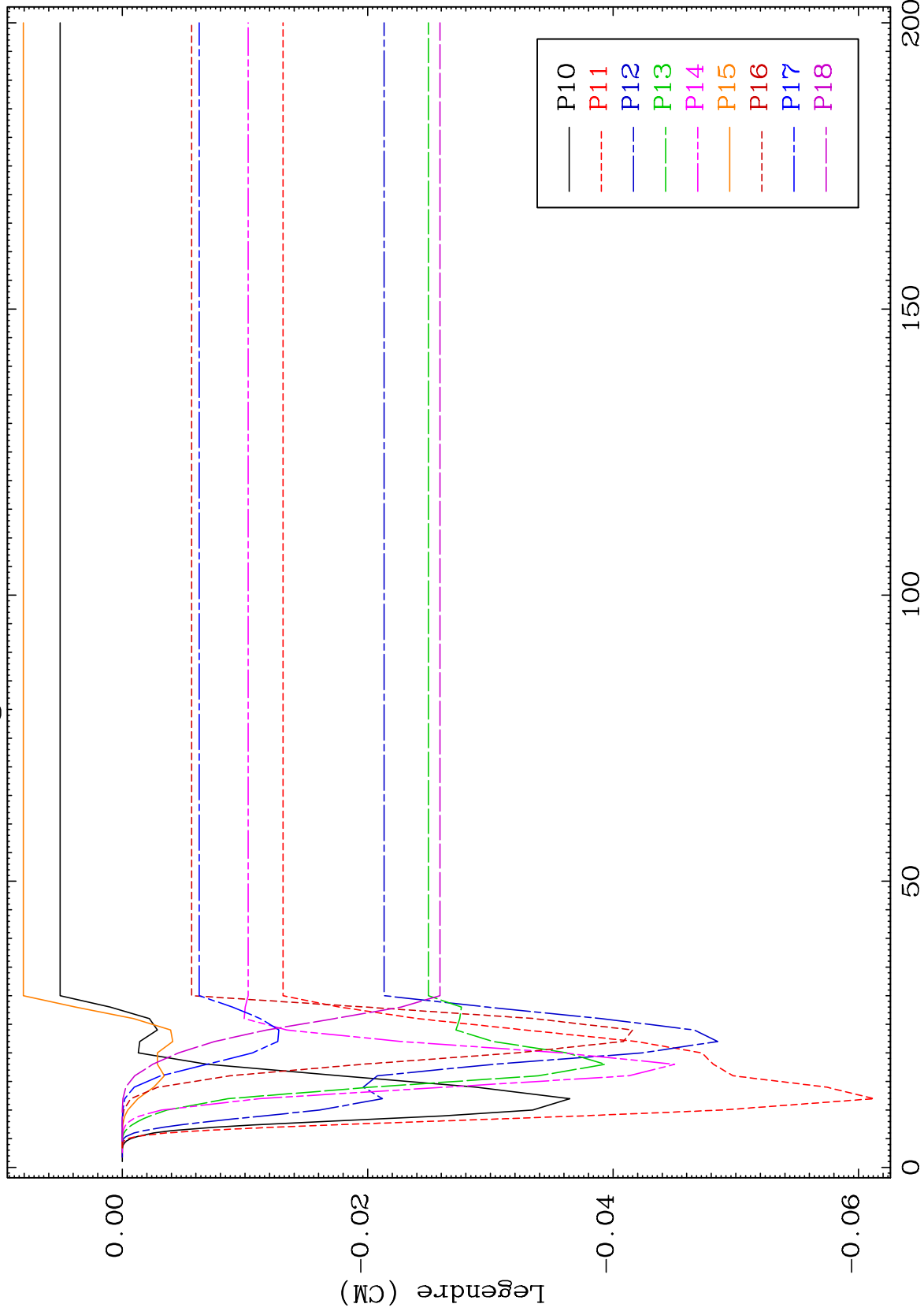
Incident Energy (MeV)

55-Cs-140

MAT 5546

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

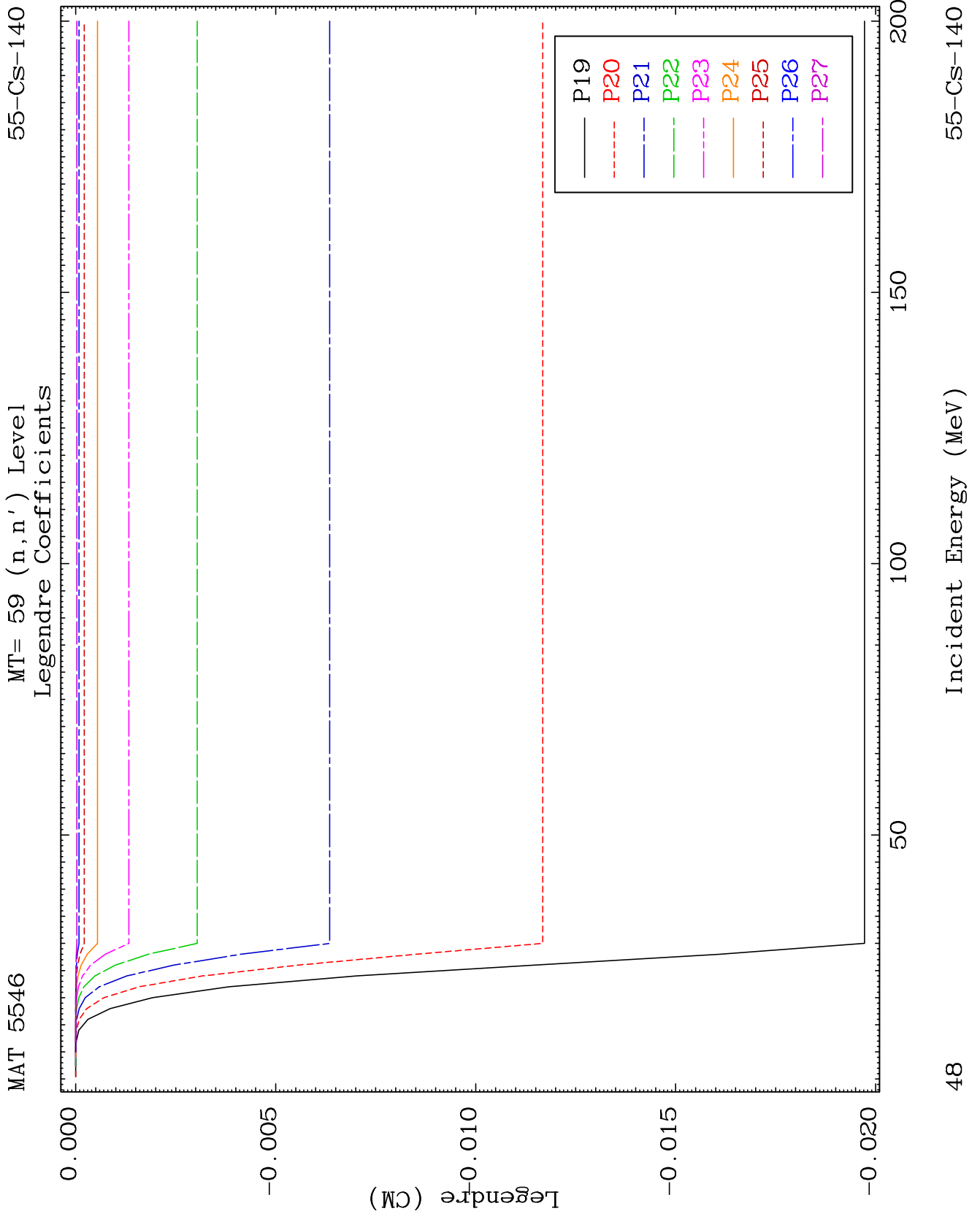
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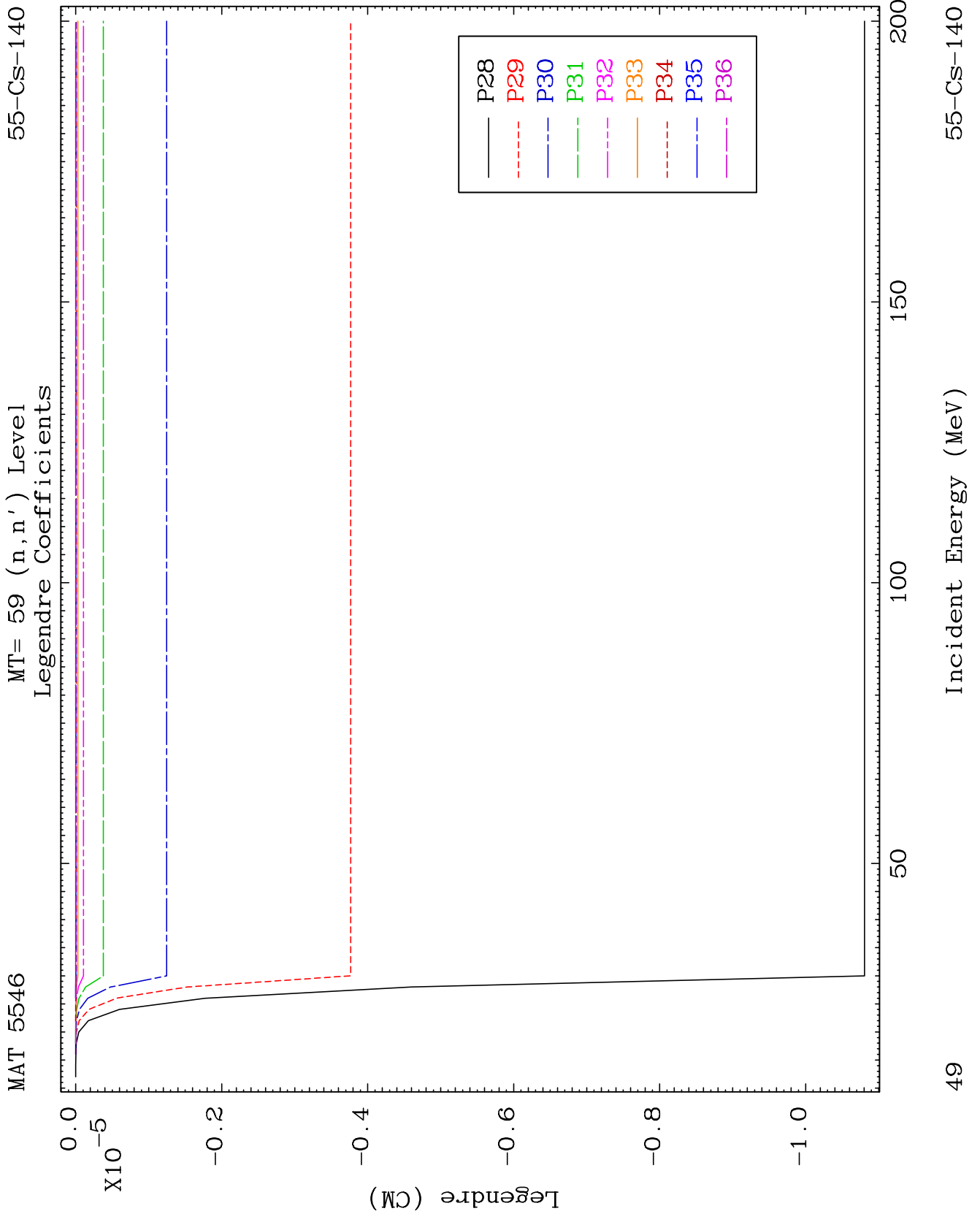


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Incident Energy (MeV)

55-Cs-140

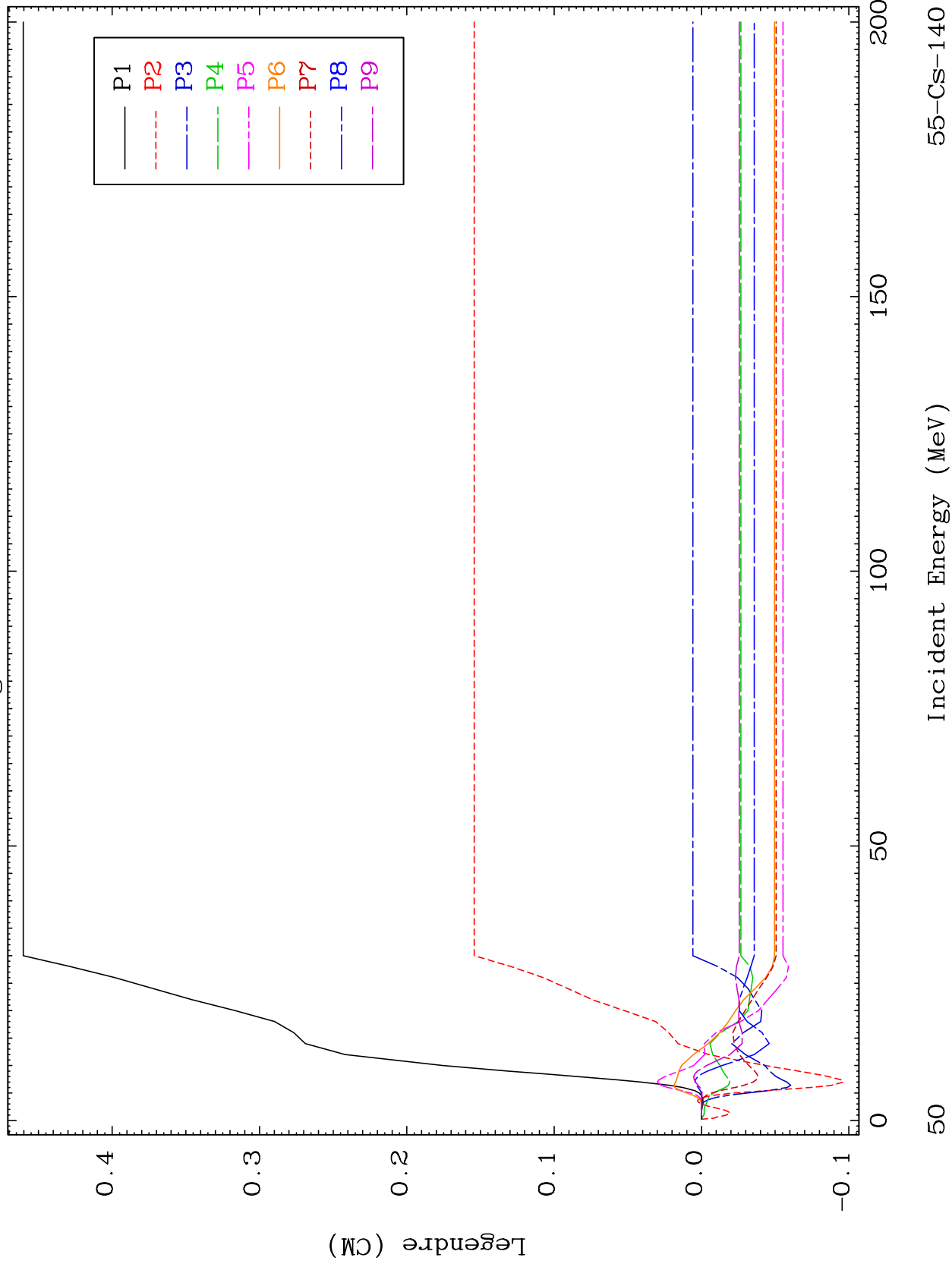




MAT 5546

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

55-Cs-140

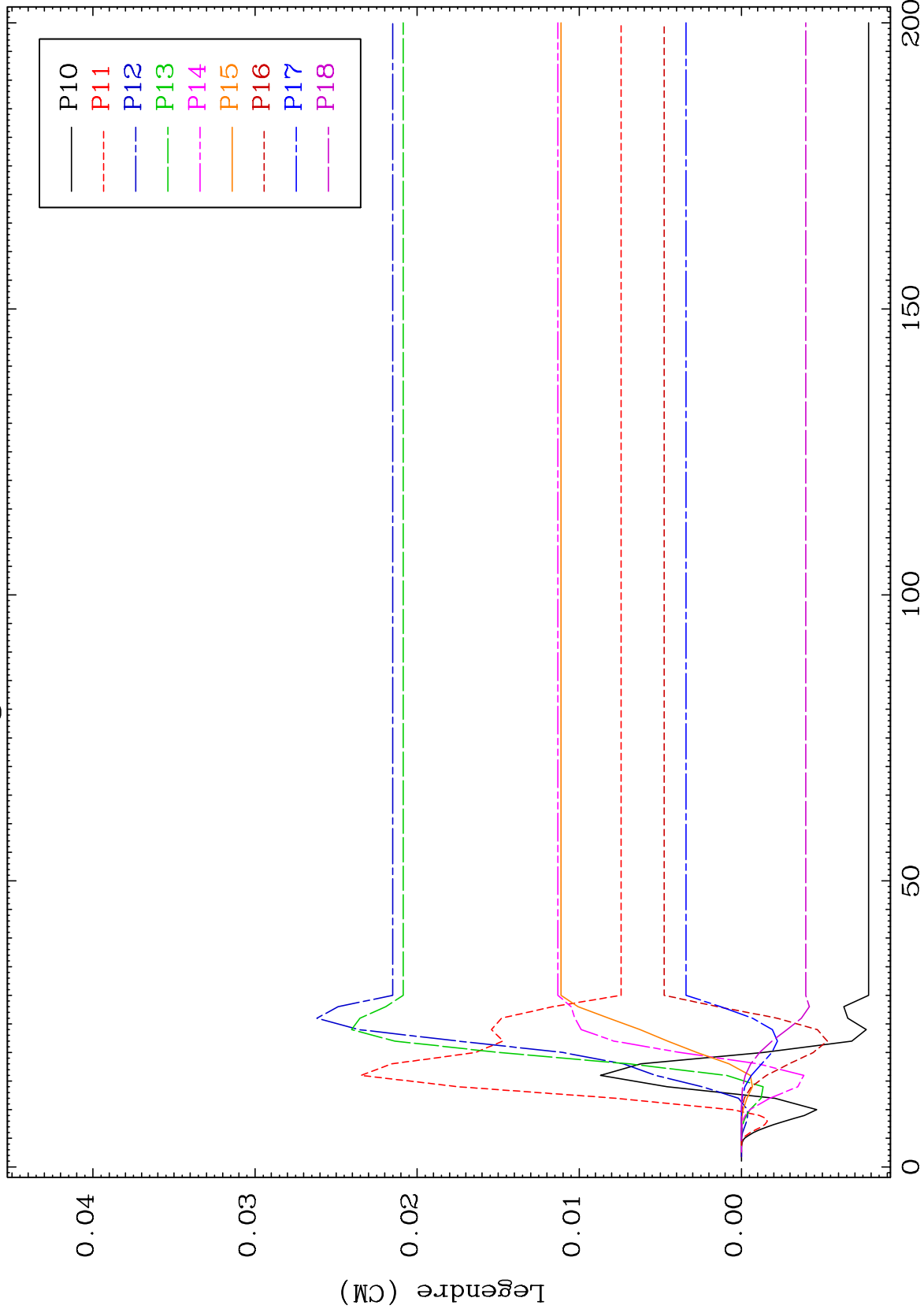


55-Cs-140

MAT 5546

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

55-Cs-140



51

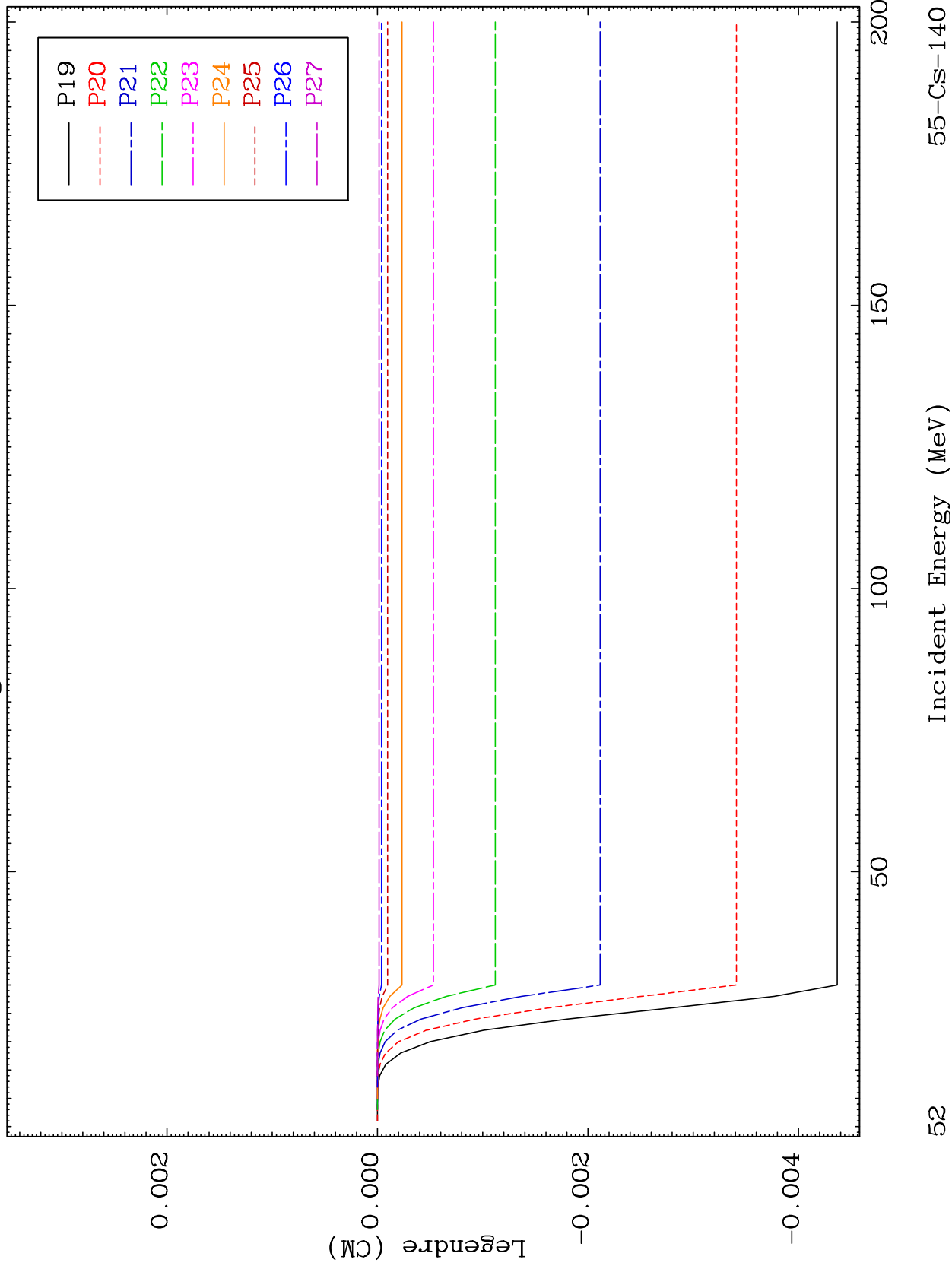
Incident Energy (MeV)

55-Cs-140

MAT 5546

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

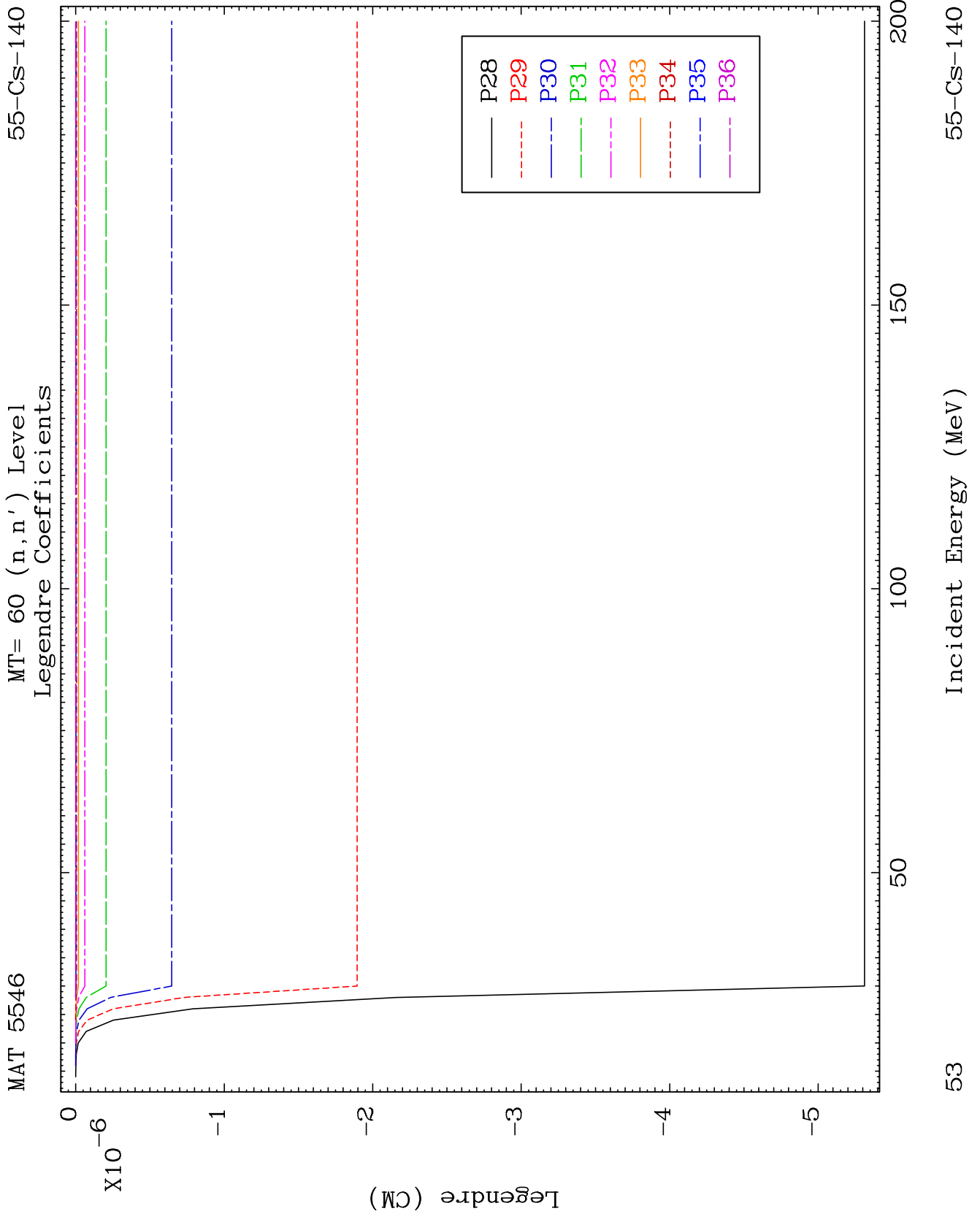
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52

Incident Energy (MeV)

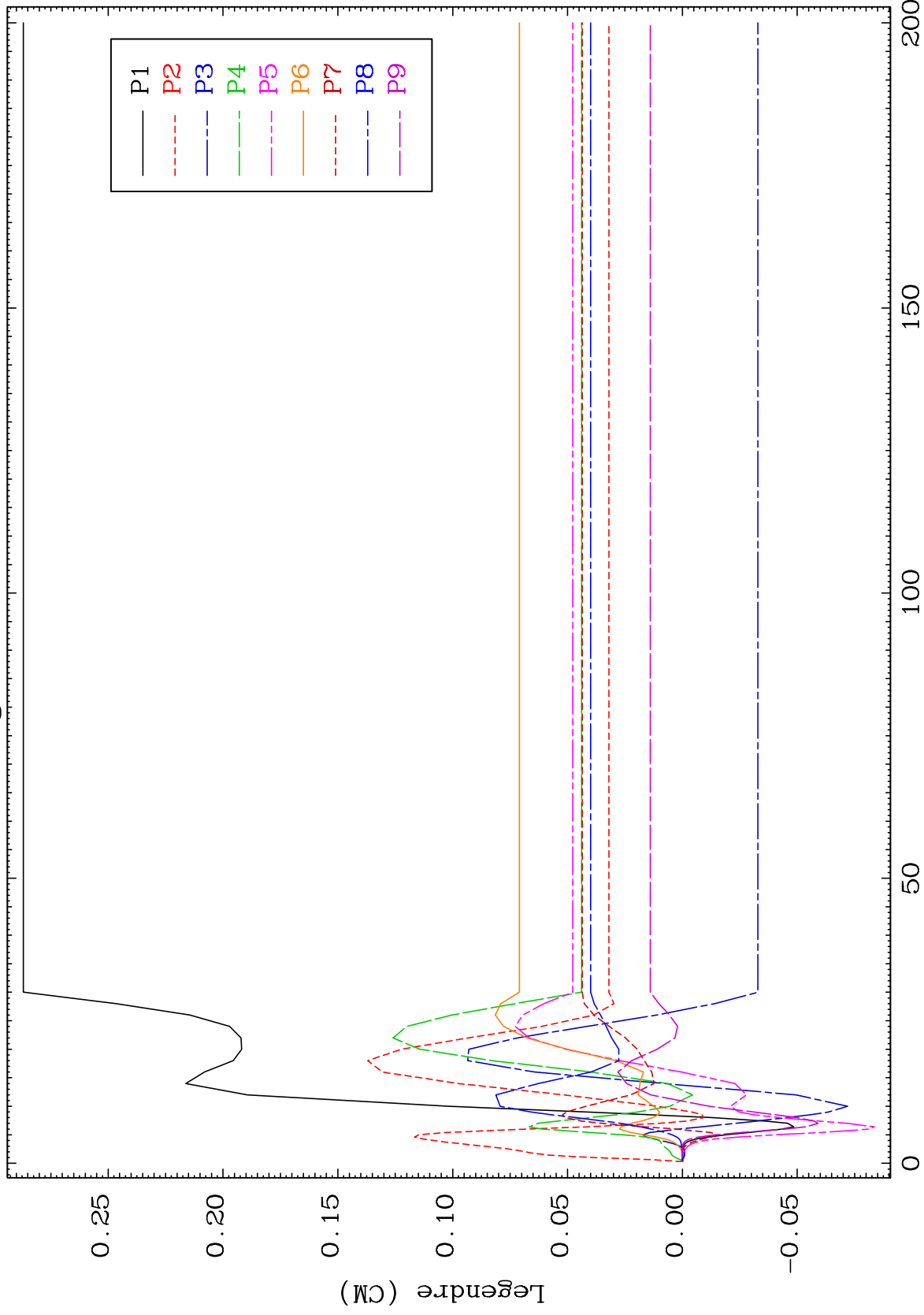
55-Cs-140



MAT 5546

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

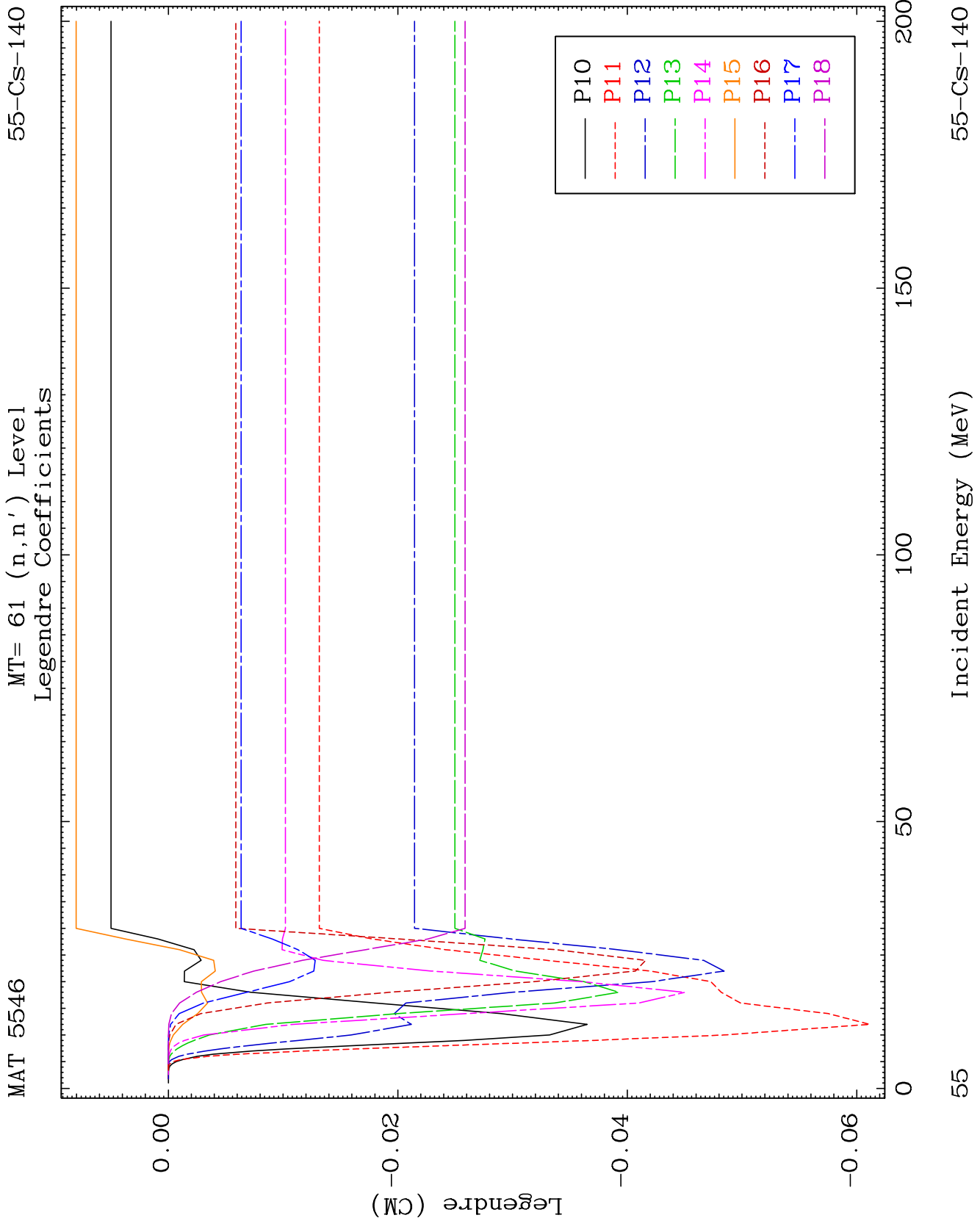
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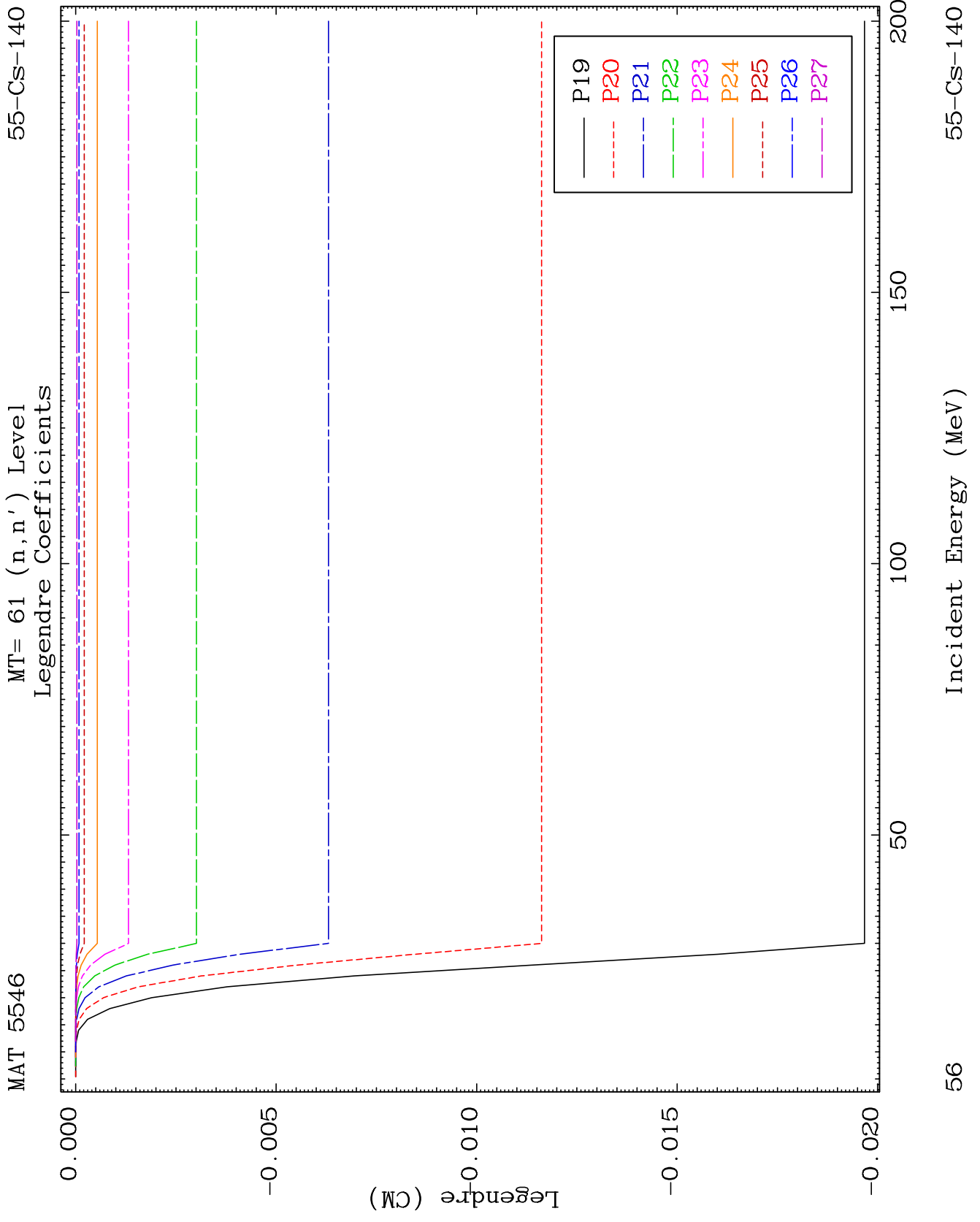


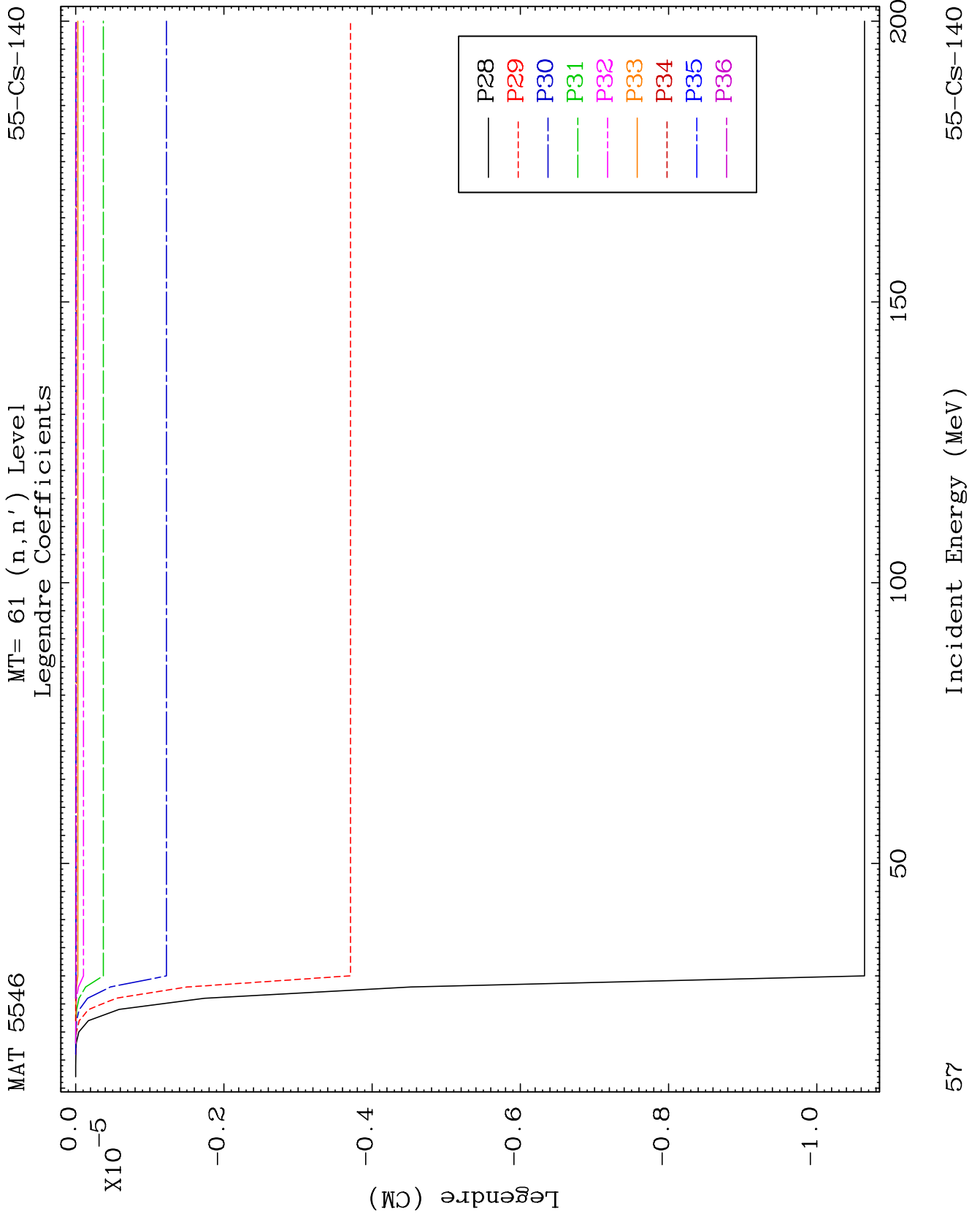
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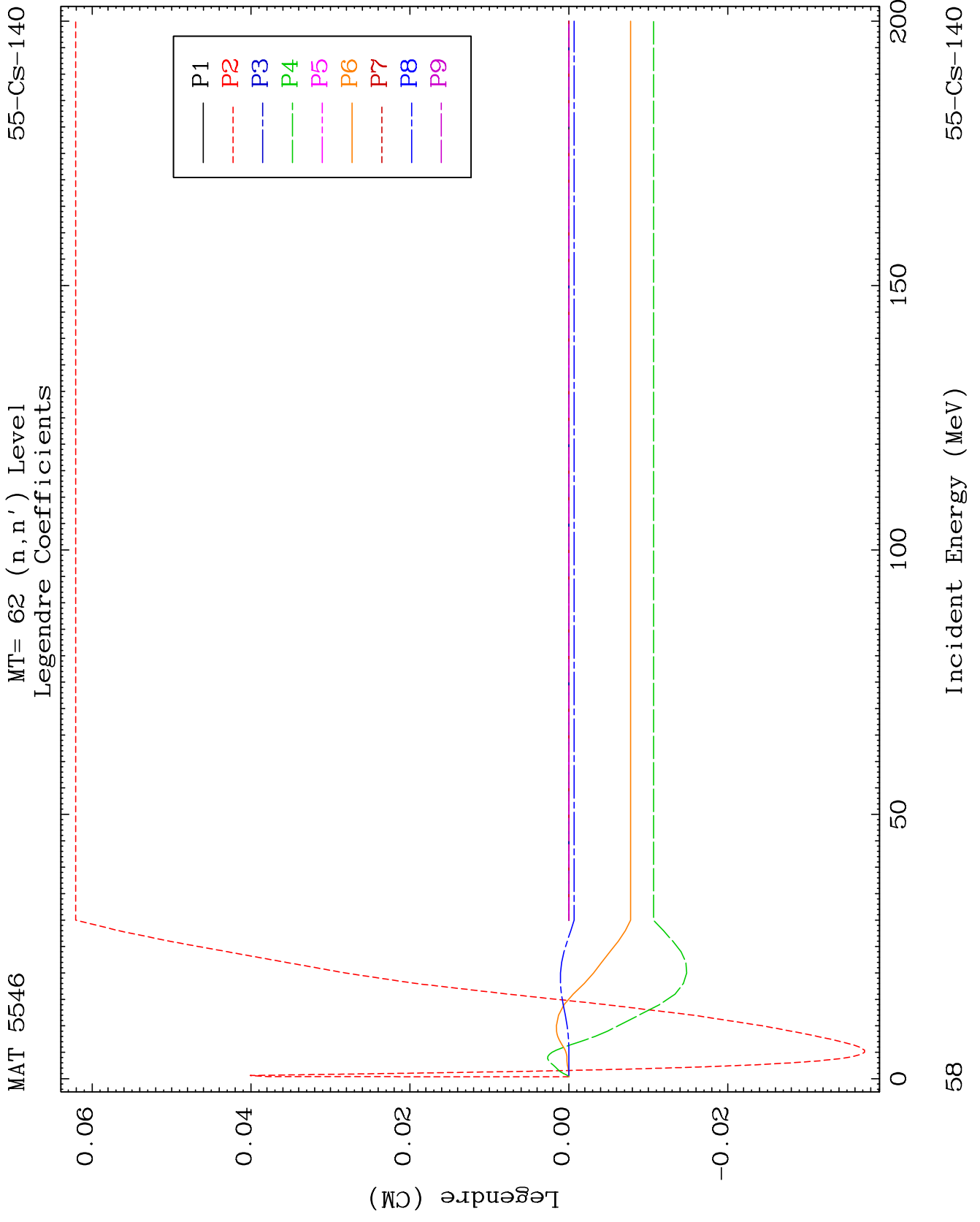
Incident Energy (MeV)

55-Cs-140







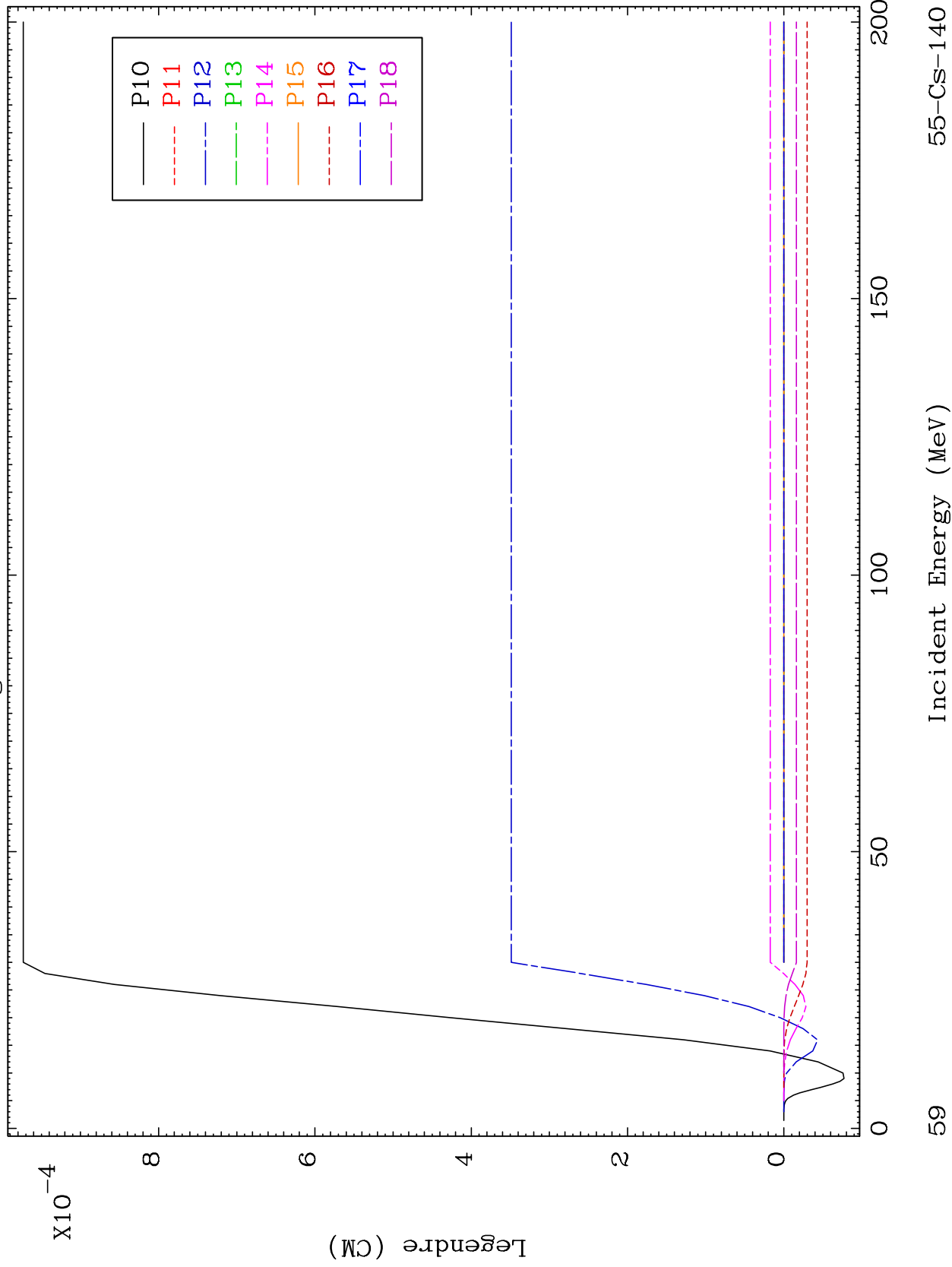


MAT 5546

MT= 62 (n,n') Level

55-Cs-140

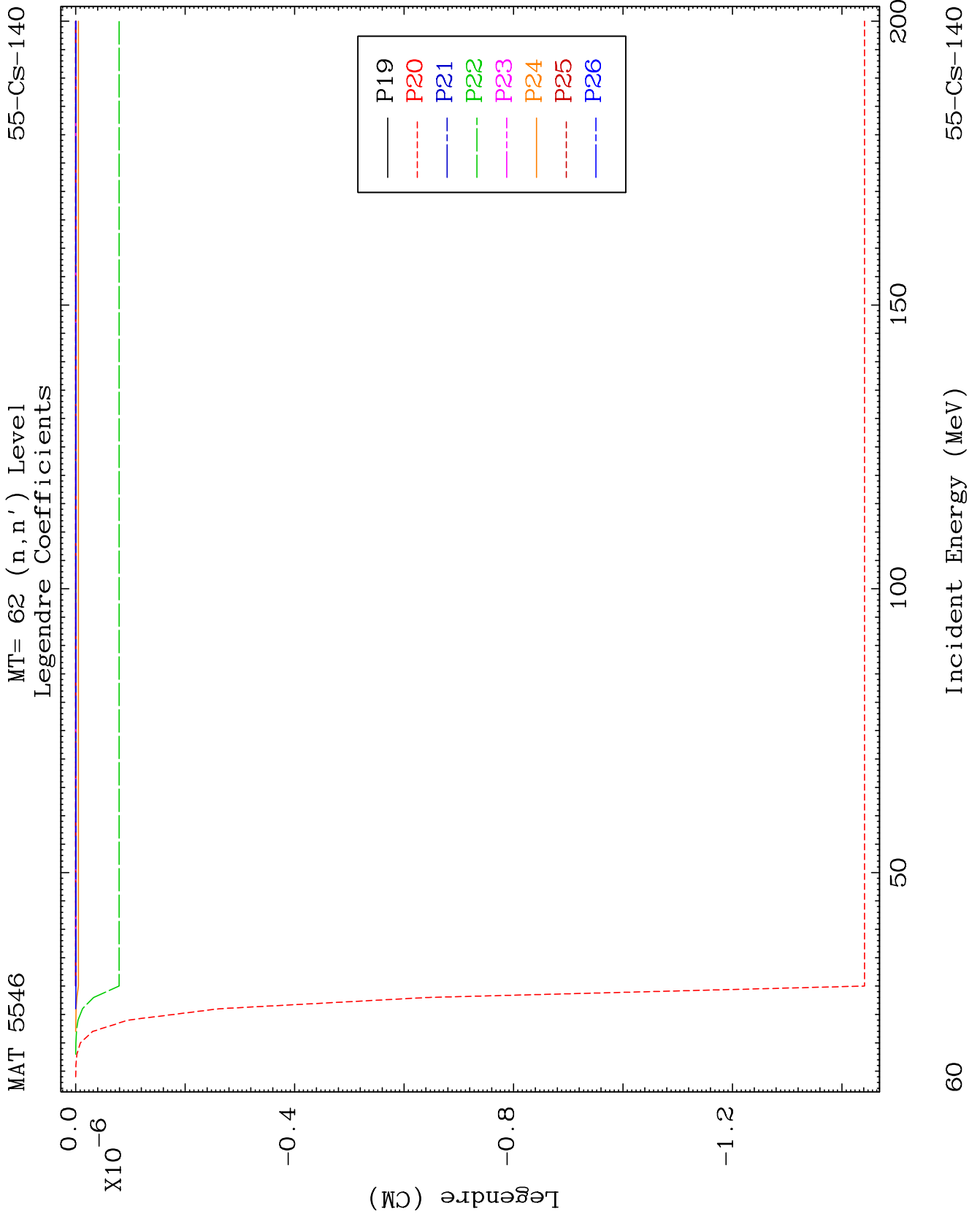
Legendre Coefficients

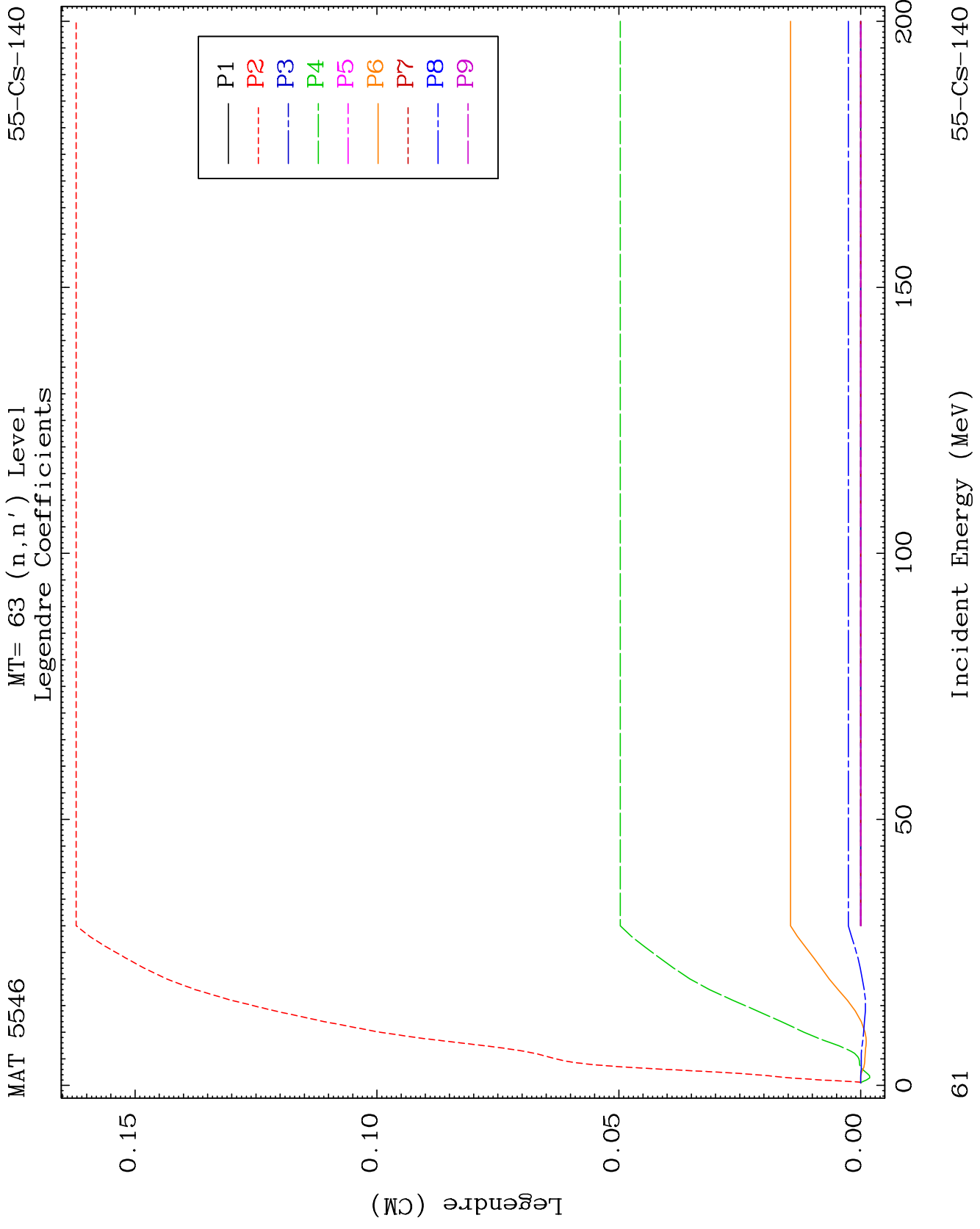


59

Incident Energy (MeV)

55-Cs-140

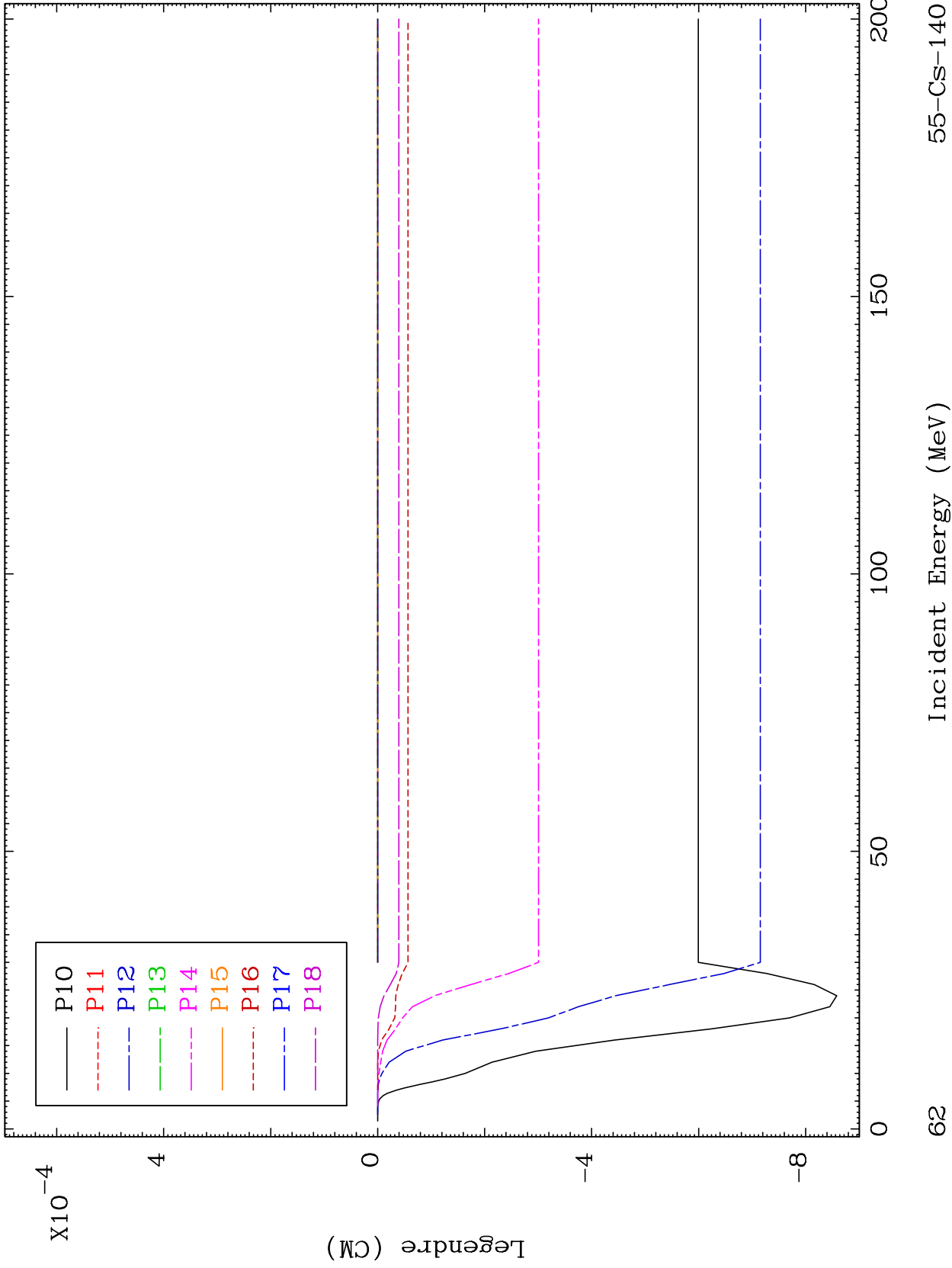




MAT 5546

MT= 63 (n,n') Level
Legendre Coefficients

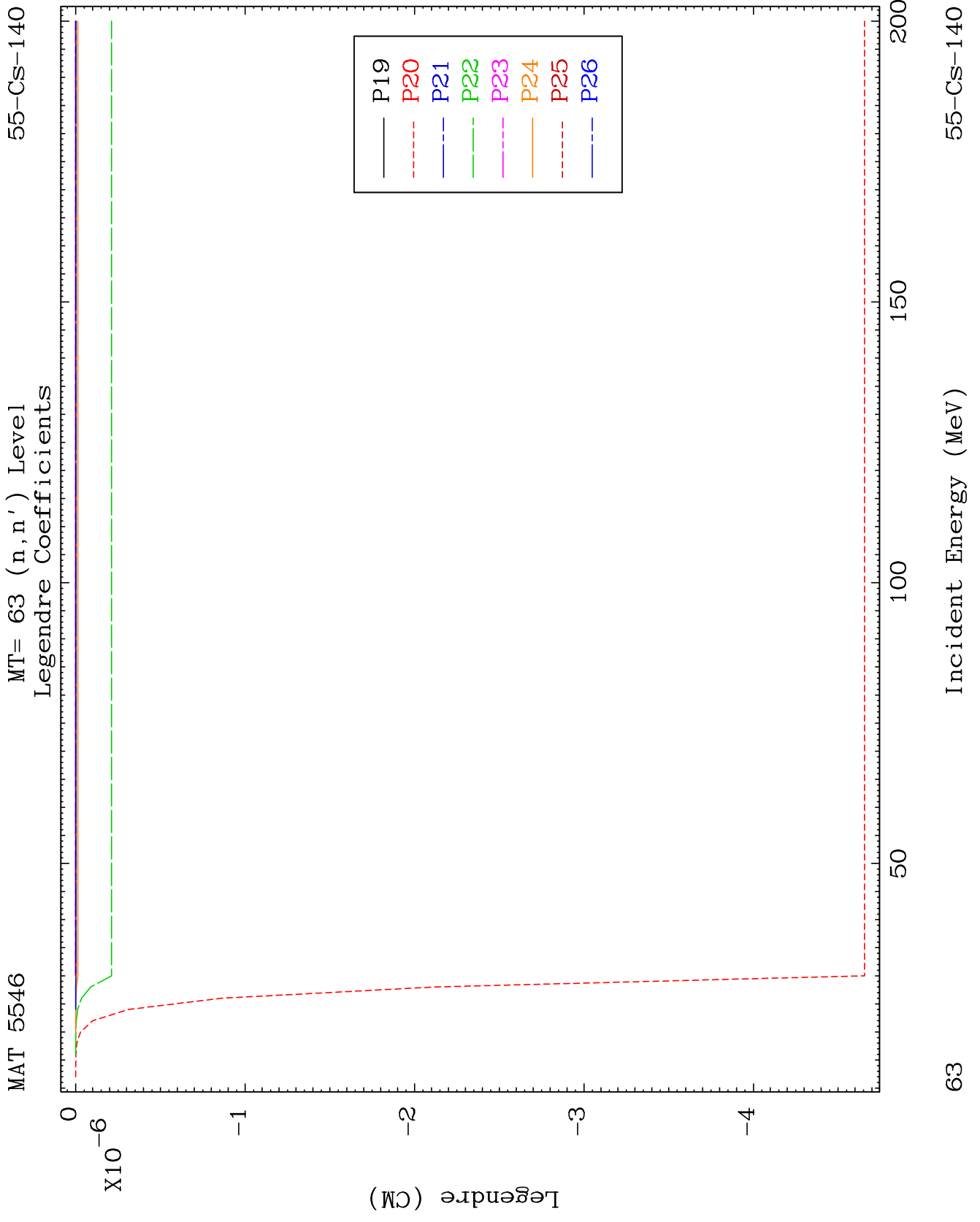
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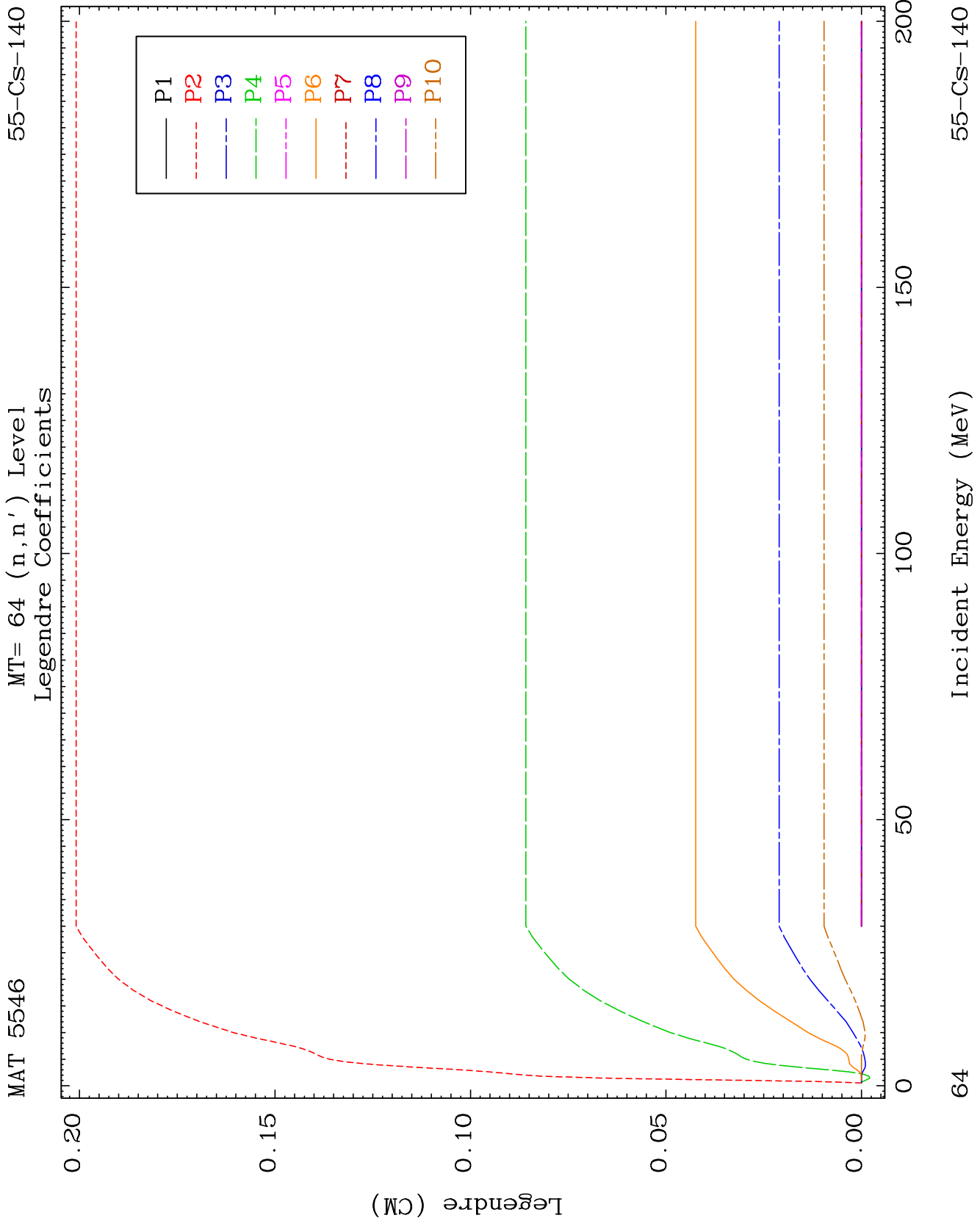


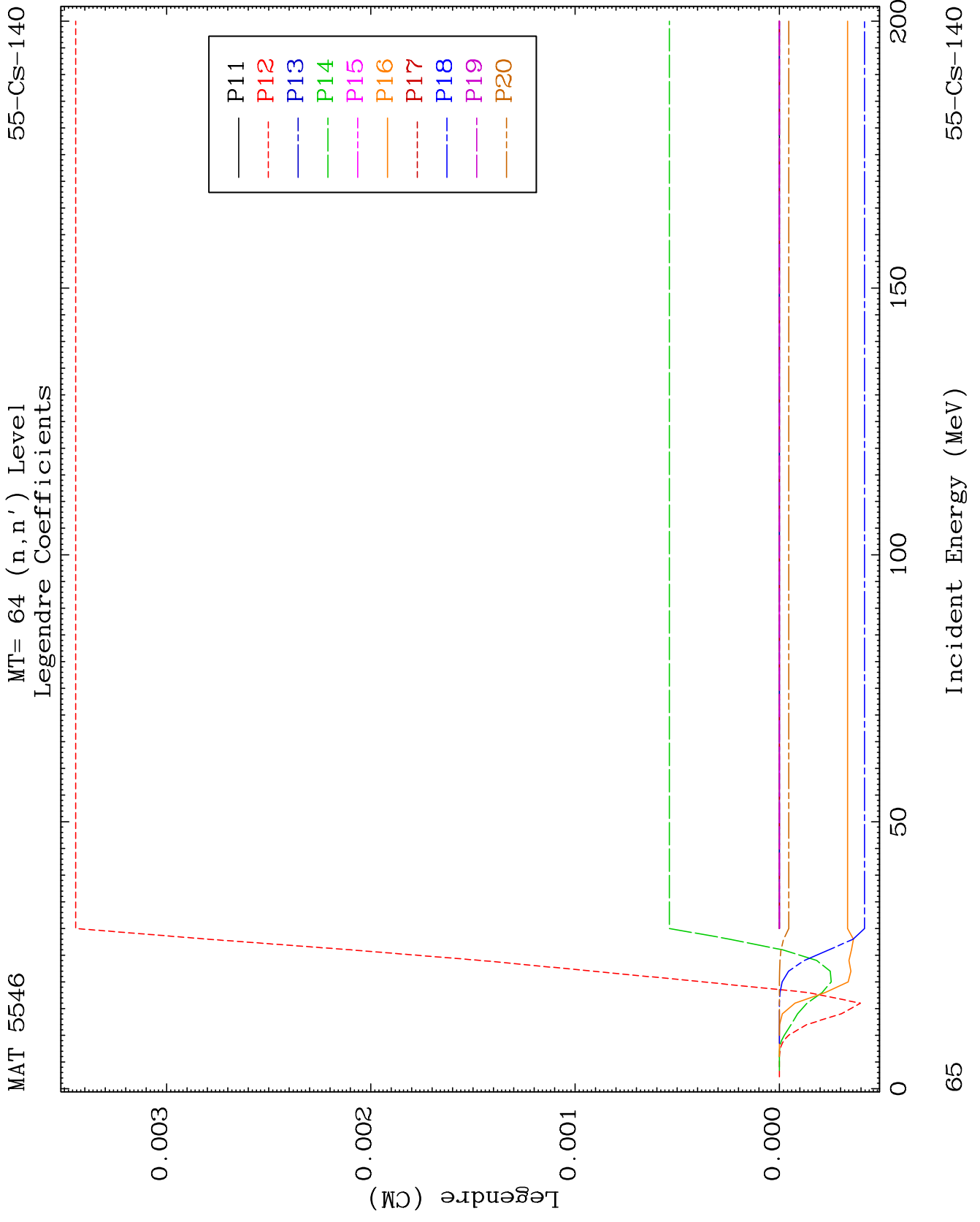
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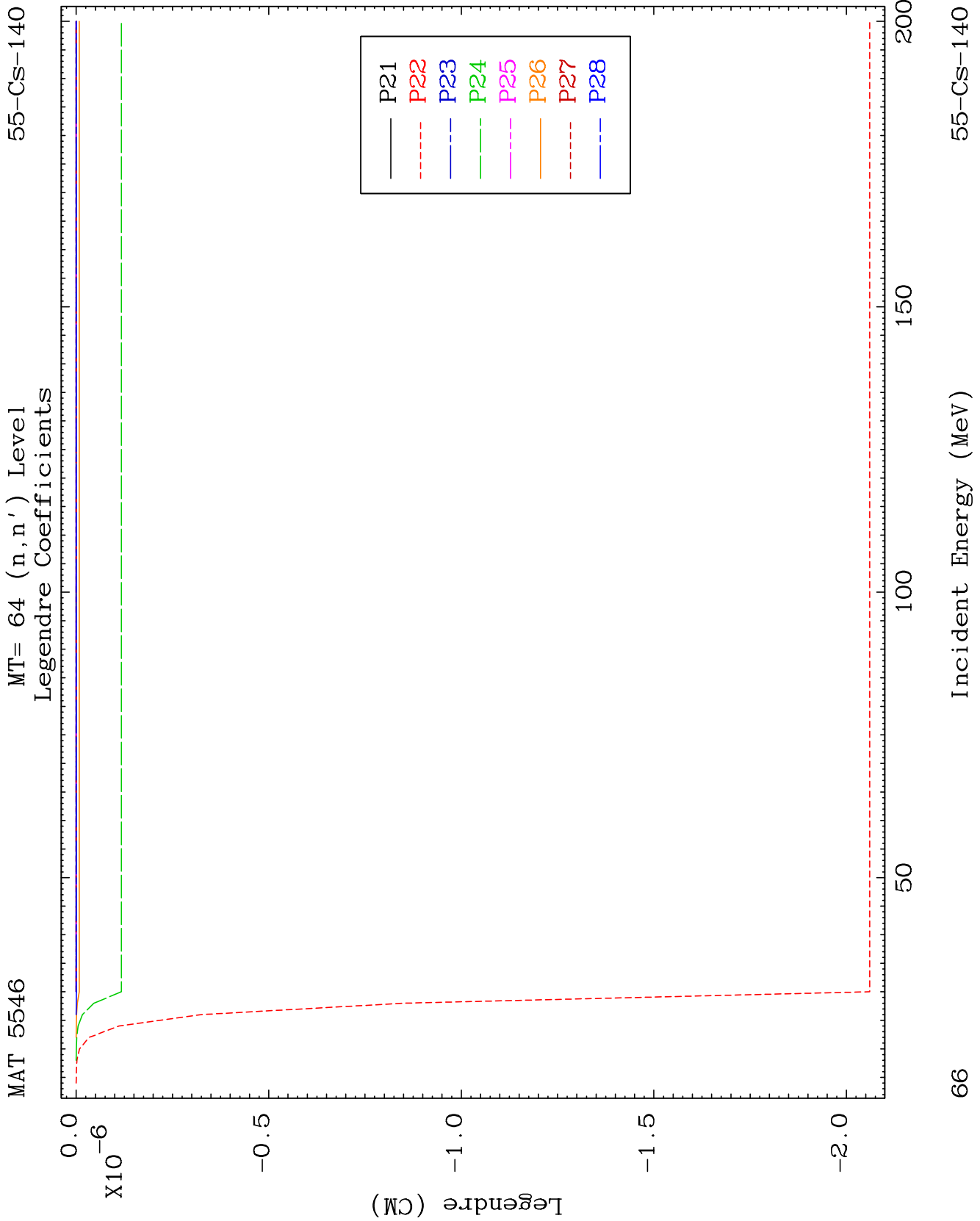
Incident Energy (MeV)

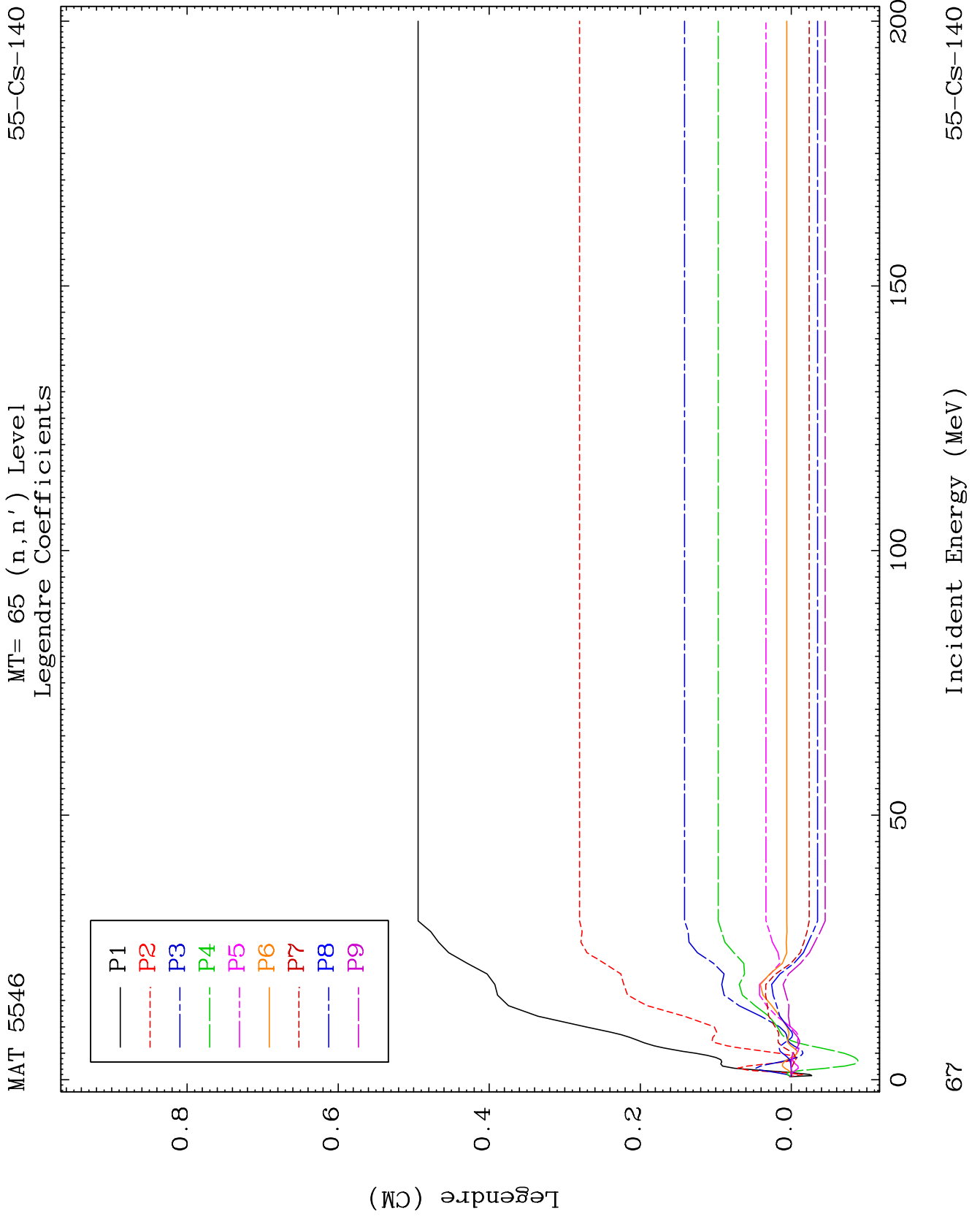
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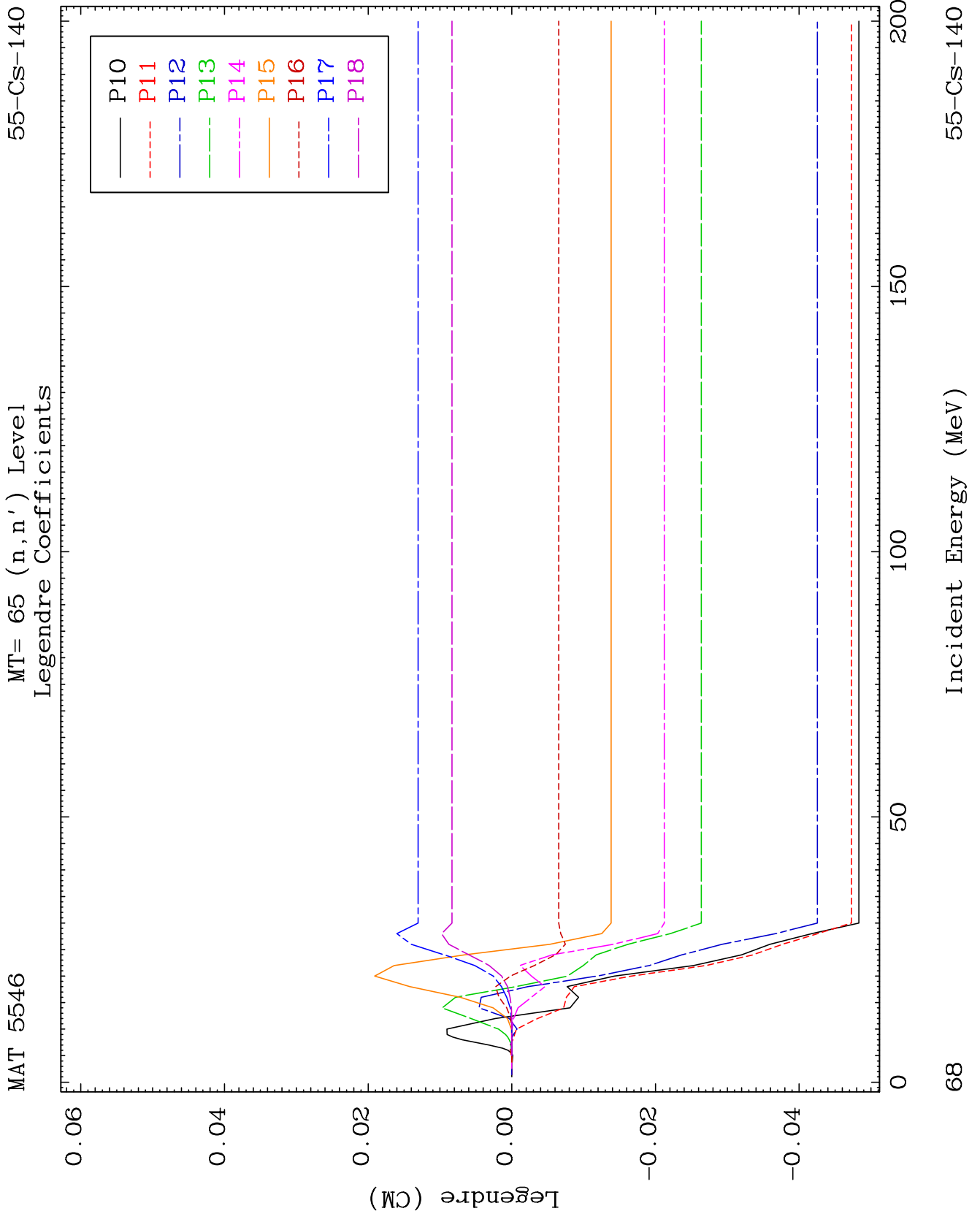








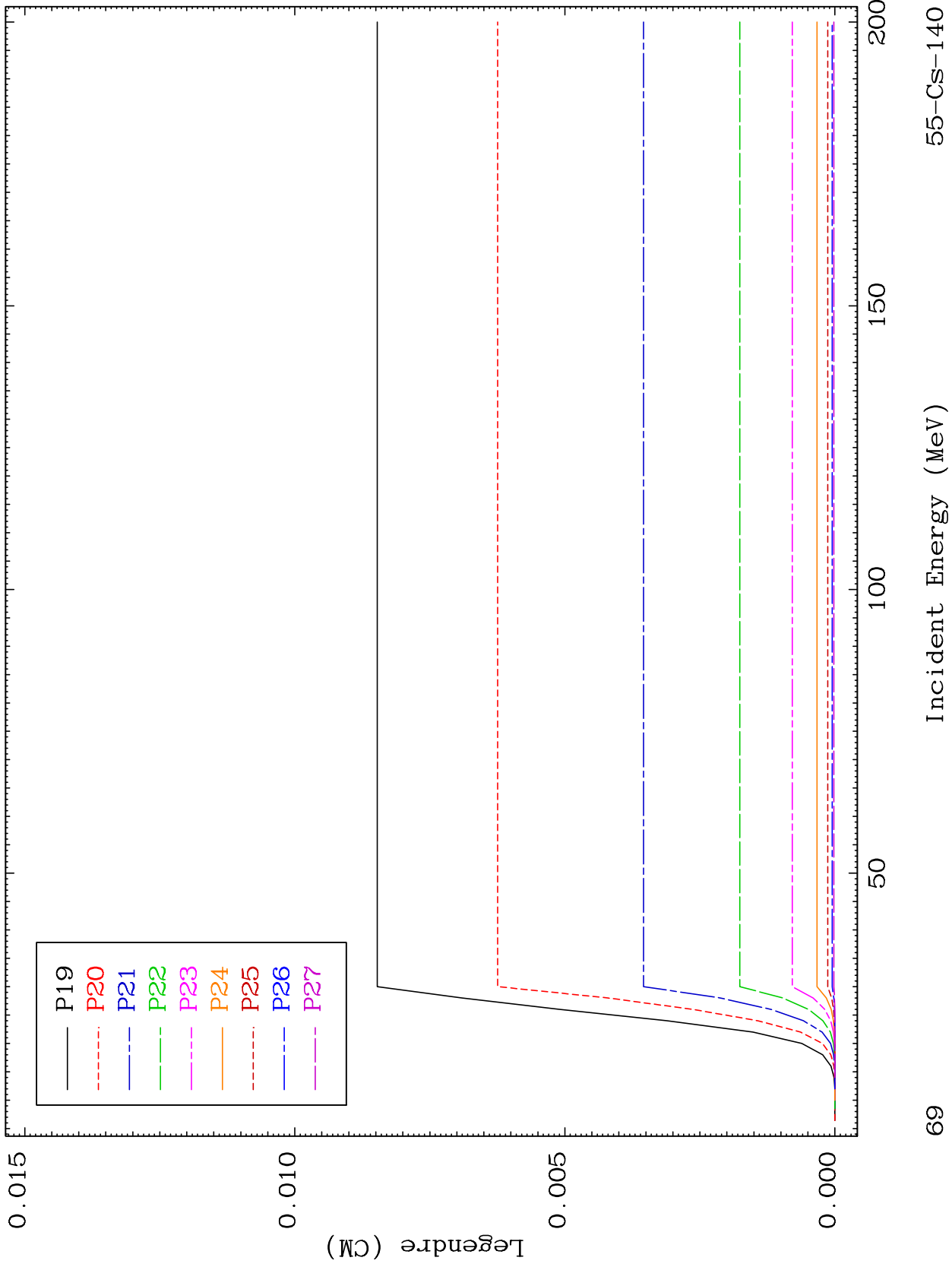




MAT 5546

MT= 65 (n,n') Level
Legendre Coefficients

55-Cs-140



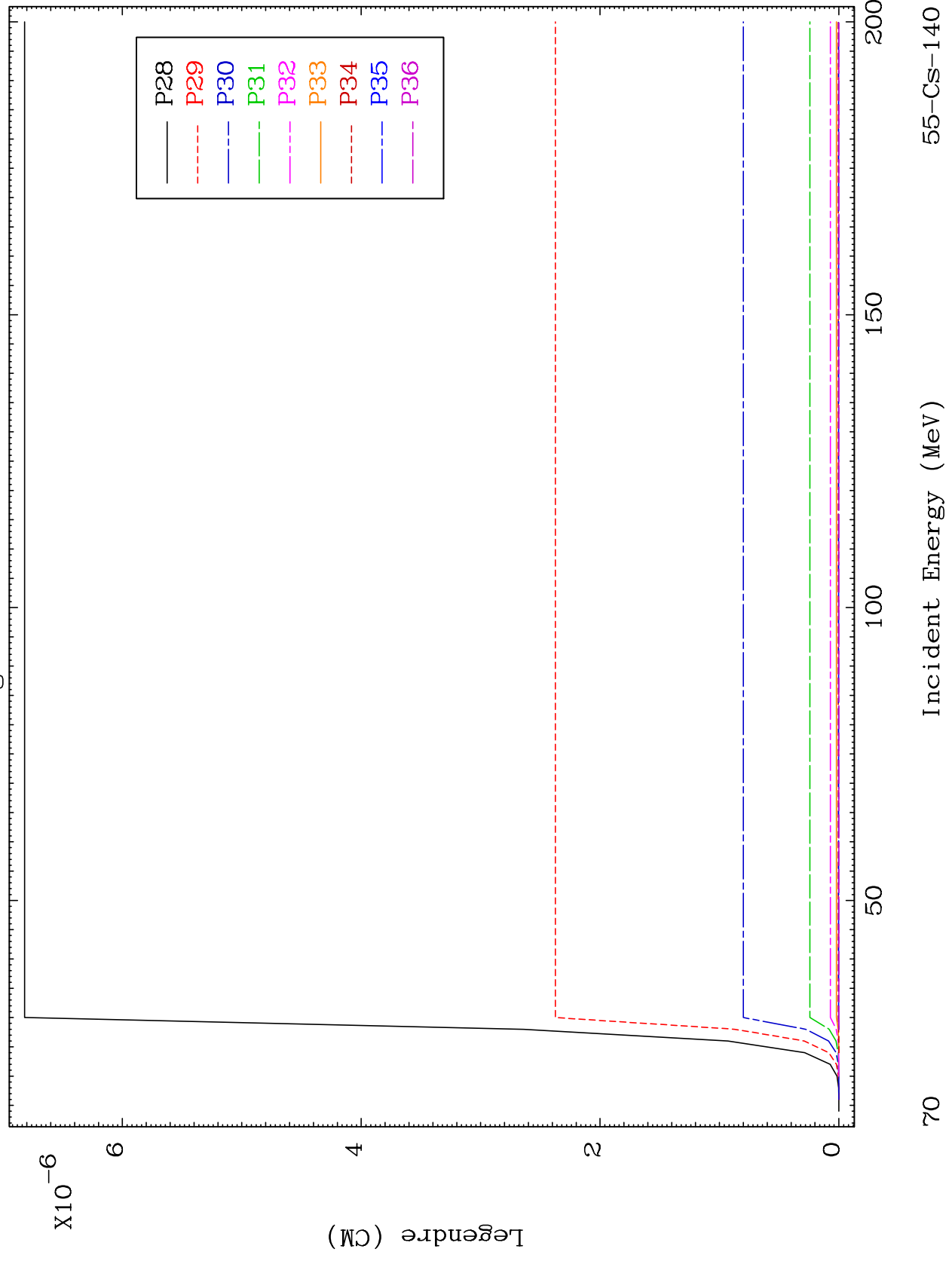
69

55-Cs-140

MAT 5546

MT= 65 (n,n') Level
Legendre Coefficients

55-Cs-140

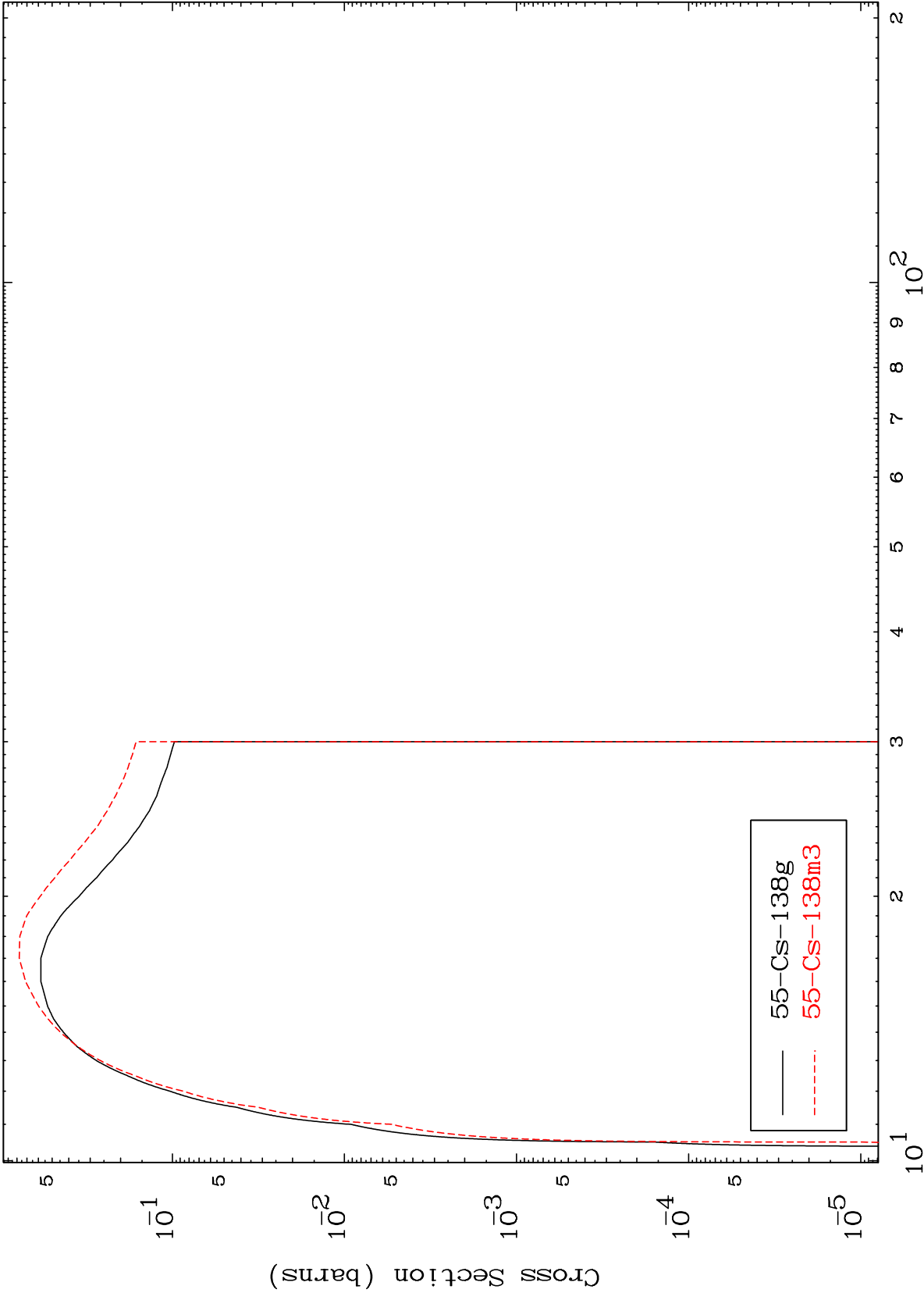


MAT 5546

(n,3n)

55-Cs-140

Radionuclide Production Cross Section



Incident Energy (MeV)

55-Cs-140

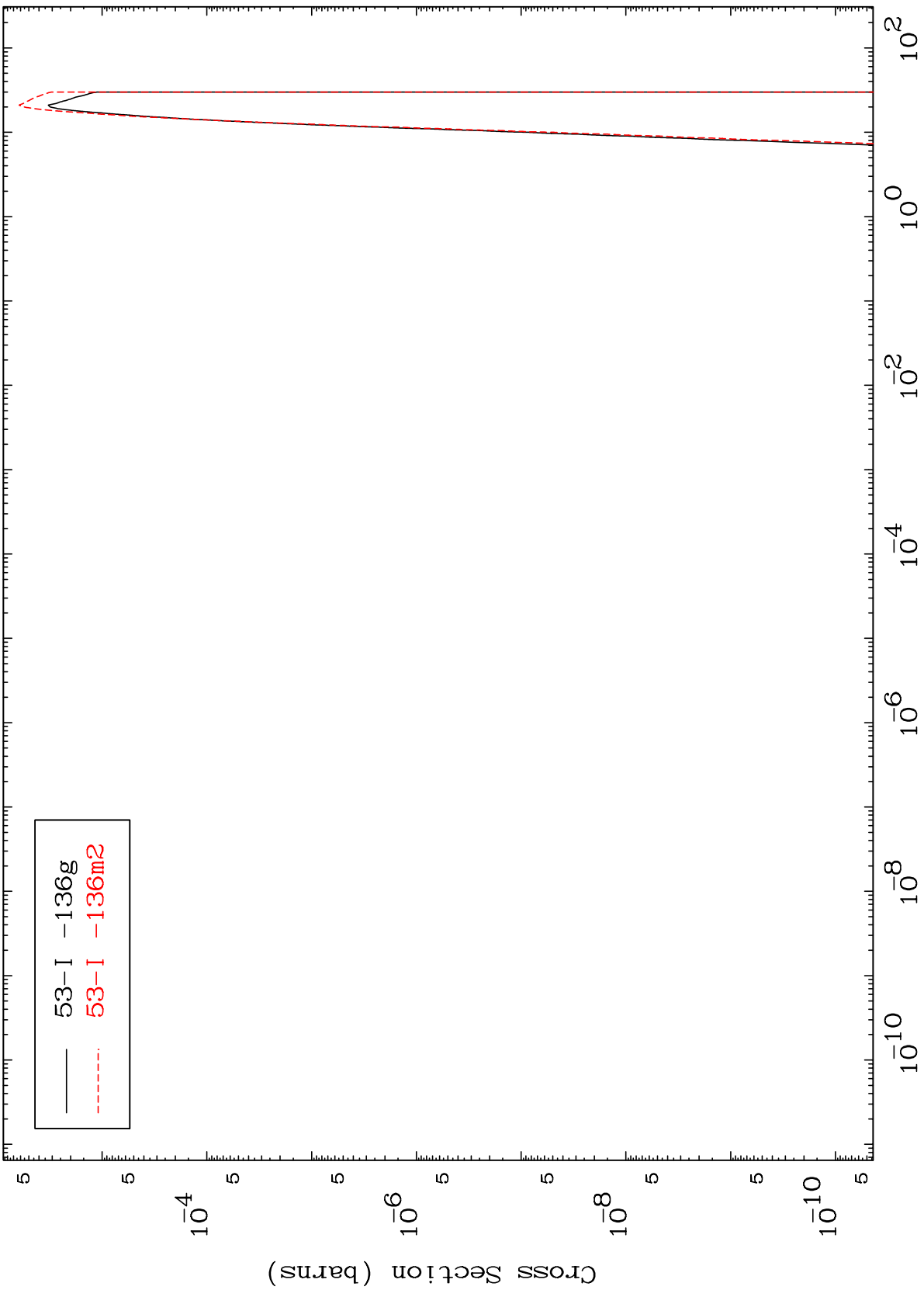
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MAT 5546

(n,n') α

55-Cs-140

Radionuclide Production Cross Section



72

Incident Energy (MeV)

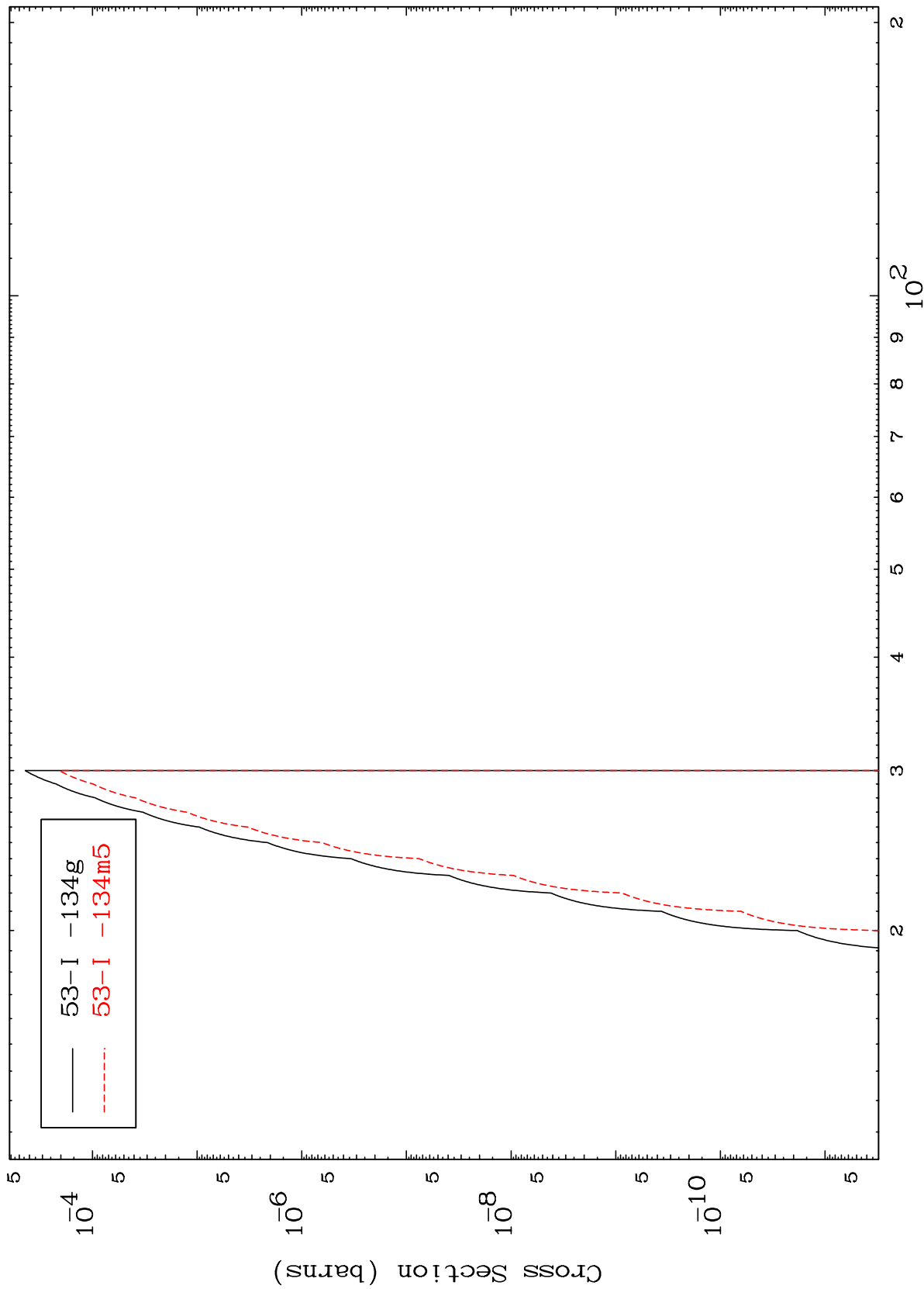
55-Cs-140

MAT 5546

(n,3n) α

55-Cs-140

Radionuclide Production Cross Section



73

Incident Energy (MeV)

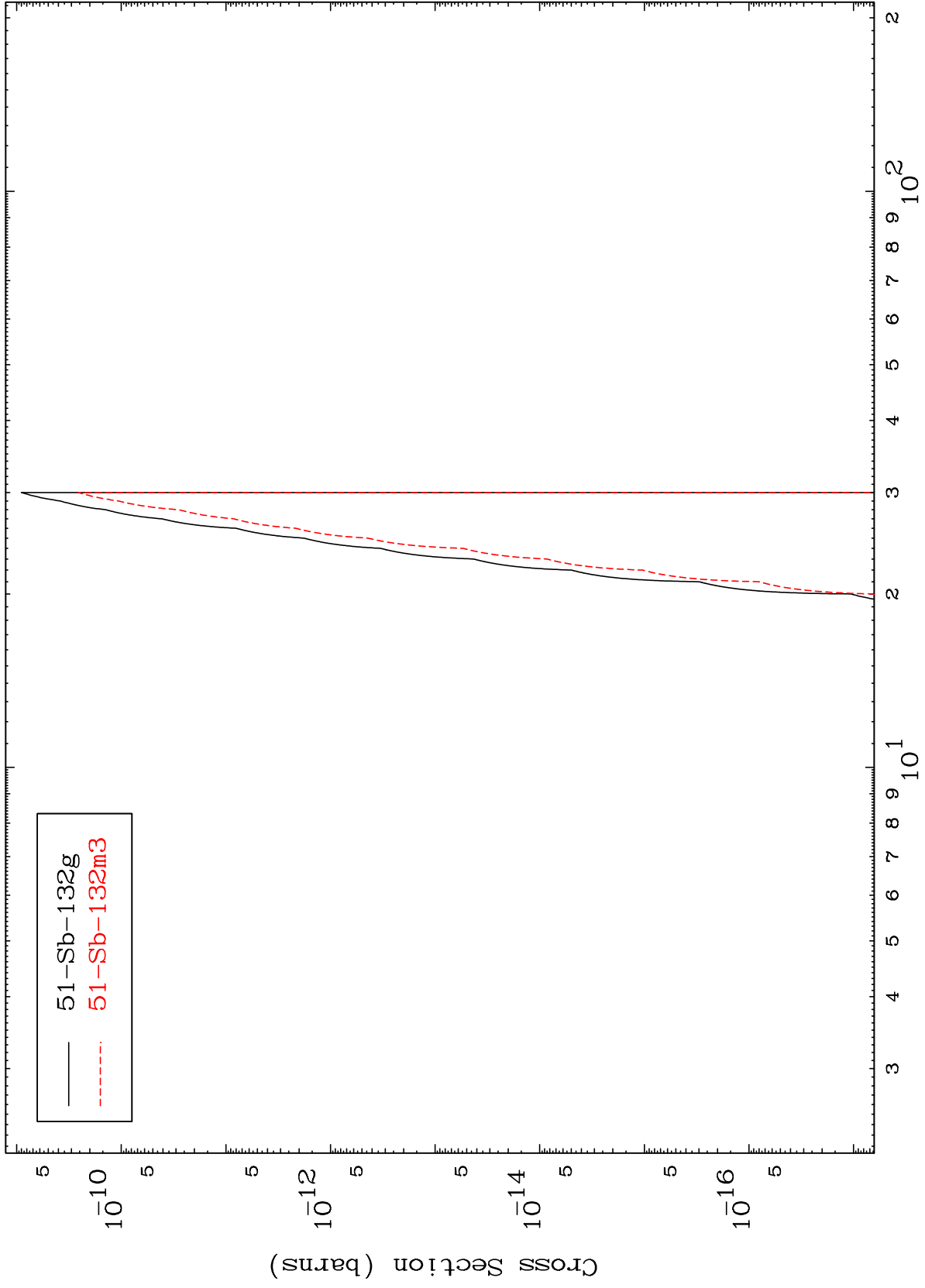
55-Cs-140

MAT 5546

(n,n') 2α

55-Cs-140

Radionuclide Production Cross Section



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Incident Energy (MeV)

55-Cs-140