

Program EVALPLOT
(Version 2021-1)

by

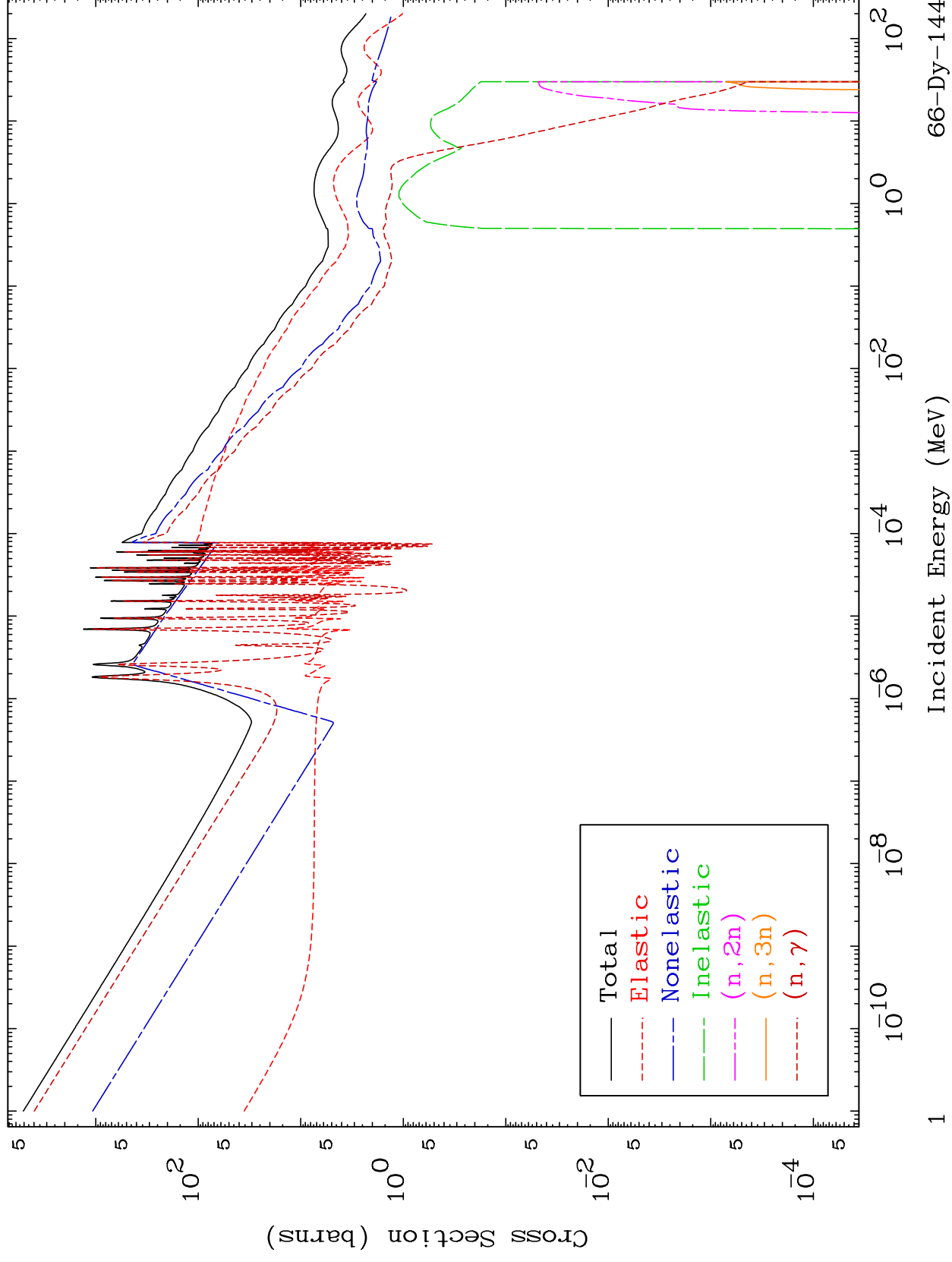
Dermott E. Cullen
(Present Contact Information)

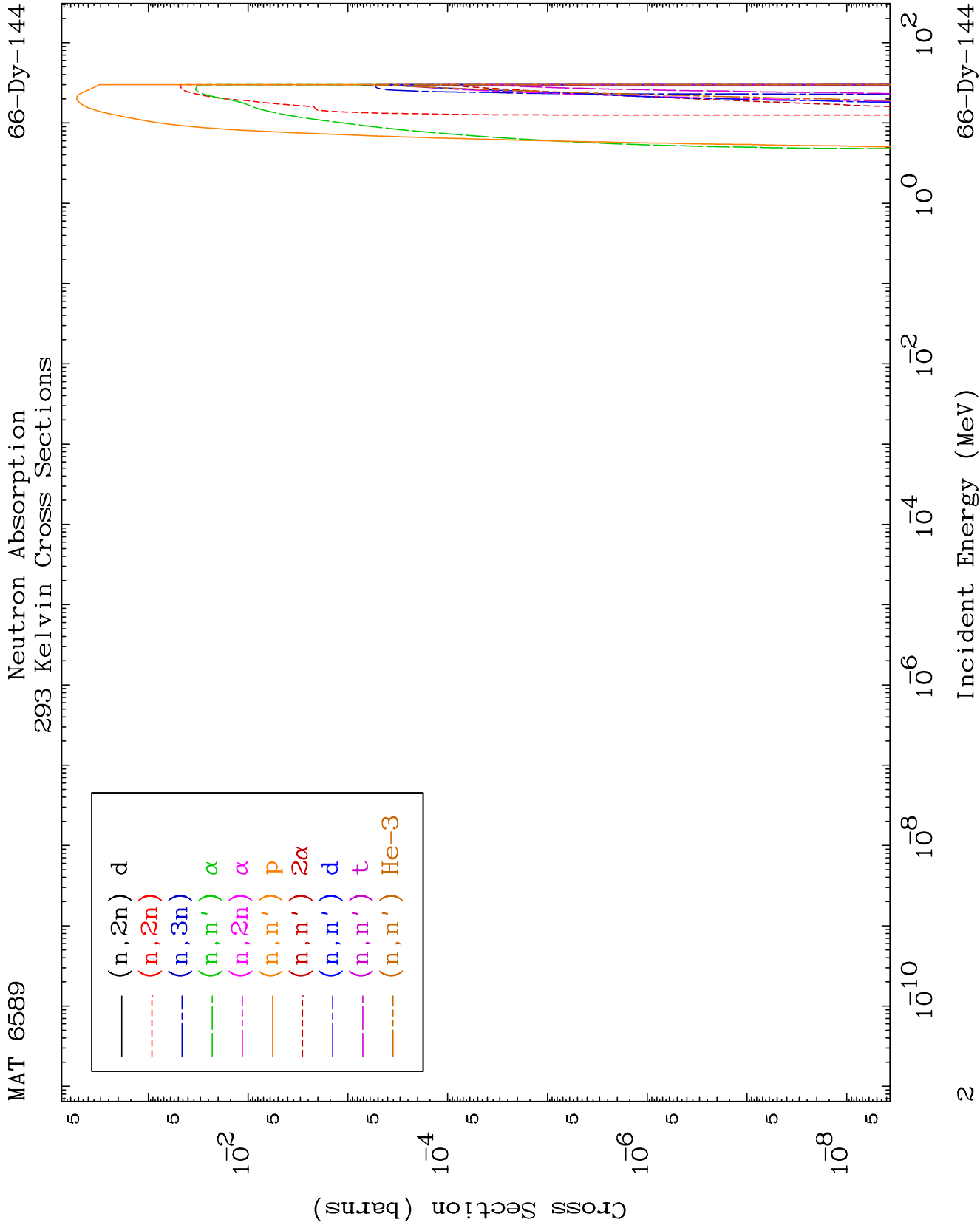
Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

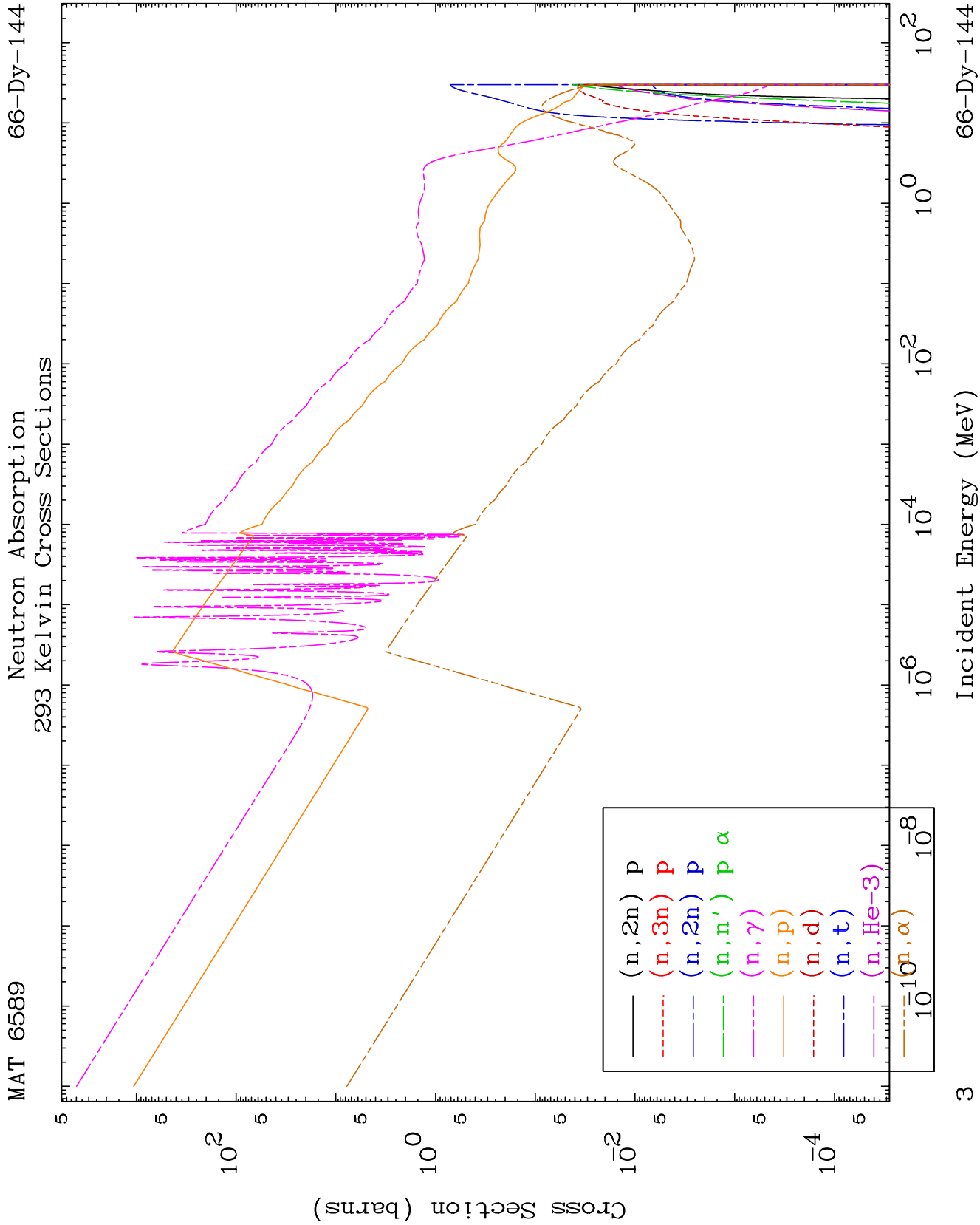
Tele: 925-443-1911

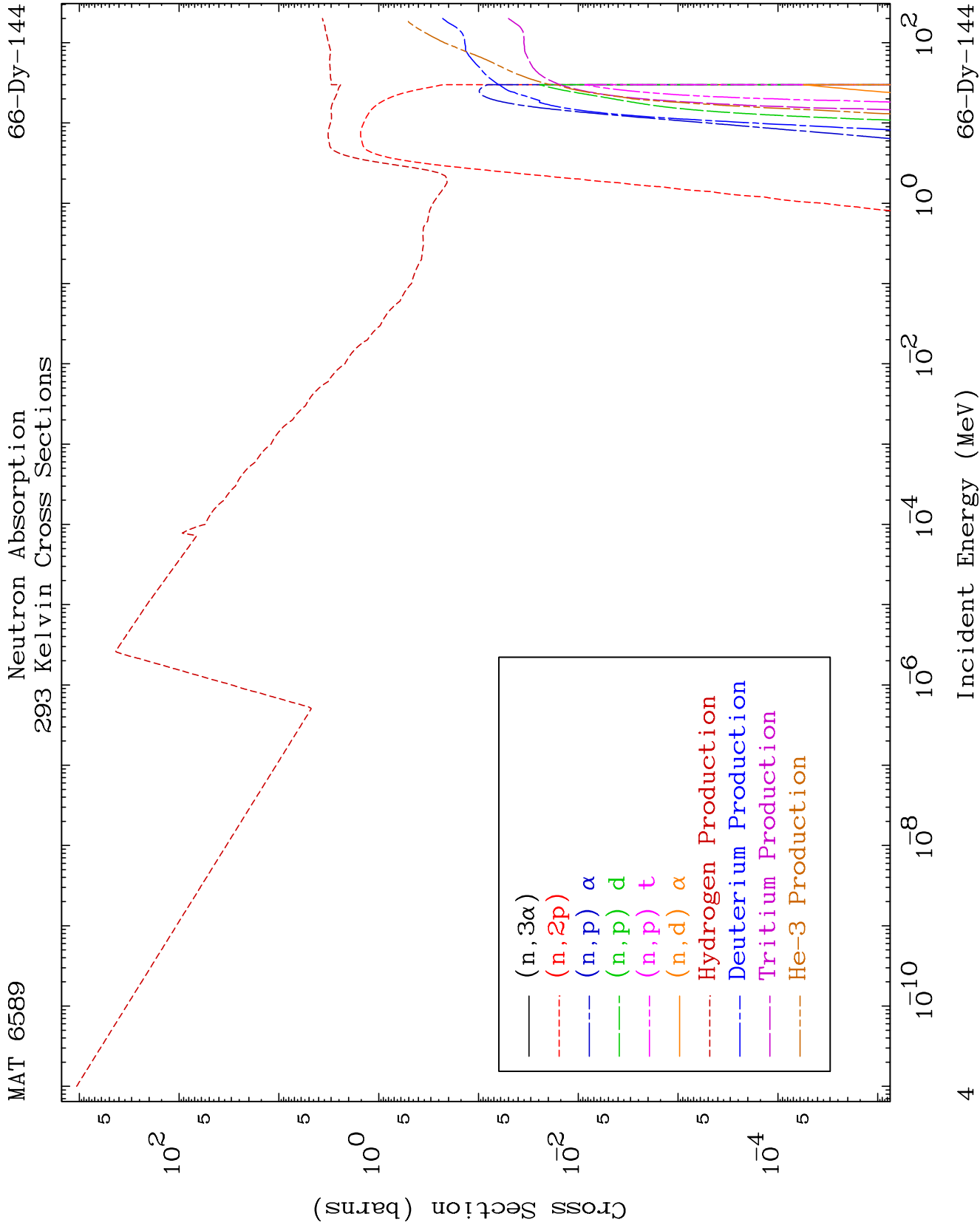
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start





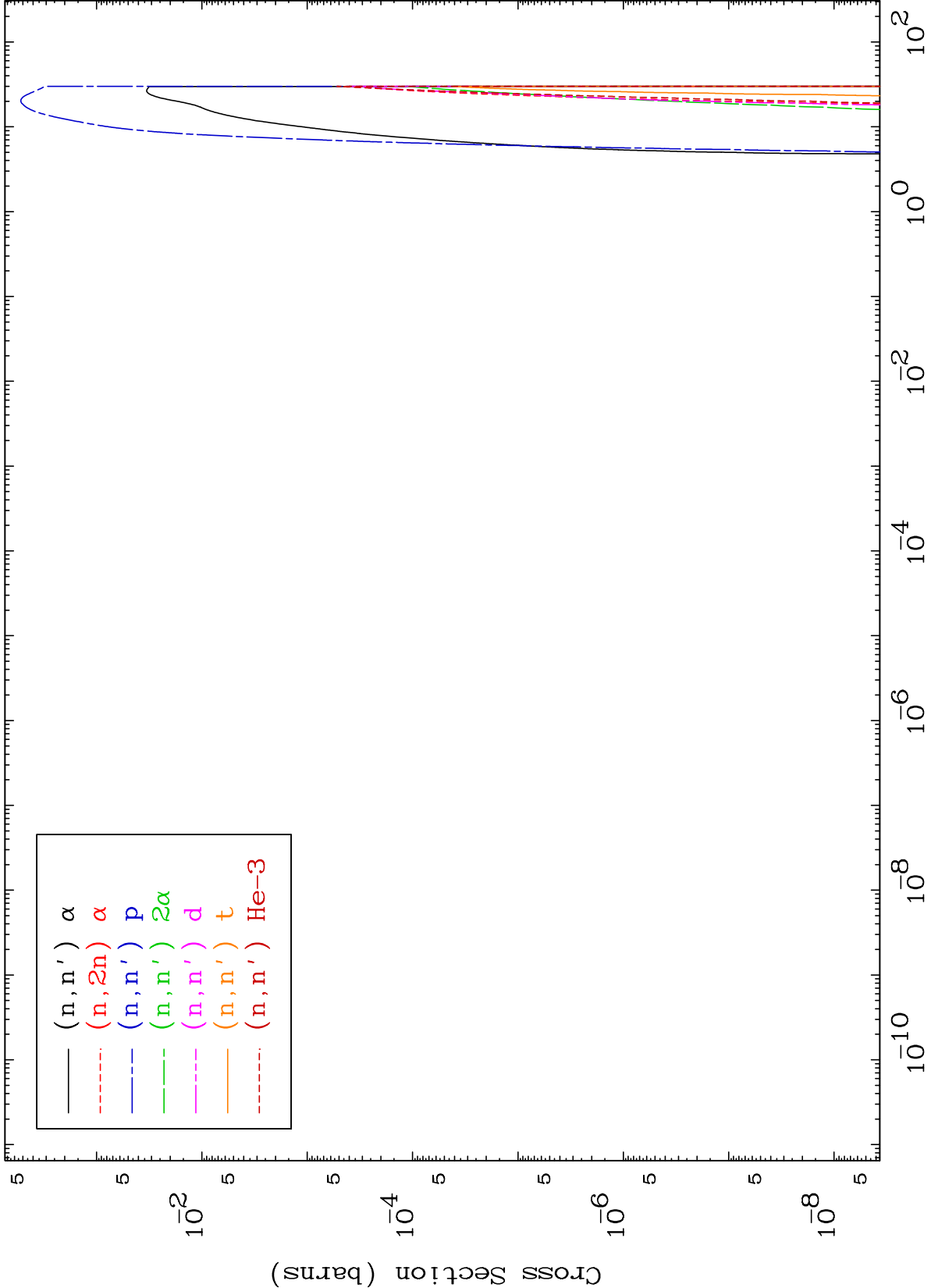




MAT 6589

Charged Particle
293 Kelvin Cross Sections

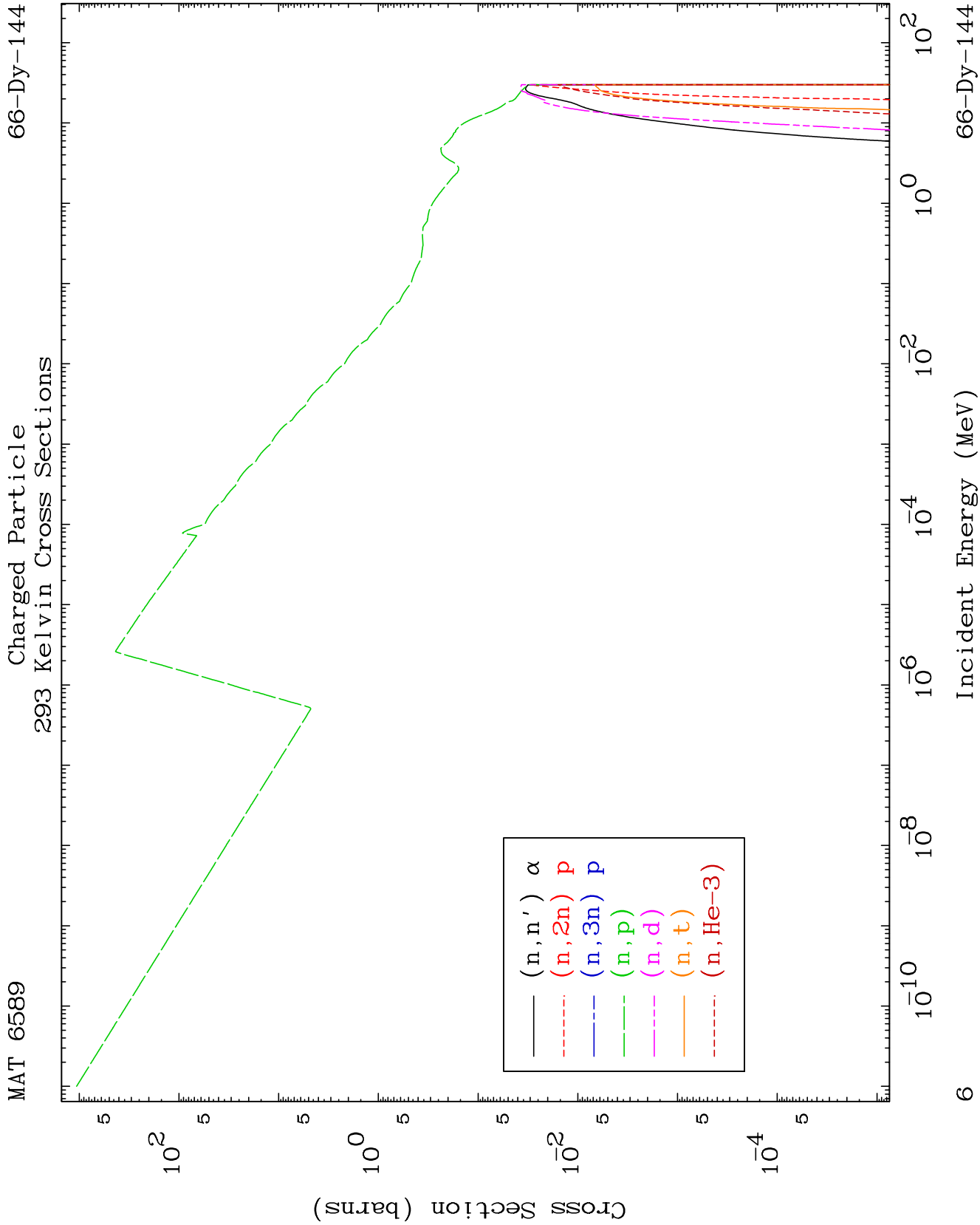
66-Dy-144

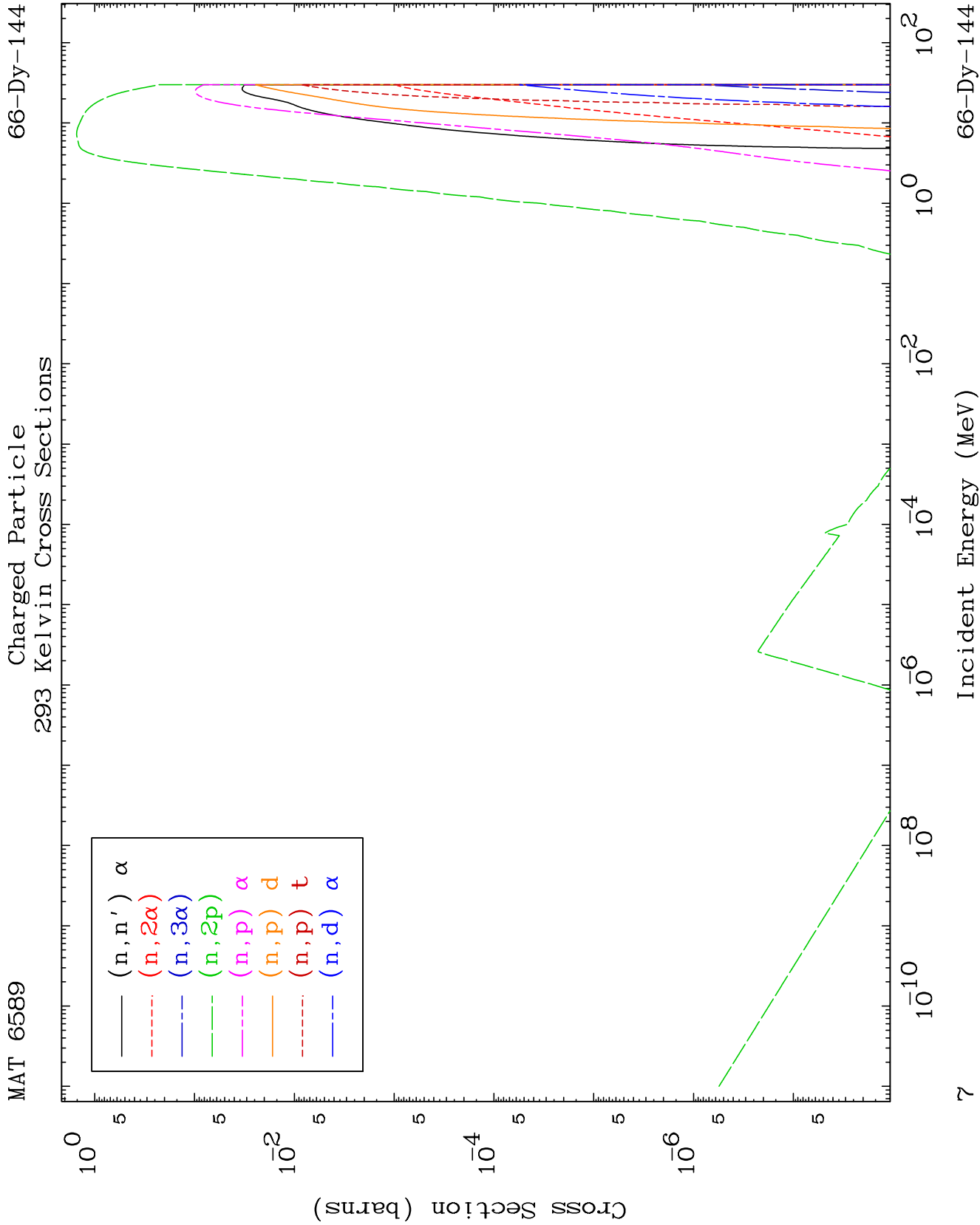


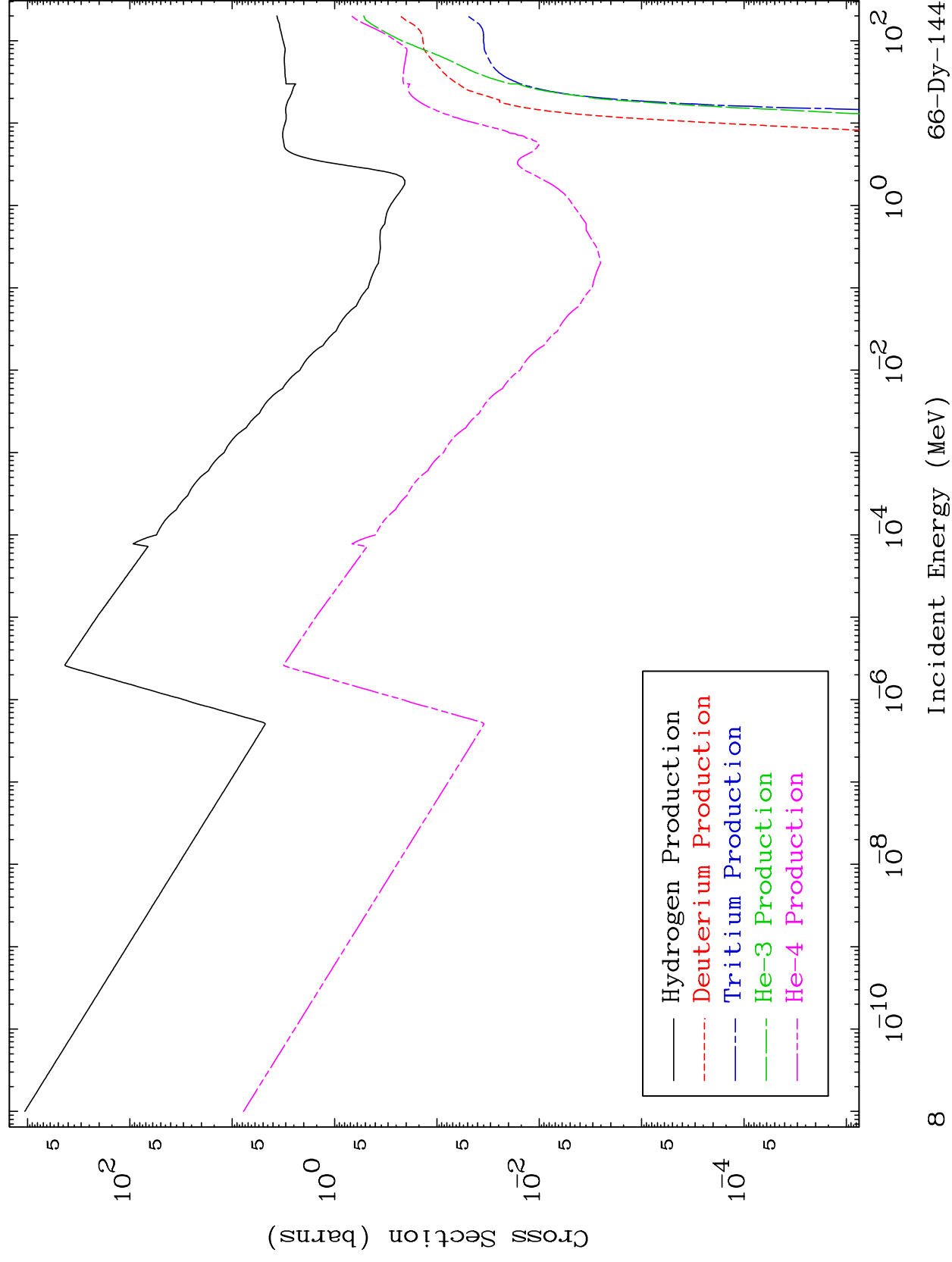
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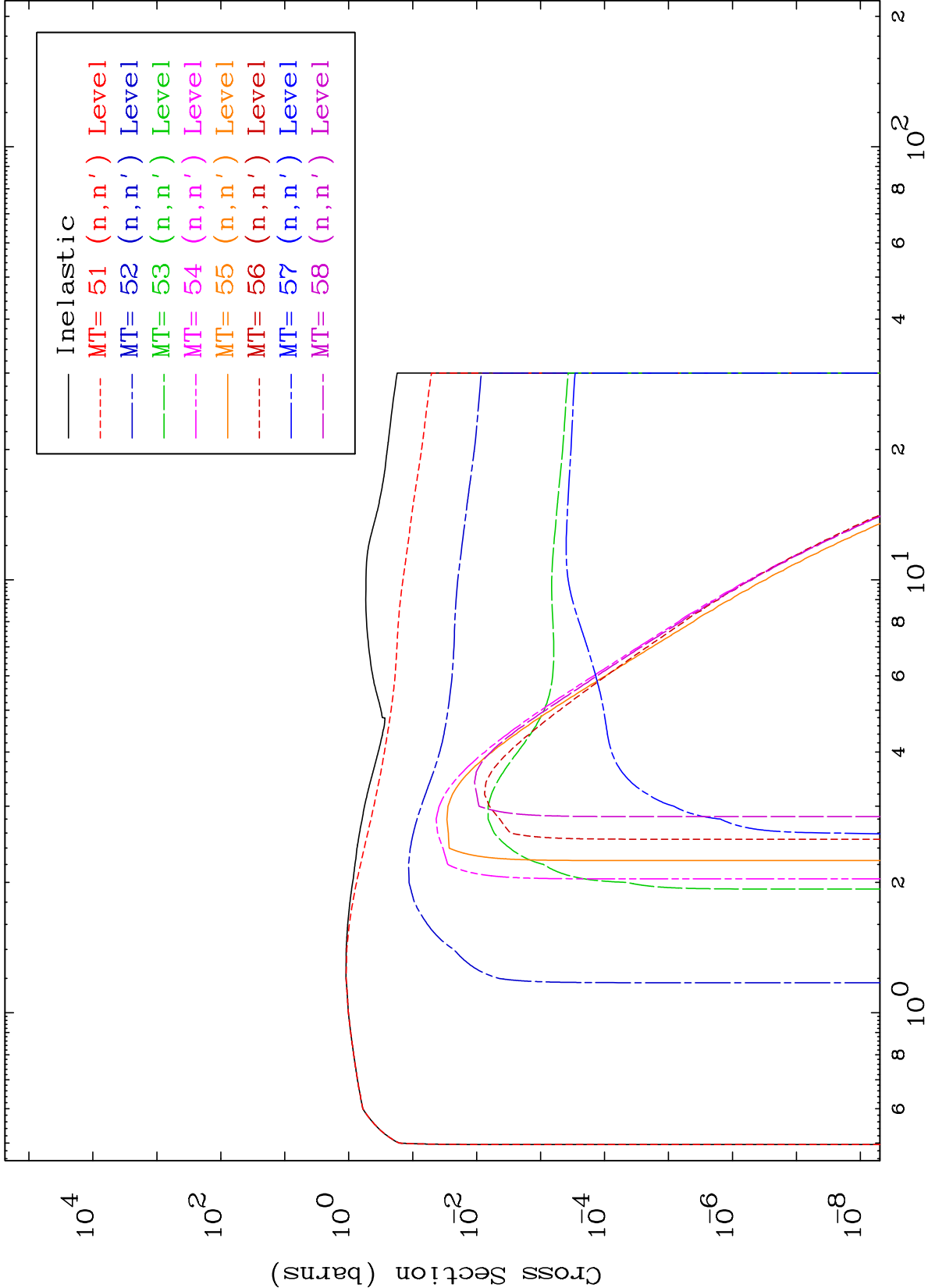
Incident Energy (MeV)

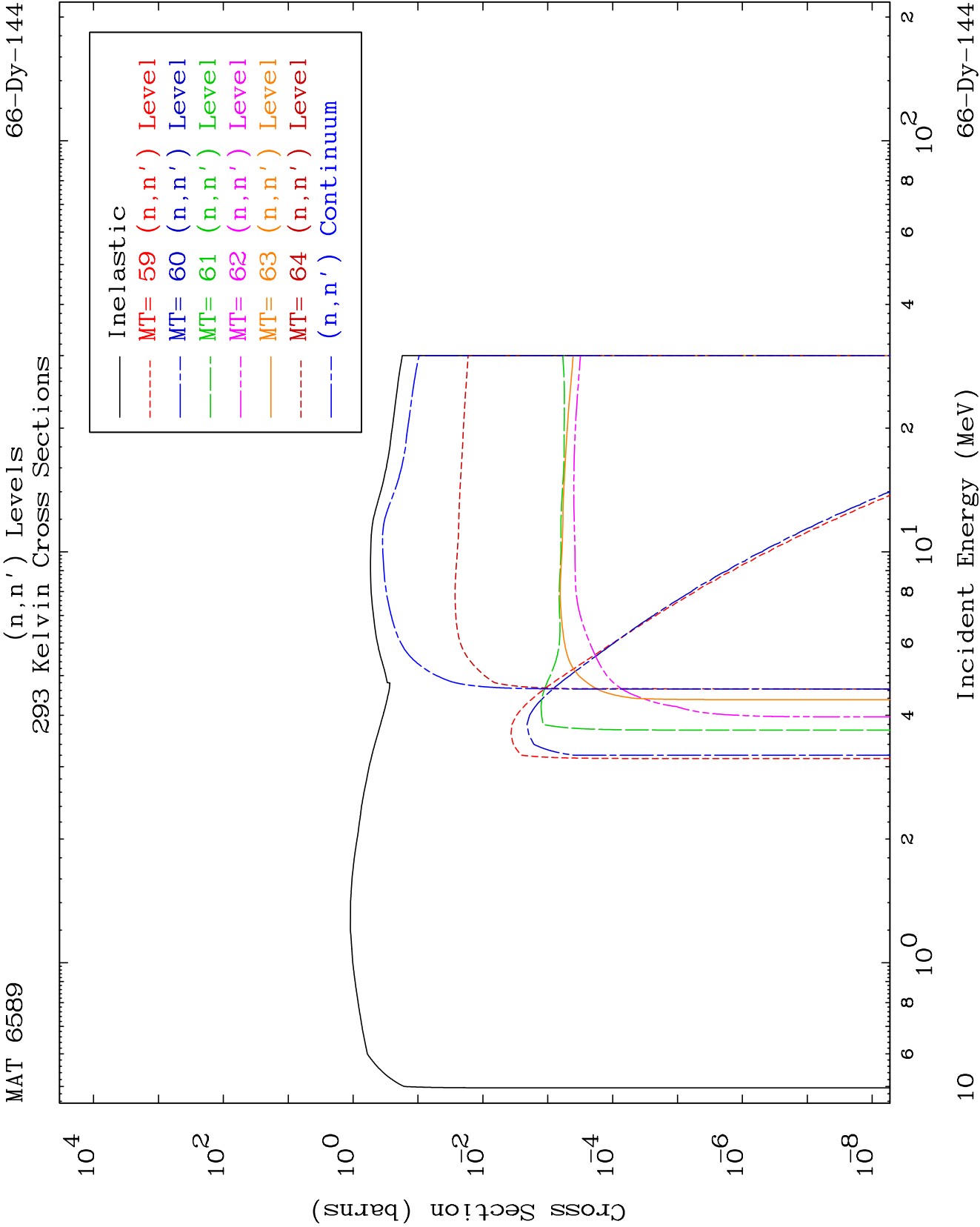
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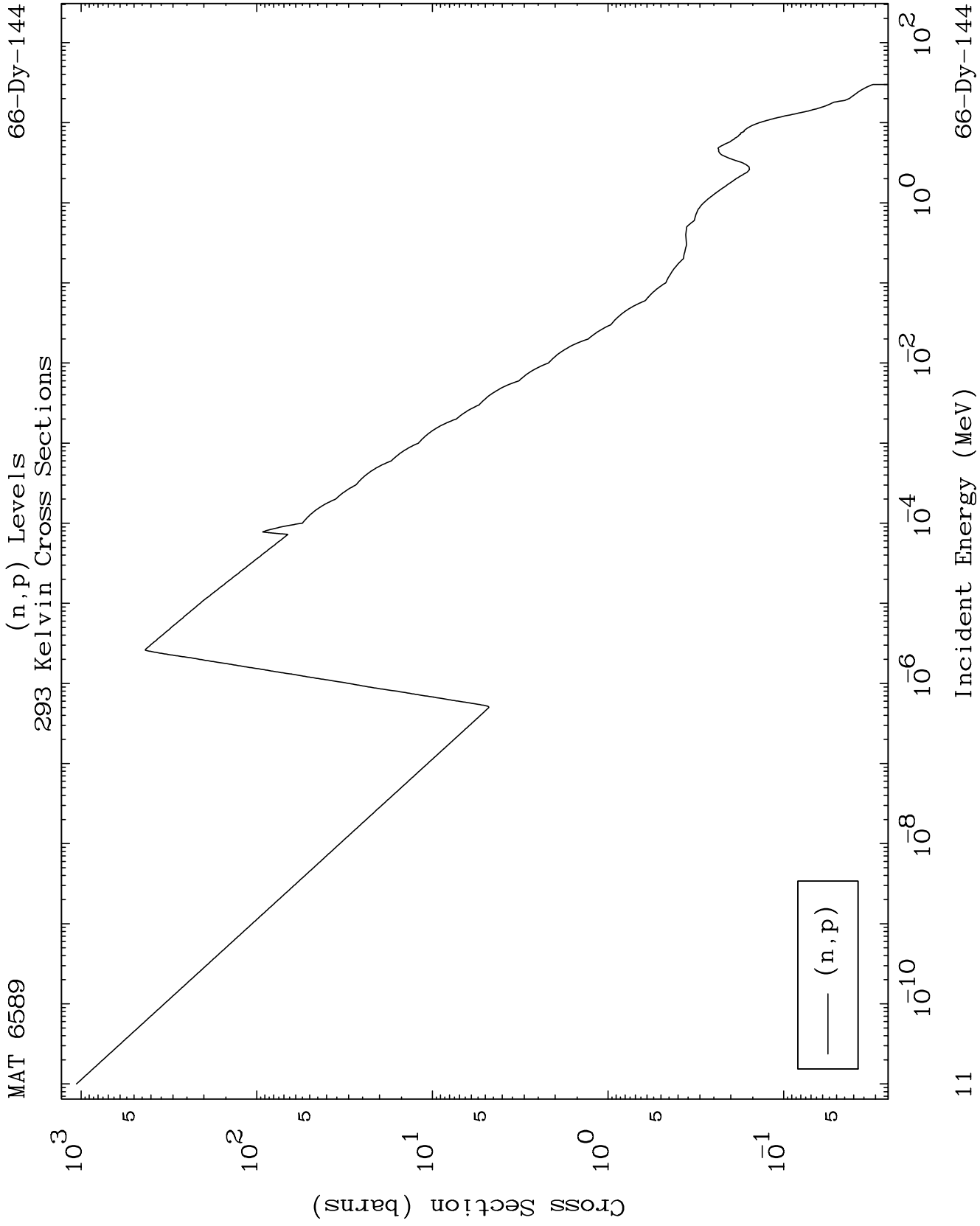


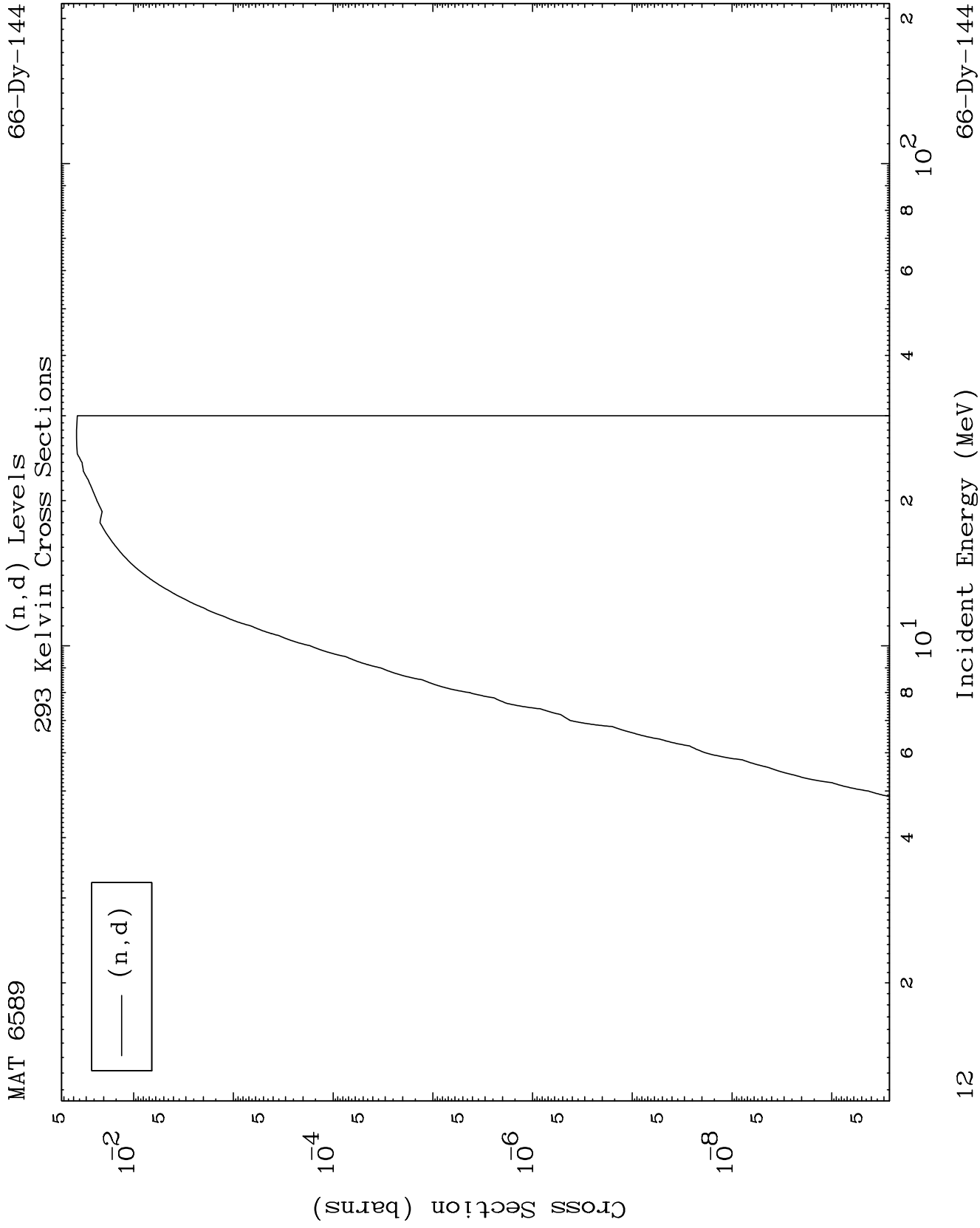








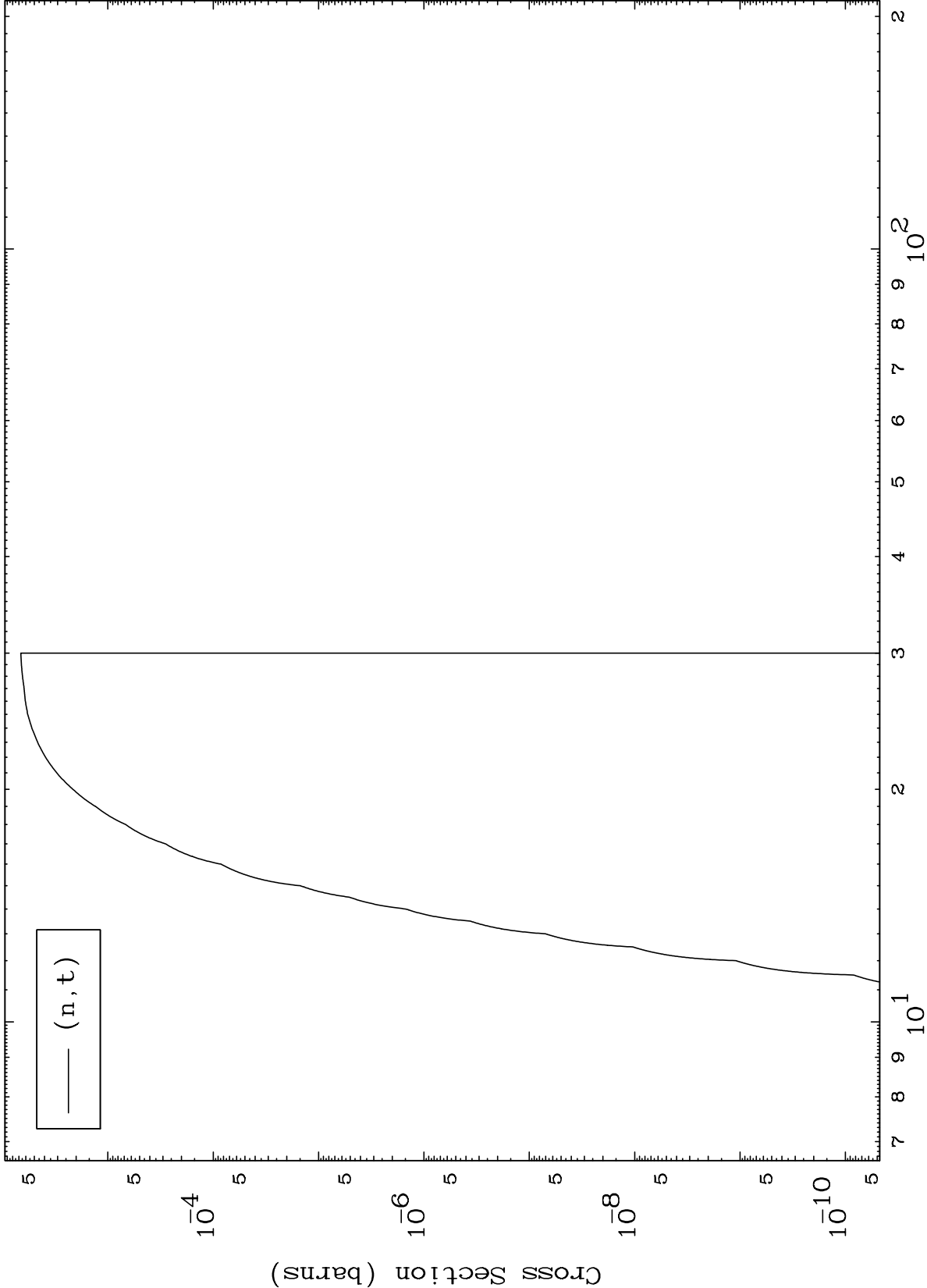




MAT 6589

(n,t) Levels
293 Kelvin Cross Sections

66-Dy-144



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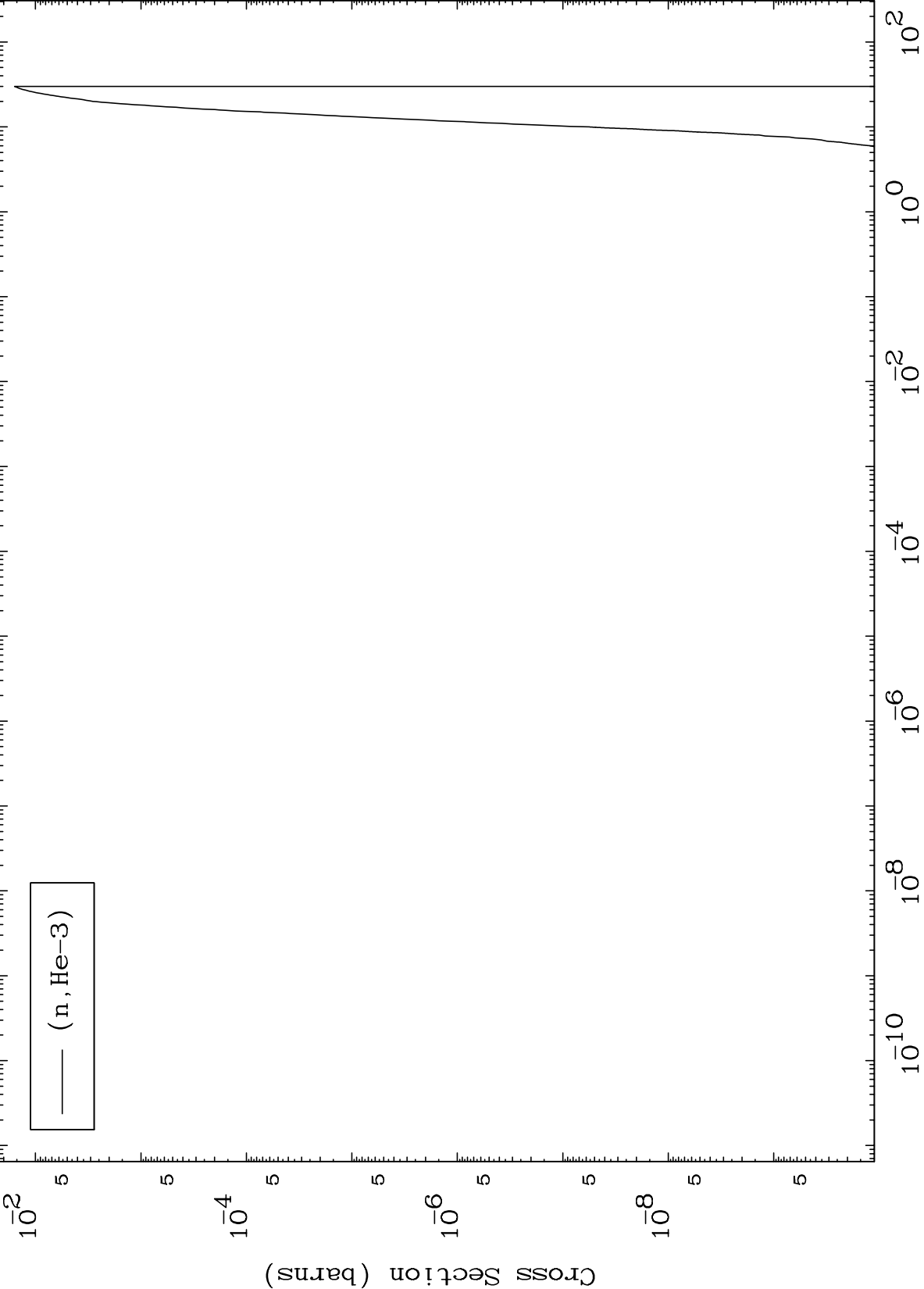
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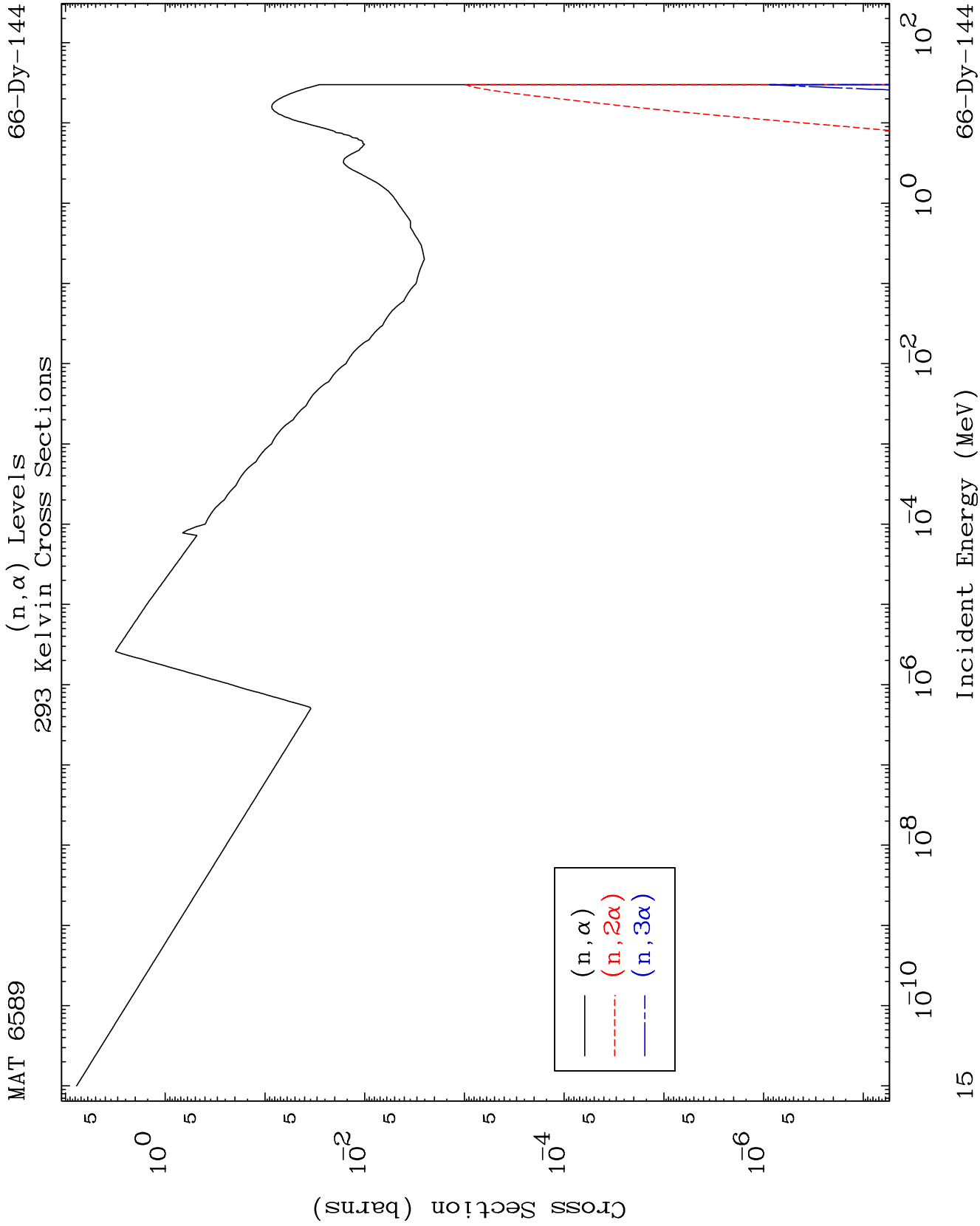
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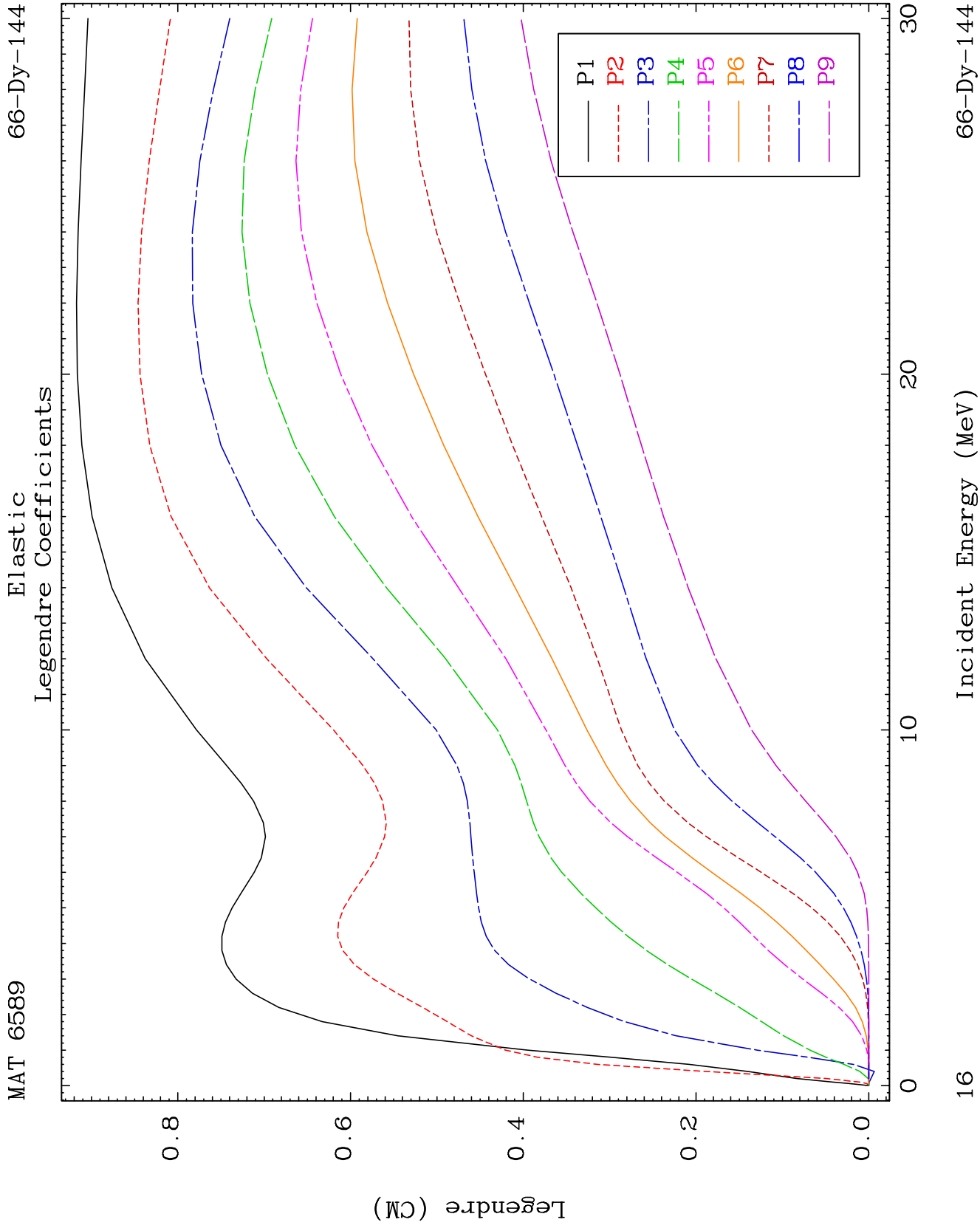
MAT 6589

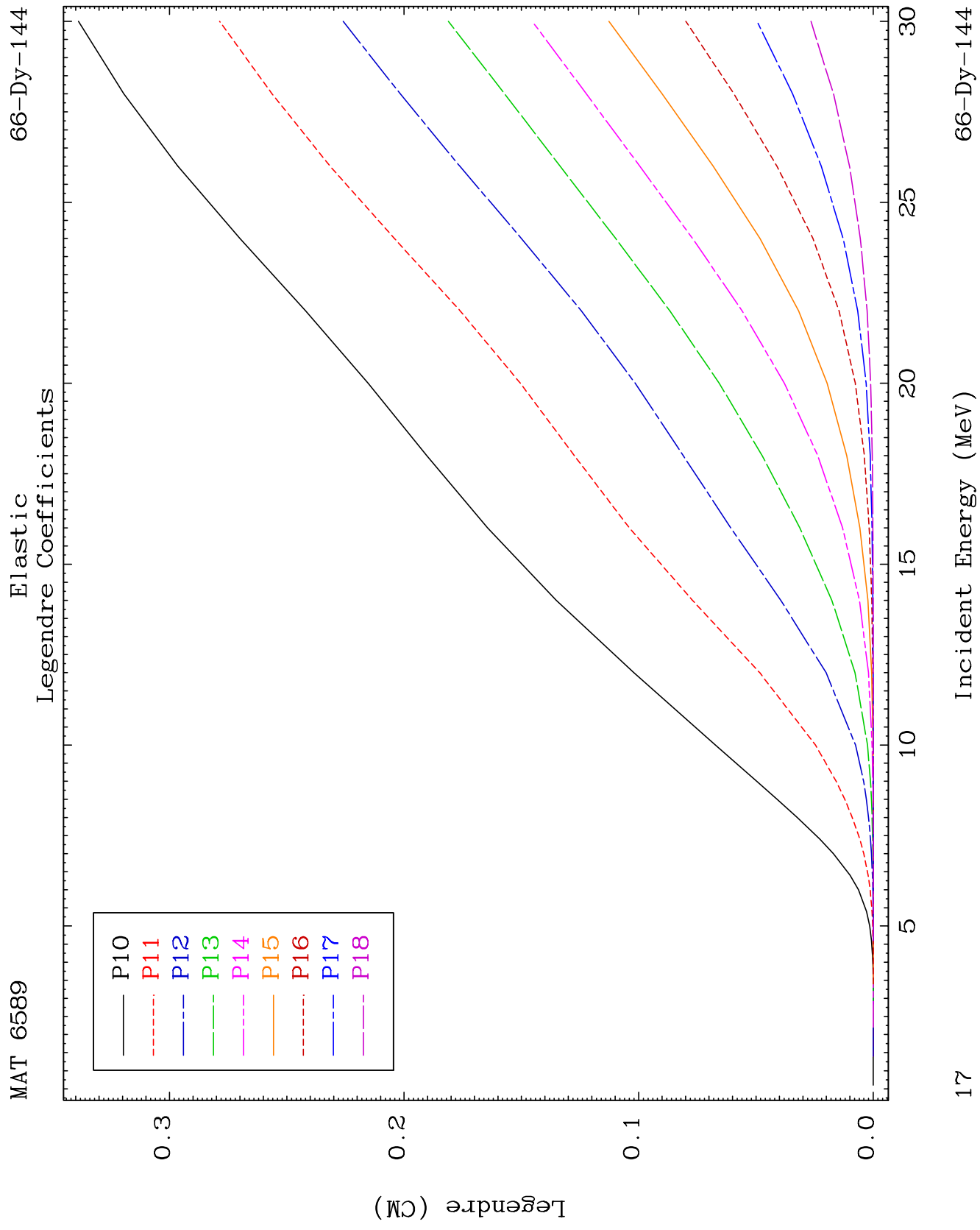
(n,He3) Levels
293 Kelvin Cross Sections

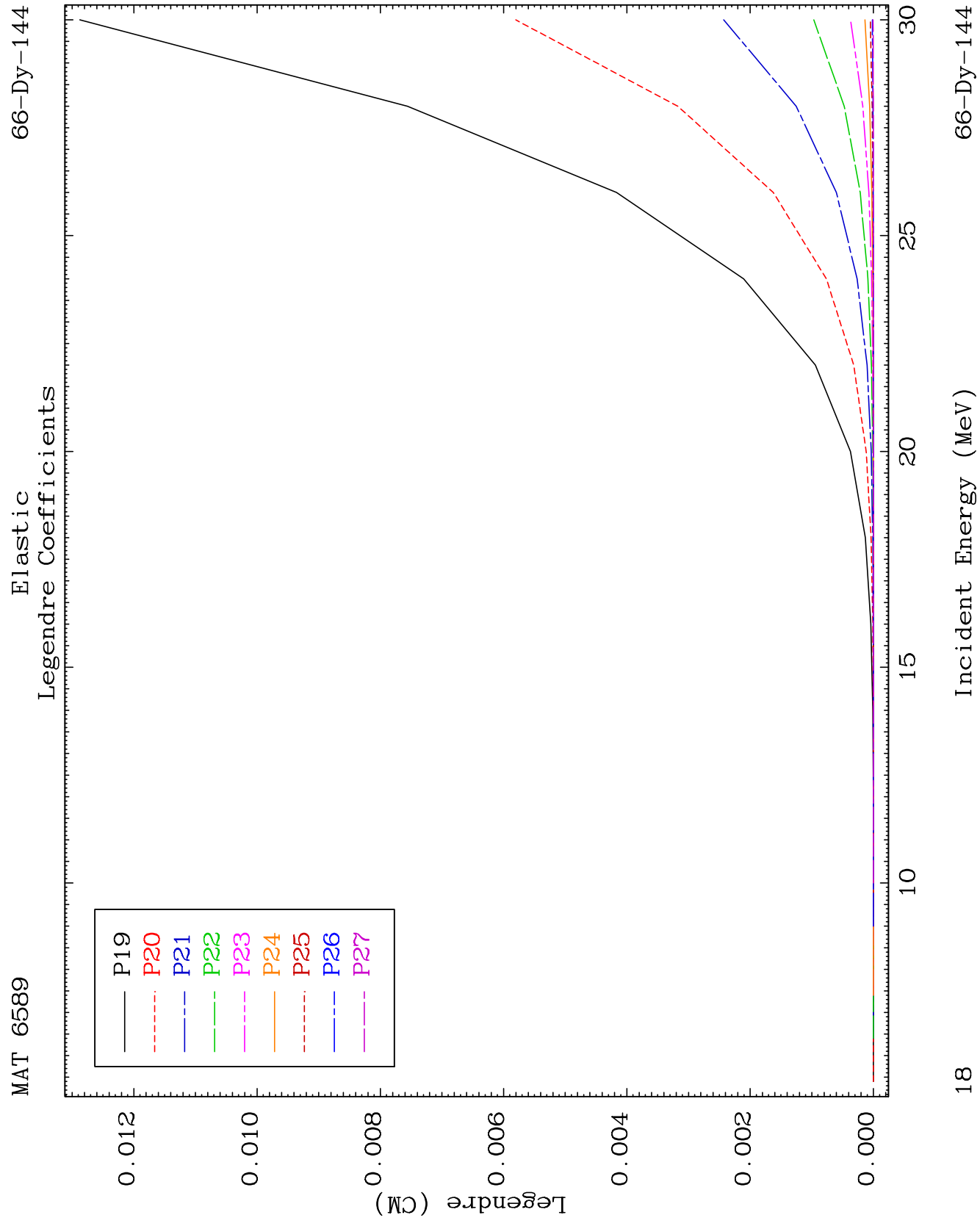
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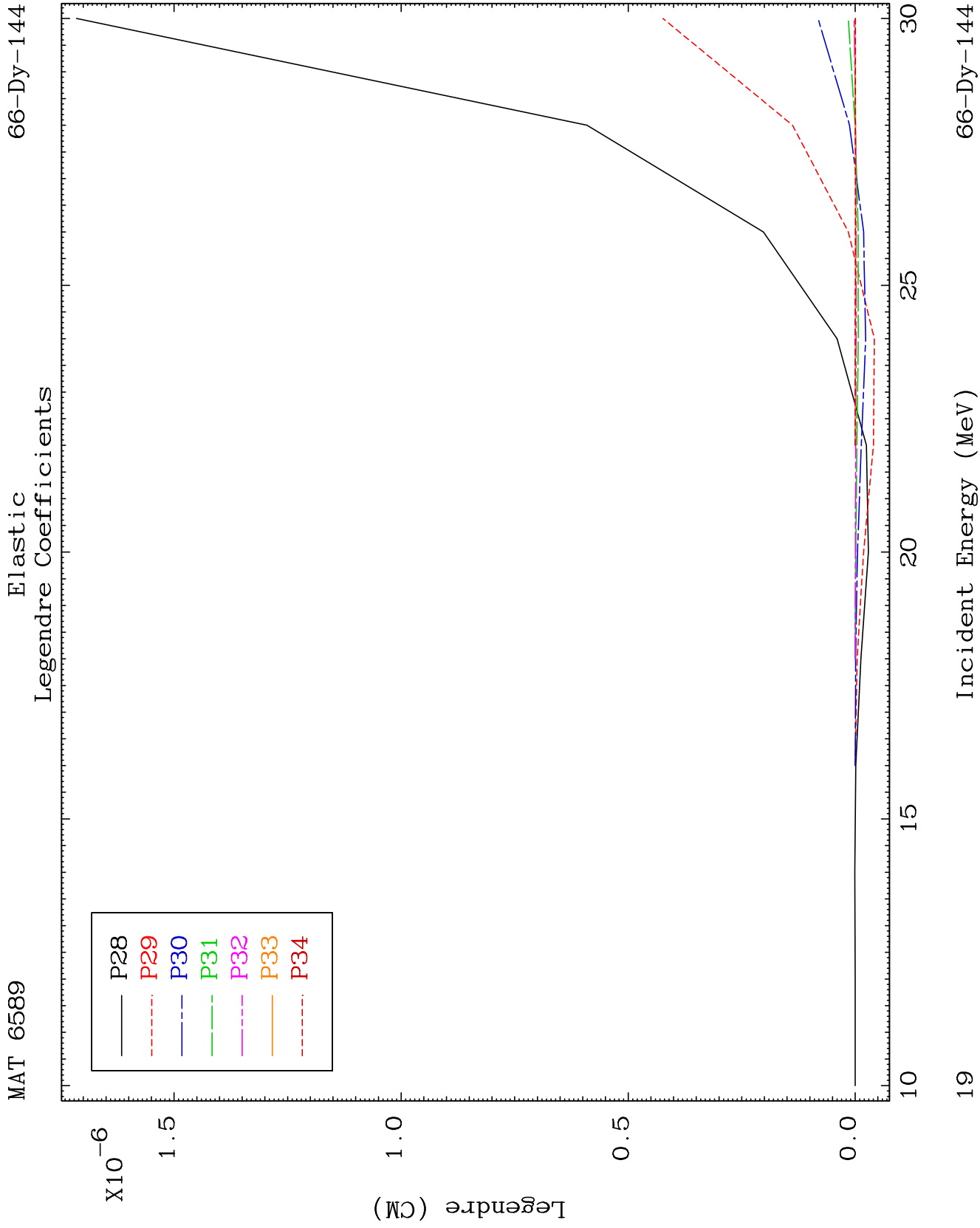








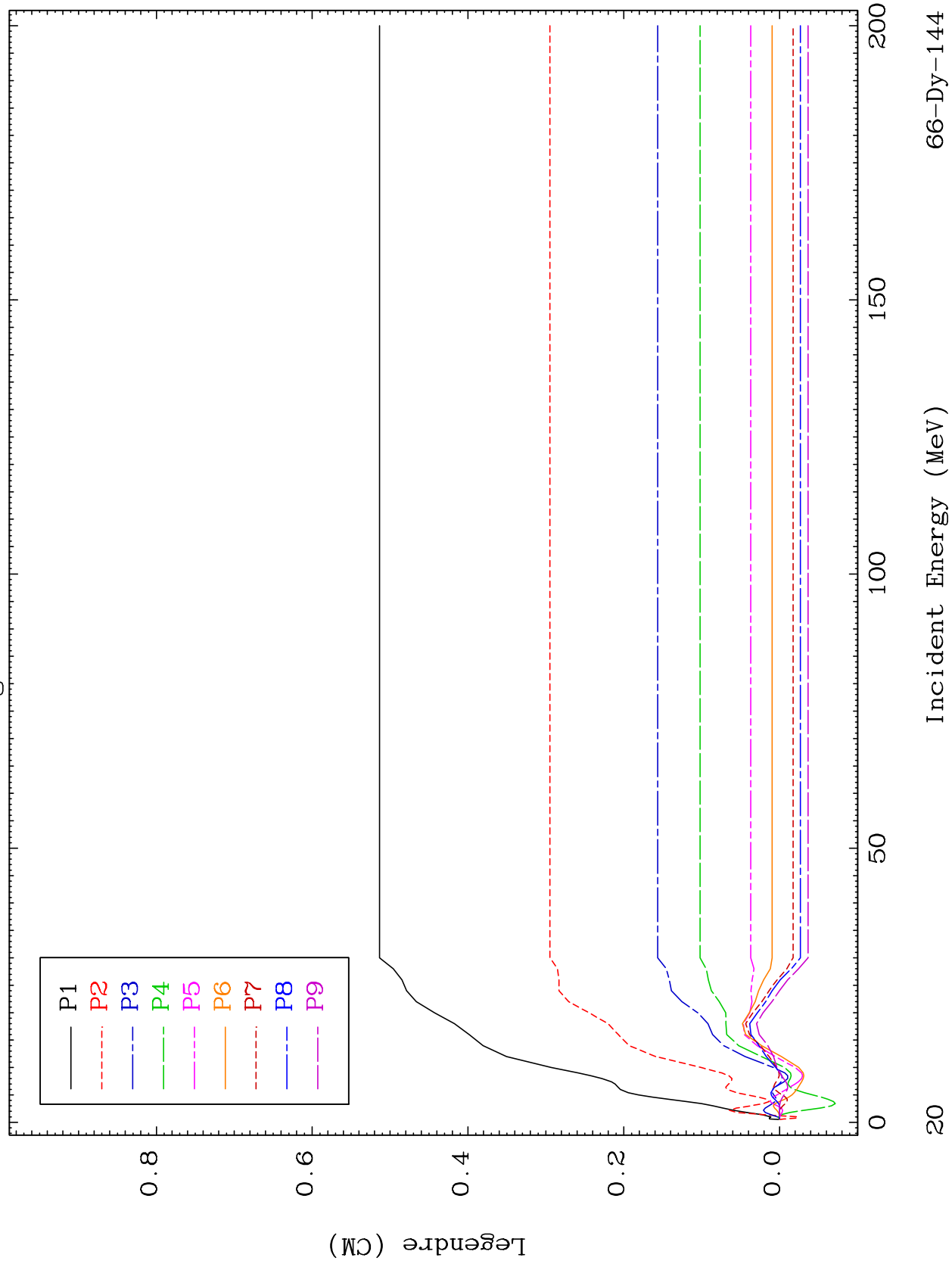


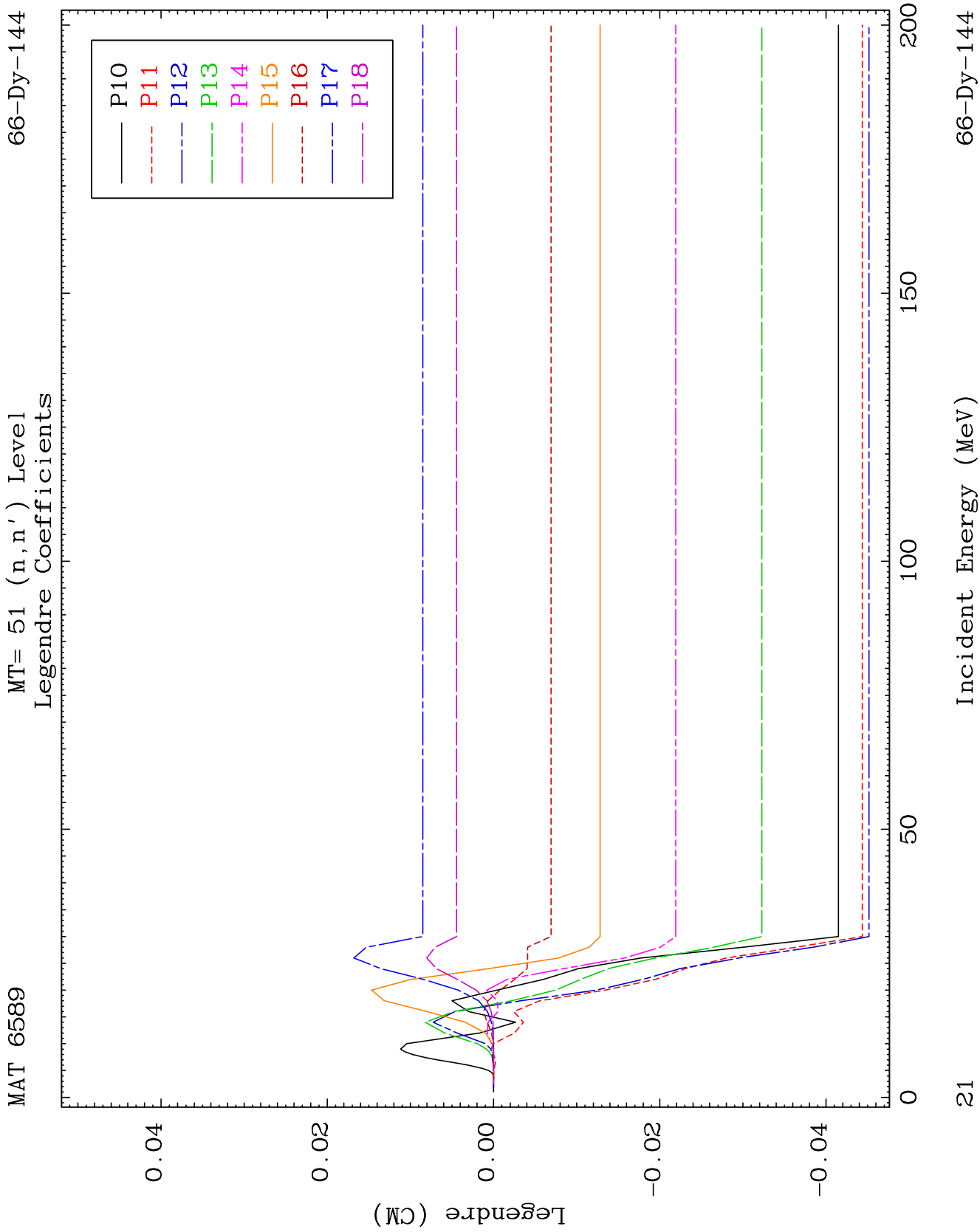


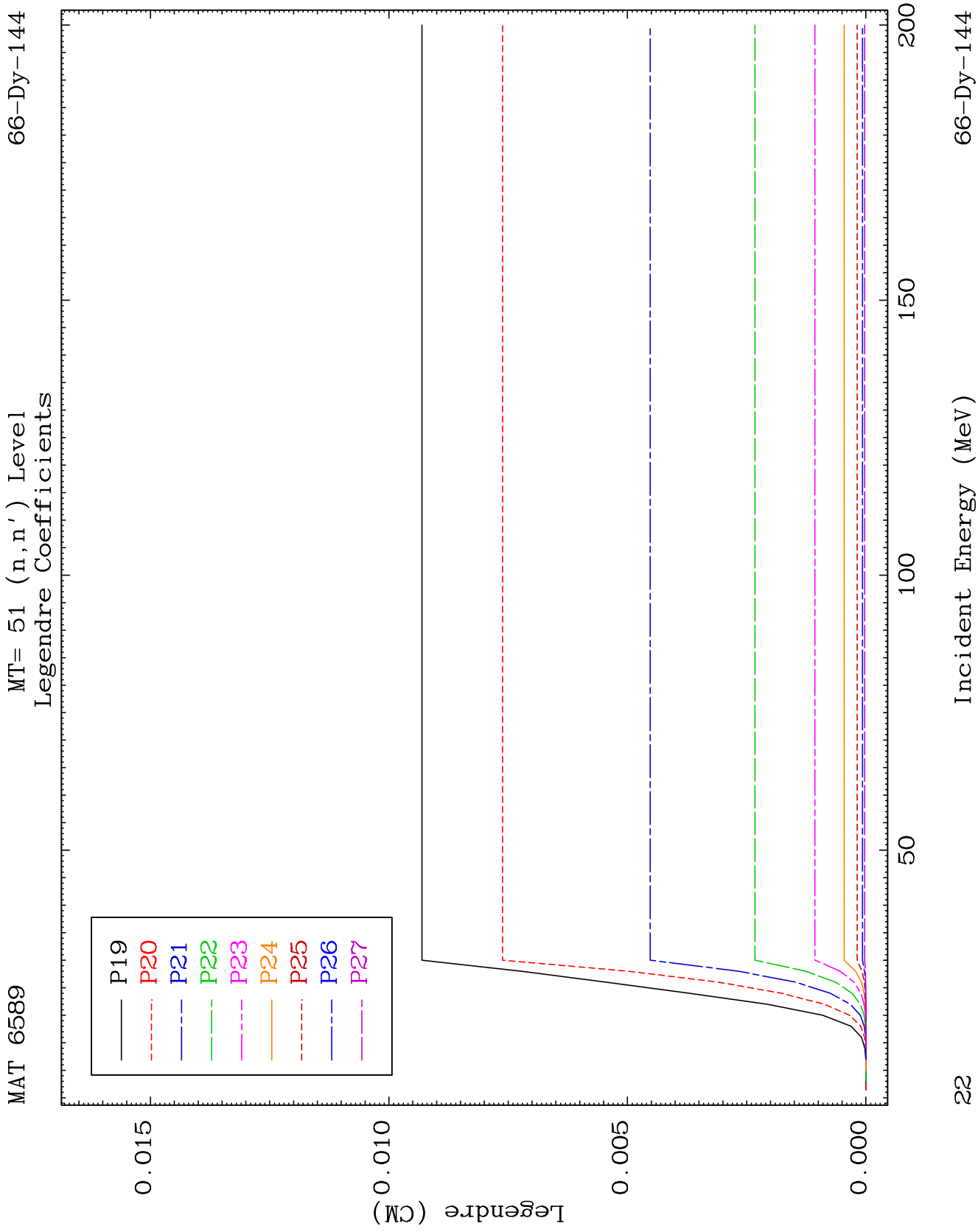
MAT 6589

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

66-Dy-144



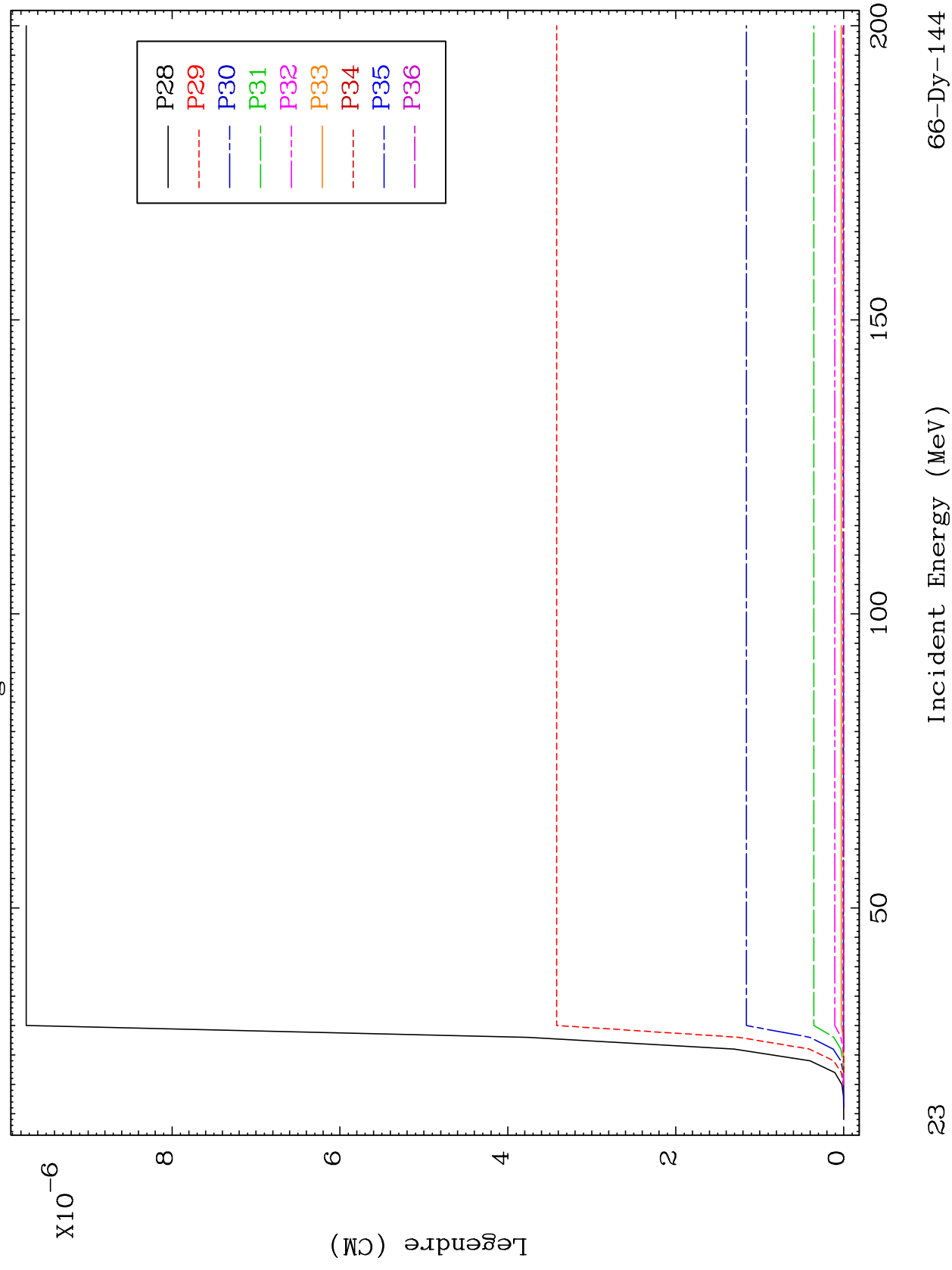


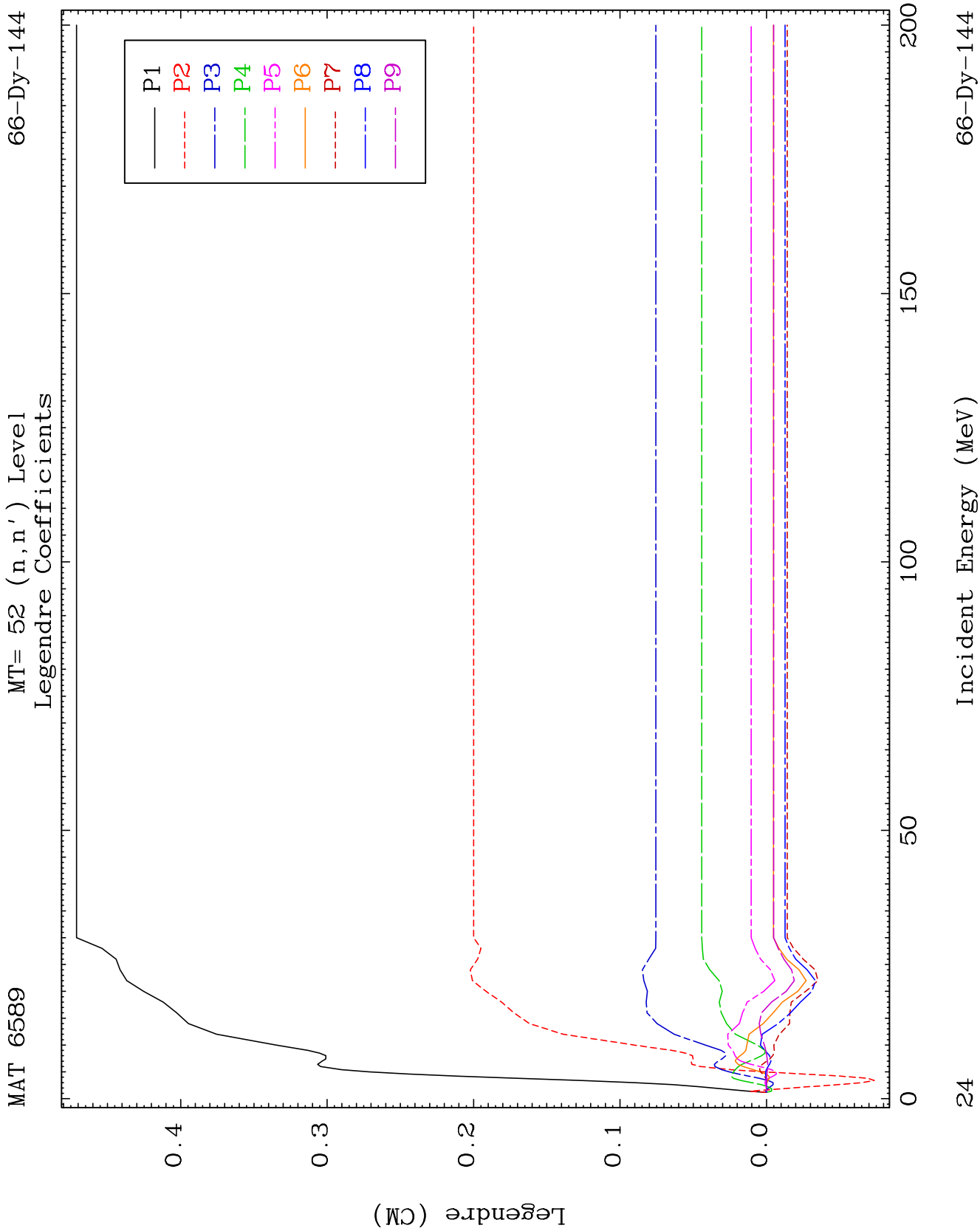


MAT 6589

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

66-Dy-144

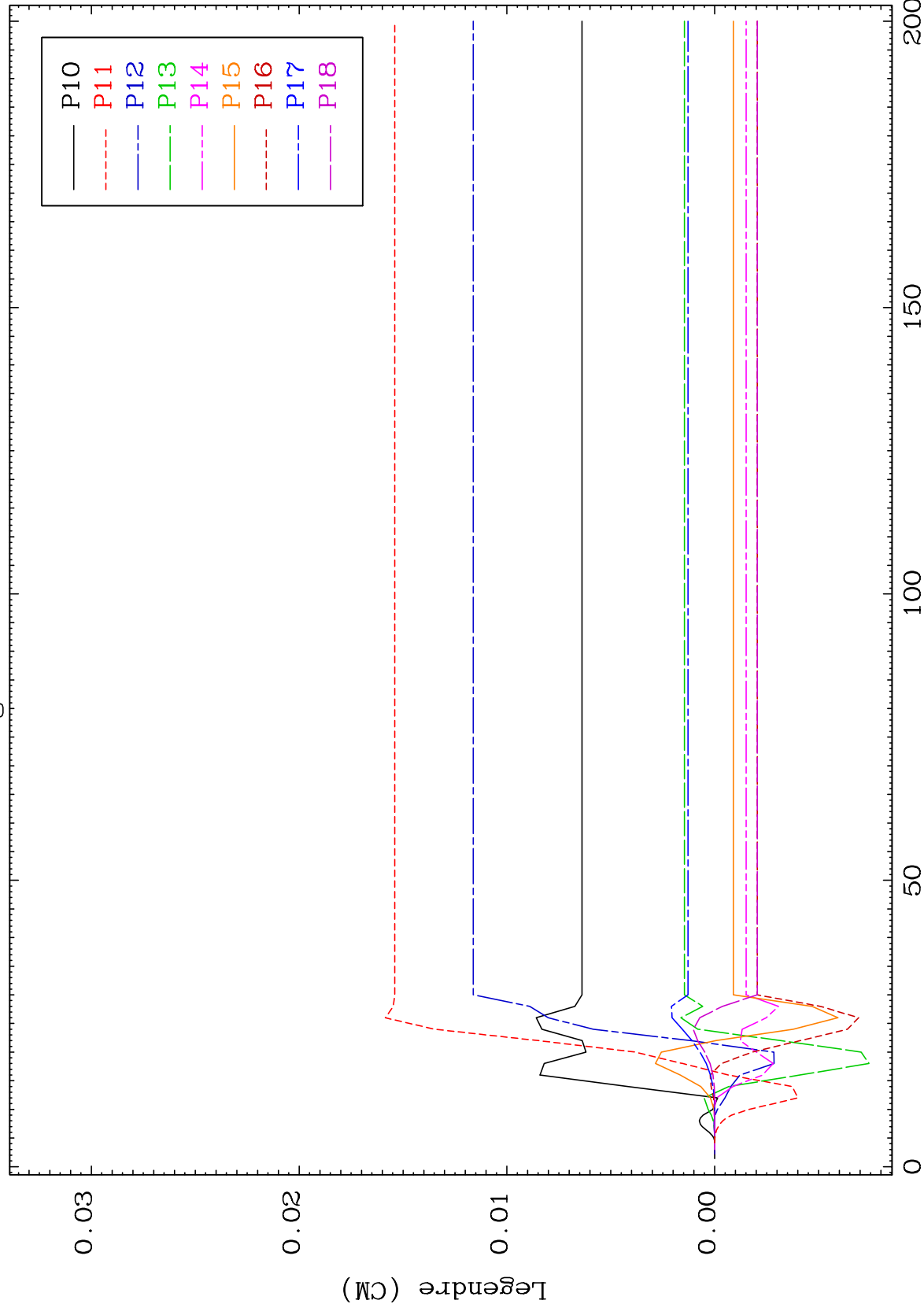




MAT 6589

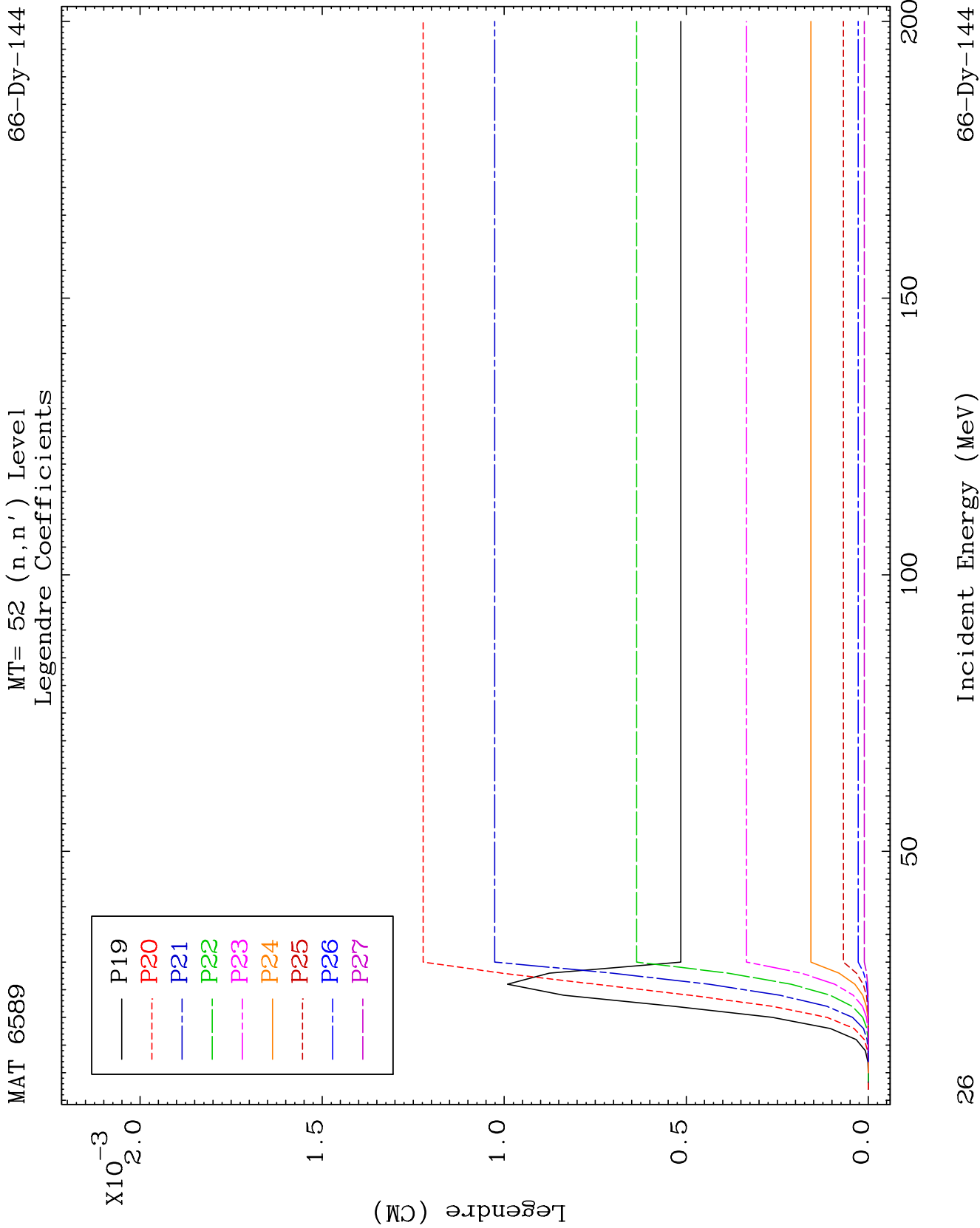
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Legendre Coefficients

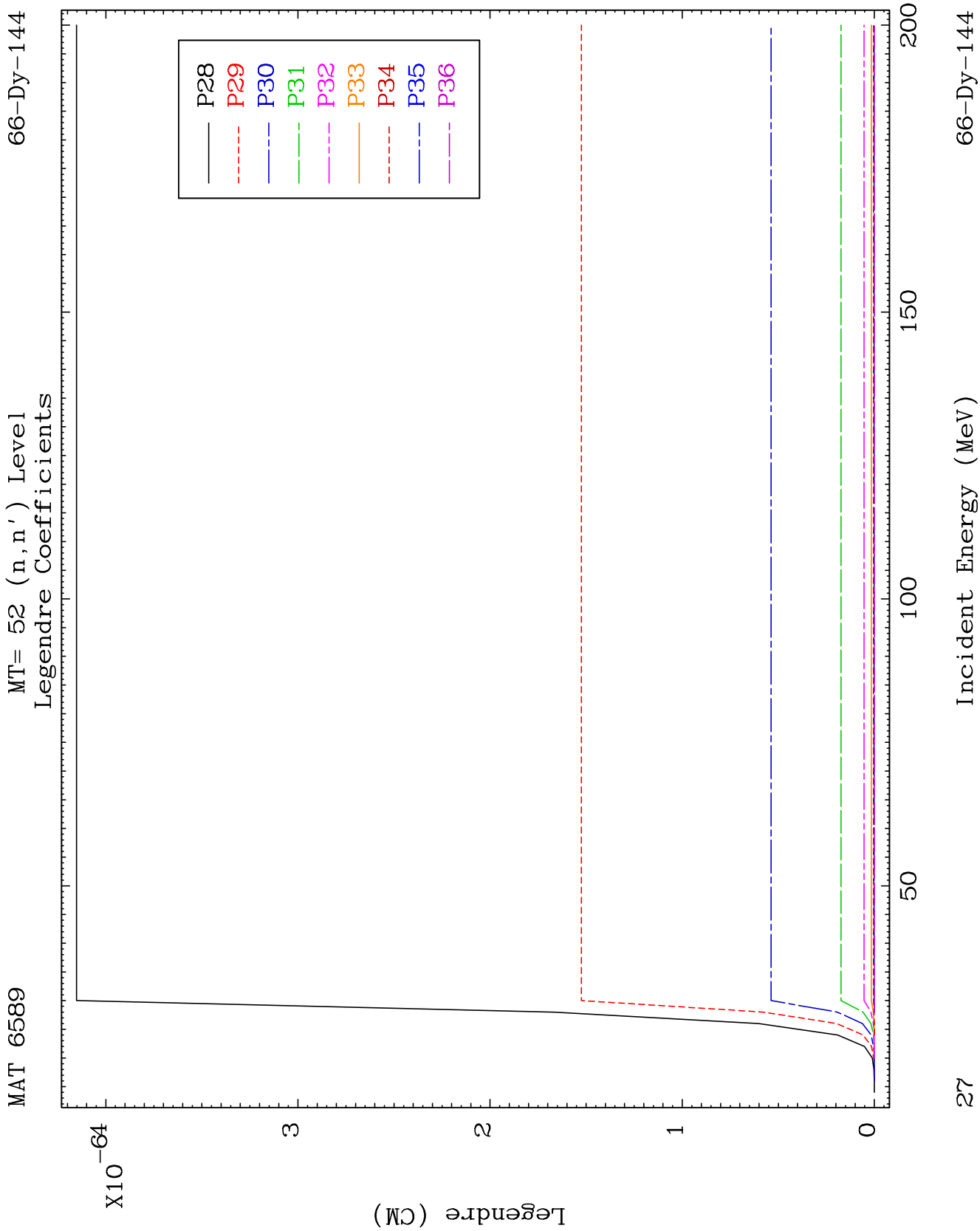
66-Dy-144



66-Dy-144

Incident Energy (MeV)

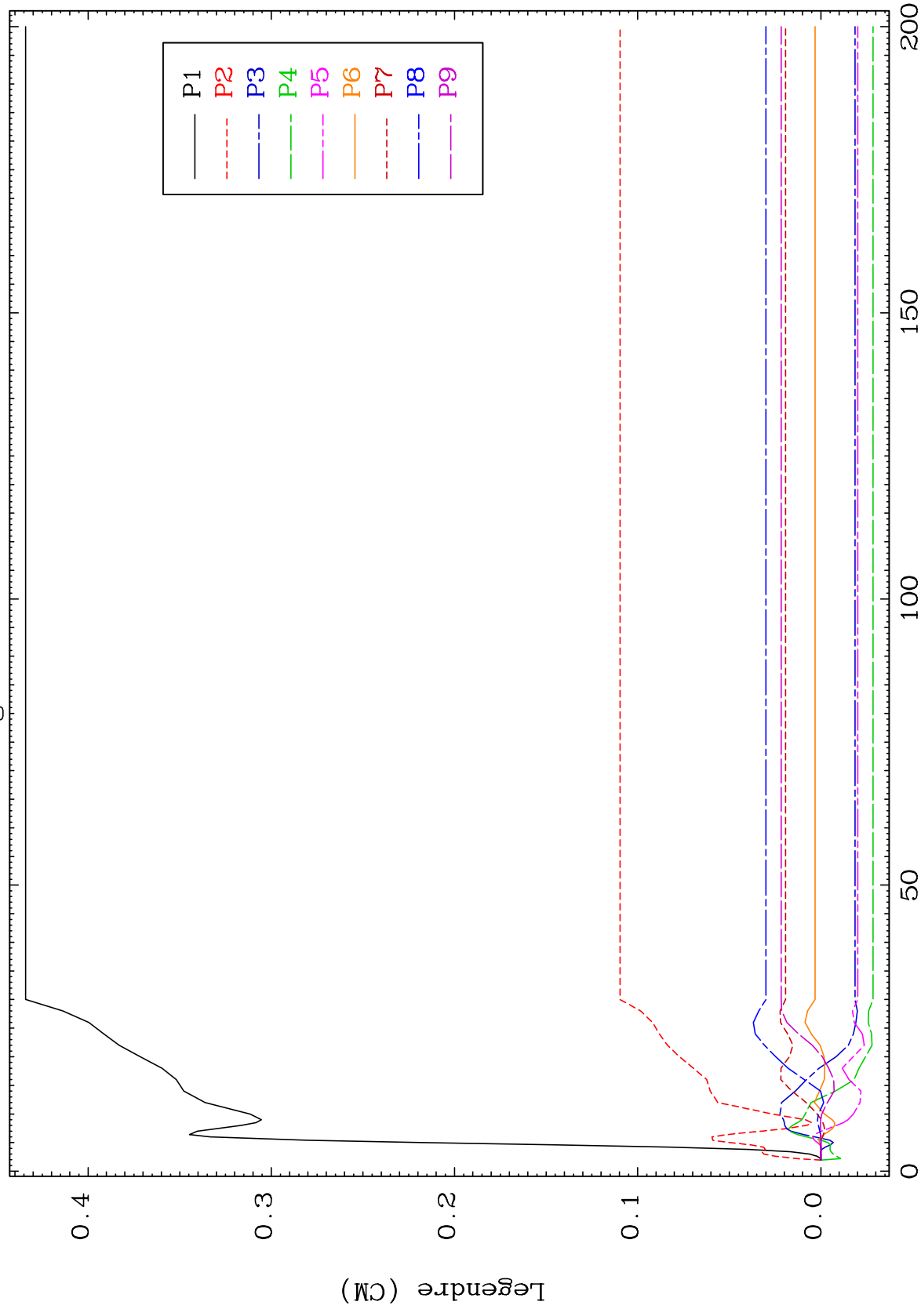




MAT 6589

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

66-Dy-144



82

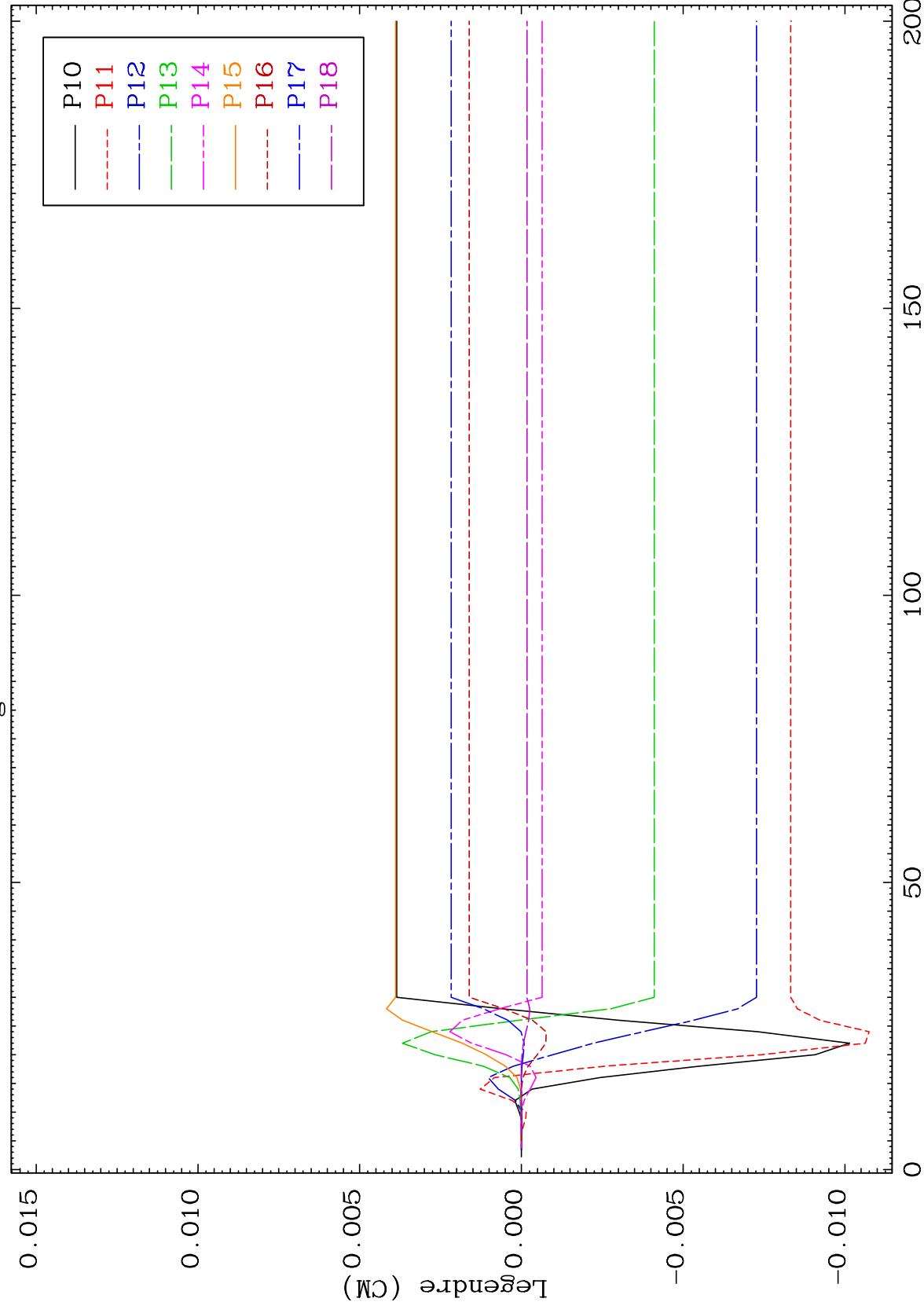
Incident Energy (MeV)

66-Dy-144

MAT 6589

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

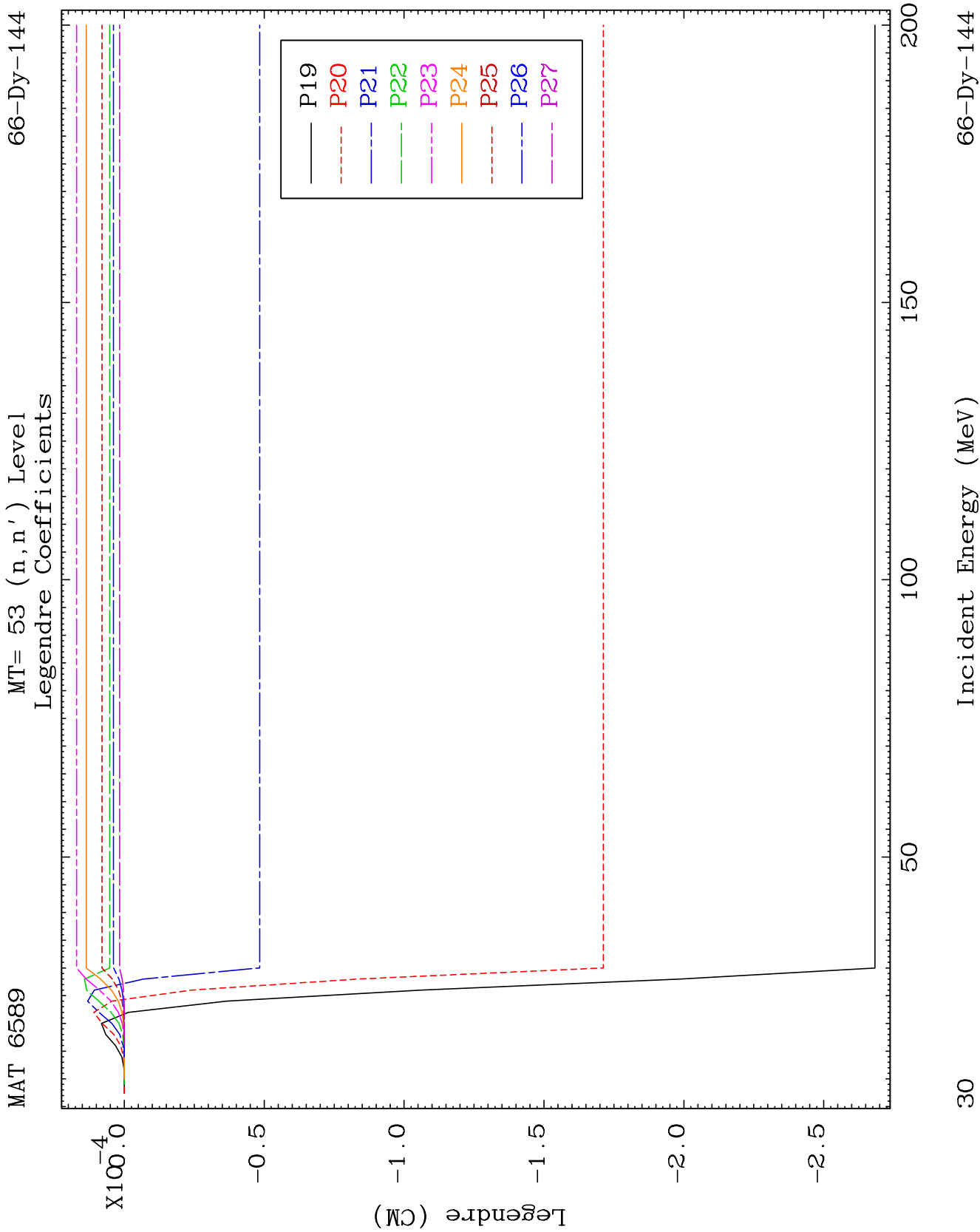
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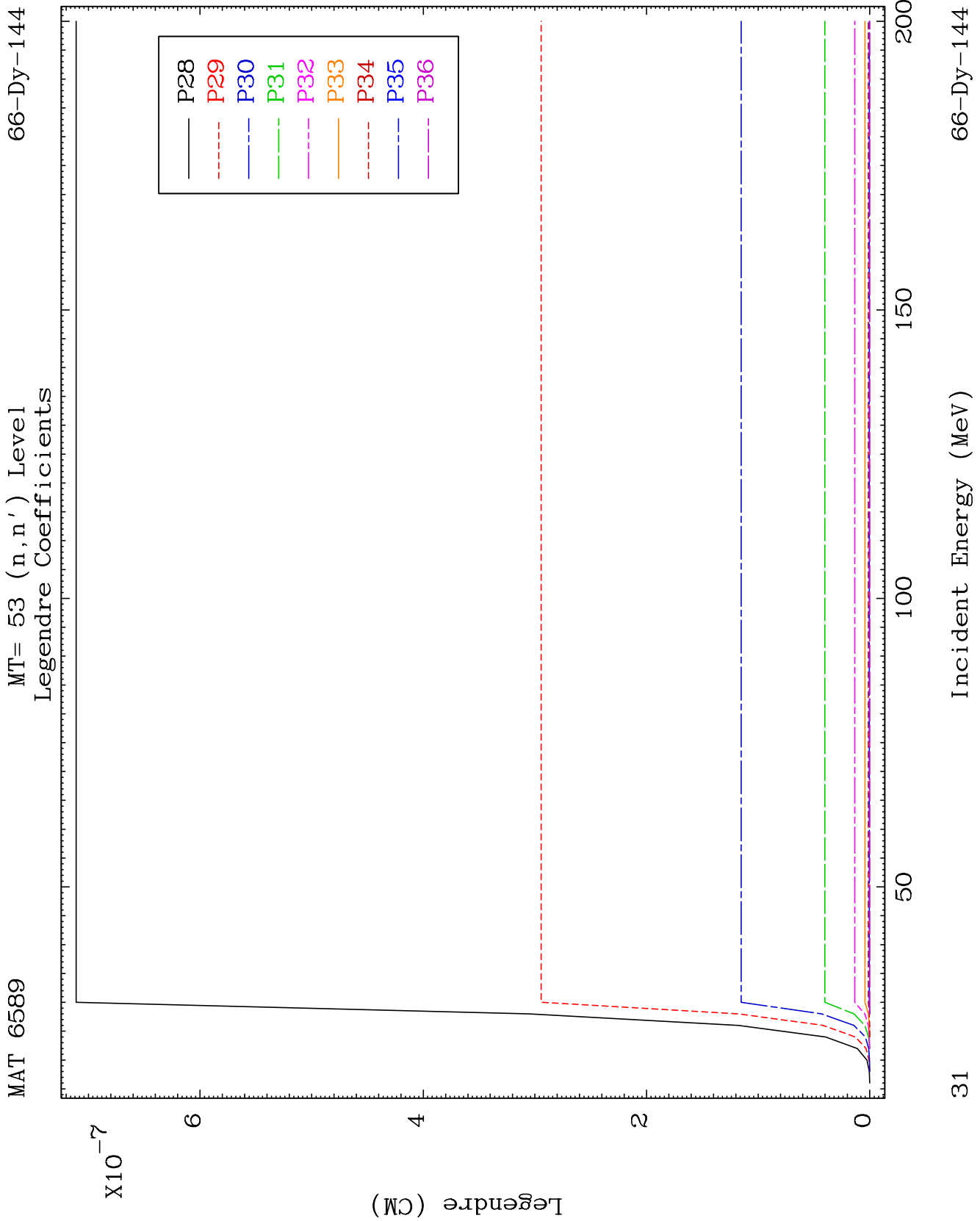


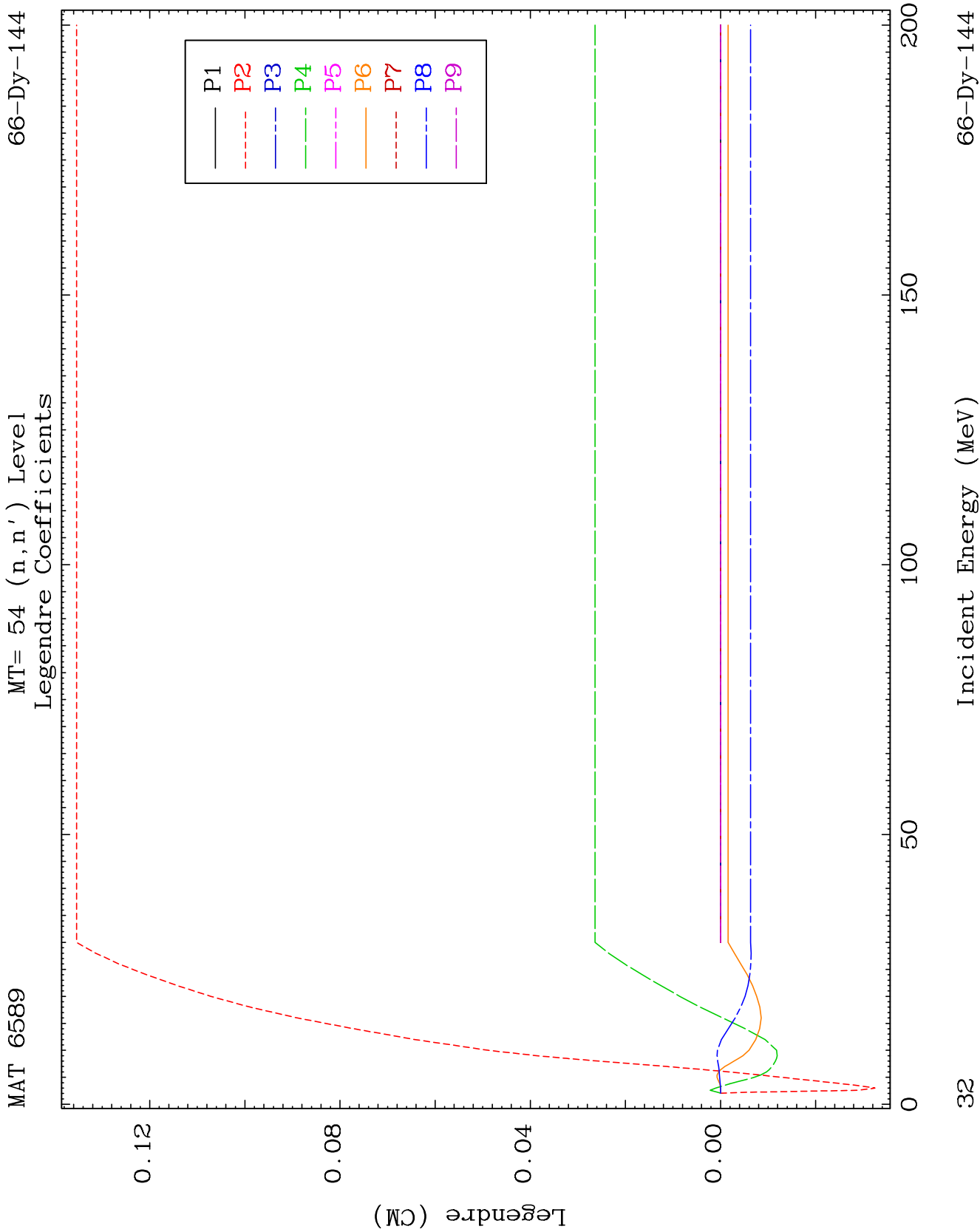
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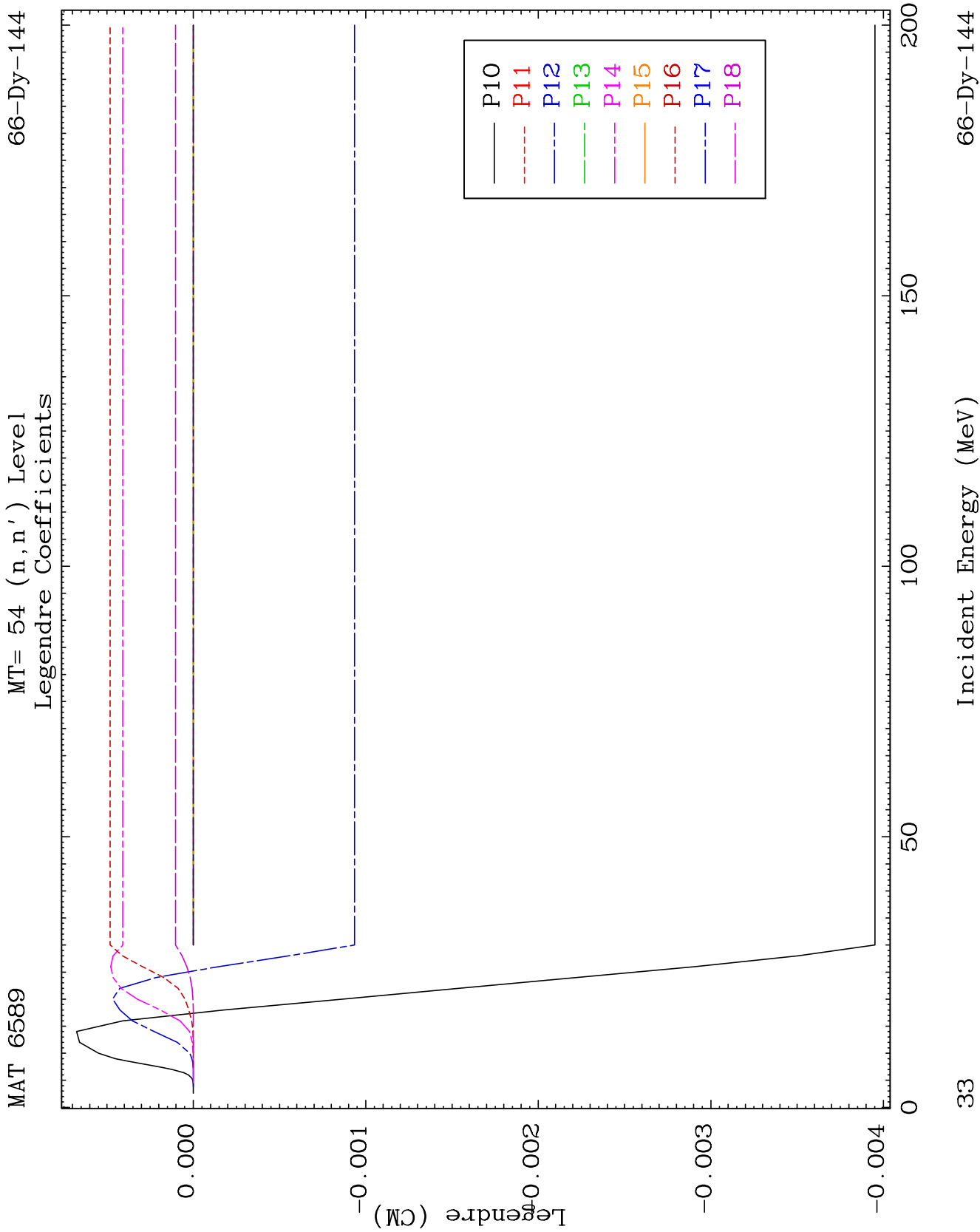
Incident Energy (MeV)

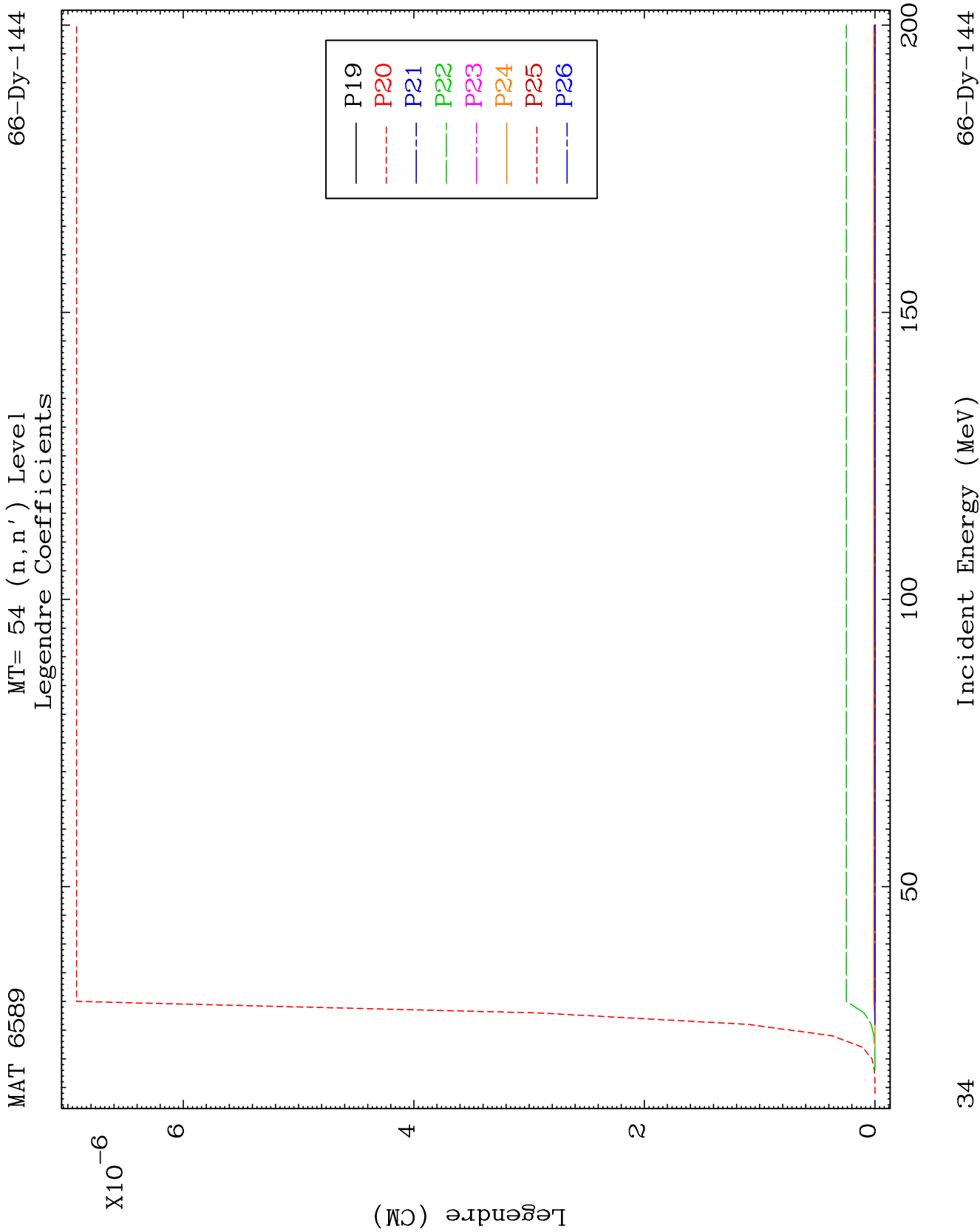
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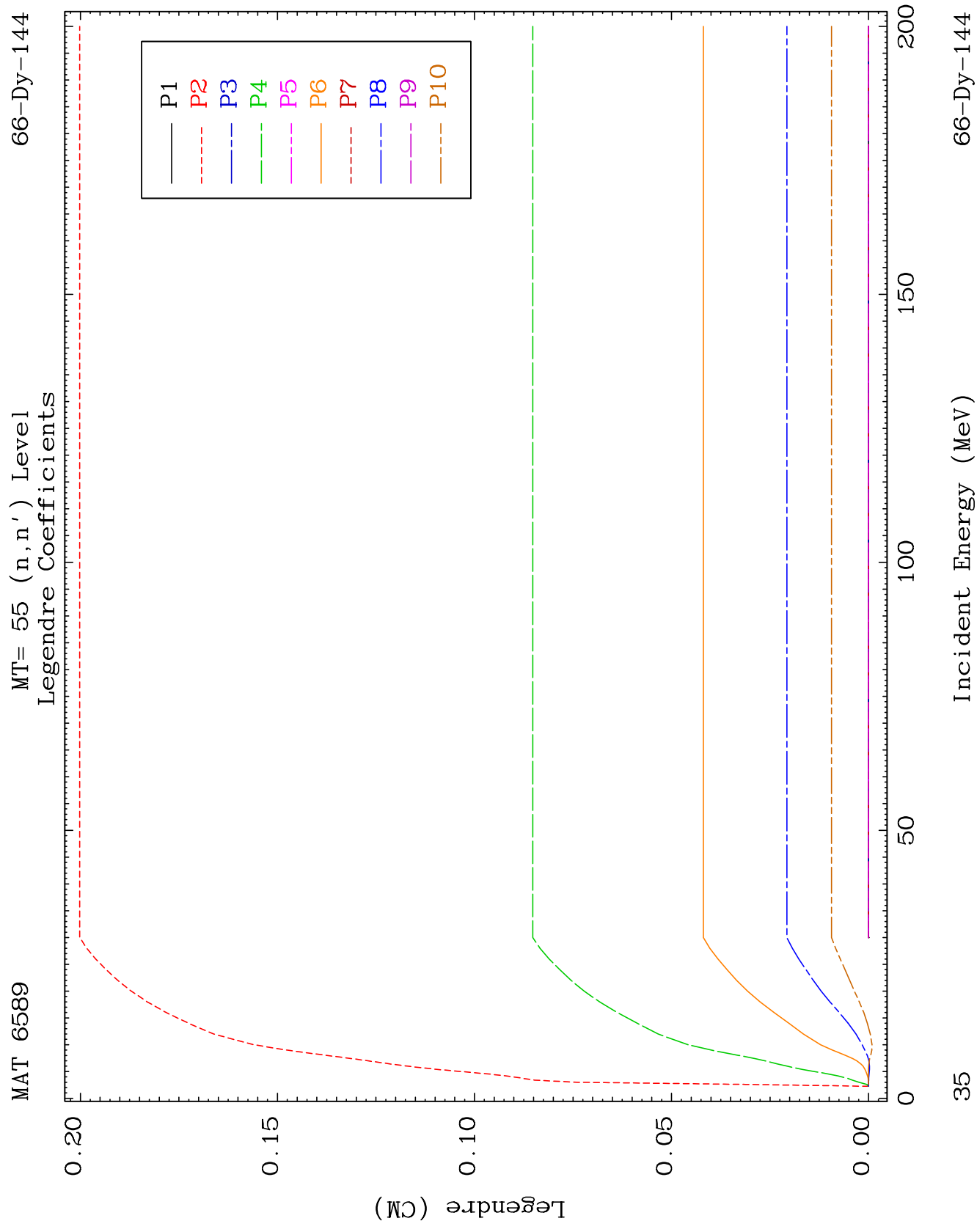








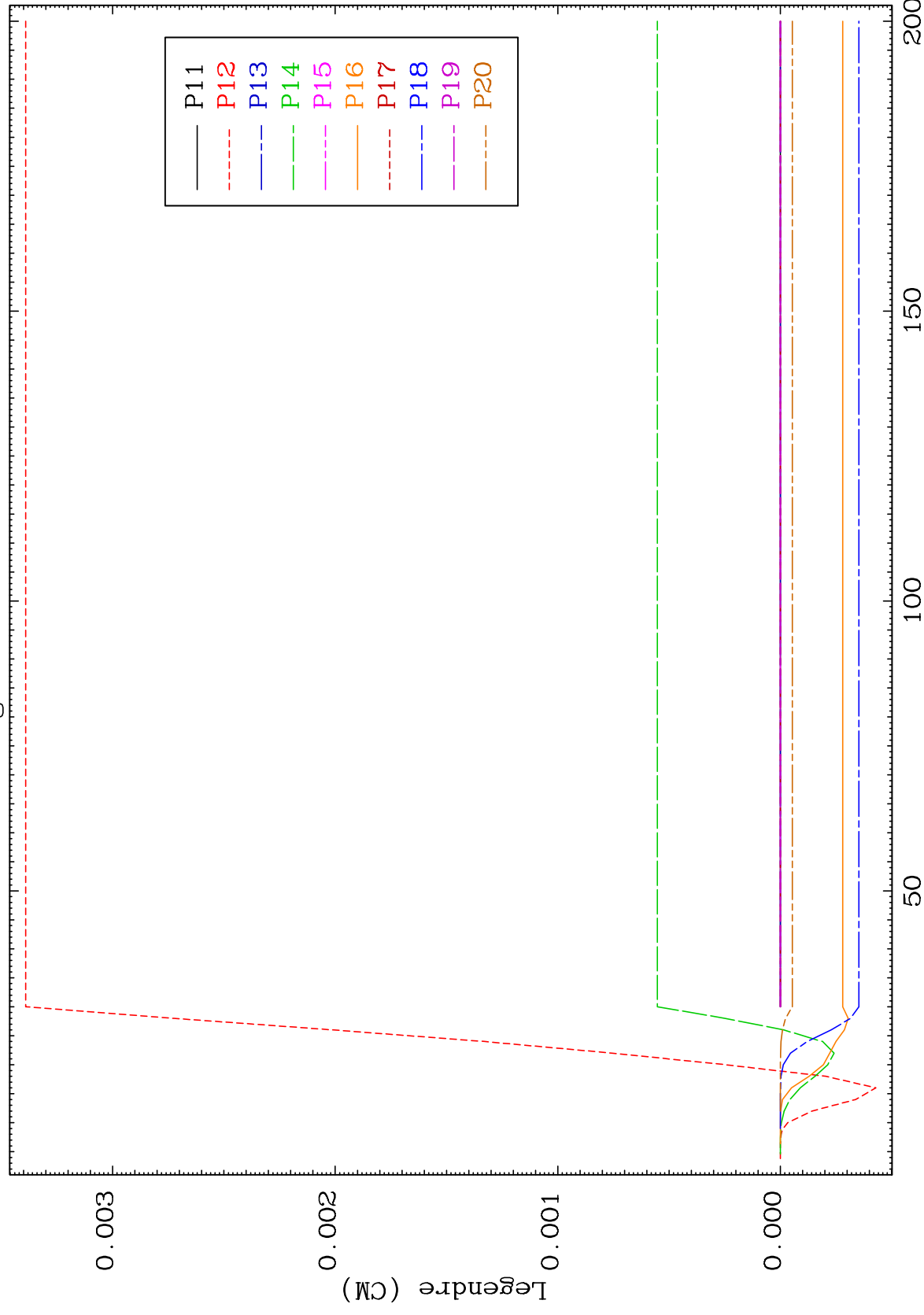




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MT= 55 (n, n') Level
Legendre Coefficients

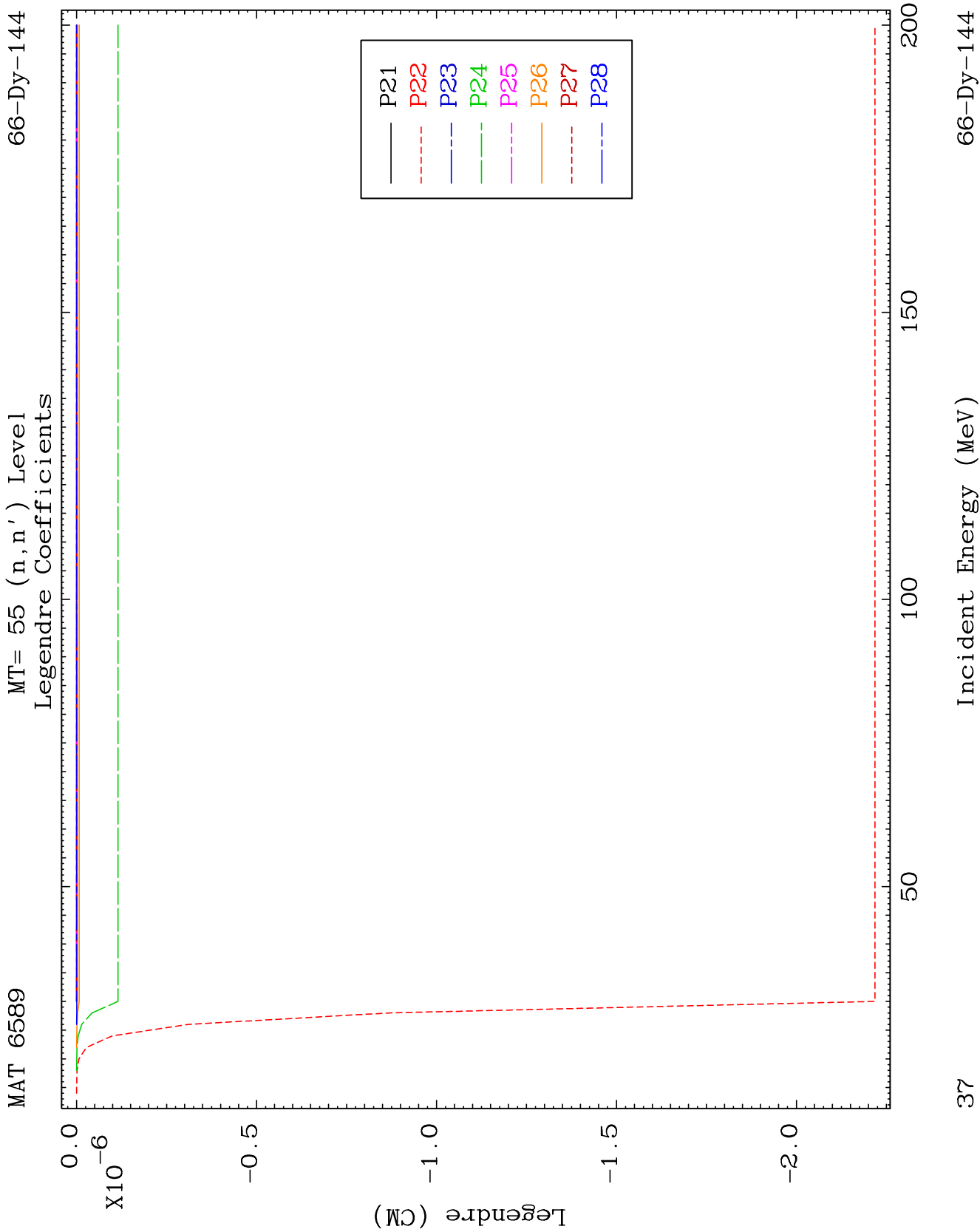
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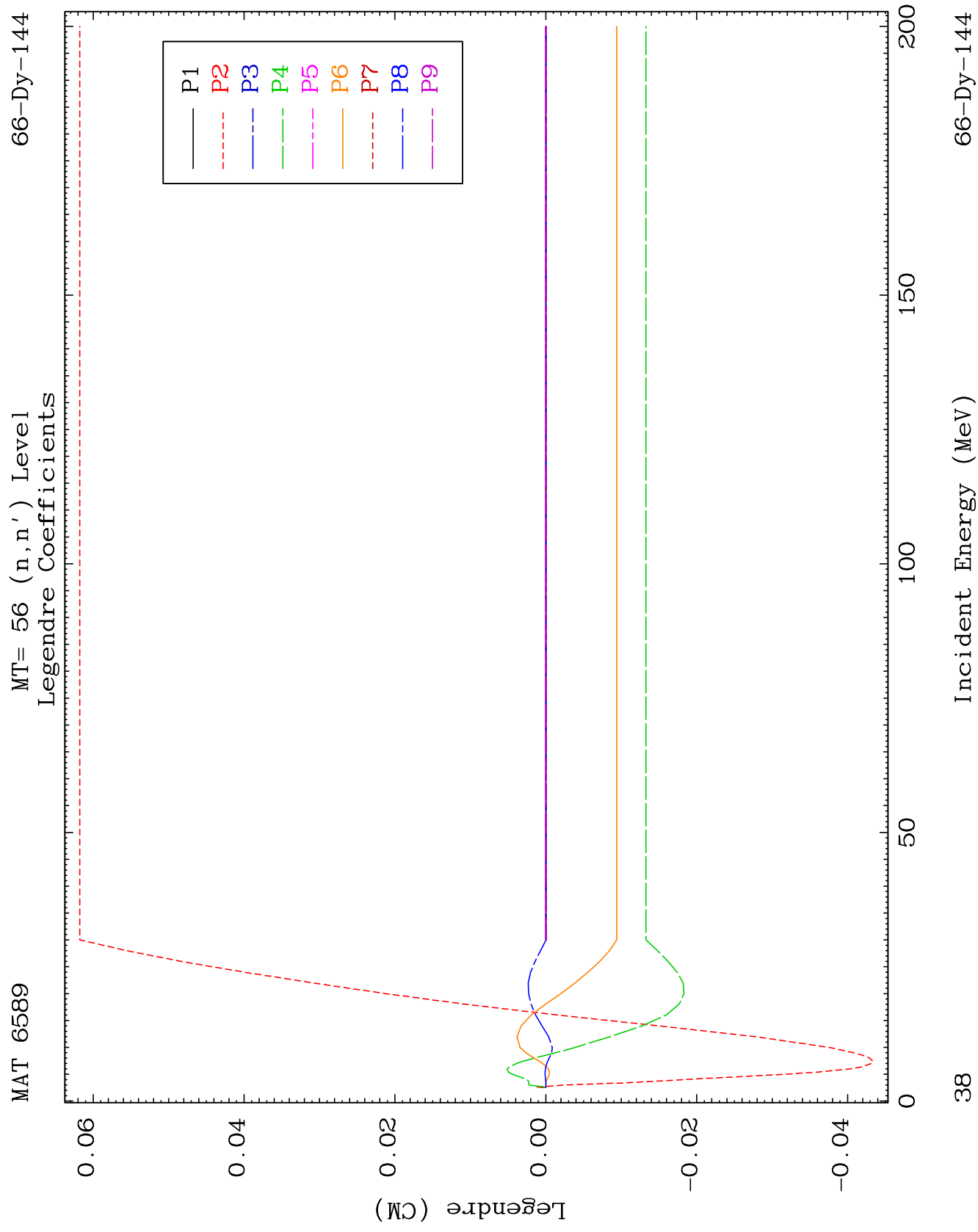


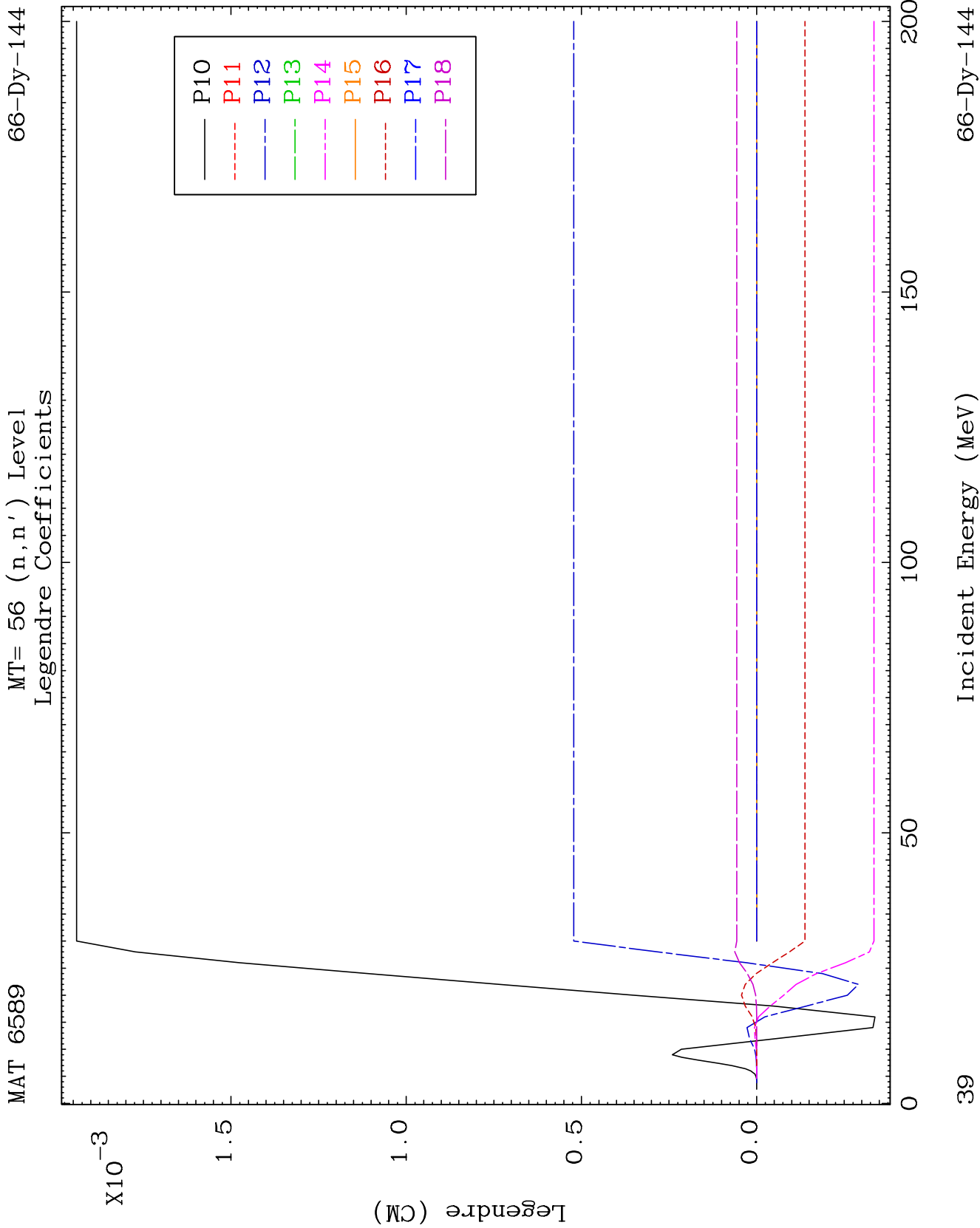
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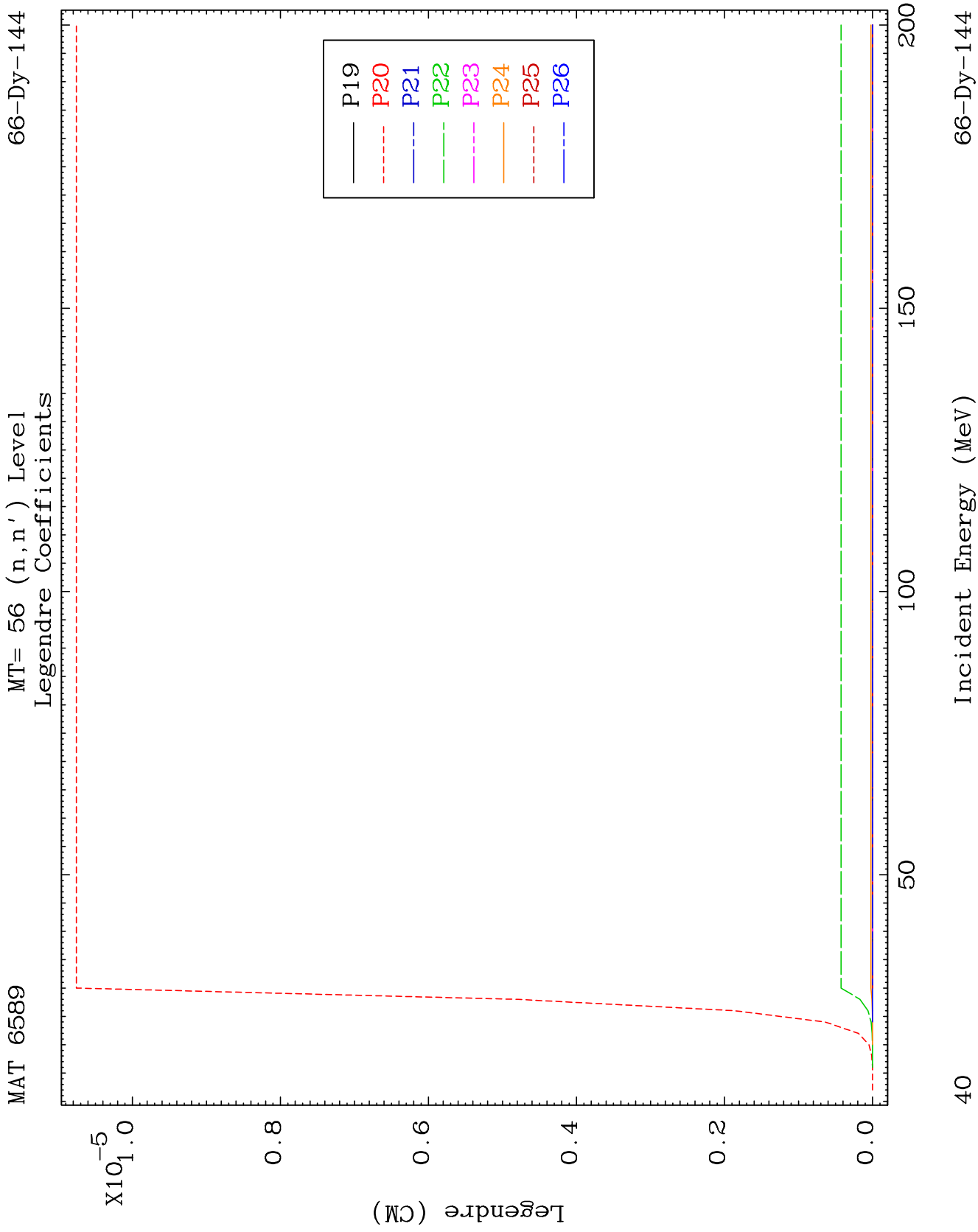
Incident Energy (MeV)

66-Dy-144





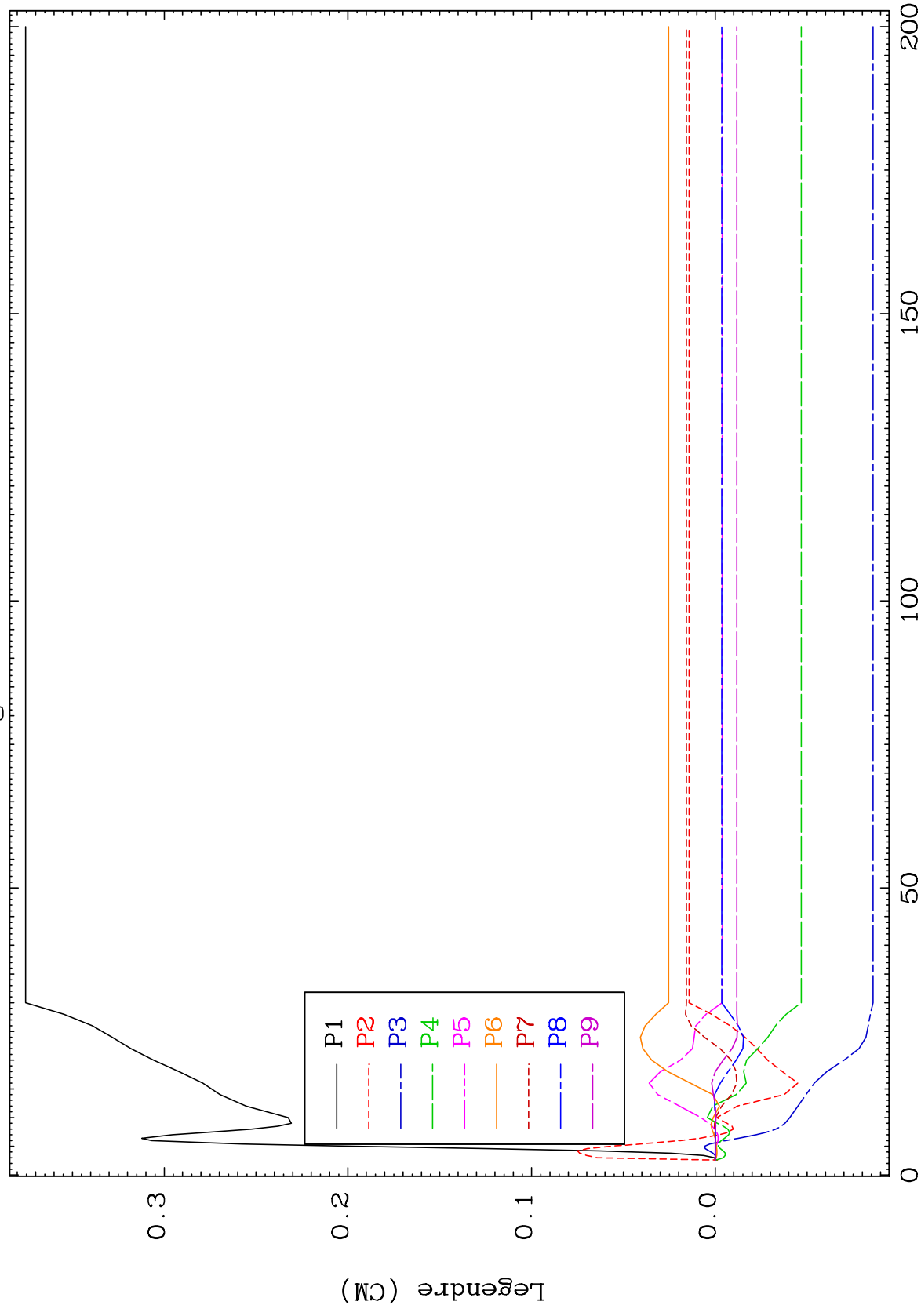




MAT 6589

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

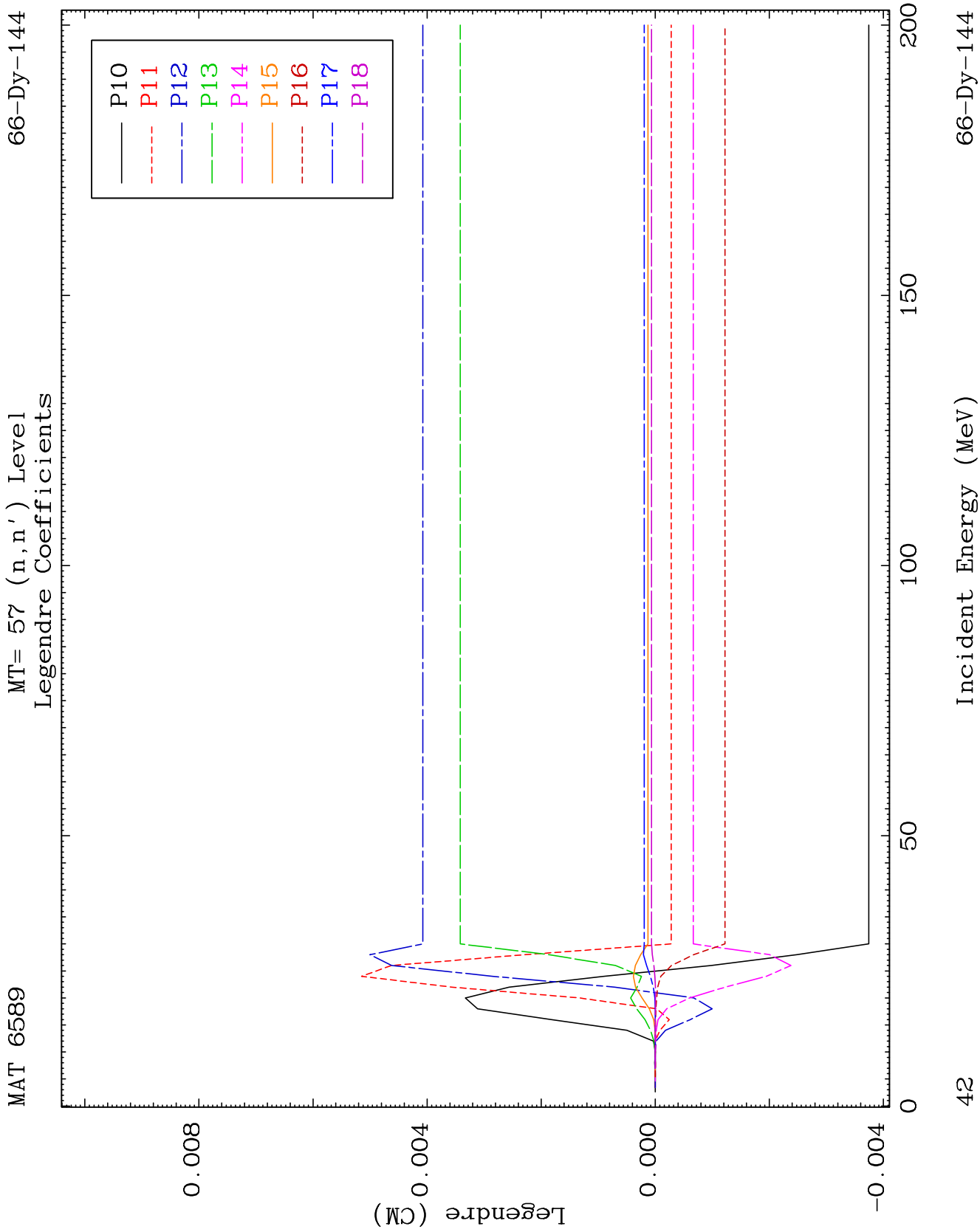
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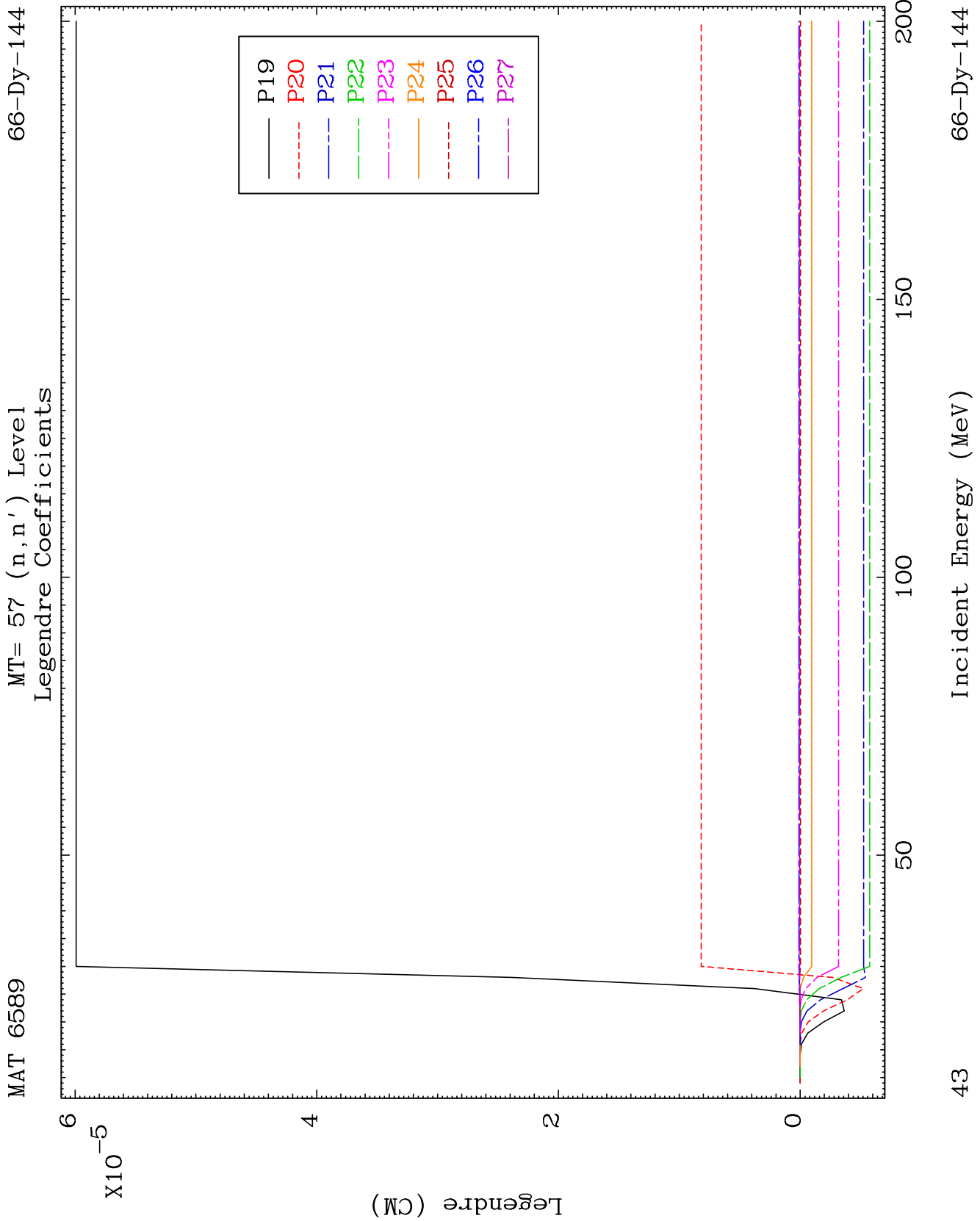


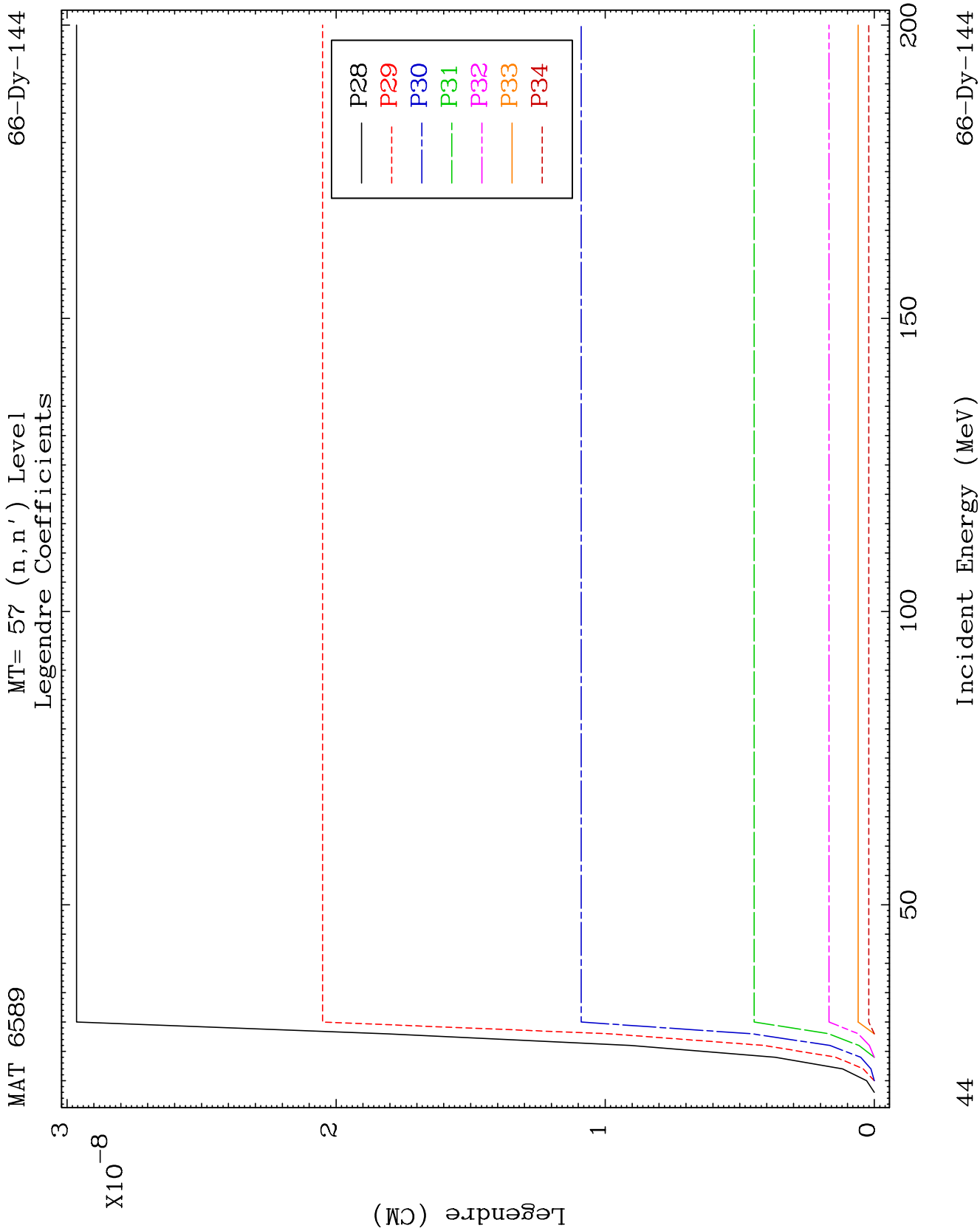
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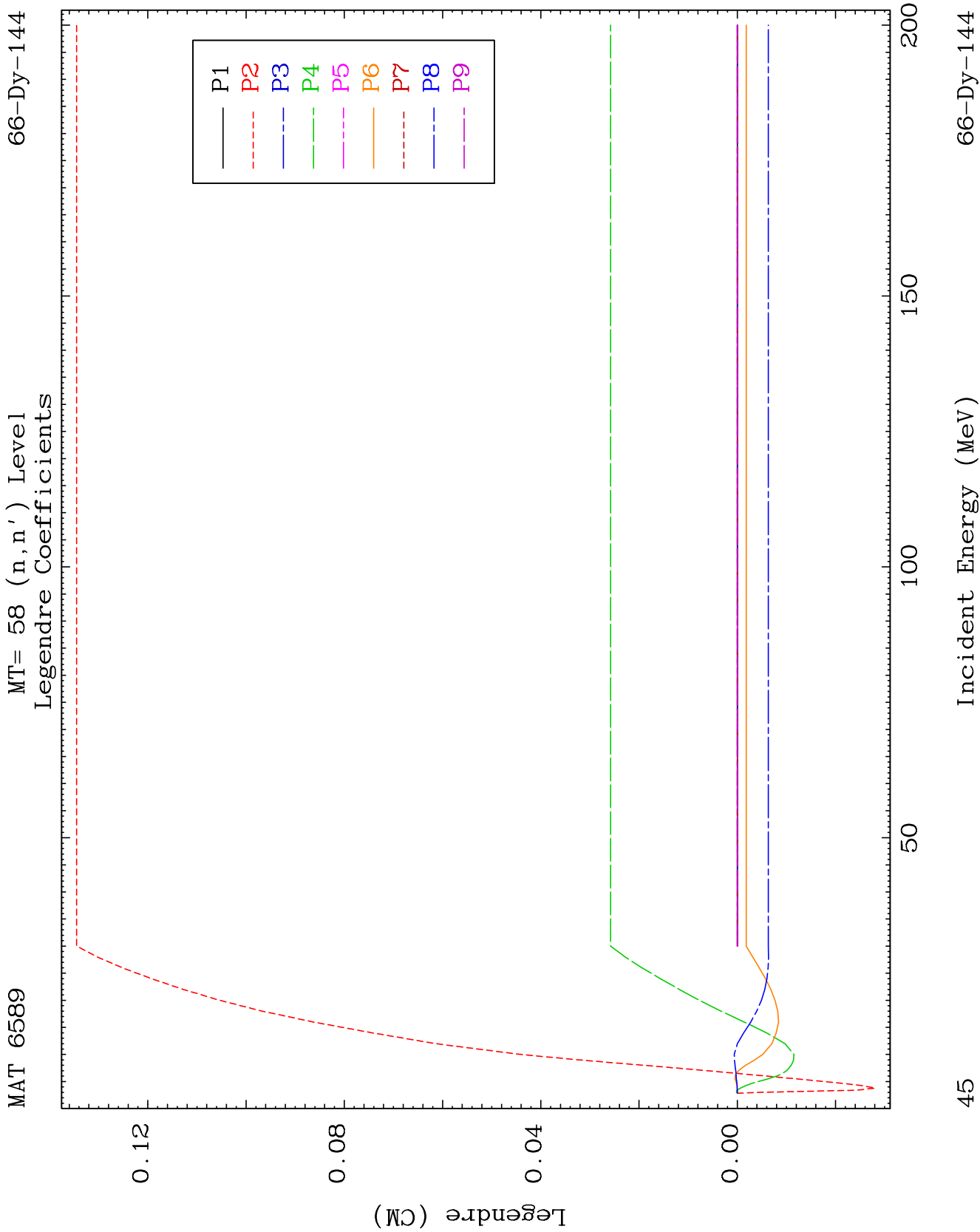
Incident Energy (MeV)

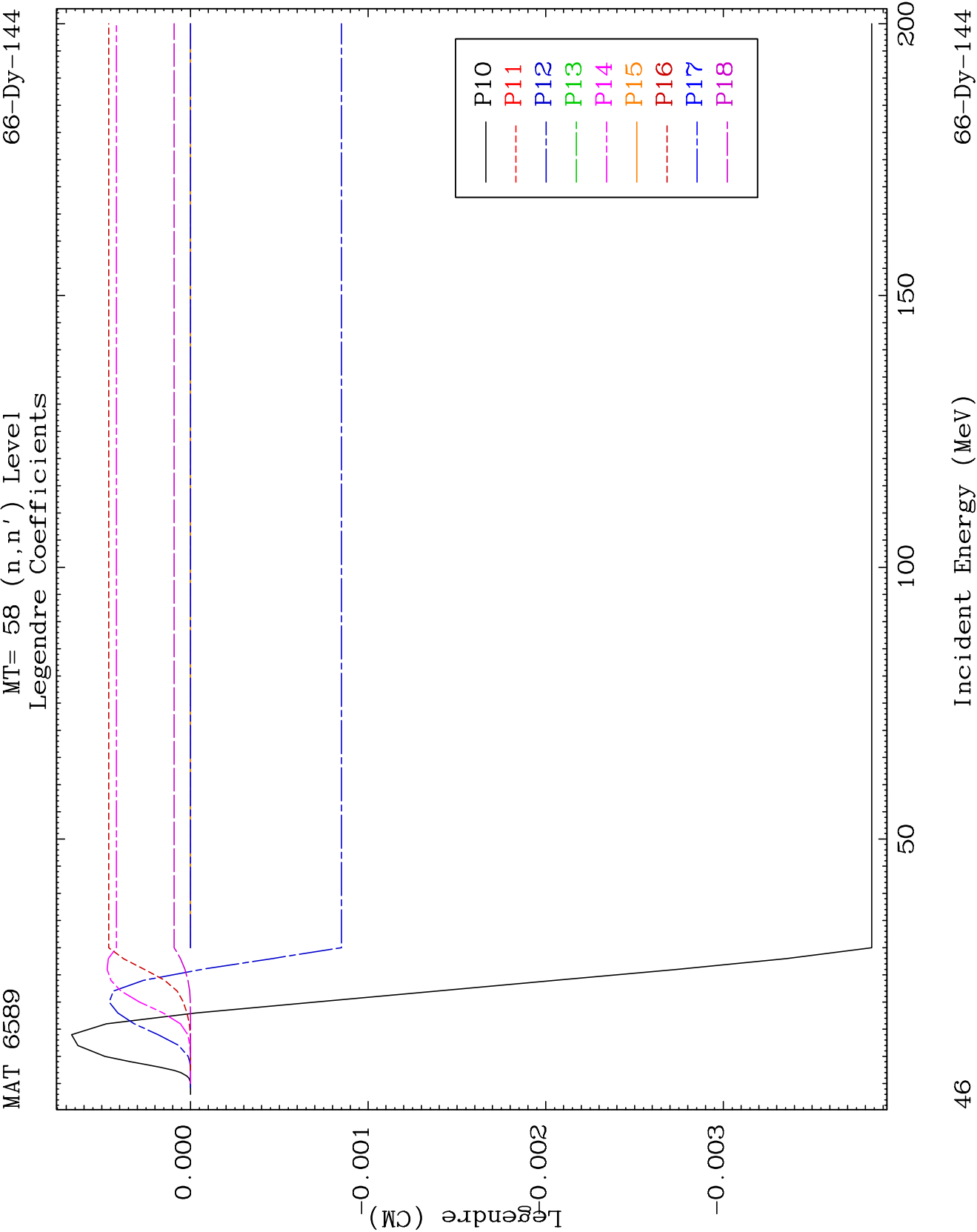
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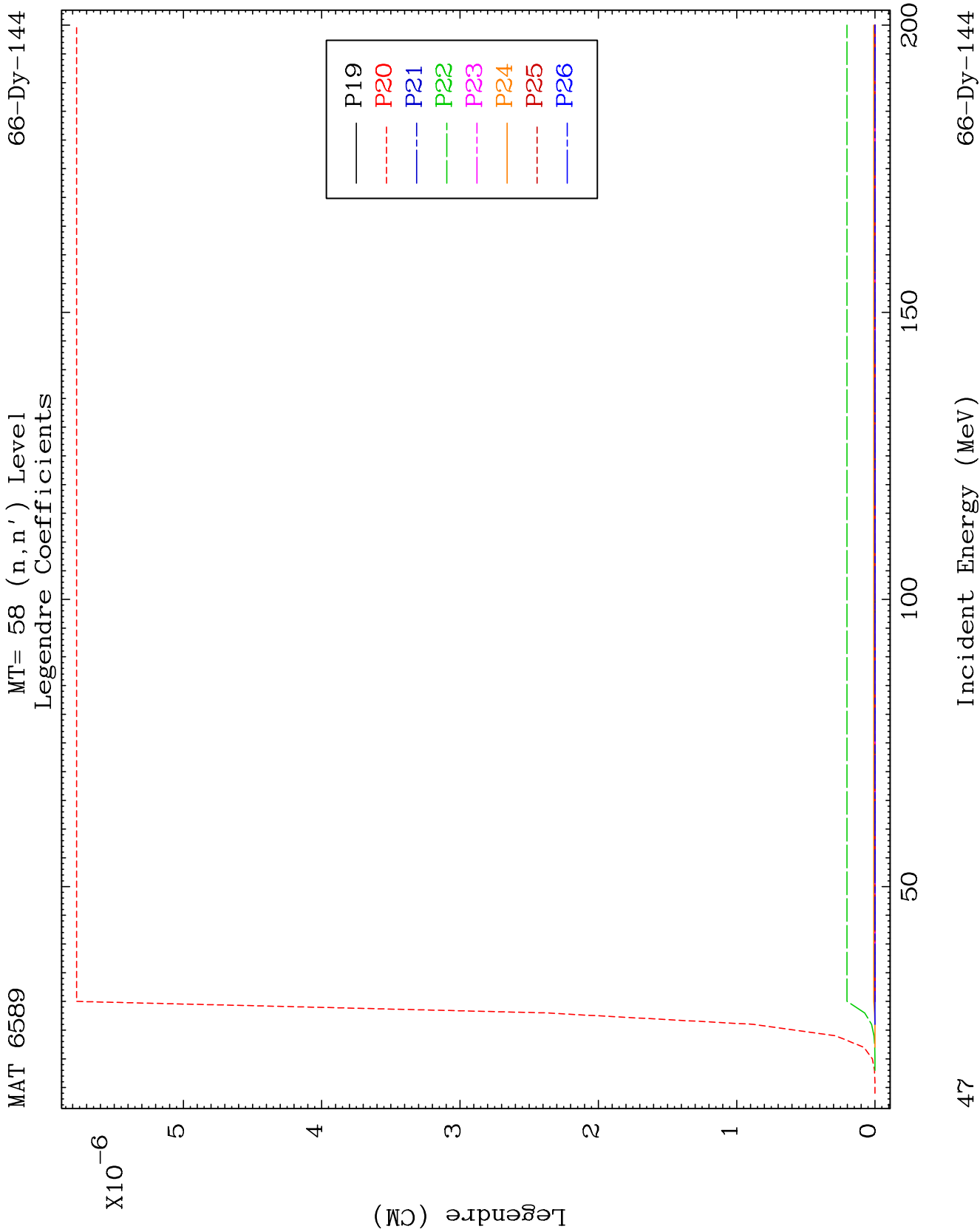


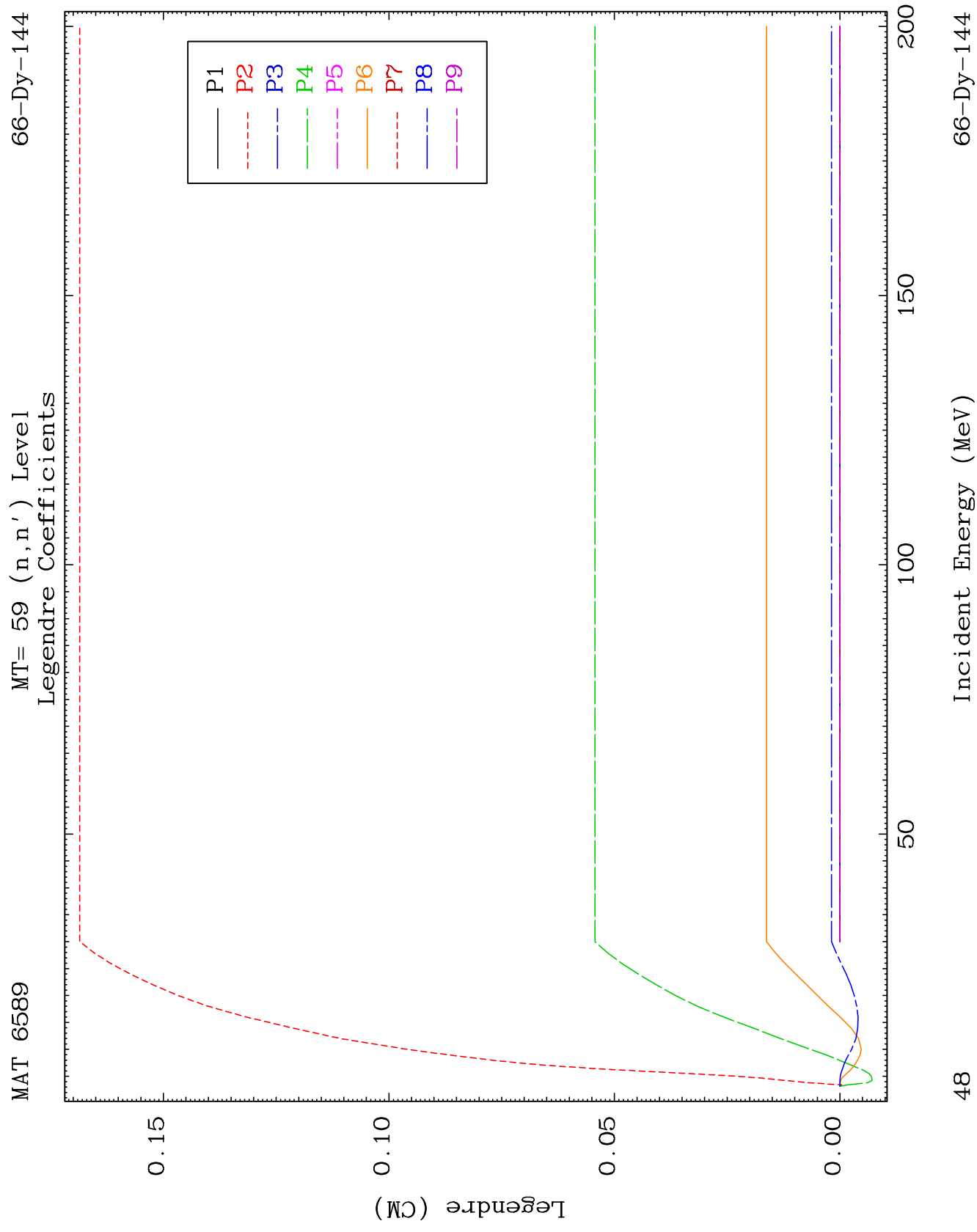








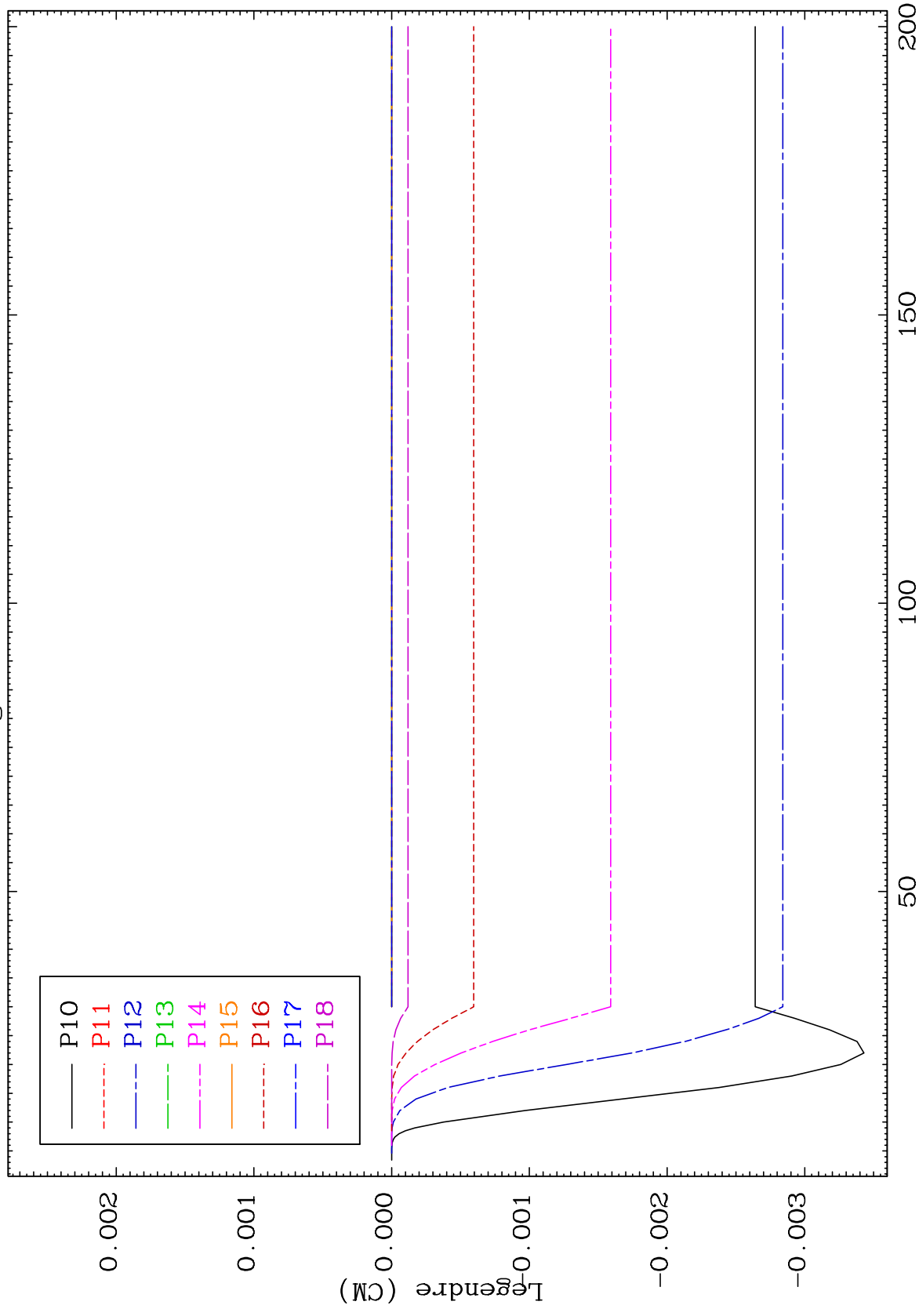




MAT 6589

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

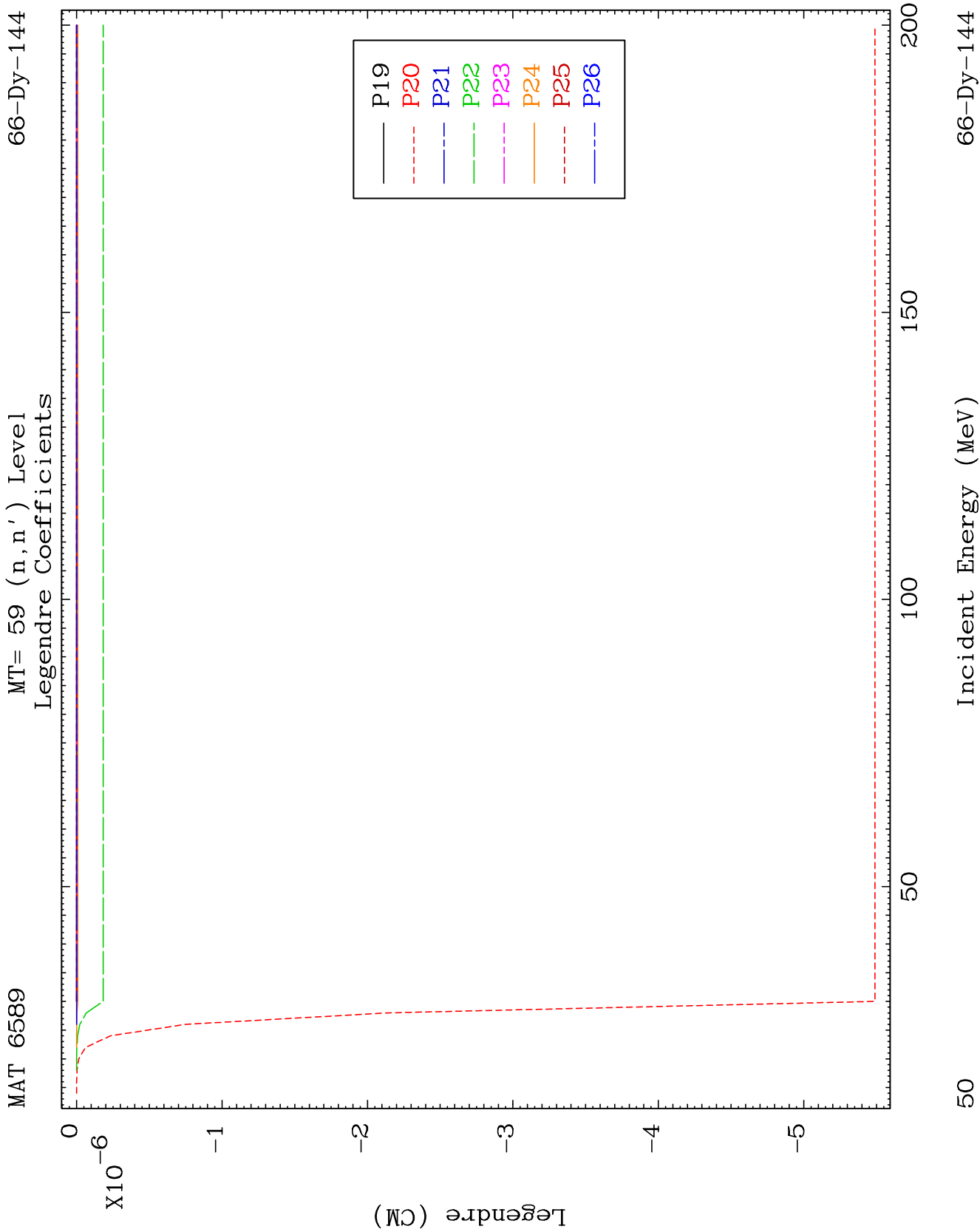
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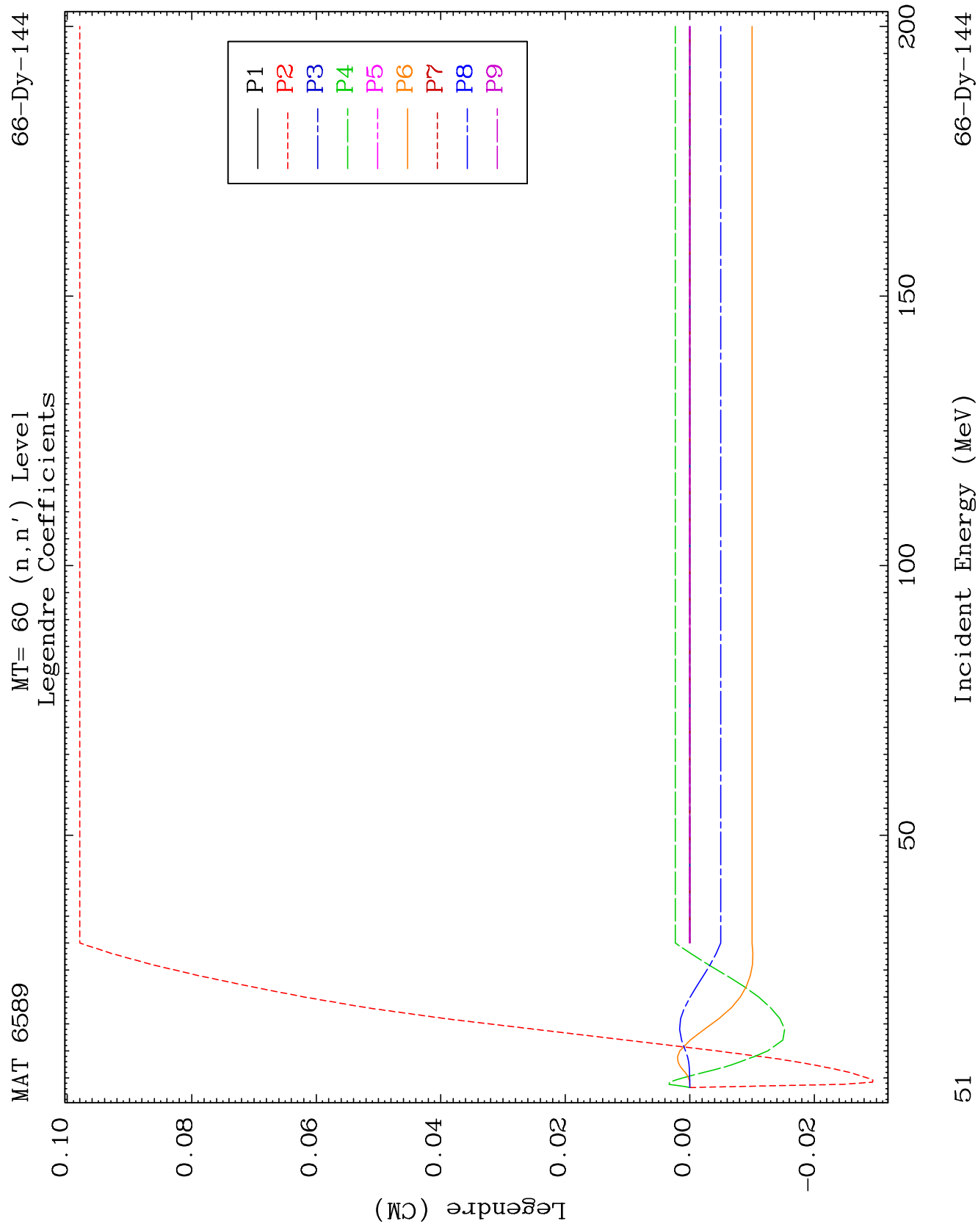


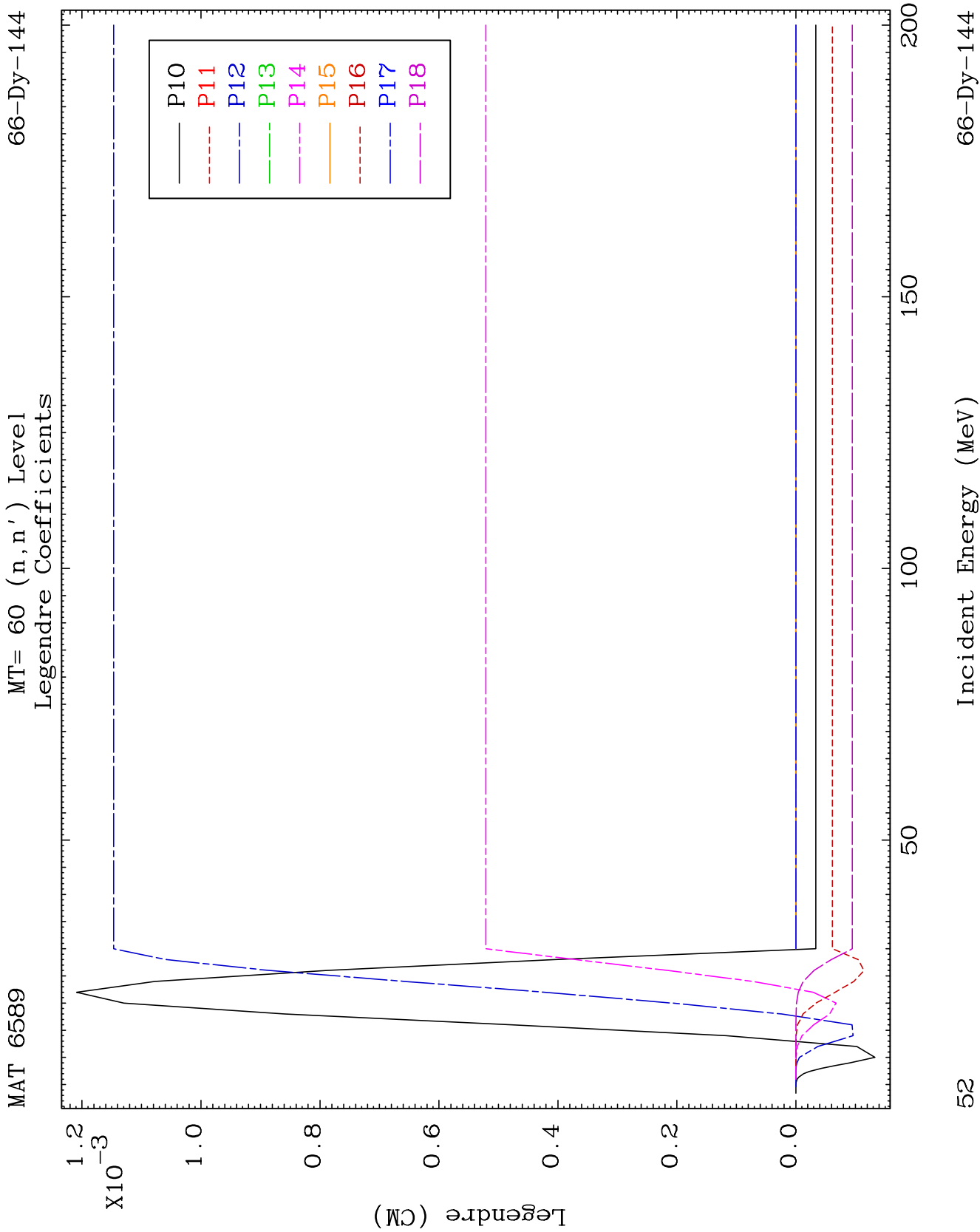
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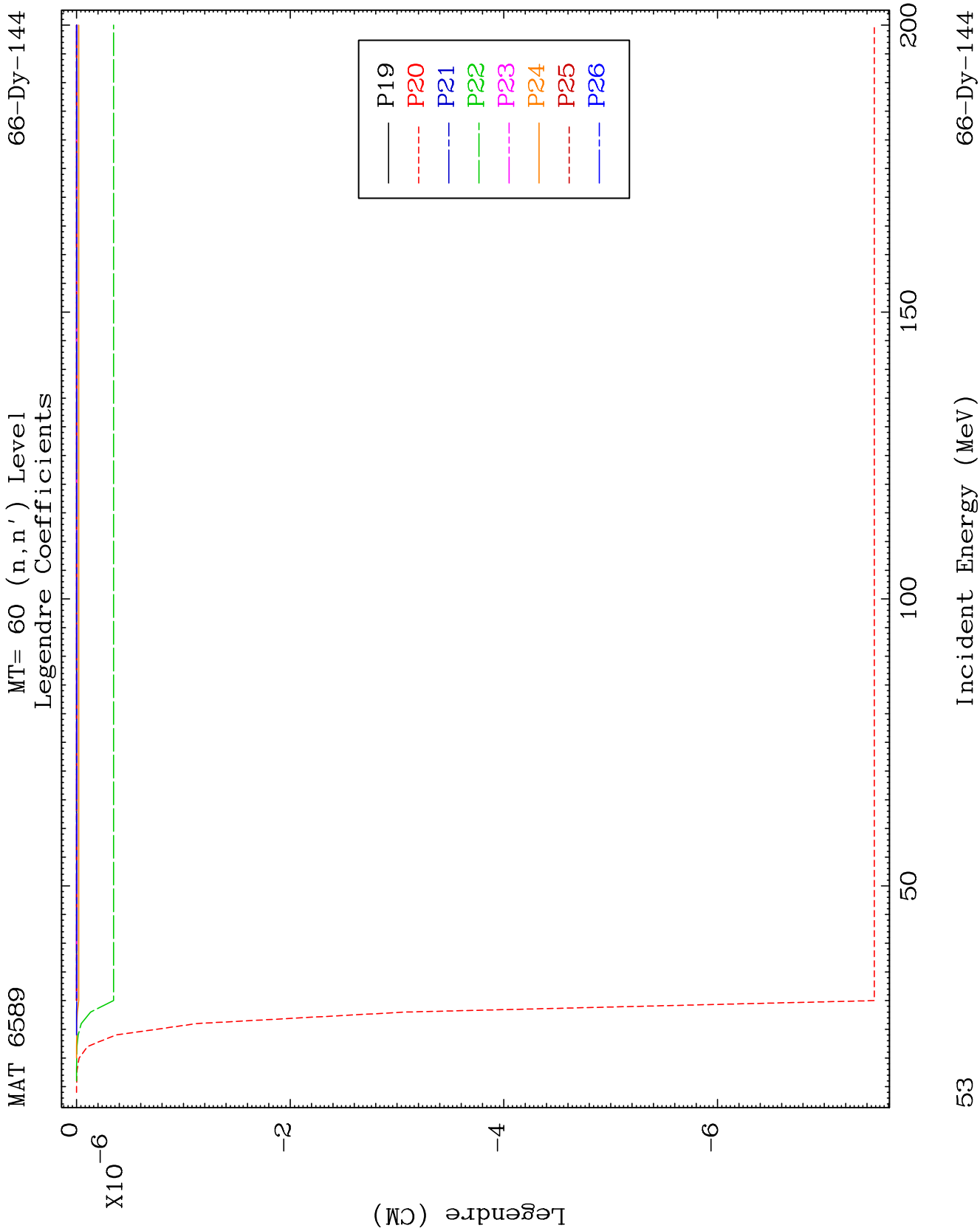
Incident Energy (MeV)

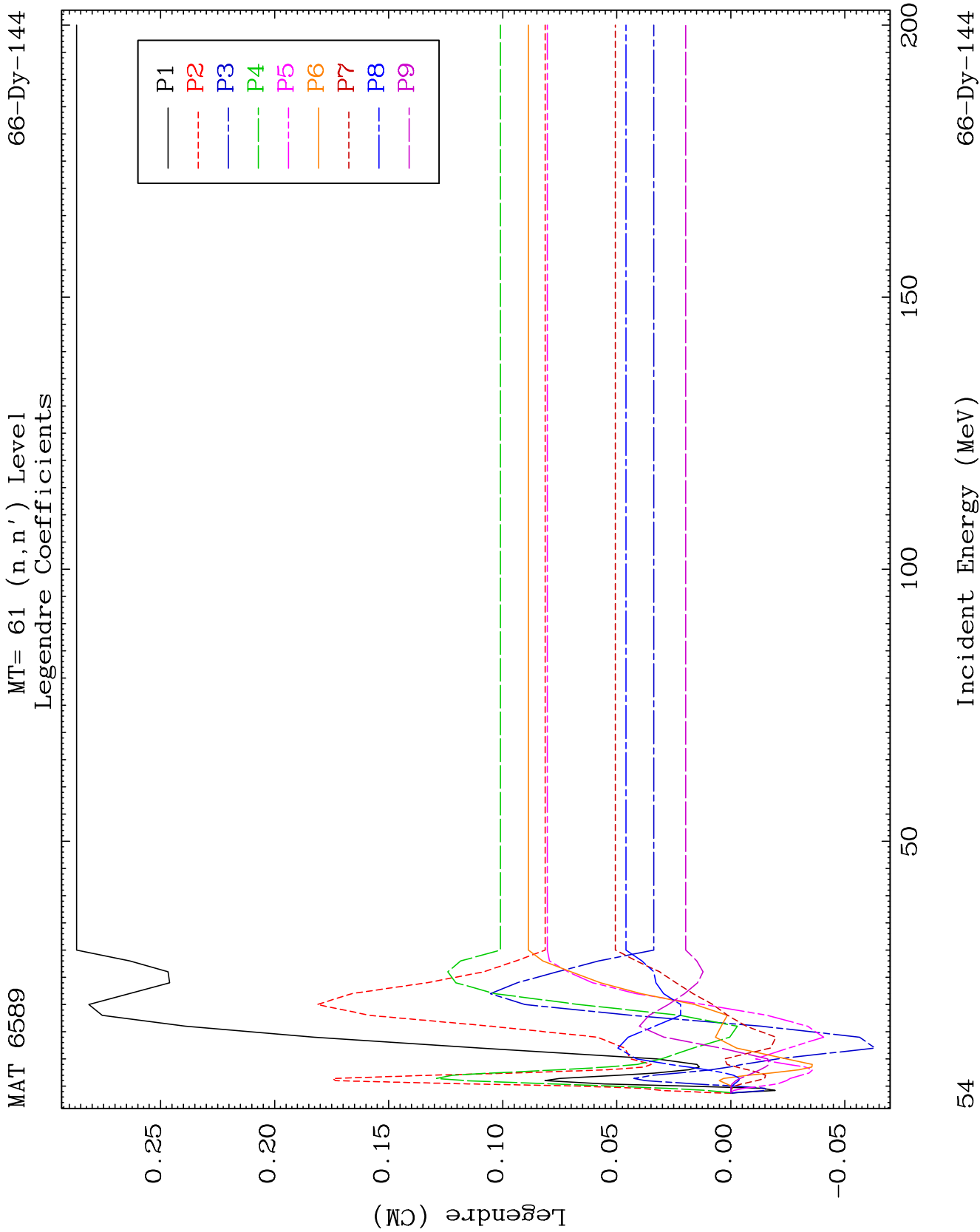
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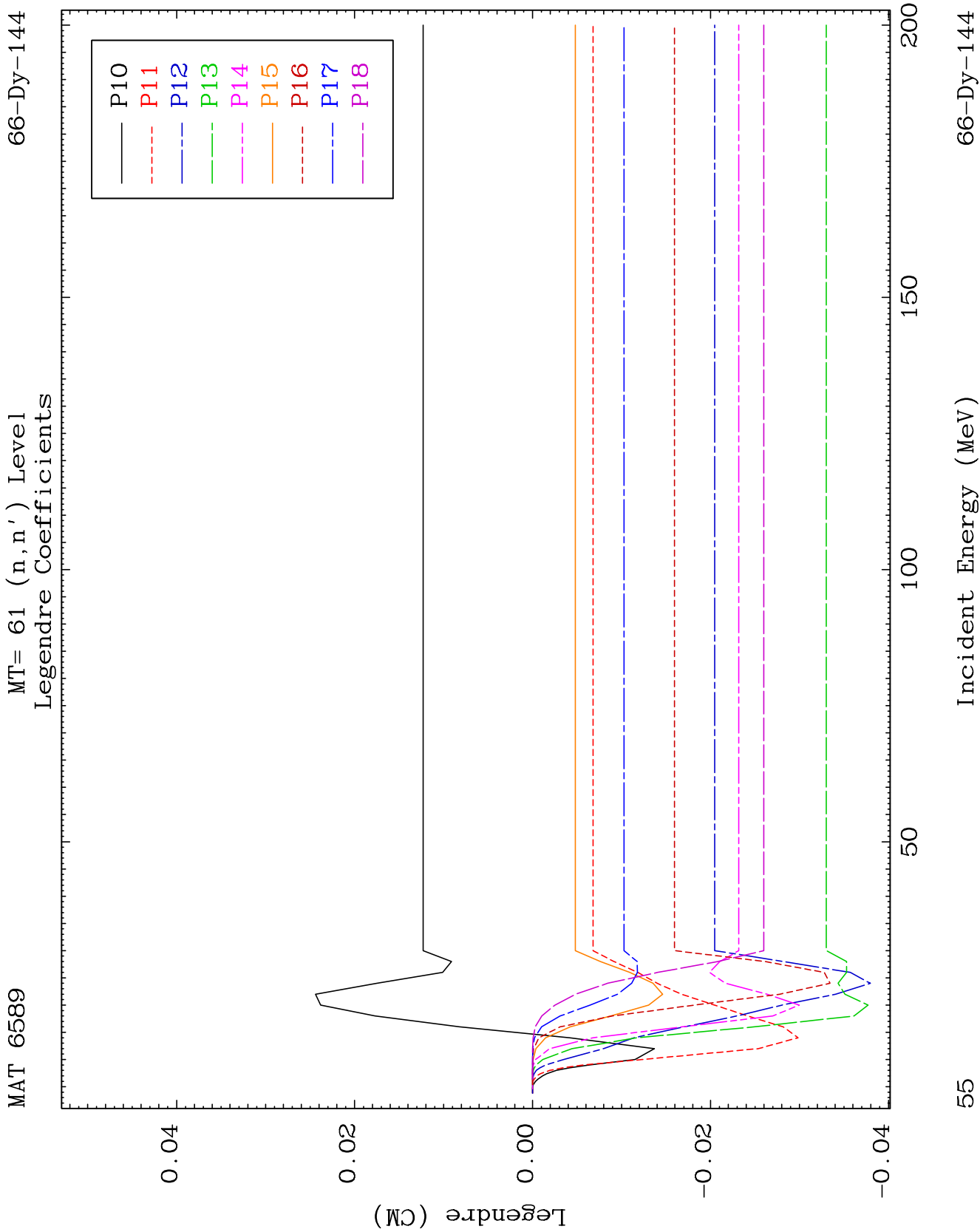


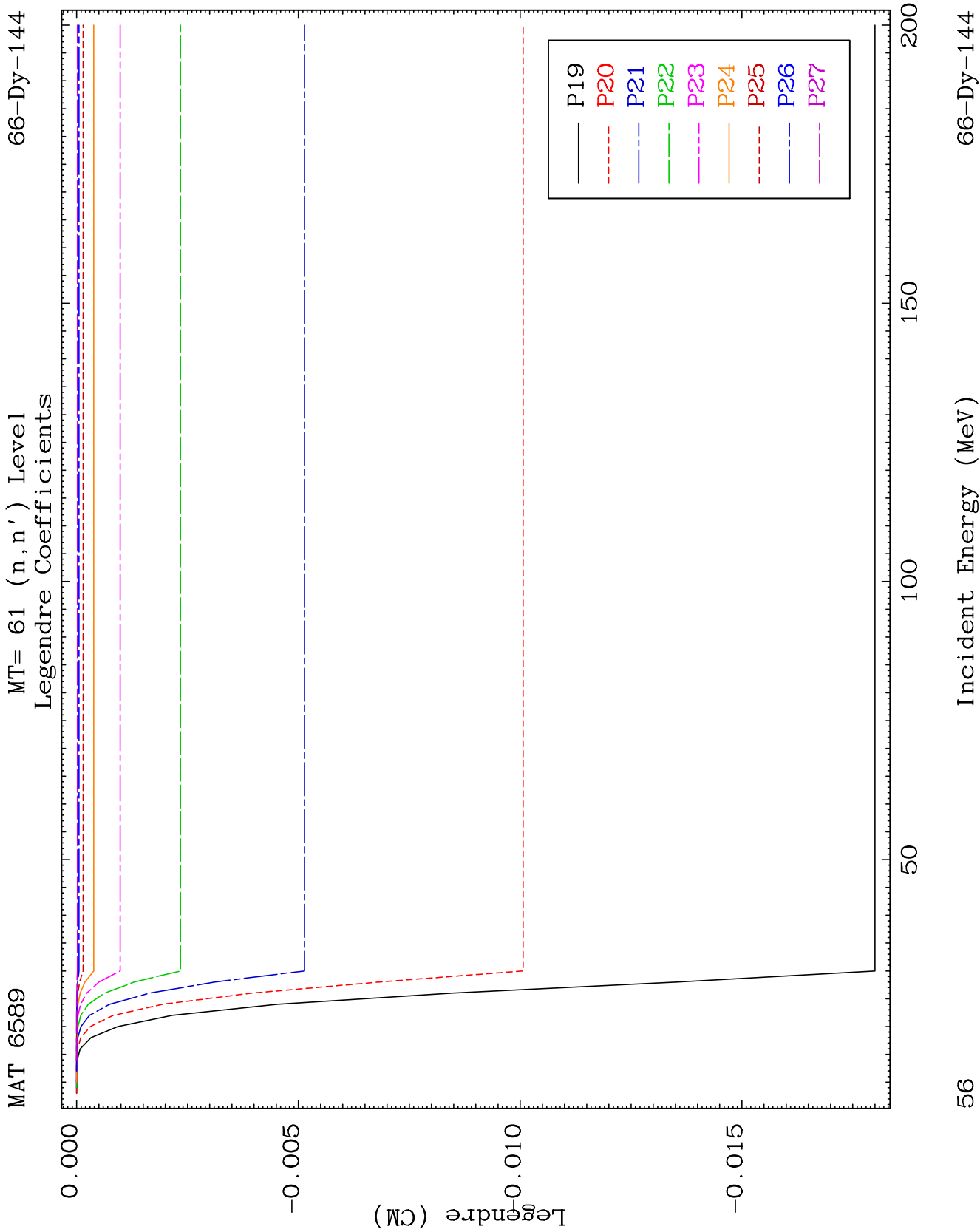


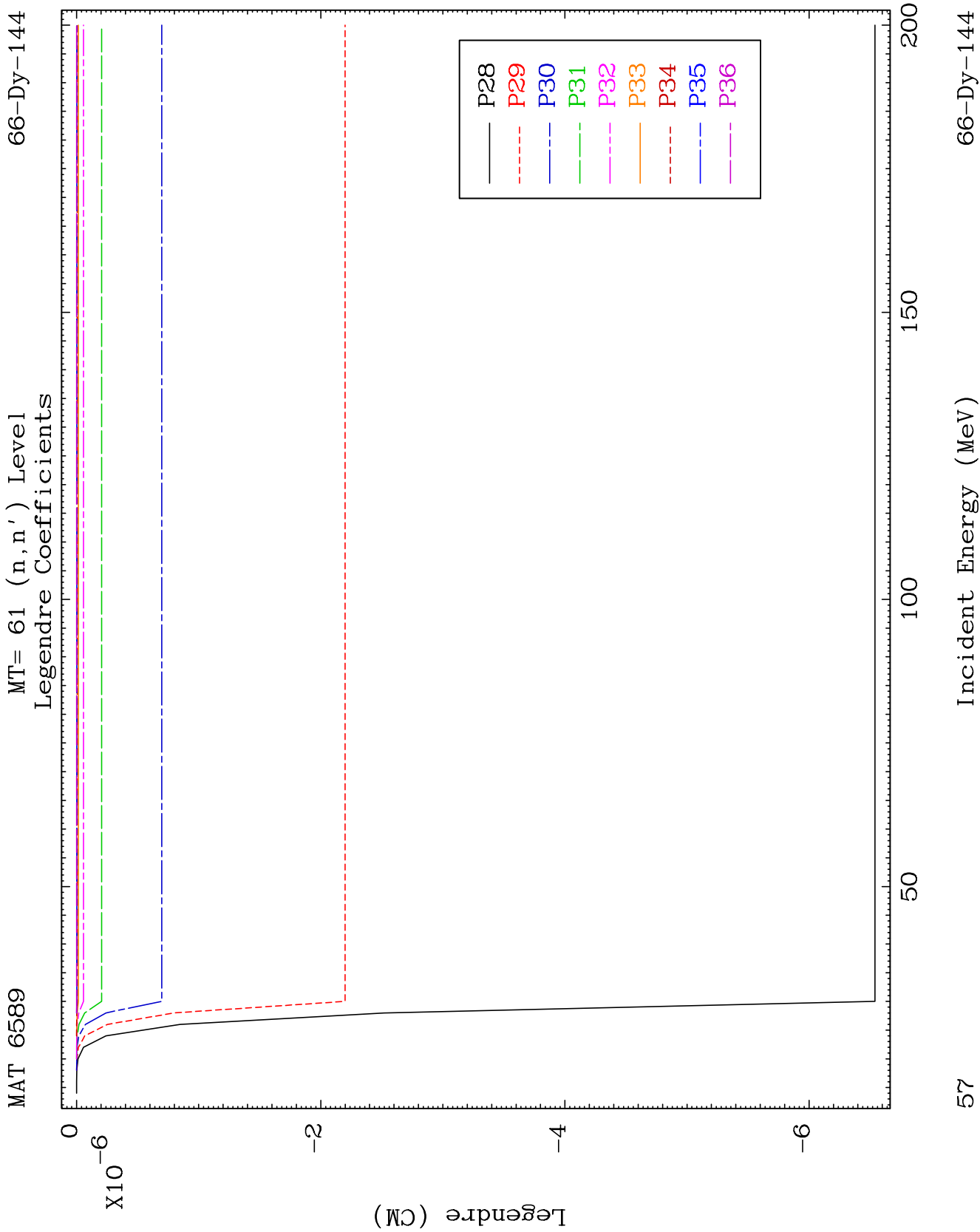








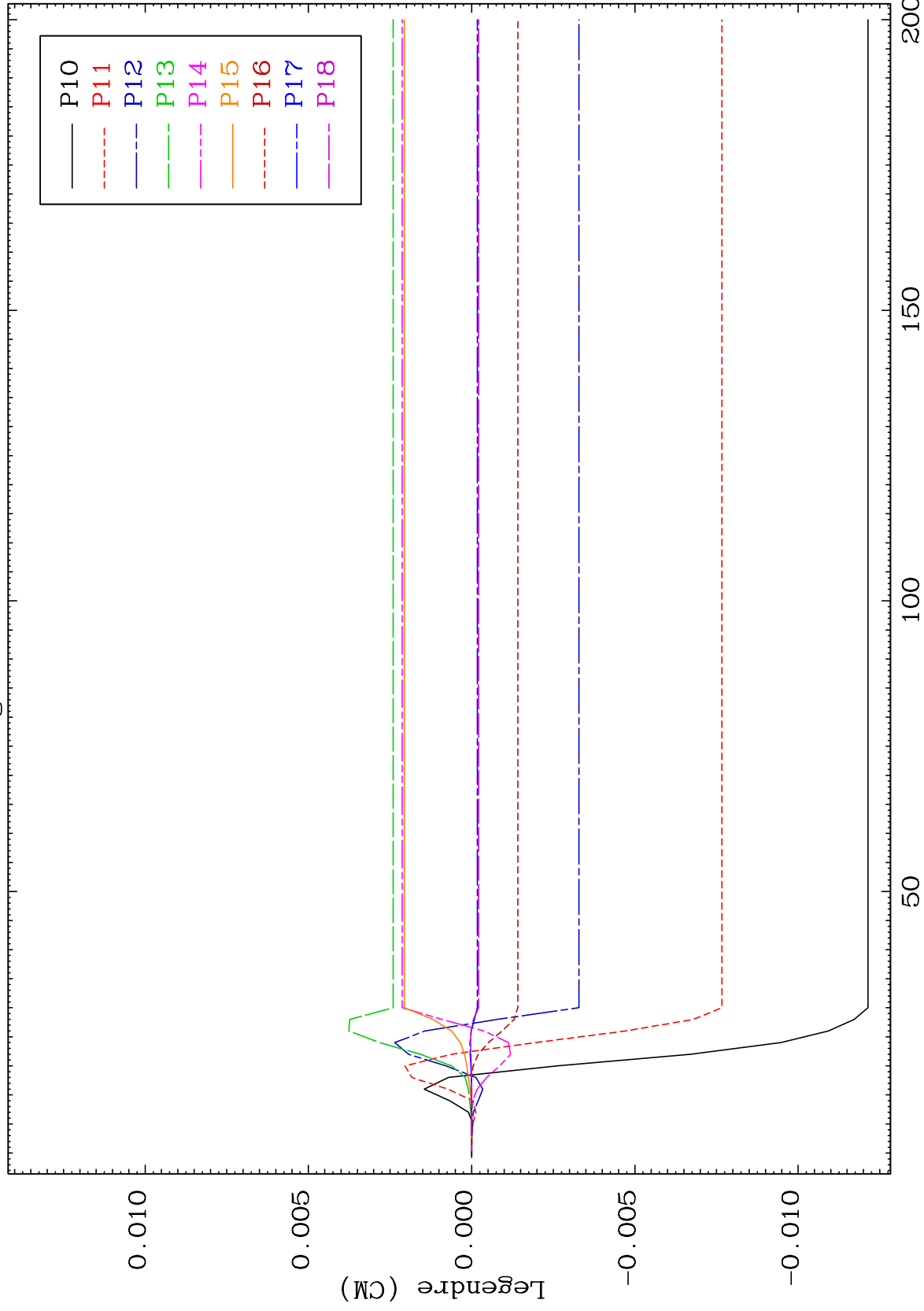




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MT= 62 (n,n') Level
Legendre Coefficients

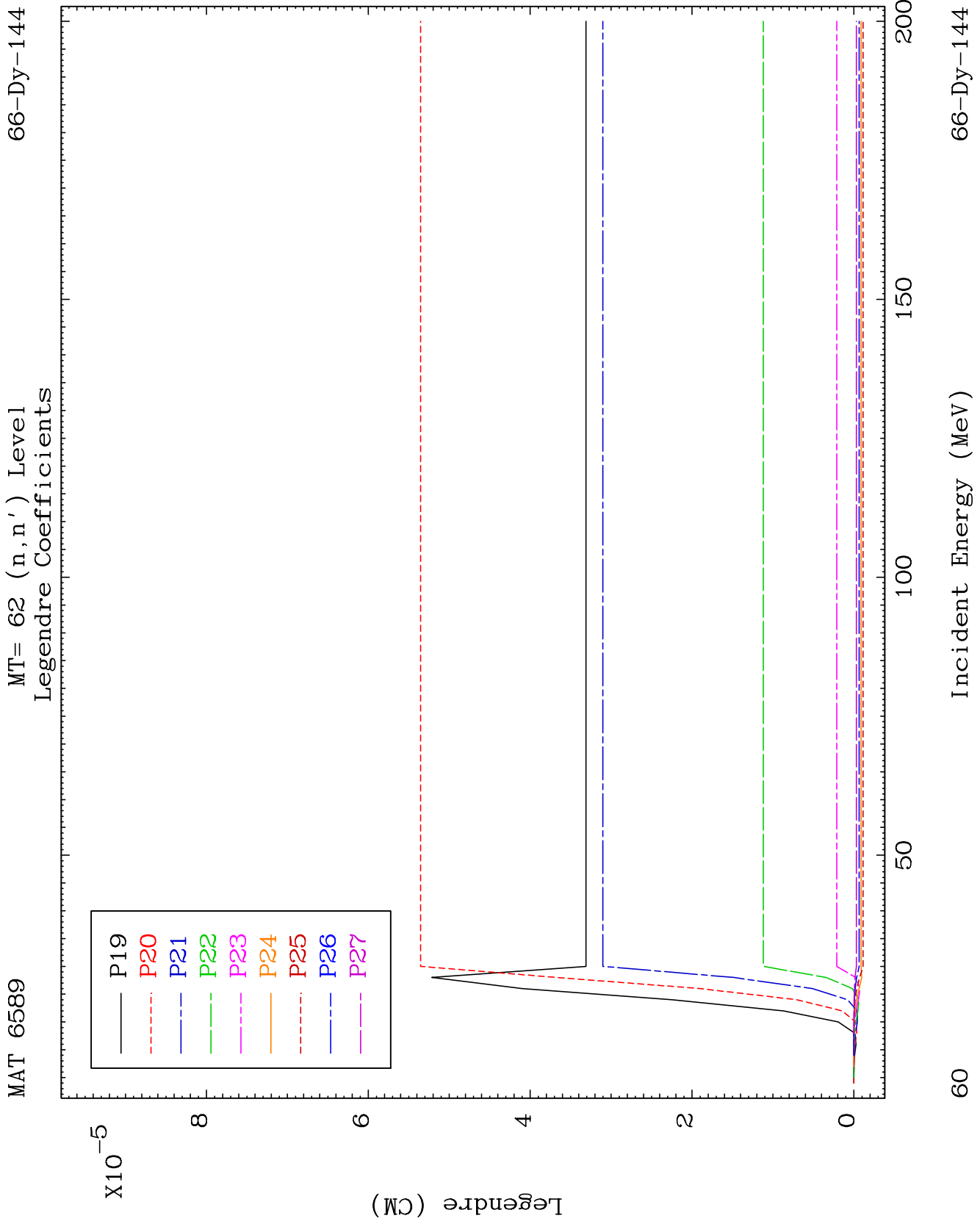
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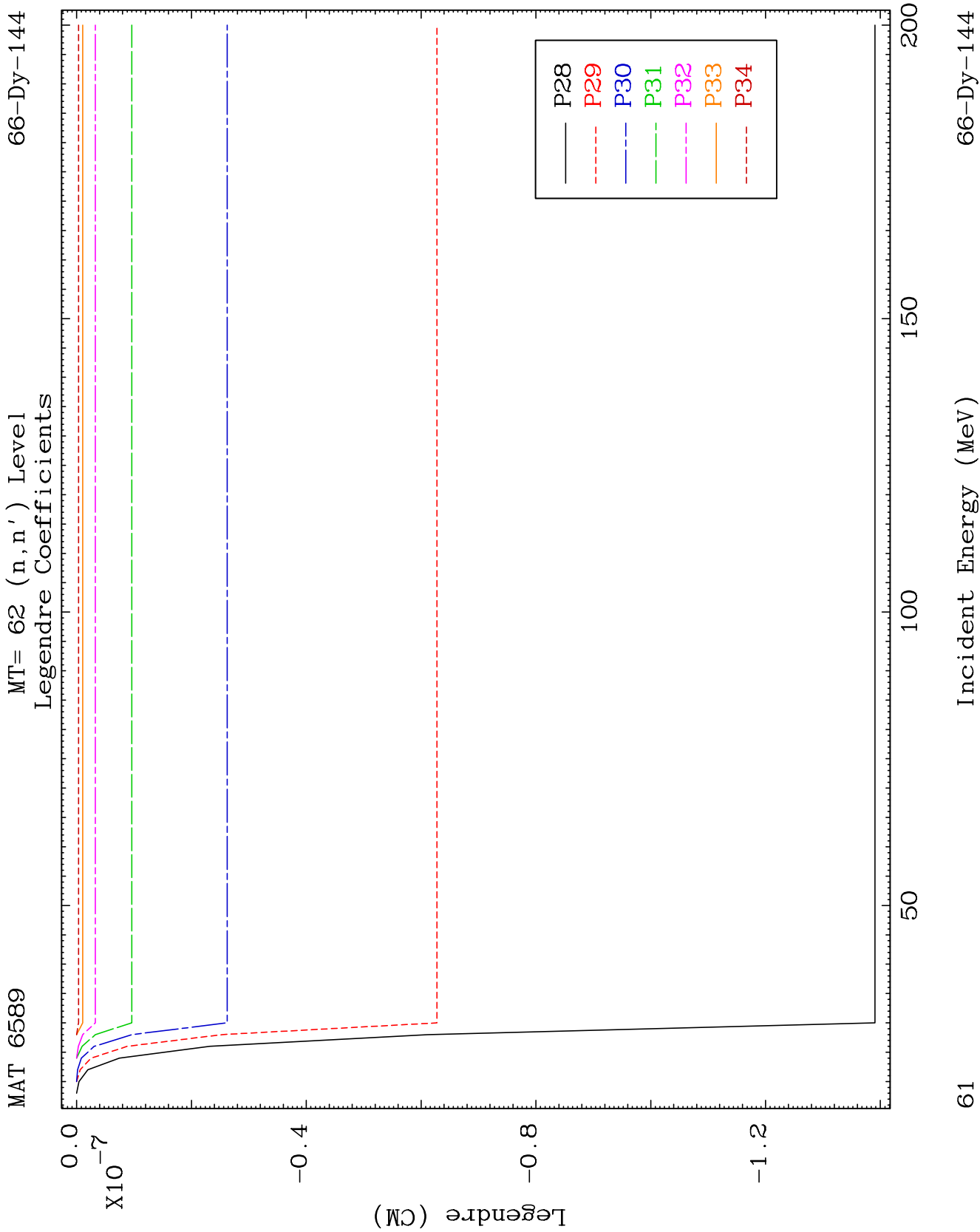


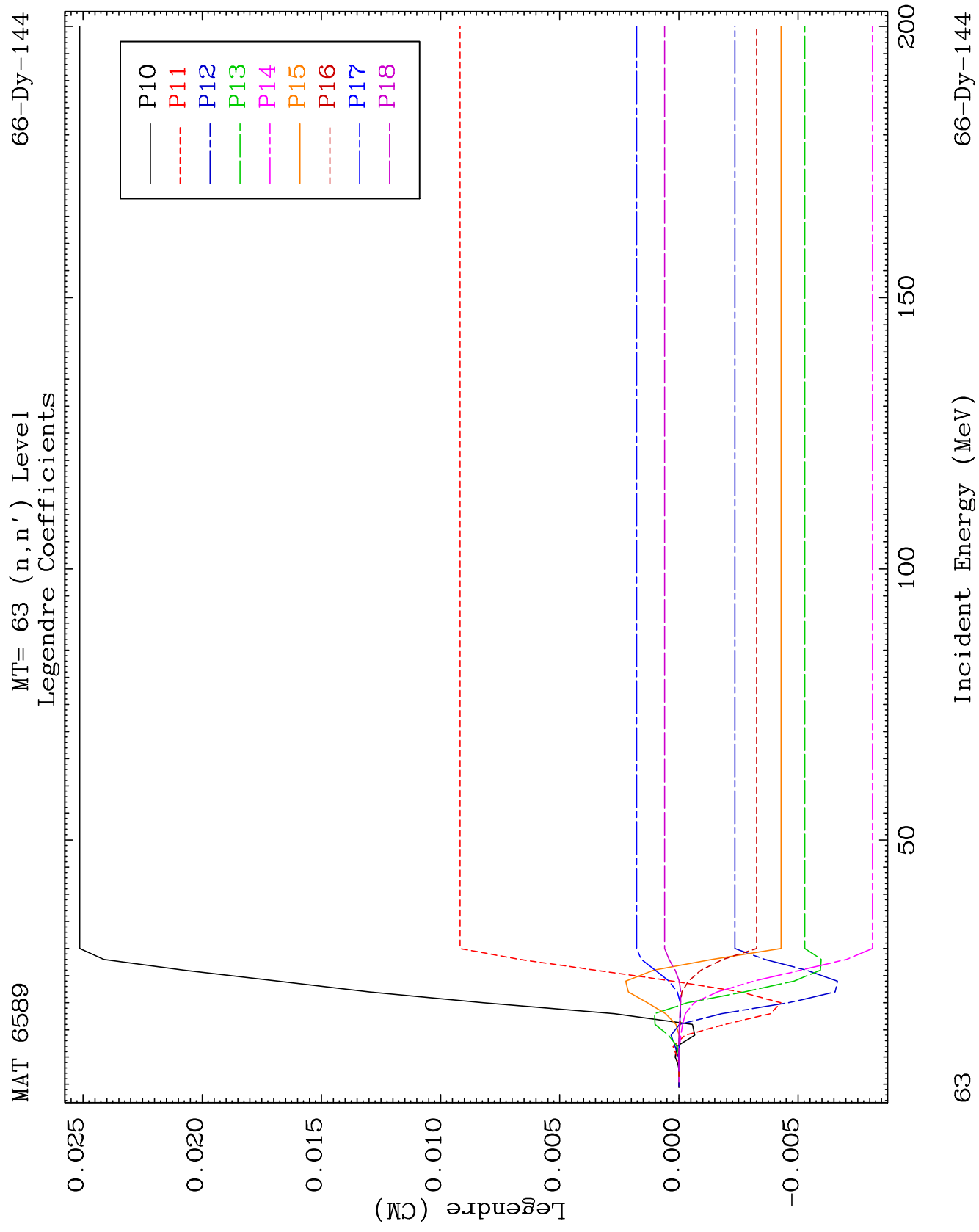
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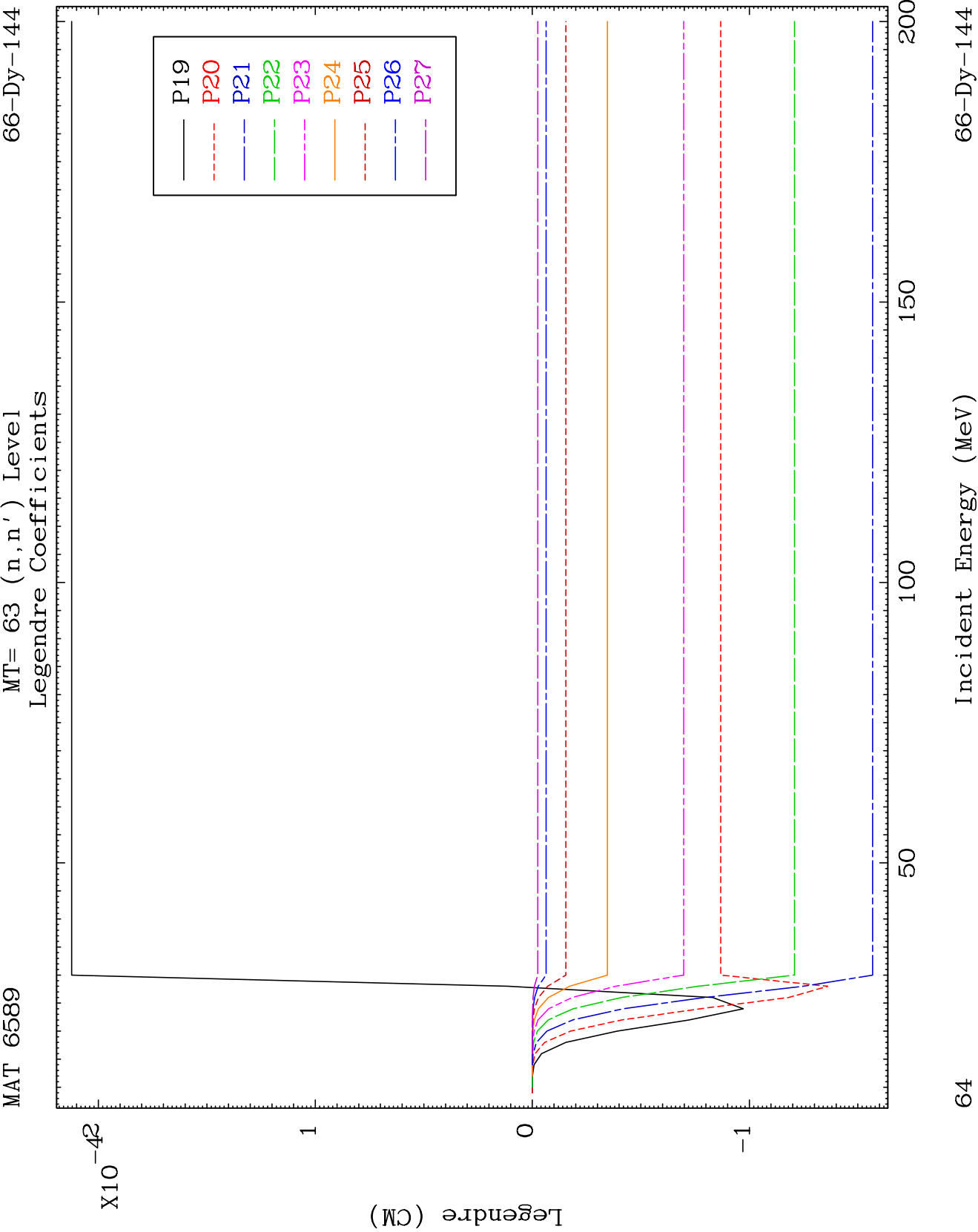
Incident Energy (MeV)

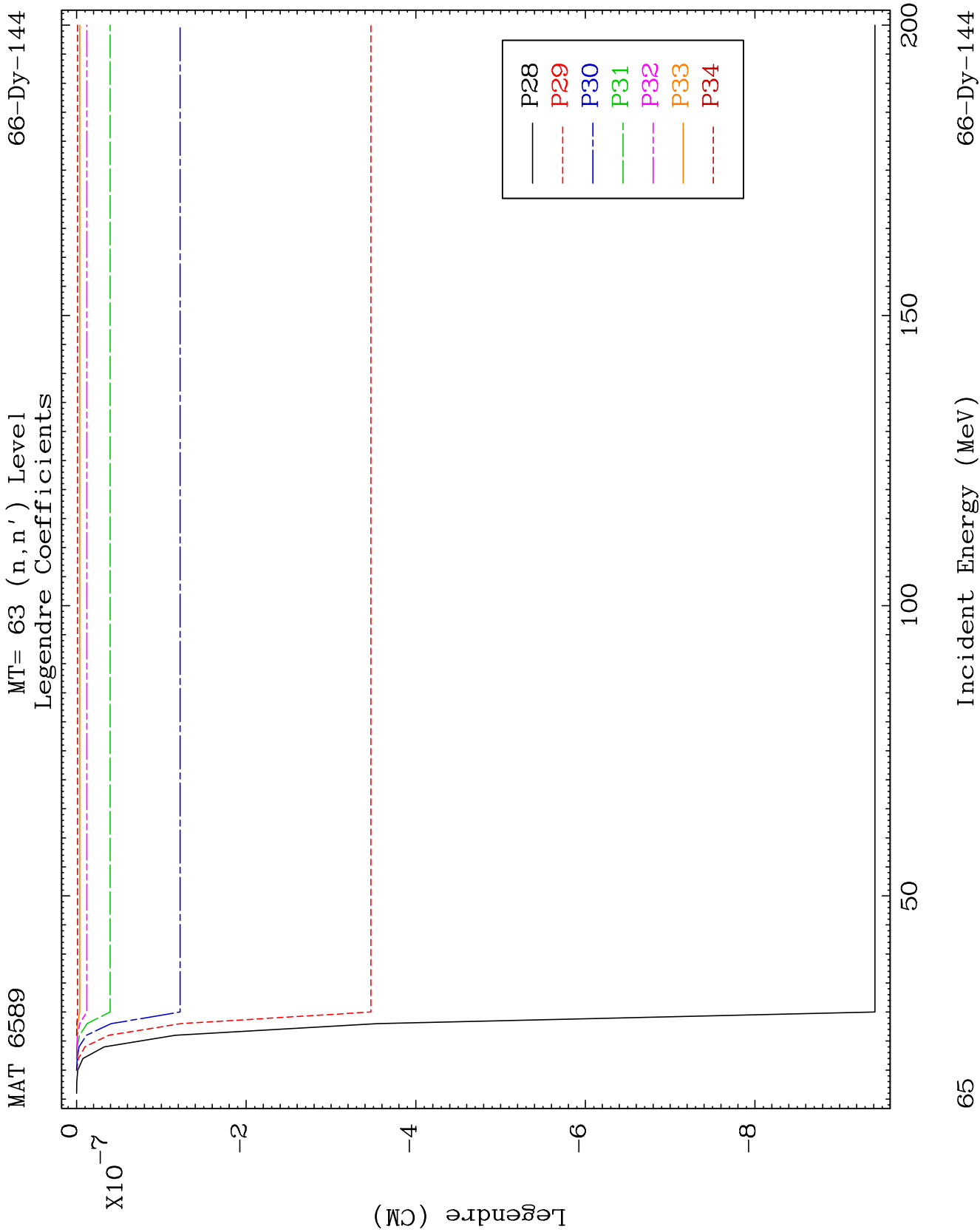
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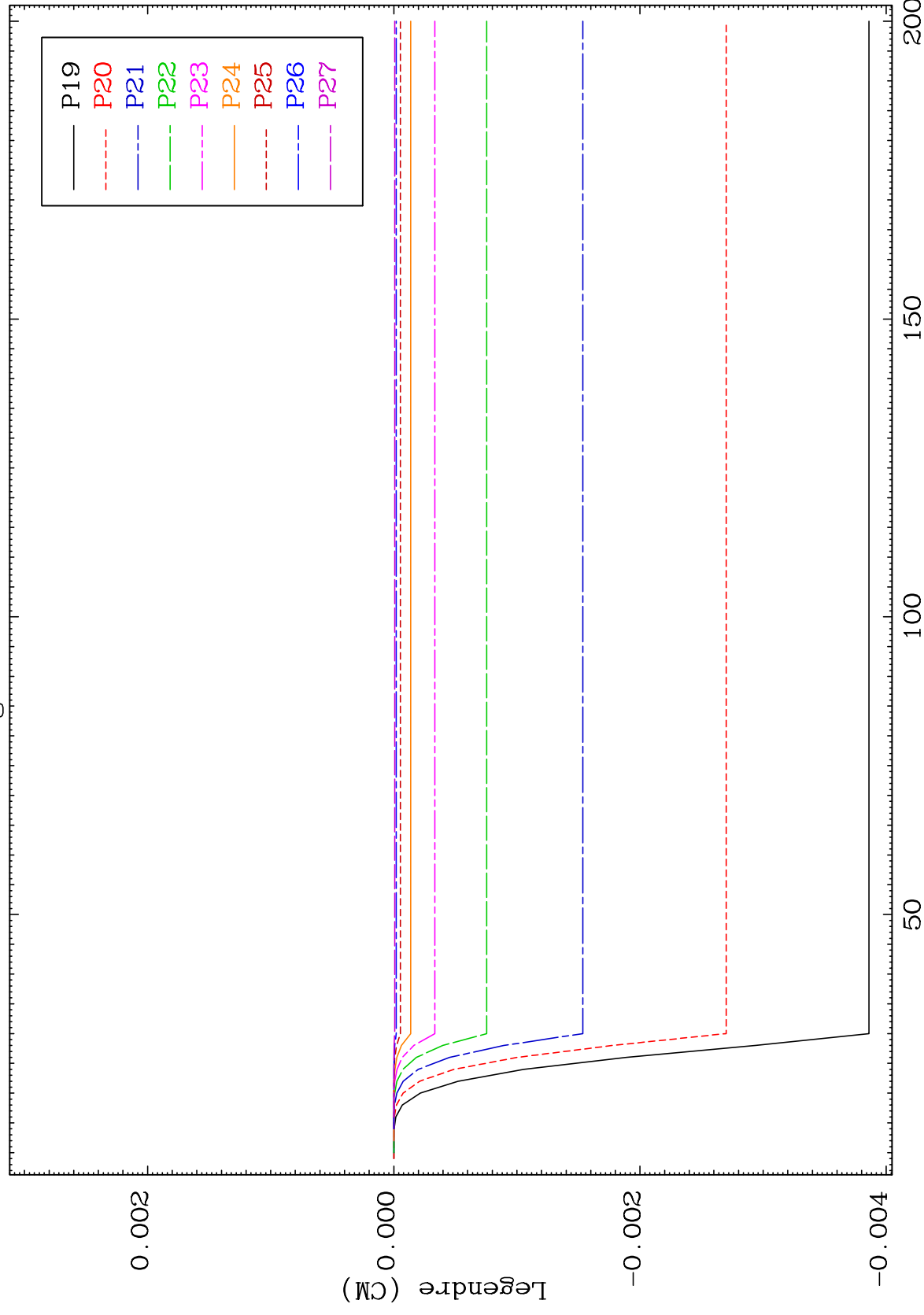




MAT 6589

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

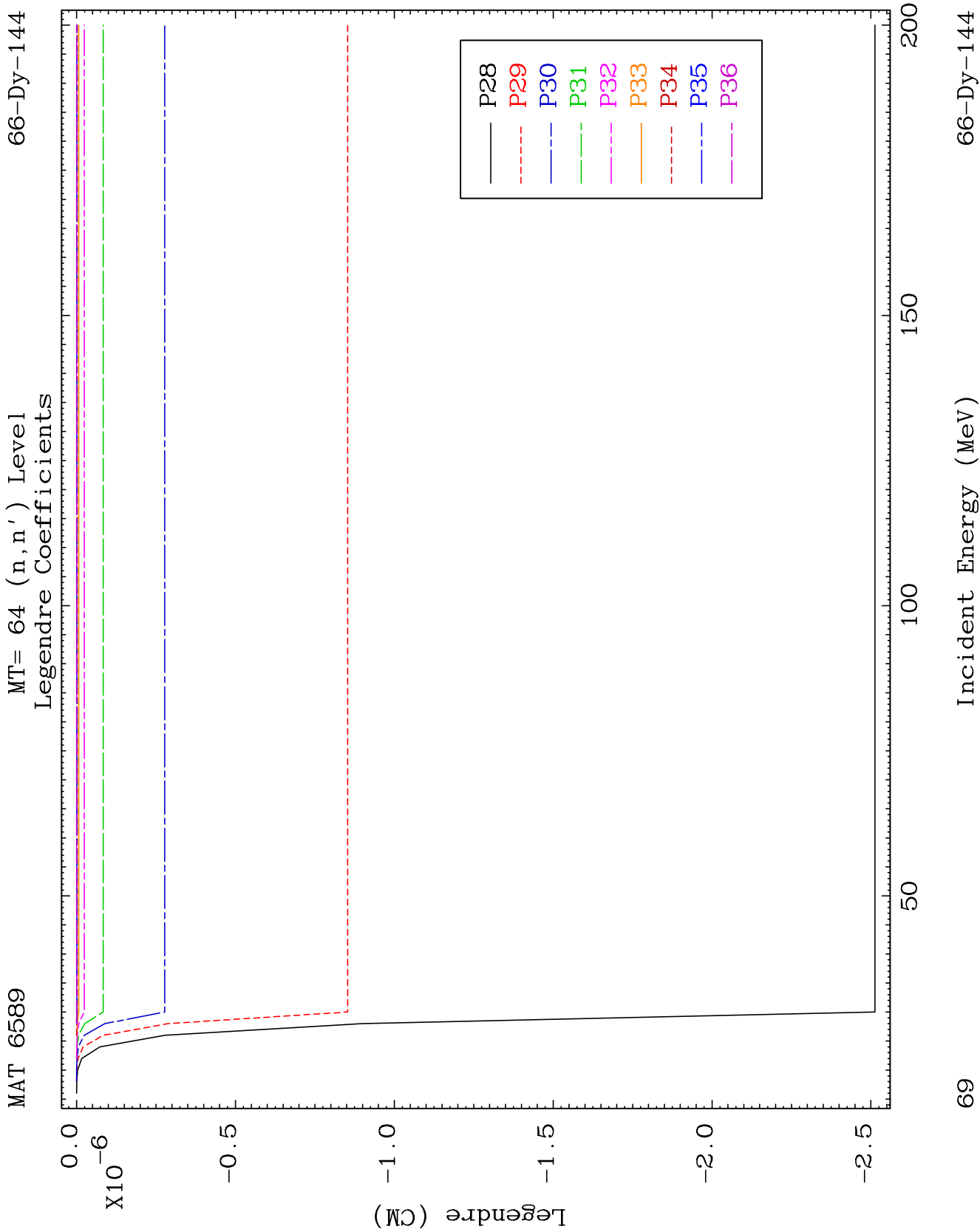
66-Dy-144



86

Incident Energy (MeV)

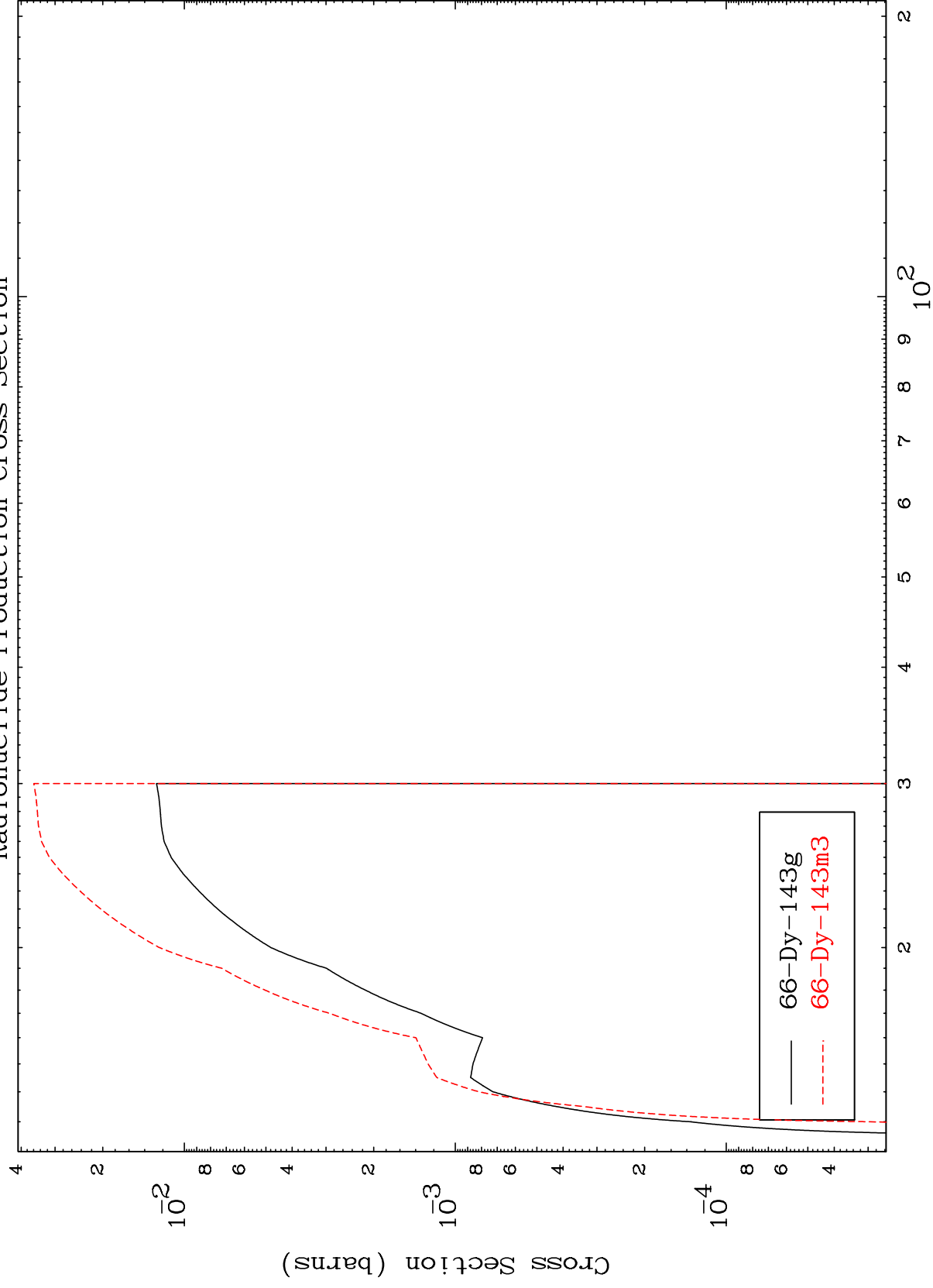
66-Dy-144



MAT 6589

66-Dy-144

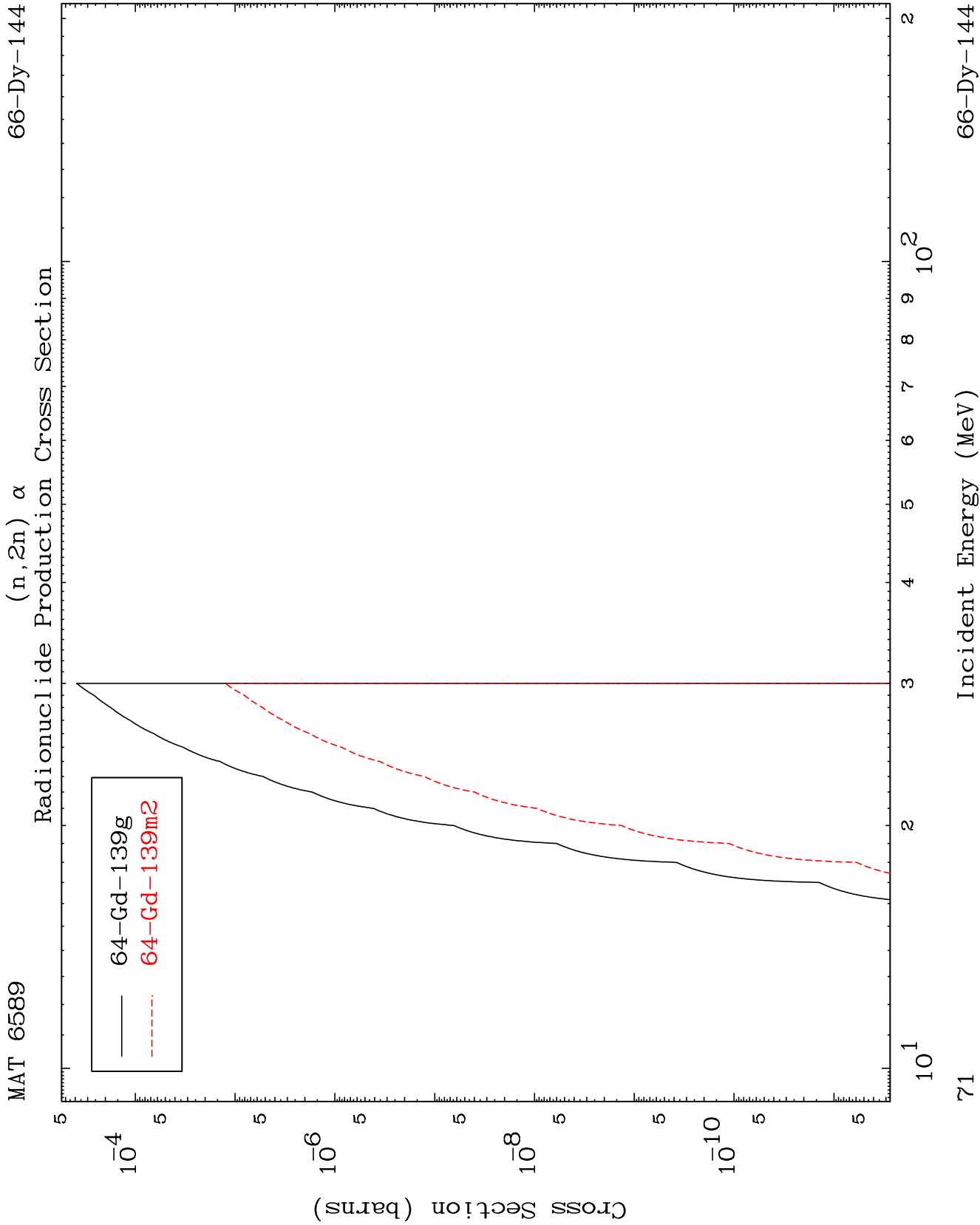
(n,2n)
Radionuclide Production Cross Section

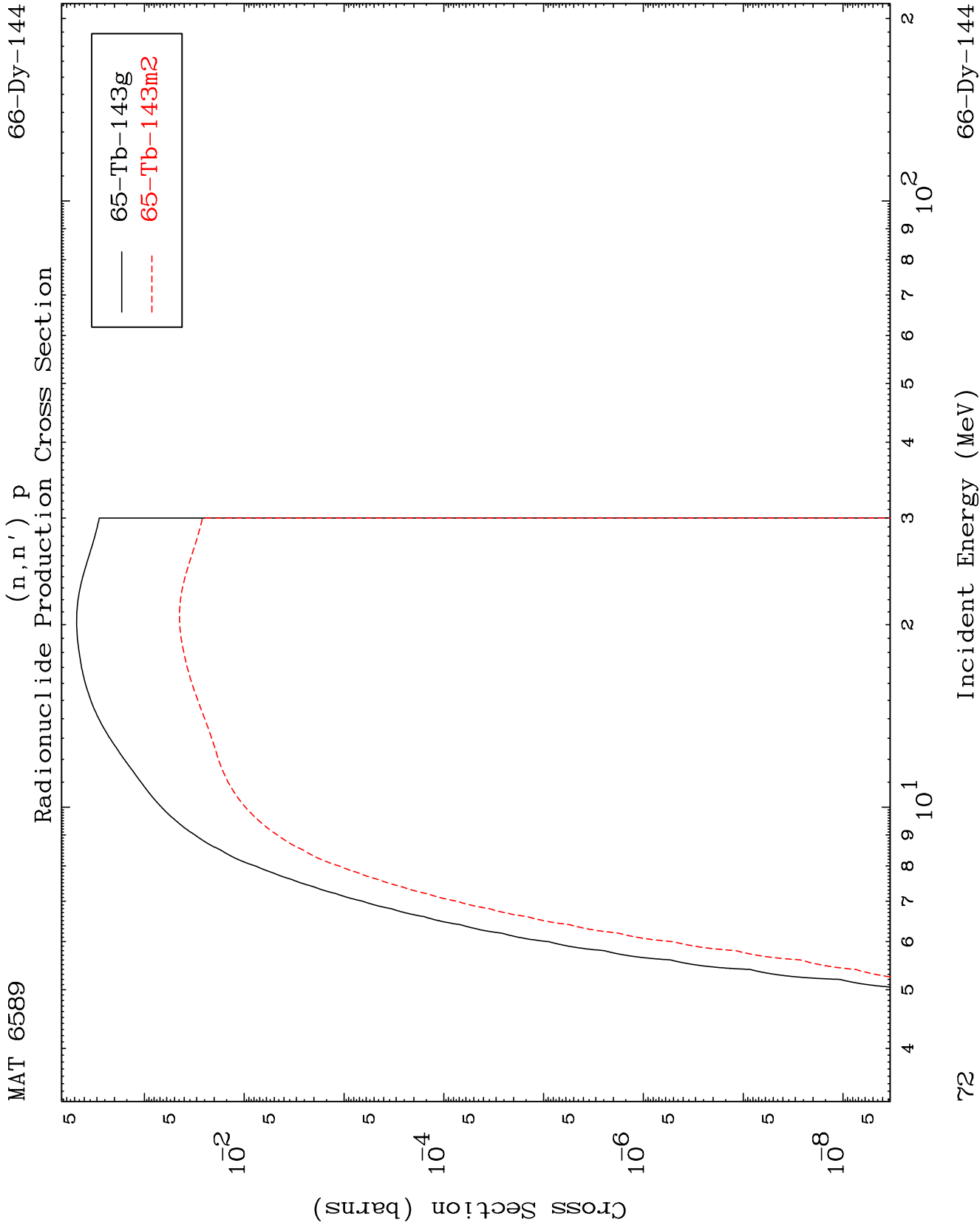


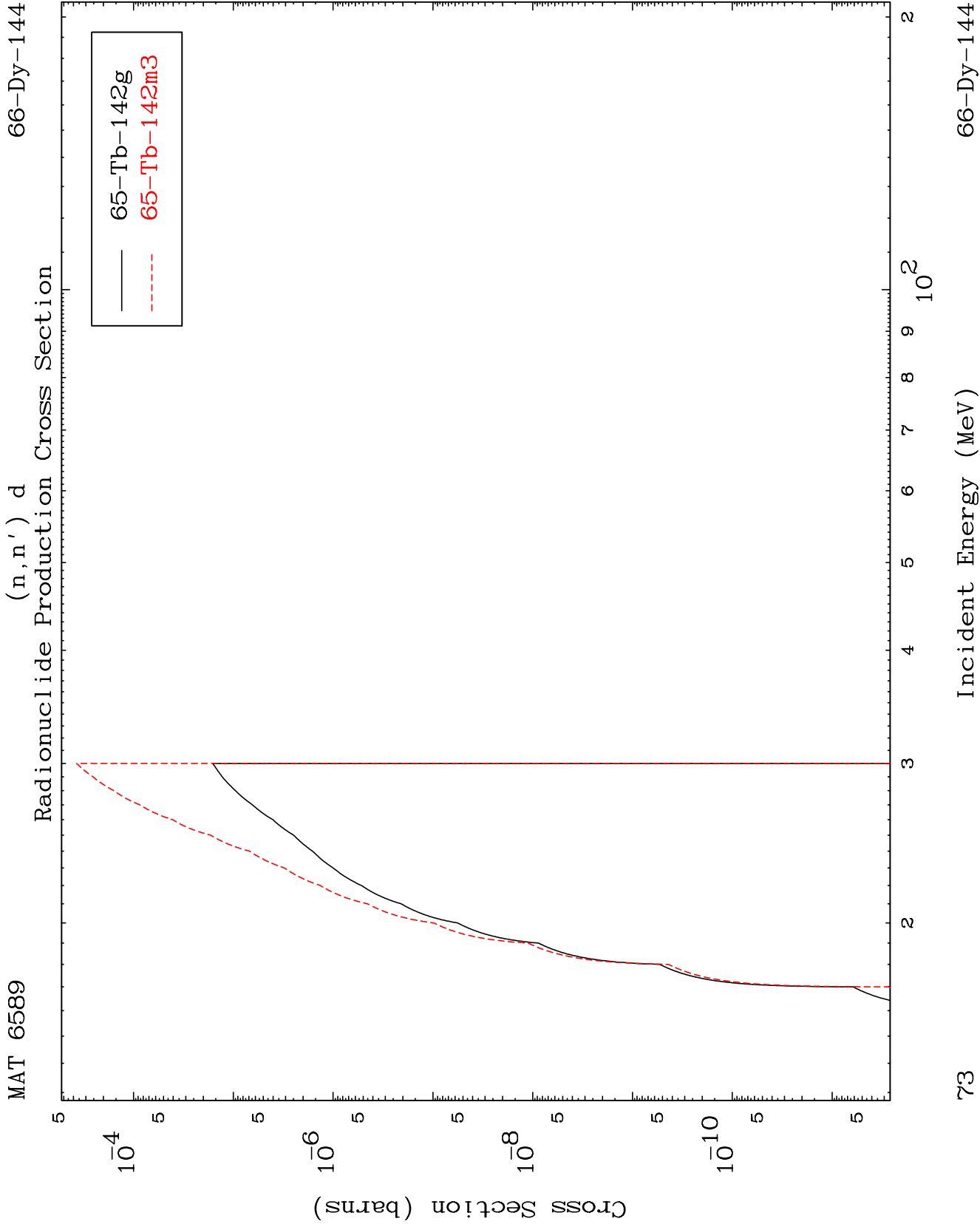
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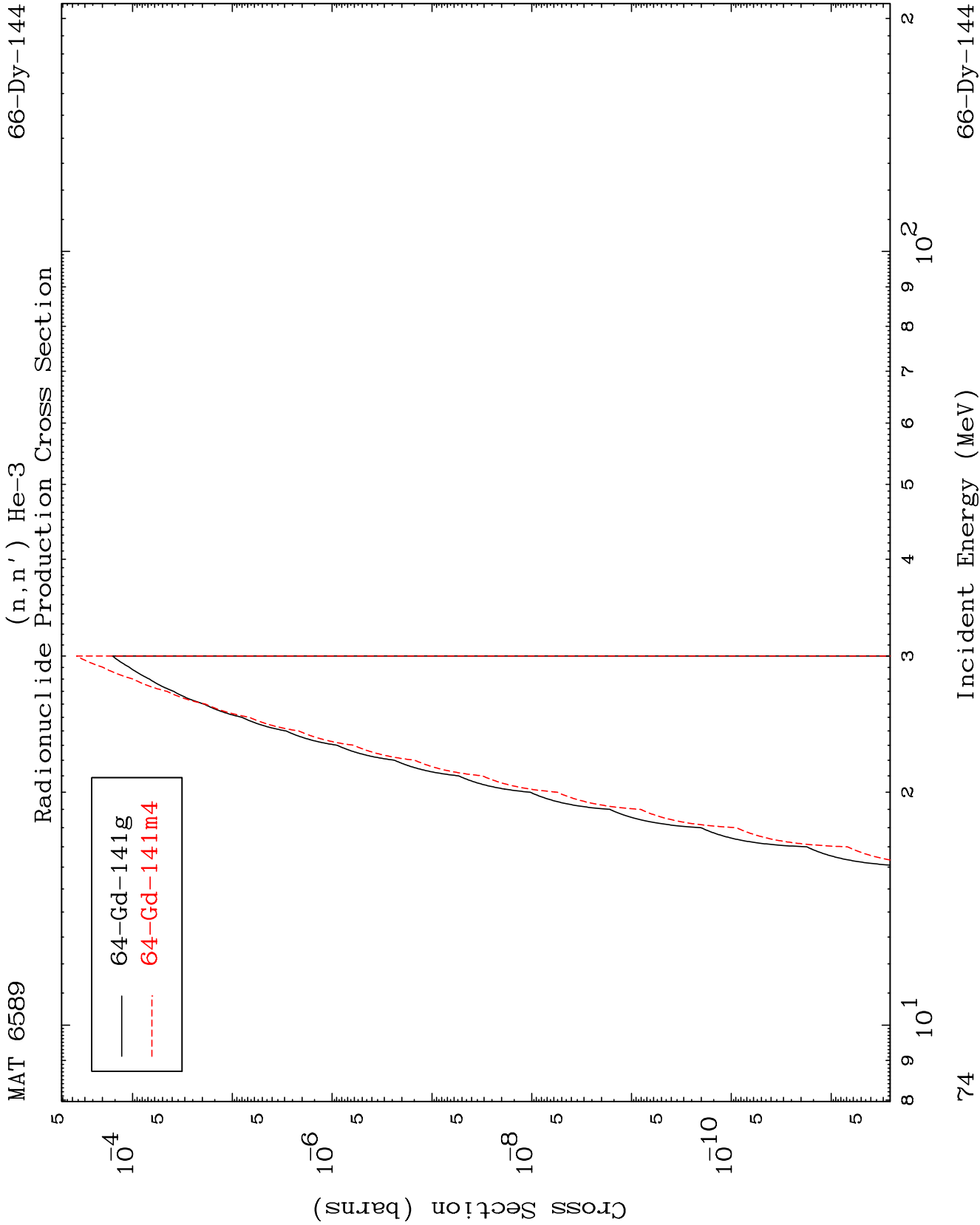
Incident Energy (MeV)

66-Dy-144





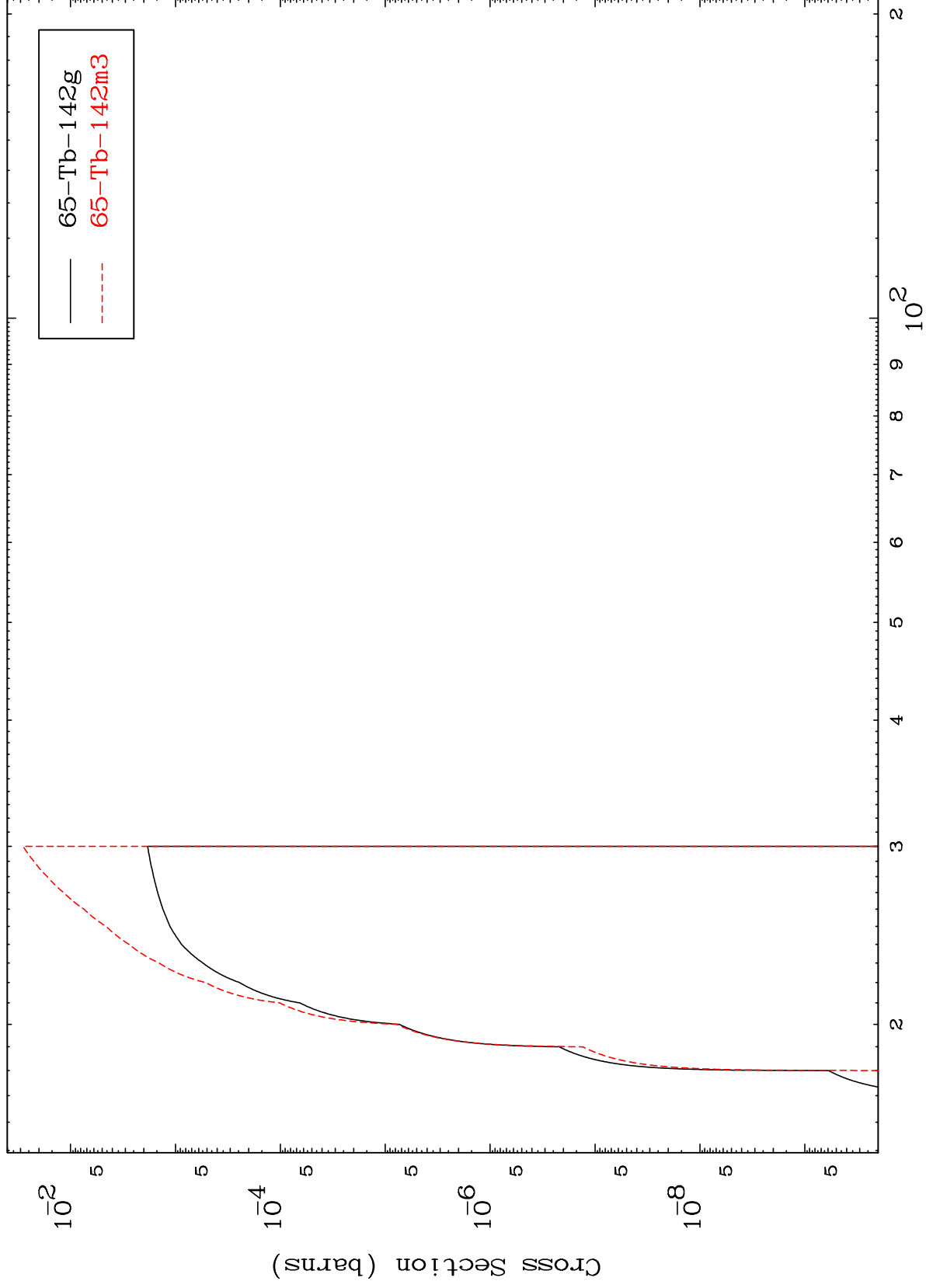




MAT 6589

66-Dy-144

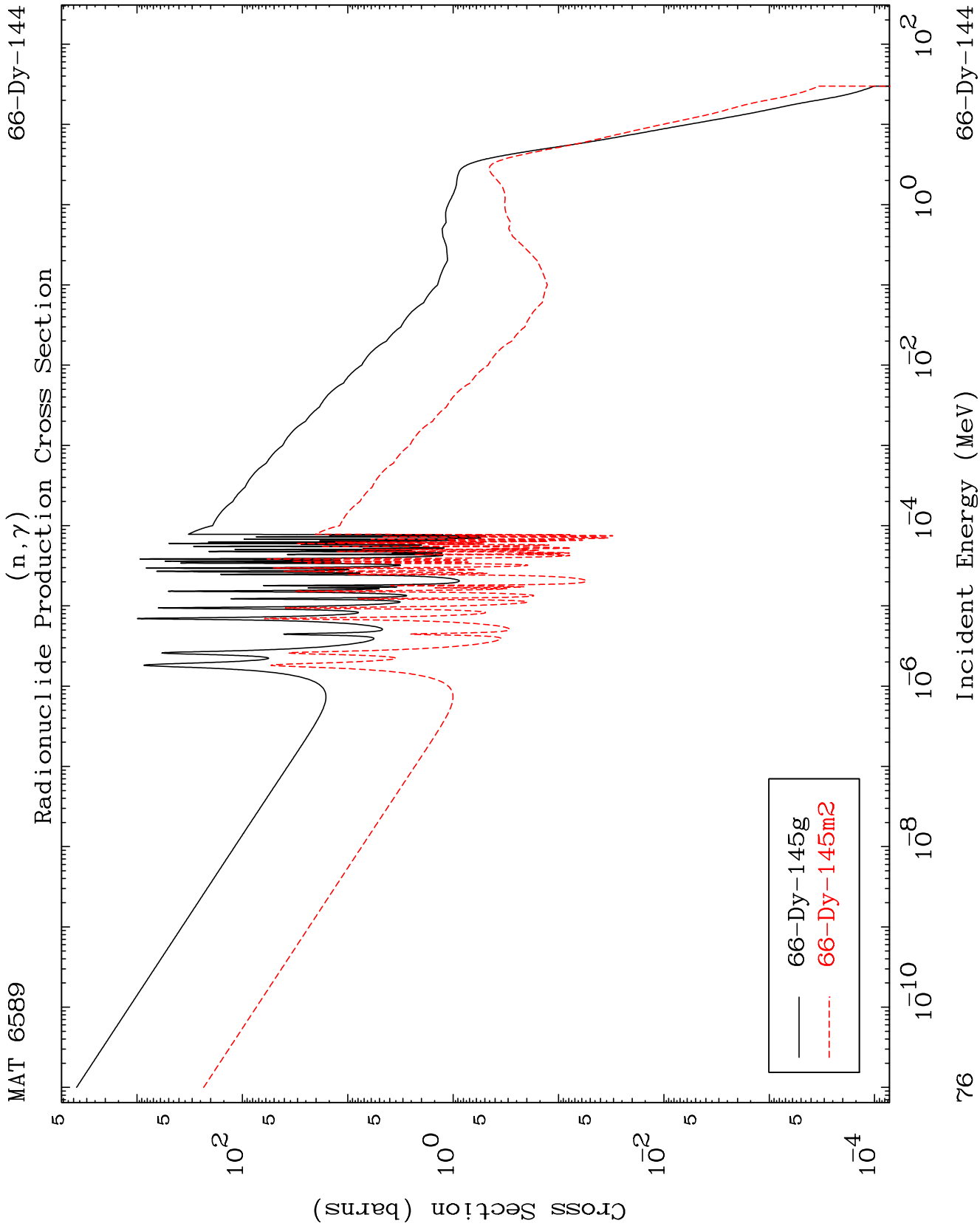
(n,2n) p
Radionuclide Production Cross Section

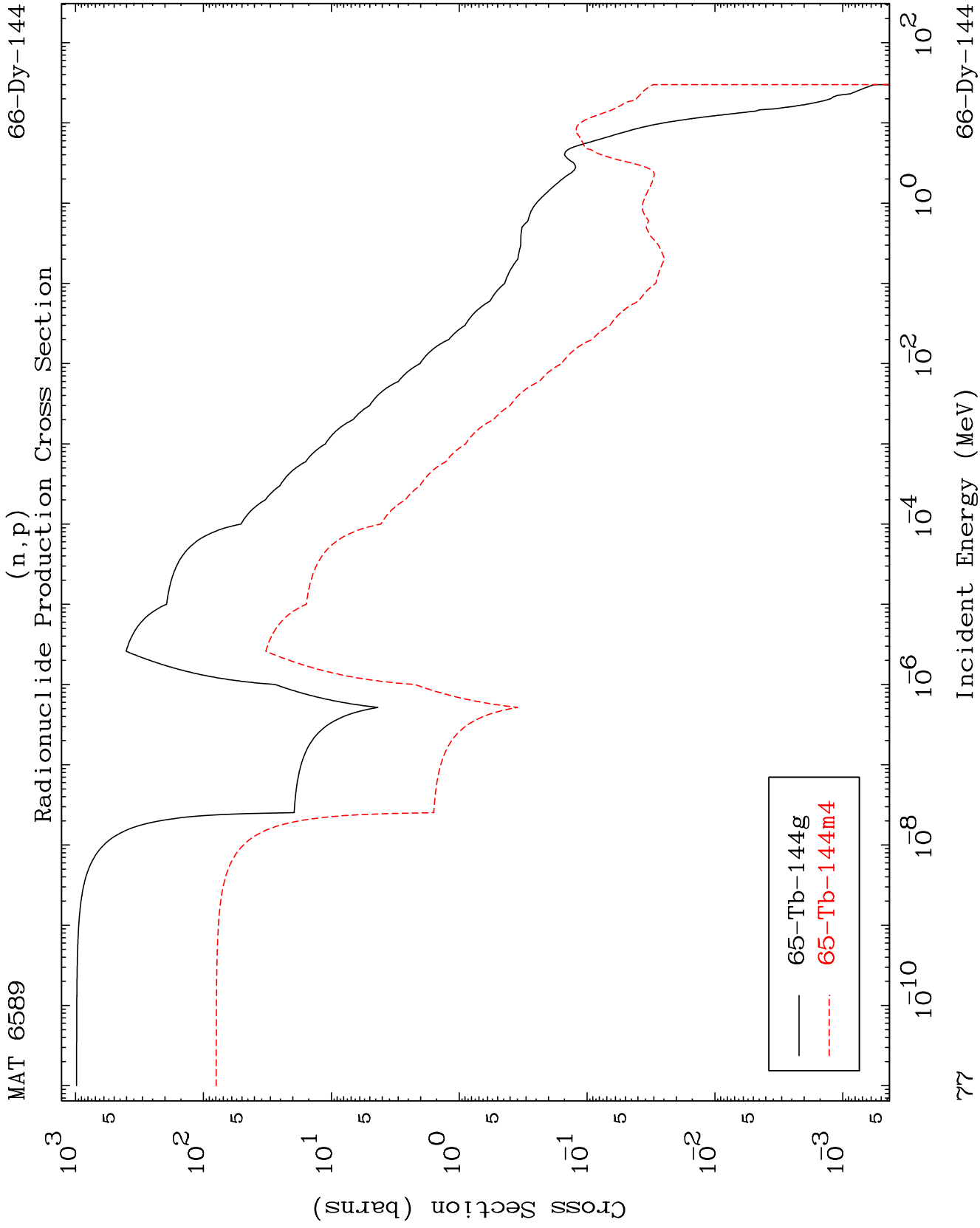


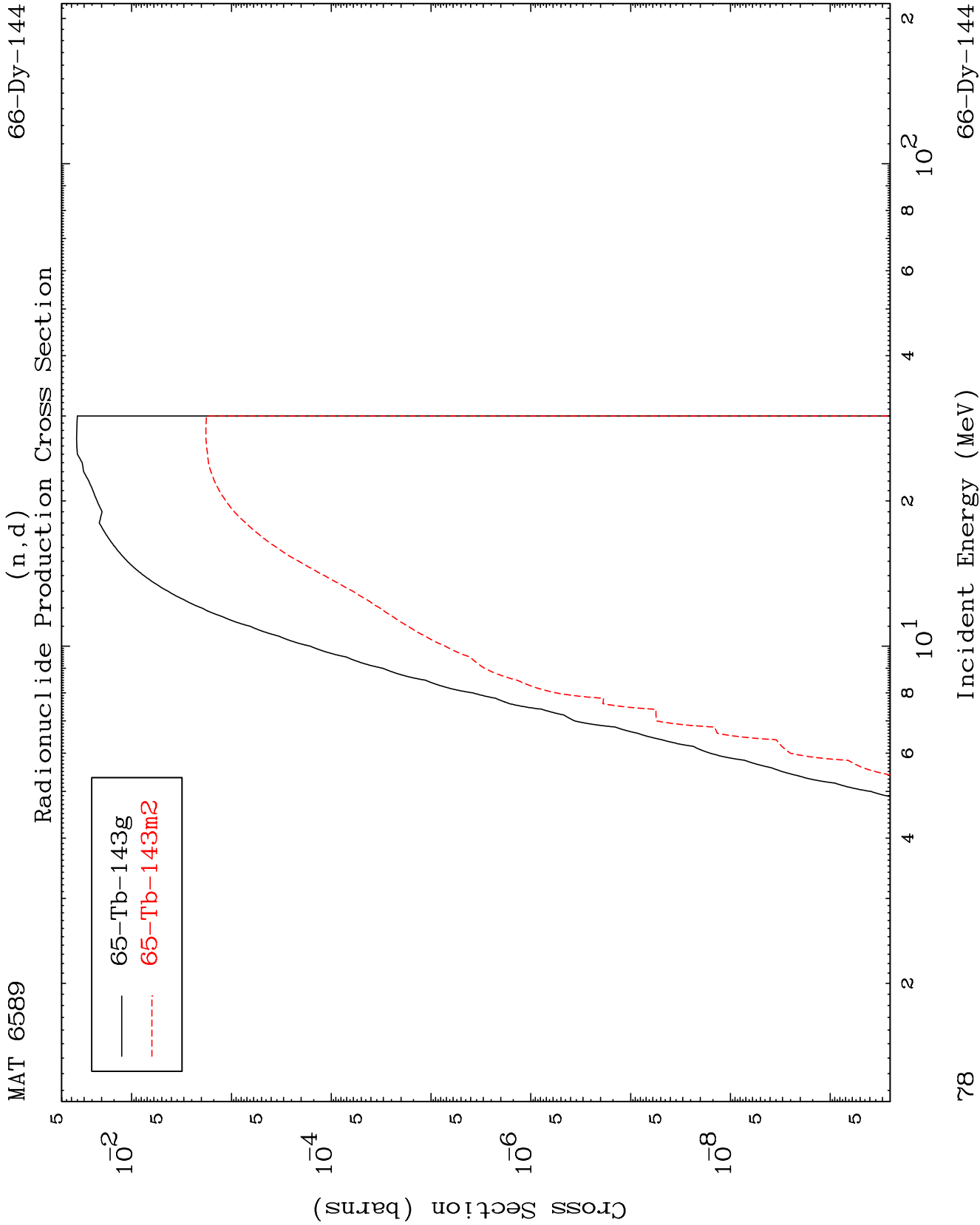
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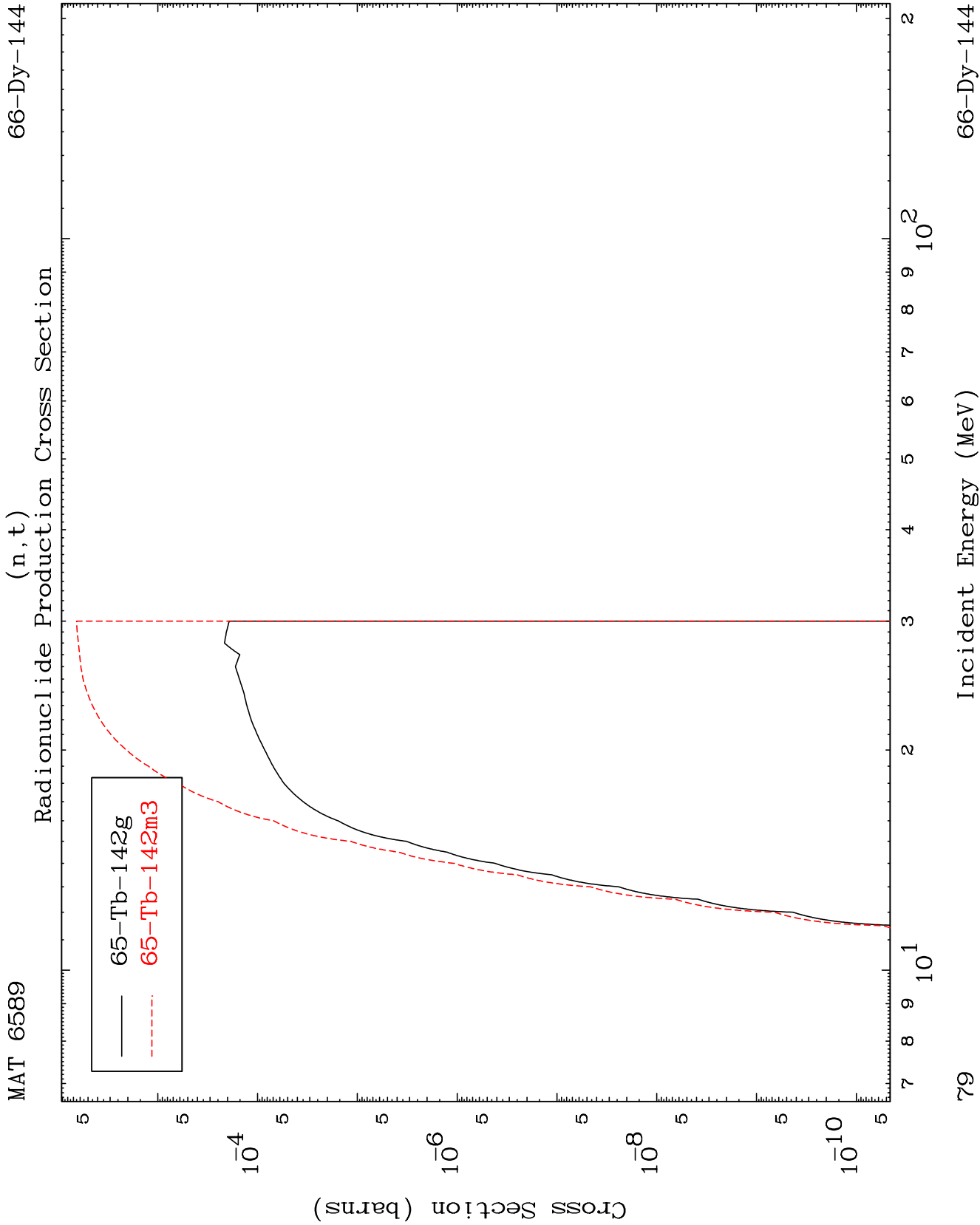
Incident Energy (MeV)

66-Dy-144





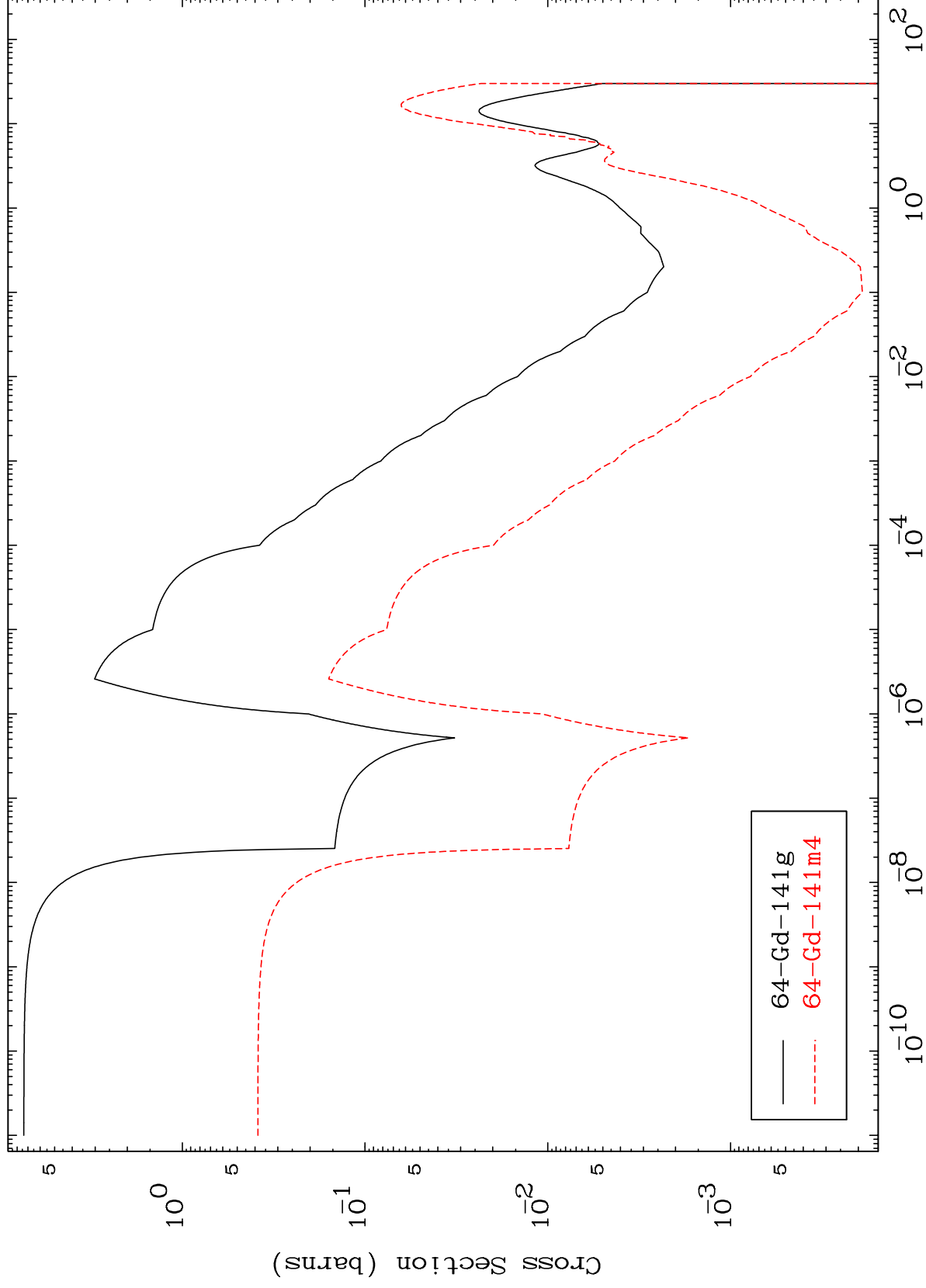




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66-Dy-144

Radionuclide Production Cross Section
(n, α)



80

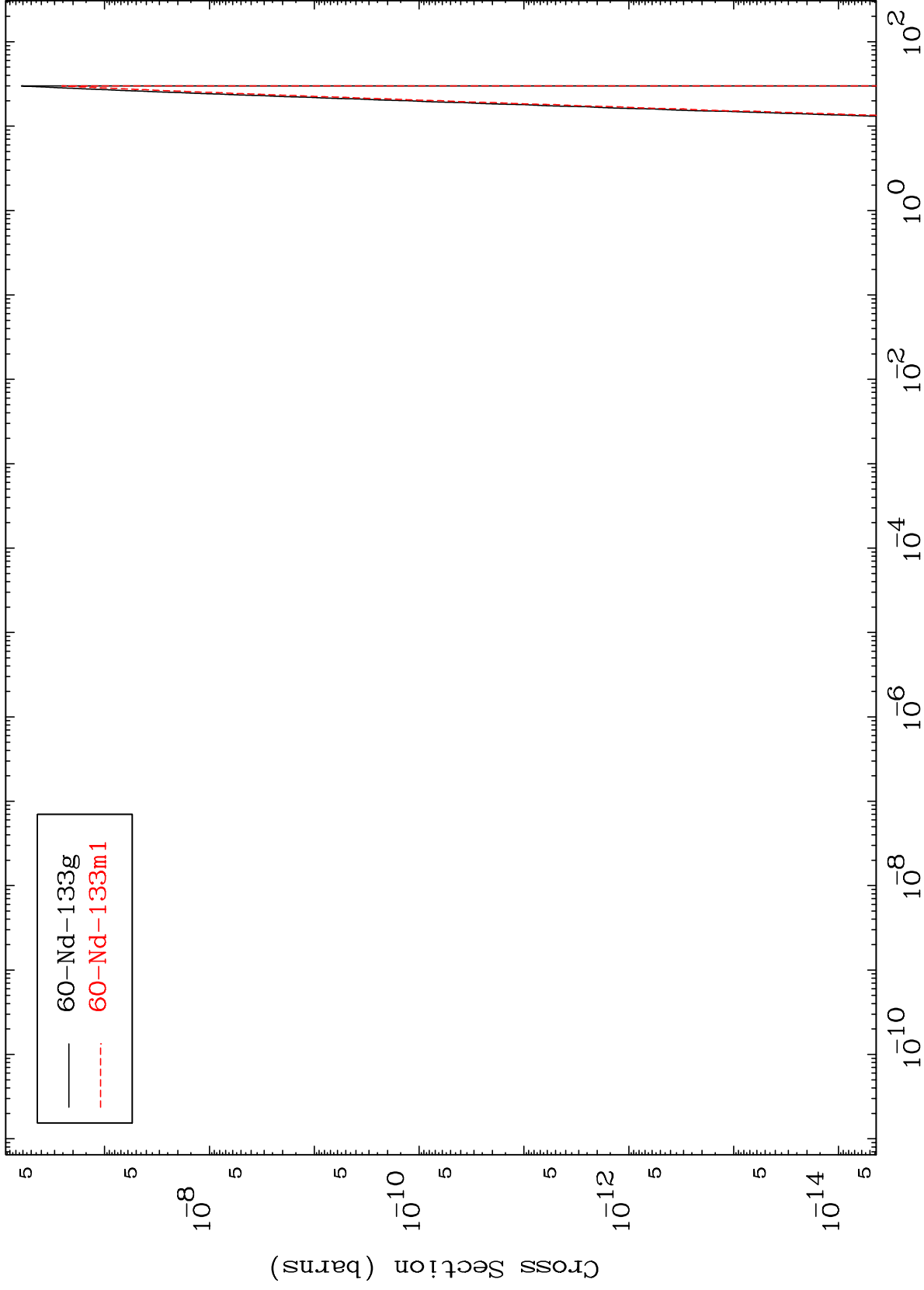
66-Dy-144

MAT 6589

(n,3α)

66-Dy-144

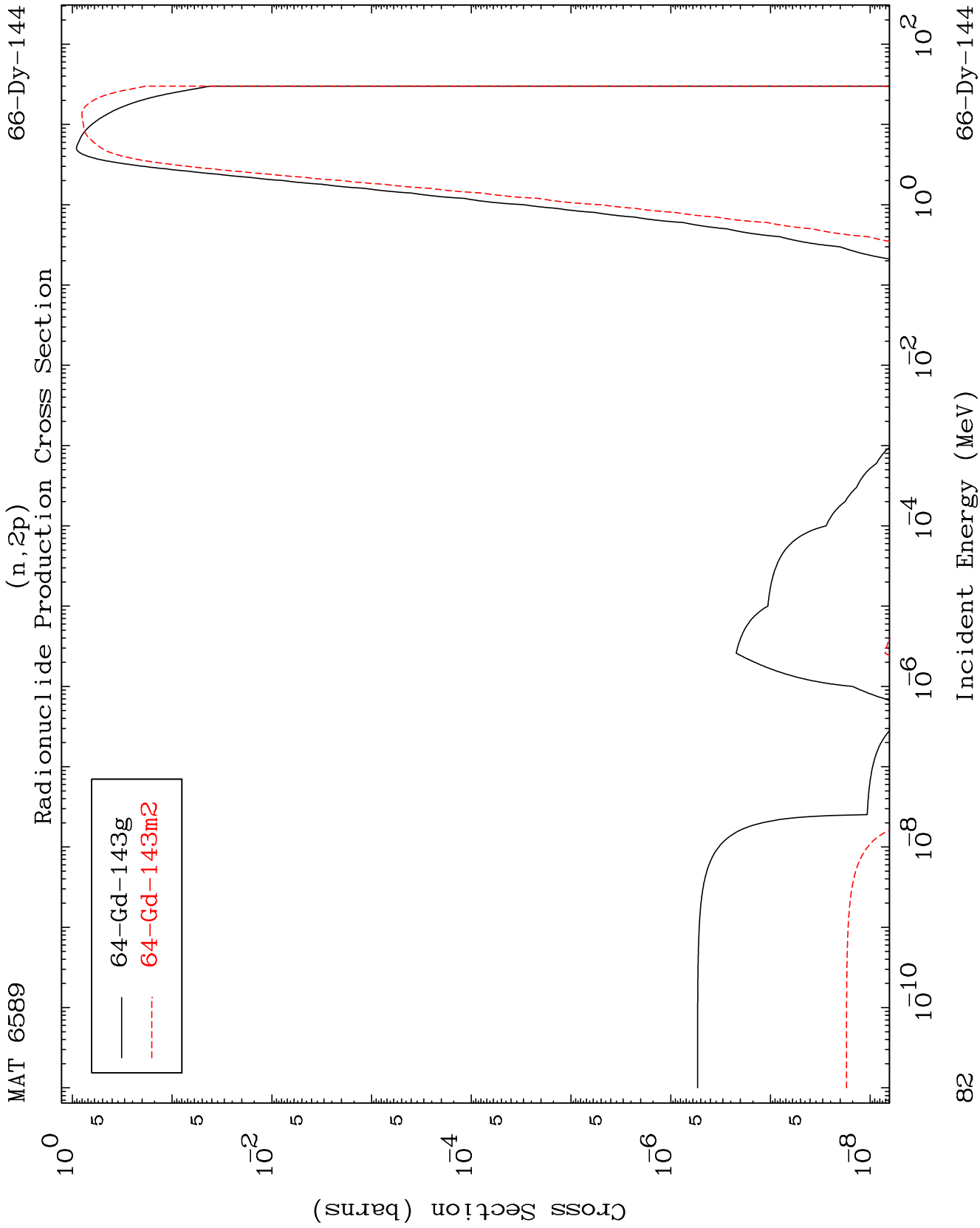
Radionuclide Production Cross Section



81

Incident Energy (MeV)

66-Dy-144

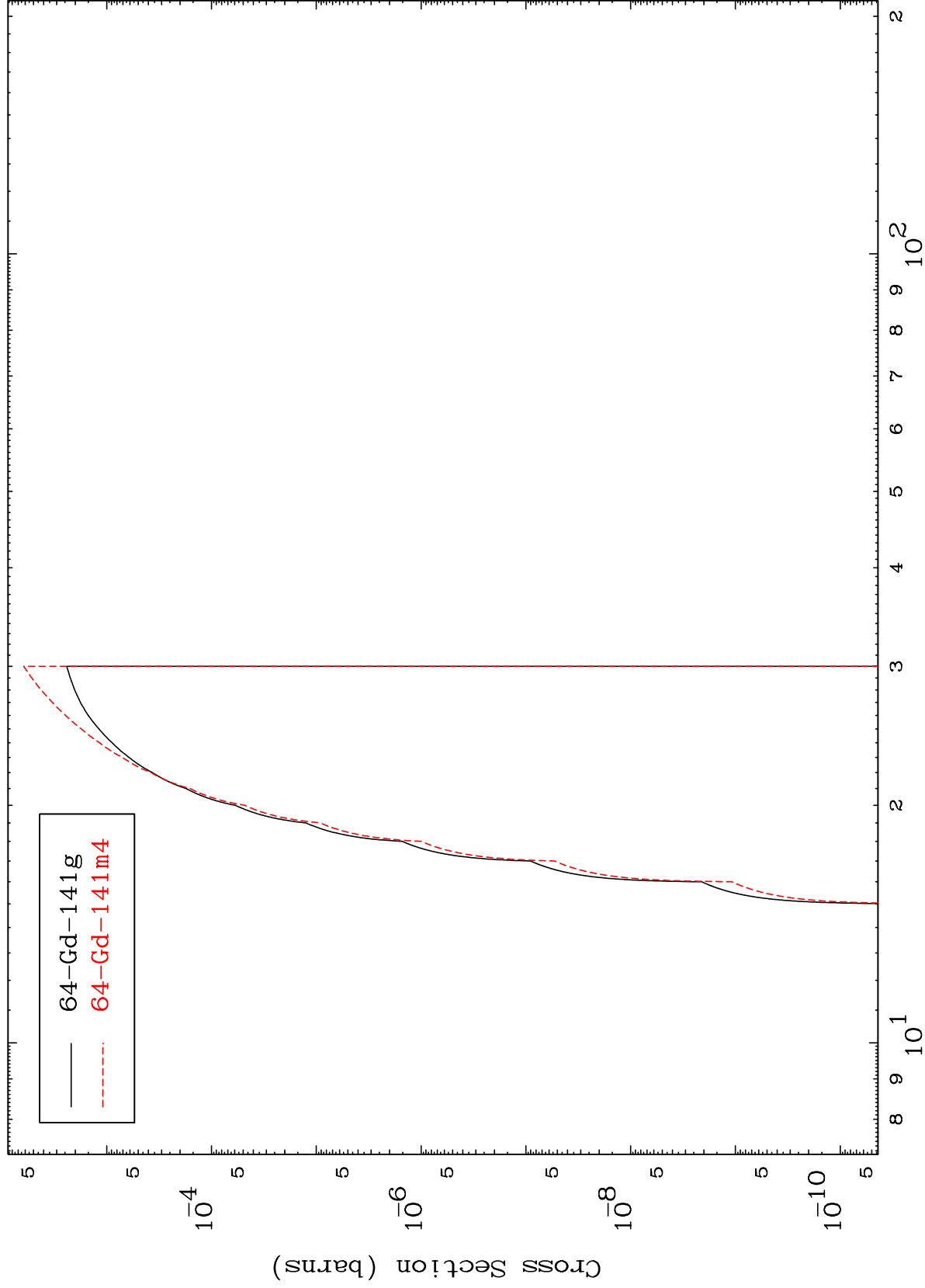


MAT 6589

(n,p) t

66-Dy-144

Radionuclide Production Cross Section



83

Incident Energy (MeV)

66-Dy-144