

Program EVALPLOT
(Version 2021-1)

by

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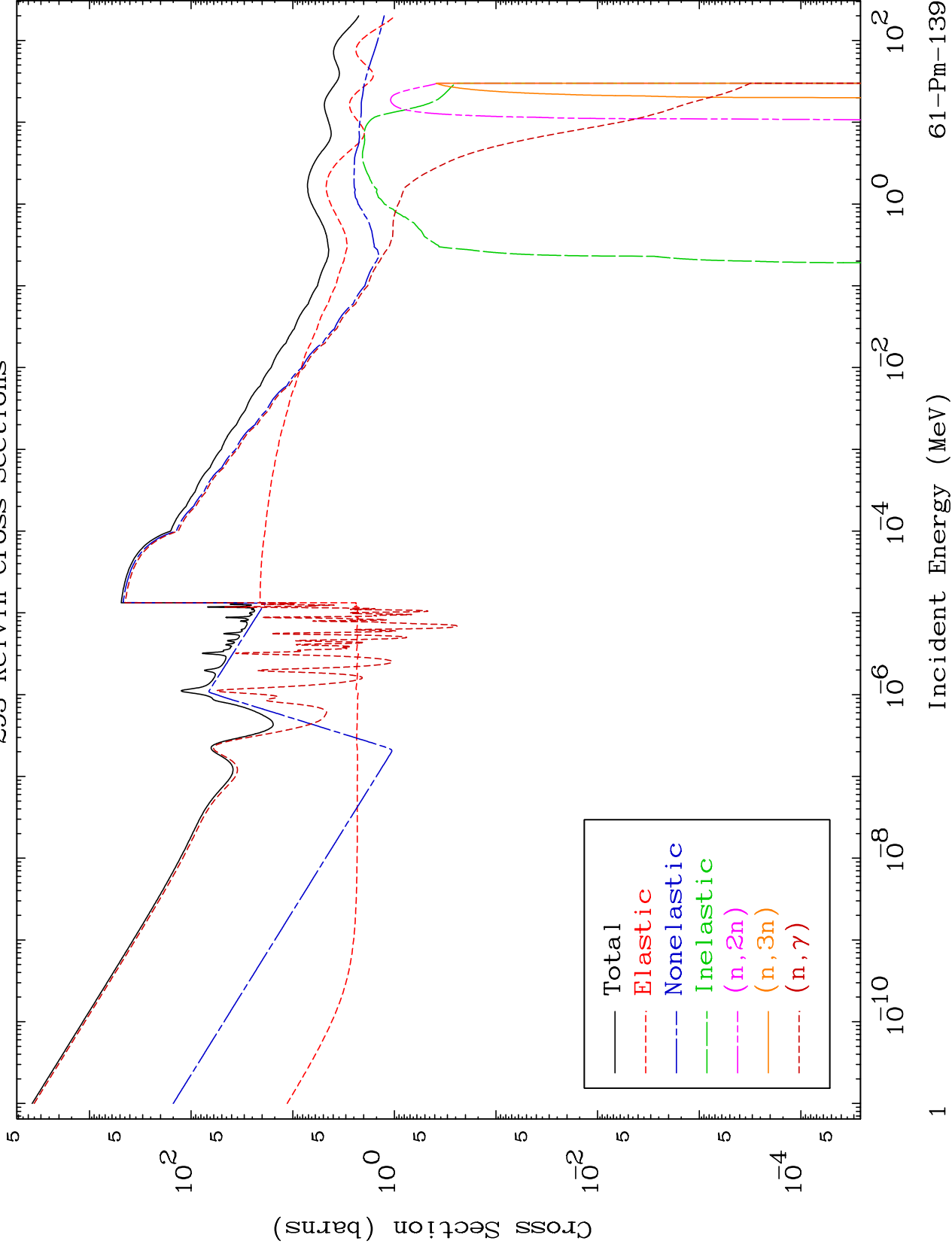
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Press Mouse Button to Start

MAT 6125

Neutron Major
293 Kelvin Cross Sections

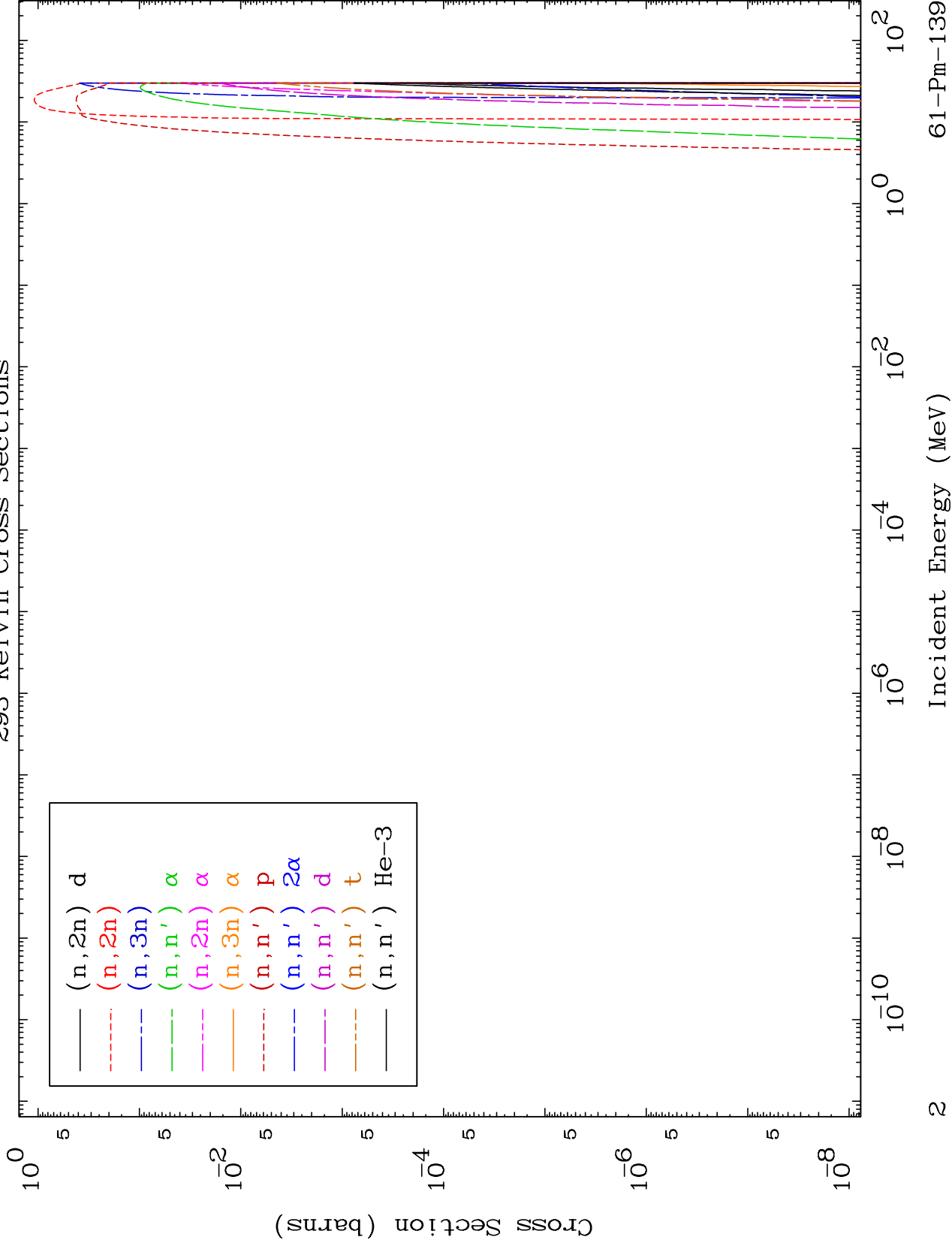
61-Pm-139

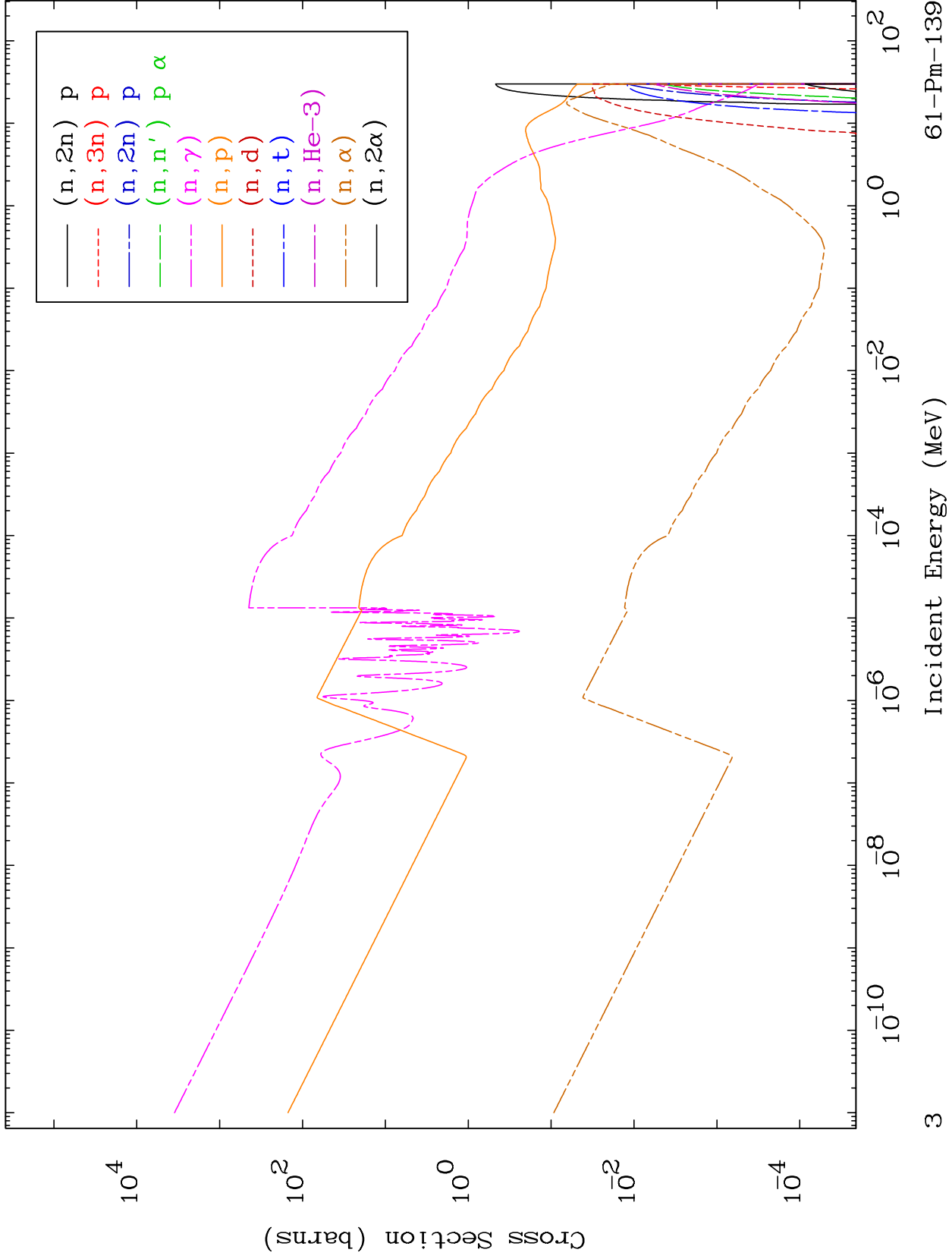


MAT 6125

Neutron Absorption
293 Kelvin Cross Sections

61-Pm-139

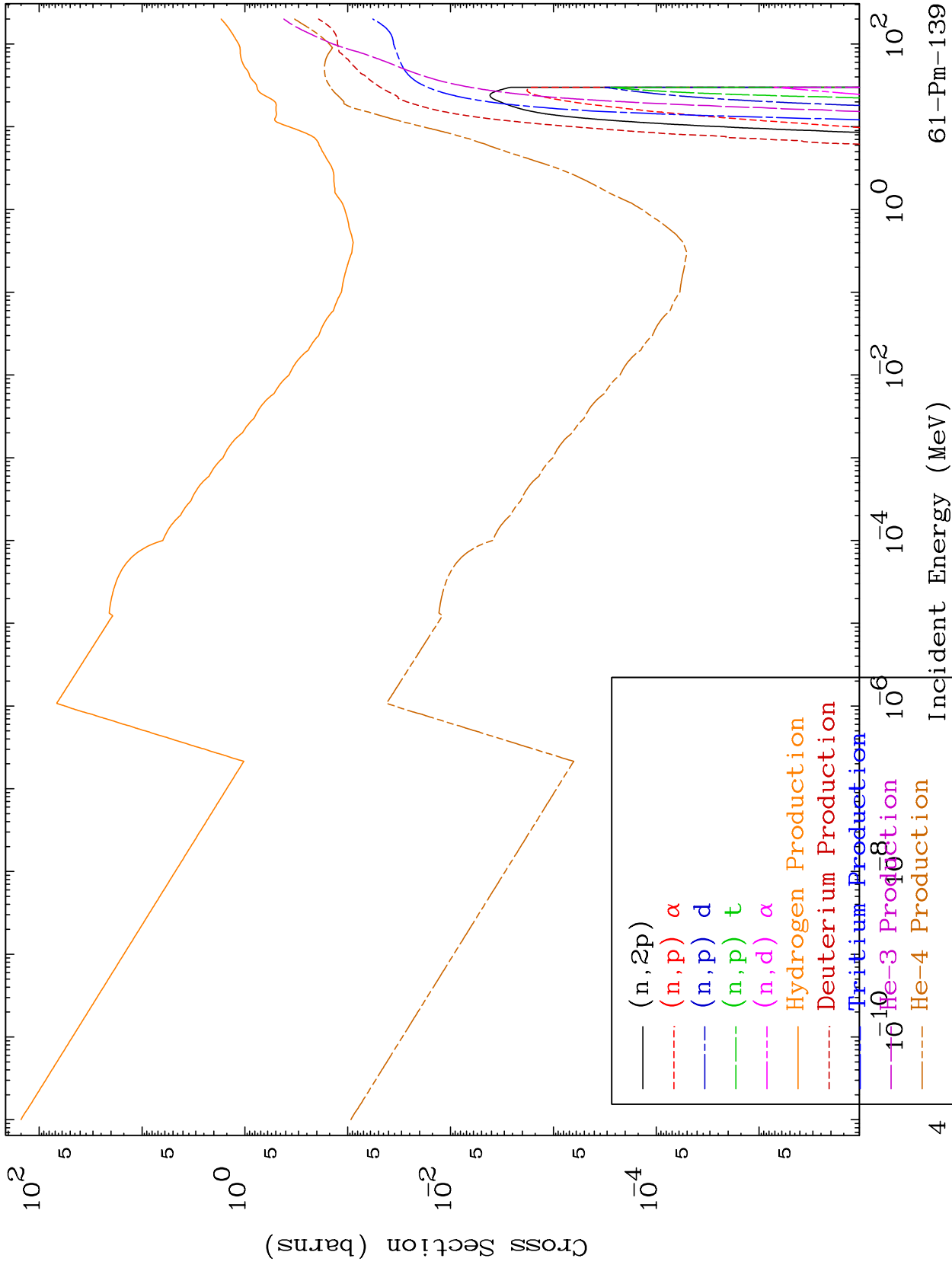




MAT 6125

Neutron Absorption
293 Kelvin Cross Sections

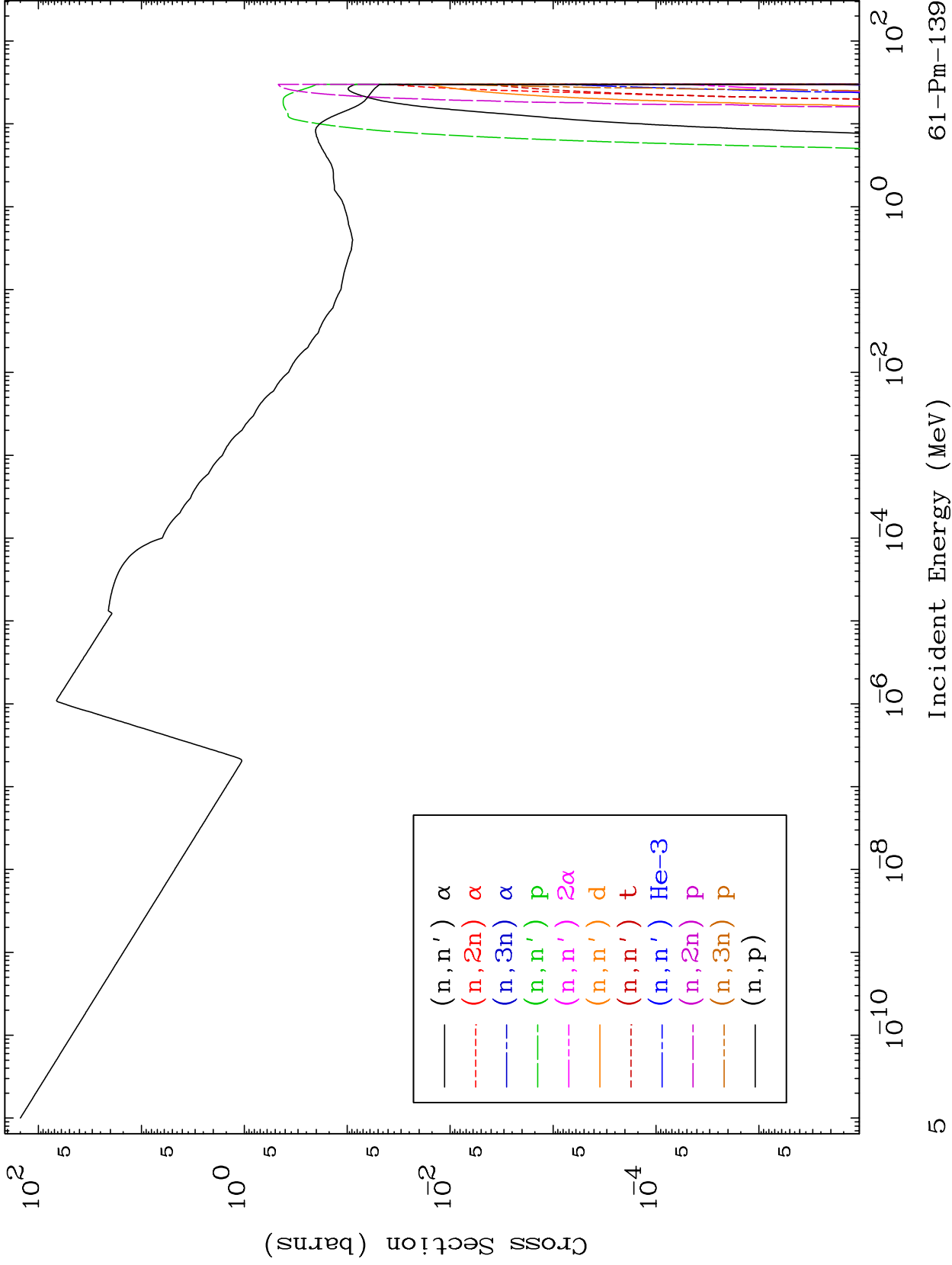
61-Pm-139



MAT 6125

Charged Particle
293 Kelvin Cross Sections

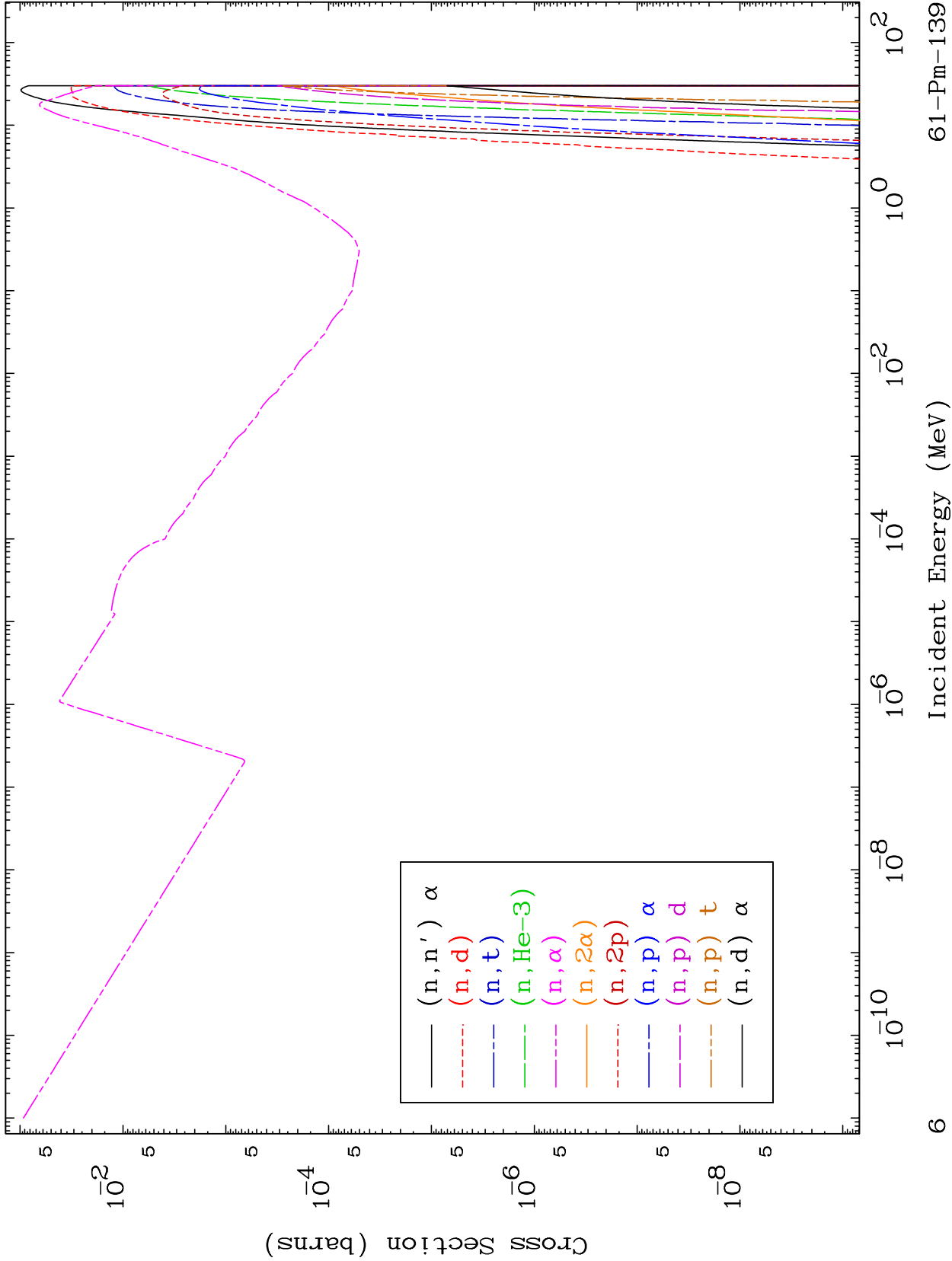
61-Pm-139



MAT 6125

Charged Particle
293 Kelvin Cross Sections

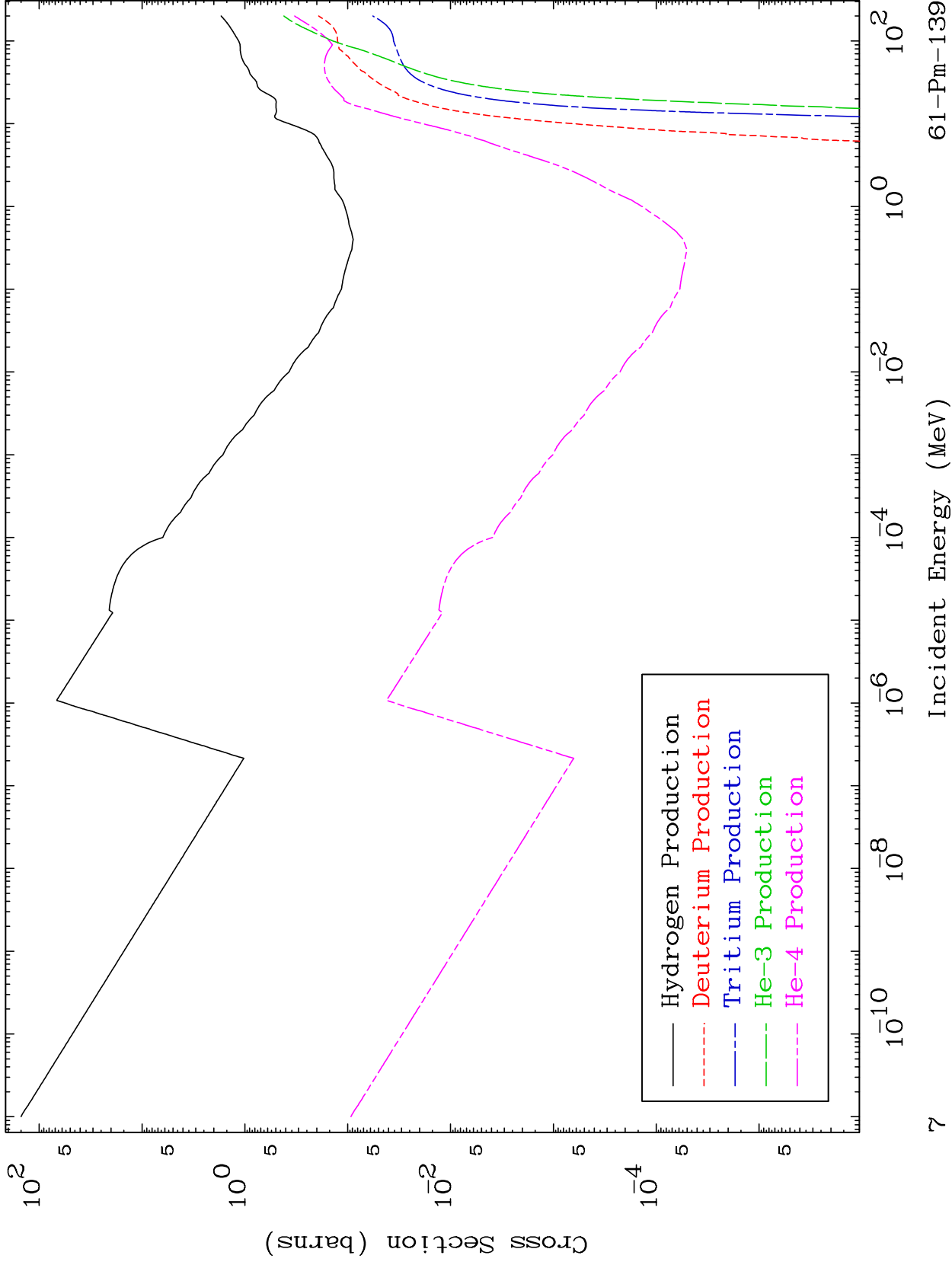
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MAT 6125

Particle Production
293 Kelvin Cross Sections

61-Pm-139

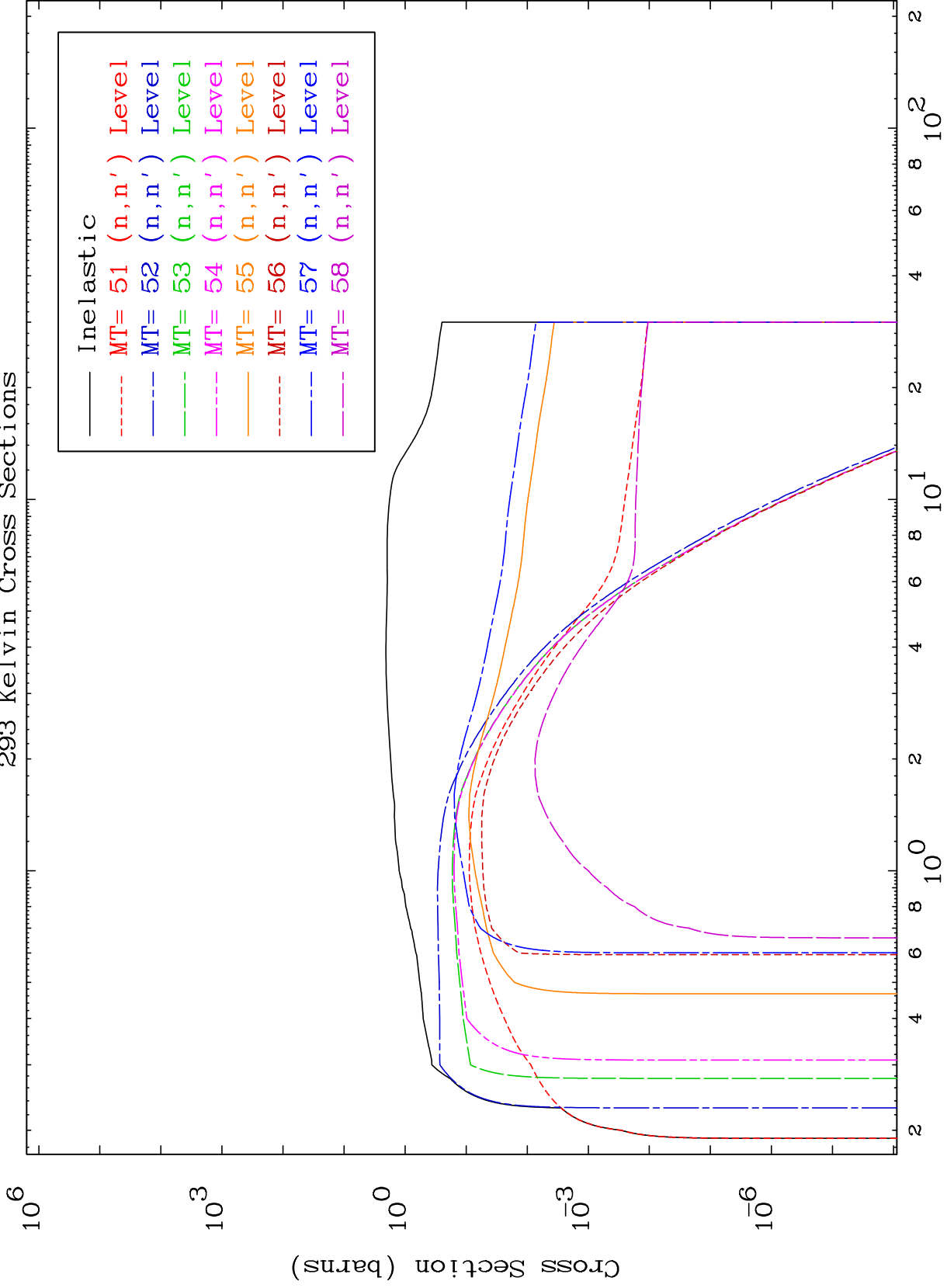


MAT 6125

(n,n') Levels

61-Pm-139

293 Kelvin Cross Sections



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Incident Energy (MeV)

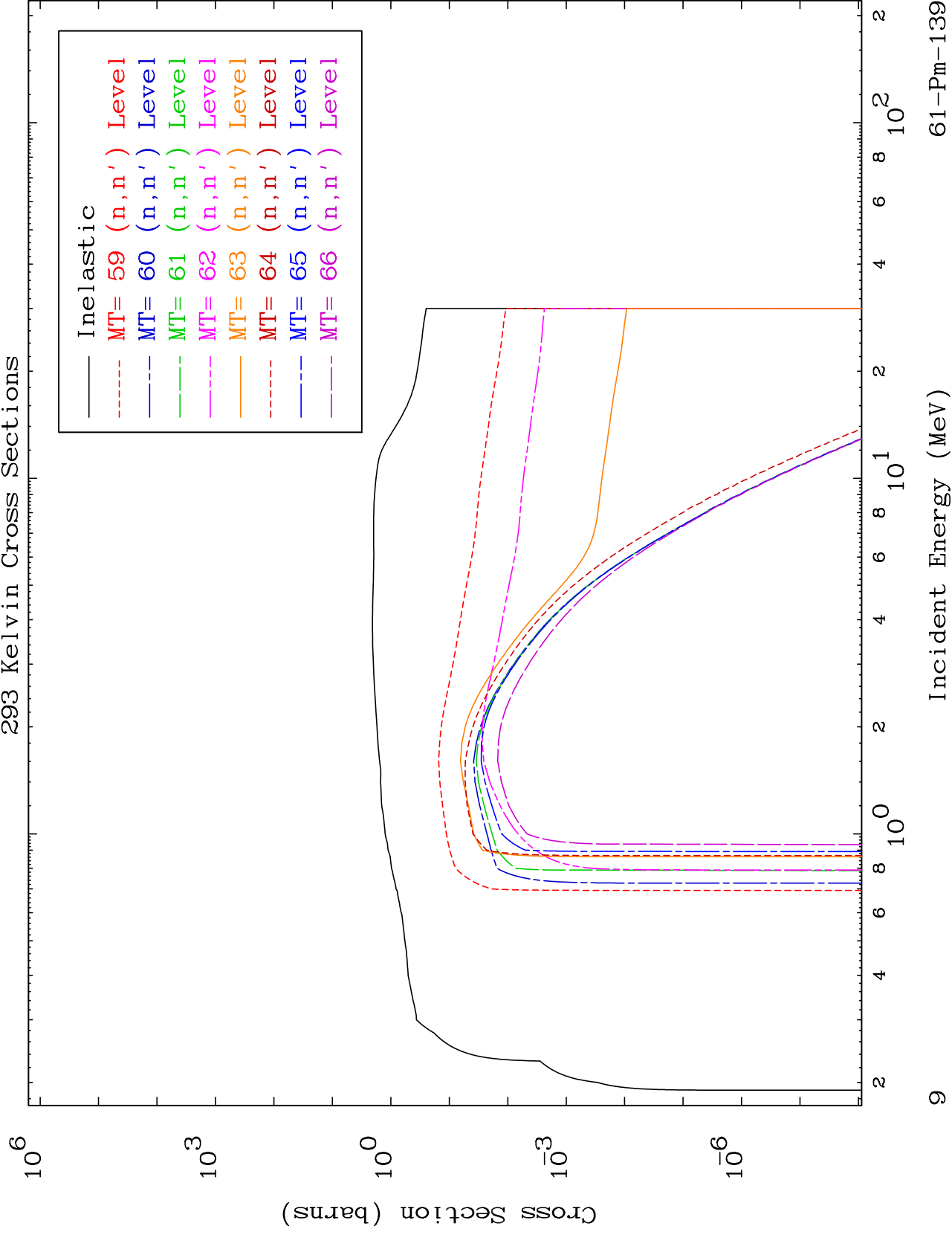
61-Pm-139

MAT 6125

(n,n') Levels

61-Pm-139

293 Kelvin Cross Sections

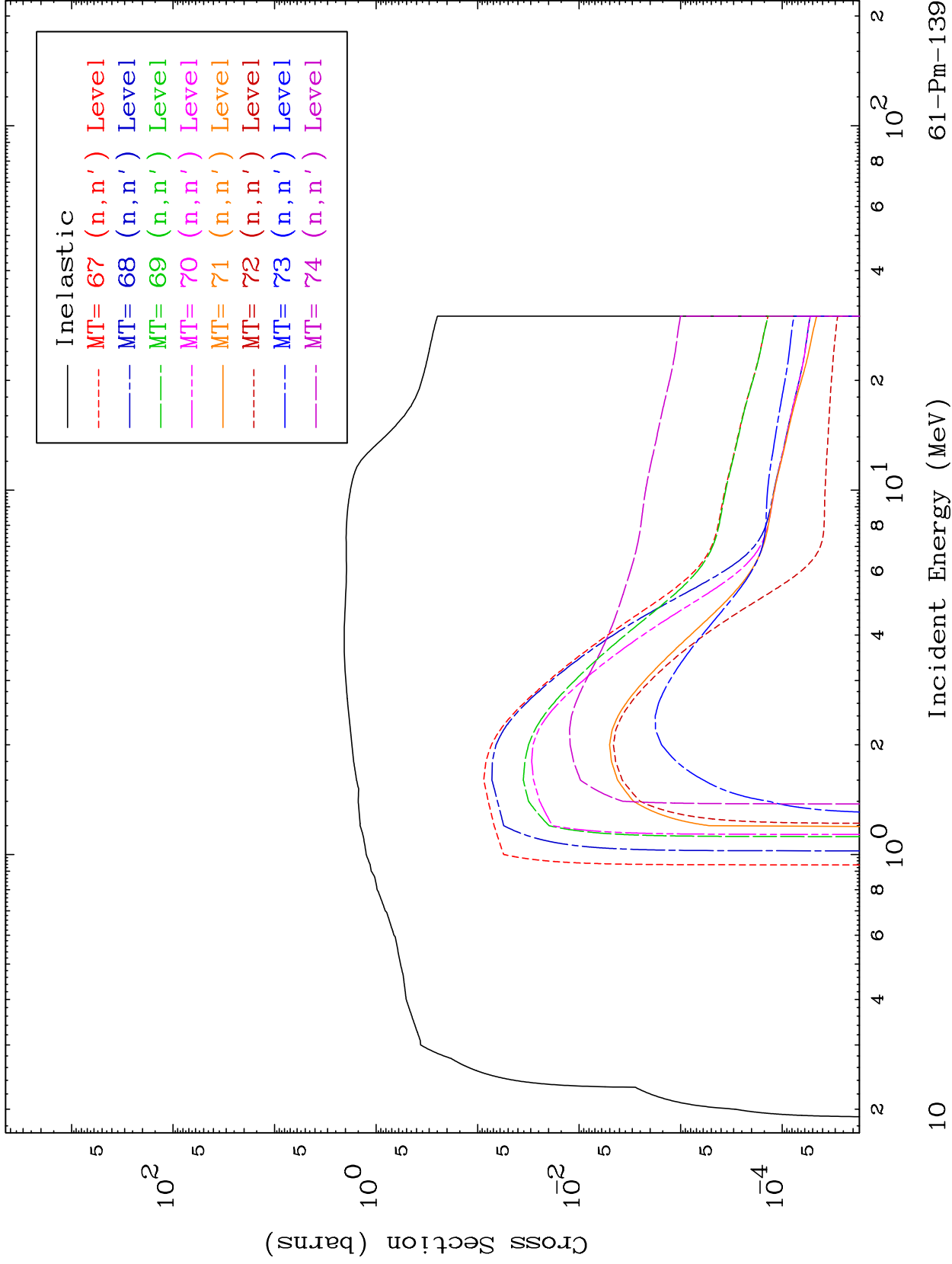


MAT 6125

(n,n') Levels

61-Pm-139

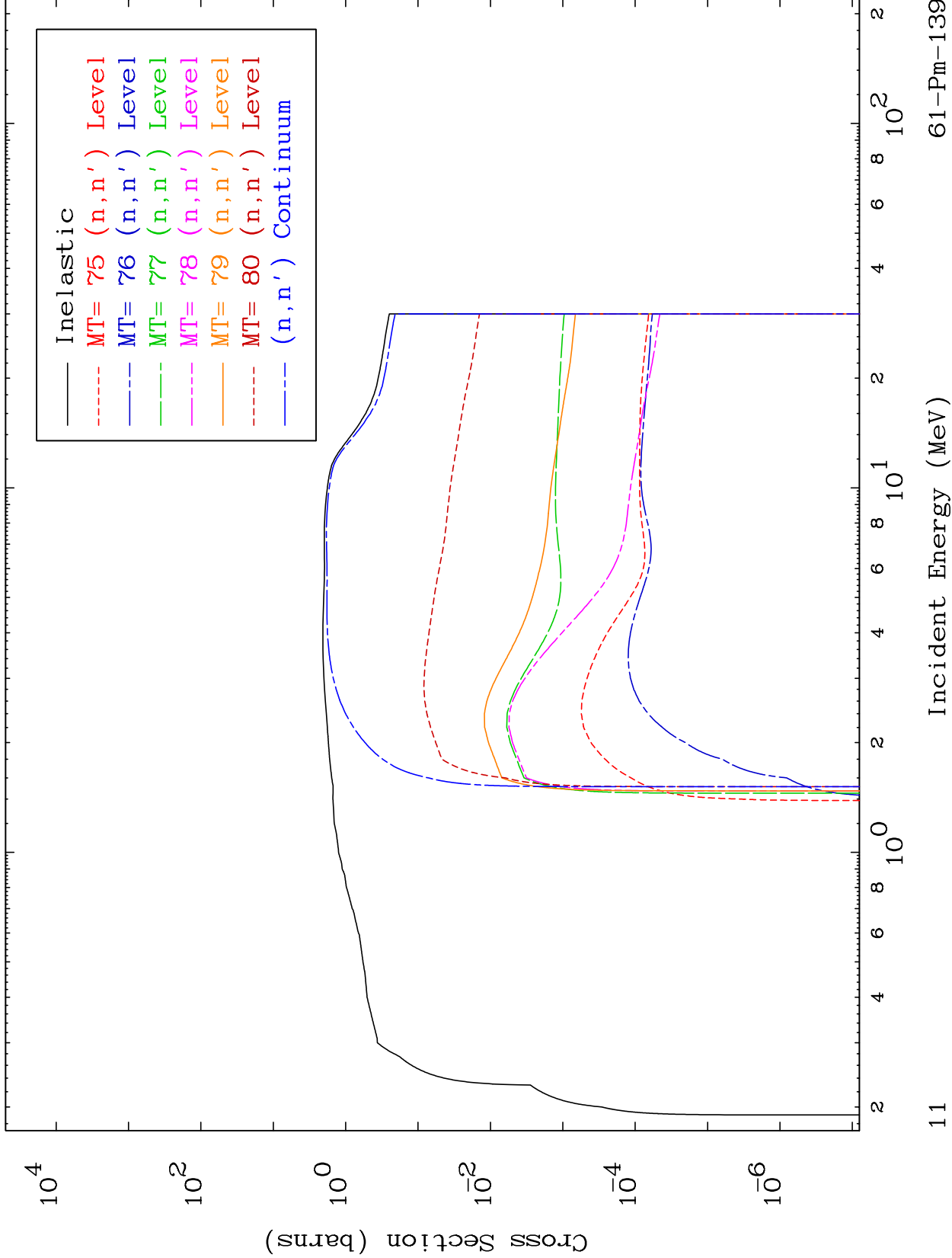
293 Kelvin Cross Sections



61-Pm-139

Incident Energy (MeV)

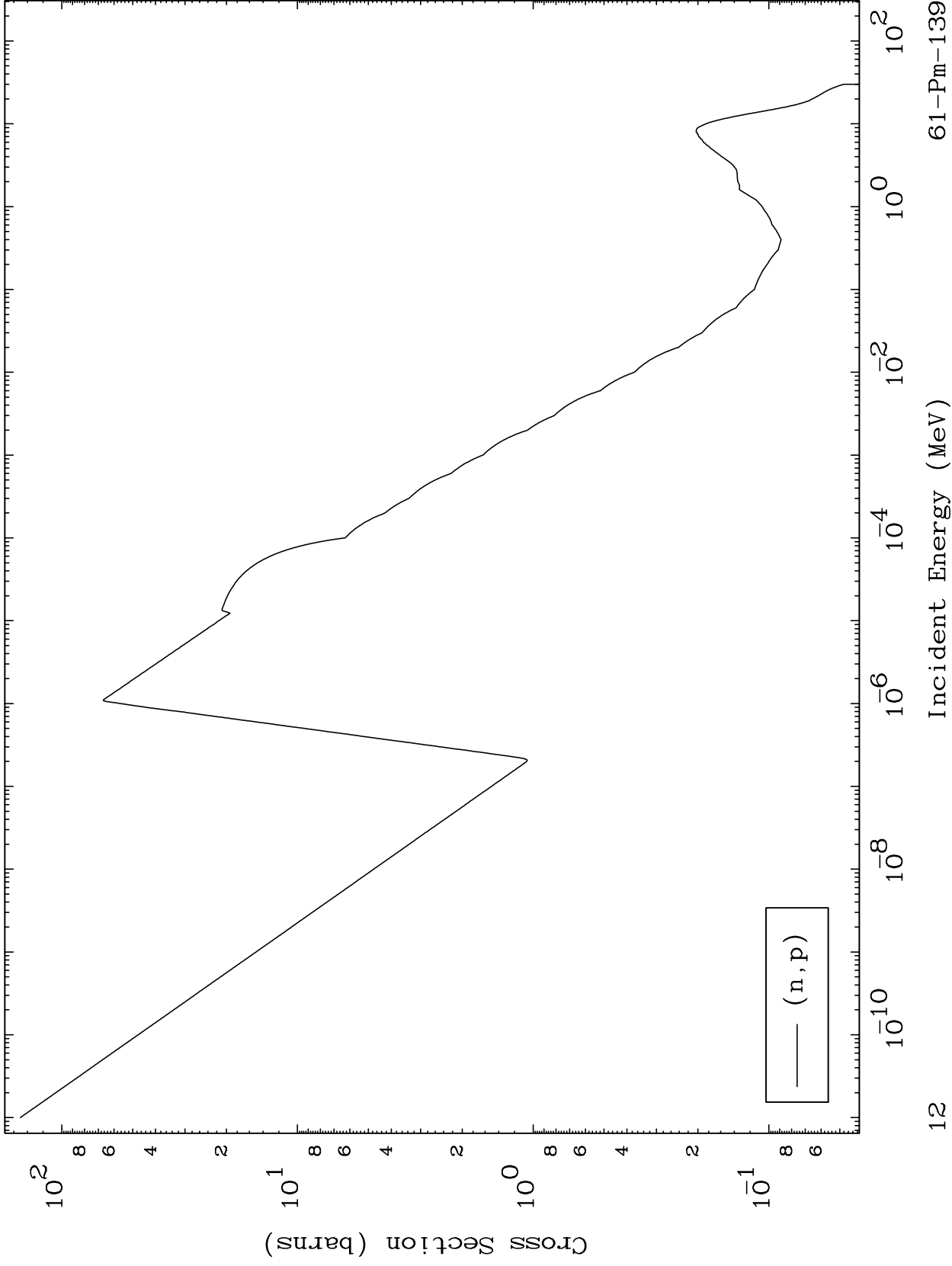
10



MAT 6125

(n,p) Levels
293 Kelvin Cross Sections

61-Pm-139



12

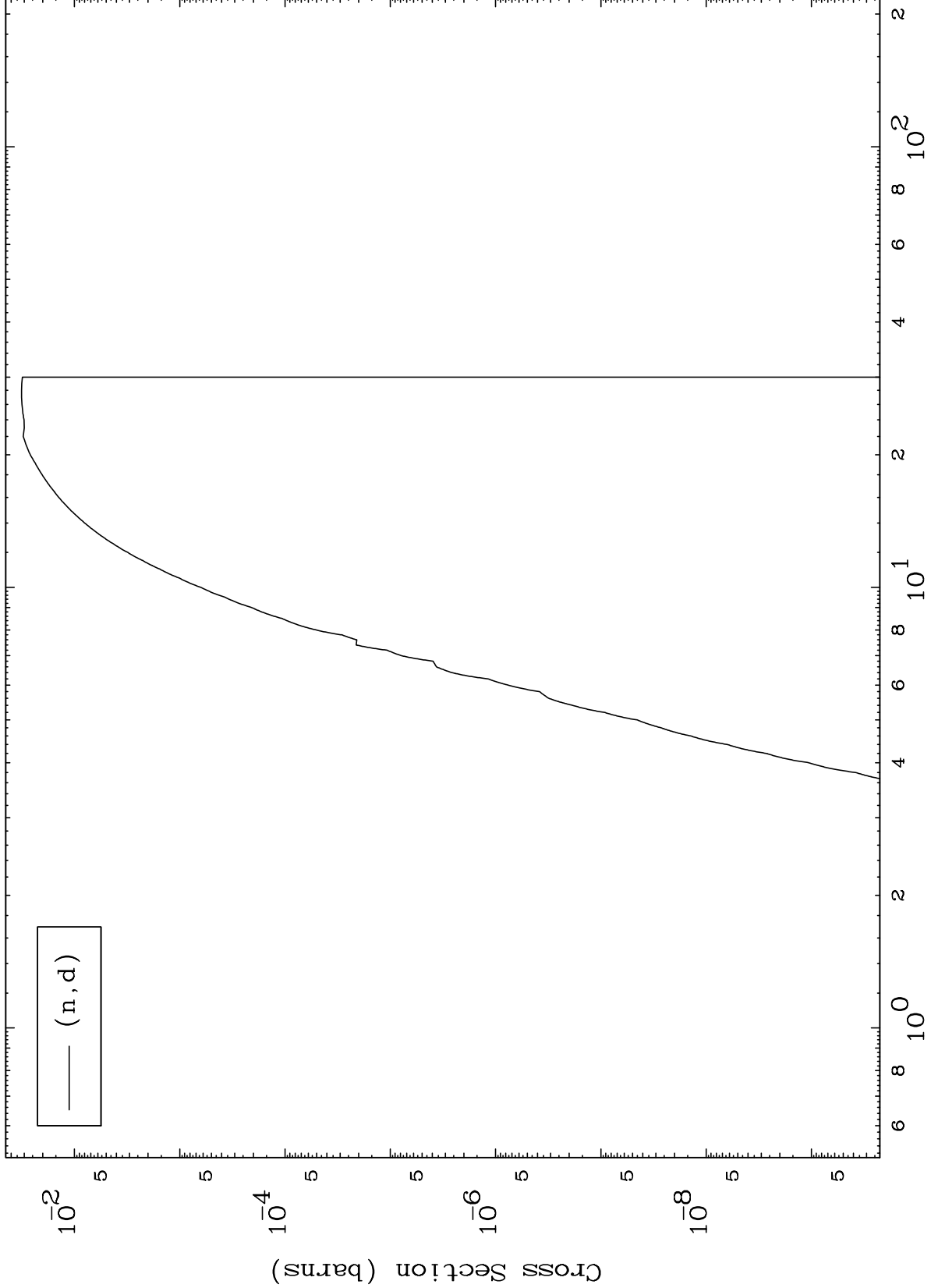
Incident Energy (MeV)

61-Pm-139

MAT 6125

(n,d) Levels
293 Kelvin Cross Sections

61-Pm-139



13

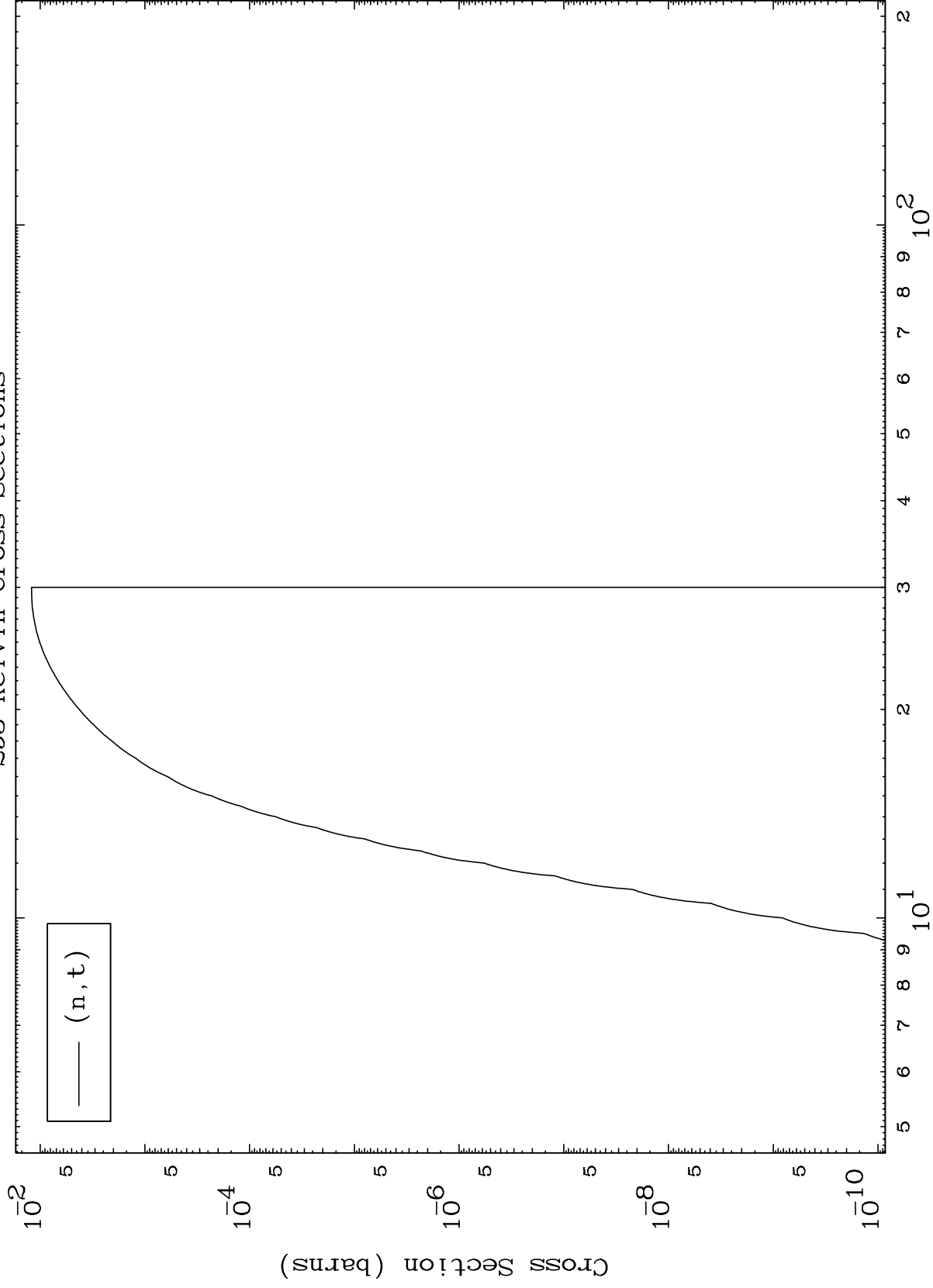
Incident Energy (MeV)

61-Pm-139

MAT 6125

(n,t) Levels
293 Kelvin Cross Sections

61-Pm-139



14

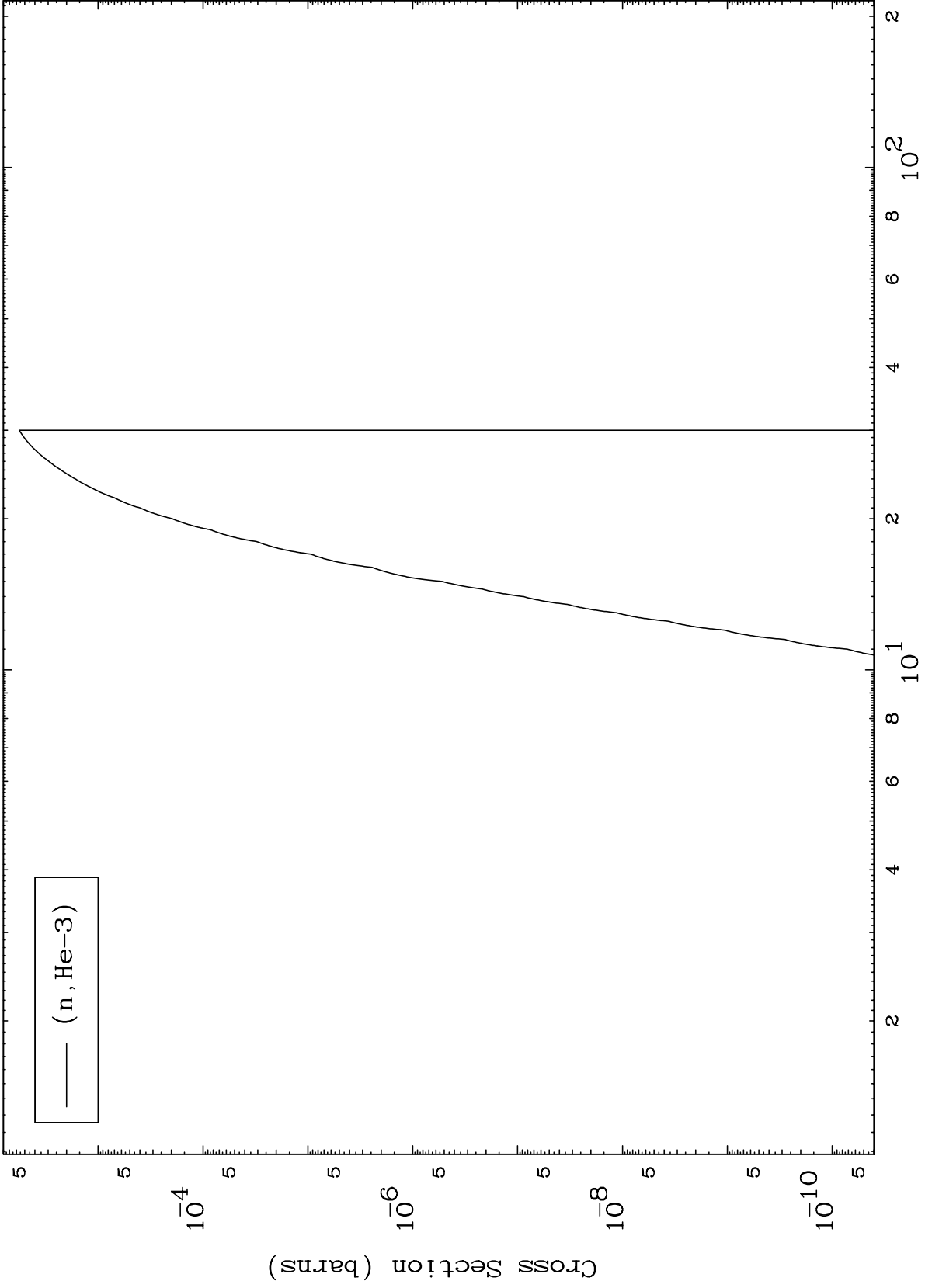
Incident Energy (MeV)

61-Pm-139

MAT 6125

(n,He3) Levels
293 Kelvin Cross Sections

61-Pm-139



15

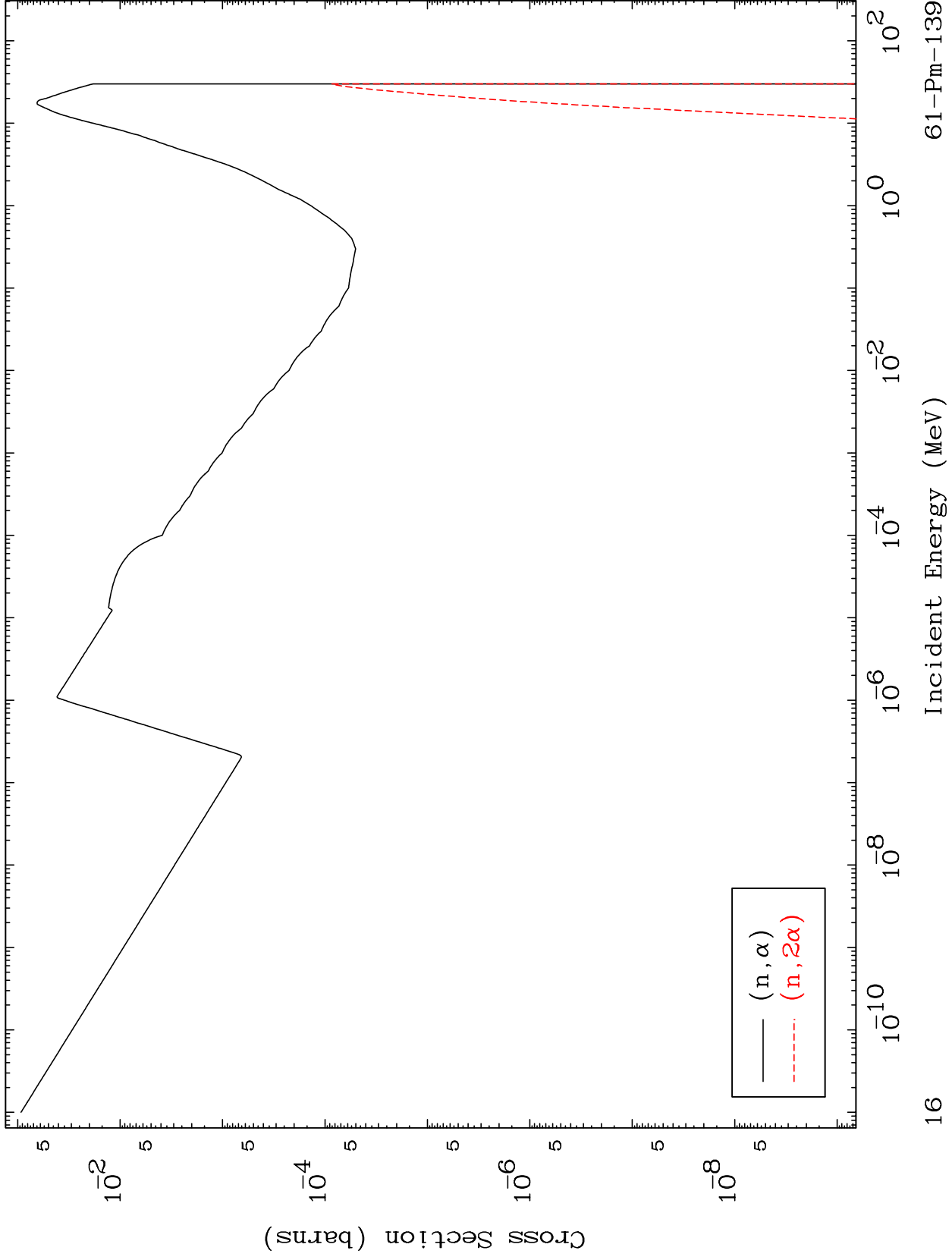
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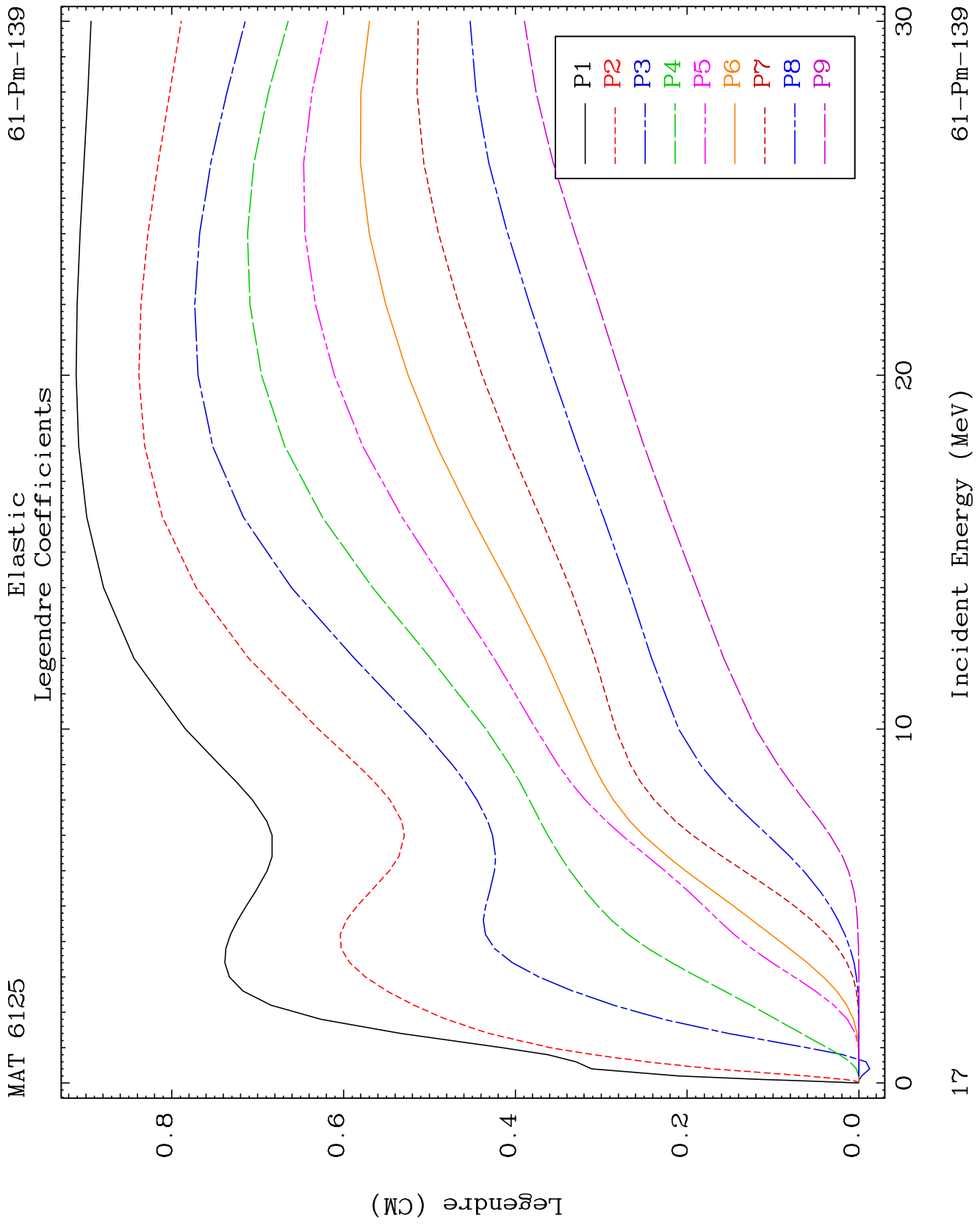
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MAT 6125

(n, α) Levels
293 Kelvin Cross Sections

61-Pm-139

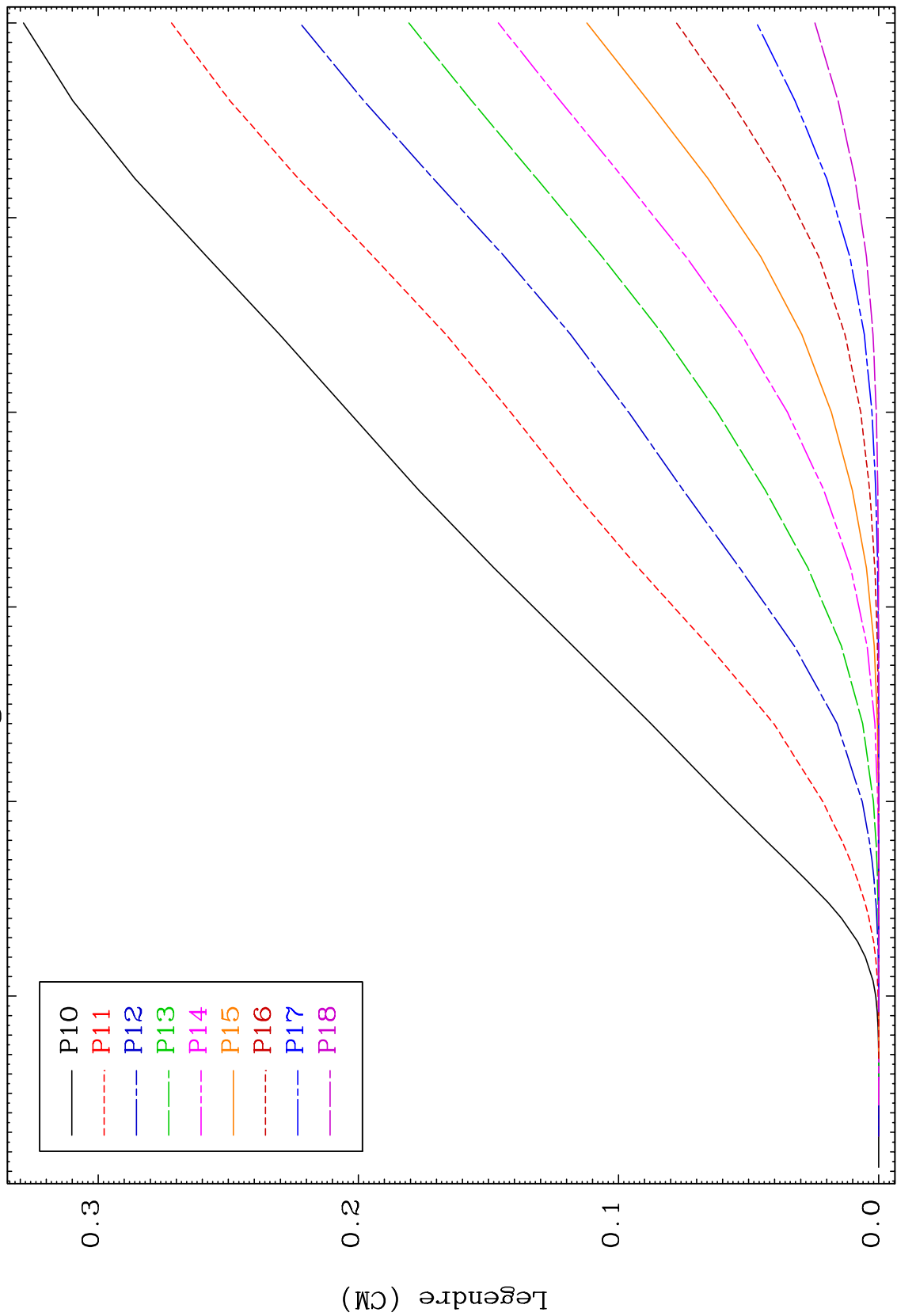




MAT 6125

Elastic Legendre Coefficients

61-Pm-139



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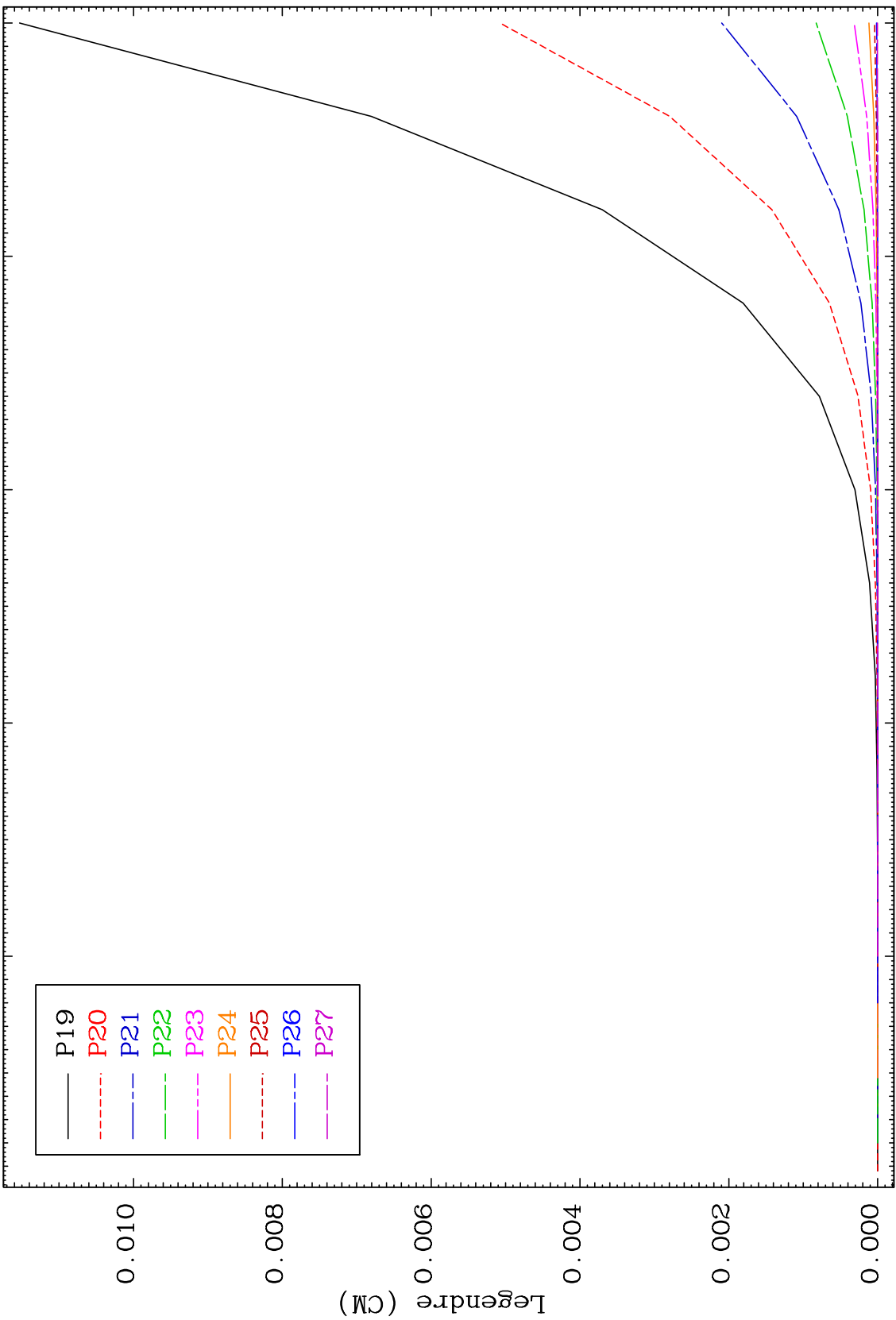
Incident Energy (MeV)

61-Pm-139

MAT 6125

Elastic Legendre Coefficients

61-Pm-139



19

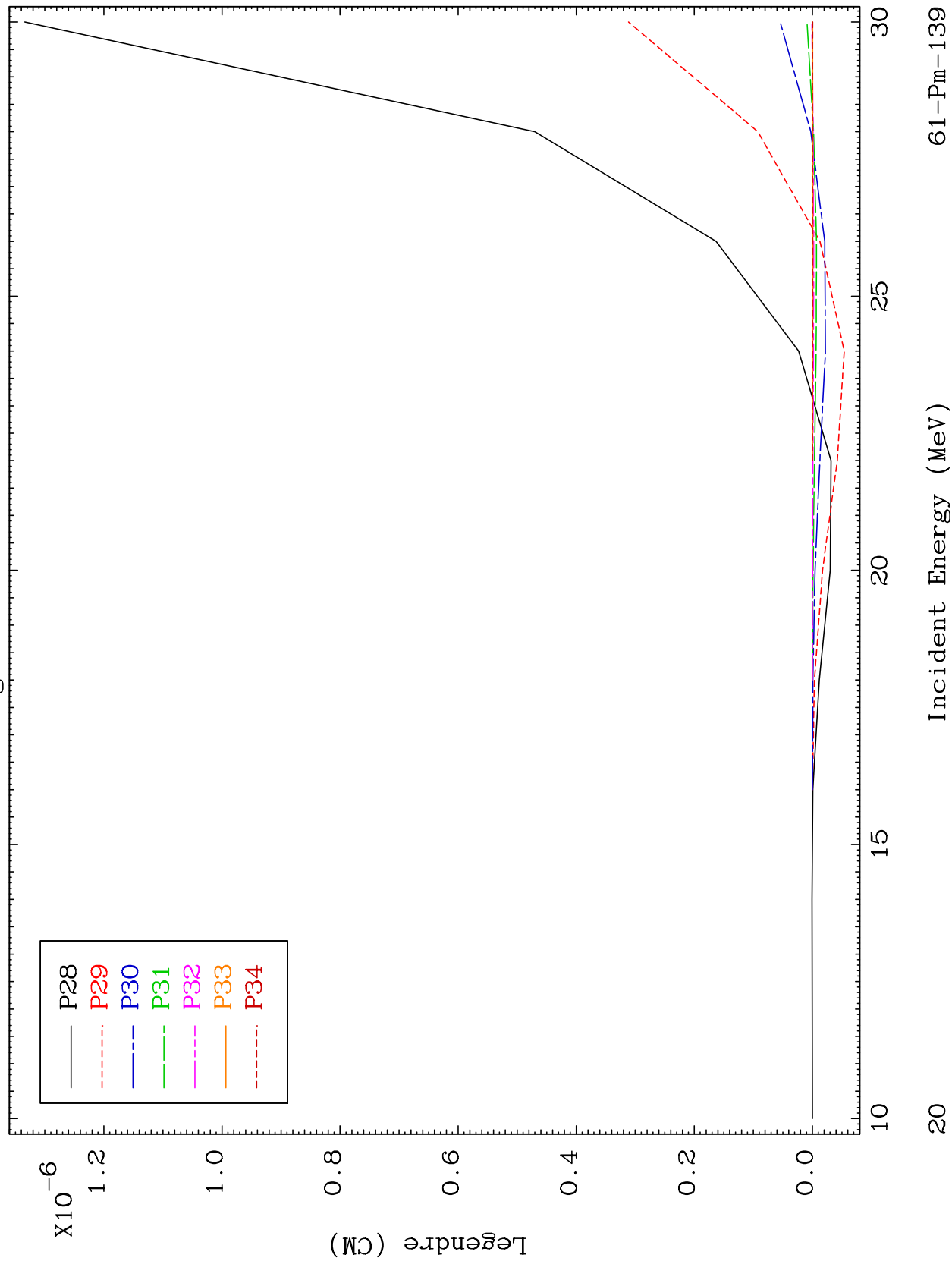
Incident Energy (MeV)

61-Pm-139

MAT 6125

Elastic Legendre Coefficients

61-Pm-139



61-Pm-139

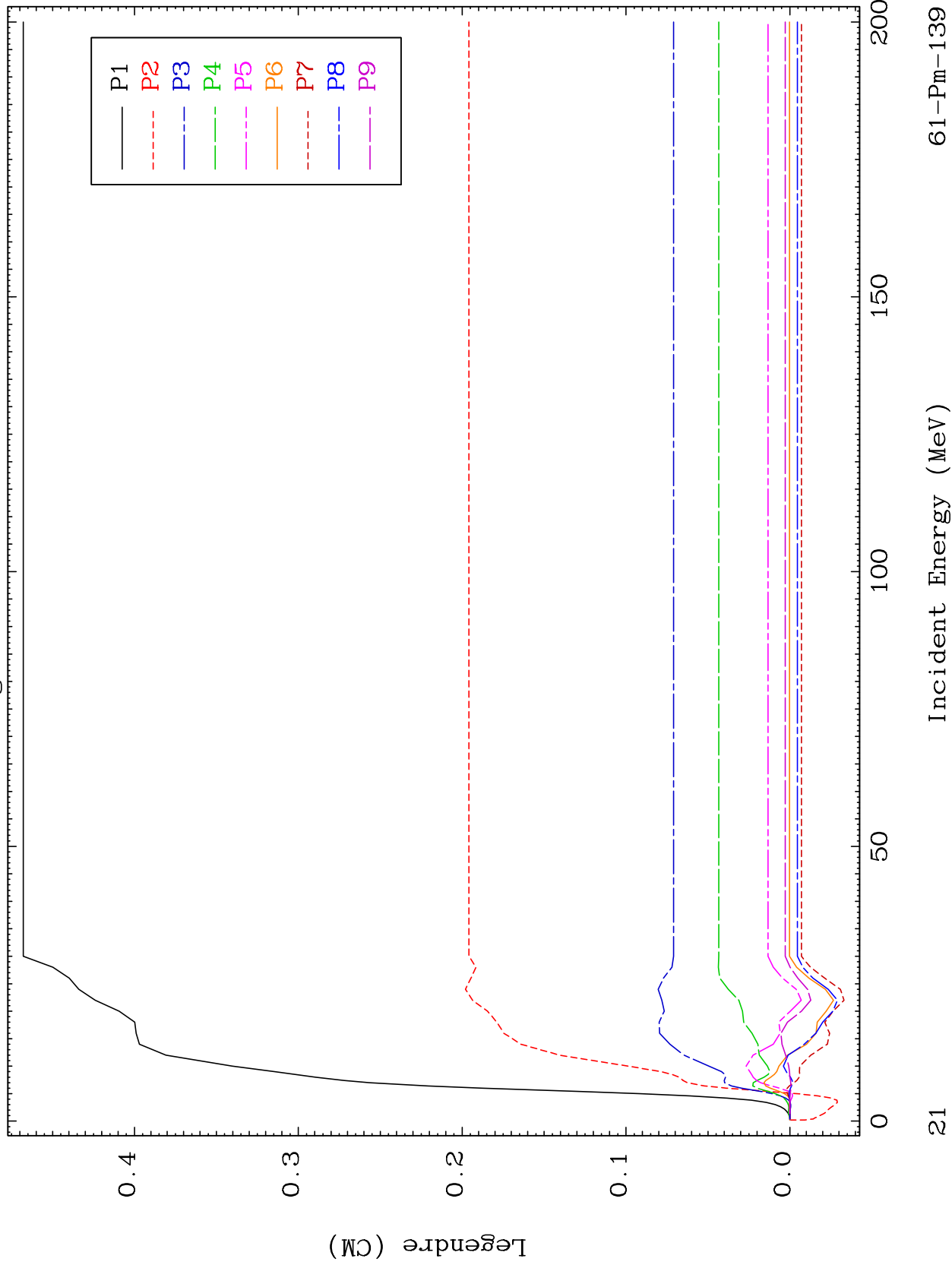
Incident Energy (MeV)

20

MAT 6125

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

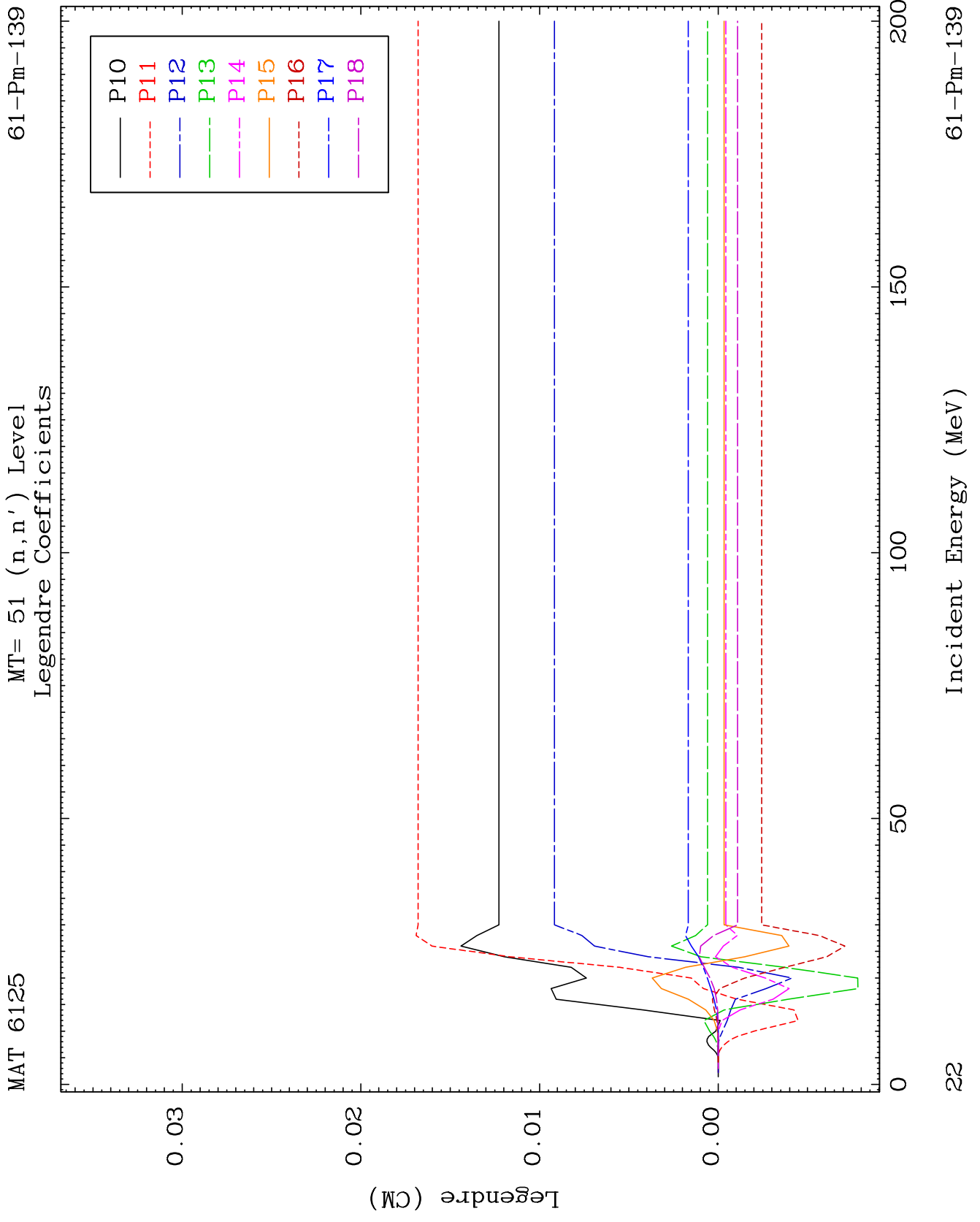
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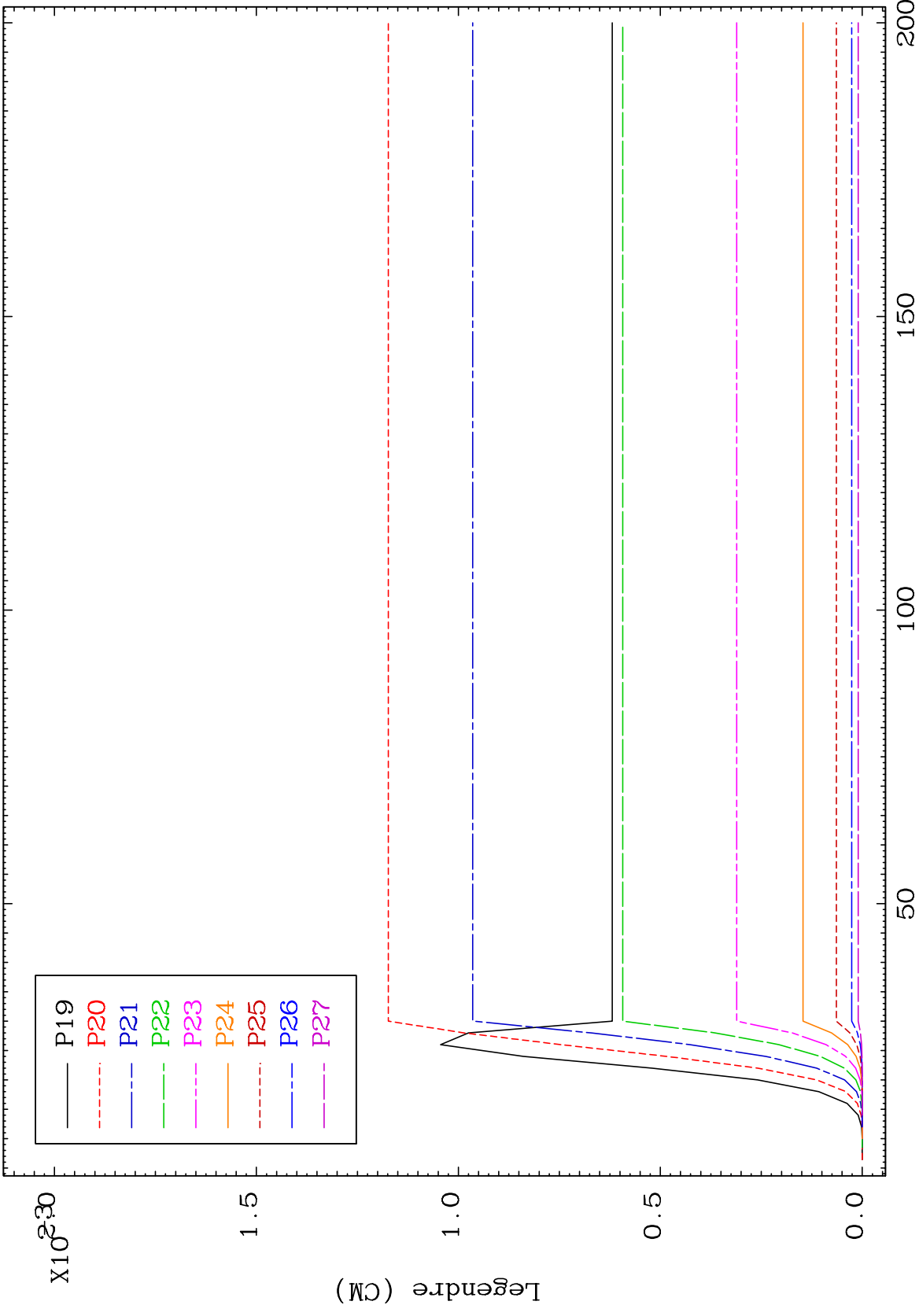


61-Pm-139

Incident Energy (MeV)

21

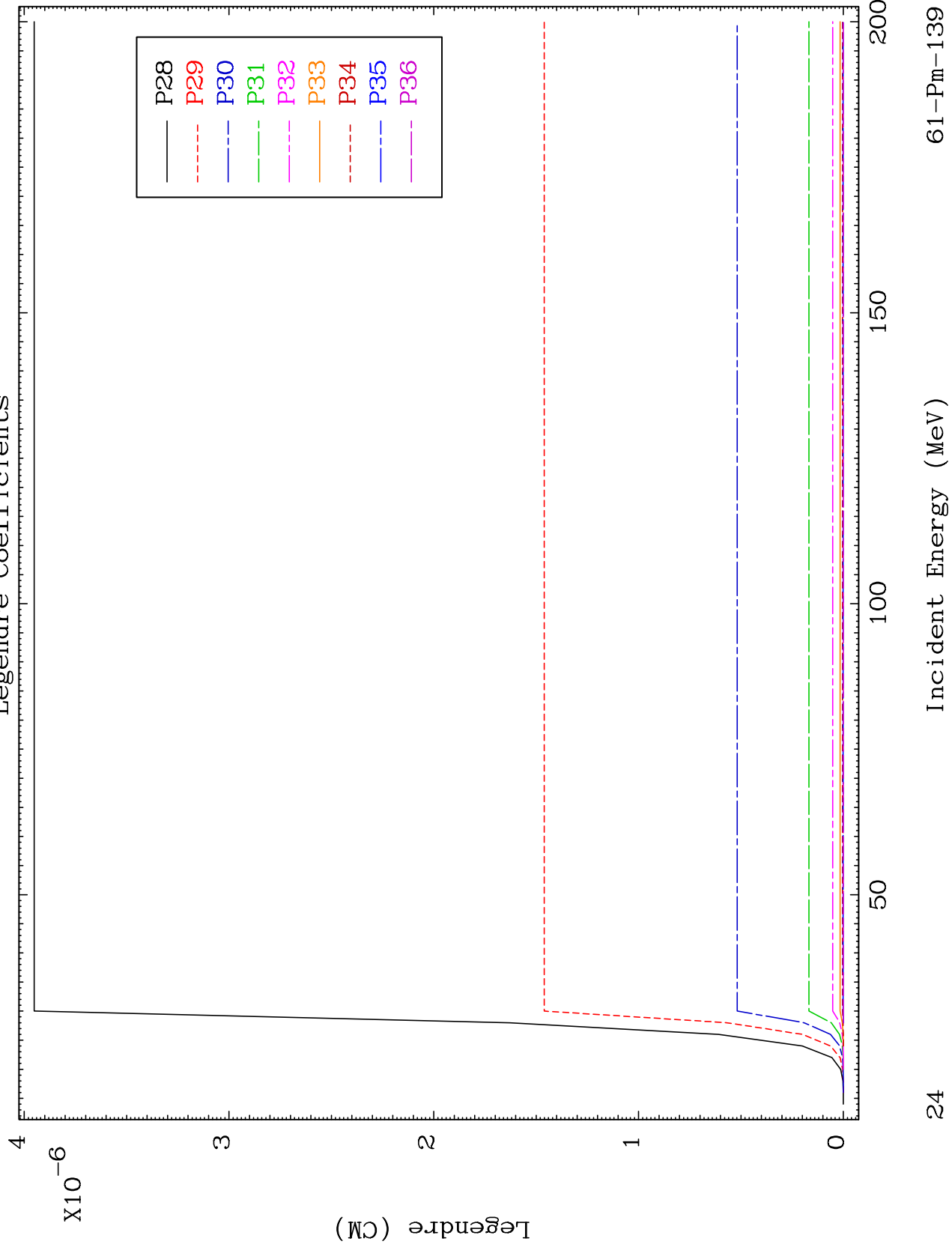


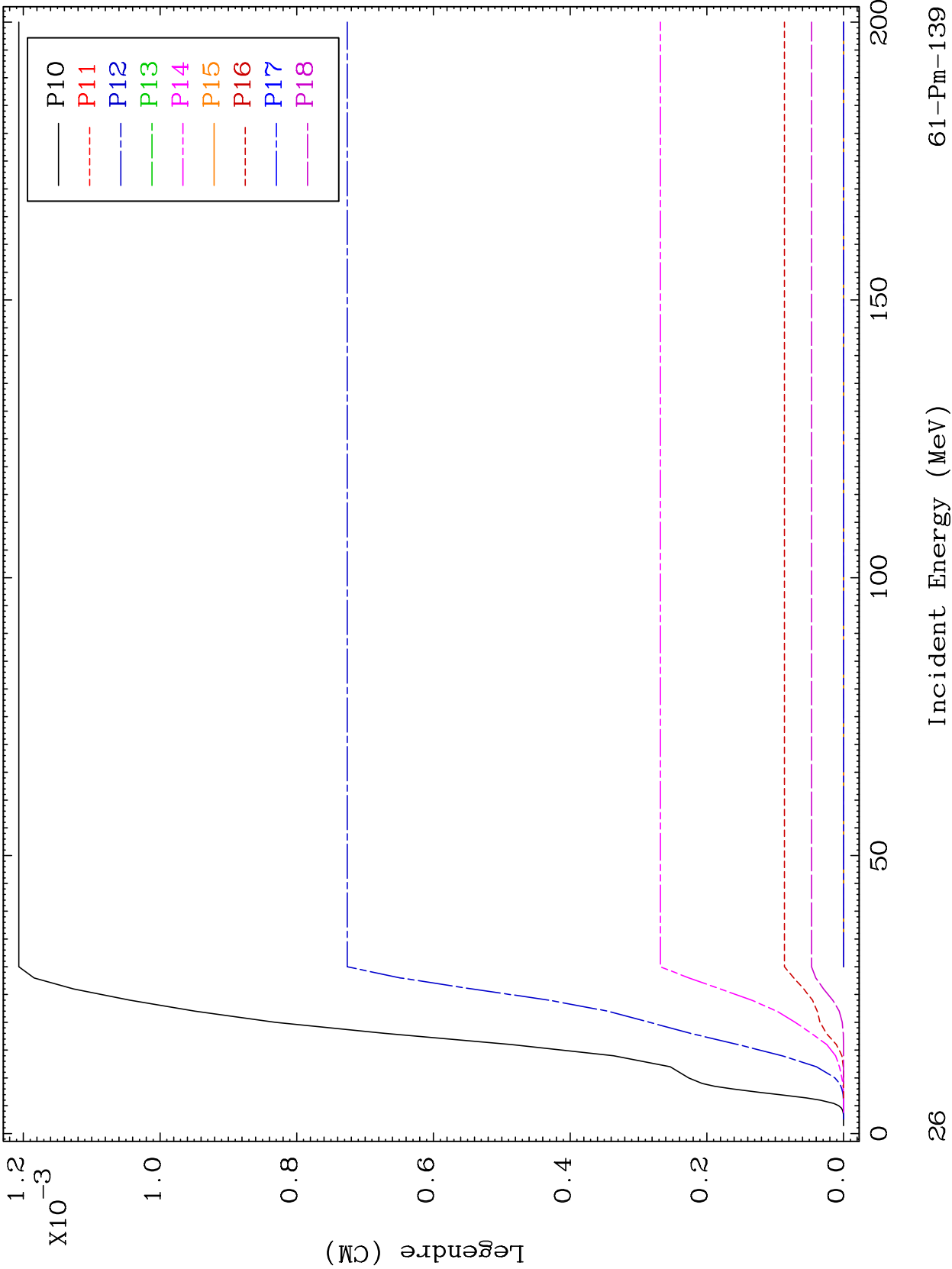


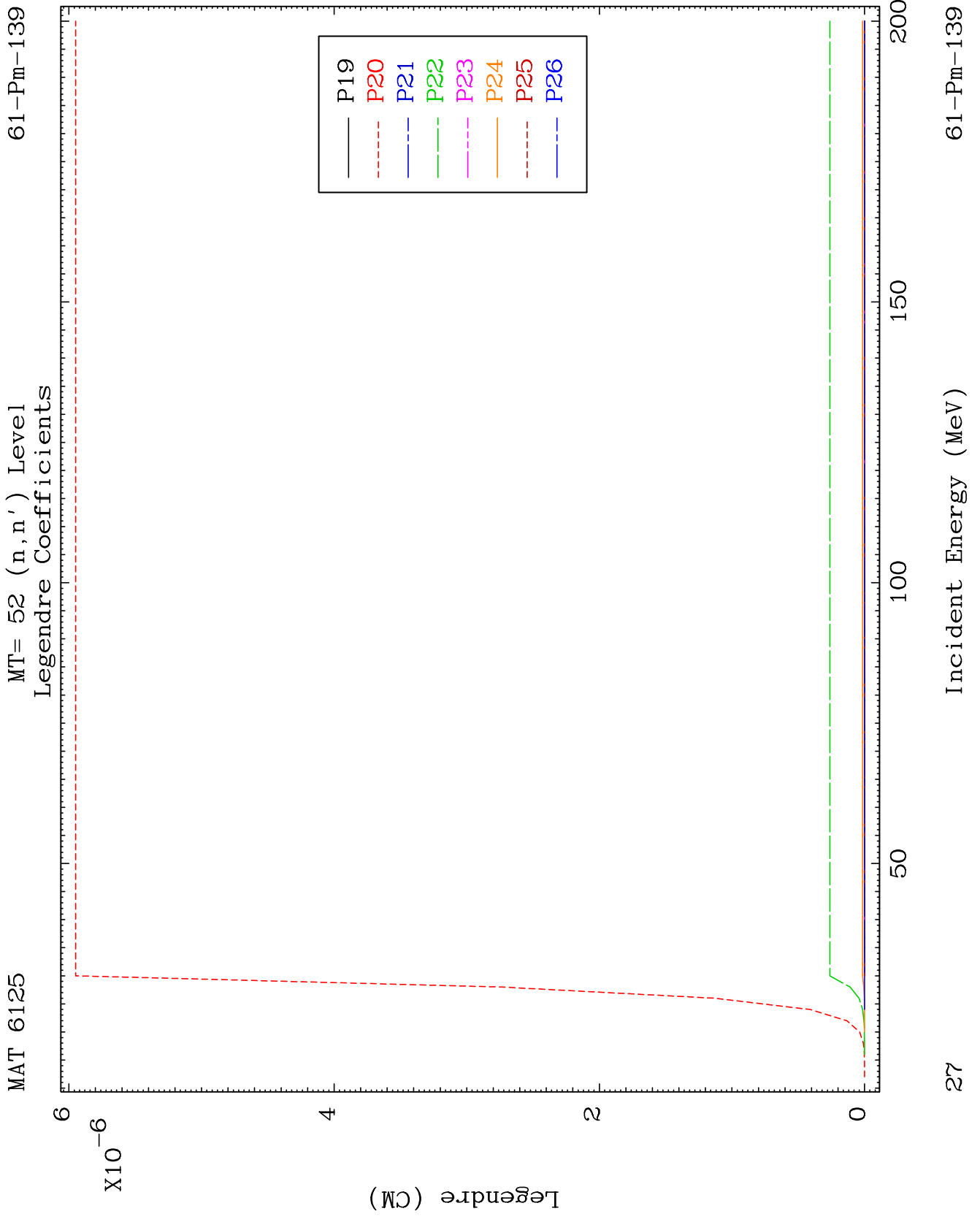
MAT 6125

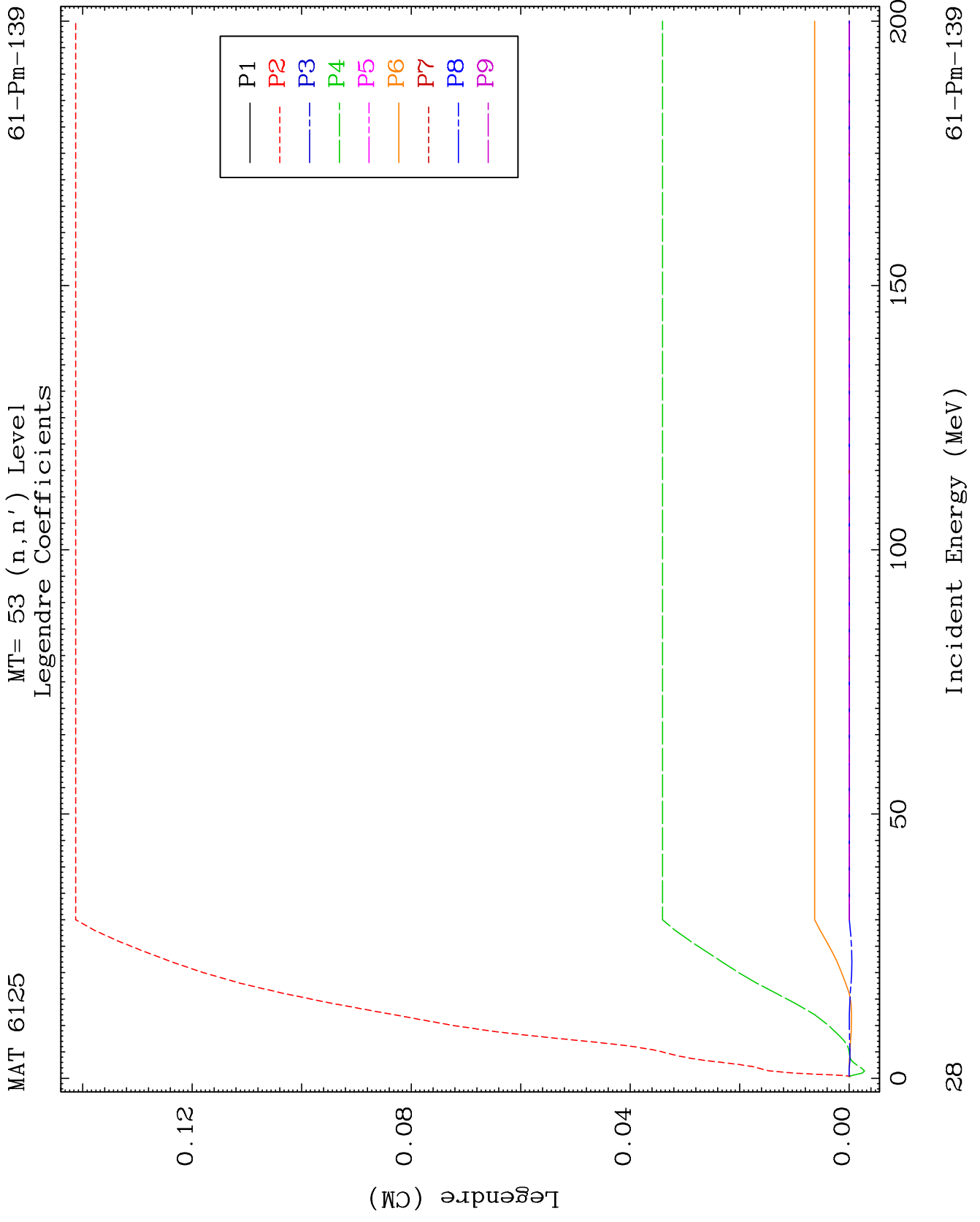
MT= 51 (n,n') Level
Legendre Coefficients

61-Pm-139





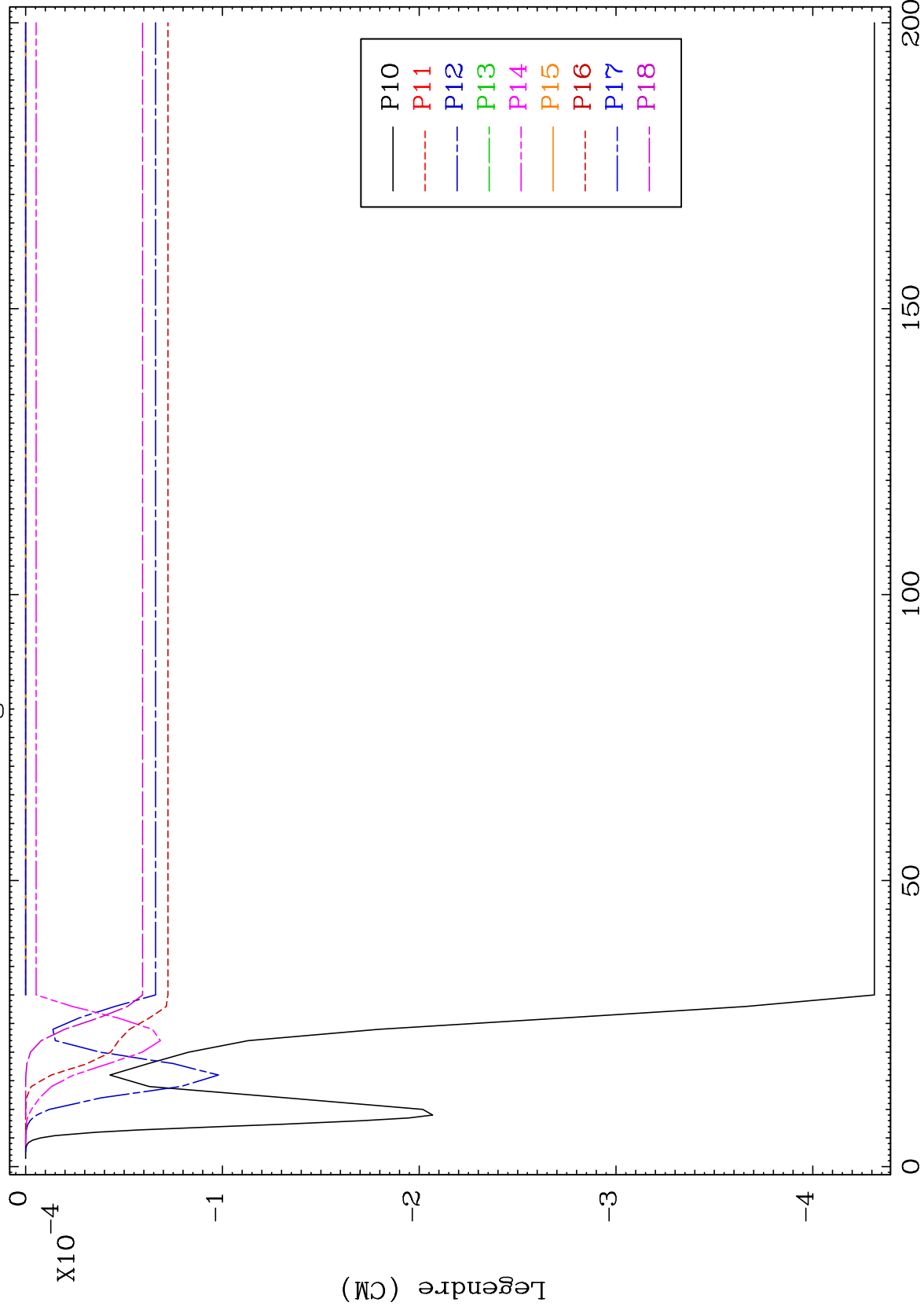




MAT 6125

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

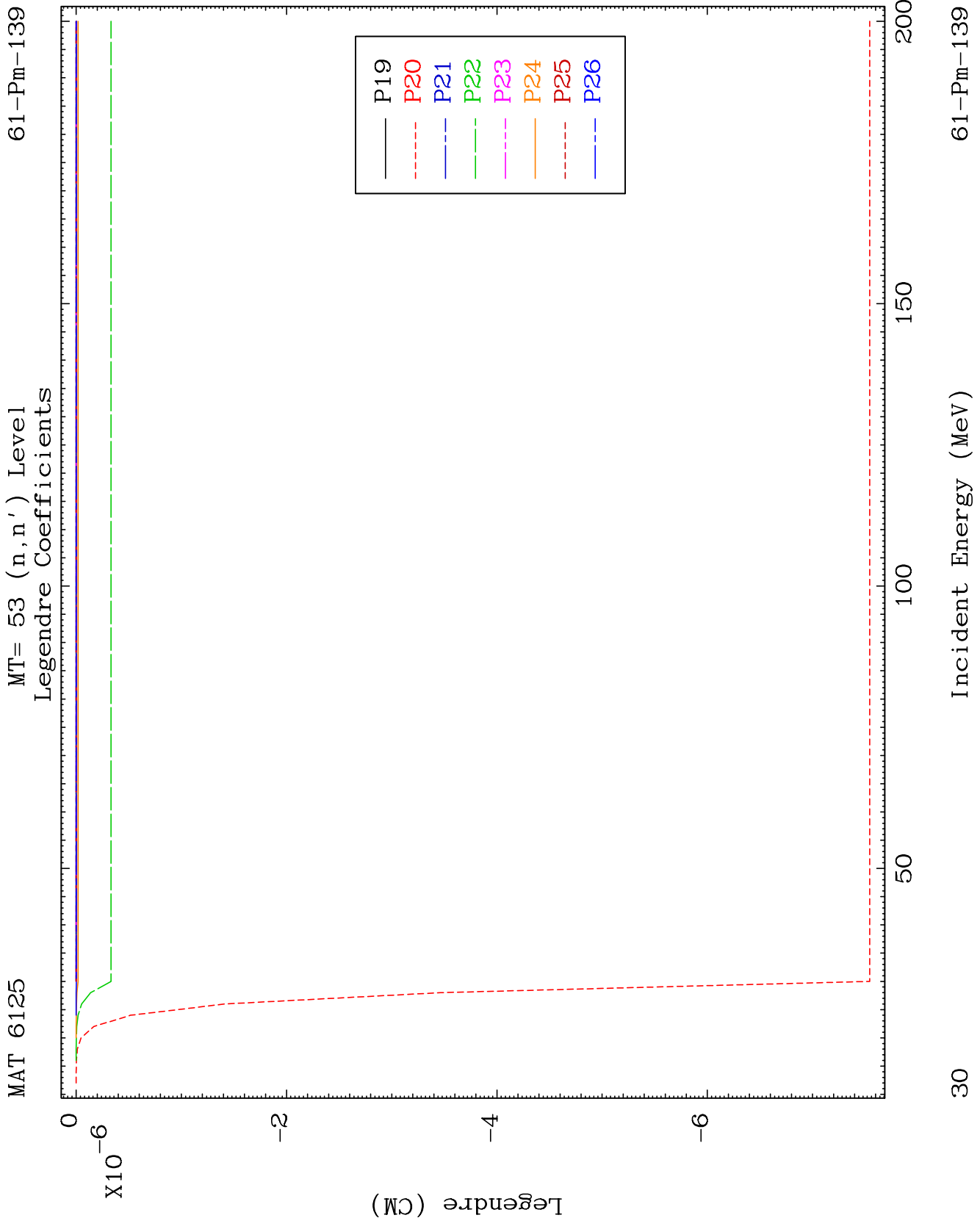
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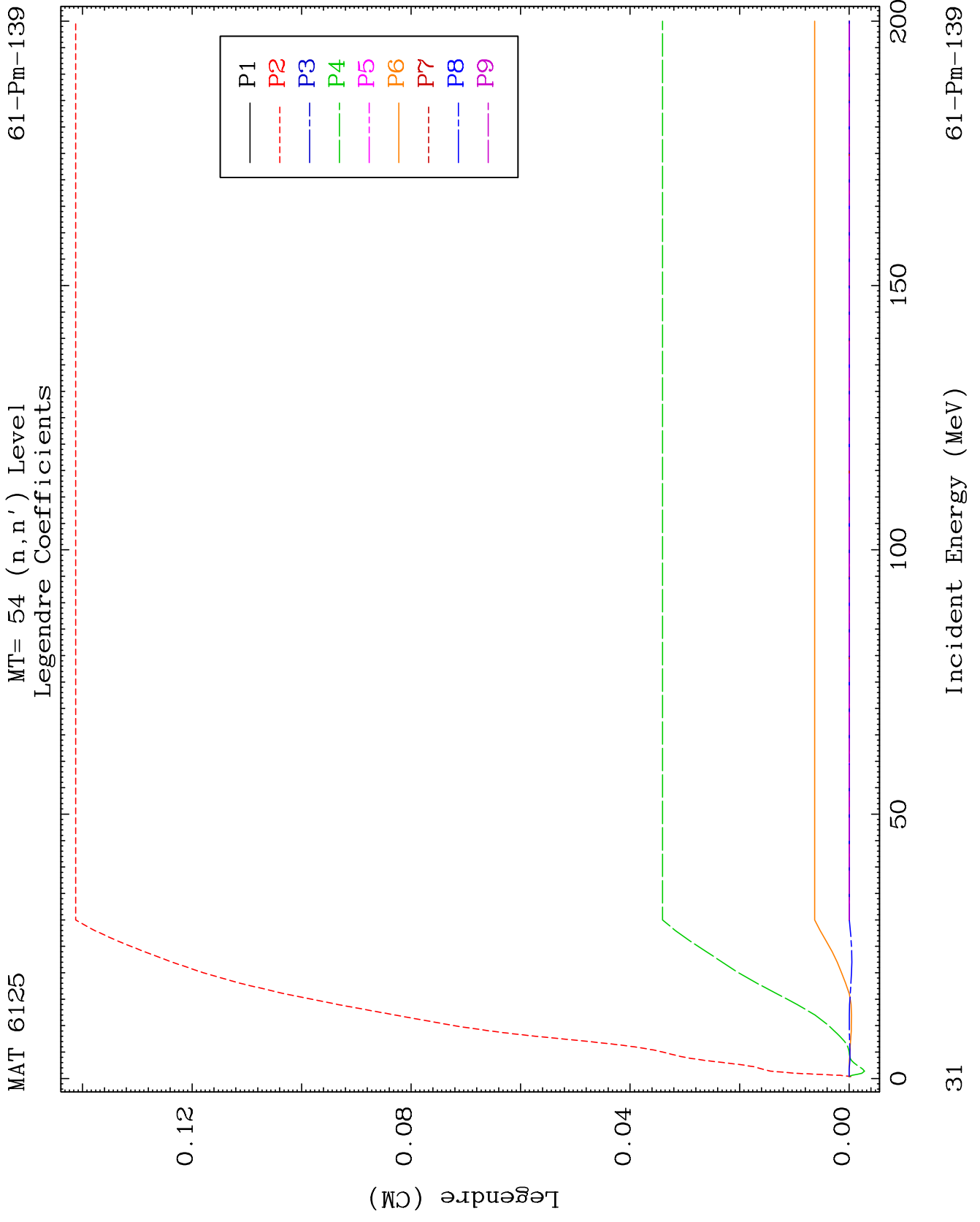


29

Incident Energy (MeV)

61-Pm-139

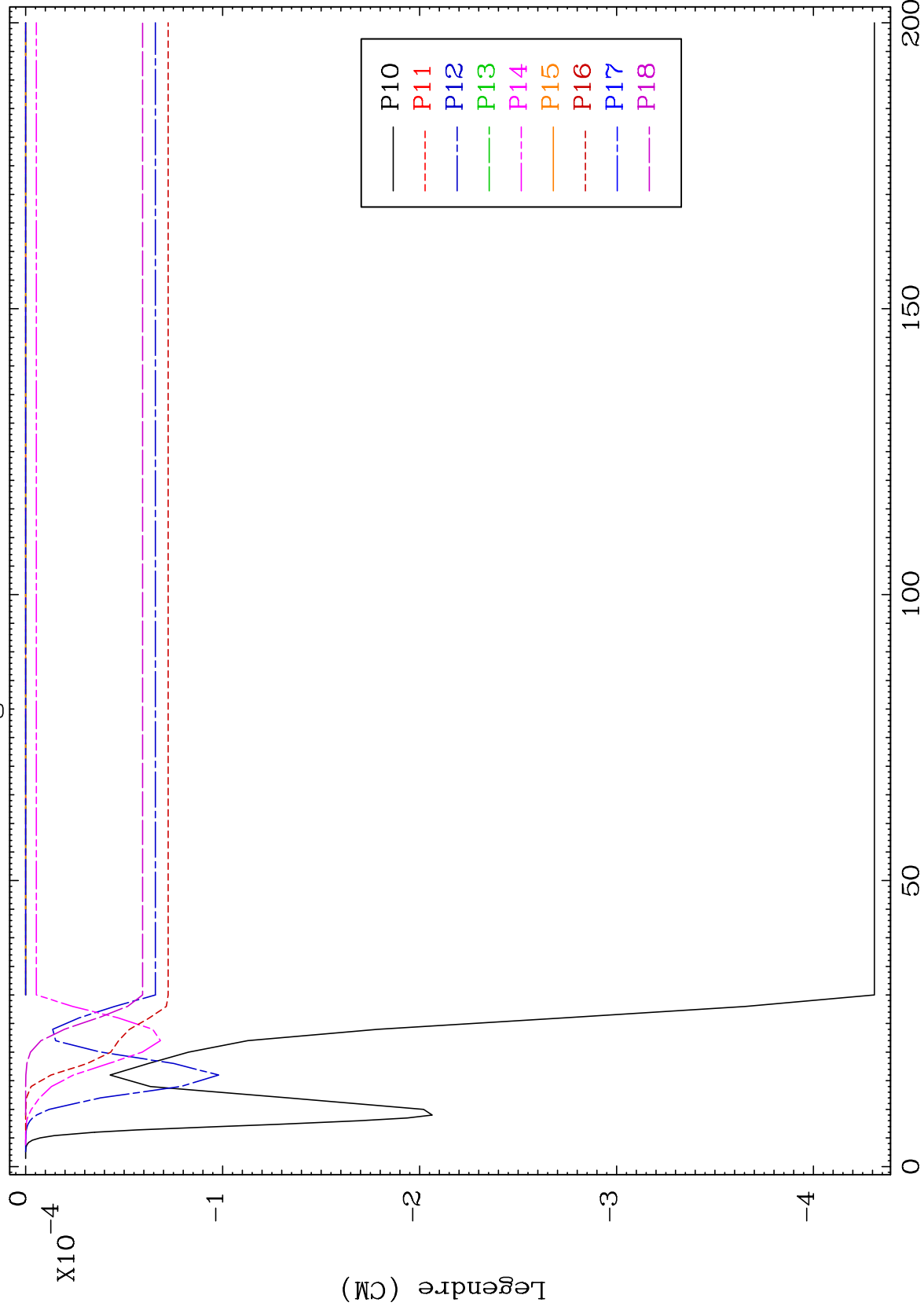




MAT 6125

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

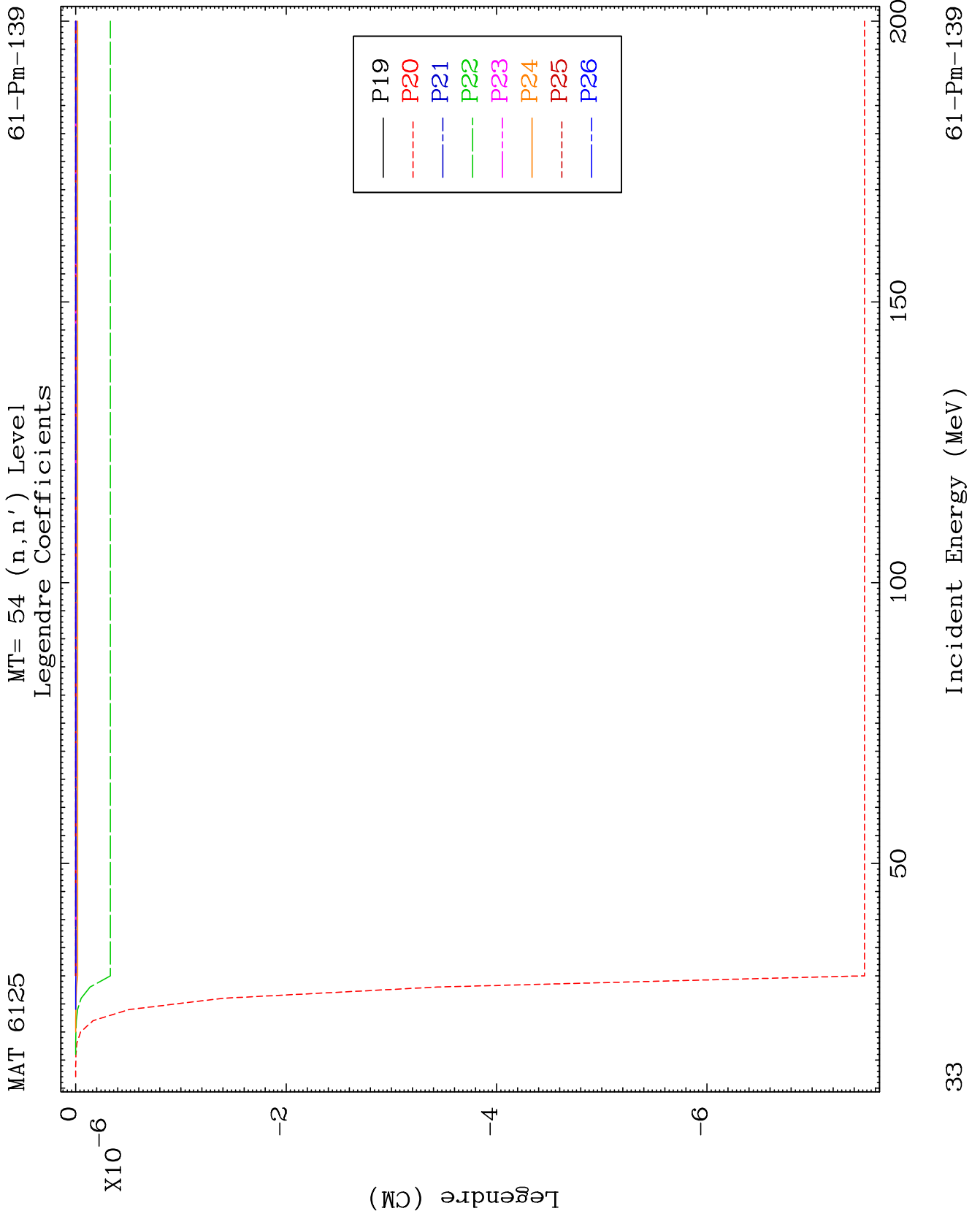
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Incident Energy (MeV)

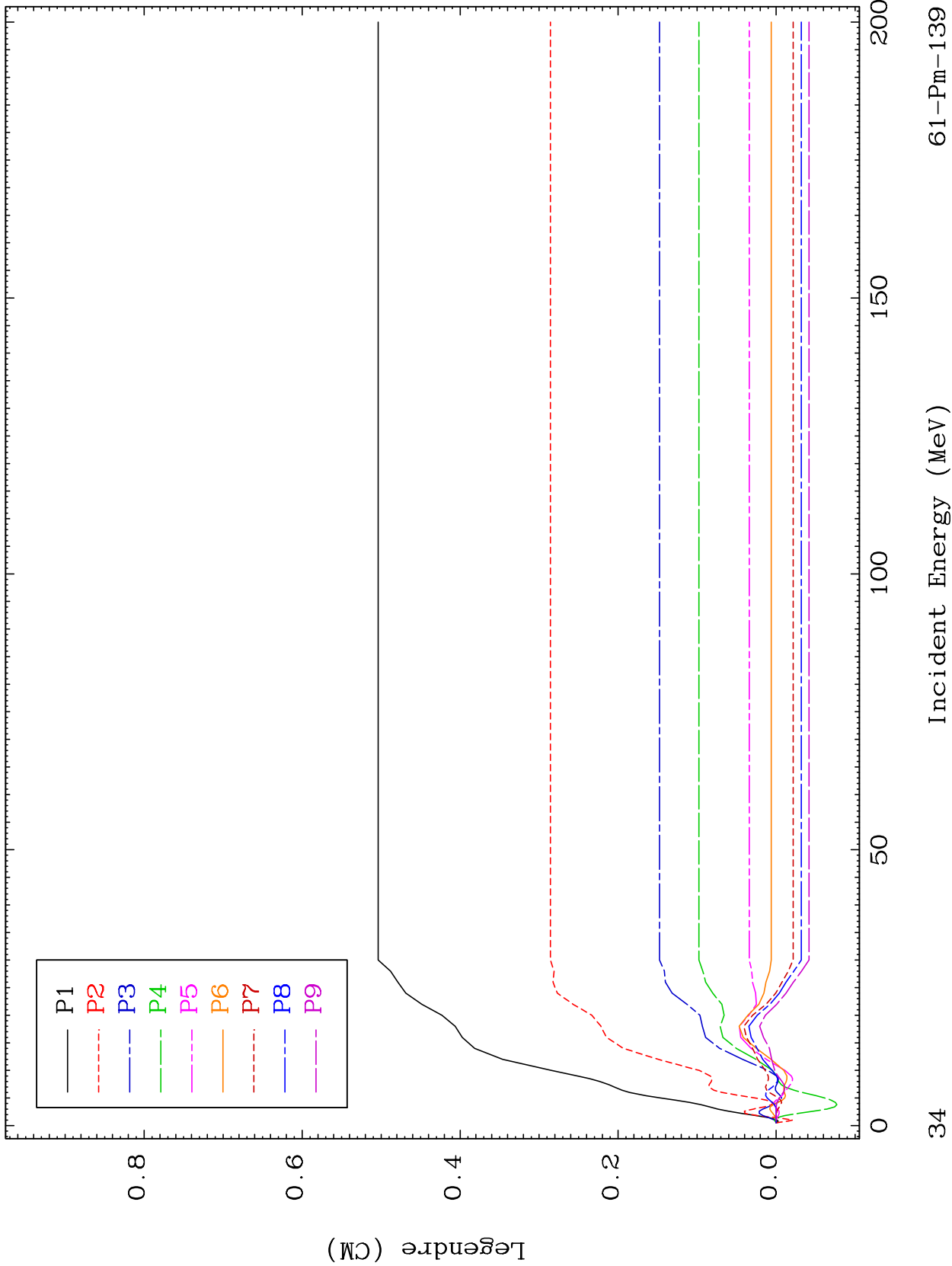
61-Pm-139



MAT 6125

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

61-Pm-139



34

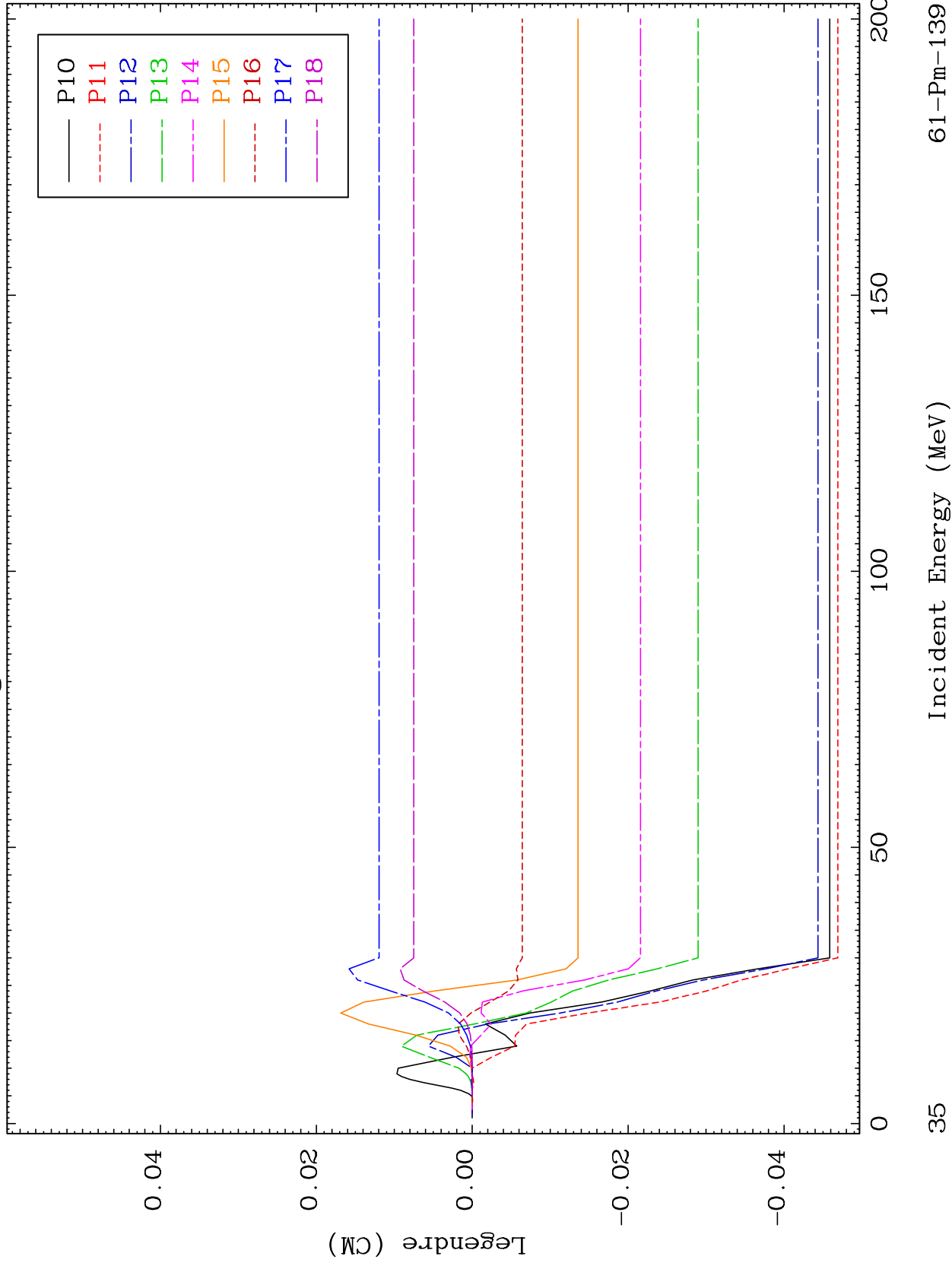
Incident Energy (MeV)

61-Pm-139

MAT 6125

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

61-Pm-139



61-Pm-139

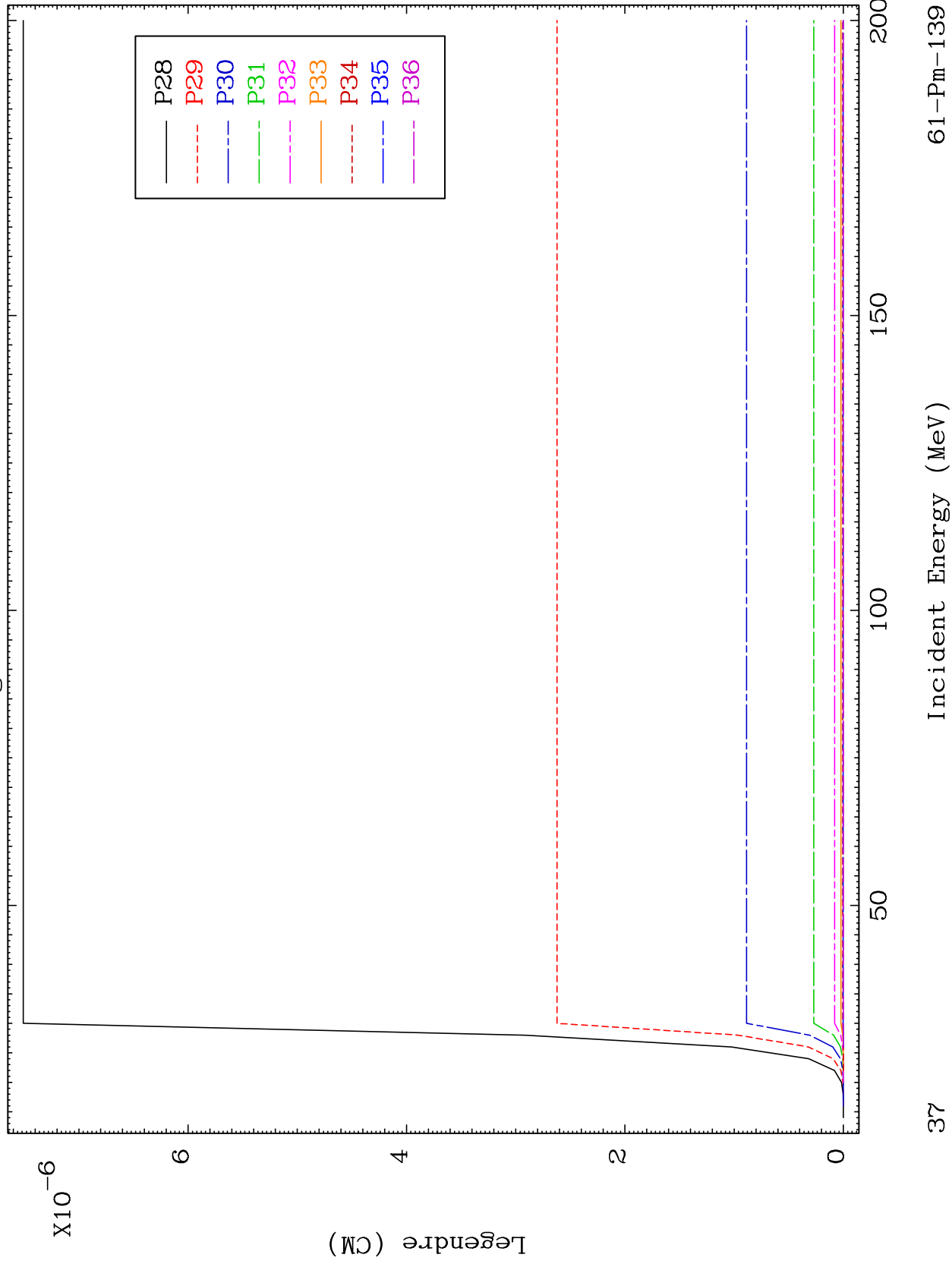
Incident Energy (MeV)

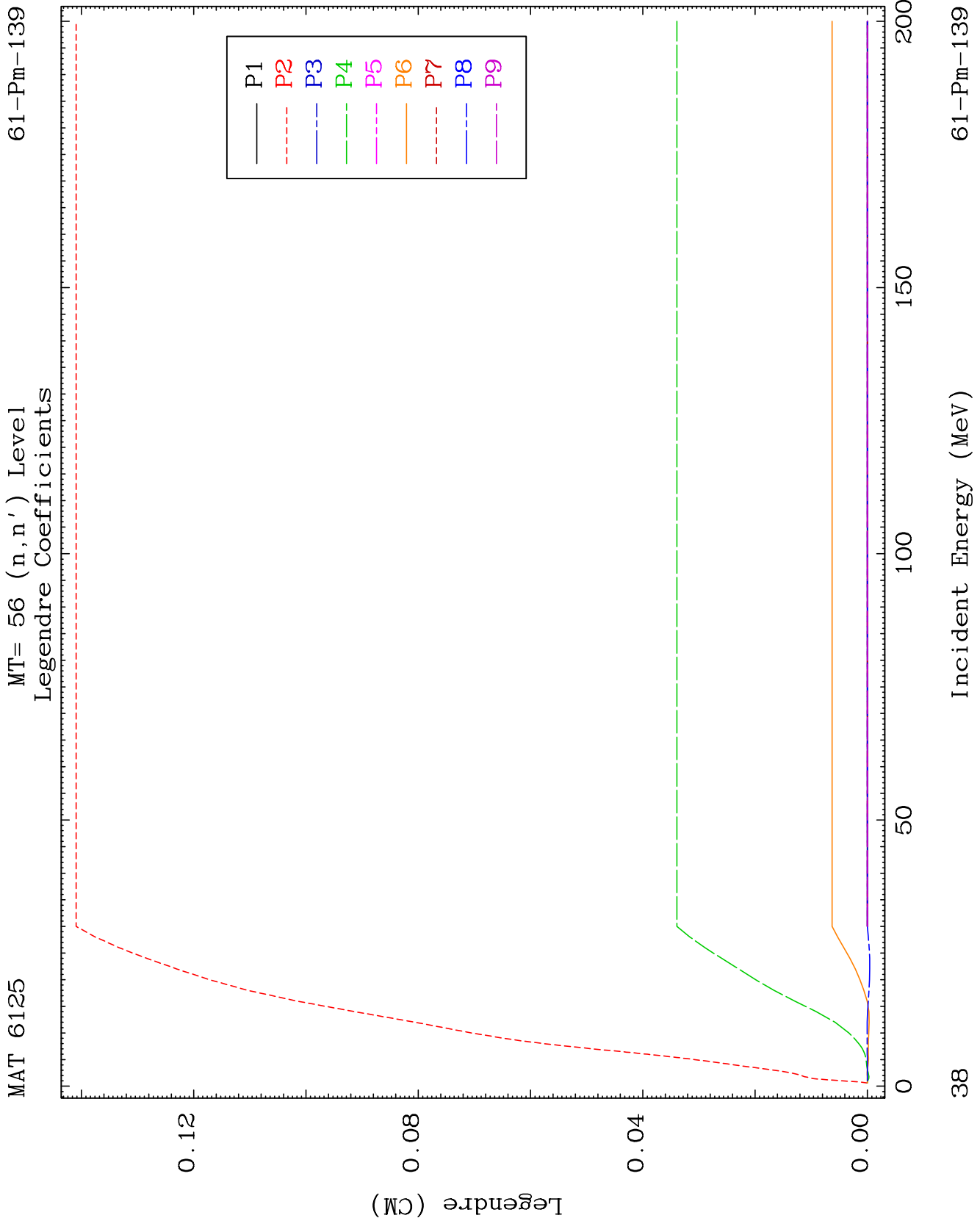
35

MAT 6125

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

61-Pm-139

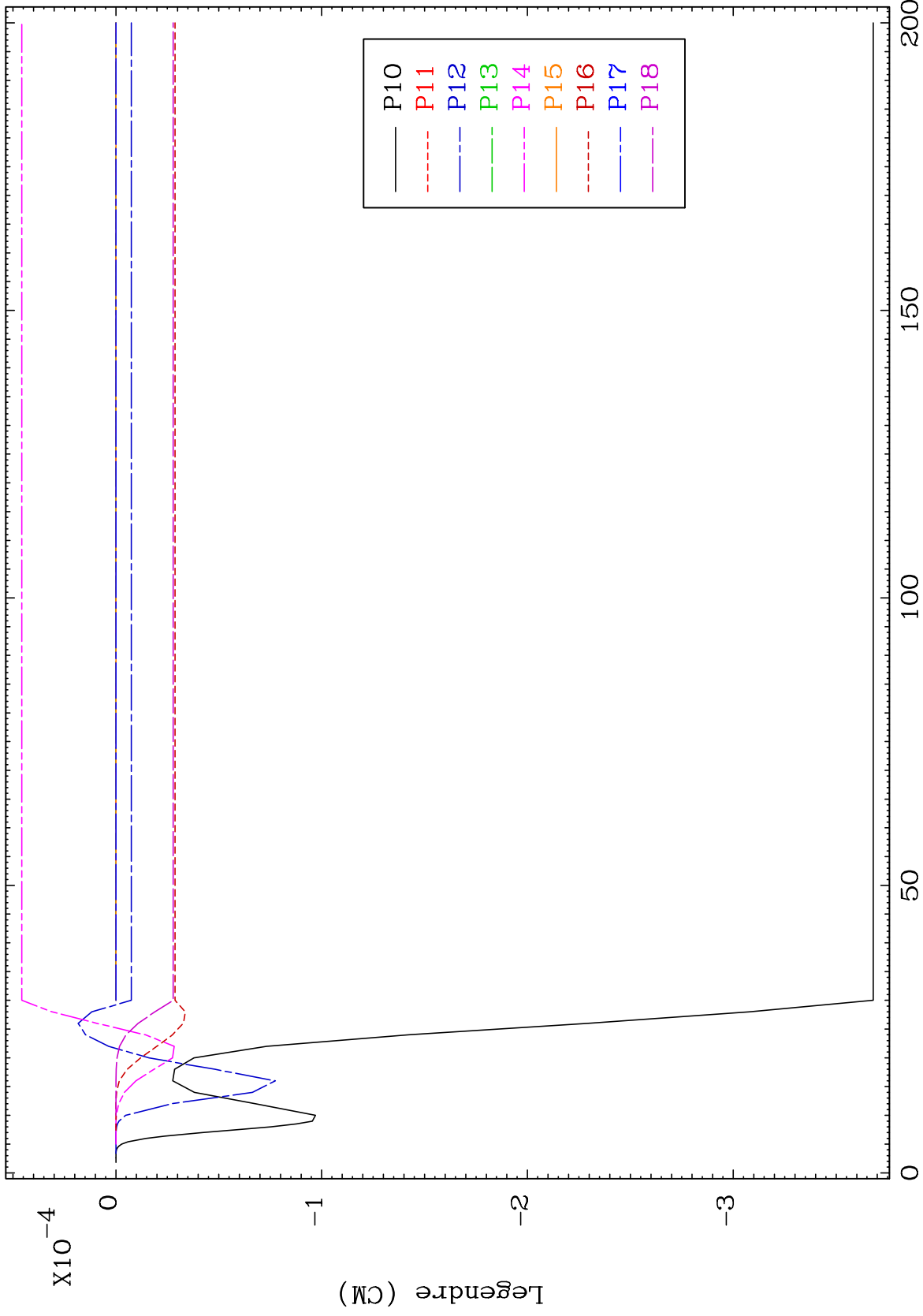




MAT 6125

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

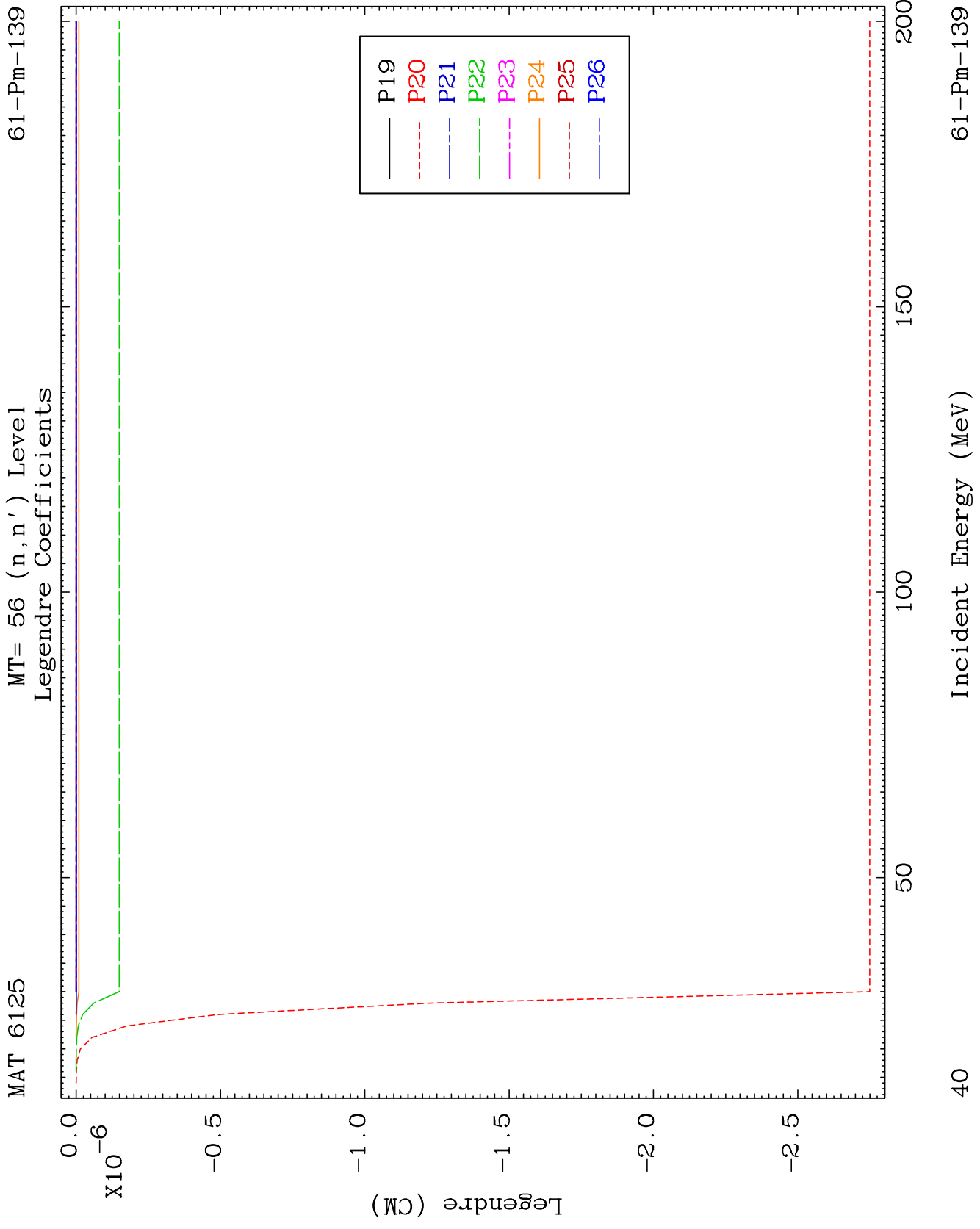
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39

Incident Energy (MeV)

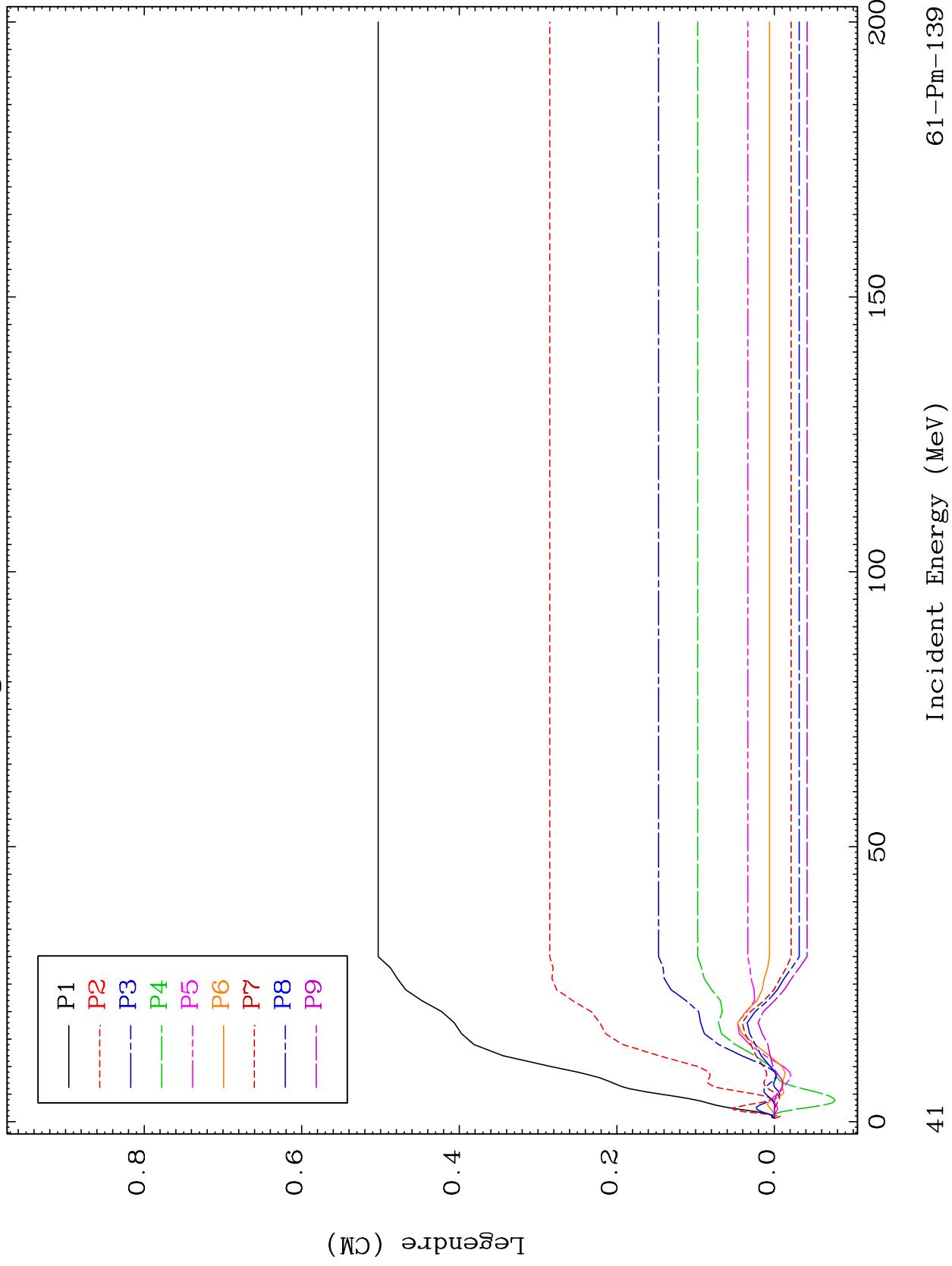
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MAT 6125

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

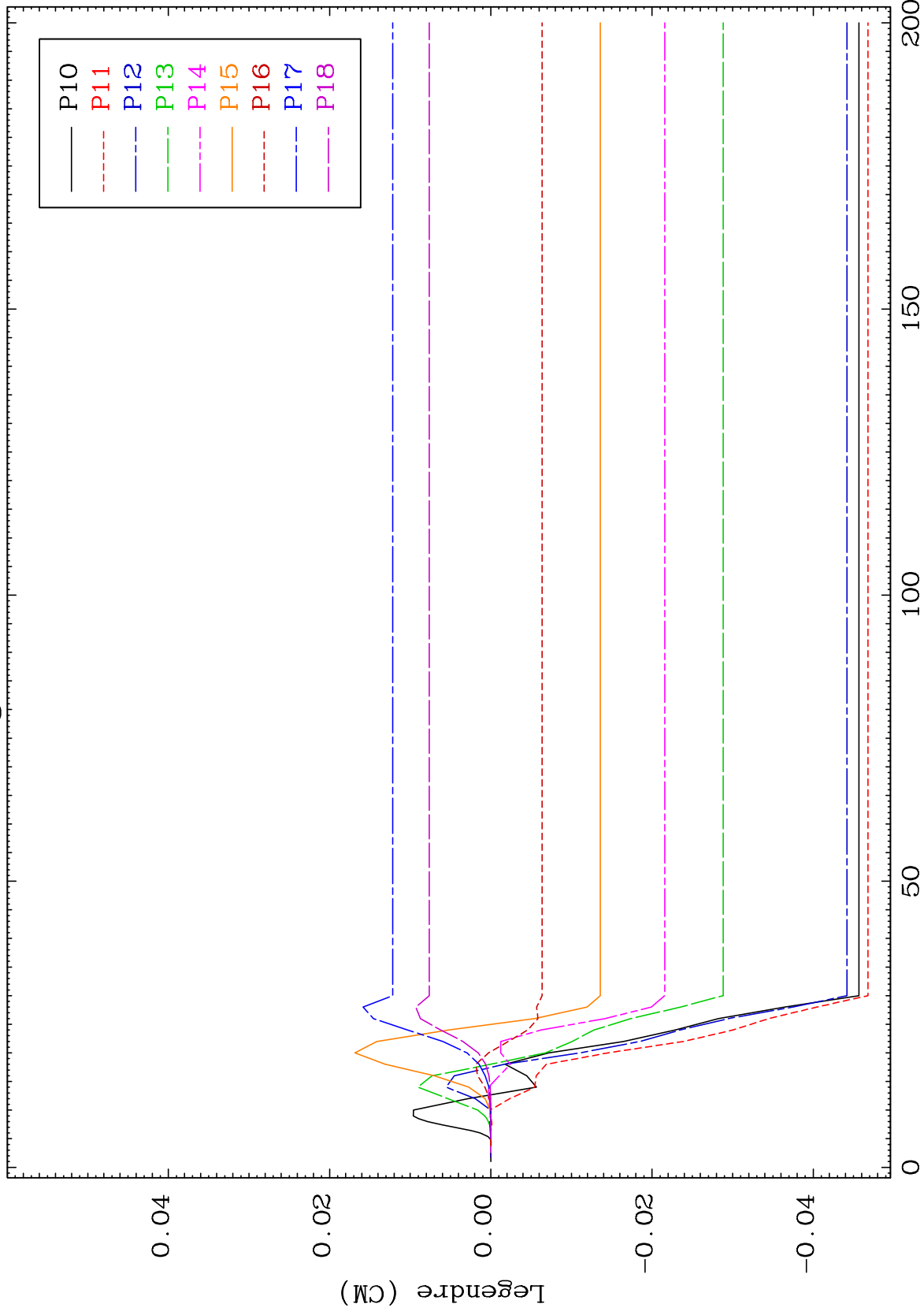
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MAT 6125

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

61-Pm-139



42

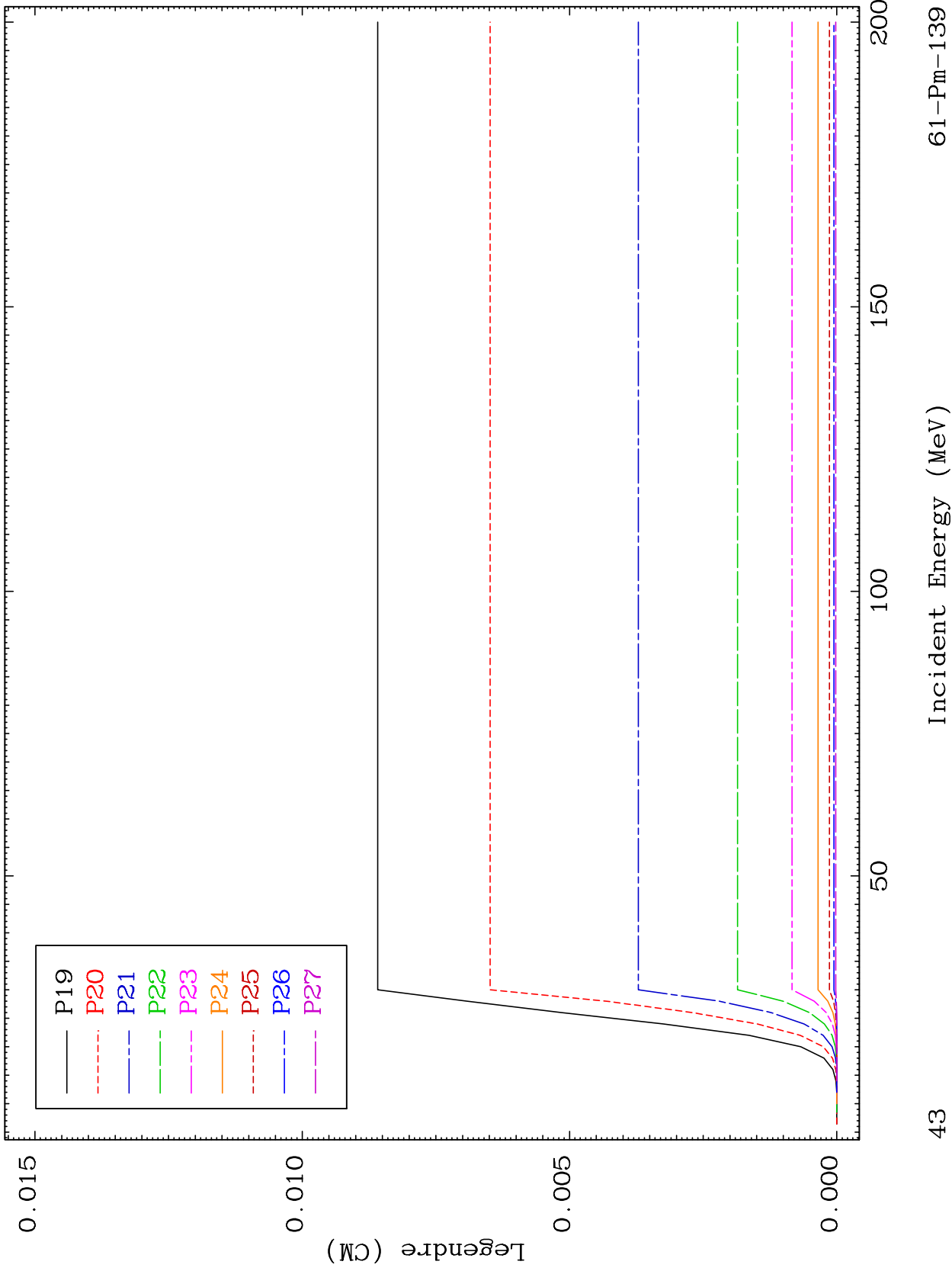
Incident Energy (MeV)

61-Pm-139

MAT 6125

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

61-Pm-139



43

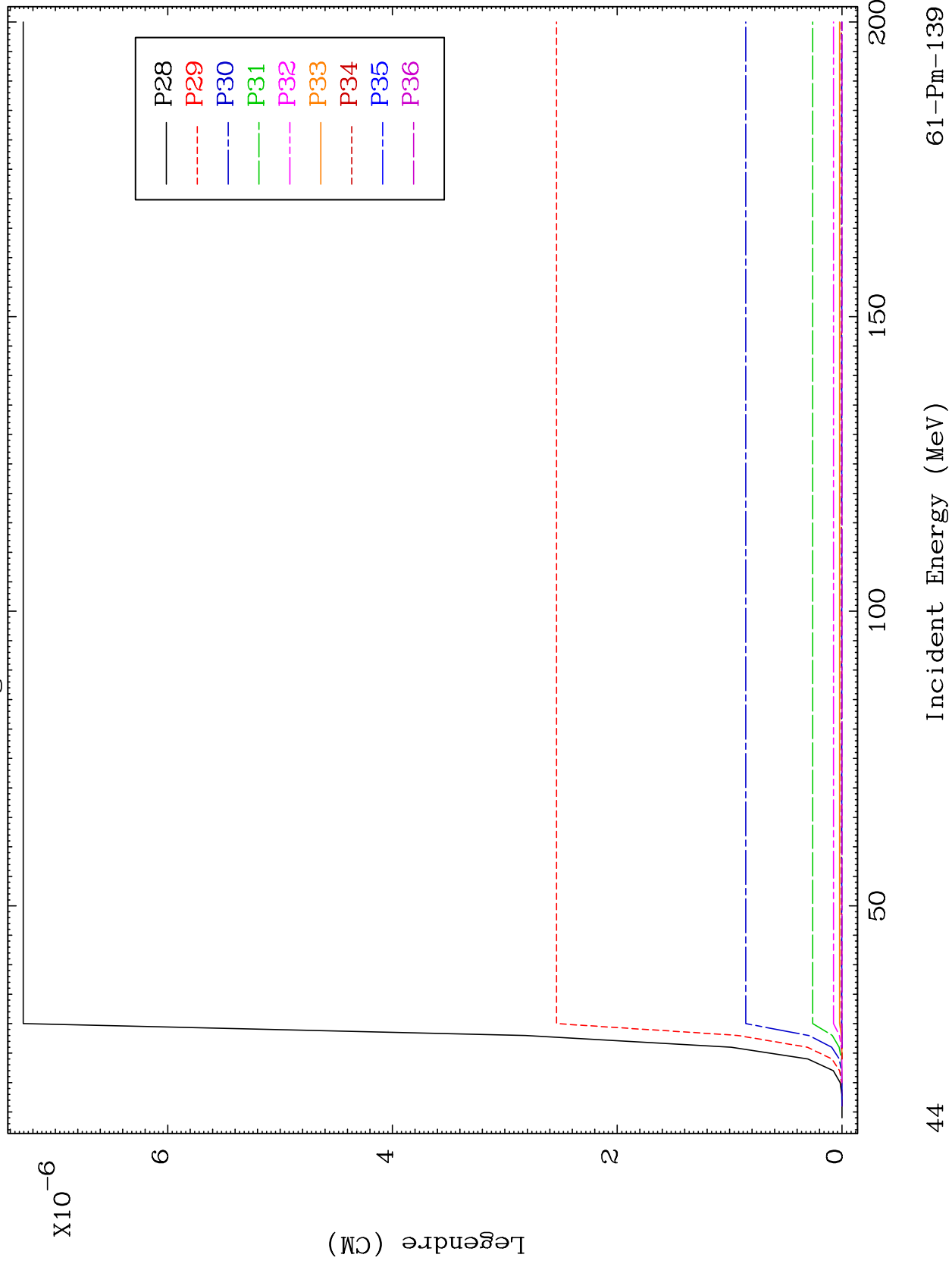
Incident Energy (MeV)

61-Pm-139

MAT 6125

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

61-Pm-139



44

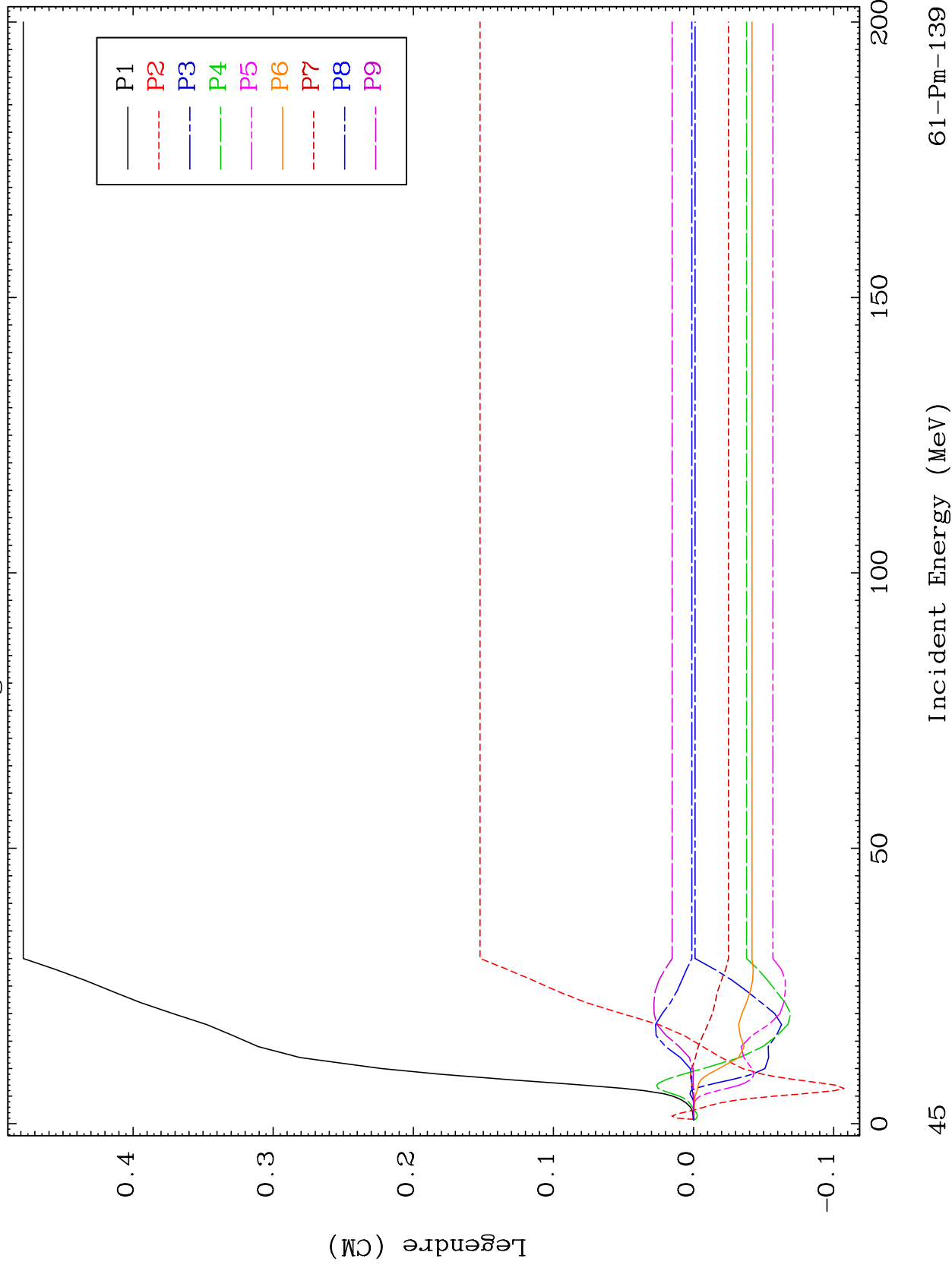
Incident Energy (MeV)

61-Pm-139

MAT 6125

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

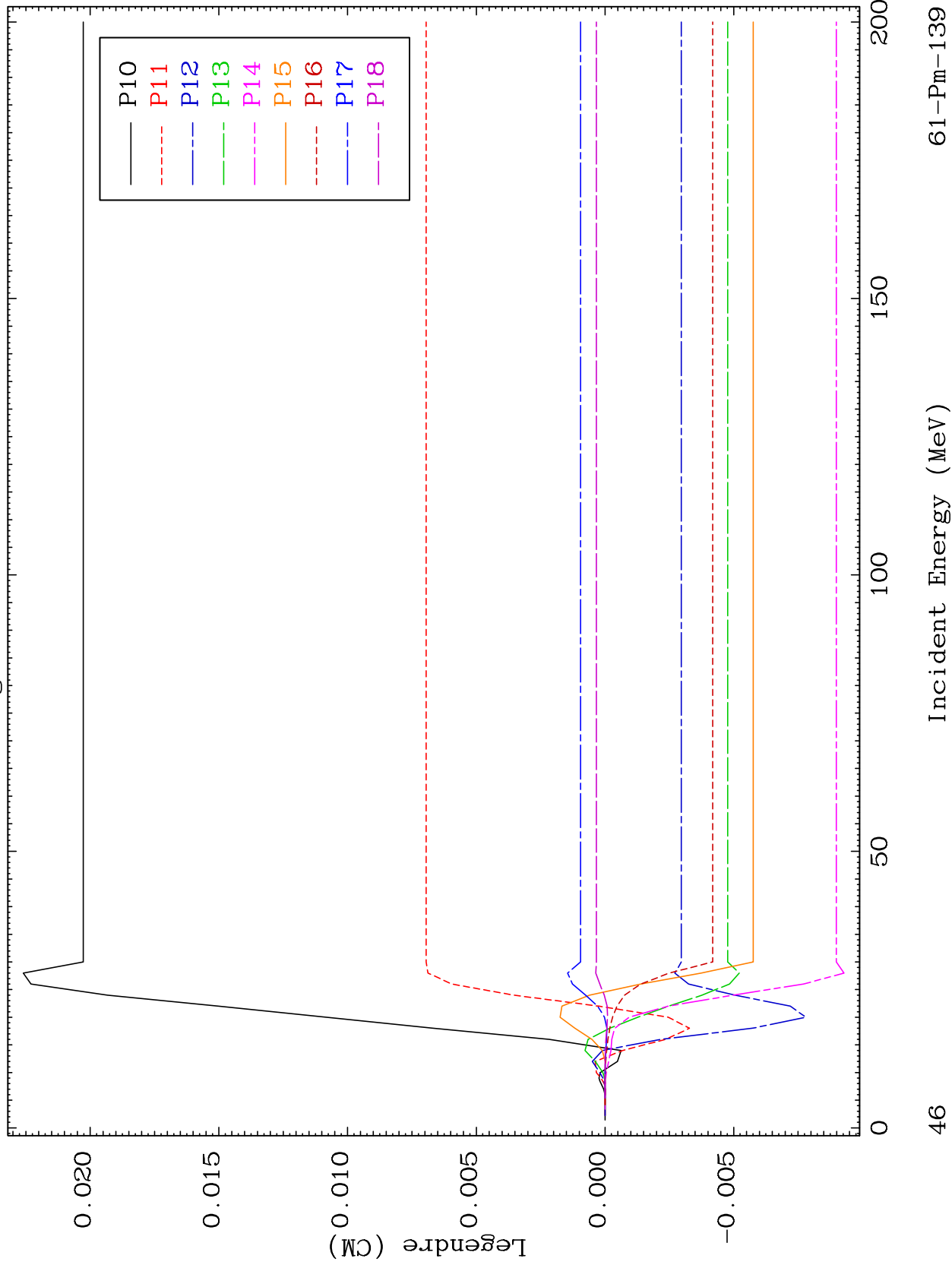
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MAT 6125

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

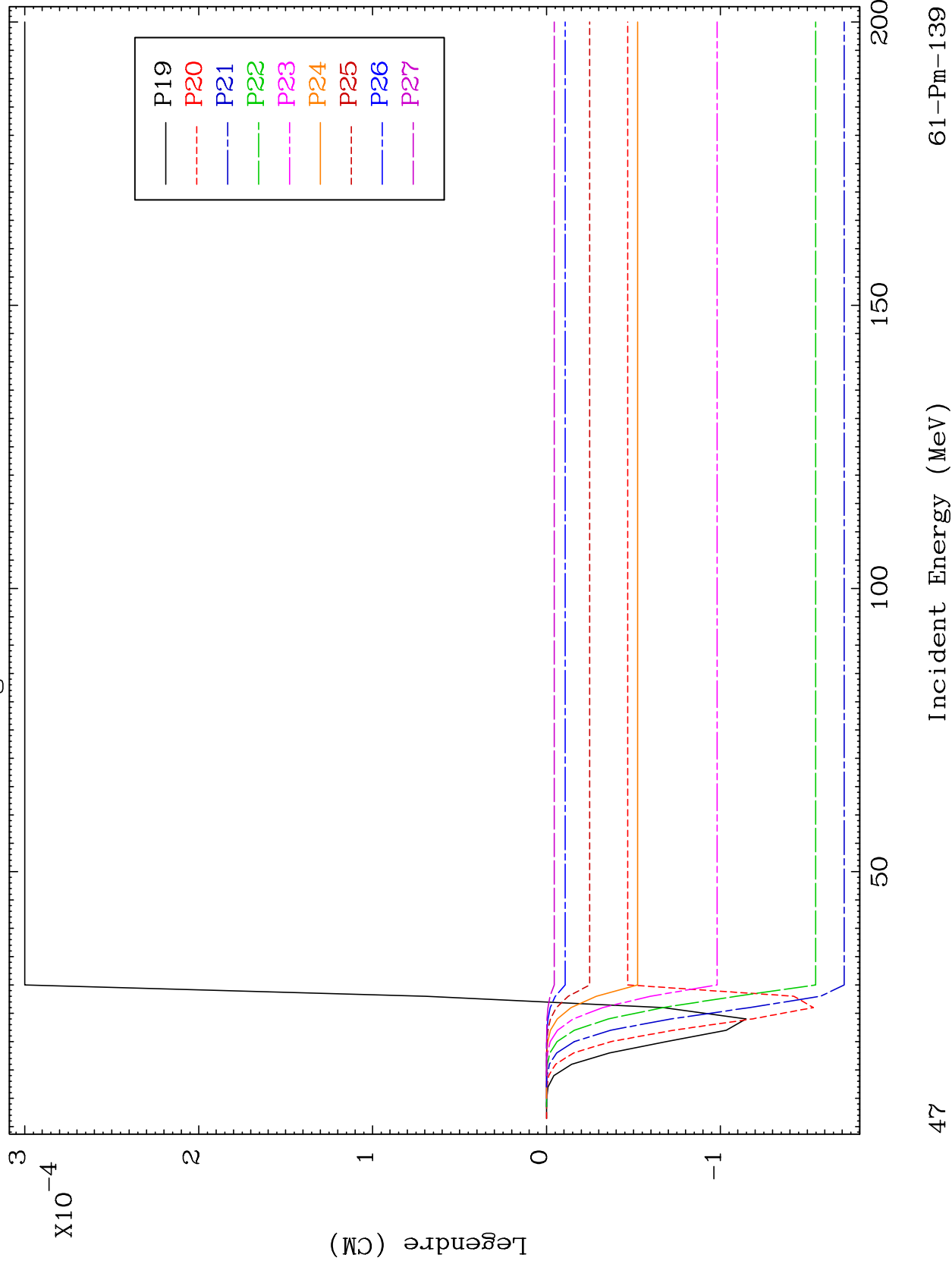
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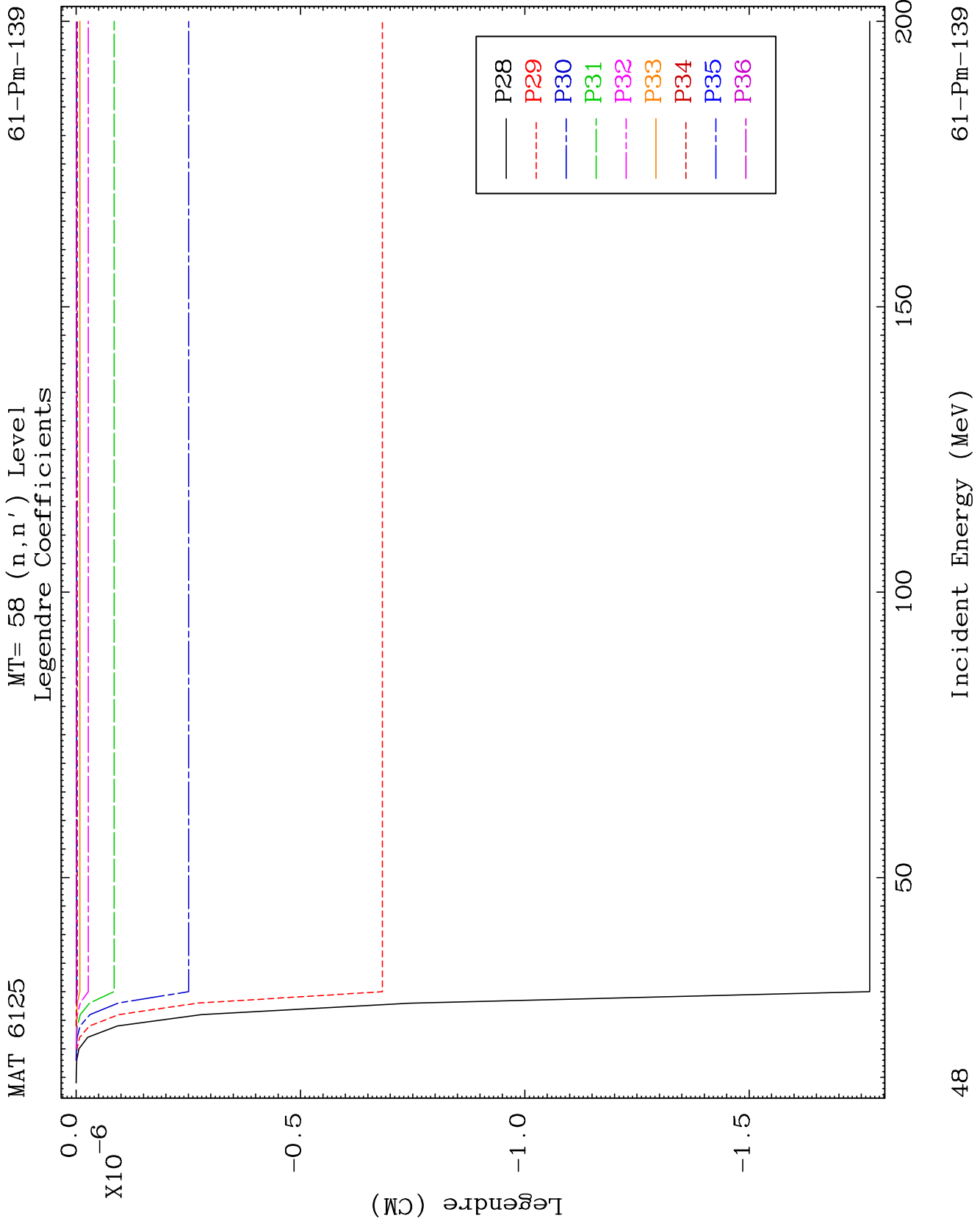


46

Incident Energy (MeV)

61-Pm-139

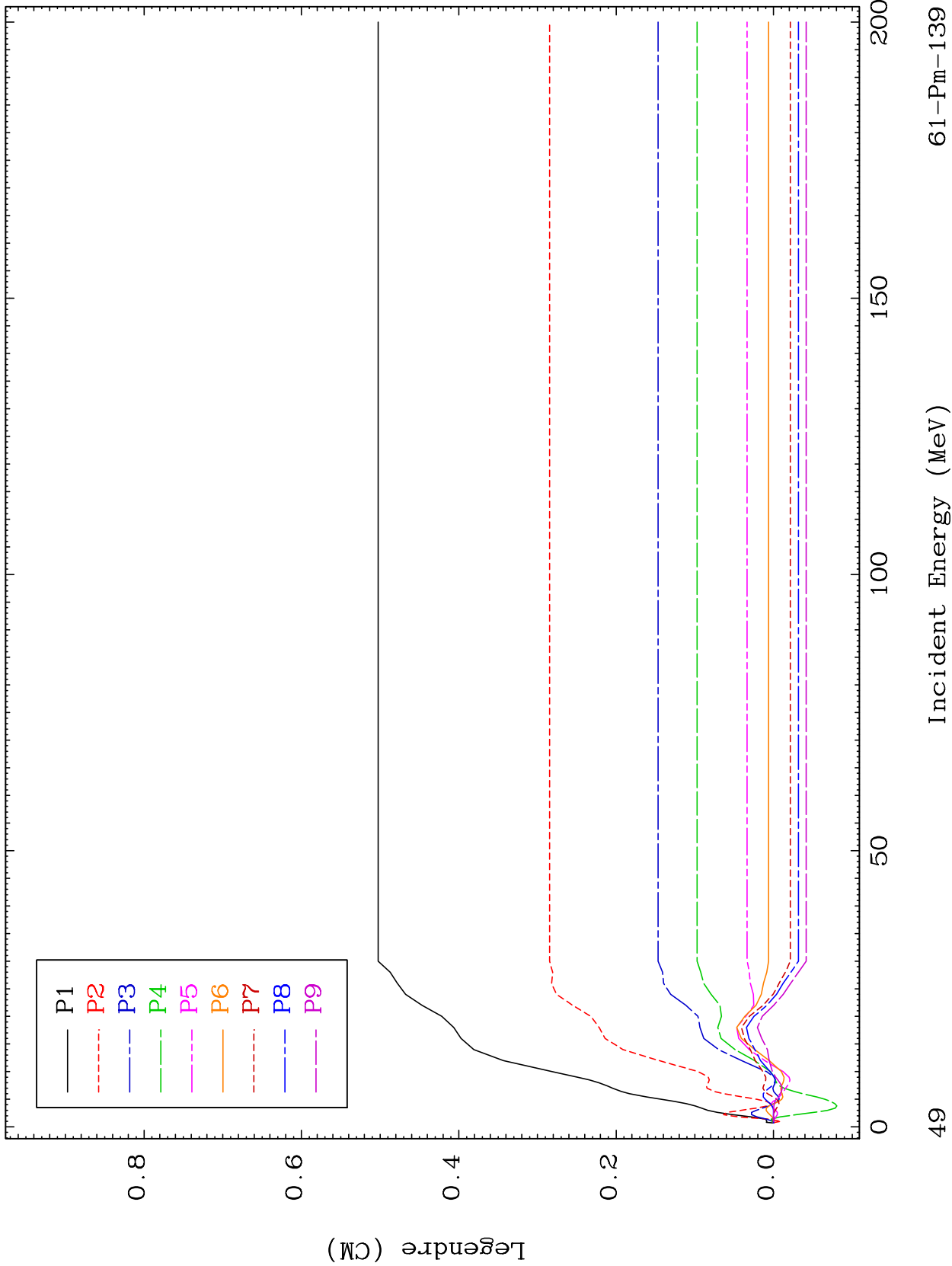




MAT 6125

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

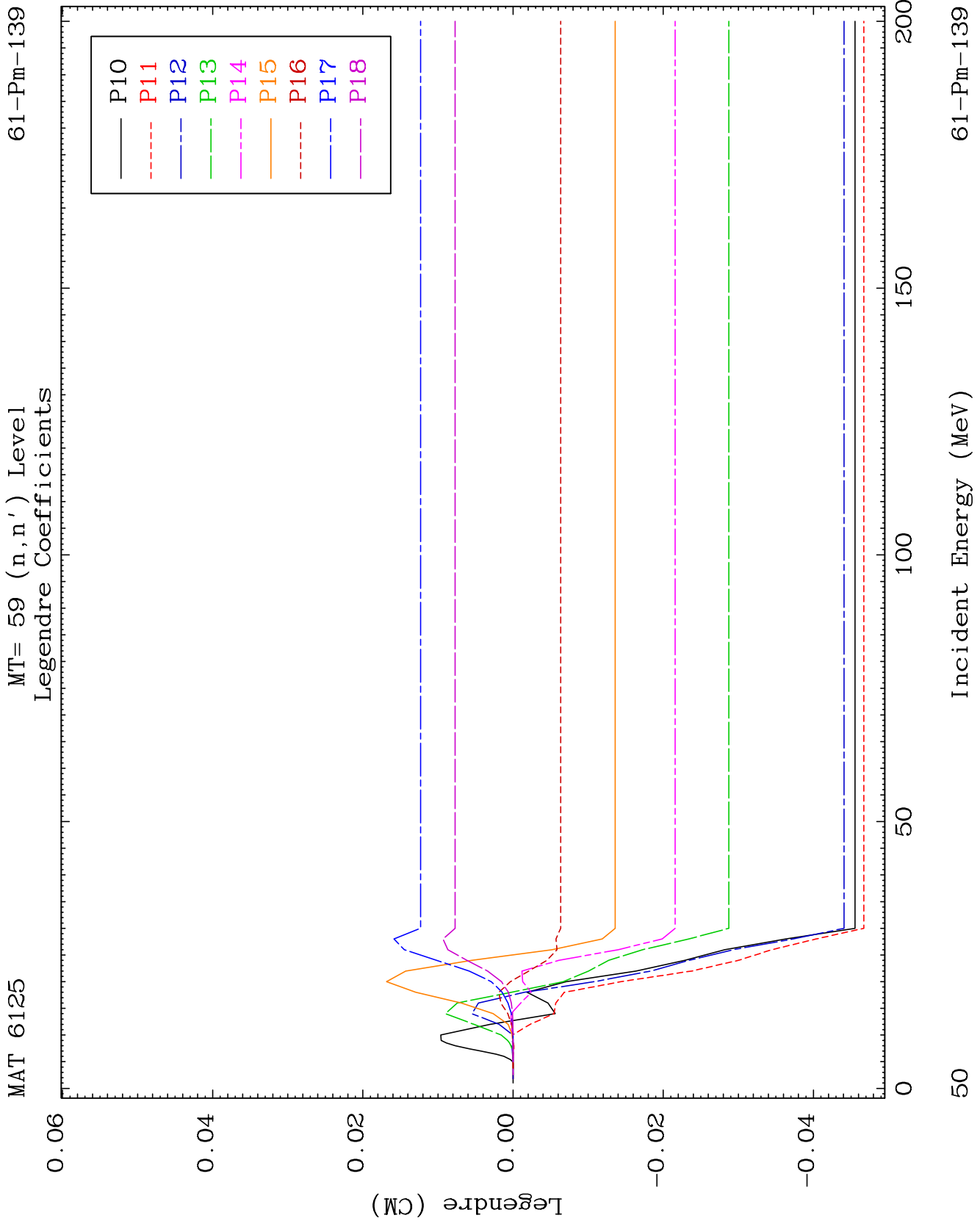
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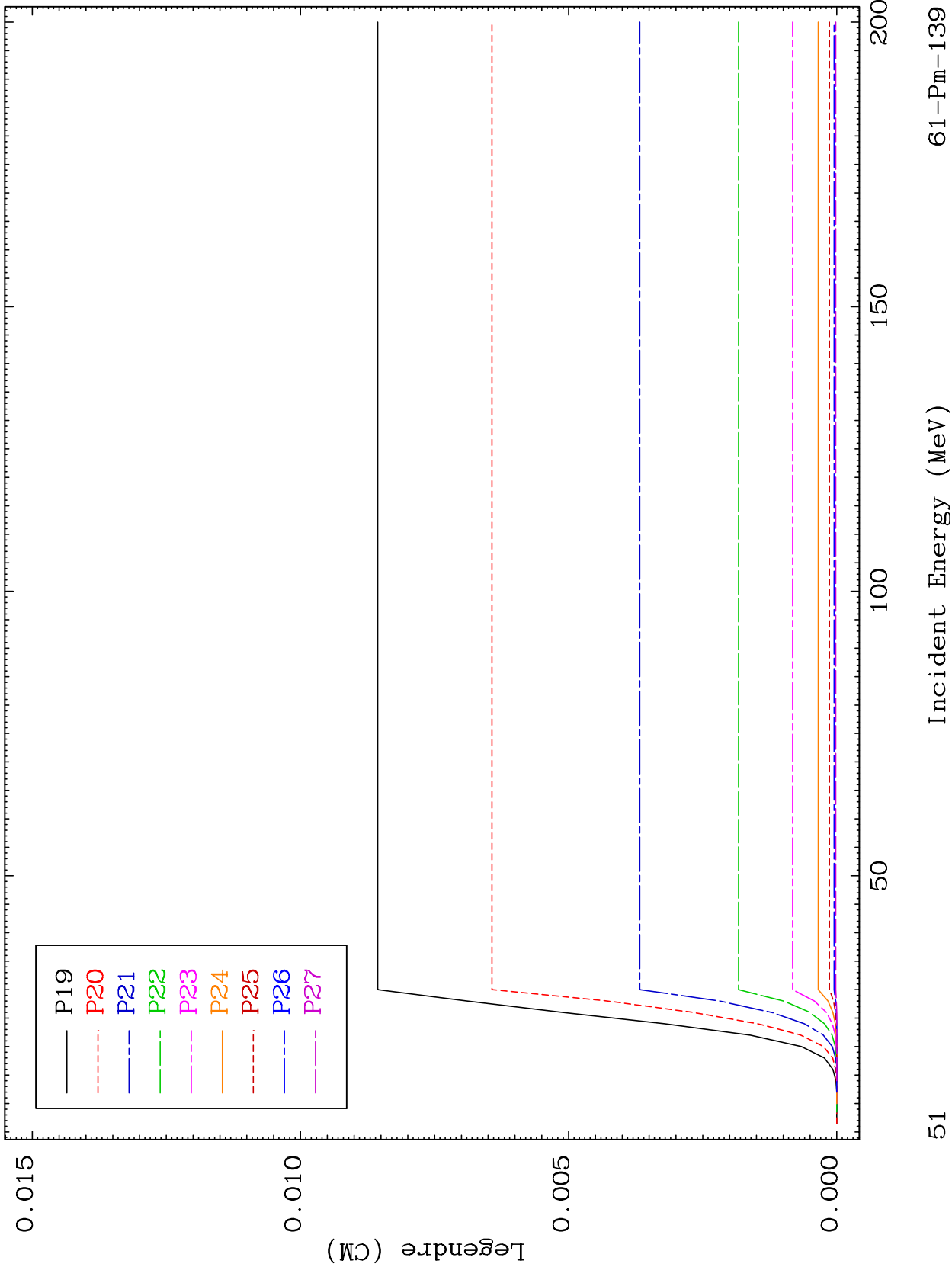


49

Incident Energy (MeV)

61-Pm-139

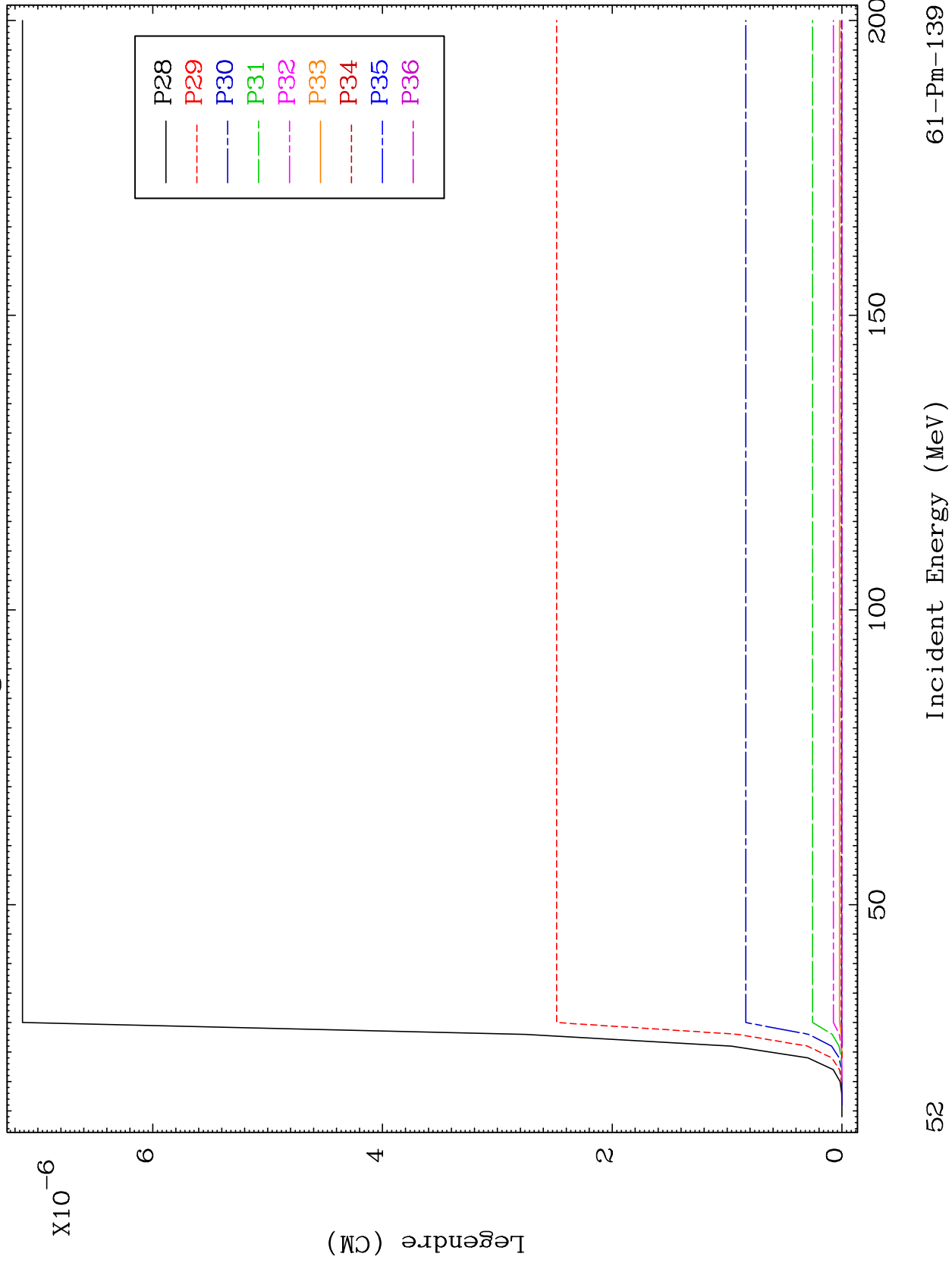




MAT 6125

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

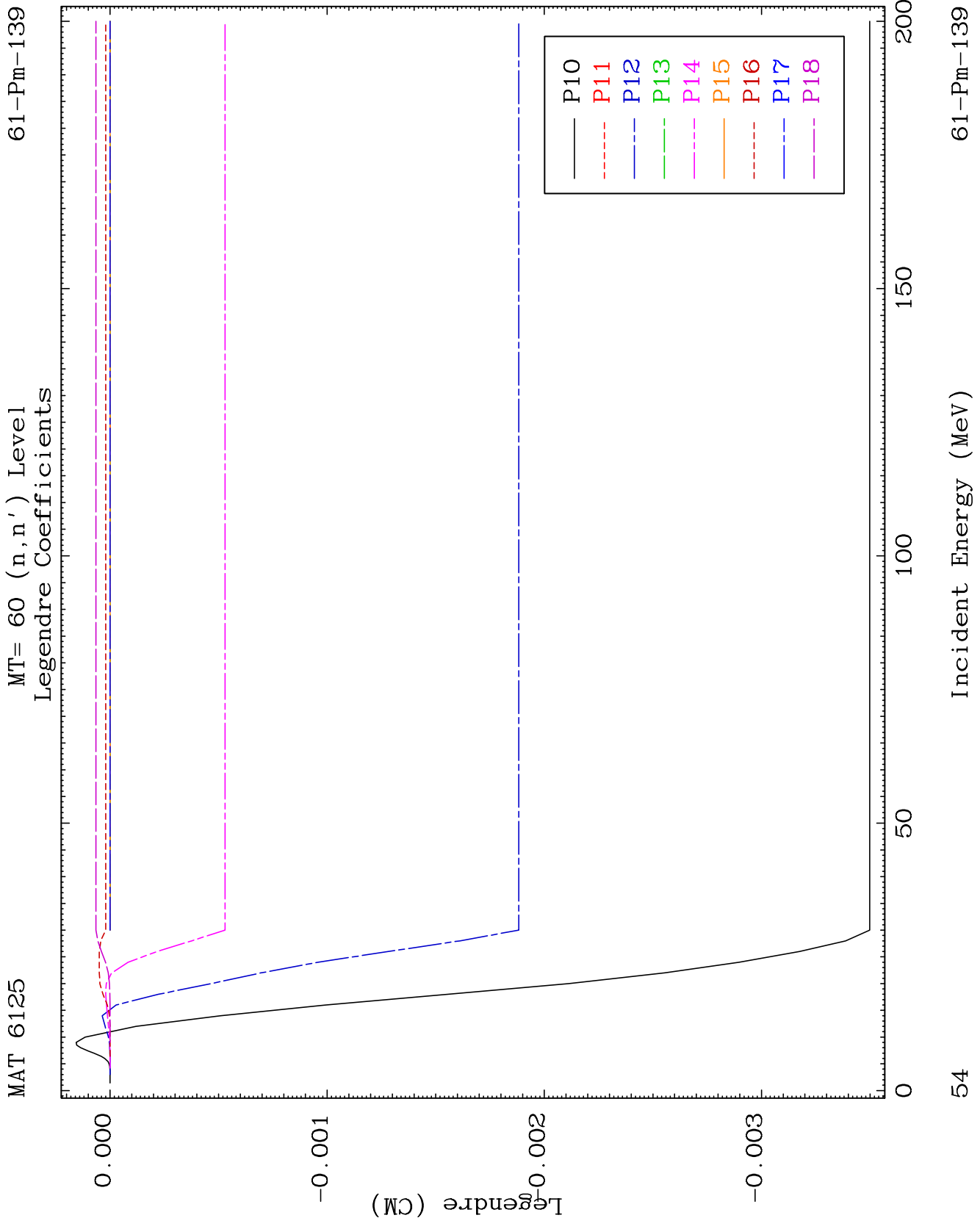
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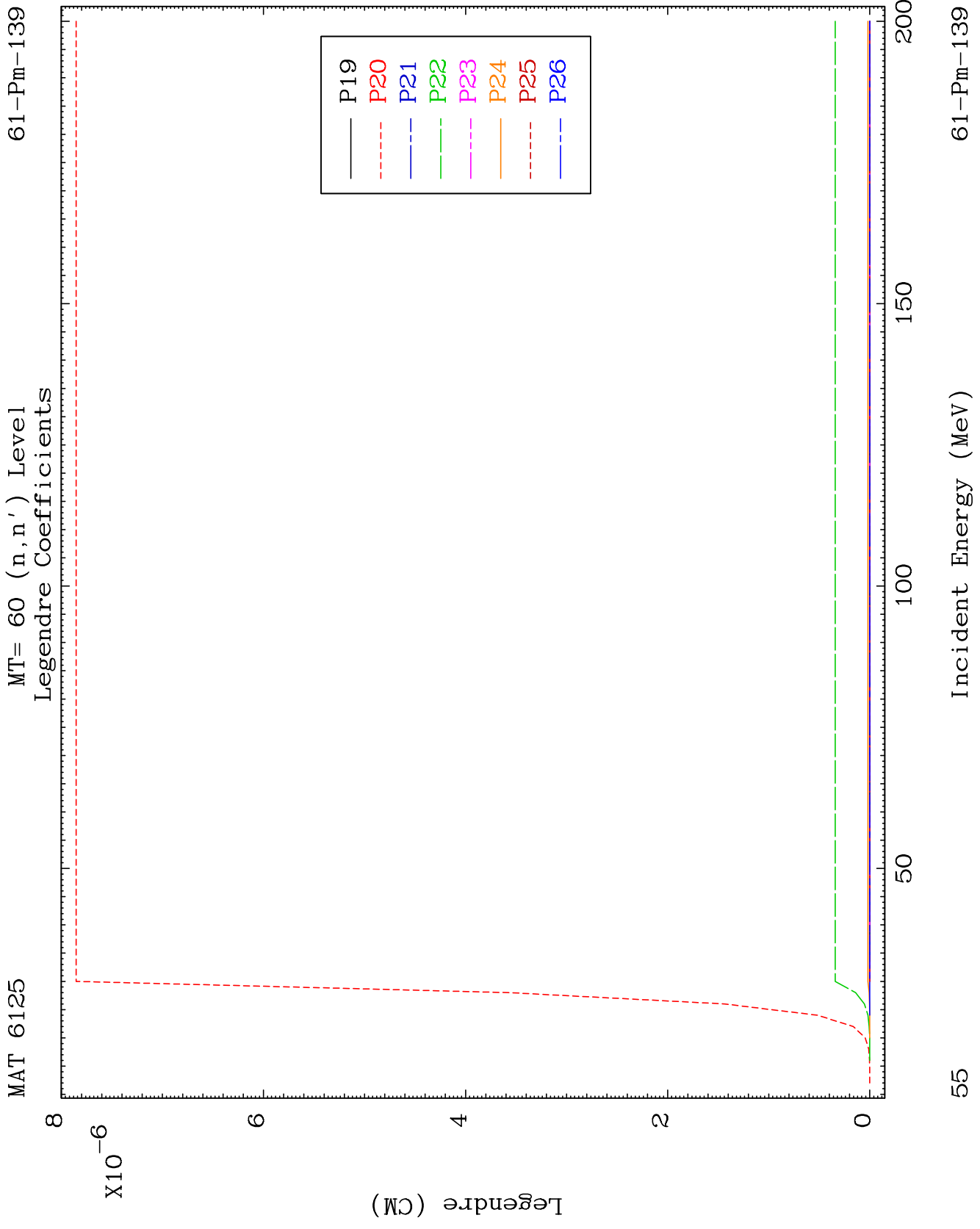


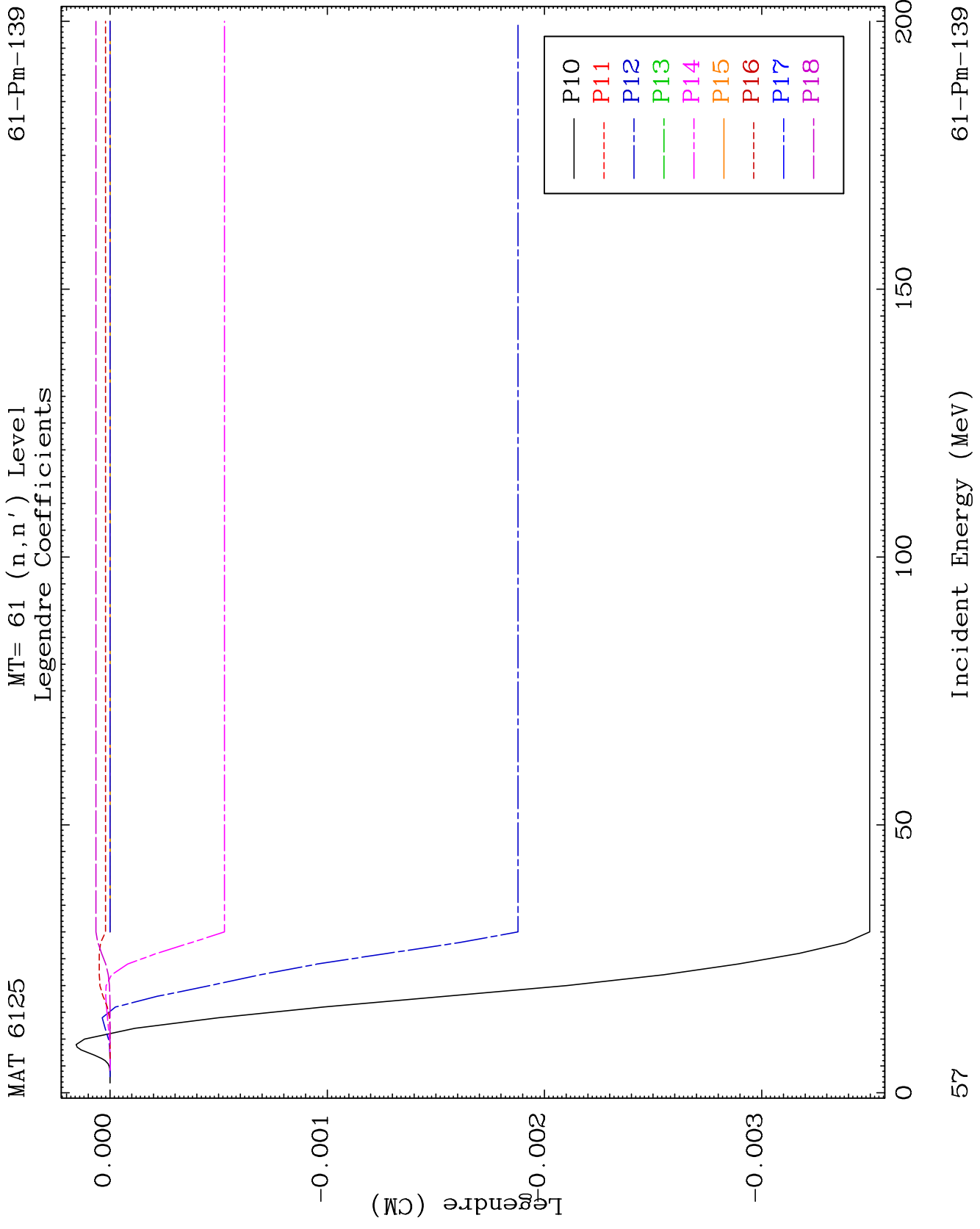
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Incident Energy (MeV)

61-Pm-139



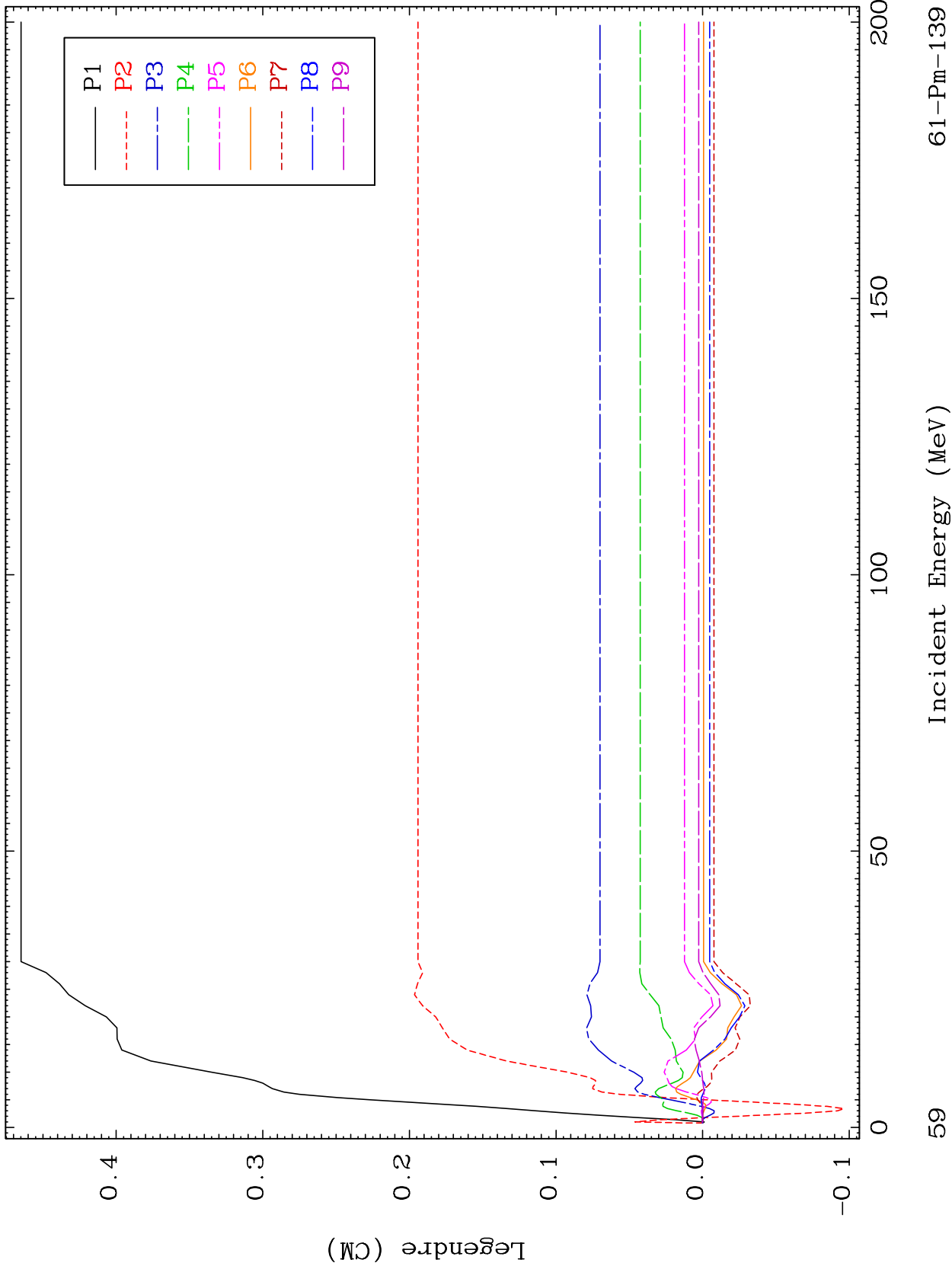




MAT 6125

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

61-Pm-139



61-Pm-139

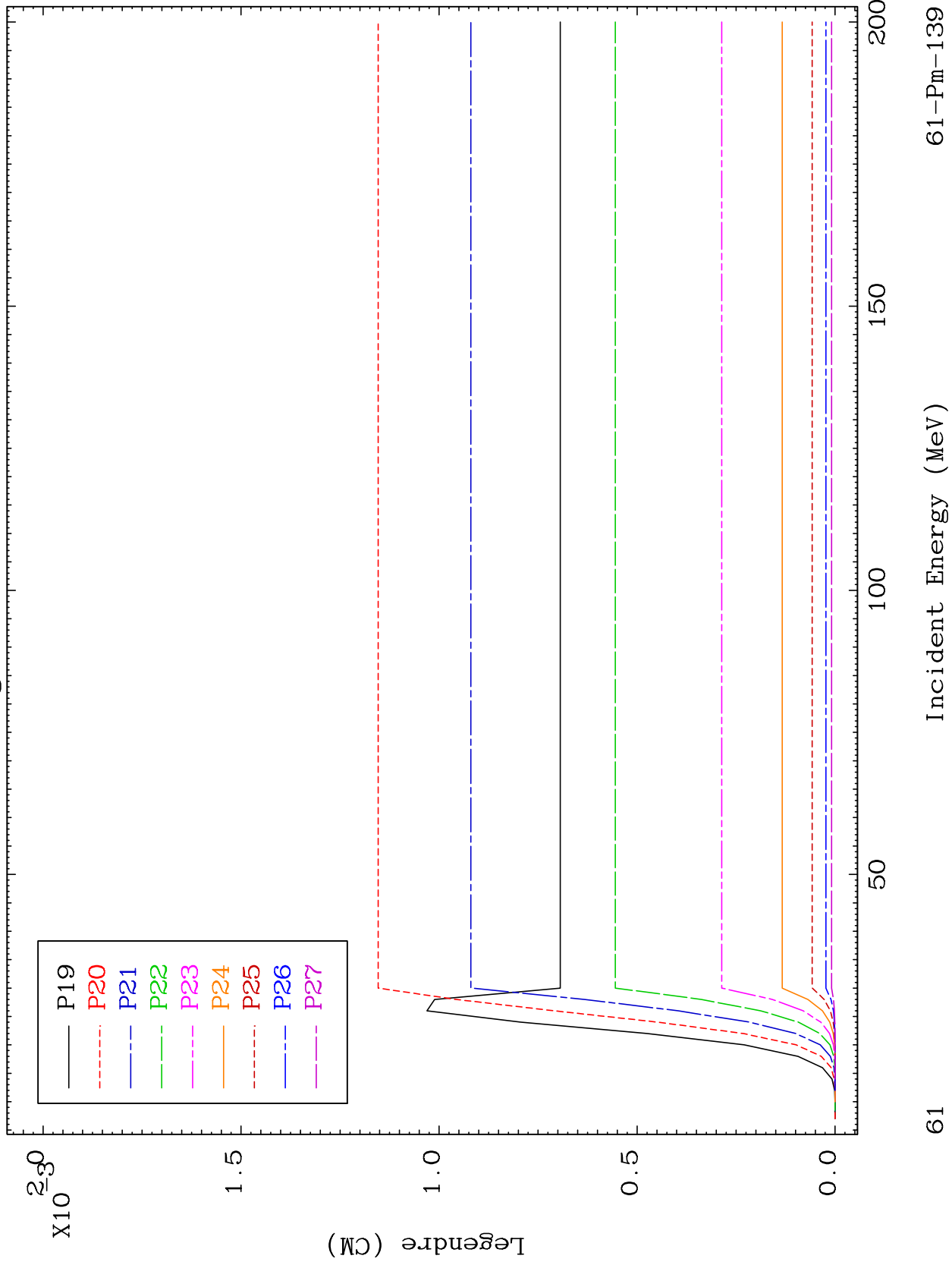
Incident Energy (MeV)

59

MAT 6125

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

61-Pm-139

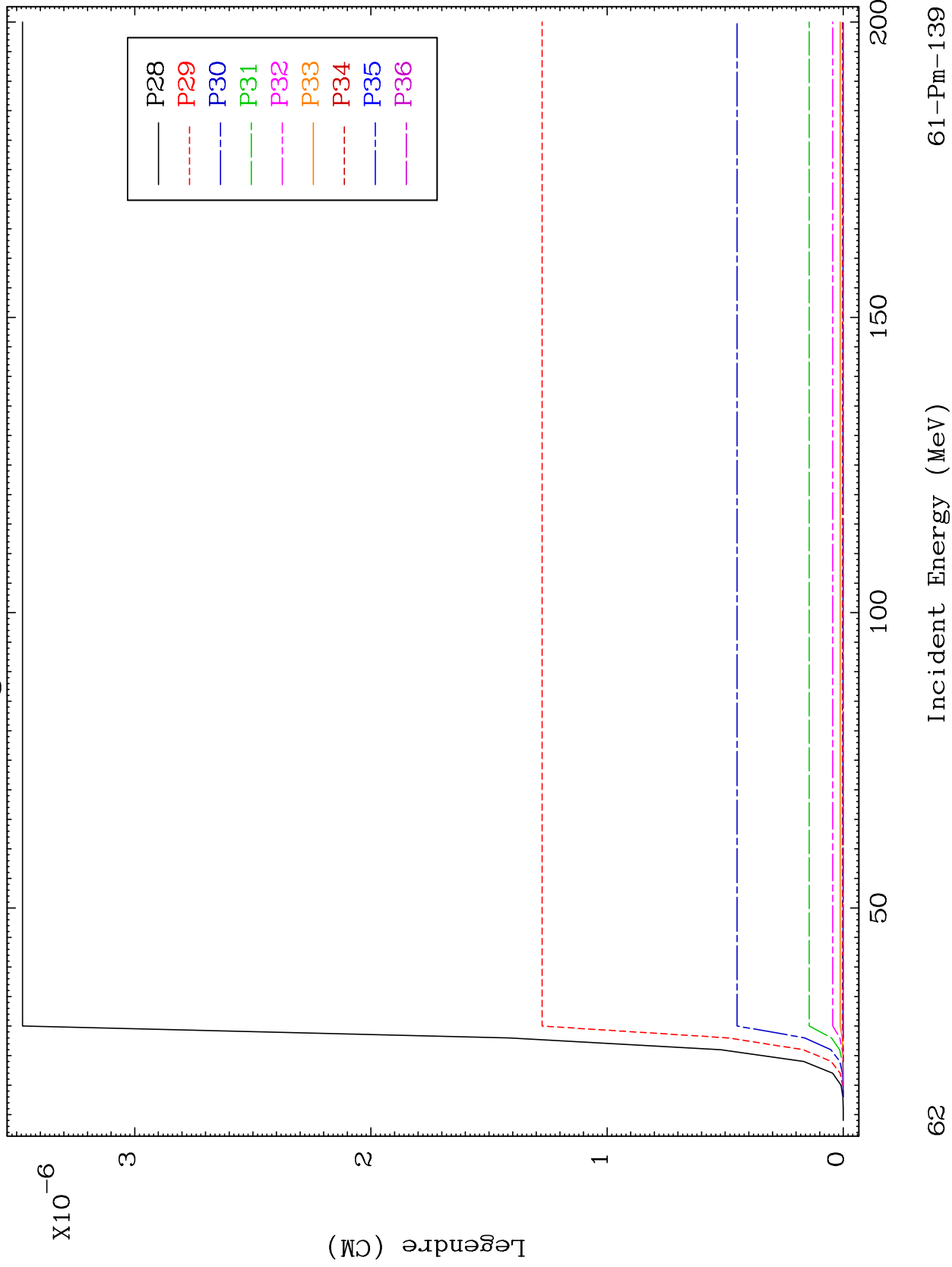


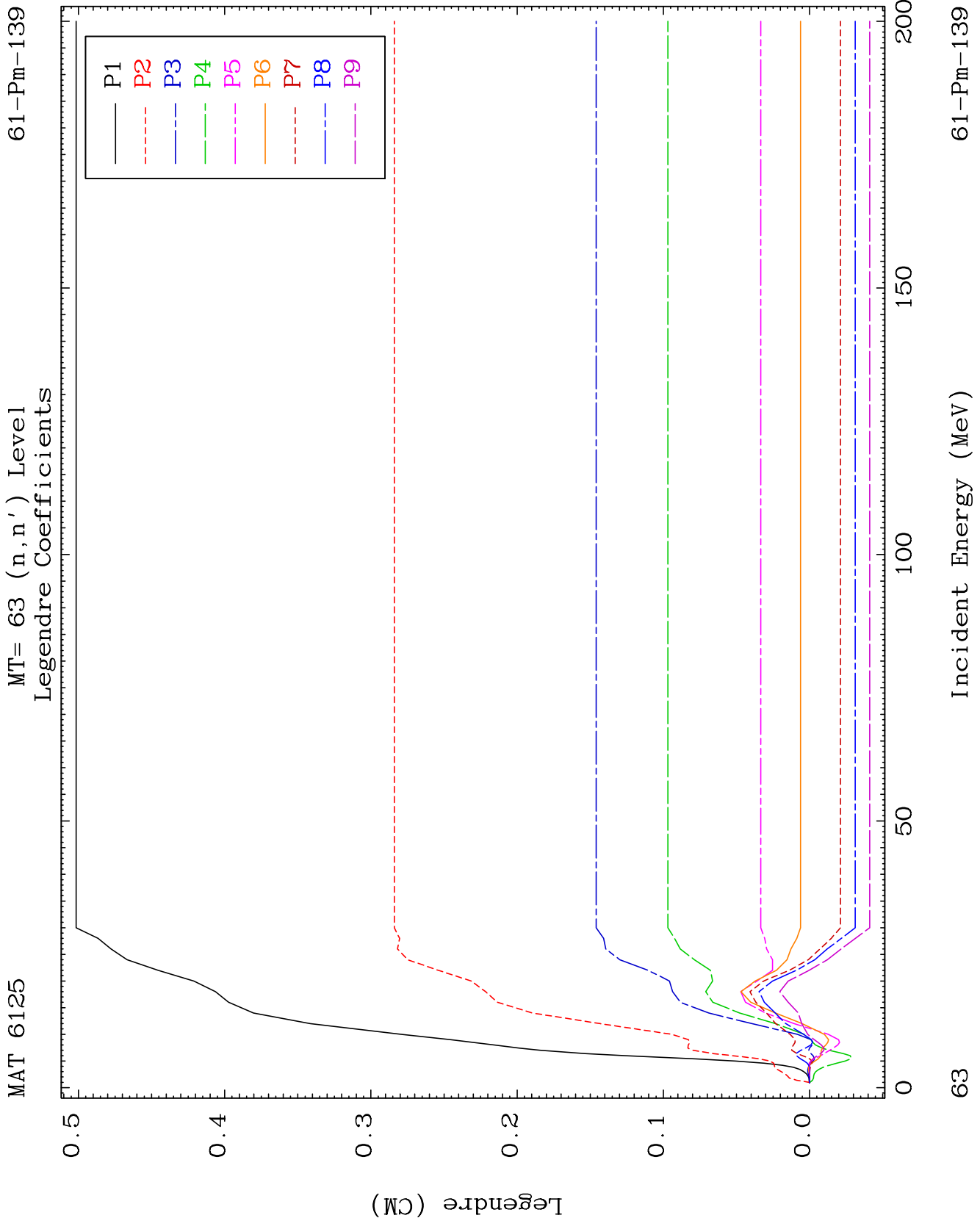
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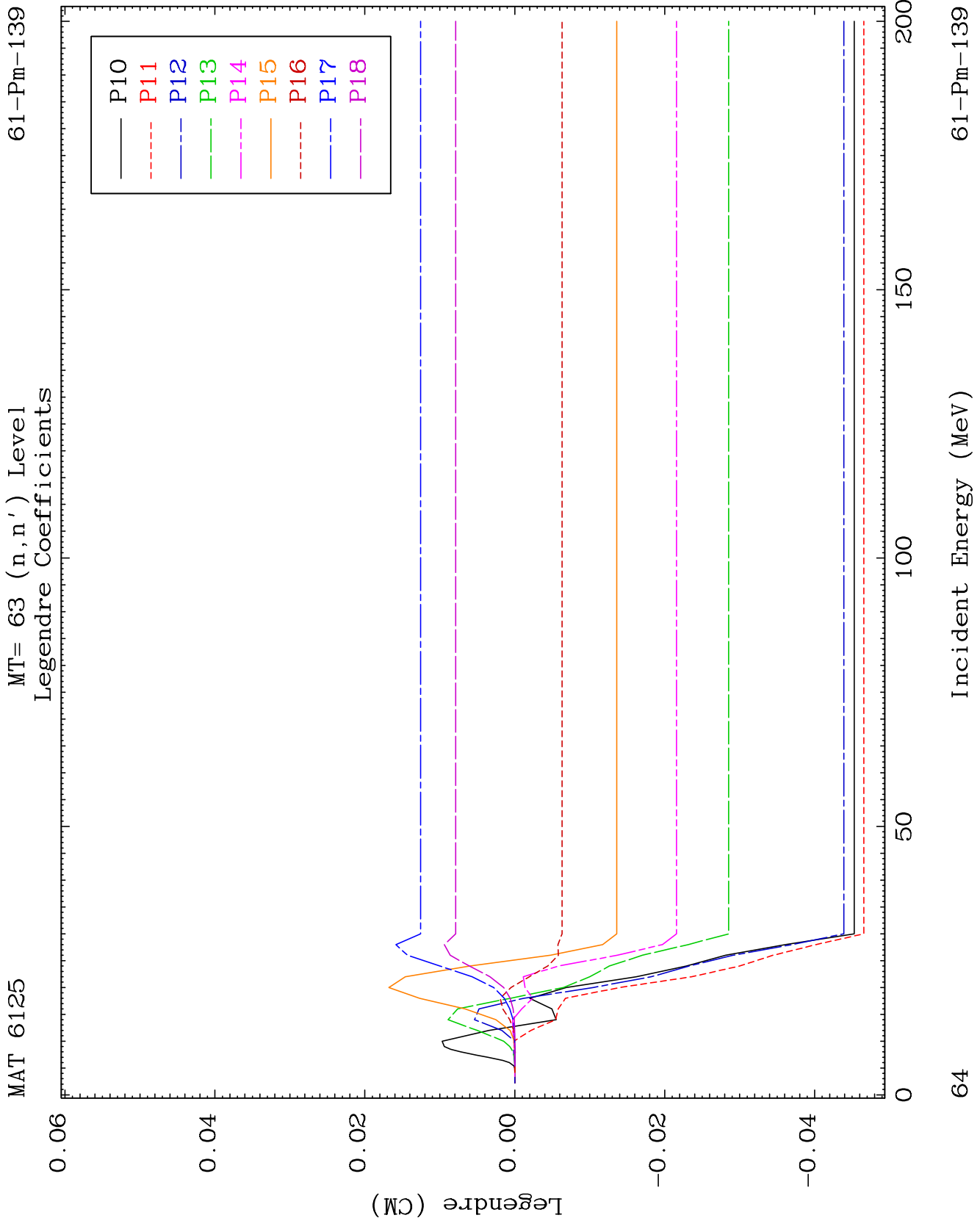
MAT 6125

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

61-Pm-139



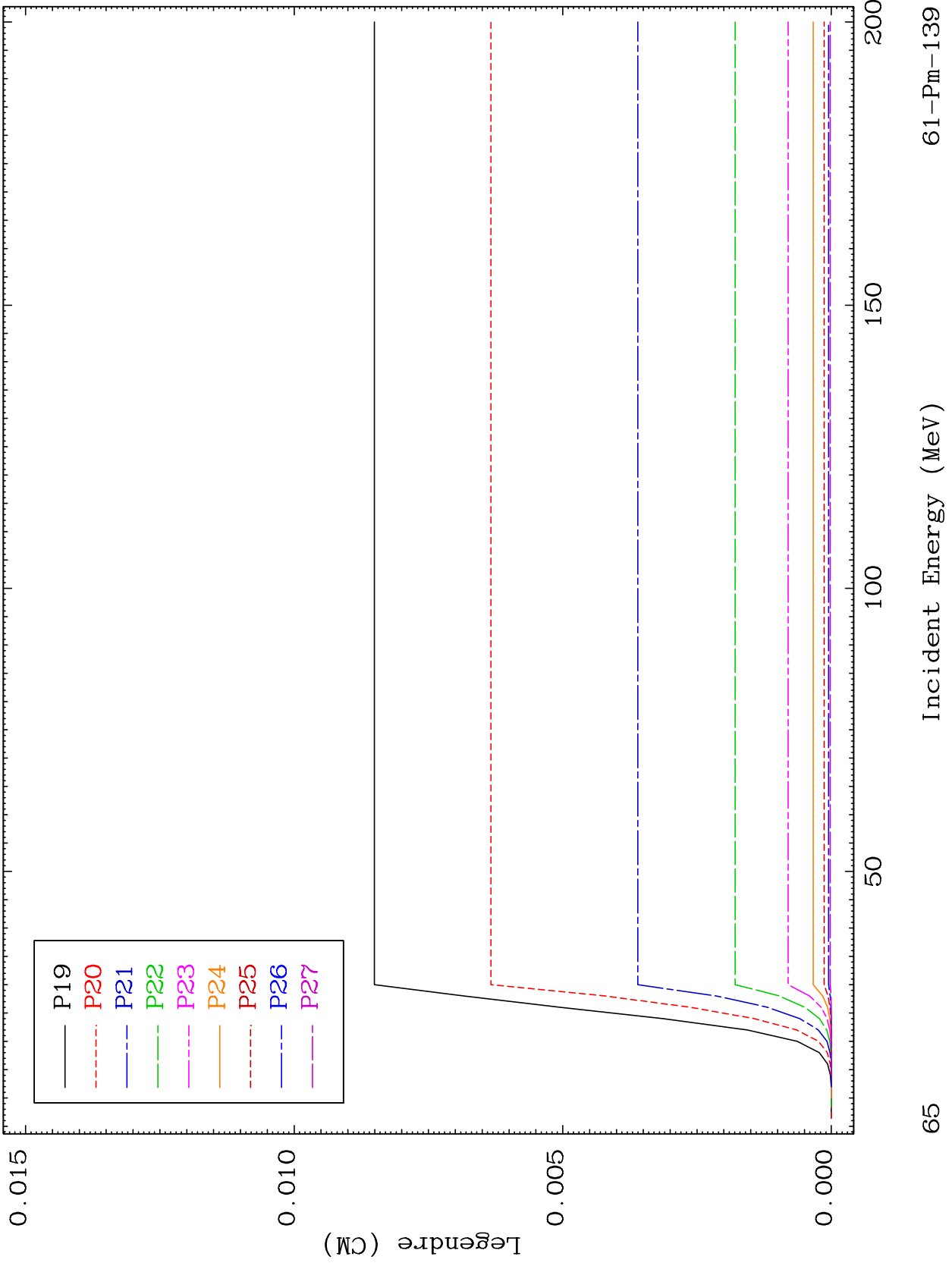




MAT 6125

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

61-Pm-139



65

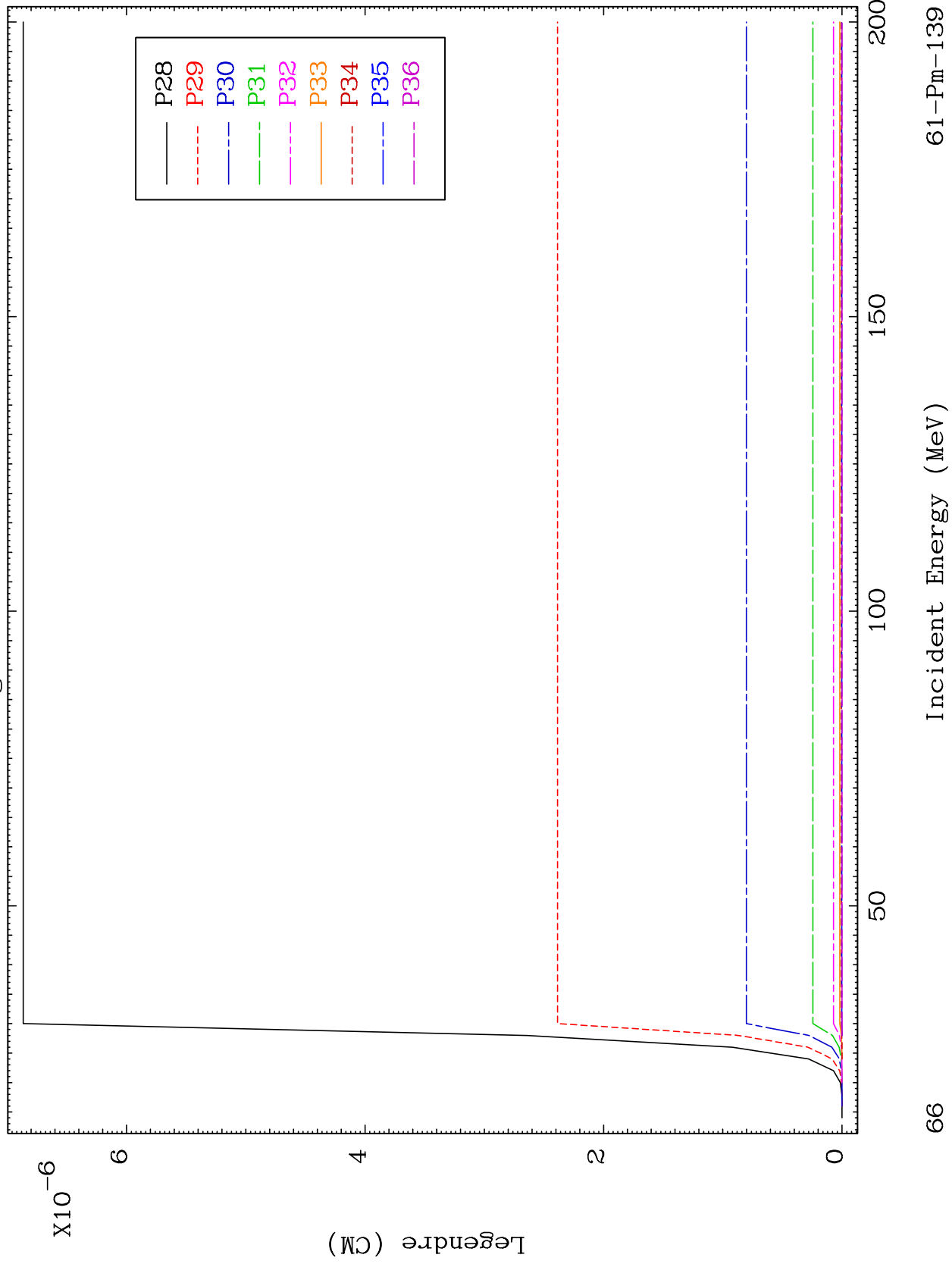
Incident Energy (MeV)

61-Pm-139

MAT 6125

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

61-Pm-139



66

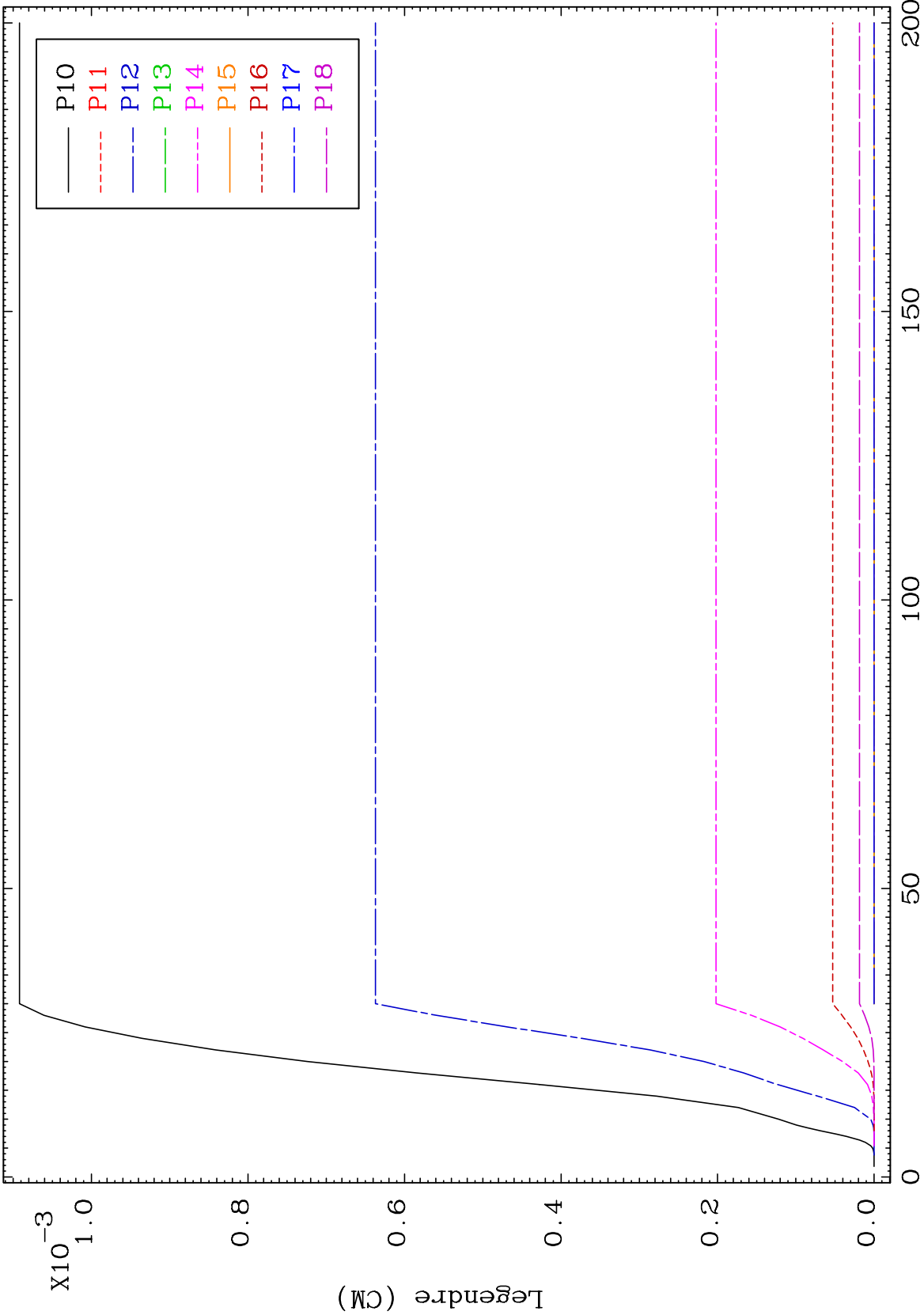
Incident Energy (MeV)

61-Pm-139

MAT 6125

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

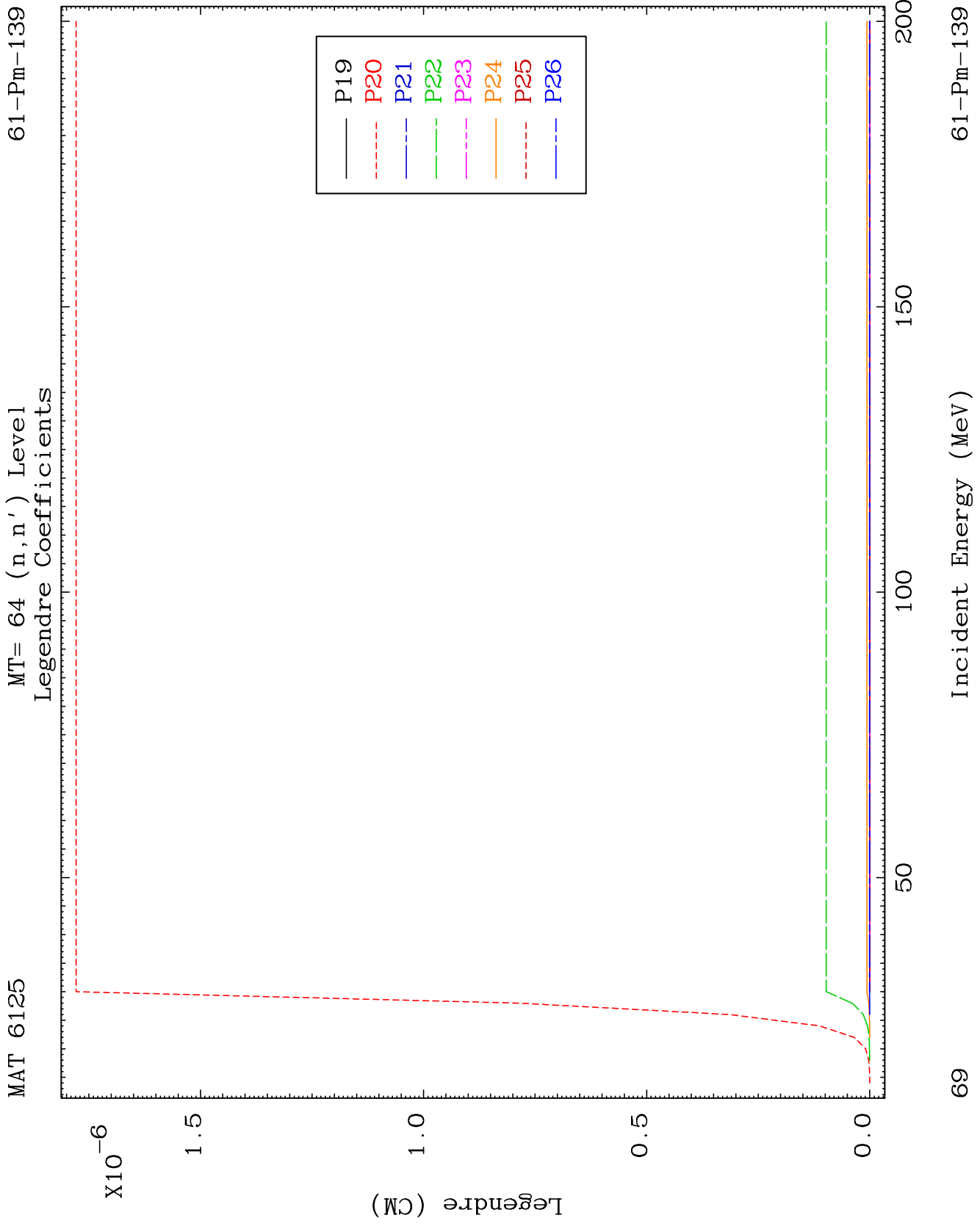
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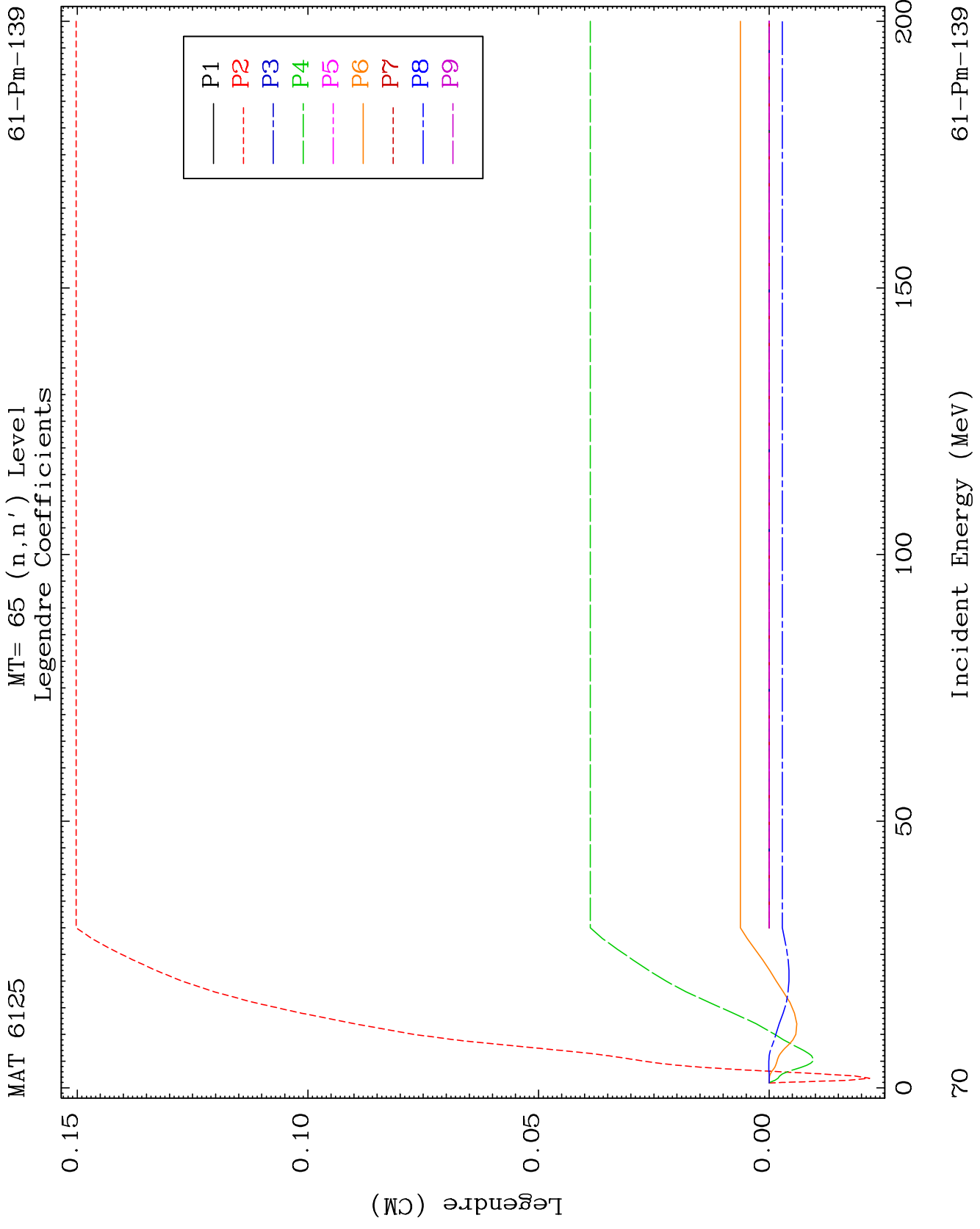


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Incident Energy (MeV)

61-Pm-139

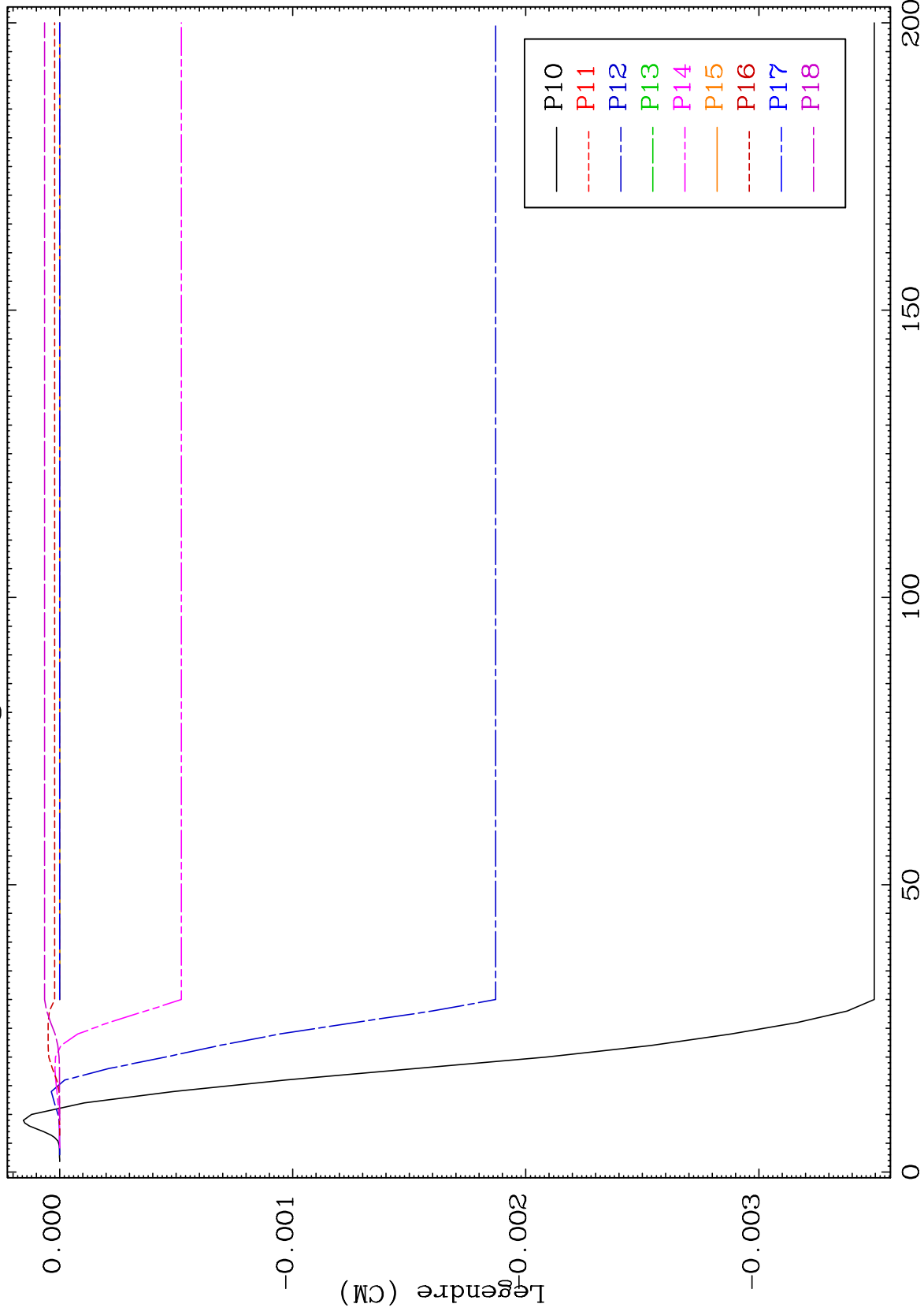




MAT 6125

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

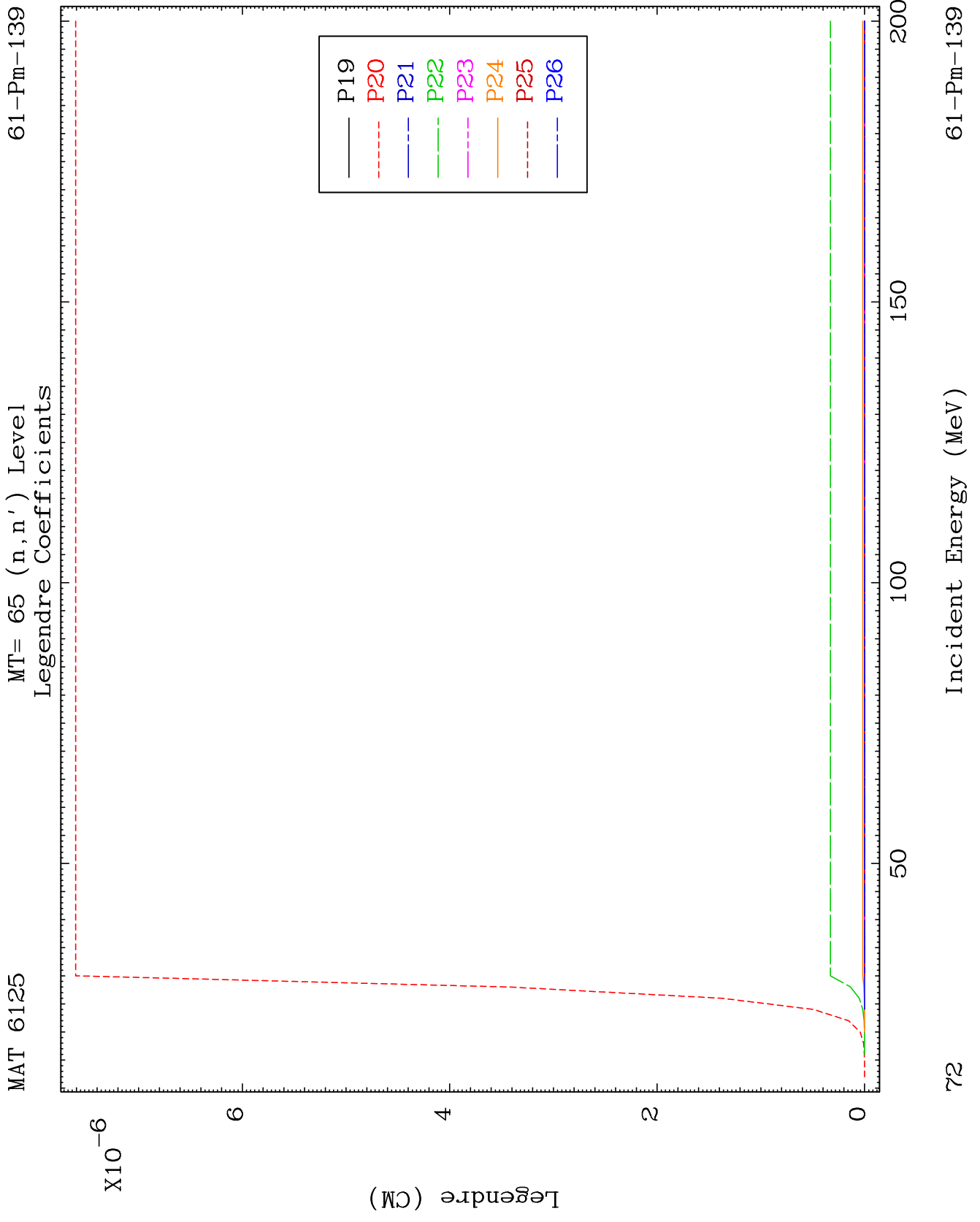
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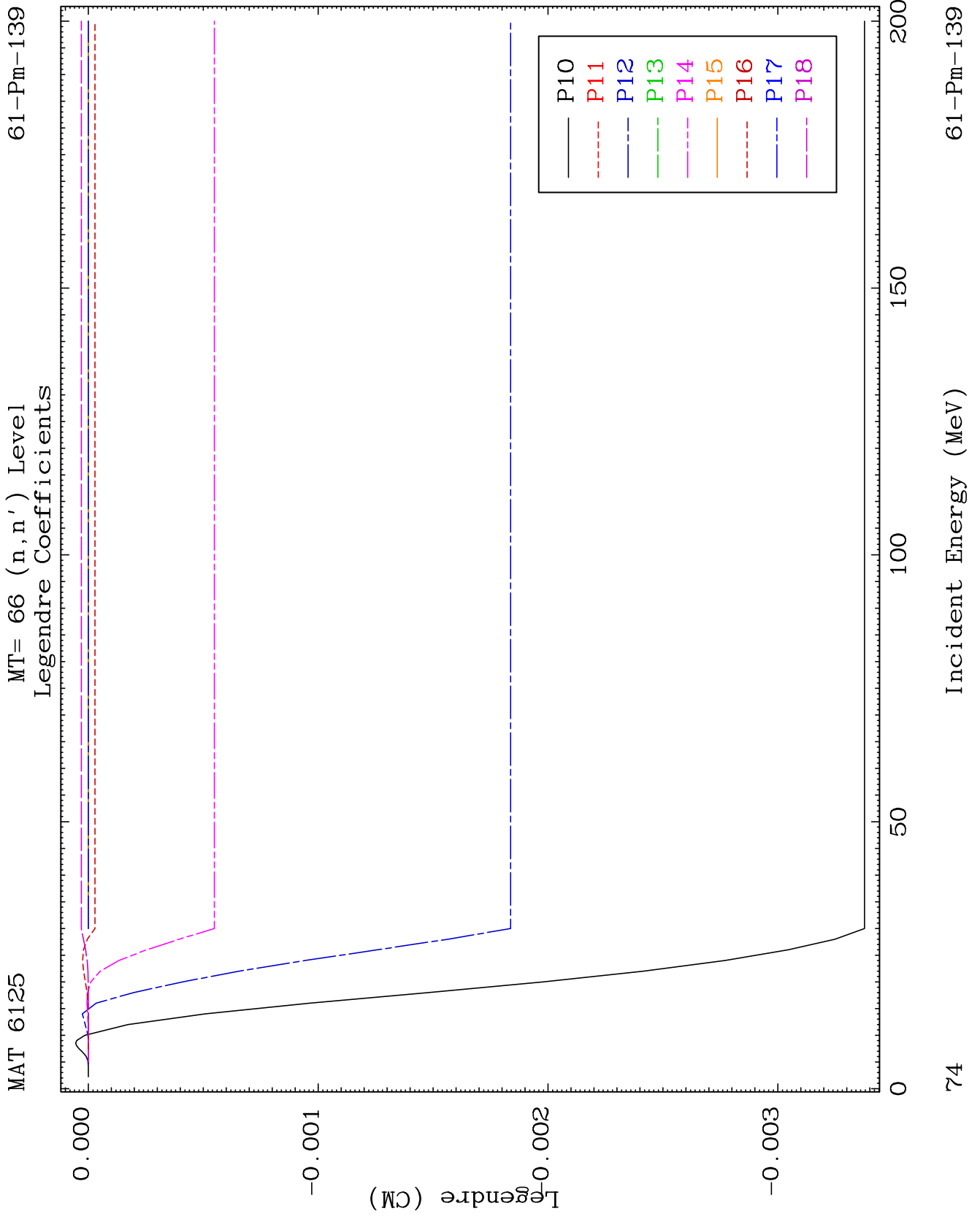


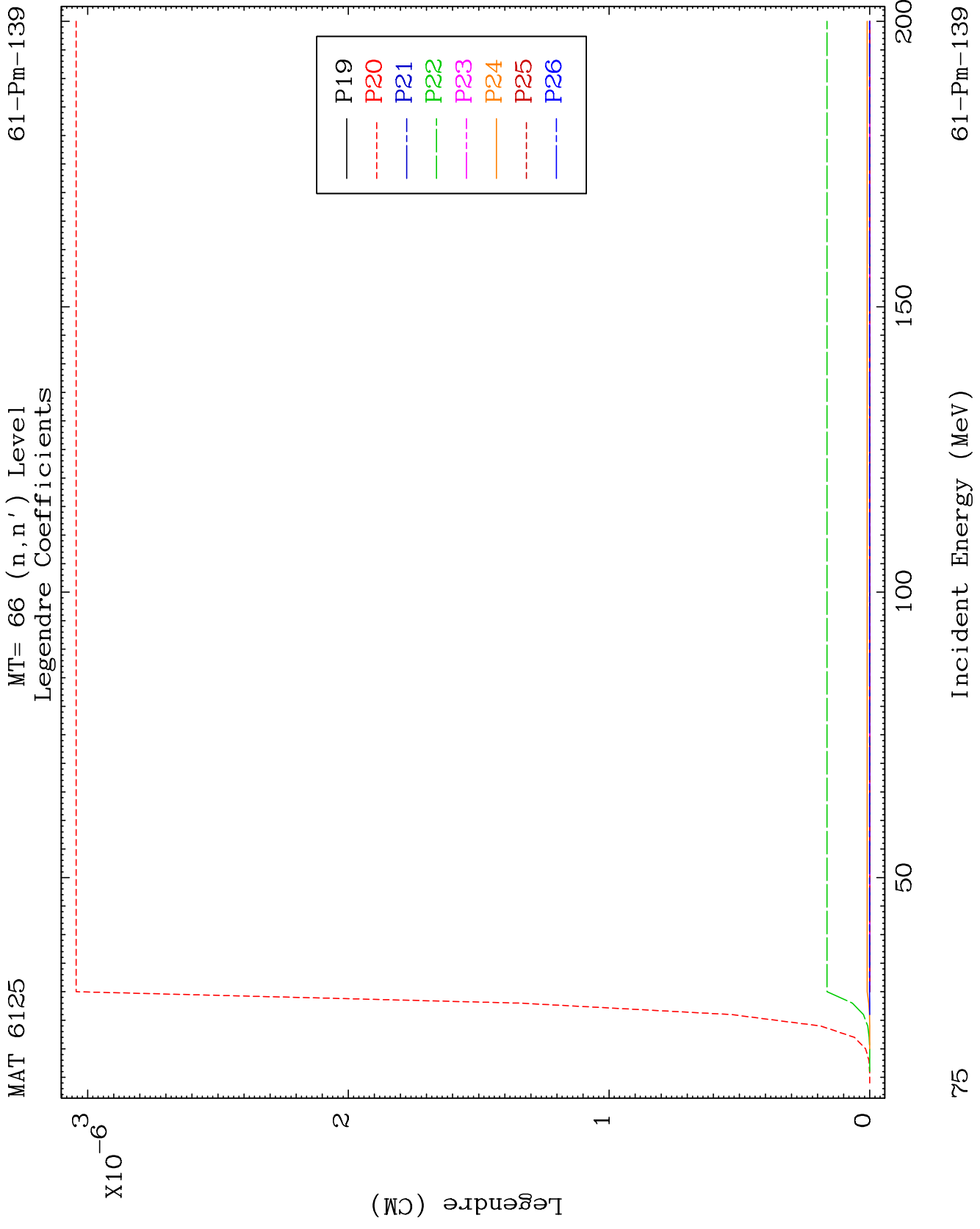
71

Incident Energy (MeV)

61-Pm-139



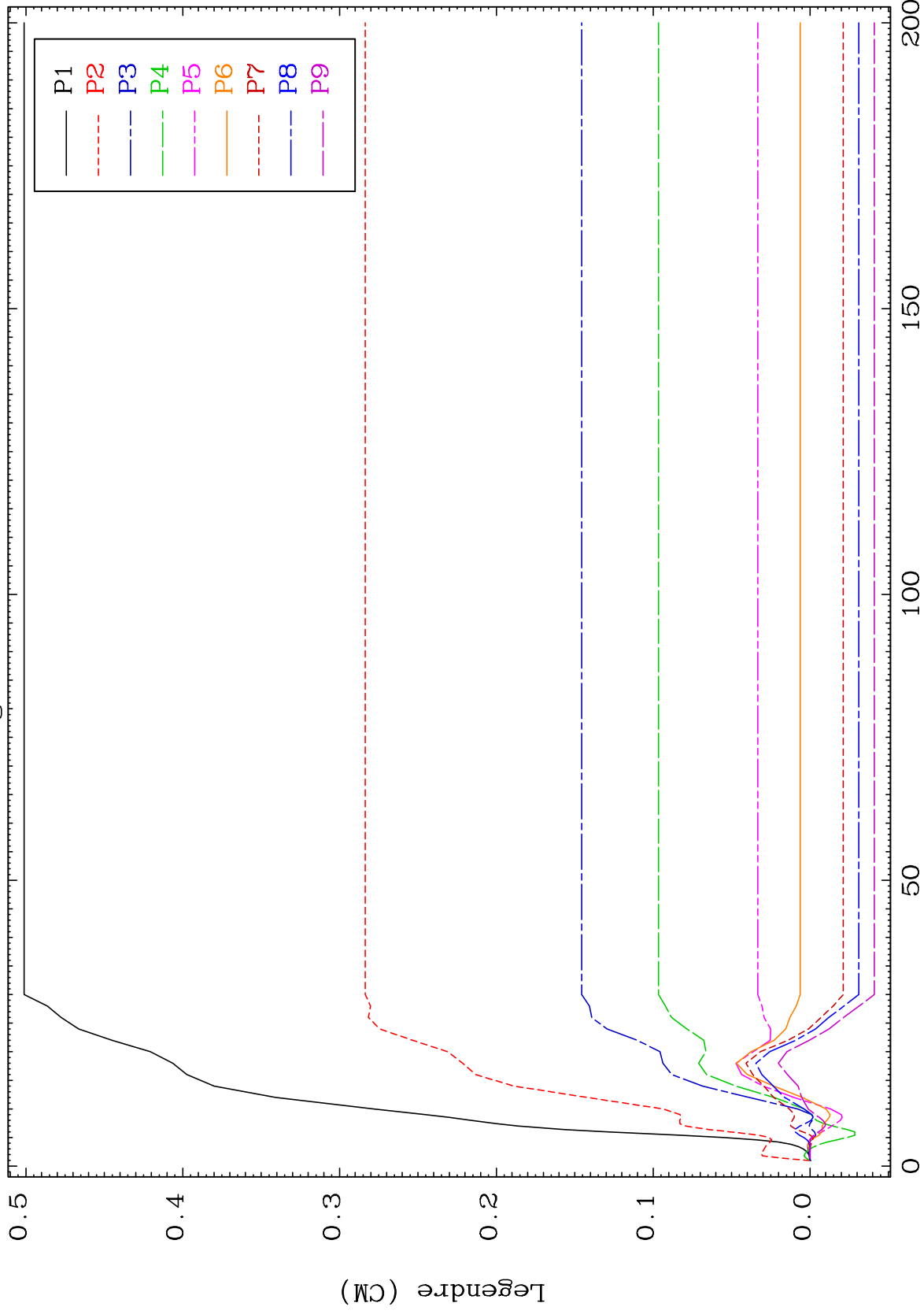




MAT 6125

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

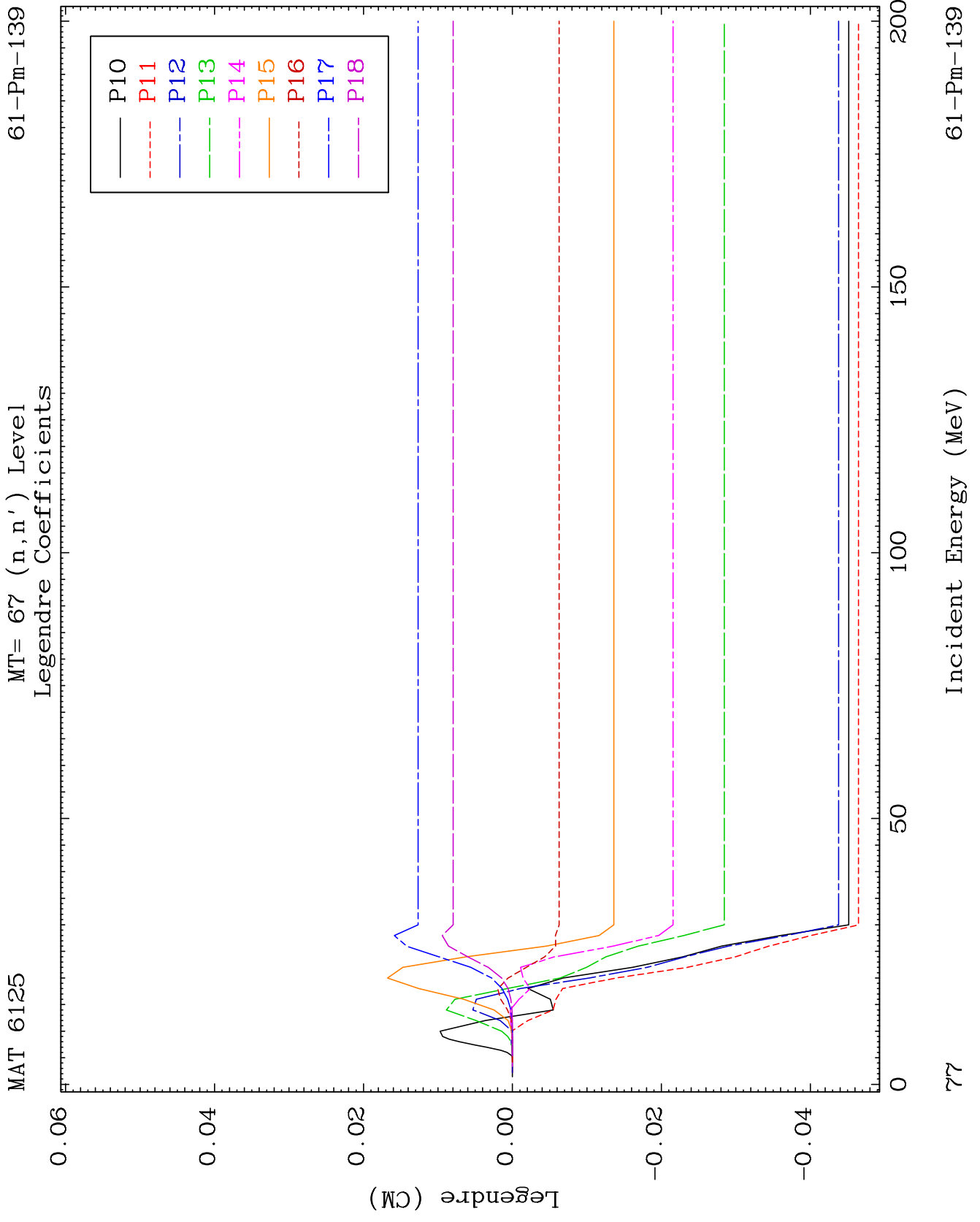
61-Pm-139



76

Incident Energy (MeV)

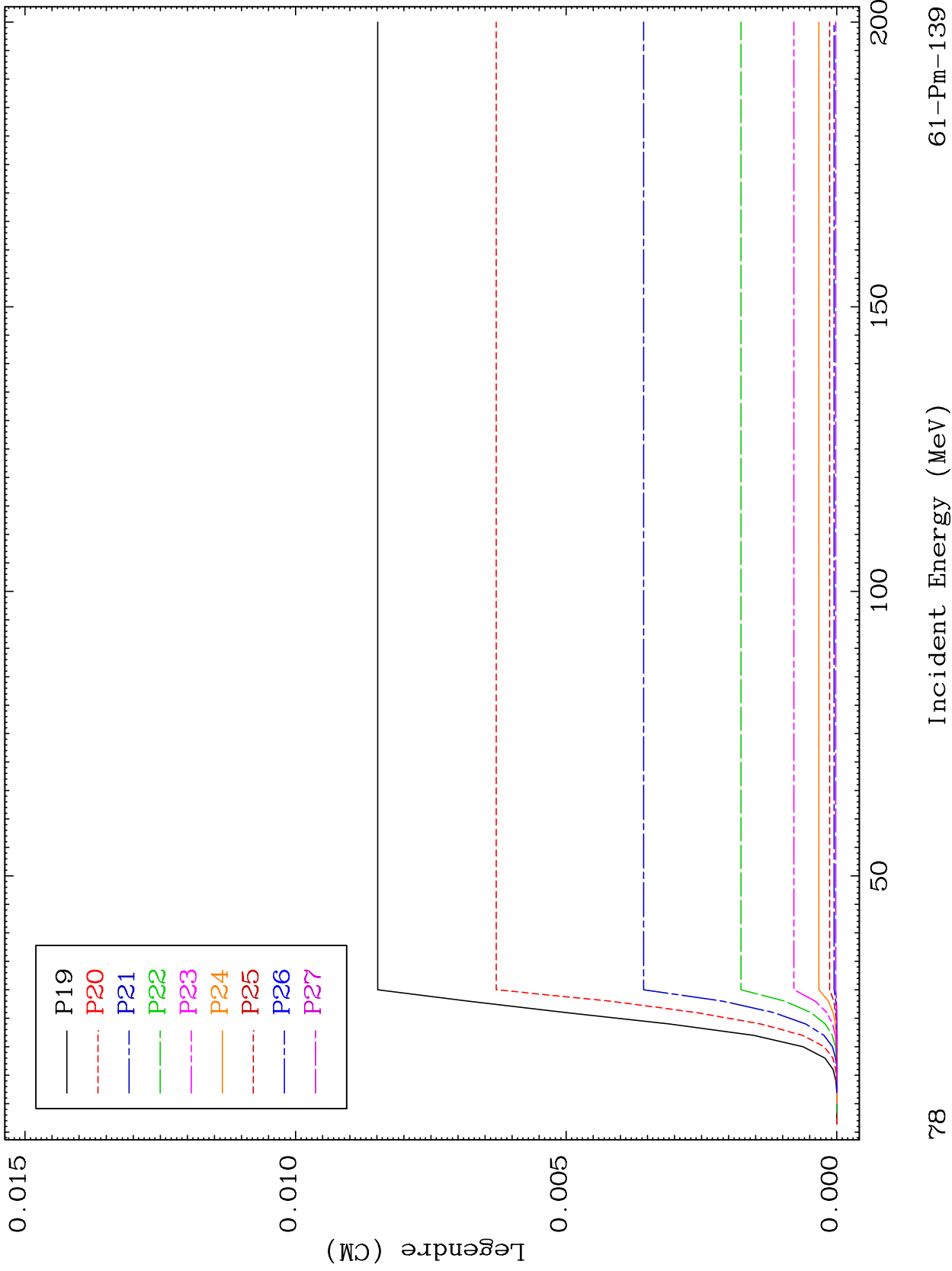
61-Pm-139



MAT 6125

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

61-Pm-139



78

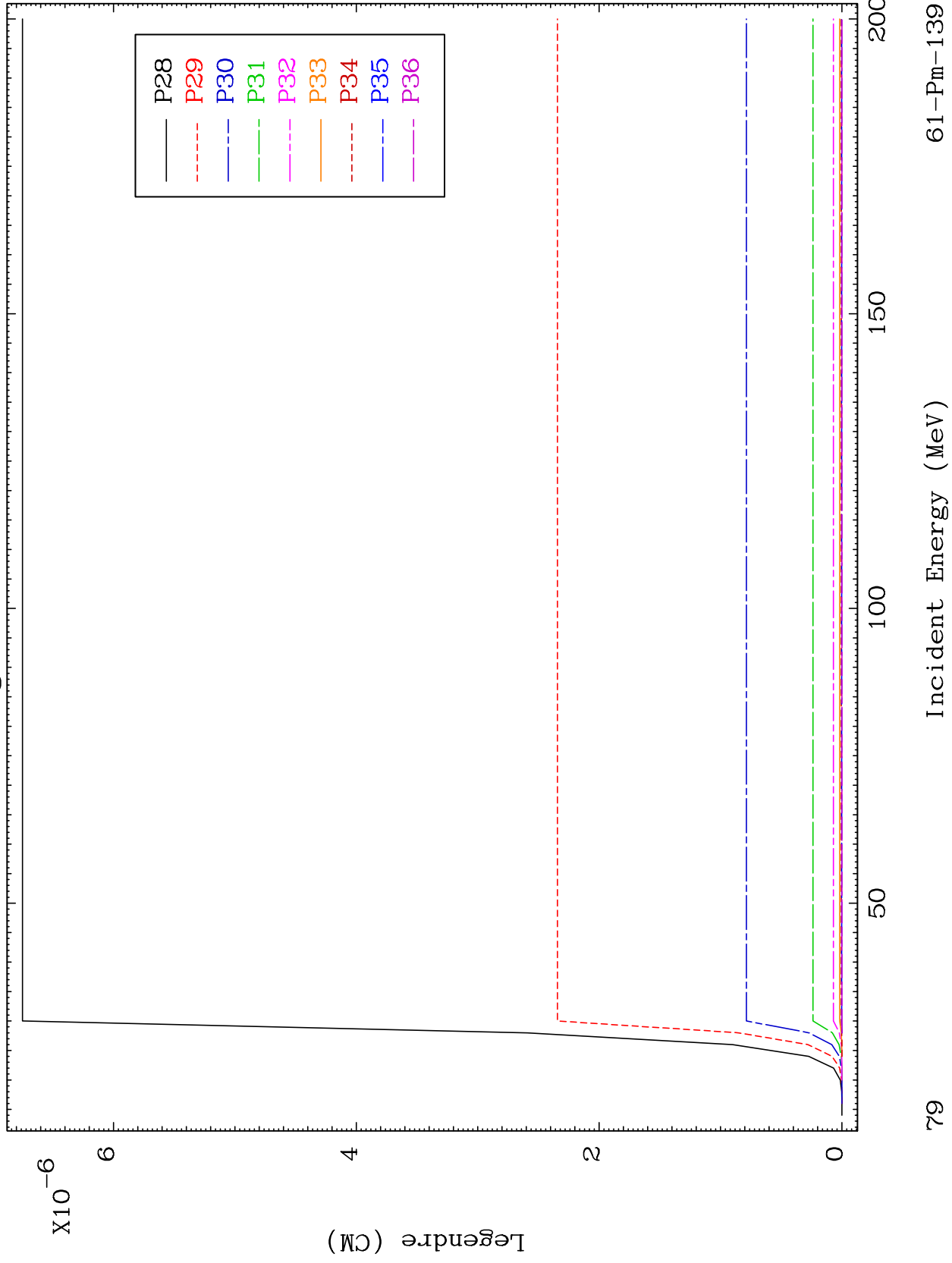
Incident Energy (MeV)

61-Pm-139

MAT 6125

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

61-Pm-139



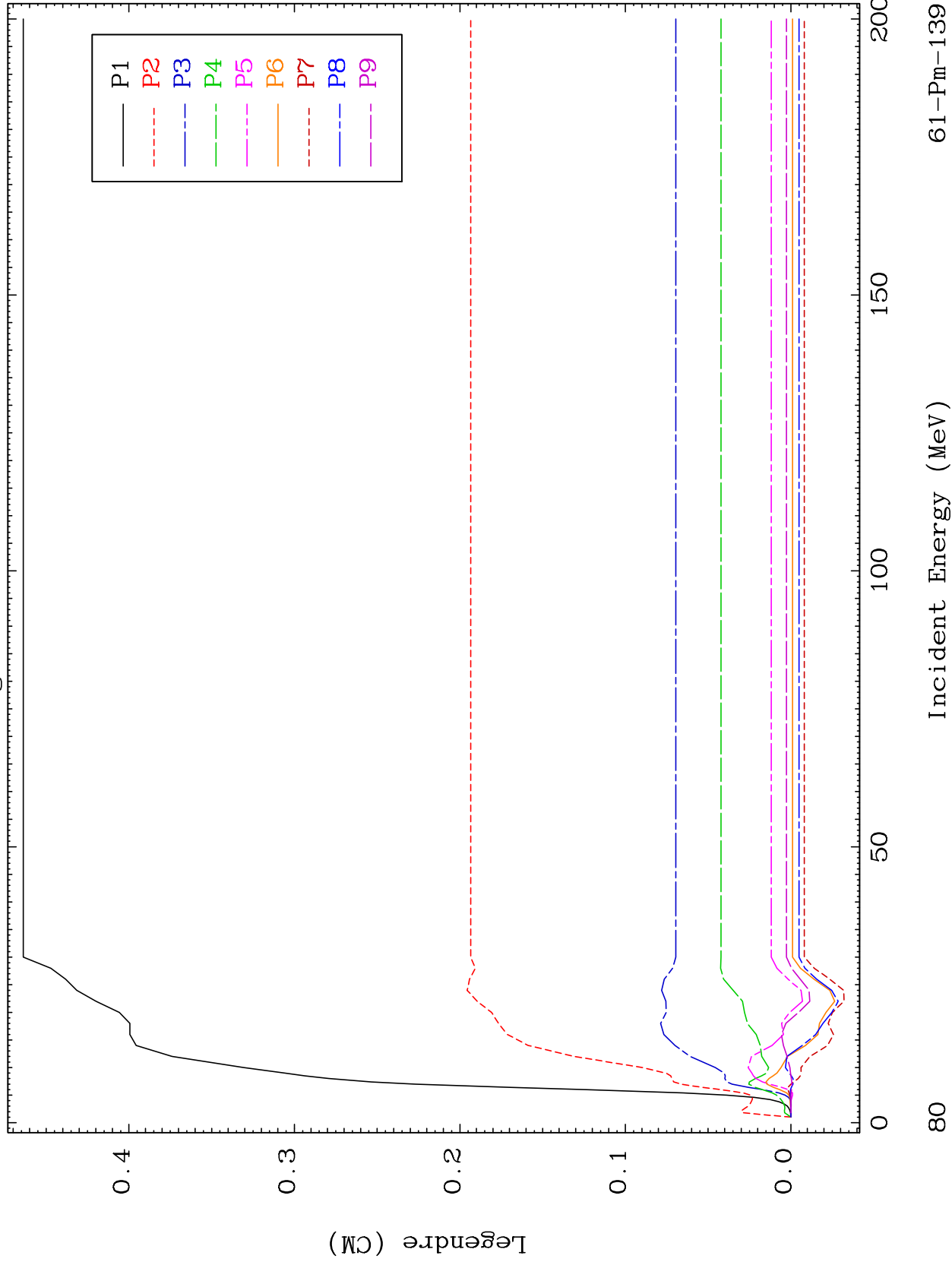
79

61-Pm-139

MAT 6125

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

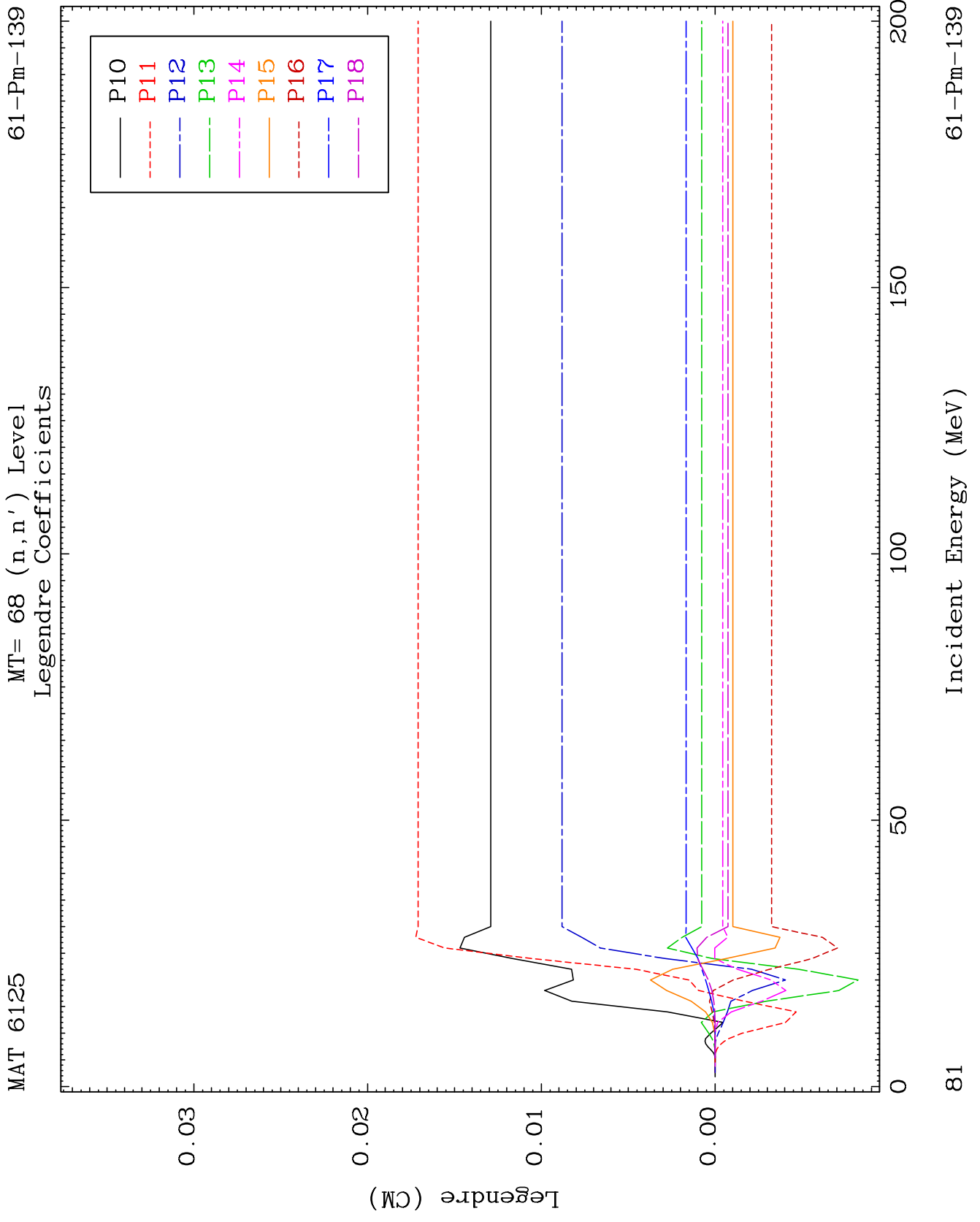
61-Pm-139



61-Pm-139

Incident Energy (MeV)

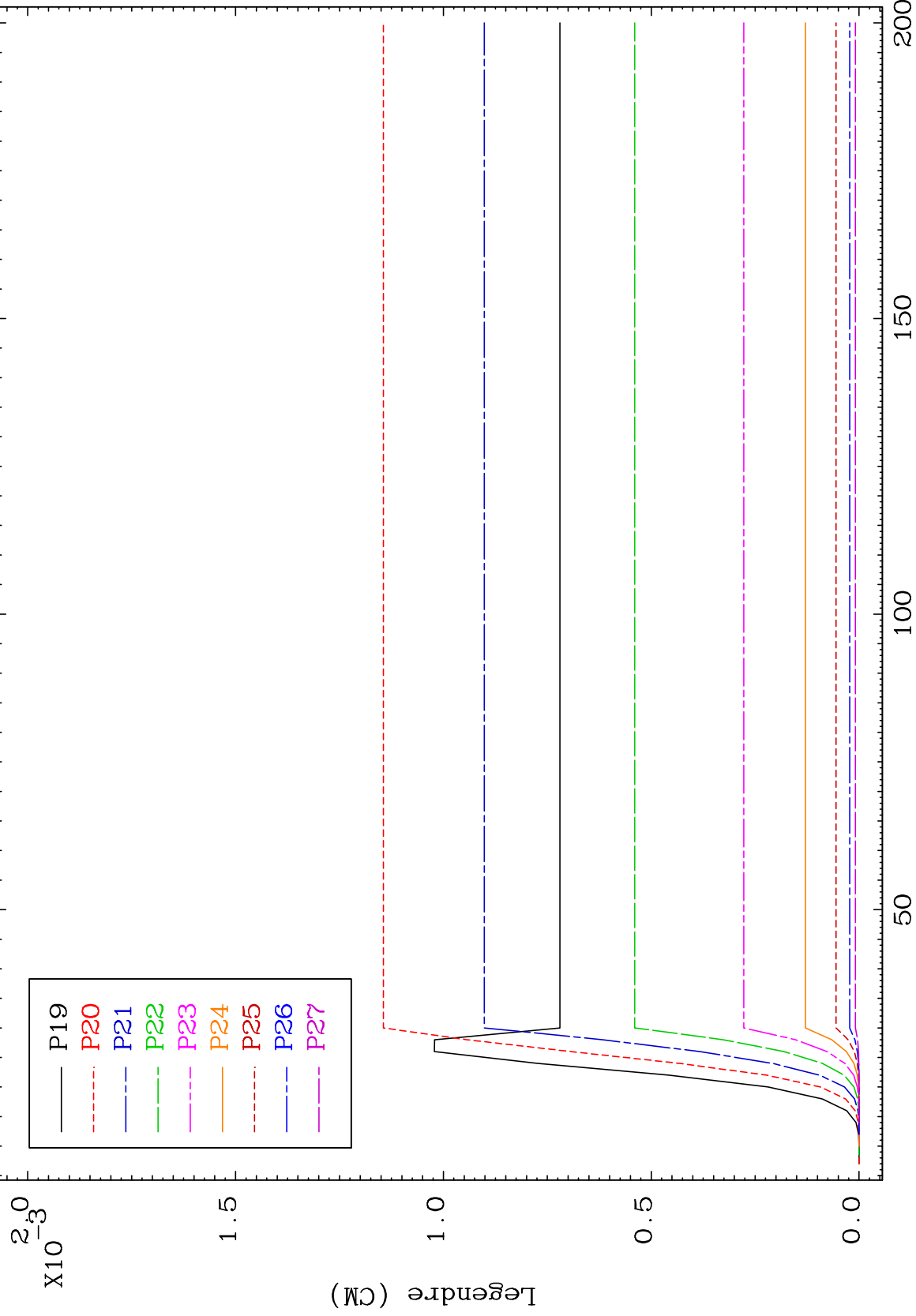
80



MAT 6125

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

61-Pm-139



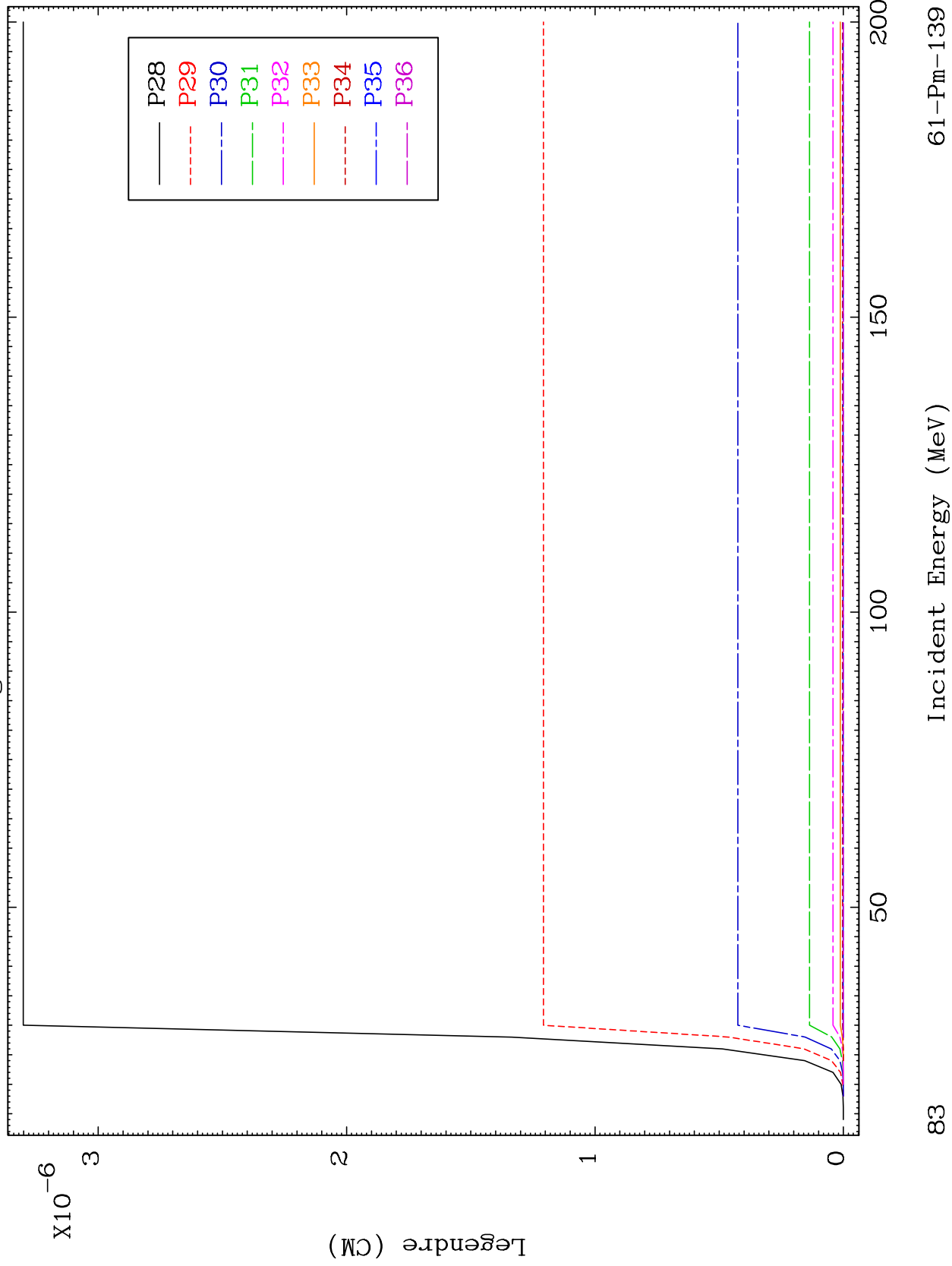
82

61-Pm-139

MAT 6125

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

61-Pm-139

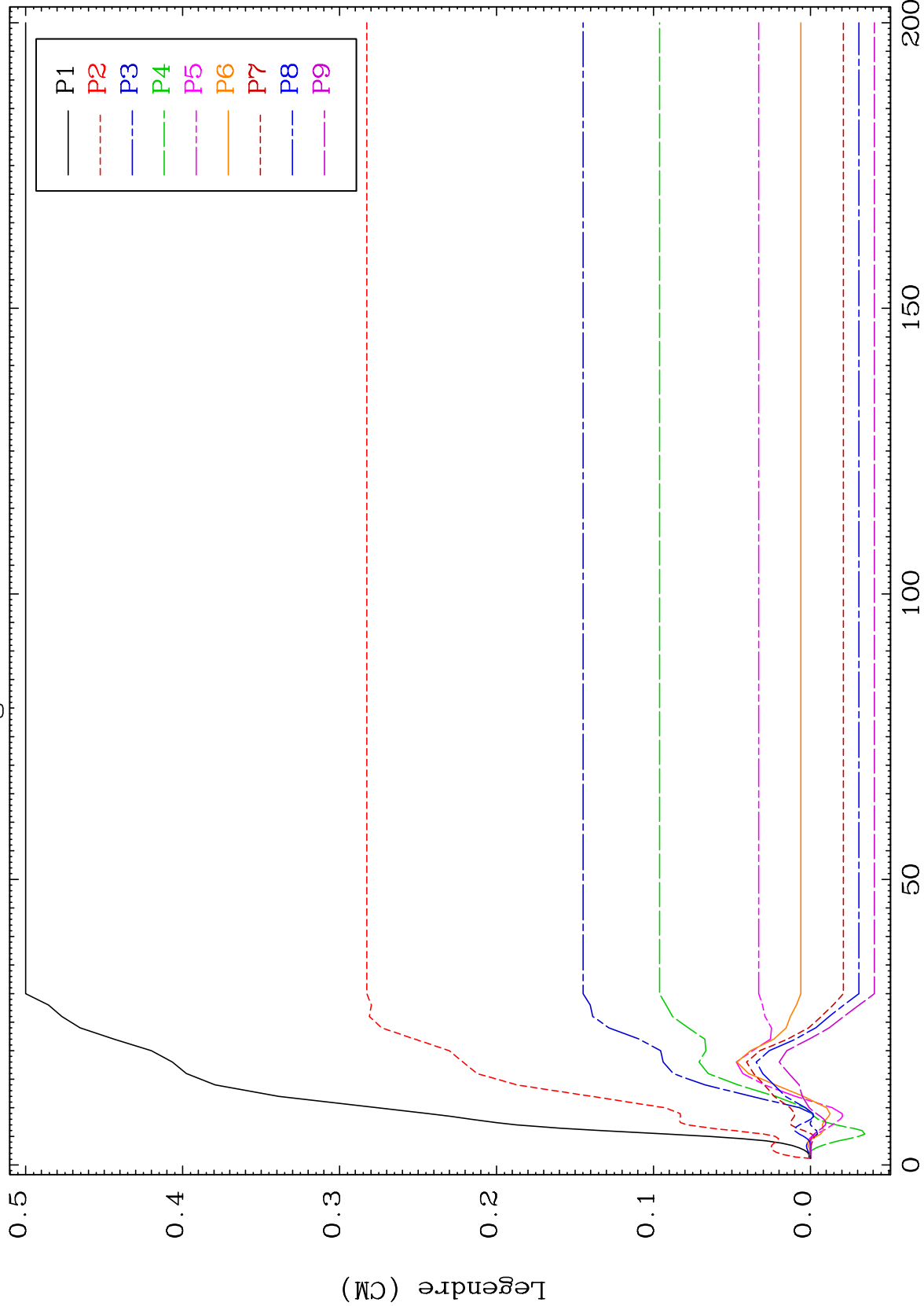


MAT 6125

MT= 69 (n,n') Level

61-Pm-139

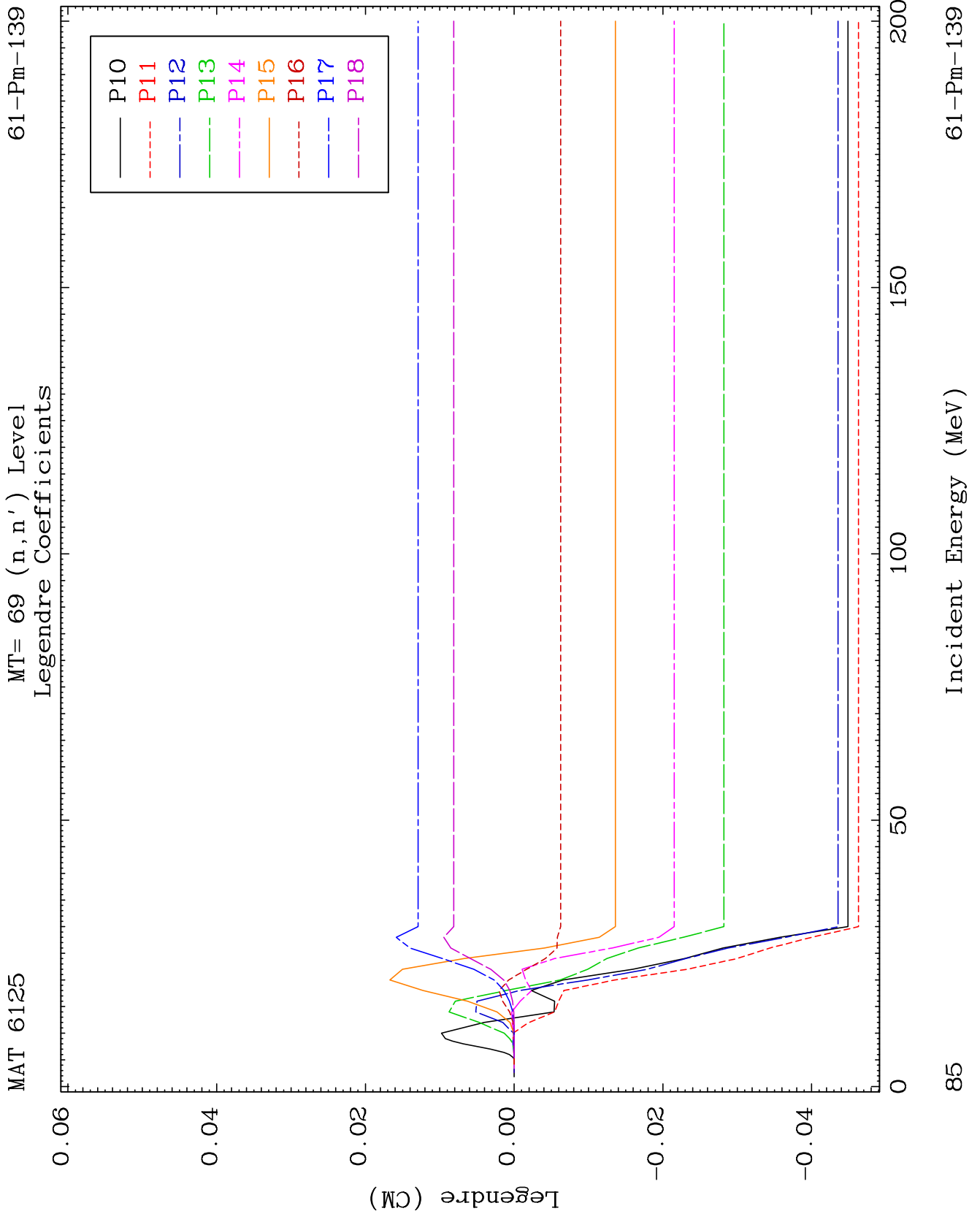
Legendre Coefficients

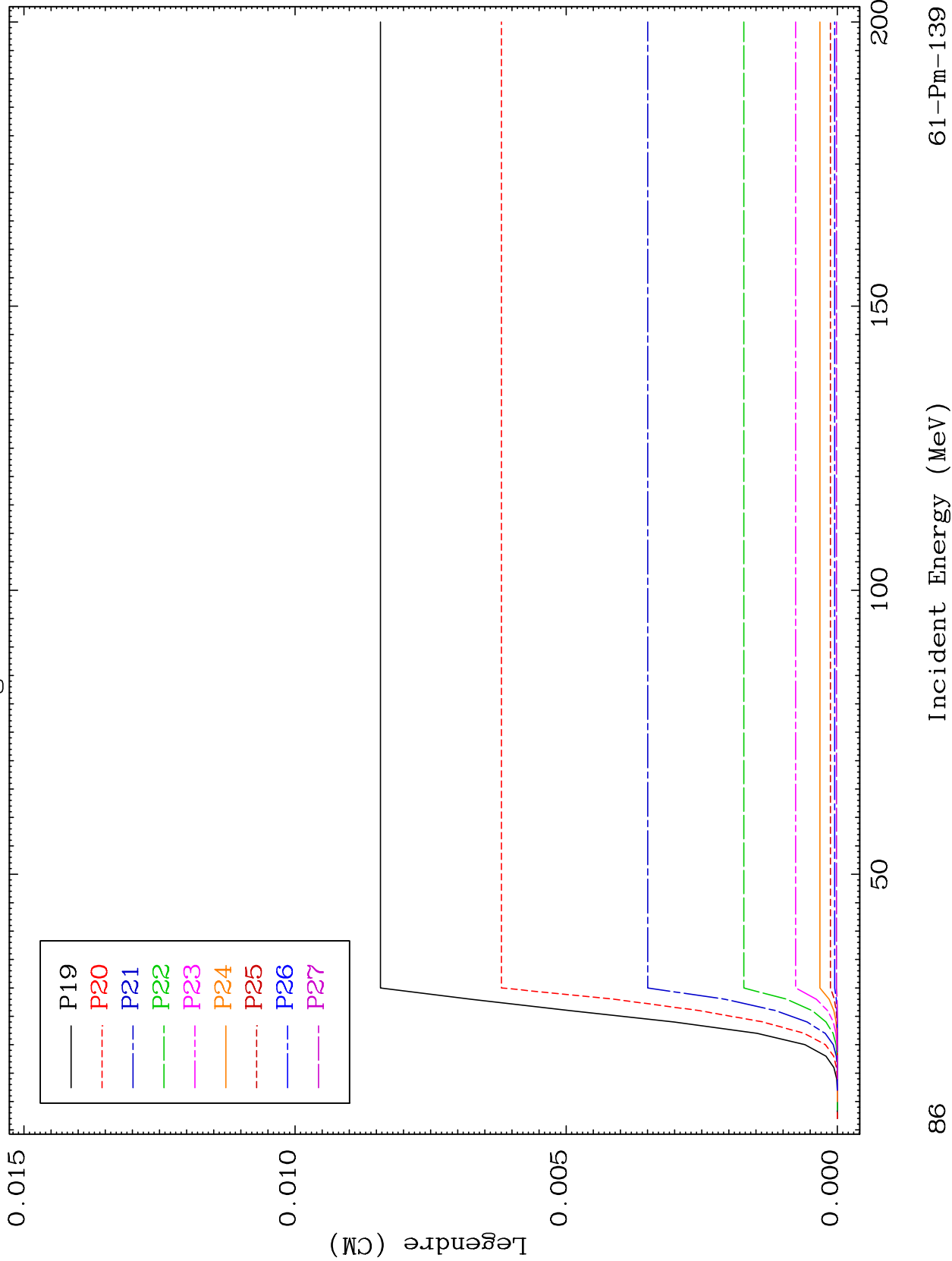


84

Incident Energy (MeV)

61-Pm-139

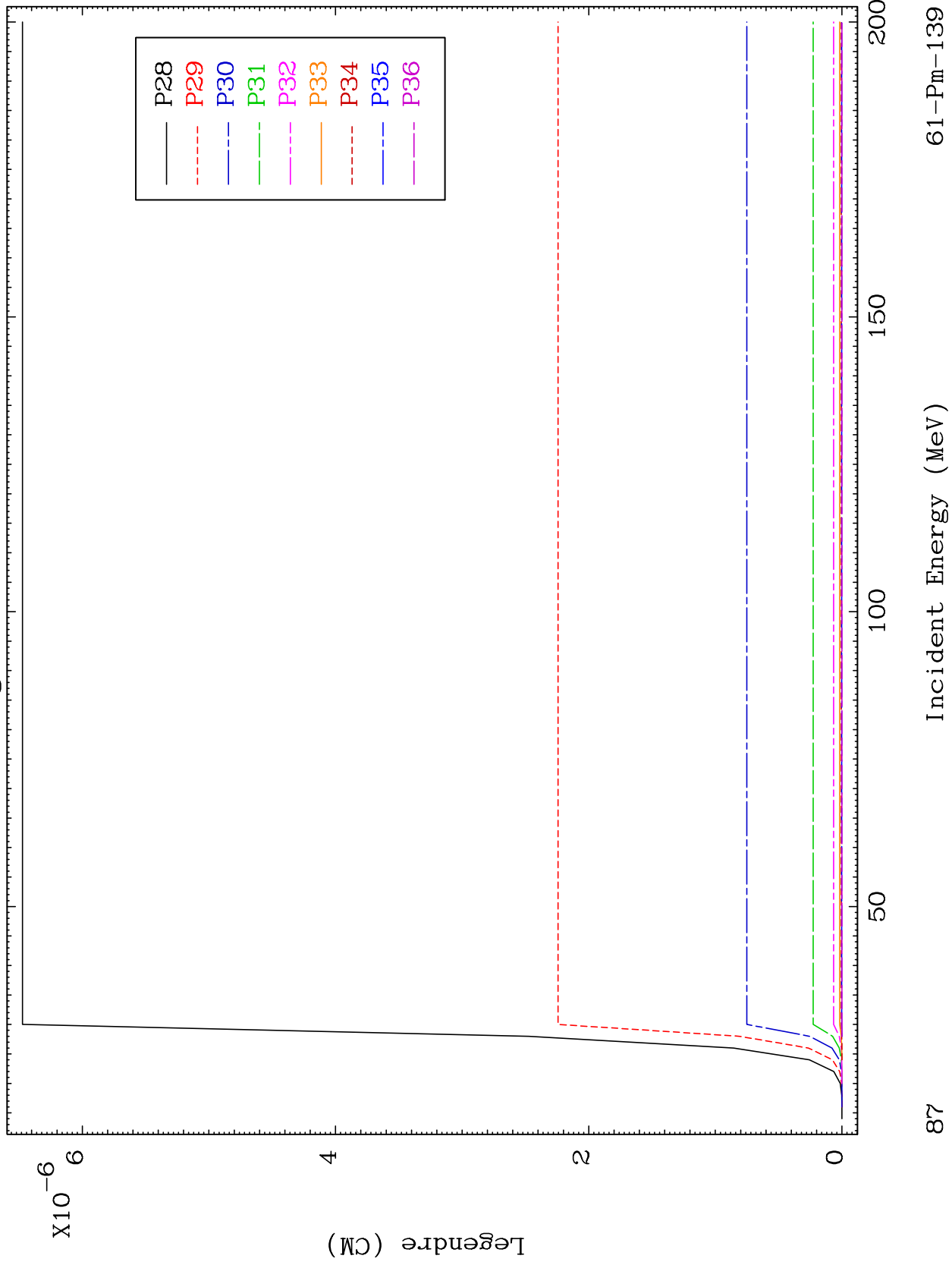




MAT 6125

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

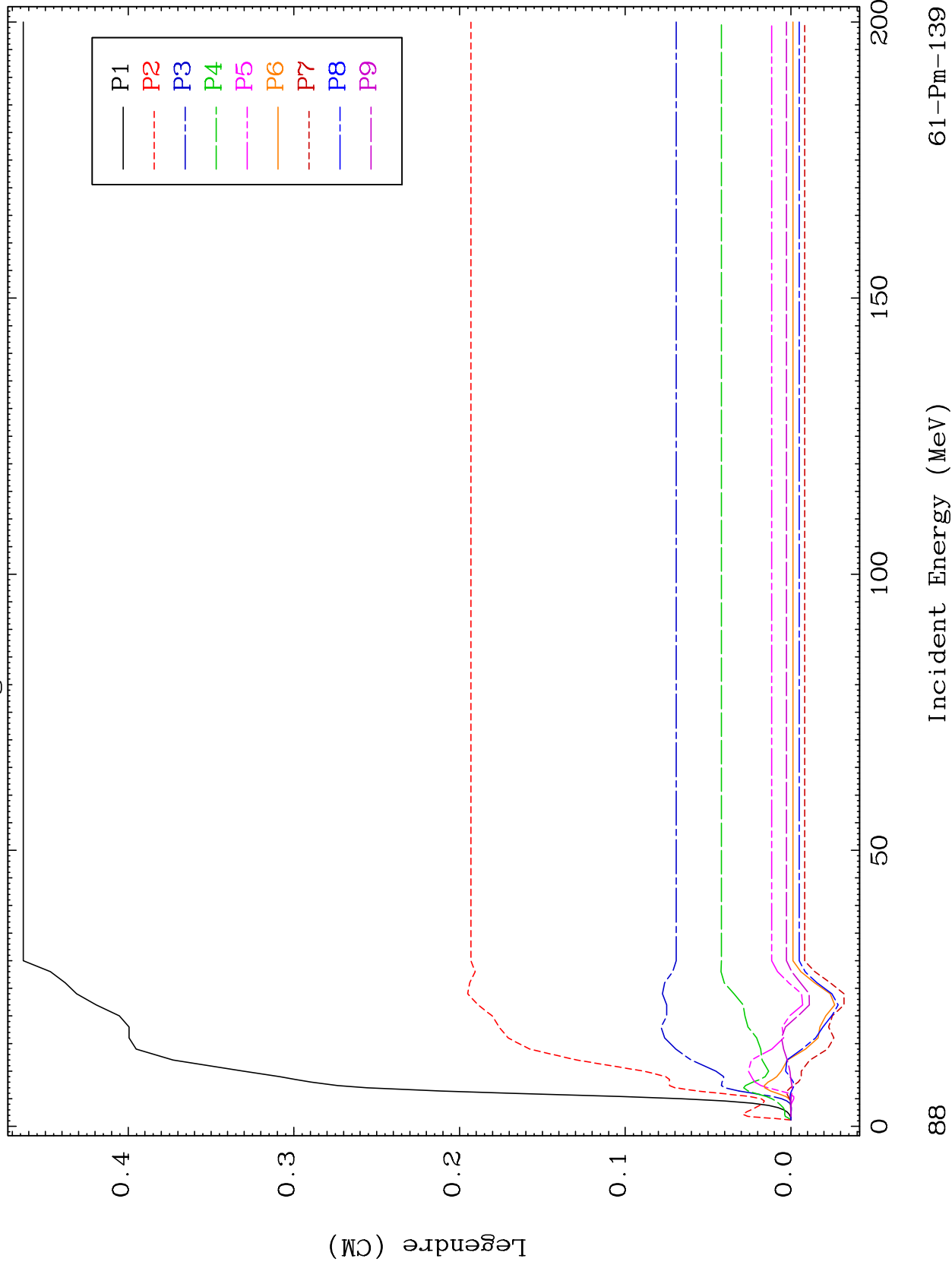
61-Pm-139



MAT 6125

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

61-Pm-139



61-Pm-139

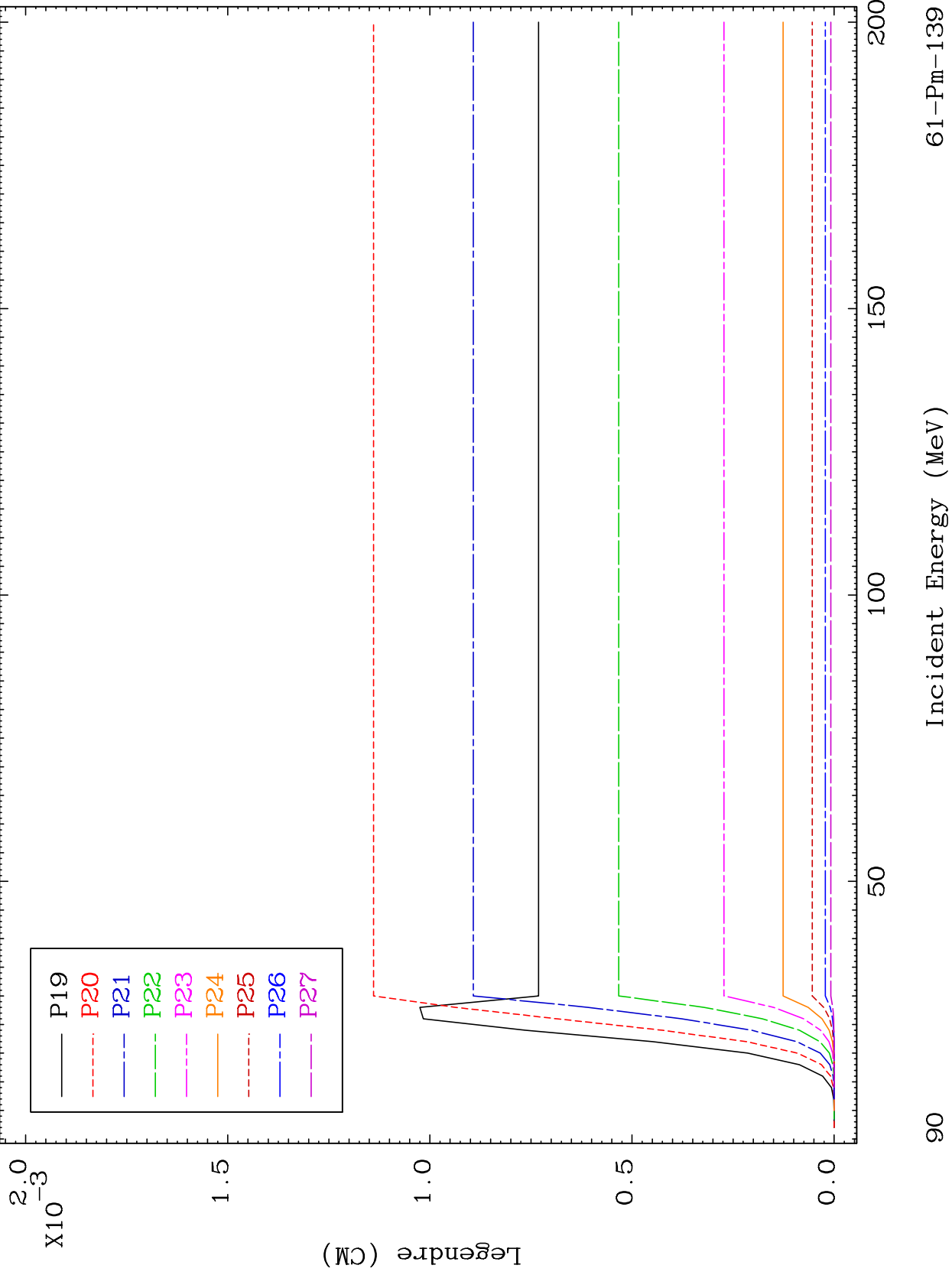
Incident Energy (MeV)

88

MAT 6125

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

61-Pm-139



90

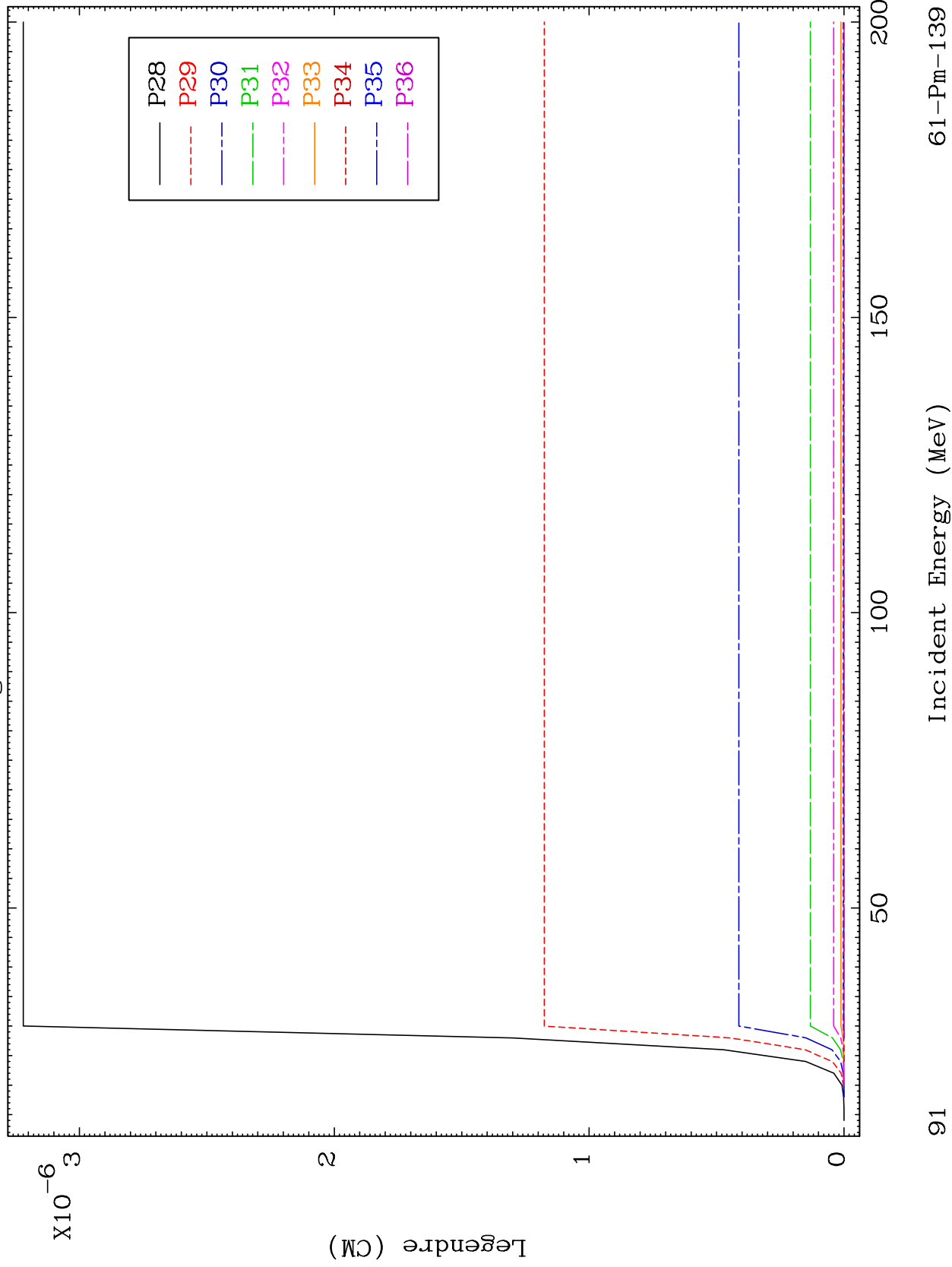
Incident Energy (MeV)

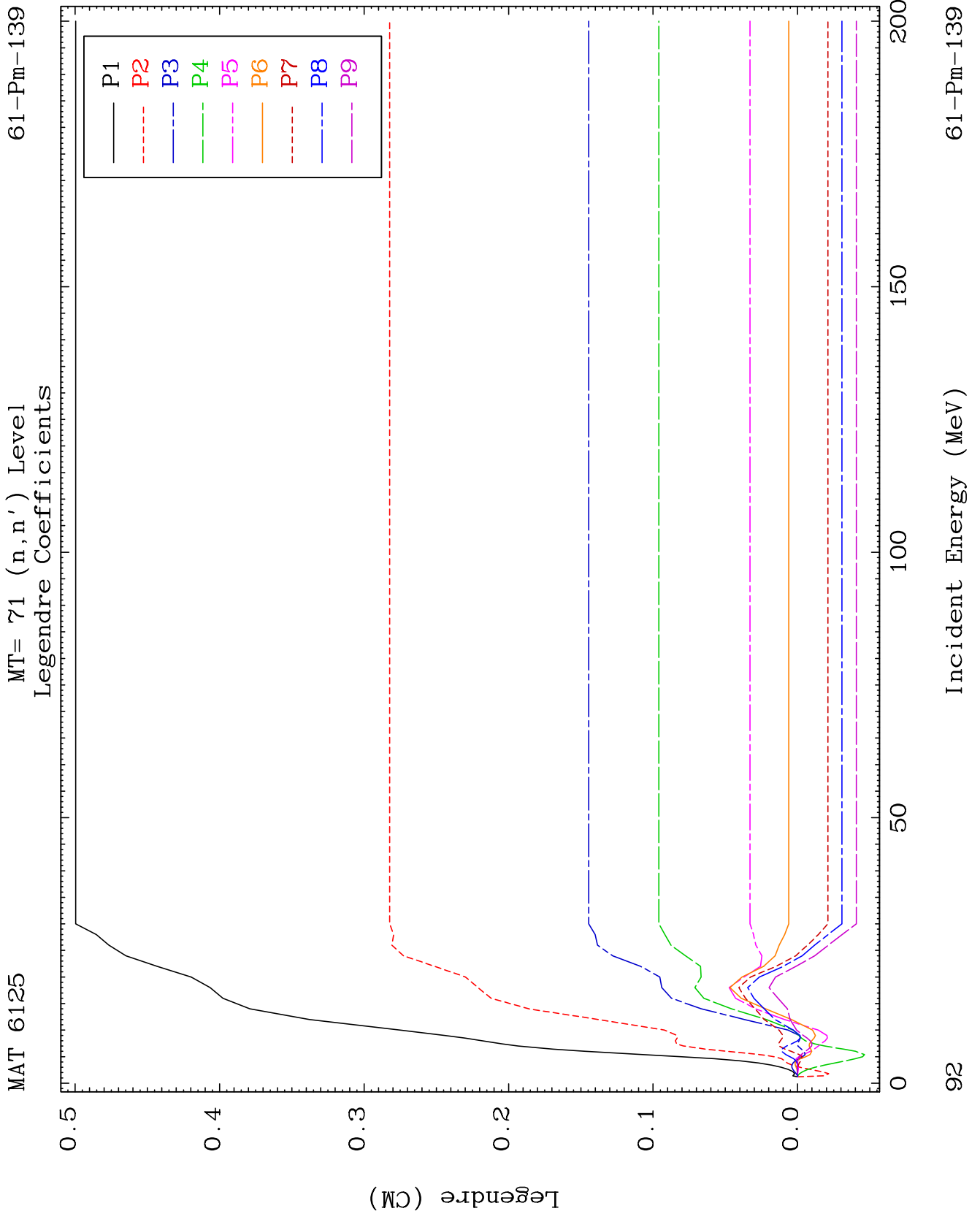
61-Pm-139

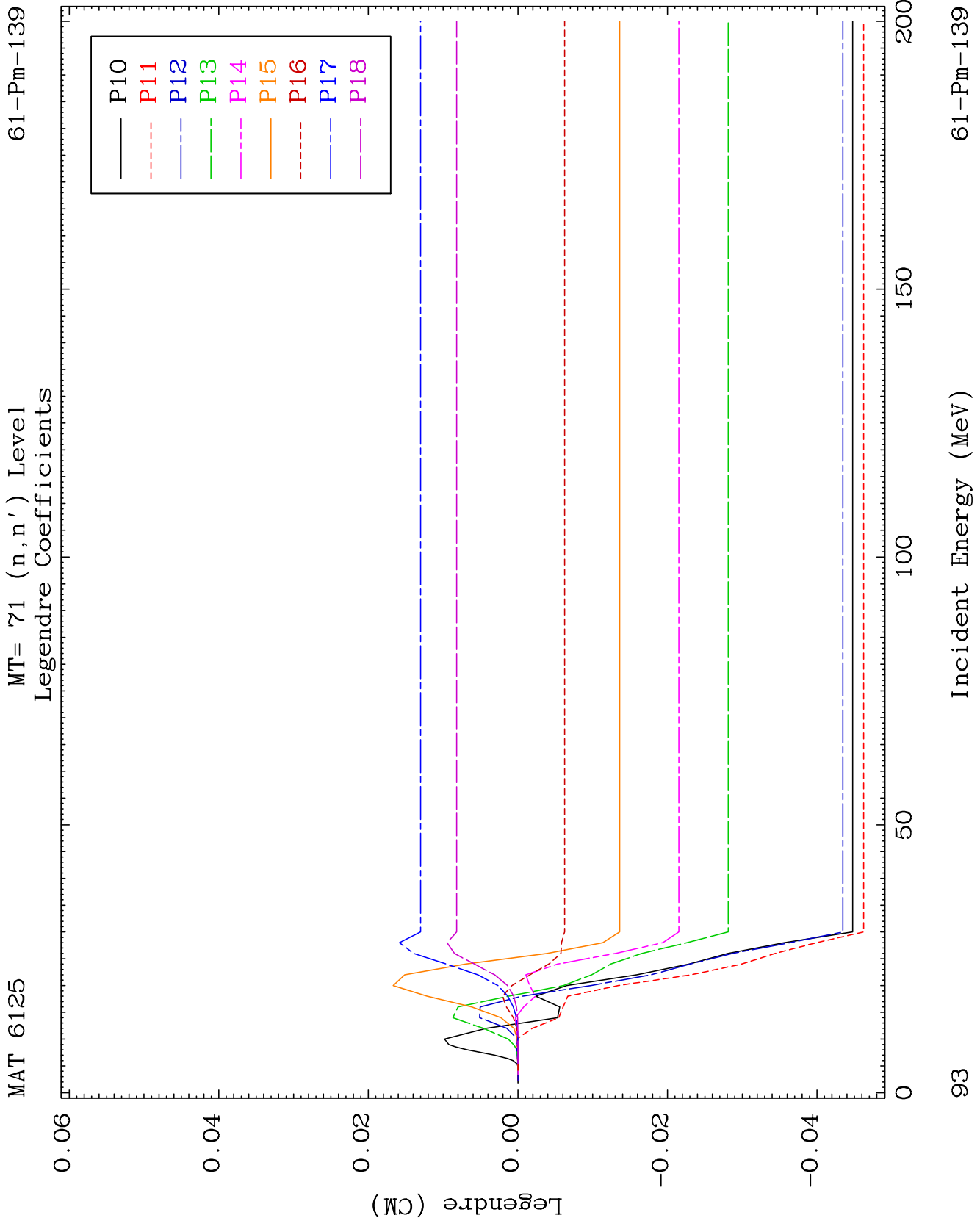
MAT 6125

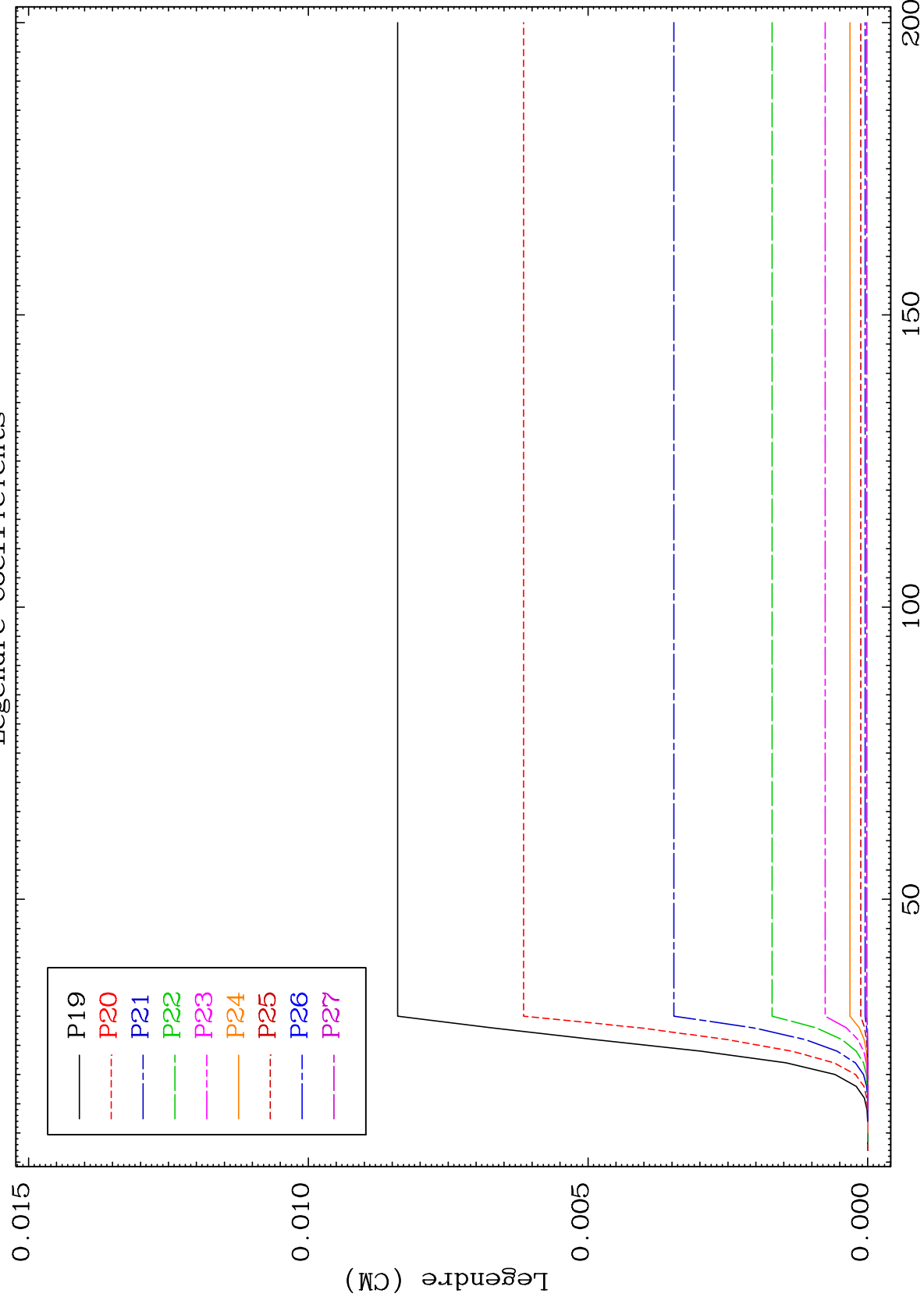
MT= 70 (n,n') Level
Legendre Coefficients

61-Pm-139





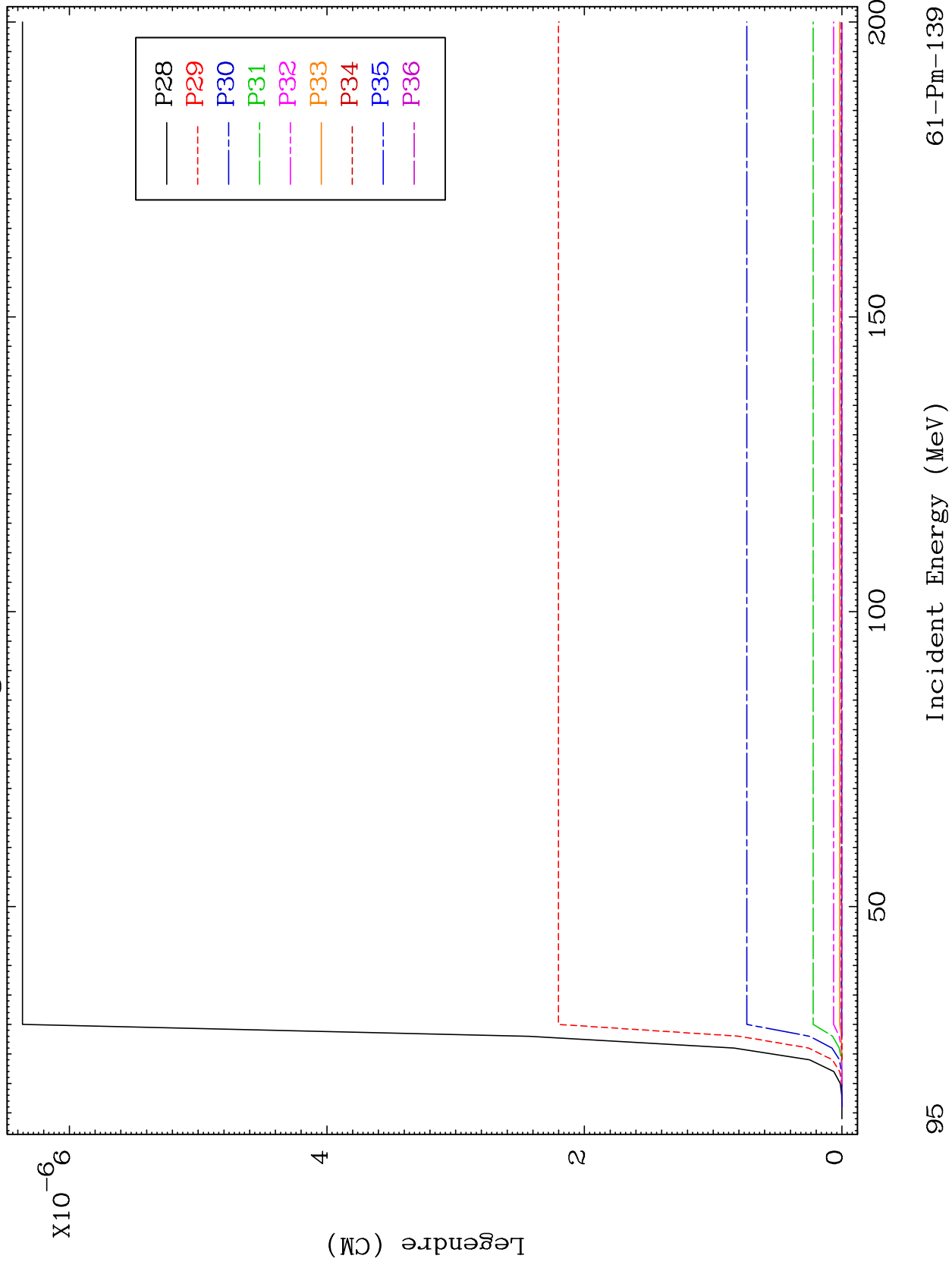




MAT 6125

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

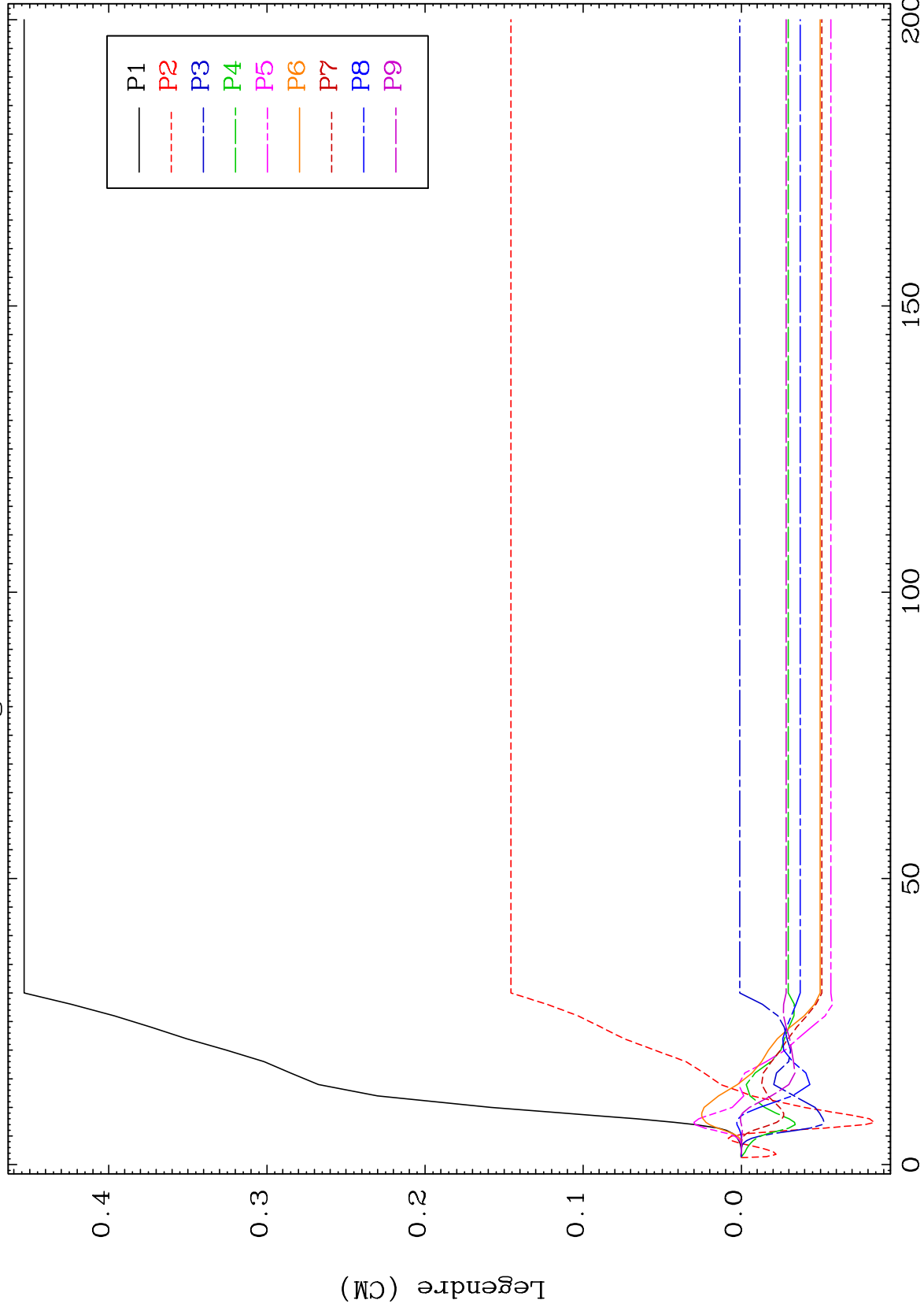
61-Pm-139



MAT 6125

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

61-Pm-139



96

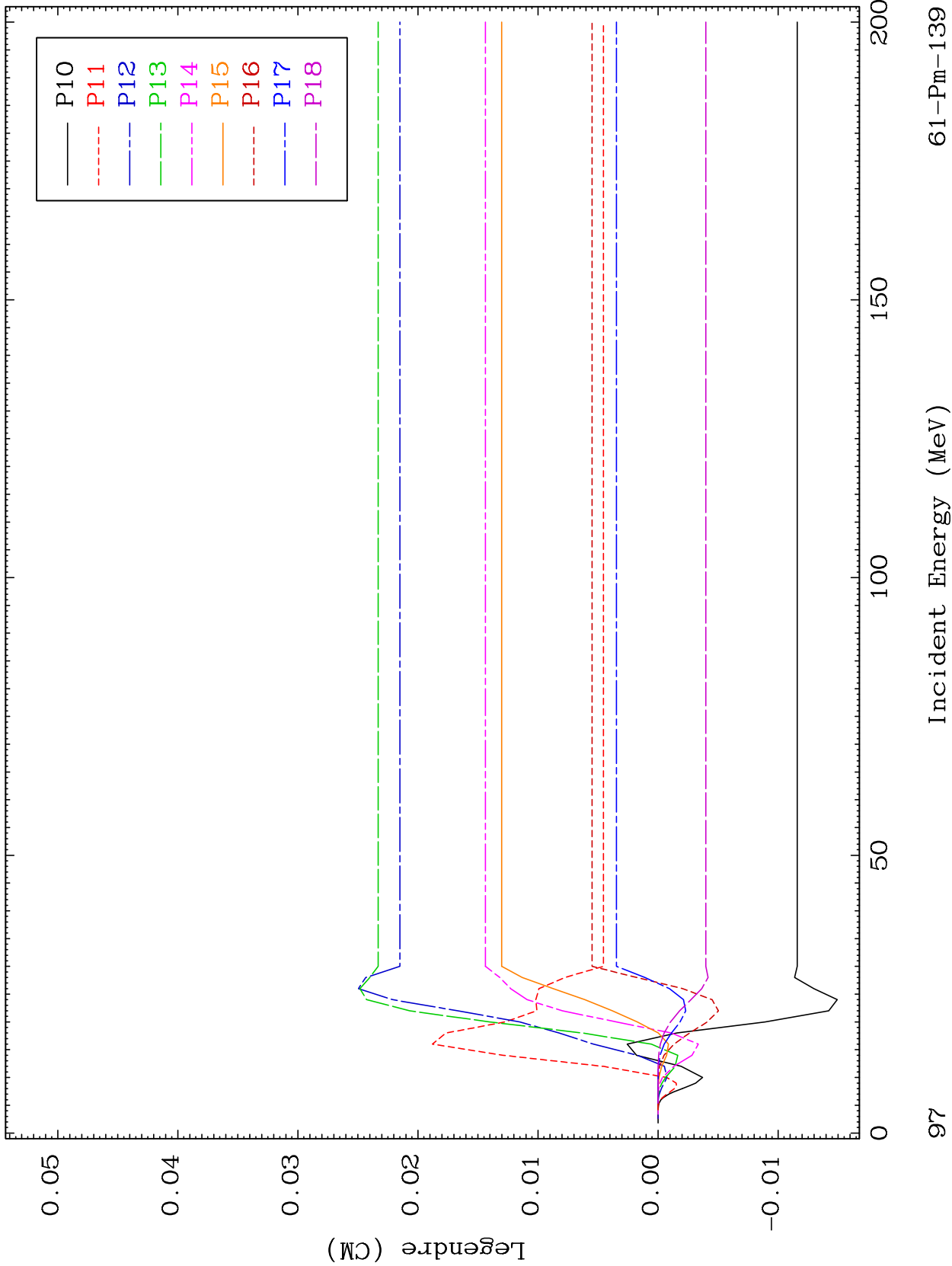
Incident Energy (MeV)

61-Pm-139

MAT 6125

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

61-Pm-139

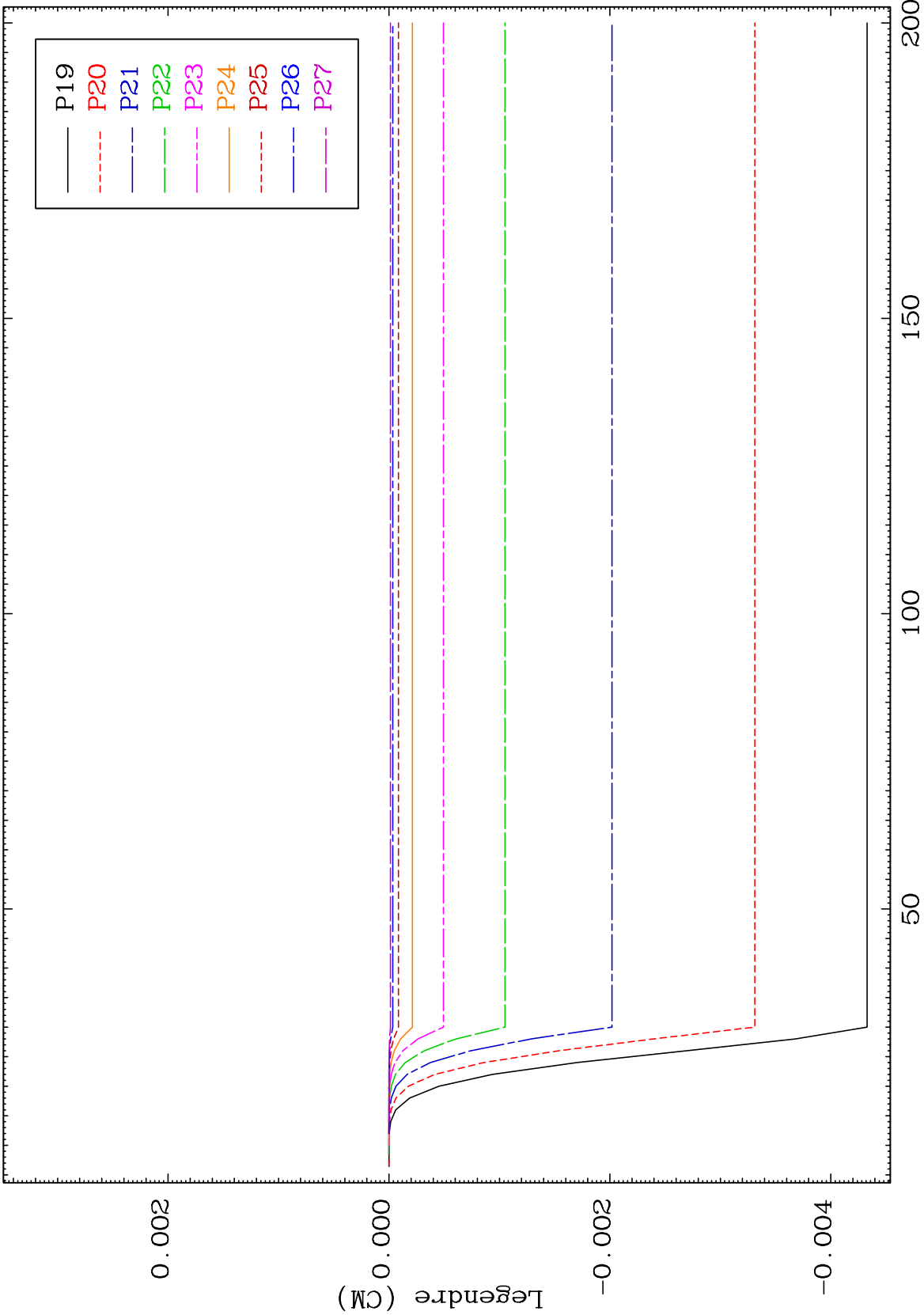


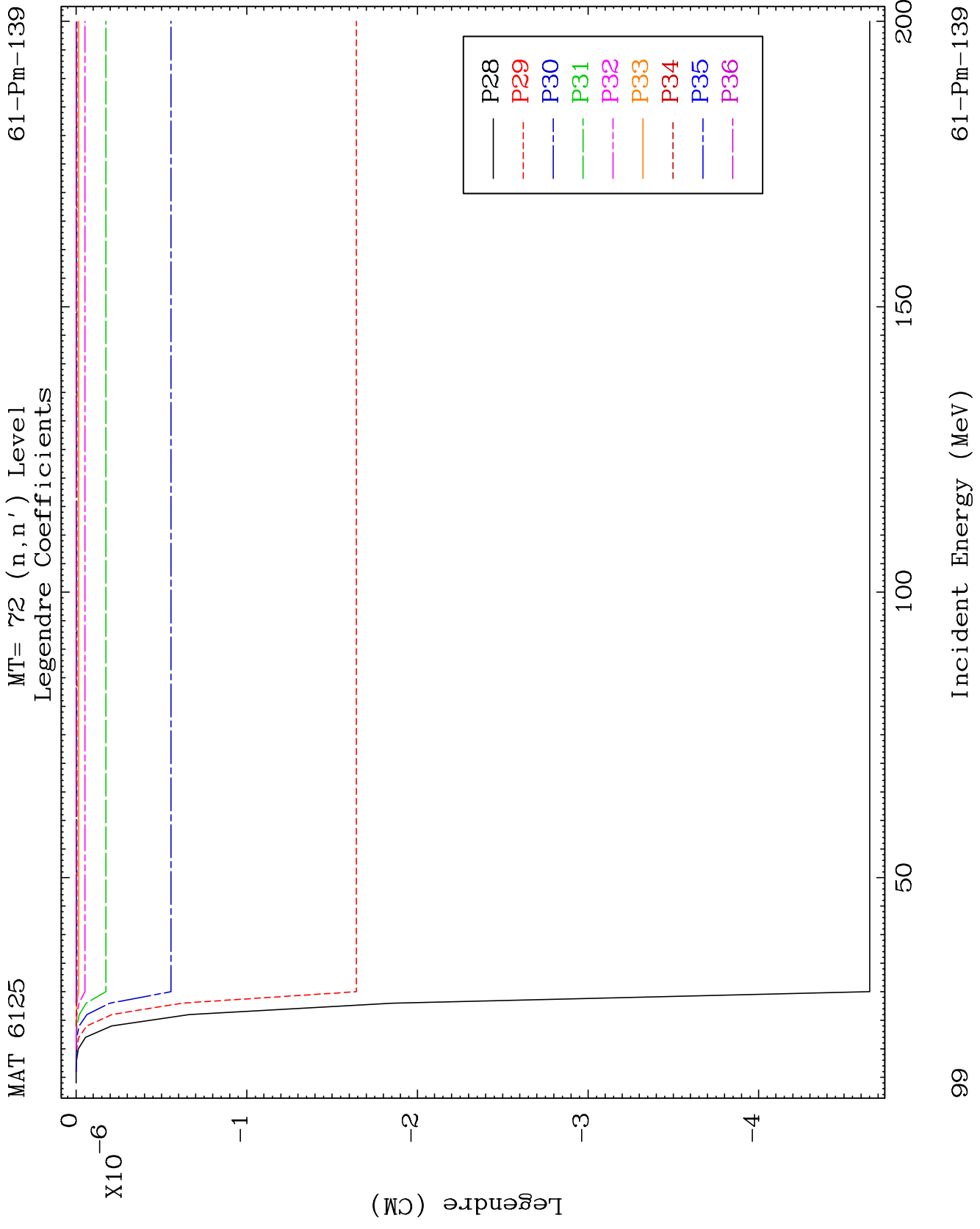
61-Pm-139

MAT 6125

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

61-Pm-139

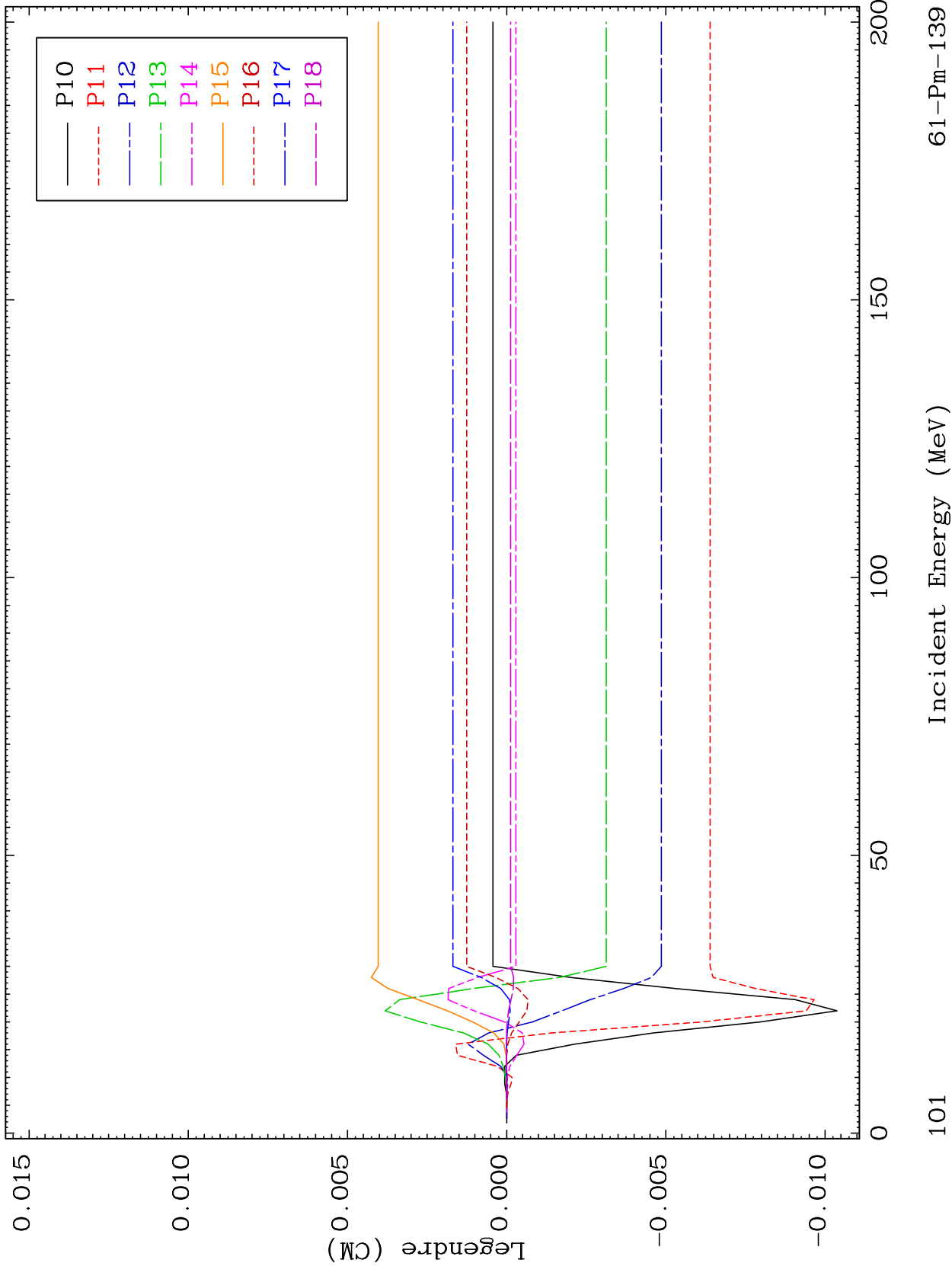




MAT 6125

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

61-Pm-139



101

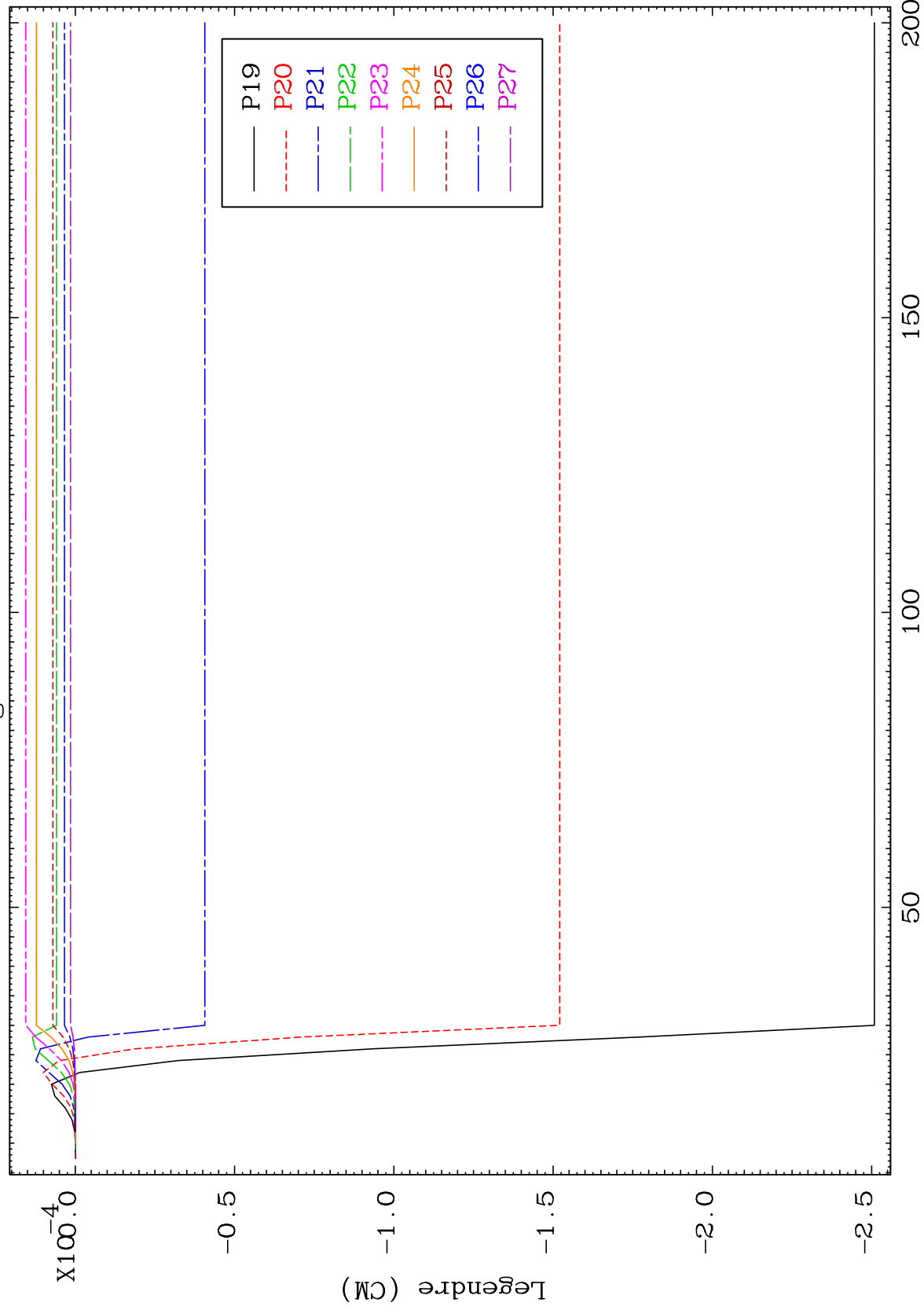
Incident Energy (MeV)

61-Pm-139

MAT 6125

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

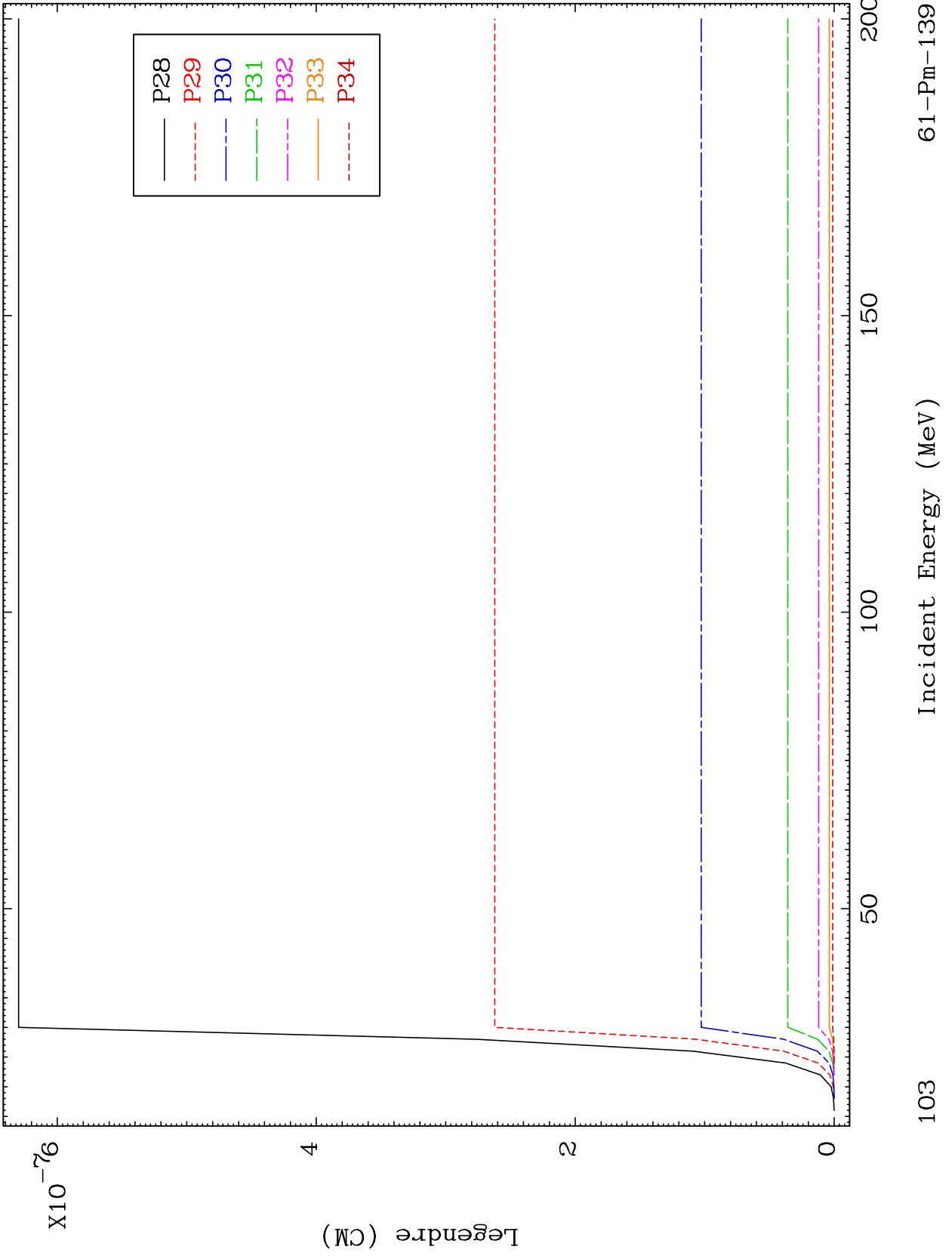
61-Pm-139



MAT 6125

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

61-Pm-139

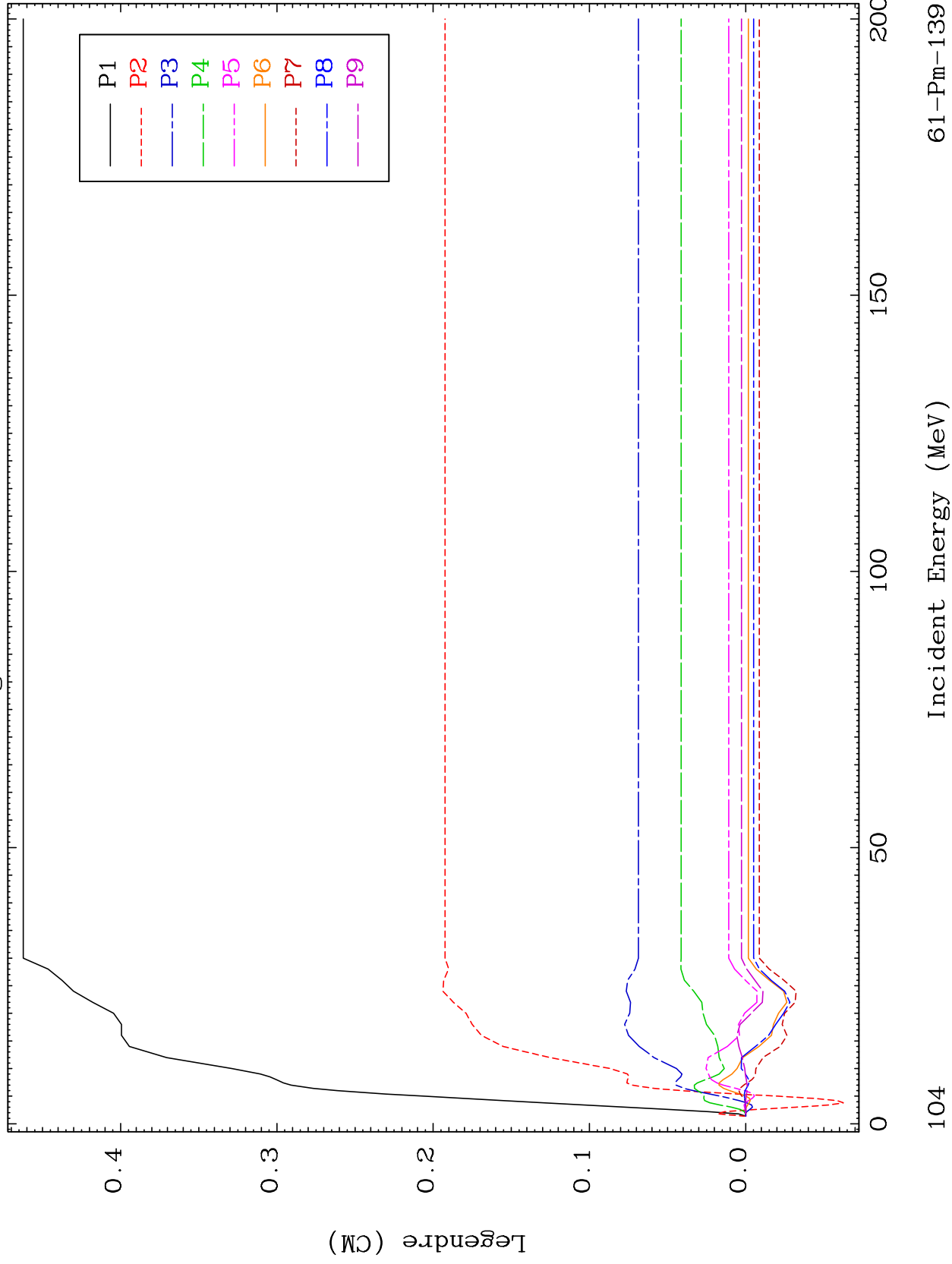


103

MAT 6125

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

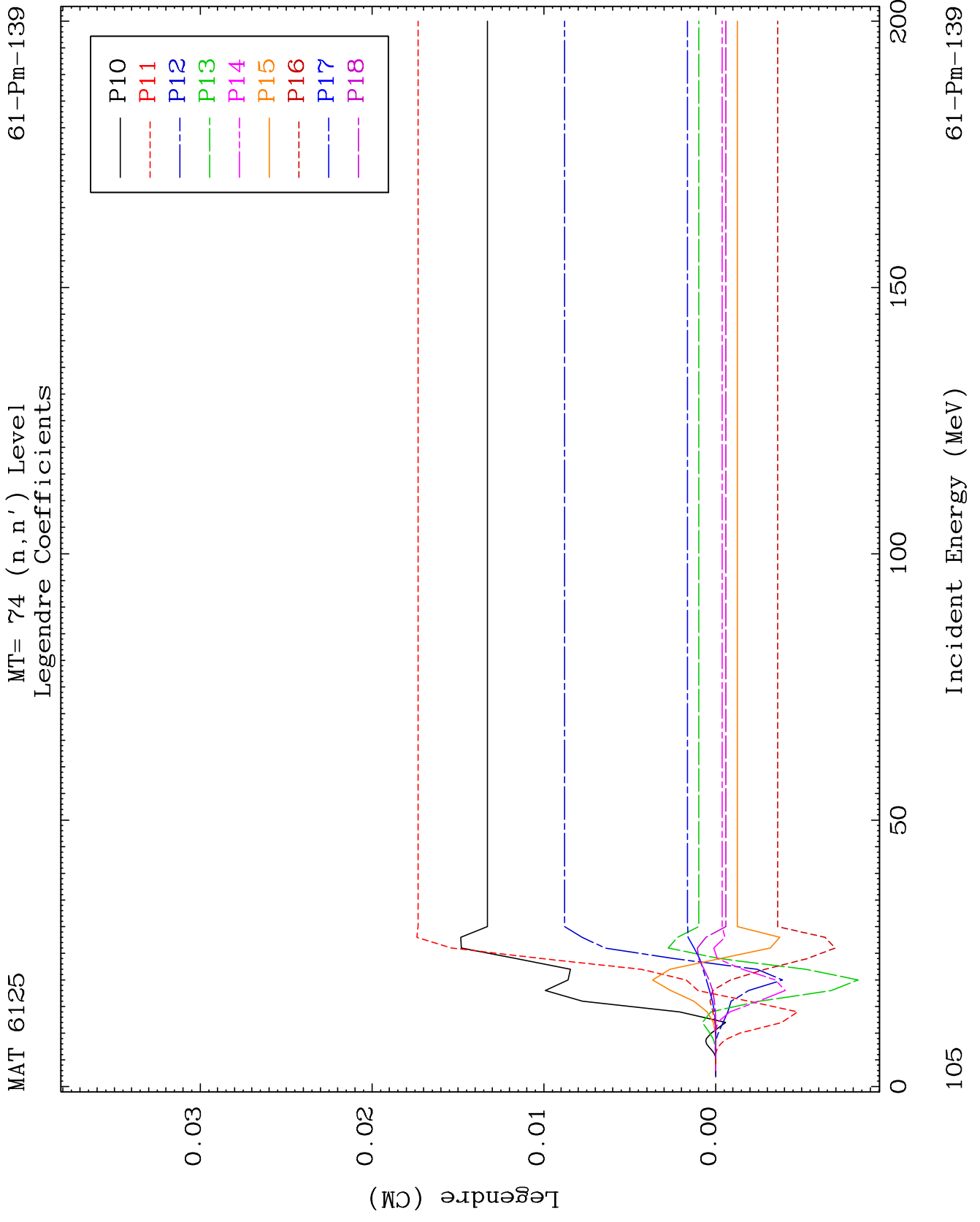
61-Pm-139



61-Pm-139

Incident Energy (MeV)

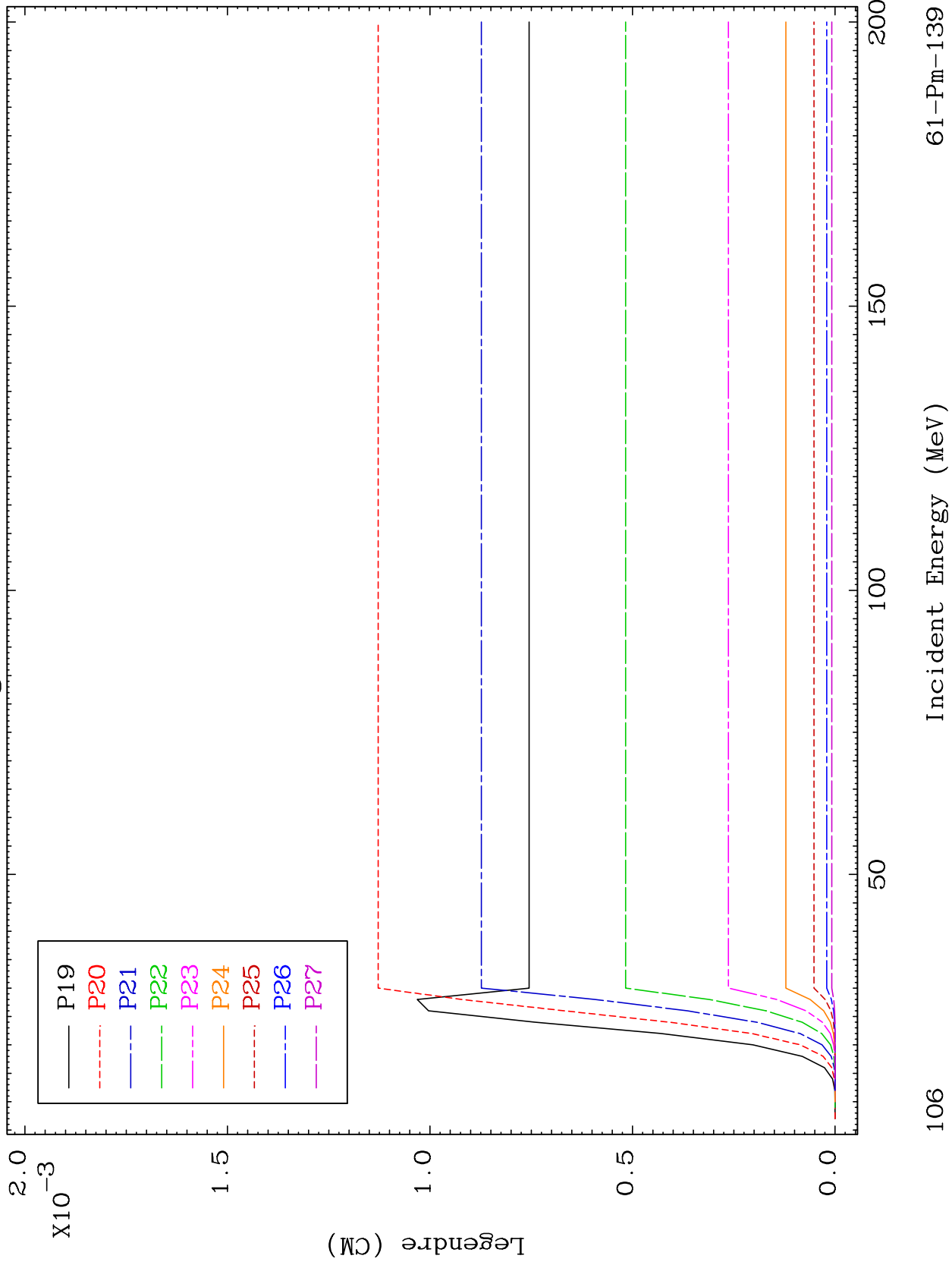
104



MAT 6125

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

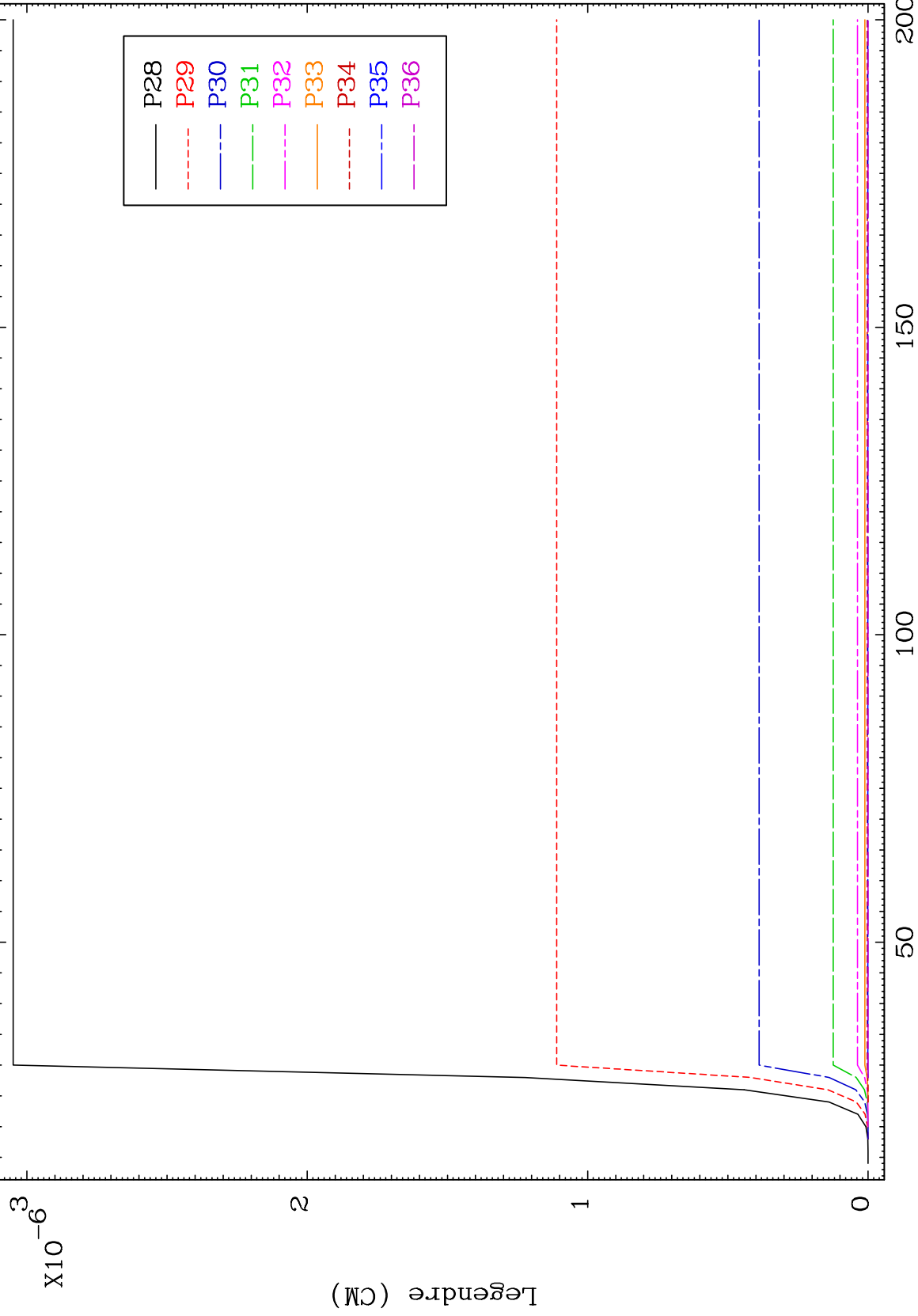
61-Pm-139



MAT 6125

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

61-Pm-139



107

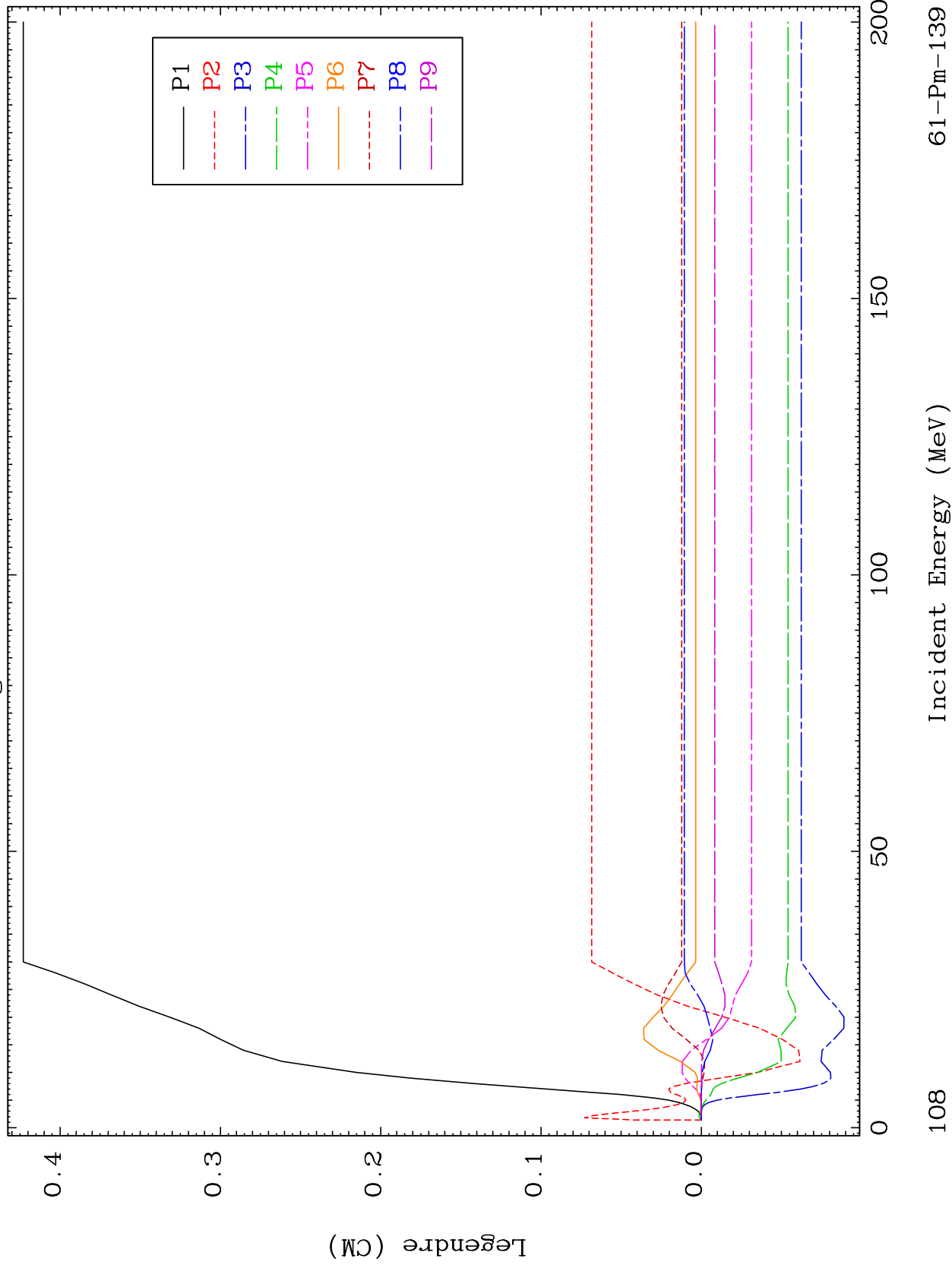
Incident Energy (MeV)

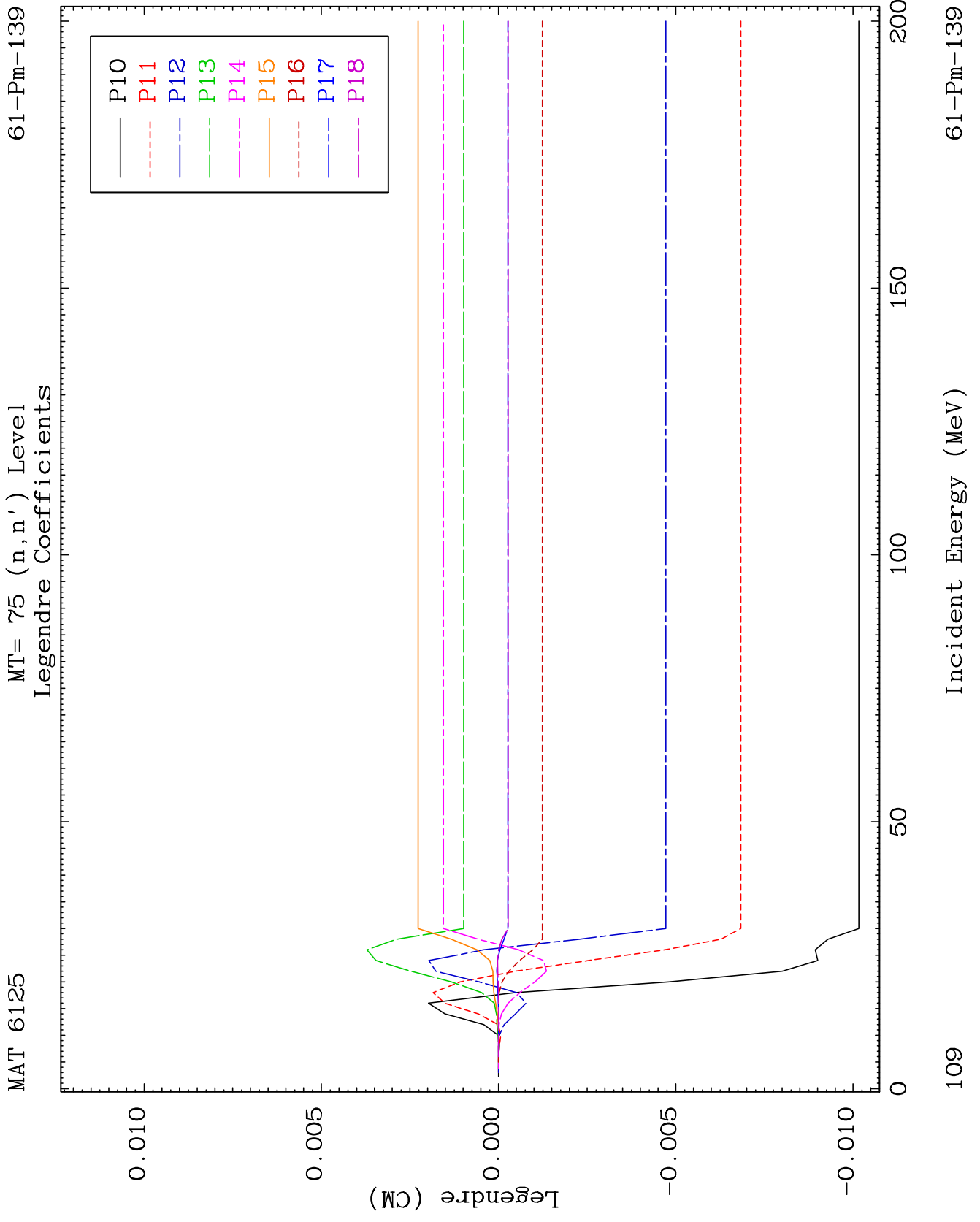
61-Pm-139

MAT 6125

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

61-Pm-139

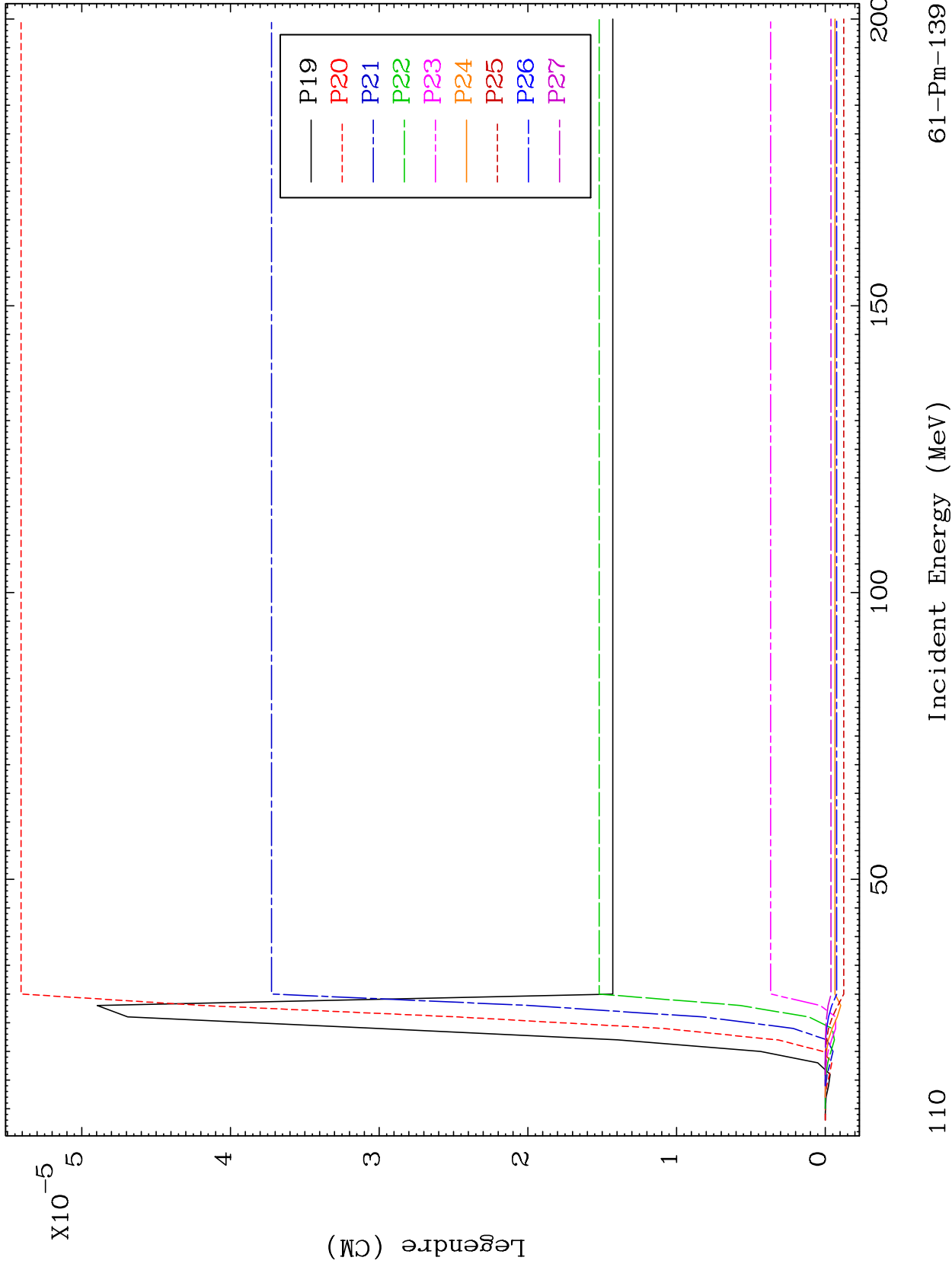


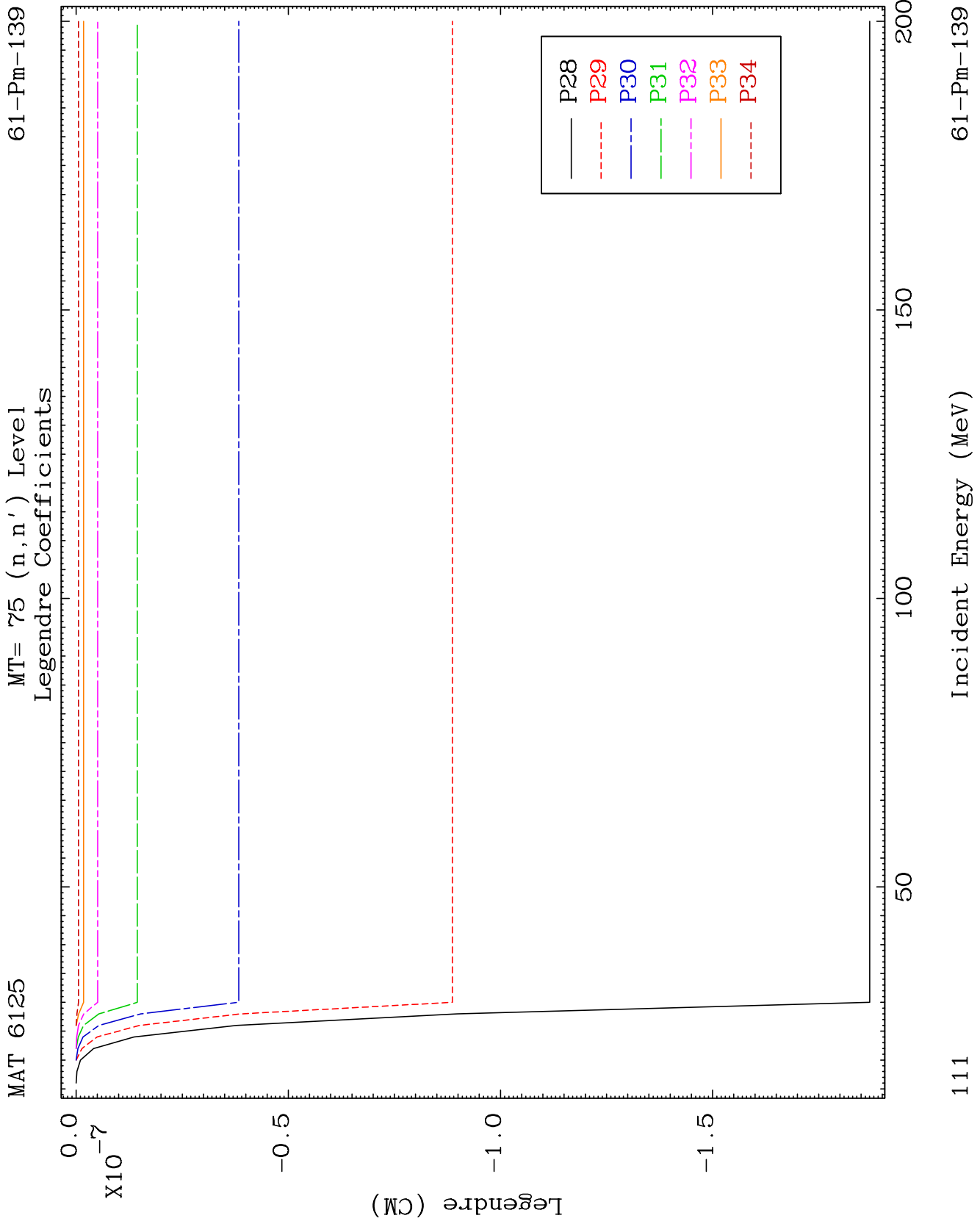


MAT 6125

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

61-Pm-139

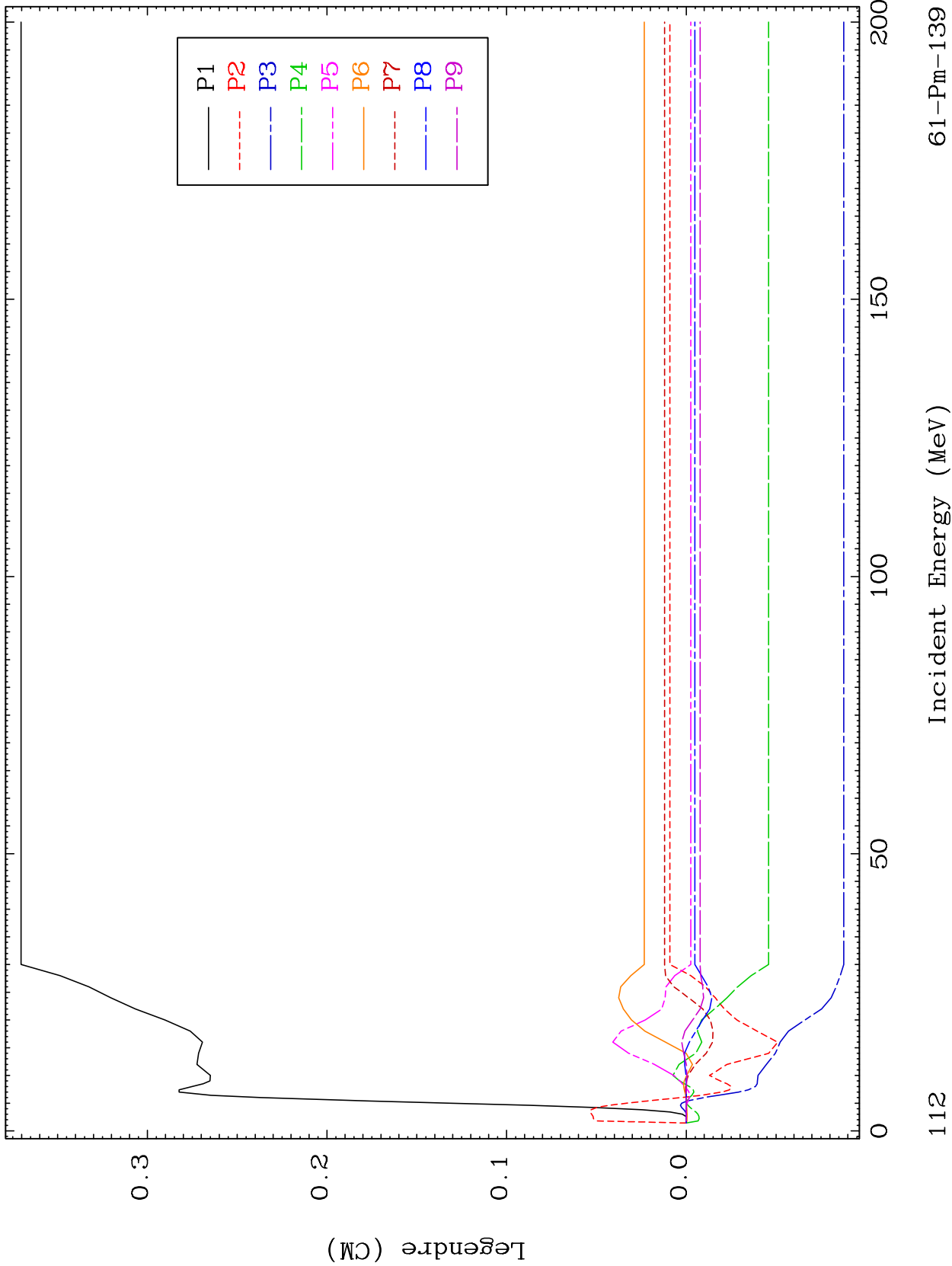




MAT 6125

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

61-Pm-139



61-Pm-139

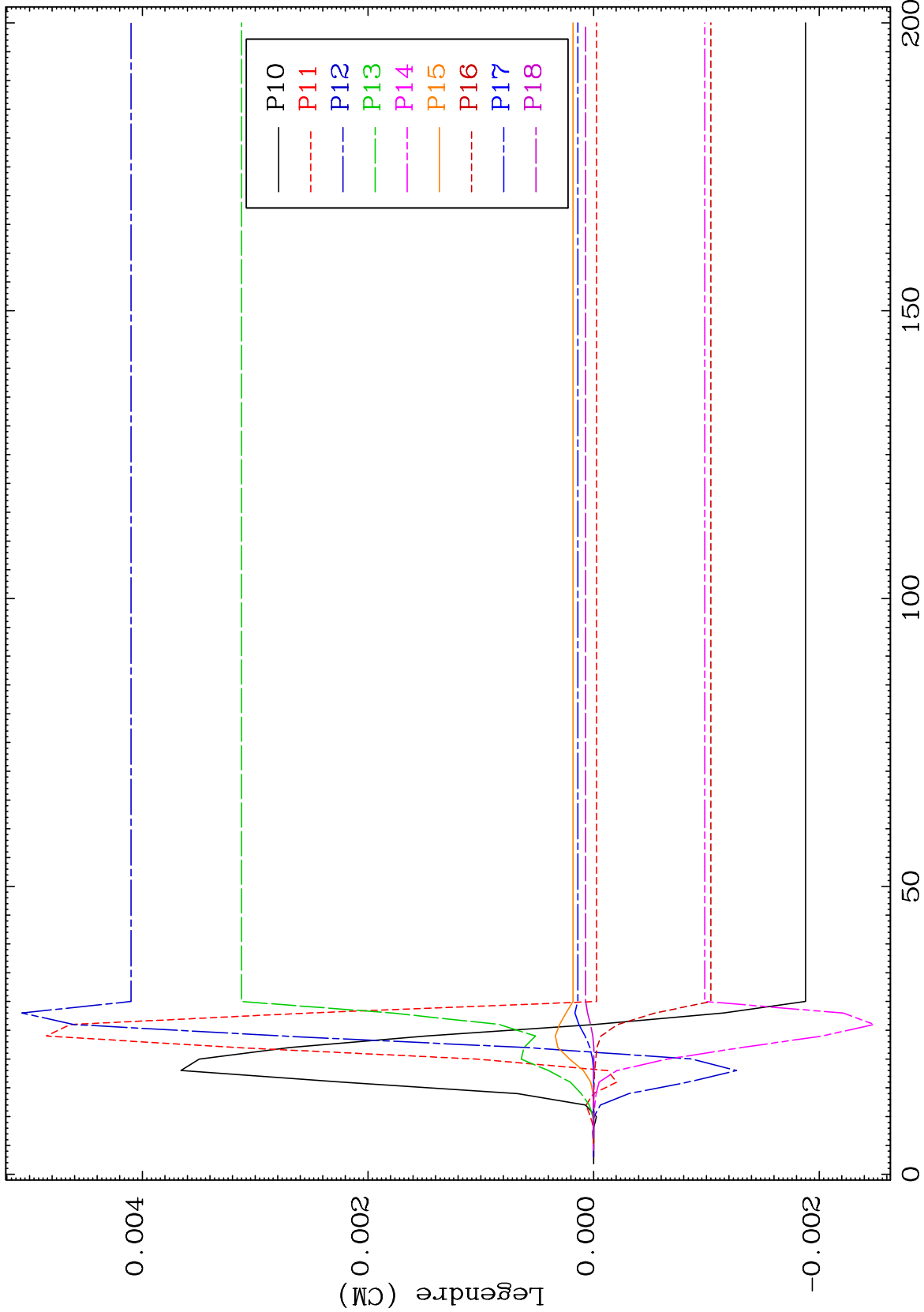
Incident Energy (MeV)

112

MAT 6125

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

61-Pm-139



113

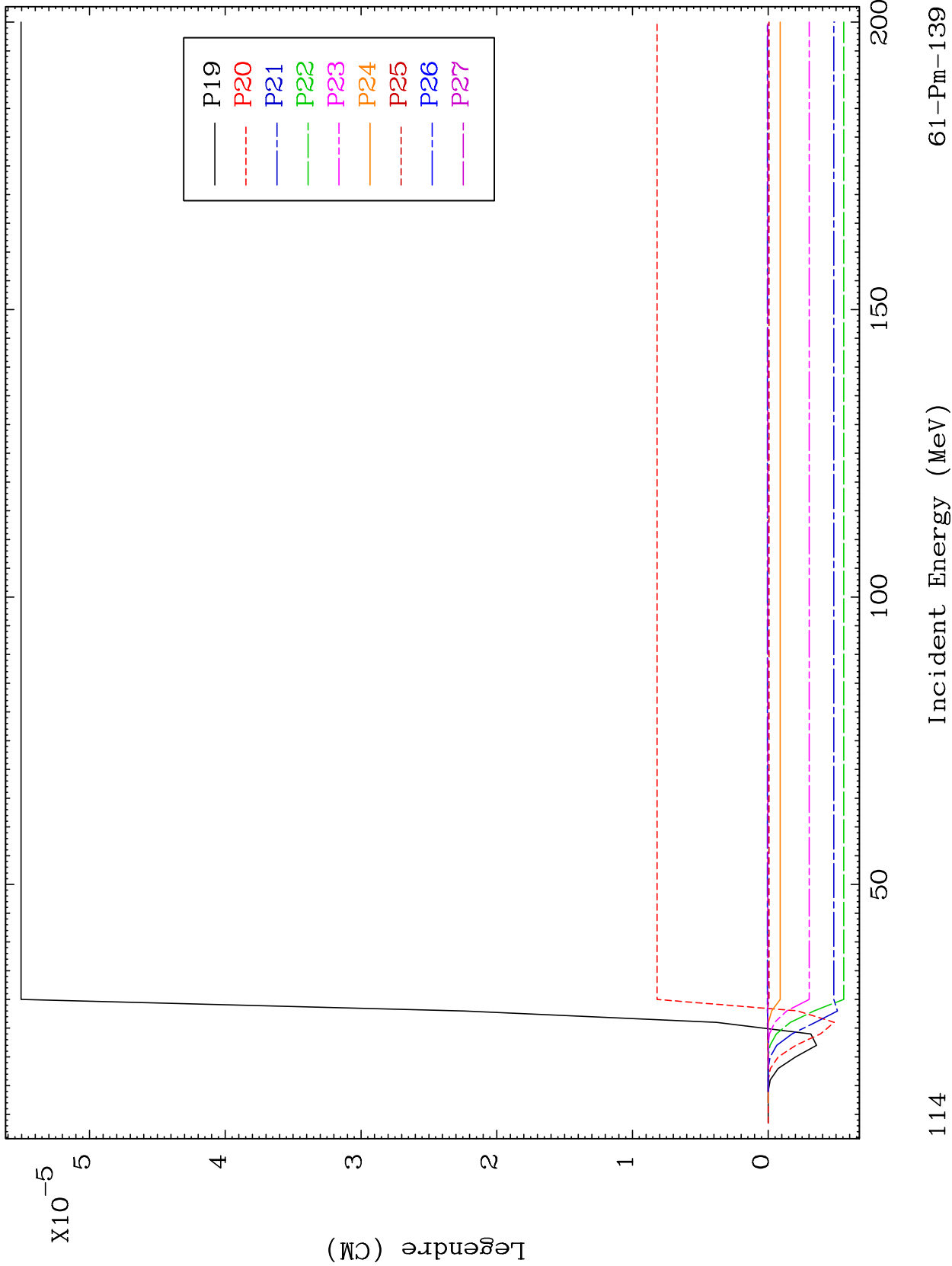
Incident Energy (MeV)

61-Pm-139

MAT 6125

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

61-Pm-139

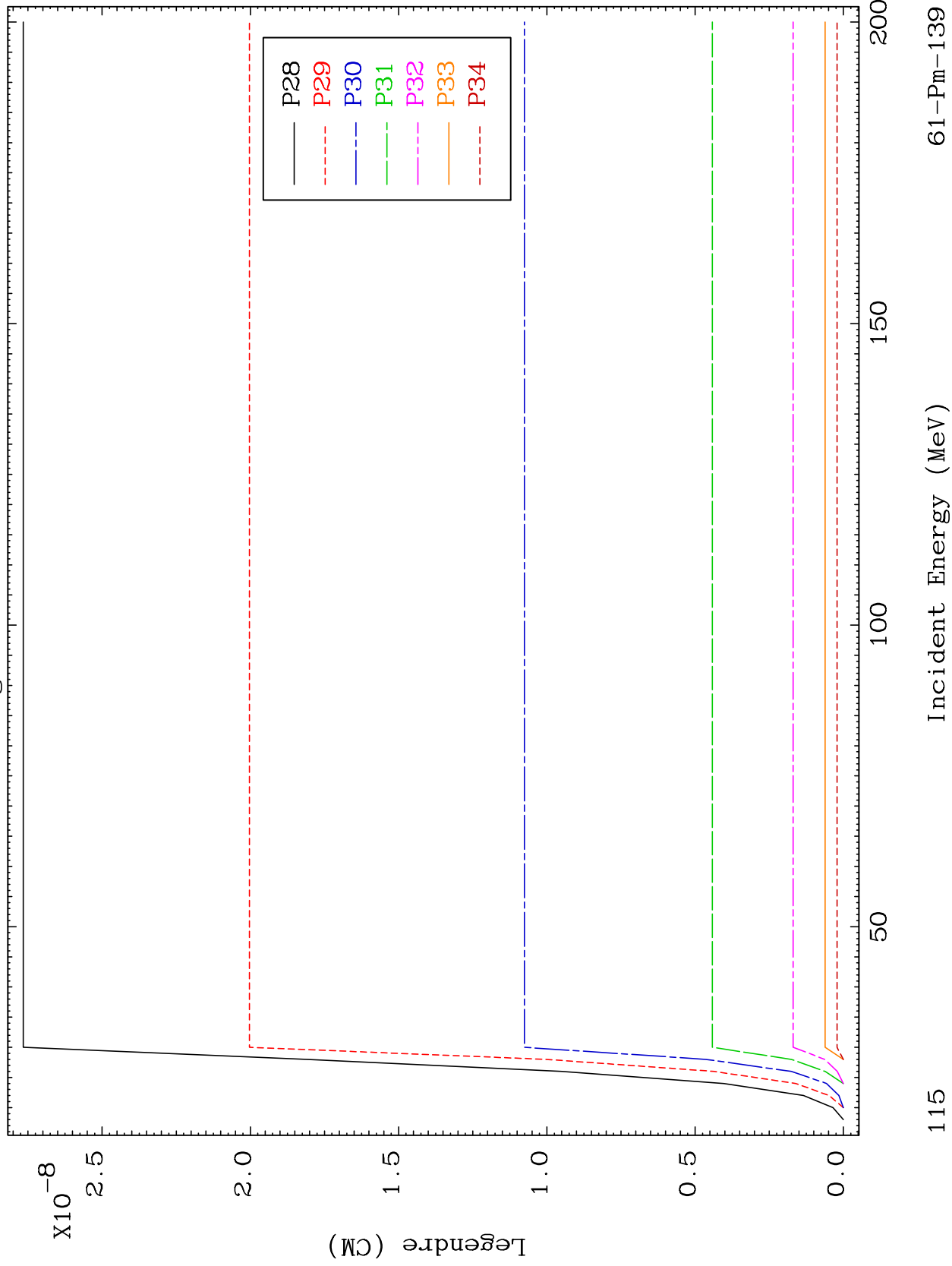


114

MAT 6125

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

61-Pm-139



115

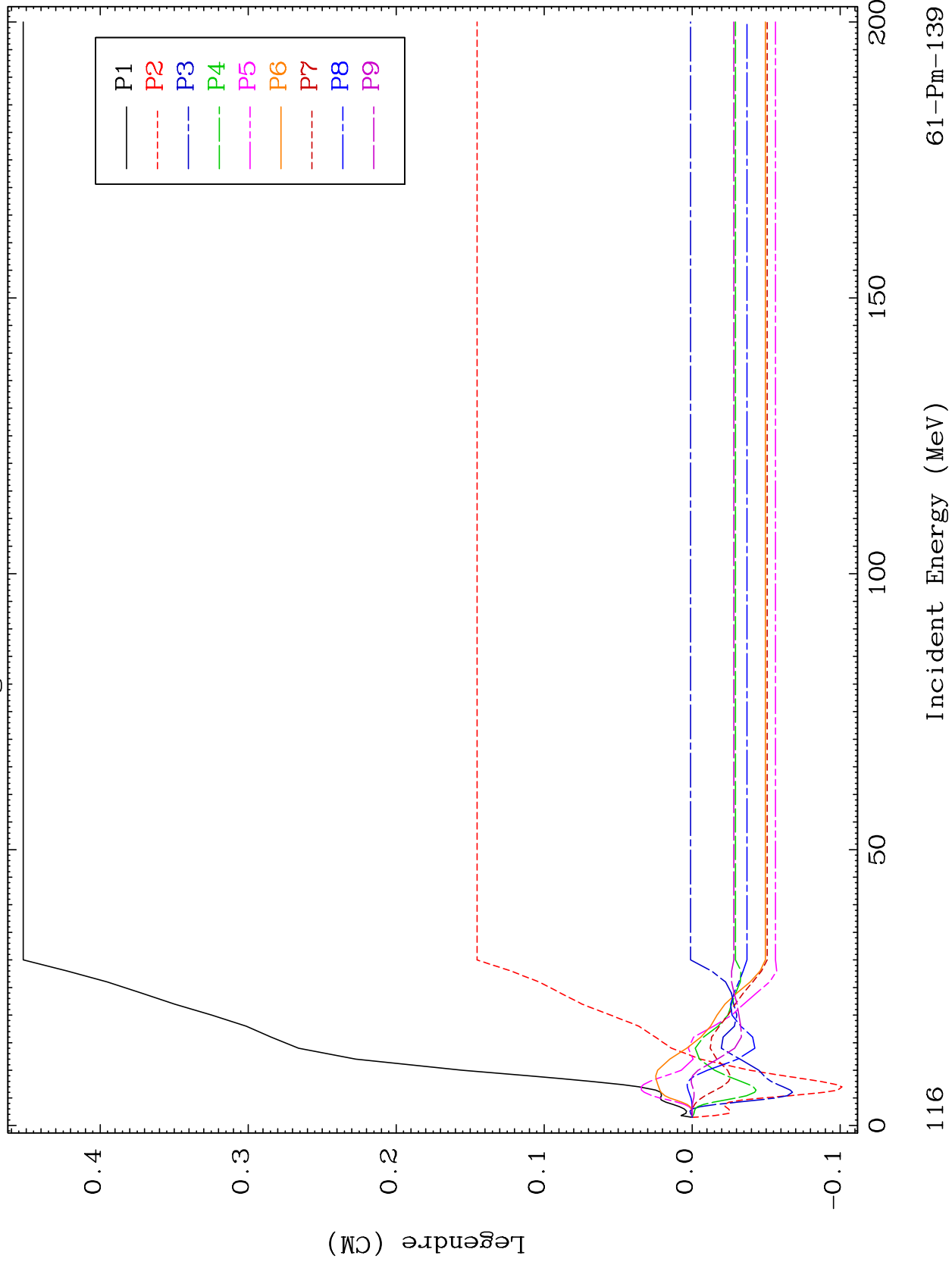
Incident Energy (MeV)

61-Pm-139

MAT 6125

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

61-Pm-139



61-Pm-139

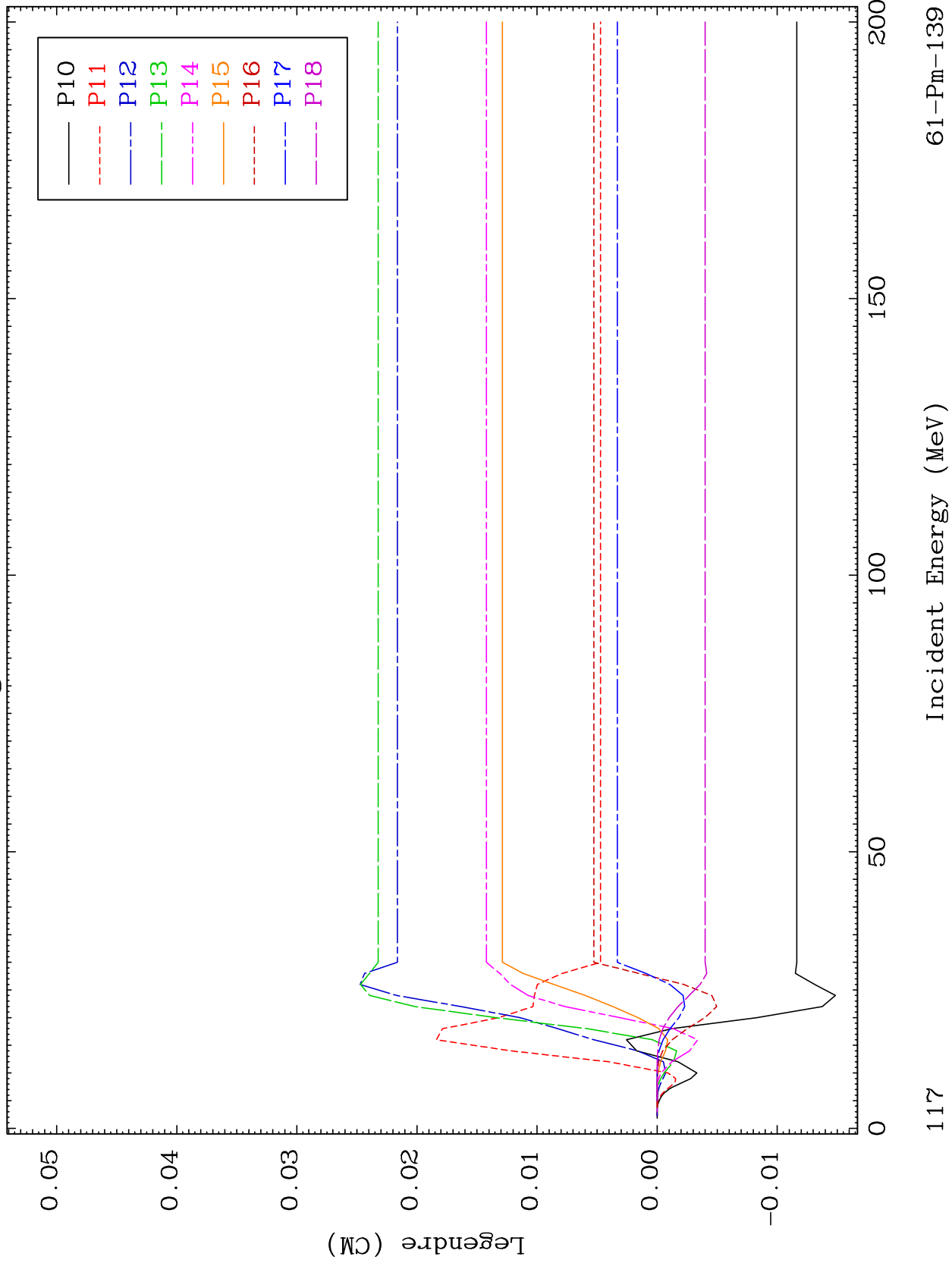
Incident Energy (MeV)

116

MAT 6125

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

61-Pm-139



61-Pm-139

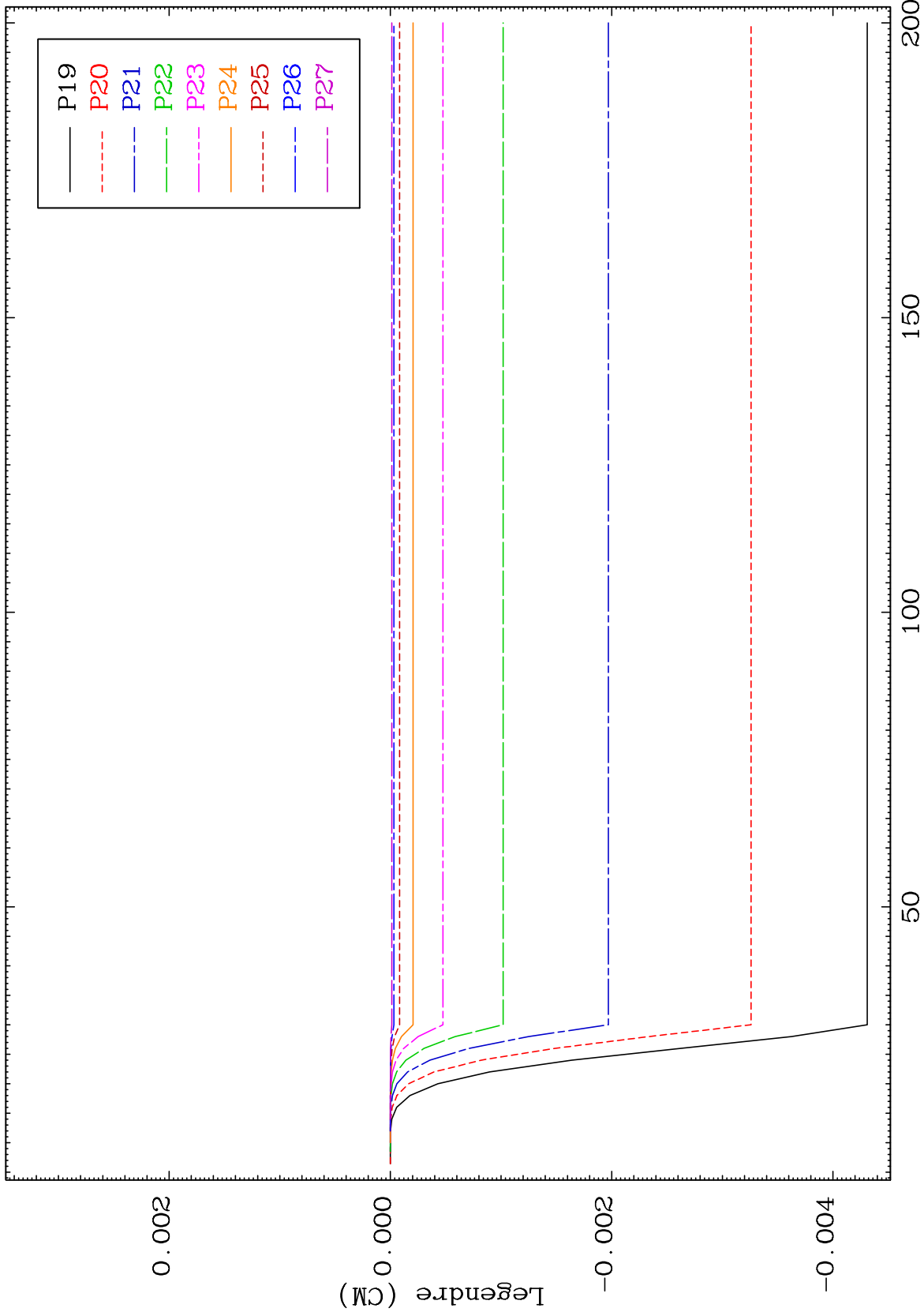
Incident Energy (MeV)

117

MAT 6125

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

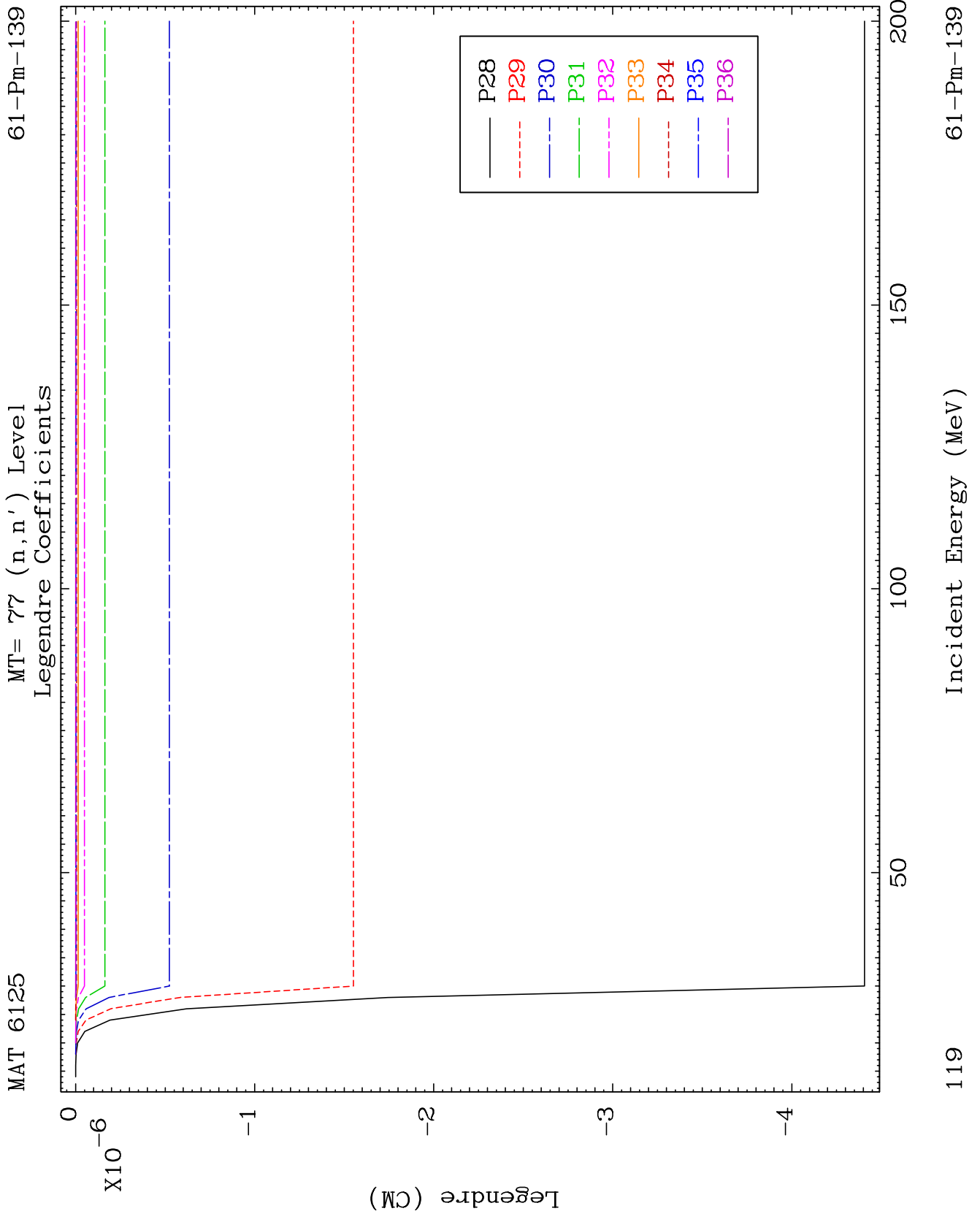
61-Pm-139

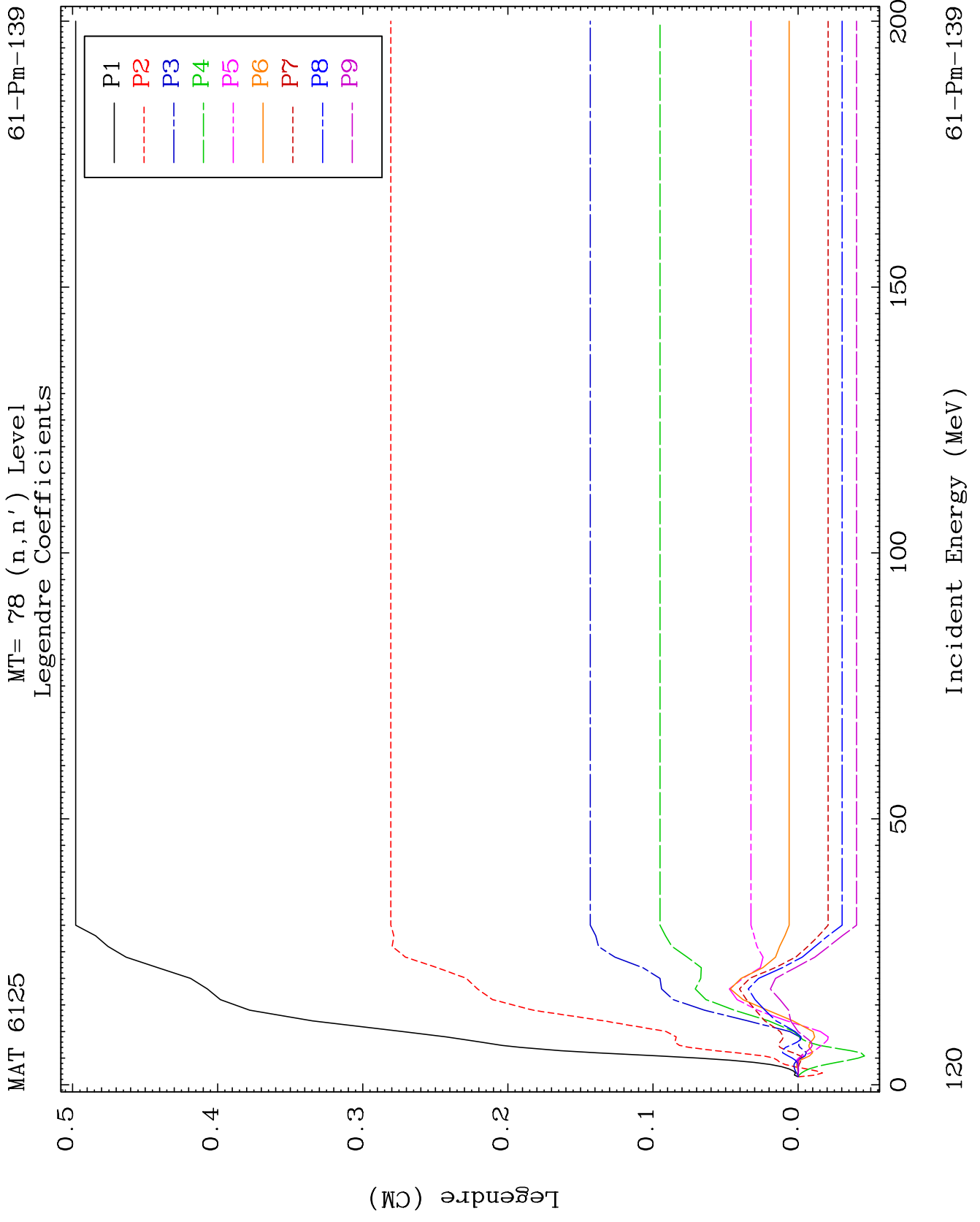


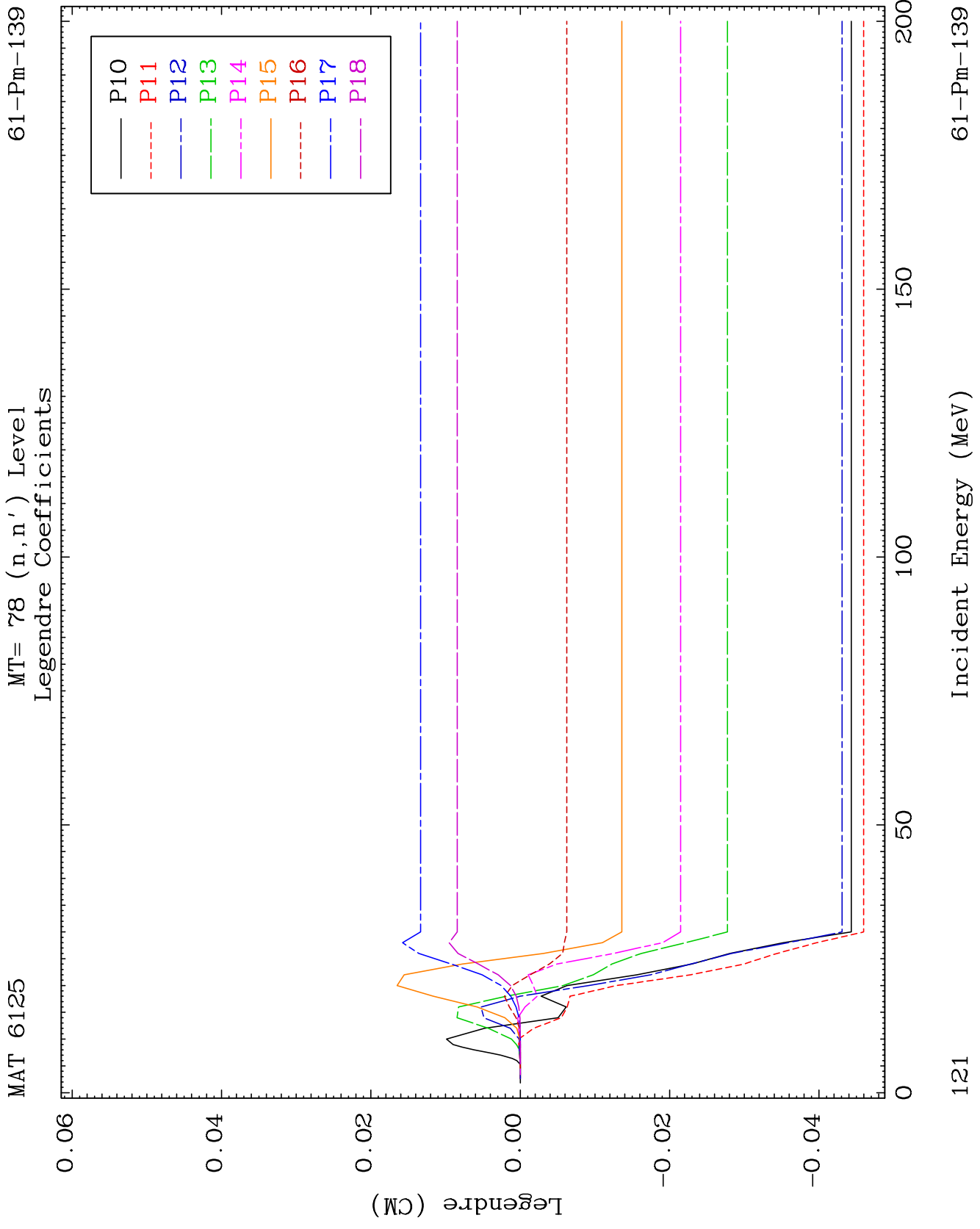
118

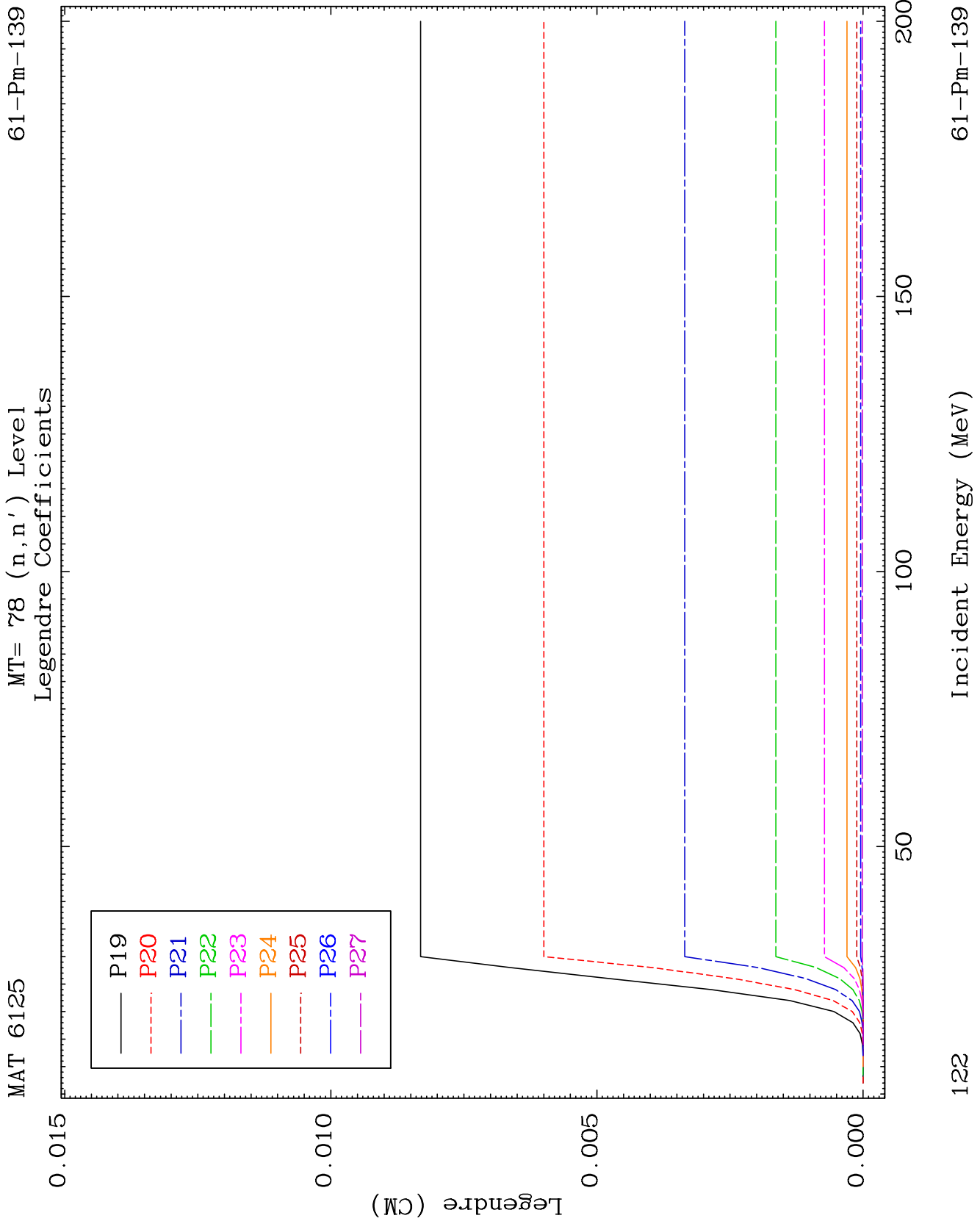
Incident Energy (MeV)

61-Pm-139





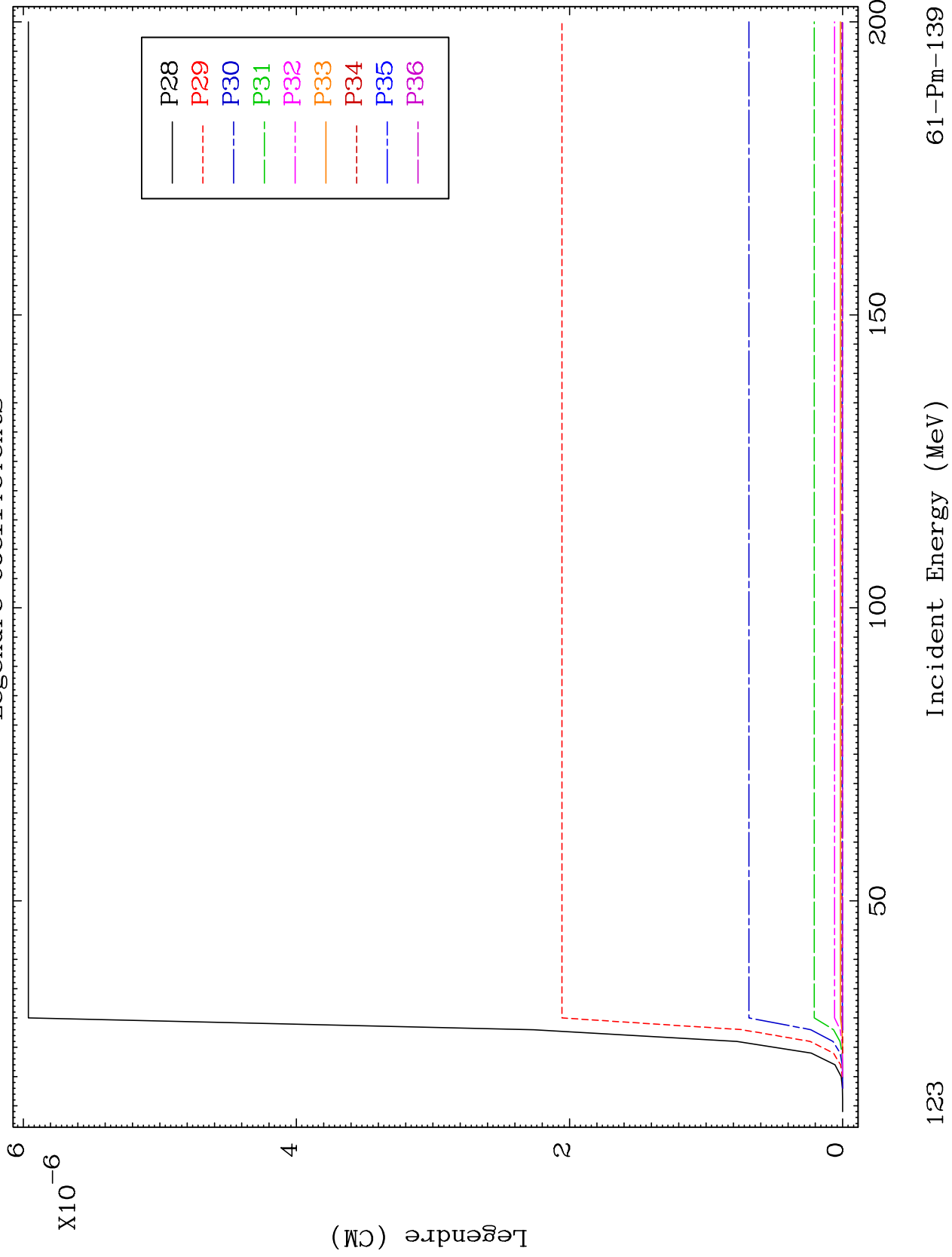




MAT 6125

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

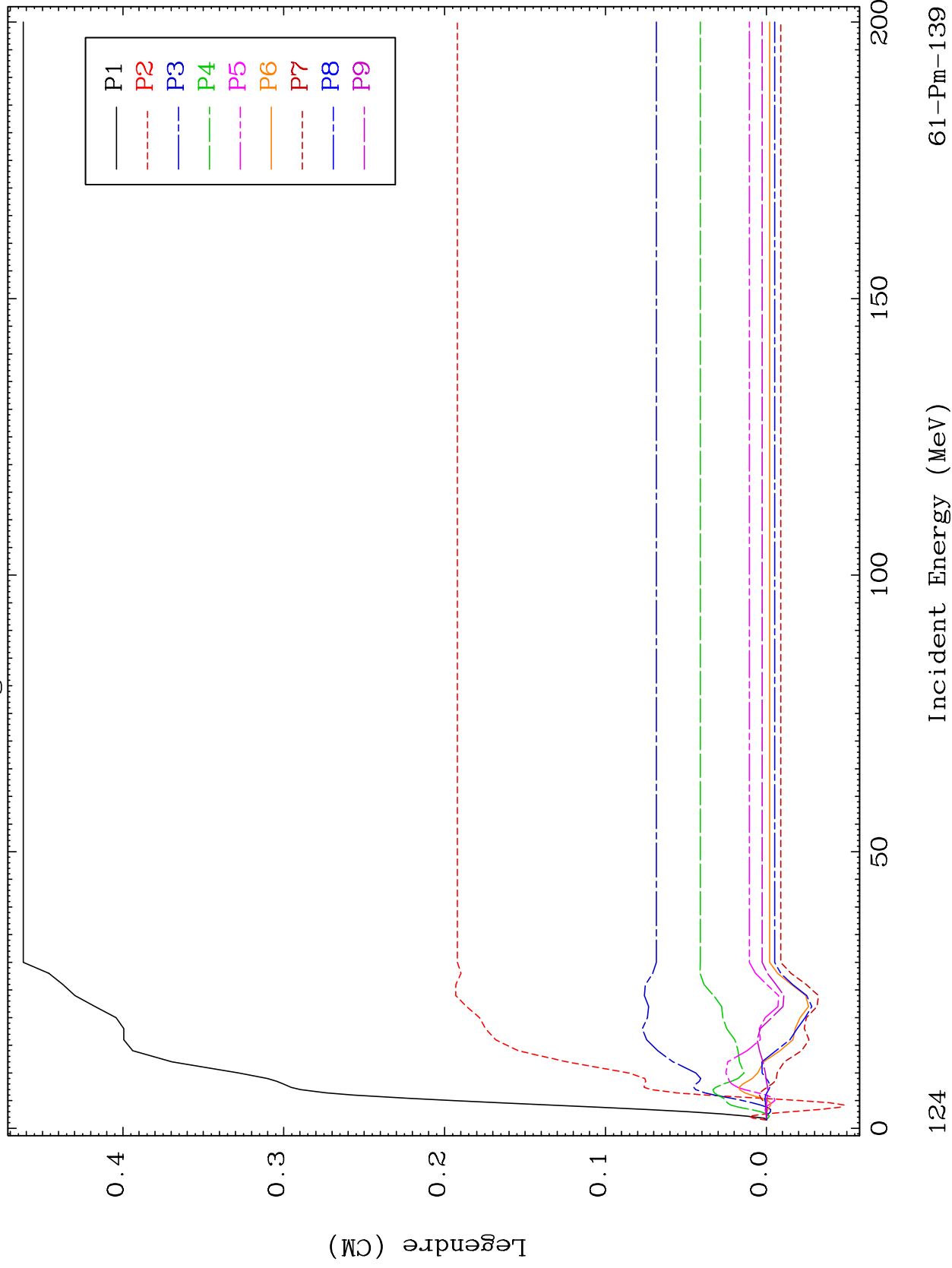
61-Pm-139



MAT 6125

MT= 79 (n,n') Level
Legendre Coefficients

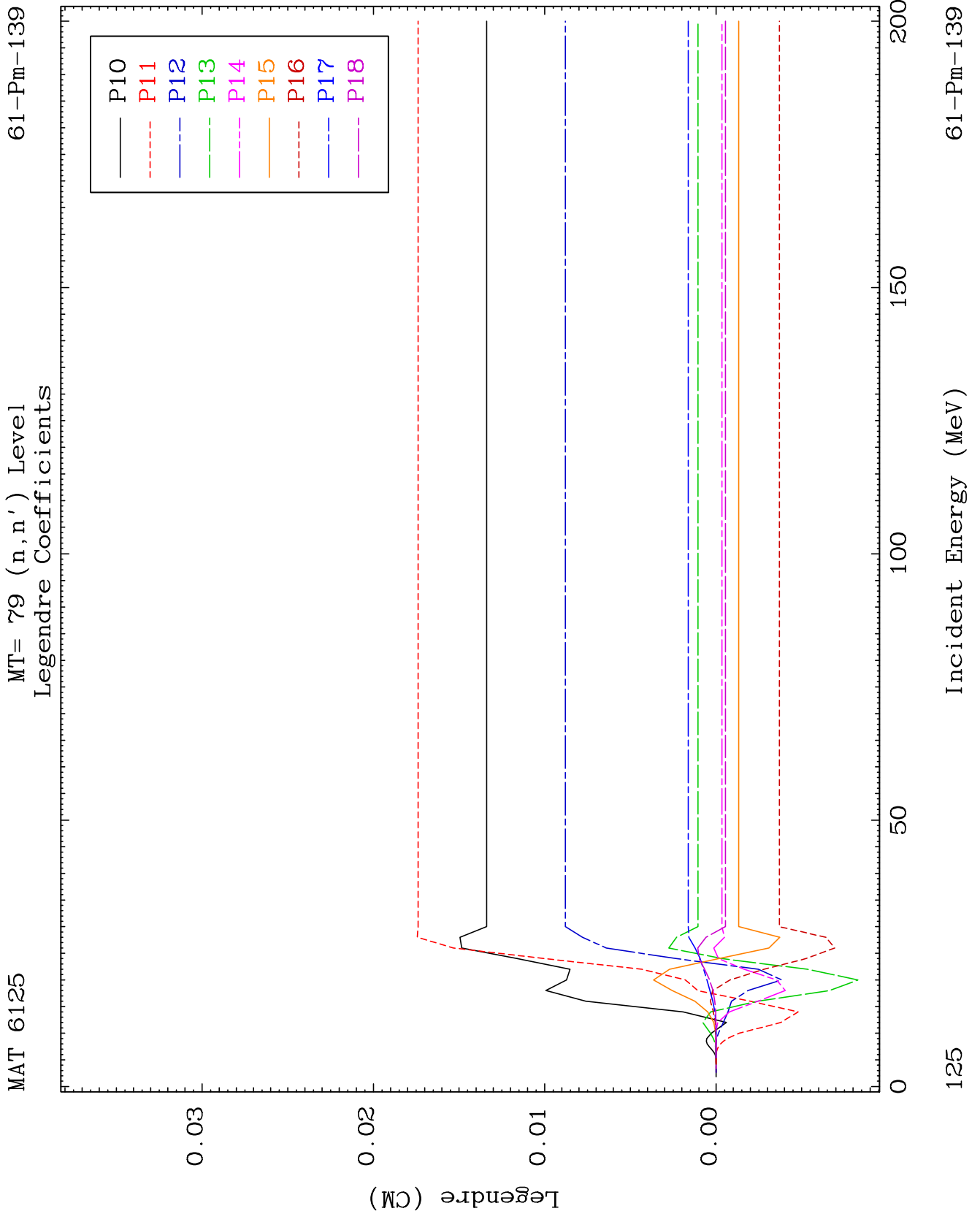
61-Pm-139



61-Pm-139

Incident Energy (MeV)

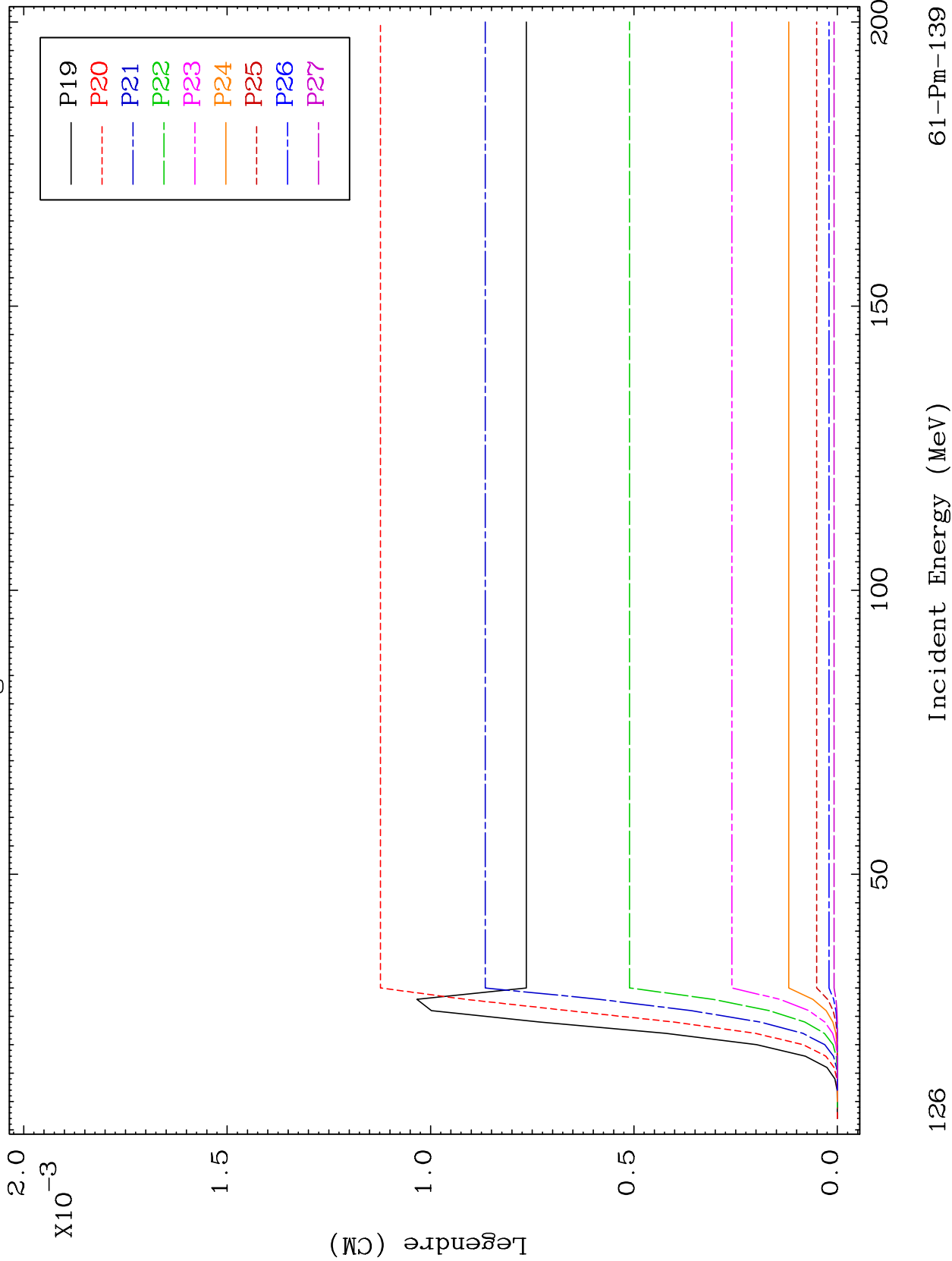
124



MAT 6125

MT= 79 (n,n') Level
Legendre Coefficients

61-Pm-139



126

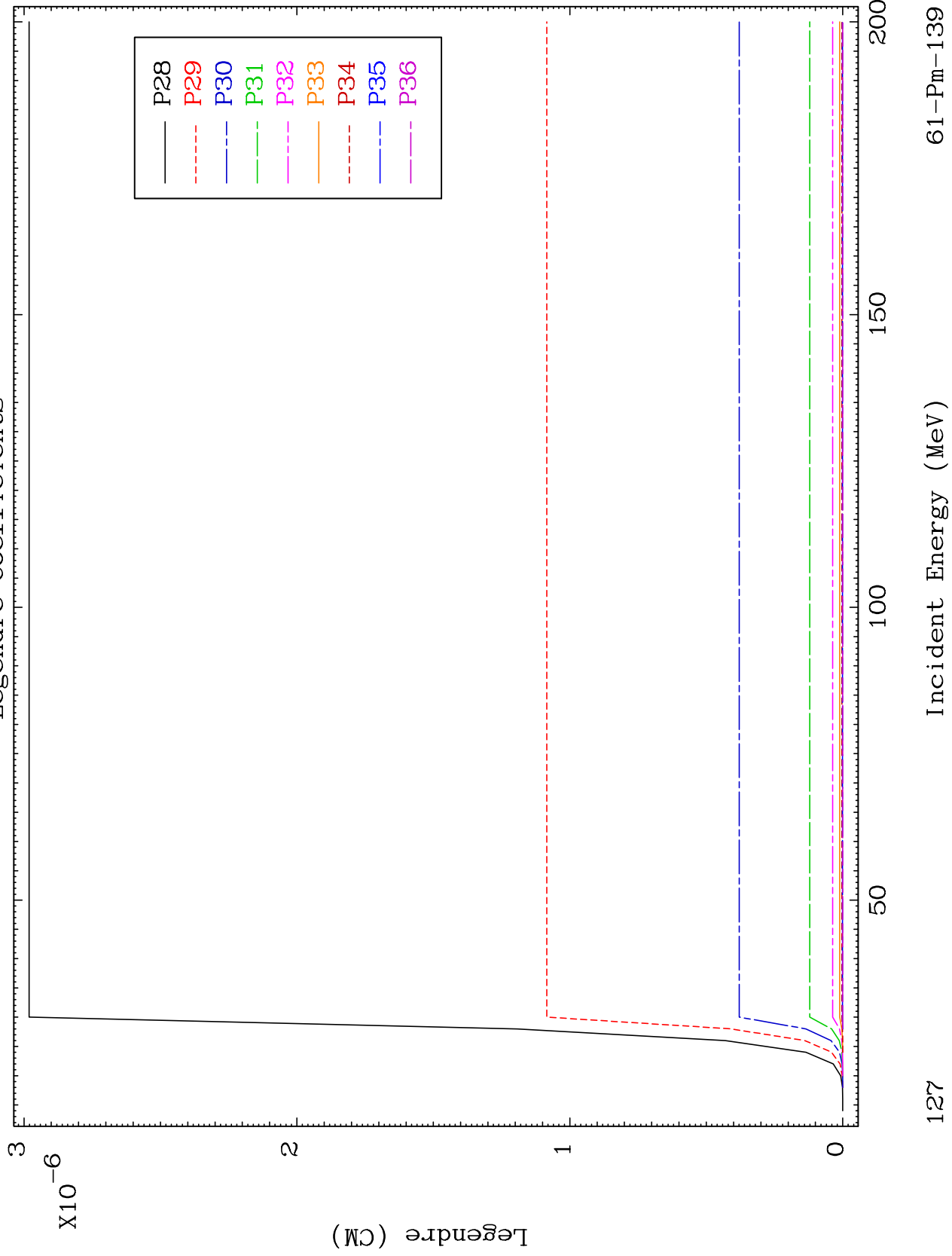
Incident Energy (MeV)

61-Pm-139

MAT 6125

MT= 79 (n,n') Level
Legendre Coefficients

61-Pm-139

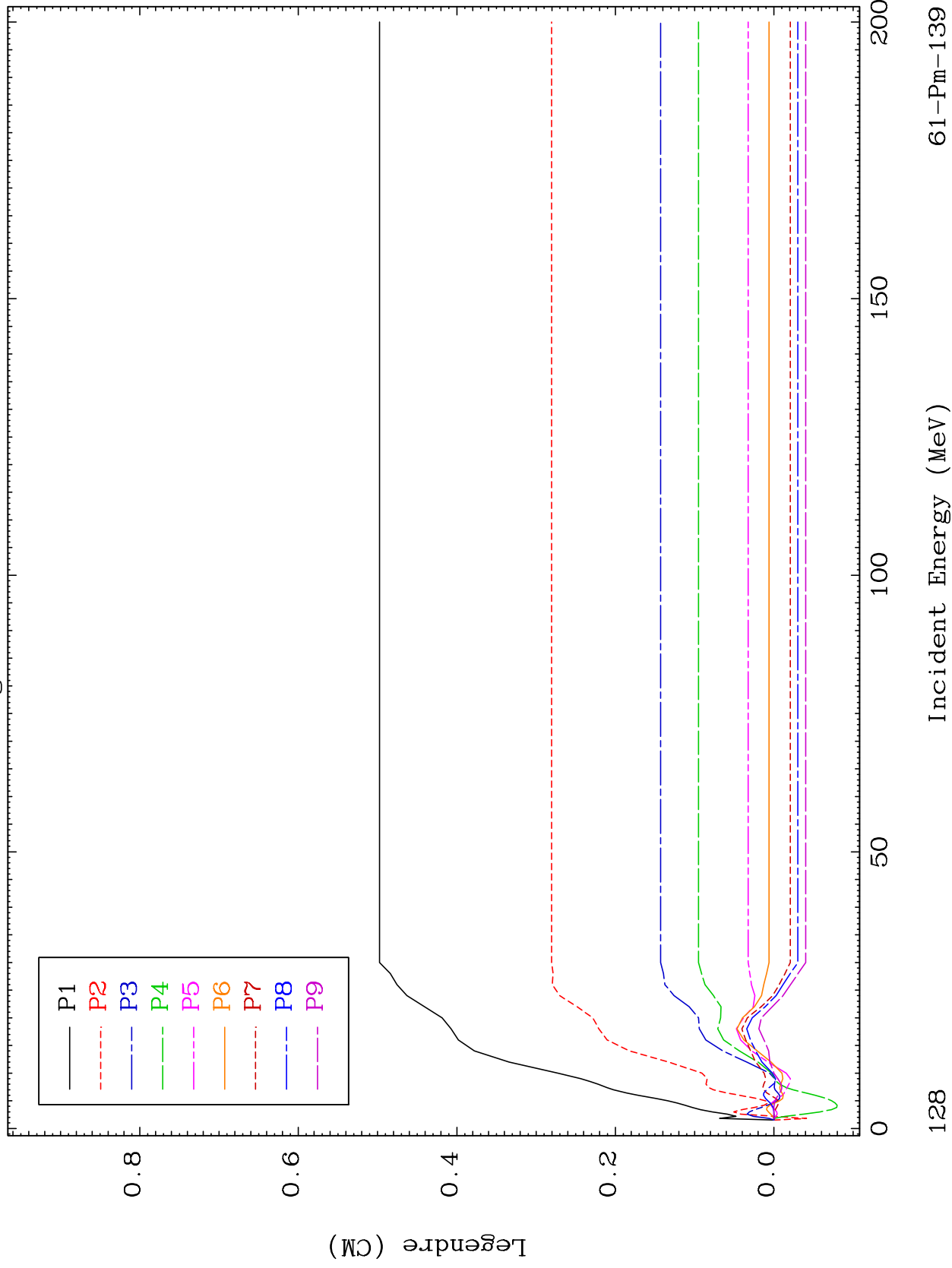


127

MAT 6125

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

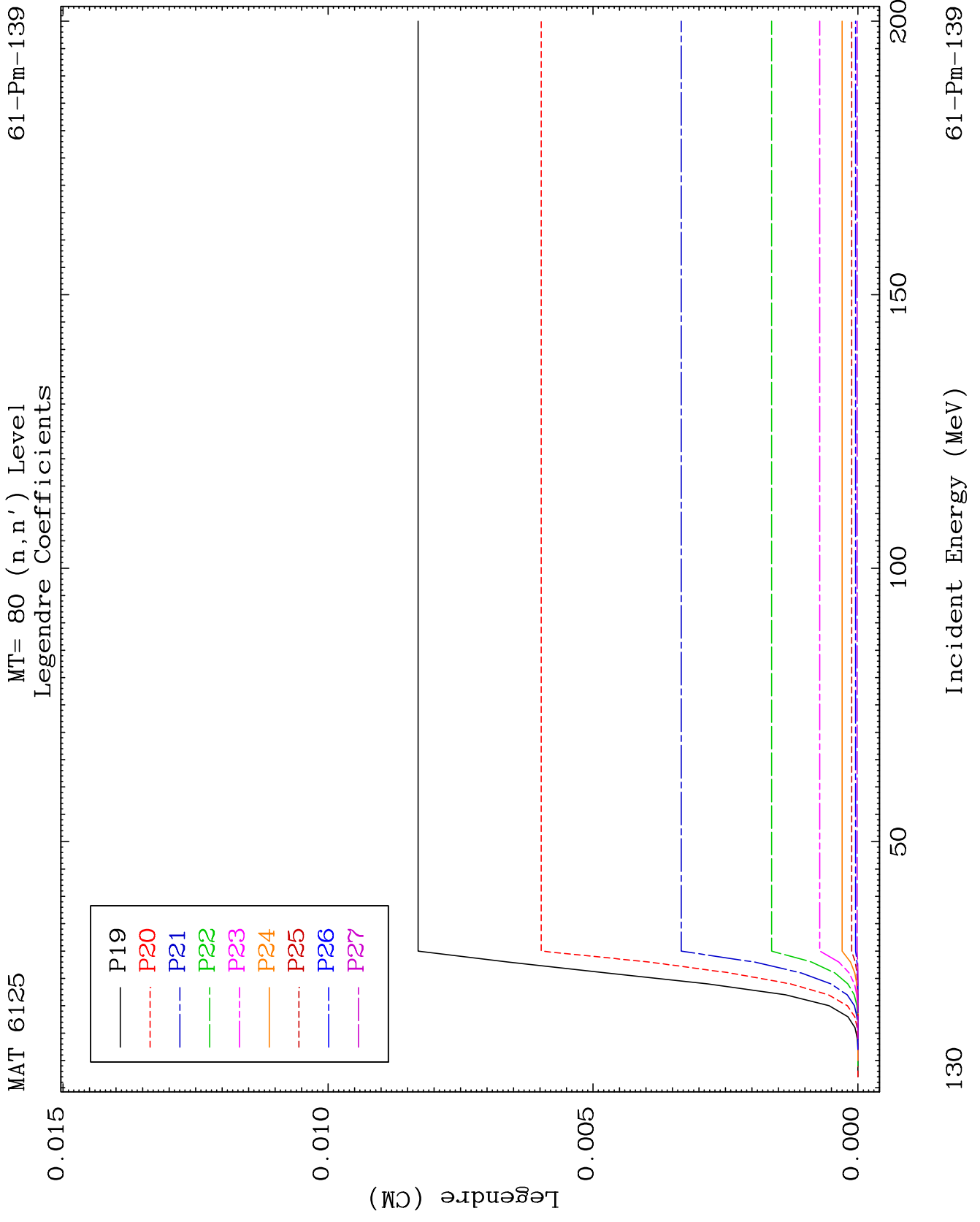
61-Pm-139

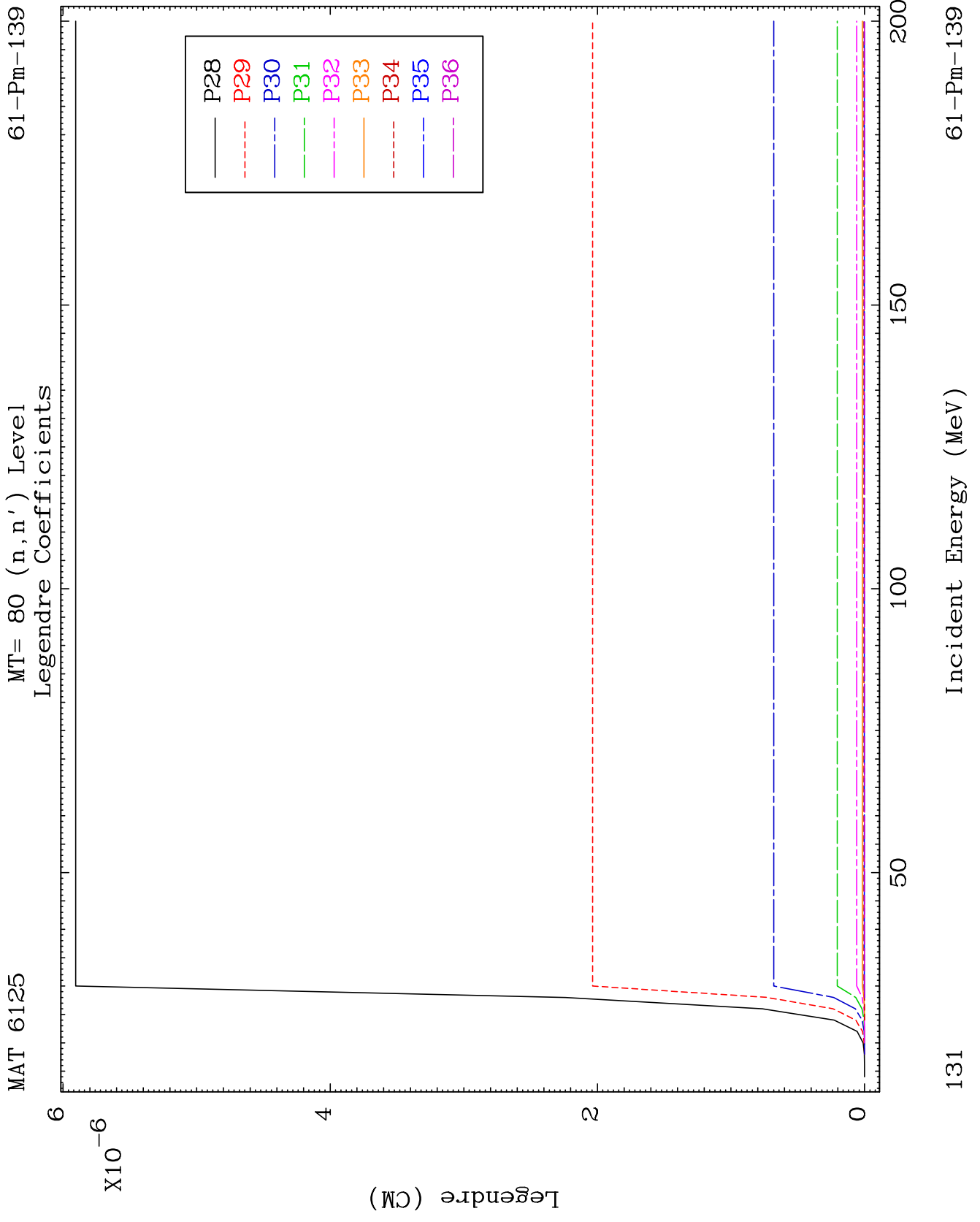


61-Pm-139

Incident Energy (MeV)

128

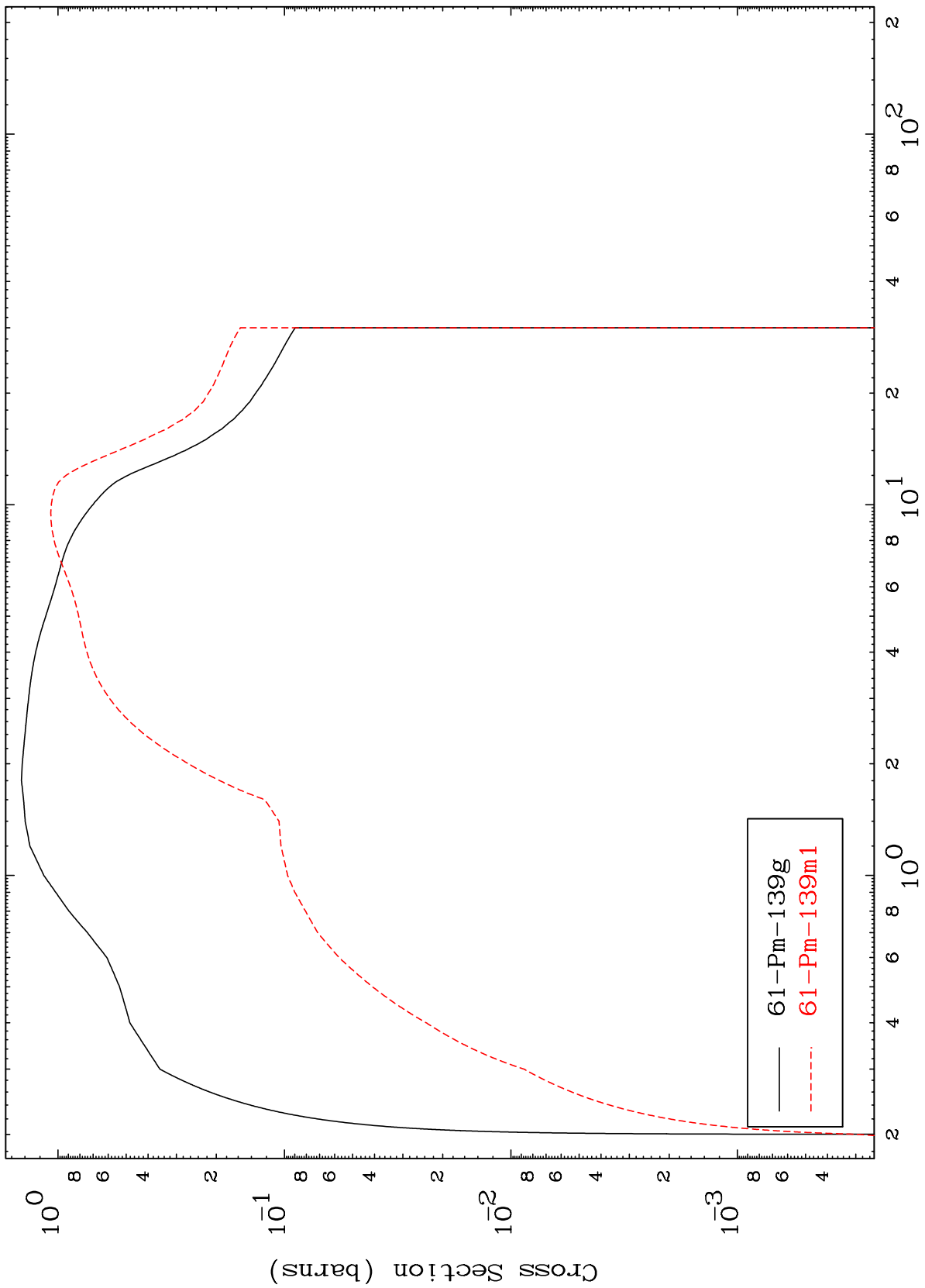




MAT 6125

61-Pm-139

Inelastic
Radionuclide Production Cross Section



61-Pm-139

Incident Energy (MeV)

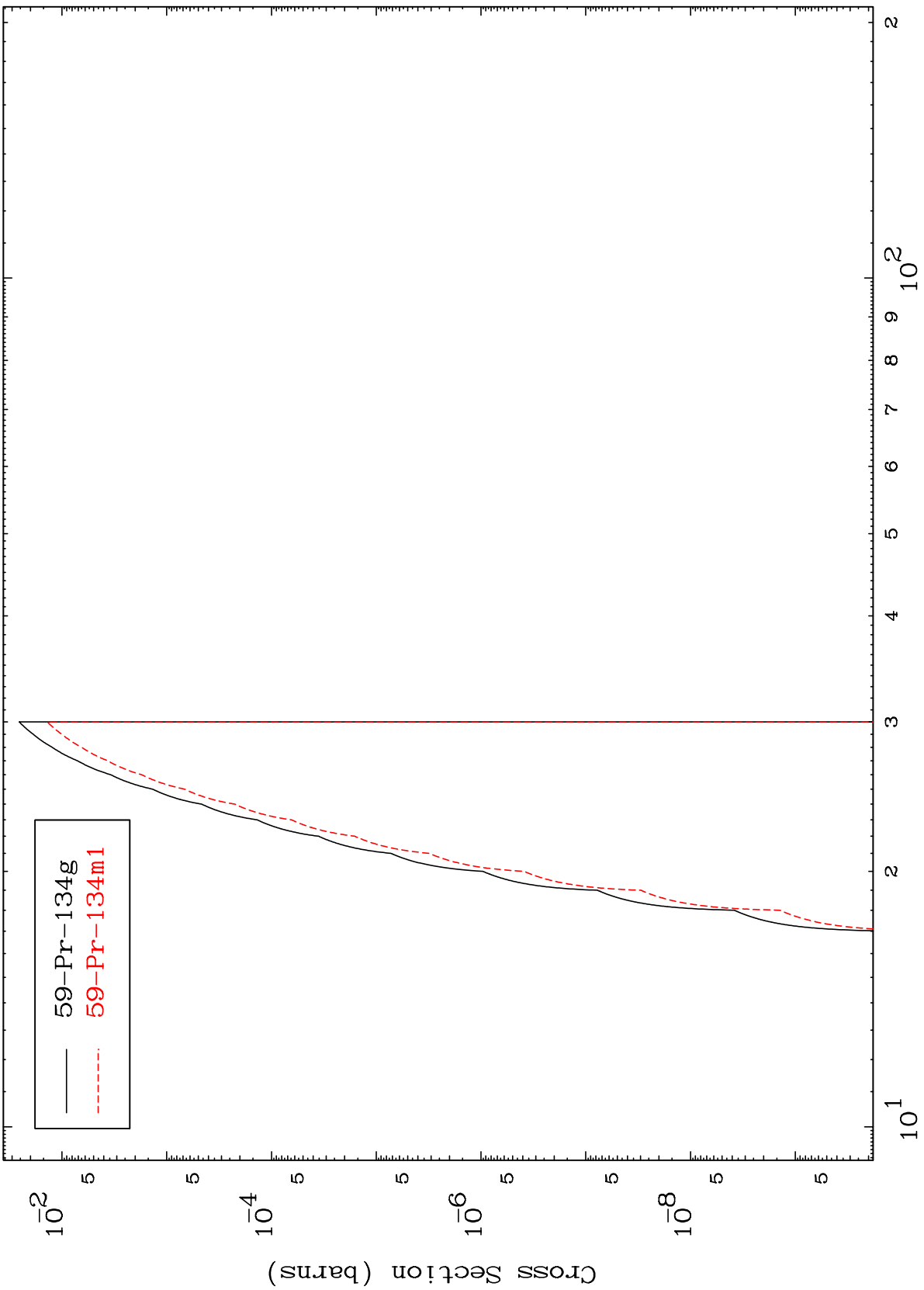
132

MAT 6125

(n,2n) α

61-Pm-139

Radionuclide Production Cross Section



59-Pr-134g
59-Pr-134m1

Incident Energy (MeV)

61-Pm-139

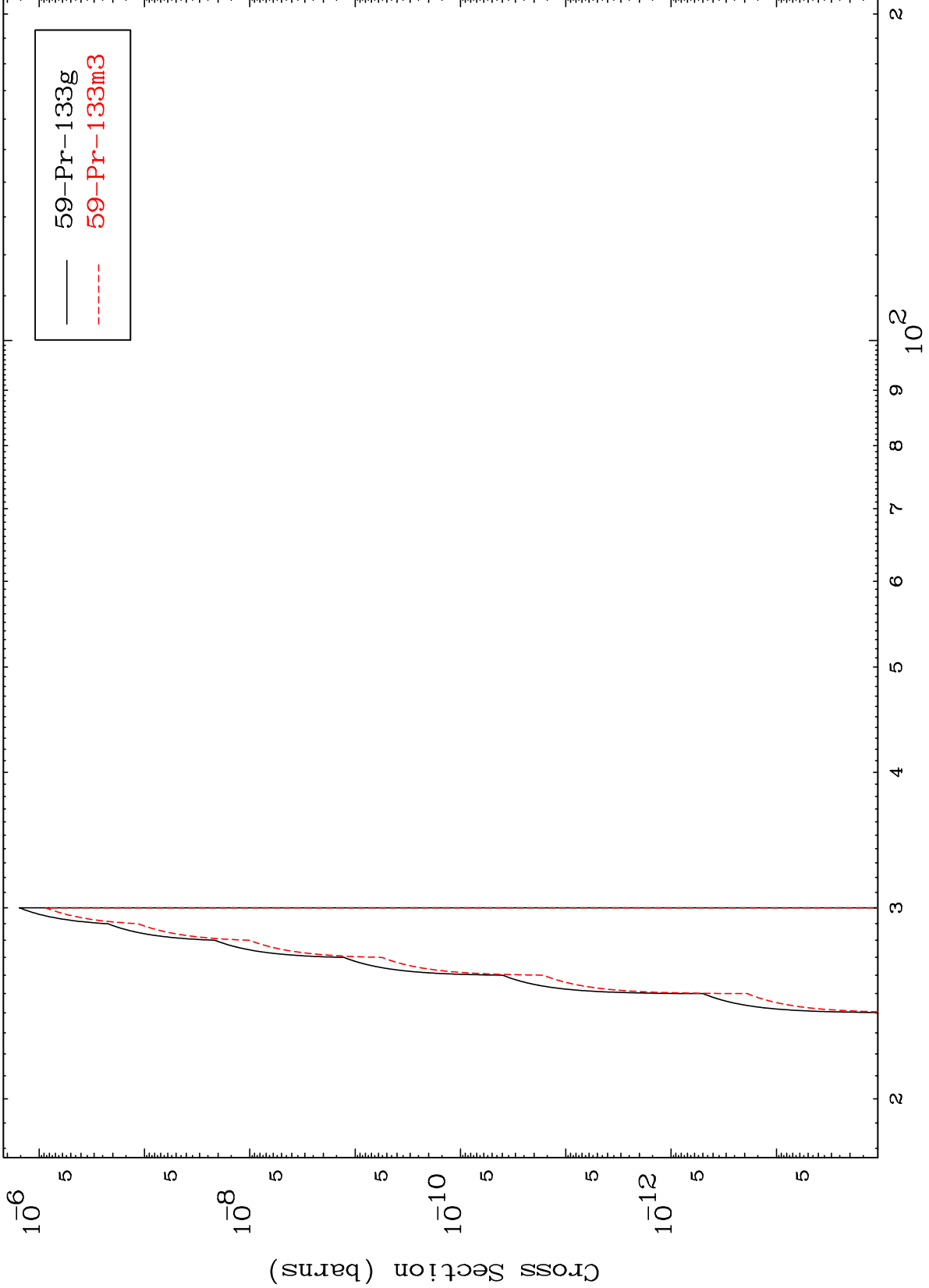
133

MAT 6125

(n,3n) α

61-Pm-139

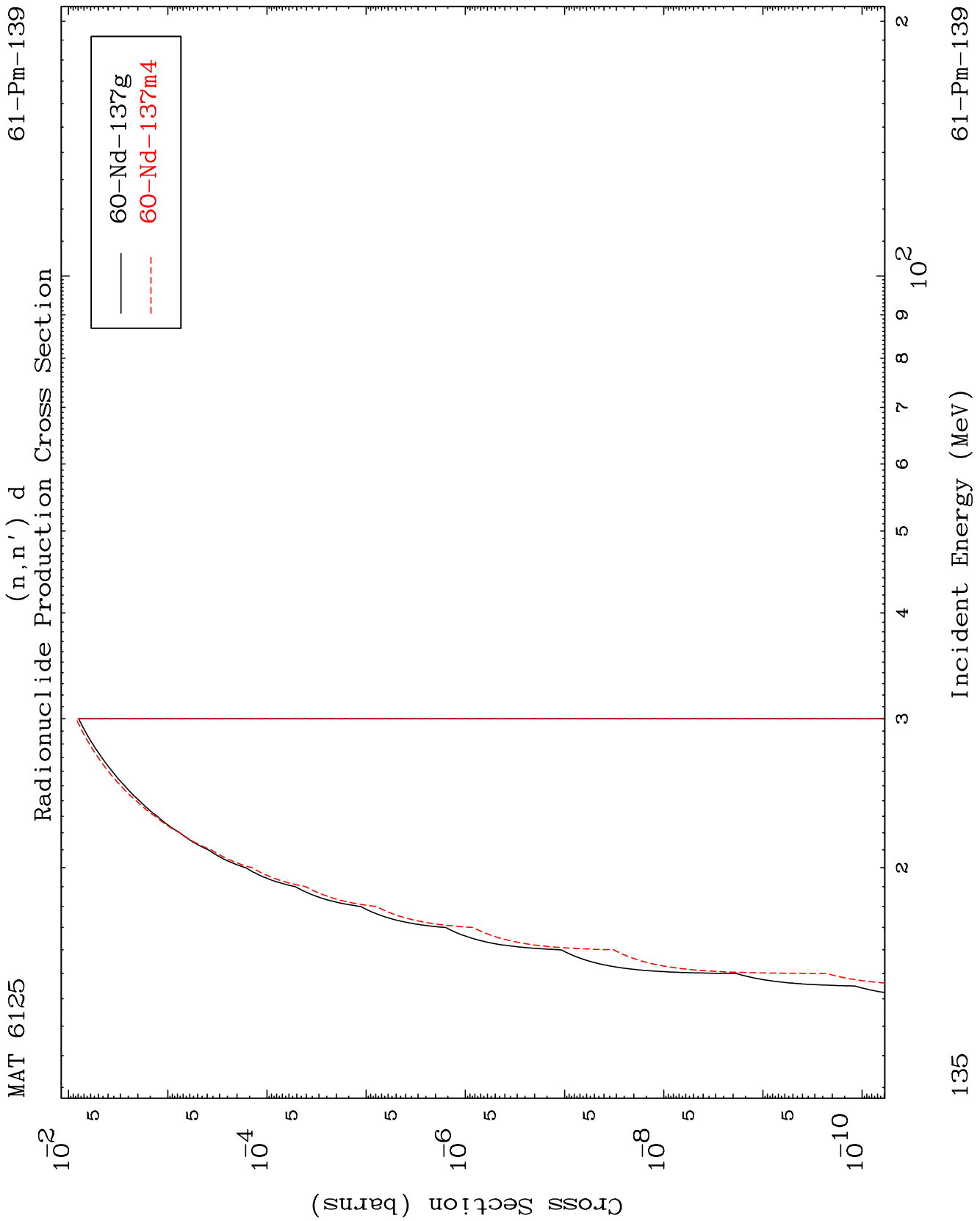
Radionuclide Production Cross Section



134

Incident Energy (MeV)

61-Pm-139

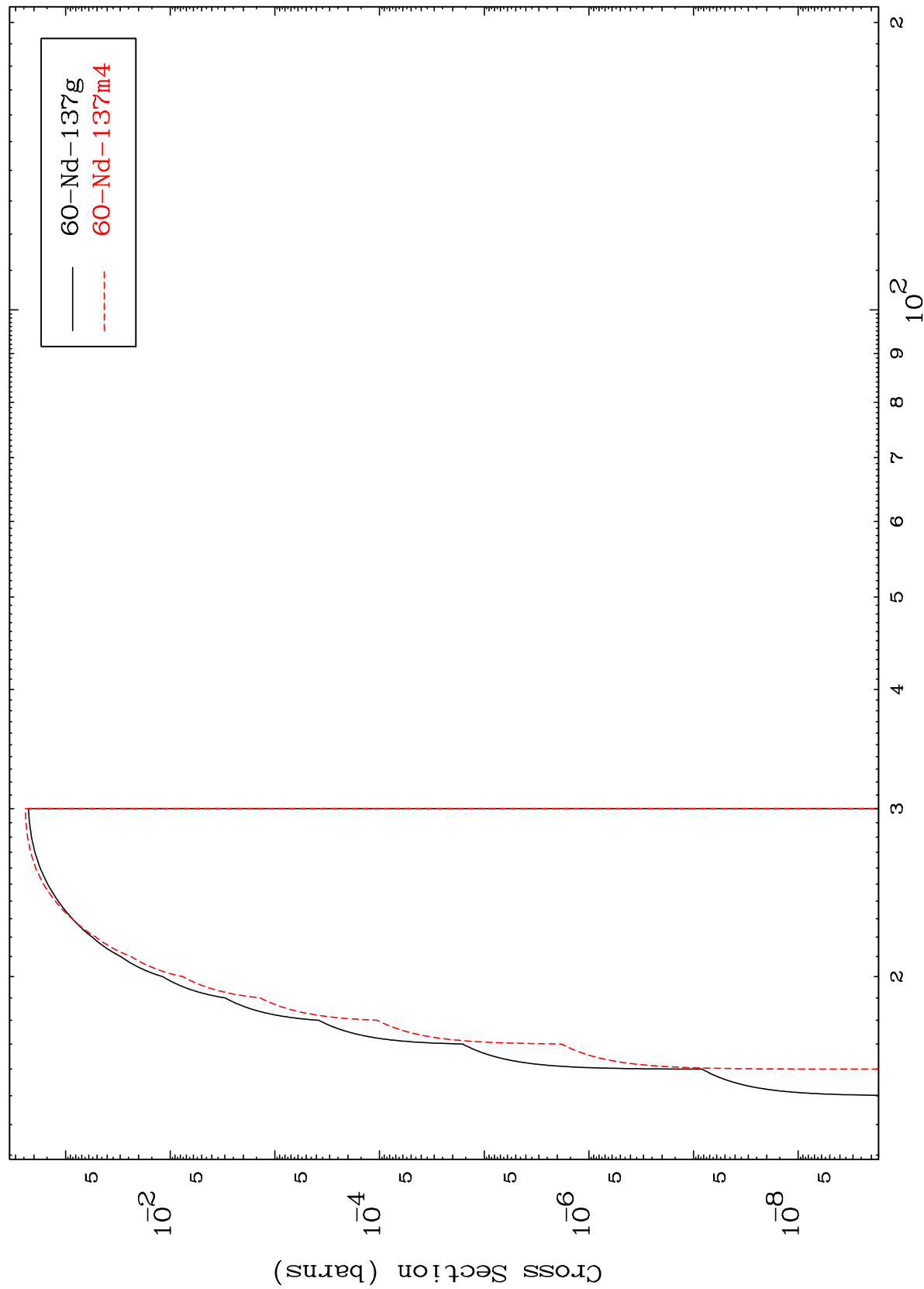


MAT 6125

(n,2n) p

61-Pm-139

Radionuclide Production Cross Section



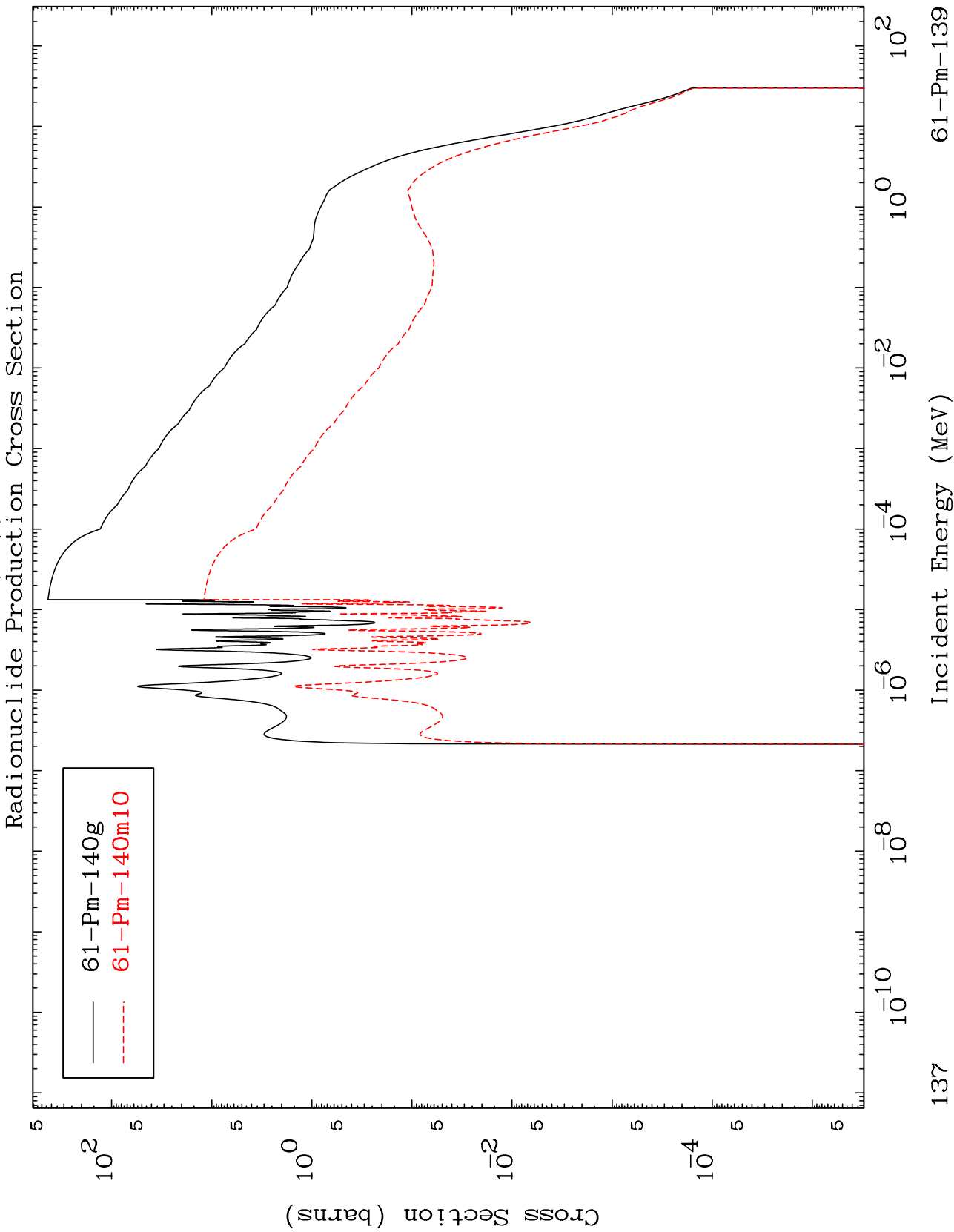
136

Incident Energy (MeV)

61-Pm-139

MAT 6125

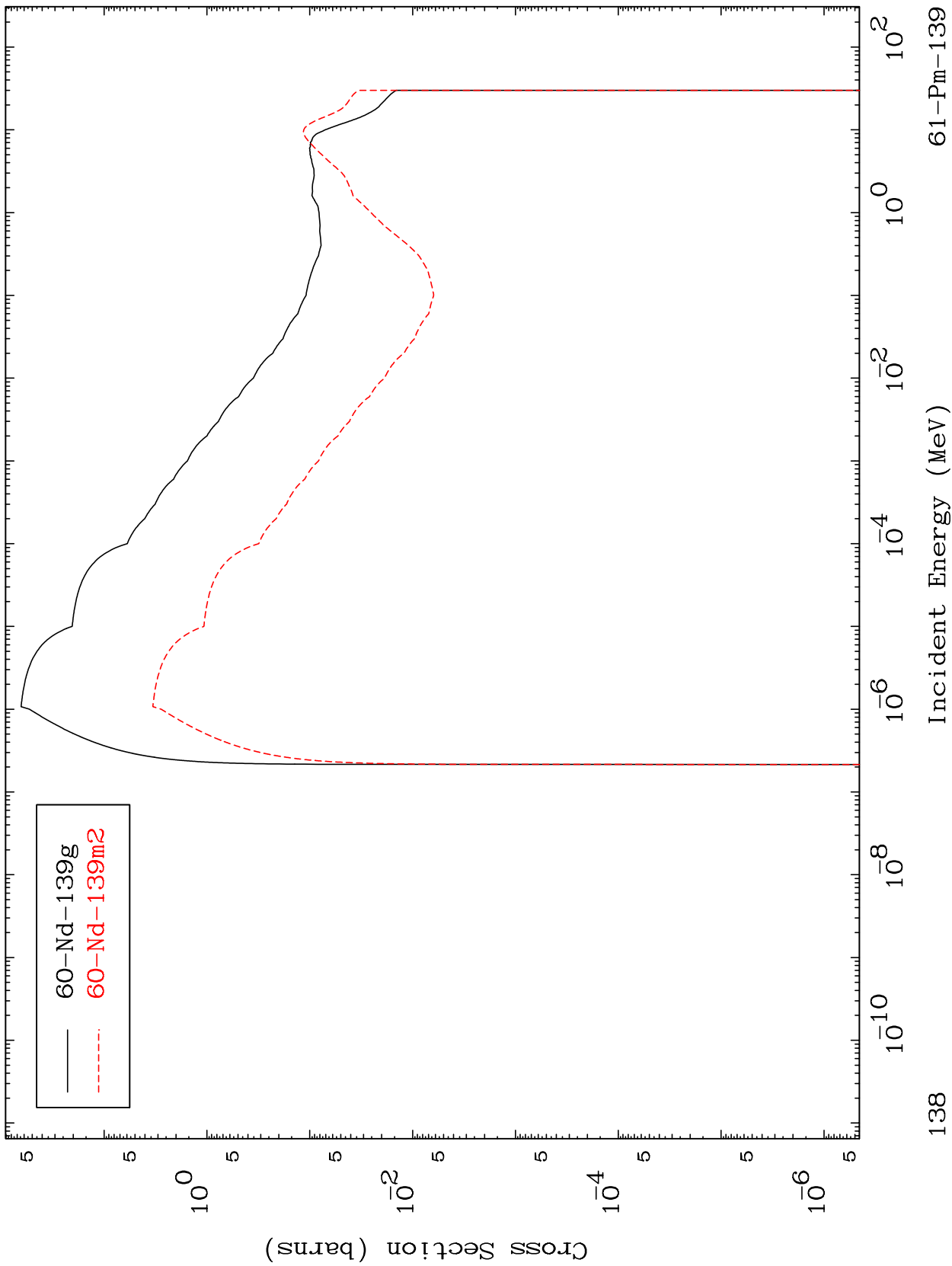
61-Pm-139



MAT 6125

61-Pm-139

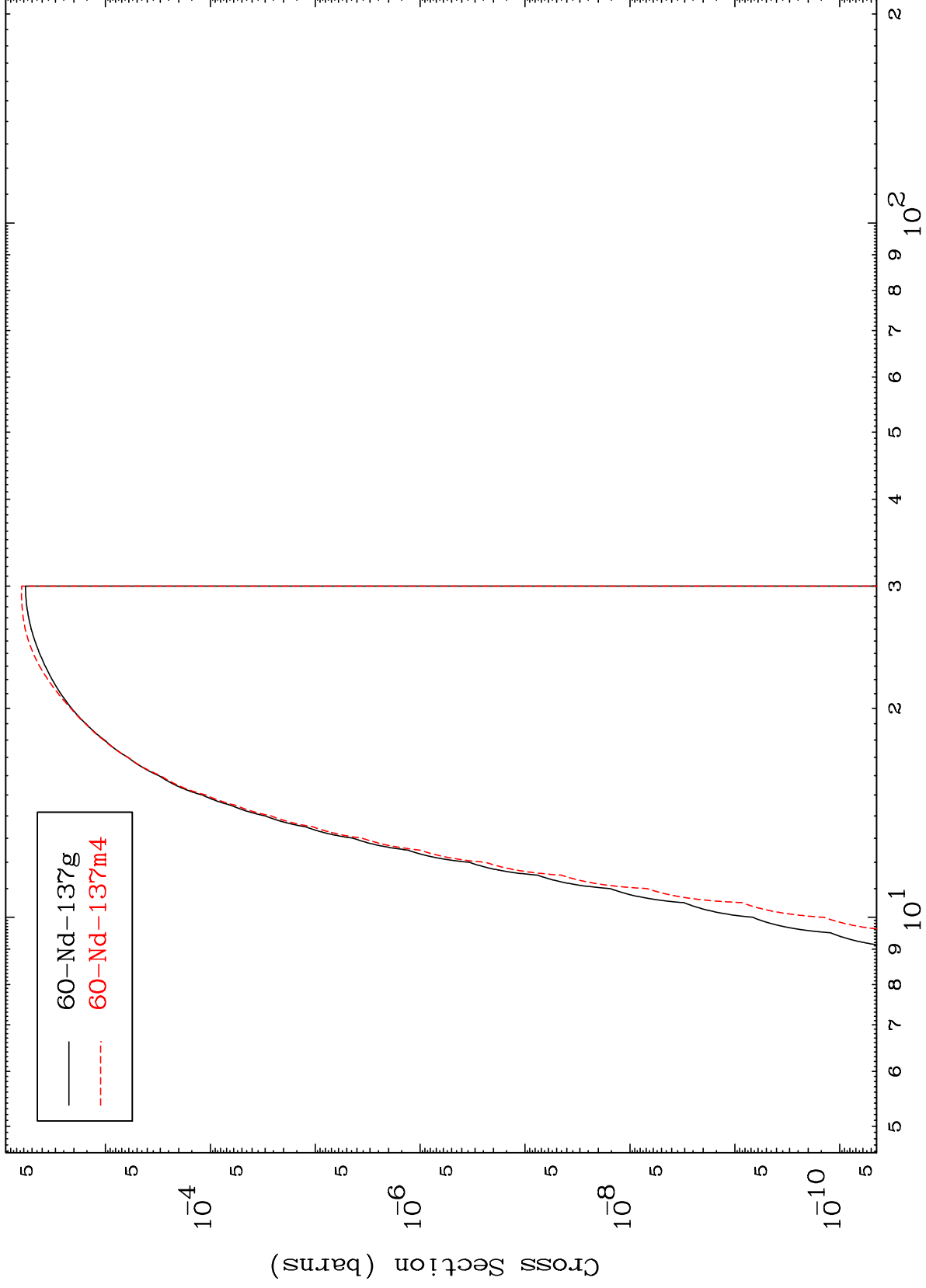
(n,p)
Radionuclide Production Cross Section



MAT 6125

61-Pm-139

(n, t)
Radionuclide Production Cross Section



139

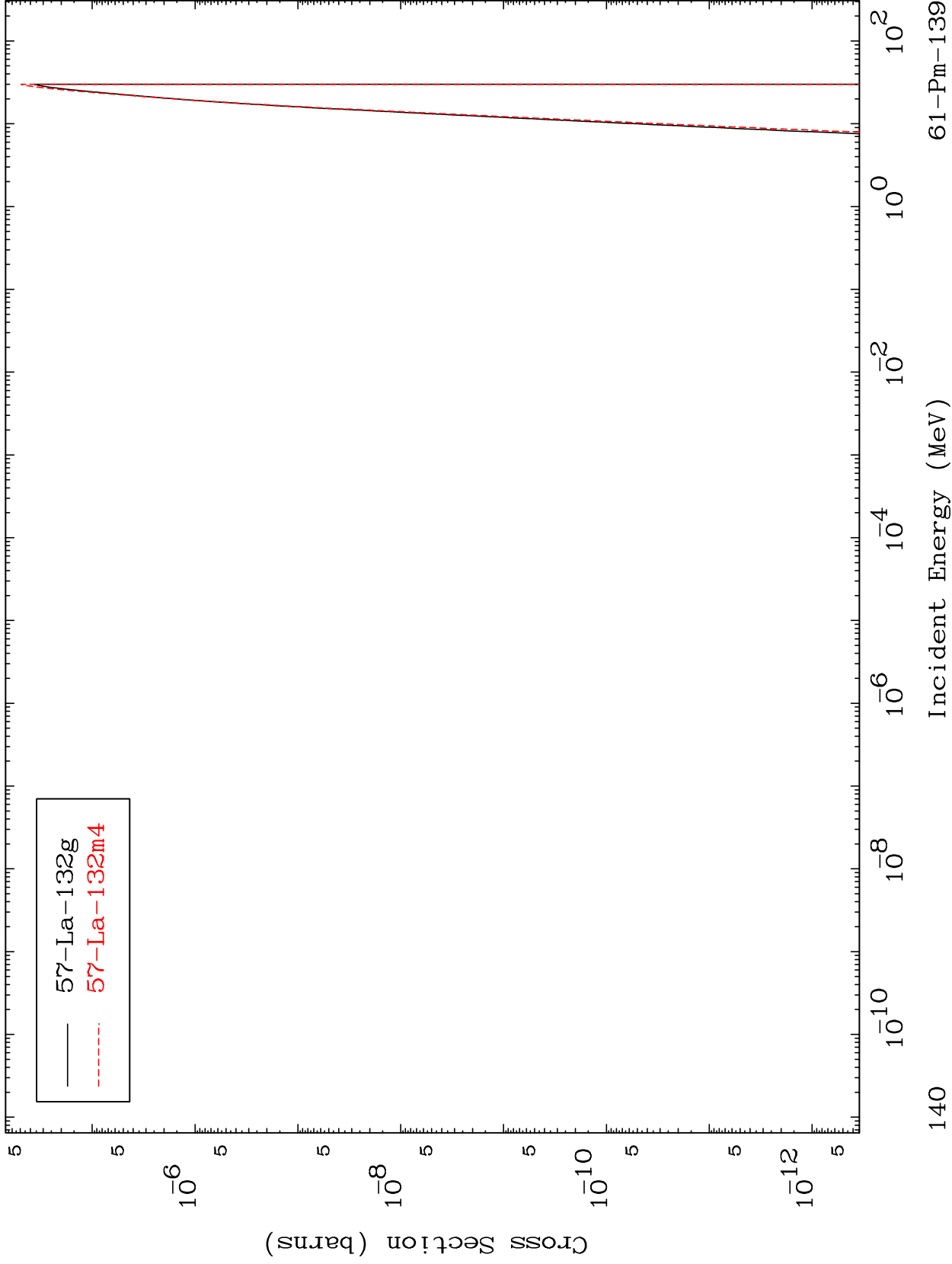
Incident Energy (MeV)

61-Pm-139

MAT 6125

61-Pm-139

Radionuclide Production Cross Section
(n,2α)



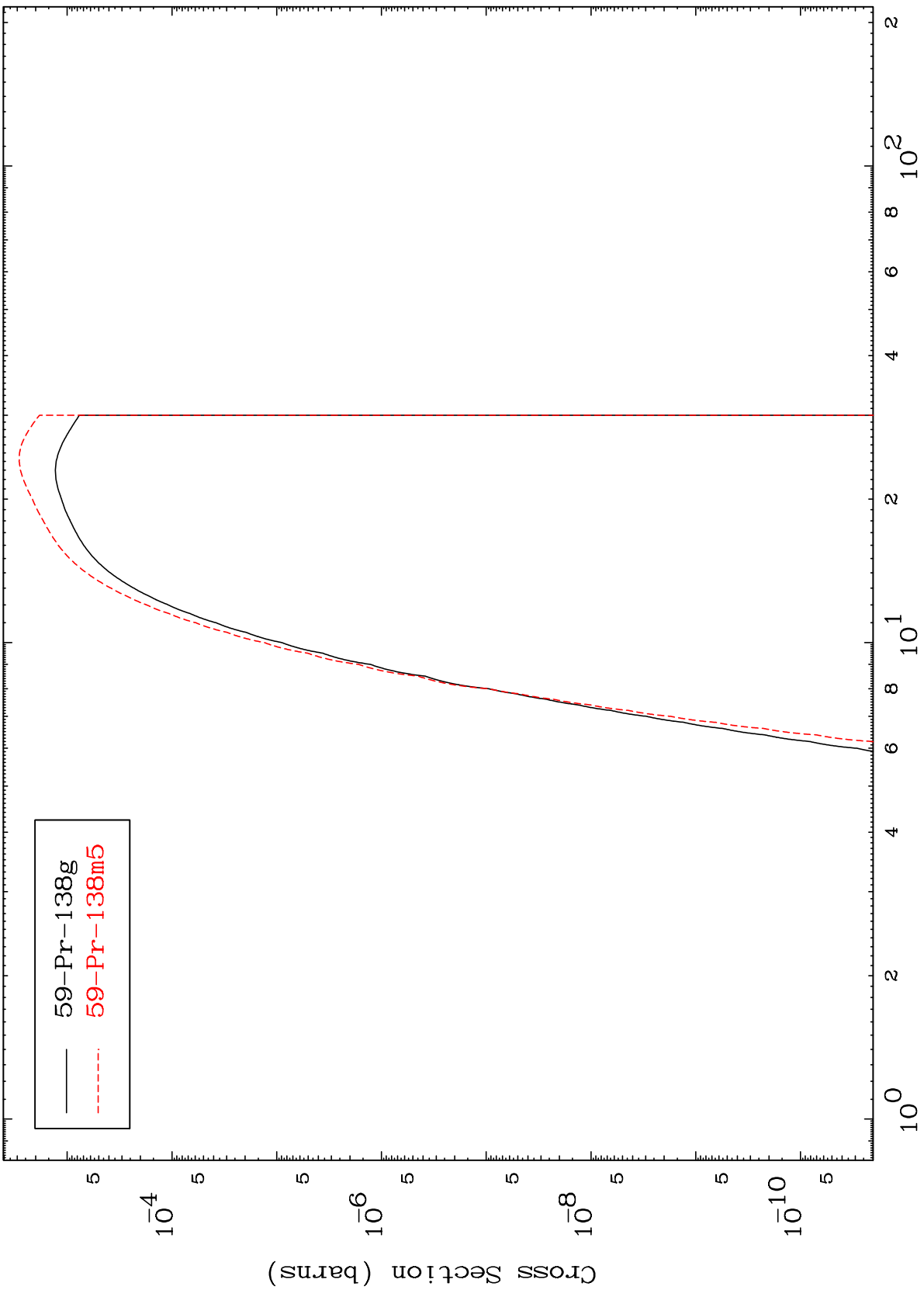
140

61-Pm-139

MAT 6125

61-Pm-139

(n,2p)
Radionuclide Production Cross Section



— 59-Pr-138g
- - - 59-Pr-138m5

141

Incident Energy (MeV)

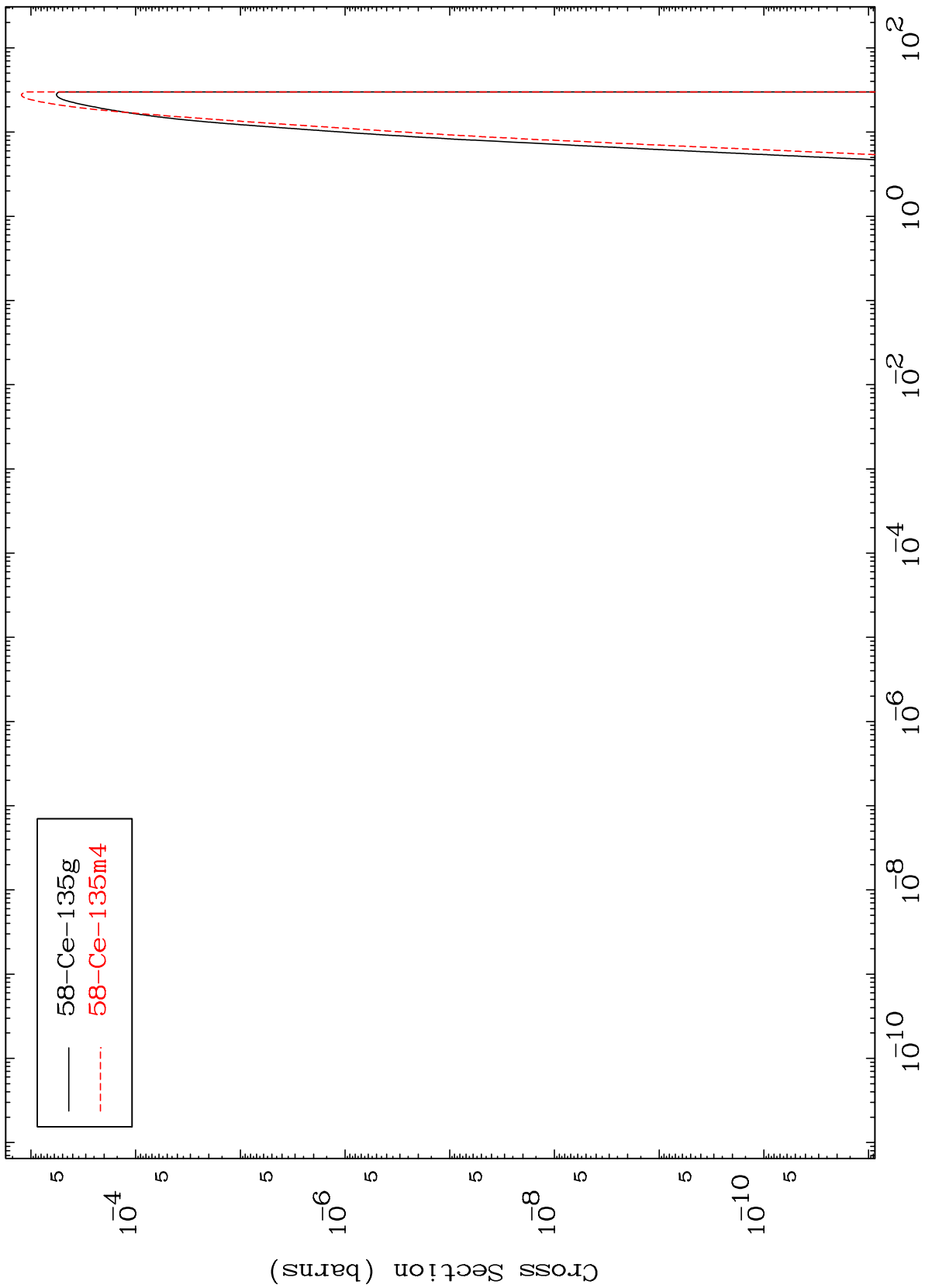
61-Pm-139

MAT 6125

(n,p) α

61-Pm-139

Radionuclide Production Cross Section



142

Incident Energy (MeV)

61-Pm-139