

Program EVALPLOT
(Version 2015-2)

by

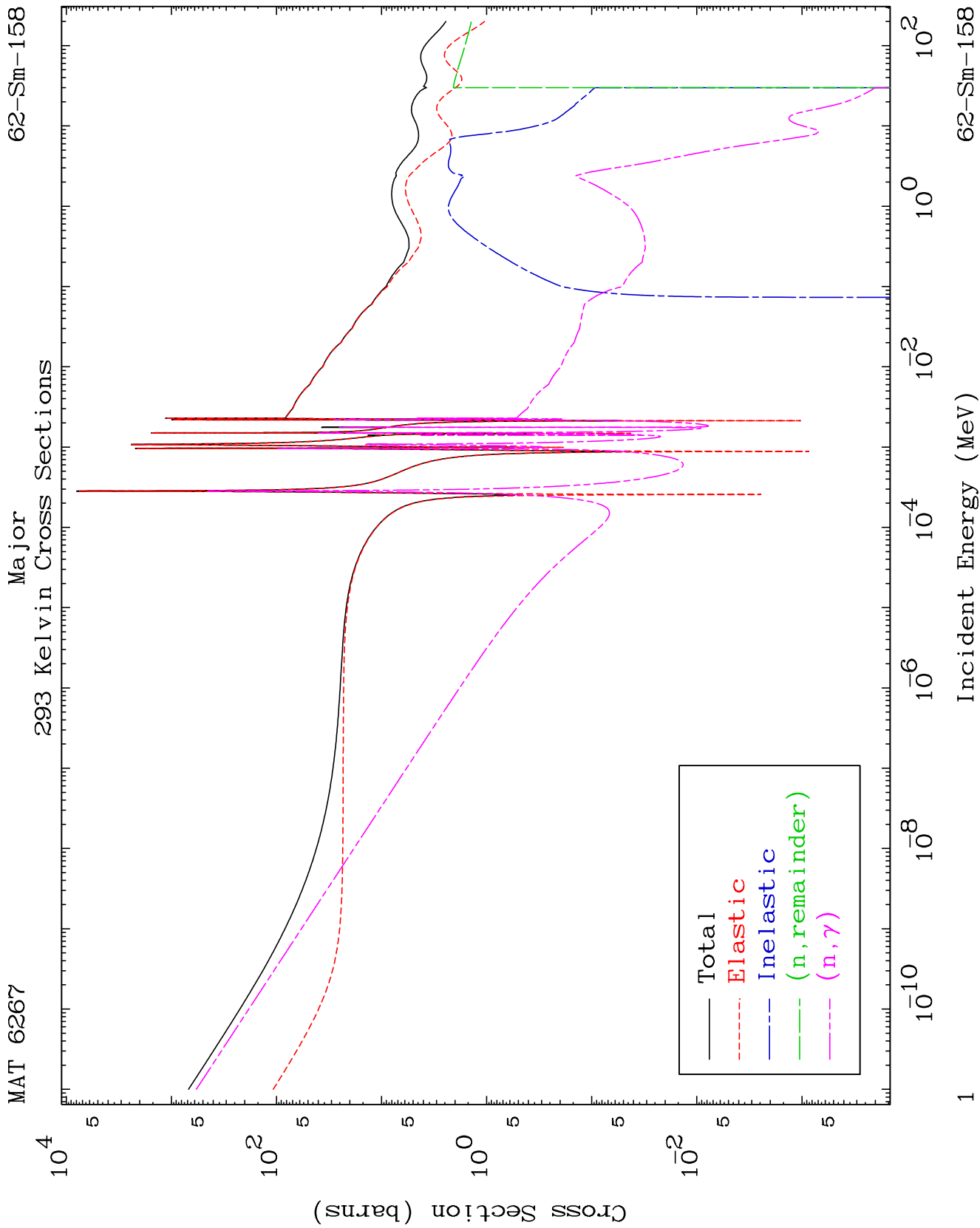
Dermott E. Cullen
(Present Contact Information)

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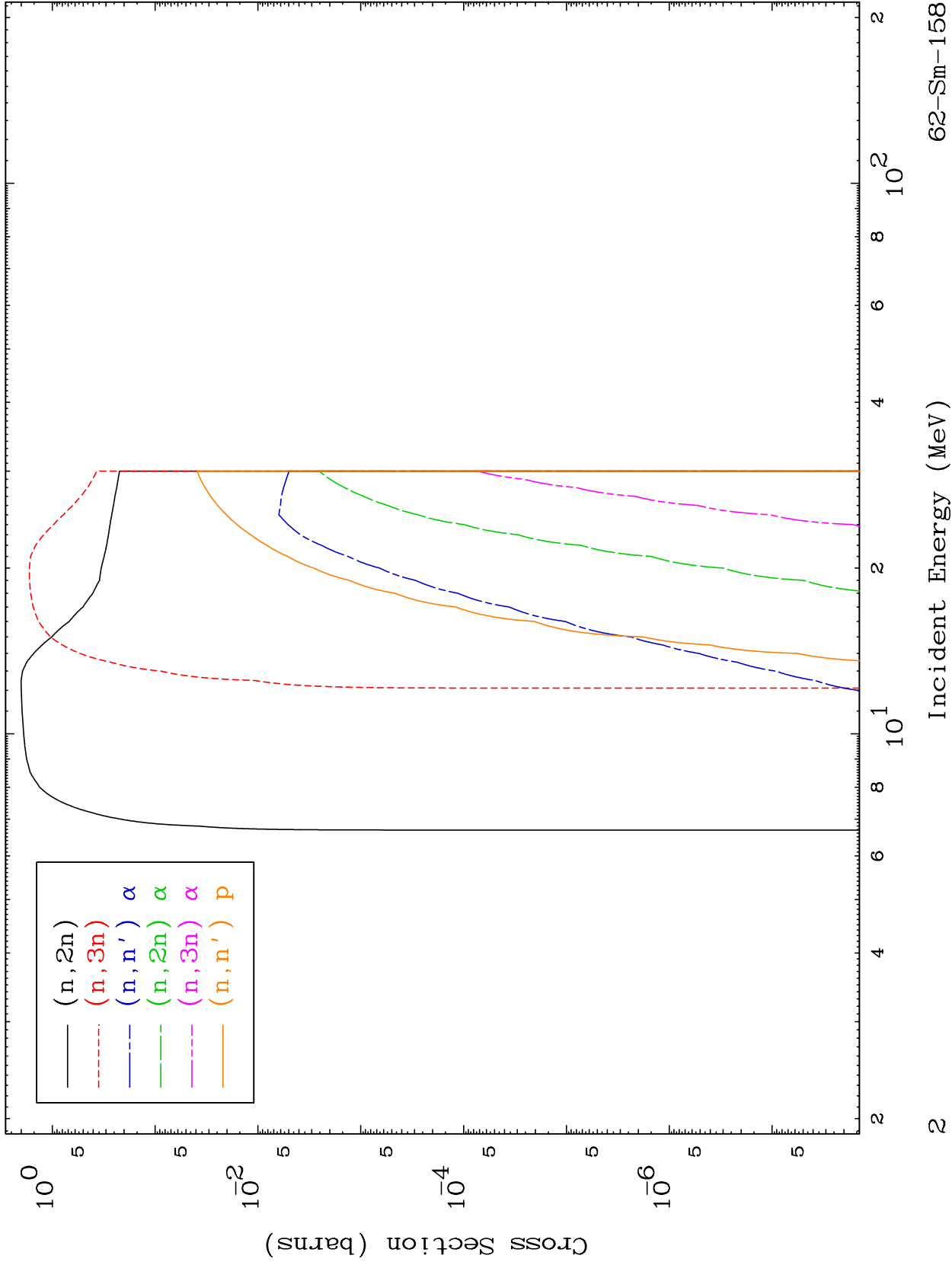
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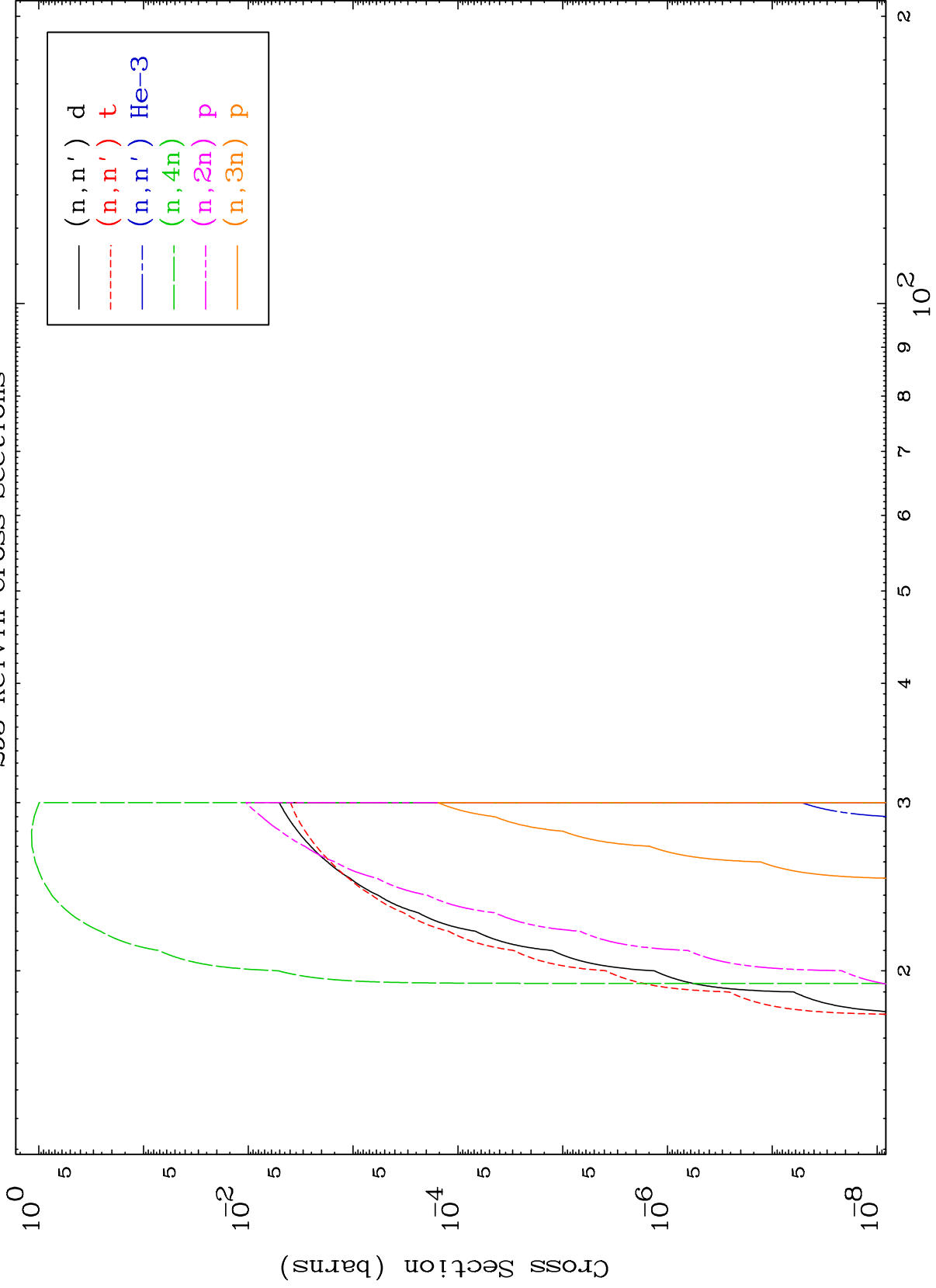


MAT 6267

Neutron Production
293 Kelvin Cross Sections

62-Sm-158

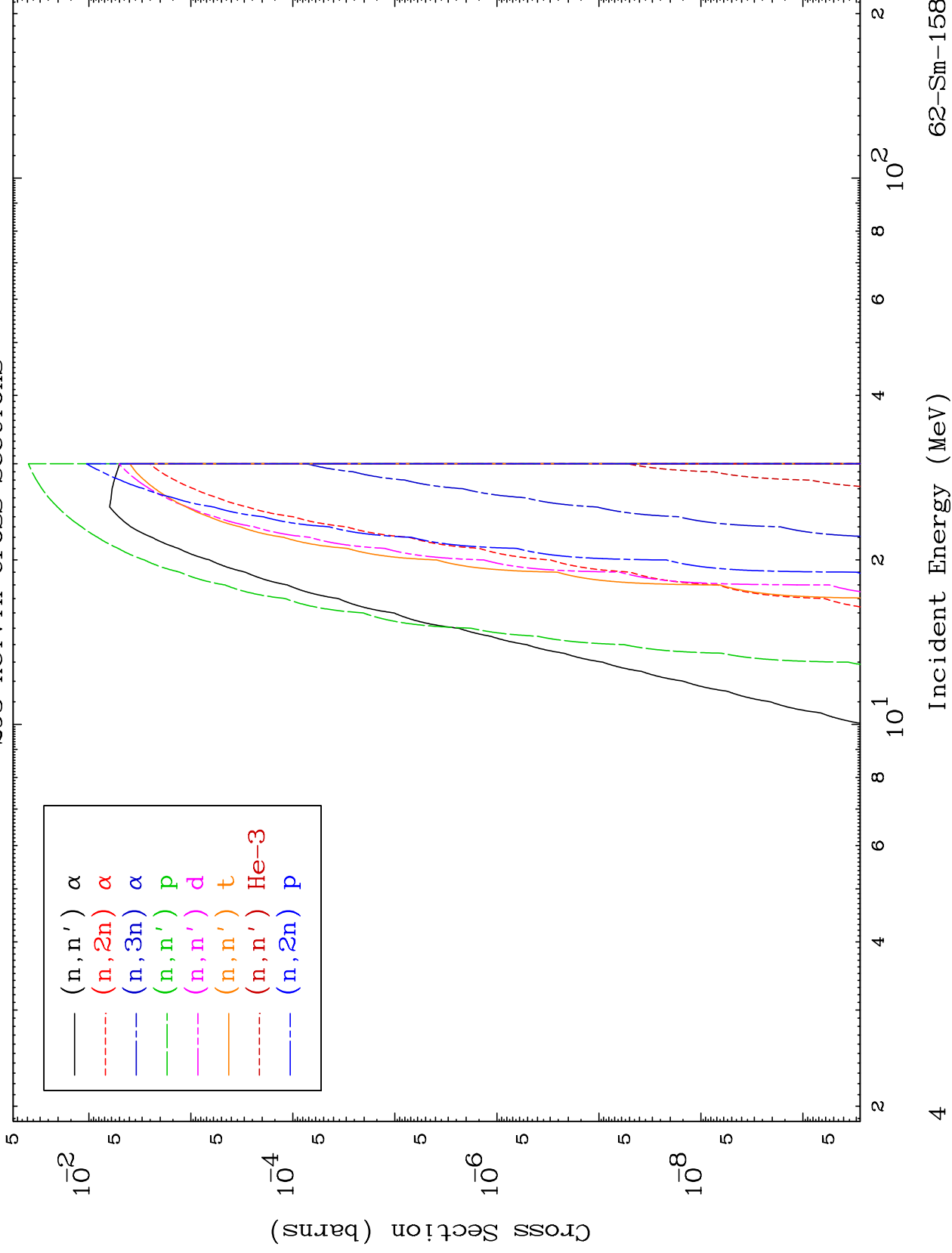




MAT 6267

Charged Particle
293 Kelvin Cross Sections

62-Sm-158



4

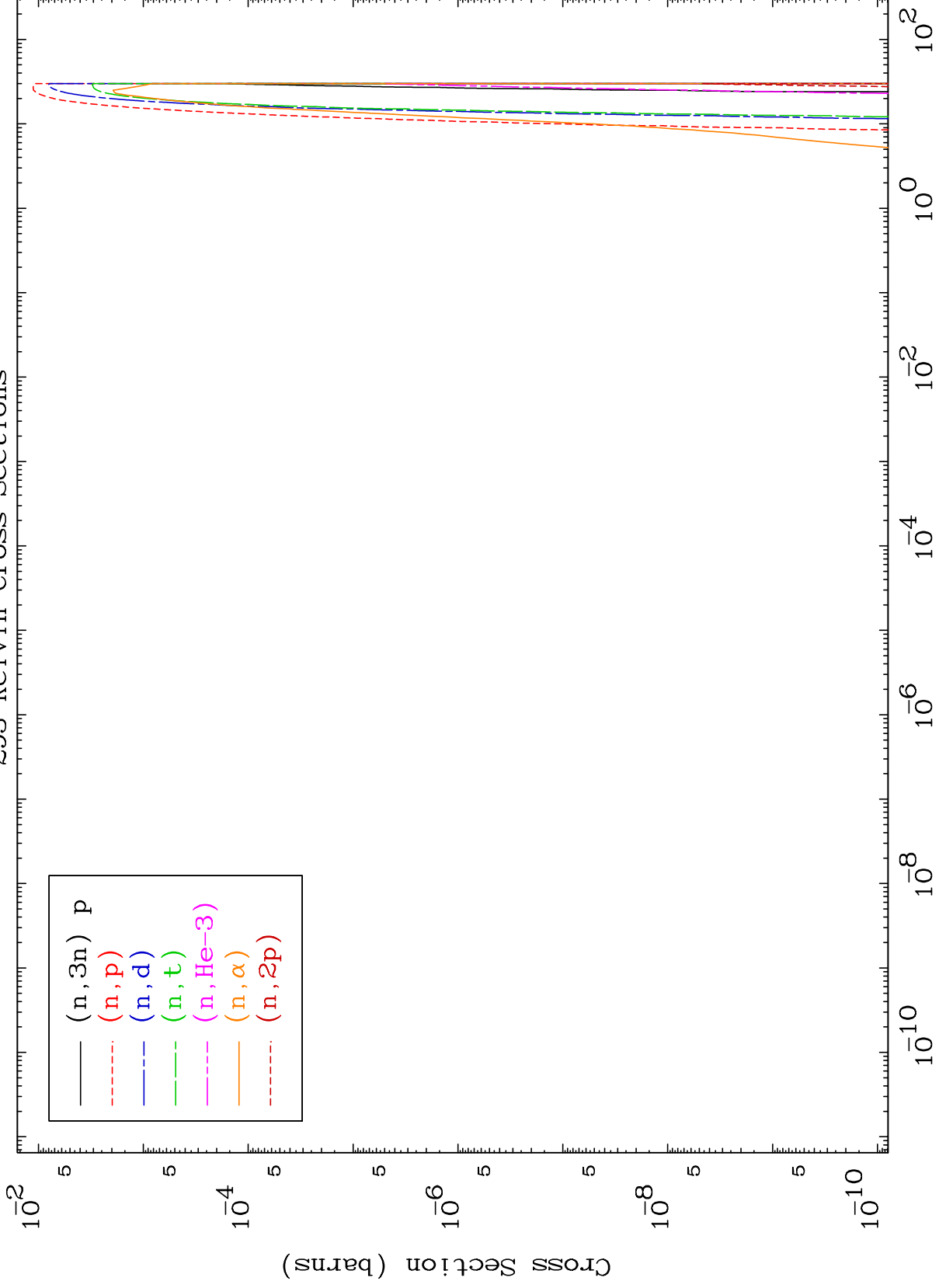
Incident Energy (MeV)

62-Sm-158

MAT 6267

Charged Particle
293 Kelvin Cross Sections

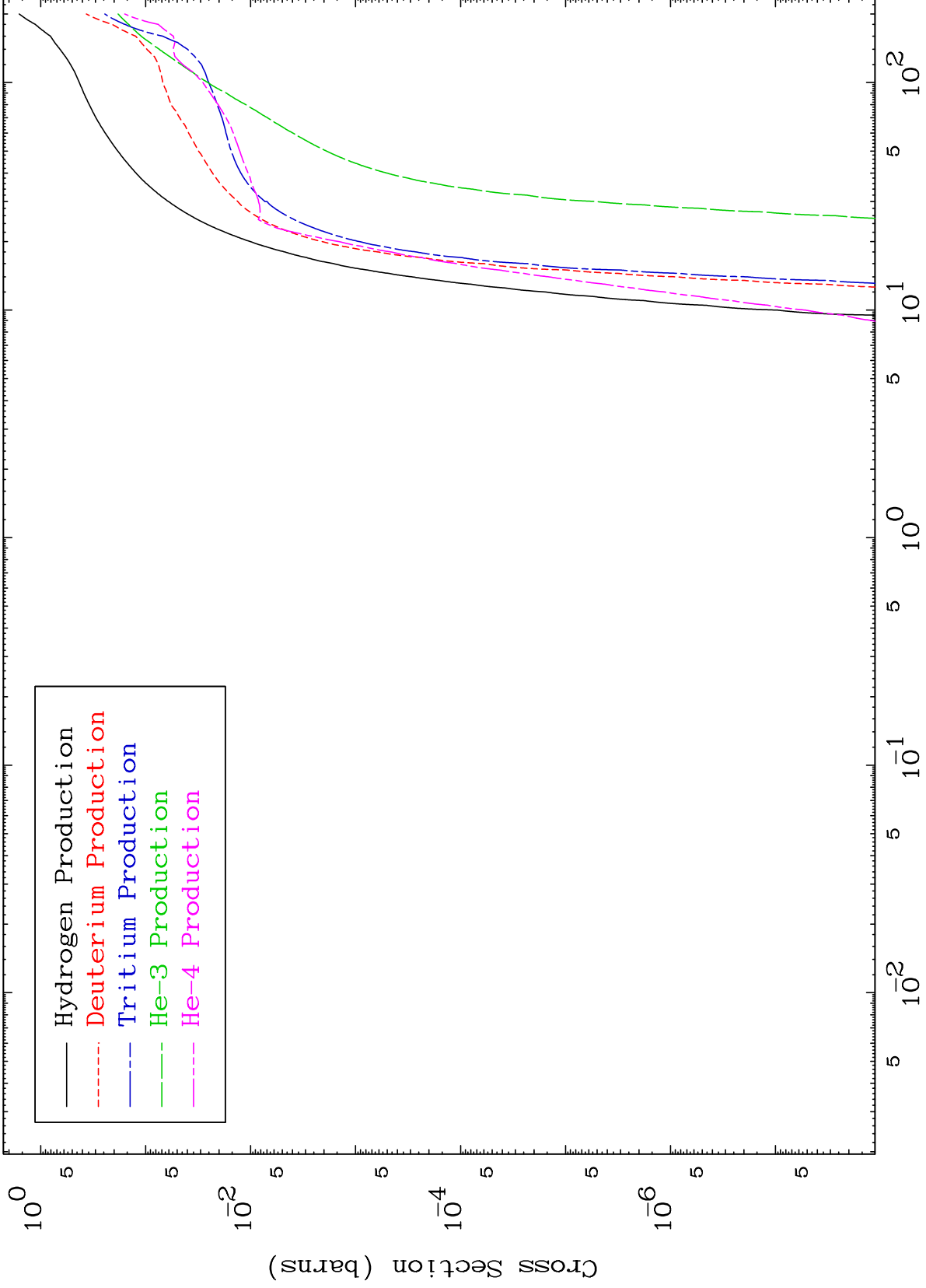
62-Sm-158



MAT 6267

Particle Production
293 Kelvin Cross Sections

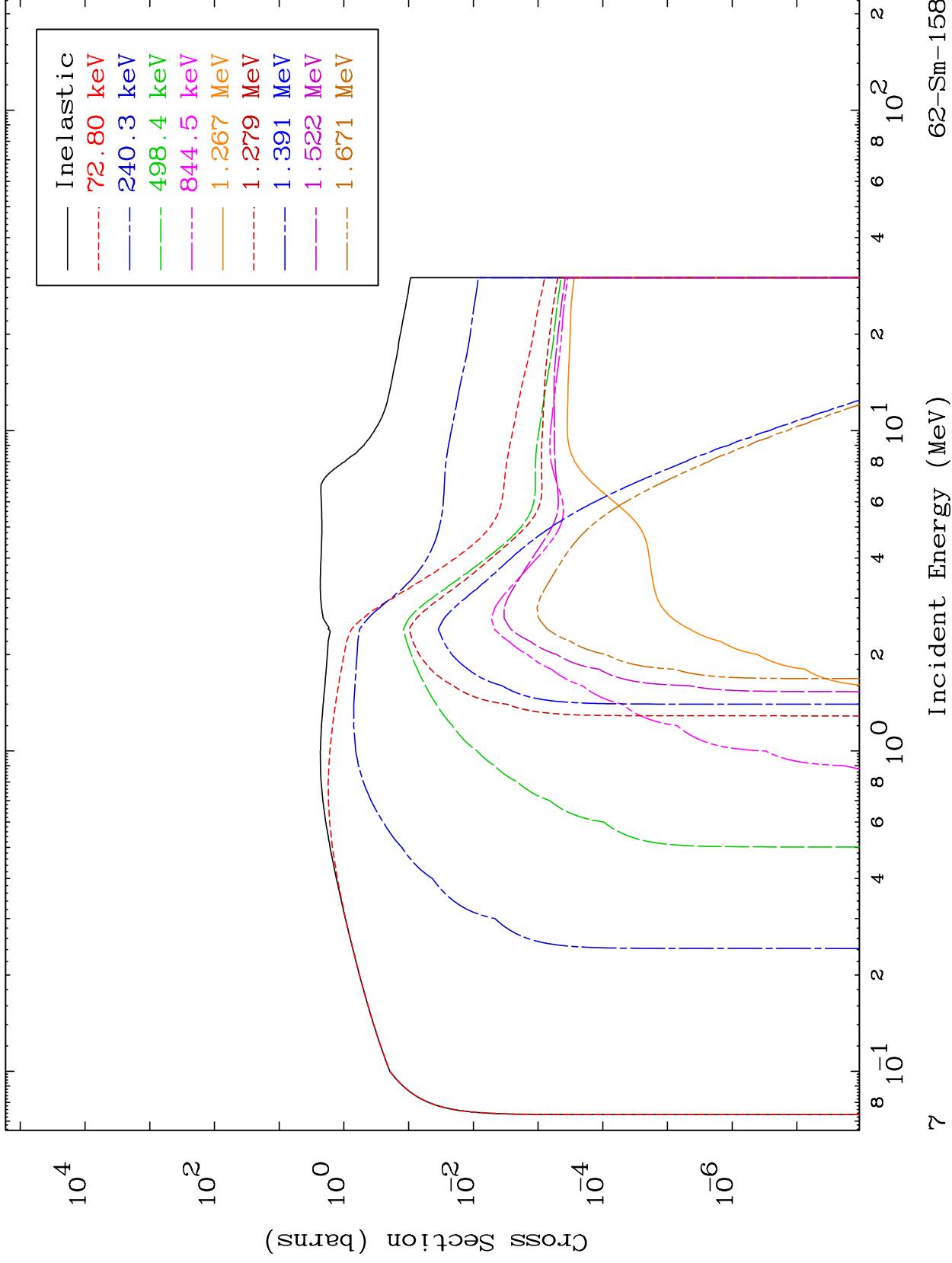
62-Sm-158



MAT 6267

(n,n') Level
293 Kelvin Cross Sections

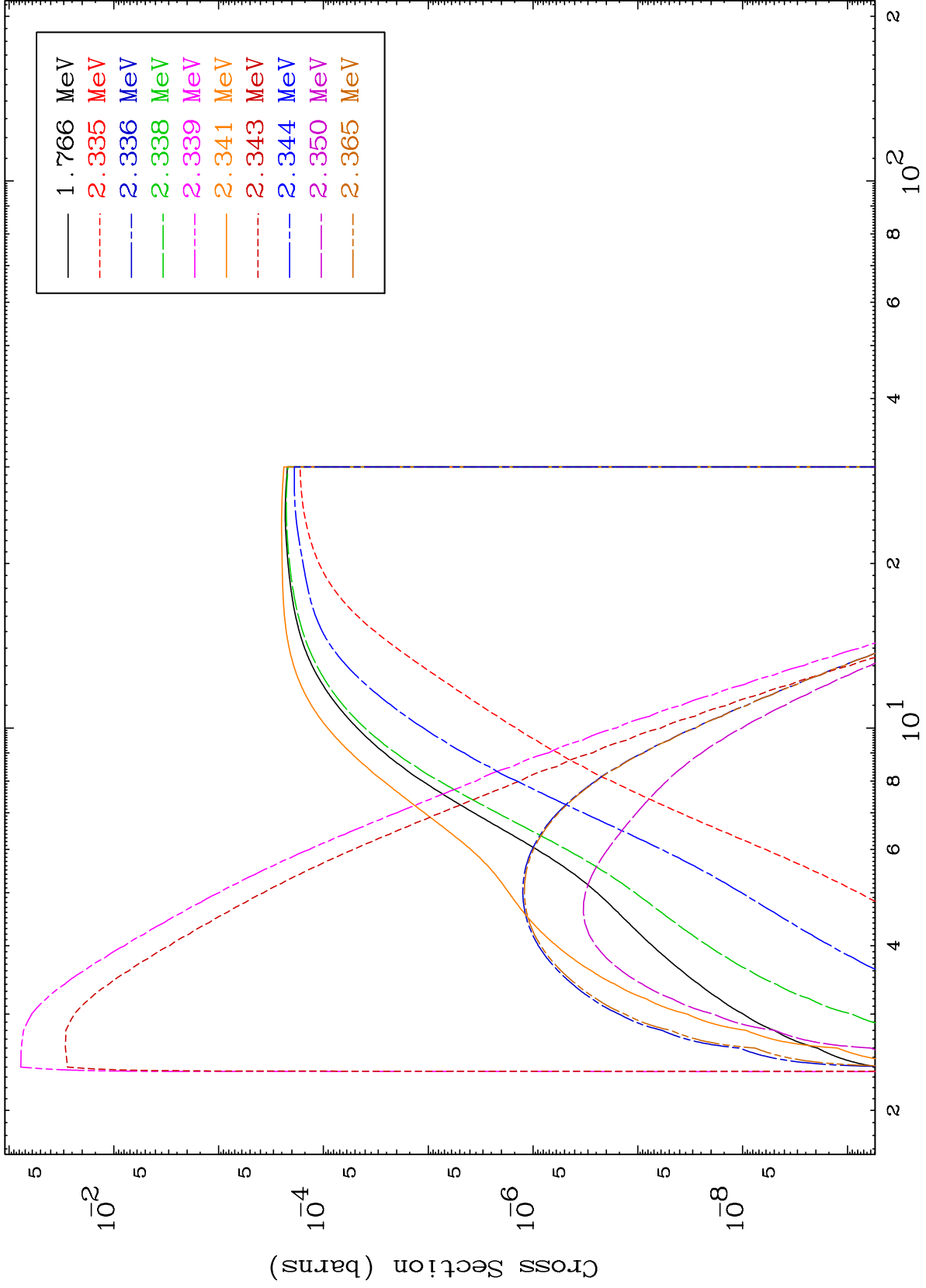
62-Sm-158



MAT 6267

(n,n') Level
293 Kelvin Cross Sections

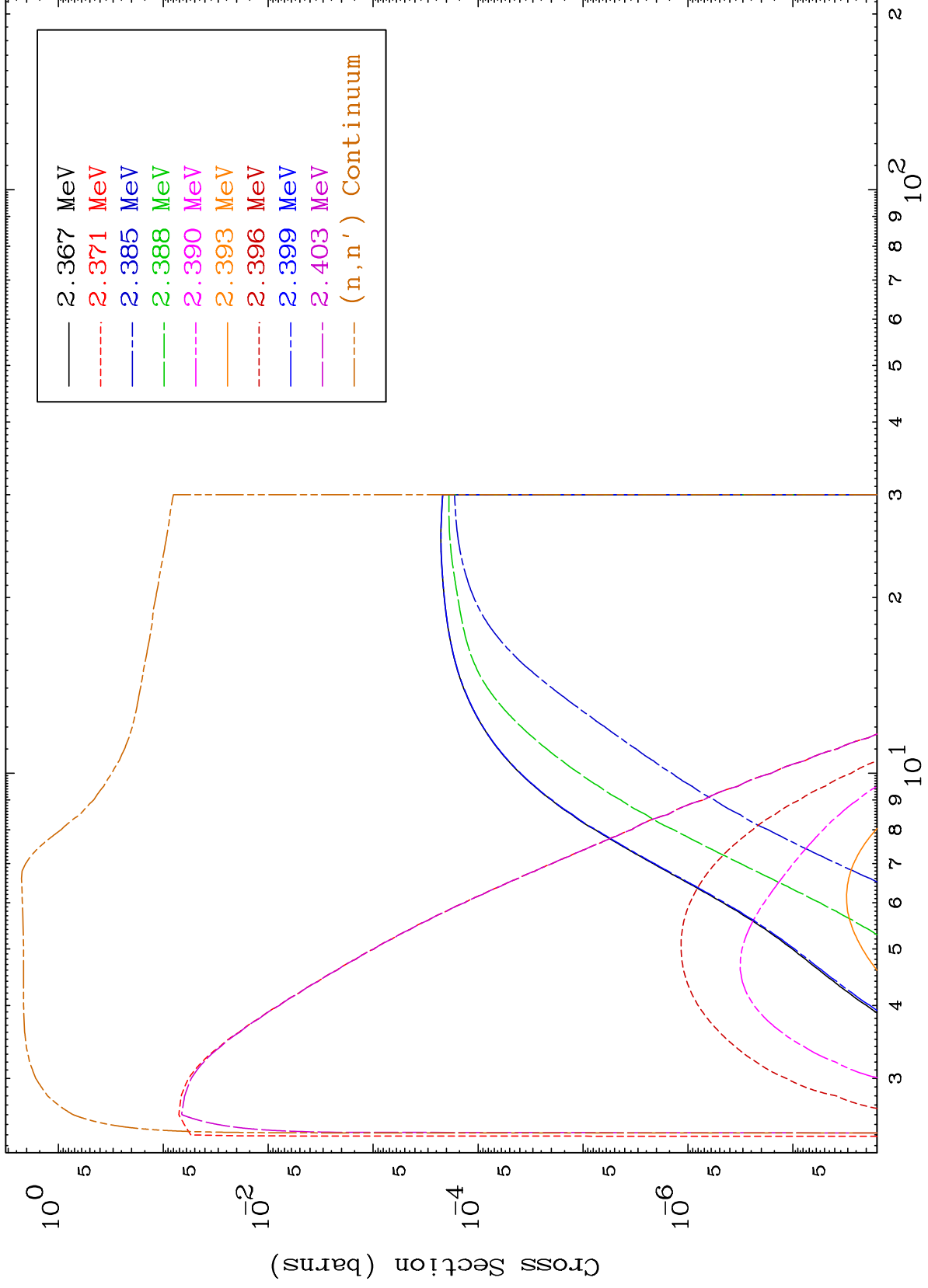
62-Sm-158



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Incident Energy (MeV)

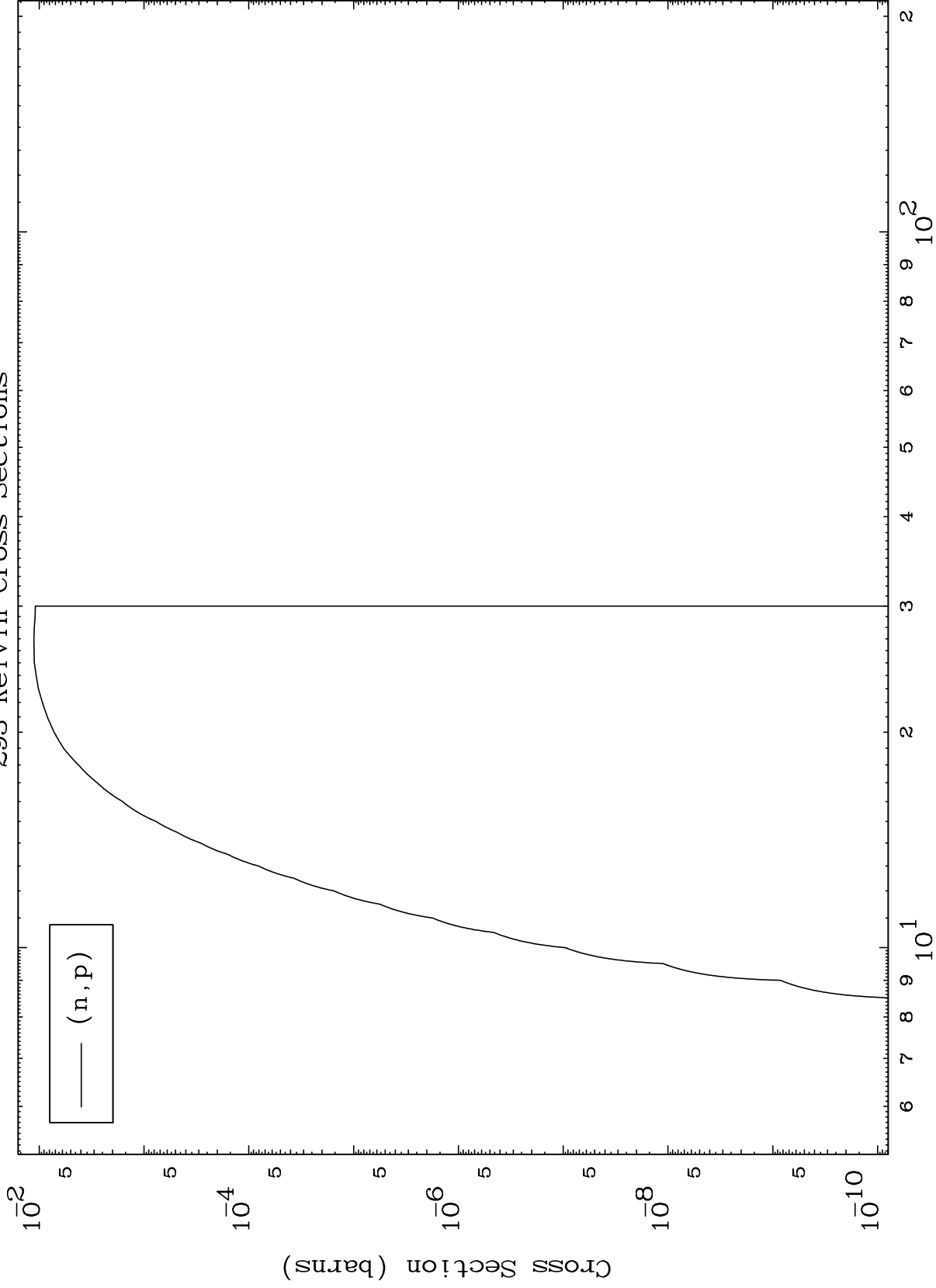
62-Sm-158



MAT 6267

(n,p) Levels
293 Kelvin Cross Sections

62-Sm-158



10

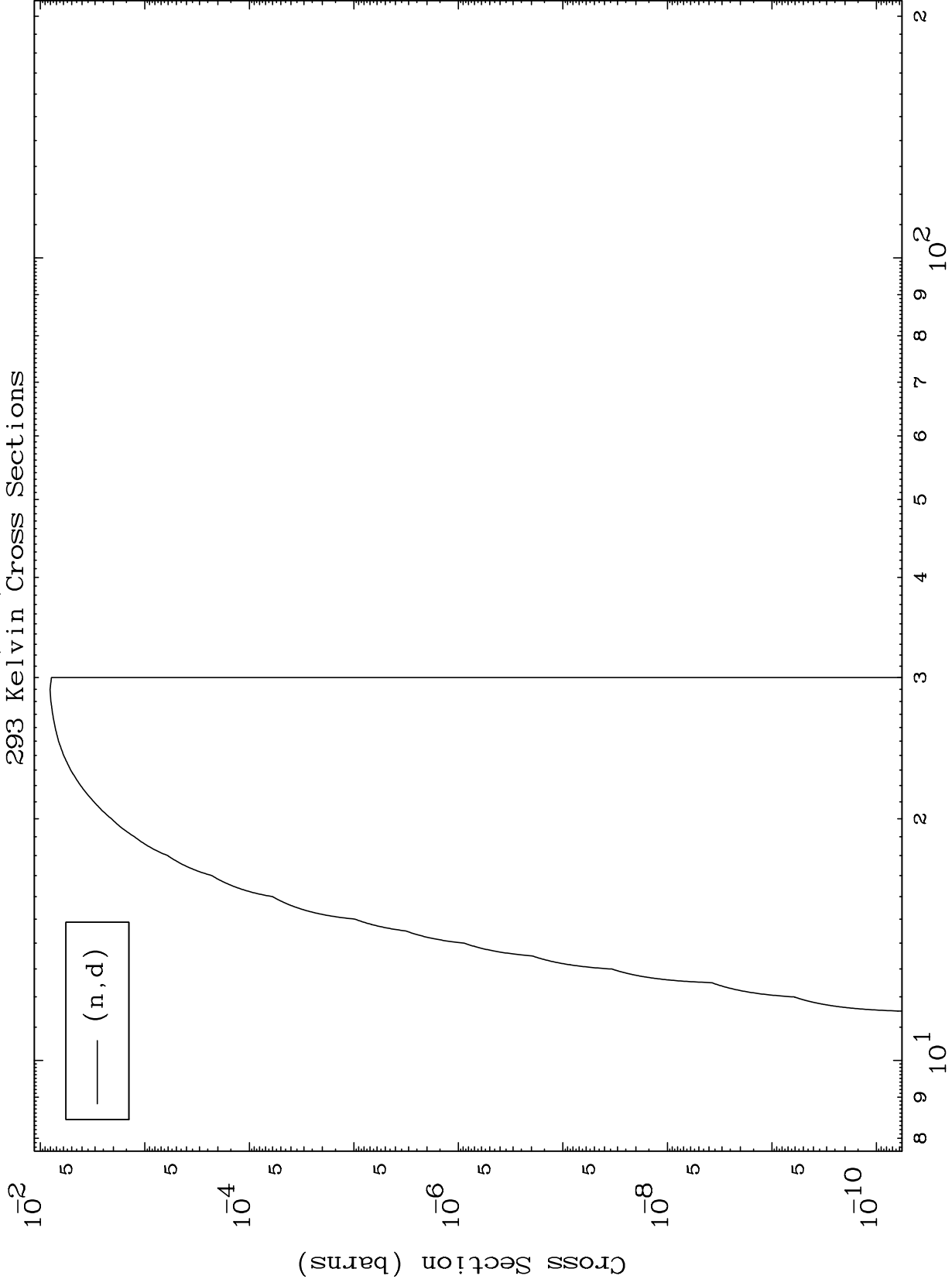
Incident Energy (MeV)

62-Sm-158

MAT 6267

(n,d) Levels
293 Kelvin Cross Sections

62-Sm-158



11

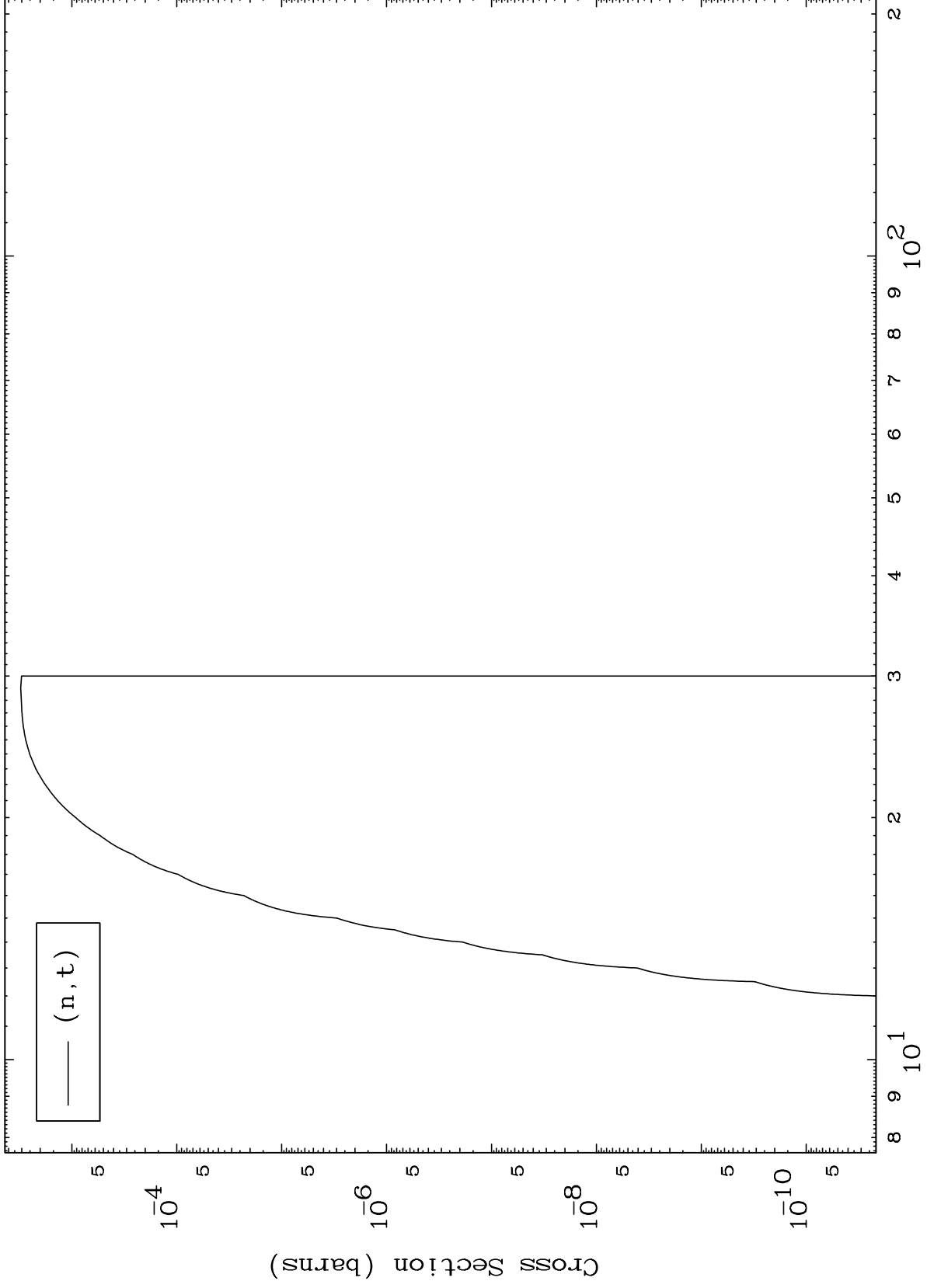
Incident Energy (MeV)

62-Sm-158

MAT 6267

(n,t) Levels
293 Kelvin Cross Sections

62-Sm-158



12

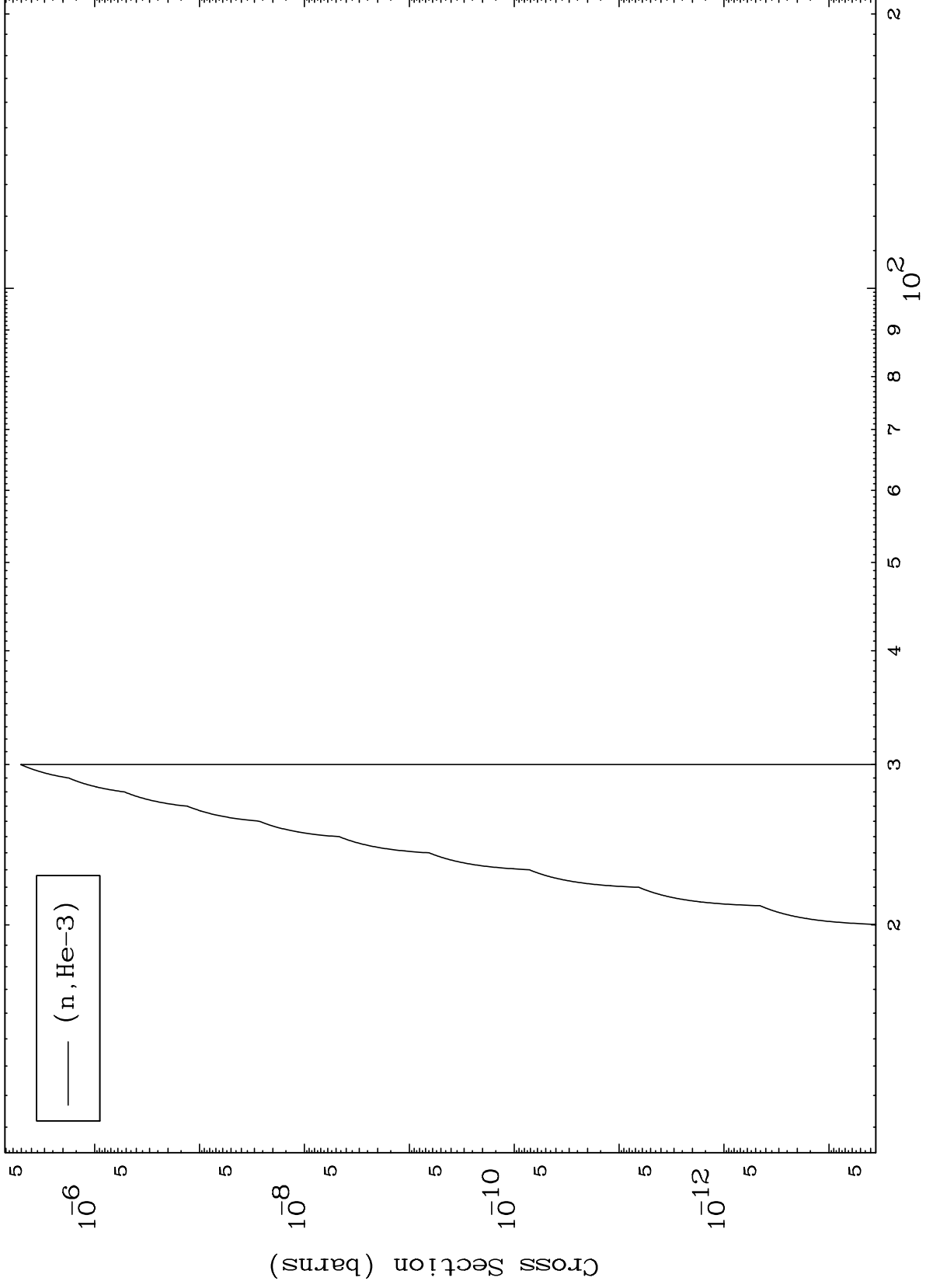
Incident Energy (MeV)

62-Sm-158

MAT 6267

(n,He3) Levels
293 Kelvin Cross Sections

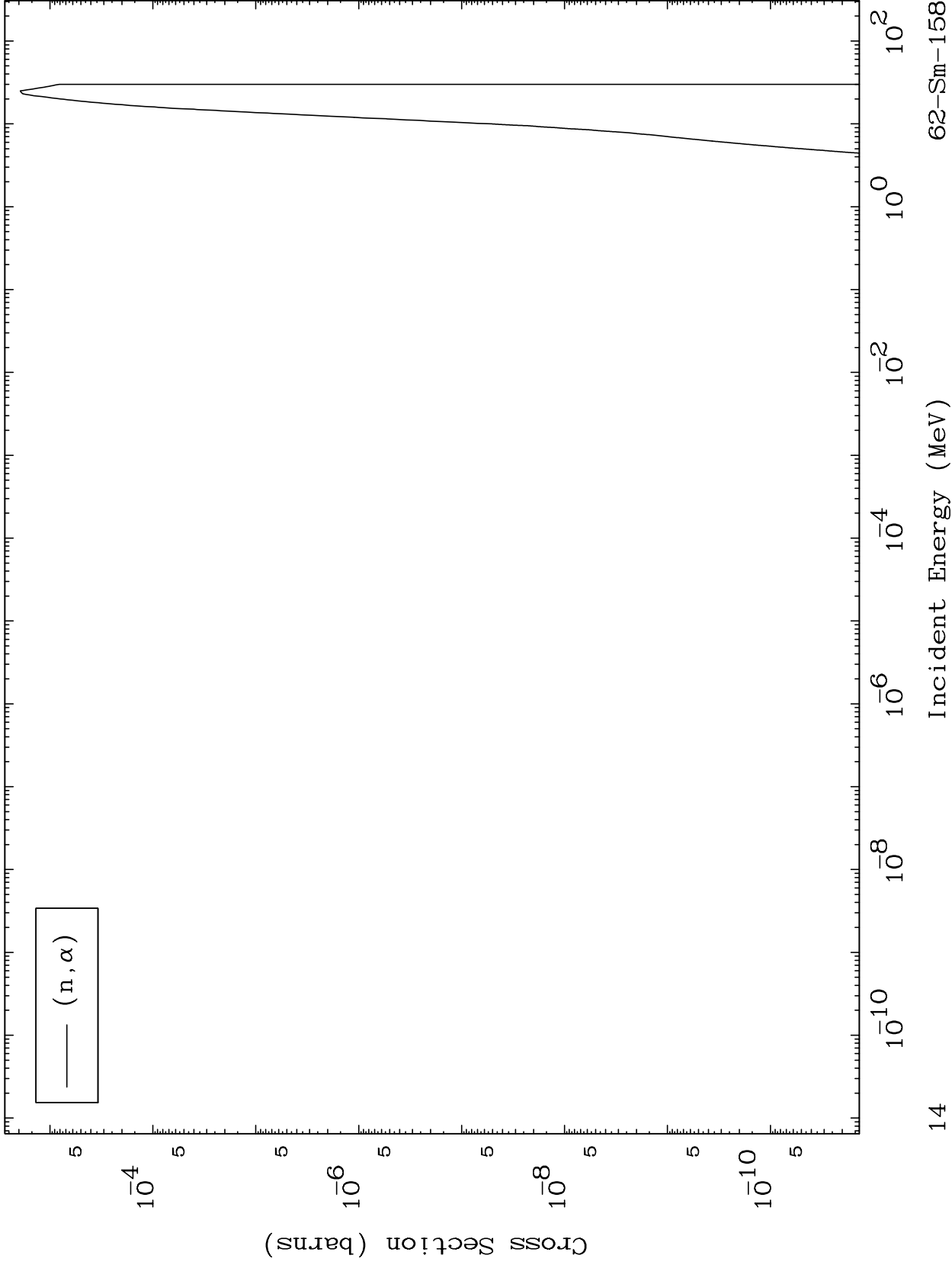
62-Sm-158

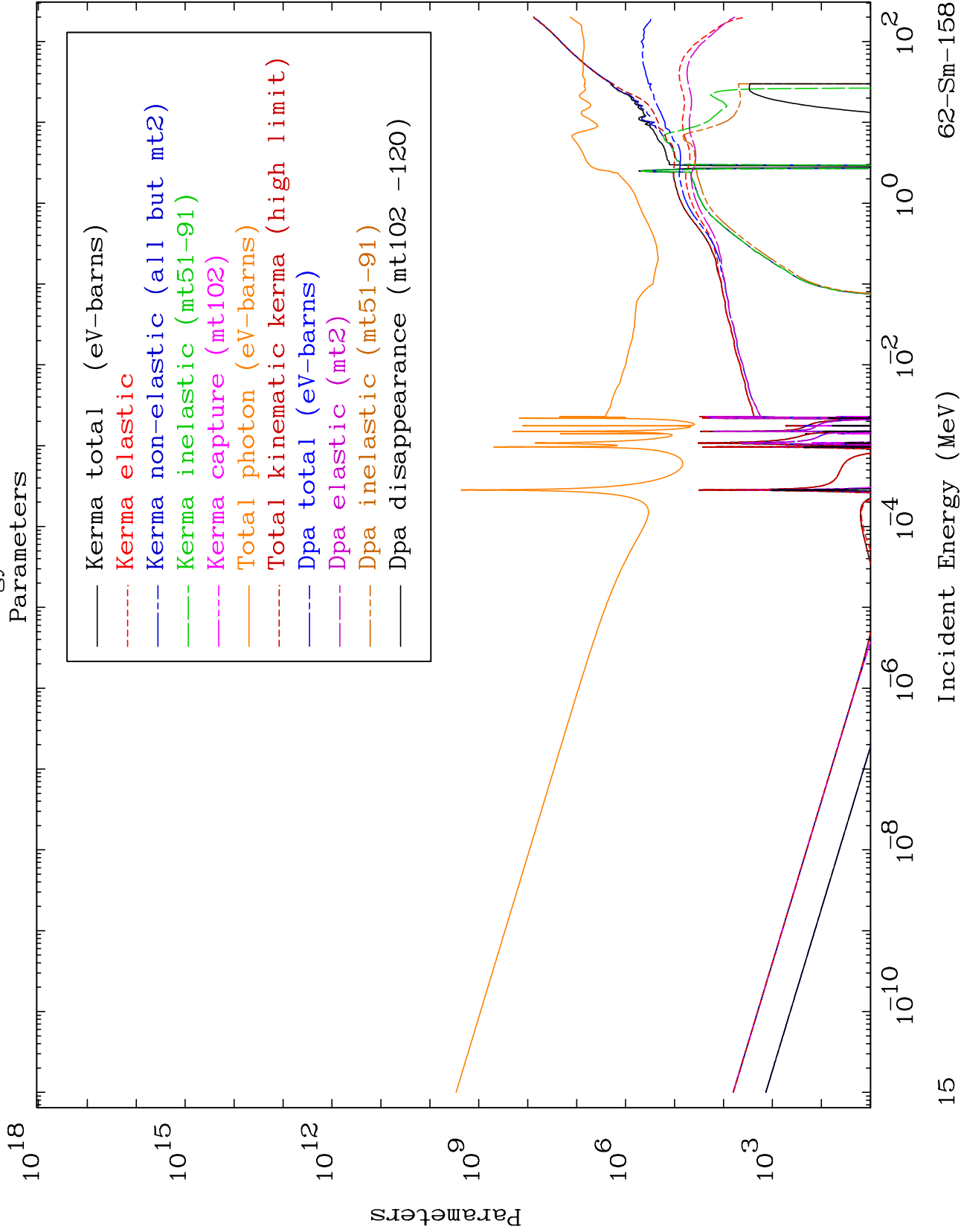


MAT 6267

(n, α) Levels
293 Kelvin Cross Sections

62-Sm-158

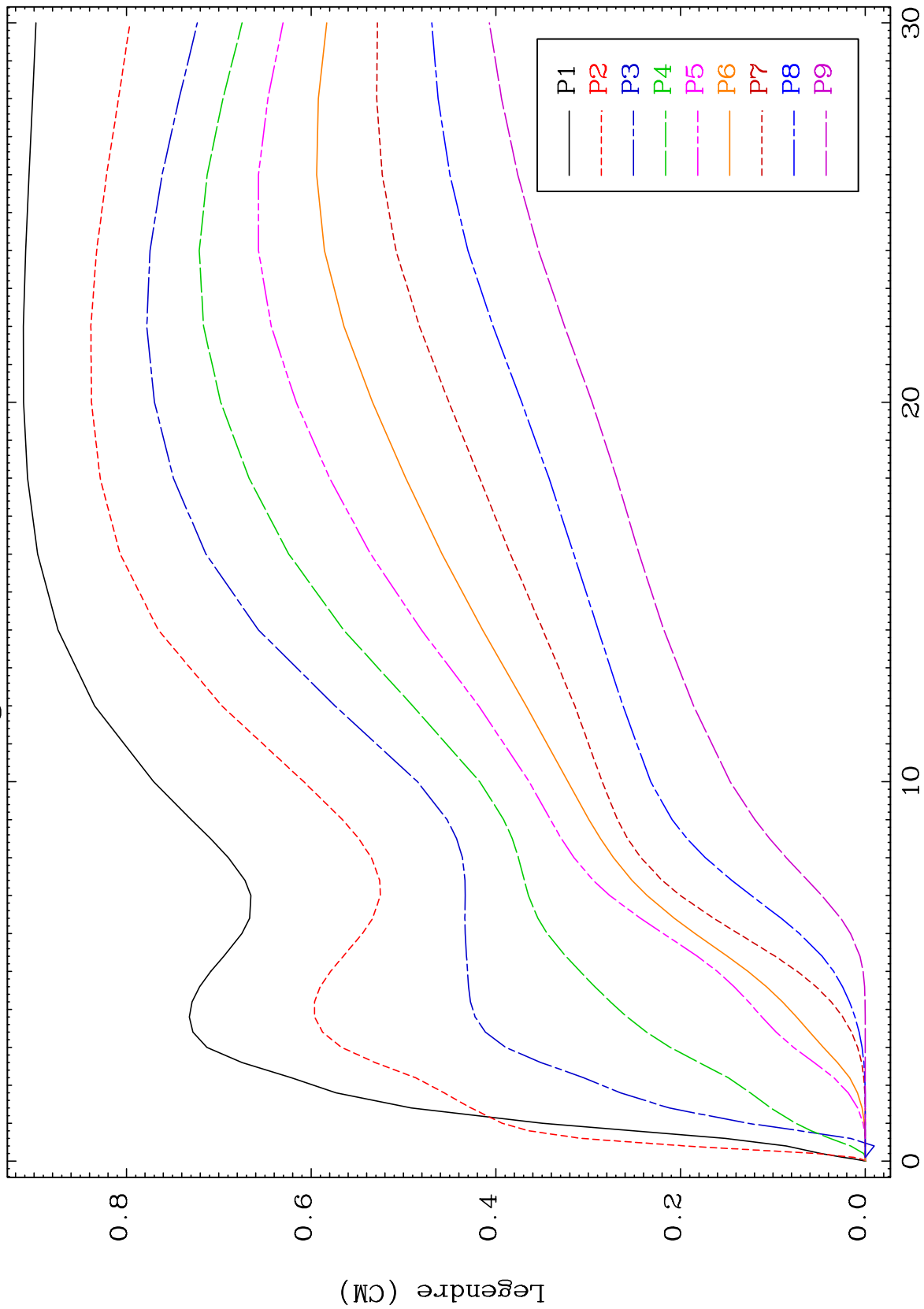




MAT 6267

Elastic Legendre Coefficients

62-Sm-158



16

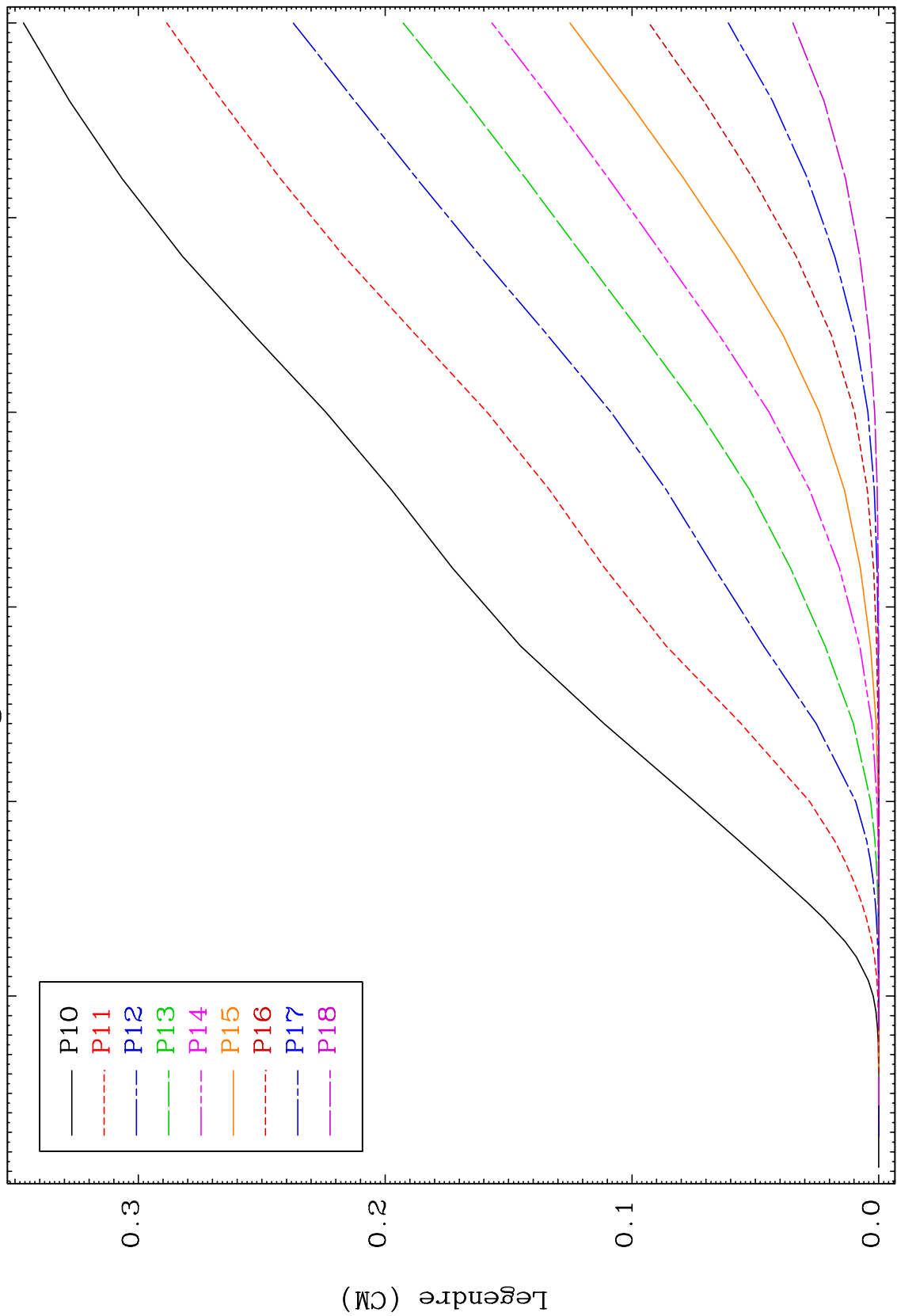
Incident Energy (MeV)

62-Sm-158

MAT 6267

Elastic Legendre Coefficients

62-Sm-158



17

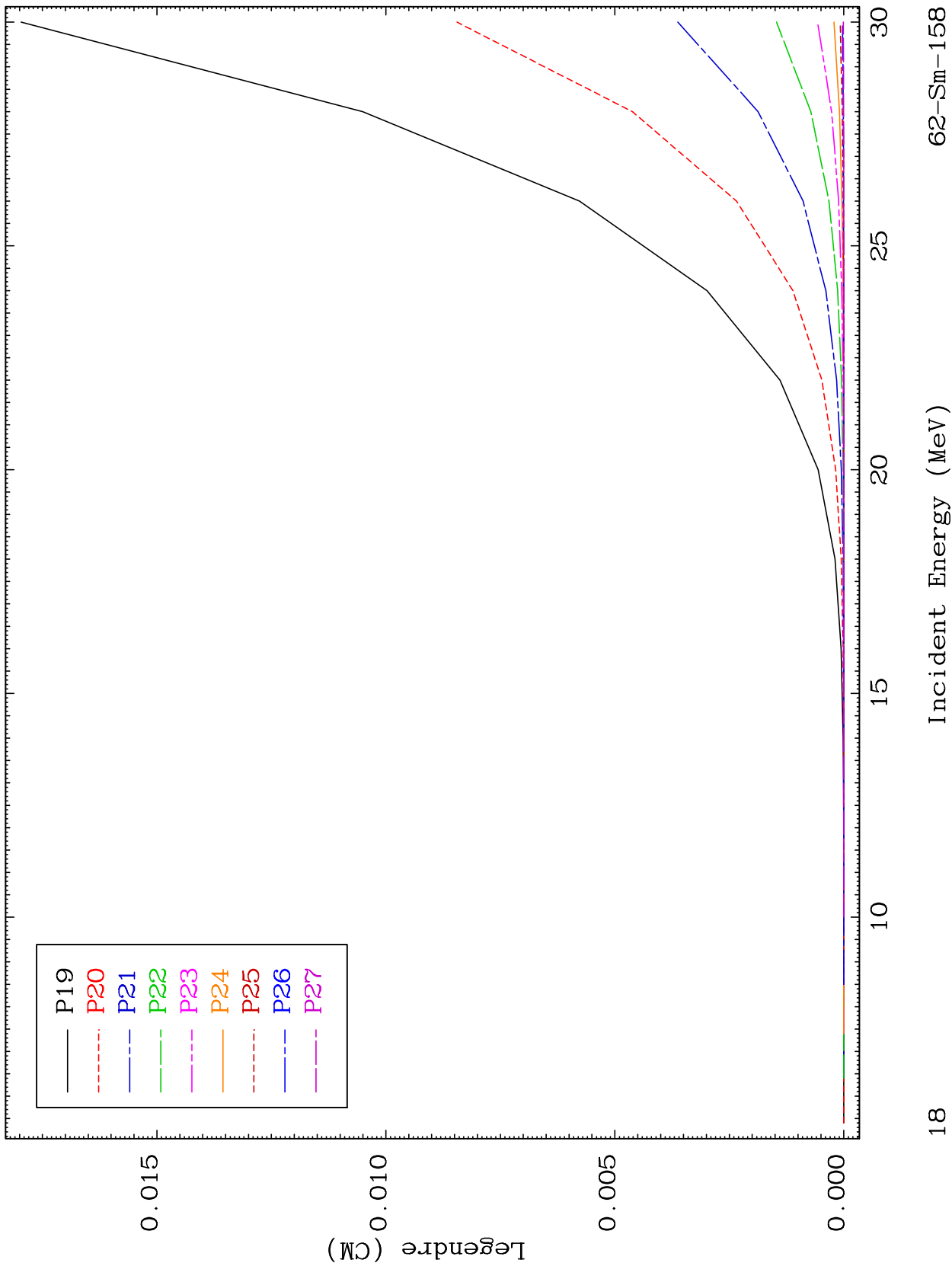
Incident Energy (MeV)

62-Sm-158

MAT 6267

Elastic Legendre Coefficients

62-Sm-158



18

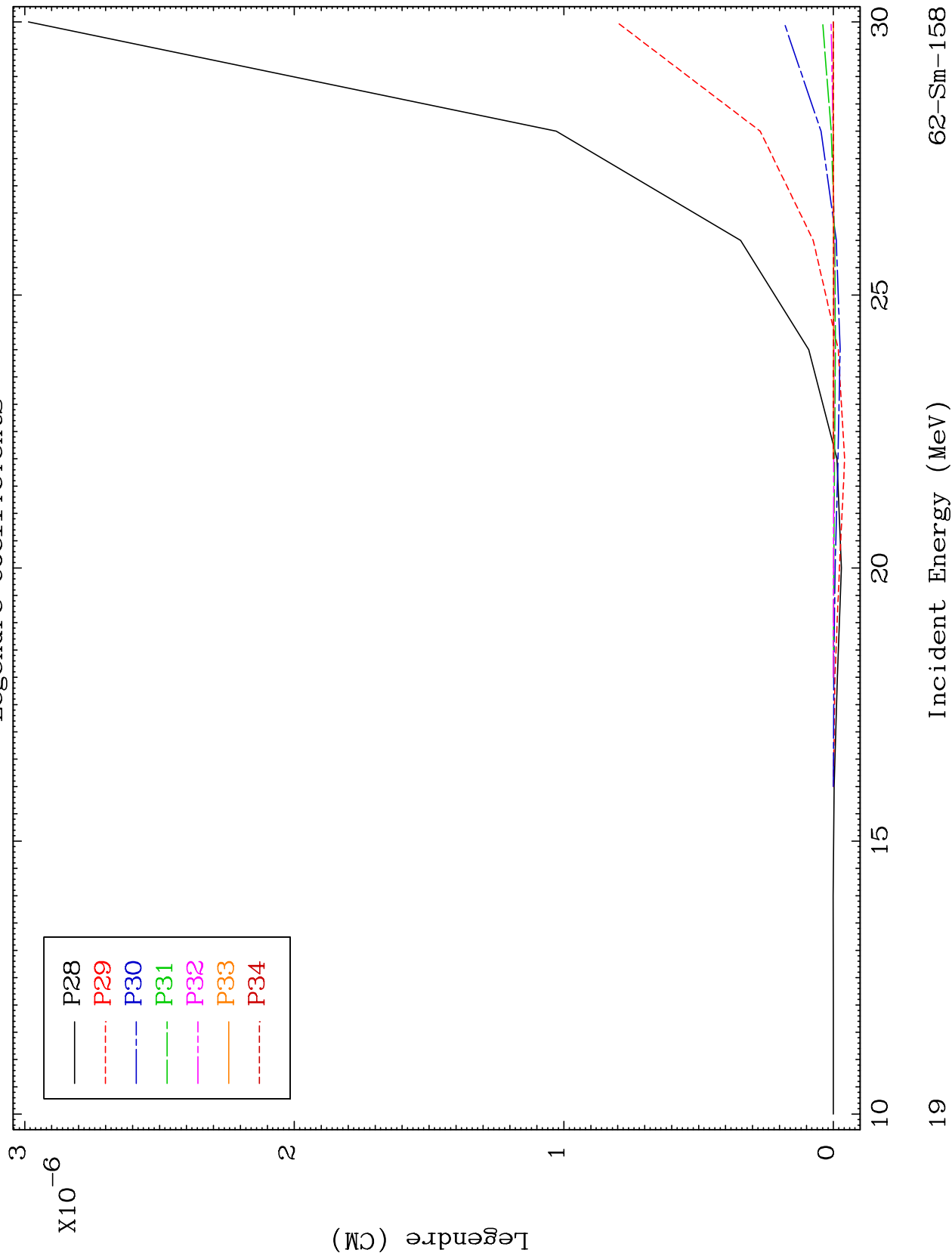
Incident Energy (MeV)

62-Sm-158

MAT 6267

Elastic Legendre Coefficients

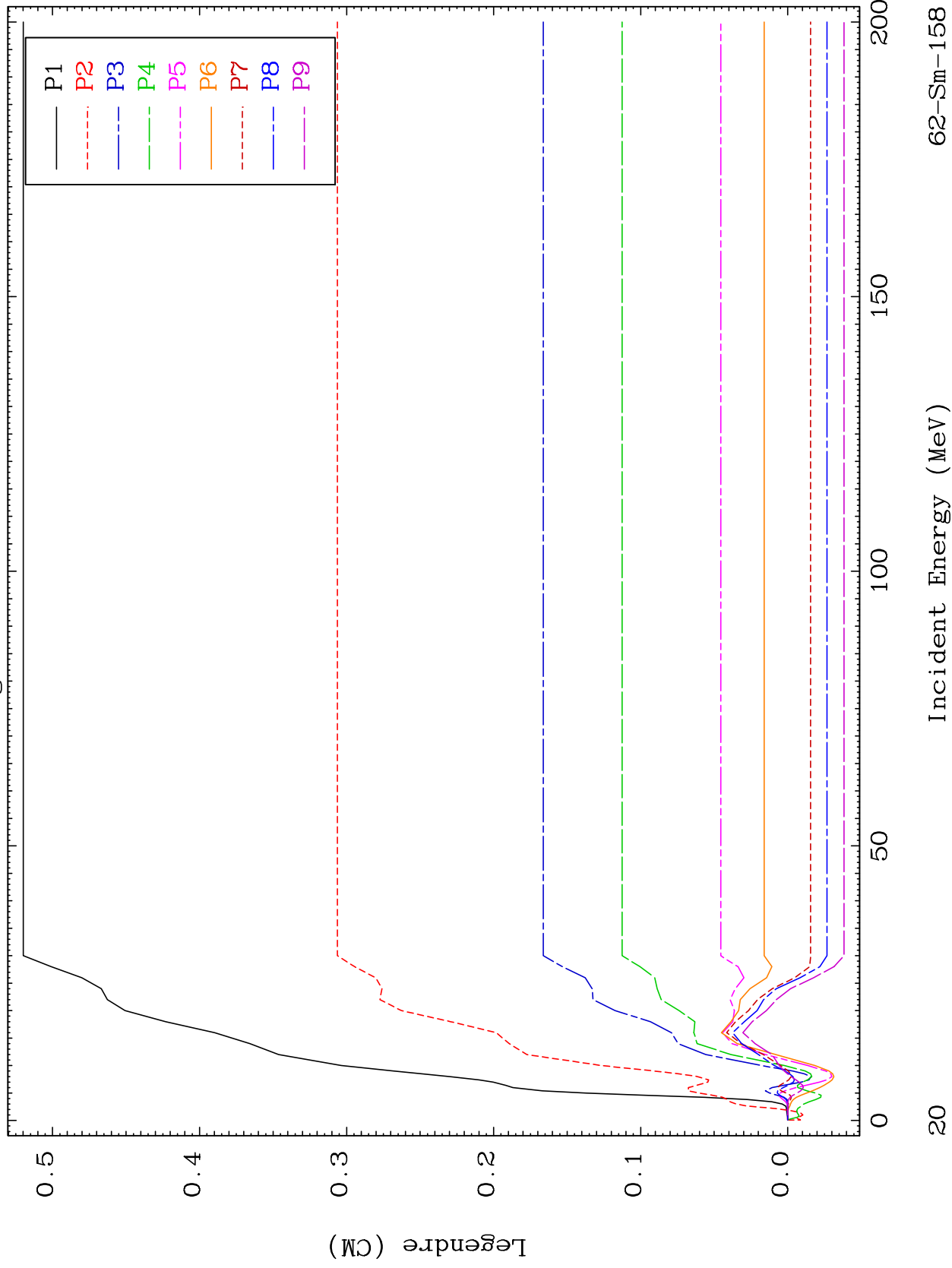
62-Sm-158



MAT 6267

72.80 keV (n,n') Level
Legendre Coefficients

62-Sm-158



62-Sm-158

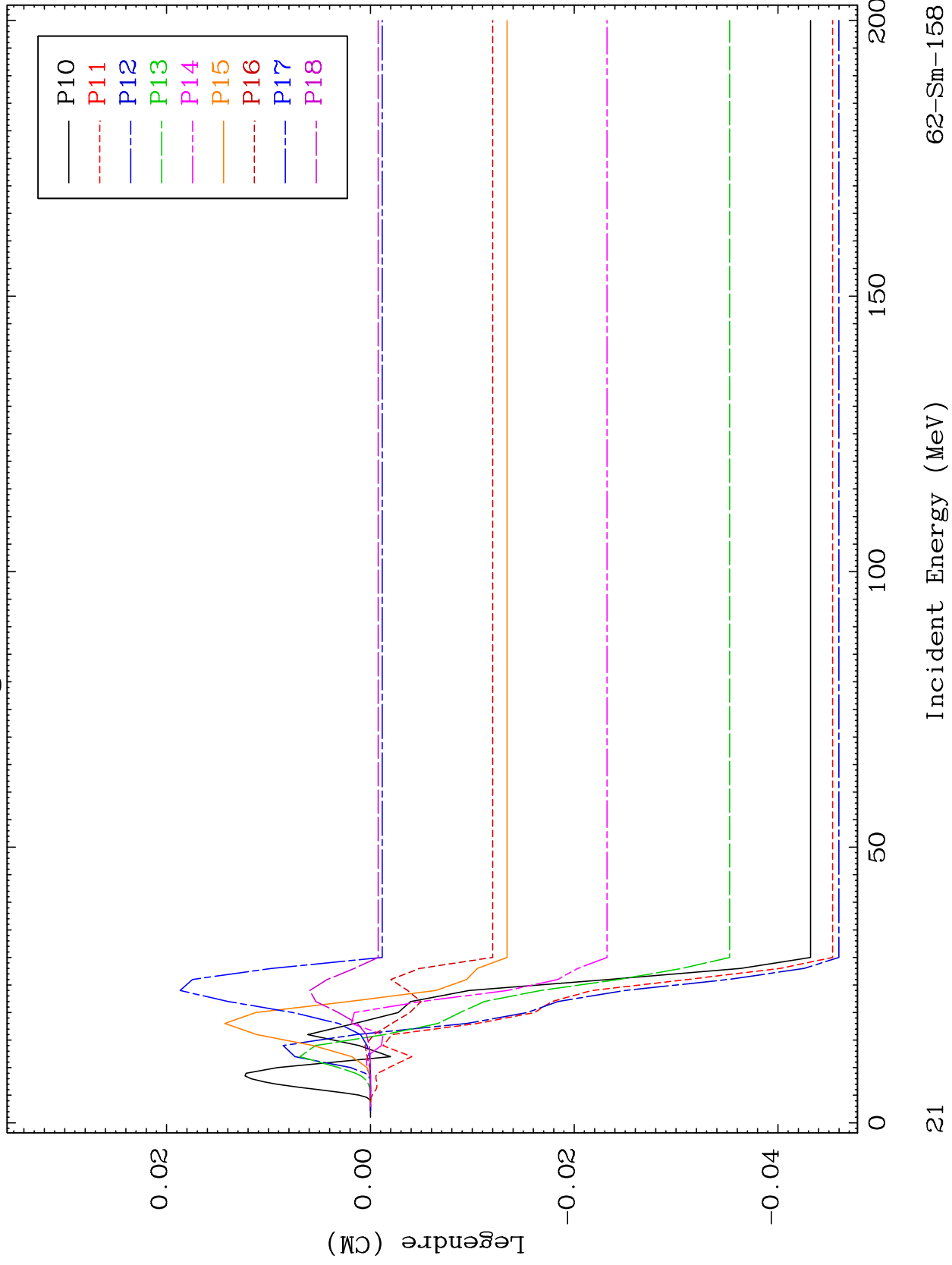
Incident Energy (MeV)

20

MAT 6267

72.80 keV (n,n') Level
Legendre Coefficients

62-Sm-158



21

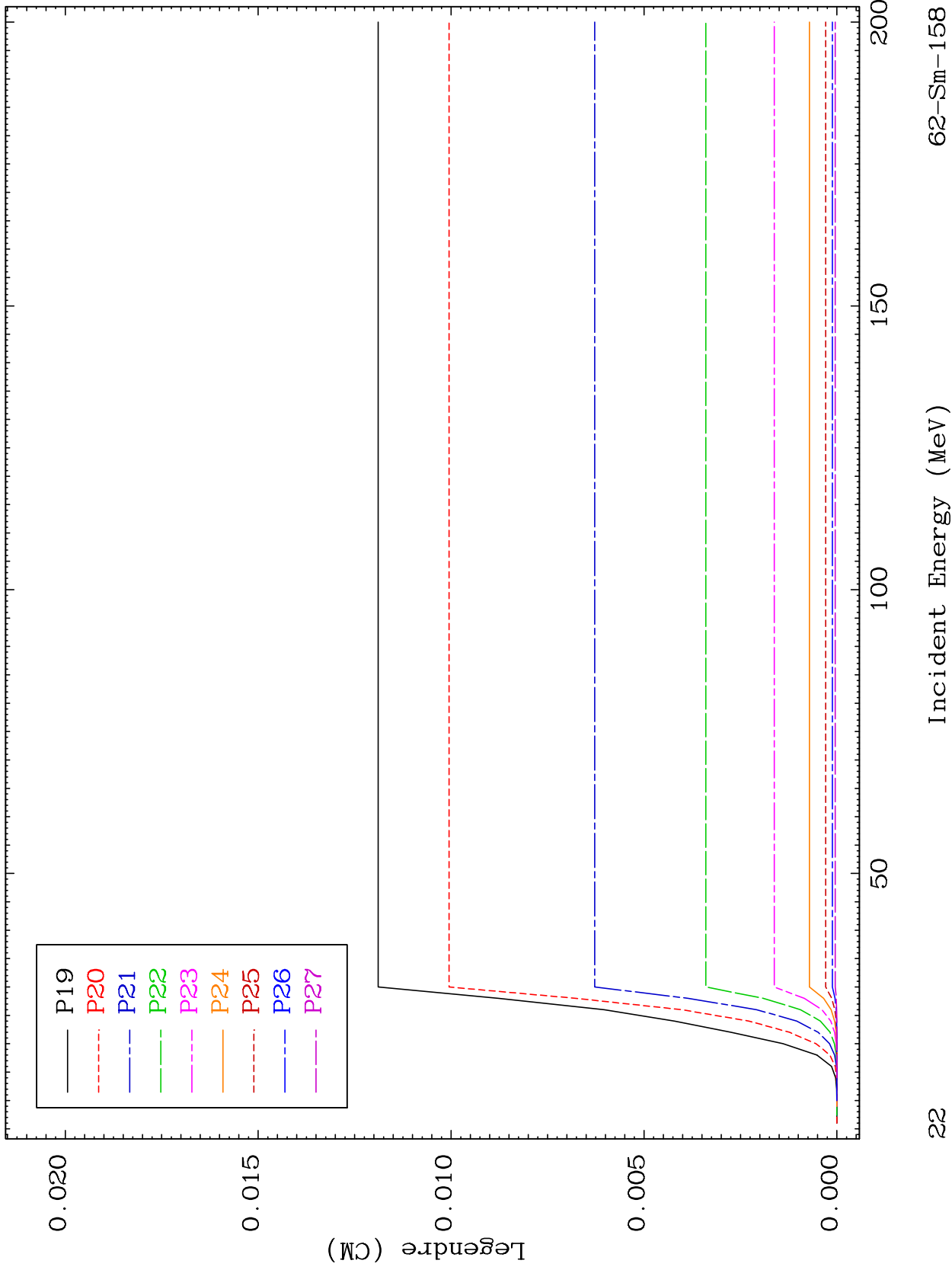
Incident Energy (MeV)

62-Sm-158

MAT 6267

72.80 keV (n,n') Level
Legendre Coefficients

62-Sm-158



22

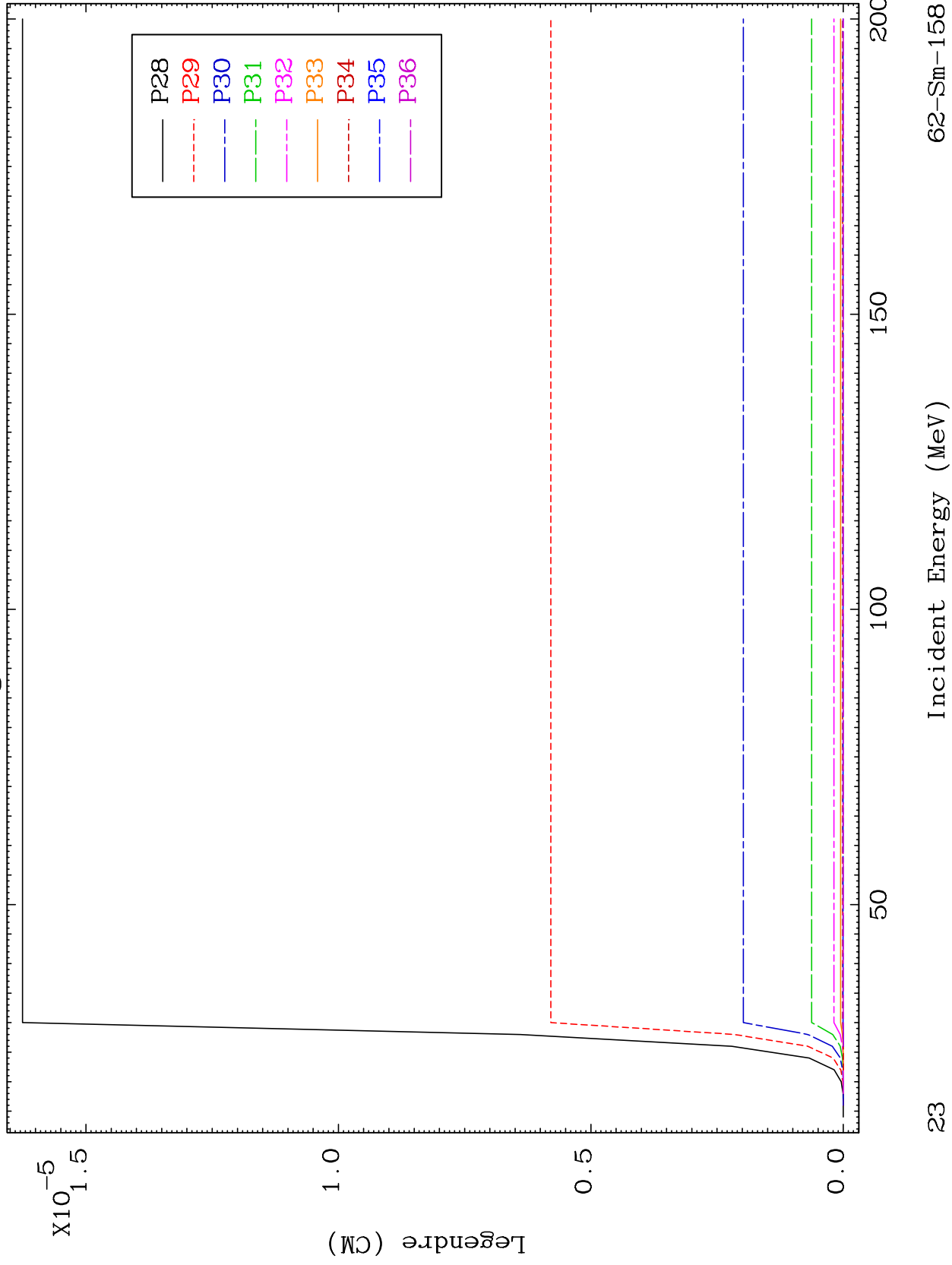
Incident Energy (MeV)

62-Sm-158

MAT 6267

72.80 keV (n,n') Level
Legendre Coefficients

62-Sm-158



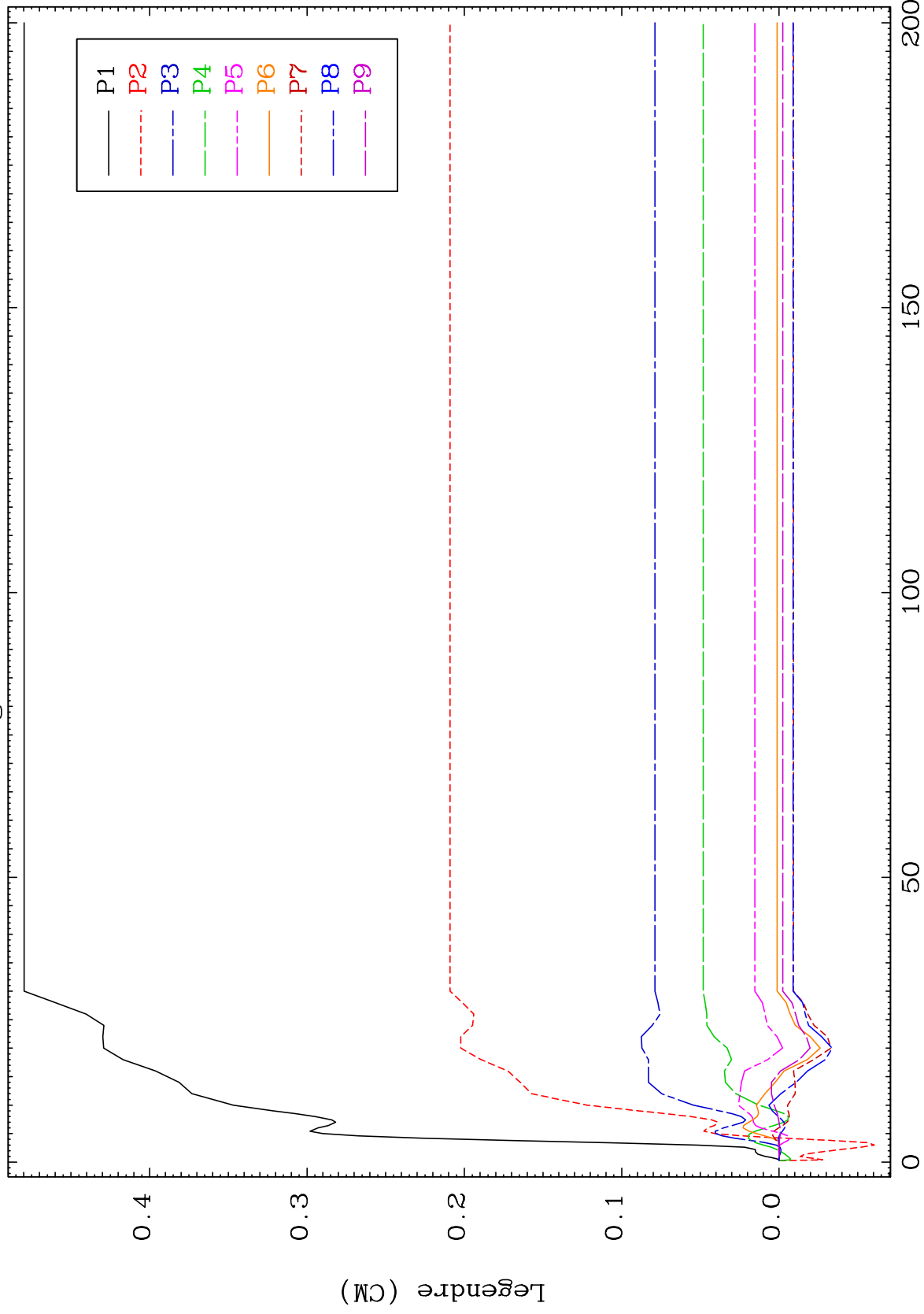
23

62-Sm-158

MAT 6267

240.3 keV (n, n') Level
Legendre Coefficients

62-Sm-158



24

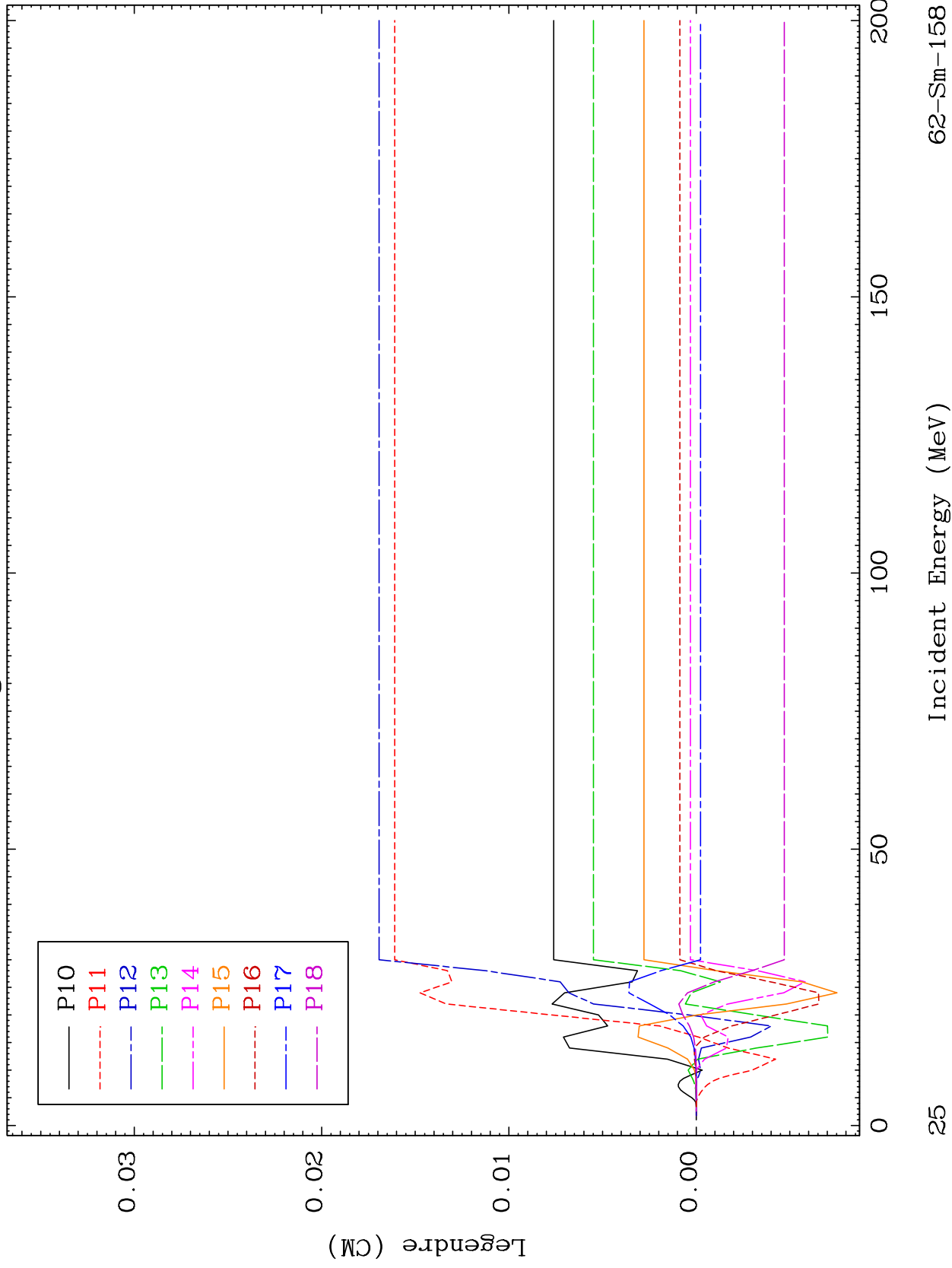
Incident Energy (MeV)

62-Sm-158

MAT 6267

240.3 keV (n, n') Level
Legendre Coefficients

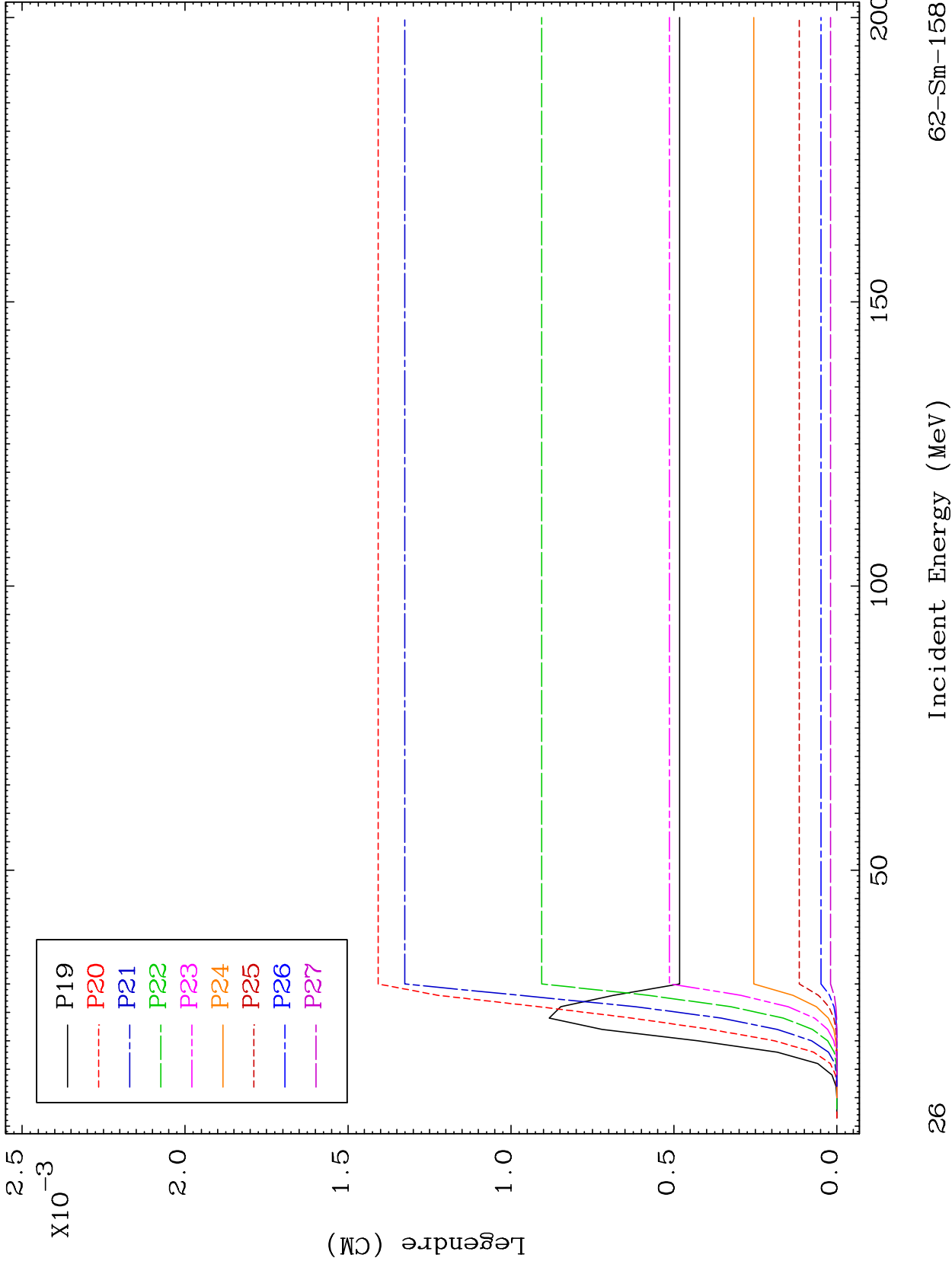
62-Sm-158



62-Sm-158

Incident Energy (MeV)

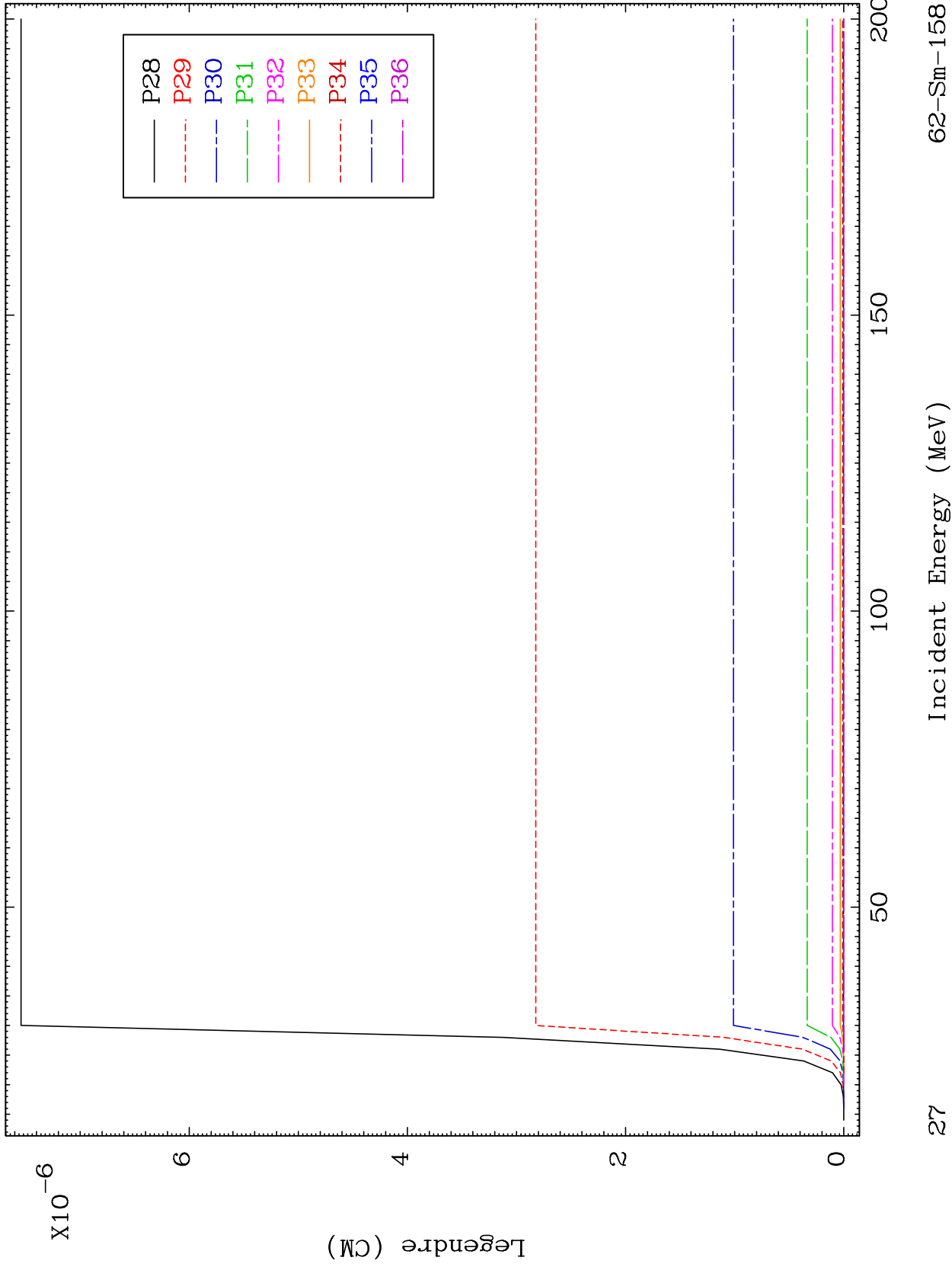
25



MAT 6267

240.3 keV (n,n') Level
Legendre Coefficients

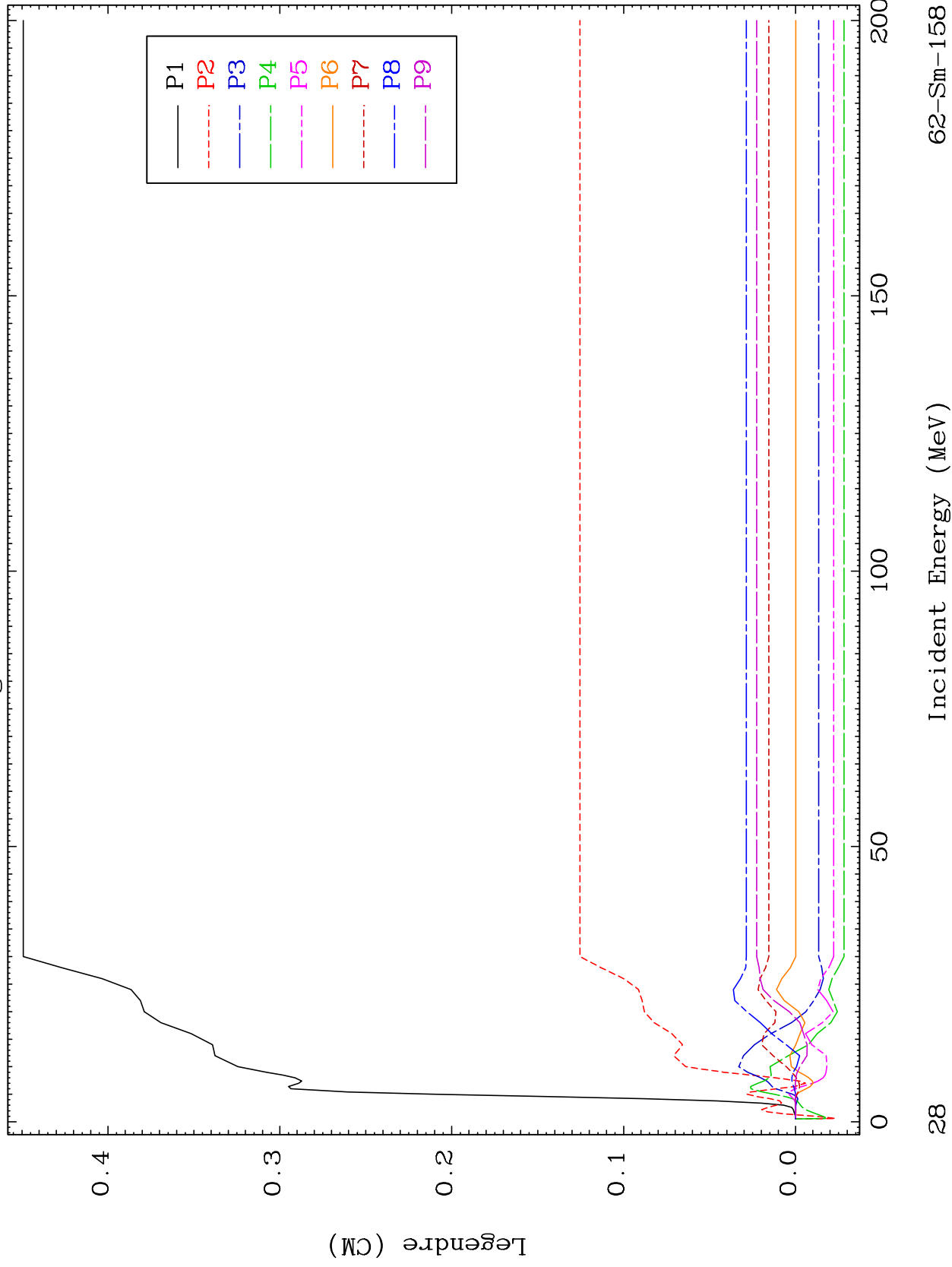
62-Sm-158



MAT 6267

498.4 keV (n,n') Level
Legendre Coefficients

62-Sm-158



62-Sm-158

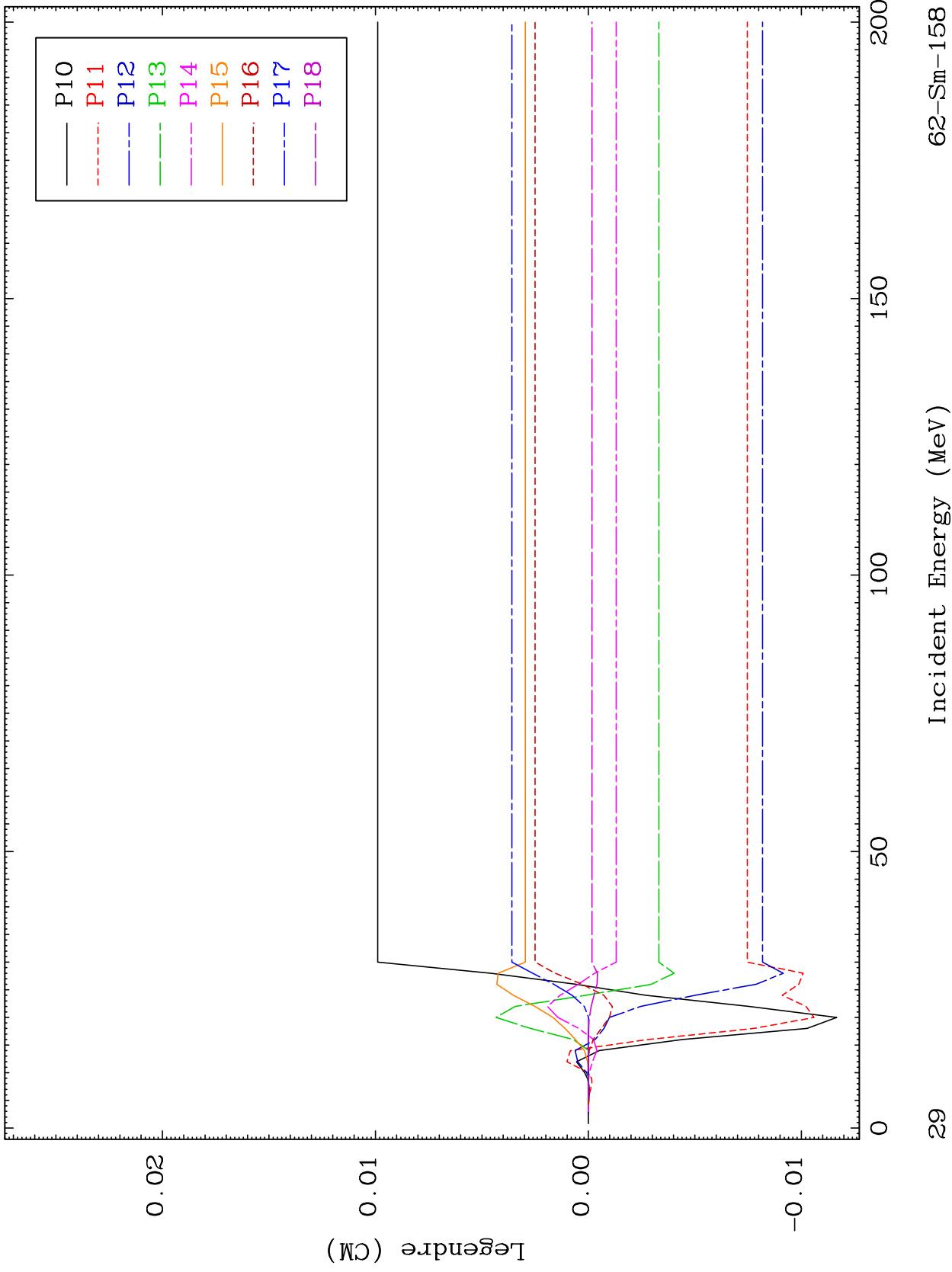
Incident Energy (MeV)

28

MAT 6267

498.4 keV (n,n') Level
Legendre Coefficients

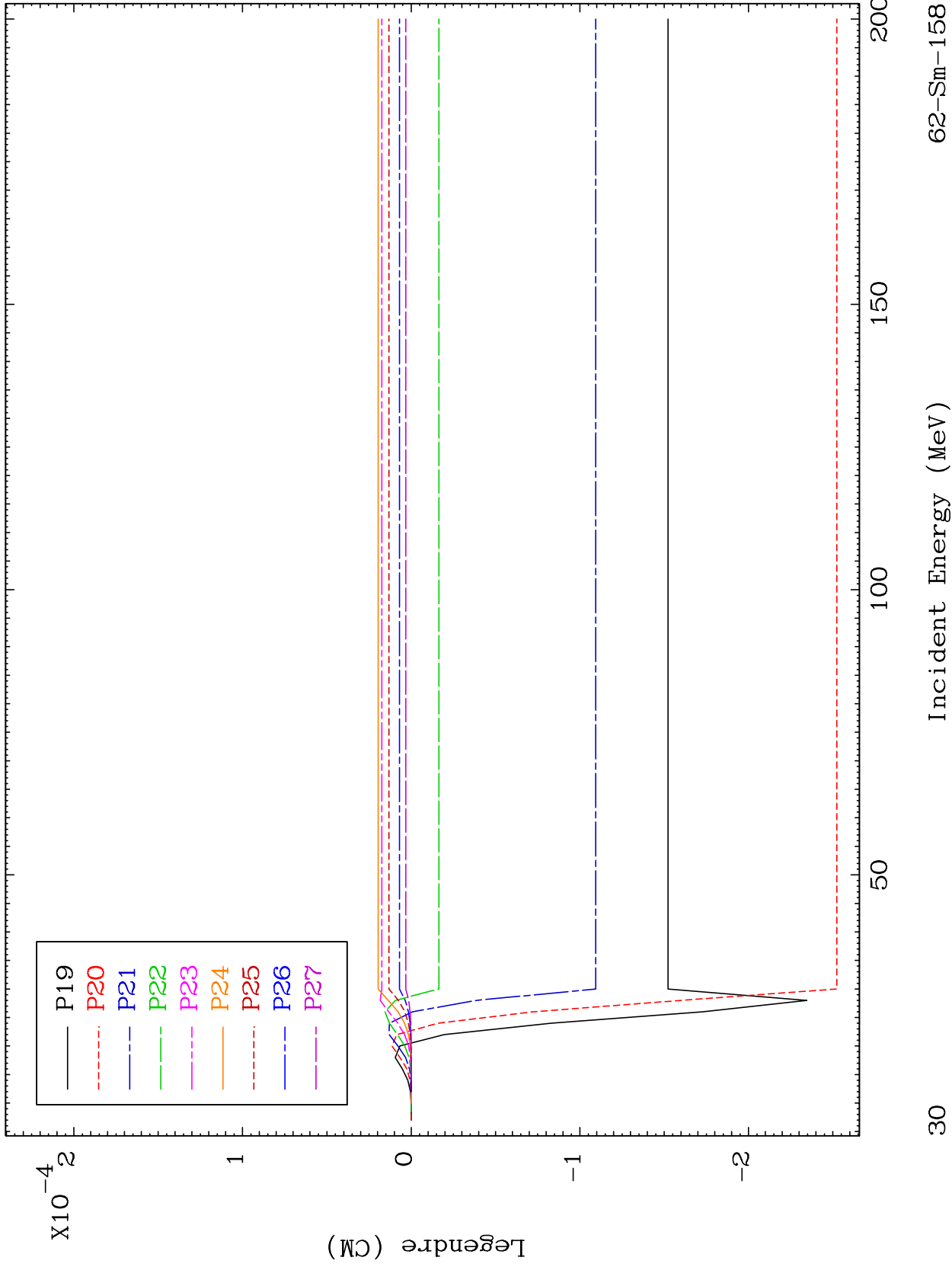
62-Sm-158



MAT 6267

498.4 keV (n,n') Level
Legendre Coefficients

62-Sm-158



30

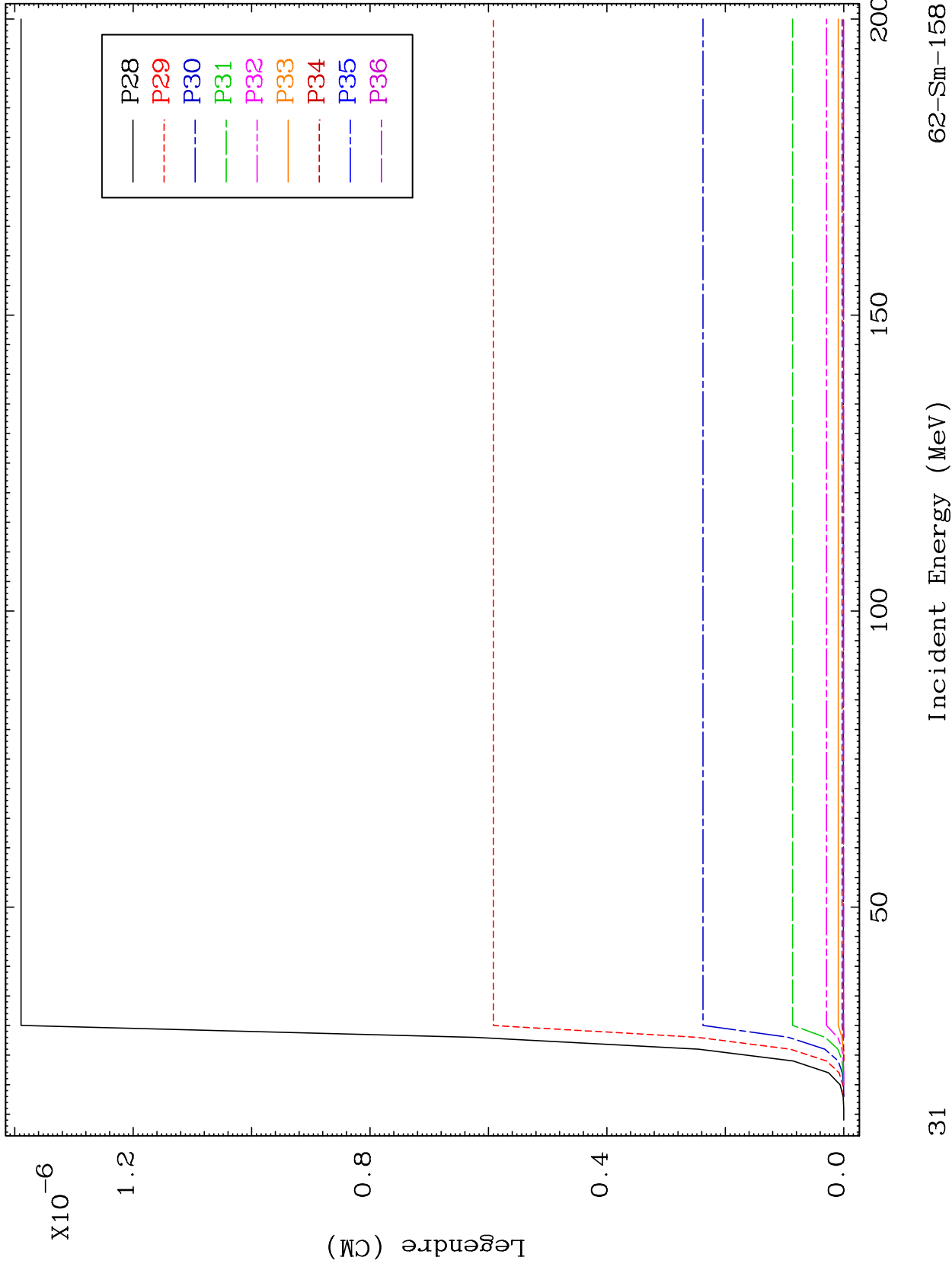
Incident Energy (MeV)

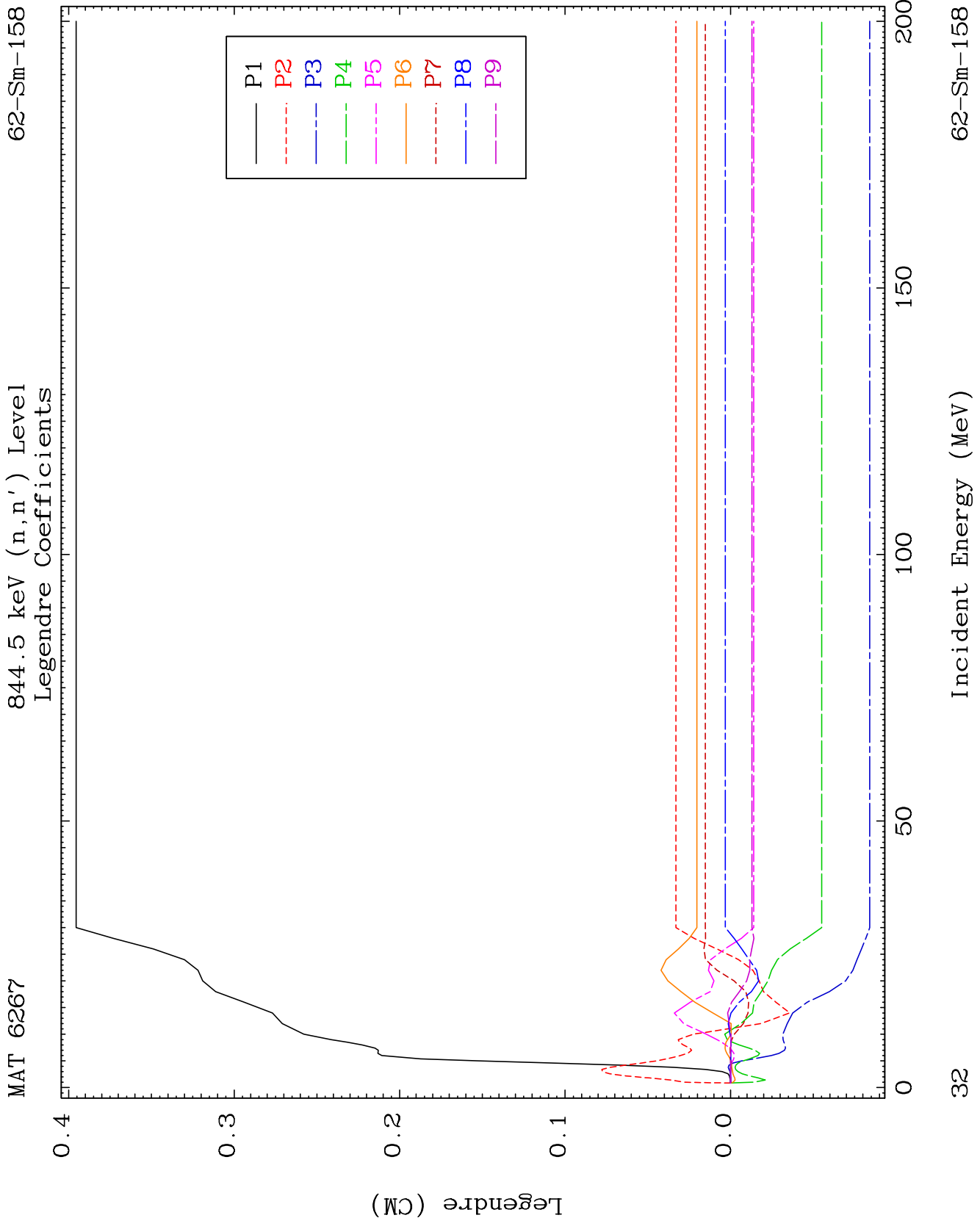
62-Sm-158

MAT 6267

498.4 keV (n,n') Level
Legendre Coefficients

62-Sm-158

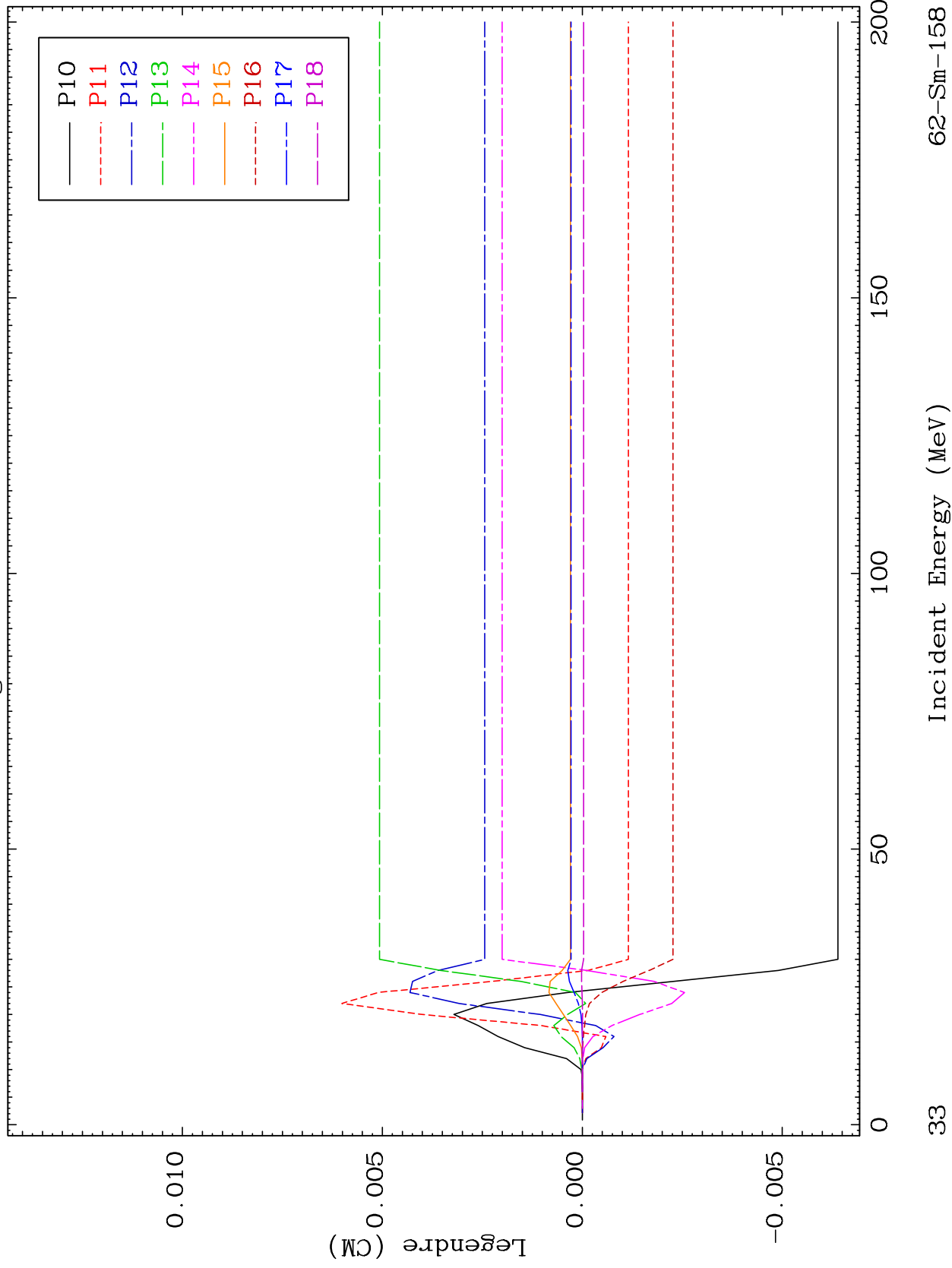




MAT 6267

844.5 keV (n,n') Level
Legendre Coefficients

62-Sm-158



33

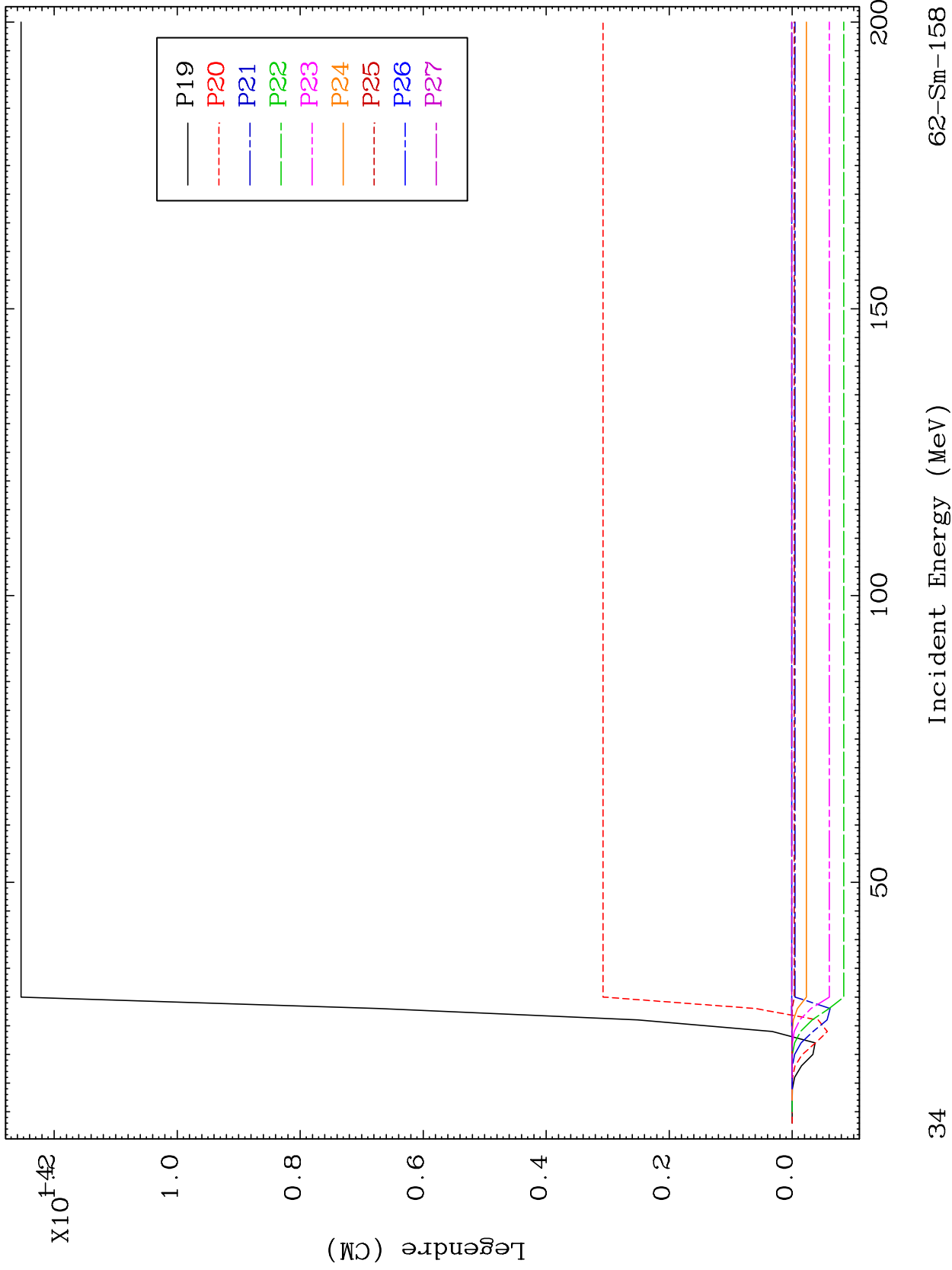
Incident Energy (MeV)

62-Sm-158

MAT 6267

844.5 keV (n,n') Level
Legendre Coefficients

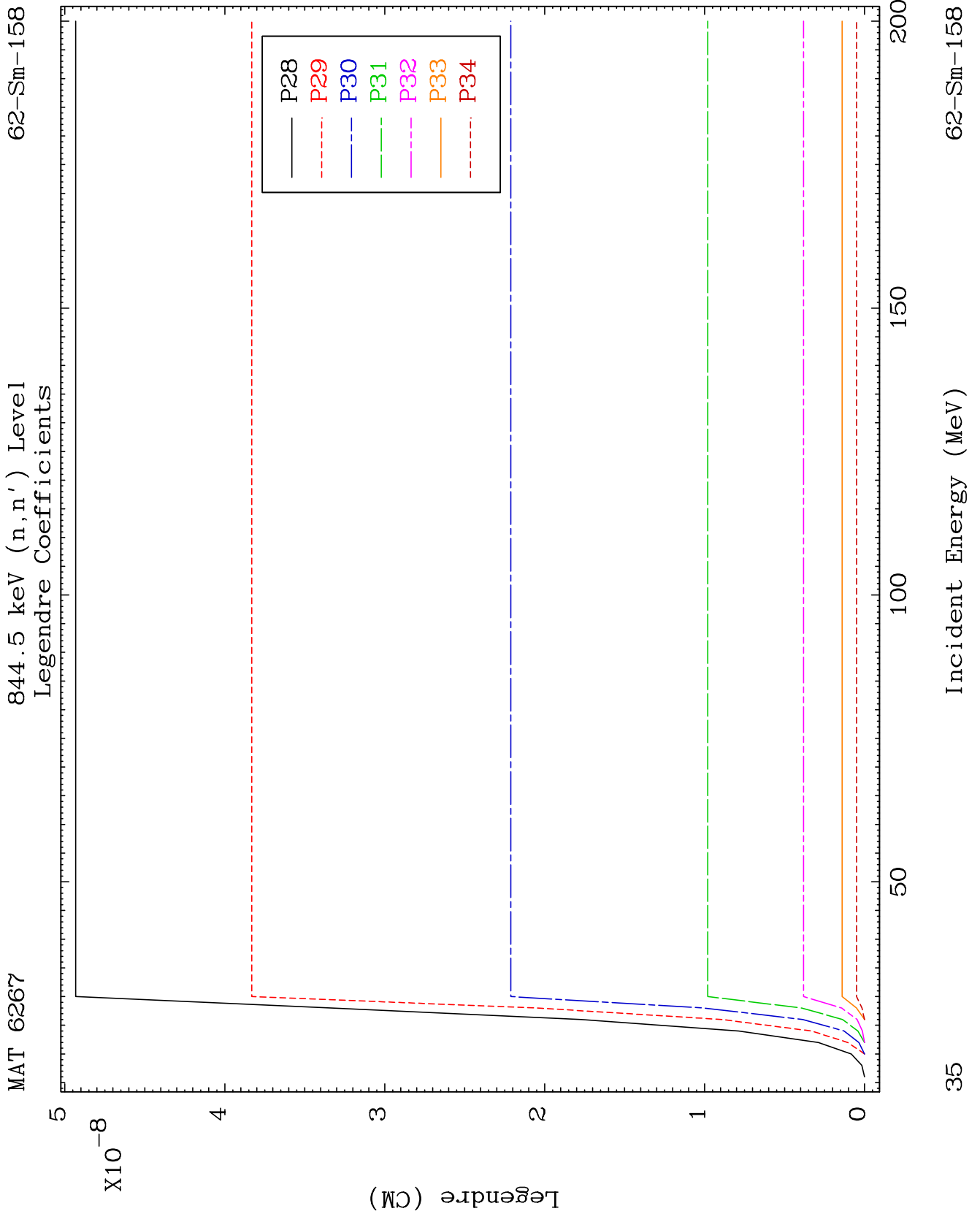
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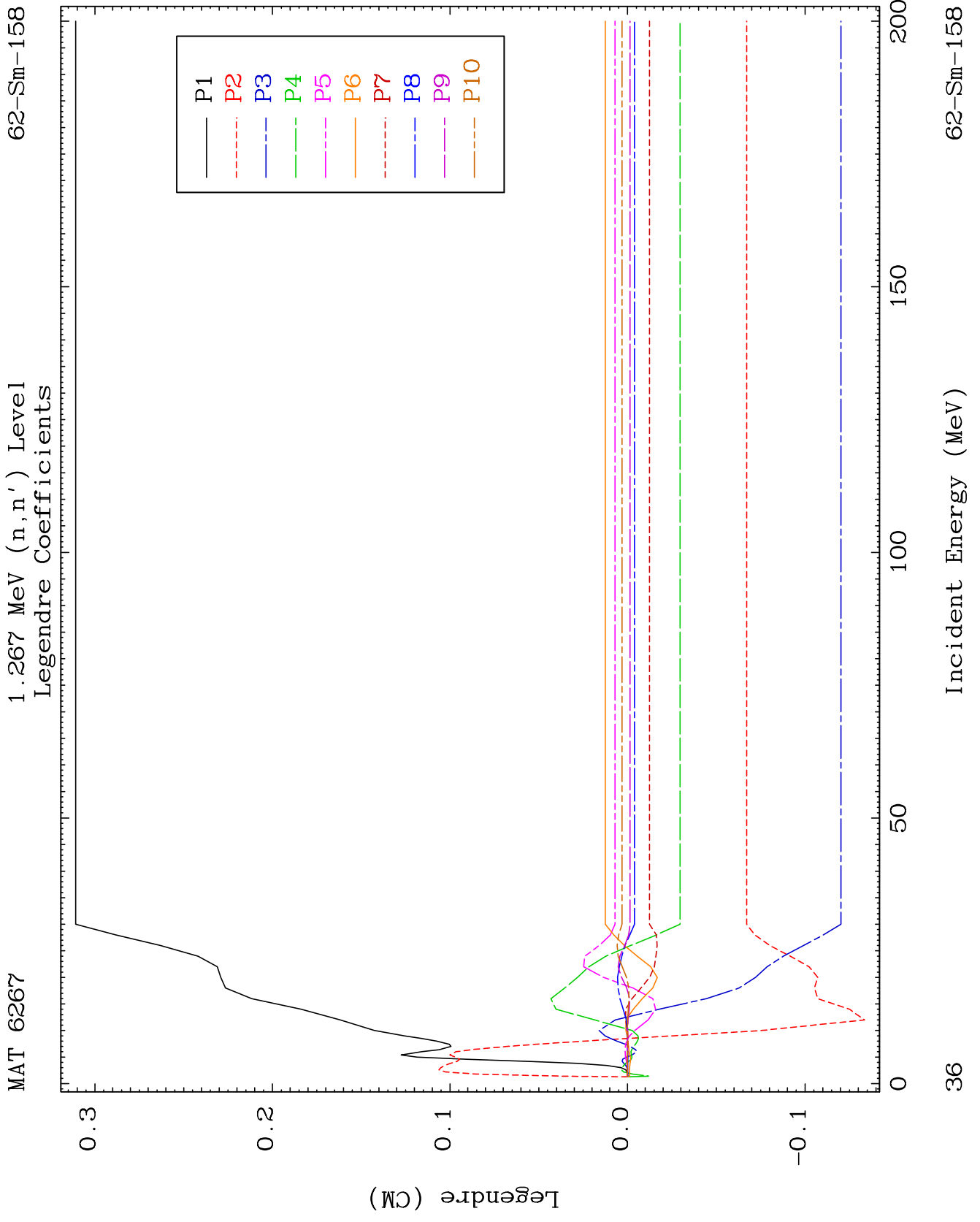


34

Incident Energy (MeV)

62-Sm-158

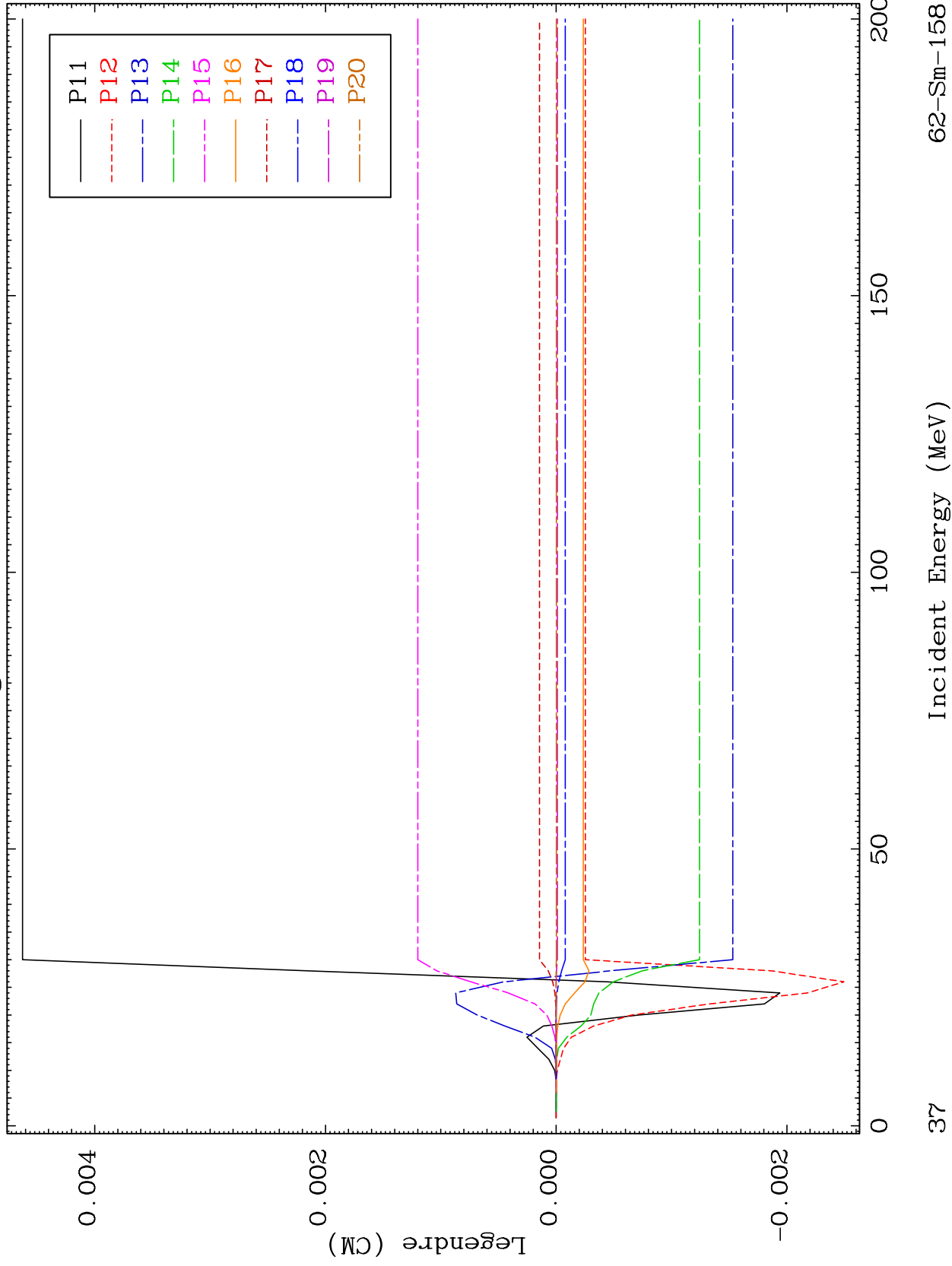




MAT 6267

1.267 MeV (n,n') Level
Legendre Coefficients

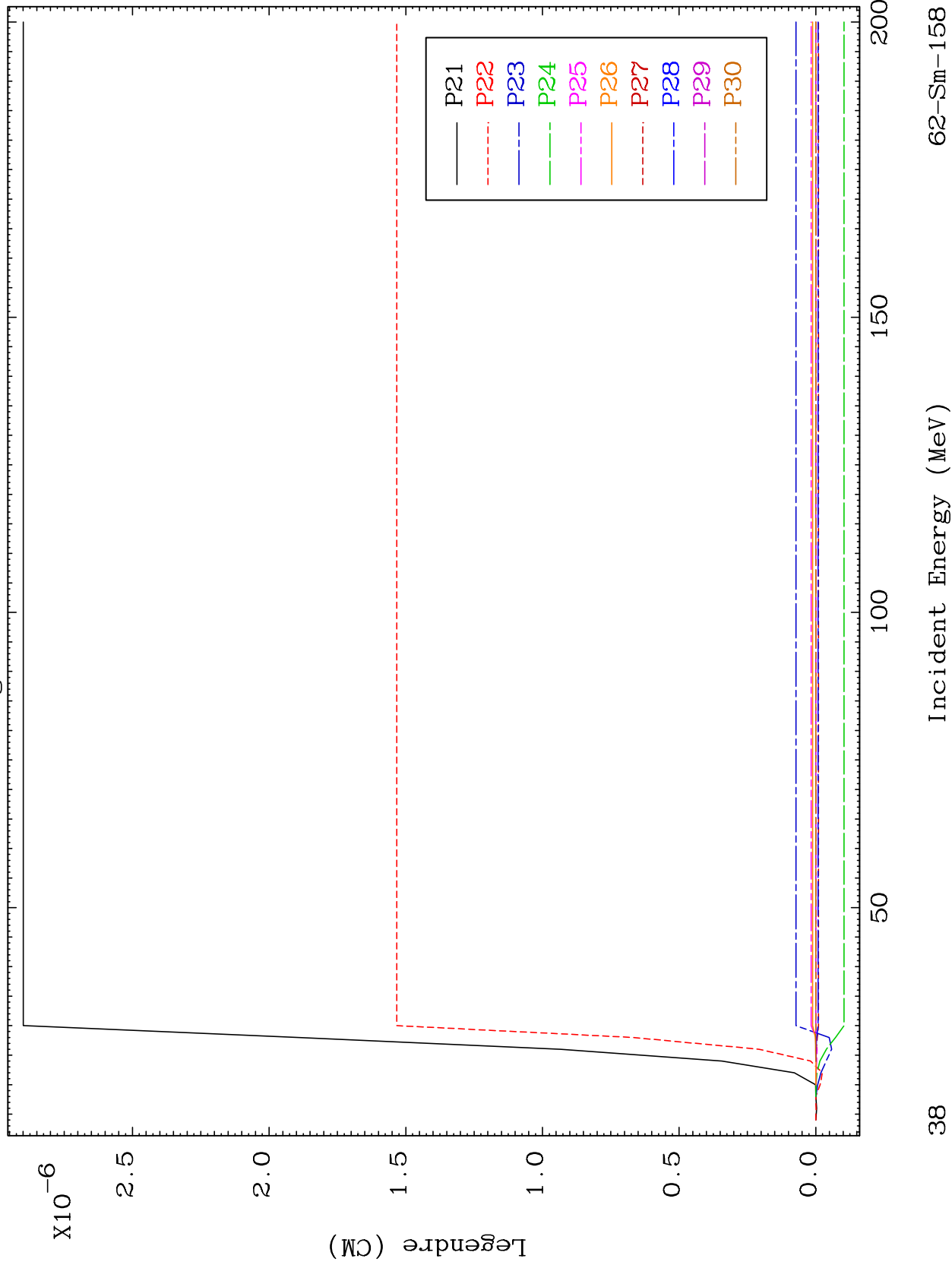
62-Sm-158



MAT 6267

1.267 MeV (n,n') Level
Legendre Coefficients

62-Sm-158



38

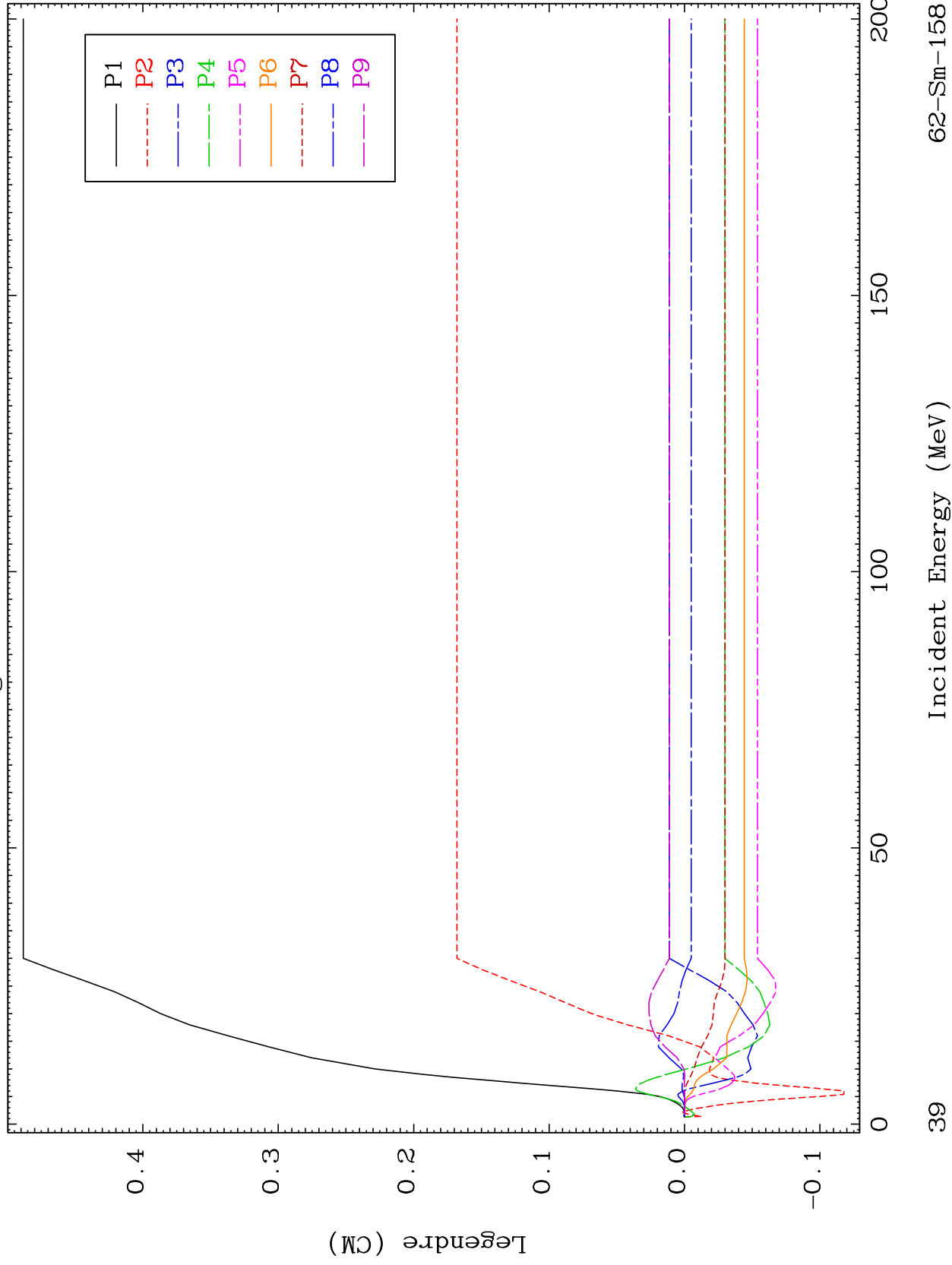
Incident Energy (MeV)

62-Sm-158

MAT 6267

1.279 MeV (n,n') Level
Legendre Coefficients

62-Sm-158



62-Sm-158

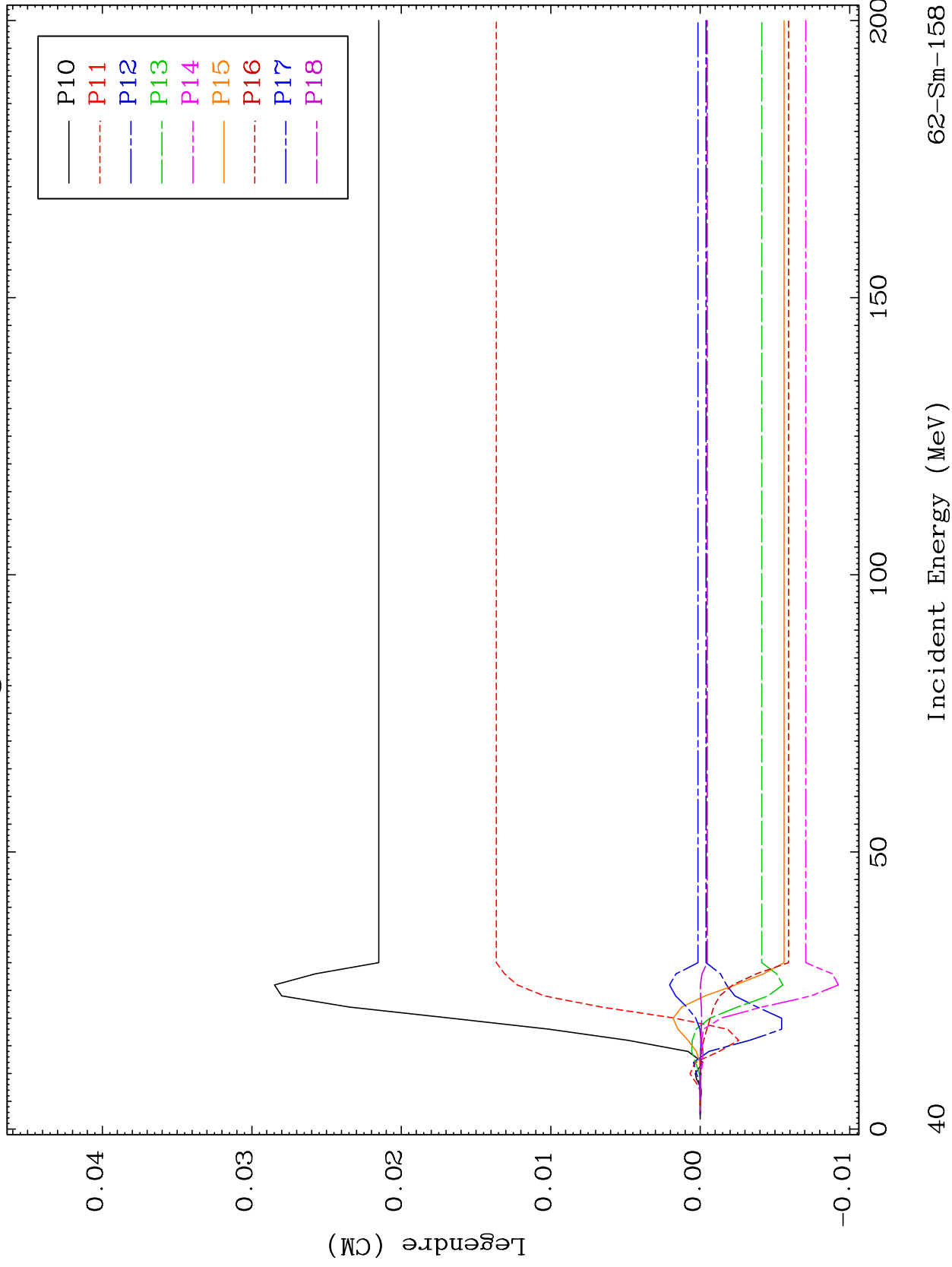
Incident Energy (MeV)

39

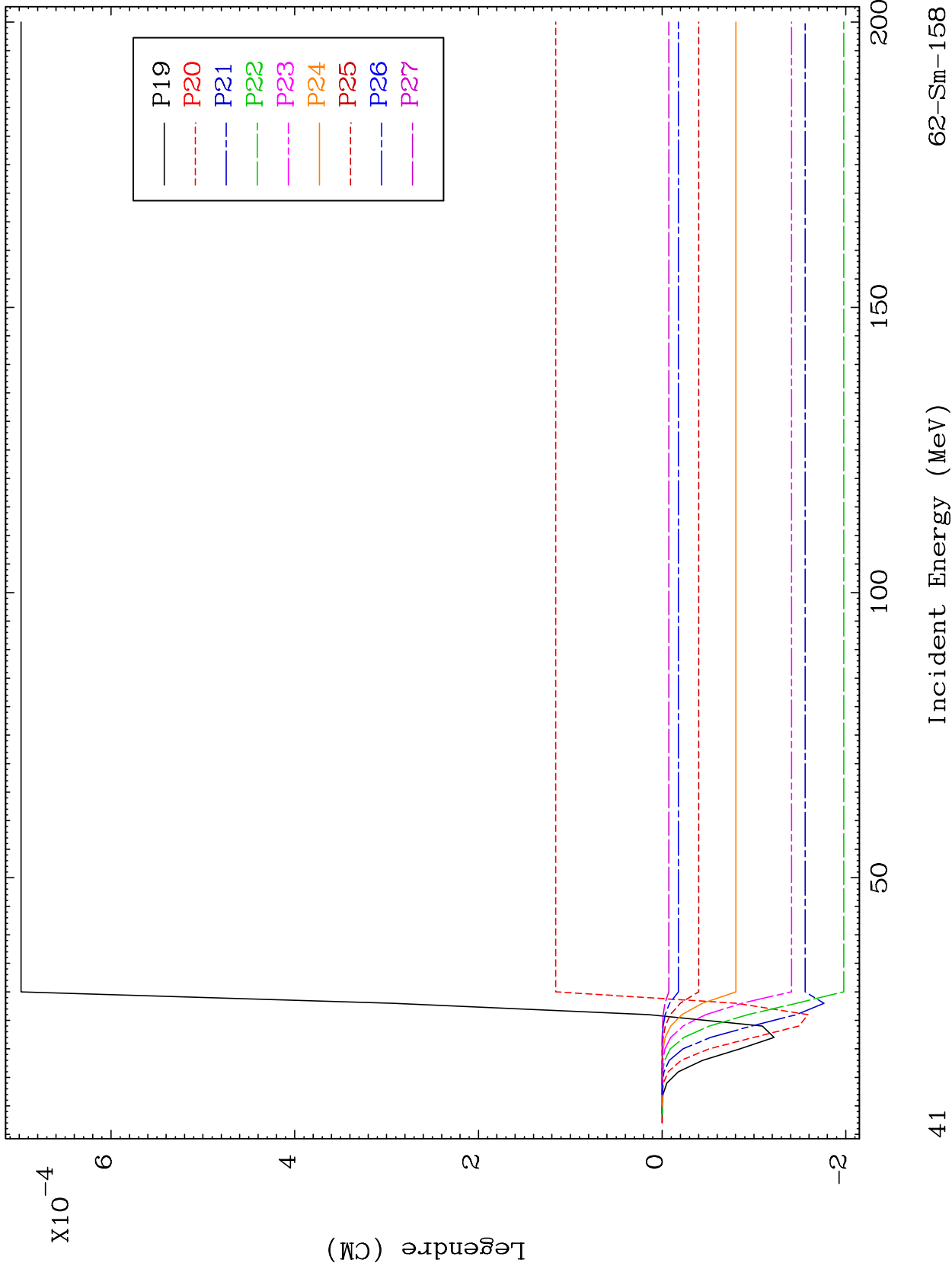
MAT 6267

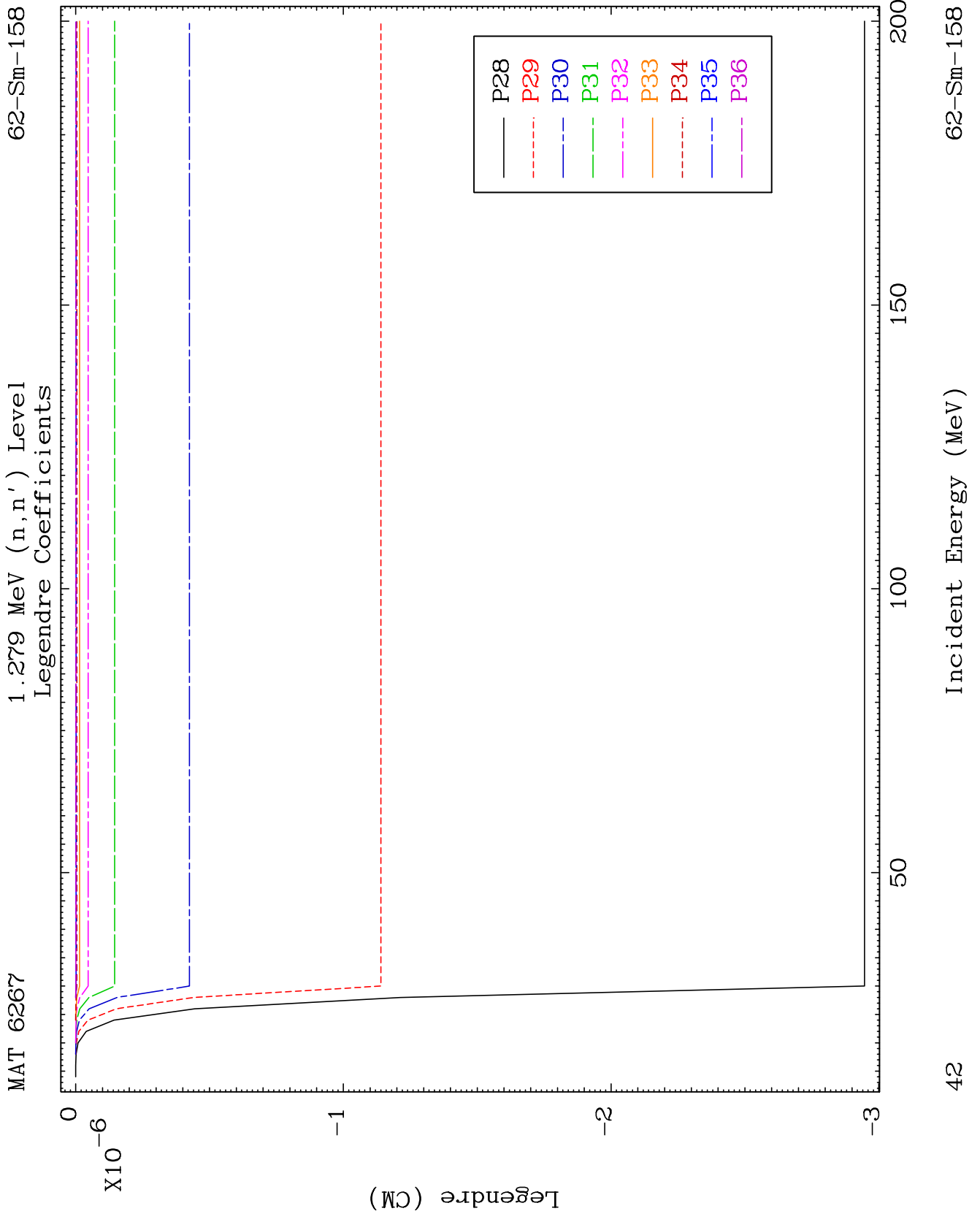
1.279 MeV (n,n') Level
Legendre Coefficients

62-Sm-158



62-Sm-158

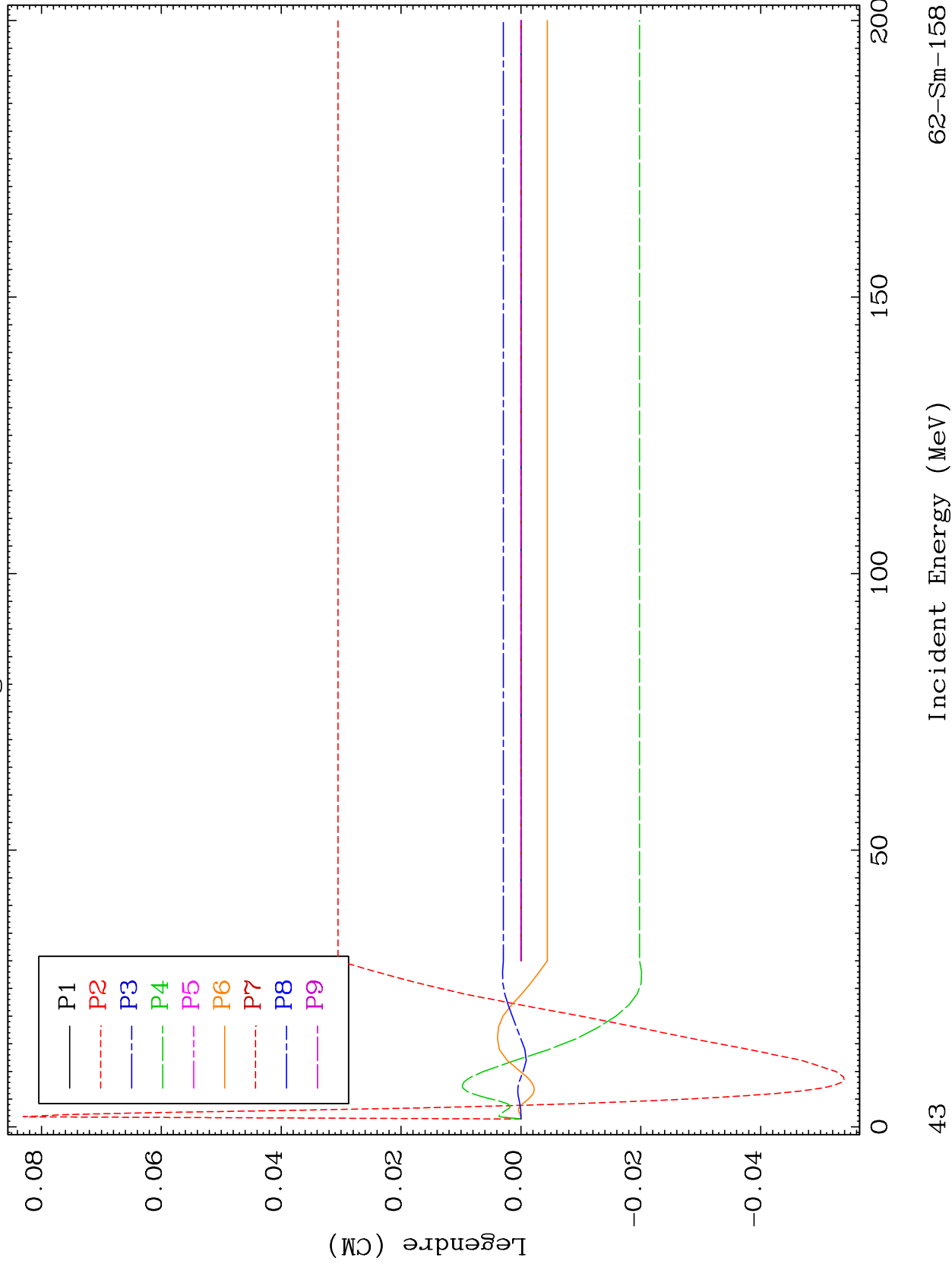




MAT 6267

1.391 MeV (n,n') Level
Legendre Coefficients

62-Sm-158



62-Sm-158

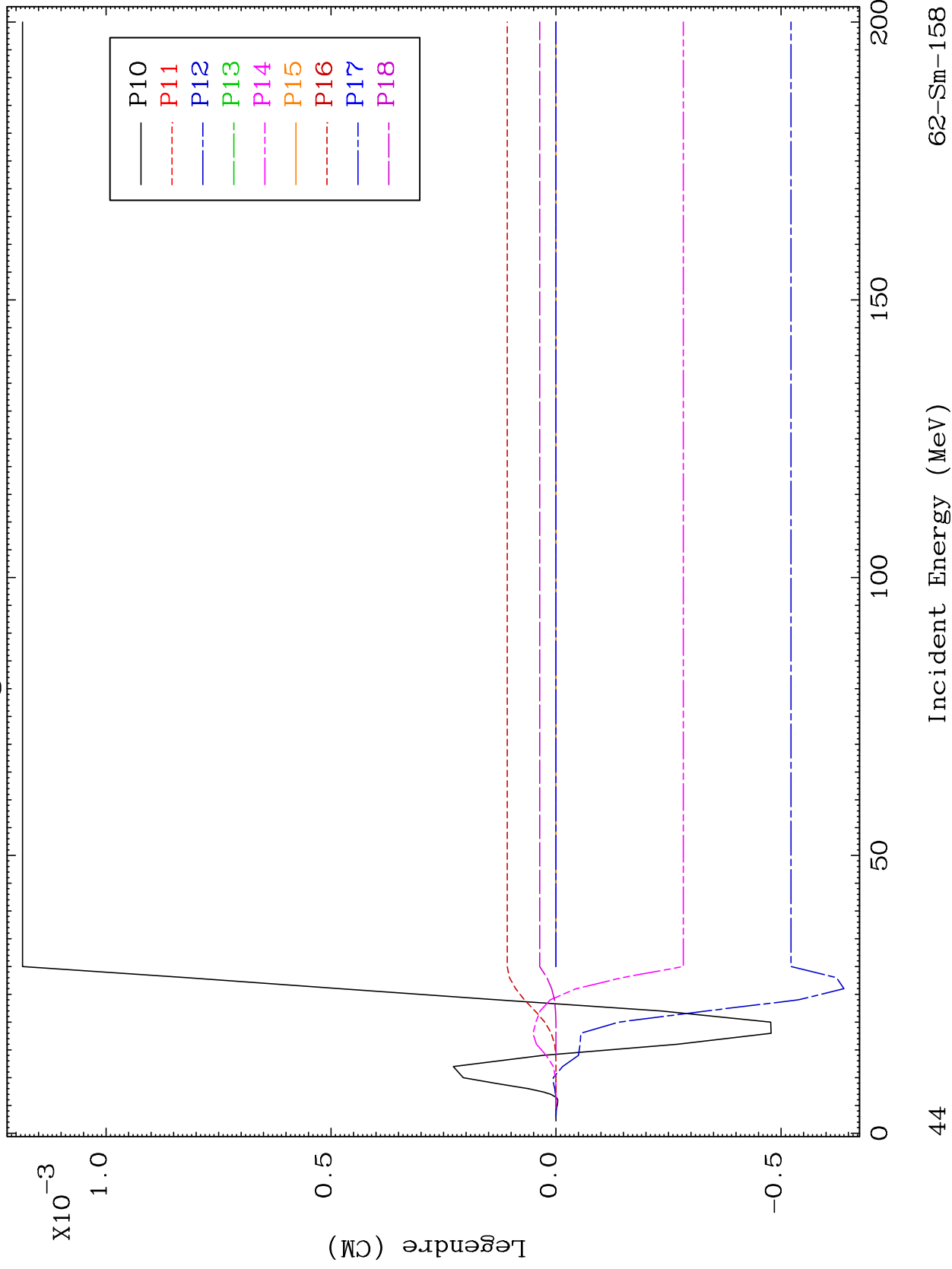
Incident Energy (MeV)

43

MAT 6267

1.391 MeV (n,n') Level
Legendre Coefficients

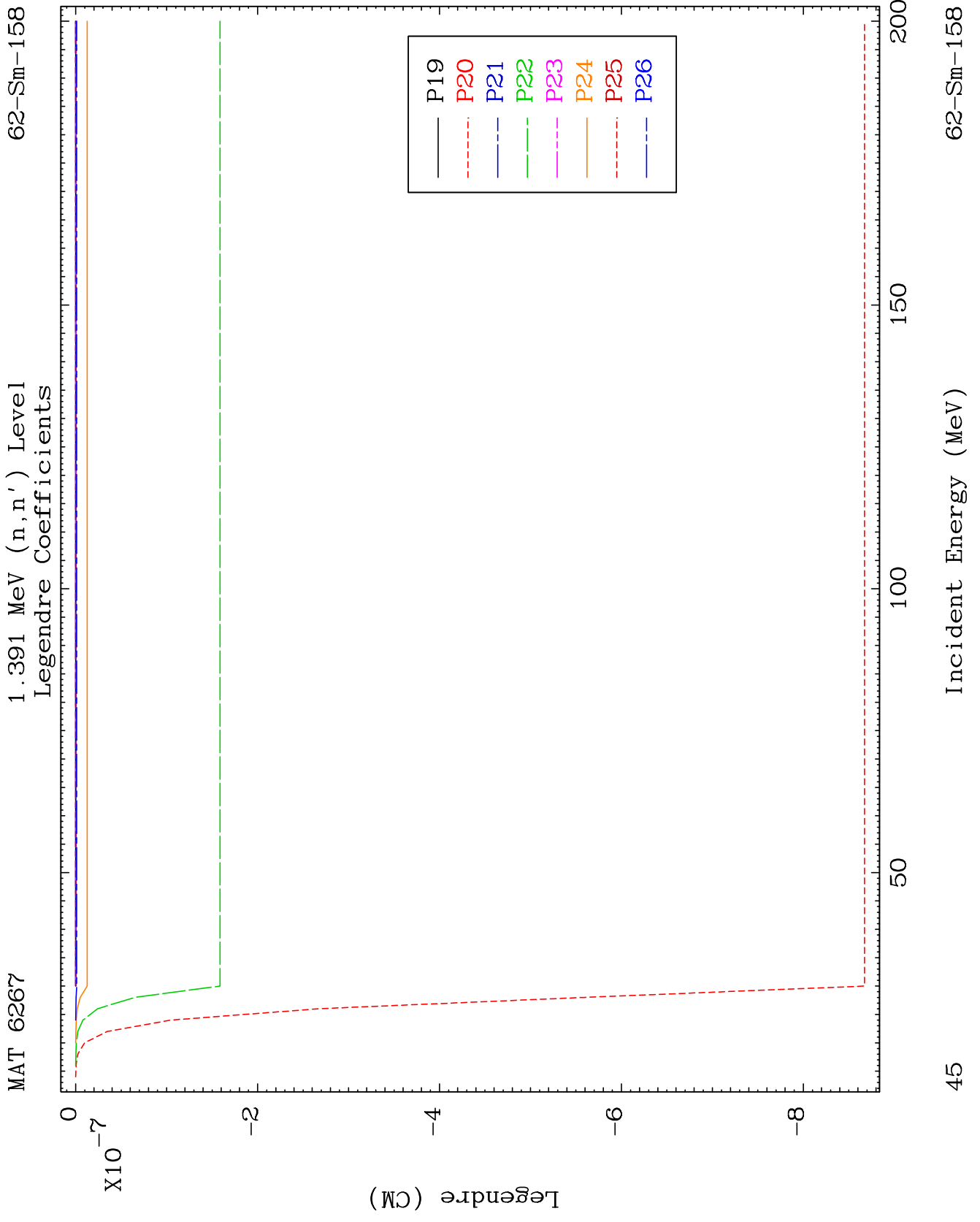
62-Sm-158



44

Incident Energy (MeV)

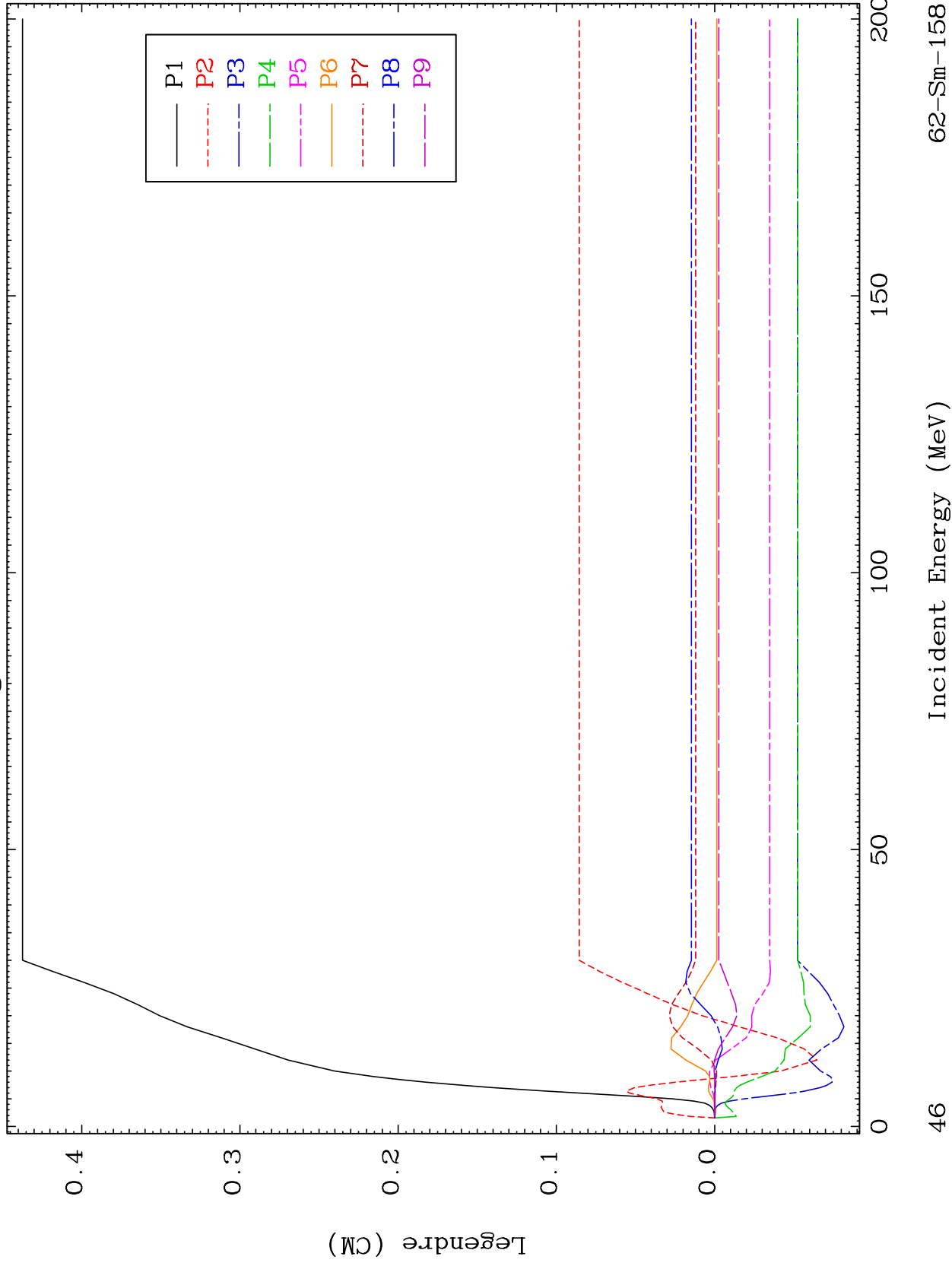
62-Sm-158



MAT 6267

1.522 MeV (n,n') Level
Legendre Coefficients

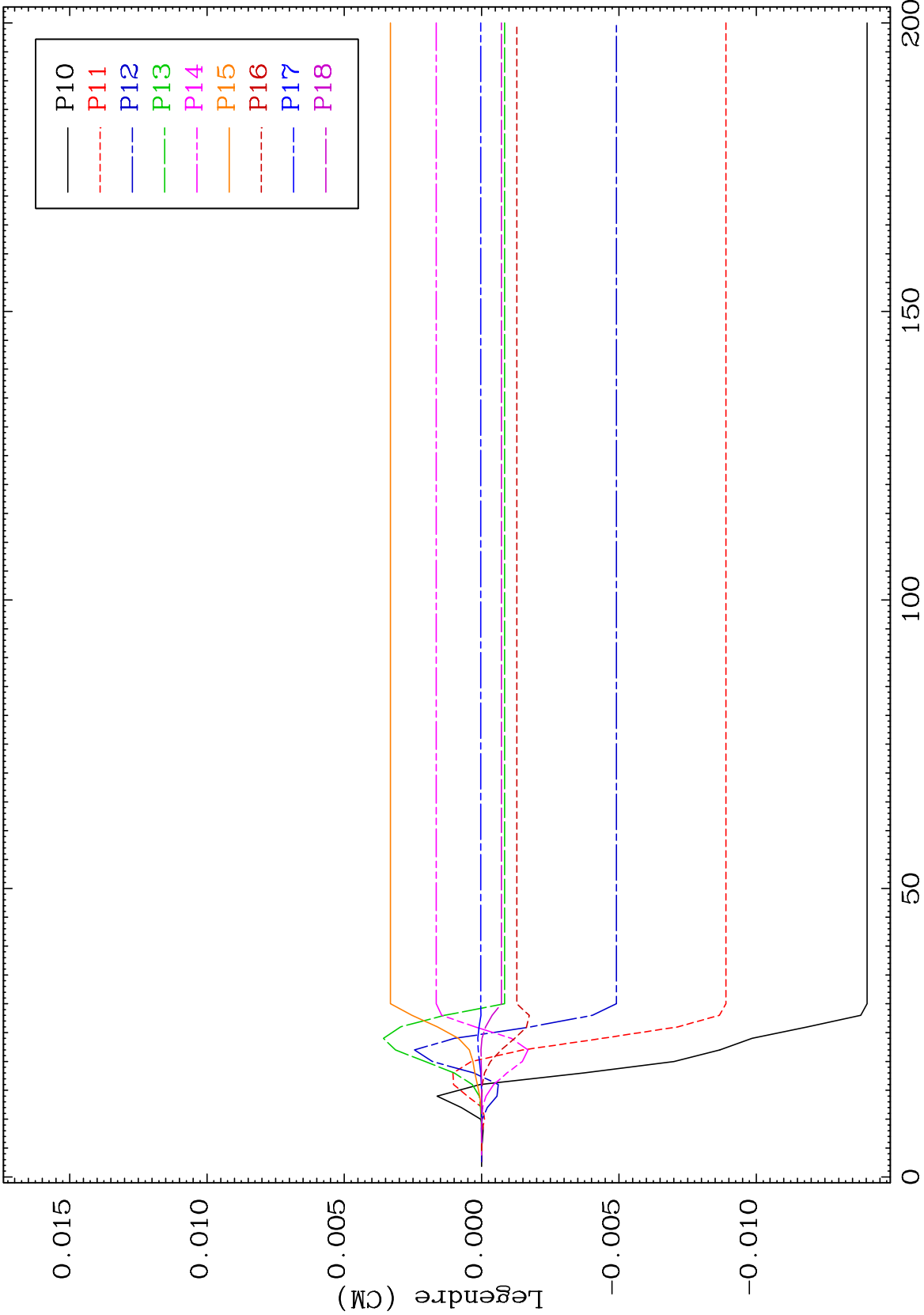
62-Sm-158



MAT 6267

1.522 MeV (n,n') Level
Legendre Coefficients

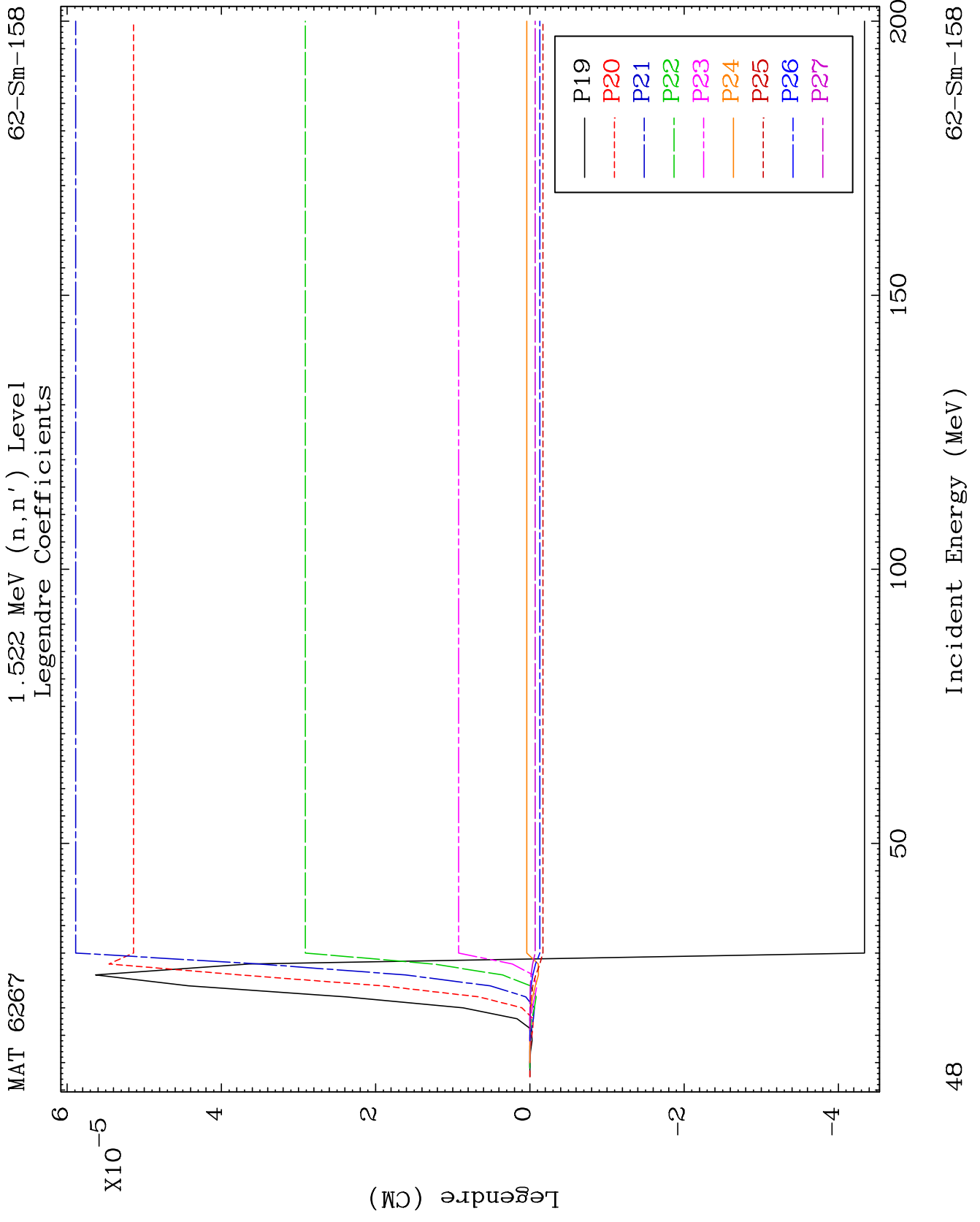
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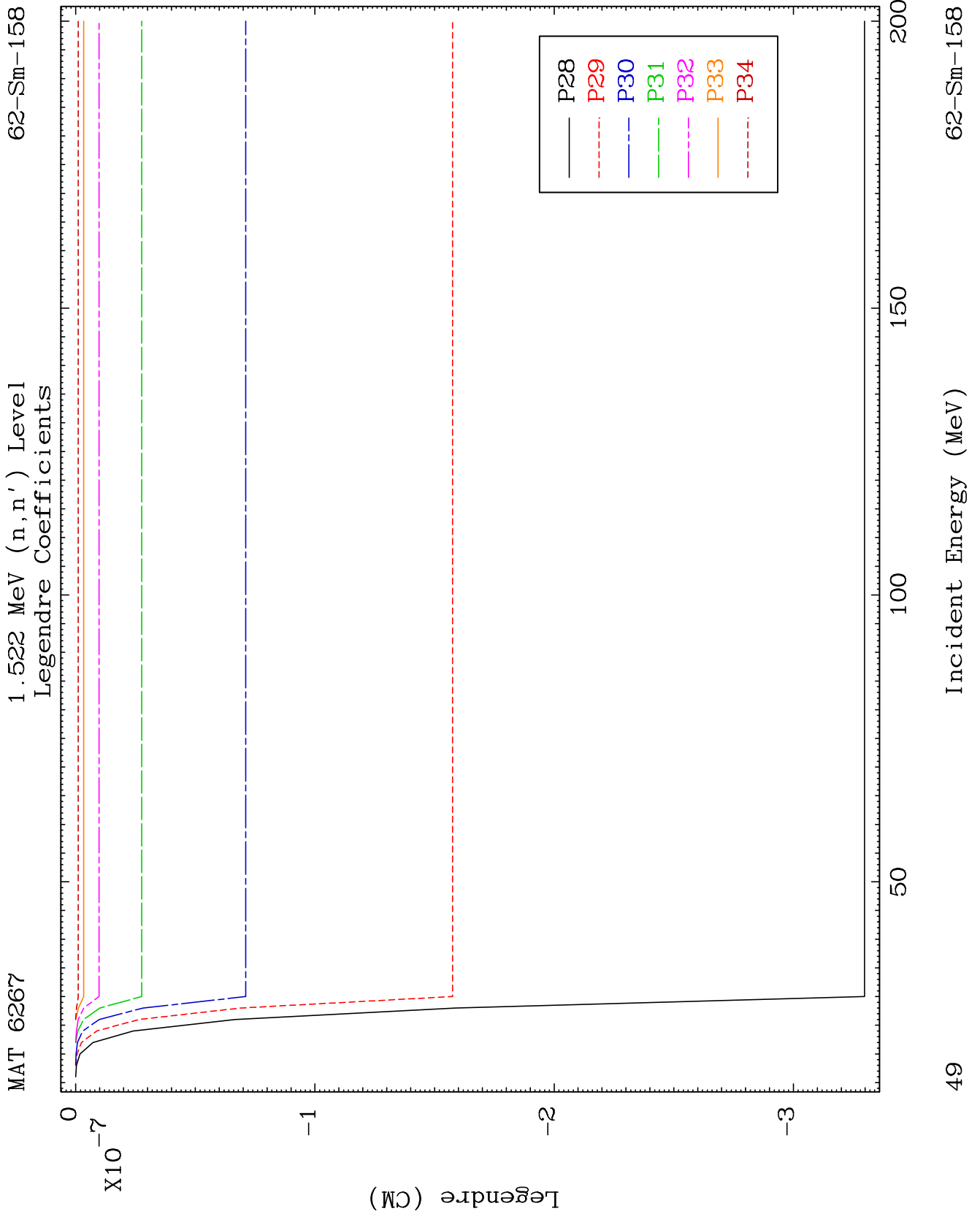


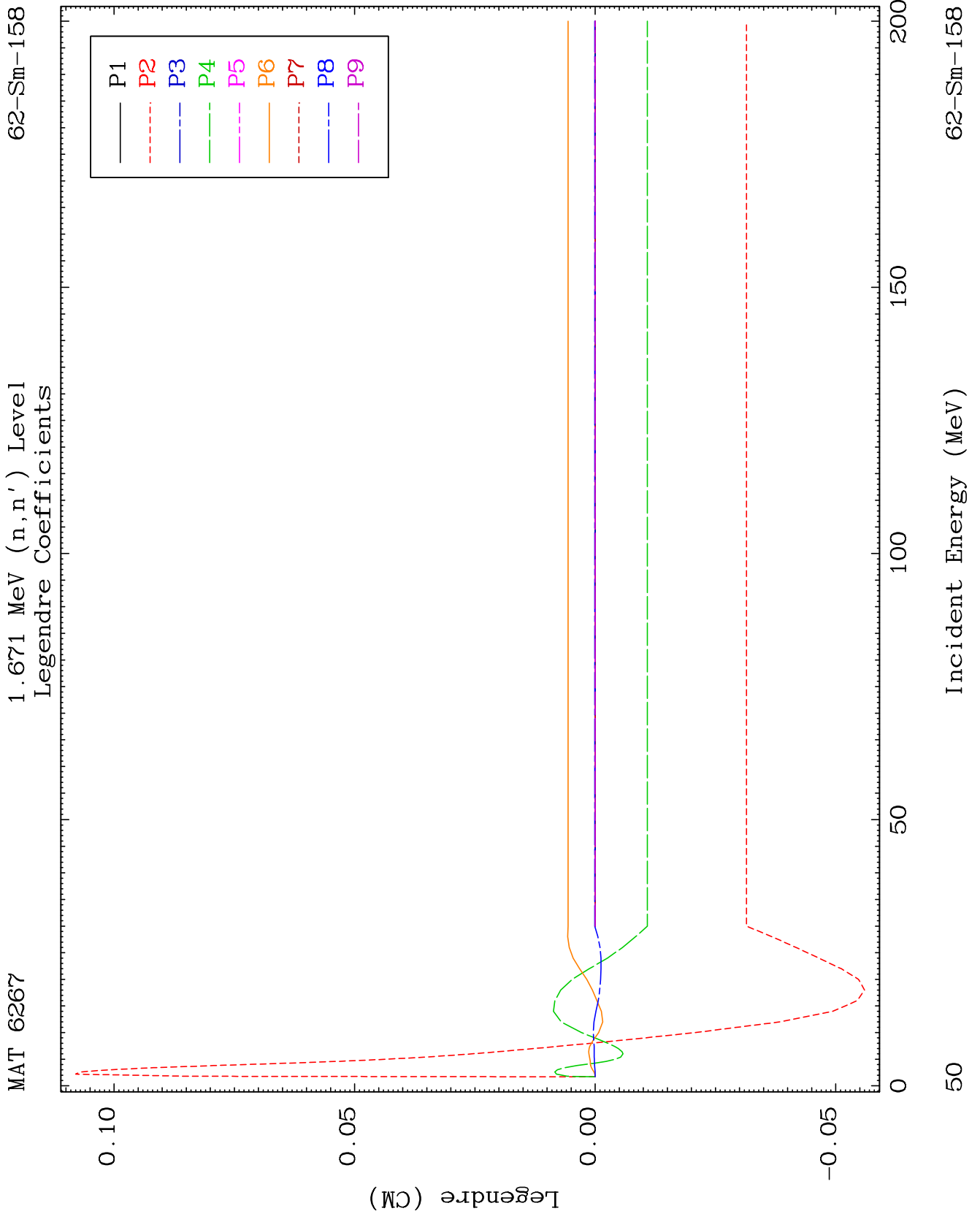
47

Incident Energy (MeV)

62-Sm-158



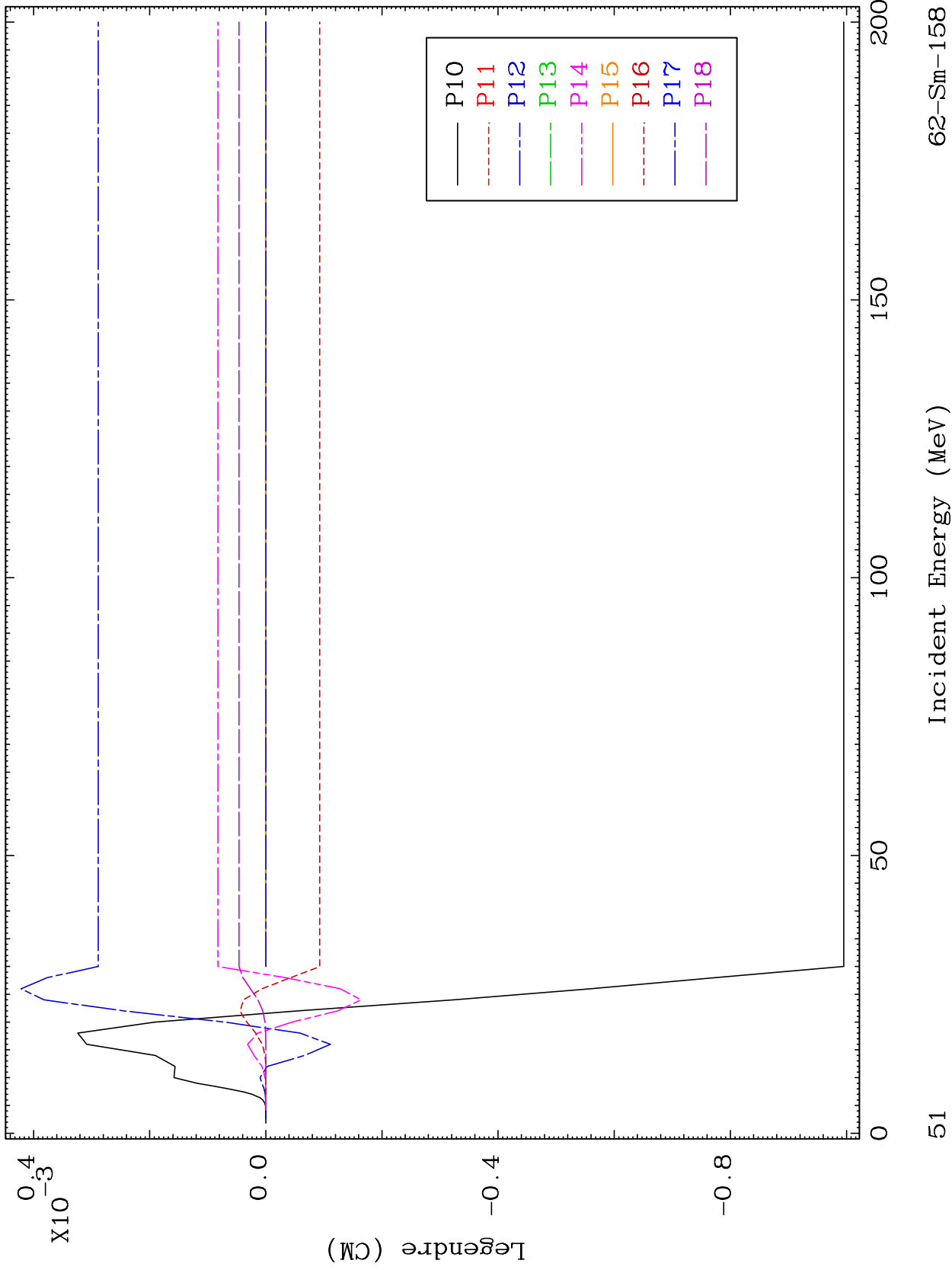




MAT 6267

1.671 MeV (n,n') Level
Legendre Coefficients

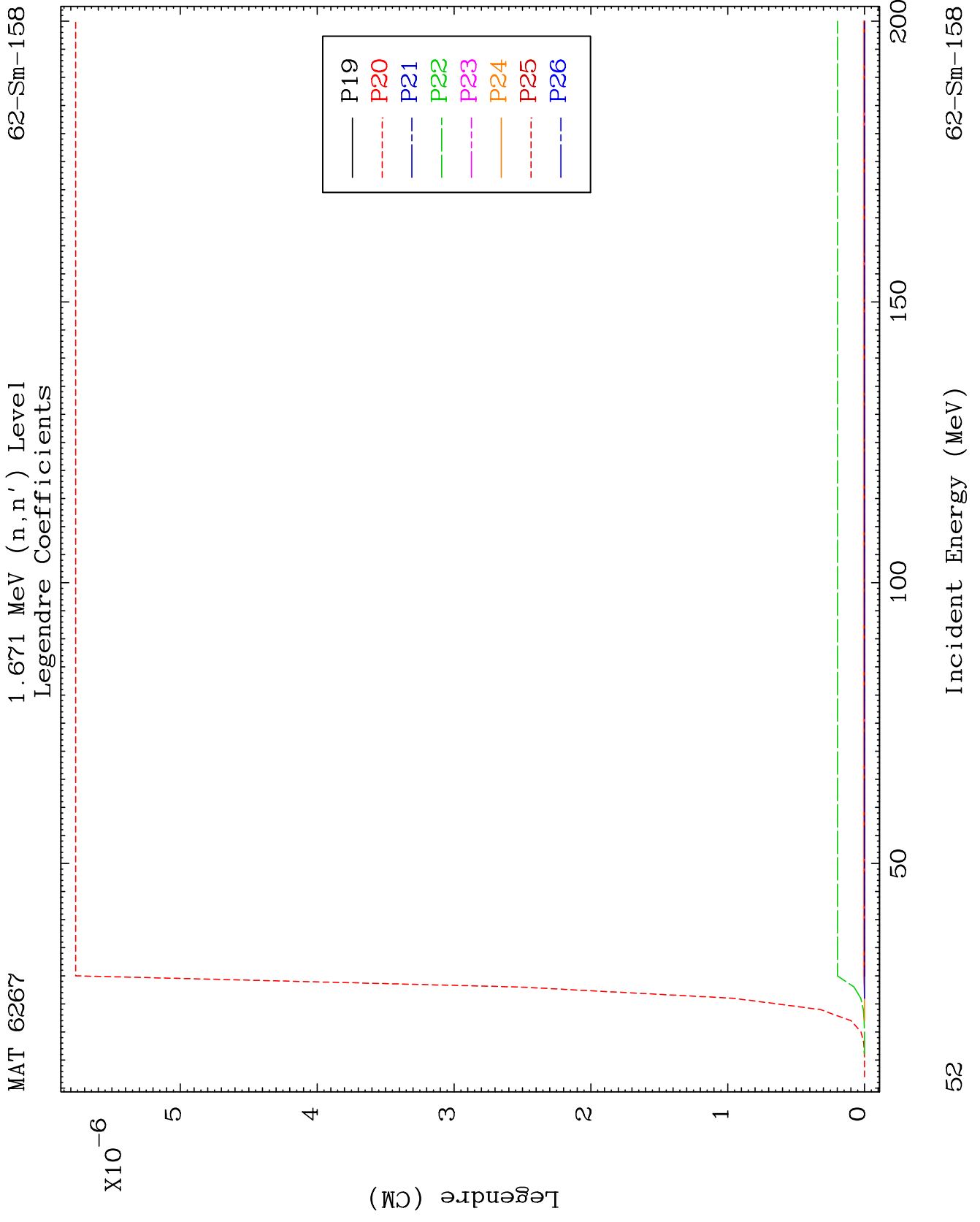
62-Sm-158



51

Incident Energy (MeV)

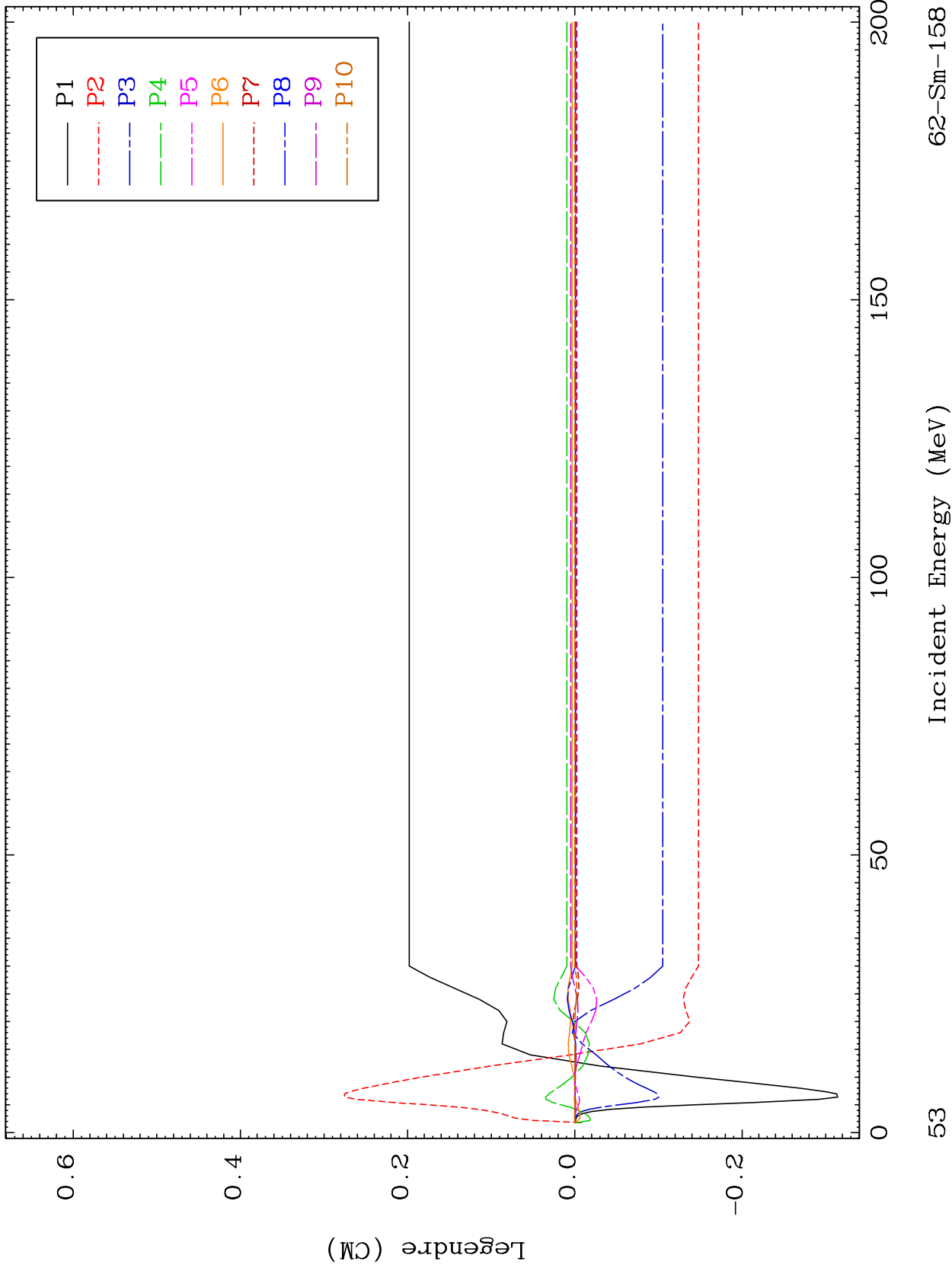
62-Sm-158



MAT 6267

1.766 MeV (n,n') Level
Legendre Coefficients

62-Sm-158



53

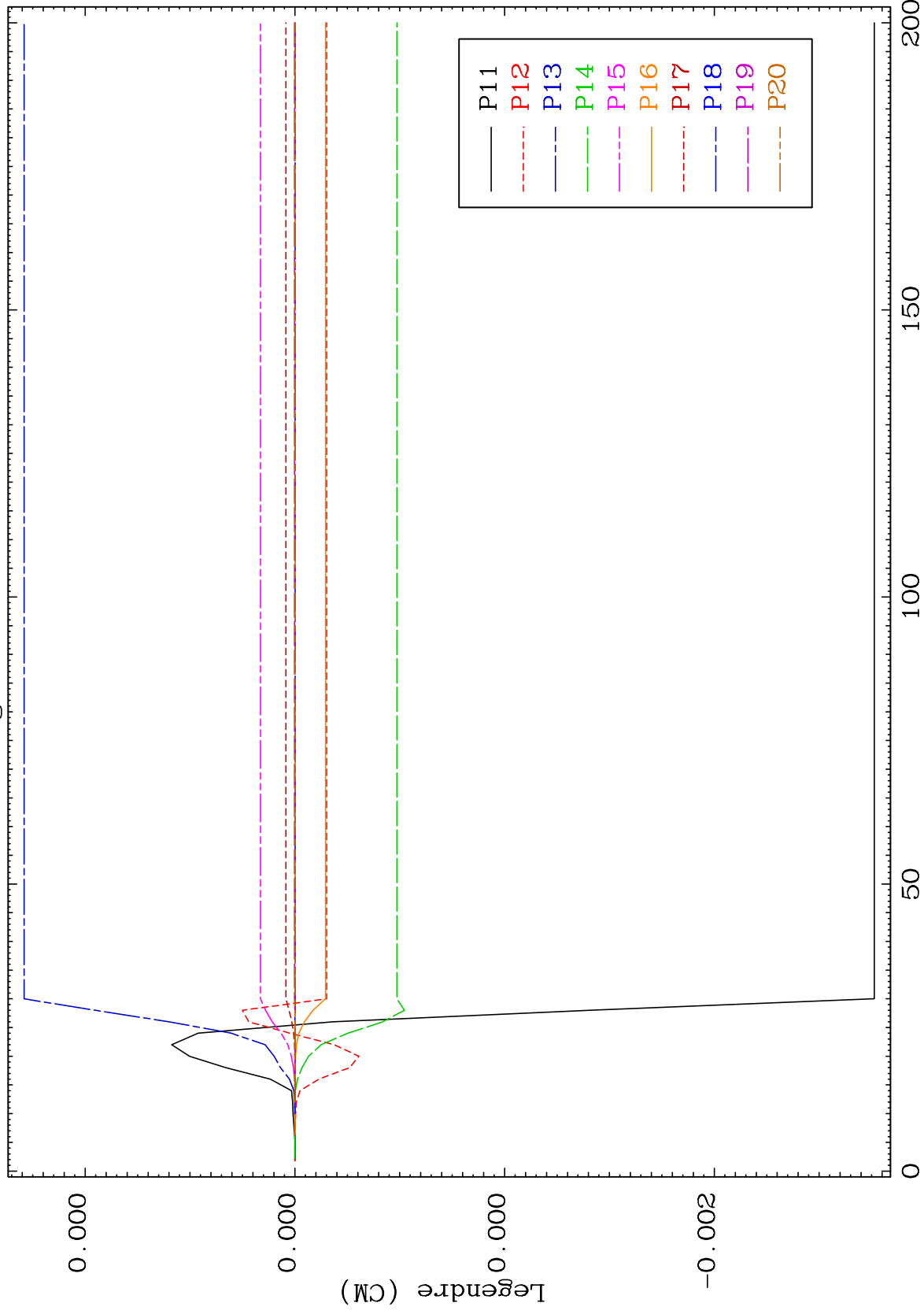
Incident Energy (MeV)

62-Sm-158

MAT 6267

1.766 MeV (n,n') Level
Legendre Coefficients

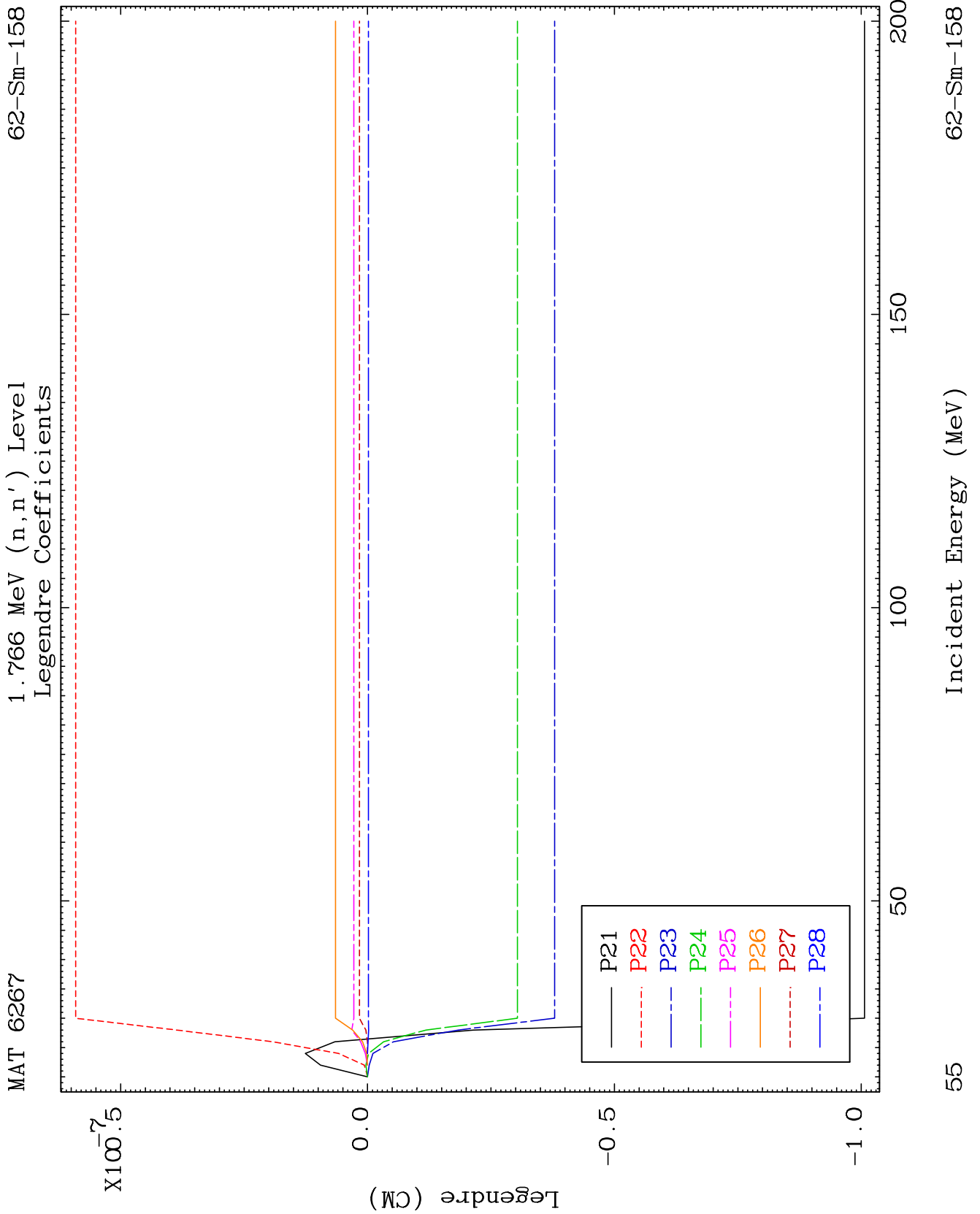
62-Sm-158



54

Incident Energy (MeV)

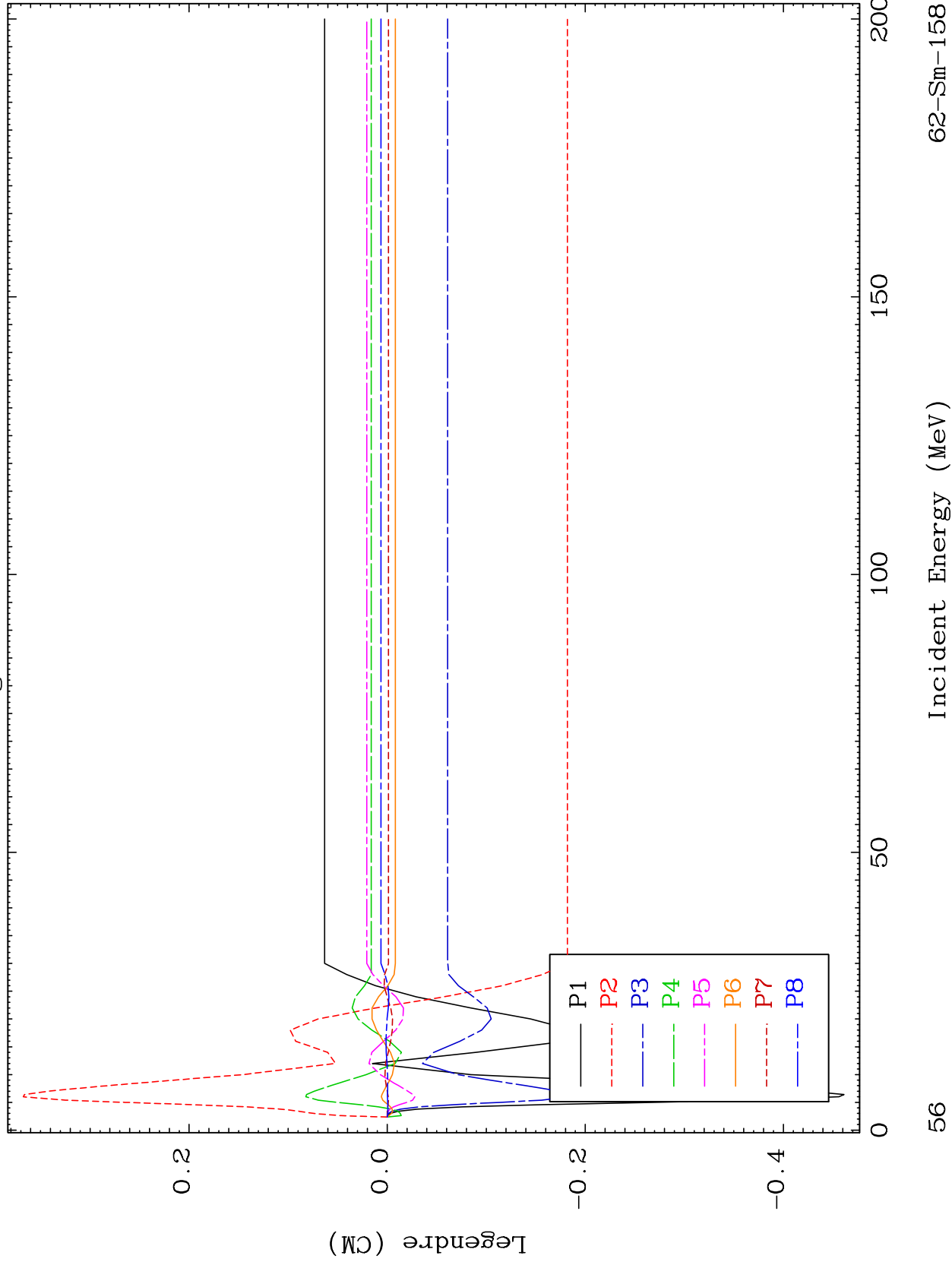
62-Sm-158



MAT 6267

2.335 MeV (n,n') Level
Legendre Coefficients

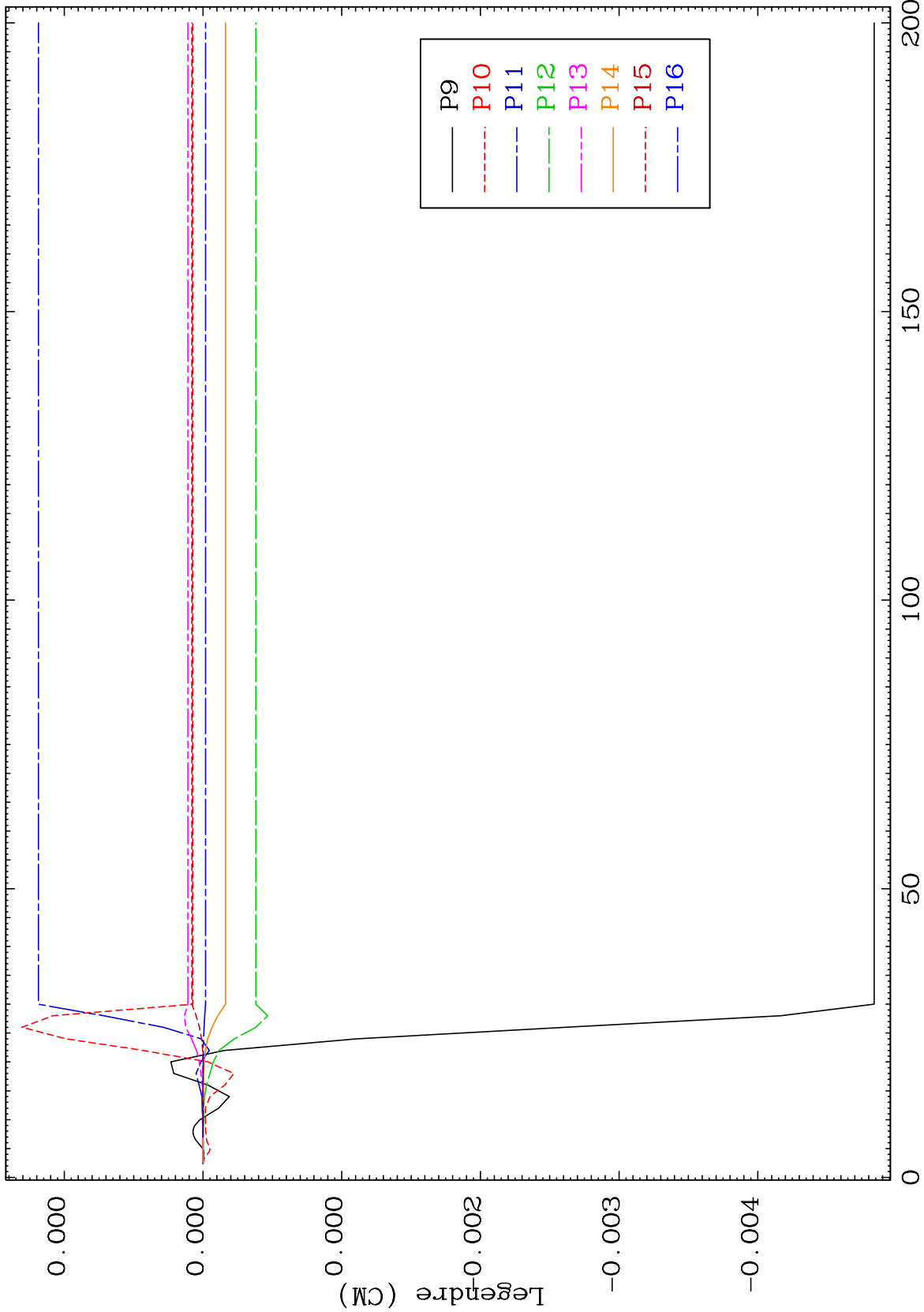
62-Sm-158



62-Sm-158

Incident Energy (MeV)

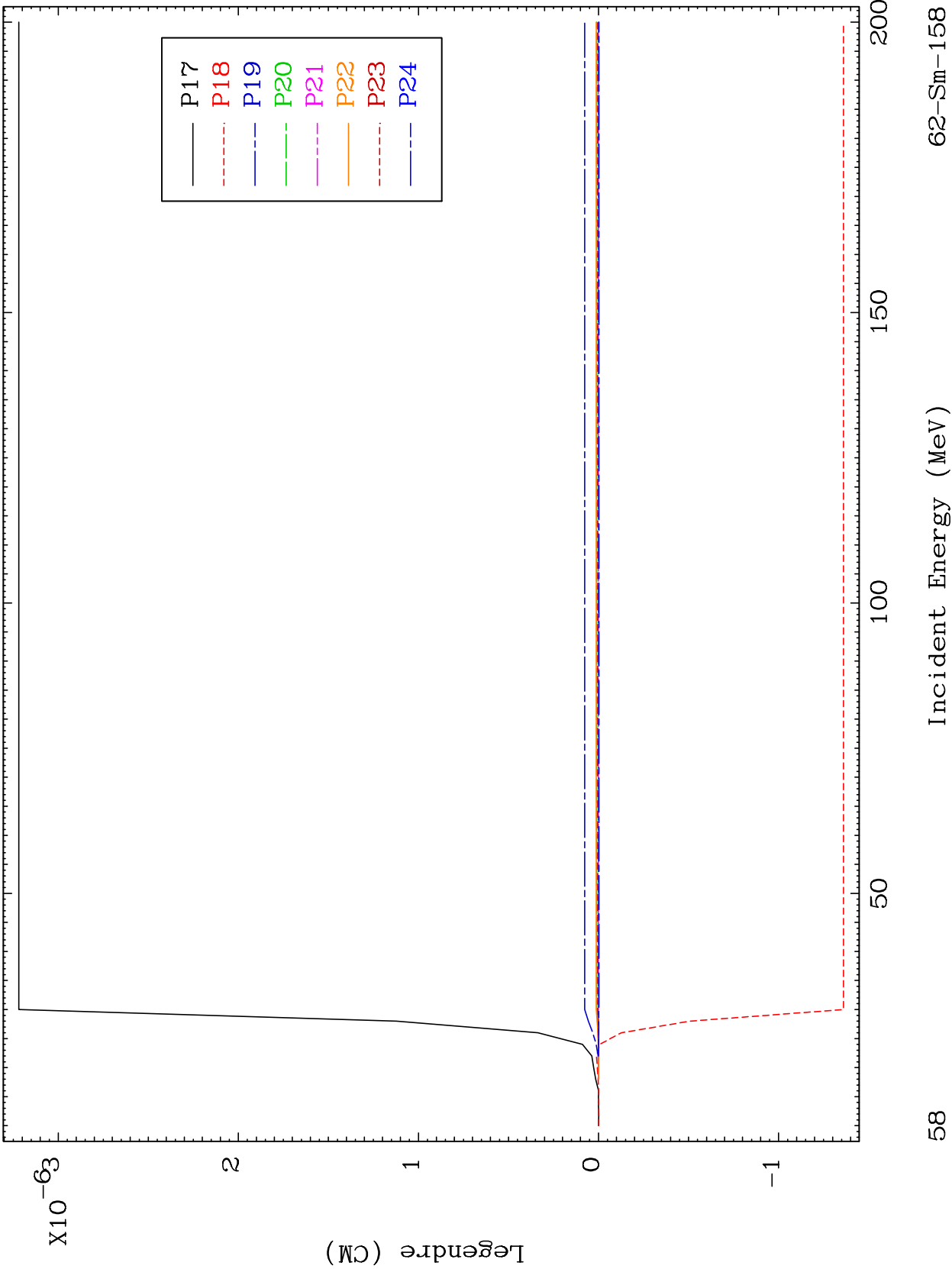
56



MAT 6267

2.335 MeV (n,n') Level
Legendre Coefficients

62-Sm-158



58

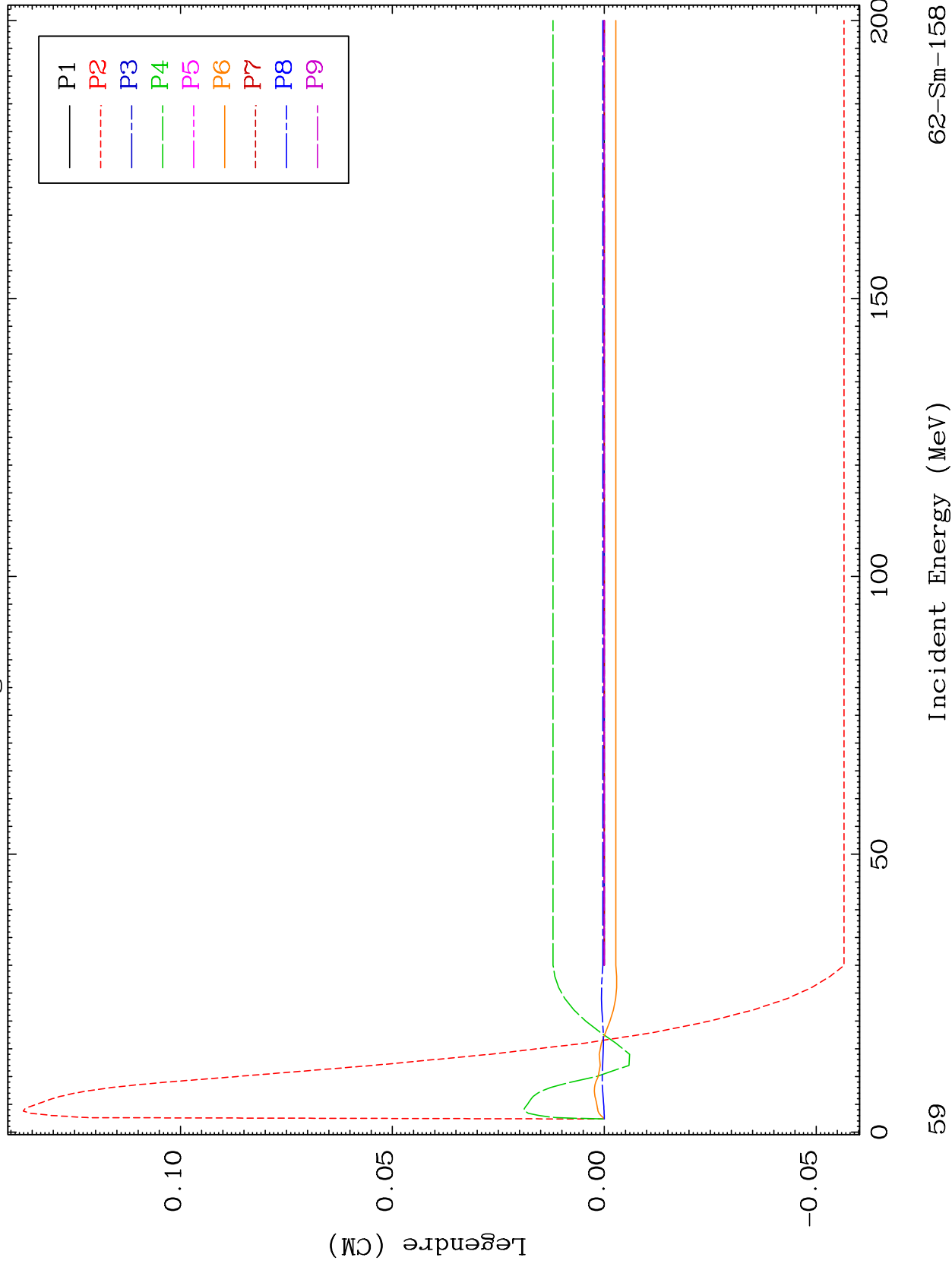
Incident Energy (MeV)

62-Sm-158

MAT 6267

2.336 MeV (n,n') Level
Legendre Coefficients

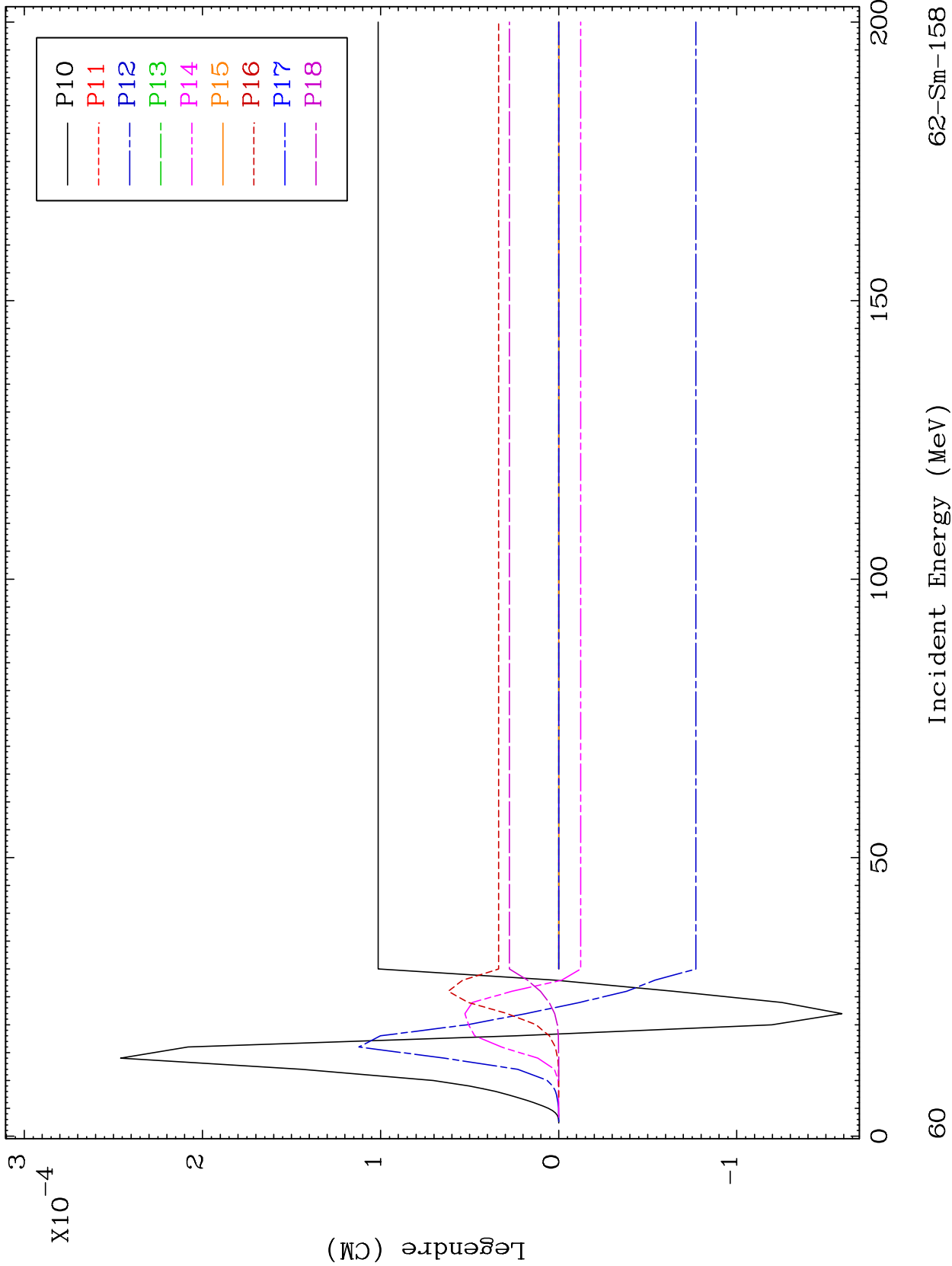
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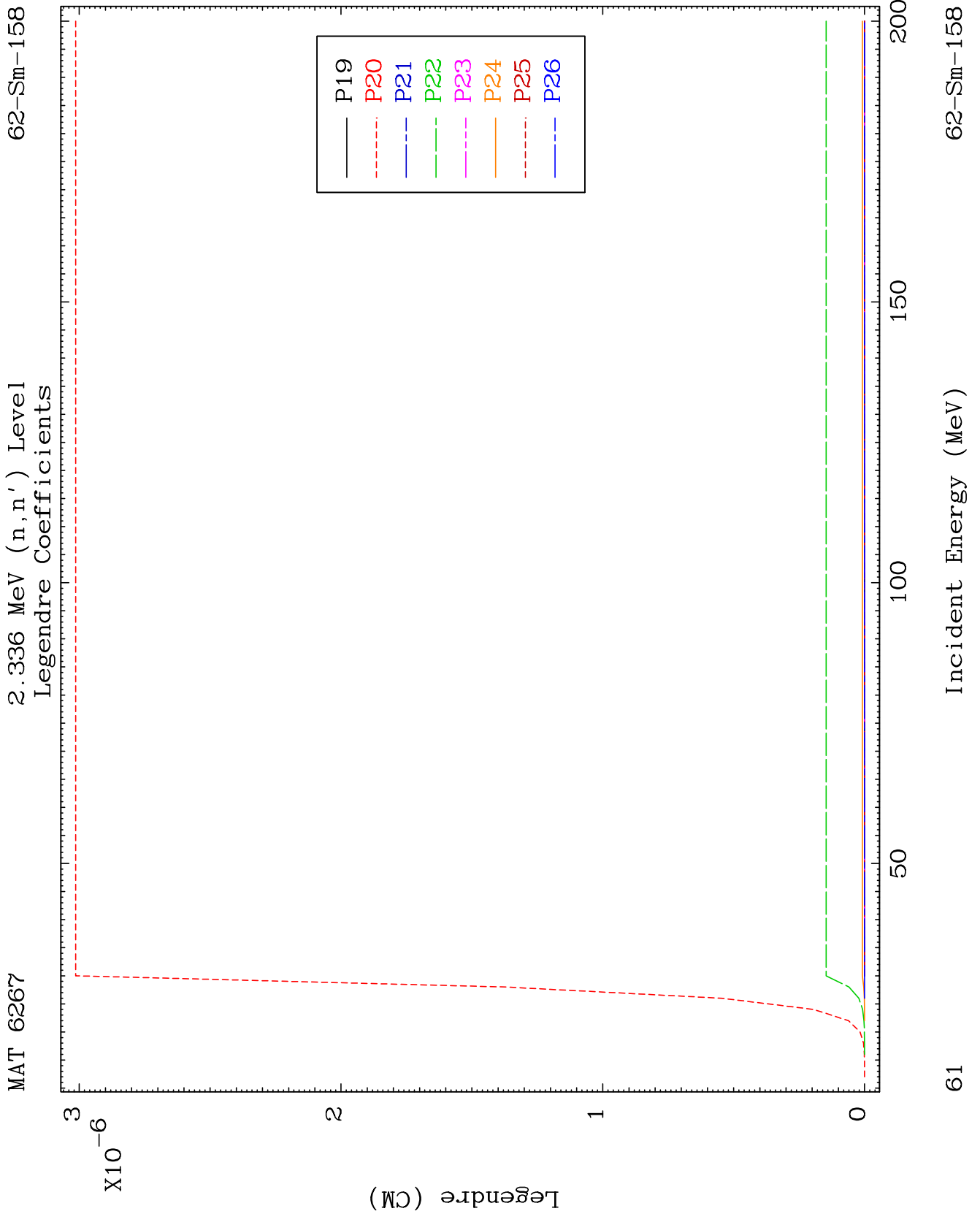


MAT 6267

2.336 MeV (n,n') Level
Legendre Coefficients

62-Sm-158

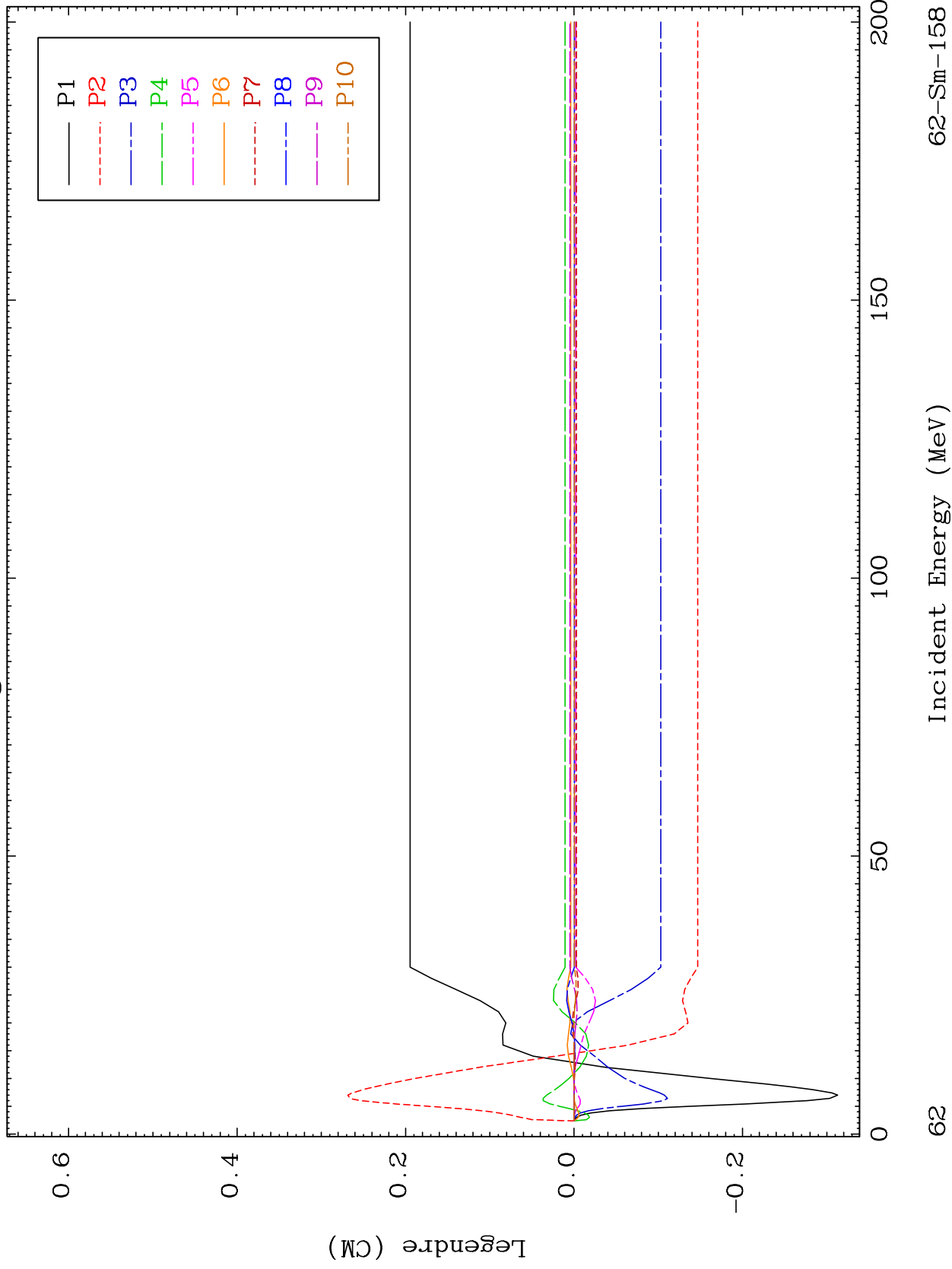




MAT 6267

2.338 MeV (n,n') Level
Legendre Coefficients

62-Sm-158



62-Sm-158

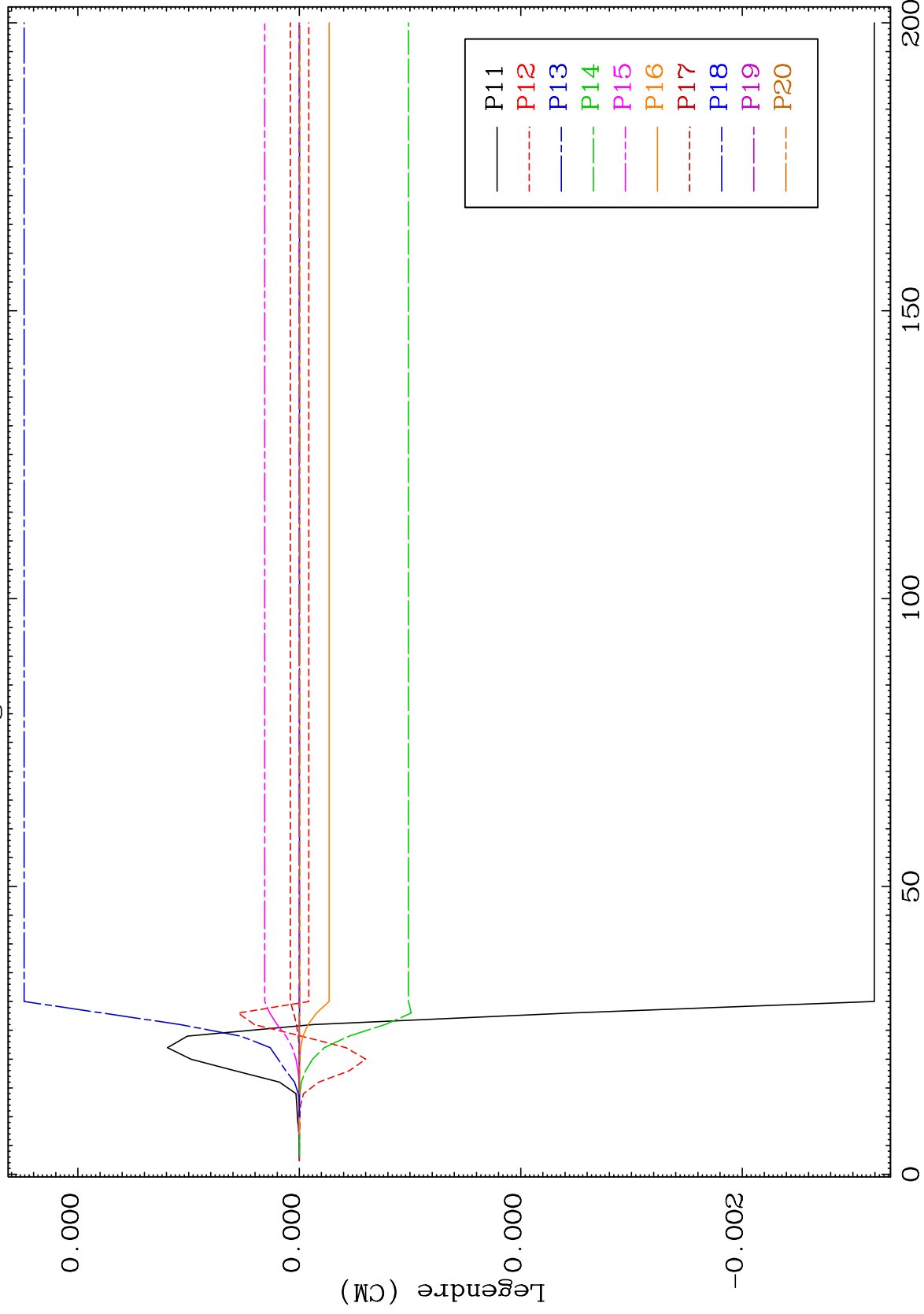
Incident Energy (MeV)

62

MAT 6267

2.338 MeV (n,n') Level
Legendre Coefficients

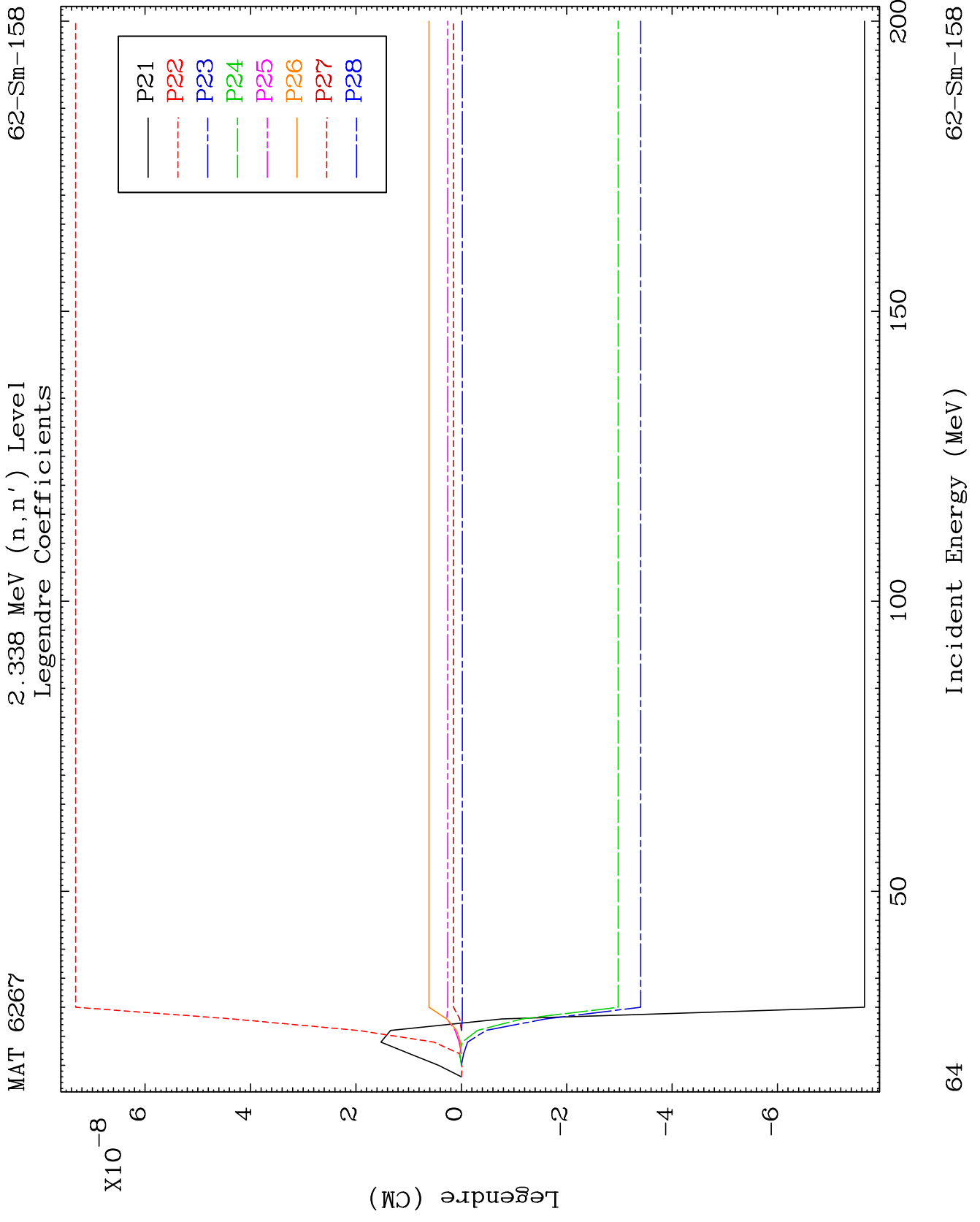
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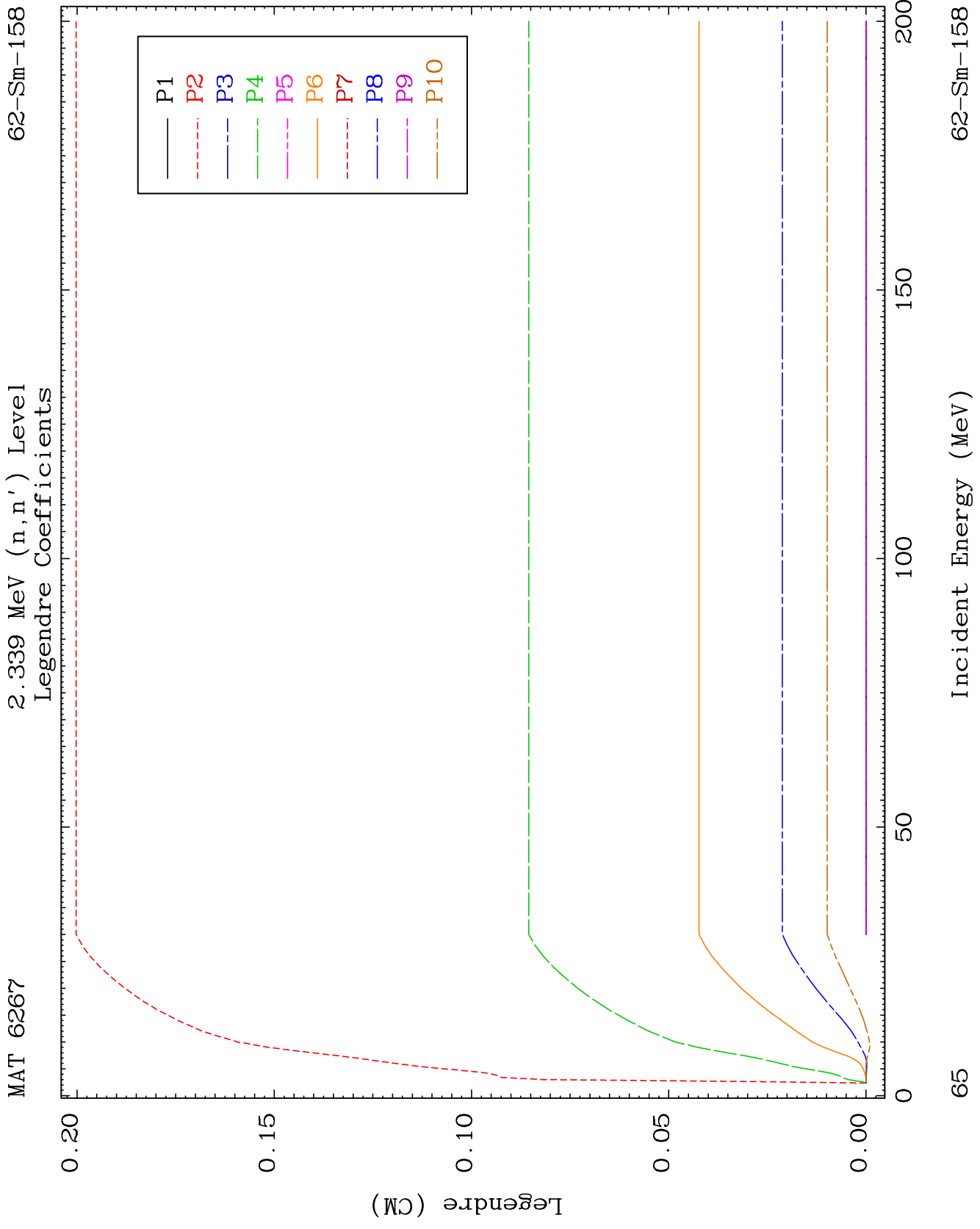


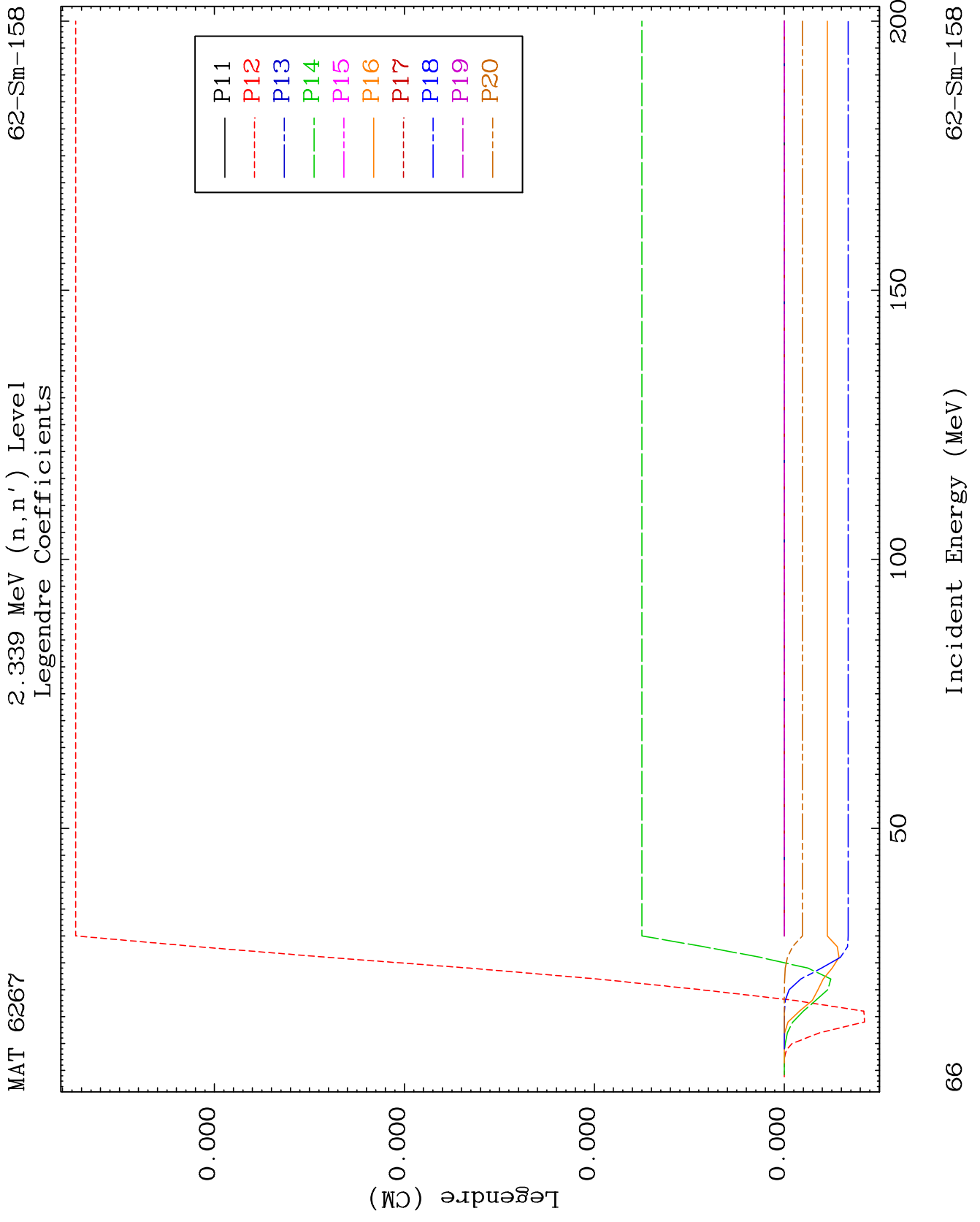
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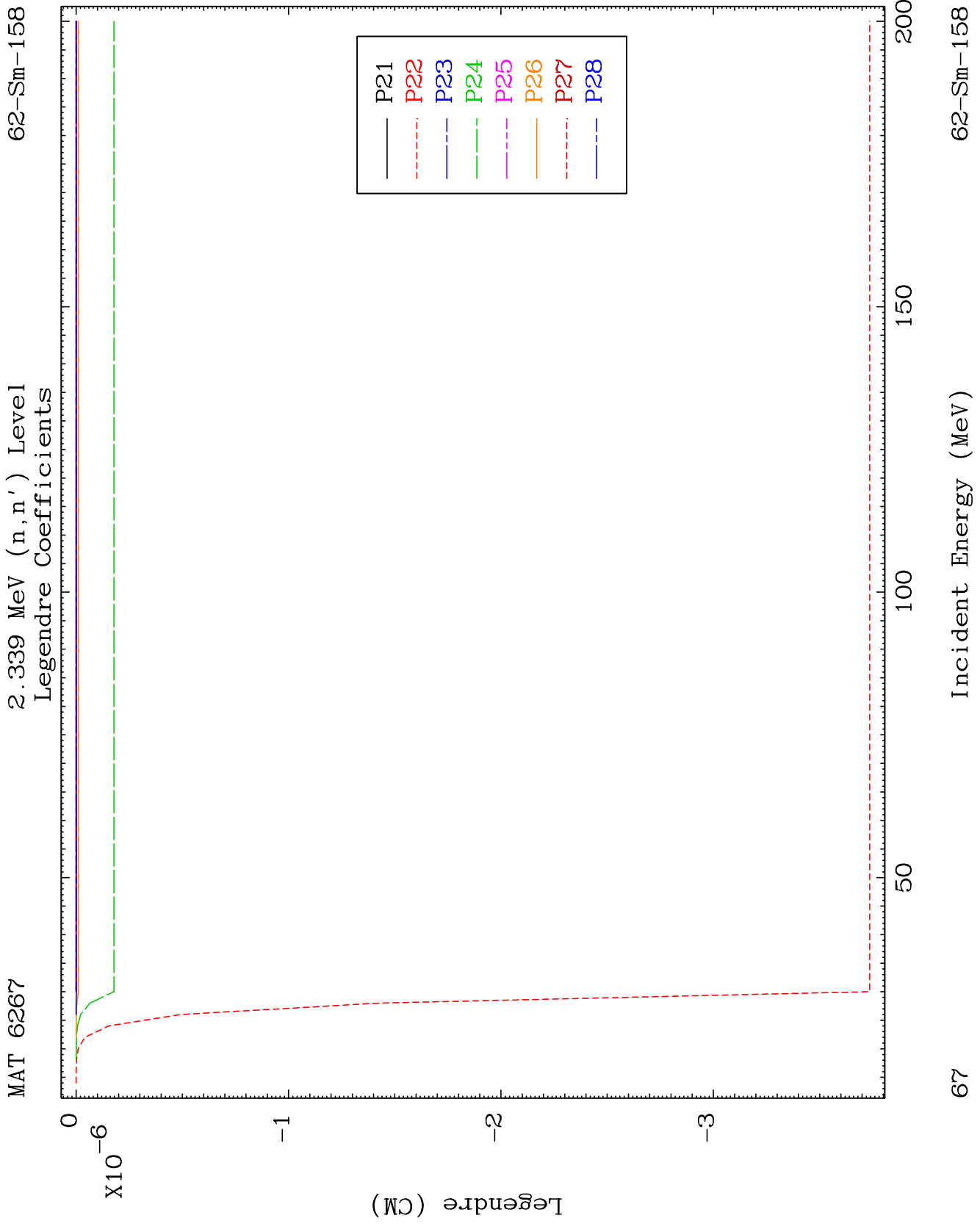
Incident Energy (MeV)

62-Sm-158





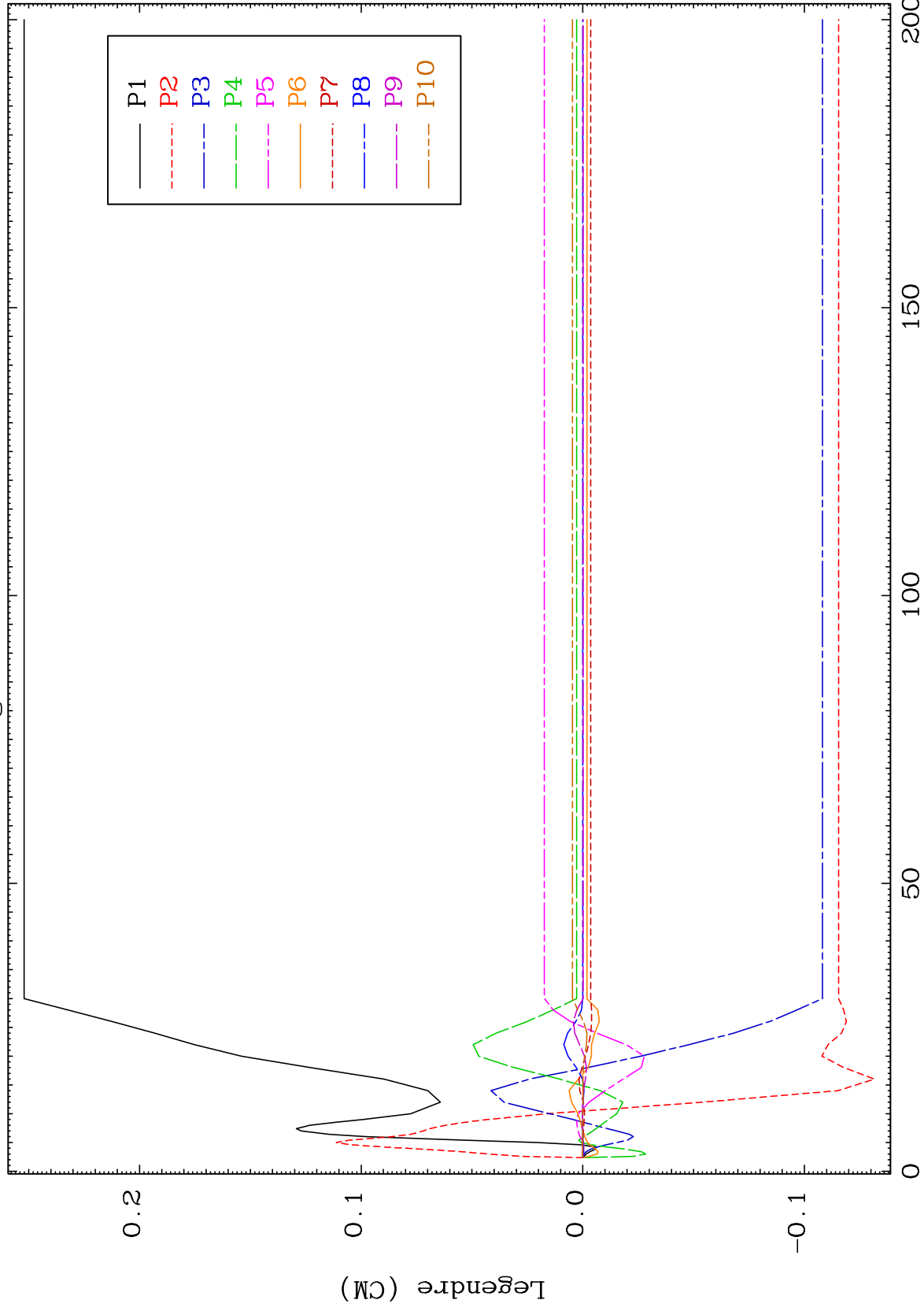




MAT 6267

2.341 MeV (n,n') Level
Legendre Coefficients

62-Sm-158



68

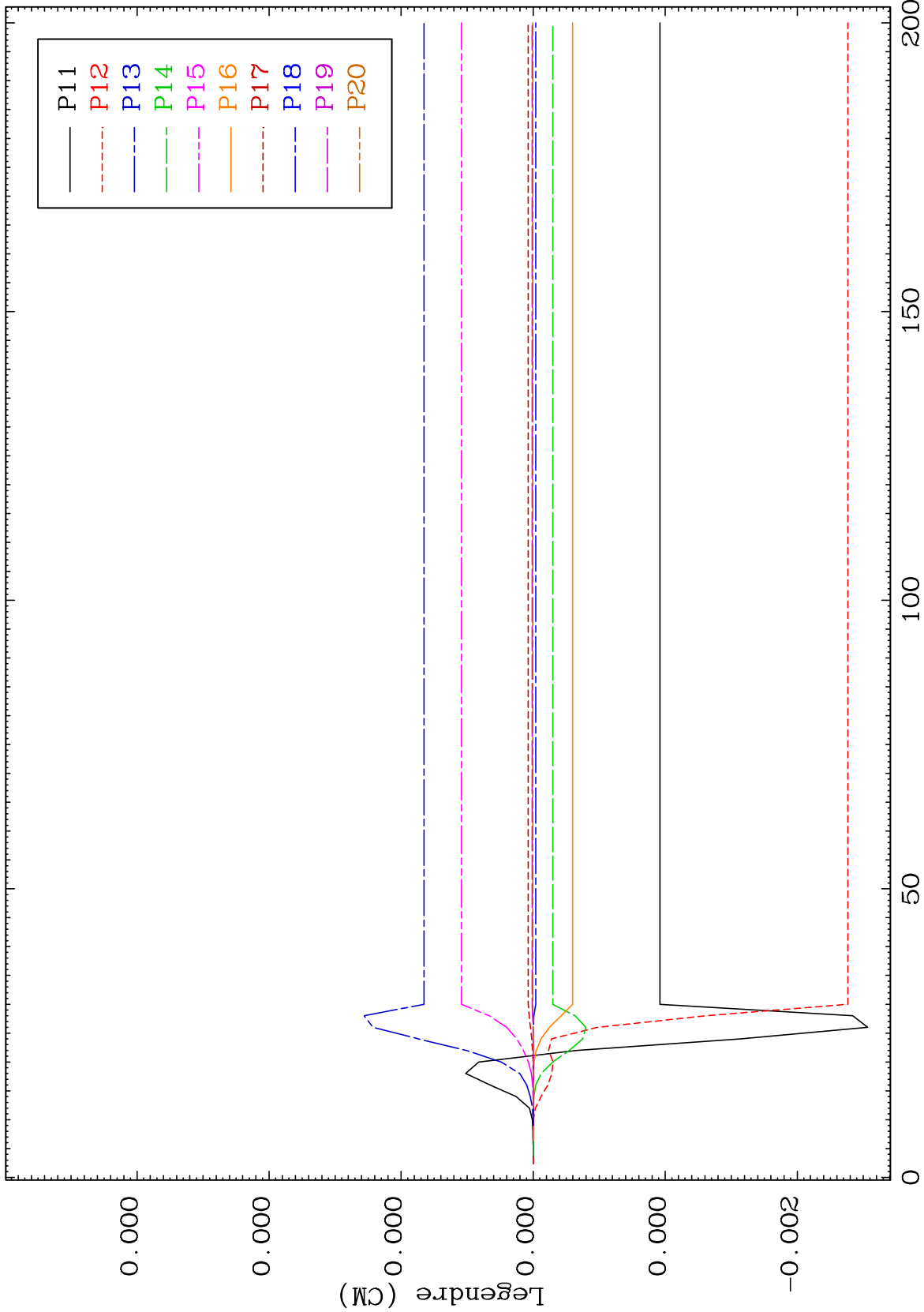
Incident Energy (MeV)

62-Sm-158

MAT 6267

2.341 MeV (n,n') Level
Legendre Coefficients

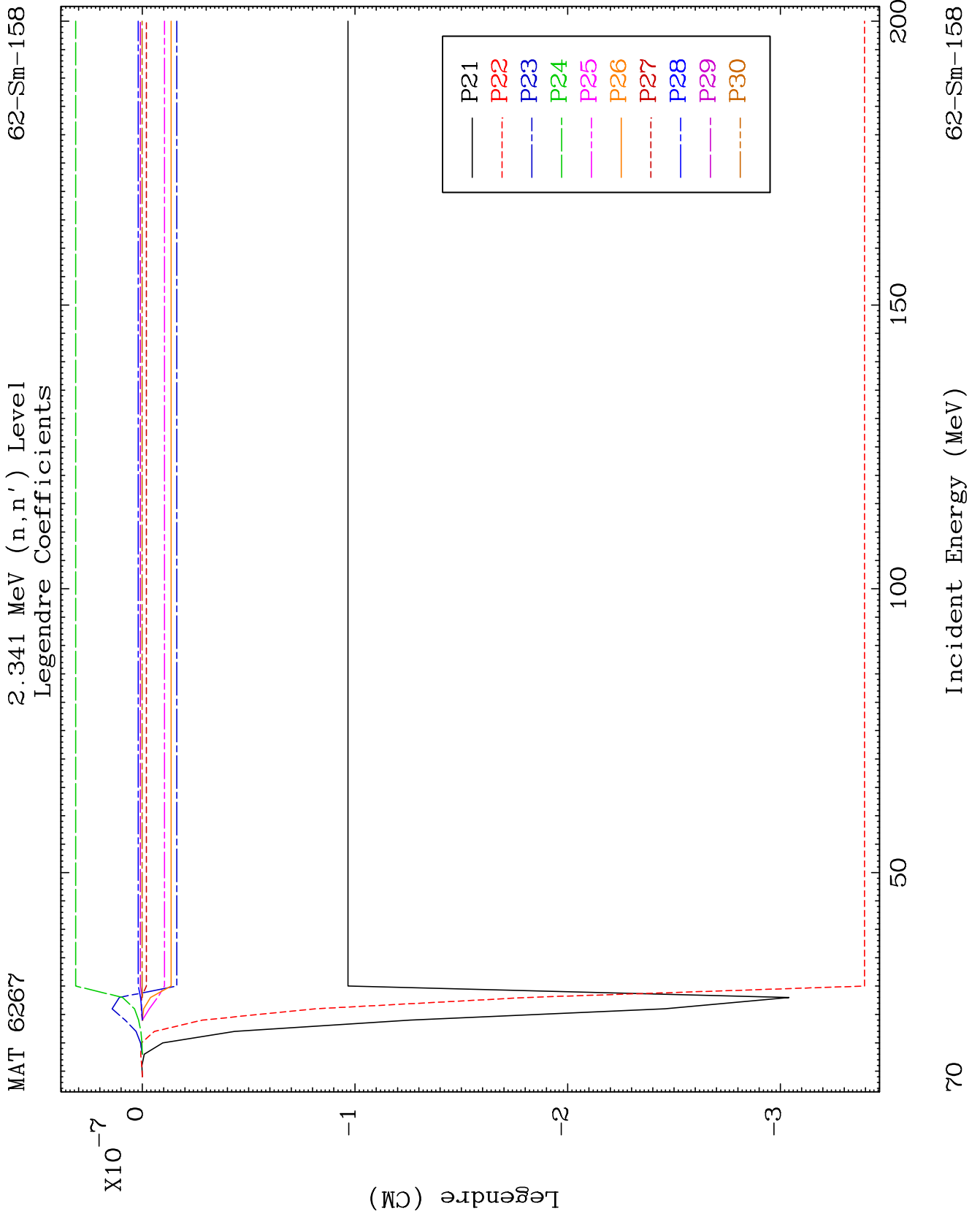
62-Sm-158

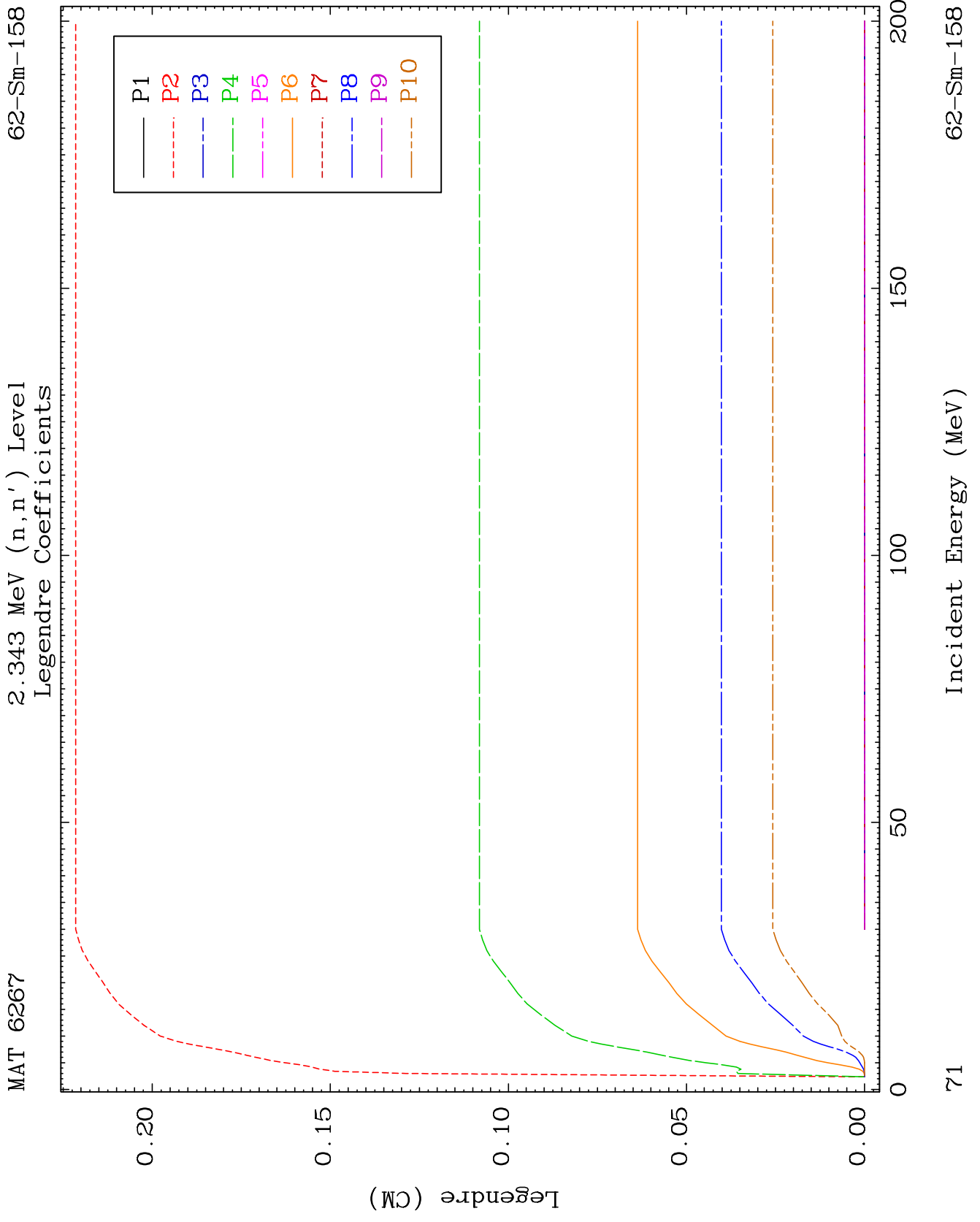


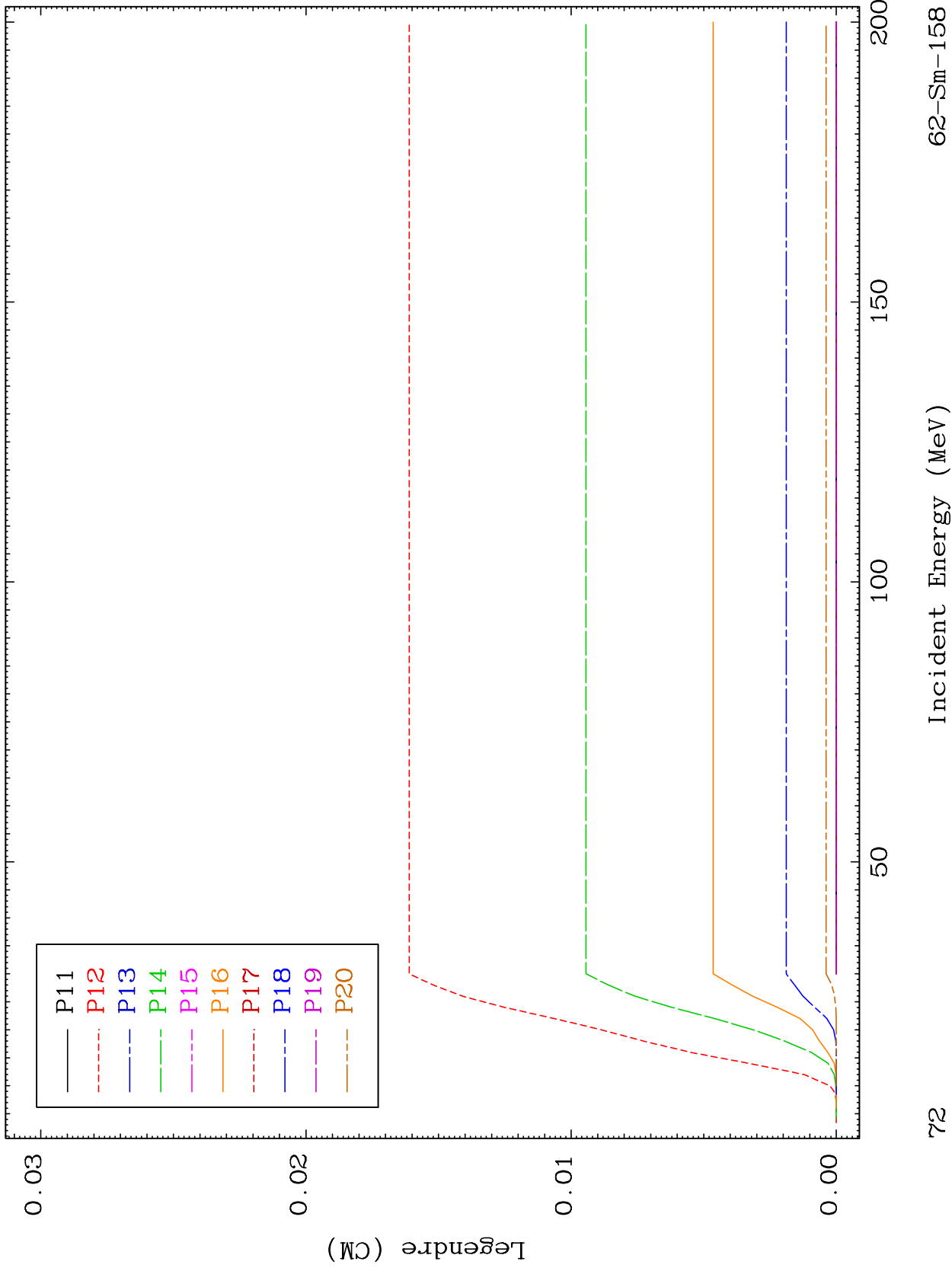
69

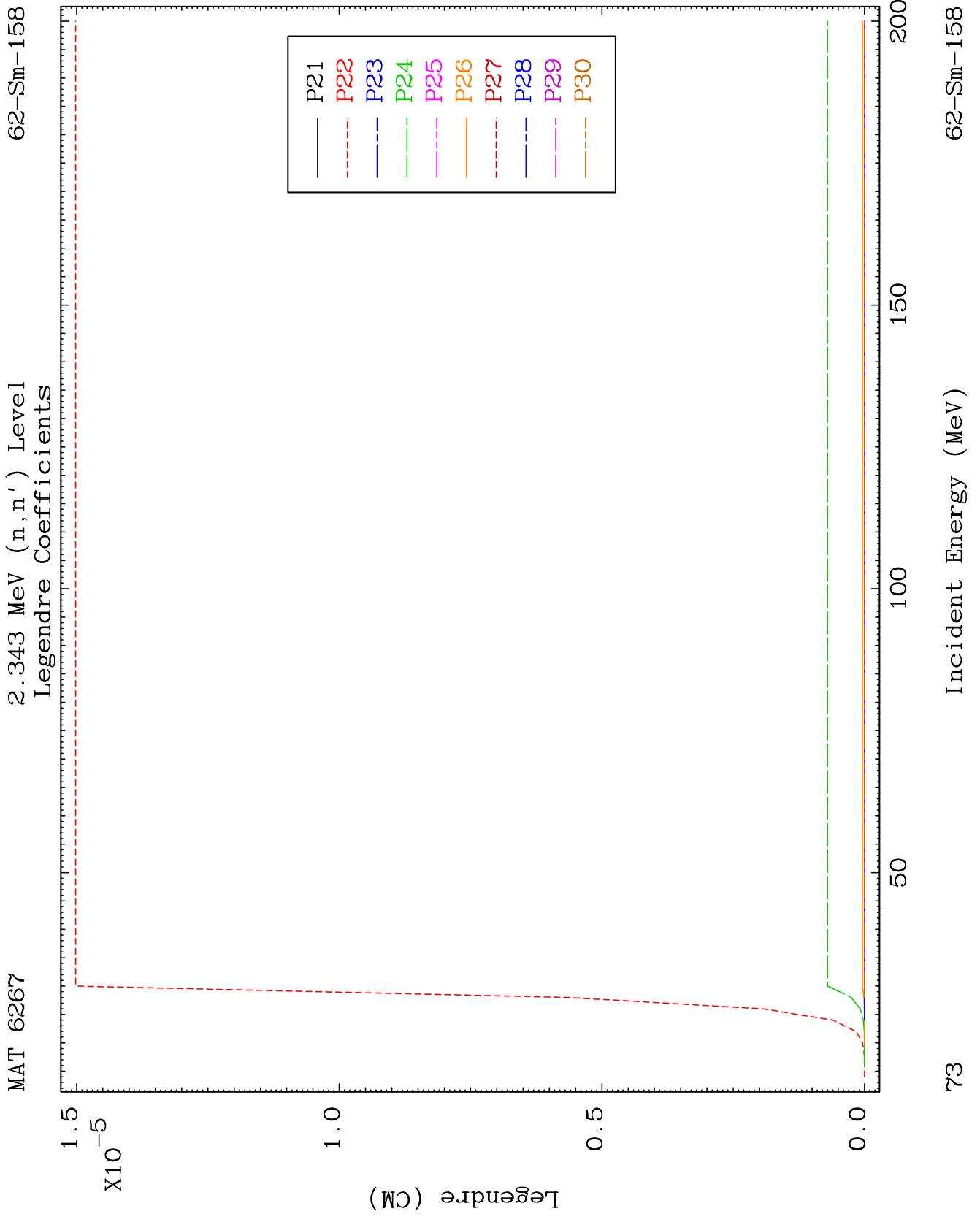
Incident Energy (MeV)

62-Sm-158





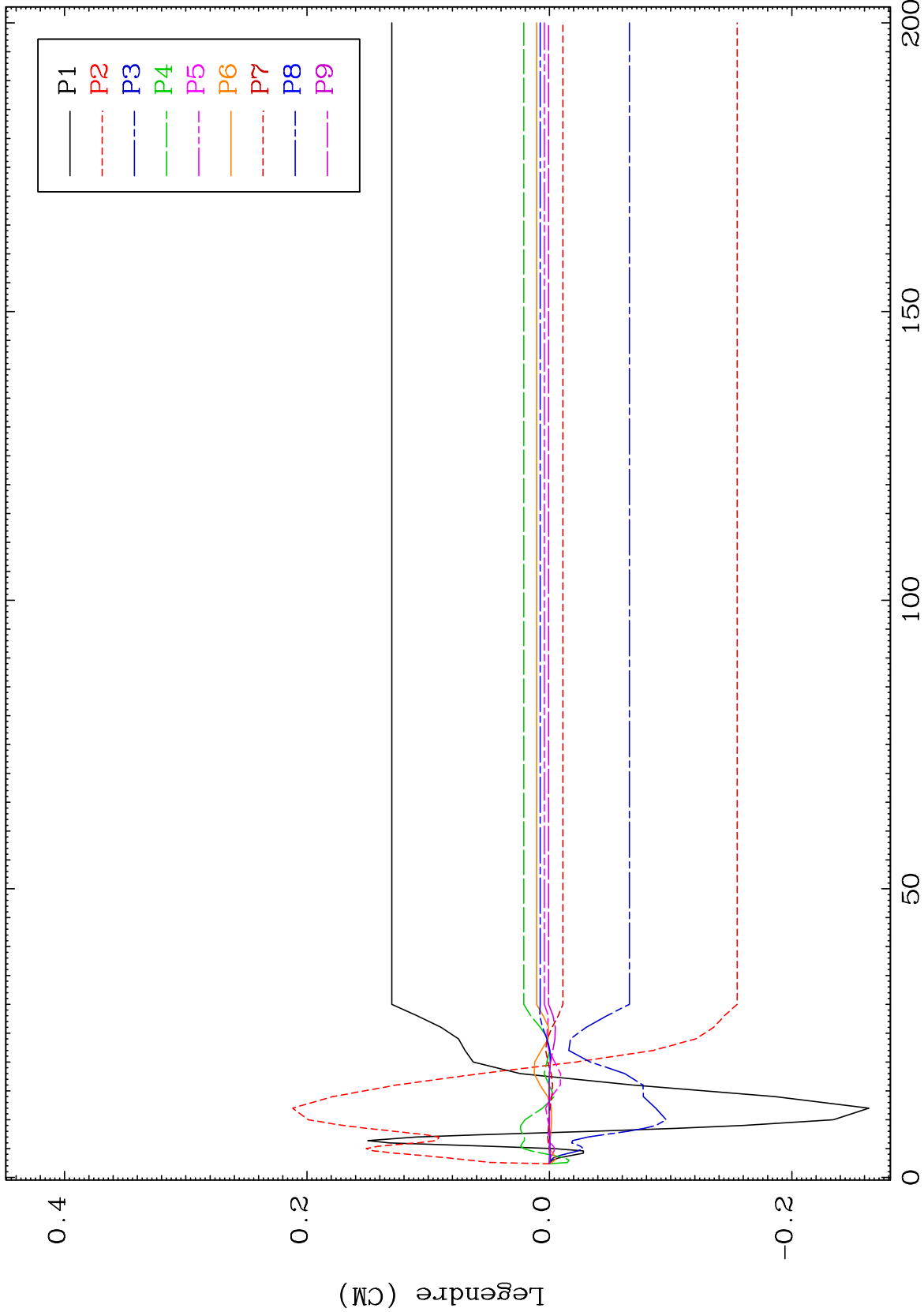




MAT 6267

2.344 MeV (n,n') Level
Legendre Coefficients

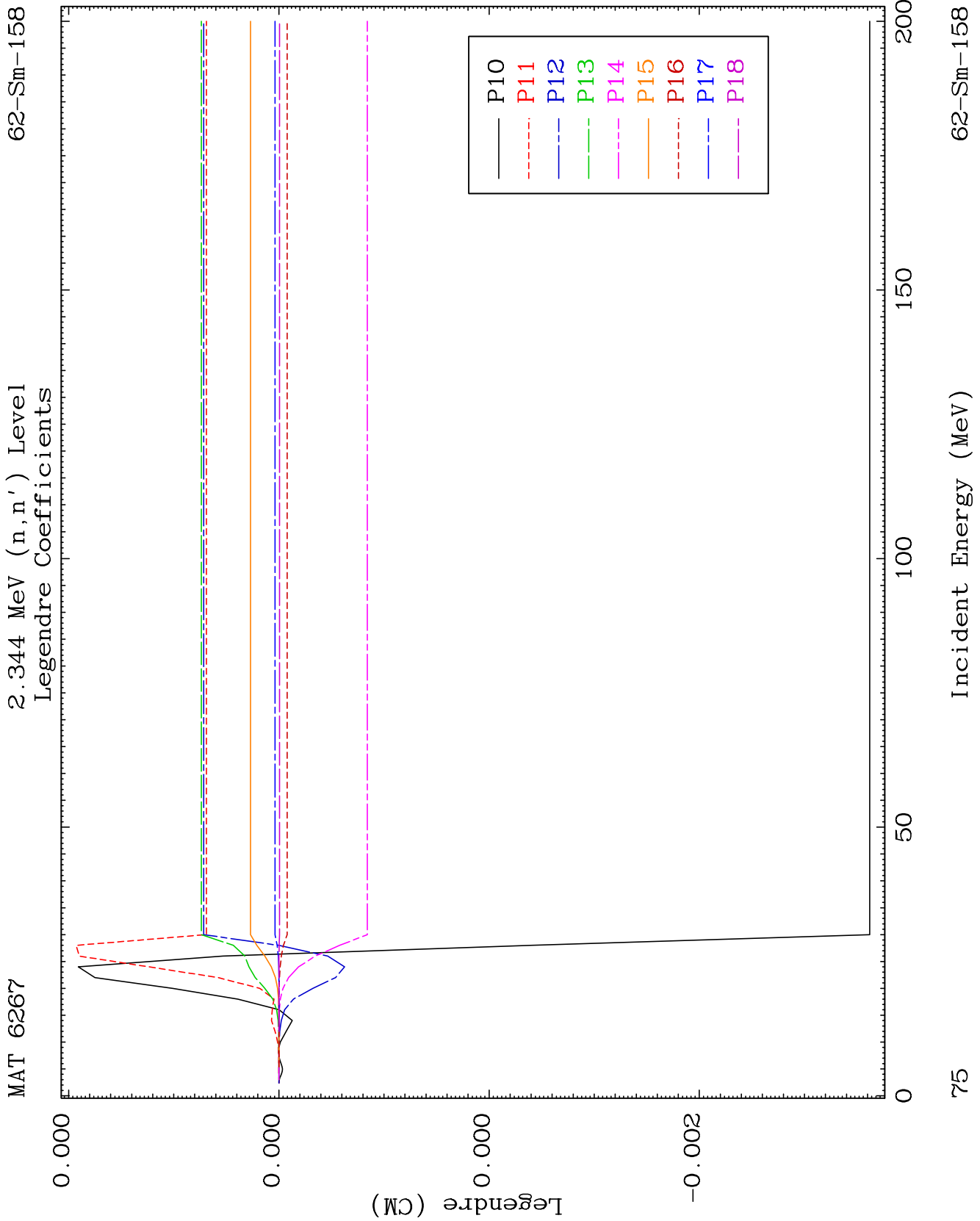
62-Sm-158

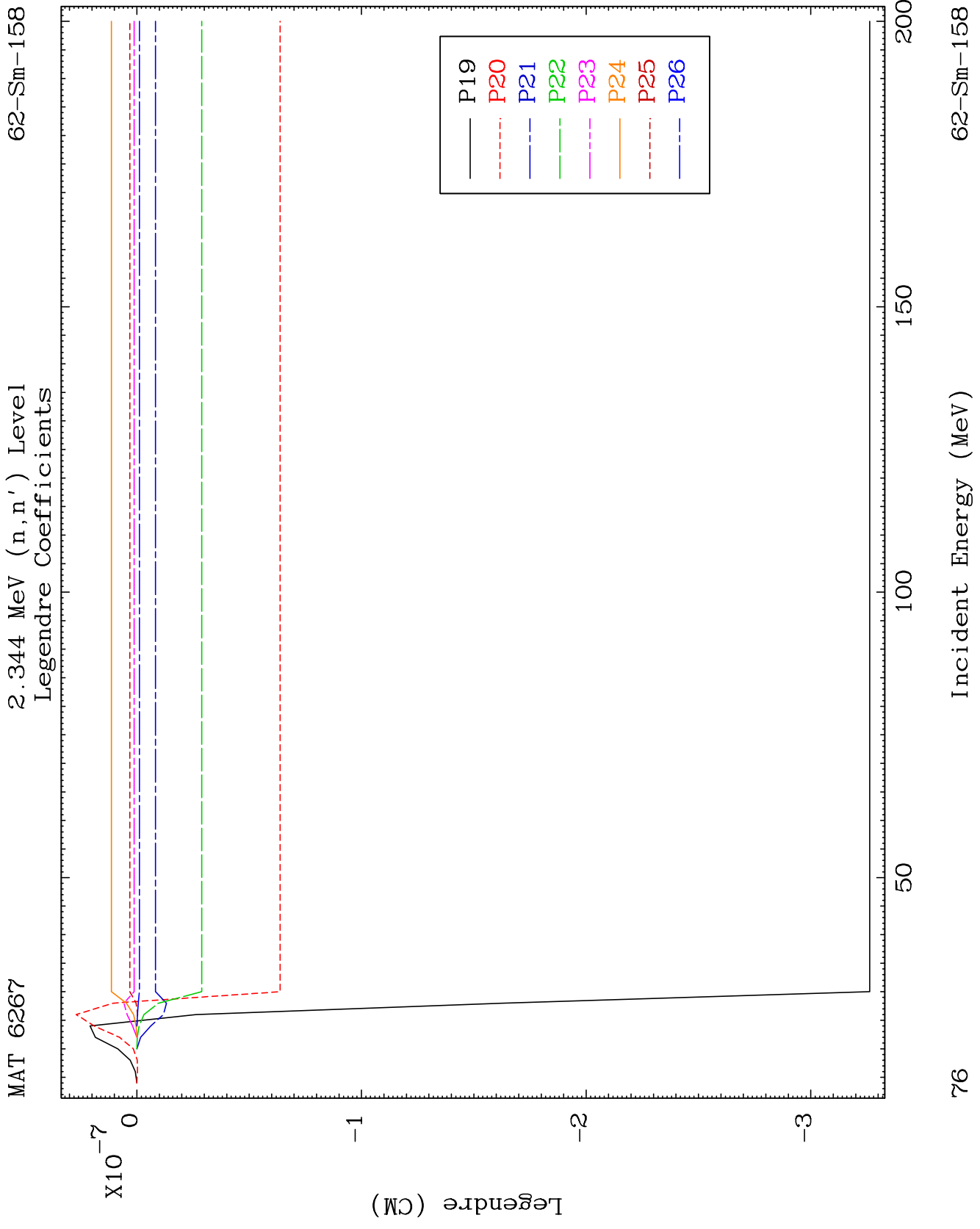


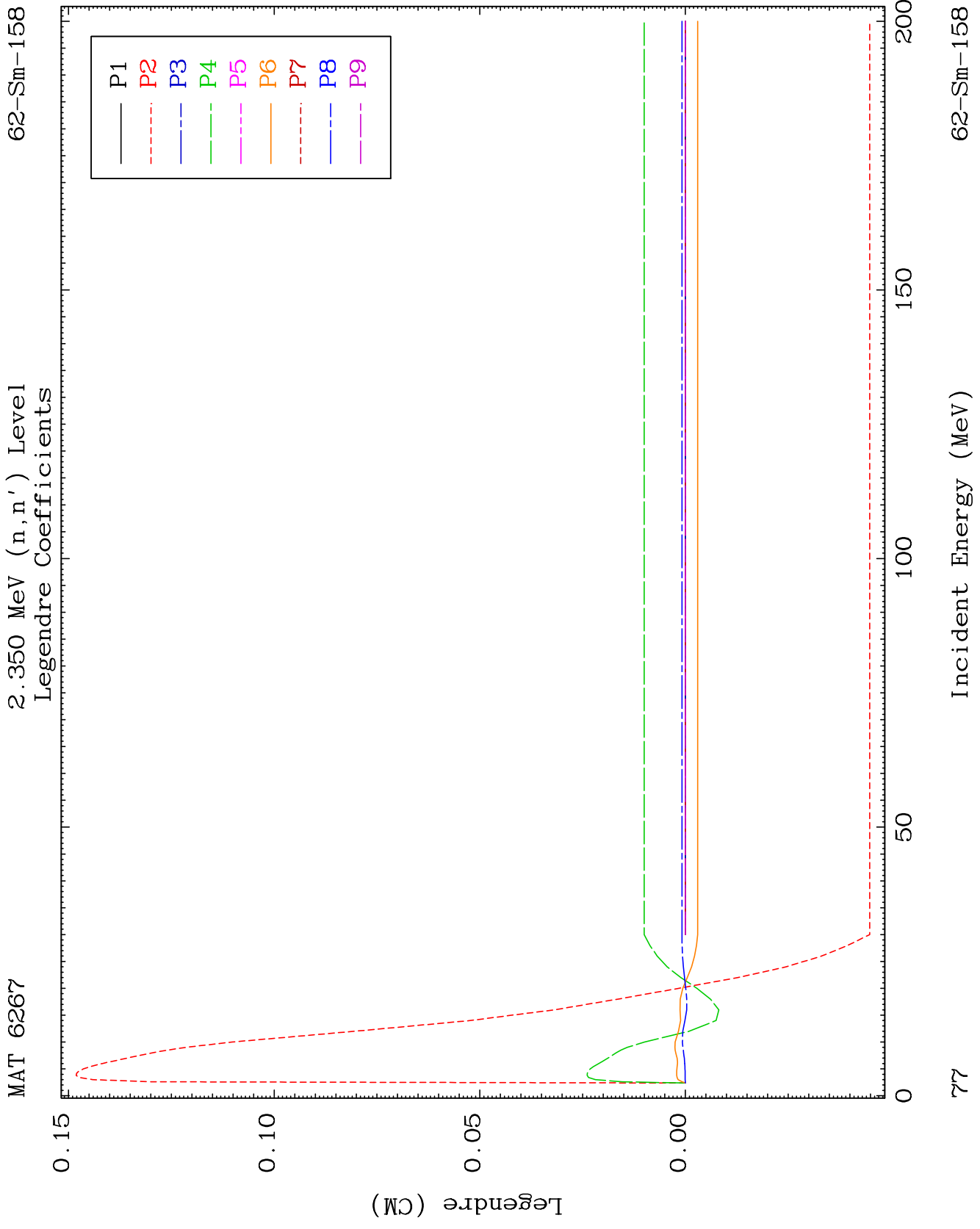
74

Incident Energy (MeV)

62-Sm-158



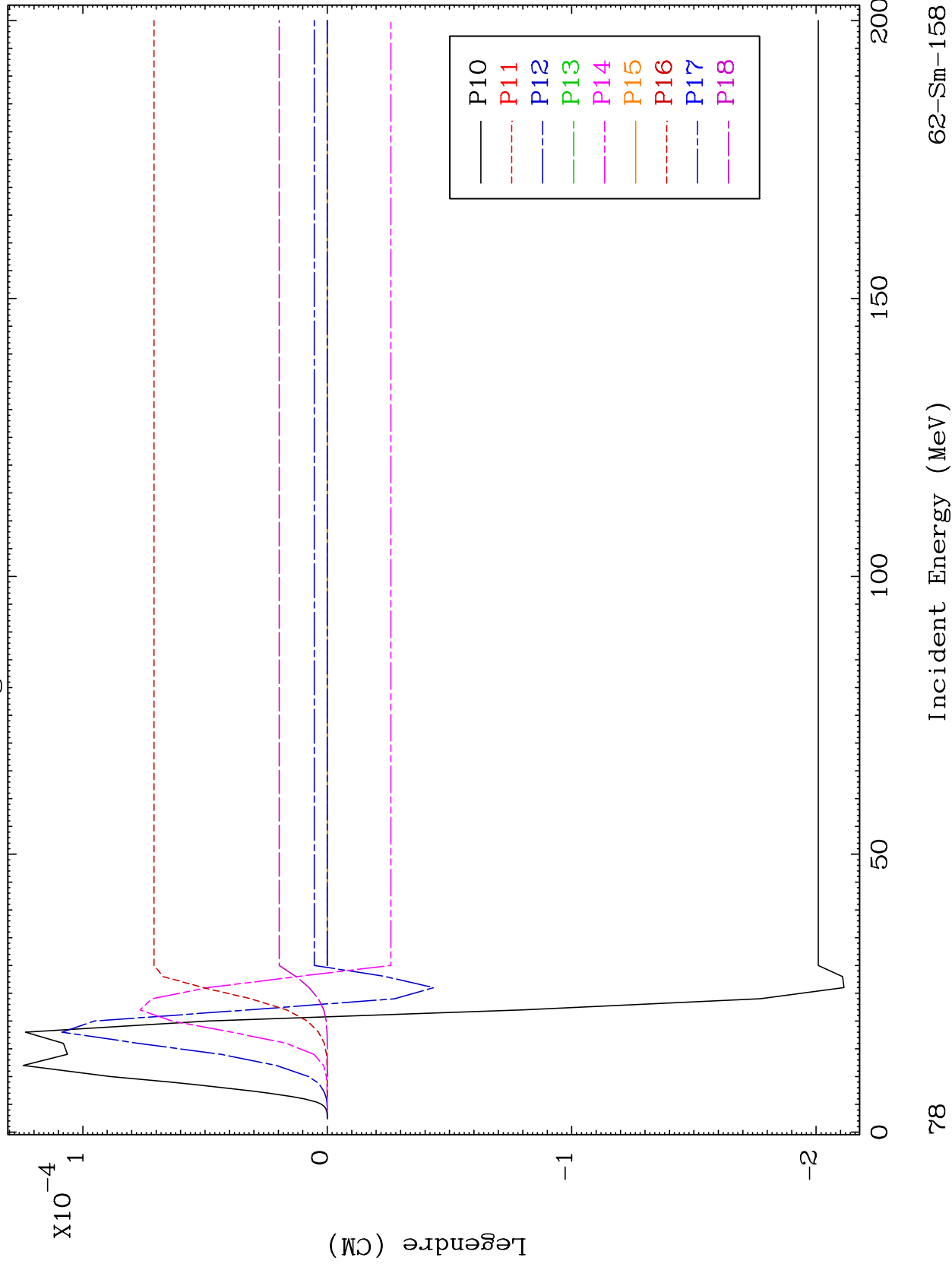




MAT 6267

2.350 MeV (n,n') Level
Legendre Coefficients

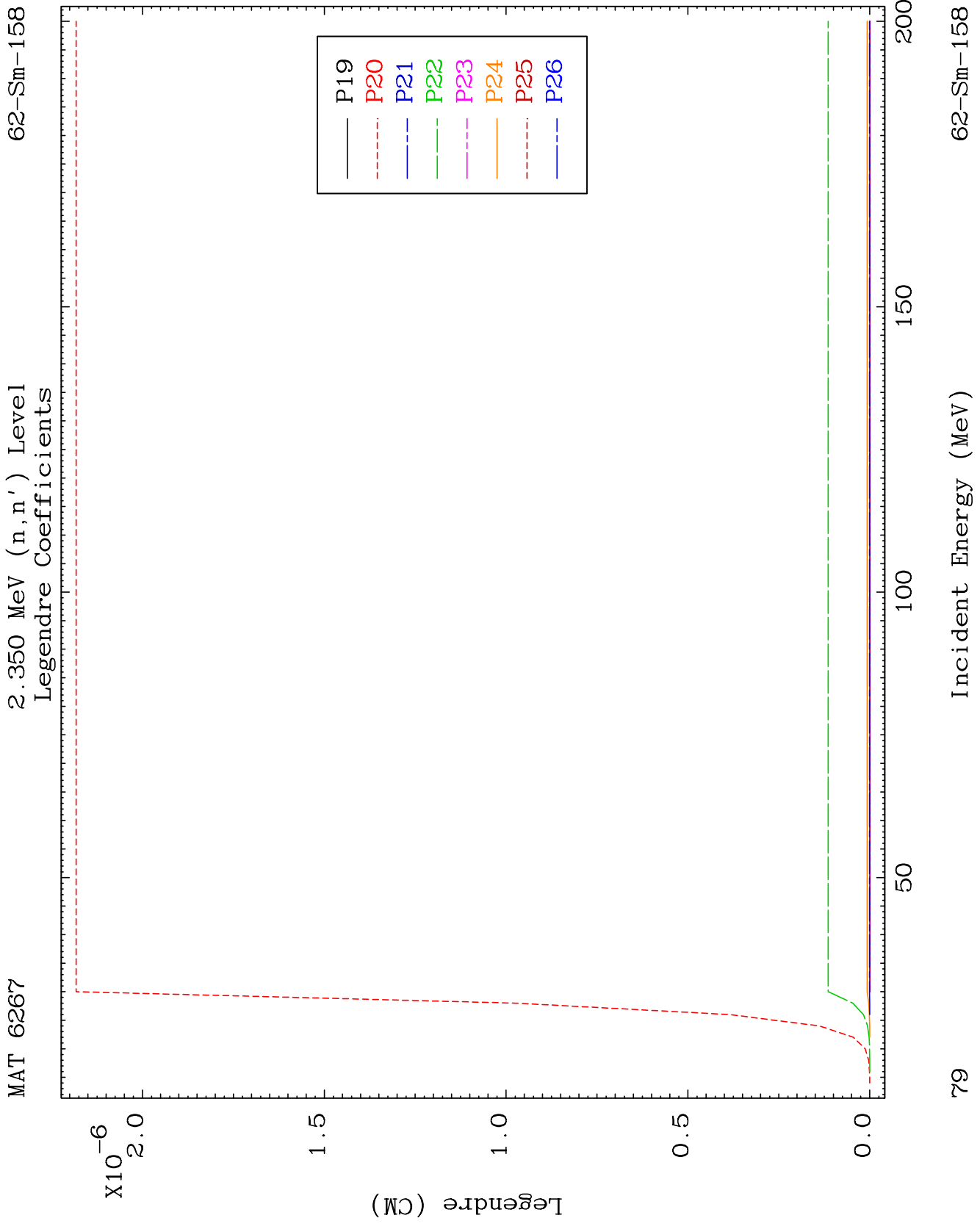
62-Sm-158



78

Incident Energy (MeV)

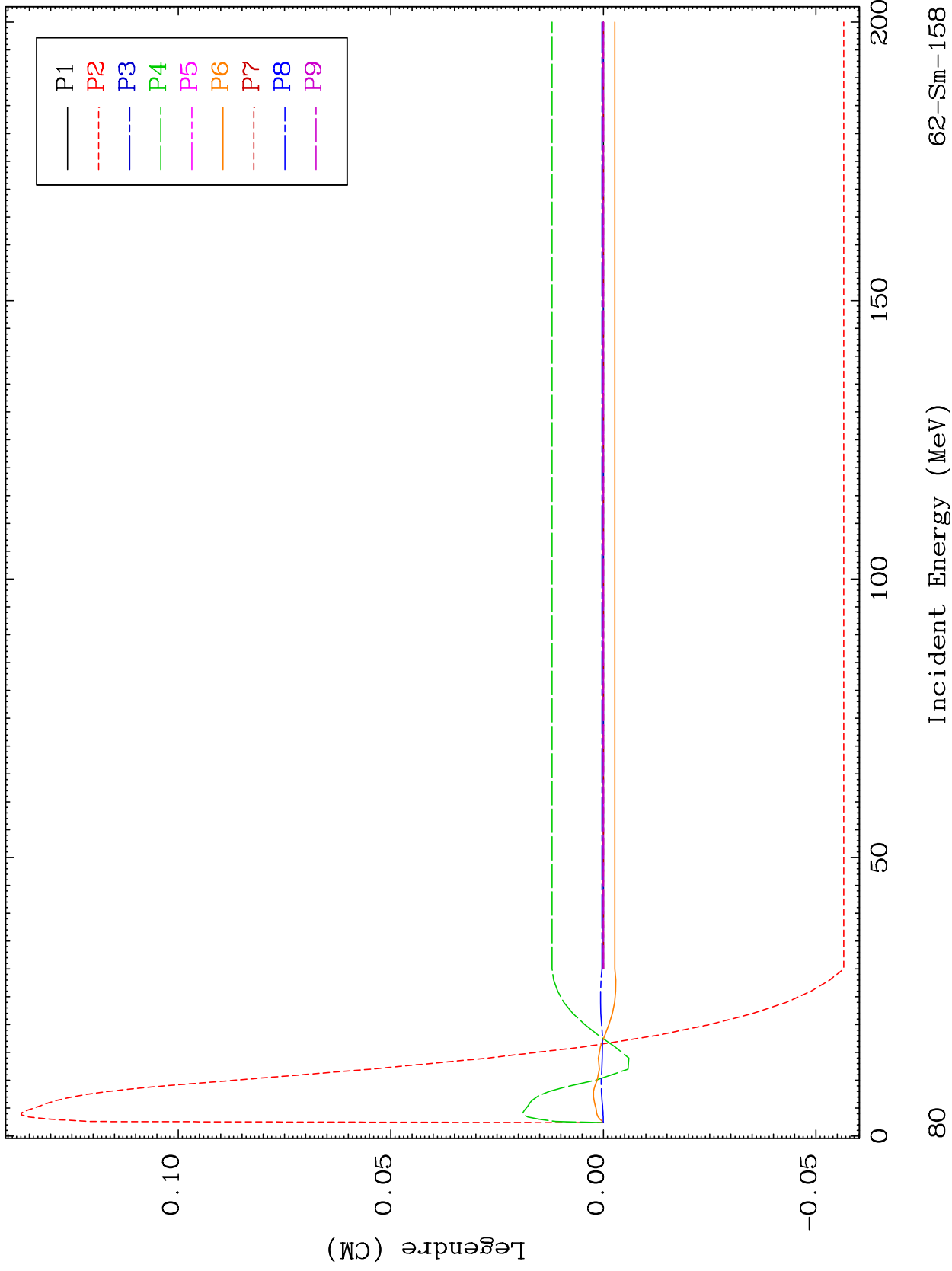
62-Sm-158



MAT 6267

2.365 MeV (n,n') Level
Legendre Coefficients

62-Sm-158

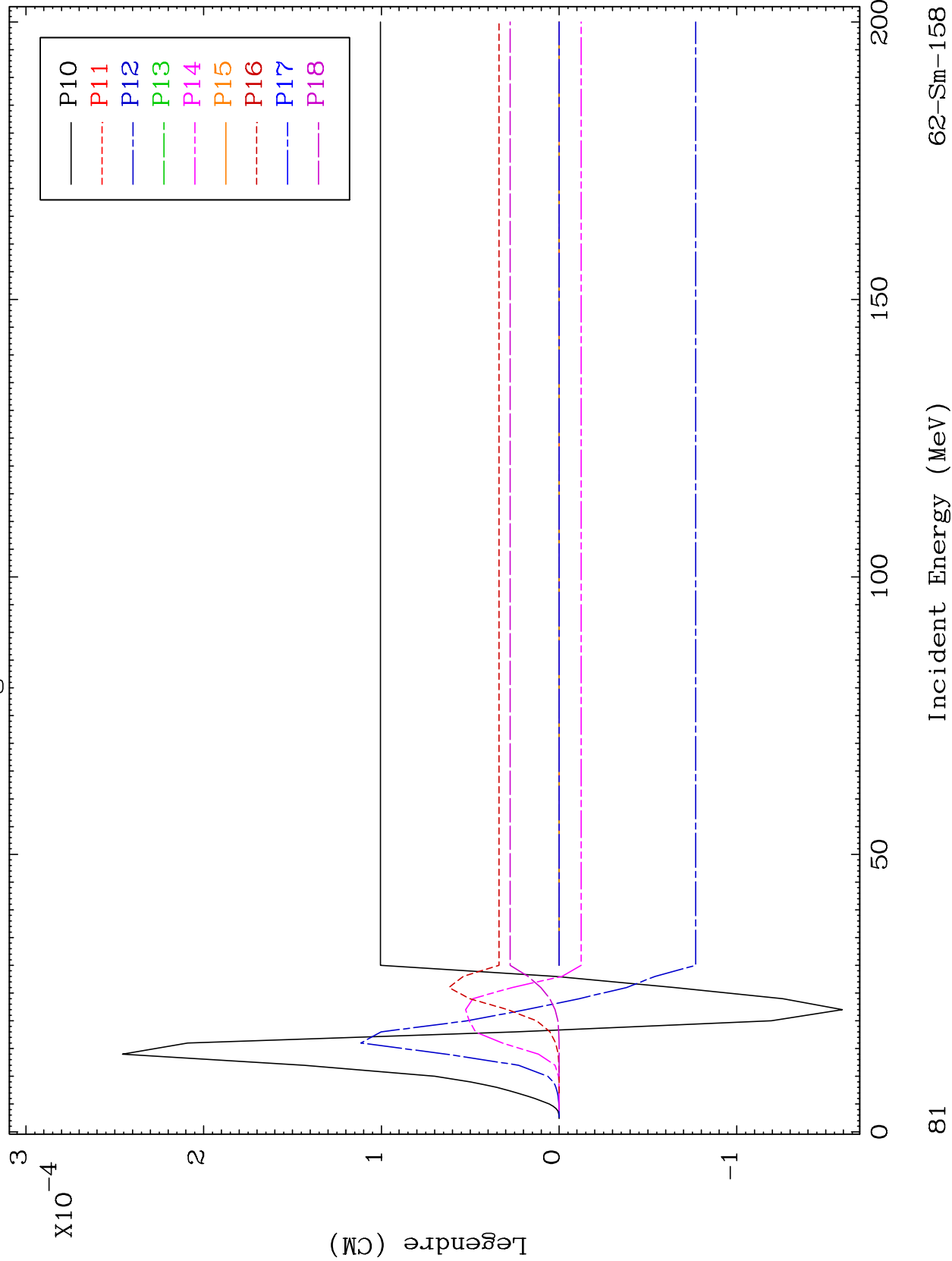


62-Sm-158

MAT 6267

2.365 MeV (n,n') Level
Legendre Coefficients

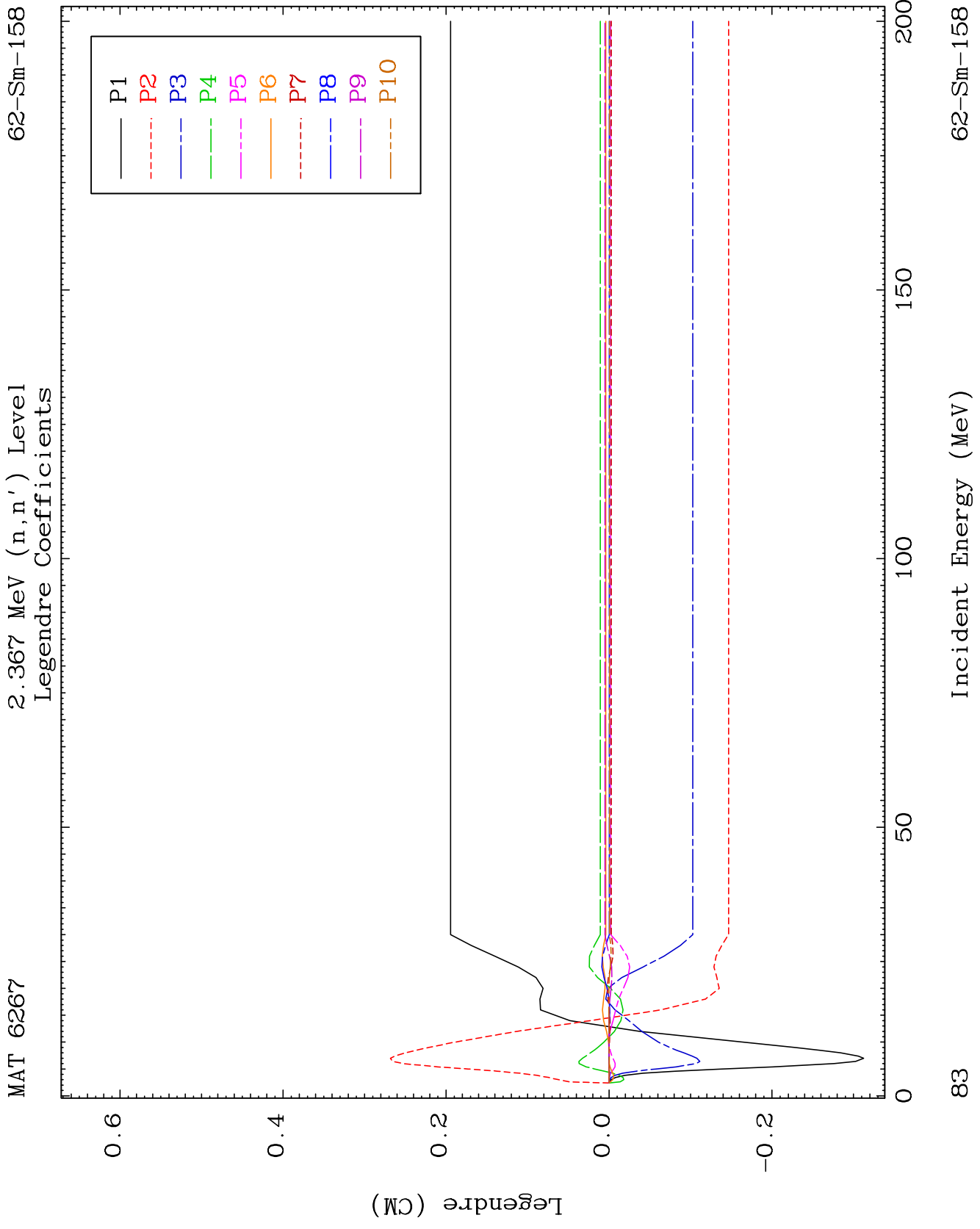
62-Sm-158



81

Incident Energy (MeV)

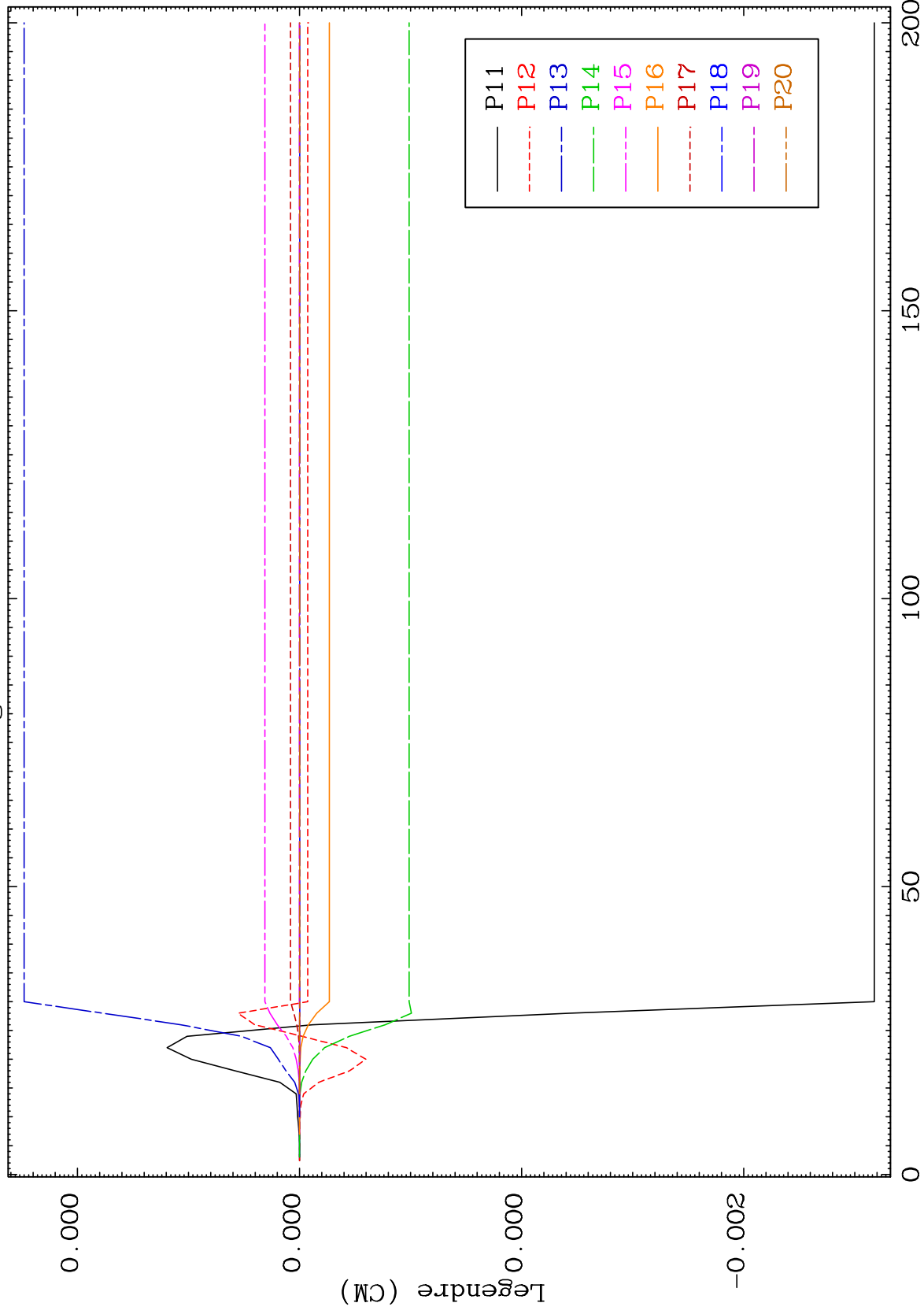
62-Sm-158



MAT 6267

2.367 MeV (n,n') Level
Legendre Coefficients

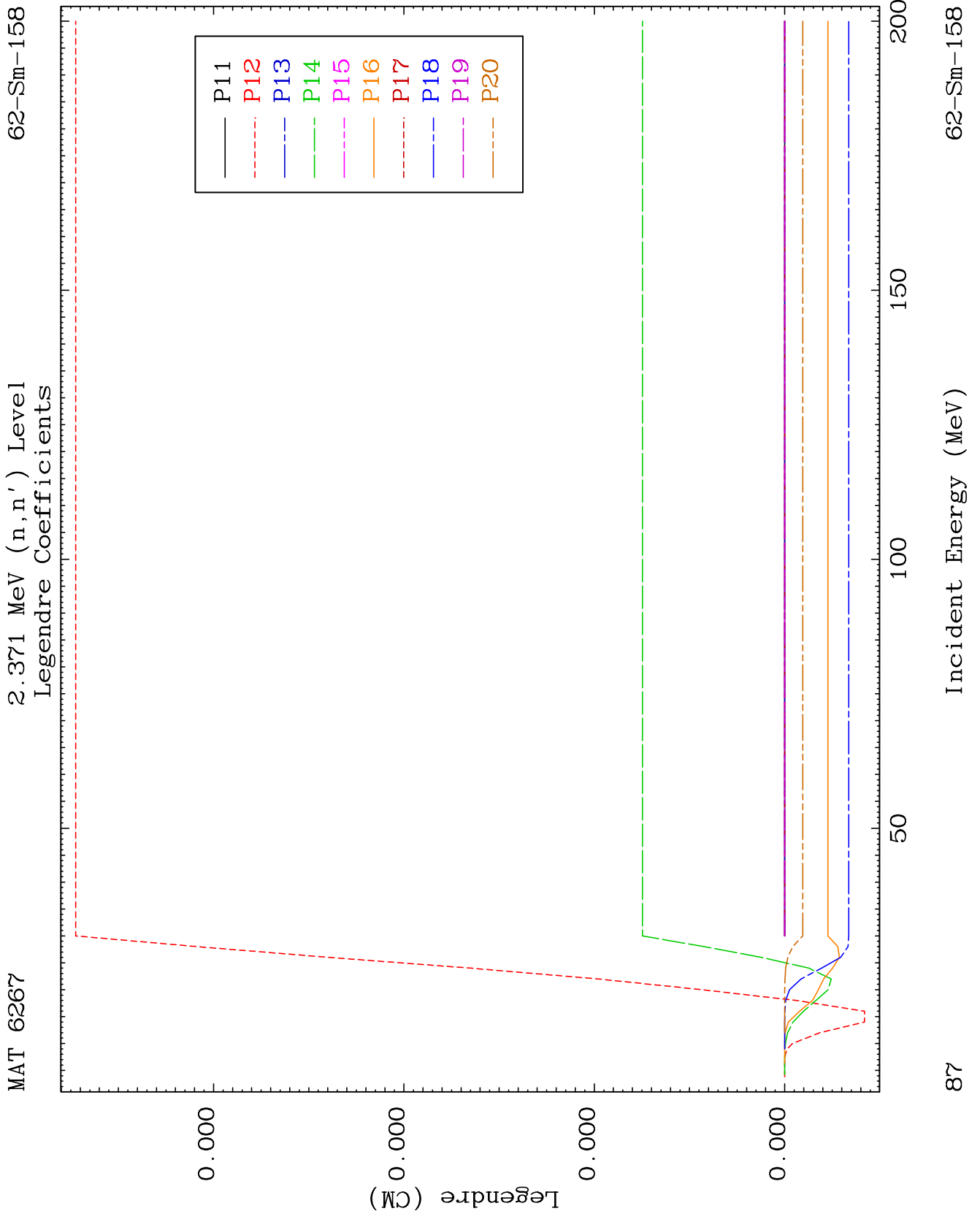
62-Sm-158

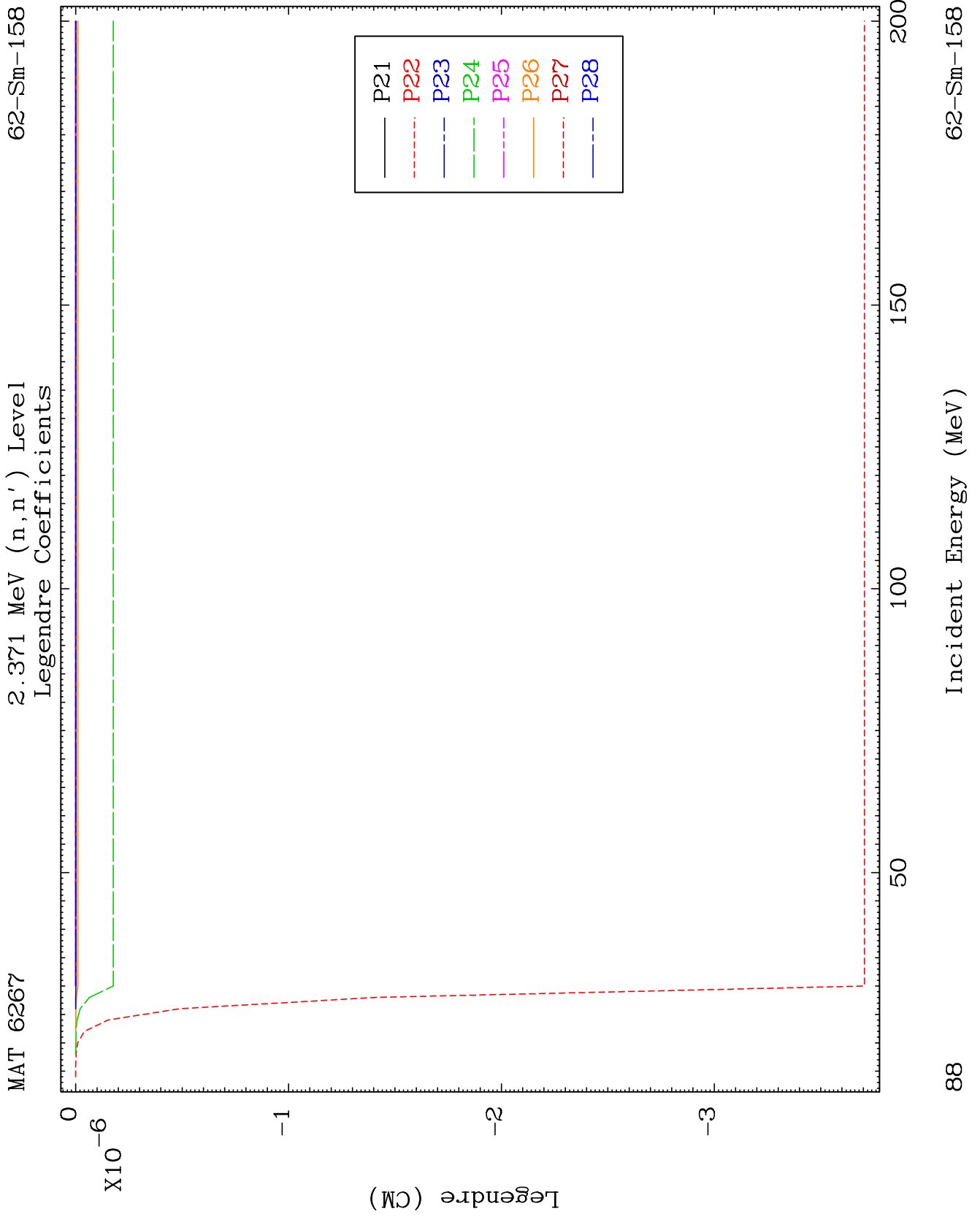


84

Incident Energy (MeV)

62-Sm-158

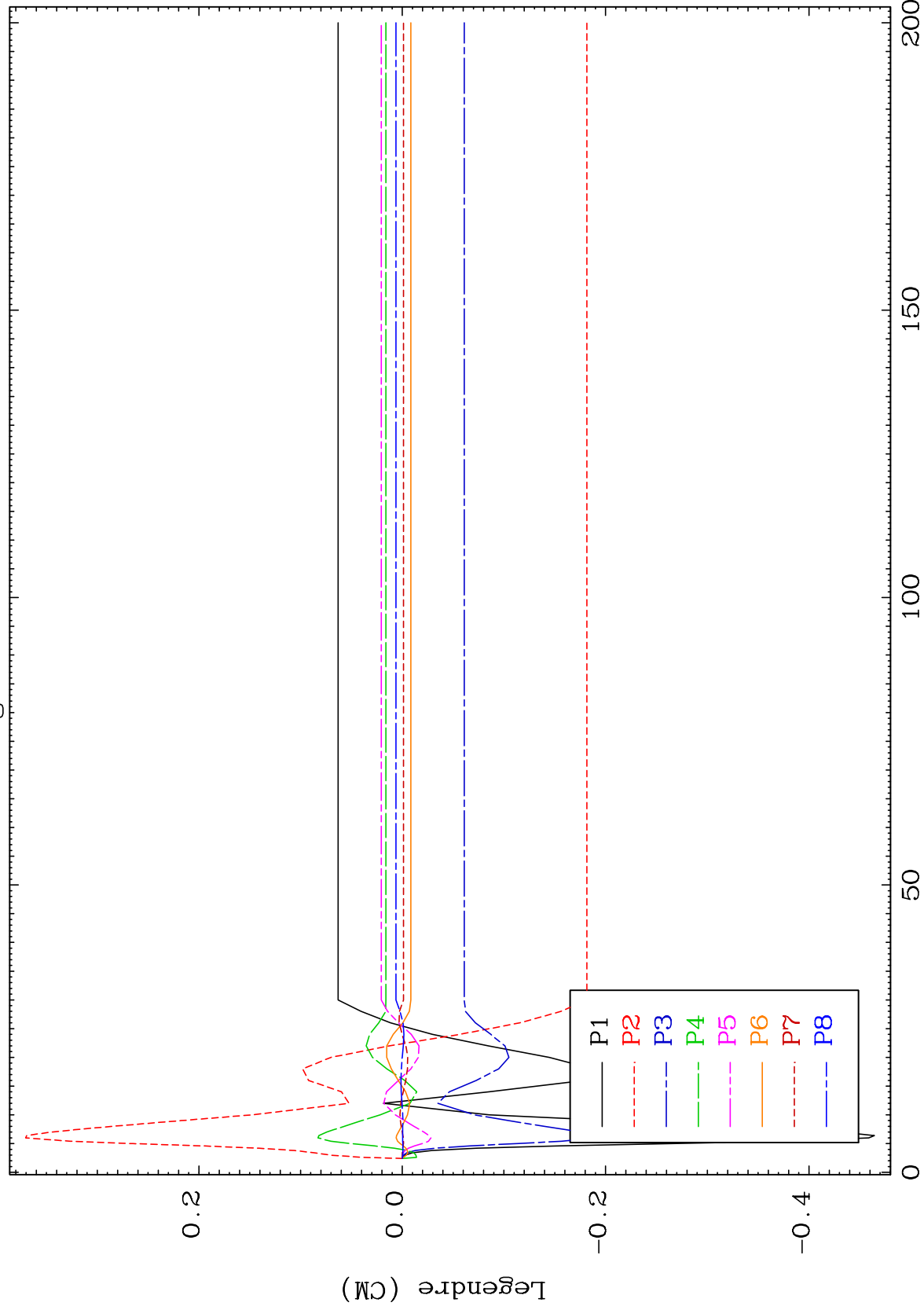




MAT 6267

2.388 MeV (n,n') Level
Legendre Coefficients

62-Sm-158



89

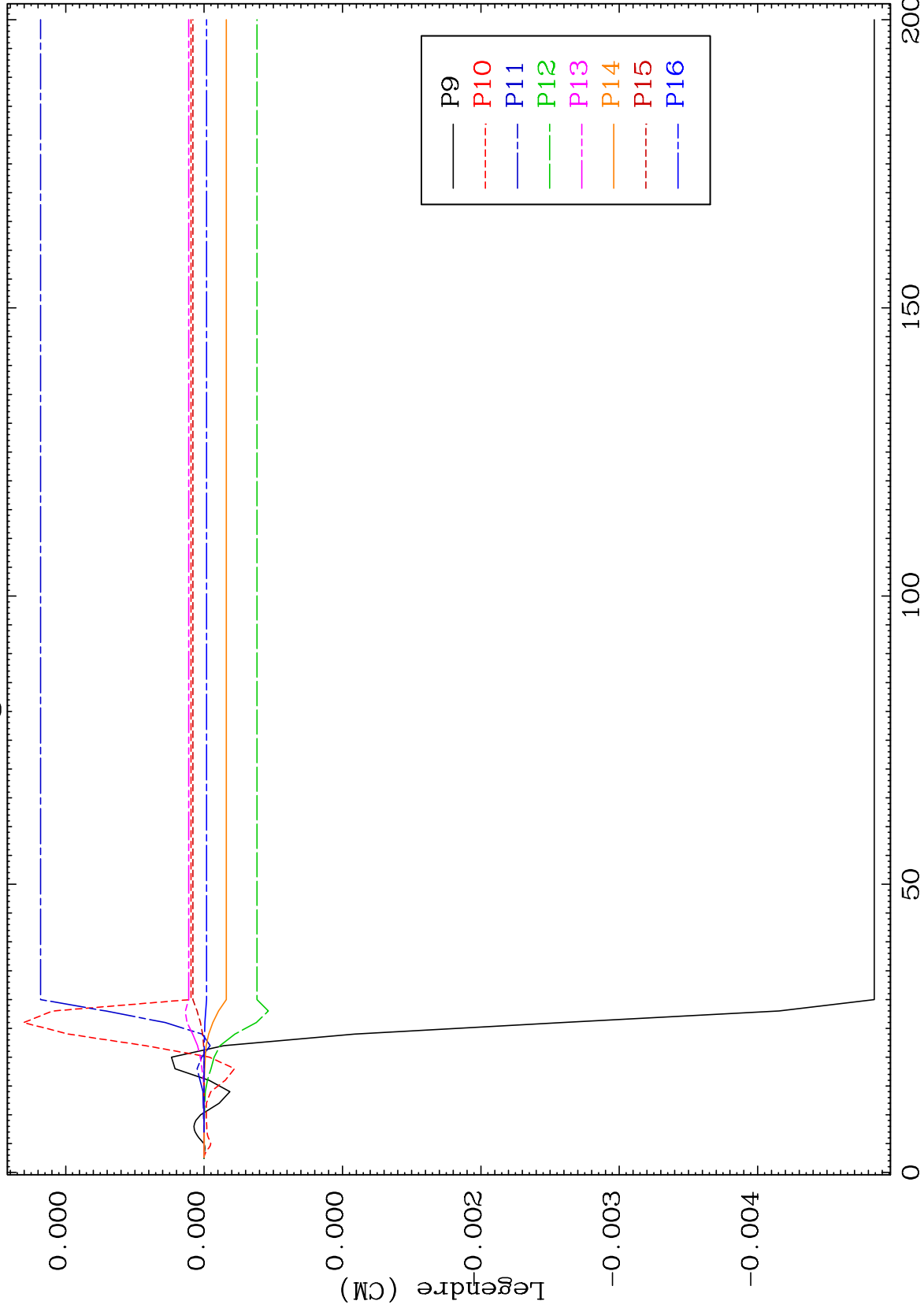
Incident Energy (MeV)

62-Sm-158

MAT 6267

2.388 MeV (n,n') Level
Legendre Coefficients

62-Sm-158



90

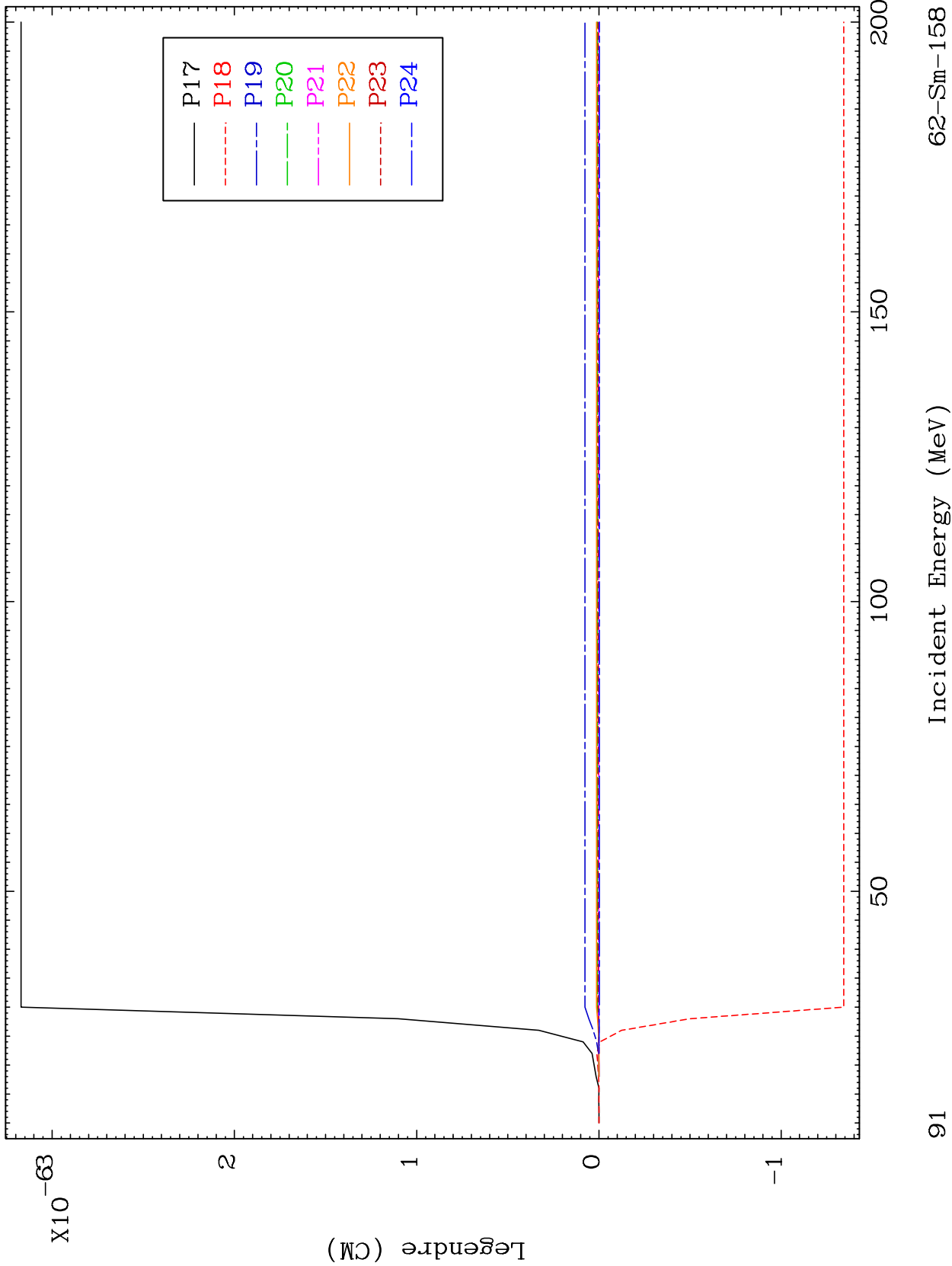
Incident Energy (MeV)

62-Sm-158

MAT 6267

2.388 MeV (n,n') Level
Legendre Coefficients

62-Sm-158



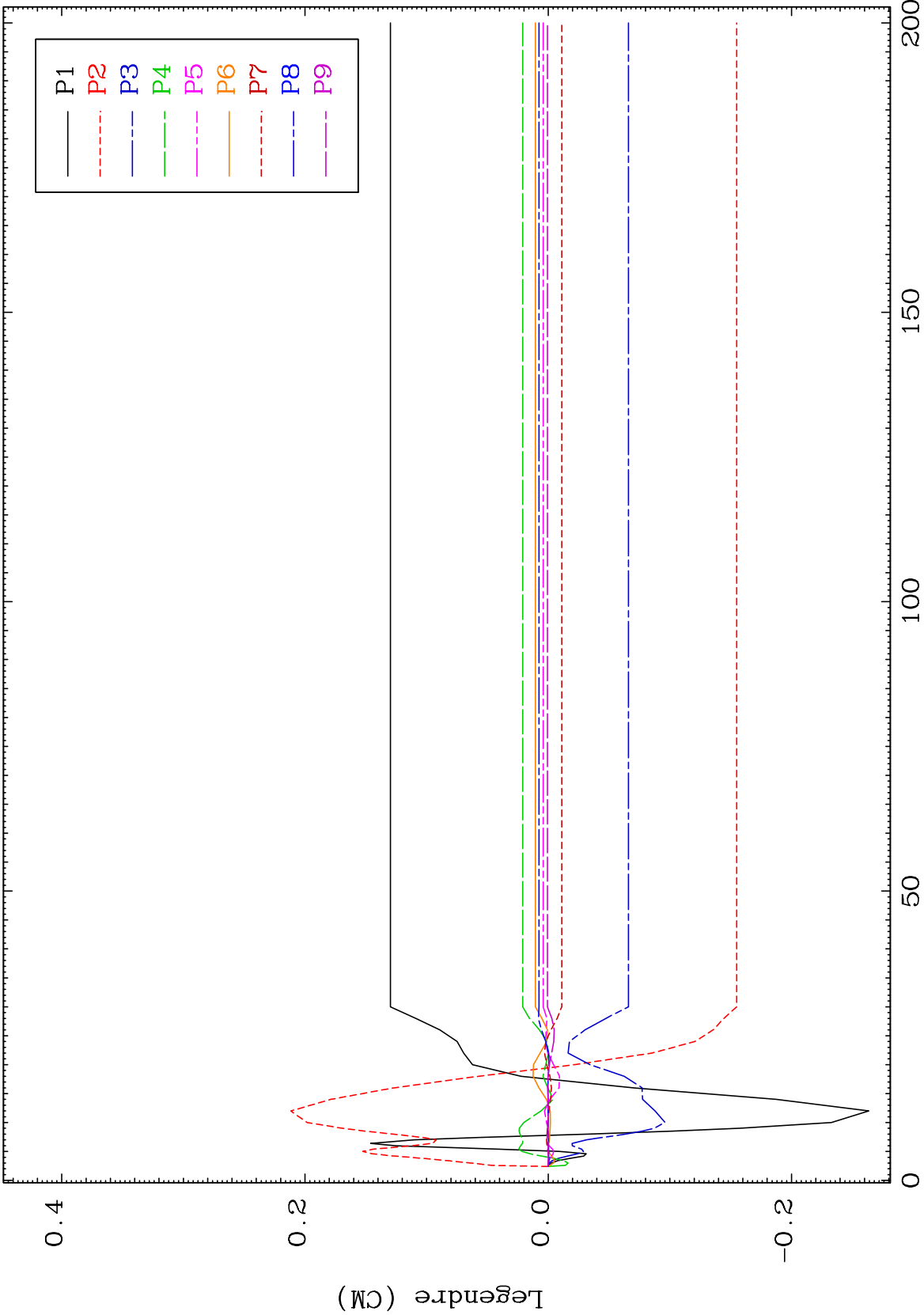
91

62-Sm-158

MAT 6267

2.390 MeV (n,n') Level
Legendre Coefficients

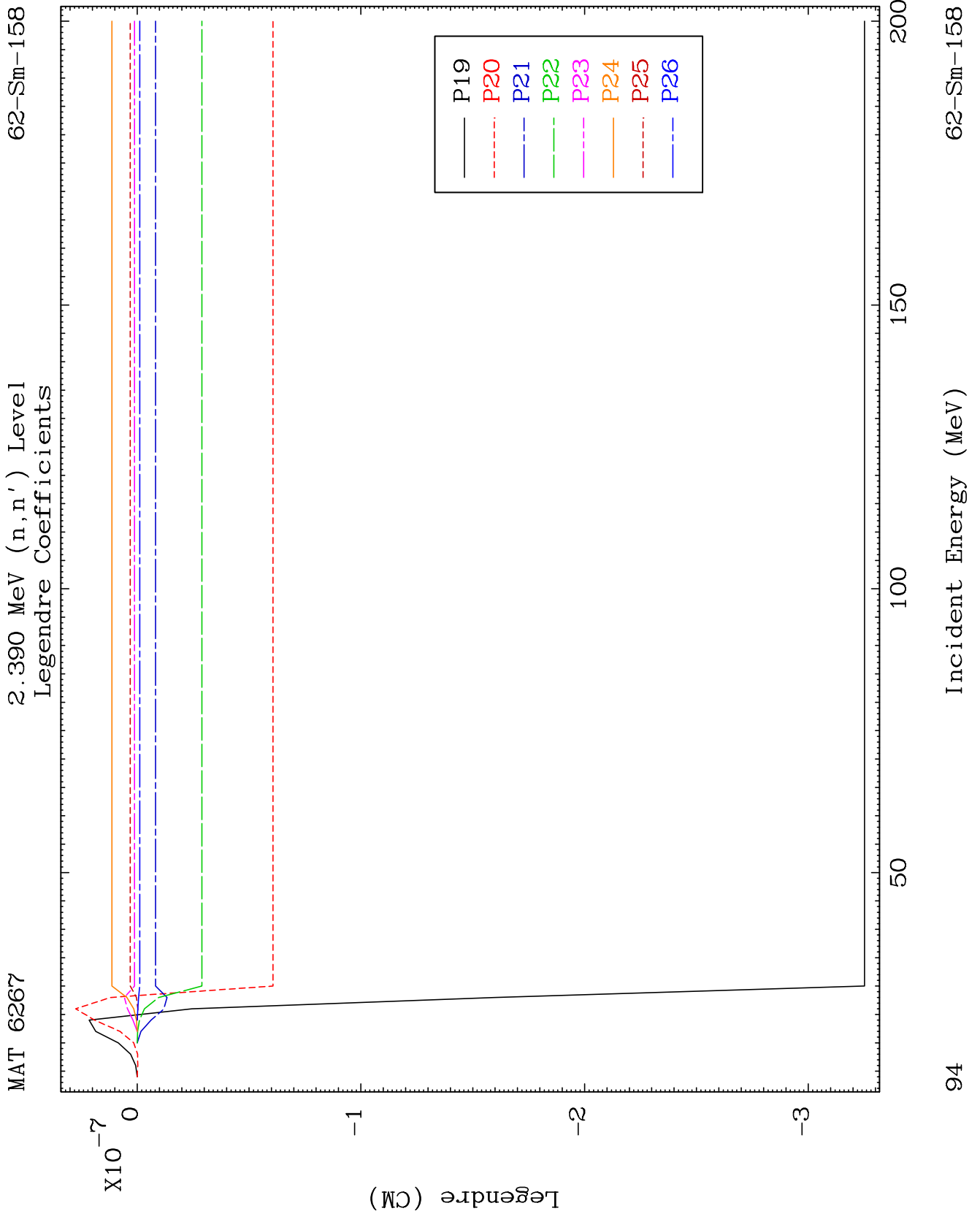
62-Sm-158



92

Incident Energy (MeV)

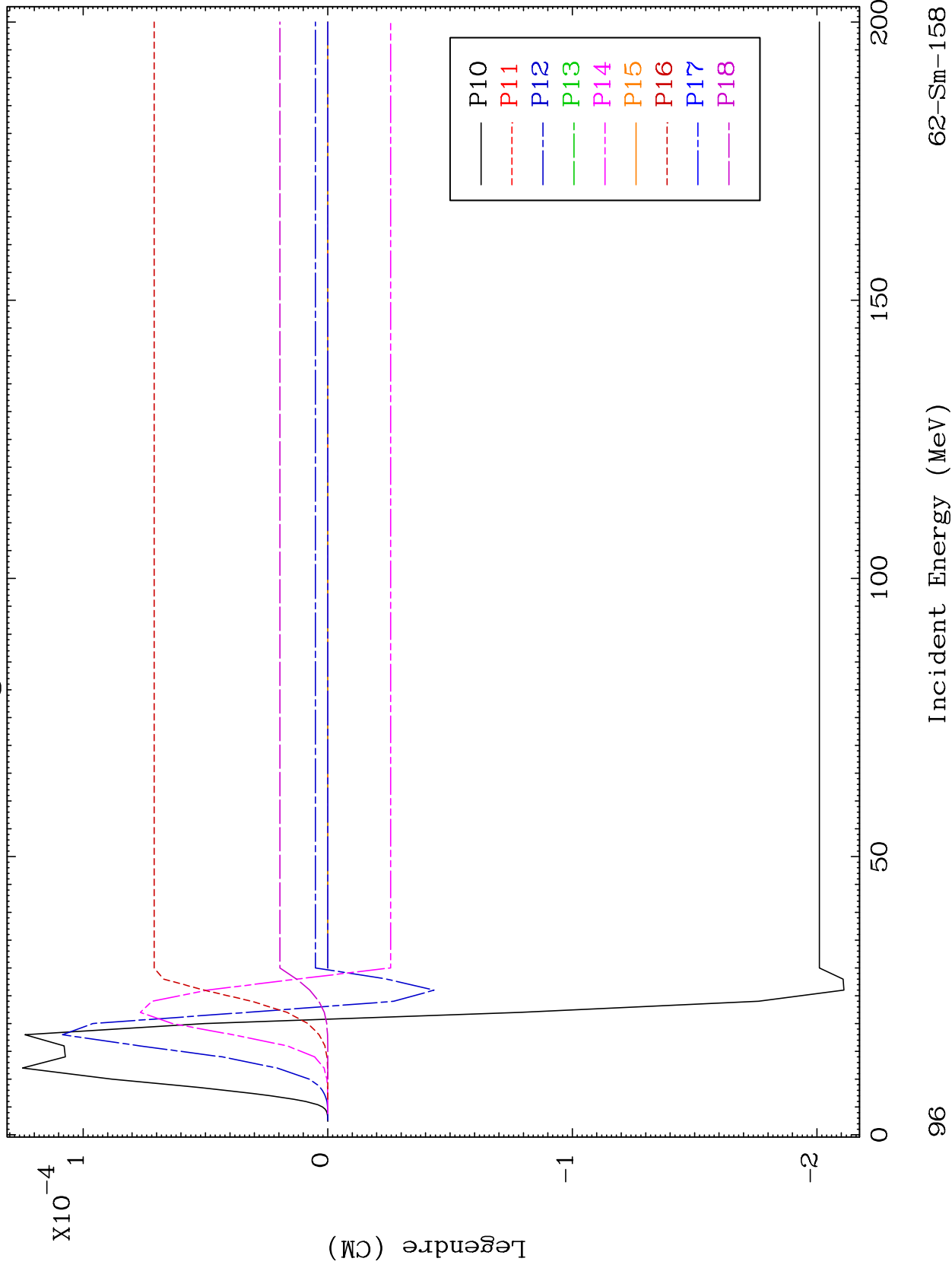
62-Sm-158

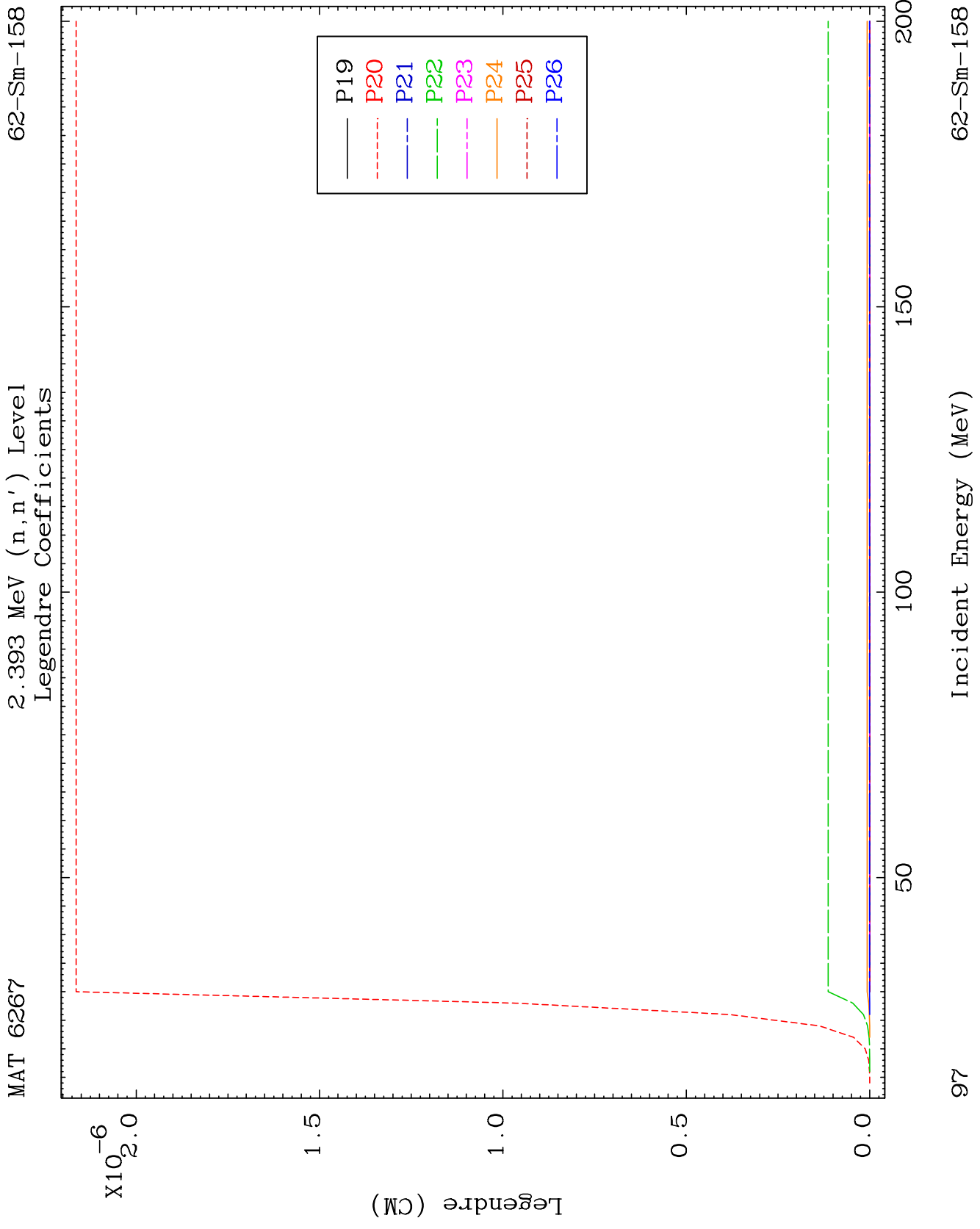


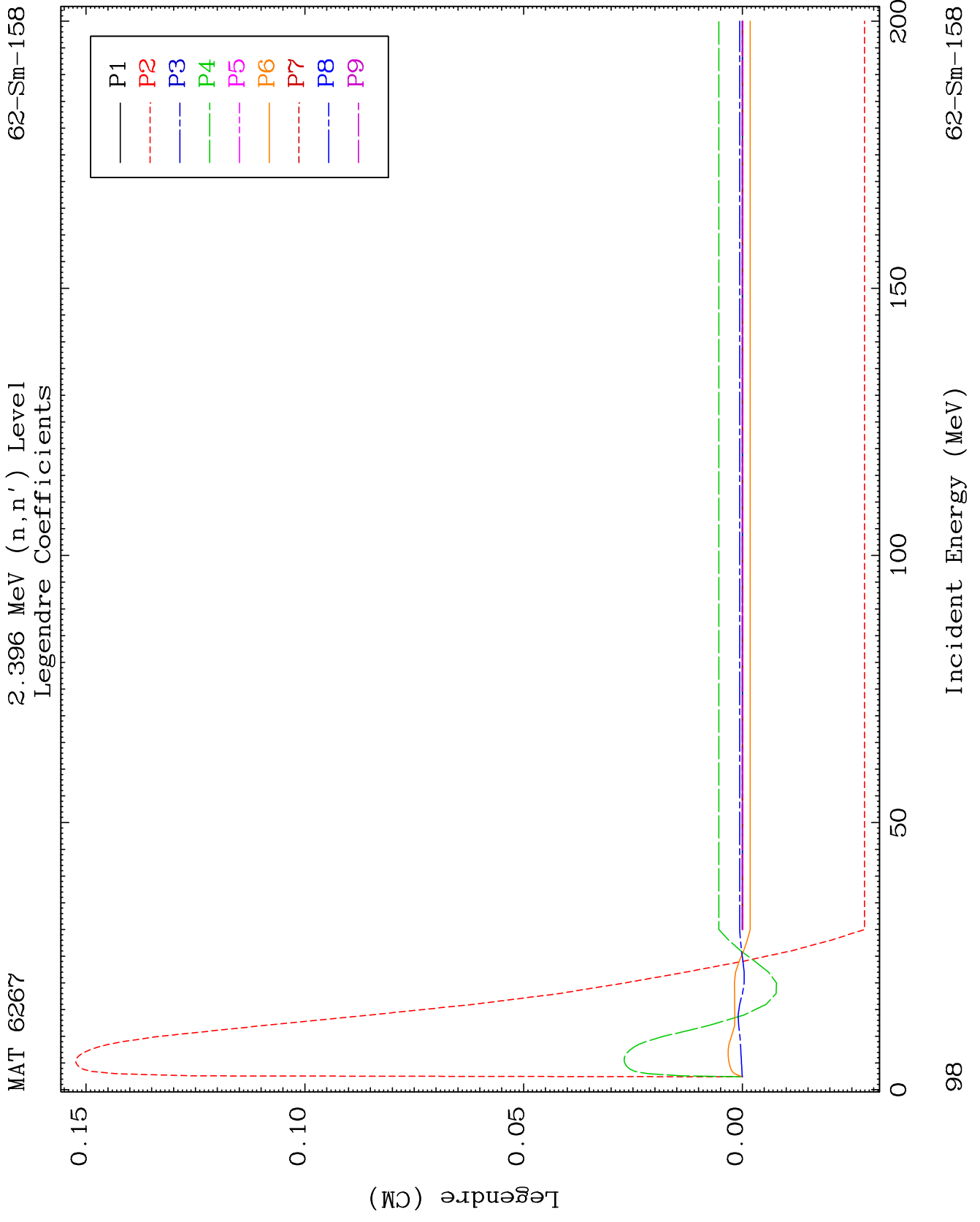
MAT 6267

2.393 MeV (n,n') Level
Legendre Coefficients

62-Sm-158



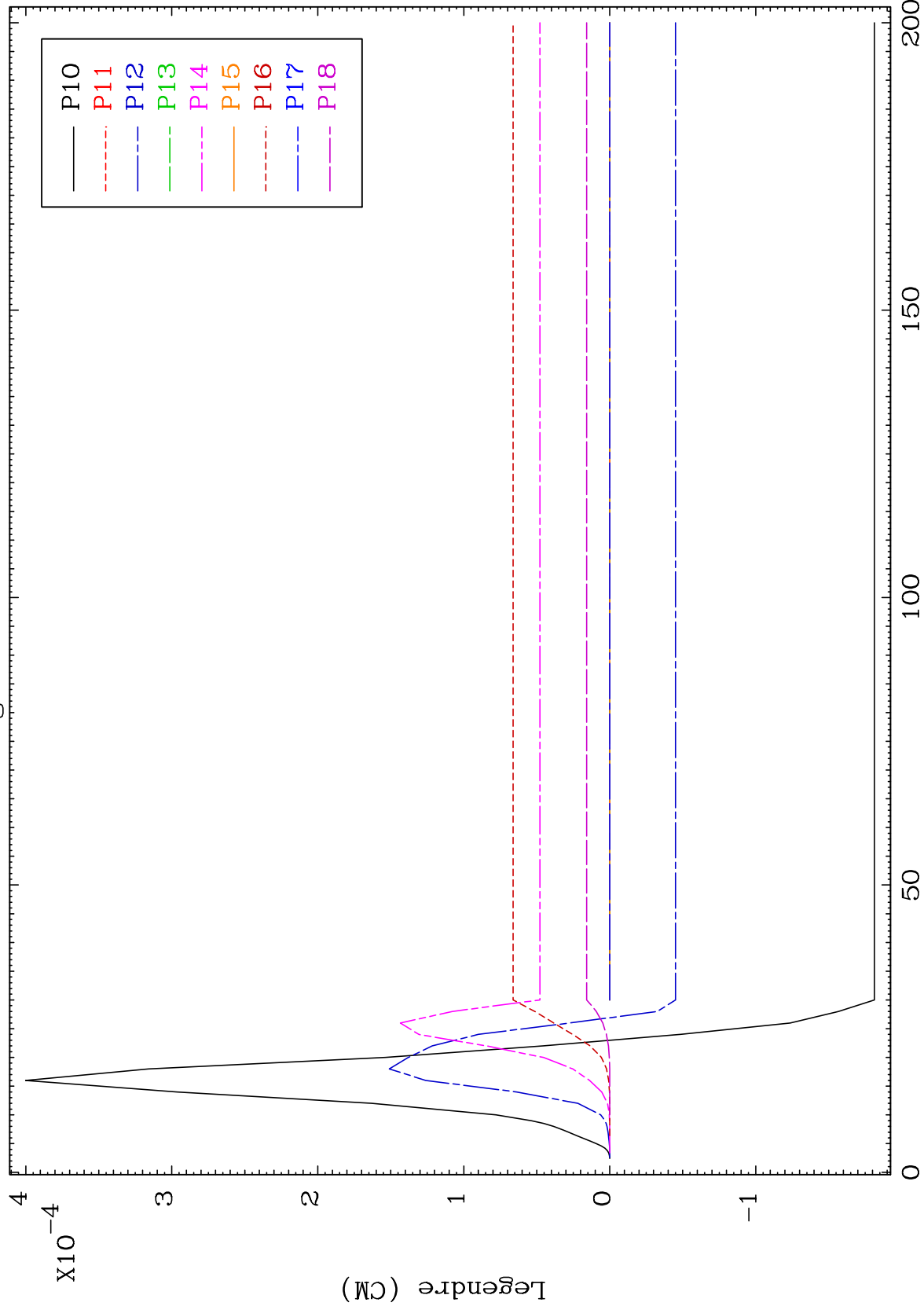




MAT 6267

2.396 MeV (n,n') Level
Legendre Coefficients

62-Sm-158



99

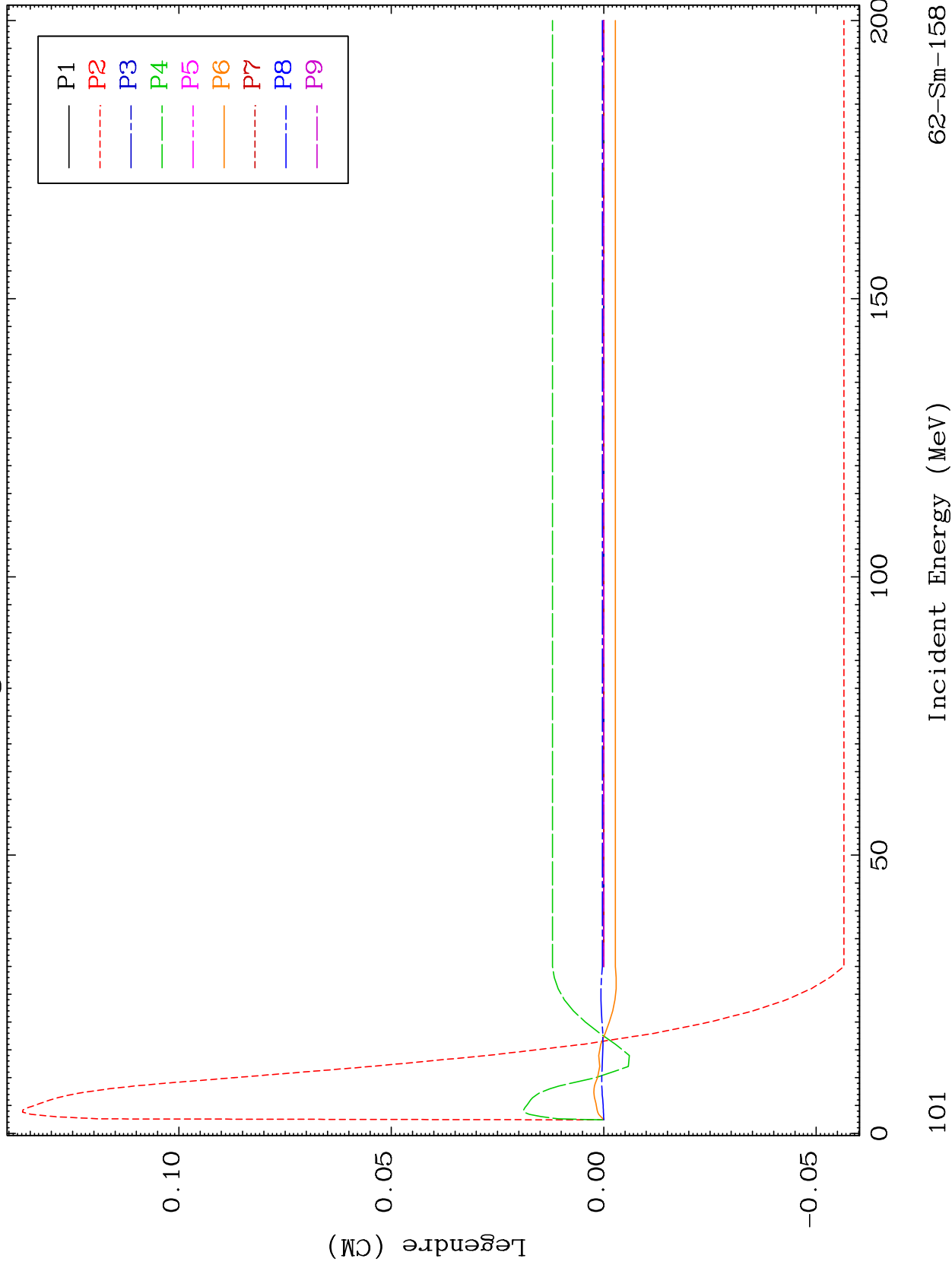
Incident Energy (MeV)

62-Sm-158

MAT 6267

2.399 MeV (n,n') Level
Legendre Coefficients

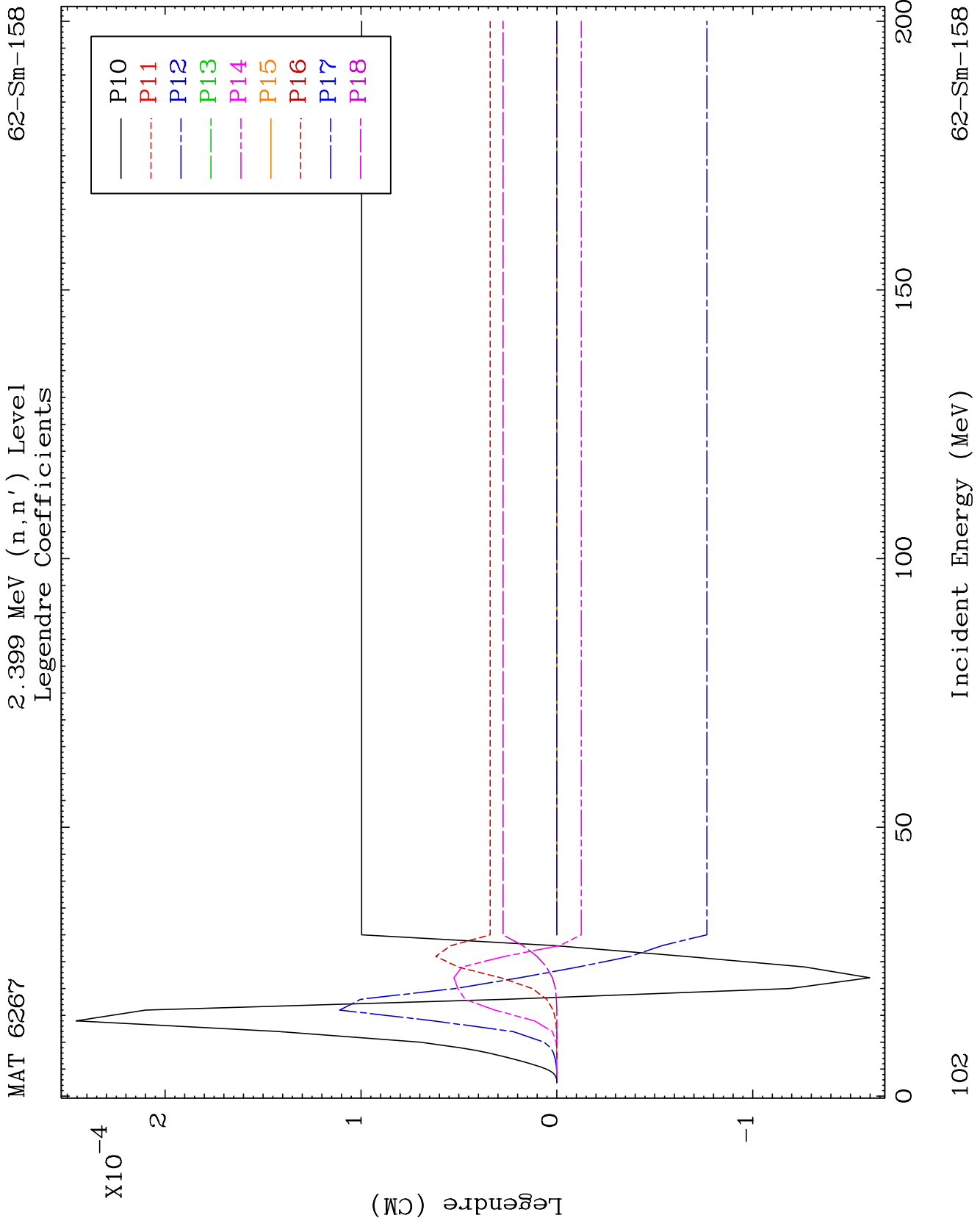
62-Sm-158

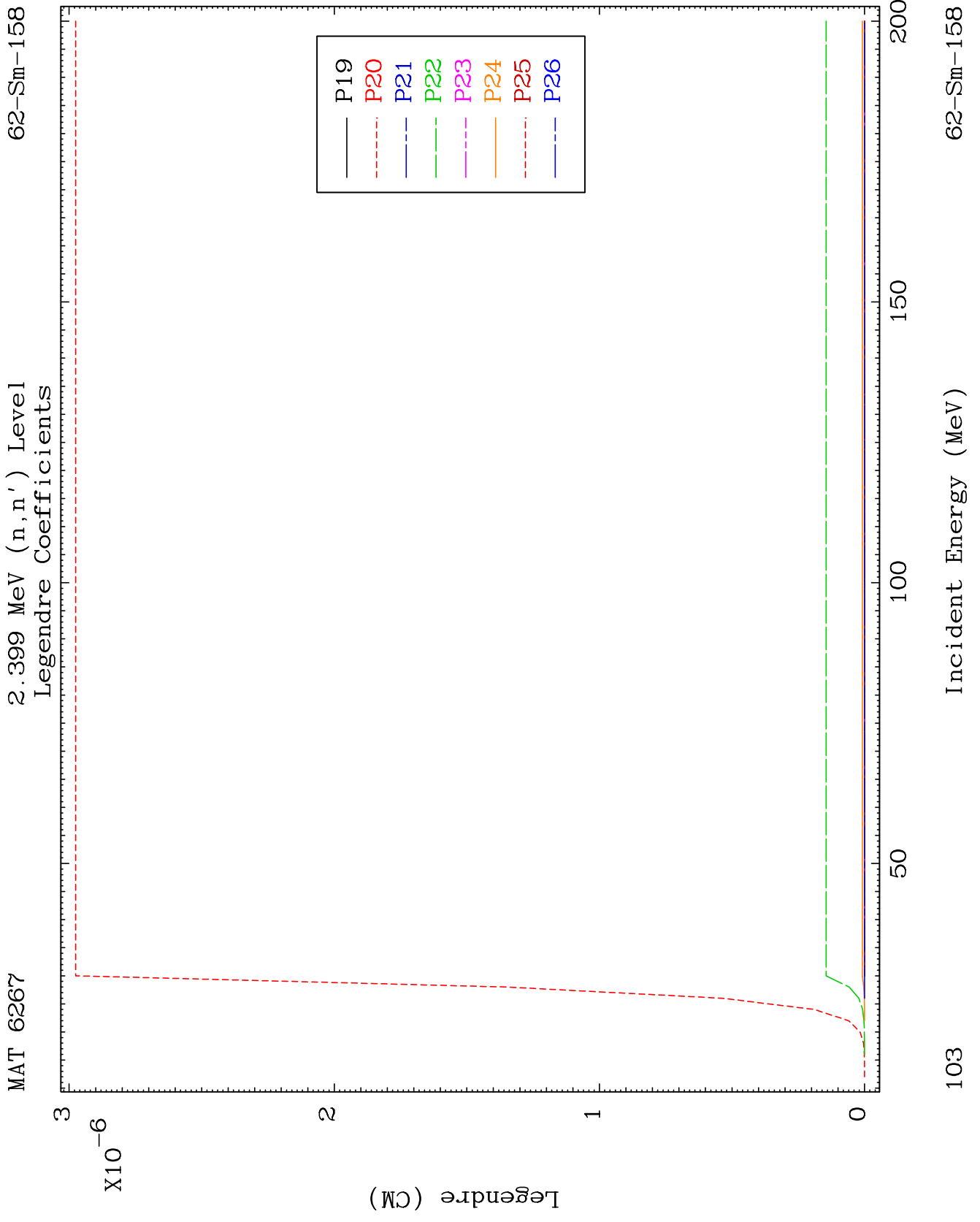


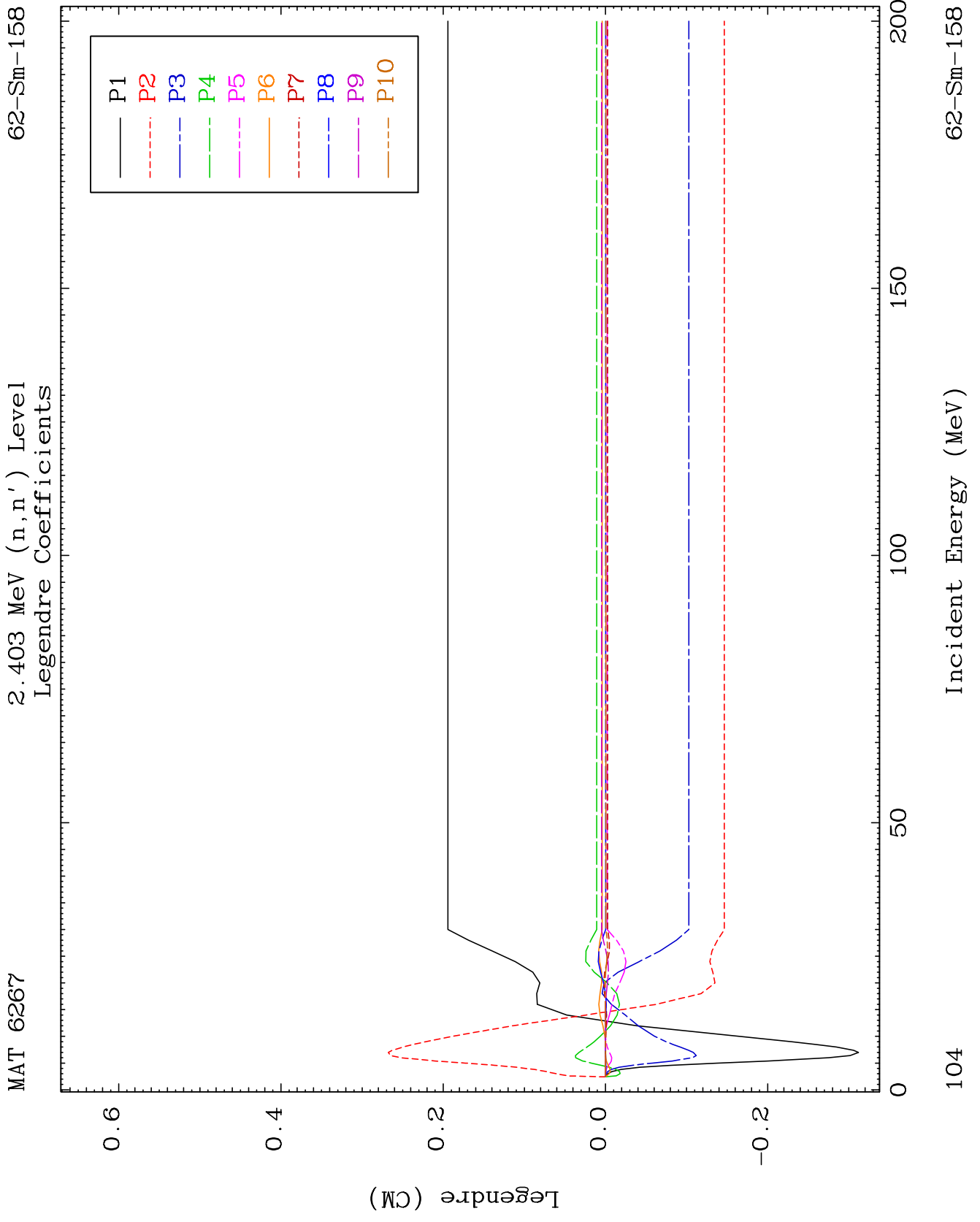
62-Sm-158

Incident Energy (MeV)

101



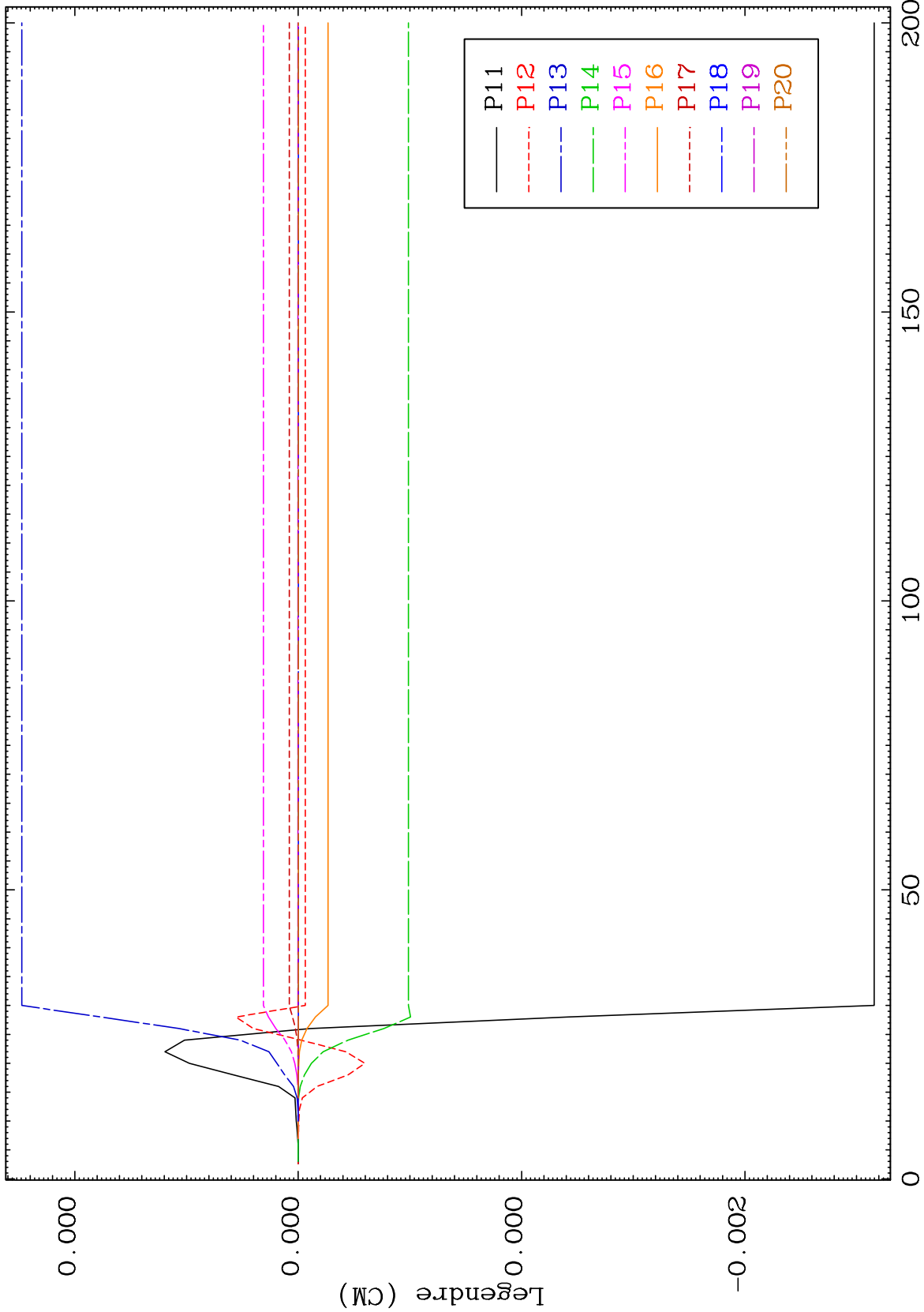




MAT 6267

2.403 MeV (n,n') Level
Legendre Coefficients

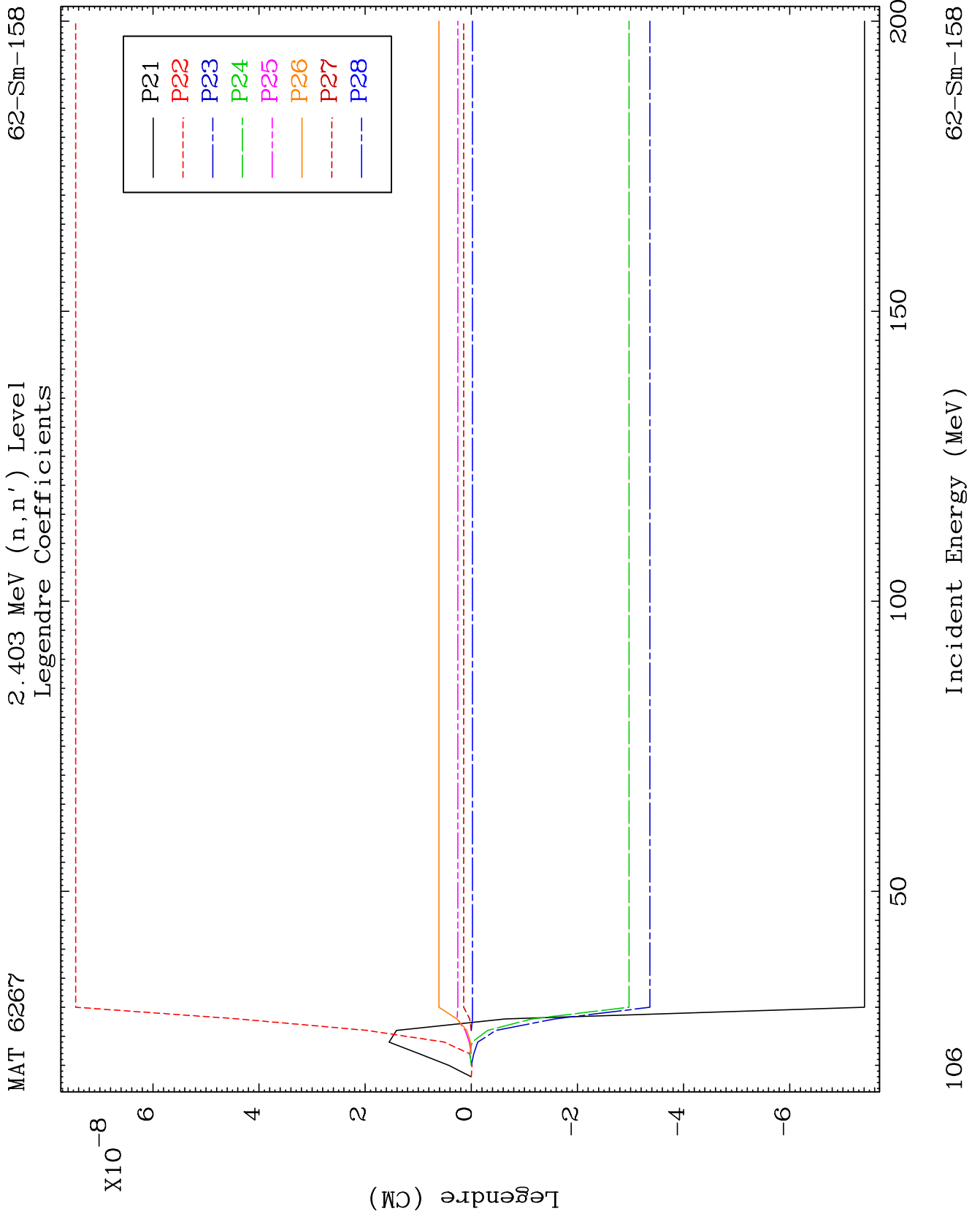
62-Sm-158



105

Incident Energy (MeV)

62-Sm-158

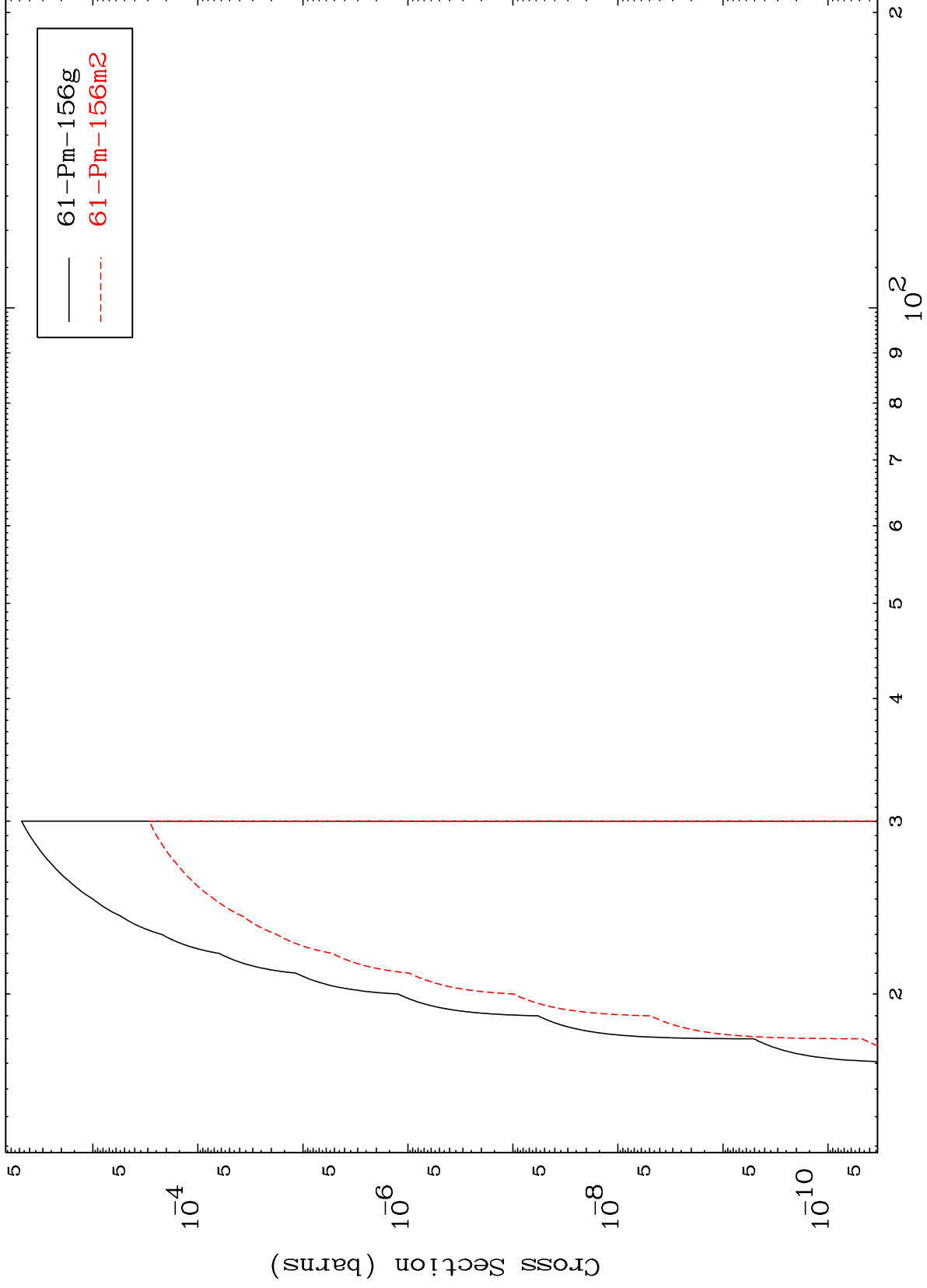


MAT 6267

(n,n') d

62-Sm-158

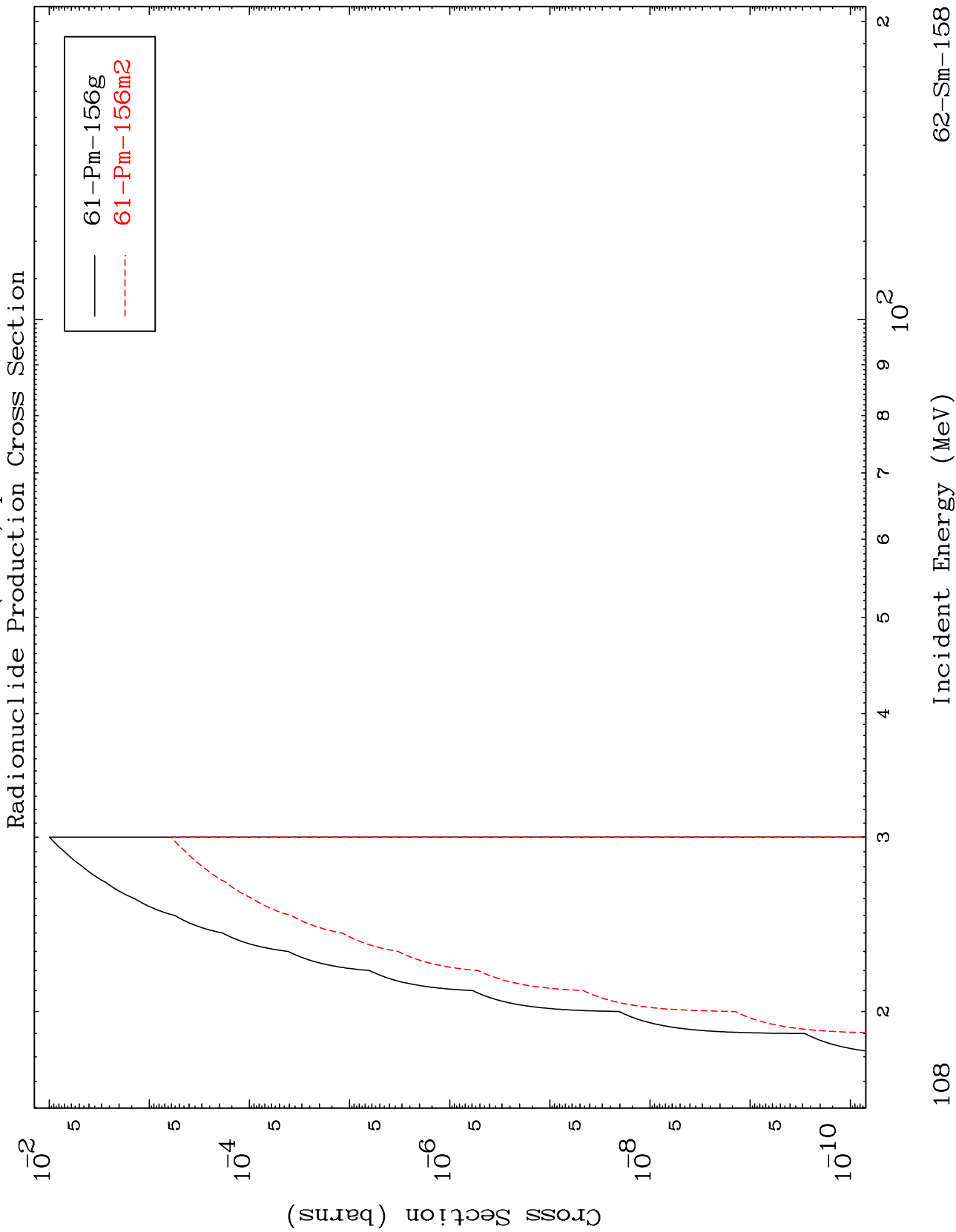
Radionuclide Production Cross Section



107

Incident Energy (MeV)

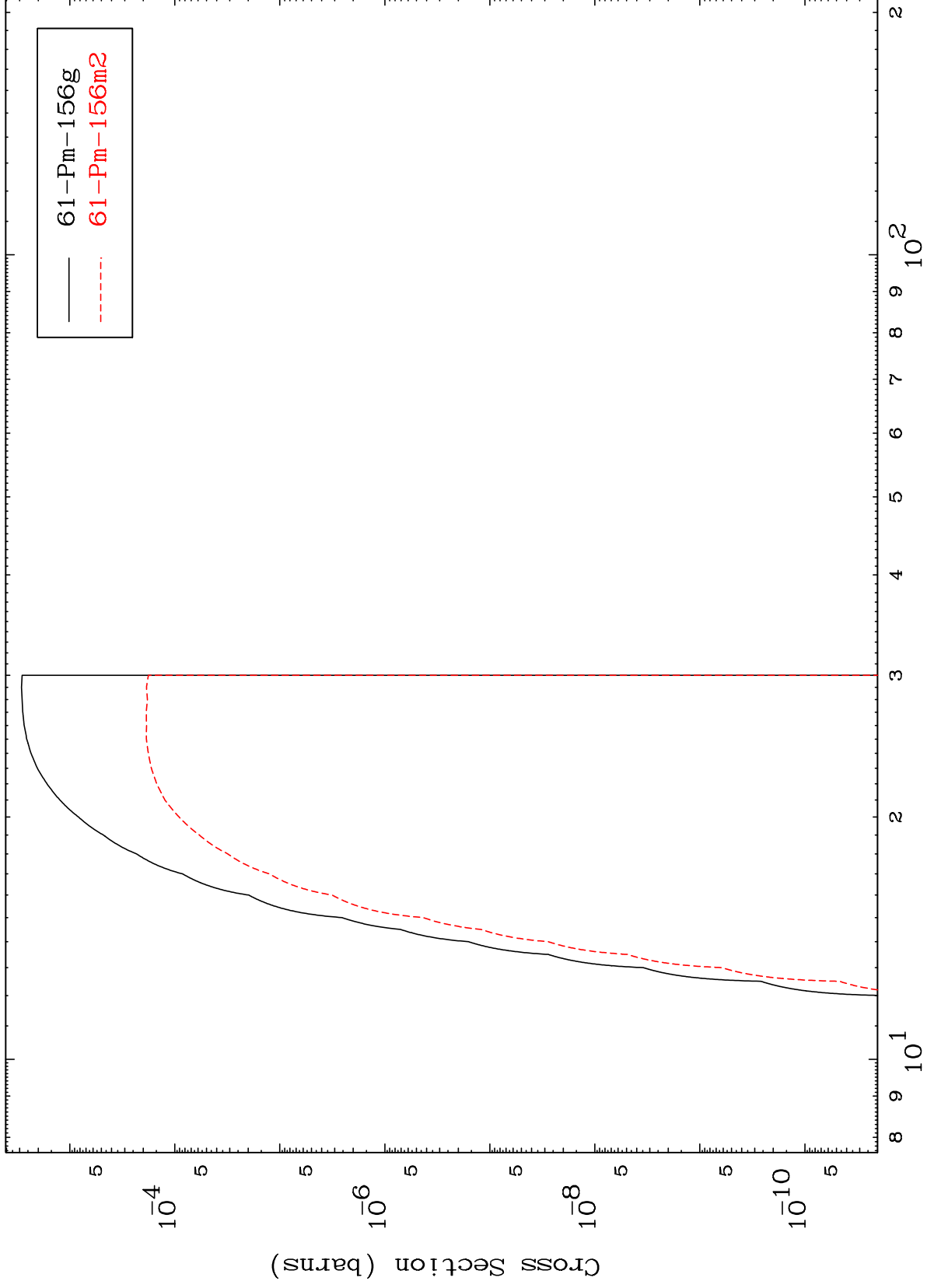
62-Sm-158



MAT 6267

62-Sm-158

(n,t)
Radionuclide Production Cross Section



109

Incident Energy (MeV)

62-Sm-158