

Program EVALPLOT
(Version 2015-2)

by

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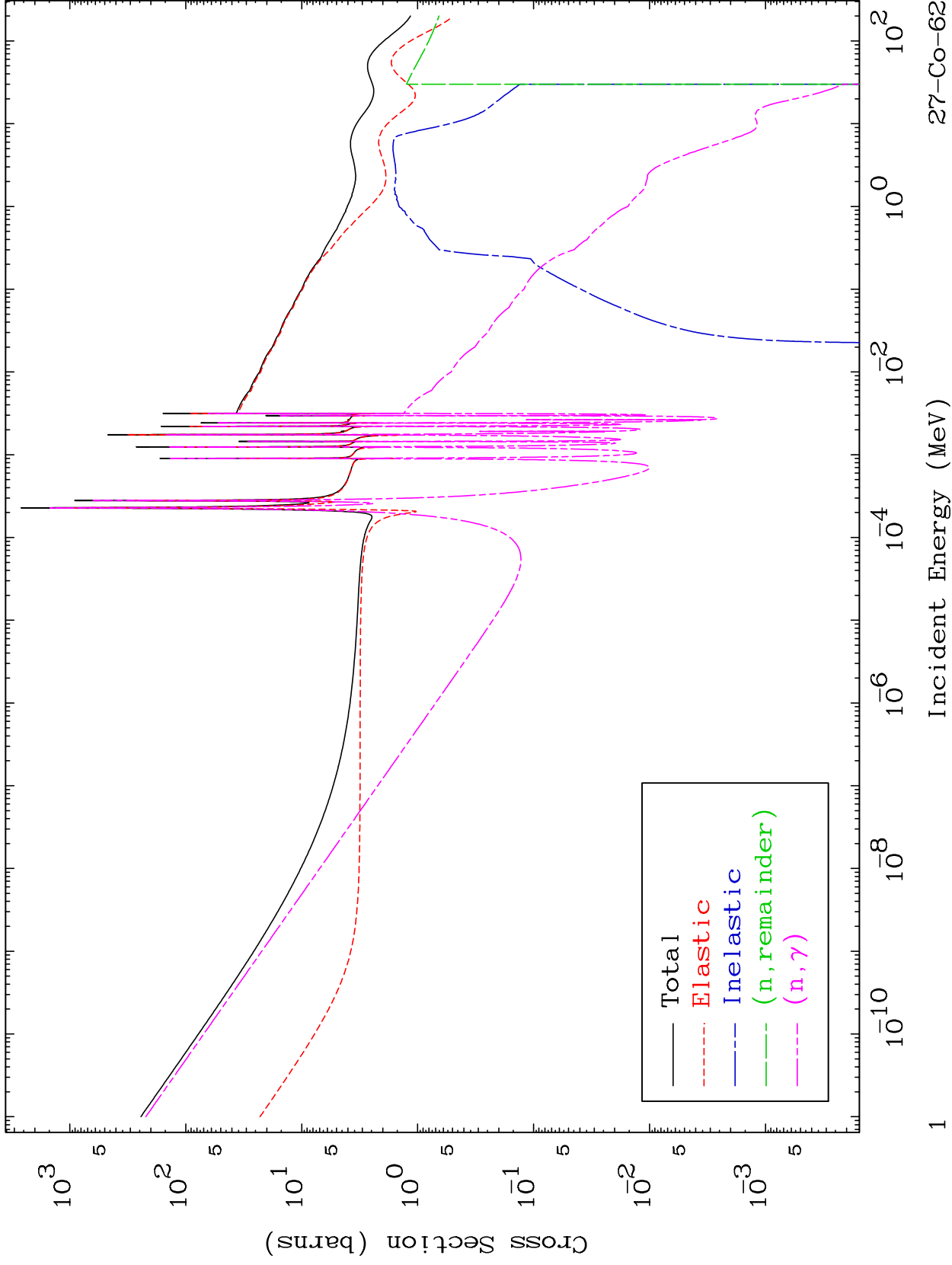
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 2734

Major
293 Kelvin Cross Sections

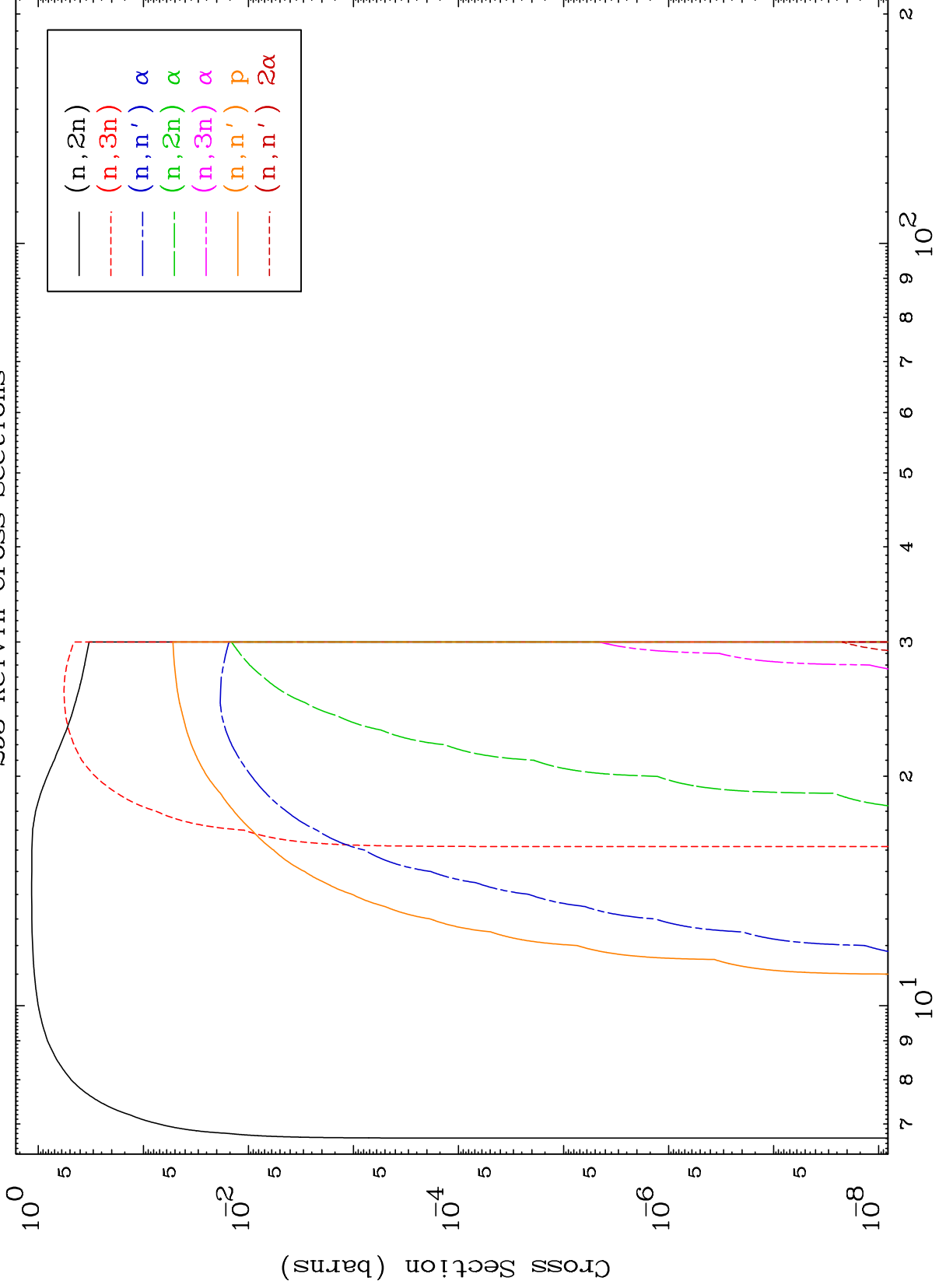
27-Co-62



MAT 2734

Neutron Production
293 Kelvin Cross Sections

27-Co-62



2

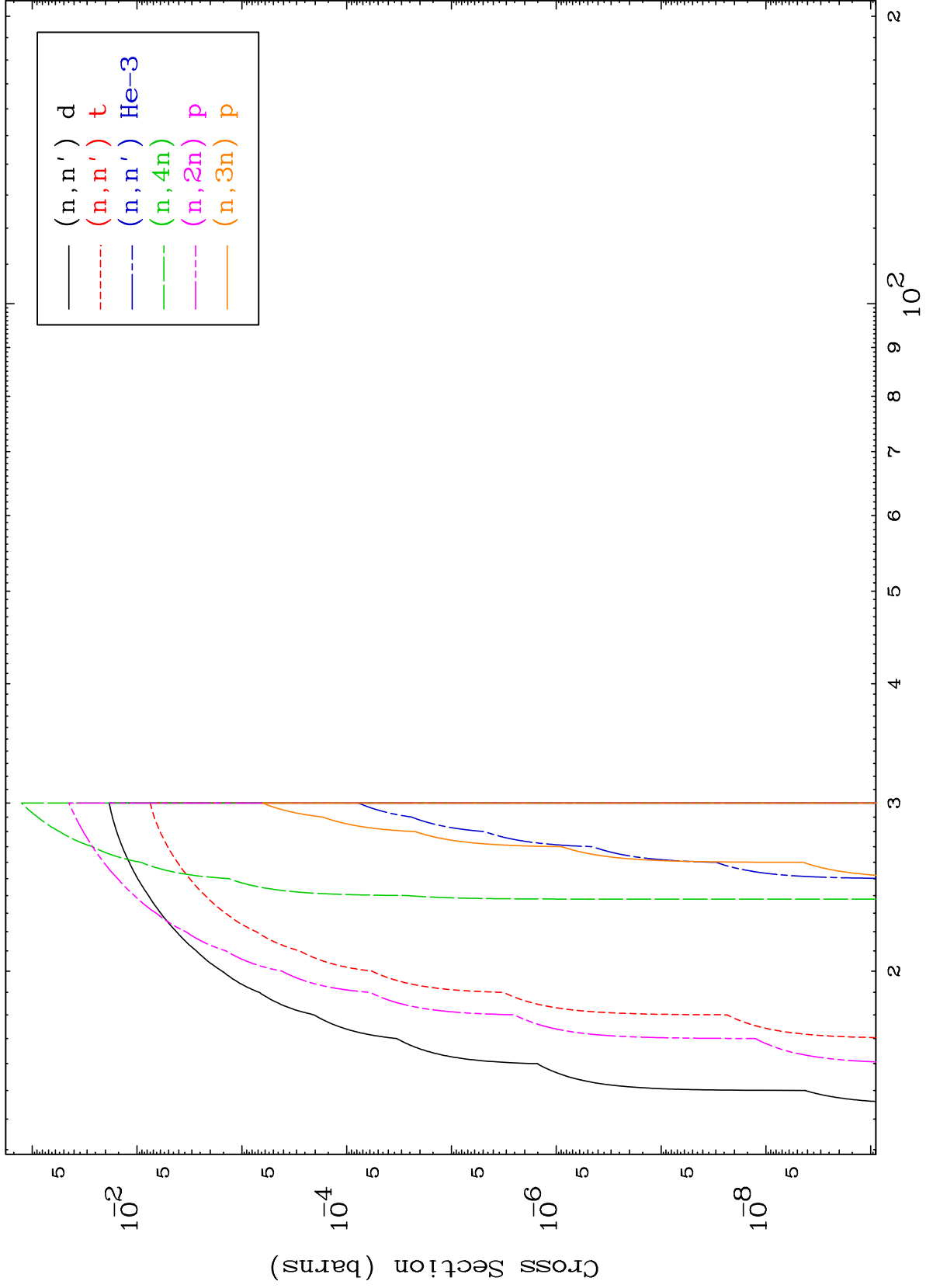
Incident Energy (MeV)

27-Co-62

MAT 2734

Neutron Production
293 Kelvin Cross Sections

27-Co-62



3

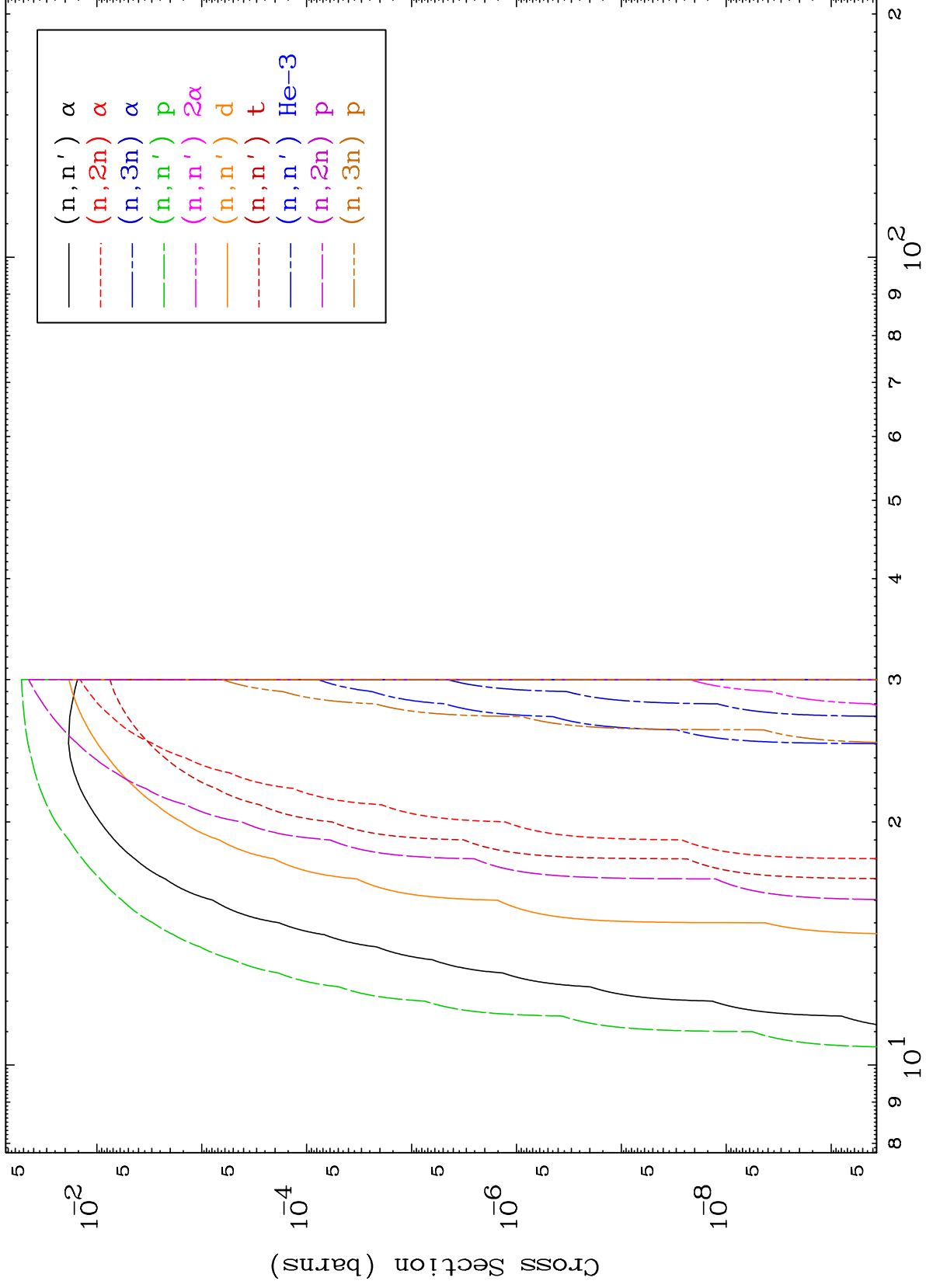
Incident Energy (MeV)

27-Co-62

MAT 2734

Charged Particle
293 Kelvin Cross Sections

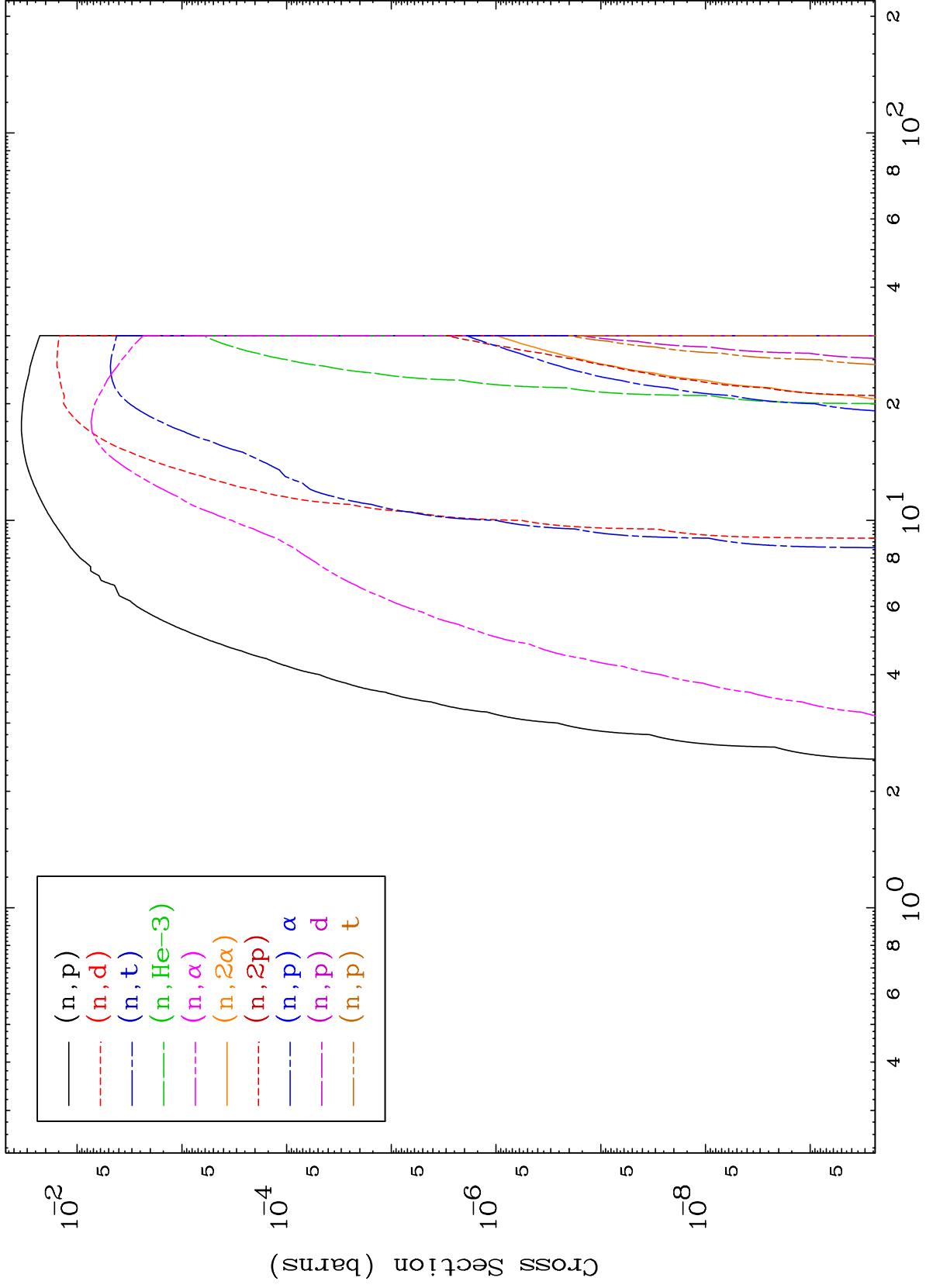
27-Co-62



Incident Energy (MeV)

27-Co-62

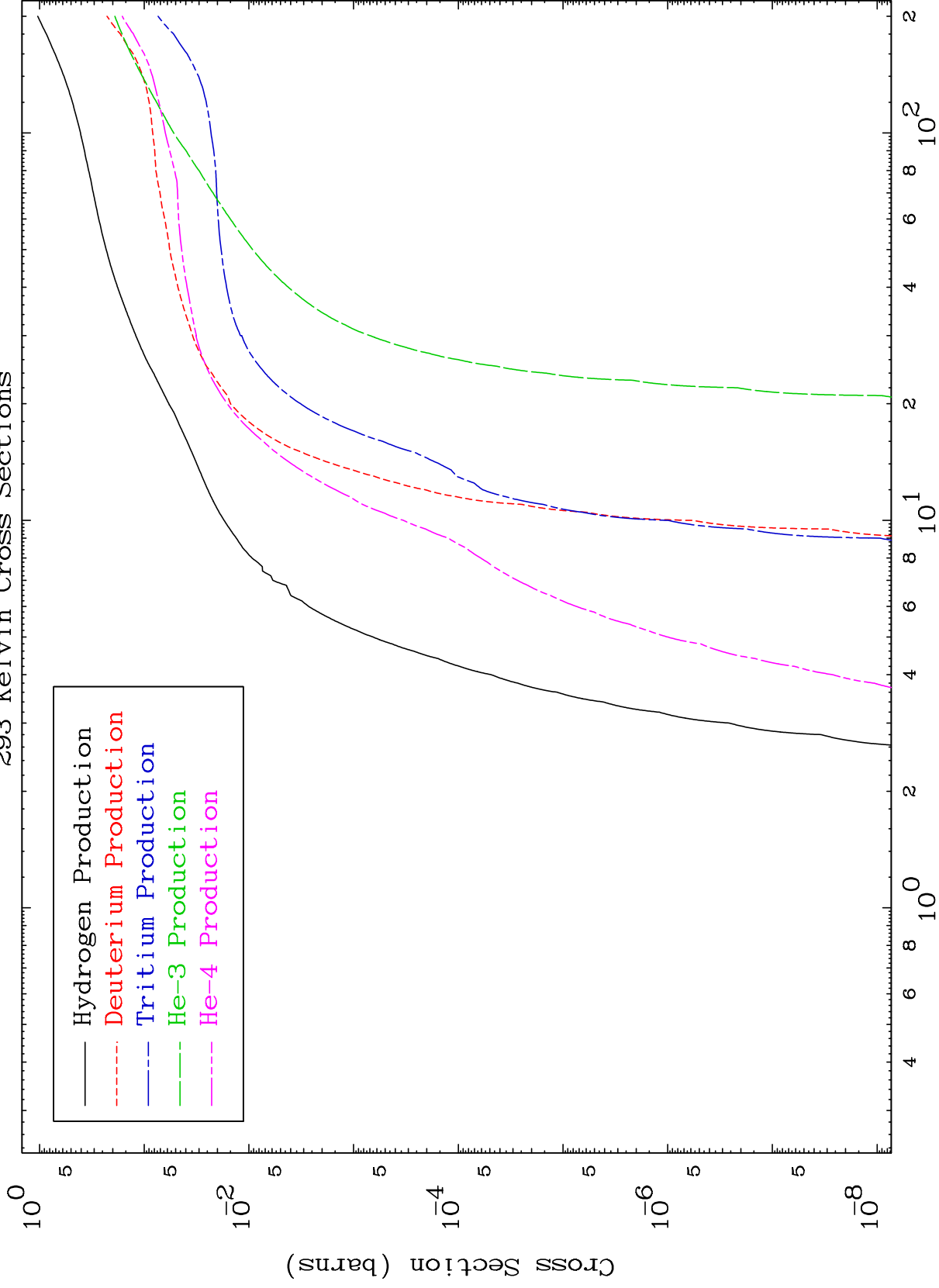
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MAT 2734

Particle Production
293 Kelvin Cross Sections

27-Co-62



6

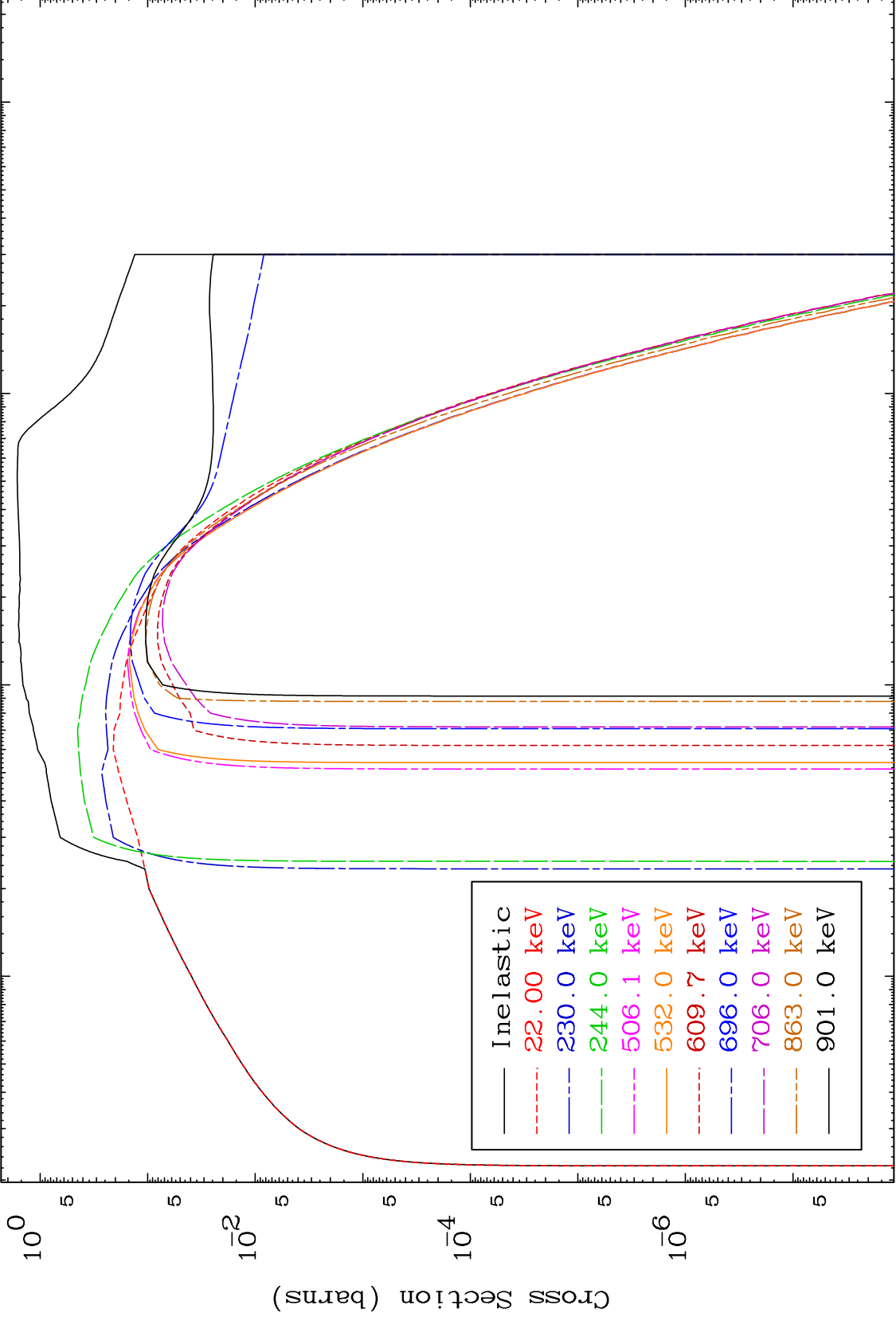
Incident Energy (MeV)

27-Co-62

MAT 2734

(n,n') Level
293 Kelvin Cross Sections

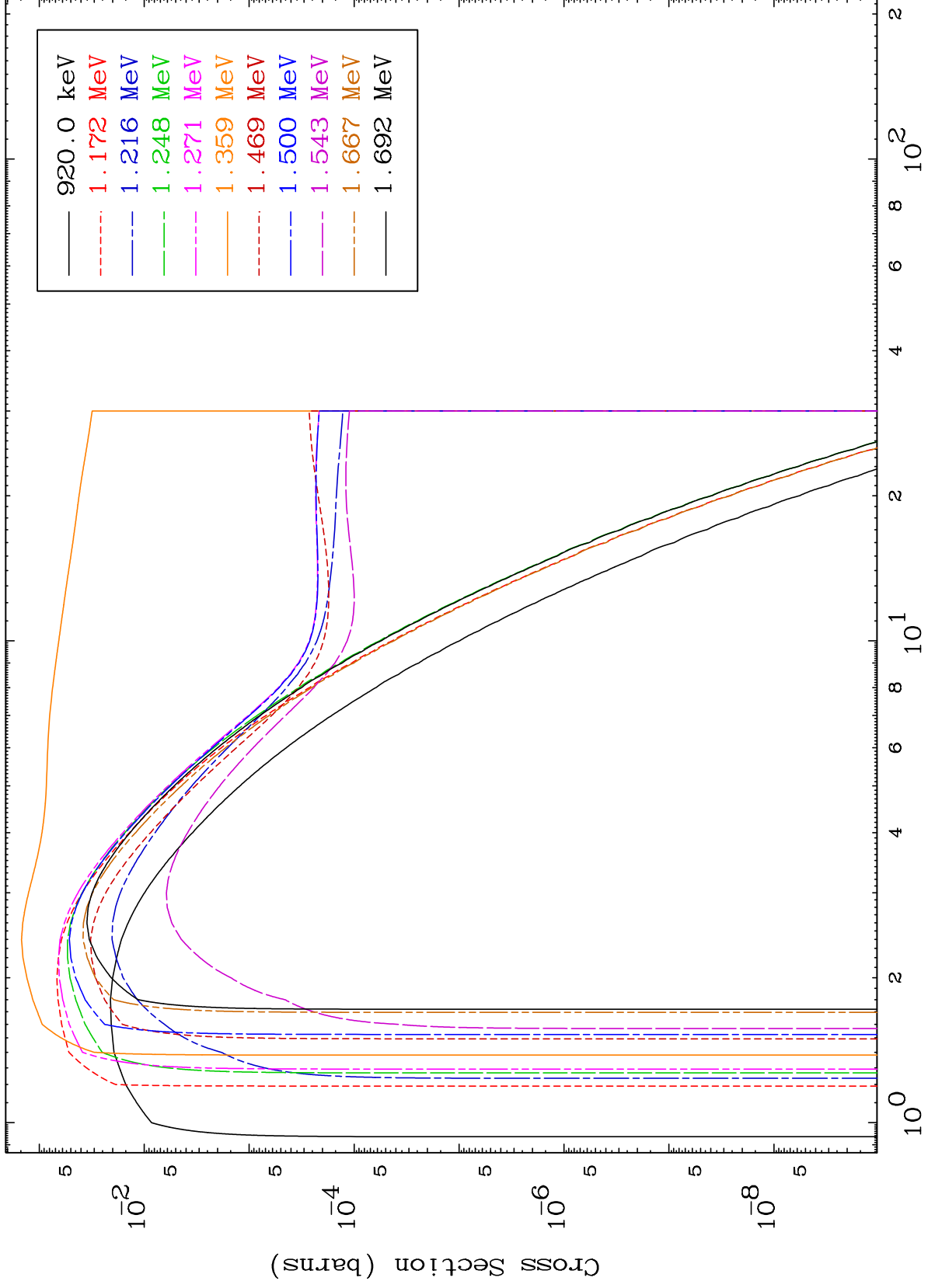
27-Co-62



MAT 2734

(n,n') Level
293 Kelvin Cross Sections

27-Co-62



Incident Energy (MeV)

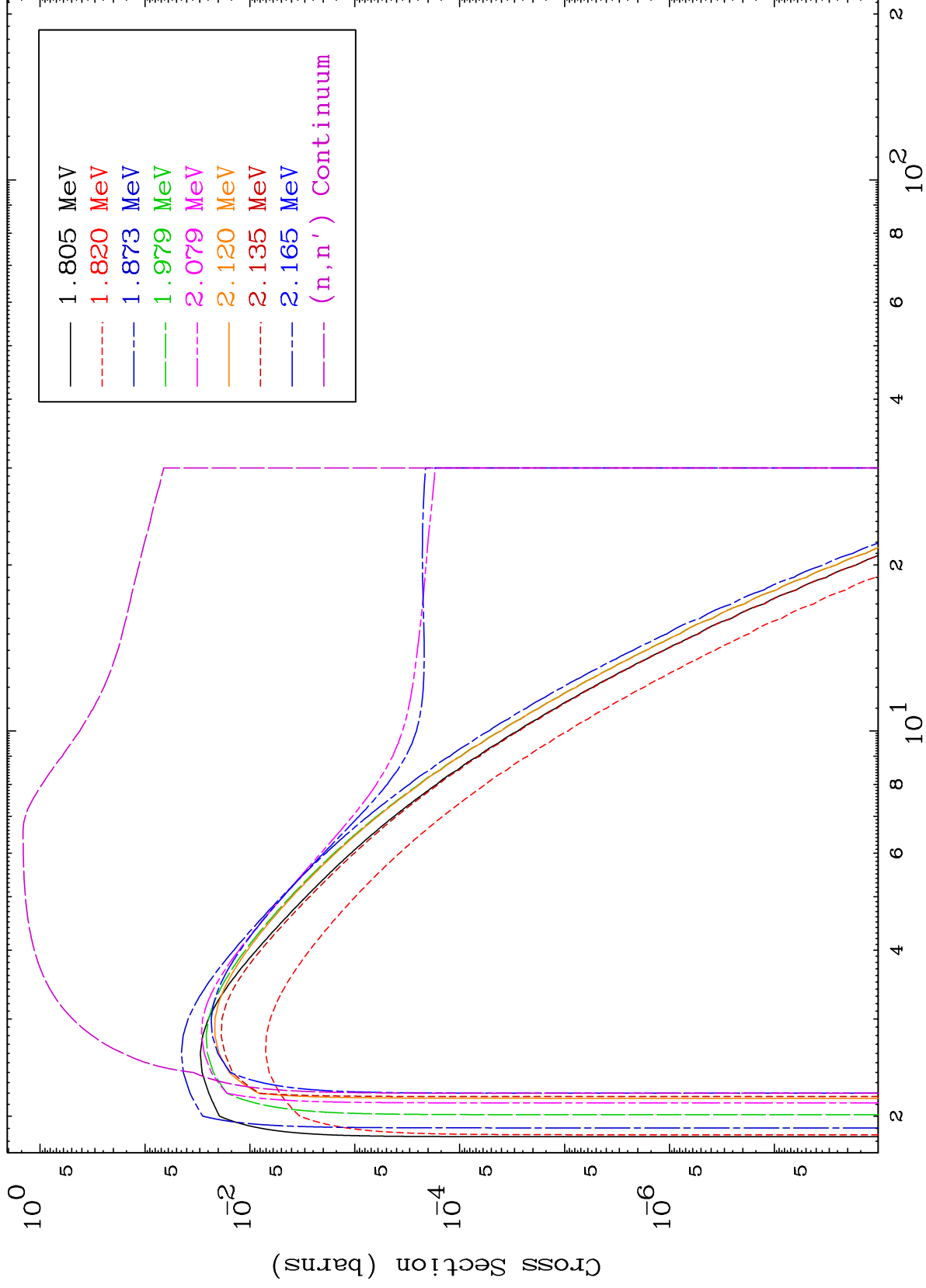
27-Co-62

MAT 2734

(n,n') Level

27-Co-62

293 Kelvin Cross Sections



9

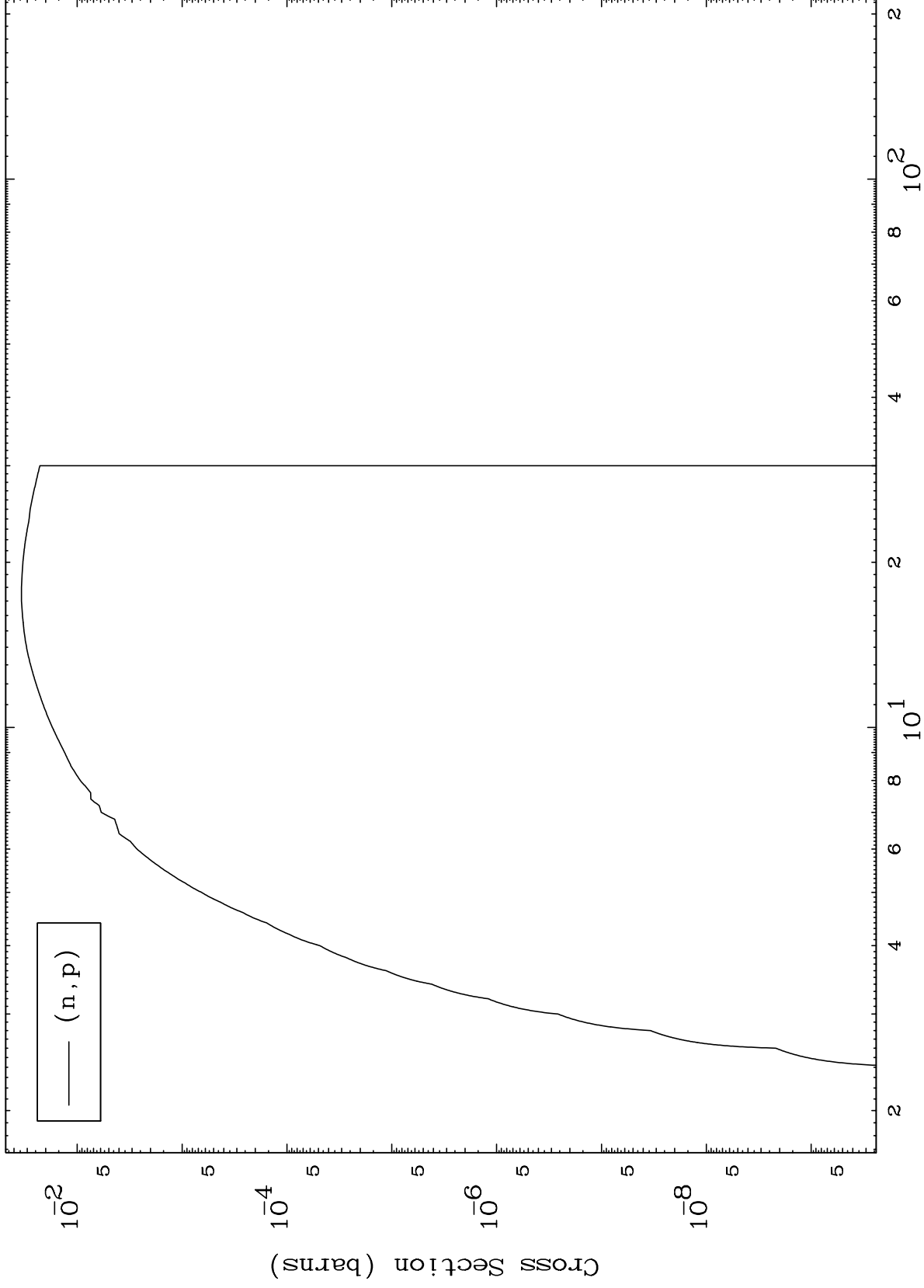
Incident Energy (MeV)

27-Co-62

MAT 2734

(n,p) Levels
293 Kelvin Cross Sections

27-Co-62



10

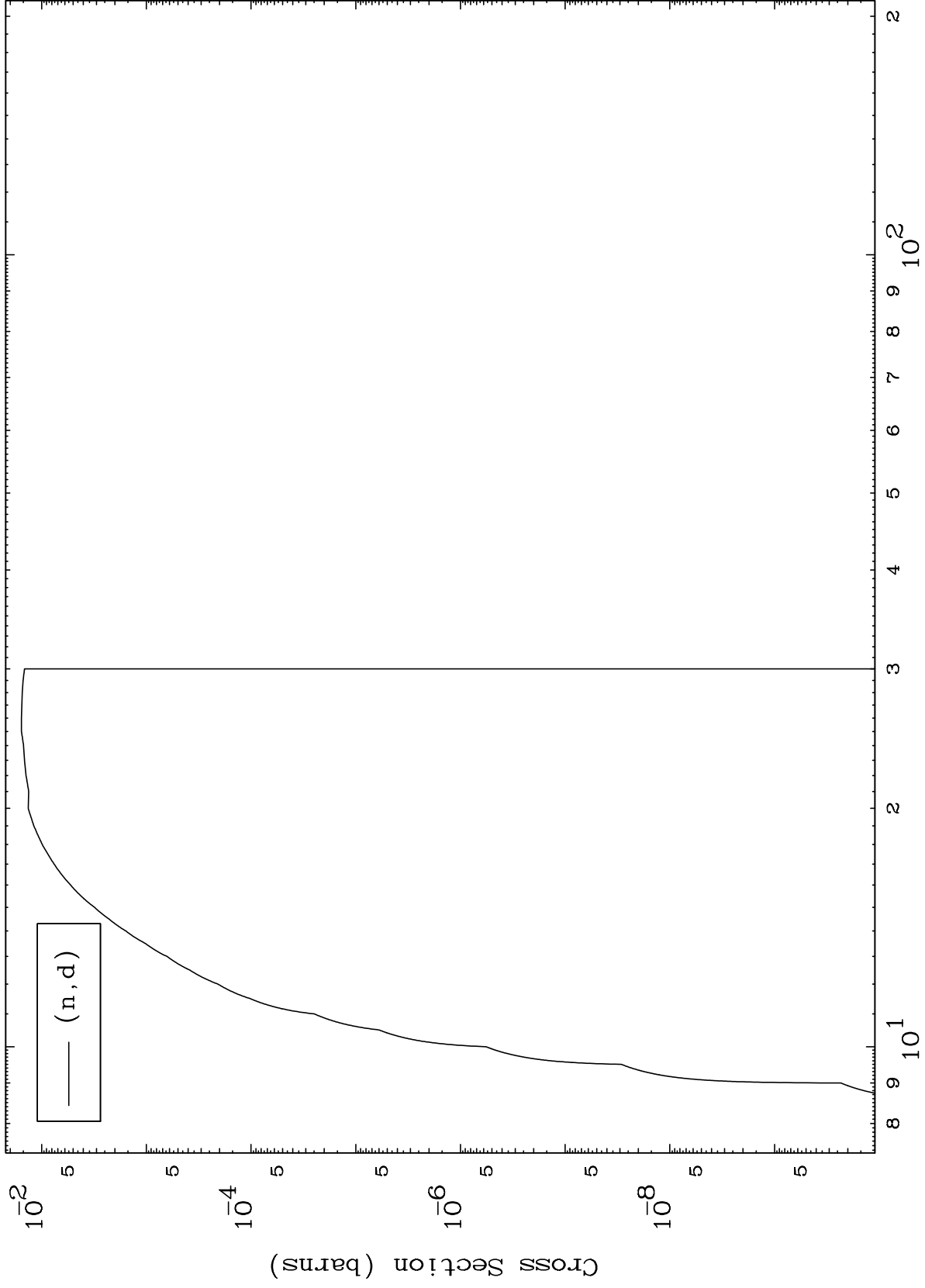
Incident Energy (MeV)

27-Co-62

MAT 2734

(n,d) Levels
293 Kelvin Cross Sections

27-Co-62



11

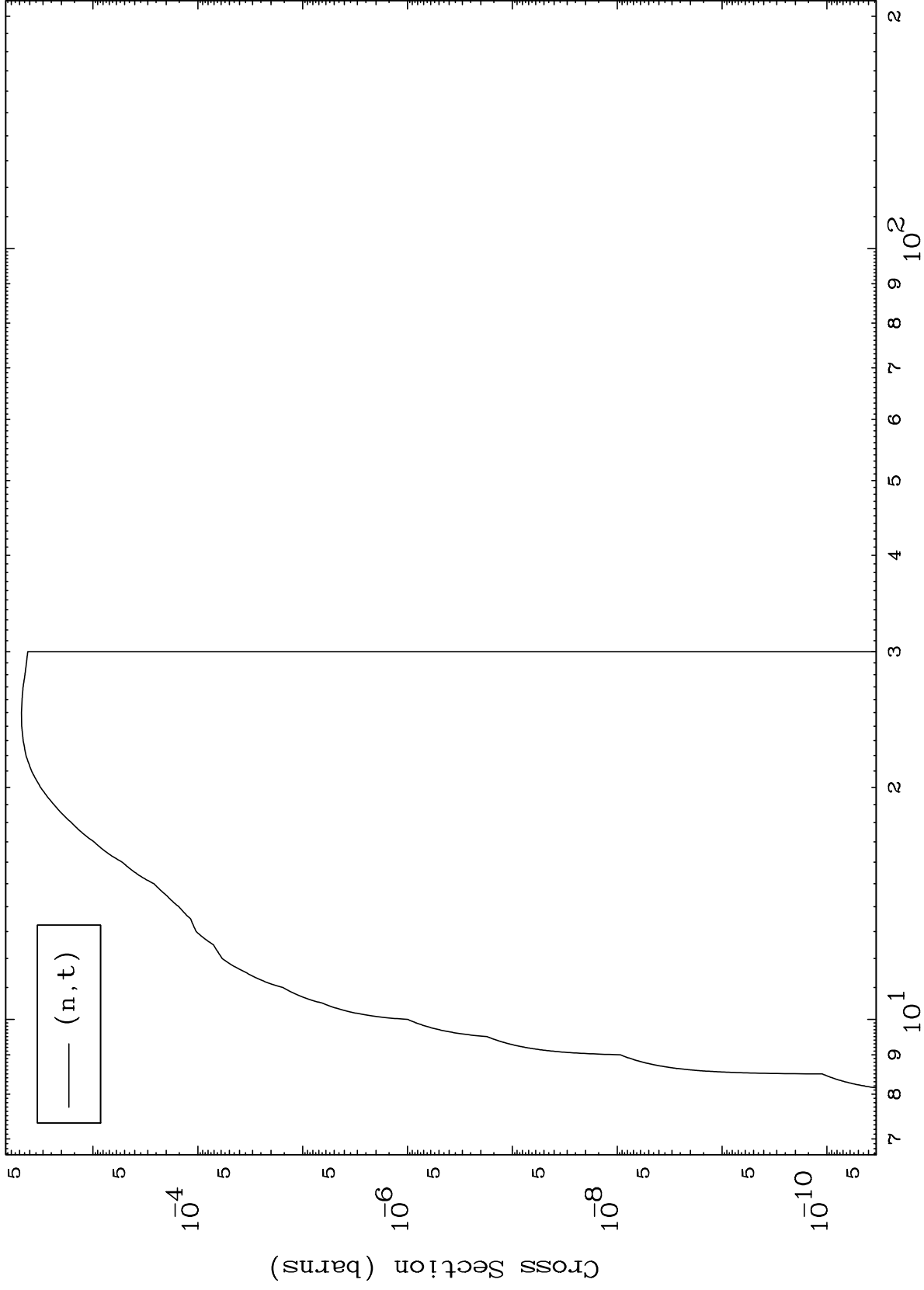
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27-Co-62

MAT 2734

(n,t) Levels
293 Kelvin Cross Sections

27-Co-62



12

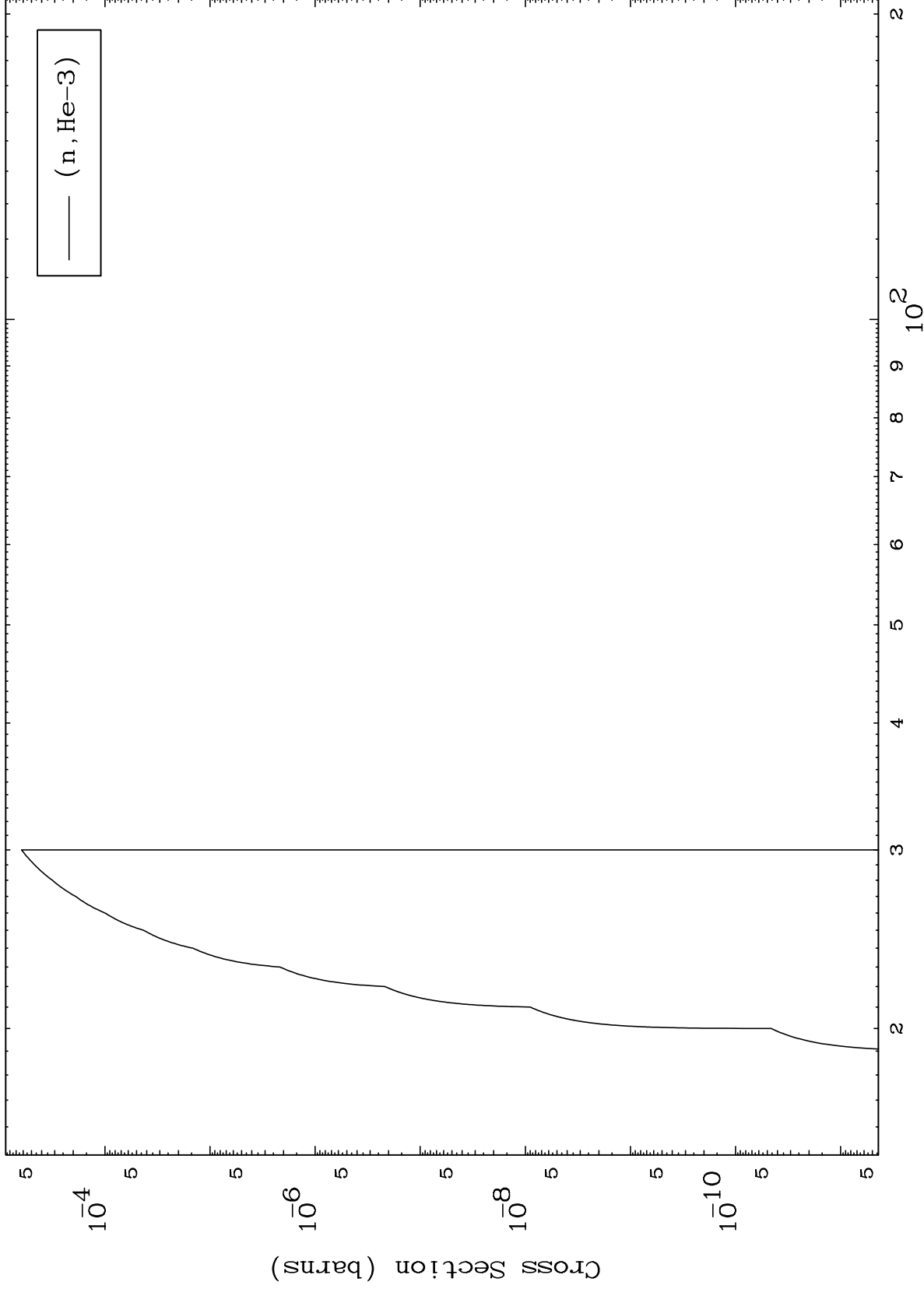
Incident Energy (MeV)

27-Co-62

MAT 2734

(n,He3) Levels
293 Kelvin Cross Sections

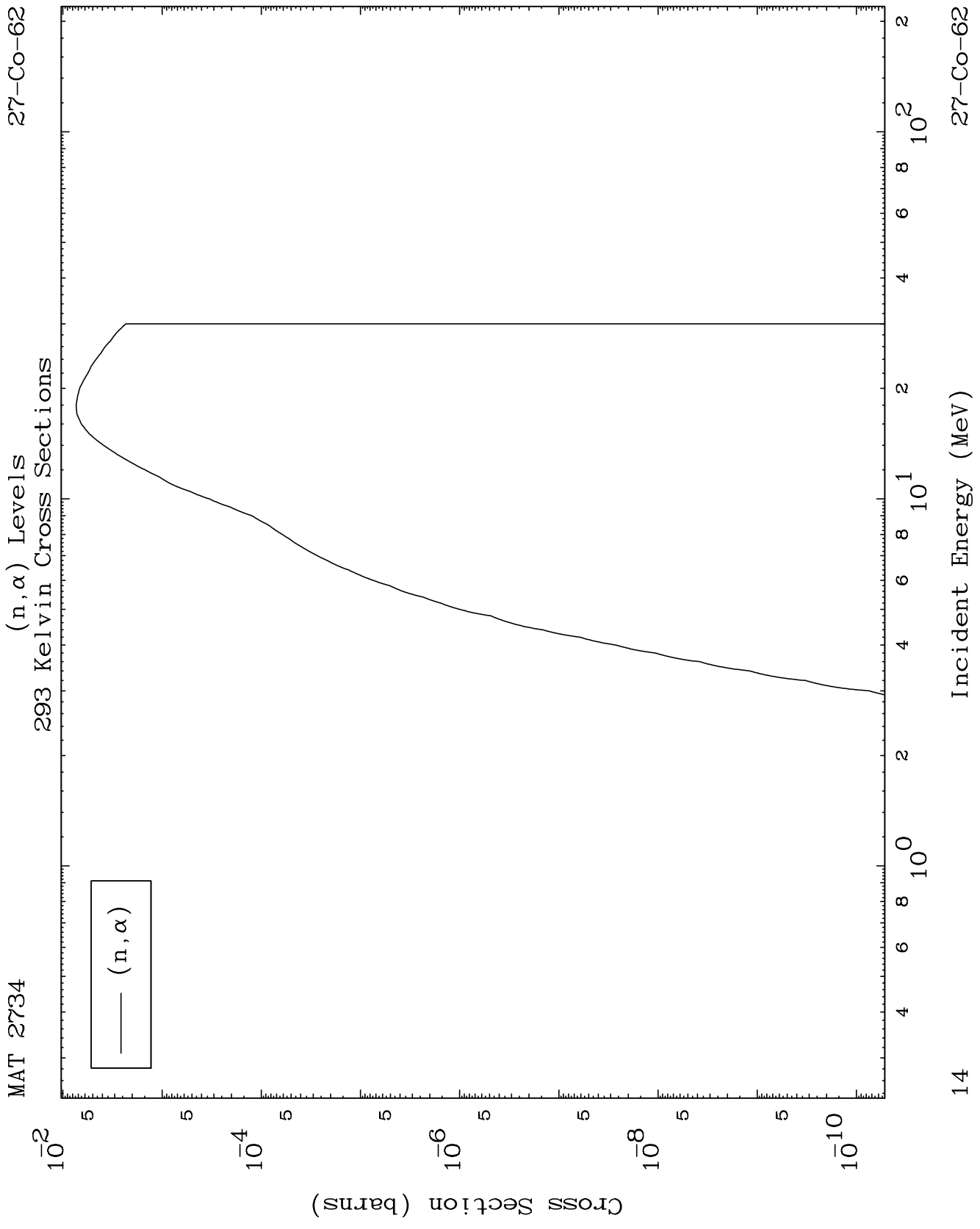
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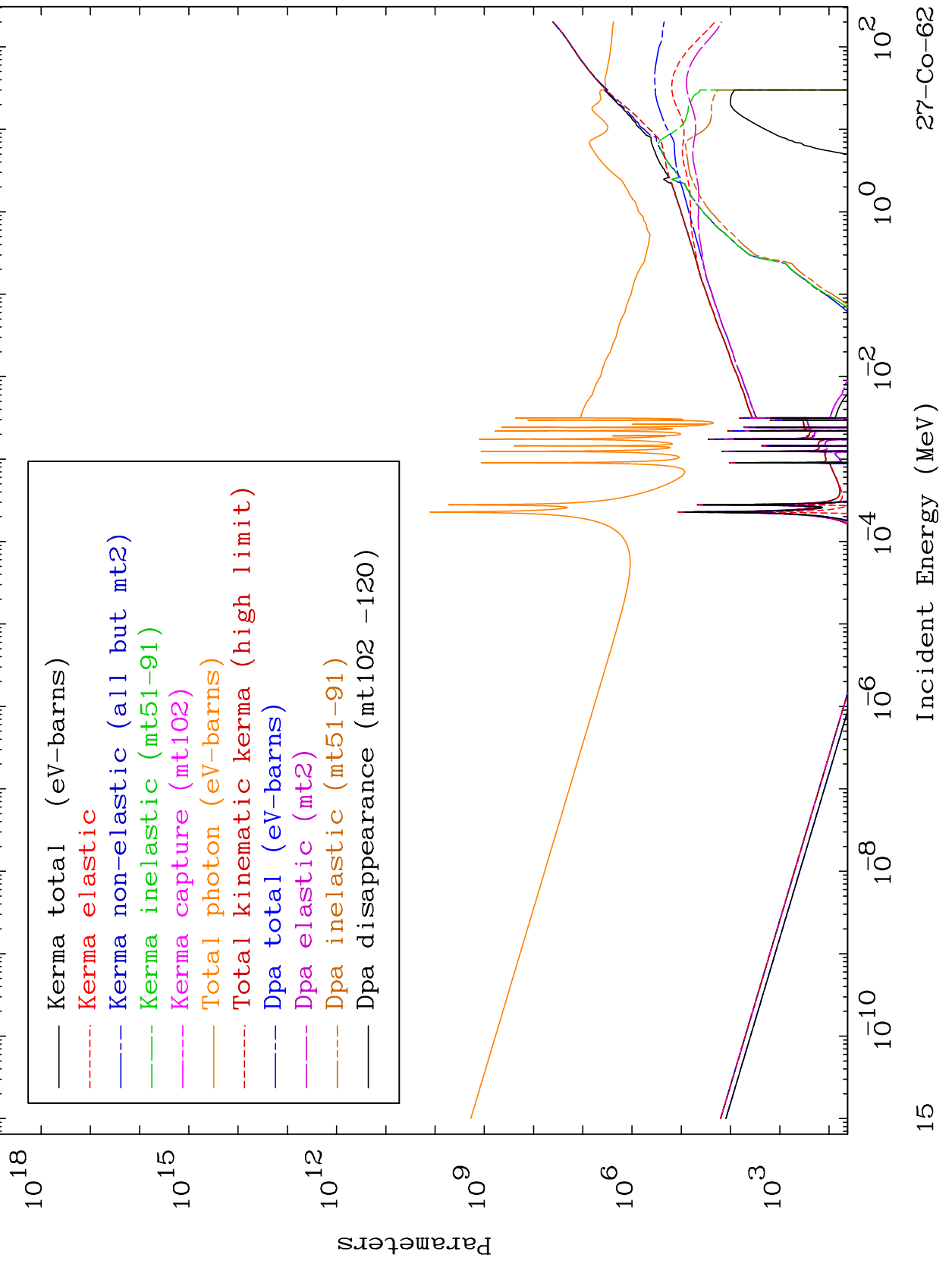


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Incident Energy (MeV)

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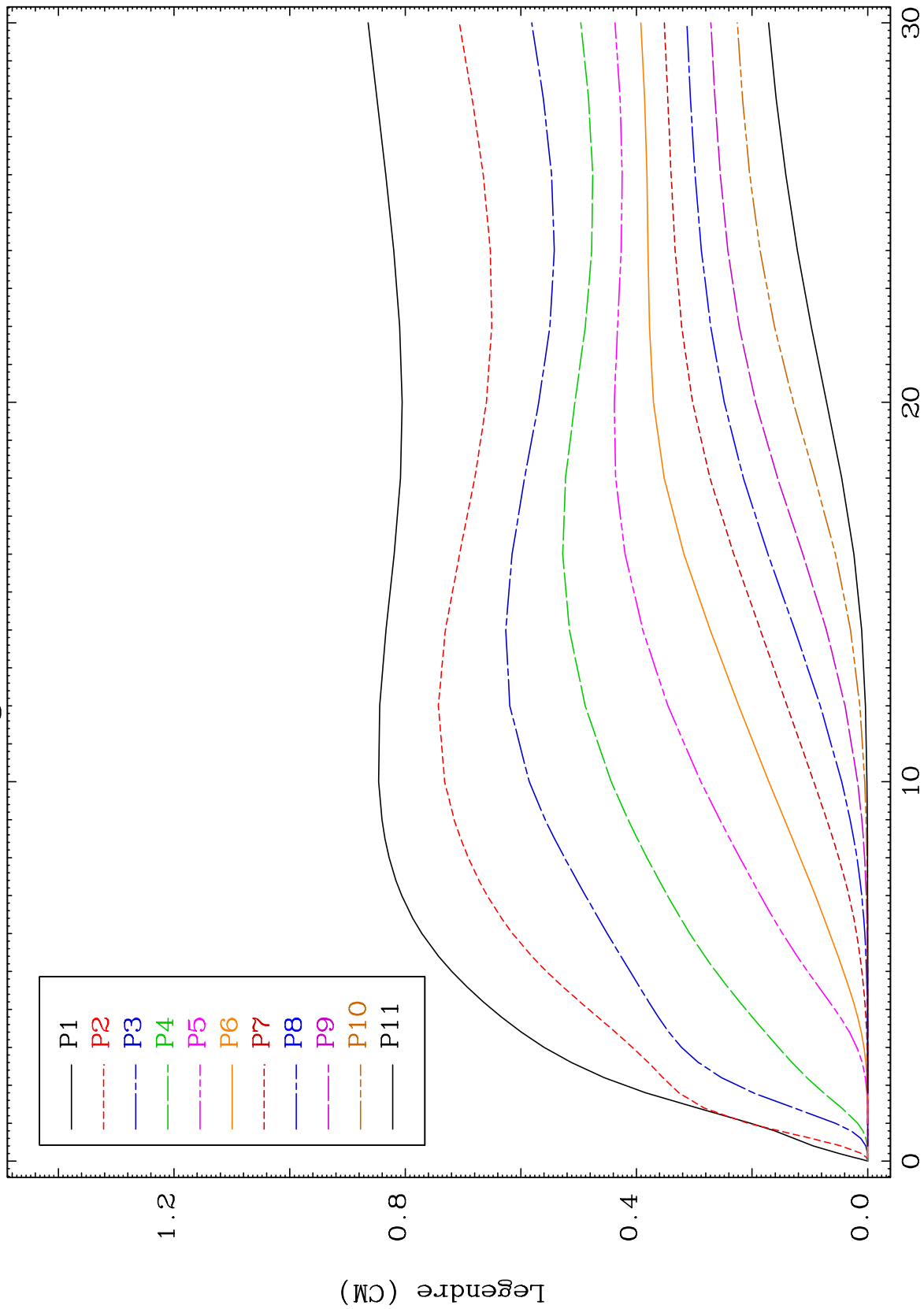




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Elastic Legendre Coefficients

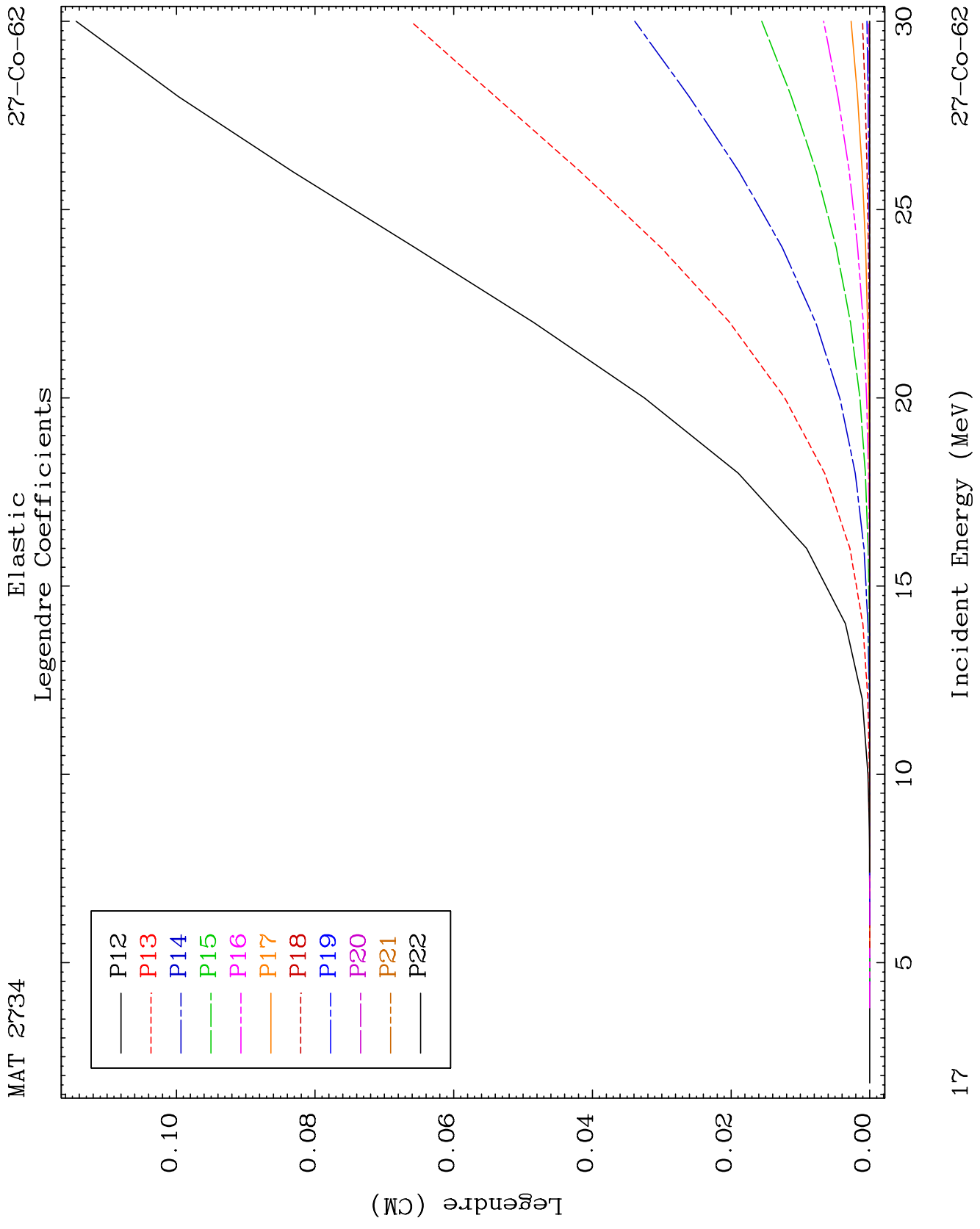
27-Co-62



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Incident Energy (MeV)

27-Co-62



MAT 2734

Elastic Legendre Coefficients

27-Co-62

17

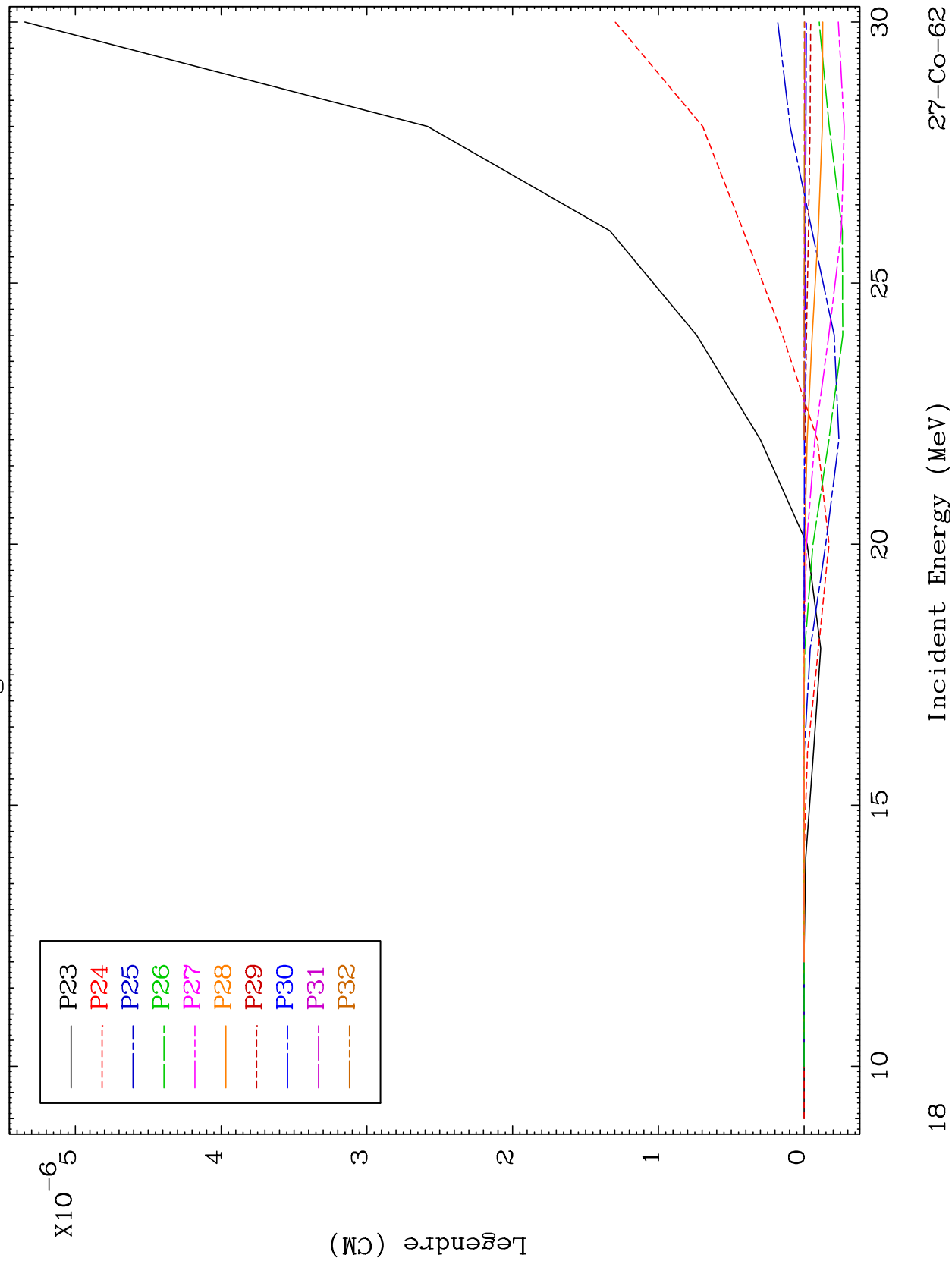
Incident Energy (MeV)

27-Co-62

MAT 2734

Elastic Legendre Coefficients

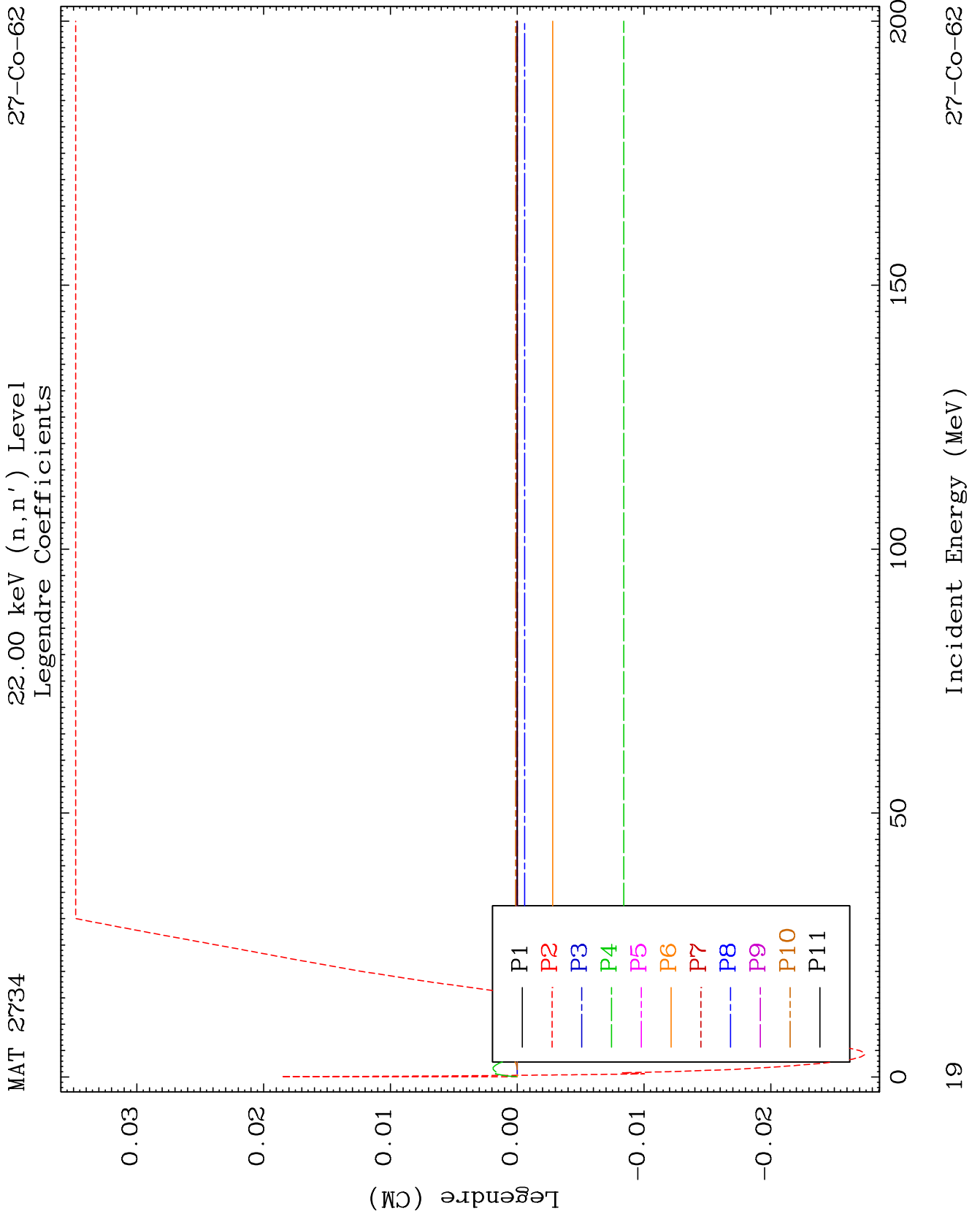
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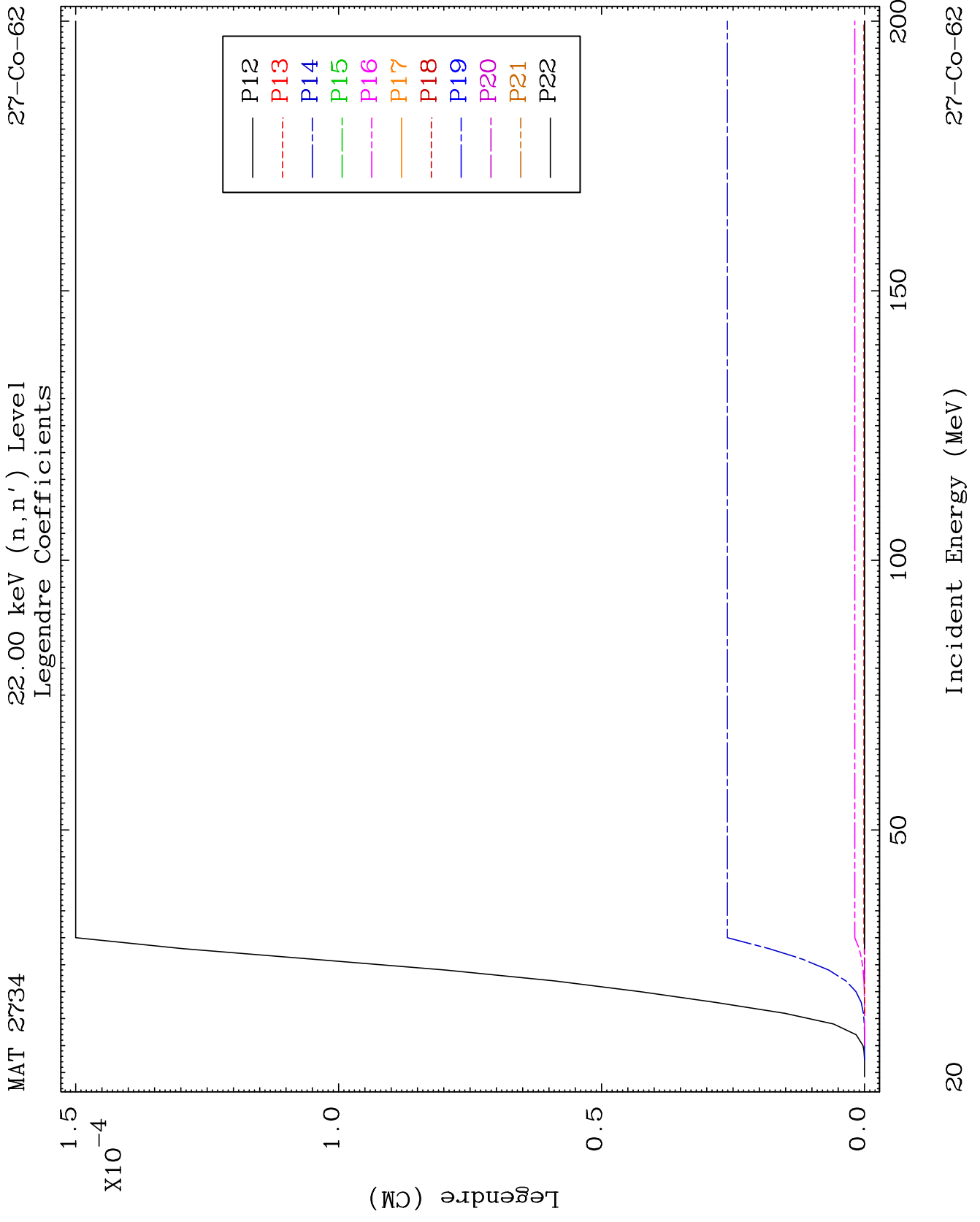


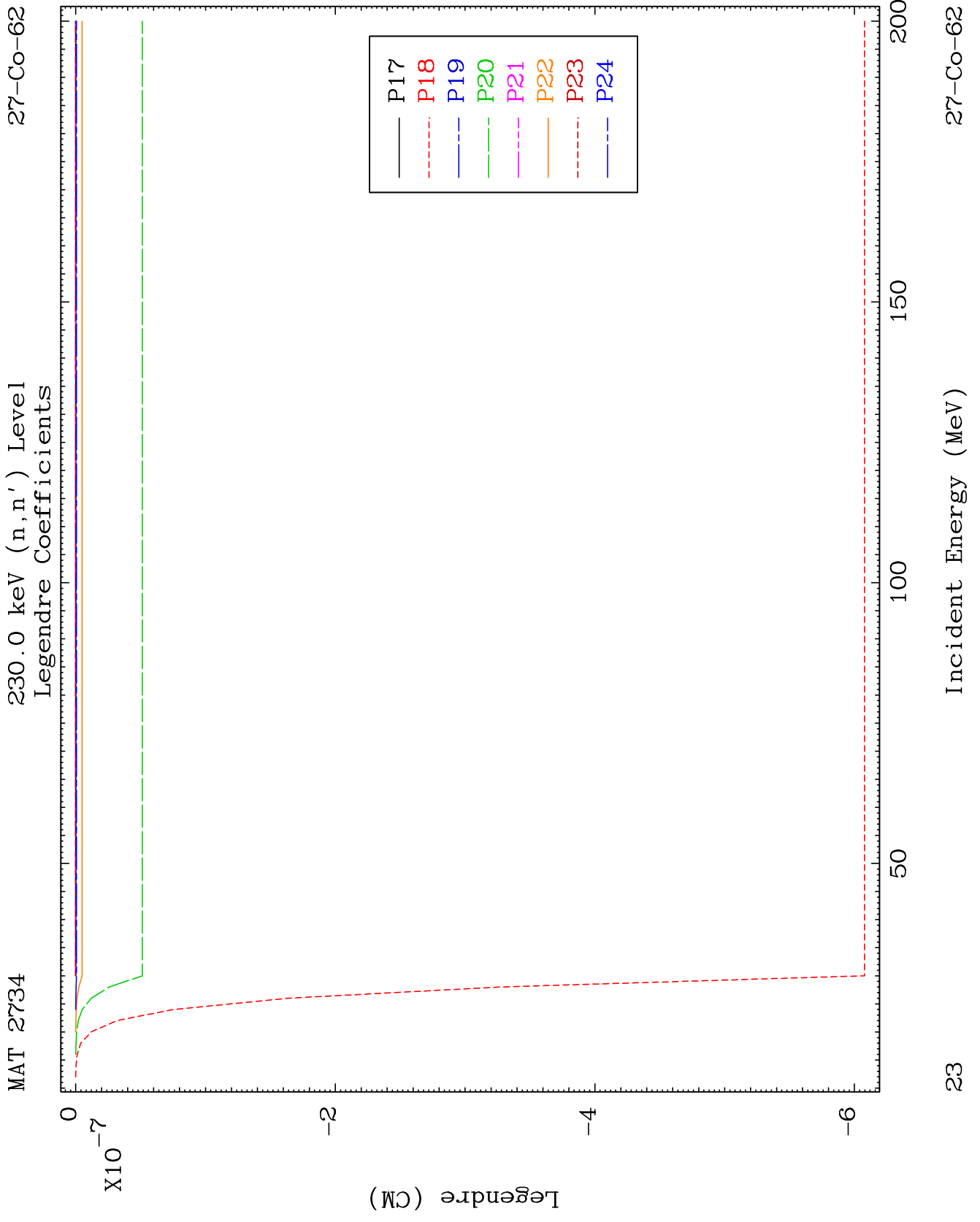
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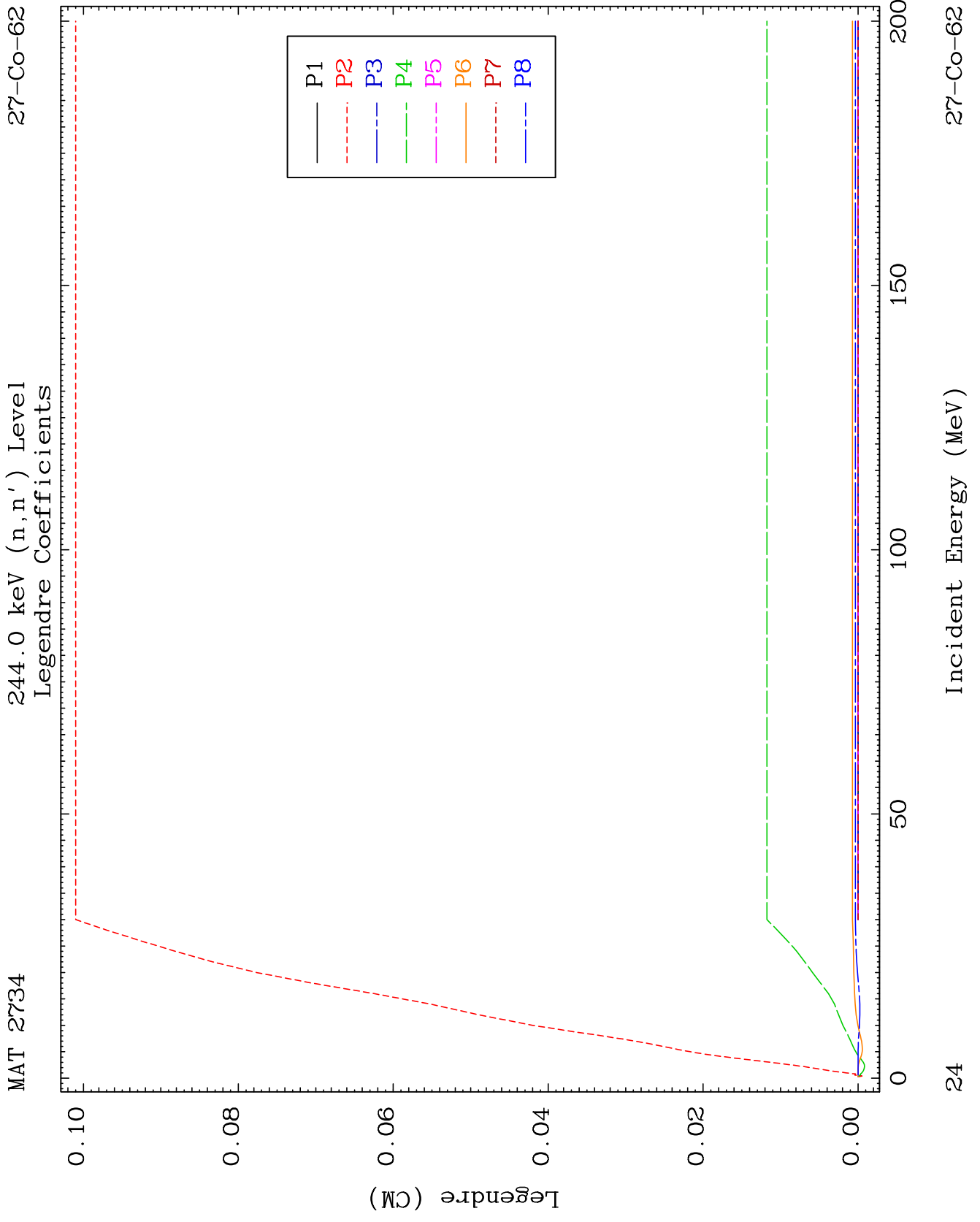
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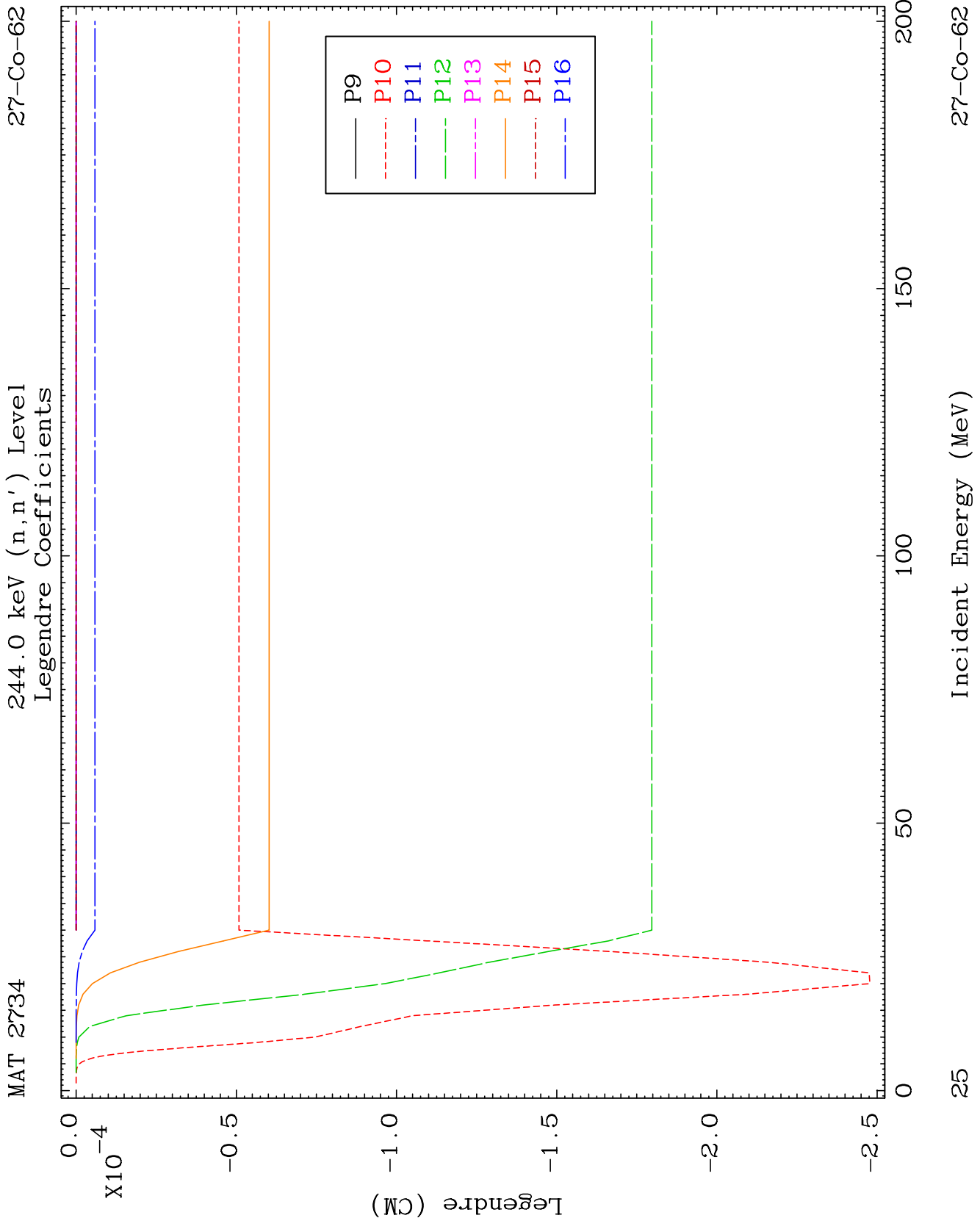
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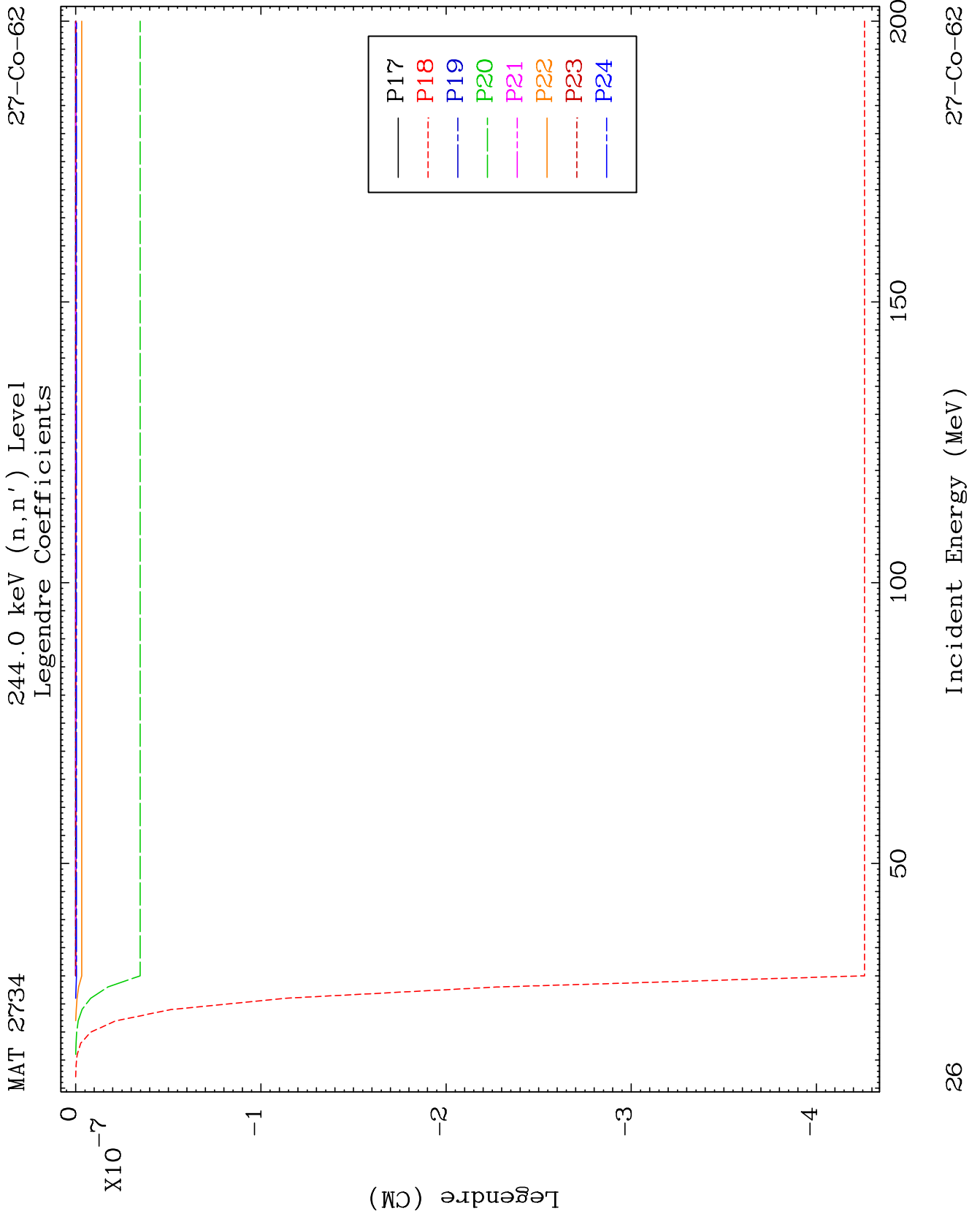


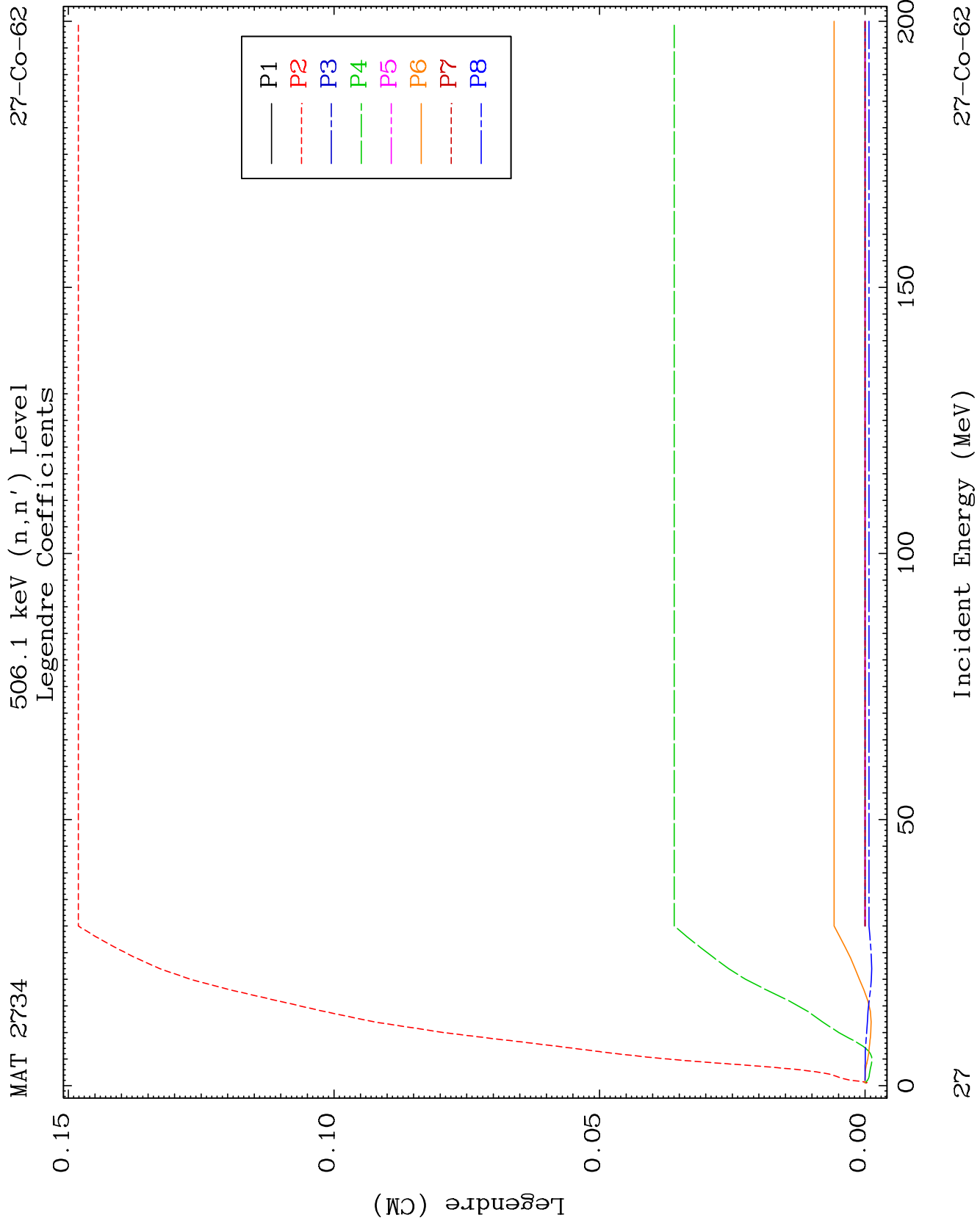


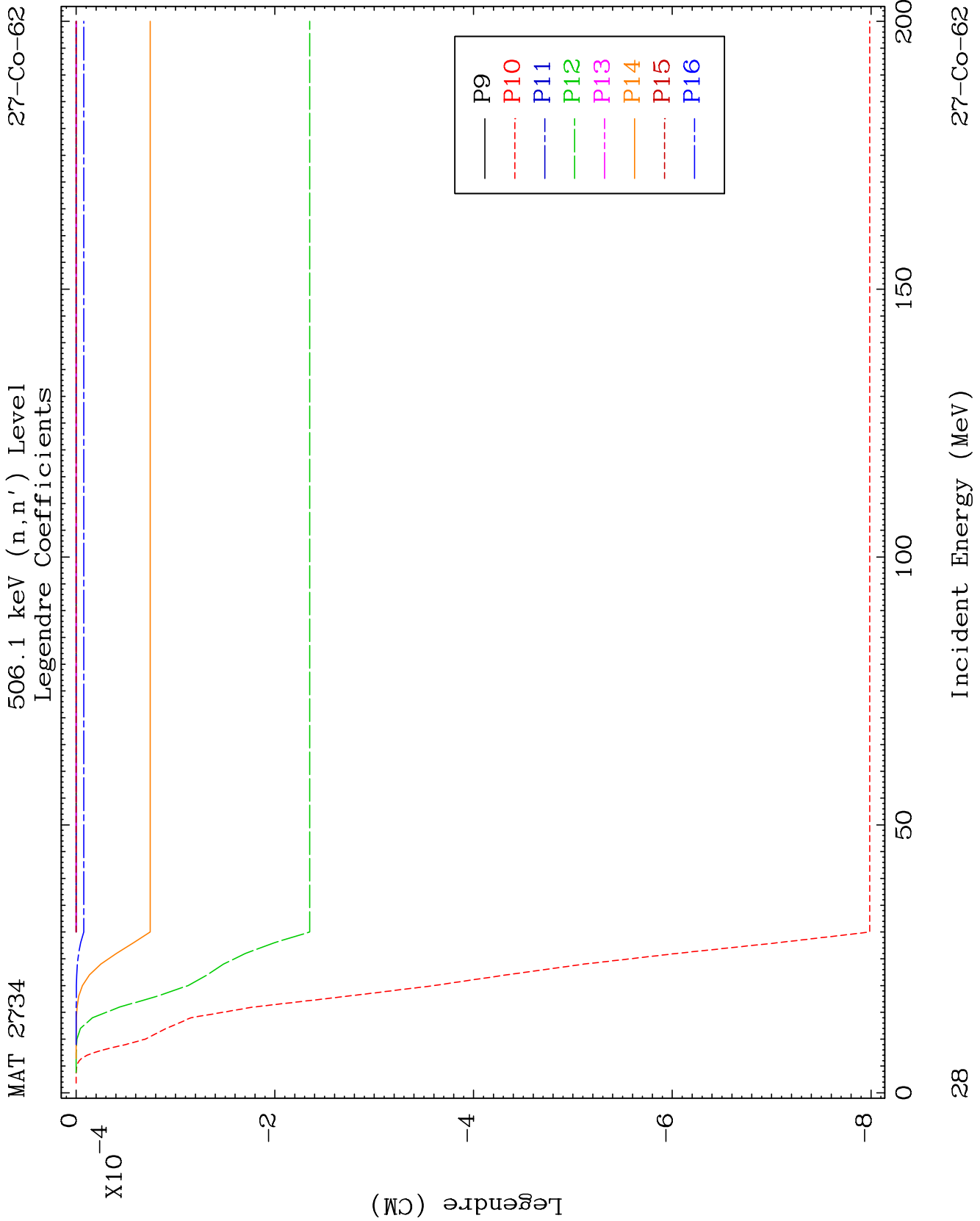


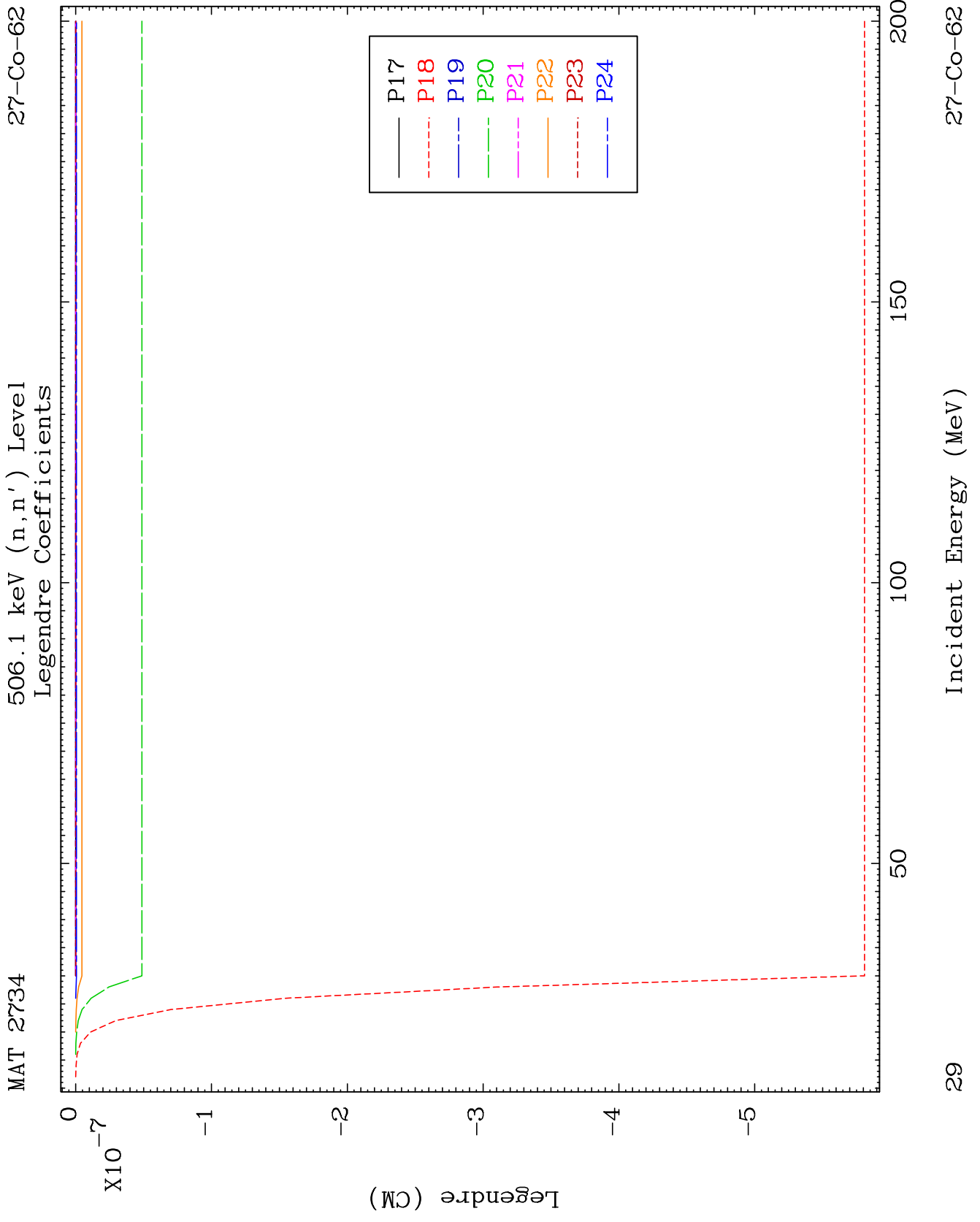


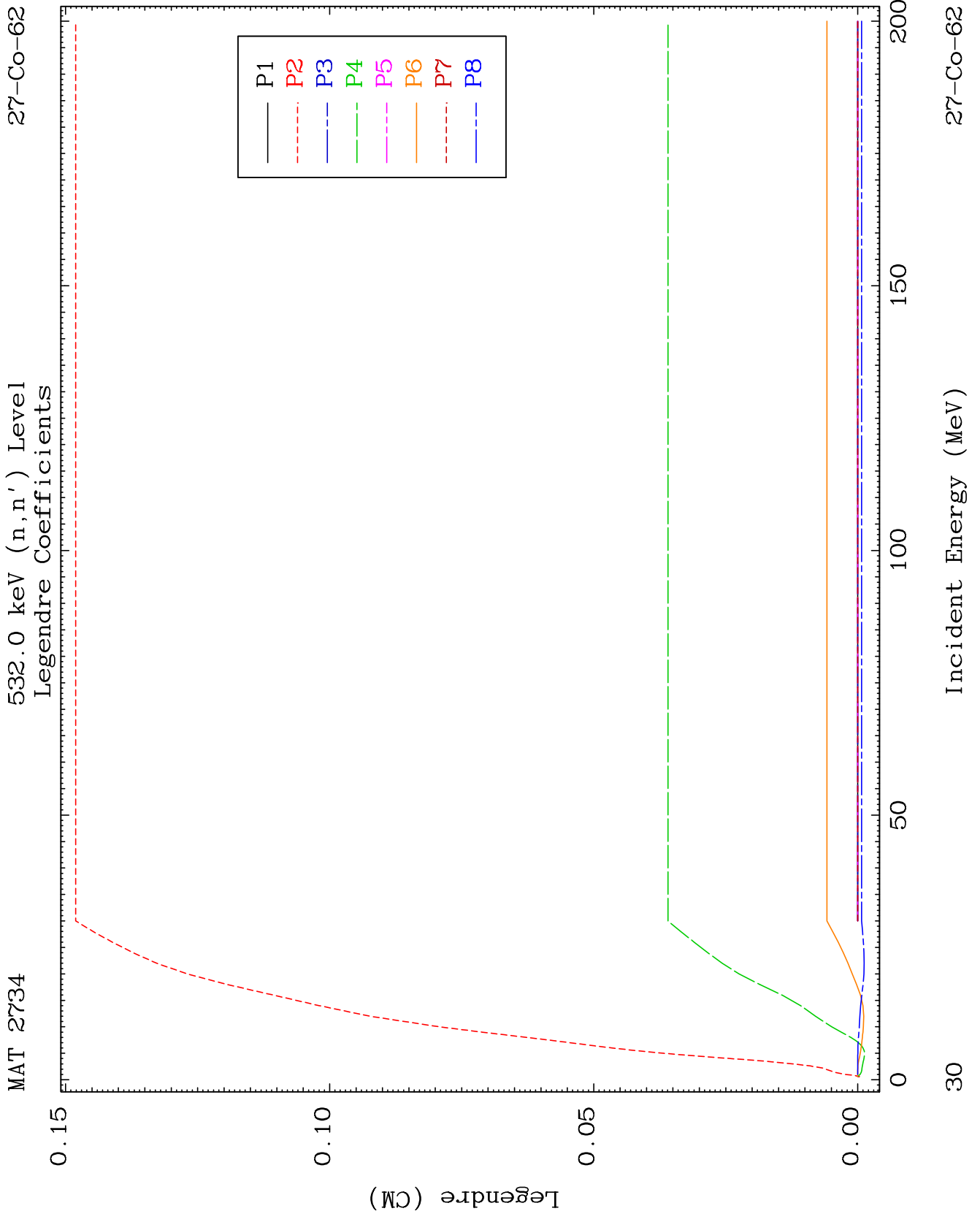


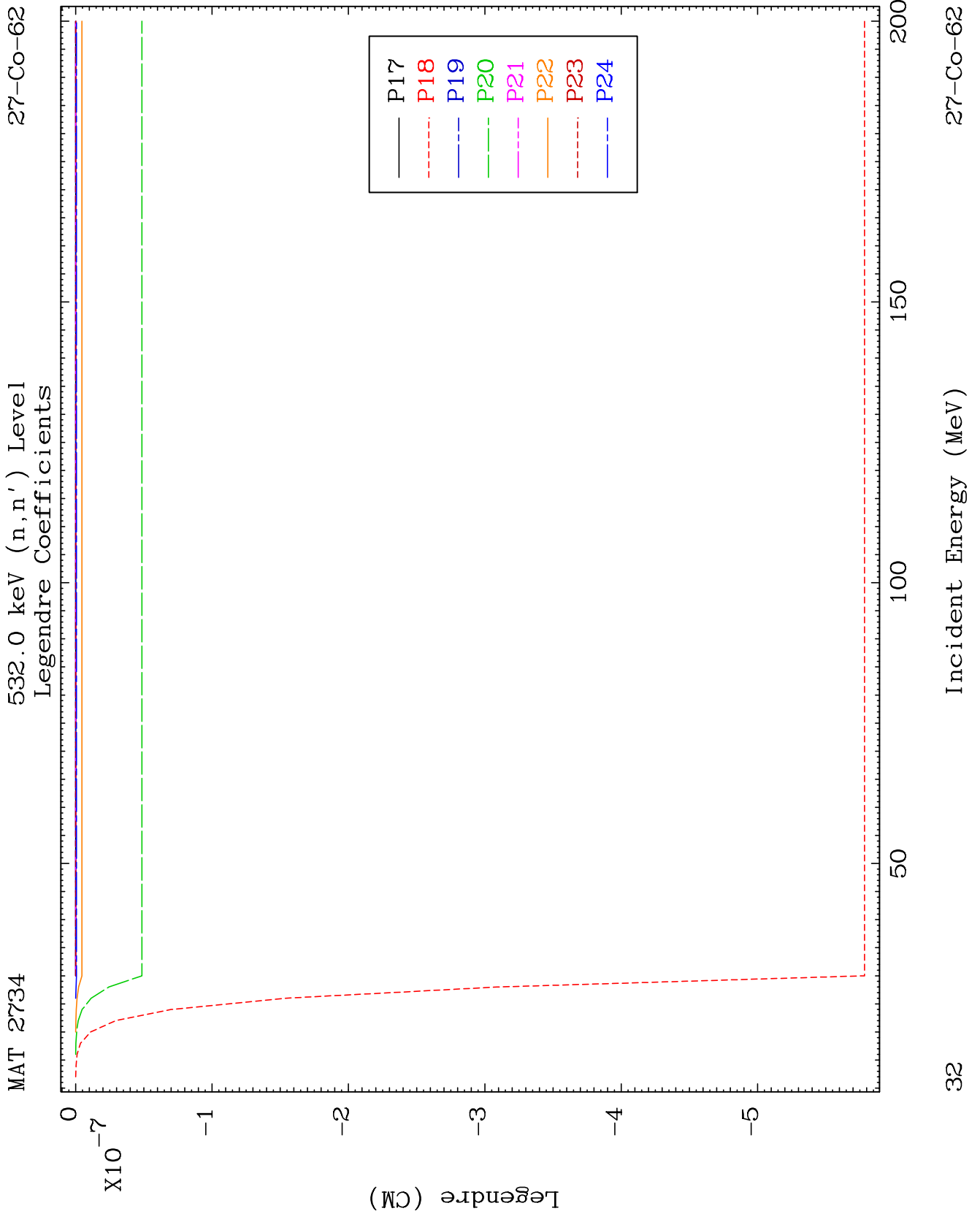


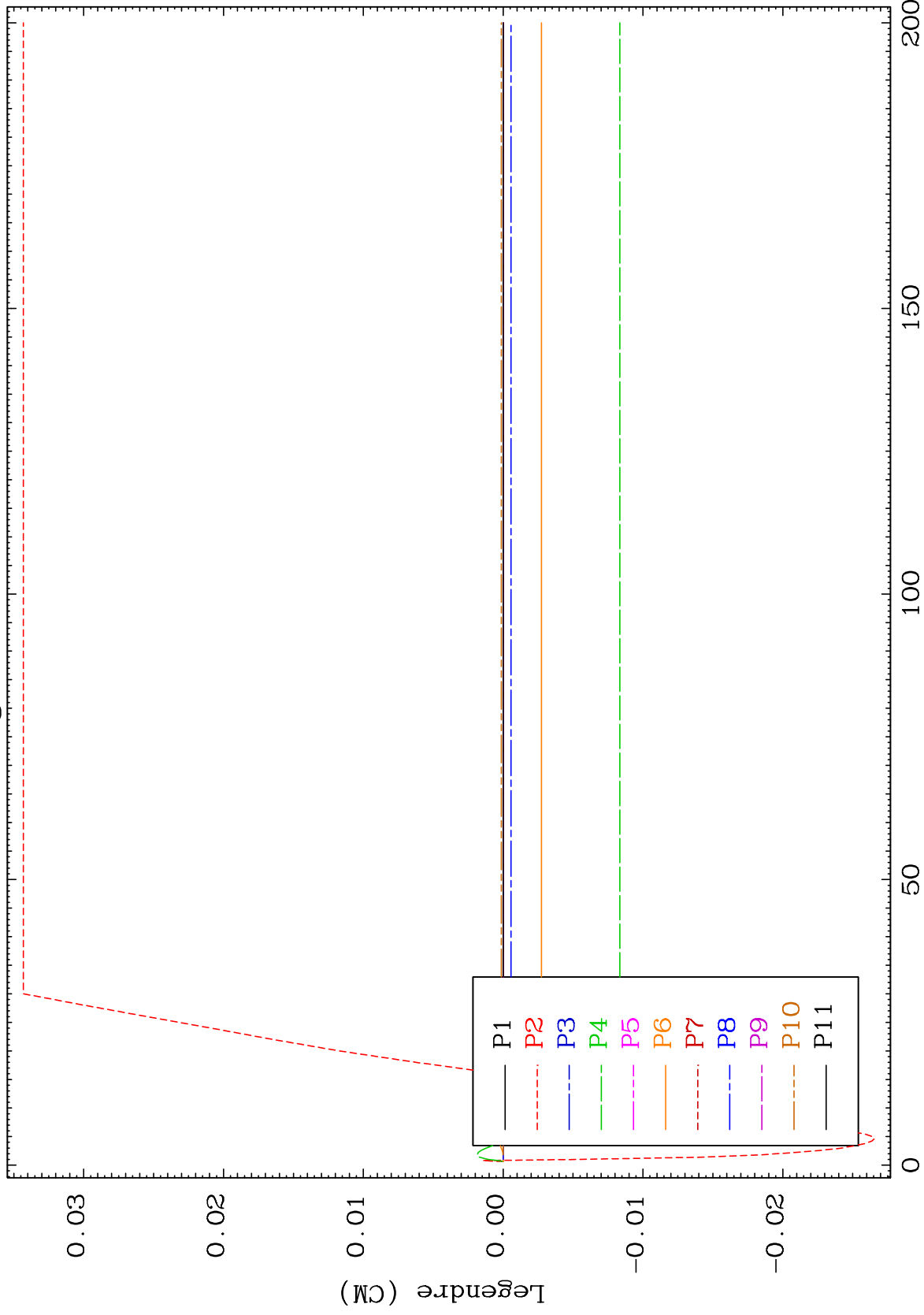








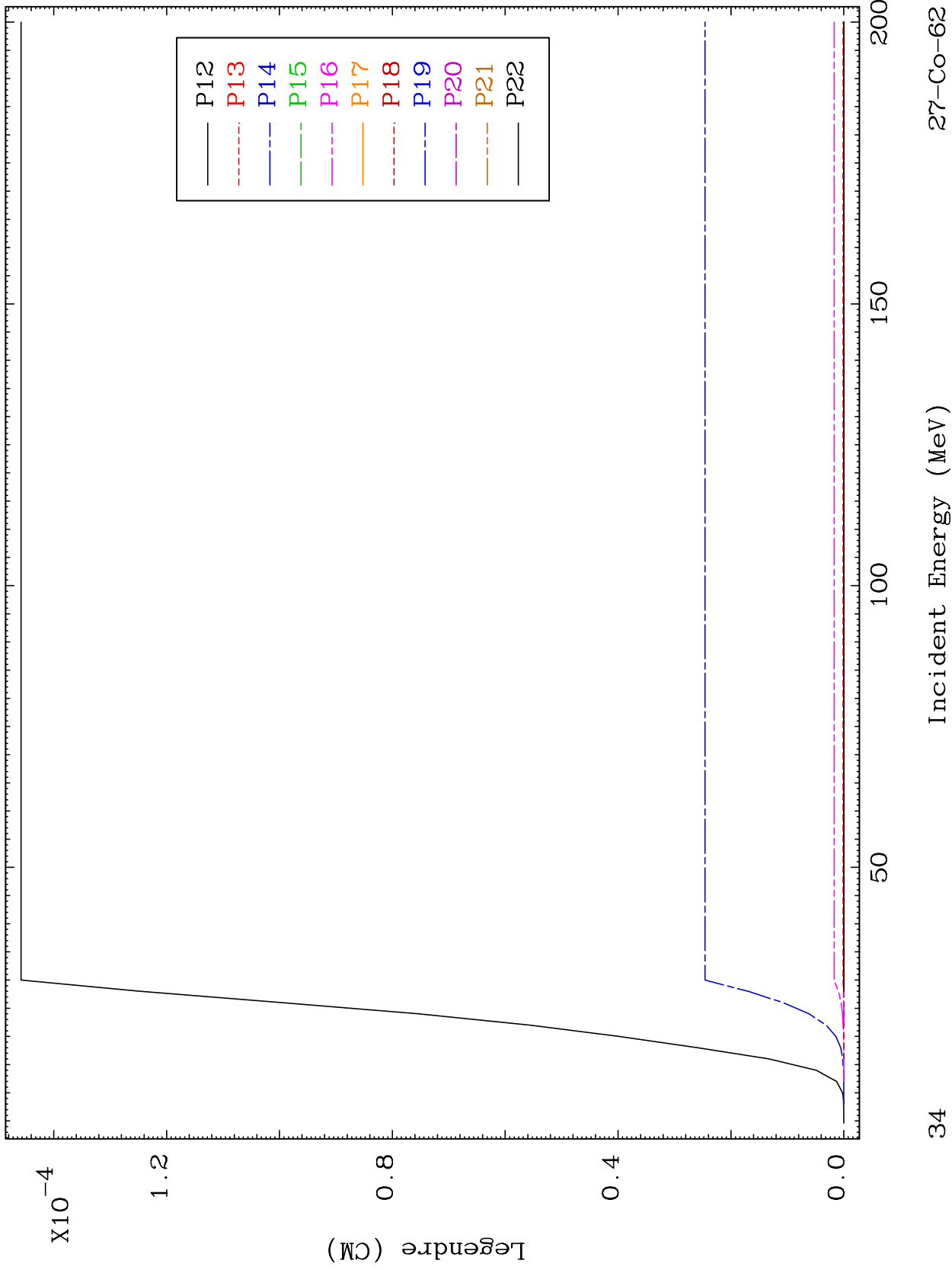




MAT 2734

609.7 keV (n,n') Level
Legendre Coefficients

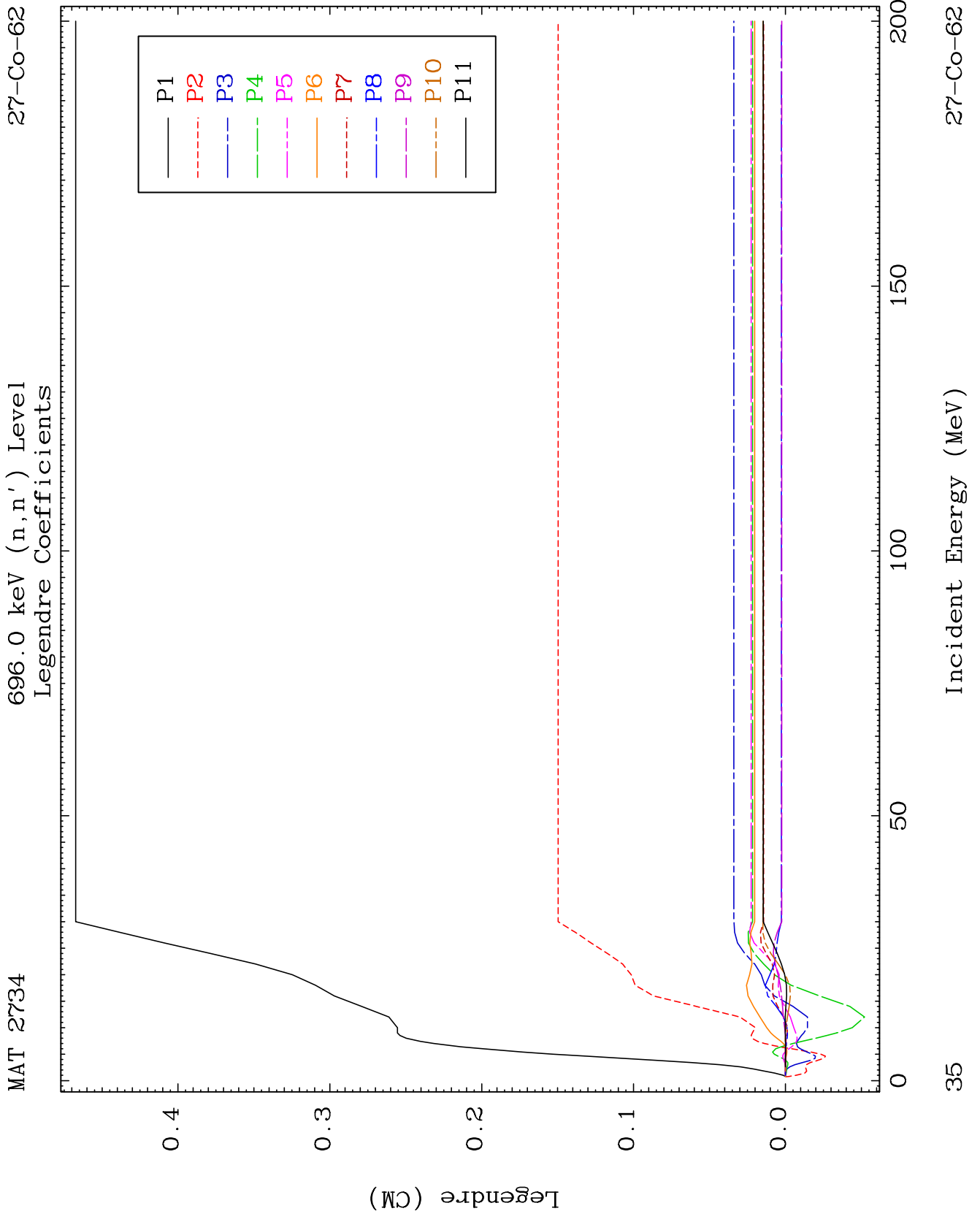
27-Co-62



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Incident Energy (MeV)

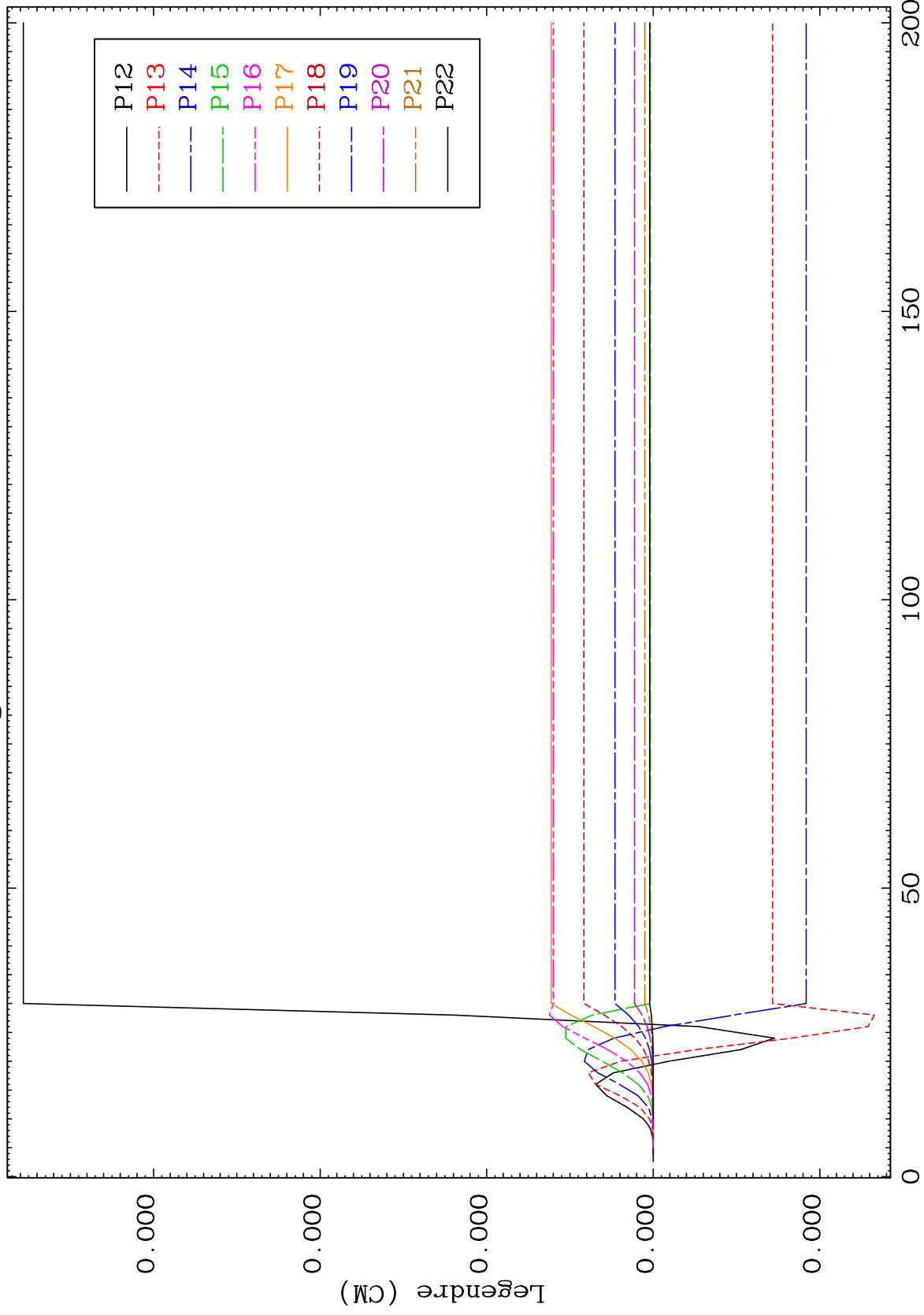
27-Co-62



MAT 2734

696.0 keV (n,n') Level
Legendre Coefficients

27-Co-62



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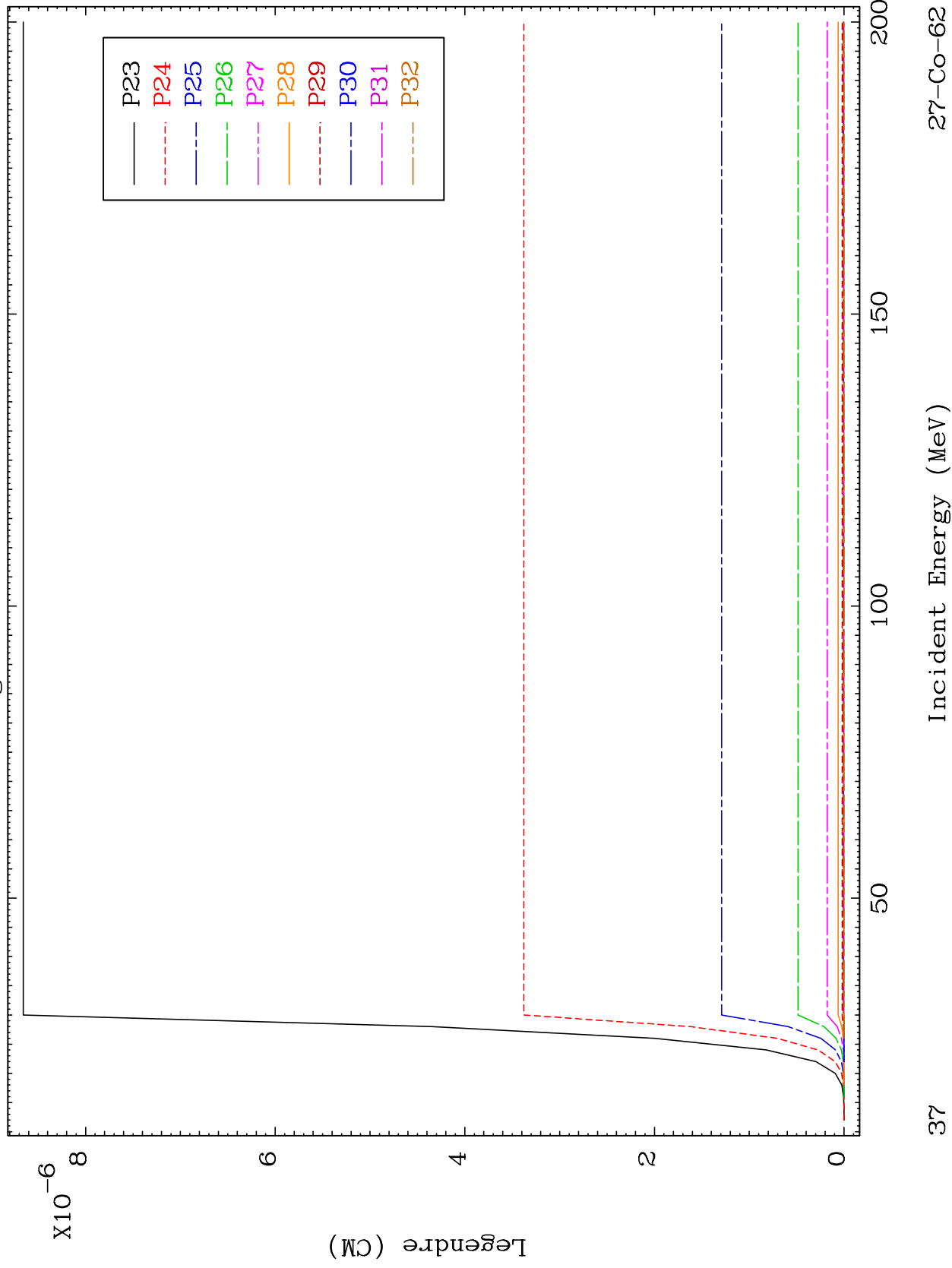
Incident Energy (MeV)

27-Co-62

MAT 2734

696.0 keV (n,n') Level
Legendre Coefficients

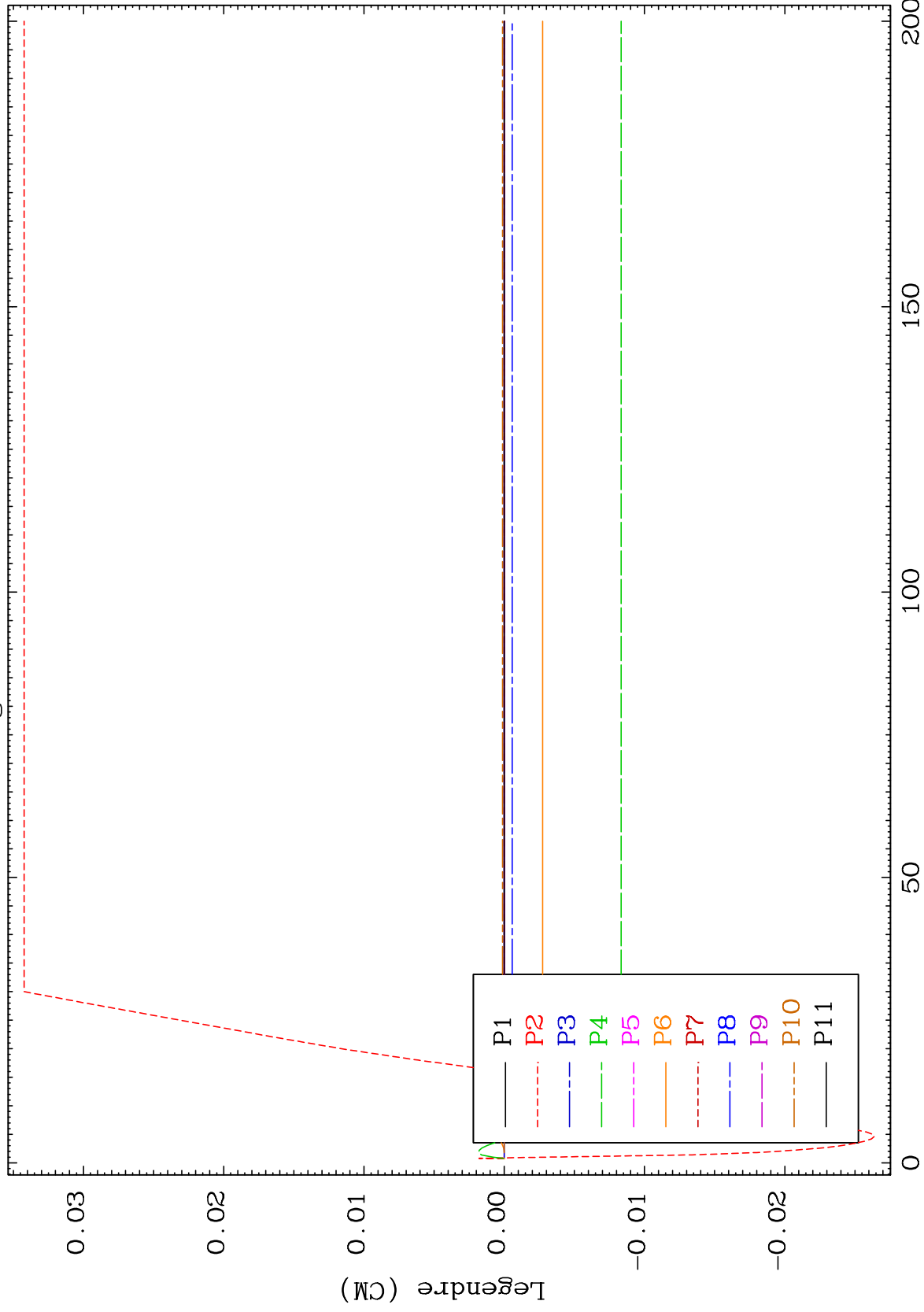
27-Co-62



MAT 2734

706.0 keV (n,n') Level
Legendre Coefficients

27-Co-62



38

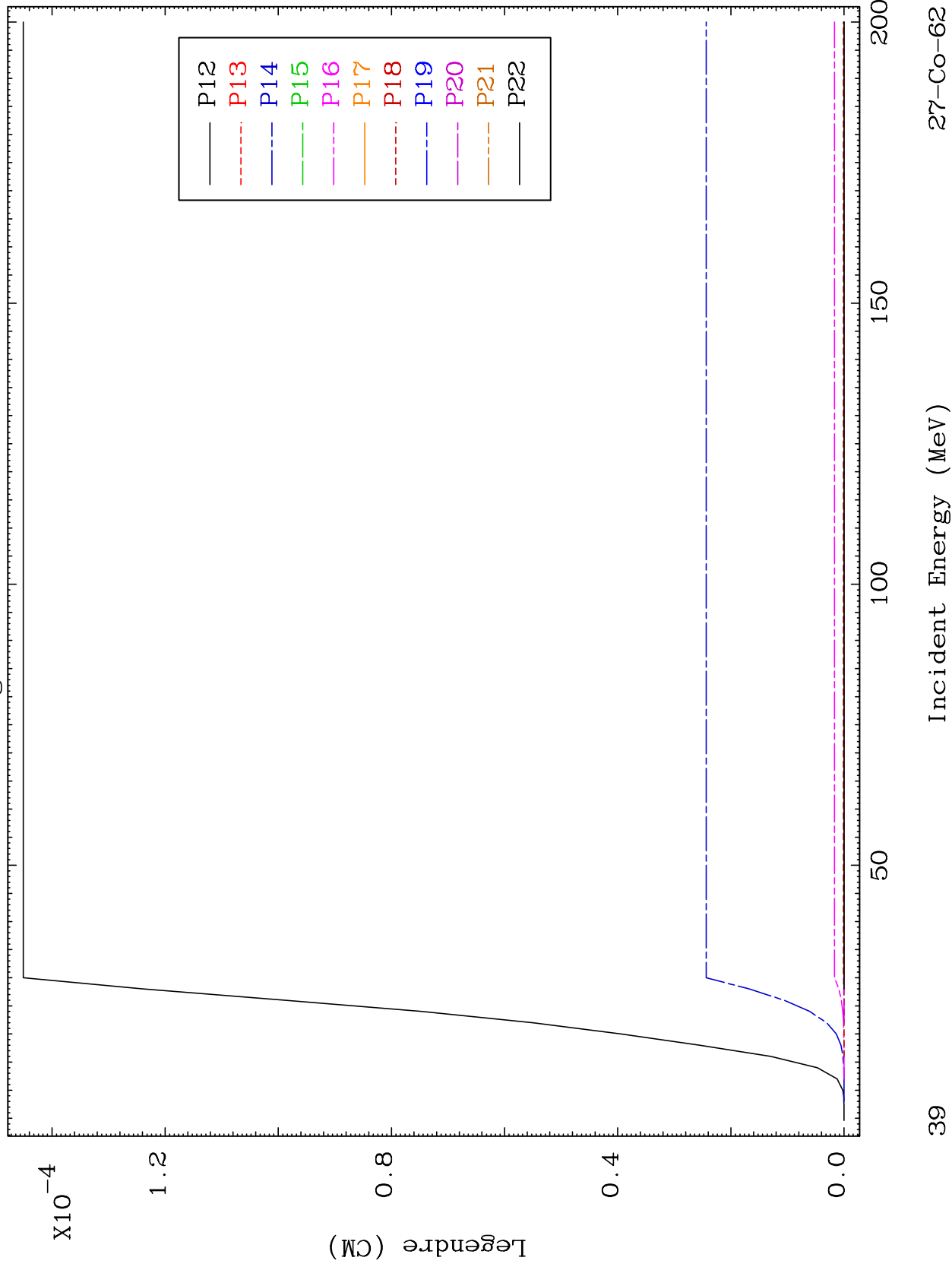
Incident Energy (MeV)

27-Co-62

MAT 2734

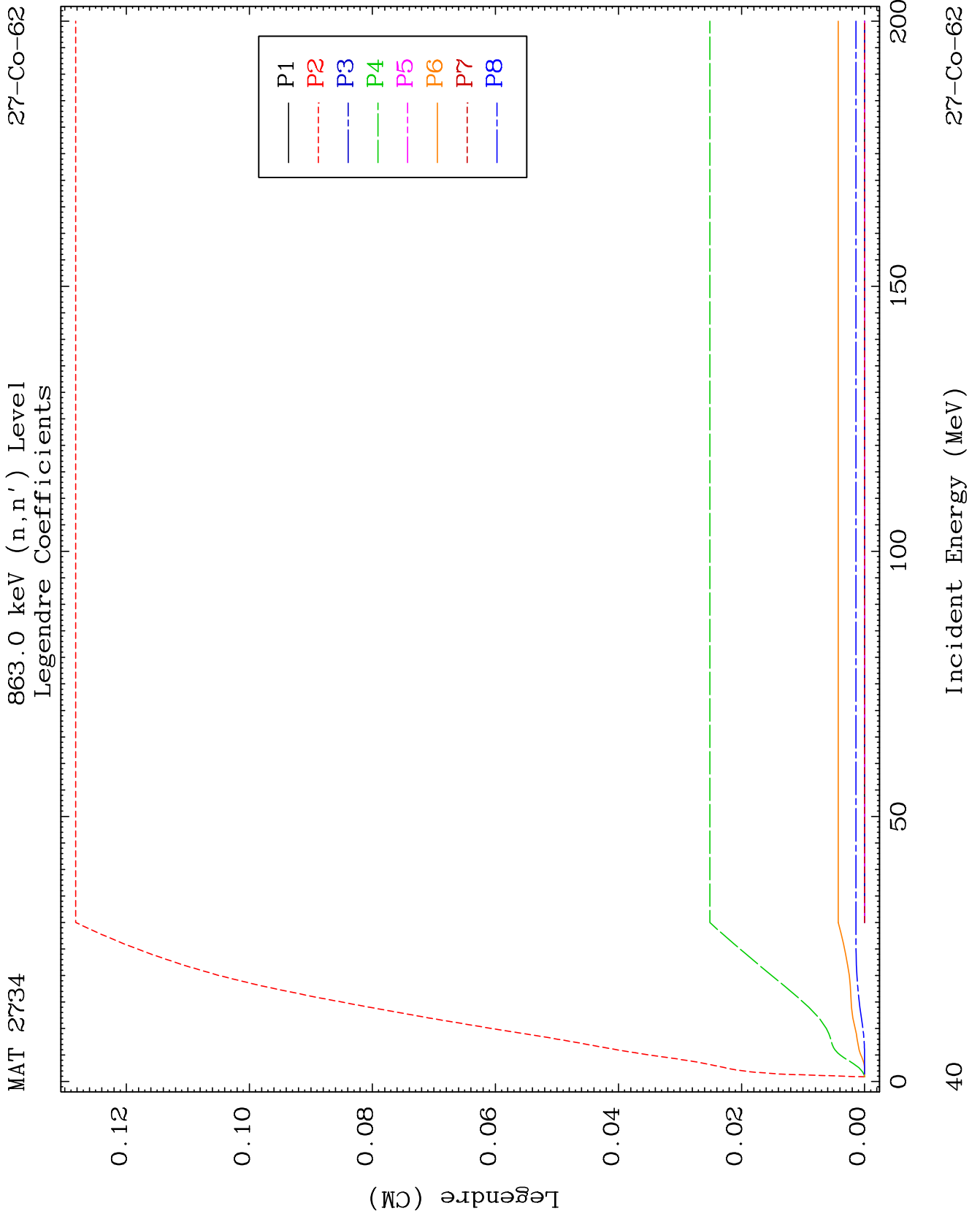
706.0 keV (n,n') Level
Legendre Coefficients

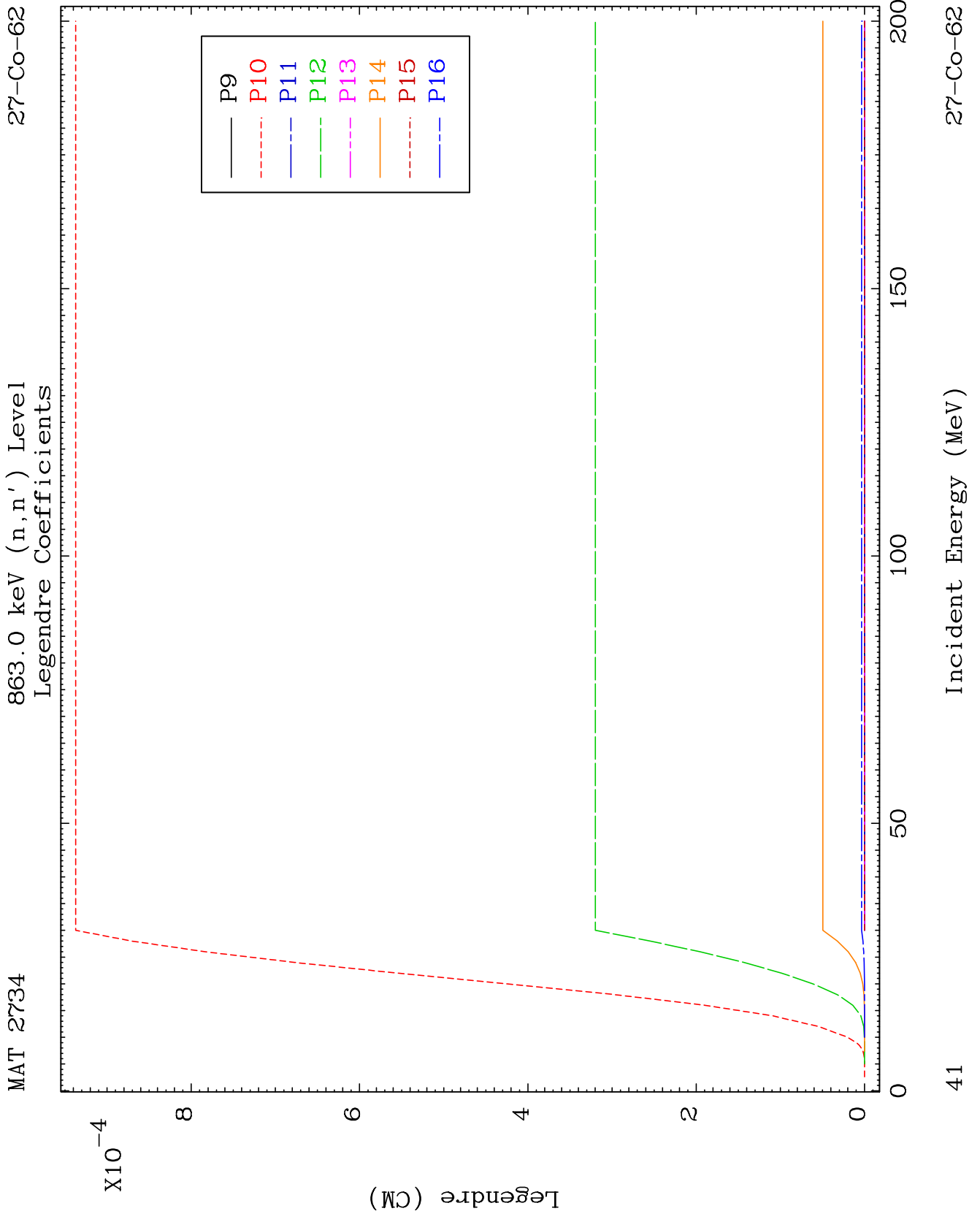
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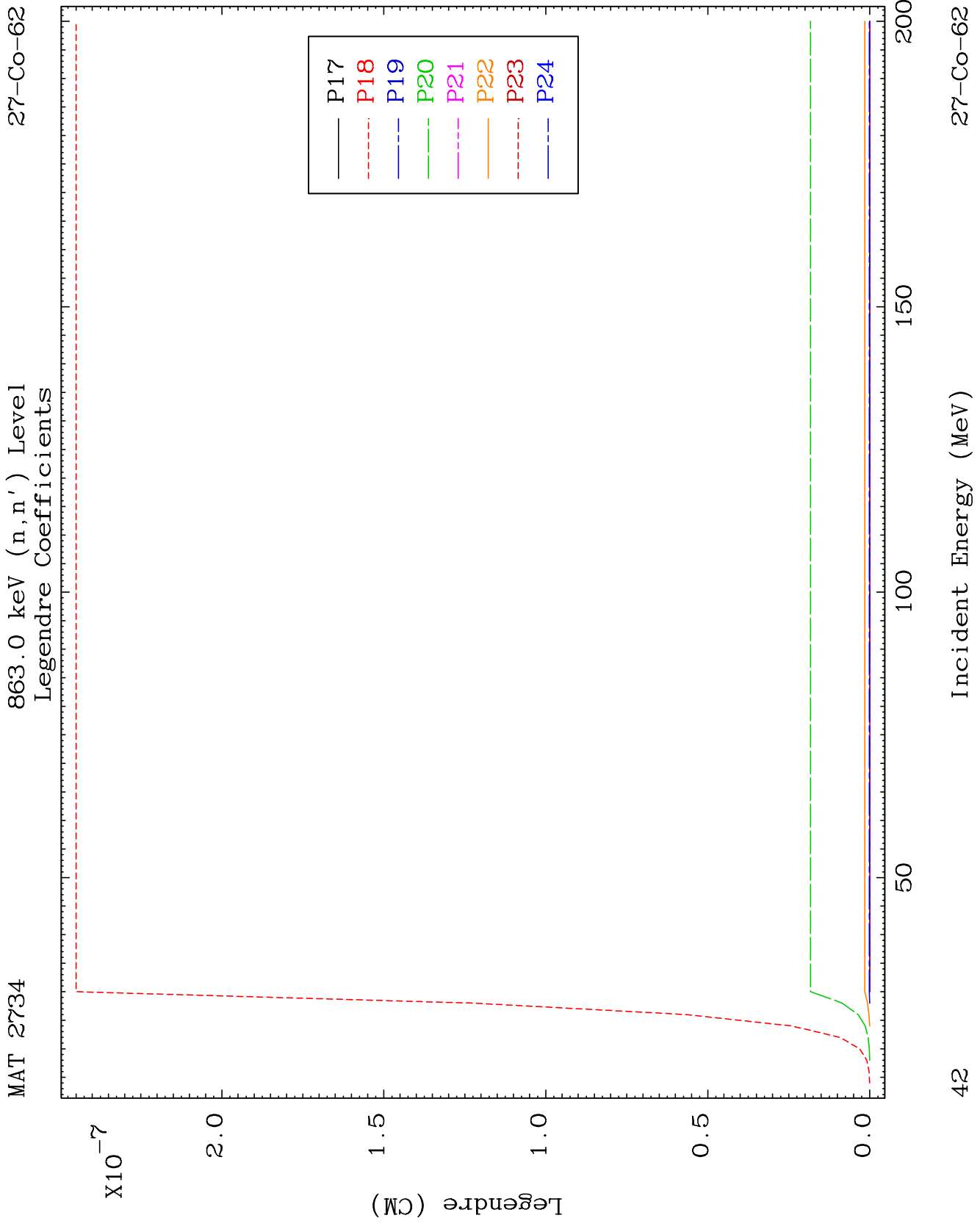


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27-Co-62



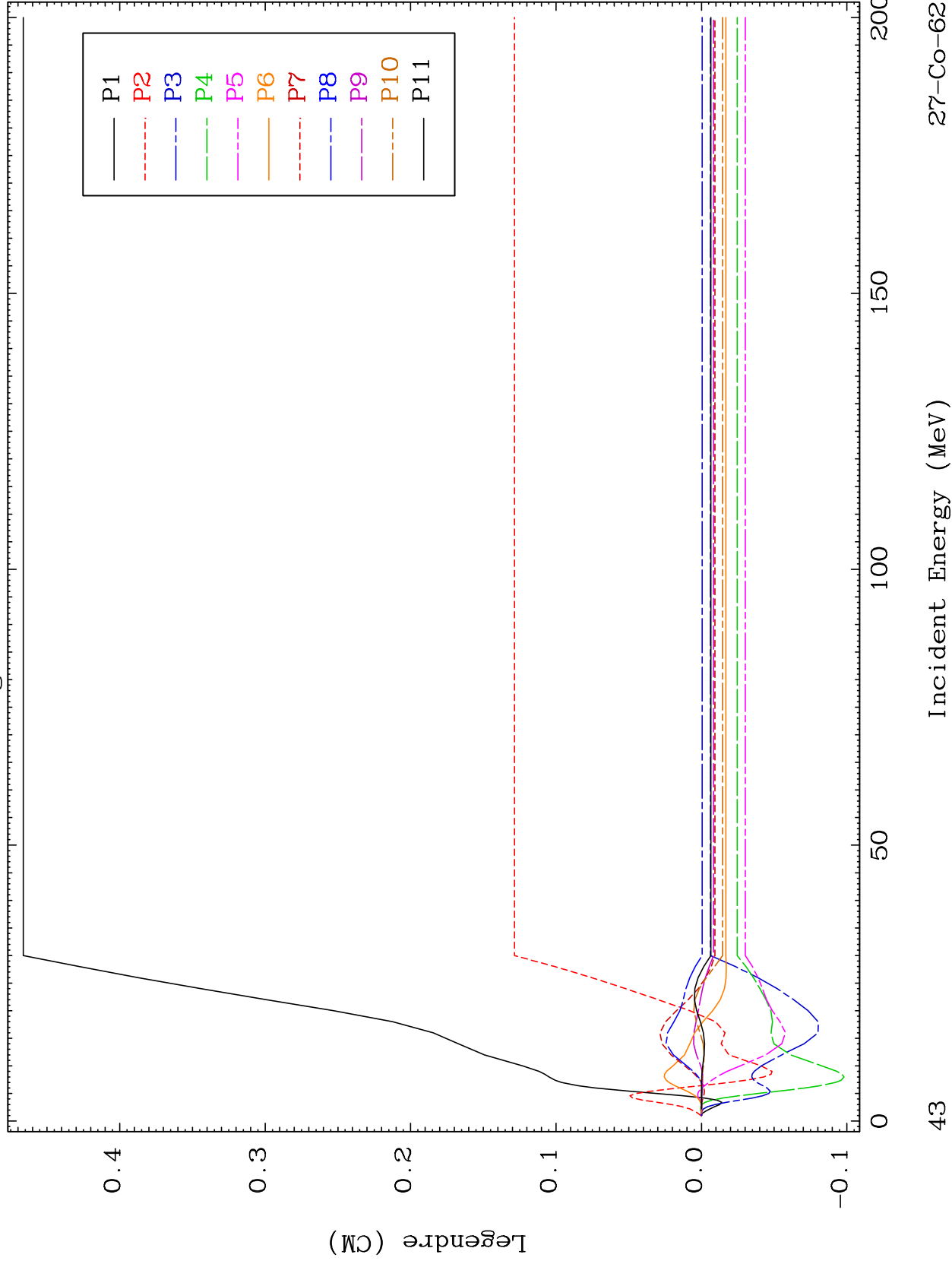




MAT 2734

901.0 keV (n,n') Level
Legendre Coefficients

27-Co-62



27-Co-62

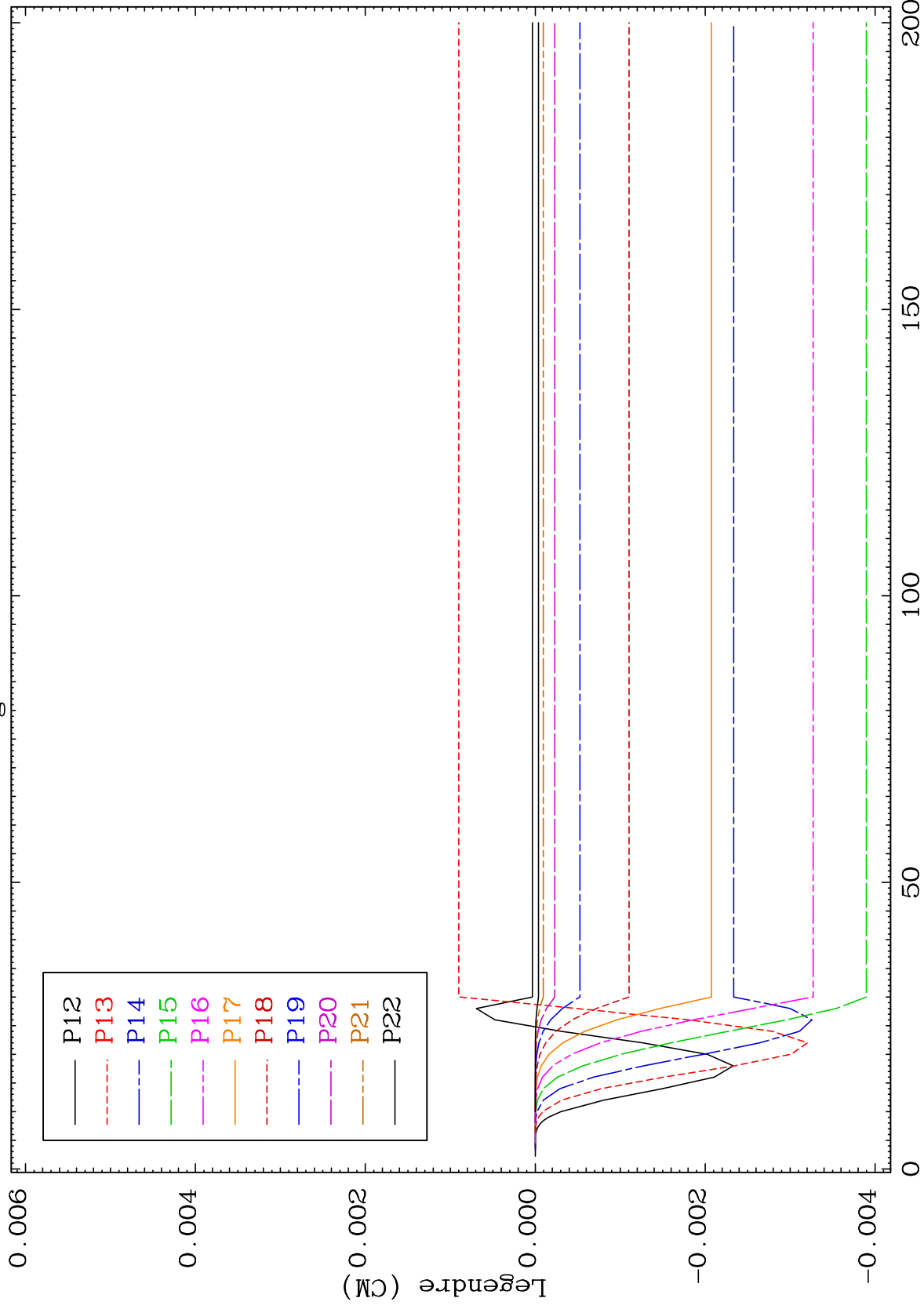
Incident Energy (MeV)

43

MAT 2734

901.0 keV (n,n') Level
Legendre Coefficients

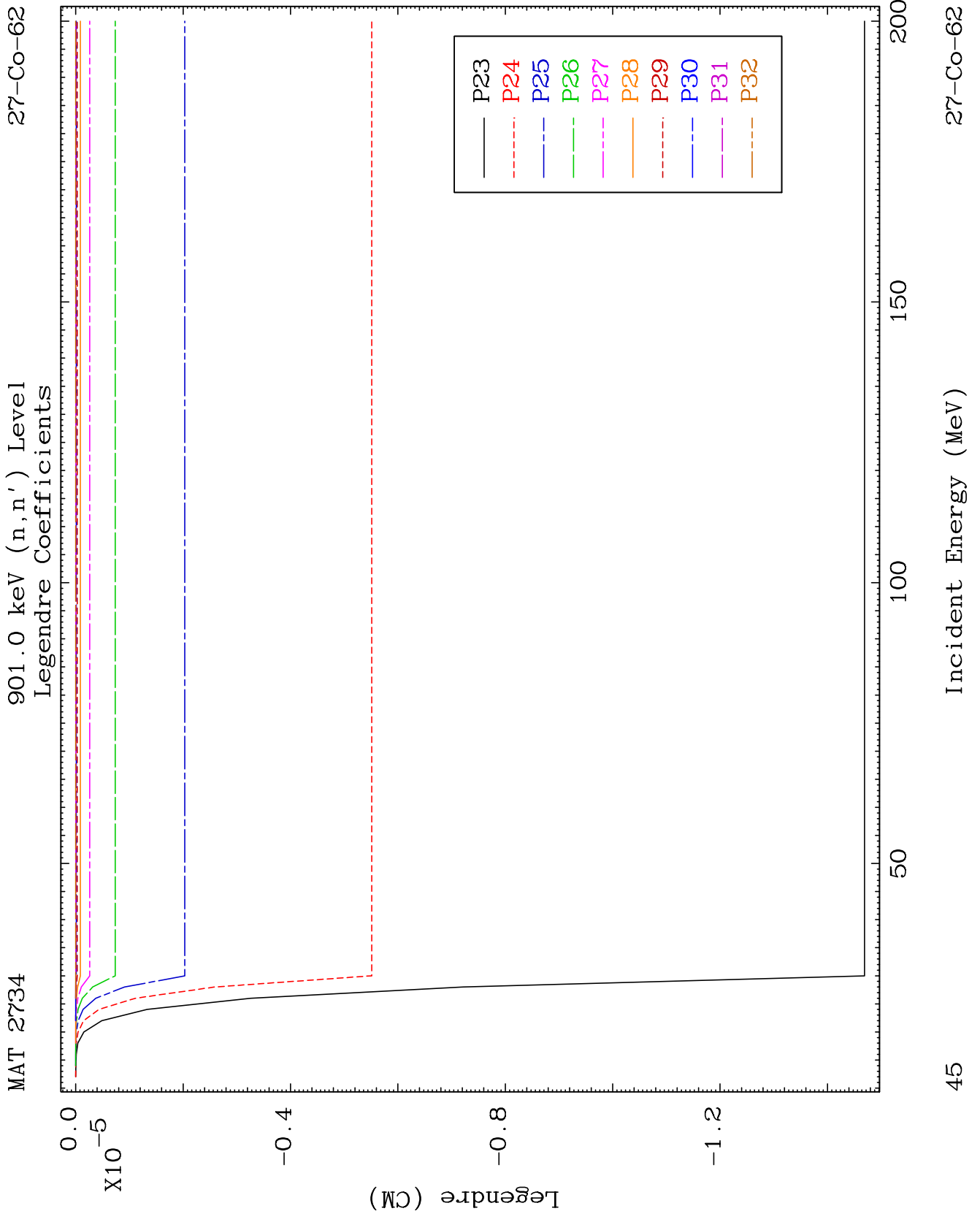
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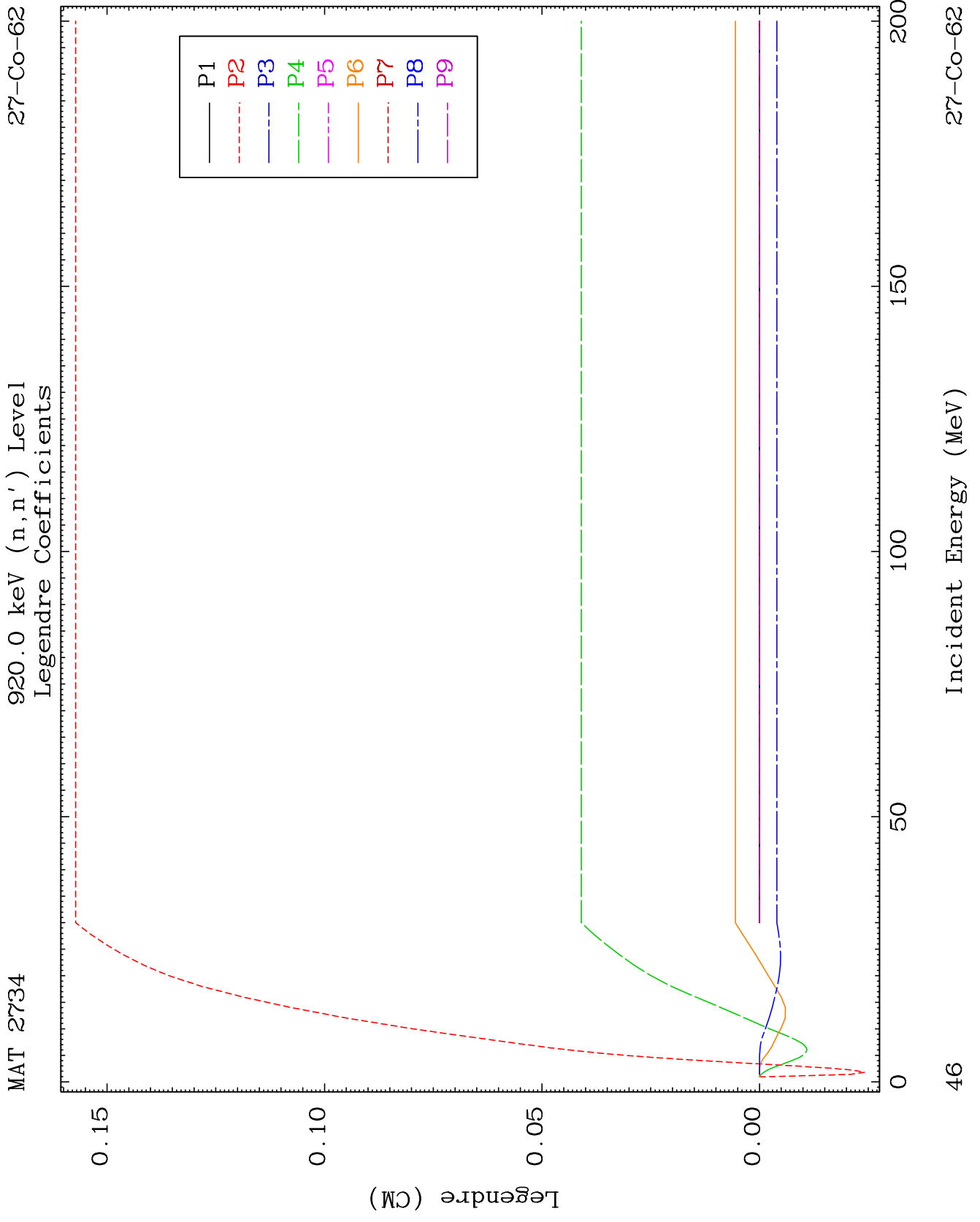


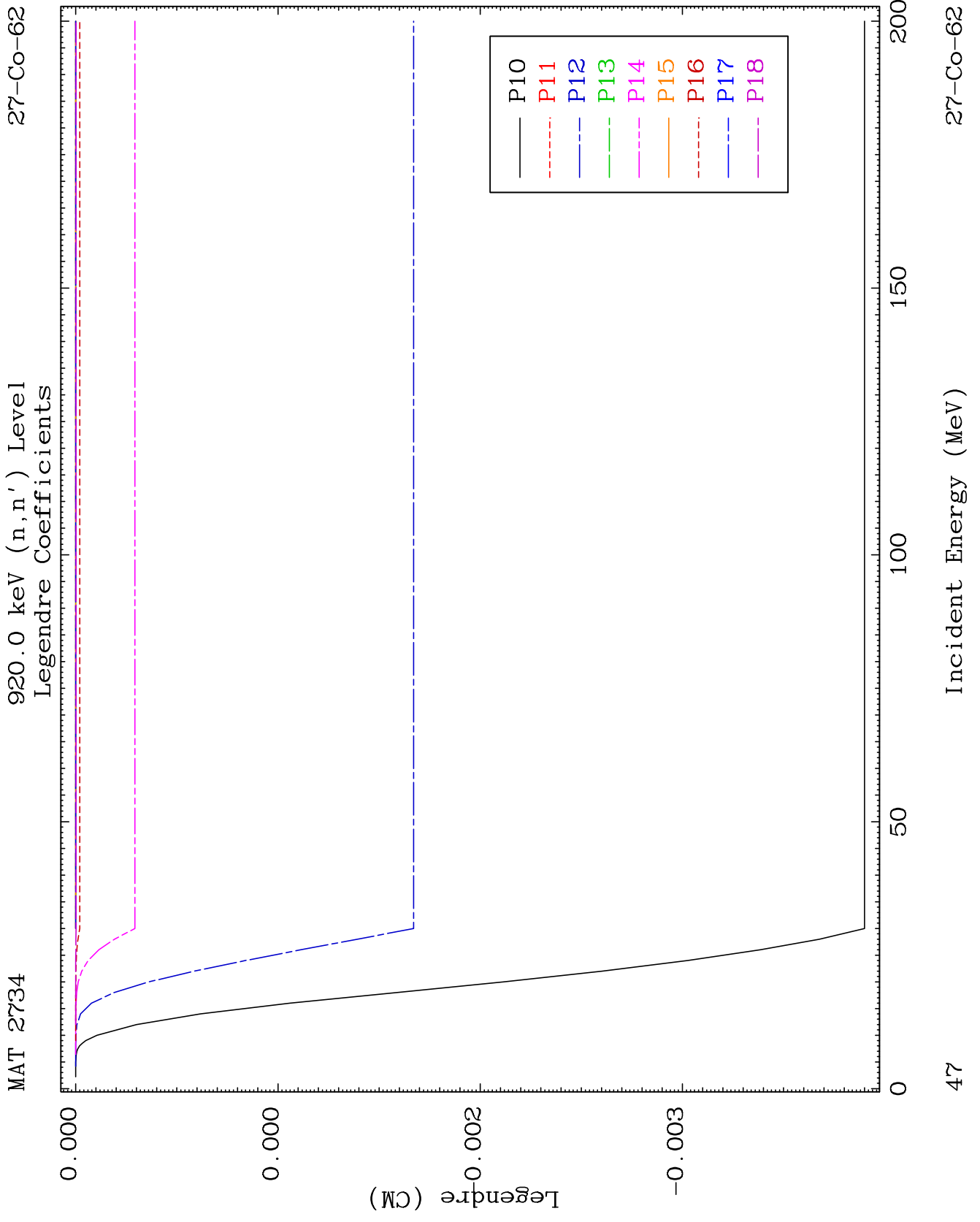
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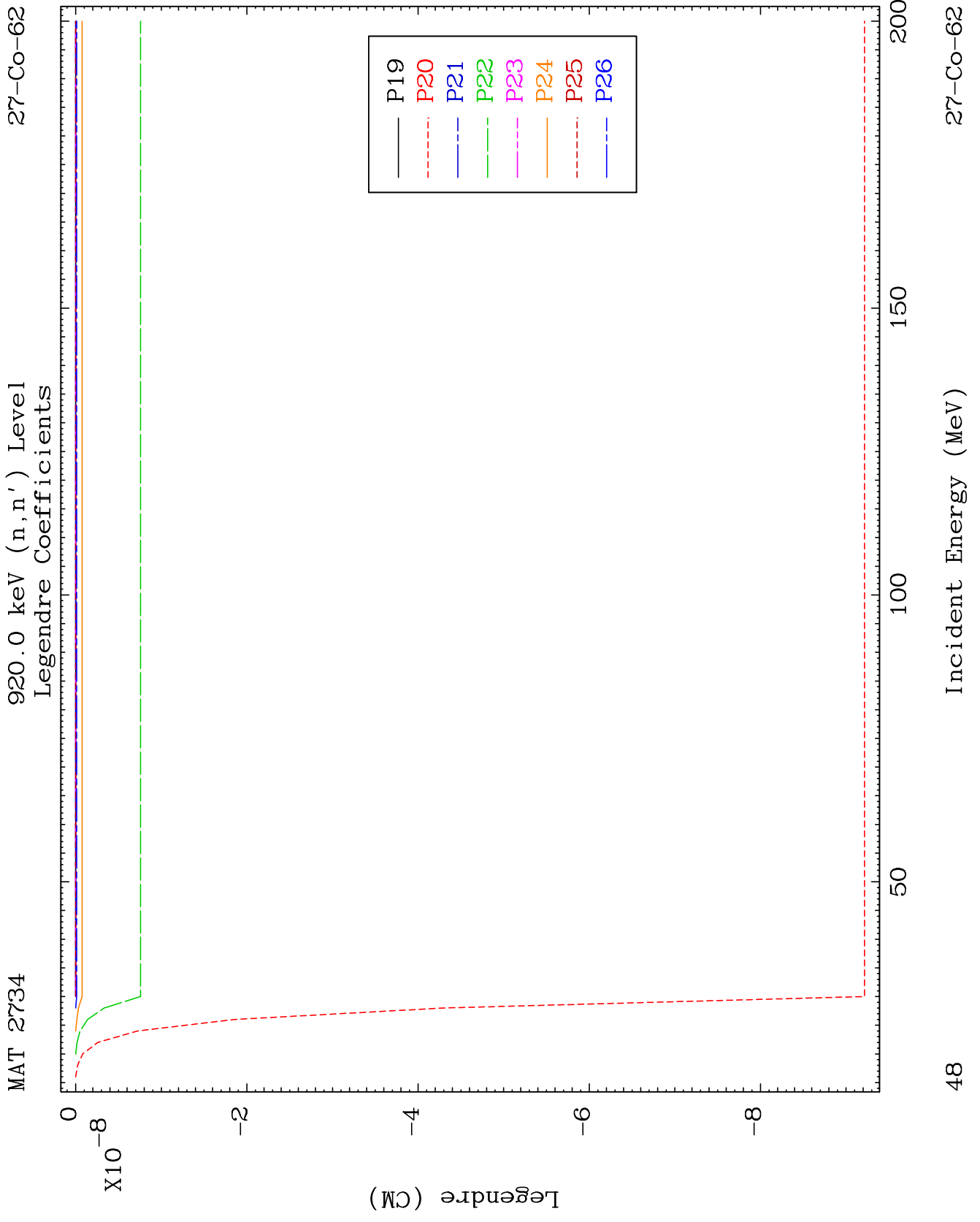
Incident Energy (MeV)

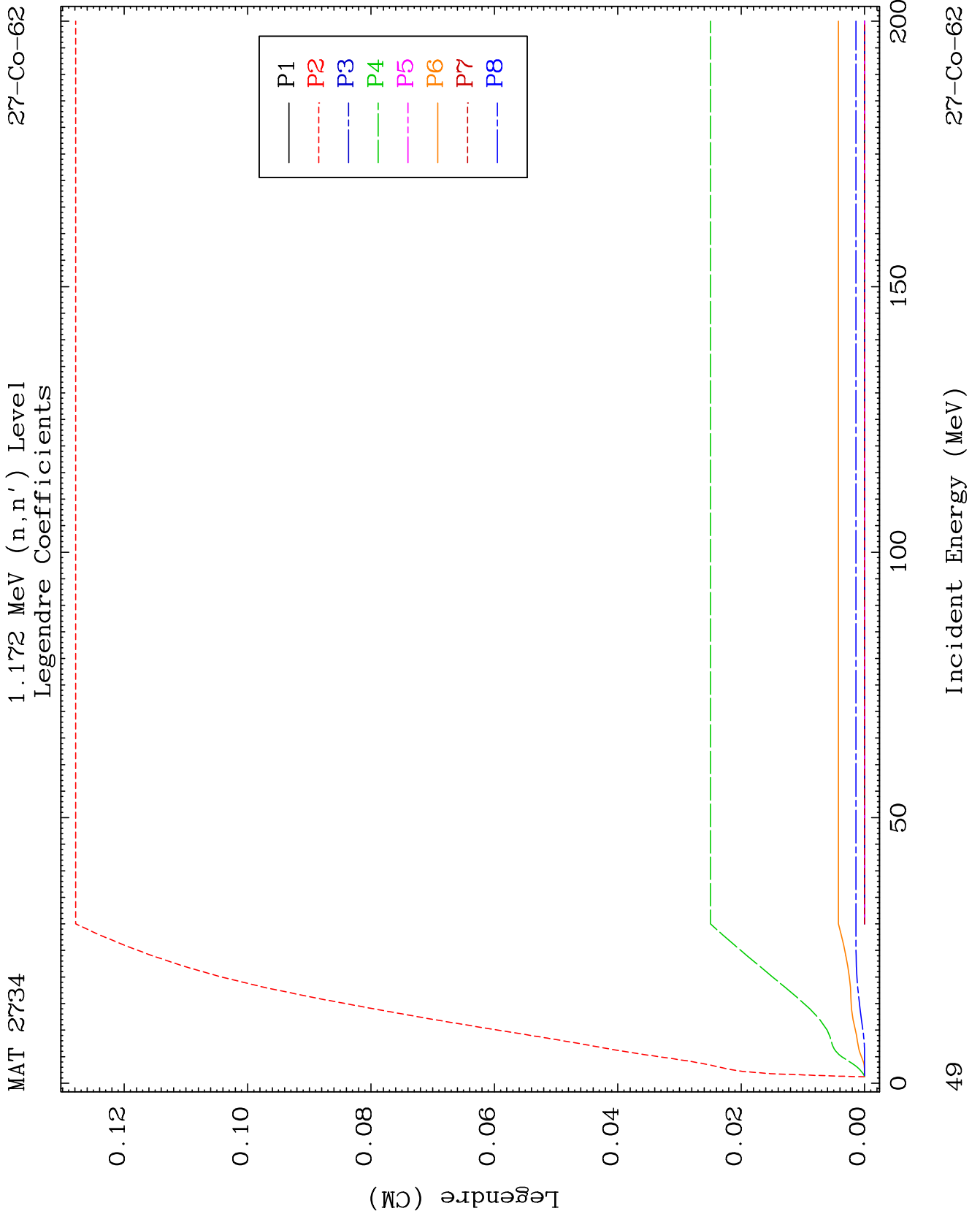
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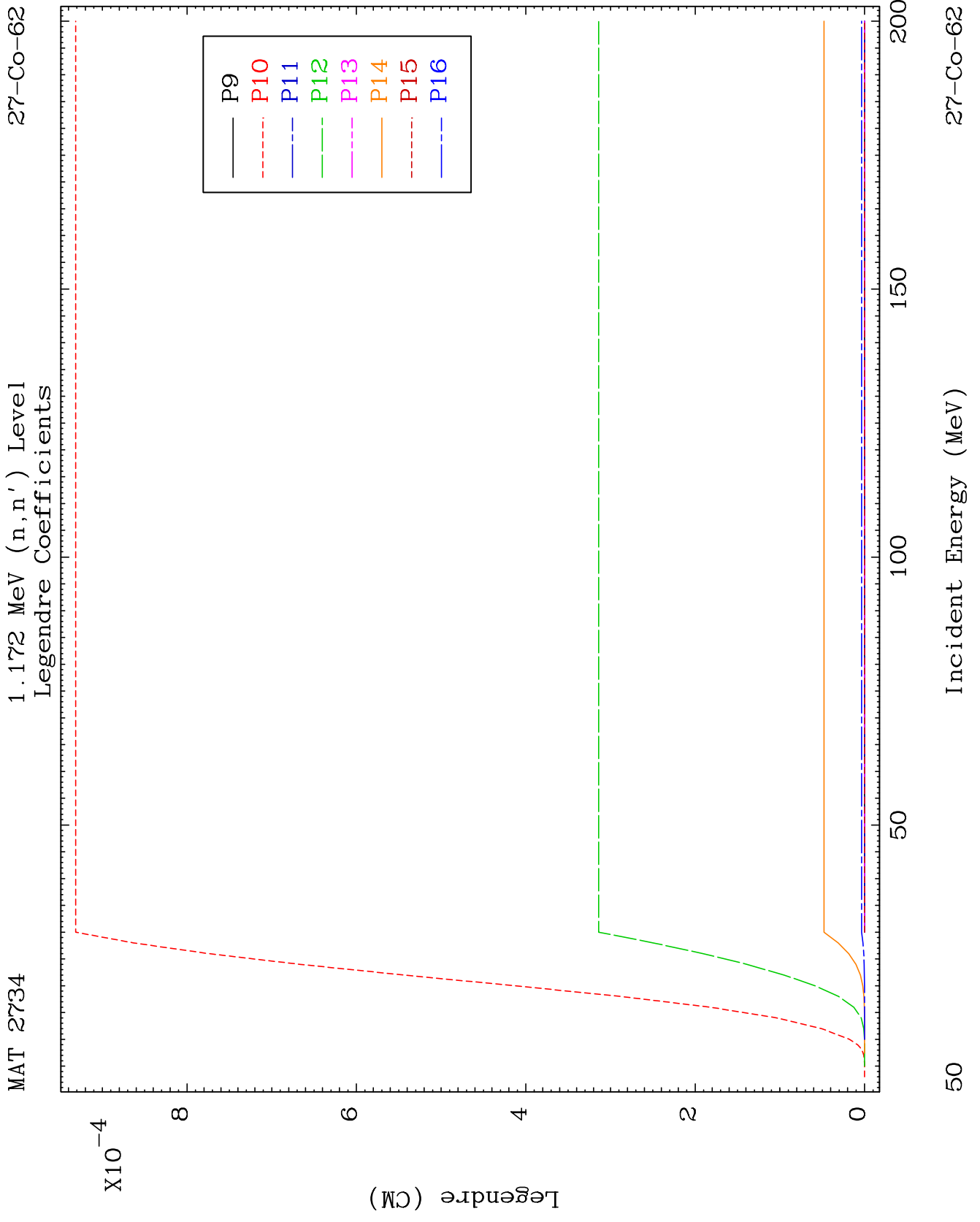


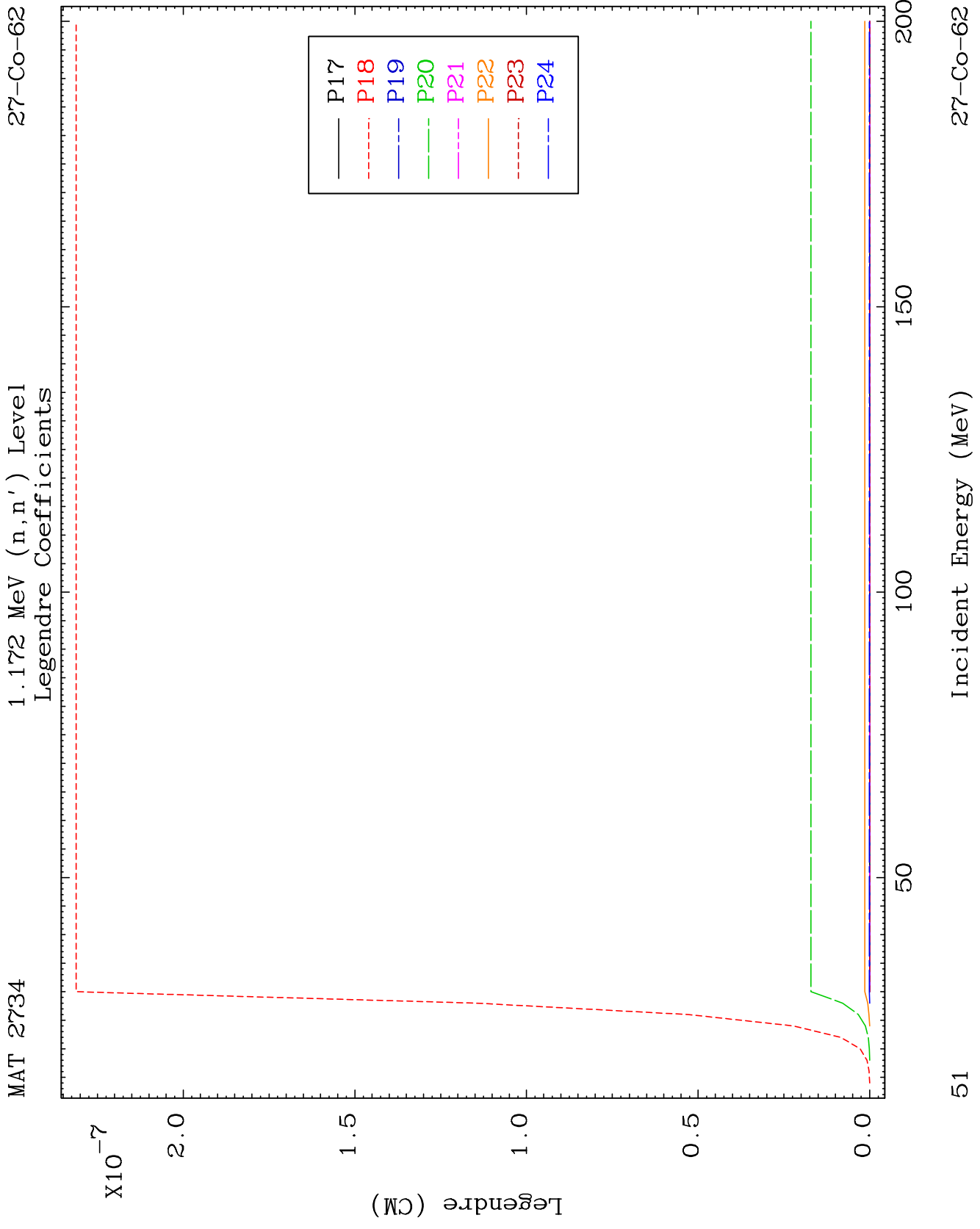








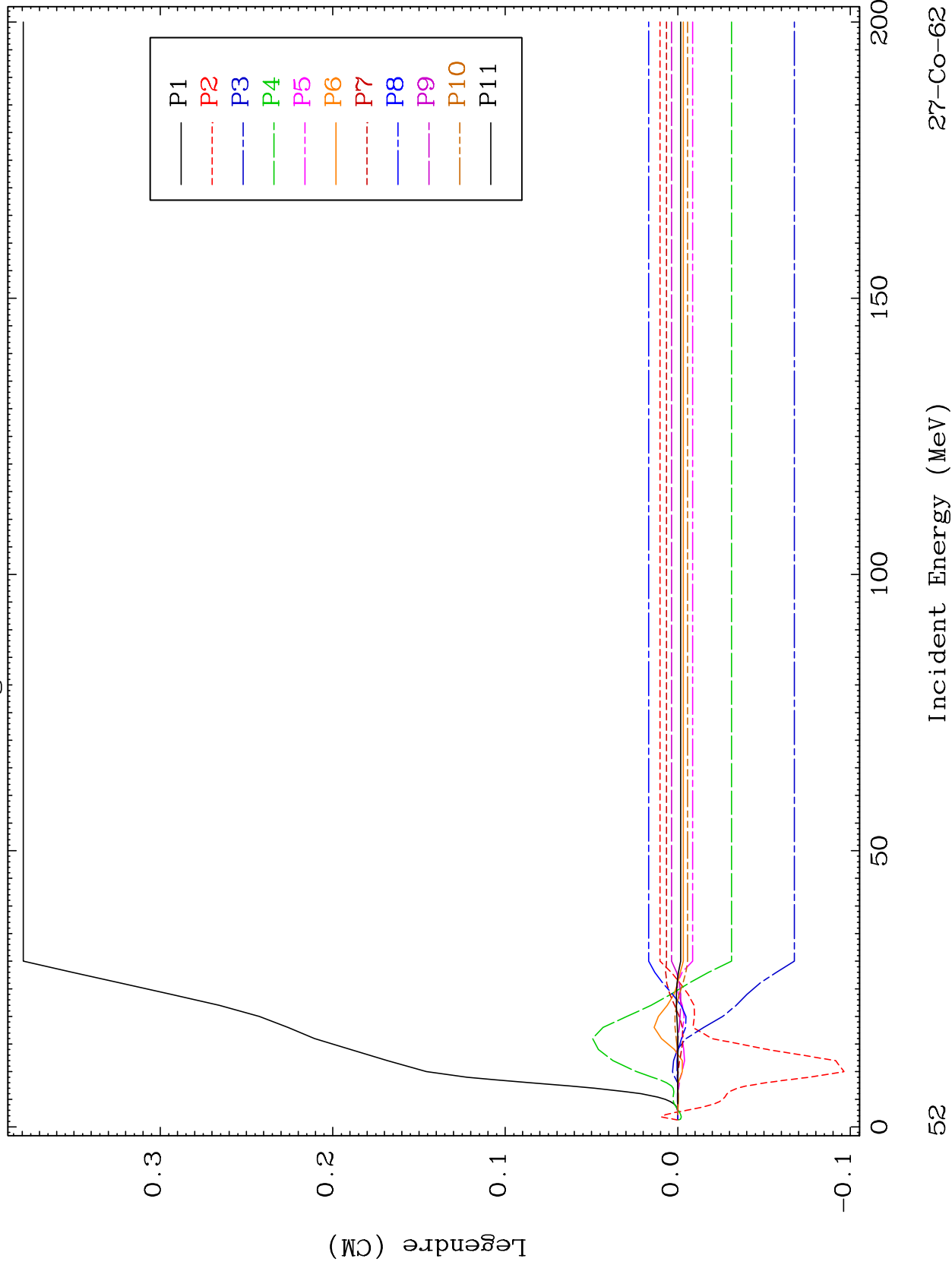




MAT 2734

1.216 MeV (n,n') Level
Legendre Coefficients

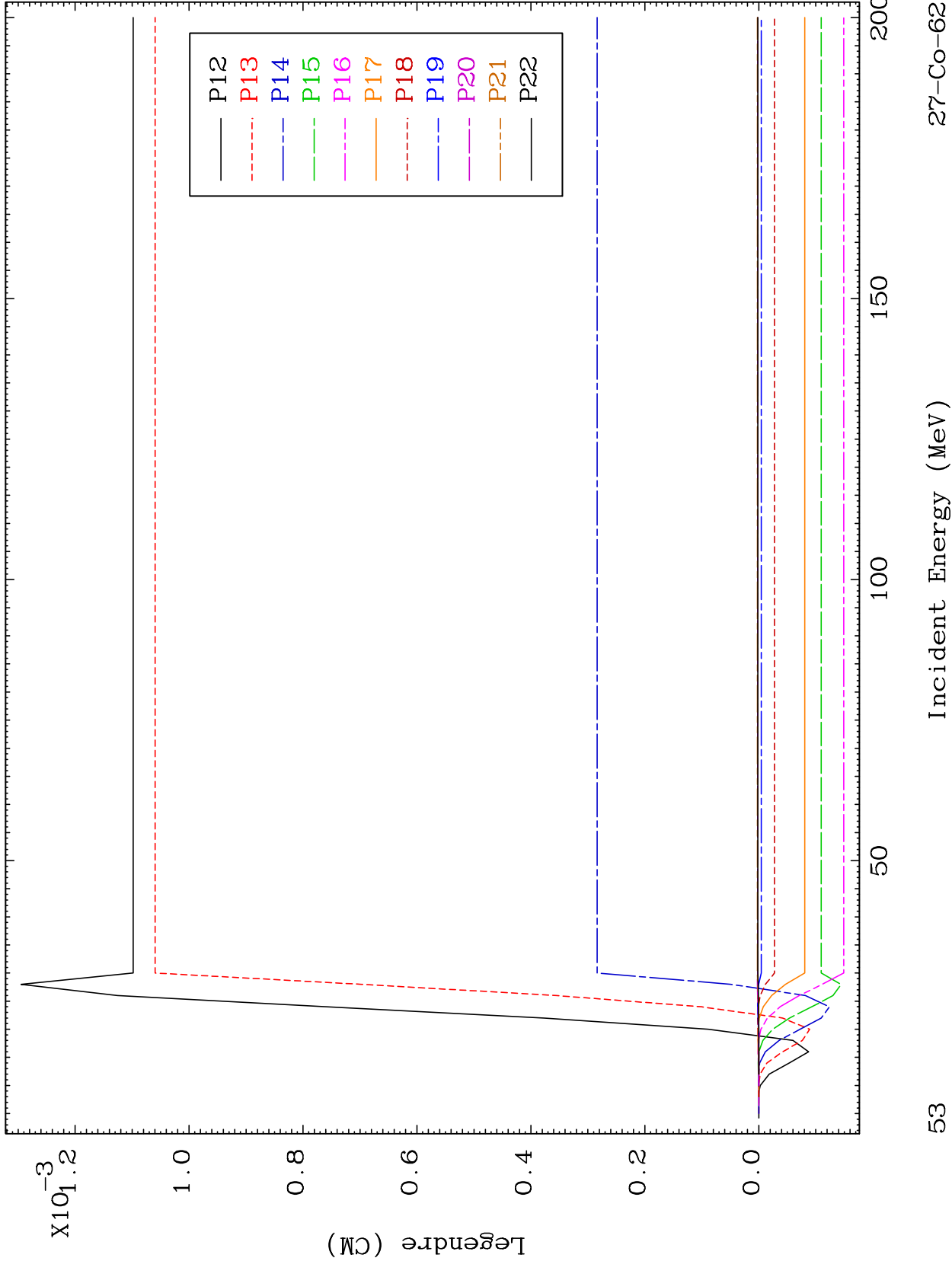
27-Co-62



27-Co-62

Incident Energy (MeV)

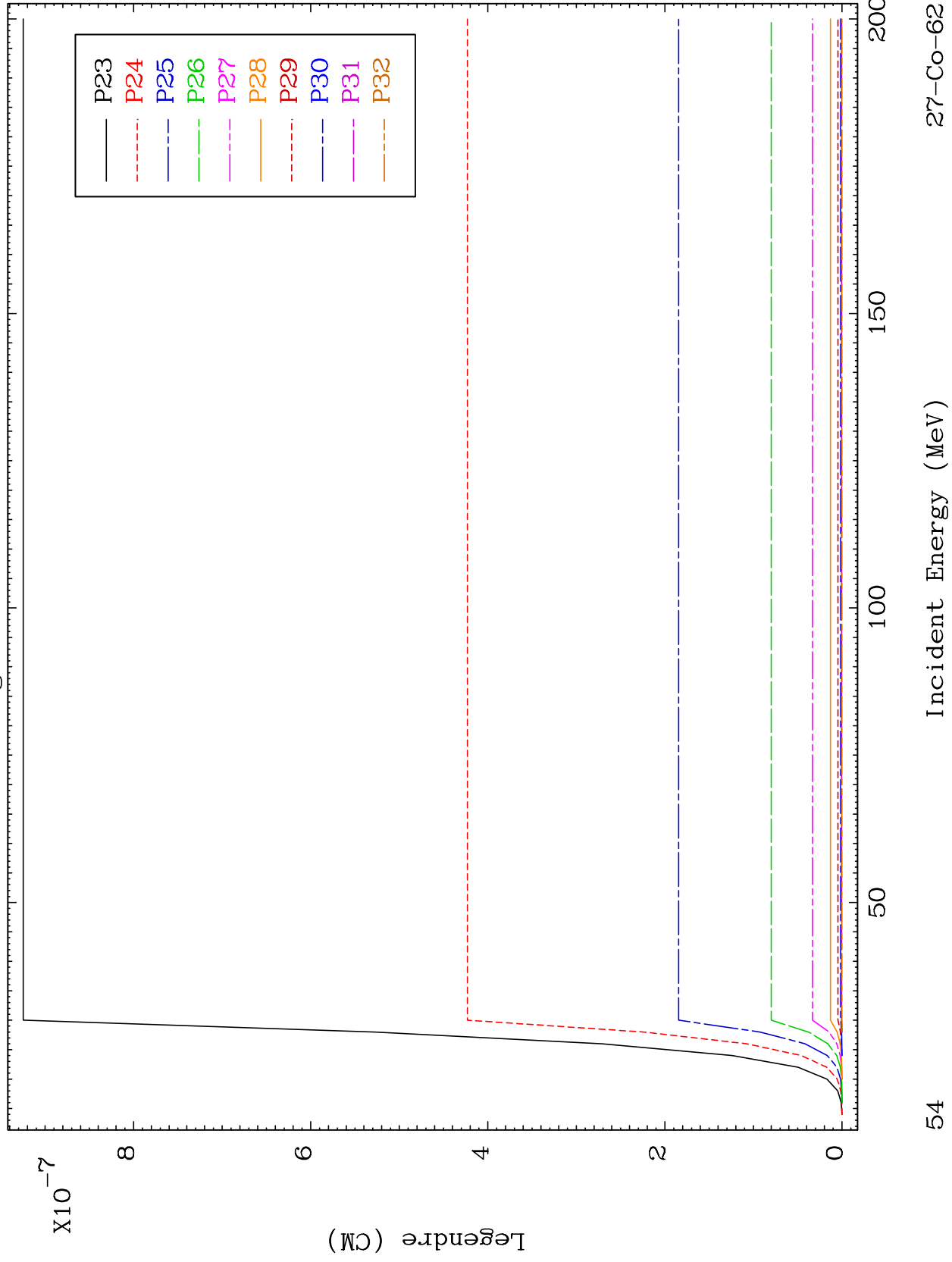
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MAT 2734

1.216 MeV (n,n') Level
Legendre Coefficients

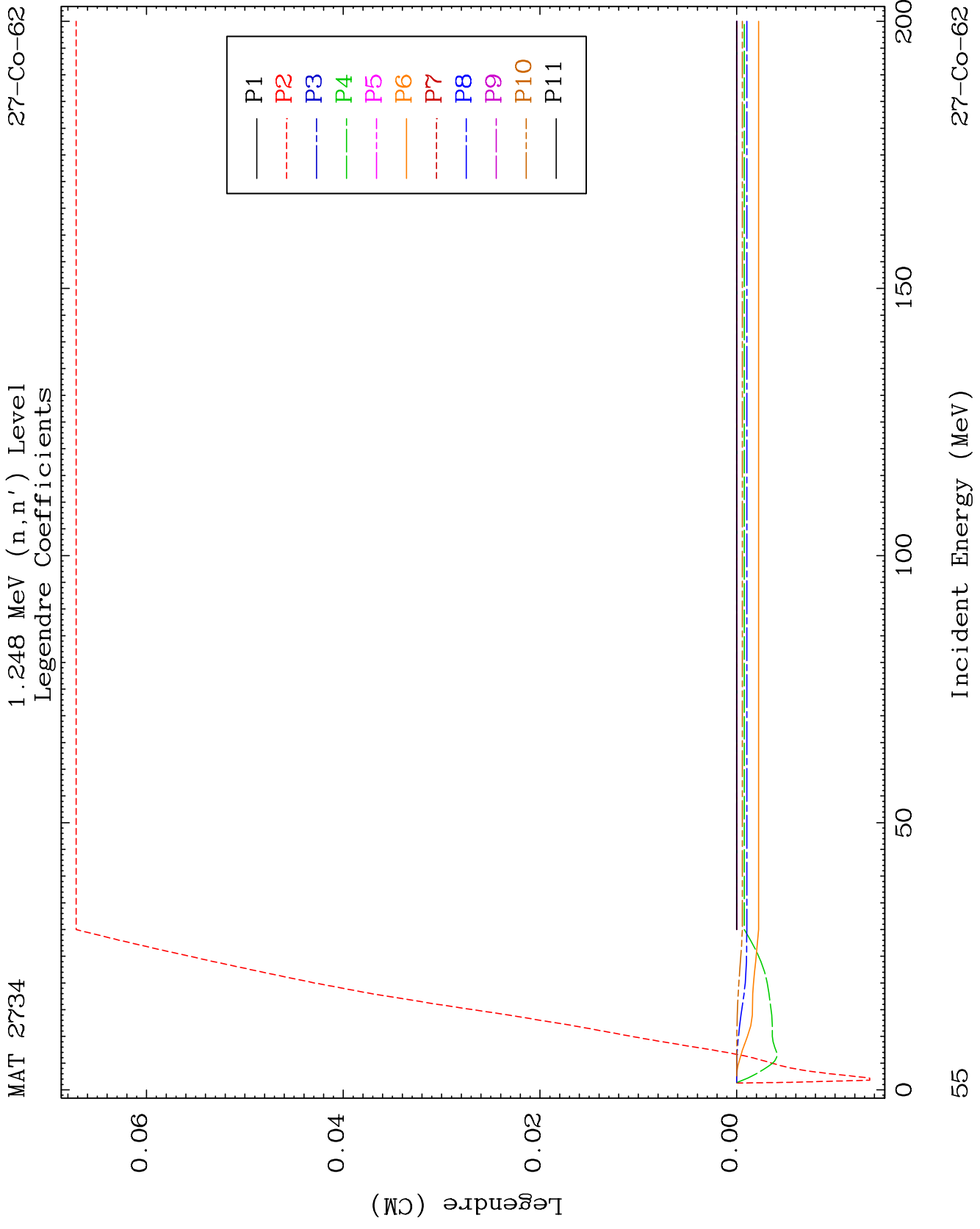
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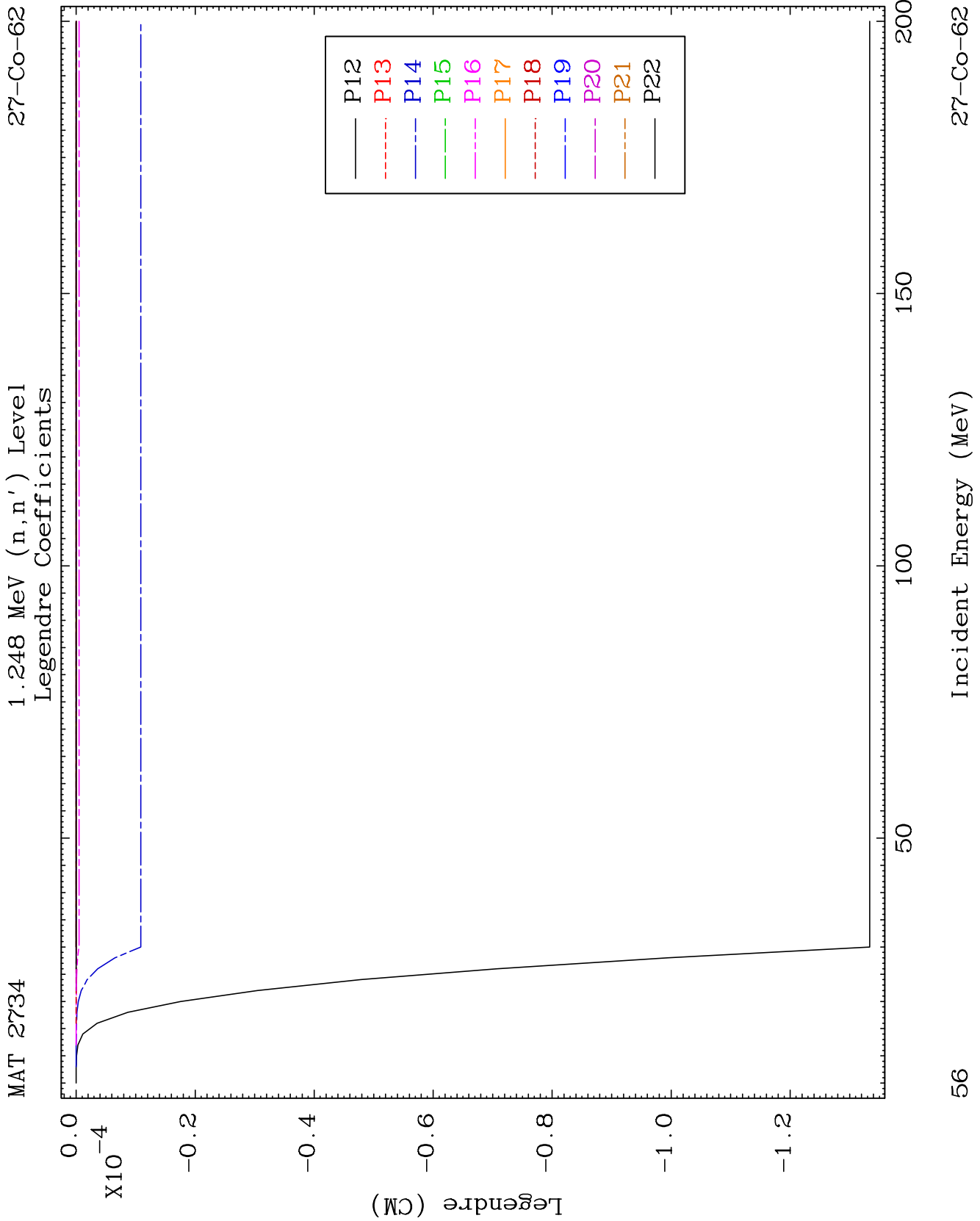


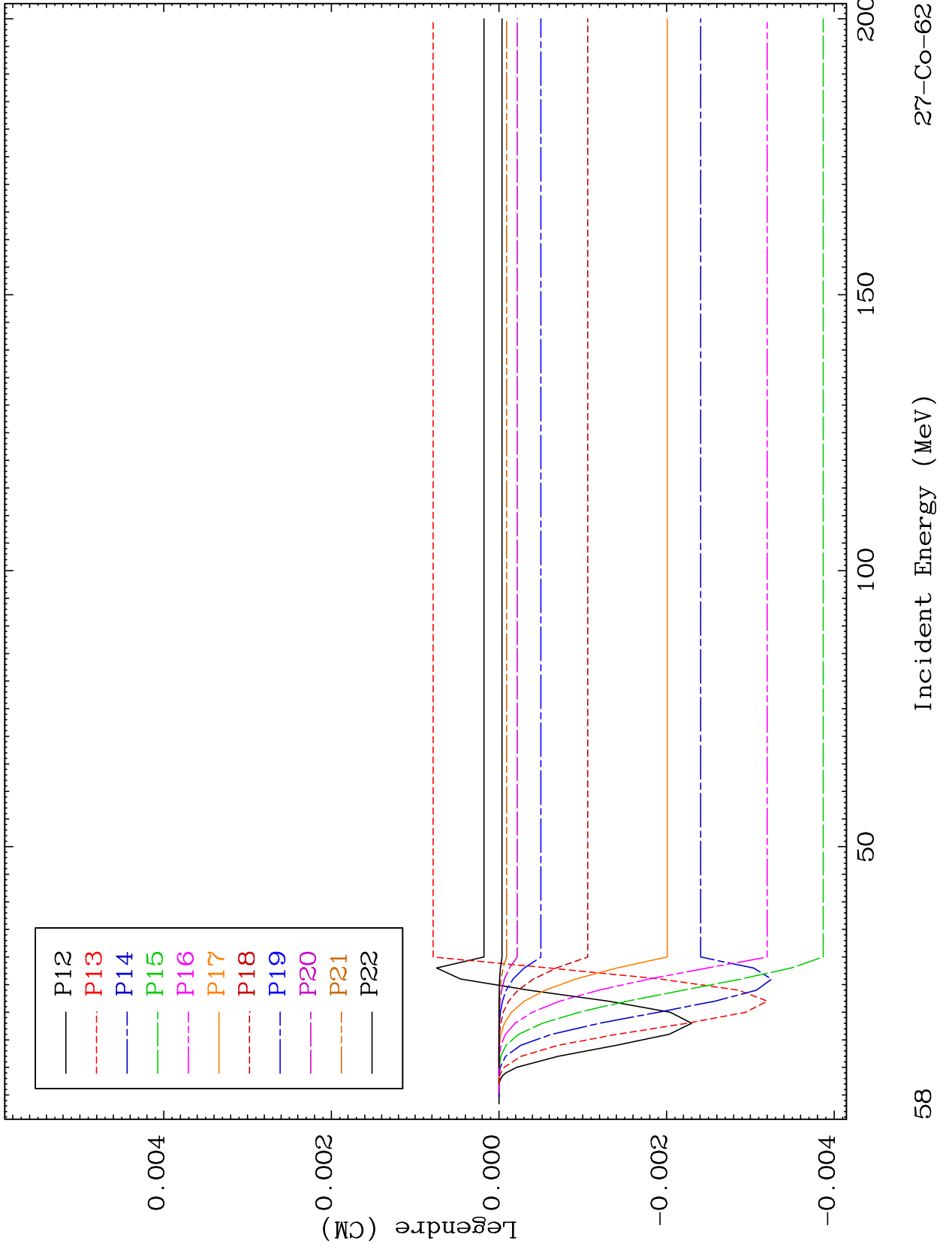
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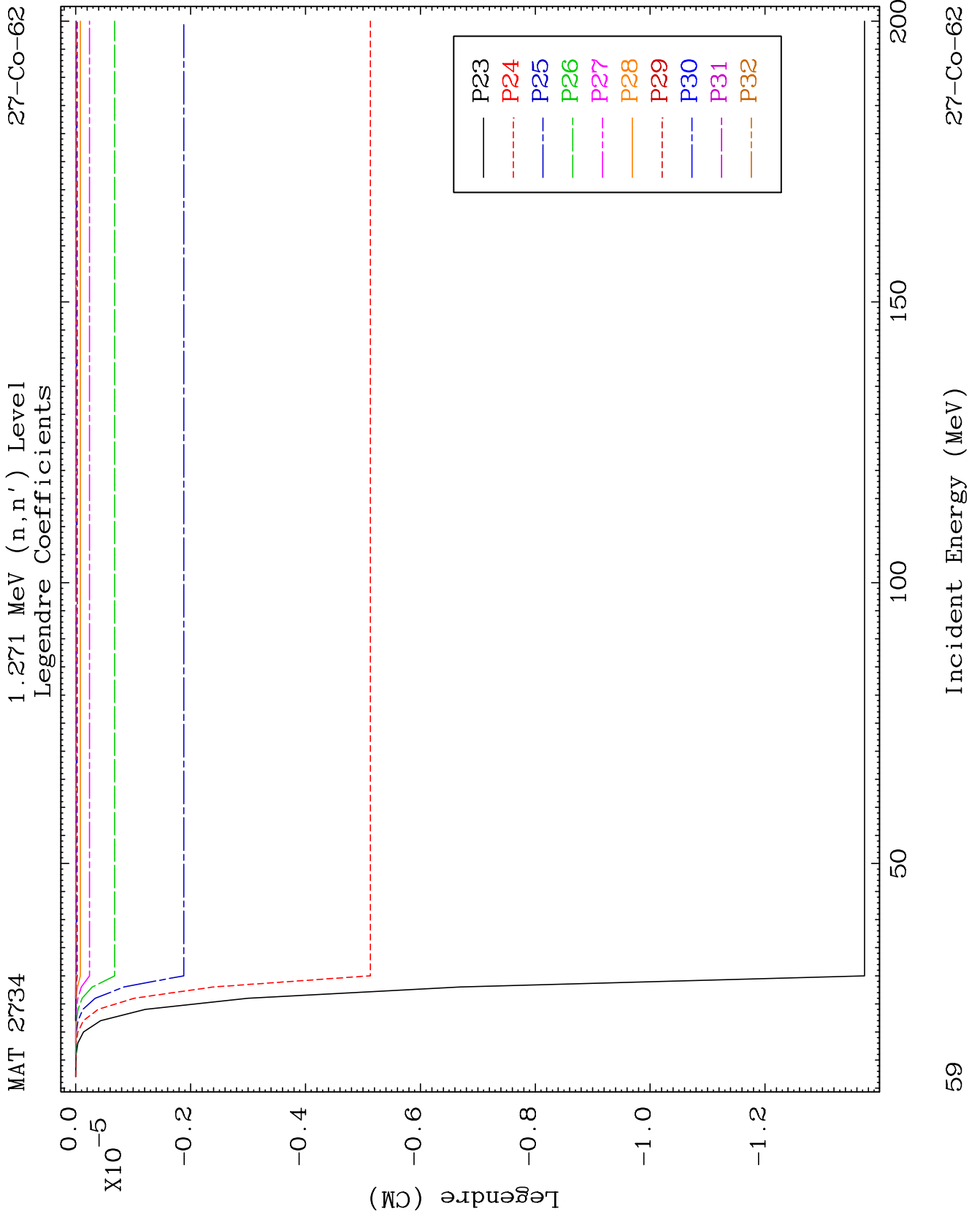
Incident Energy (MeV)

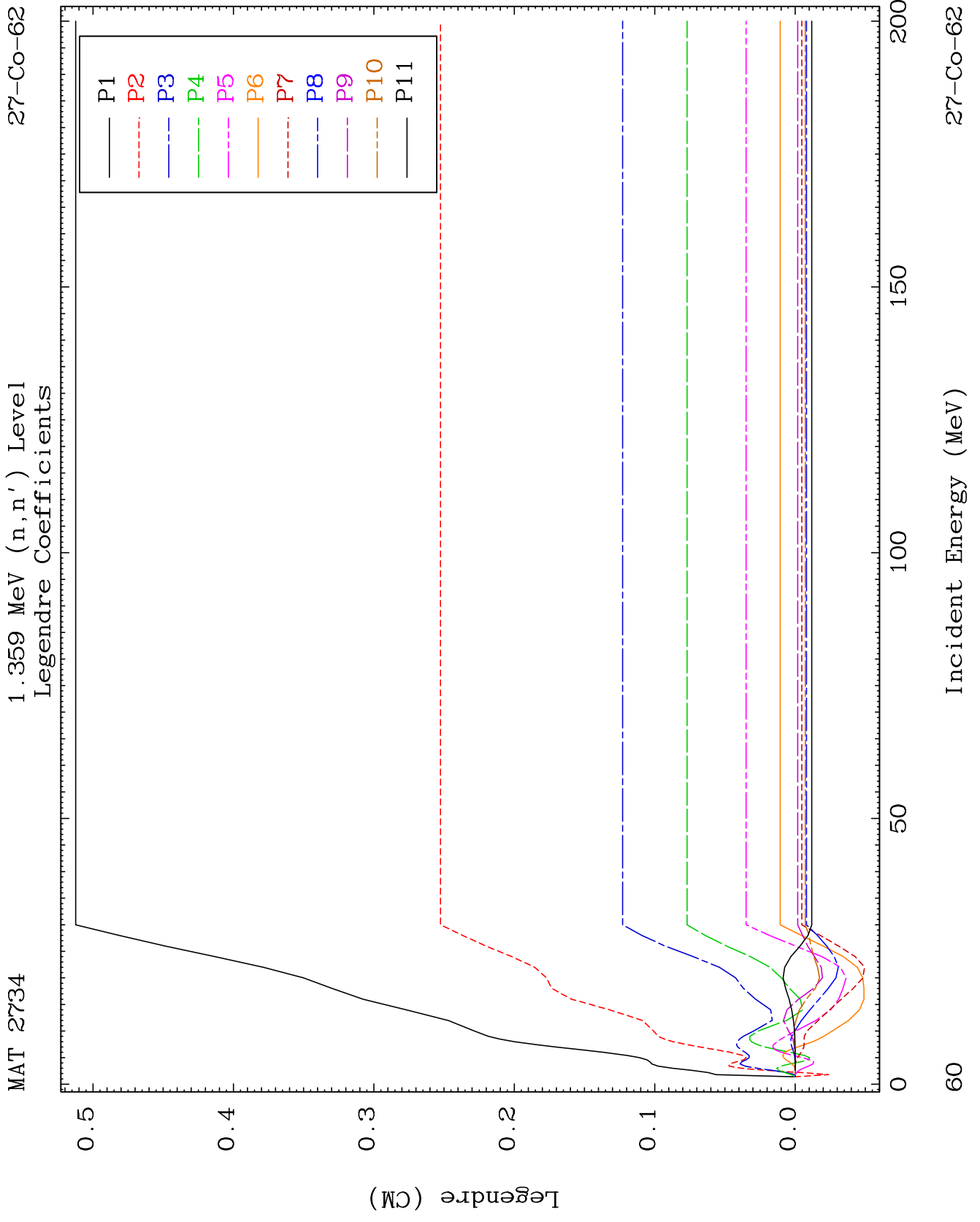
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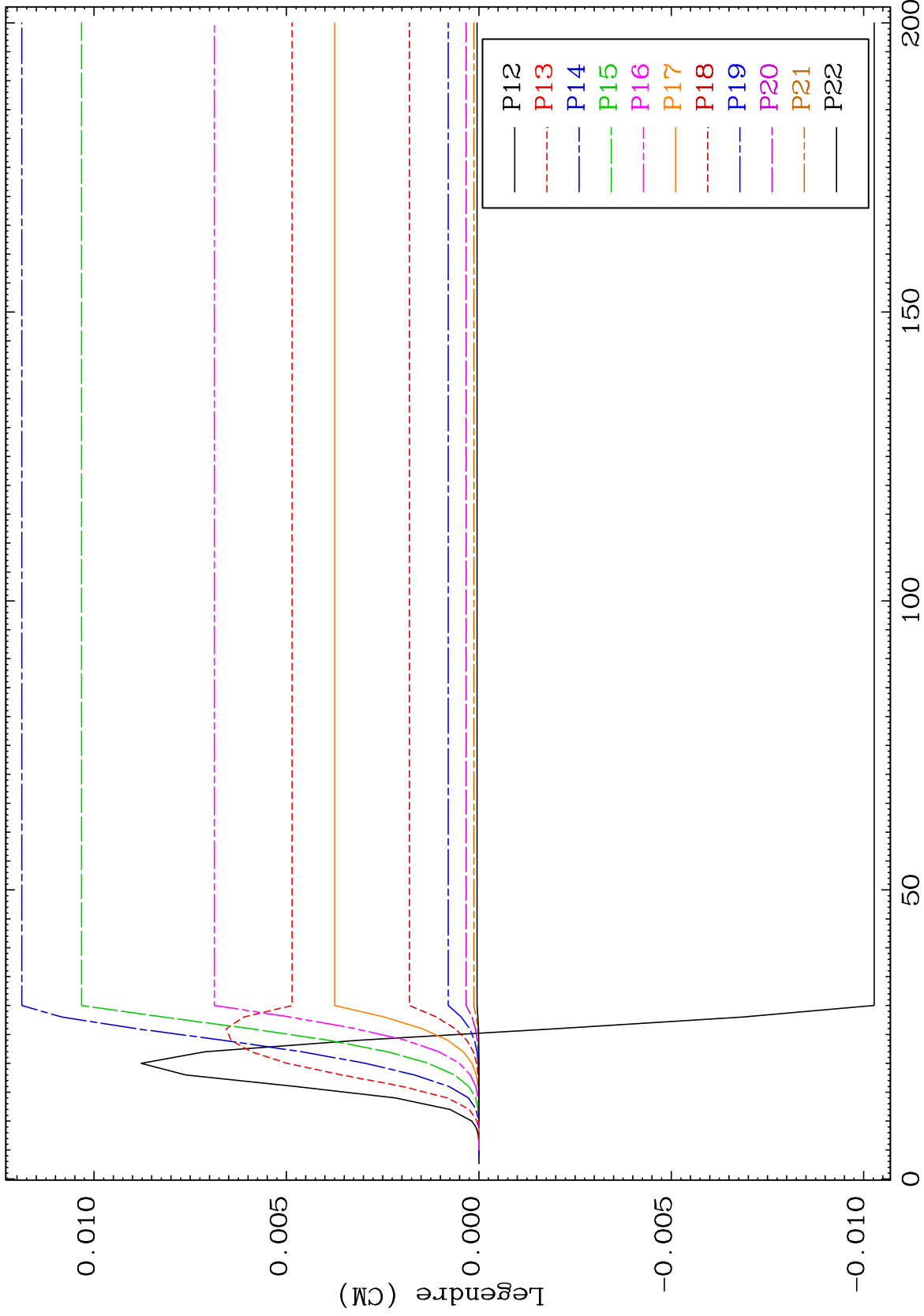








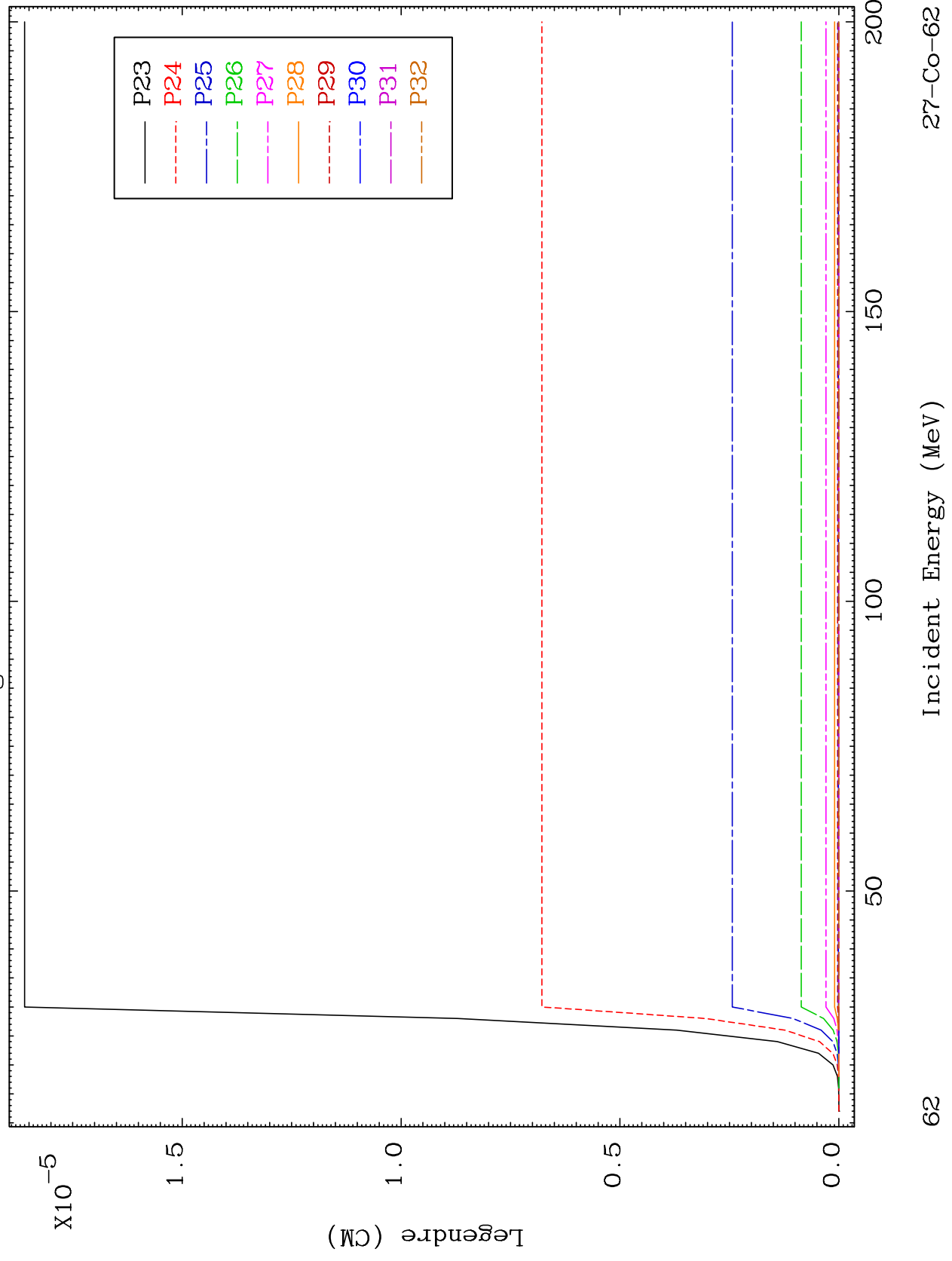




MAT 2734

1.359 MeV (n,n') Level
Legendre Coefficients

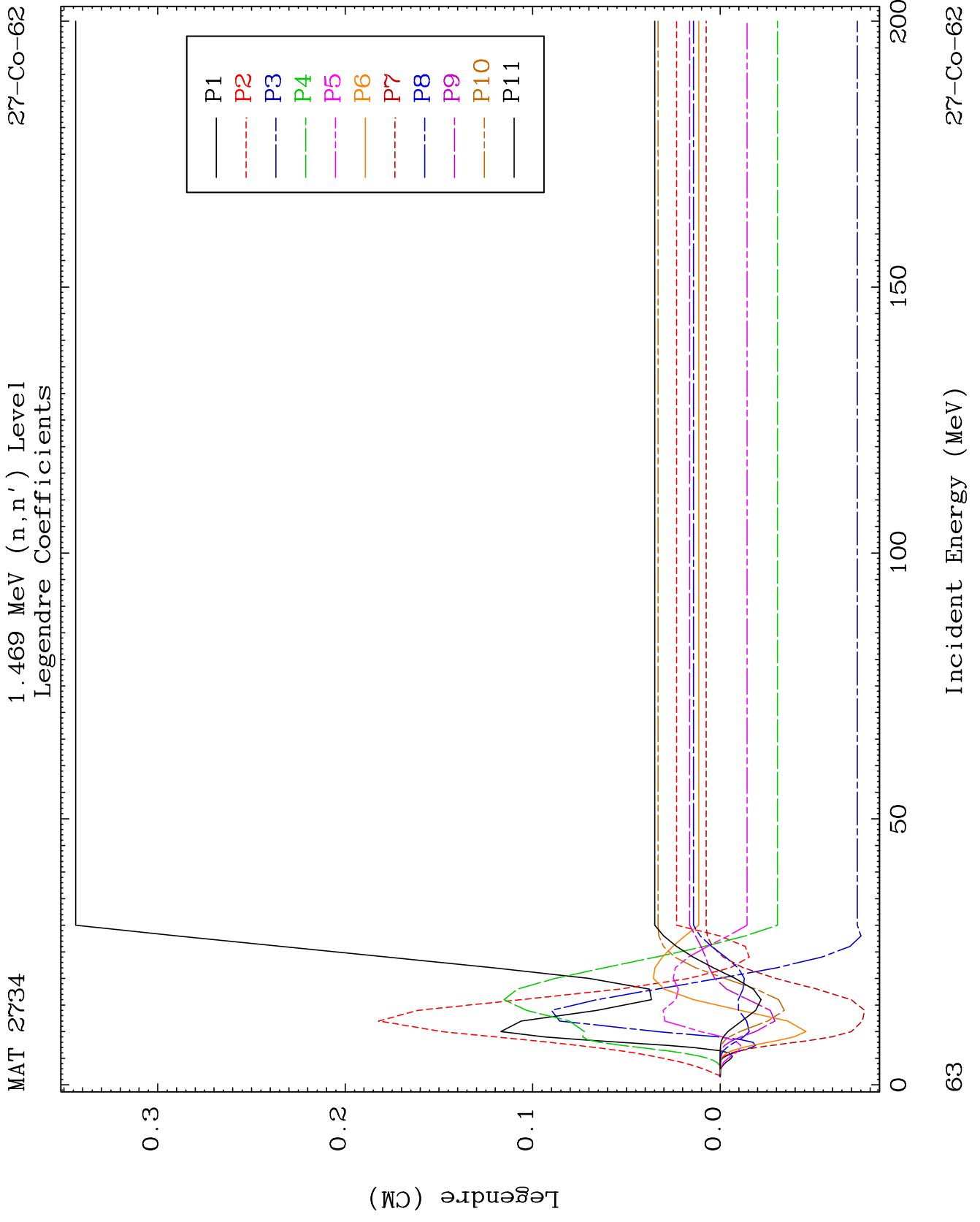
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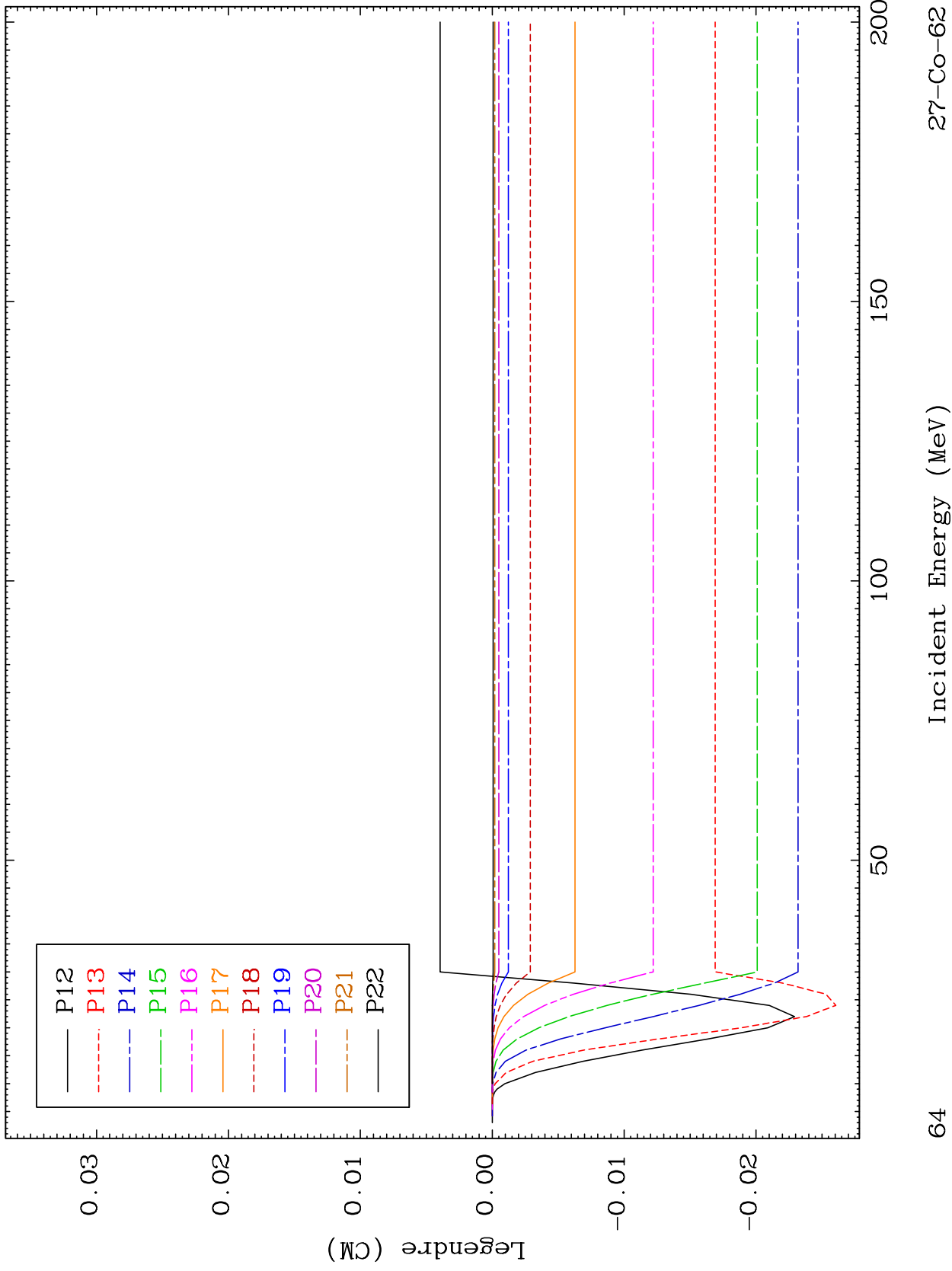


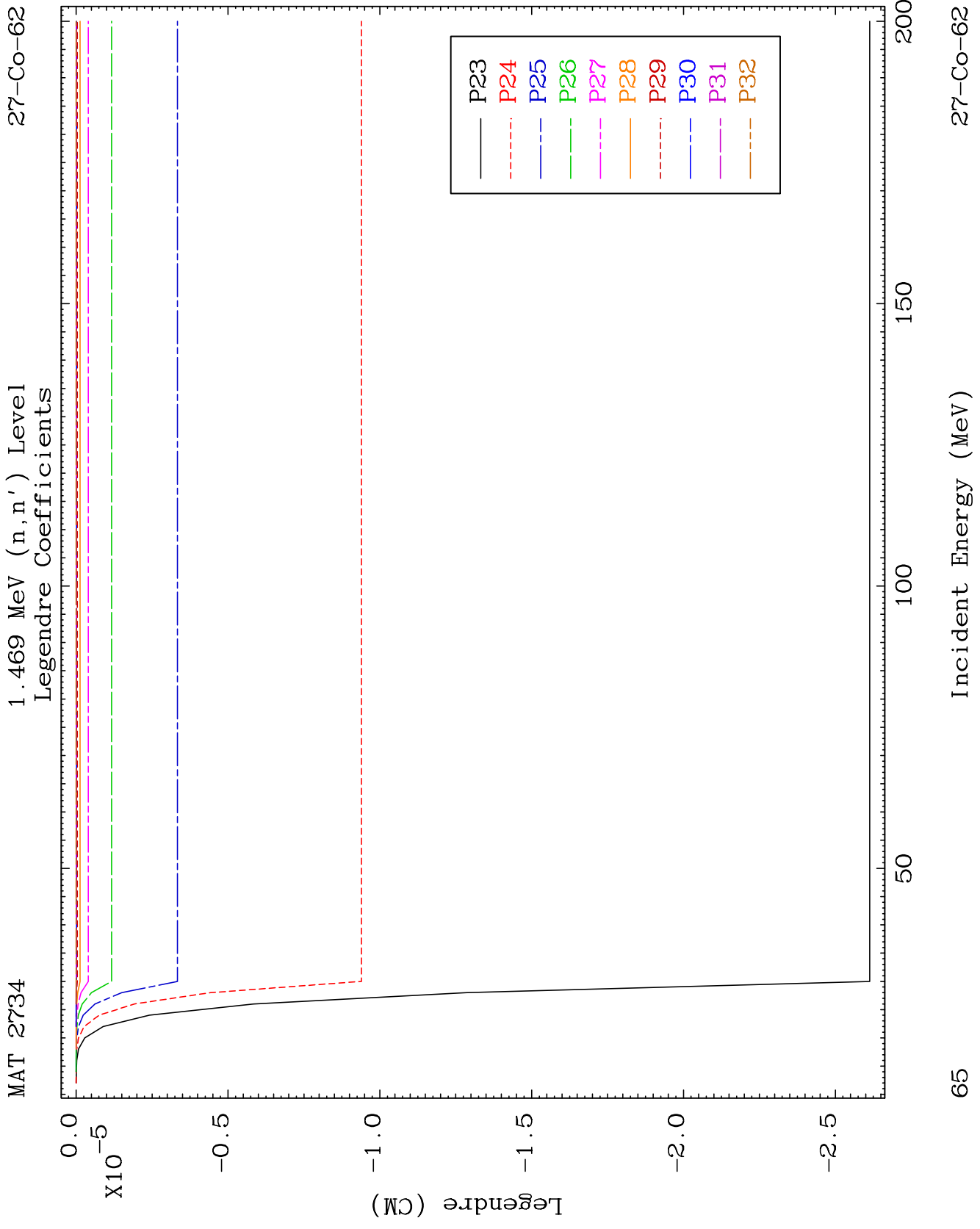
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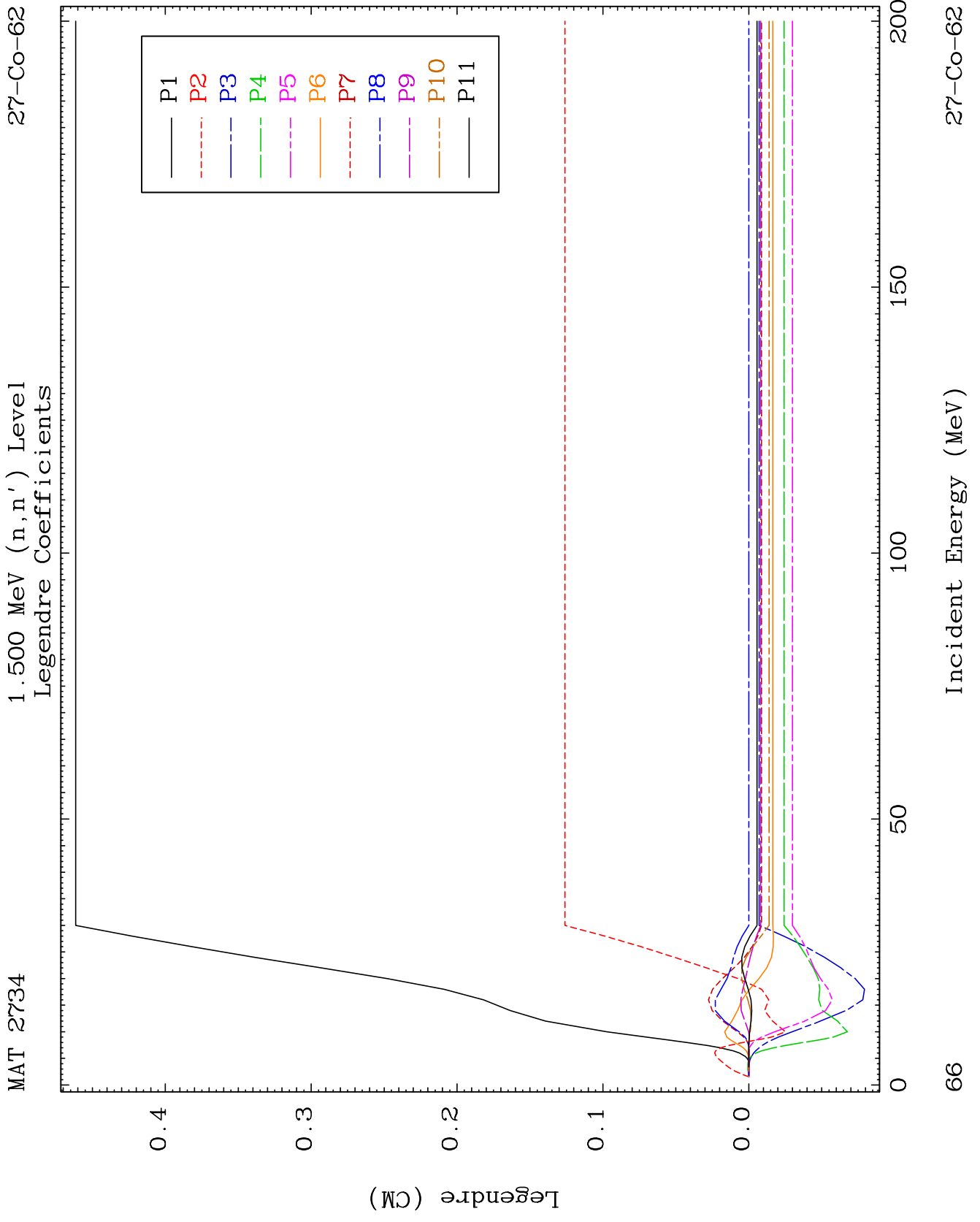
Incident Energy (MeV)

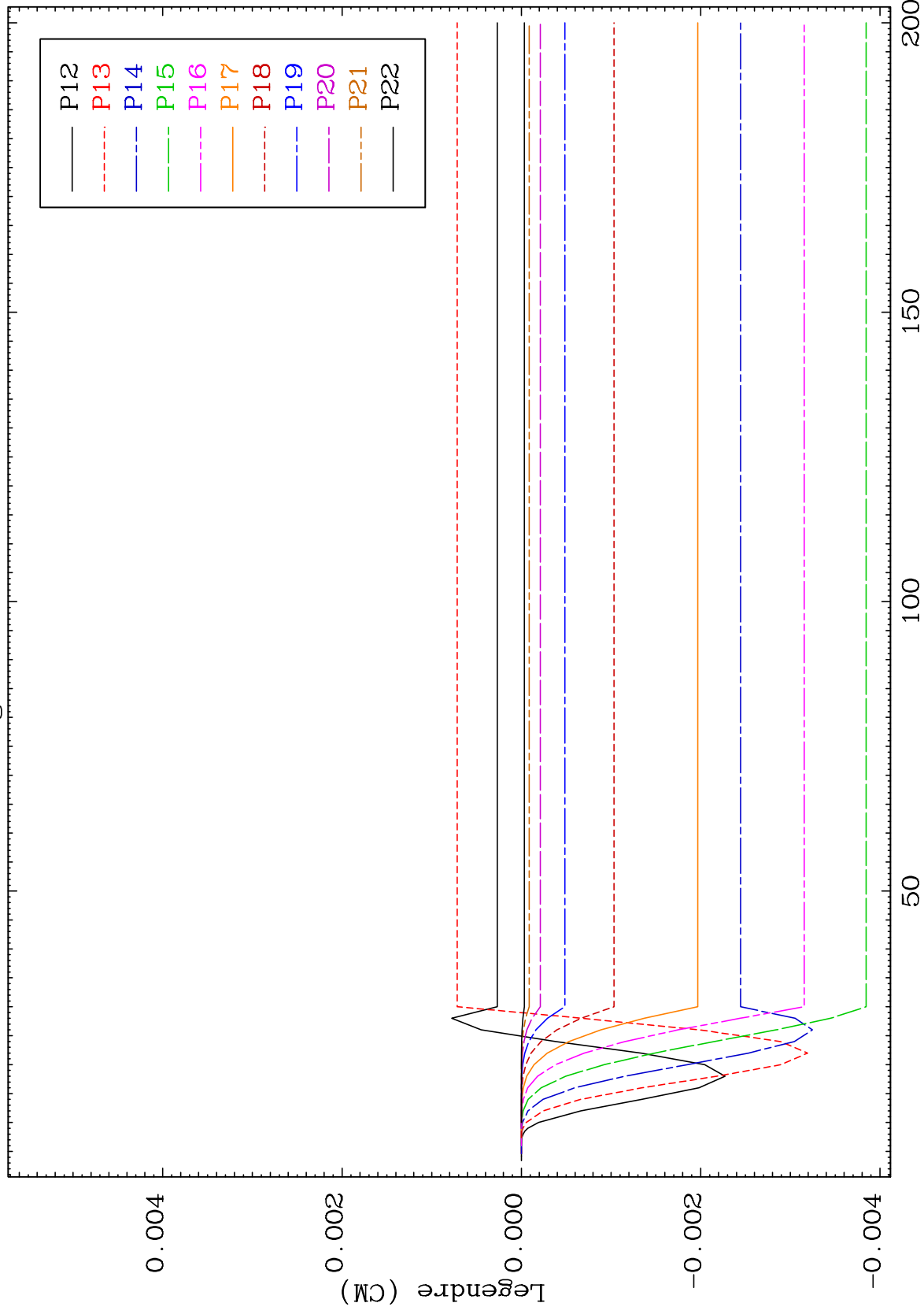
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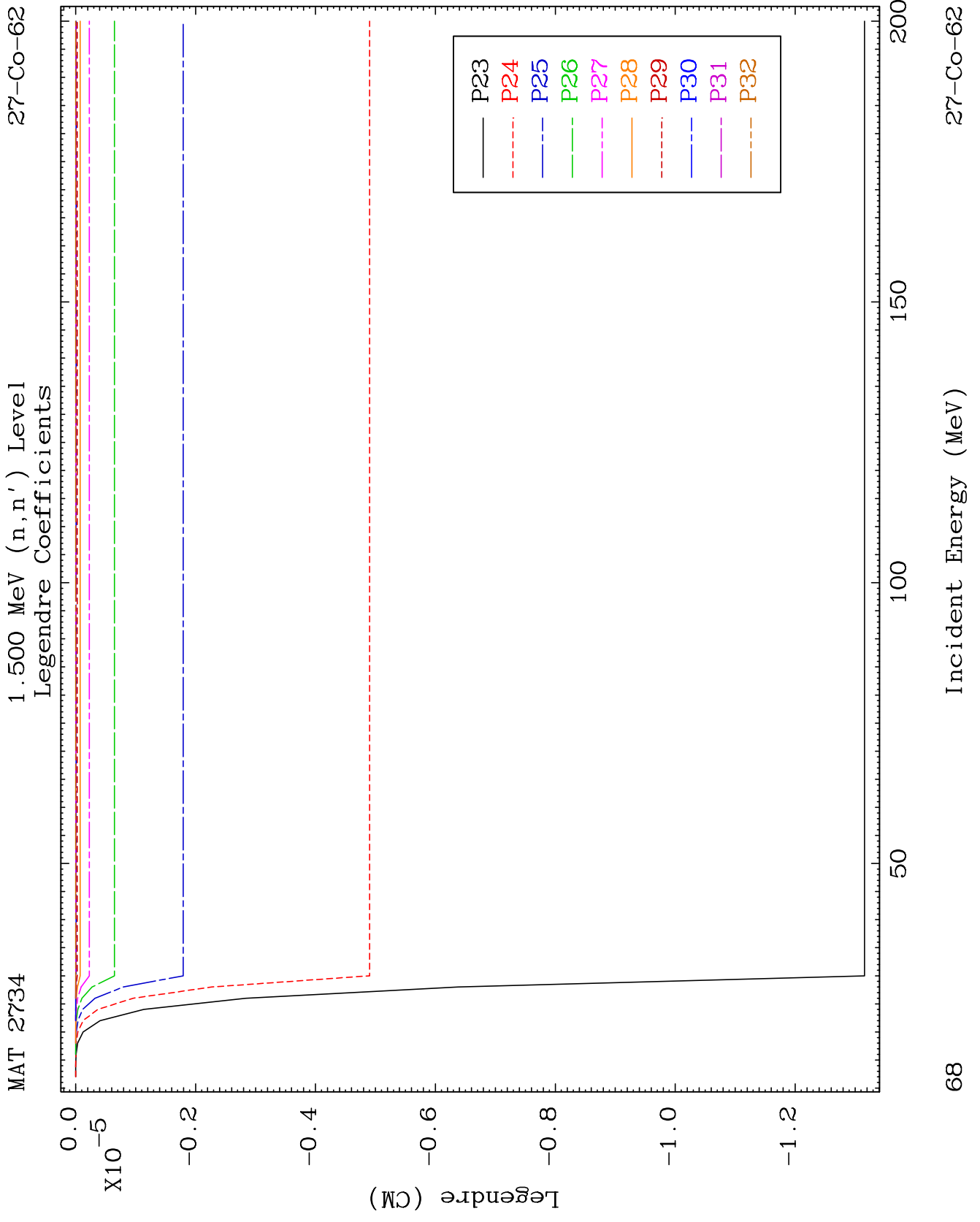








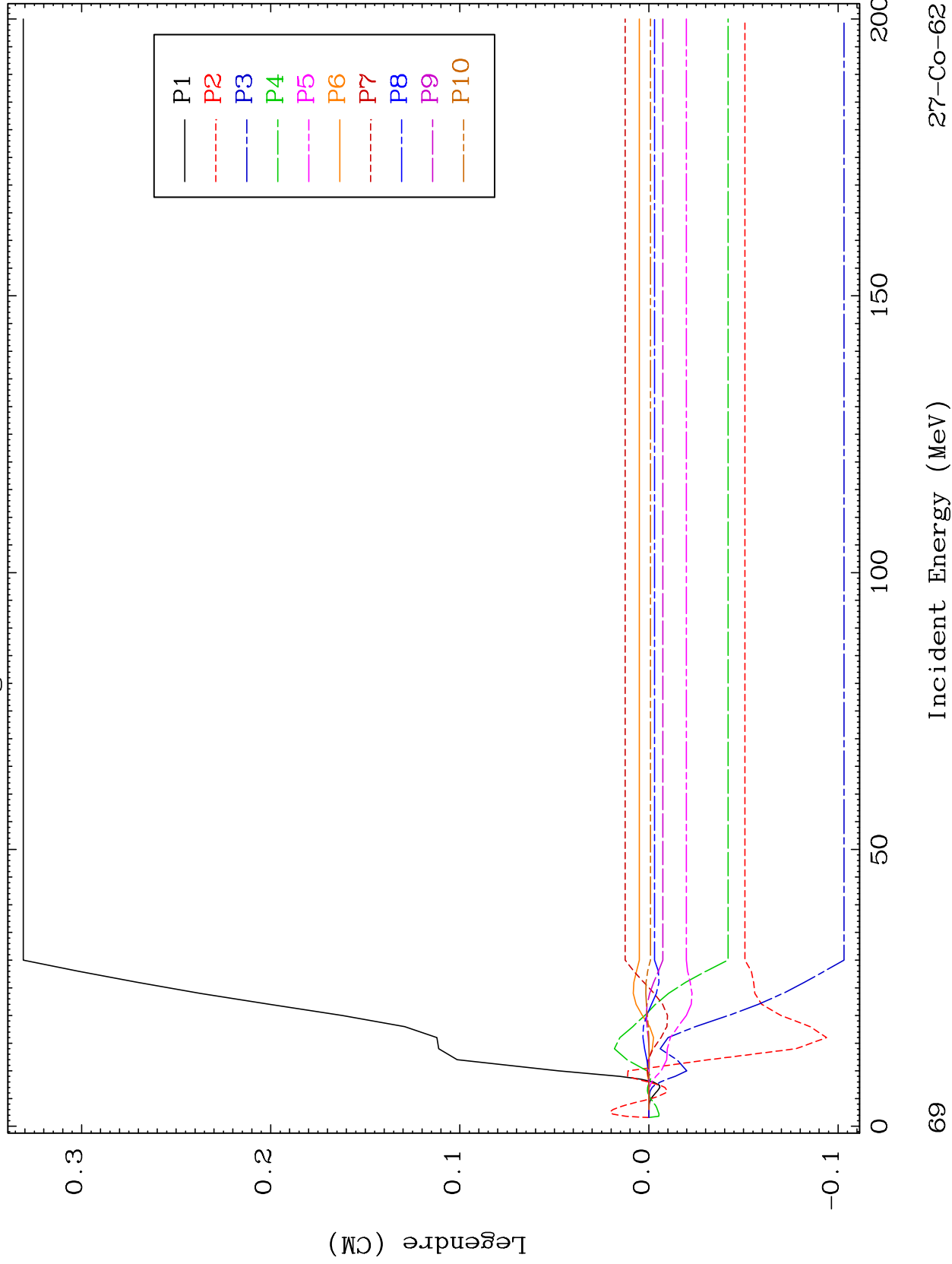




MAT 2734

1.543 MeV (n,n') Level
Legendre Coefficients

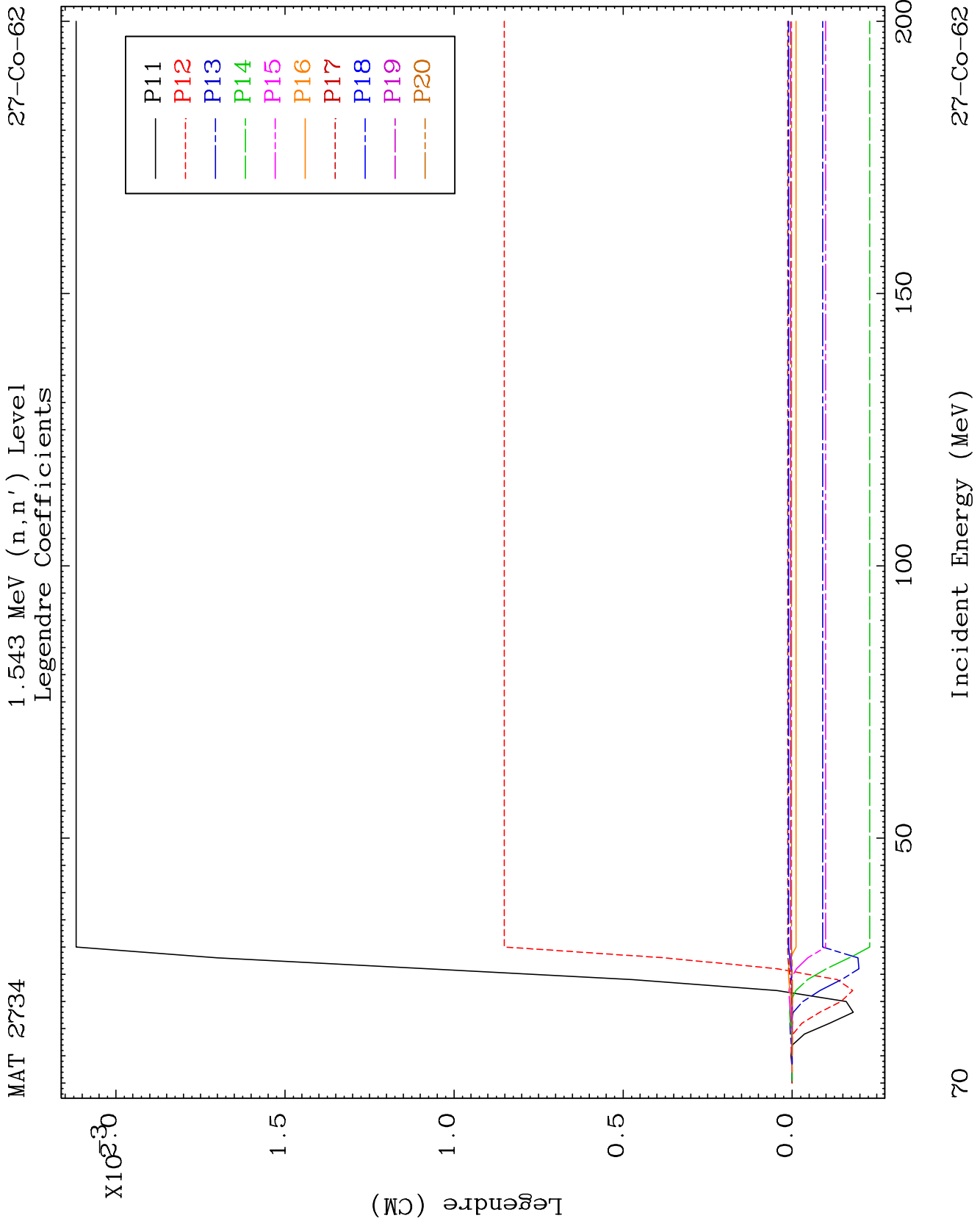
27-Co-62



27-Co-62

Incident Energy (MeV)

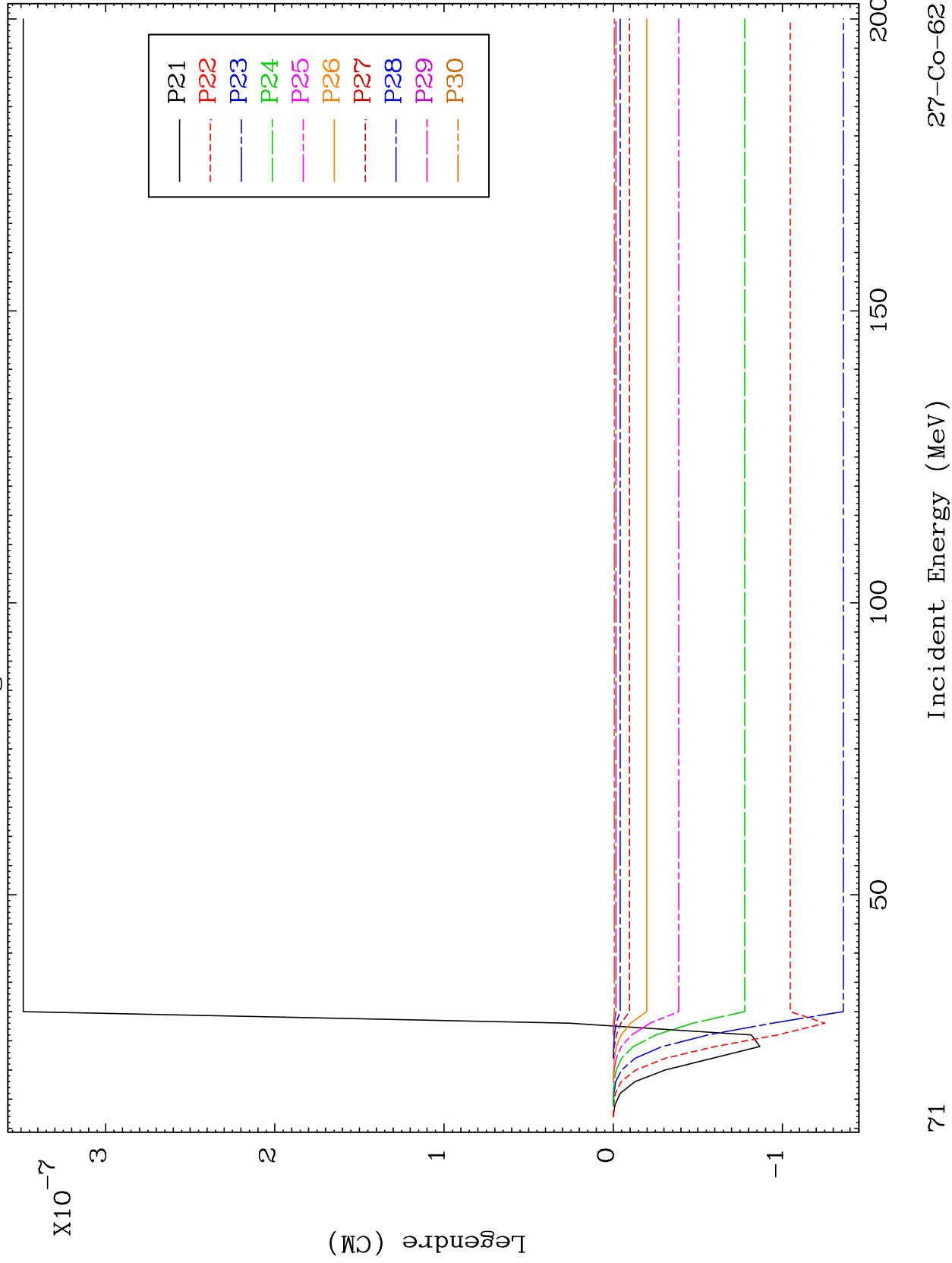
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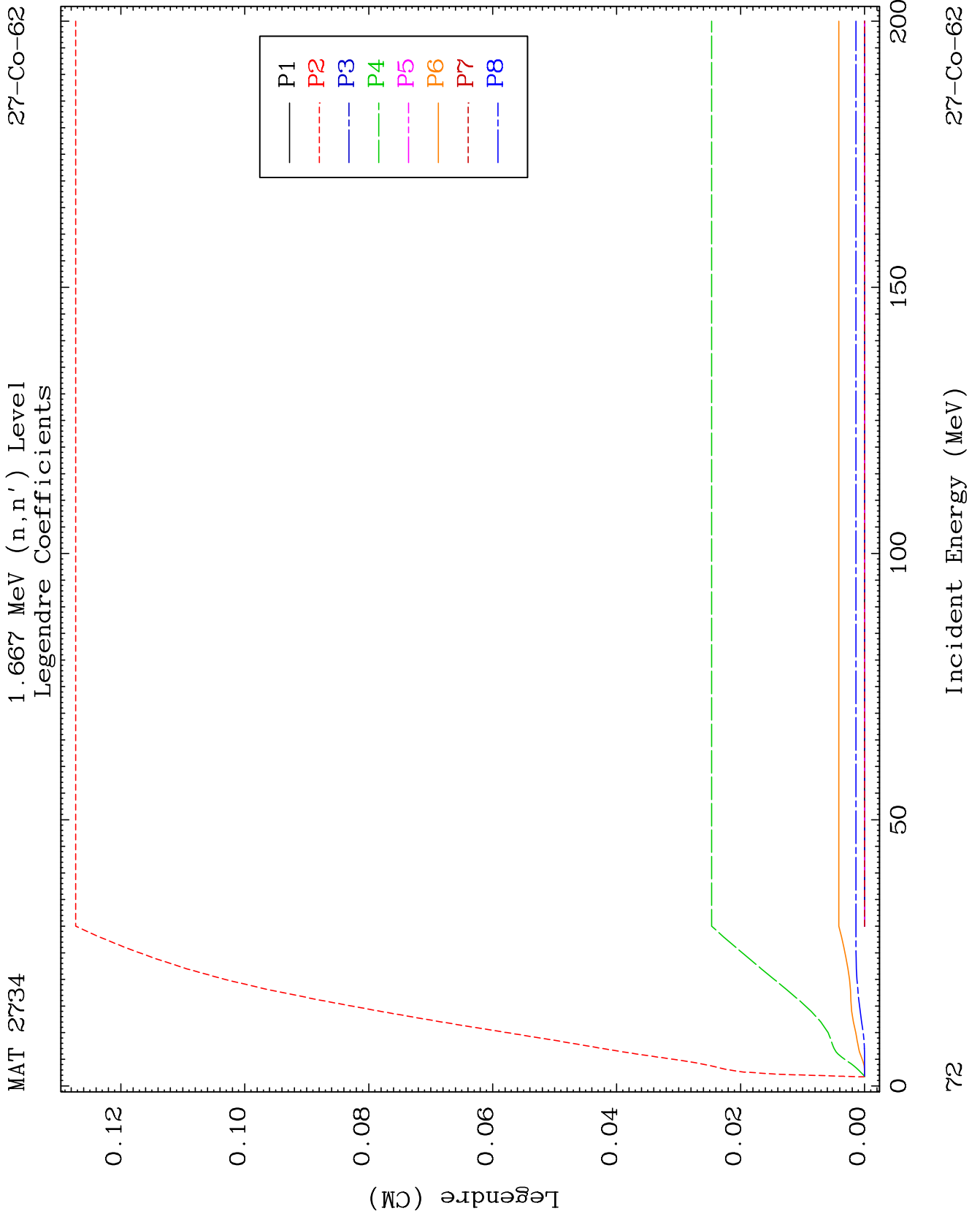


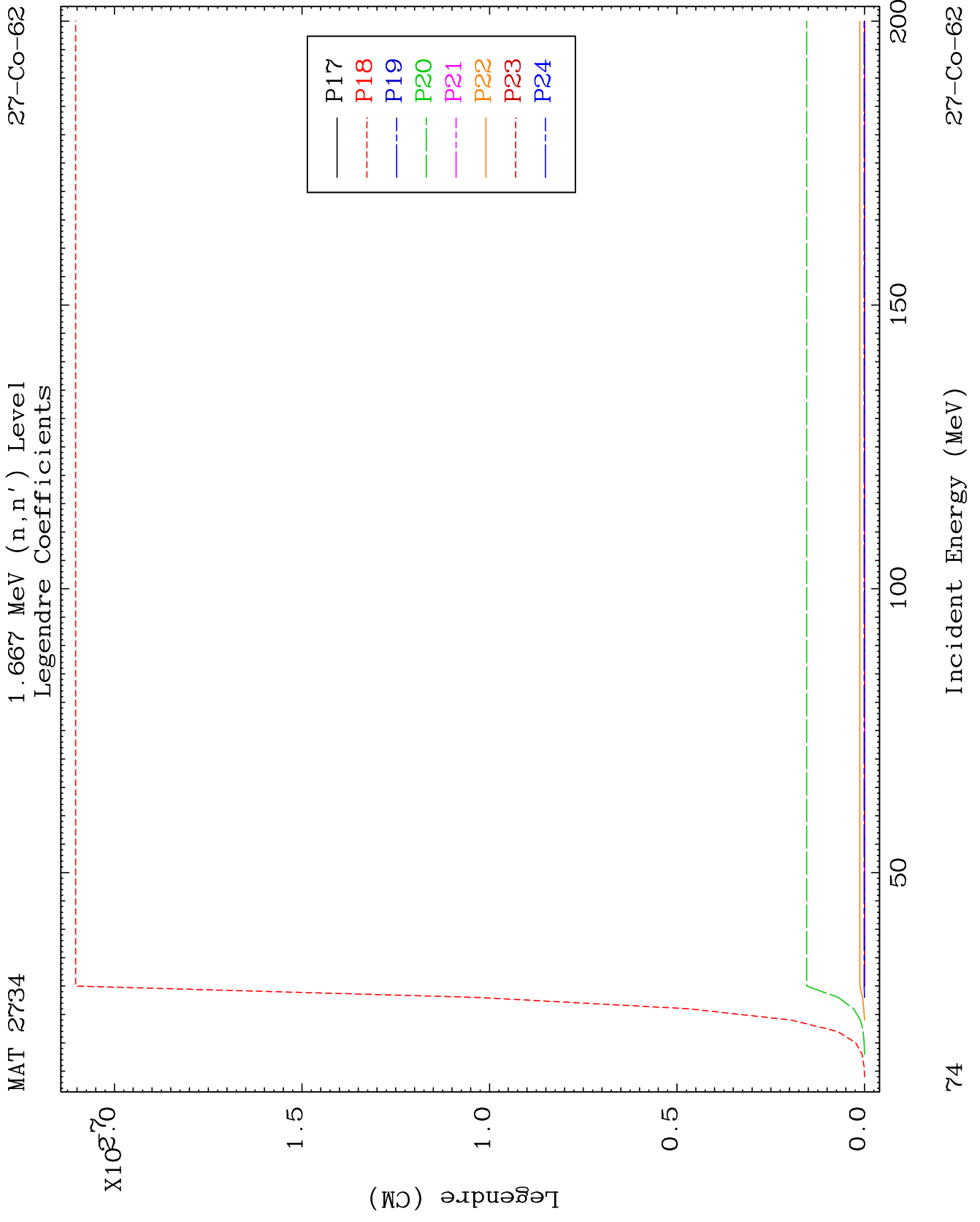
MAT 2734

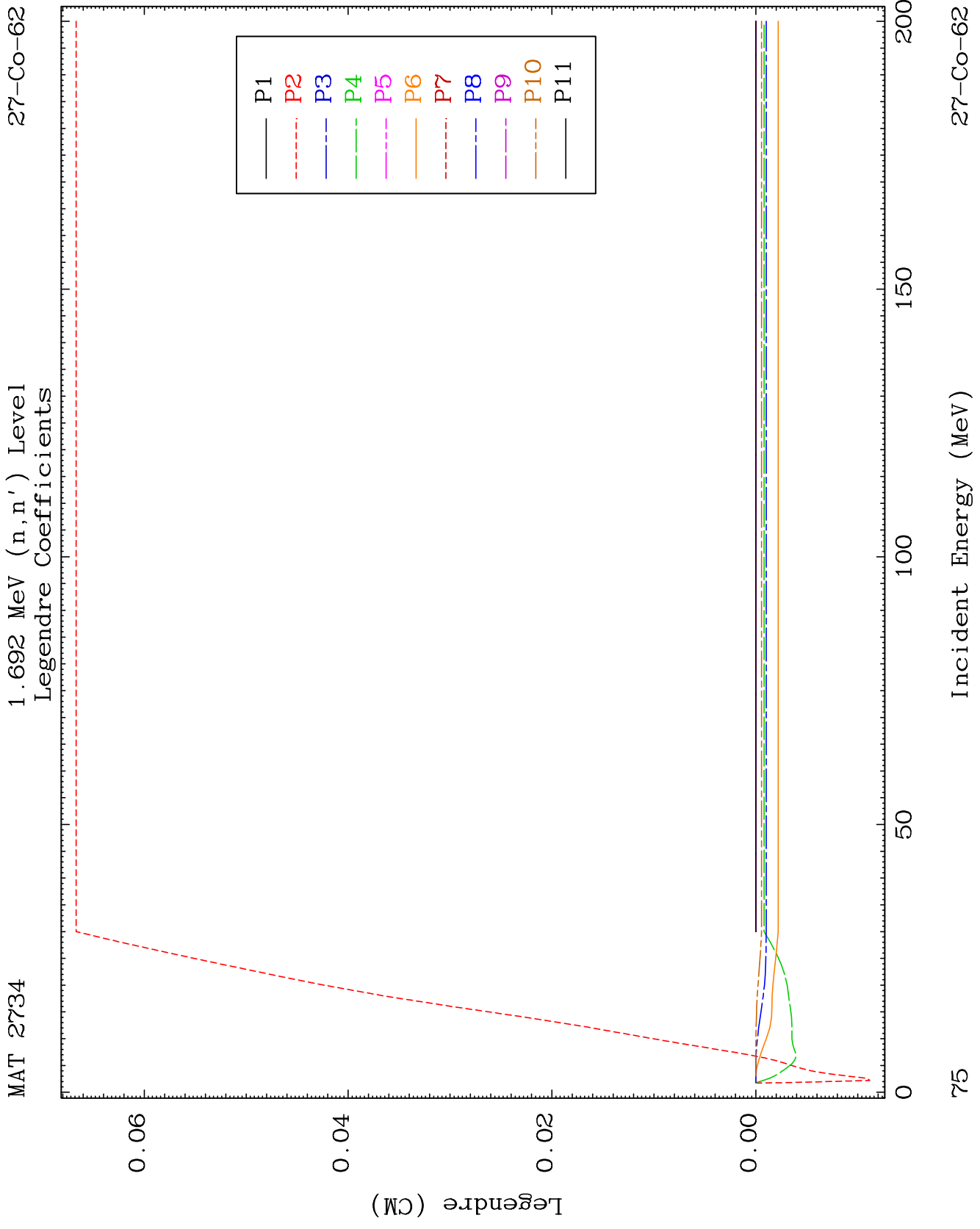
1.543 MeV (n, n') Level
Legendre Coefficients

27-Co-62





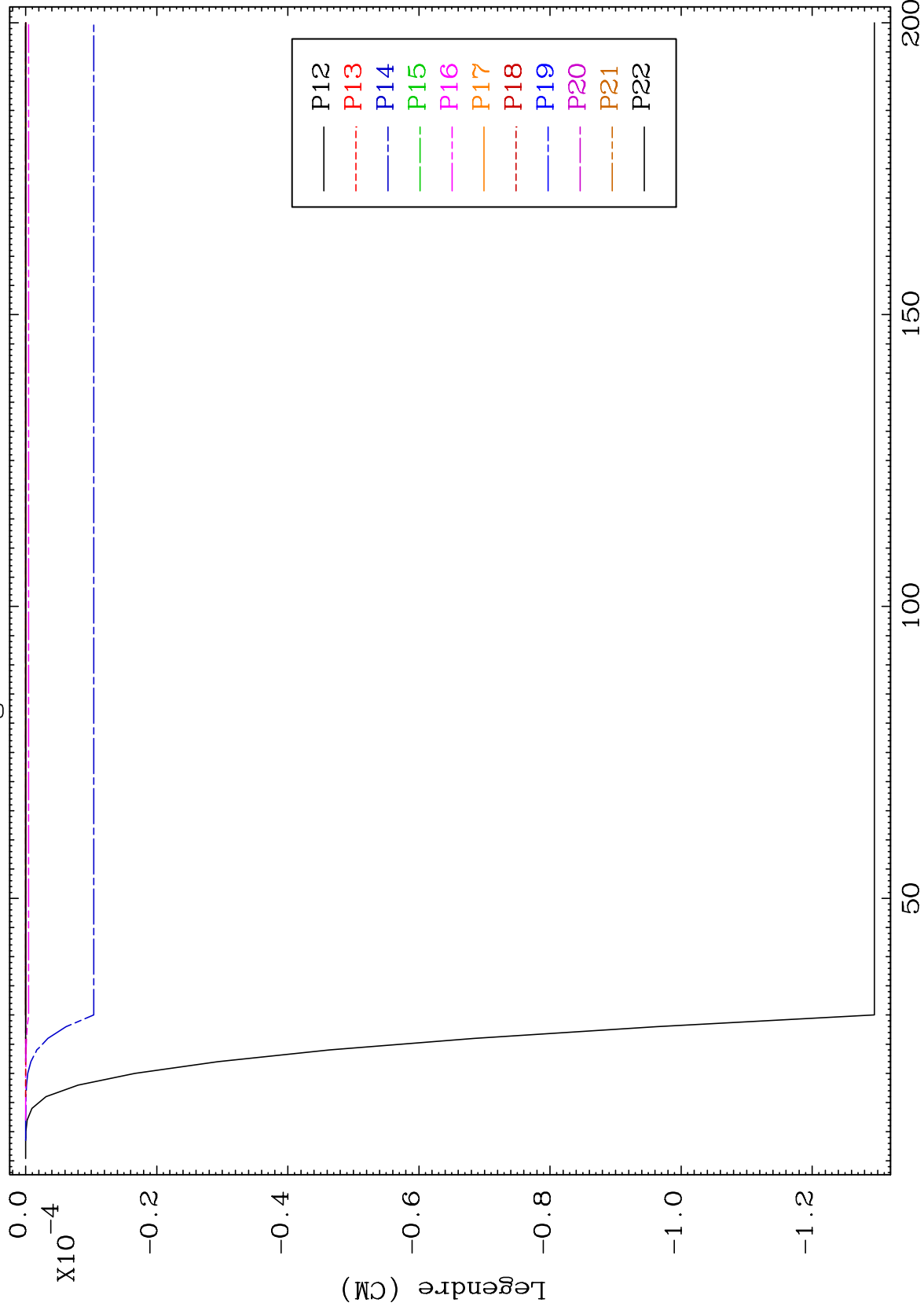




MAT 2734

1.692 MeV (n,n') Level
Legendre Coefficients

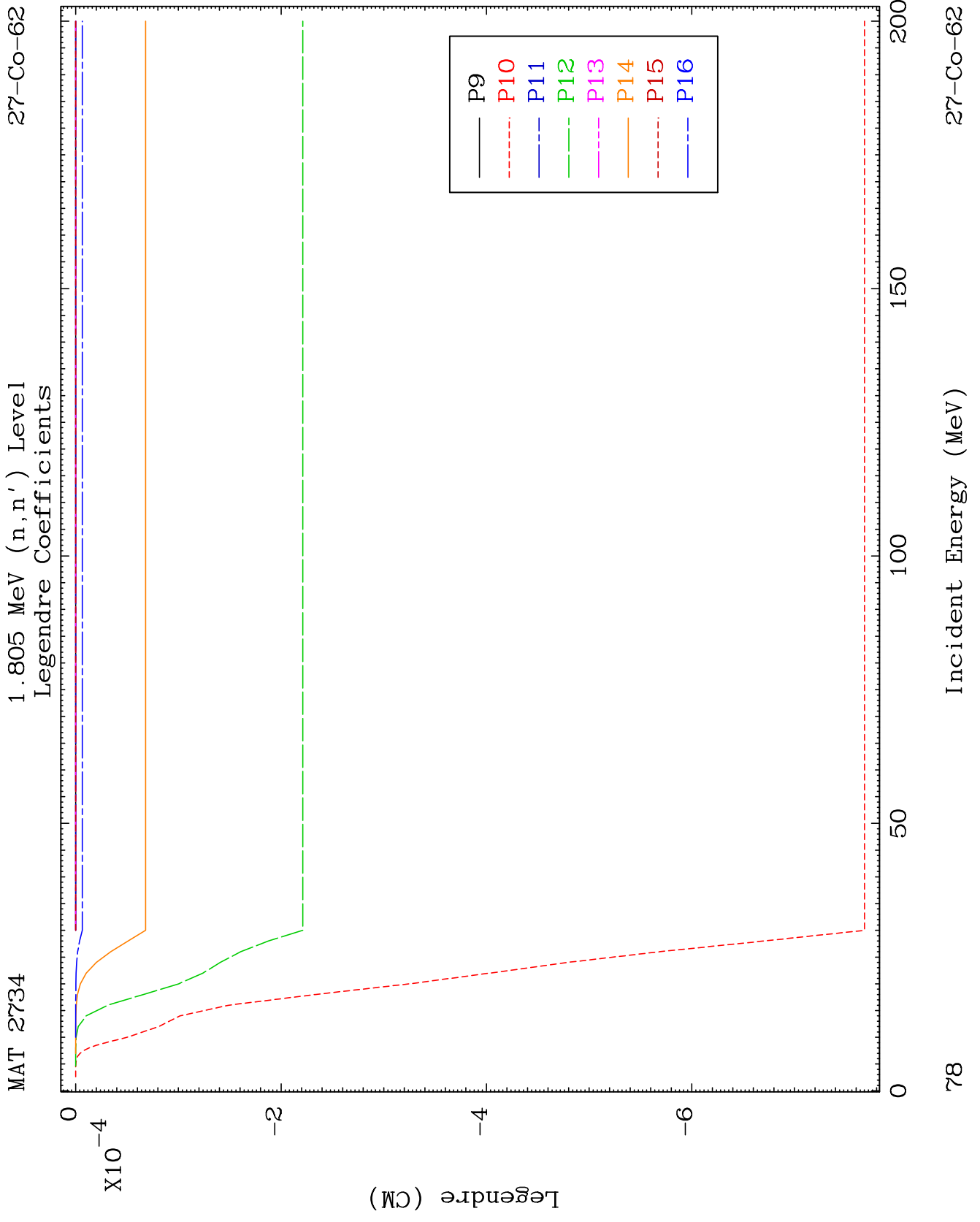
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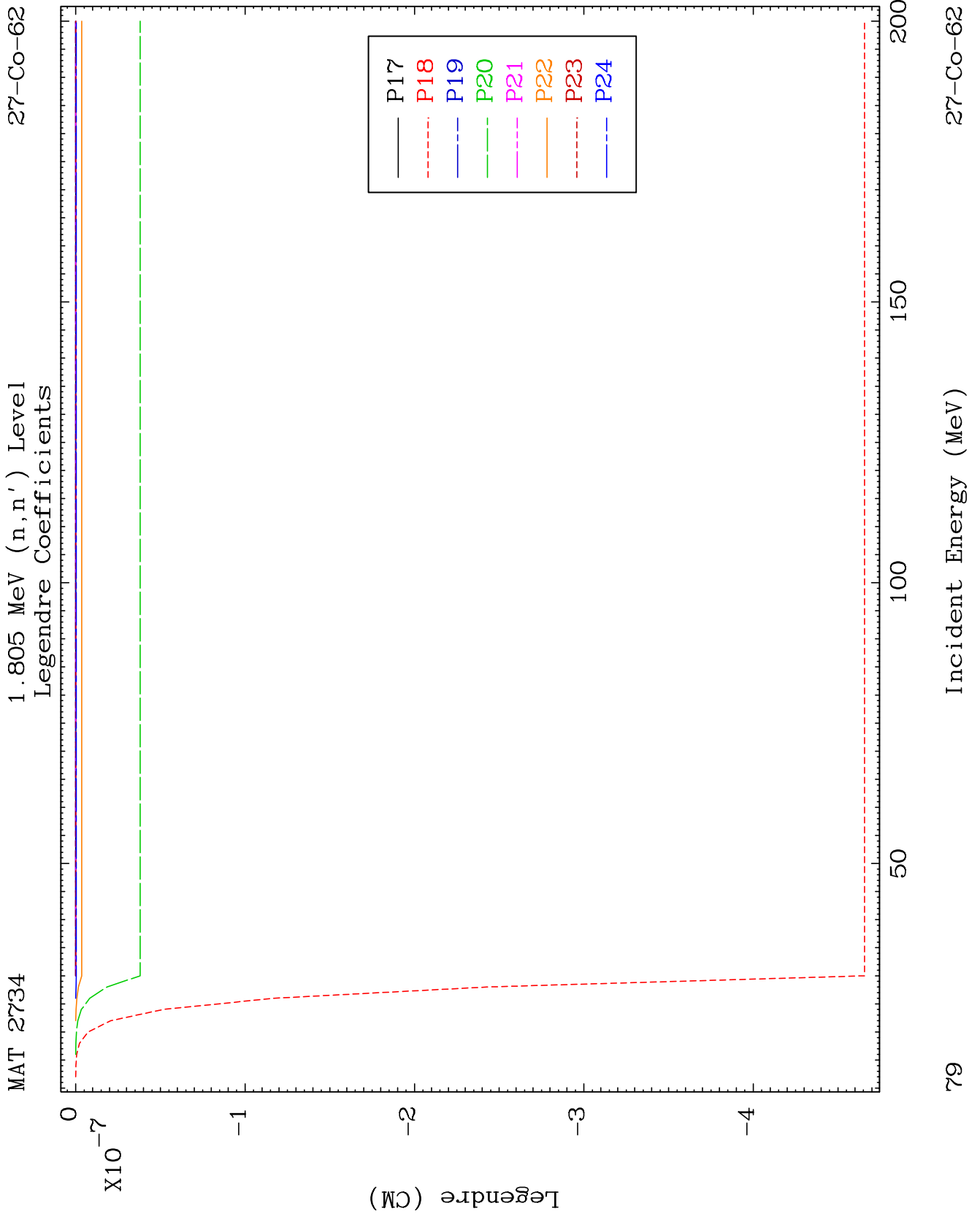


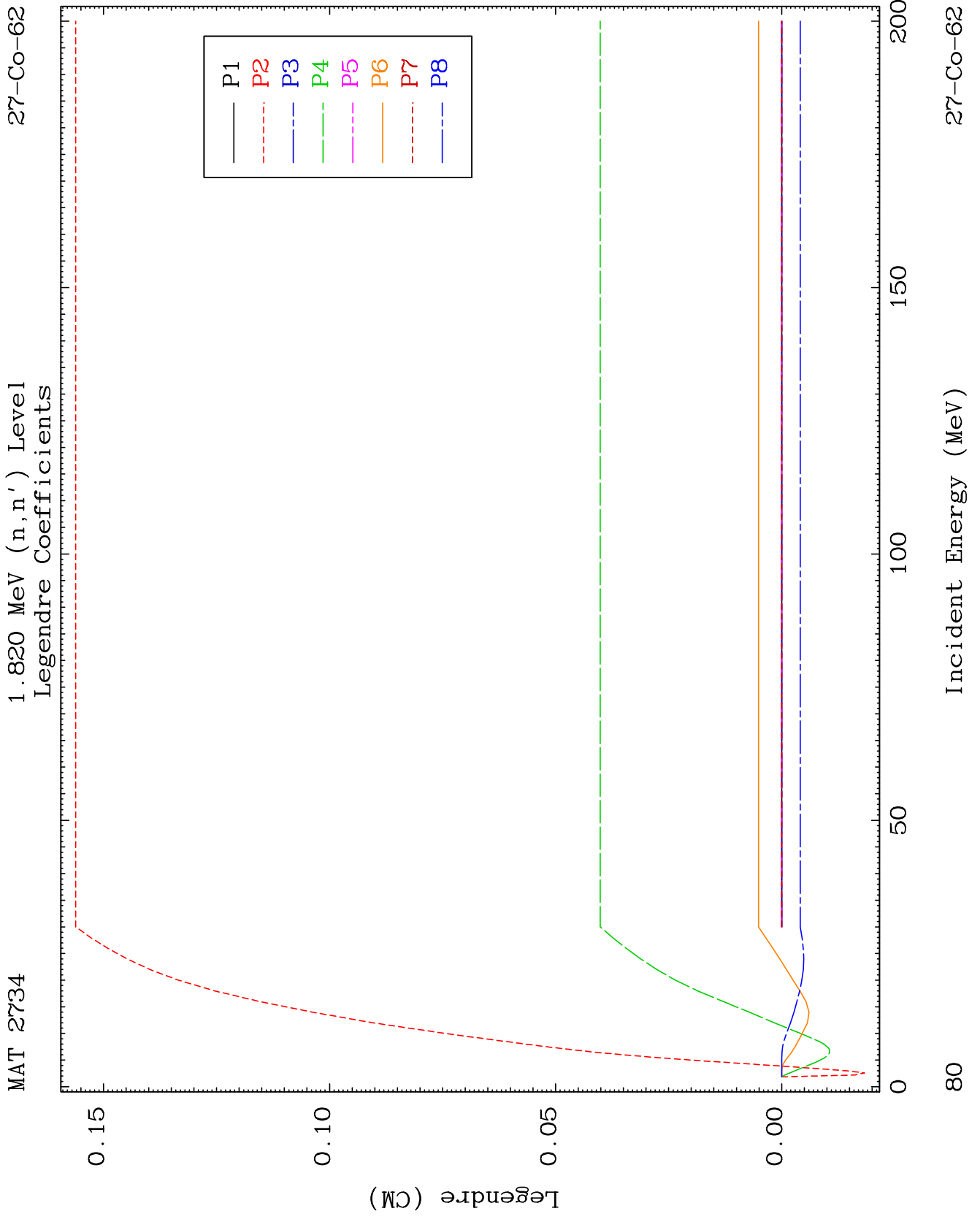
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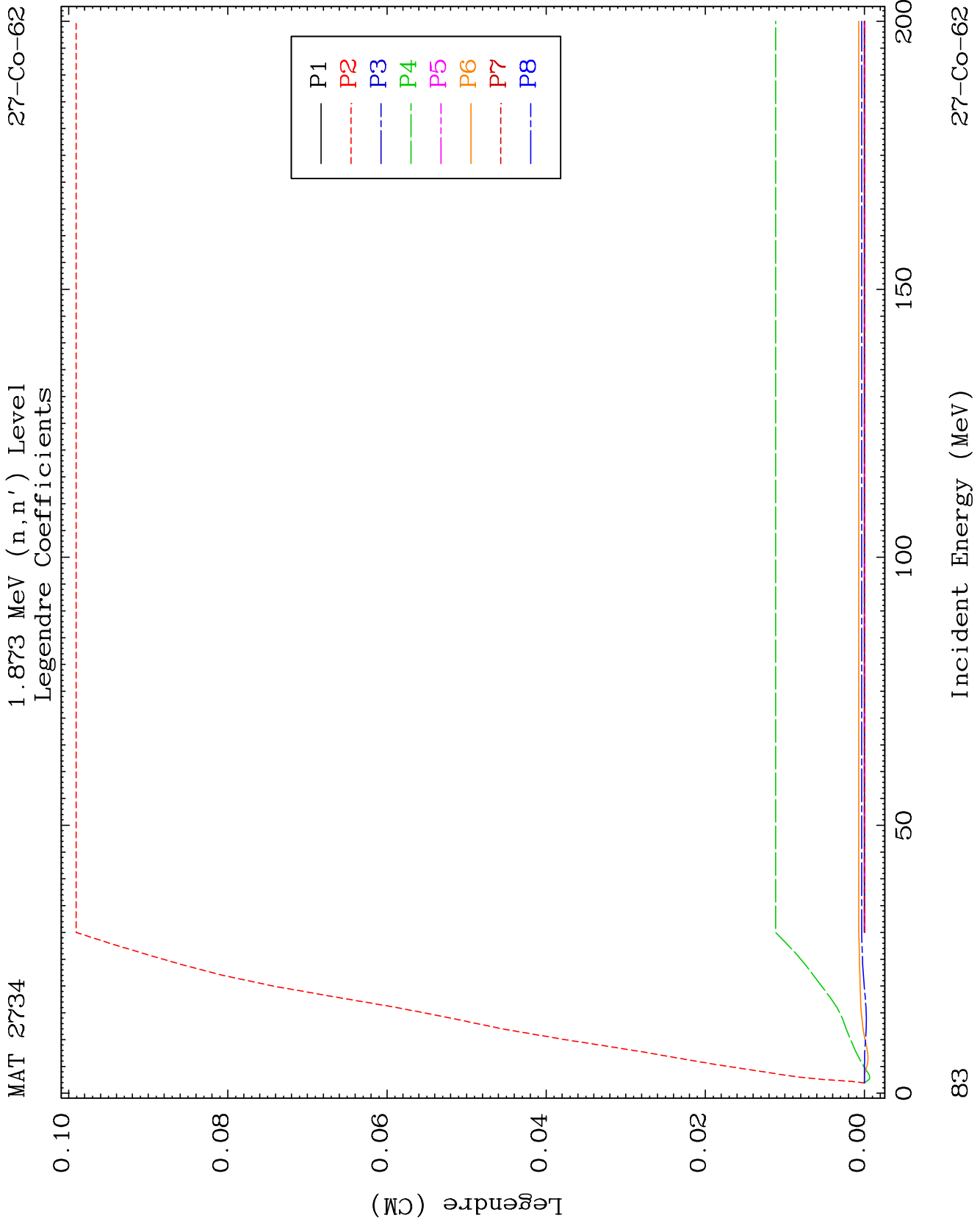
Incident Energy (MeV)

27-Co-62





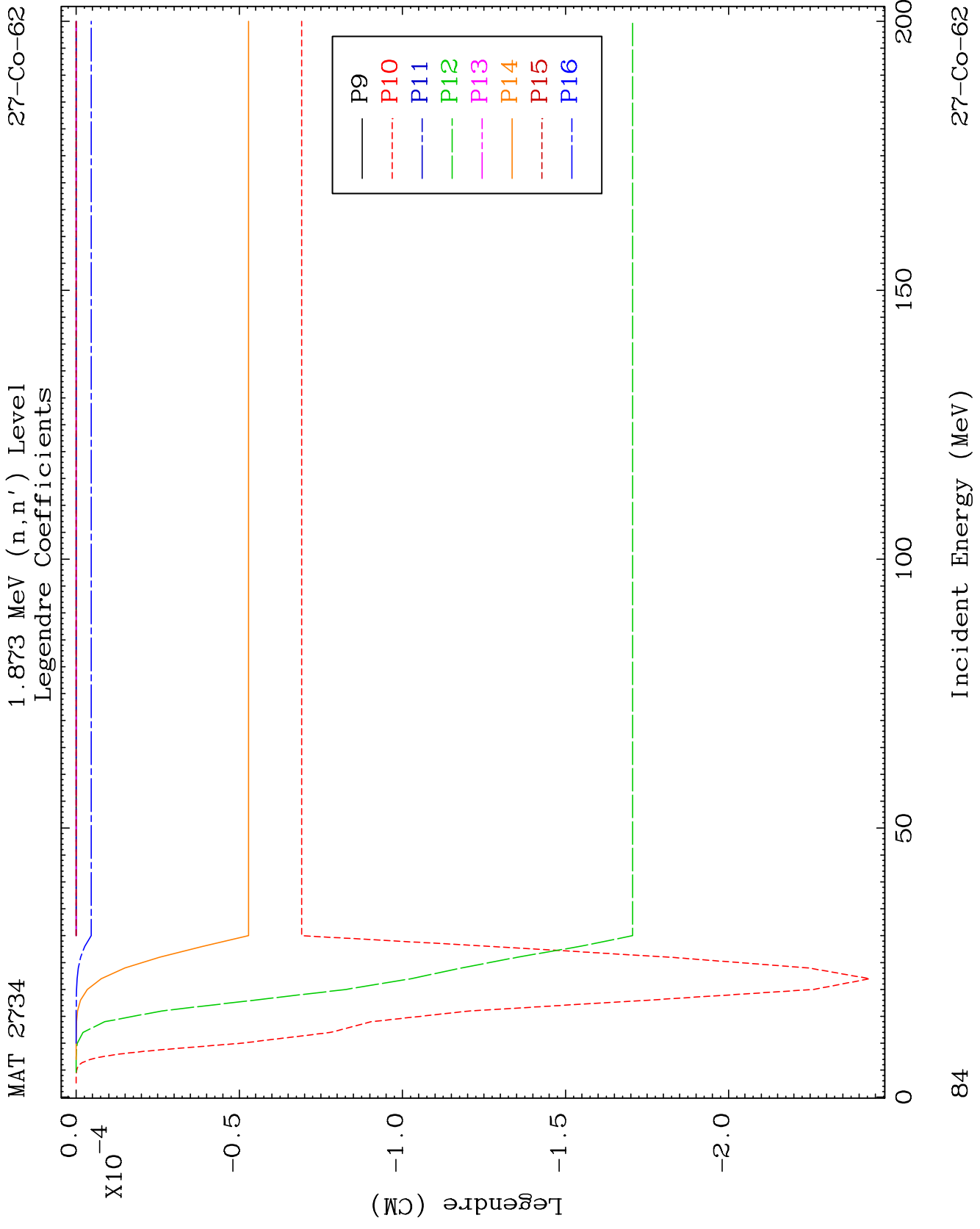


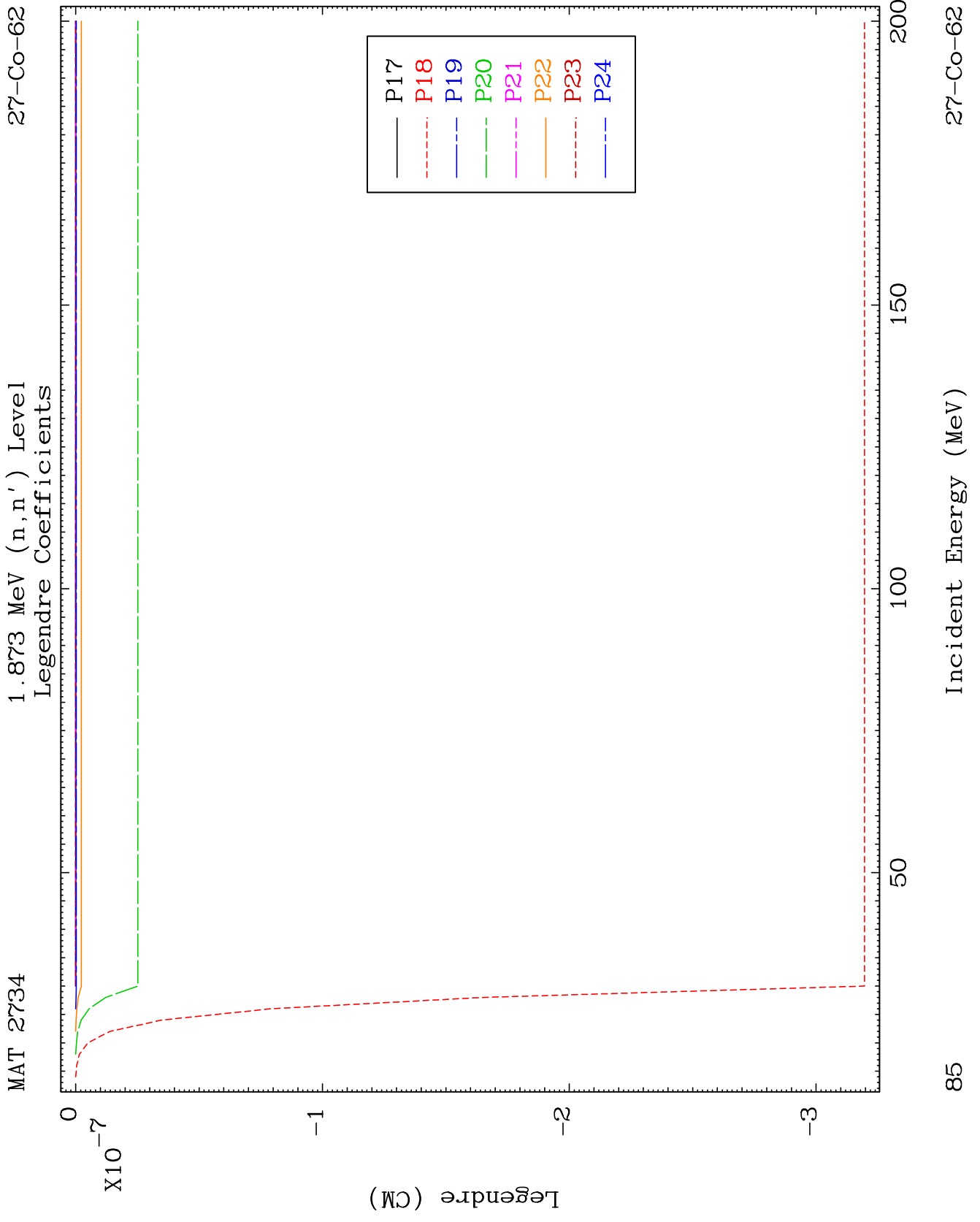


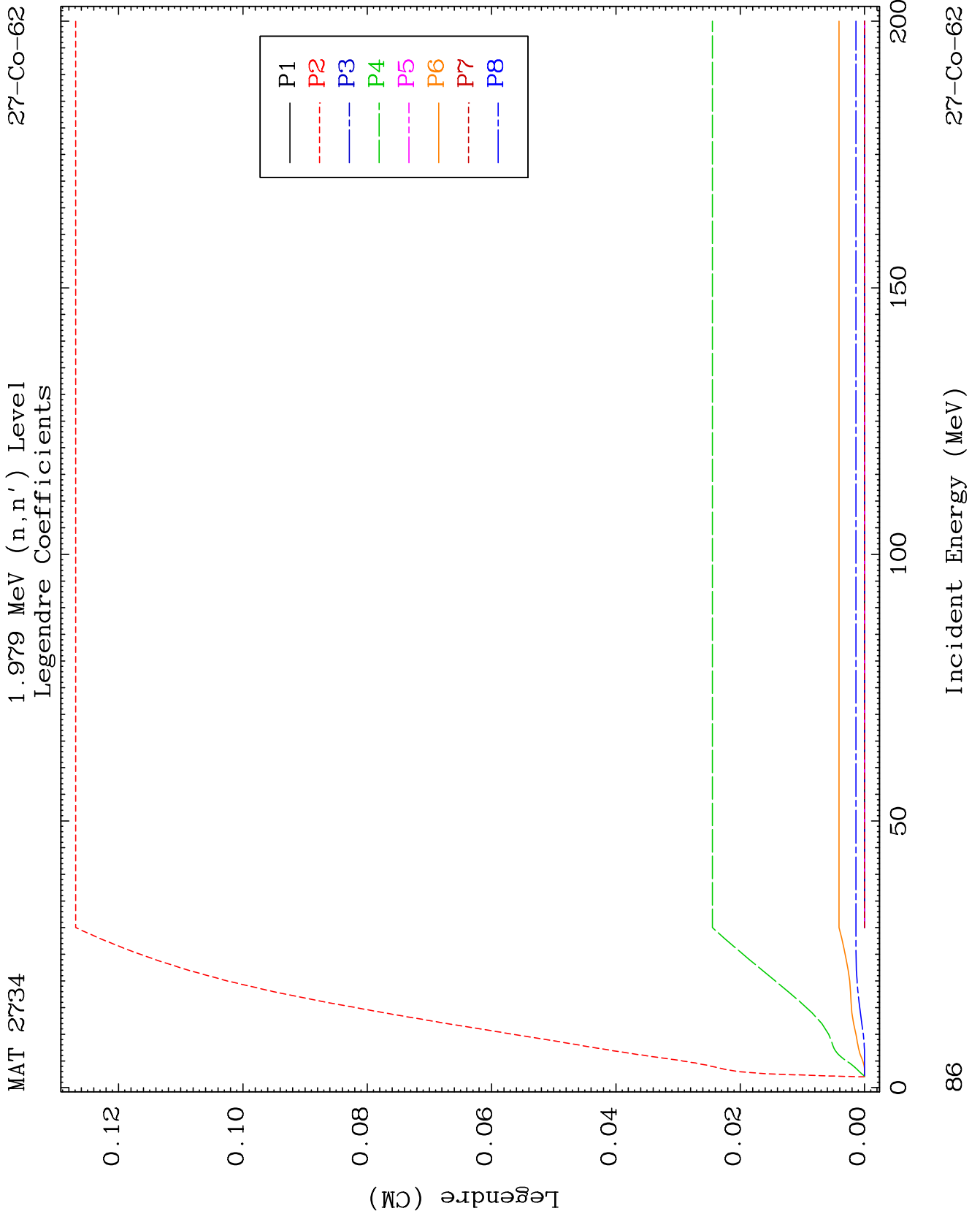
27-Co-62

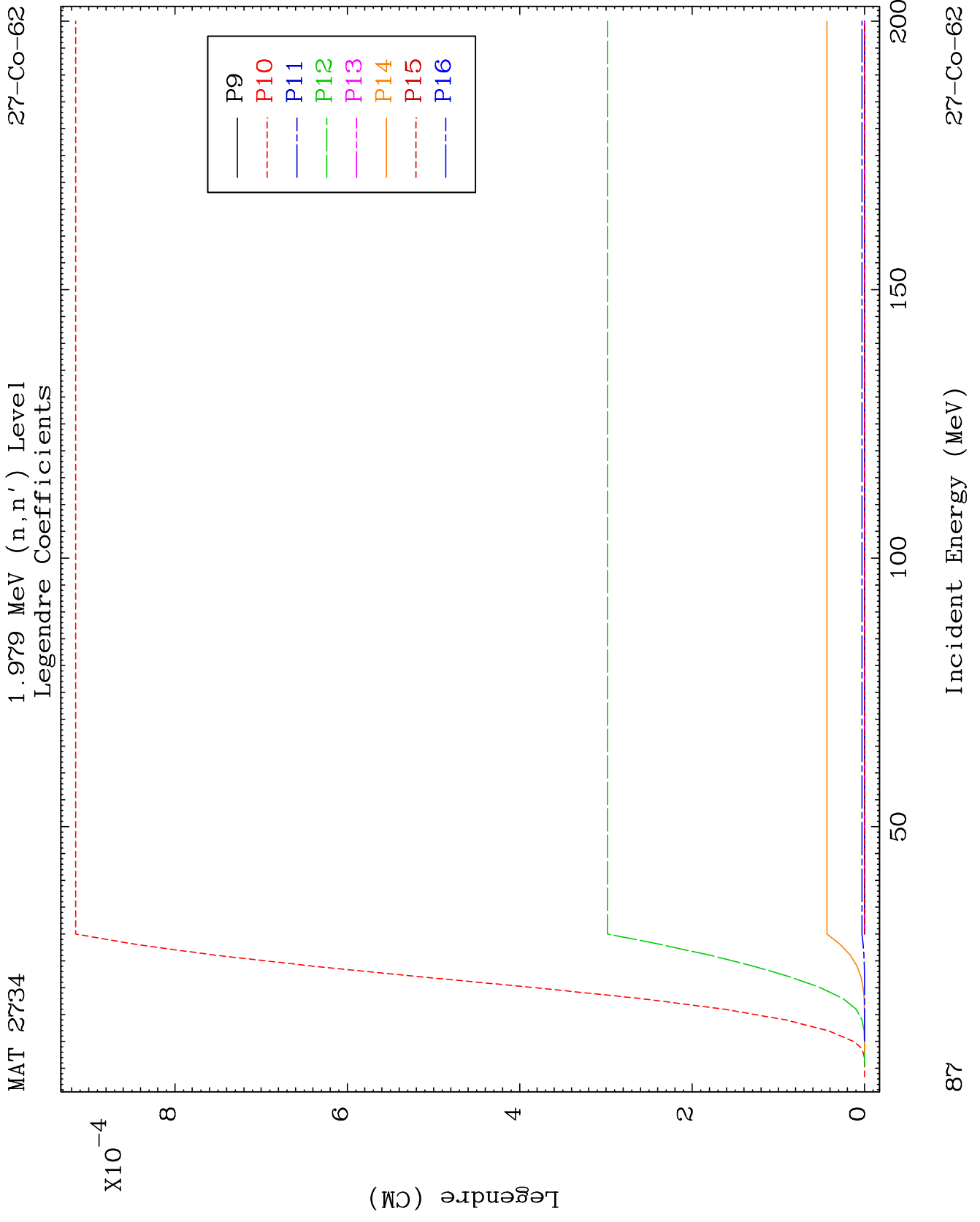
Incident Energy (MeV)

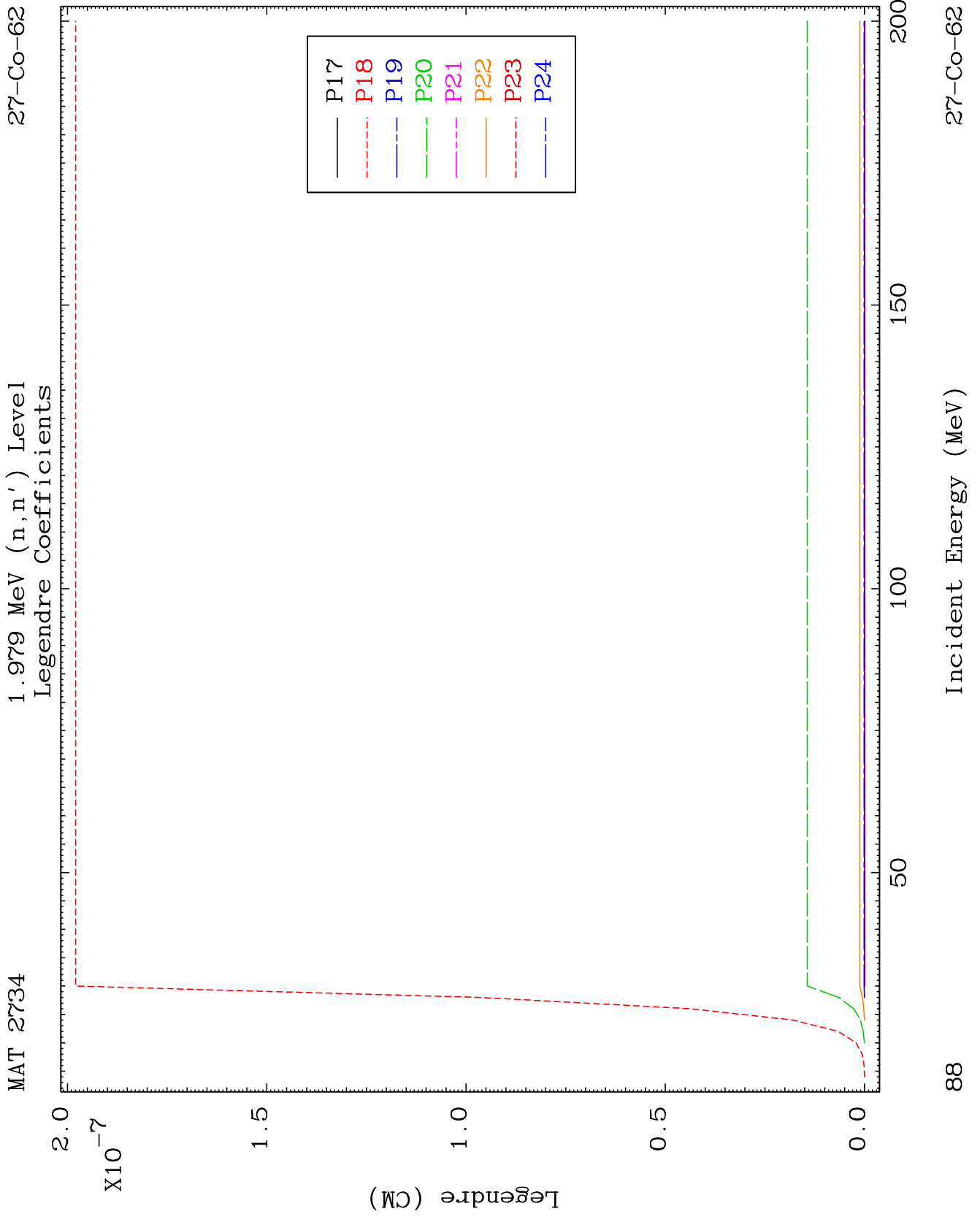
83







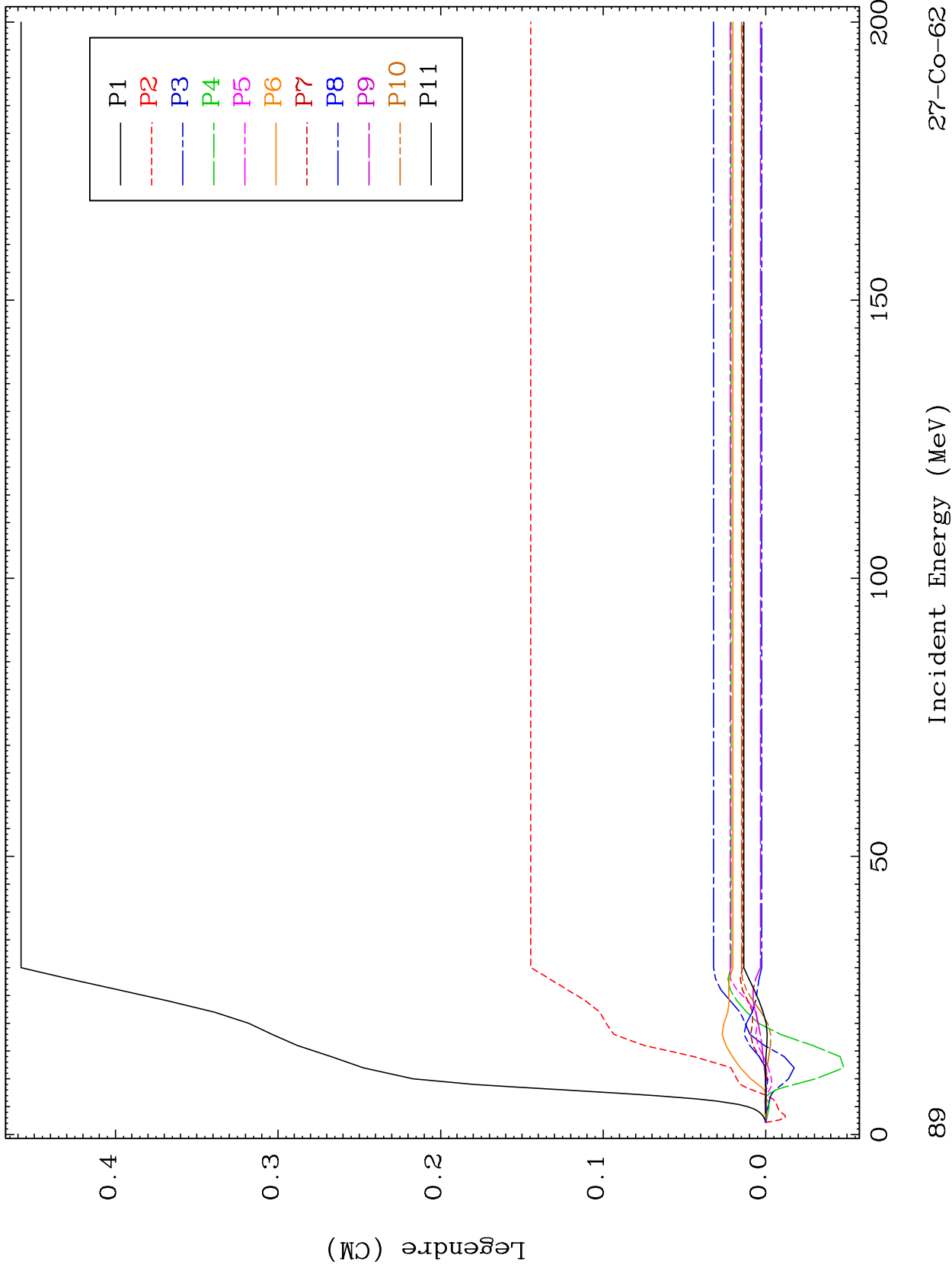




MAT 2734

2.079 MeV (n,n') Level
Legendre Coefficients

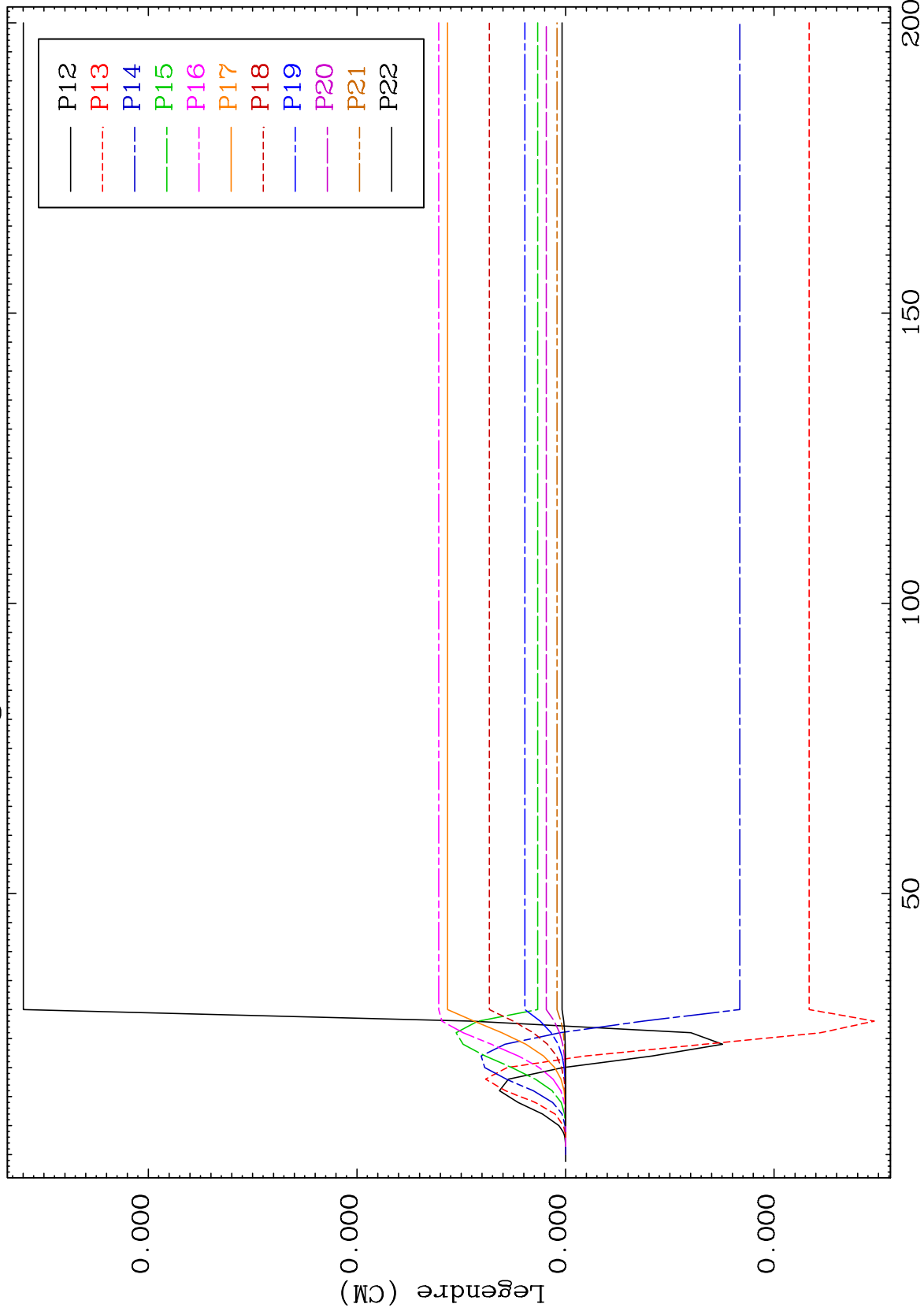
27-Co-62



MAT 2734

2.079 MeV (n,n') Level
Legendre Coefficients

27-Co-62



90

Incident Energy (MeV)

50

100

150

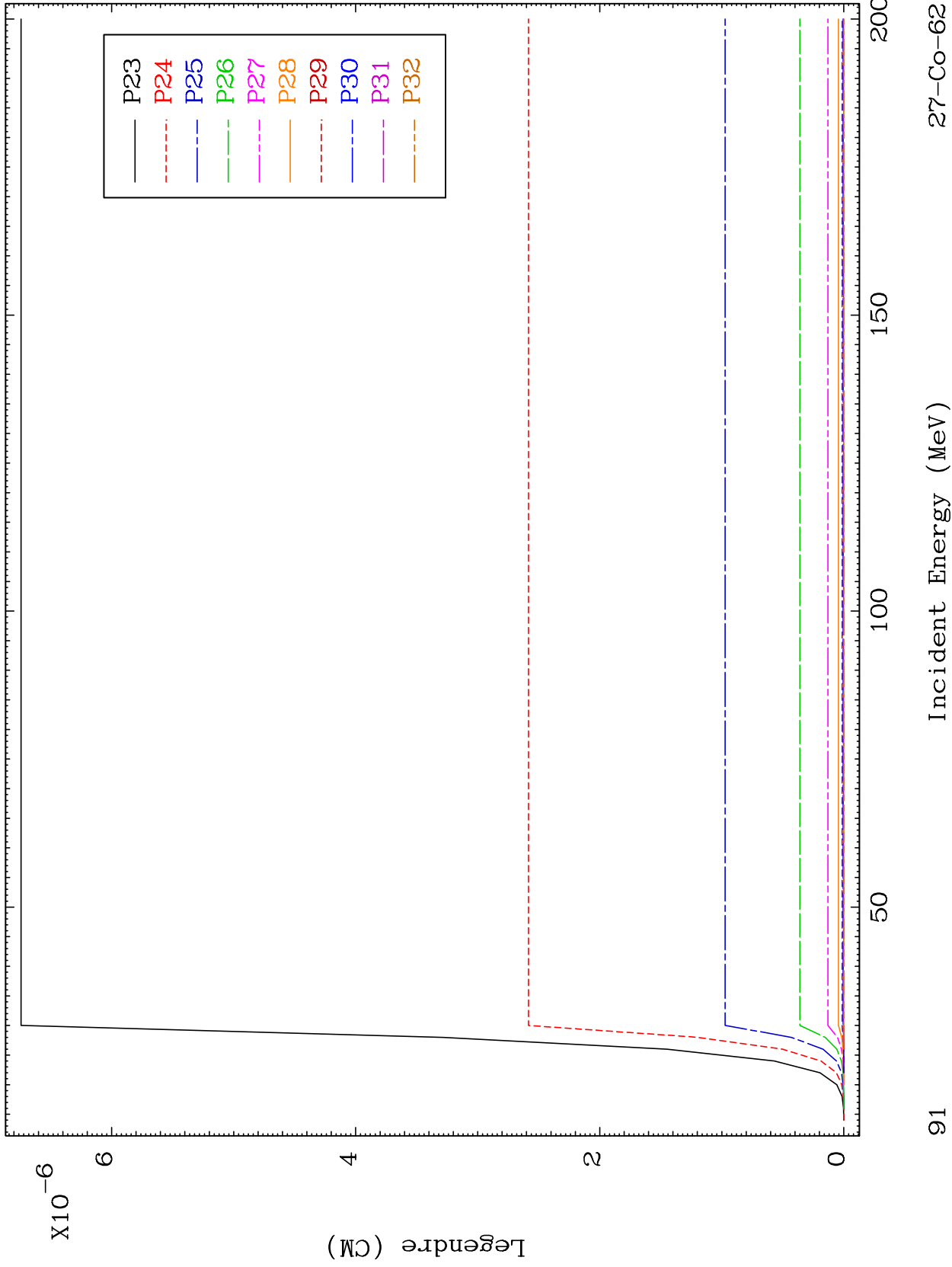
200

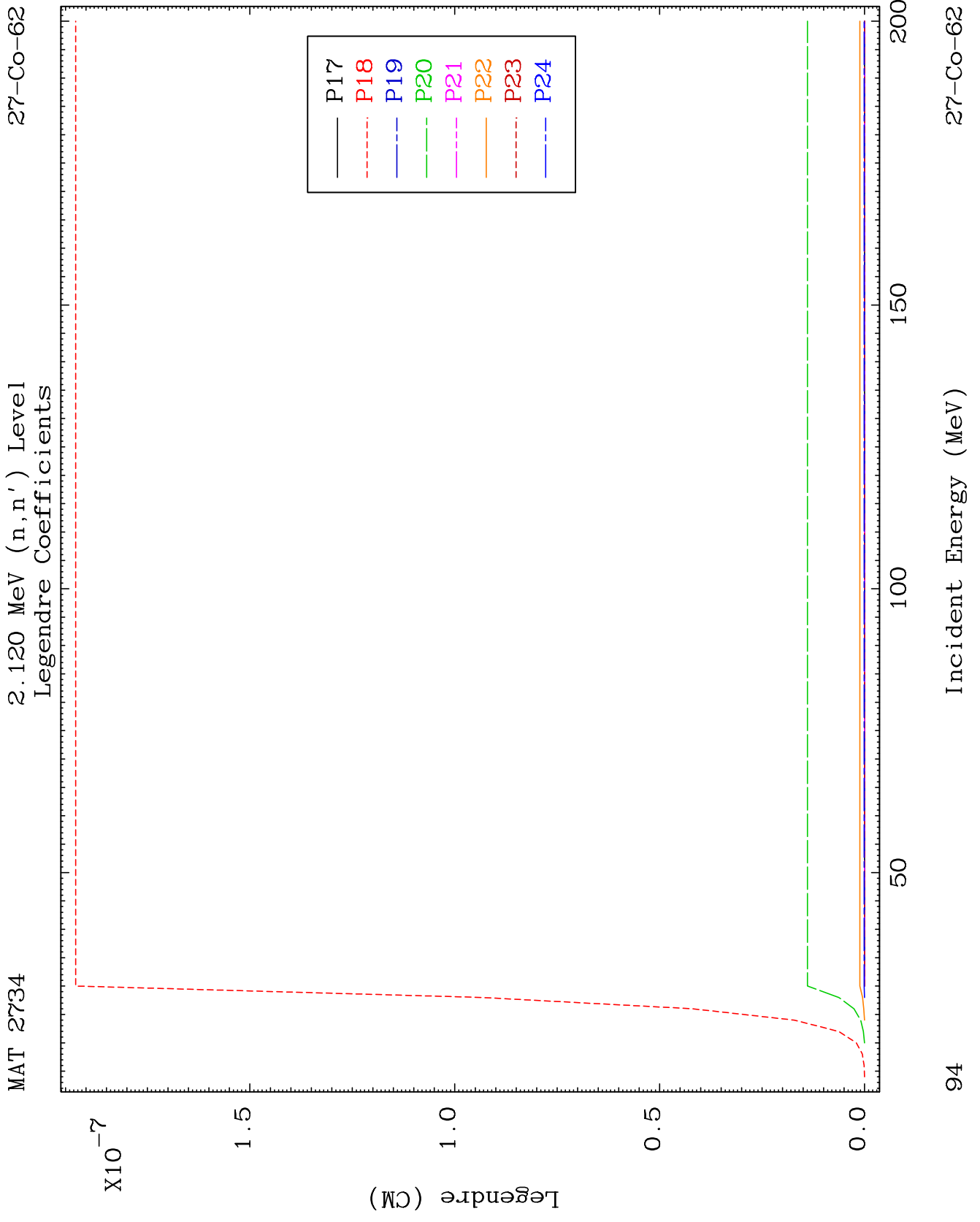
27-Co-62

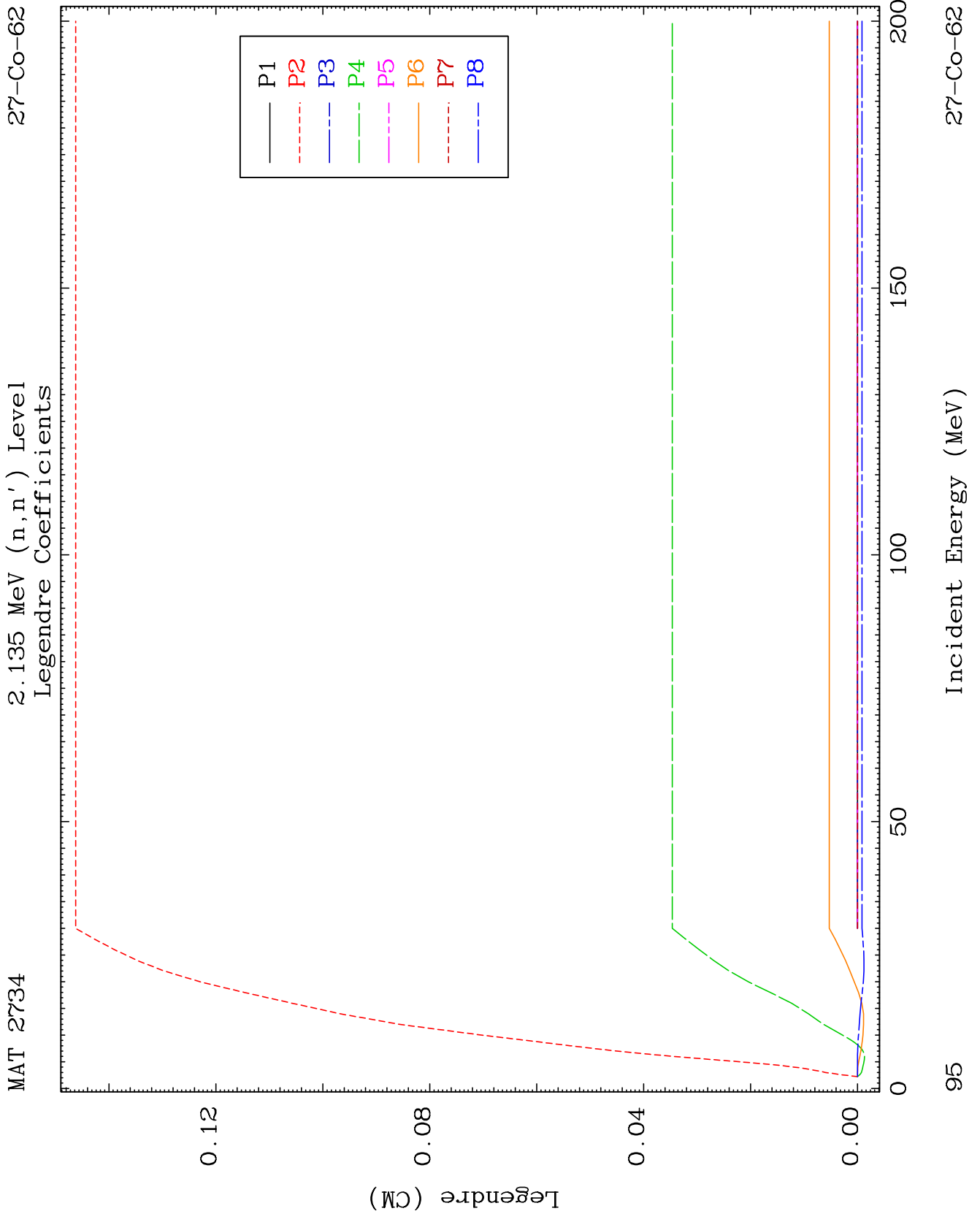
MAT 2734

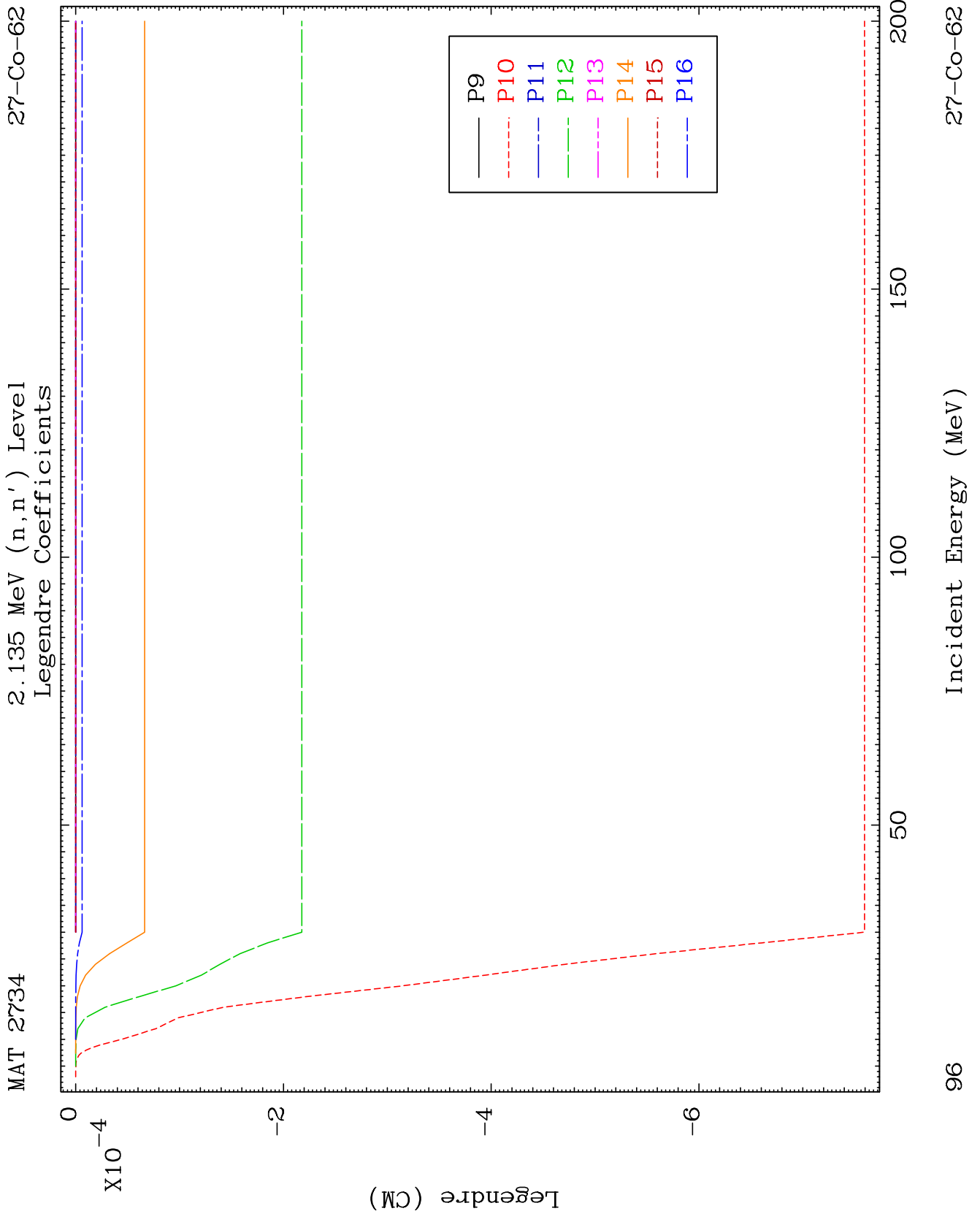
2.079 MeV (n,n') Level
Legendre Coefficients

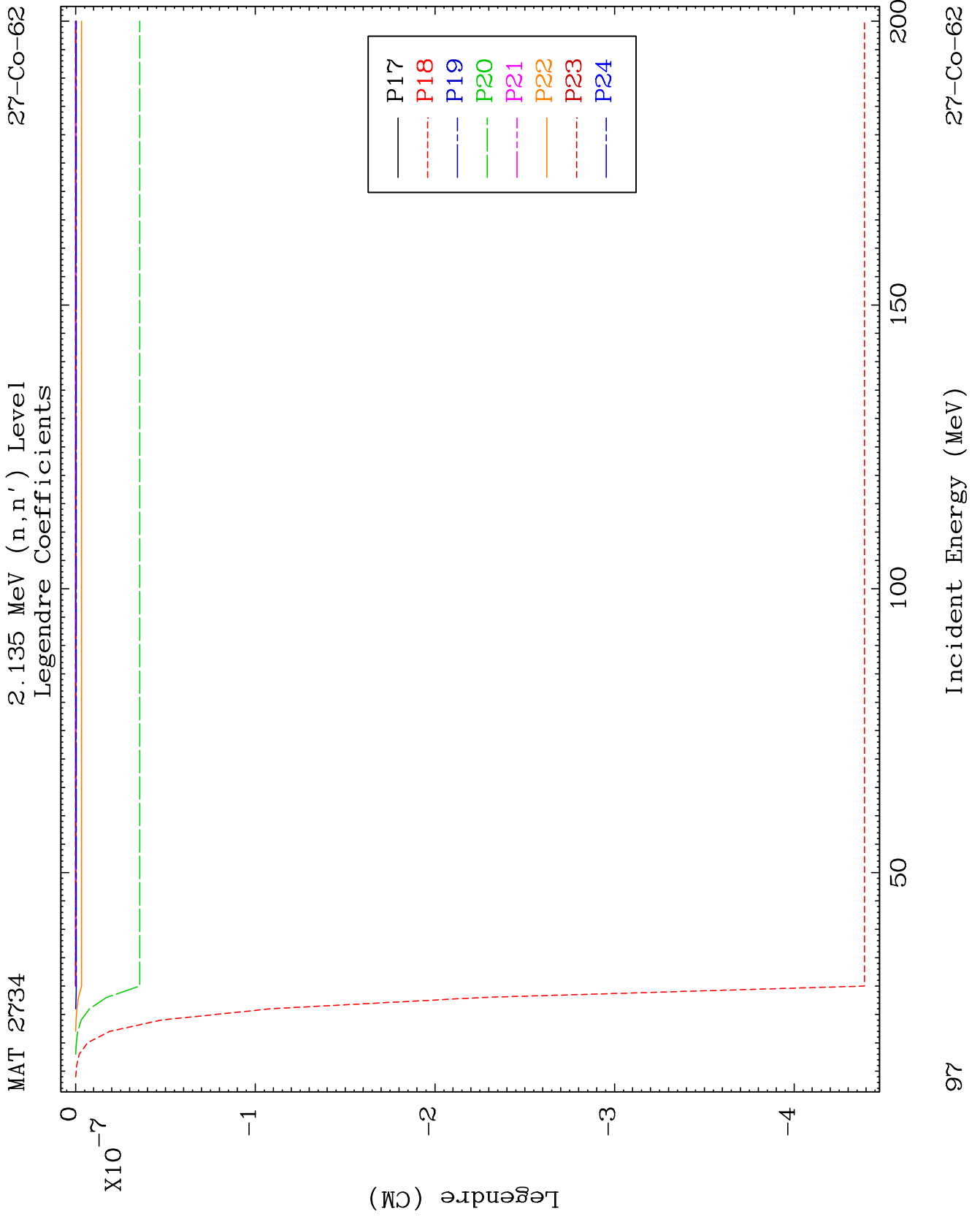
27-Co-62







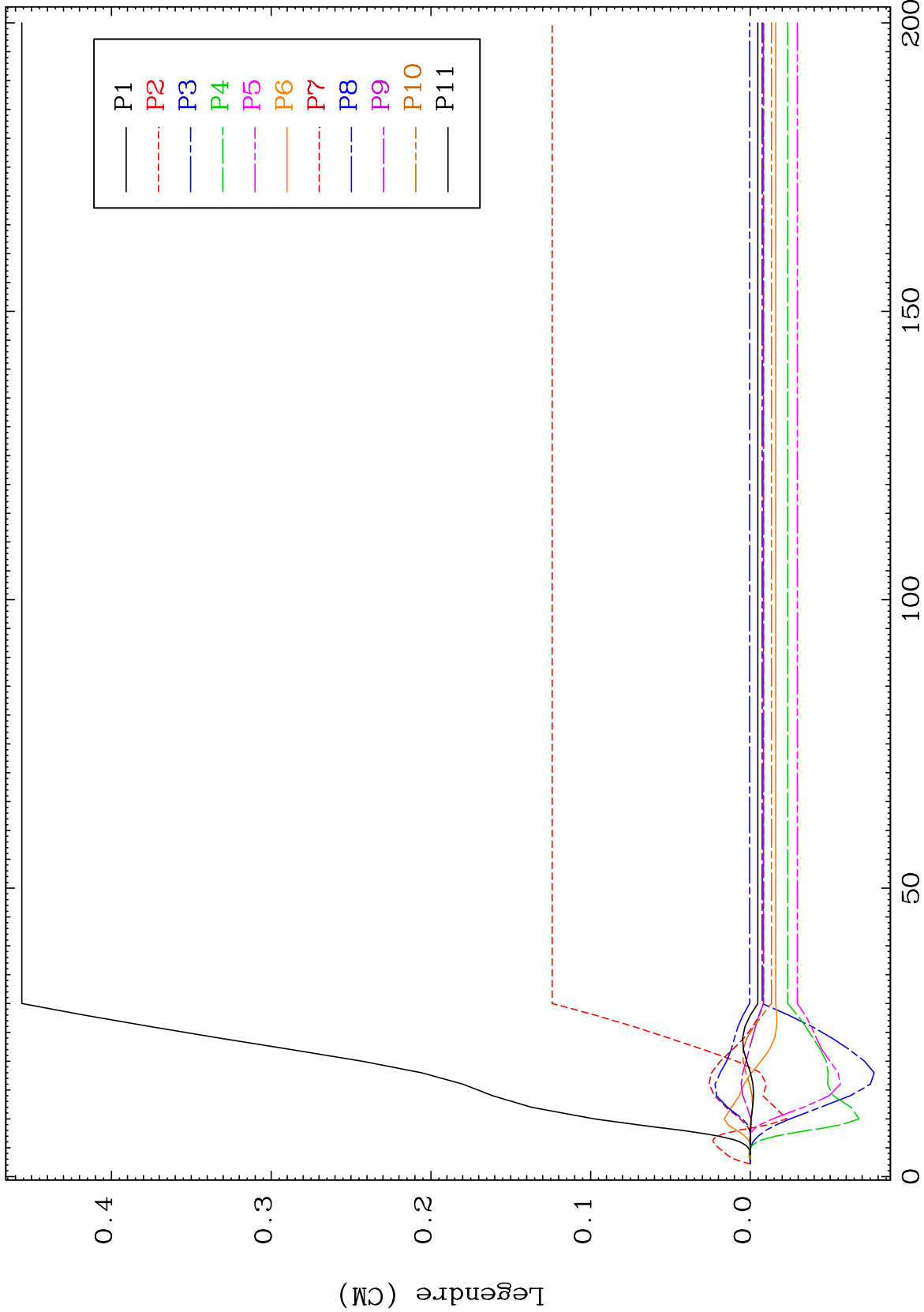




MAT 2734

2.165 MeV (n,n') Level
Legendre Coefficients

27-Co-62



98

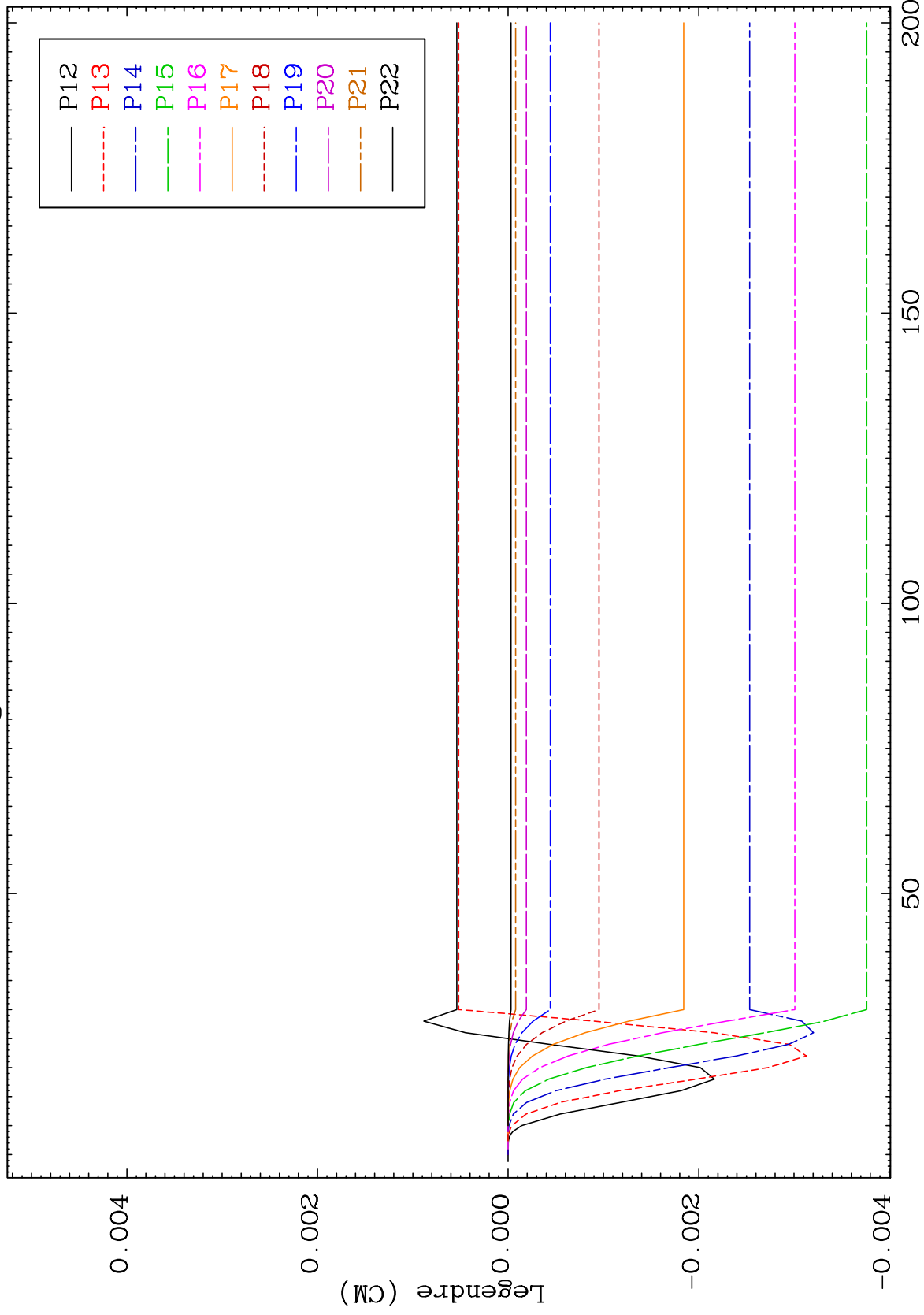
Incident Energy (MeV)

27-Co-62

MAT 2734

2.165 MeV (n,n') Level
Legendre Coefficients

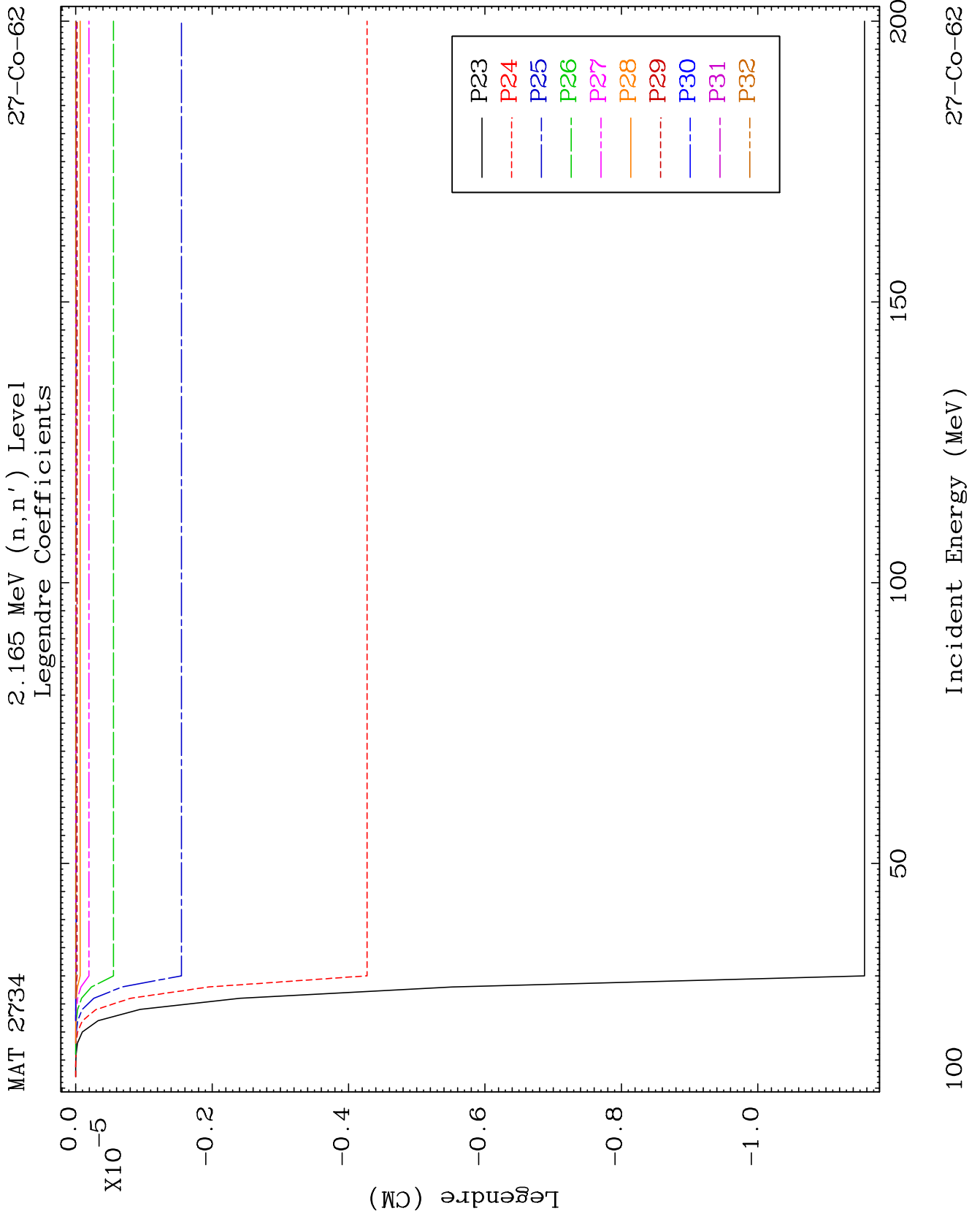
27-Co-62



99

Incident Energy (MeV)

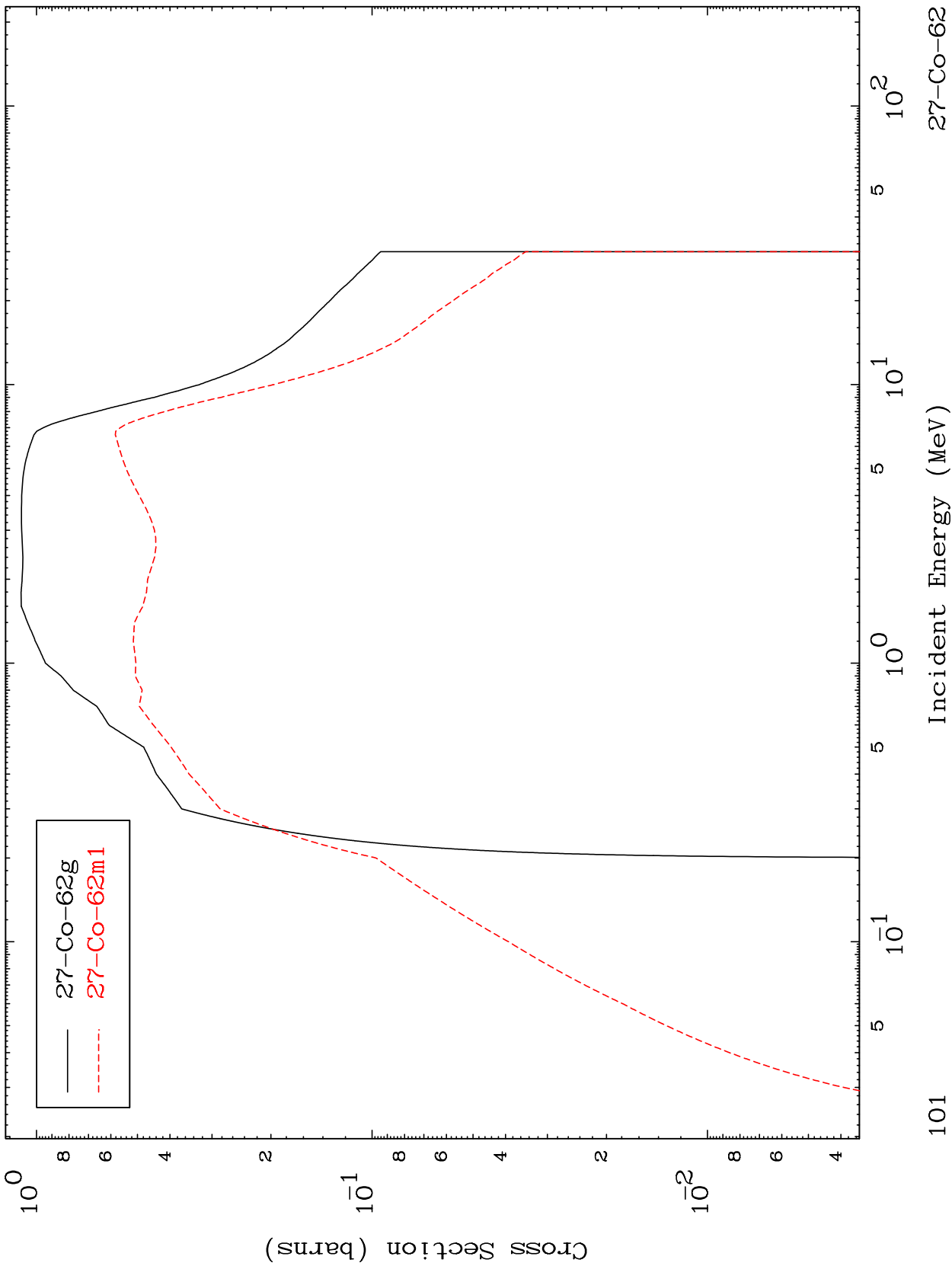
27-Co-62



MAT 2734

²⁷Co-62

Radionuclide Production Cross Section



— 27-Co-62g
- - - 27-Co-62m1

101

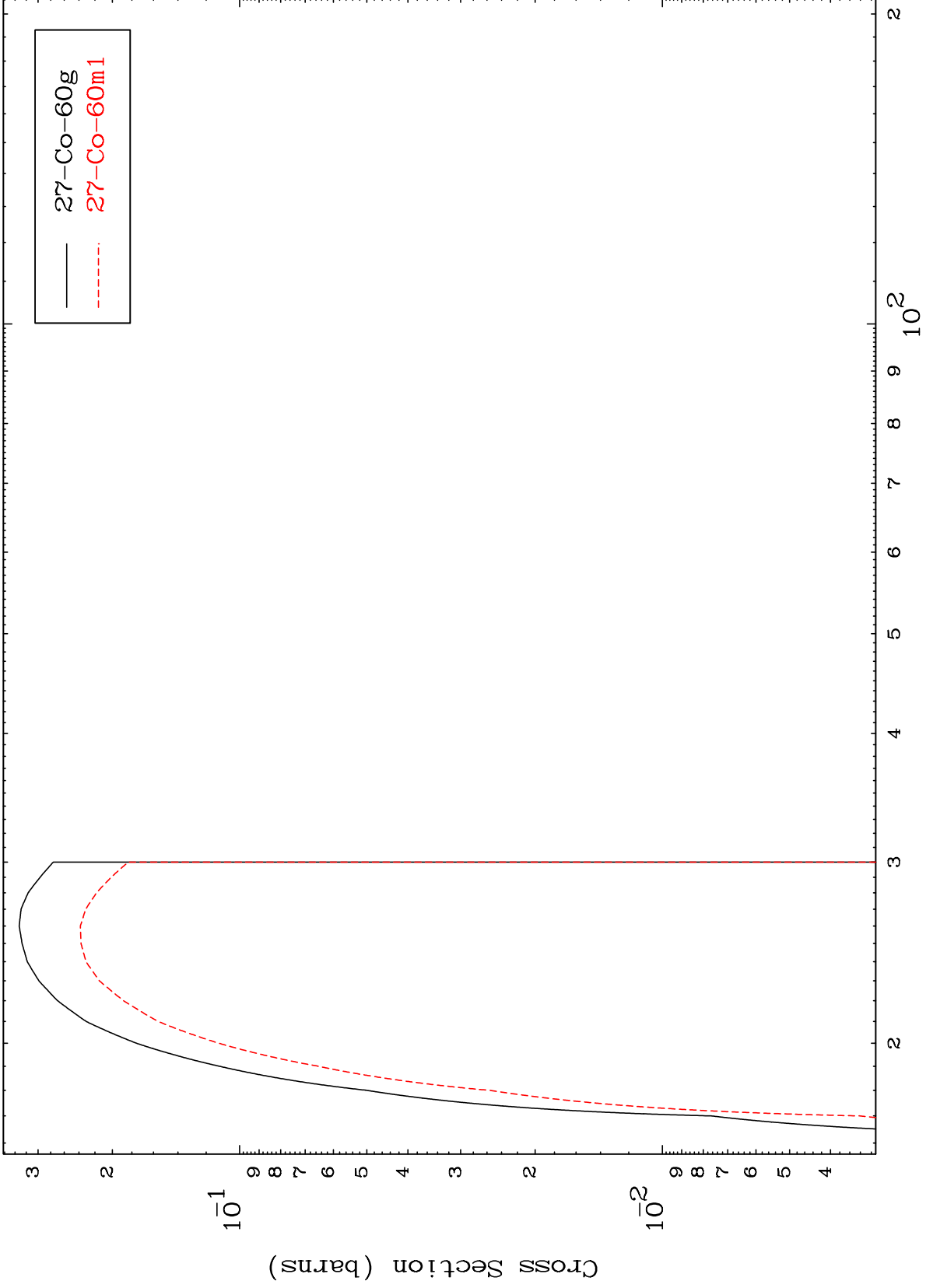
²⁷Co-62

MAT 2734

(n,3n)

²⁷Co-62

Radionuclide Production Cross Section



102

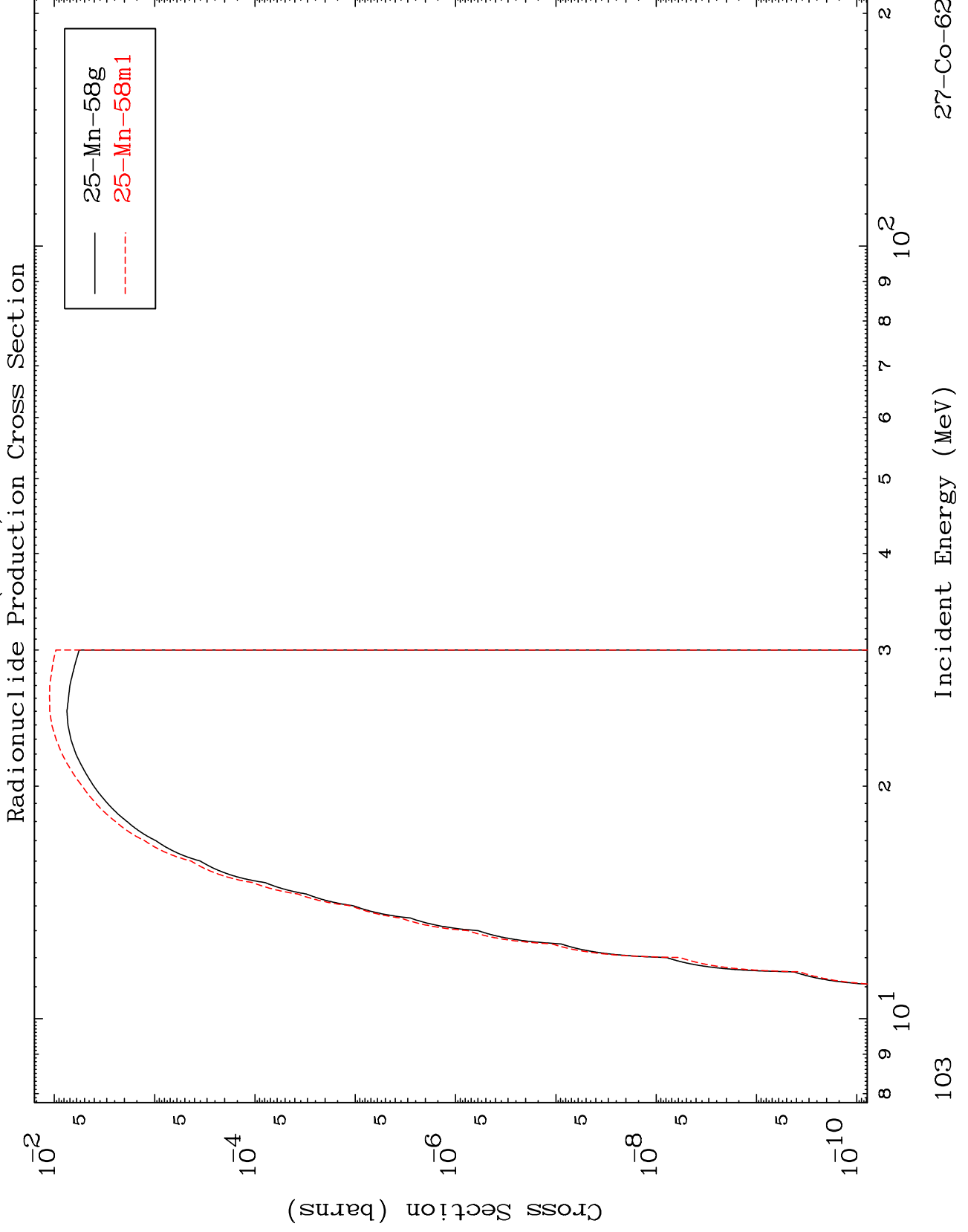
Incident Energy (MeV)

²⁷Co-62

MAT 2734

$(n, n') \alpha$

27-Co-62

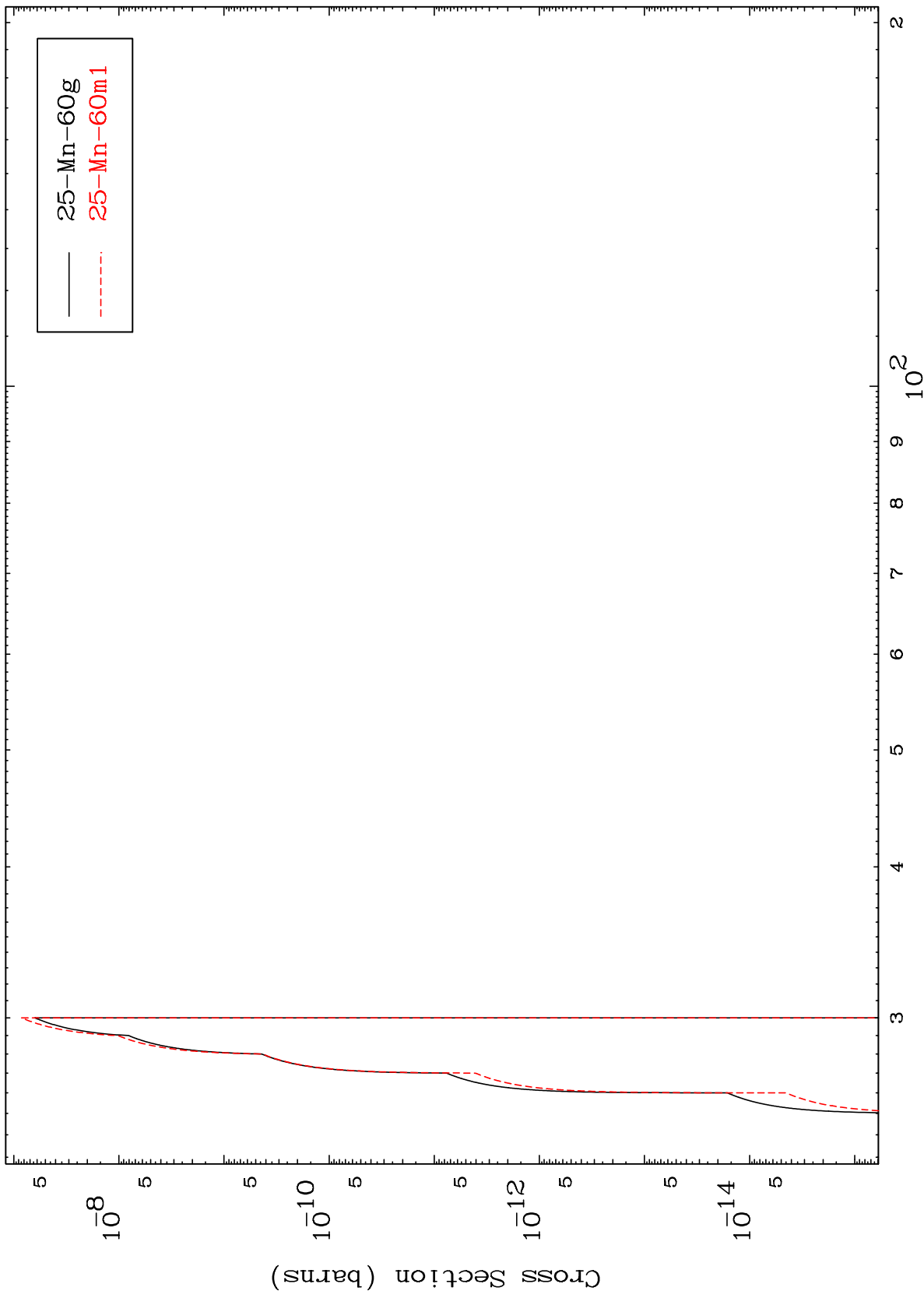


103

MAT 2734

27-Co-62

(n,2n) p
Radionuclide Production Cross Section



104

Incident Energy (MeV)

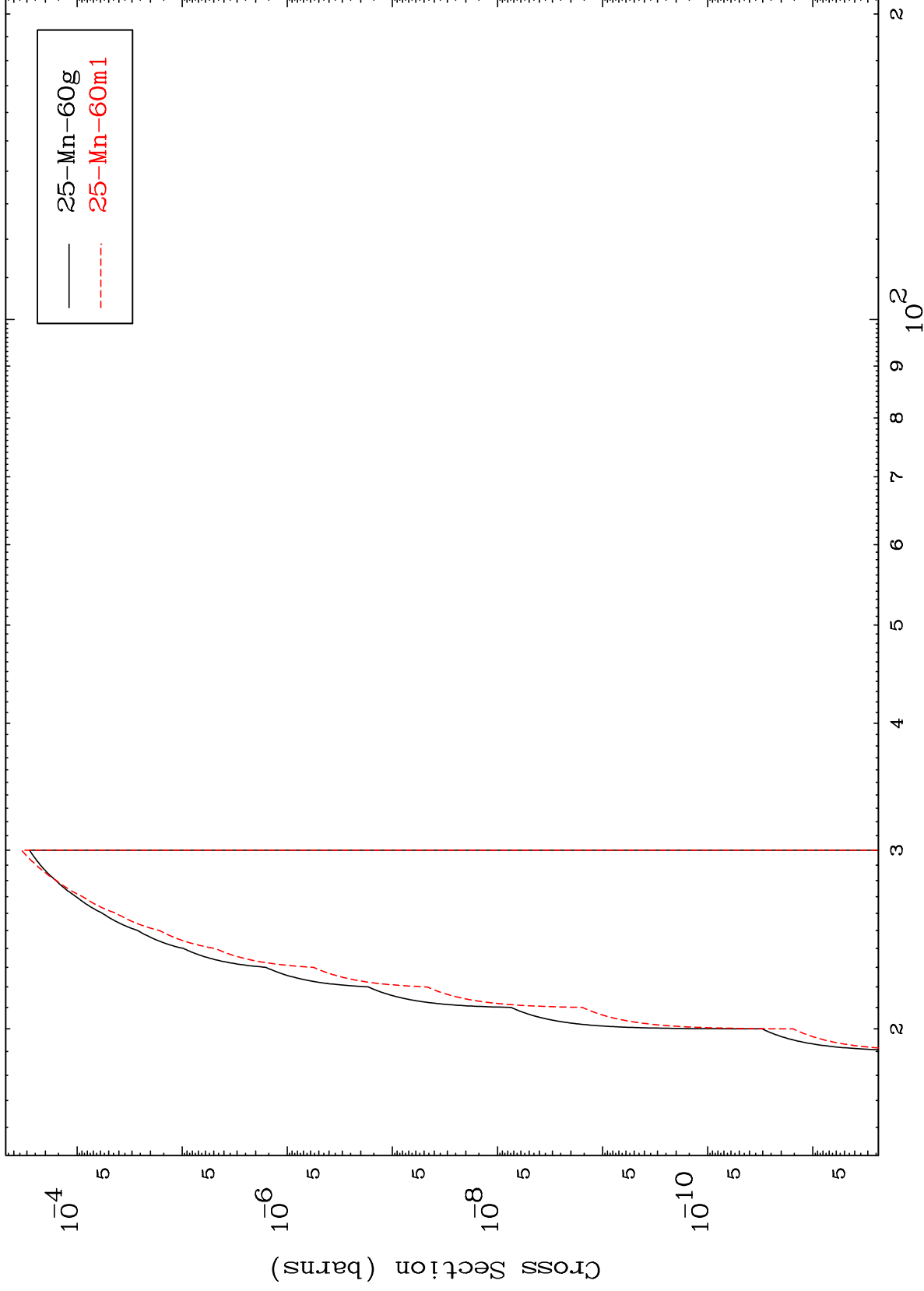
27-Co-62

MAT 2734

(n,He-3)

27-Co-62

Radionuclide Production Cross Section



105

Incident Energy (MeV)

27-Co-62

Radionuclide Production Cross Section

