

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

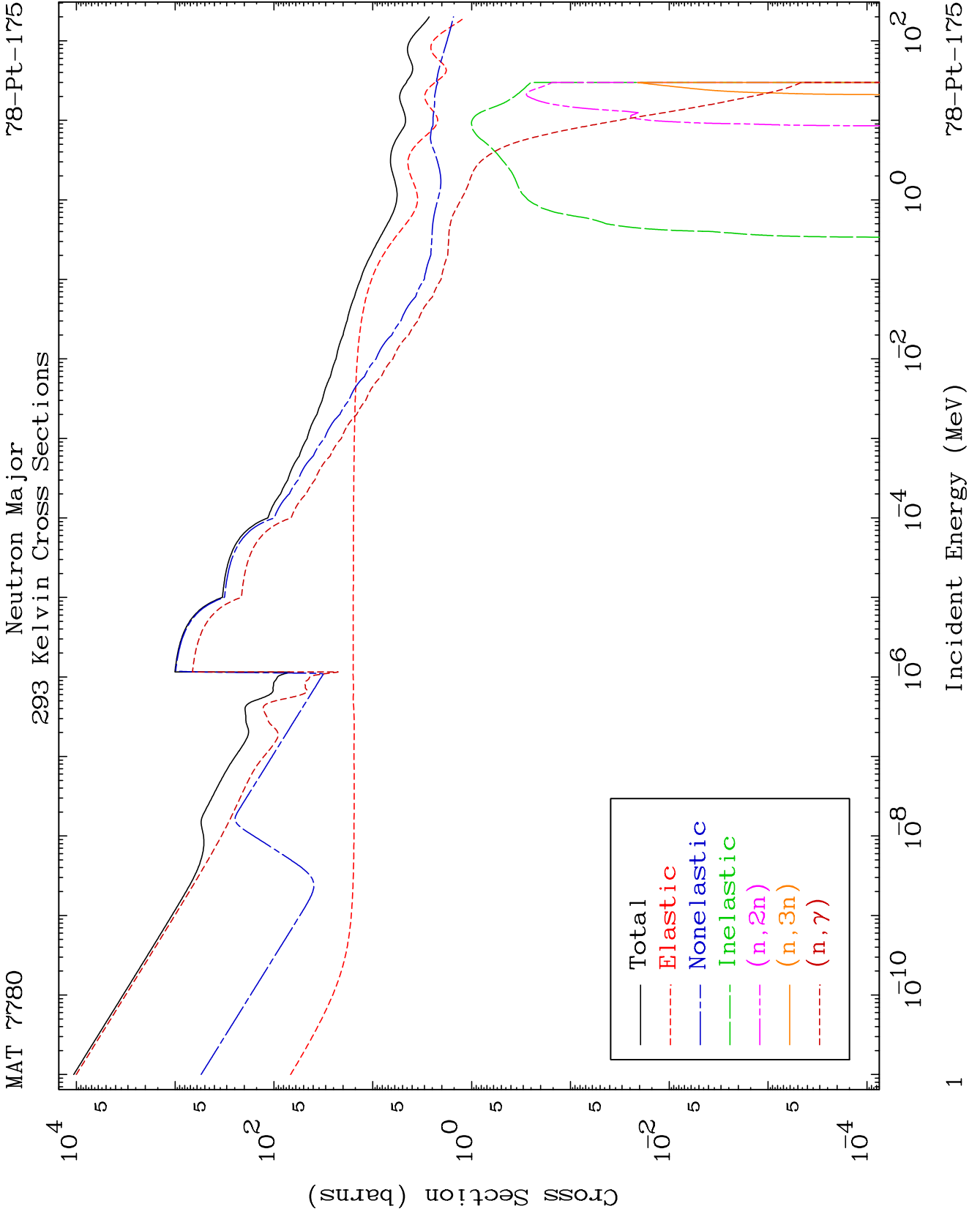
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

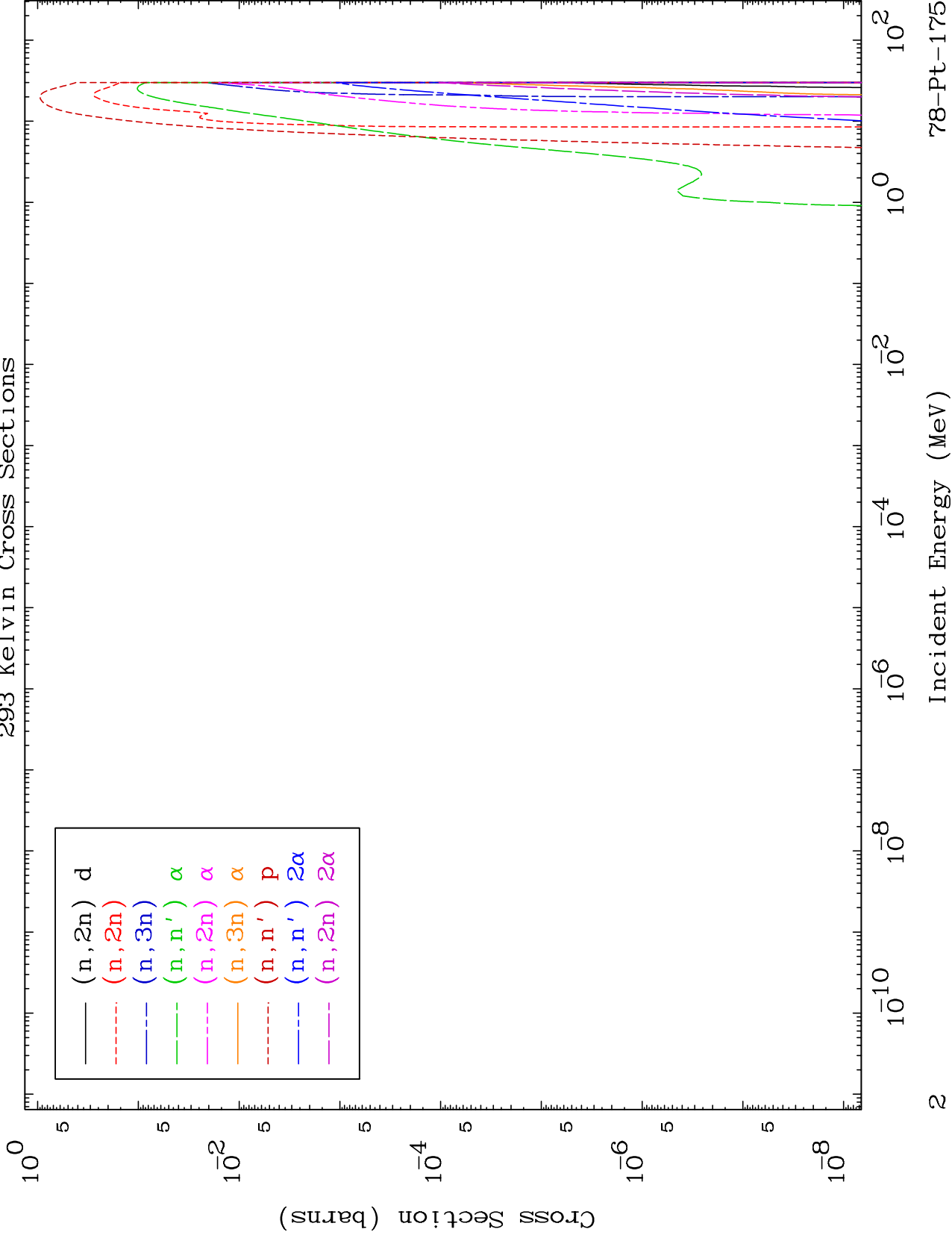
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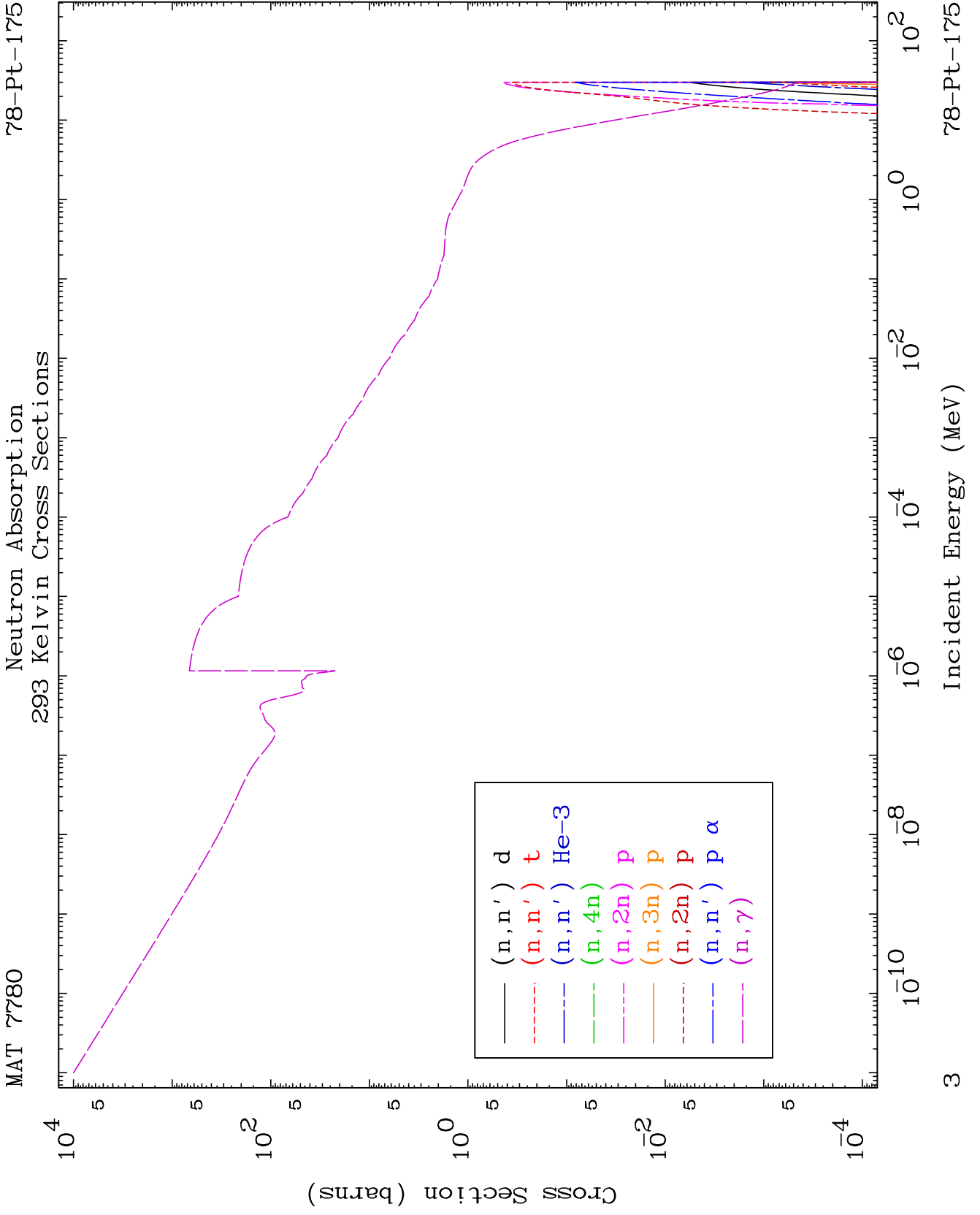


MAT 7780

Neutron Absorption
293 Kelvin Cross Sections

78-Pt-175

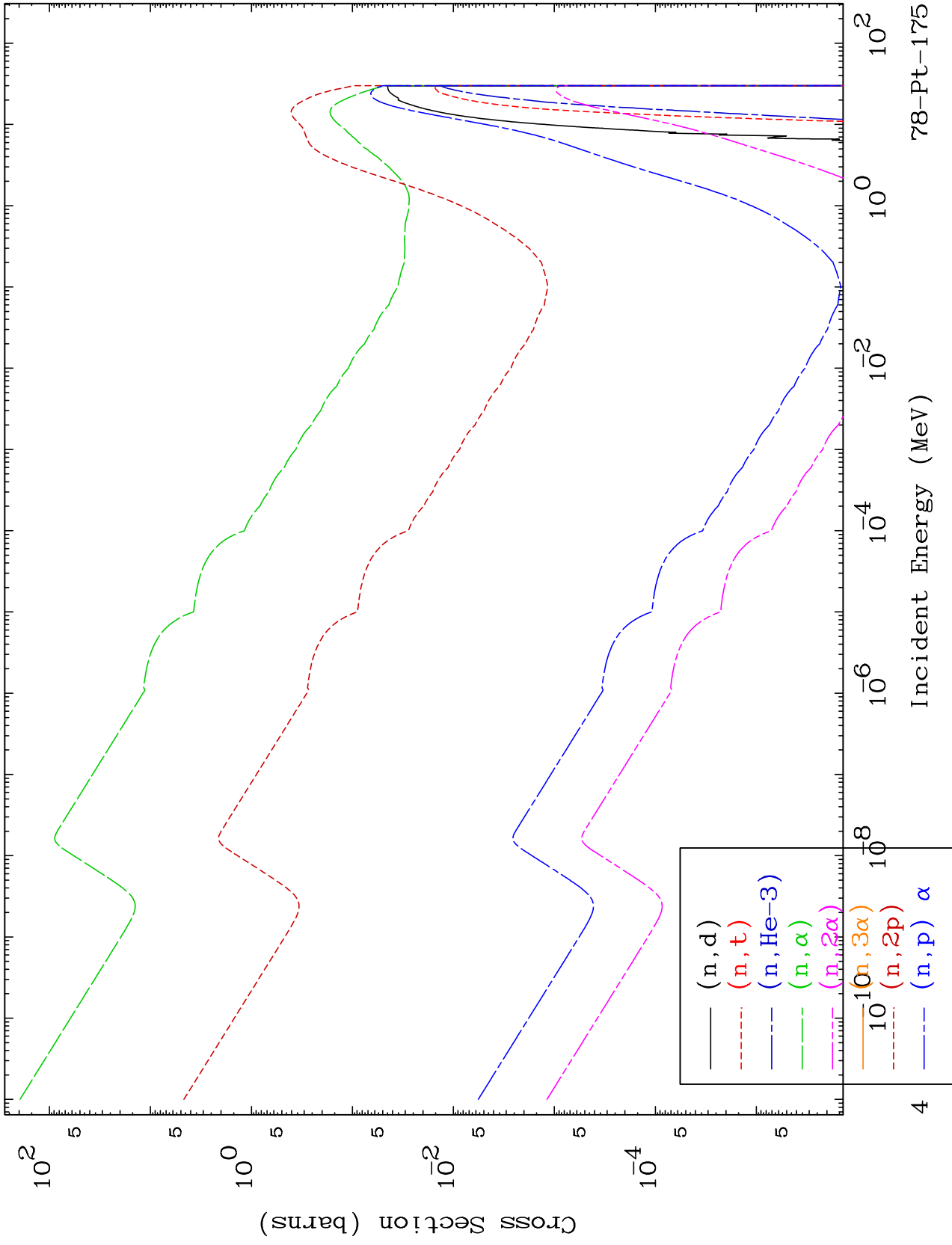




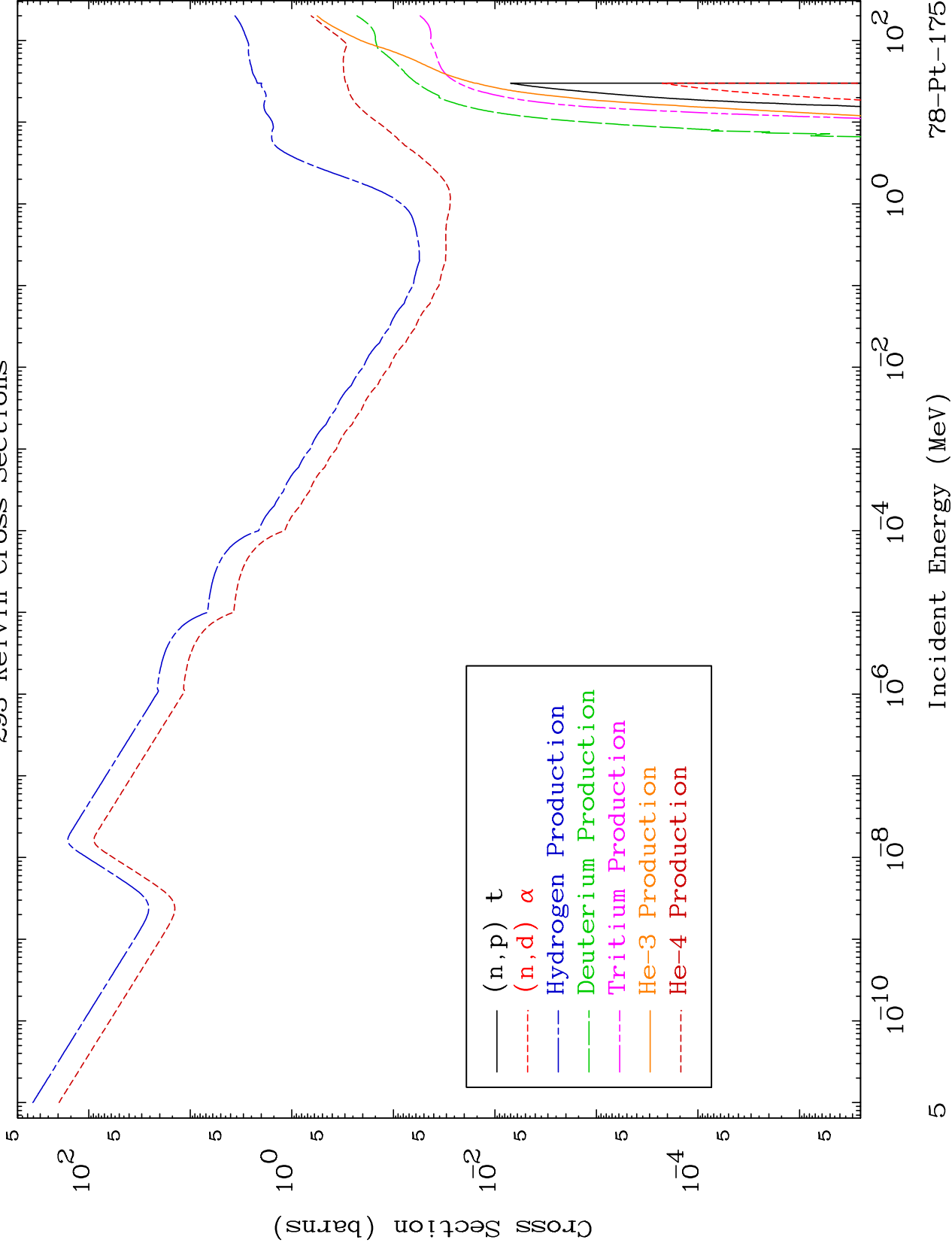
MAT 7780

Neutron Absorption
293 Kelvin Cross Sections

78-Pt-175



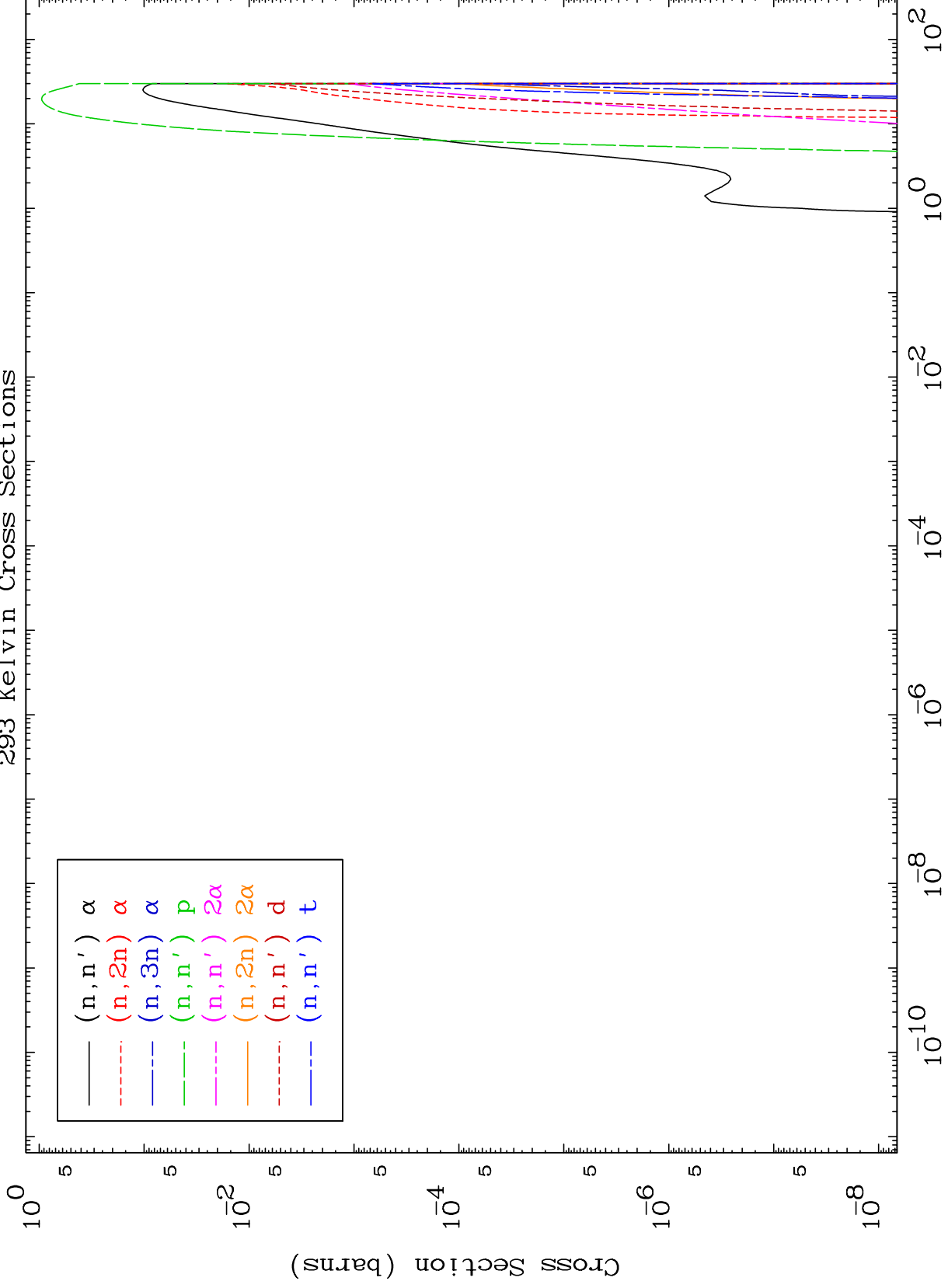
4



MAT 7780

Charged Particle
293 Kelvin Cross Sections

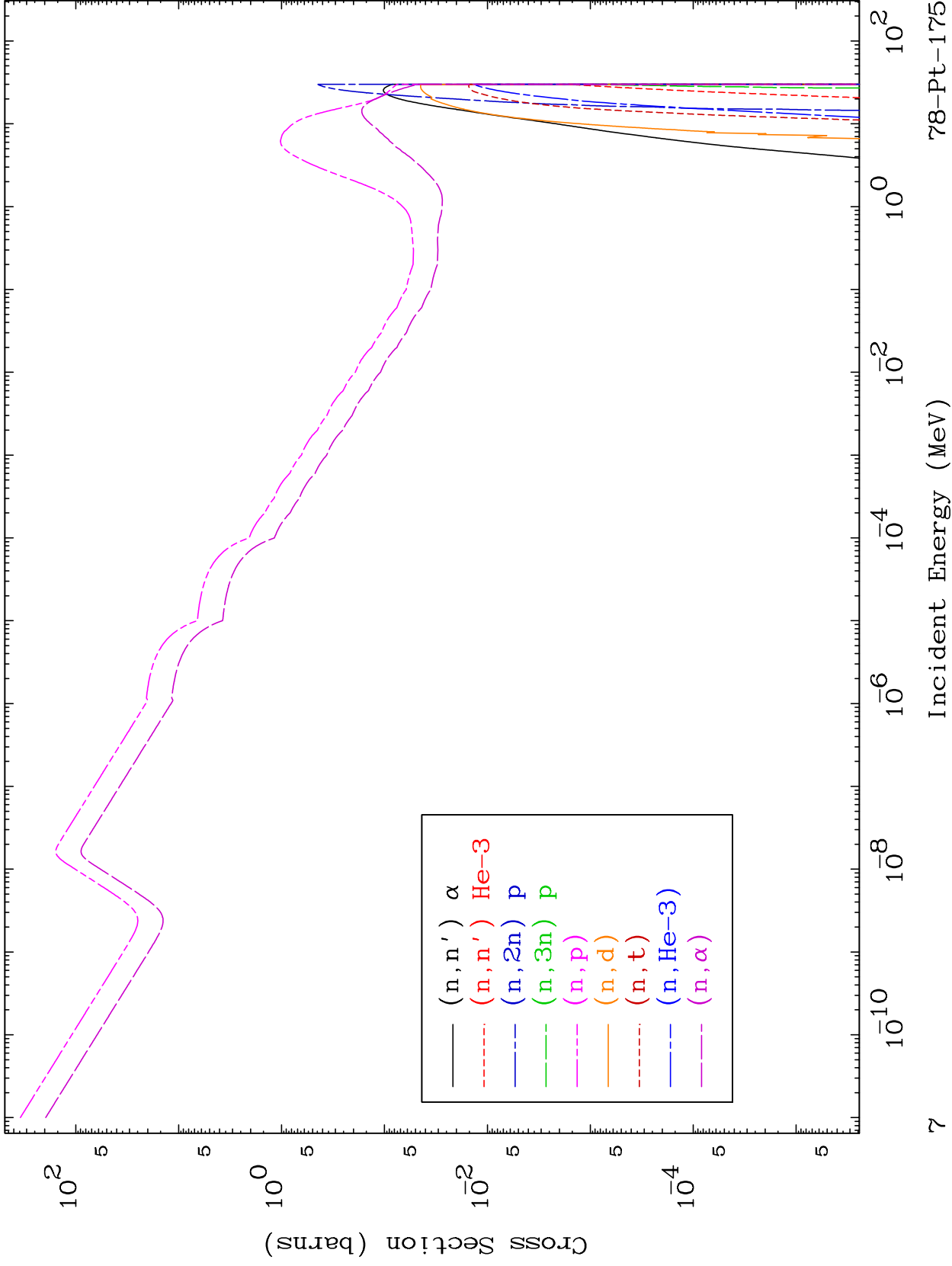
78-Pt-175



MAT 7780

Charged Particle
293 Kelvin Cross Sections

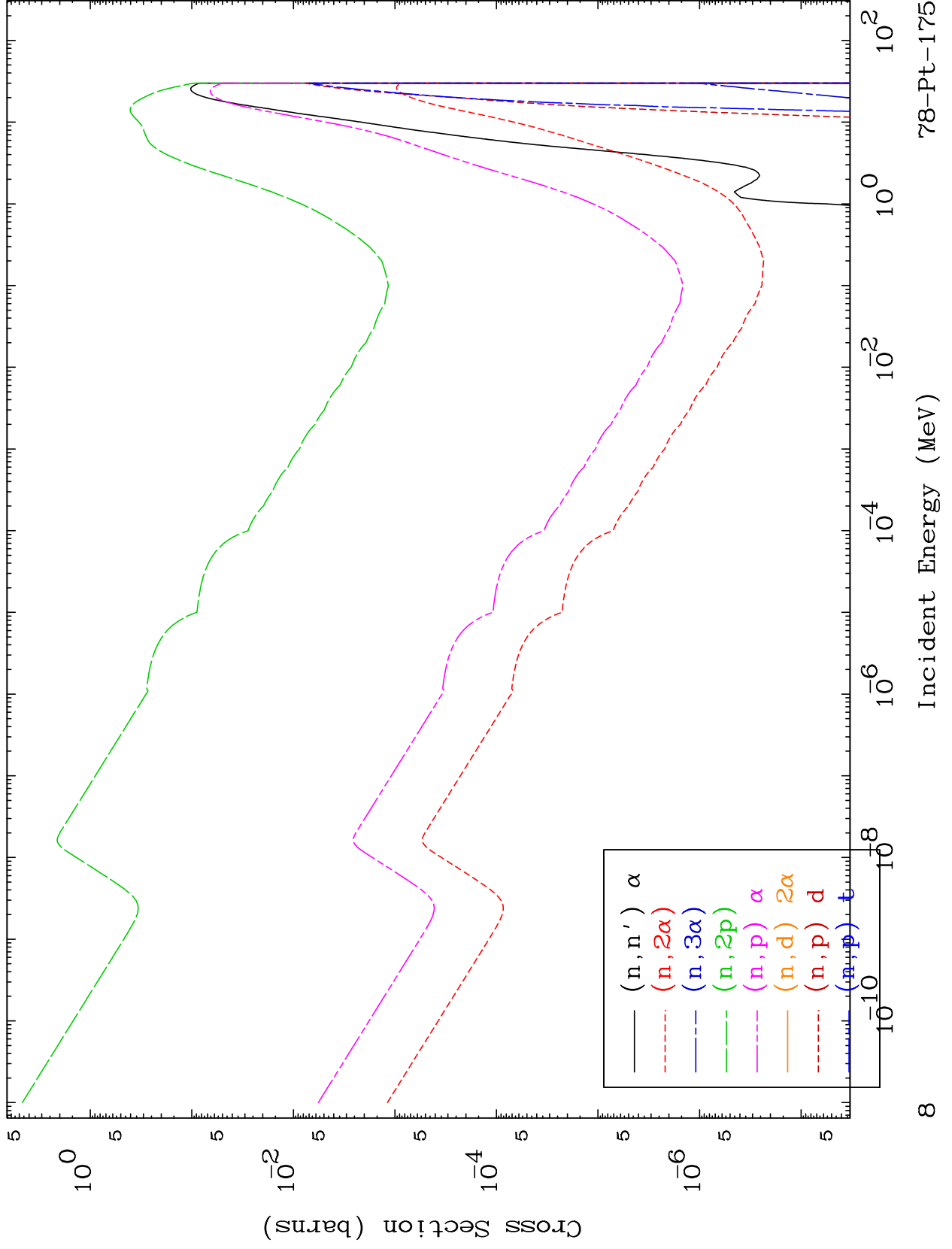
78-Pt-175

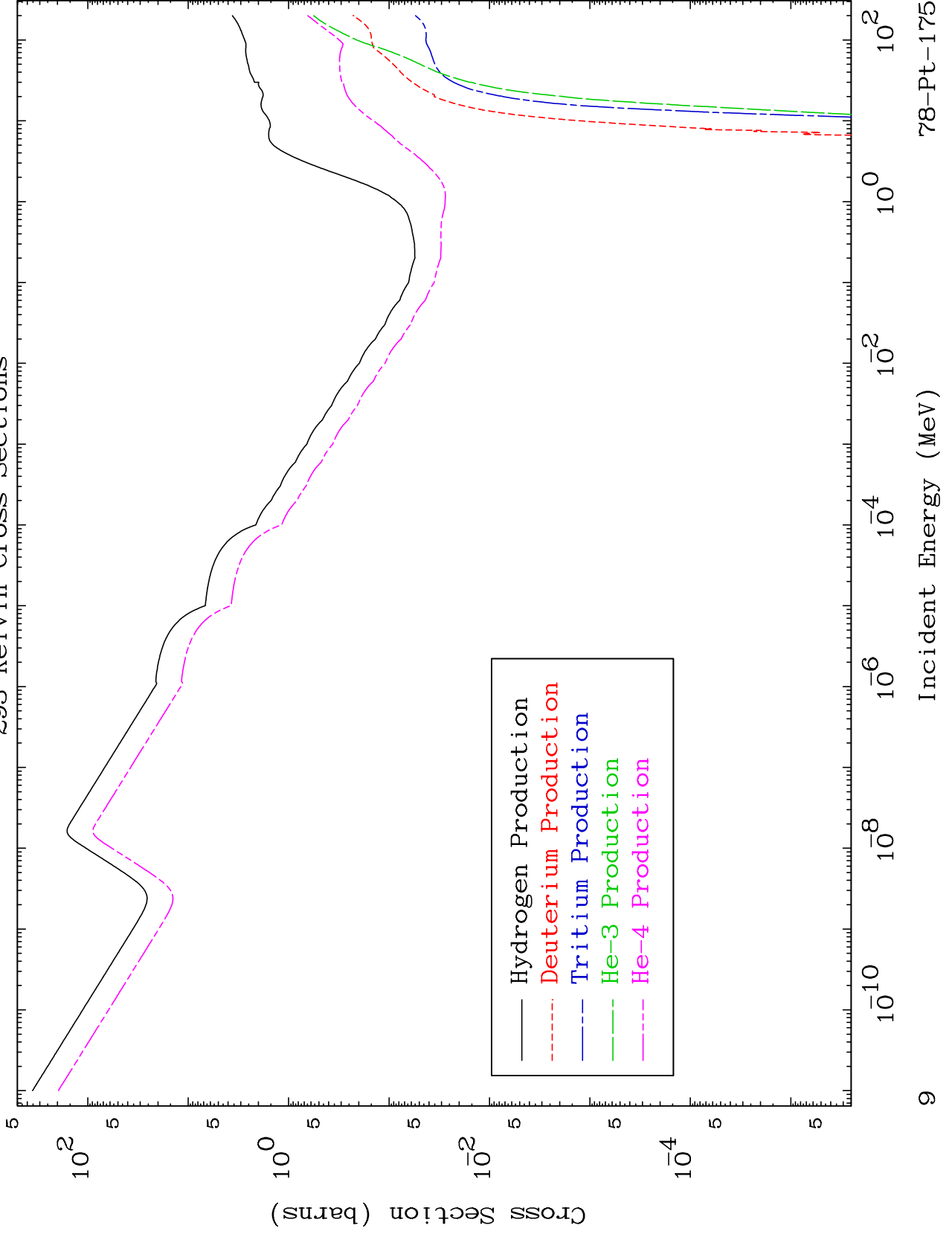


MAT 7780

Charged Particle
293 Kelvin Cross Sections

78-Pt-175



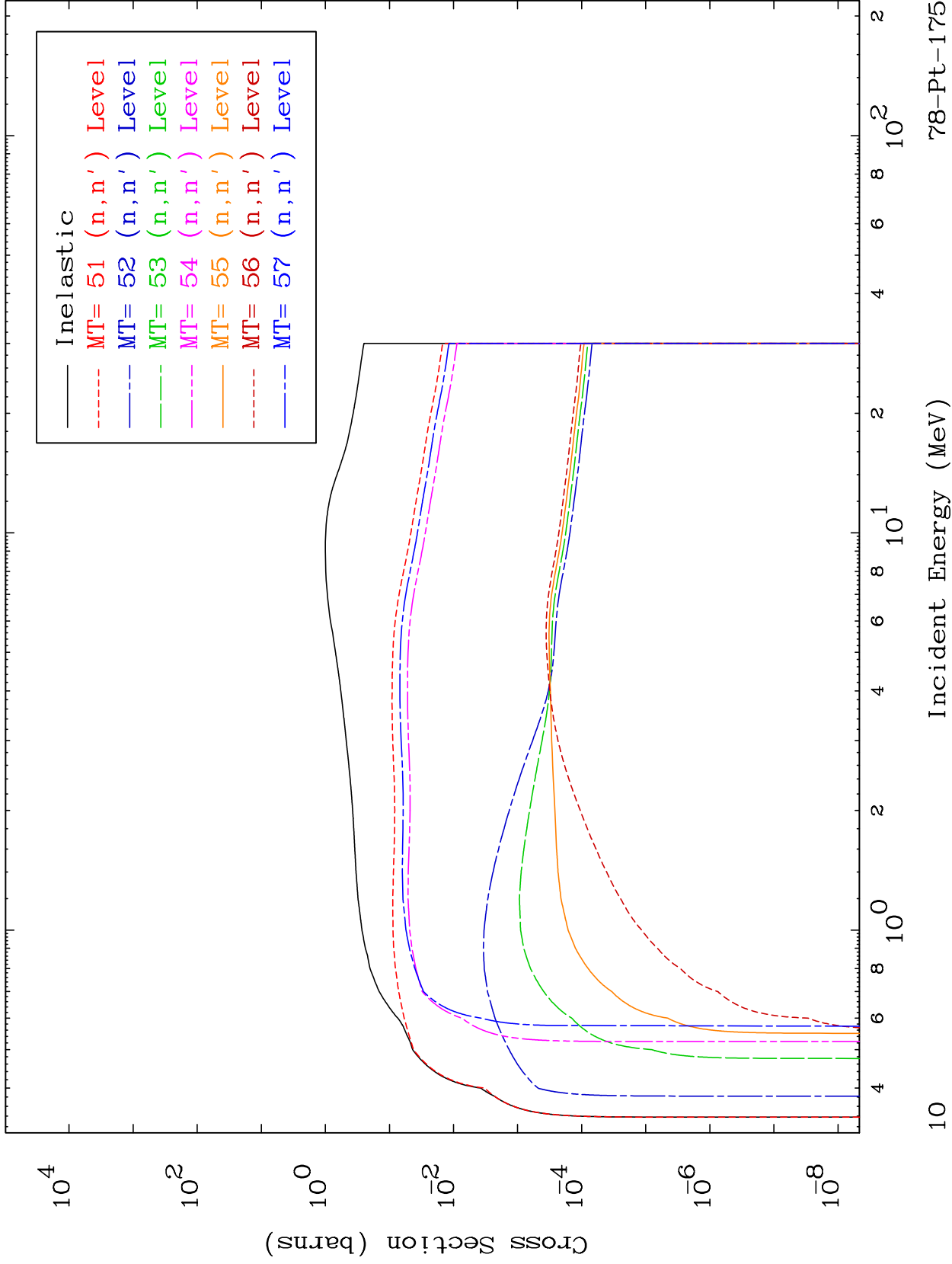


MAT 7780

(n,n') Levels

78-Pt-175

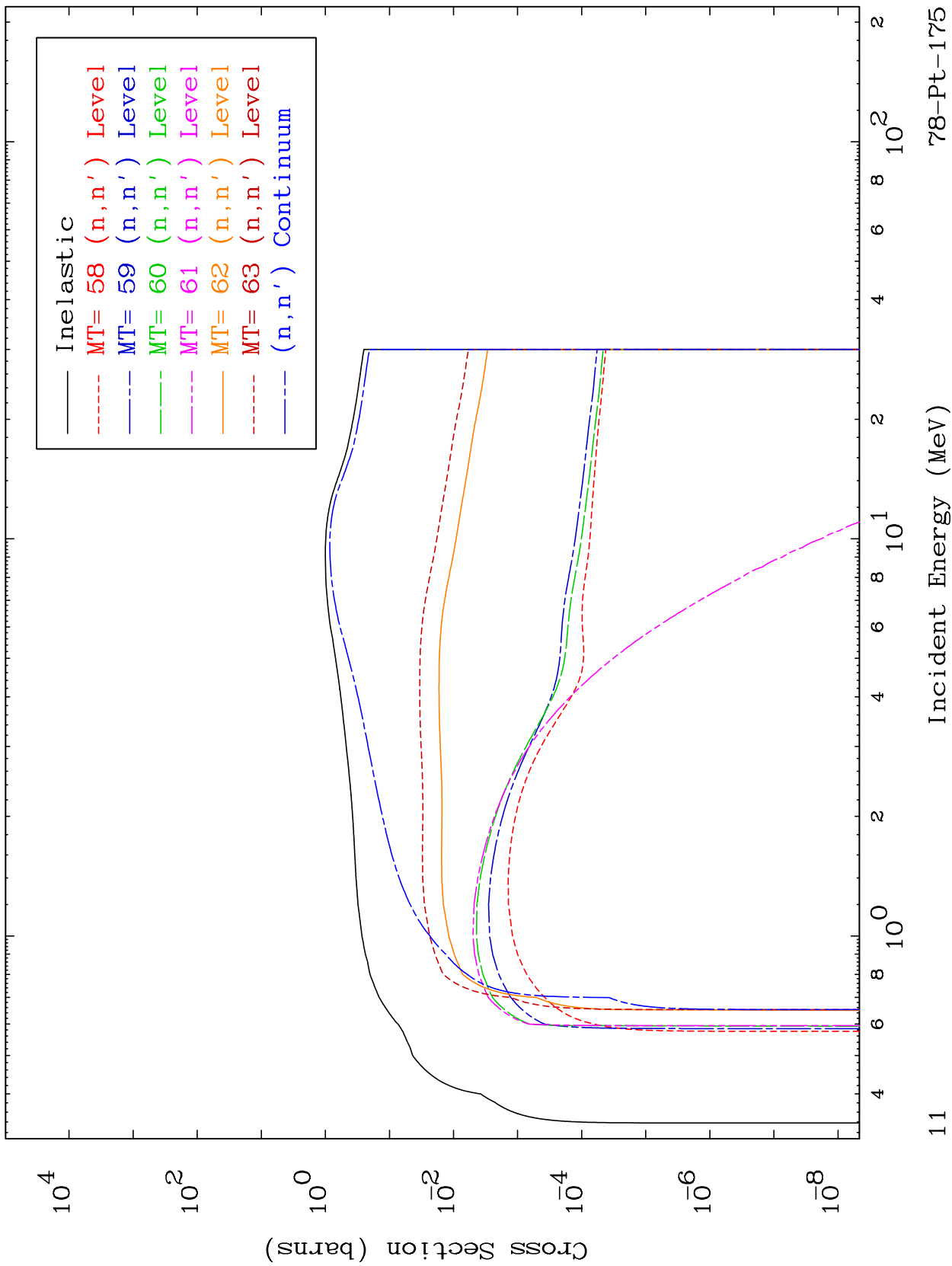
293 Kelvin Cross Sections



10

Incident Energy (MeV)

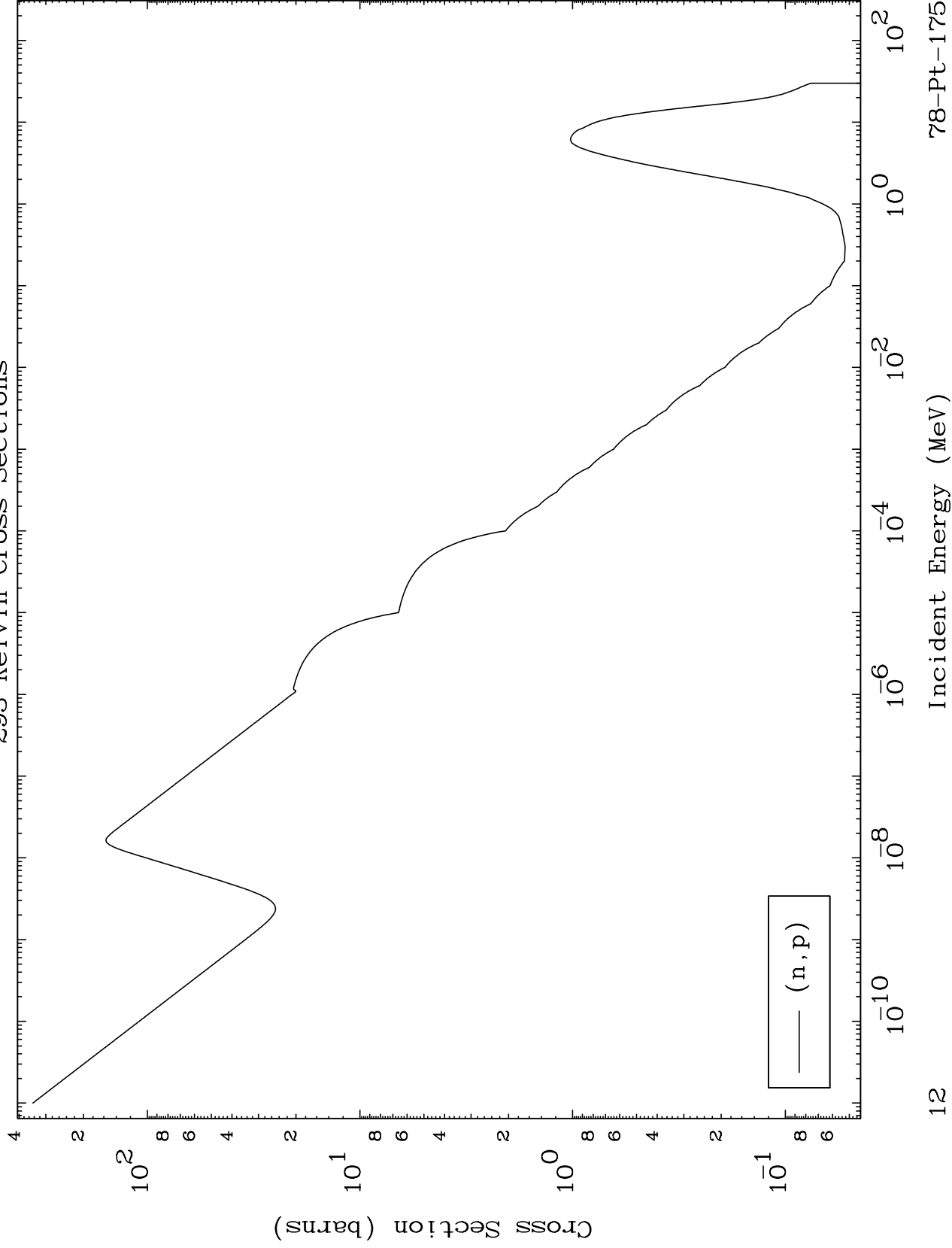
78-Pt-175



MAT 7780

(n,p) Levels
293 Kelvin Cross Sections

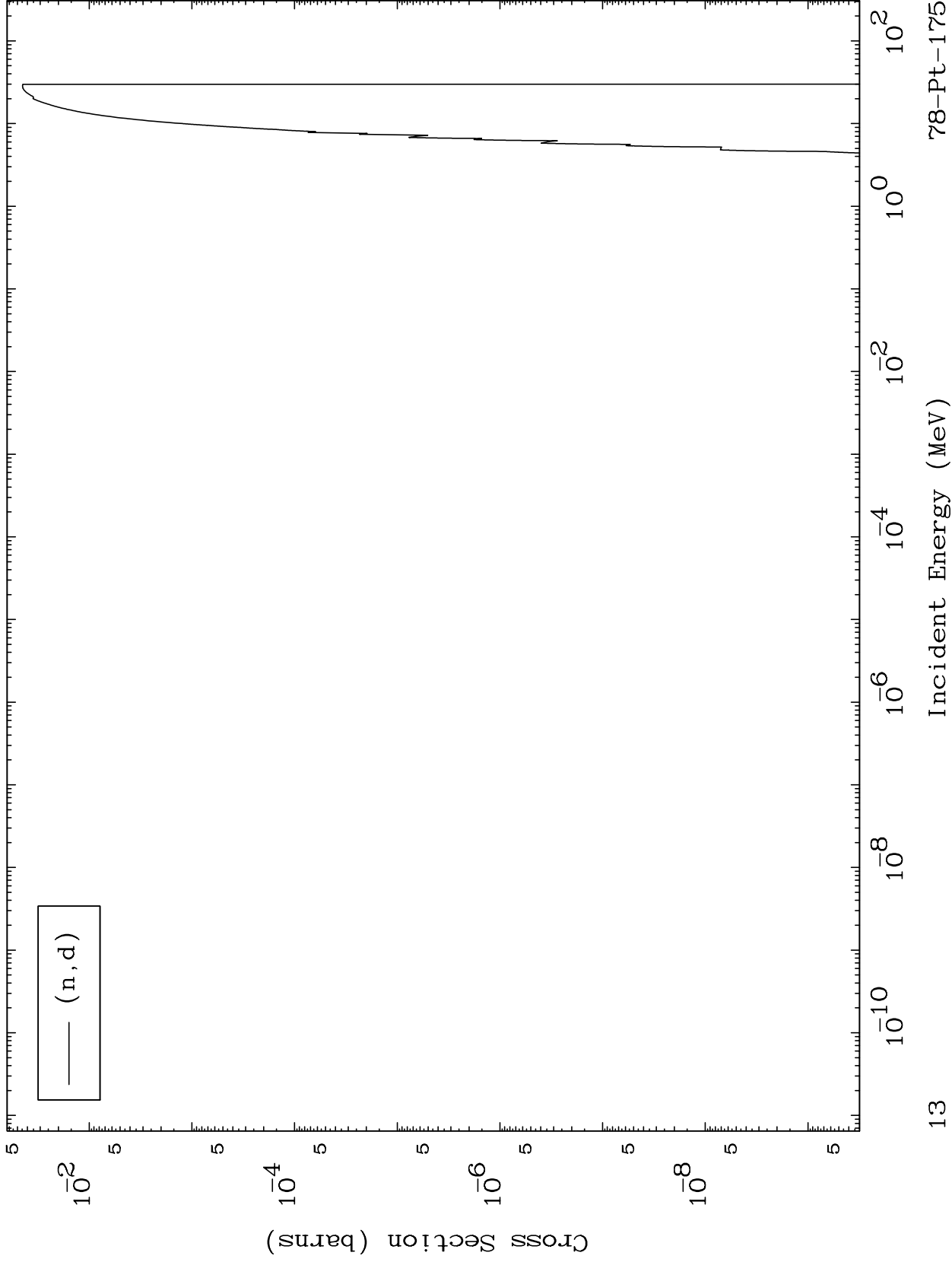
78-Pt-175



MAT 7780

(n,d) Levels
293 Kelvin Cross Sections

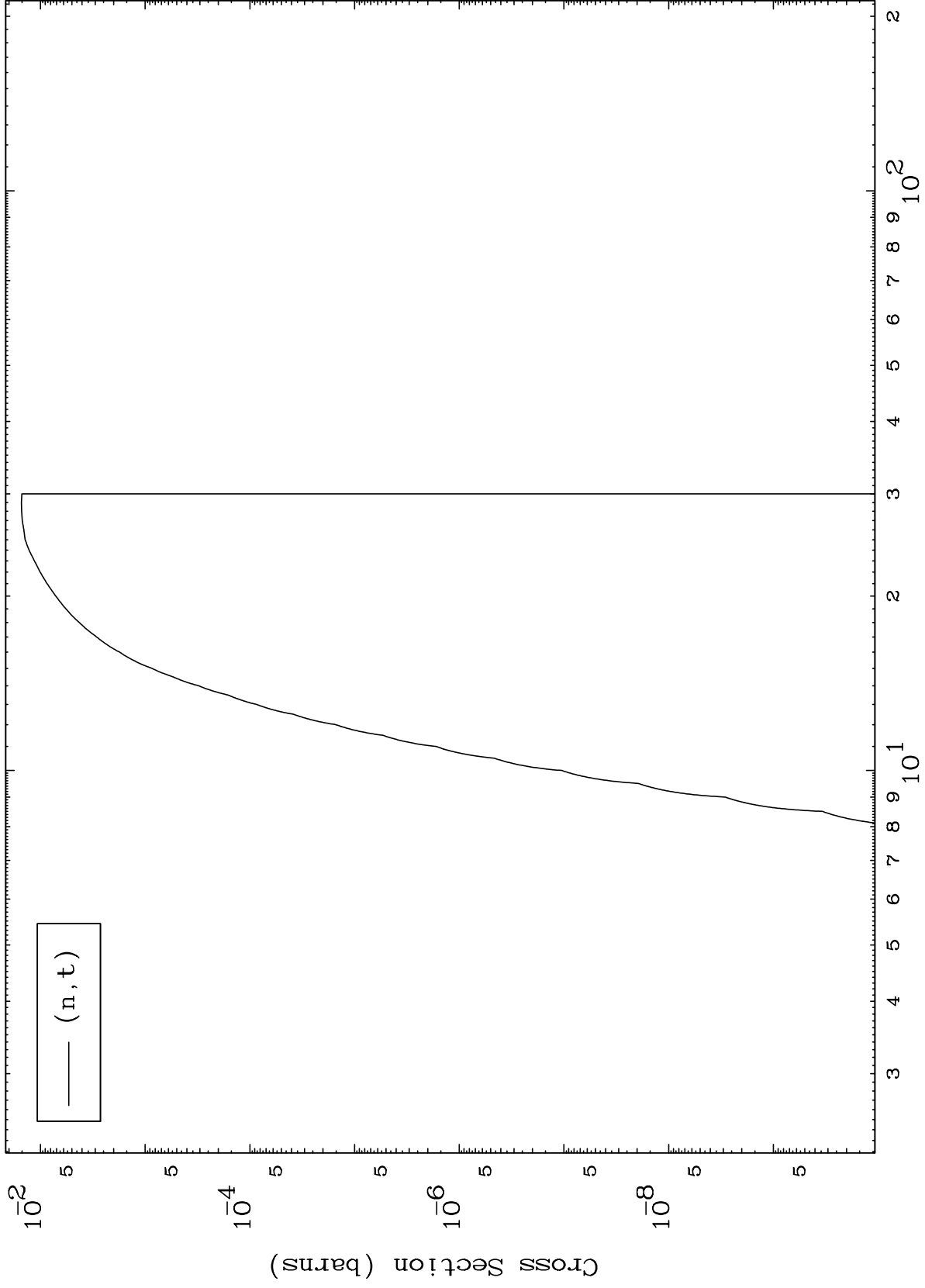
78-Pt-175



MAT 7780

(n,t) Levels
293 Kelvin Cross Sections

78-Pt-175



14

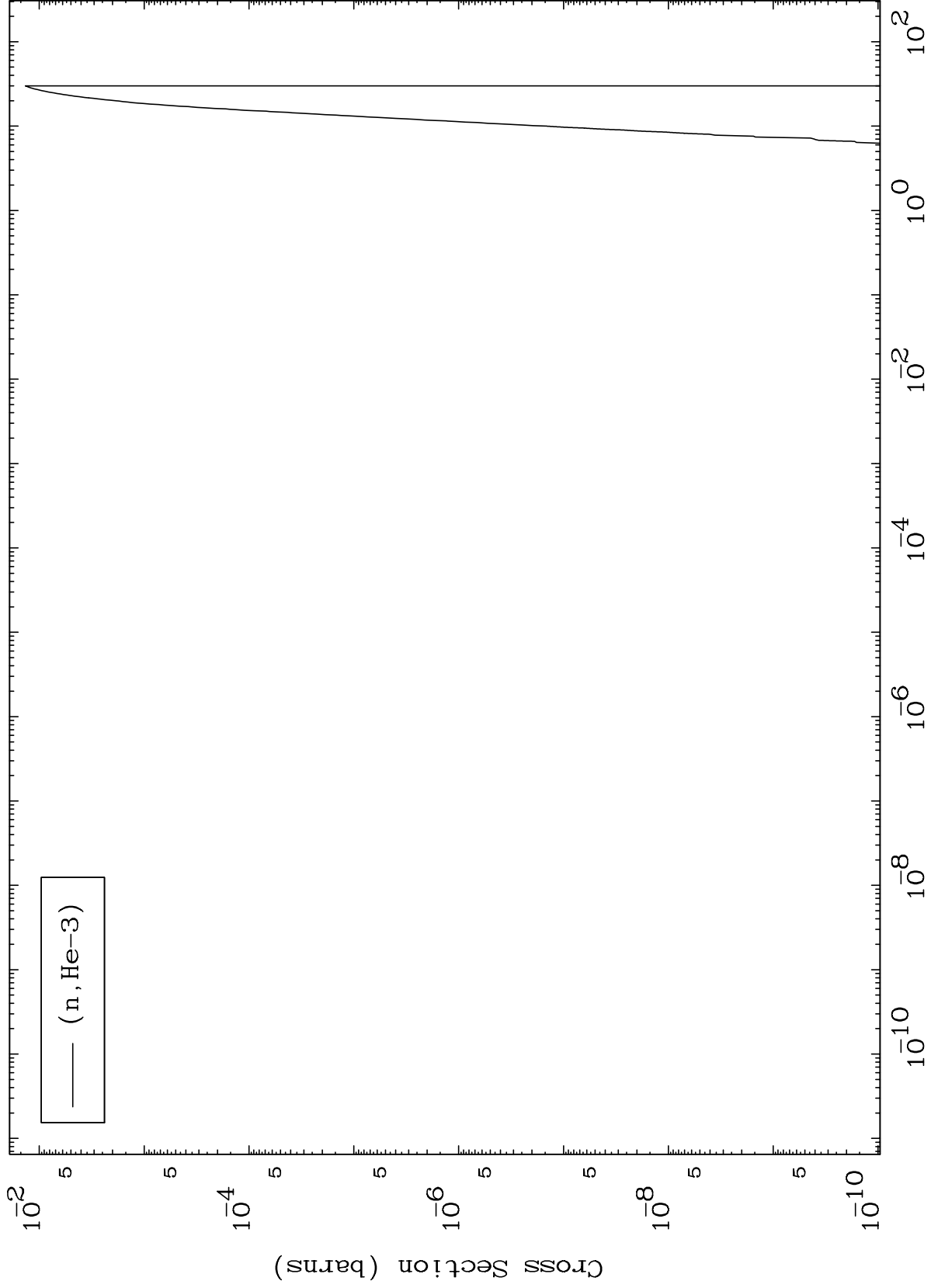
Incident Energy (MeV)

78-Pt-175

MAT 7780

(n,He3) Levels
293 Kelvin Cross Sections

78-Pt-175



15

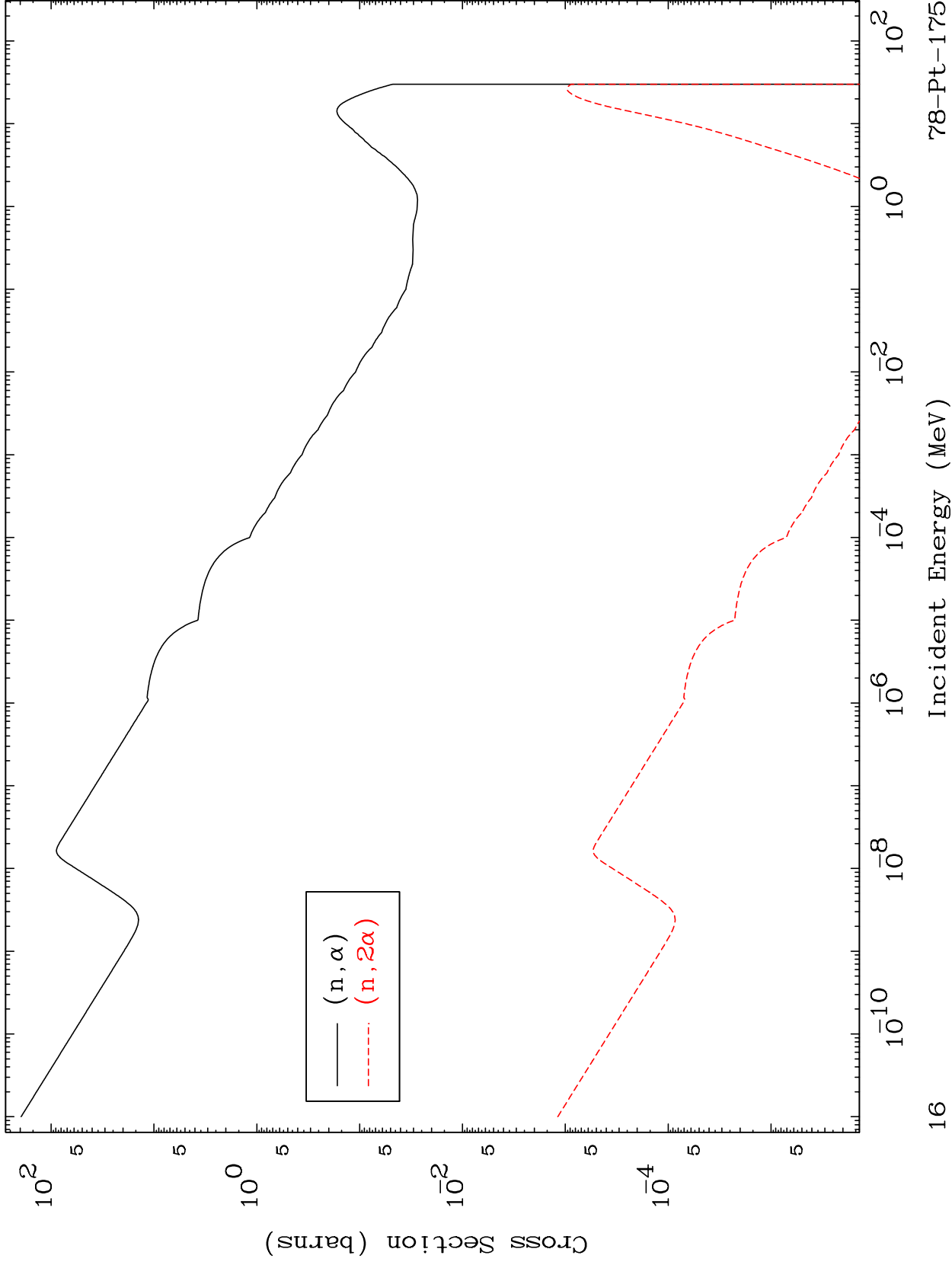
Incident Energy (MeV)

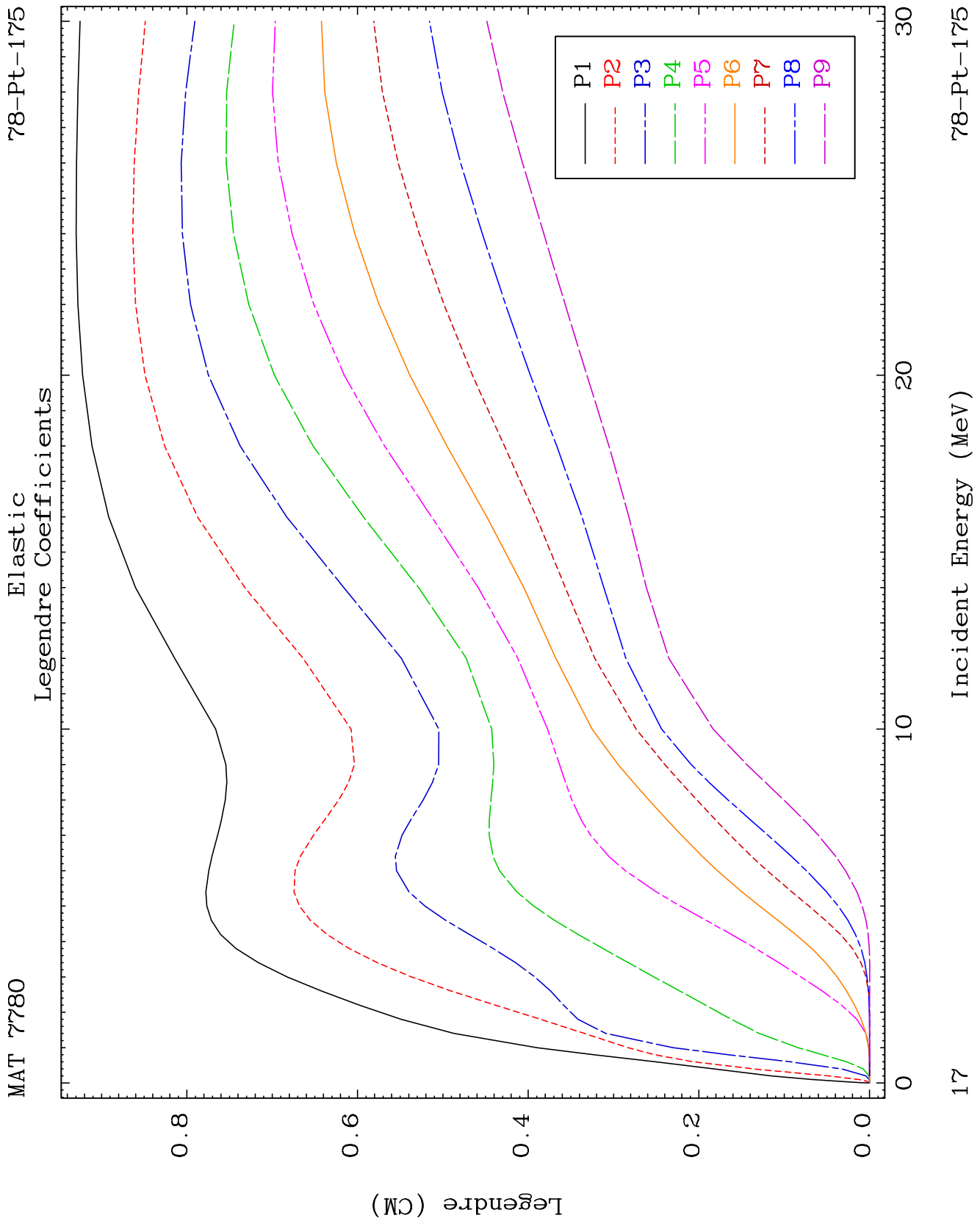
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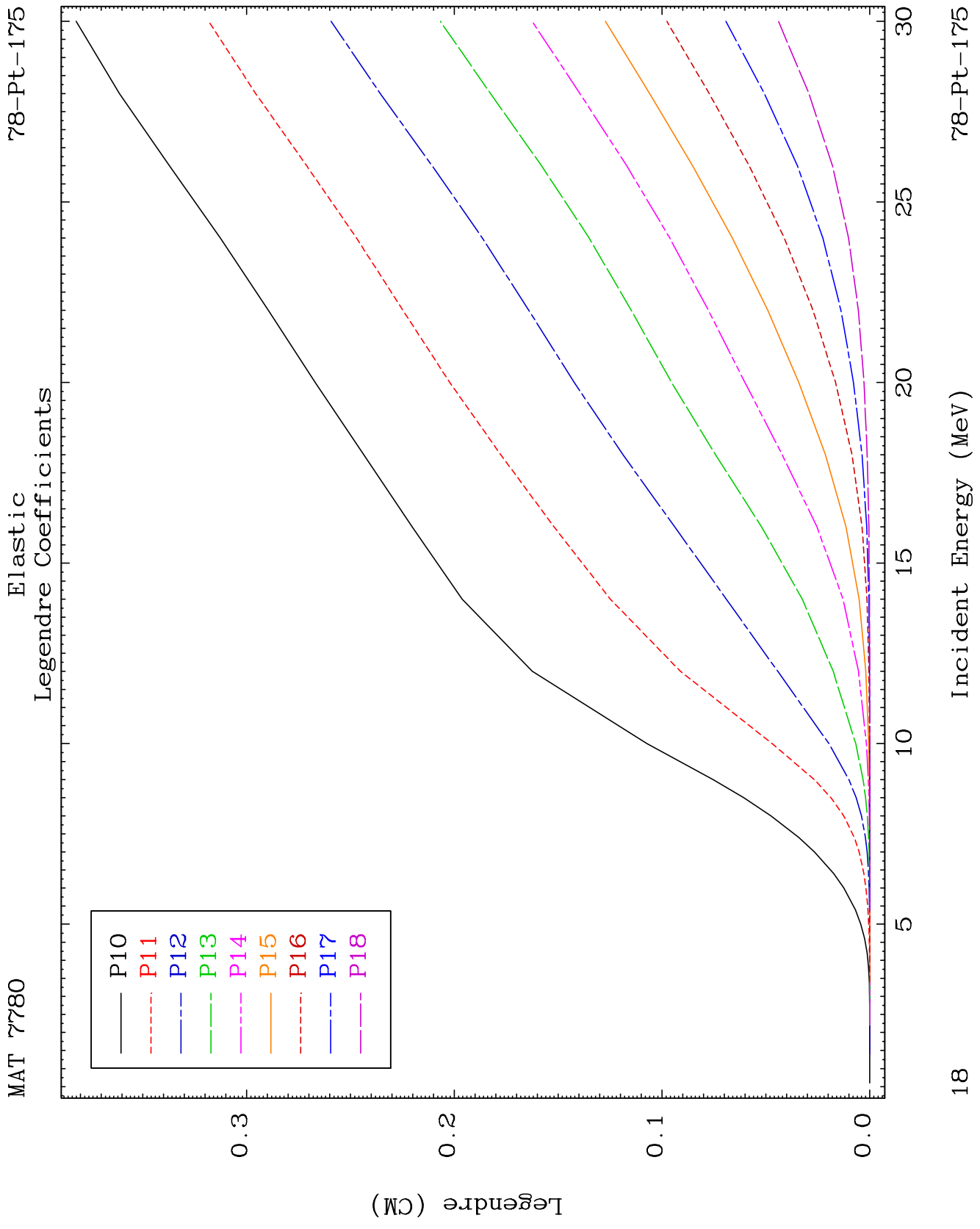
MAT 7780

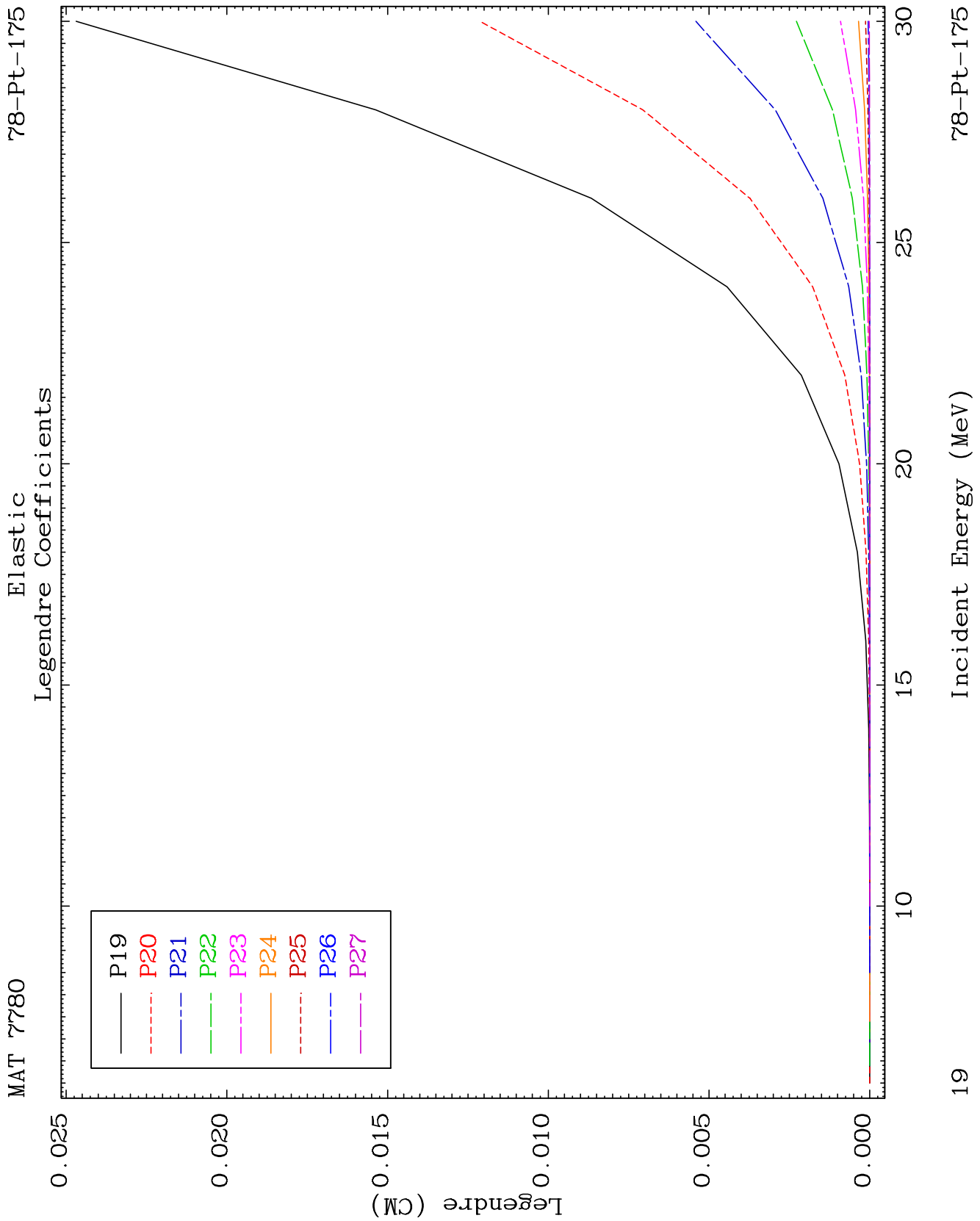
(n,α) Levels
293 Kelvin Cross Sections

78-Pt-175





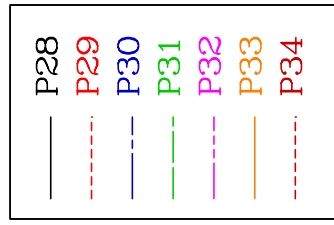




MAT 7780

Elastic
Legendre Coefficients

78-Pt-175

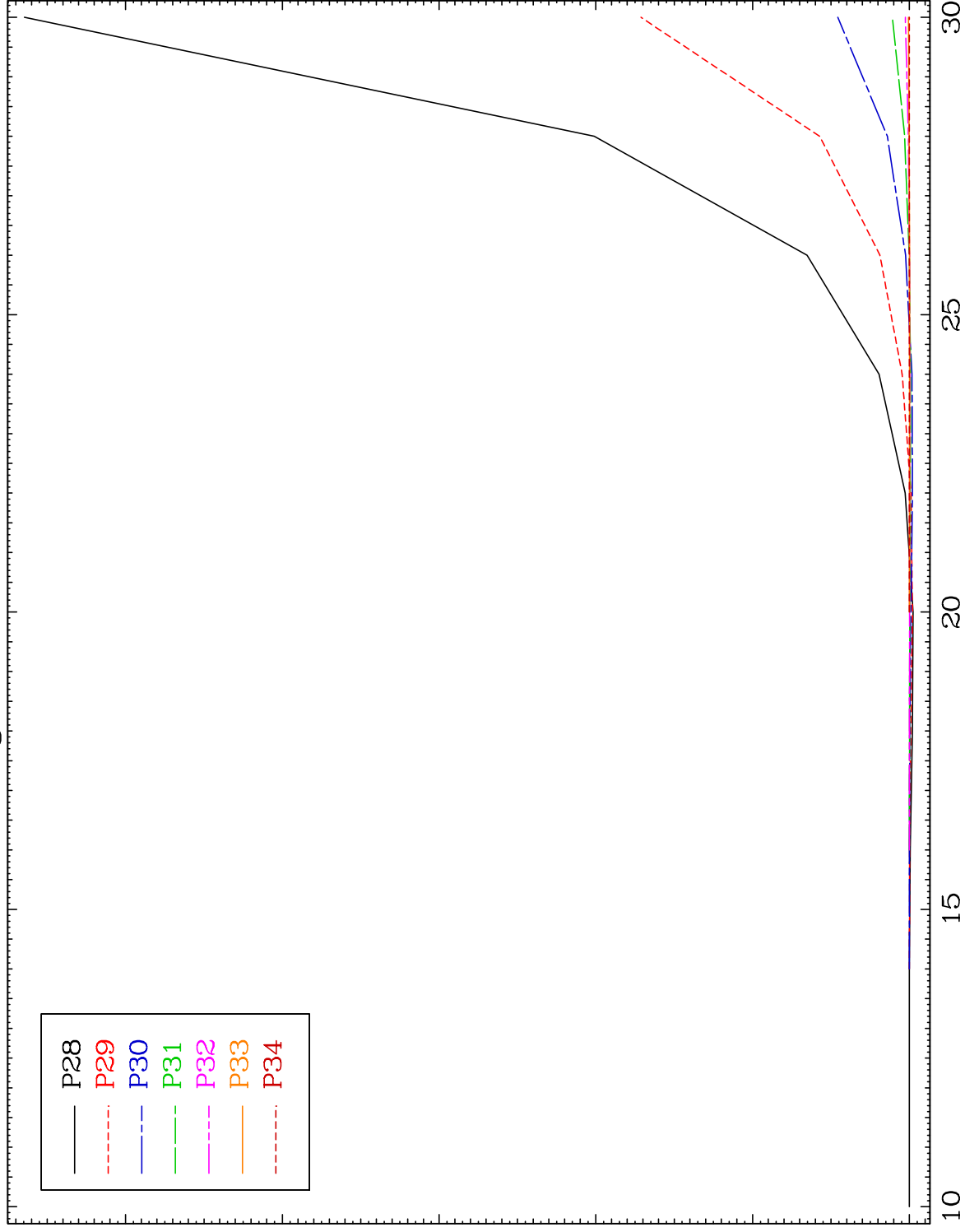


$\times 10^{-6}$

Legendre (CM)

Incident Energy (MeV)

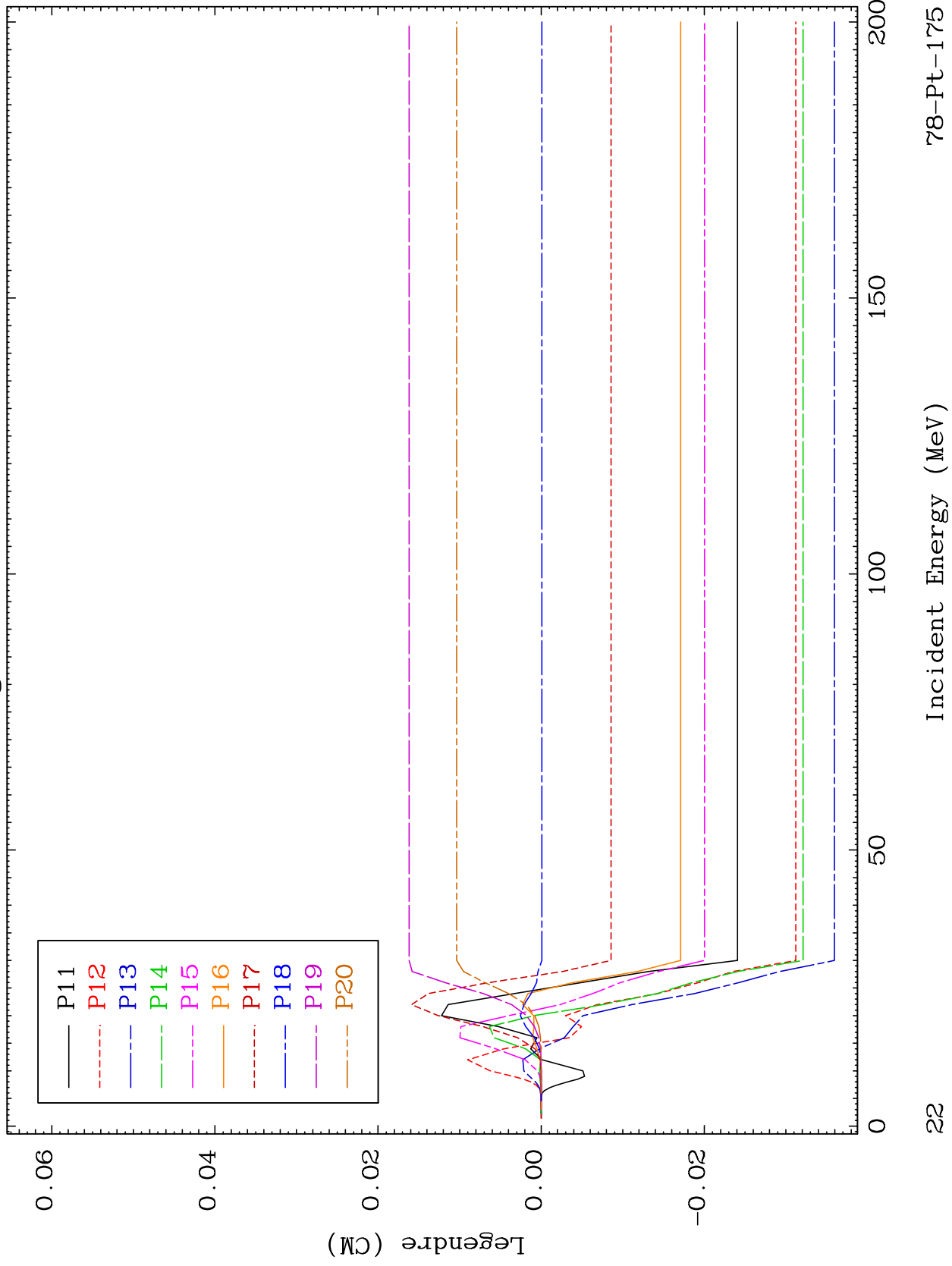
78-Pt-175



MAT 7780

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

78-Pt-175

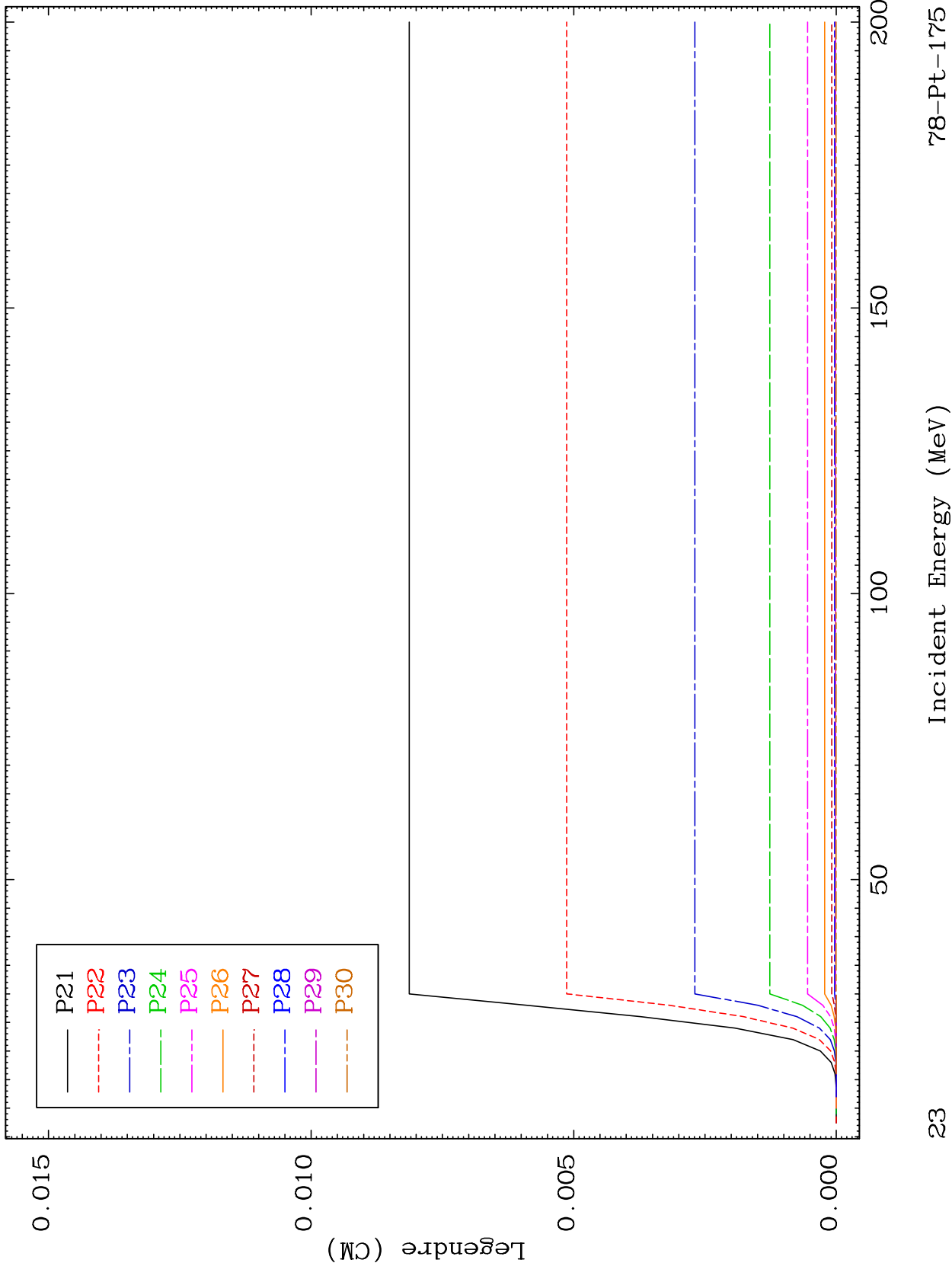


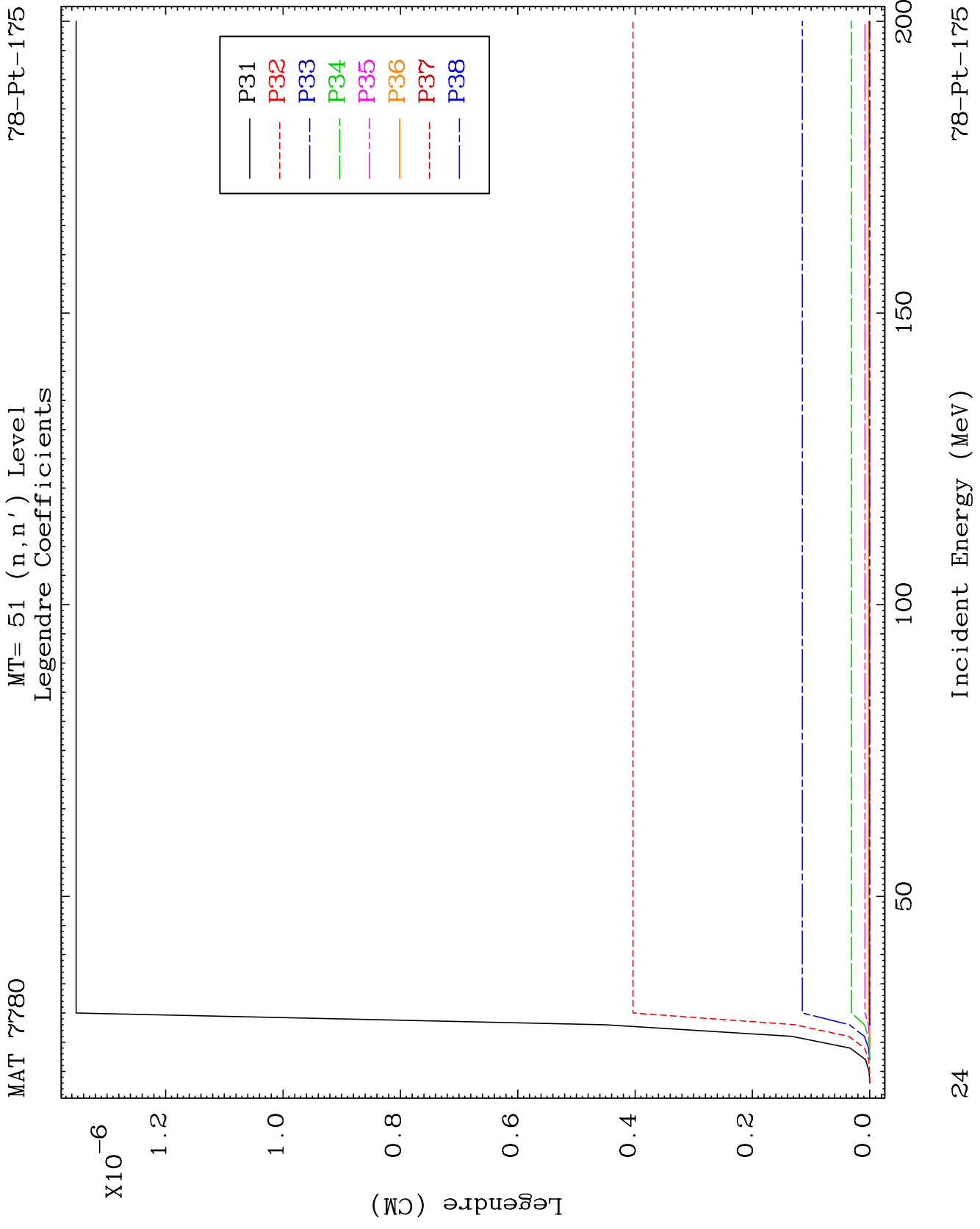
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MAT 7780

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

78-Pt-175

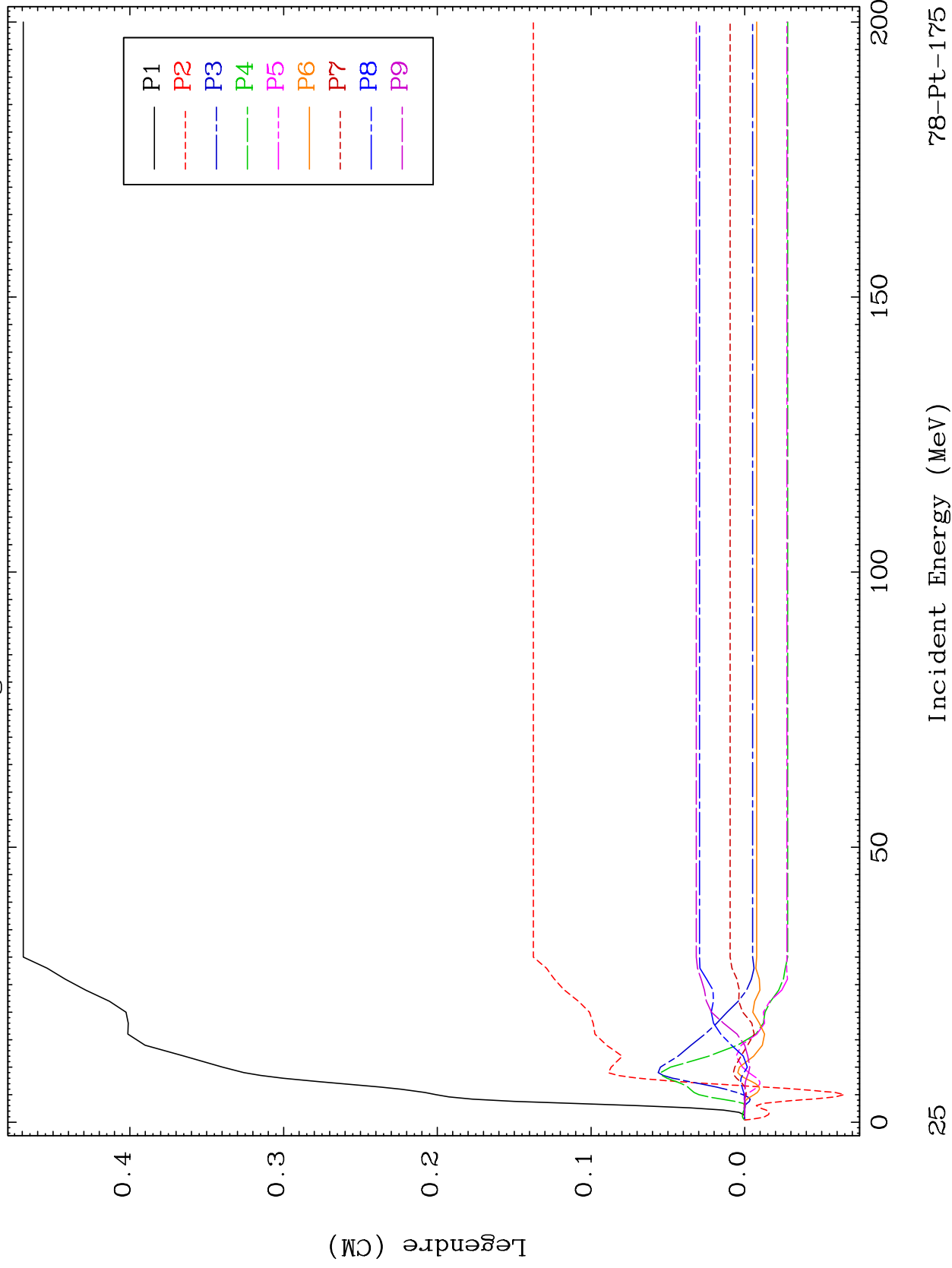




MAT 7780

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

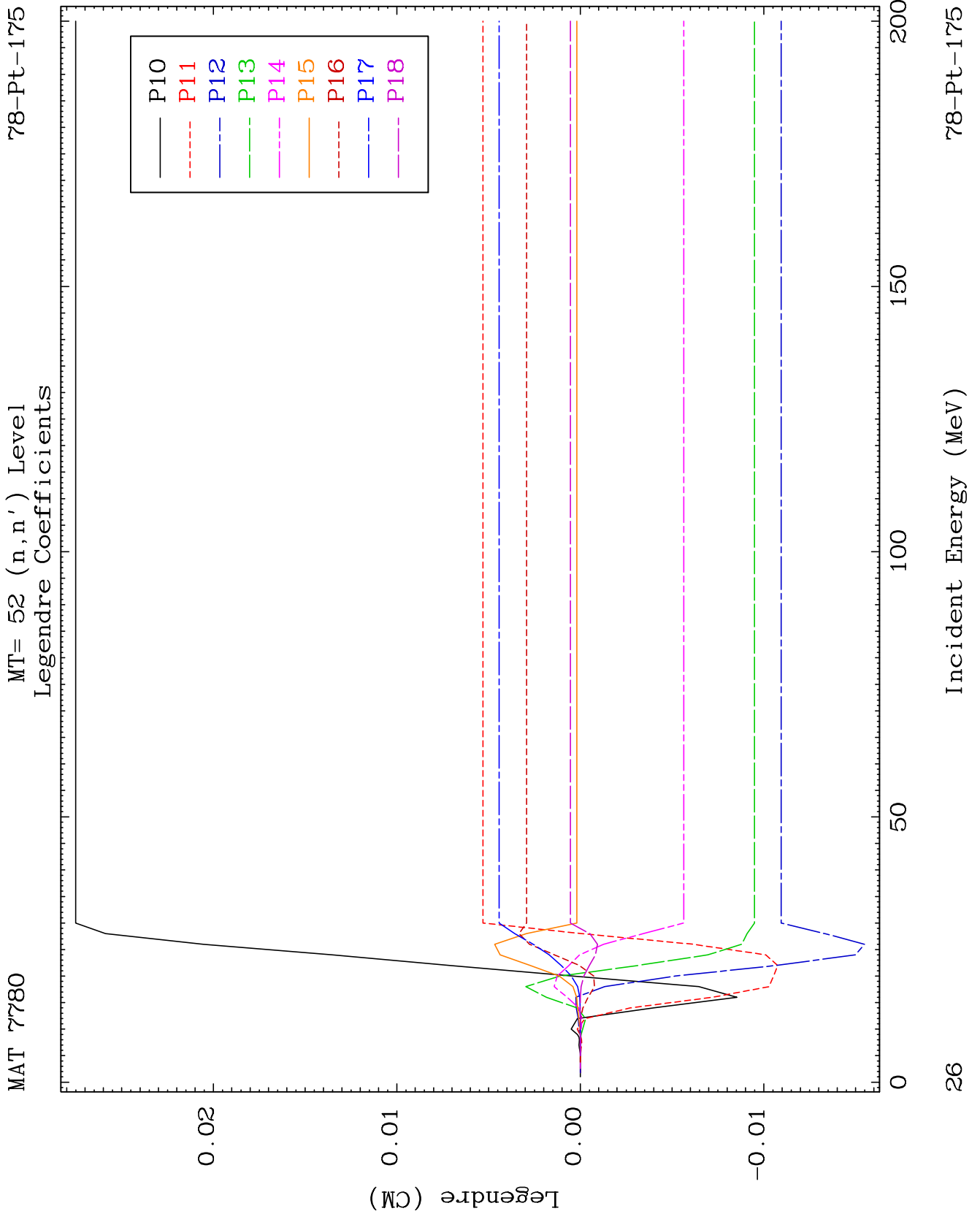
78-Pt-175



78-Pt-175

Incident Energy (MeV)

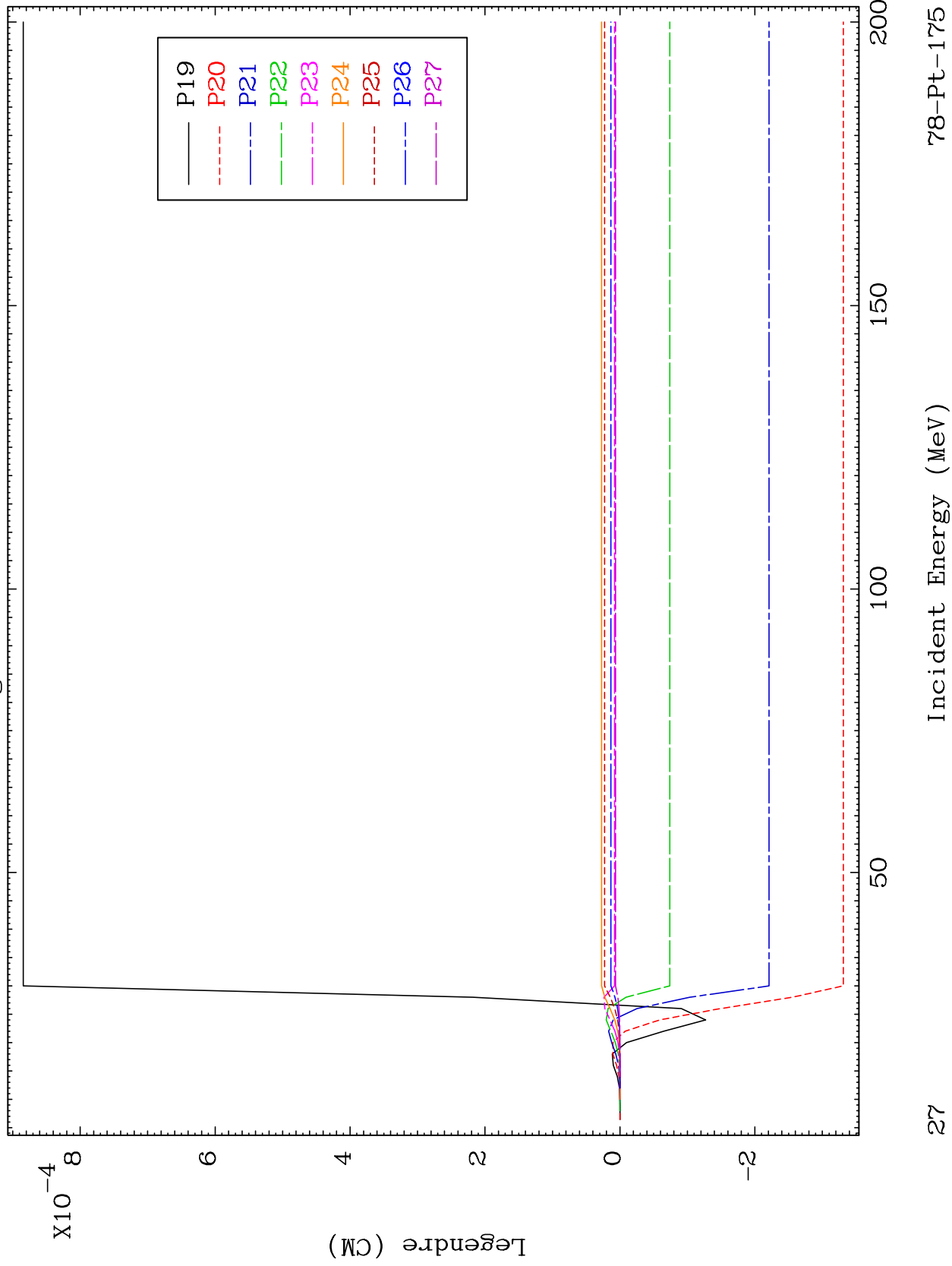
25



MAT 7780

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

78-Pt-175



27

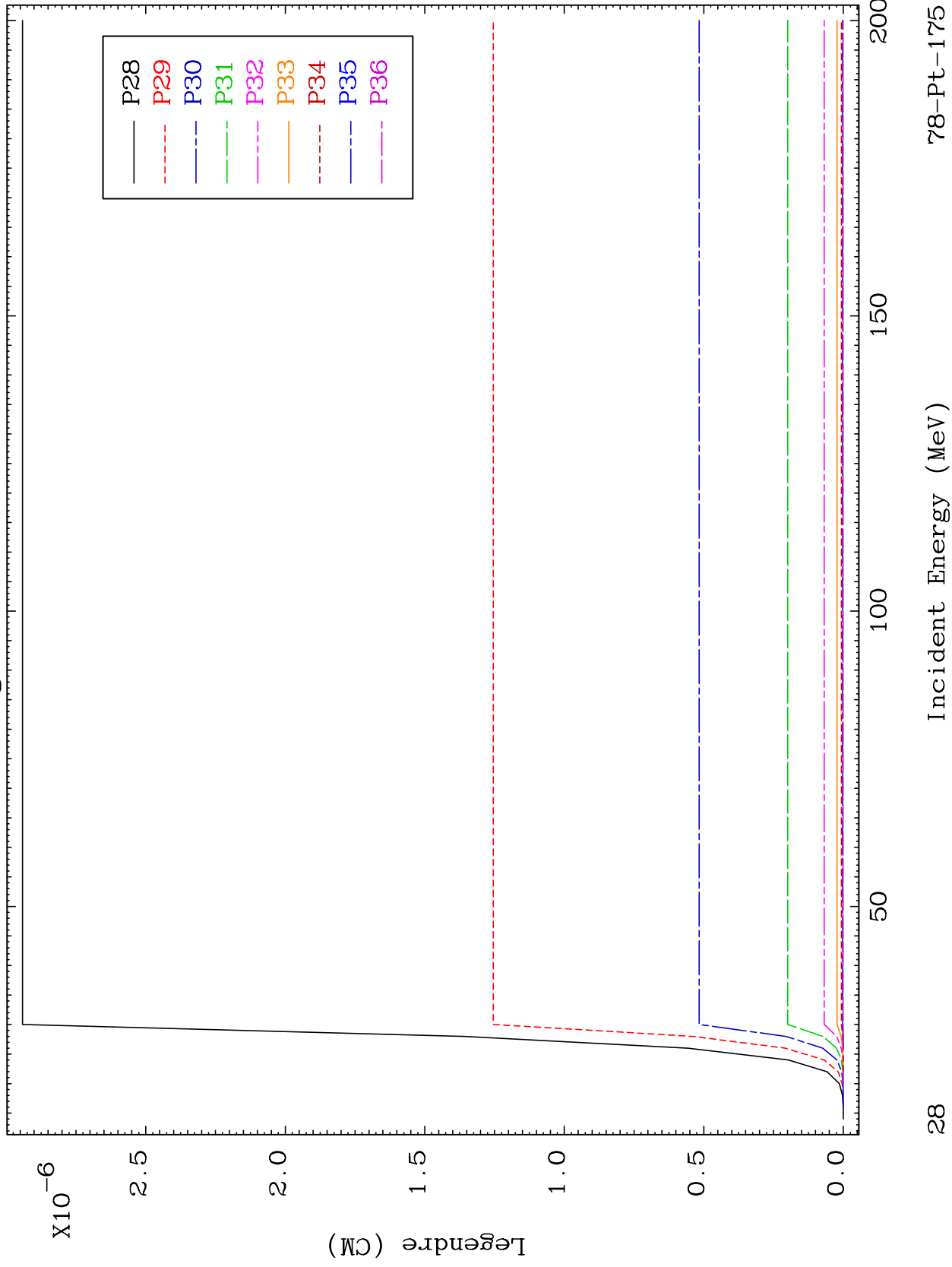
Incident Energy (MeV)

78-Pt-175

MAT 7780

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

78-Pt-175



28

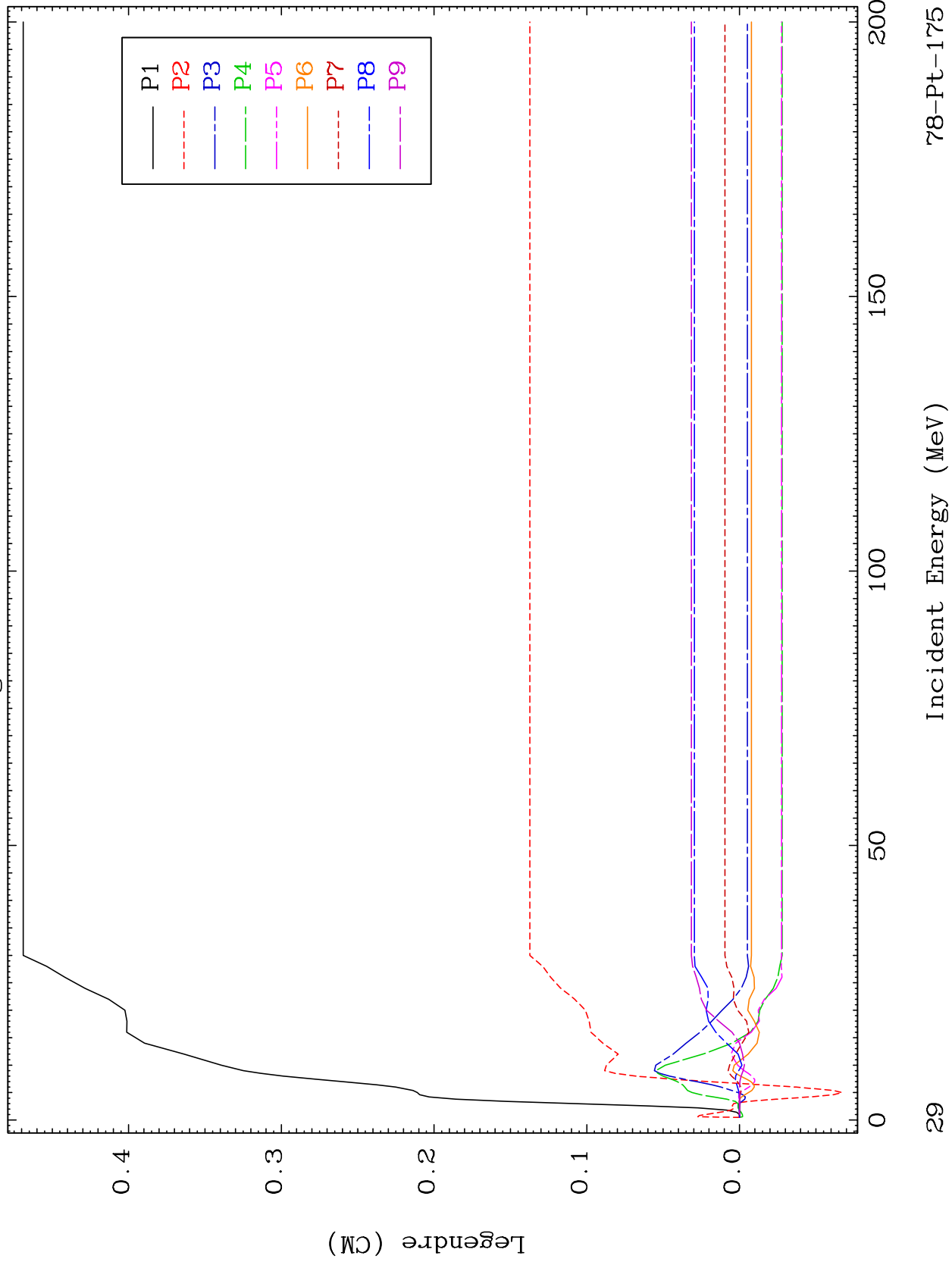
Incident Energy (MeV)

78-Pt-175

MAT 7780

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

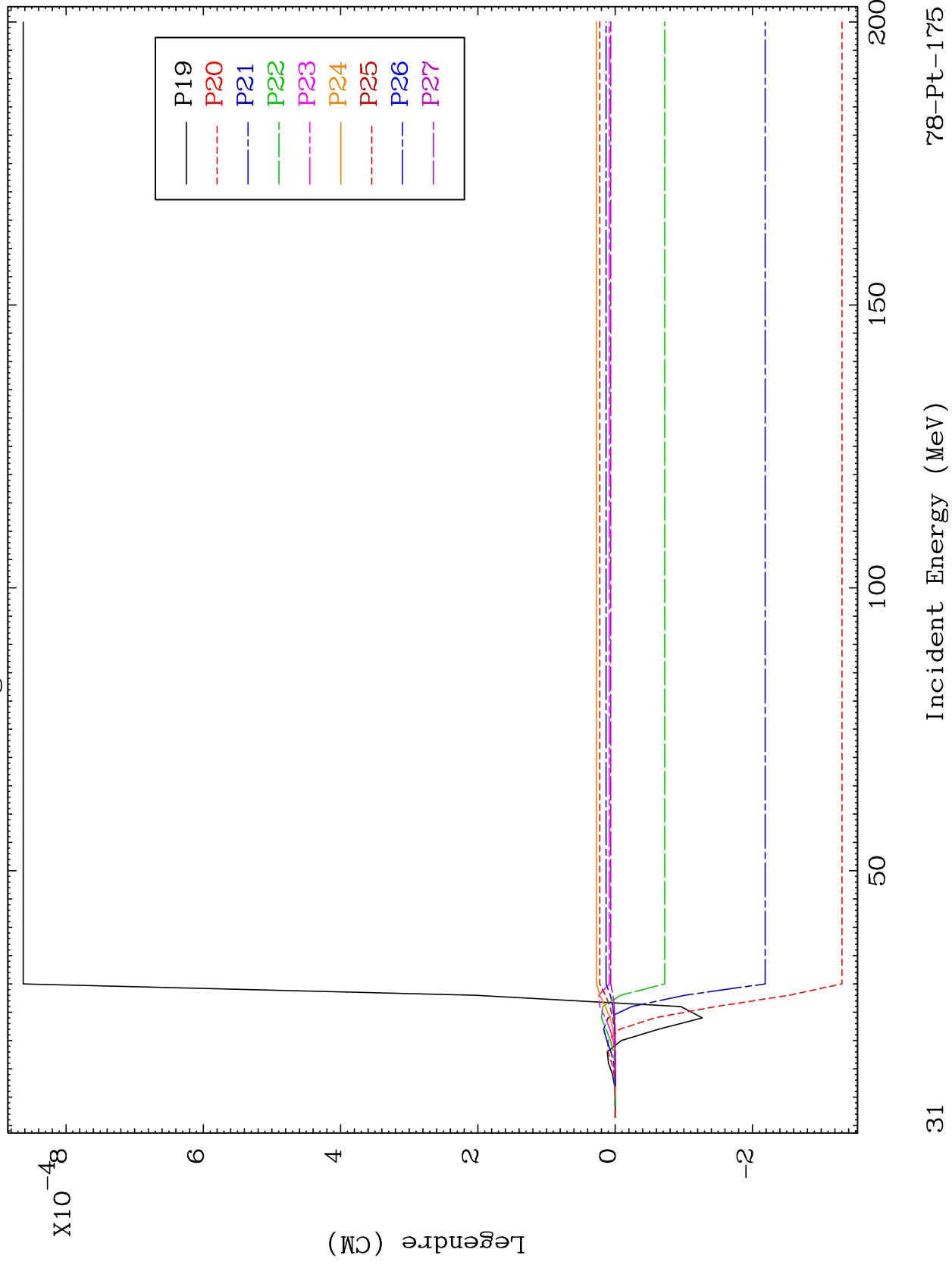
78-Pt-175



MAT 7780

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

78-Pt-175



31

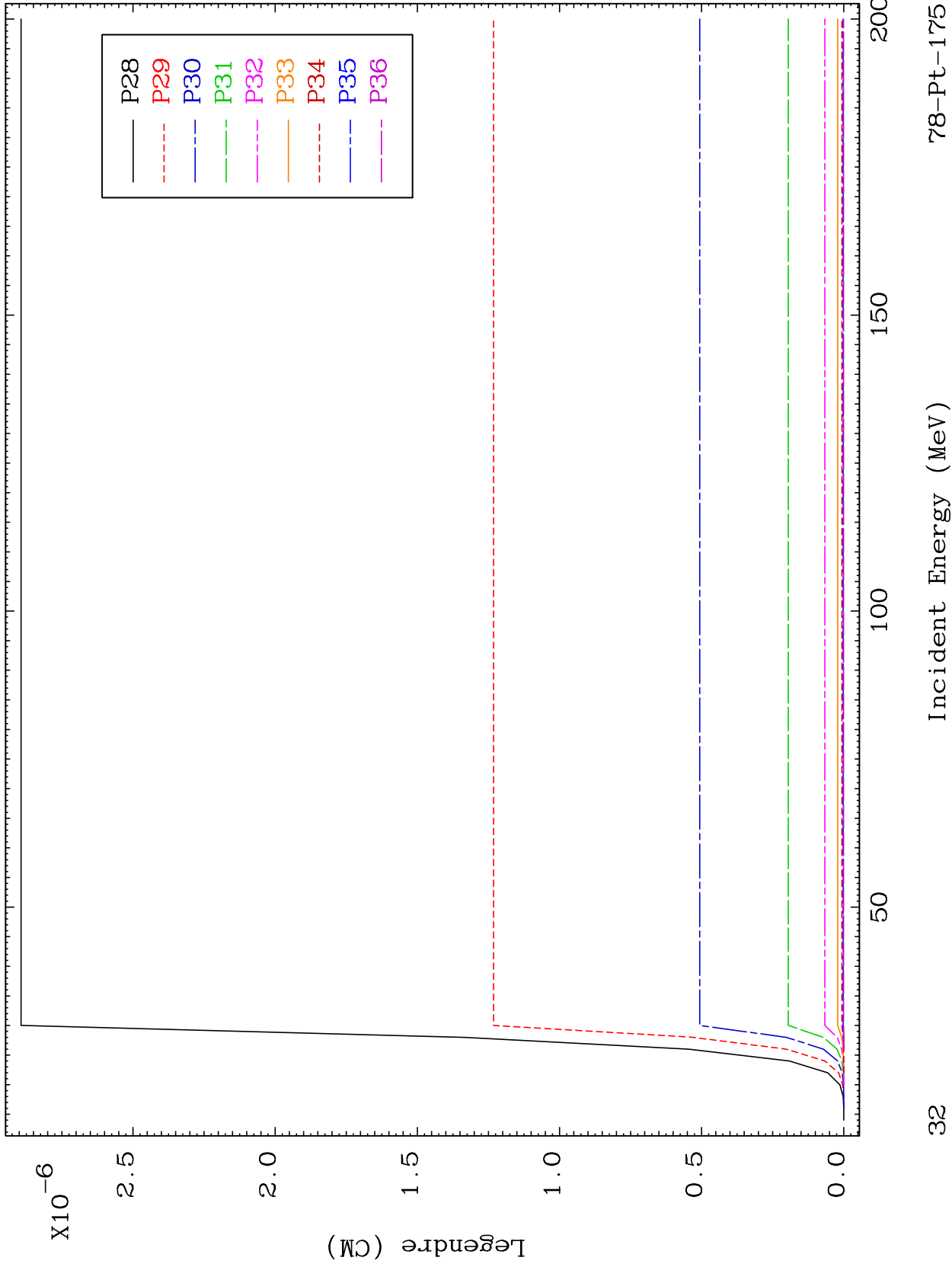
Incident Energy (MeV)

78-Pt-175

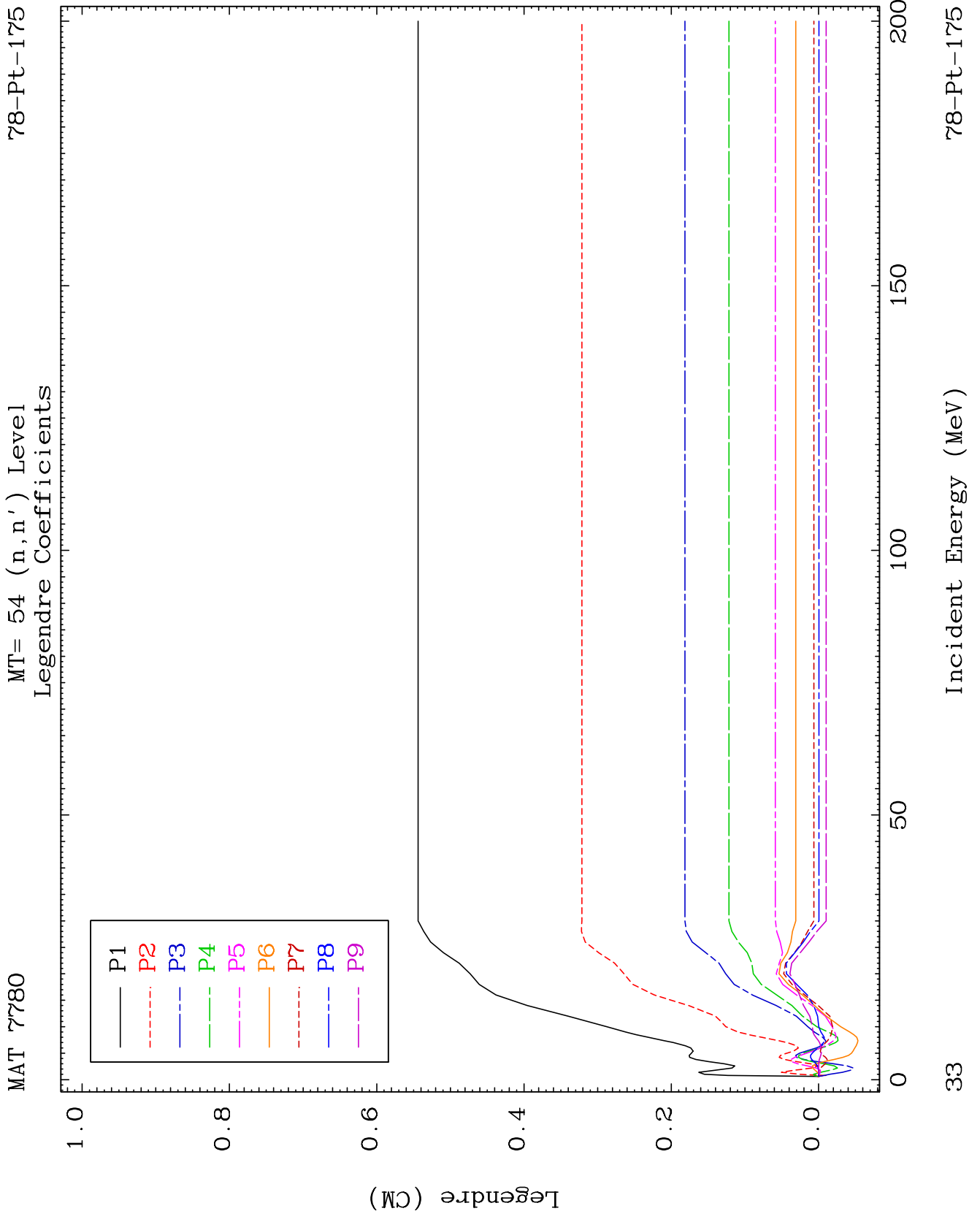
MAT 7780

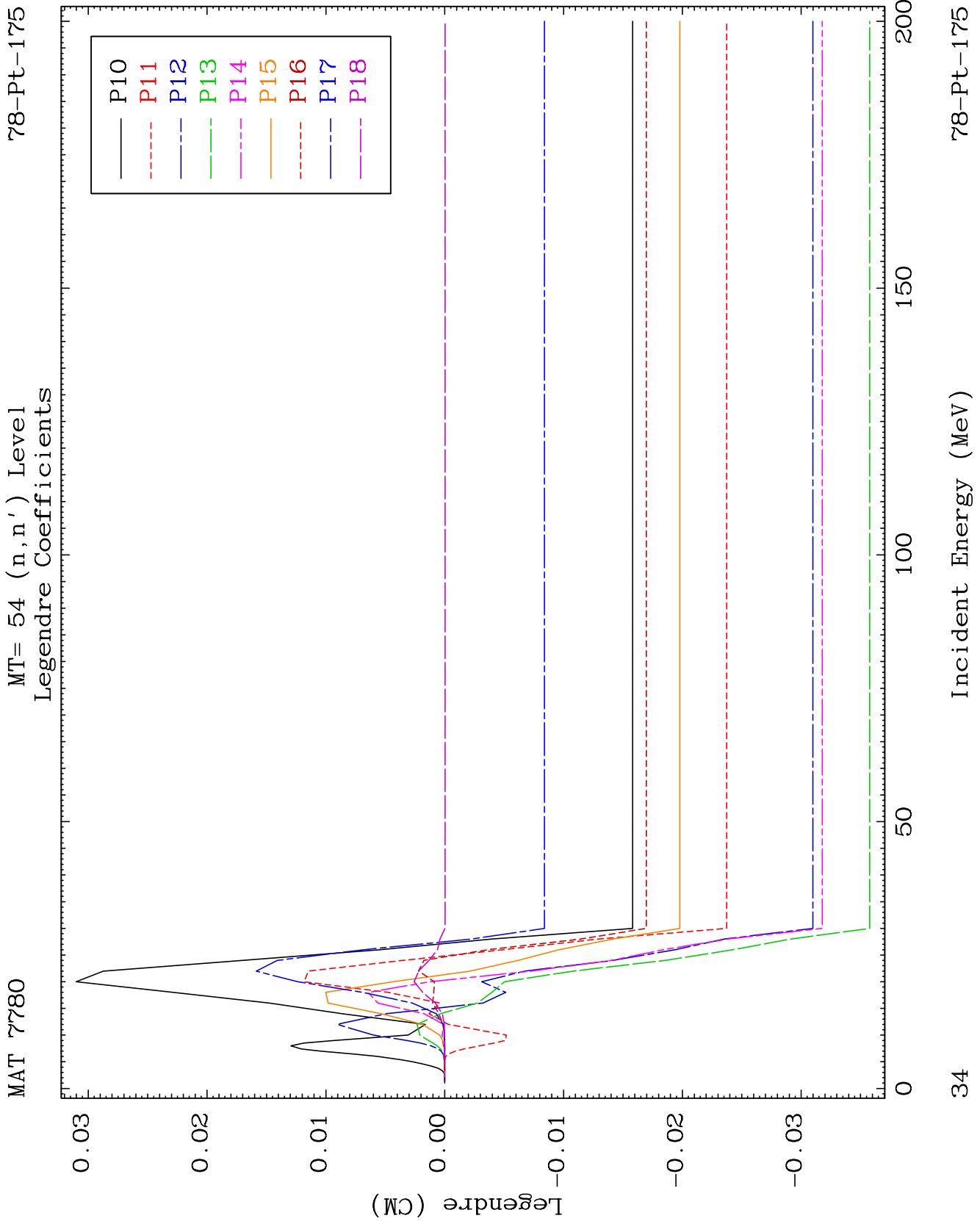
MT= 53 (n,n') Level
Legendre Coefficients

78-Pt-175



32

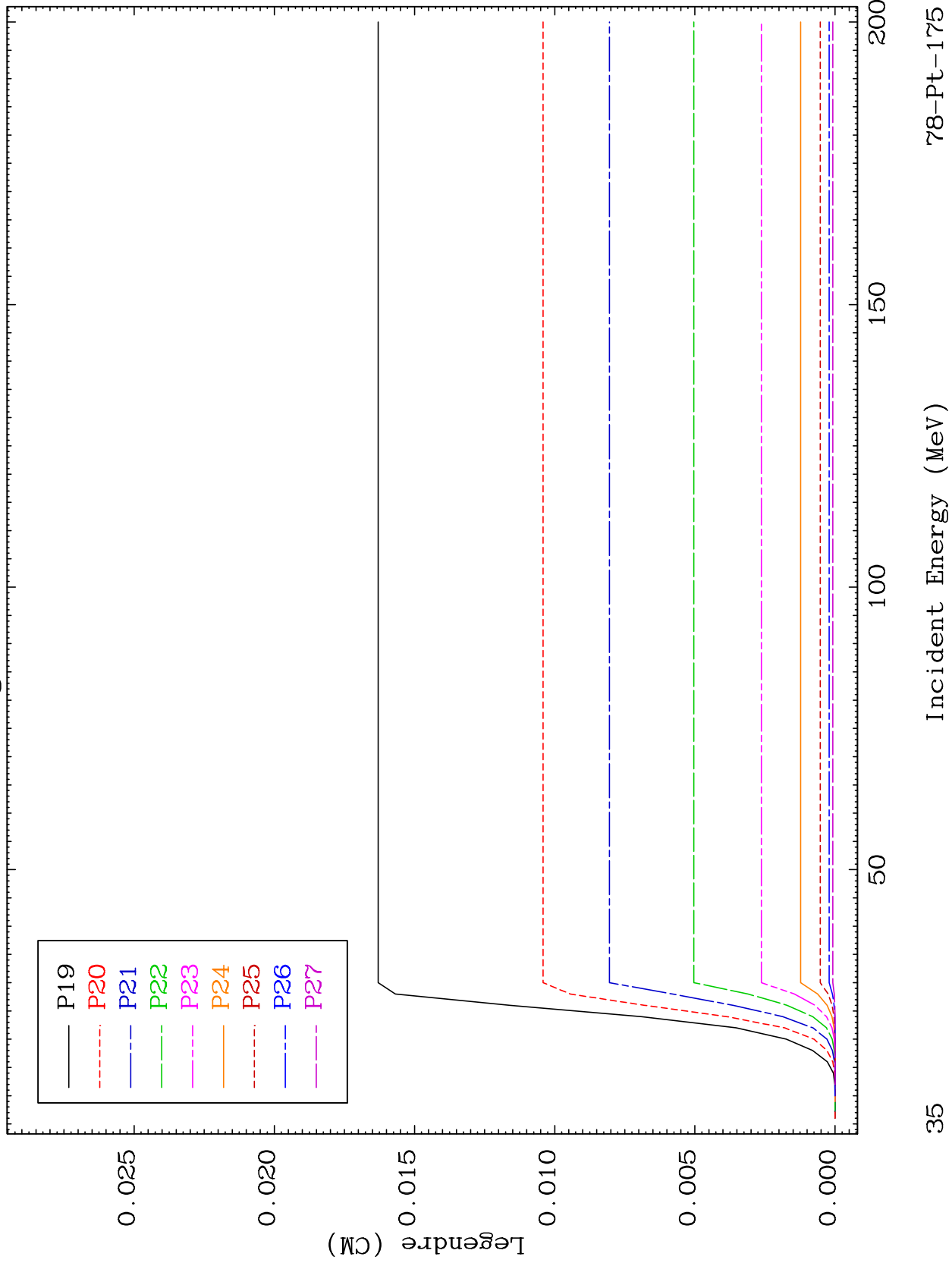




MAT 7780

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

78-Pt-175



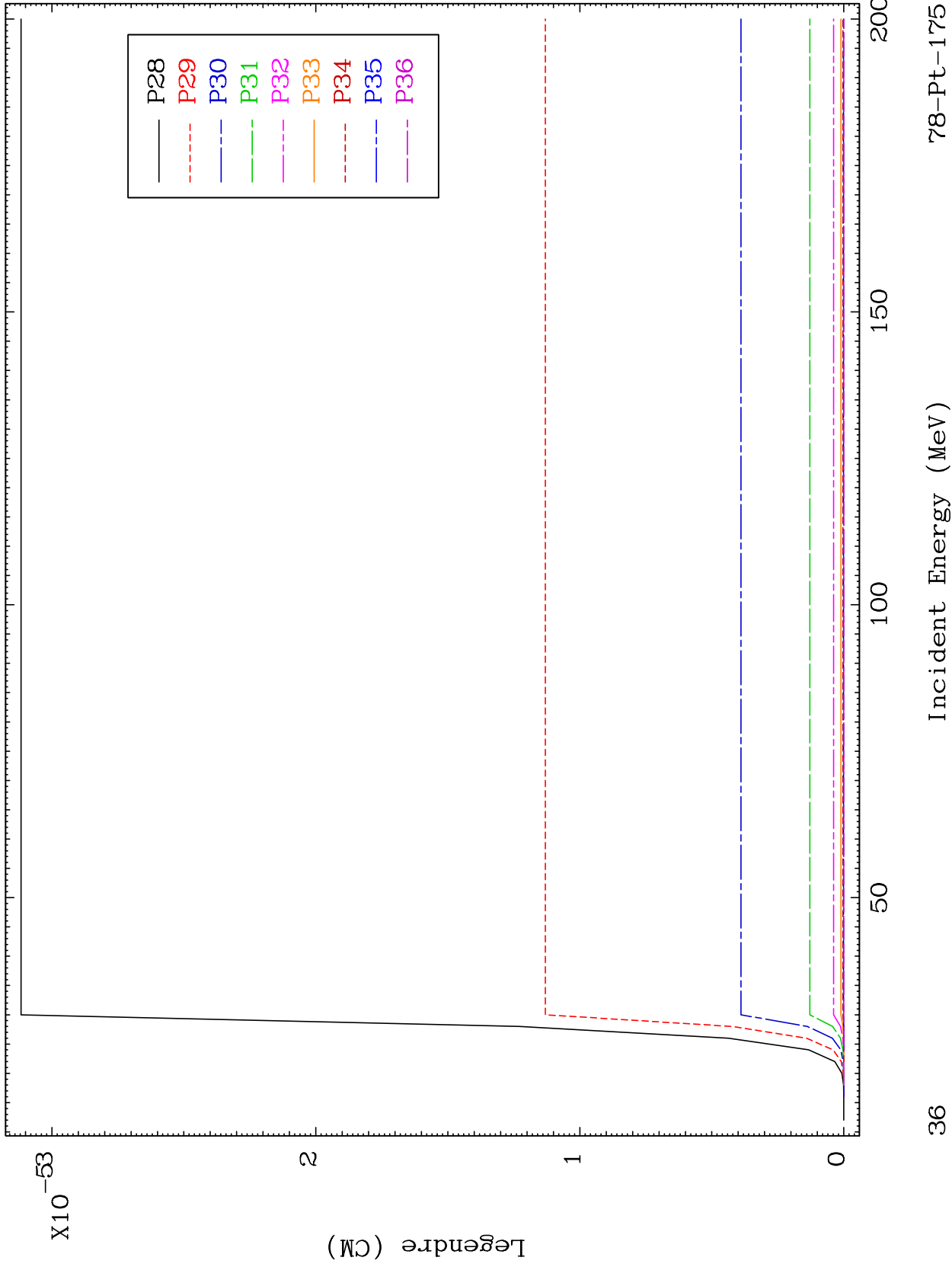
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78-Pt-175

MAT 7780

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

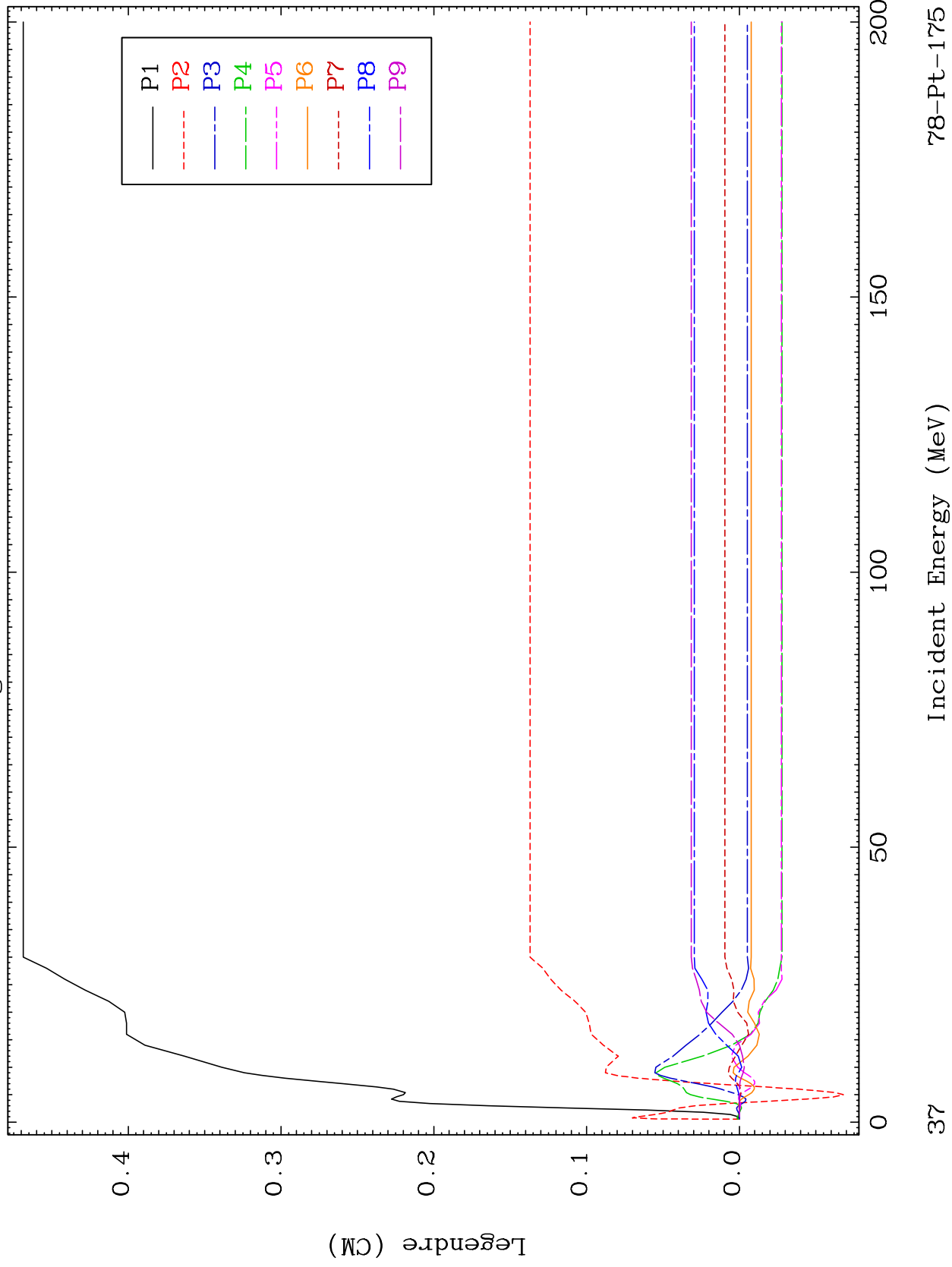
78-Pt-175



MAT 7780

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

78-Pt-175



78-Pt-175

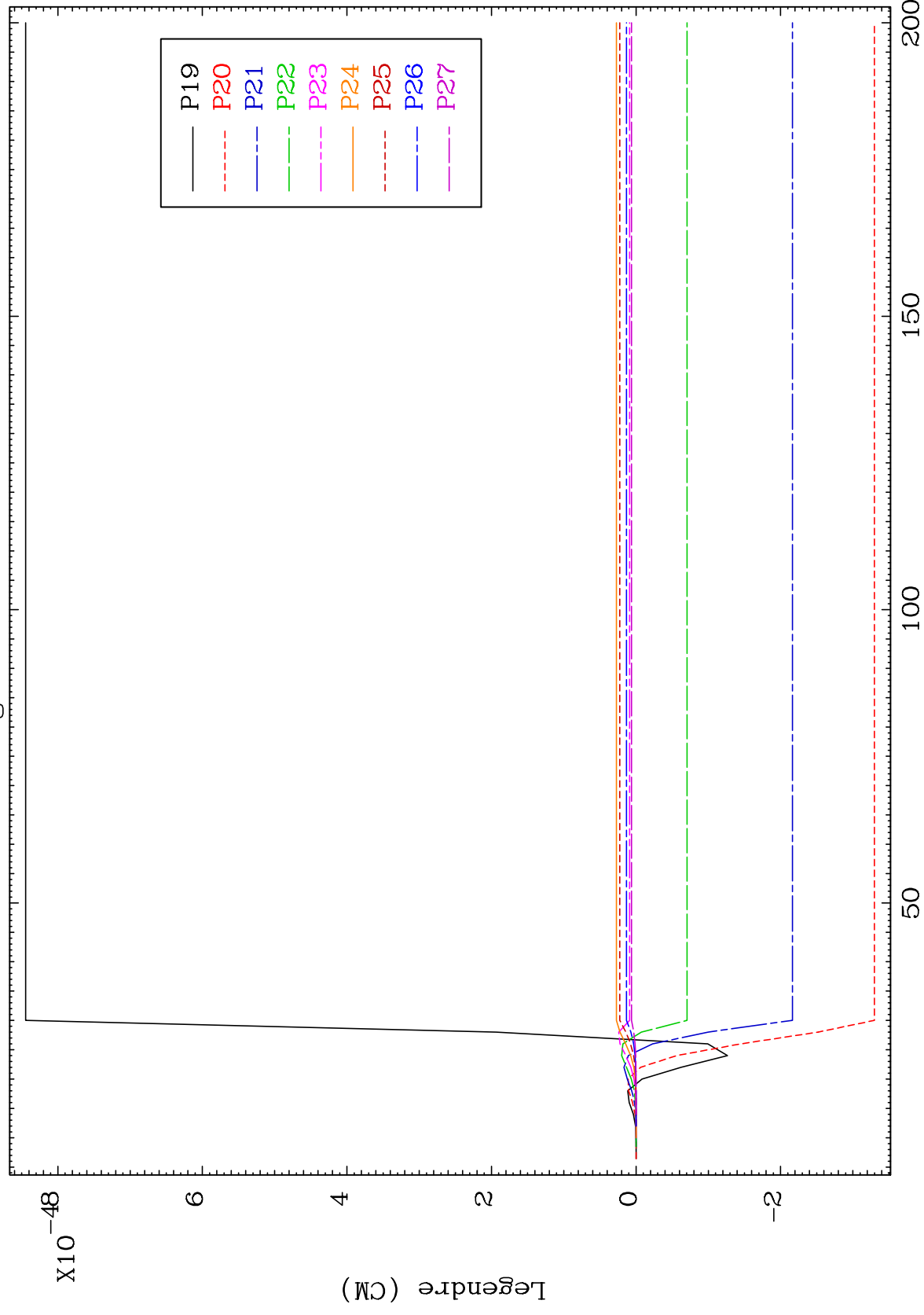
Incident Energy (MeV)

37

MAT 7780

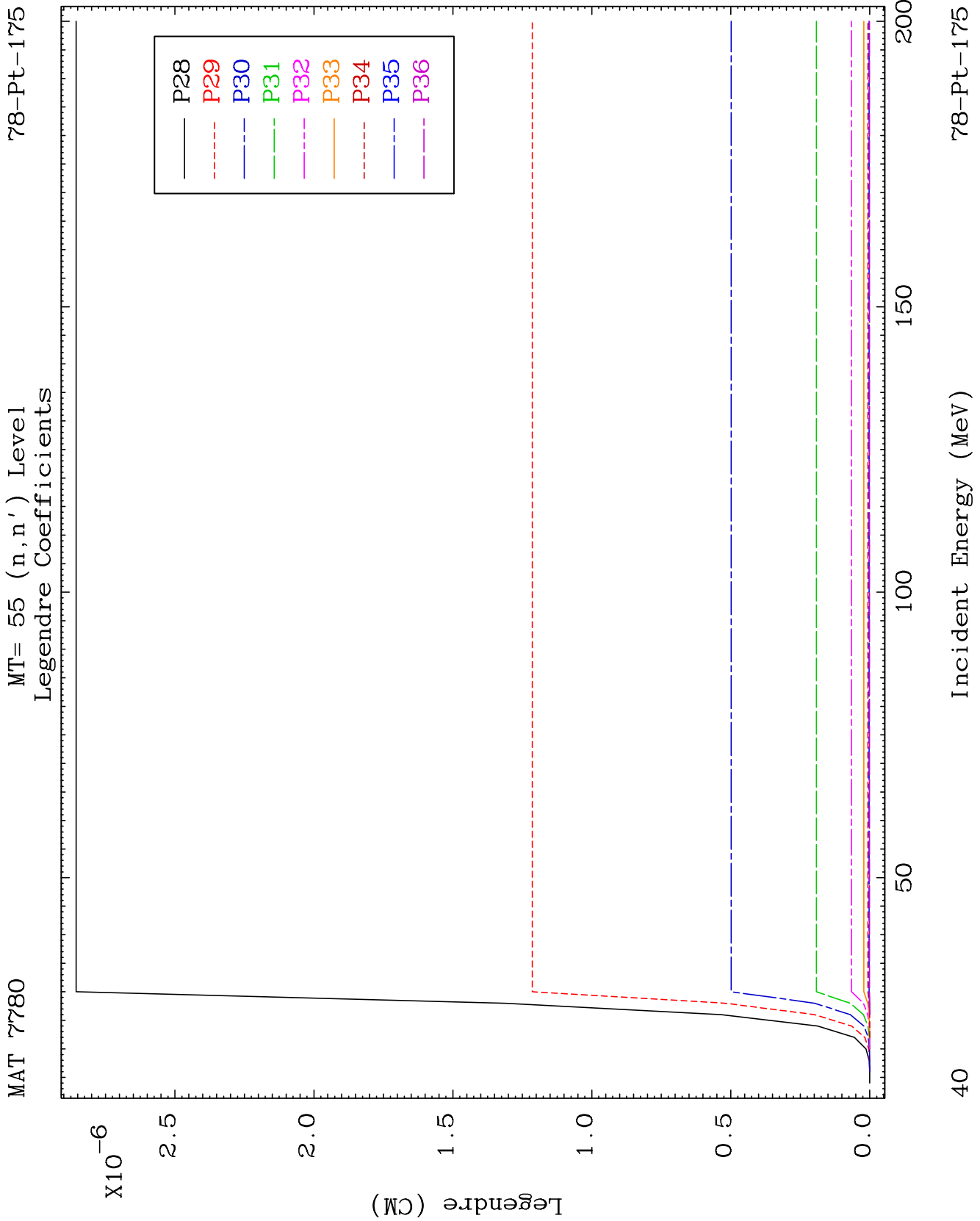
MT= 55 (n,n') Level
Legendre Coefficients

78-Pt-175



39

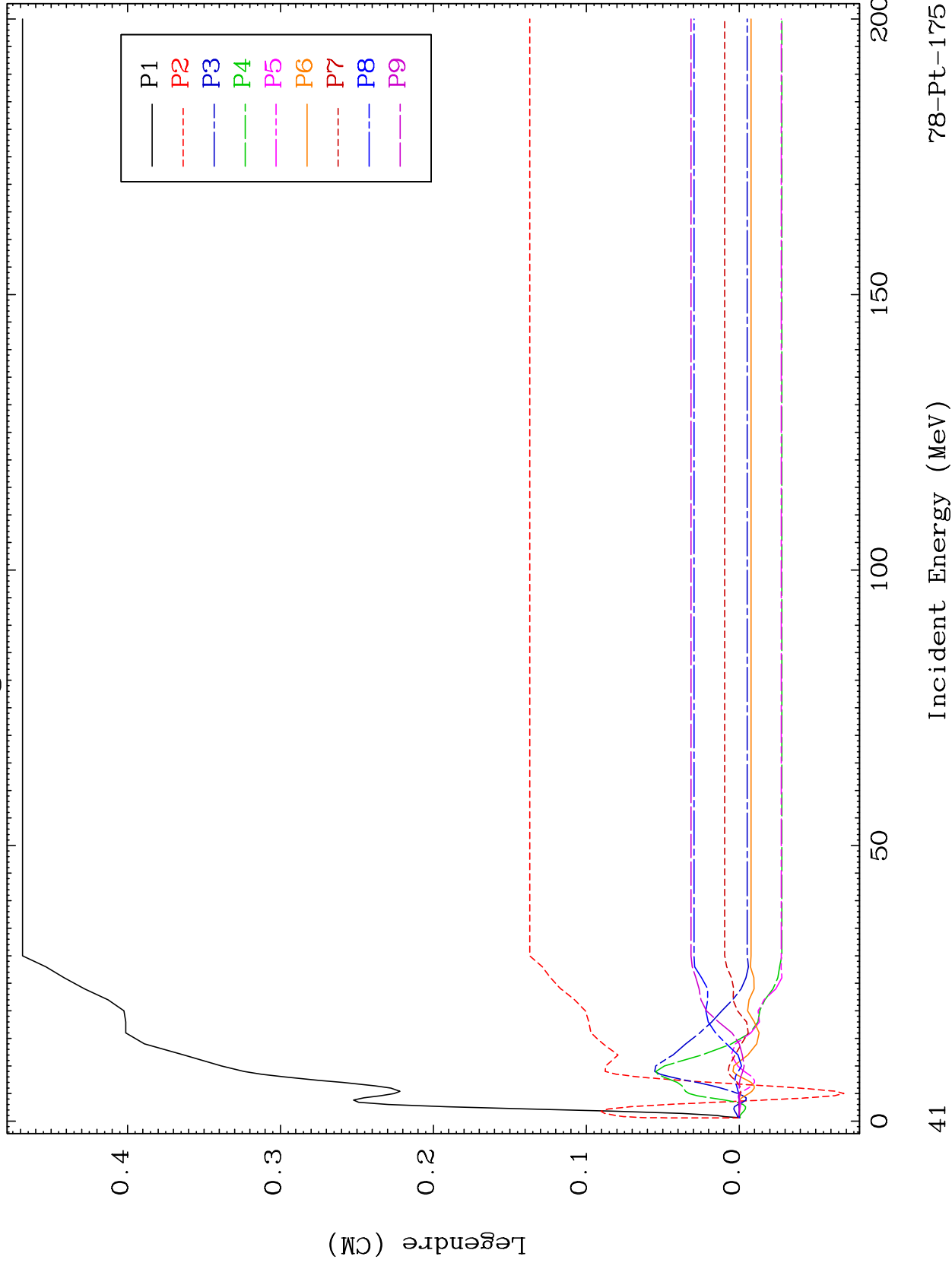
78-Pt-175



MAT 7780

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

78-Pt-175



41

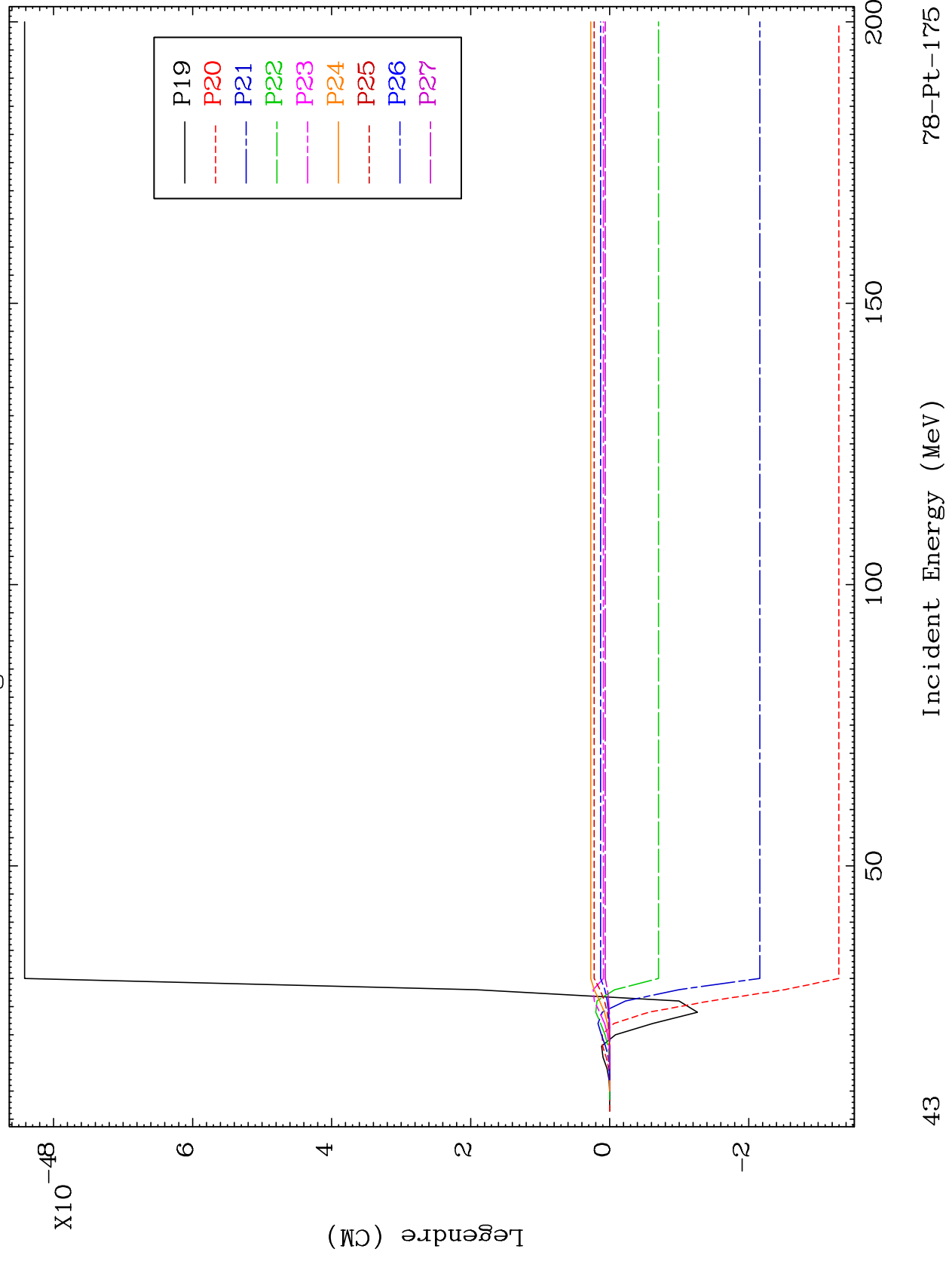
Incident Energy (MeV)

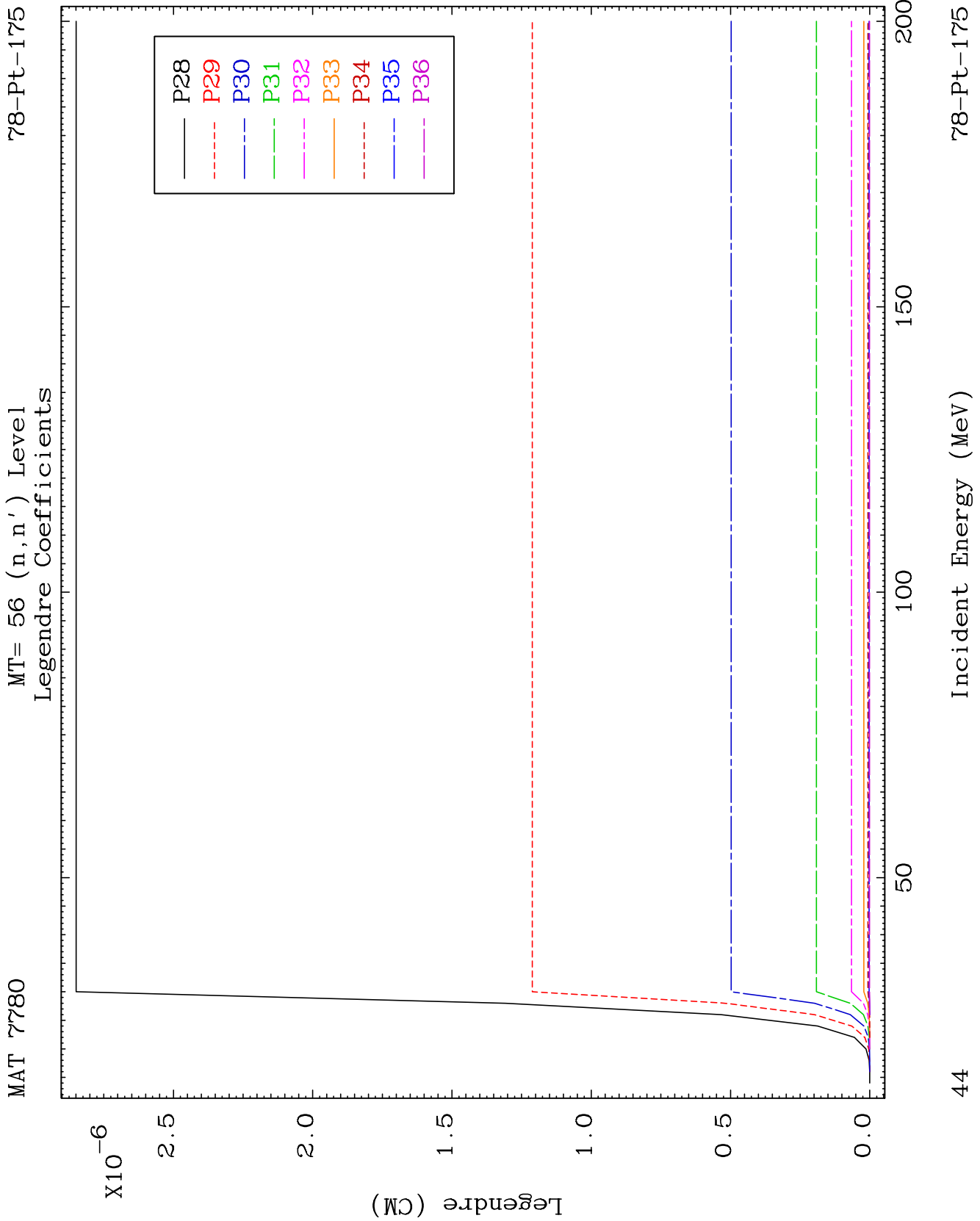
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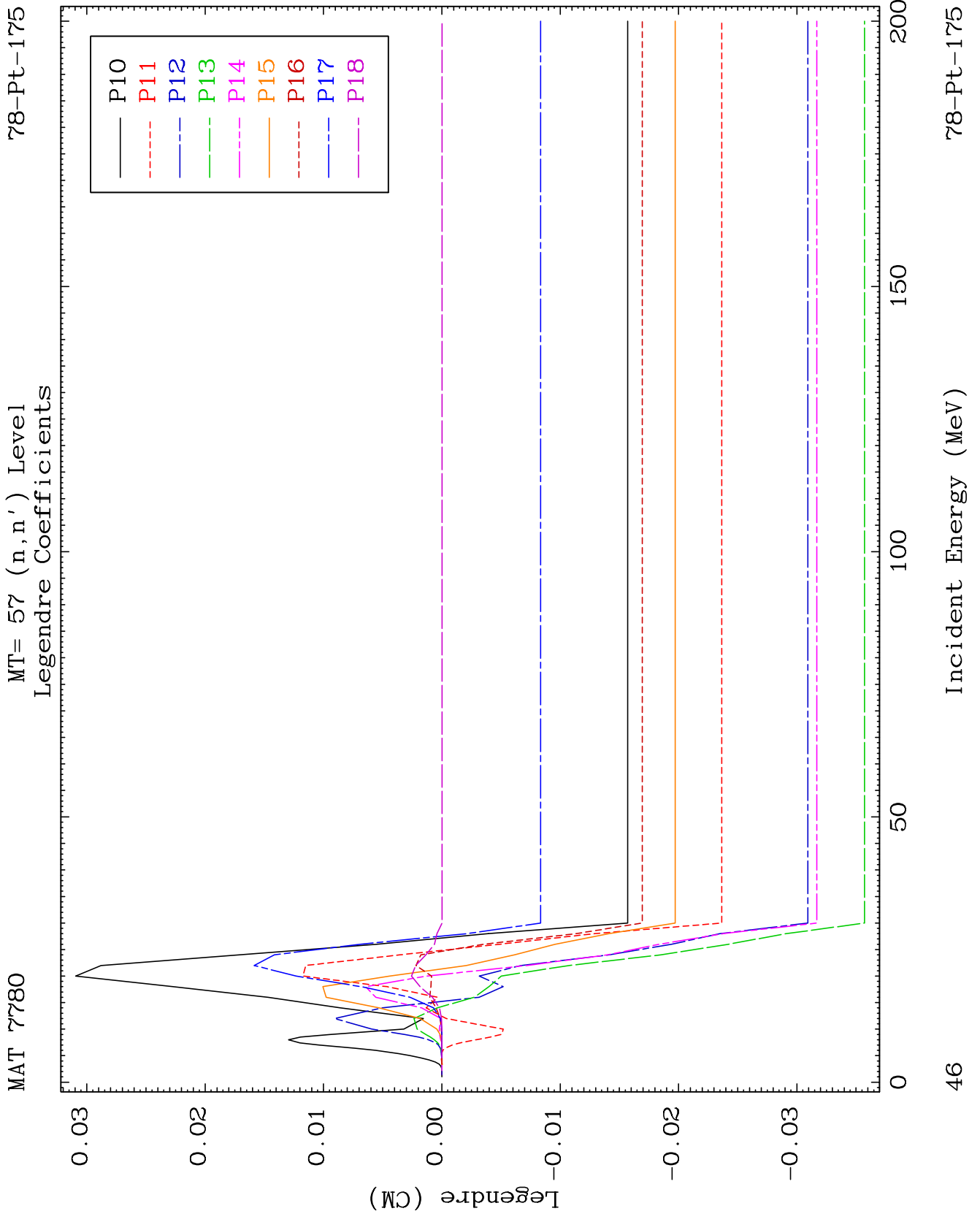
MAT 7780

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

78-Pt-175



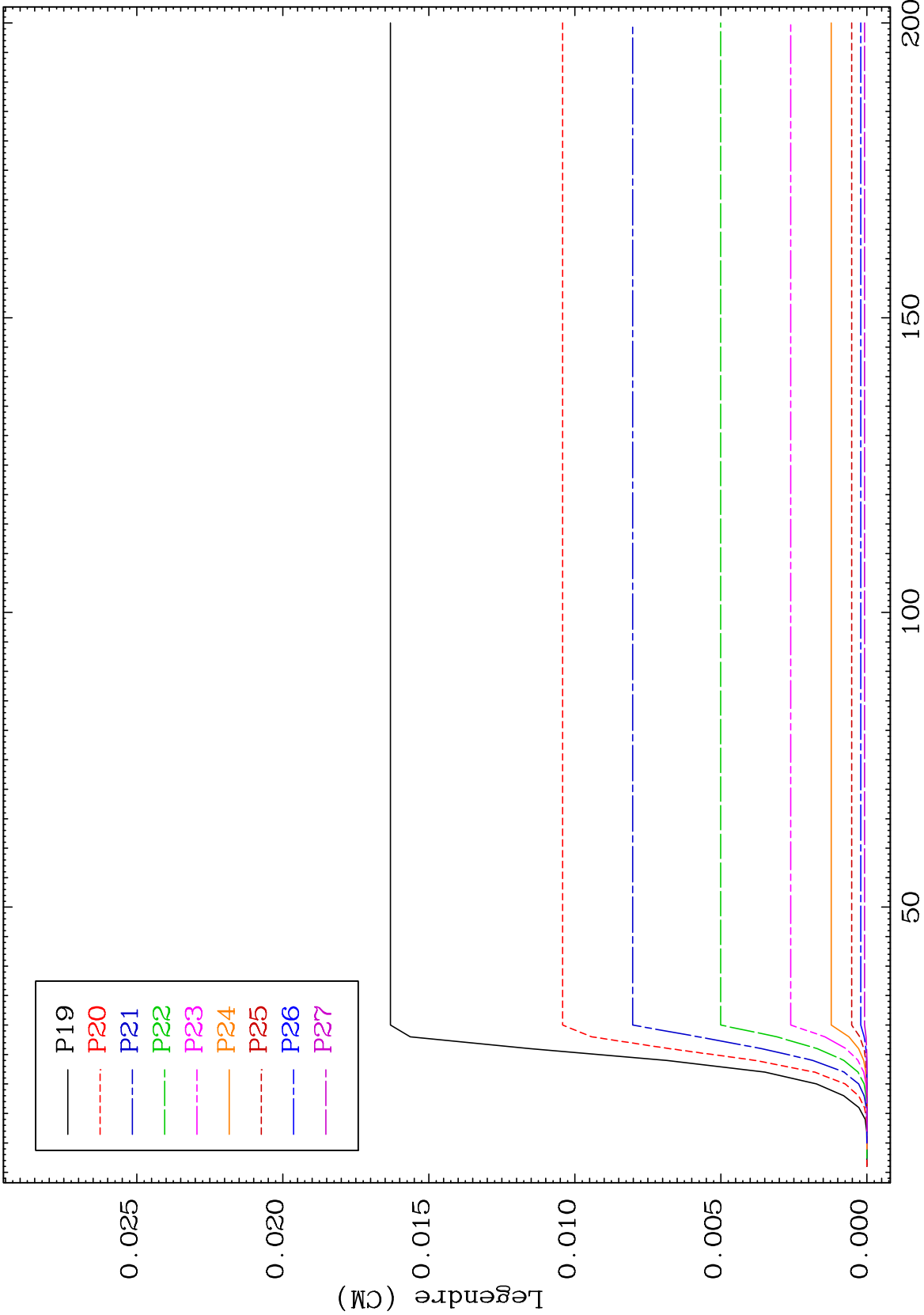




MAT 7780

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

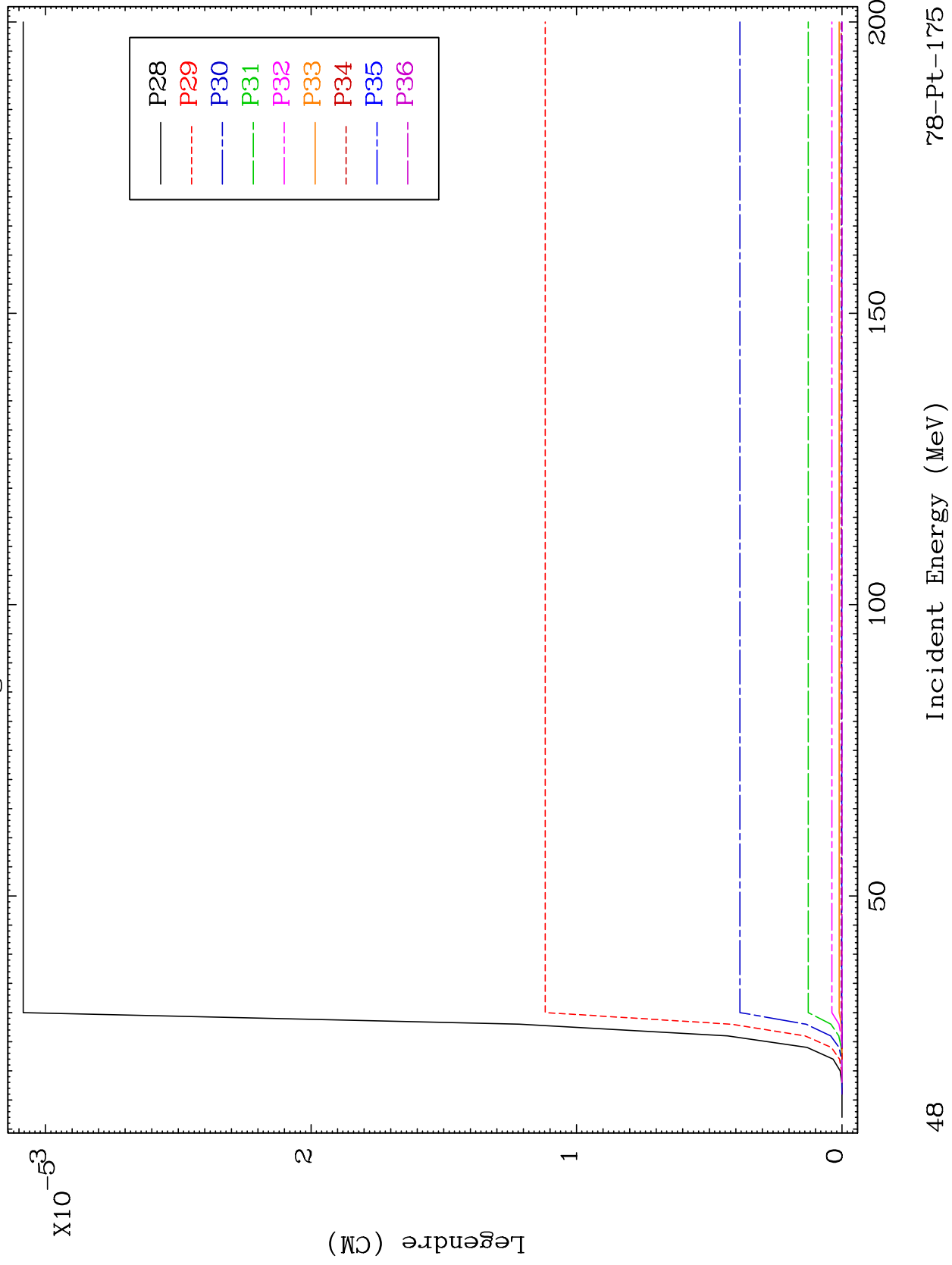
78-Pt-175



MAT 7780

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

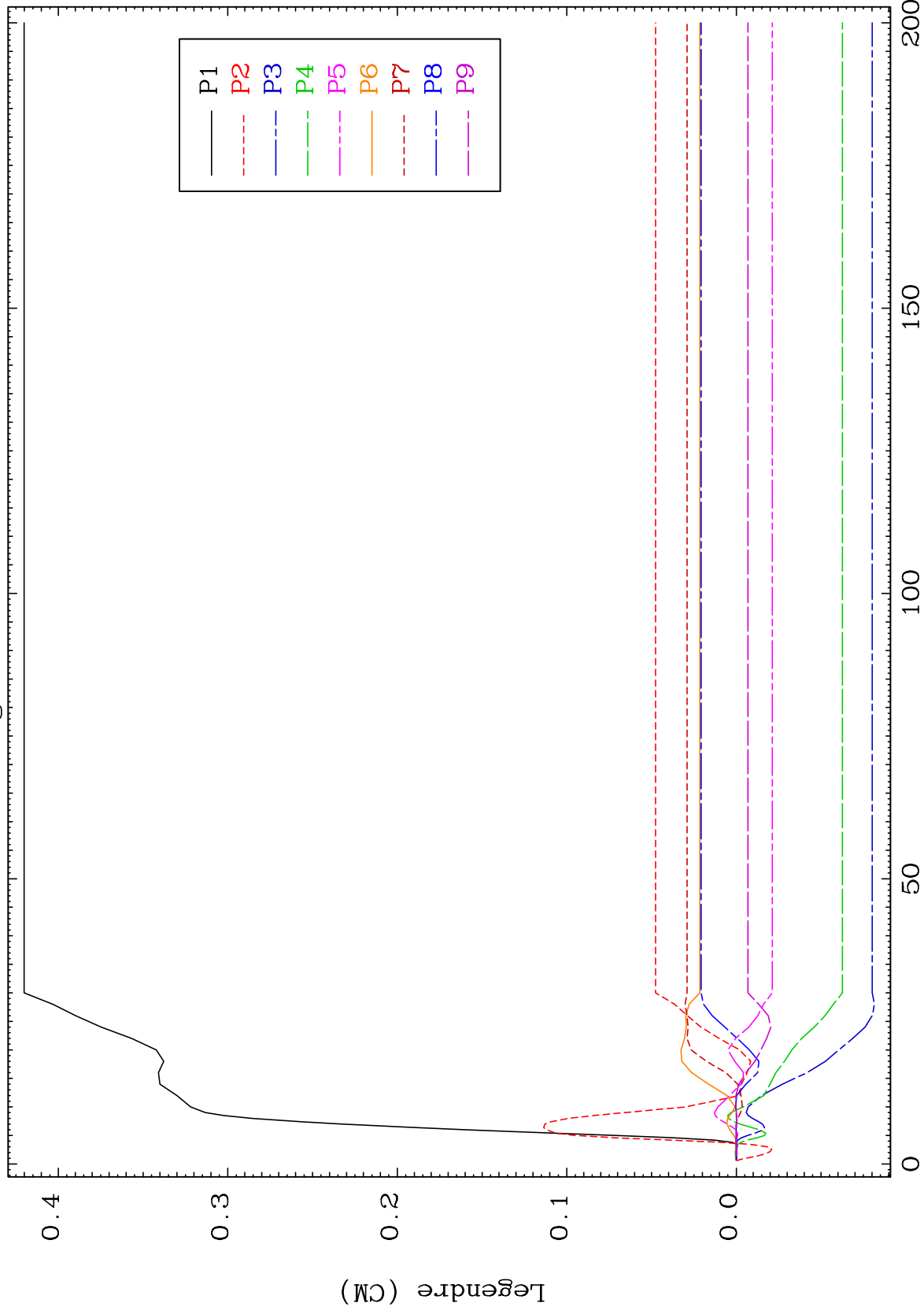
78-Pt-175



MAT 7780

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

78-Pt-175



49

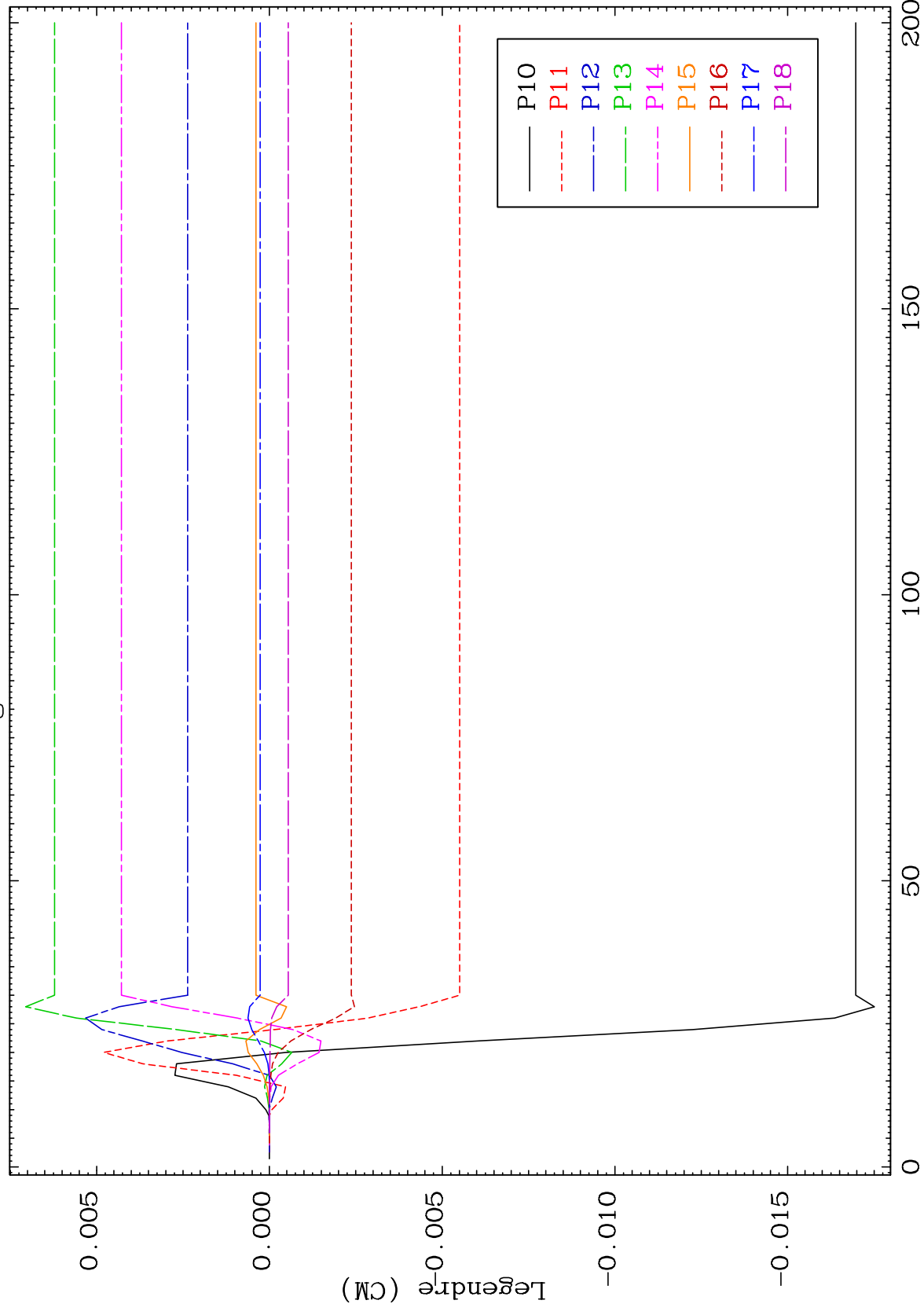
Incident Energy (MeV)

78-Pt-175

MAT 7780

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

78-Pt-175



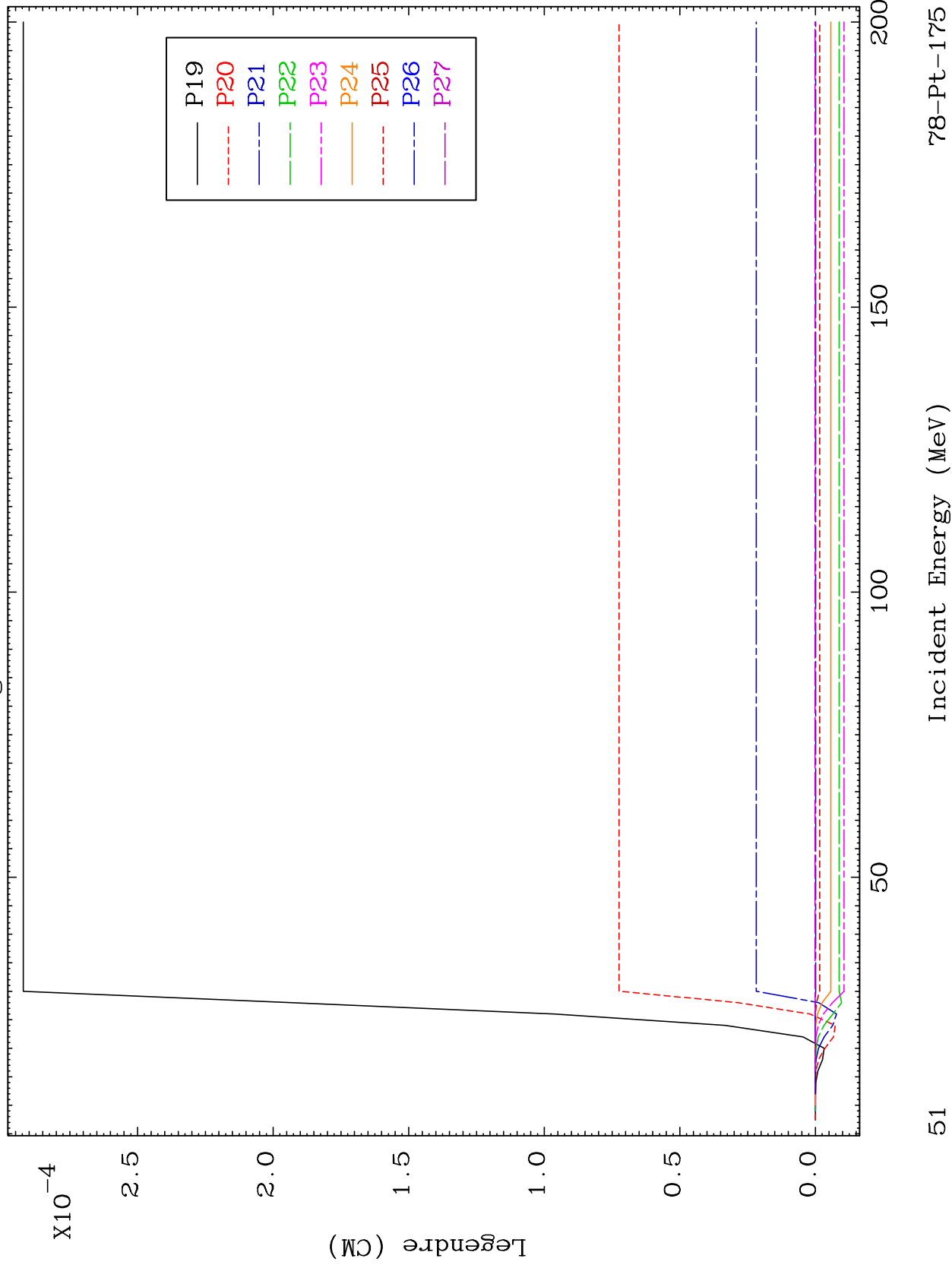
Incident Energy (MeV)

78-Pt-175

MAT 7780

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

78-Pt-175



51

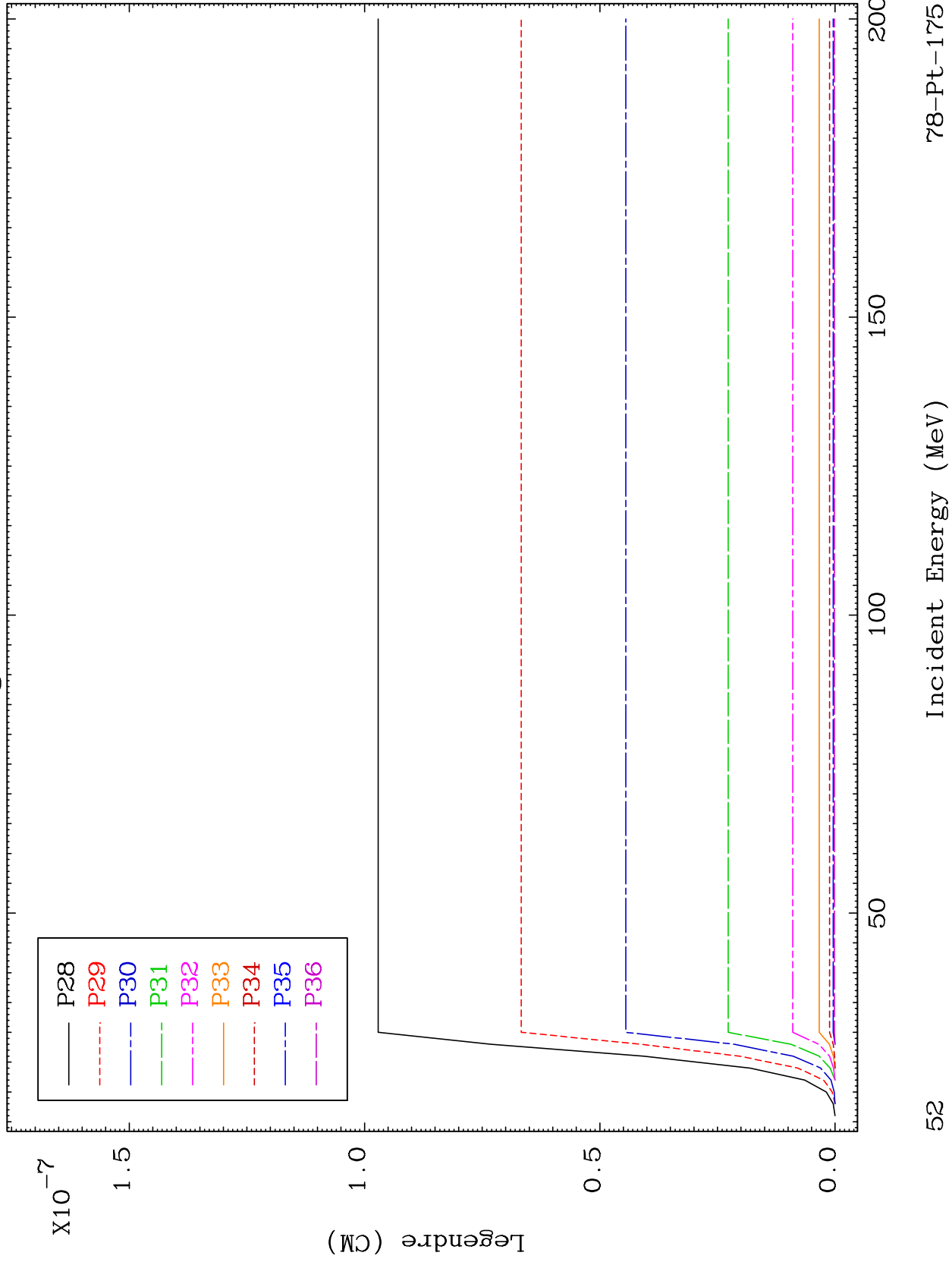
Incident Energy (MeV)

78-Pt-175

MAT 7780

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

78-Pt-175



52

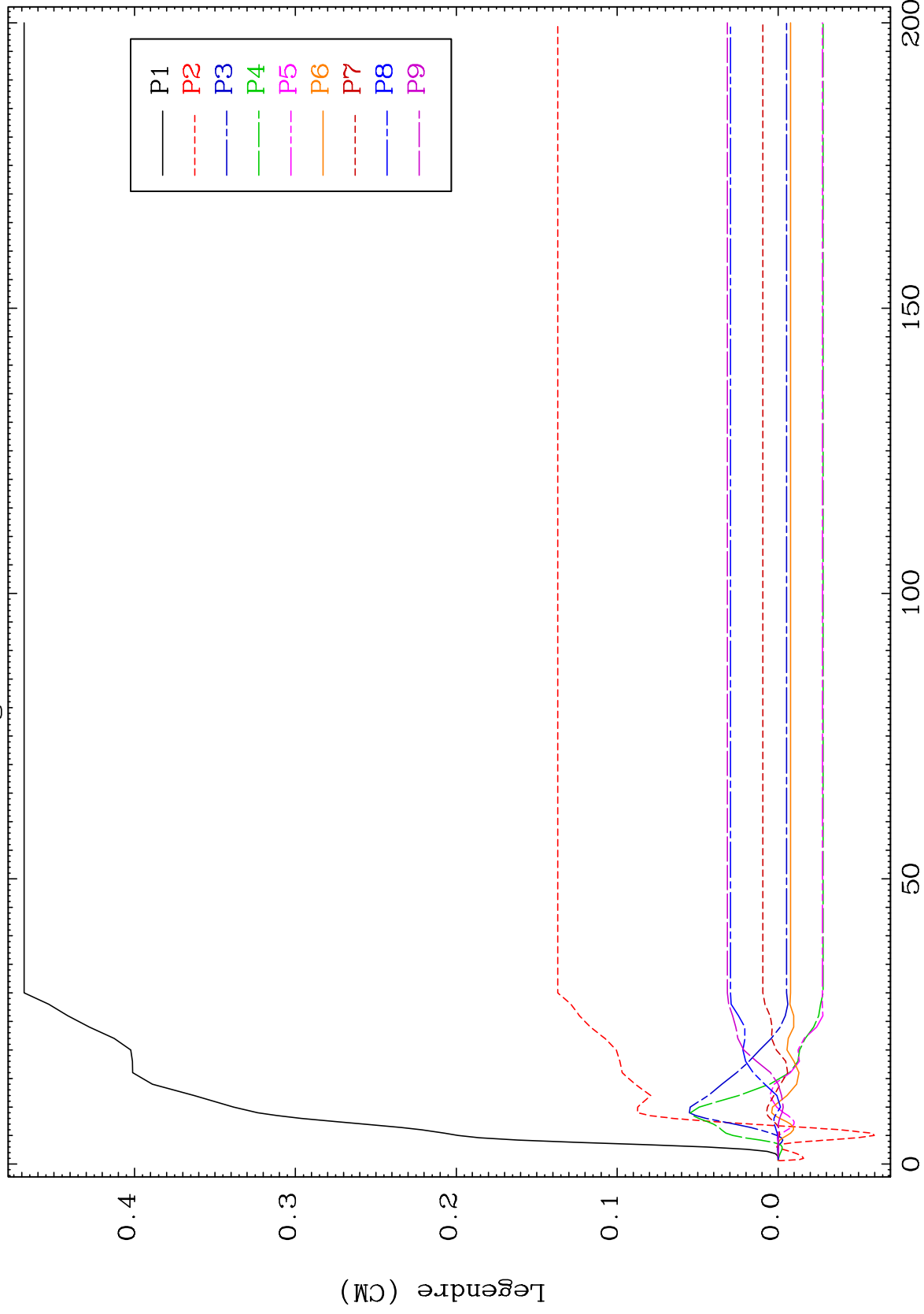
Incident Energy (MeV)

78-Pt-175

MAT 7780

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

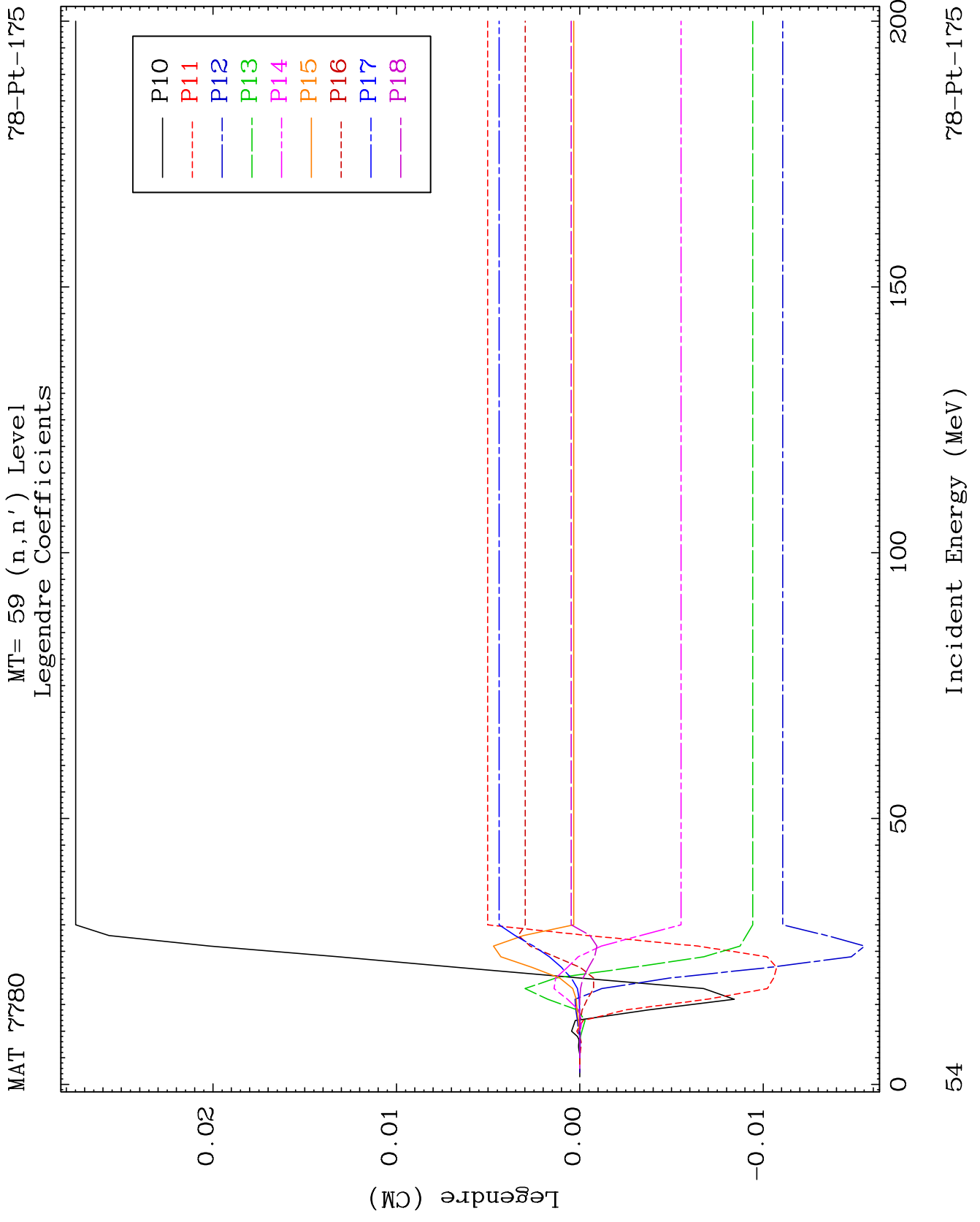
78-Pt-175



53

Incident Energy (MeV)

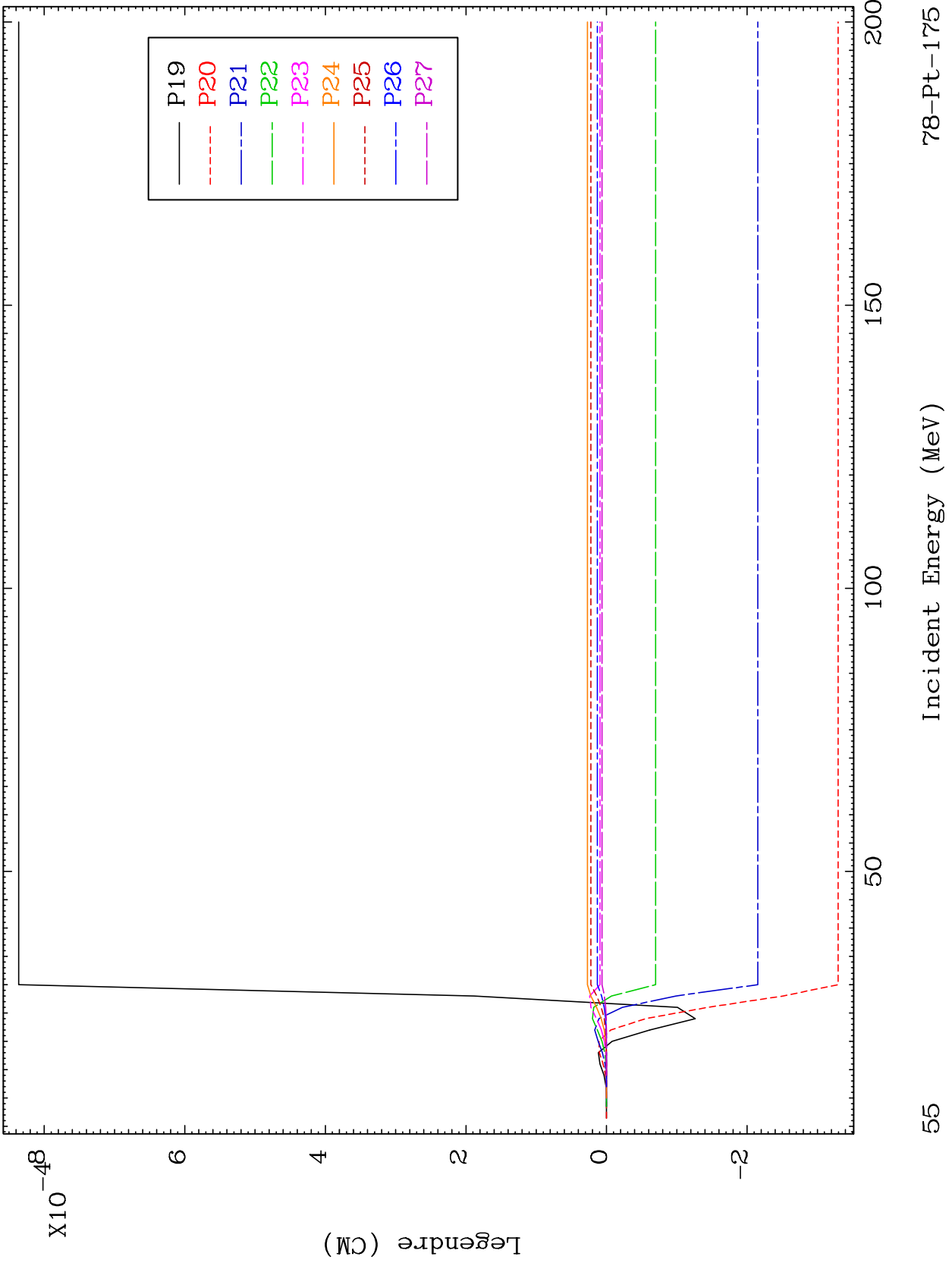
78-Pt-175



MAT 7780

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

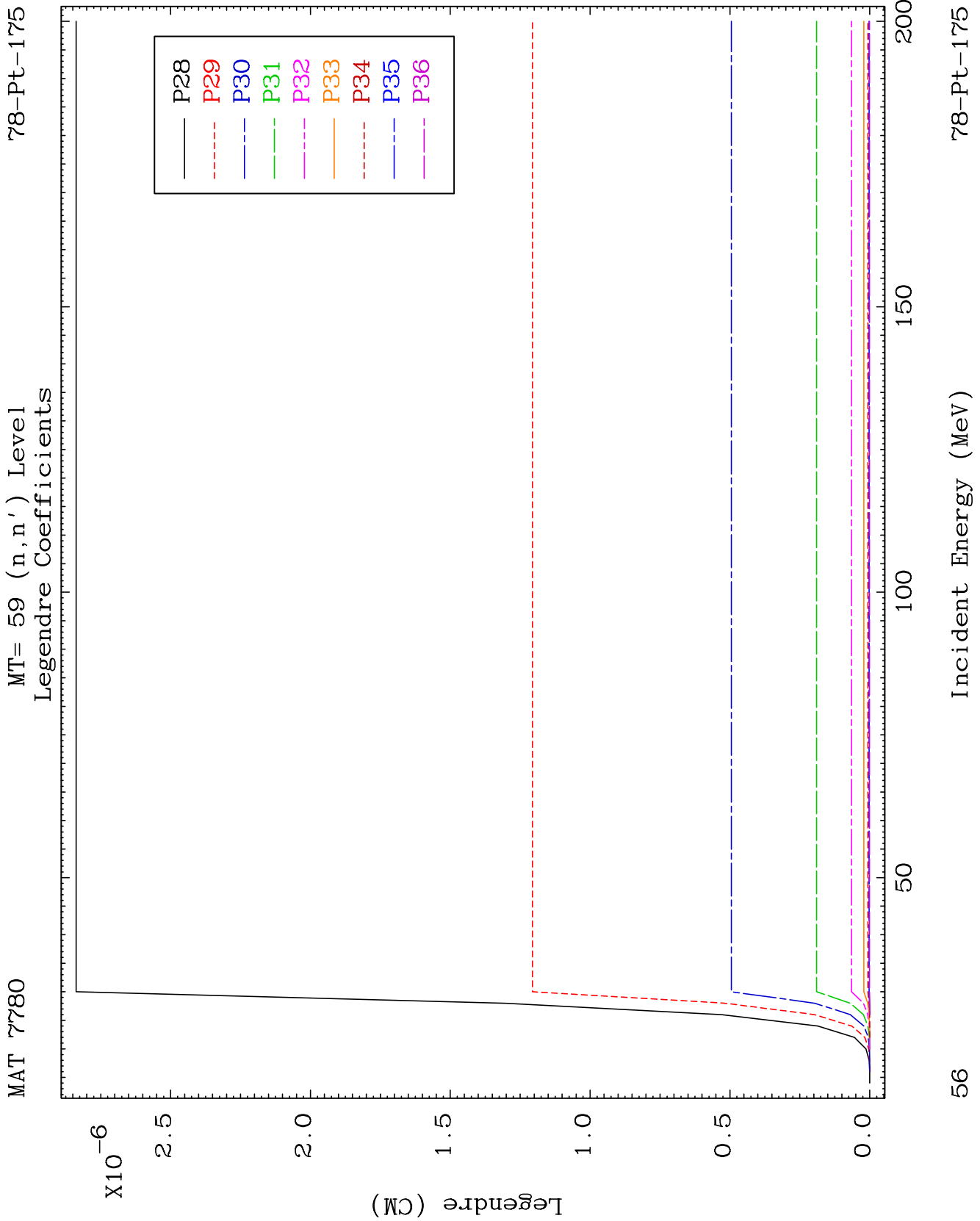
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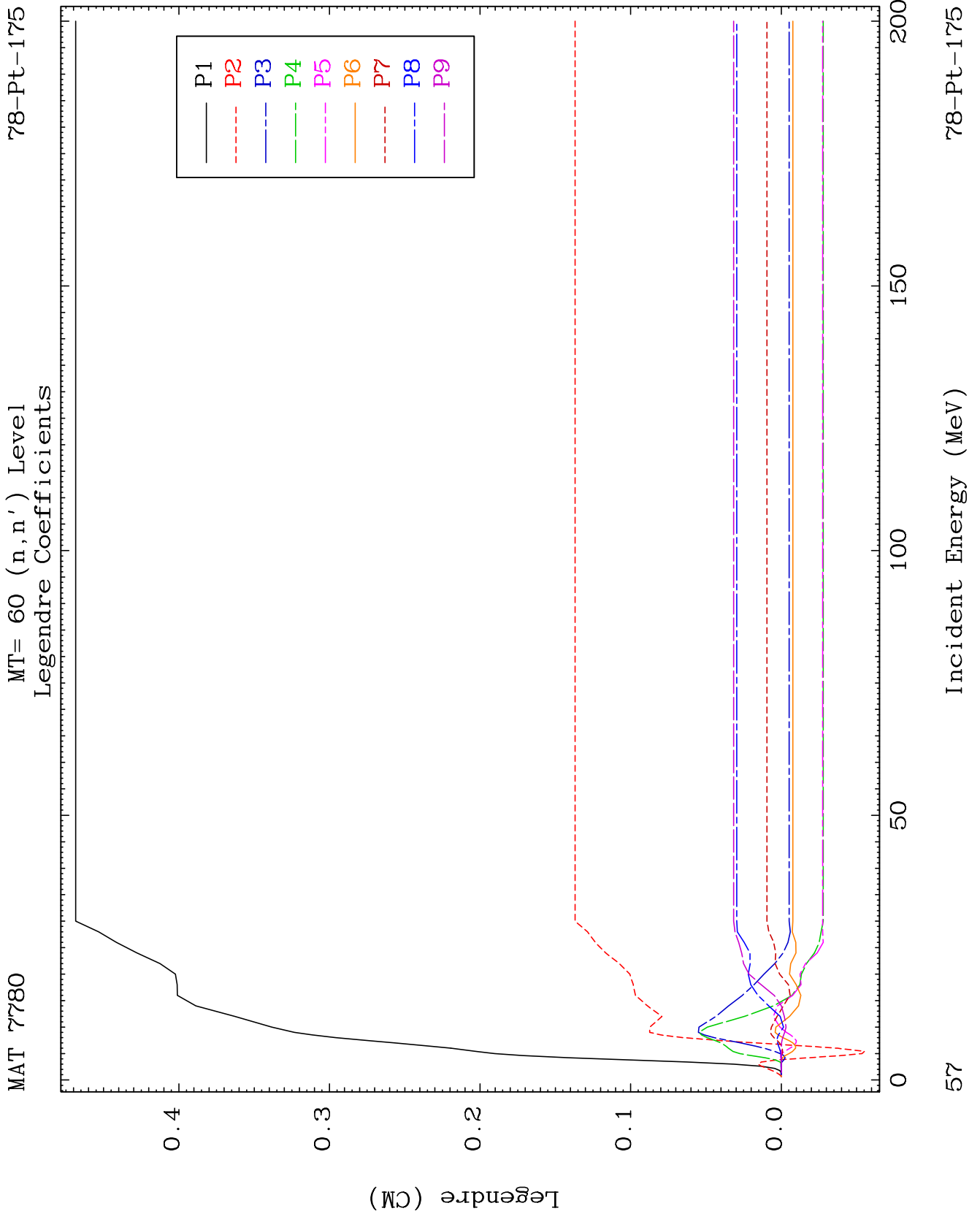


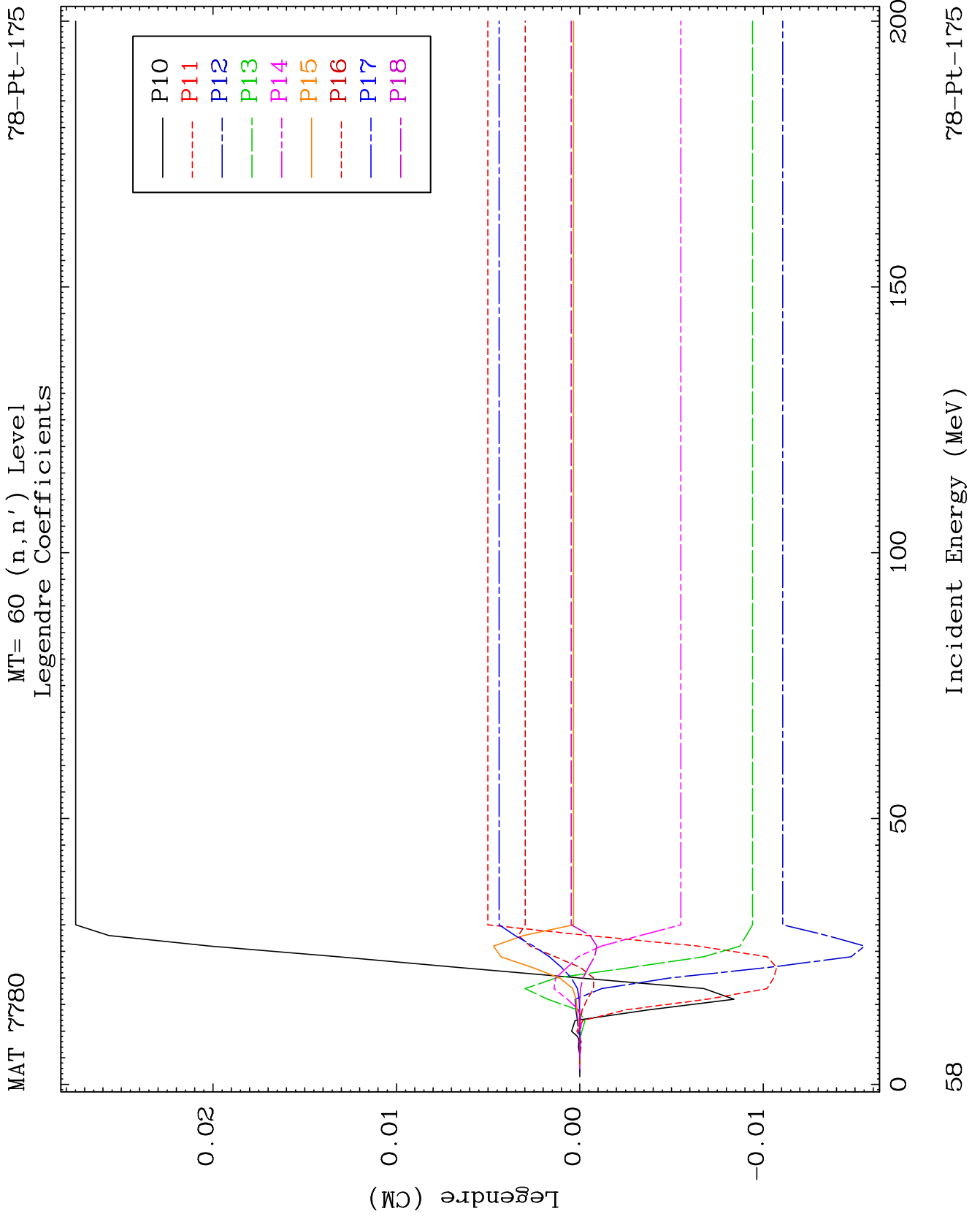
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Incident Energy (MeV)

78-Pt-175



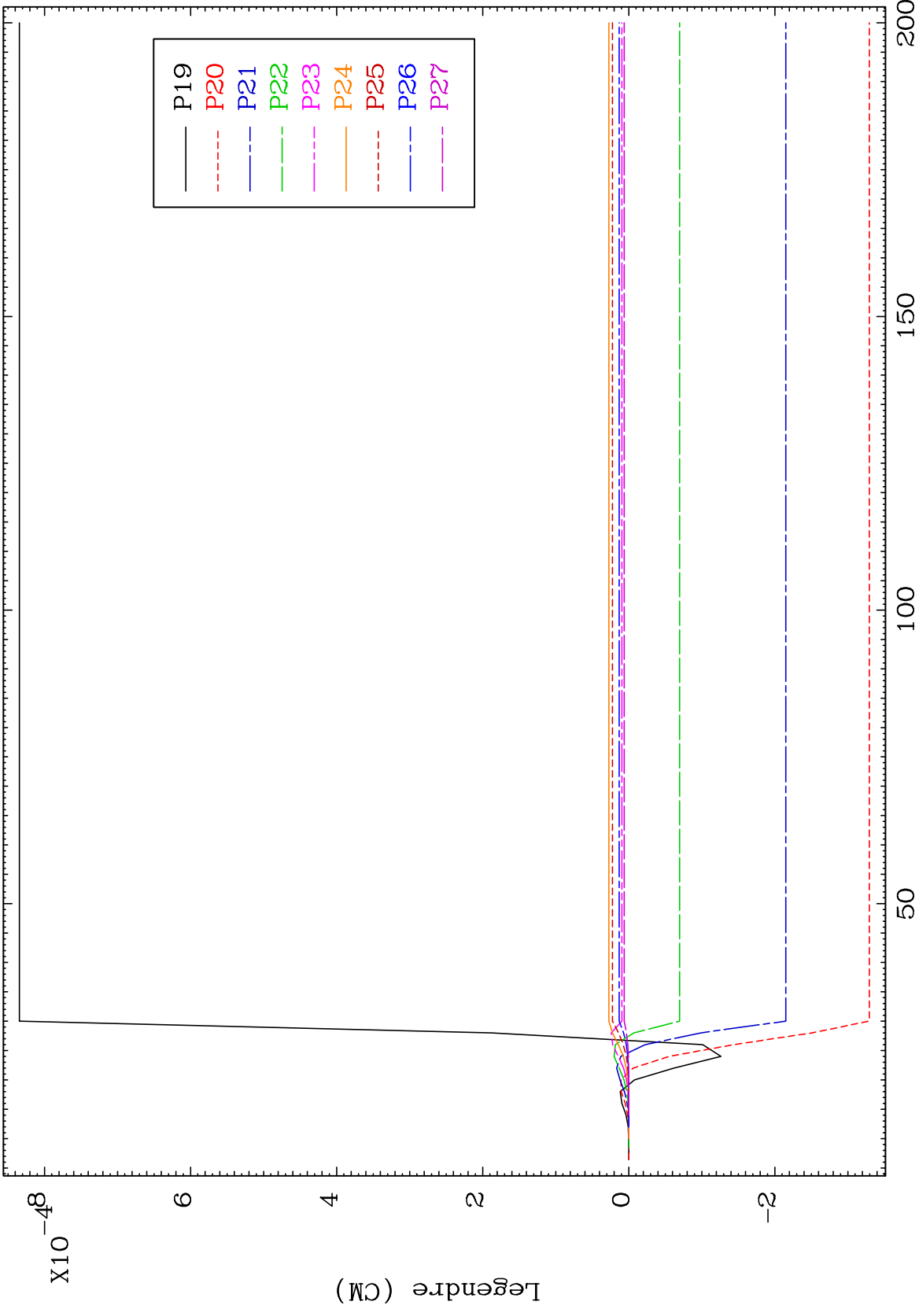




MAT 7780

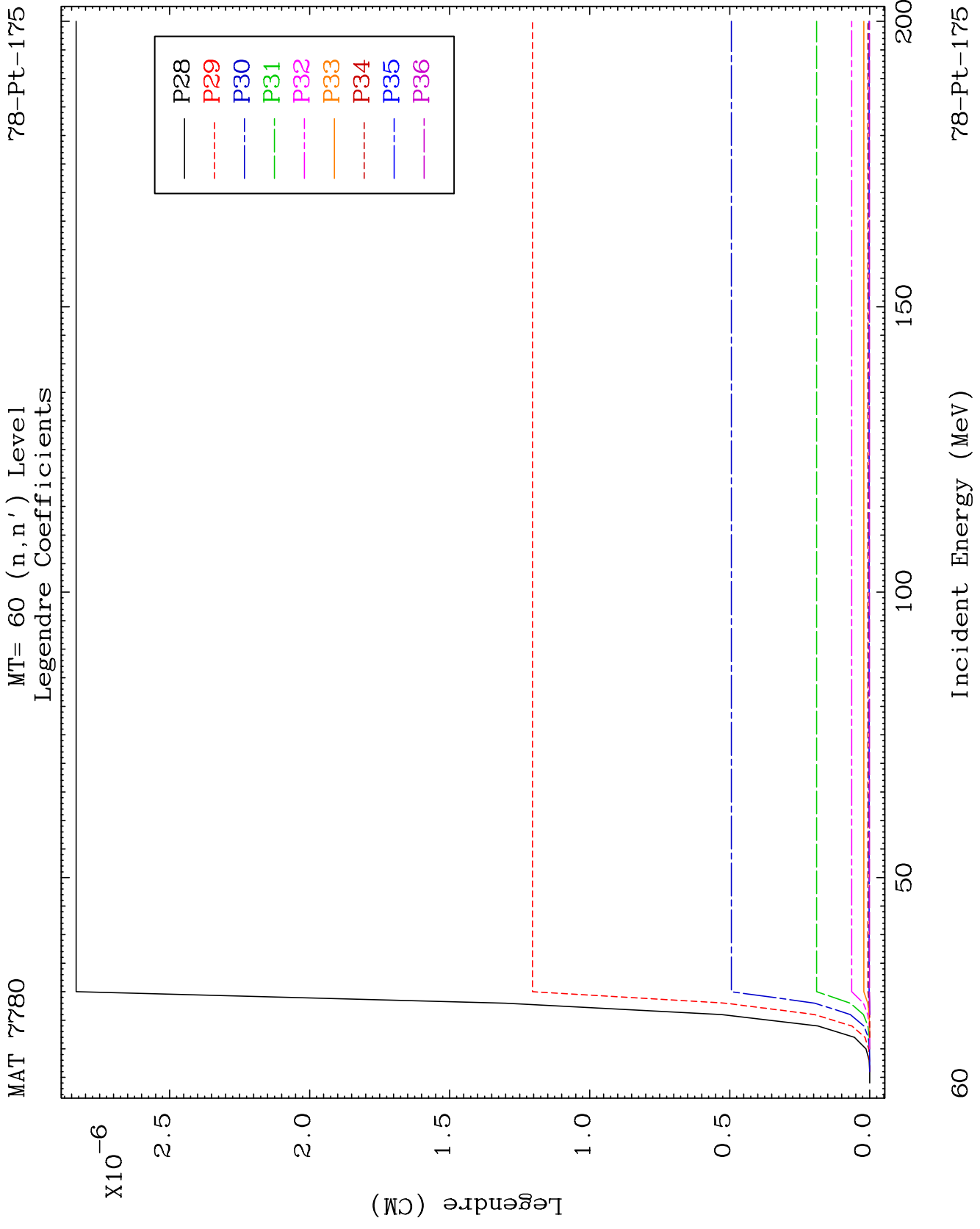
MT= 60 (n,n') Level
Legendre Coefficients

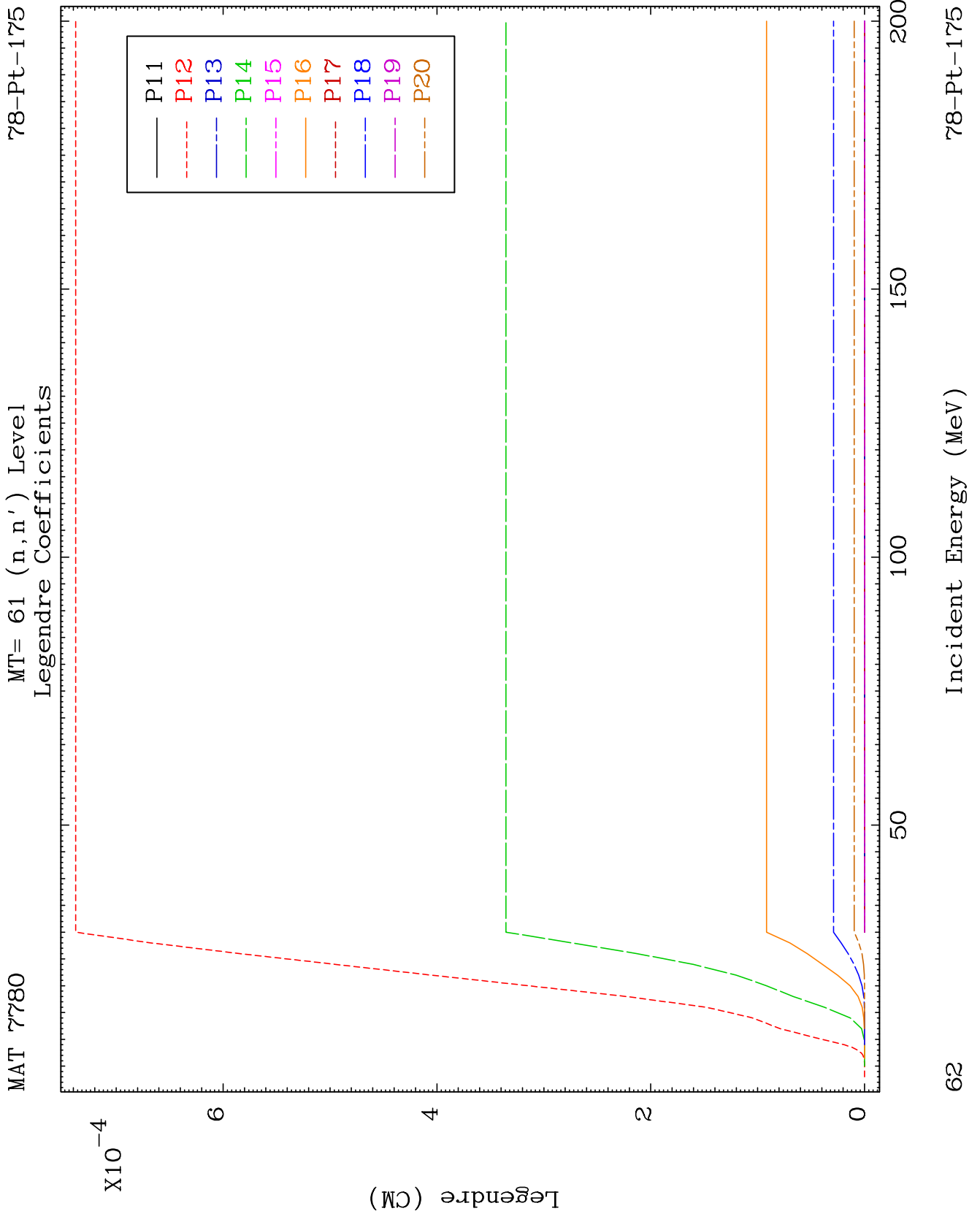
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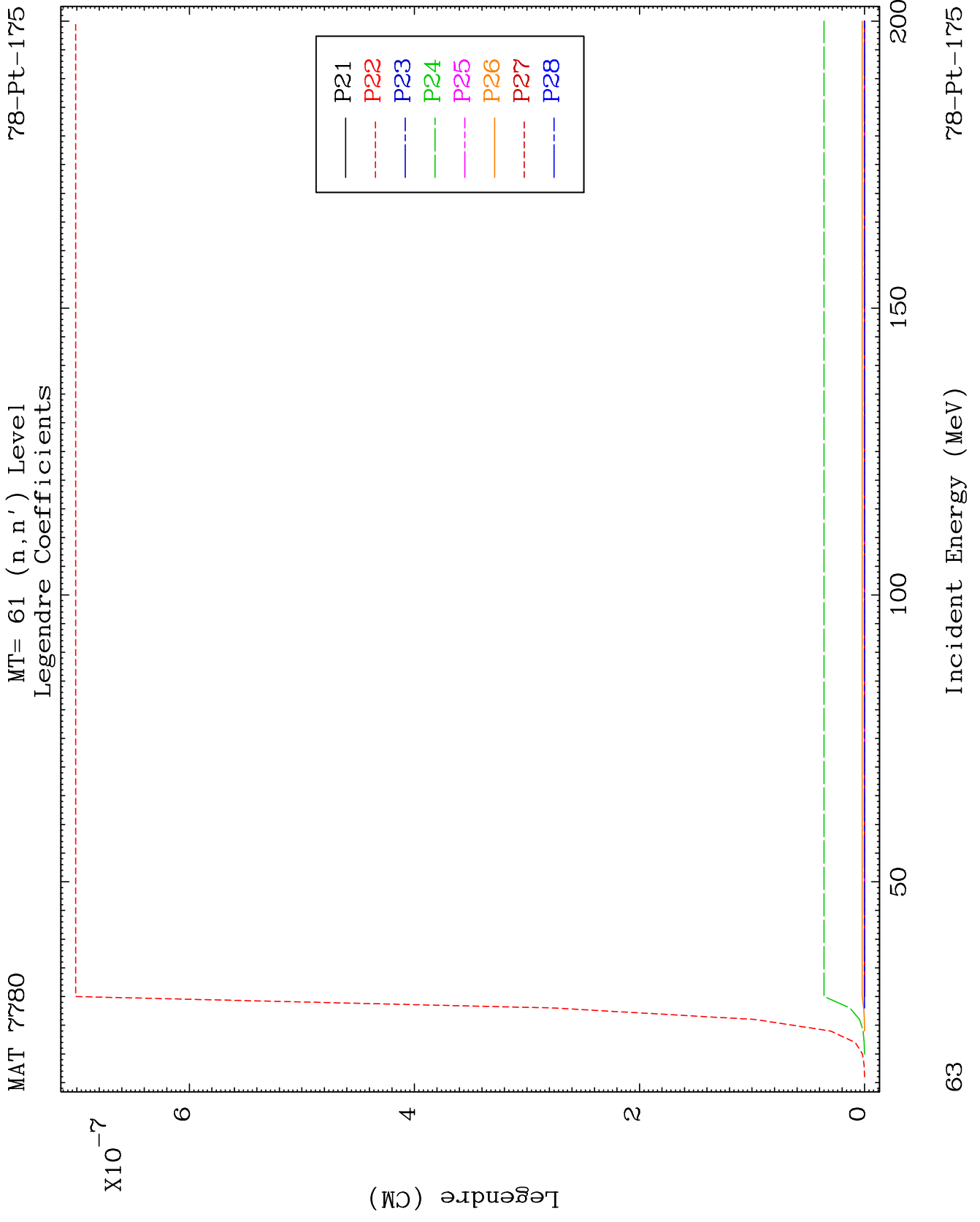


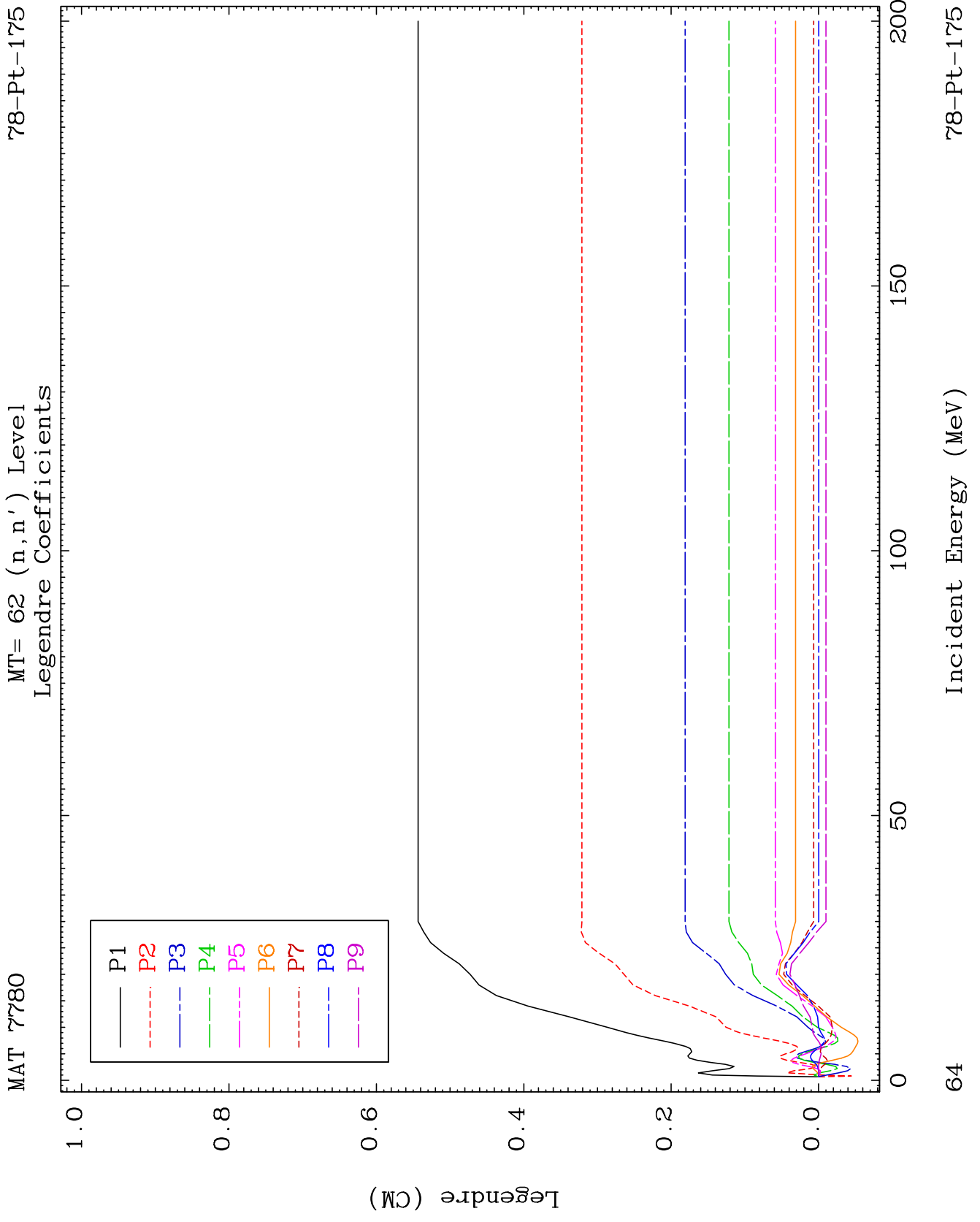
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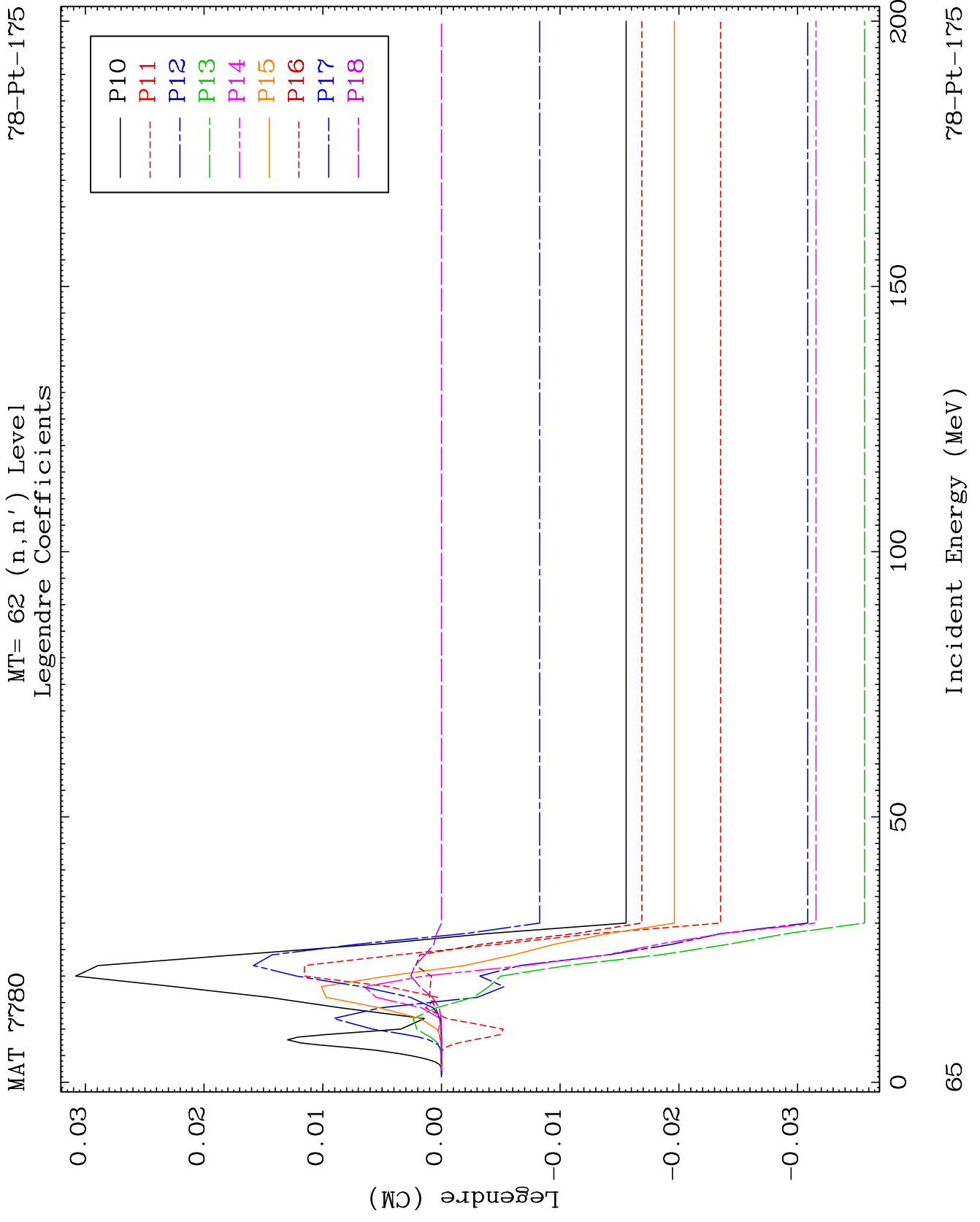
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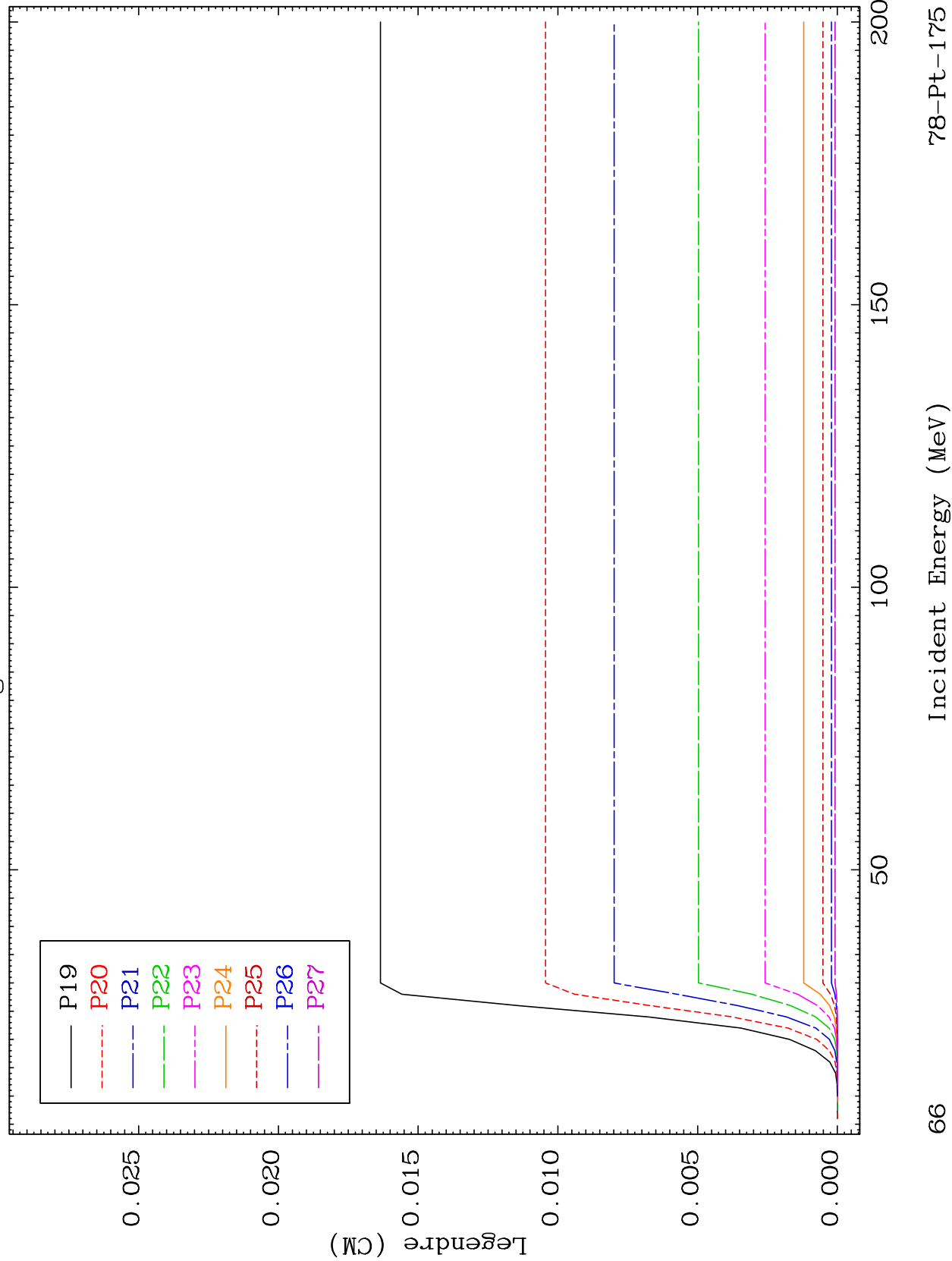








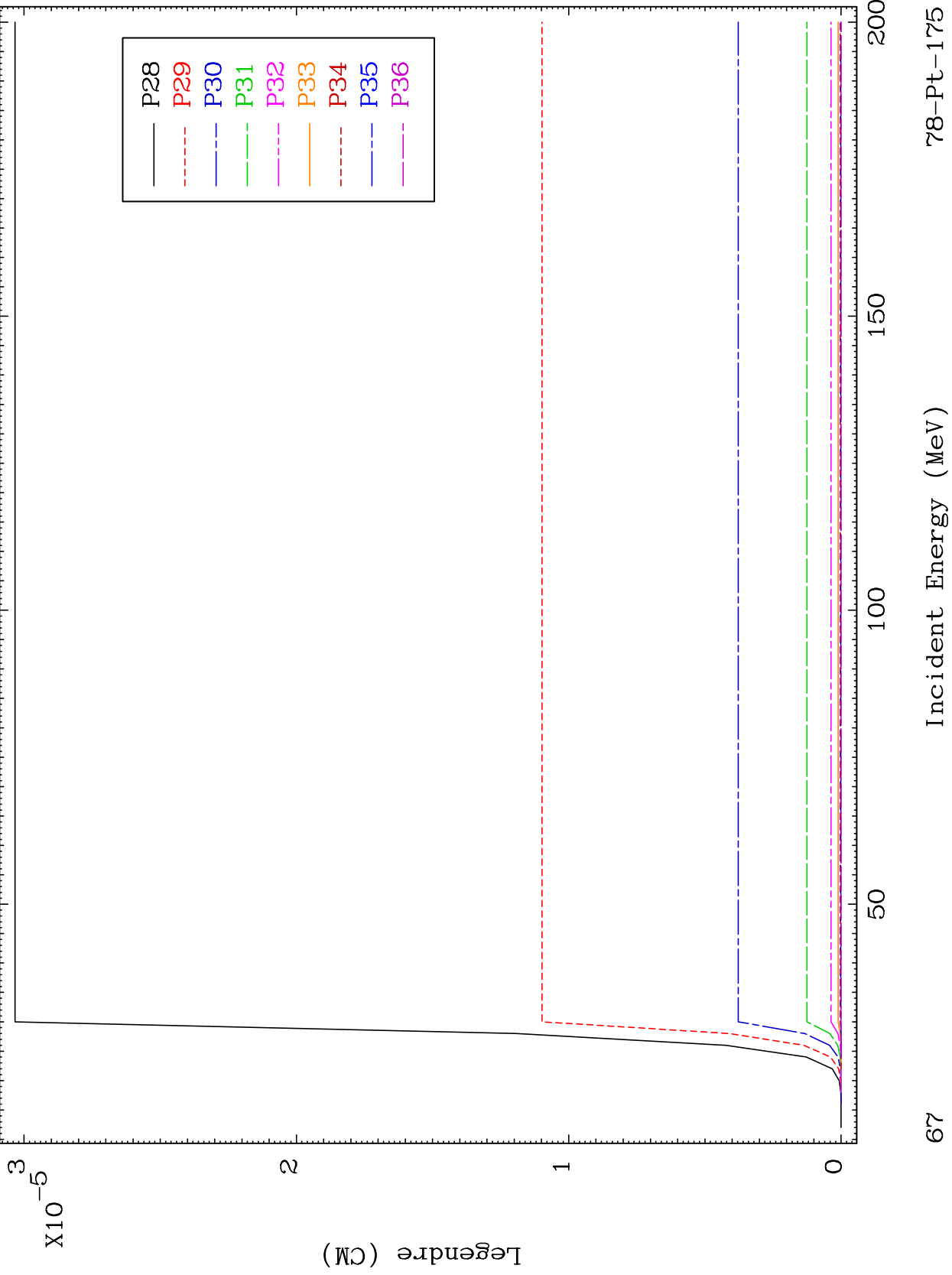


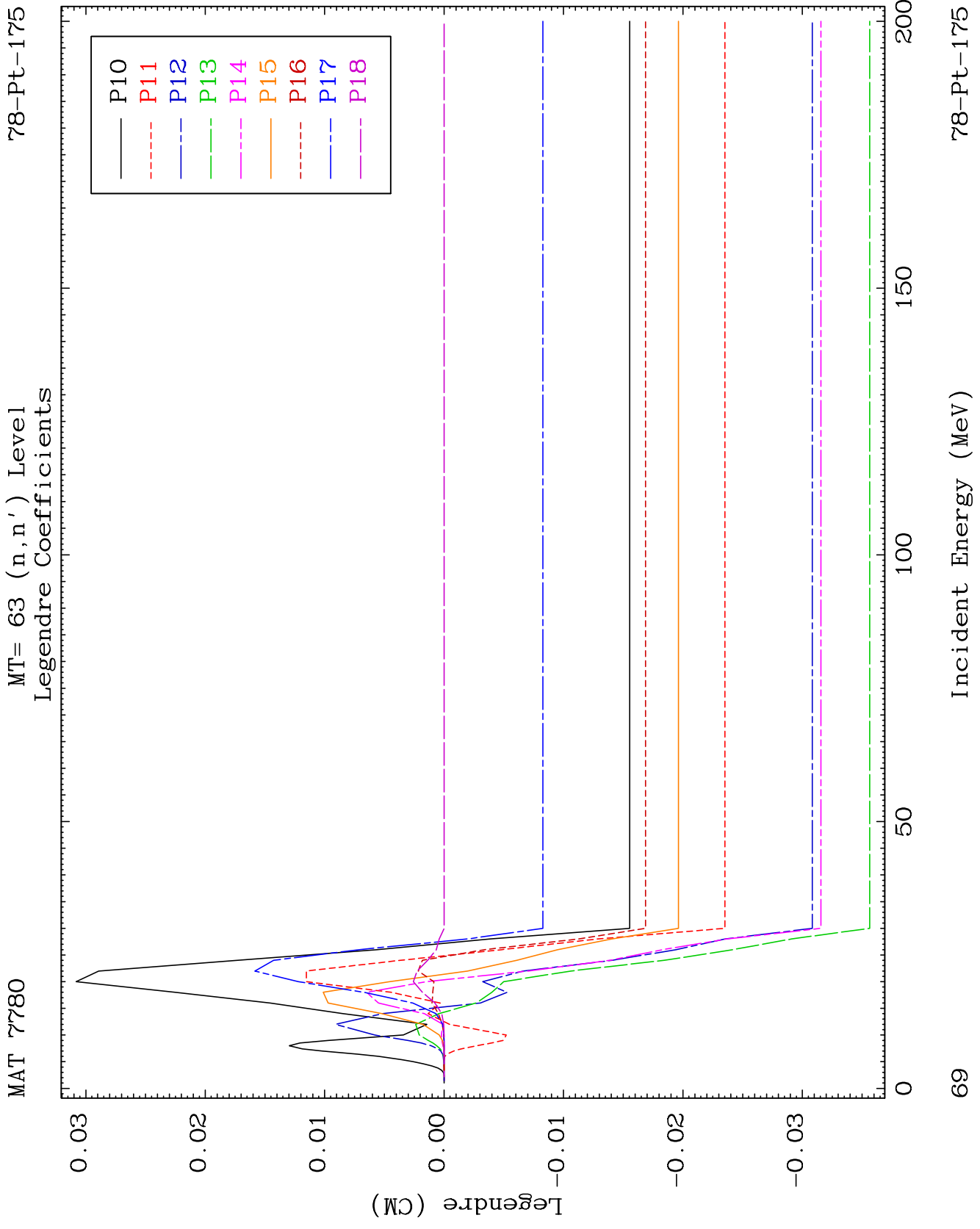


MAT 7780

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

78-Pt-175

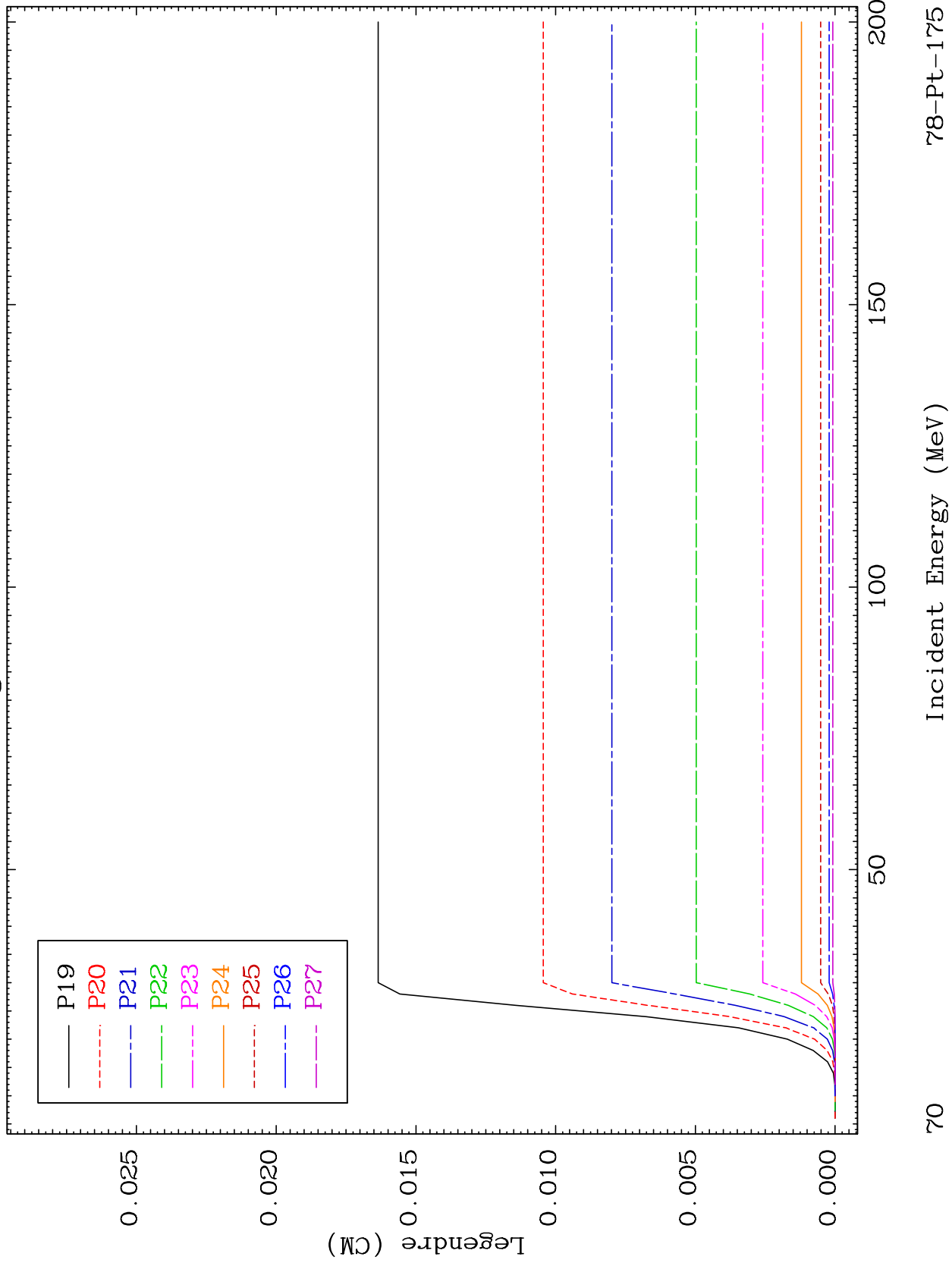




MAT 7780

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

78-Pt-175



70

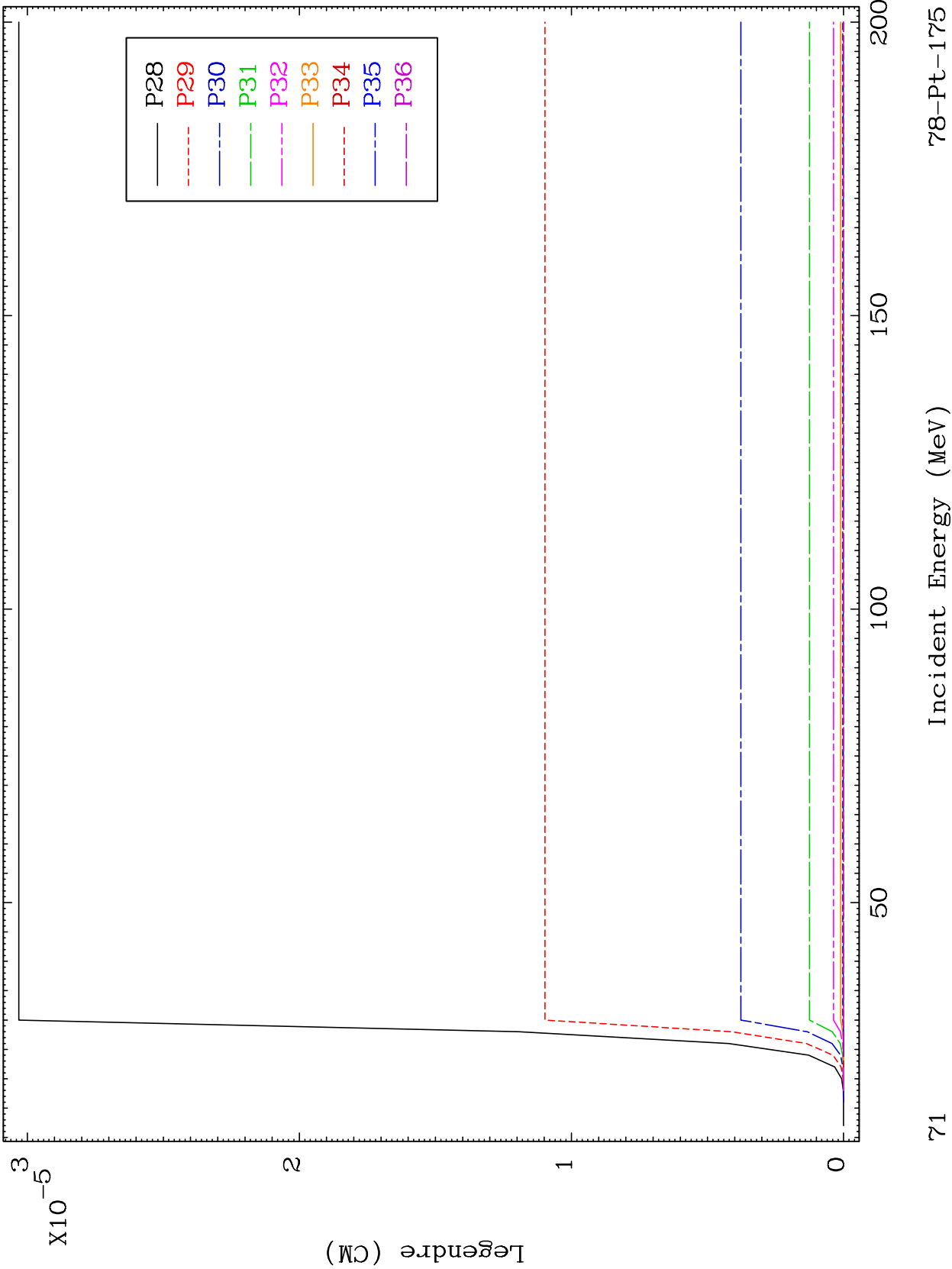
Incident Energy (MeV)

78-Pt-175

MAT 7780

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

78-Pt-175

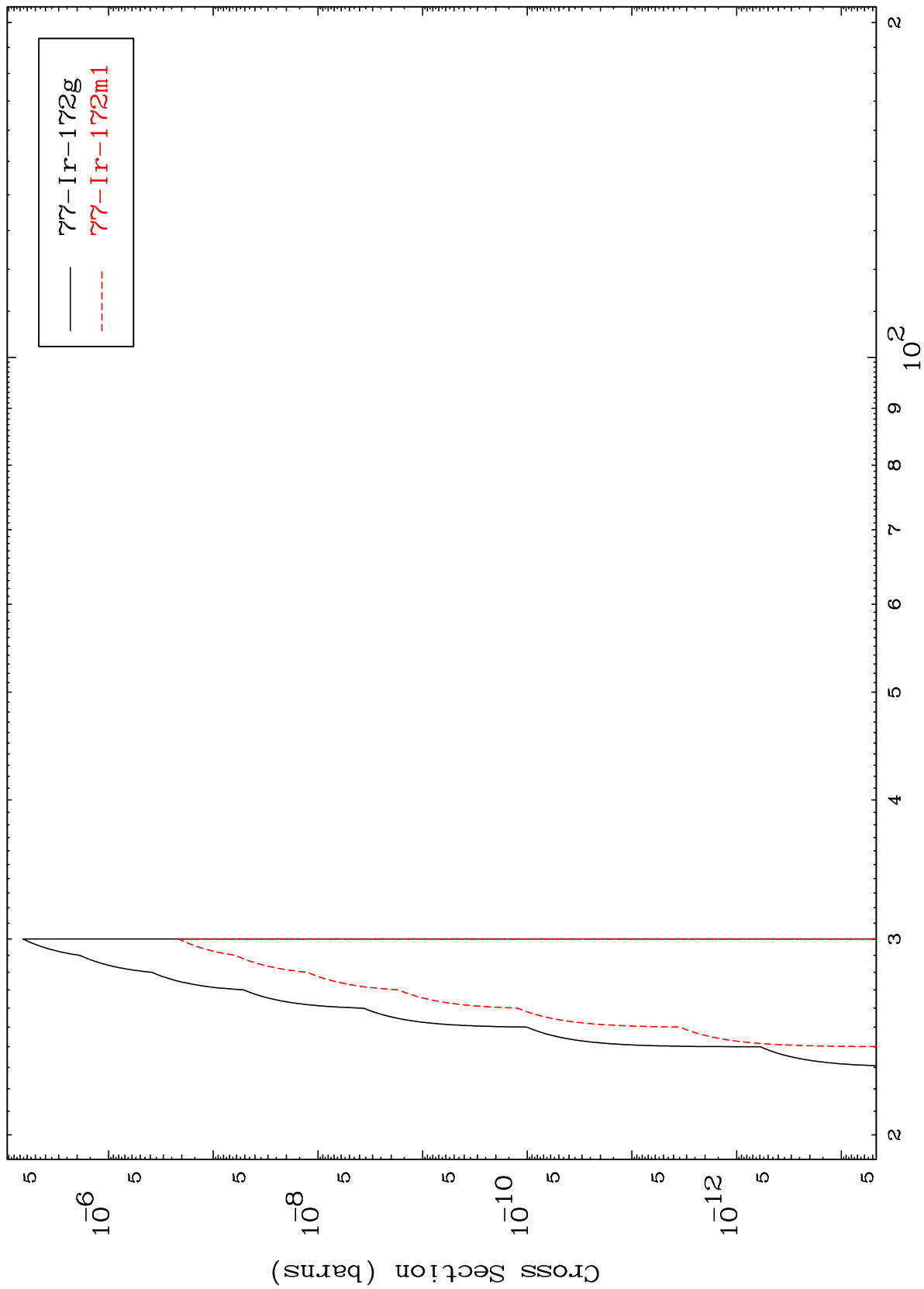


MAT 7780

(n,2n) d

78-Pt-175

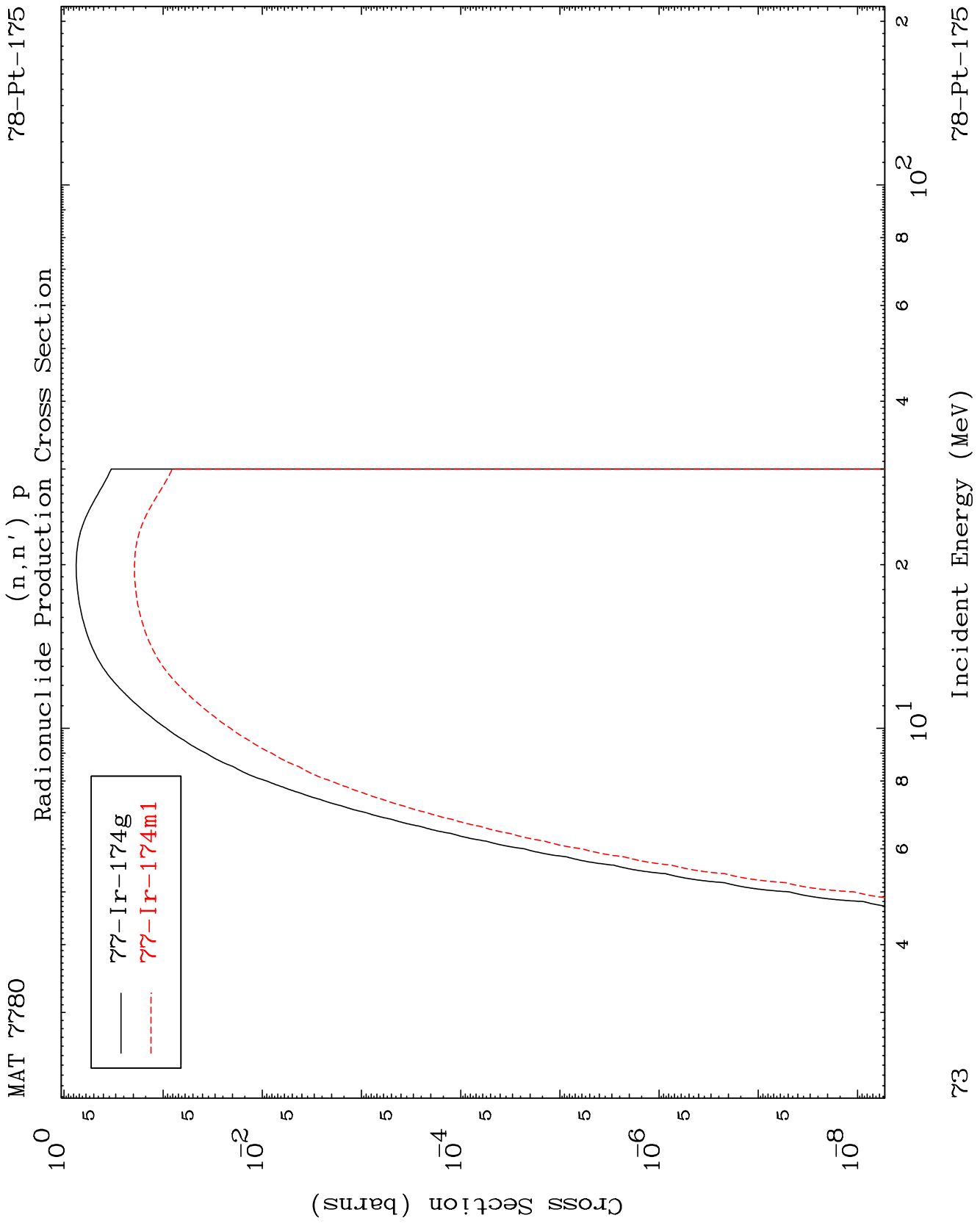
Radionuclide Production Cross Section



72

Incident Energy (MeV)

78-Pt-175

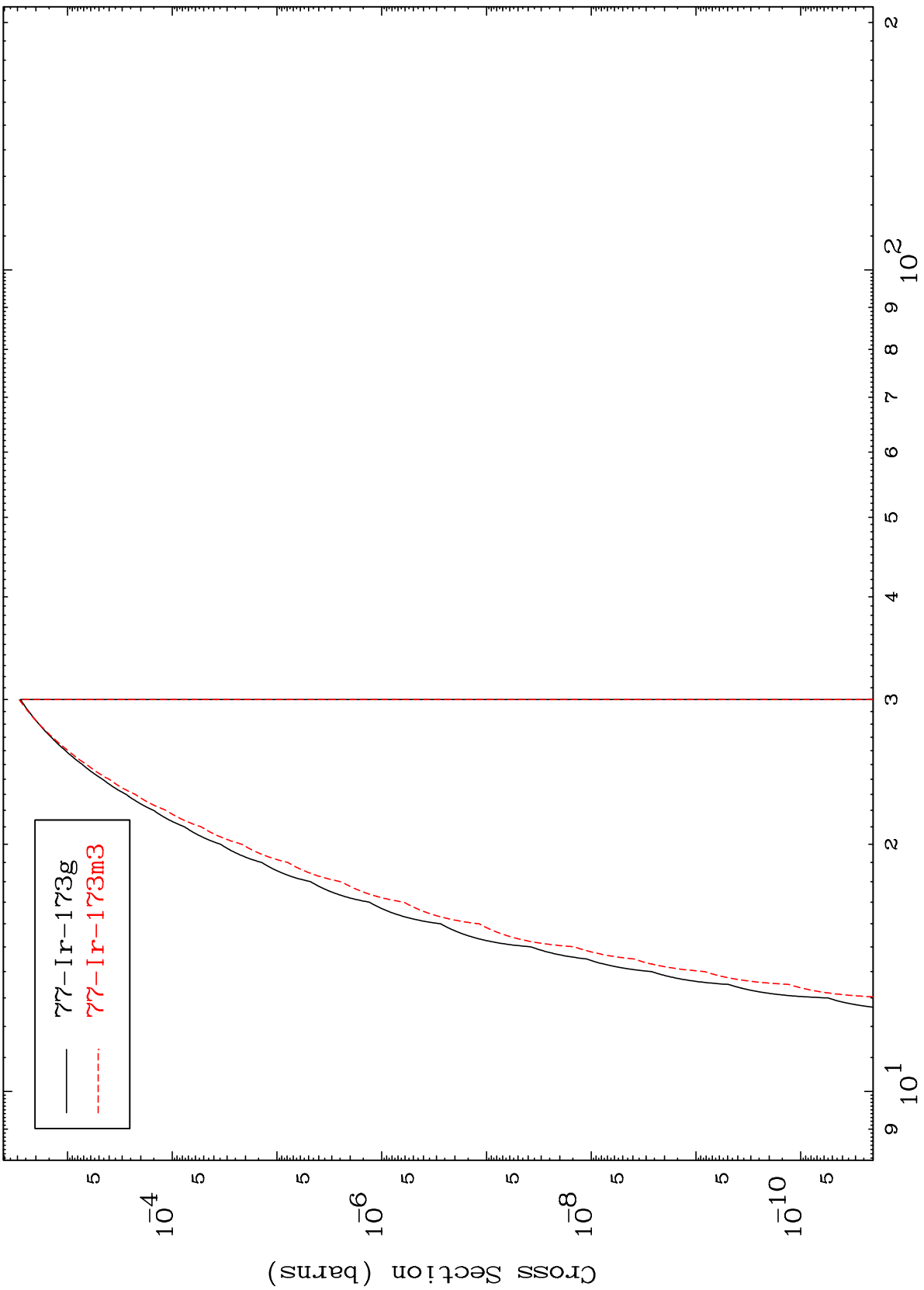


MAT 7780

(n,n') d

78-Pt-175

Radionuclide Production Cross Section



74

Incident Energy (MeV)

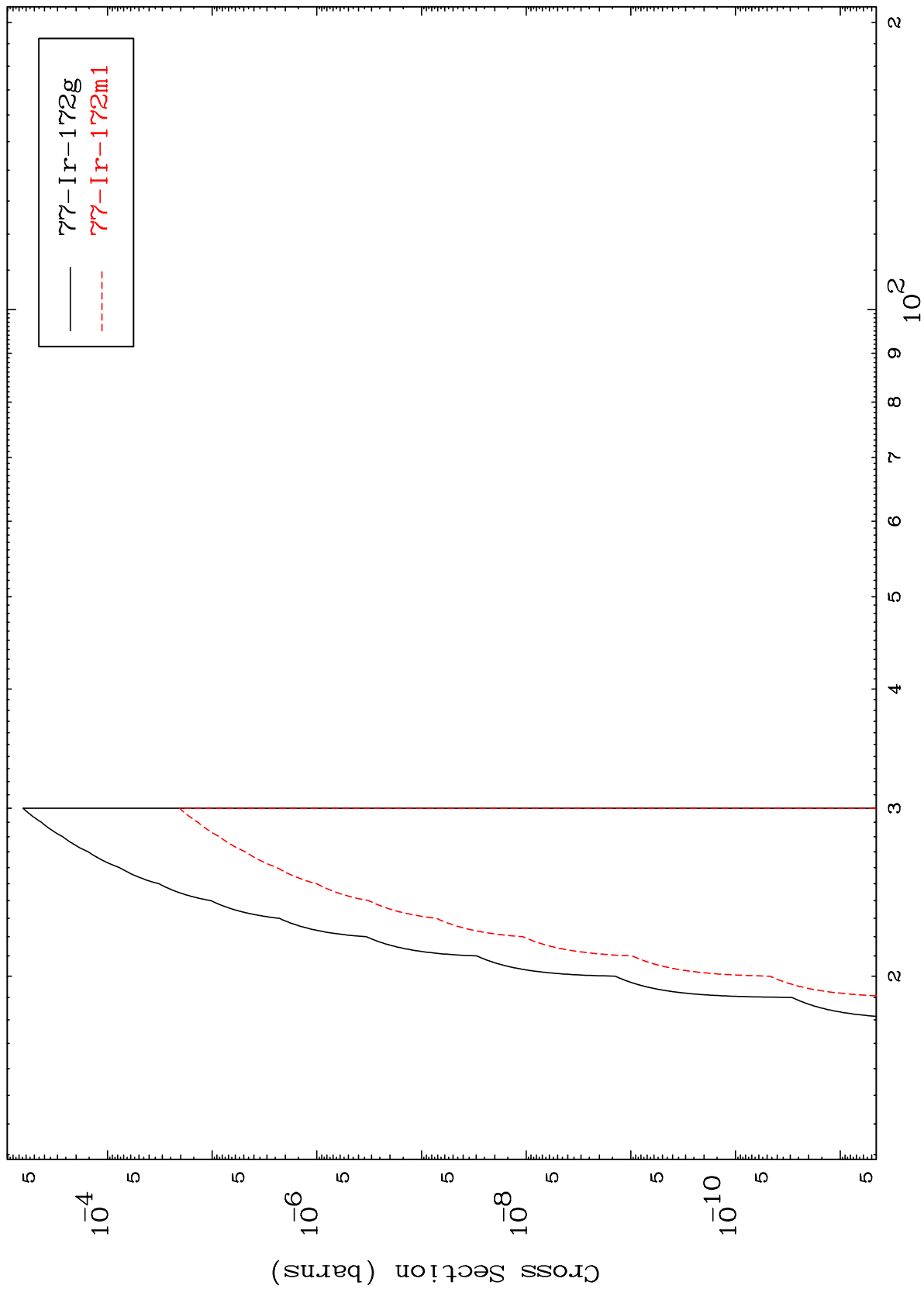
78-Pt-175

MAT 7780

(n,n') t

78-Pt-175

Radionuclide Production Cross Section



75

Incident Energy (MeV)

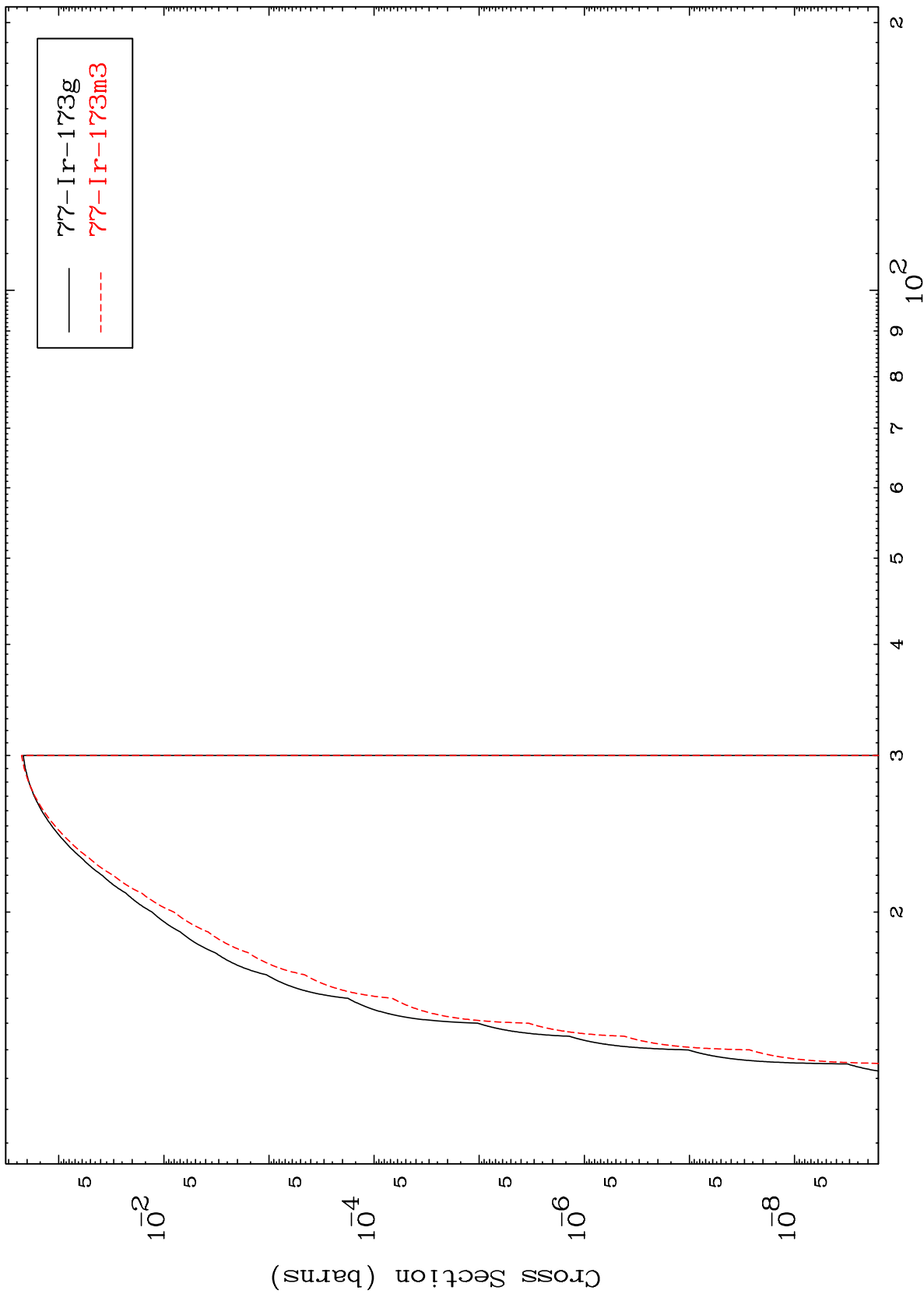
78-Pt-175

MAT 7780

(n,2n) p

78-Pt-175

Radionuclide Production Cross Section



76

Incident Energy (MeV)

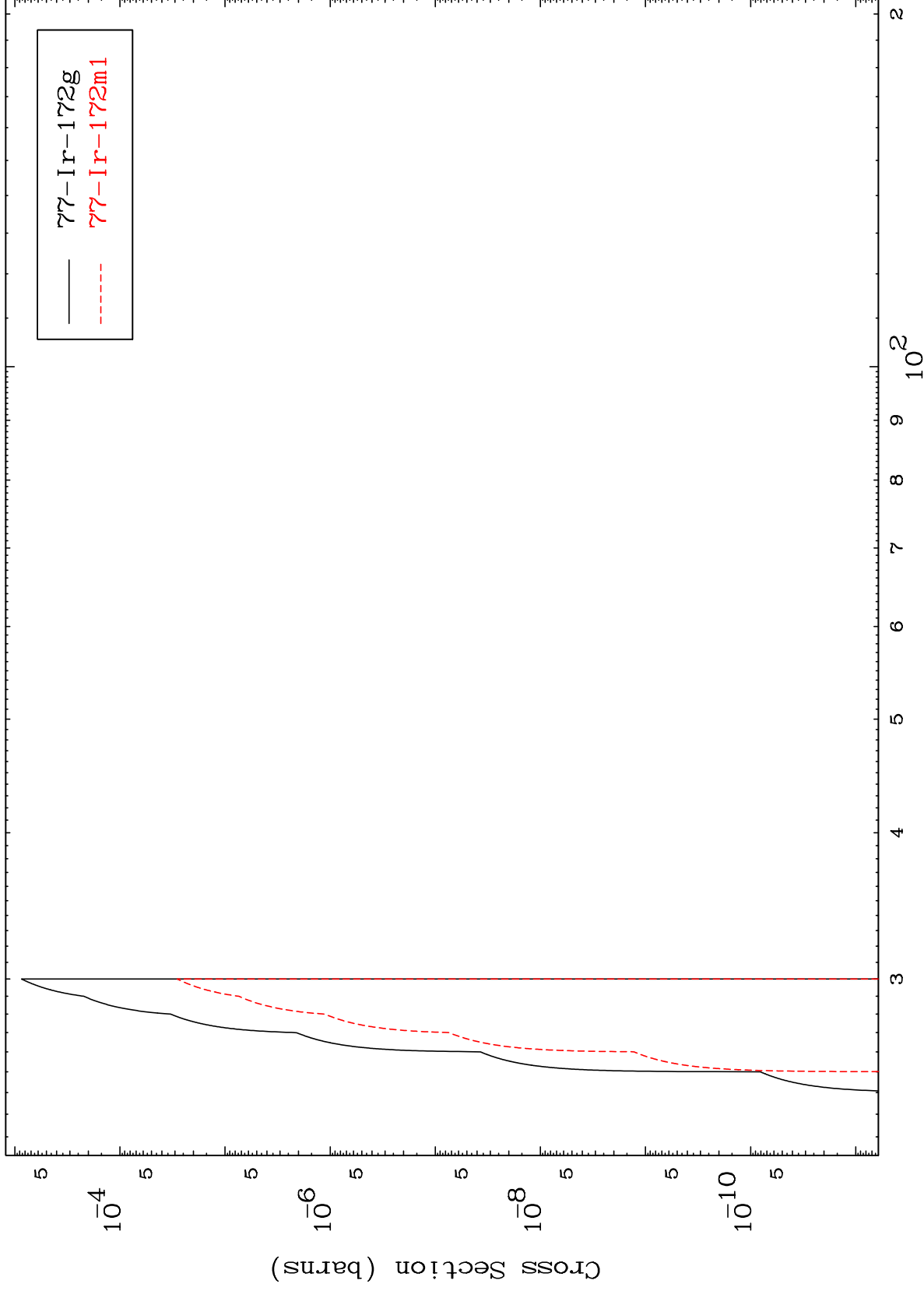
78-Pt-175

MAT 7780

(n,3n) p

78-Pt-175

Radionuclide Production Cross Section



77

Incident Energy (MeV)

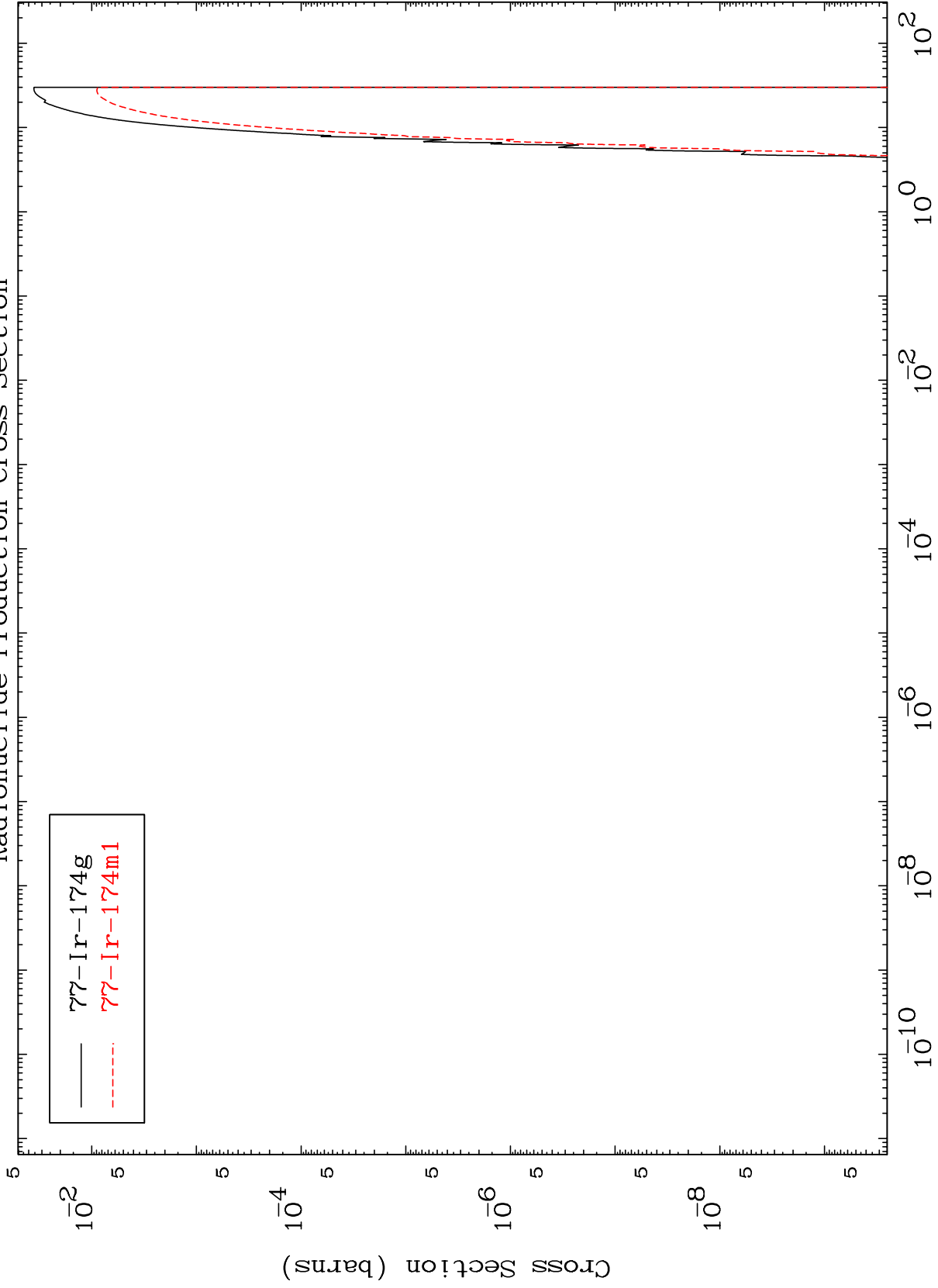
78-Pt-175

MAT 7780

(n,d)

78-Pt-175

Radionuclide Production Cross Section



77-Ir-174g
77-Ir-174m1

78

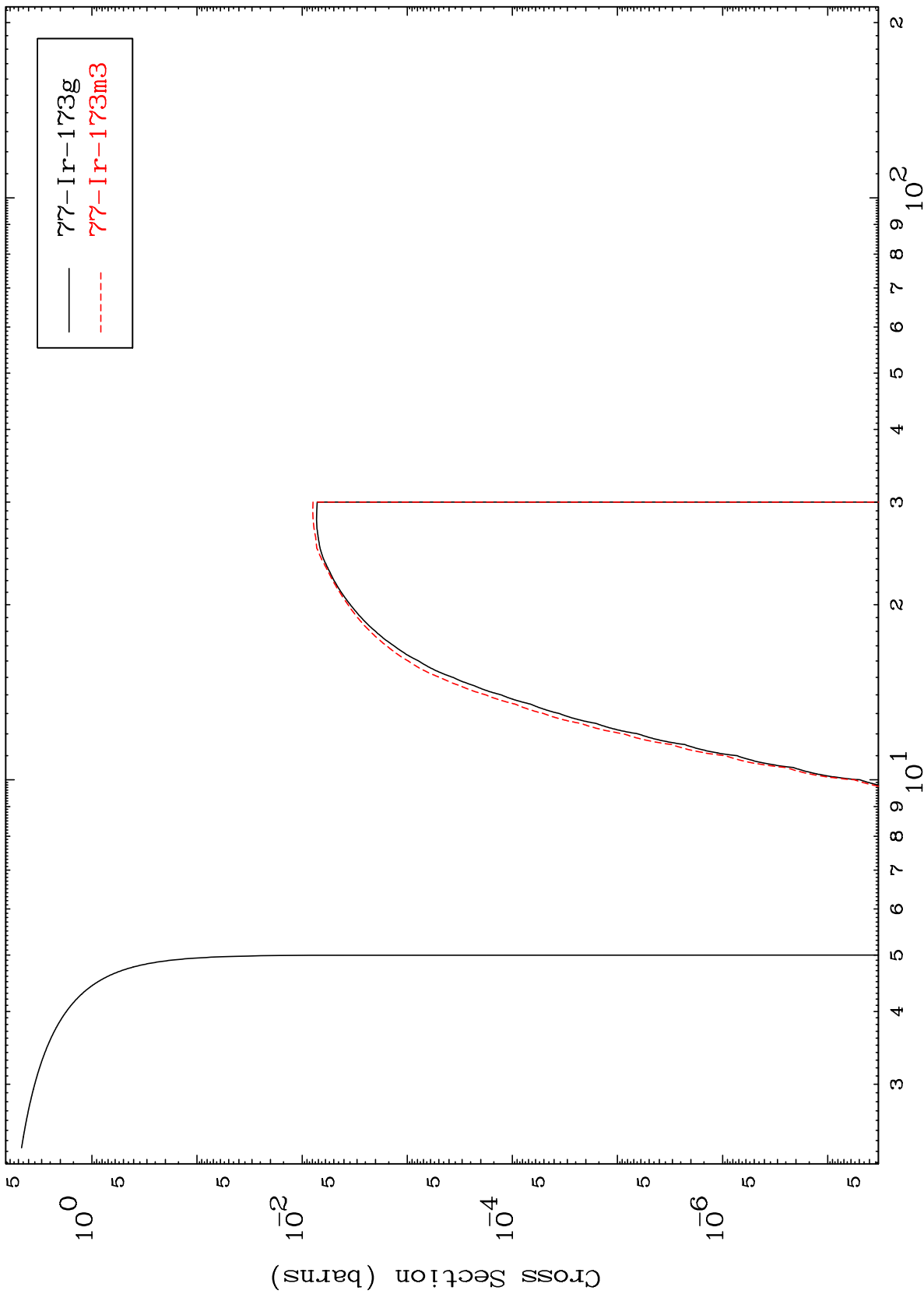
Incident Energy (MeV)

78-Pt-175

MAT 7780

78-Pt-175

(n, t)
Radionuclide Production Cross Section



79

Incident Energy (MeV)

78-Pt-175