

Program EVALPLOT
(Version 2015-2)

by

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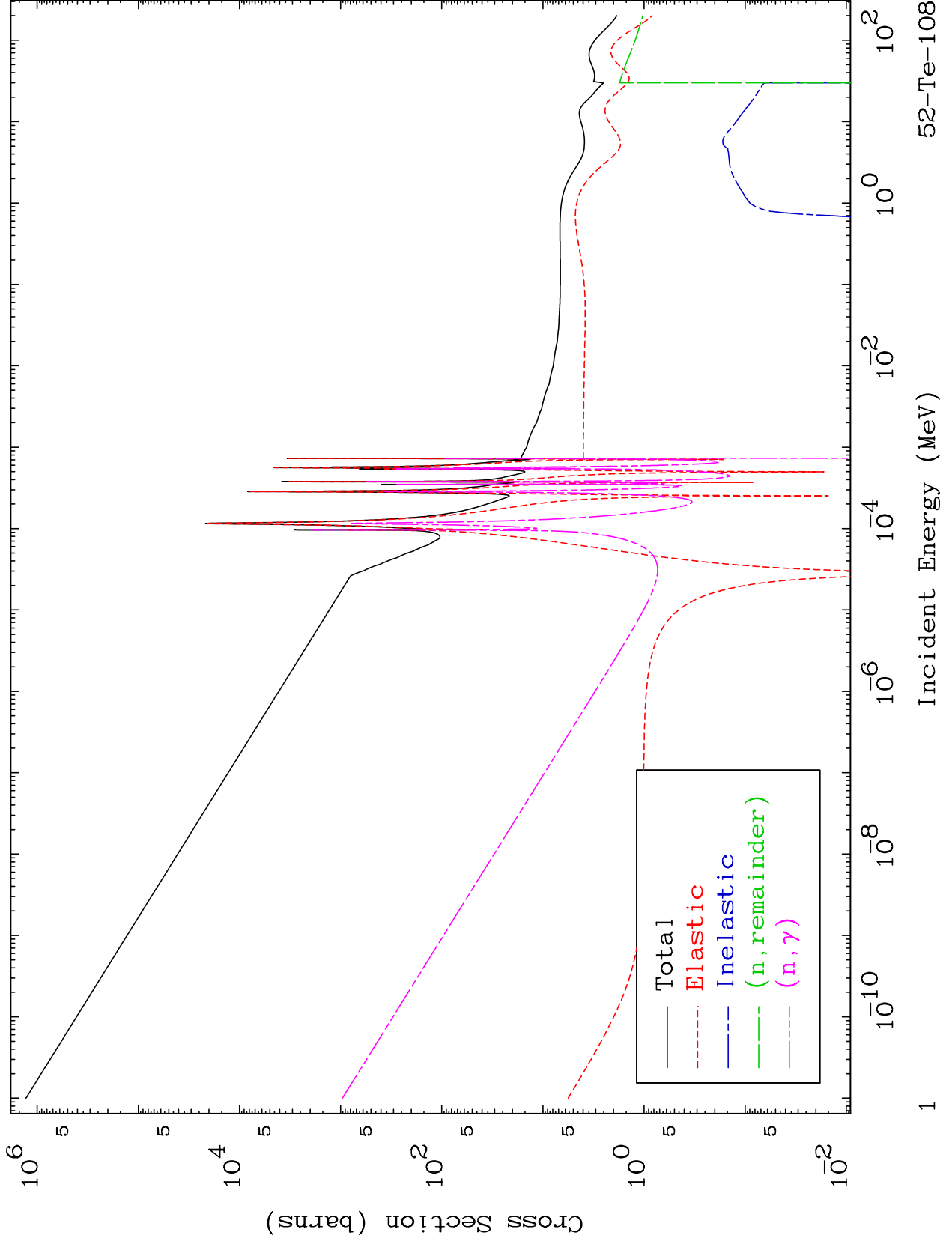
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5189

Major
293 Kelvin Cross Sections

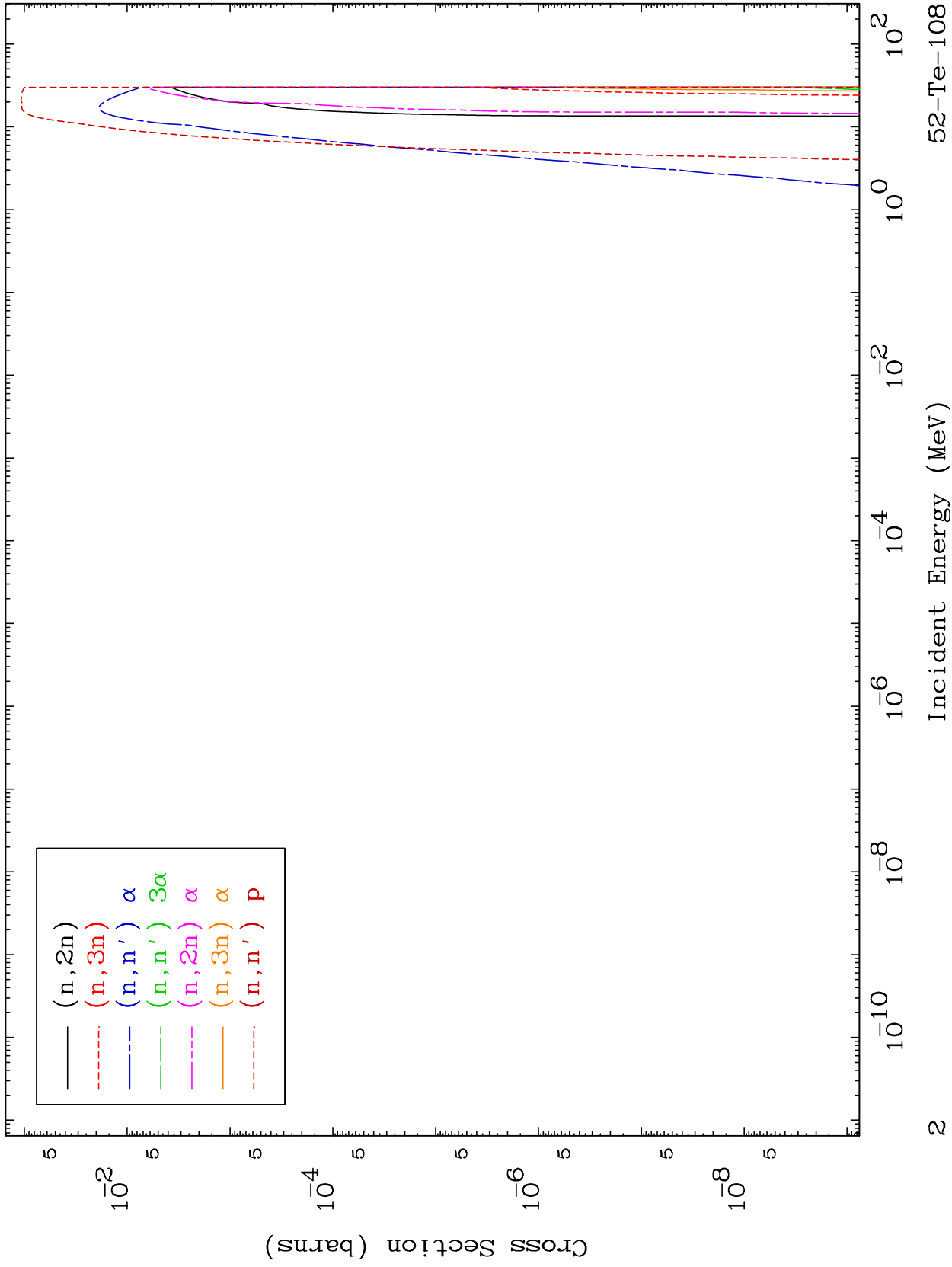
52-Te-108



MAT 5189

Neutron Production
293 Kelvin Cross Sections

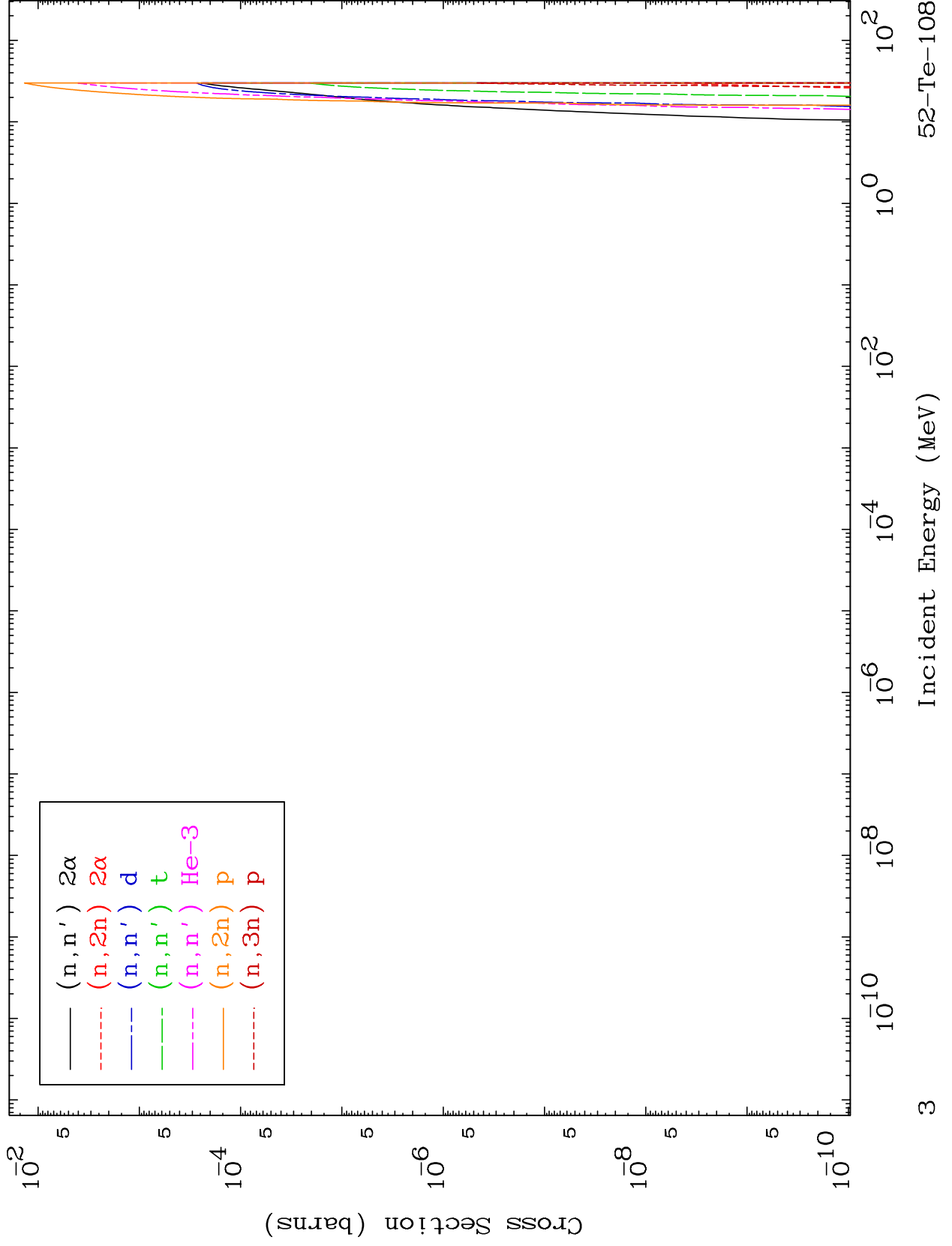
52-Te-108

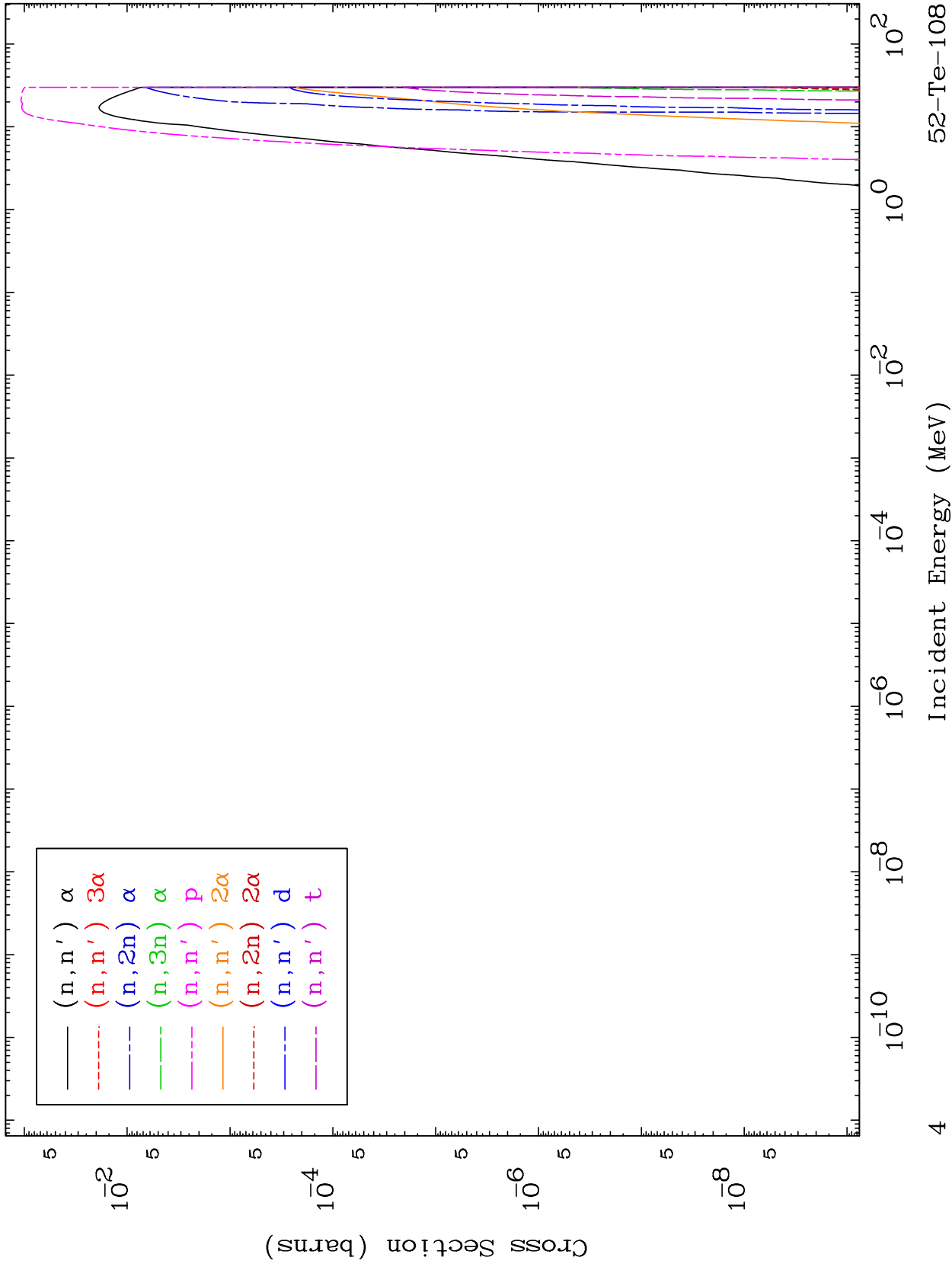


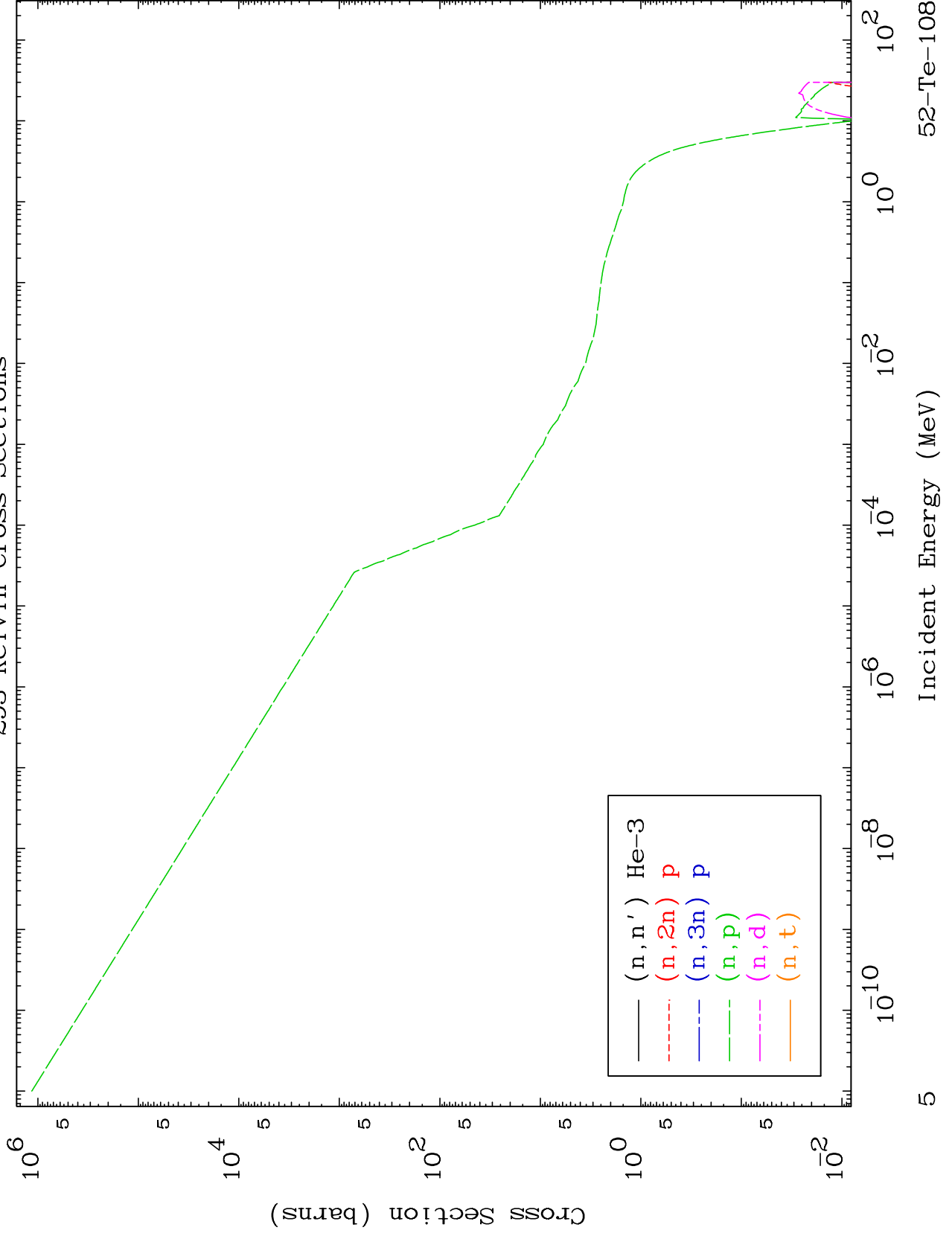
MAT 5189

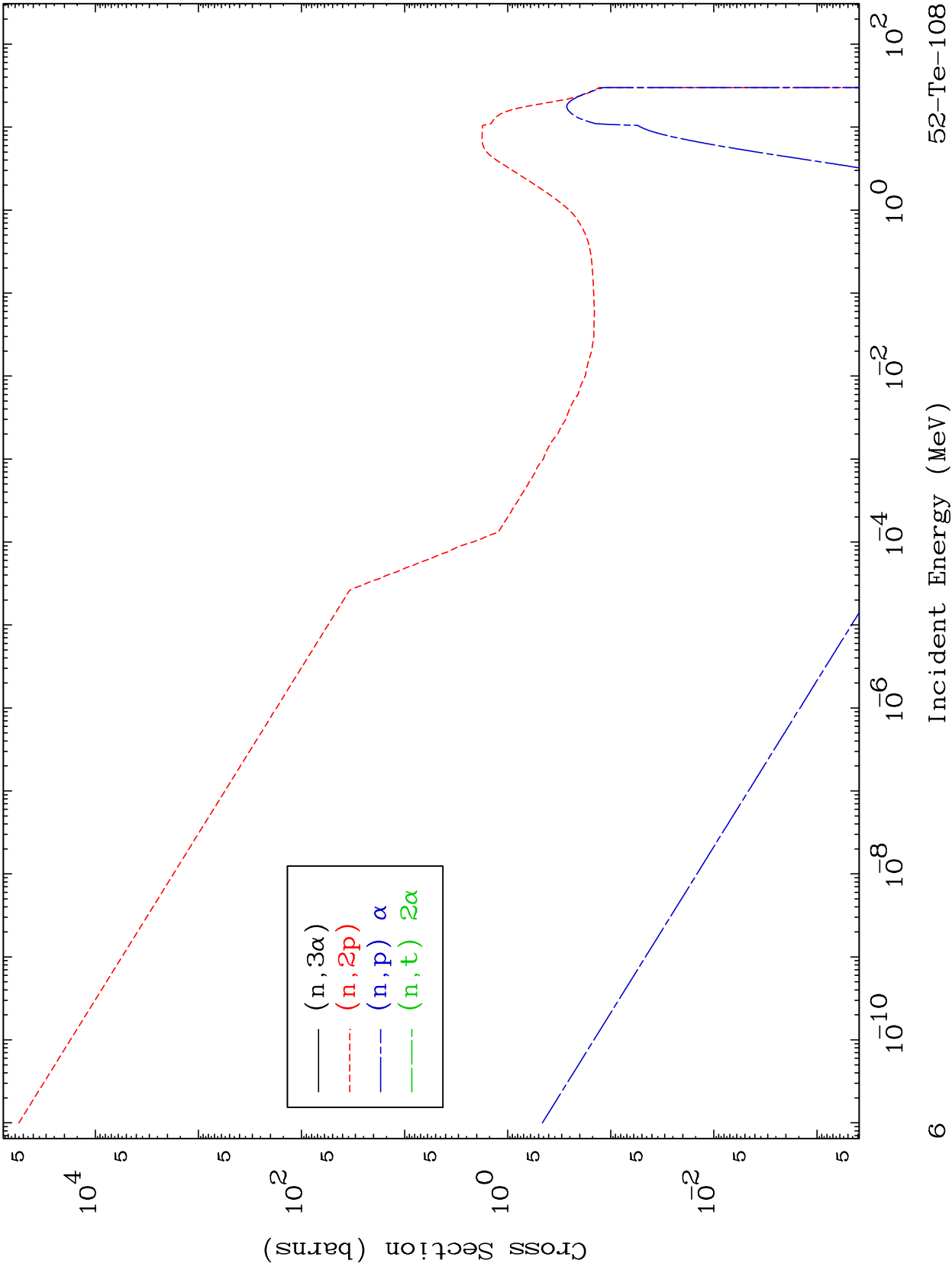
Neutron Production
293 Kelvin Cross Sections

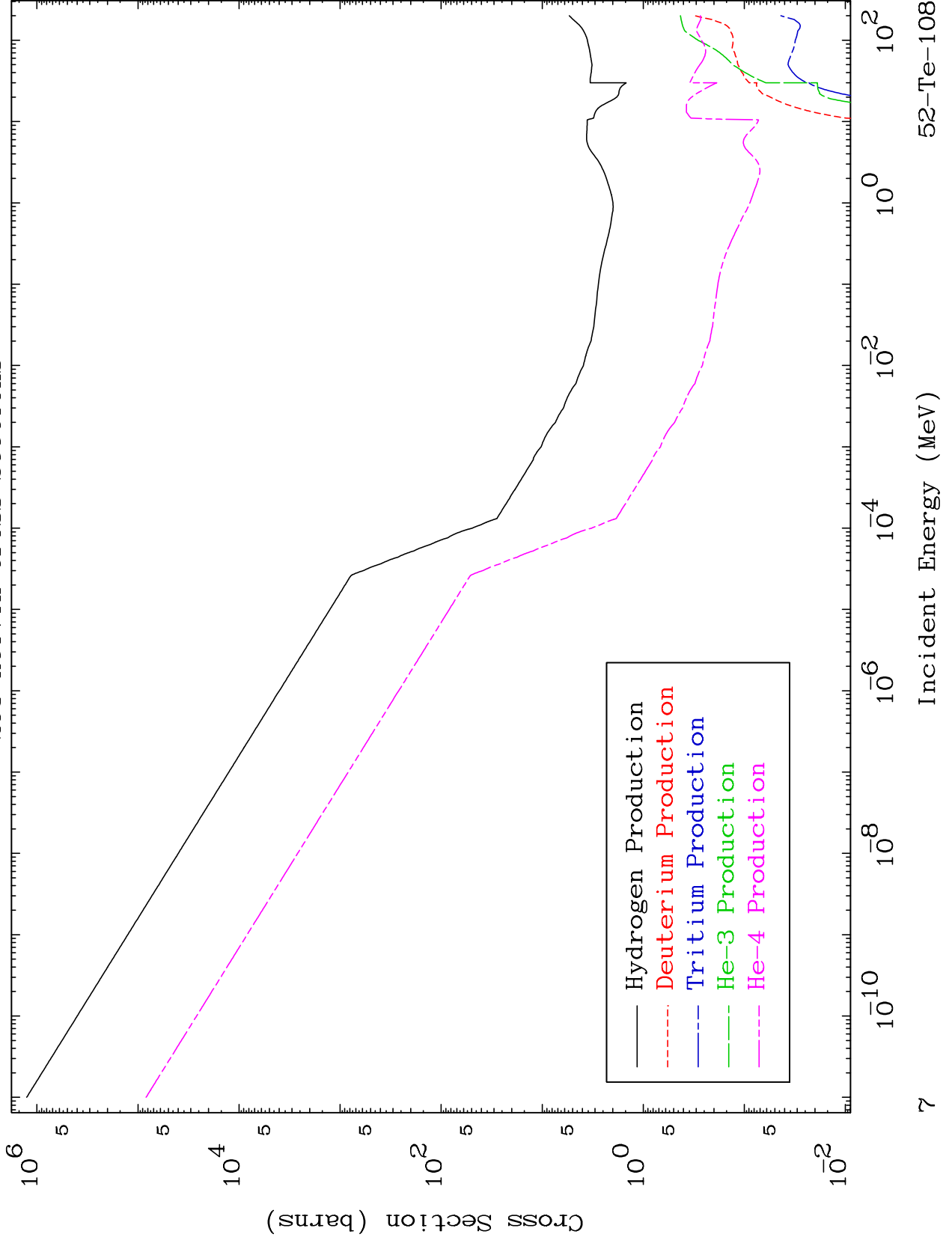
52-Te-108









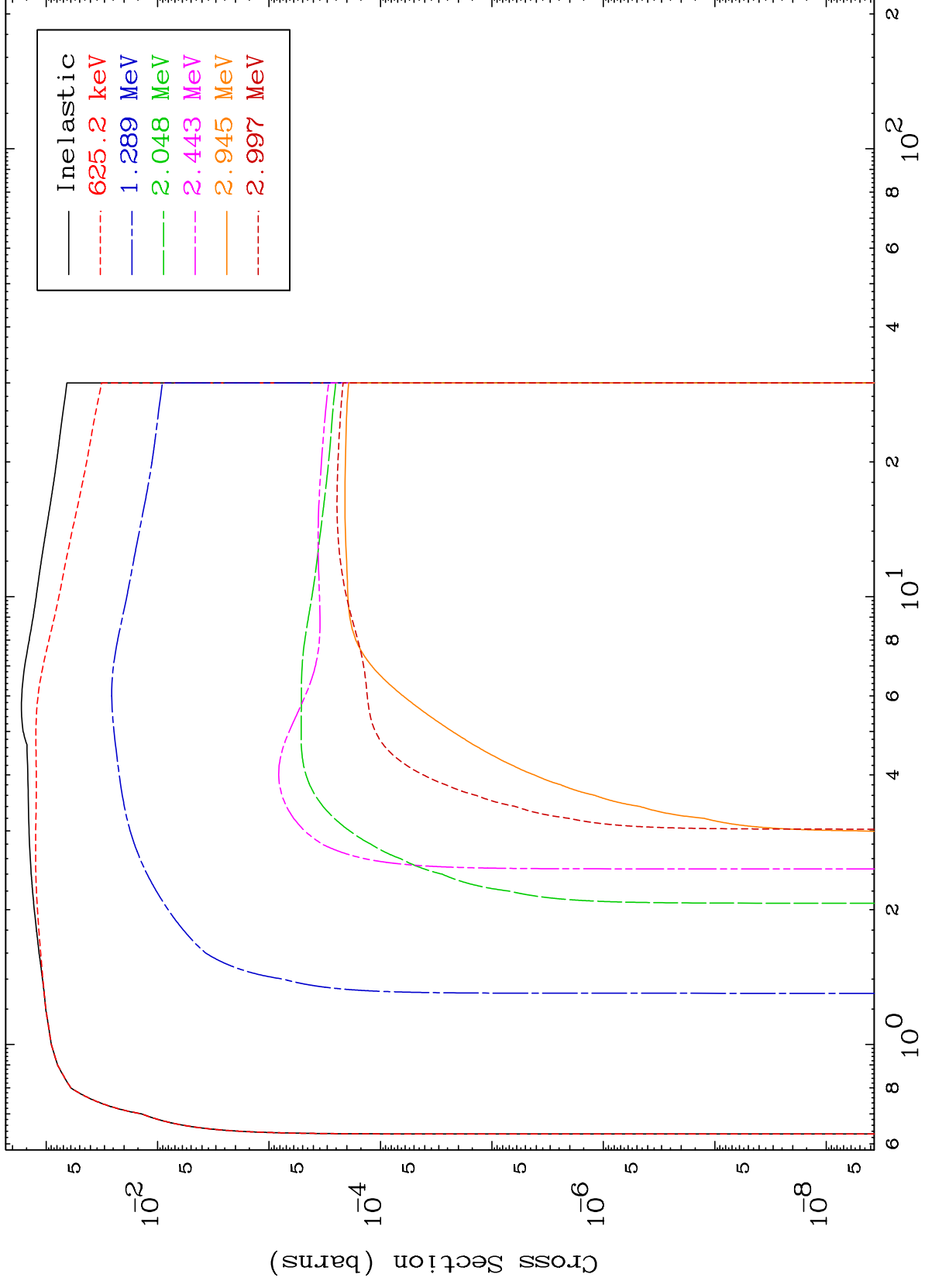


MAT 5189

(n,n') Level

52-Te-108

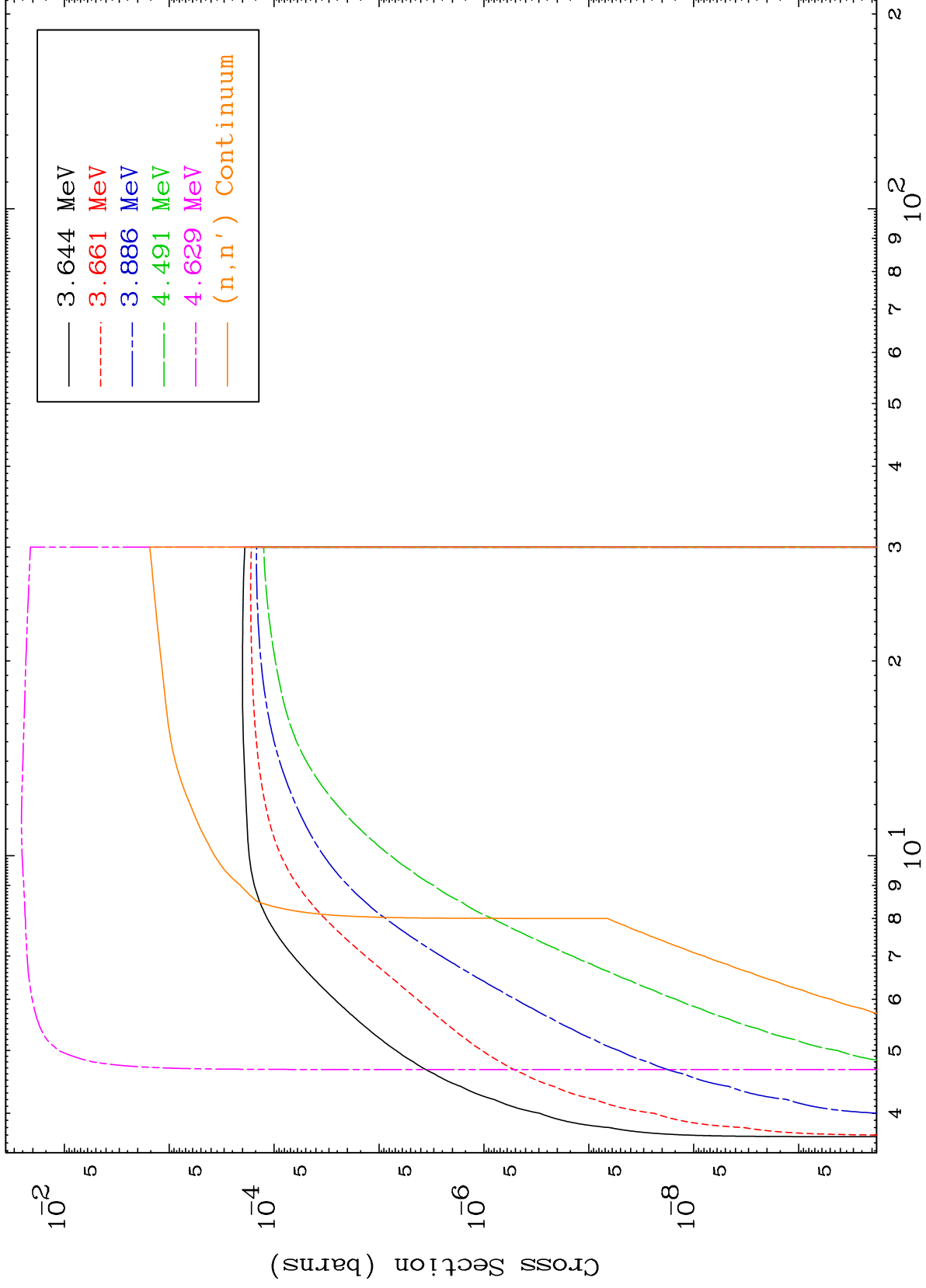
293 Kelvin Cross Sections



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Incident Energy (MeV)

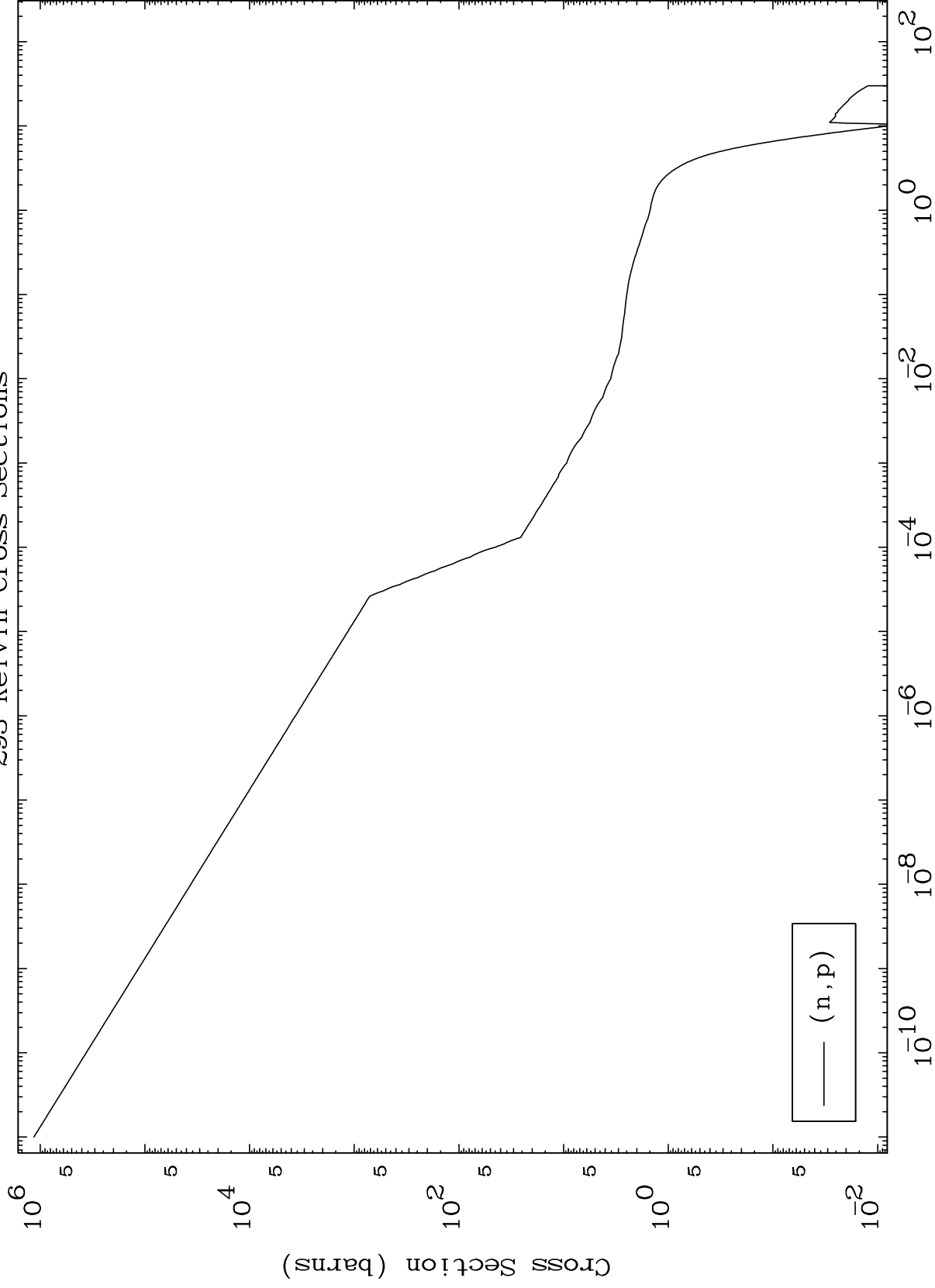
52-Te-108



MAT 5189

(n,p) Levels
293 Kelvin Cross Sections

52-Te-108



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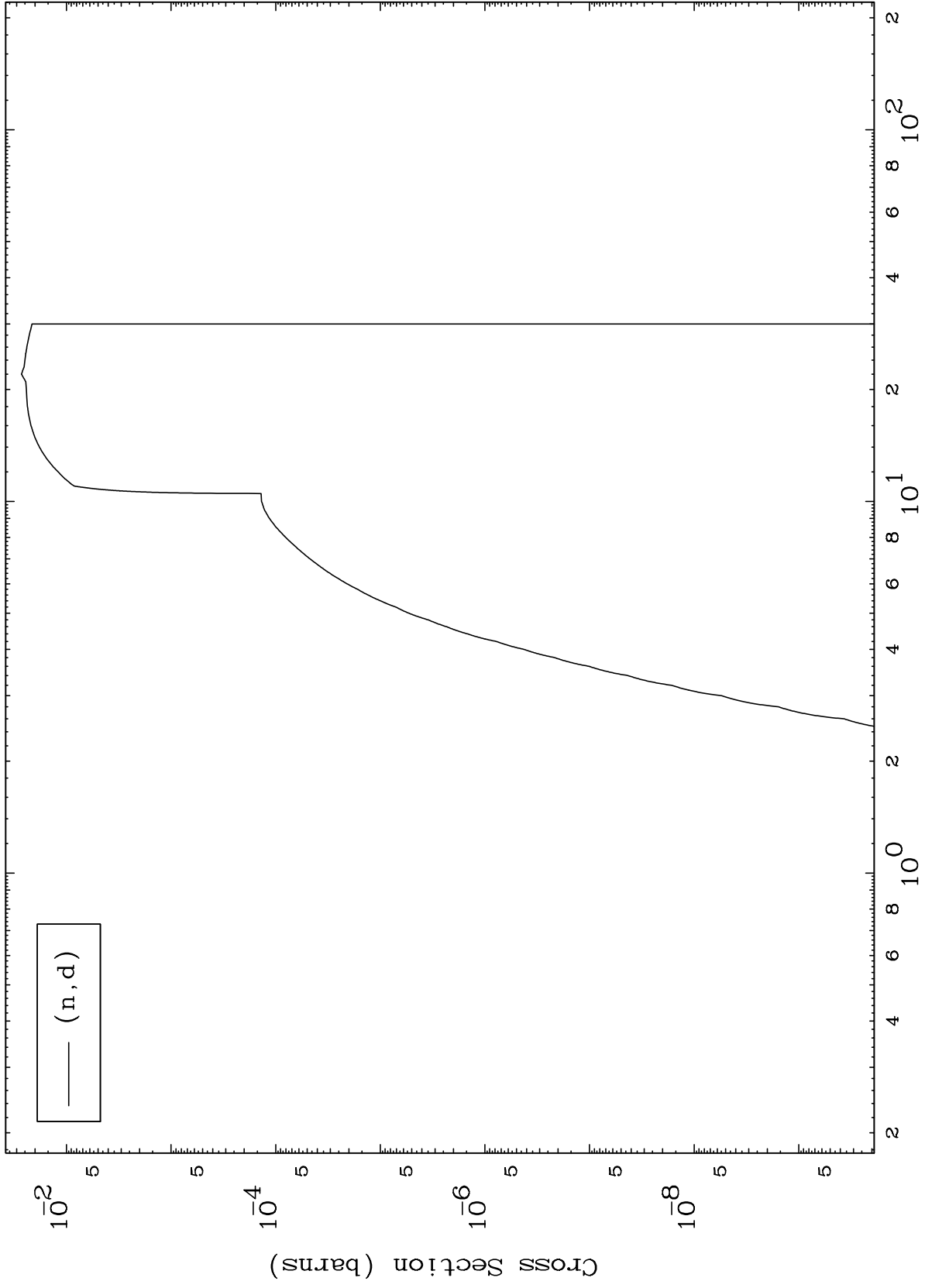
Incident Energy (MeV)

52-Te-108

MAT 5189

(n,d) Levels
293 Kelvin Cross Sections

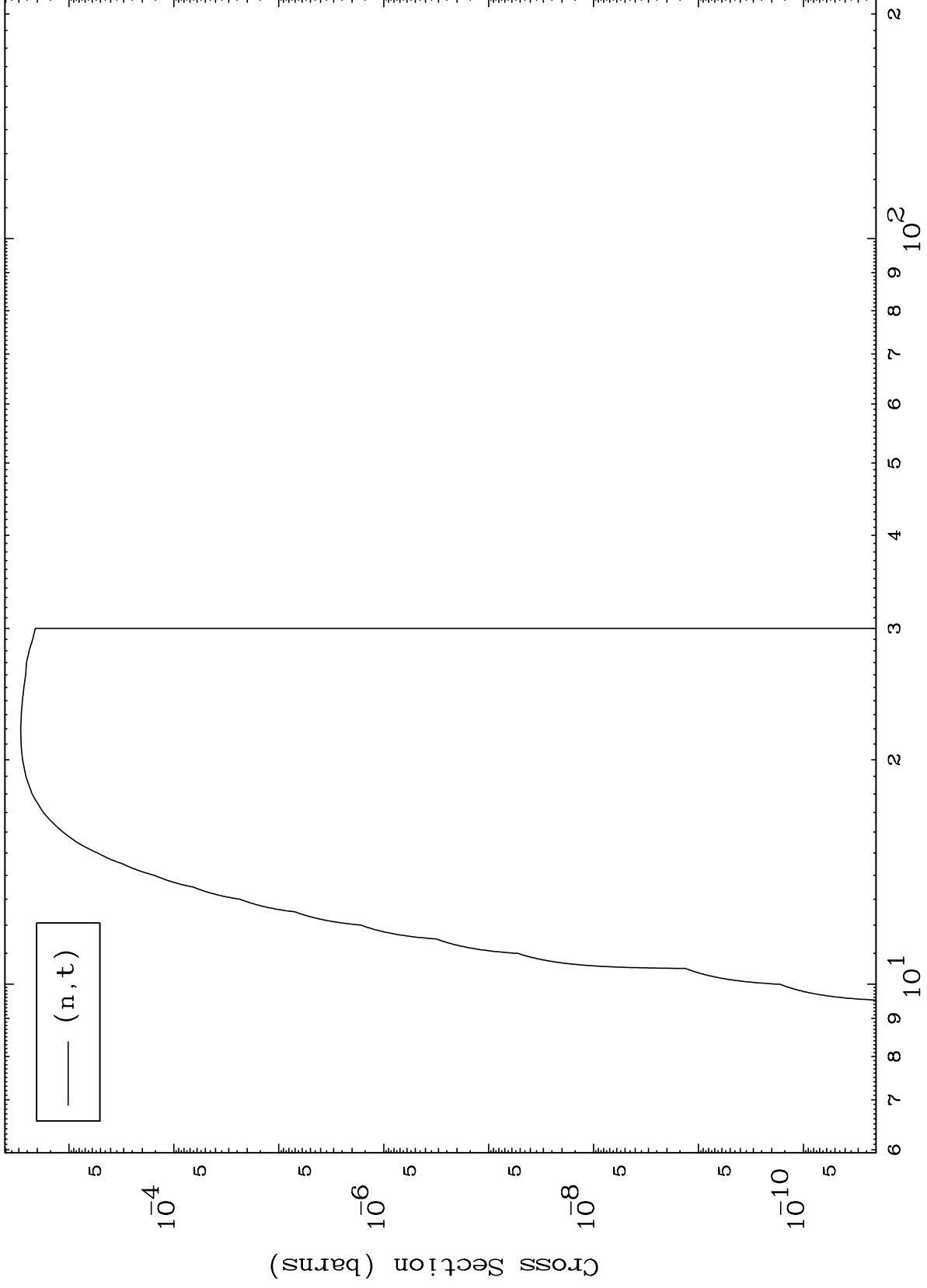
52-Te-108



MAT 5189

(n,t) Levels
293 Kelvin Cross Sections

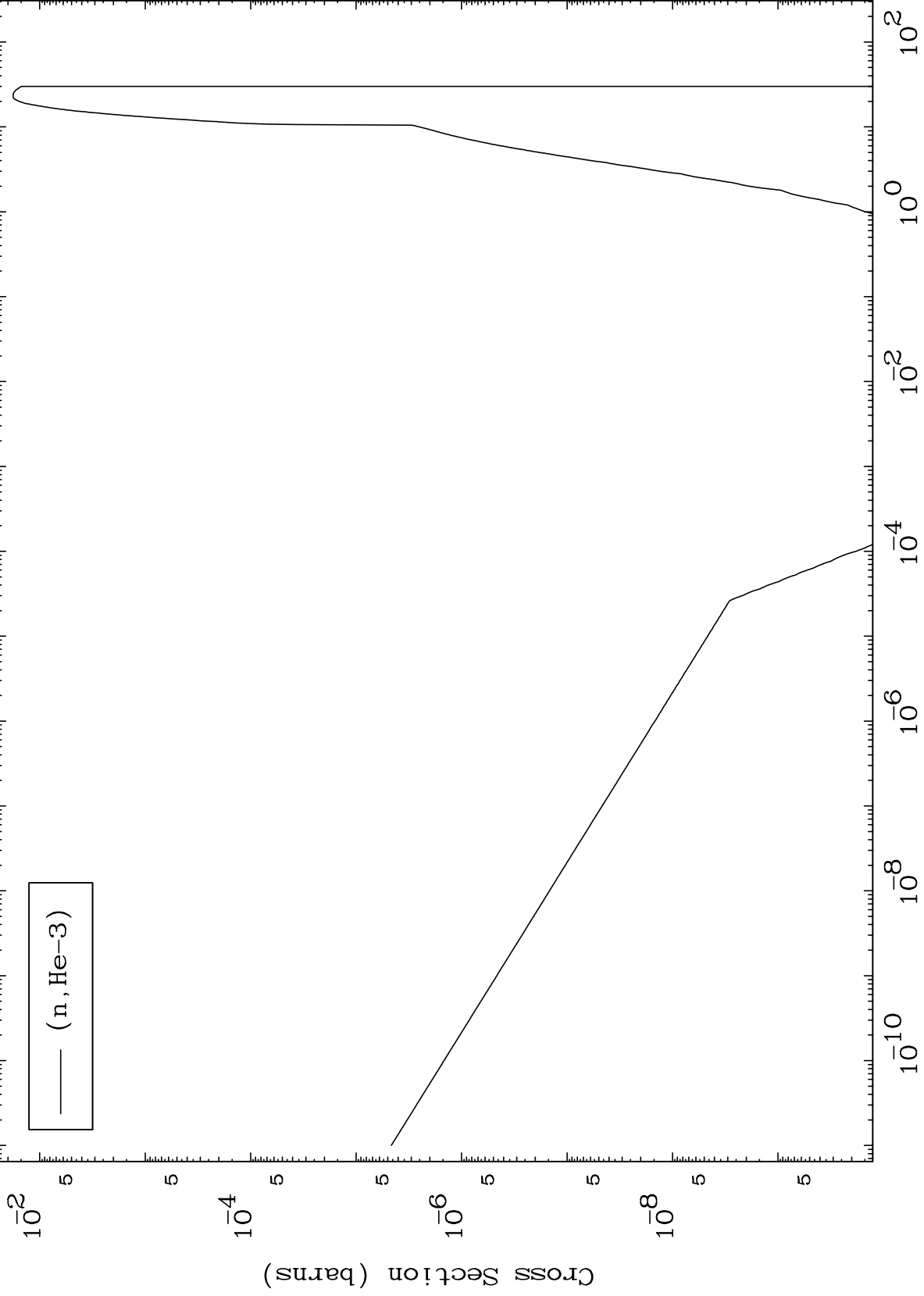
52-Te-108



MAT 5189

(n,He3) Levels
293 Kelvin Cross Sections

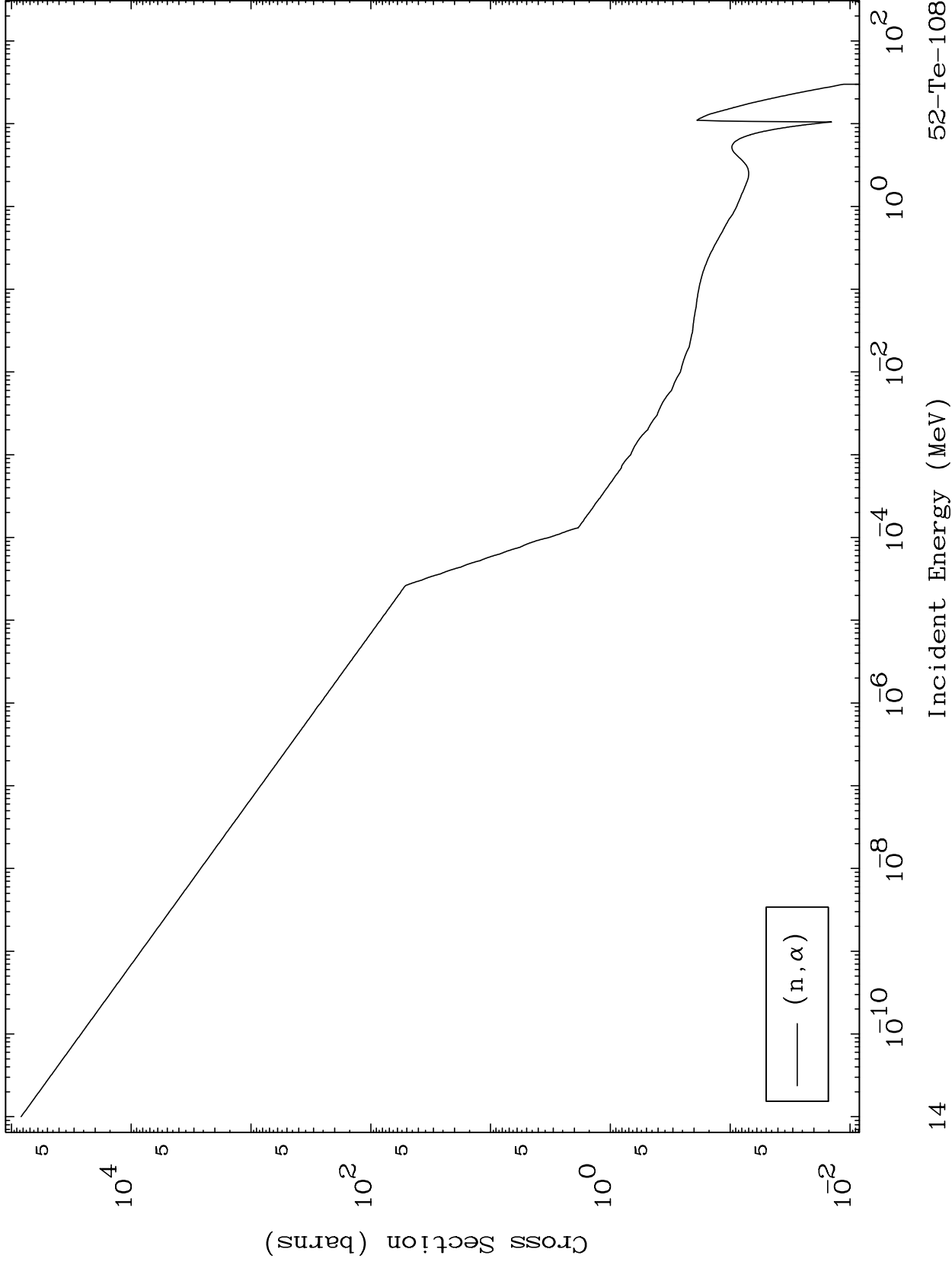
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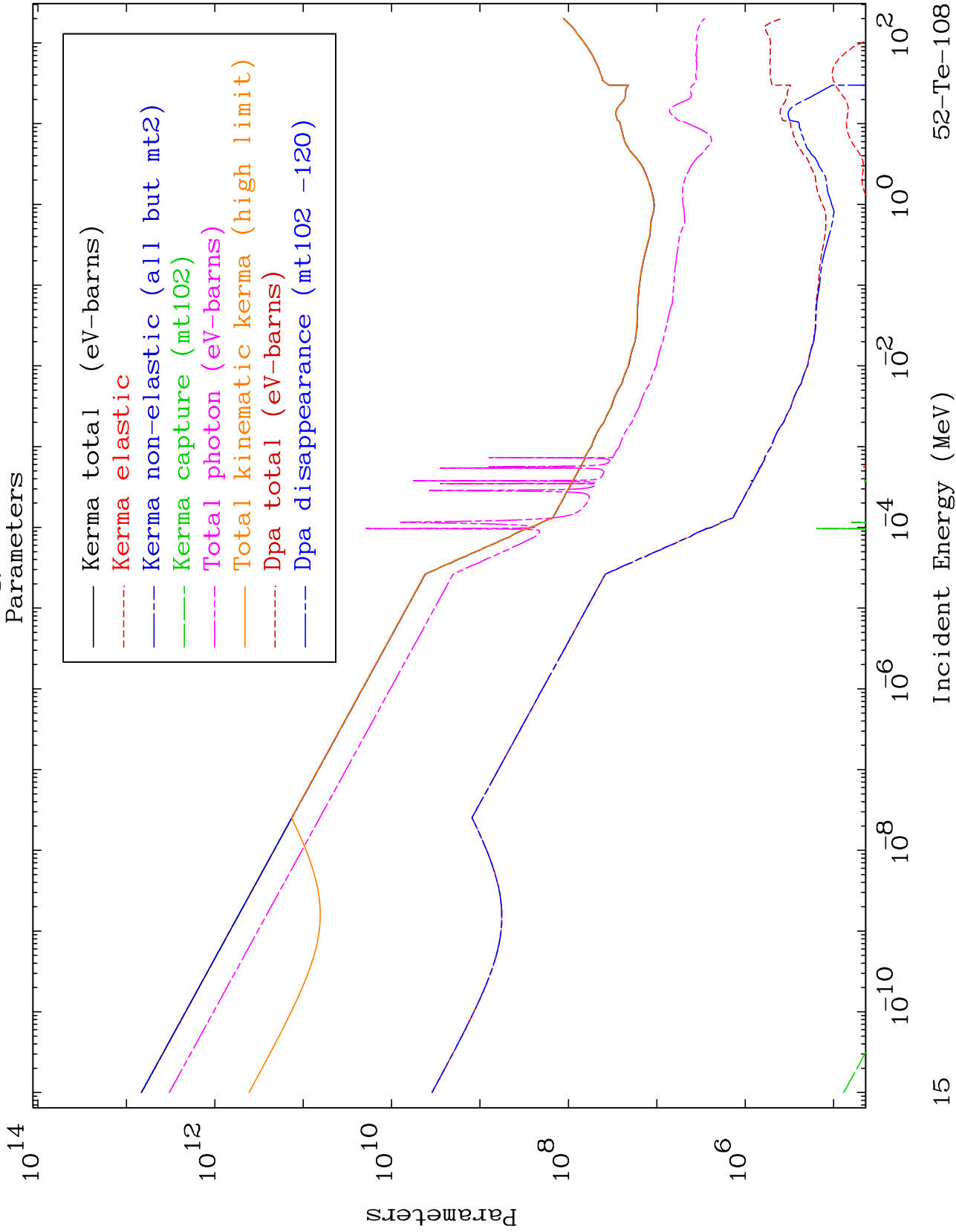


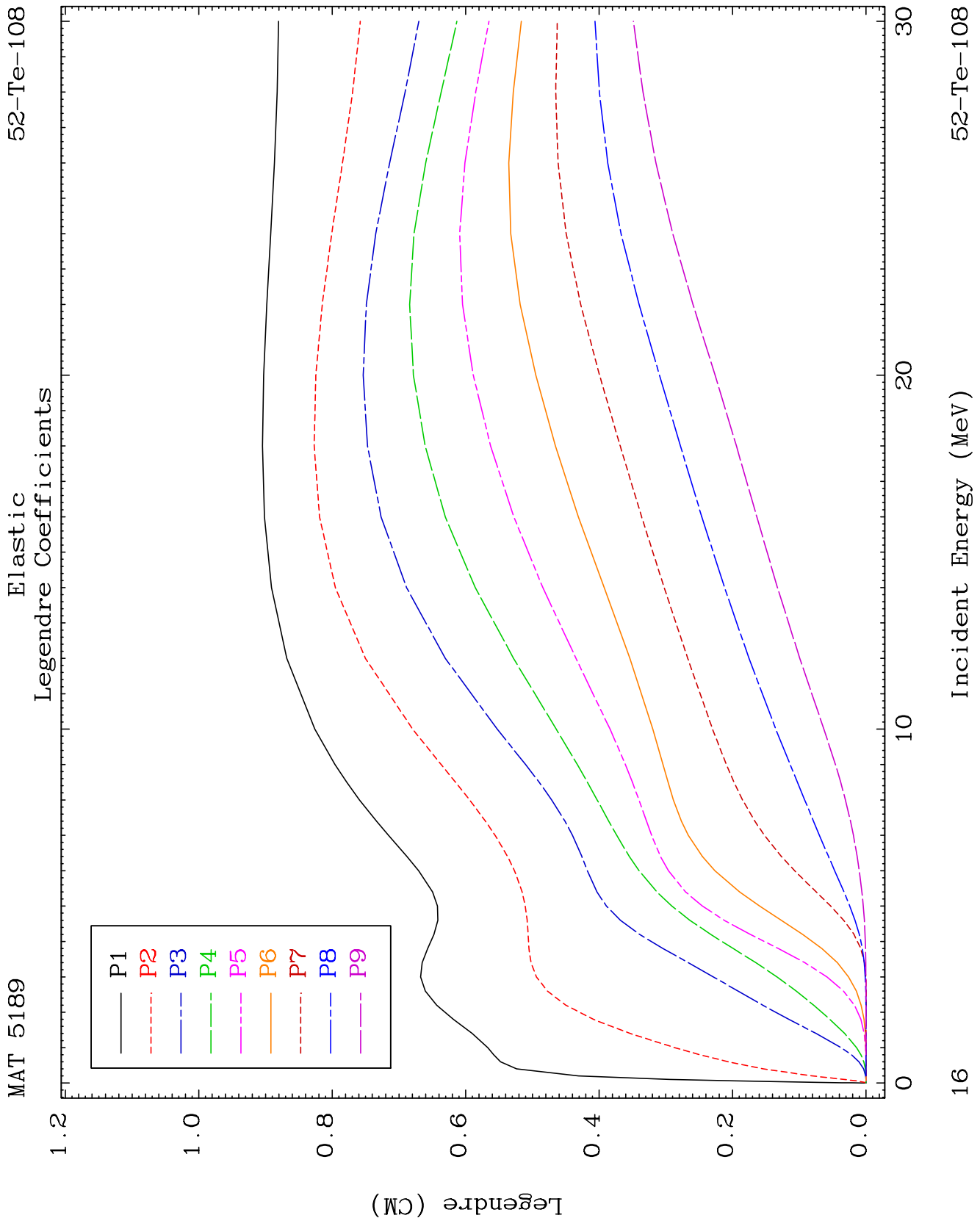
MAT 5189

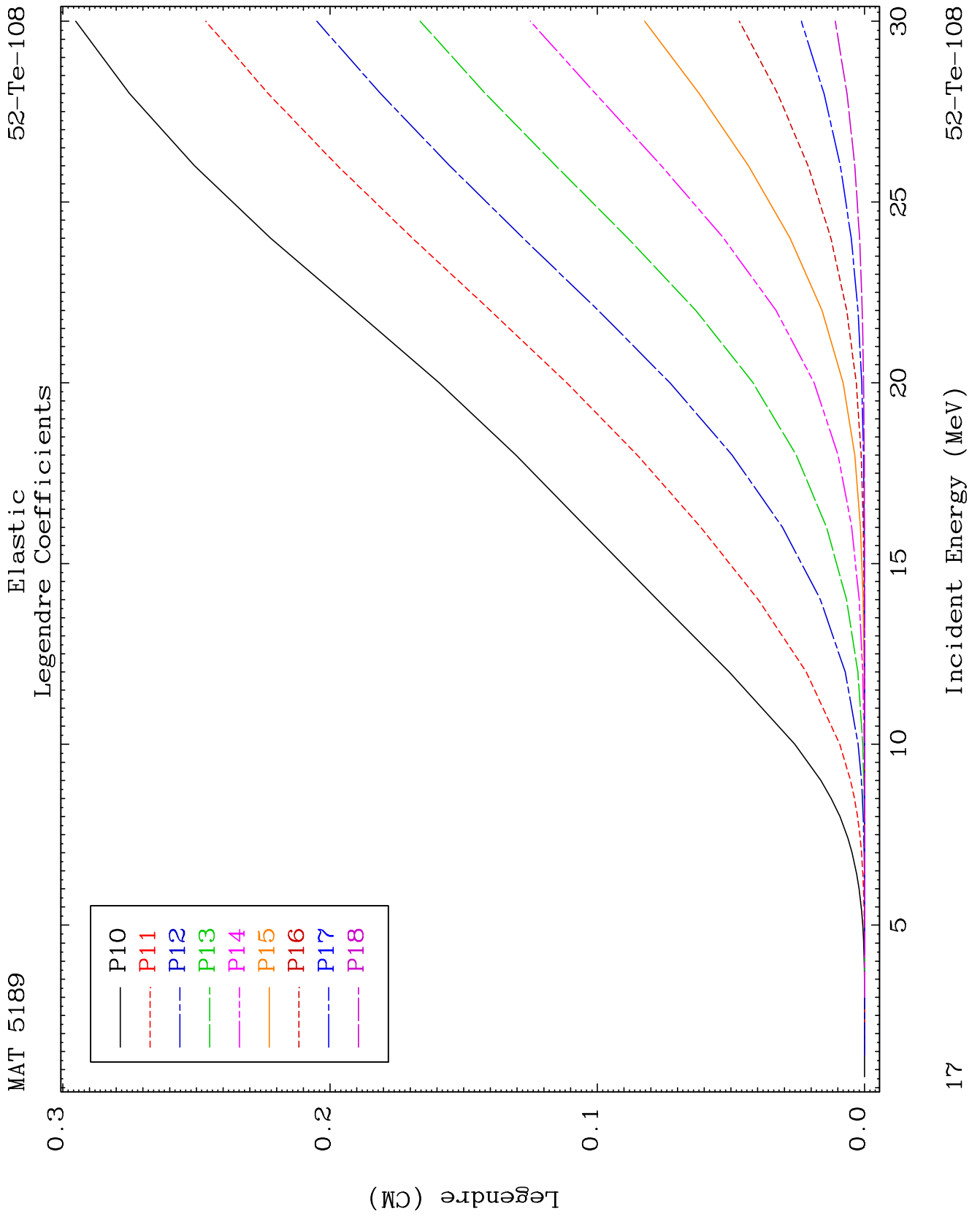
(n,α) Levels
293 Kelvin Cross Sections

52-Te-108





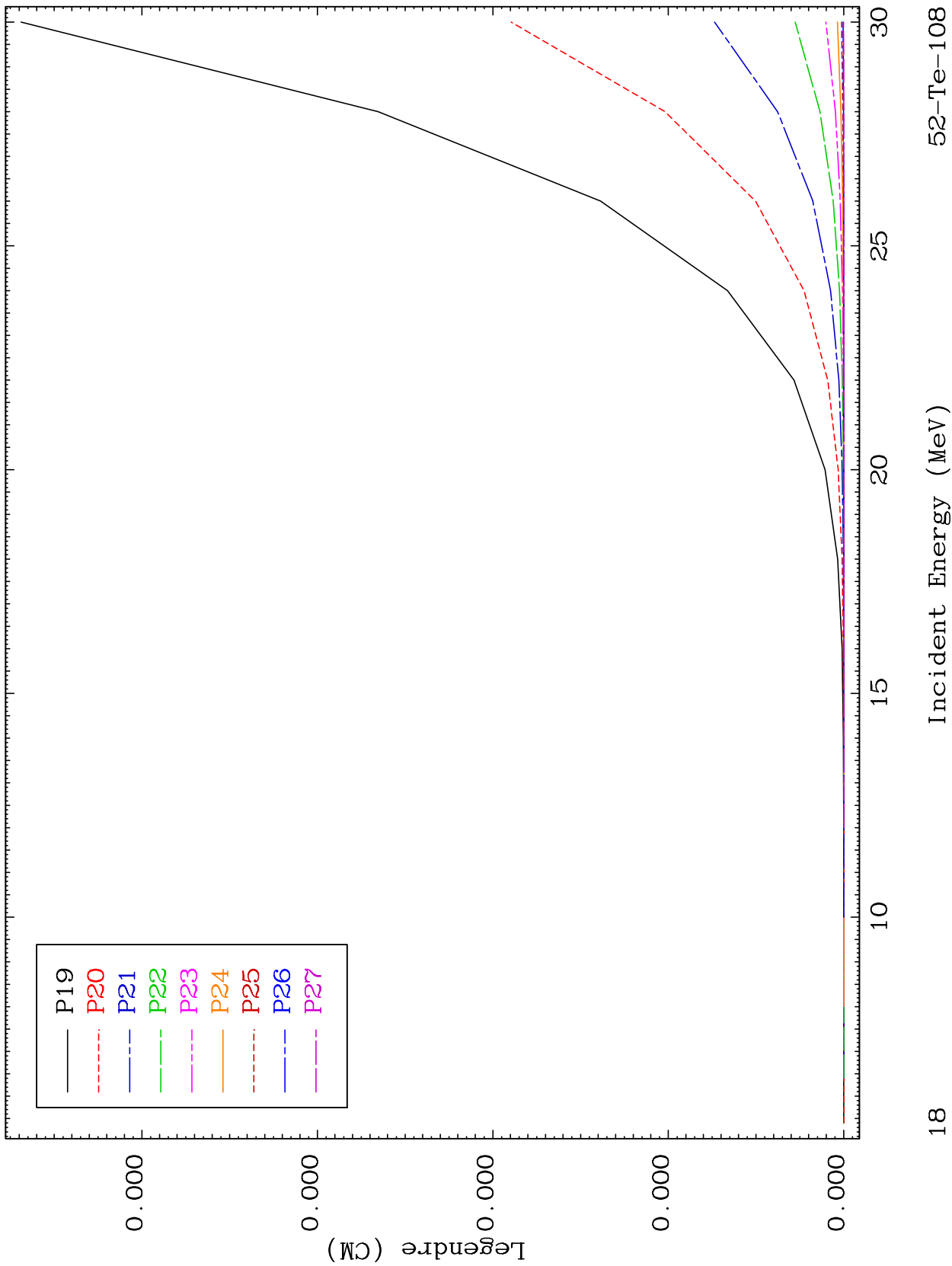




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Elastic Legendre Coefficients

52-Te-108



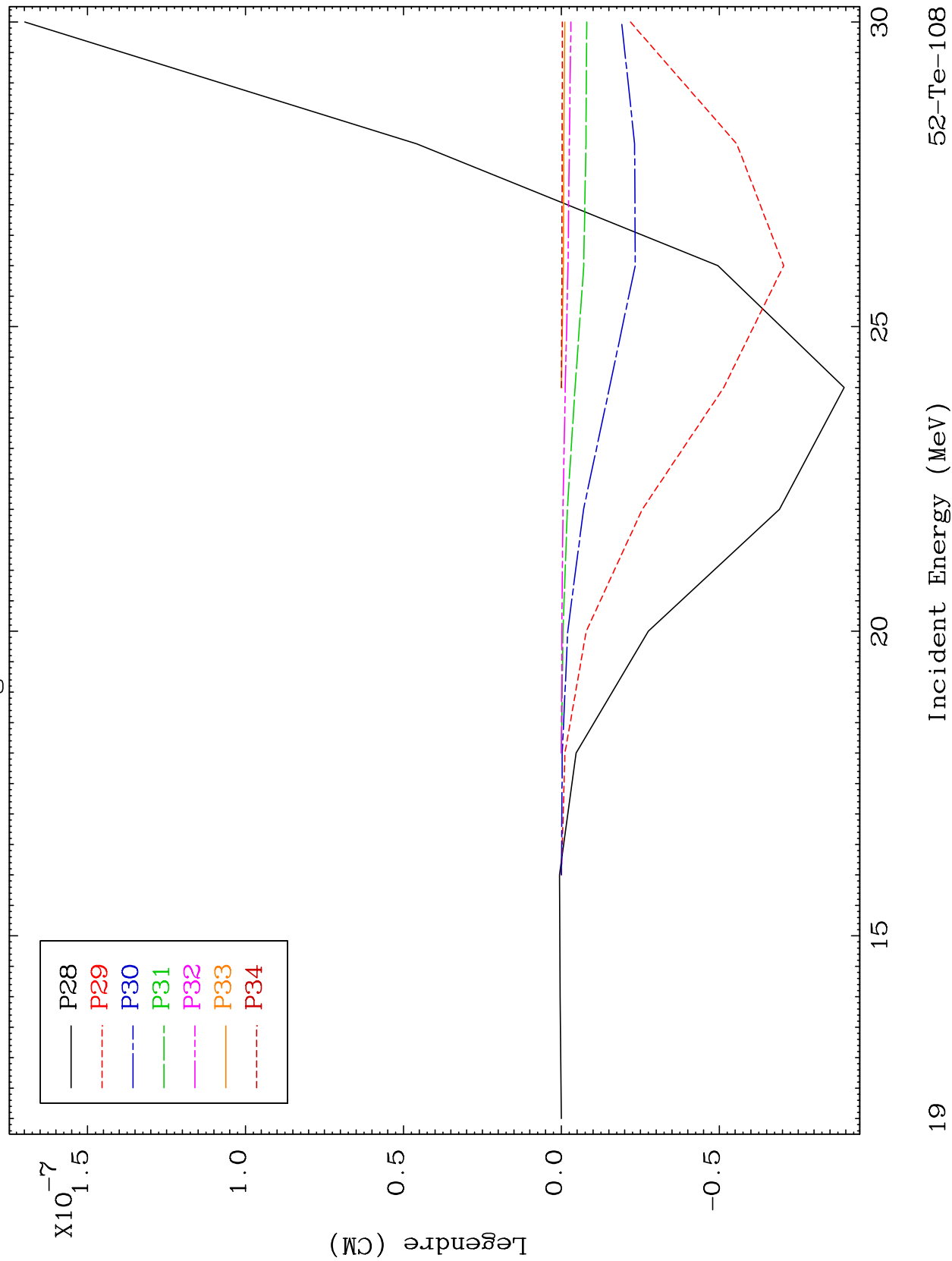
18

52-Te-108

MAT 5189

Elastic Legendre Coefficients

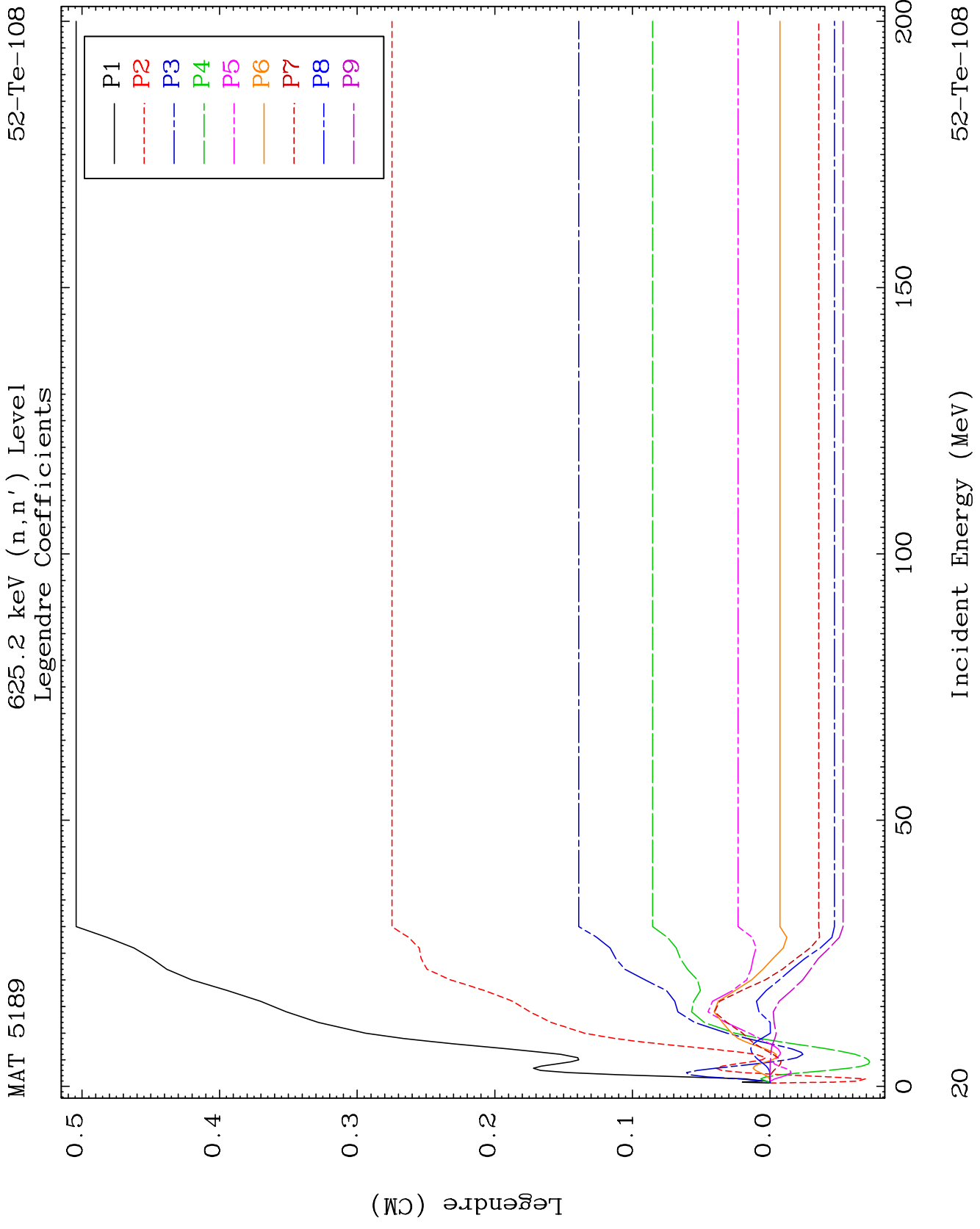
52-Te-108



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Incident Energy (MeV)

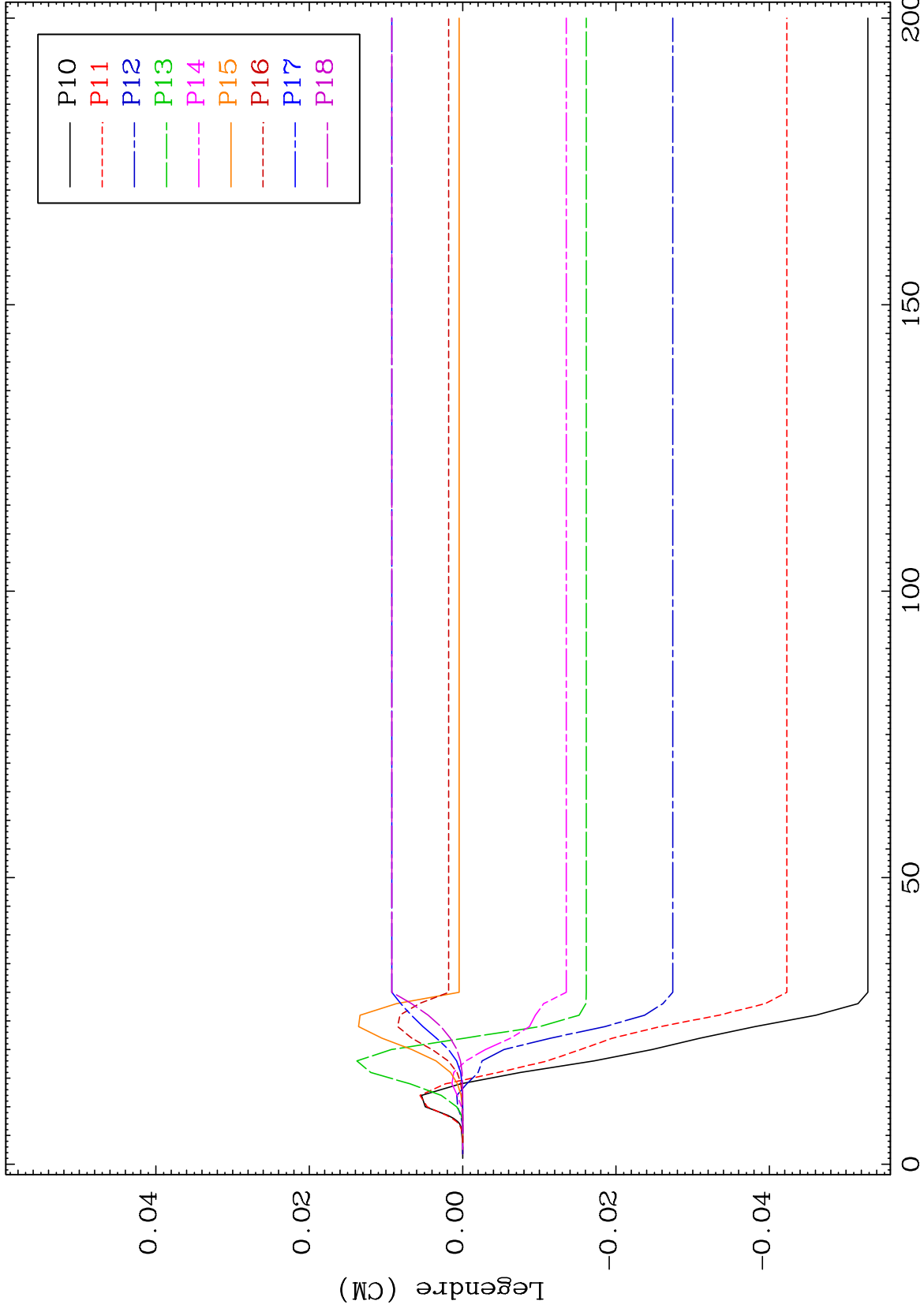
52-Te-108



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625.2 keV (n,n') Level
Legendre Coefficients

52-Te-108



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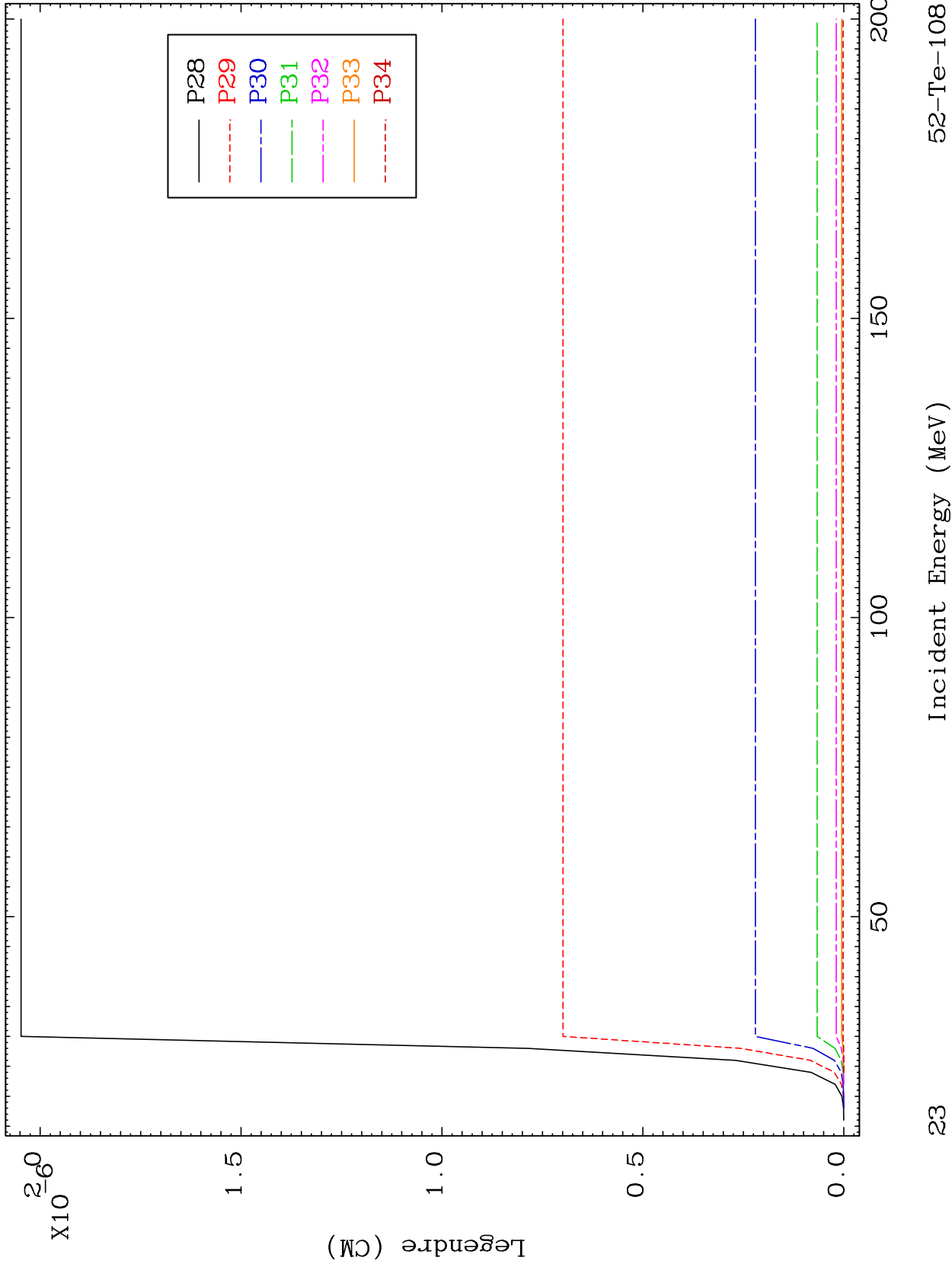
Incident Energy (MeV)

52-Te-108

MAT 5189

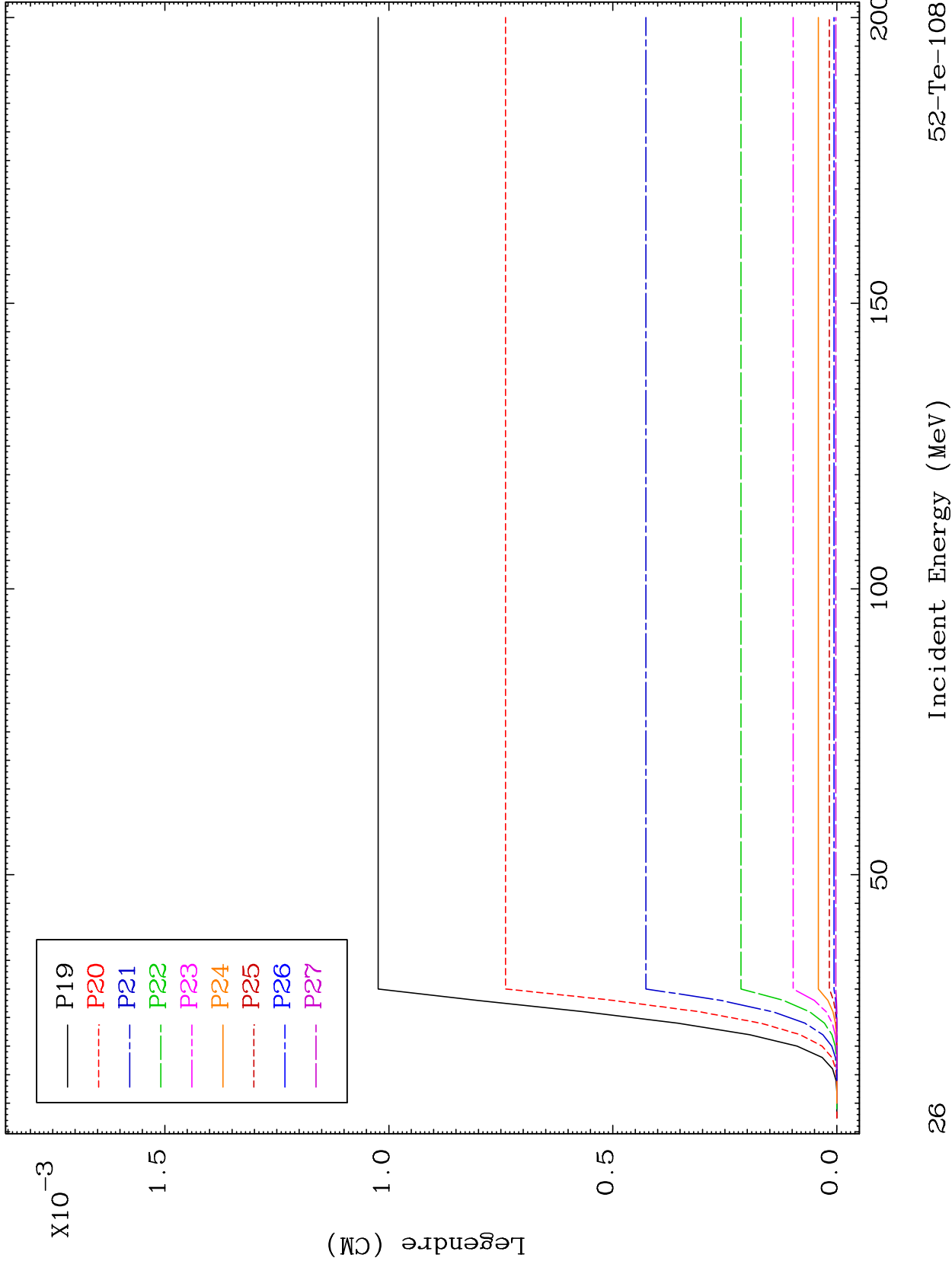
625.2 keV (n,n') Level
Legendre Coefficients

52-Te-108



23

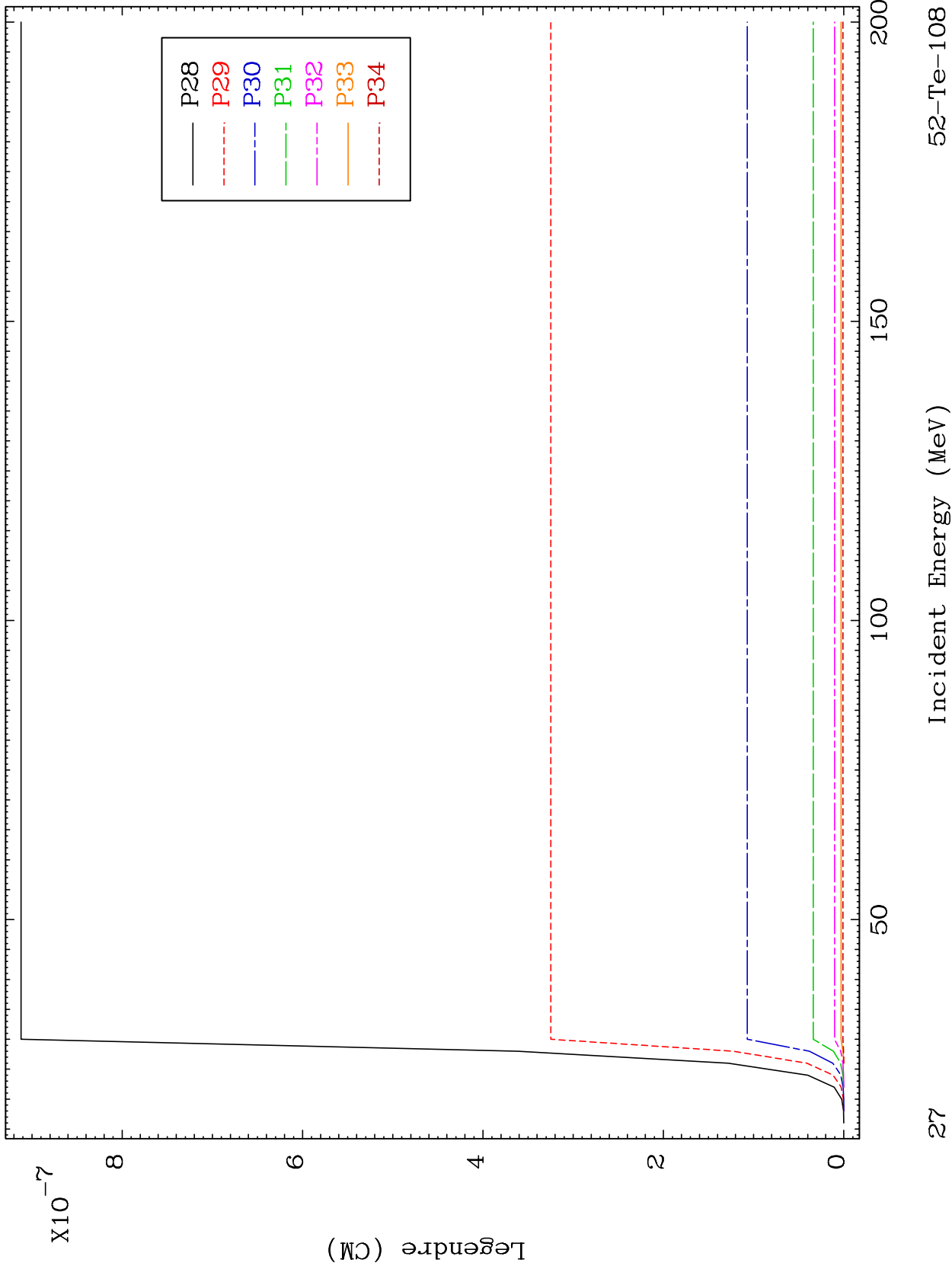
52-Te-108



MAT 5189

1.289 MeV (n,n') Level
Legendre Coefficients

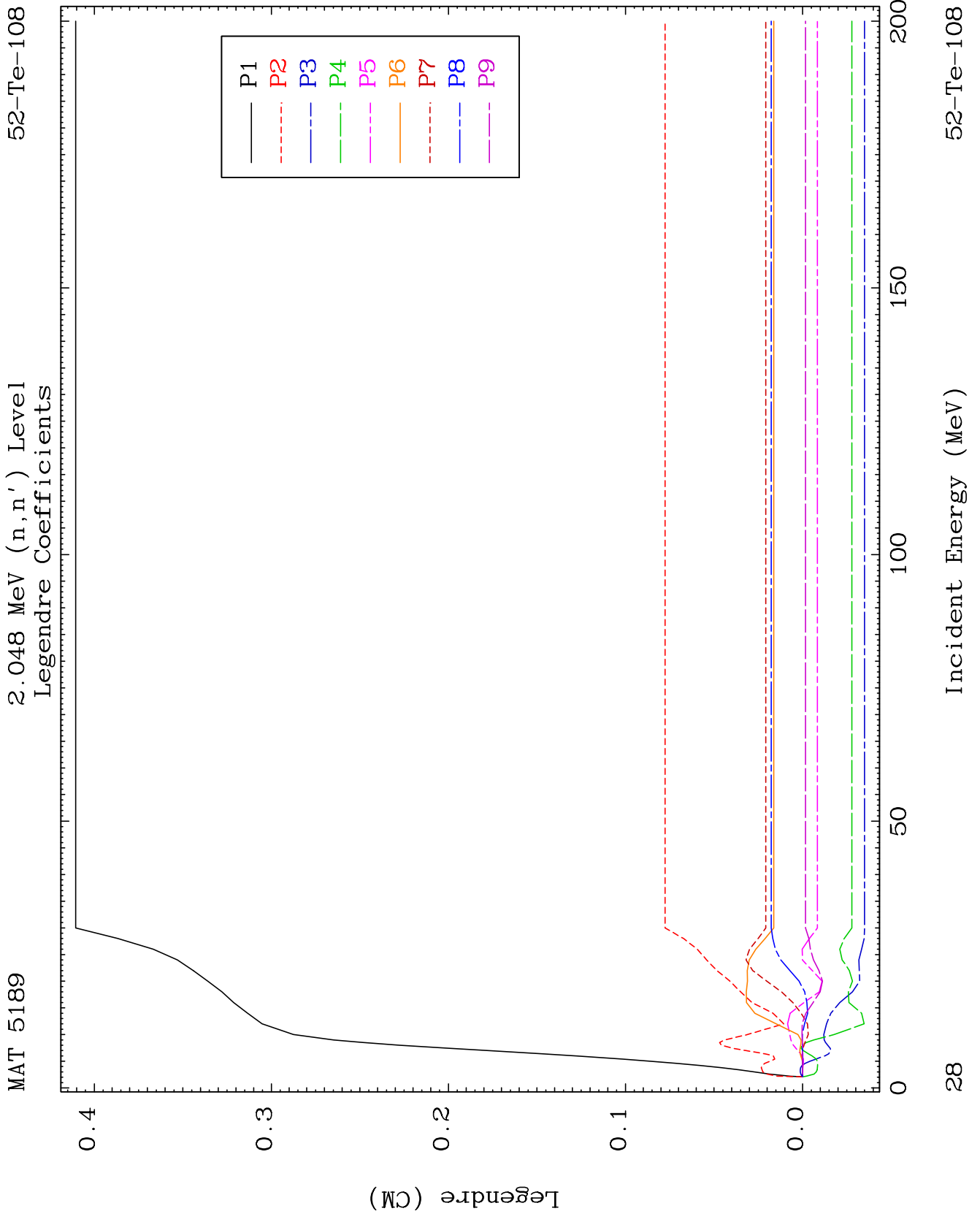
52-Te-108



27

Incident Energy (MeV)

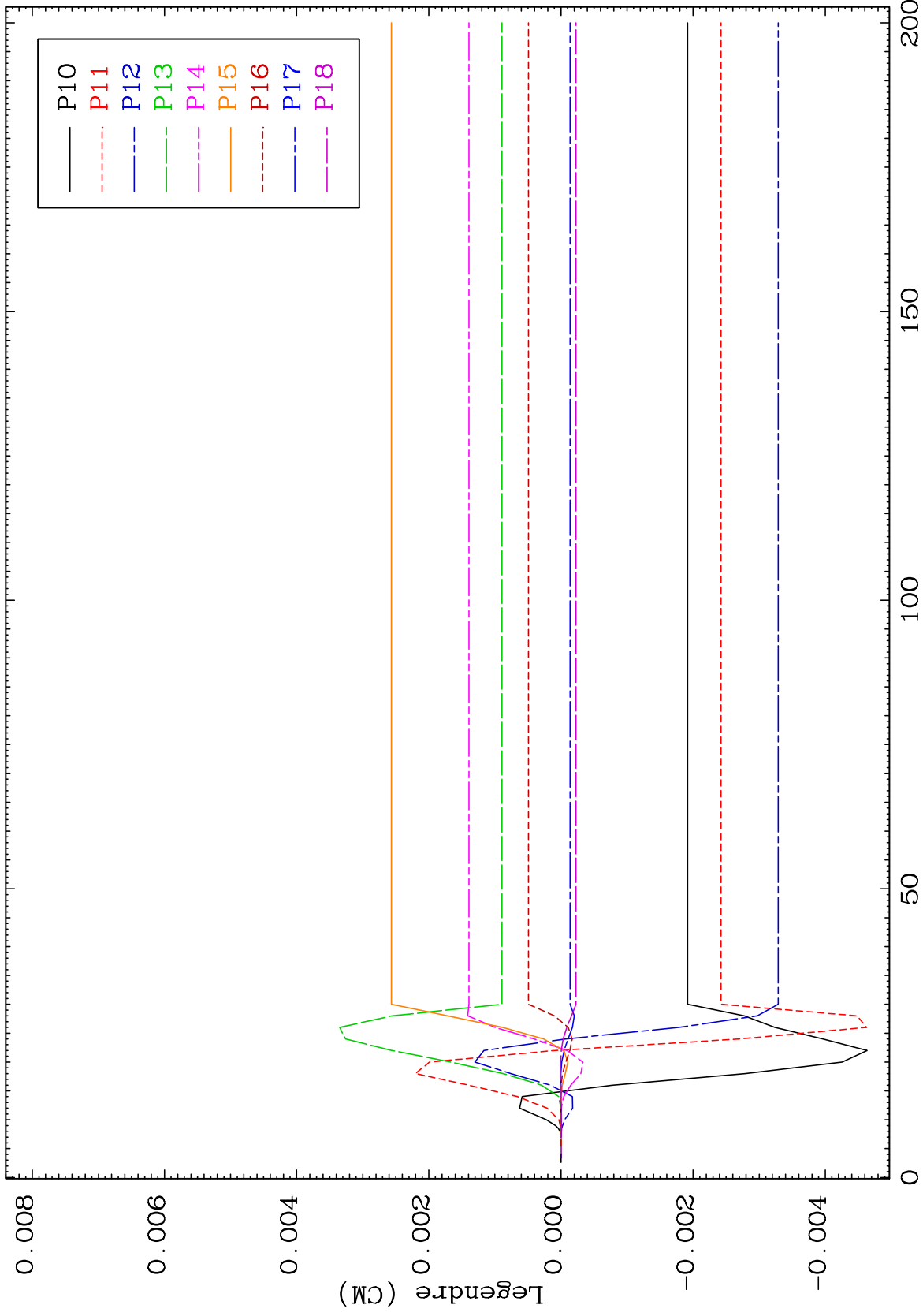
52-Te-108



MAT 5189

2.048 MeV (n,n') Level
Legendre Coefficients

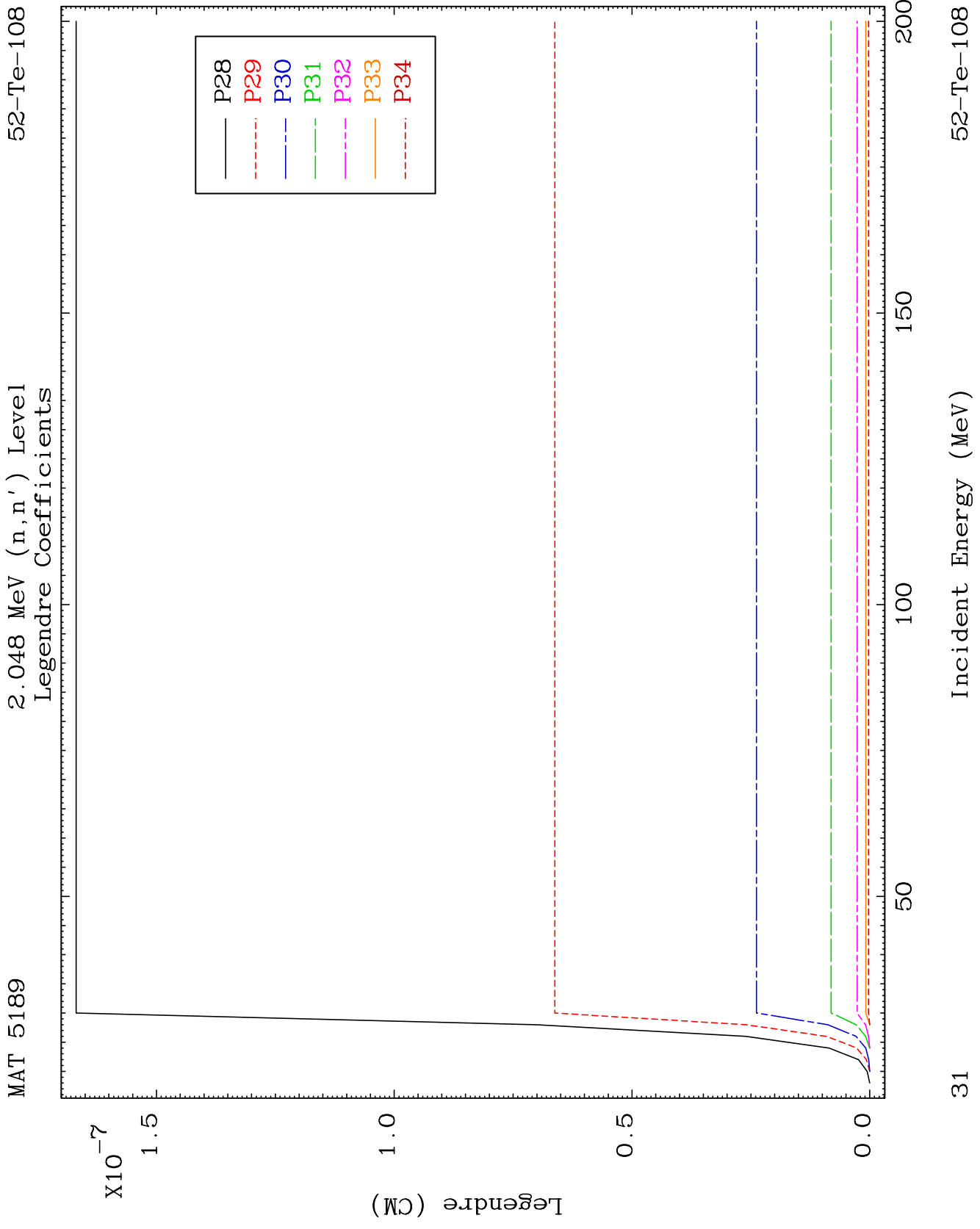
52-Te-108



29

Incident Energy (MeV)

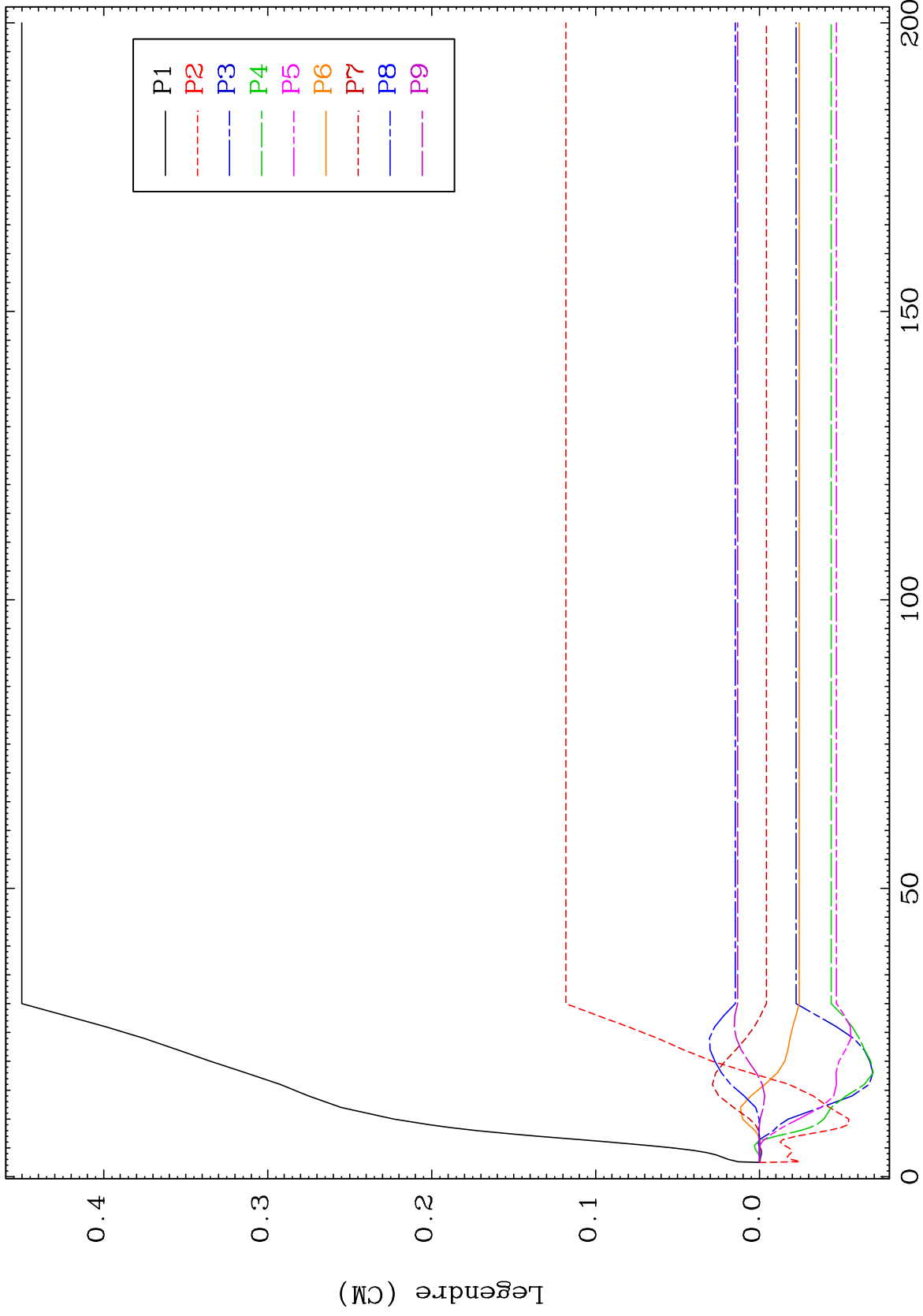
52-Te-108



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2.443 MeV (n,n') Level
Legendre Coefficients

52-Te-108



32

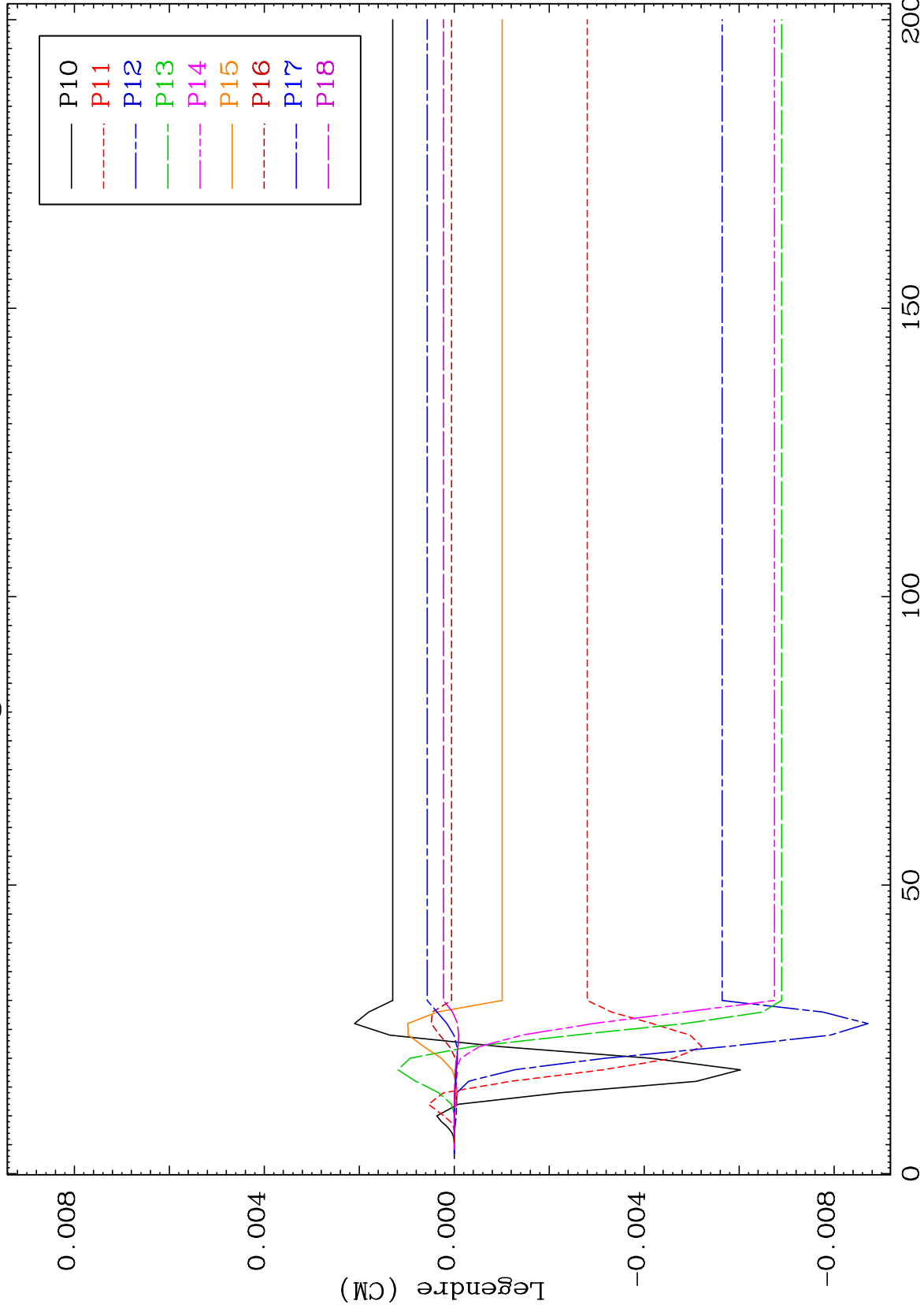
Incident Energy (MeV)

52-Te-108

MAT 5189

2.443 MeV (n,n') Level
Legendre Coefficients

52-Te-108



33

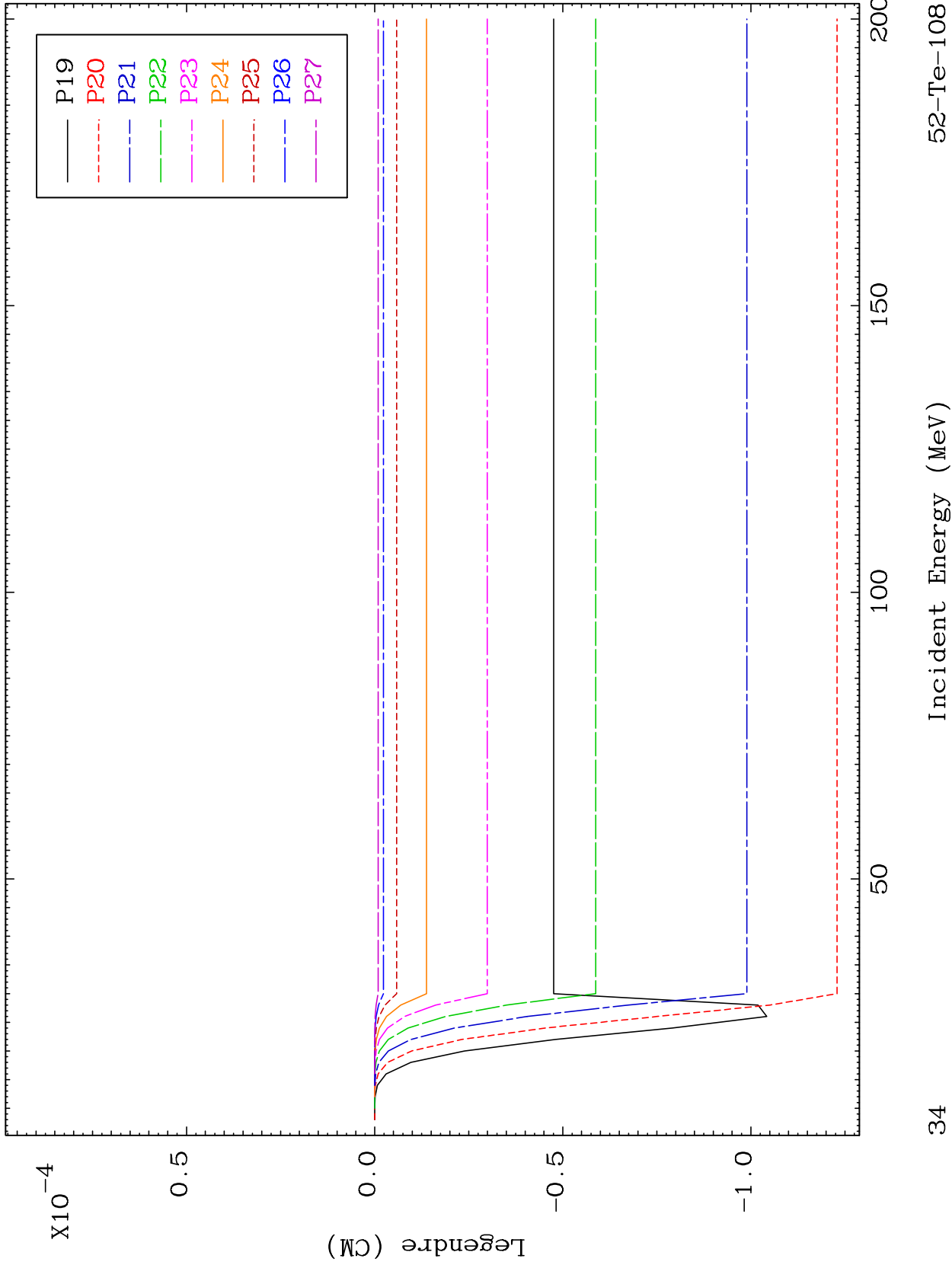
Incident Energy (MeV)

52-Te-108

MAT 5189

2.443 MeV (n,n') Level
Legendre Coefficients

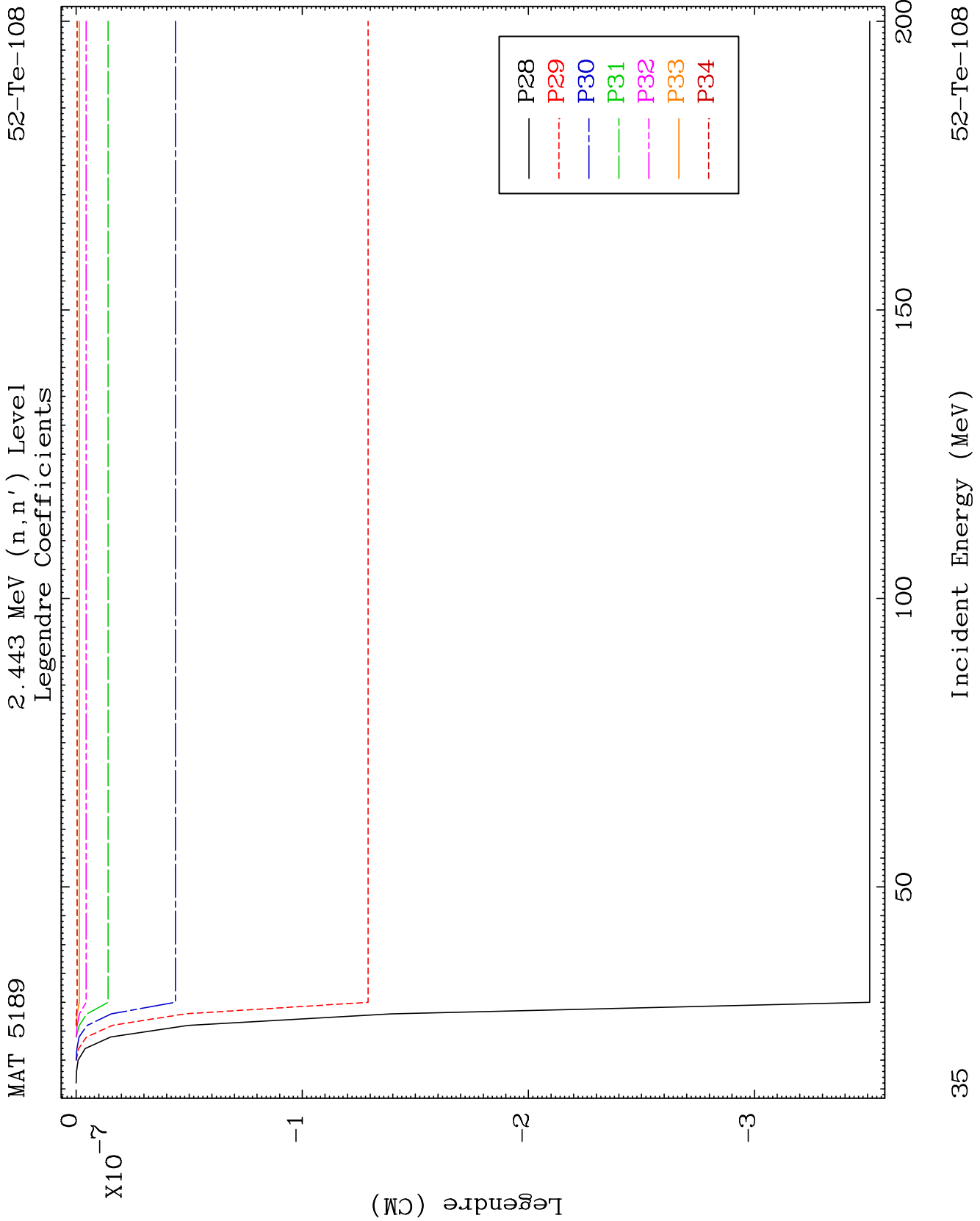
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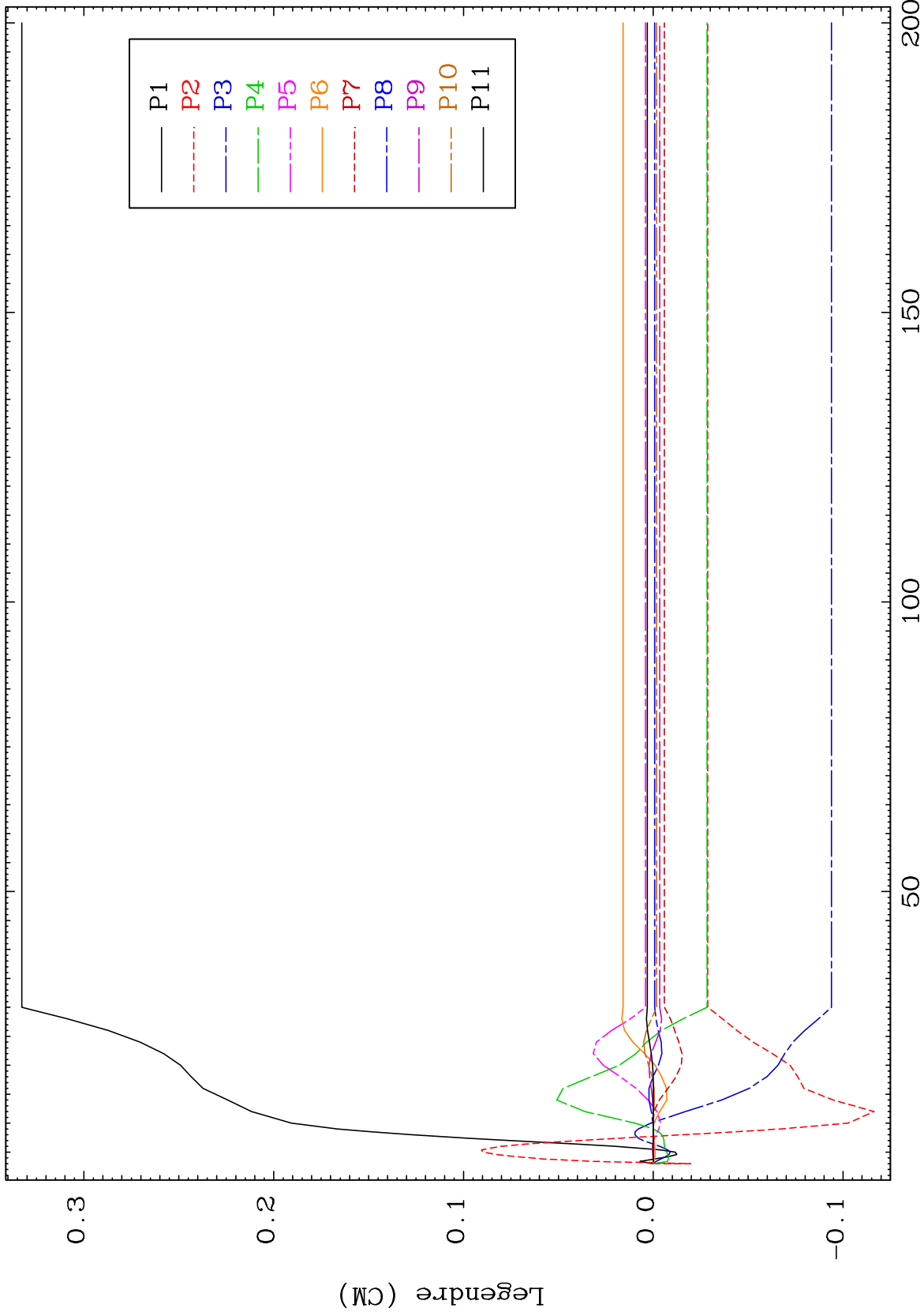


34

Incident Energy (MeV)

52-Te-108

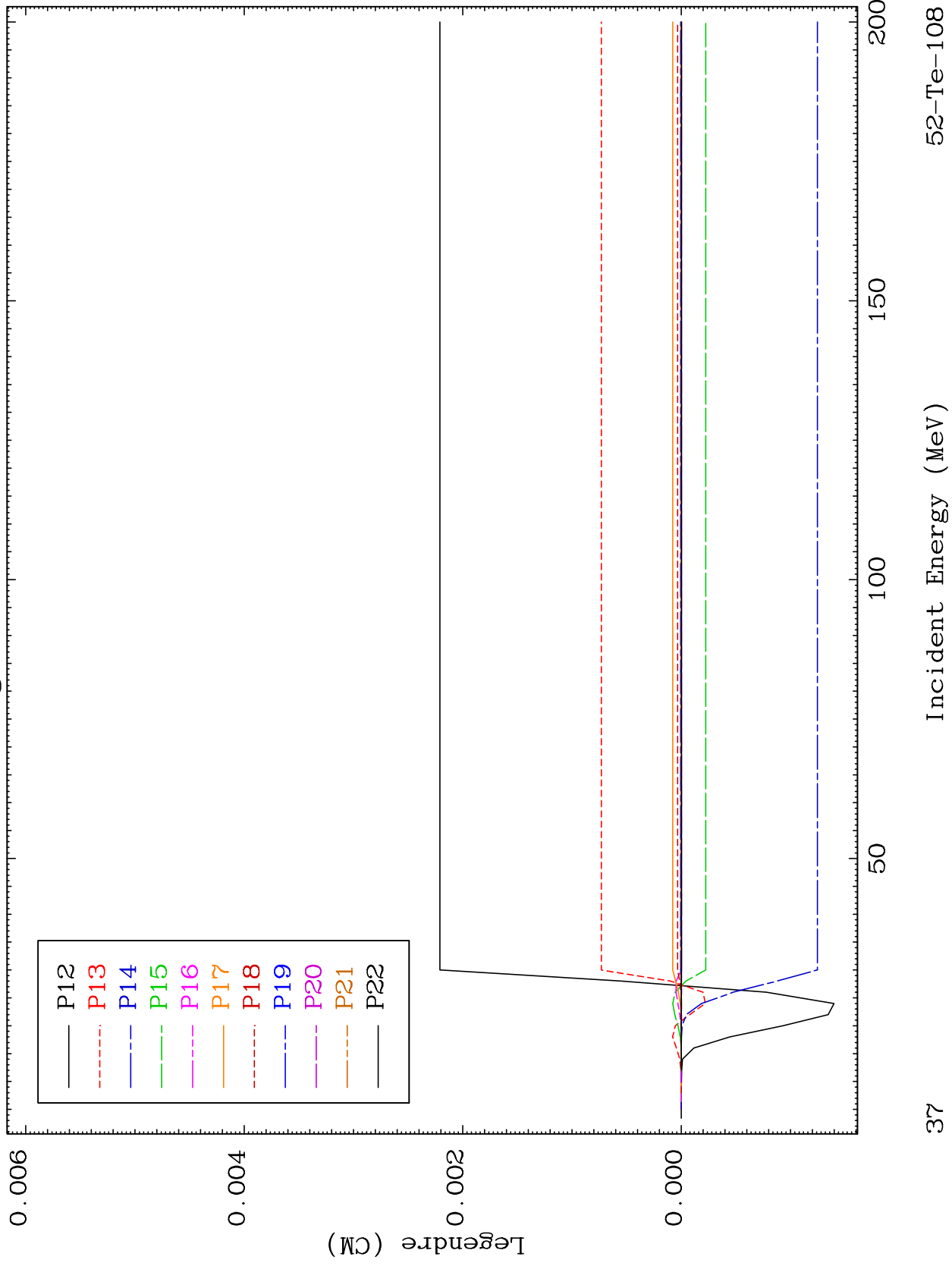




MAT 5189

2.945 MeV (n,n') Level
Legendre Coefficients

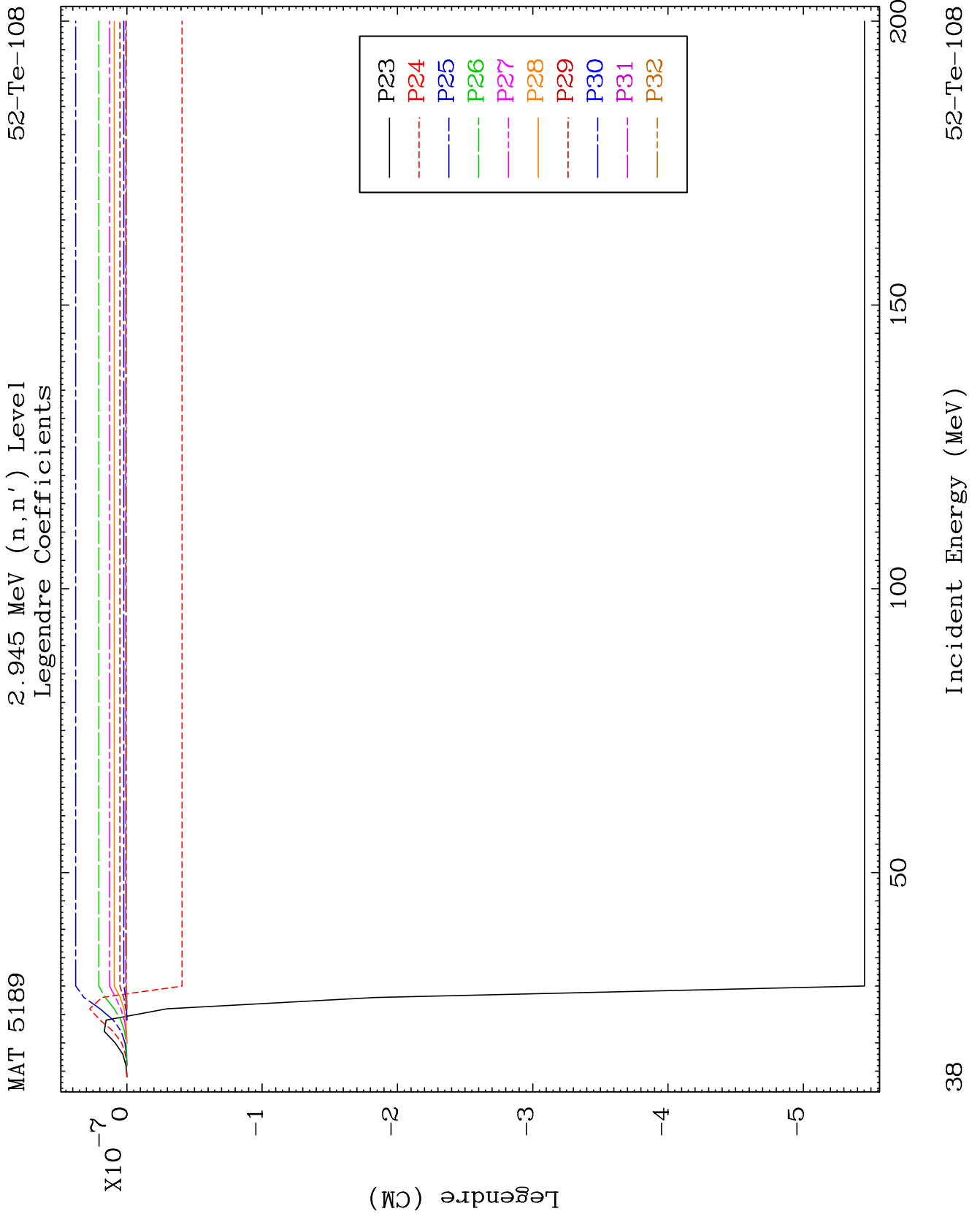
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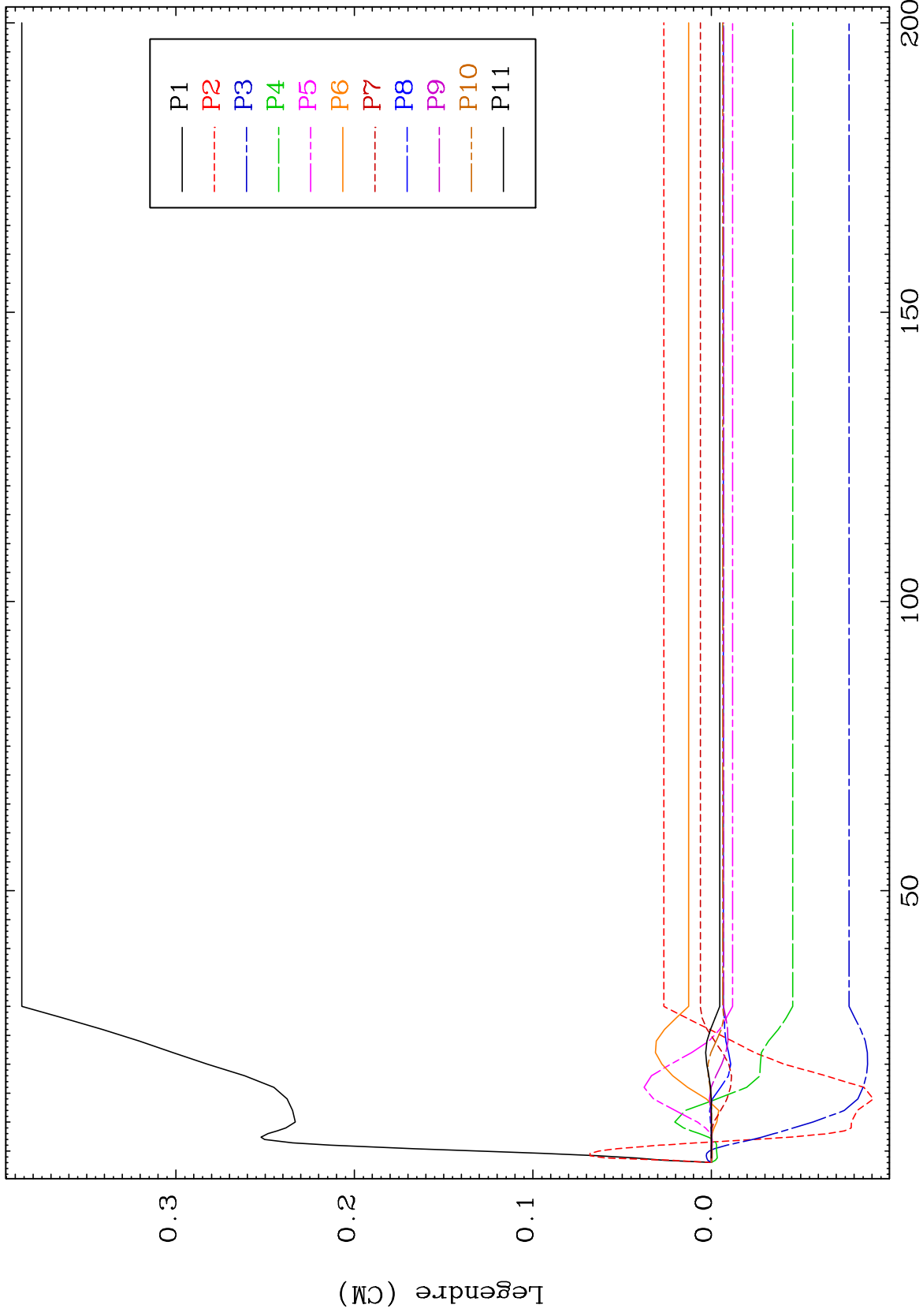


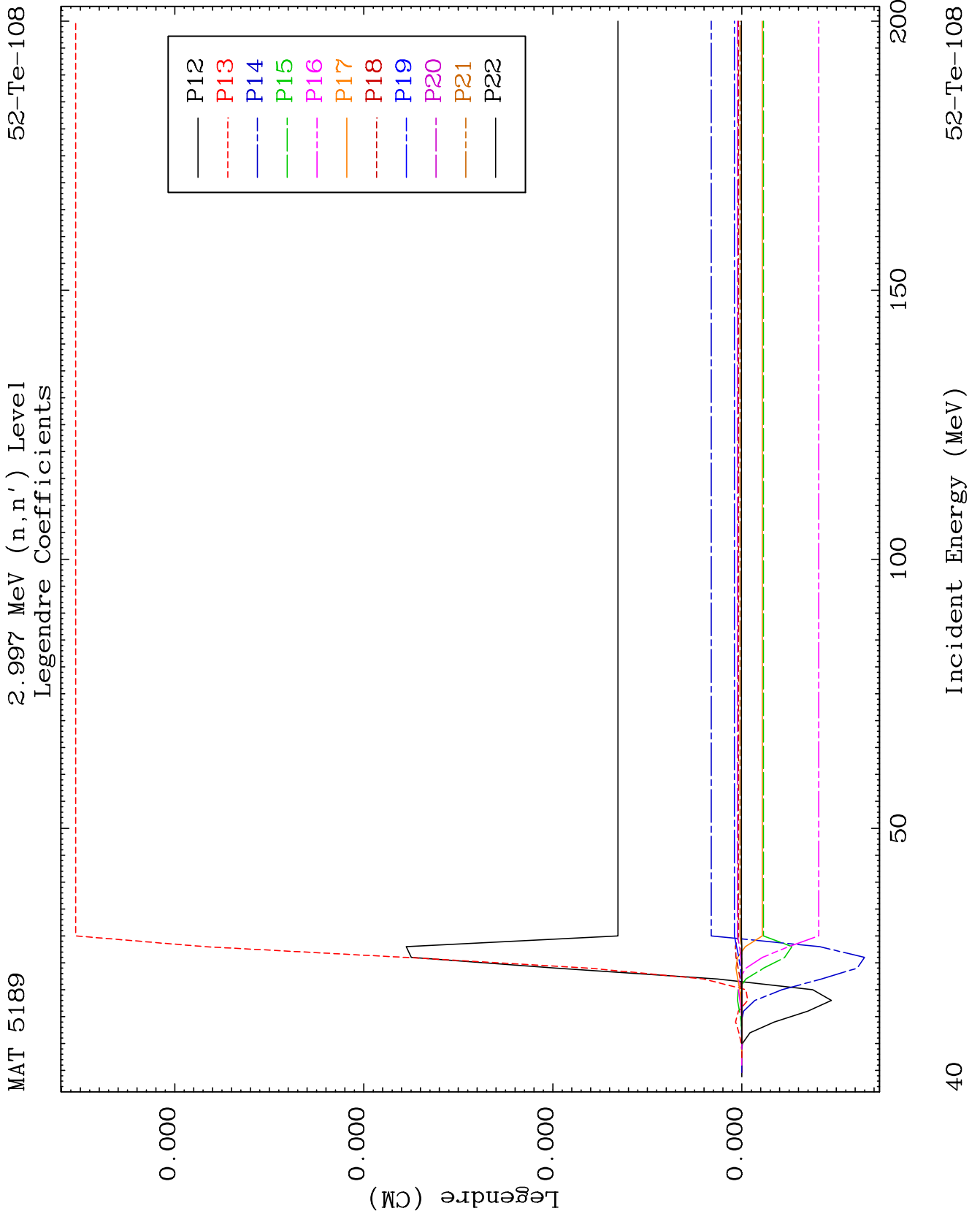
37

Incident Energy (MeV)

52-Te-108



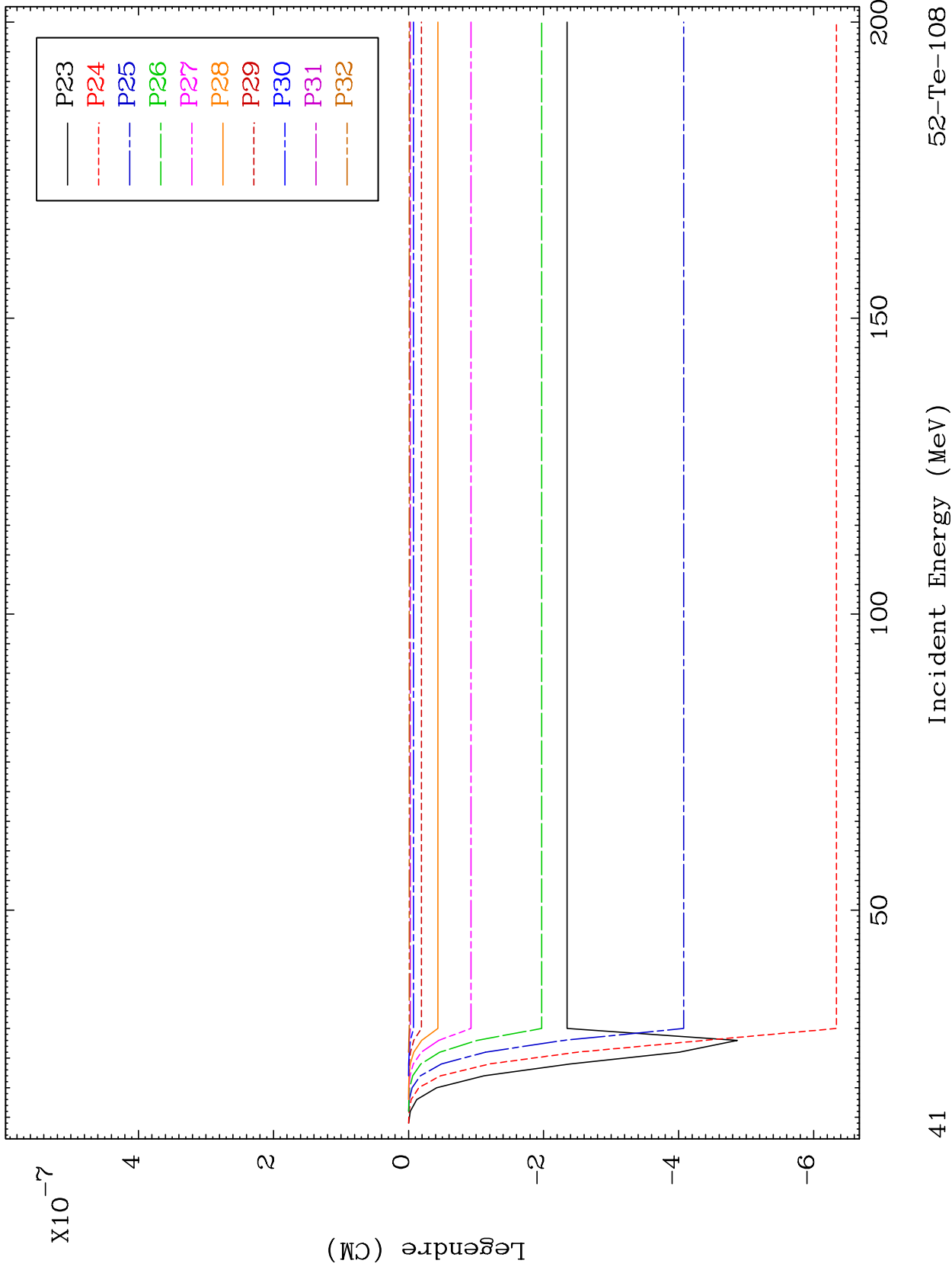




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2.997 MeV (n,n') Level
Legendre Coefficients

52-Te-108



41

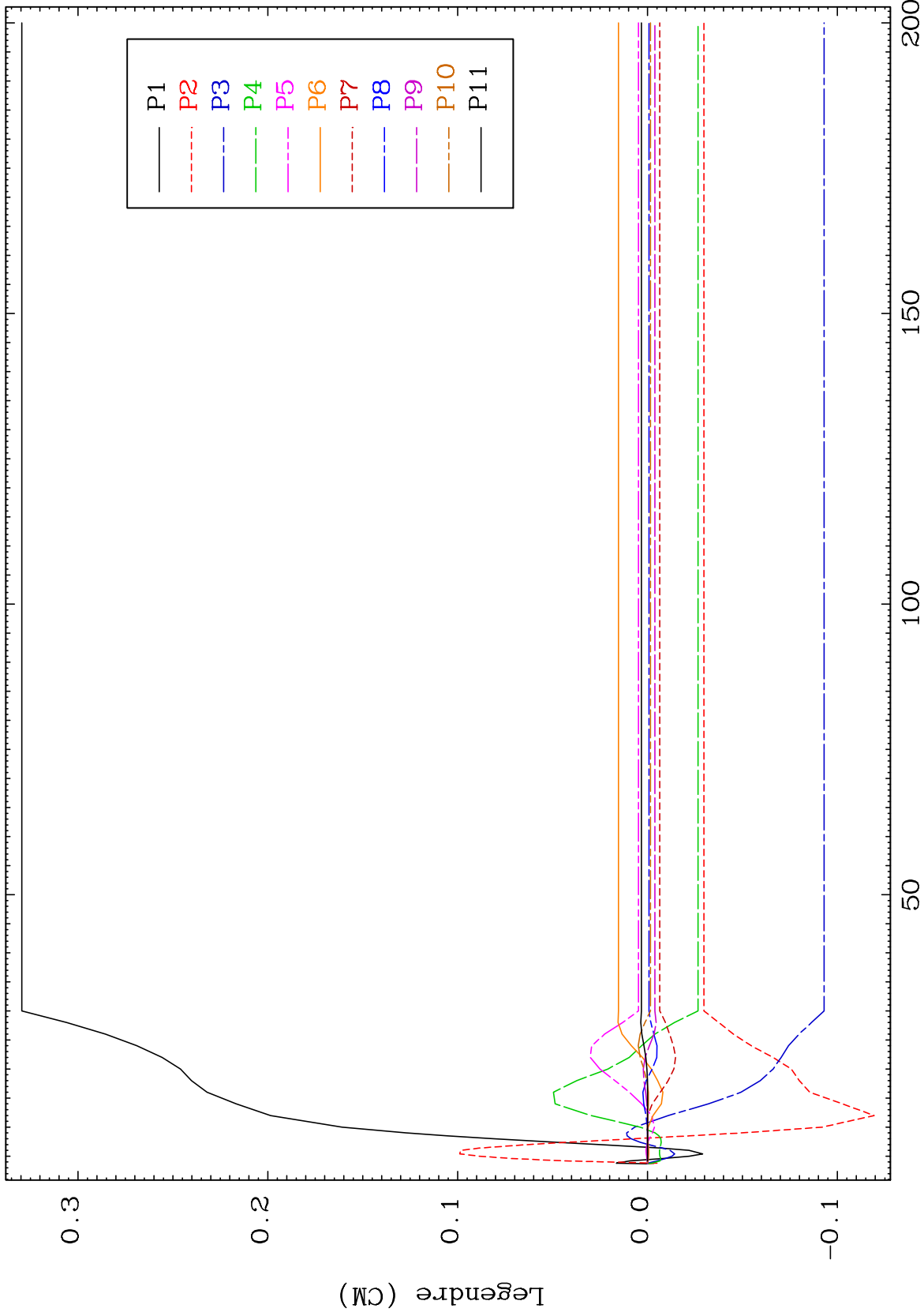
Incident Energy (MeV)

52-Te-108

MAT 5189

3.644 MeV (n, n') Level
Legendre Coefficients

52-Te-108



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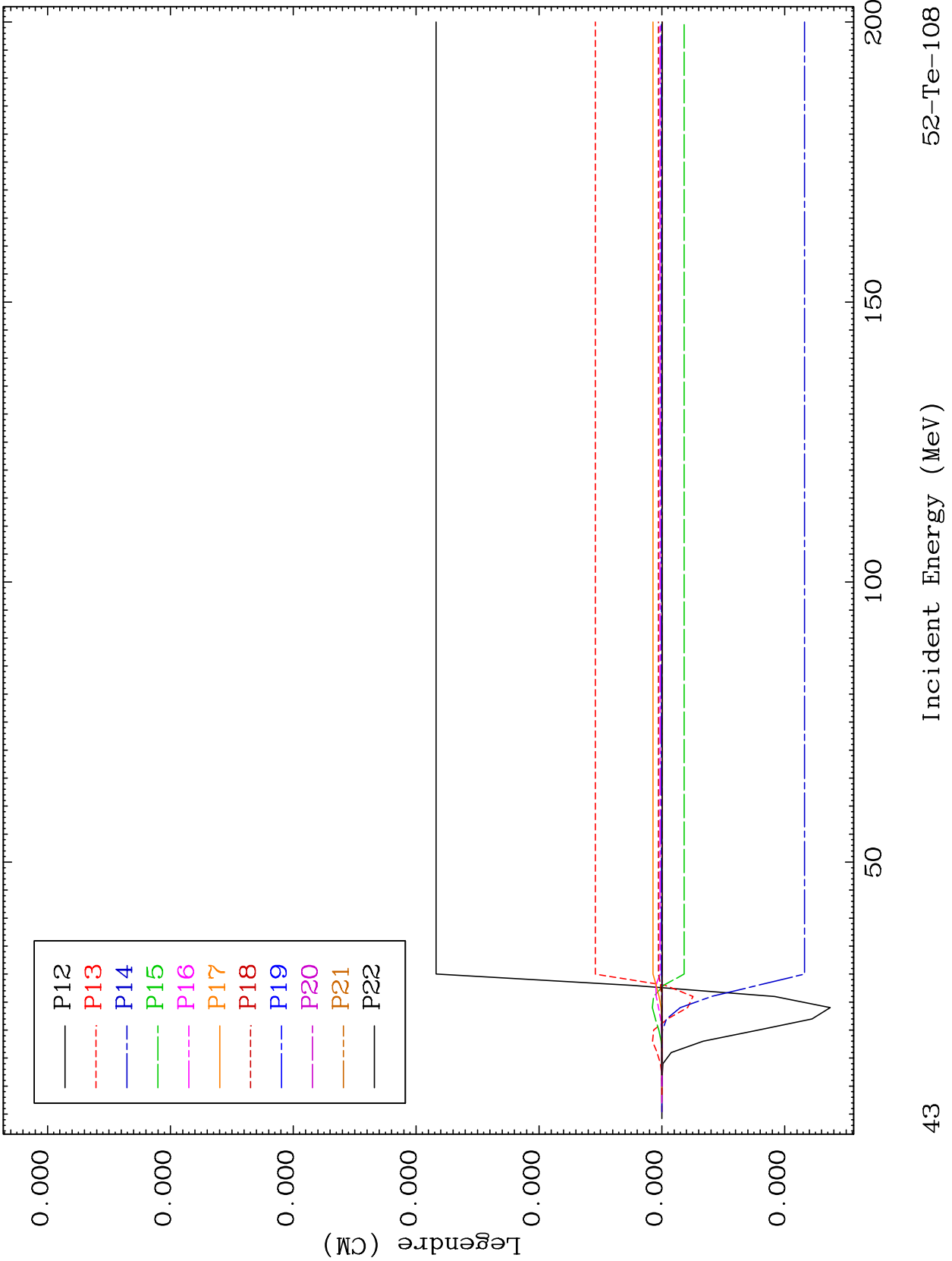
Incident Energy (MeV)

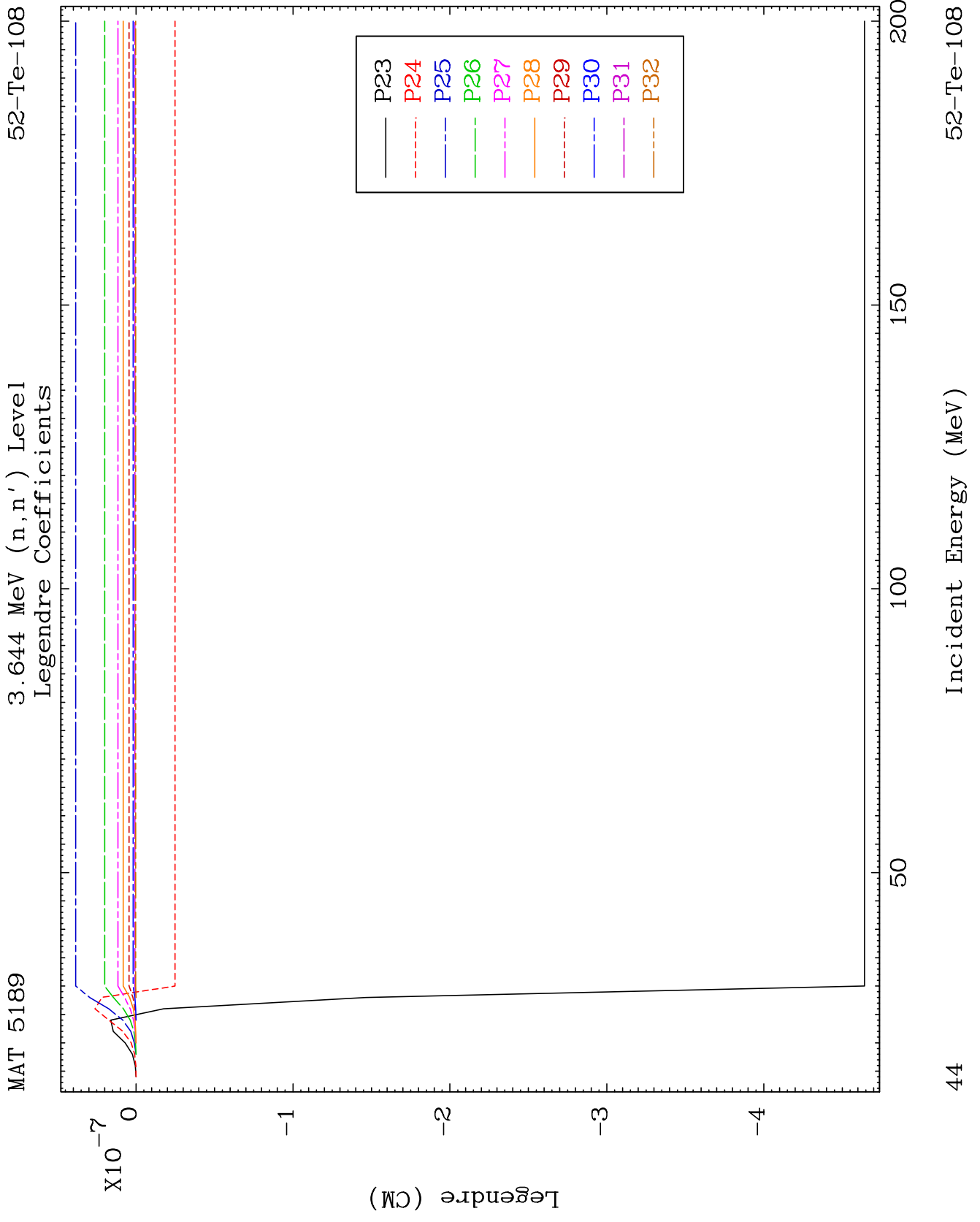
52-Te-108

MAT 5189

3.644 MeV (n,n') Level
Legendre Coefficients

52-Te-108

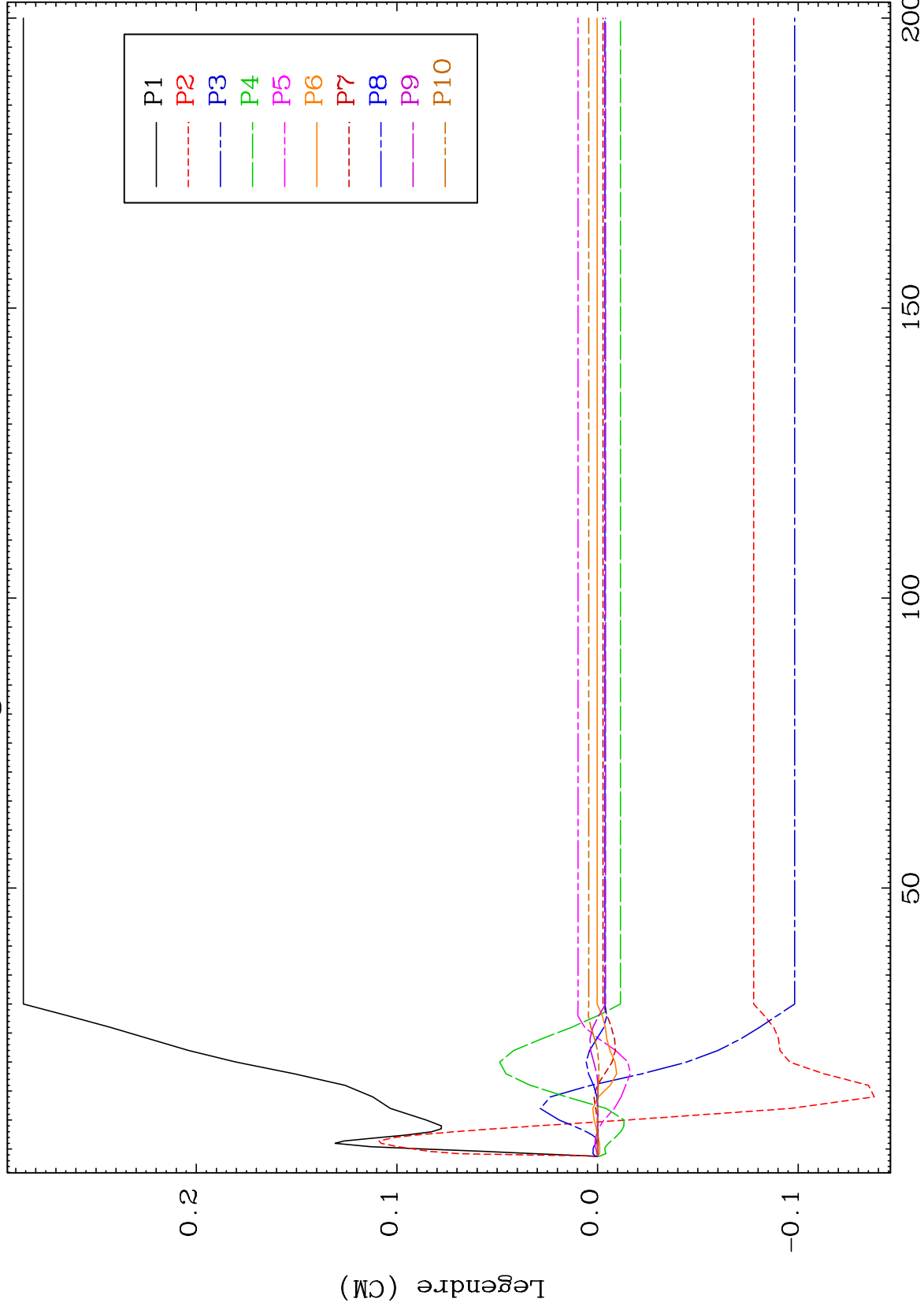




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3.661 MeV (n,n') Level
Legendre Coefficients

52-Te-108



45

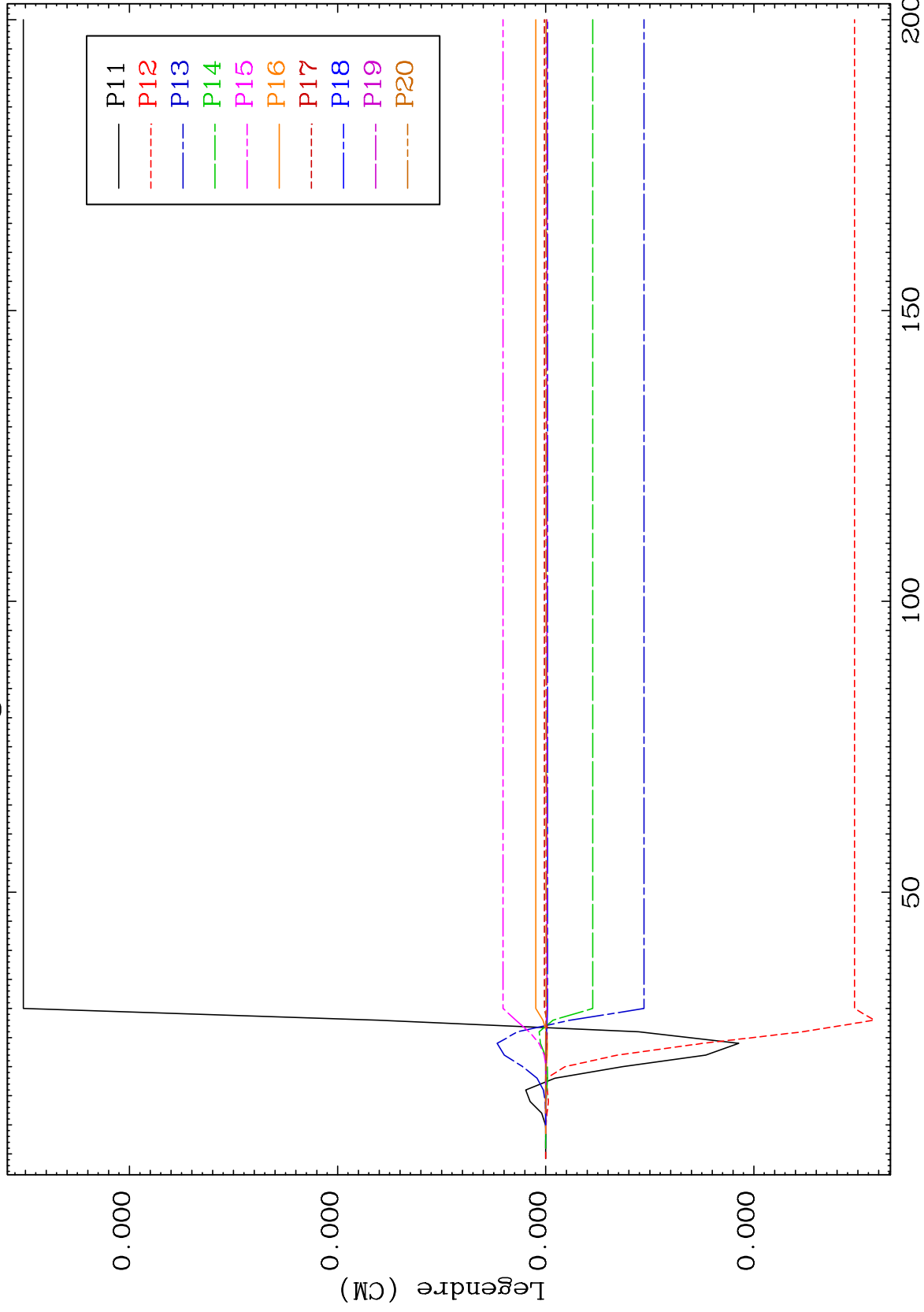
Incident Energy (MeV)

52-Te-108

MAT 5189

3.661 MeV (n,n') Level
Legendre Coefficients

52-Te-108



46

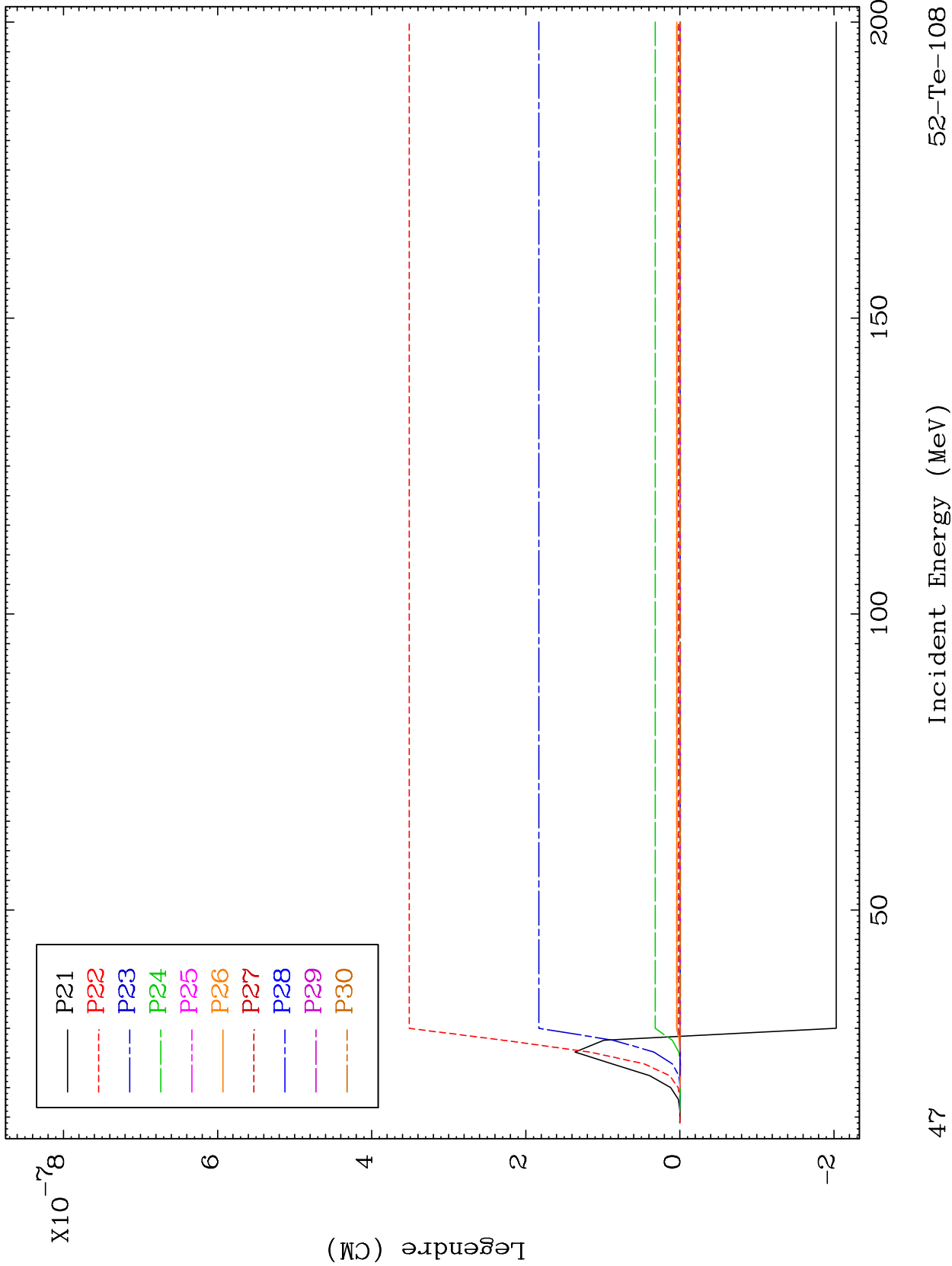
Incident Energy (MeV)

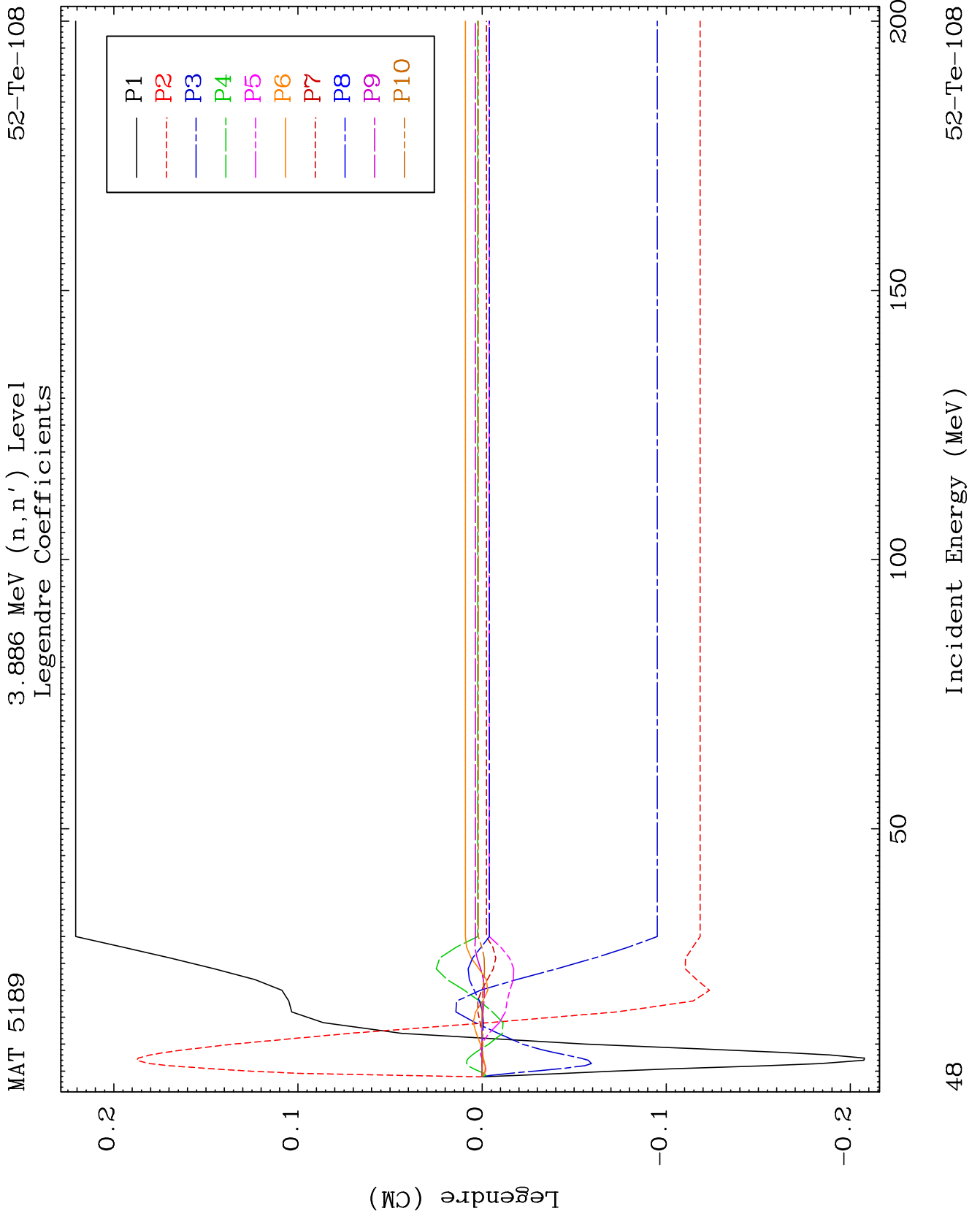
52-Te-108

MAT 5189

3.661 MeV (n,n') Level
Legendre Coefficients

52-Te-108

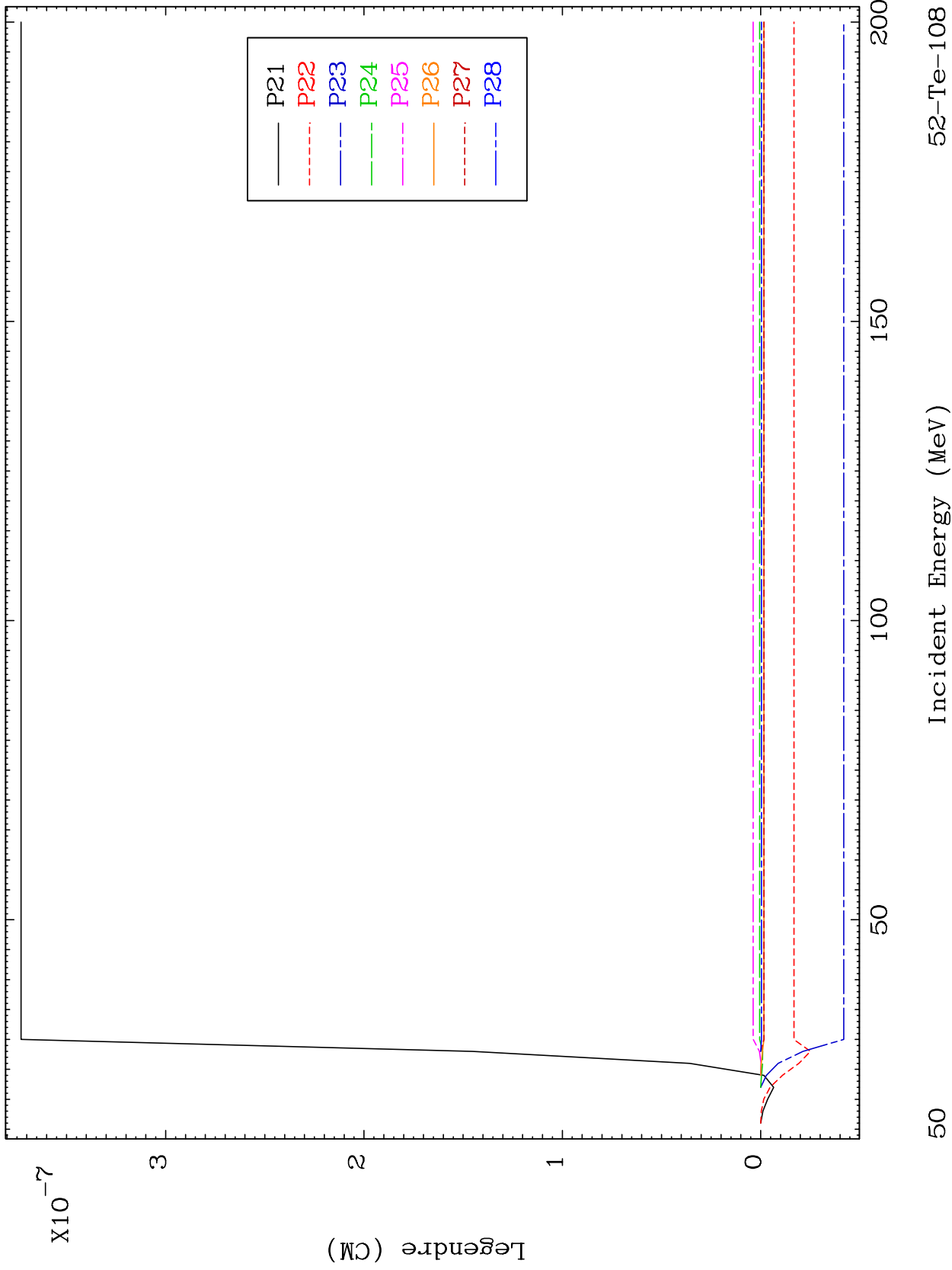


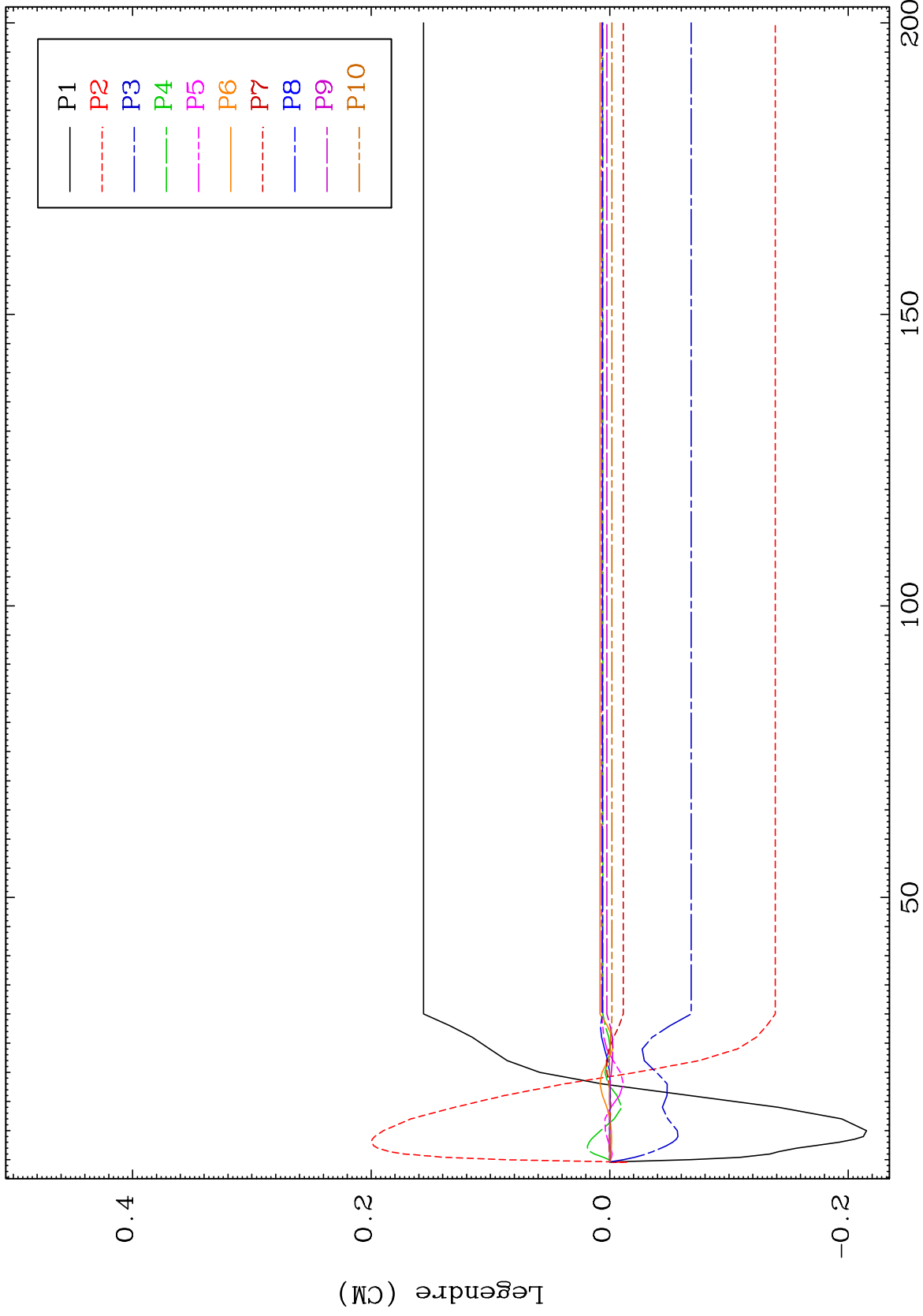


MAT 5189

3.886 MeV (n,n') Level
Legendre Coefficients

52-Te-108

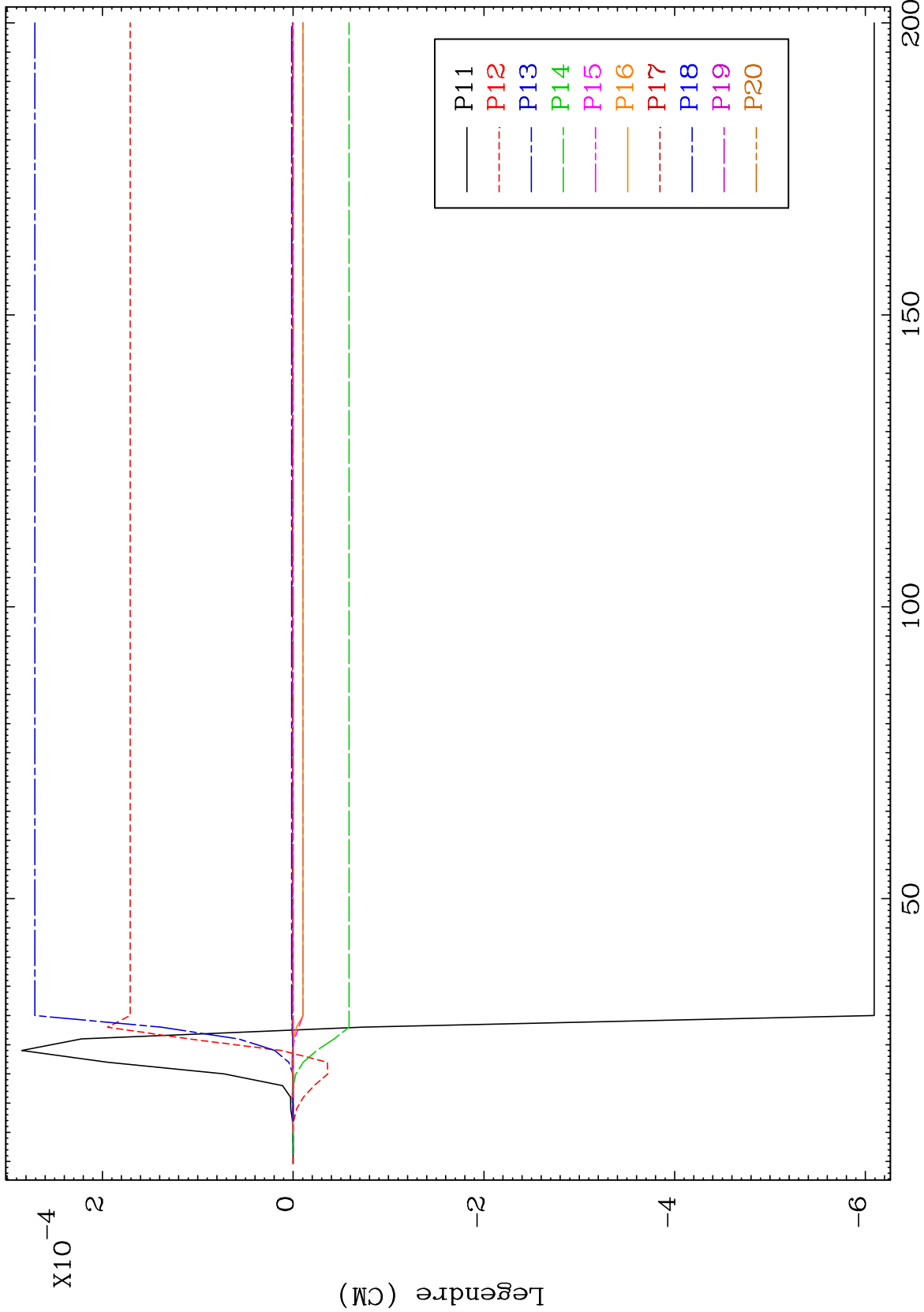




MAT 5189

4.491 MeV (n,n') Level
Legendre Coefficients

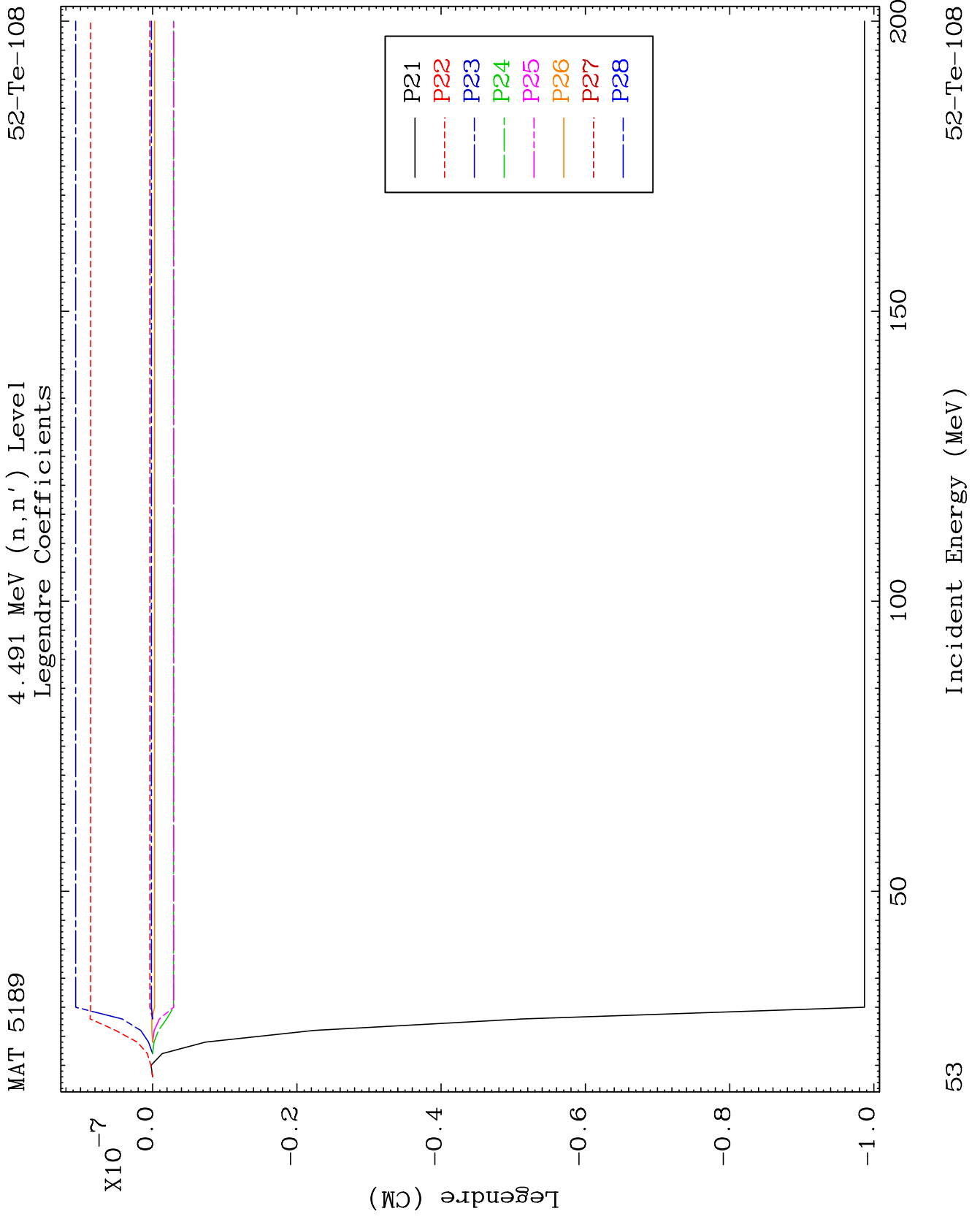
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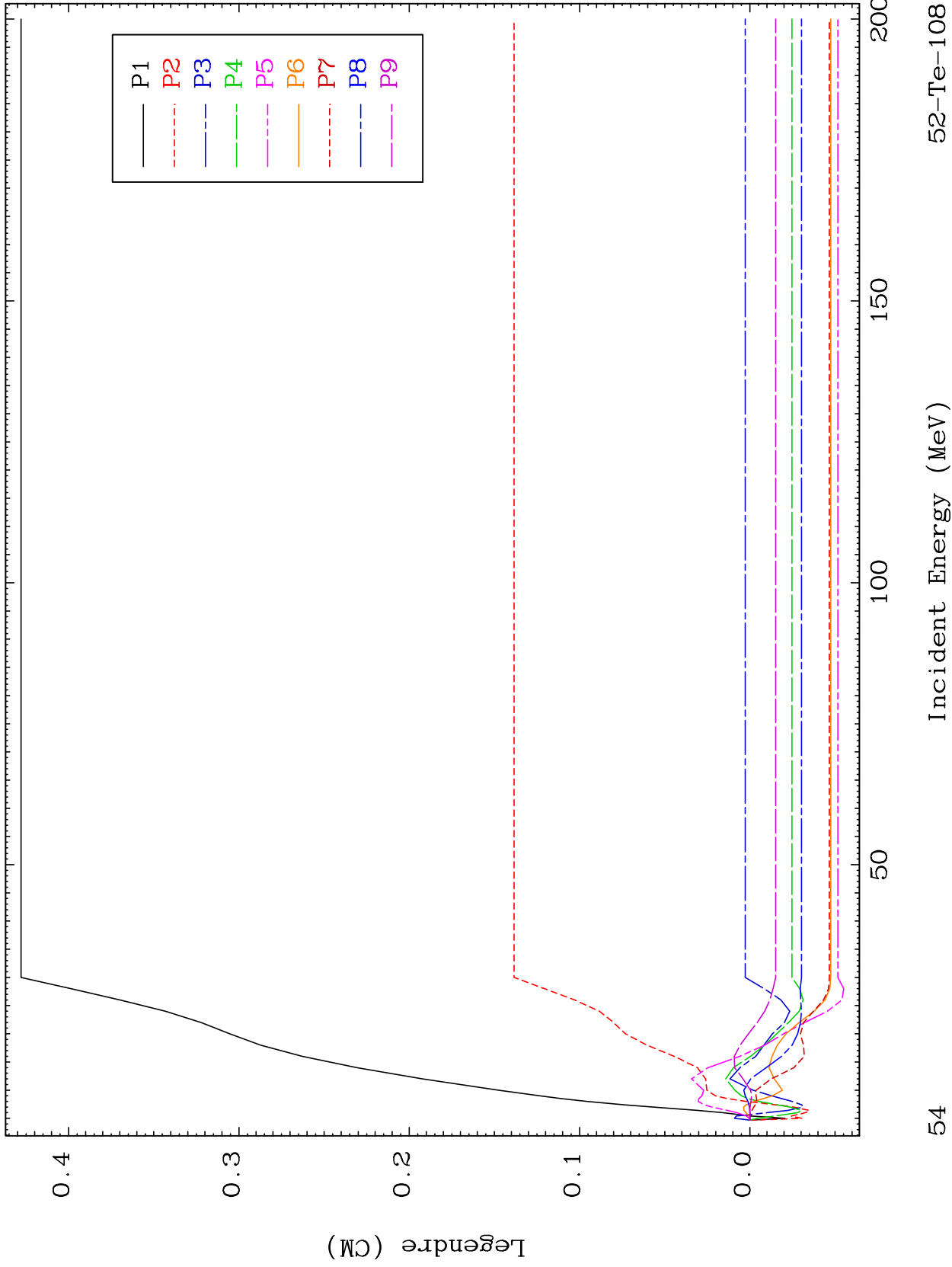


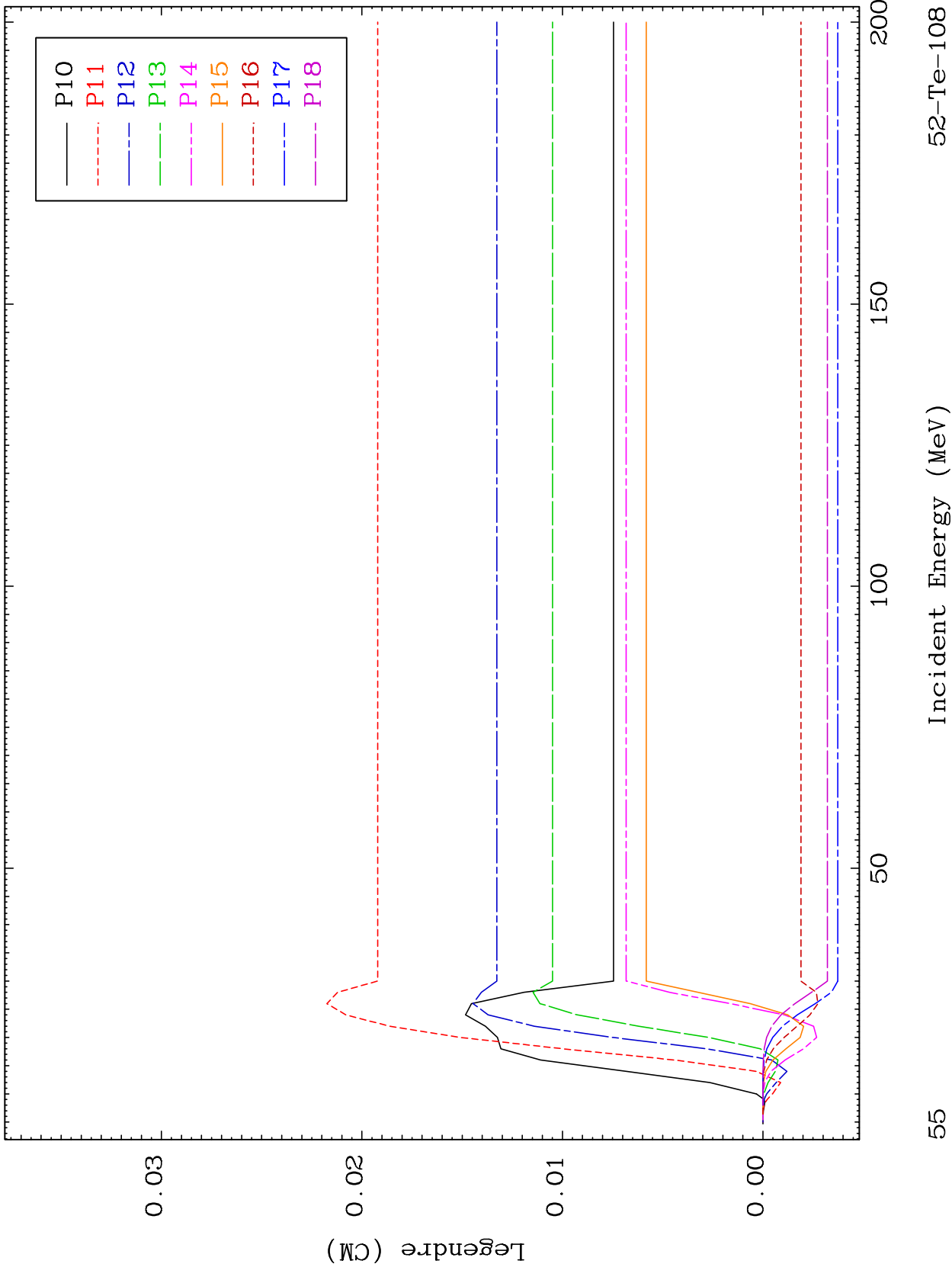
52

Incident Energy (MeV)

52-Te-108





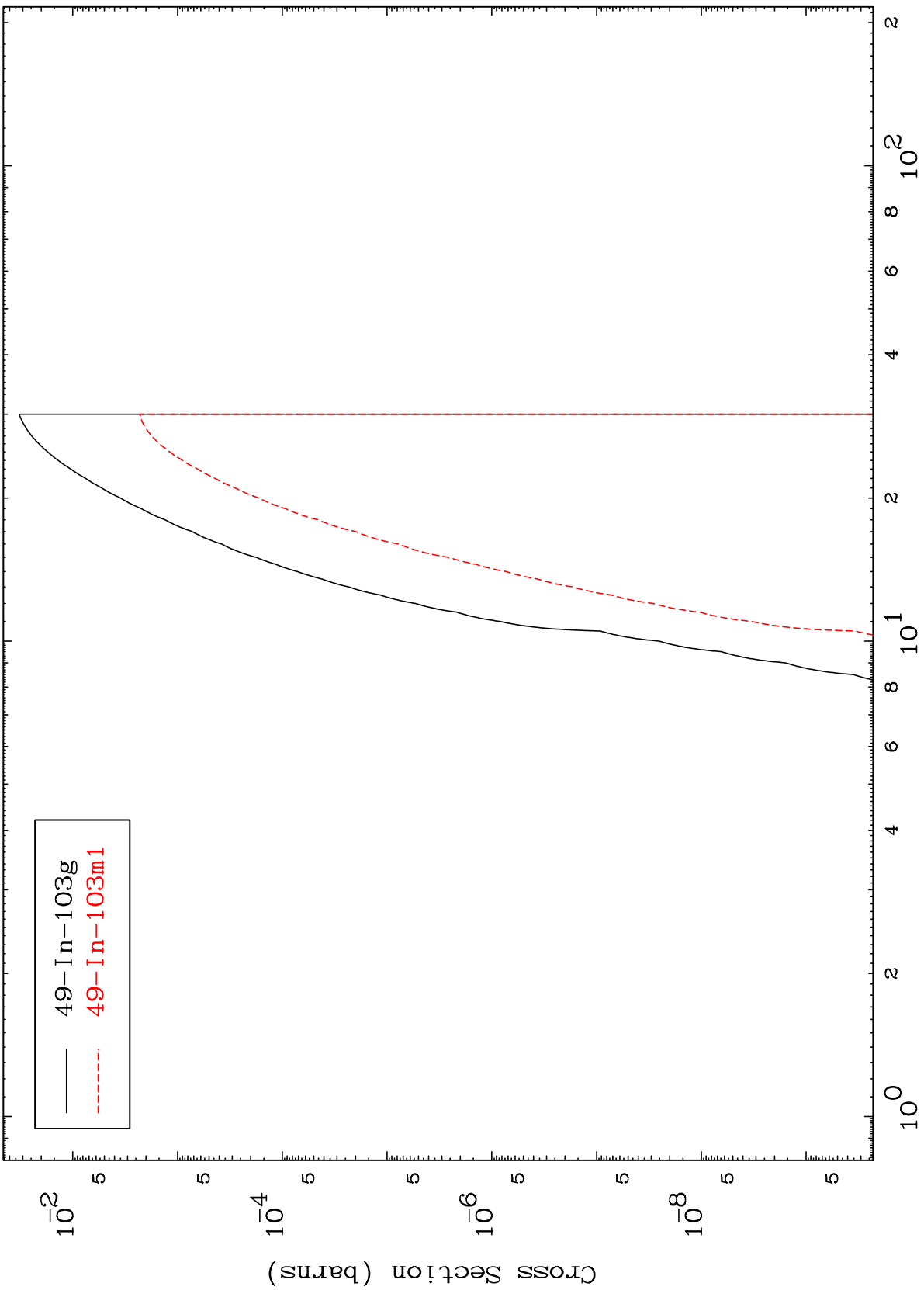


MAT 5189

(n,n') p α

52-Te-108

Radionuclide Production Cross Section



58

Incident Energy (MeV)

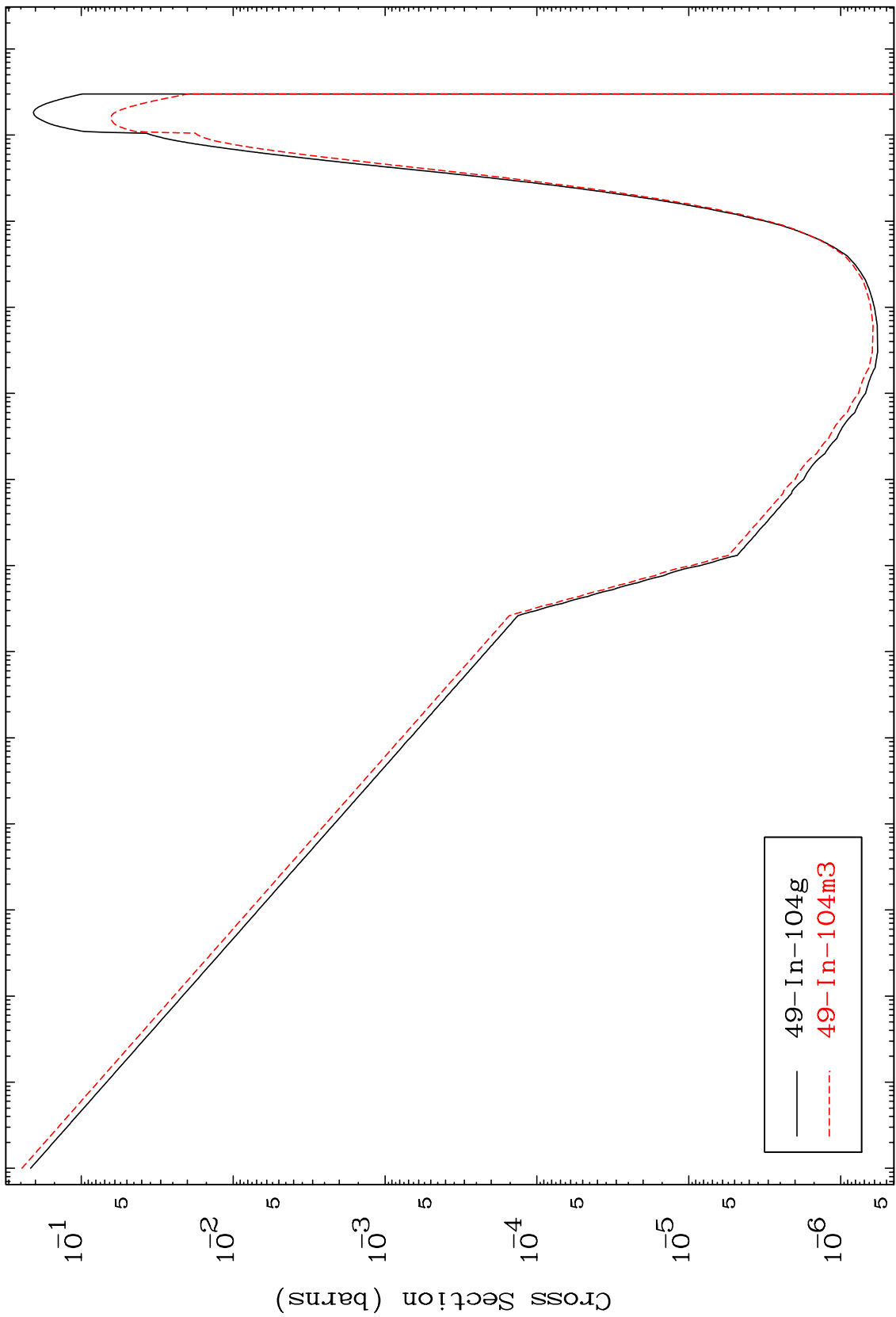
52-Te-108

MAT 5189

(n,p) α

52-Te-108

Radionuclide Production Cross Section



59

Incident Energy (MeV)

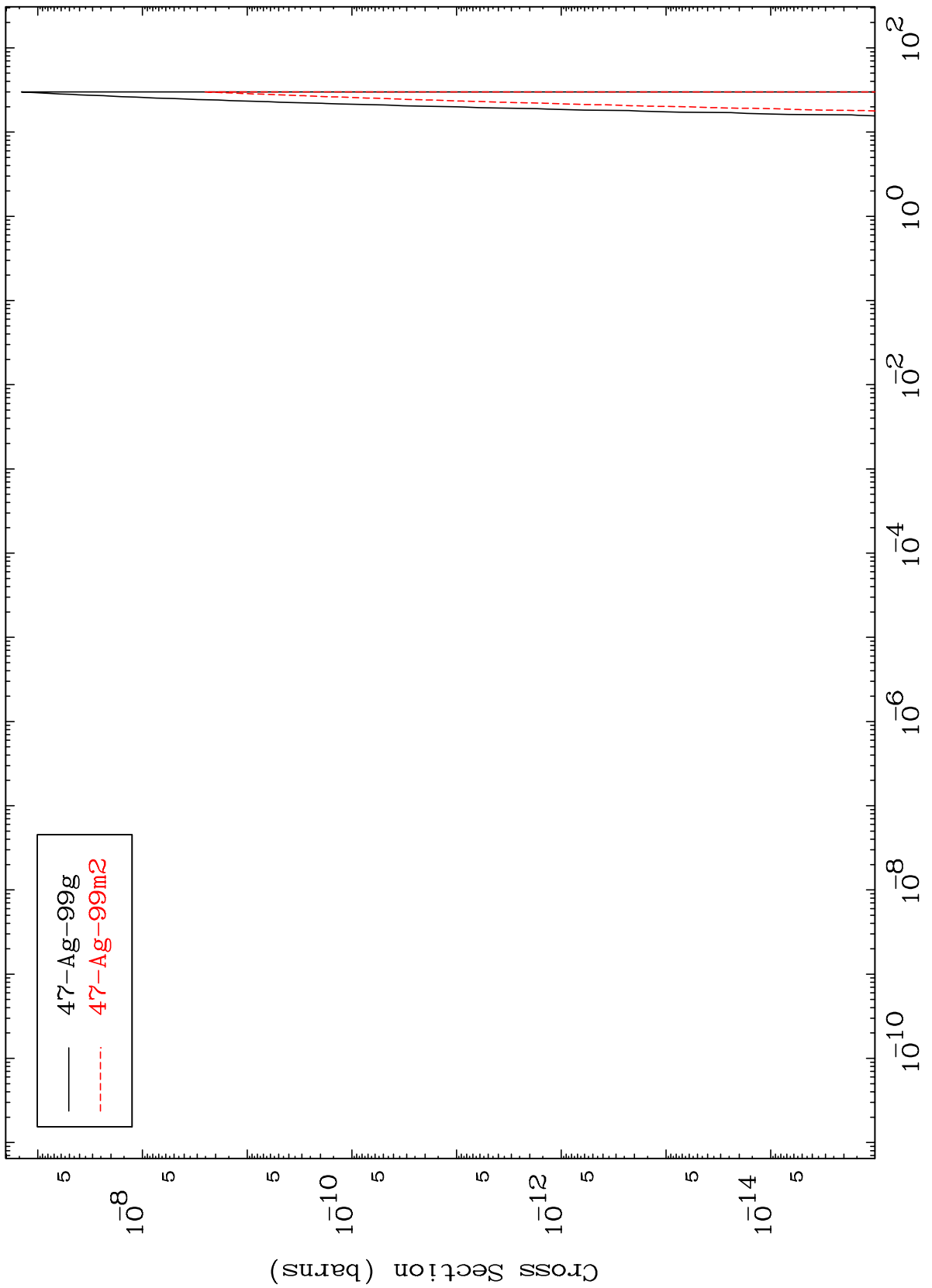
52-Te-108

MAT 5189

(n,d) 2α

52-Te-108

Radionuclide Production Cross Section



— 47-Ag-99g
- - - 47-Ag-99m2

60

Incident Energy (MeV)

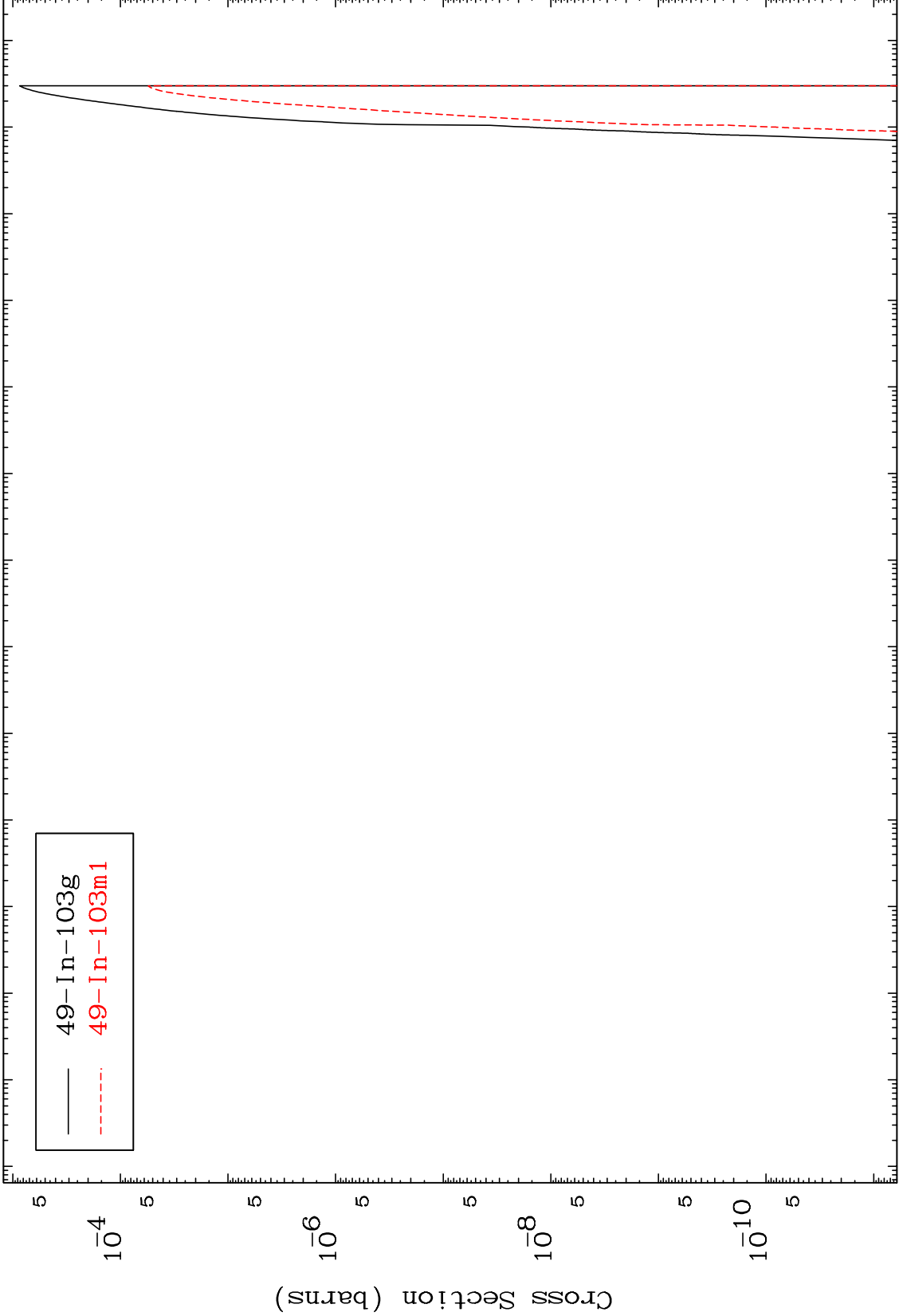
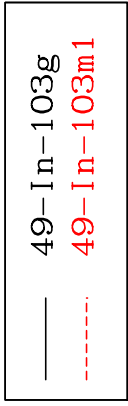
52-Te-108

MAT 5189

(n,d) α

52-Te-108

Radionuclide Production Cross Section



52-Te-108

10^0

10^{-2}

10^{-4}

10^{-6}

10^{-8}

10^{-10}

10^{-10}

10^{-4}

10^2

Incident Energy (MeV)

52-Te-108

61