

Program EVALPLOT
(Version 2021-1)

by

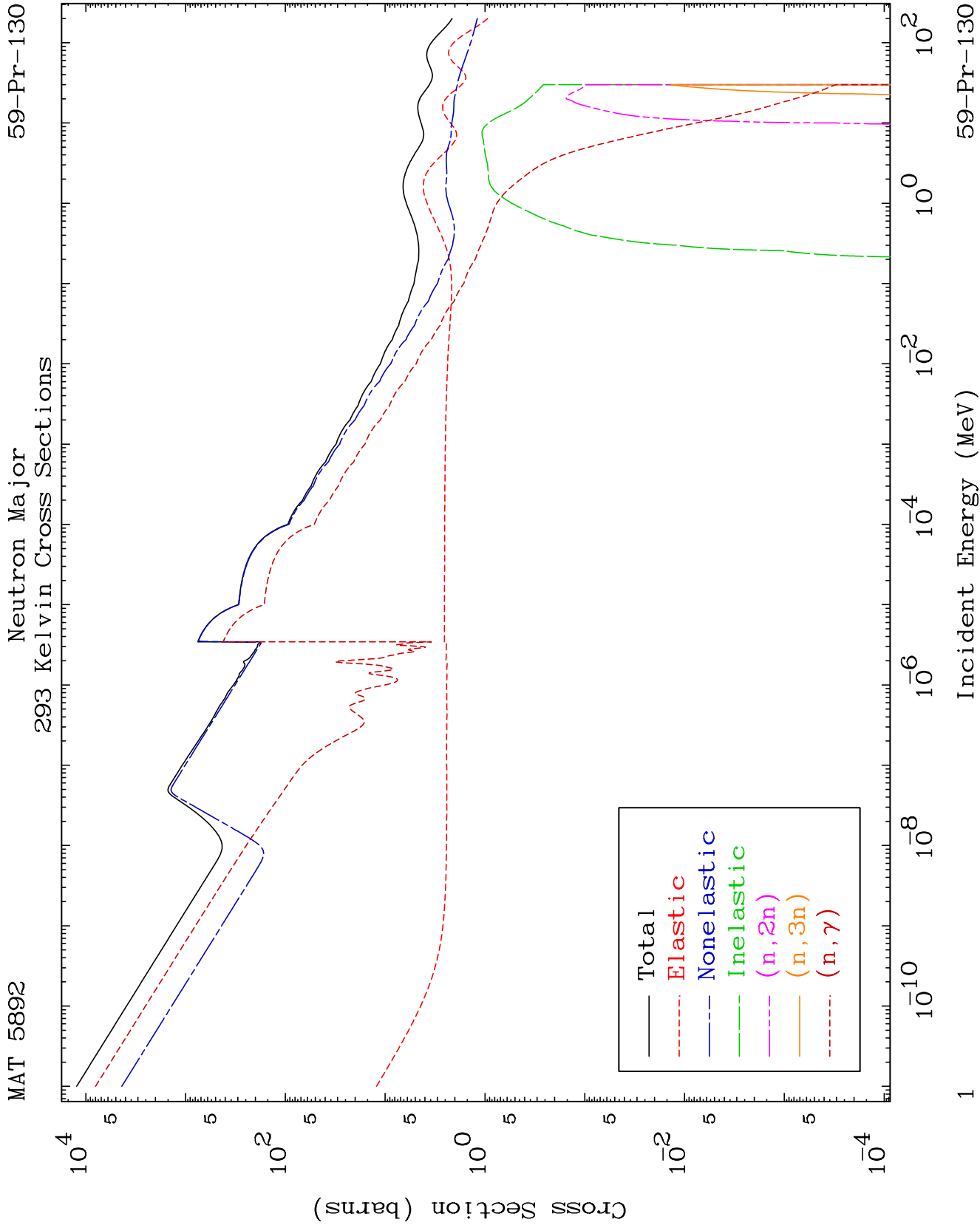
Dermott E. Cullen
(Present Contact Information)

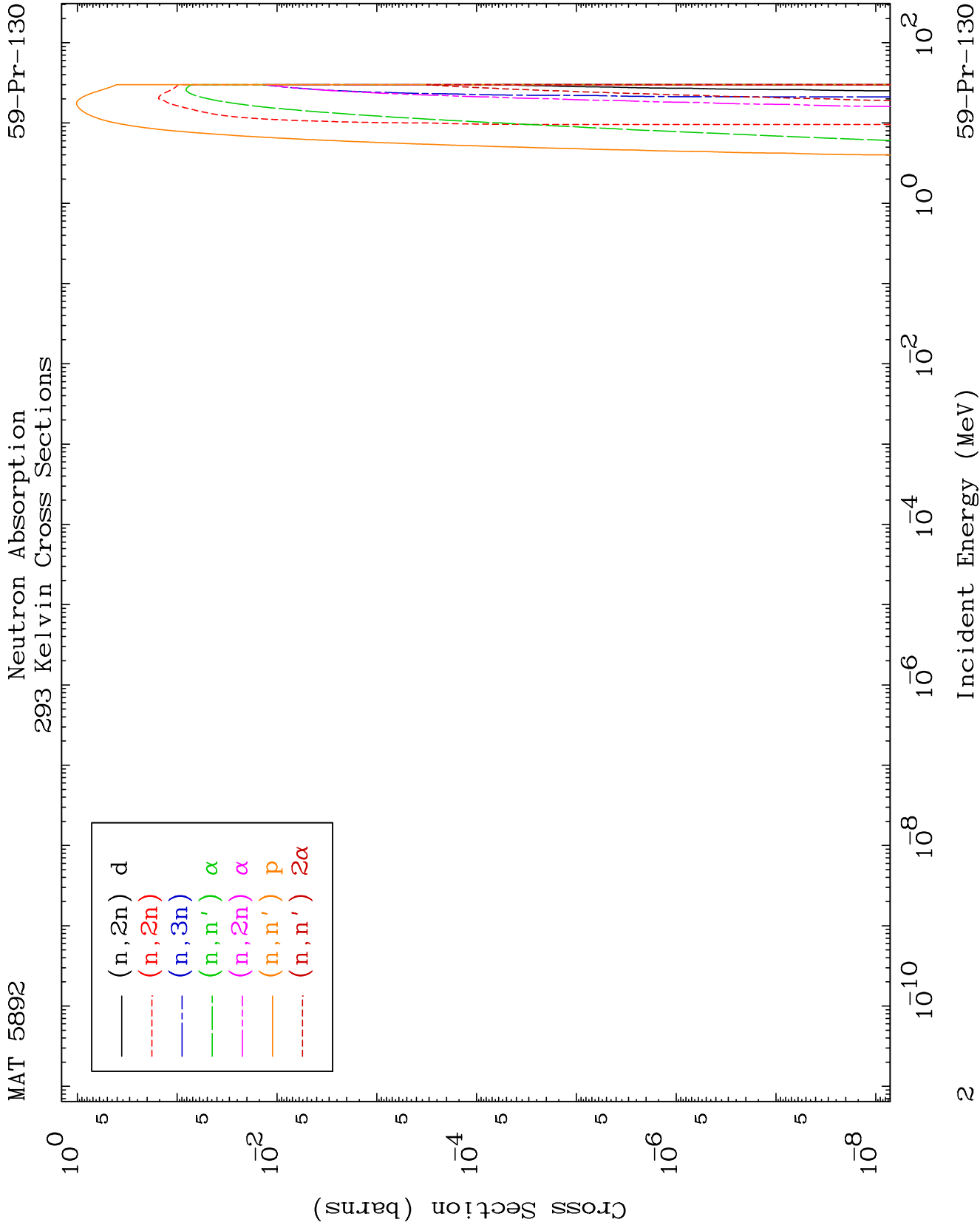
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
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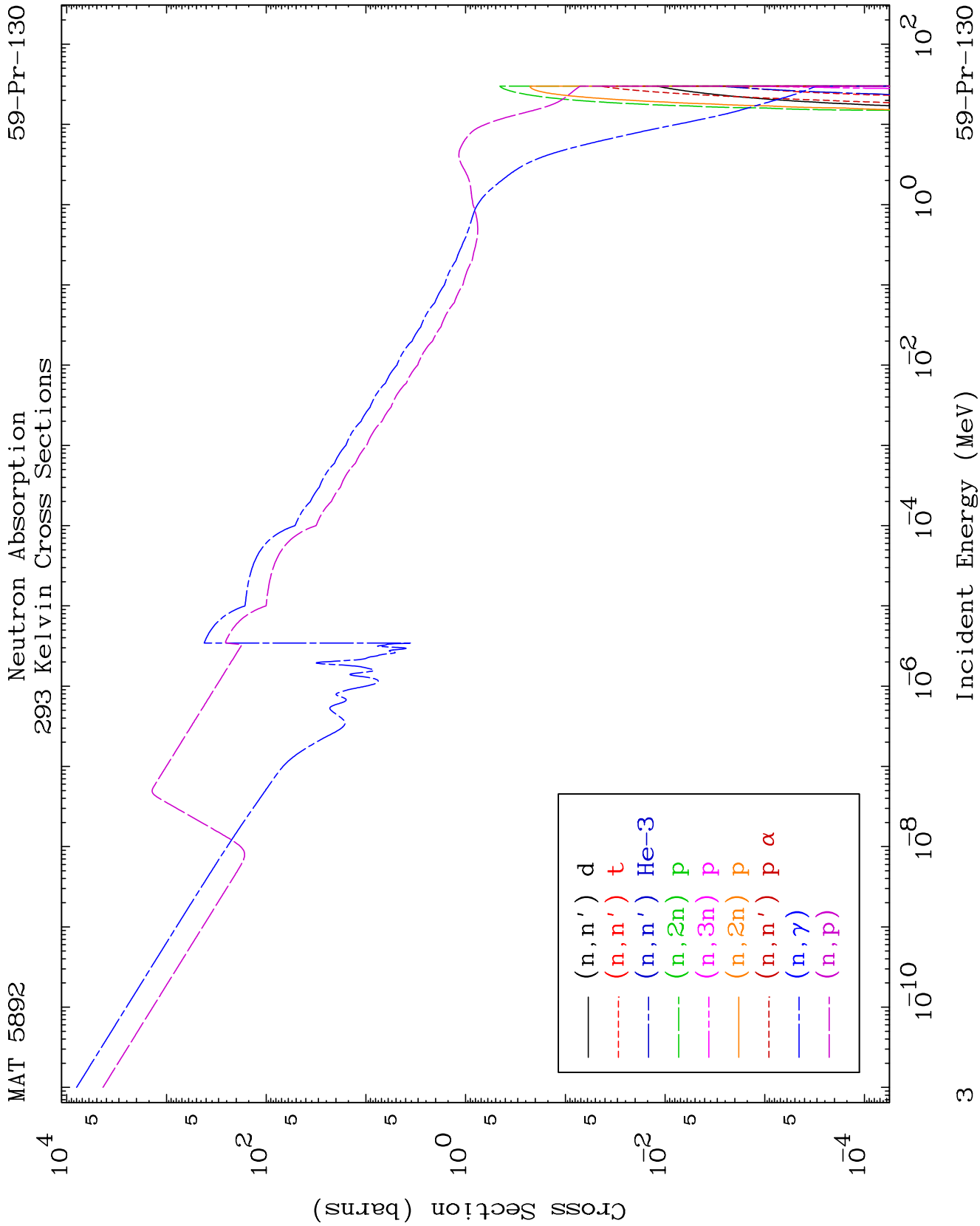
Tele: 925-443-1911

E.Mail: redcullen1@comcast.net
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Press Mouse Button to Start



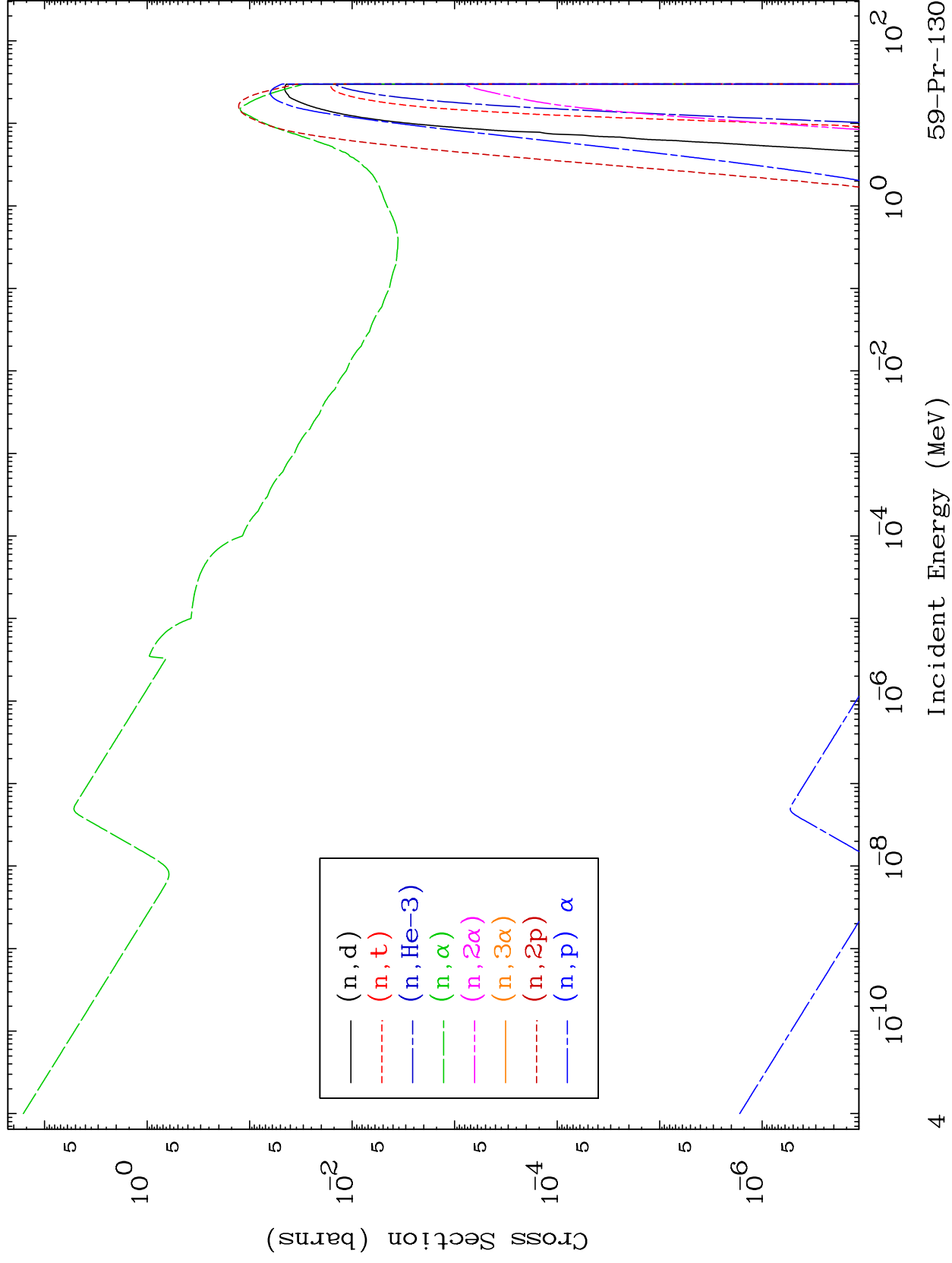


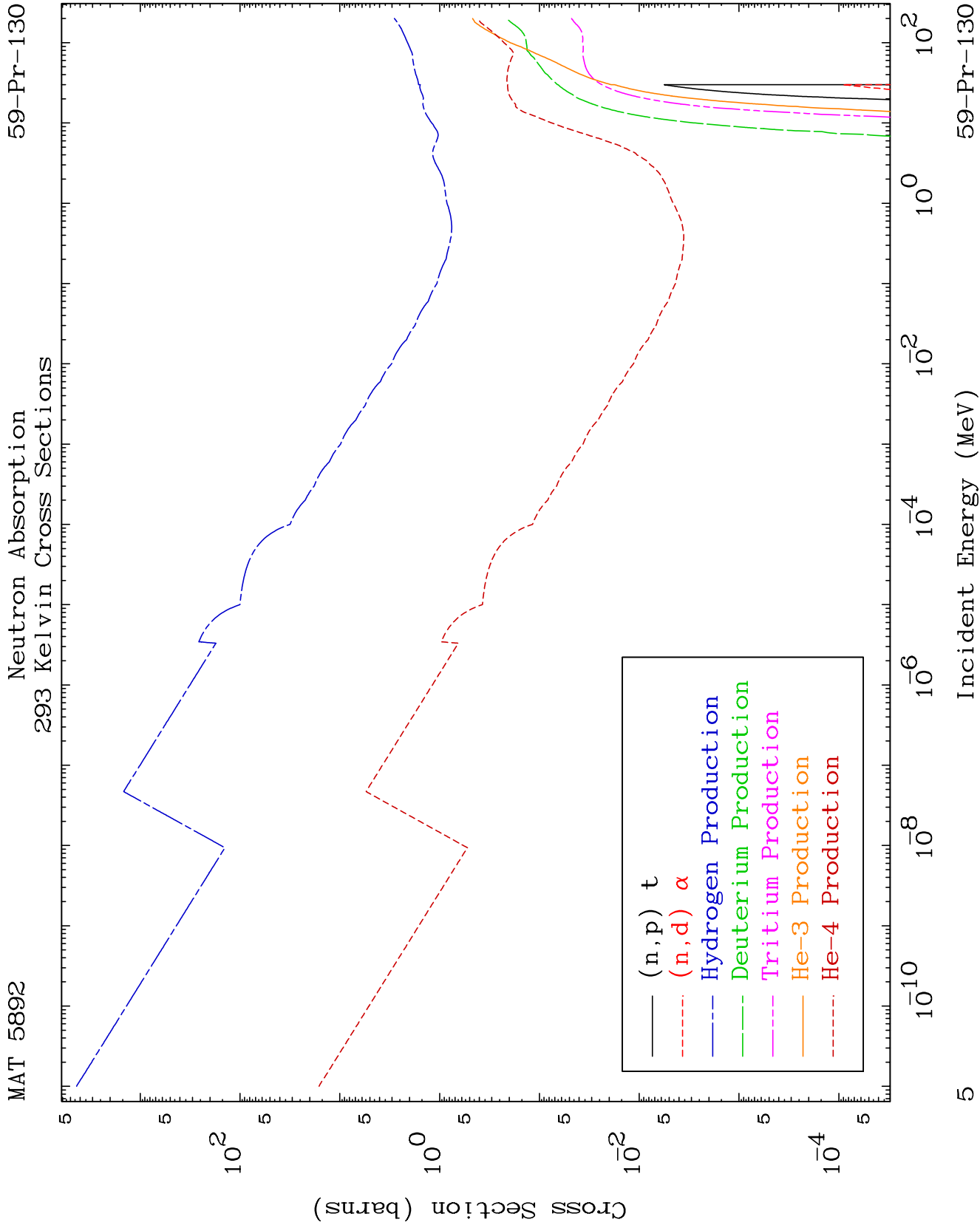


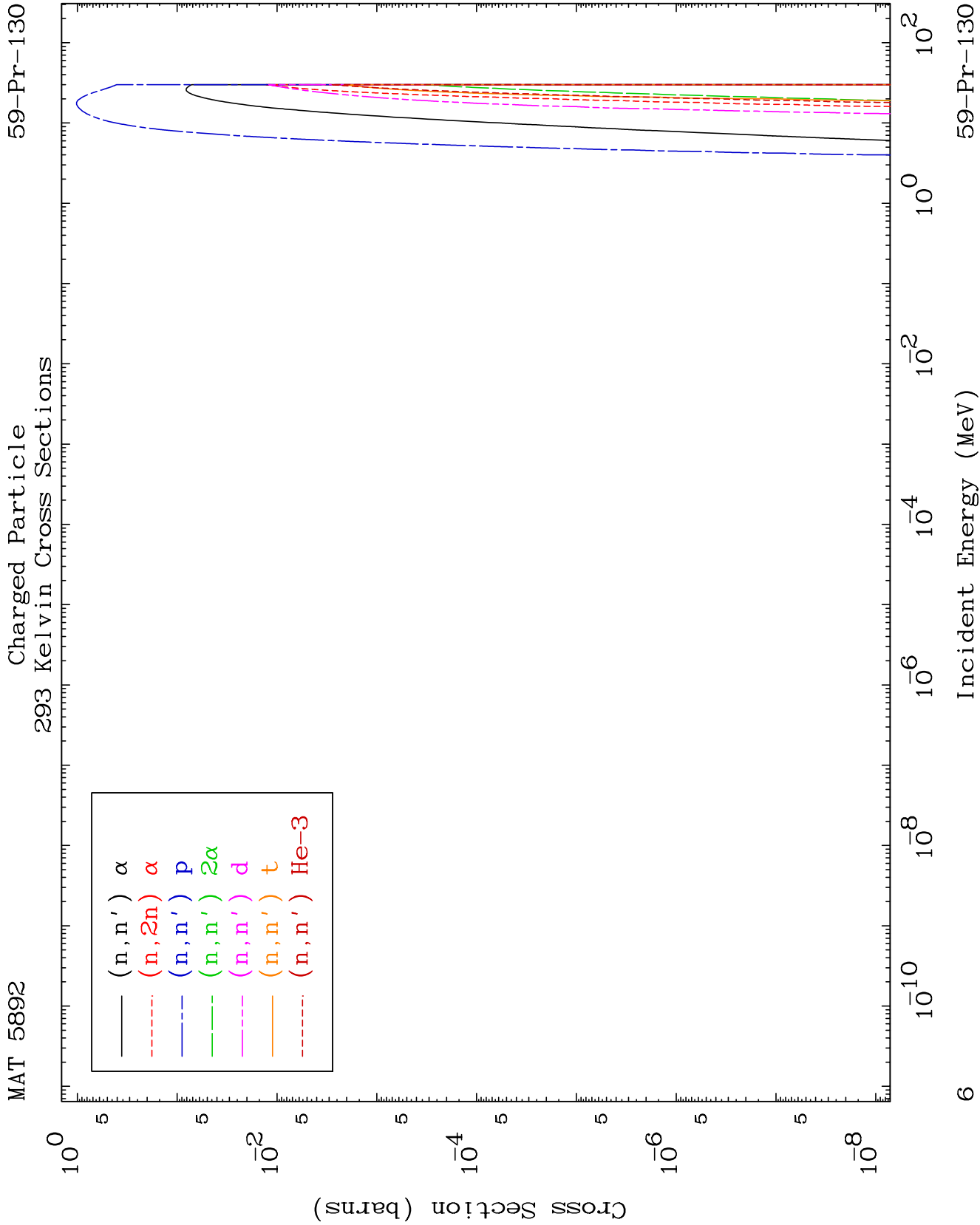
MAT 5892

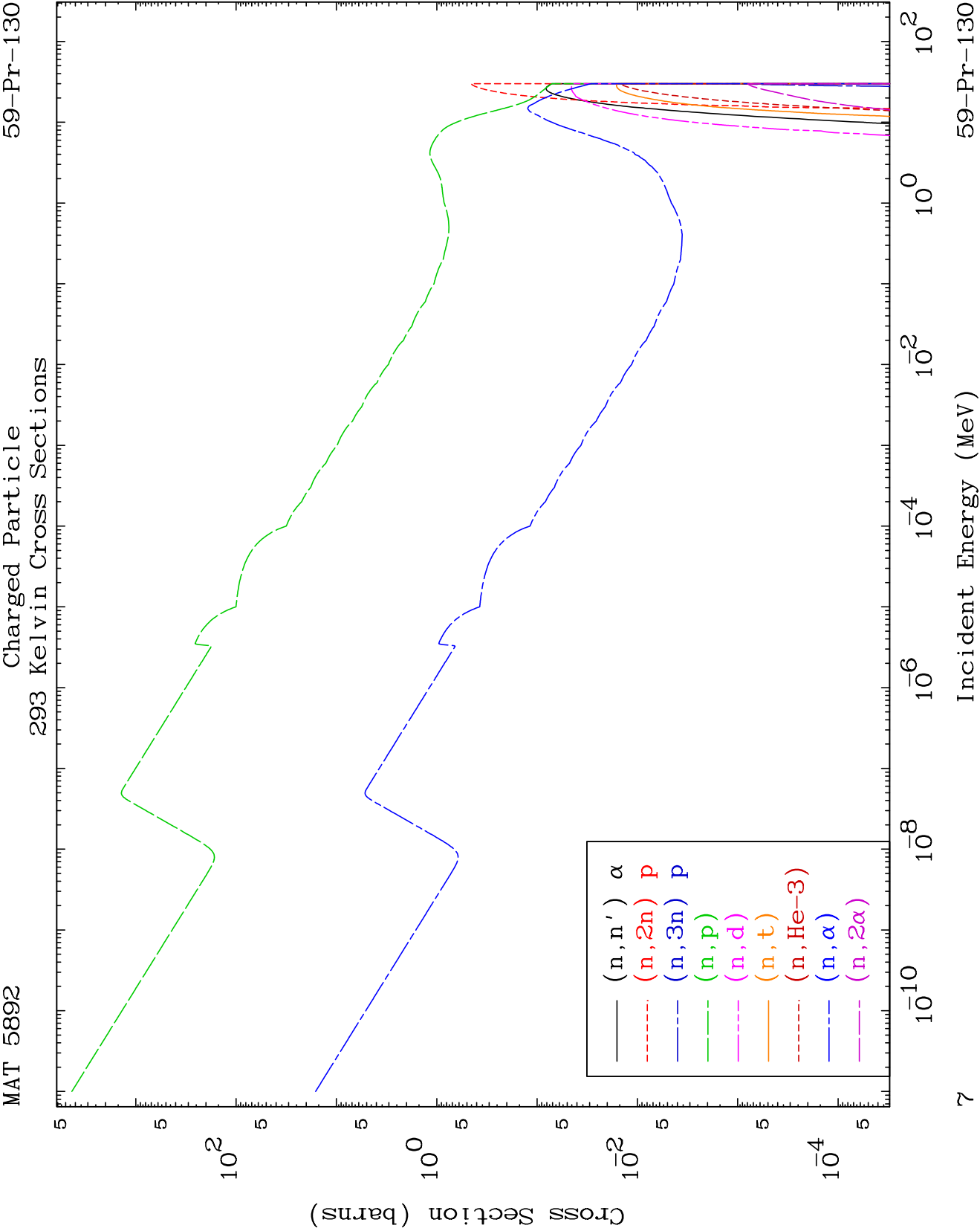
Neutron Absorption
293 Kelvin Cross Sections

59-Pr-130





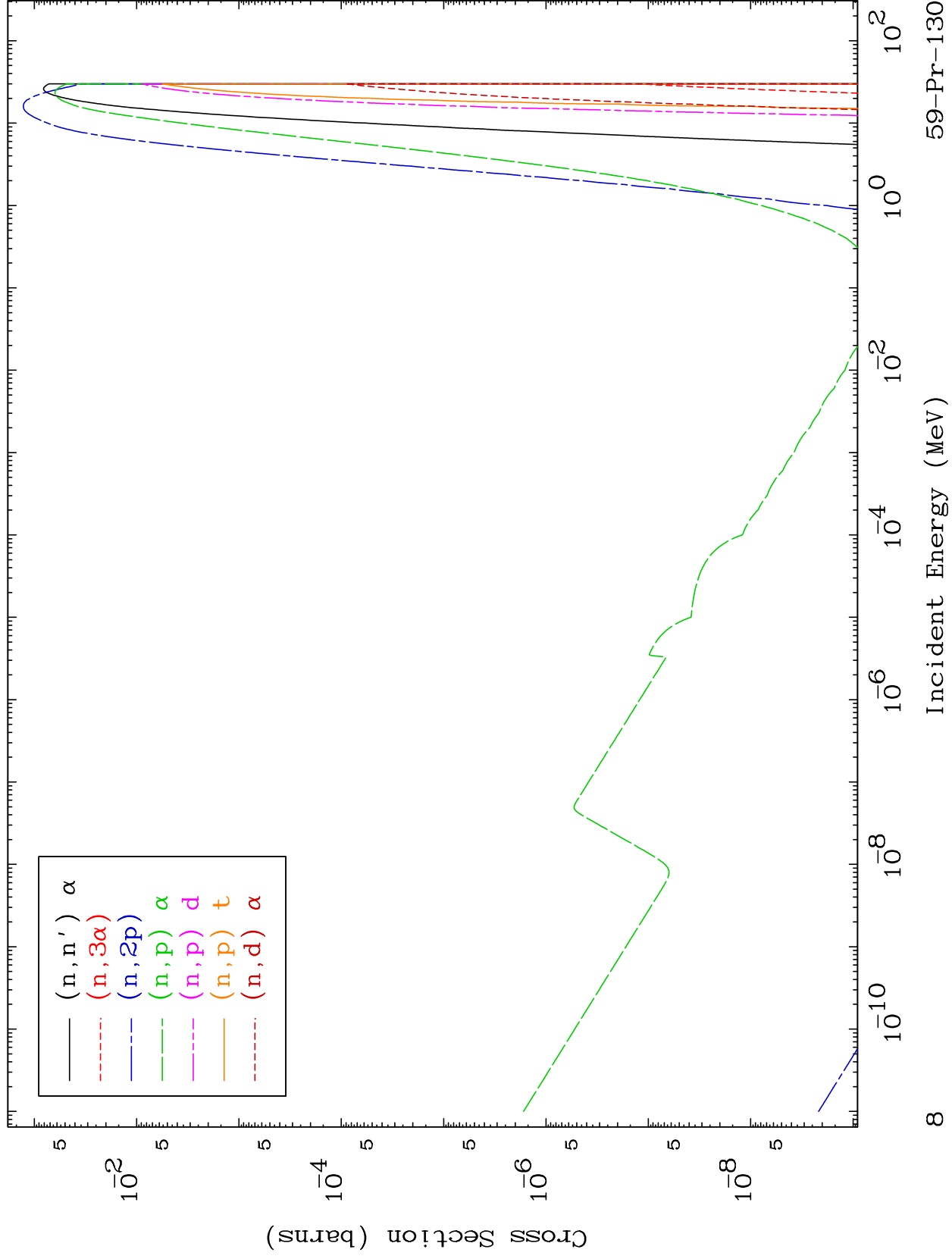


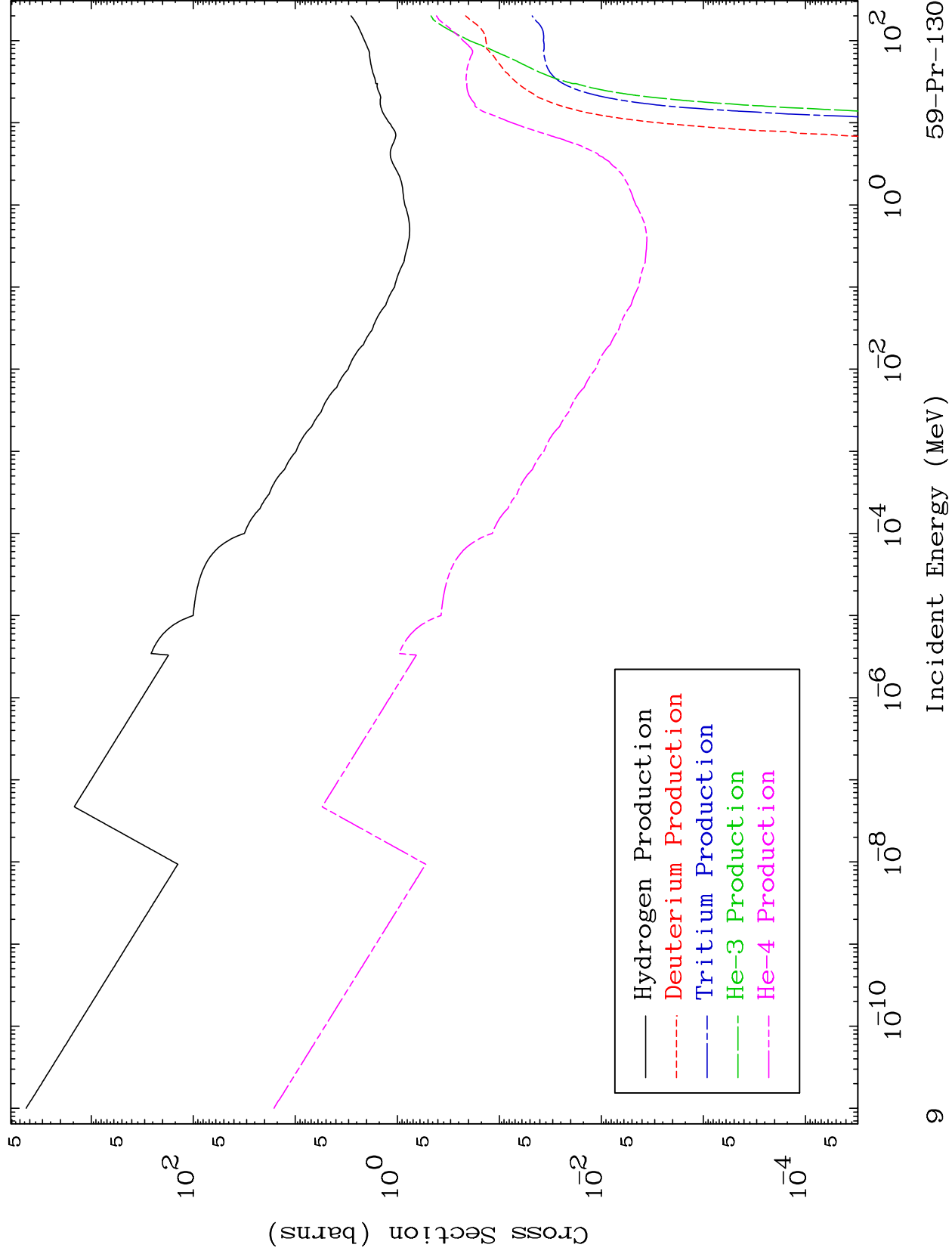


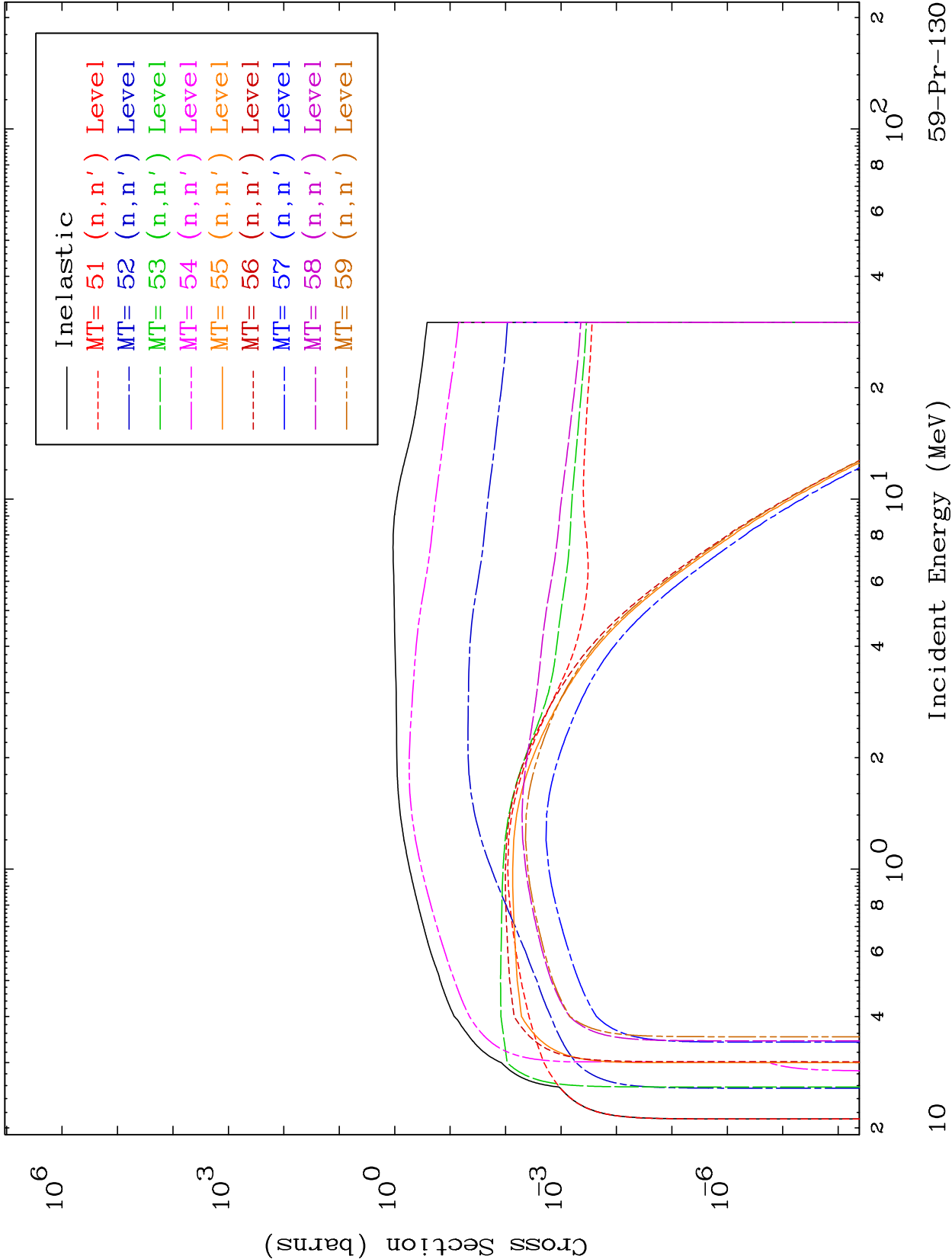
MAT 5892

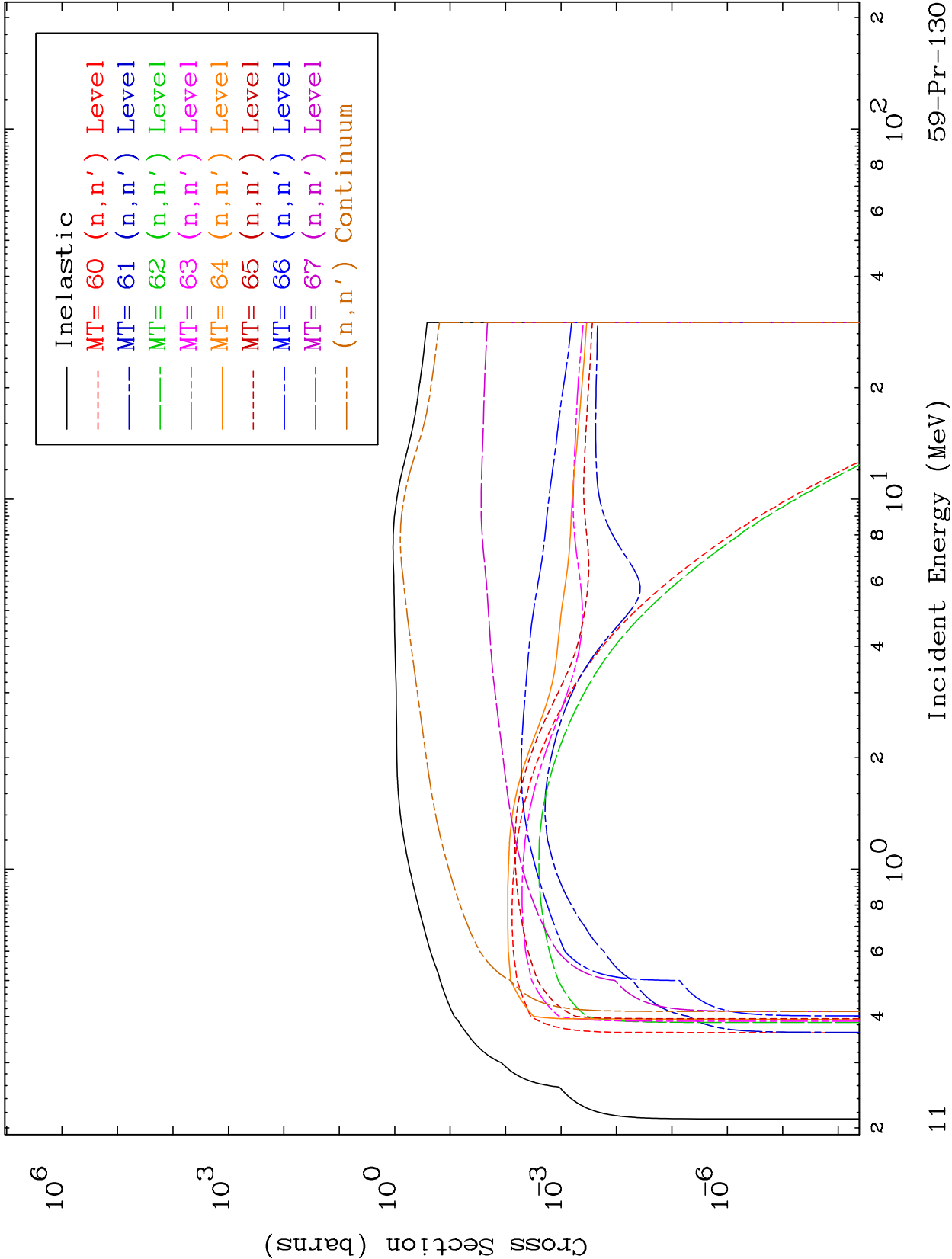
Charged Particle
293 Kelvin Cross Sections

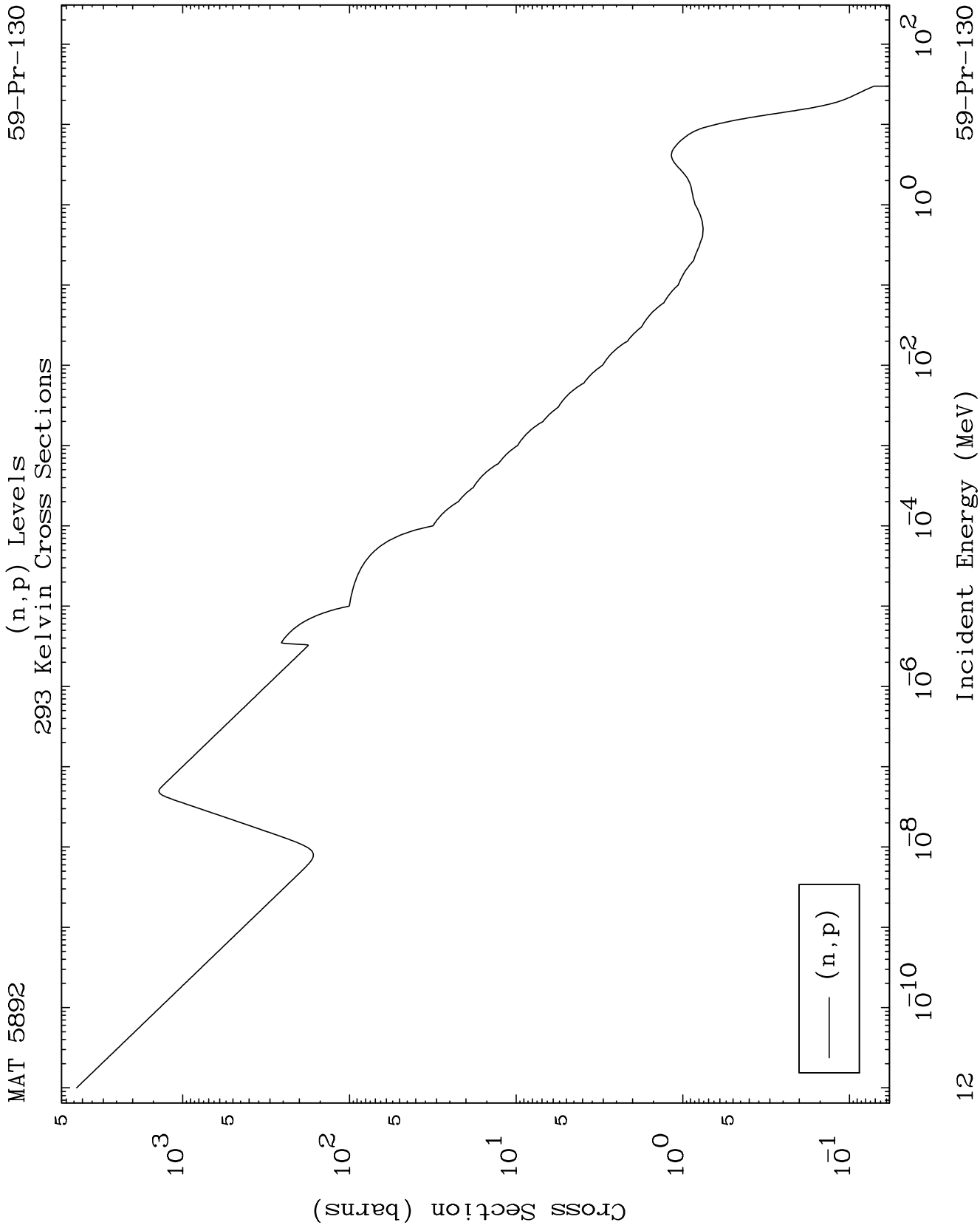
59-Pr-130

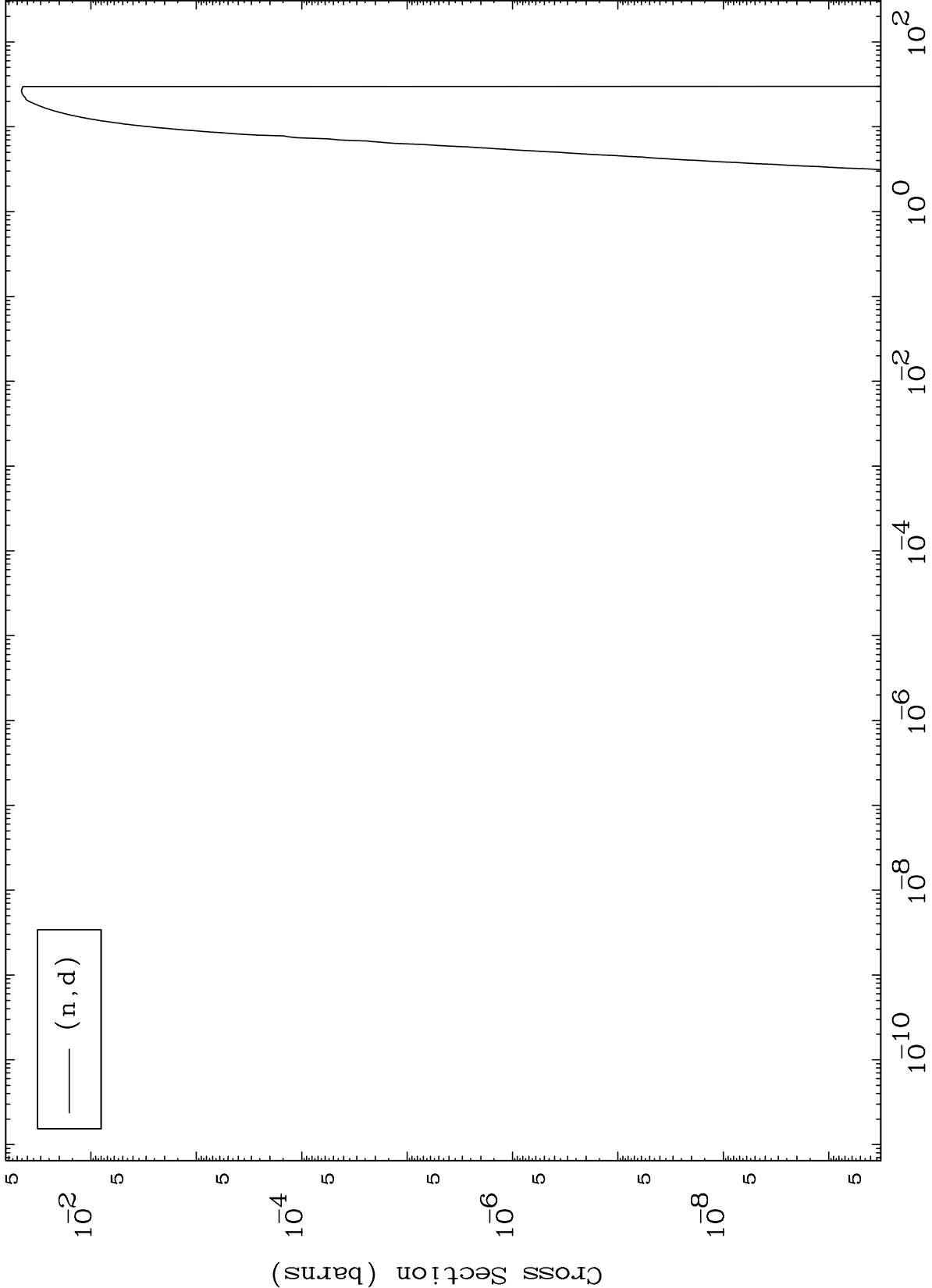








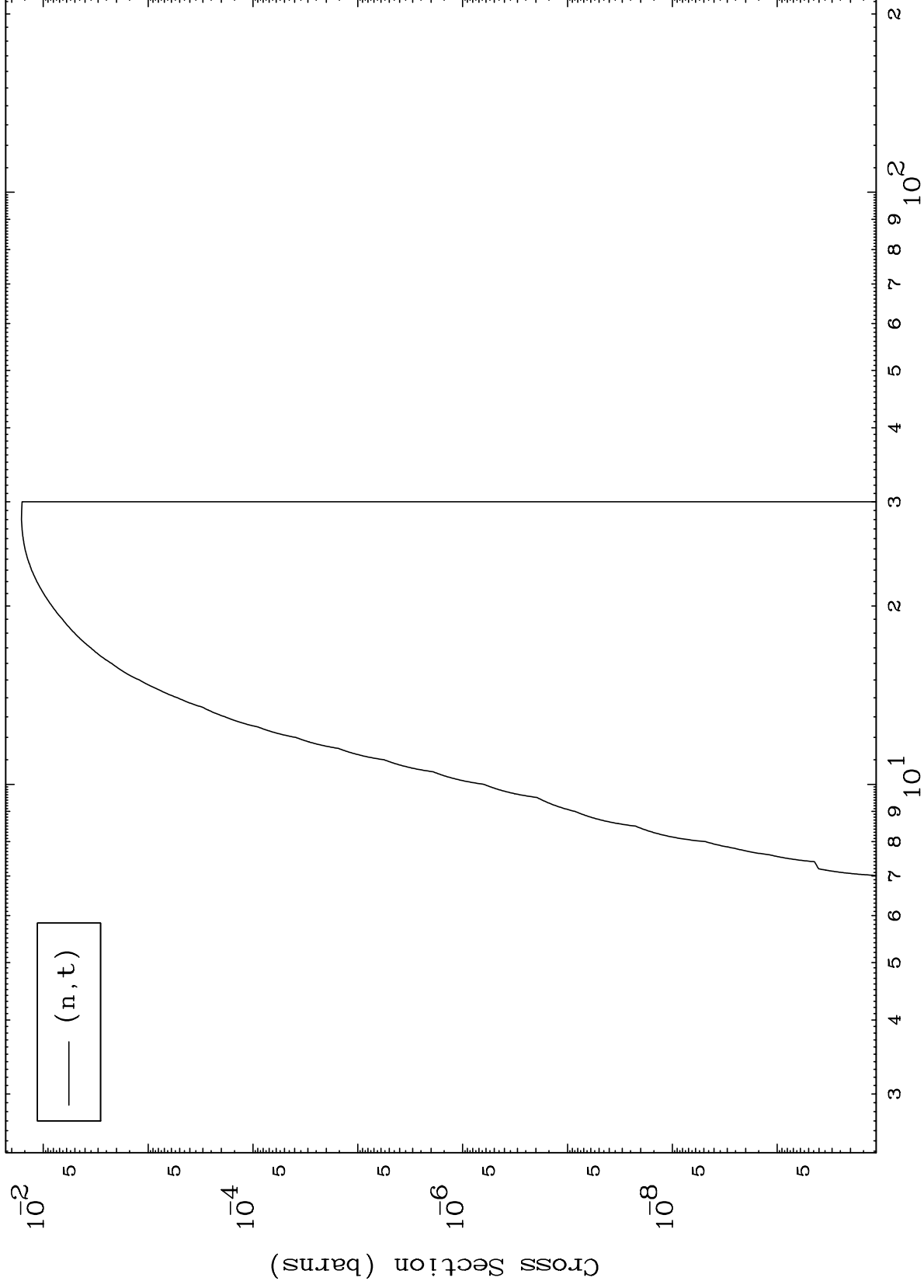




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(n,t) Levels
293 Kelvin Cross Sections



59-Pr-130

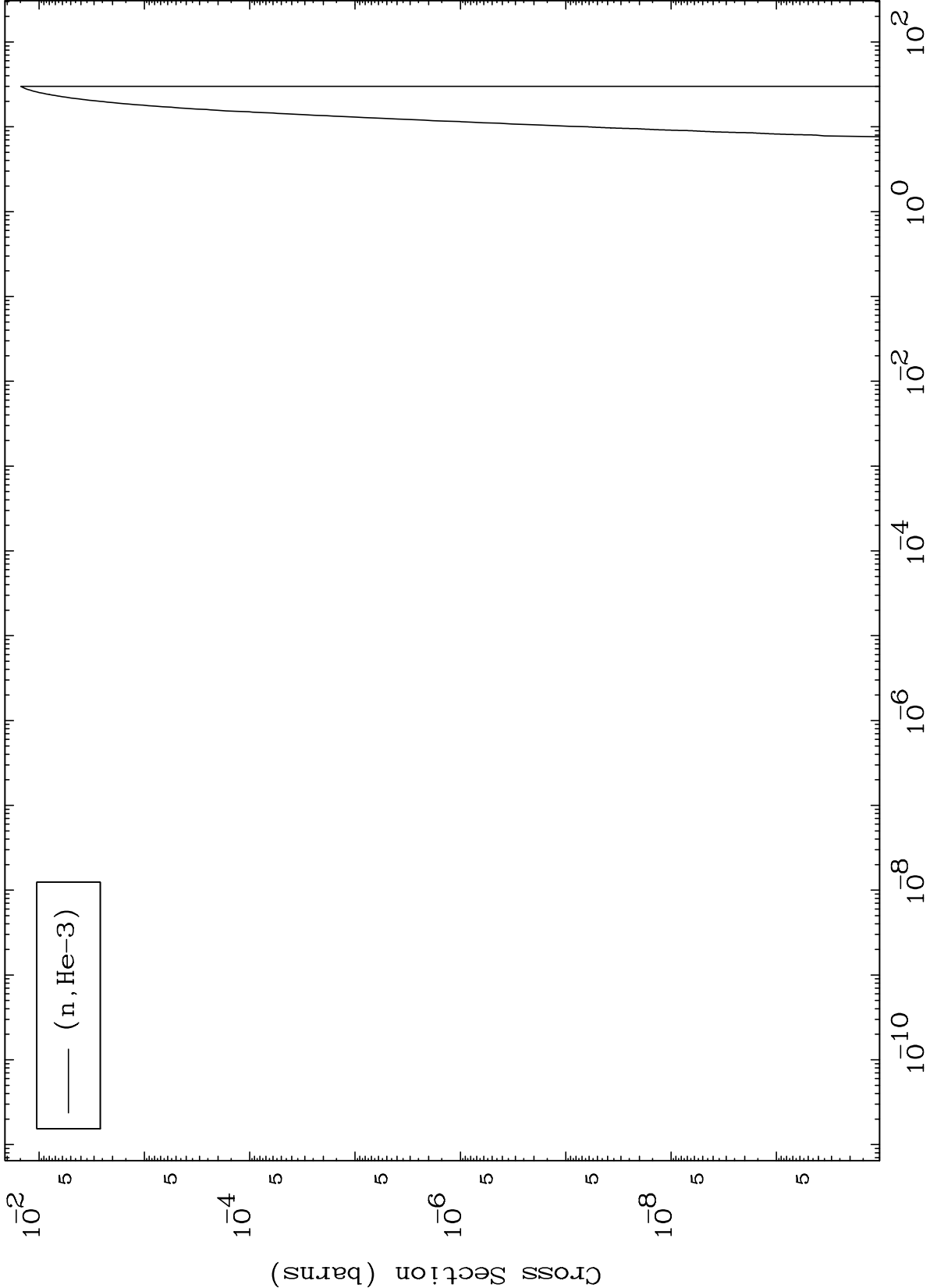
Incident Energy (MeV)

14

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(n,He3) Levels
293 Kelvin Cross Sections

59-Pr-130



— (n, He-3)

15

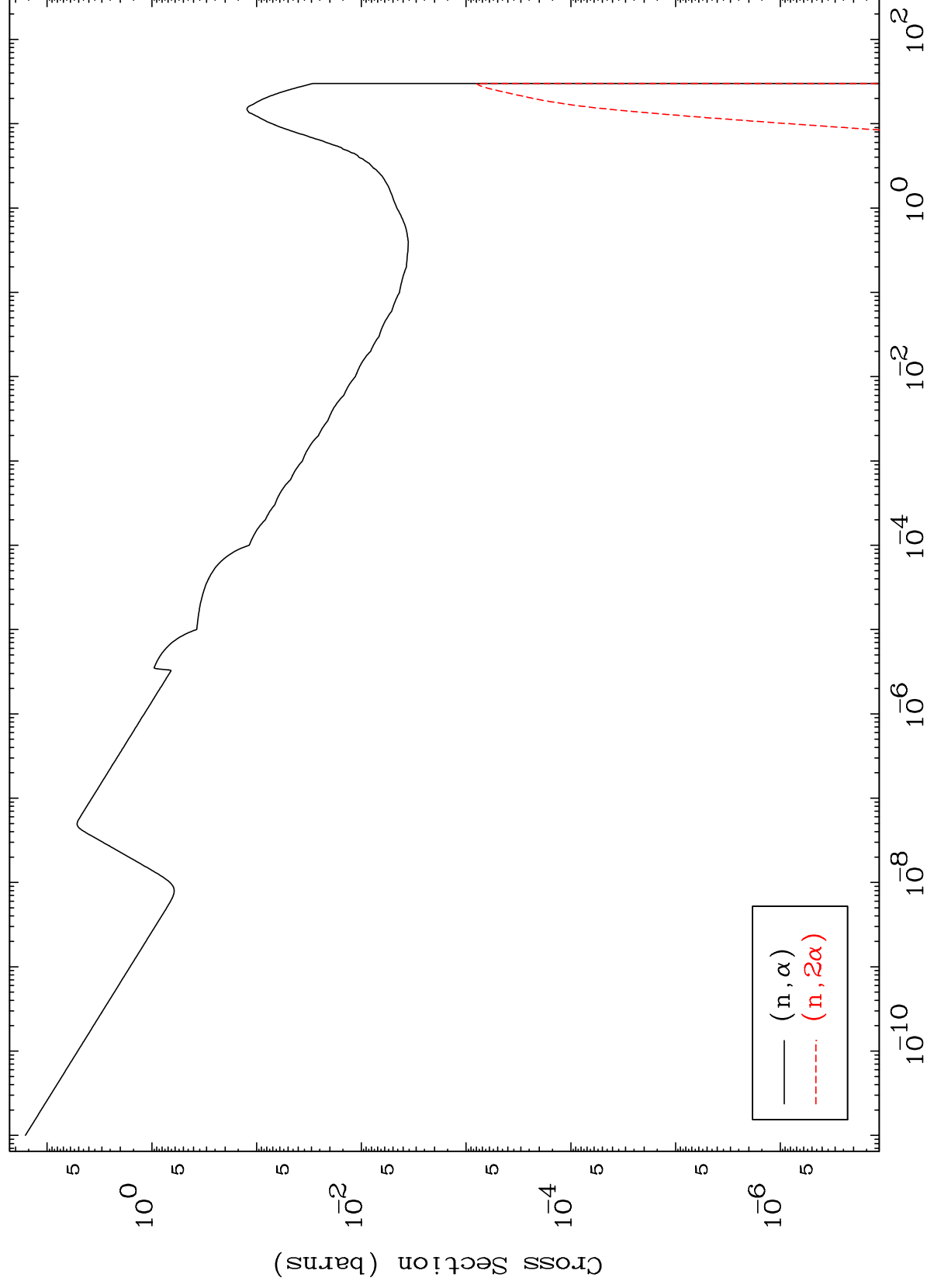
Incident Energy (MeV)

59-Pr-130

MAT 5892

(n, α) Levels
293 Kelvin Cross Sections

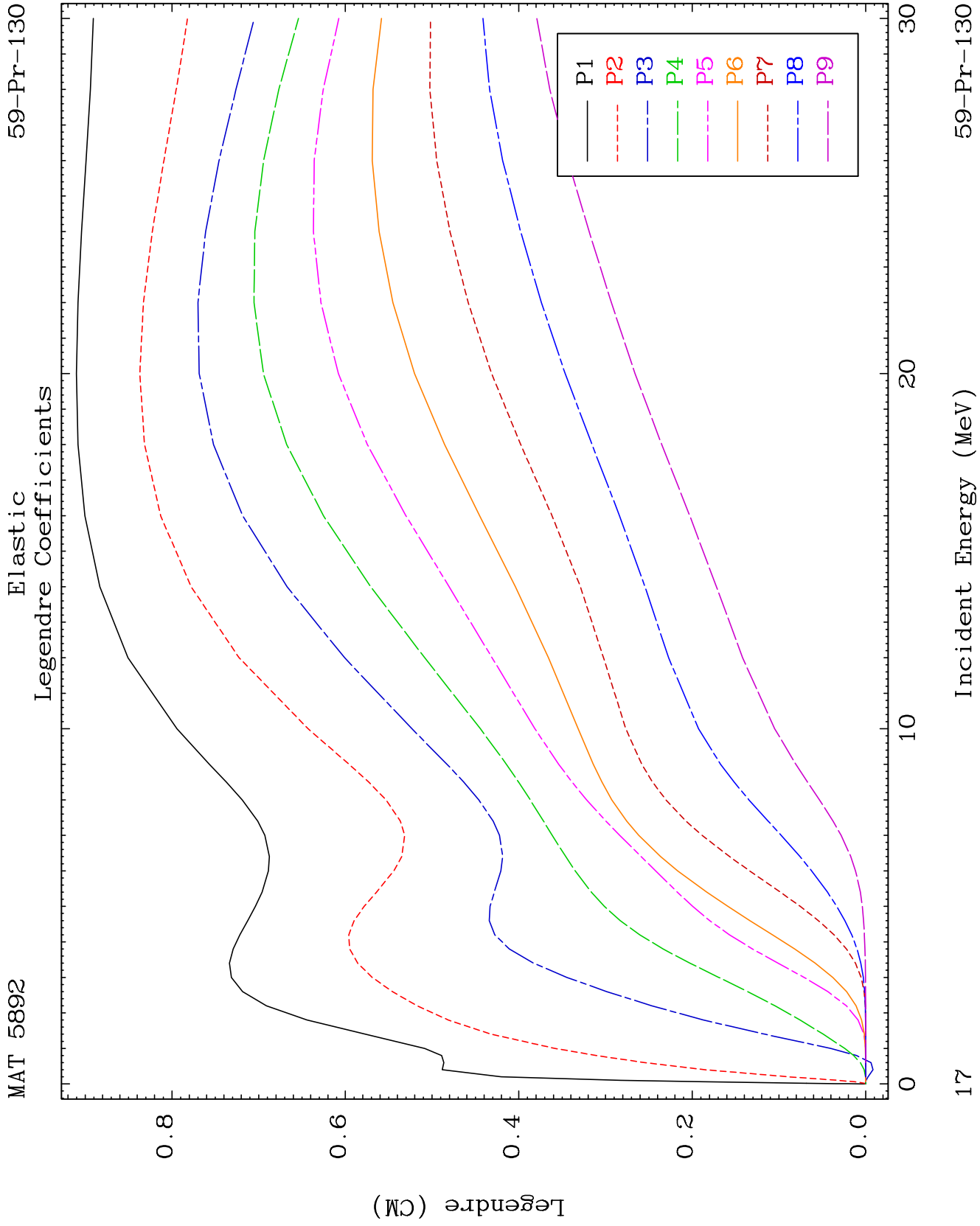
59-Pr-130



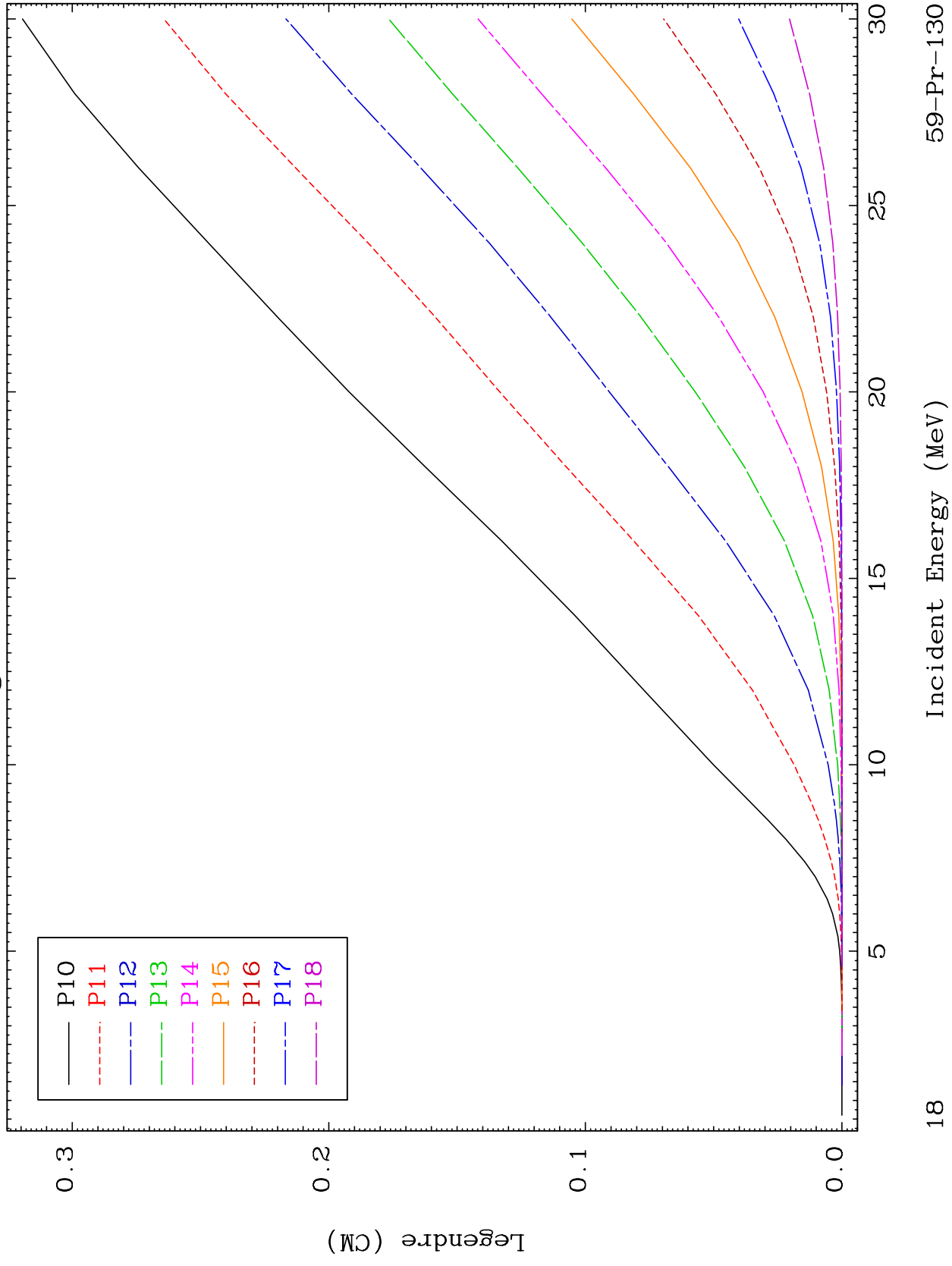
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Incident Energy (MeV)

59-Pr-130



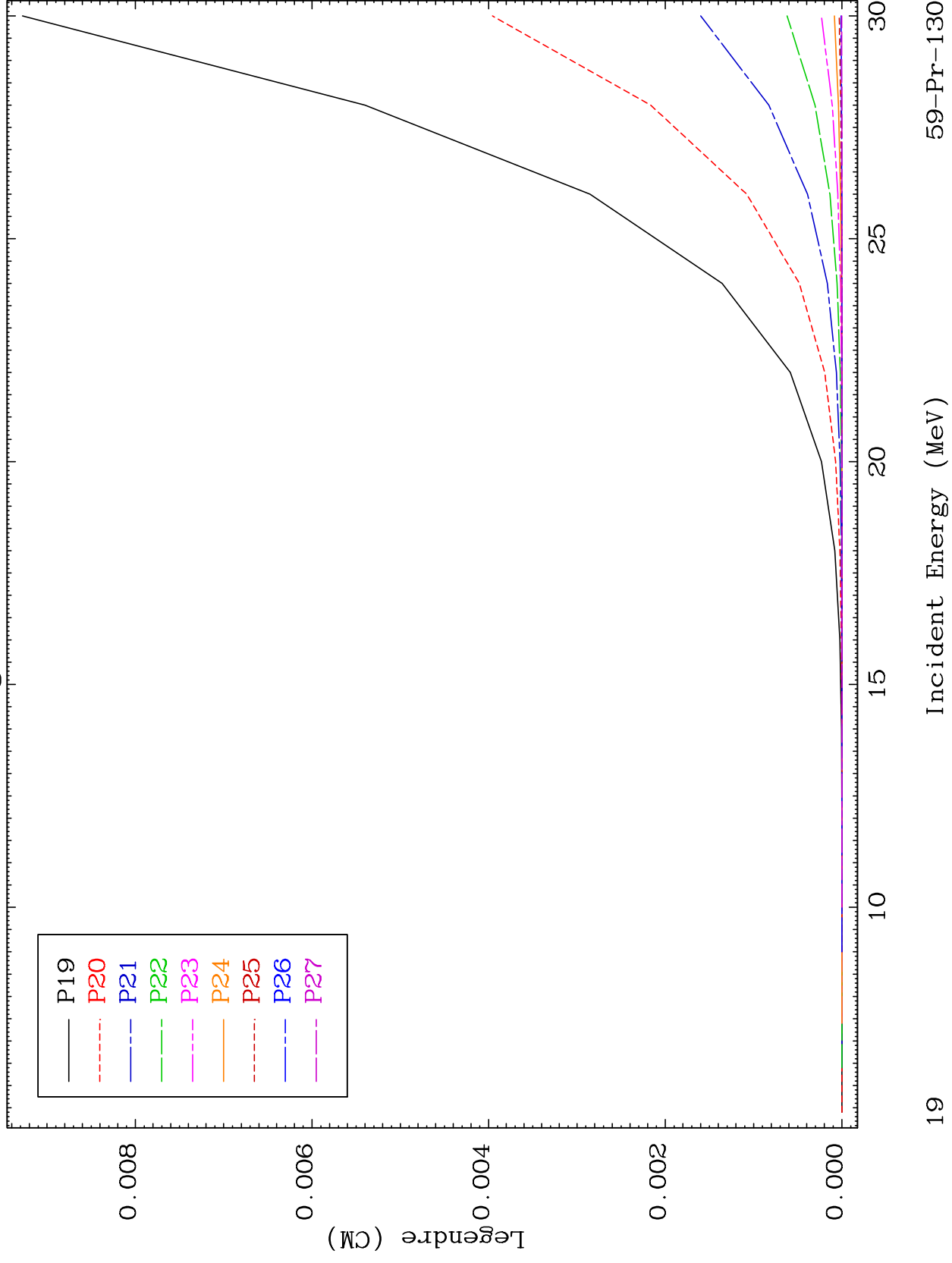
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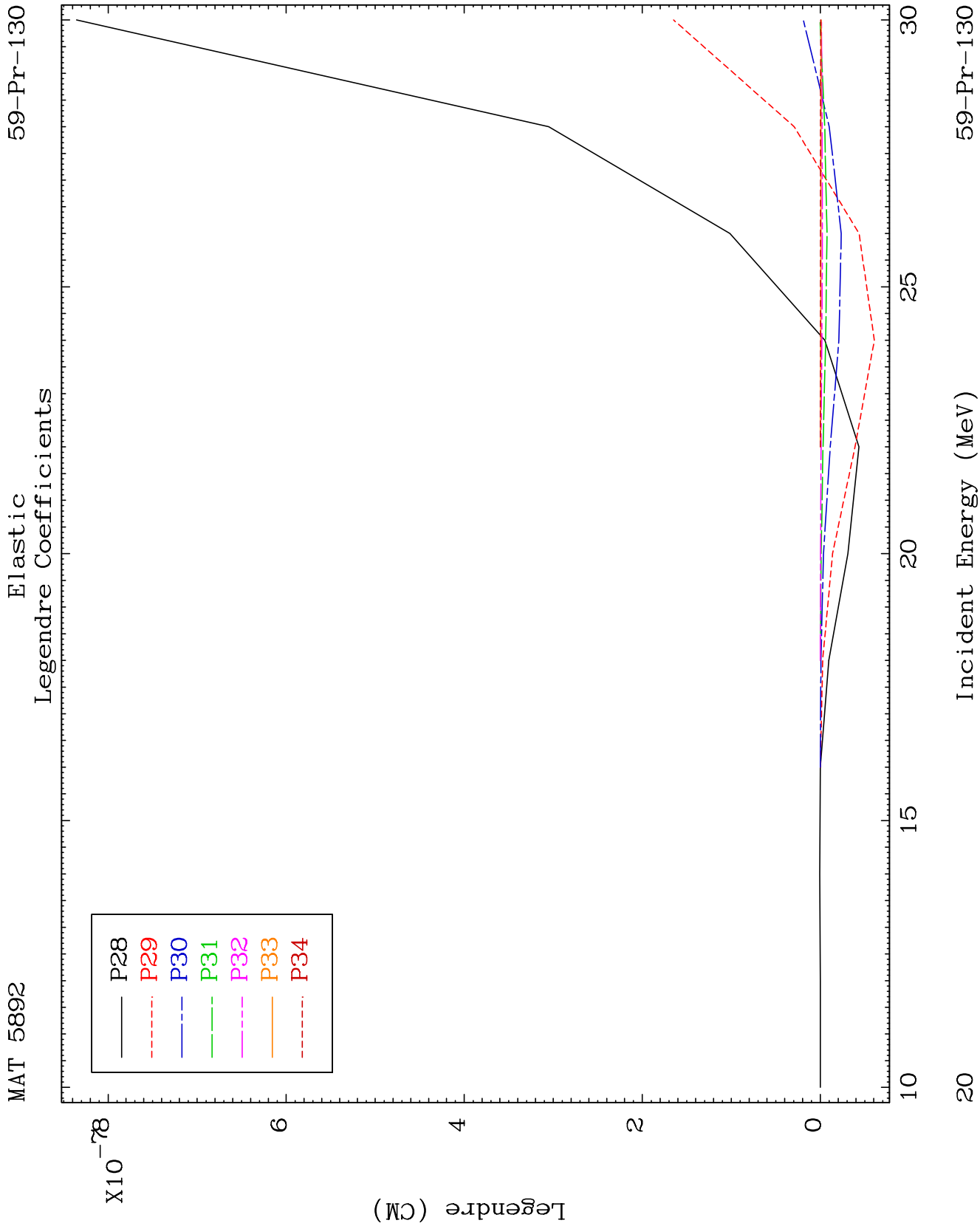


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Elastic Legendre Coefficients

59-Pr-130

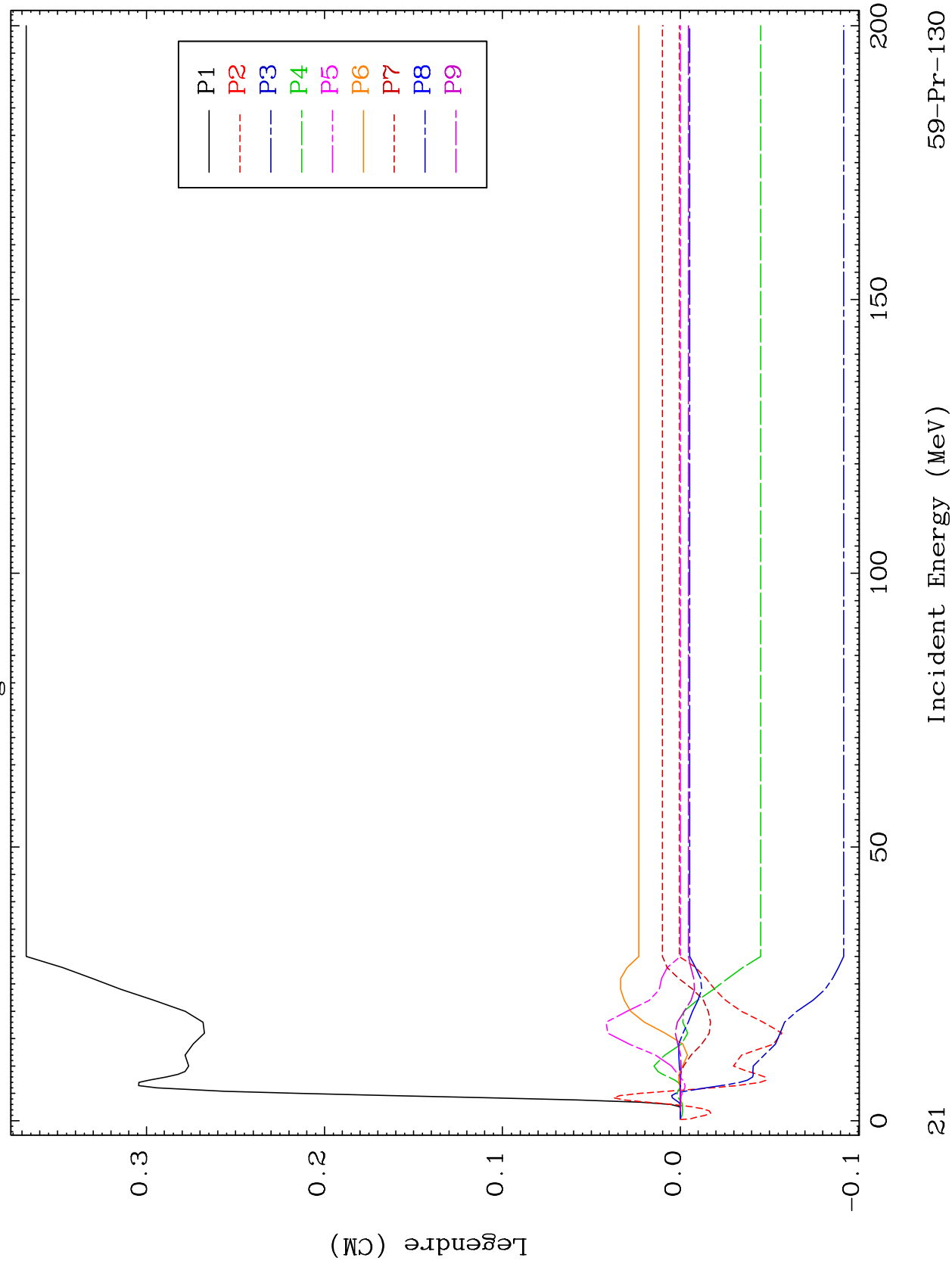


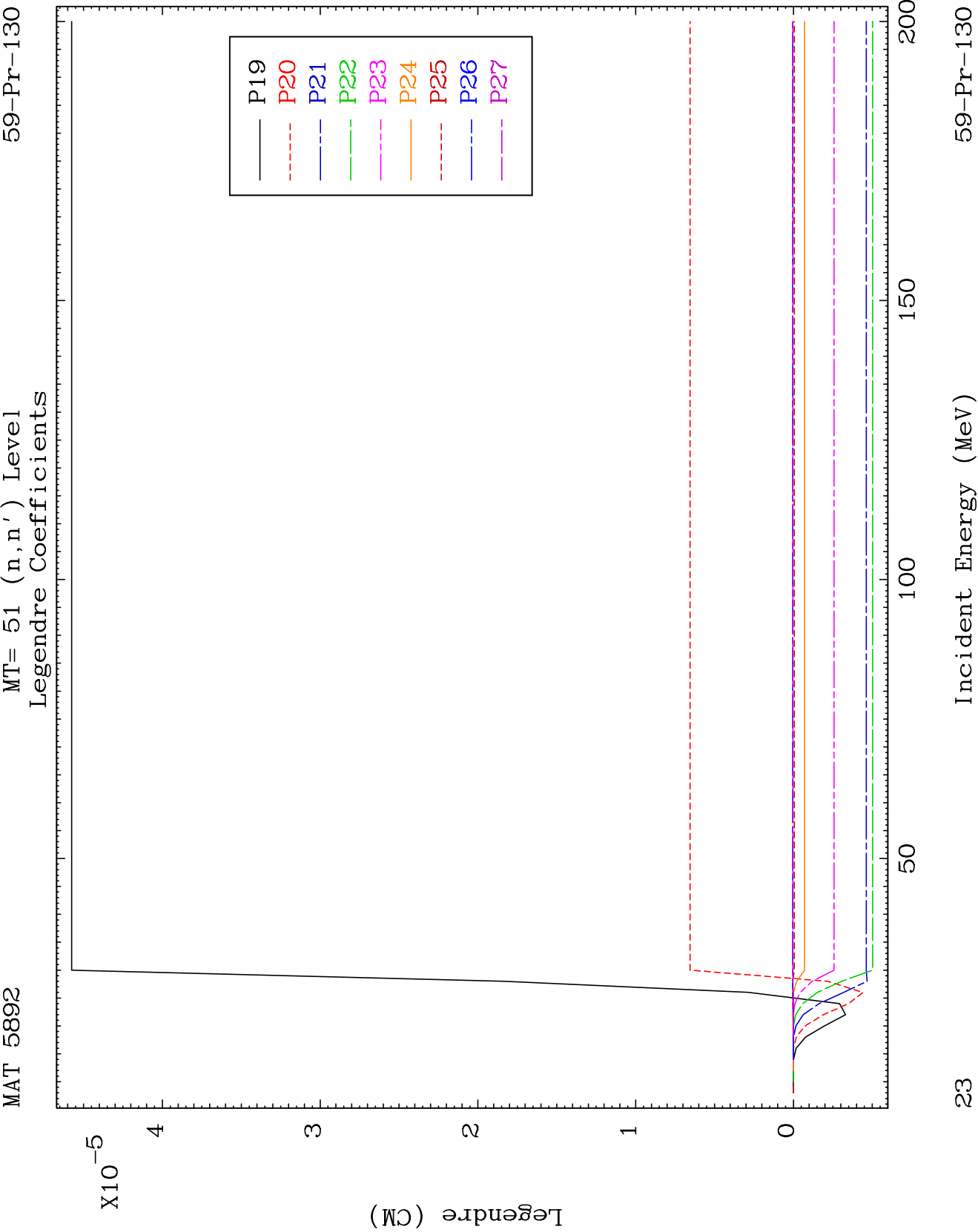


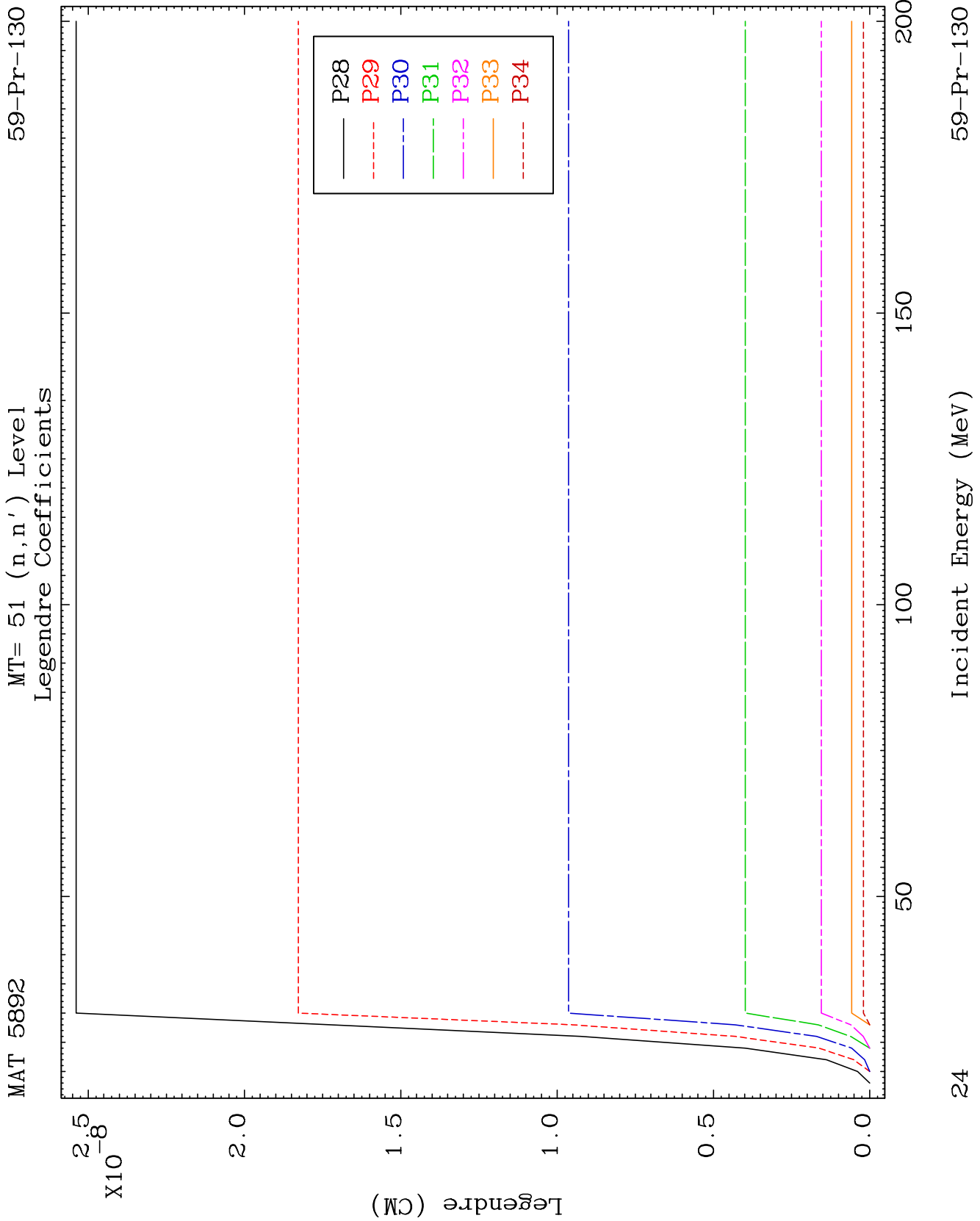
MAT 5892

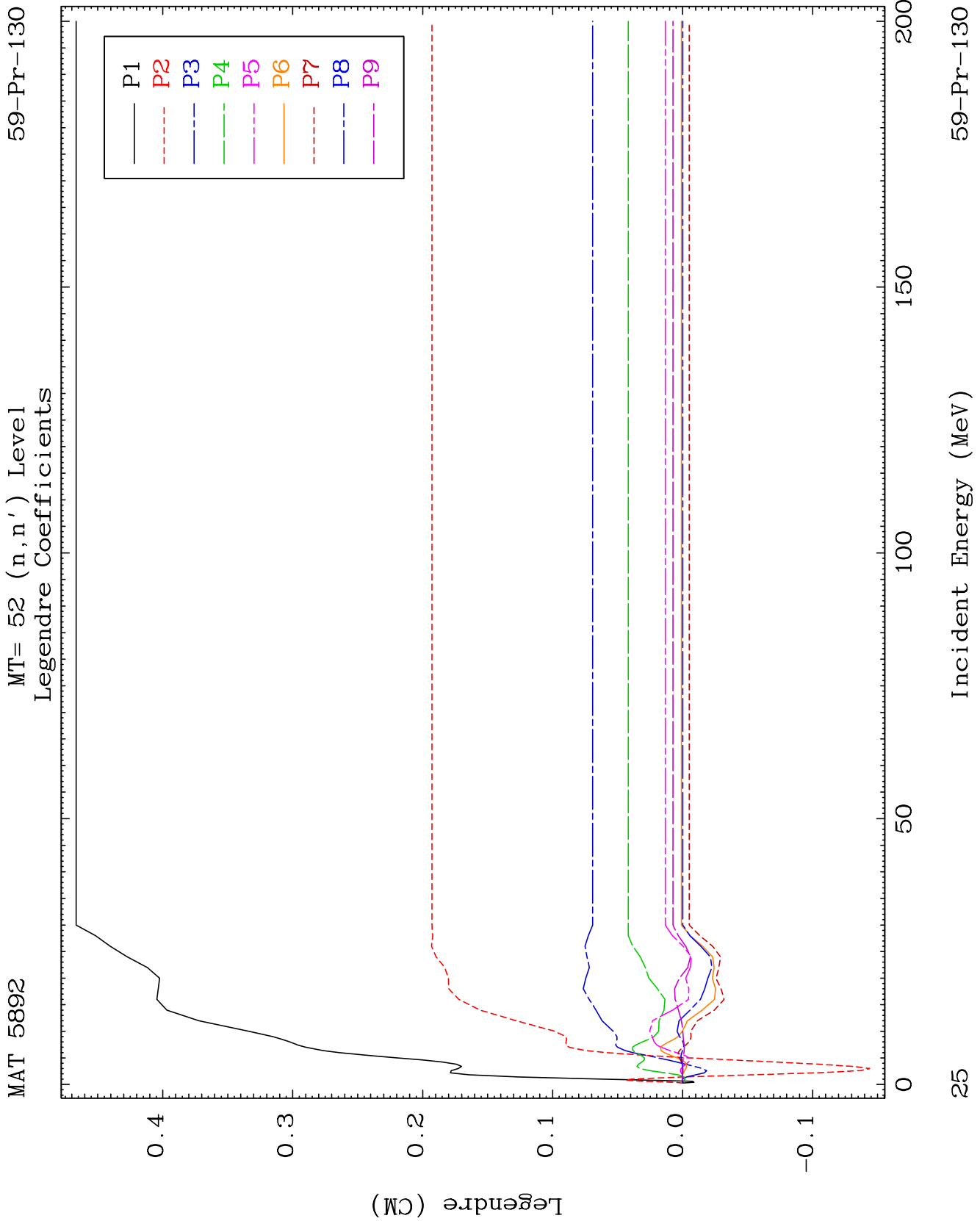
MT= 51 (n, n') Level
Legendre Coefficients

59-Pr-130





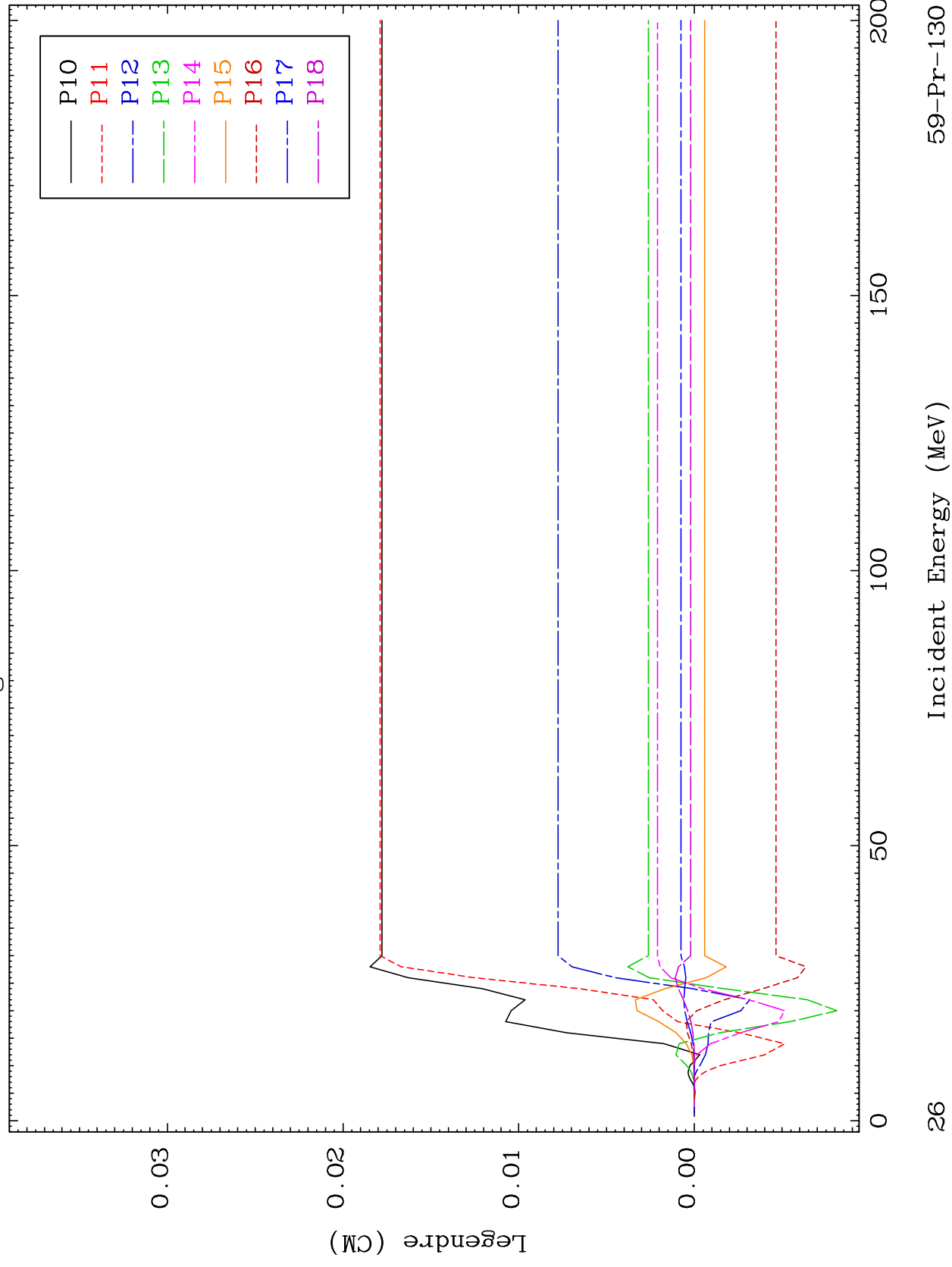




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MT= 52 (n, n') Level
Legendre Coefficients

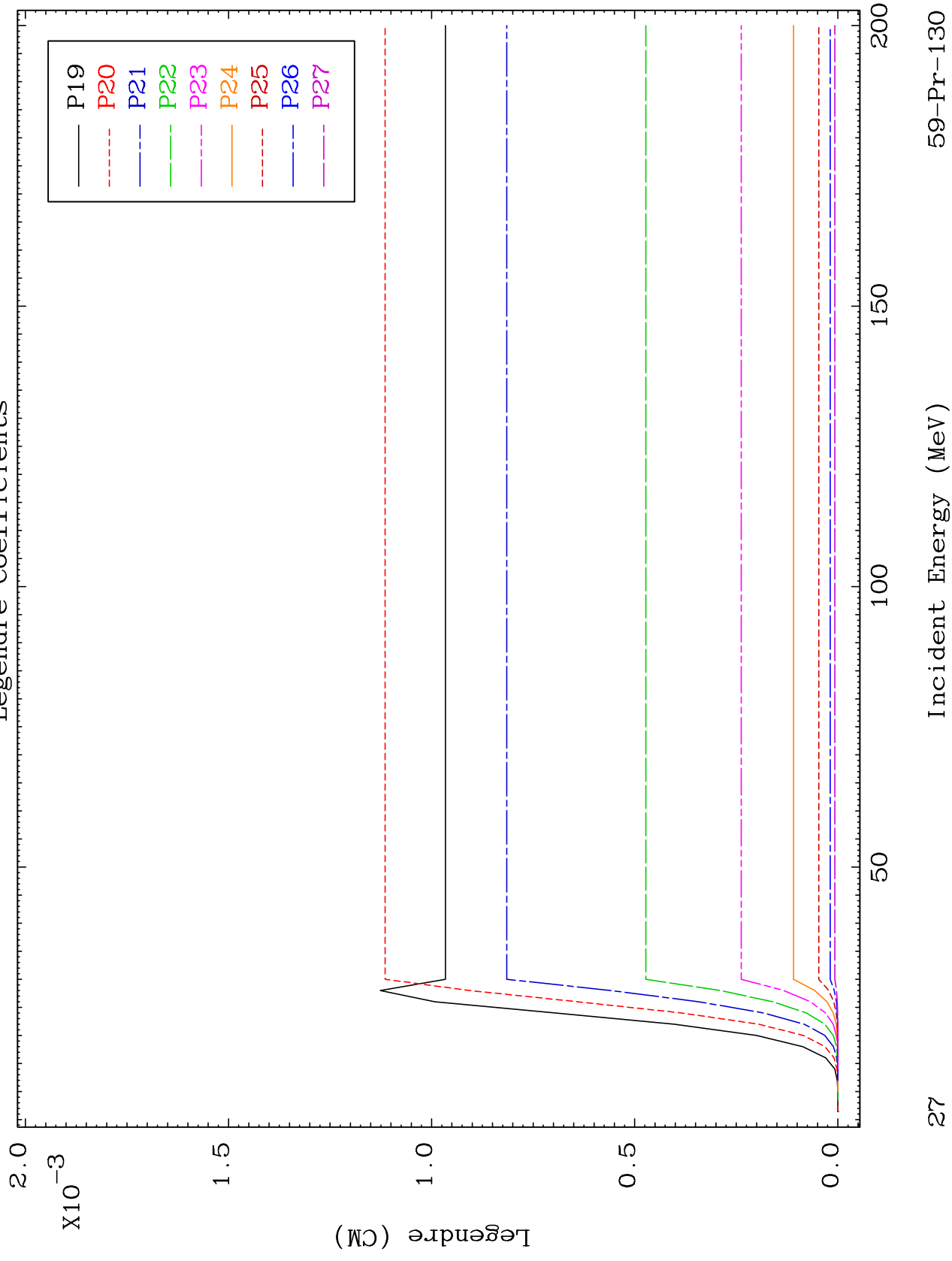
59-Pr-130



MAT 5892

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

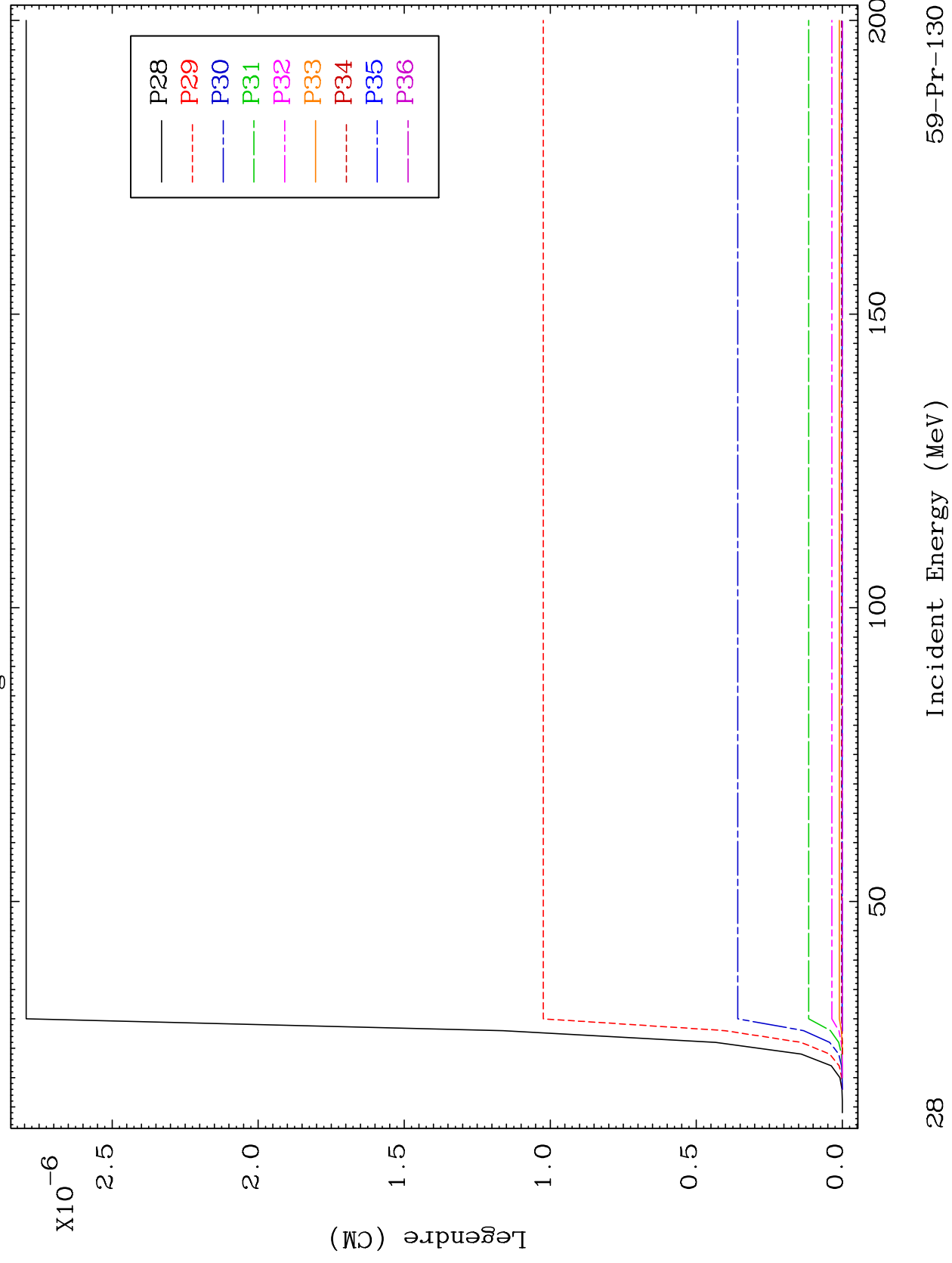
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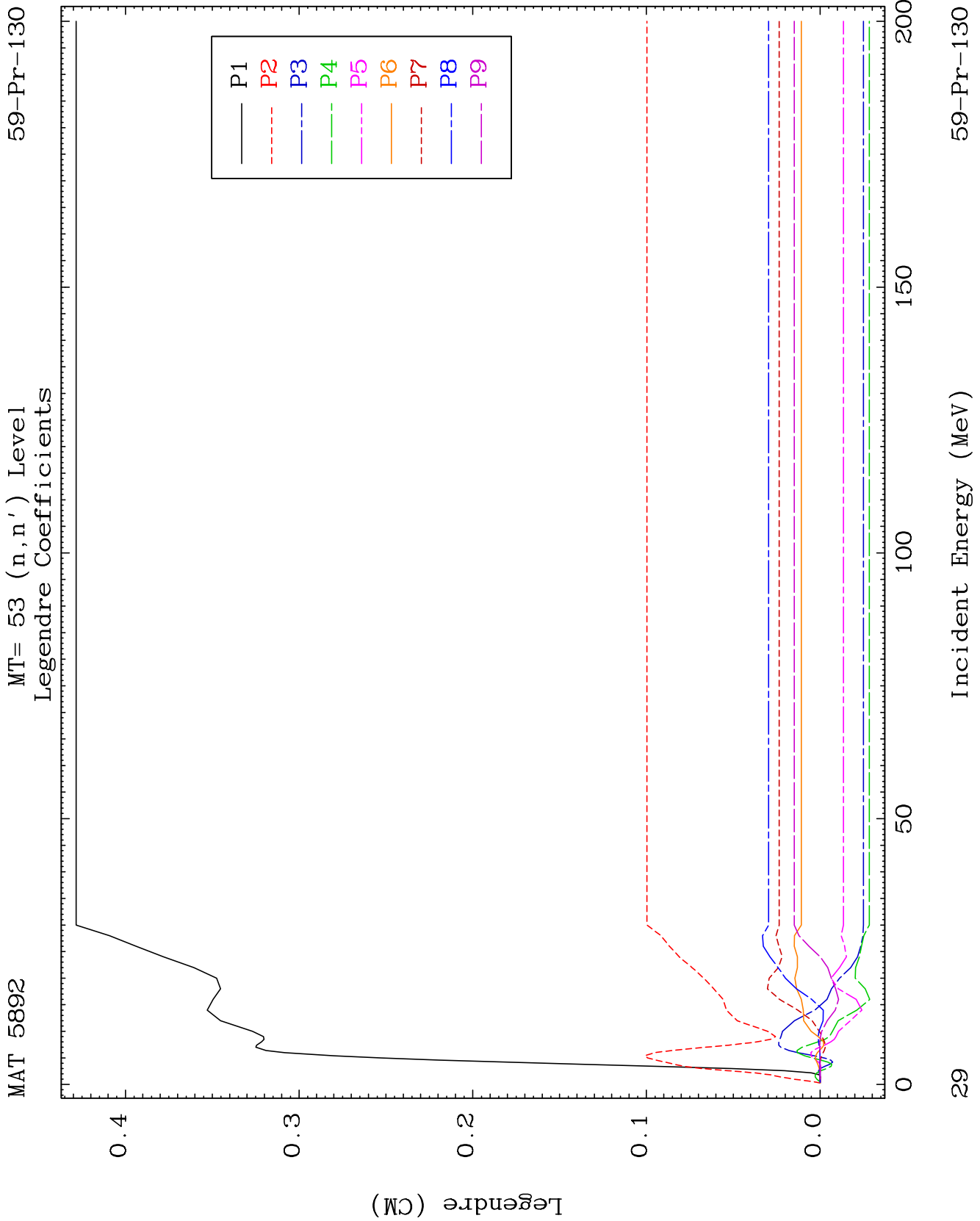


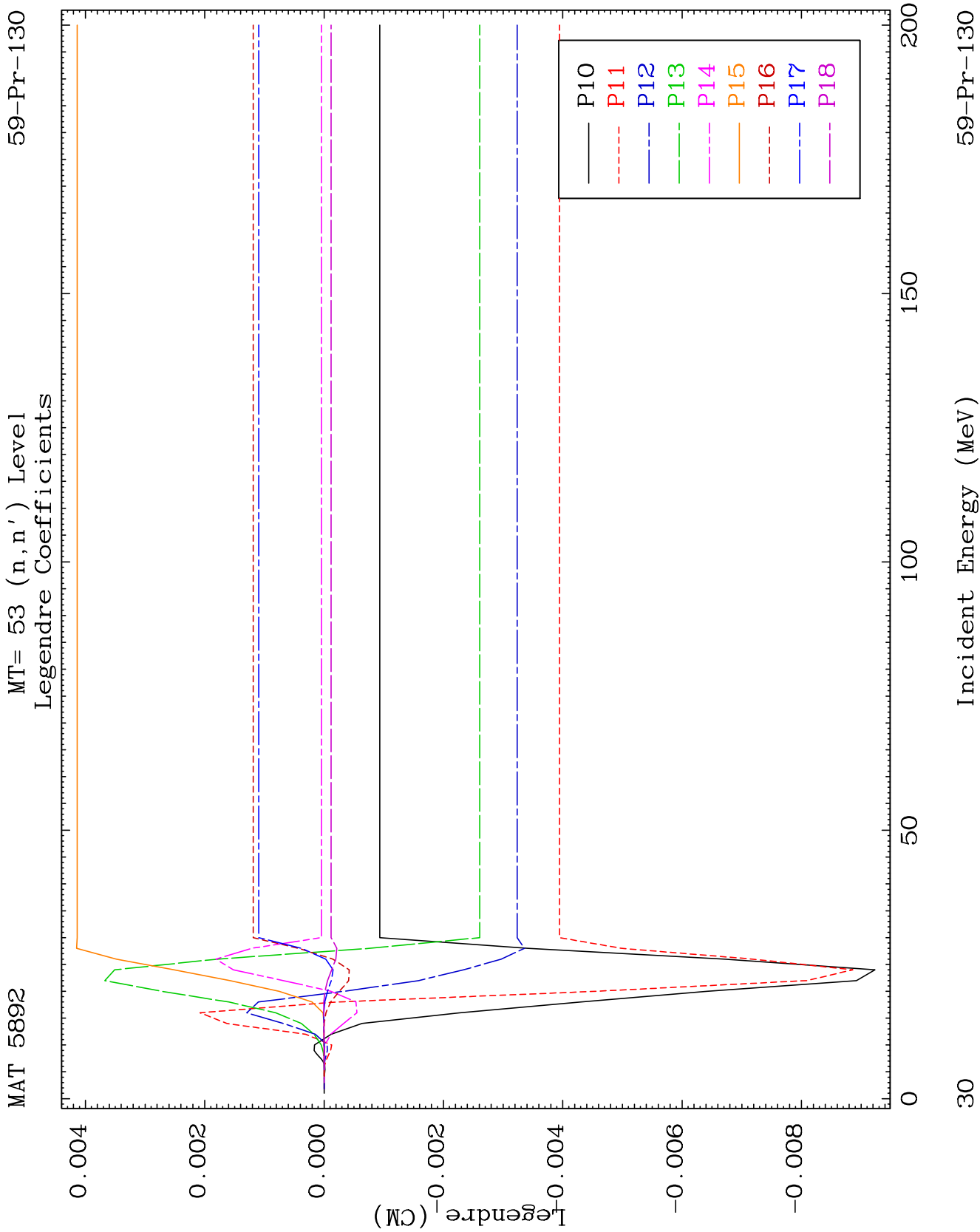
MAT 5892

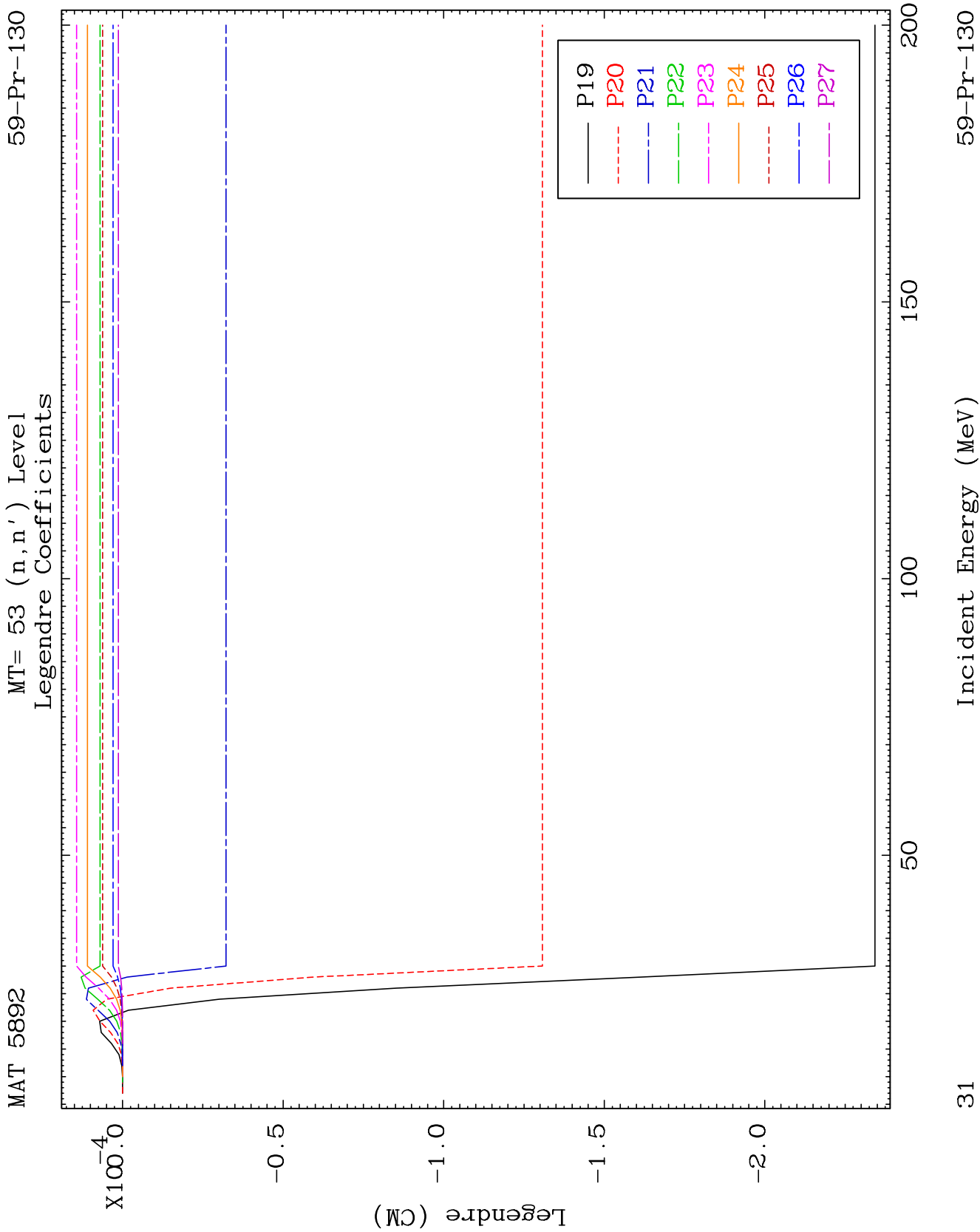
MT= 52 (n, n') Level
Legendre Coefficients

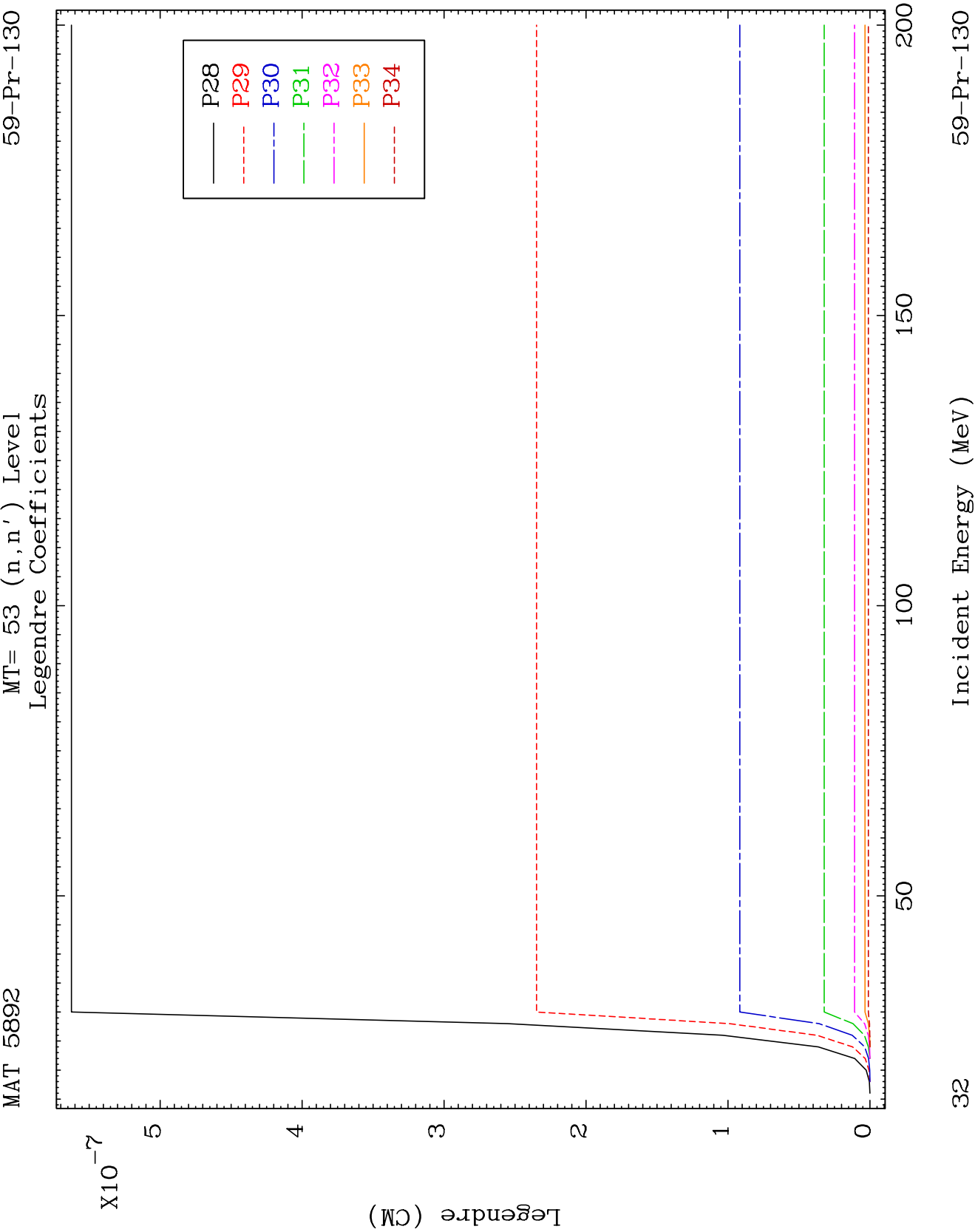
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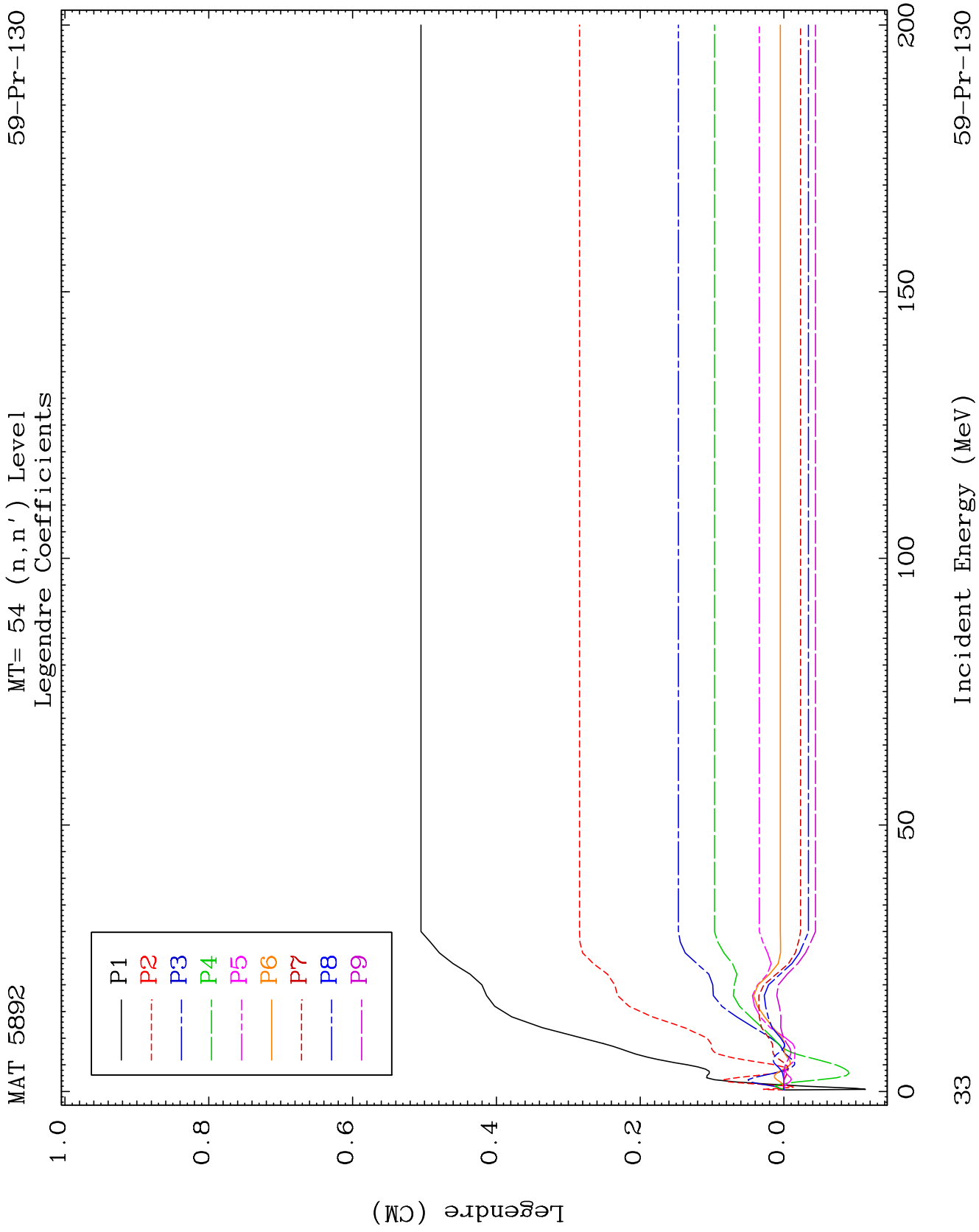


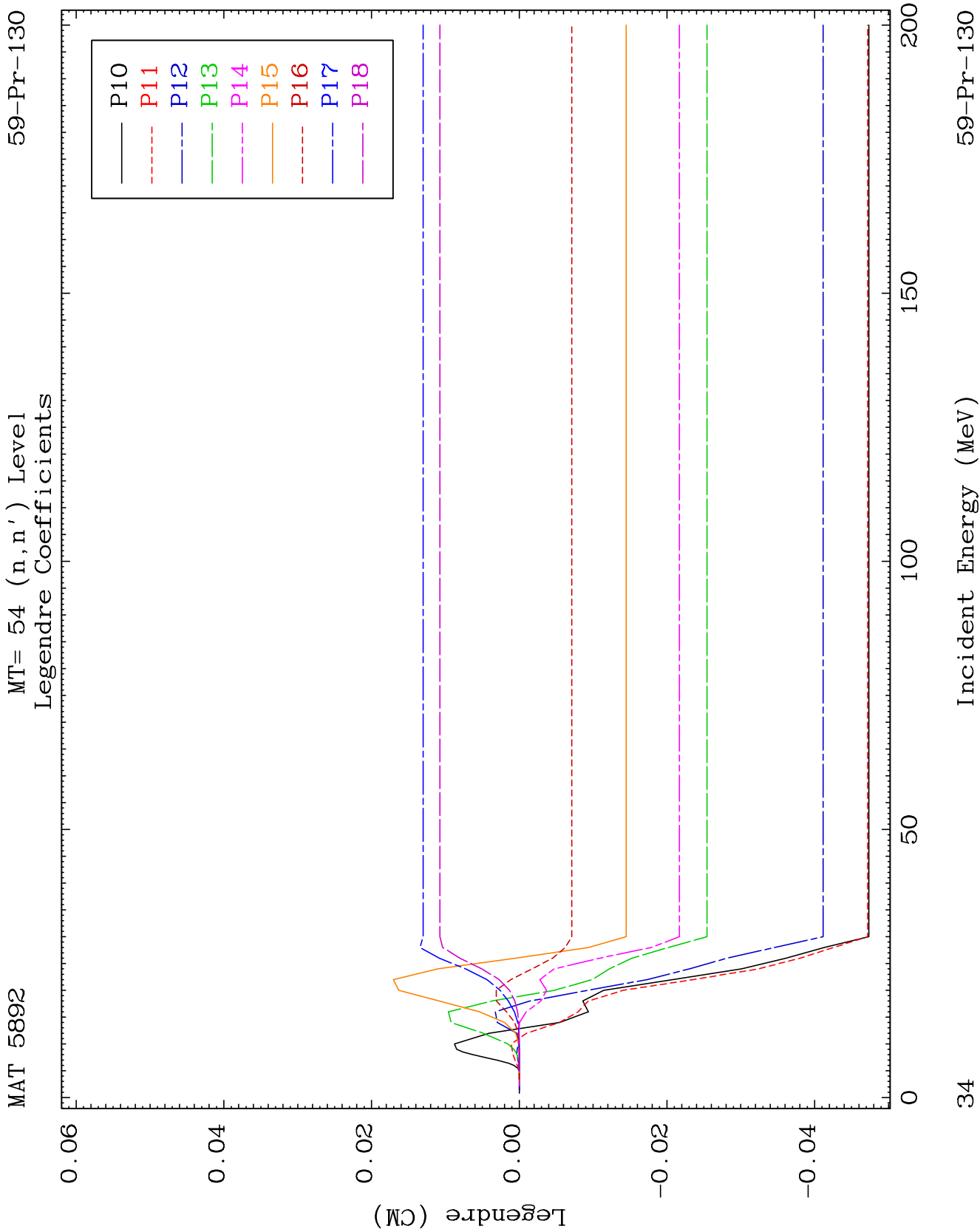








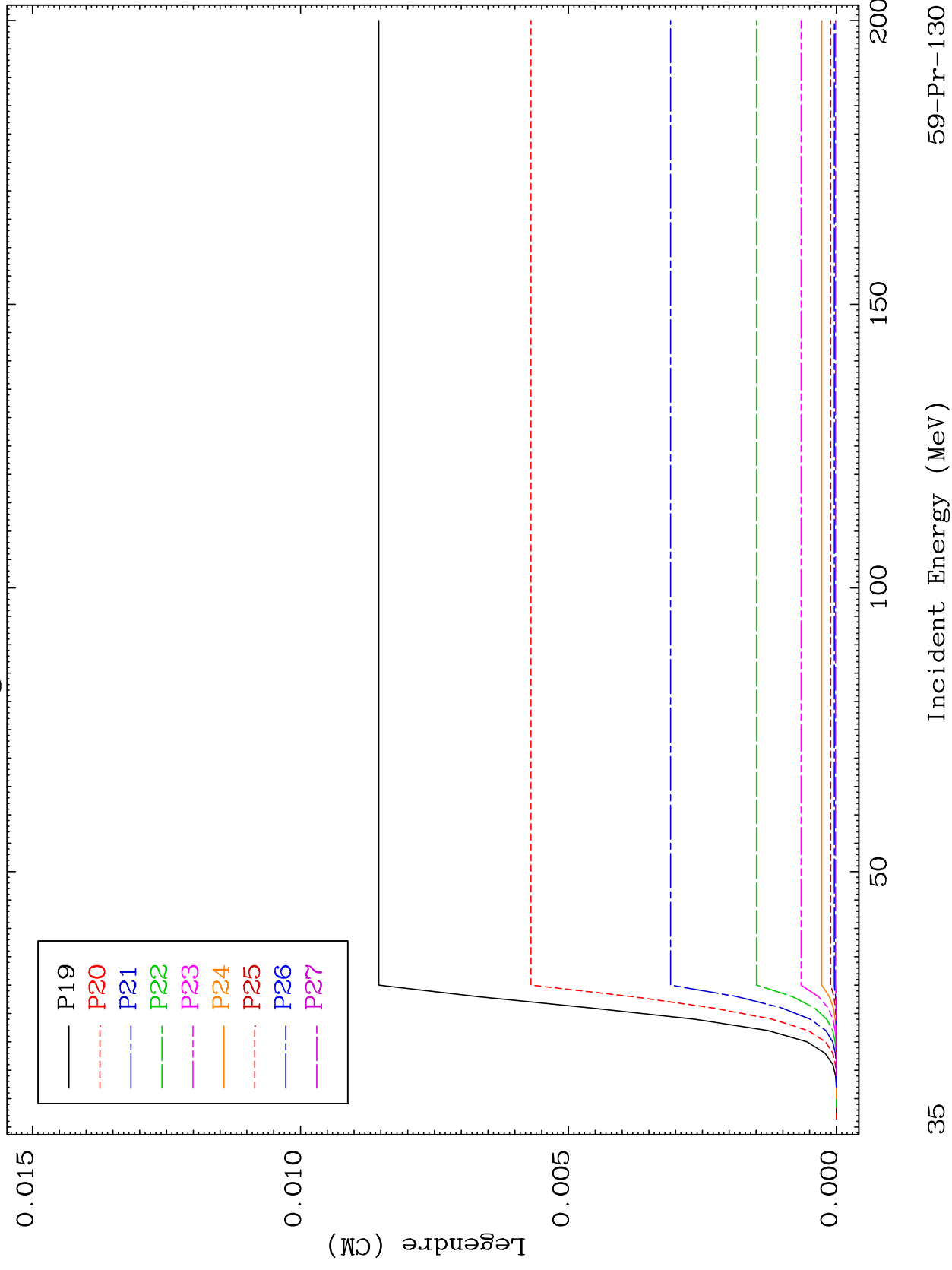


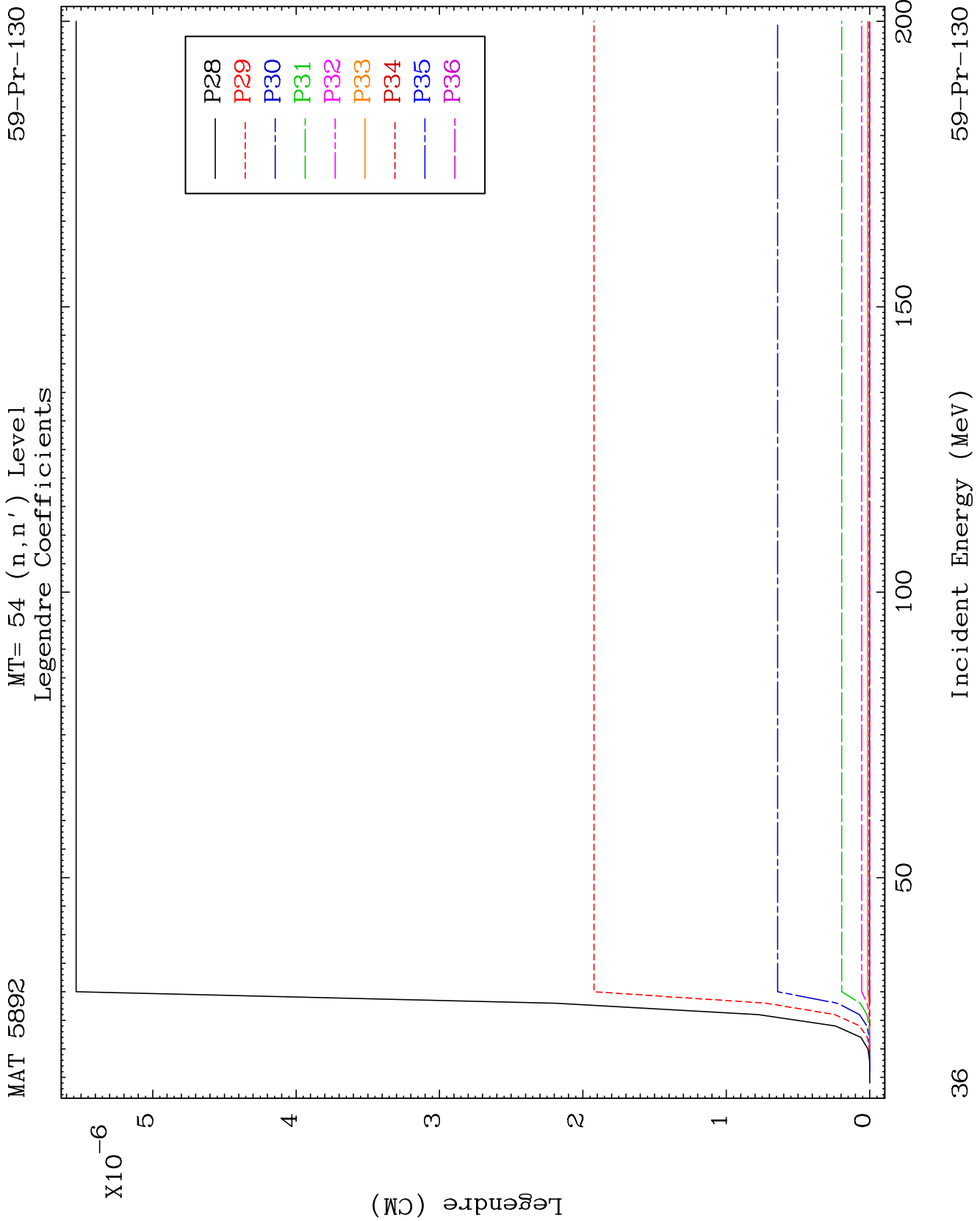


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MT= 54 (n, n') Level
Legendre Coefficients

59-Pr-130

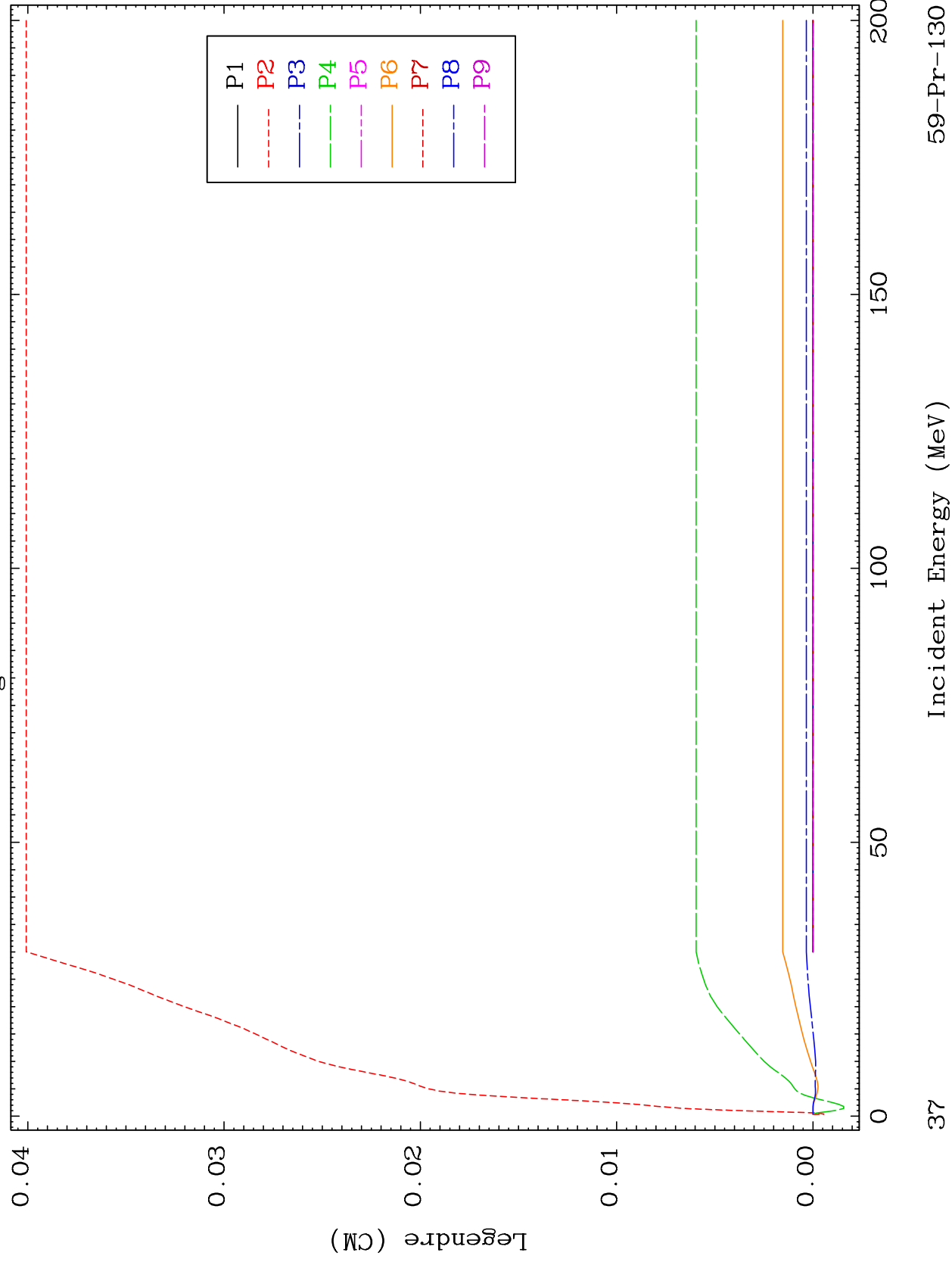




MAT 5892

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

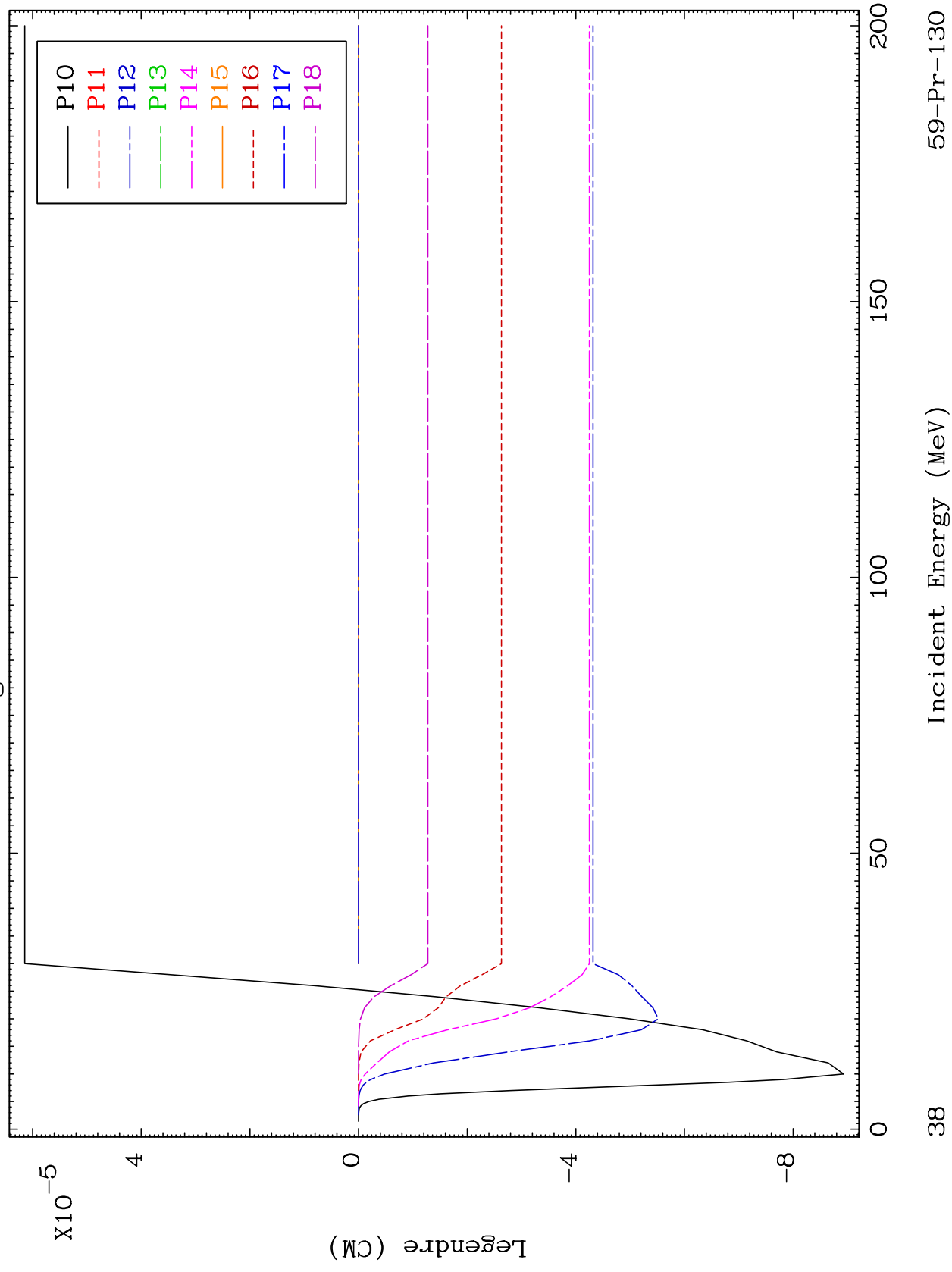
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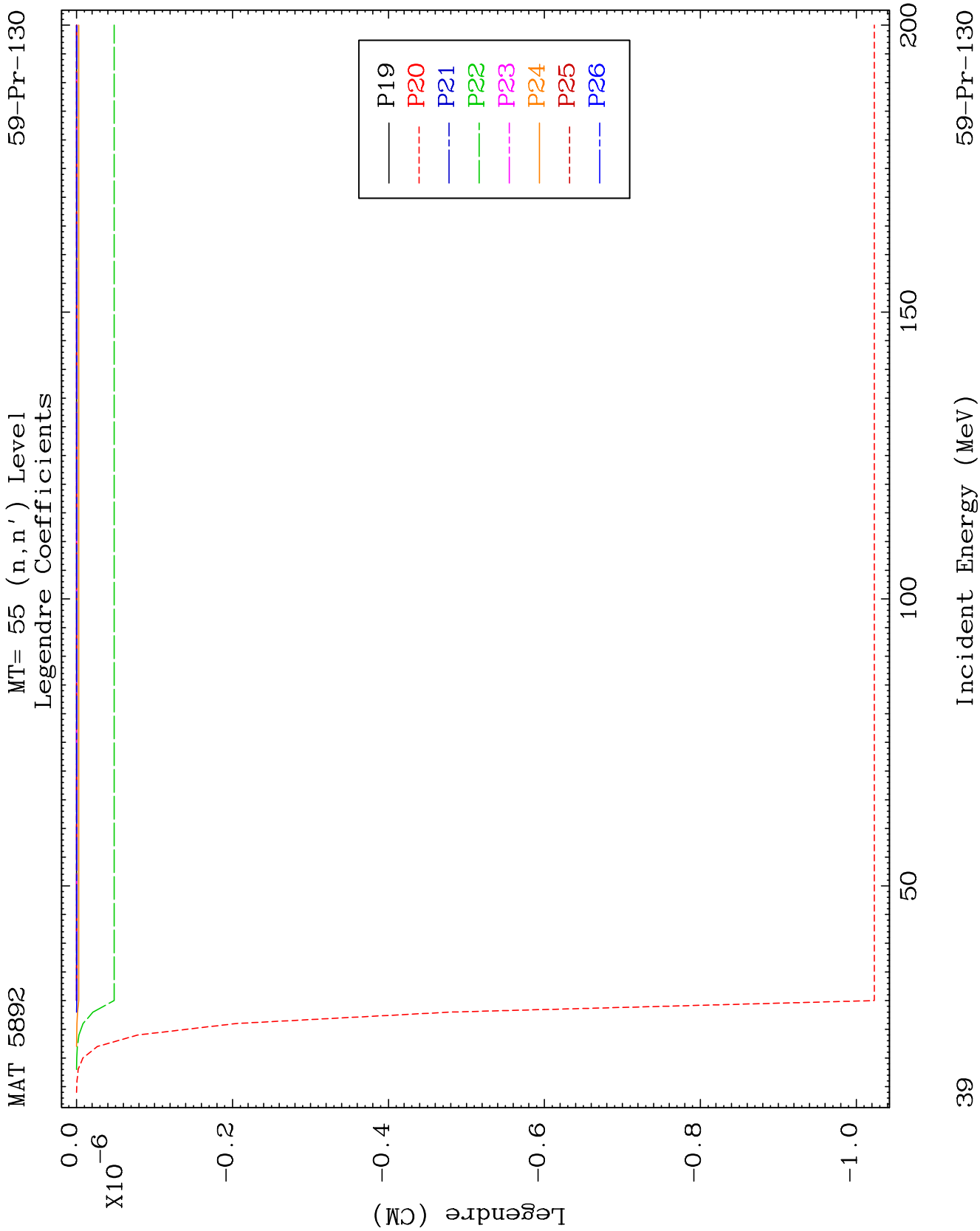


MAT 5892

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

59-Pr-130

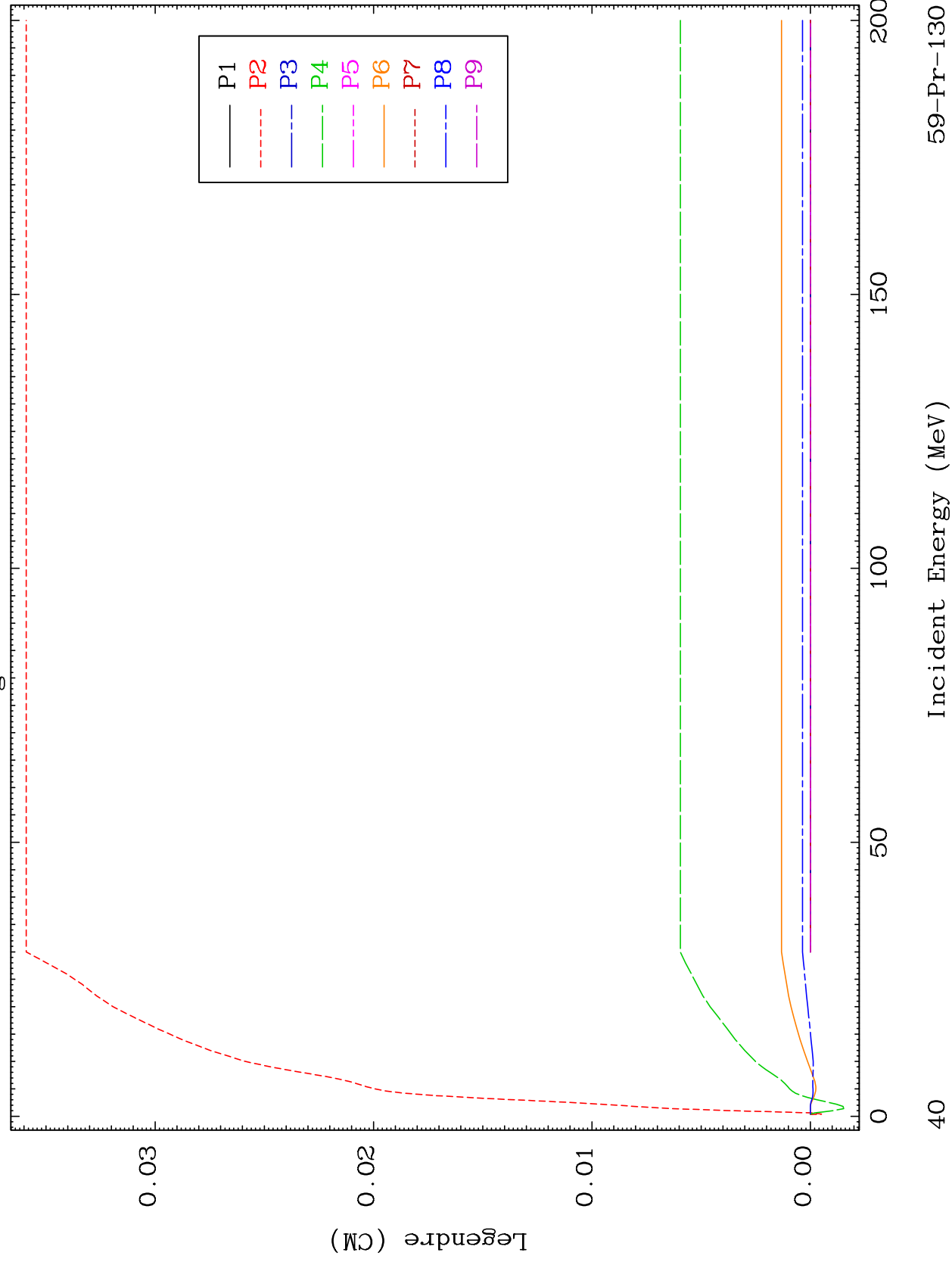




MAT 5892

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

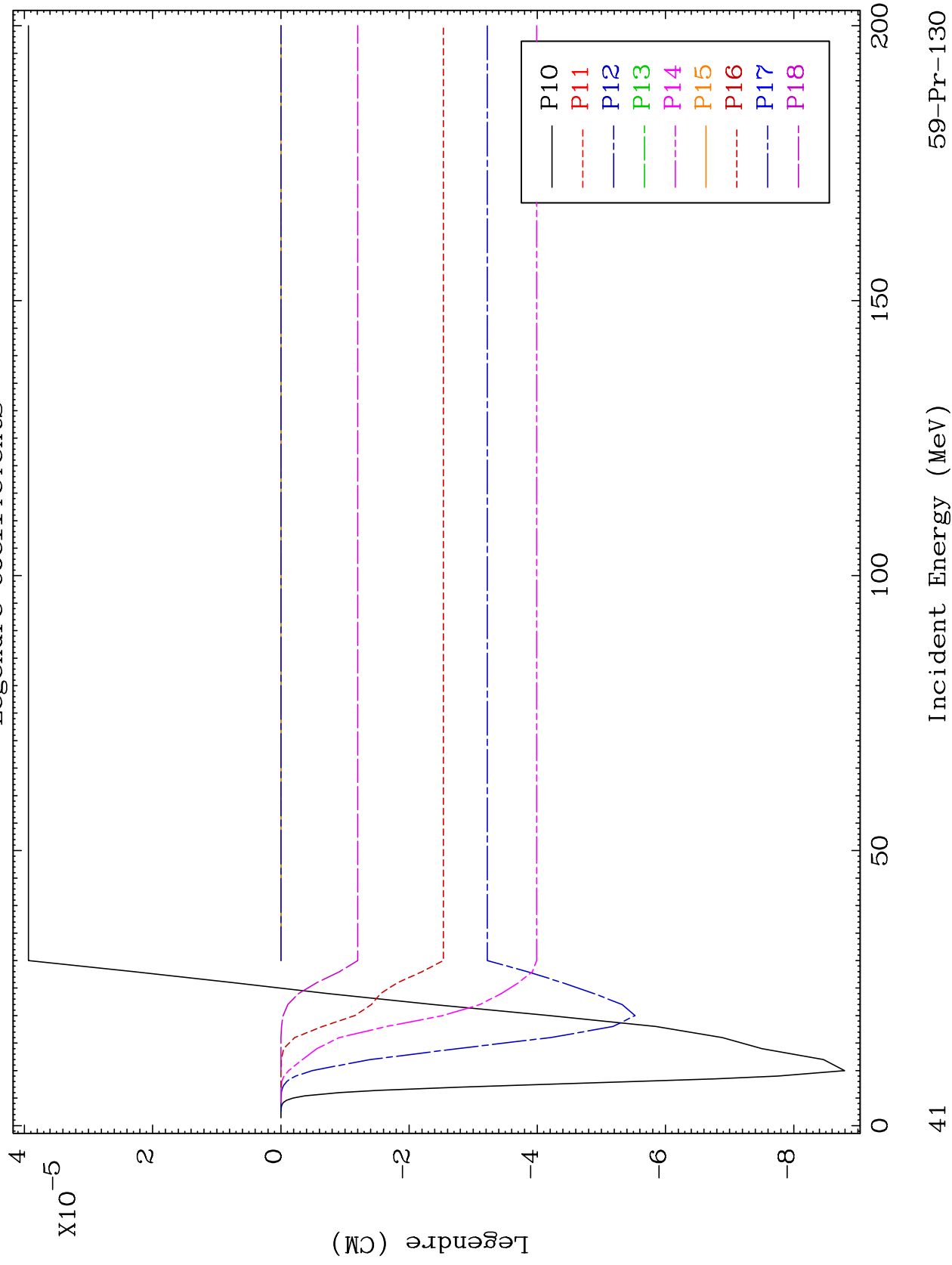
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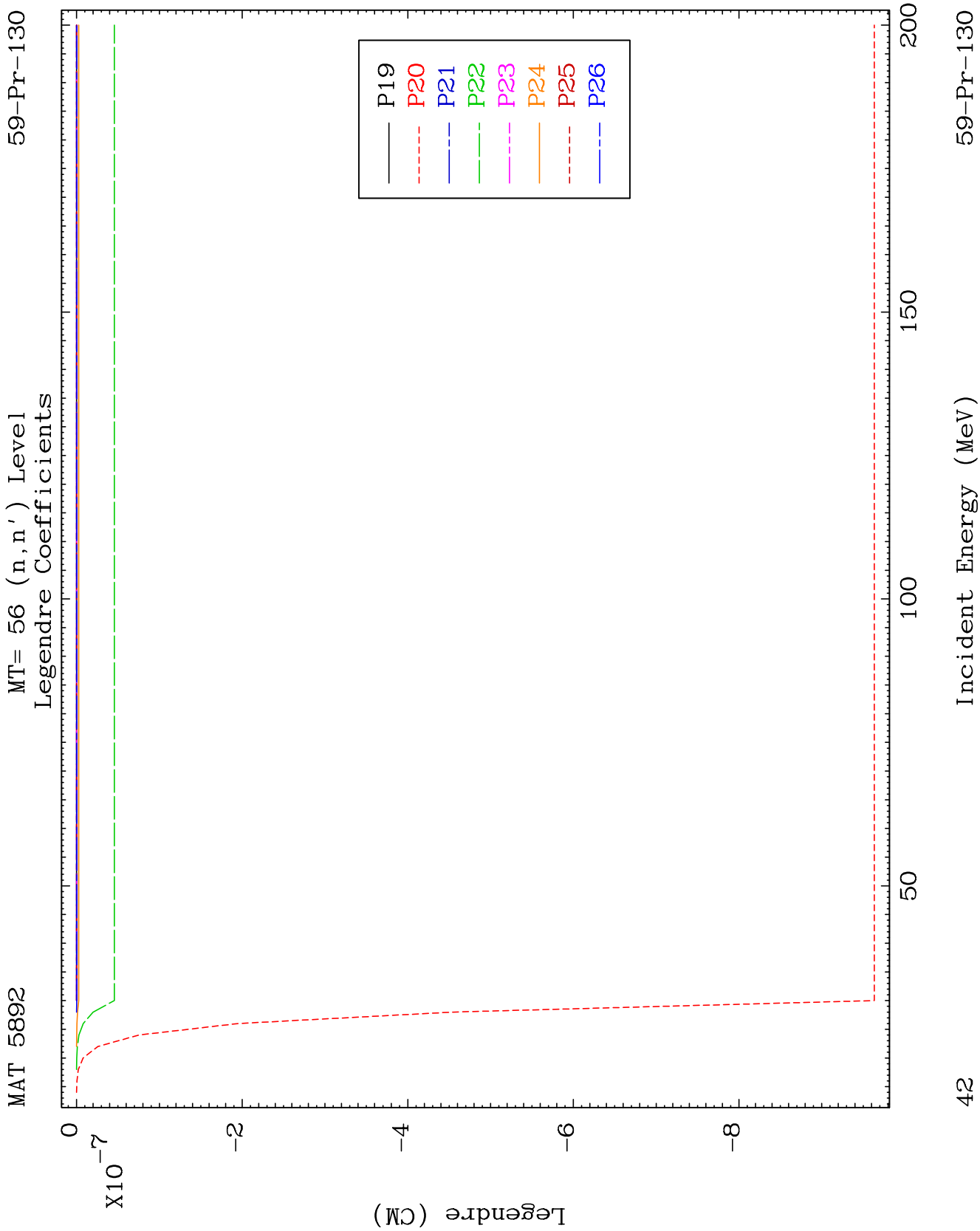


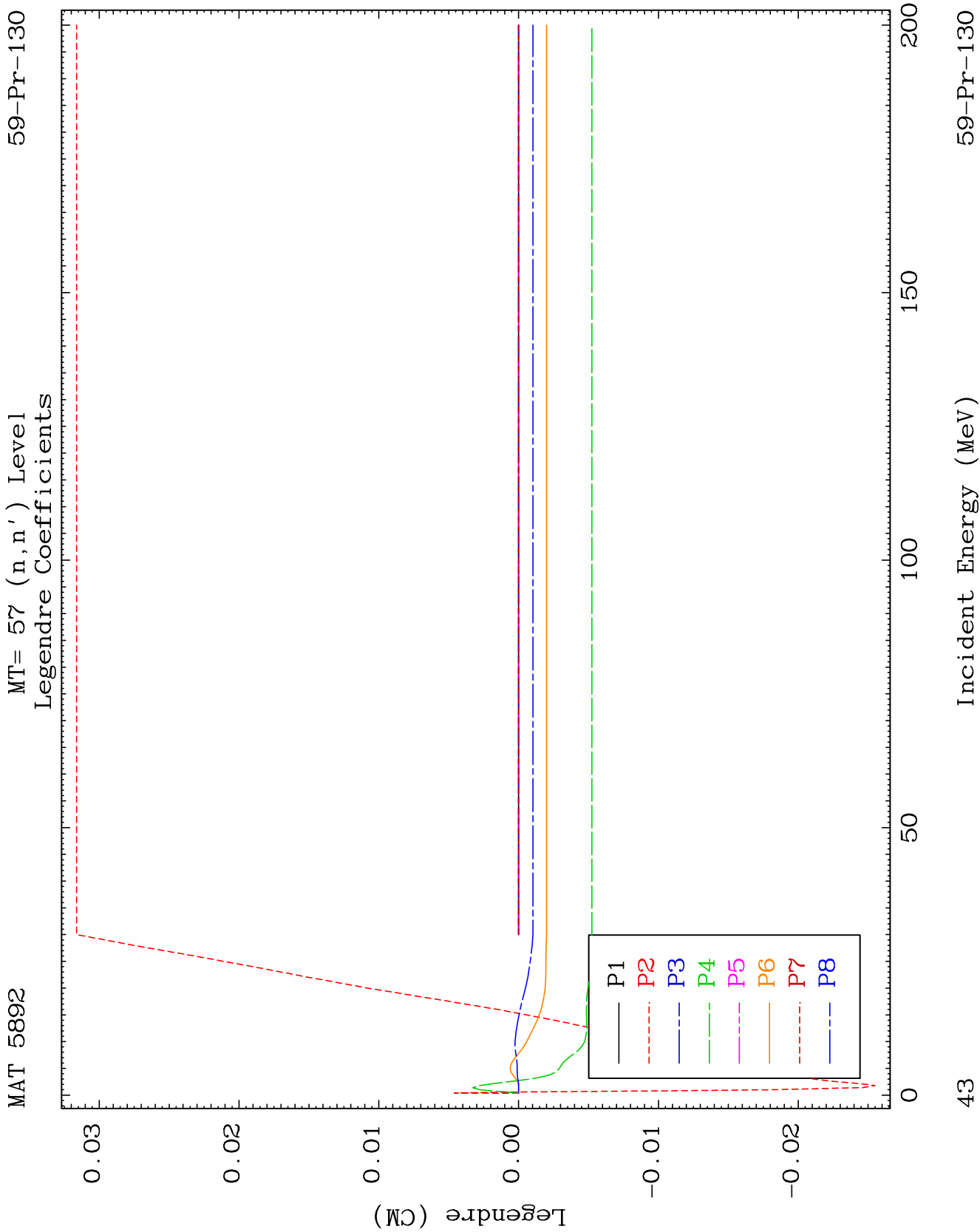
MAT 5892

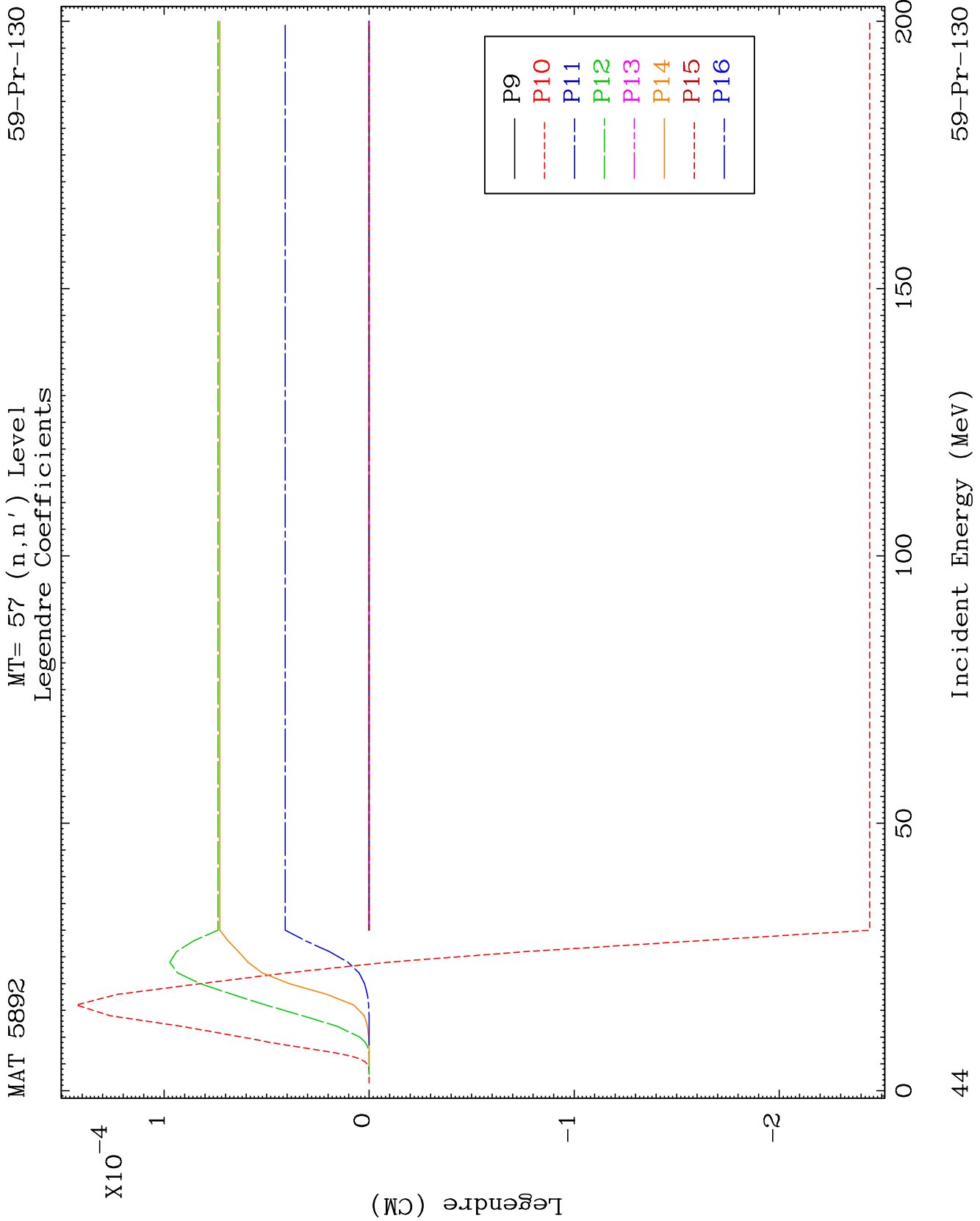
MT= 56 (n,n') Level
Legendre Coefficients

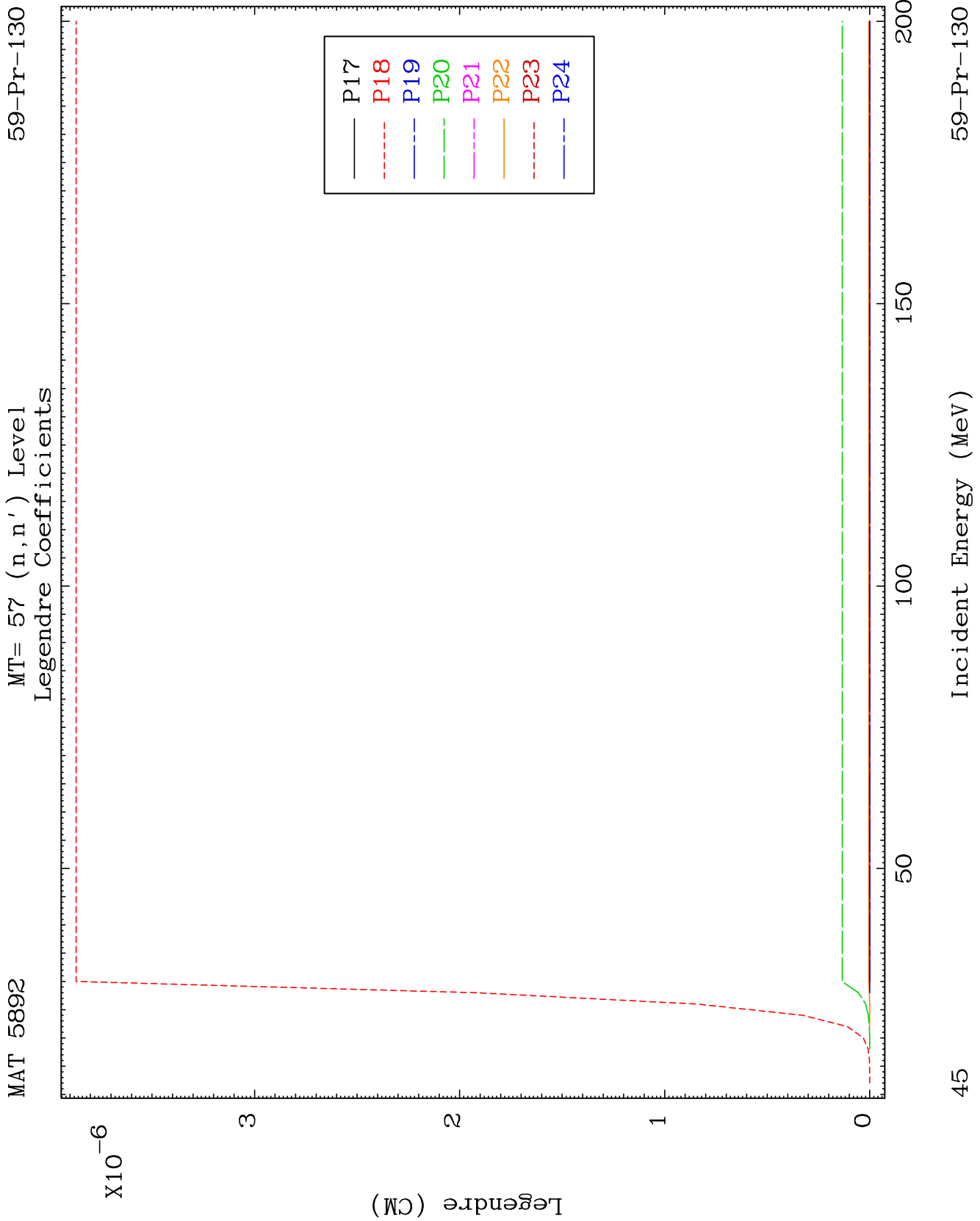
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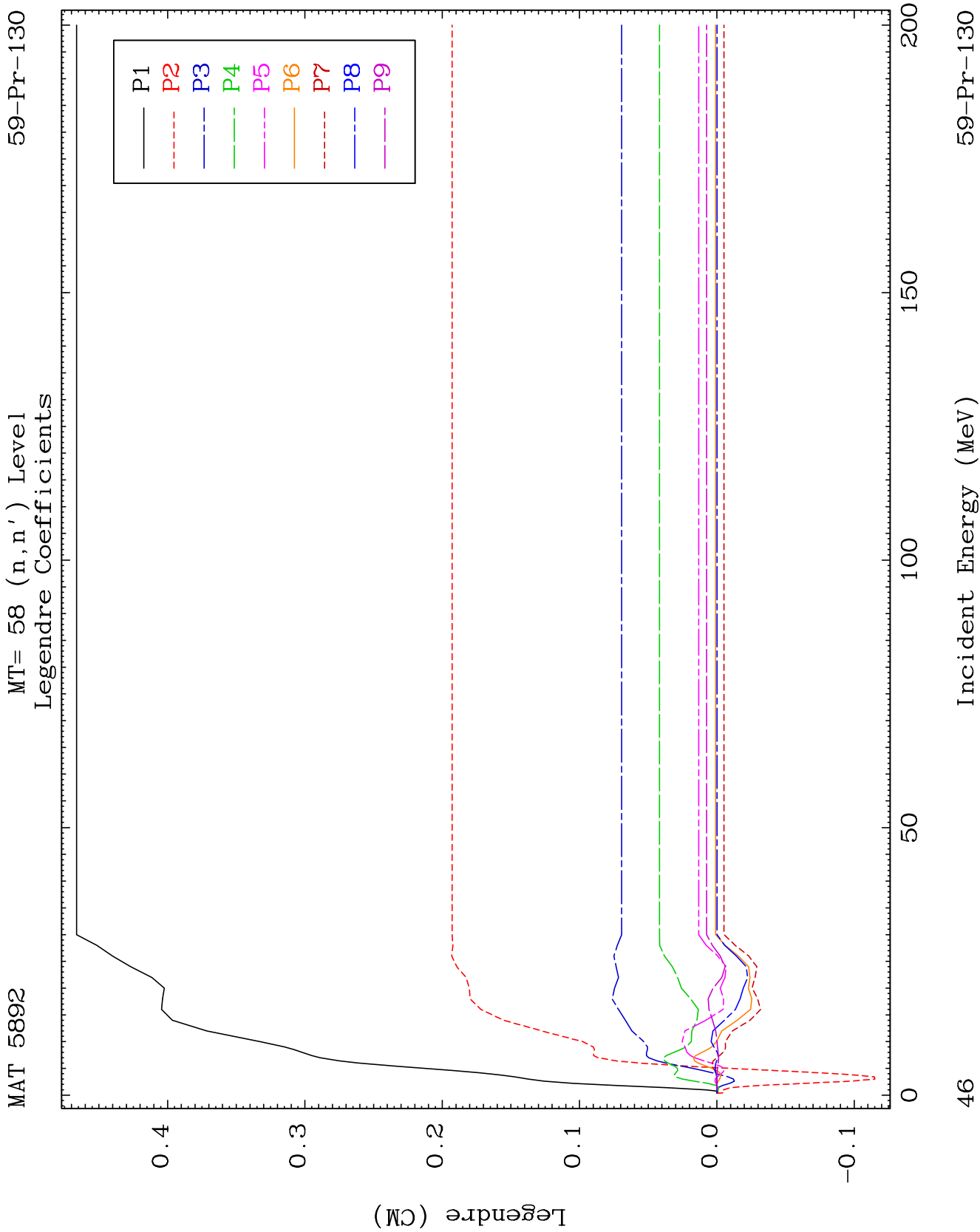








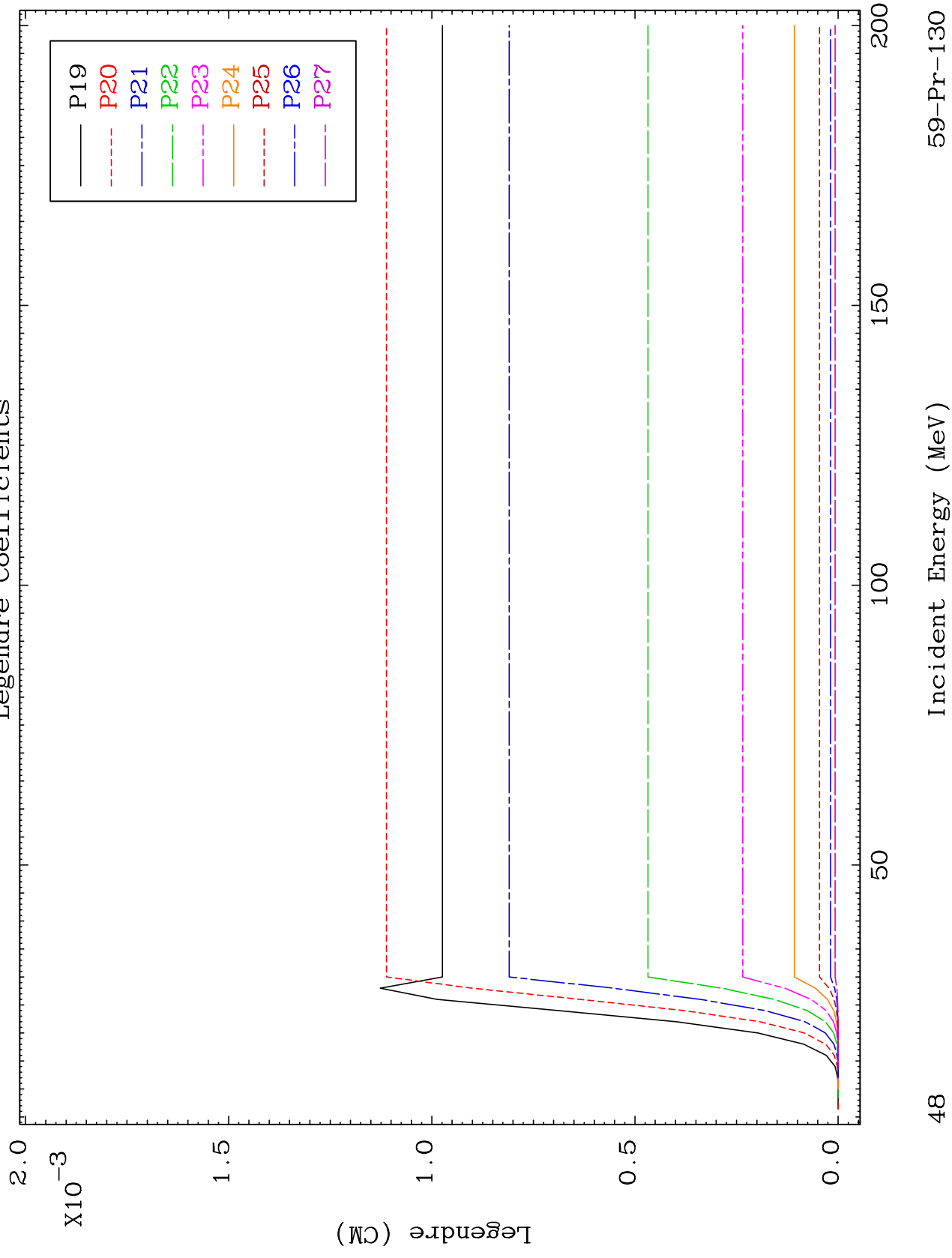


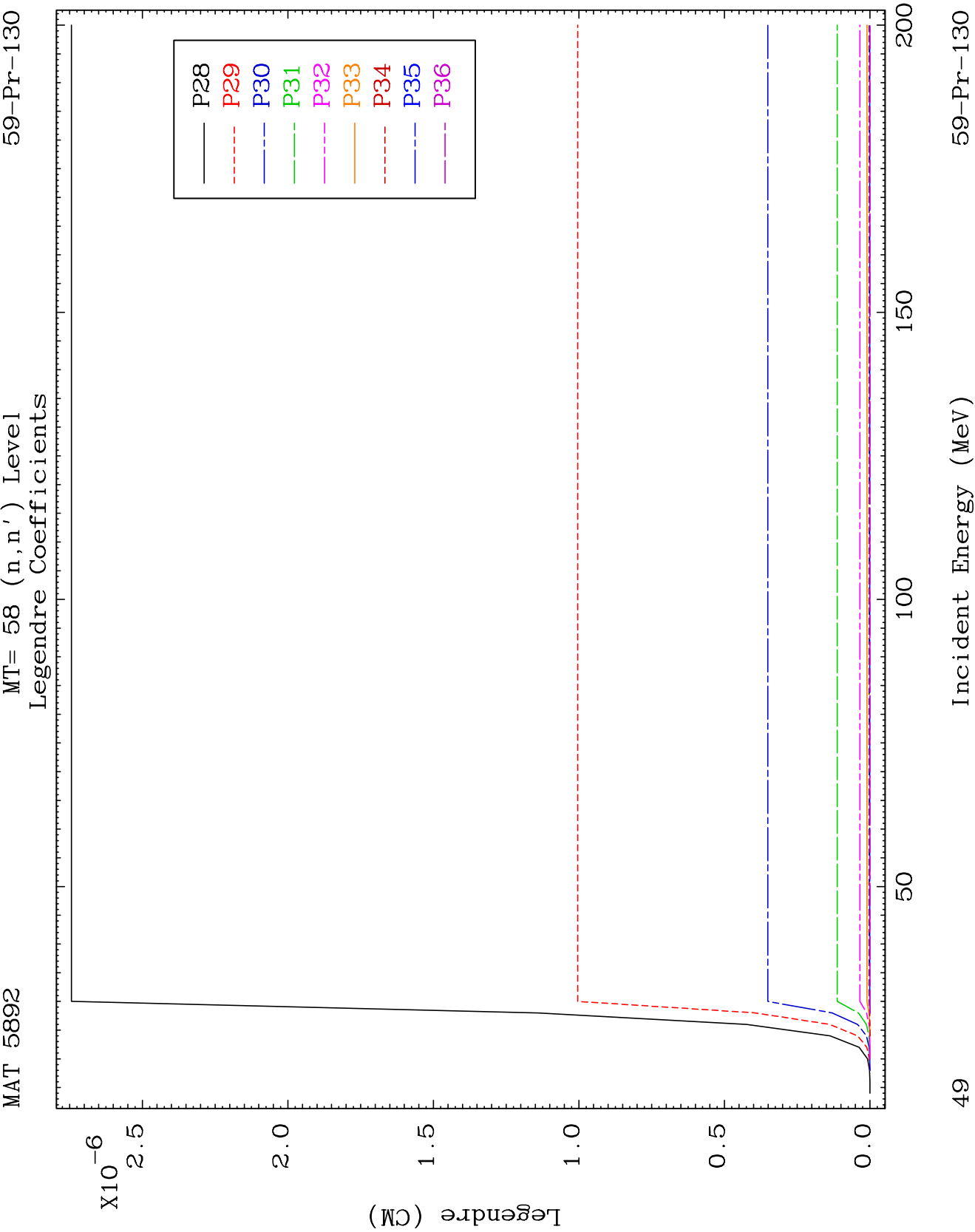


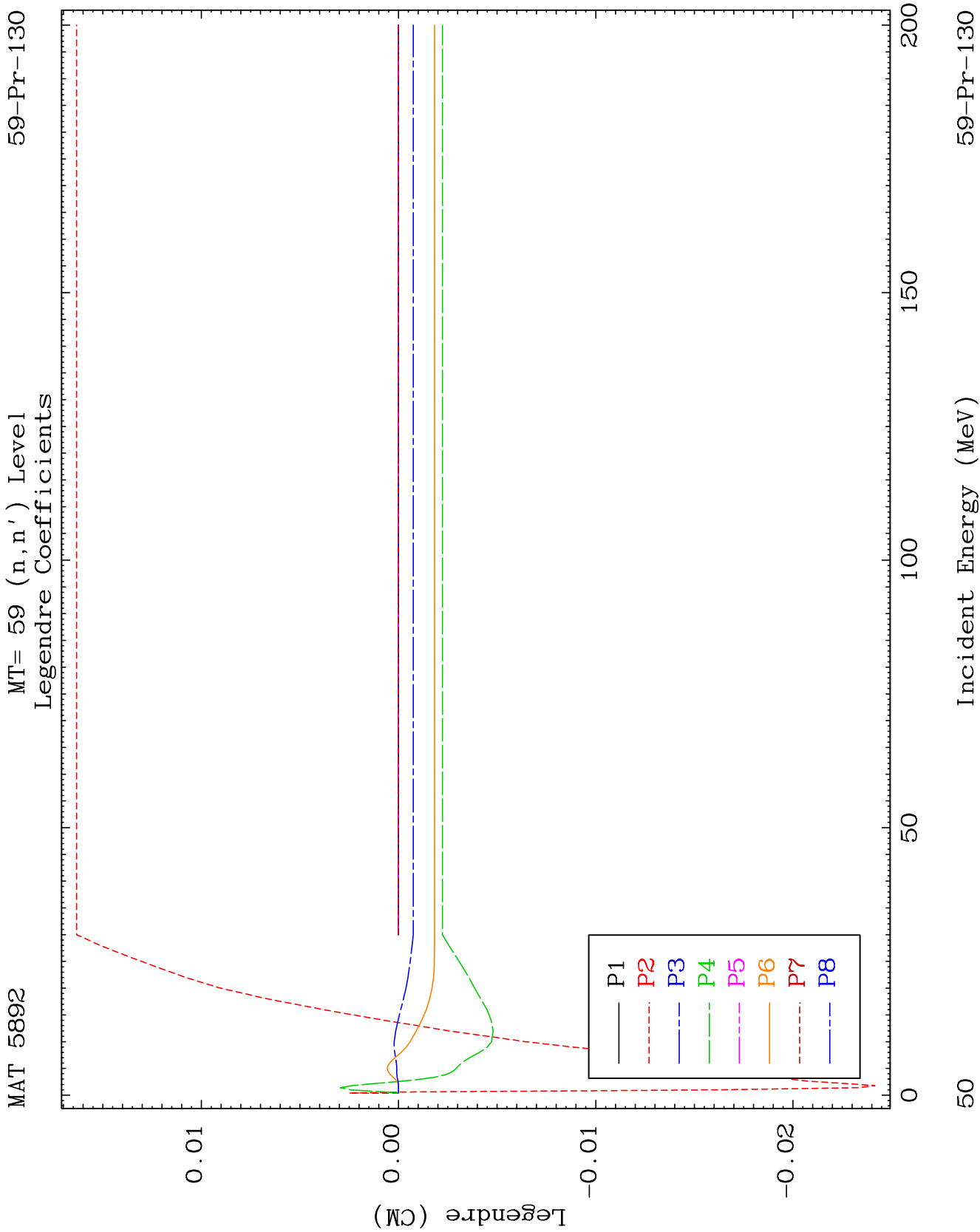
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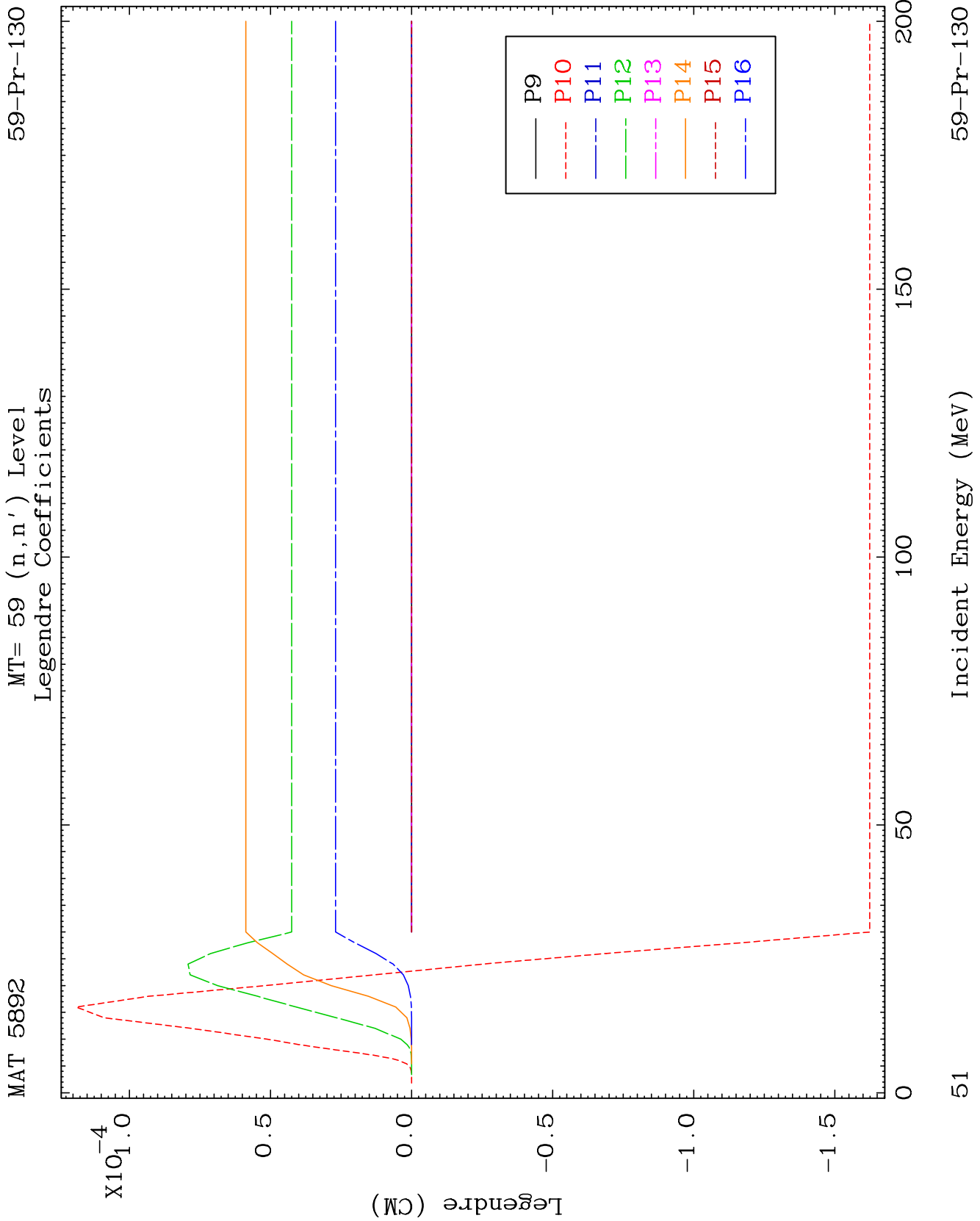
MT= 58 (n, n') Level
Legendre Coefficients

59-Pr-130





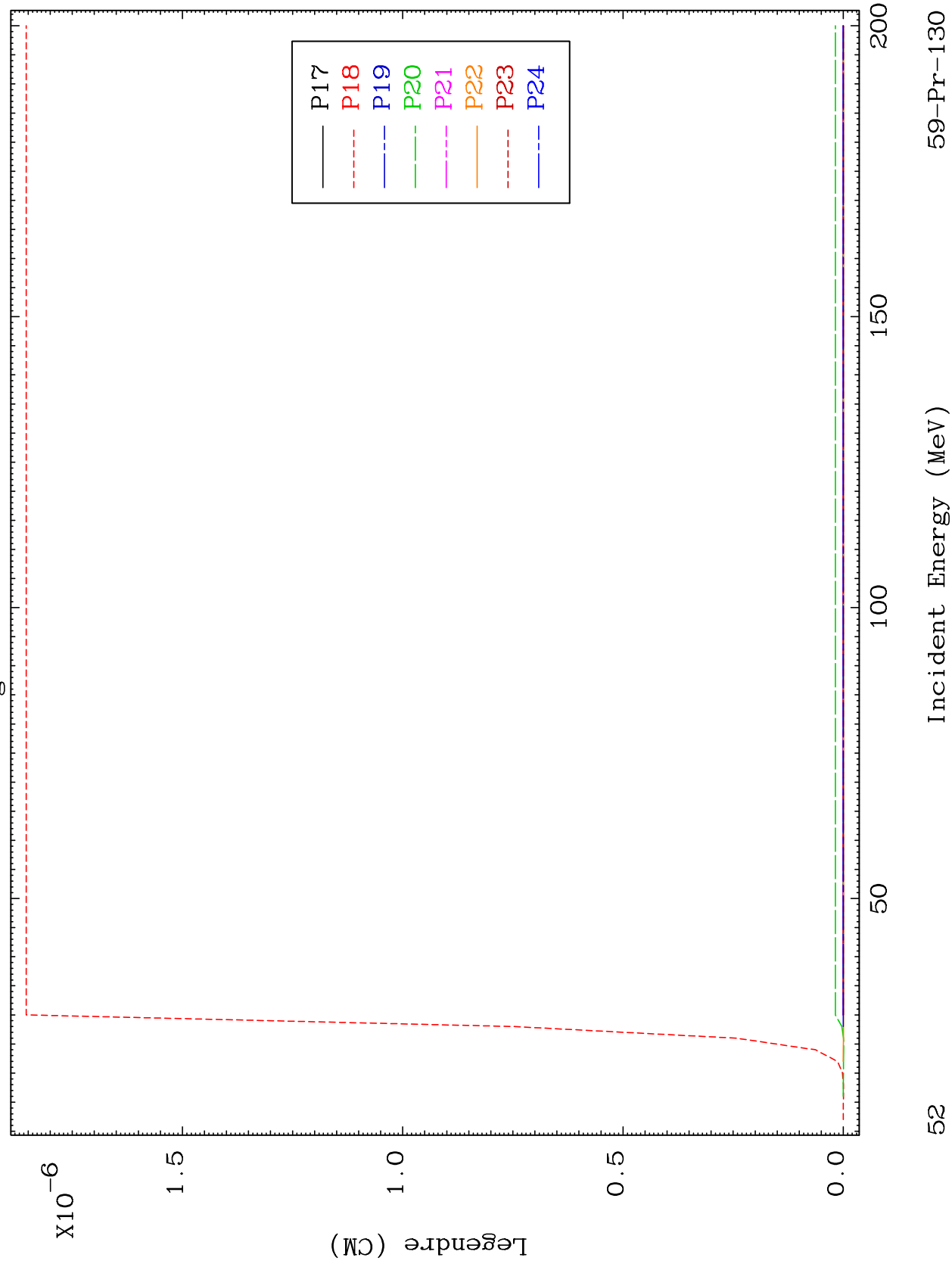




MAT 5892

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

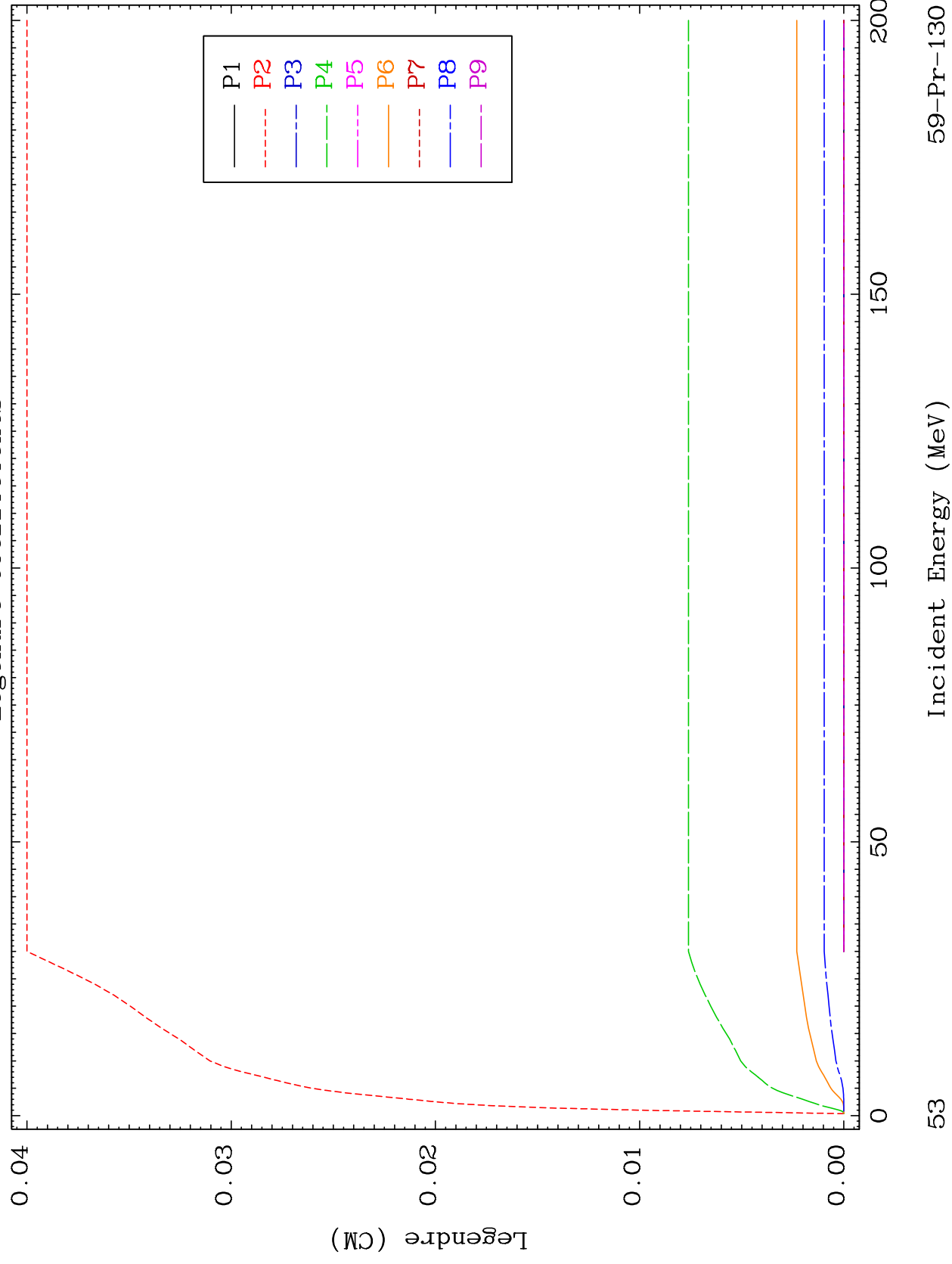
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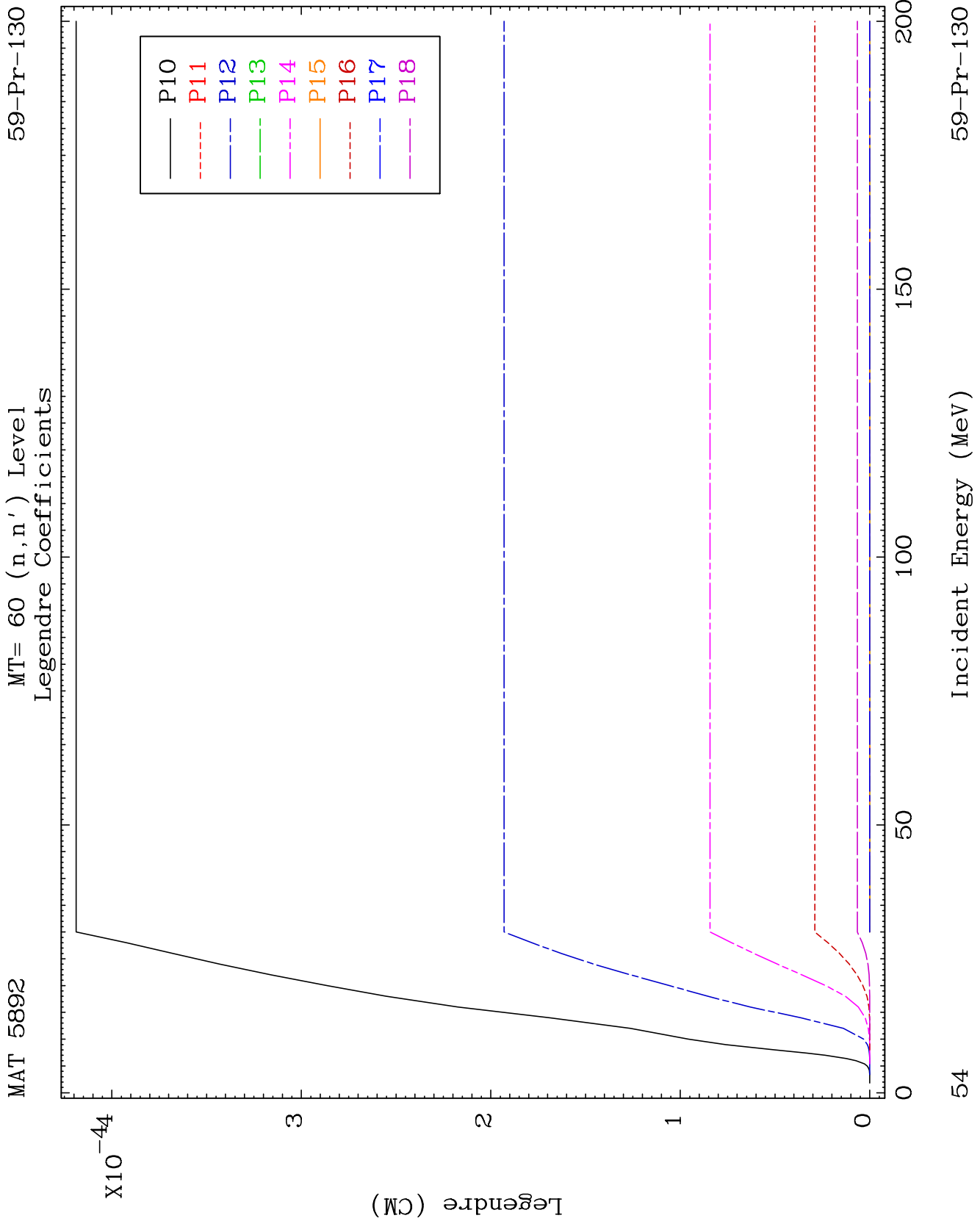


MAT 5892

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

59-Pr-130

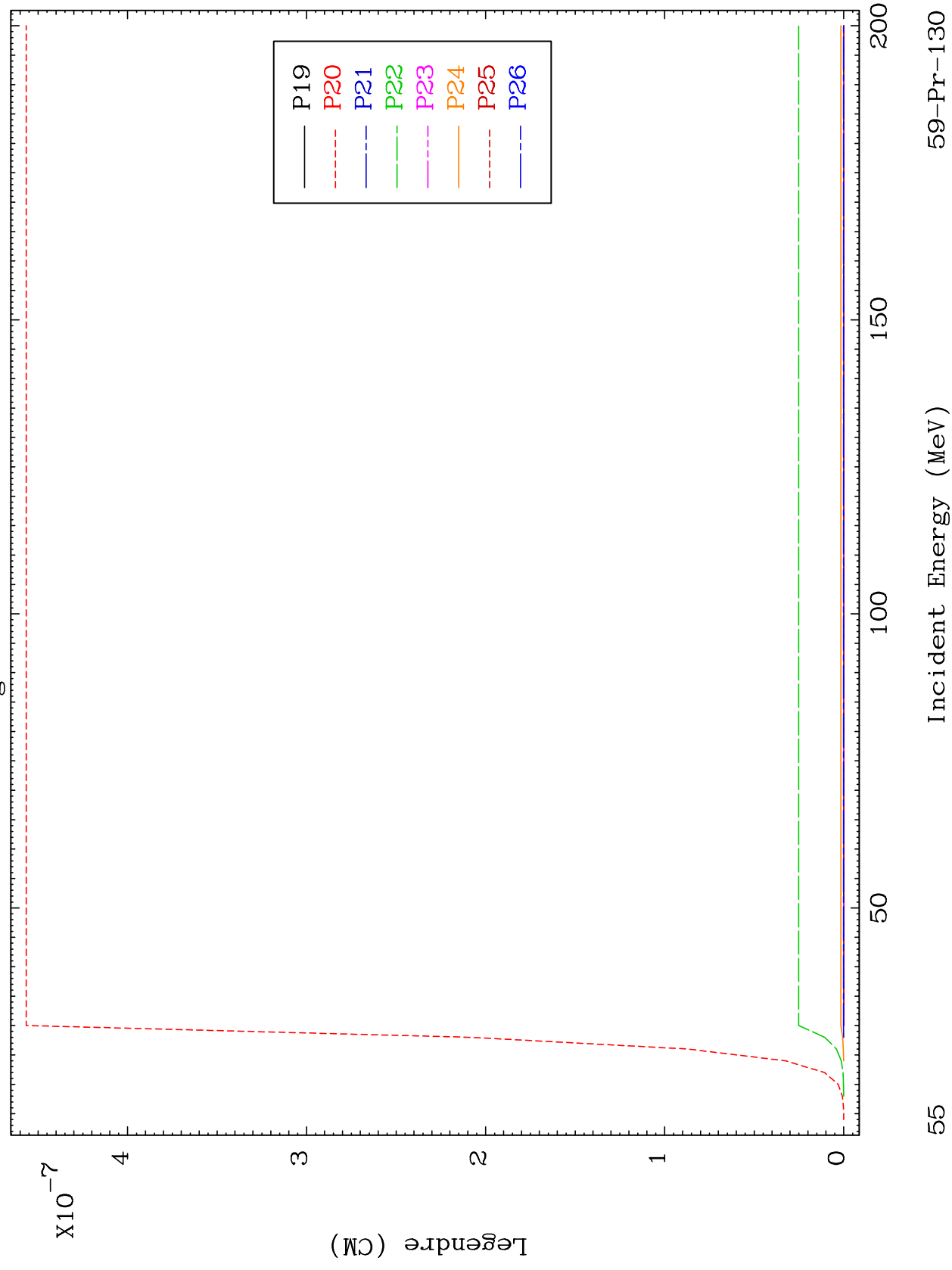




MAT 5892

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

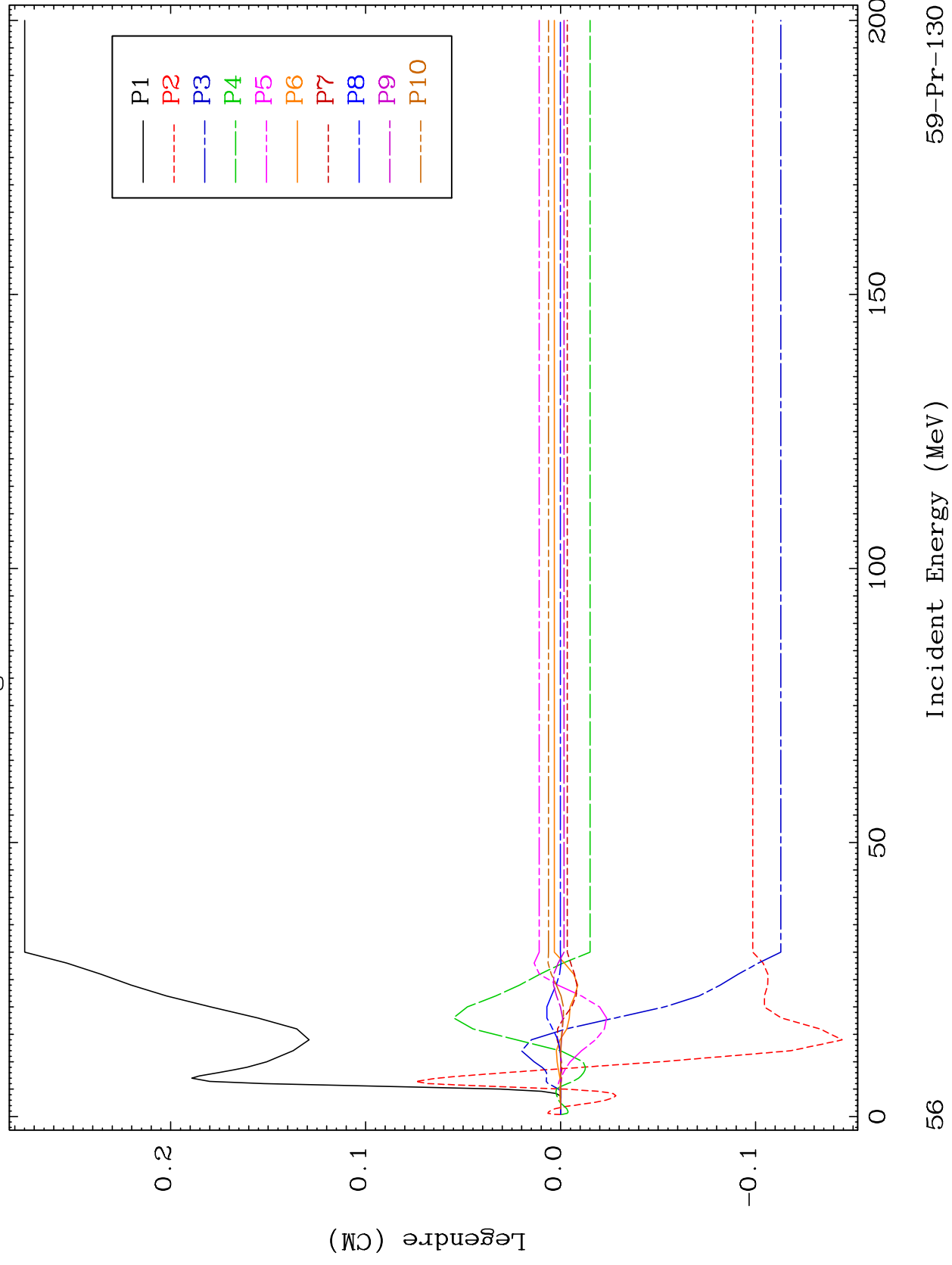
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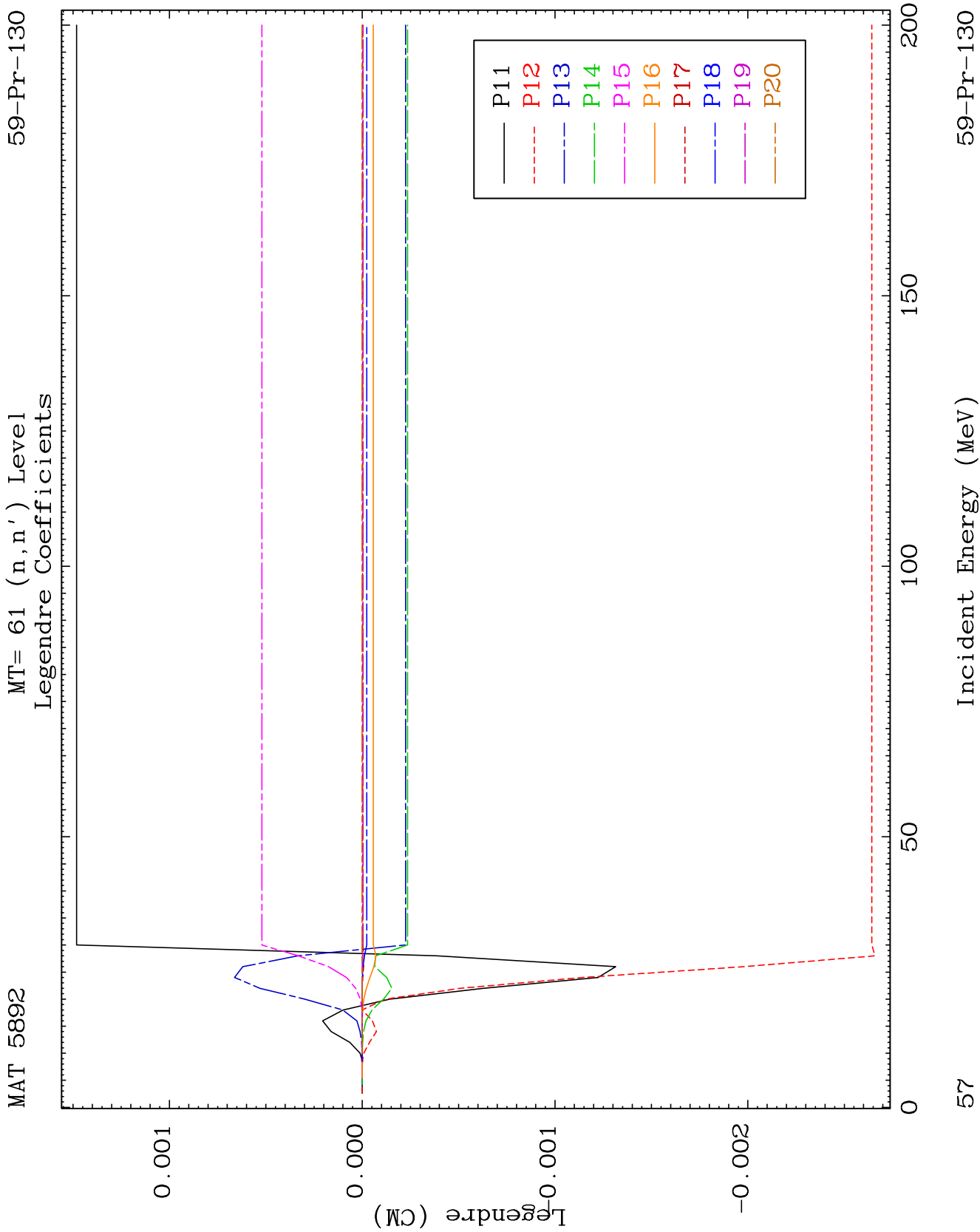


MAT 5892

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

59-Pr-130

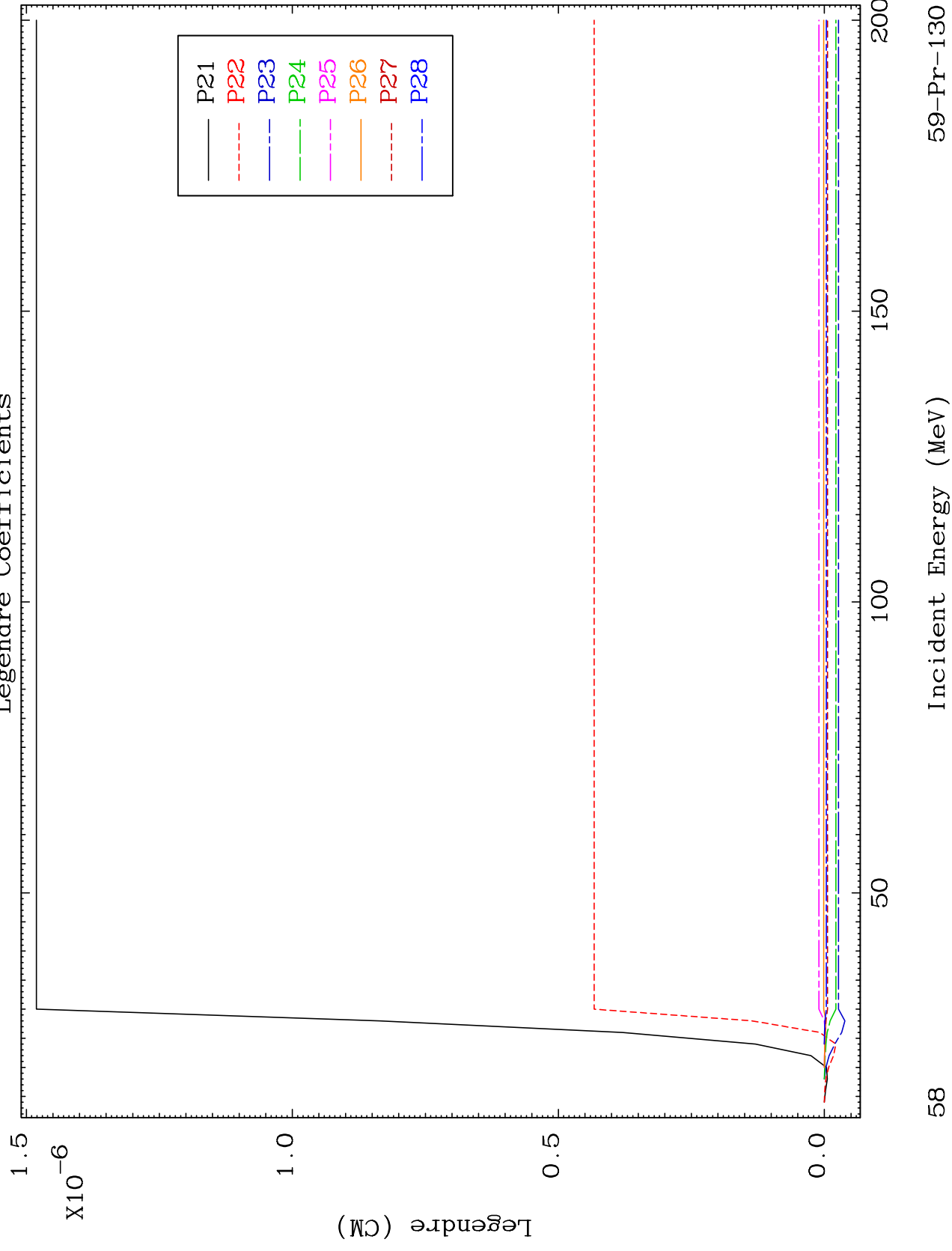




MAT 5892

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

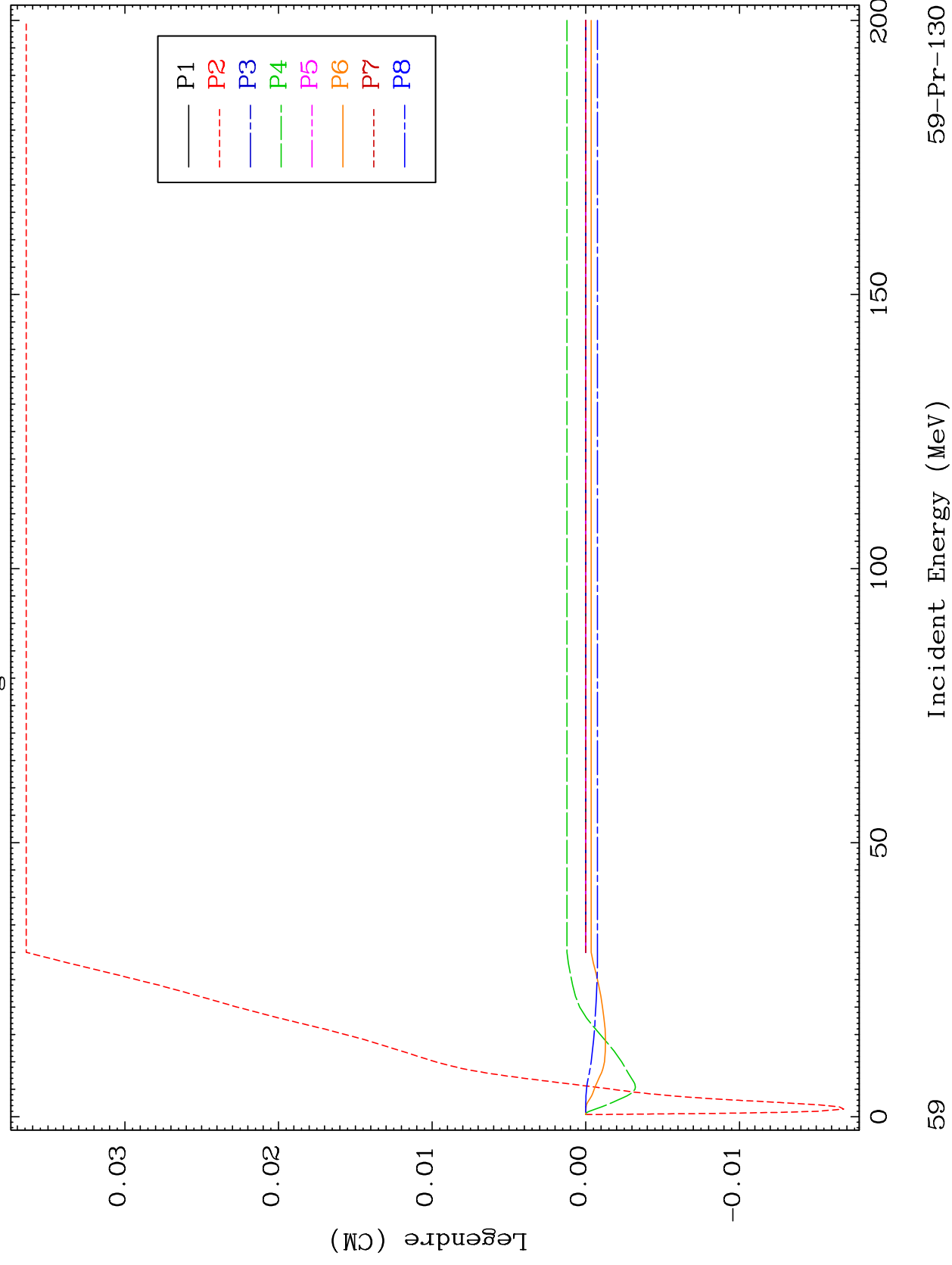
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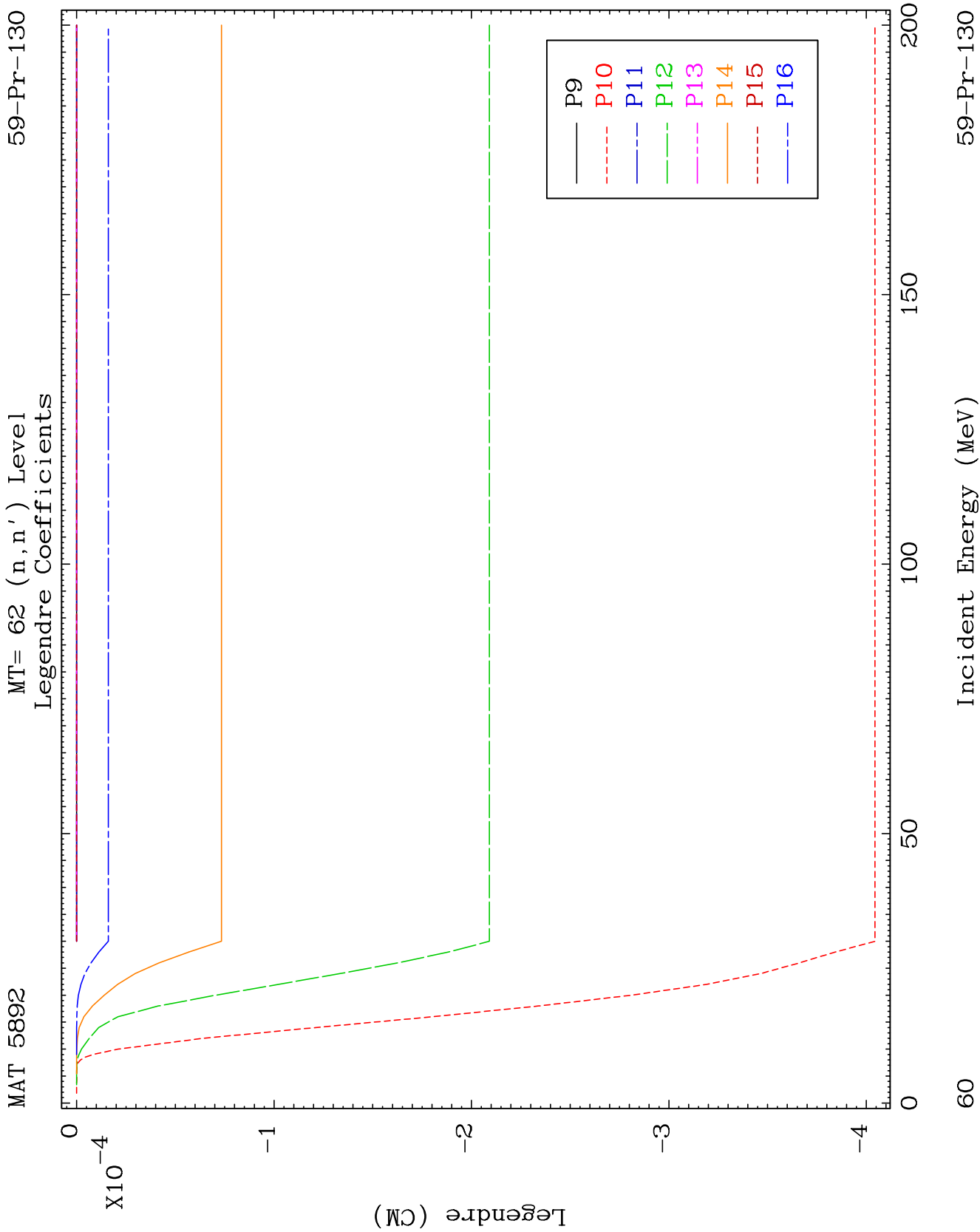


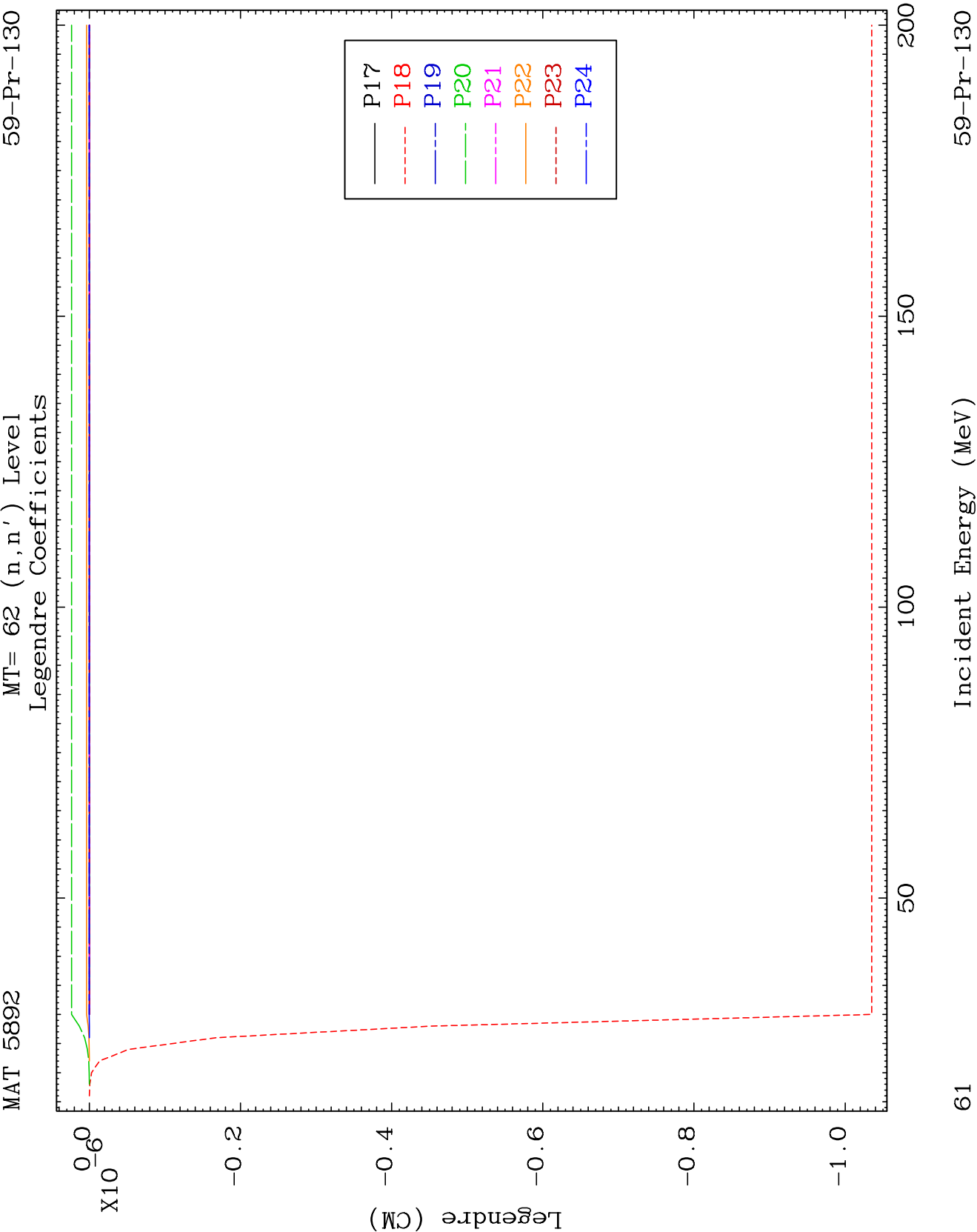
MAT 5892

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

59-Pr-130



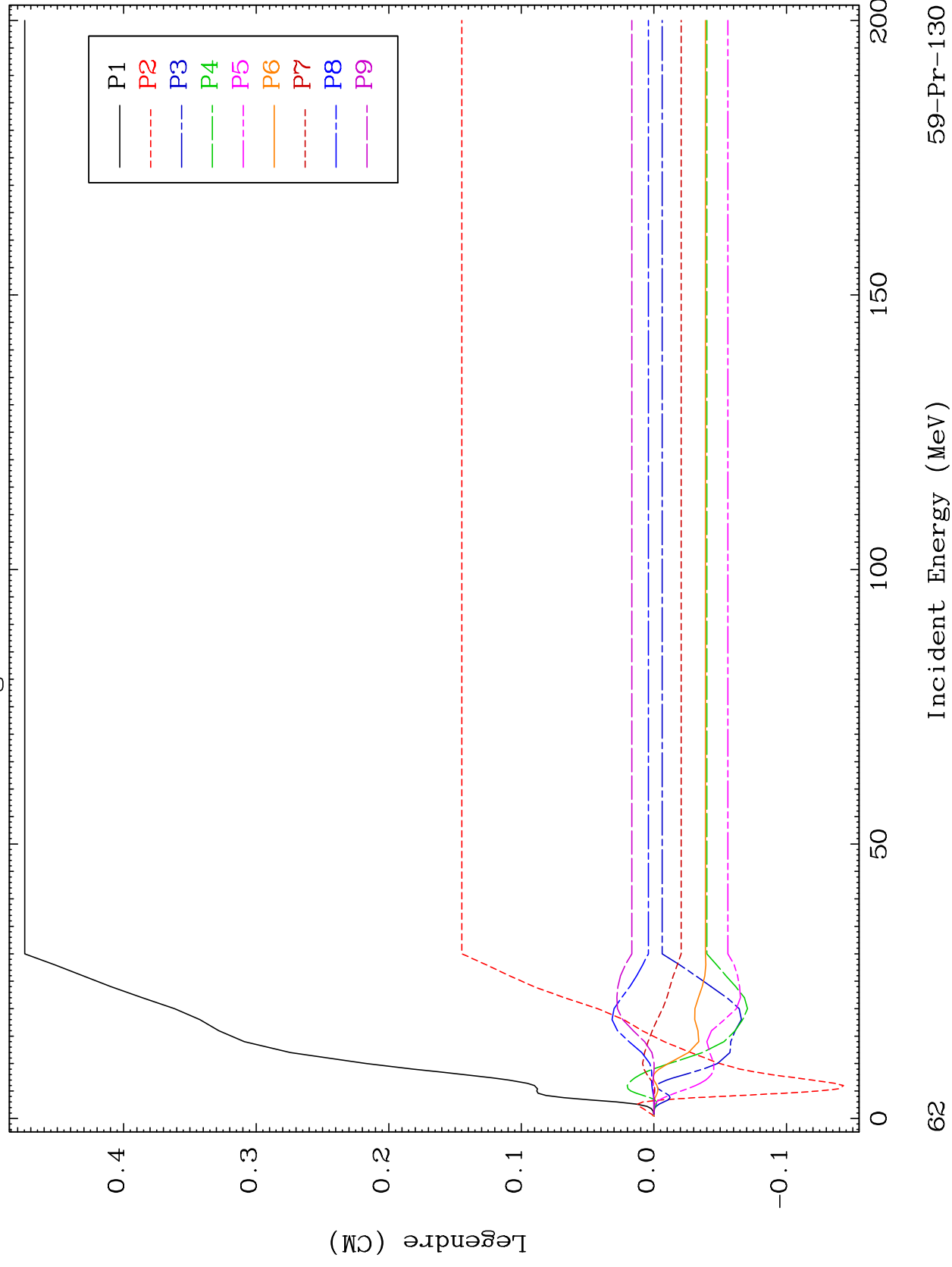




MAT 5892

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

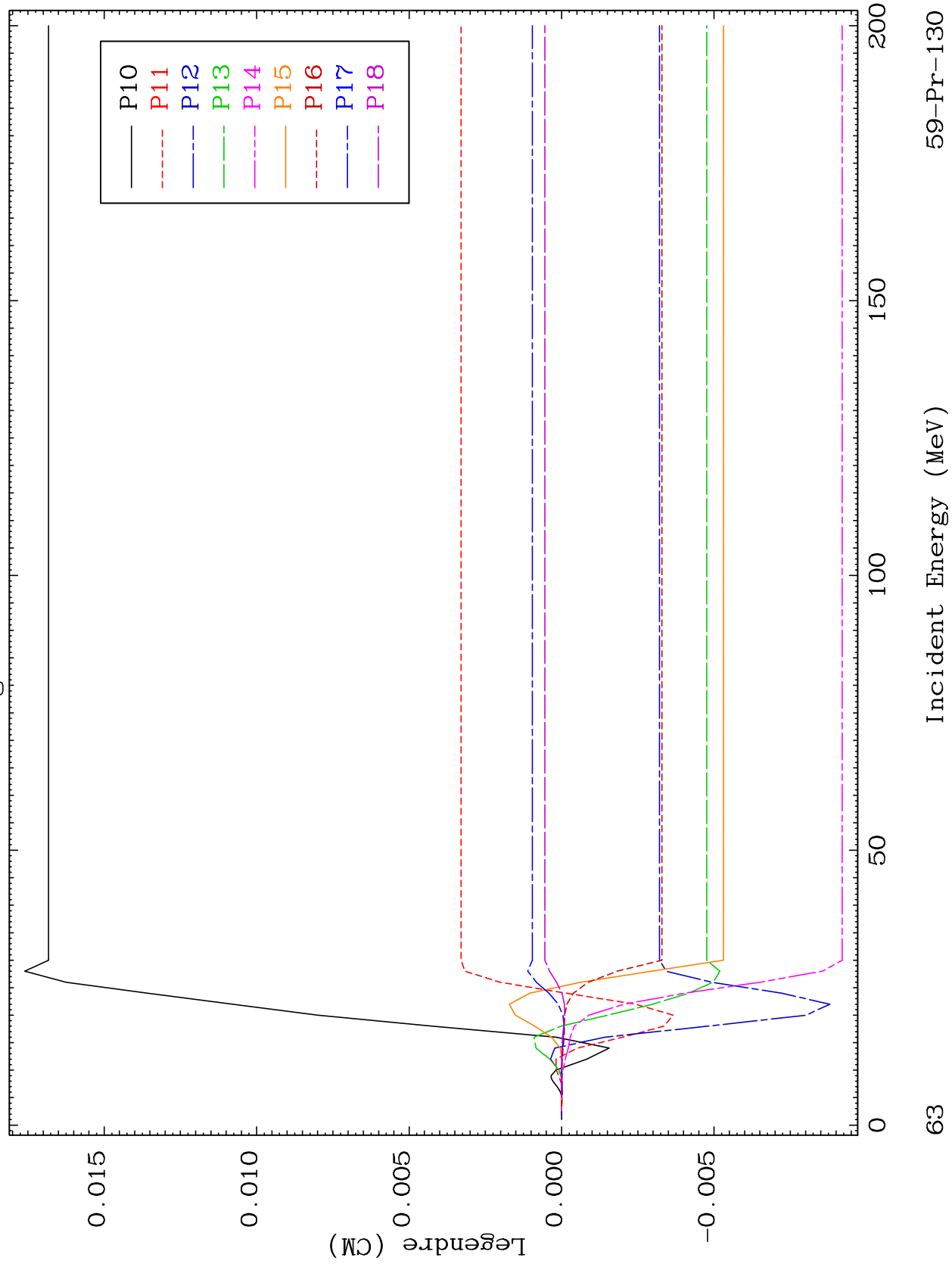
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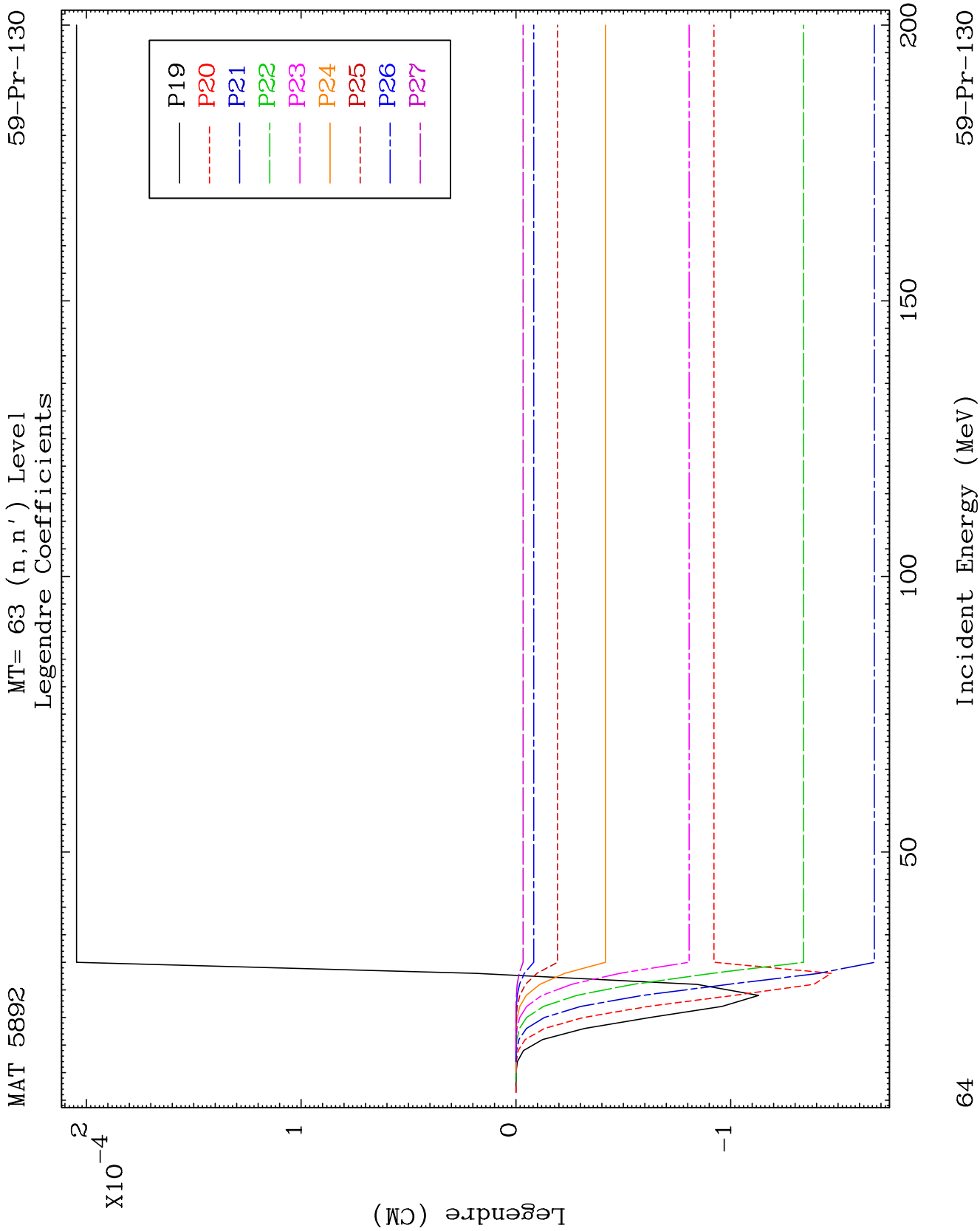


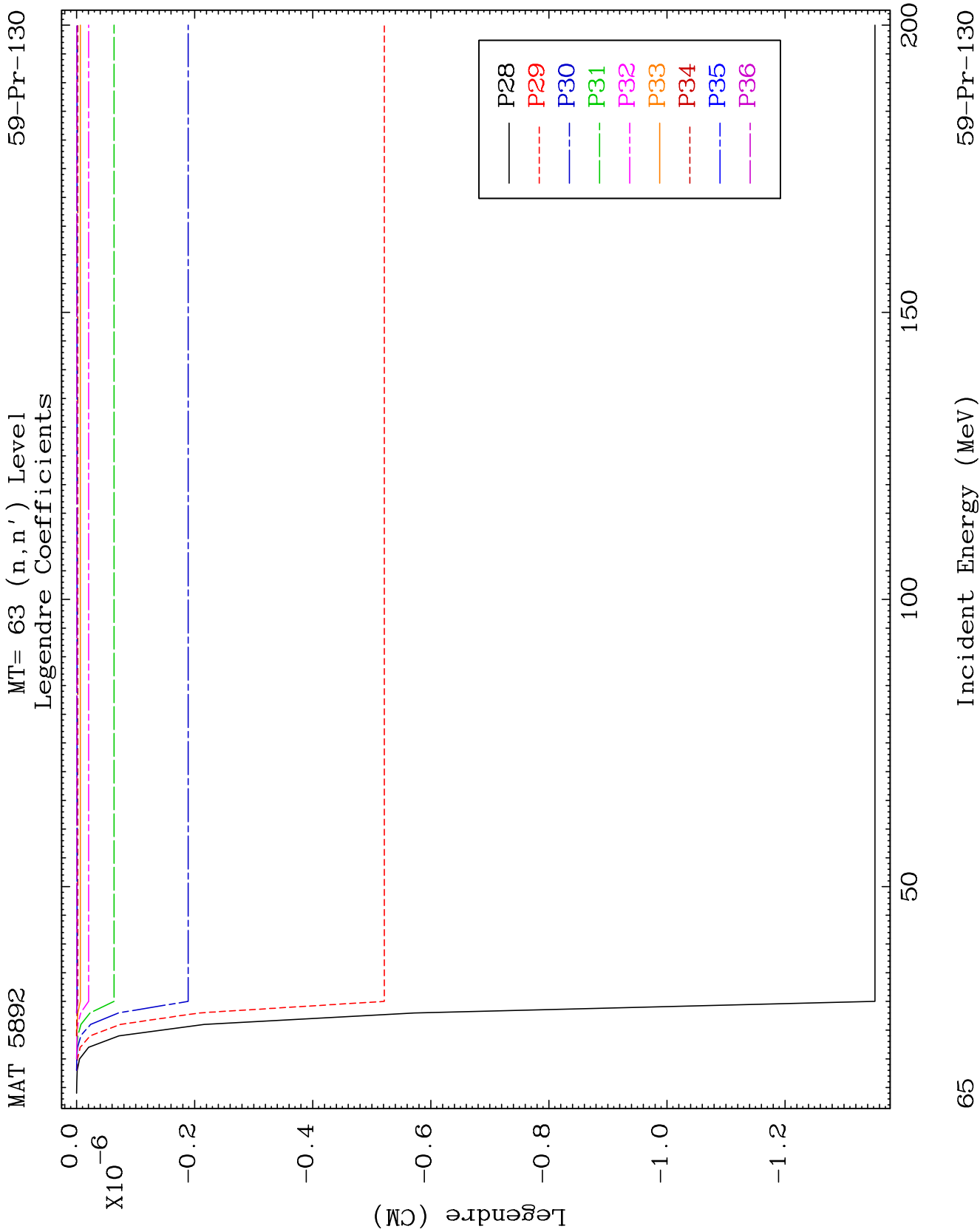
MAT 5892

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

59-Pr-130



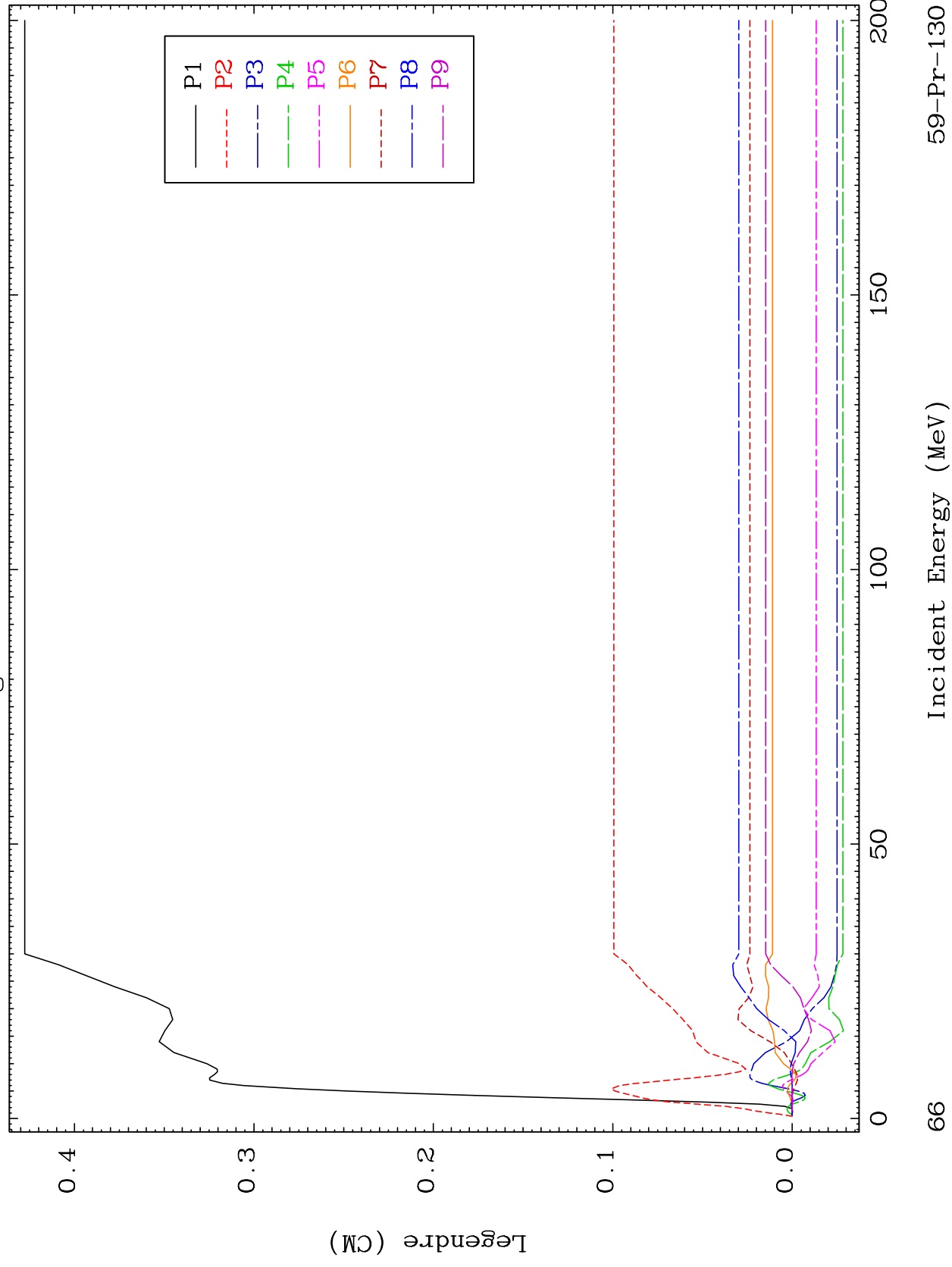


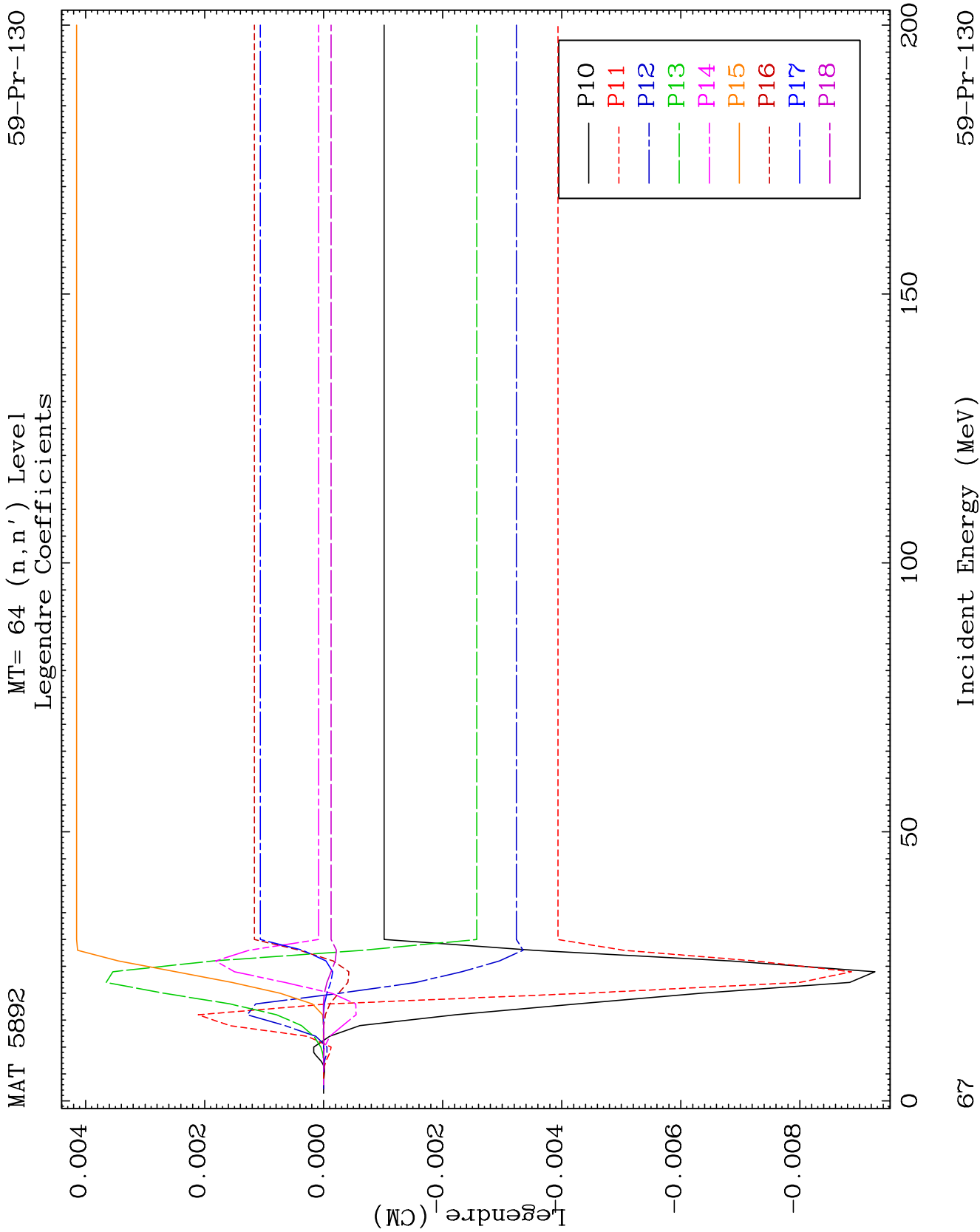


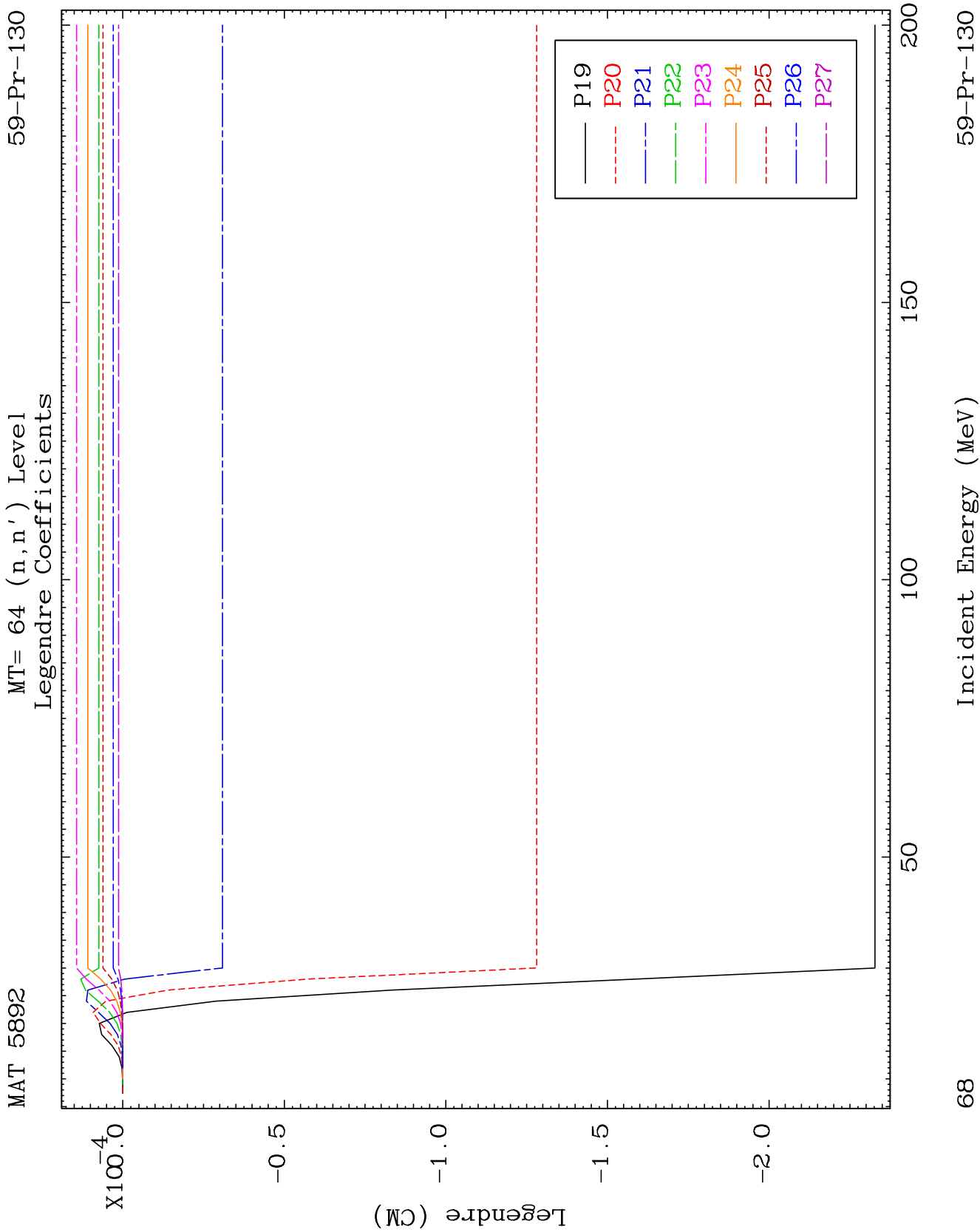
MAT 5892

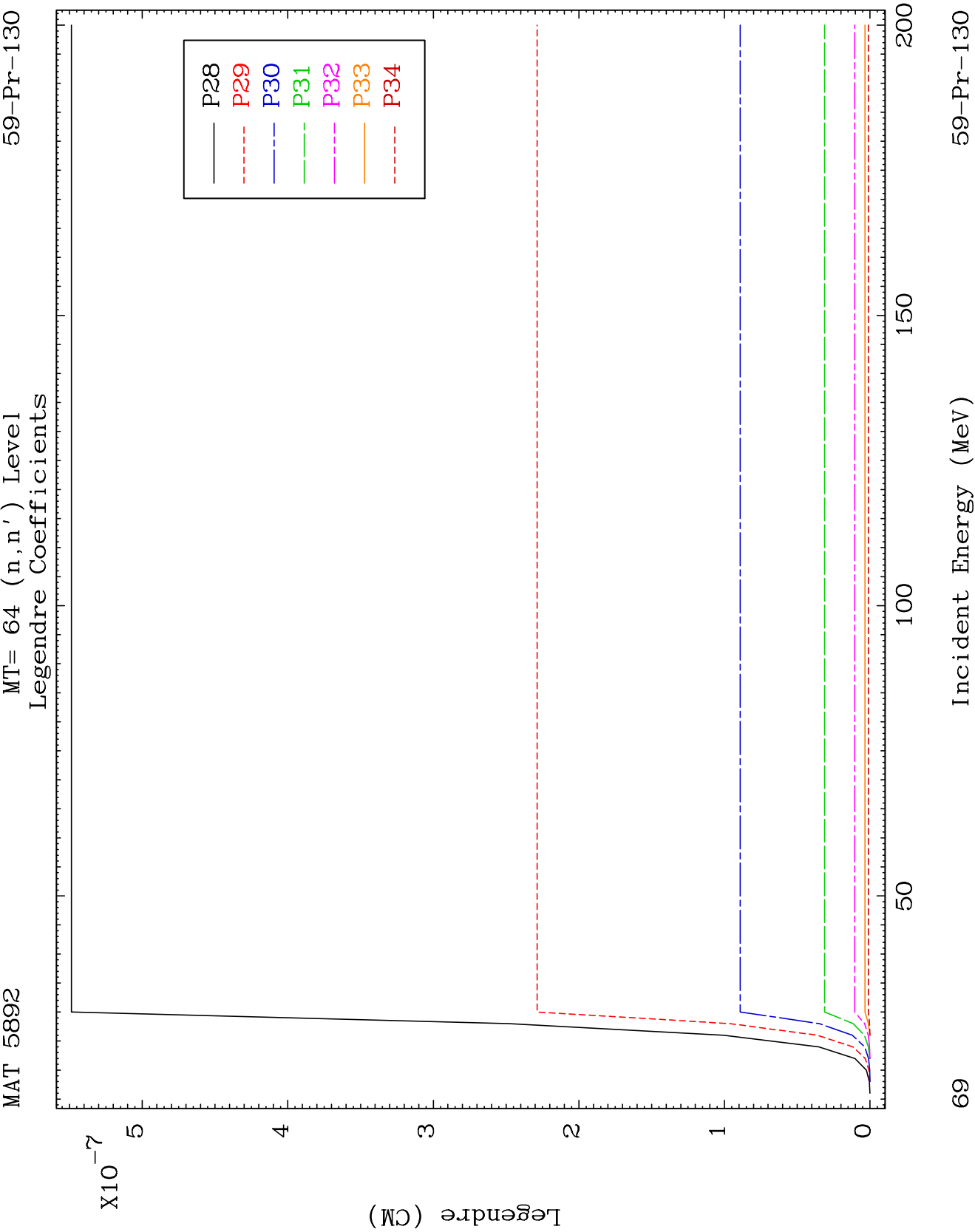
MT= 64 (n, n') Level
Legendre Coefficients

59-Pr-130





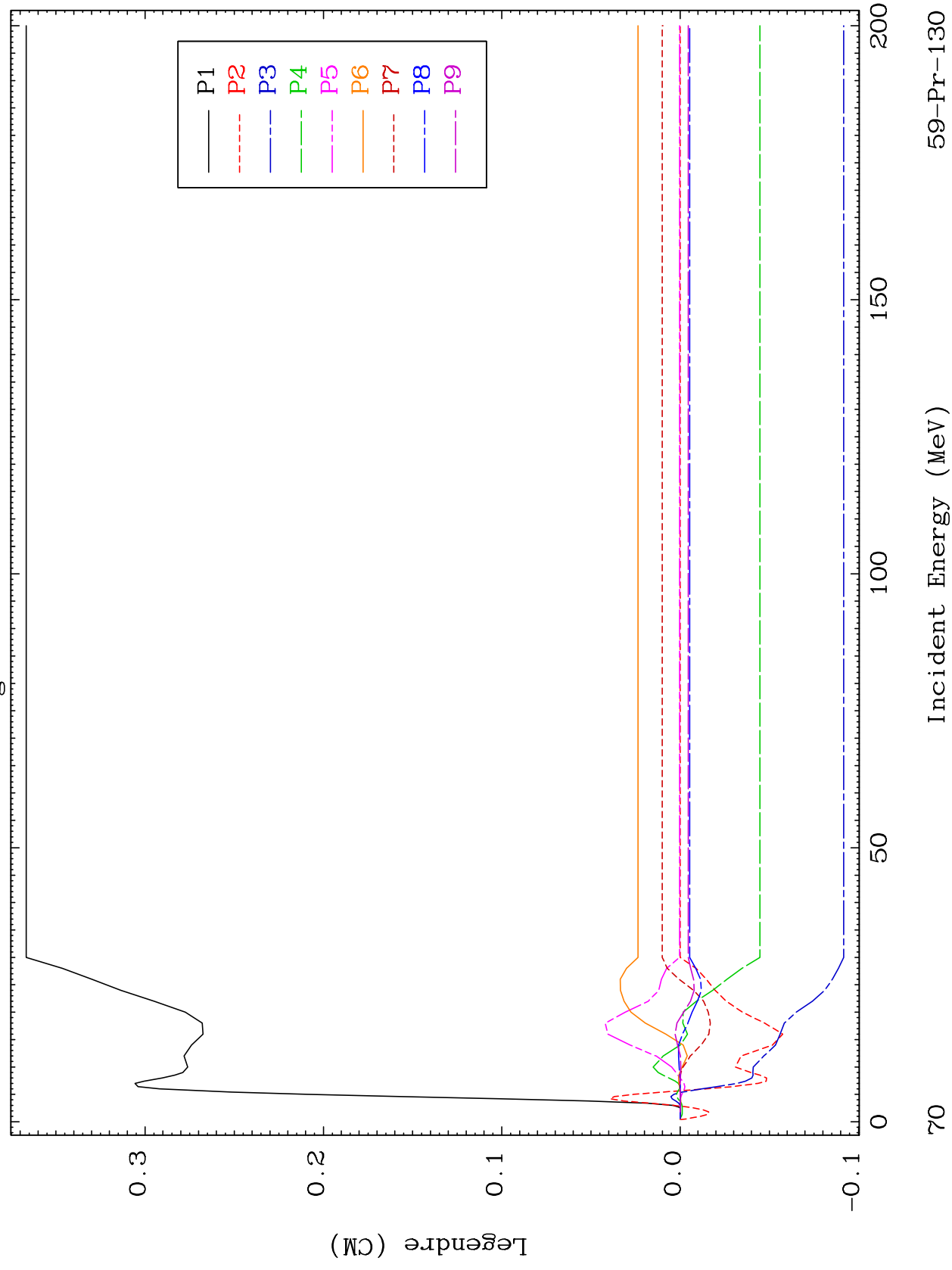


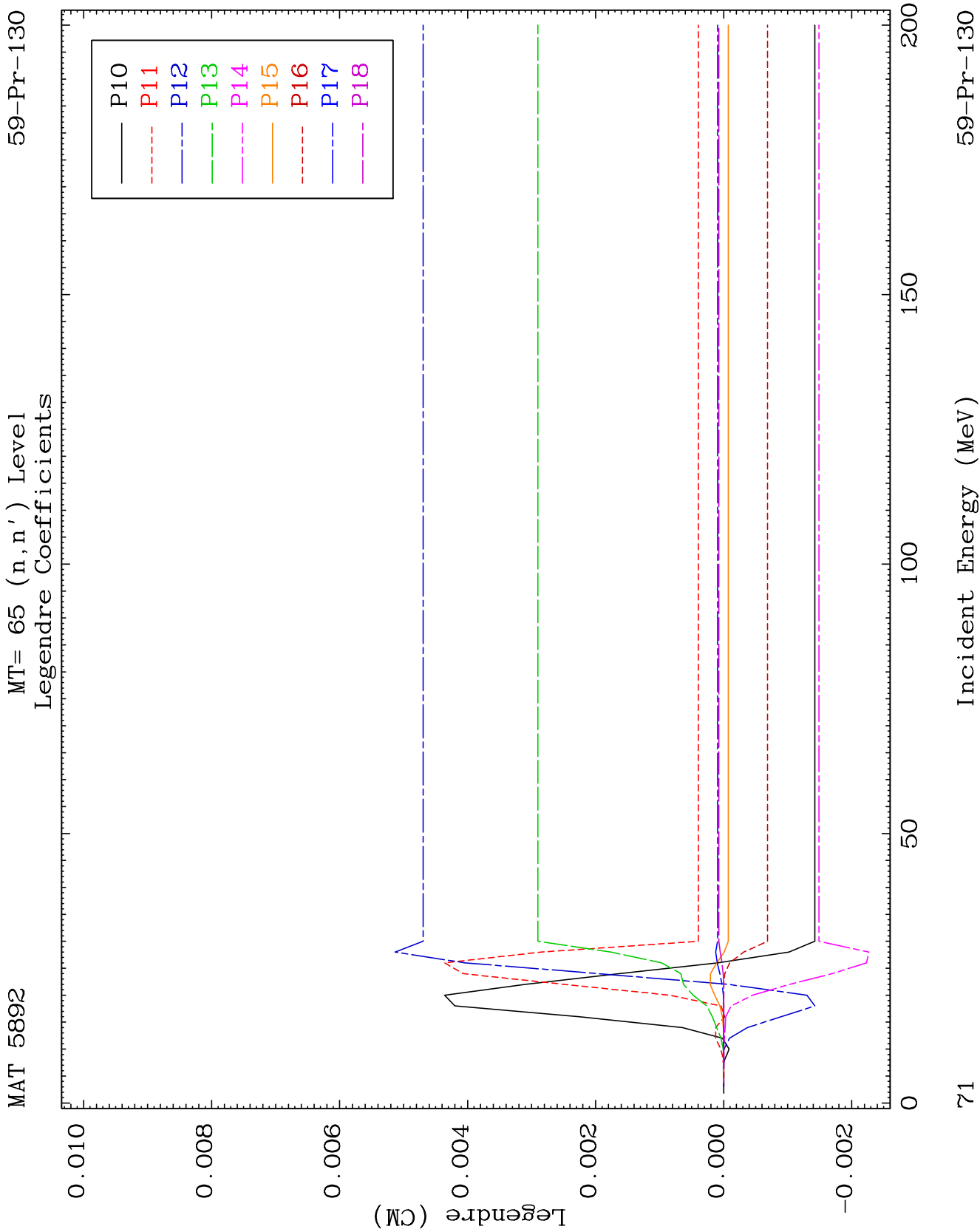


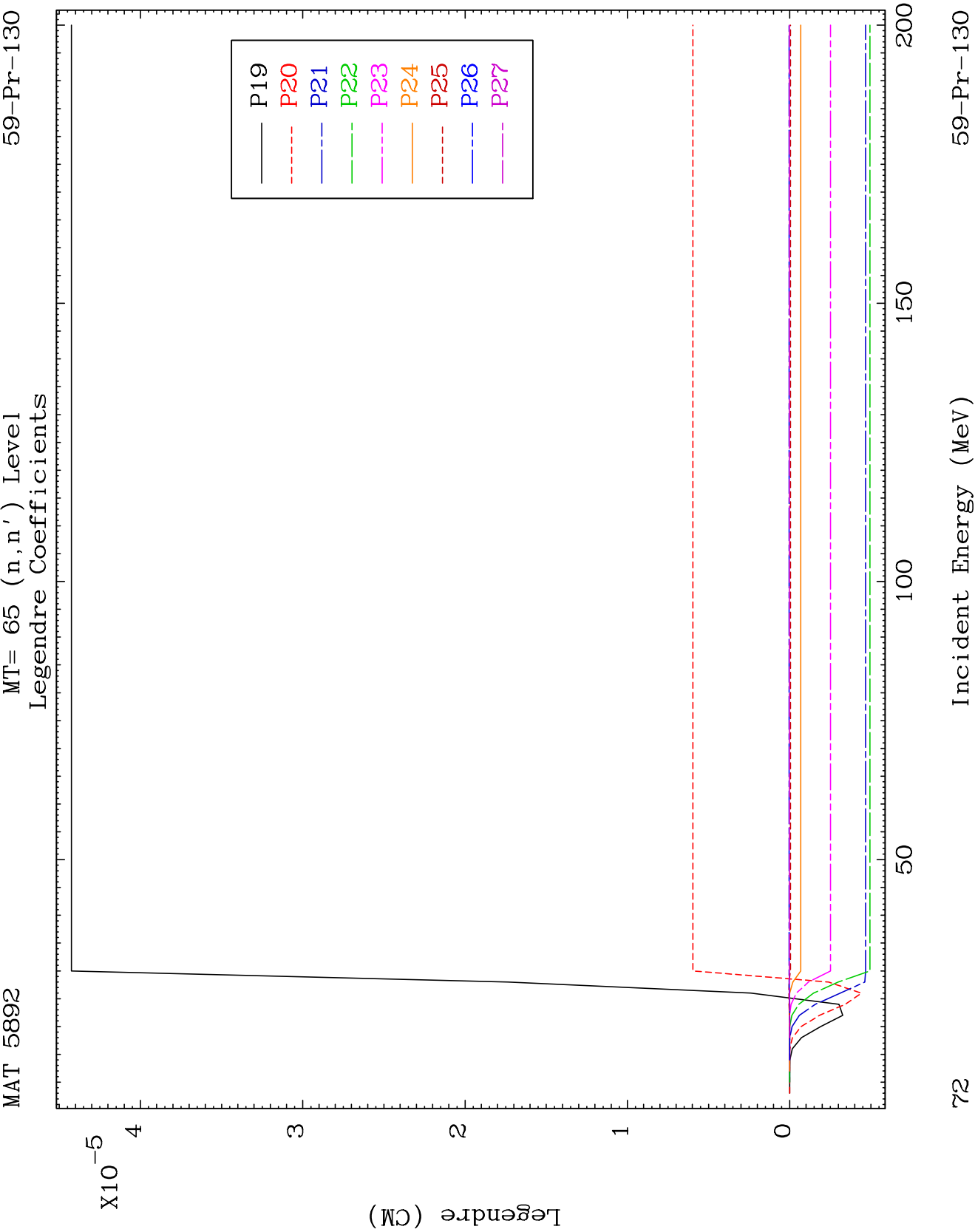
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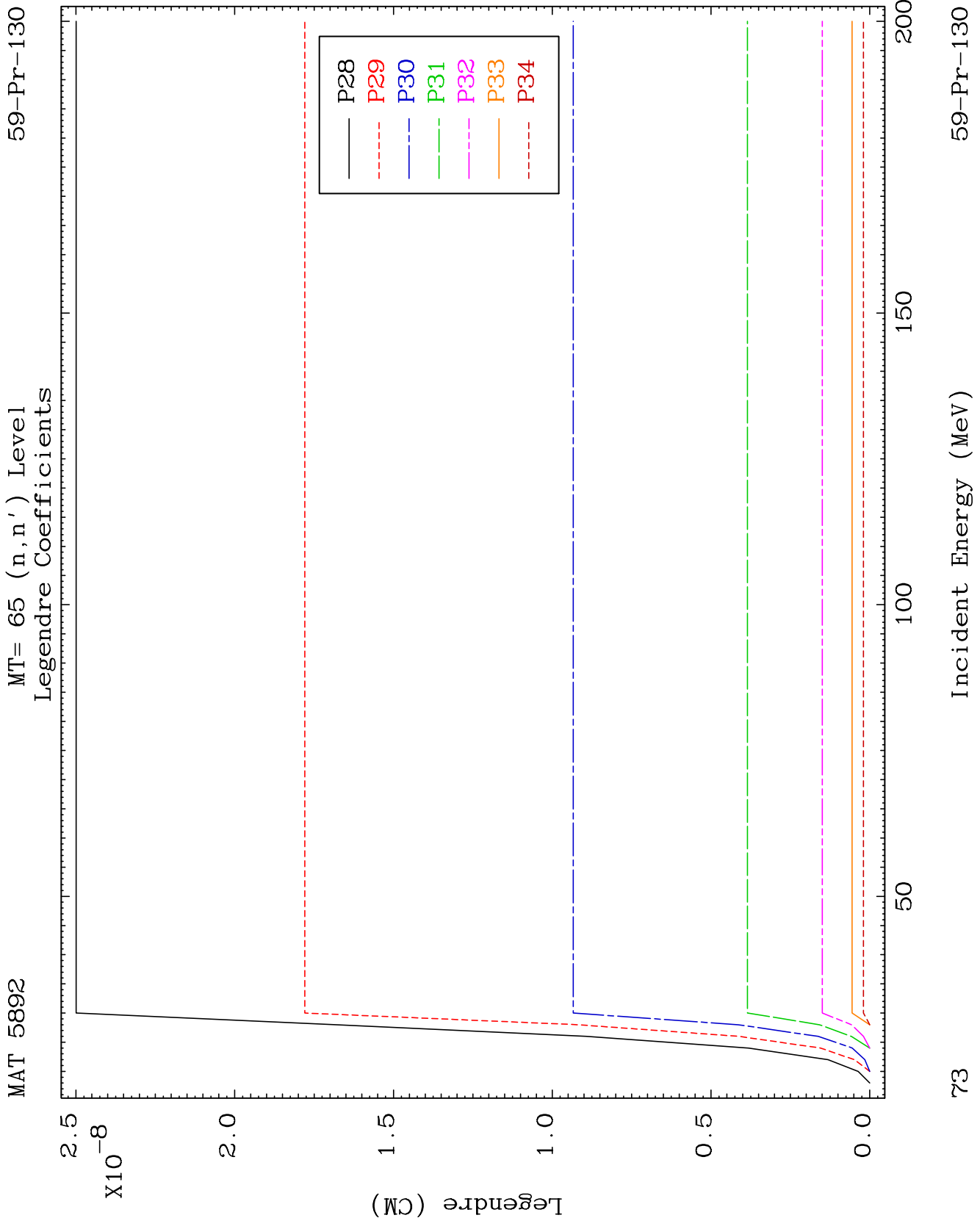
MT= 65 (n, n') Level
Legendre Coefficients

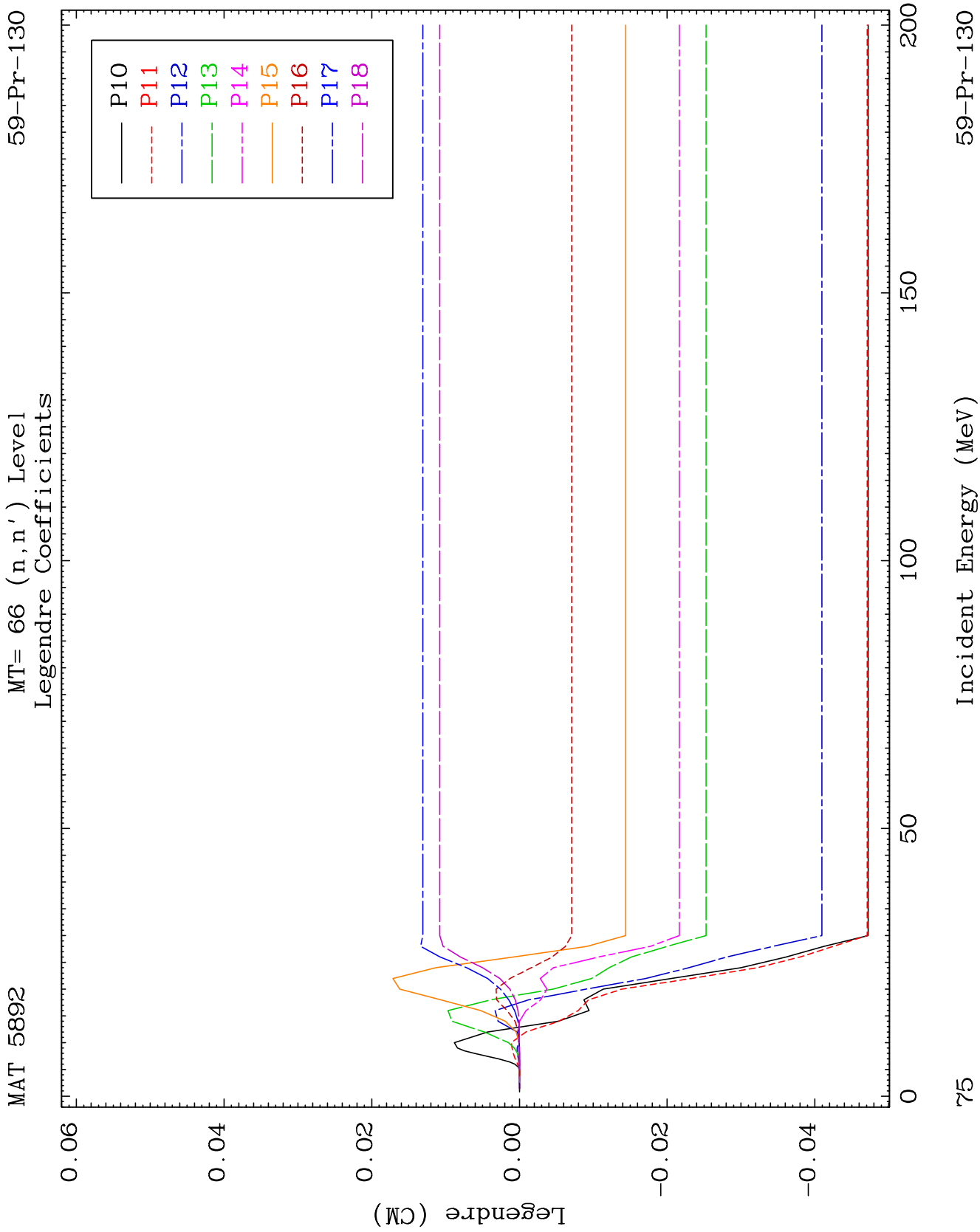
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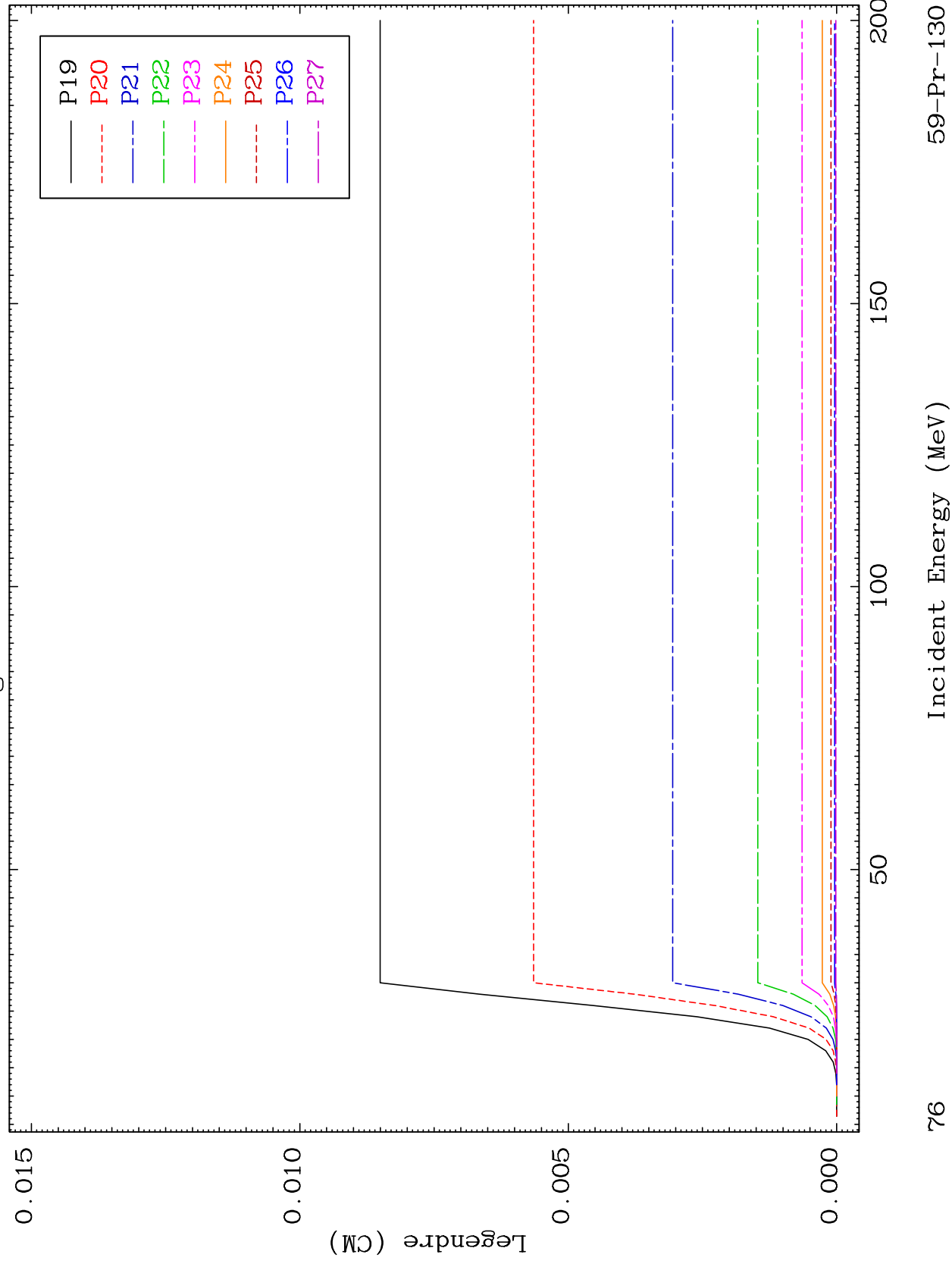


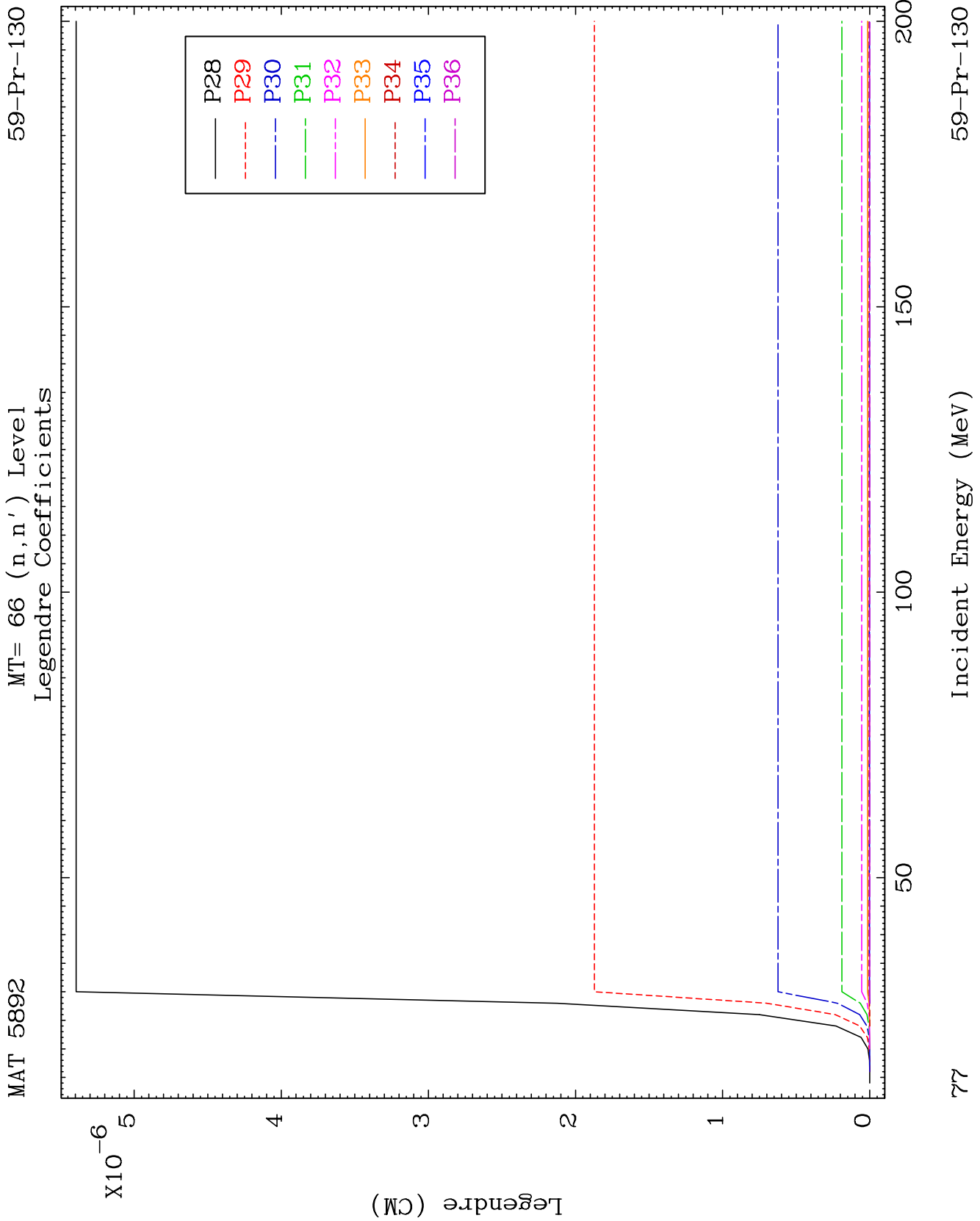


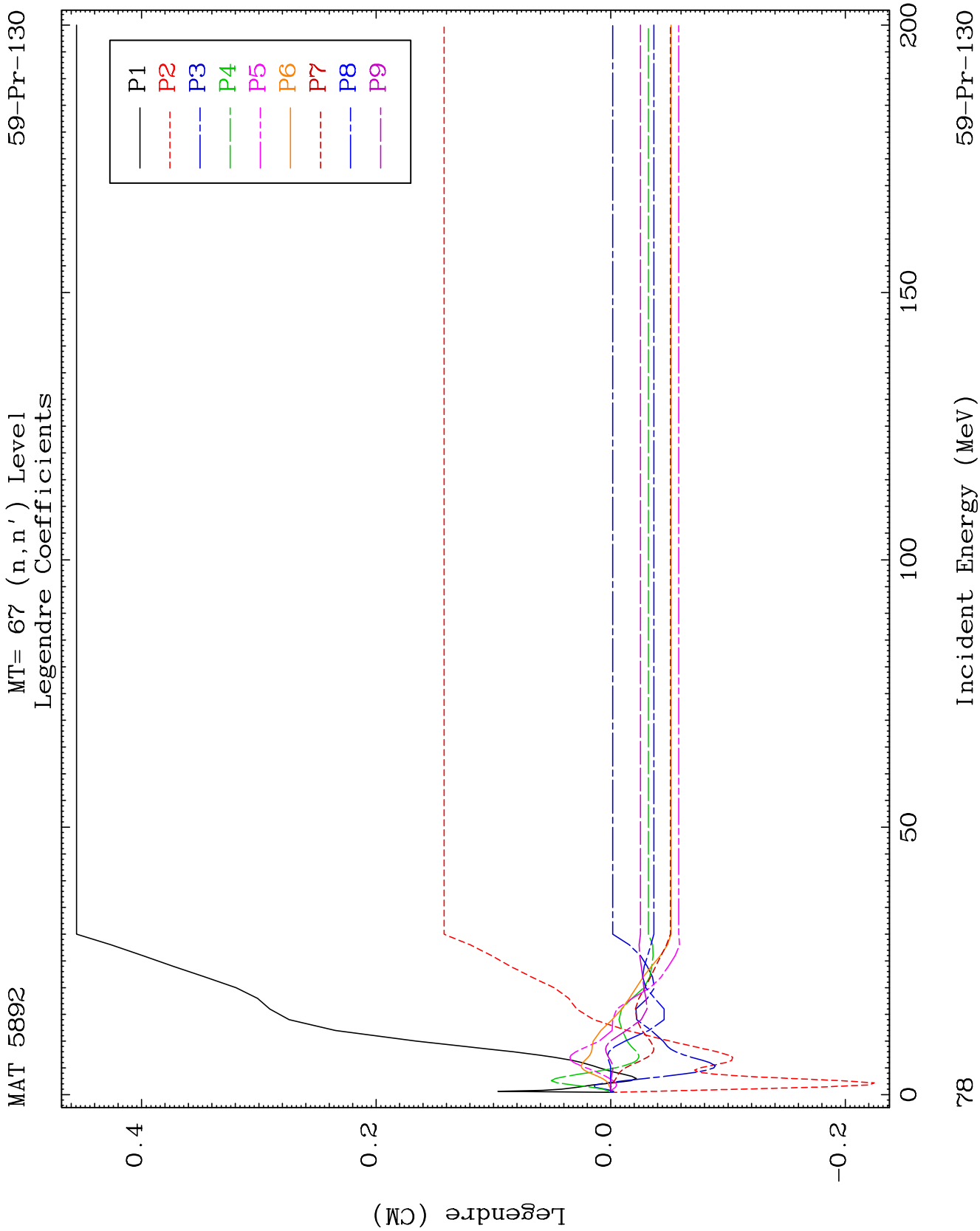
MAT 5892

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

59-Pr-130



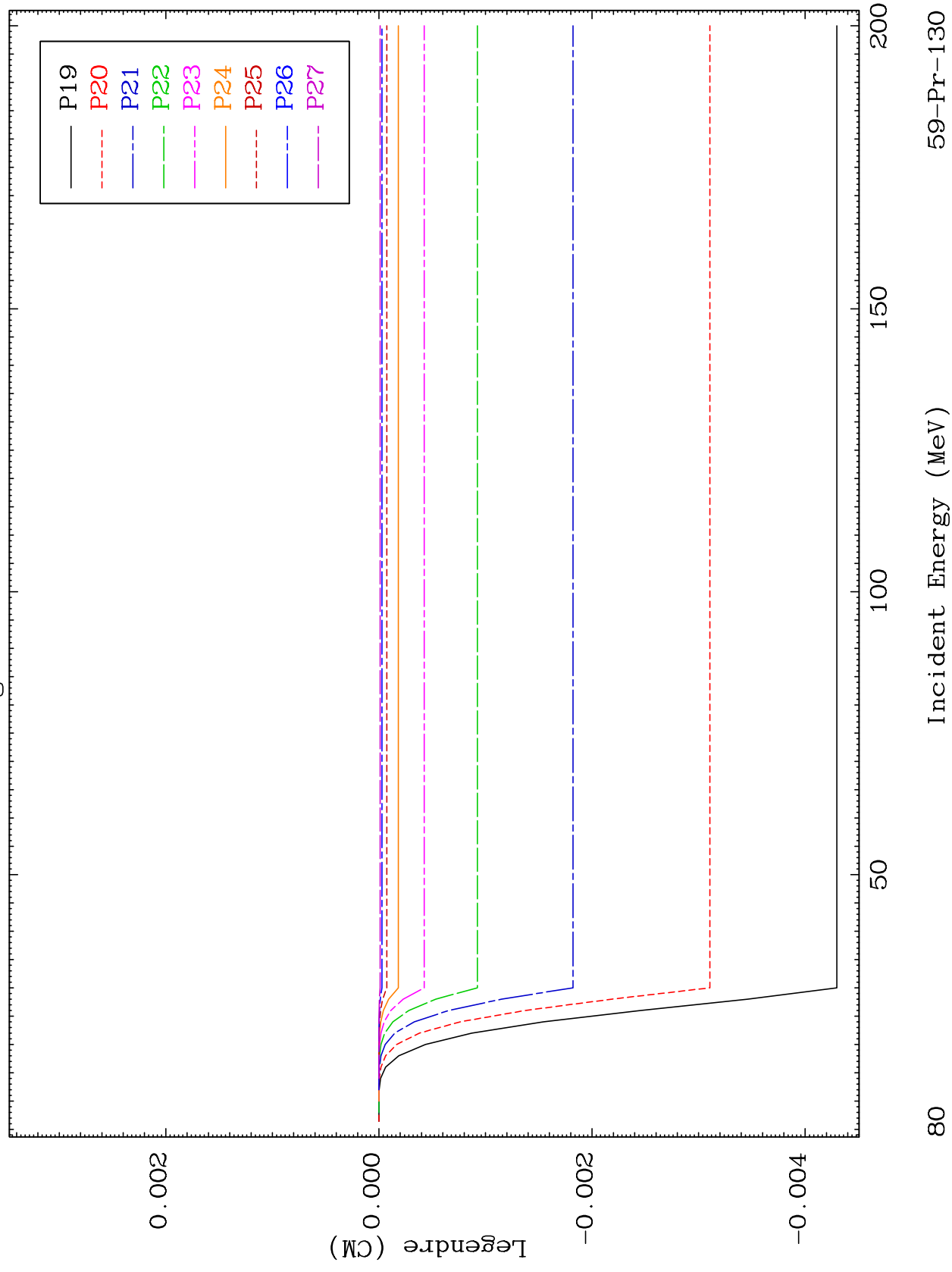


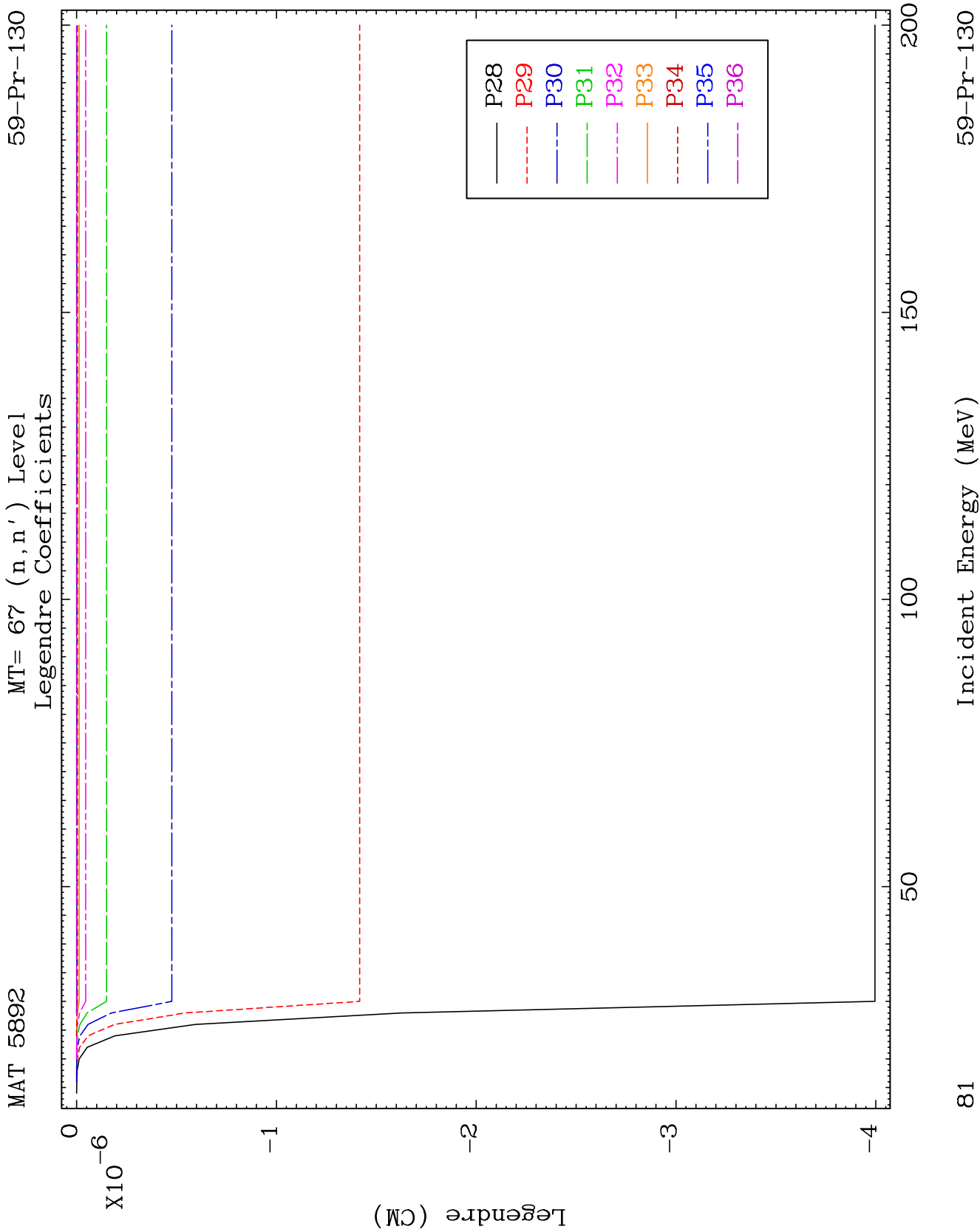


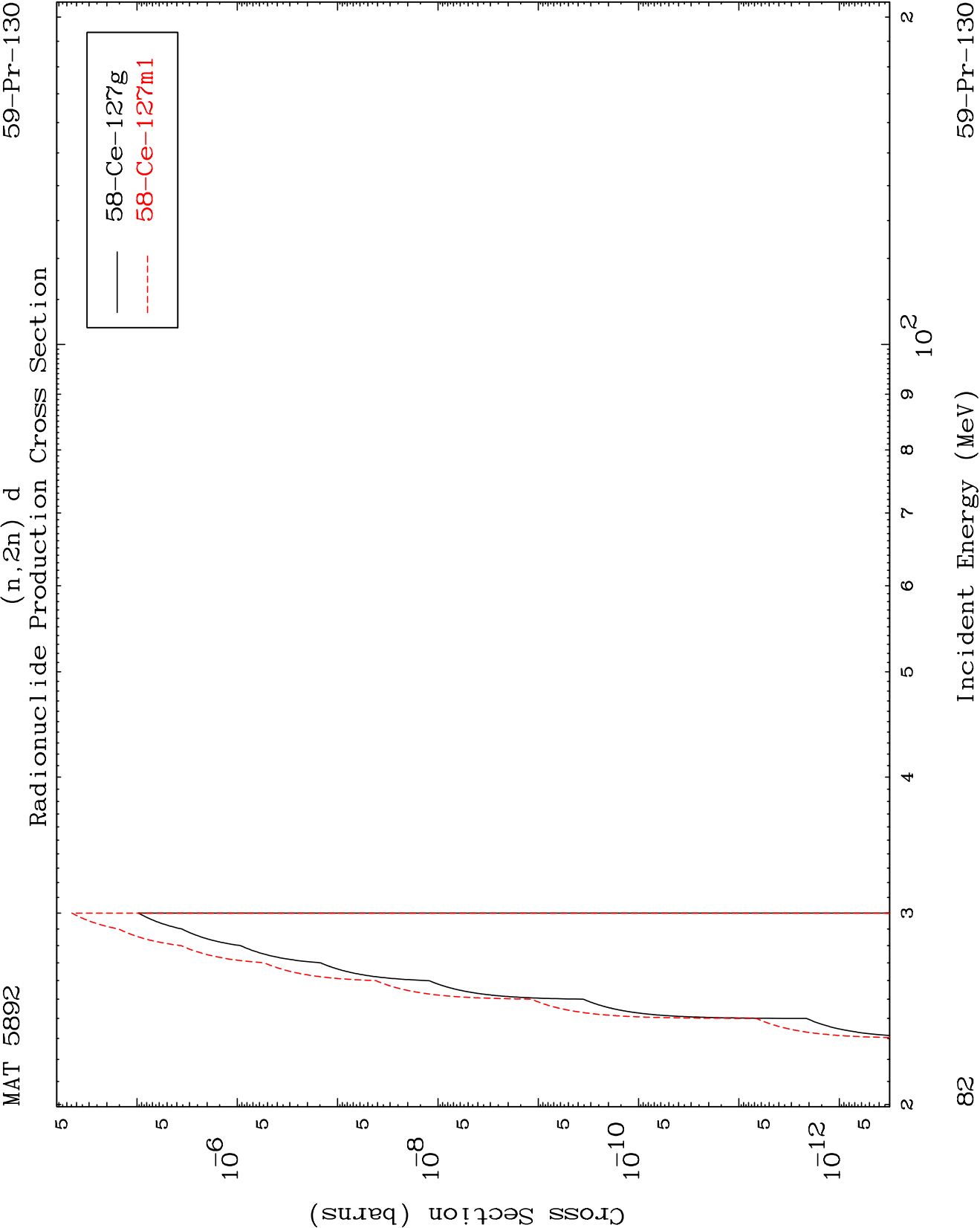
MAT 5892

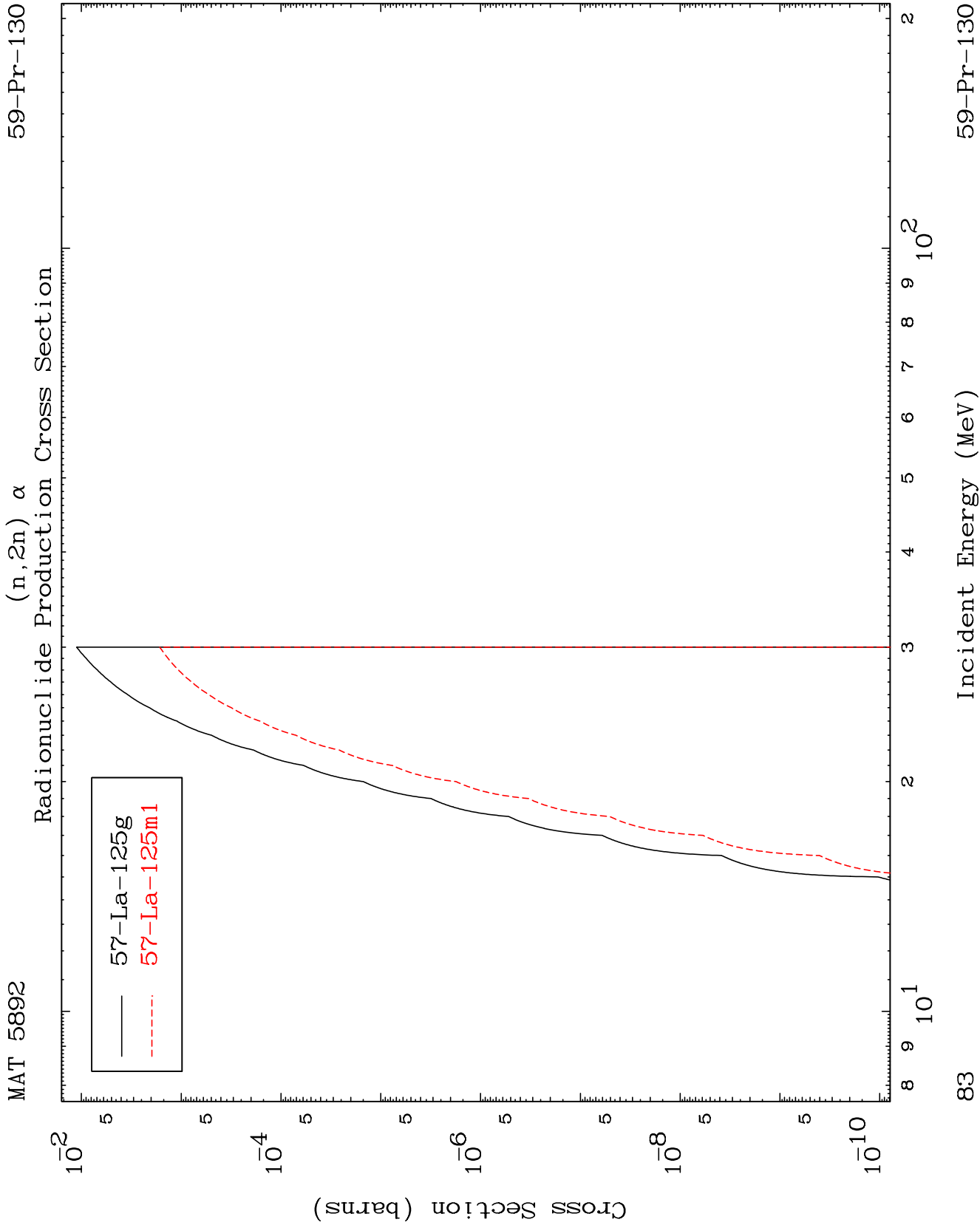
MT= 67 (n, n') Level
Legendre Coefficients

59-Pr-130

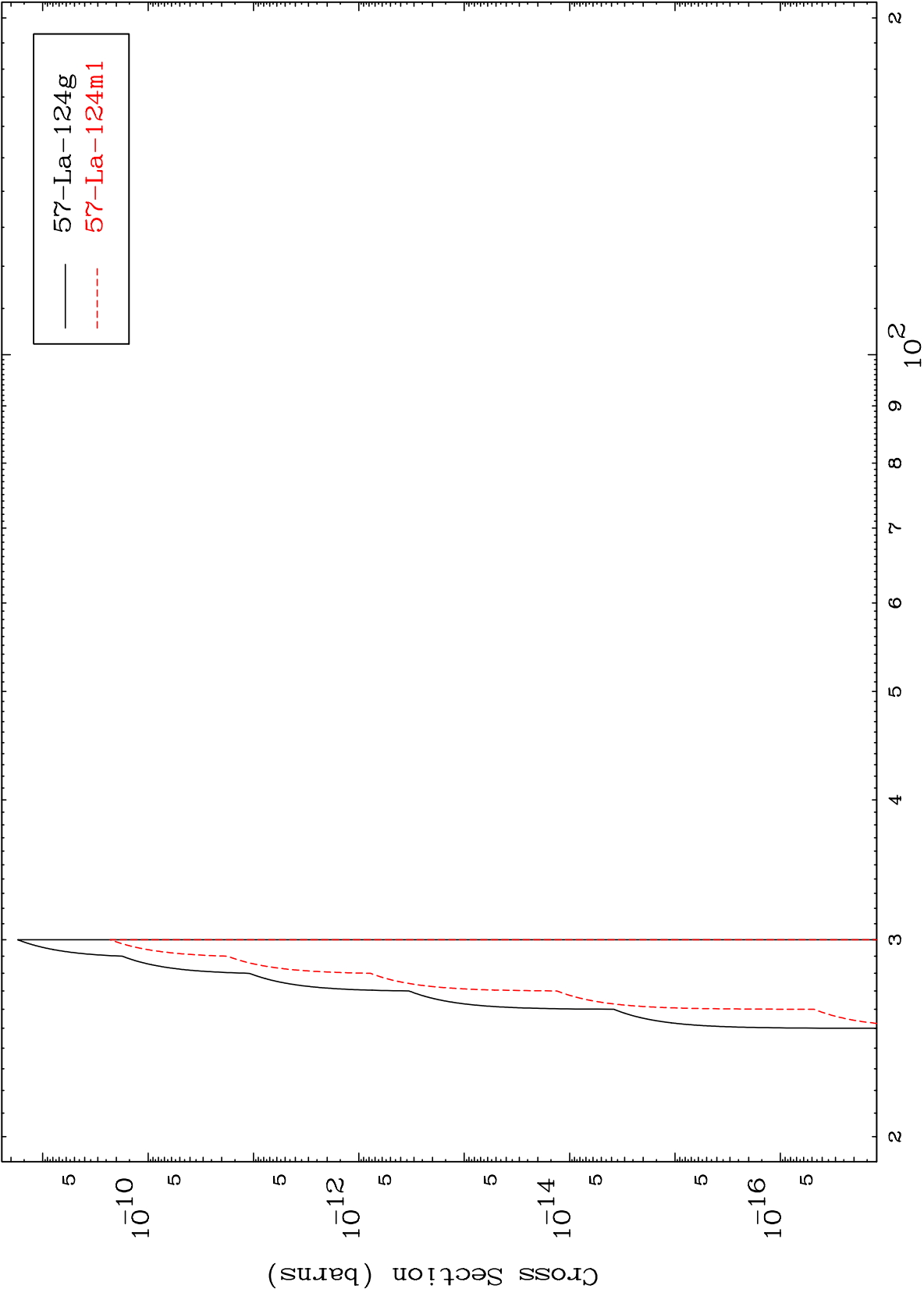




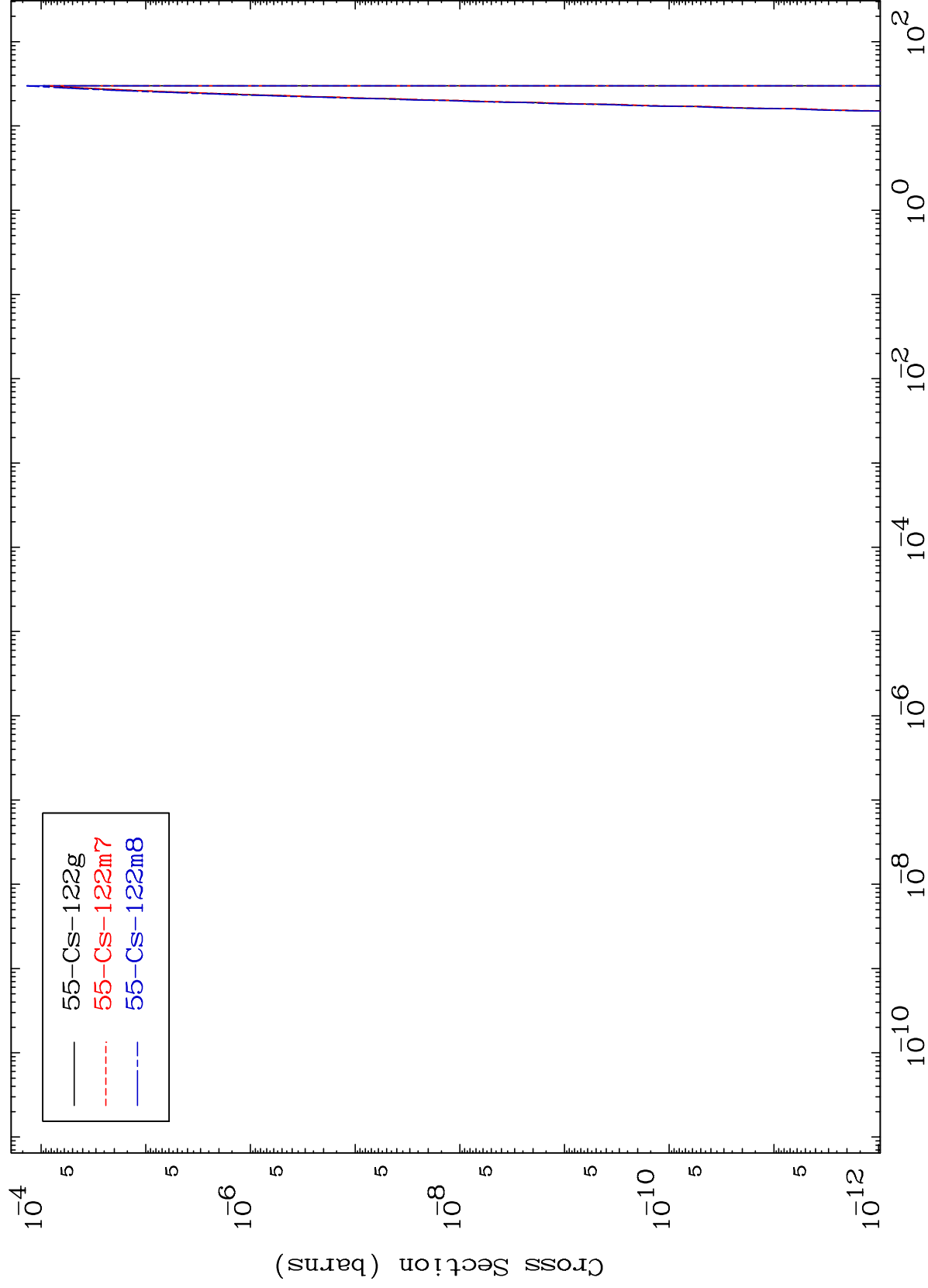




$(n,3n) \alpha$
Radionuclide Production Cross Section



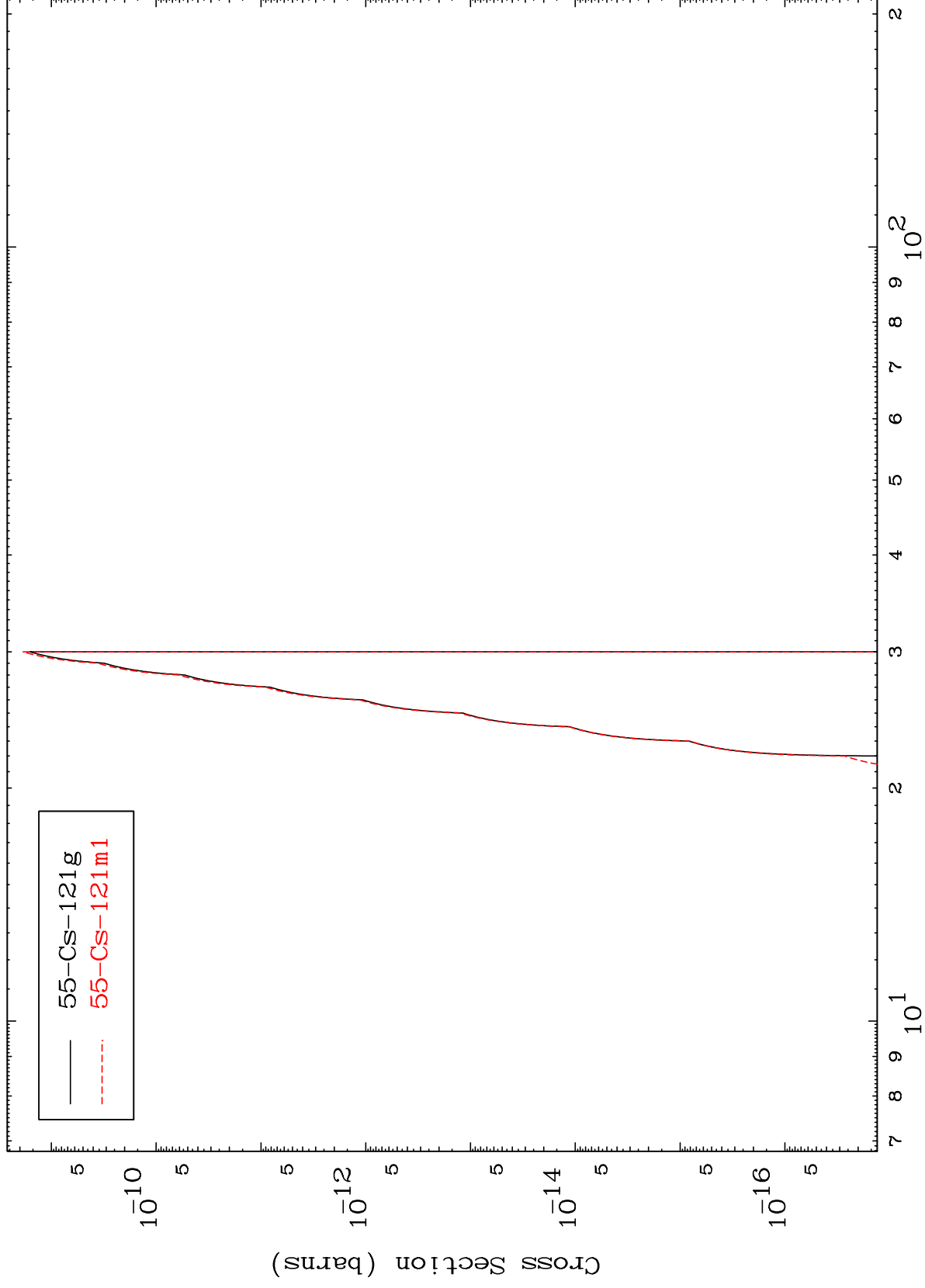
(n,n') 2 α
Radionuclide Production Cross Section



MAT 5892

59-Pr-130

(n,2n) 2α
Radionuclide Production Cross Section

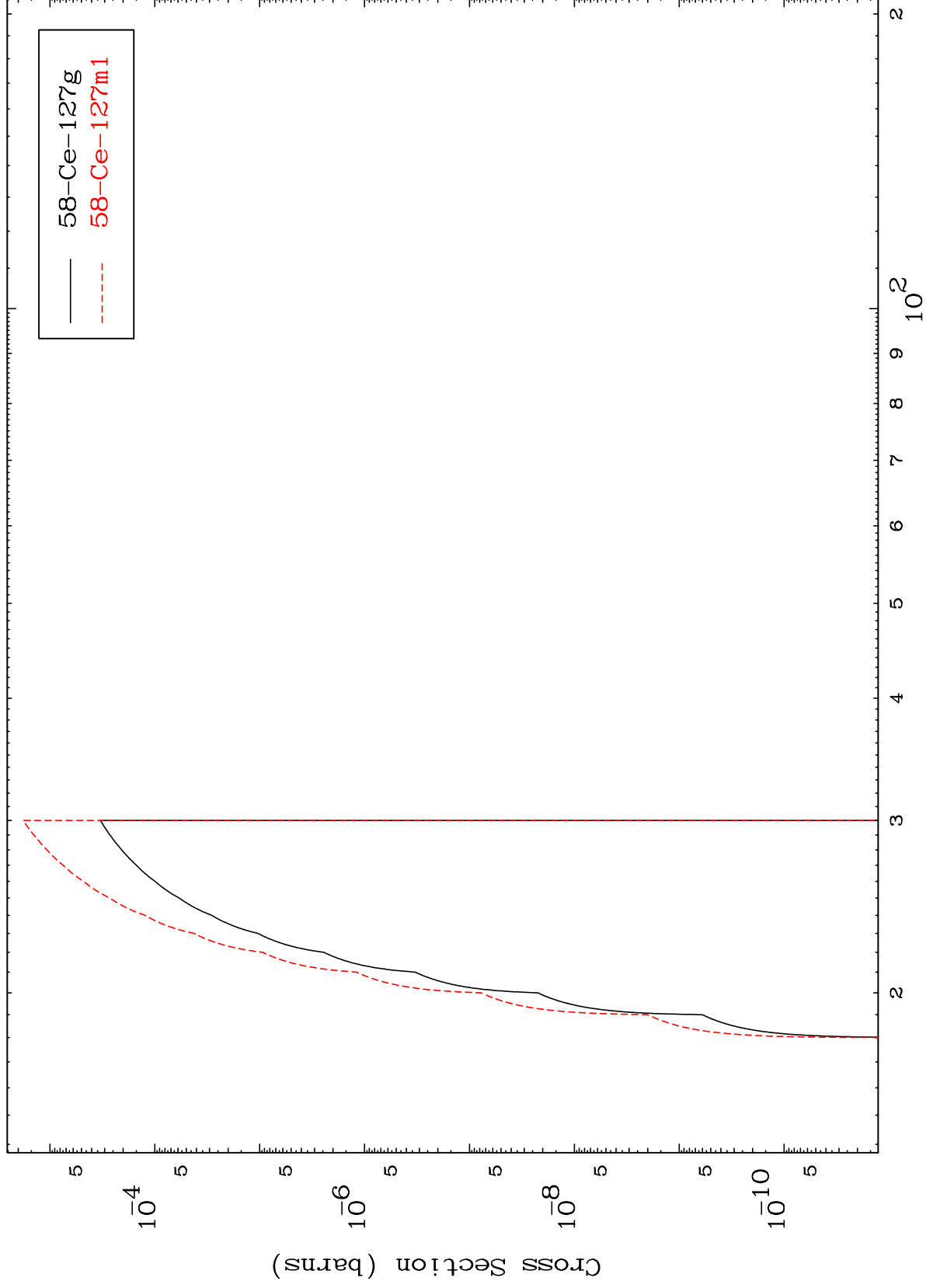


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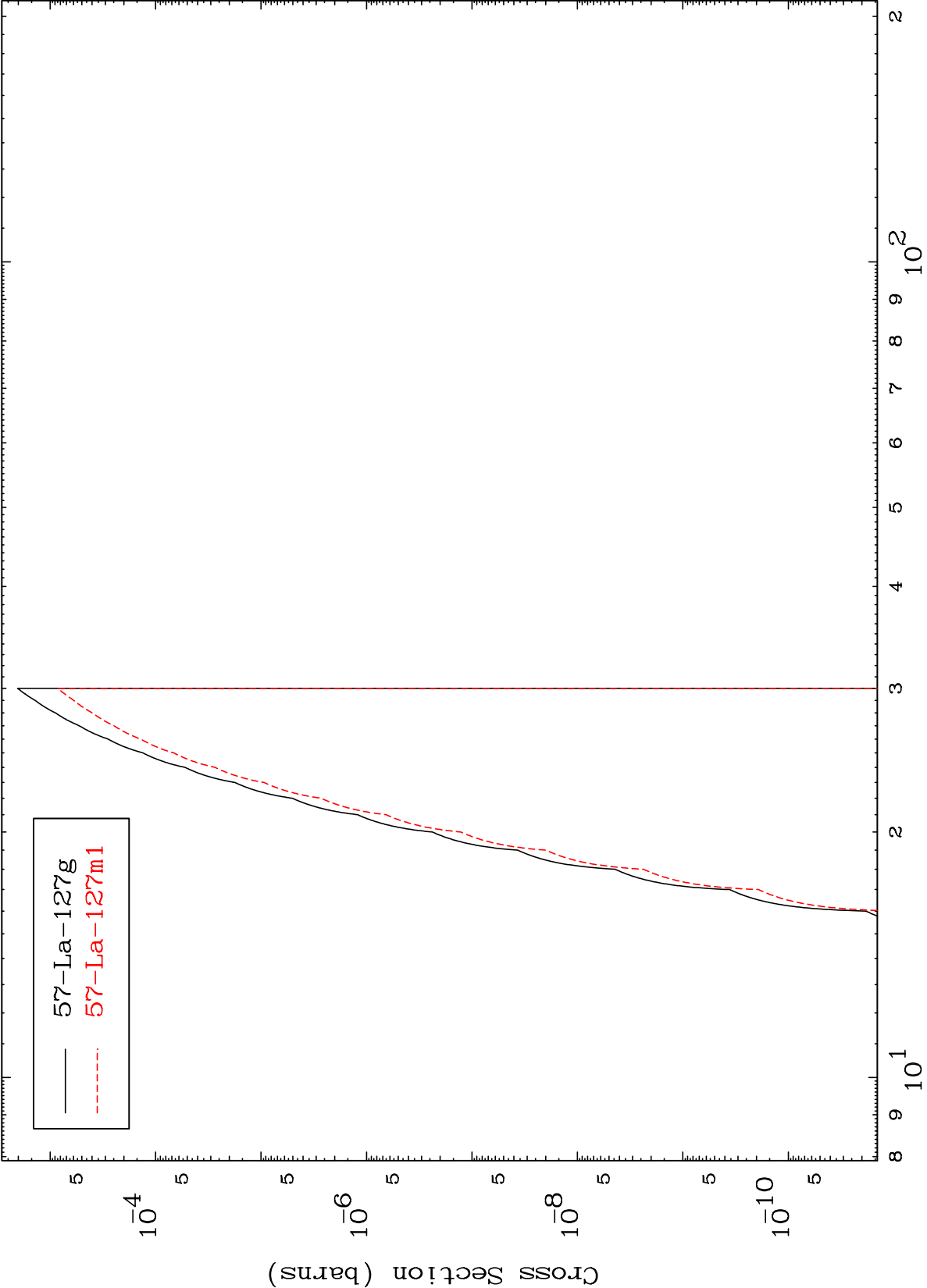
Incident Energy (MeV)

59-Pr-130

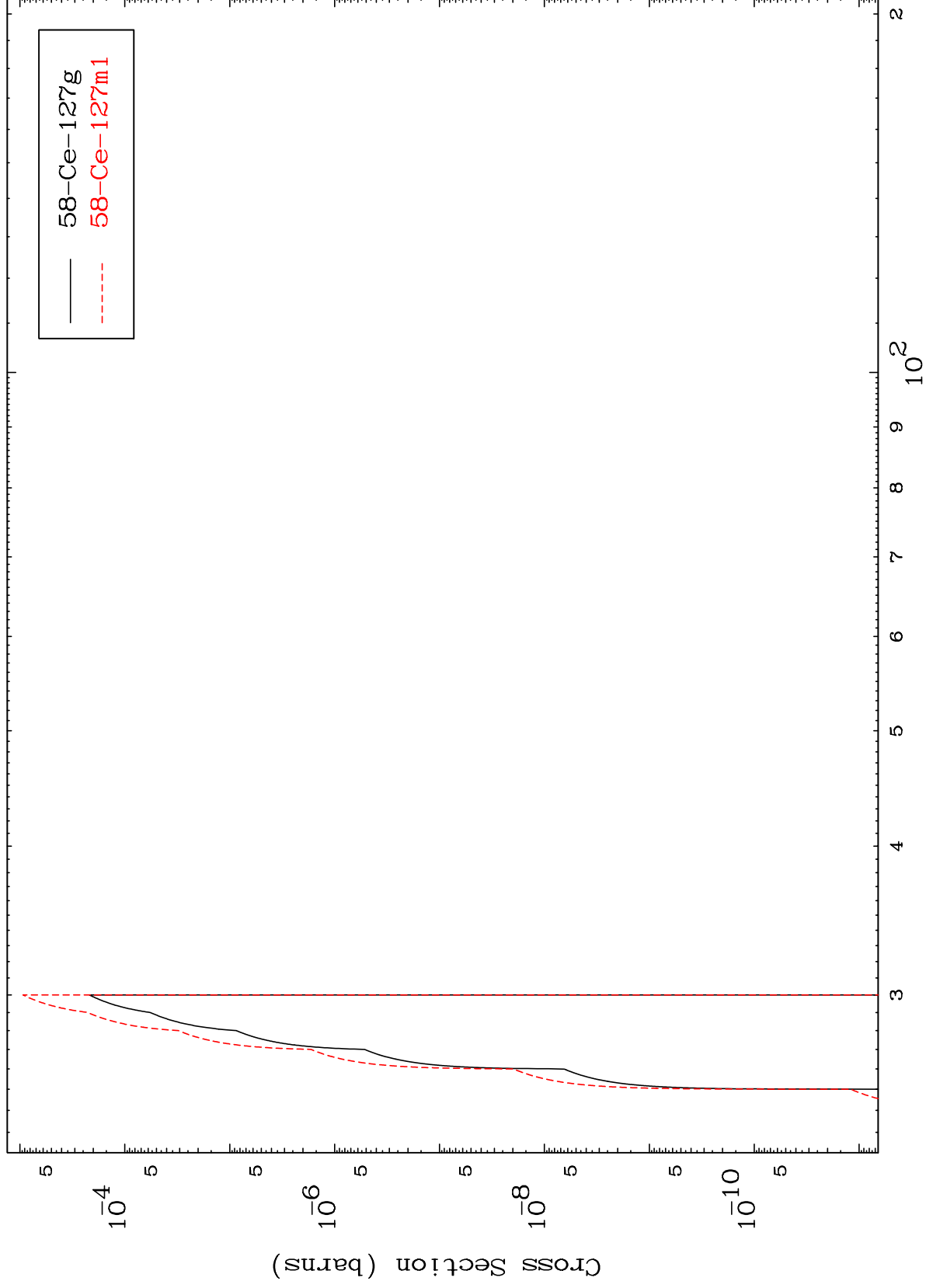
Radionuclide Production Cross Section
(n,n') t



Radionuclide Production Cross Section



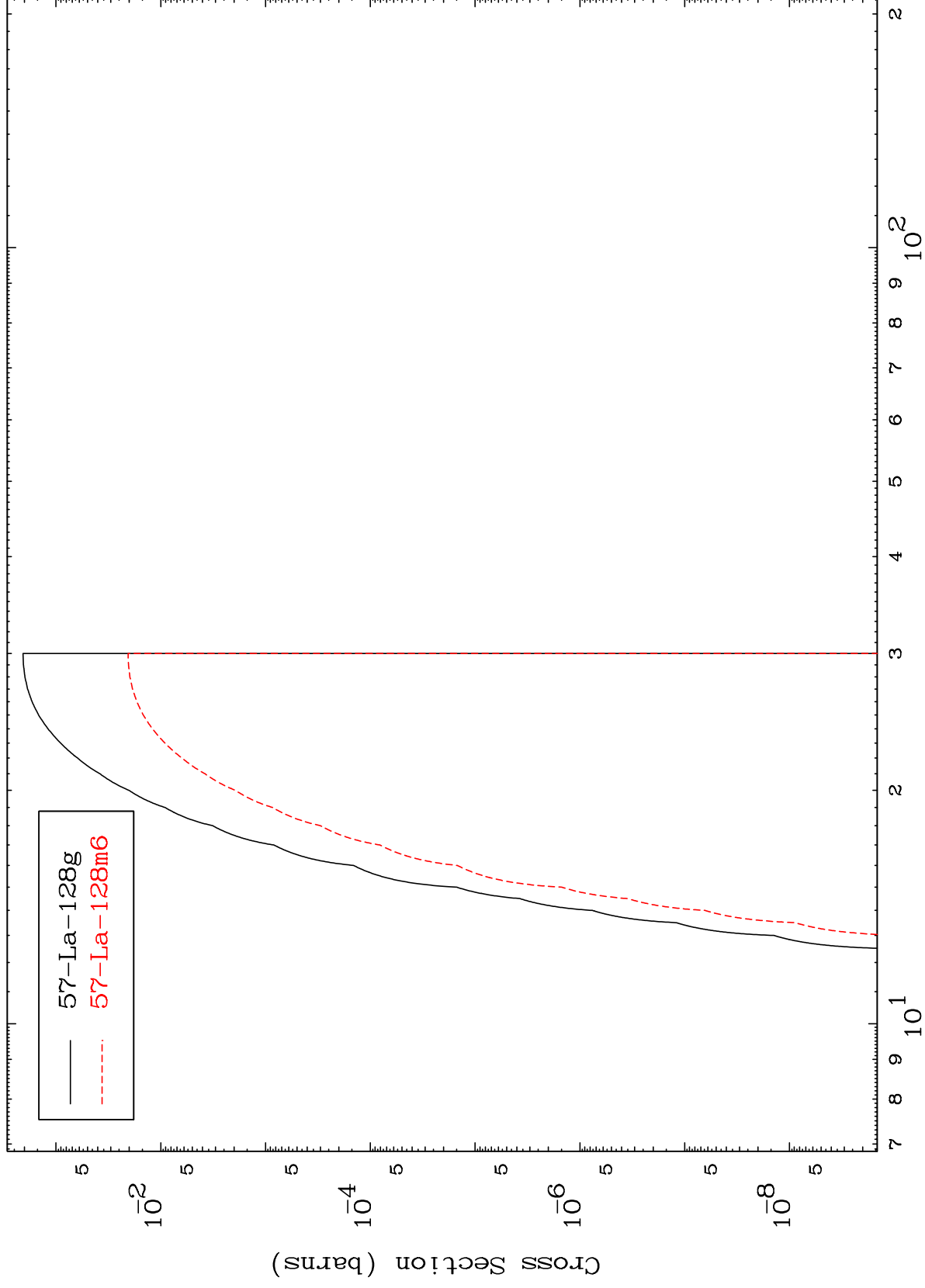
(n,3n) p
Radionuclide Production Cross Section



MAT 5892

59-Pr-130

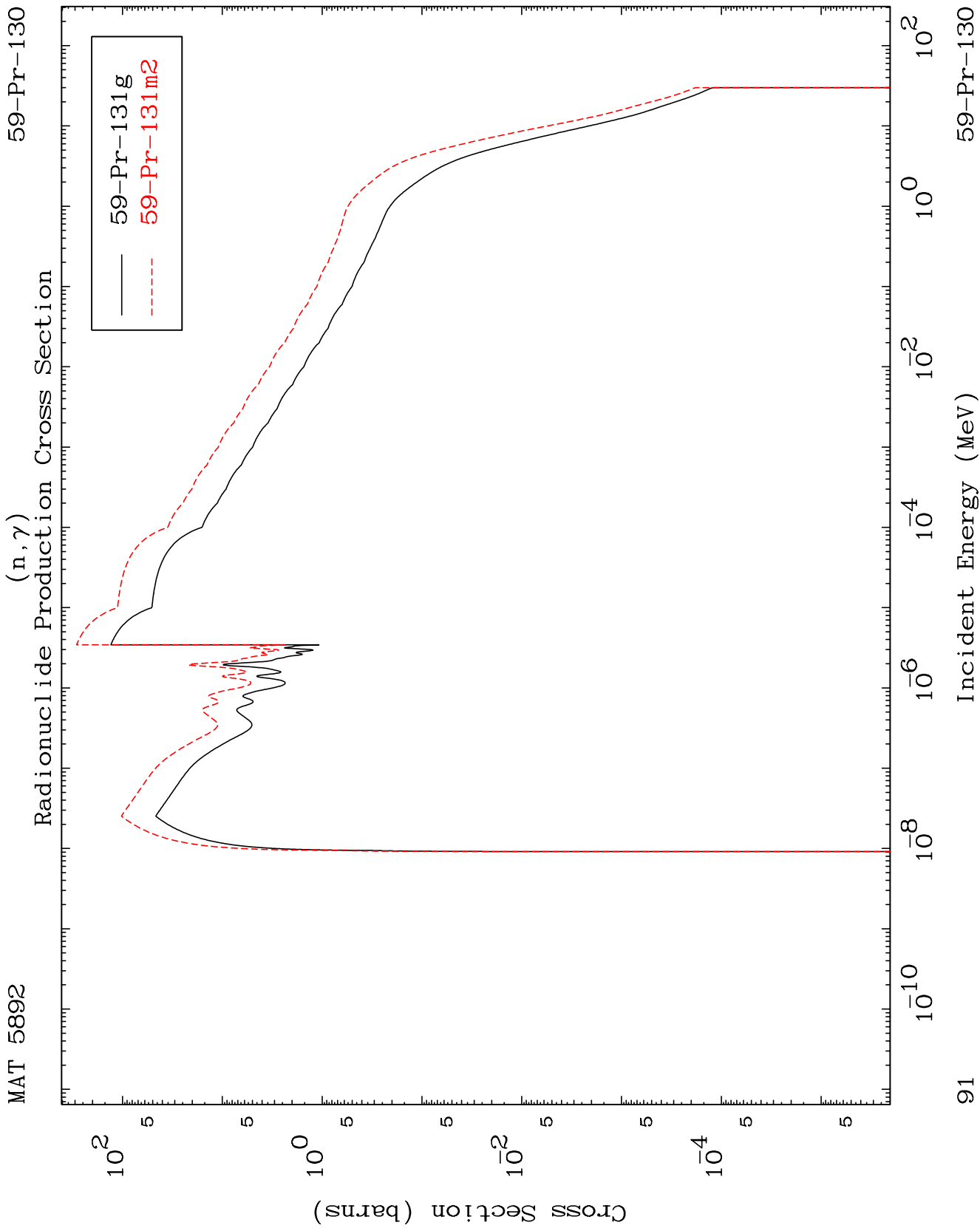
(n,2n) p
Radionuclide Production Cross Section



90

Incident Energy (MeV)

59-Pr-130

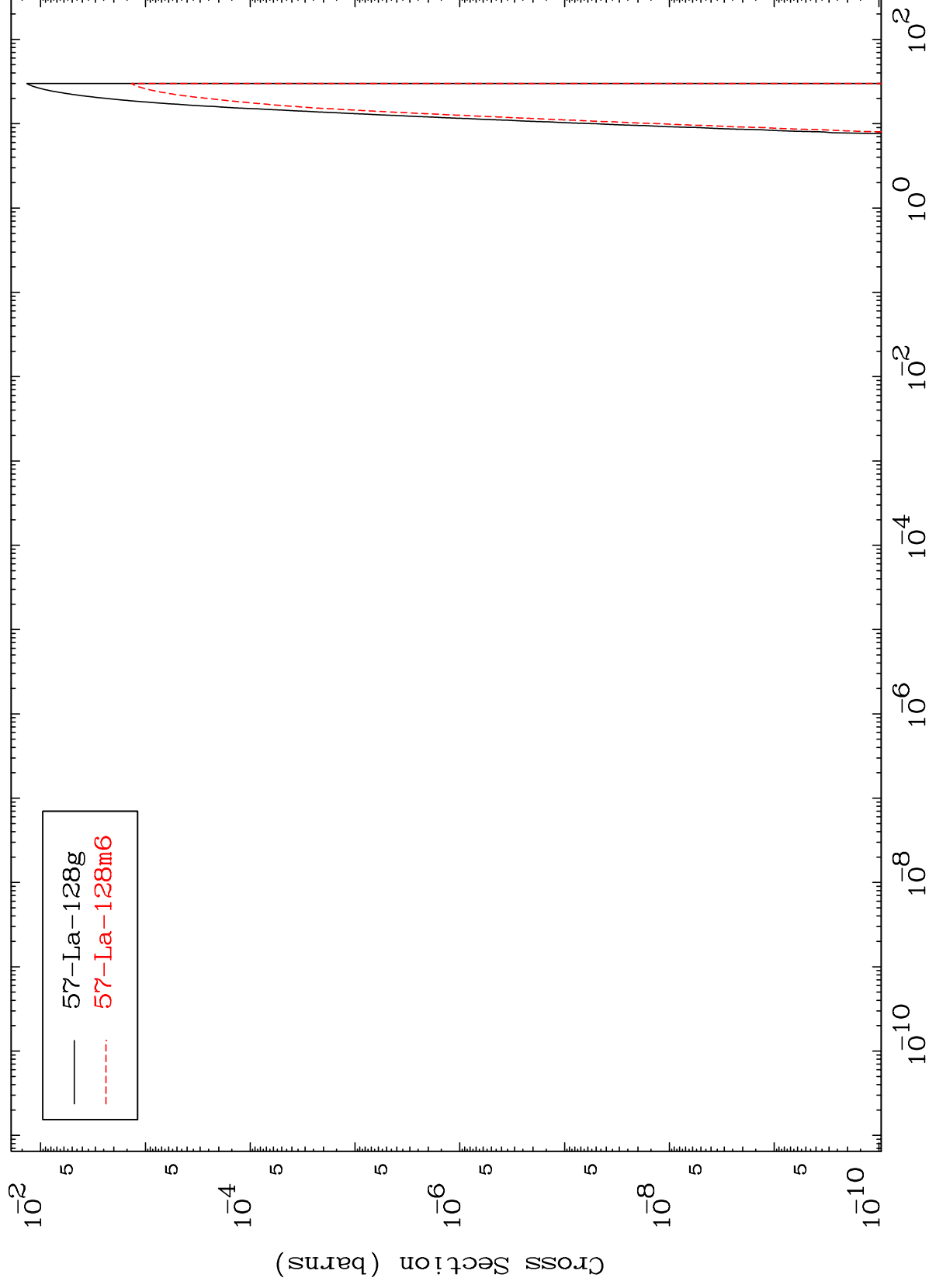


MAT 5892

(n,He-3)

59-Pr-130

Radionuclide Production Cross Section

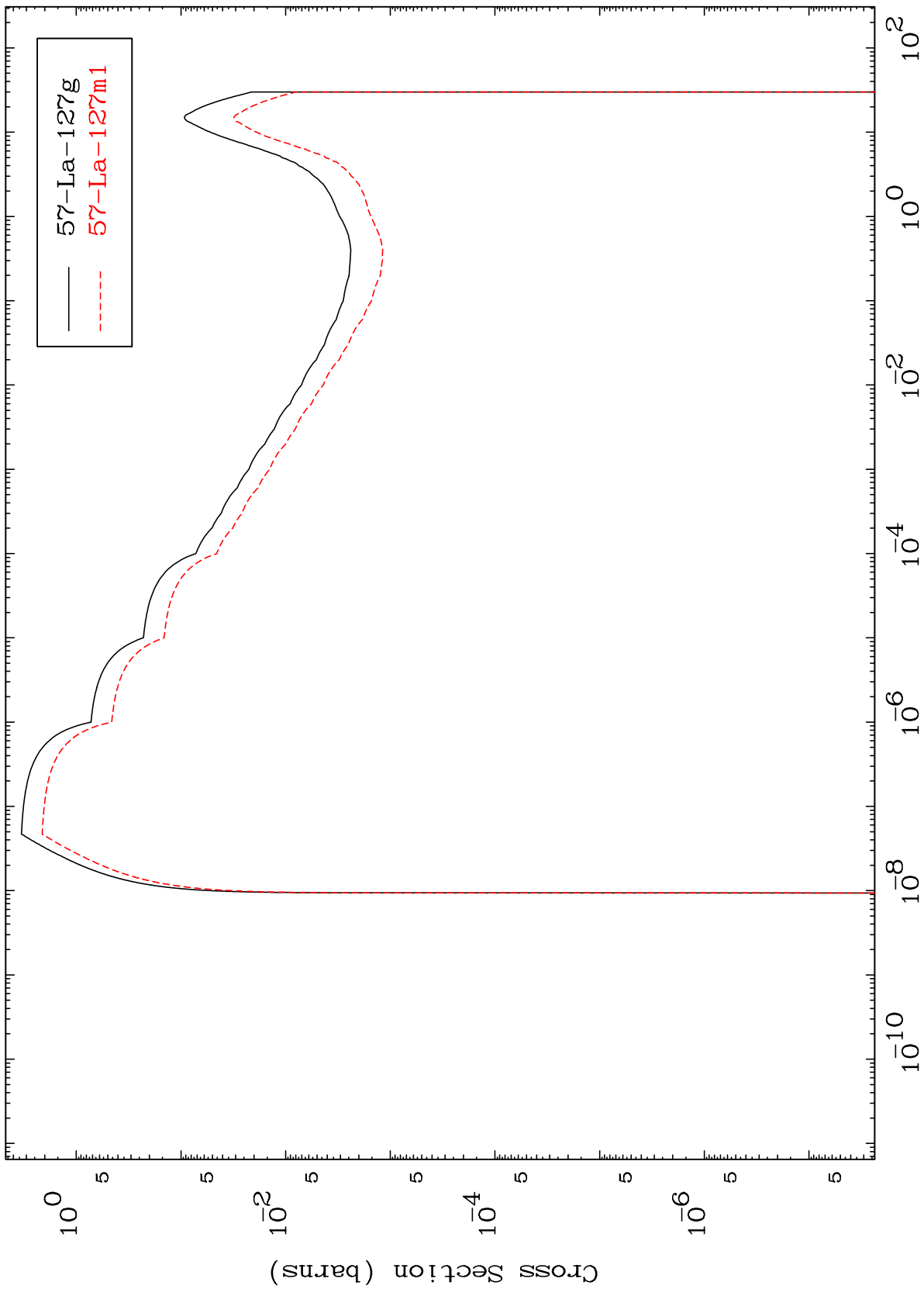


92

Incident Energy (MeV)

59-Pr-130

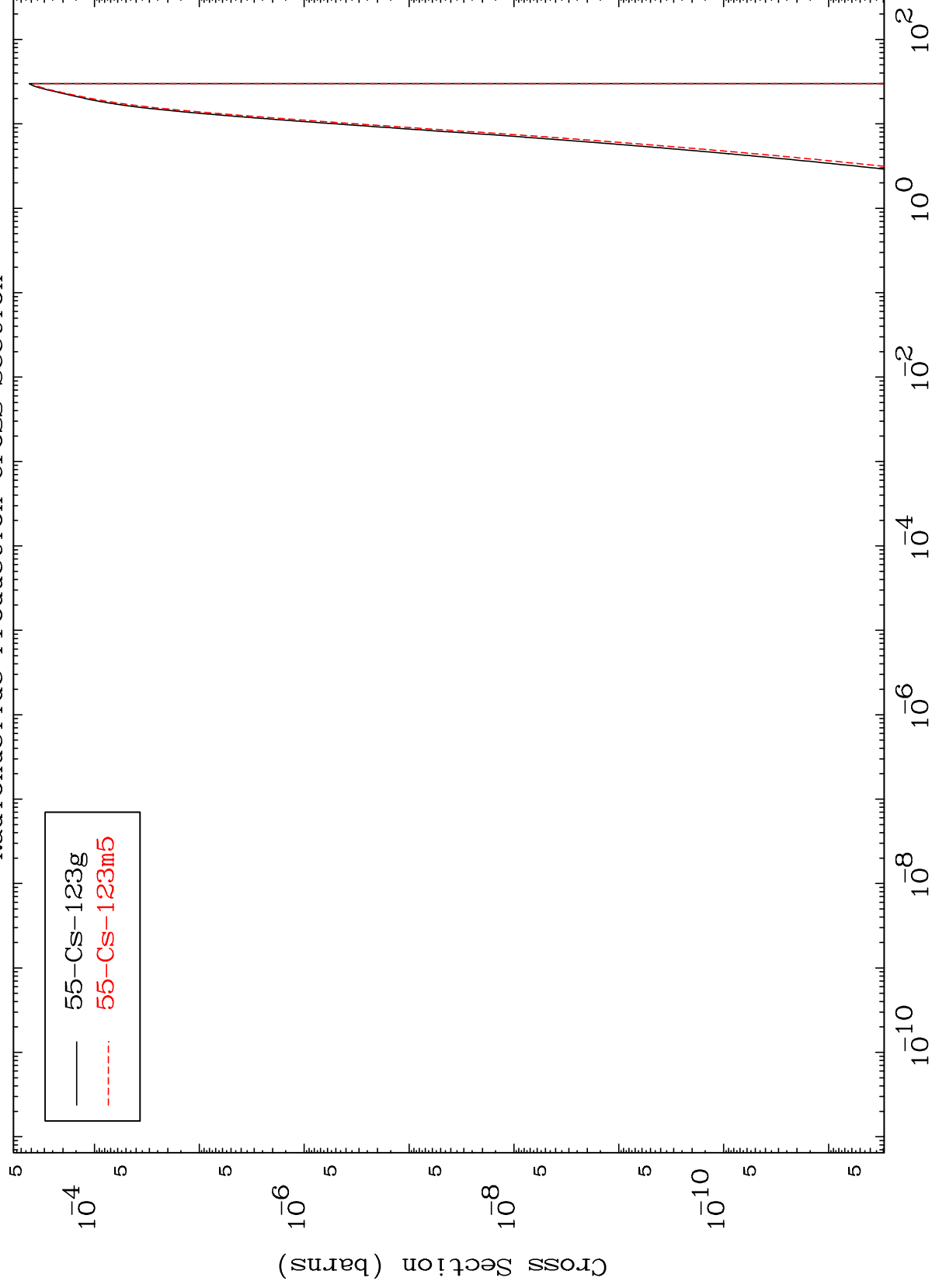
(n, α)
Radionuclide Production Cross Section



MAT 5892

59-Pr-130

Radionuclide Production Cross Section
(n,2α)



94

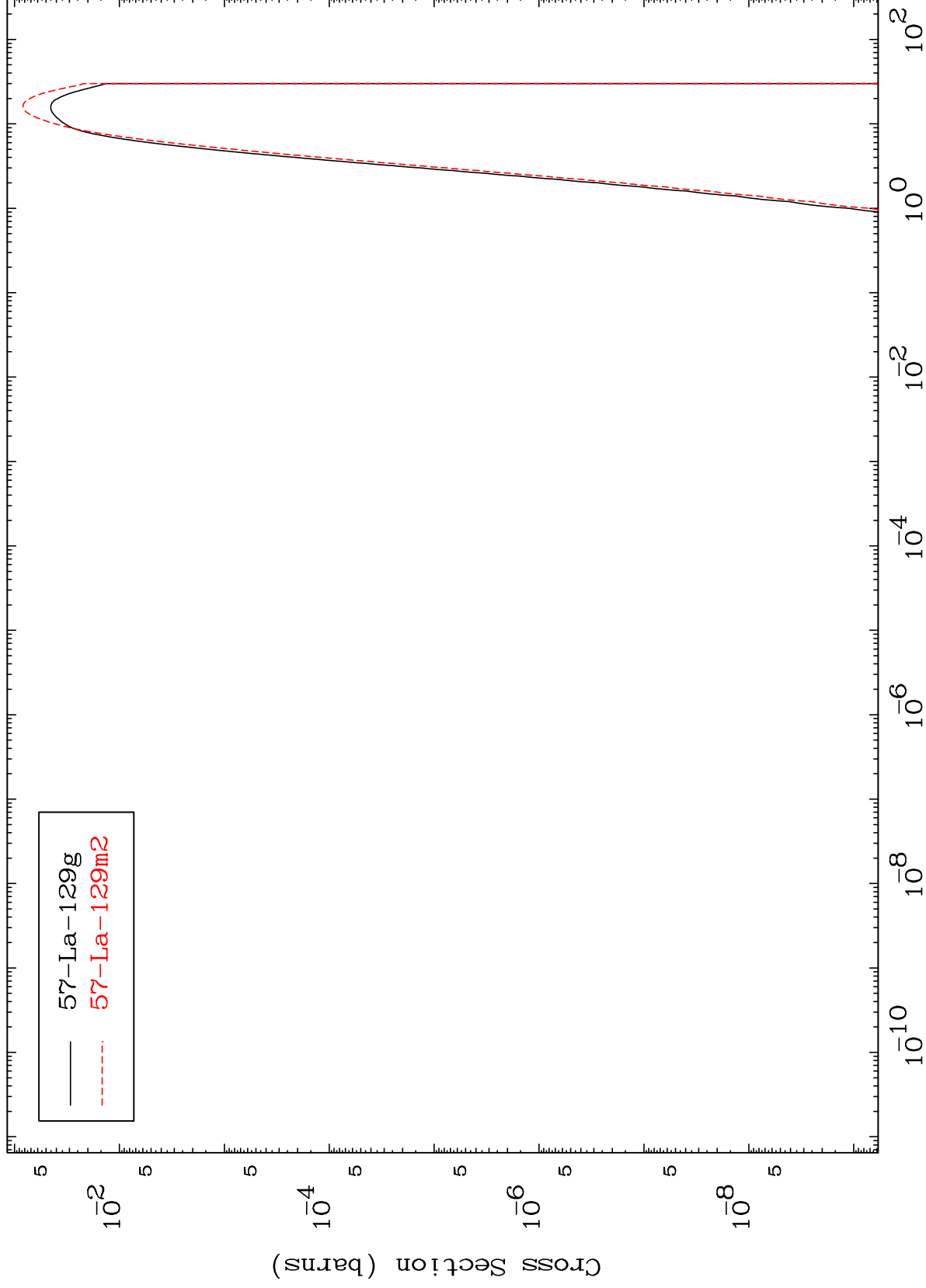
59-Pr-130

MAT 5892

(n,2p)

59-Pr-130

Radionuclide Production Cross Section



95

Incident Energy (MeV)

59-Pr-130

