

Program EVALPLOT
(Version 2021-1)

by

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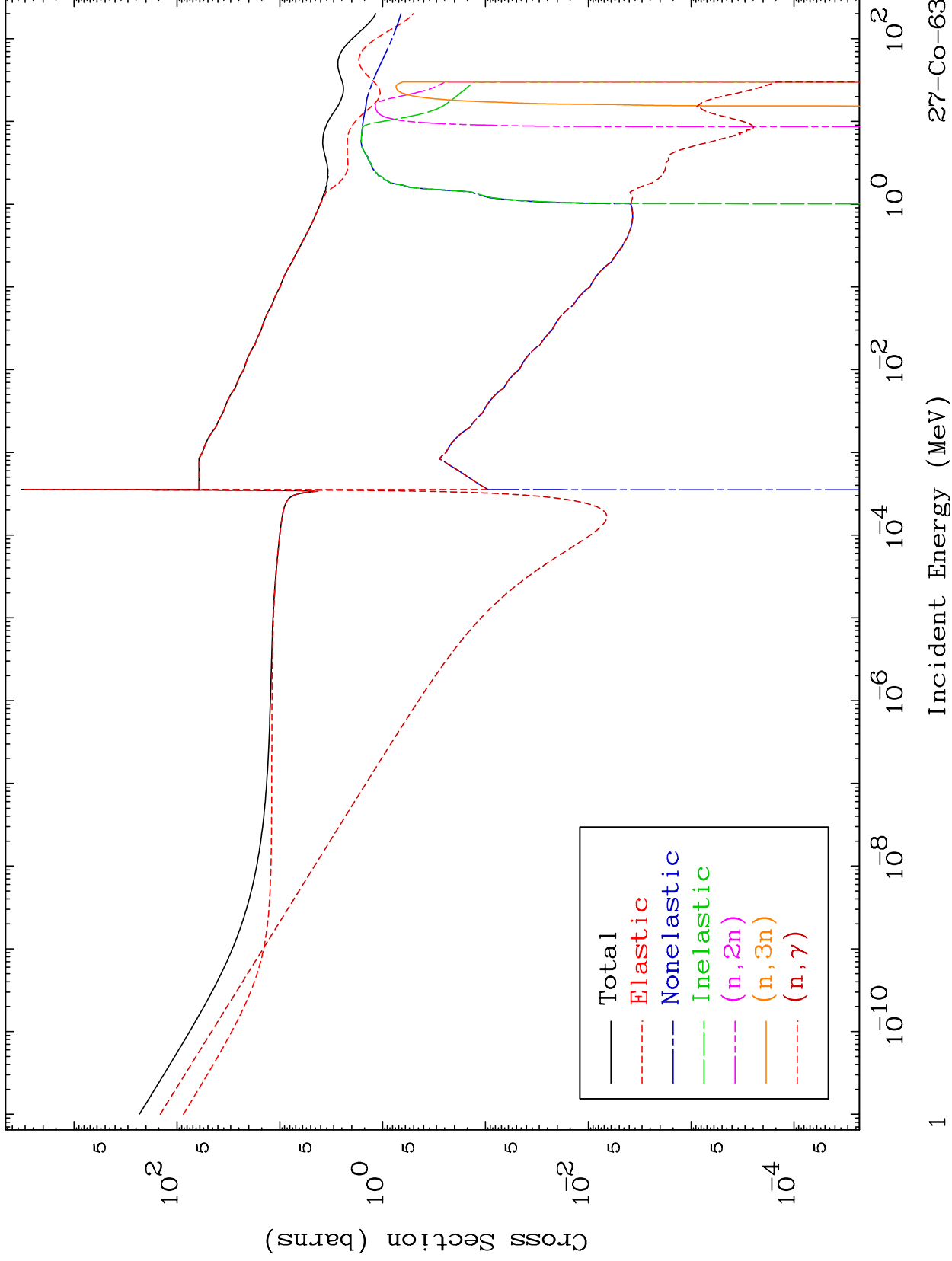
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Press Mouse Button to Start

MAT 2737

Neutron Major
293 Kelvin Cross Sections

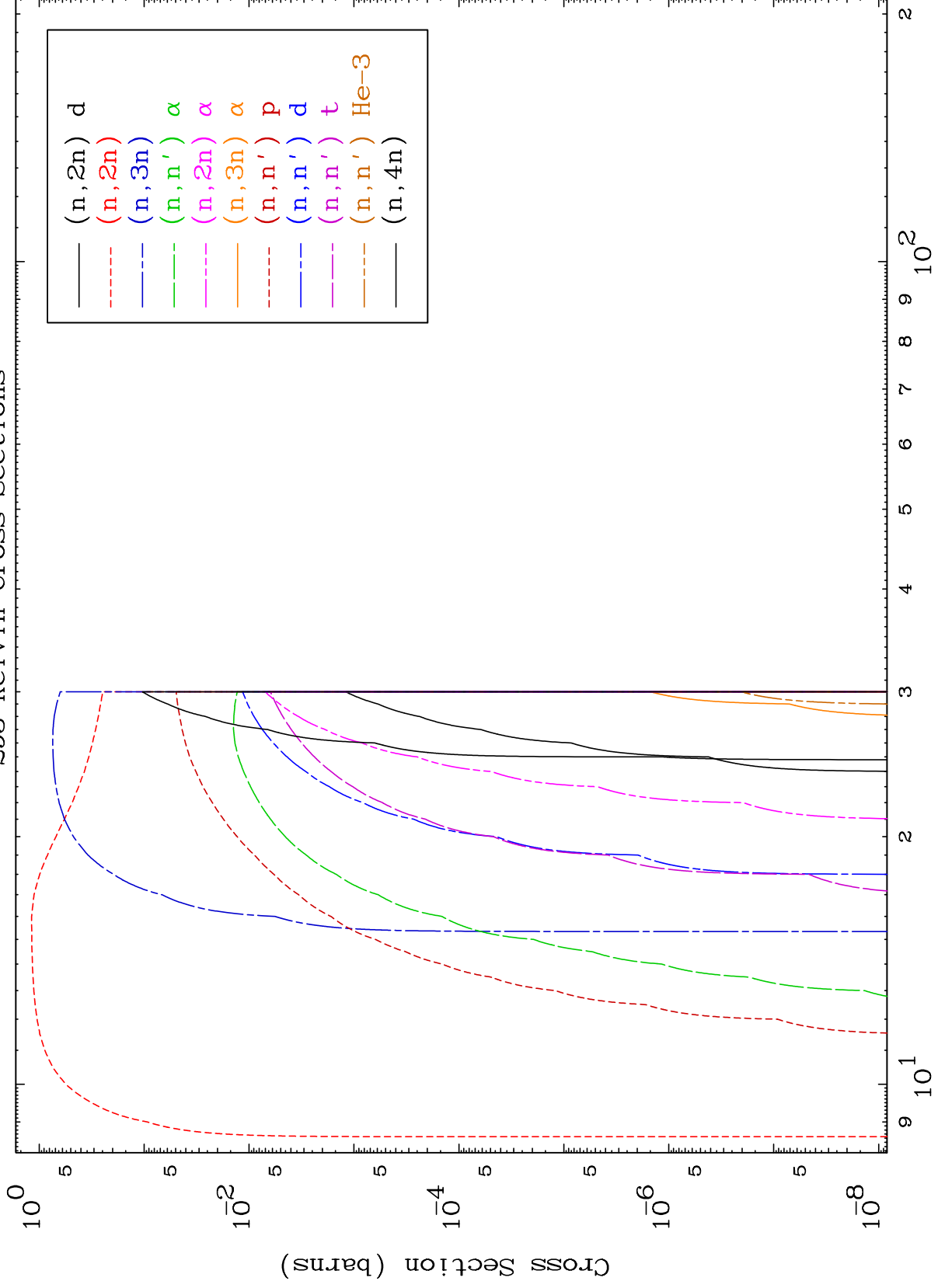
27-Co-63



MAT 2737

Neutron Absorption
293 Kelvin Cross Sections

27-Co-63



2

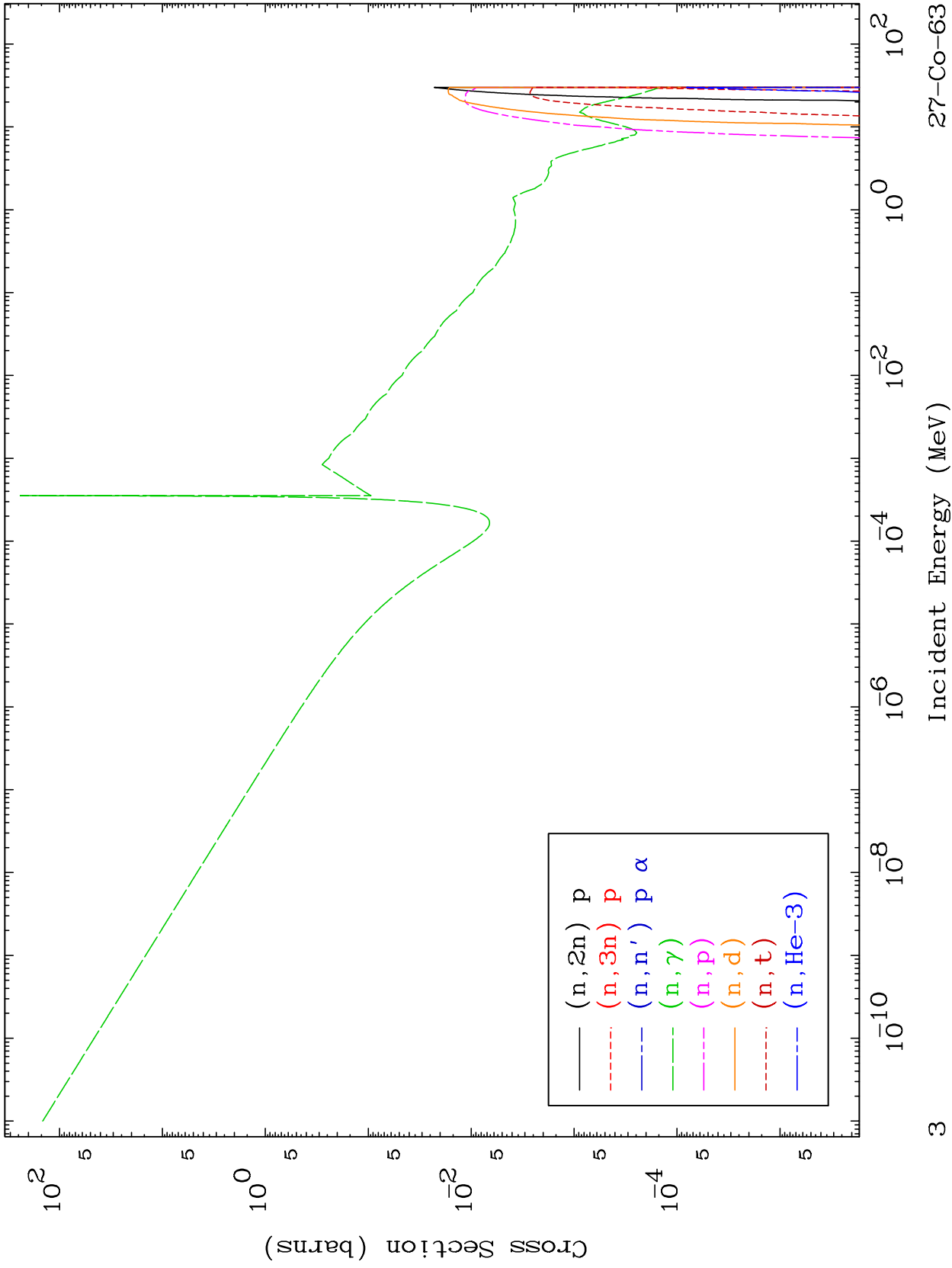
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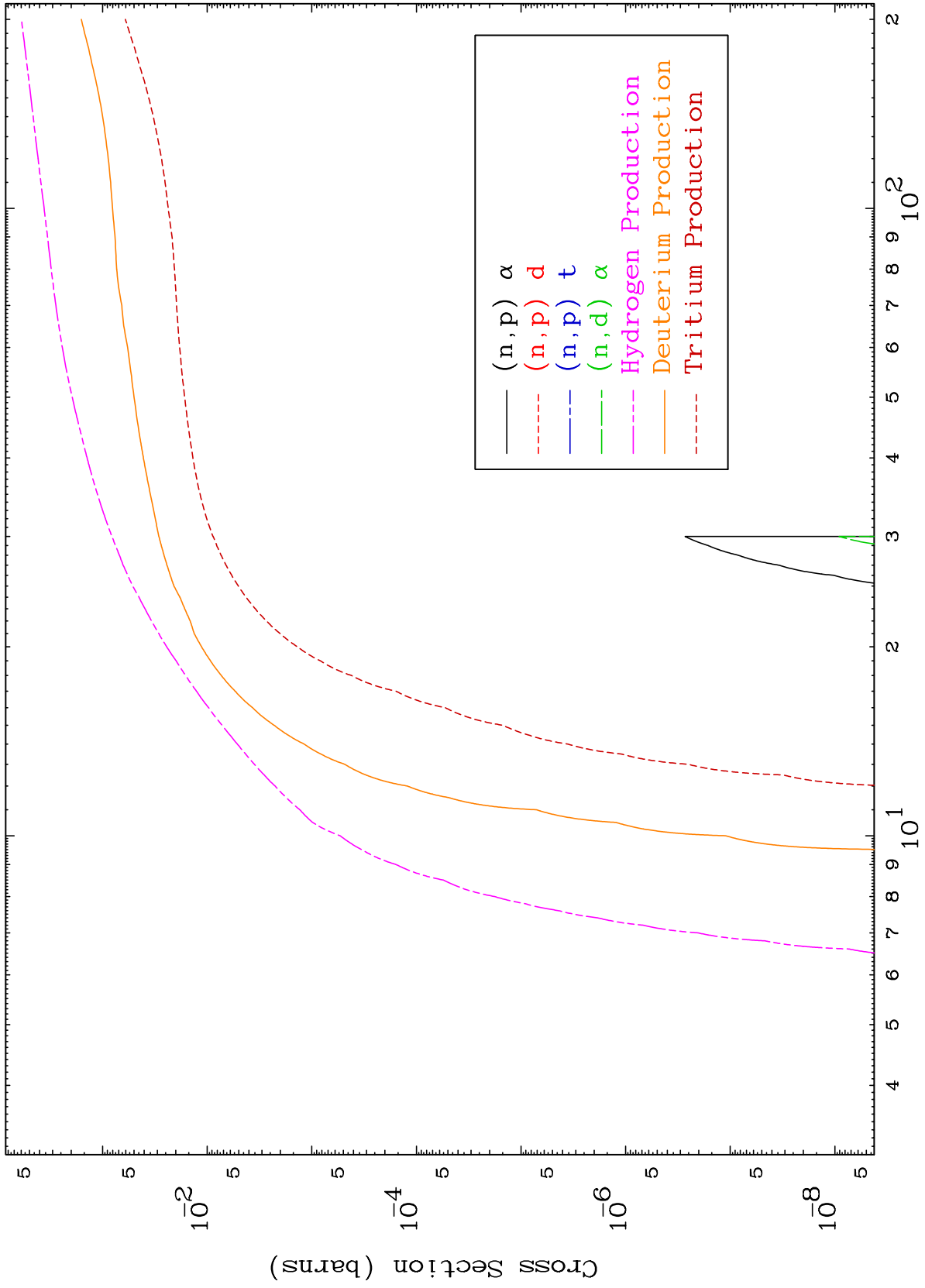
27-Co-63

MAT 2737

Neutron Absorption
293 Kelvin Cross Sections

27-Co-63

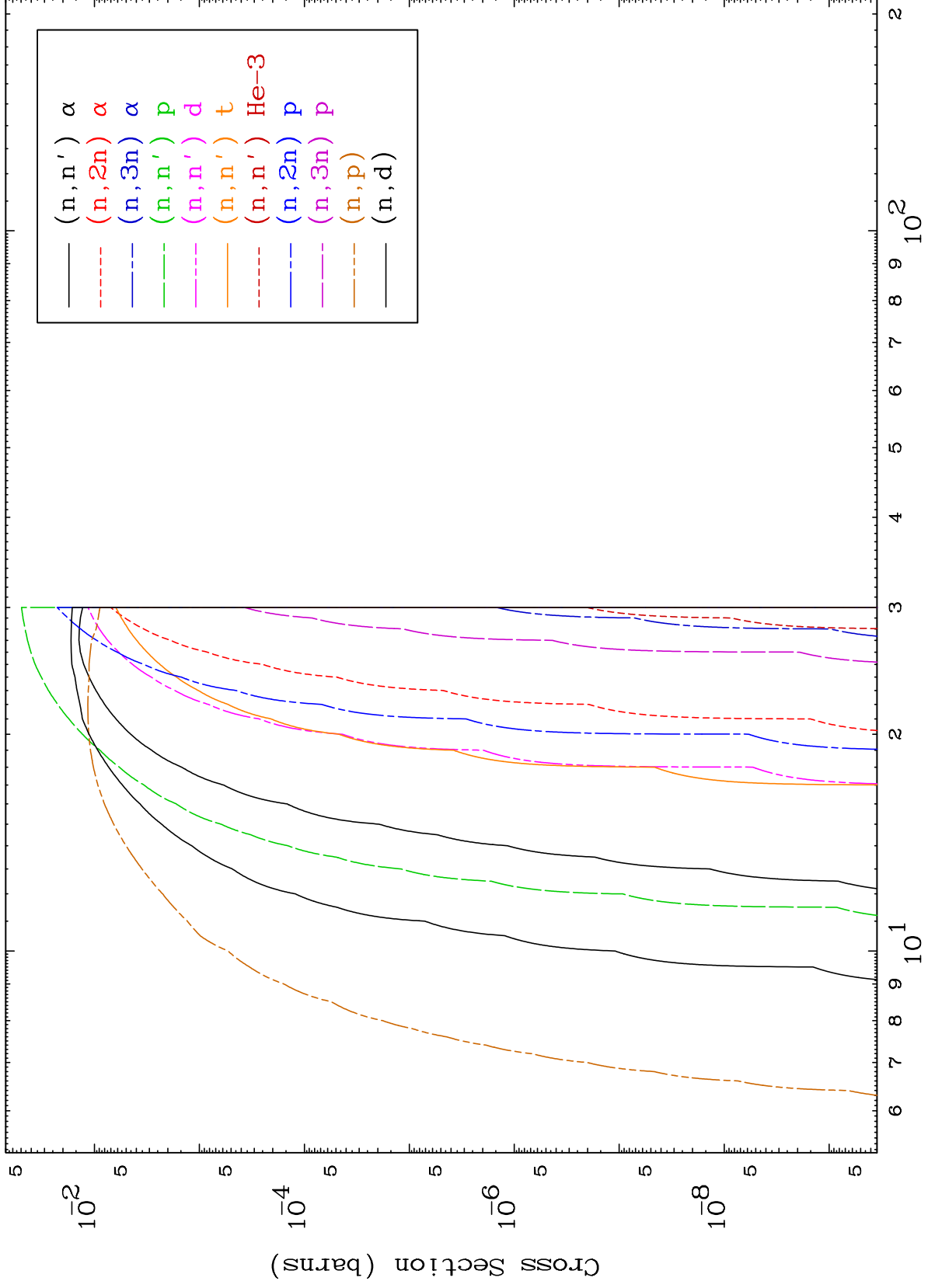




MAT 2737

Charged Particle
293 Kelvin Cross Sections

27-Co-63



5

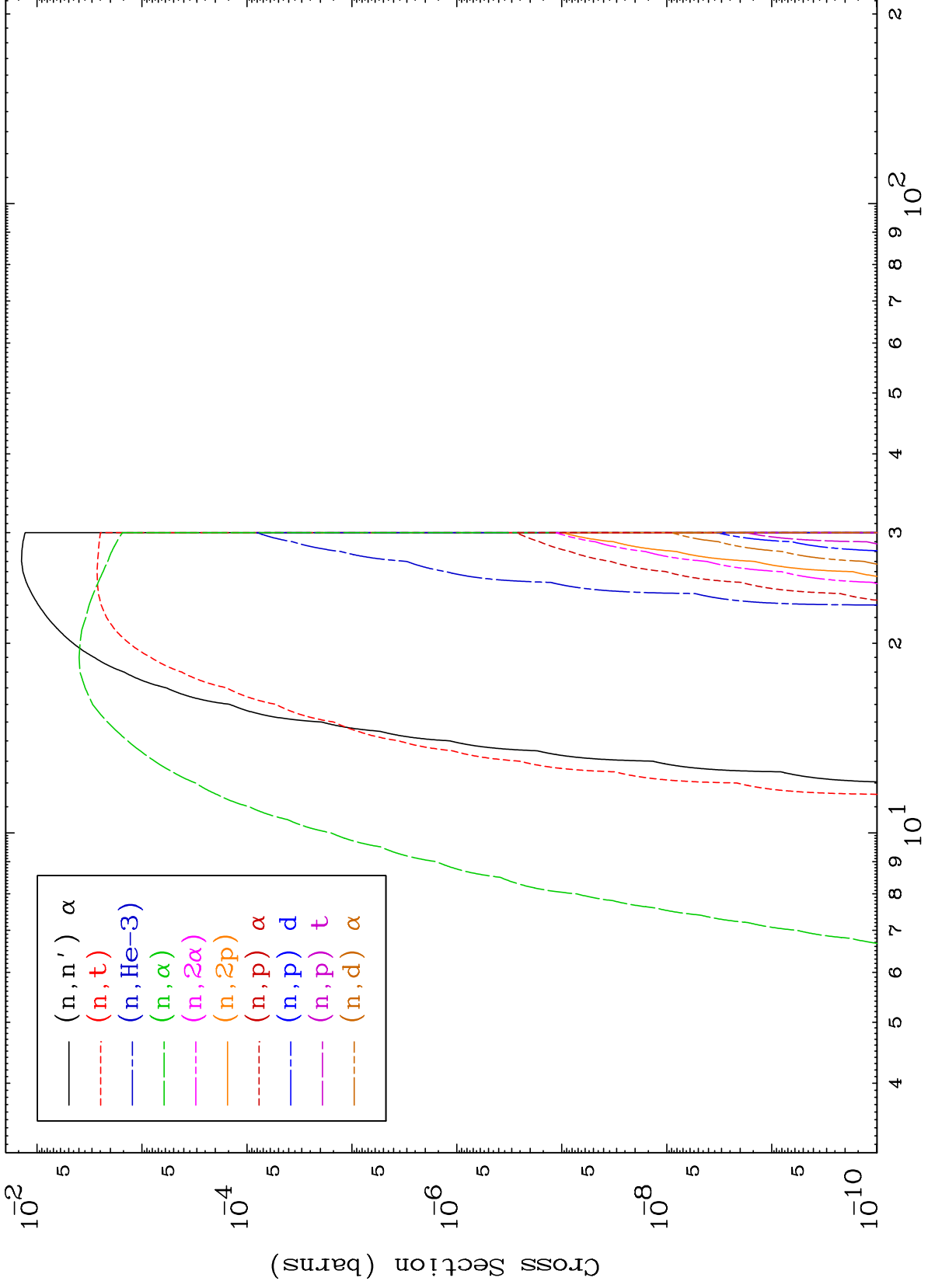
Incident Energy (MeV)

27-Co-63

MAT 2737

Charged Particle
293 Kelvin Cross Sections

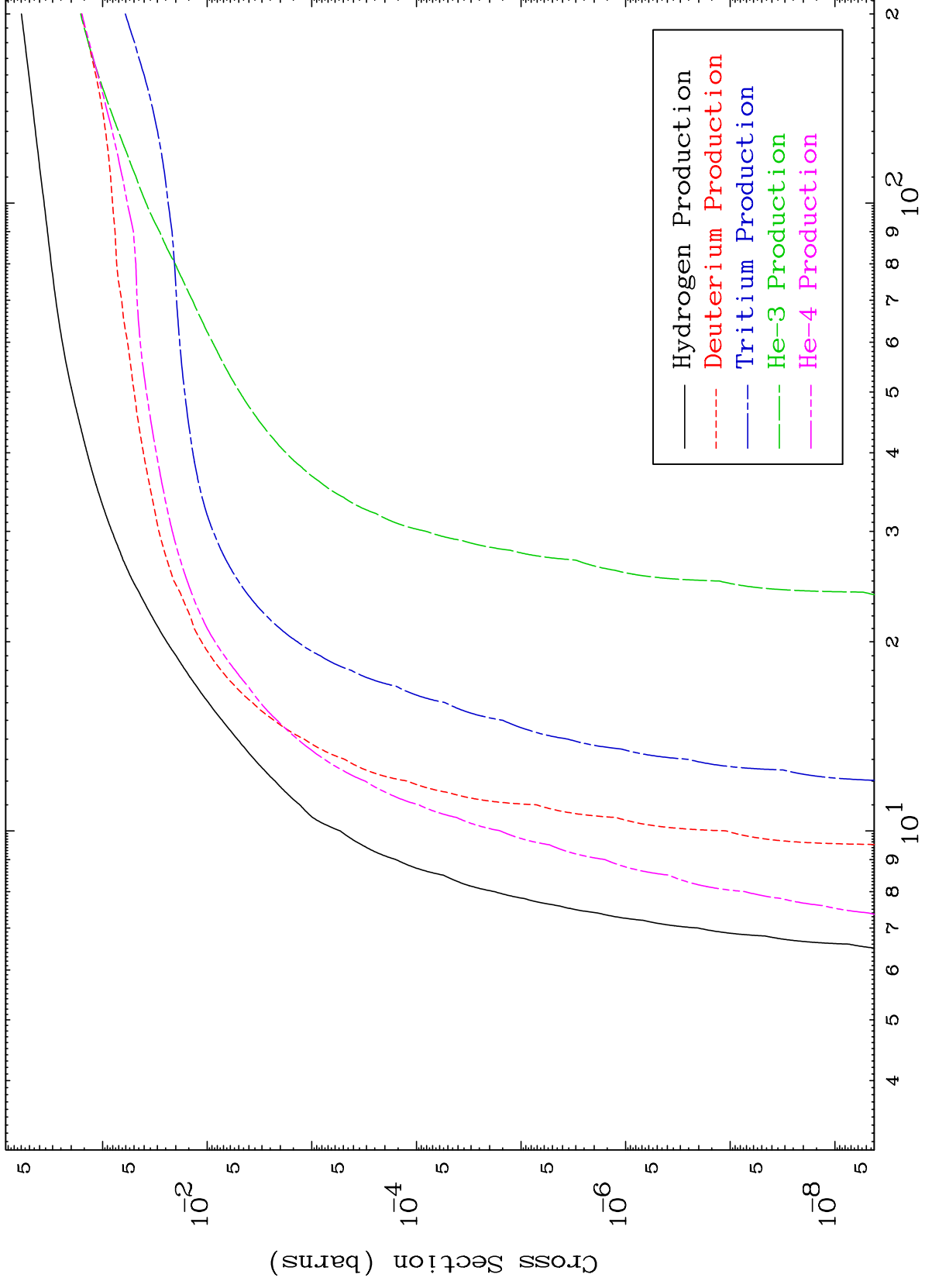
27-Co-63



6

Incident Energy (MeV)

27-Co-63

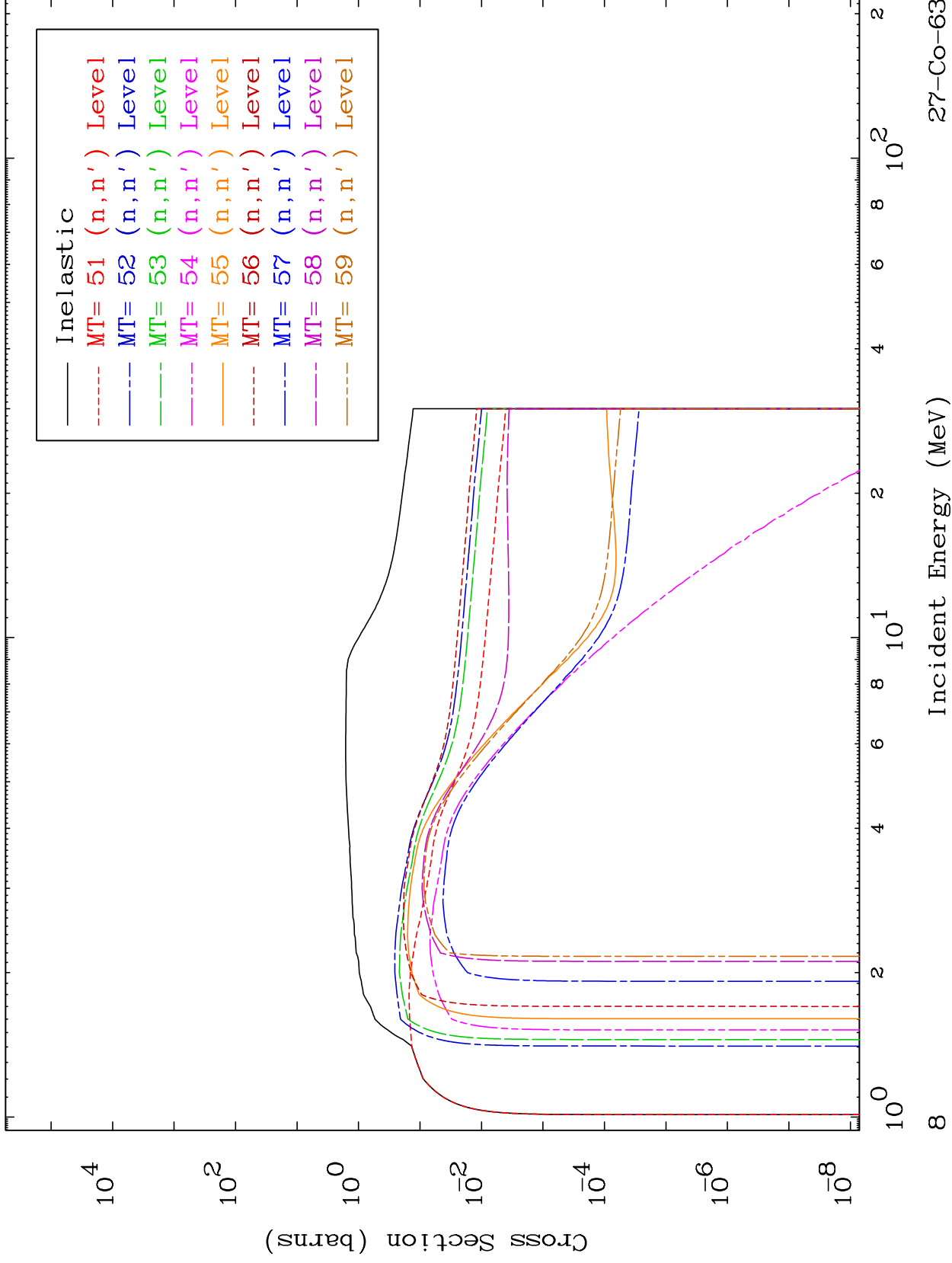


MAT 2737

(n,n') Levels

293 Kelvin Cross Sections

27-Co-63



Incident Energy (MeV)

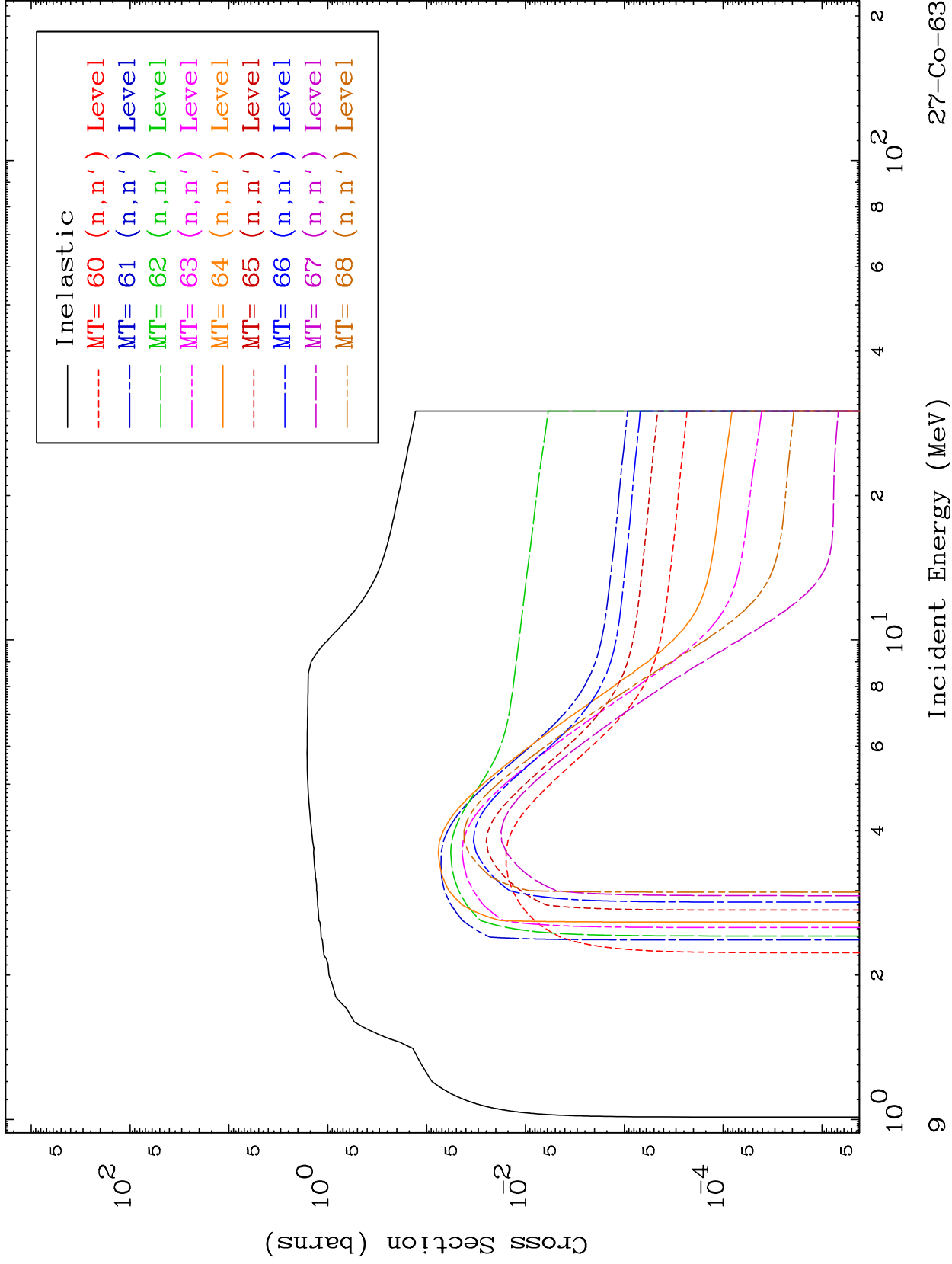
27-Co-63

MAT 2737

(n,n') Levels

27-Co-63

293 Kelvin Cross Sections



Incident Energy (MeV)

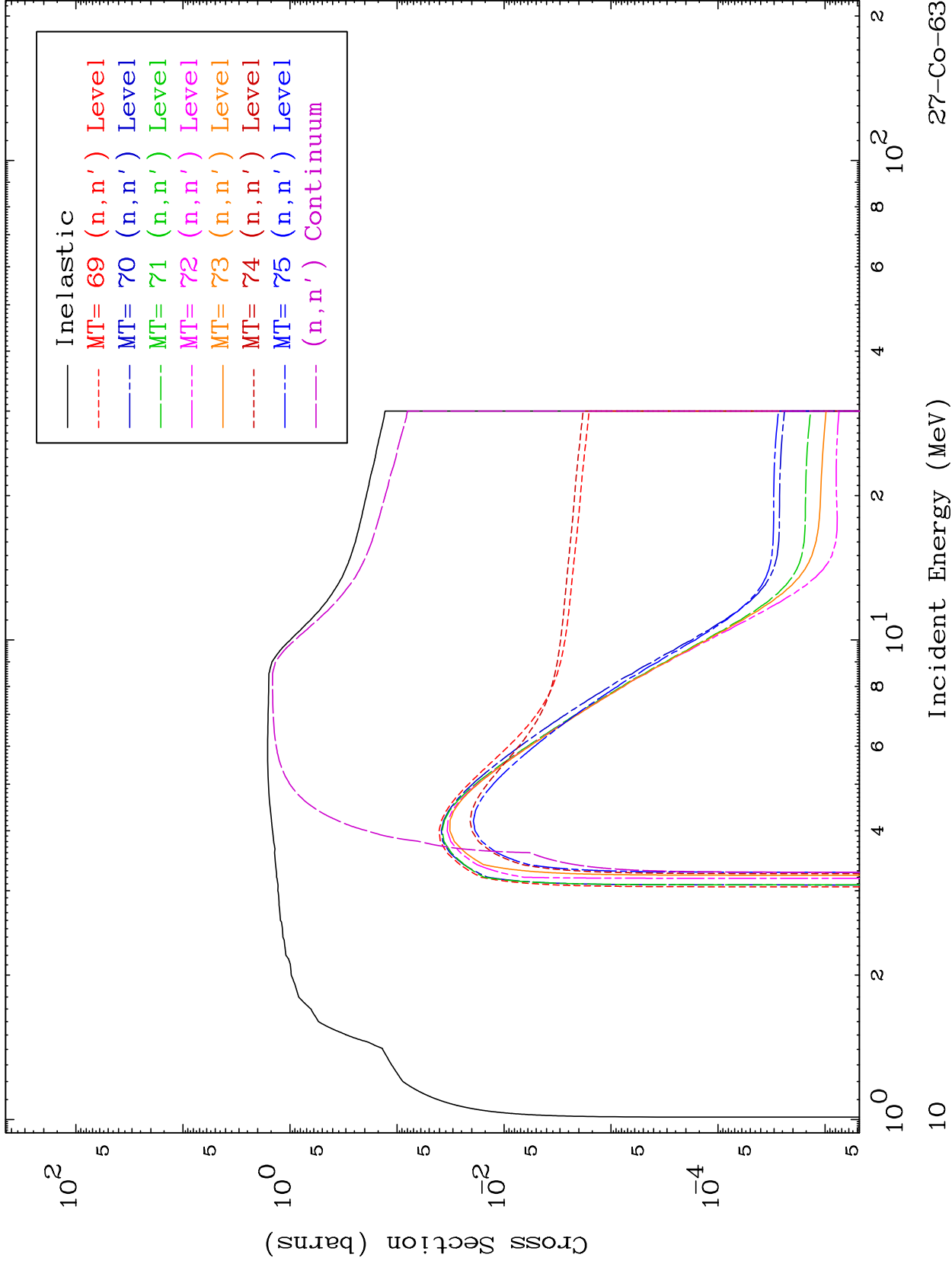
27-Co-63

MAT 2737

(n,n') Levels

293 Kelvin Cross Sections

27-Co-63



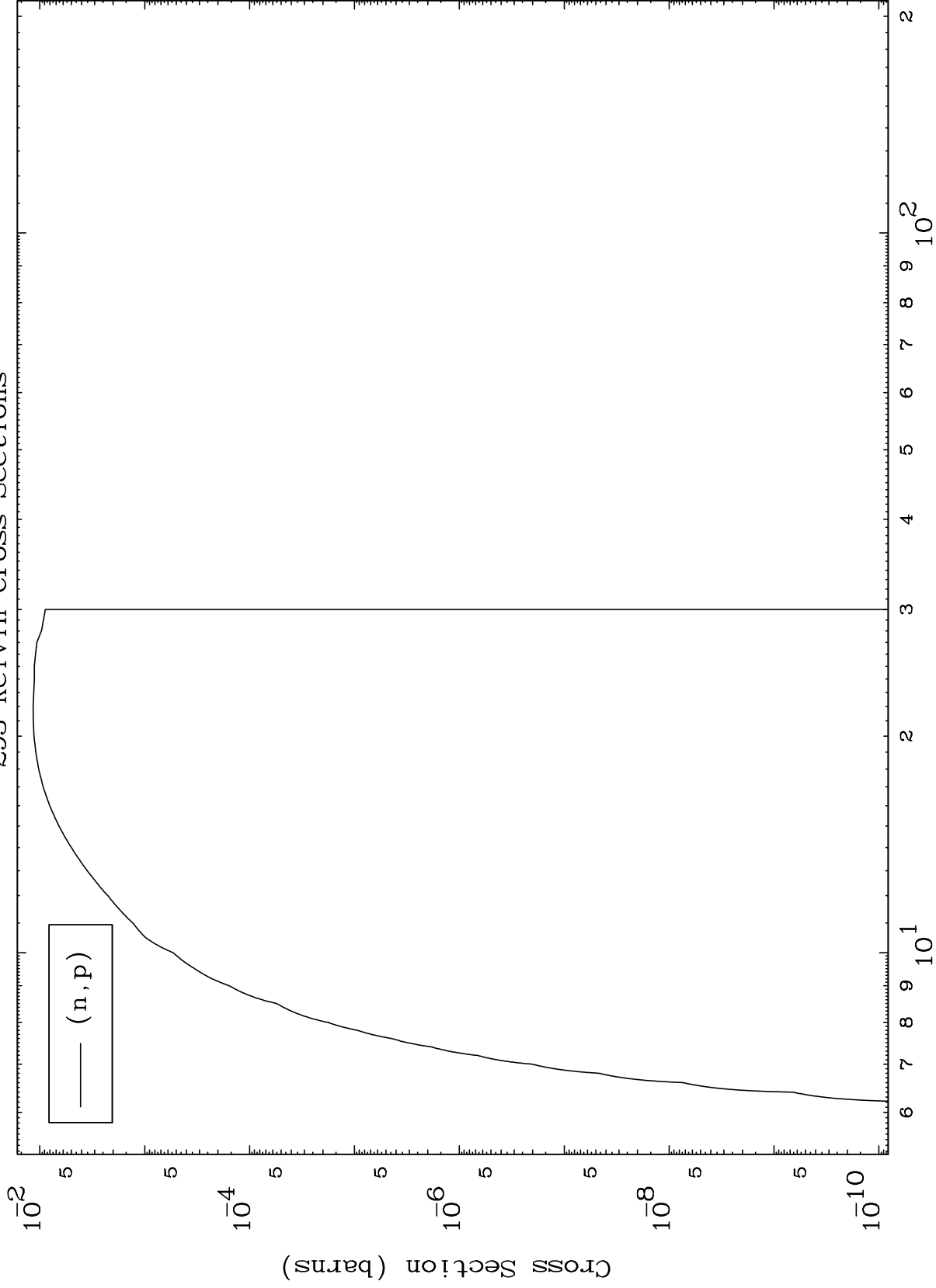
27-Co-63

Incident Energy (MeV)

MAT 2737

(n,p) Levels
293 Kelvin Cross Sections

27-Co-63



11

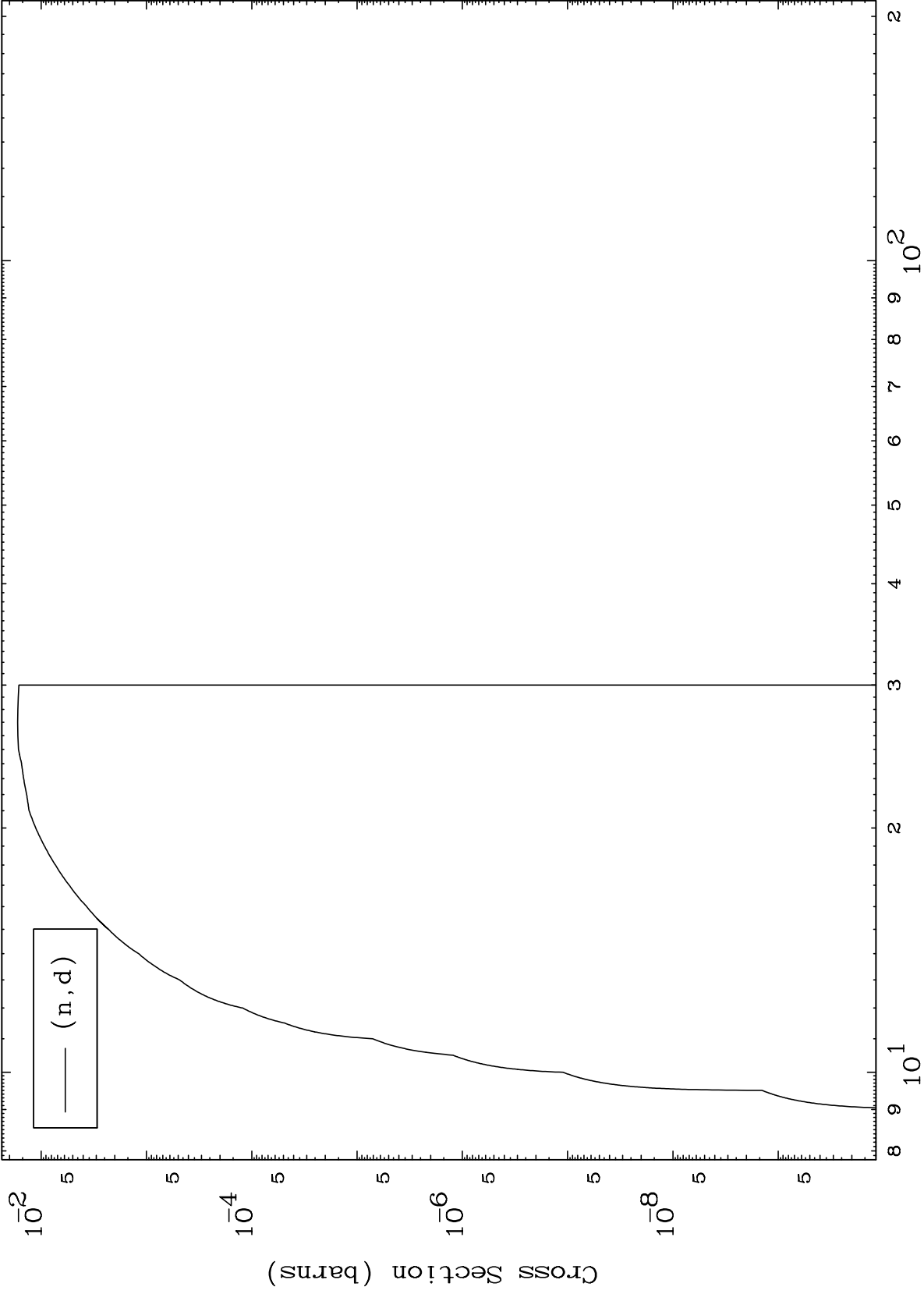
Incident Energy (MeV)

27-Co-63

MAT 2737

(n,d) Levels
293 Kelvin Cross Sections

27-Co-63



12

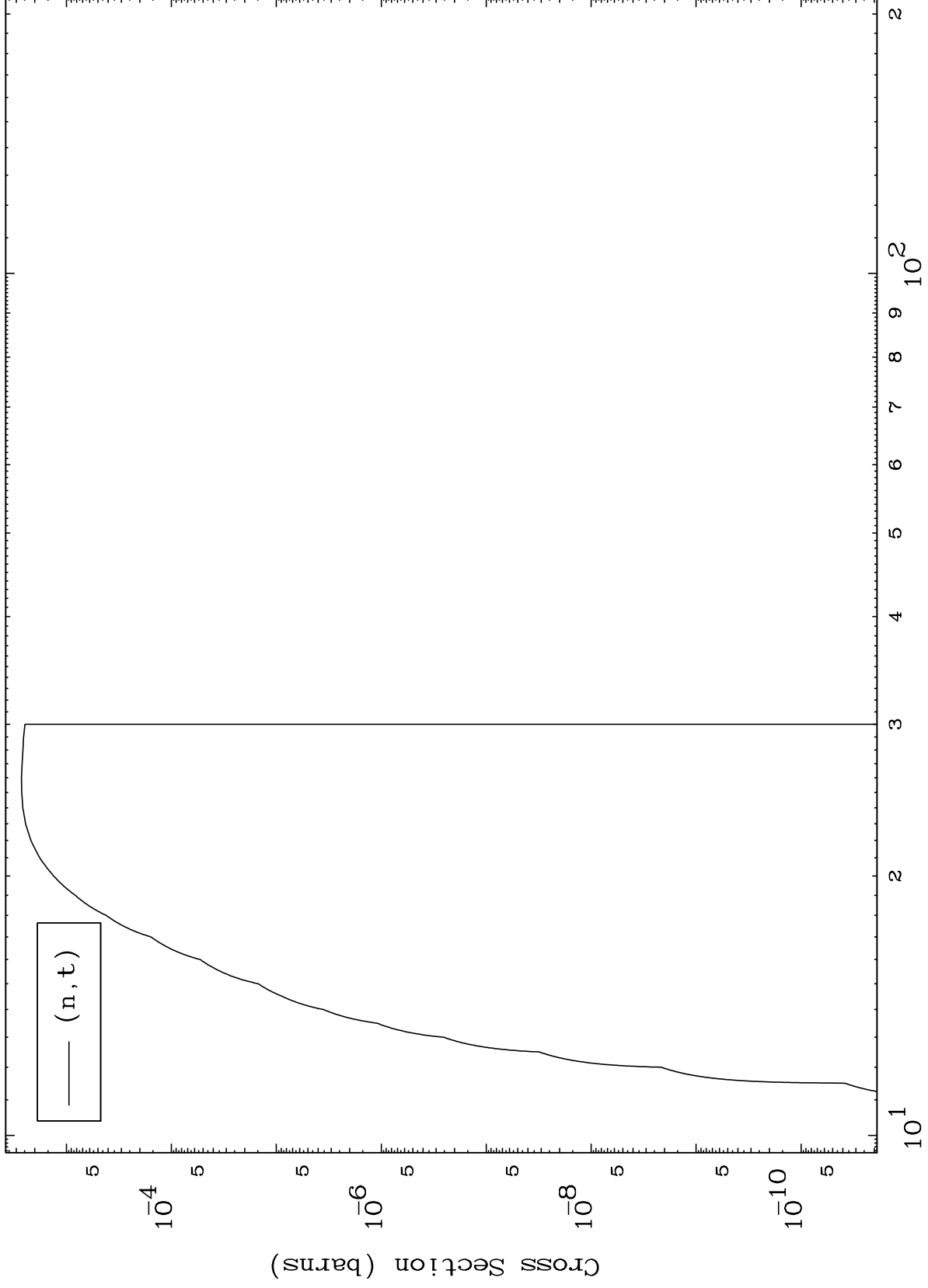
Incident Energy (MeV)

27-Co-63

MAT 2737

(n,t) Levels
293 Kelvin Cross Sections

27-Co-63



13

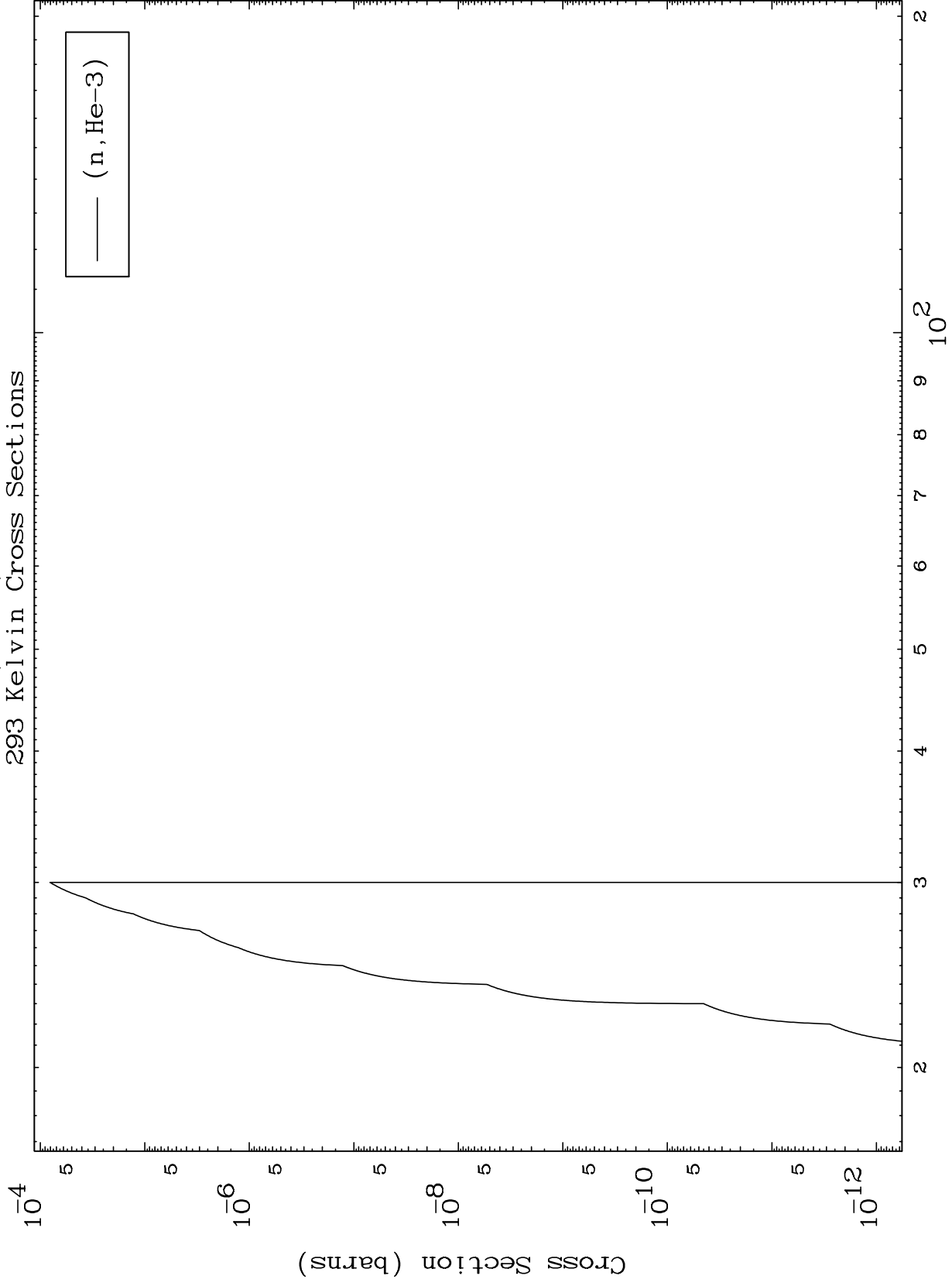
Incident Energy (MeV)

27-Co-63

MAT 2737

(n,He3) Levels
293 Kelvin Cross Sections

27-Co-63



14

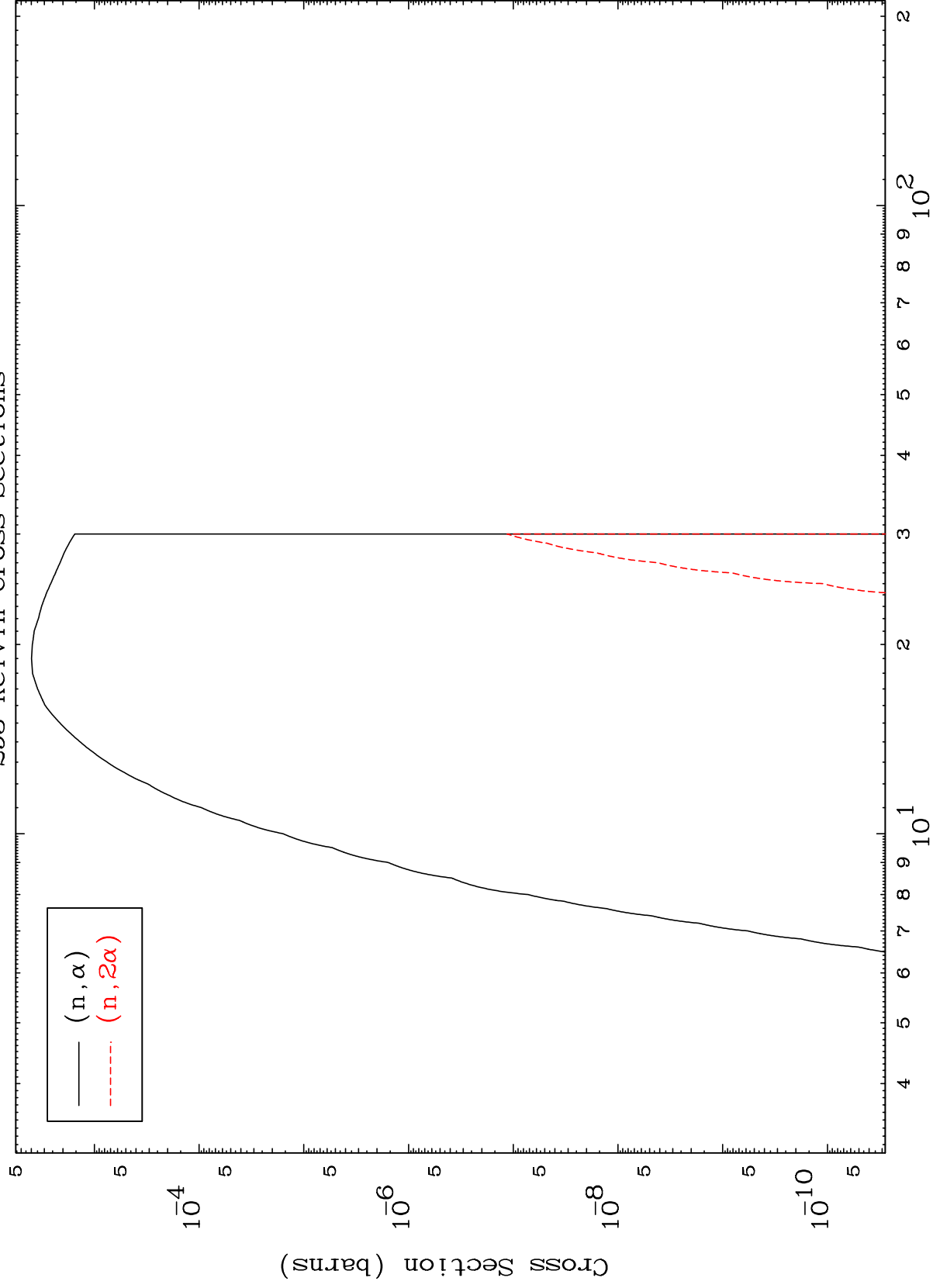
Incident Energy (MeV)

27-Co-63

MAT 2737

(n, α) Levels
293 Kelvin Cross Sections

27-Co-63



15

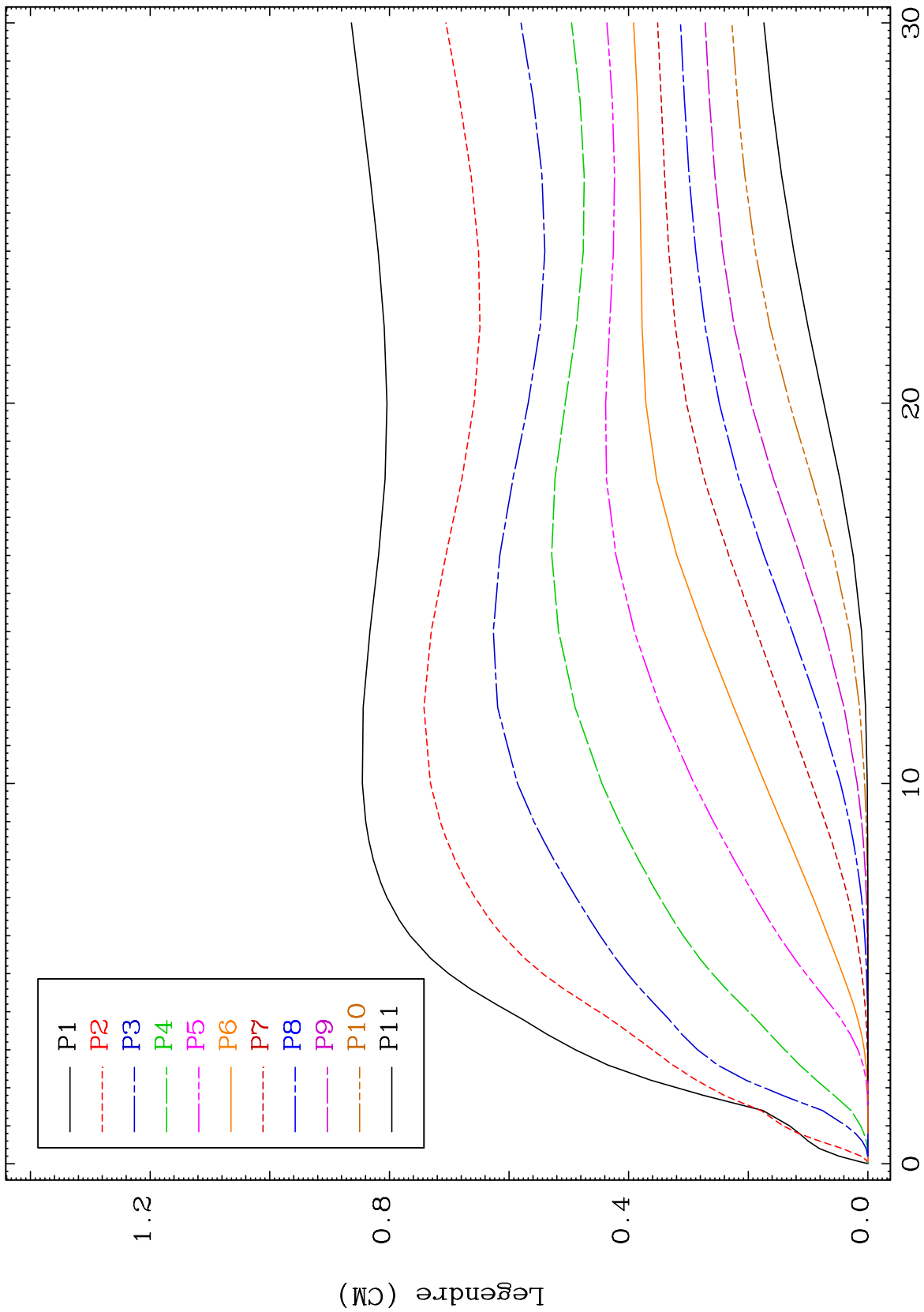
Incident Energy (MeV)

27-Co-63

MAT 2737

Elastic Legendre Coefficients

27-Co-63



27-Co-63

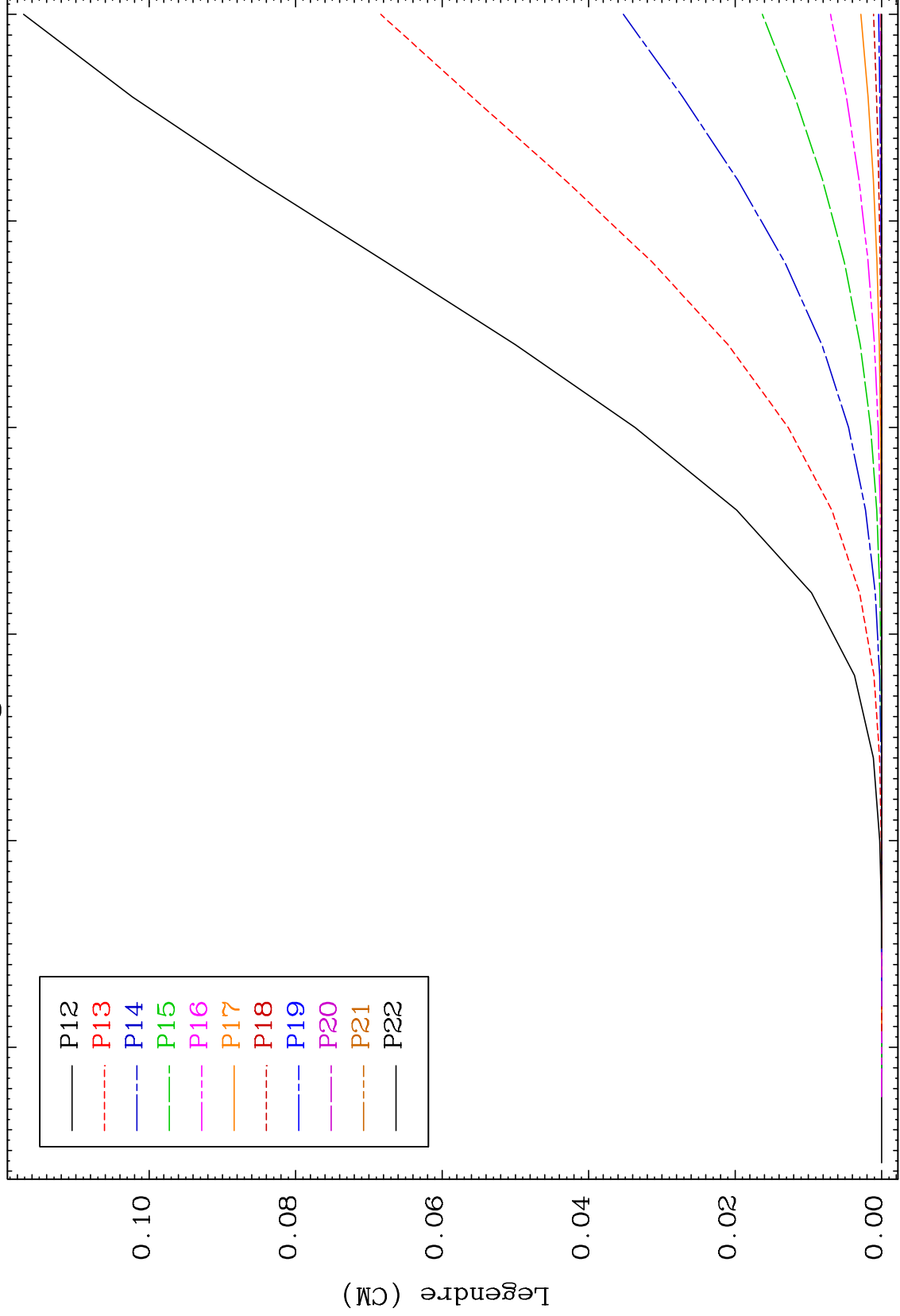
Incident Energy (MeV)

16

MAT 2737

Elastic Legendre Coefficients

27-Co-63



17

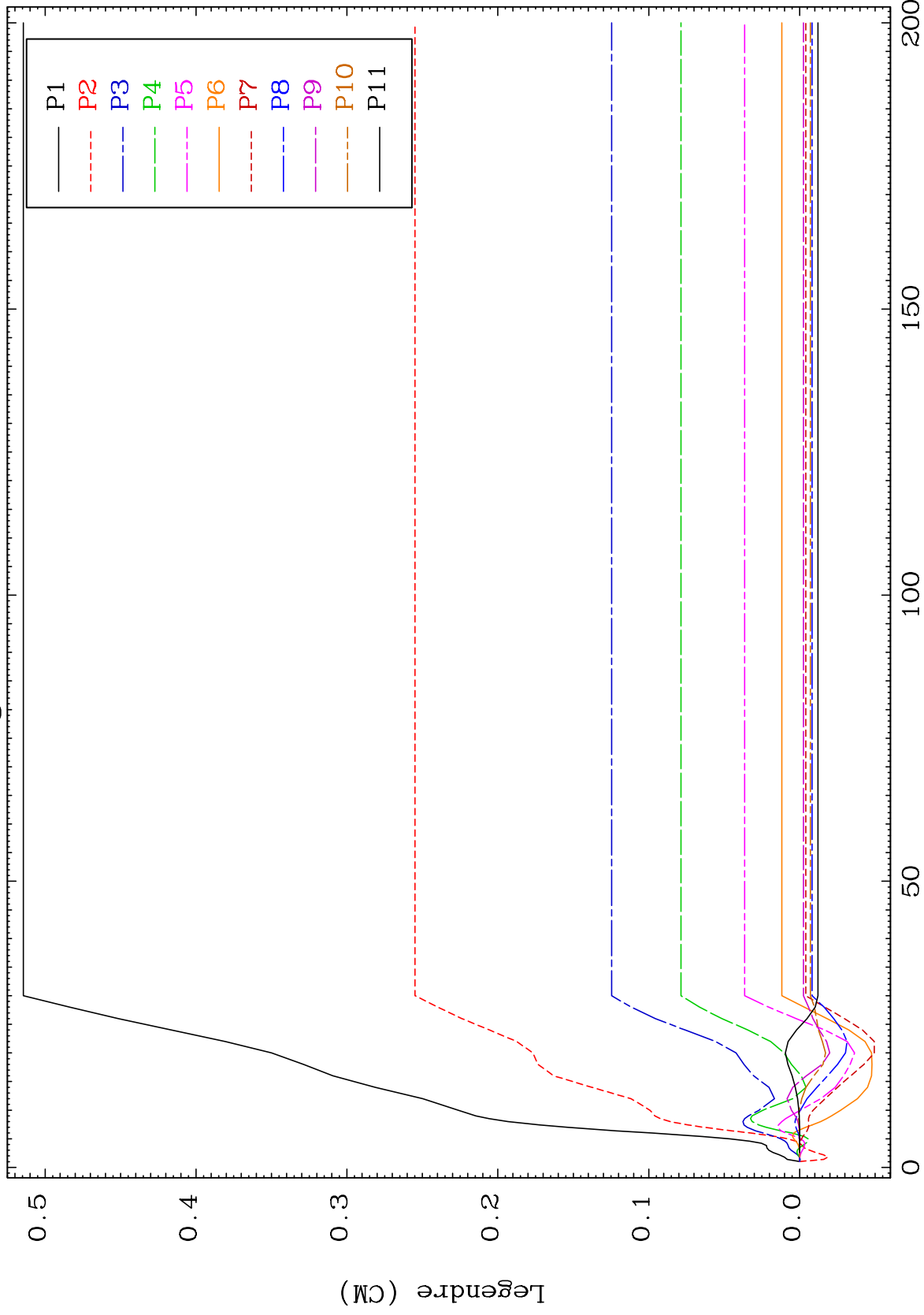
Incident Energy (MeV)

27-Co-63

MAT 2737

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

27-Co-63



19

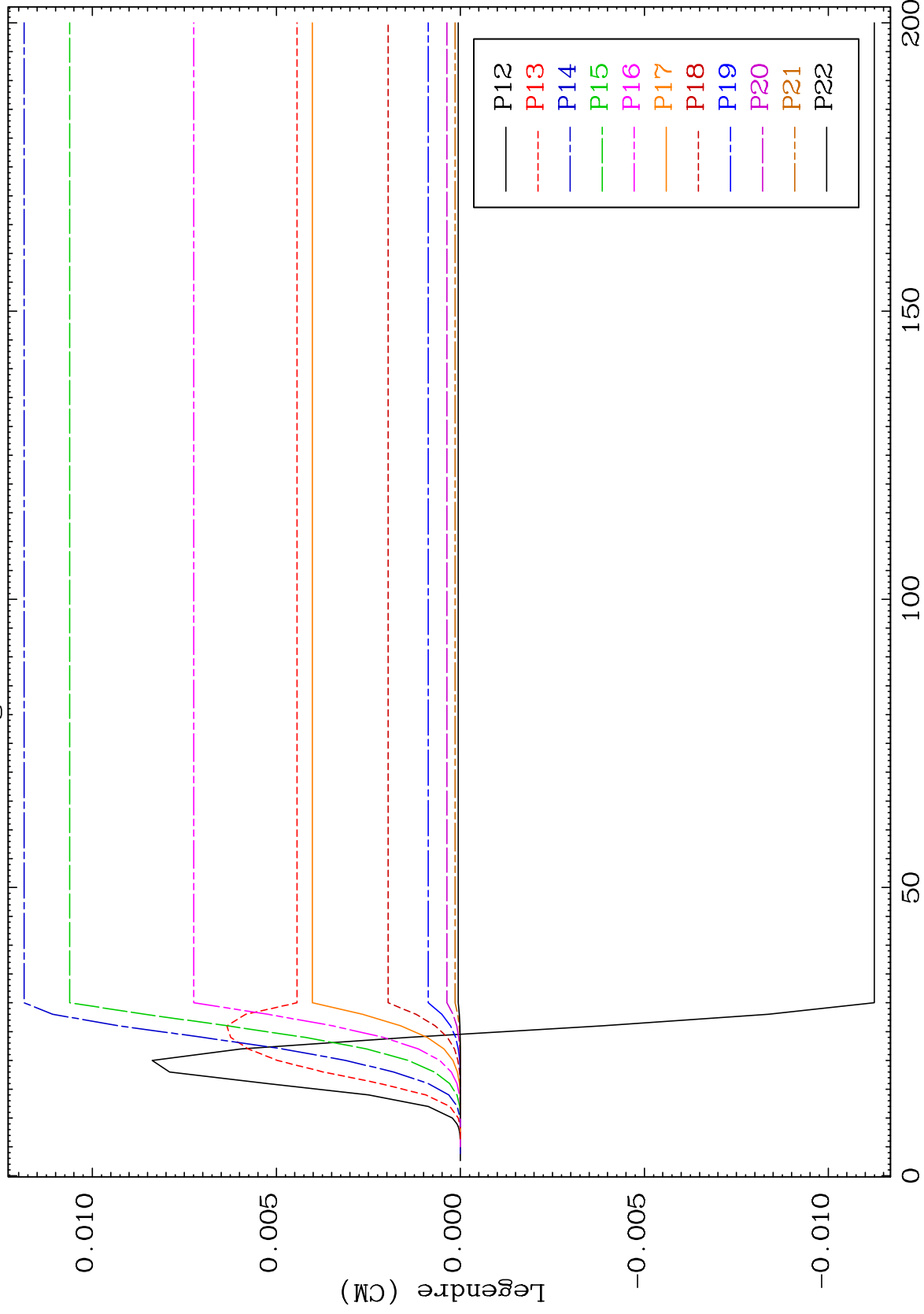
Incident Energy (MeV)

27-Co-63

MAT 2737

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

27-Co-63



20

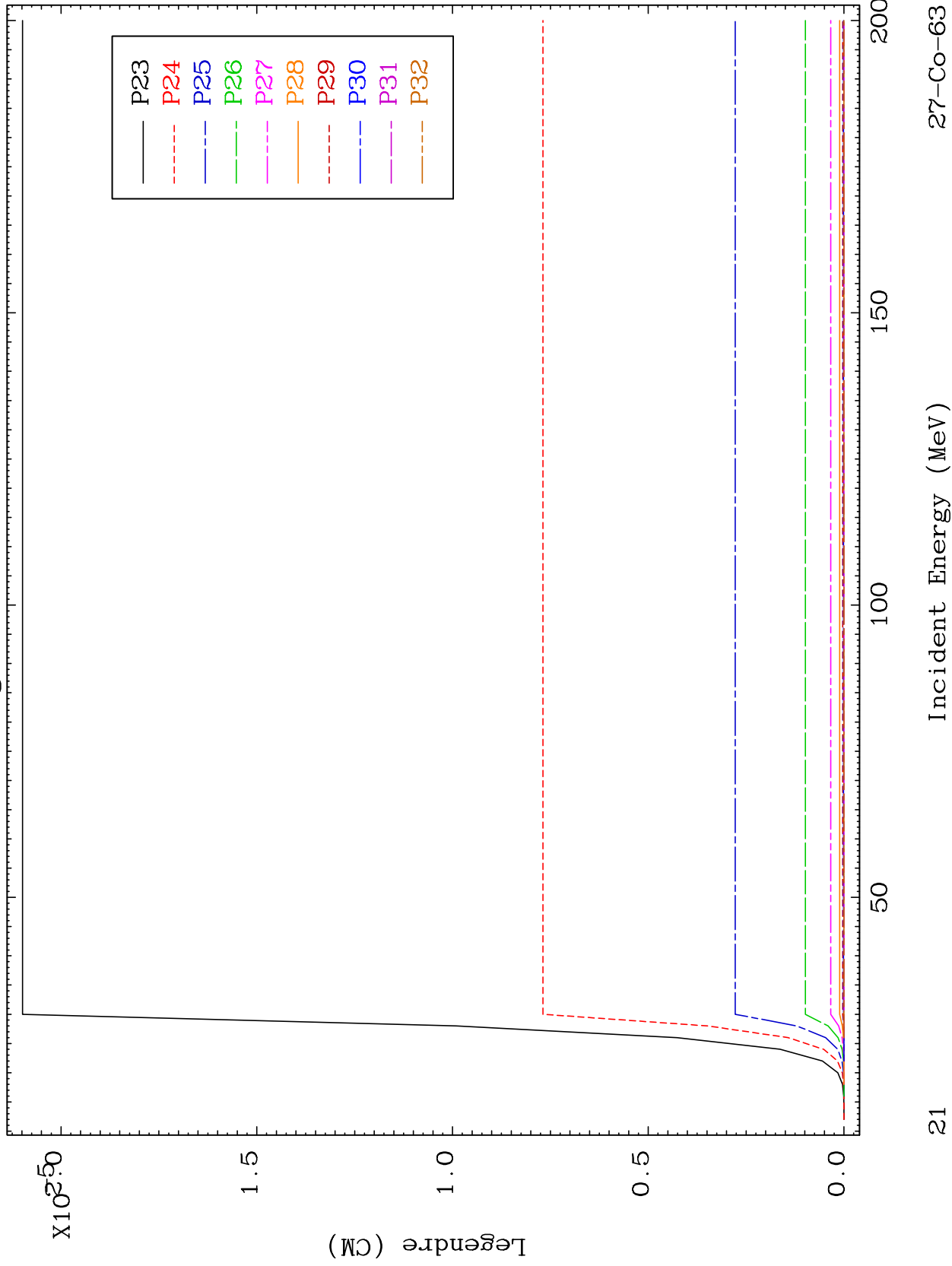
Incident Energy (MeV)

27-Co-63

MAT 2737

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

27-Co-63



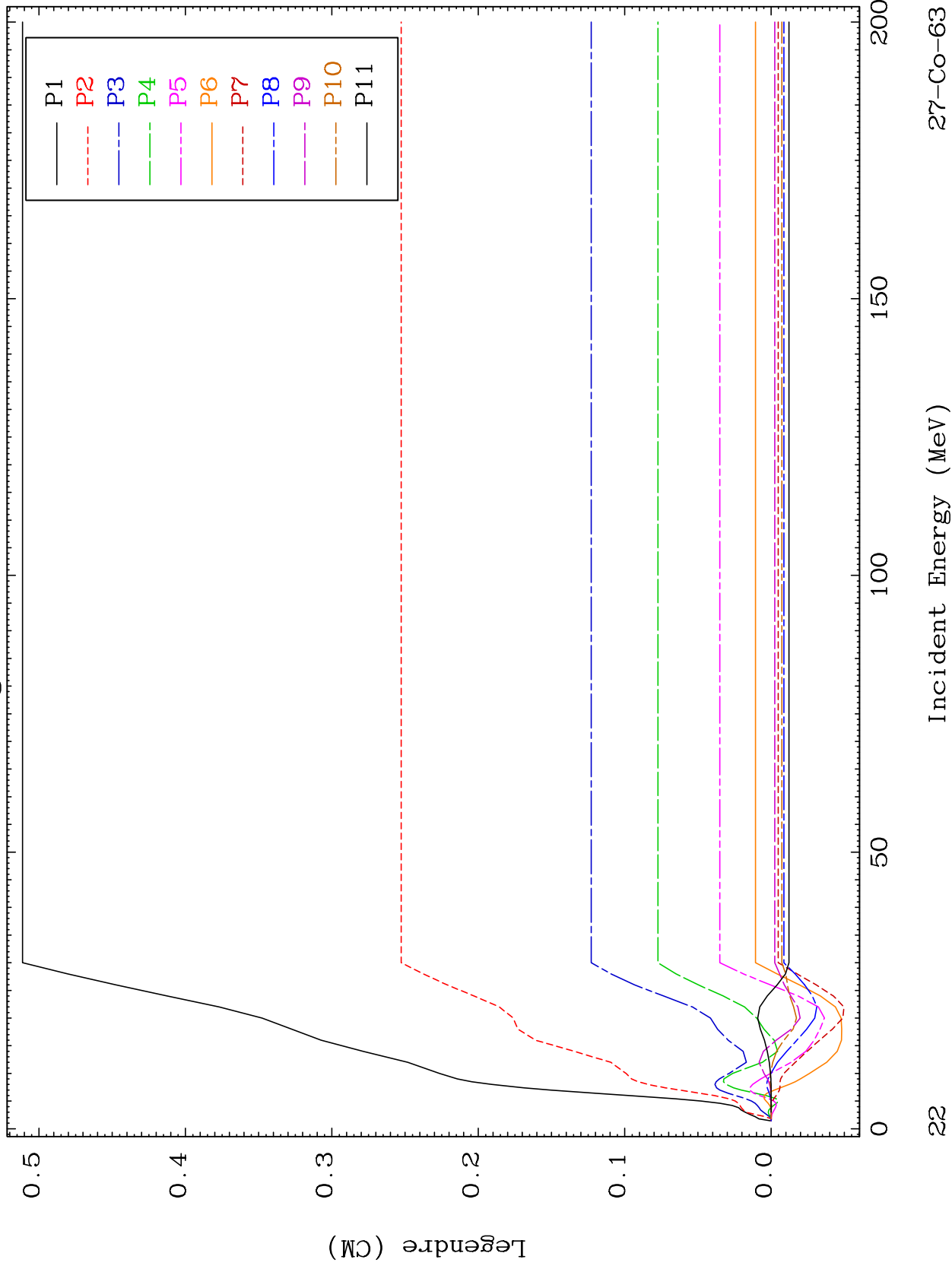
21

27-Co-63

MAT 2737

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

27-Co-63



27-Co-63

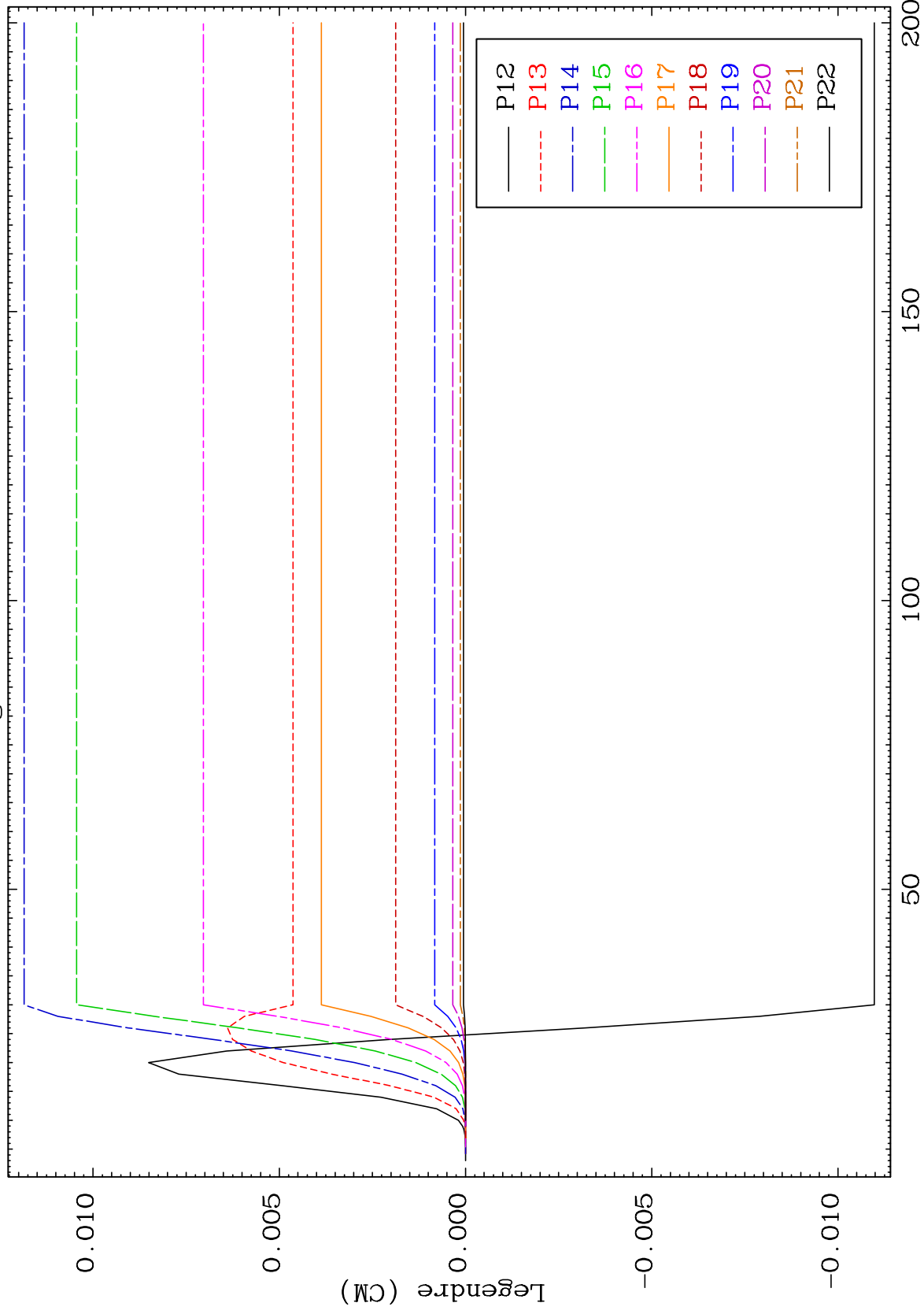
Incident Energy (MeV)

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MAT 2737

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

27-Co-63



23

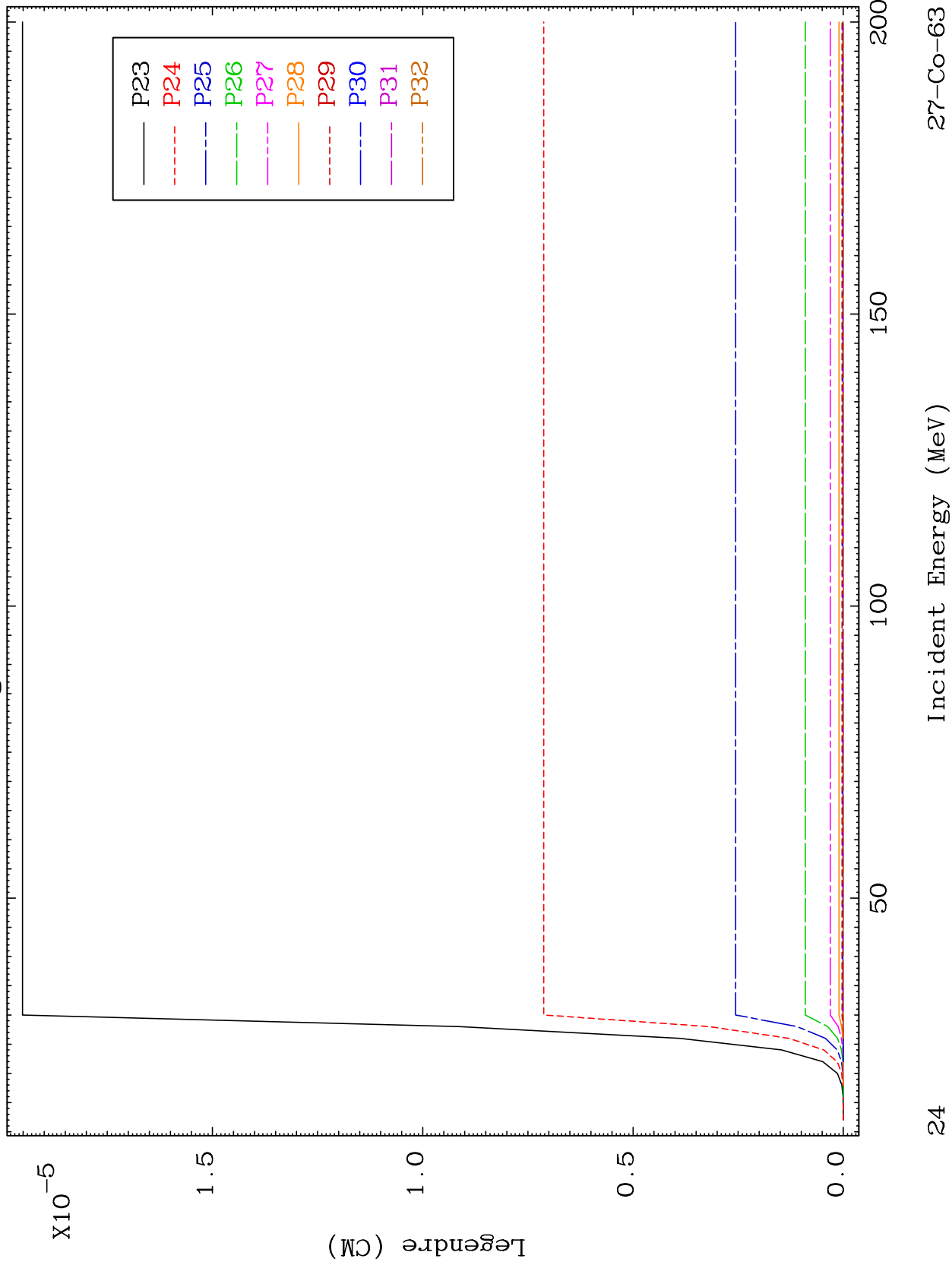
Incident Energy (MeV)

27-Co-63

MAT 2737

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

27-Co-63



24

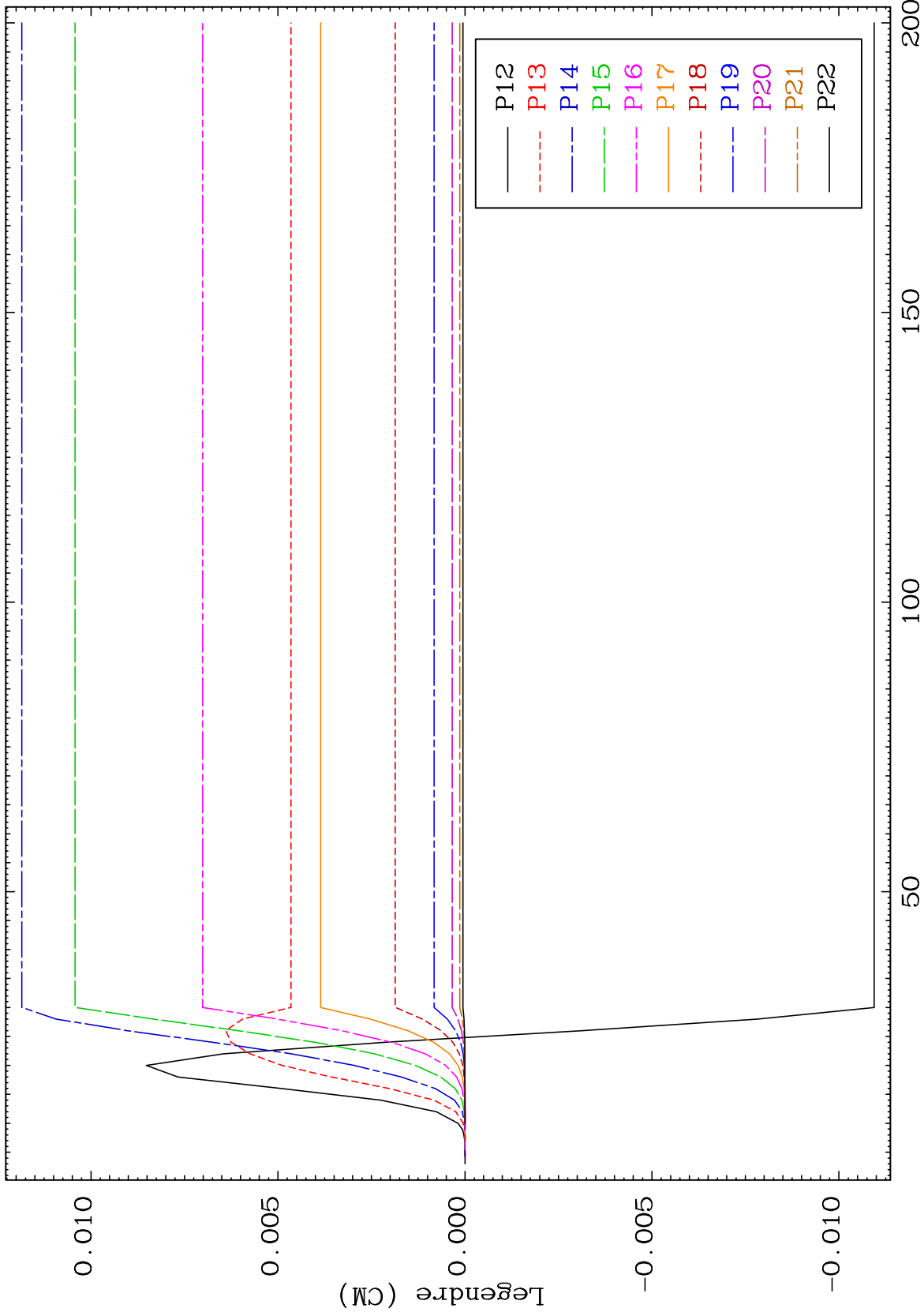
Incident Energy (MeV)

27-Co-63

MAT 2737

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

27-Co-63



26

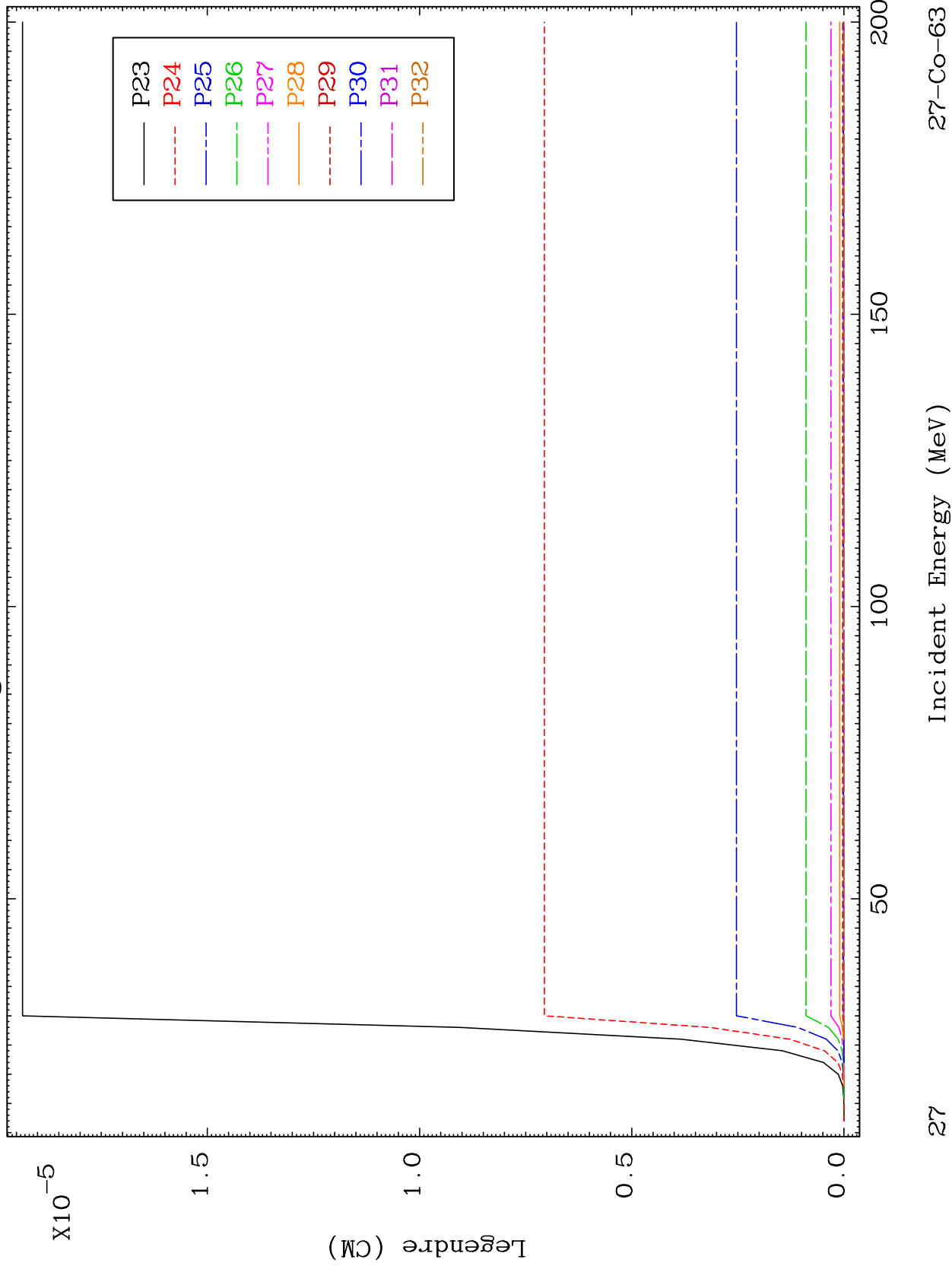
Incident Energy (MeV)

27-Co-63

MAT 2737

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

27-Co-63



27

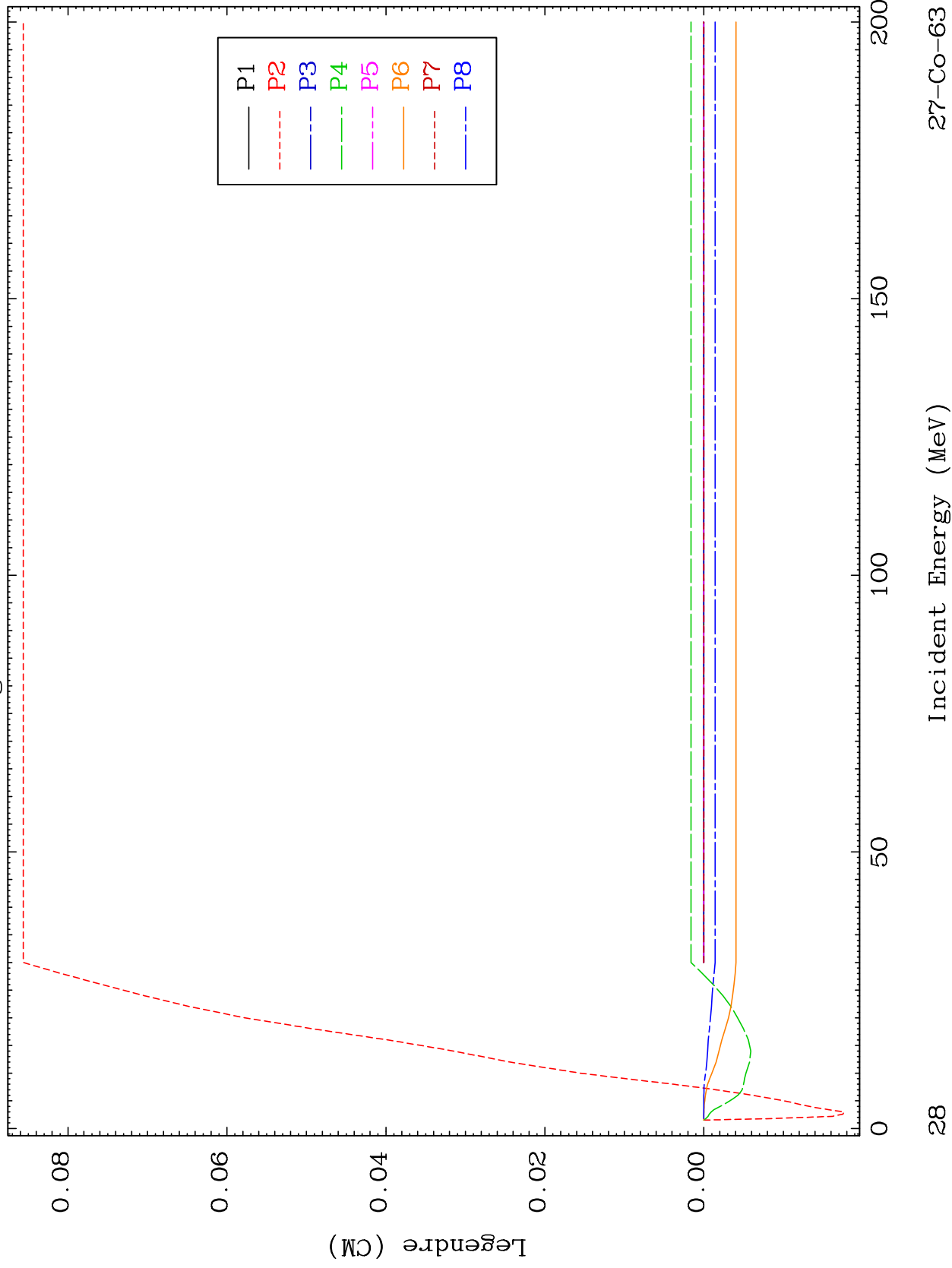
Incident Energy (MeV)

27-Co-63

MAT 2737

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

27-Co-63



28

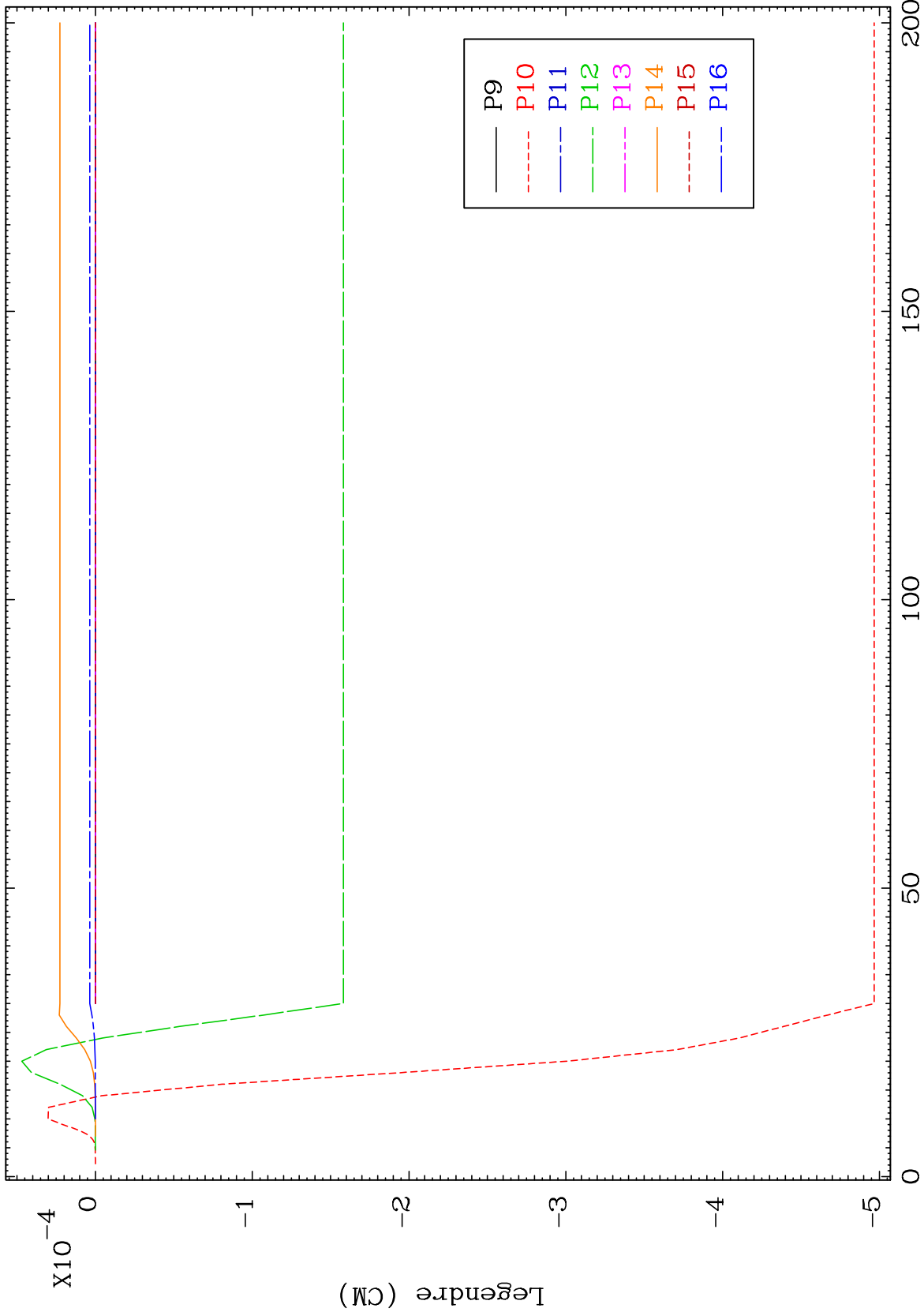
Incident Energy (MeV)

27-Co-63

MAT 2737

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

27-Co-63



29

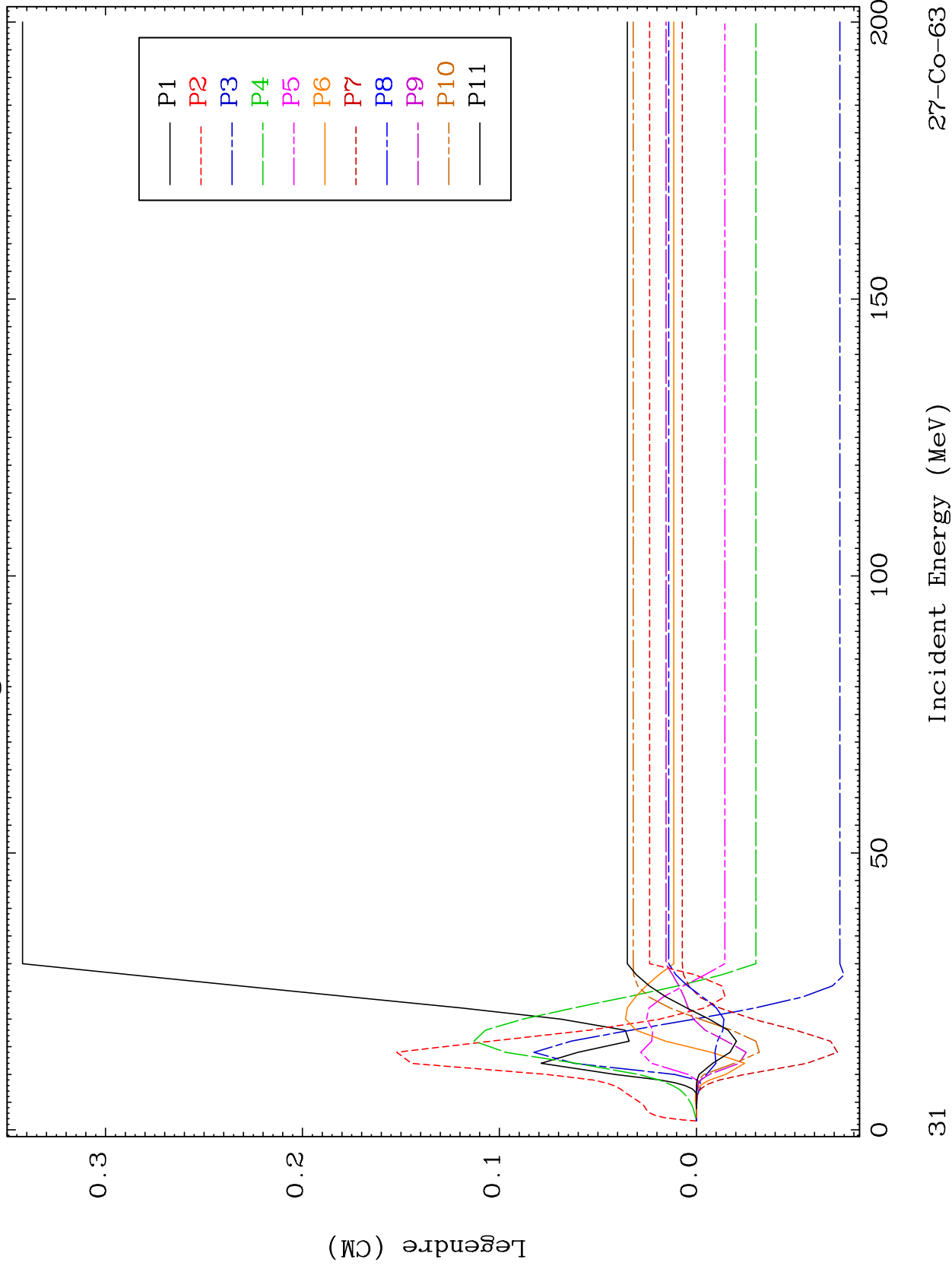
Incident Energy (MeV)

27-Co-63

MAT 2737

MT= 55 (n,n') Level
Legendre Coefficients

27-Co-63



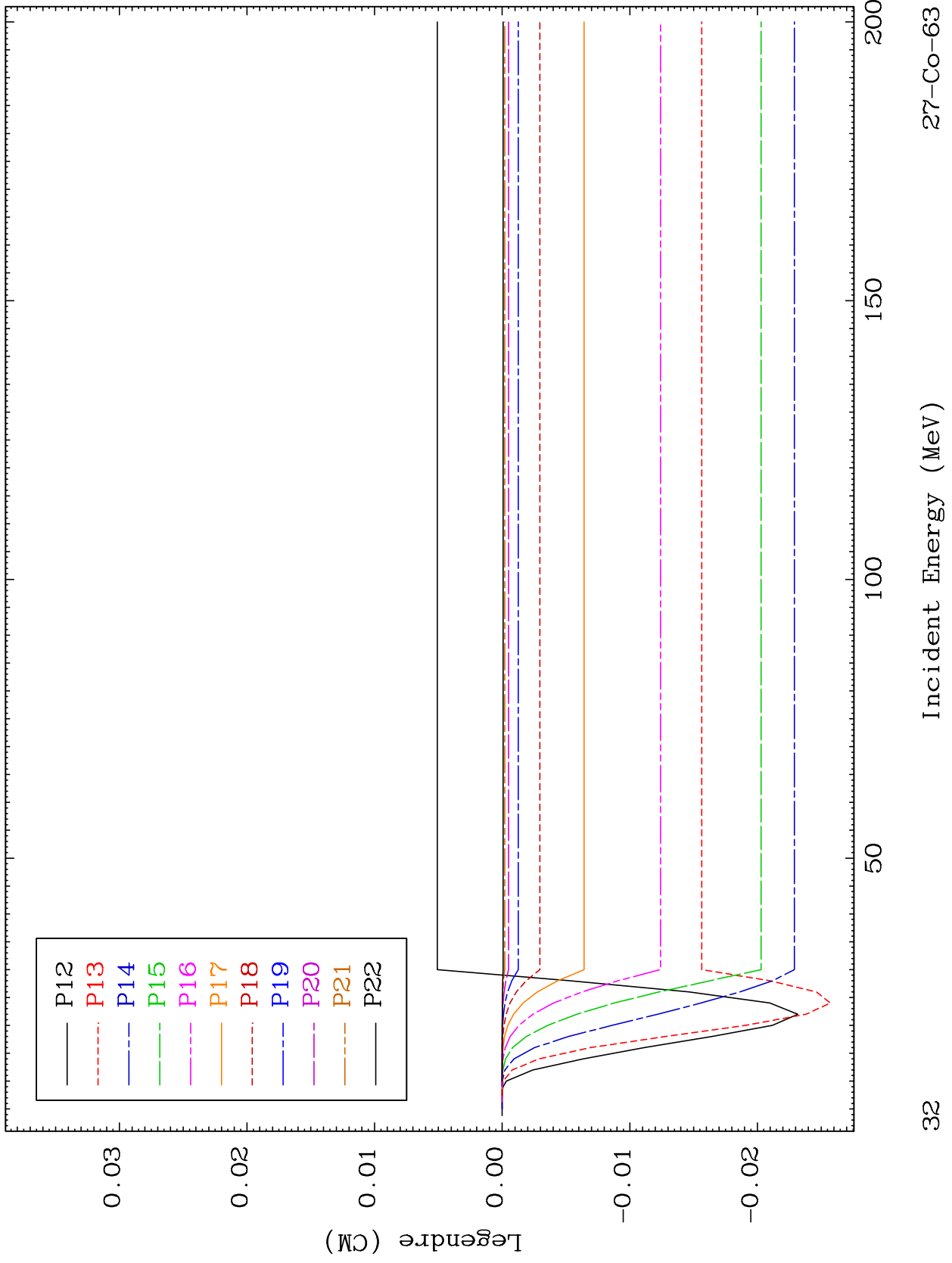
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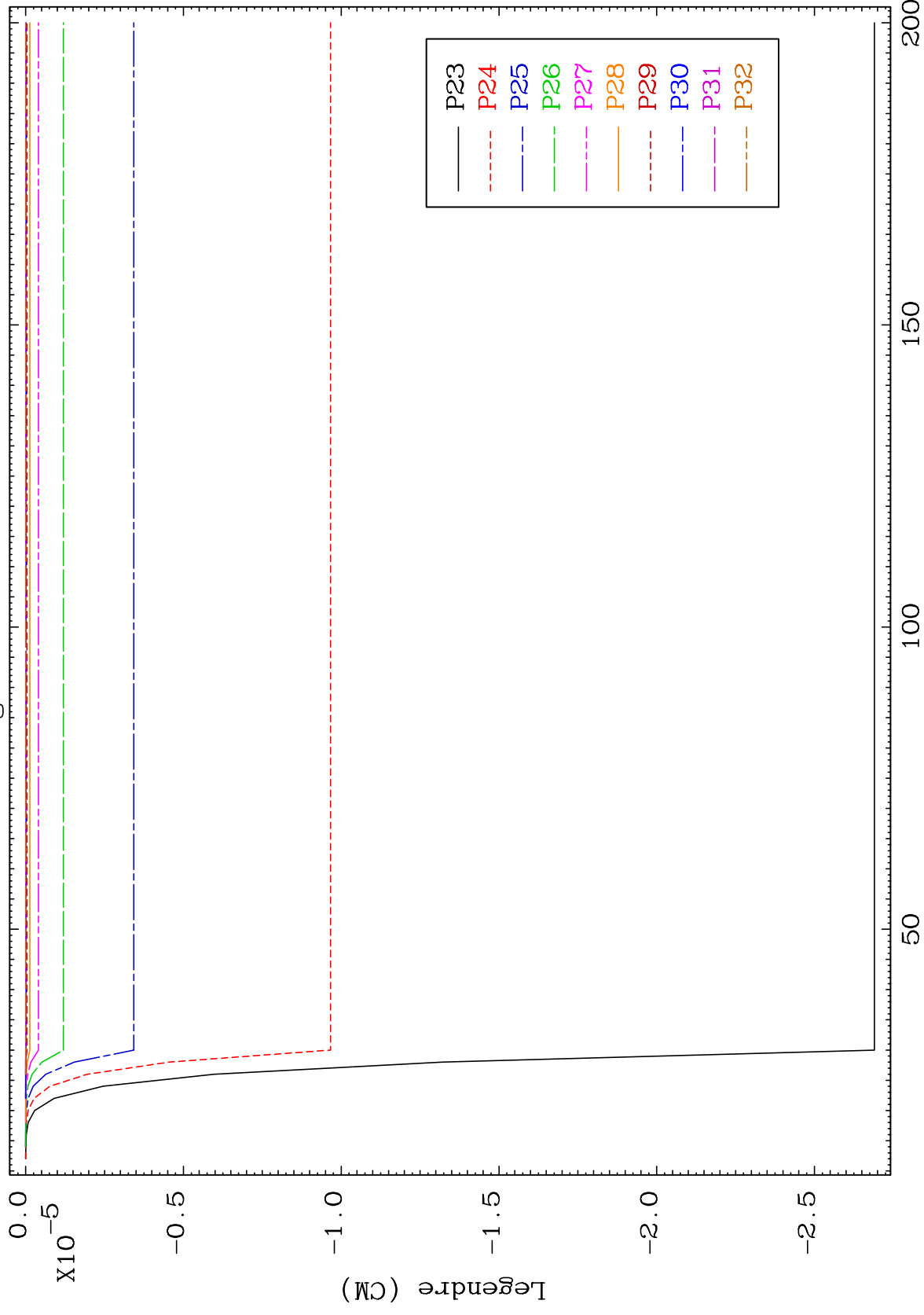
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MAT 2737

MT= 55 (n,n') Level
Legendre Coefficients

27-Co-63

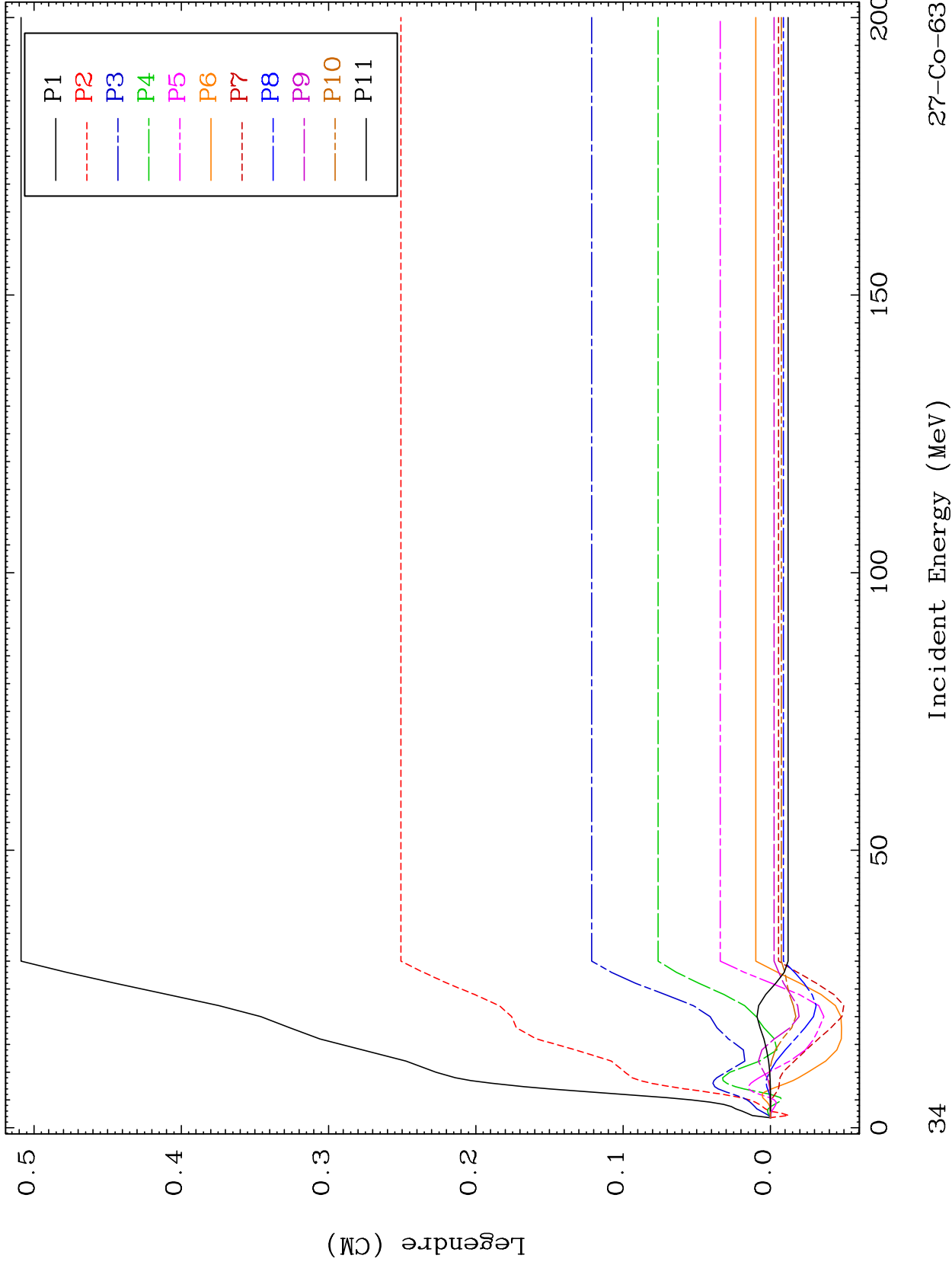




MAT 2737

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

27-Co-63



34

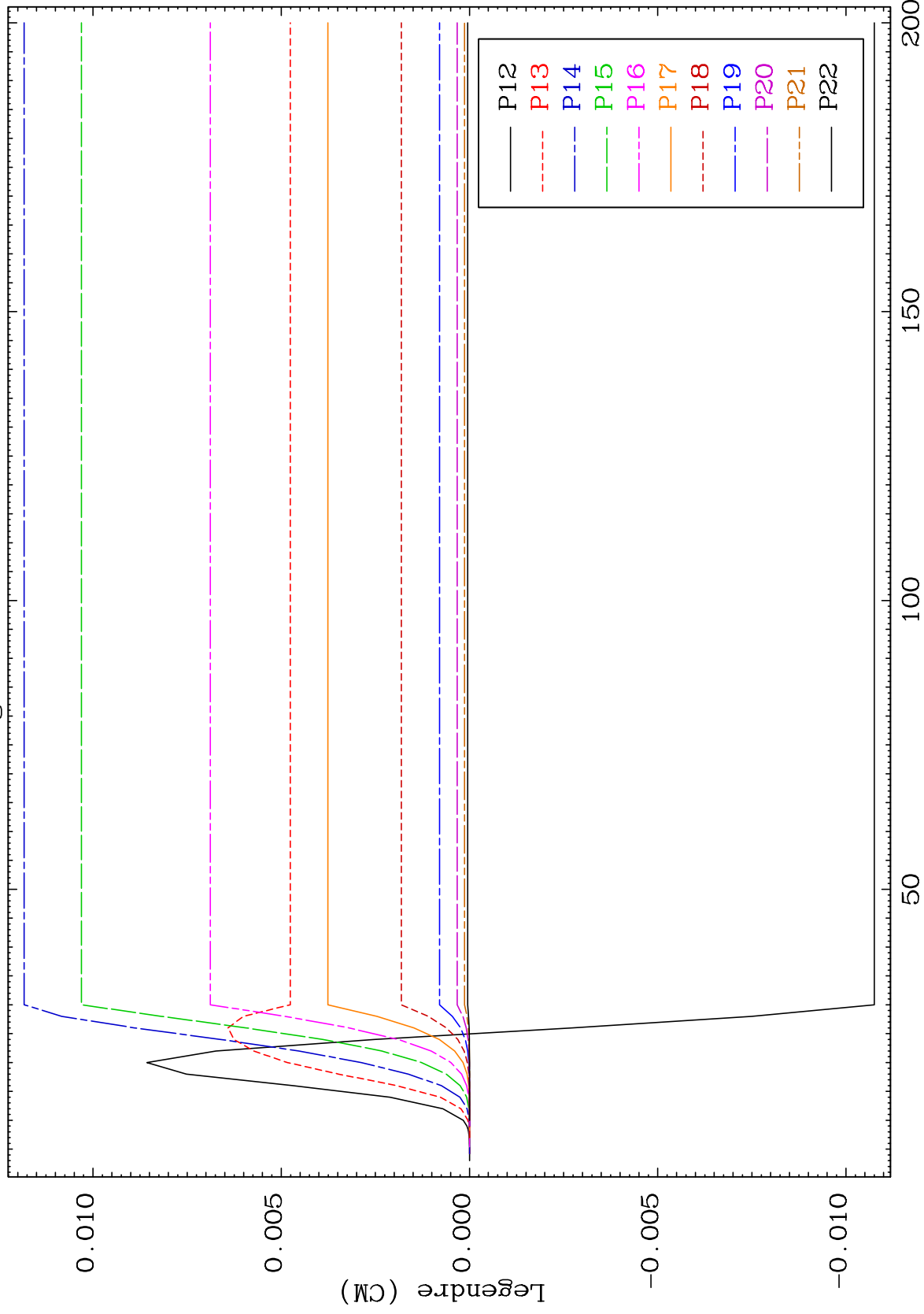
Incident Energy (MeV)

27-Co-63

MAT 2737

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

27-Co-63



35

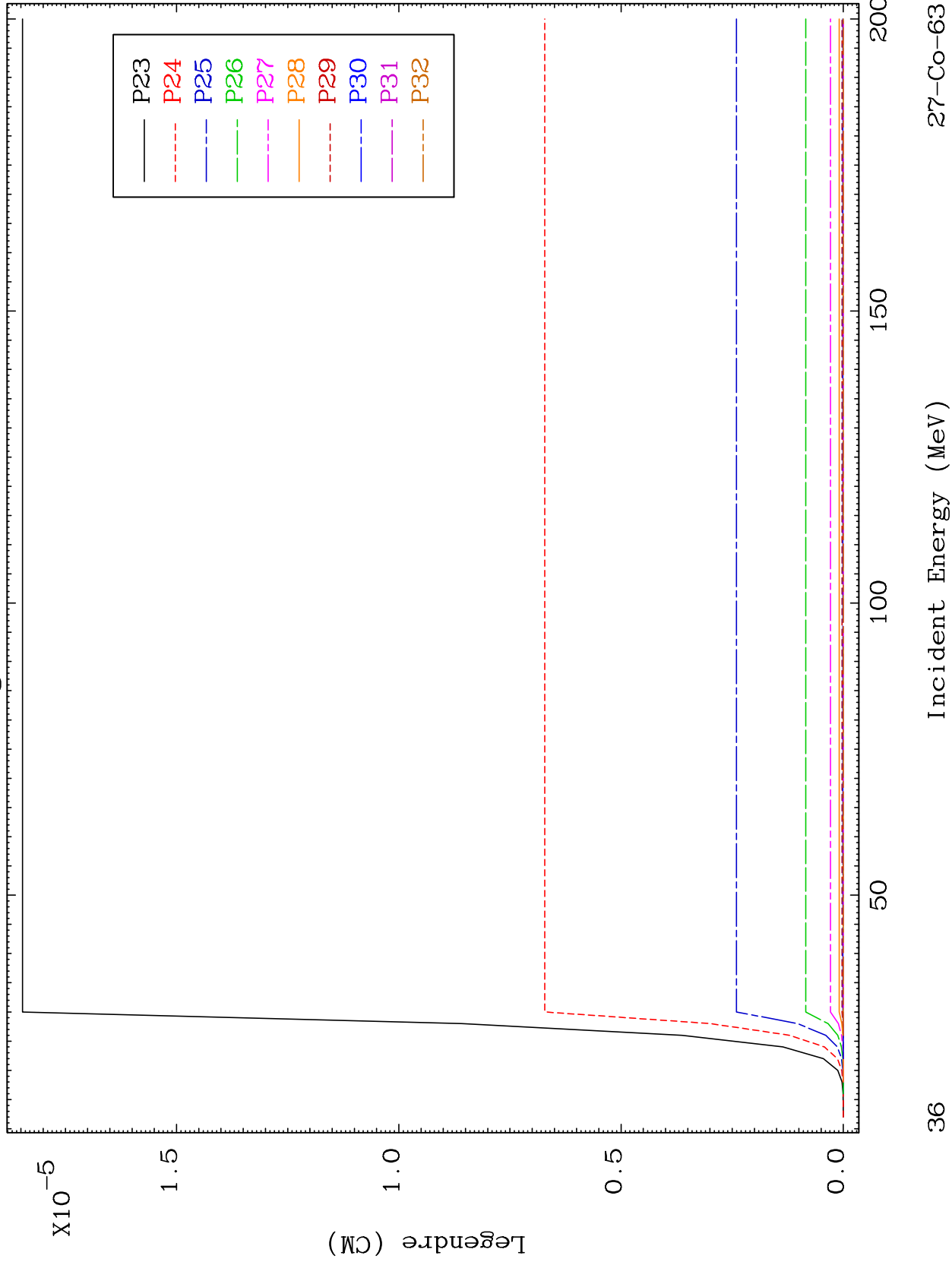
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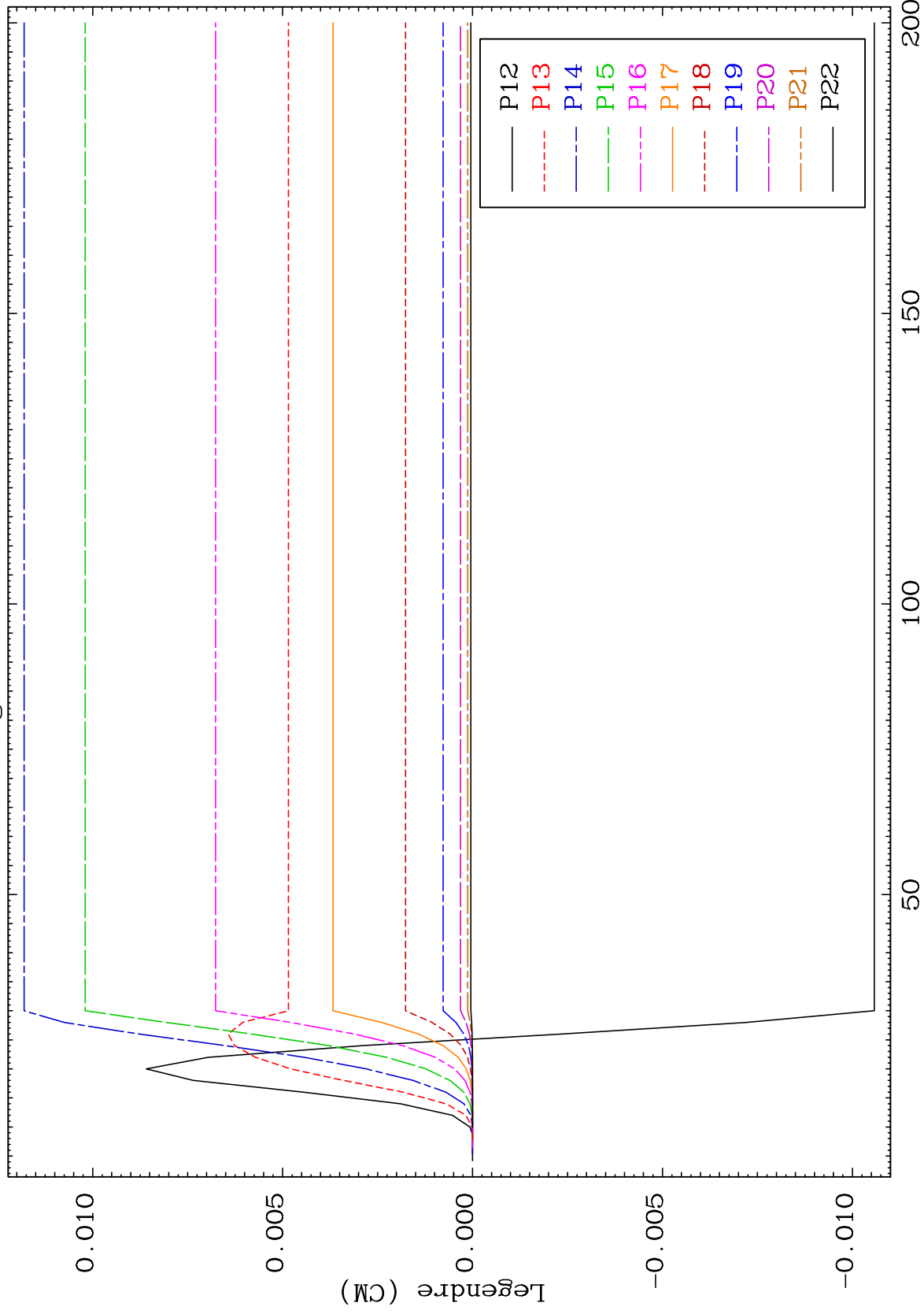
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MAT 2737

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

27-Co-63

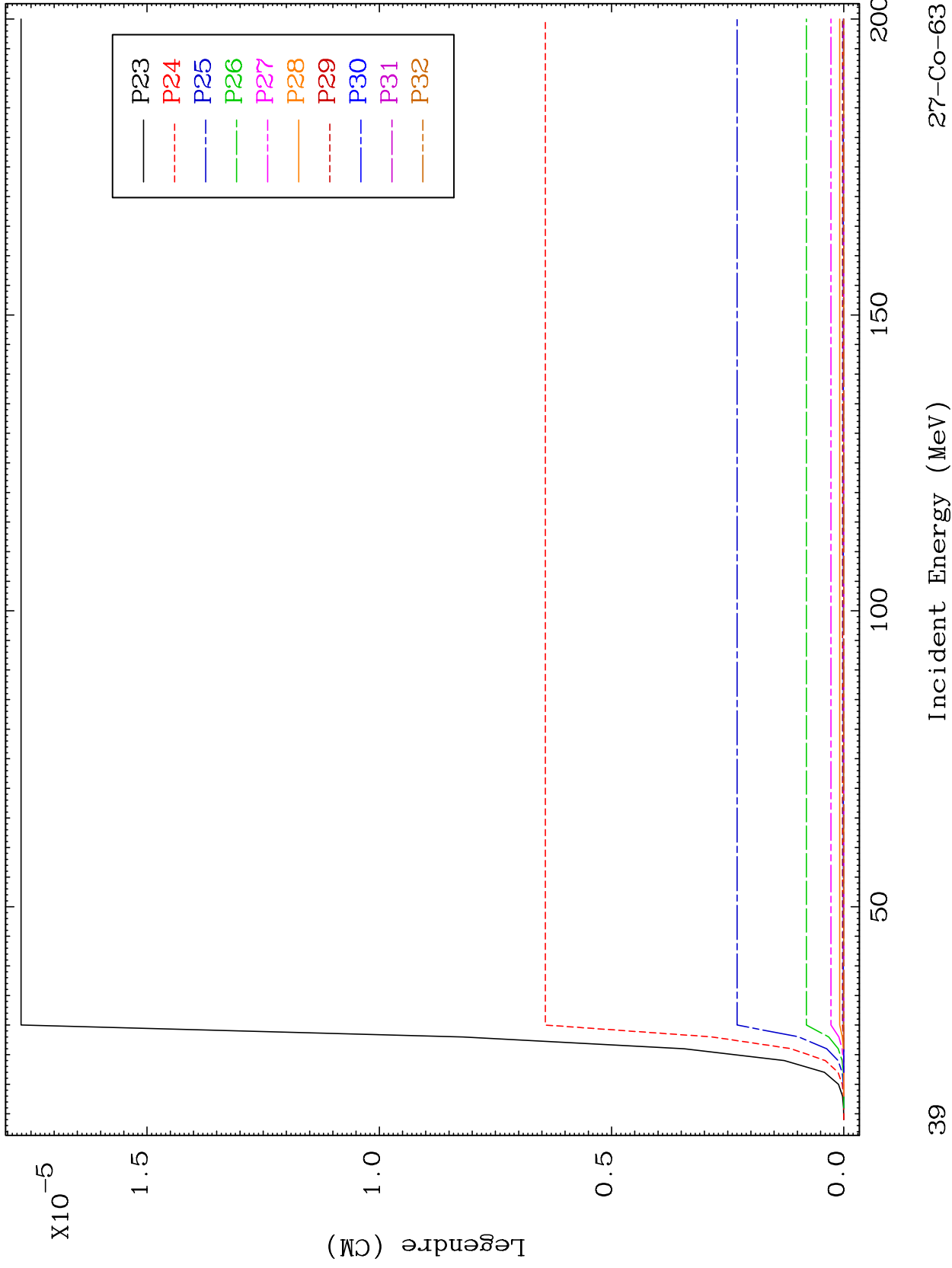




MAT 2737

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

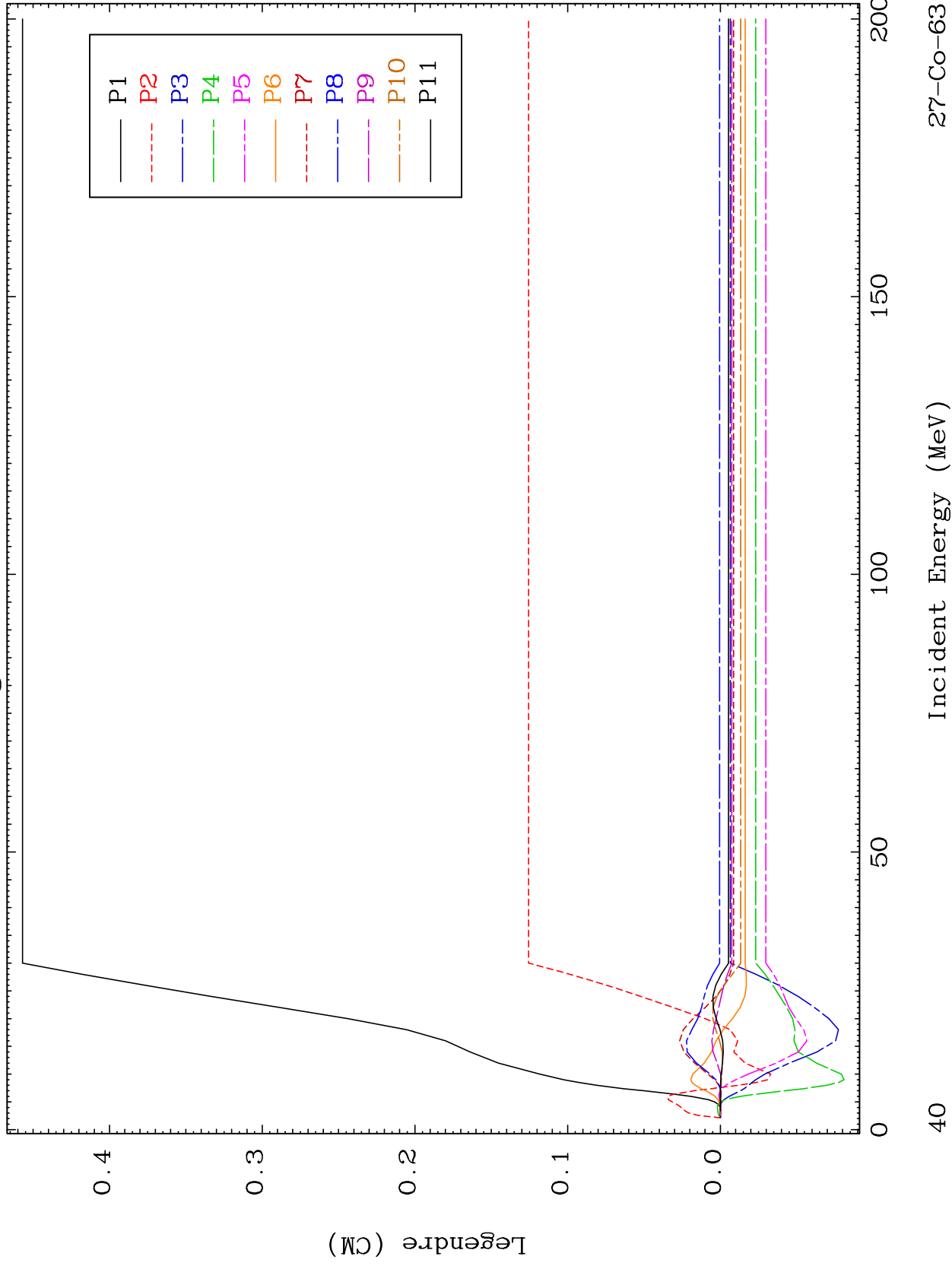
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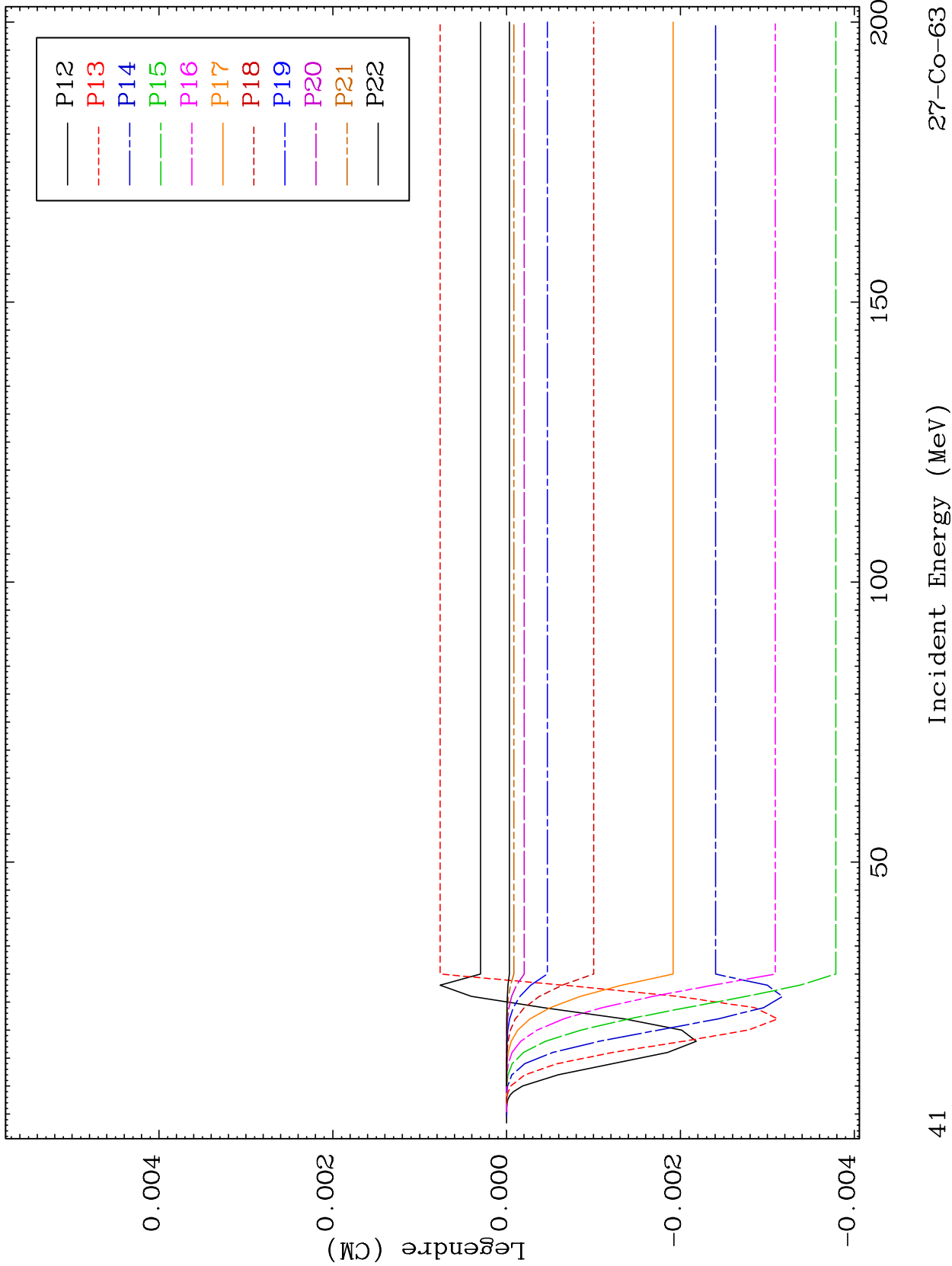


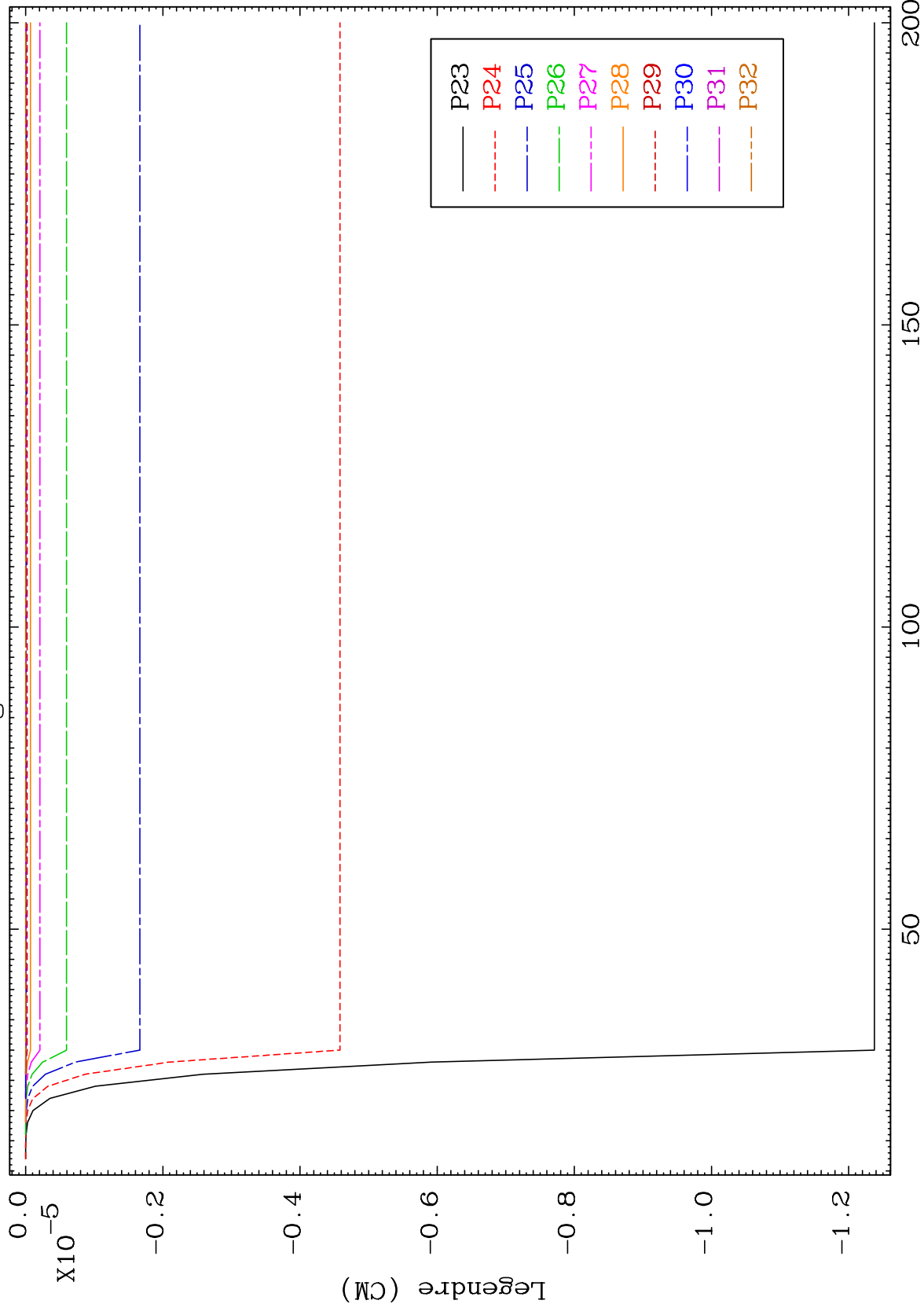
MAT 2737

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

27-Co-63



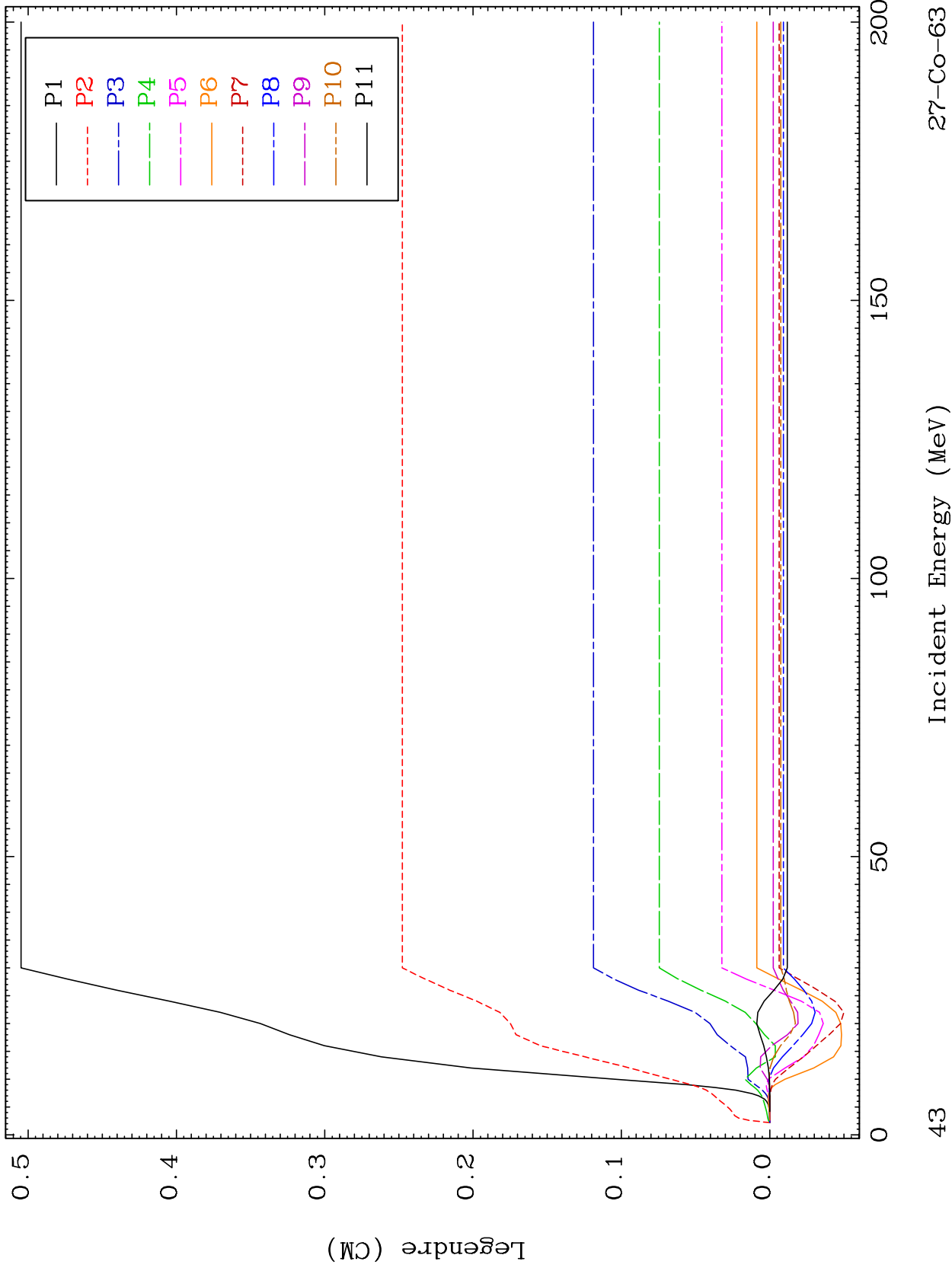




MAT 2737

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

27-Co-63



43

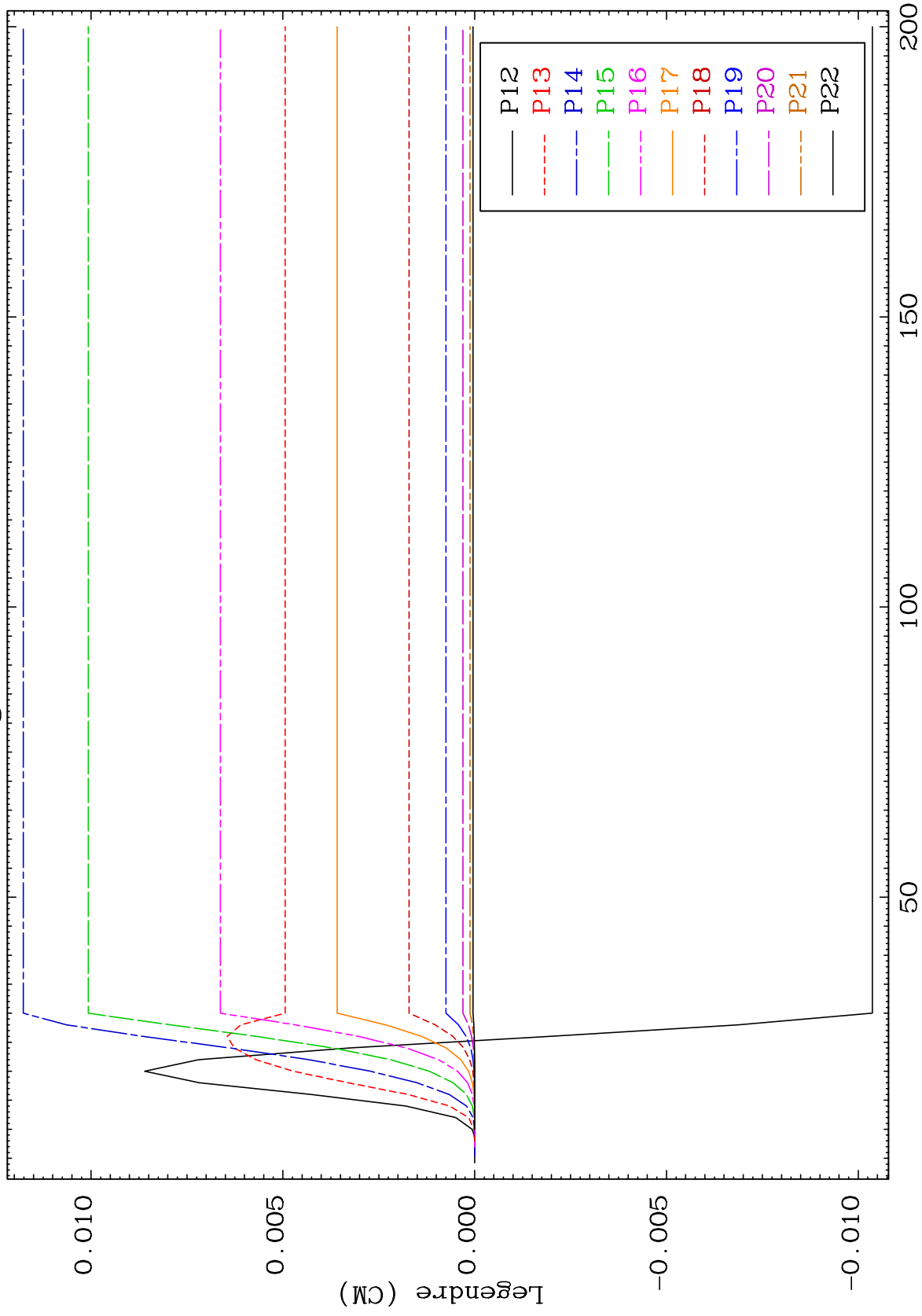
Incident Energy (MeV)

27-Co-63

MAT 2737

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

27-Co-63



44

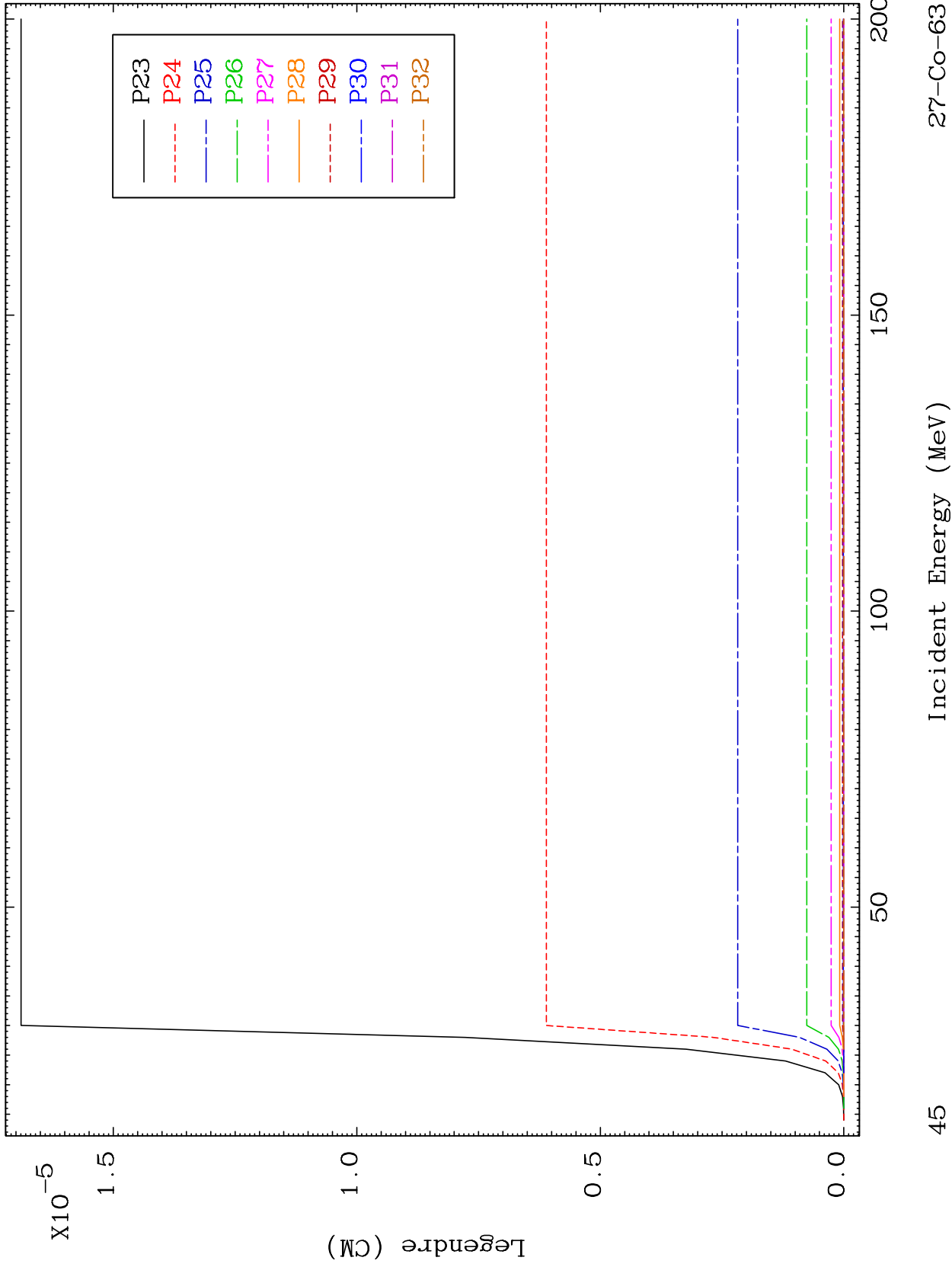
Incident Energy (MeV)

27-Co-63

MAT 2737

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

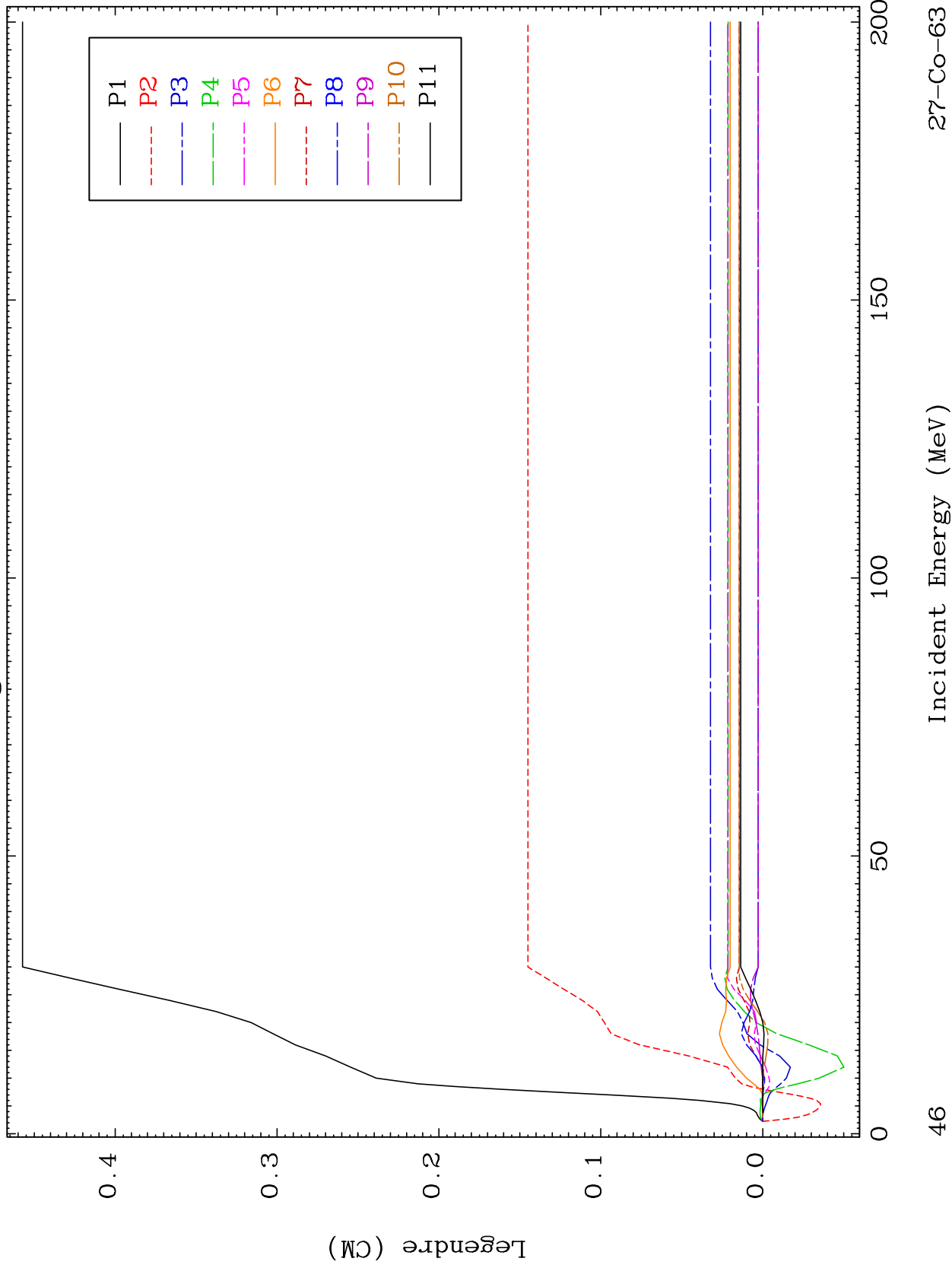
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MAT 2737

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

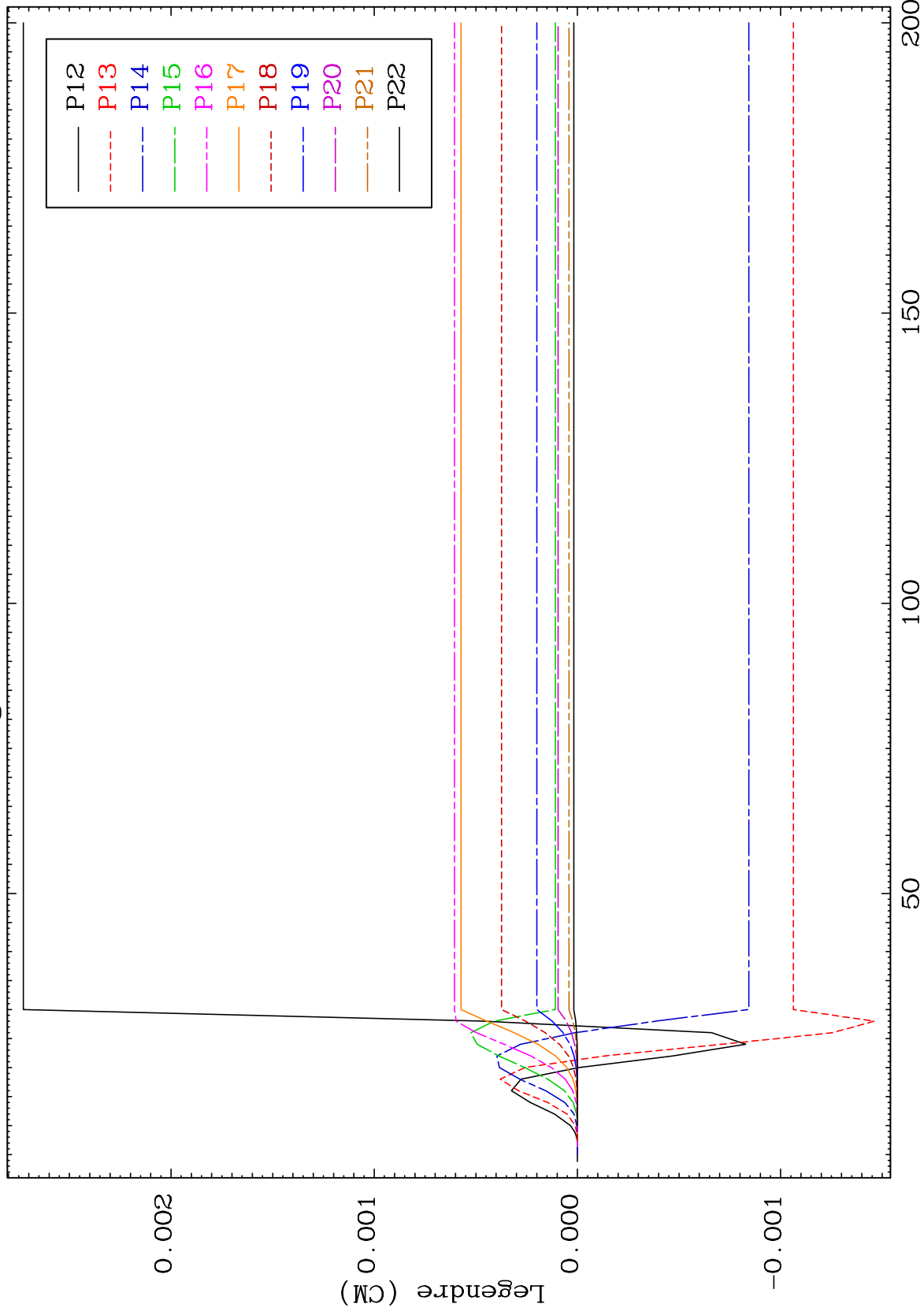
27-Co-63



MAT 2737

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

27-Co-63



47

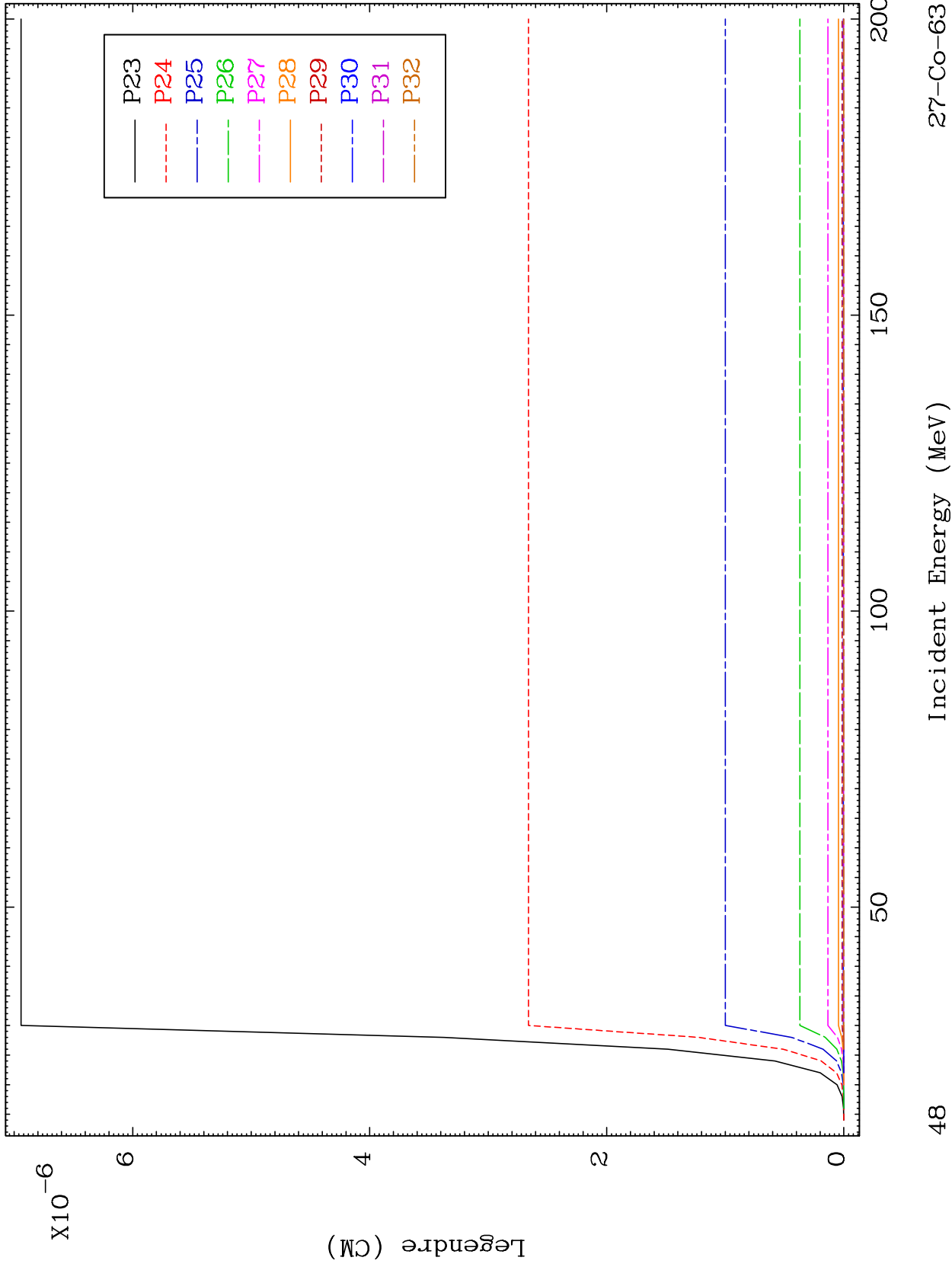
Incident Energy (MeV)

27-Co-63

MAT 2737

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

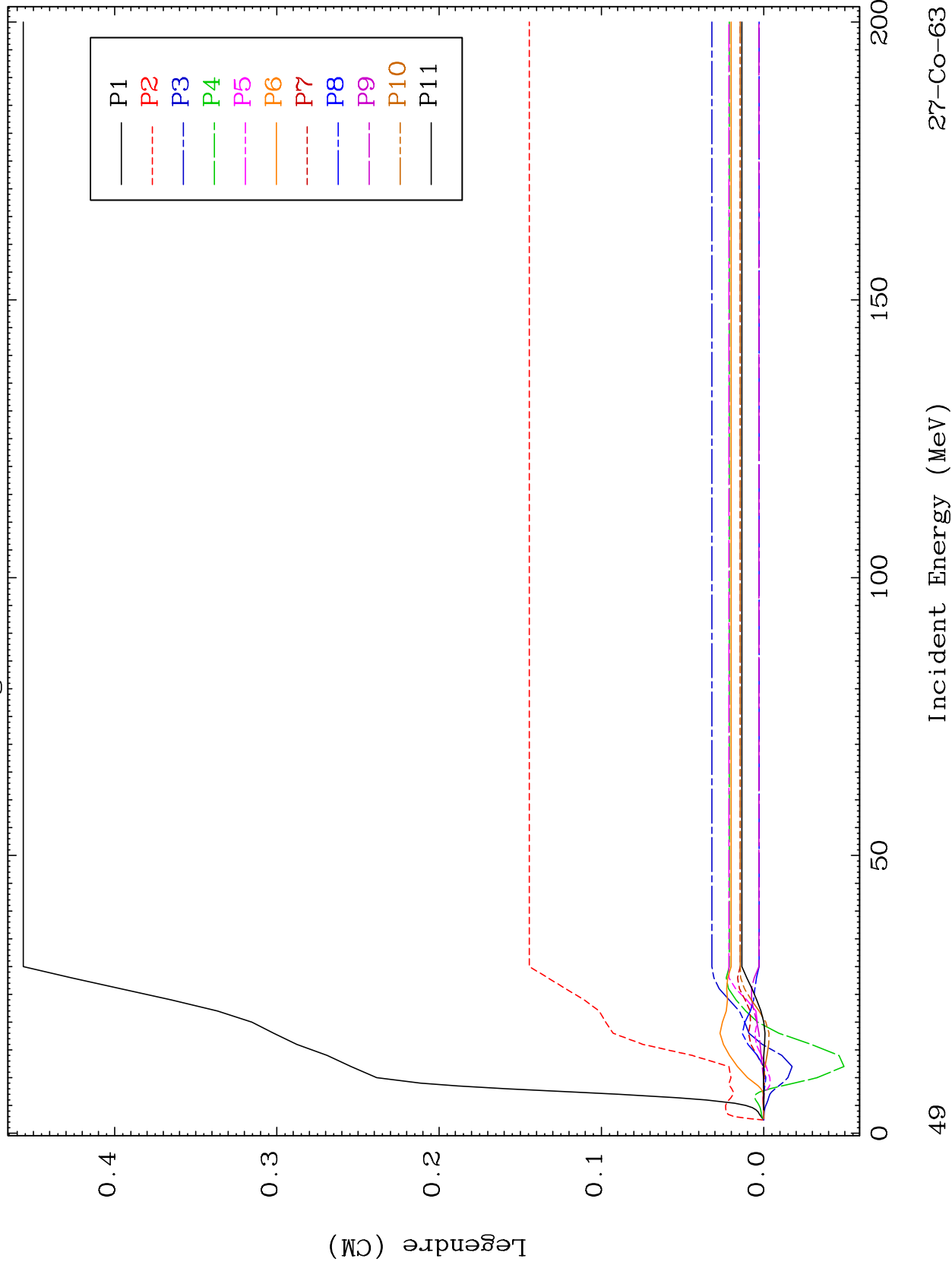
27-Co-63



MAT 2737

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

27-Co-63



49

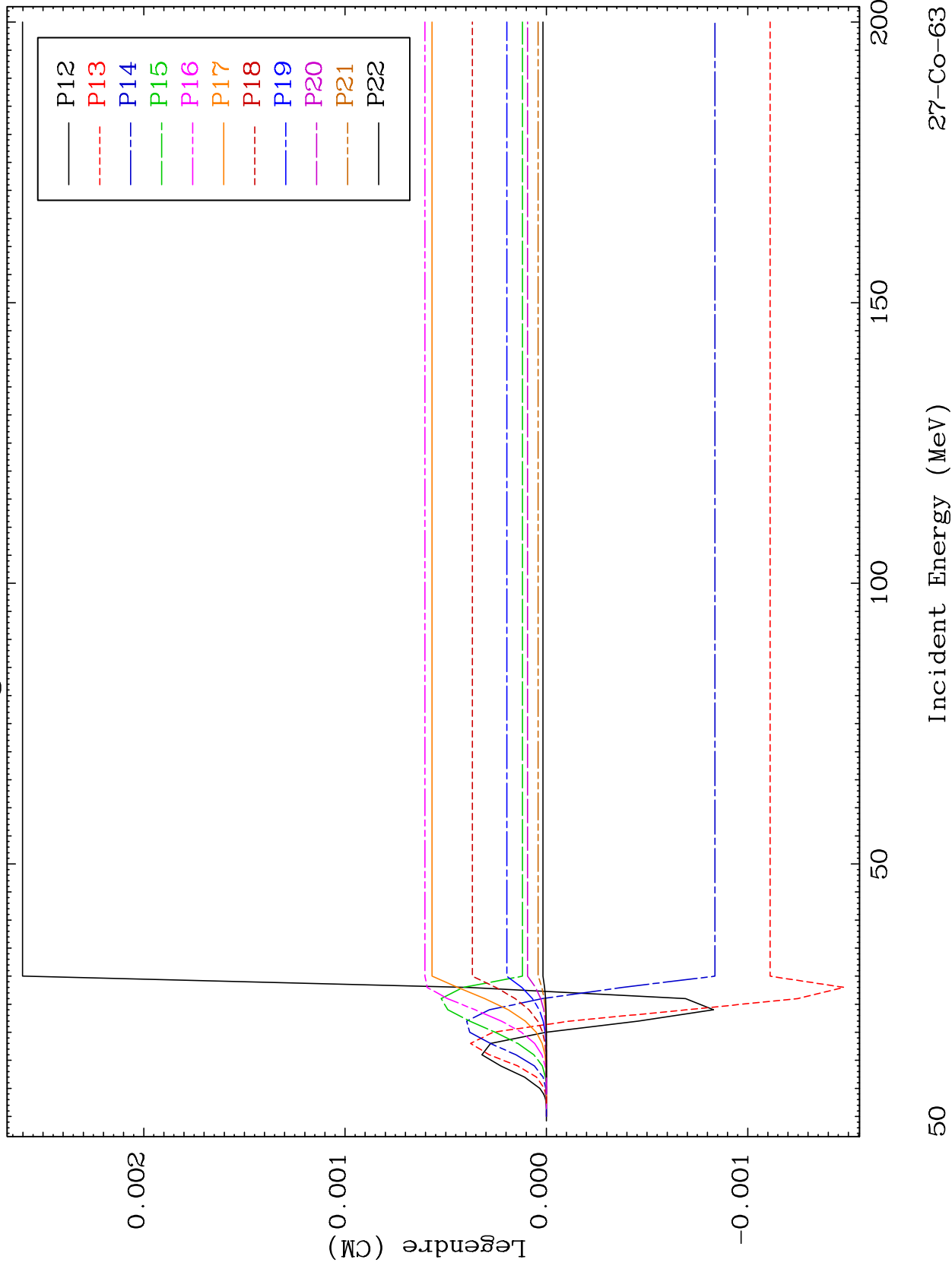
Incident Energy (MeV)

27-Co-63

MAT 2737

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

27-Co-63



27-Co-63

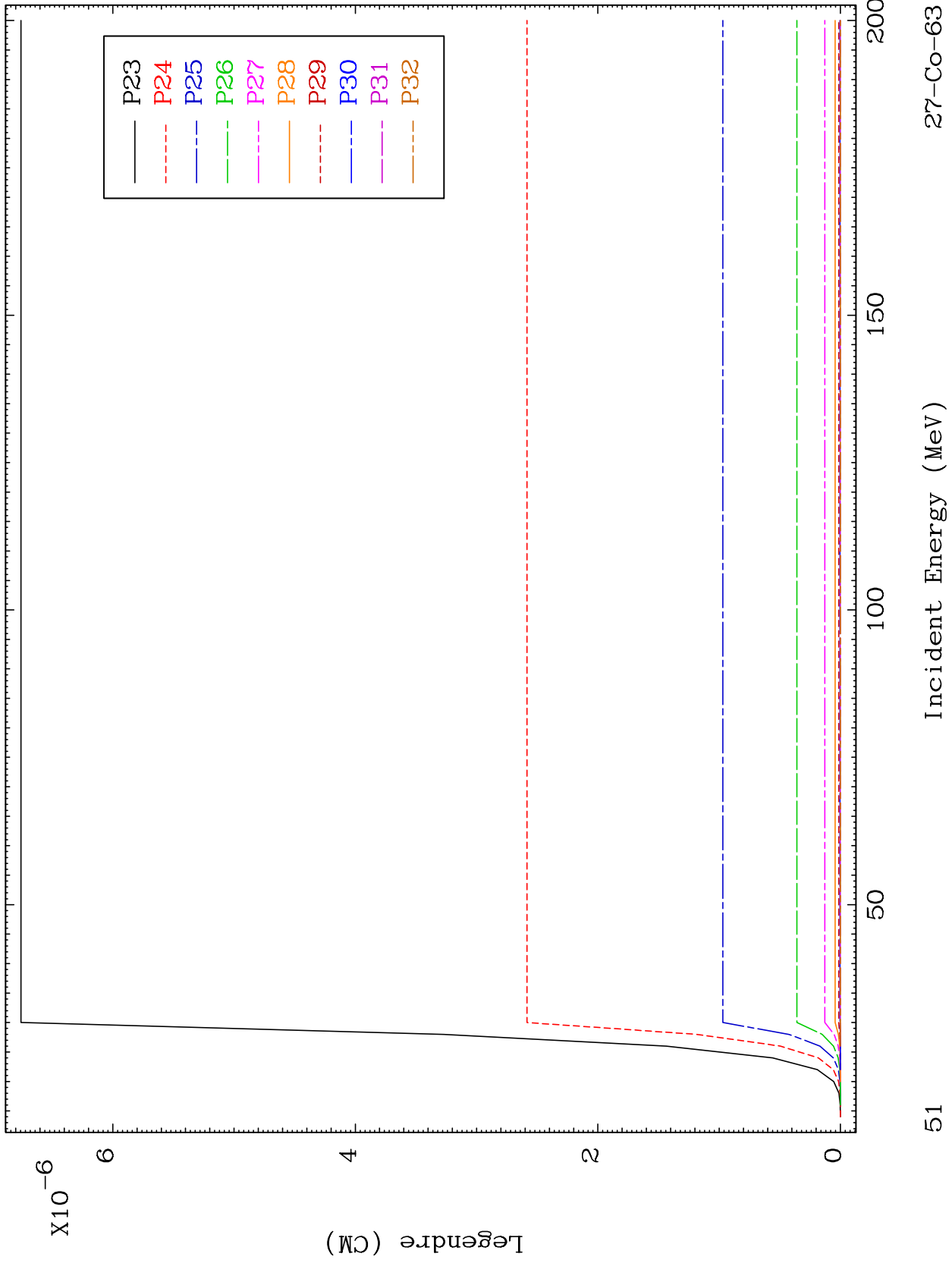
Incident Energy (MeV)

50

MAT 2737

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

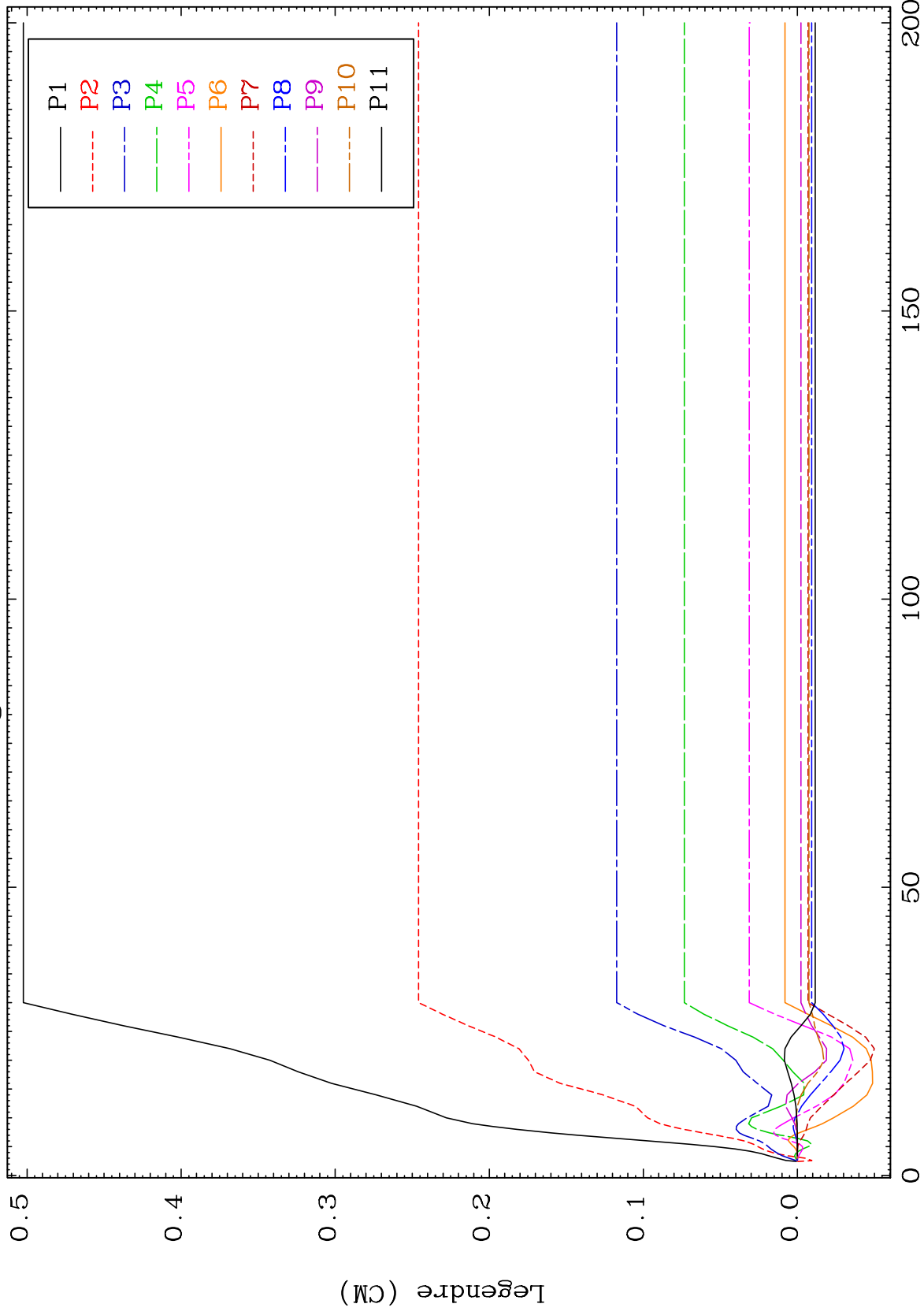
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MAT 2737

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

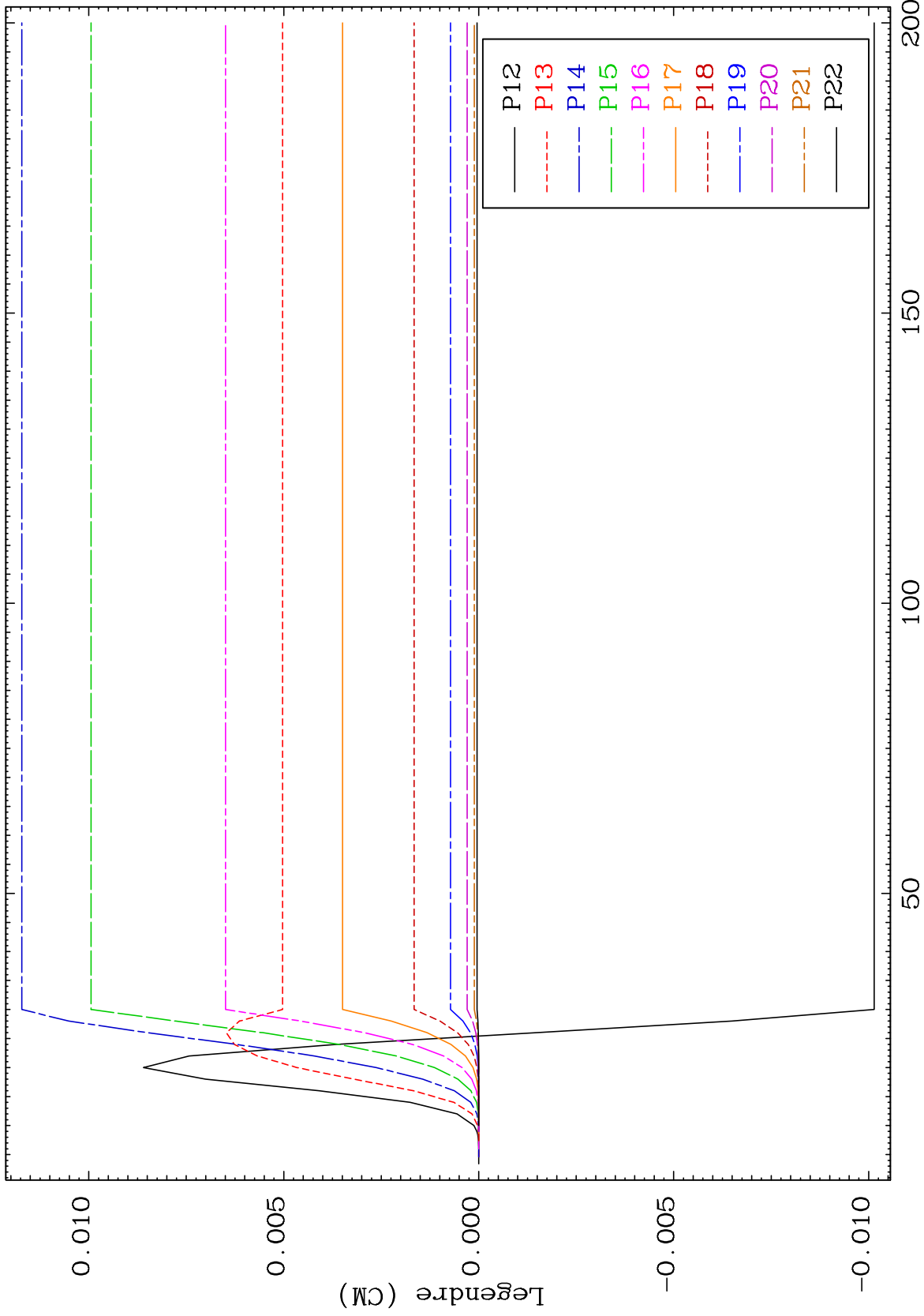
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52

Incident Energy (MeV)

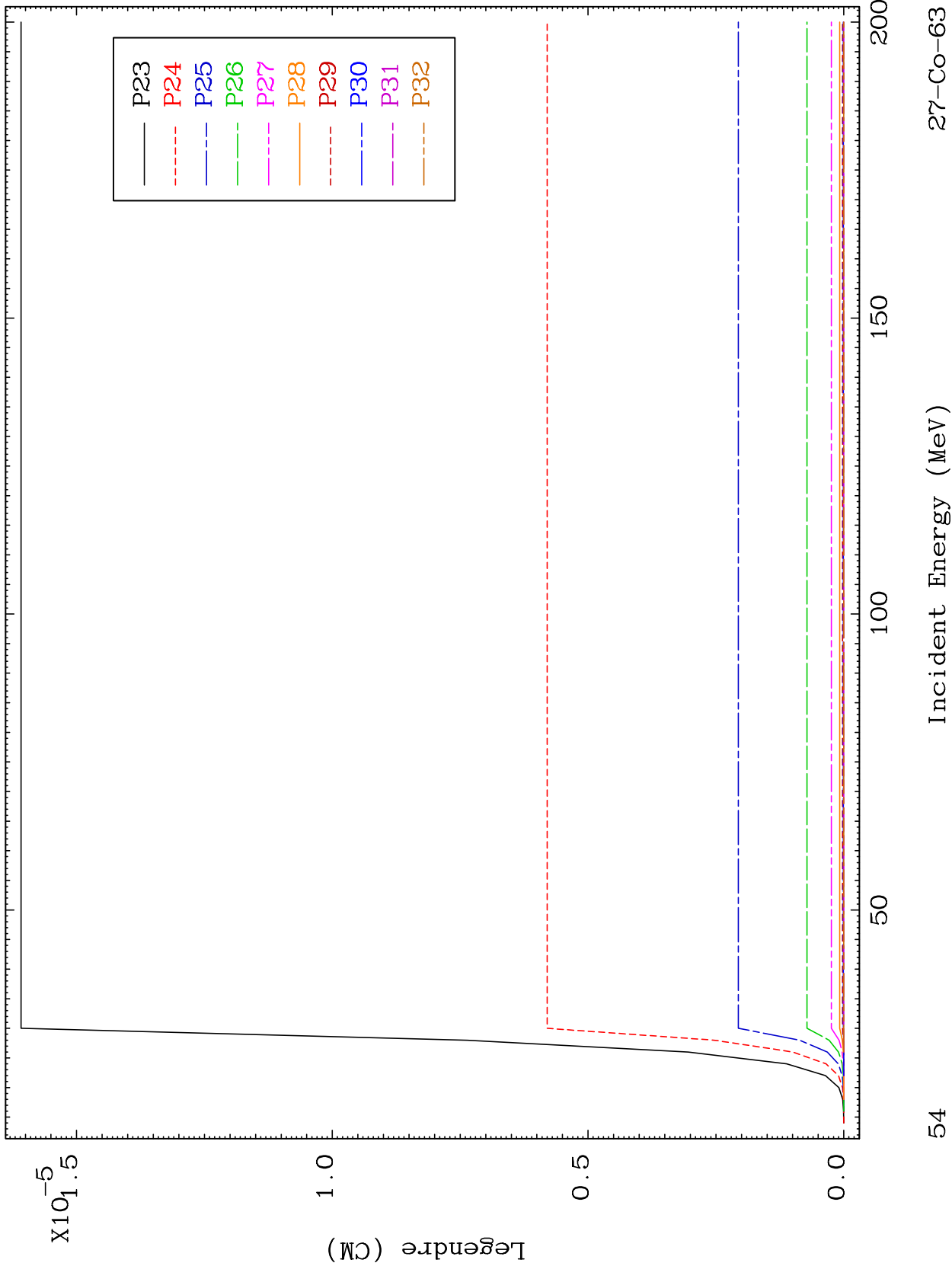
27-Co-63



MAT 2737

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

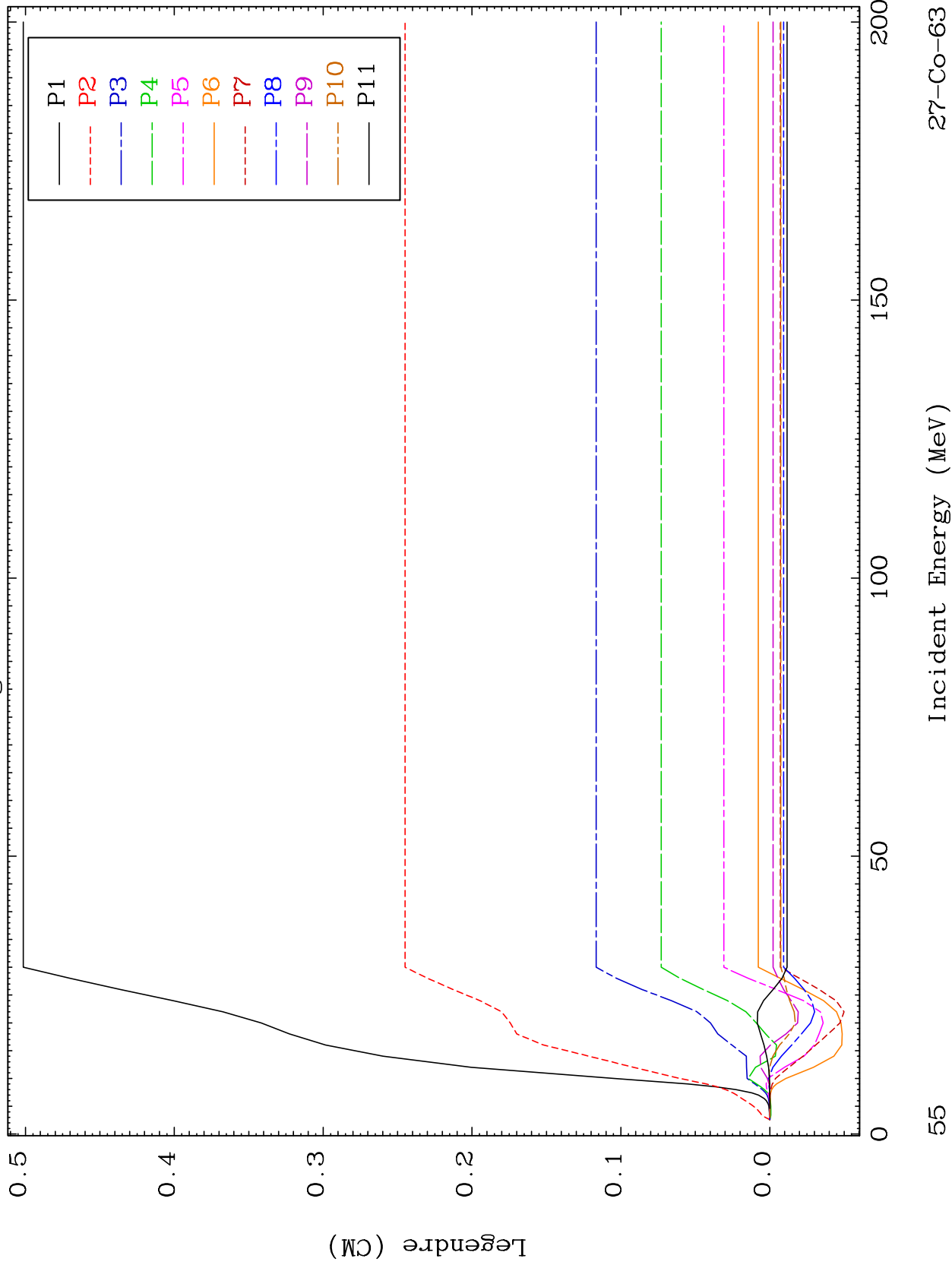
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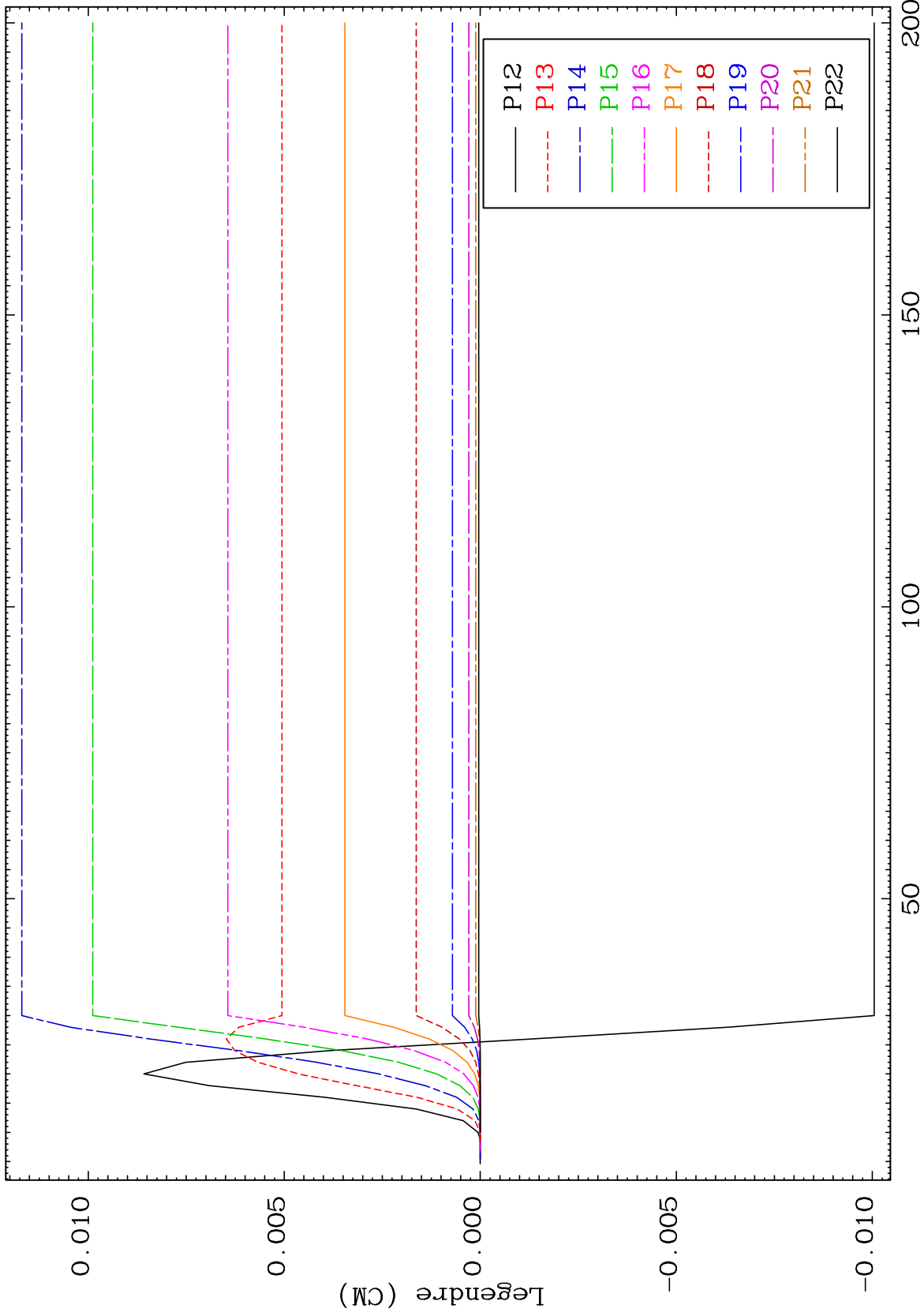


MAT 2737

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

27-Co-63

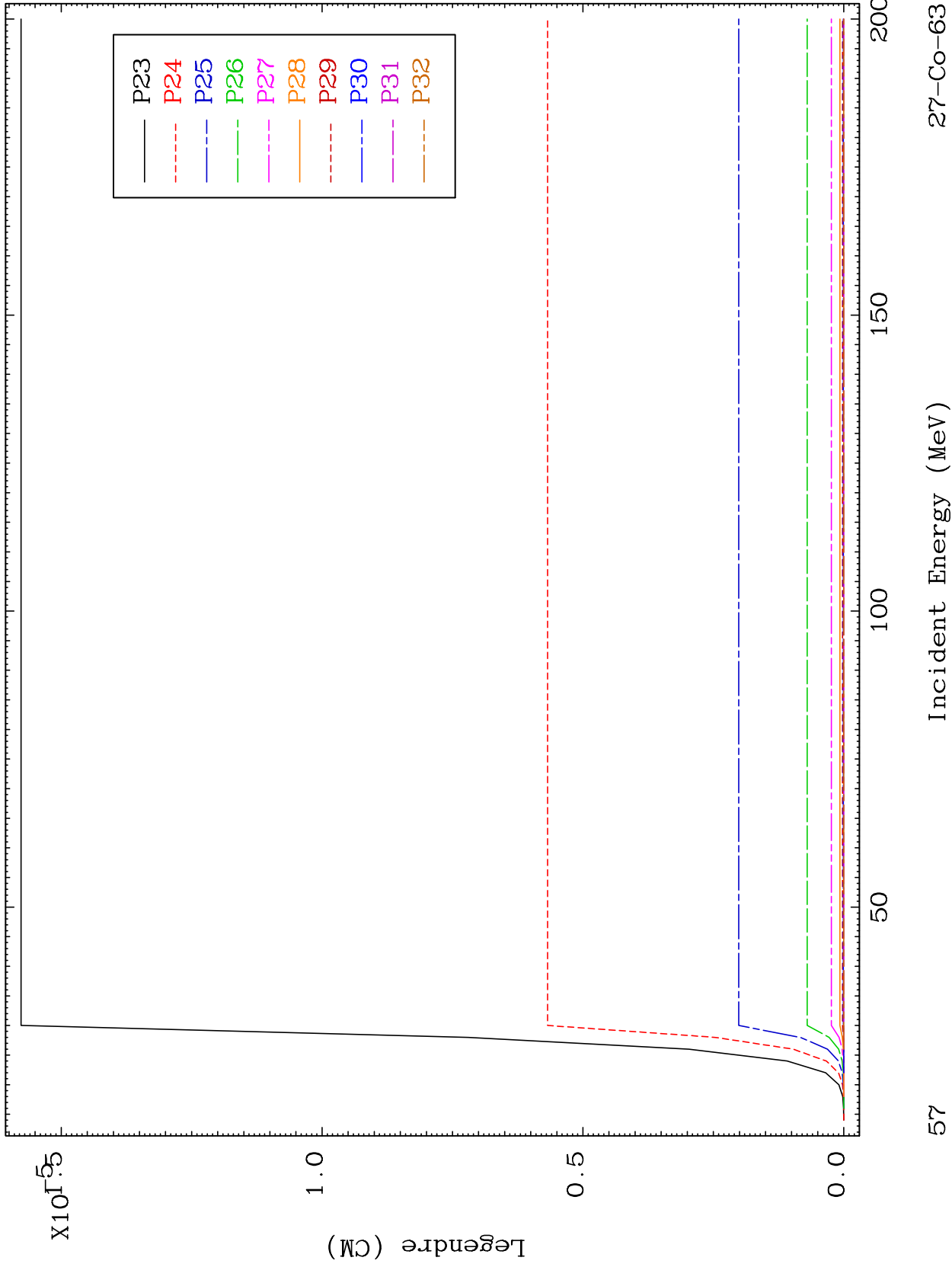




MAT 2737

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

27-Co-63



57

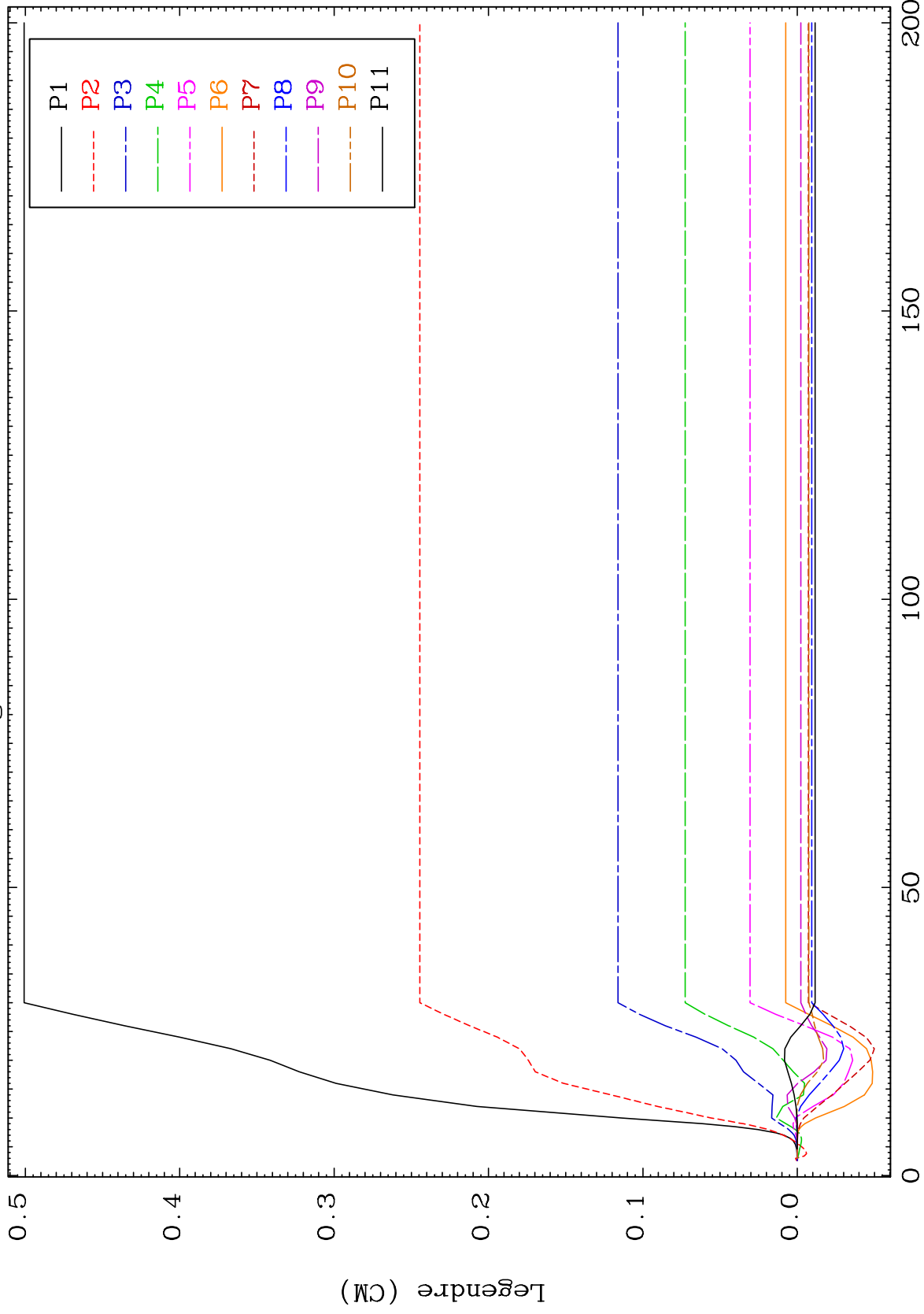
Incident Energy (MeV)

27-Co-63

MAT 2737

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

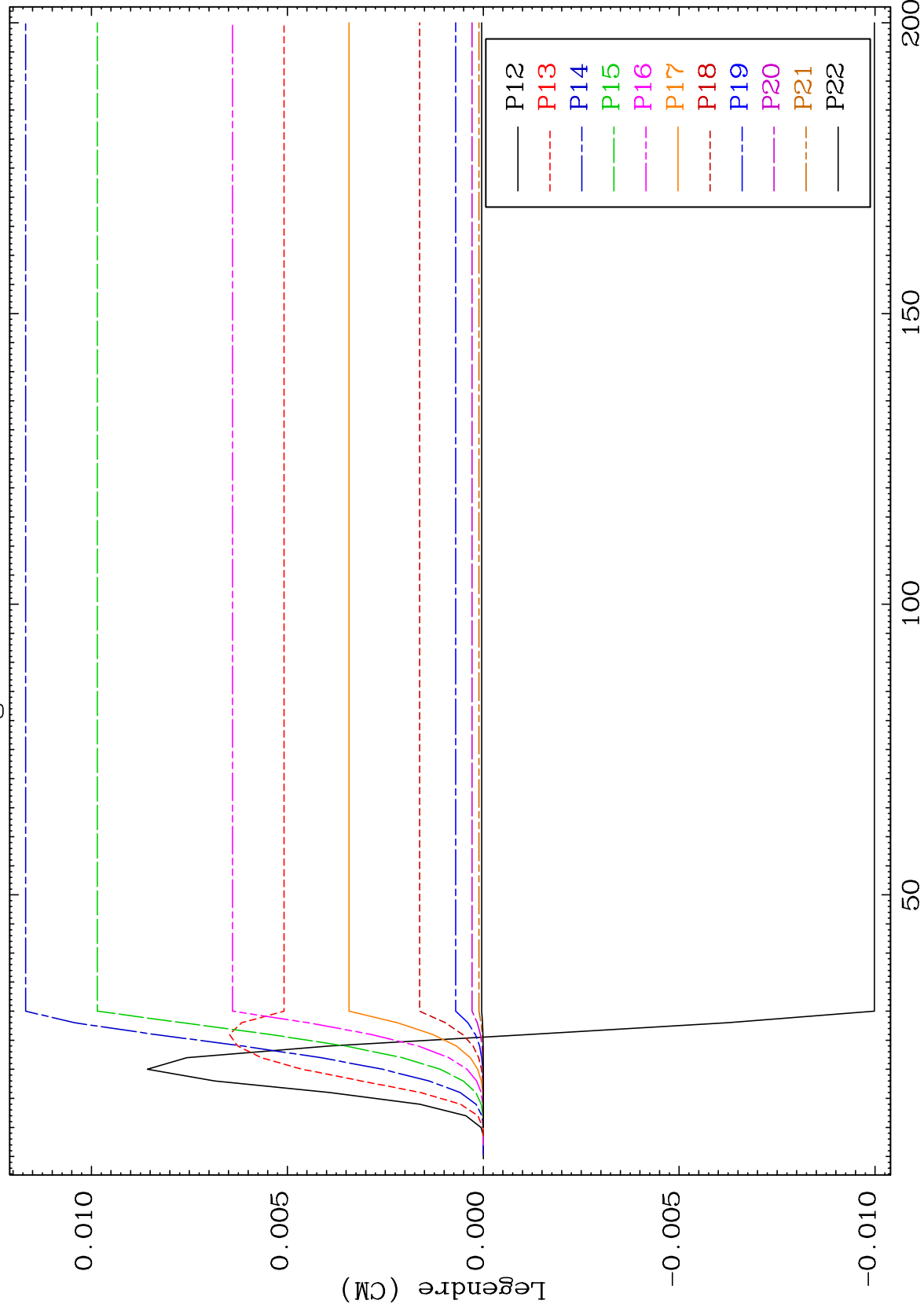
27-Co-63



58

Incident Energy (MeV)

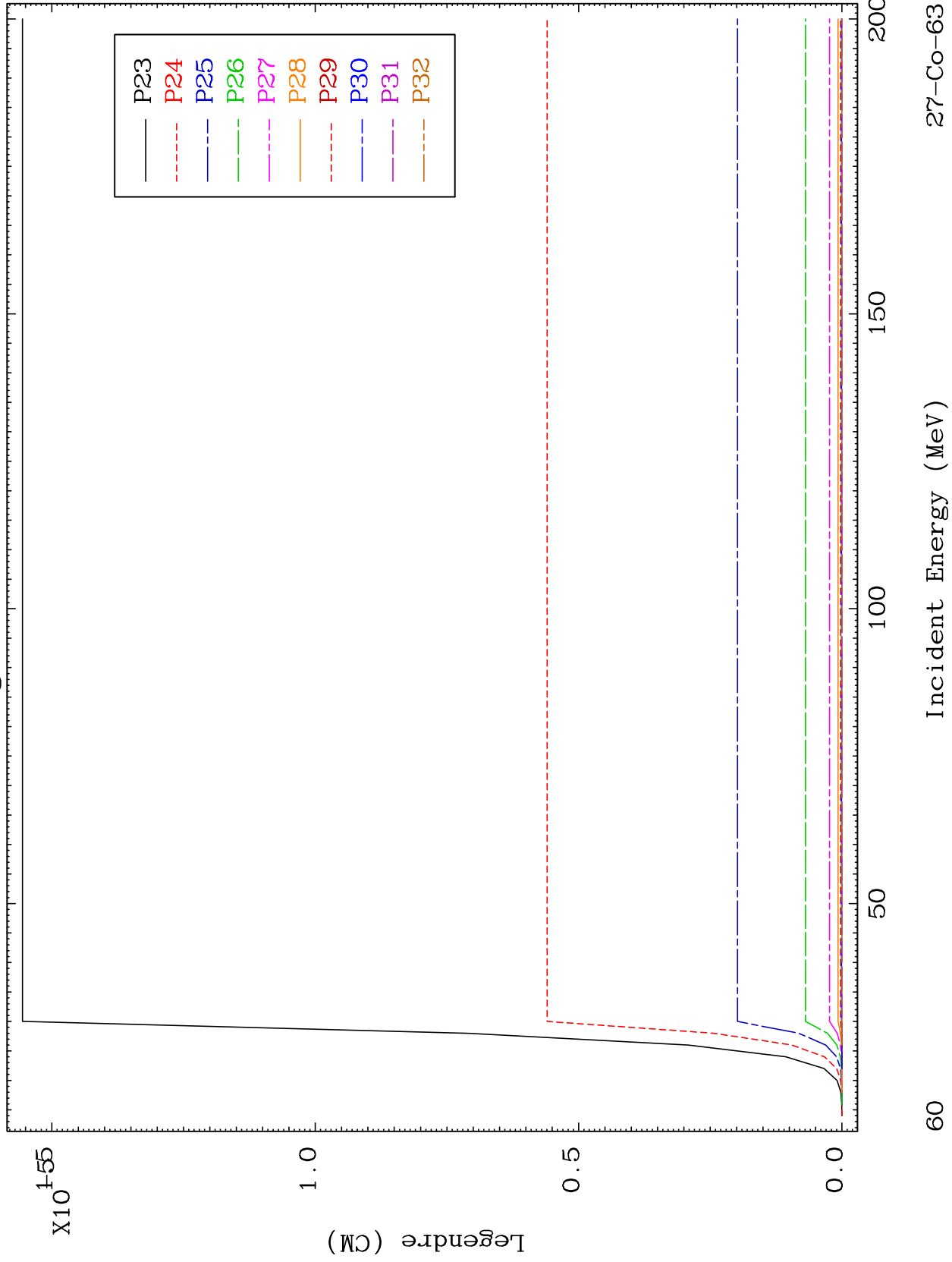
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MAT 2737

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

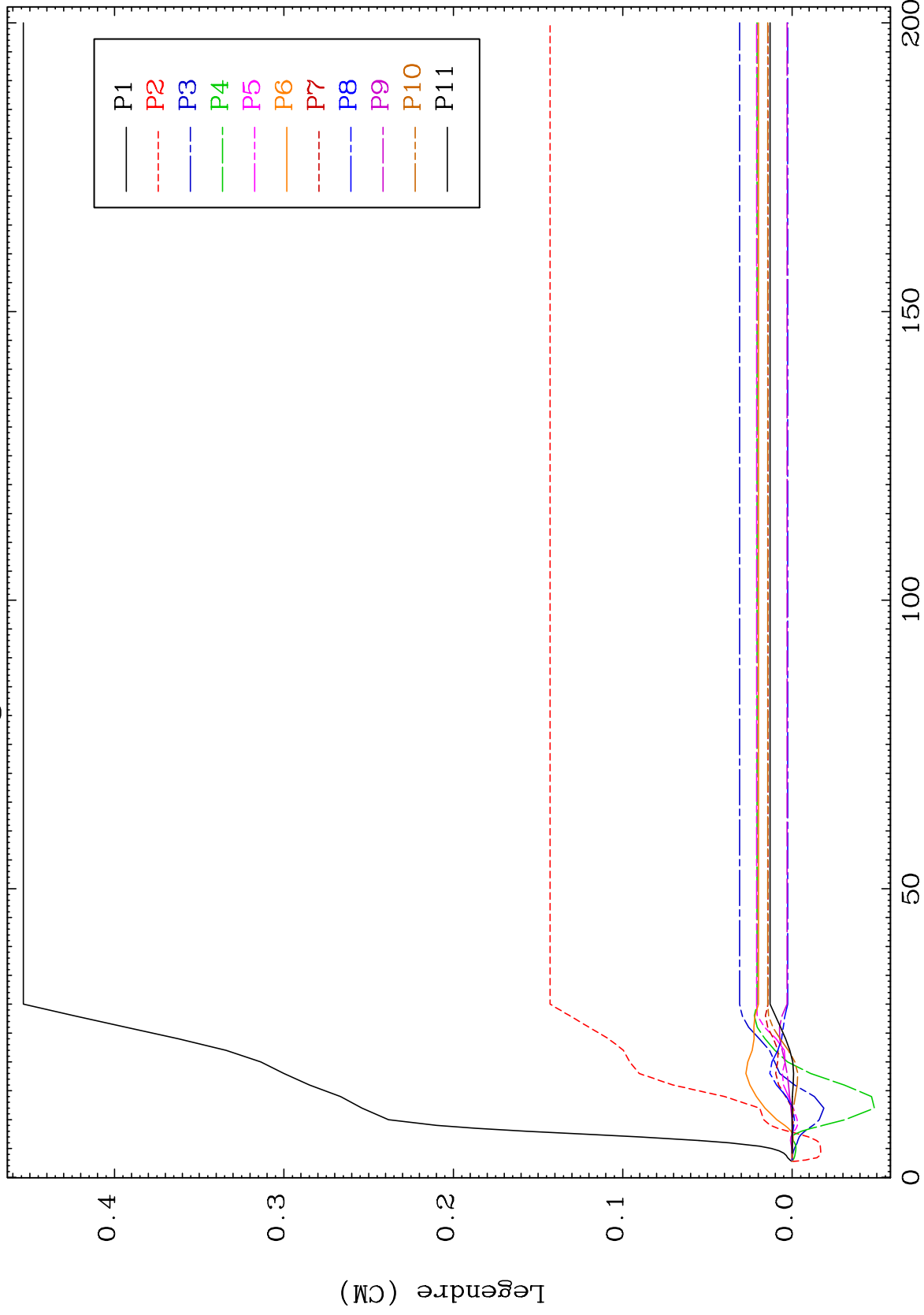
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MAT 2737

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

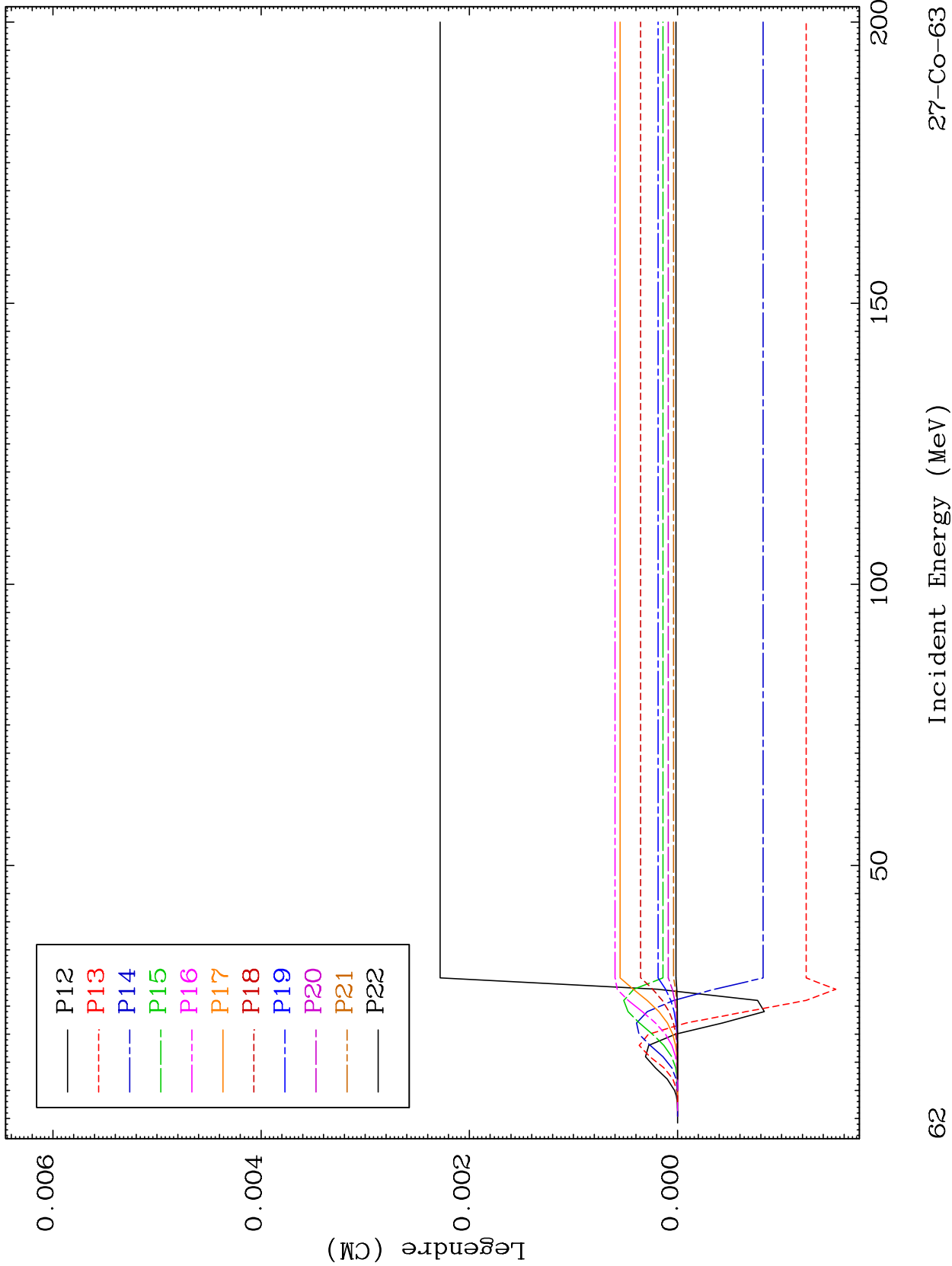
27-Co-63



61

Incident Energy (MeV)

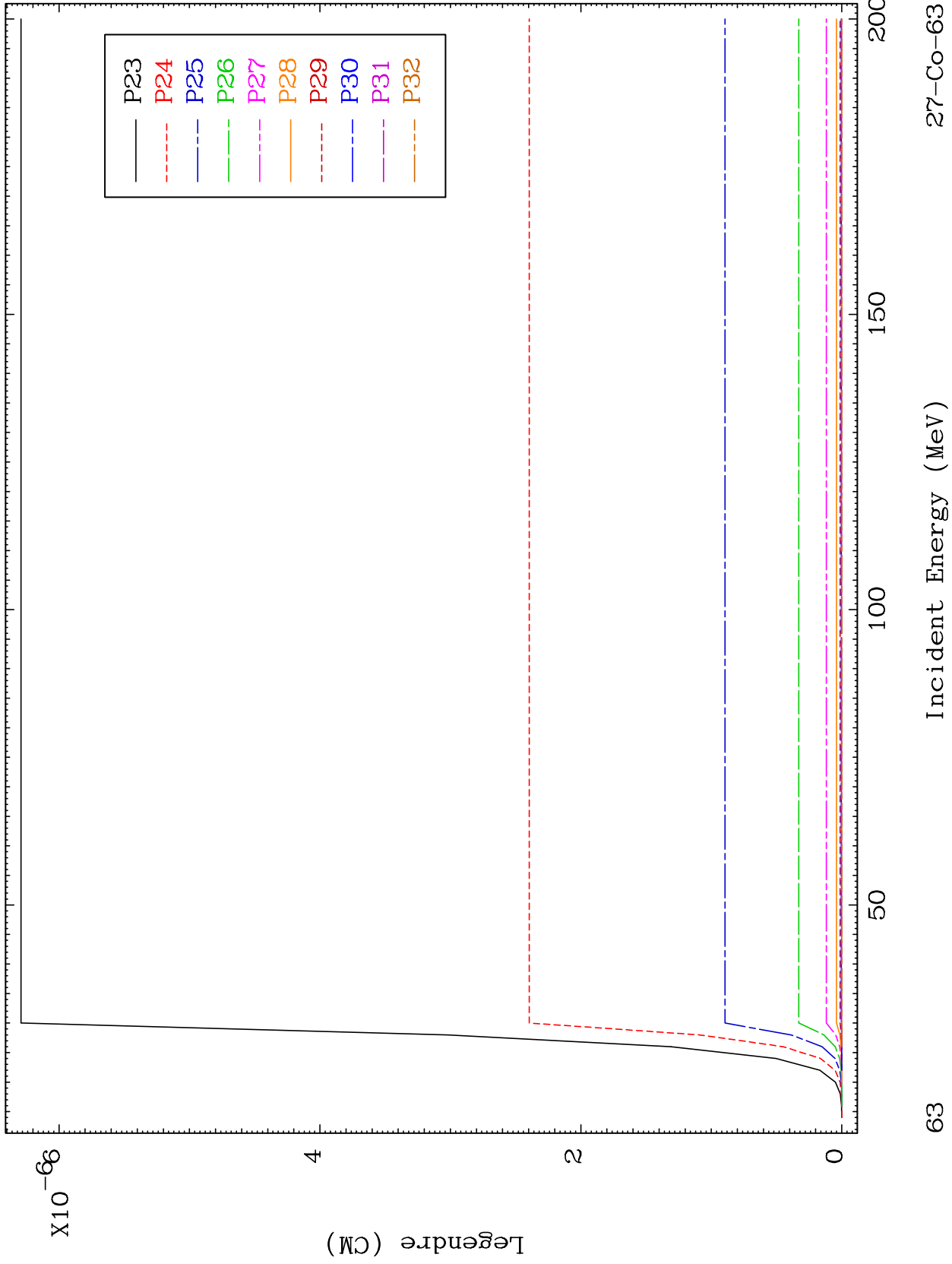
27-Co-63



MAT 2737

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

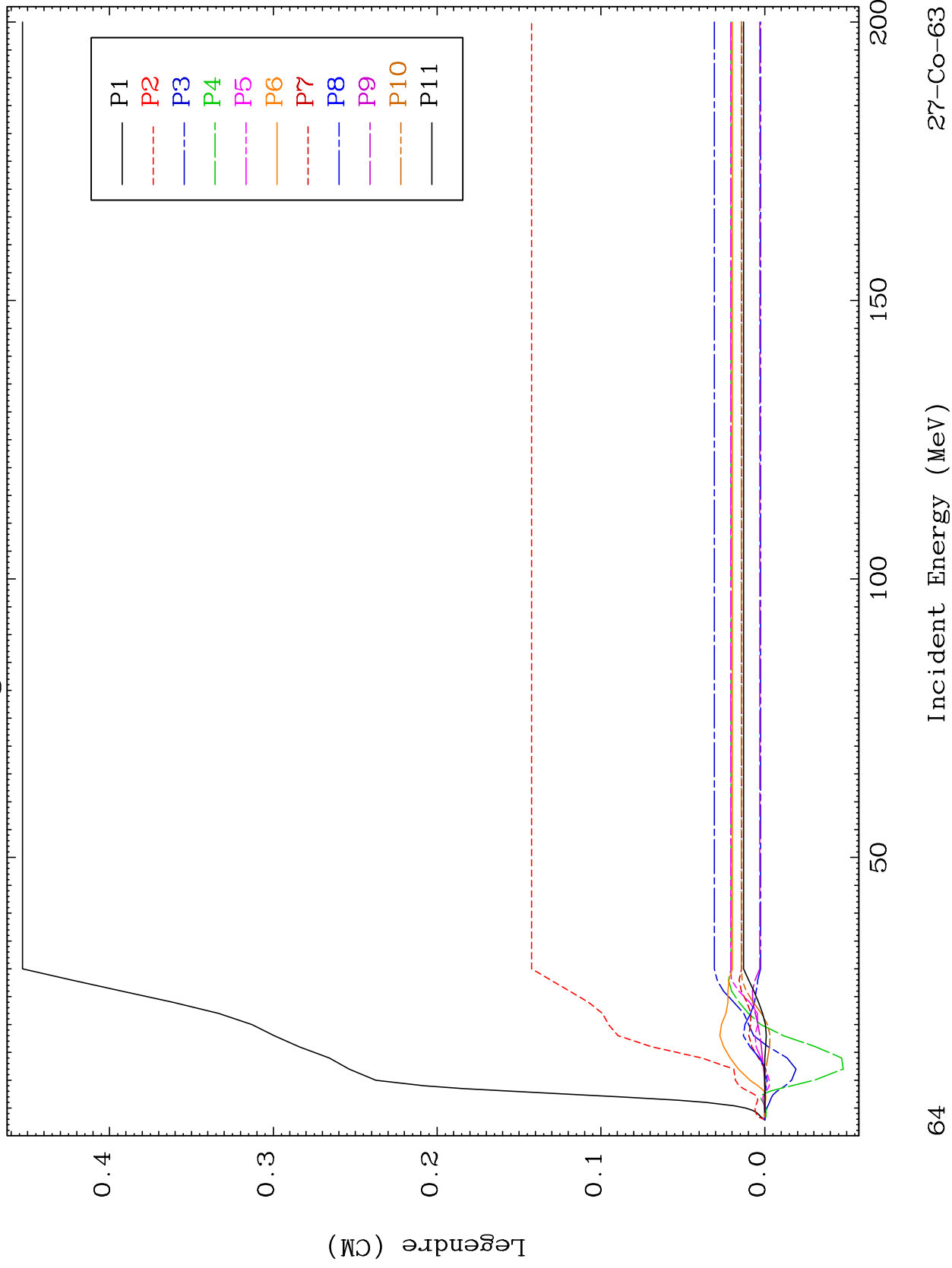
27-Co-63



MAT 2737

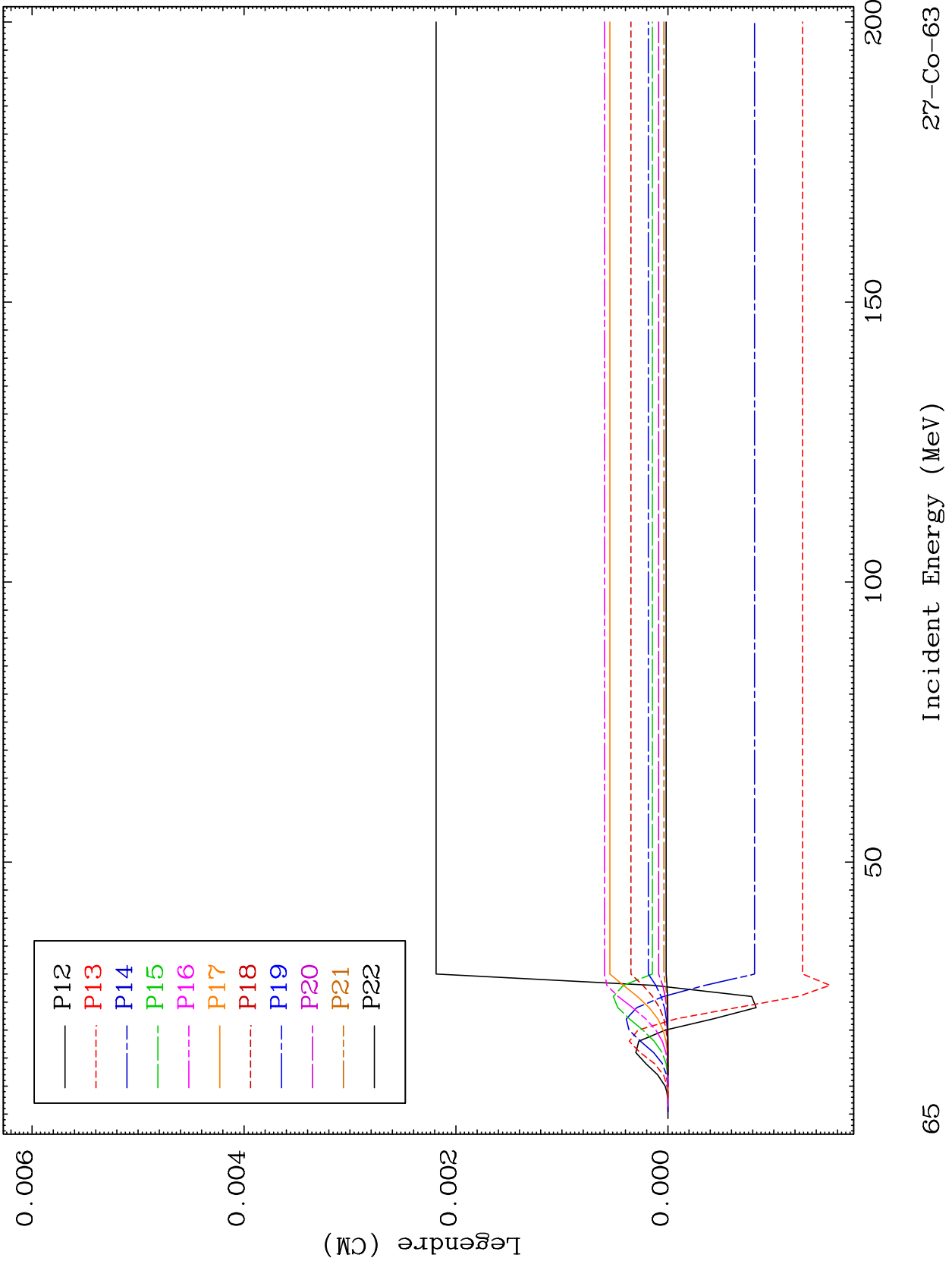
MT= 66 (n,n') Level
Legendre Coefficients

27-Co-63



64

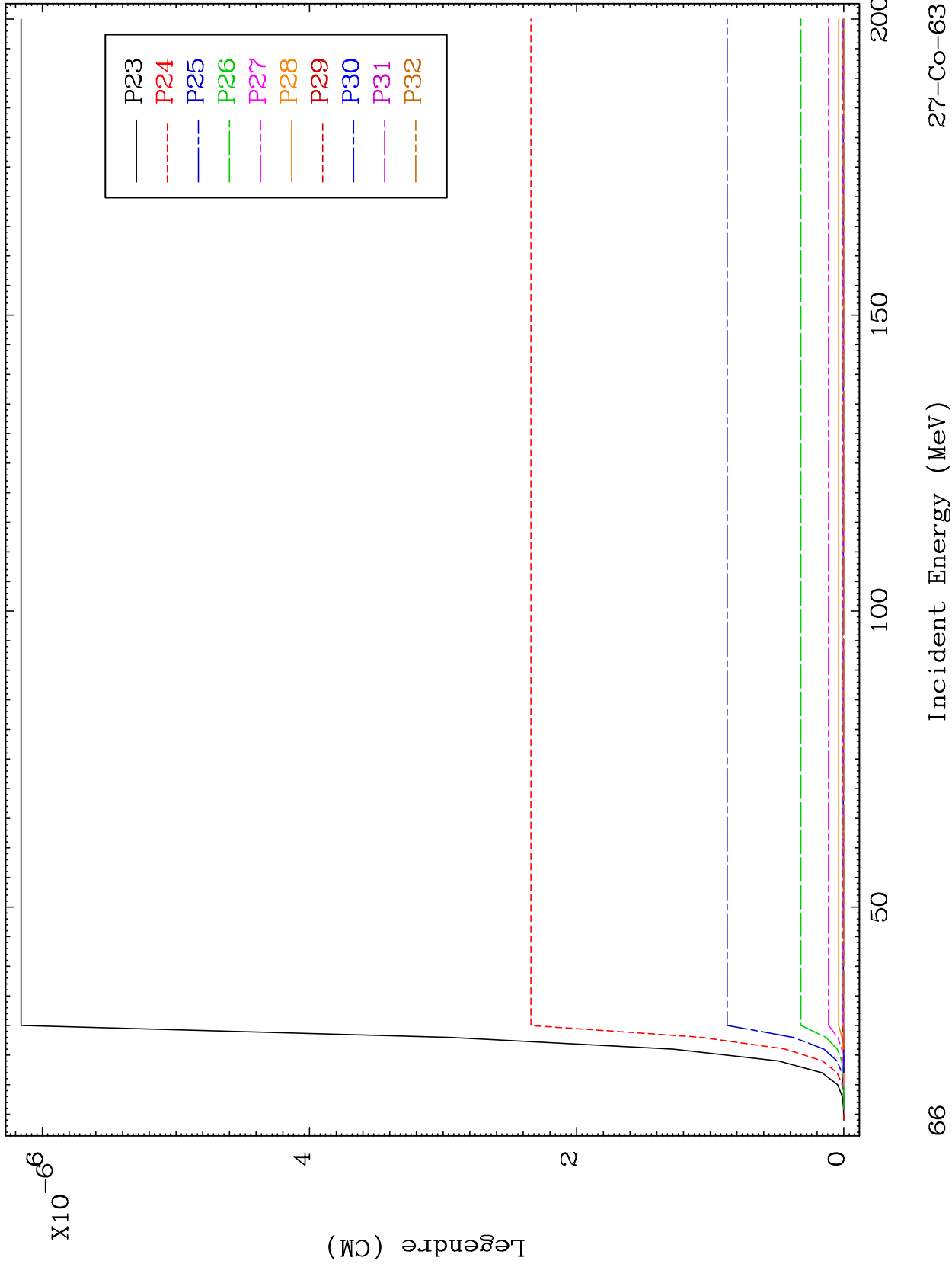
27-Co-63



MAT 2737

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

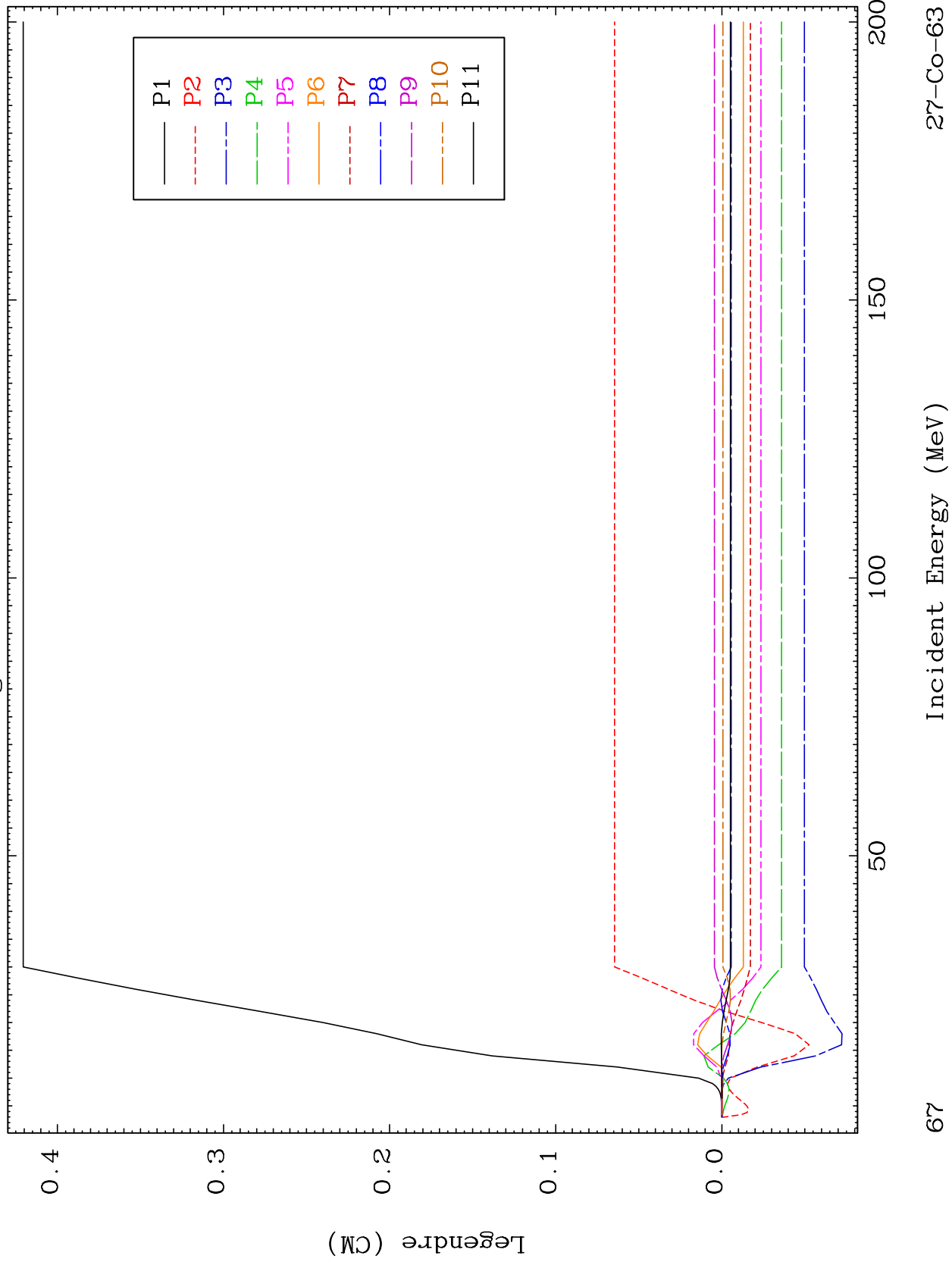
27-Co-63



MAT 2737

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

27-Co-63



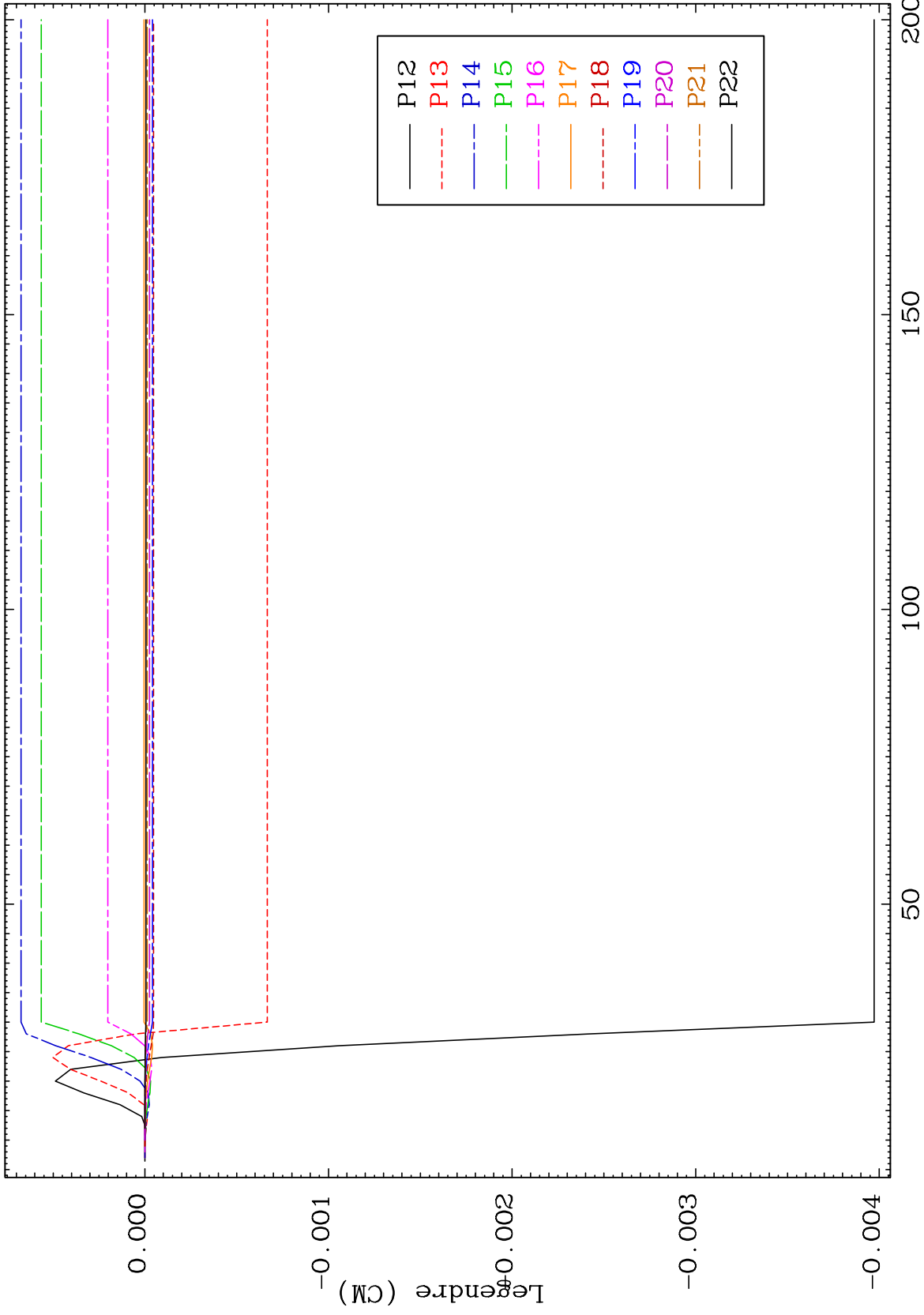
67

27-Co-63

MAT 2737

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

27-Co-63



68

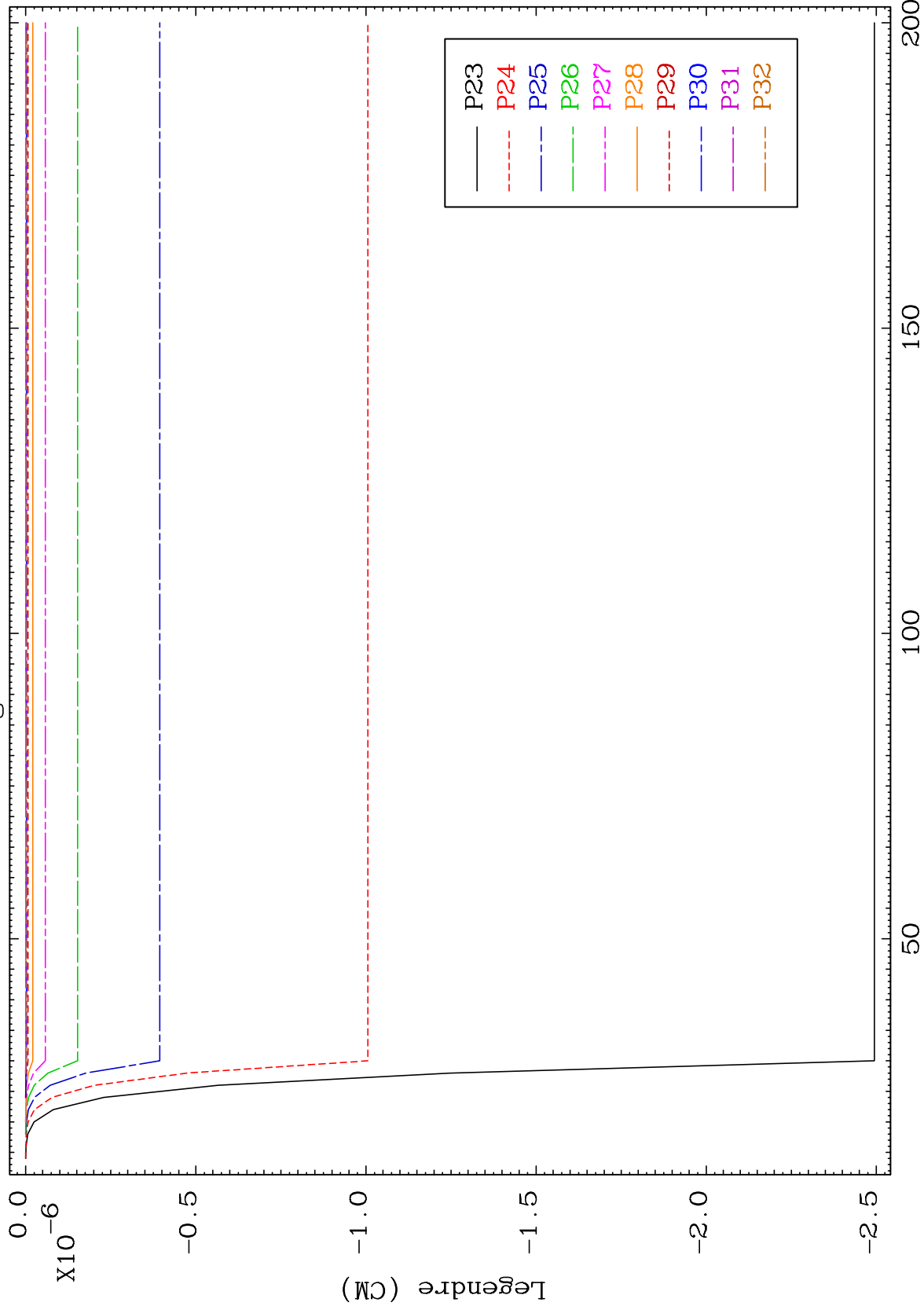
Incident Energy (MeV)

27-Co-63

MAT 2737

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

27-Co-63



69

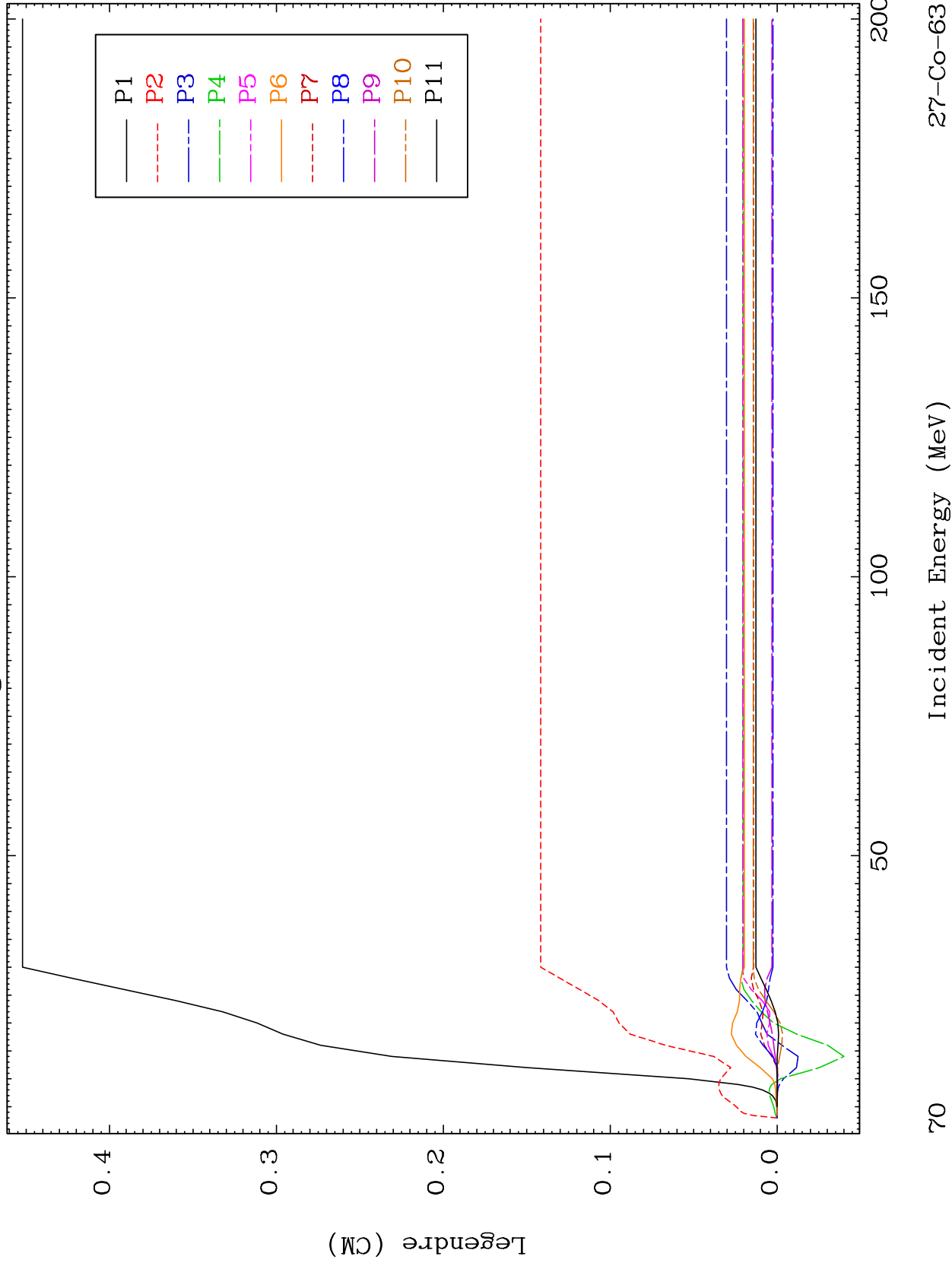
Incident Energy (MeV)

27-Co-63

MAT 2737

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

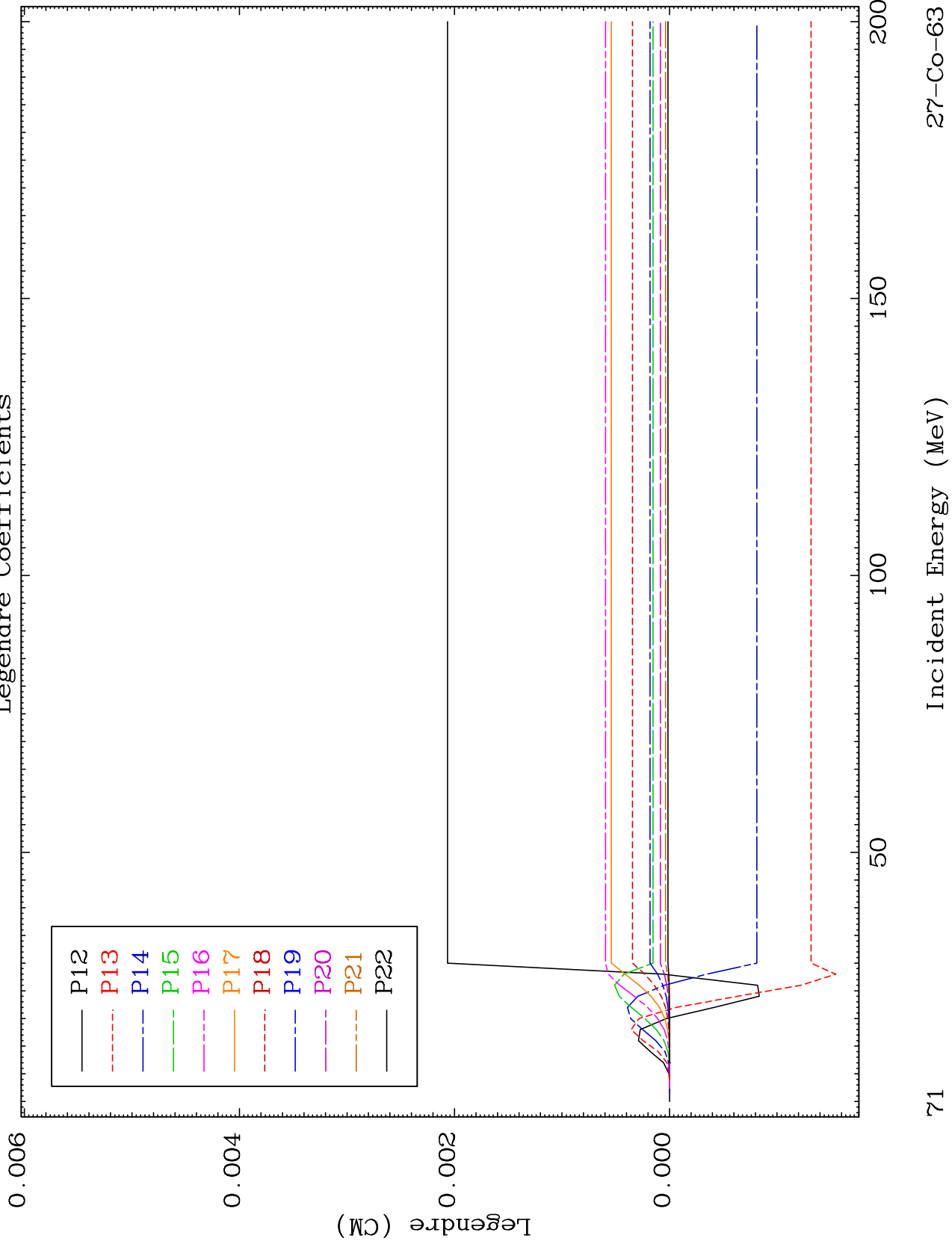
27-Co-63



MAT 2737

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

27-Co-63



71

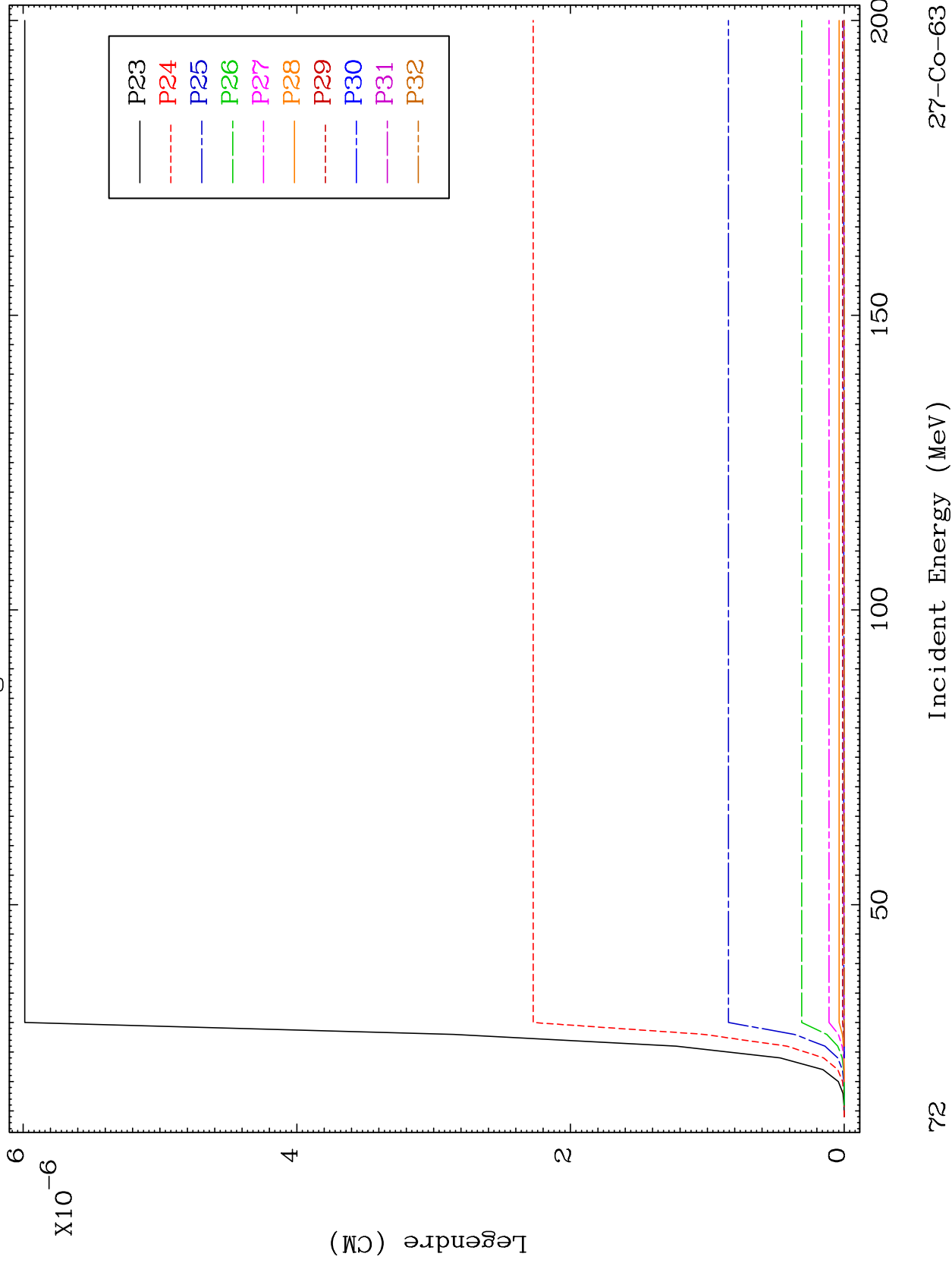
Incident Energy (MeV)

27-Co-63

MAT 2737

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

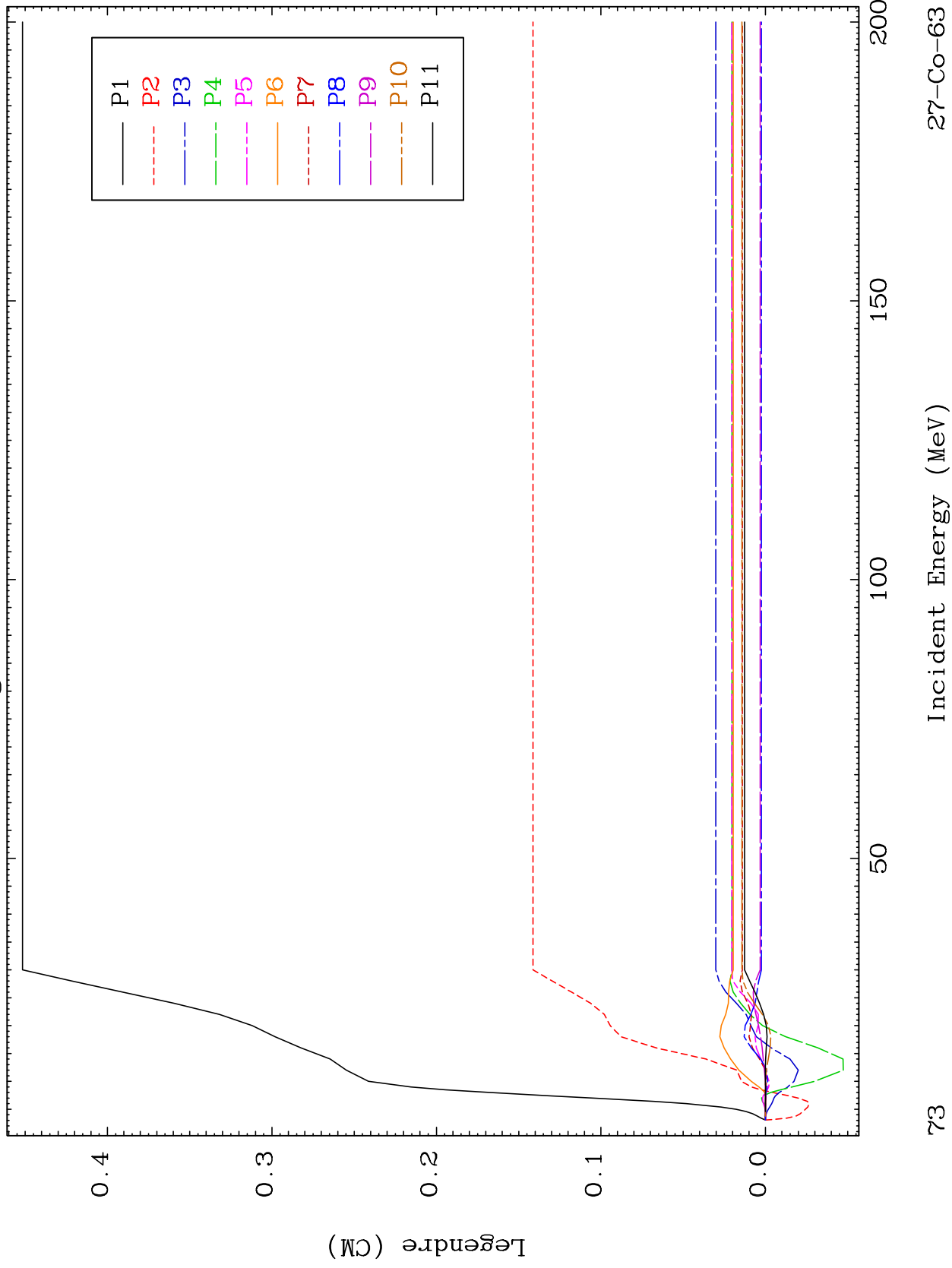
27-Co-63

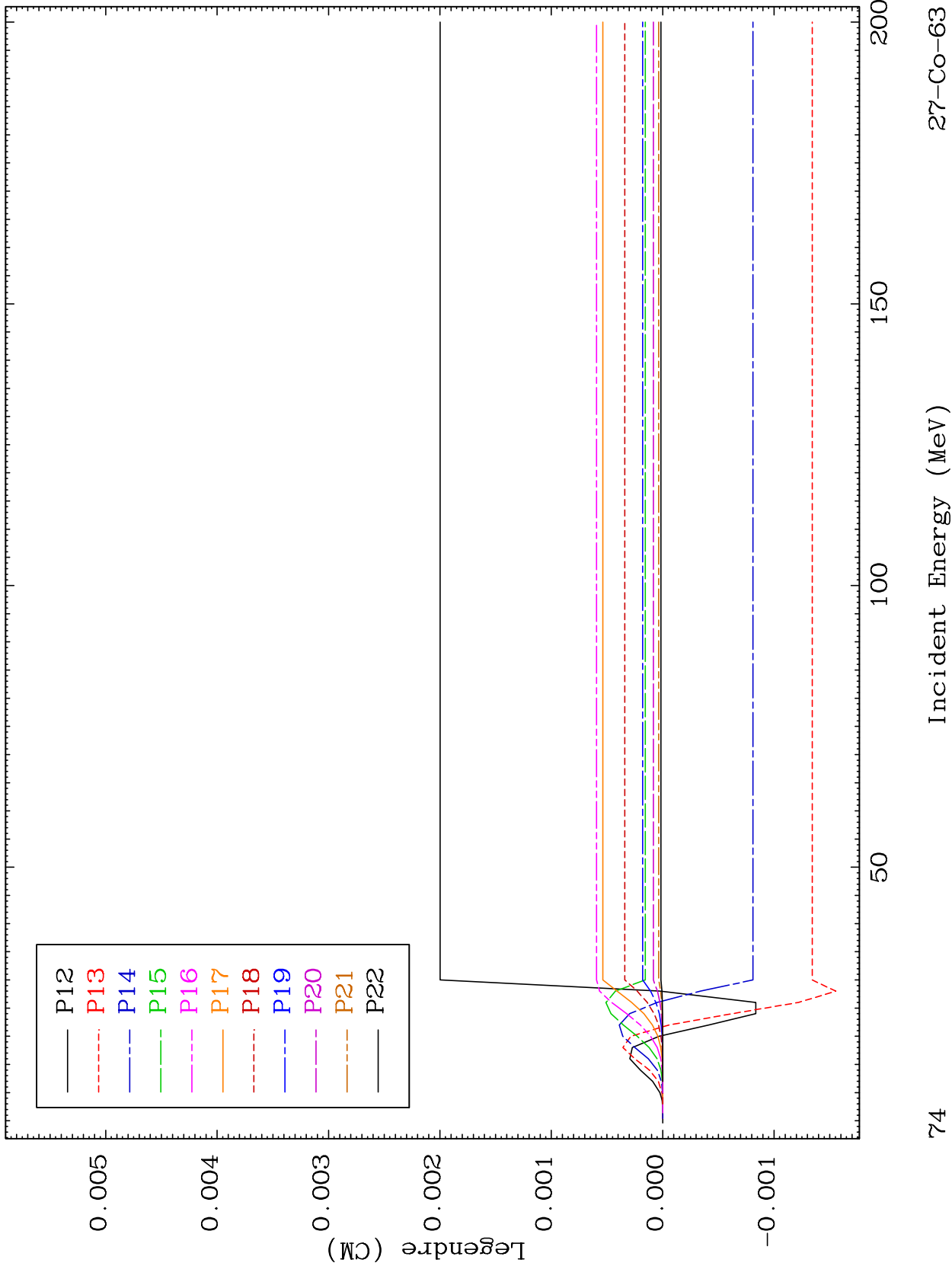


MAT 2737

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

27-Co-63

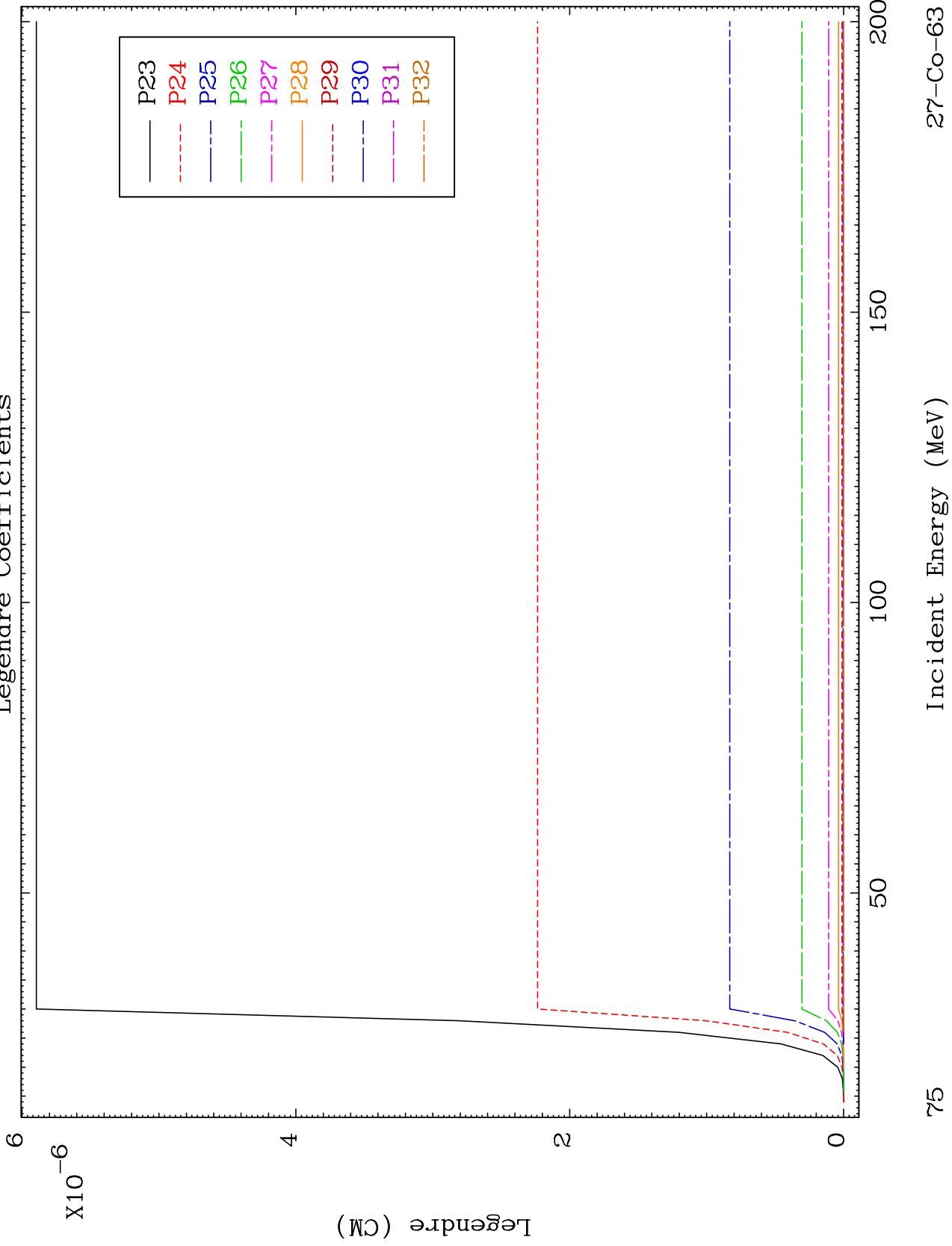




MAT 2737

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

27-Co-63



75

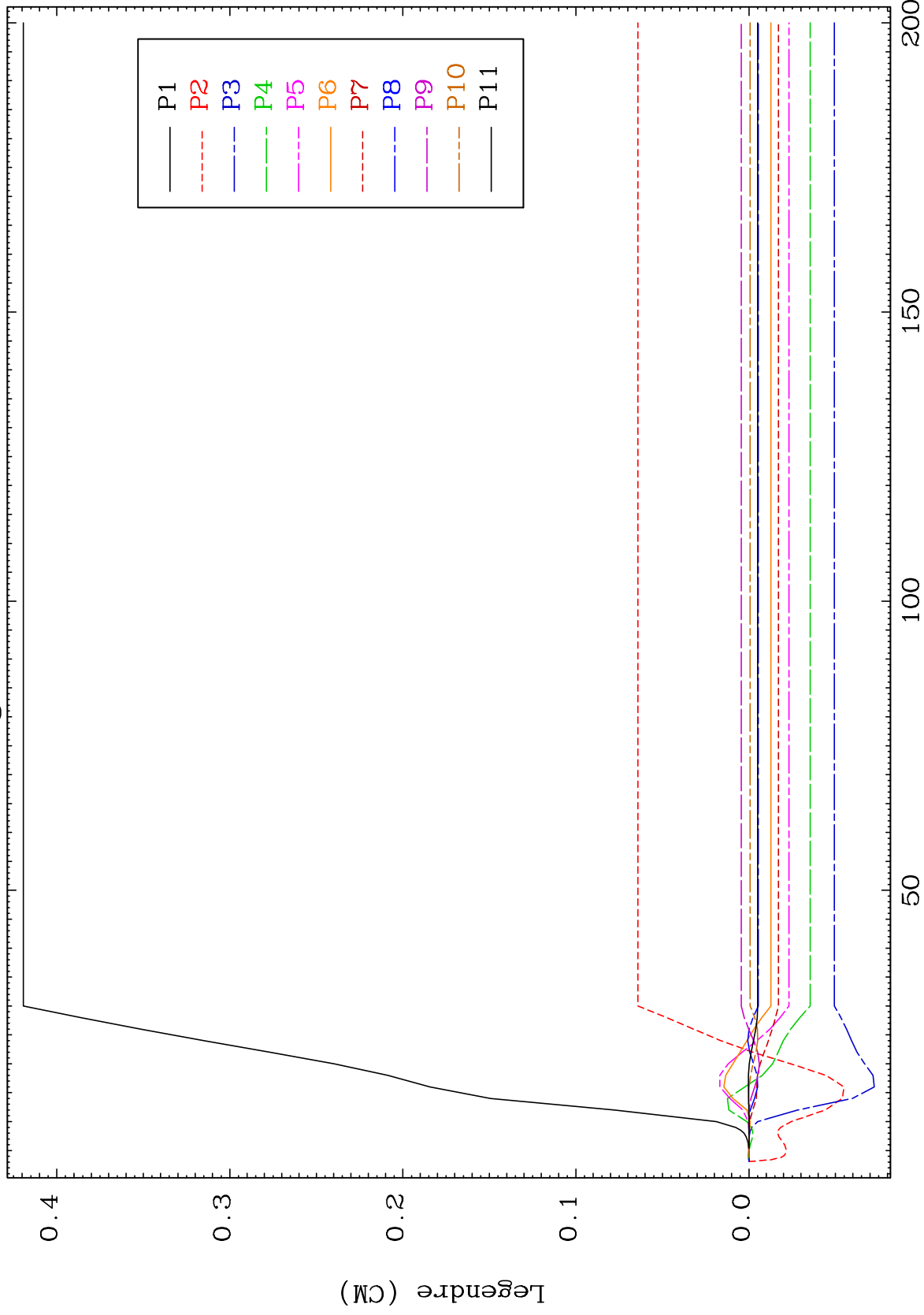
Incident Energy (MeV)

27-Co-63

MAT 2737

MT= 70 (n,n') Level
Legendre Coefficients

27-Co-63



76

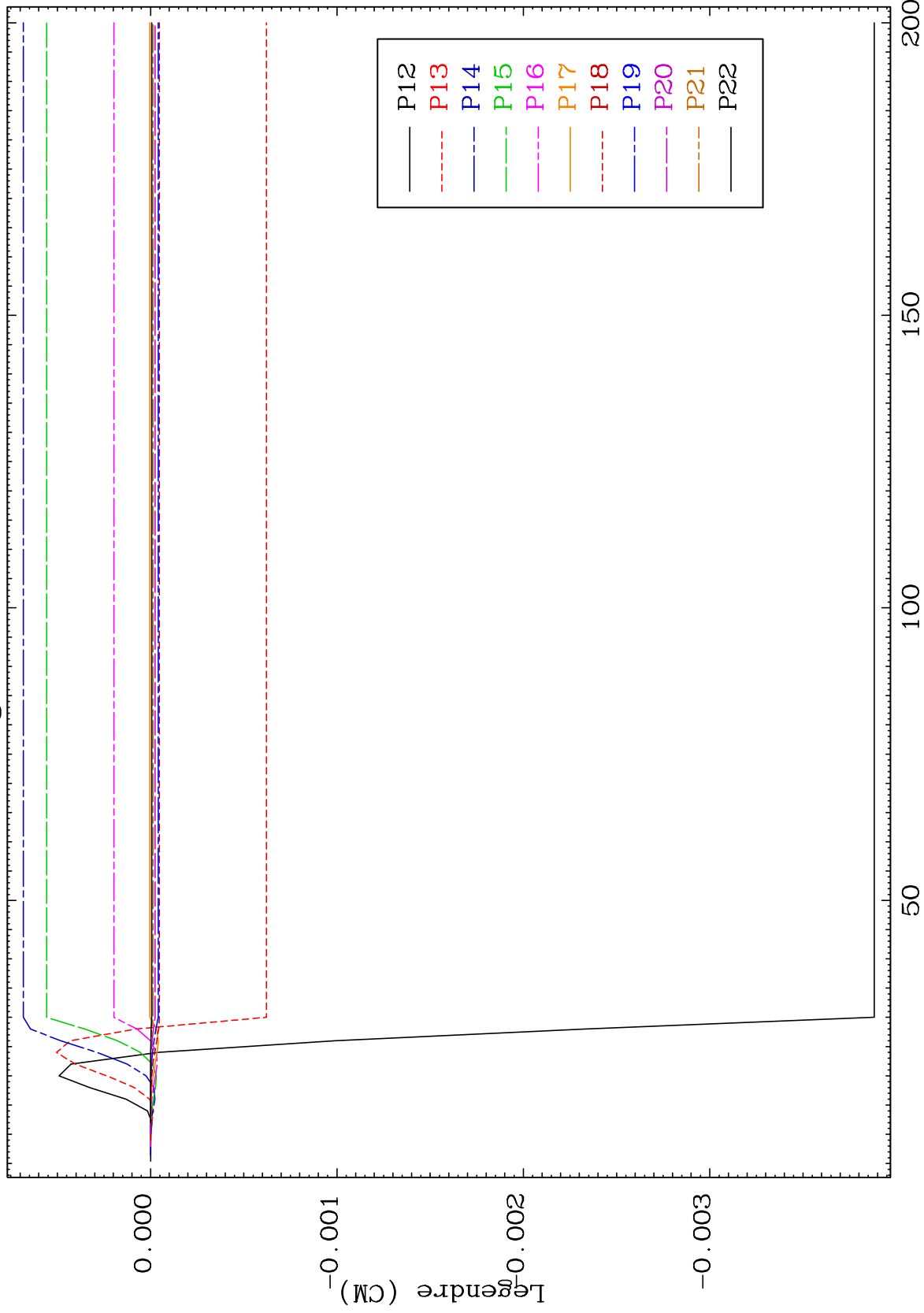
Incident Energy (MeV)

27-Co-63

MAT 2737

MT= 70 (n,n') Level
Legendre Coefficients

27-Co-63



77

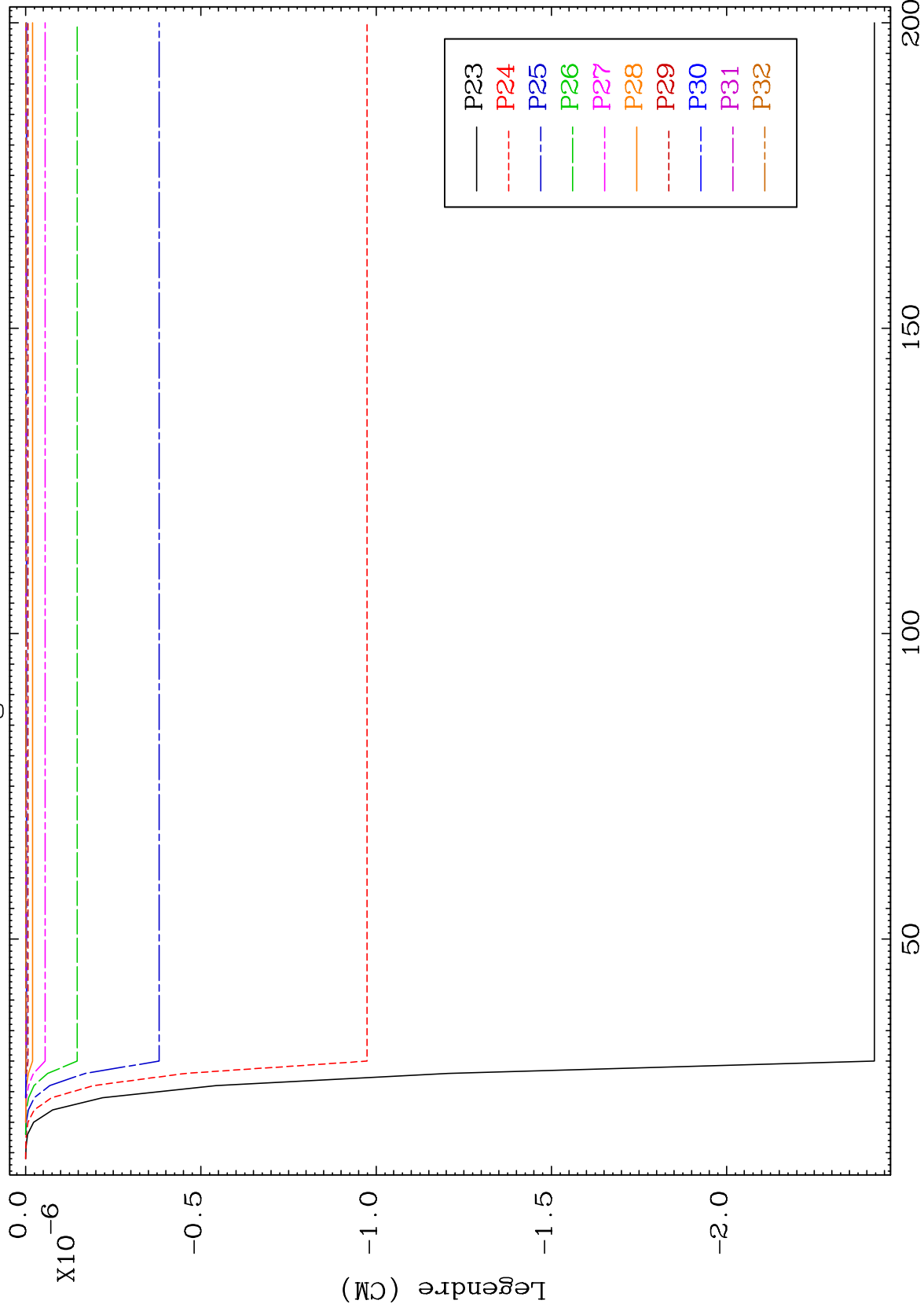
Incident Energy (MeV)

27-Co-63

MAT 2737

MT= 70 (n,n') Level
Legendre Coefficients

27-Co-63



78

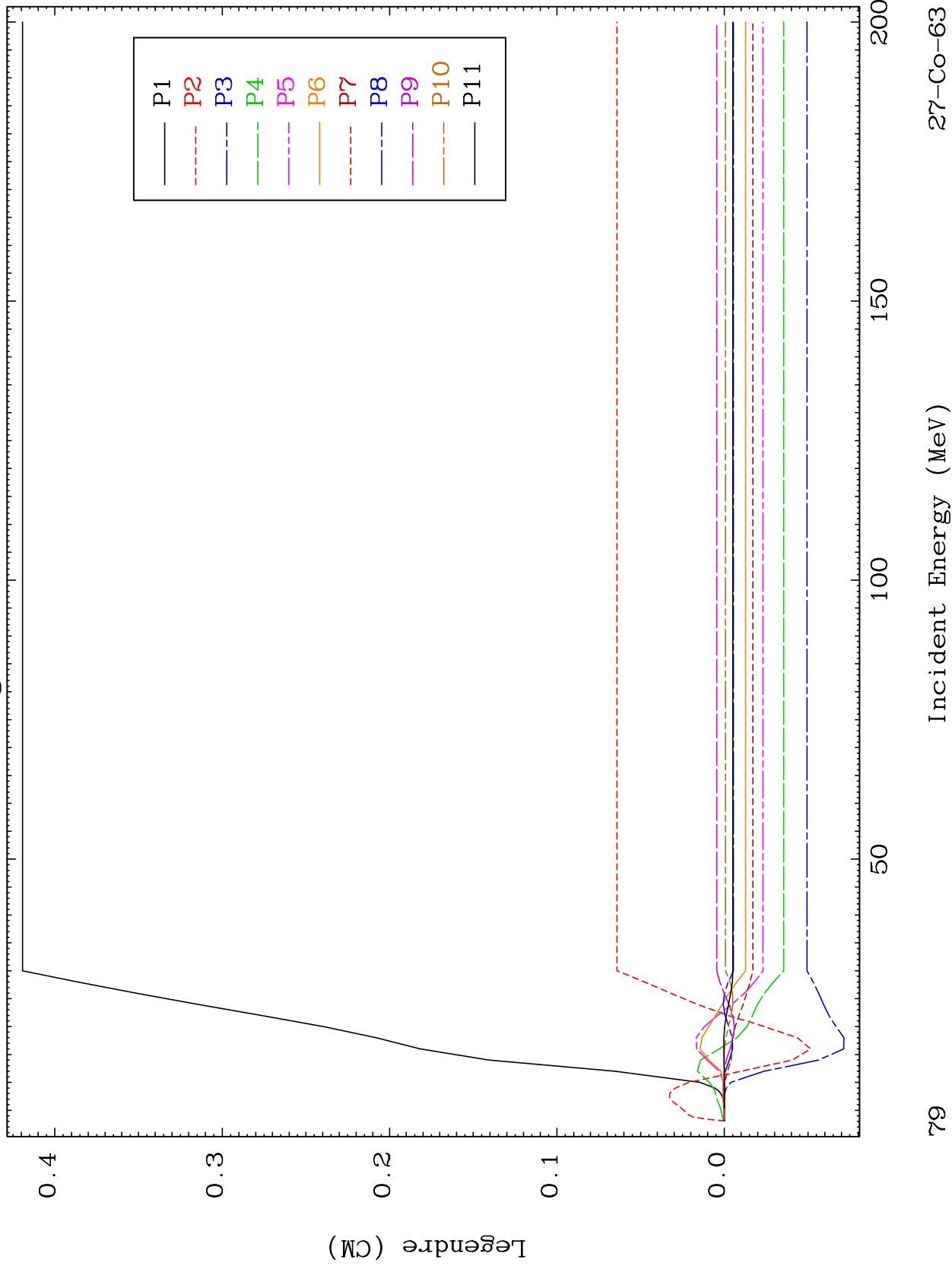
Incident Energy (MeV)

27-Co-63

MAT 2737

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

27-Co-63



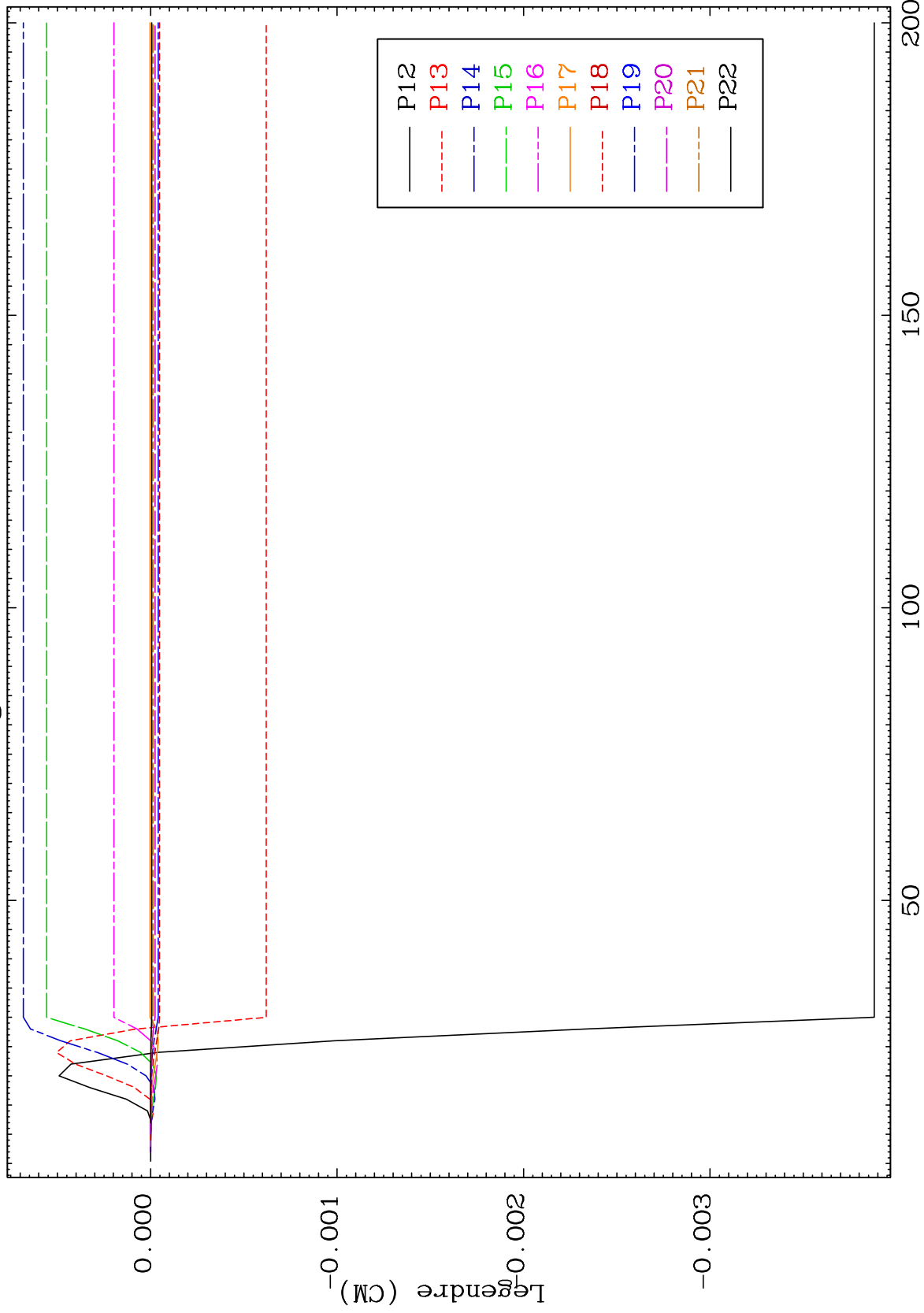
79

27-Co-63

MAT 2737

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

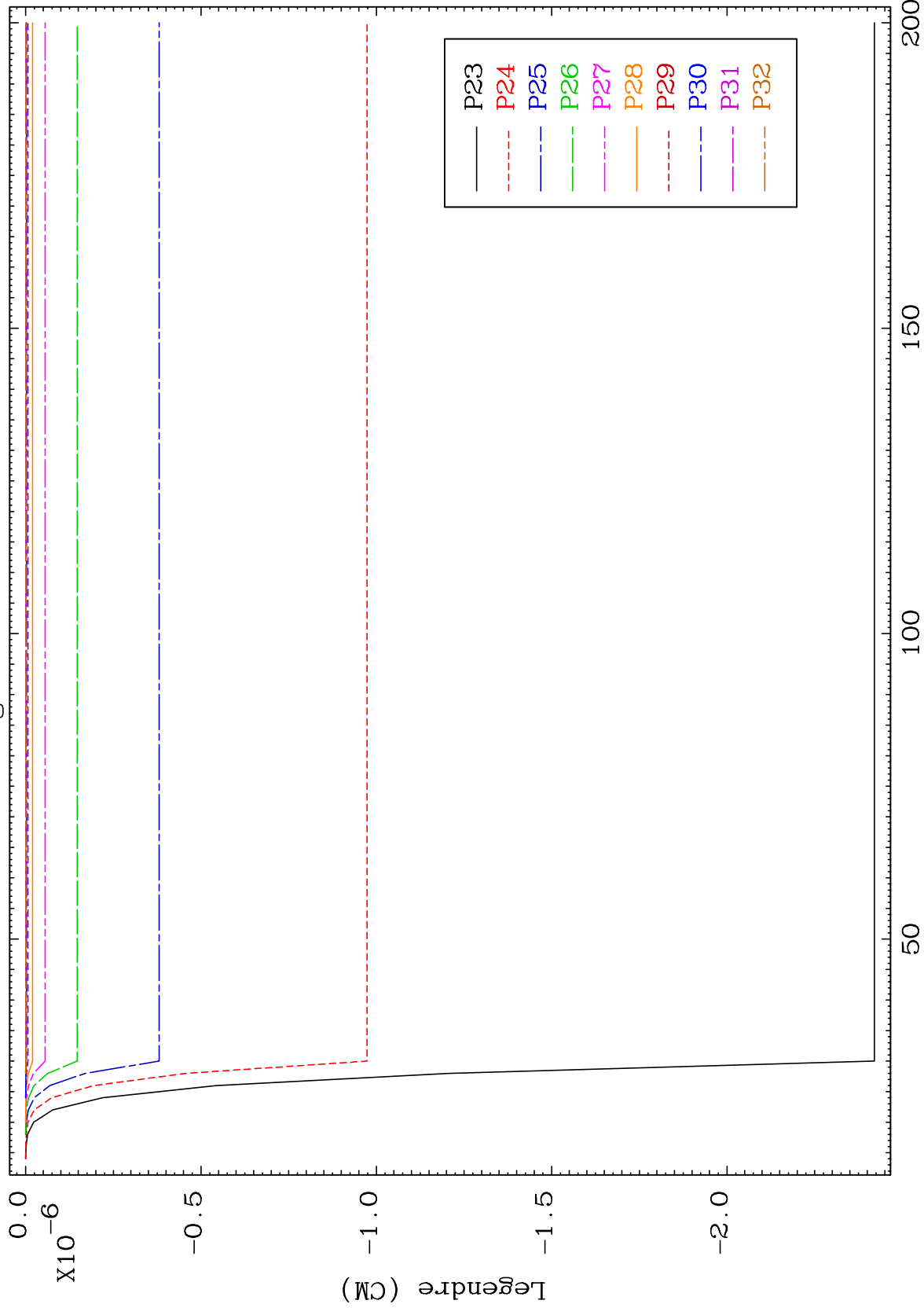
27-Co-63



80

Incident Energy (MeV)

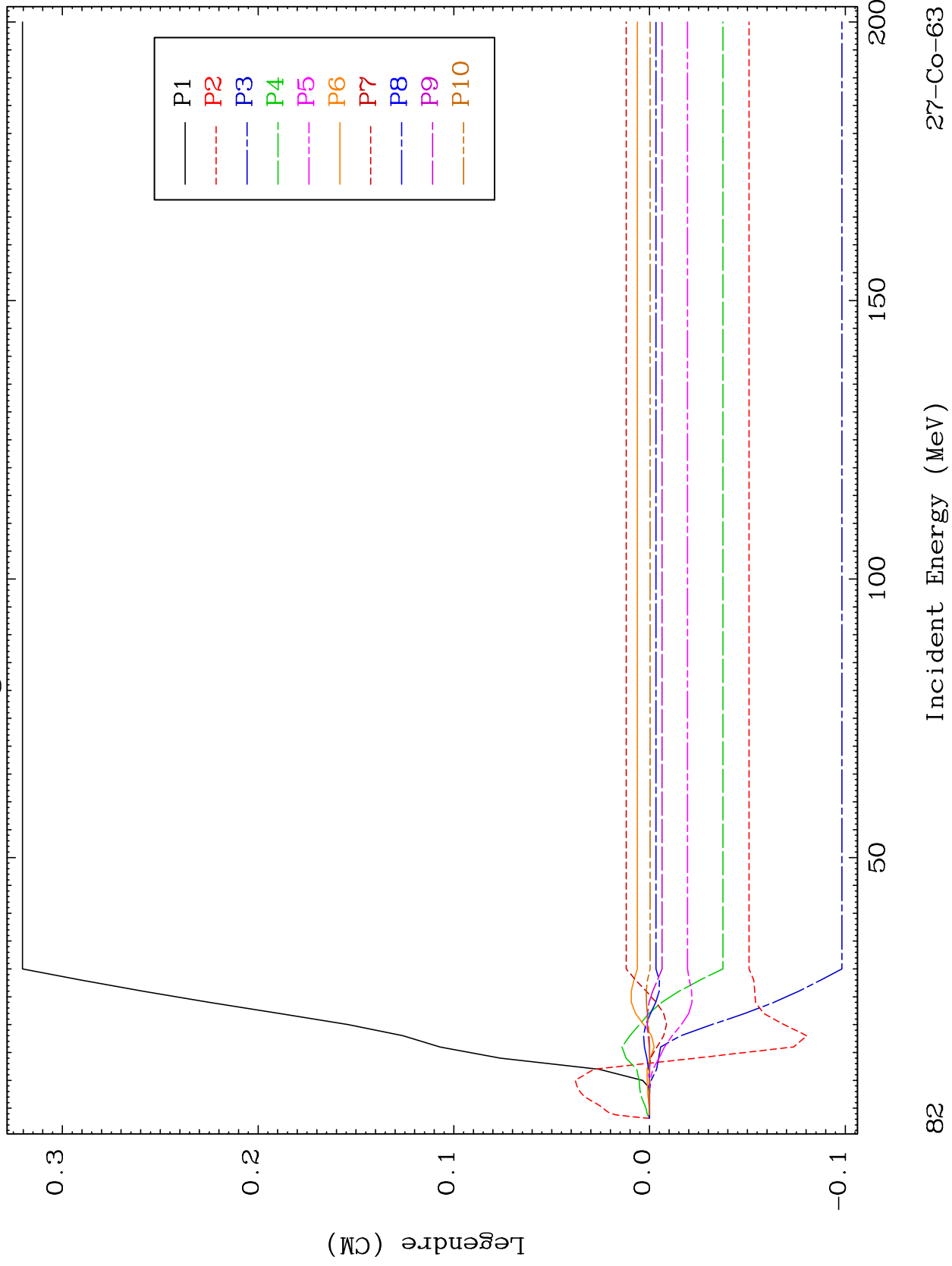
27-Co-63



MAT 2737

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

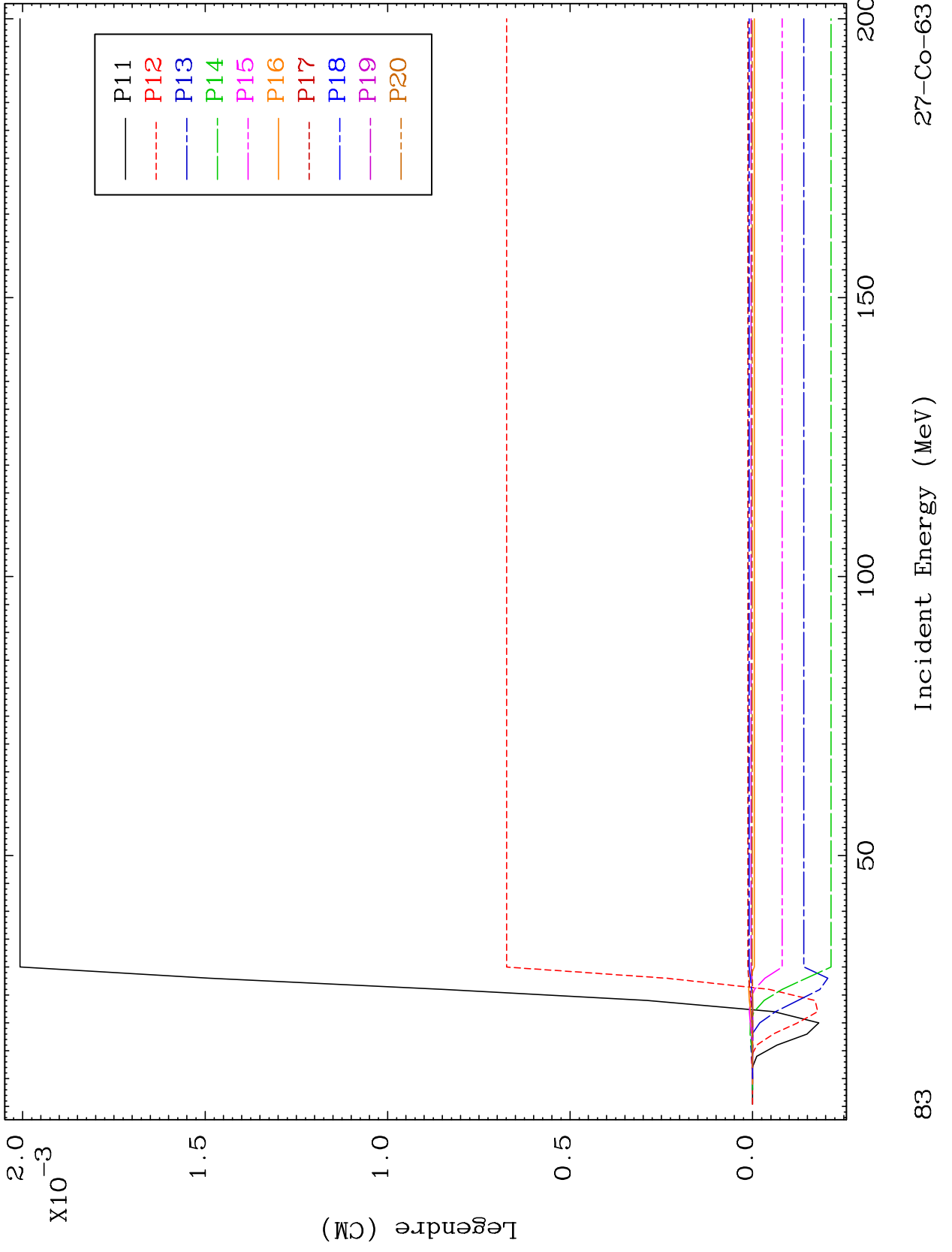
27-Co-63



82

Incident Energy (MeV)

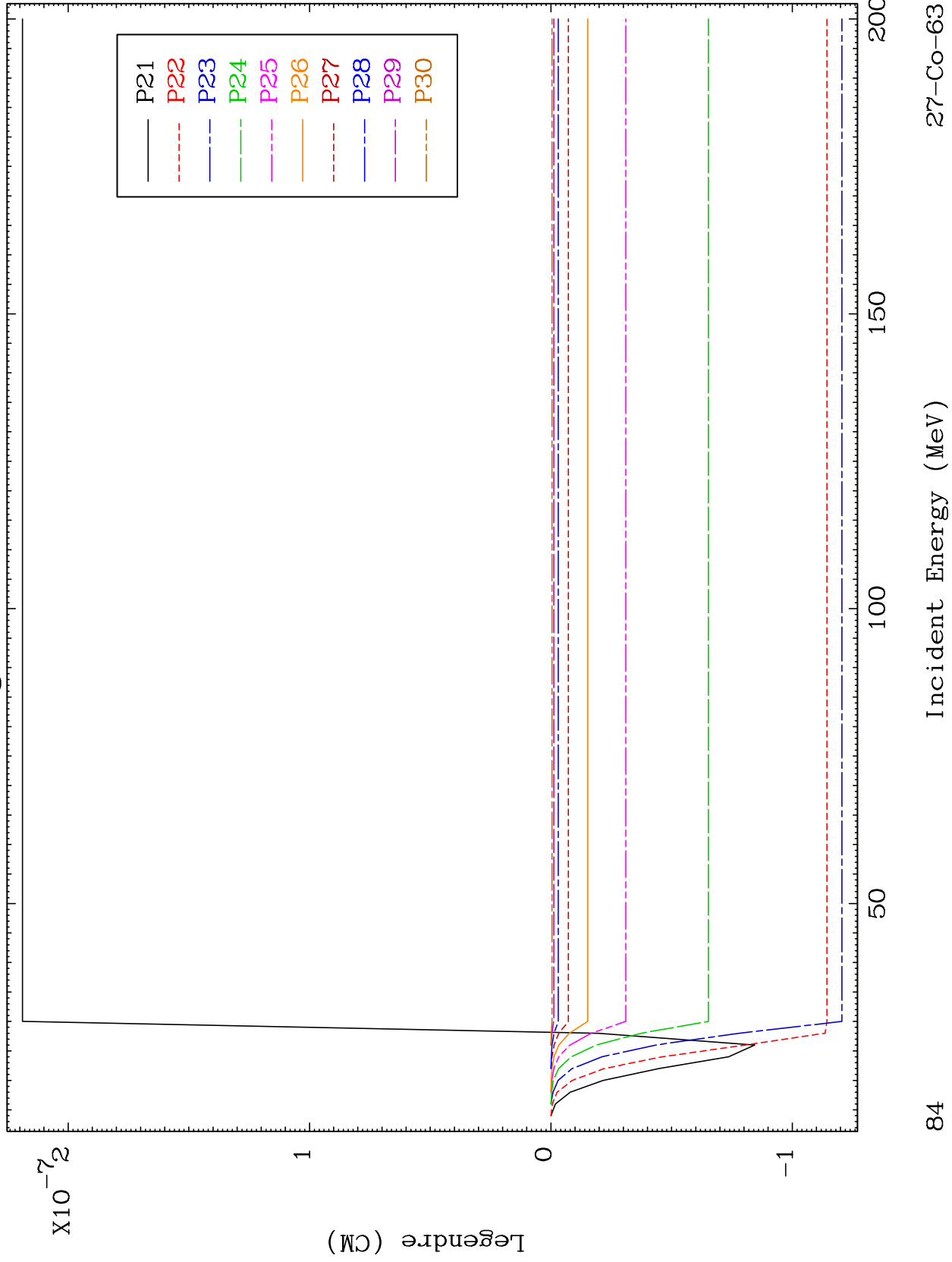
27-Co-63



MAT 2737

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

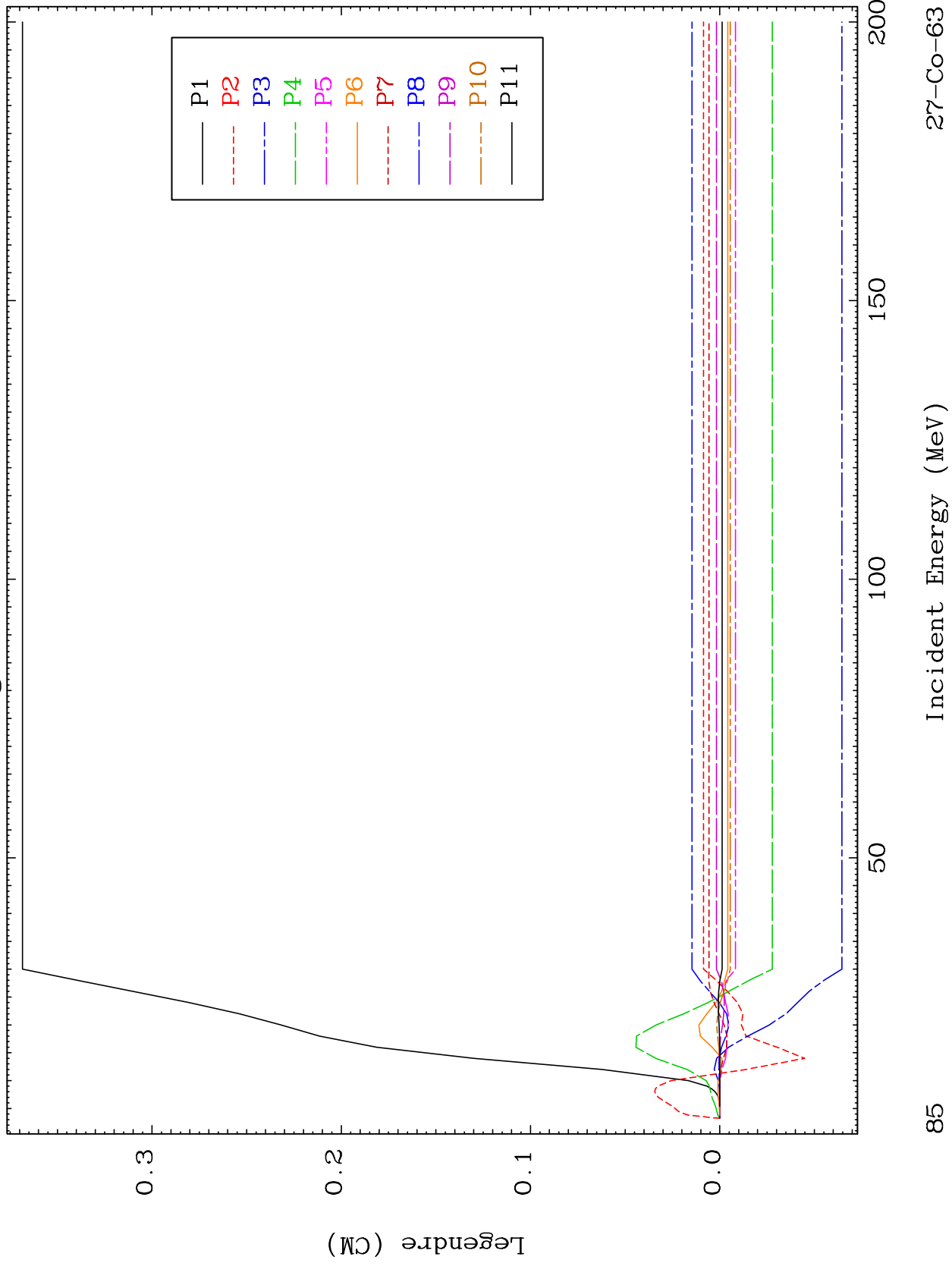
27-Co-63



MAT 2737

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

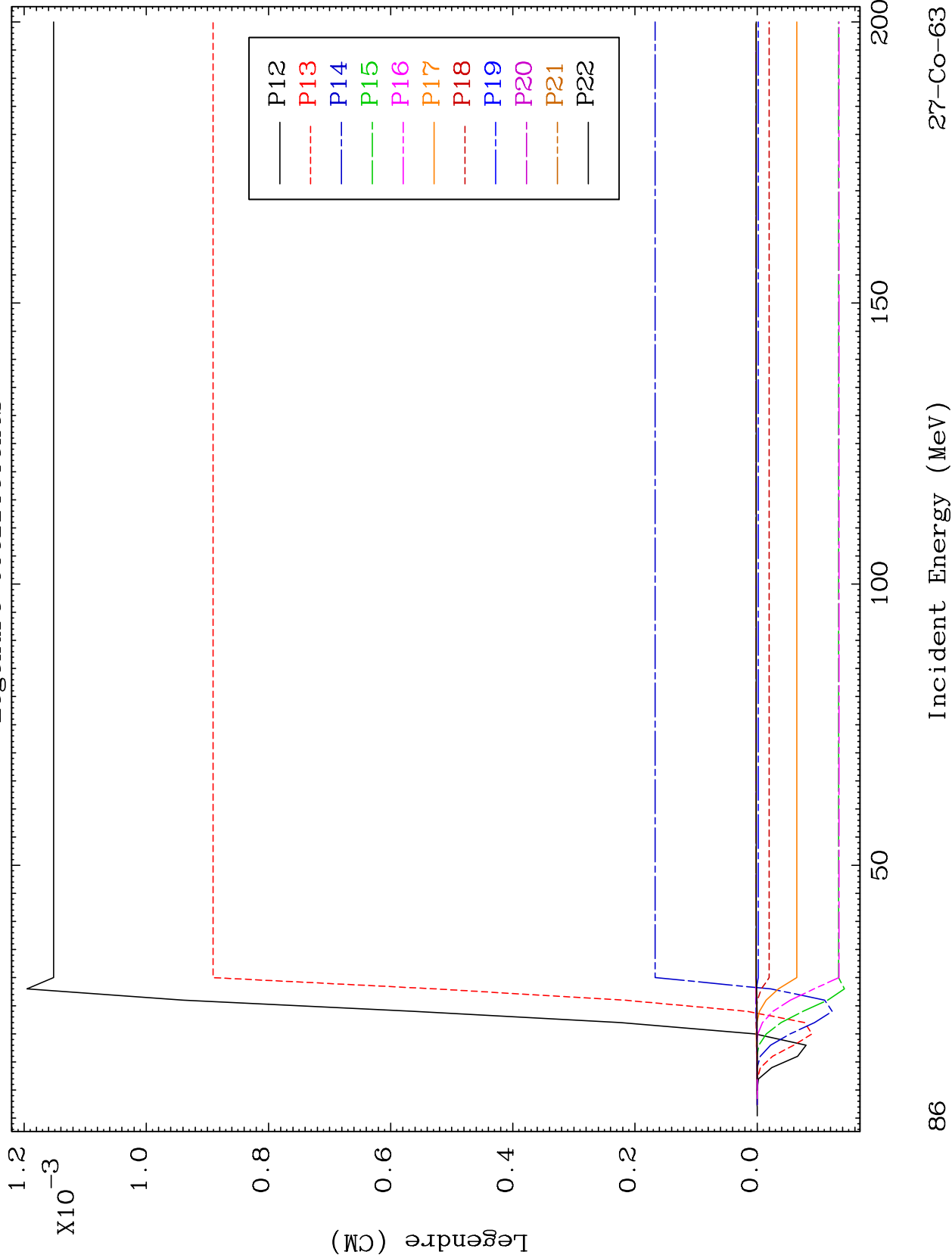
27-Co-63



85

Incident Energy (MeV)

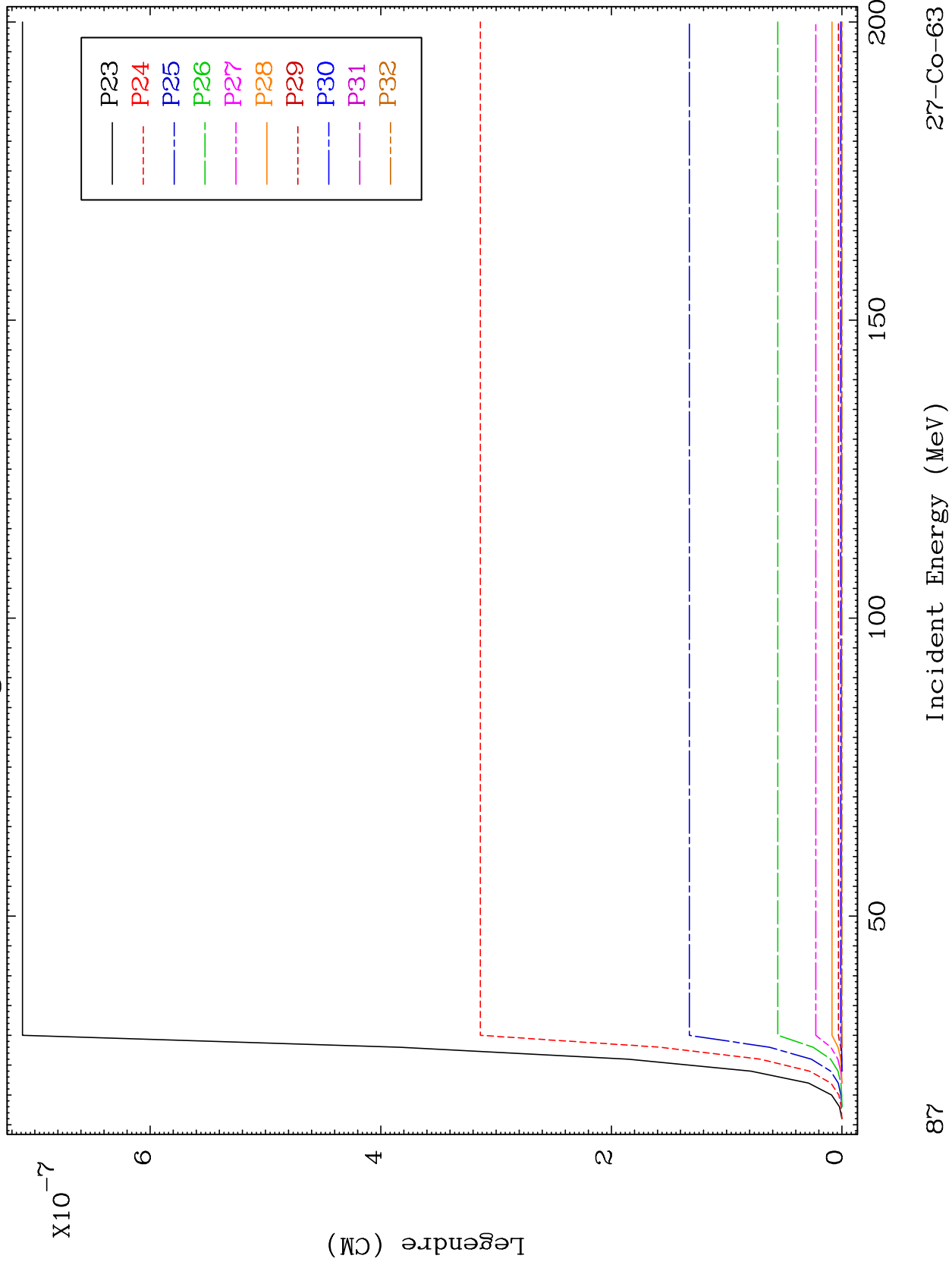
27-Co-63

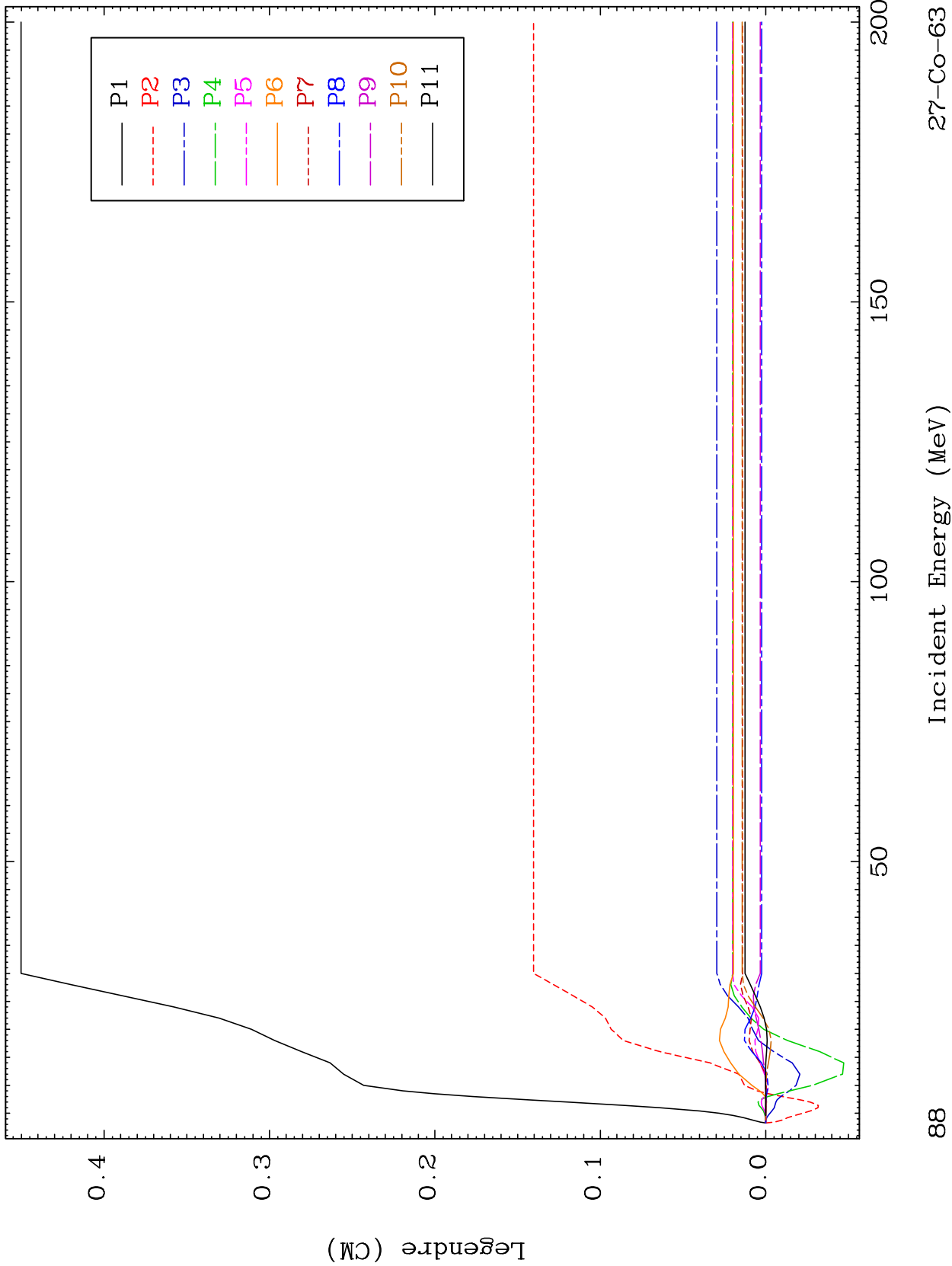


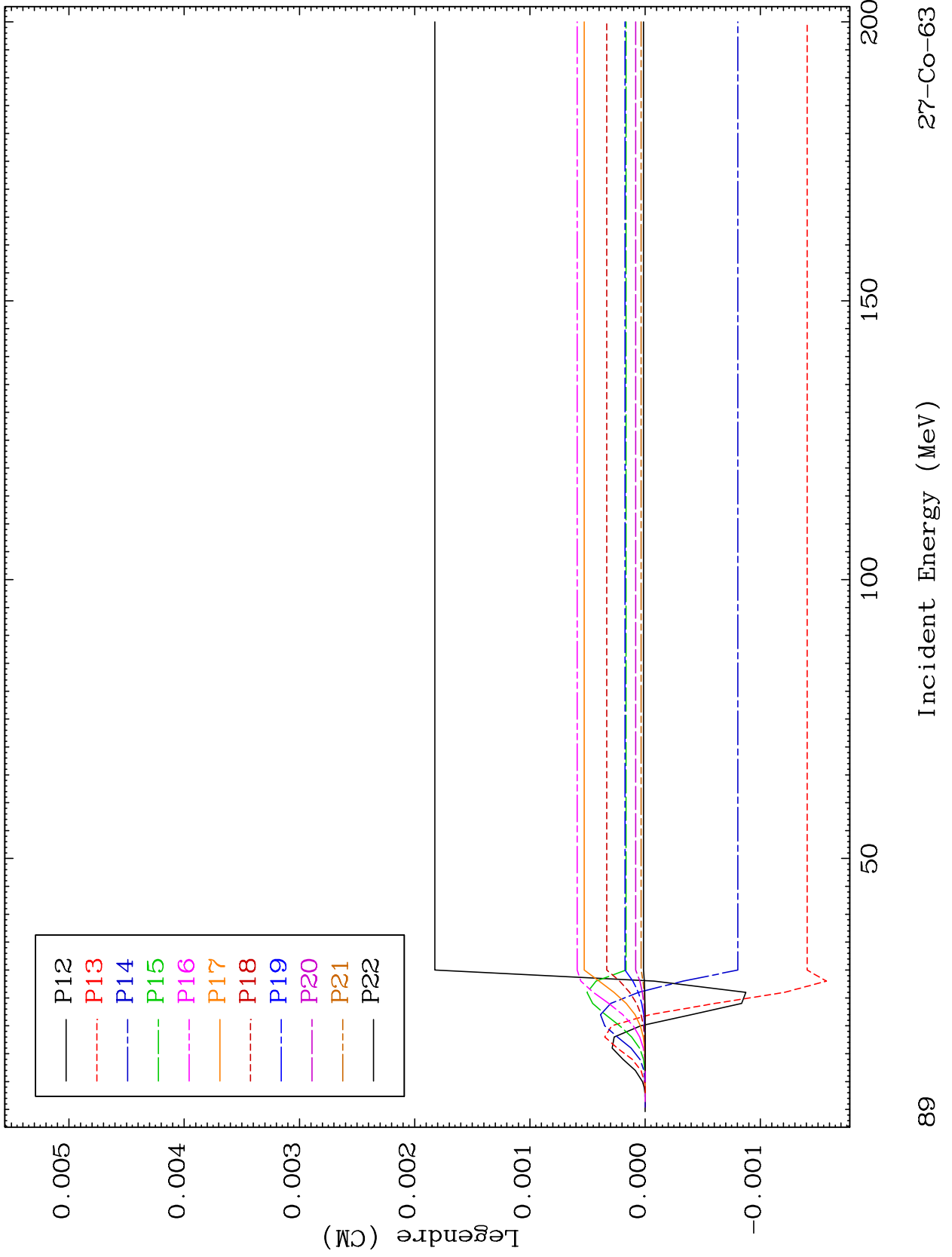
MAT 2737

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

27-Co-63



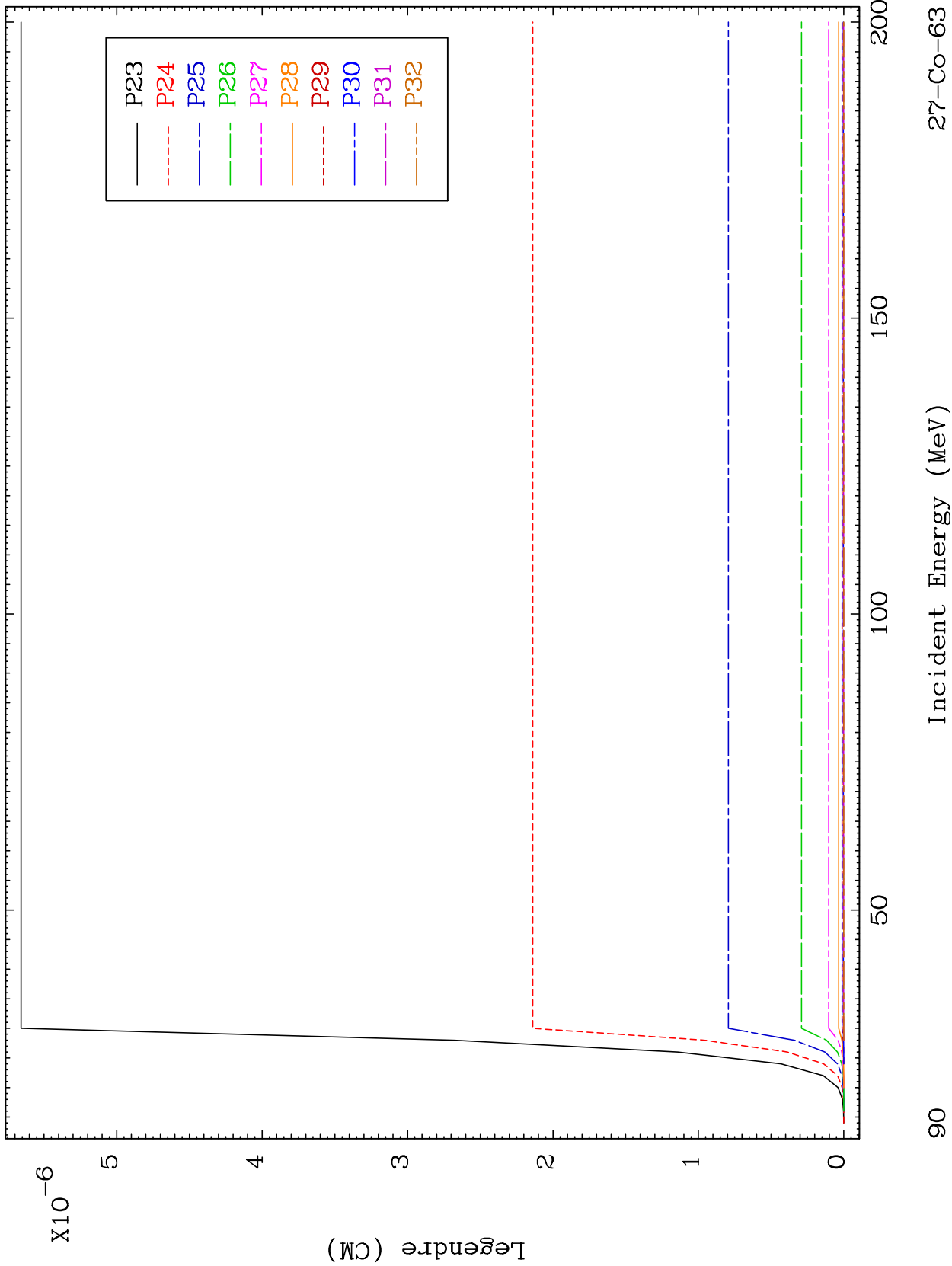


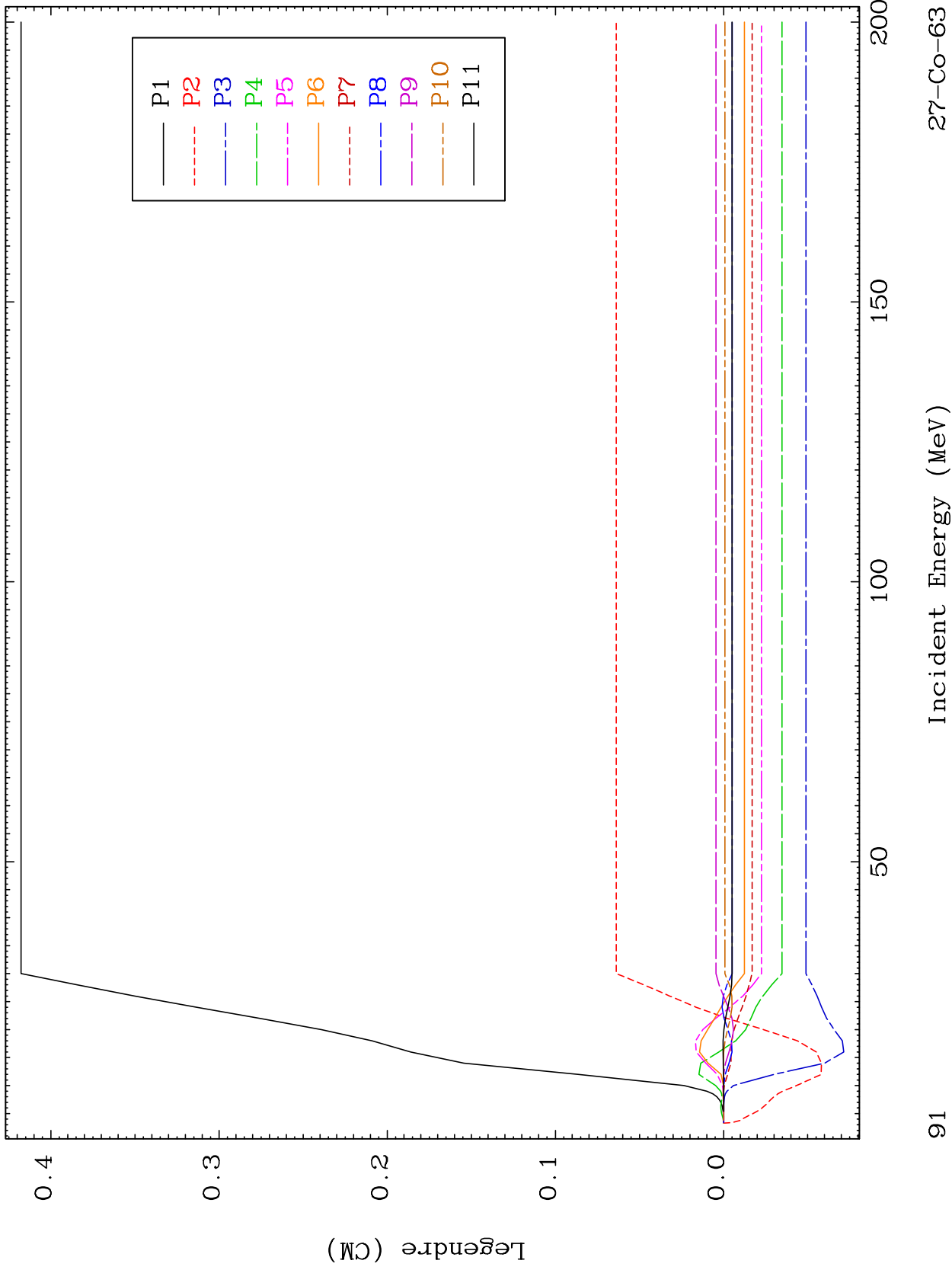


MAT 2737

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

27-Co-63

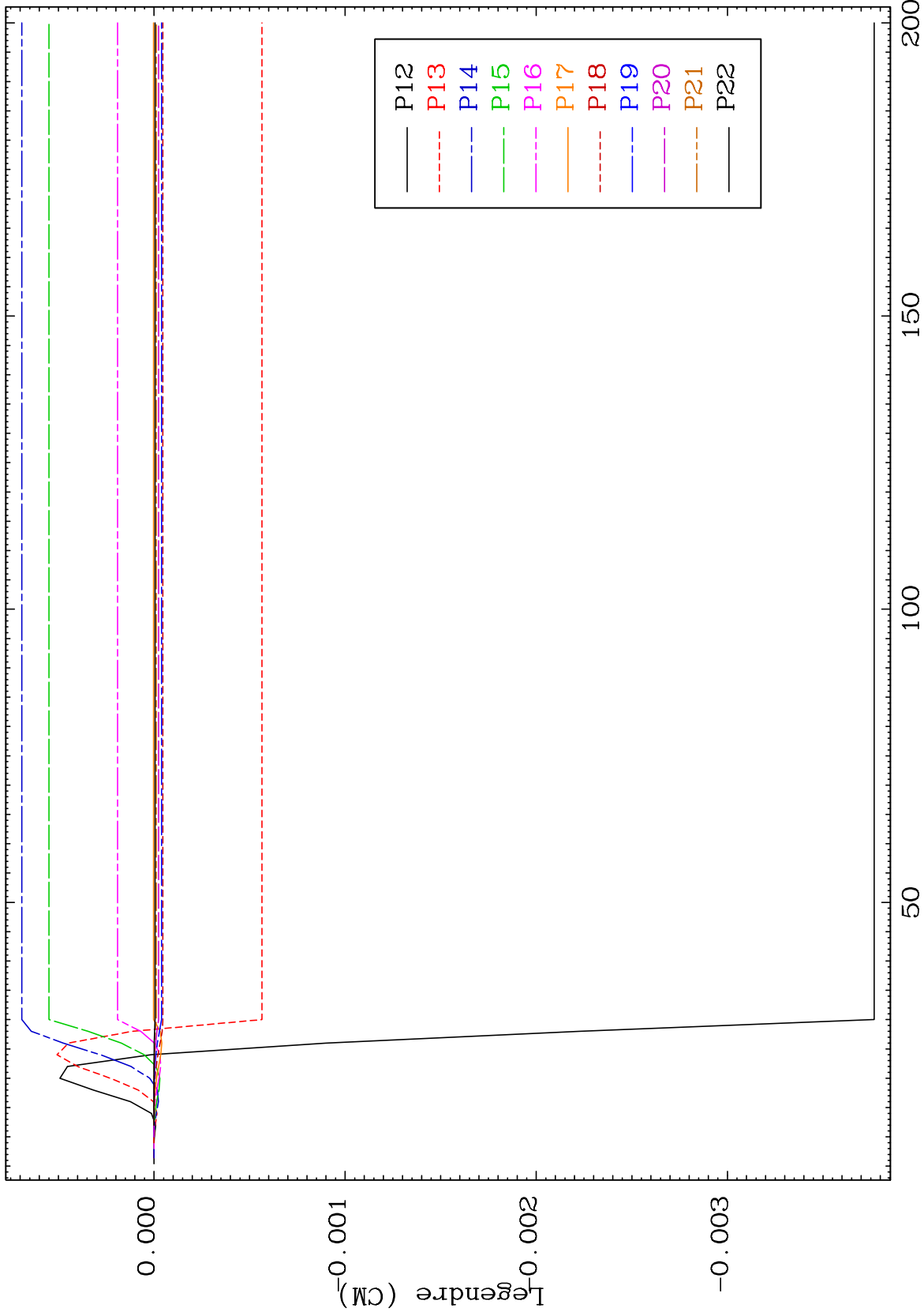




MAT 2737

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

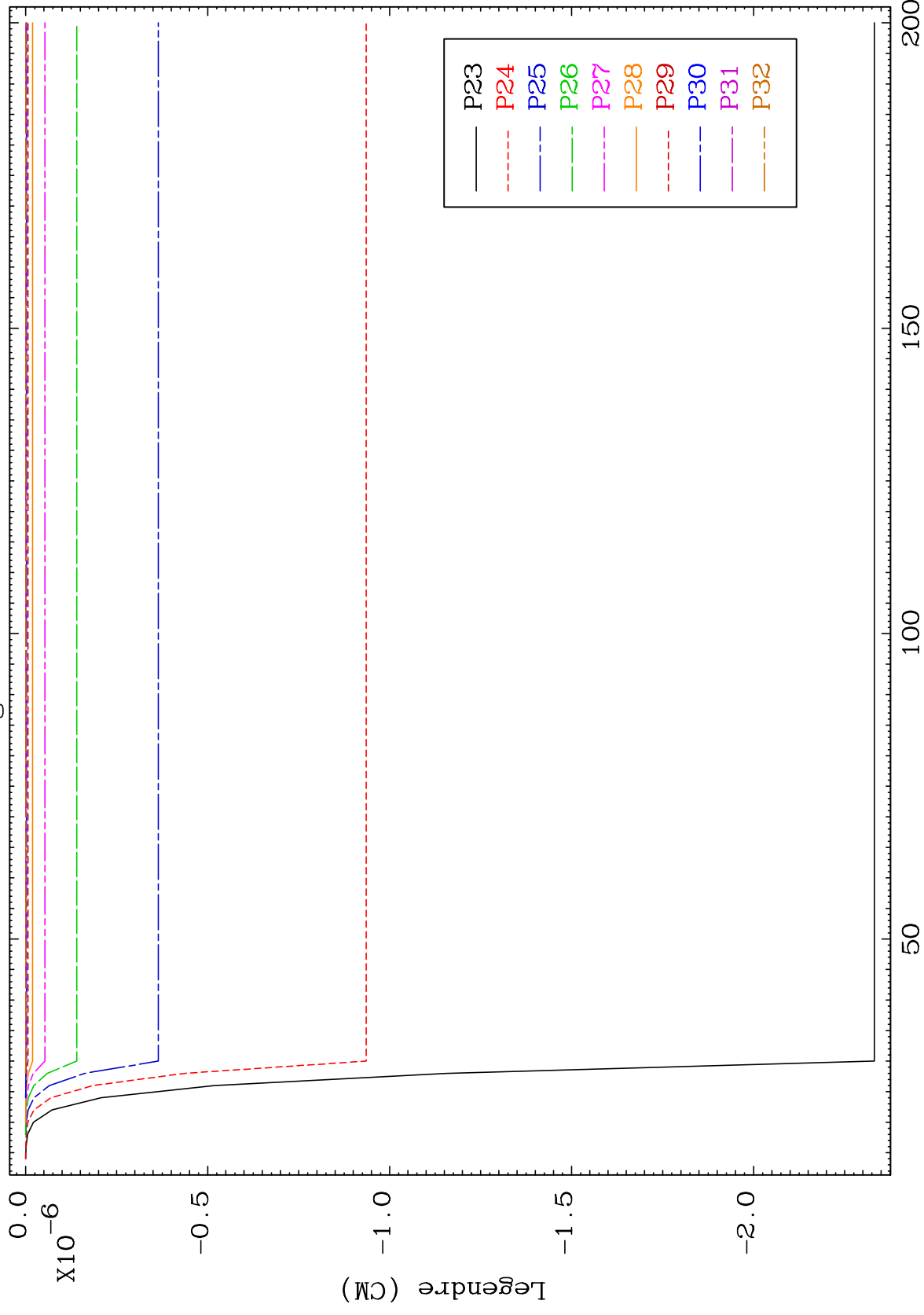
27-Co-63



MAT 2737

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

27-Co-63



93

Incident Energy (MeV)

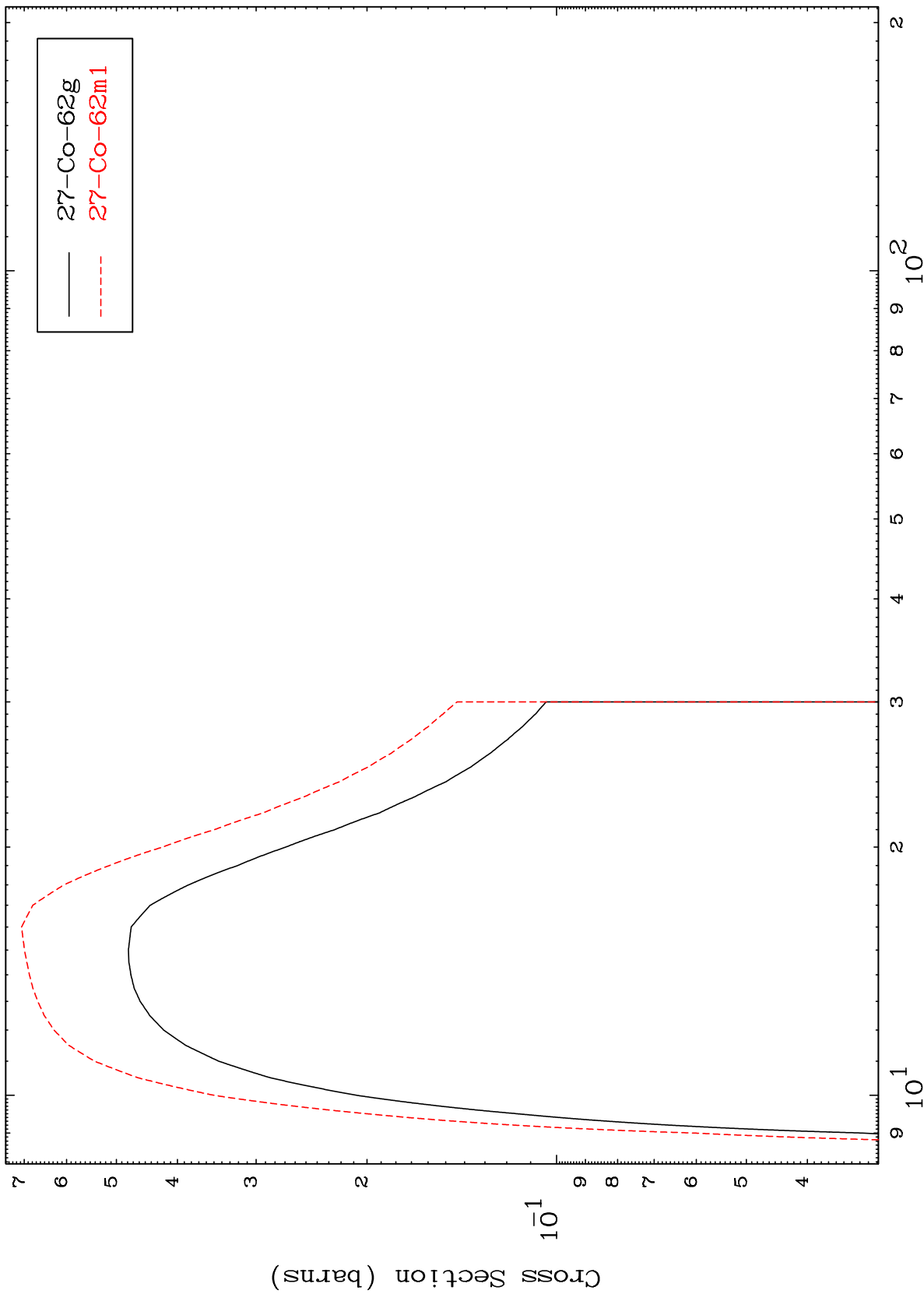
27-Co-63

MAT 2737

²⁷Co-63

(n,2n)

Radionuclide Production Cross Section

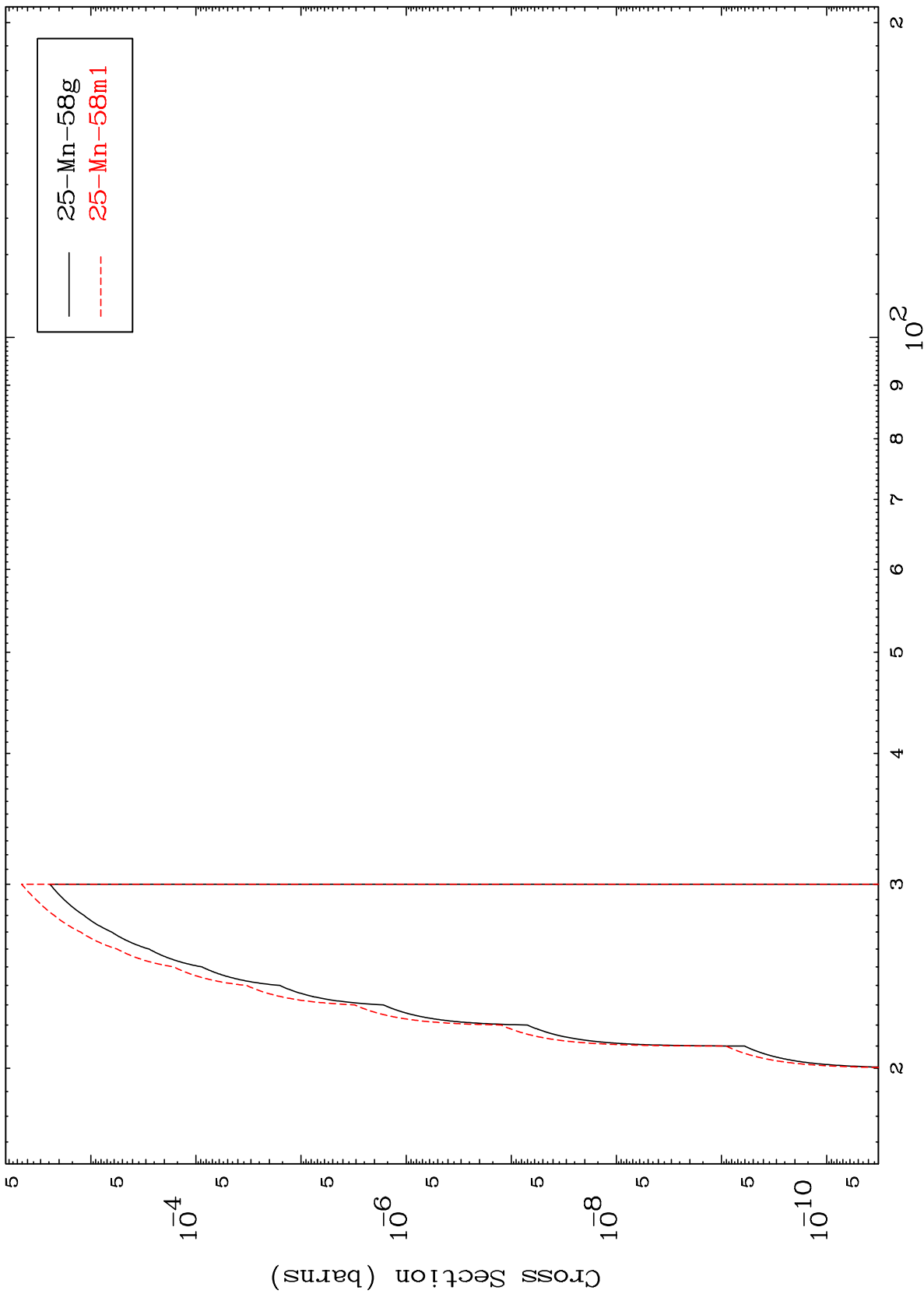


94

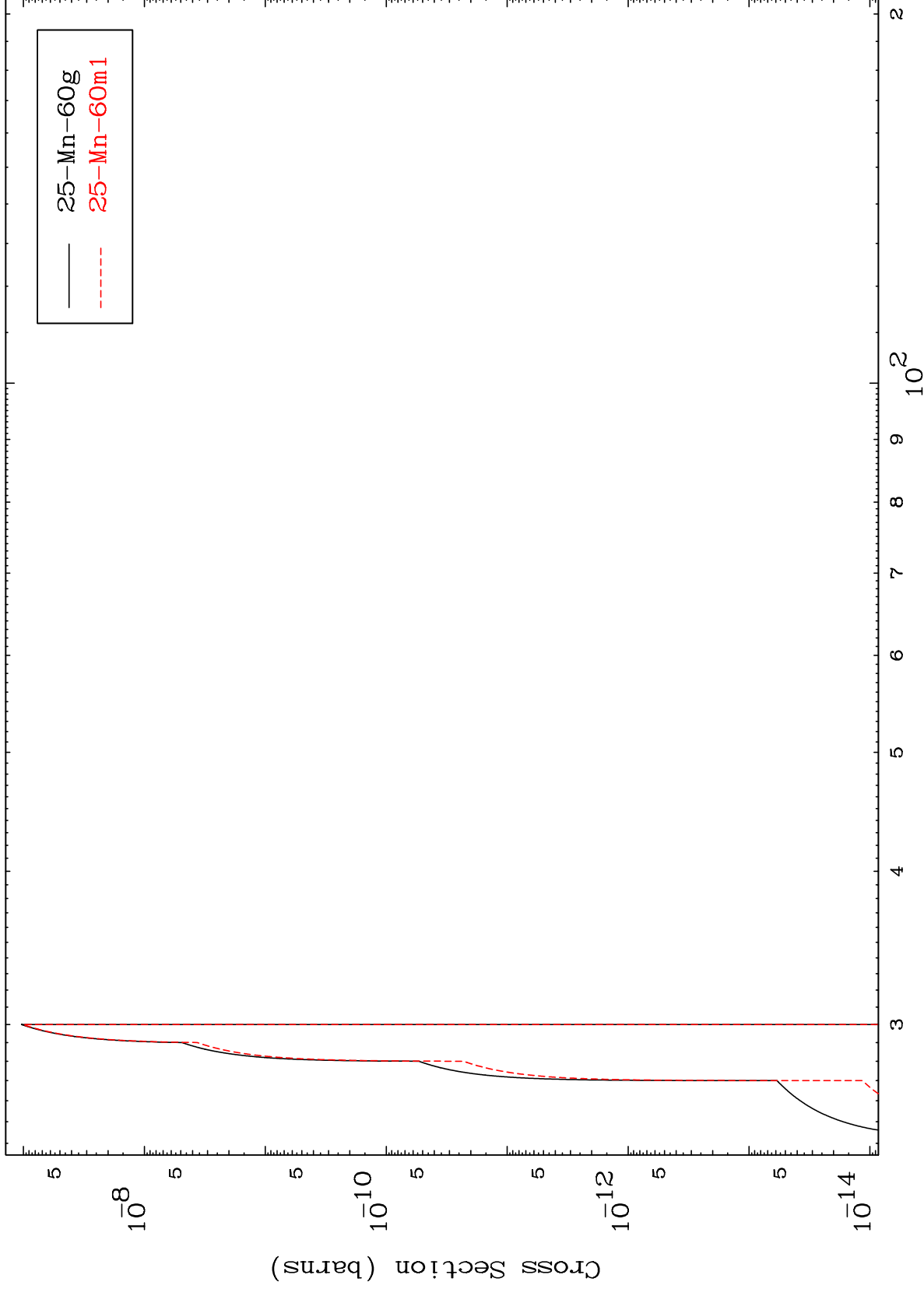
Incident Energy (MeV)

²⁷Co-63

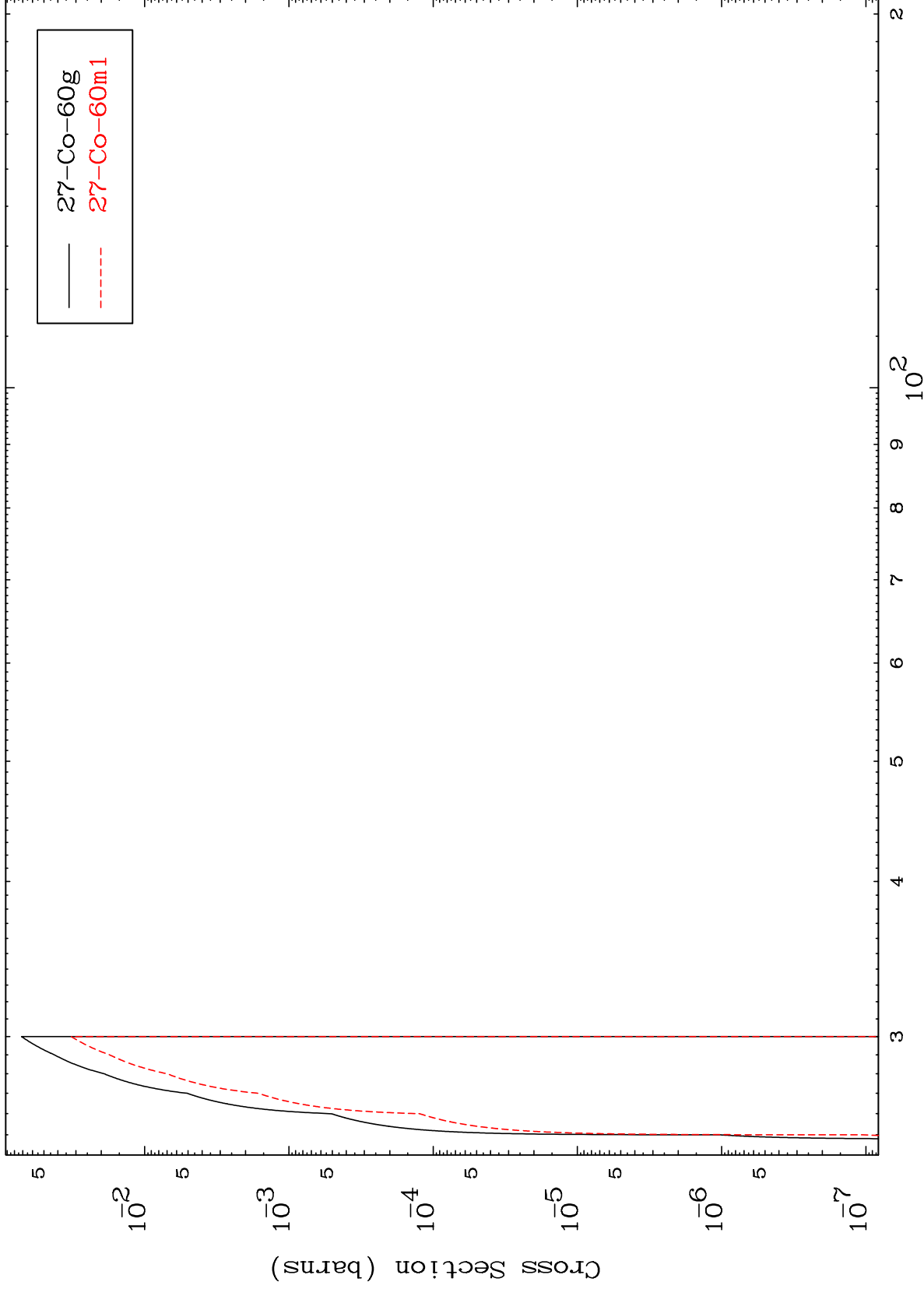
Radionuclide Production Cross Section



Radionuclide Production Cross Section



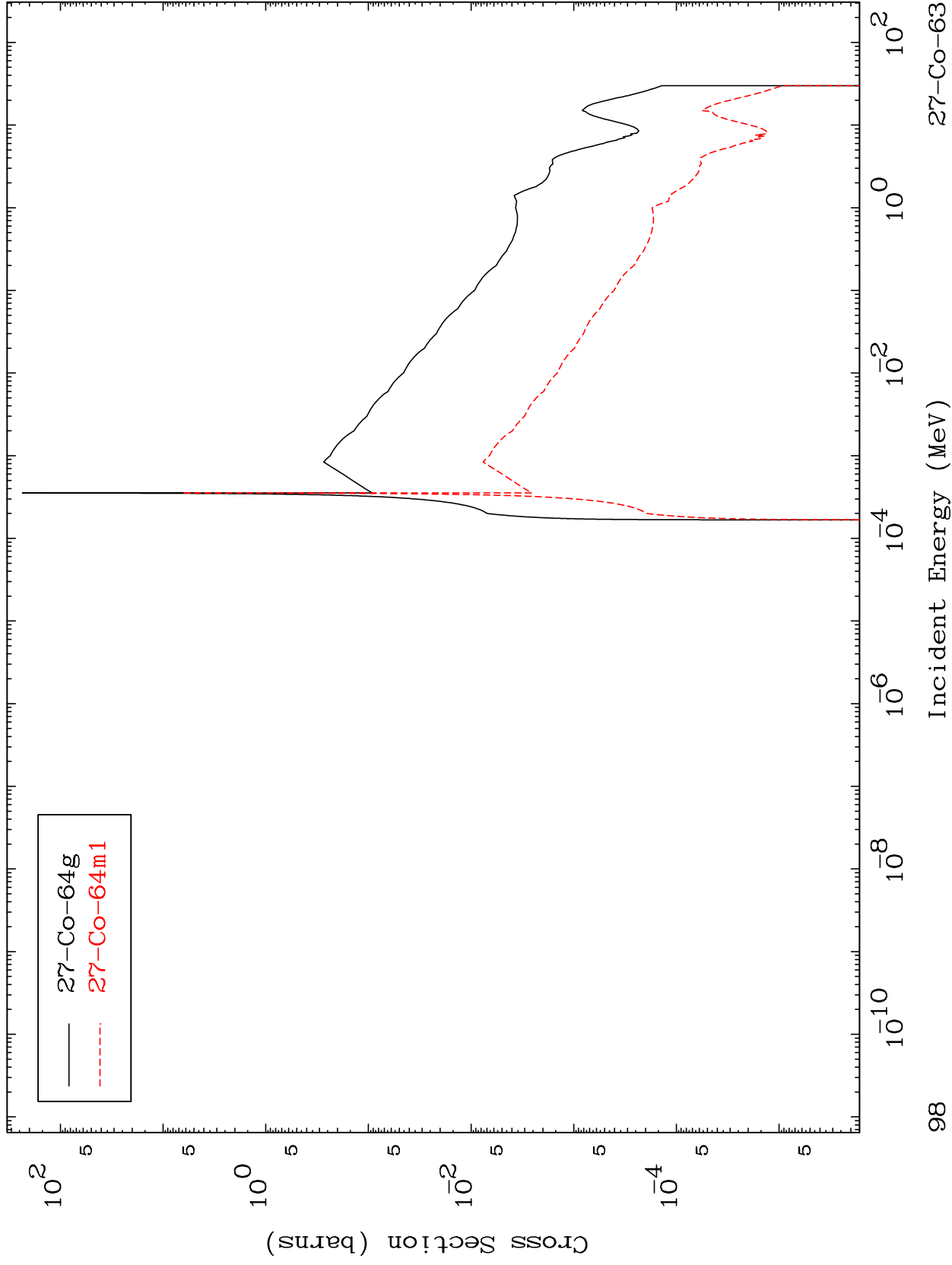
(n,4n)
Radionuclide Production Cross Section



MAT 2737

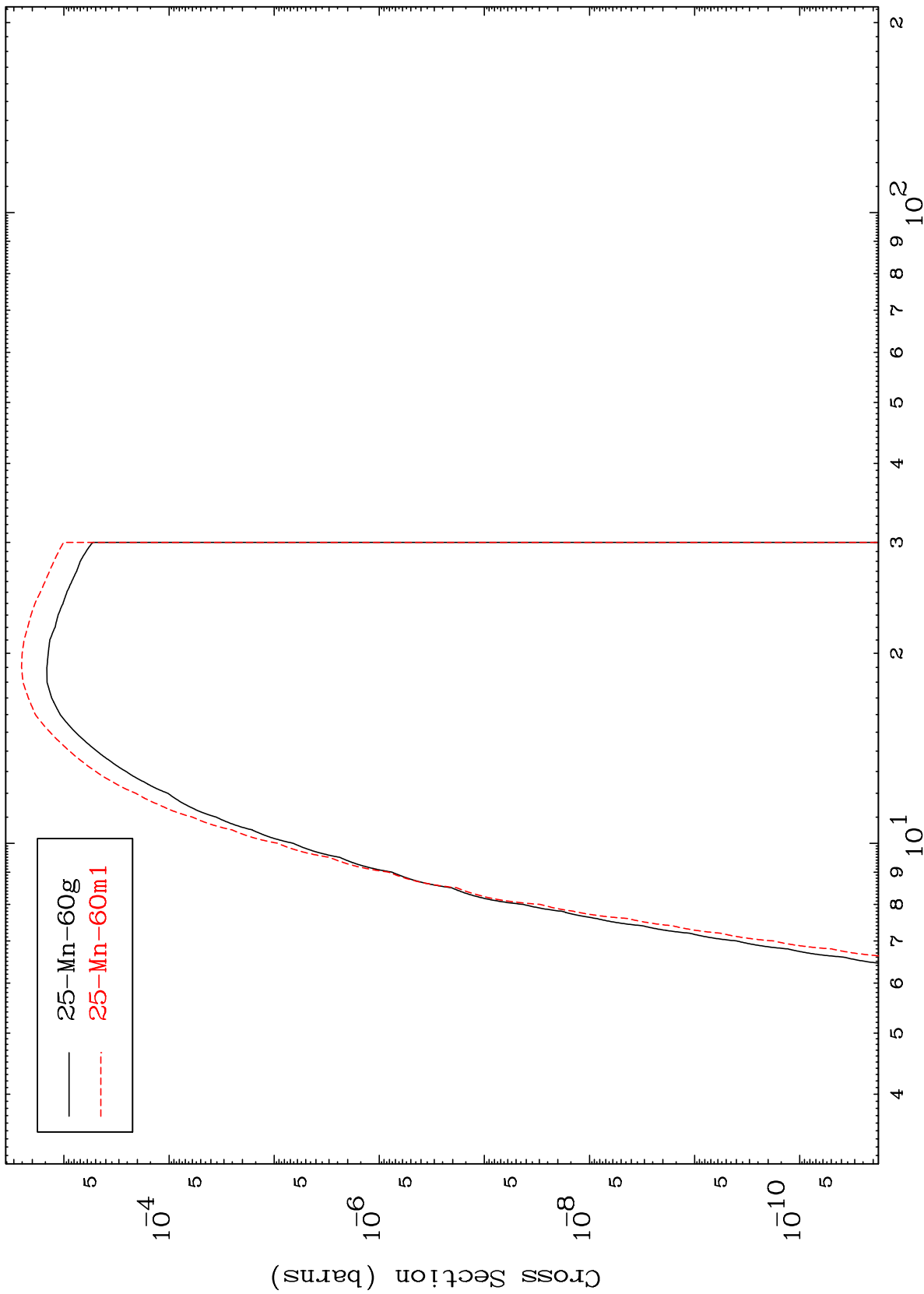
²⁷Co-63

Radionuclide Production Cross Section



98

Radionuclide Production Cross Section (n,α)

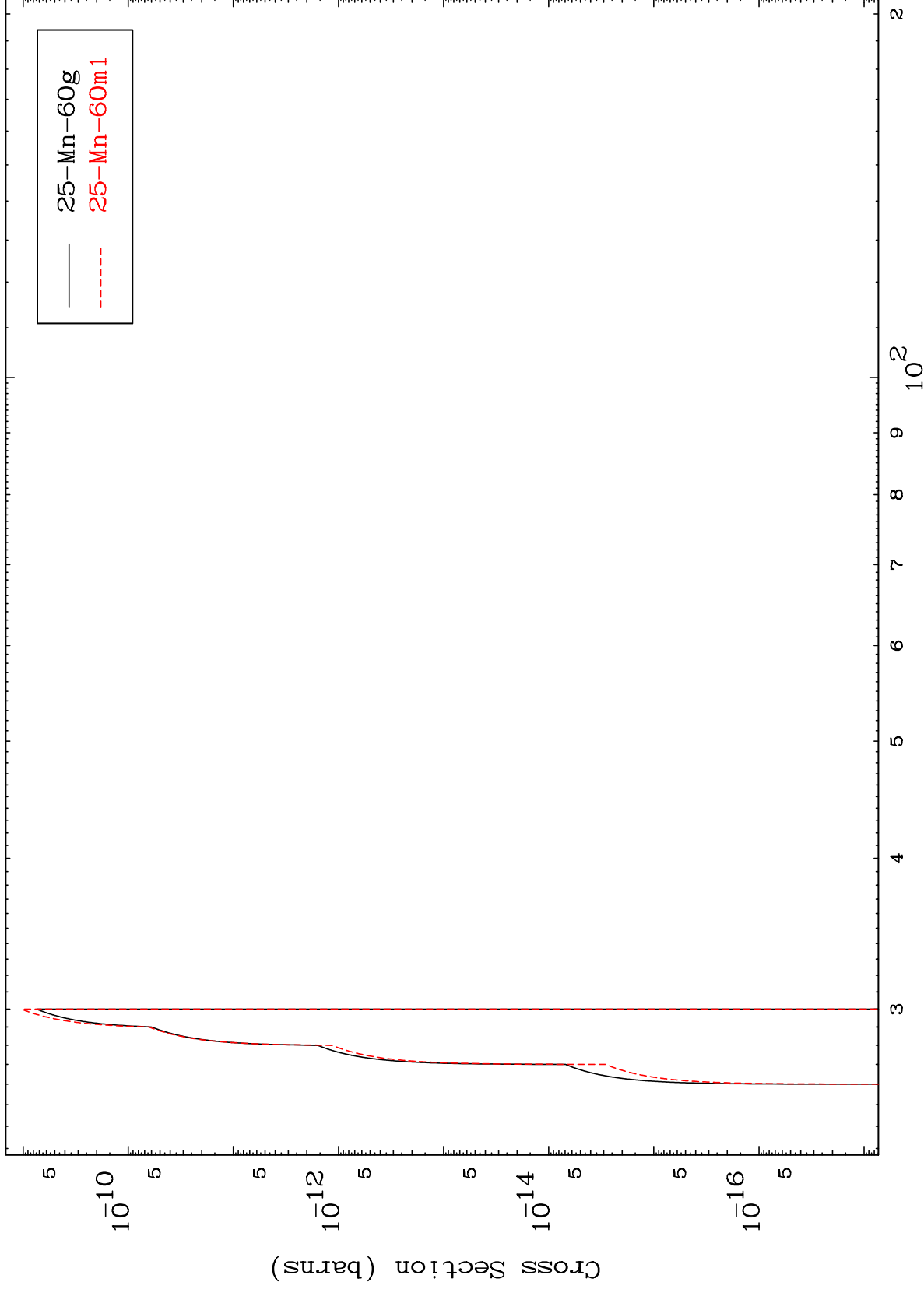


MAT 2737

(n,p) t

27-Co-63

Radionuclide Production Cross Section



100

Incident Energy (MeV)

27-Co-63