

Program EVALPLOT
(Version 2021-1)

by

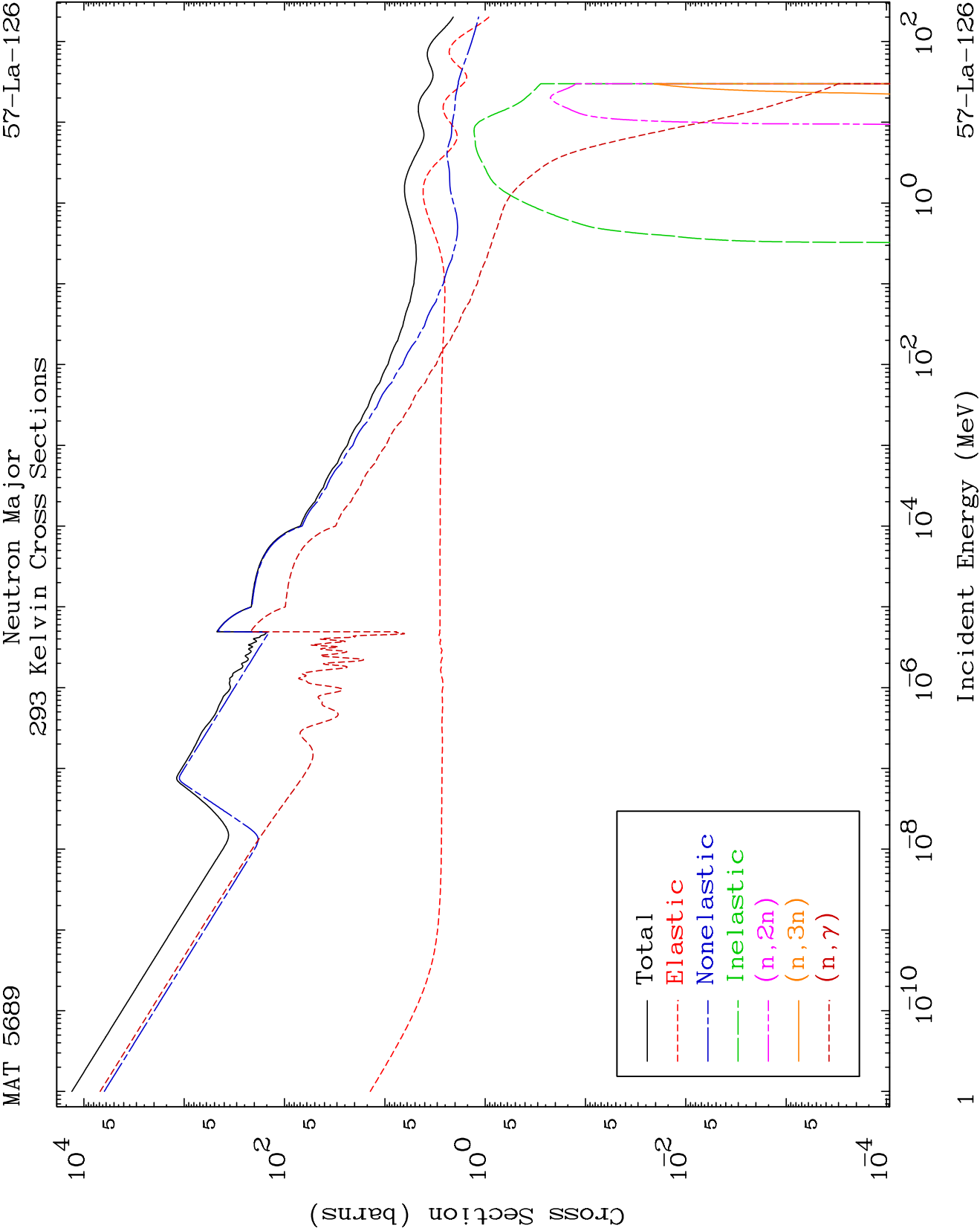
Dermott E. Cullen
(Present Contact Information)

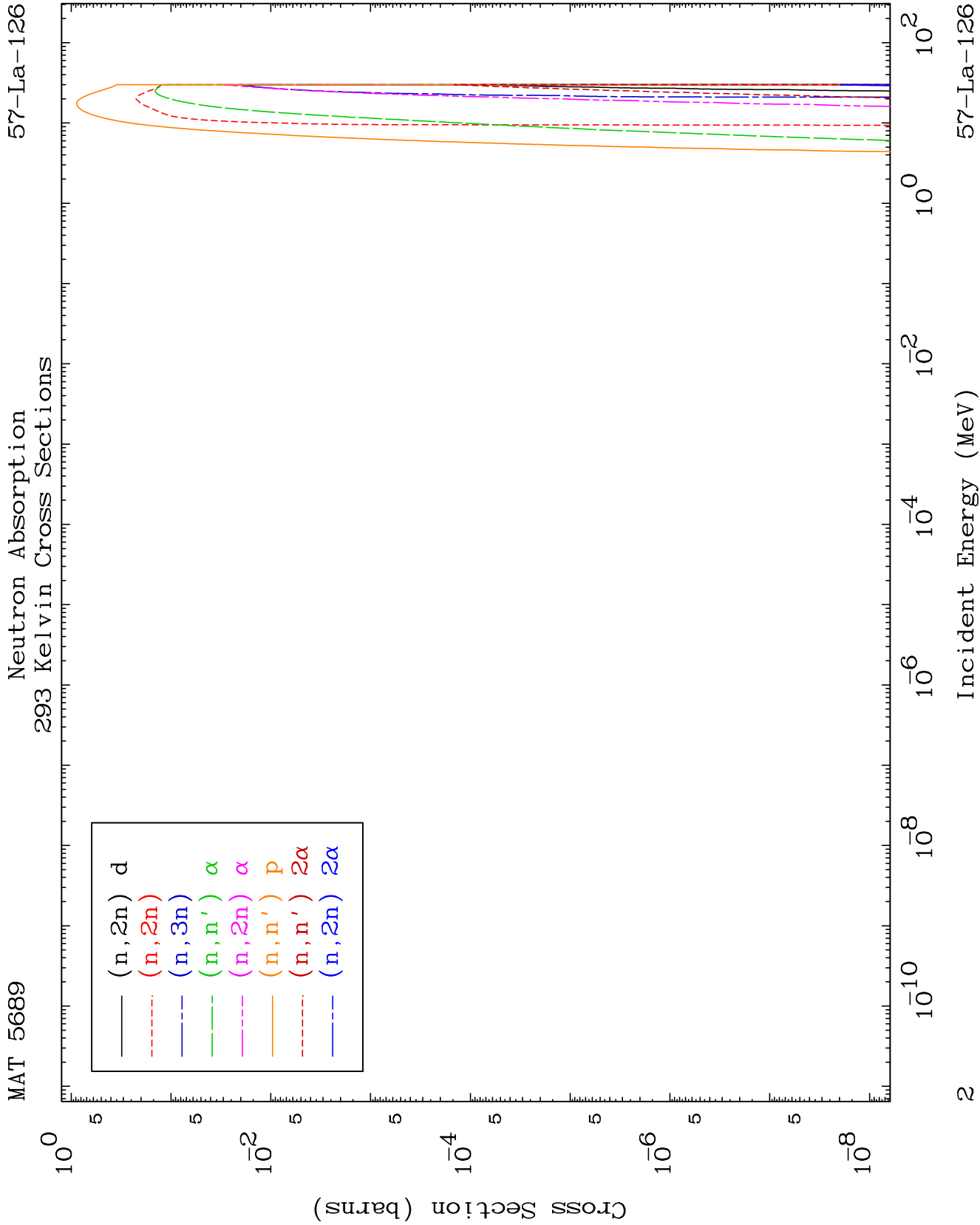
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

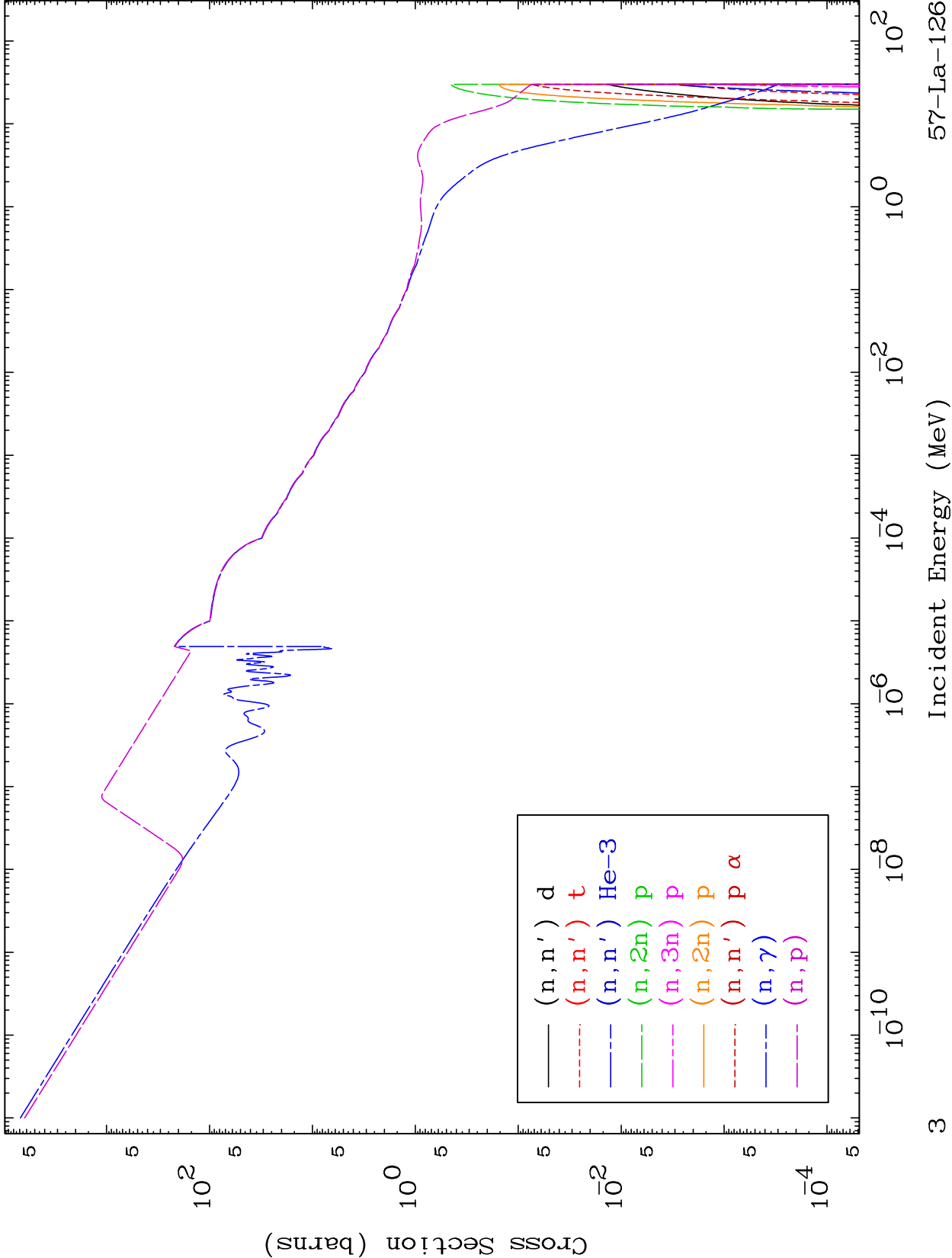
Tele: 925-443-1911

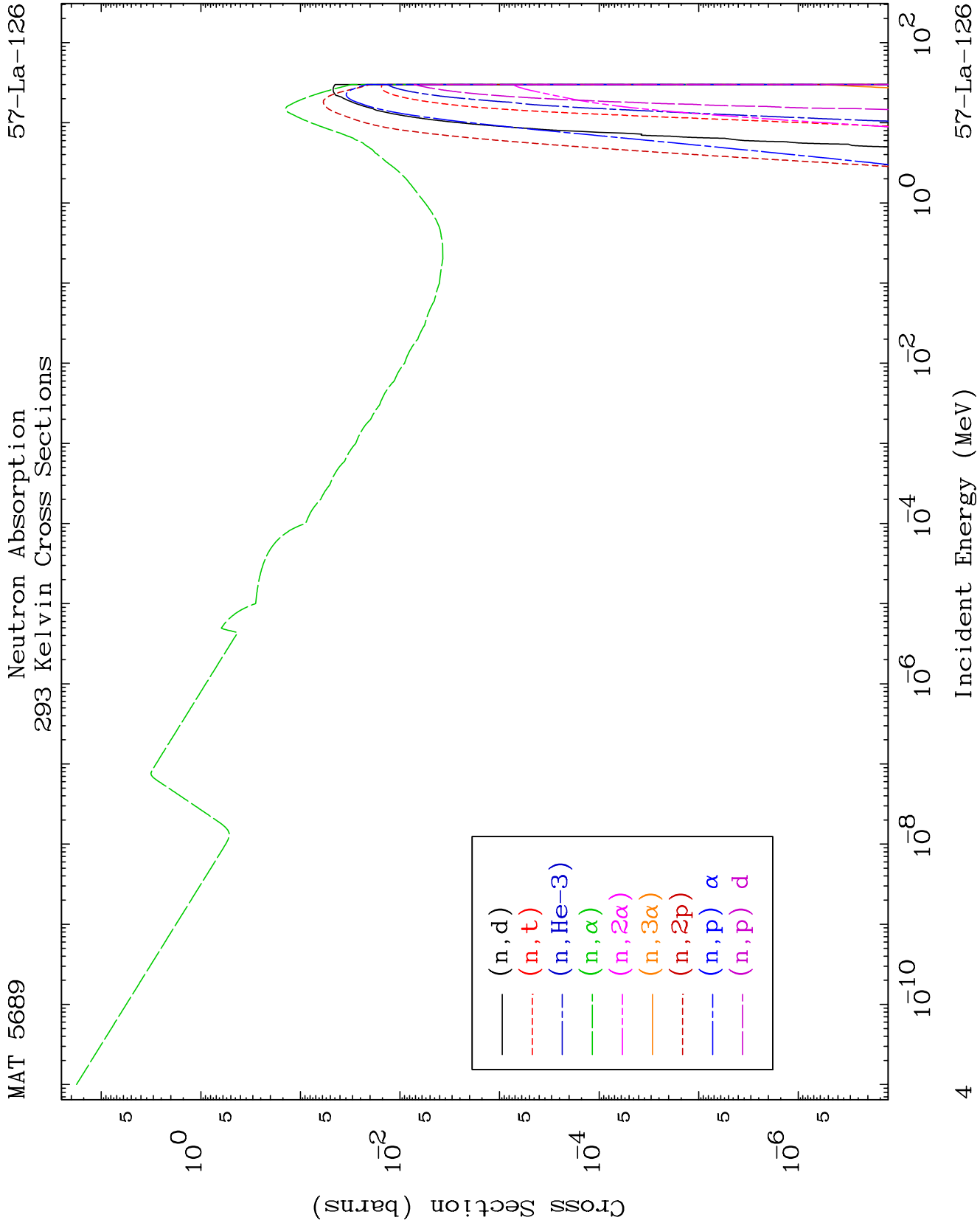
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

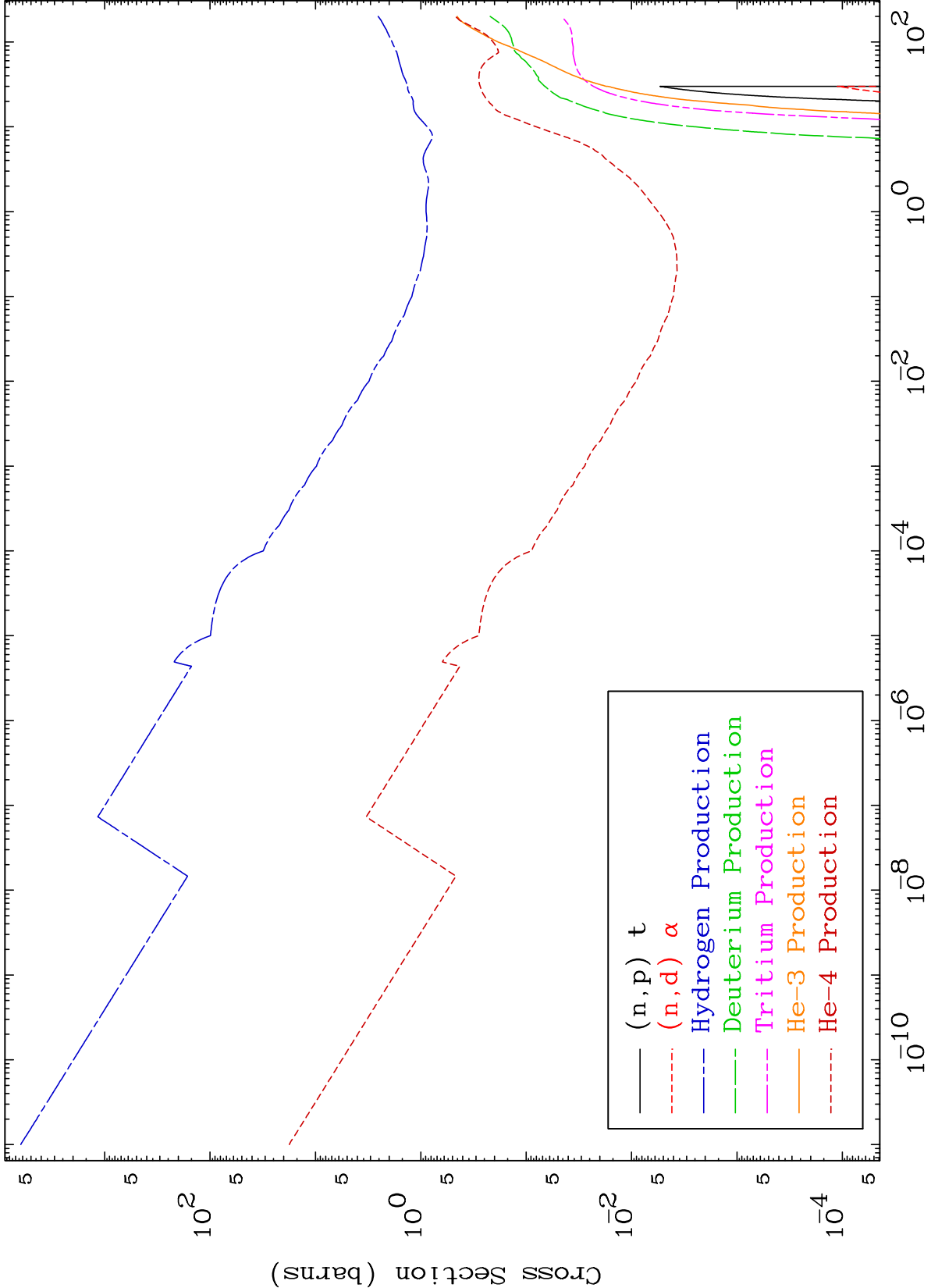
Press Mouse Button to Start

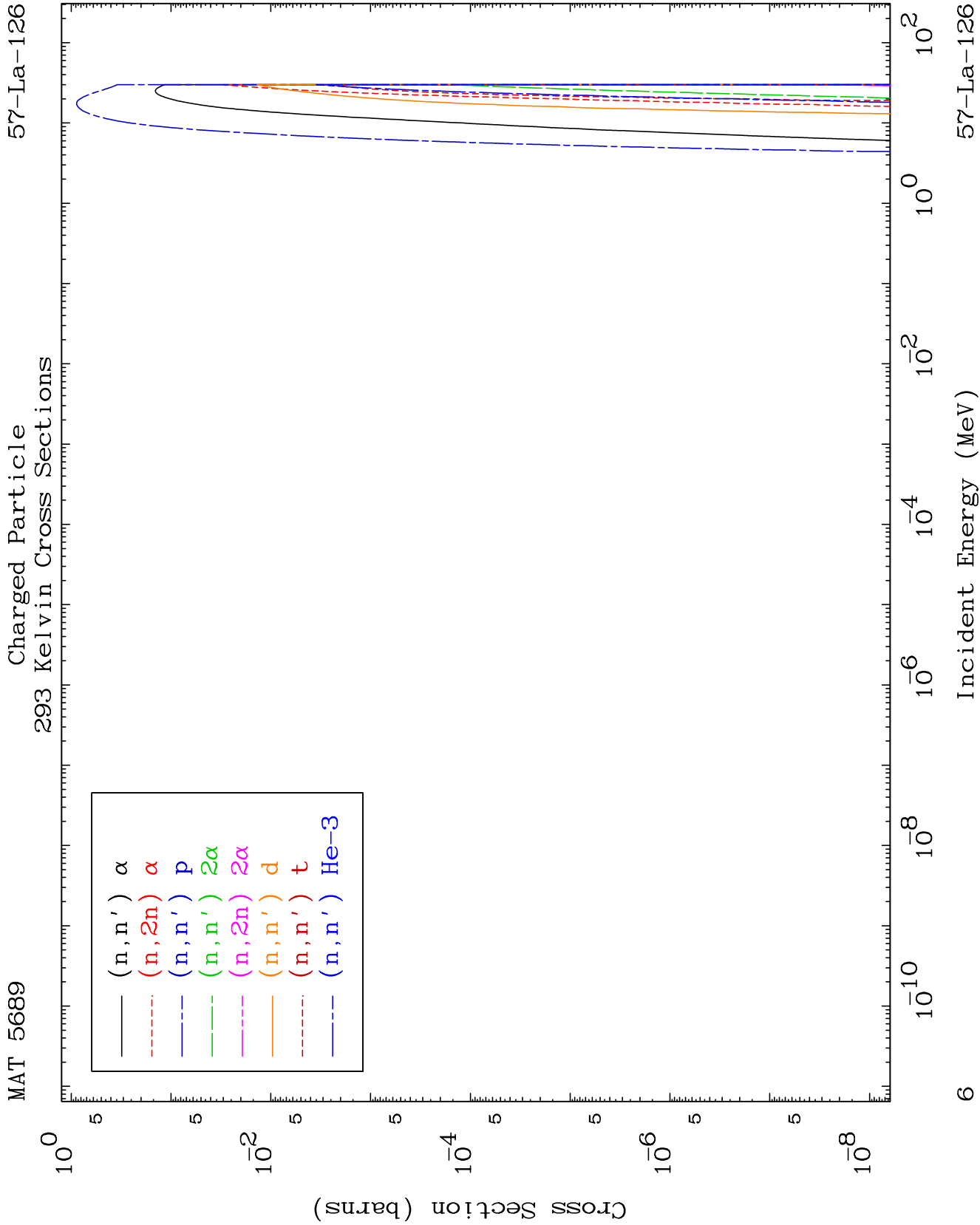








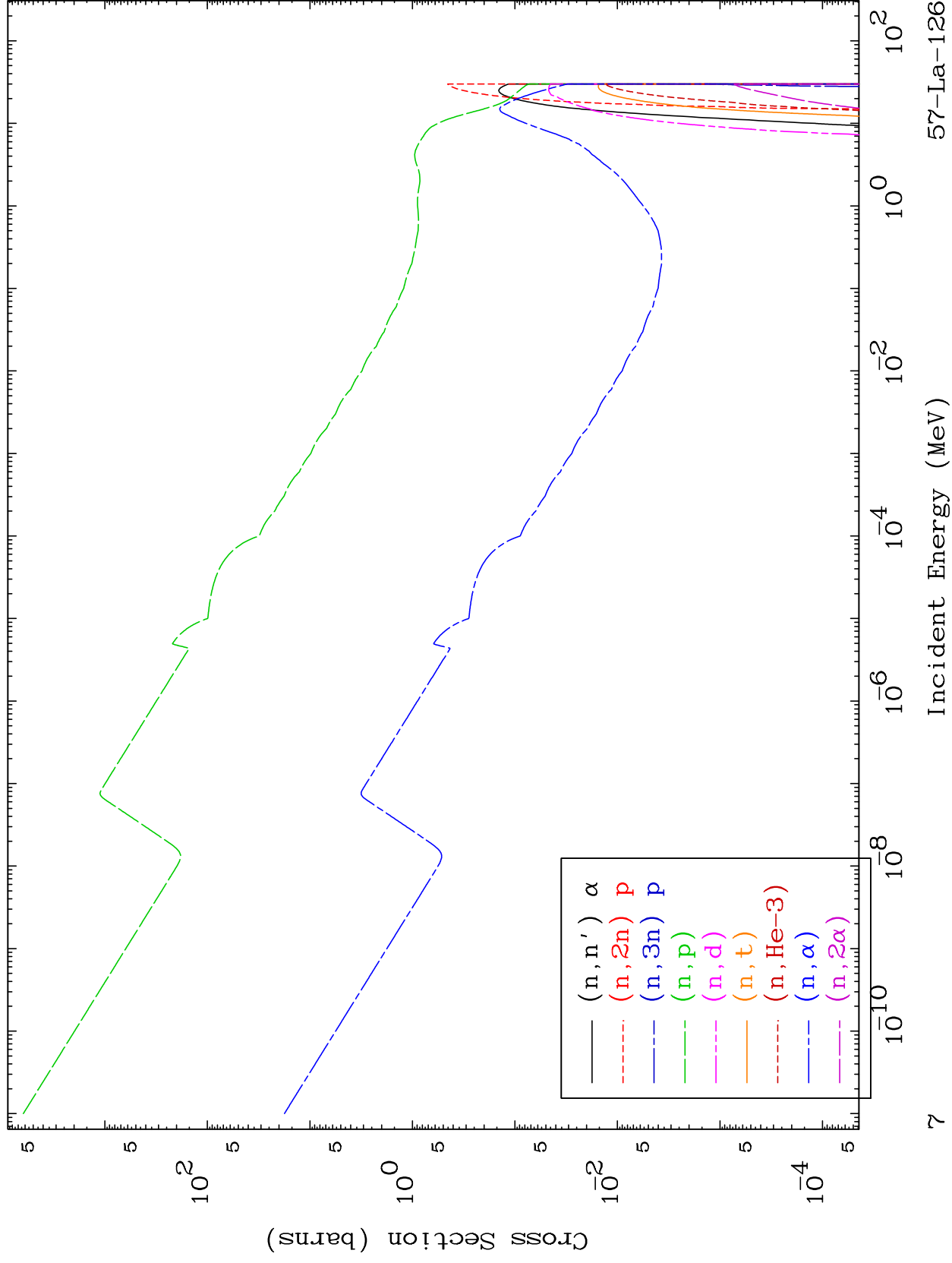


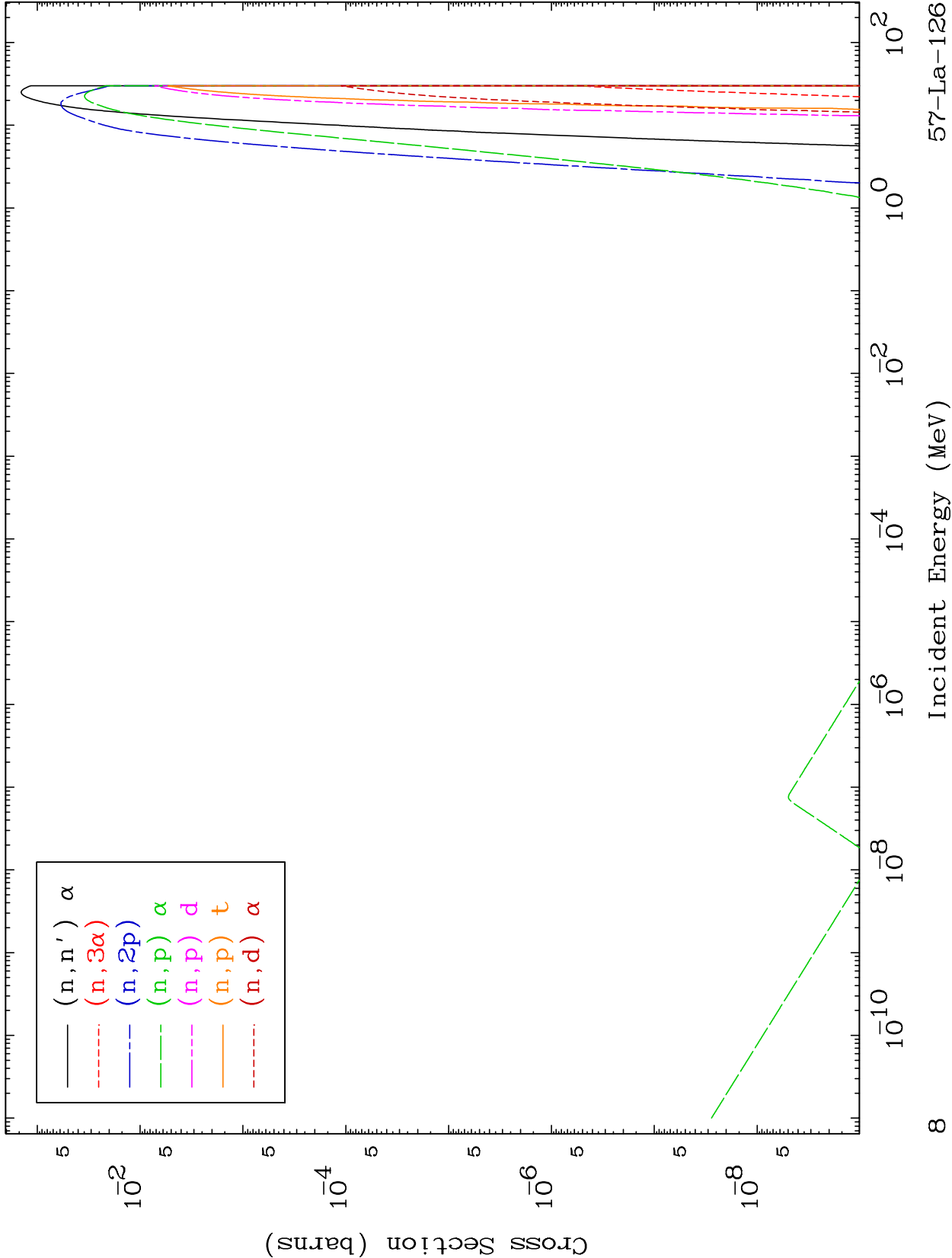


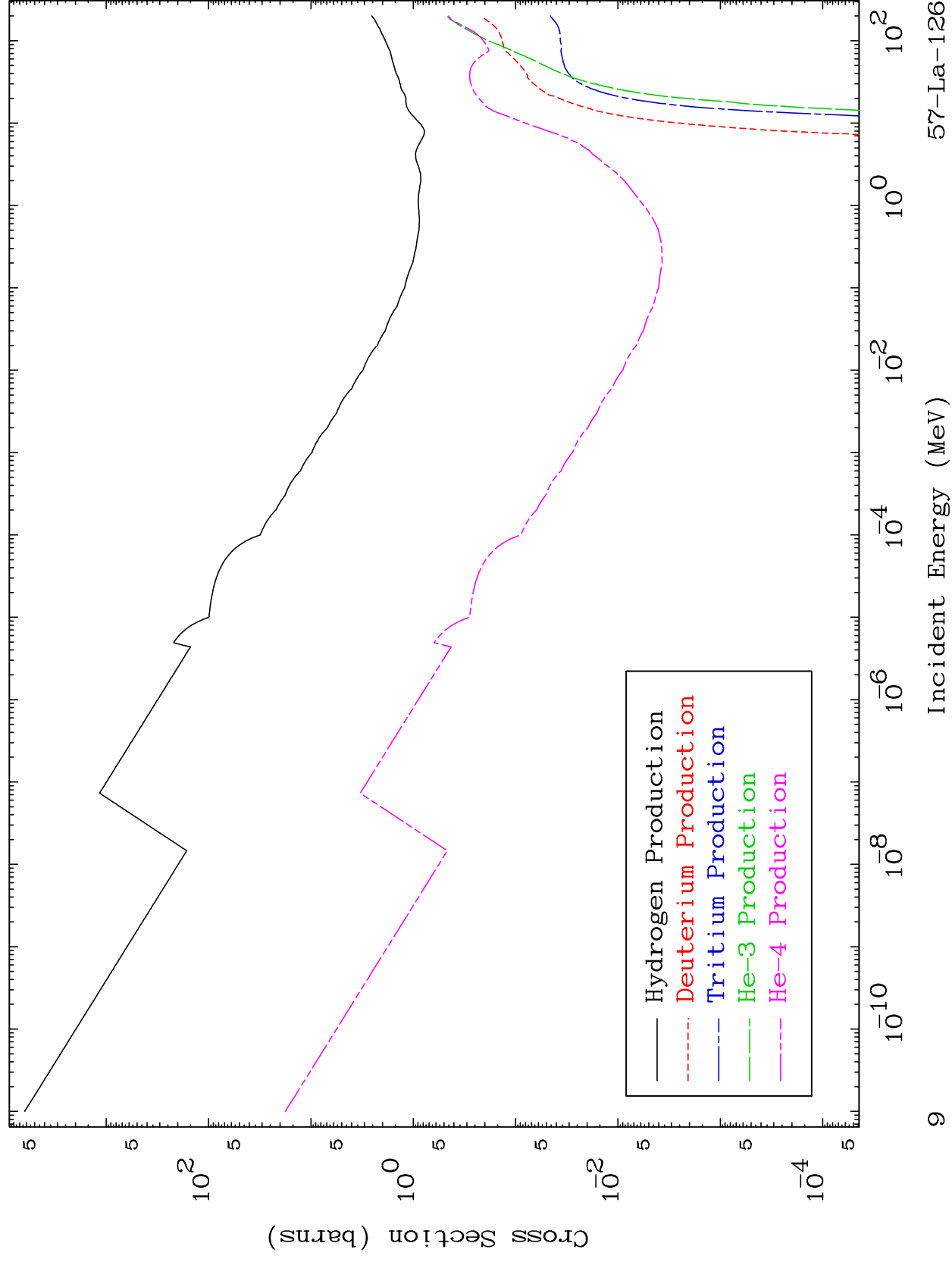
MAT 5689

Charged Particle
293 Kelvin Cross Sections

57-La-126





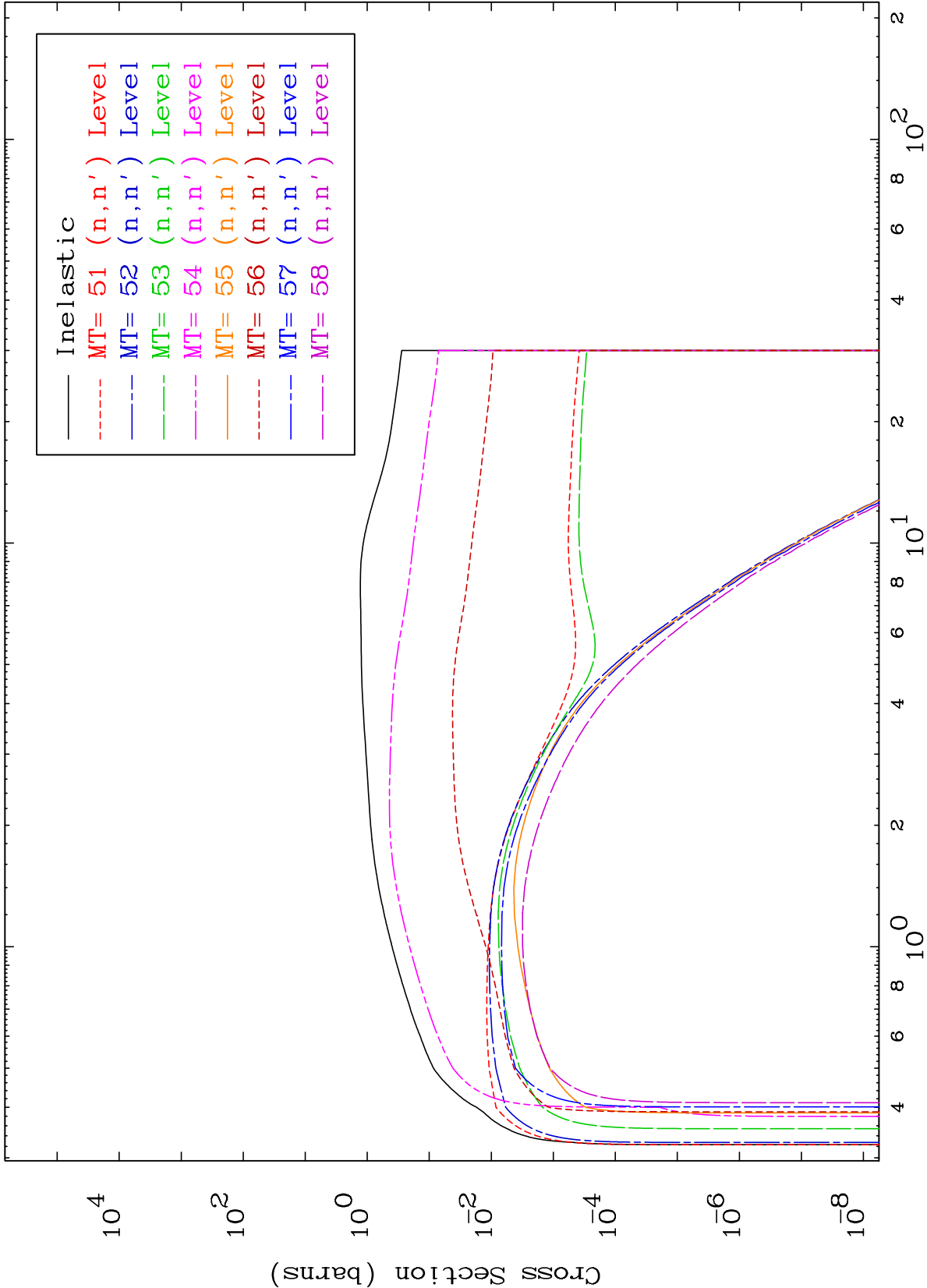


MAT 5689

(n,n') Levels

293 Kelvin Cross Sections

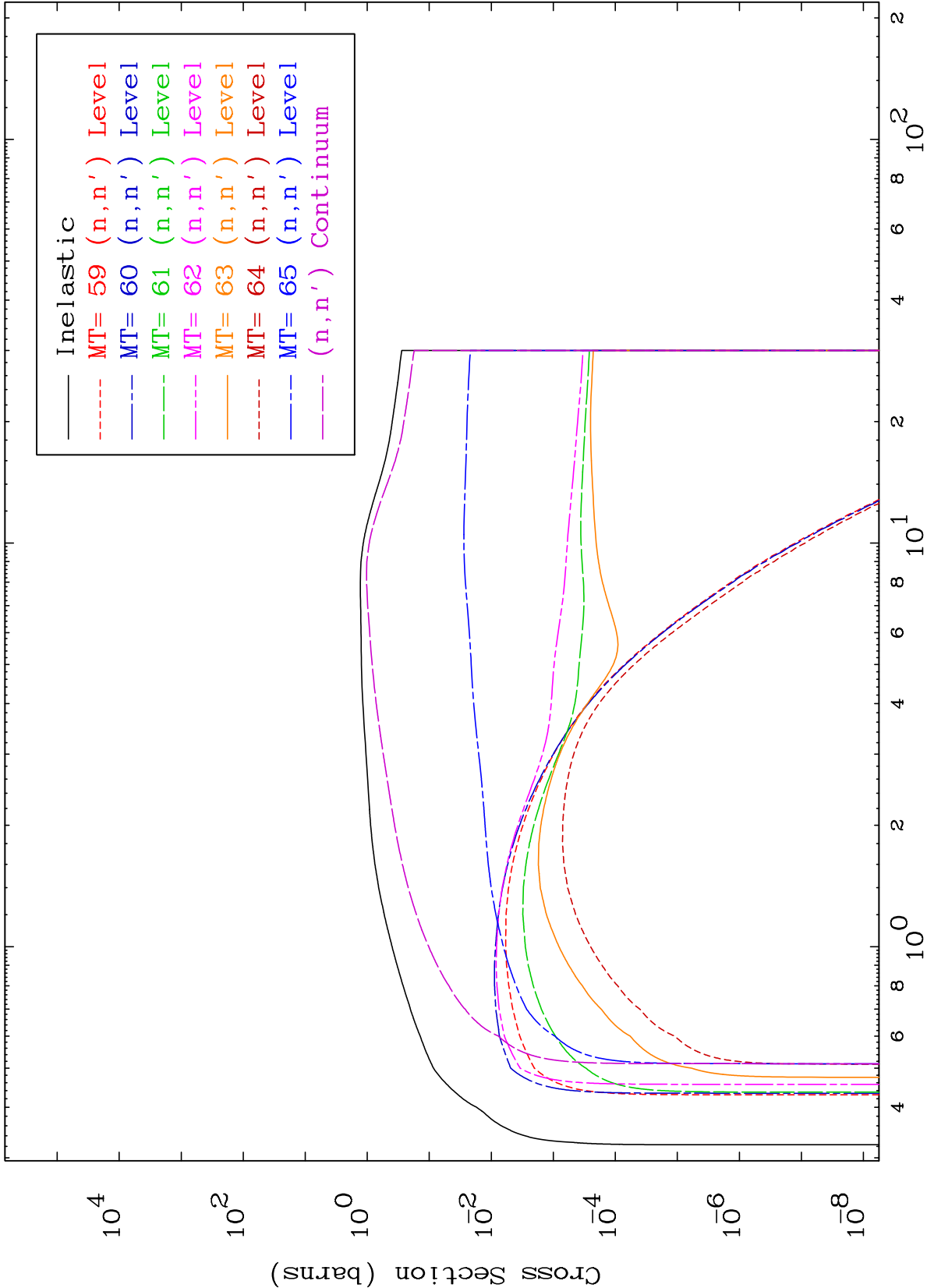
57-La-126



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Incident Energy (MeV)

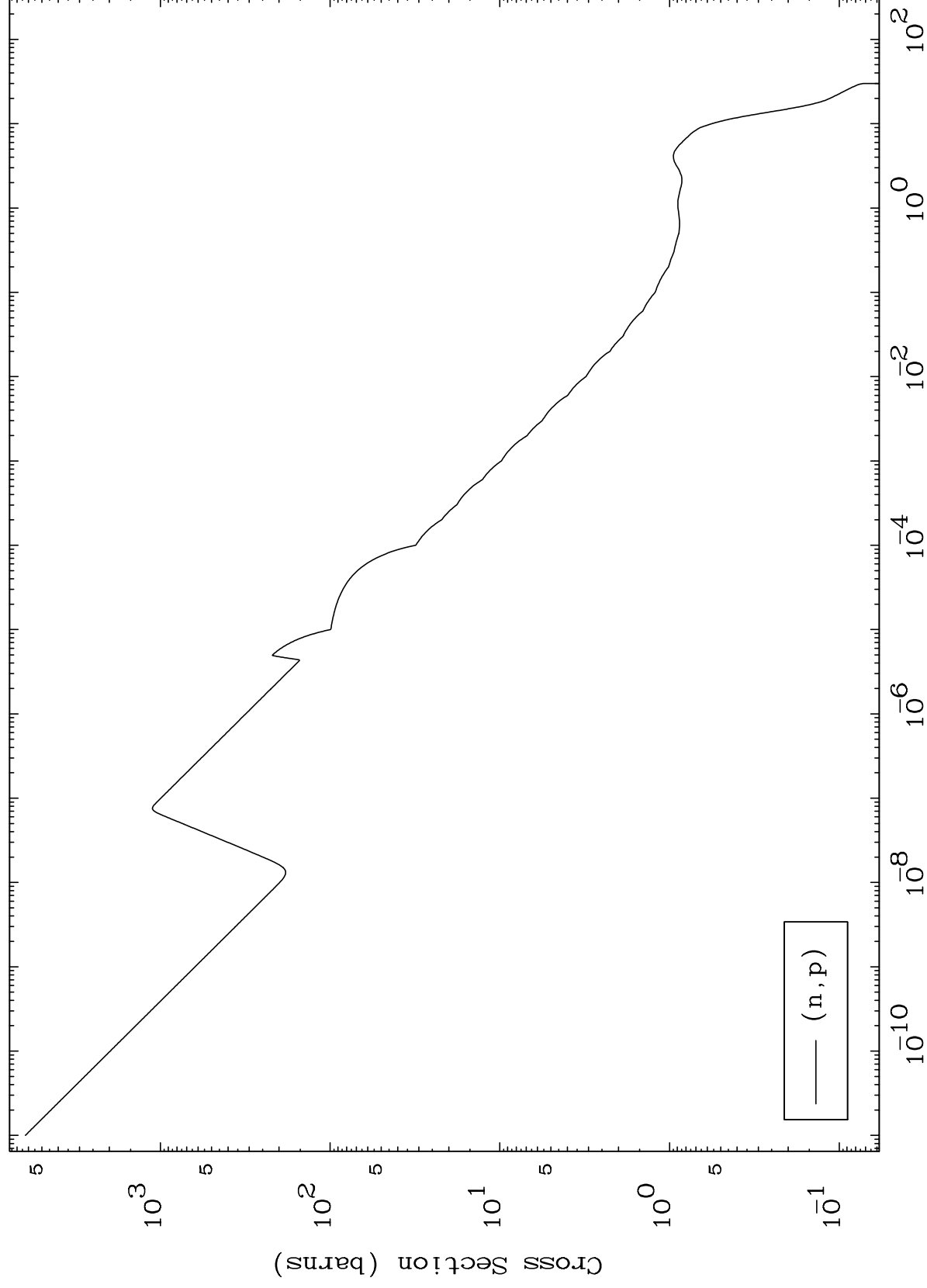
57-La-126



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(n,p) Levels
293 Kelvin Cross Sections

57-La-126



12

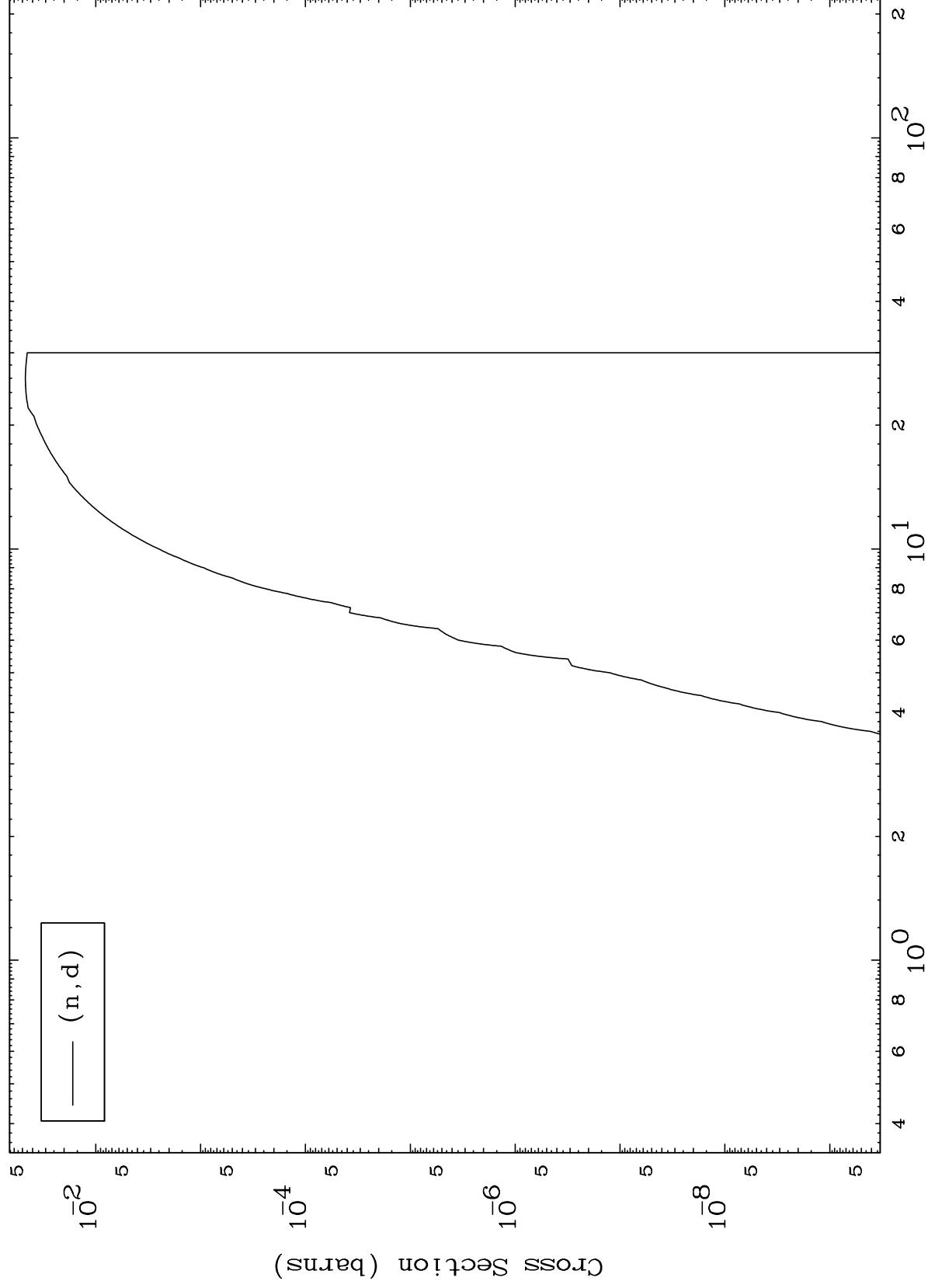
Incident Energy (MeV)

57-La-126

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(n,d) Levels
293 Kelvin Cross Sections



57-La-126

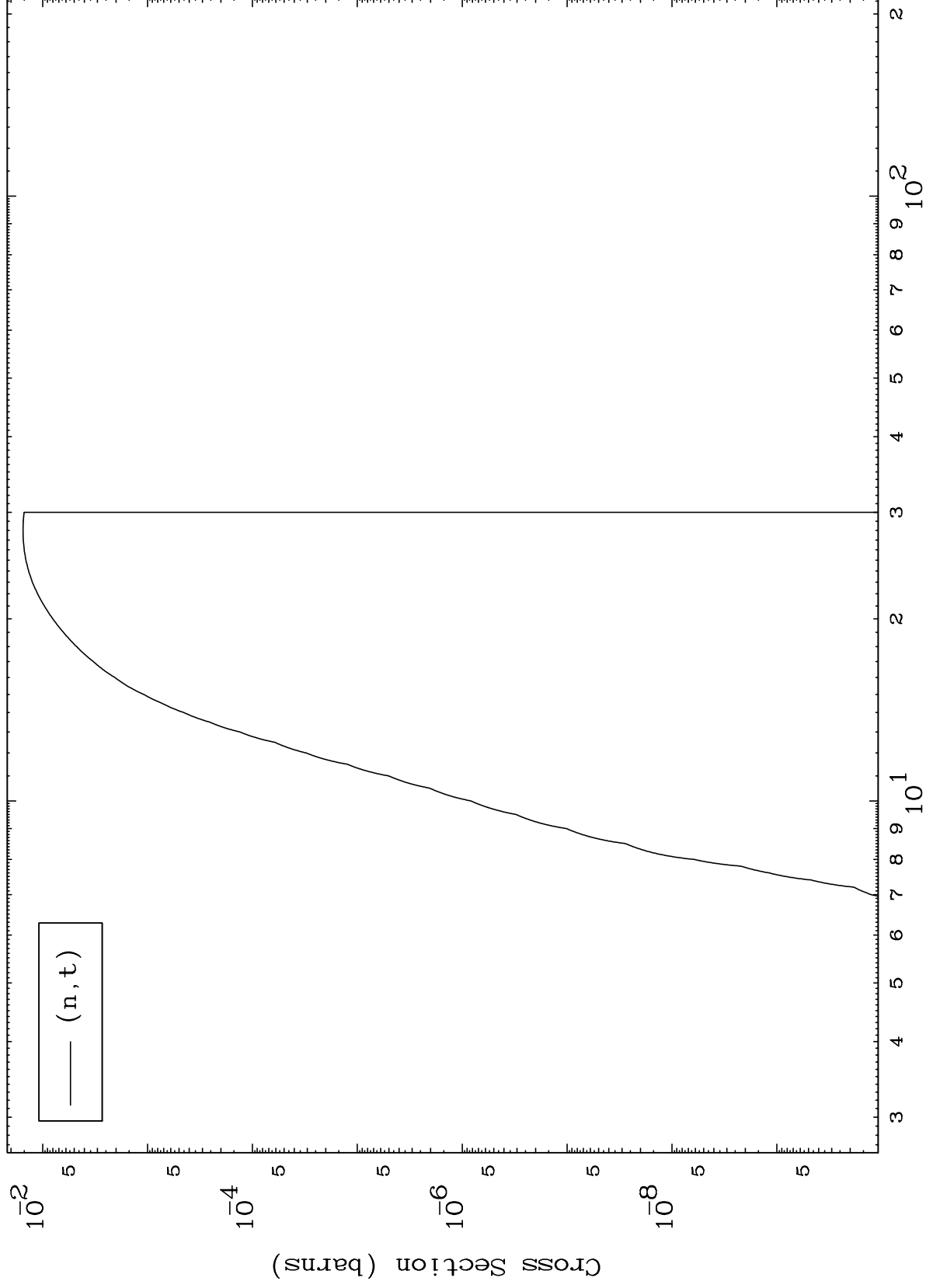
Incident Energy (MeV)

13

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(n,t) Levels
293 Kelvin Cross Sections



14

Incident Energy (MeV)

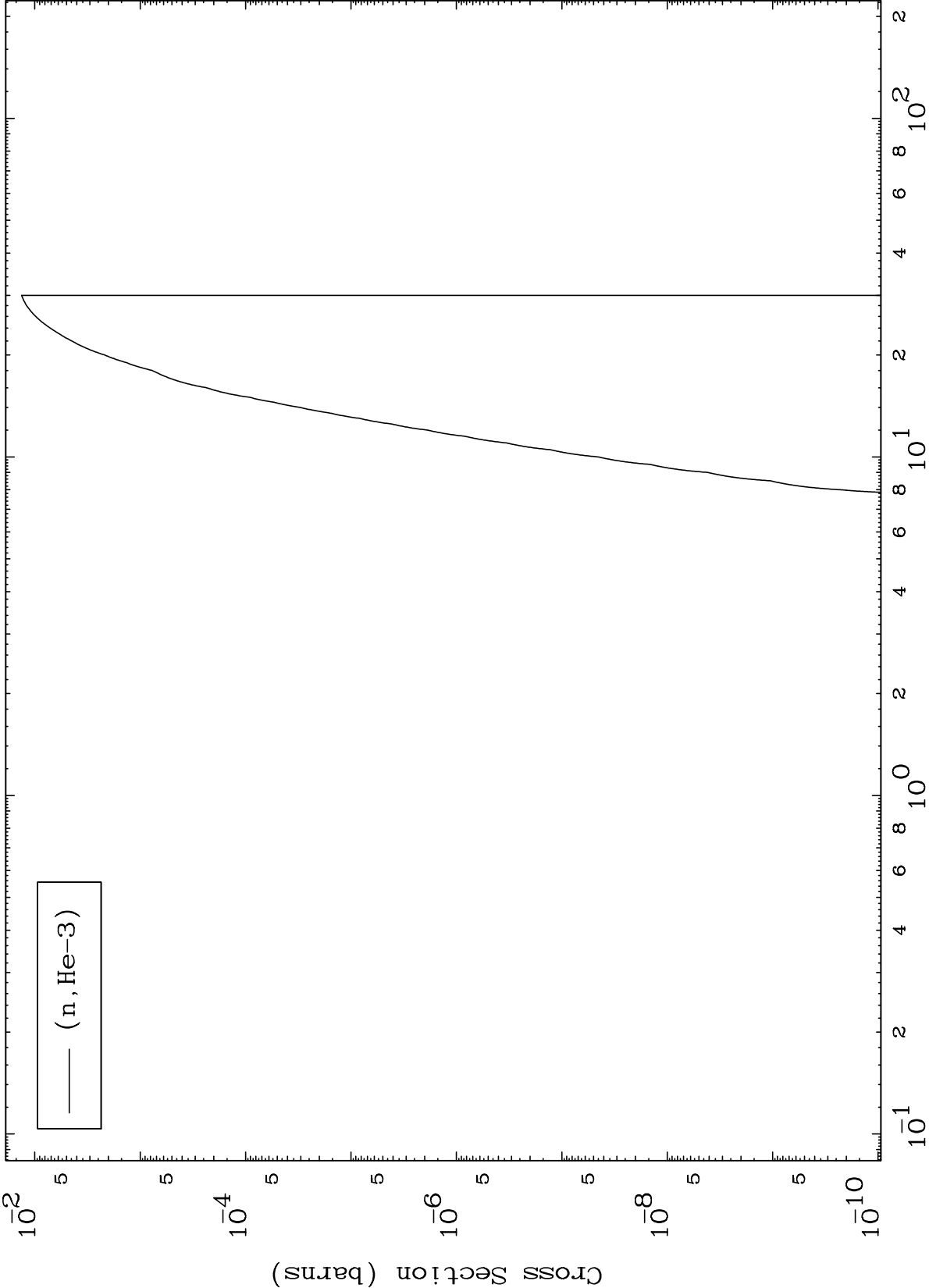
57-La-126

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(n,He3) Levels

57-La-126

293 Kelvin Cross Sections



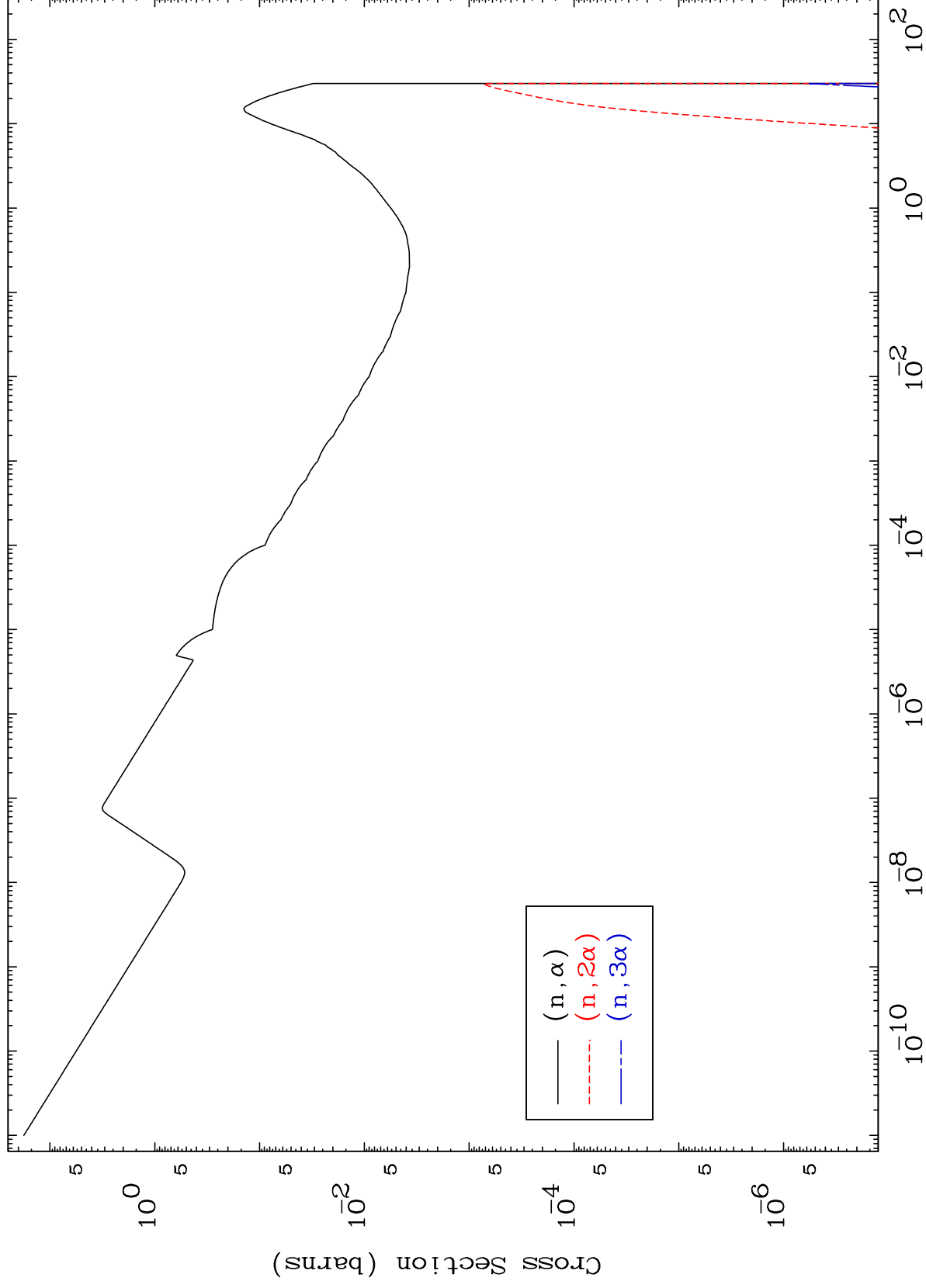
Incident Energy (MeV)

57-La-126

MAT 5689

(n, α) Levels
293 Kelvin Cross Sections

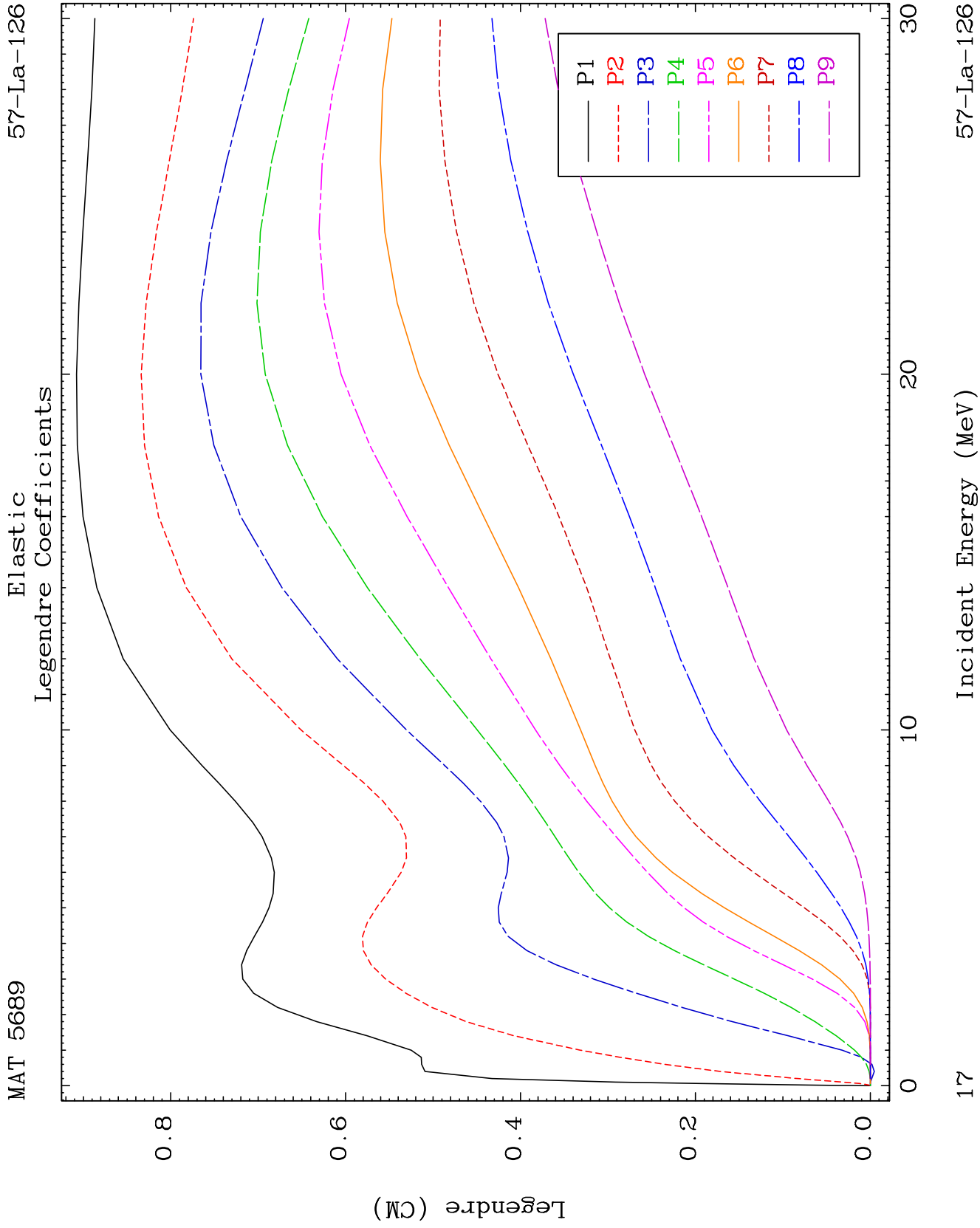
57-La-126

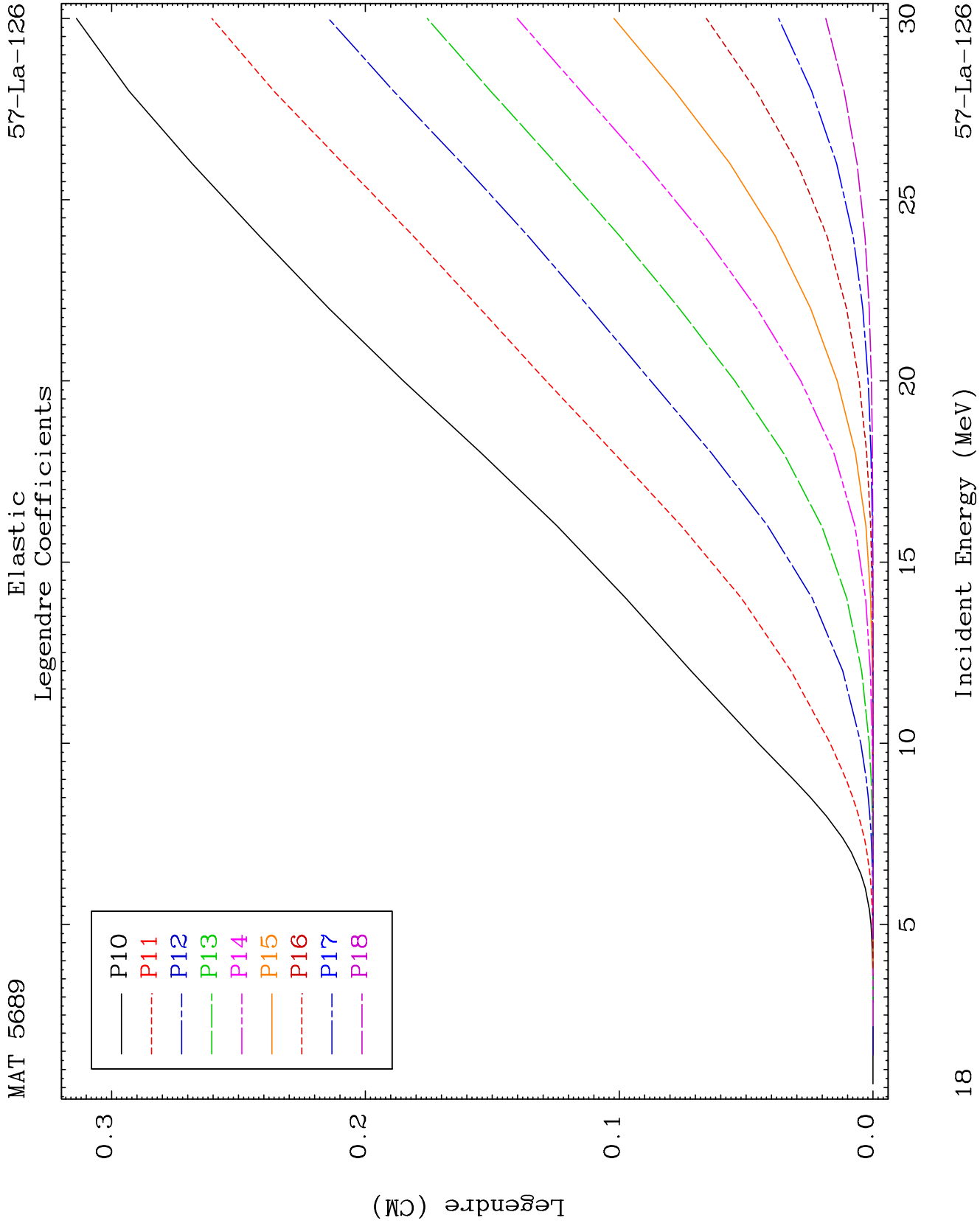


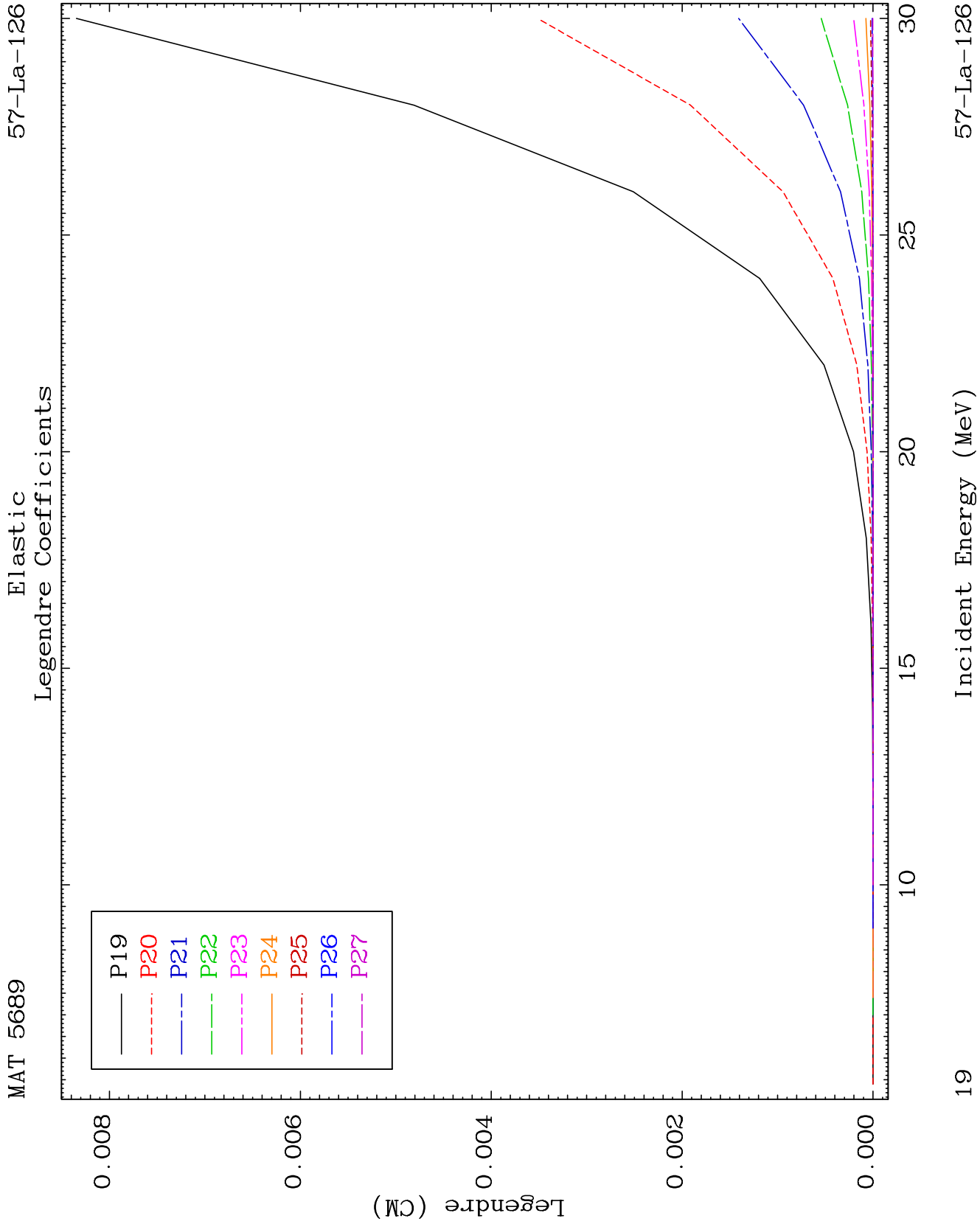
16

Incident Energy (MeV)

57-La-126



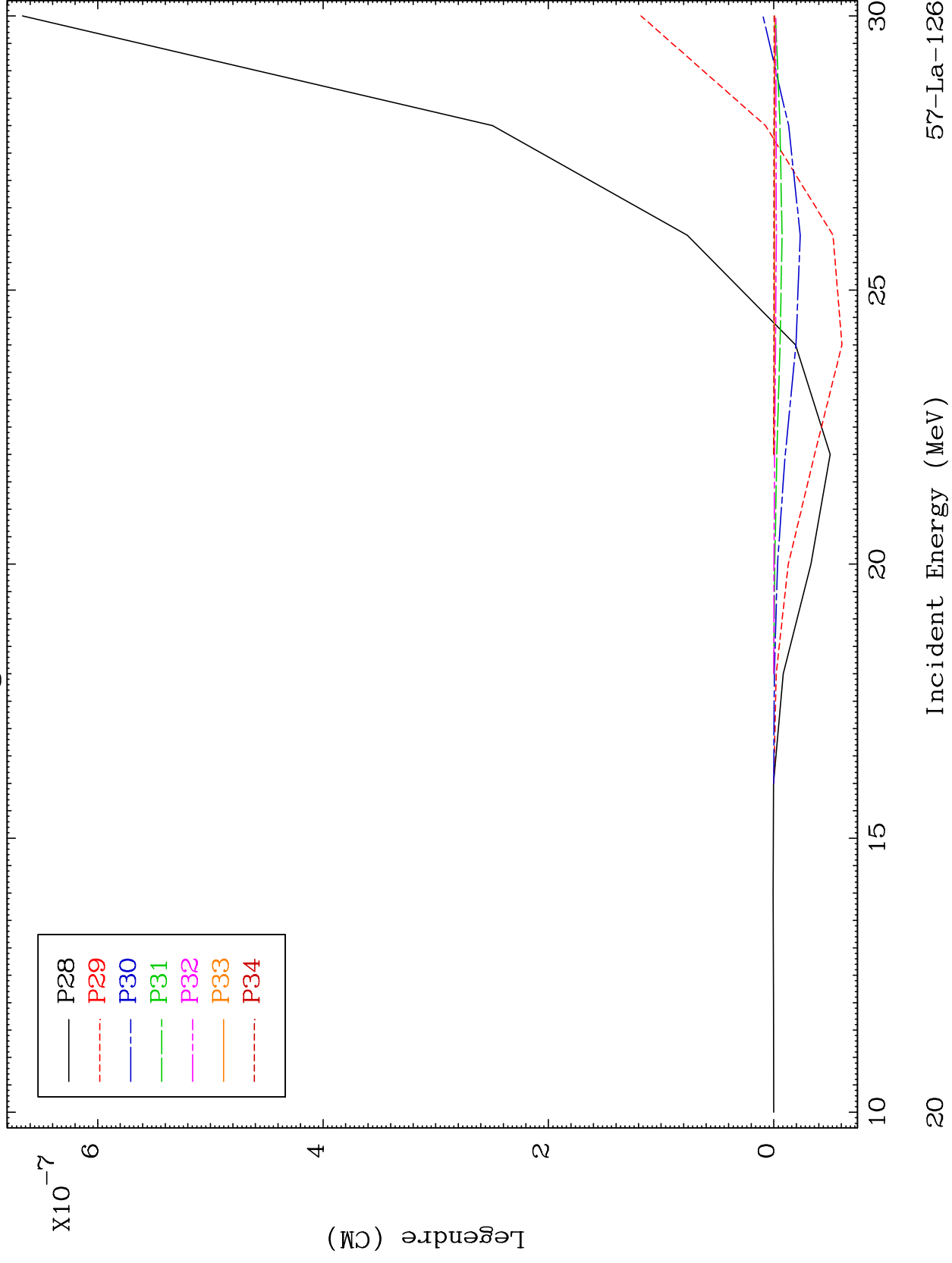




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Elastic Legendre Coefficients

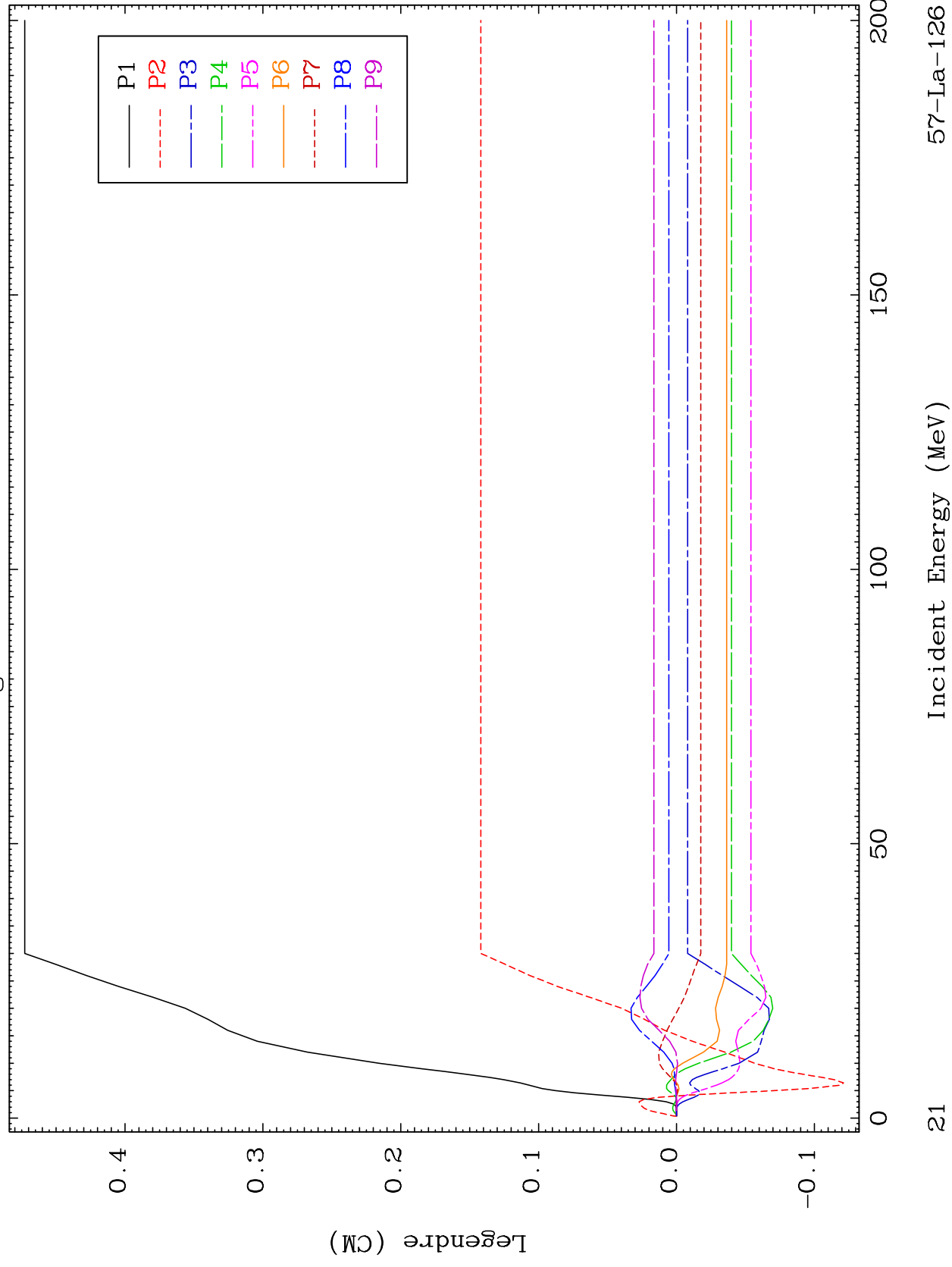
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MAT 5689

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

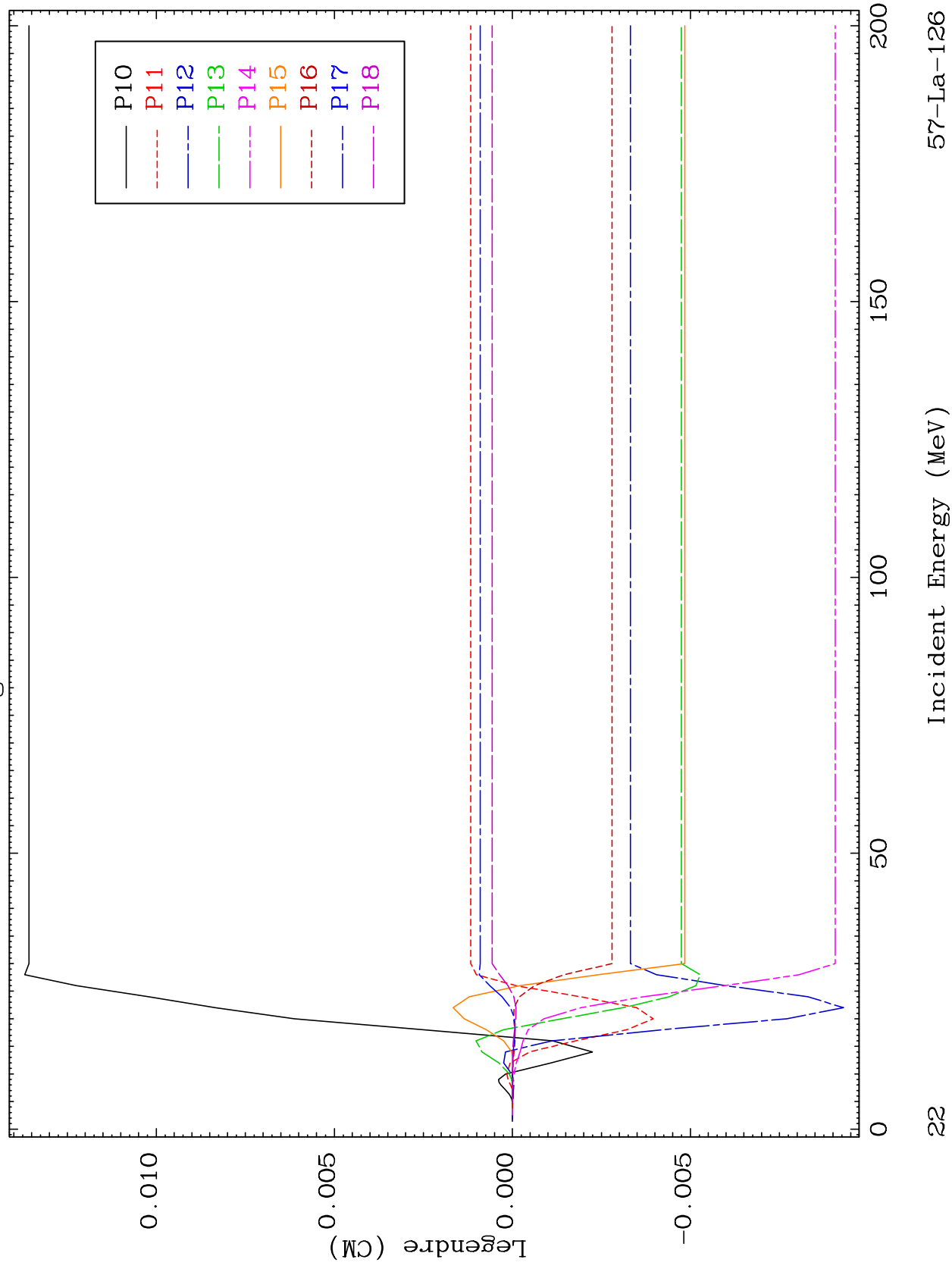
57-La-126

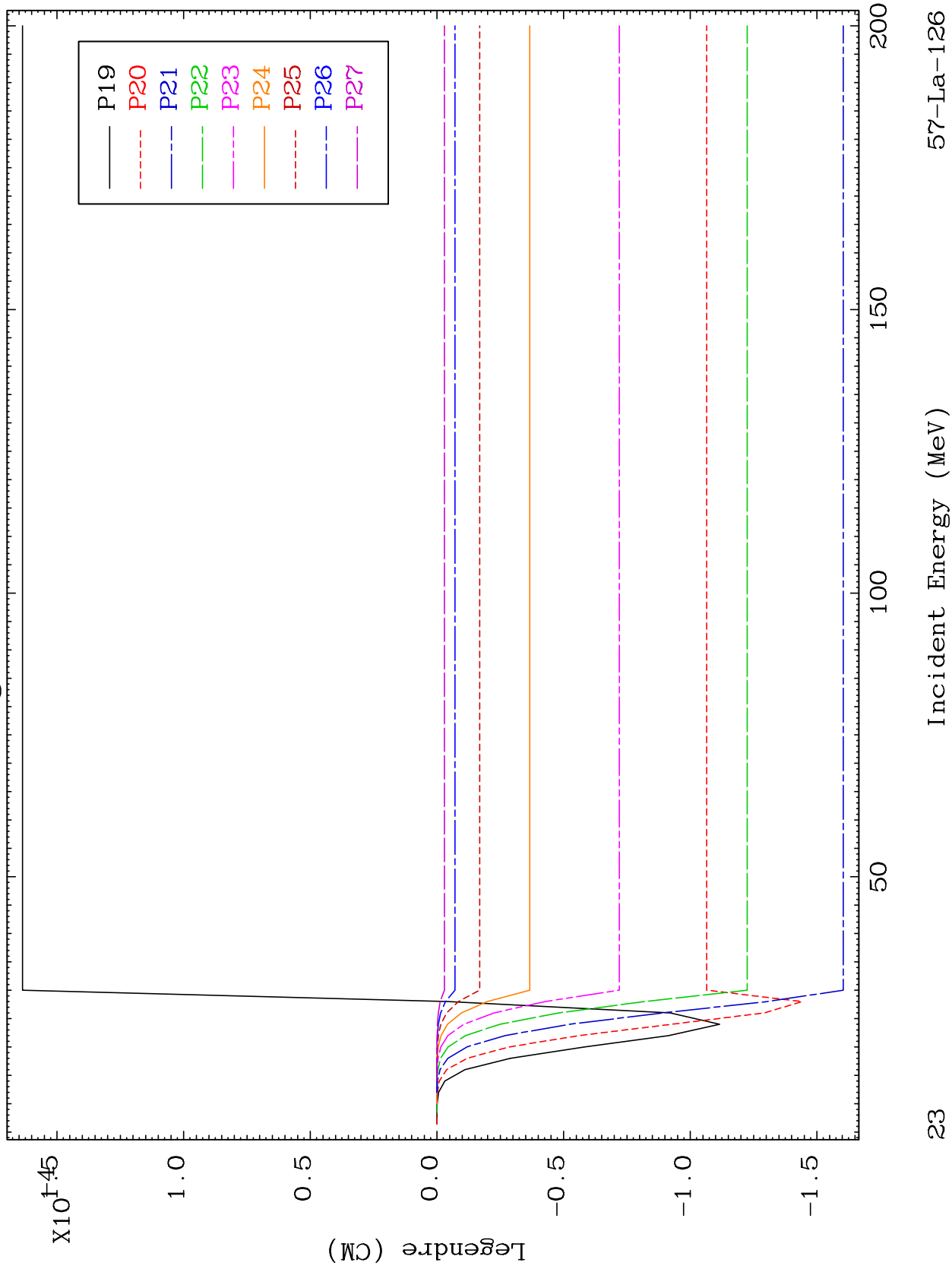


MAT 5689

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

57-La-126

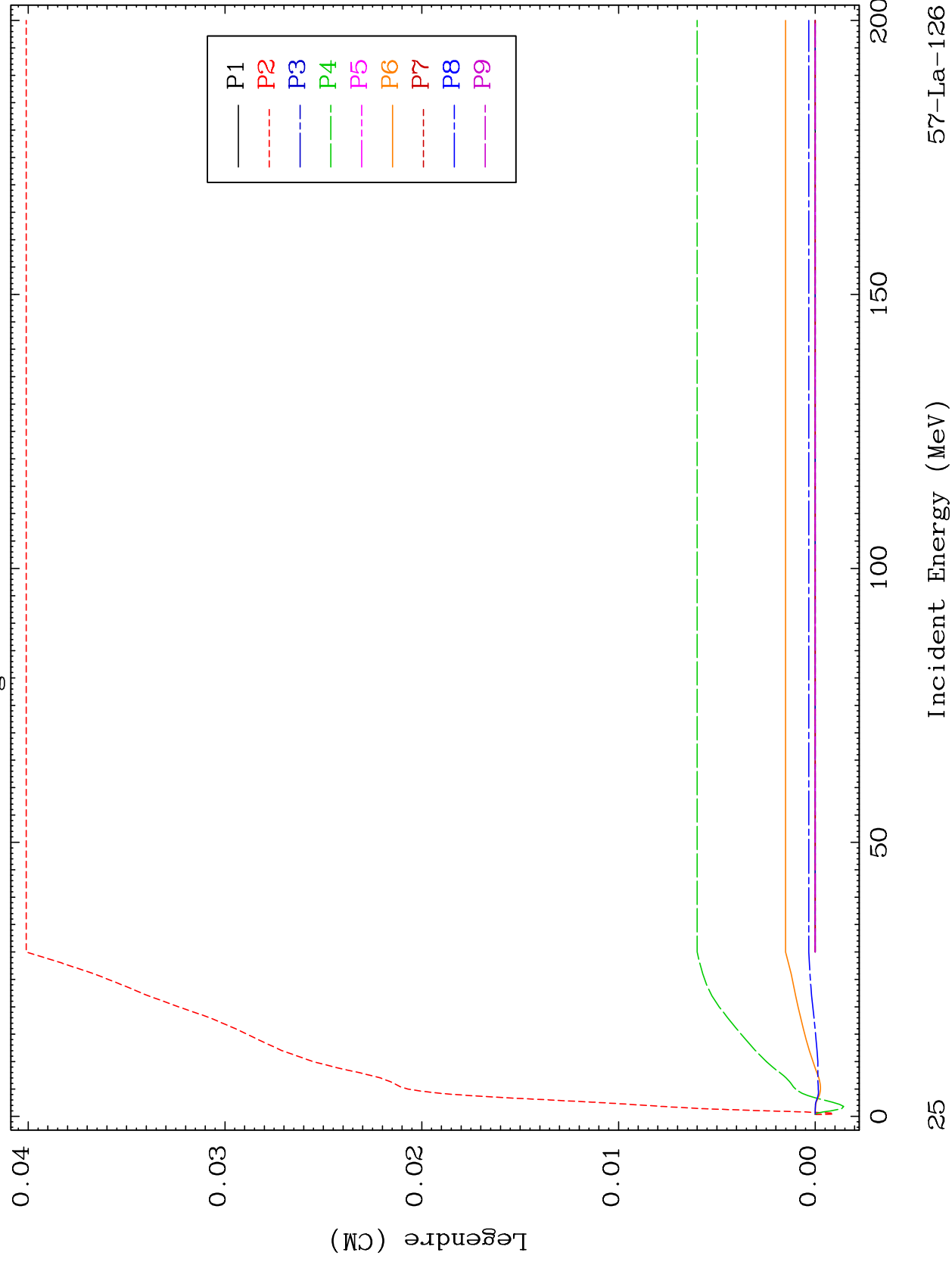


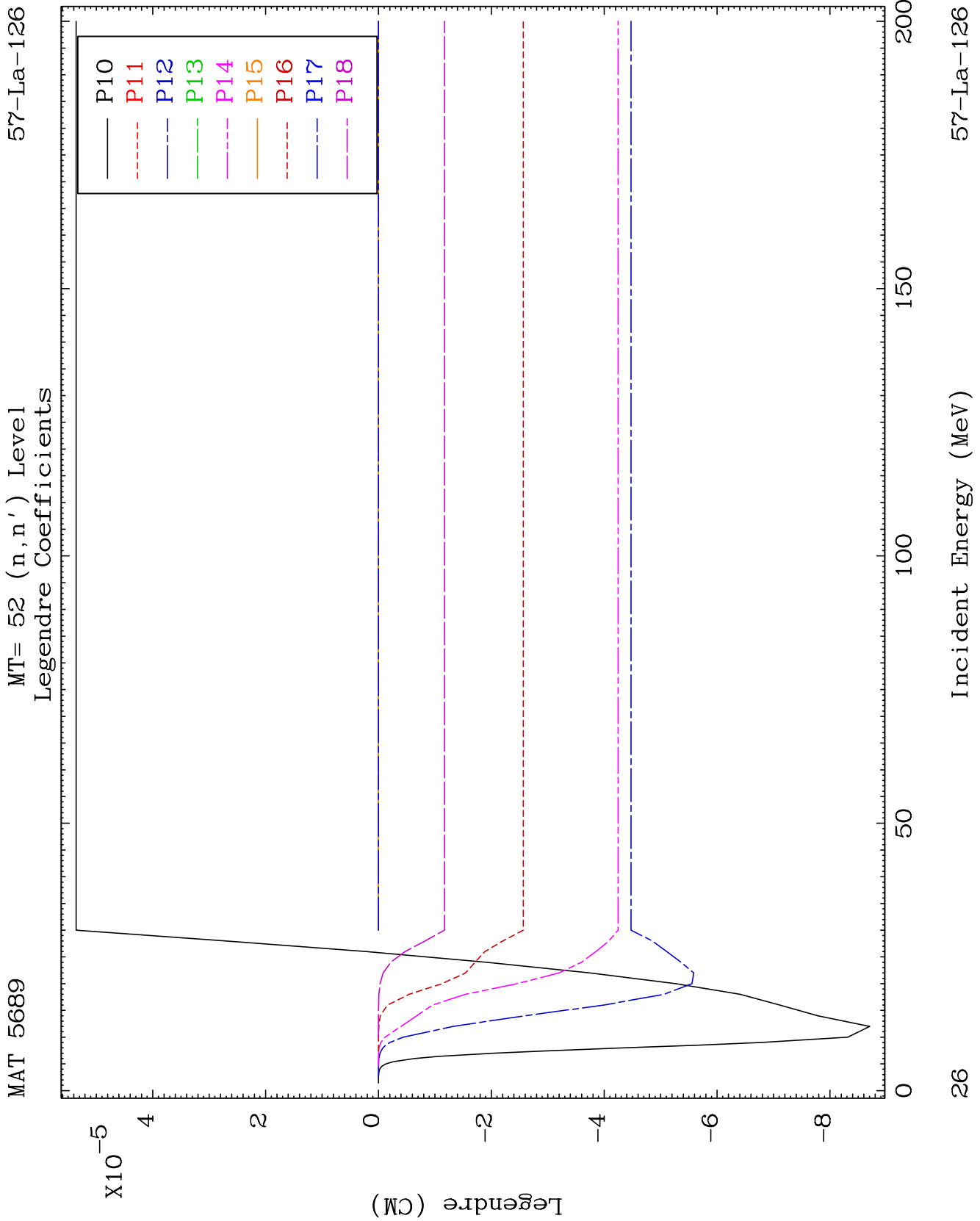


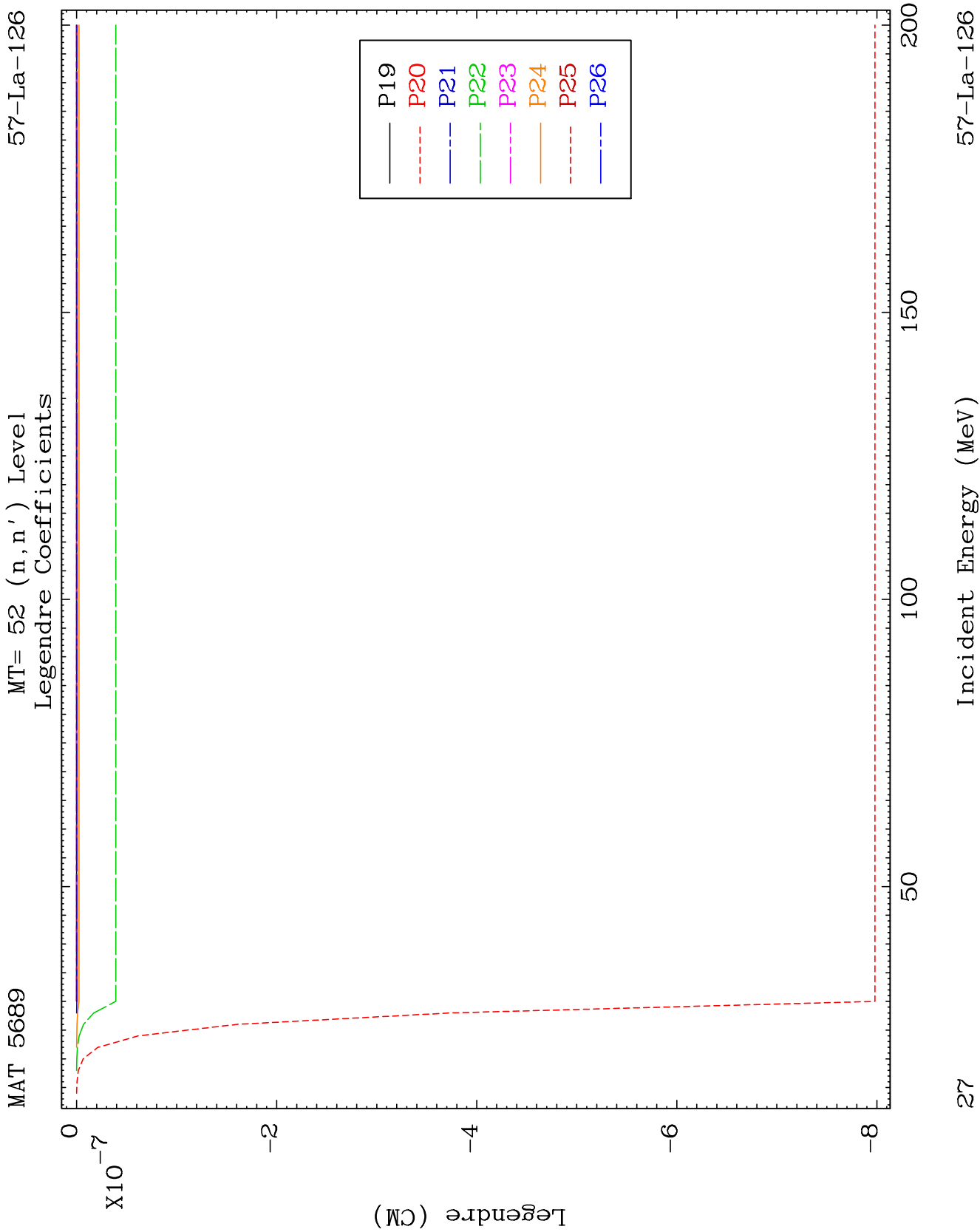
MAT 5689

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

57-La-126



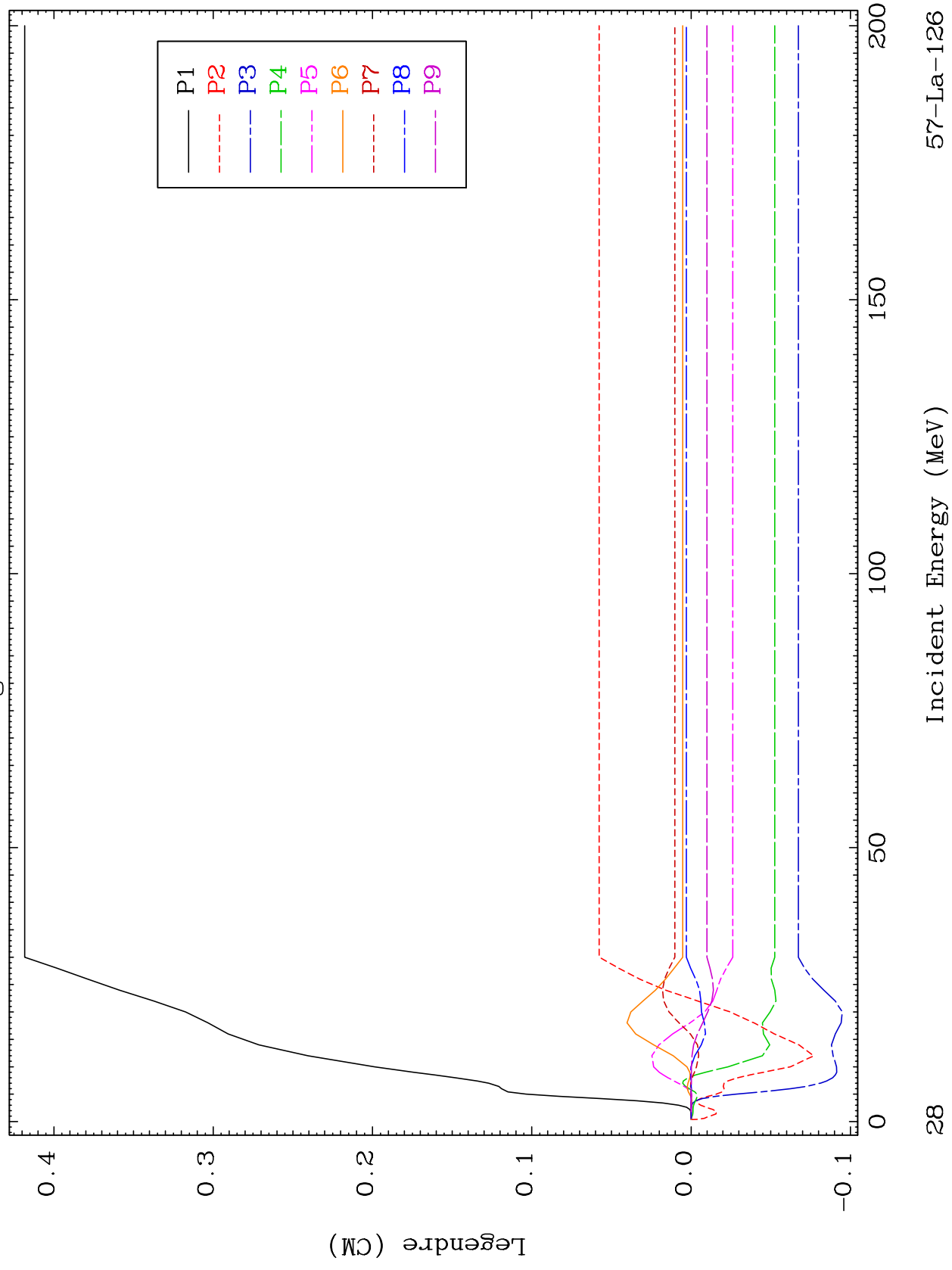




MAT 5689

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

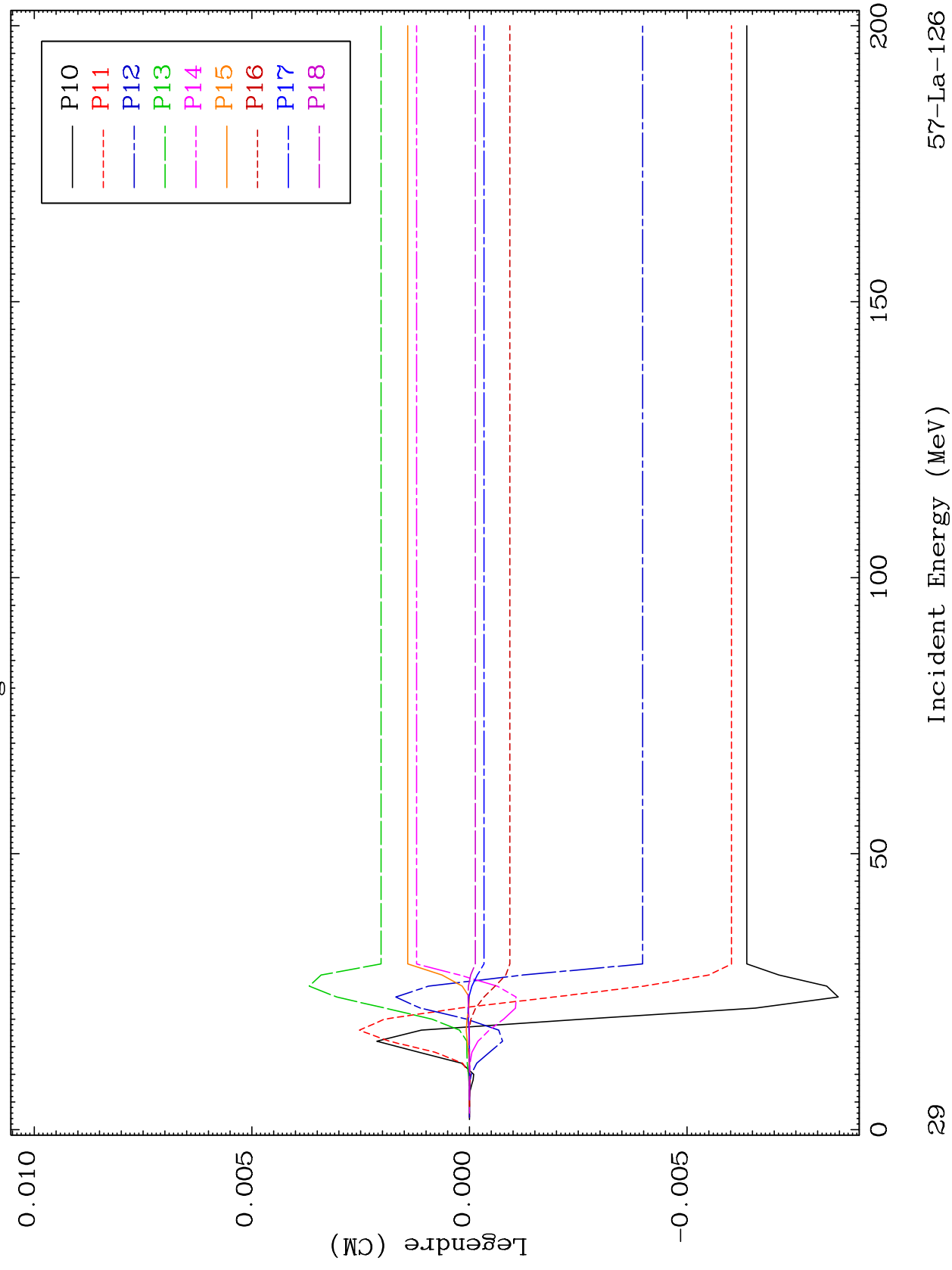
57-La-126



MAT 5689

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

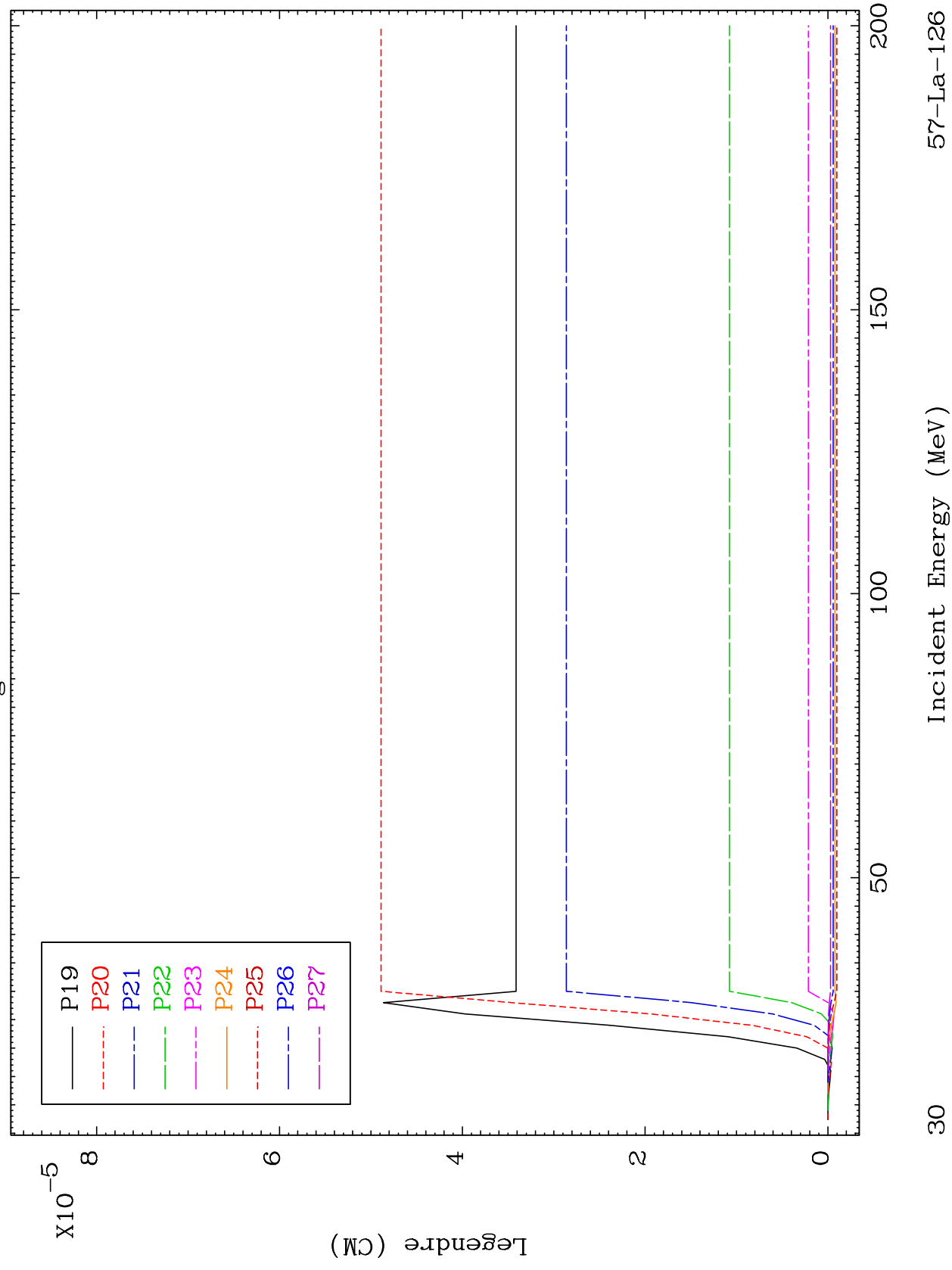
57-La-126

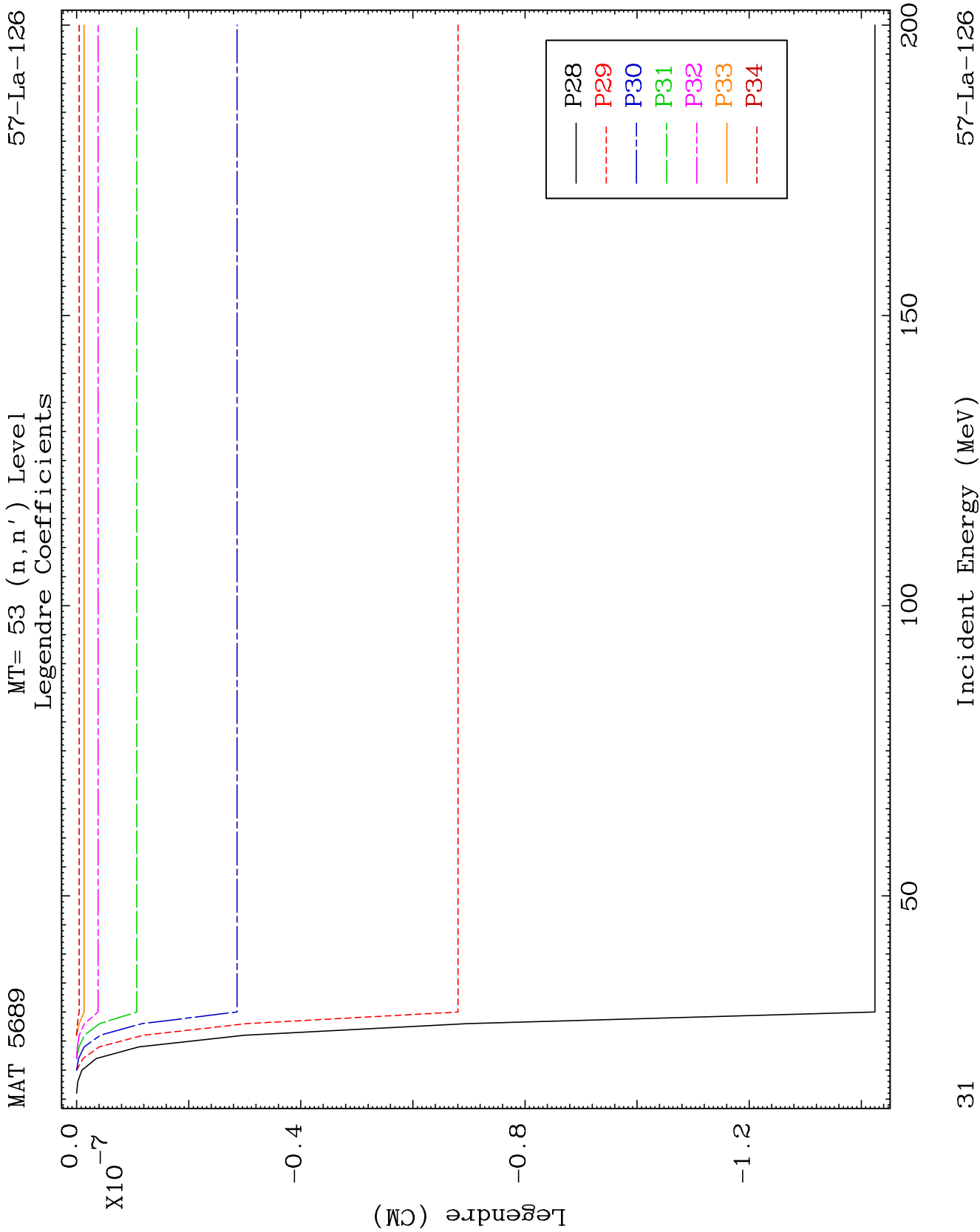


MAT 5689

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

57-La-126

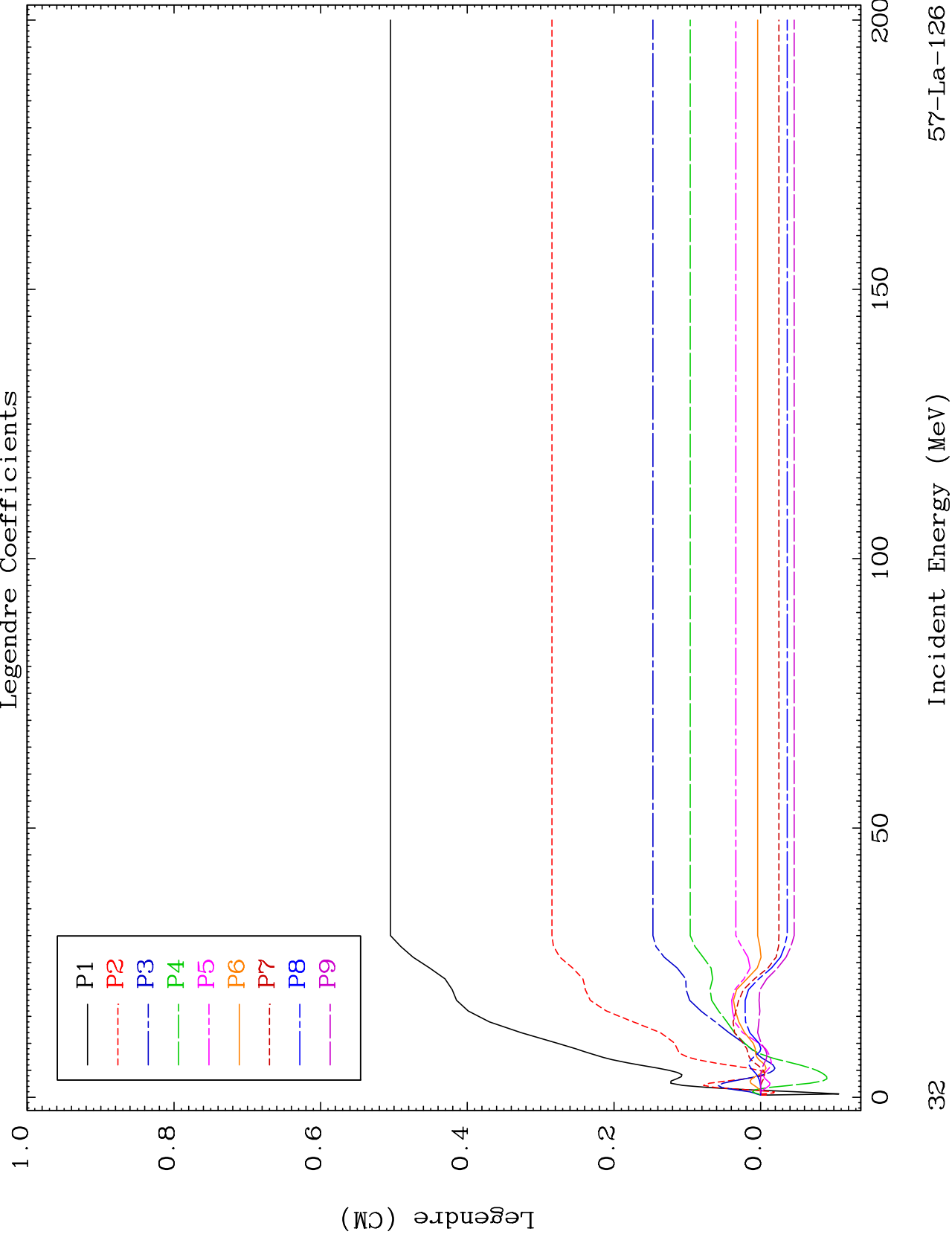




MAT 5689

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

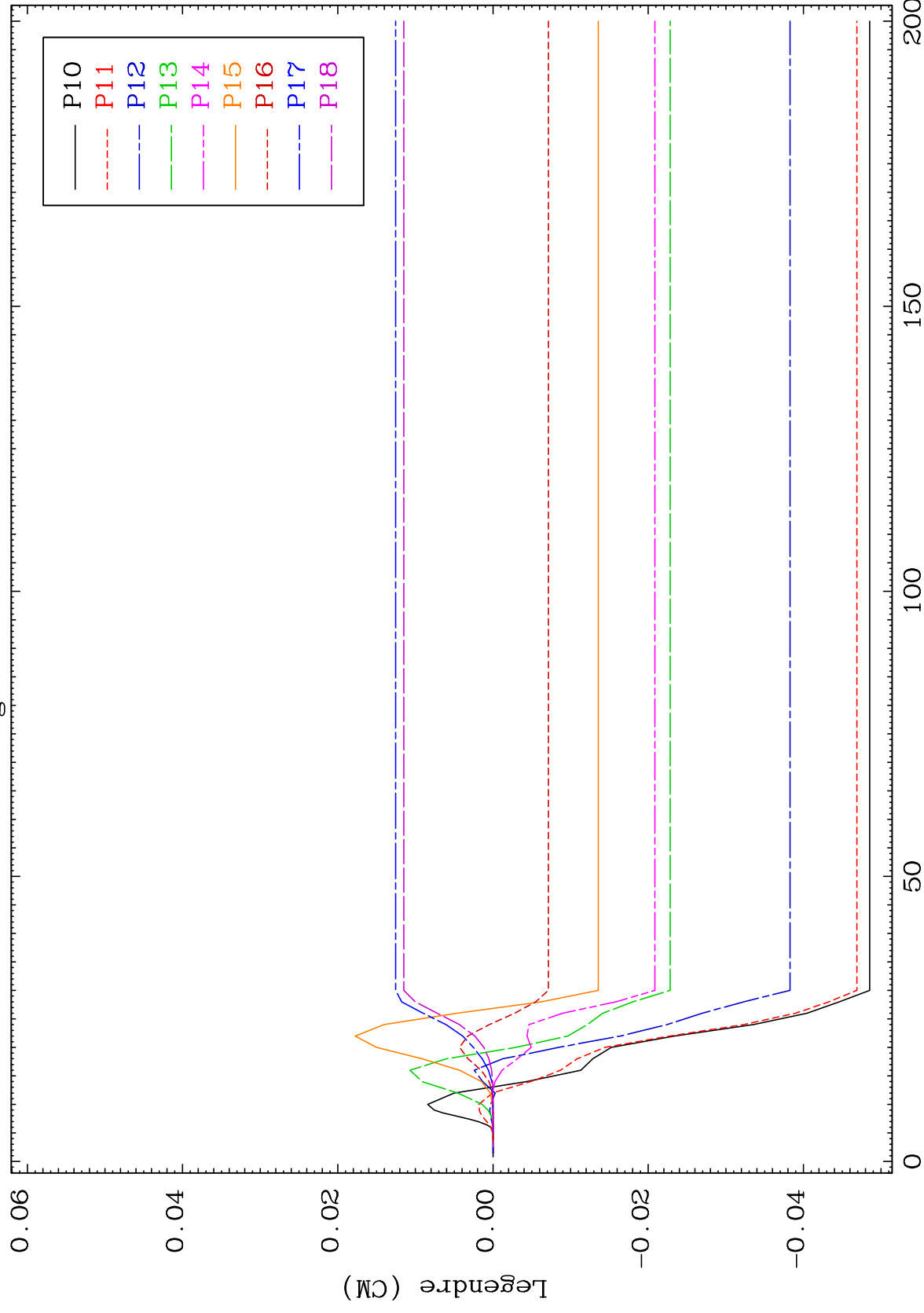
57-La-126



MAT 5689

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

57-La-126



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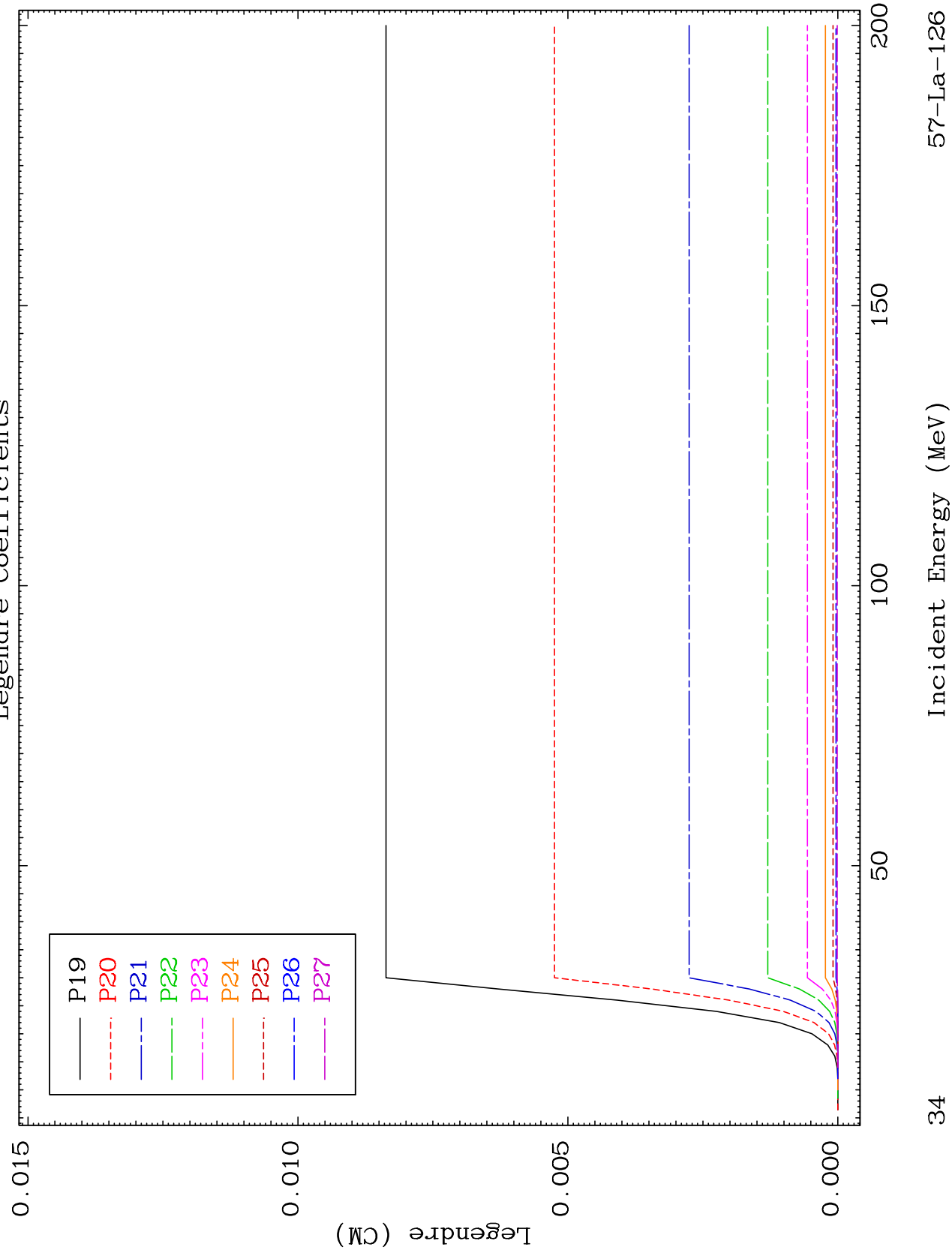
Incident Energy (MeV)

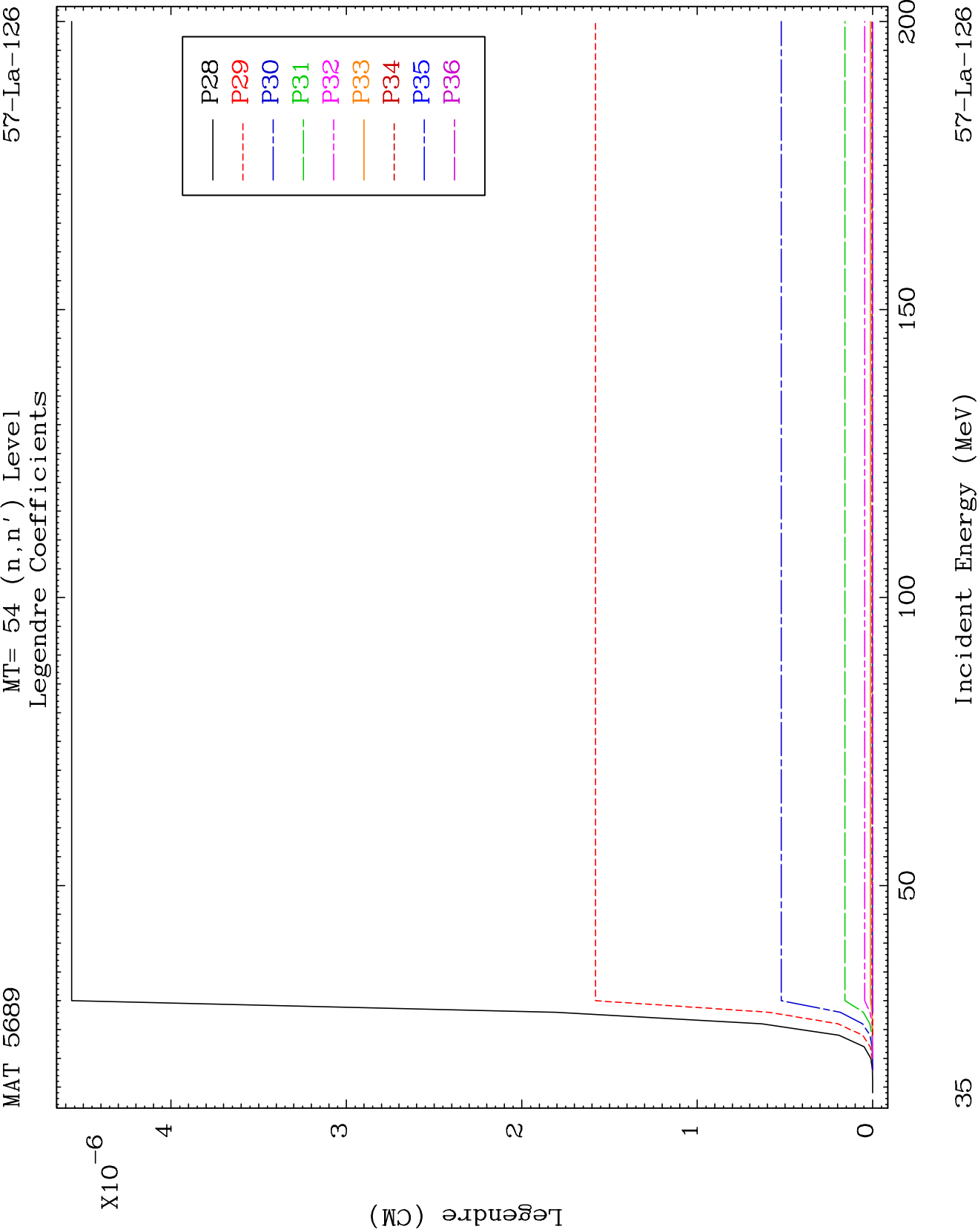
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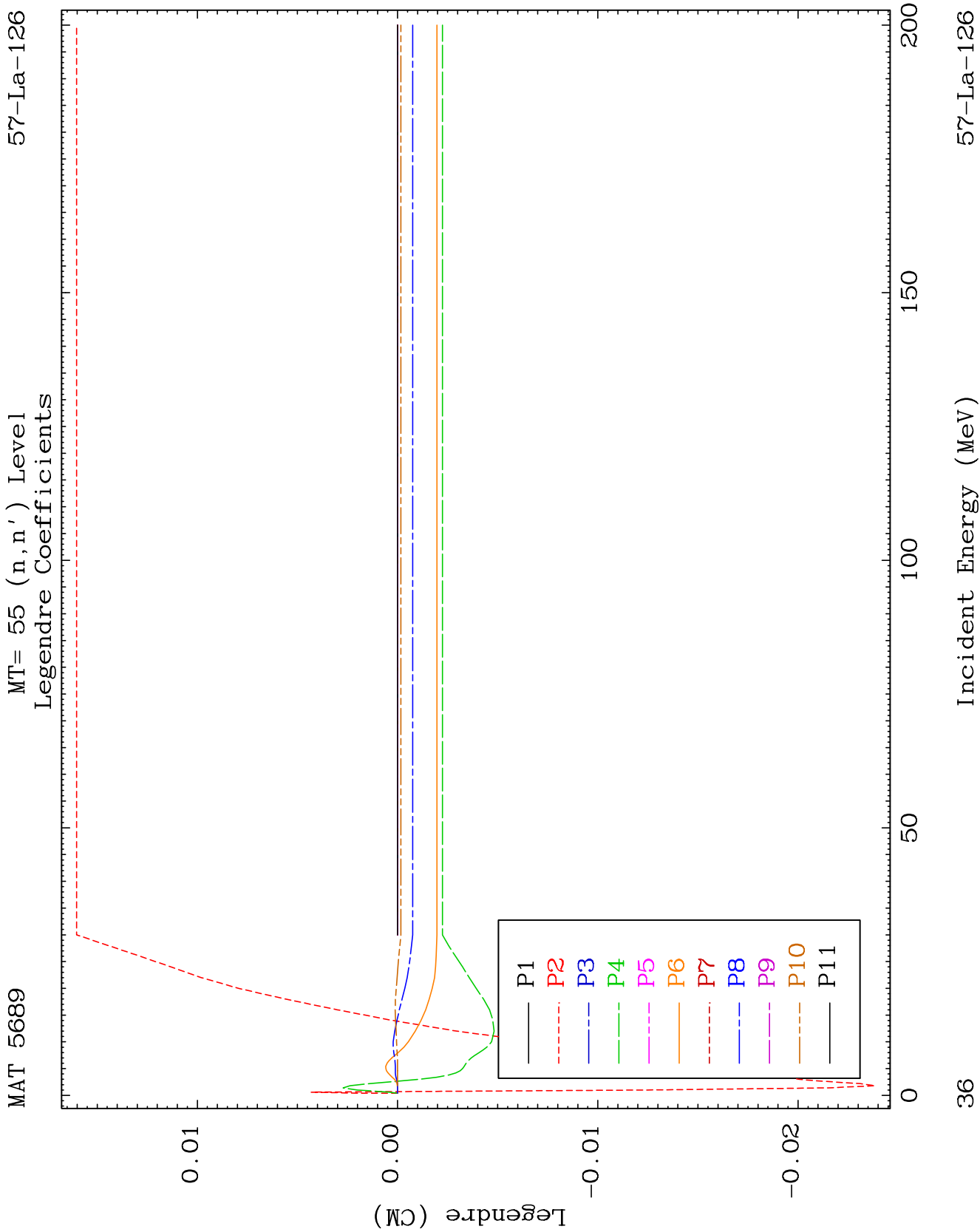
MAT 5689

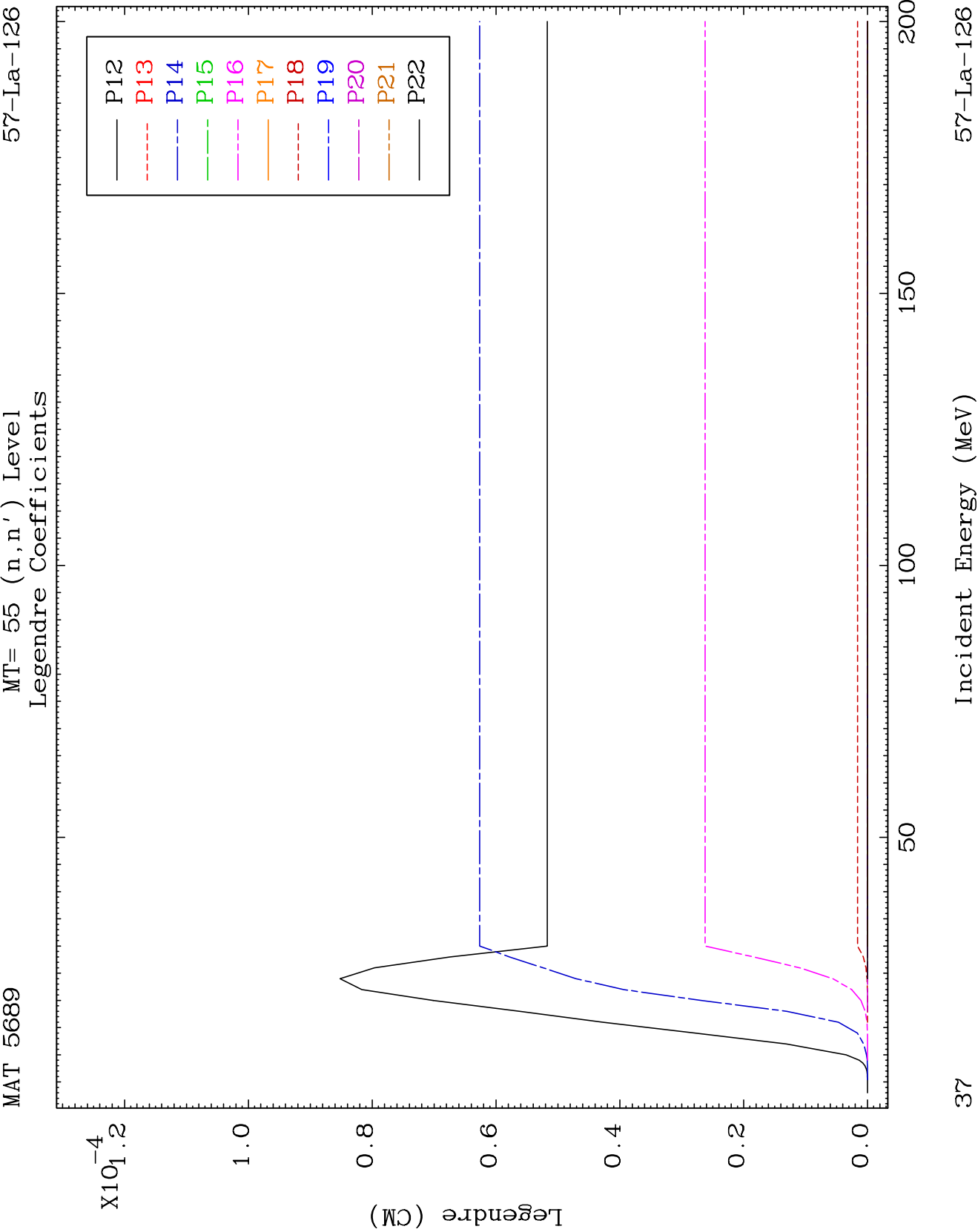
MT= 54 (n, n') Level
Legendre Coefficients

57-La-126





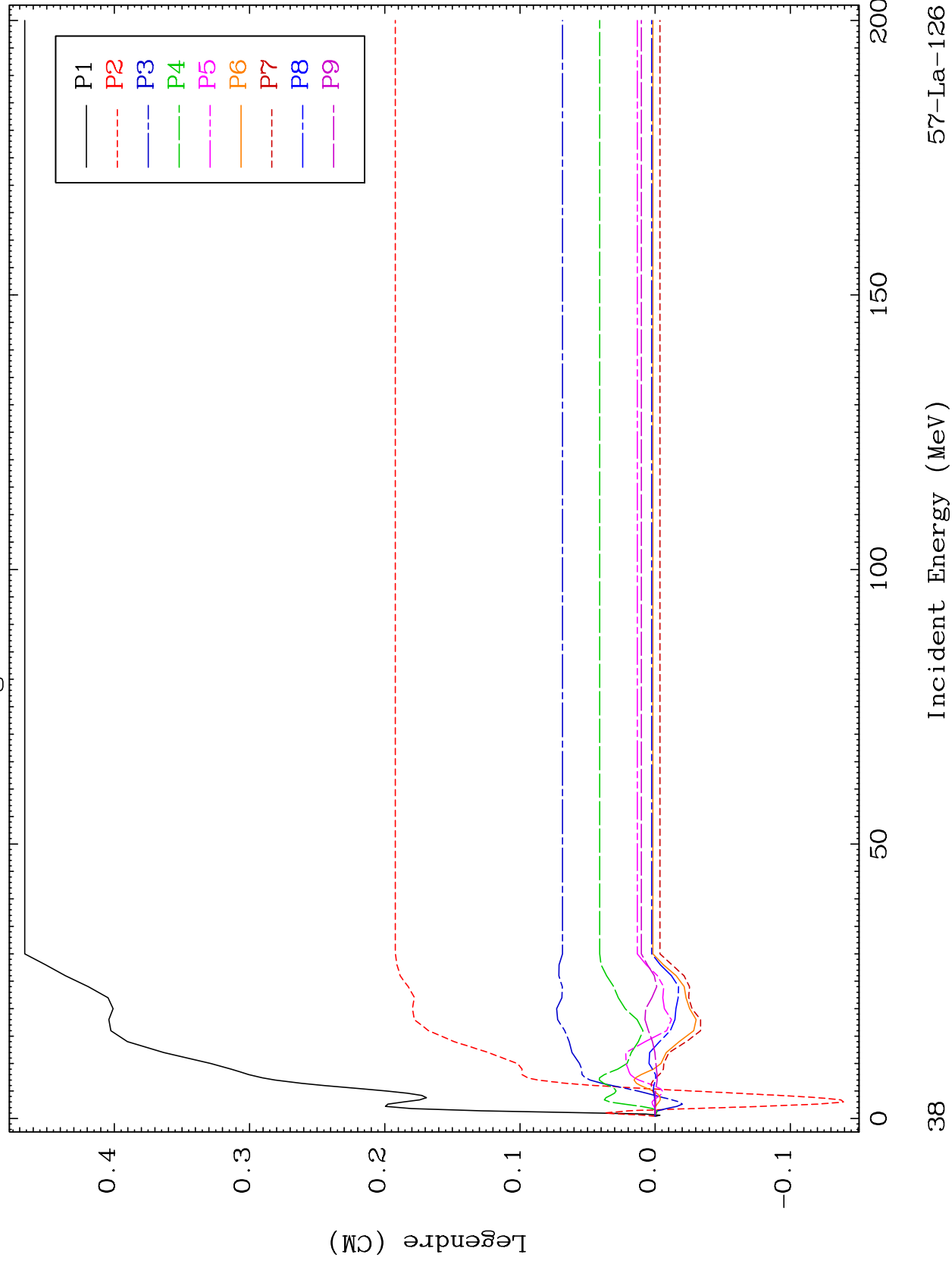


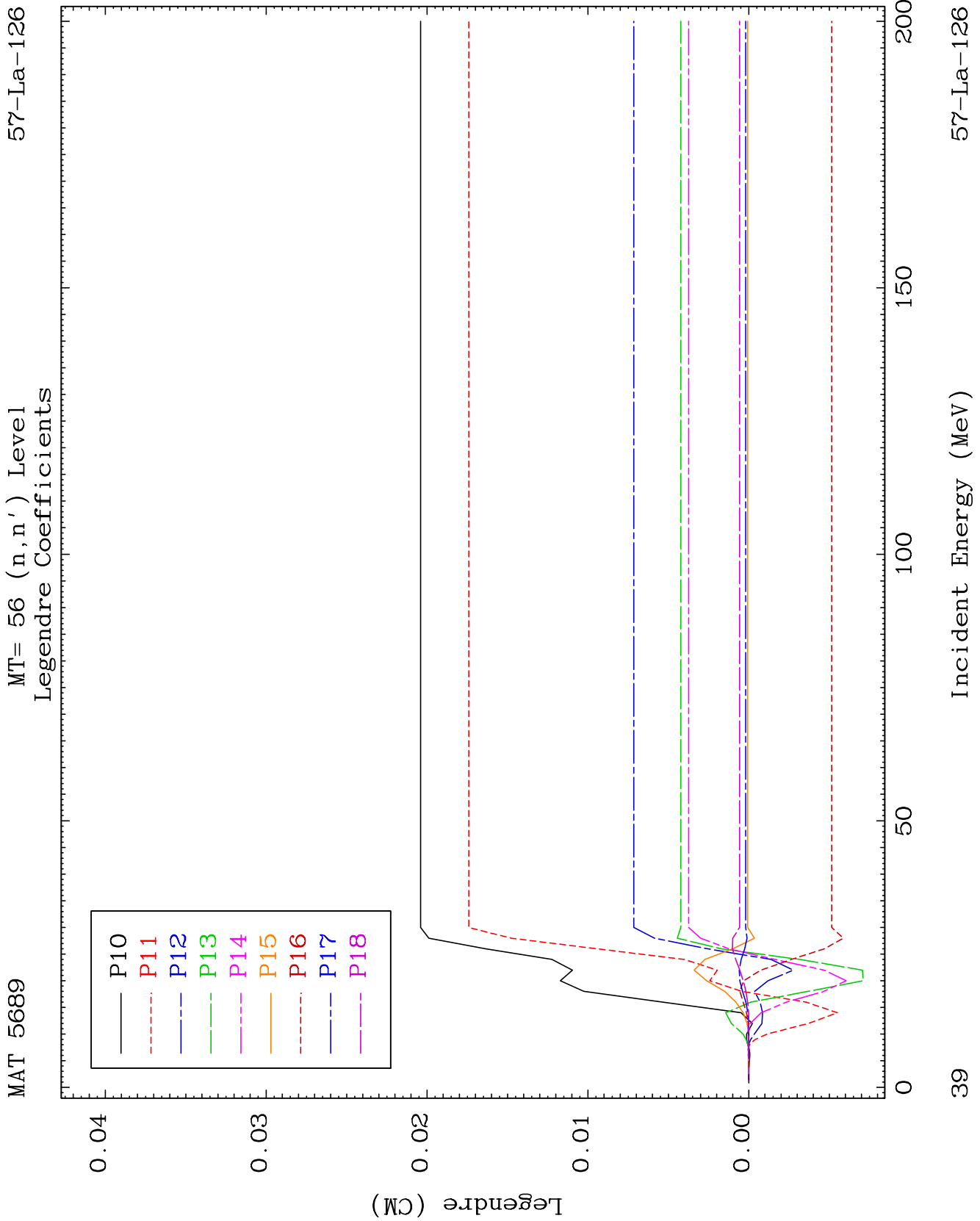


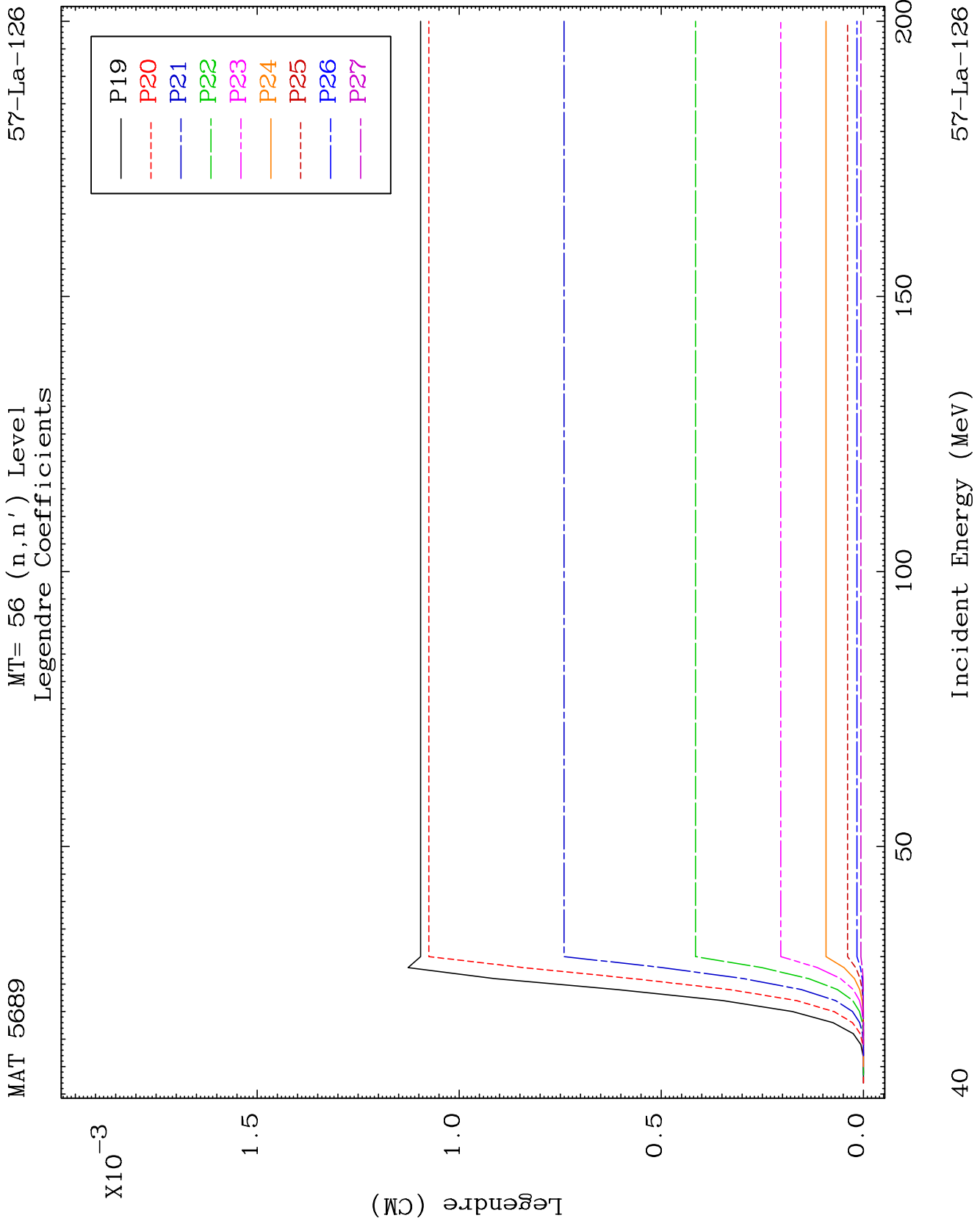
MAT 5689

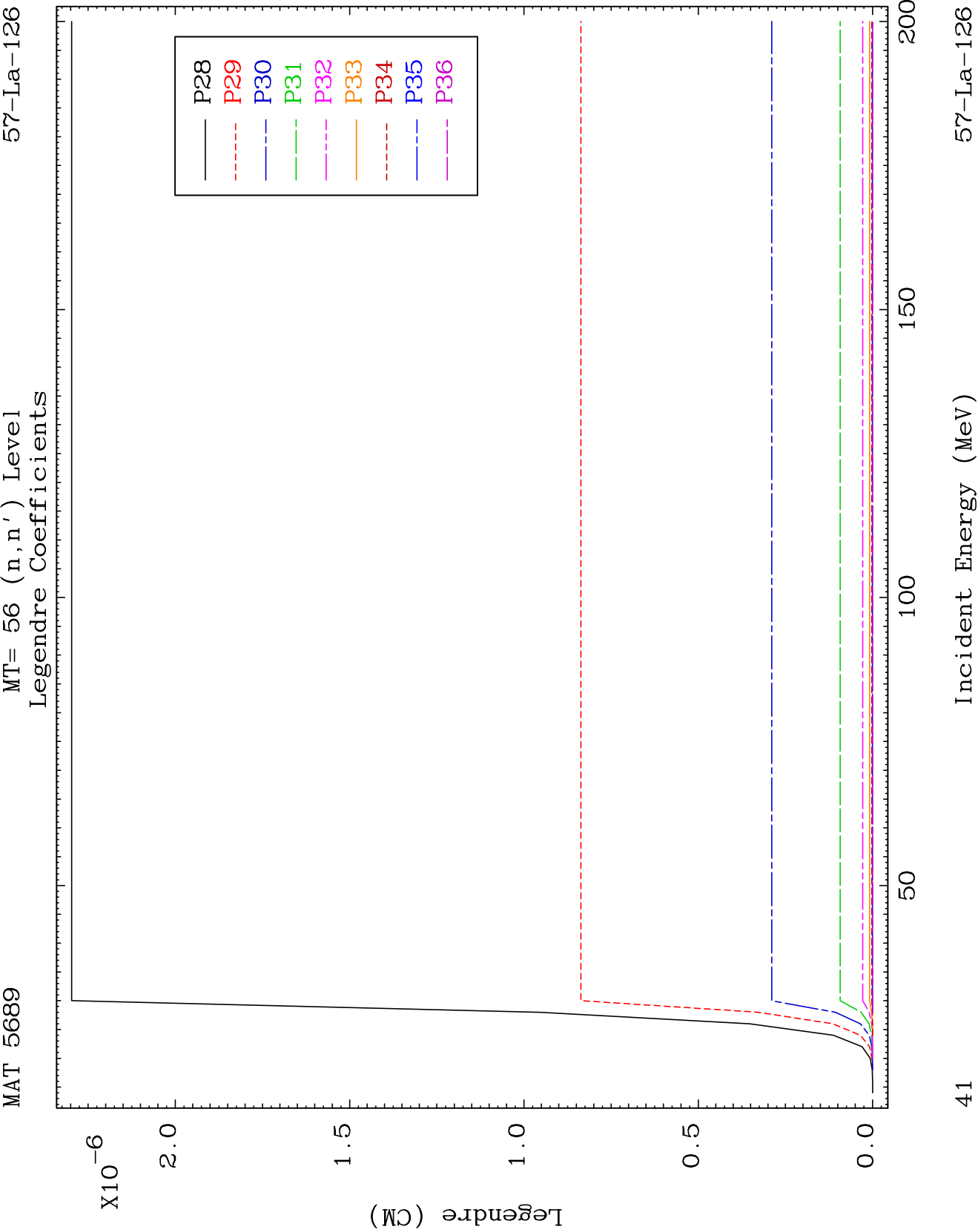
MT= 56 (n, n') Level
Legendre Coefficients

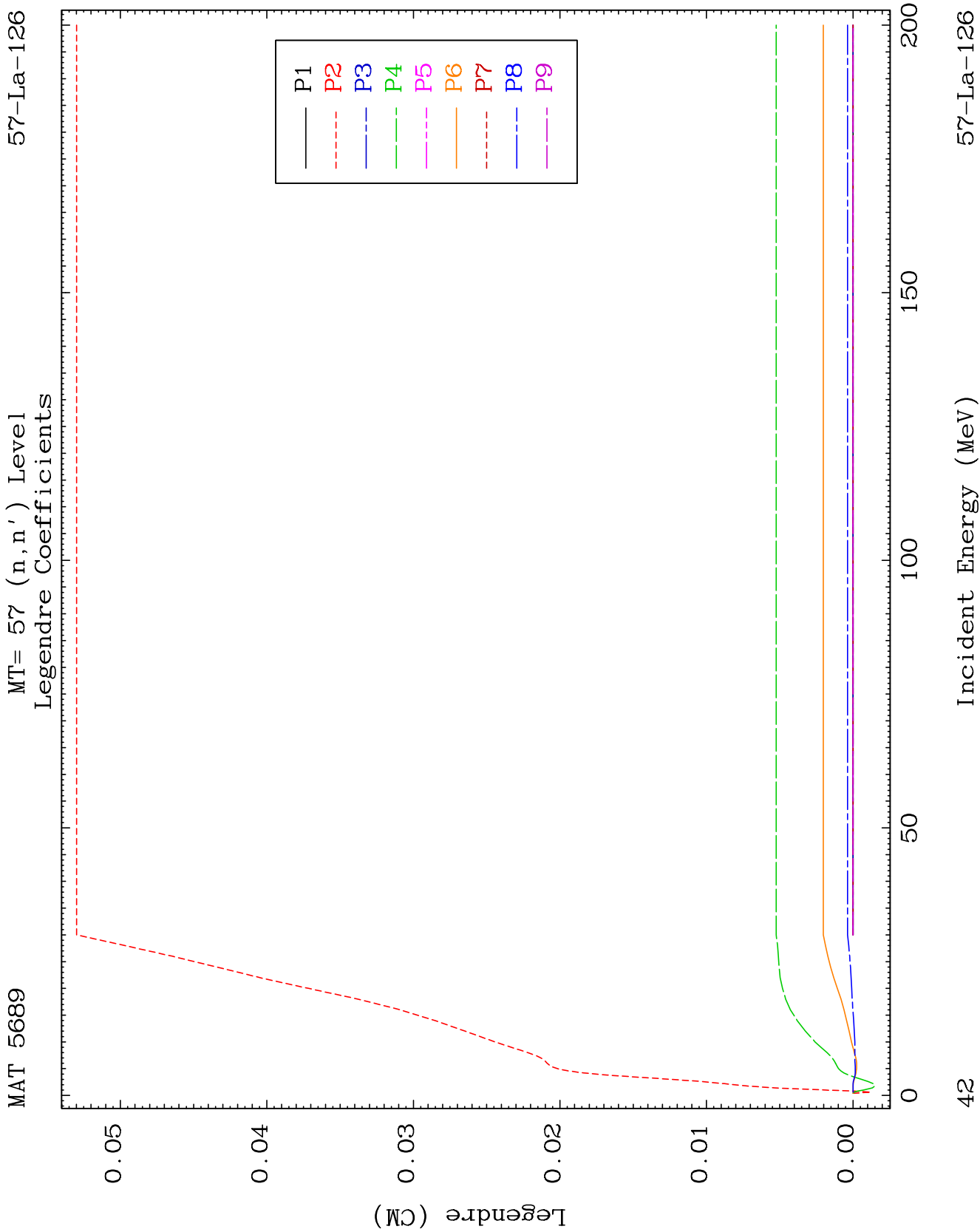
57-La-126

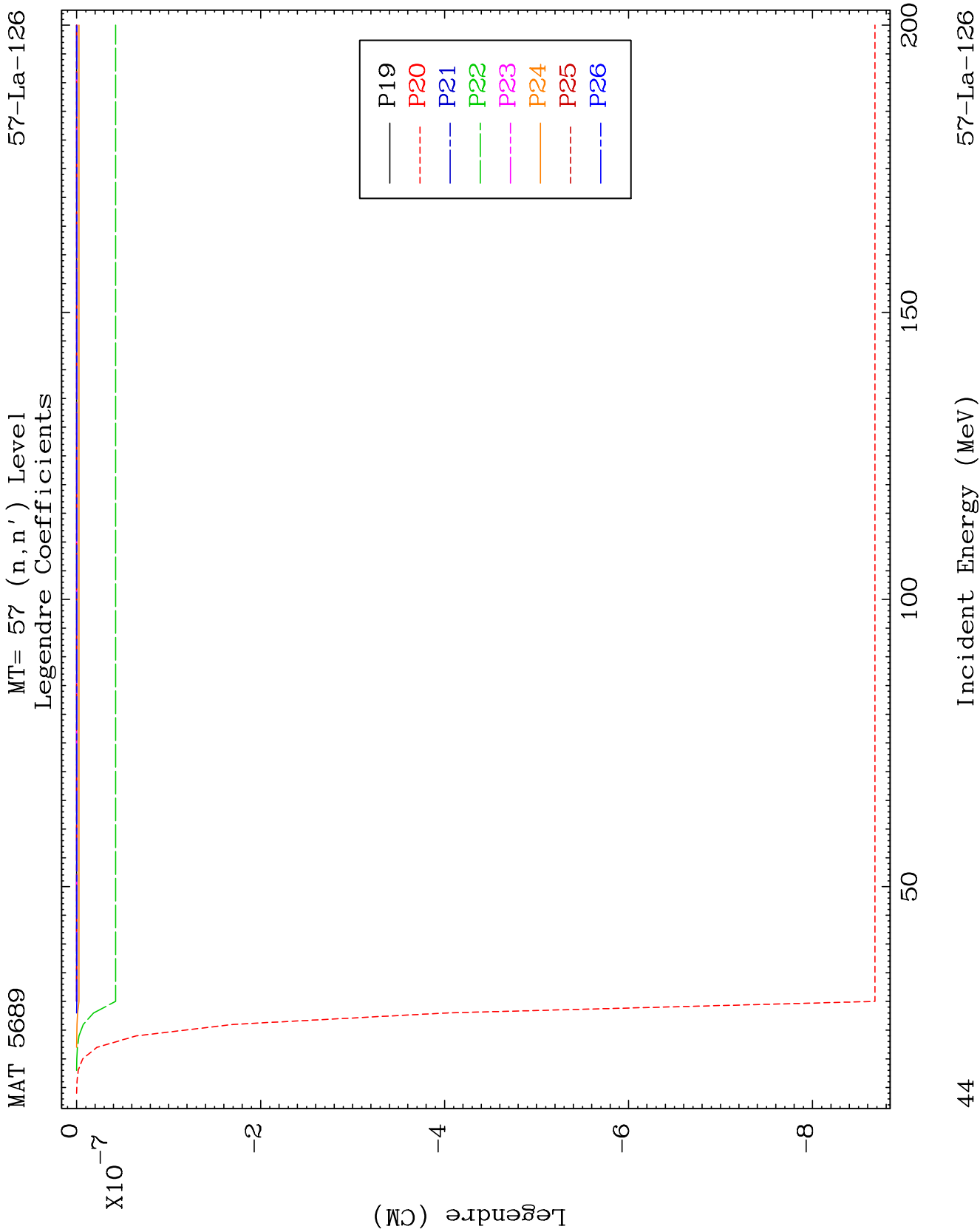








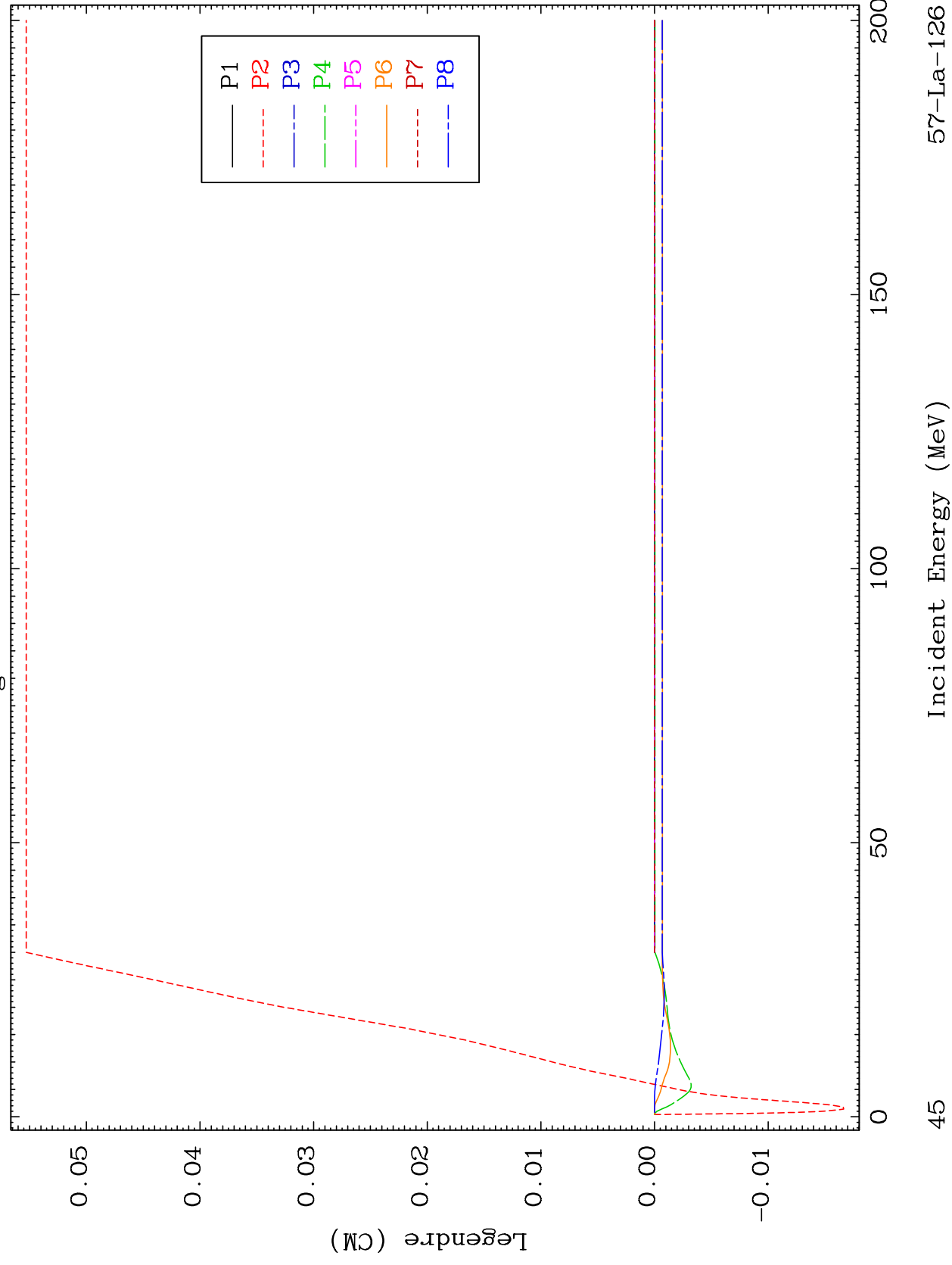




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MT= 58 (n, n') Level
Legendre Coefficients

57-La-126

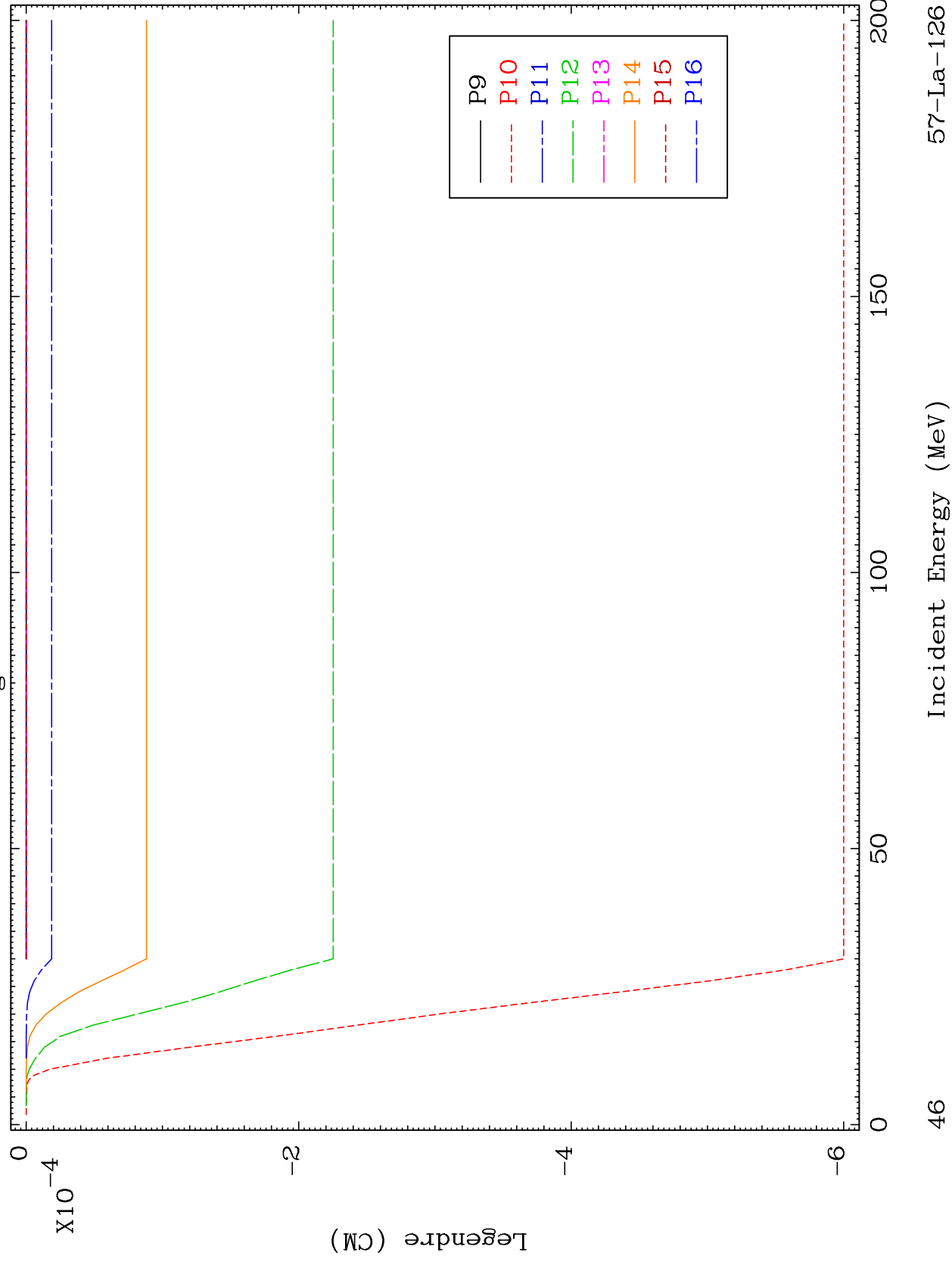


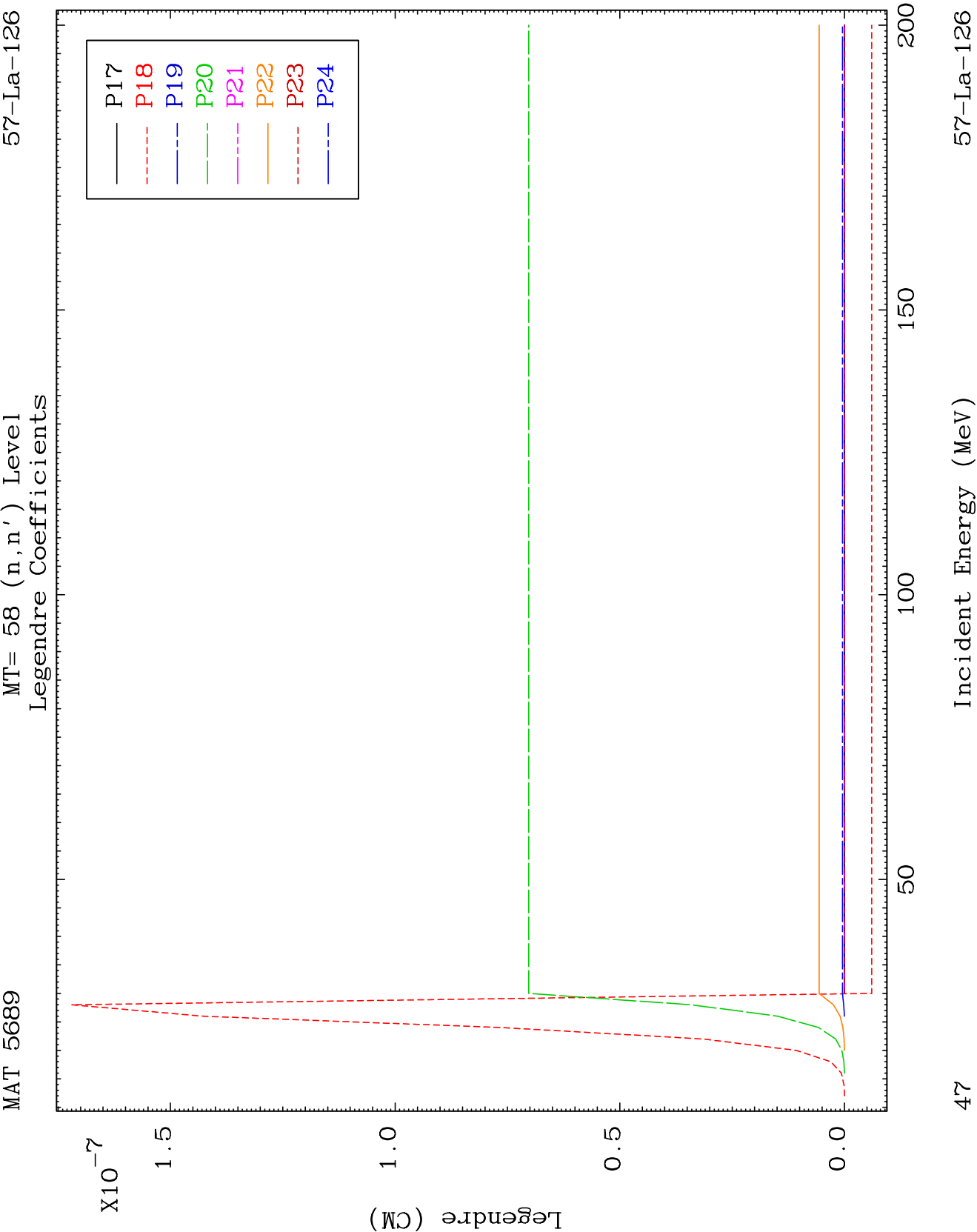
MAT 5689

MT= 58 (n, n') Level

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

57-La-126

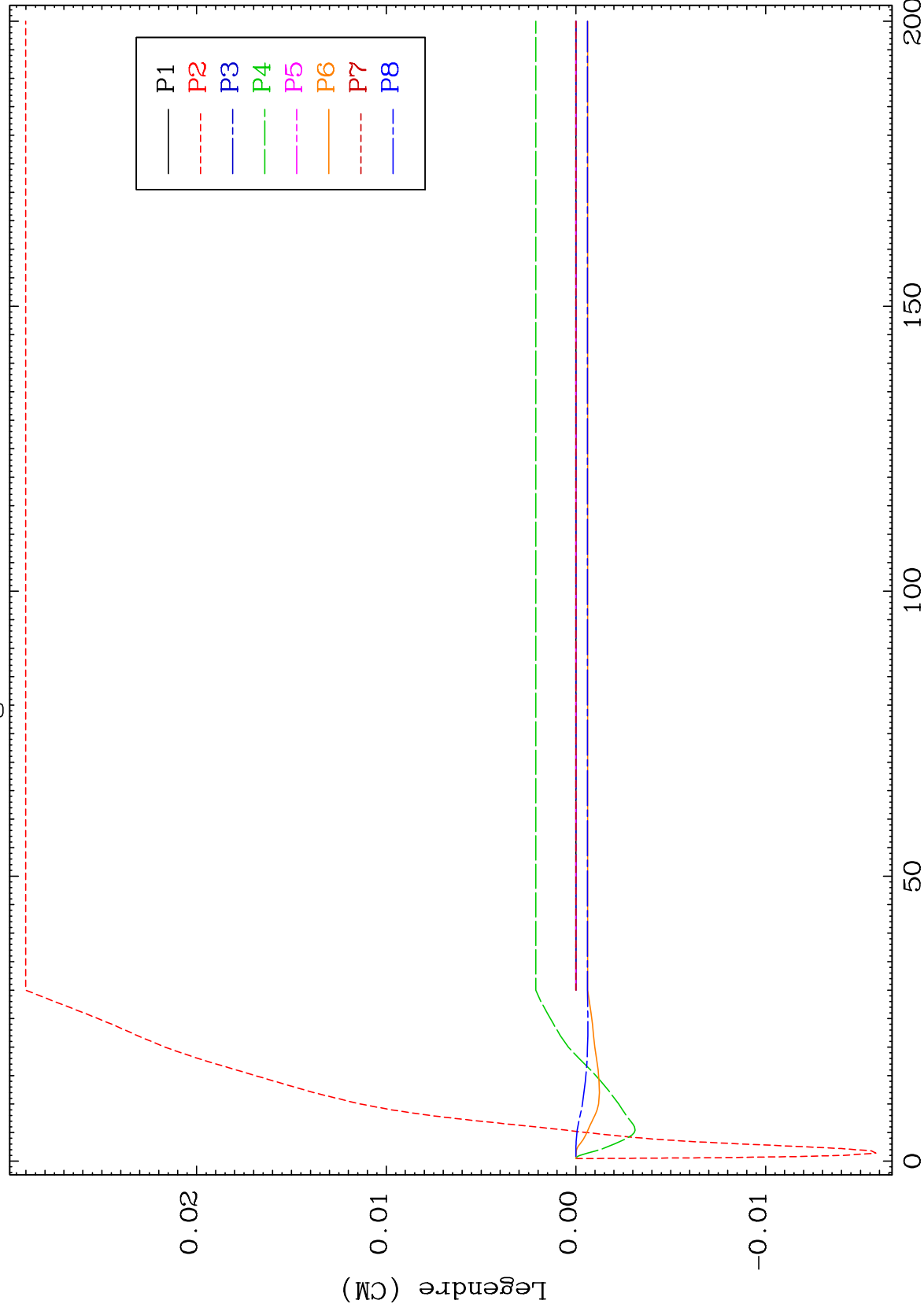




MAT 5689

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

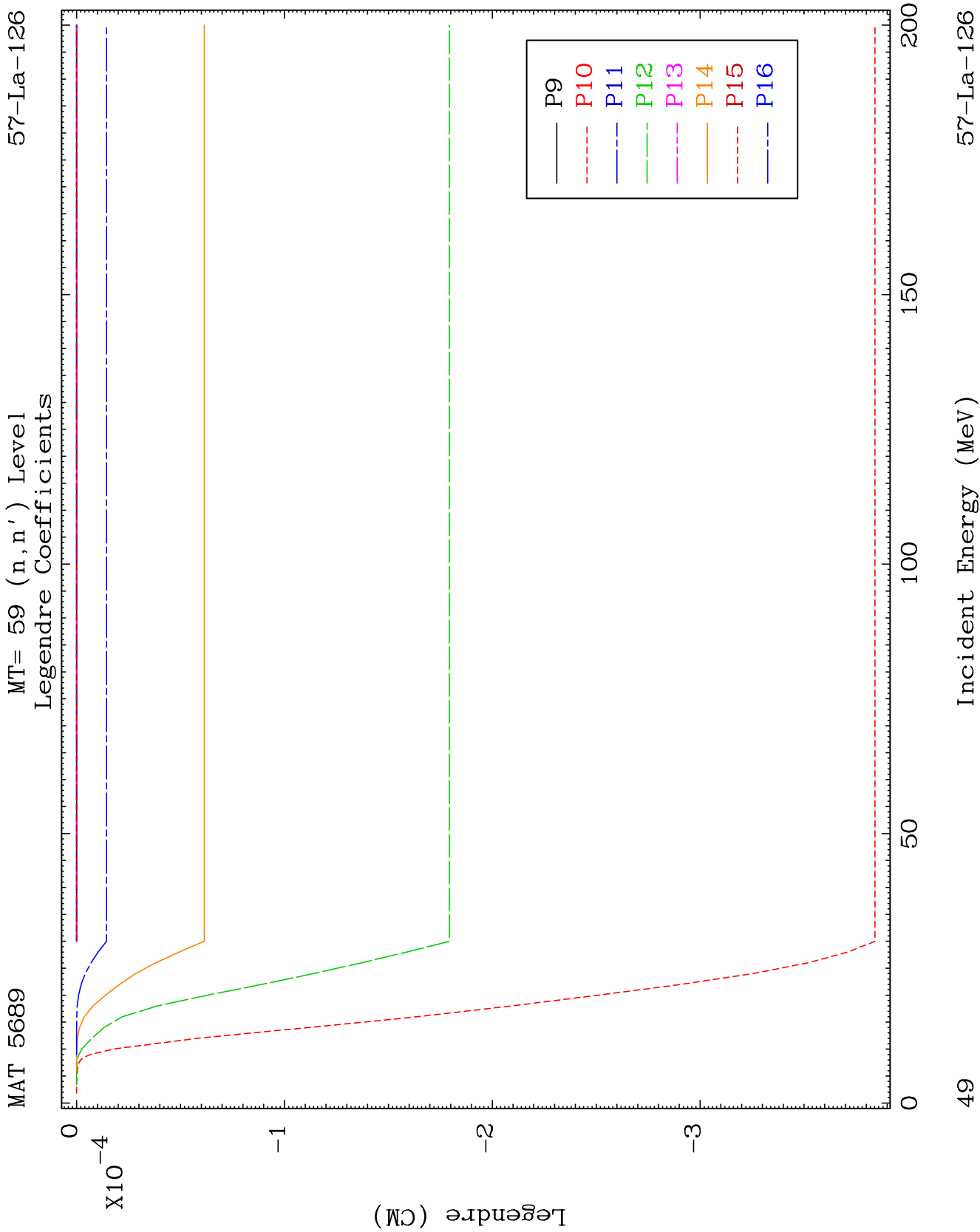
57-La-126

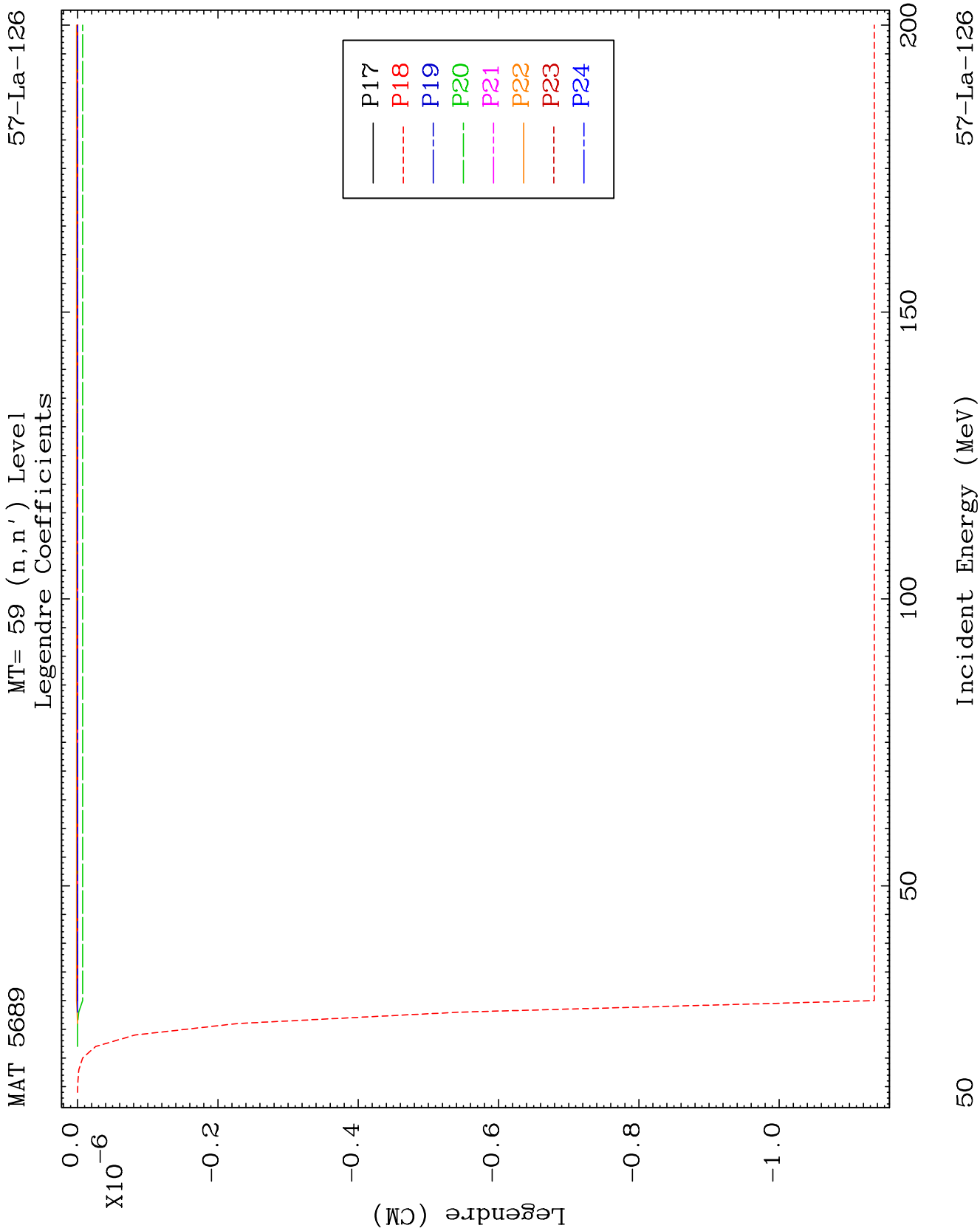


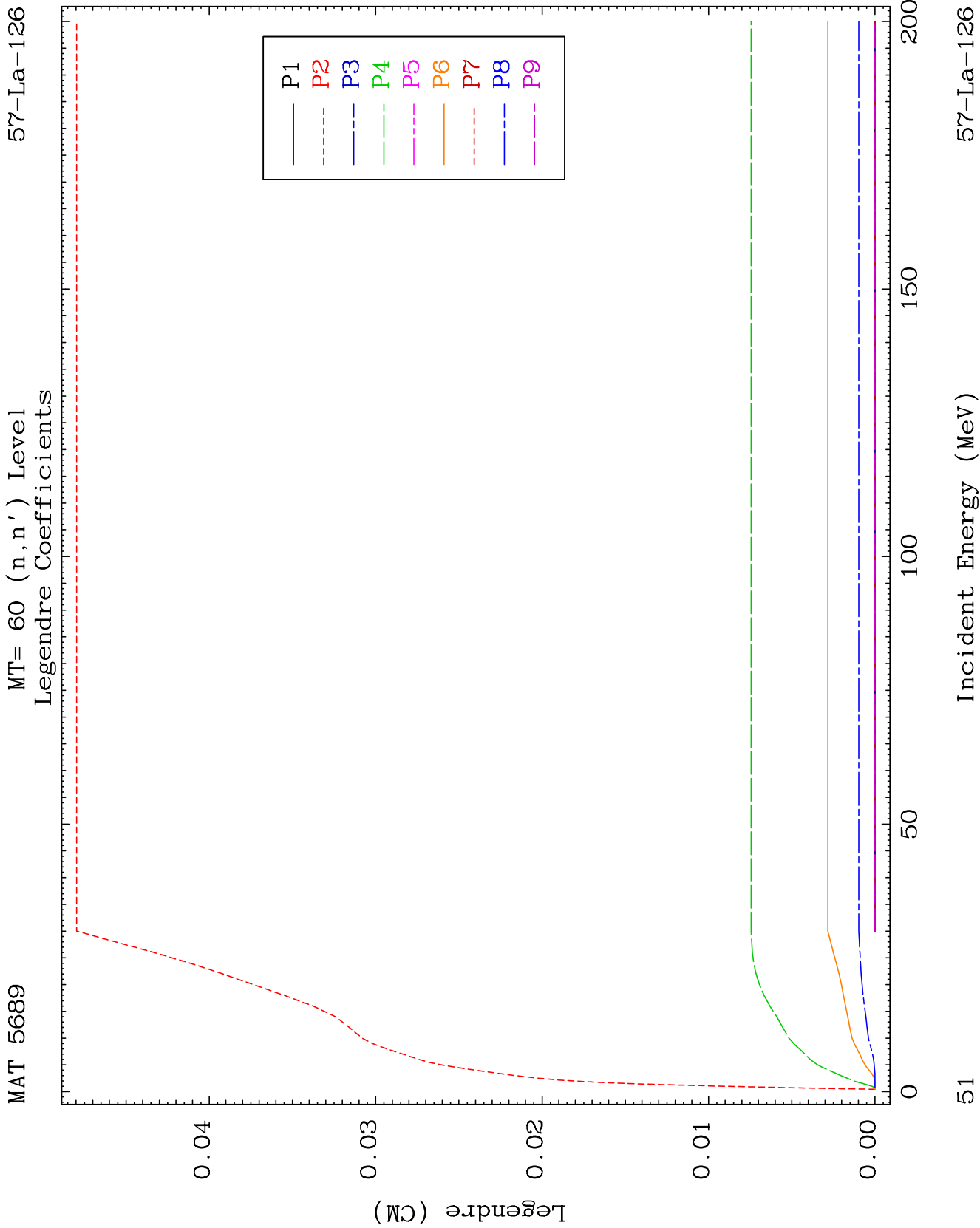
48

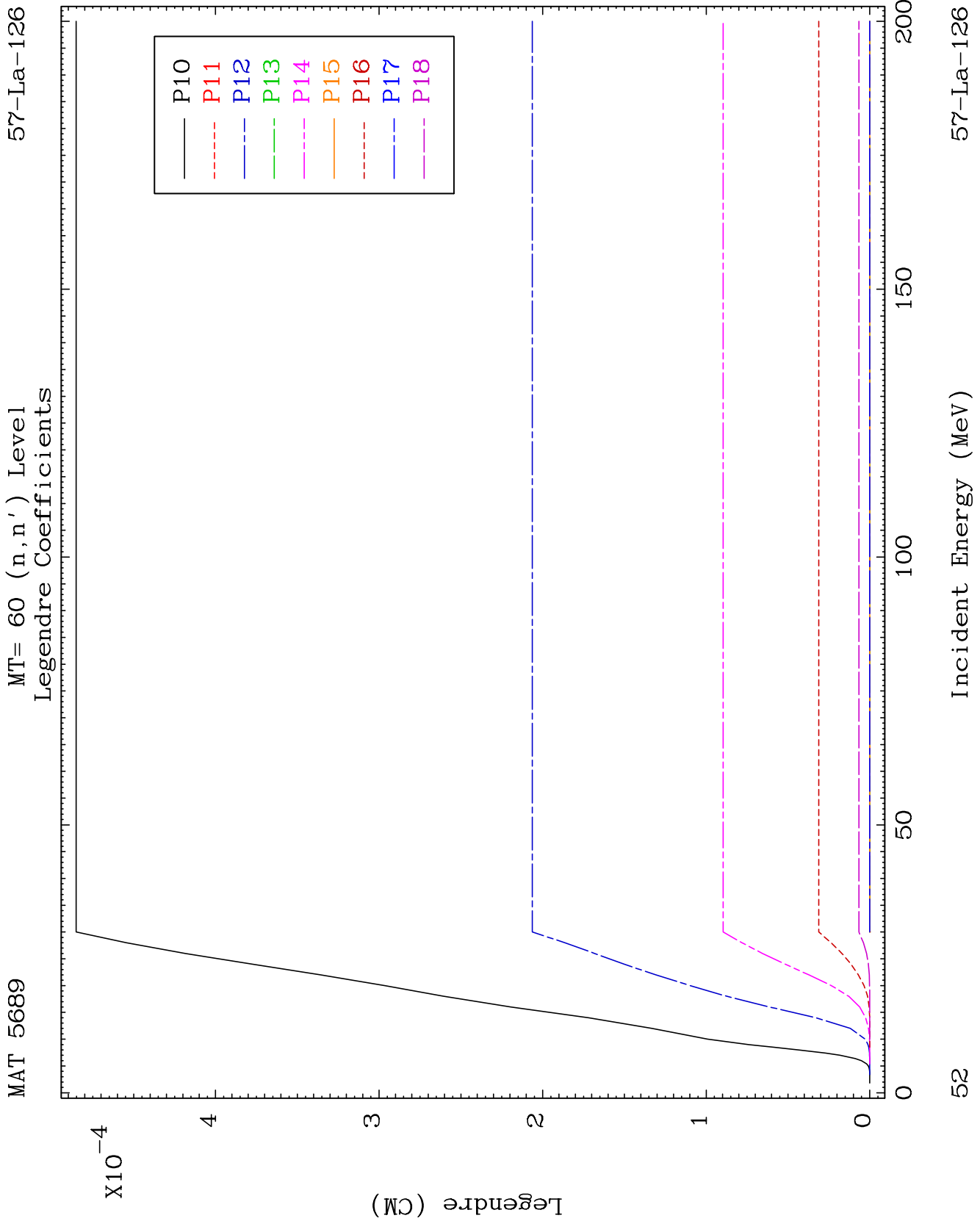
Incident Energy (MeV)

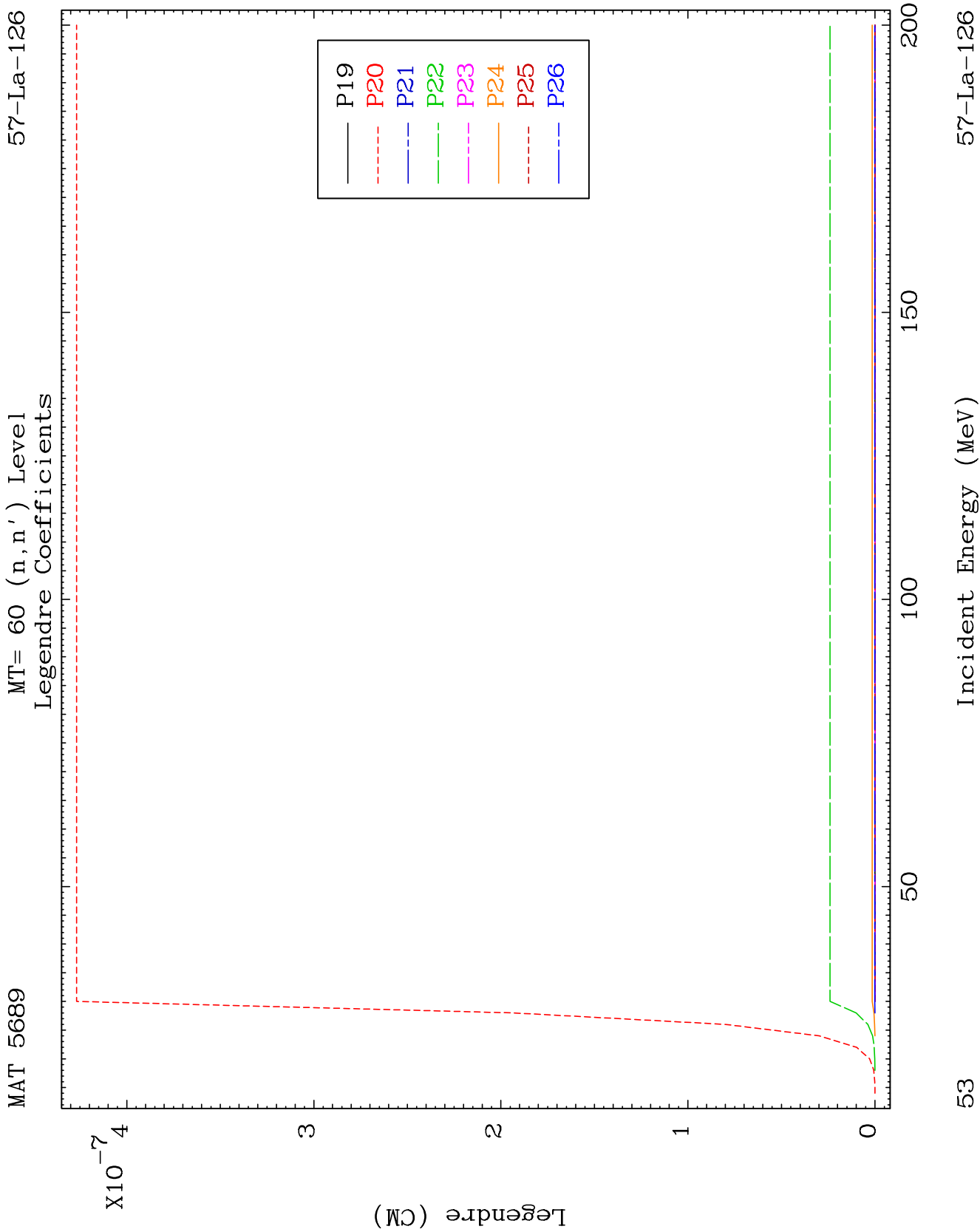
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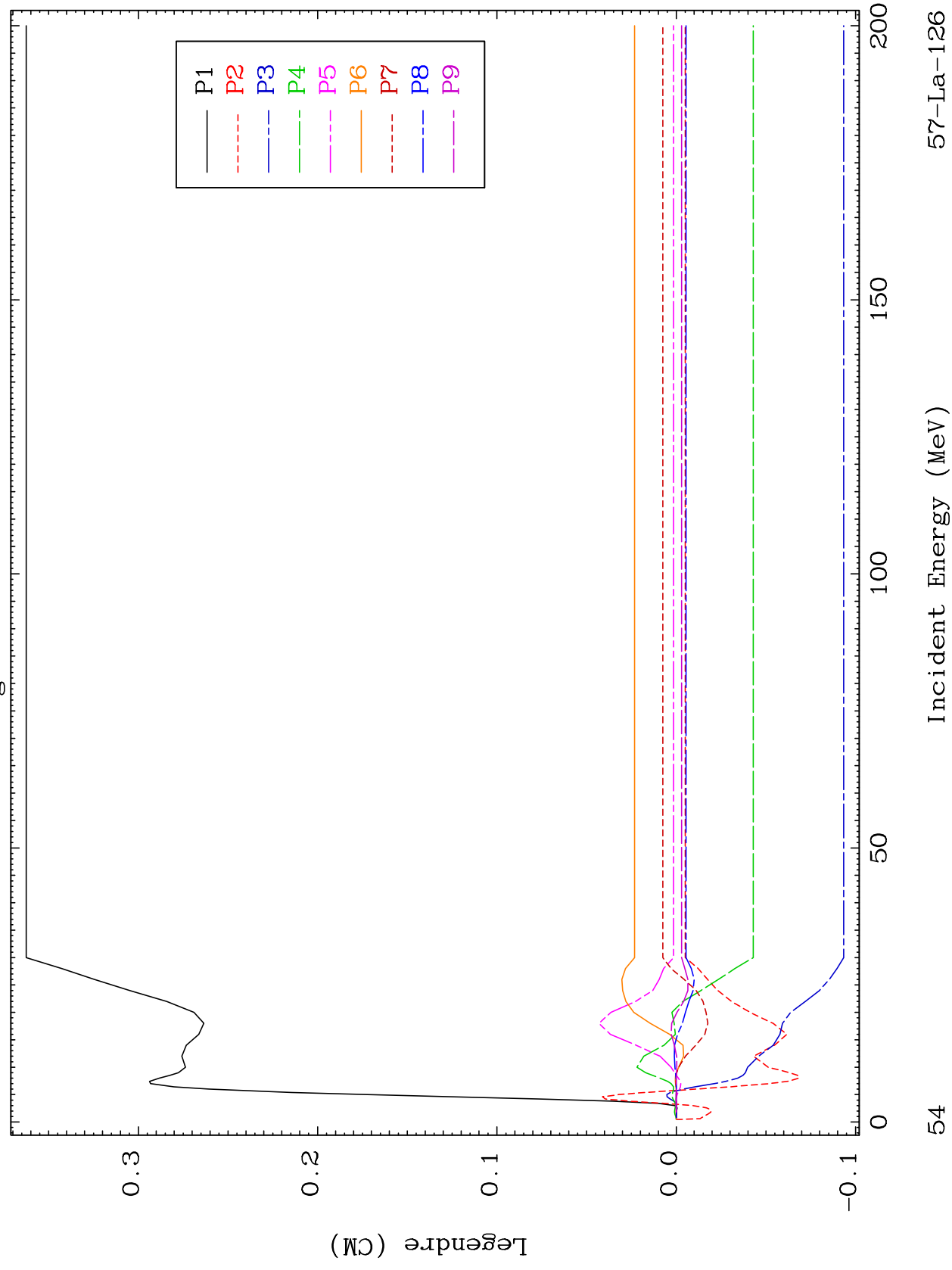




MAT 5689

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

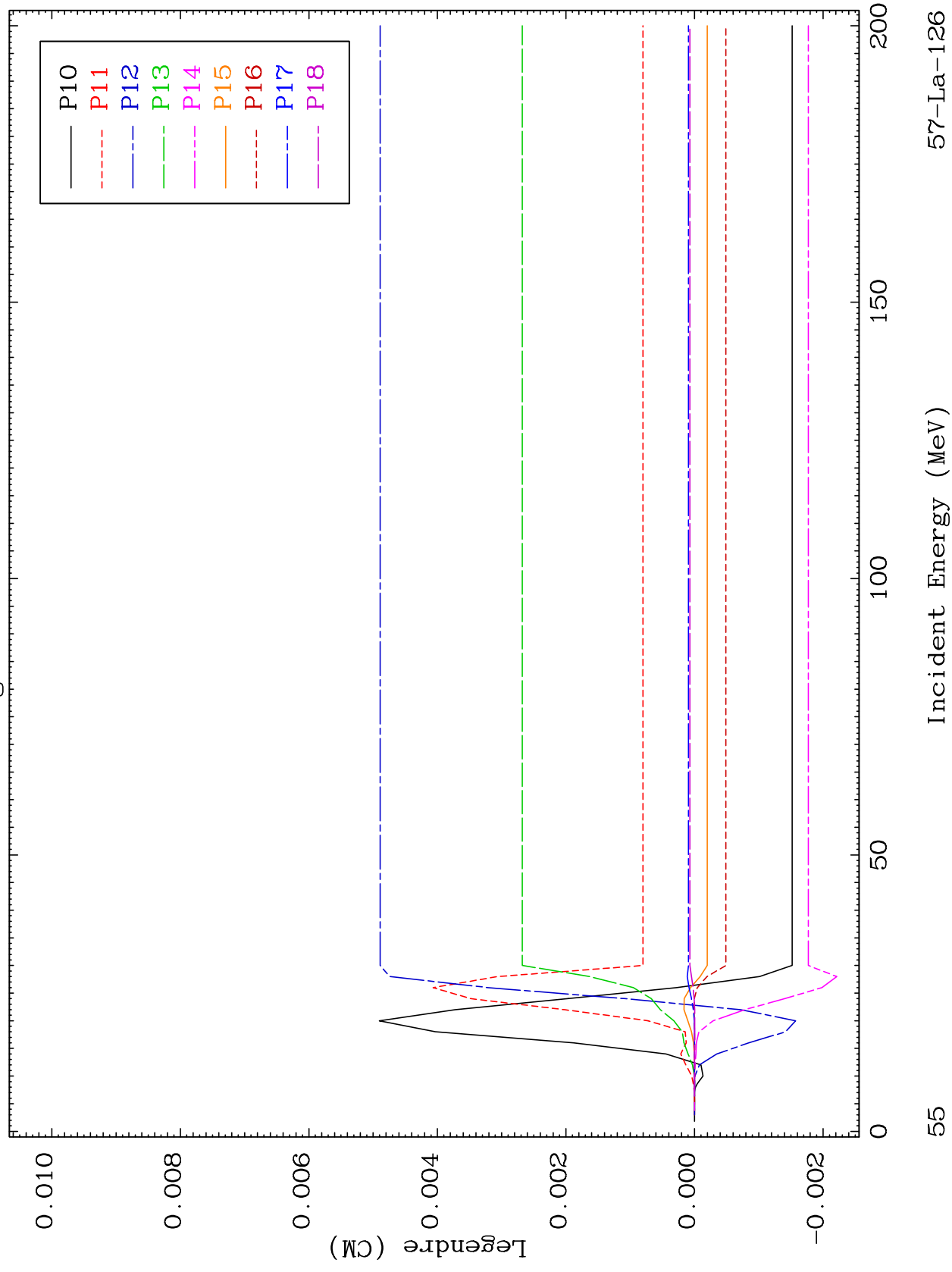
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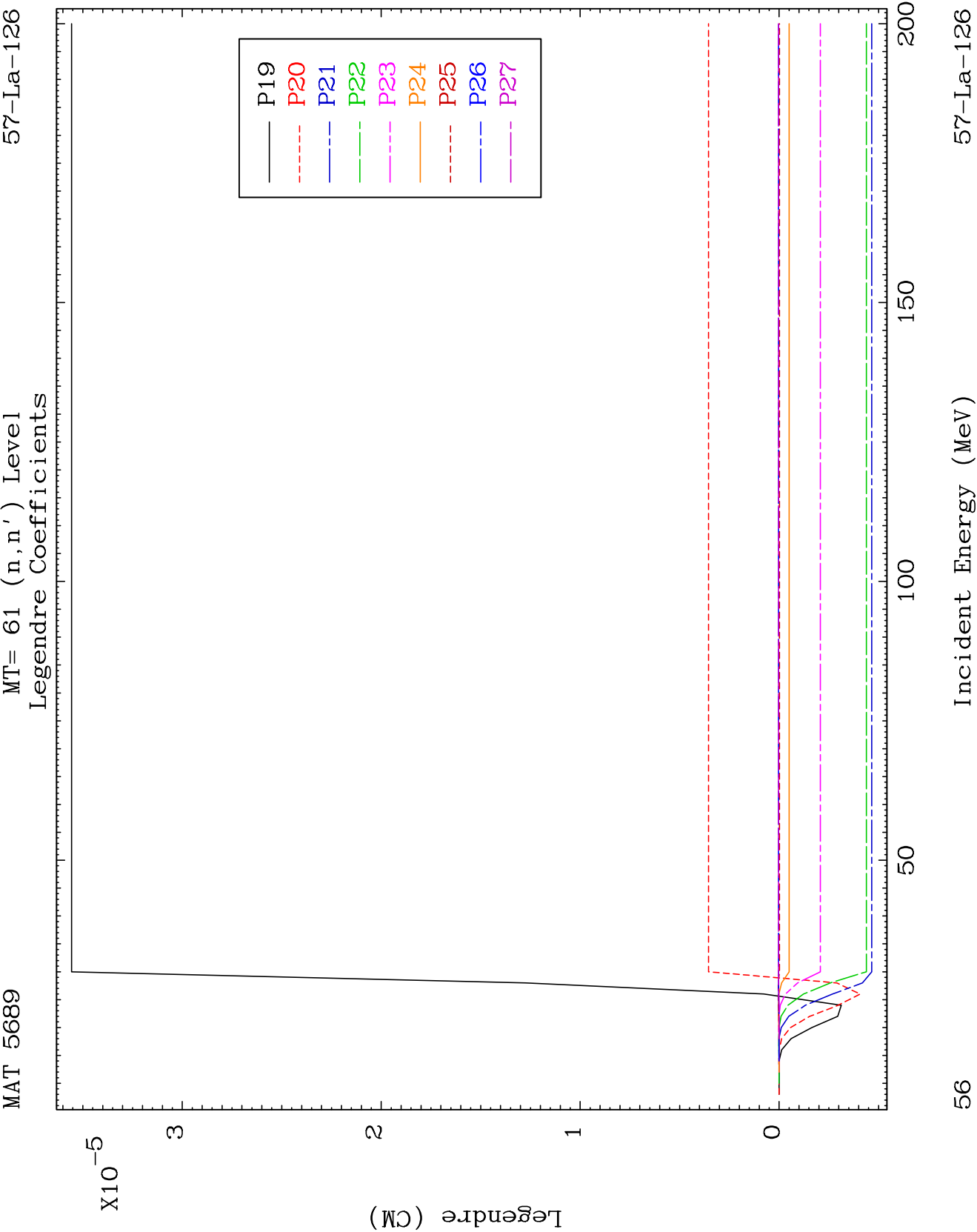


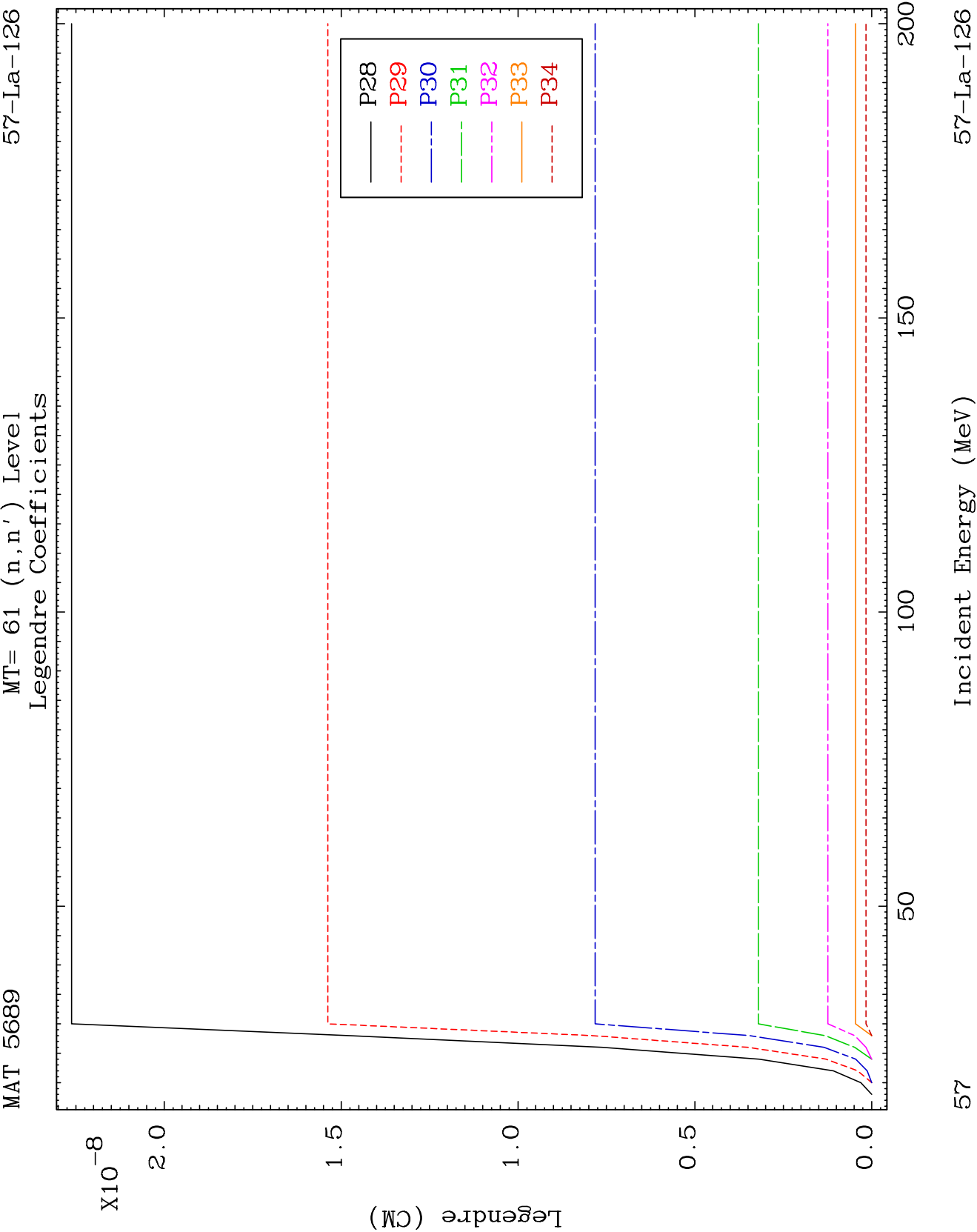
MAT 5689

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

57-La-126



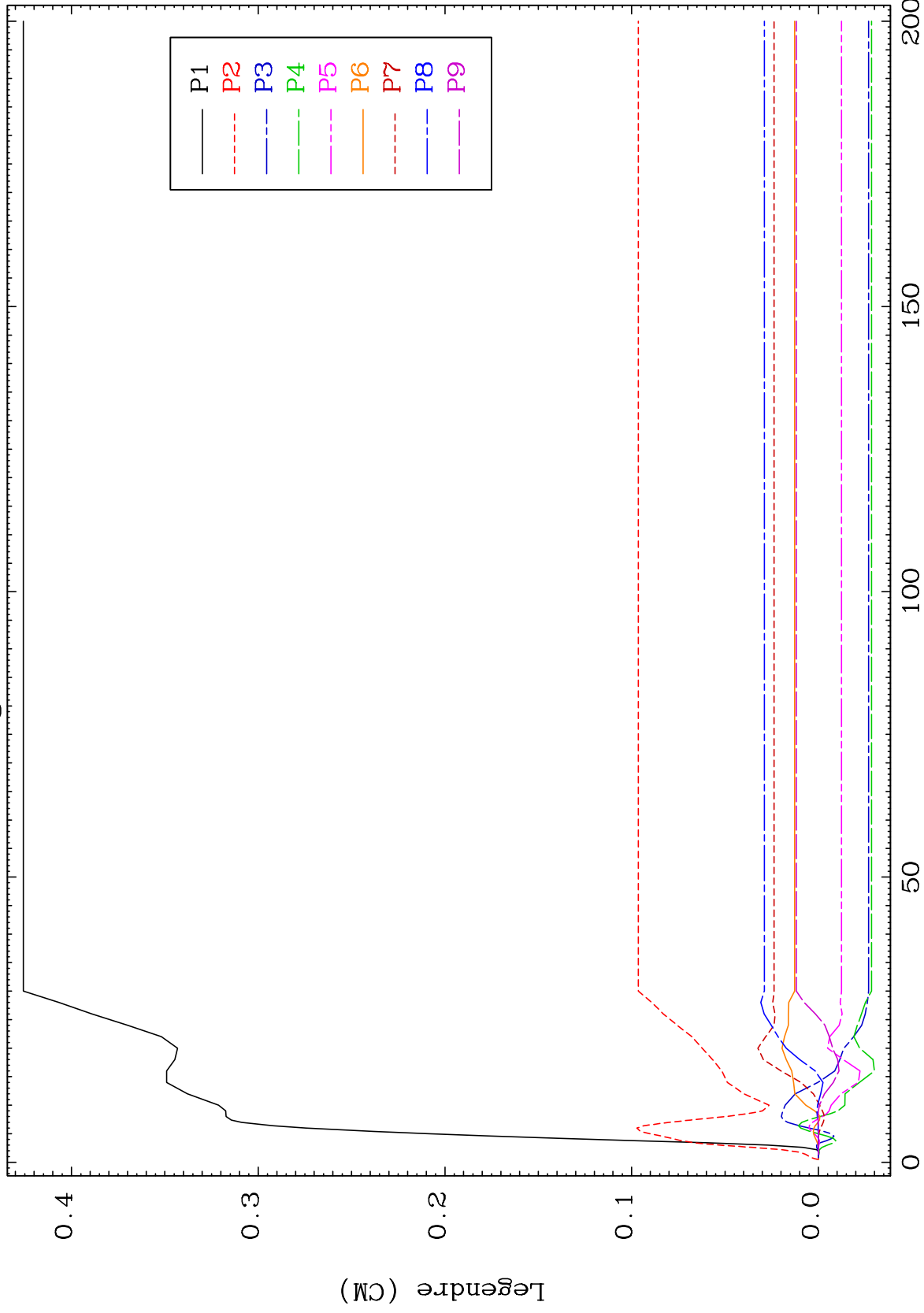




MAT 5689

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

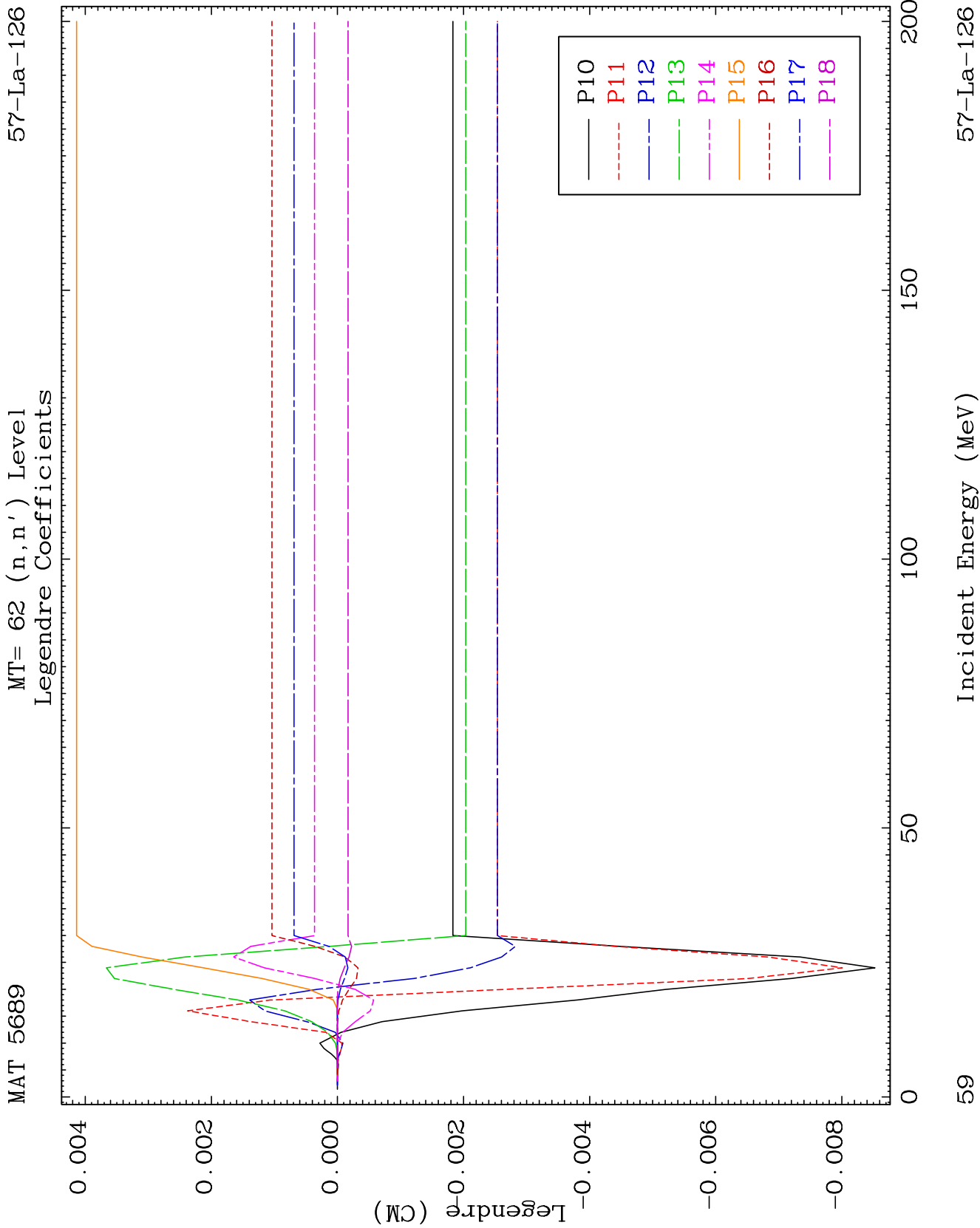
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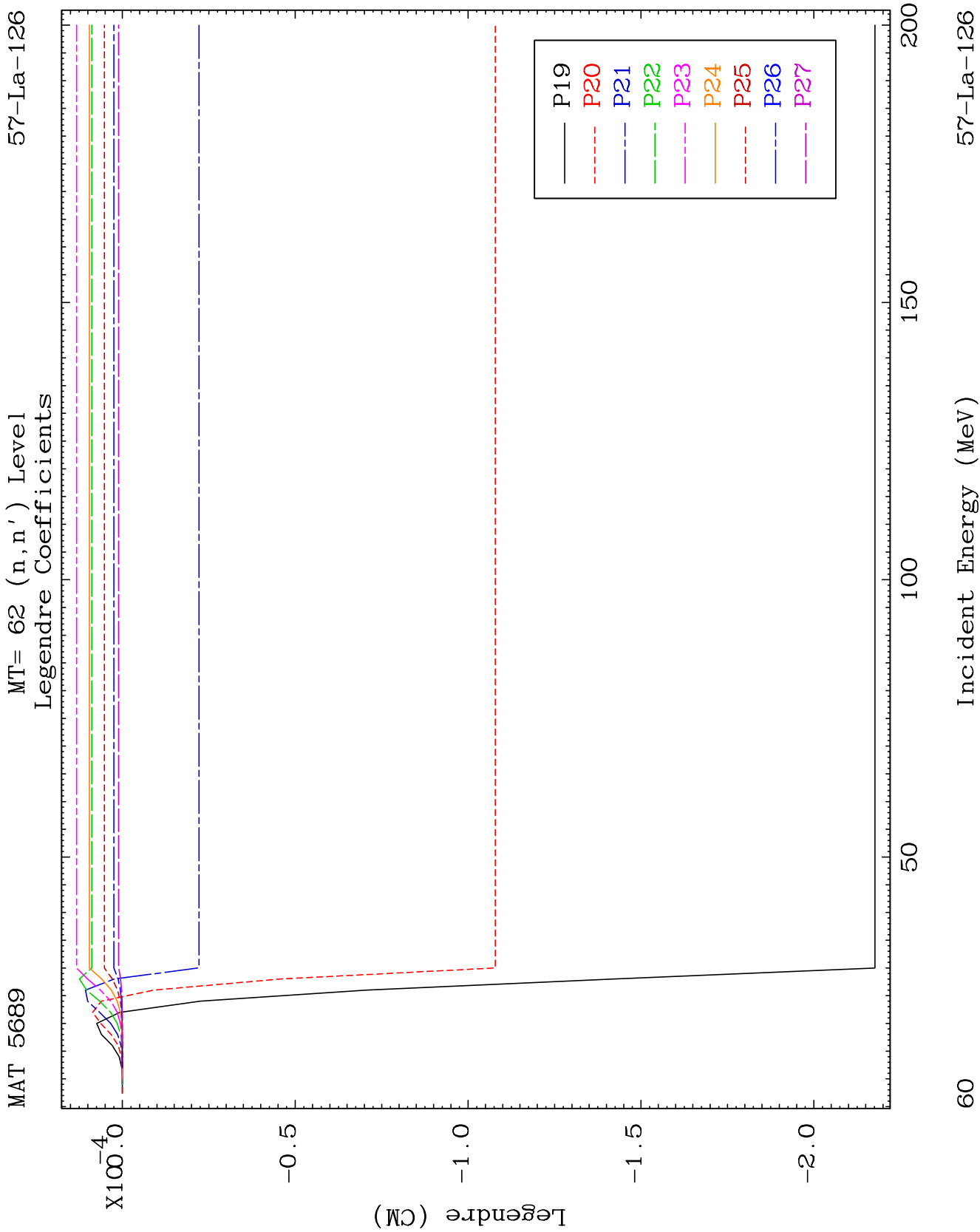


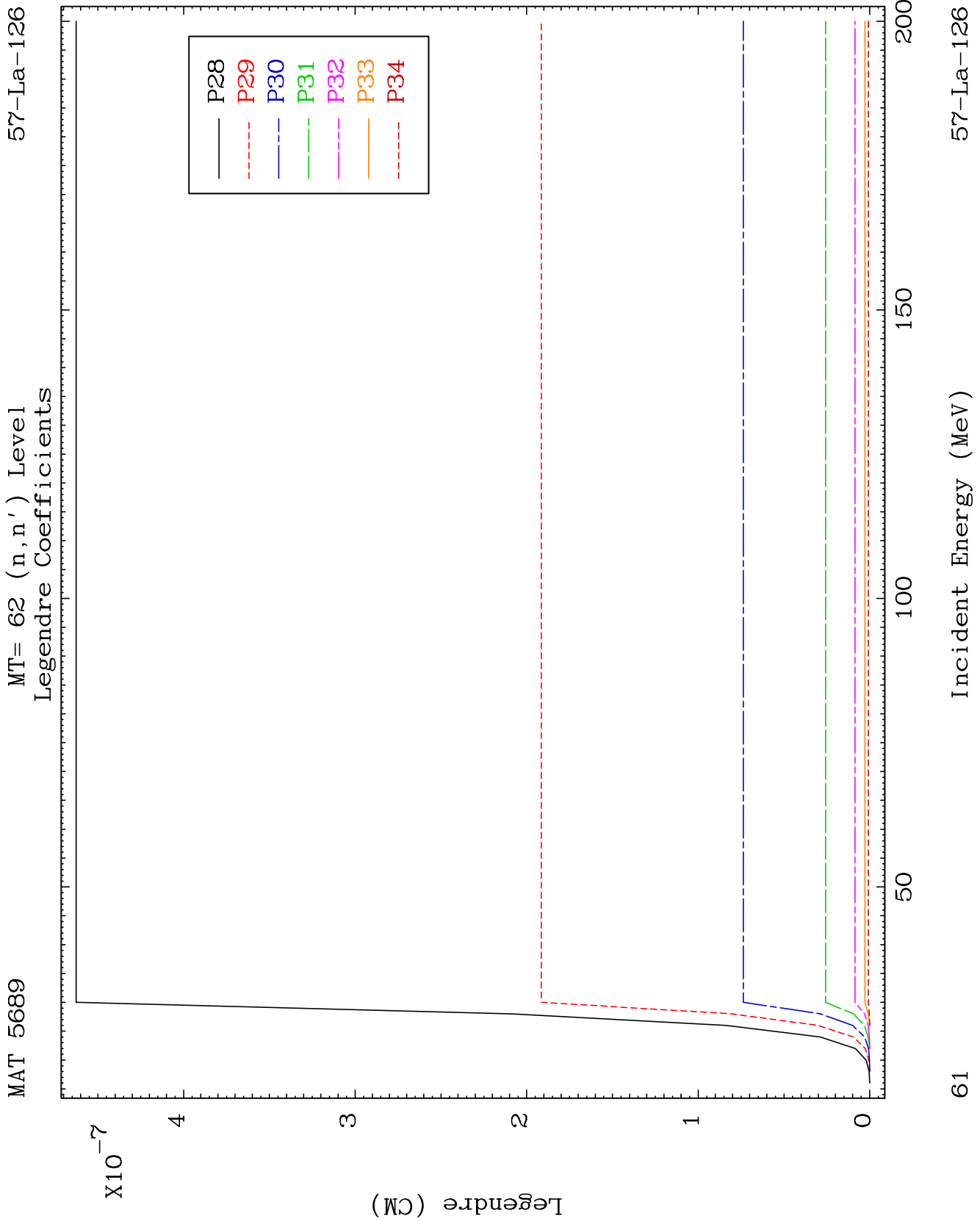
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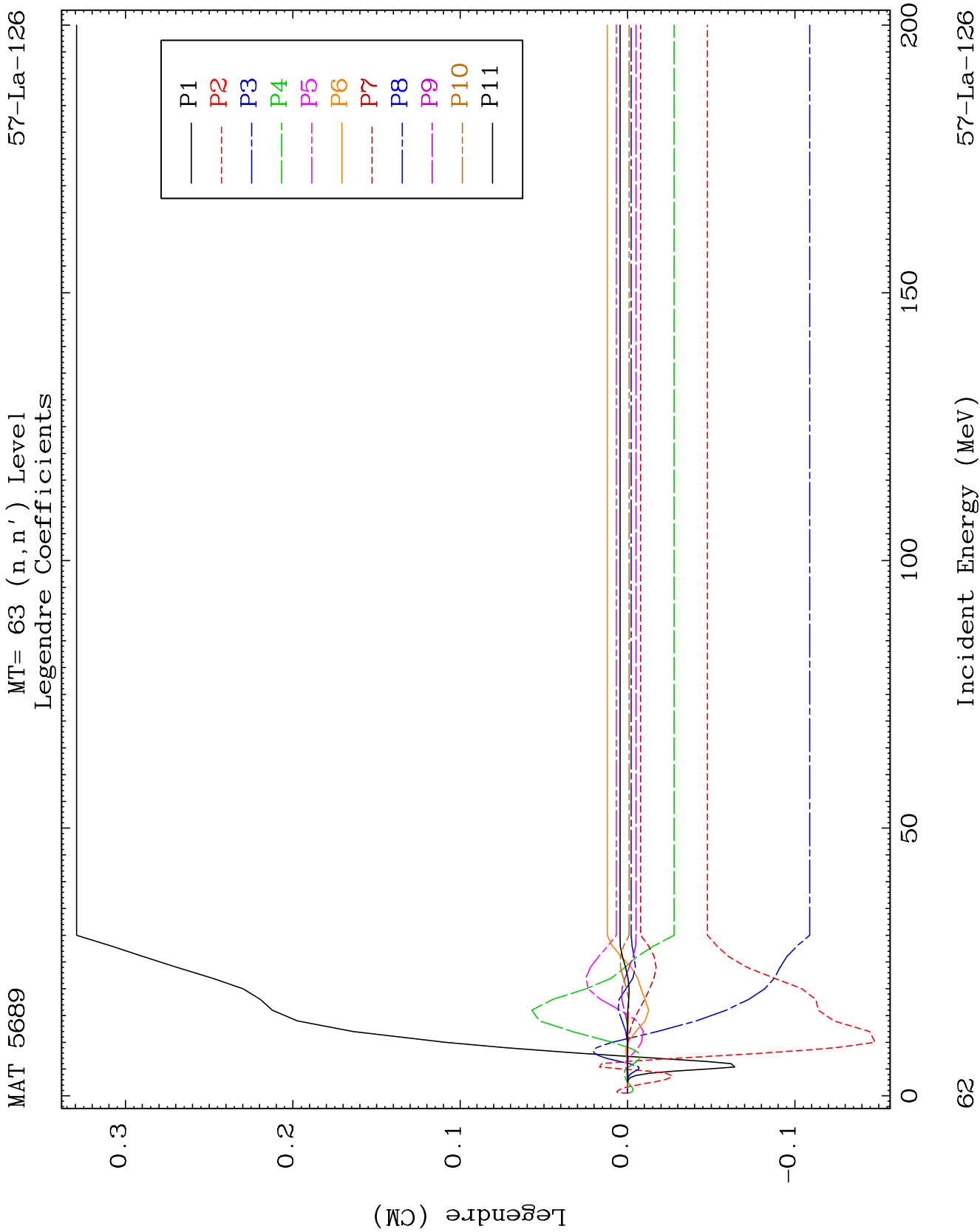
Incident Energy (MeV)

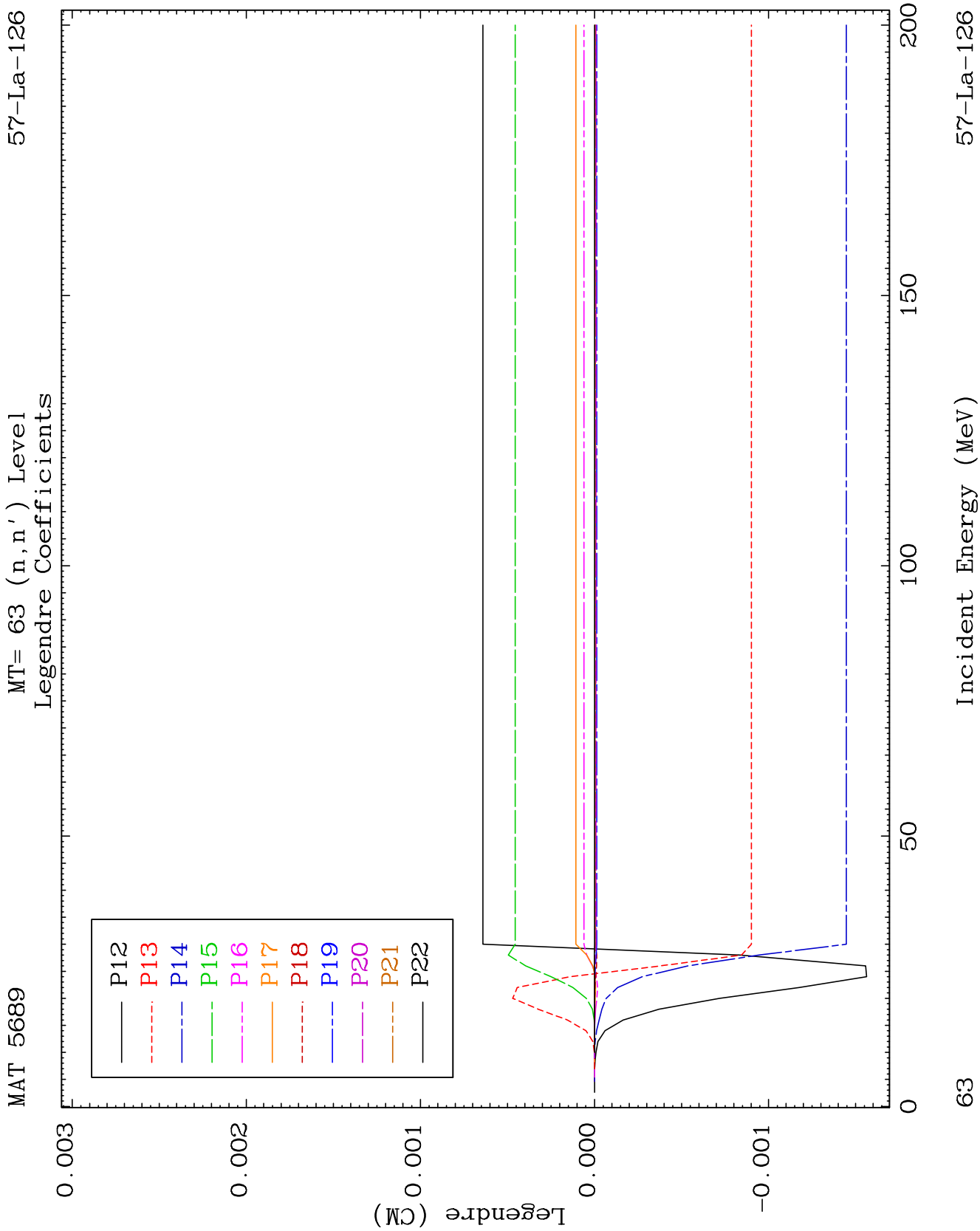
57-La-126

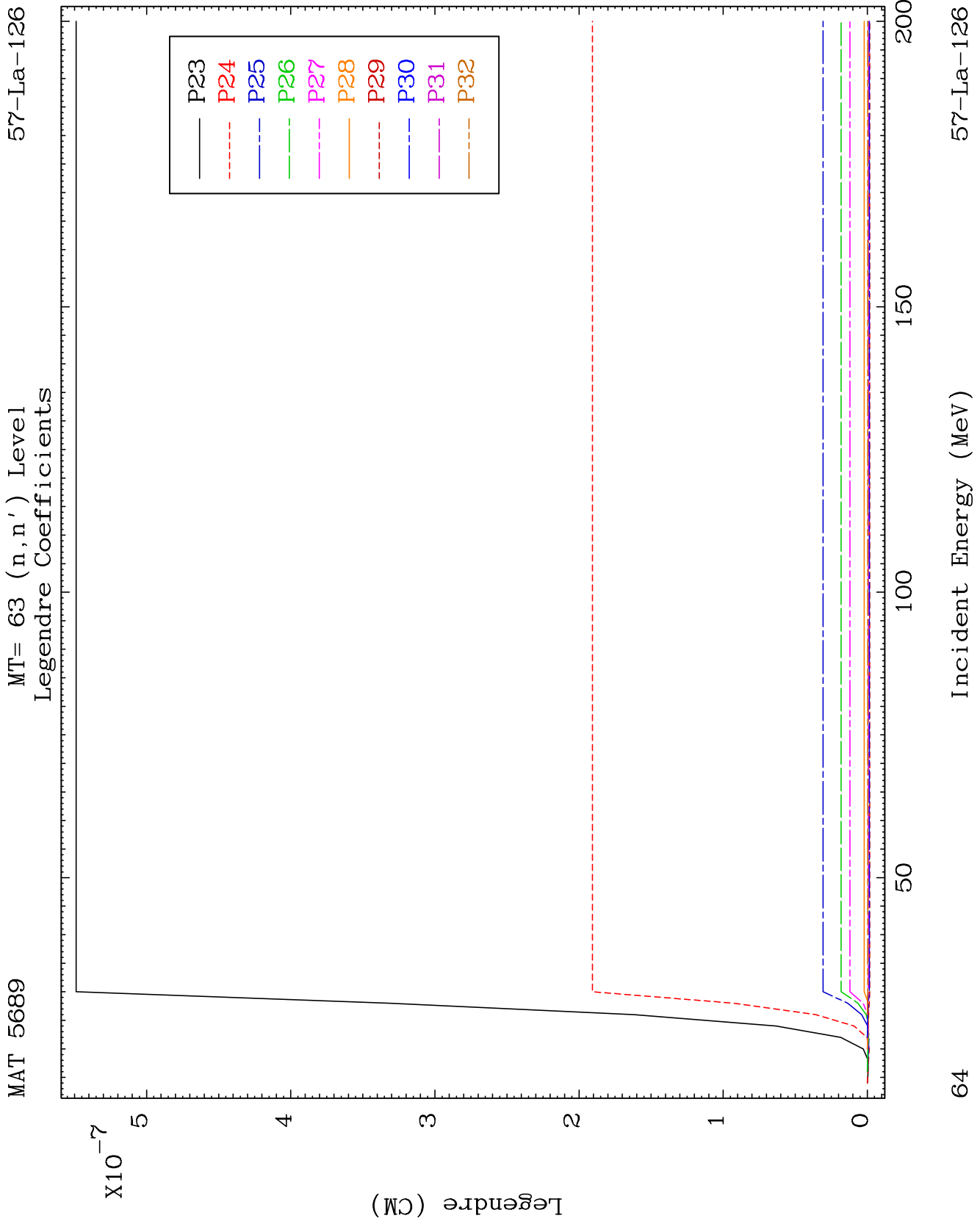








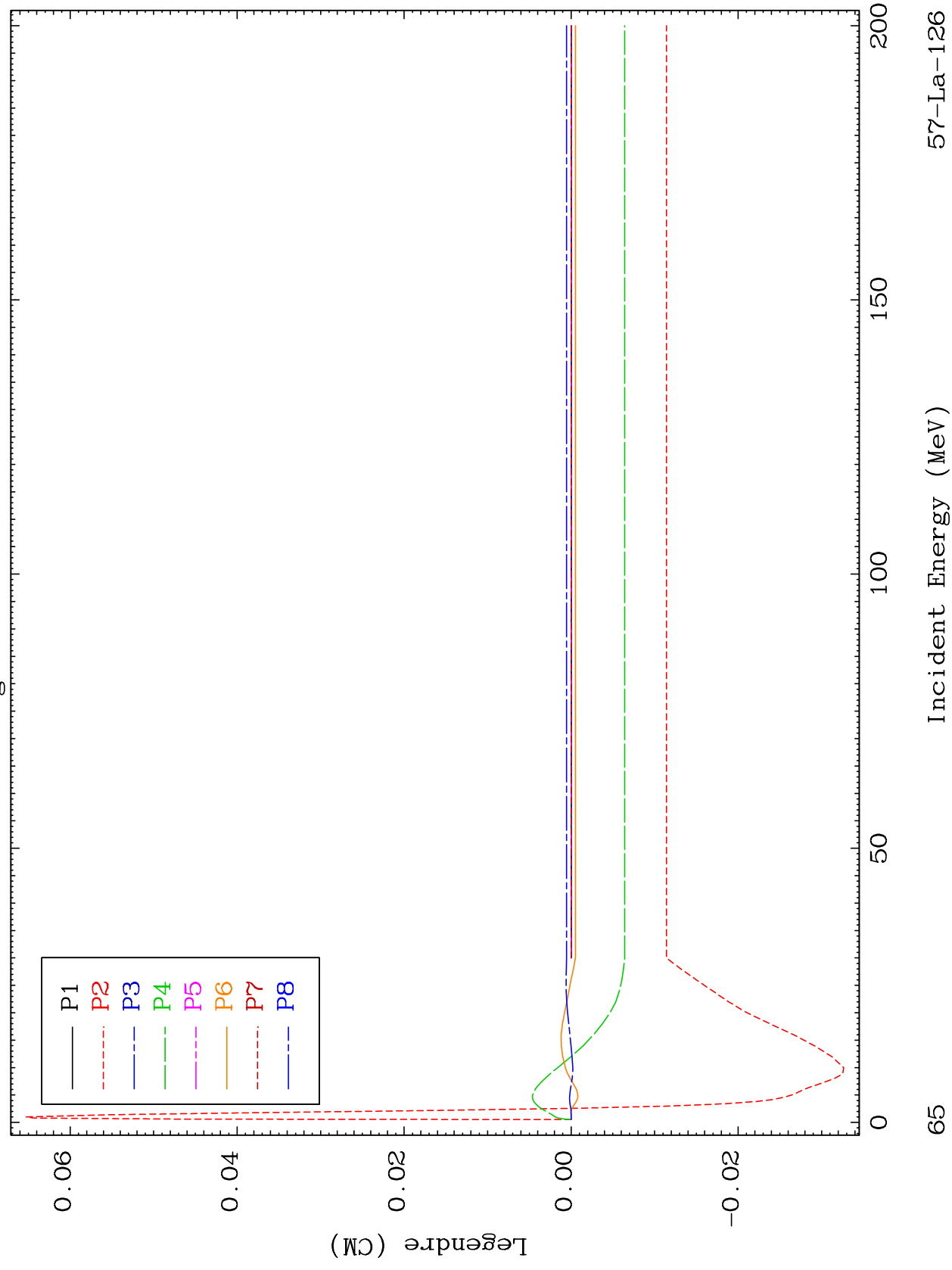


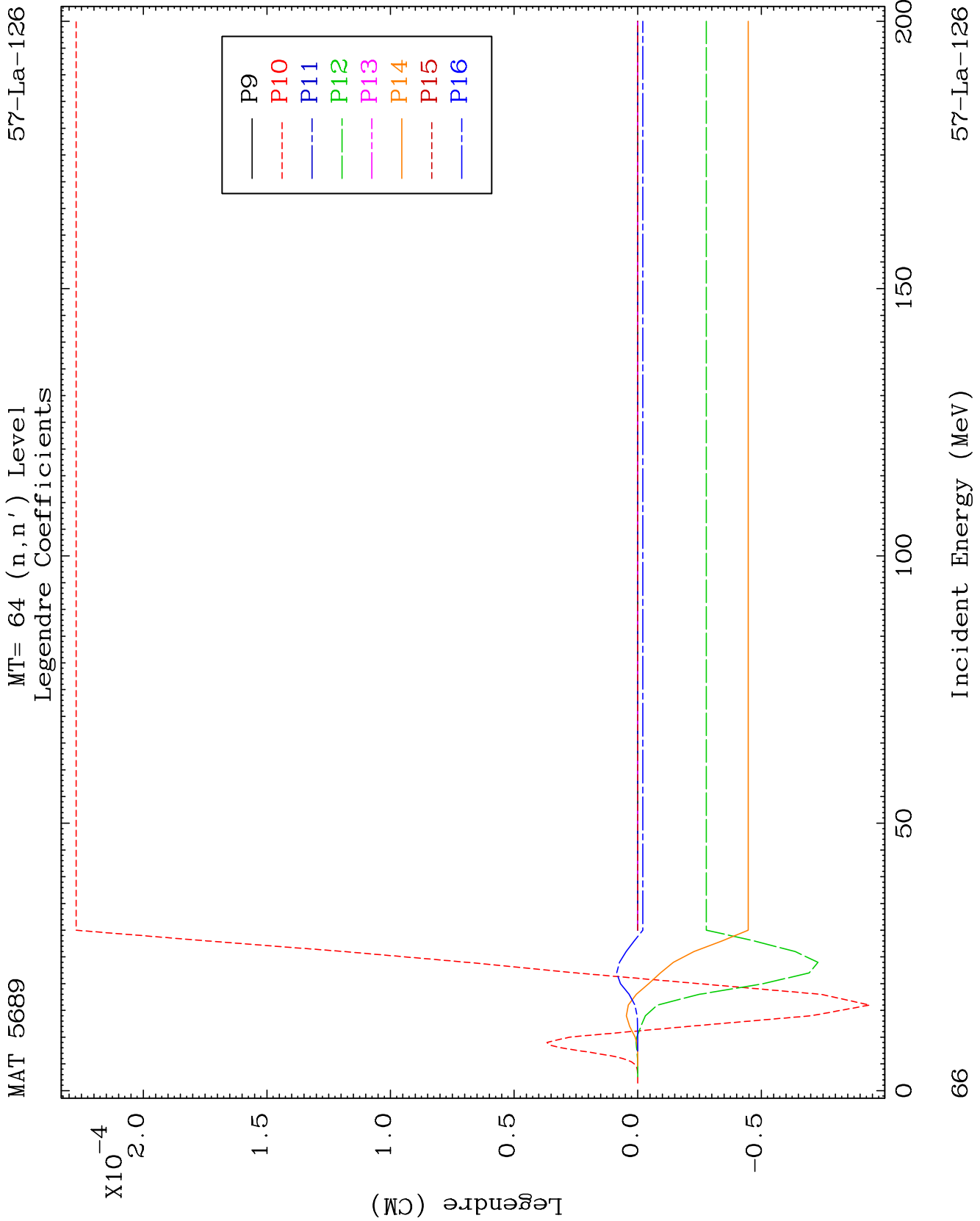


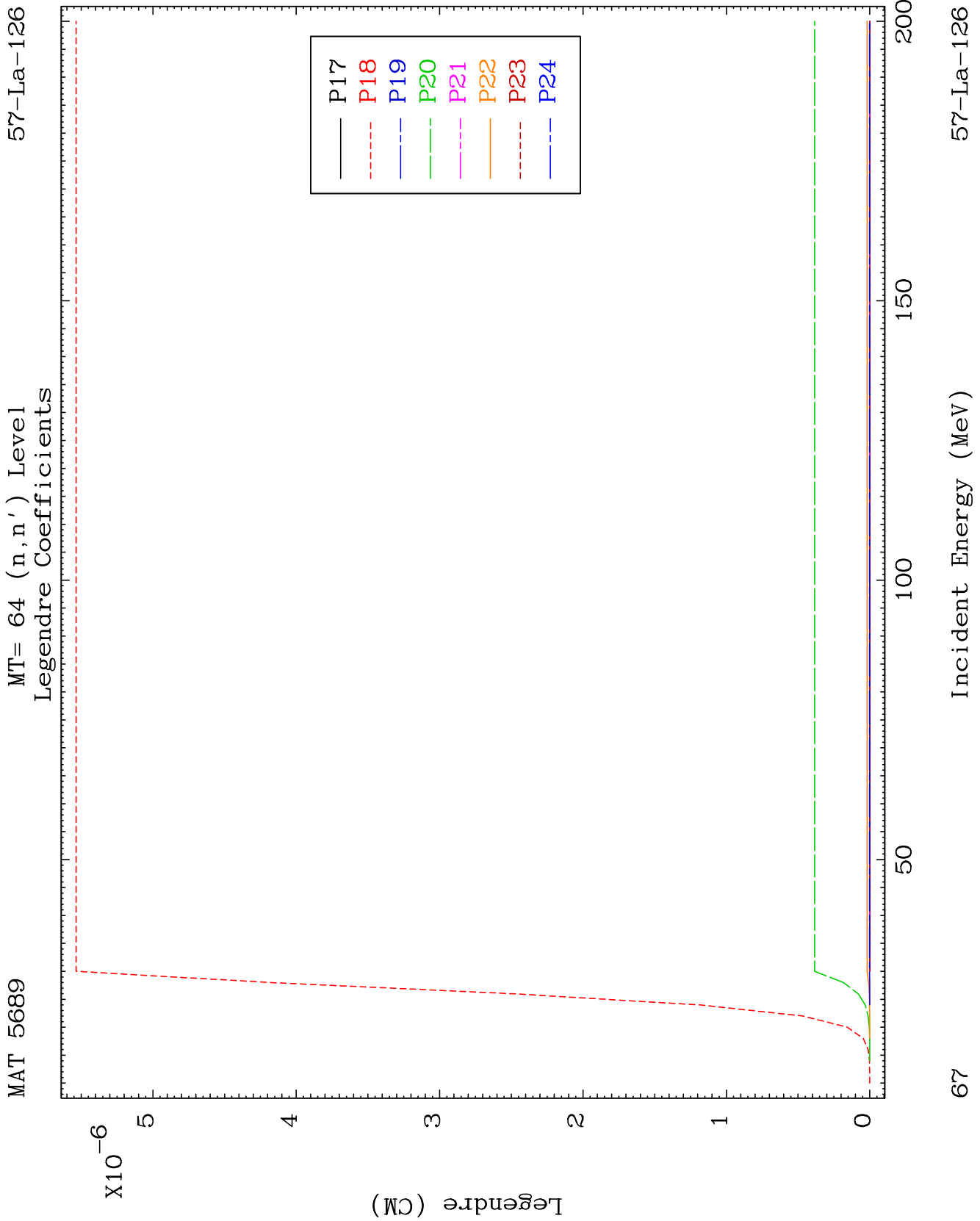
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MT= 64 (n, n') Level
Legendre Coefficients

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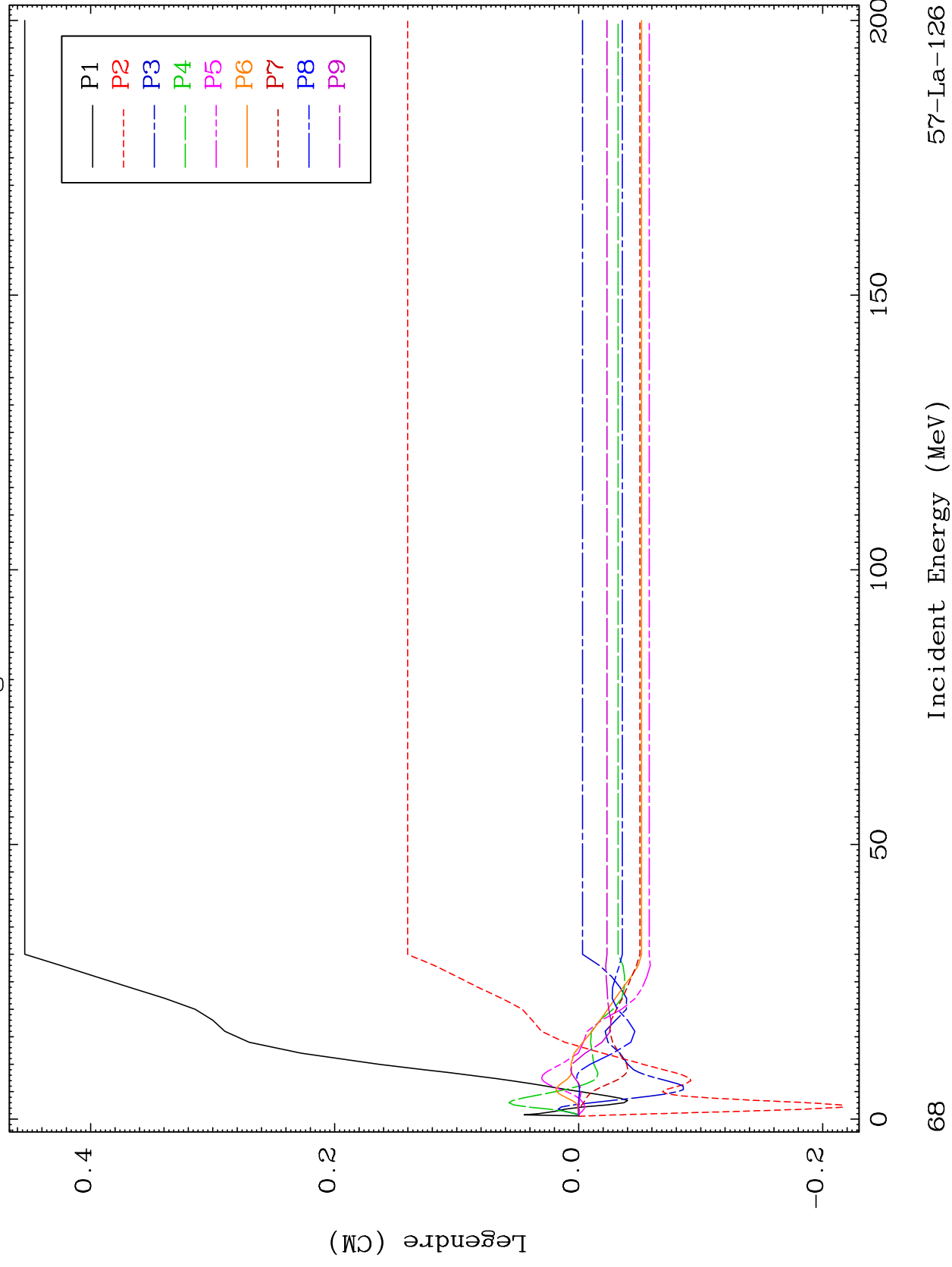


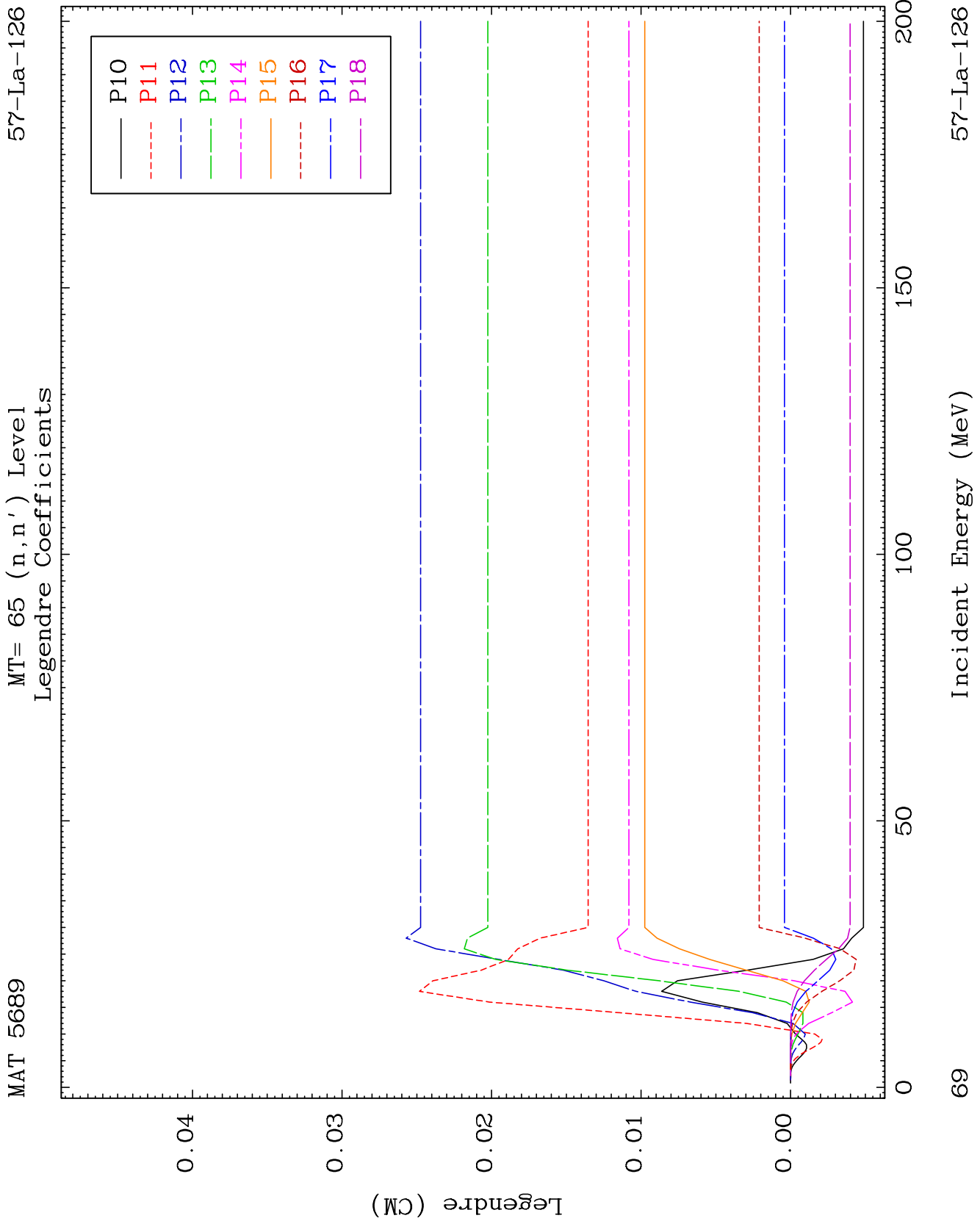


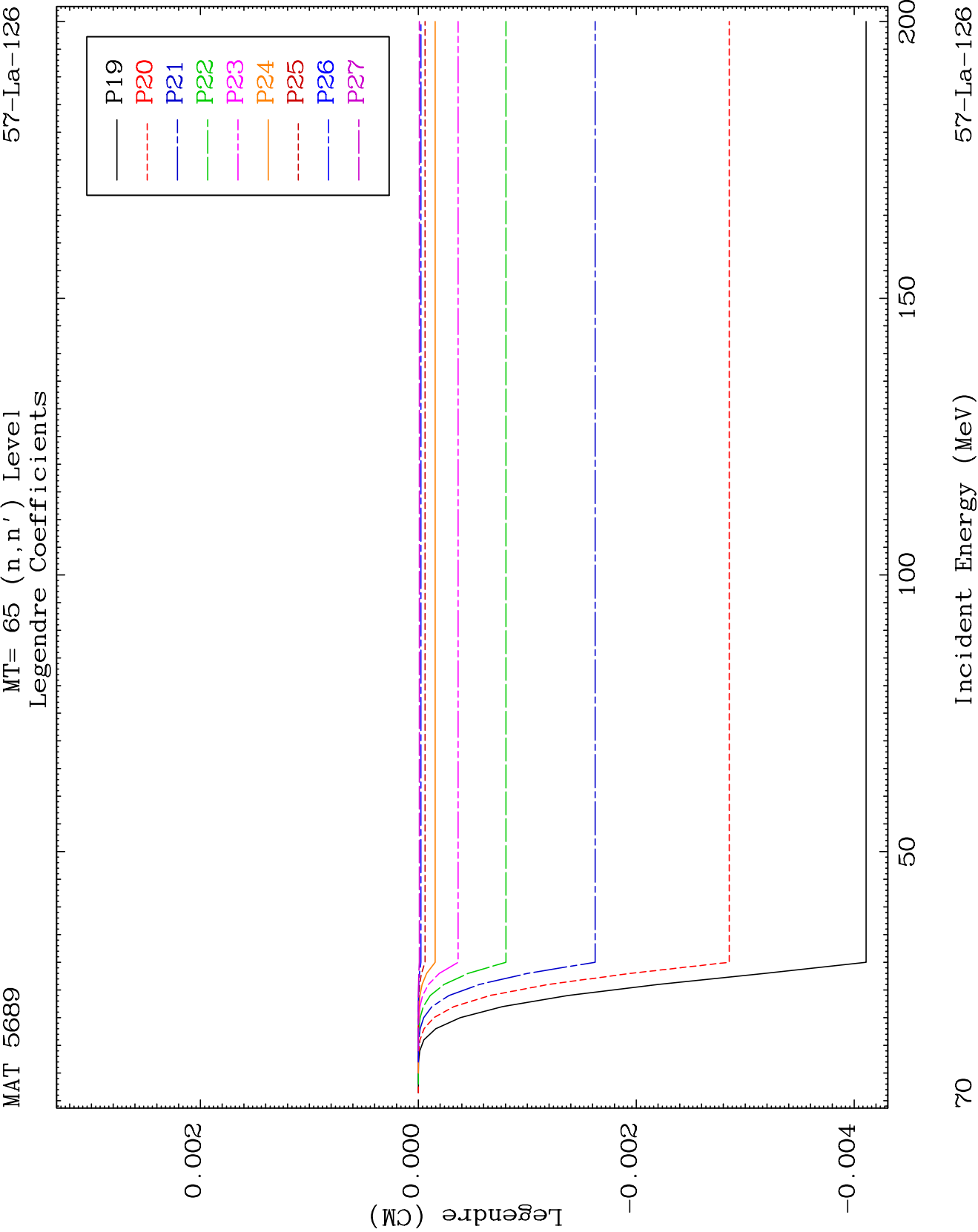
MAT 5689

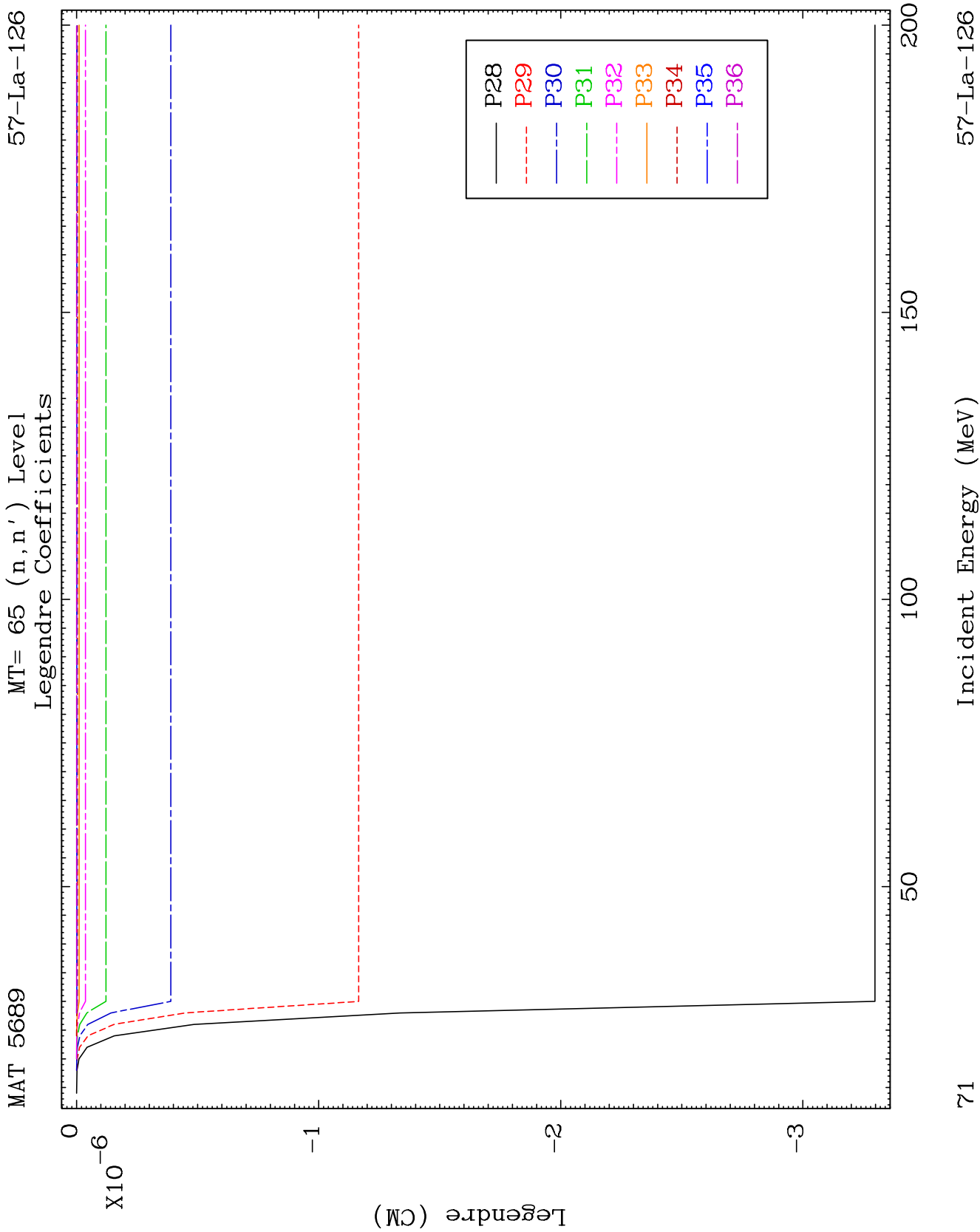
MT= 65 (n, n') Level
Legendre Coefficients

57-La-126

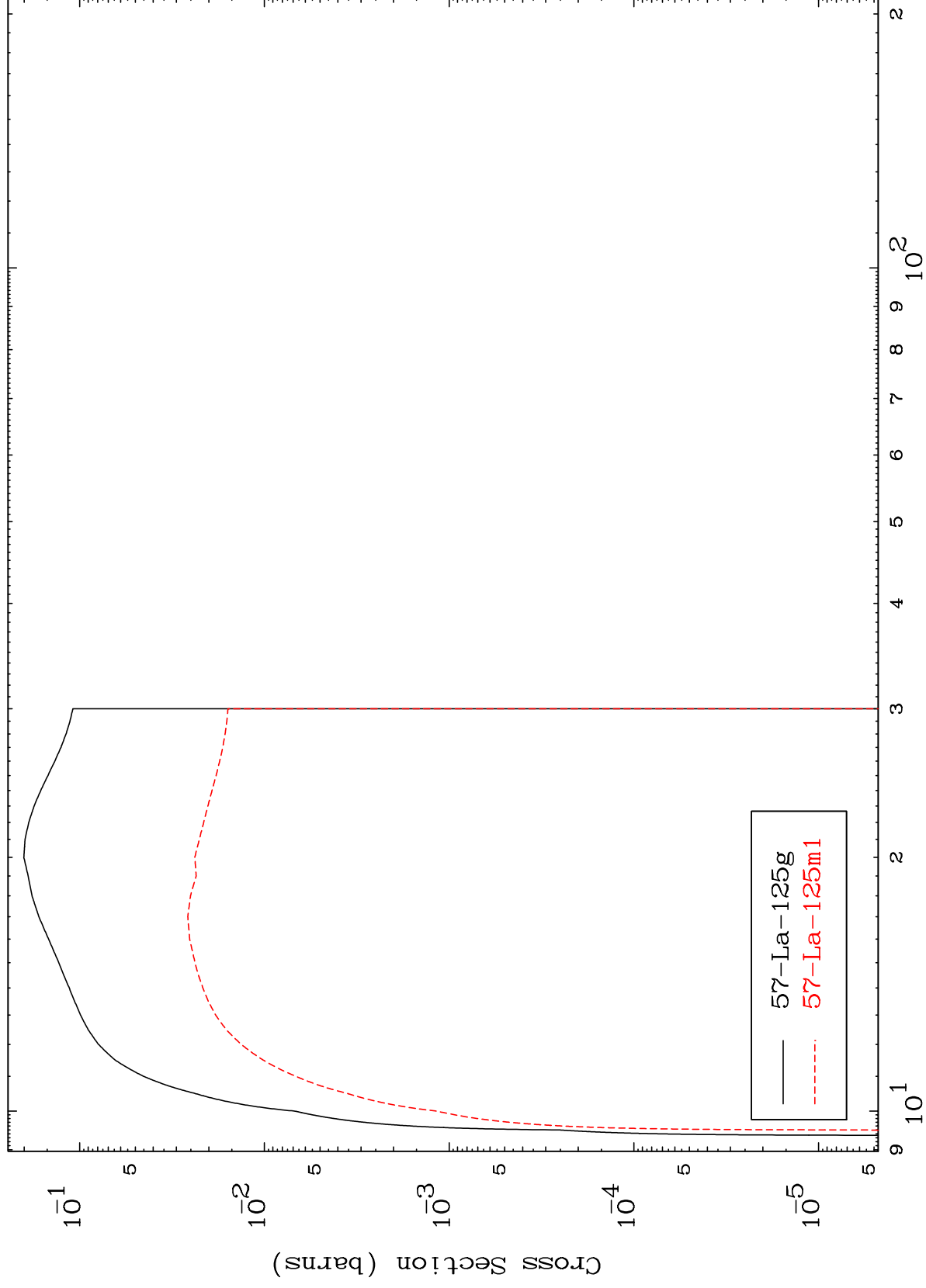




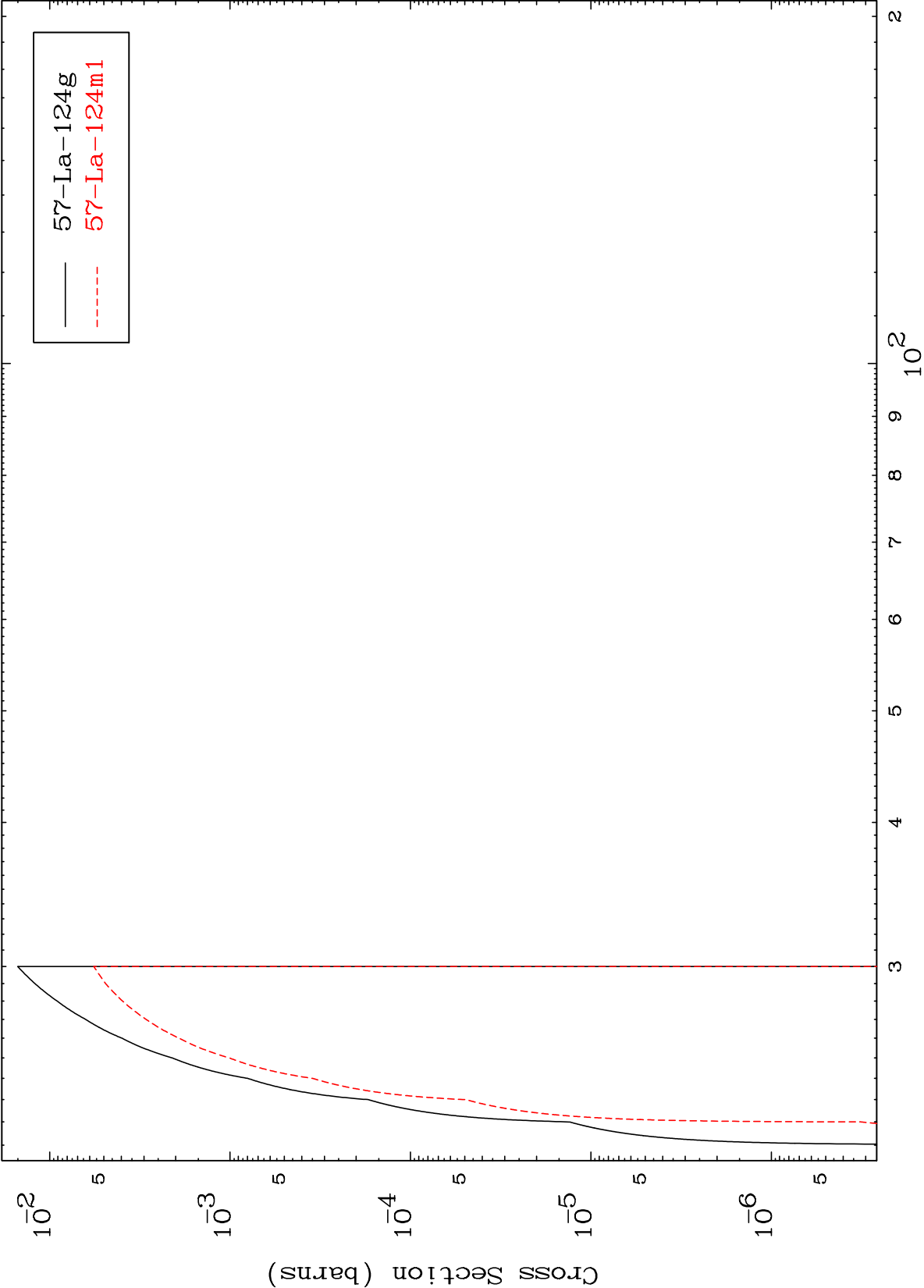




(n,2n)
Radionuclide Production Cross Section



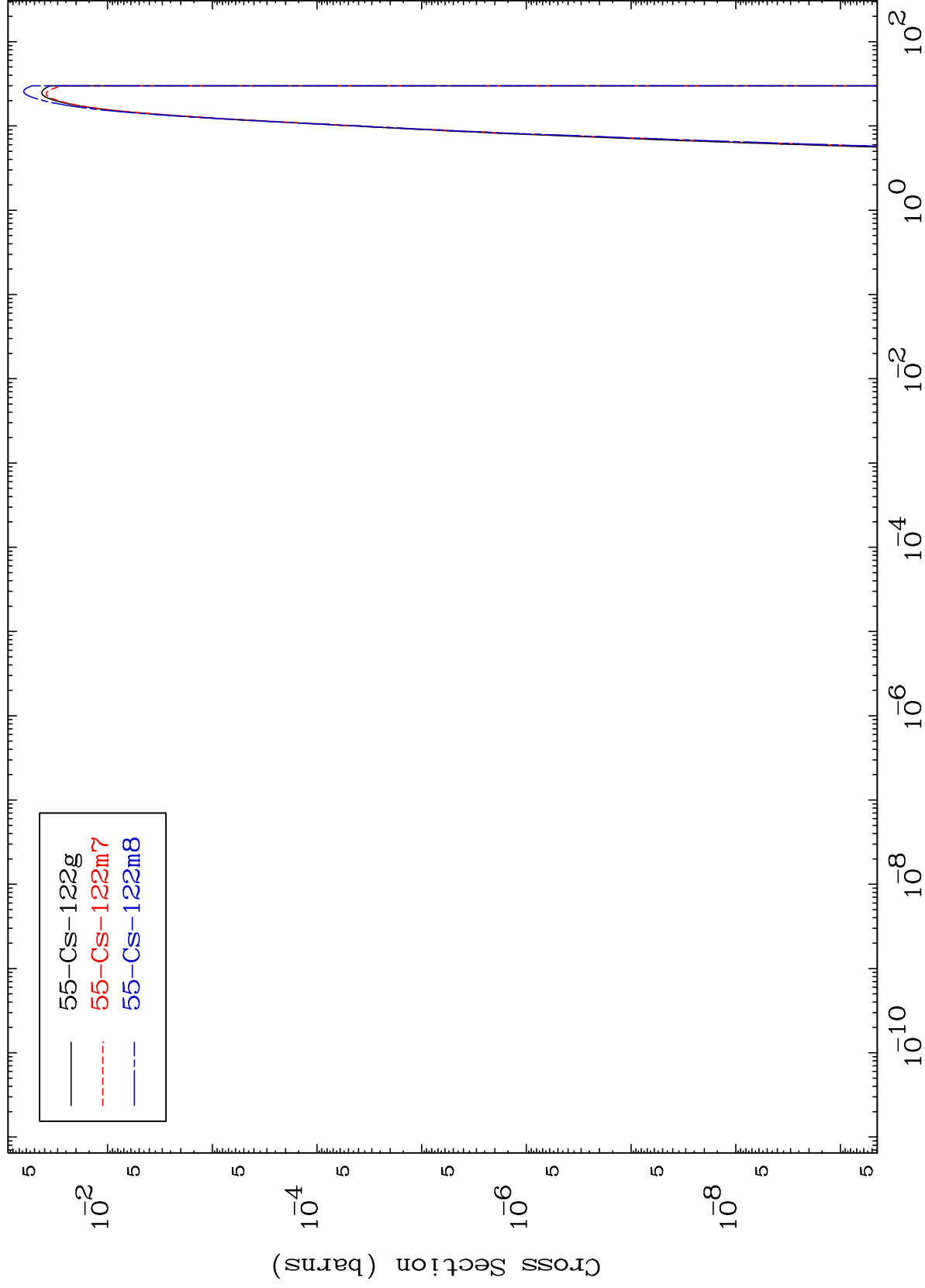
(n,3n)
Radionuclide Production Cross Section



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



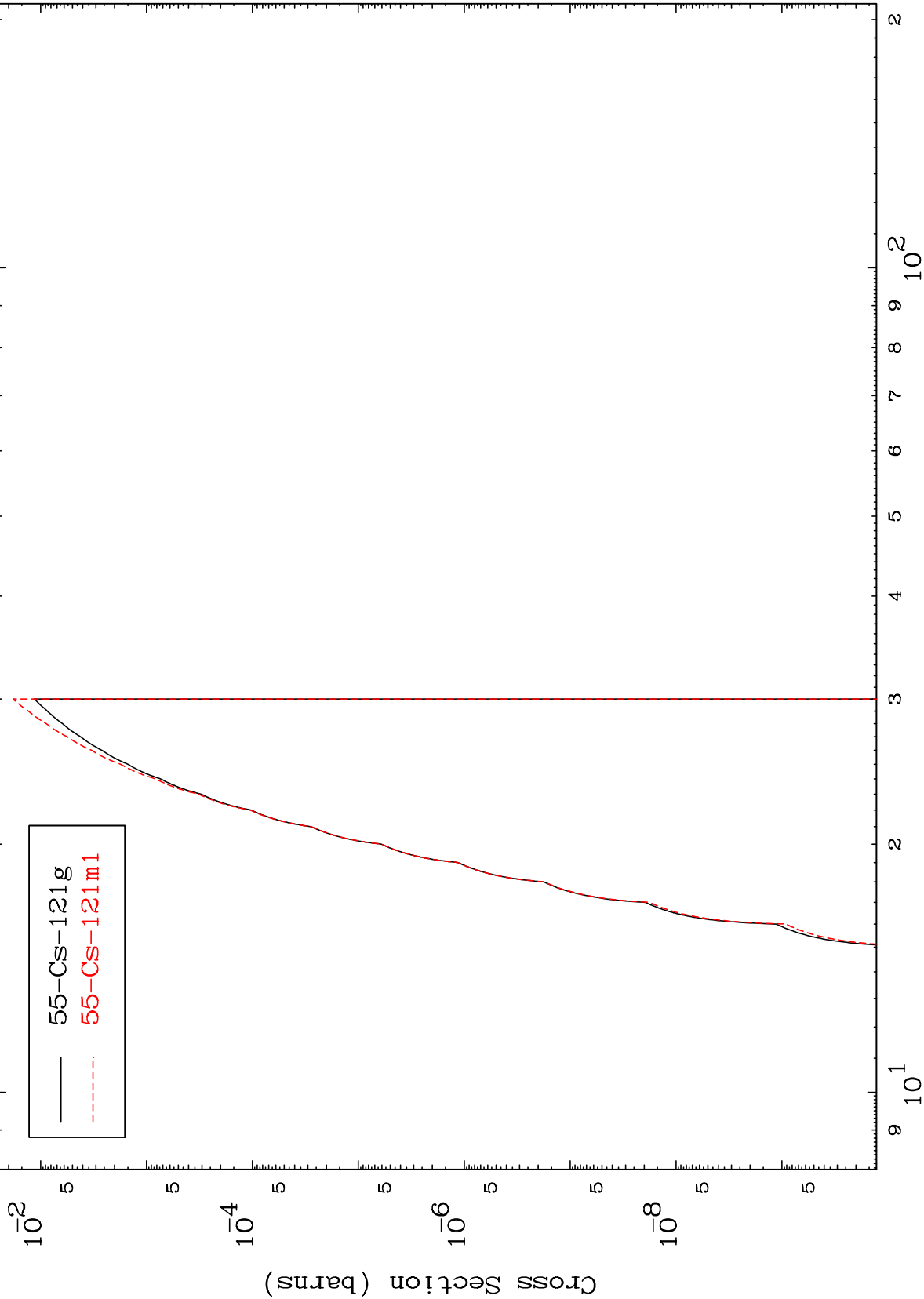
74

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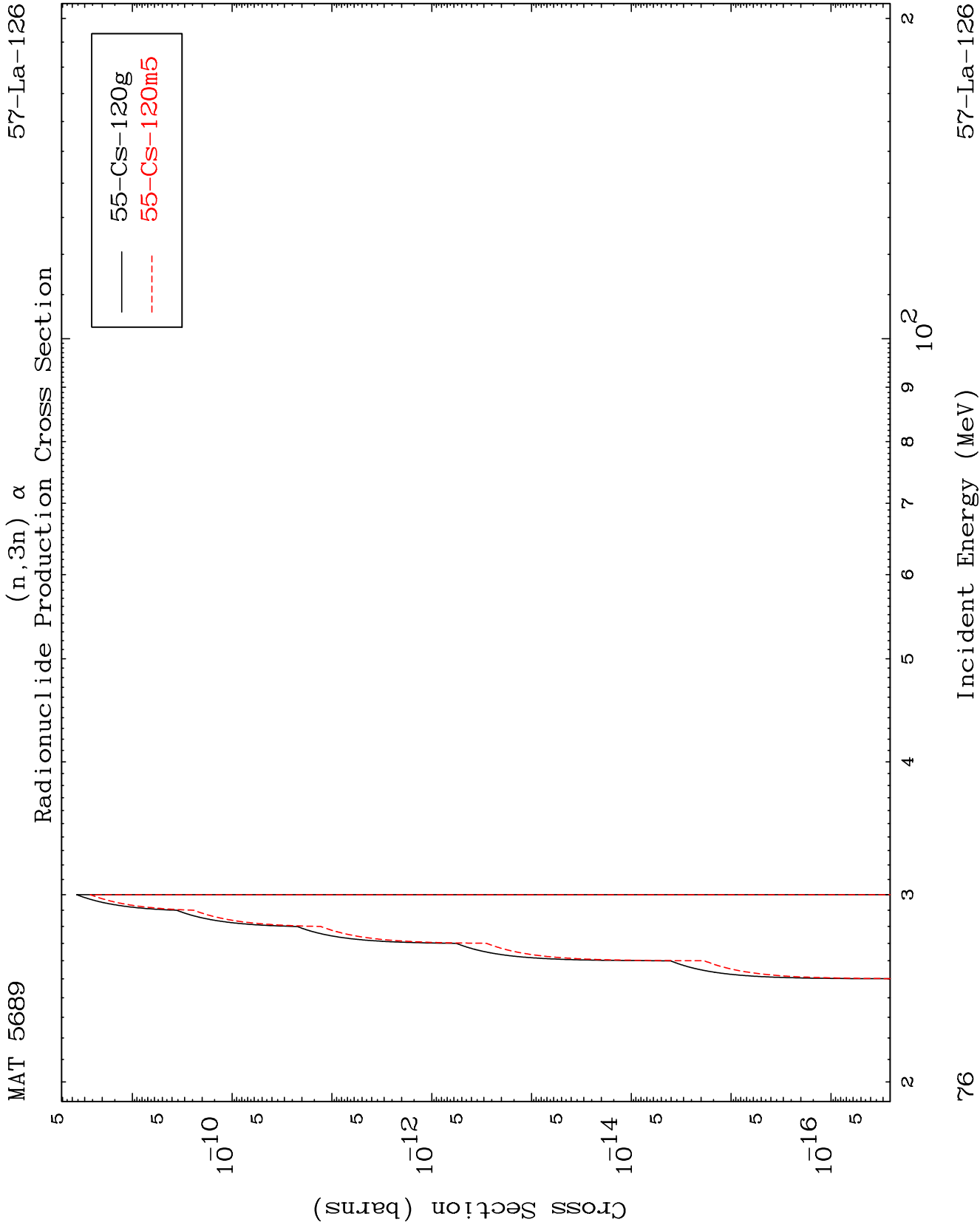
(n,2n) α
Radionuclide Production Cross Section

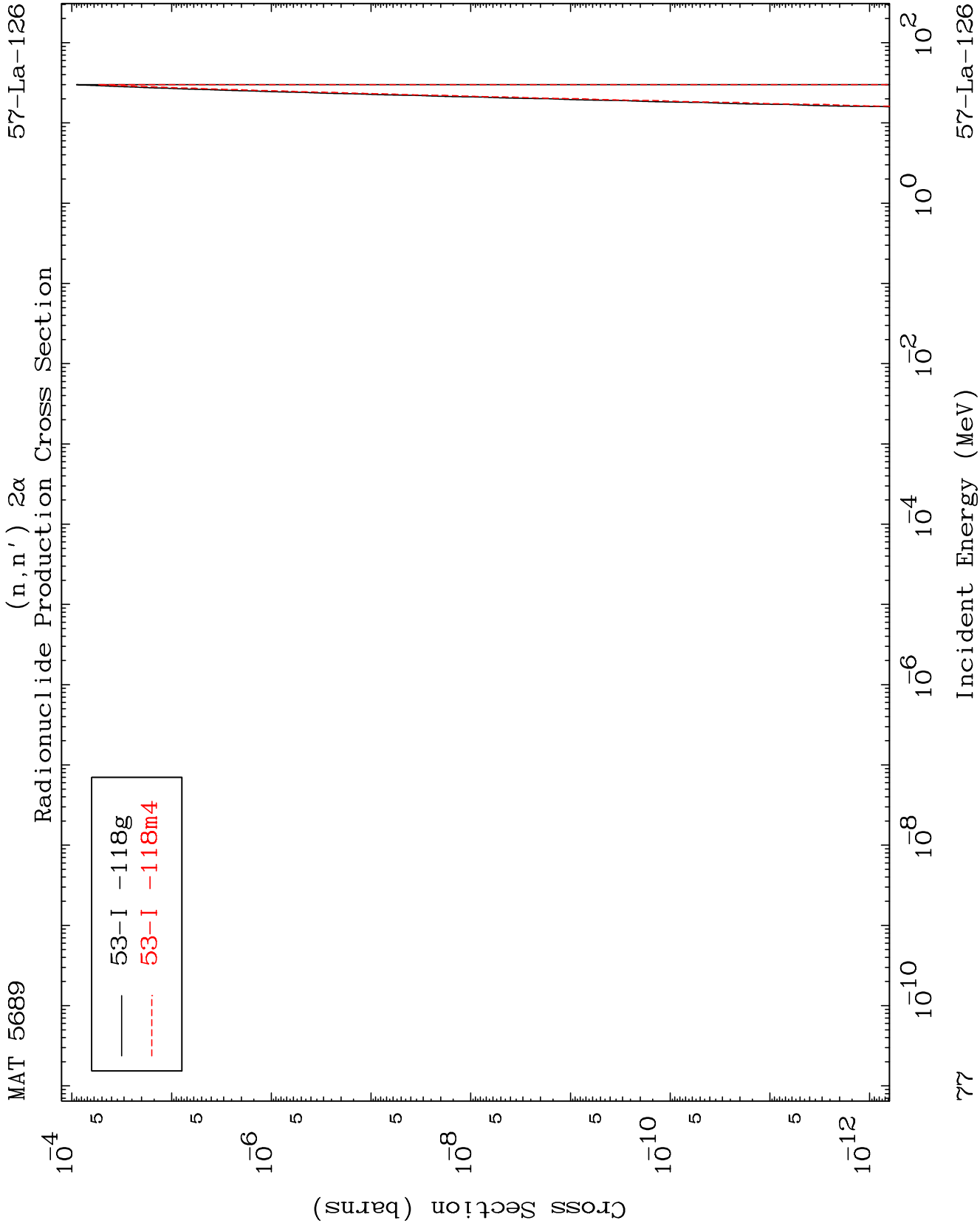


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Incident Energy (MeV)

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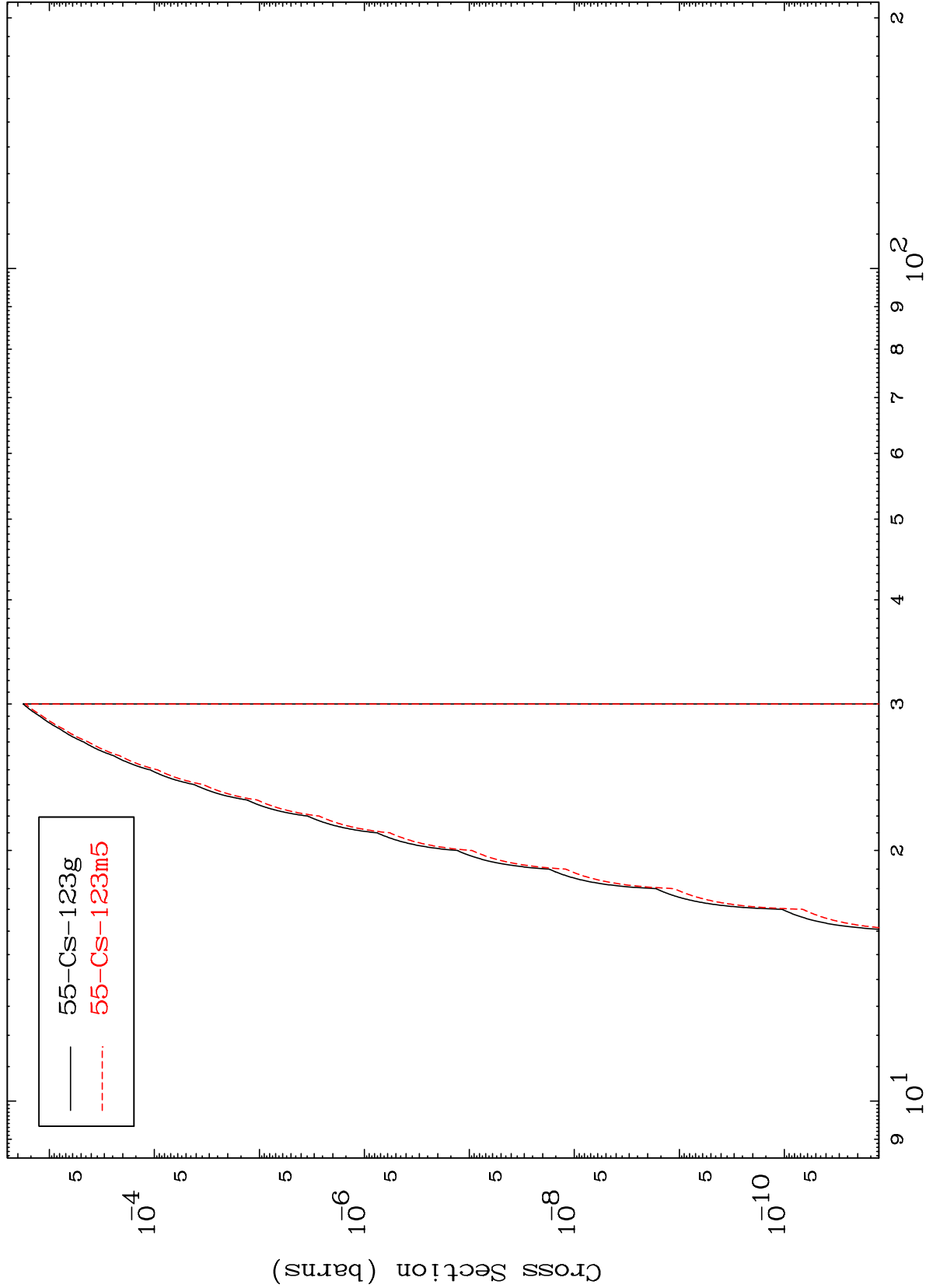


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(n,n') He-3

57-La-126

Radionuclide Production Cross Section

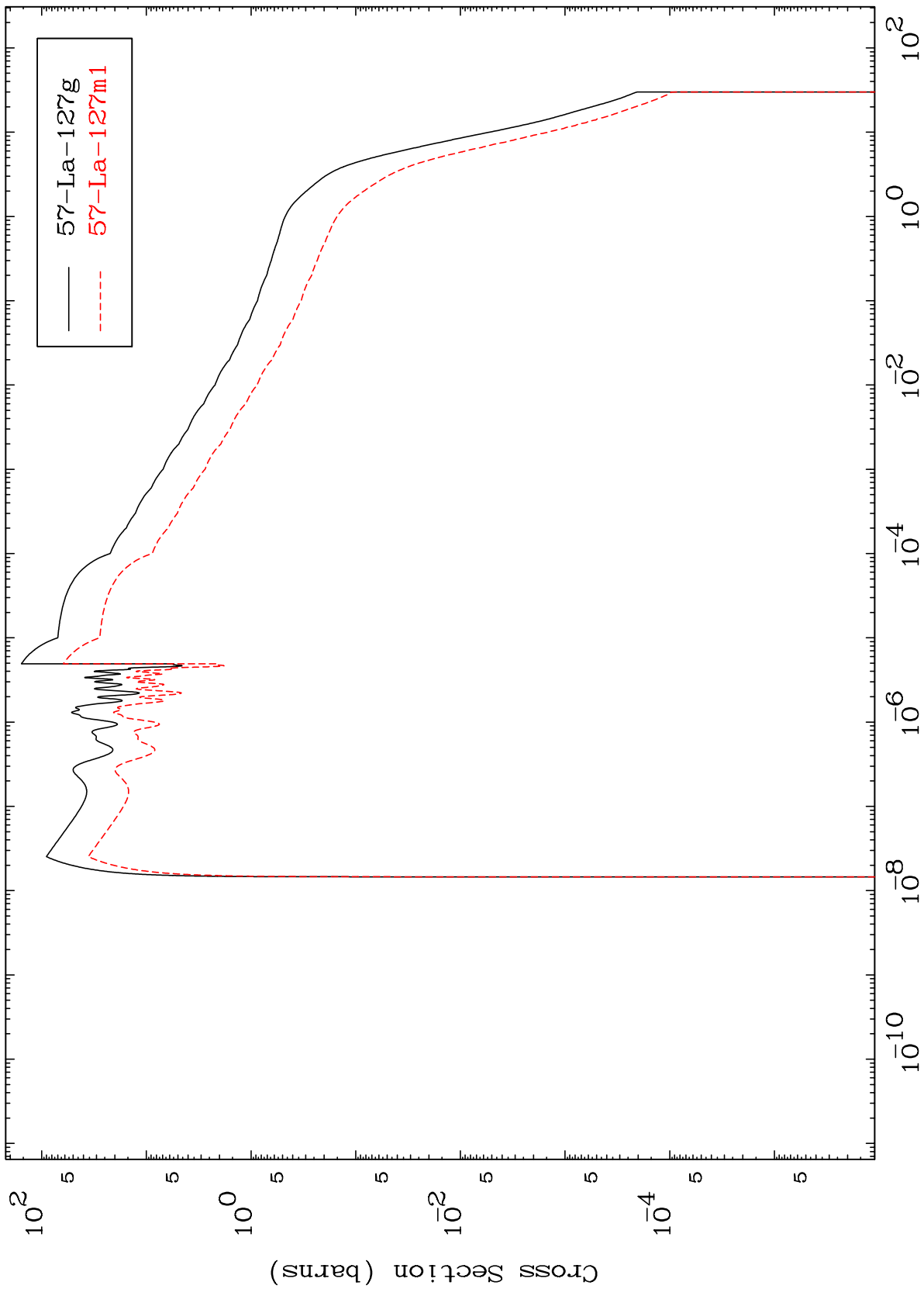


78

Incident Energy (MeV)

57-La-126

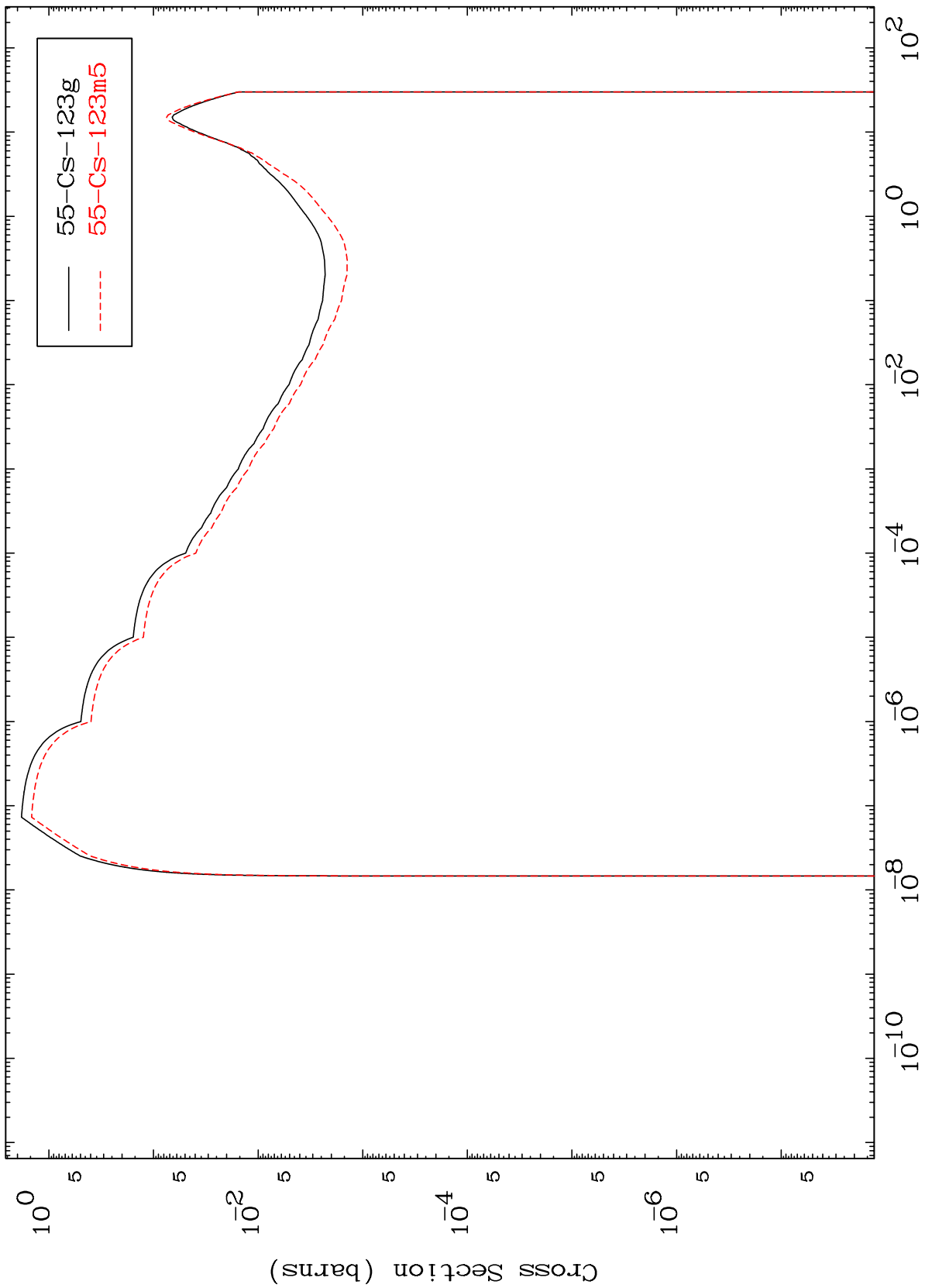
Radionuclide Production Cross Section
(n, γ)



MAT 5689

57-La-126

(n, α)
Radionuclide Production Cross Section



80

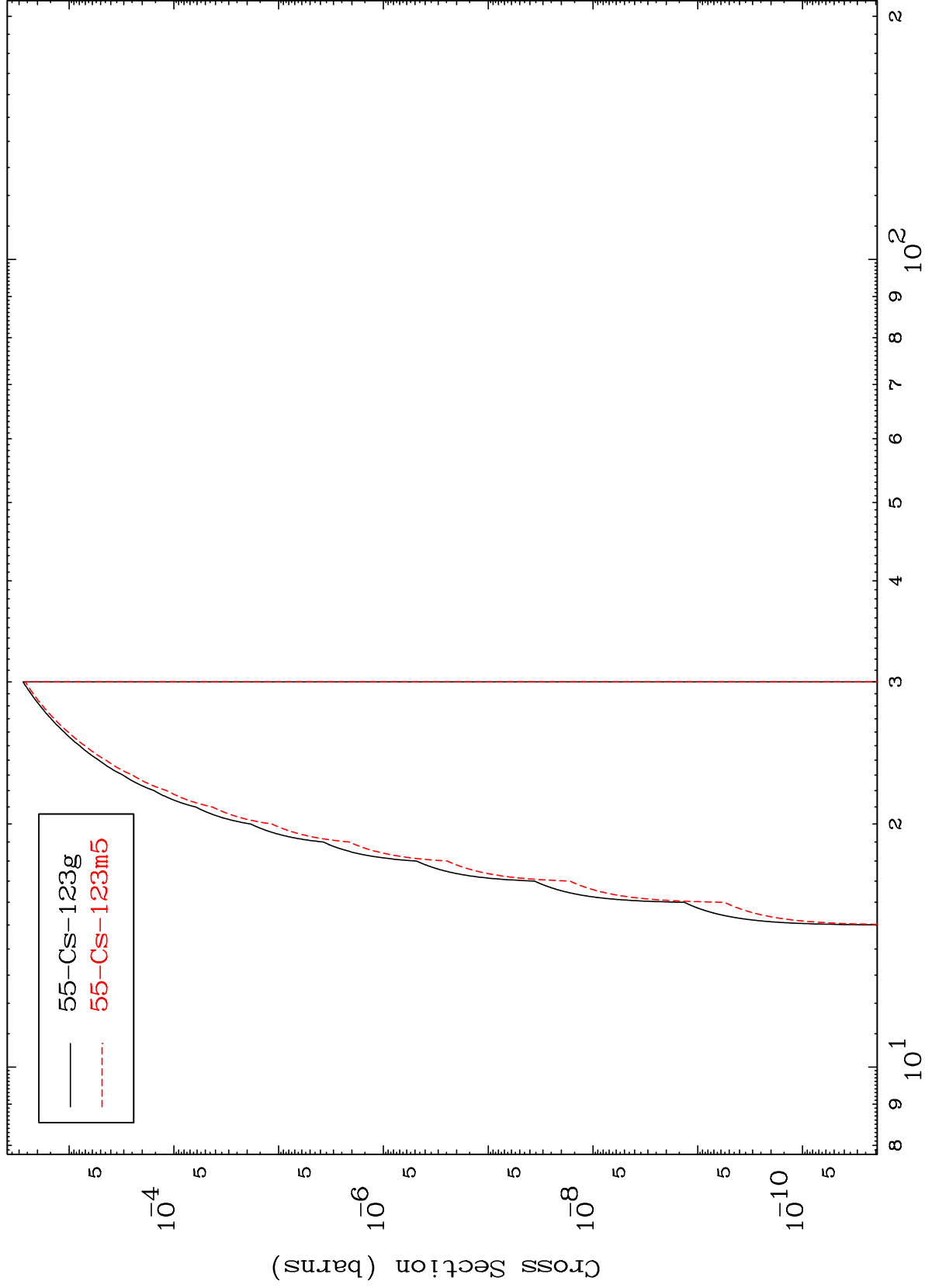
57-La-126

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(n,p) t

57-La-126

Radionuclide Production Cross Section



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Incident Energy (MeV)

57-La-126