

Program EVALPLOT
(Version 2021-1)

by

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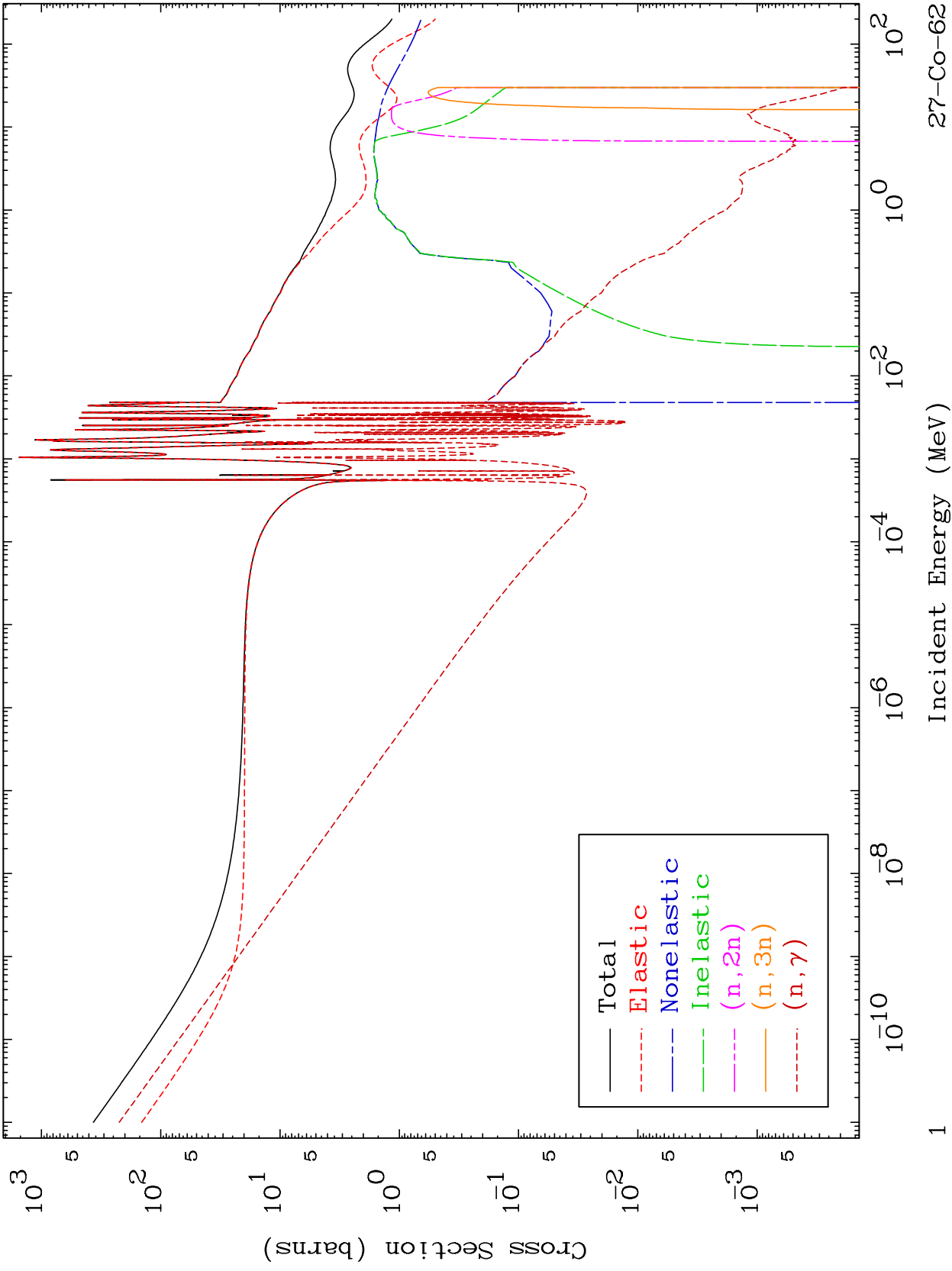
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Press Mouse Button to Start

MAT 2734

Neutron Major
293 Kelvin Cross Sections

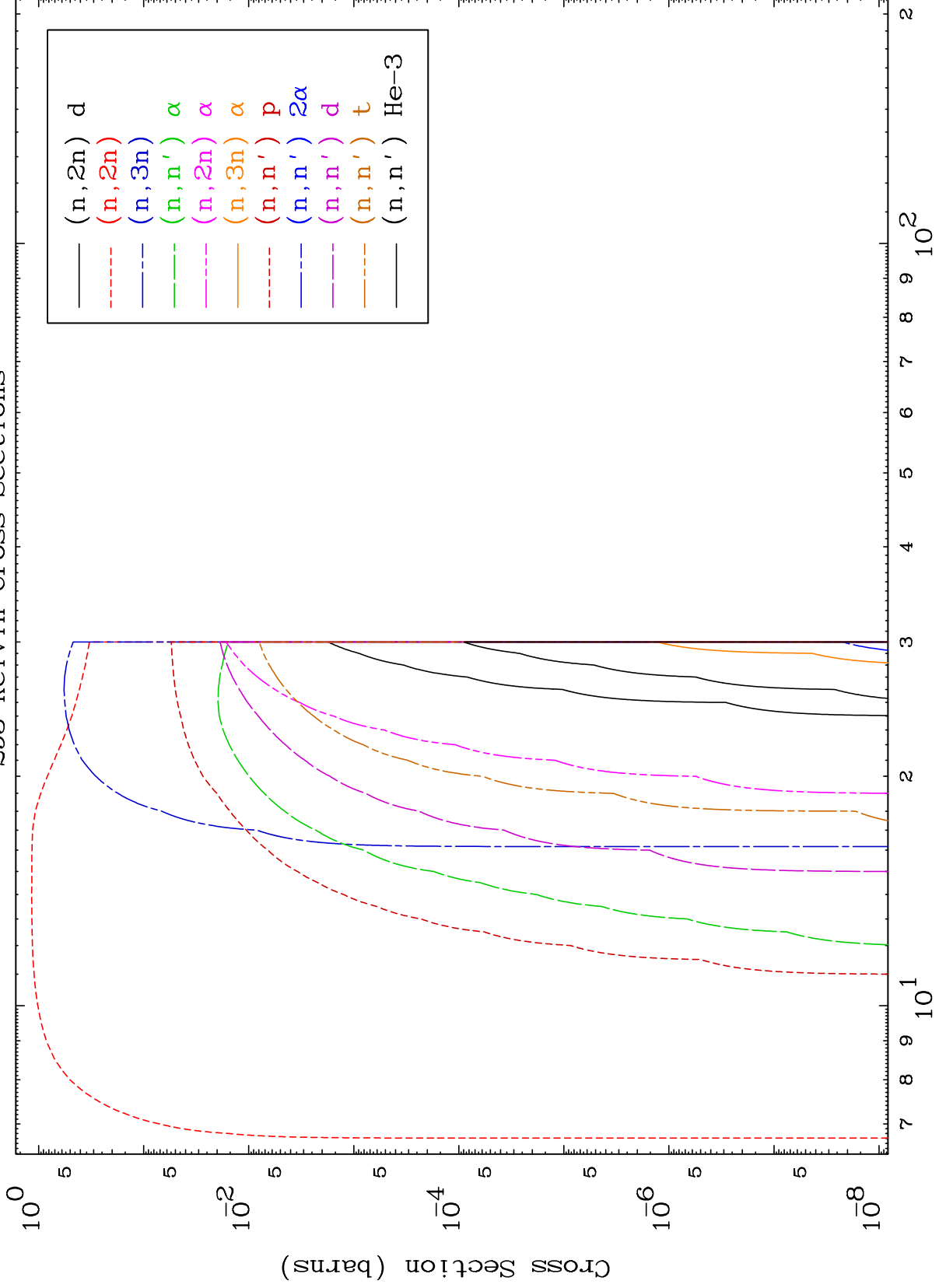
27-Co-62



MAT 2734

Neutron Absorption
293 Kelvin Cross Sections

27-Co-62



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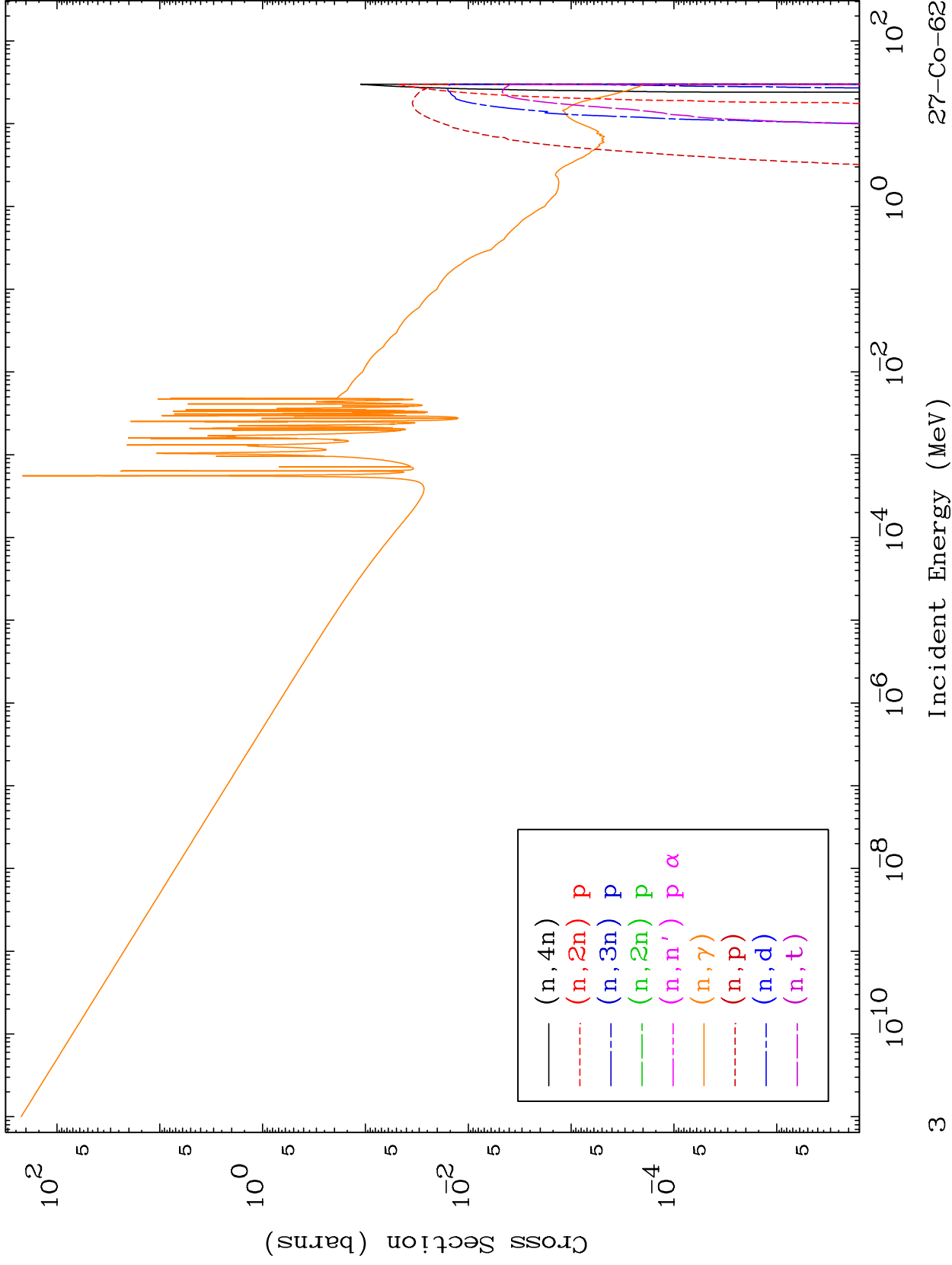
Incident Energy (MeV)

27-Co-62

MAT 2734

Neutron Absorption
293 Kelvin Cross Sections

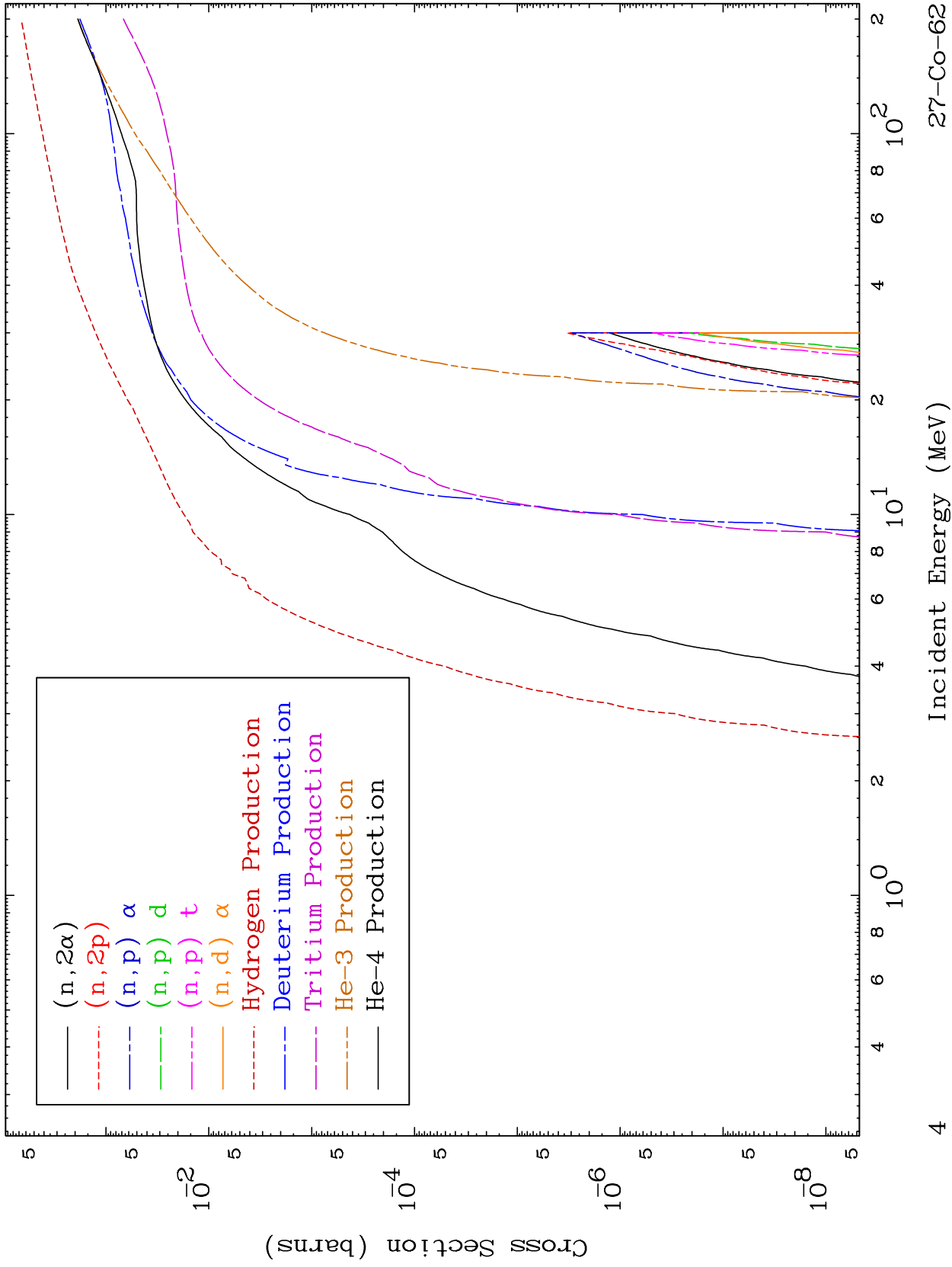
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MAT 2734

Neutron Absorption
293 Kelvin Cross Sections

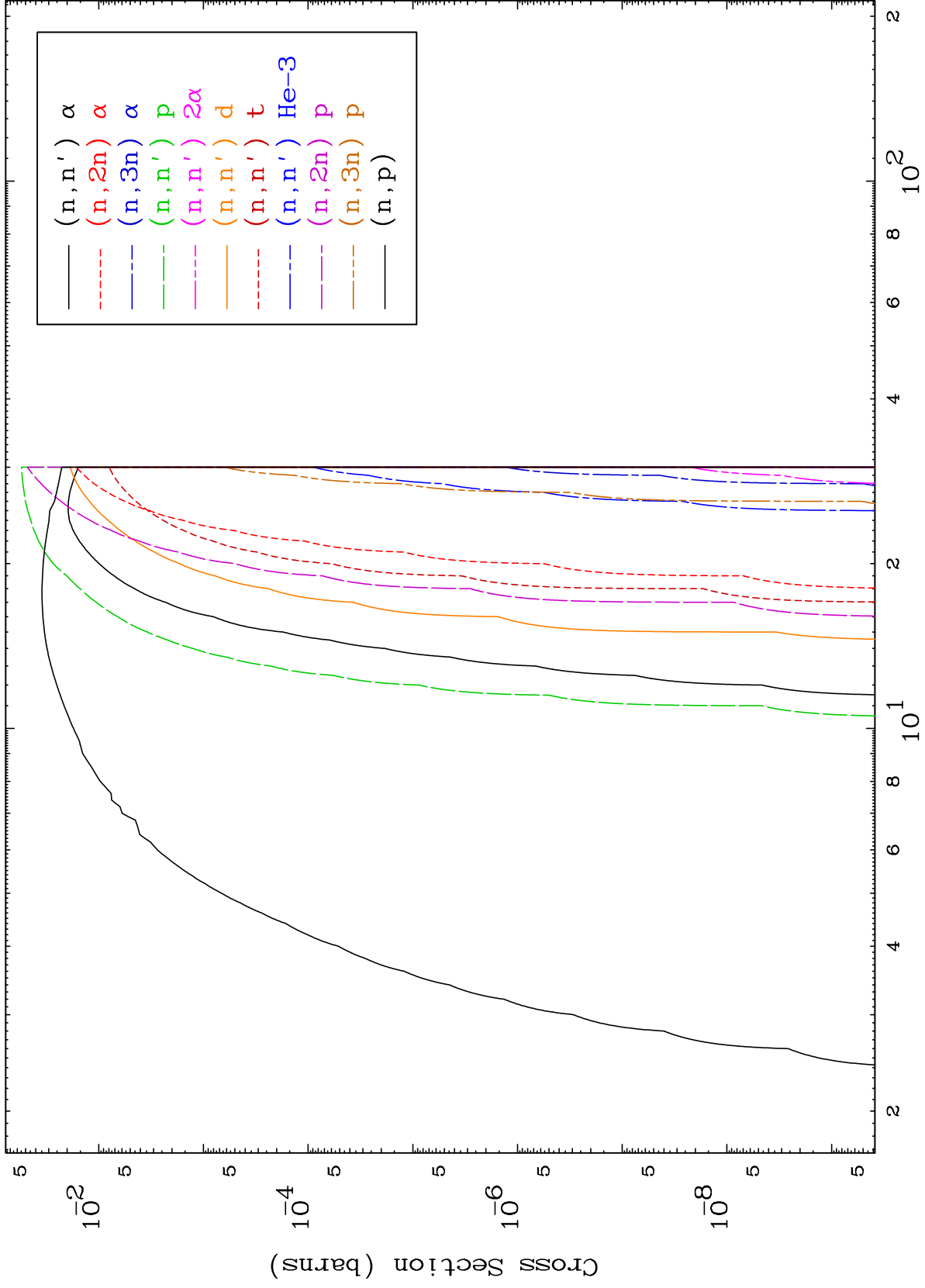
27-Co-62



MAT 2734

Charged Particle
293 Kelvin Cross Sections

27-Co-62



5

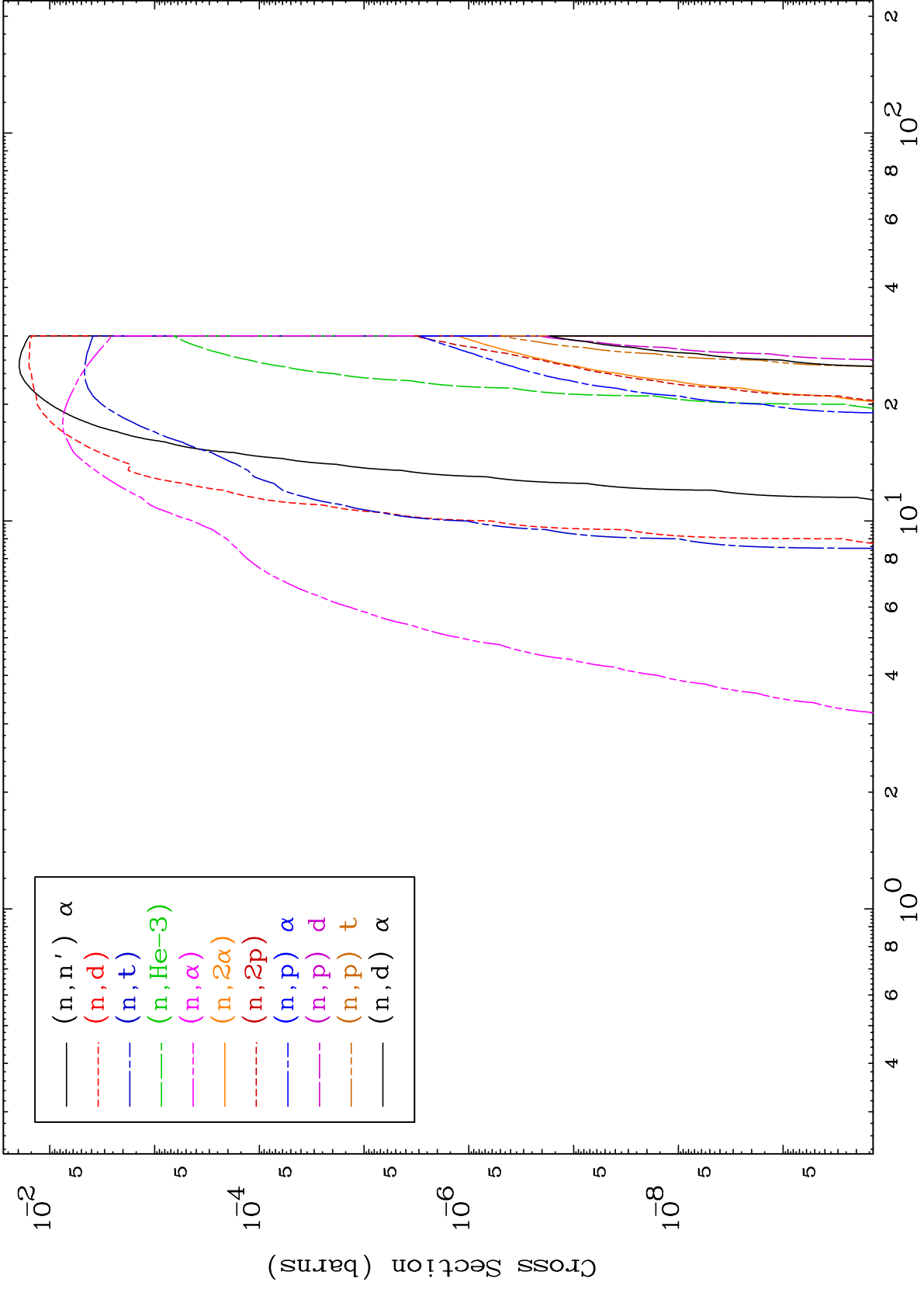
Incident Energy (MeV)

27-Co-62

MAT 2734

Charged Particle
293 Kelvin Cross Sections

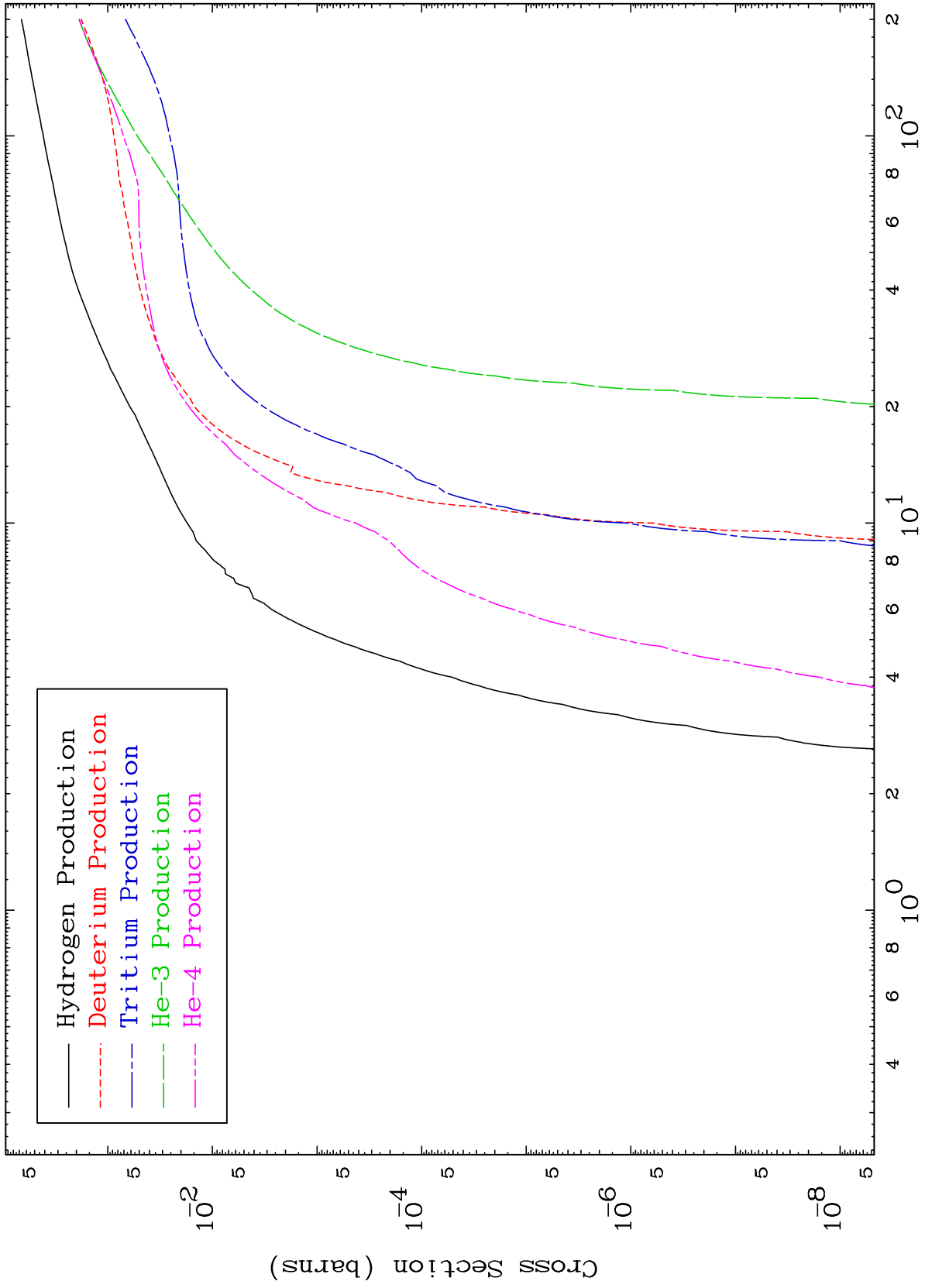
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MAT 2734

Particle Production
293 Kelvin Cross Sections

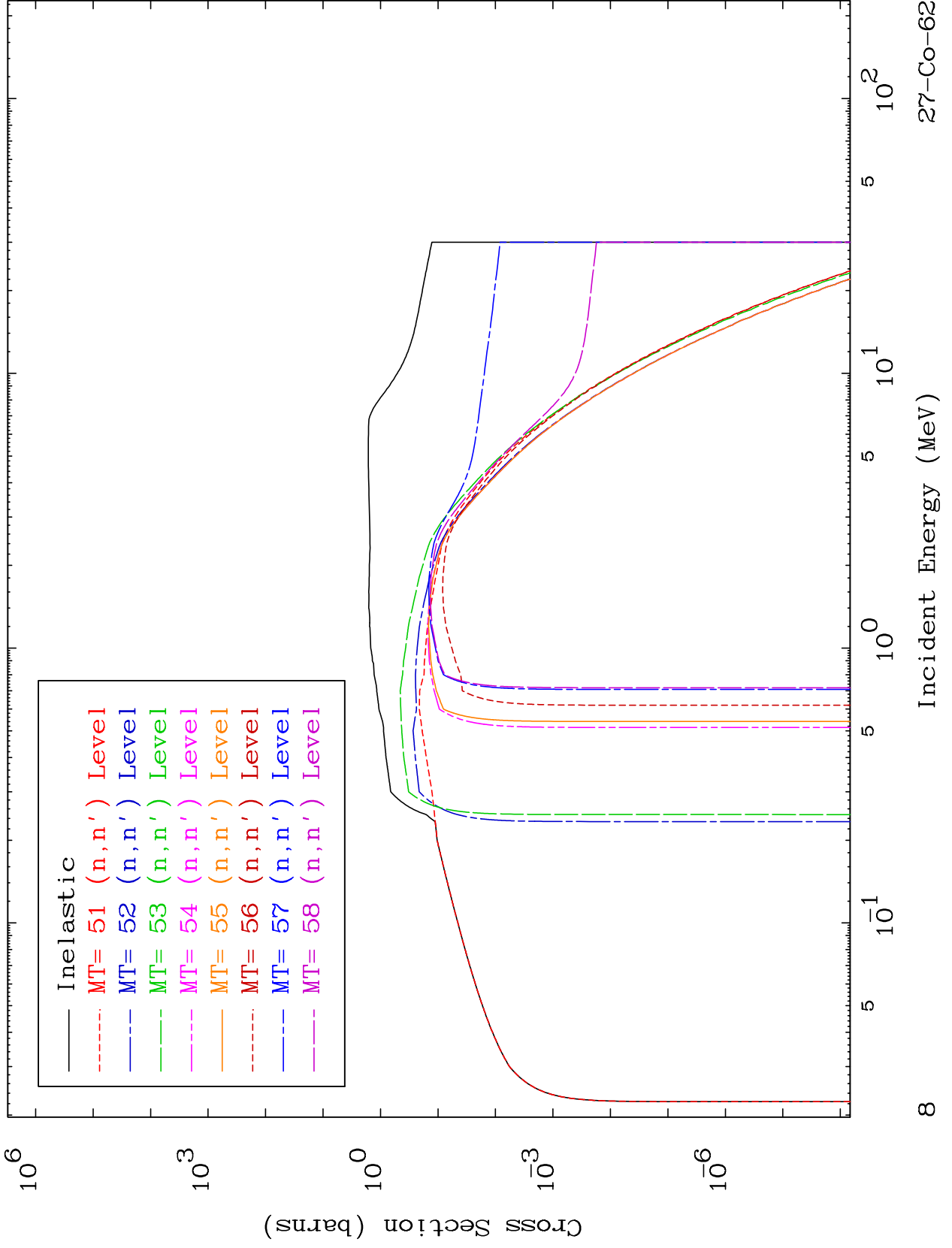
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MAT 2734

293 (n,n') Levels

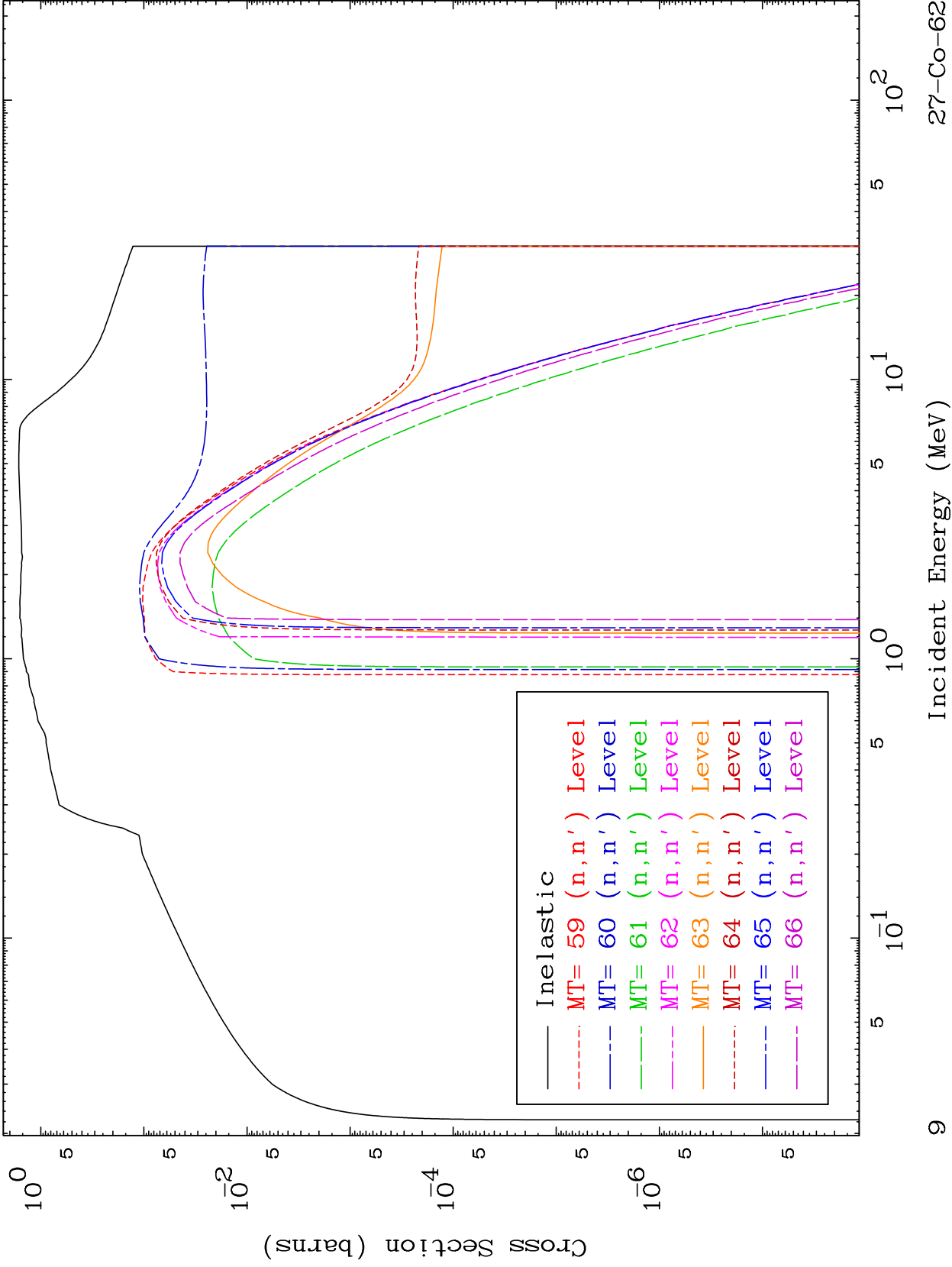
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MAT 2734

293 Kelvin Cross Sections
(n,n') Levels

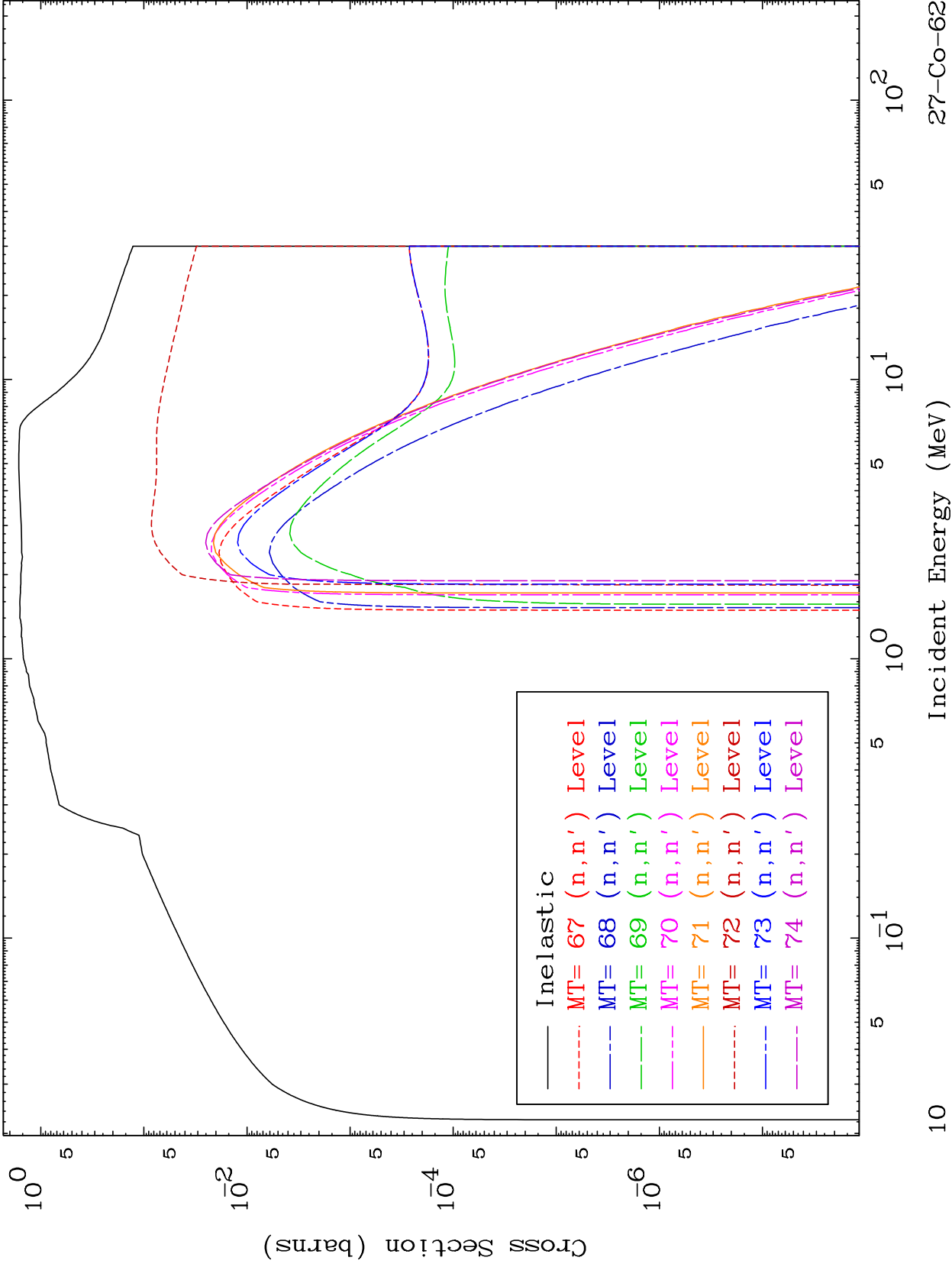
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MAT 2734

293 Kelvin Cross Sections
(n,n') Levels

27-Co-62



10

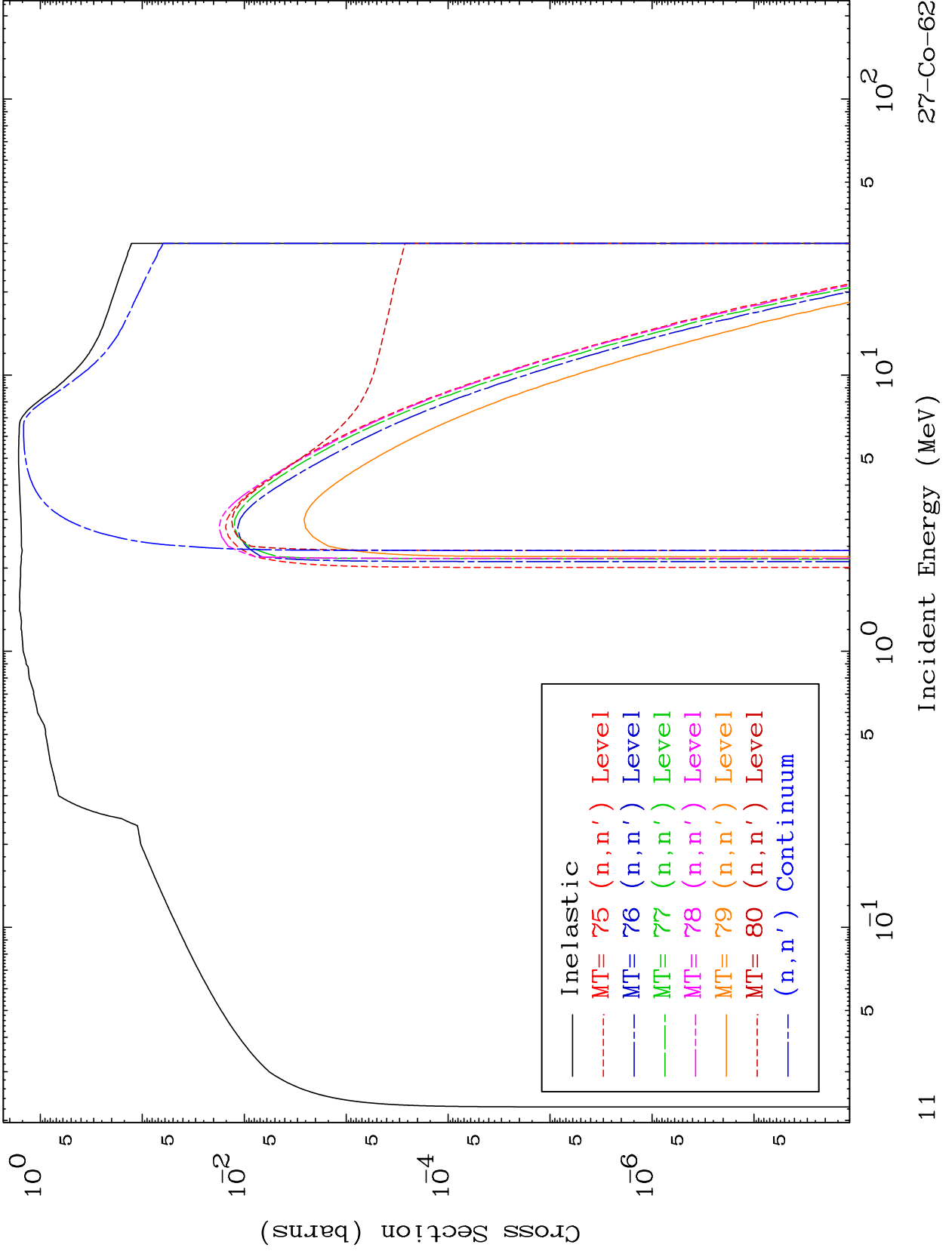
Incident Energy (MeV)

27-Co-62

MAT 2734

293 Kelvin Cross Sections
(n,n') Levels

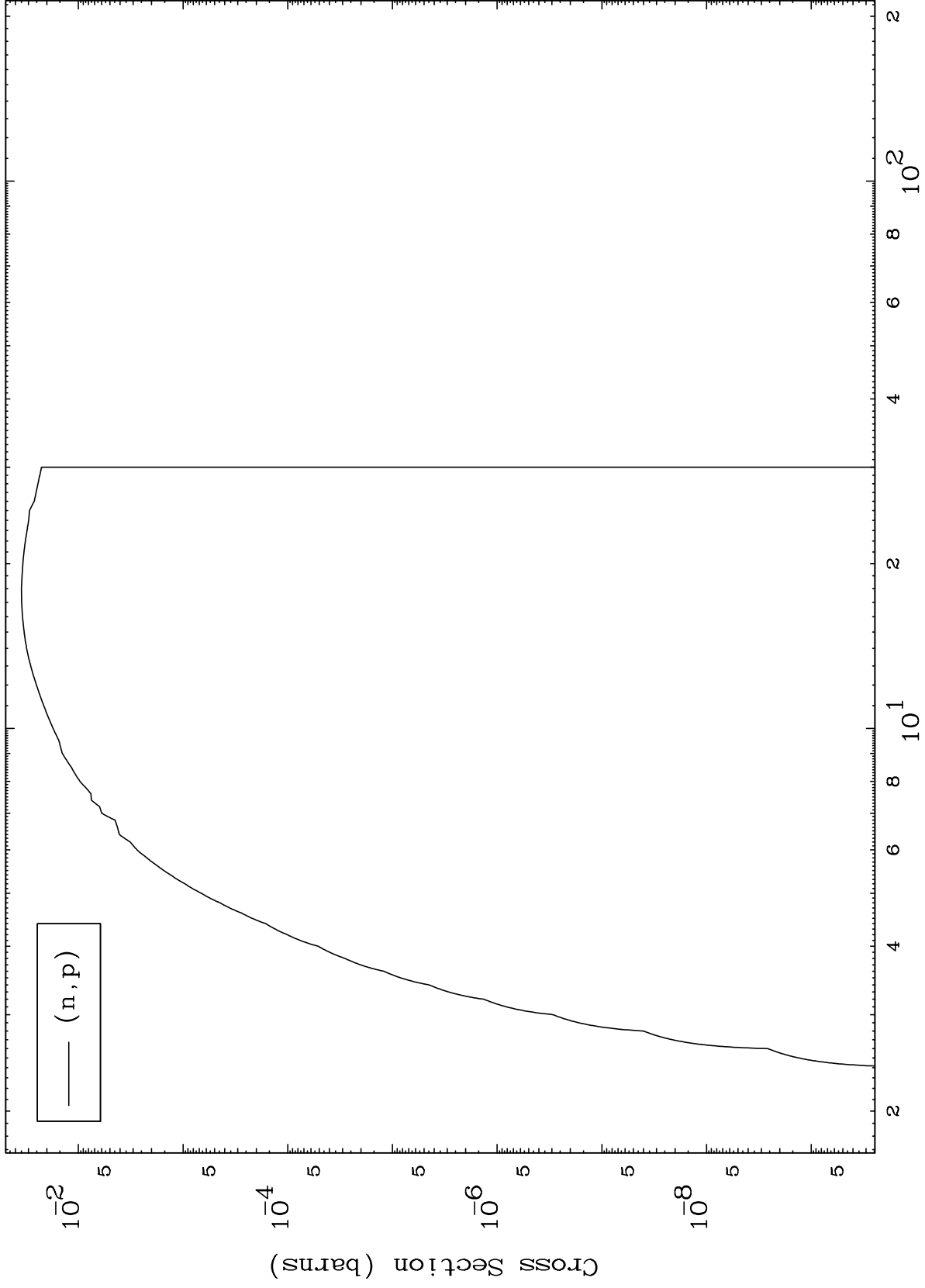
27-Co-62



MAT 2734

(n,p) Levels
293 Kelvin Cross Sections

27-Co-62



12

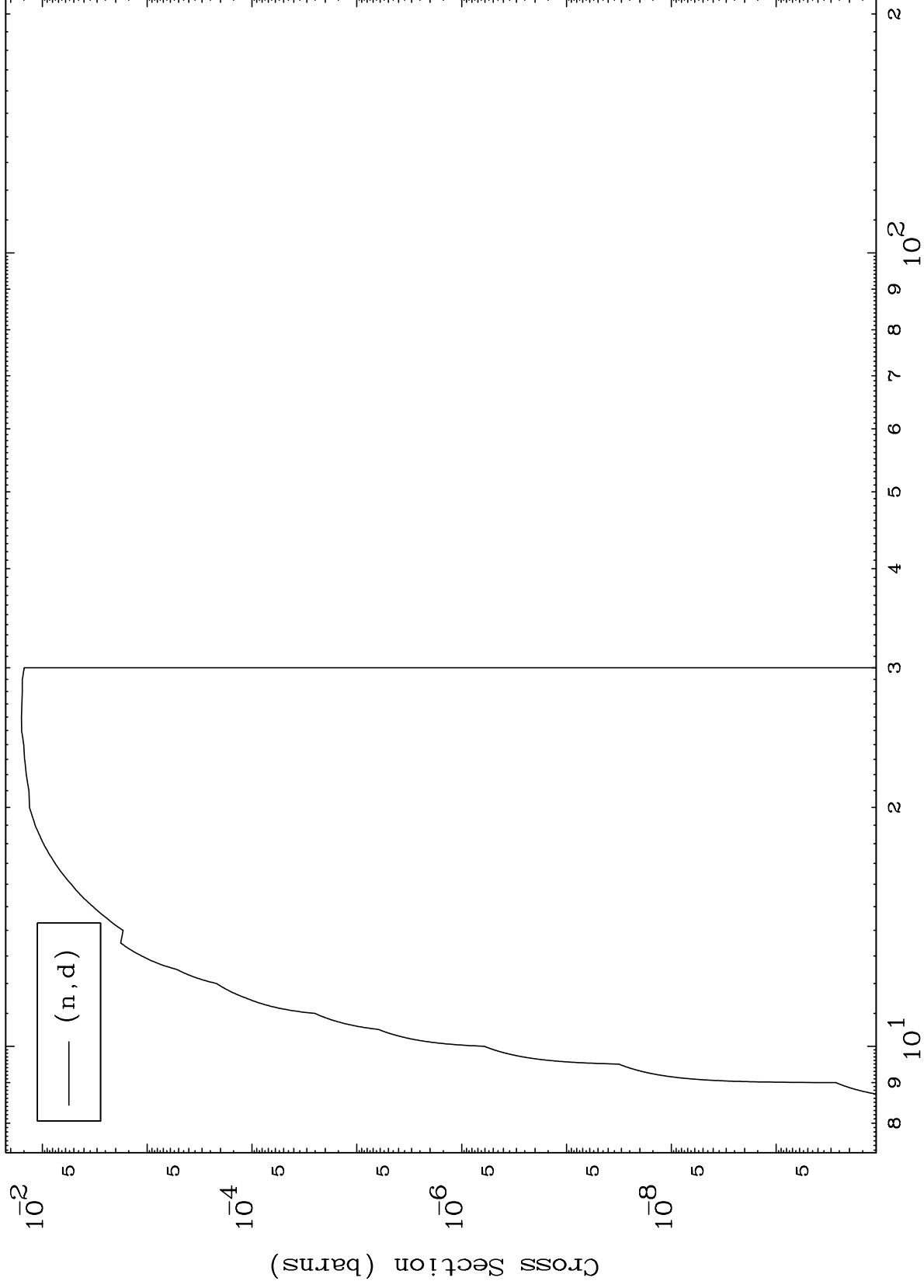
Incident Energy (MeV)

27-Co-62

MAT 2734

(n,d) Levels
293 Kelvin Cross Sections

27-Co-62



13

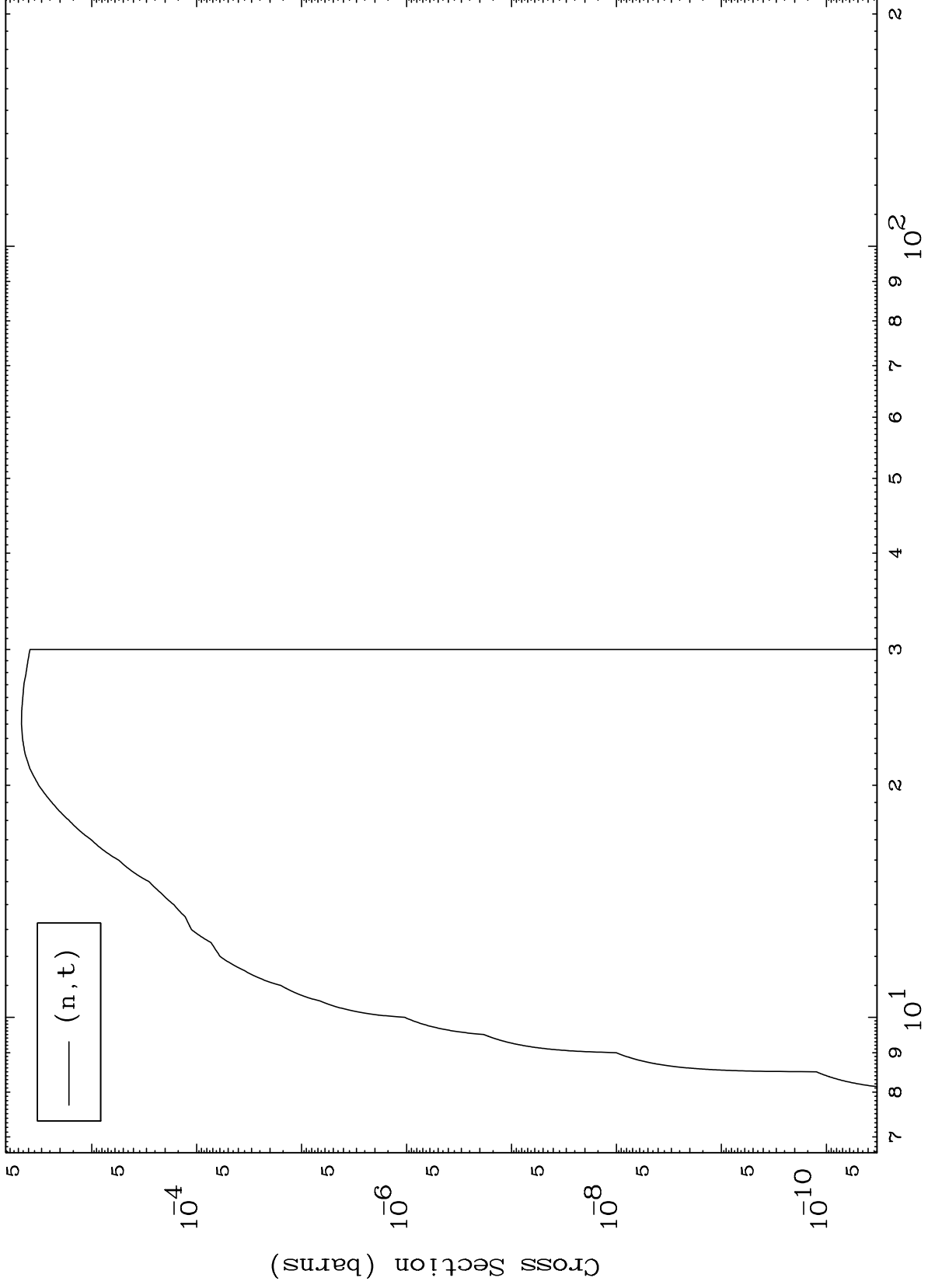
Incident Energy (MeV)

27-Co-62

MAT 2734

(n,t) Levels
293 Kelvin Cross Sections

27-Co-62



14

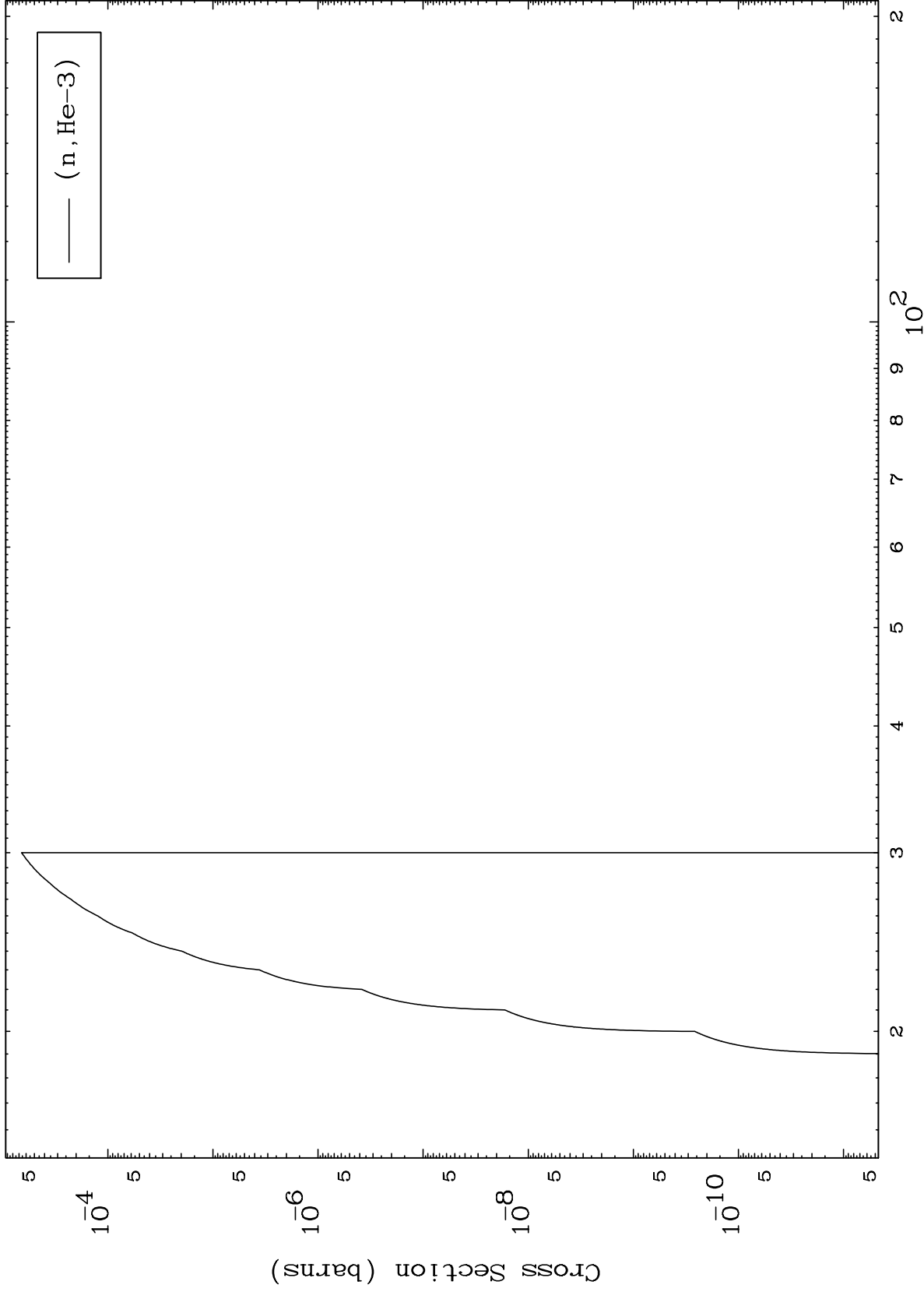
Incident Energy (MeV)

27-Co-62

MAT 2734

(n,He3) Levels
293 Kelvin Cross Sections

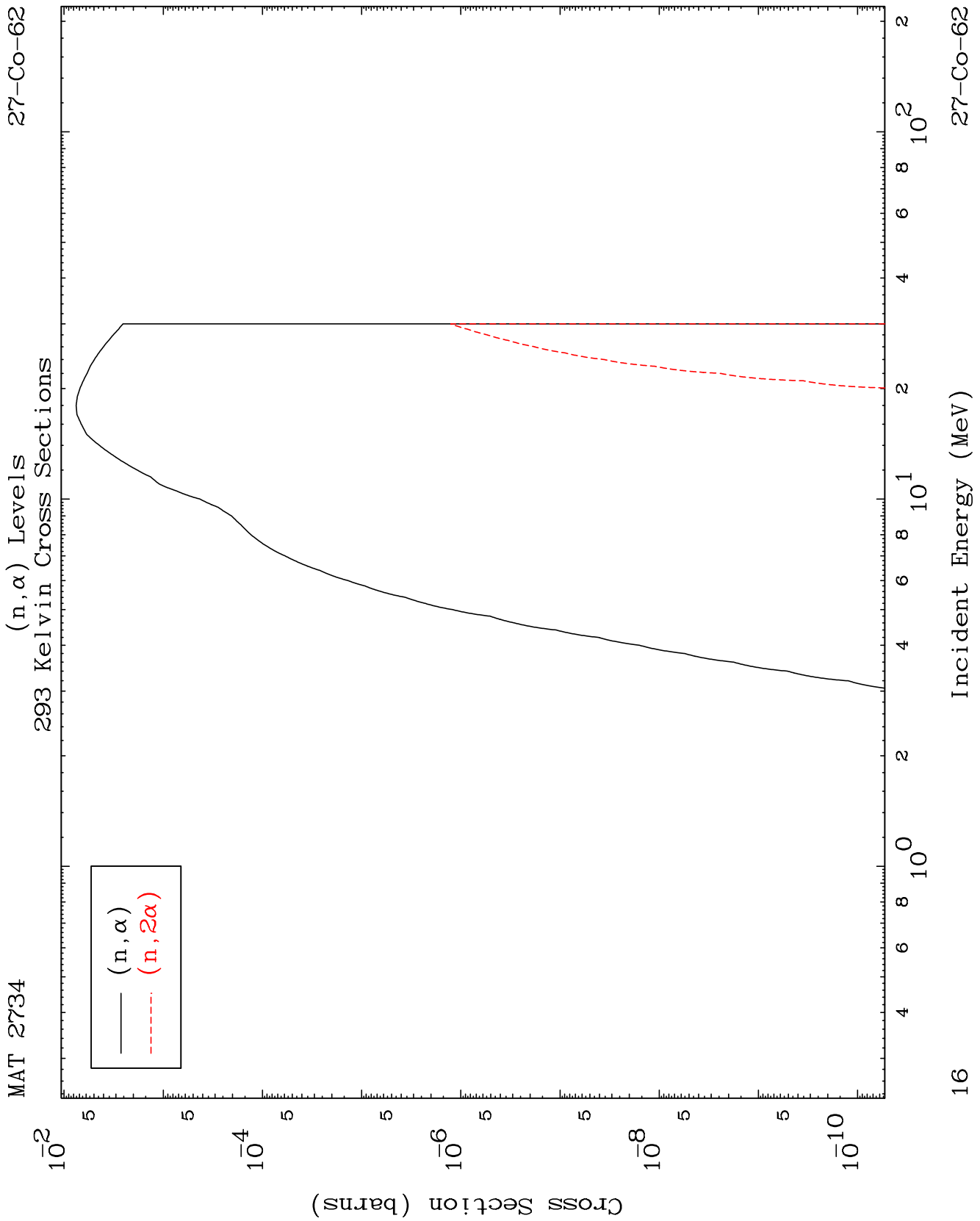
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15

Incident Energy (MeV)

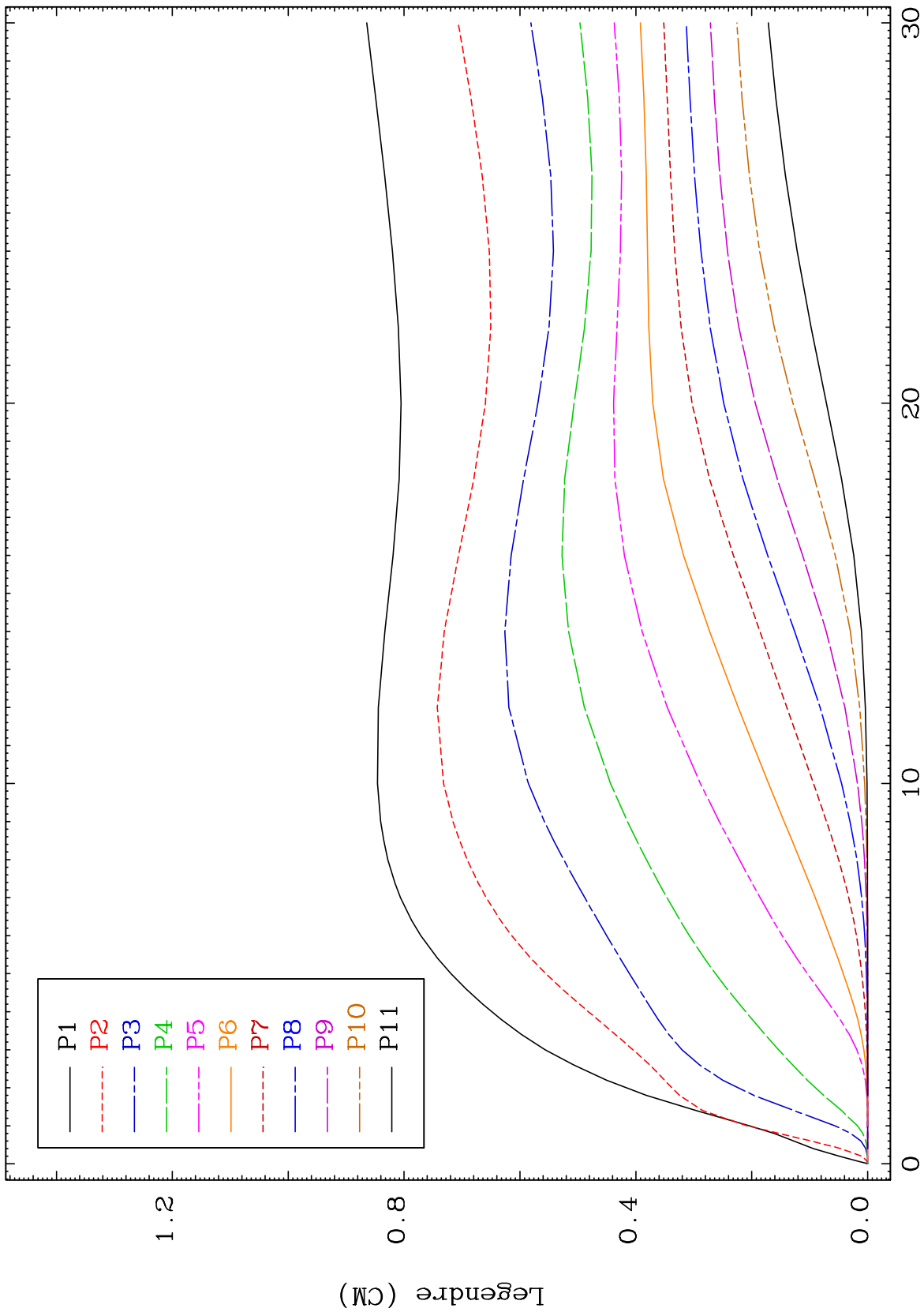
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MAT 2734

Elastic Legendre Coefficients

27-Co-62



17

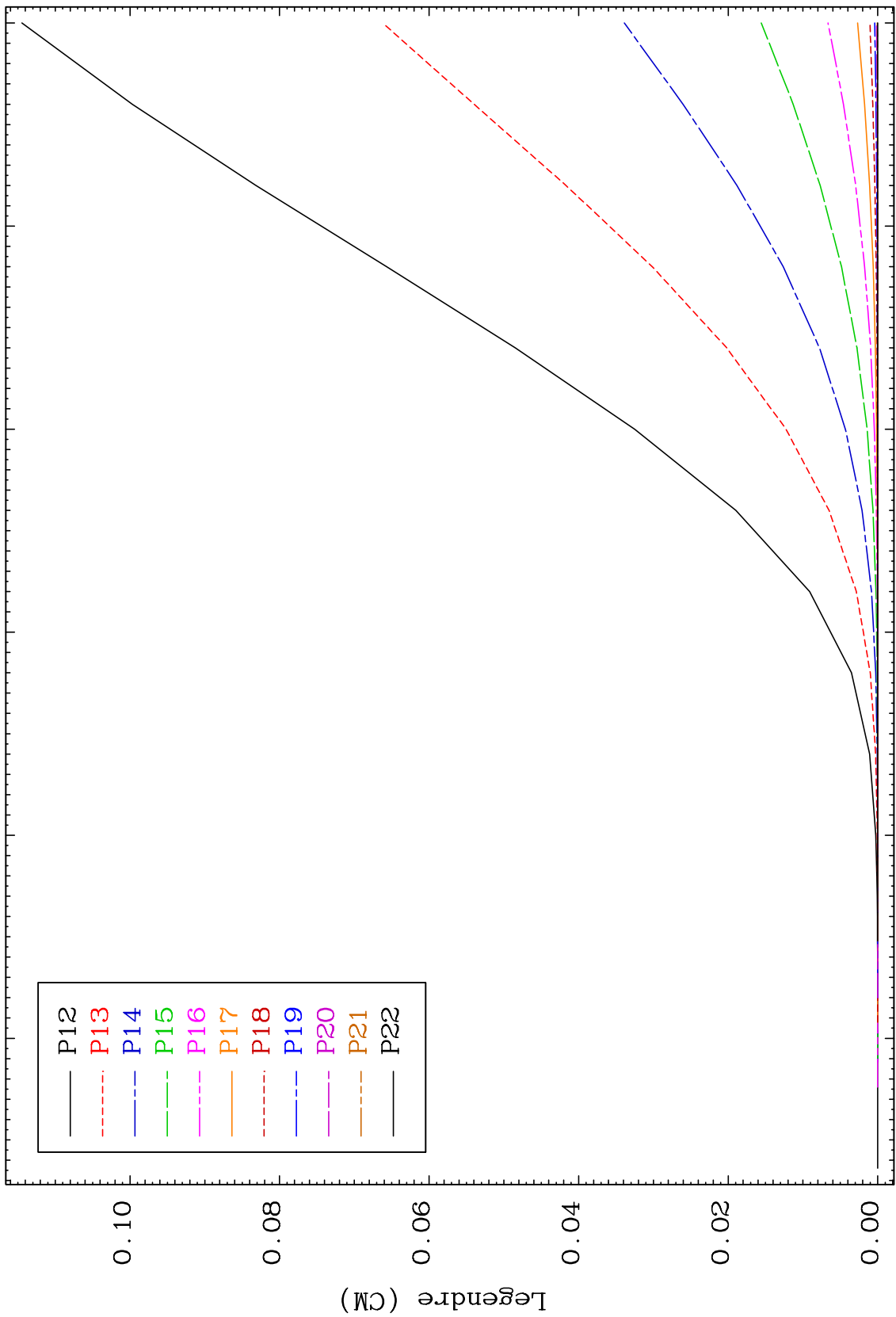
Incident Energy (MeV)

27-Co-62

MAT 2734

Elastic Legendre Coefficients

27-Co-62



18

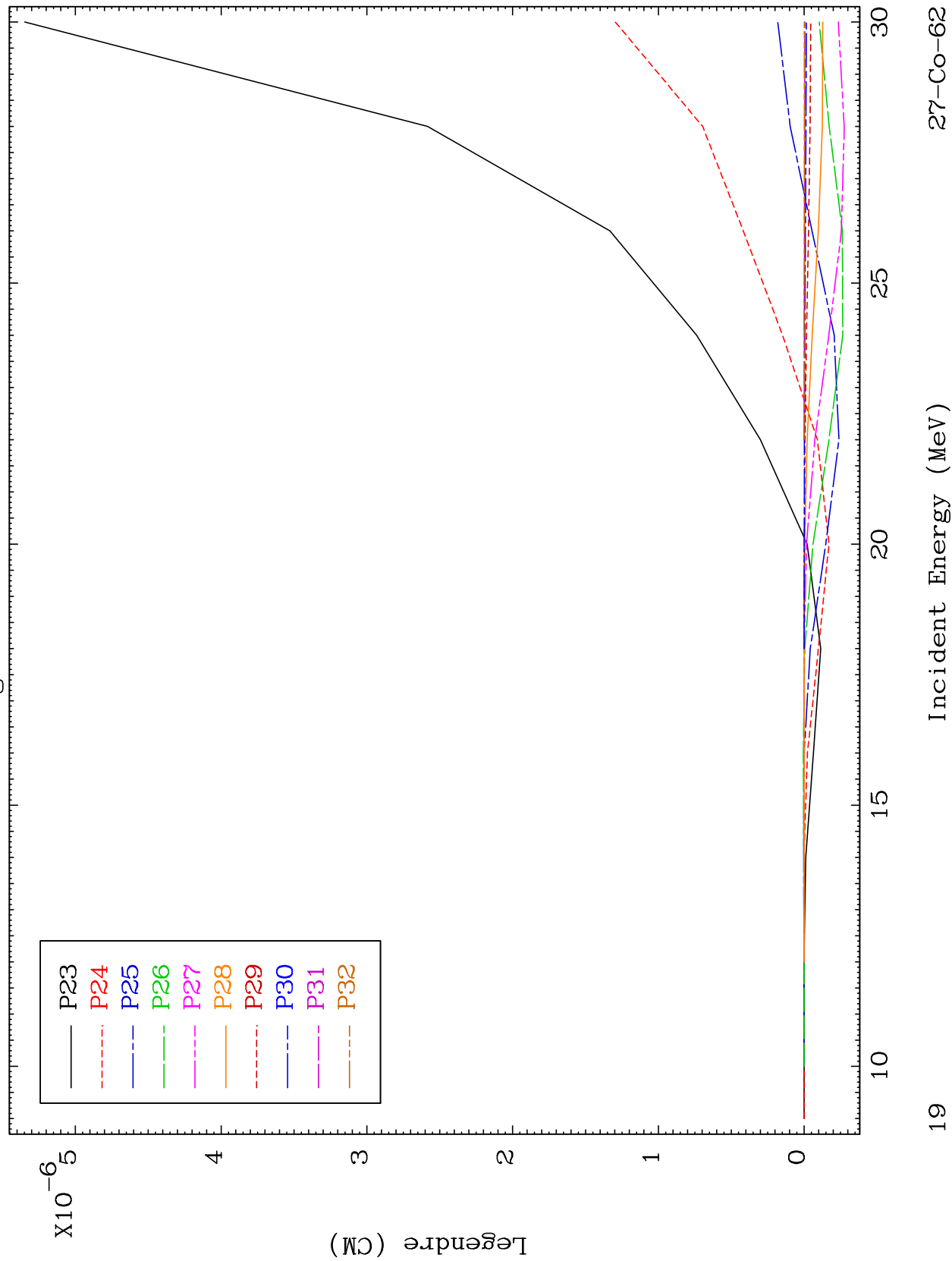
27-Co-62

Incident Energy (MeV)

MAT 2734

Elastic Legendre Coefficients

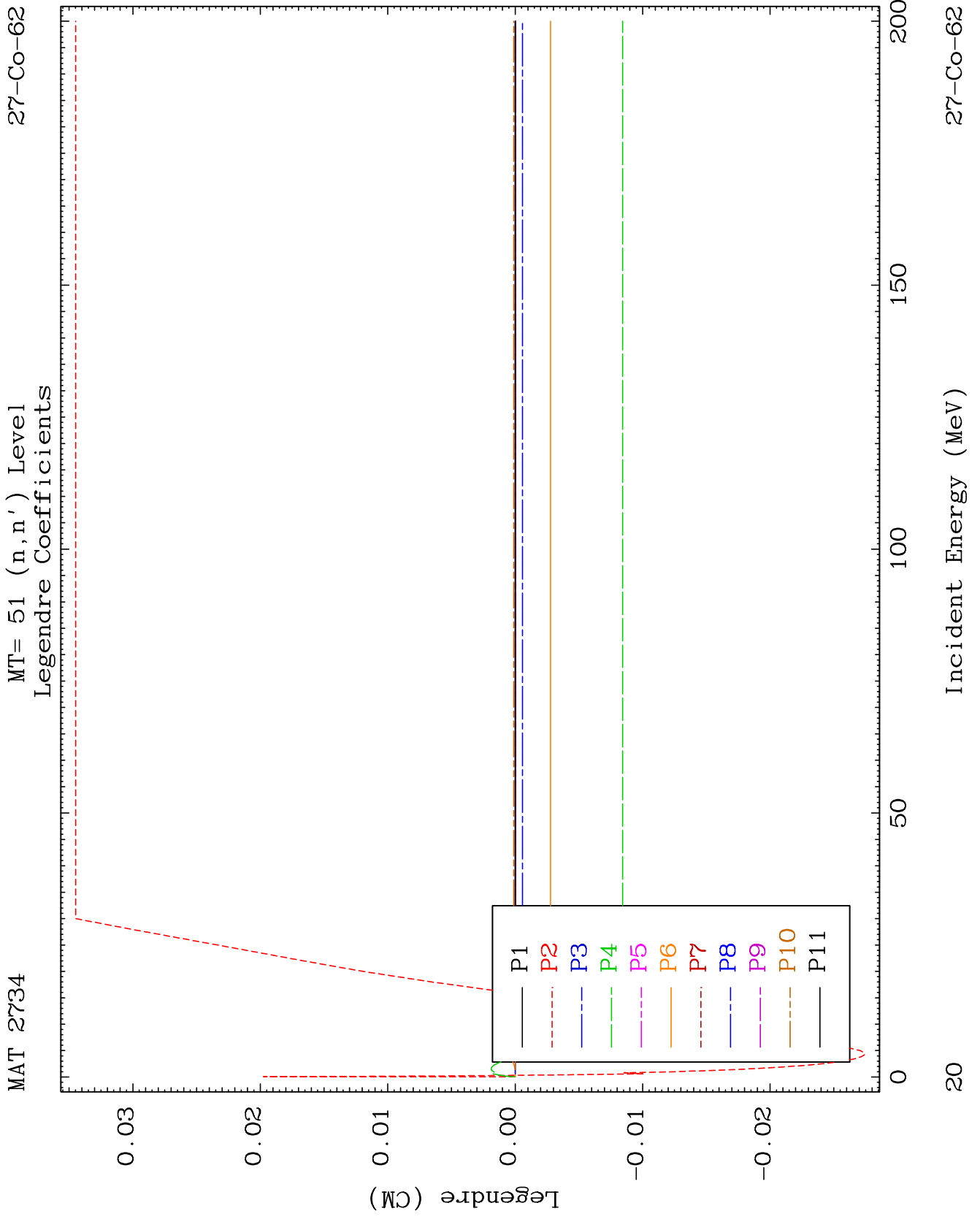
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Incident Energy (MeV)

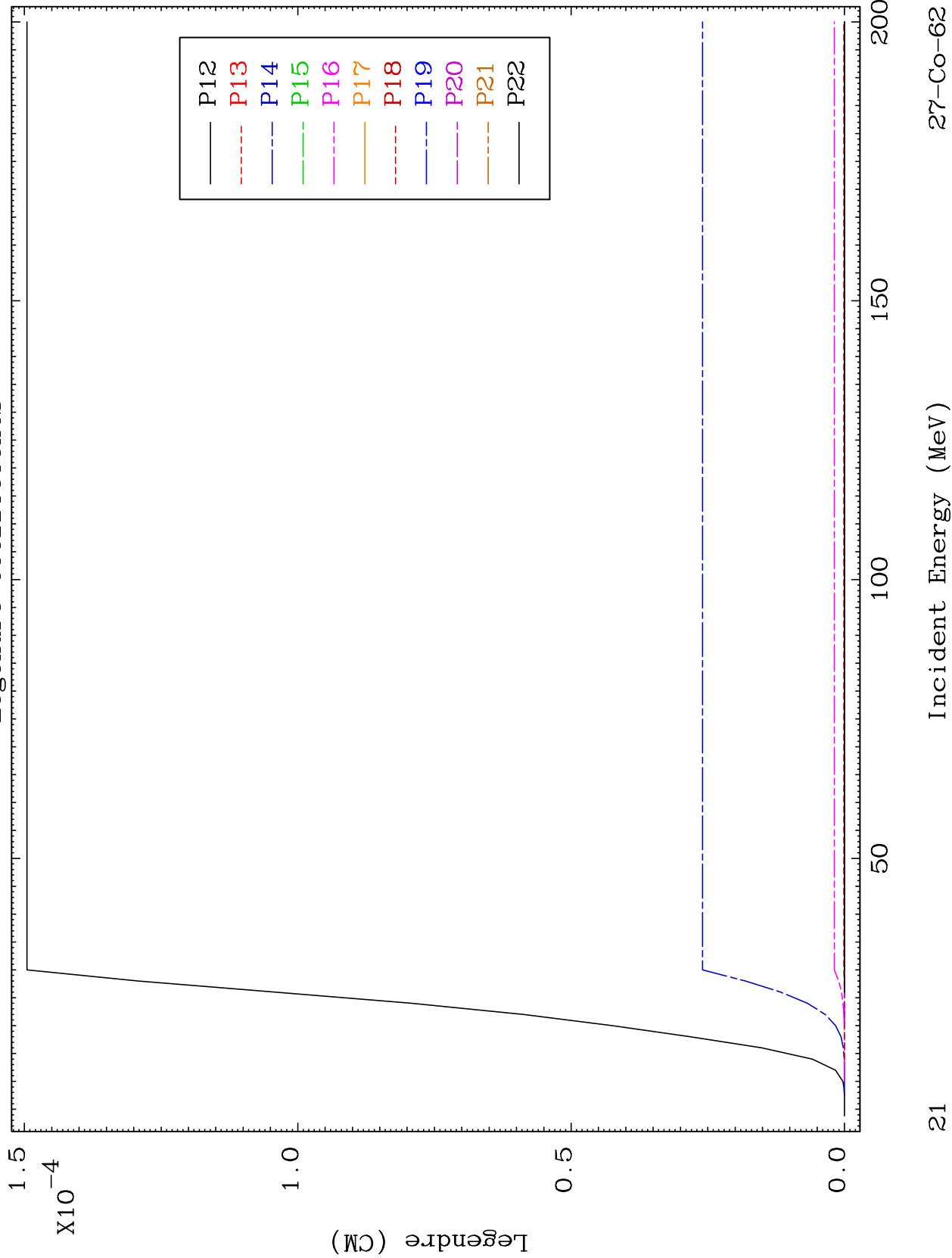
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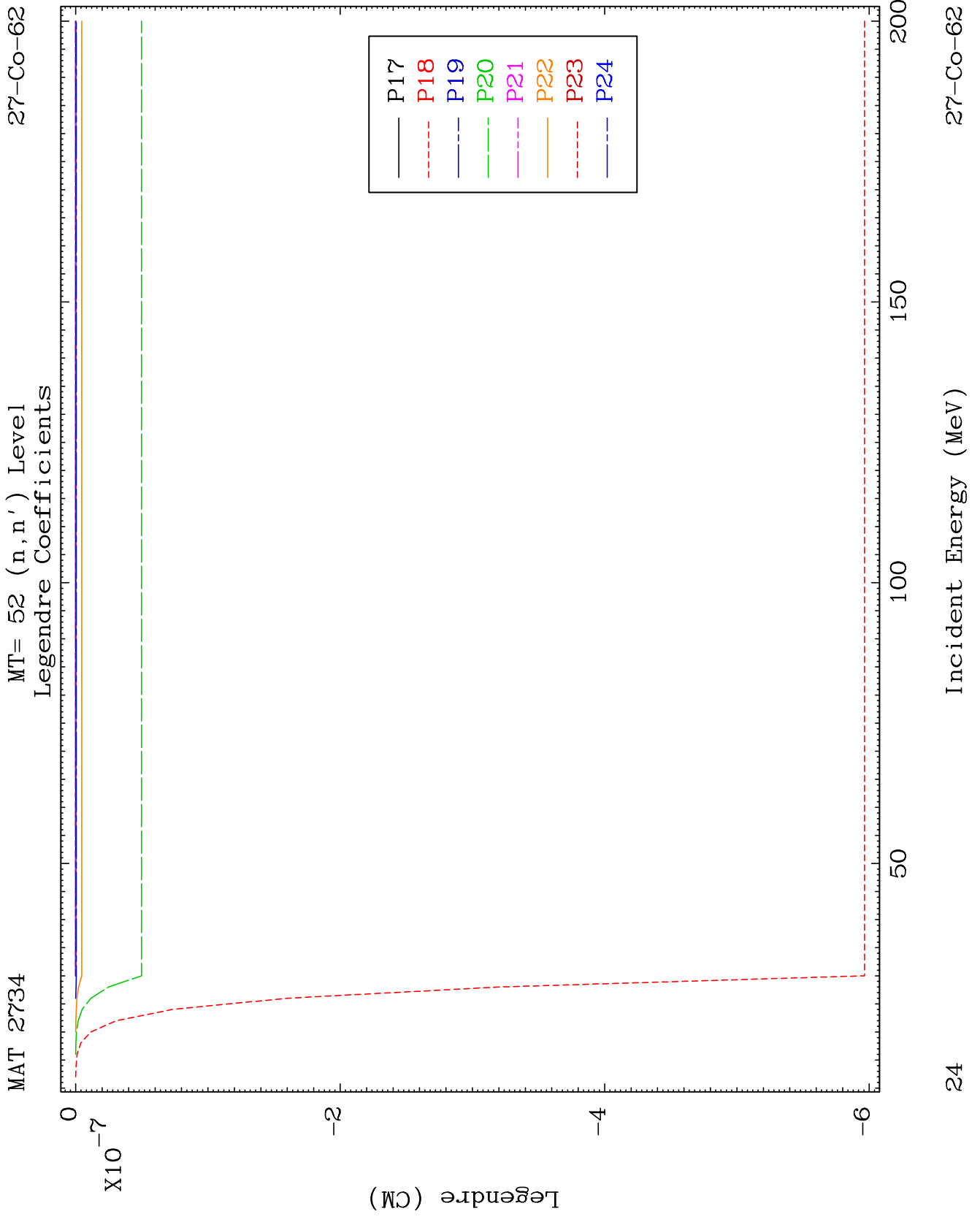


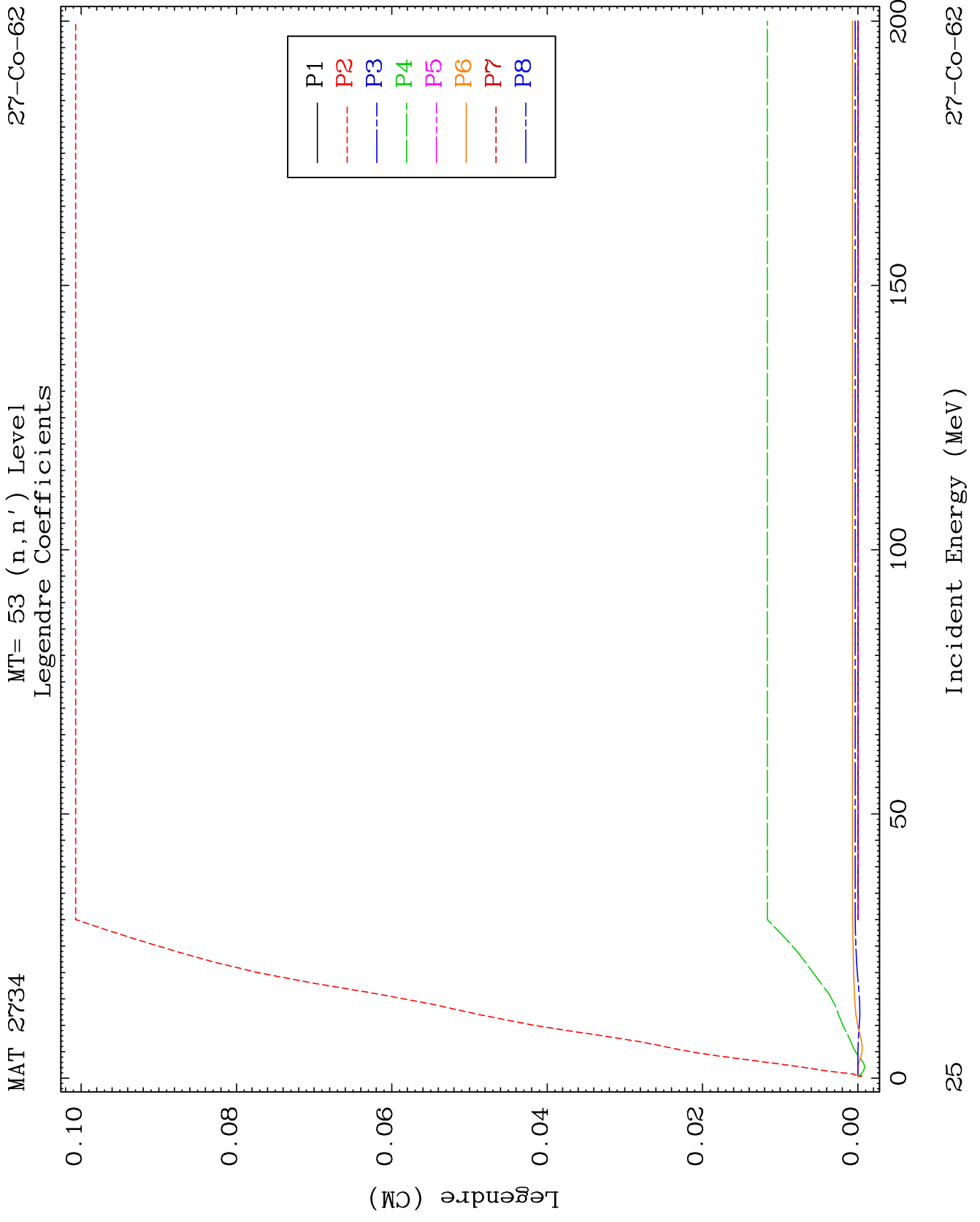
MAT 2734

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

27-Co-62



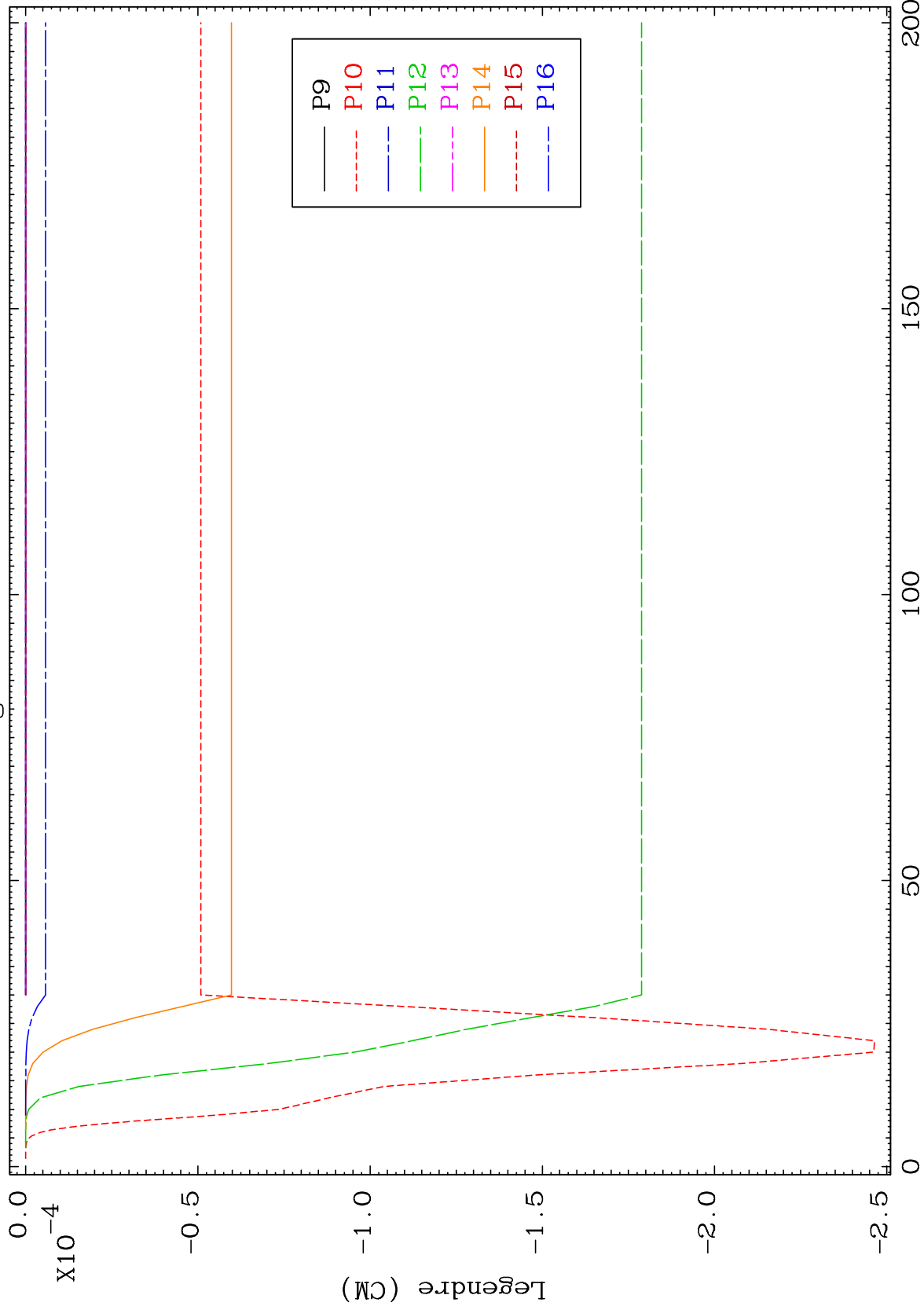




MAT 2734

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

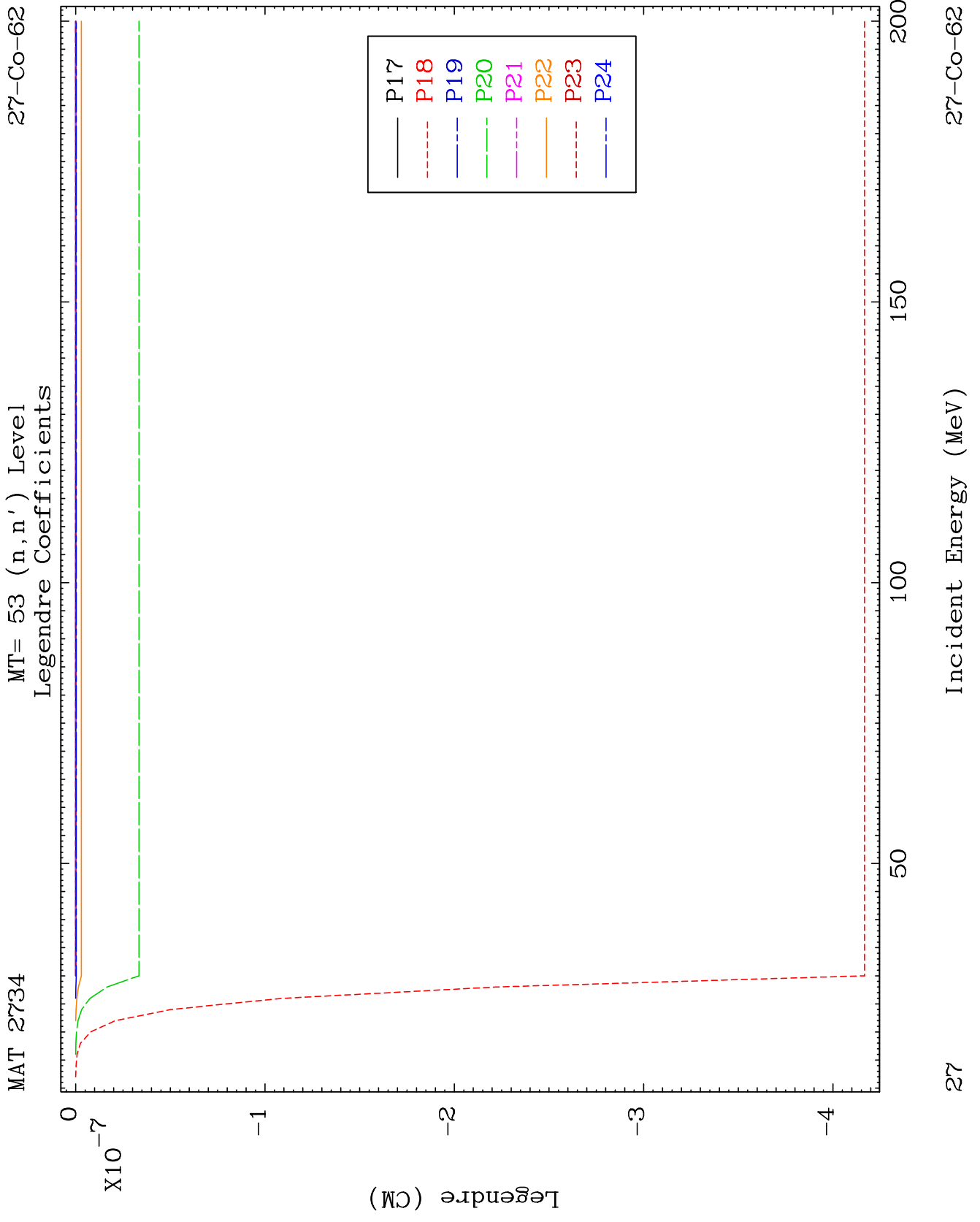
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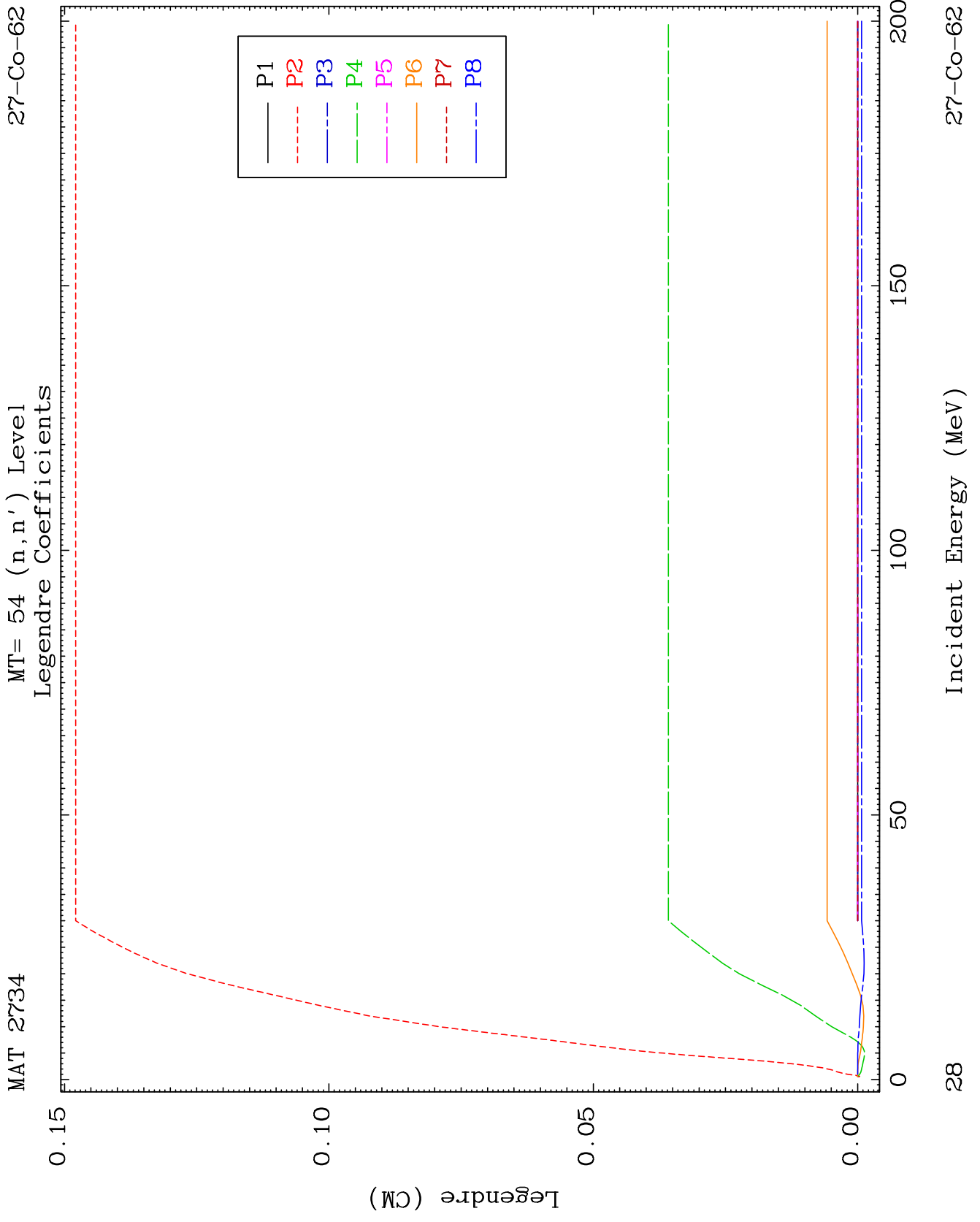


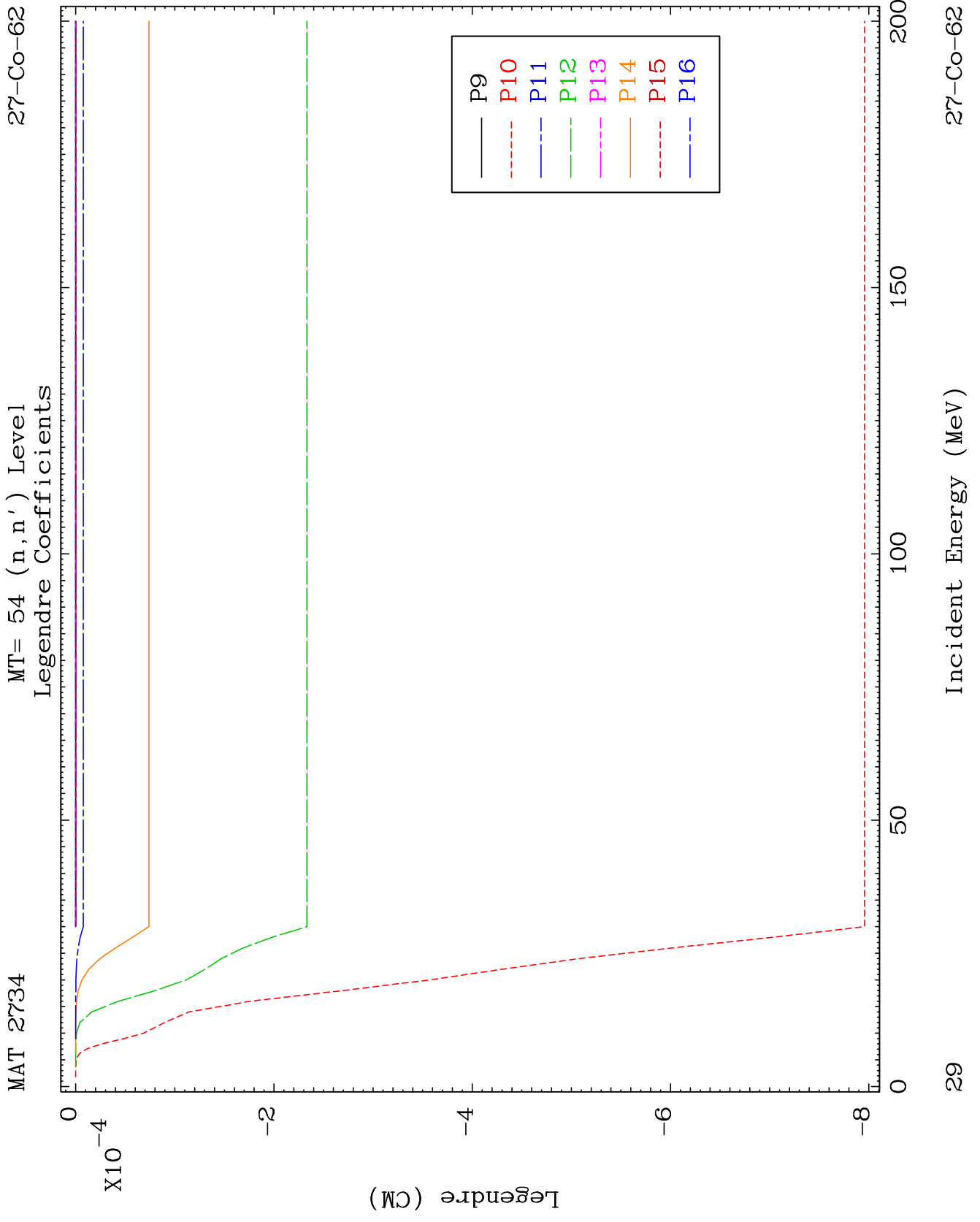
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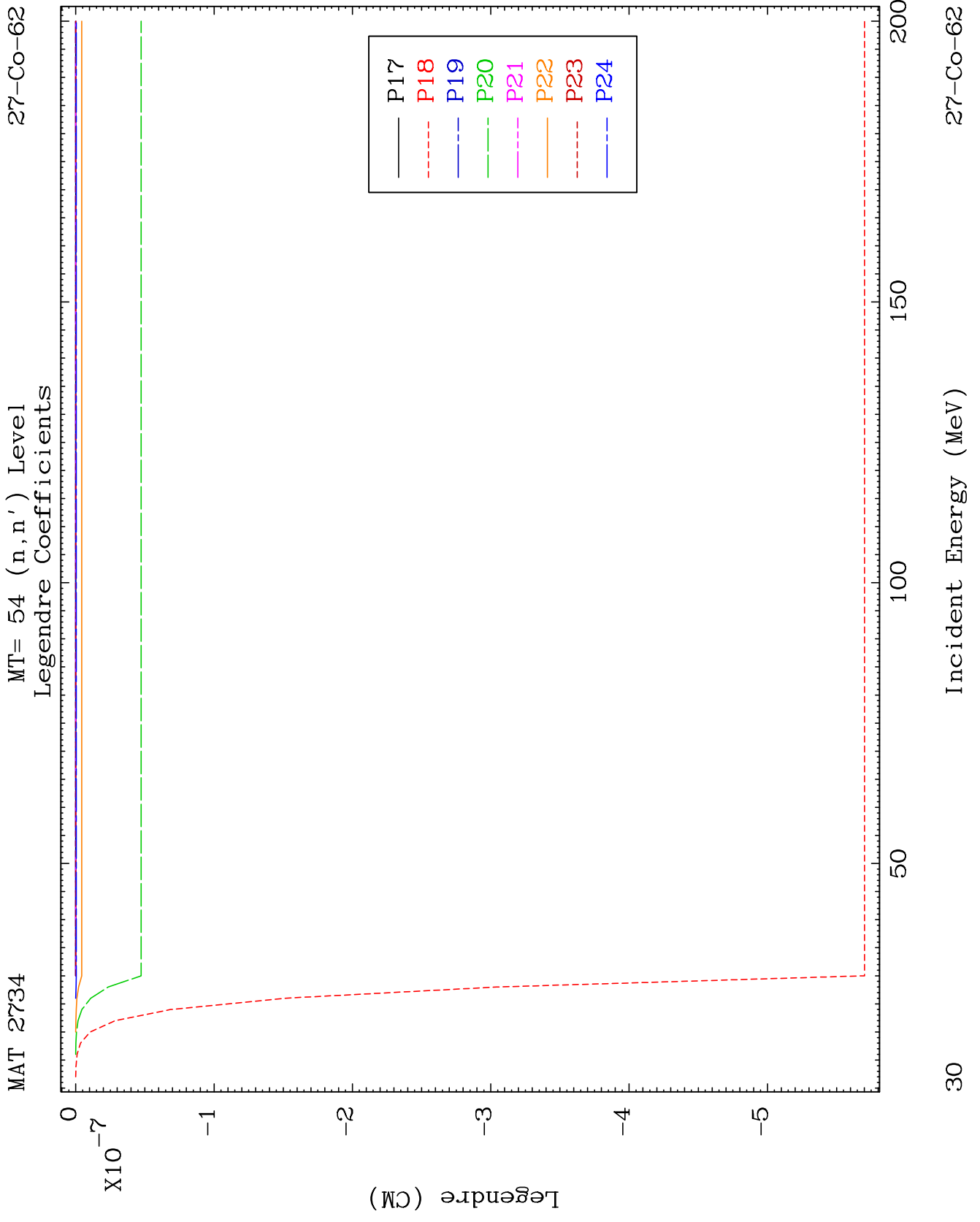
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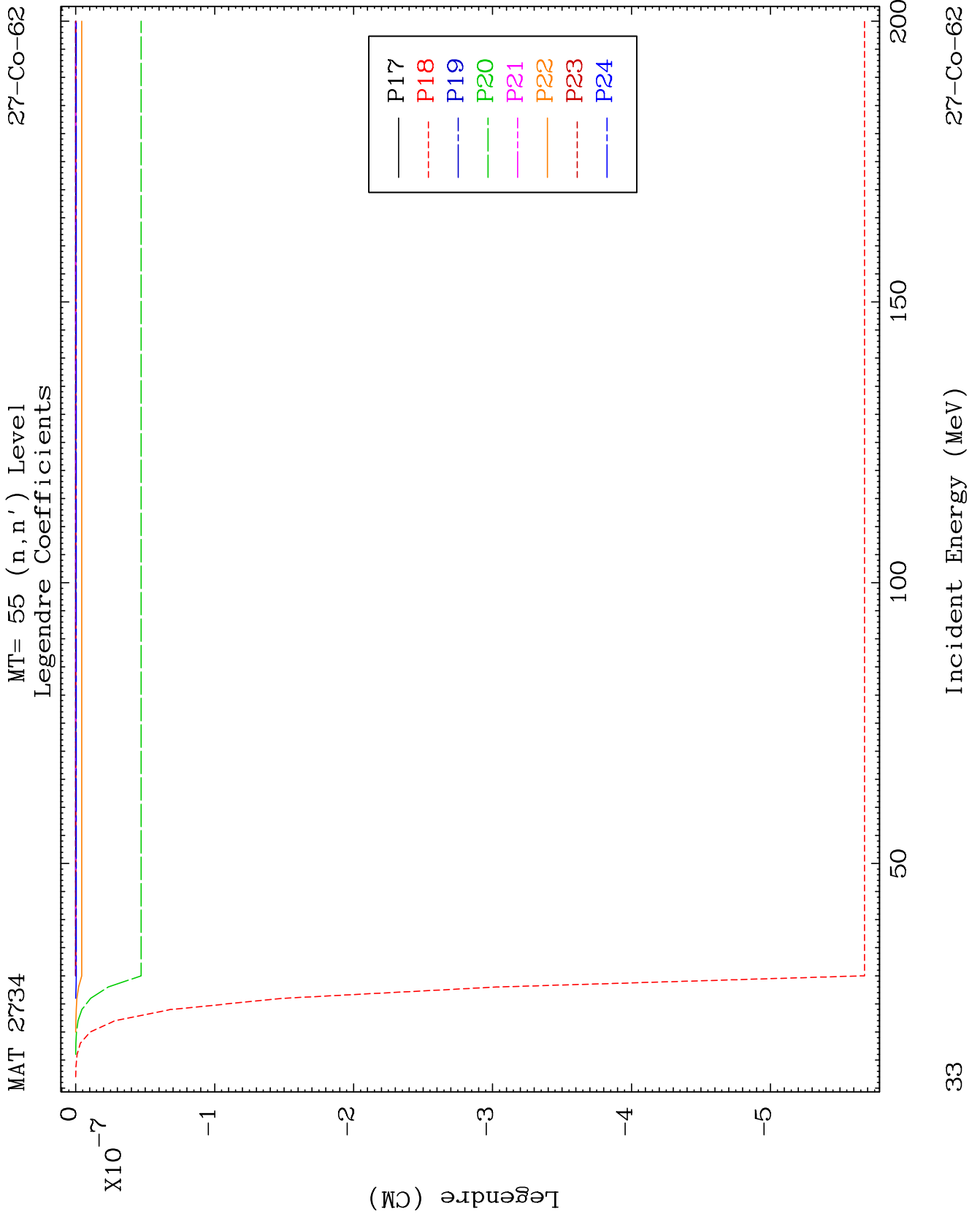
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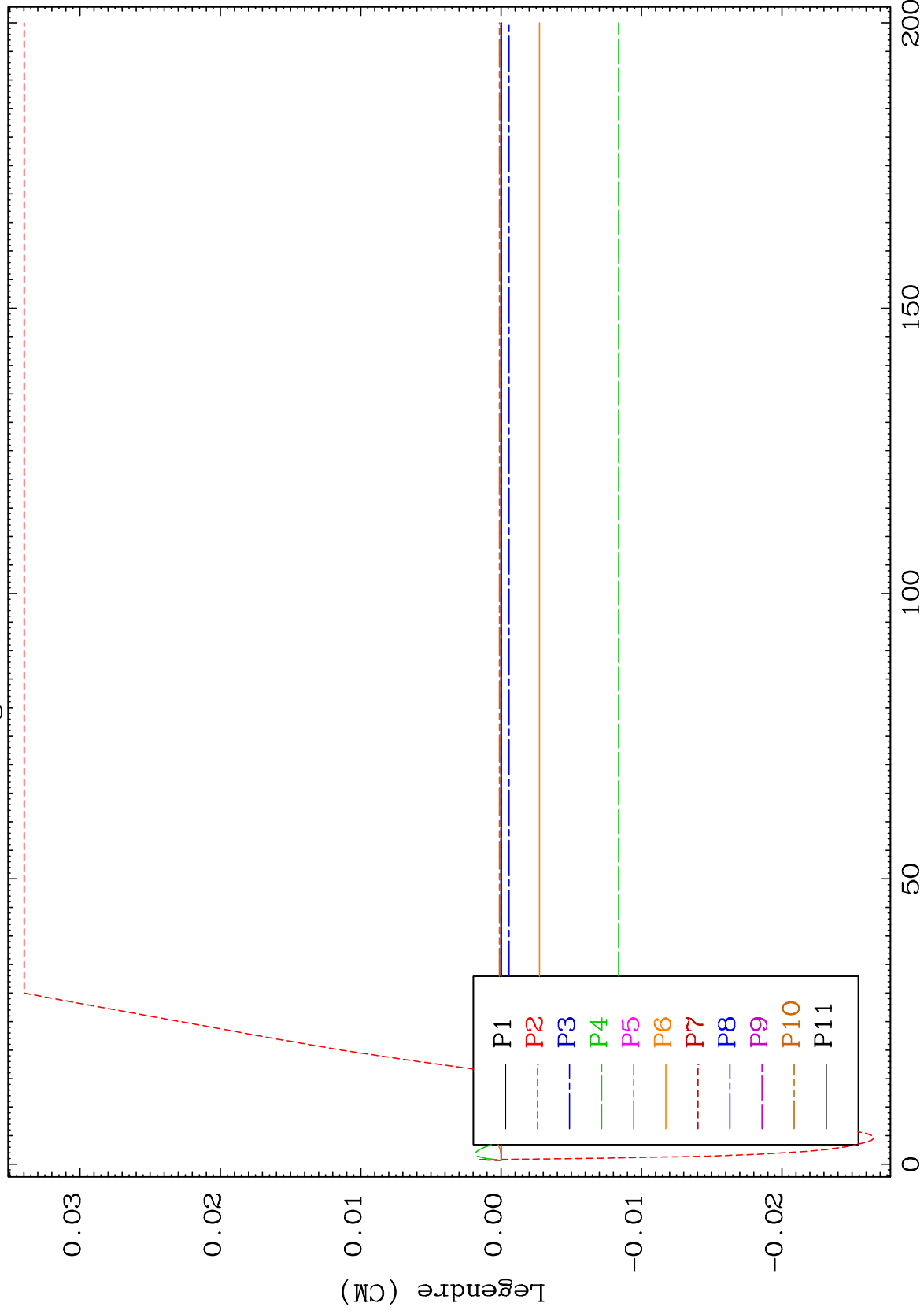




MAT 2734

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

27-Co-62



34

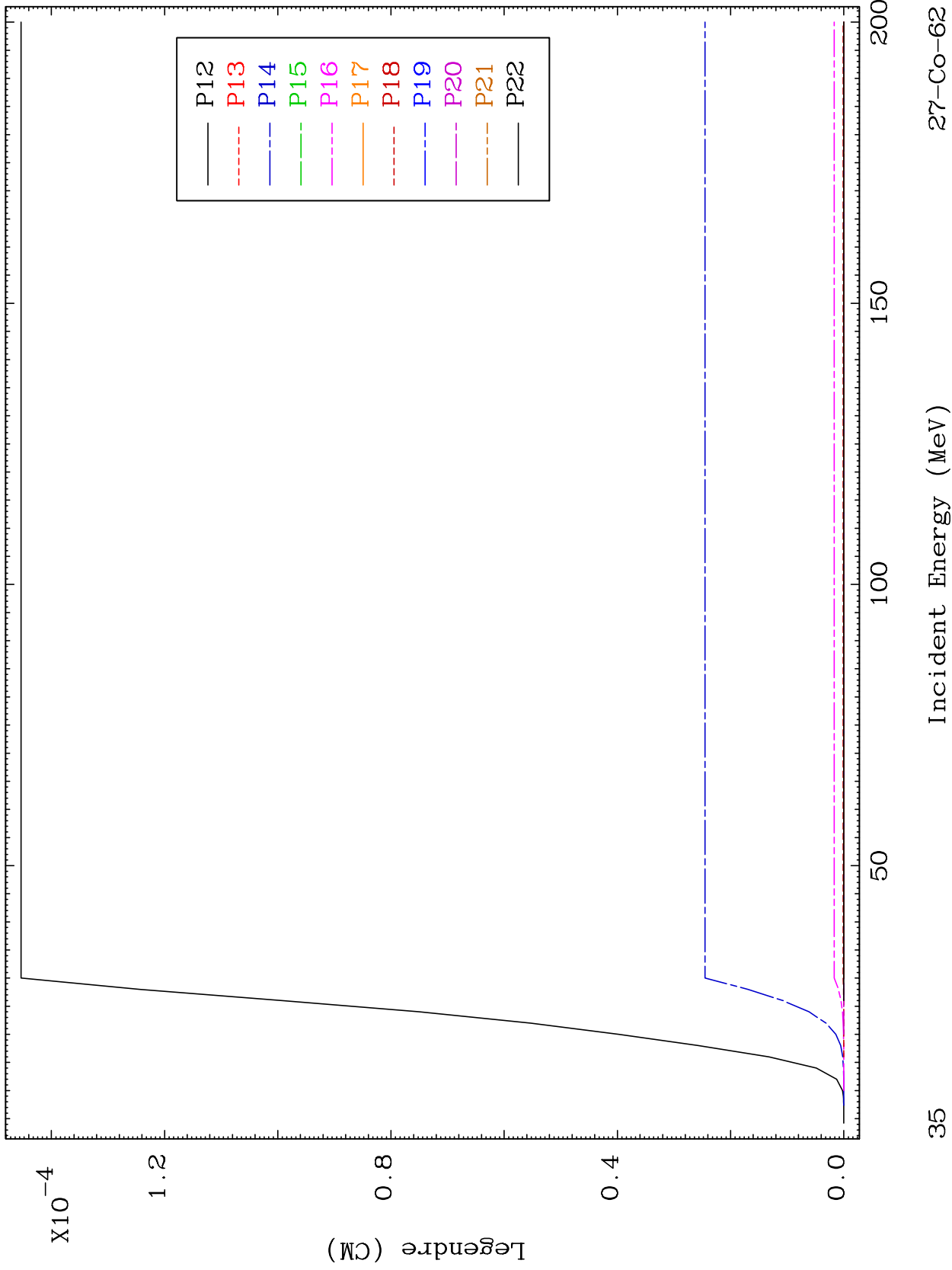
Incident Energy (MeV)

27-Co-62

MAT 2734

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

27-Co-62



35

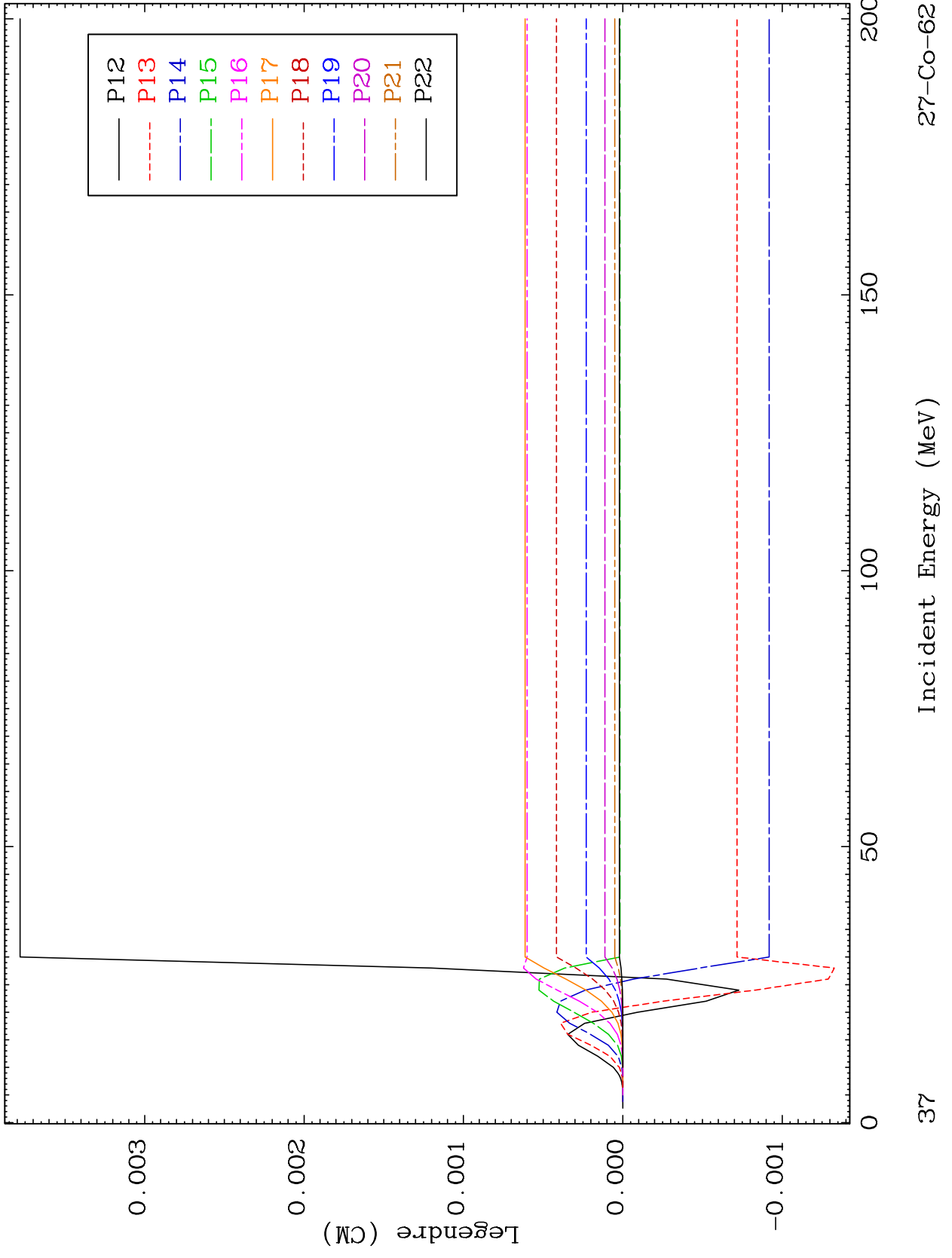
Incident Energy (MeV)

27-Co-62

MAT 2734

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

27-Co-62



37

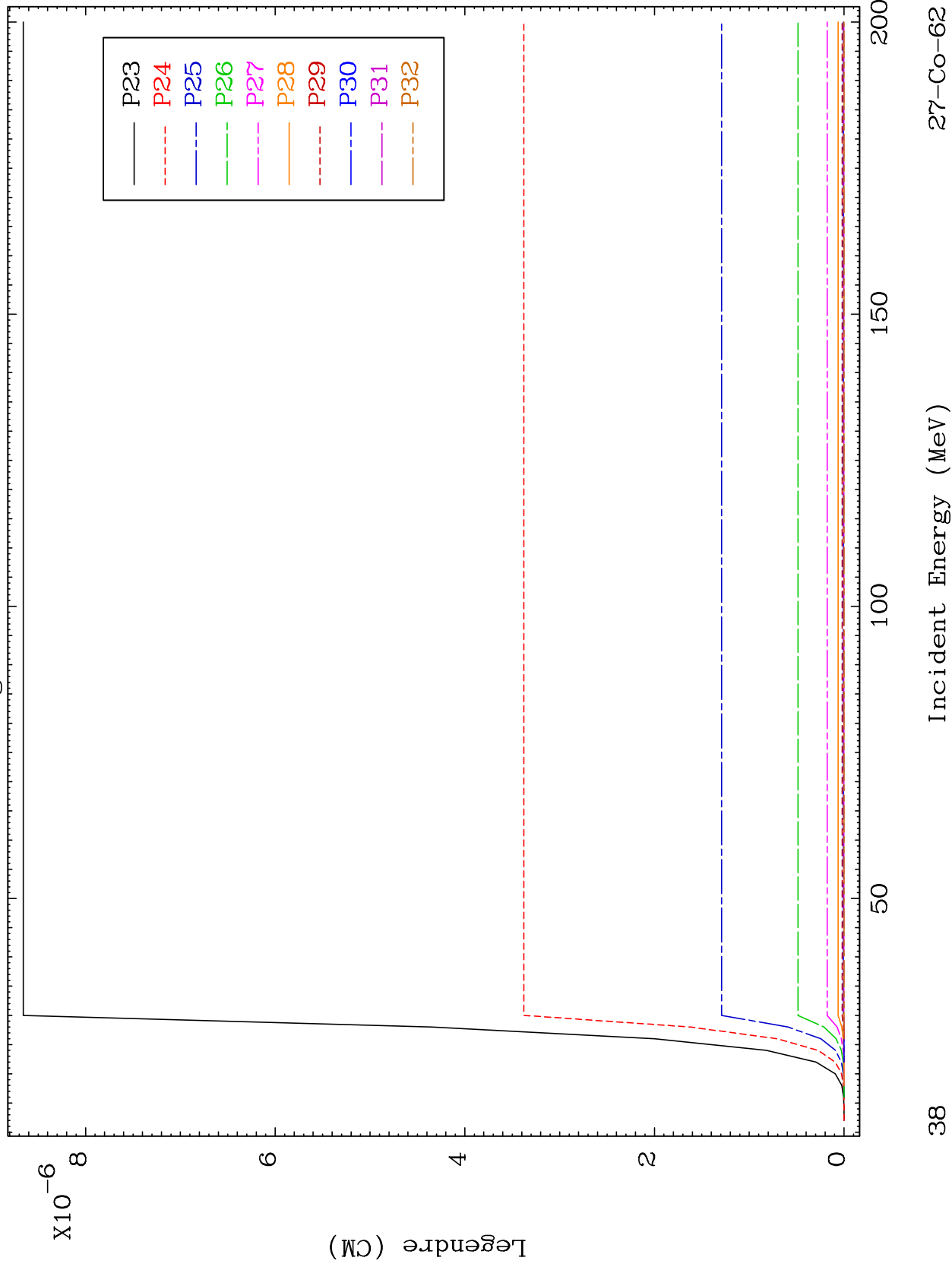
Incident Energy (MeV)

27-Co-62

MAT 2734

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

27-Co-62



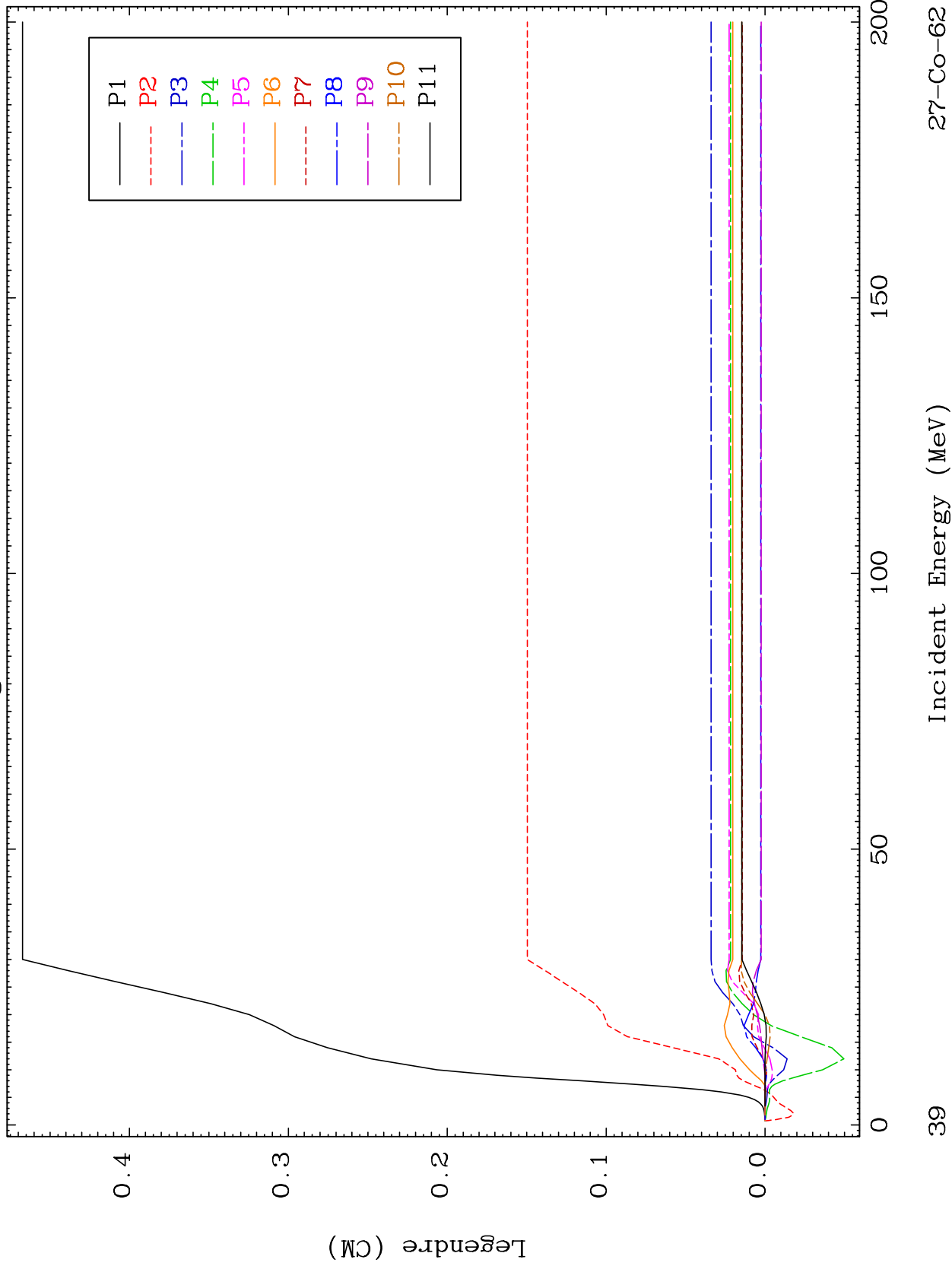
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27-Co-62

MAT 2734

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

27-Co-62



27-Co-62

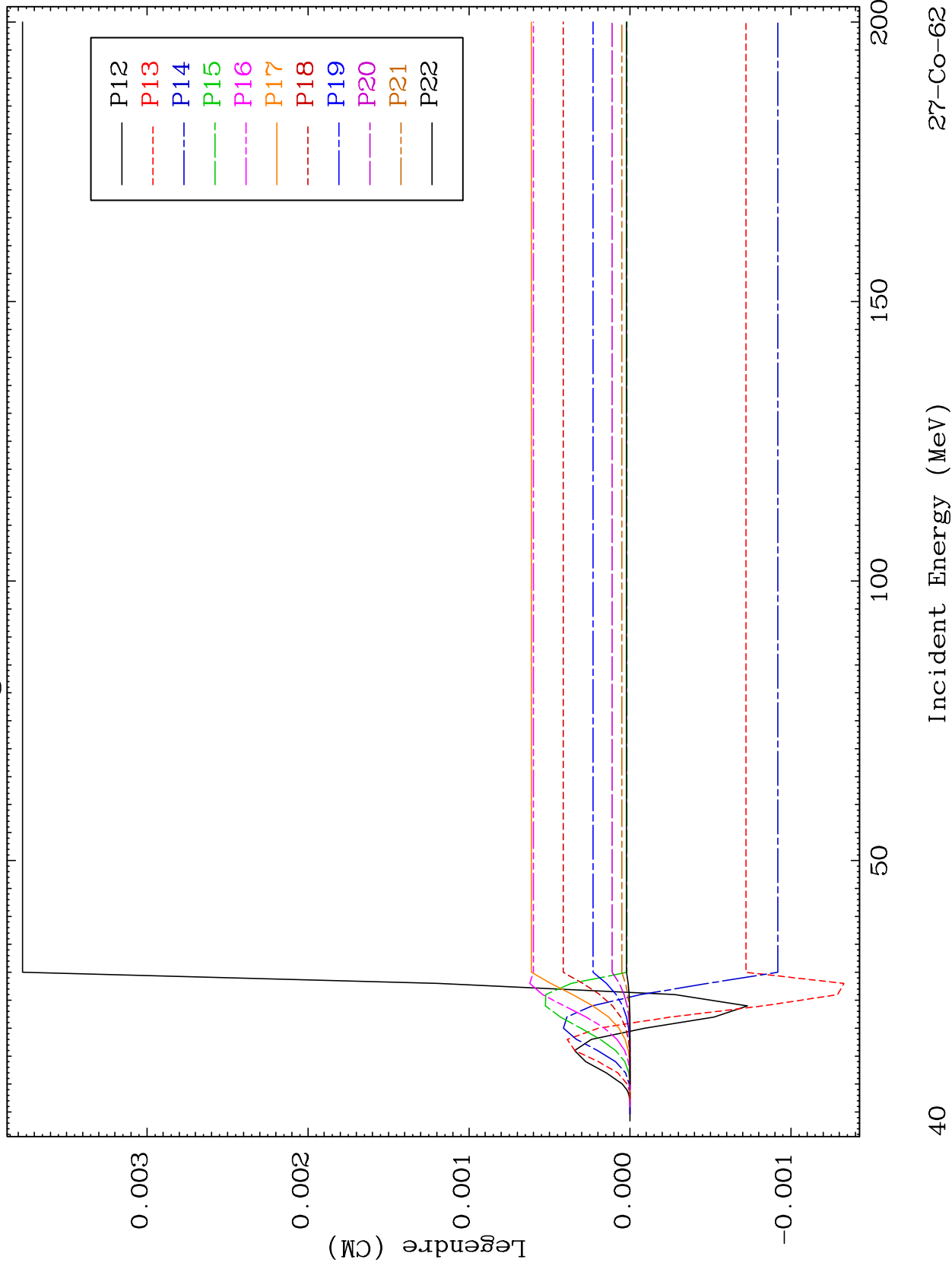
Incident Energy (MeV)

39

MAT 2734

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

27-Co-62



27-Co-62

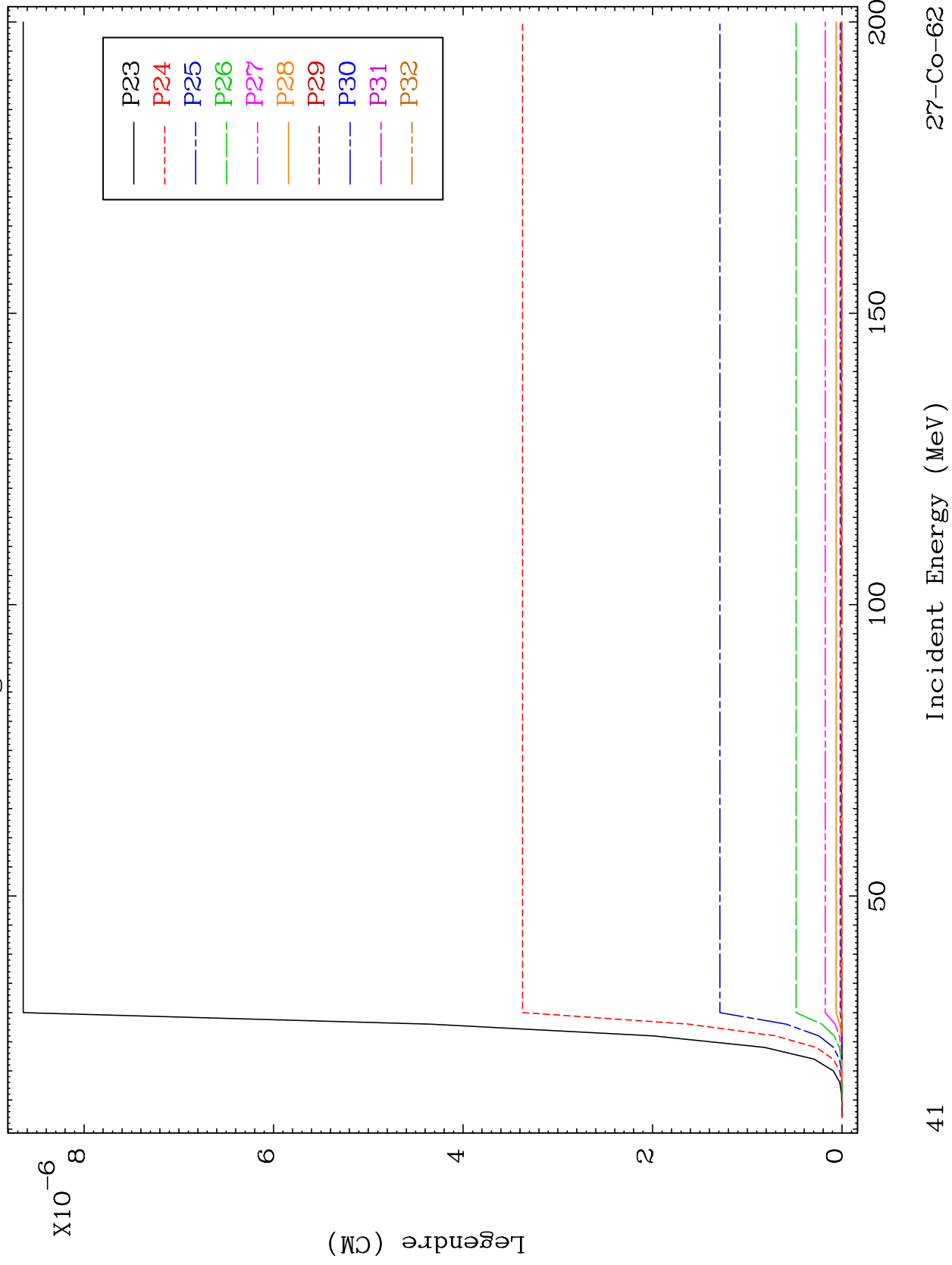
Incident Energy (MeV)

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MAT 2734

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

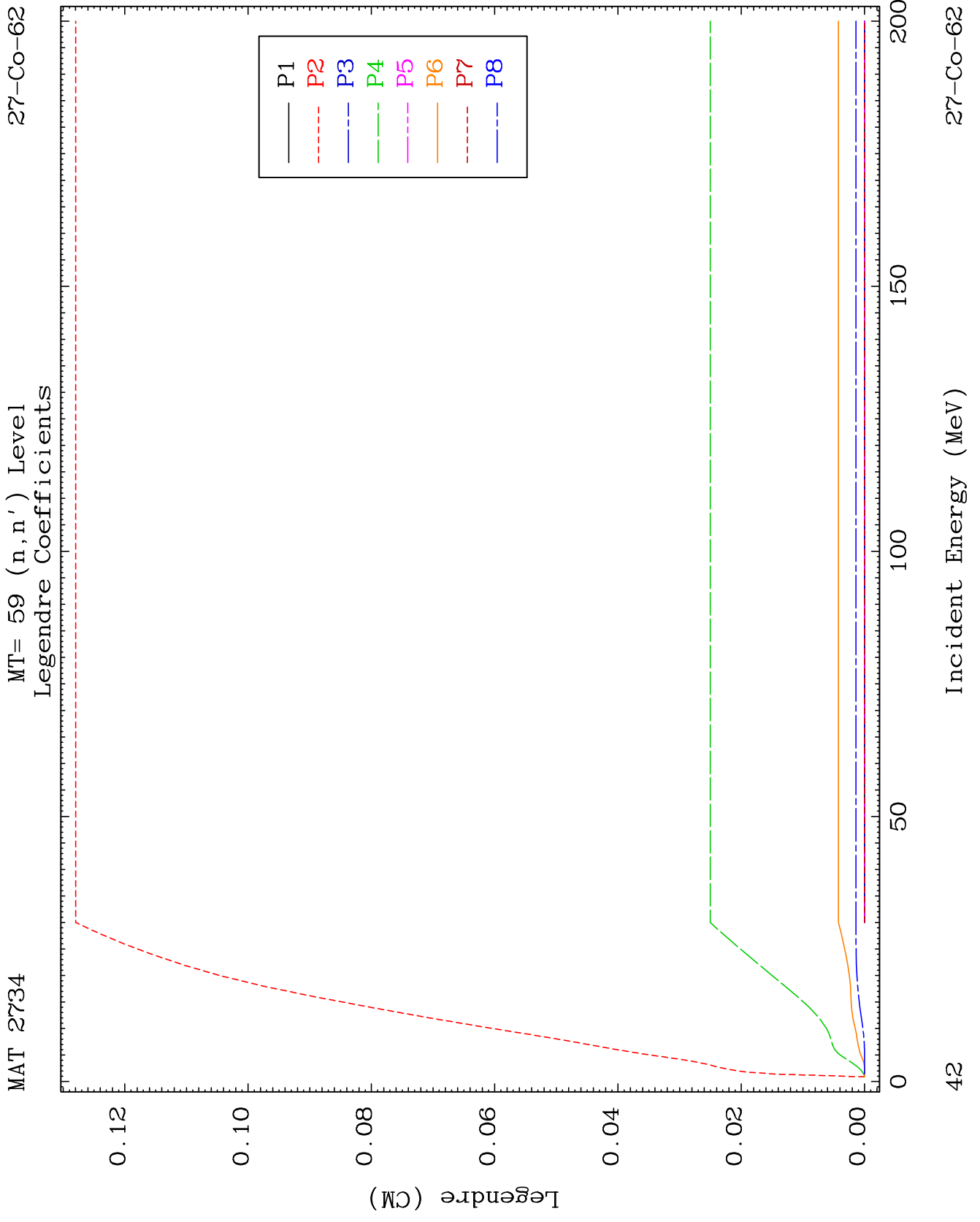
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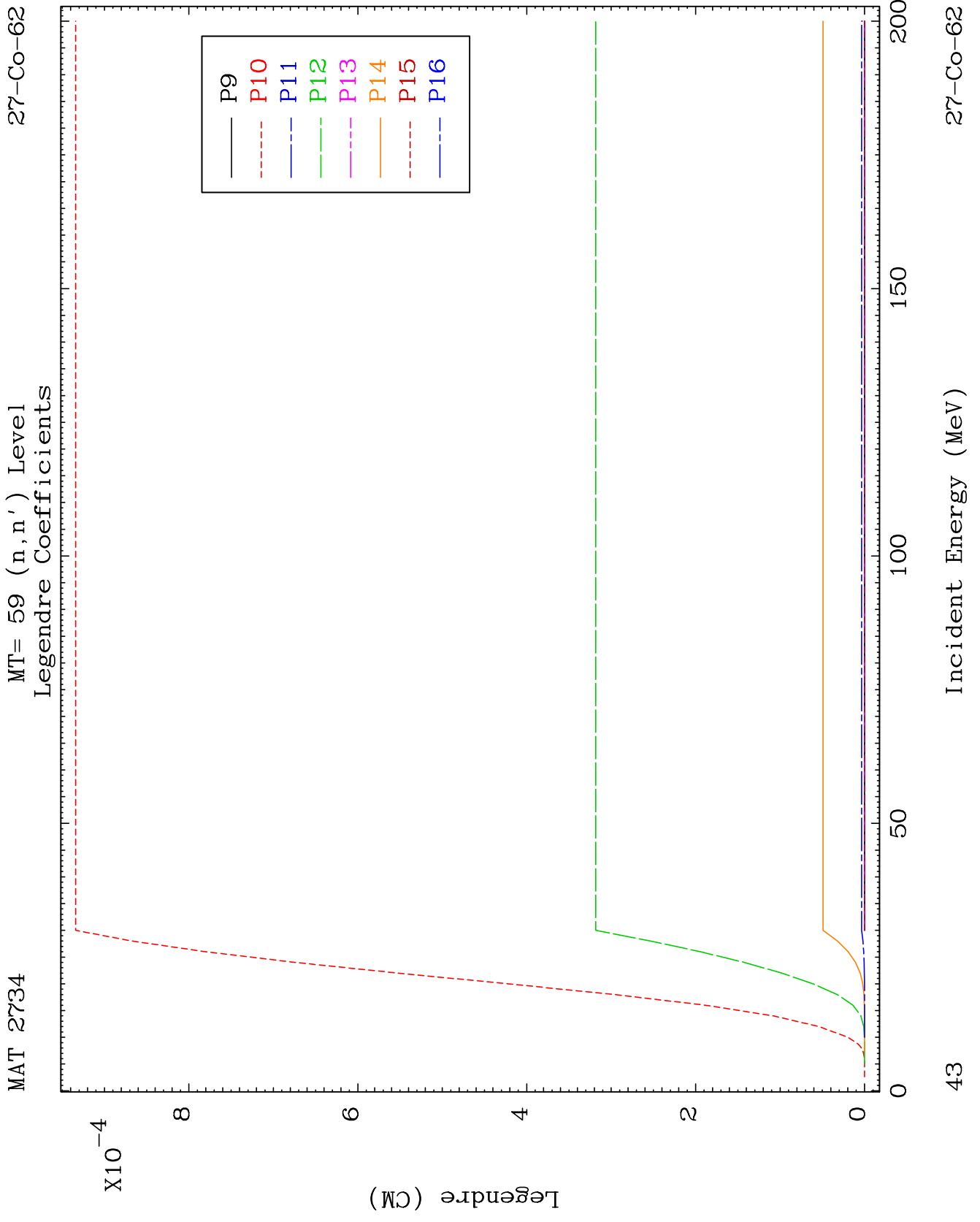


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Incident Energy (MeV)

27-Co-62

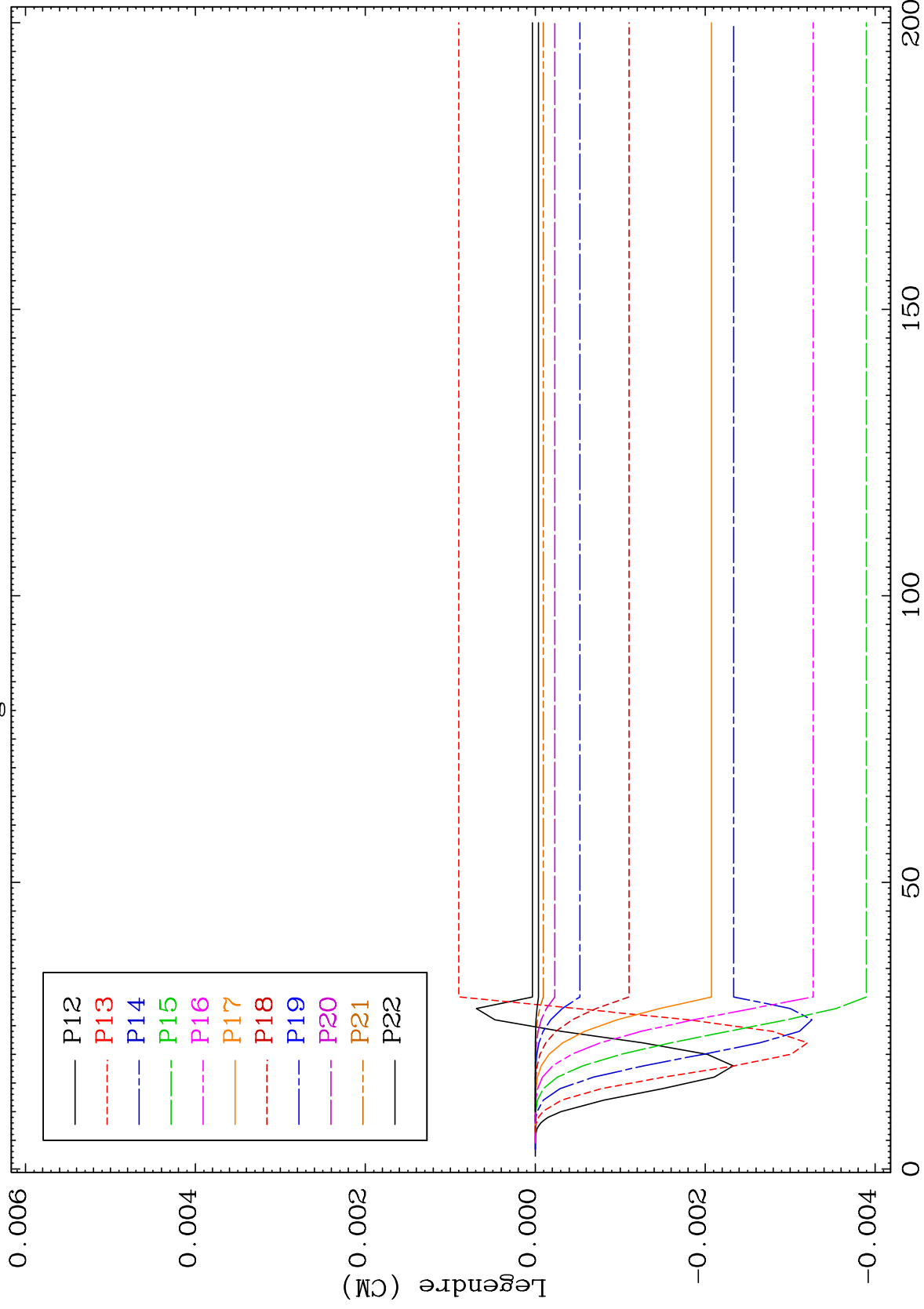




MAT 2734

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

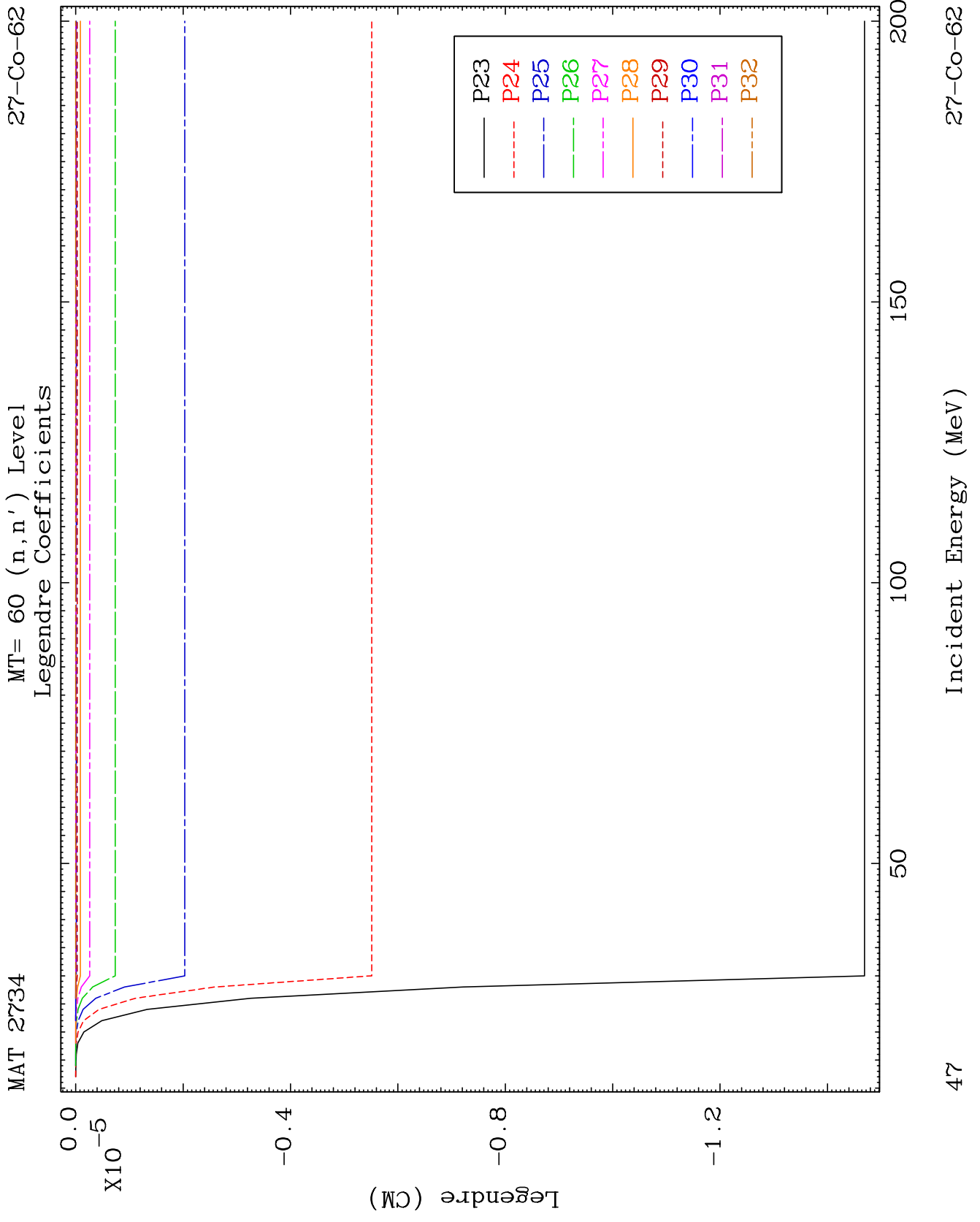
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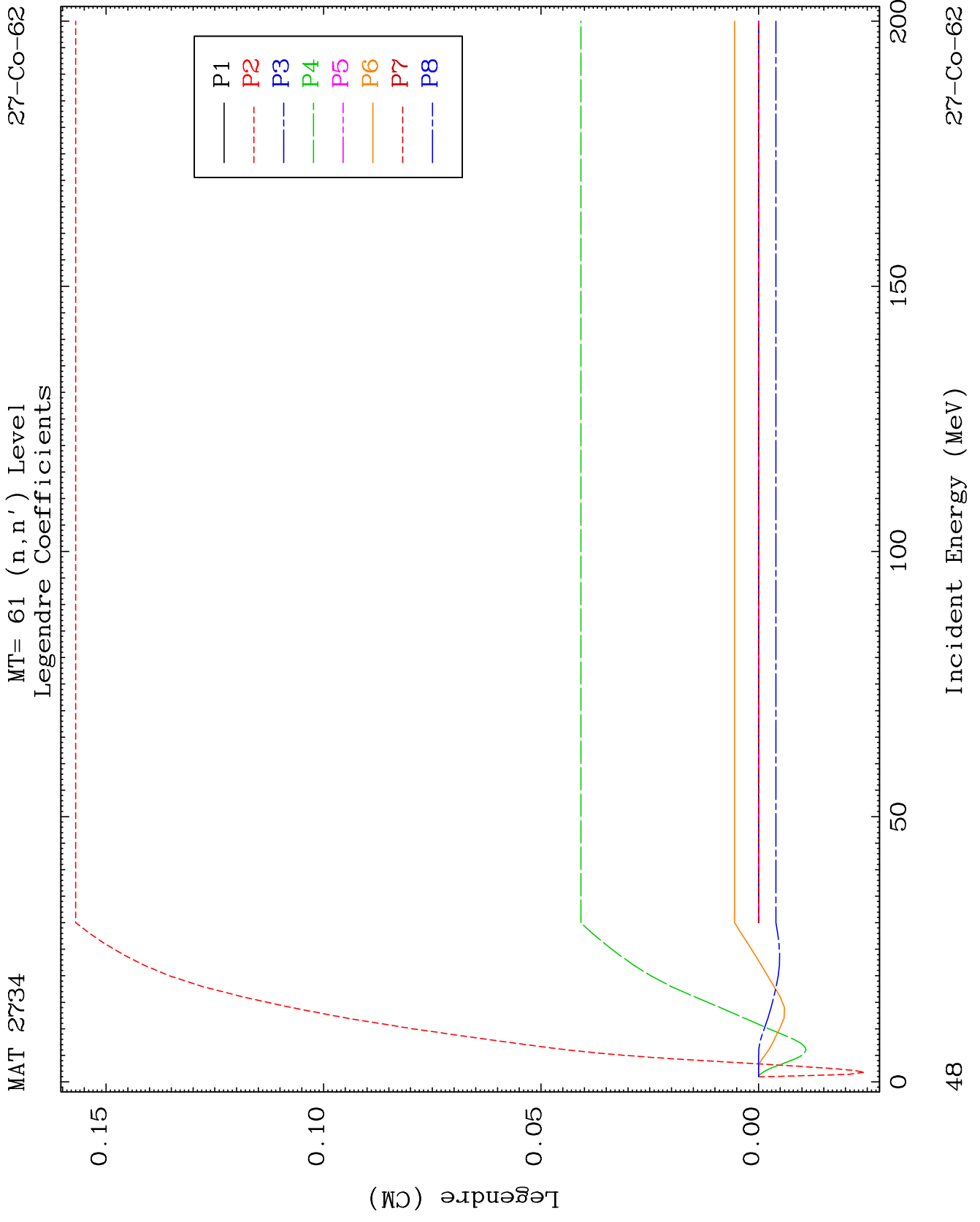


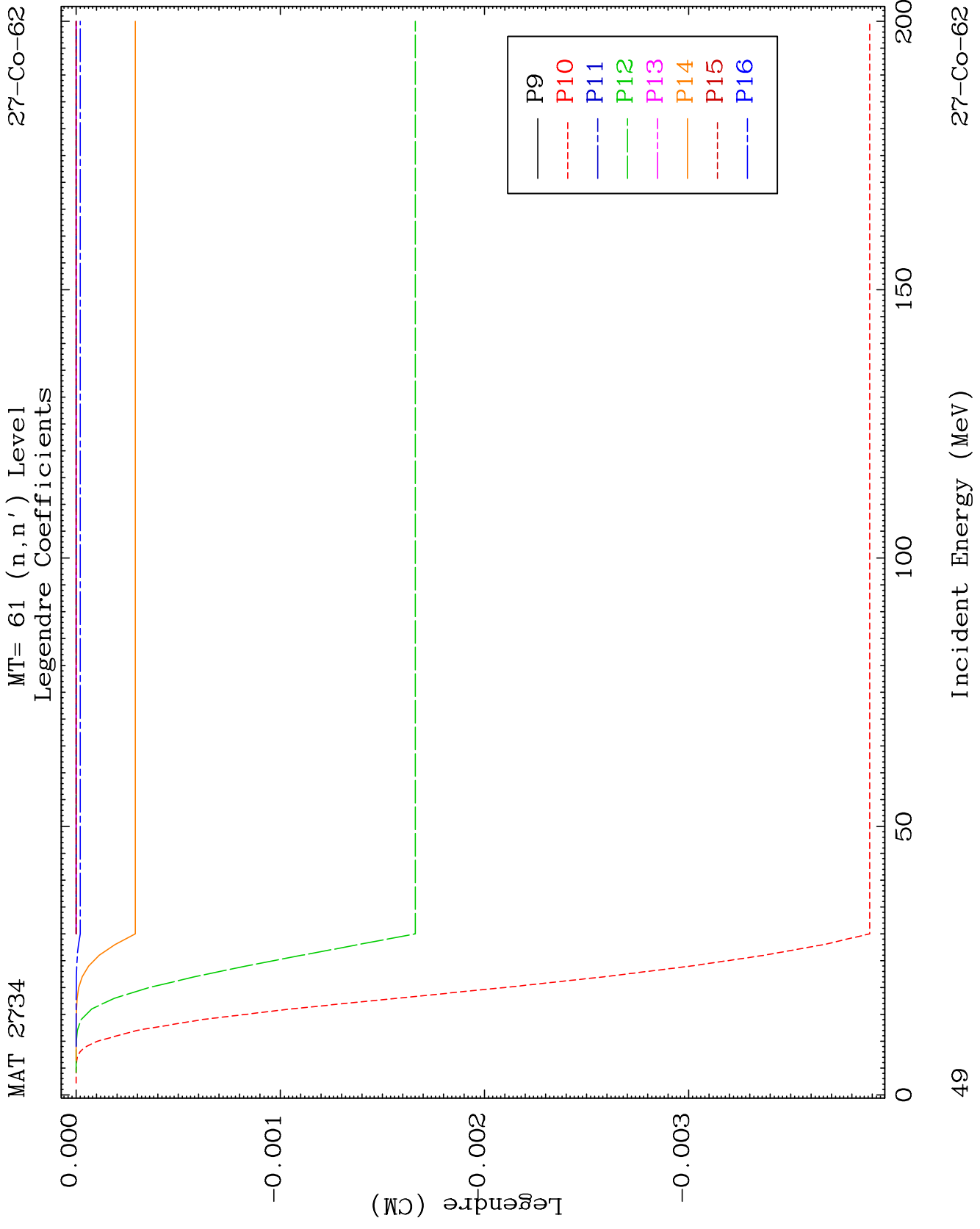
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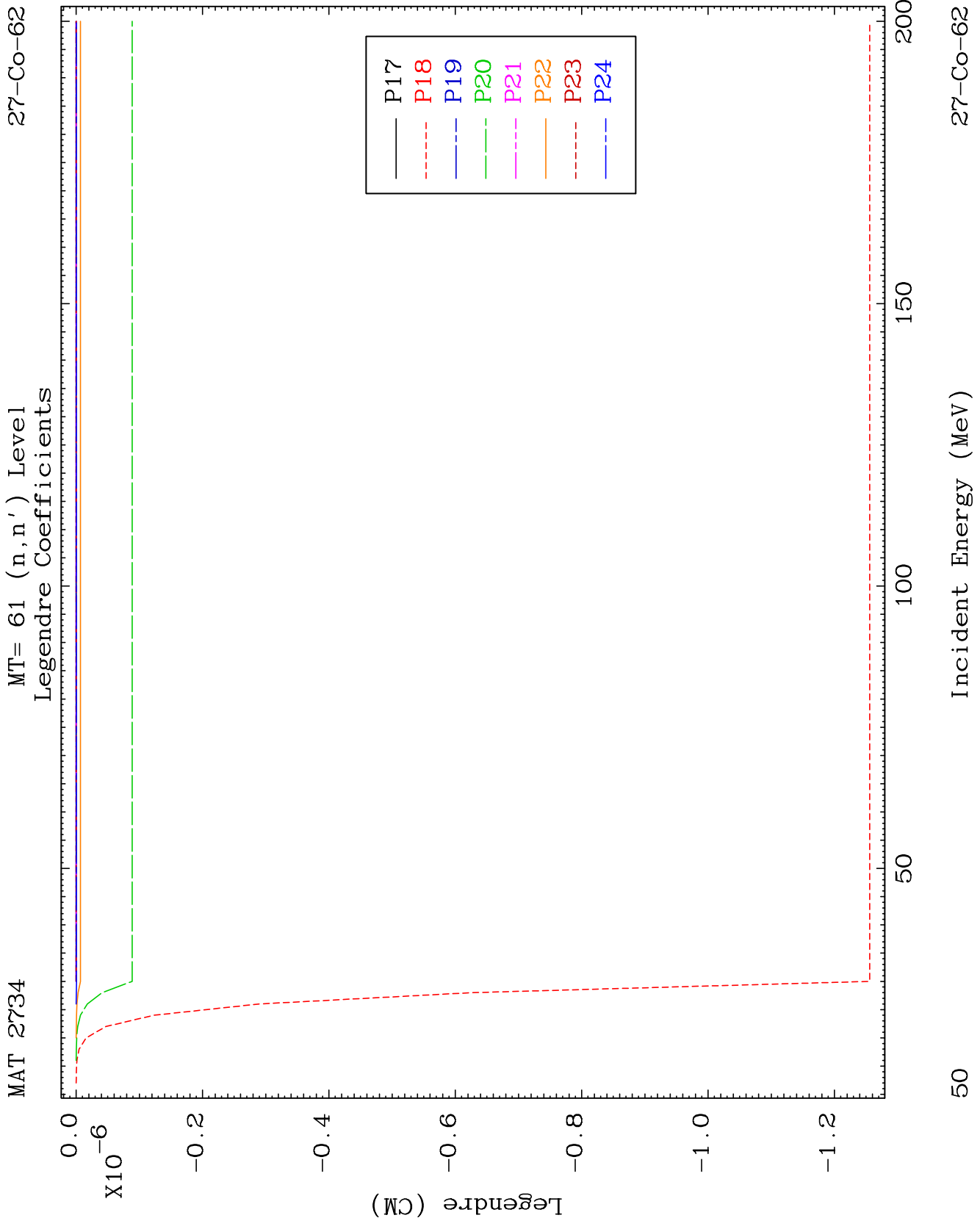
Incident Energy (MeV)

27-Co-62





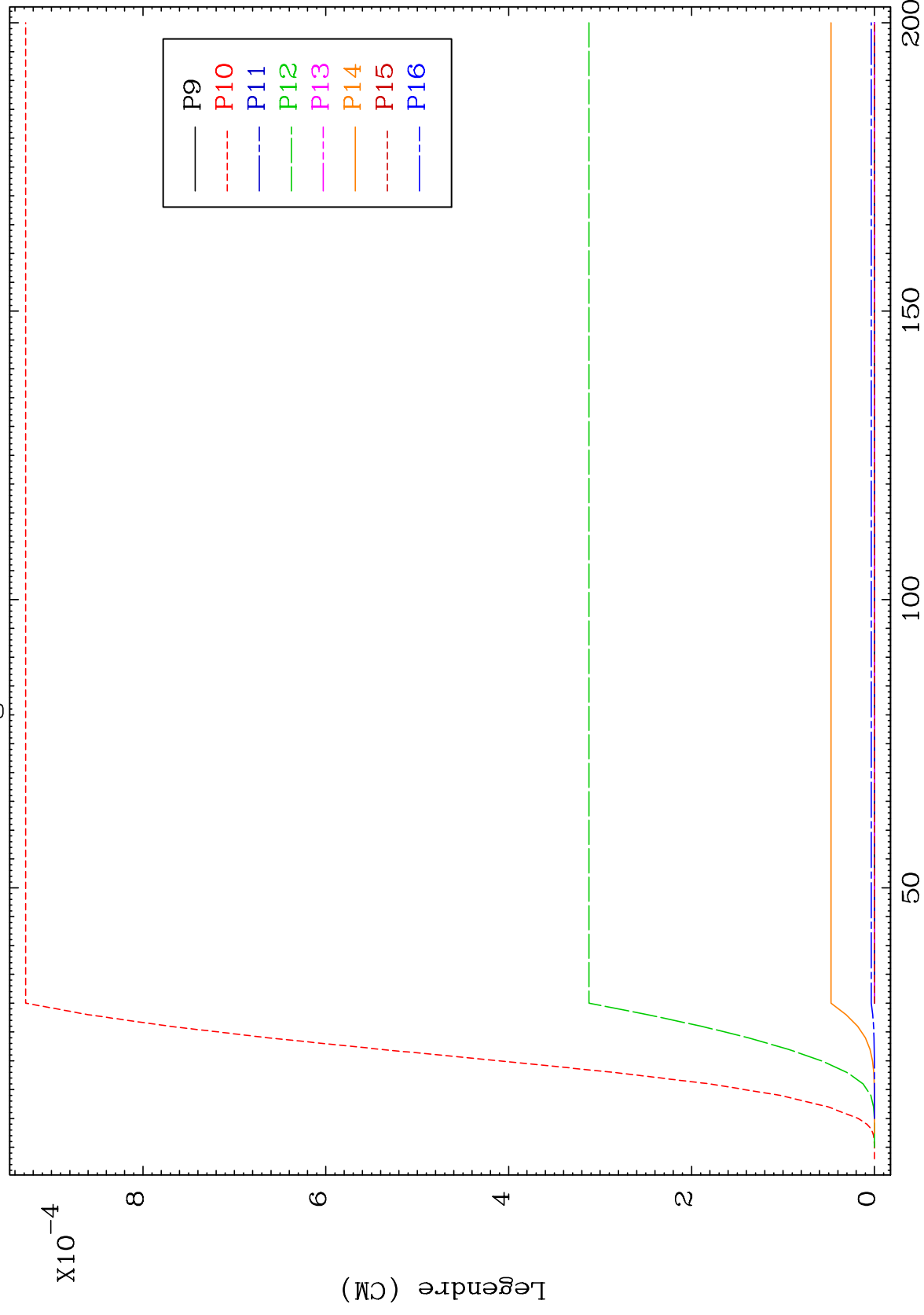




MAT 2734

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

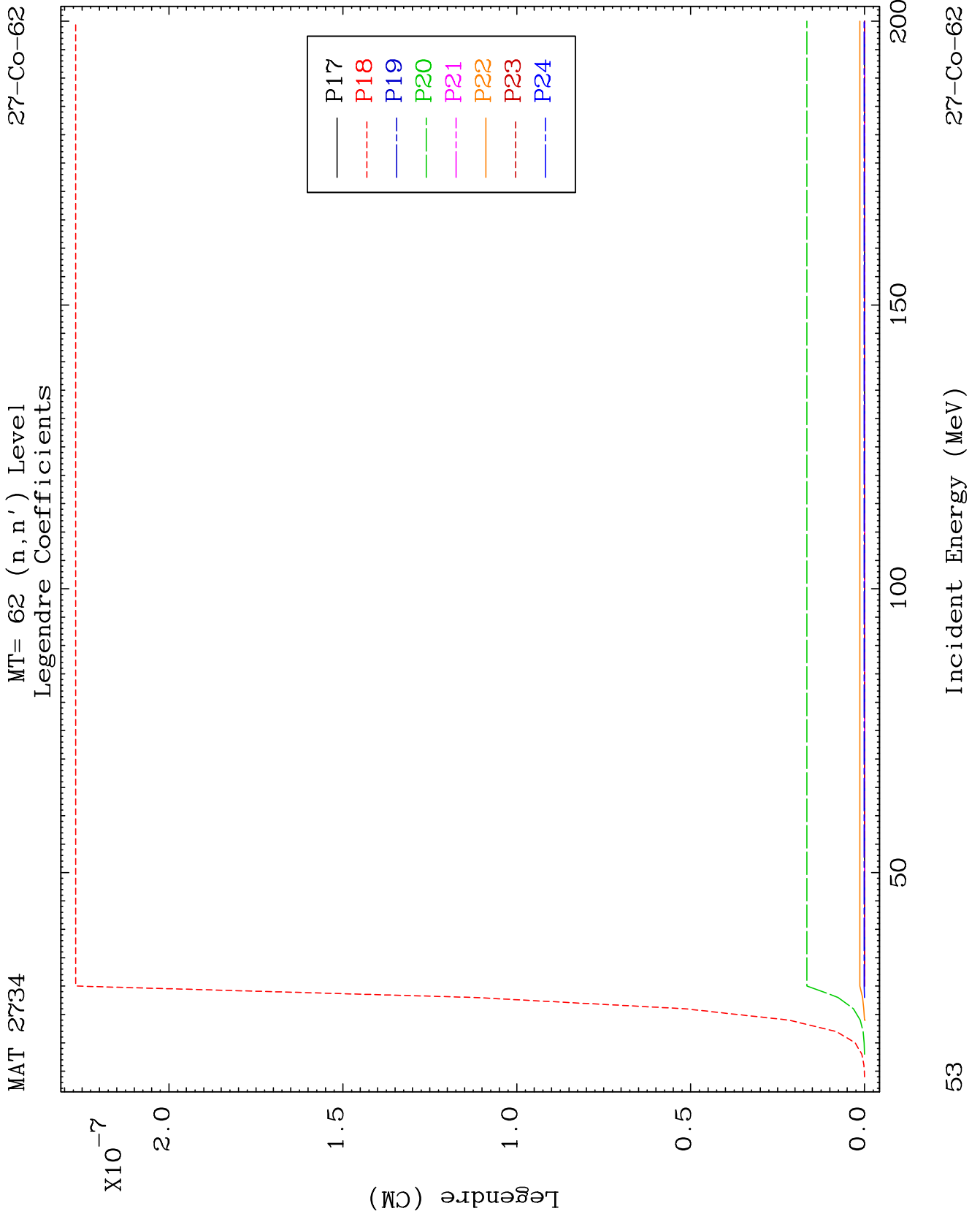
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Incident Energy (MeV)

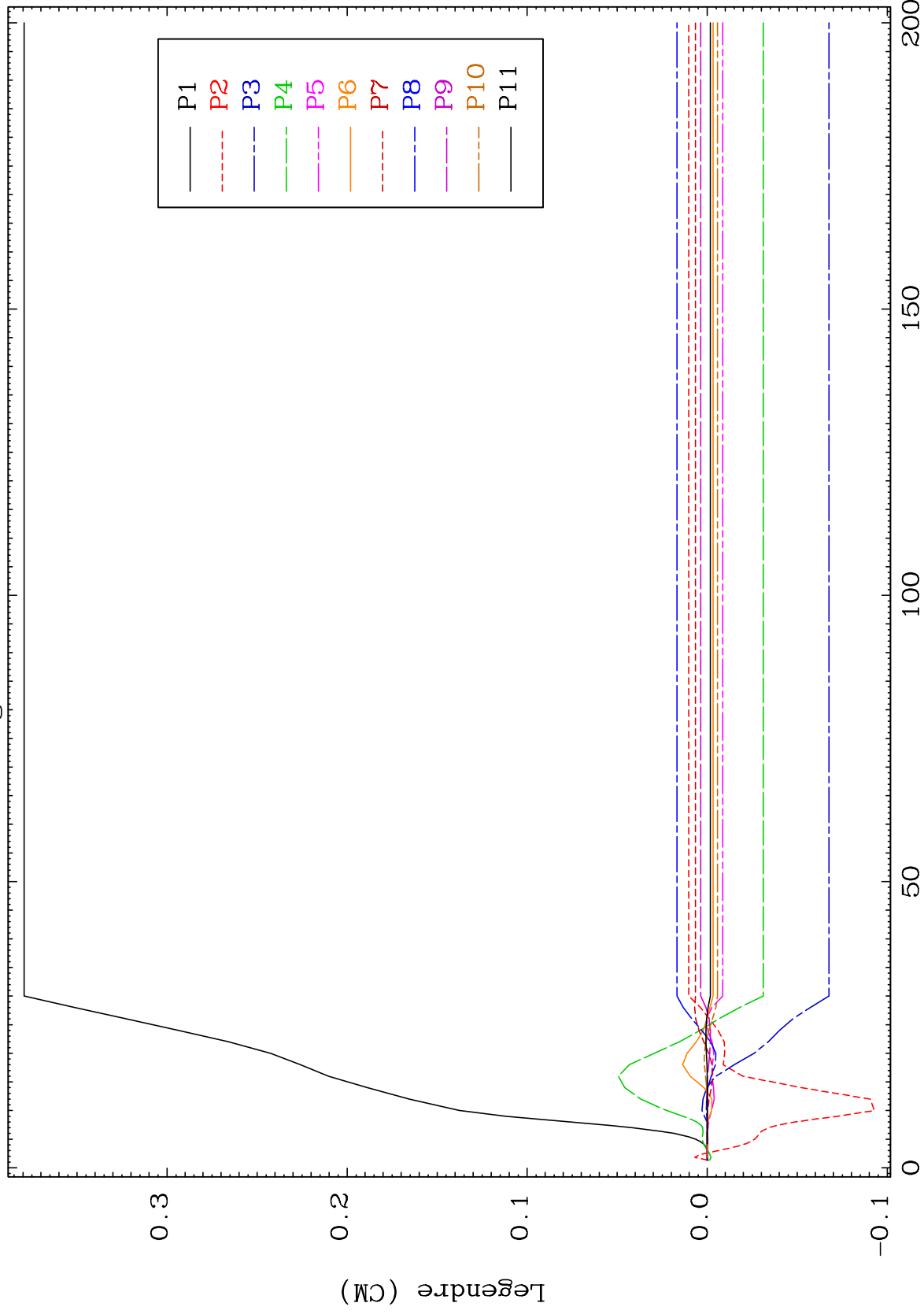
27-Co-62



MAT 2734

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

27-Co-62



54

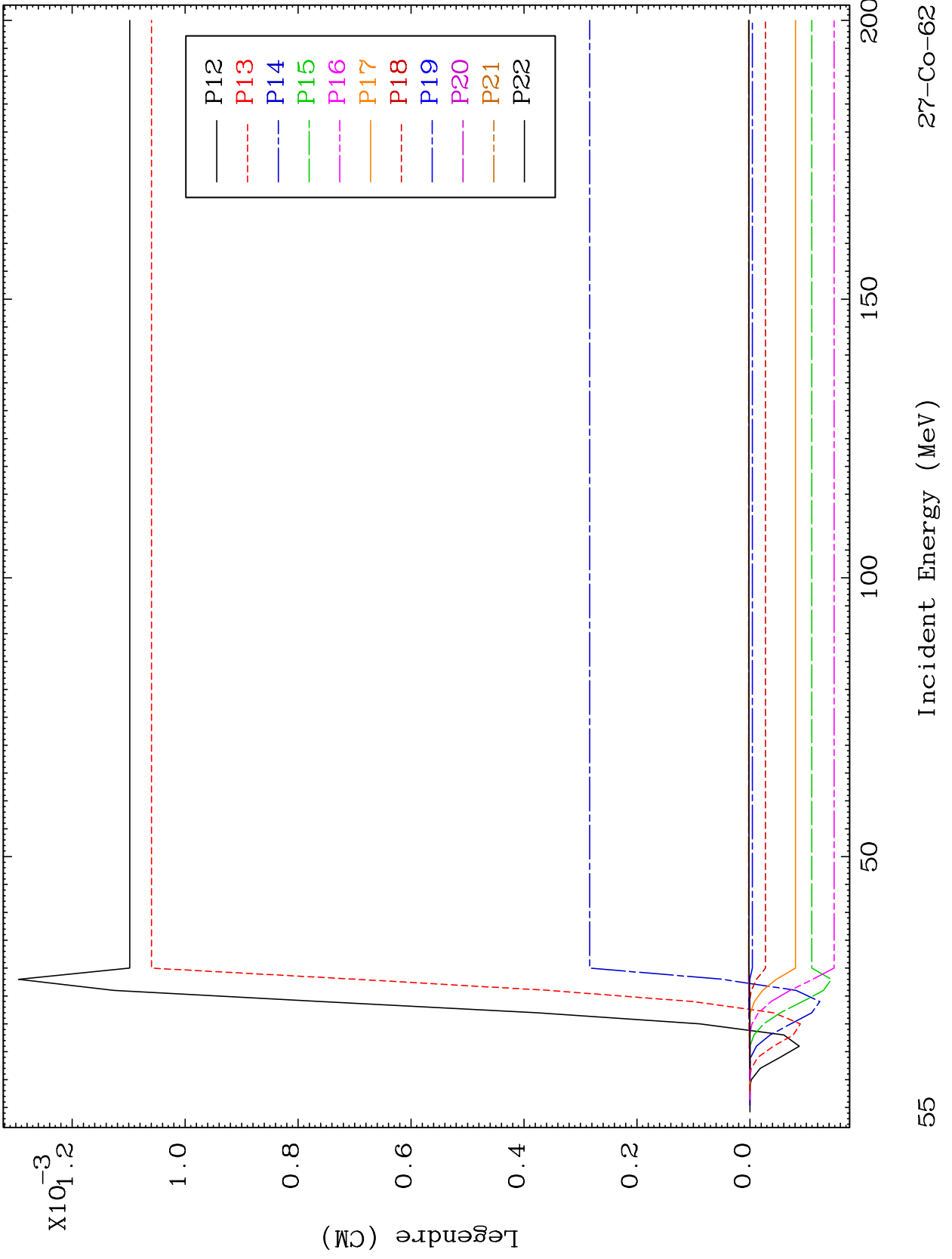
Incident Energy (MeV)

27-Co-62

MAT 2734

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

27-Co-62



55

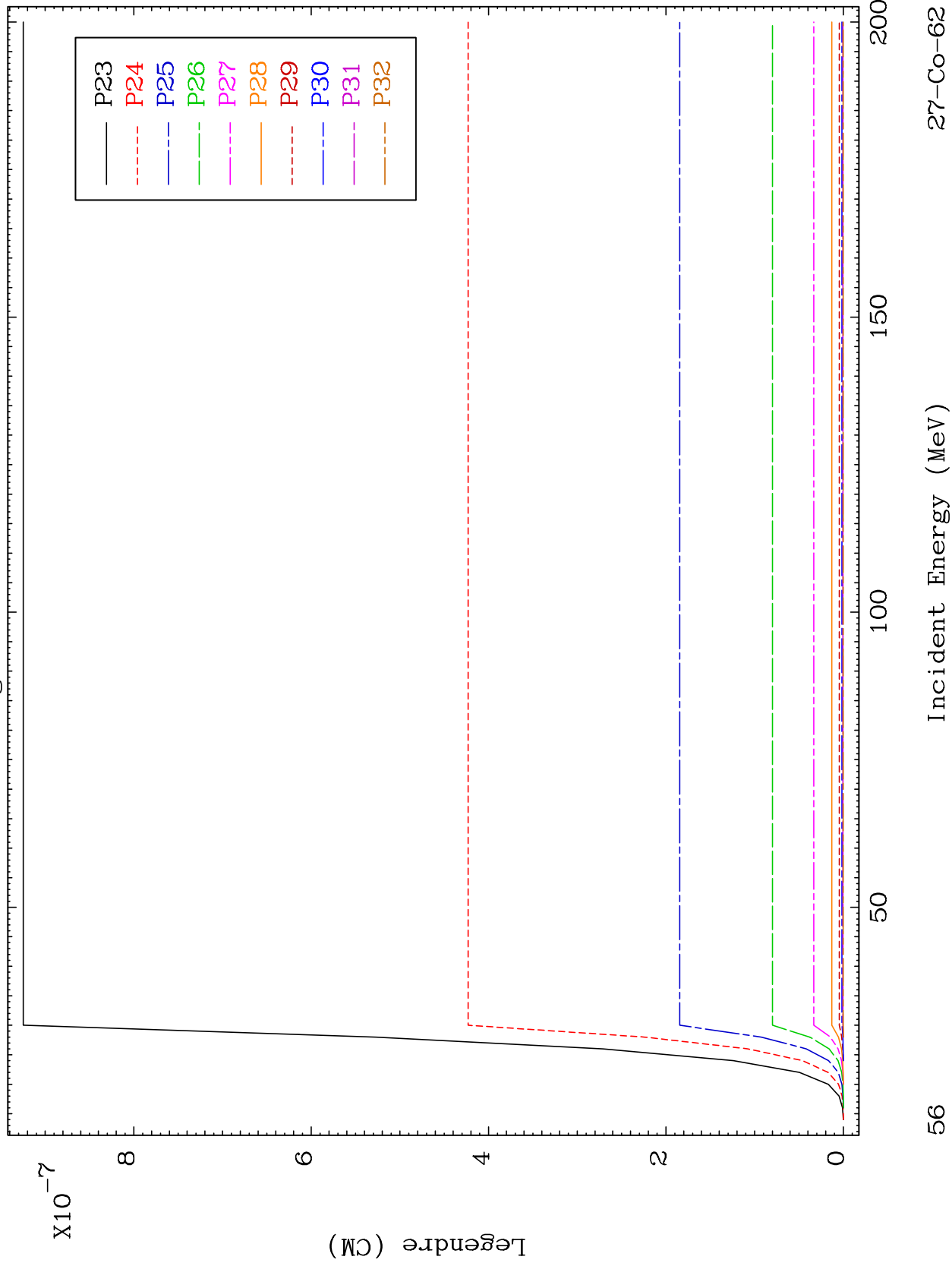
Incident Energy (MeV)

27-Co-62

MAT 2734

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

27-Co-62



56

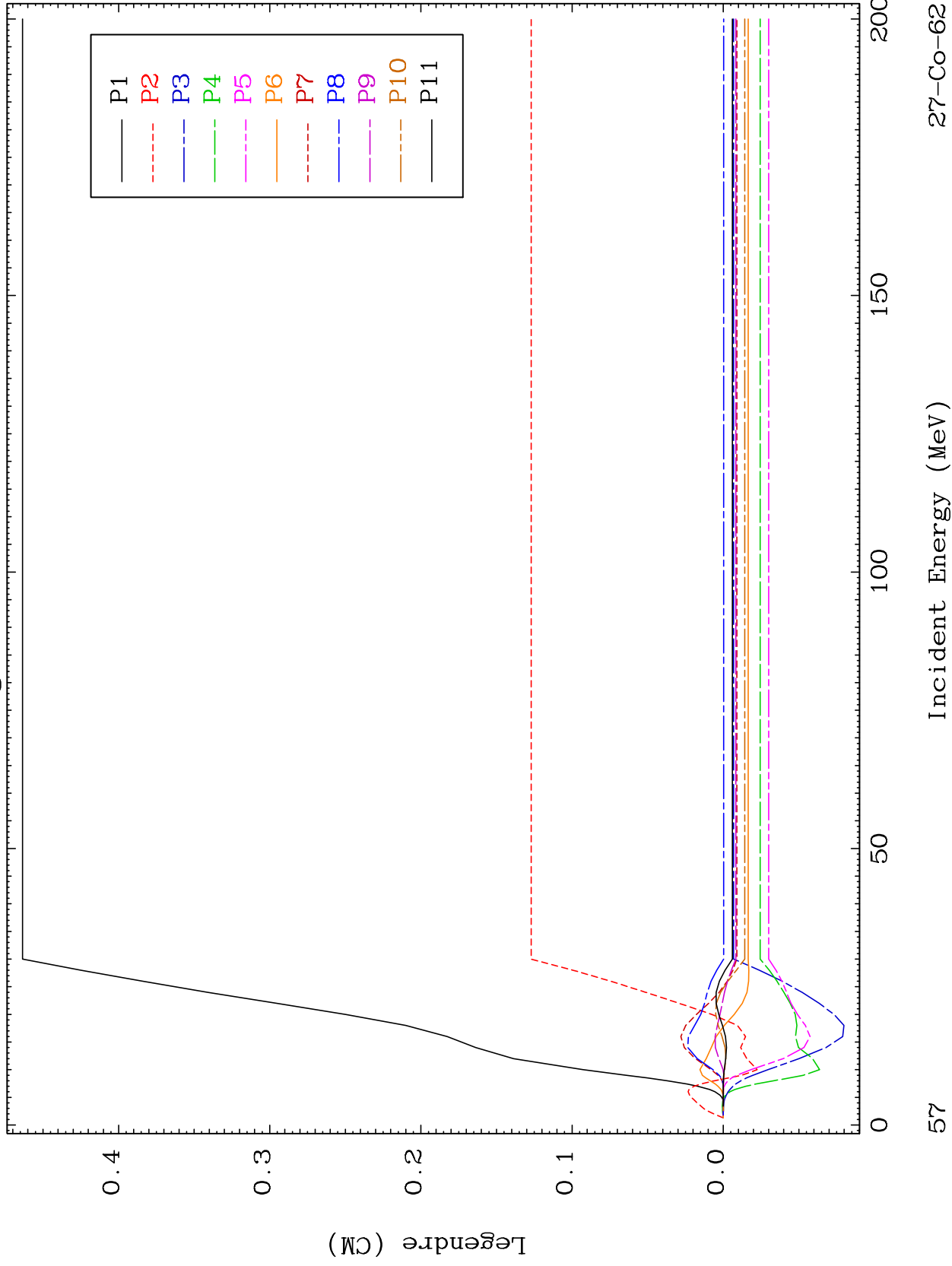
Incident Energy (MeV)

27-Co-62

MAT 2734

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

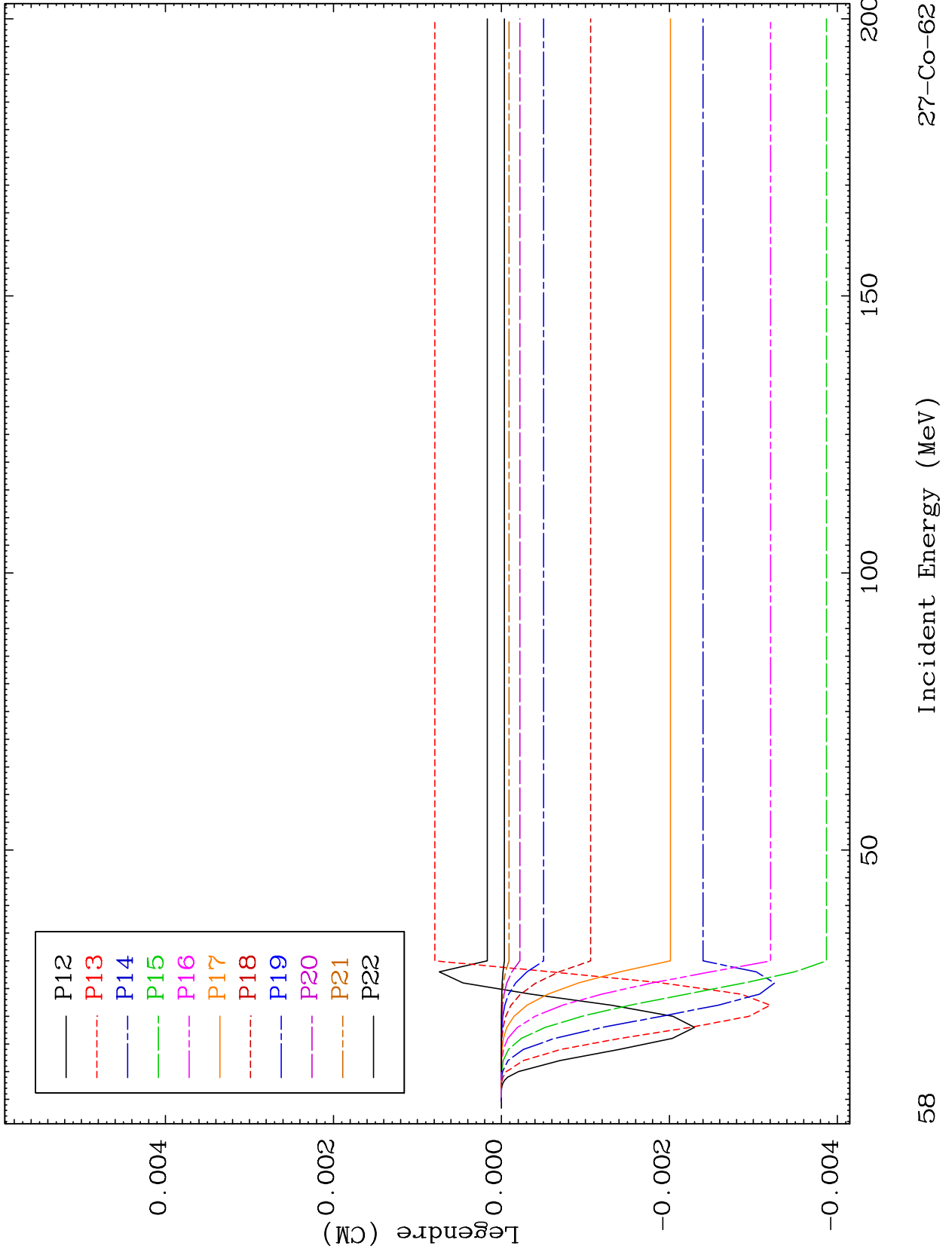
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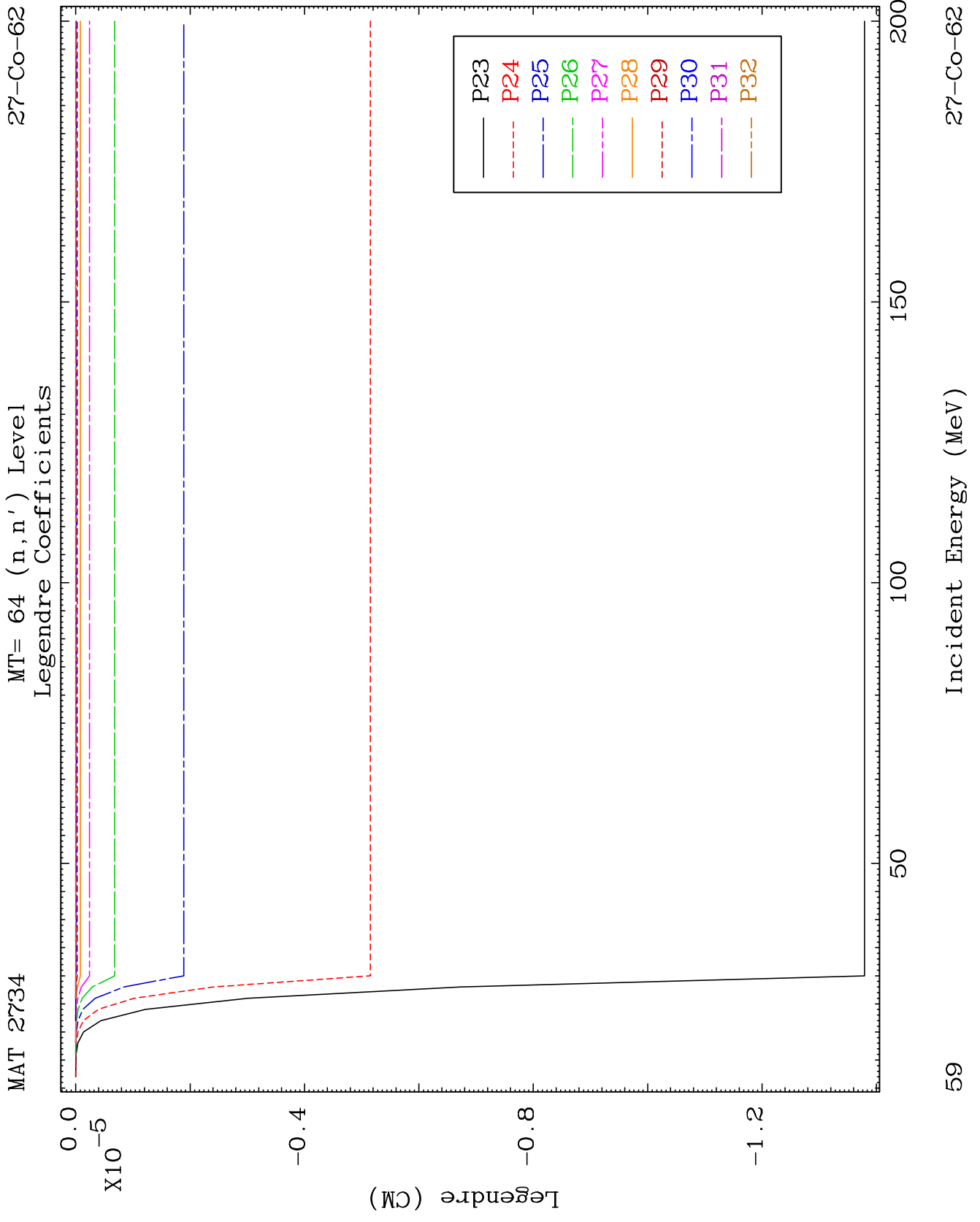


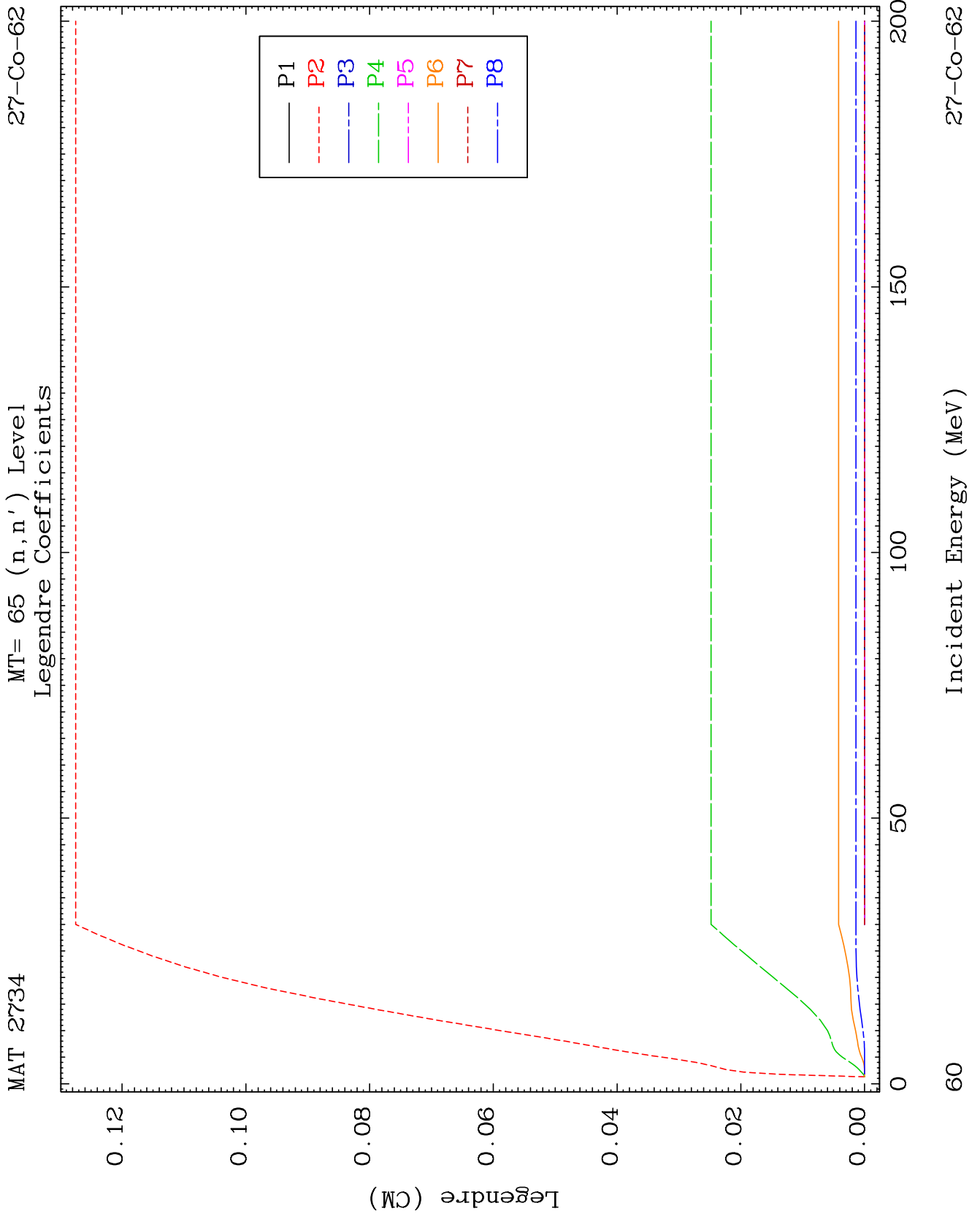
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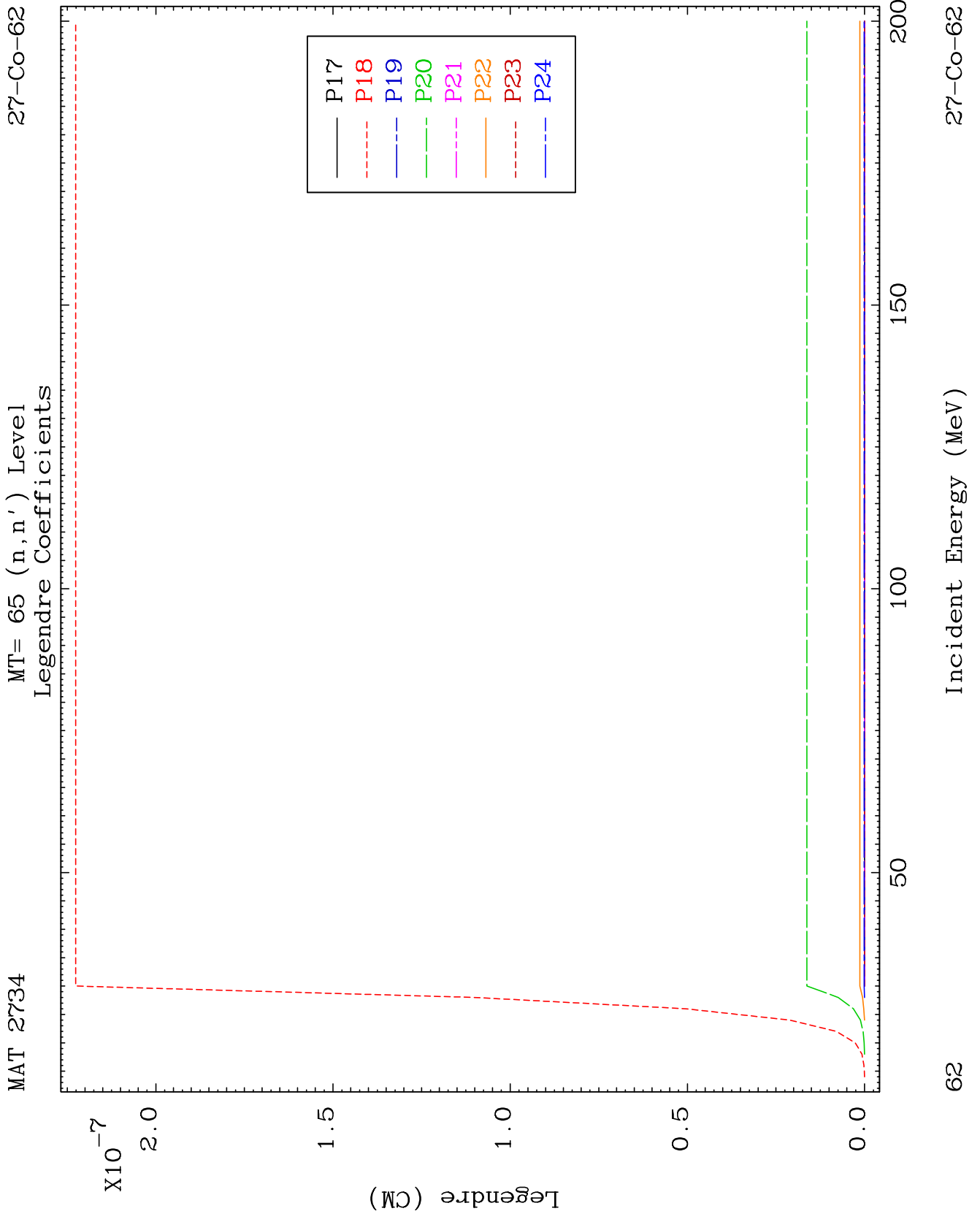
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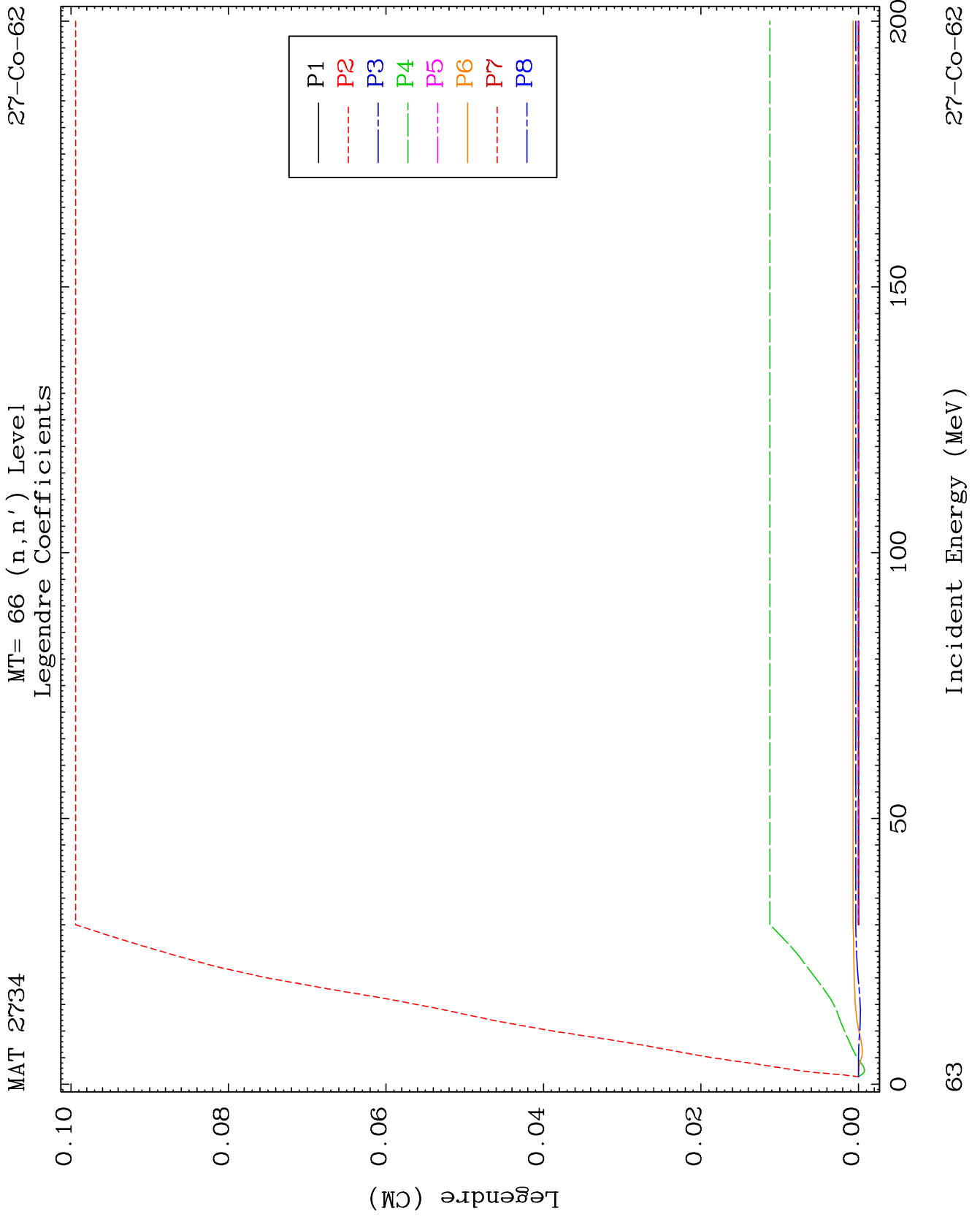
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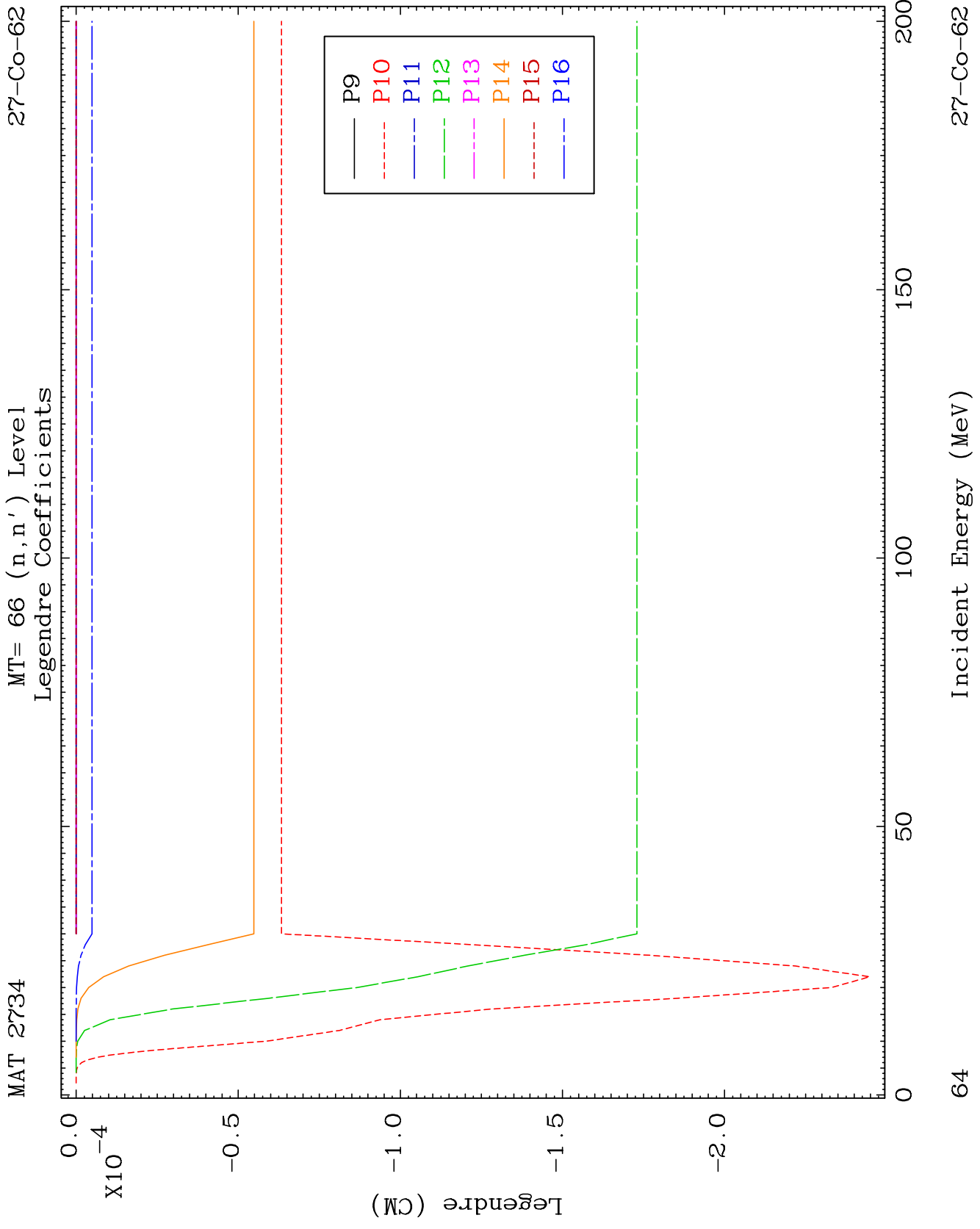








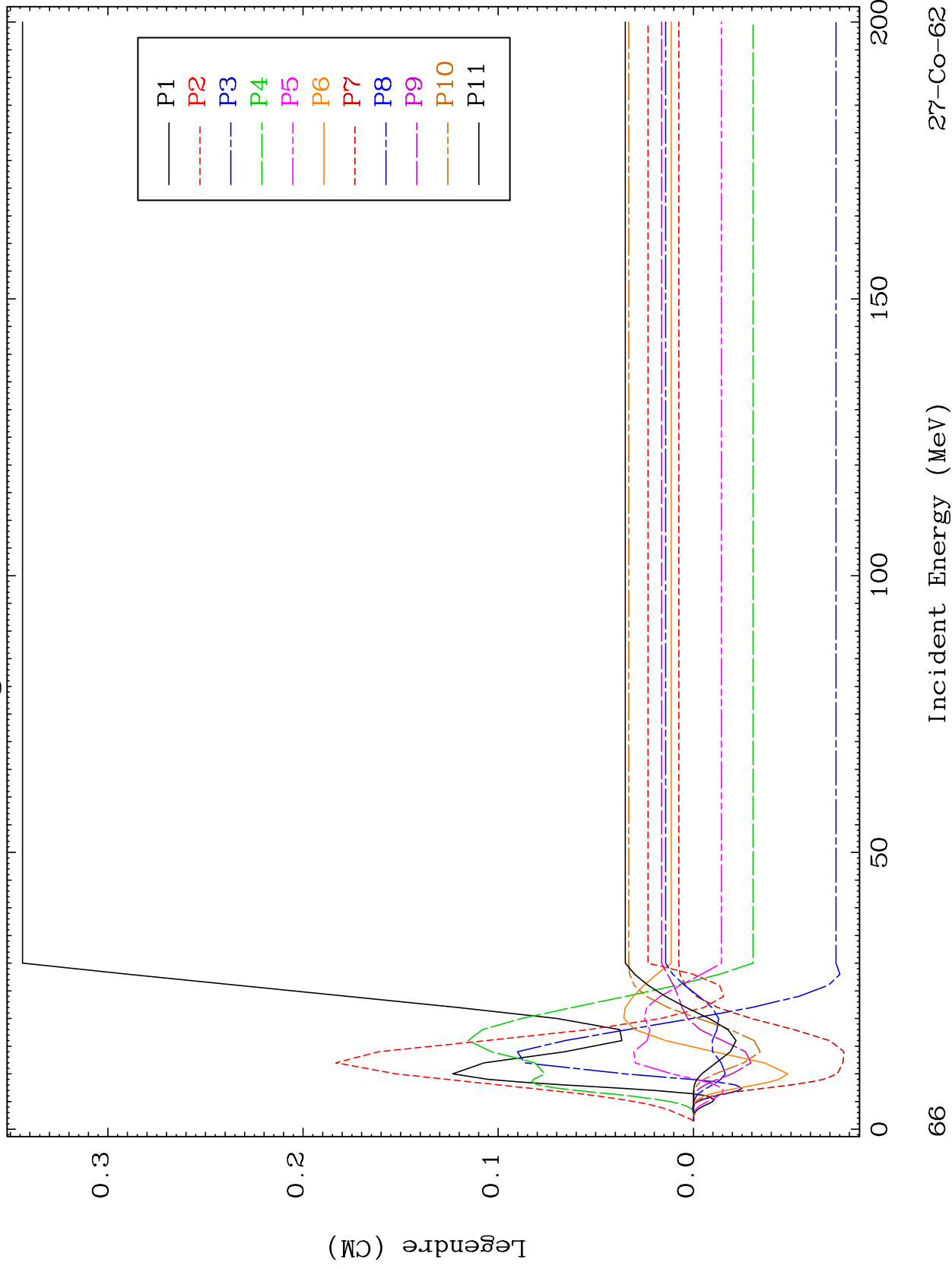




MAT 2734

MT= 67 (n,n') Level
Legendre Coefficients

27-Co-62



27-Co-62

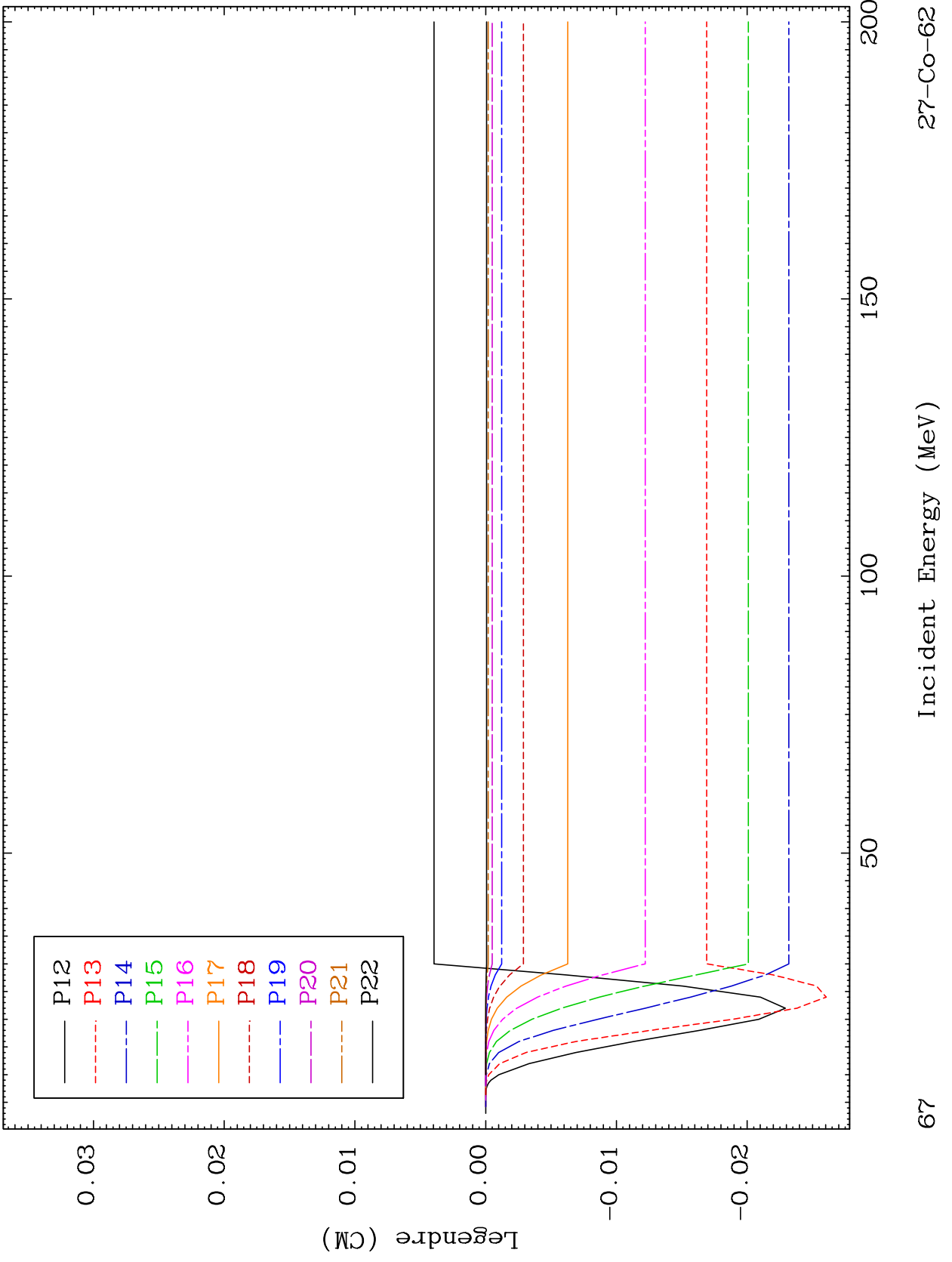
Incident Energy (MeV)

66

MAT 2734

MT= 67 (n,n') Level
Legendre Coefficients

27-Co-62



67

Incident Energy (MeV)

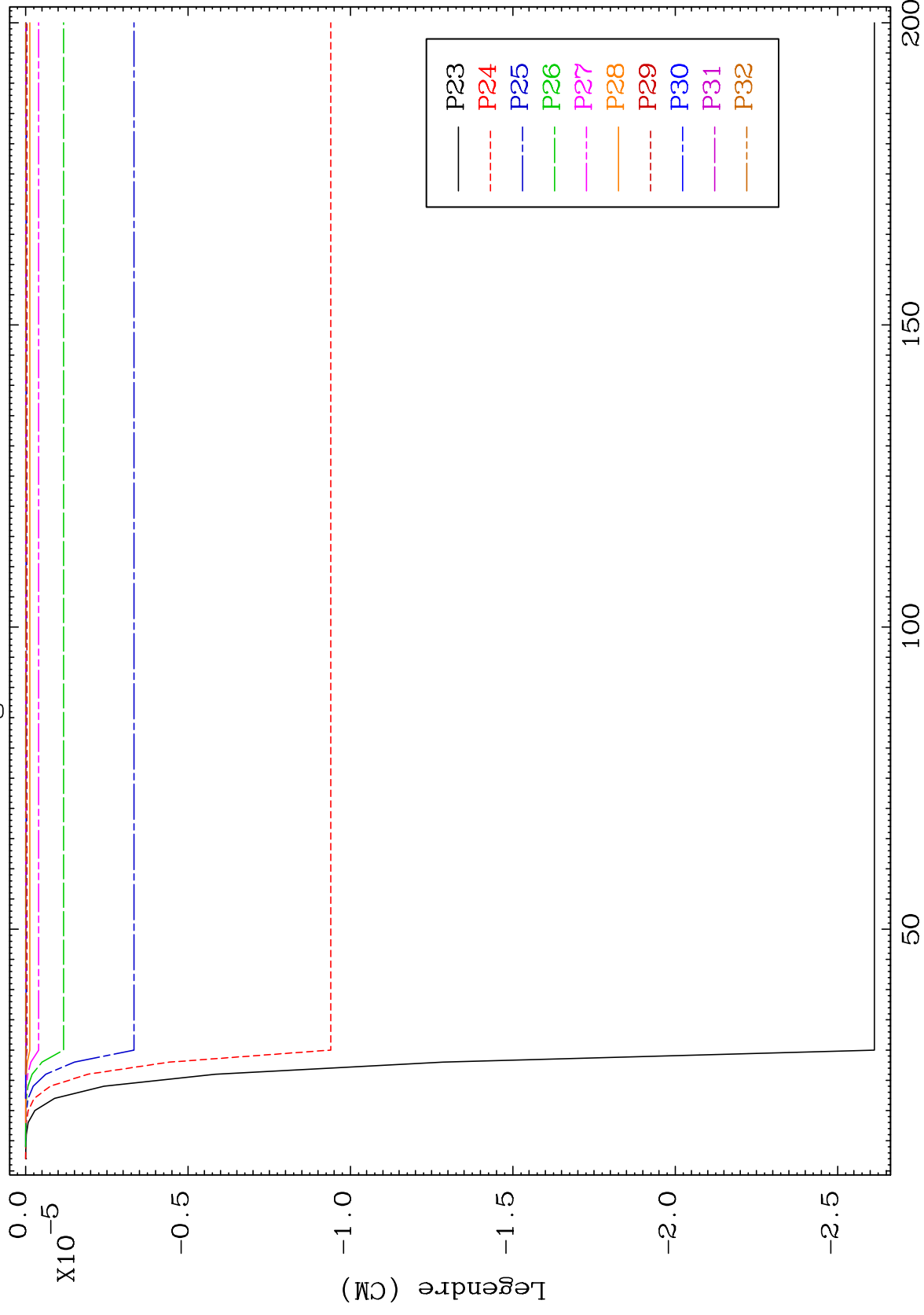
27-Co-62

MAT 2734

MT= 67 (n,n') Level

27-Co-62

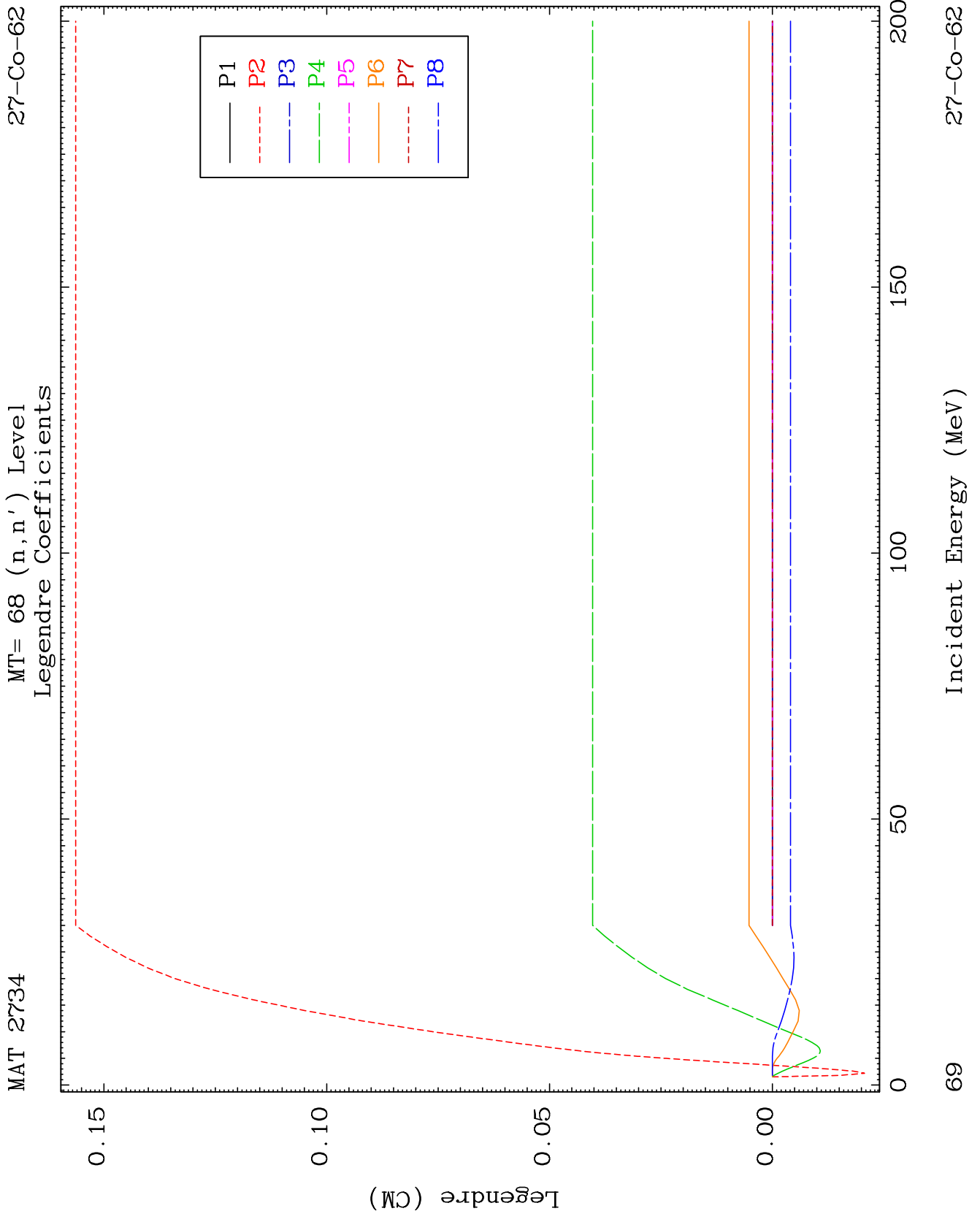
Legendre Coefficients

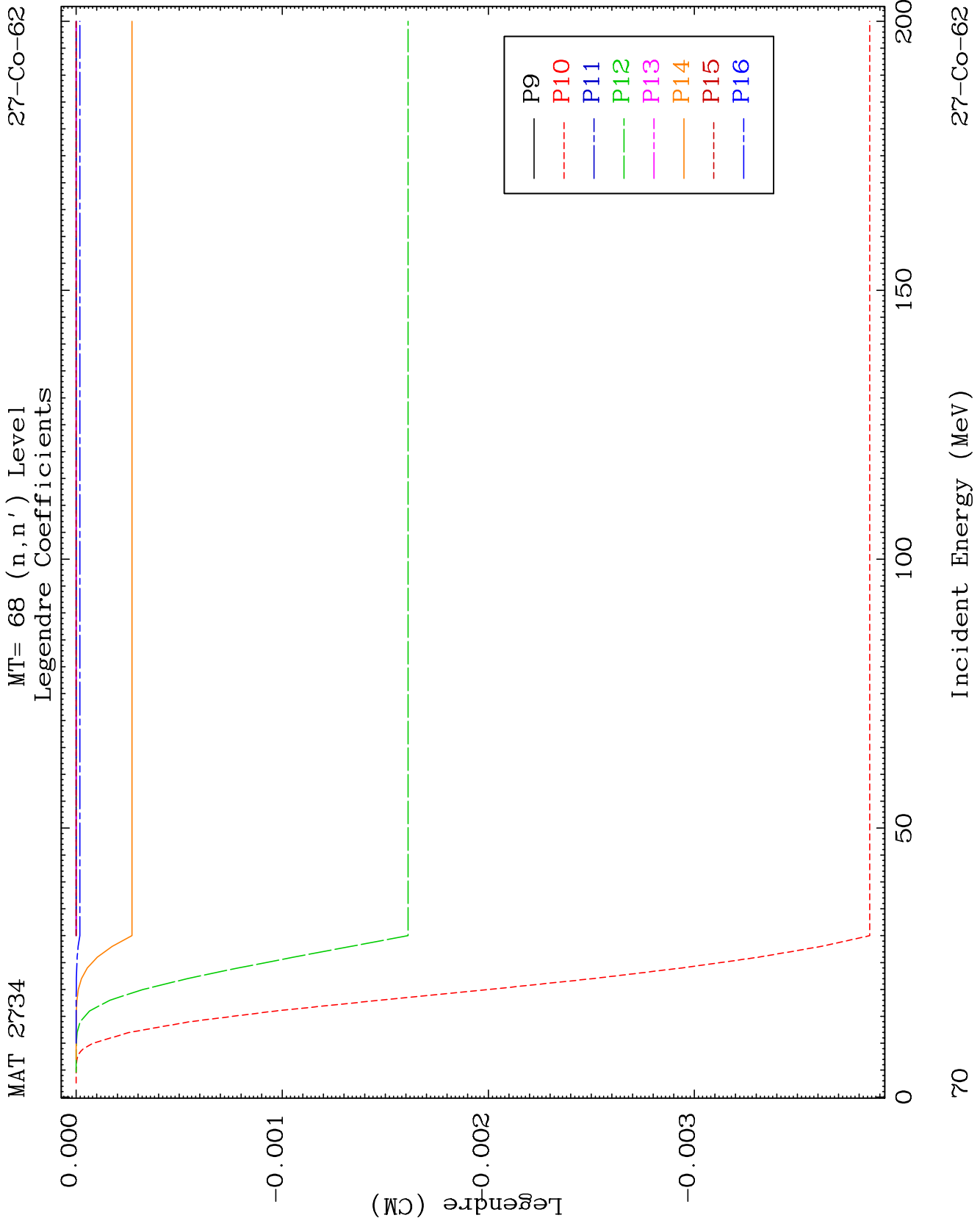


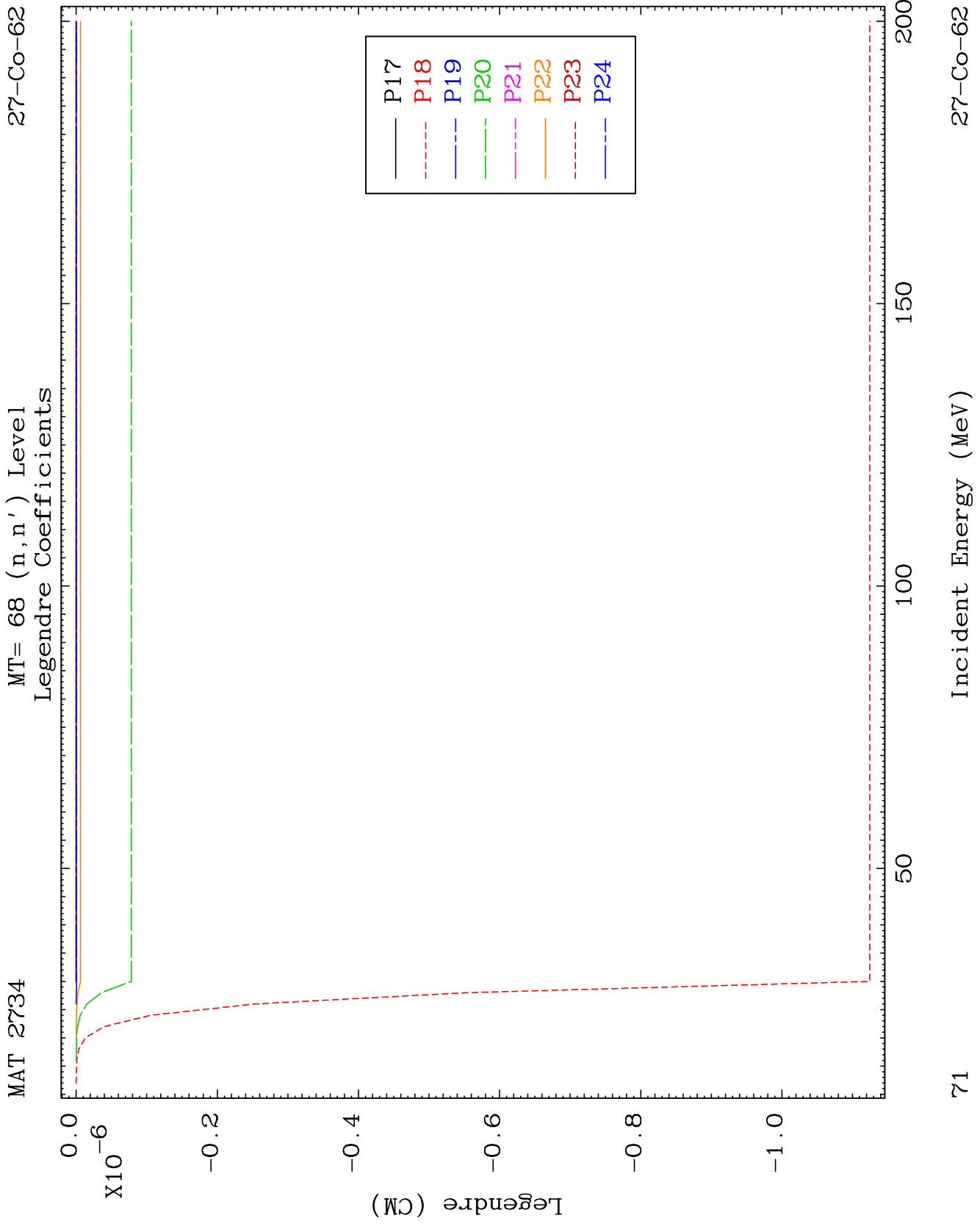
27-Co-62

Incident Energy (MeV)

68



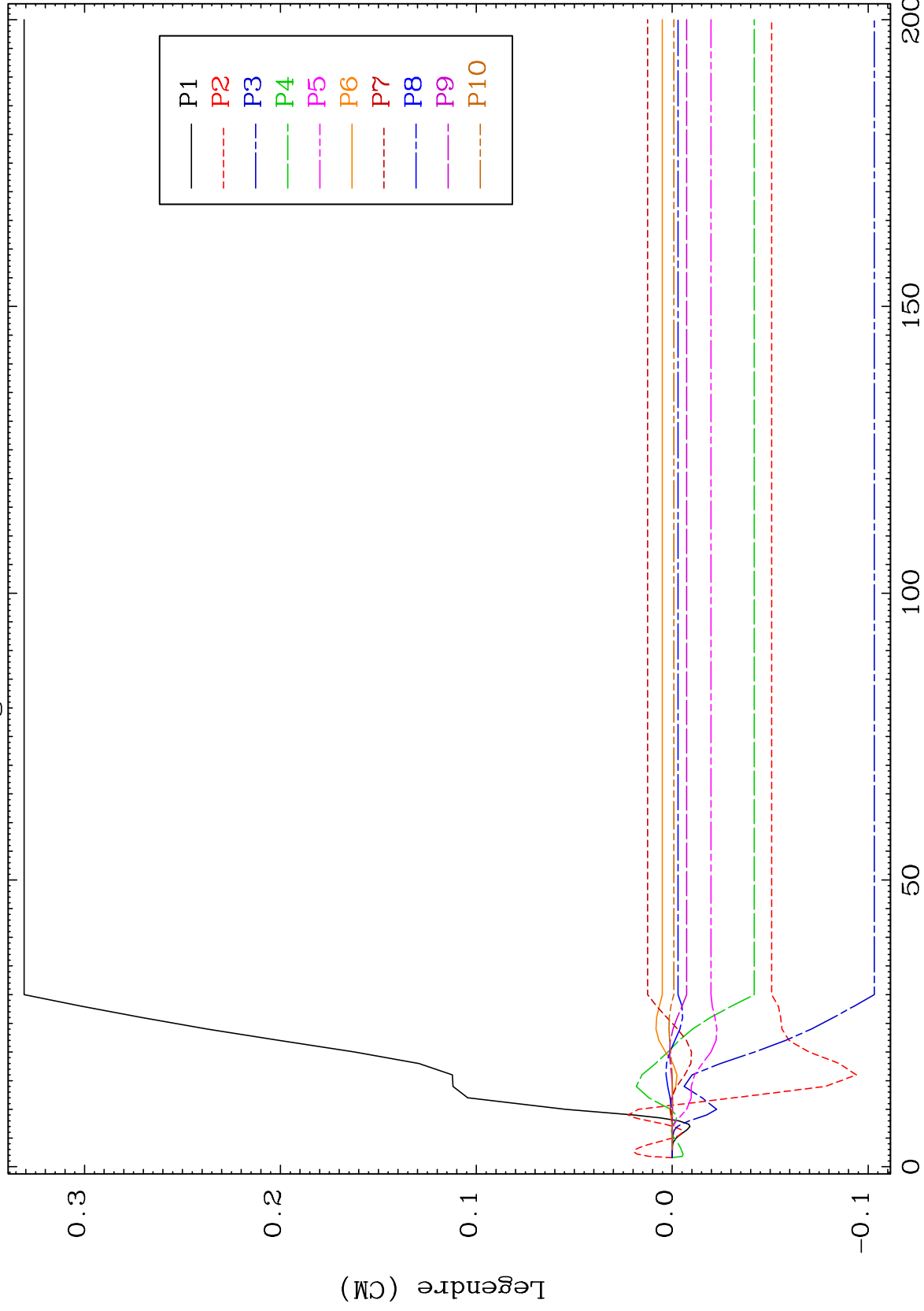




MAT 2734

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

27-Co-62



72

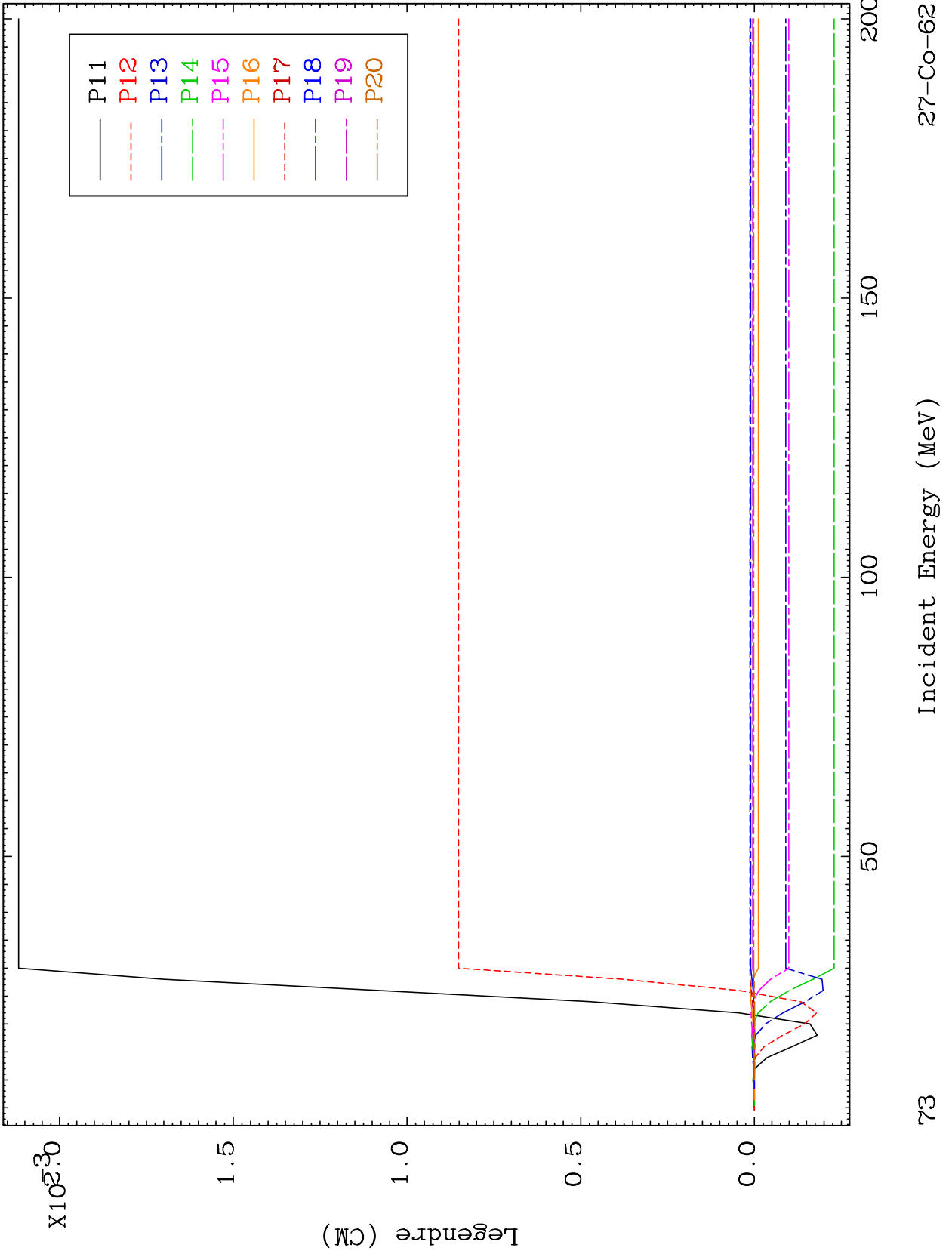
Incident Energy (MeV)

27-Co-62

MAT 2734

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

27-Co-62



73

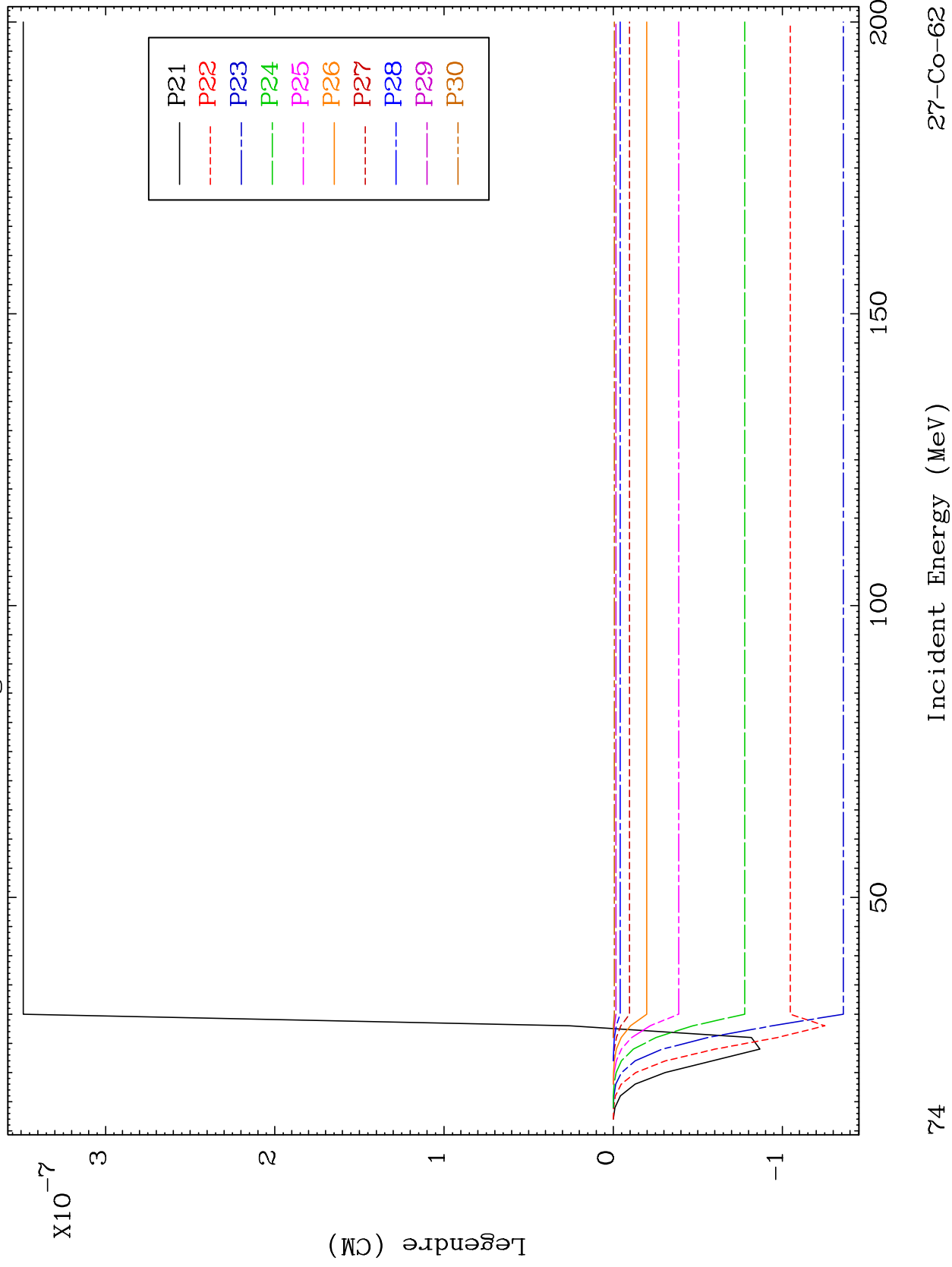
Incident Energy (MeV)

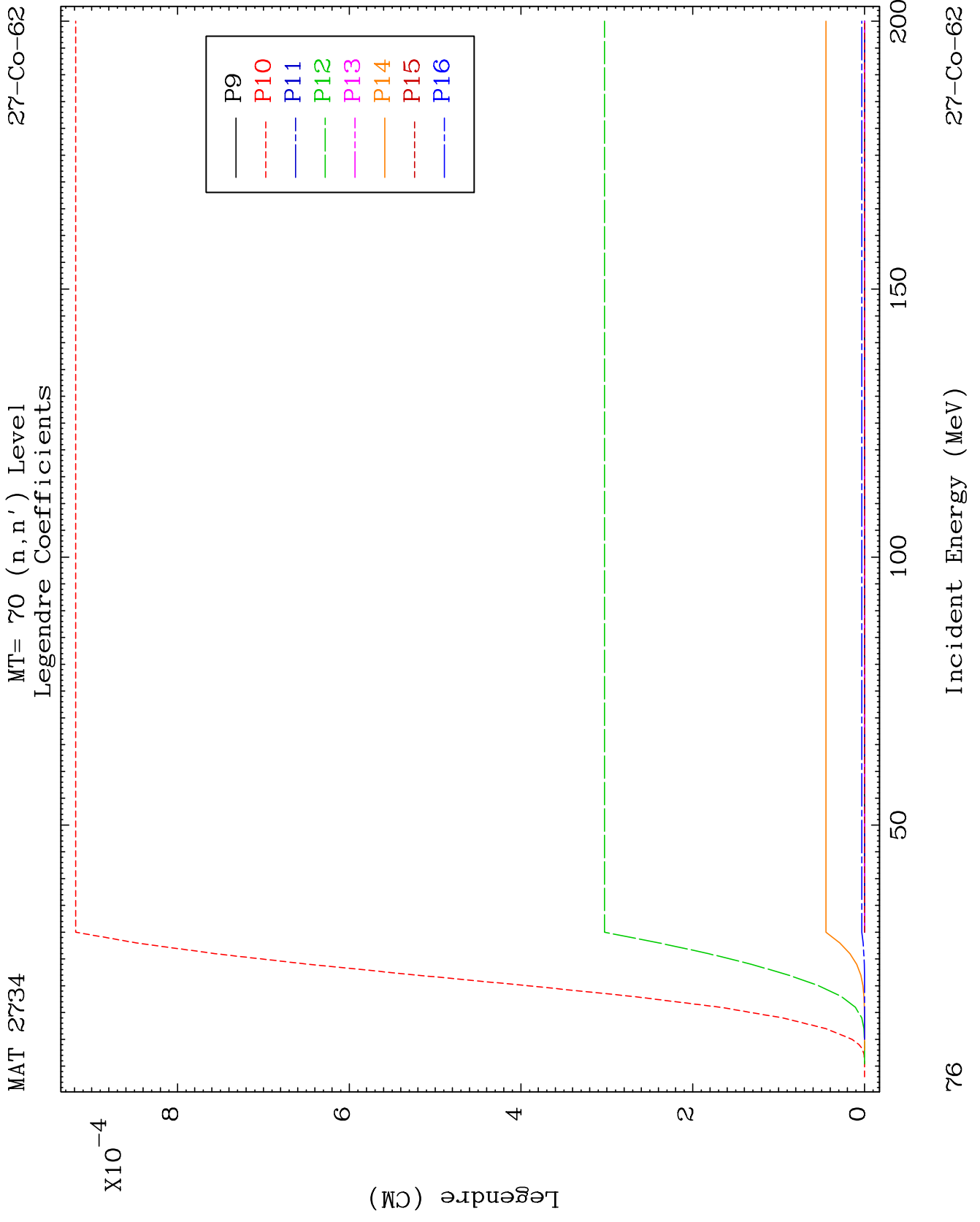
27-Co-62

MAT 2734

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

27-Co-62

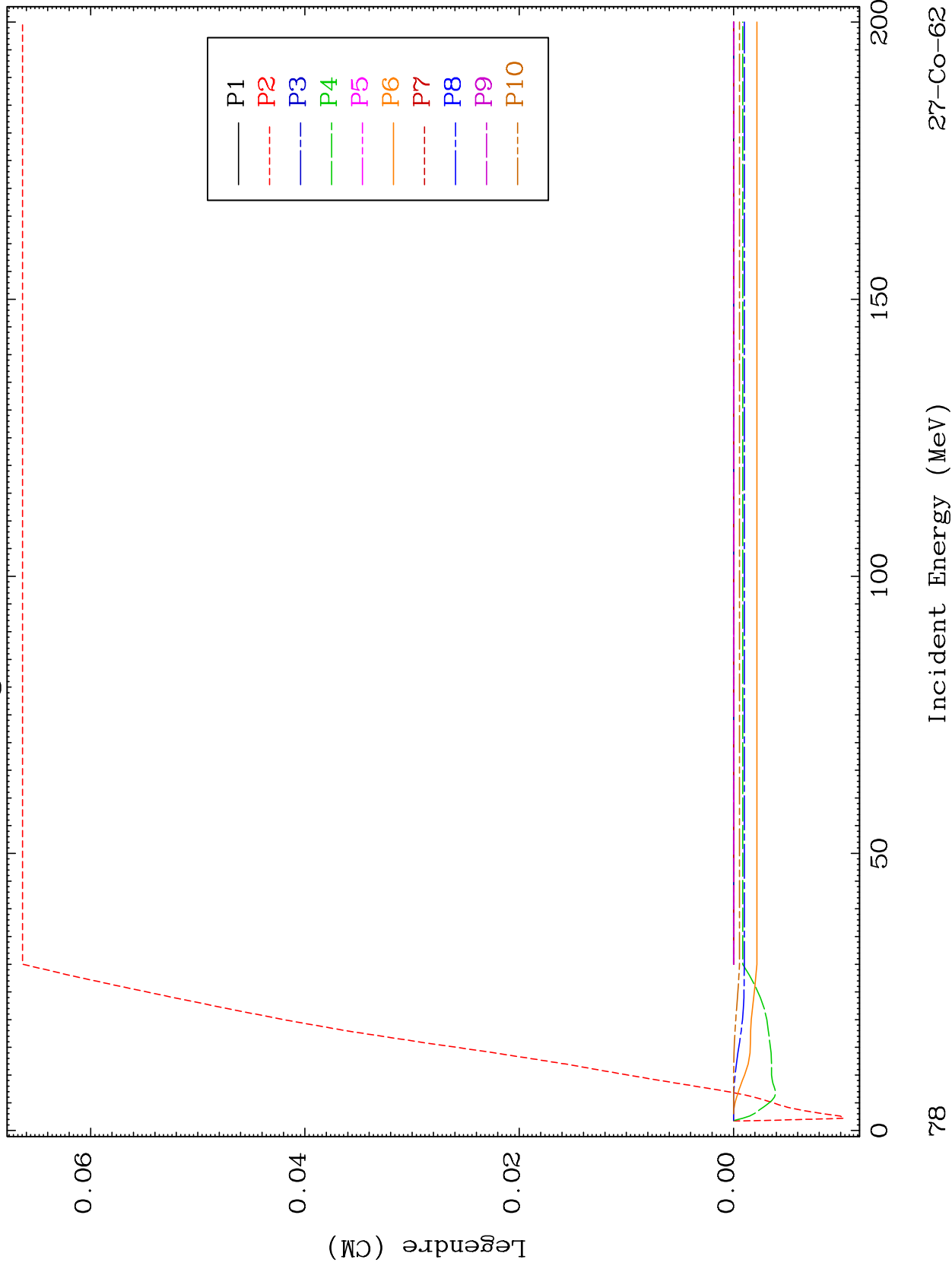




MAT 2734

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

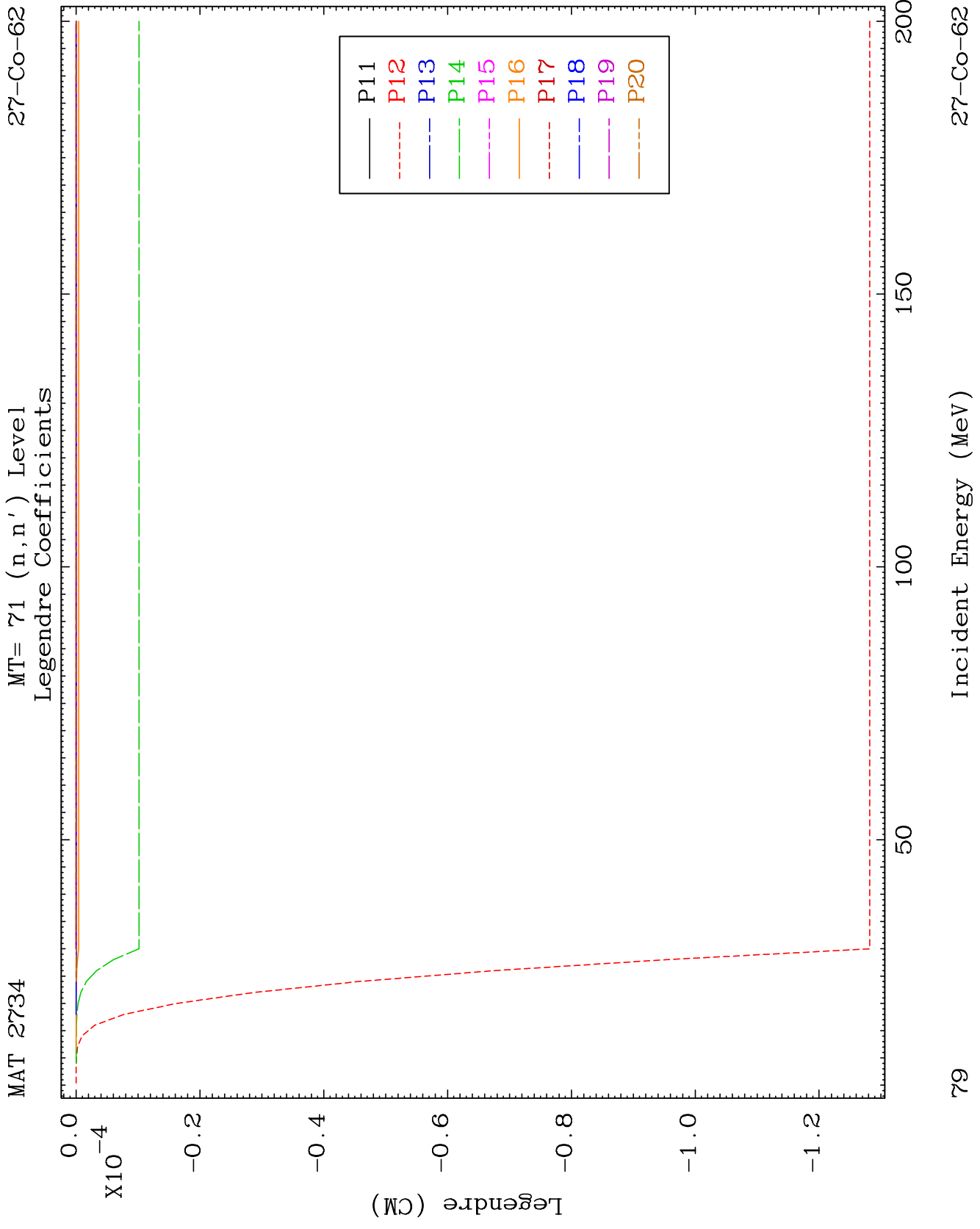
27-Co-62



27-Co-62

Incident Energy (MeV)

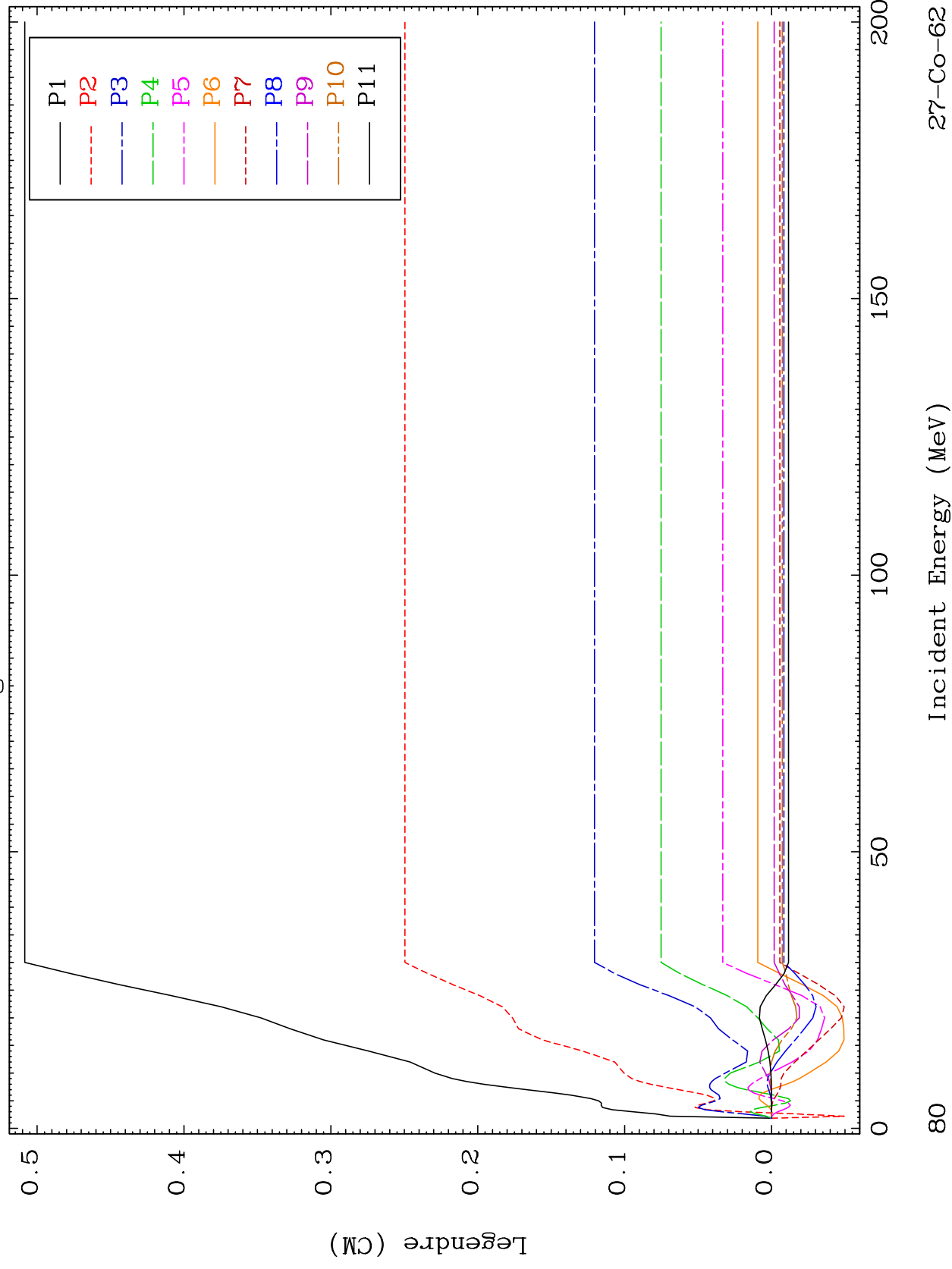
78



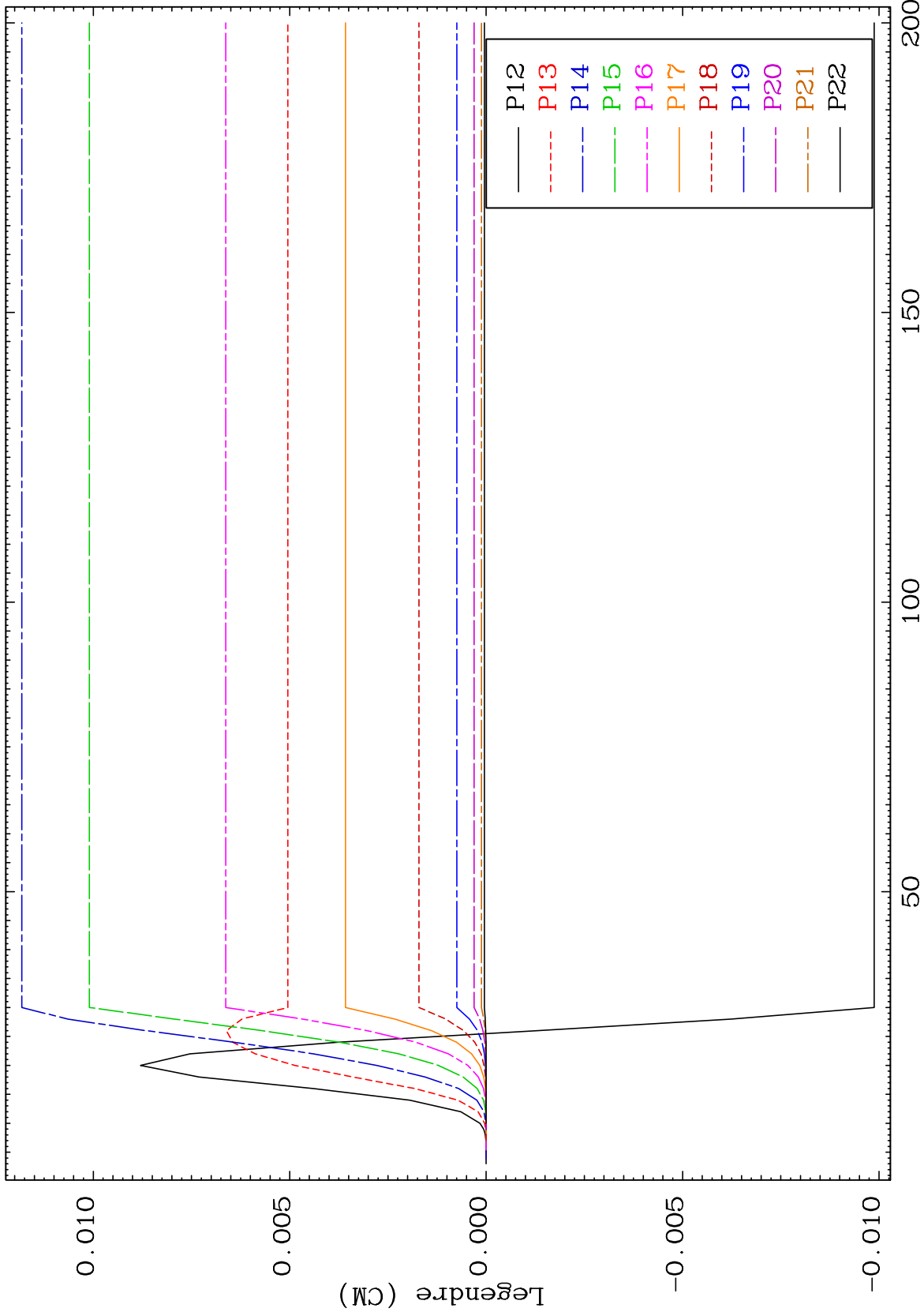
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MT= 72 (n,n') Level
Legendre Coefficients

27-Co-62



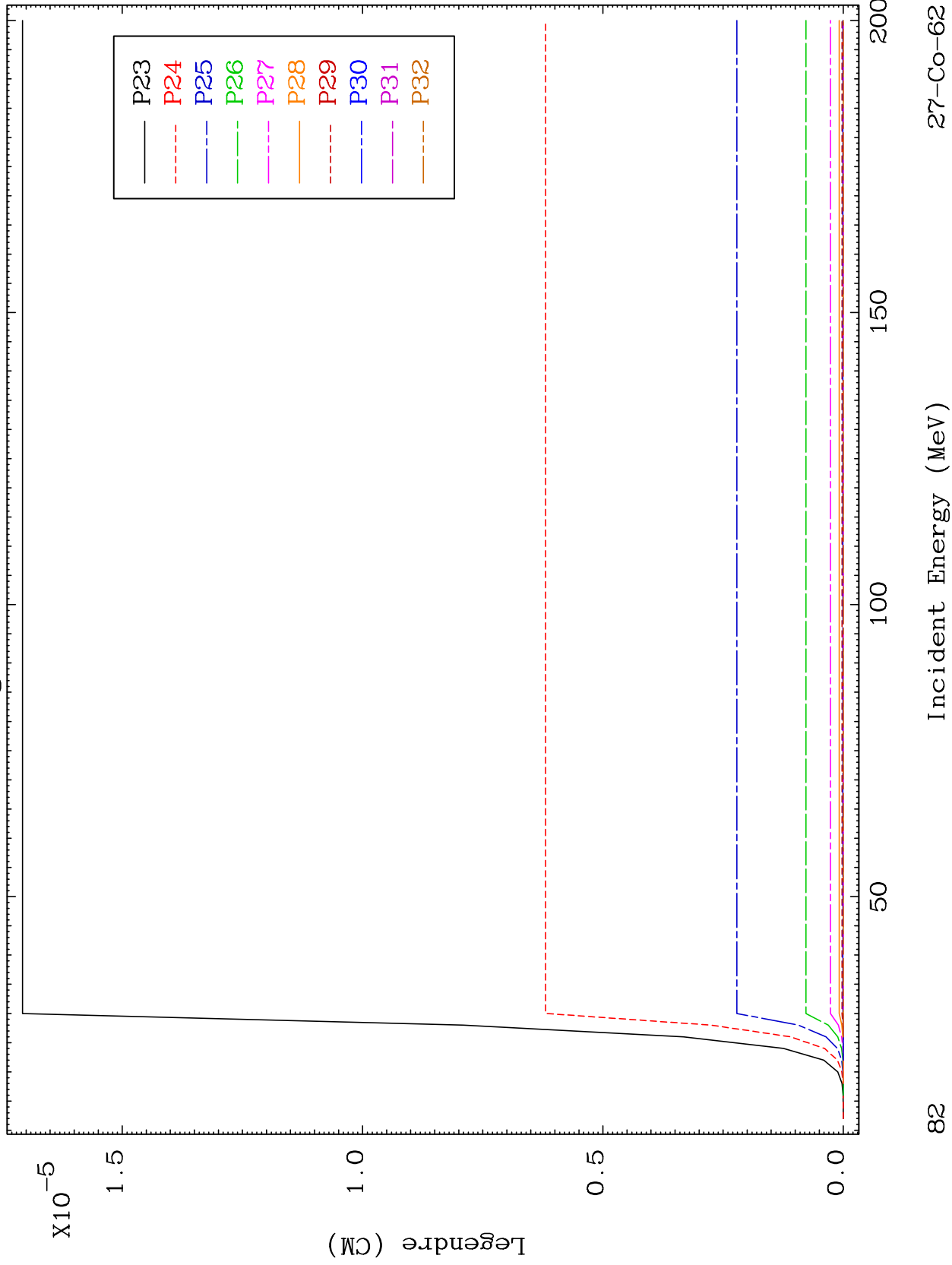
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MAT 2734

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

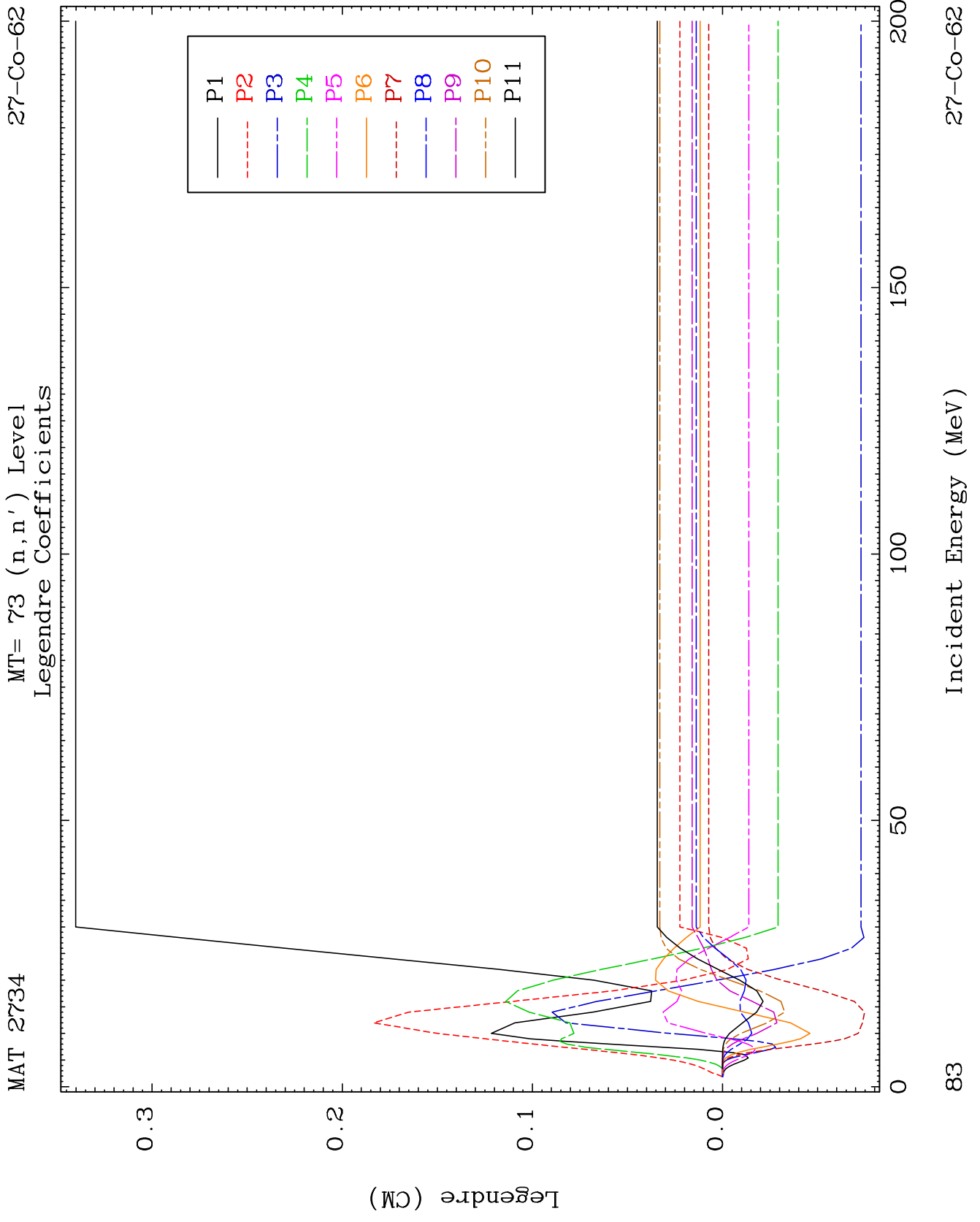
27-Co-62



82

Incident Energy (MeV)

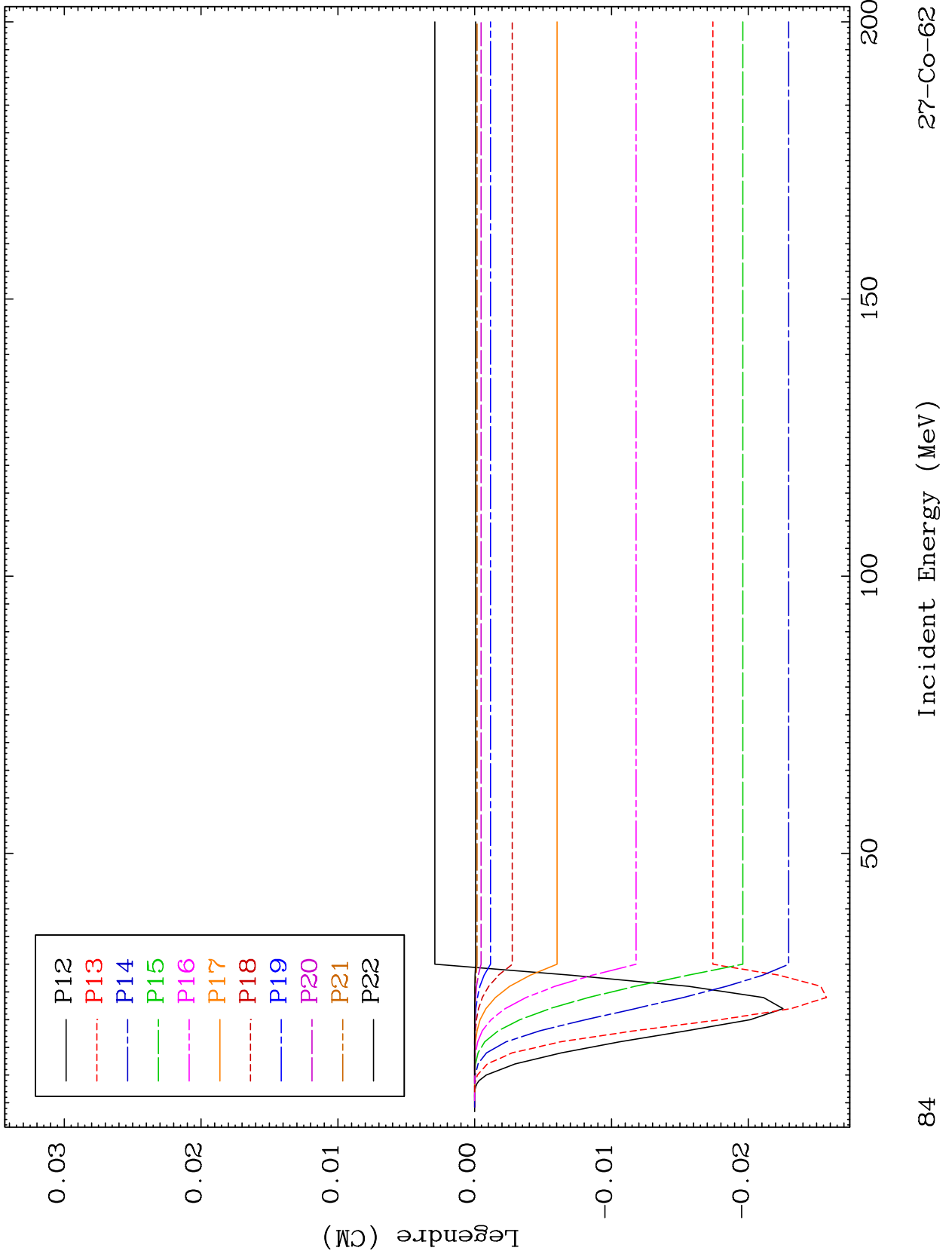
27-Co-62



MAT 2734

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

27-Co-62



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Incident Energy (MeV)

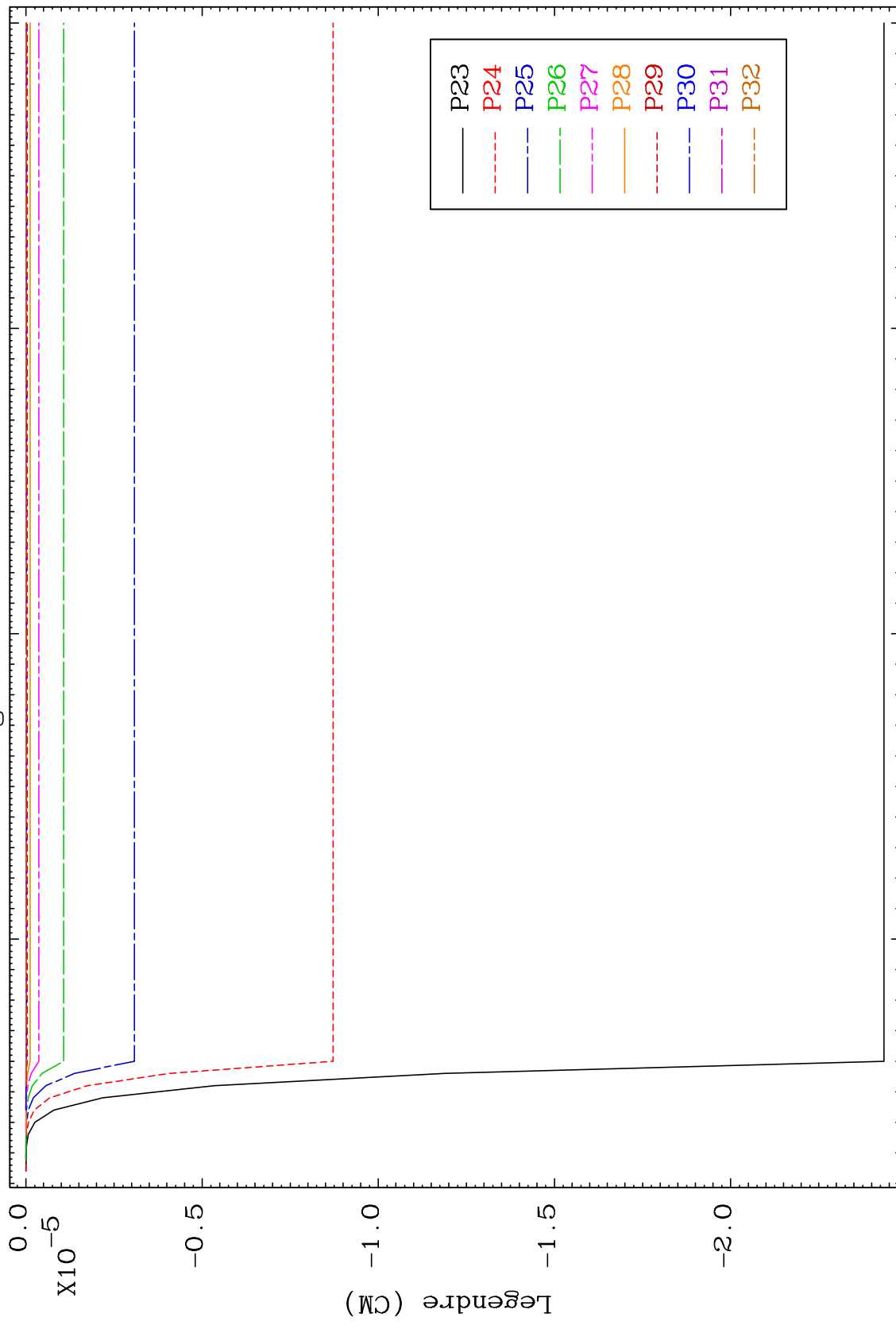
27-Co-62

MAT 2734

MT= 73 (n,n') Level

Legendre Coefficients

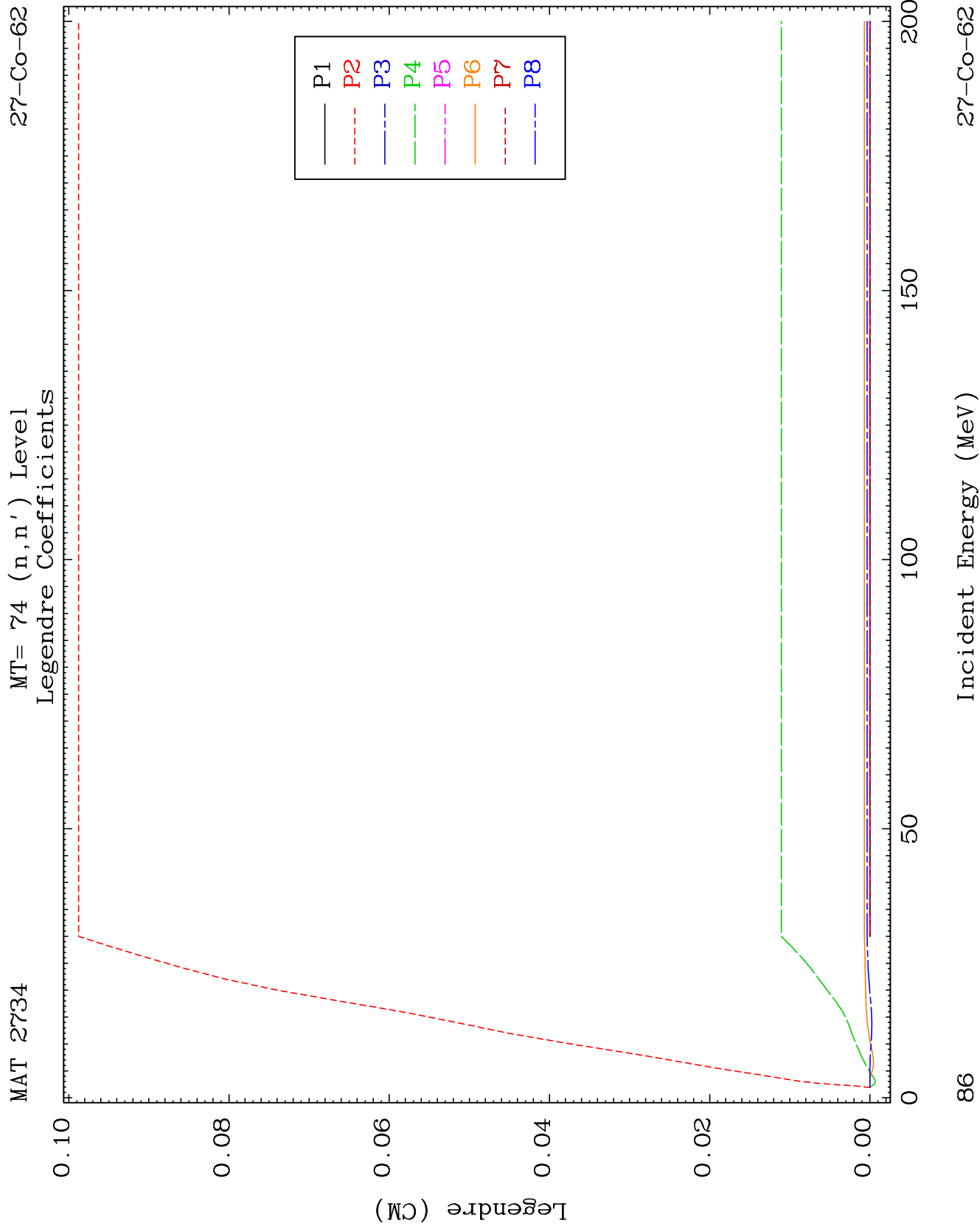
27-Co-62



27-Co-62

Incident Energy (MeV)

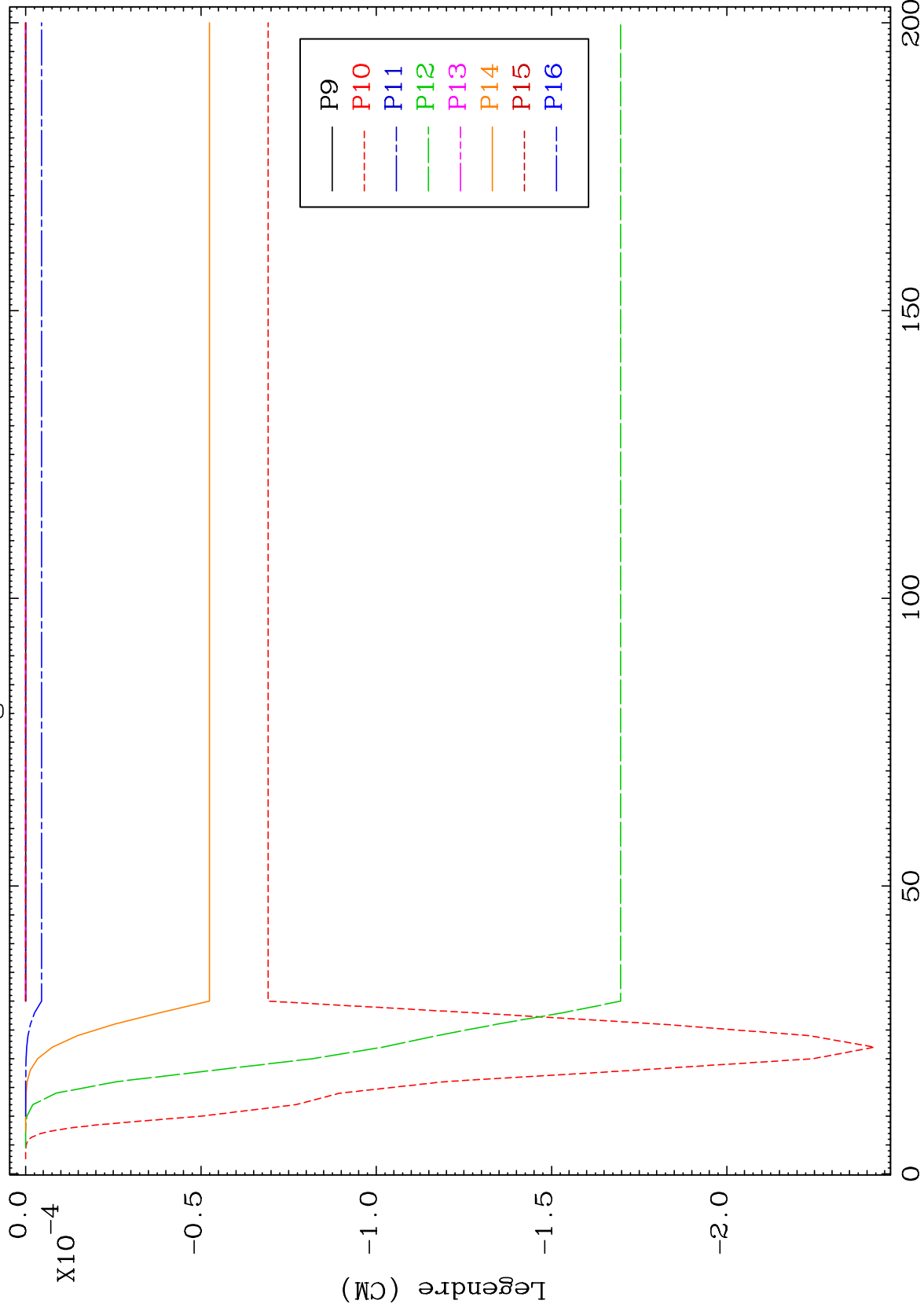
85



MAT 2734

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

27-Co-62



27-Co-62

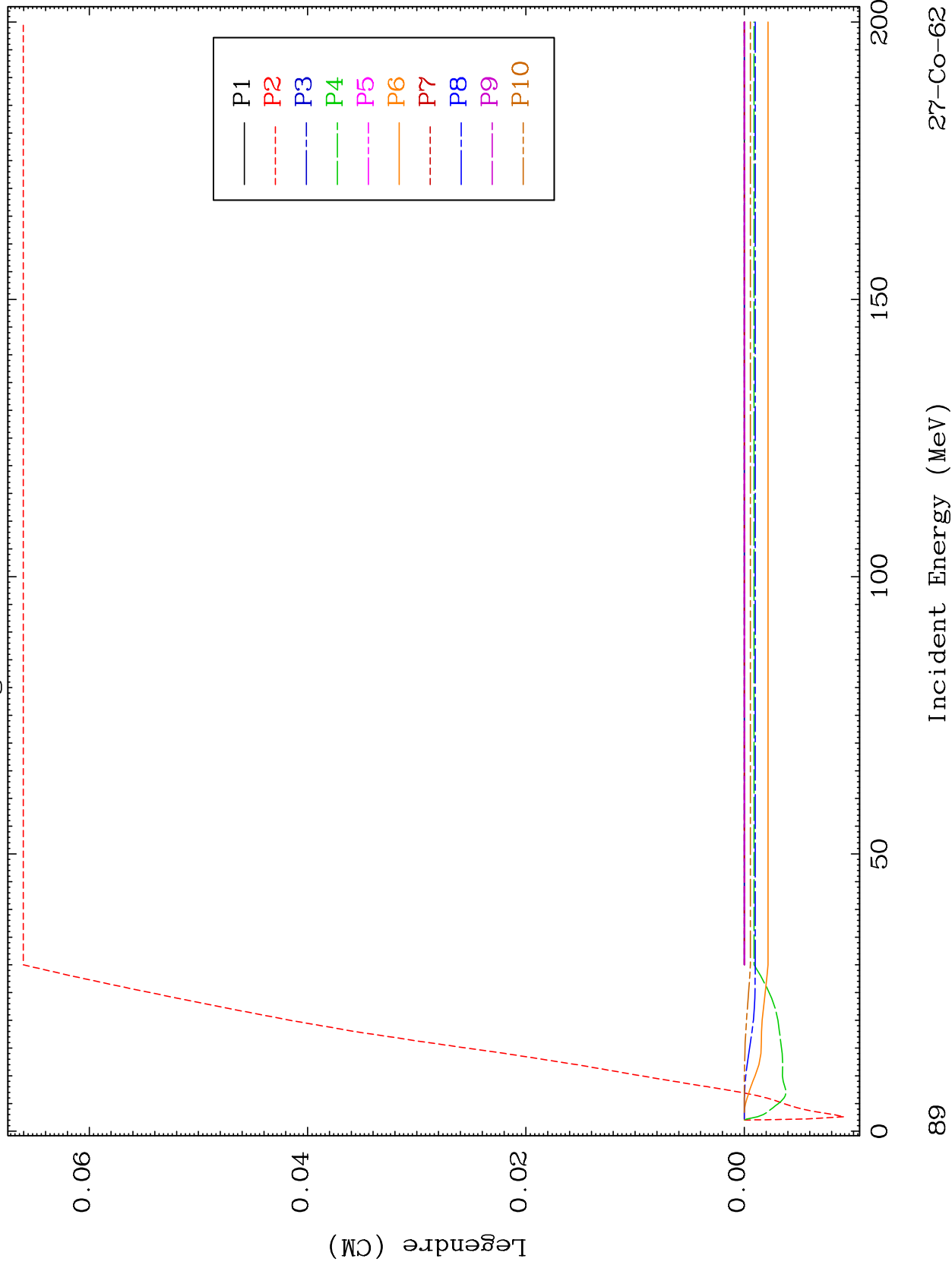
Incident Energy (MeV)

87

MAT 2734

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

27-Co-62



27-Co-62

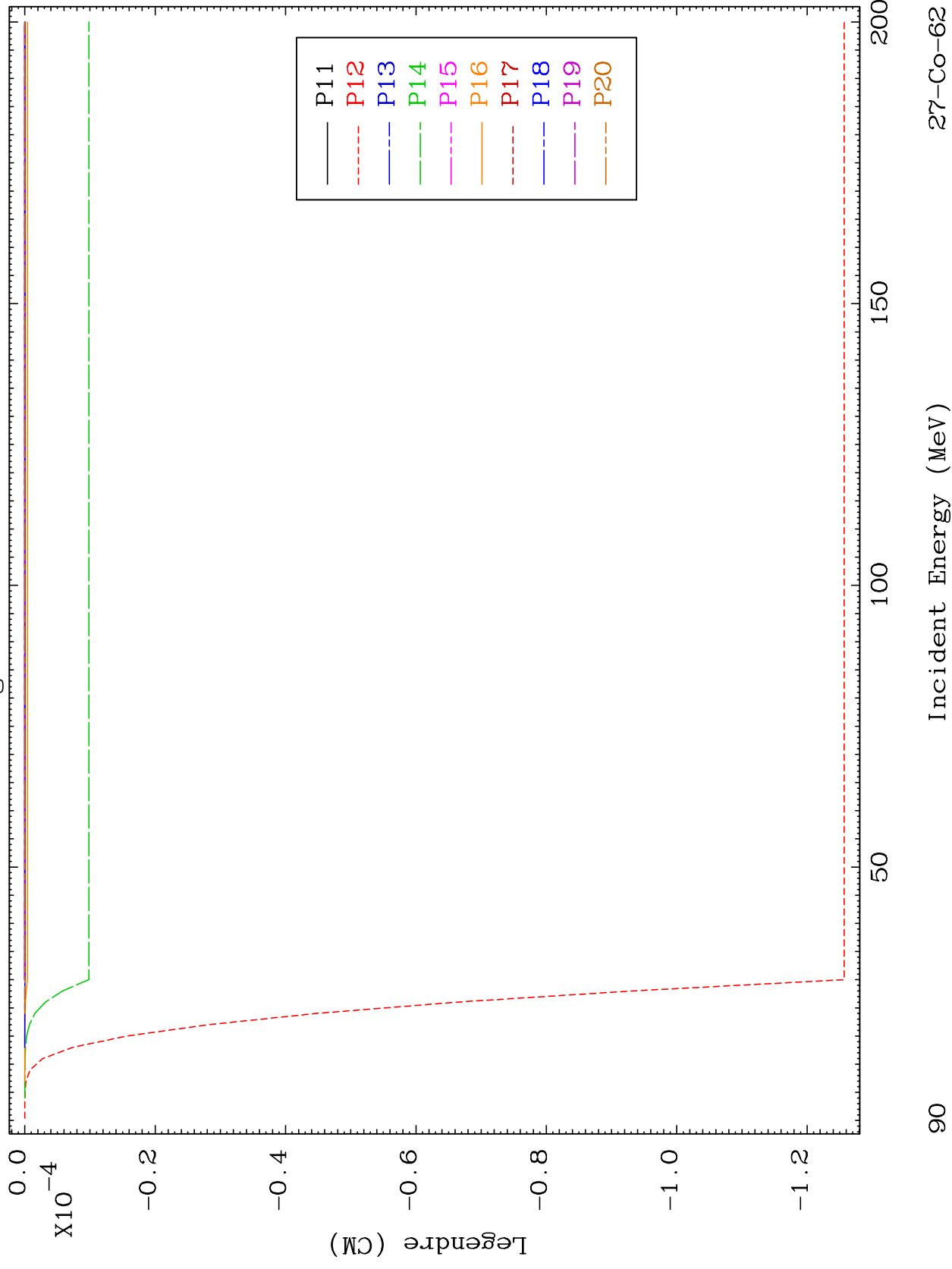
Incident Energy (MeV)

89

MAT 2734

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

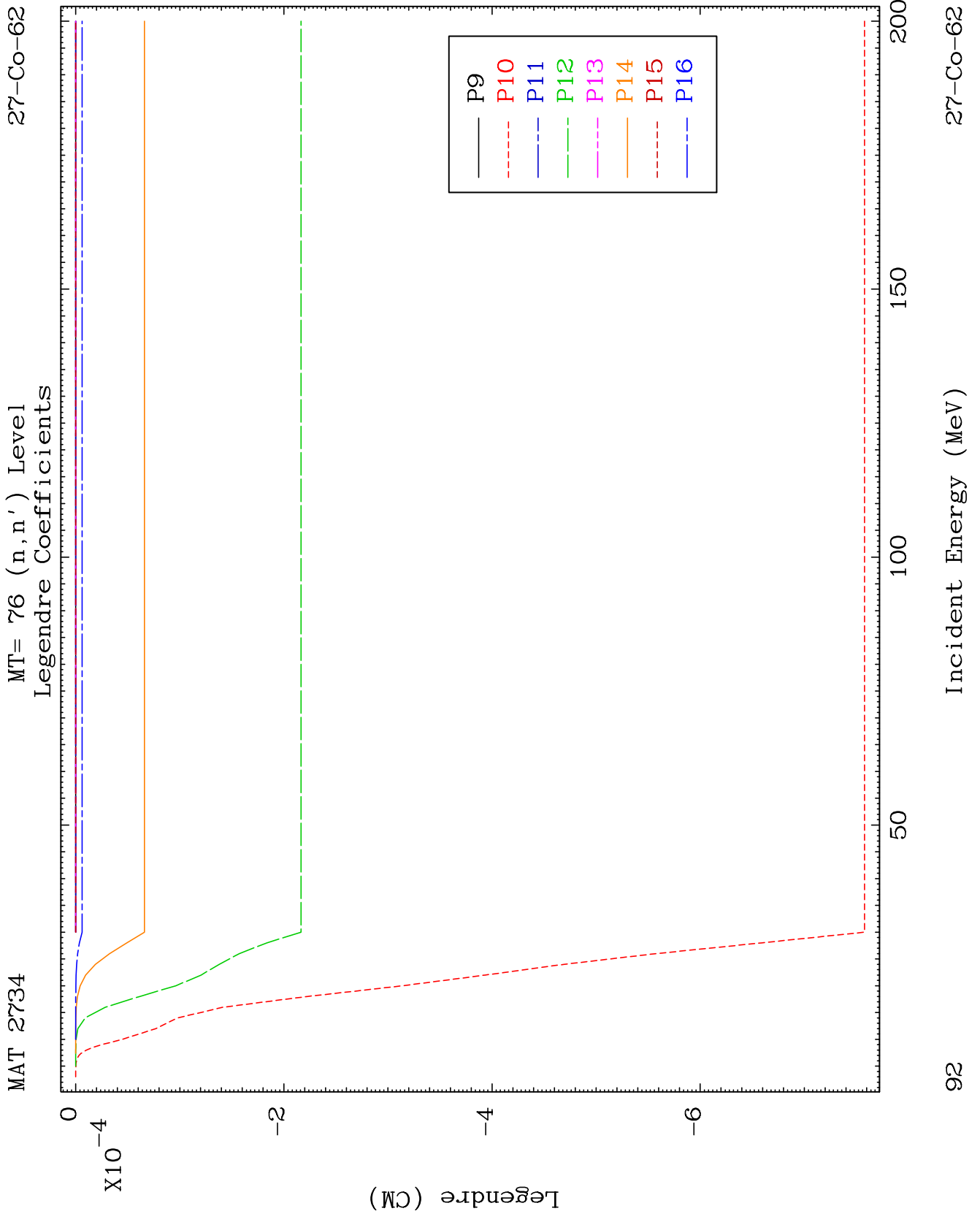
27-Co-62



90

Incident Energy (MeV)

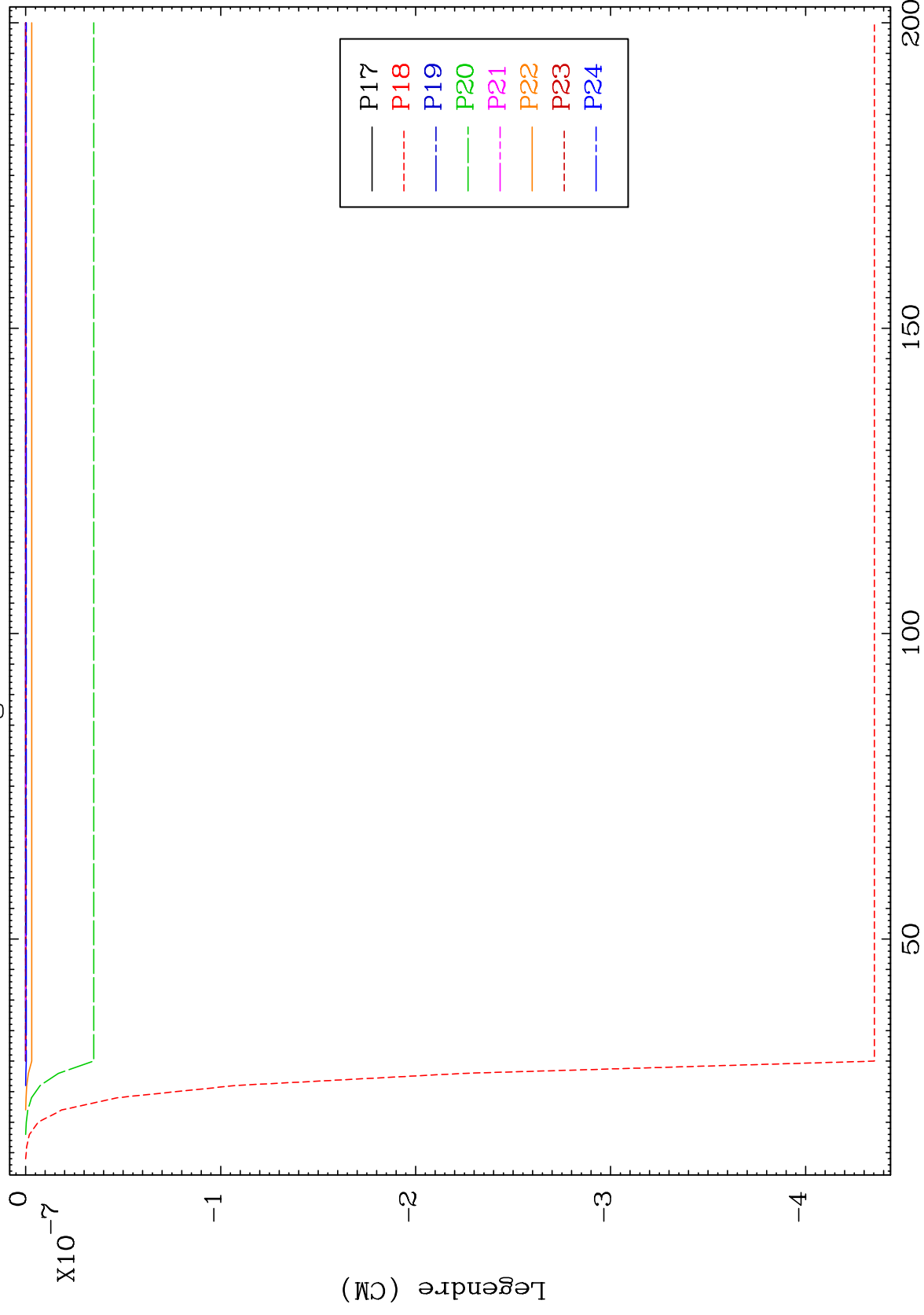
27-Co-62



MAT 2734

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

27-Co-62



27-Co-62

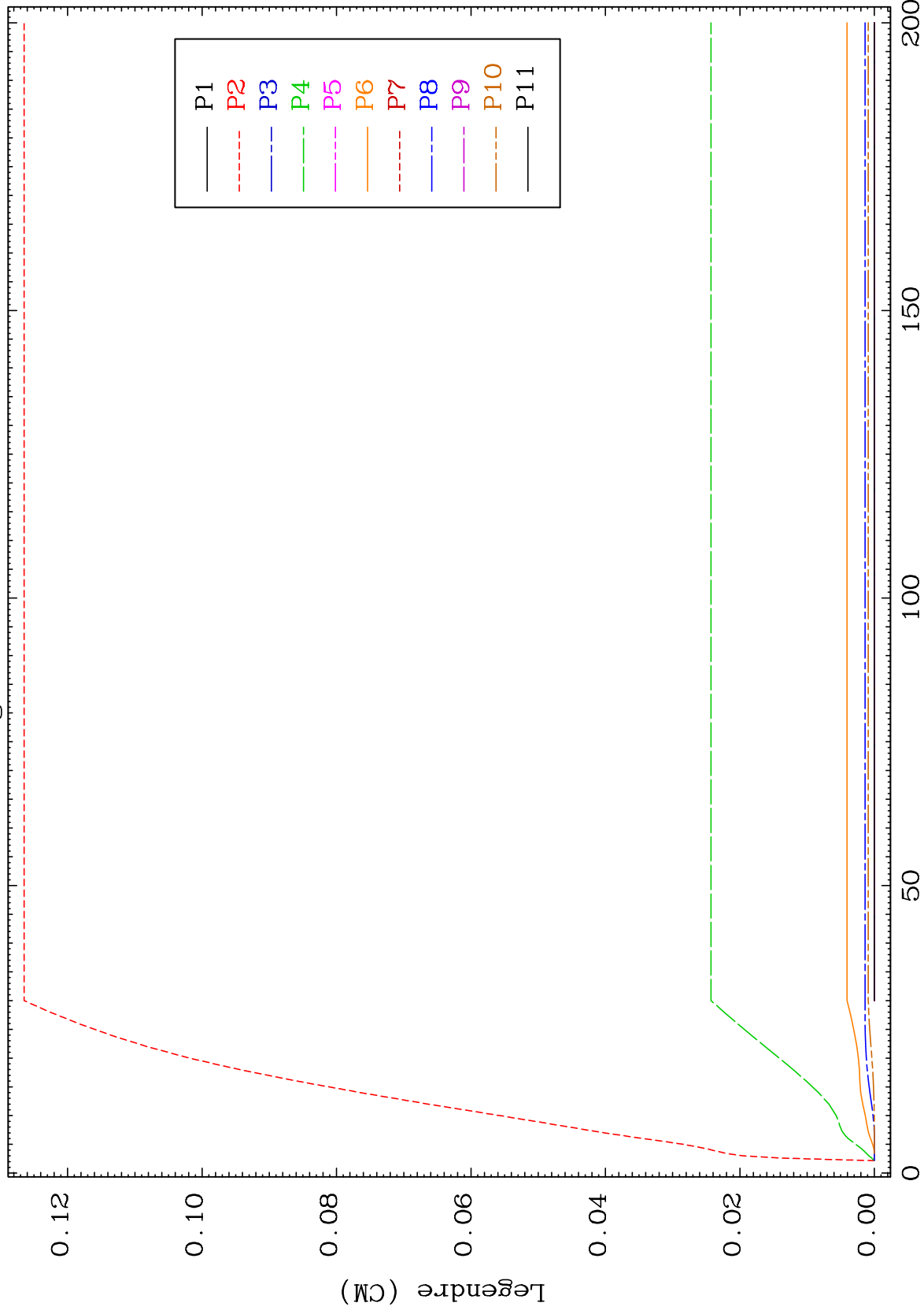
Incident Energy (MeV)

93

MAT 2734

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

27-Co-62



94

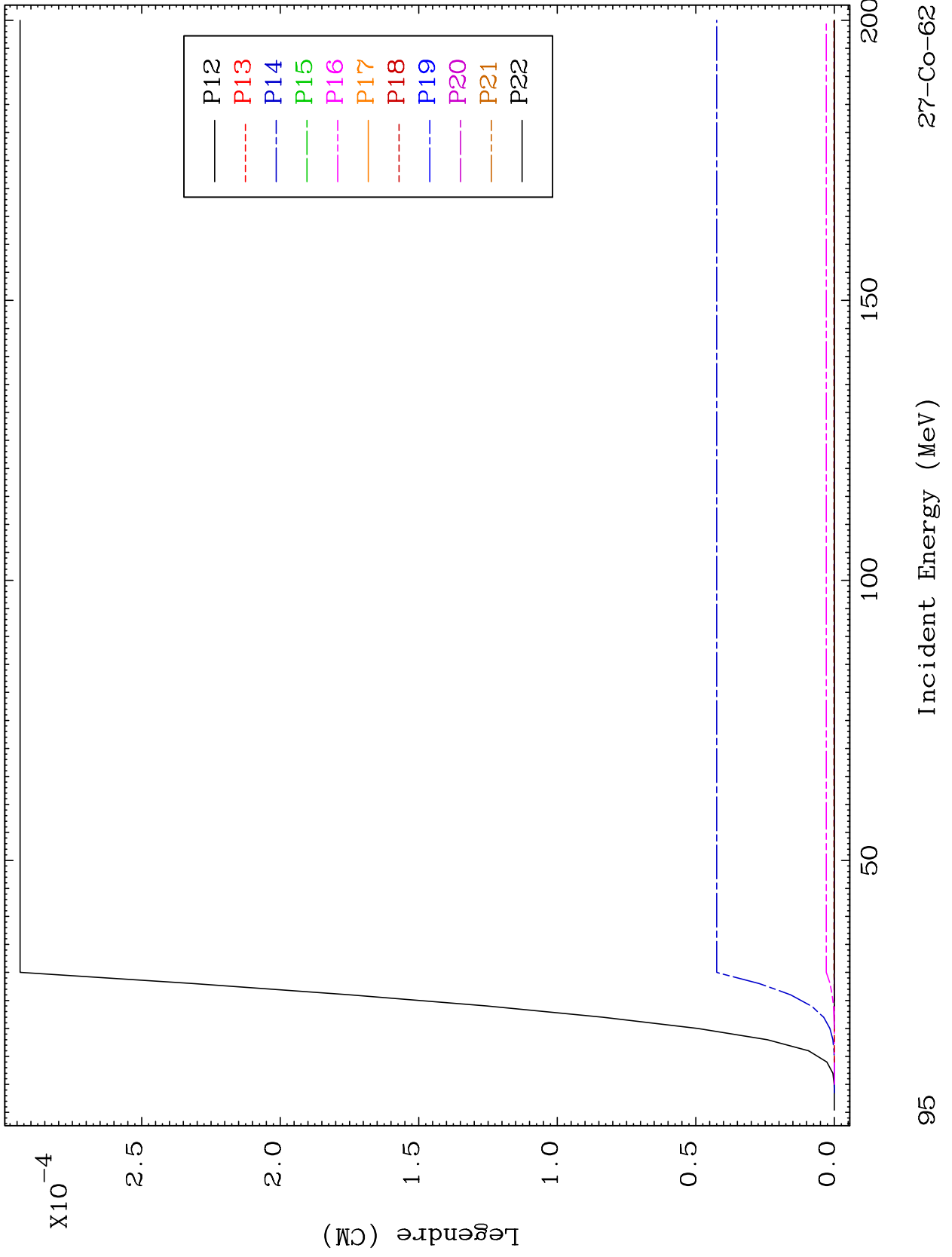
Incident Energy (MeV)

27-Co-62

MAT 2734

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

27-Co-62



95

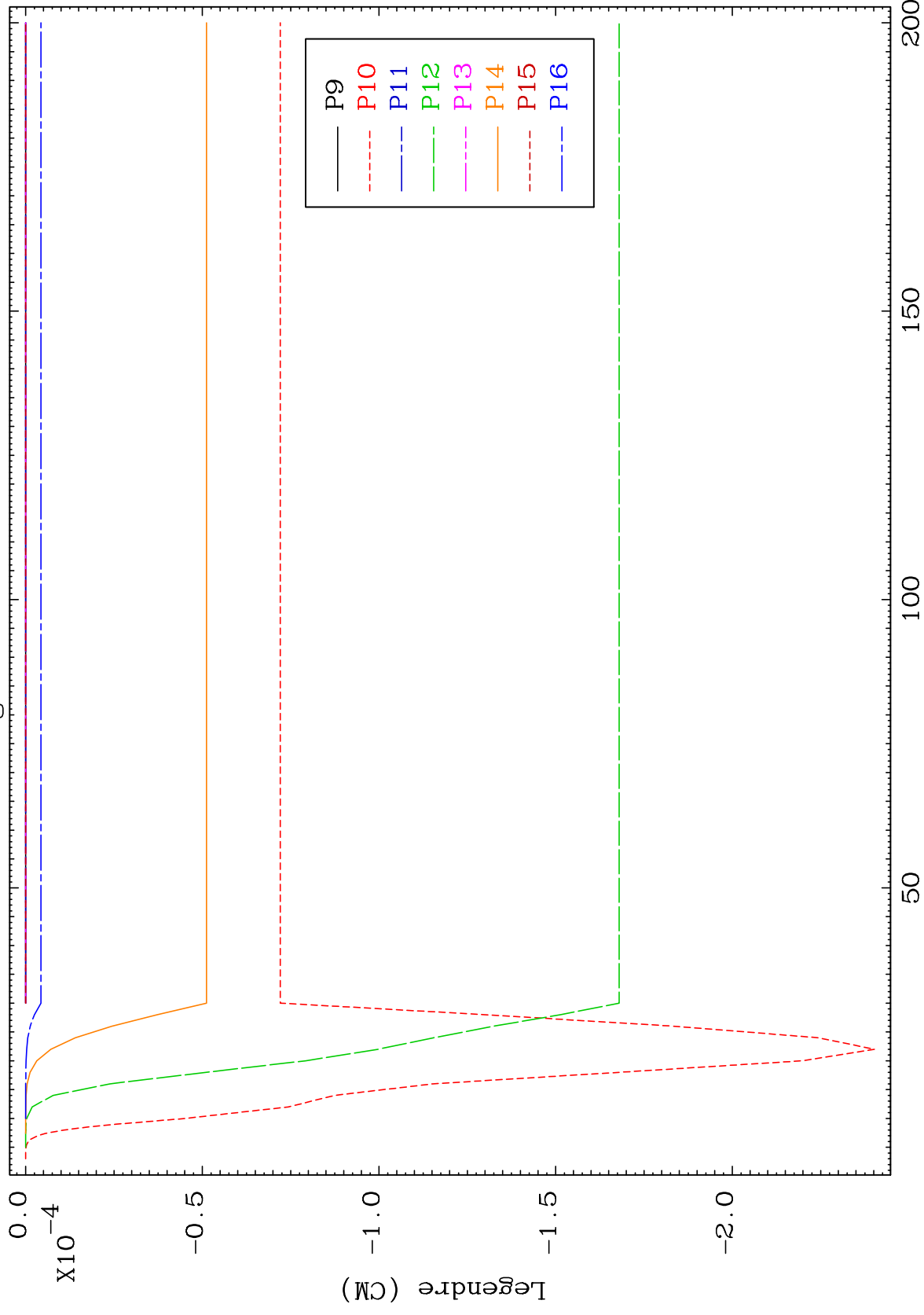
Incident Energy (MeV)

27-Co-62

MAT 2734

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

27-Co-62



27-Co-62

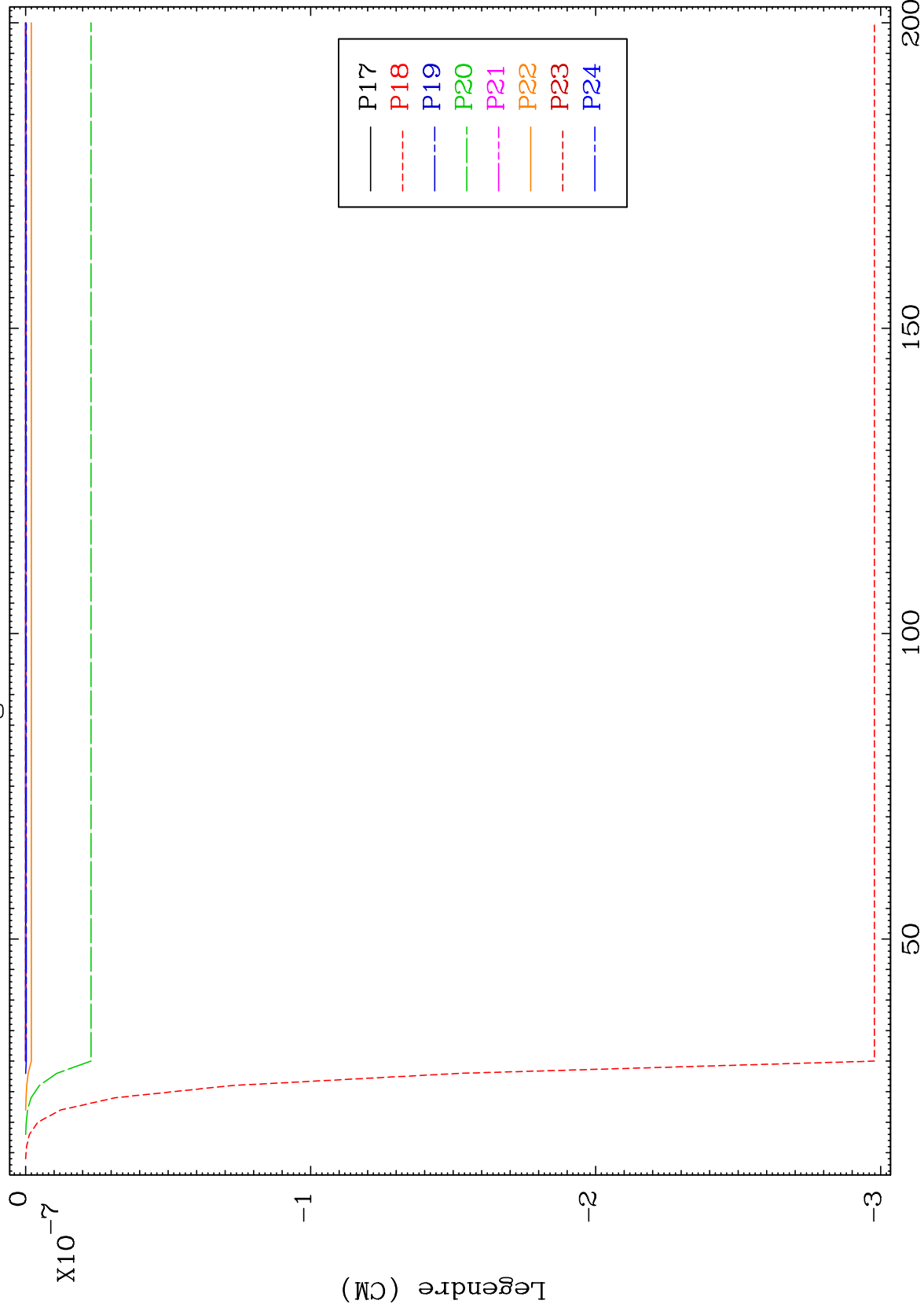
Incident Energy (MeV)

97

MAT 2734

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

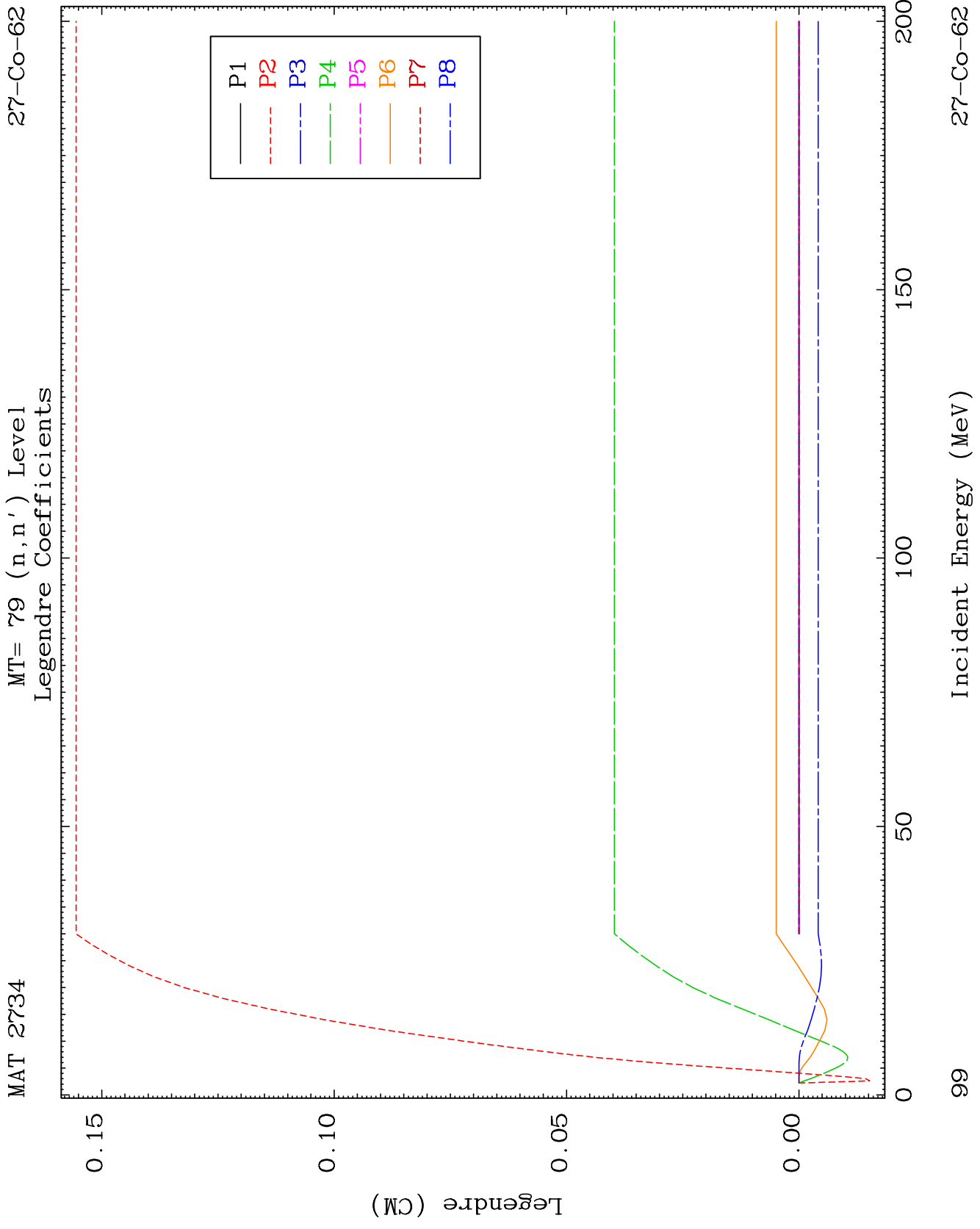
27-Co-62

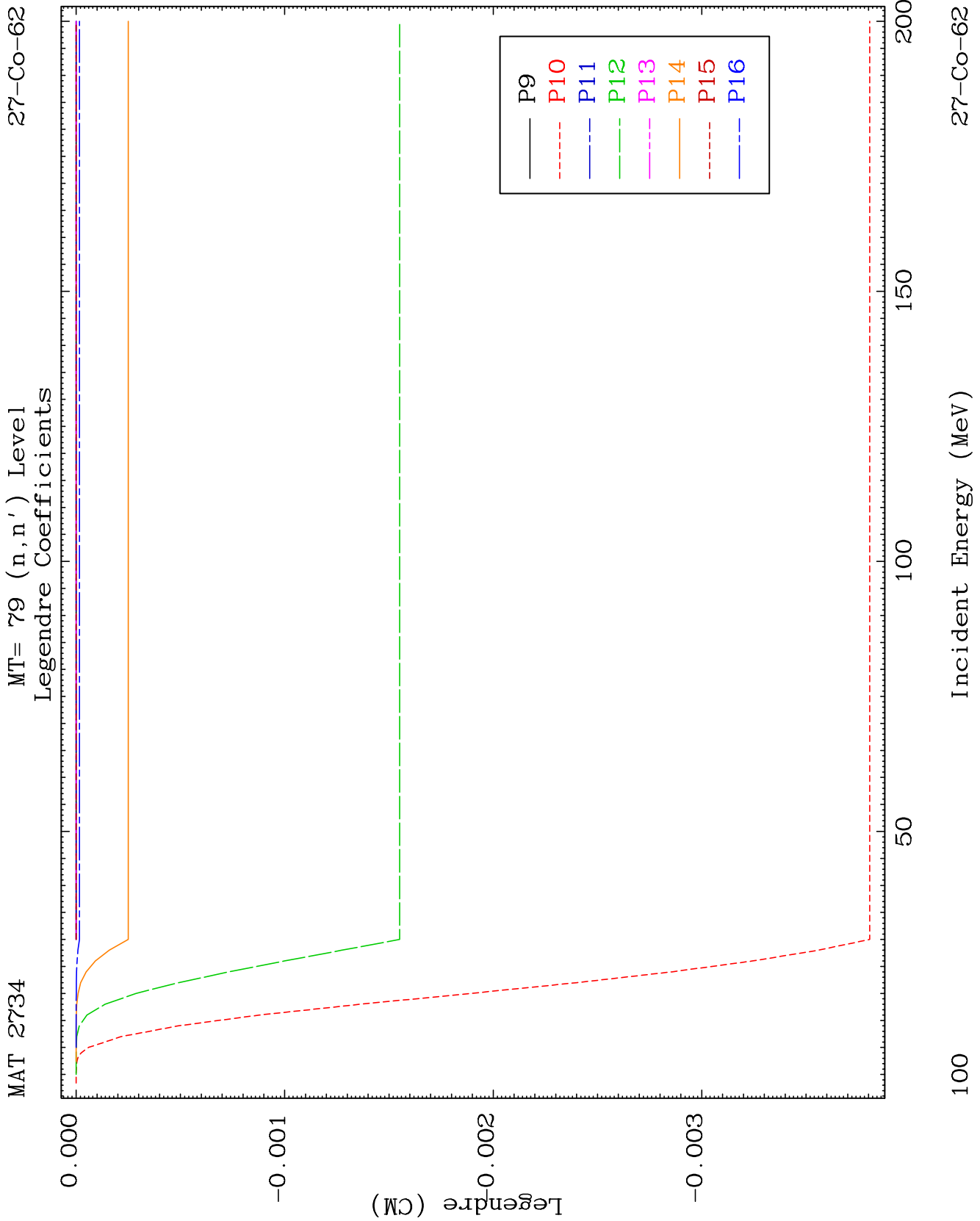


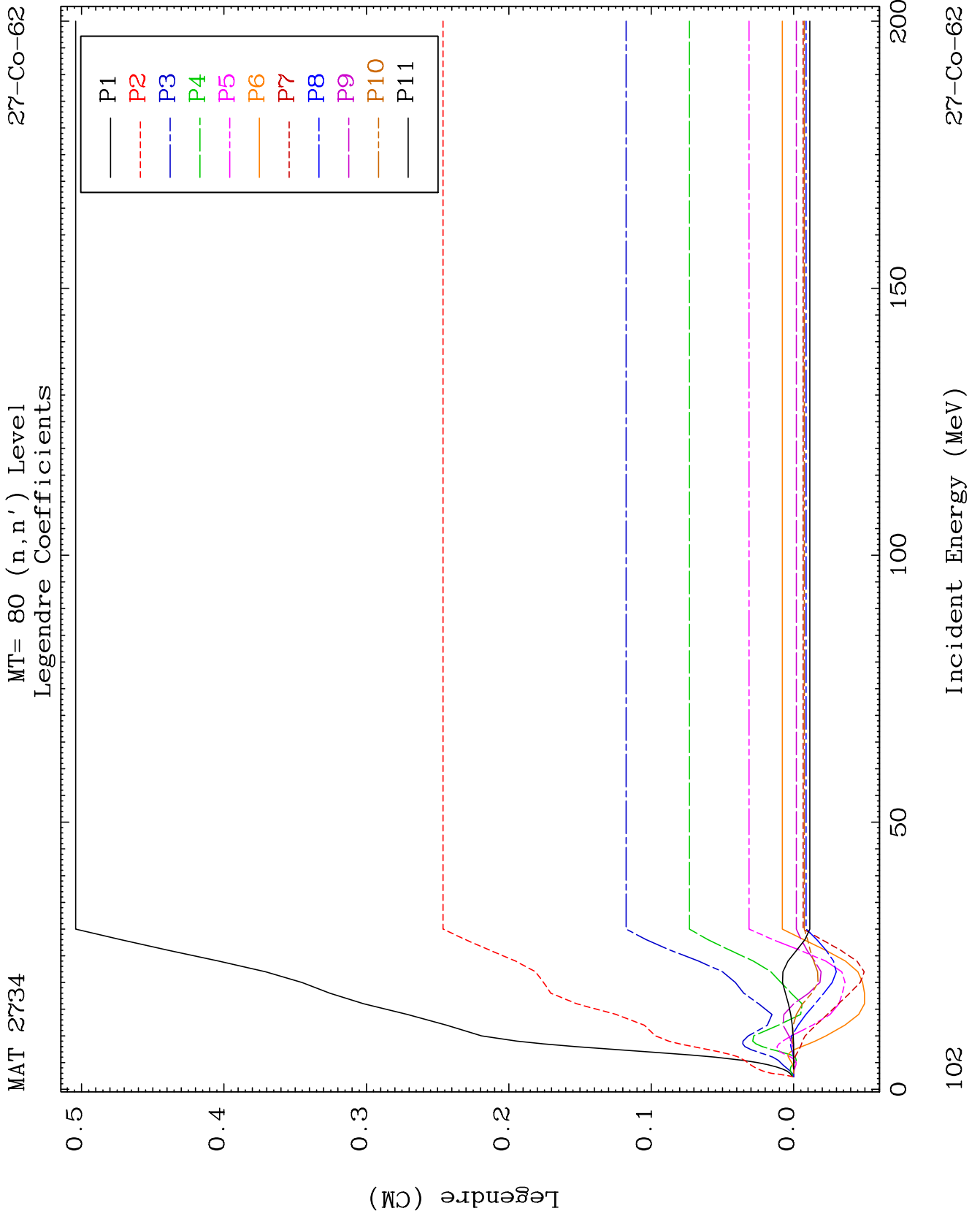
27-Co-62

Incident Energy (MeV)

98



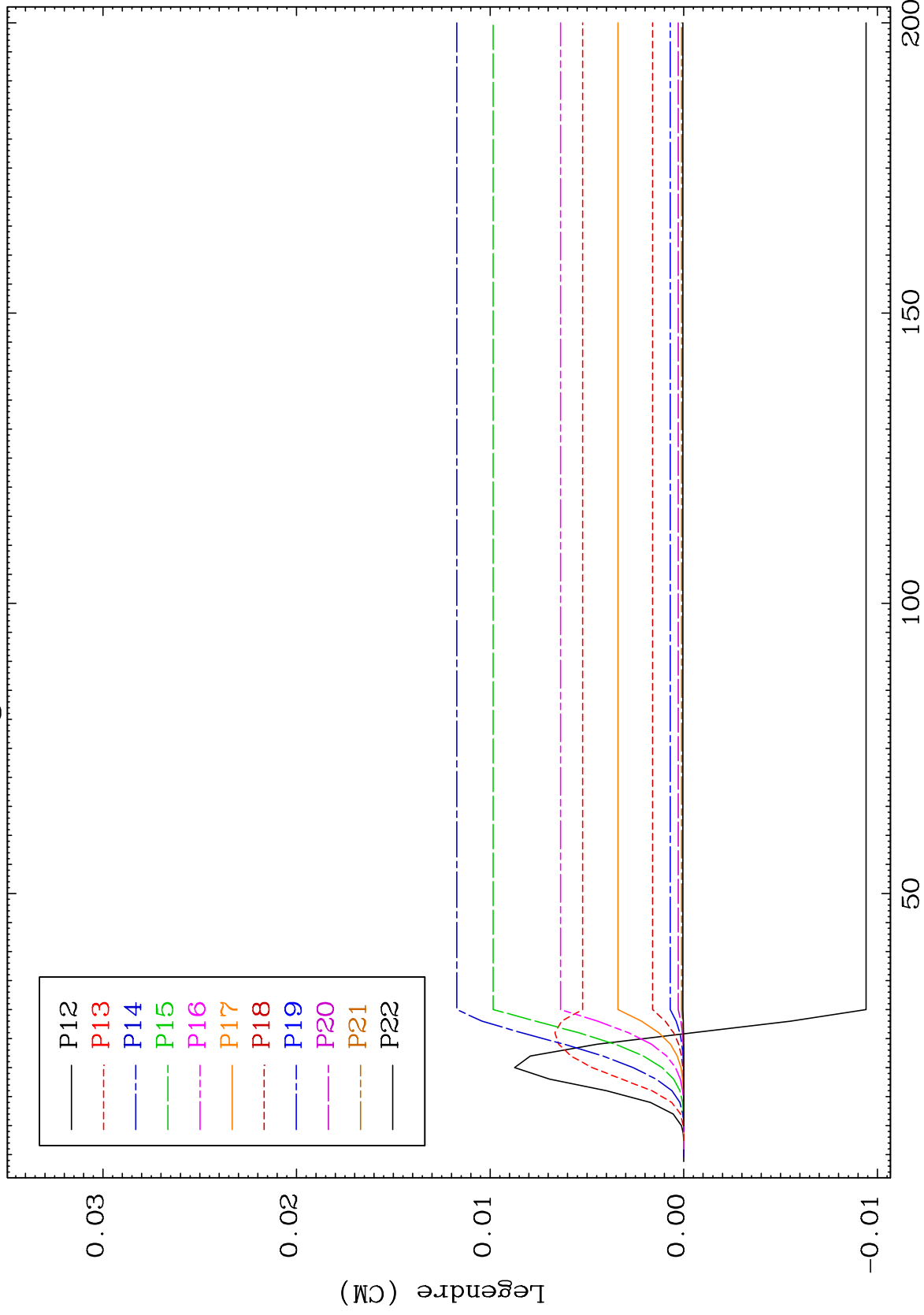




MAT 2734

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

27-Co-62



103

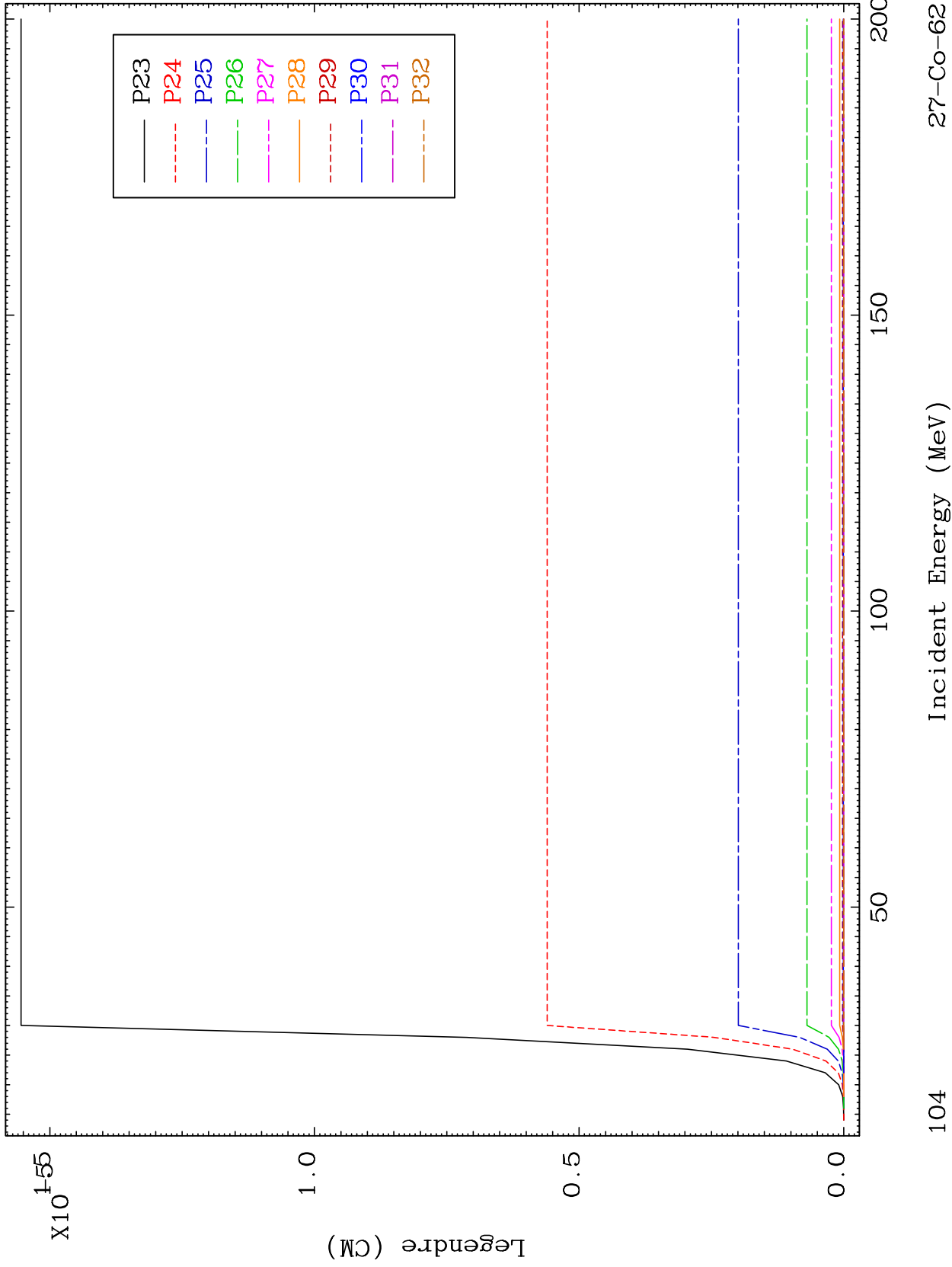
Incident Energy (MeV)

27-Co-62

MAT 2734

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

27-Co-62



MAT 2734

²⁷Co-62

Radionuclide Production Cross Section



— 27-Co-62g
- - - 27-Co-62m1

²⁷Co-62

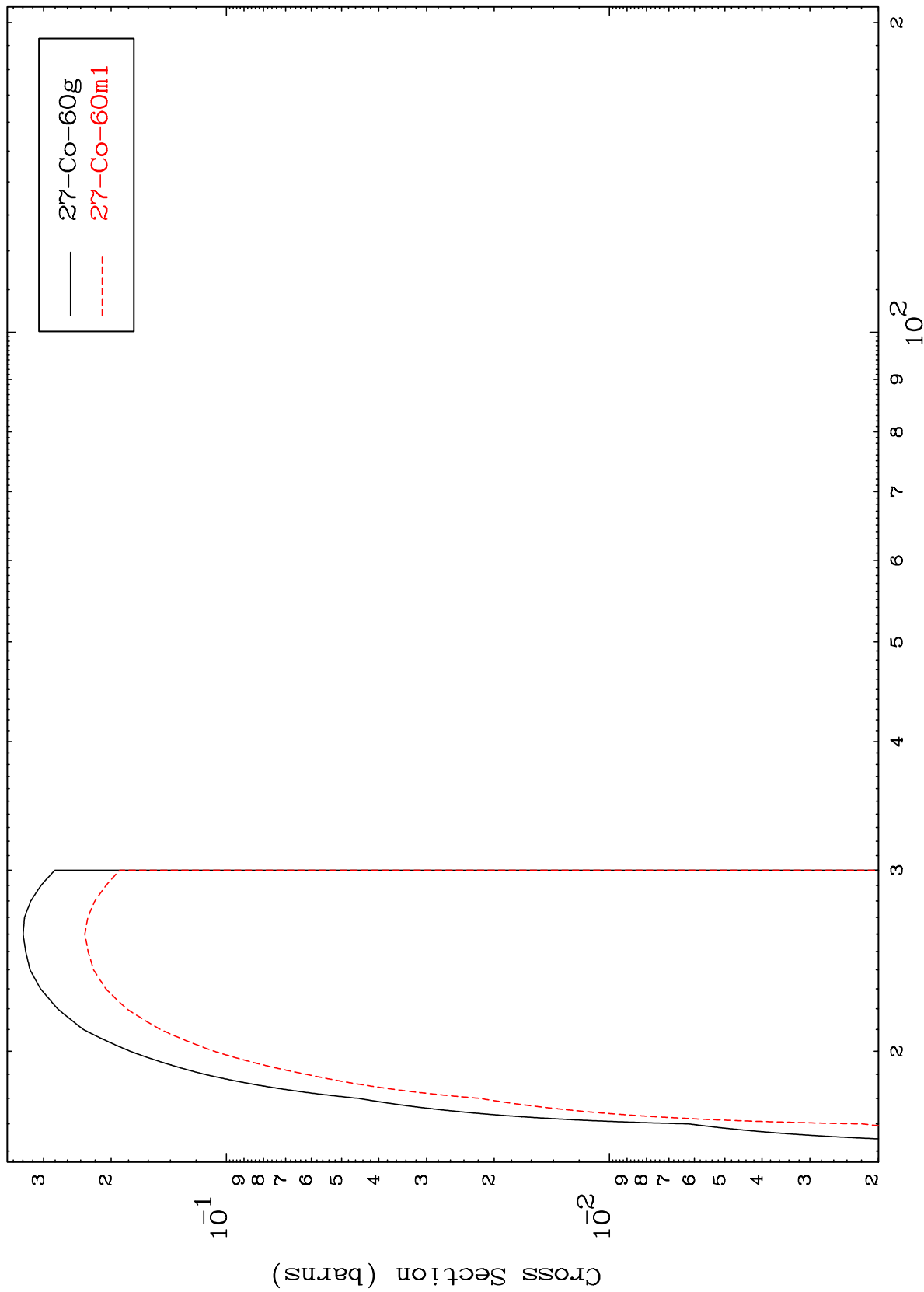
Incident Energy (MeV)

105

MAT 2734

27-Co-62

(n,3n)
Radionuclide Production Cross Section

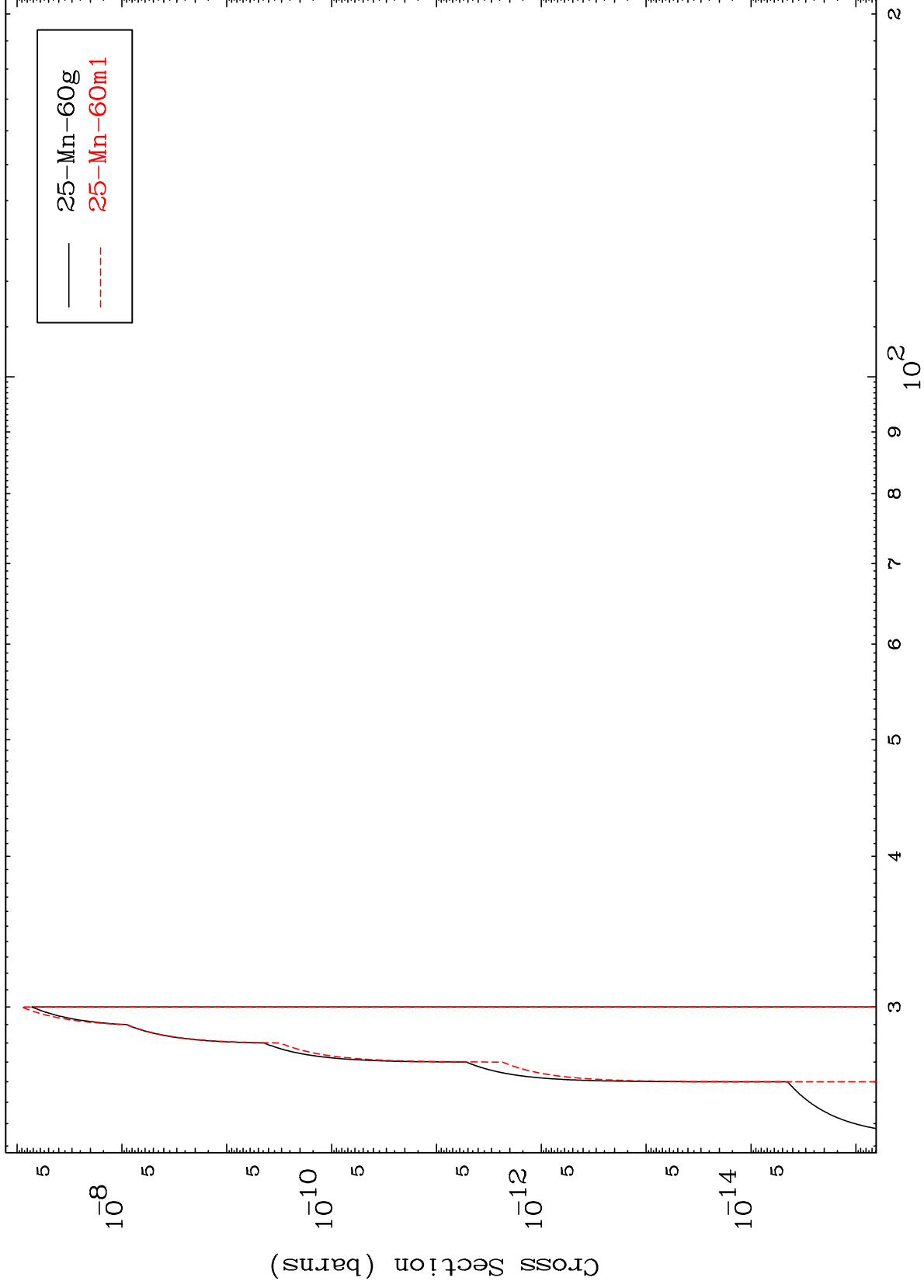


106

Incident Energy (MeV)

27-Co-62

Radionuclide Production Cross Section

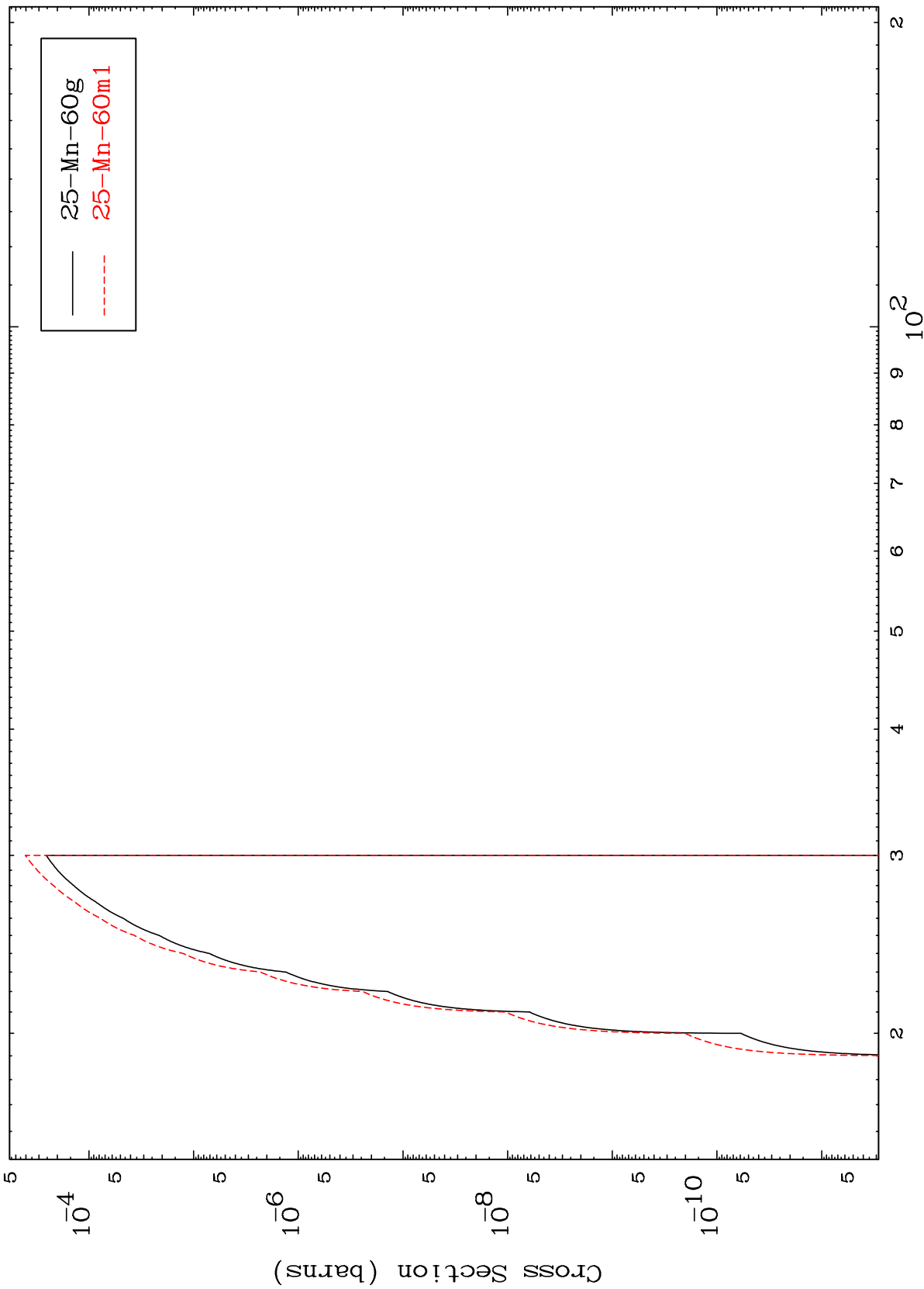


25-Mn-60g
25-Mn-60m1

MAT 2734

27-Co-62

(n,He-3)
Radionuclide Production Cross Section



109

27-Co-62

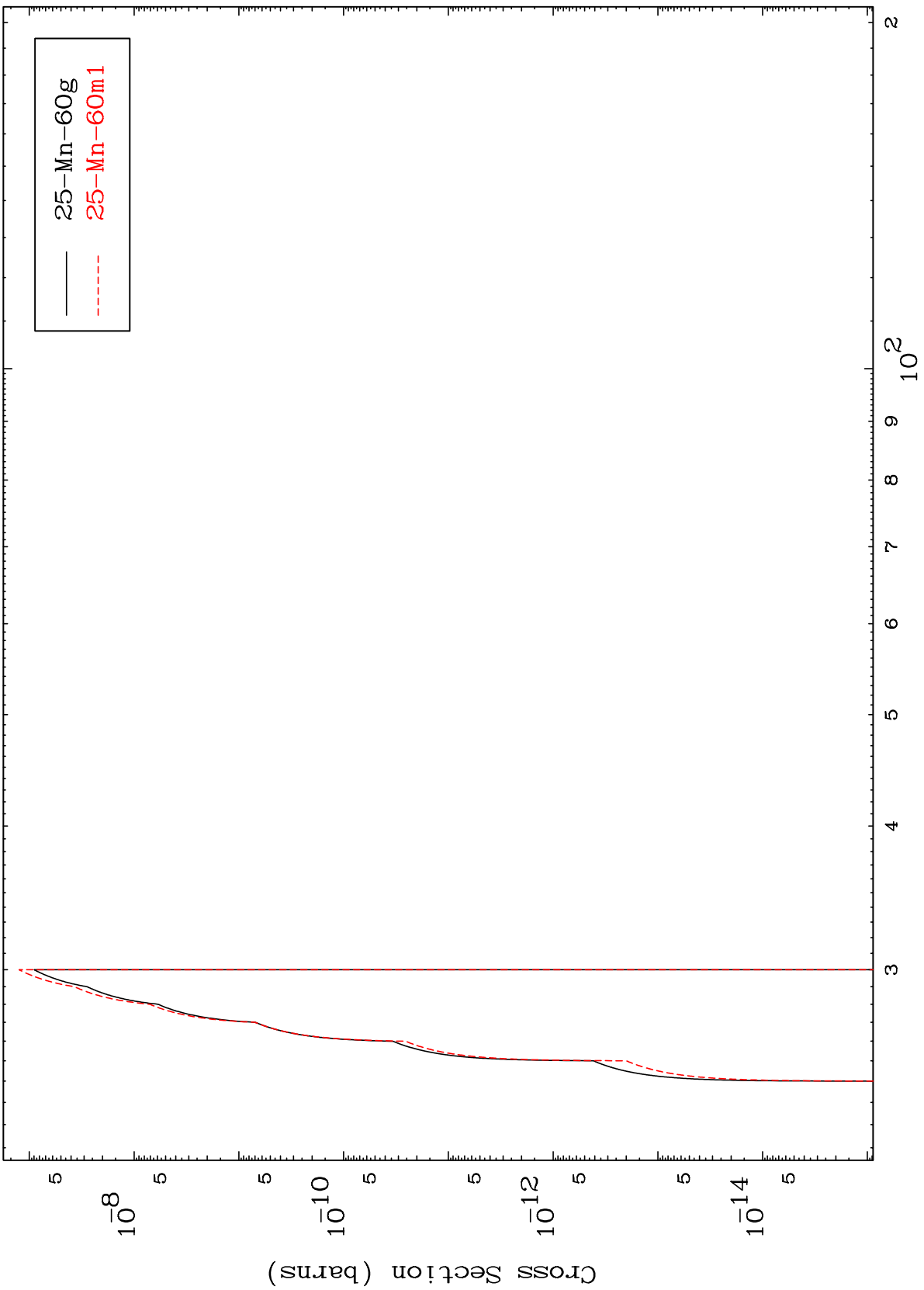
Incident Energy (MeV)

MAT 2734

(n,p) d

27-Co-62

Radionuclide Production Cross Section



110

Incident Energy (MeV)

27-Co-62