

Program EVALPLOT
(Version 2021-1)

by

Dermott E. Cullen
(Present Contact Information)

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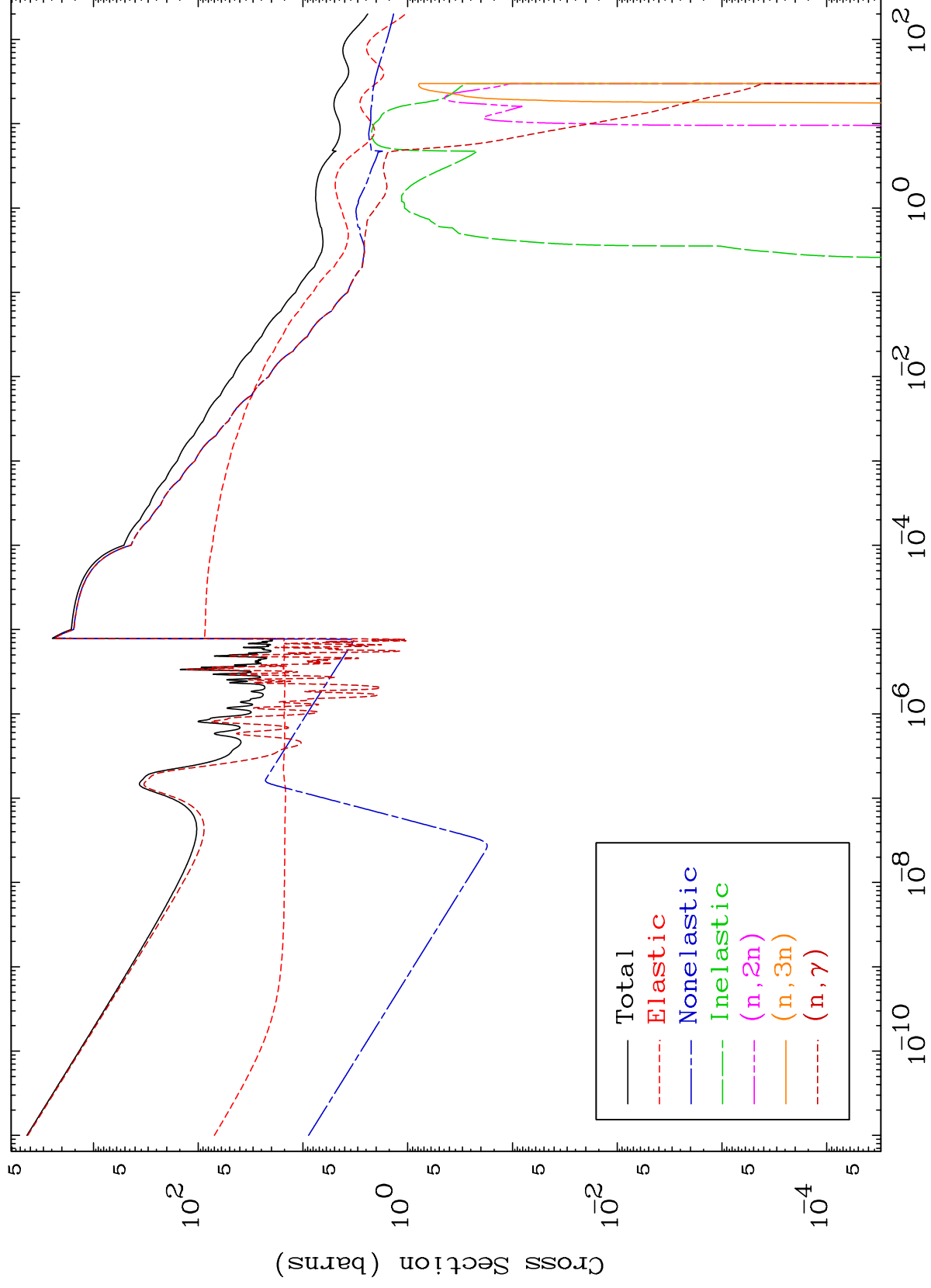
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6689

Neutron Major
293 Kelvin Cross Sections

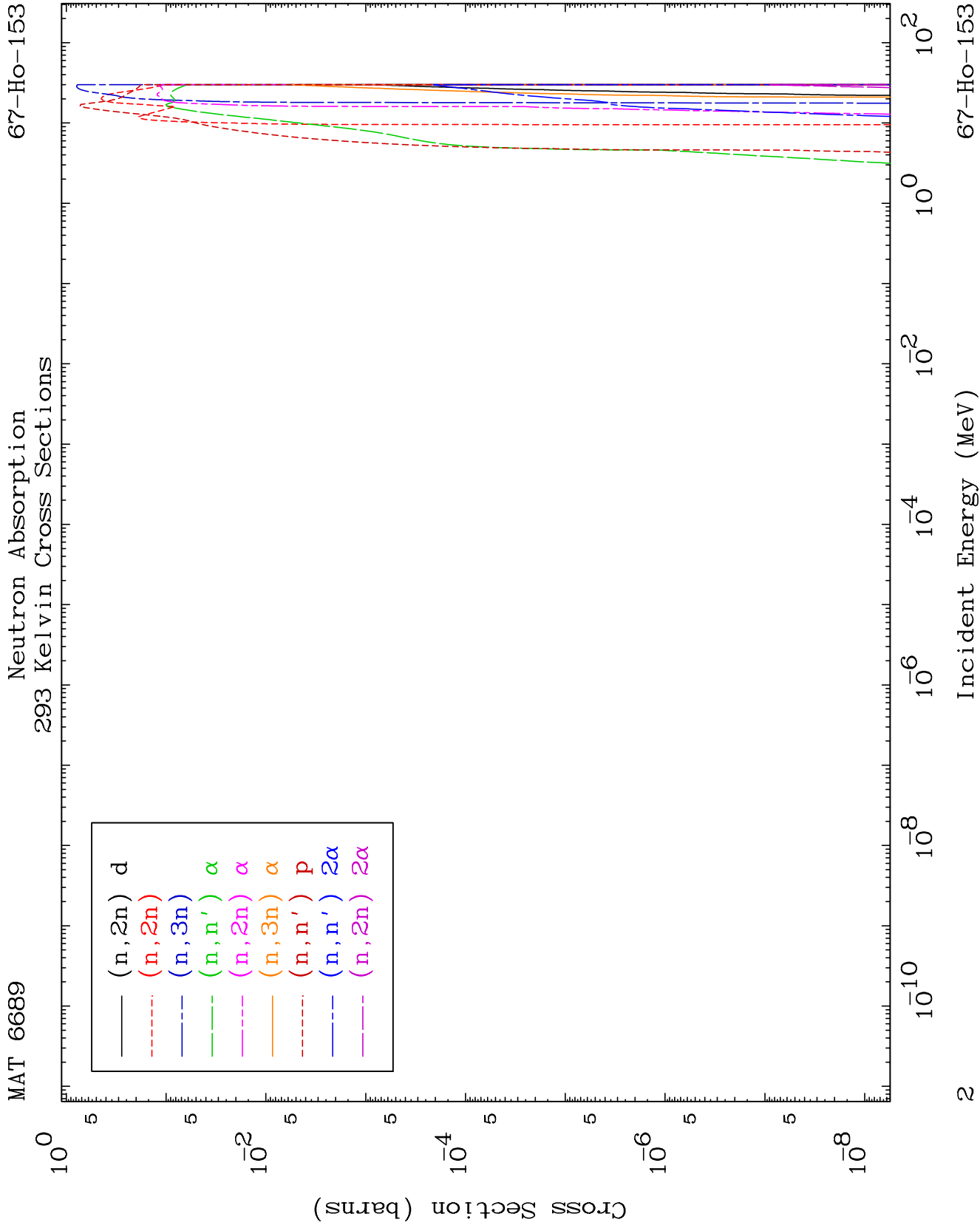
67-Ho-153

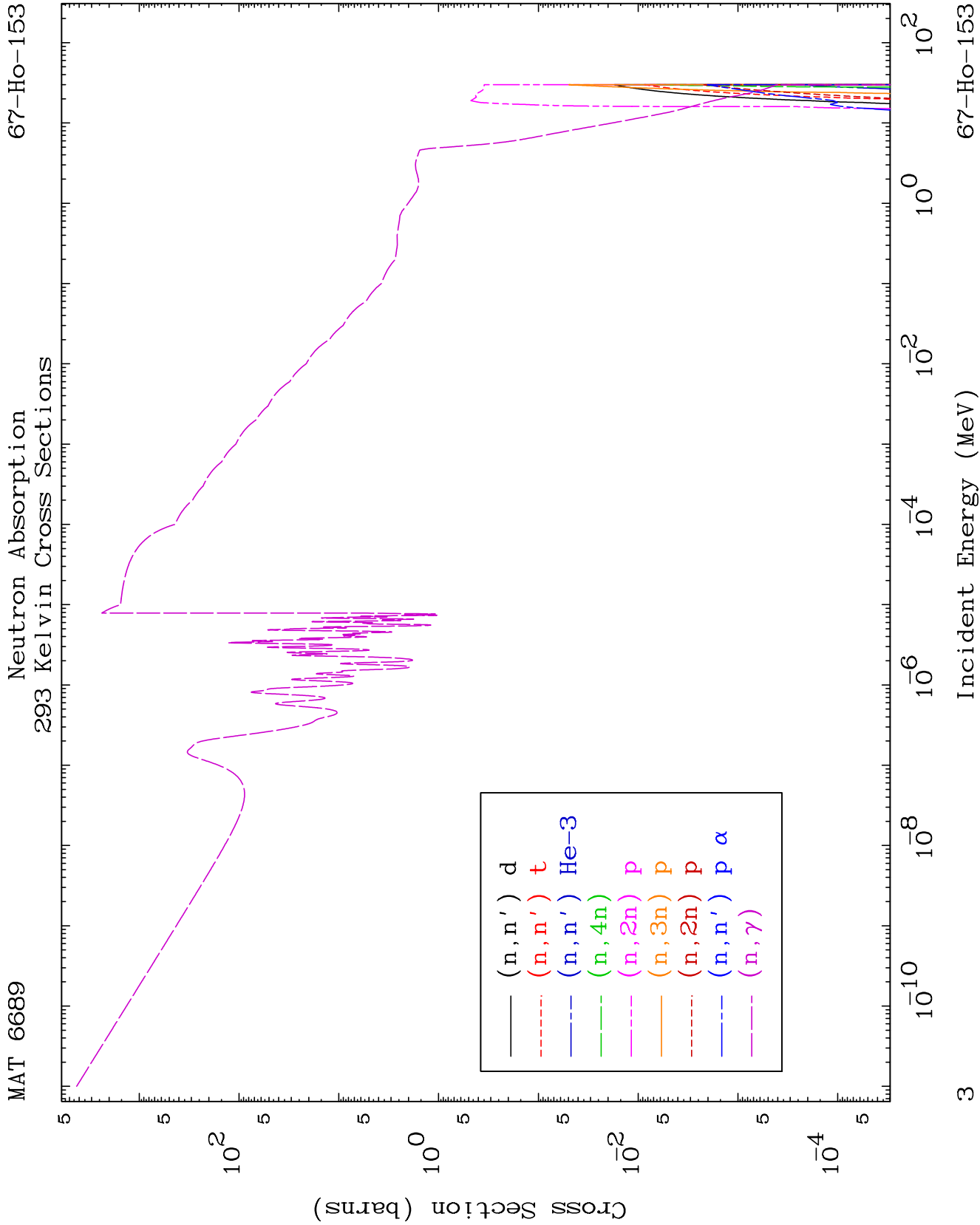


1

Incident Energy (MeV)

67-Ho-153

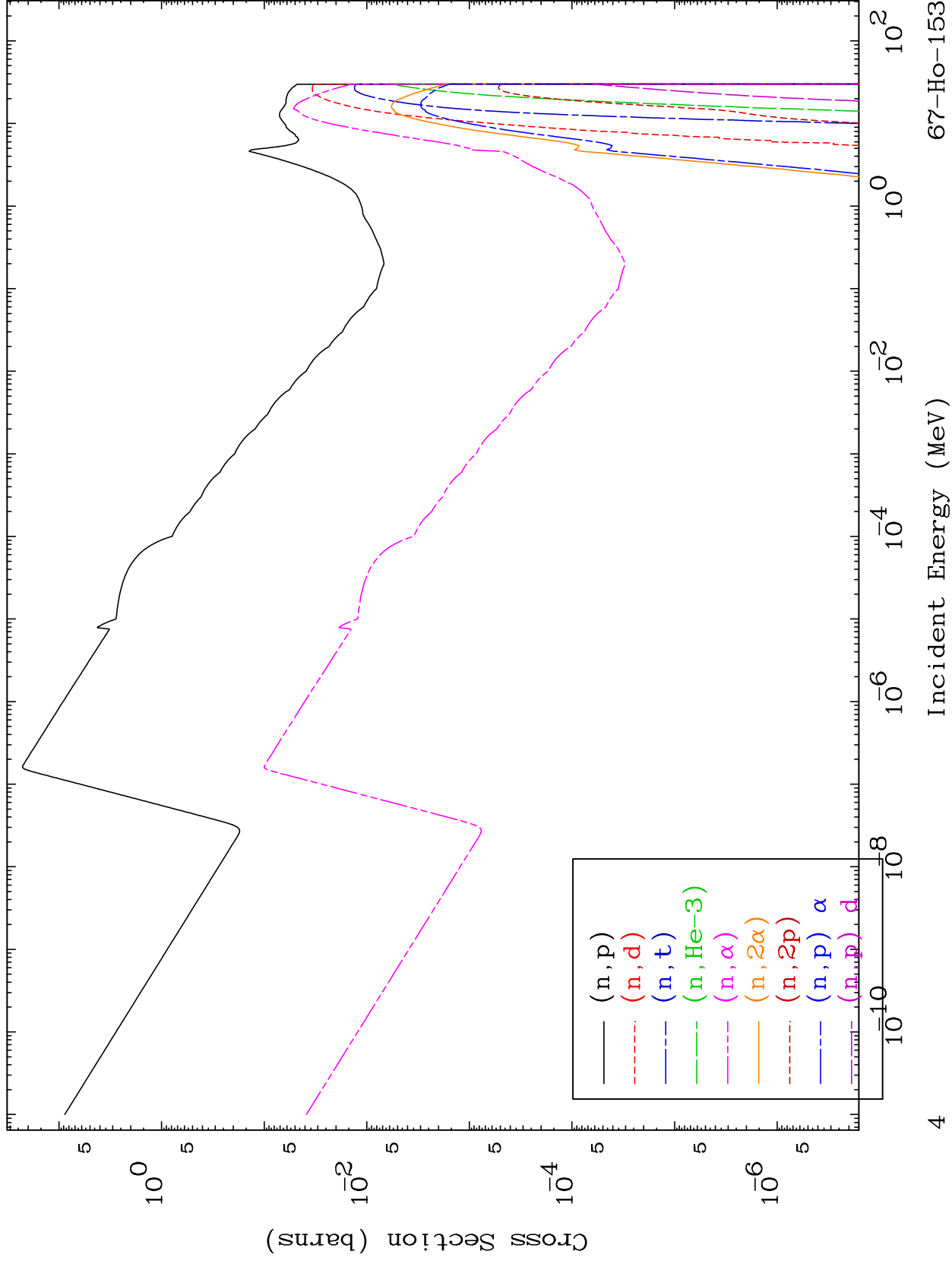


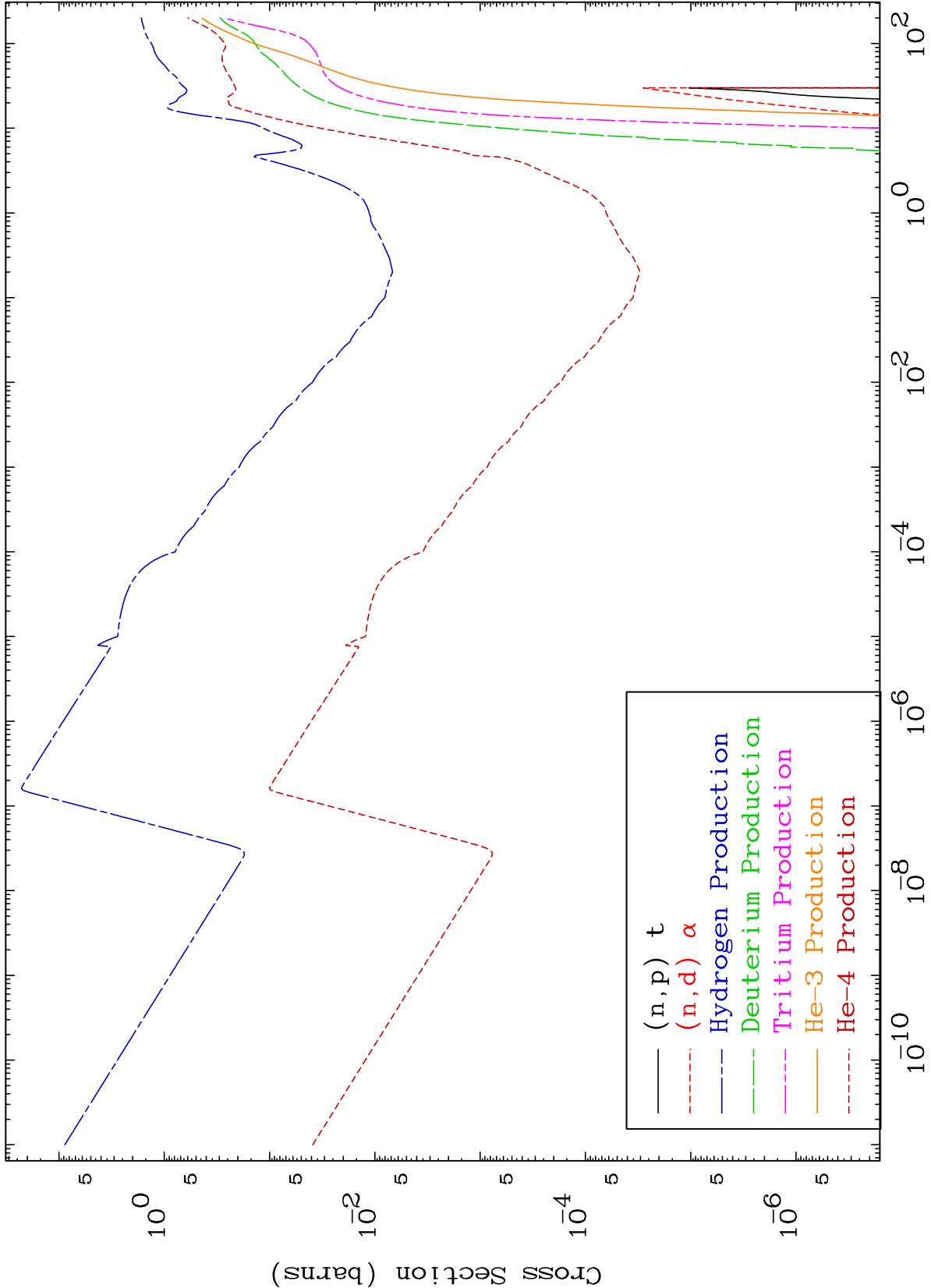


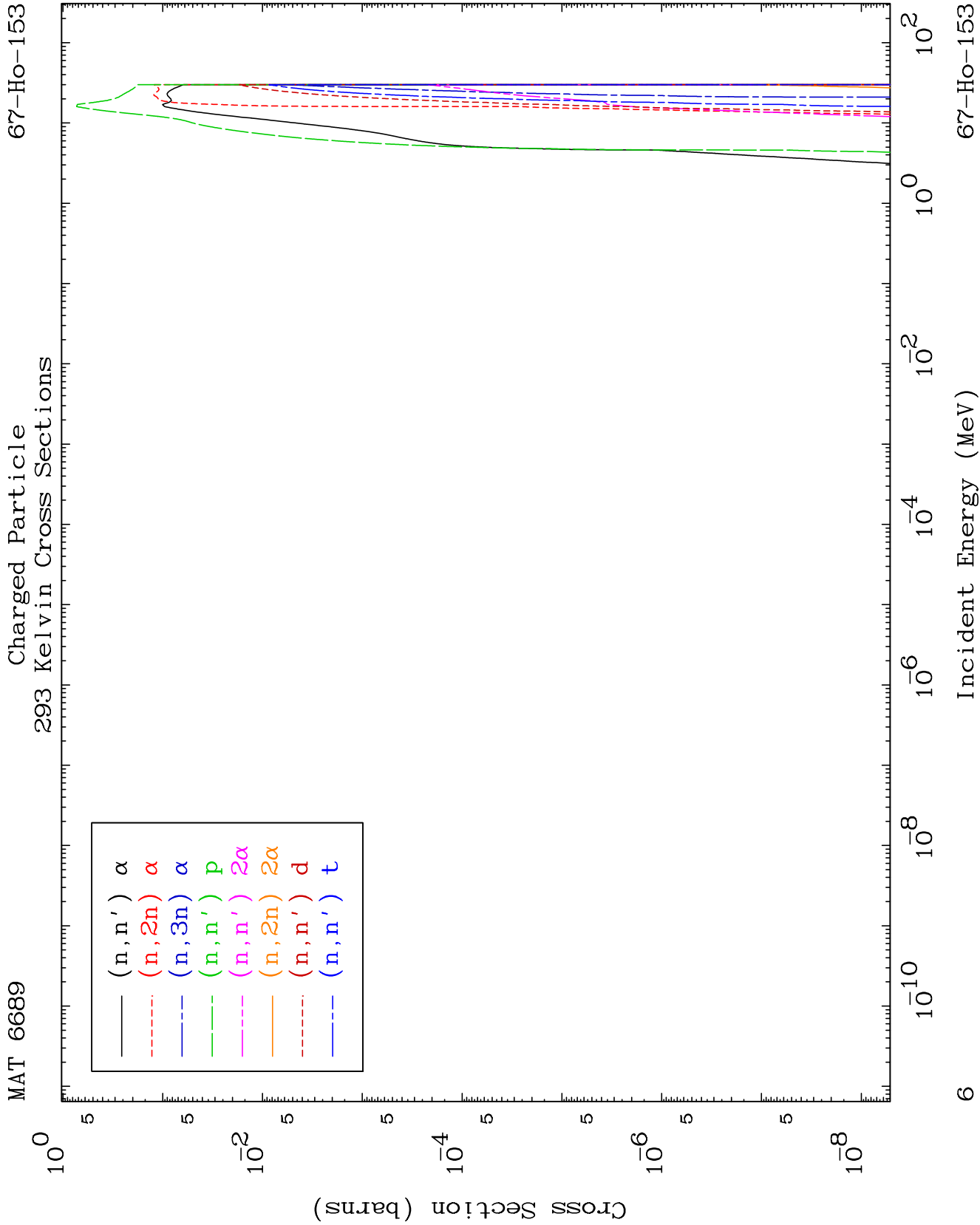
MAT 6689

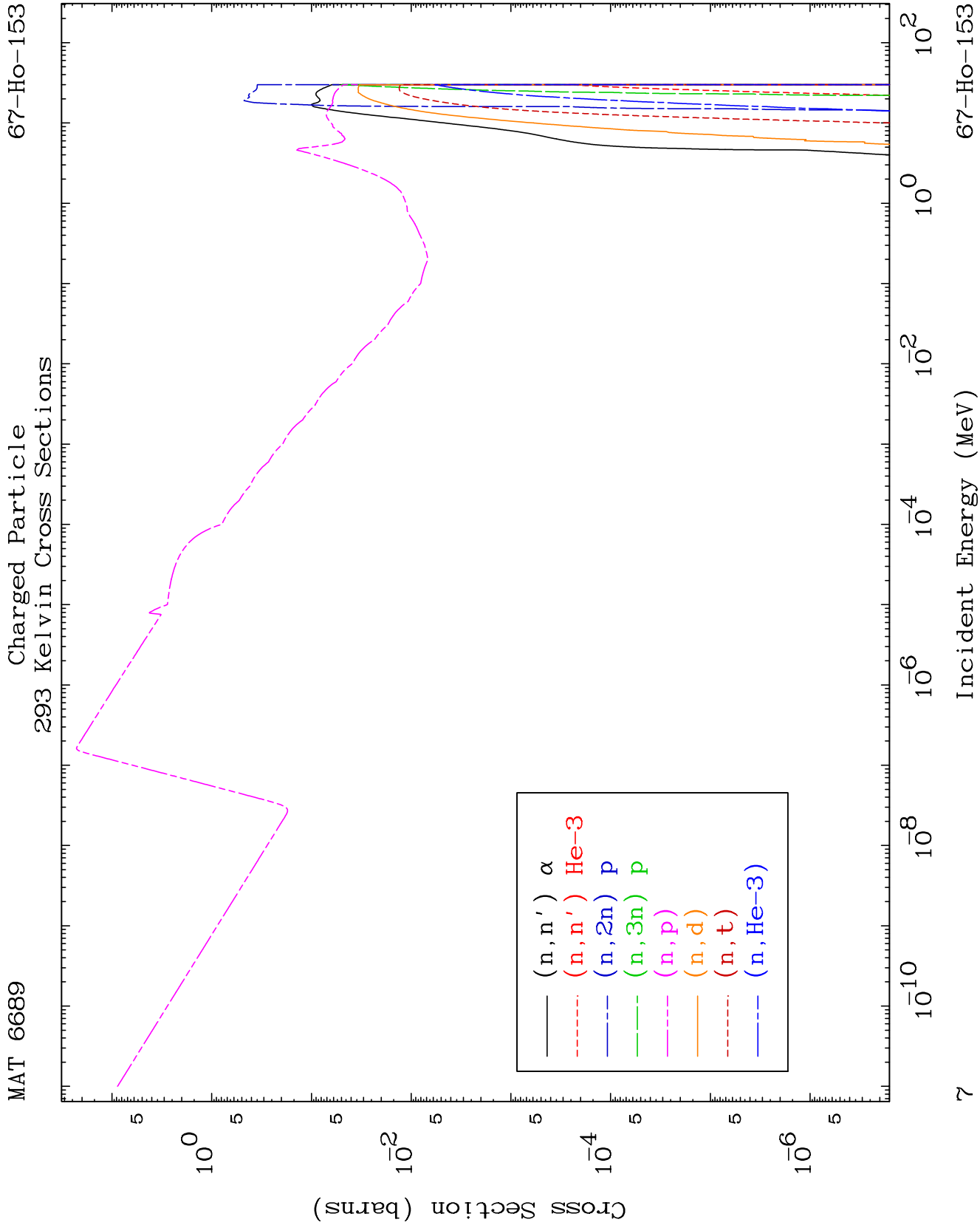
Neutron Absorption
293 Kelvin Cross Sections

67-Ho-153





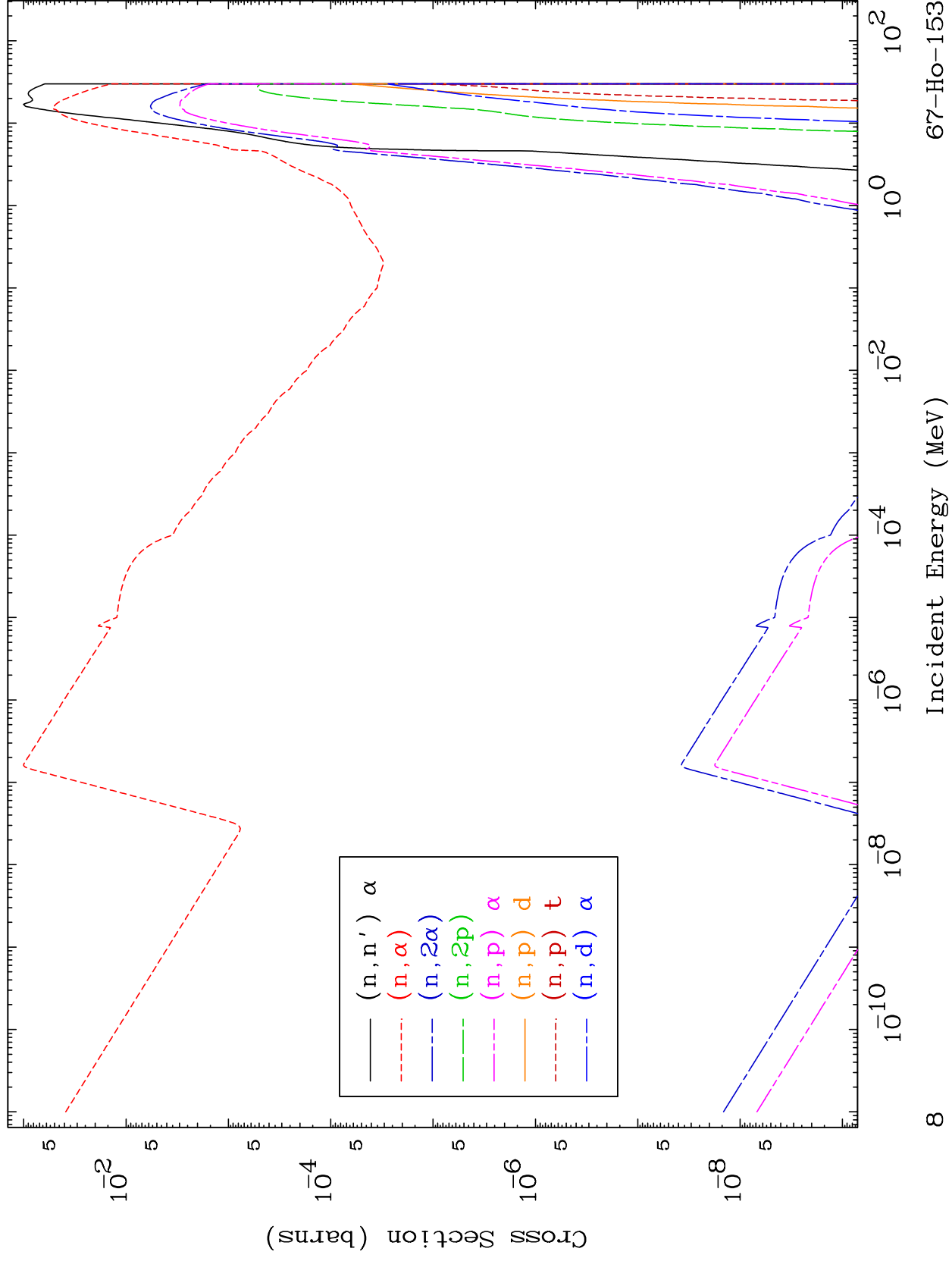


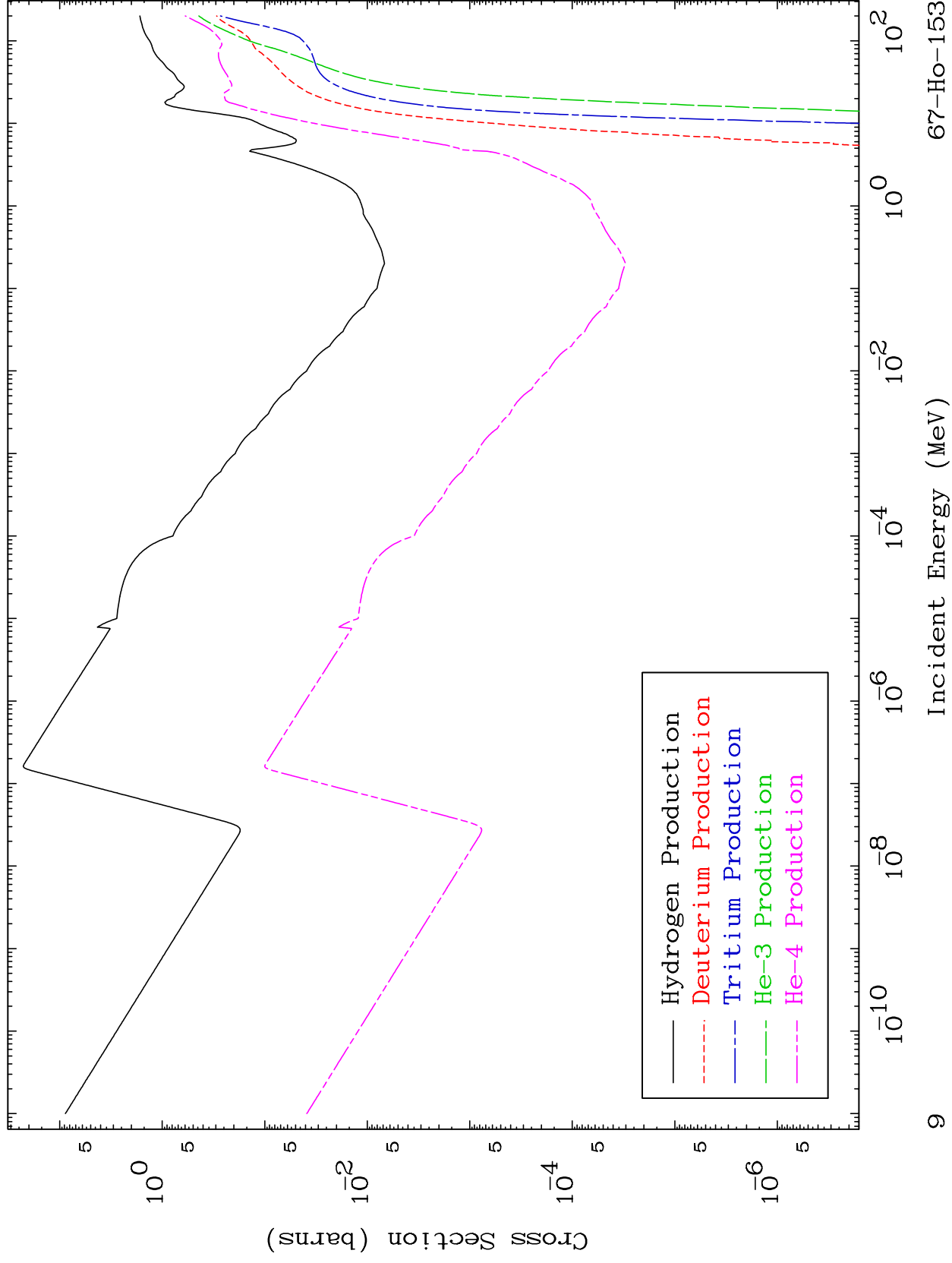


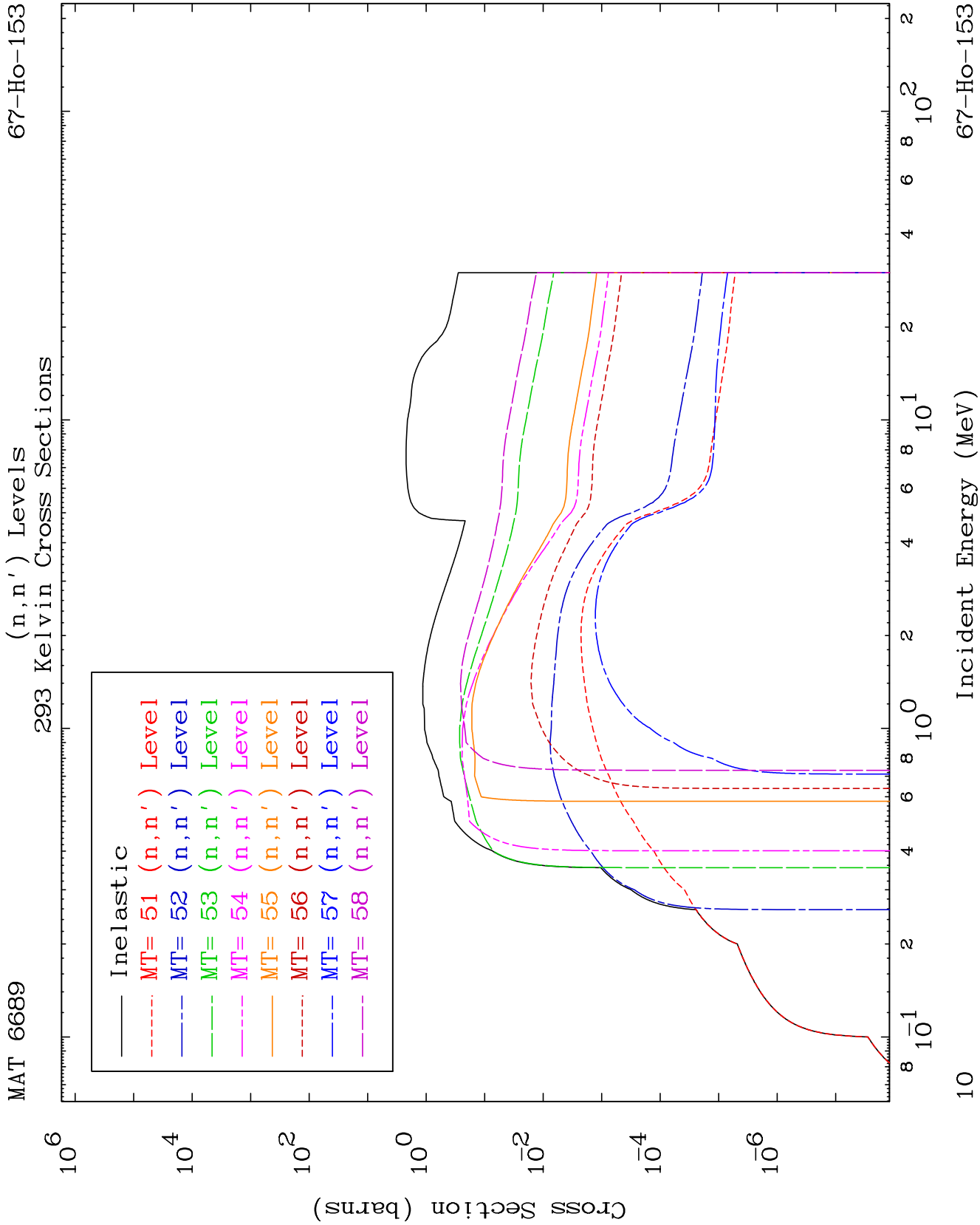
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Charged Particle
293 Kelvin Cross Sections

67-Ho-153



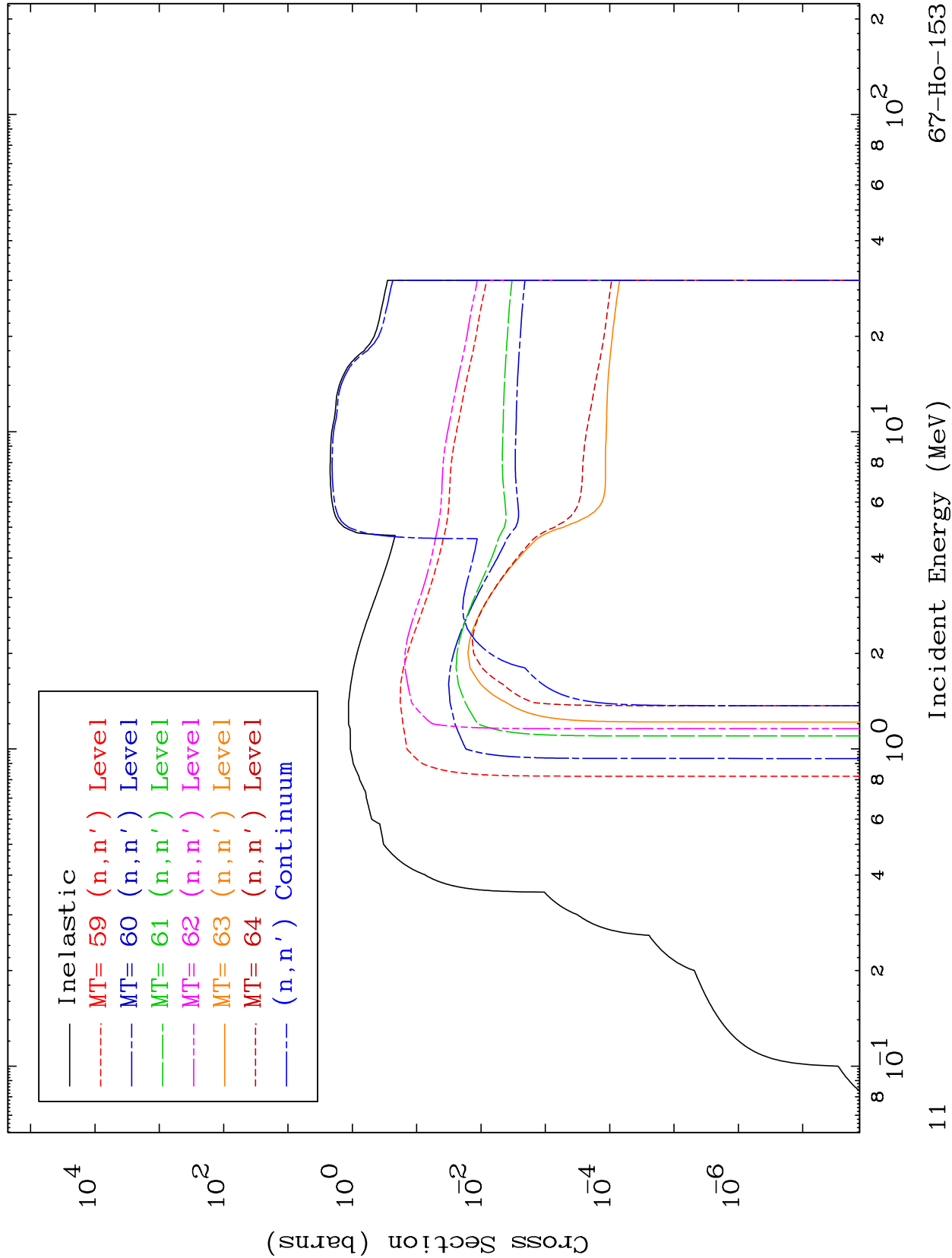




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67-Ho-153

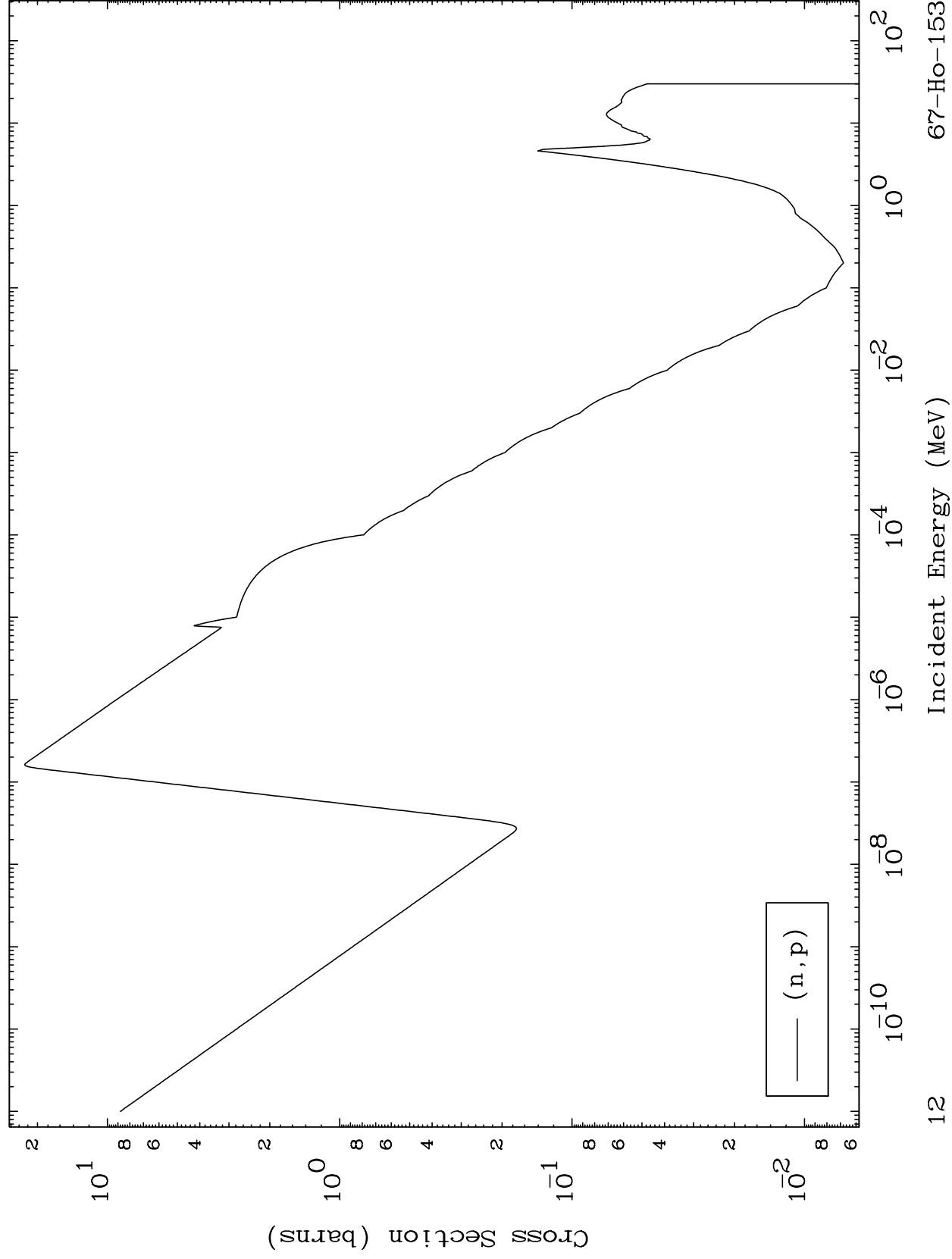
(n,n') Levels
293 Kelvin Cross Sections



MAT 6689

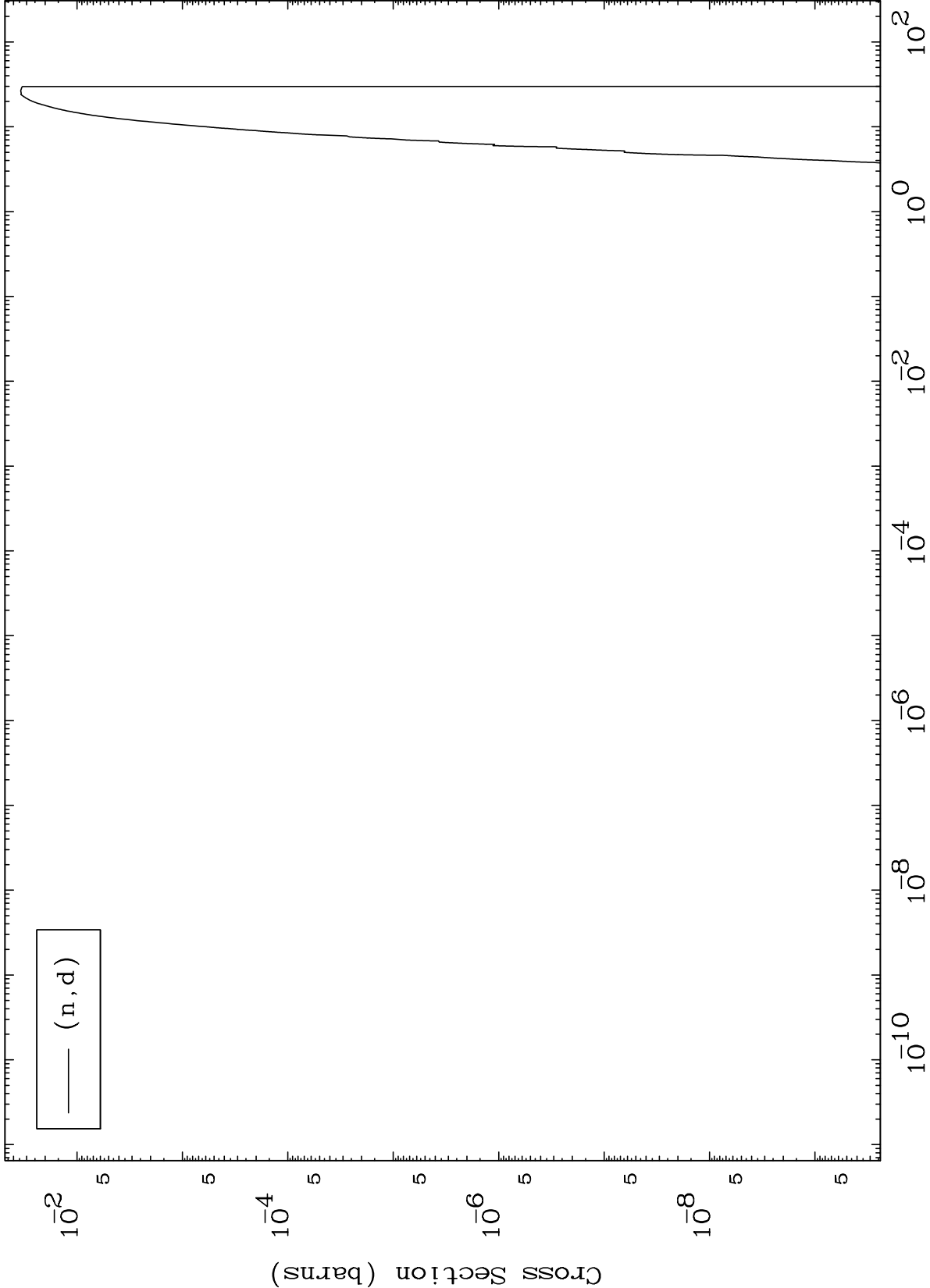
67-Ho-153

(n,p) Levels
293 Kelvin Cross Sections



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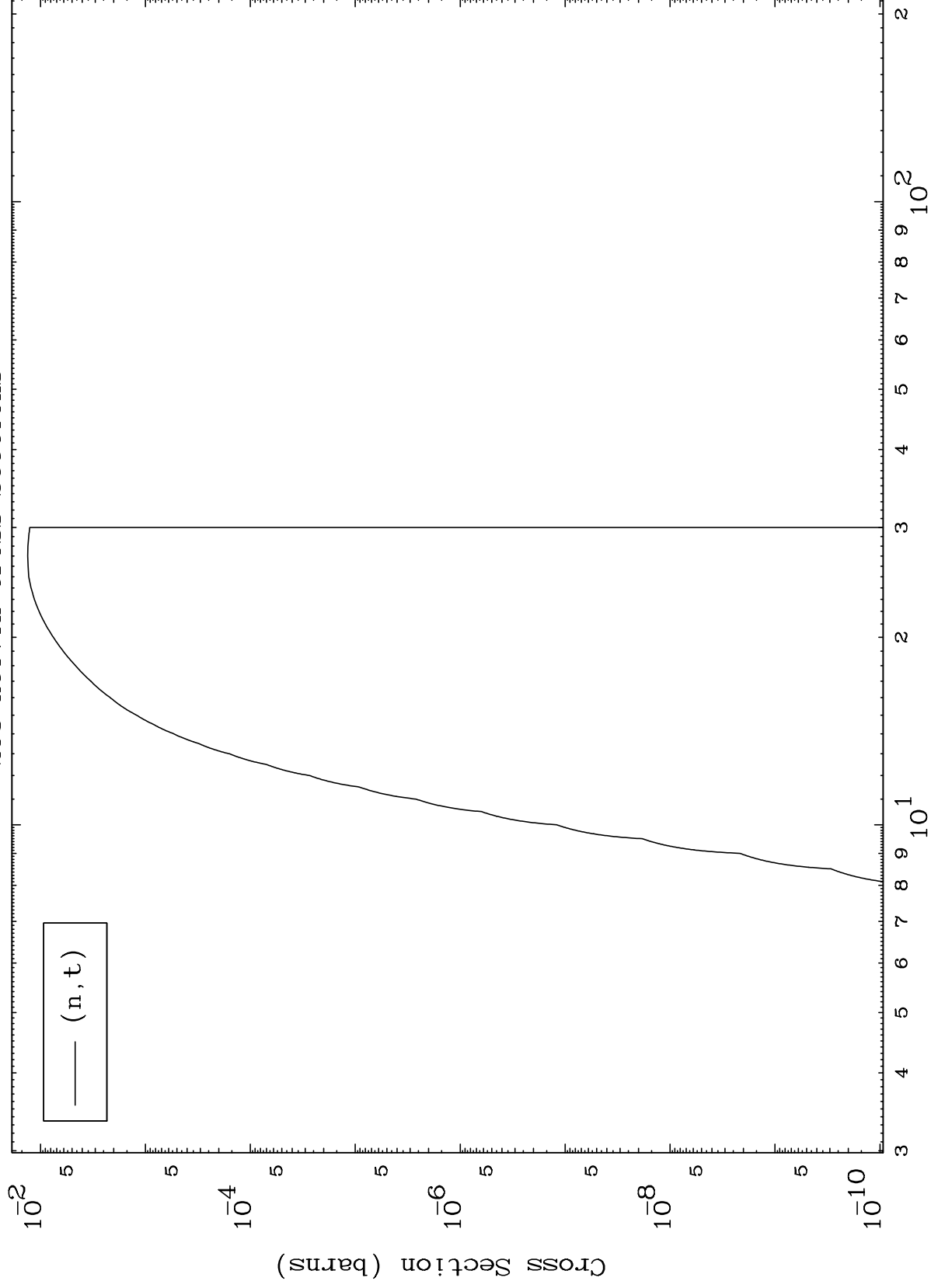
67-Ho-153



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67-Ho-153

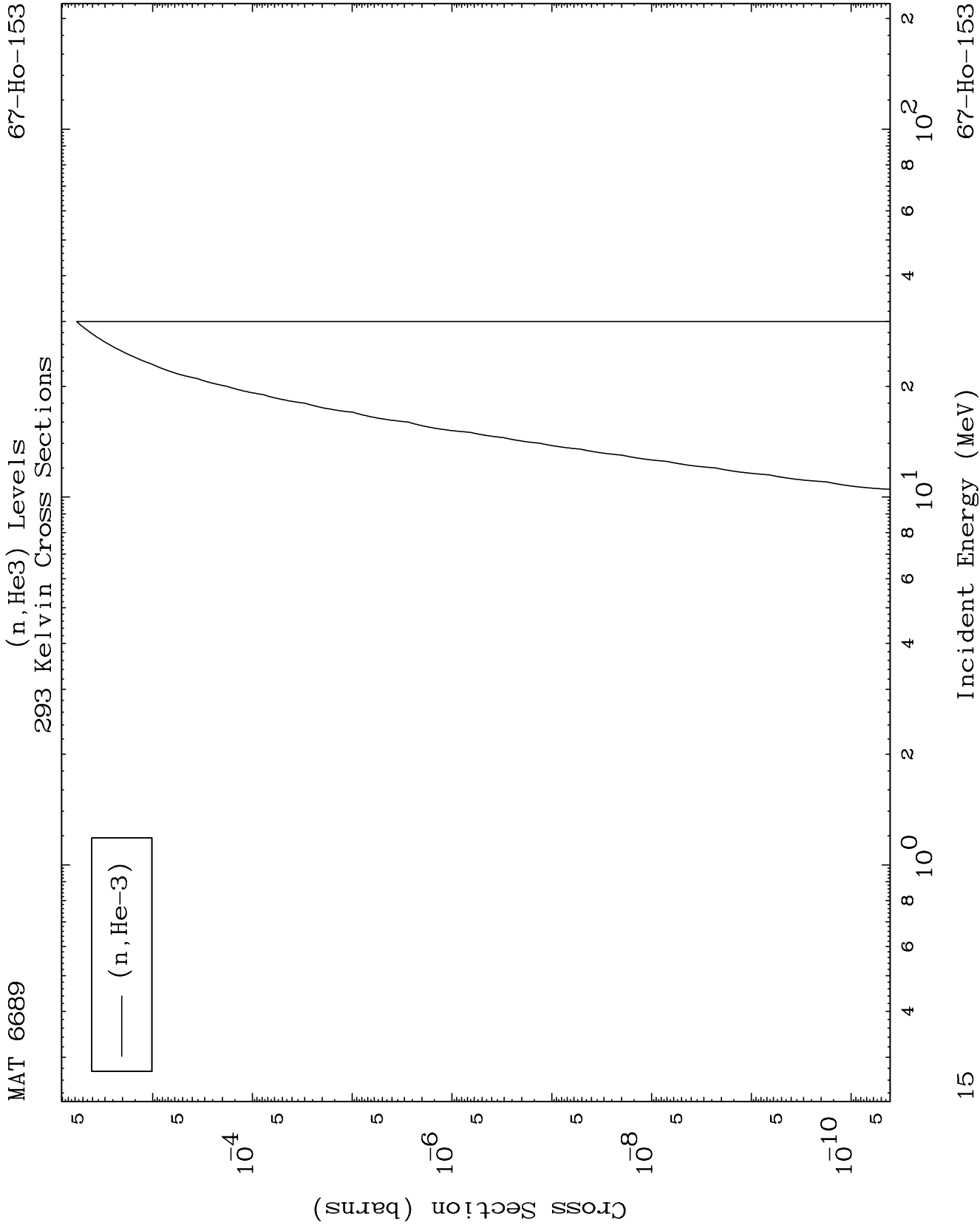
(n,t) Levels
293 Kelvin Cross Sections



14

Incident Energy (MeV)

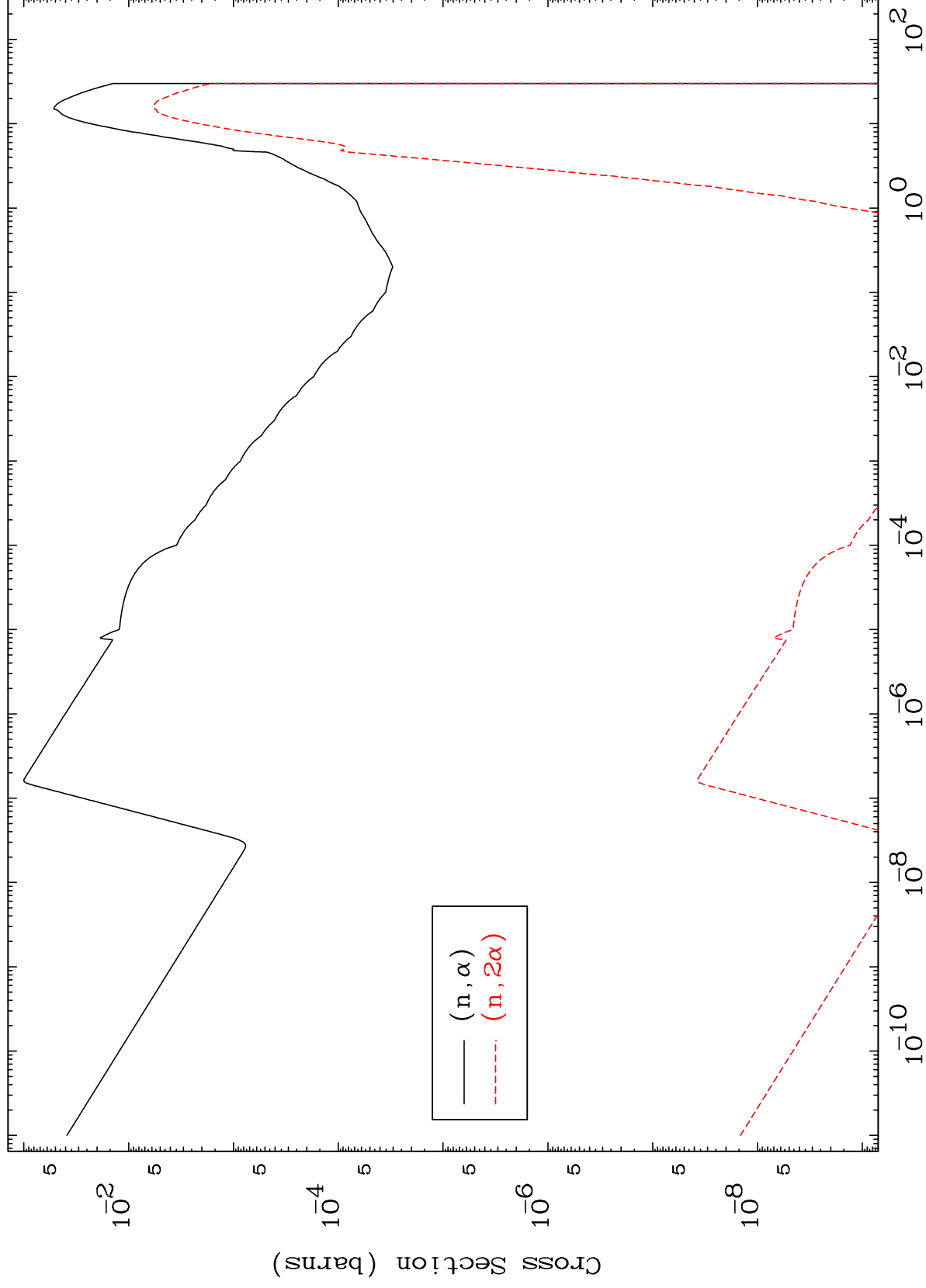
67-Ho-153



MAT 6689

(n, α) Levels
293 Kelvin Cross Sections

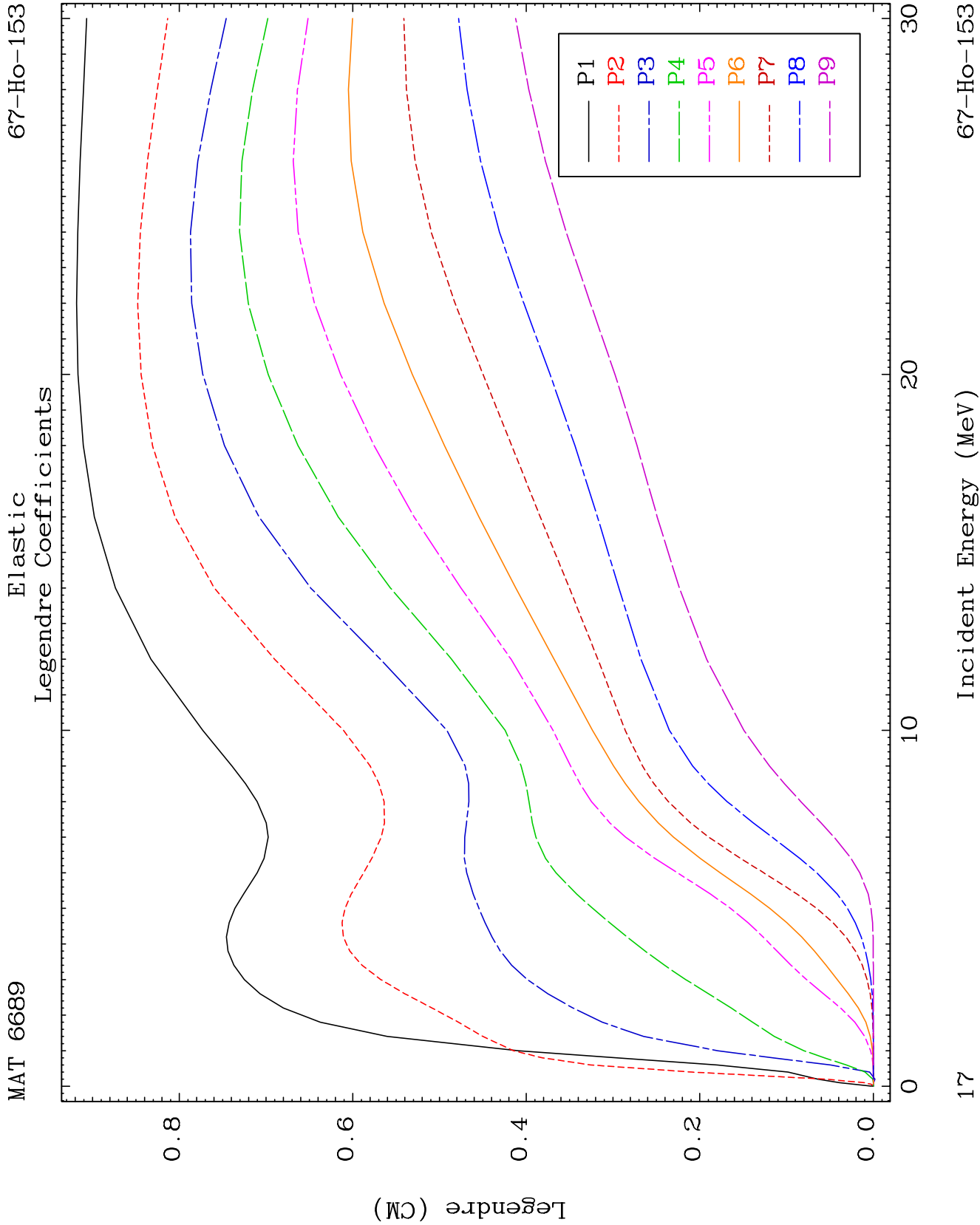
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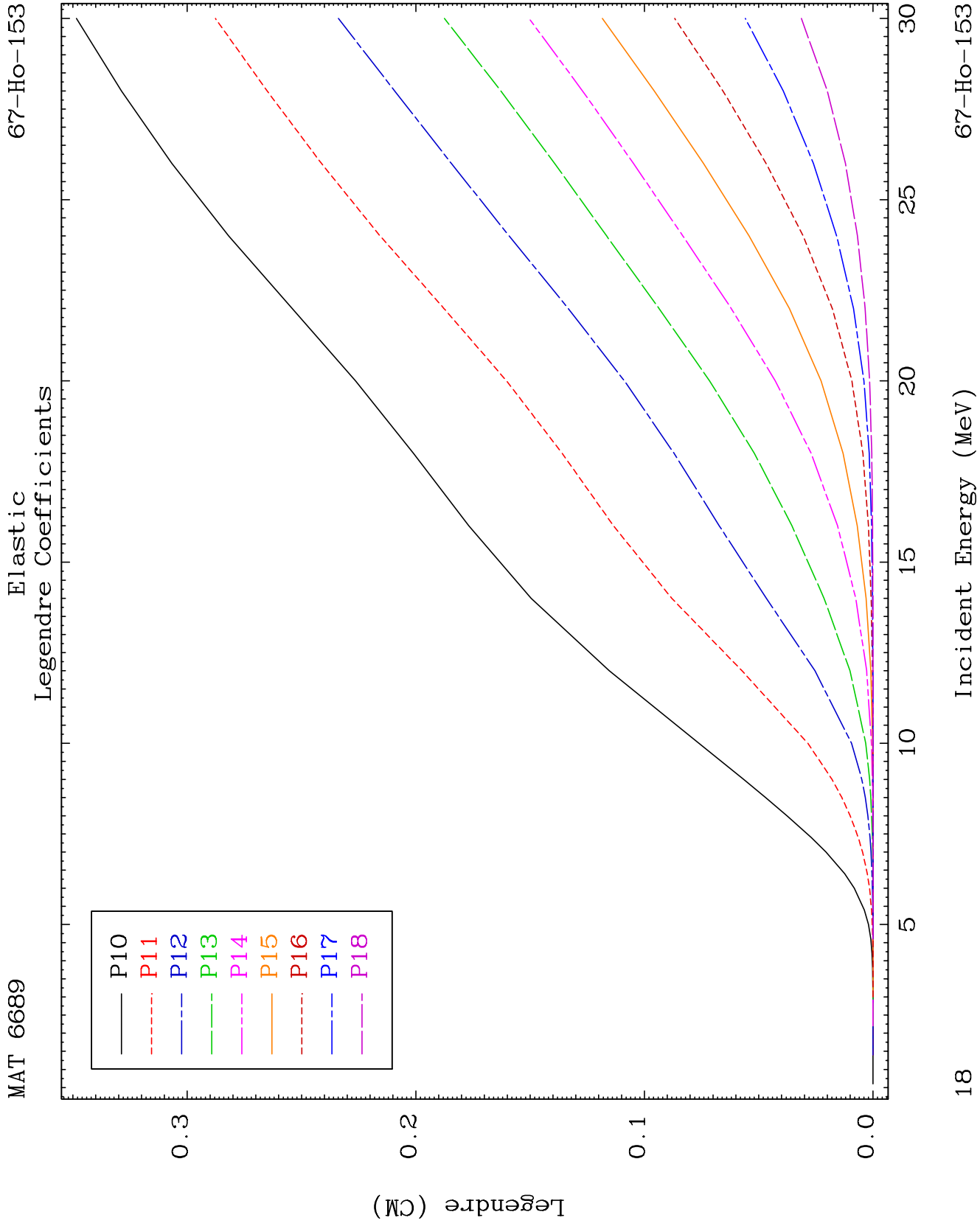


16

Incident Energy (MeV)

67-Ho-153

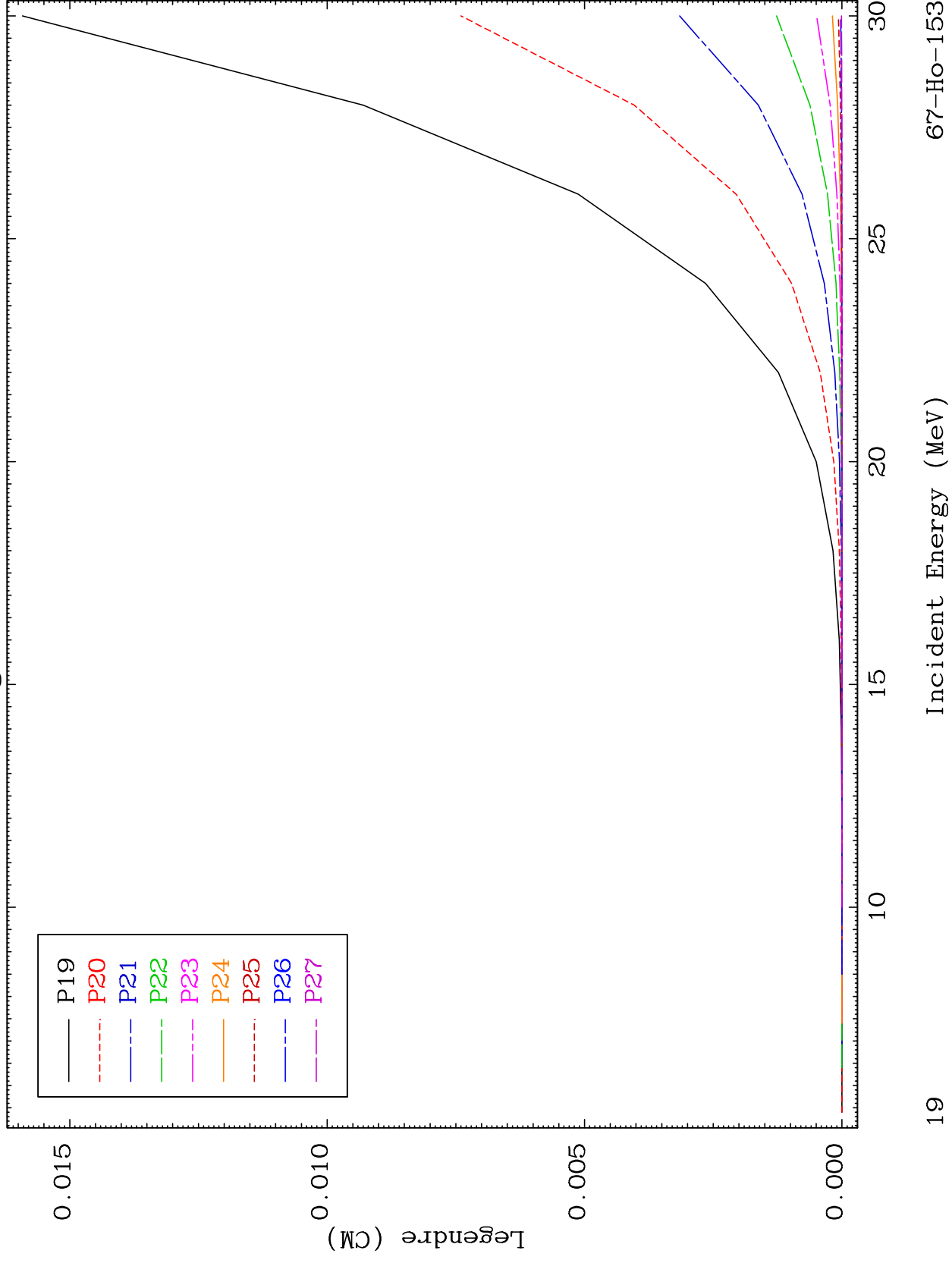


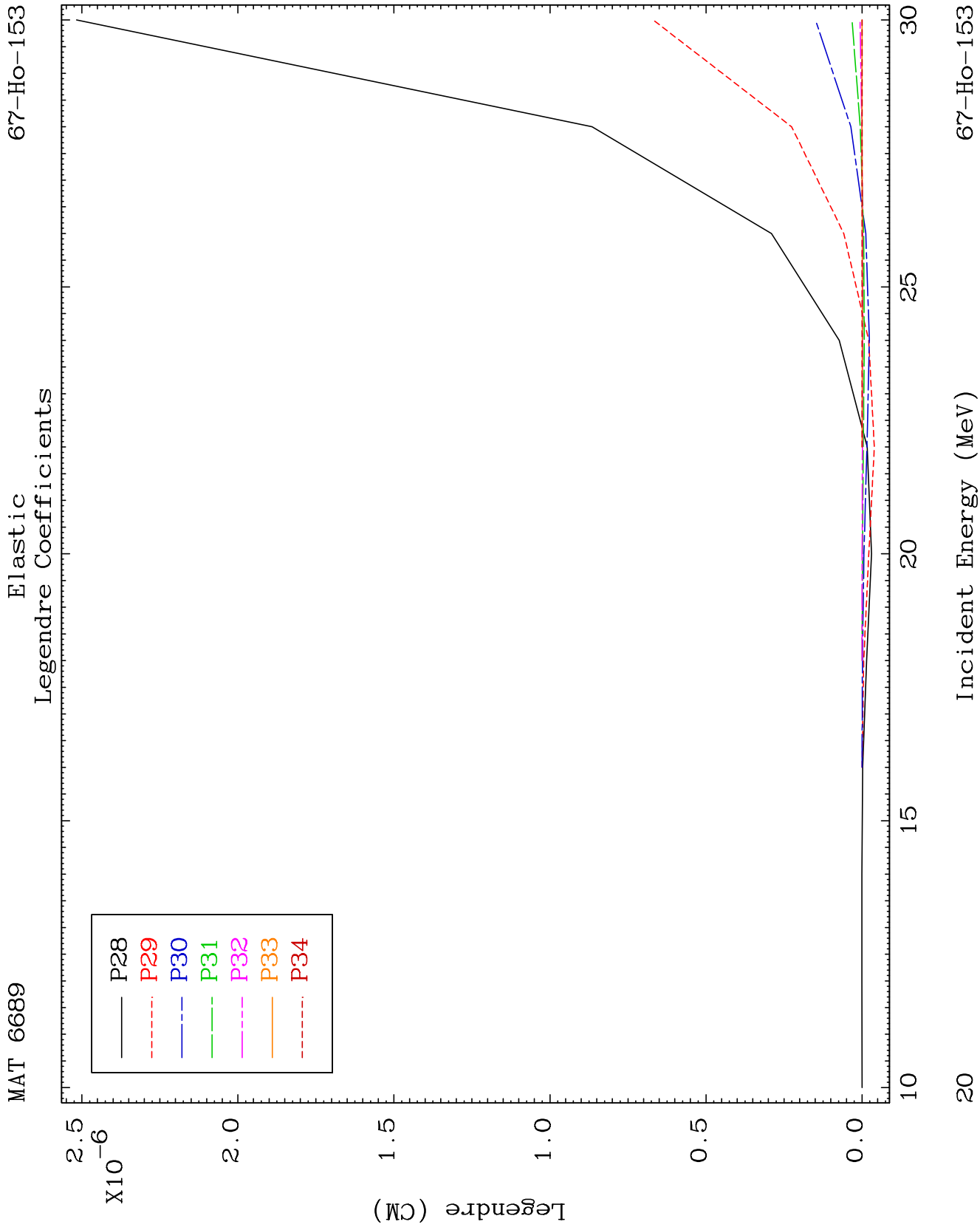


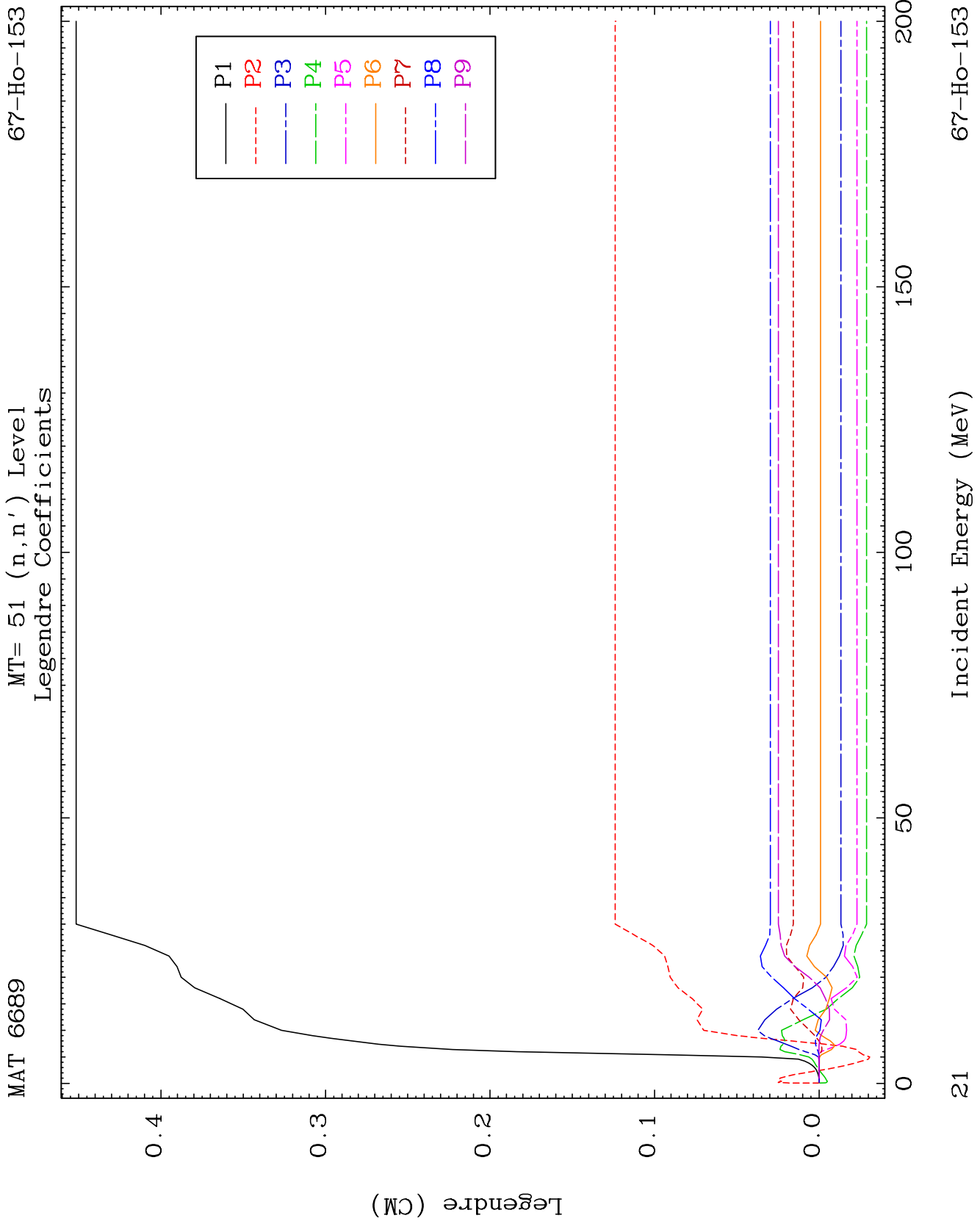
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Elastic Legendre Coefficients

67-Ho-153



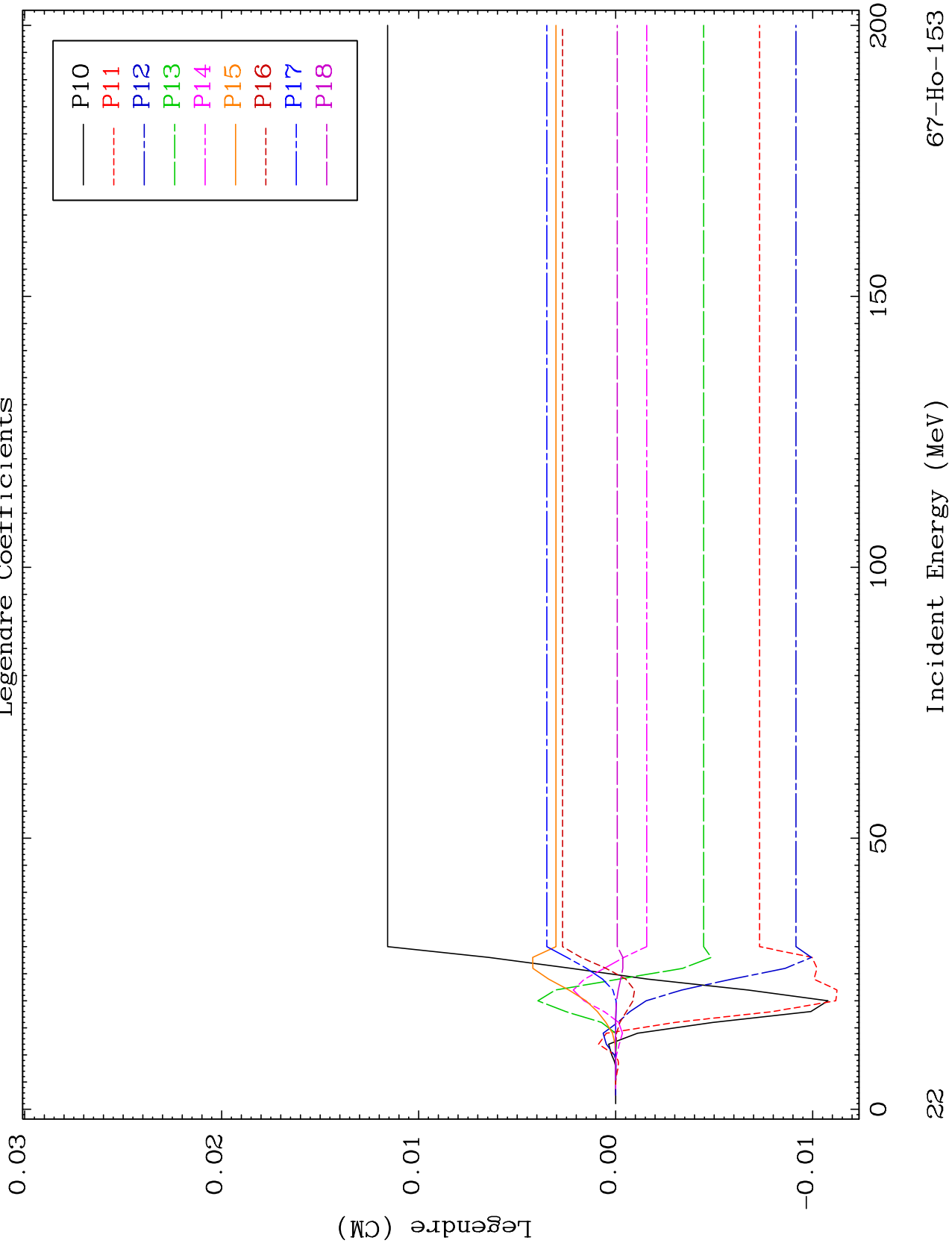


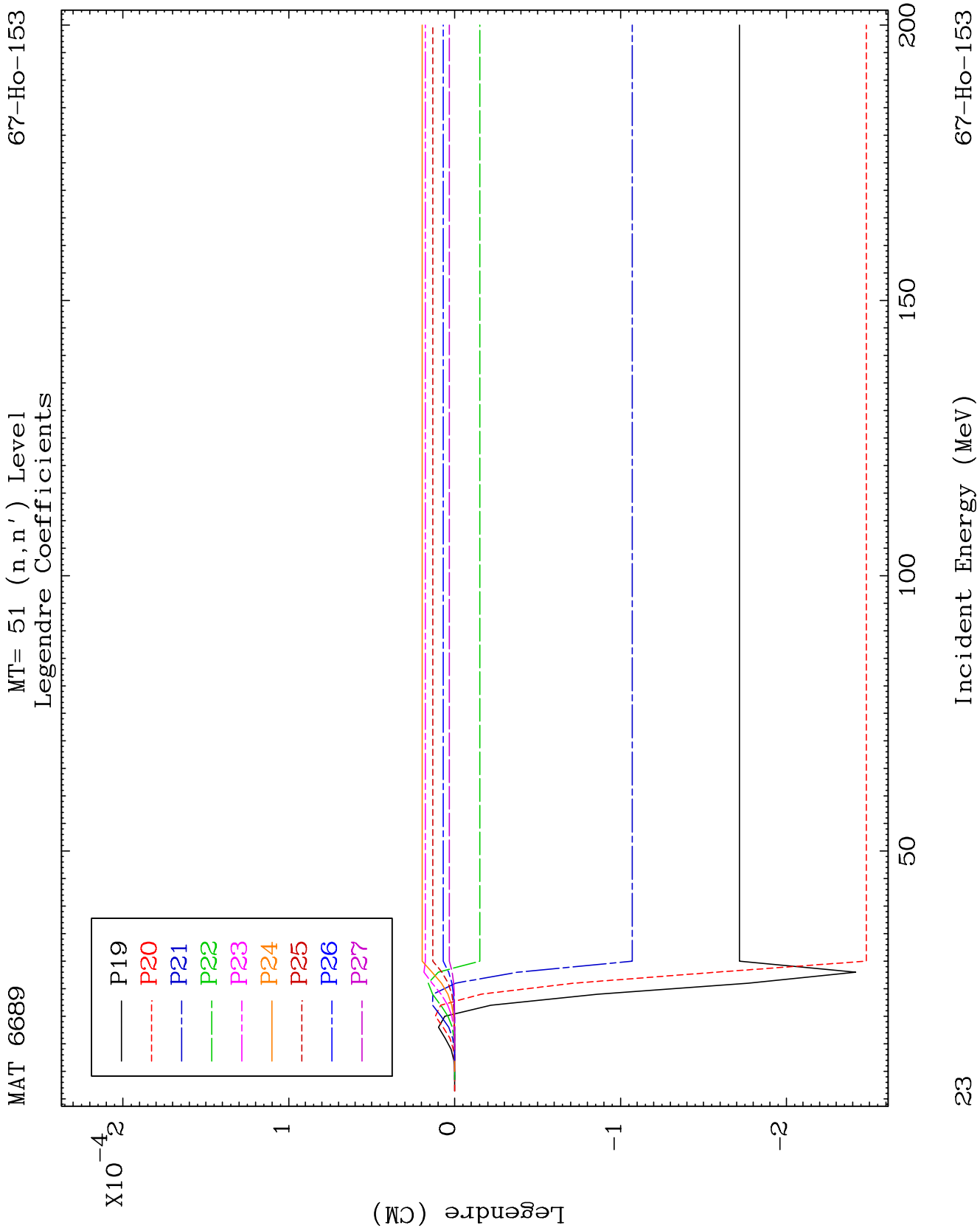


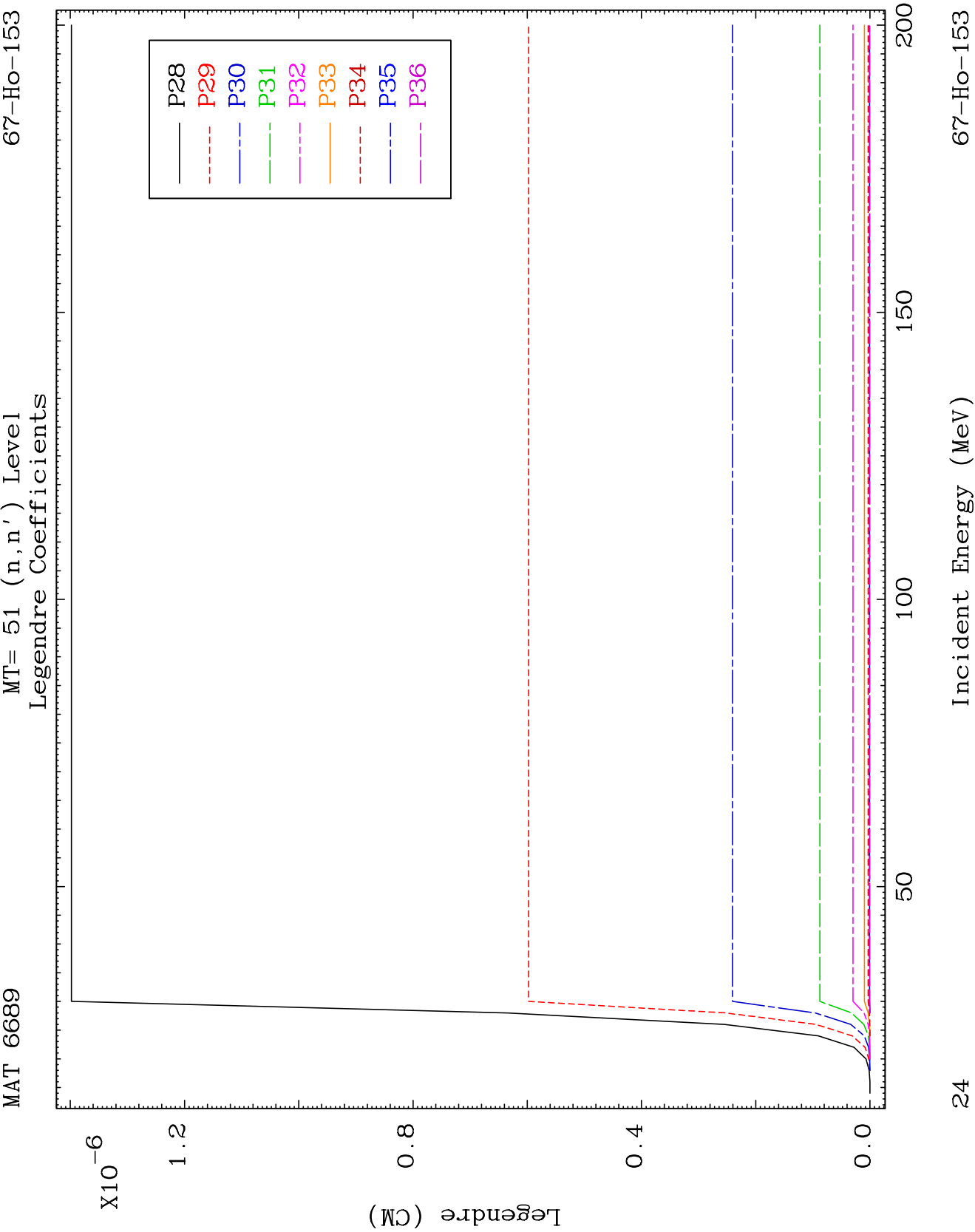
MAT 6689

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

67-Ho-153



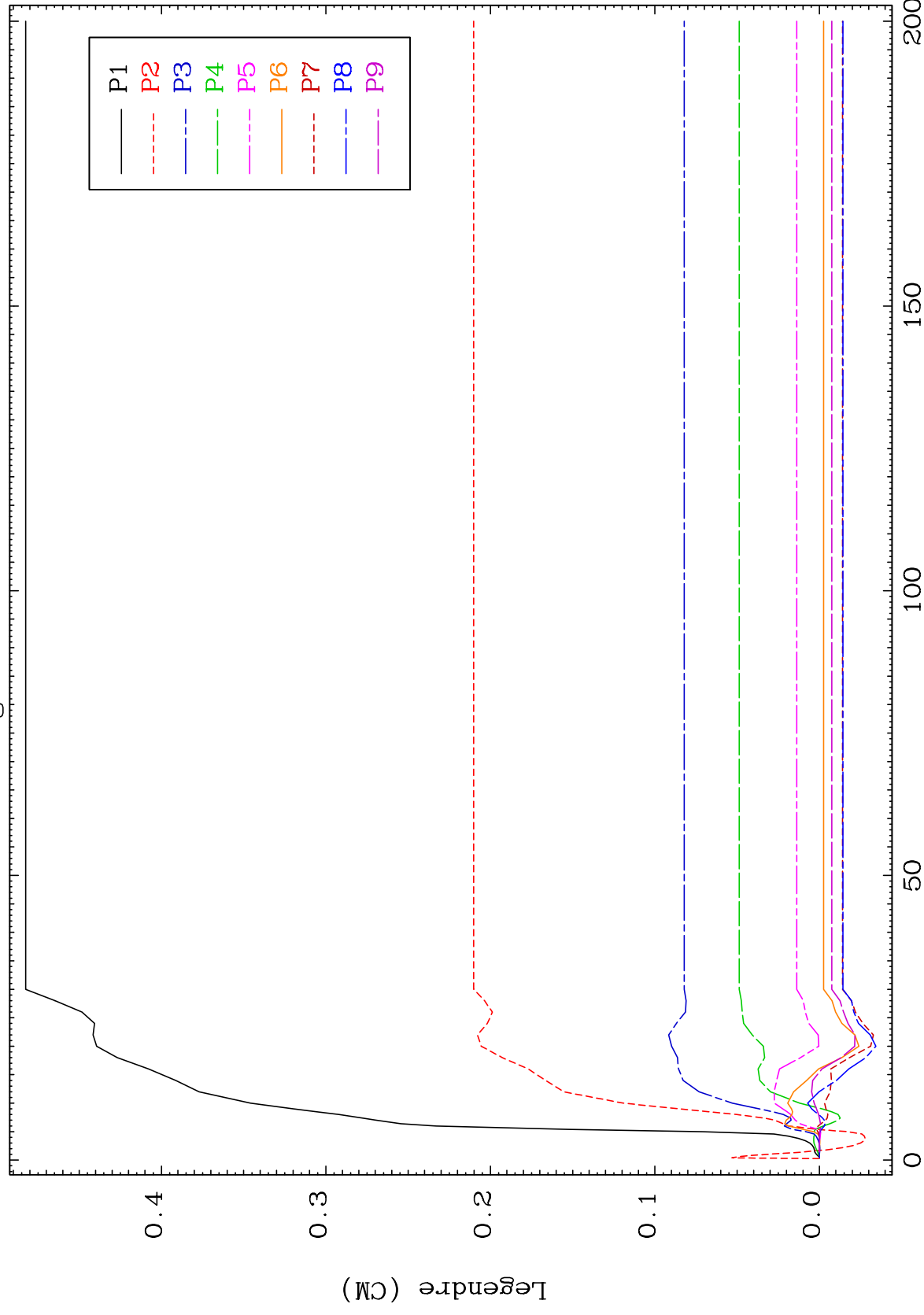




MAT 6689

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

67-Ho-153



25

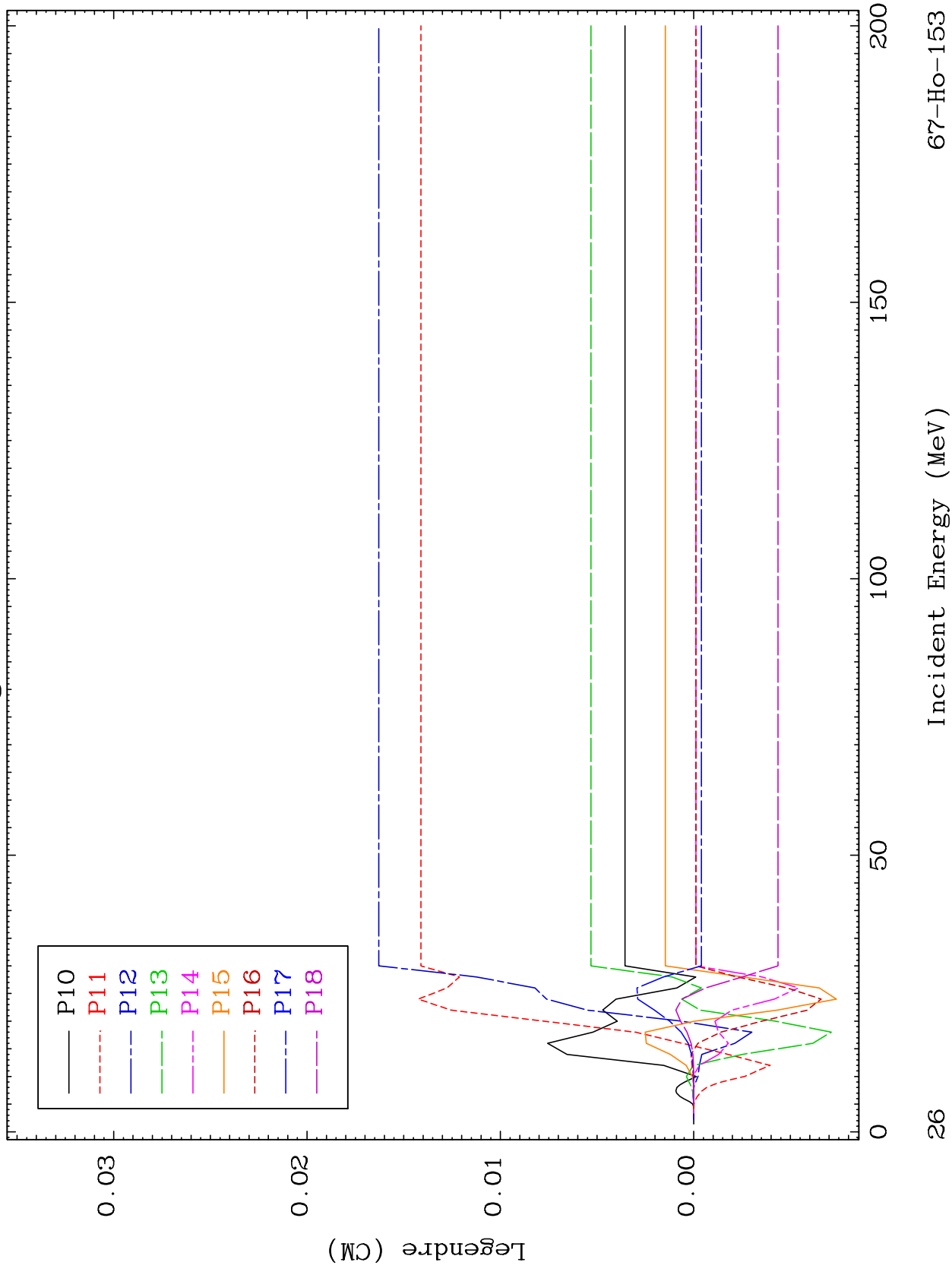
Incident Energy (MeV)

67-Ho-153

MAT 6689

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

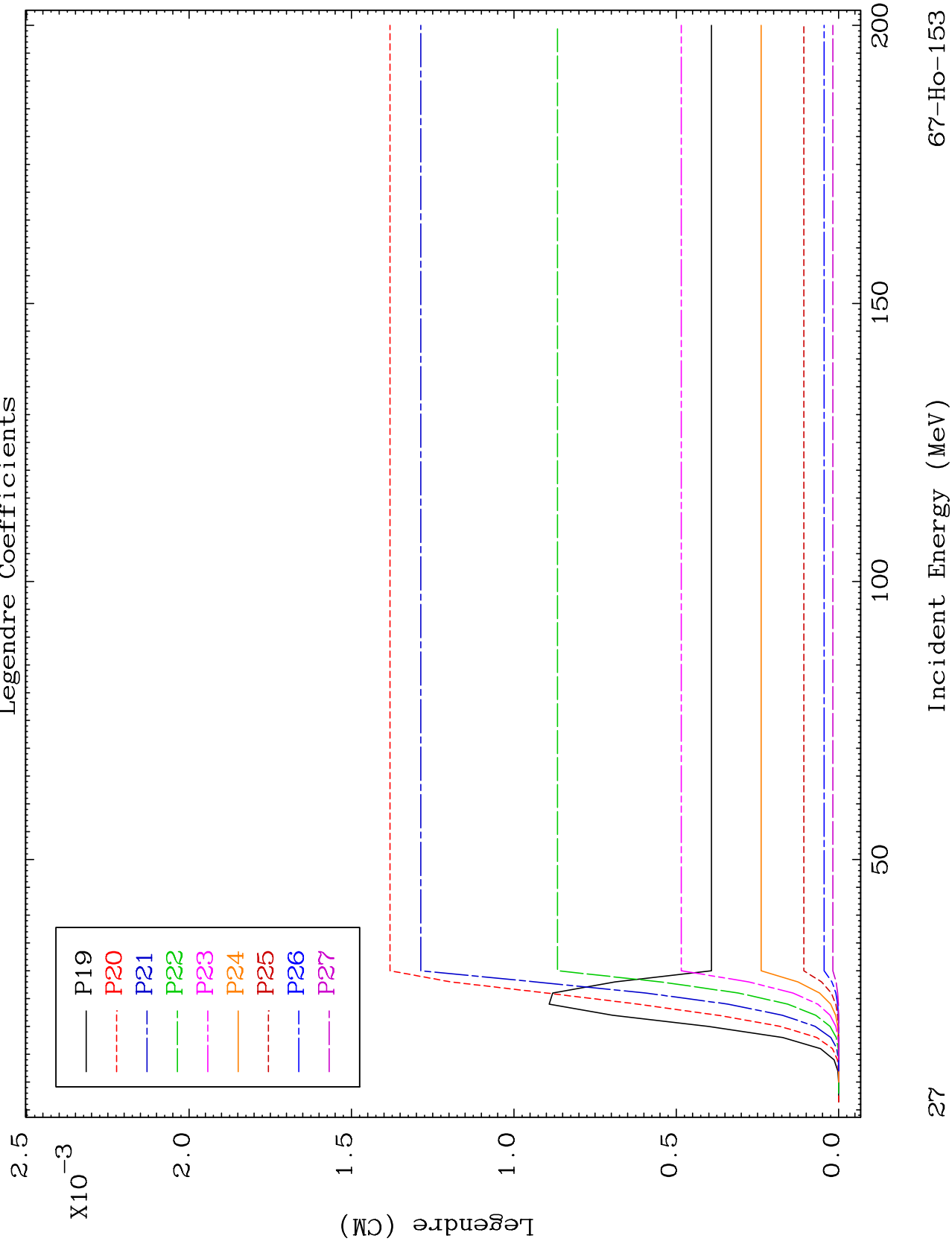
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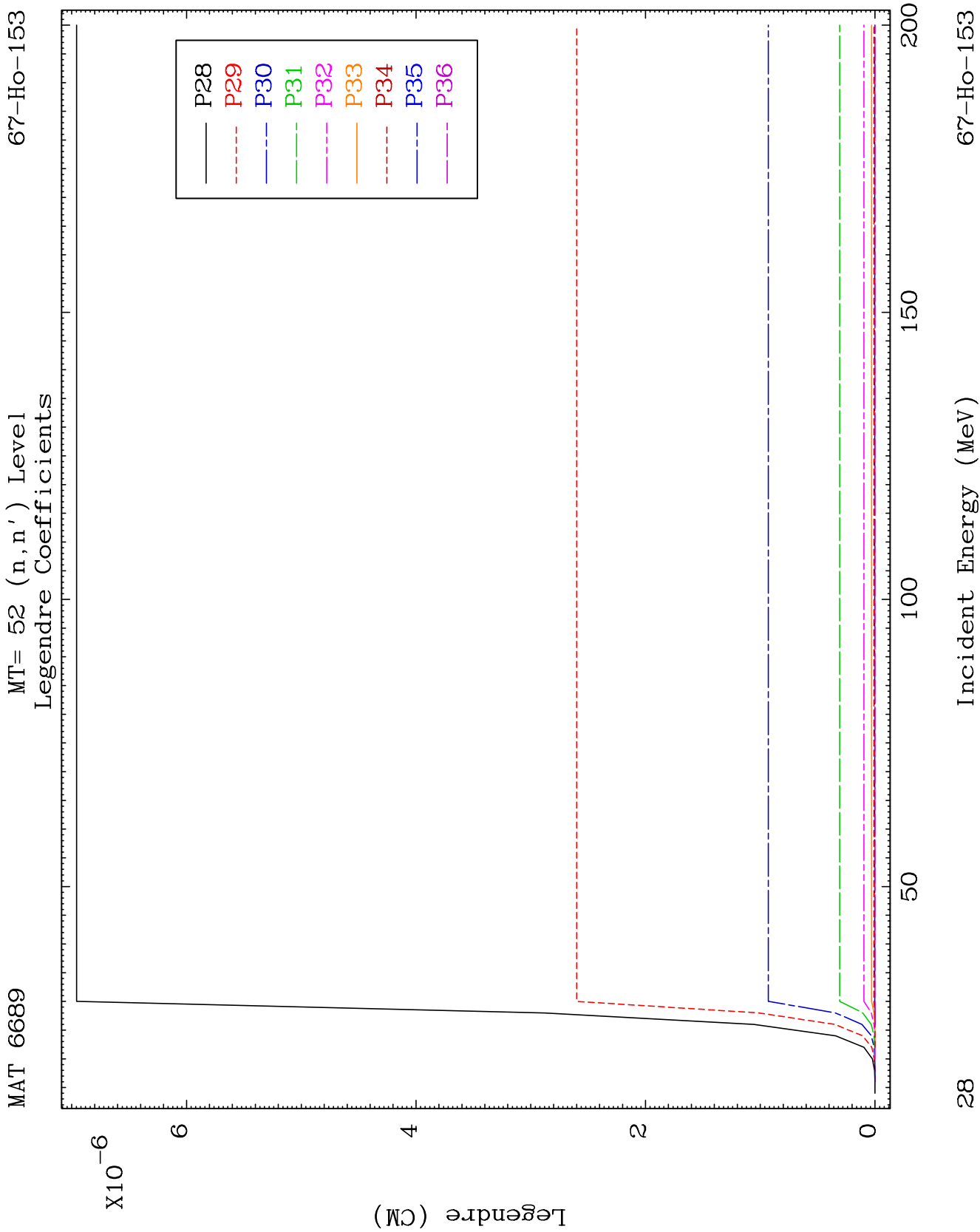


MAT 6689

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

67-Ho-153

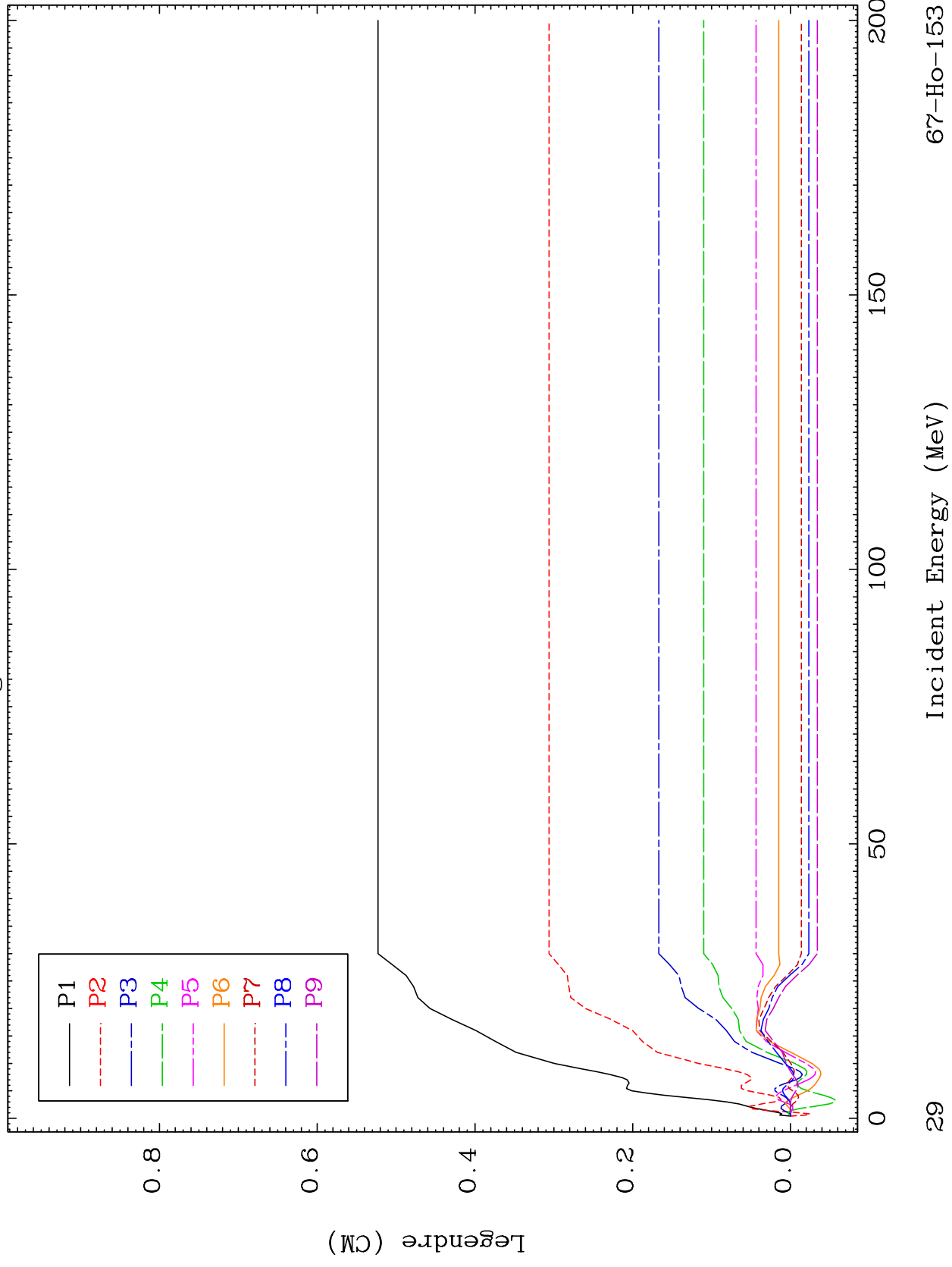




MAT 6689

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

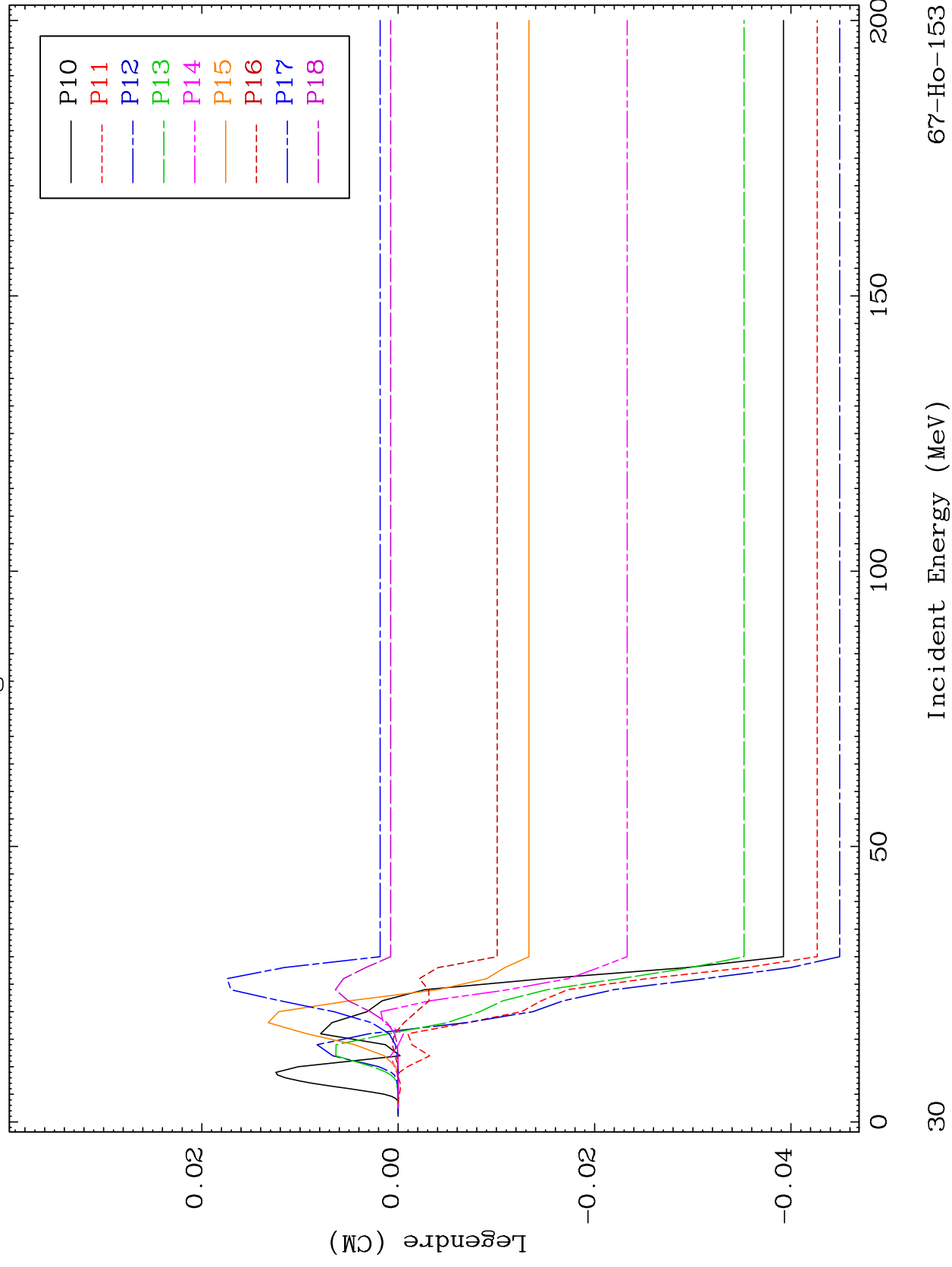
67-Ho-153



MAT 6689

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

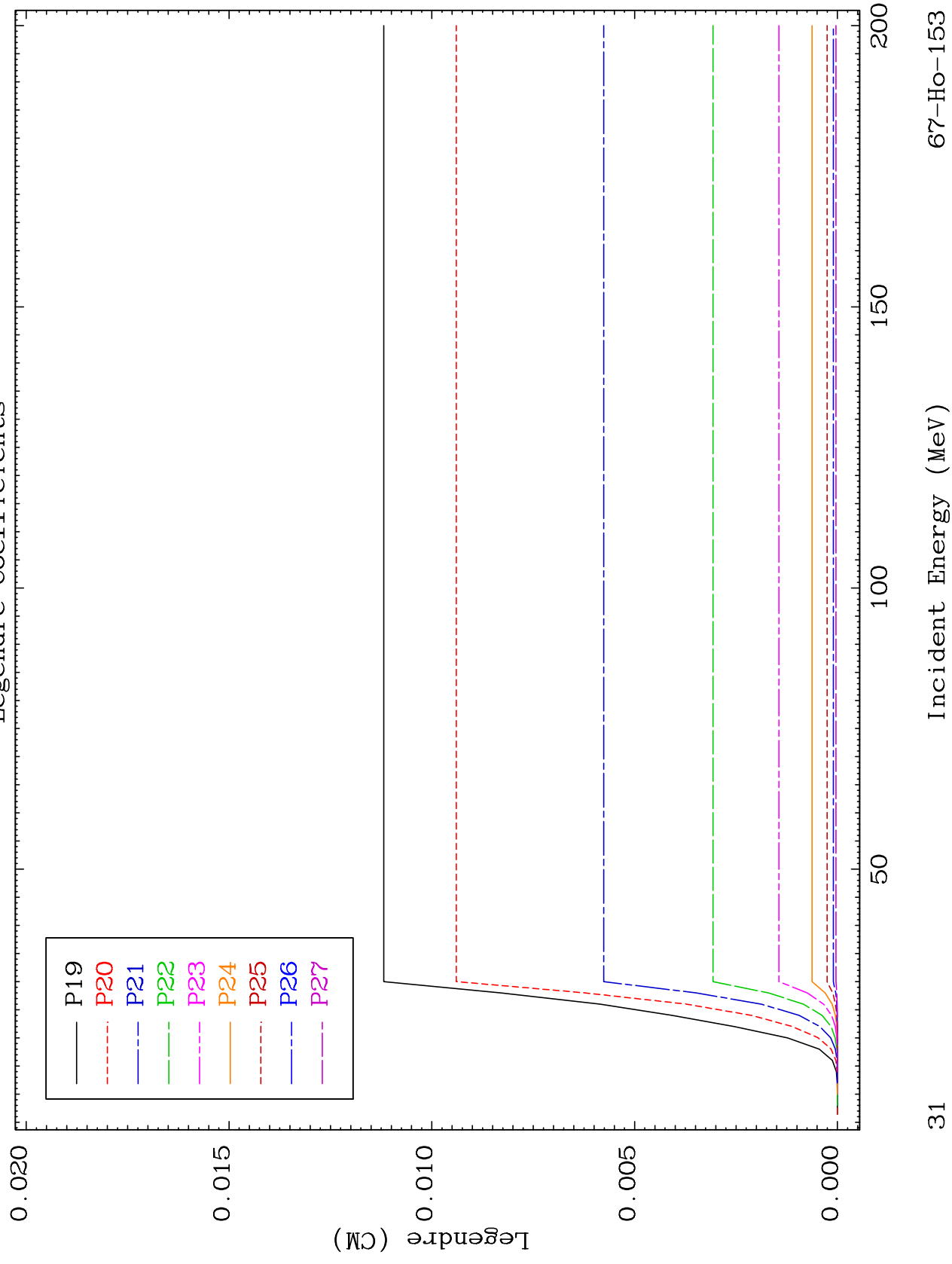
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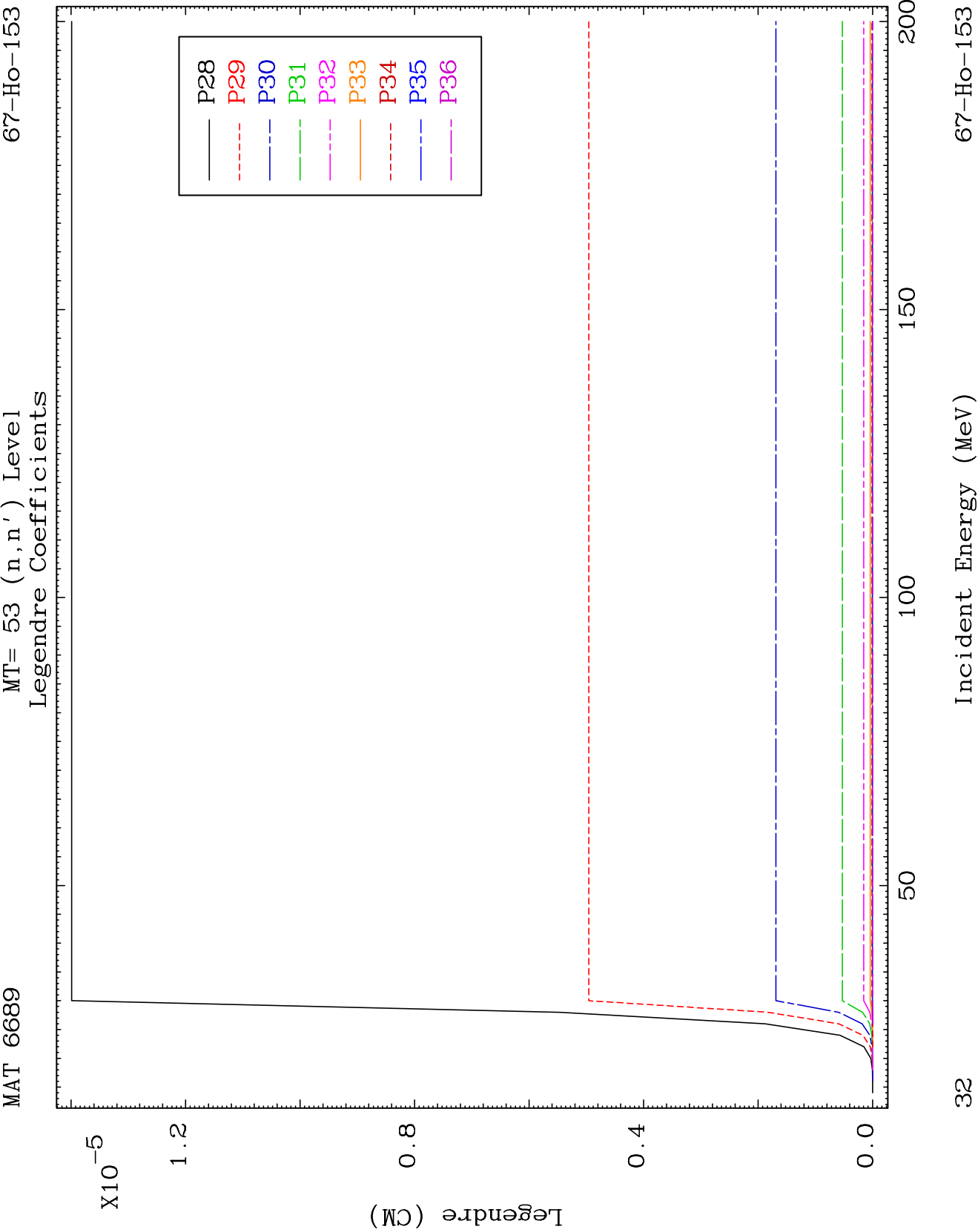


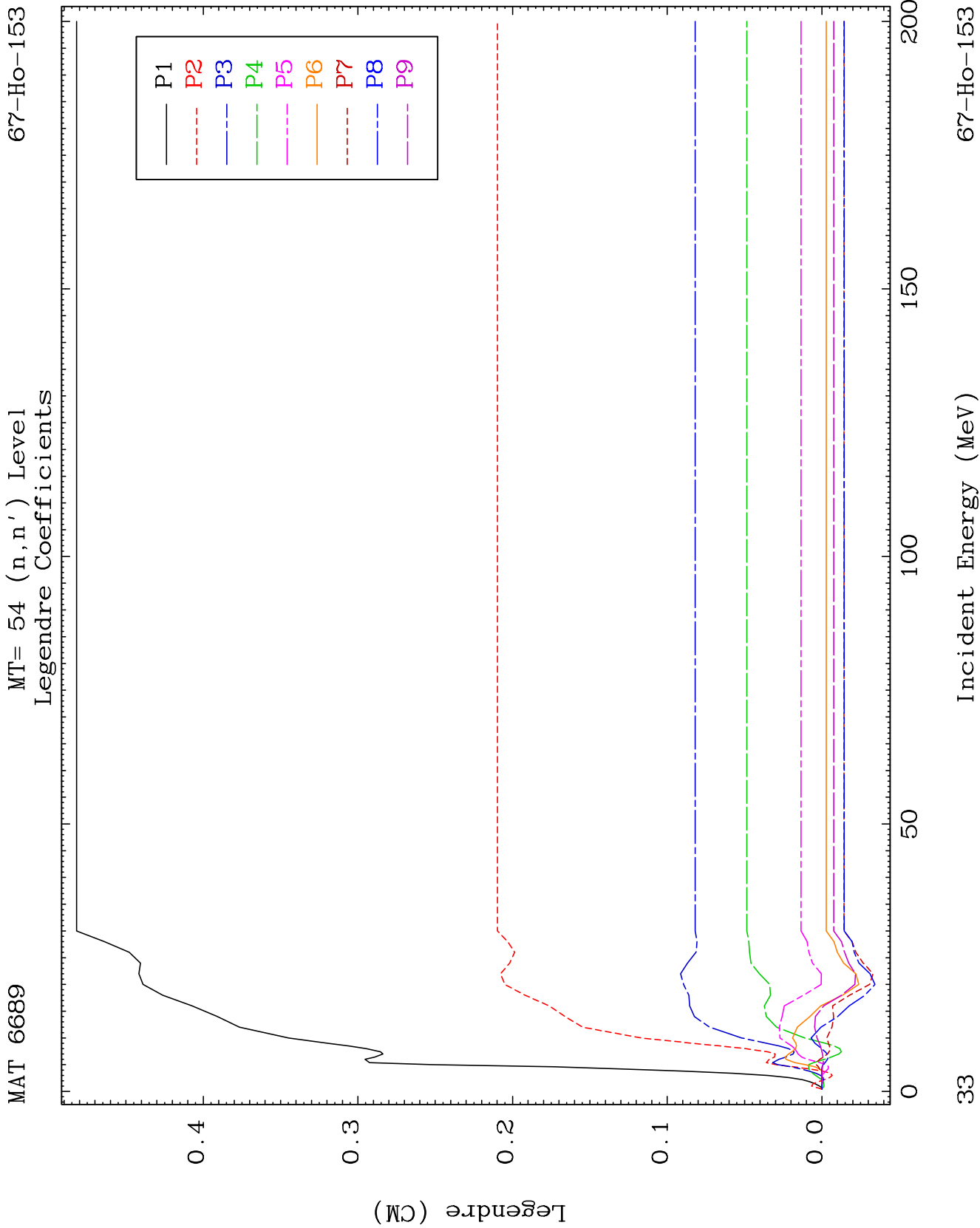
MAT 6689

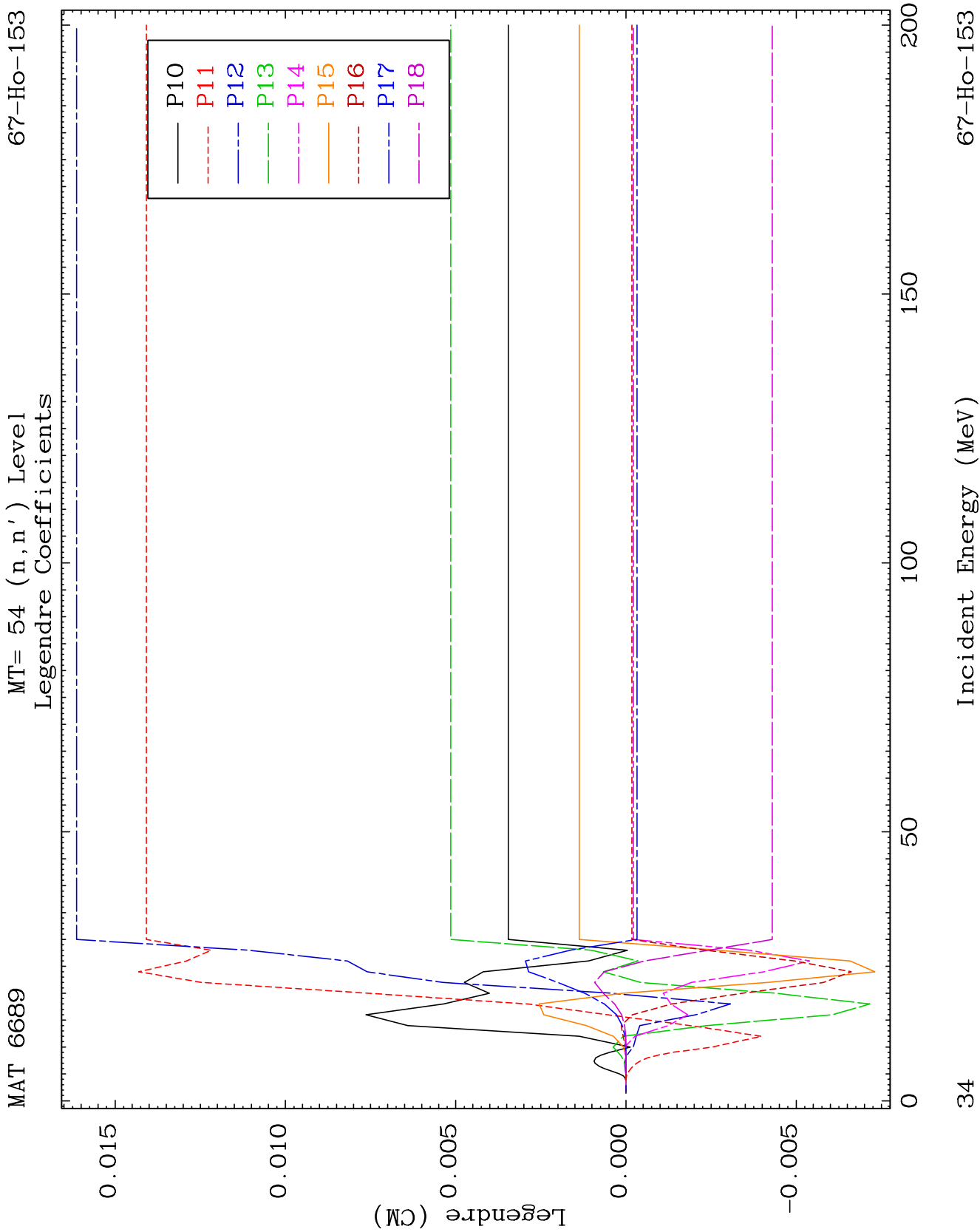
MT= 53 (n, n') Level
Legendre Coefficients

67-Ho-153





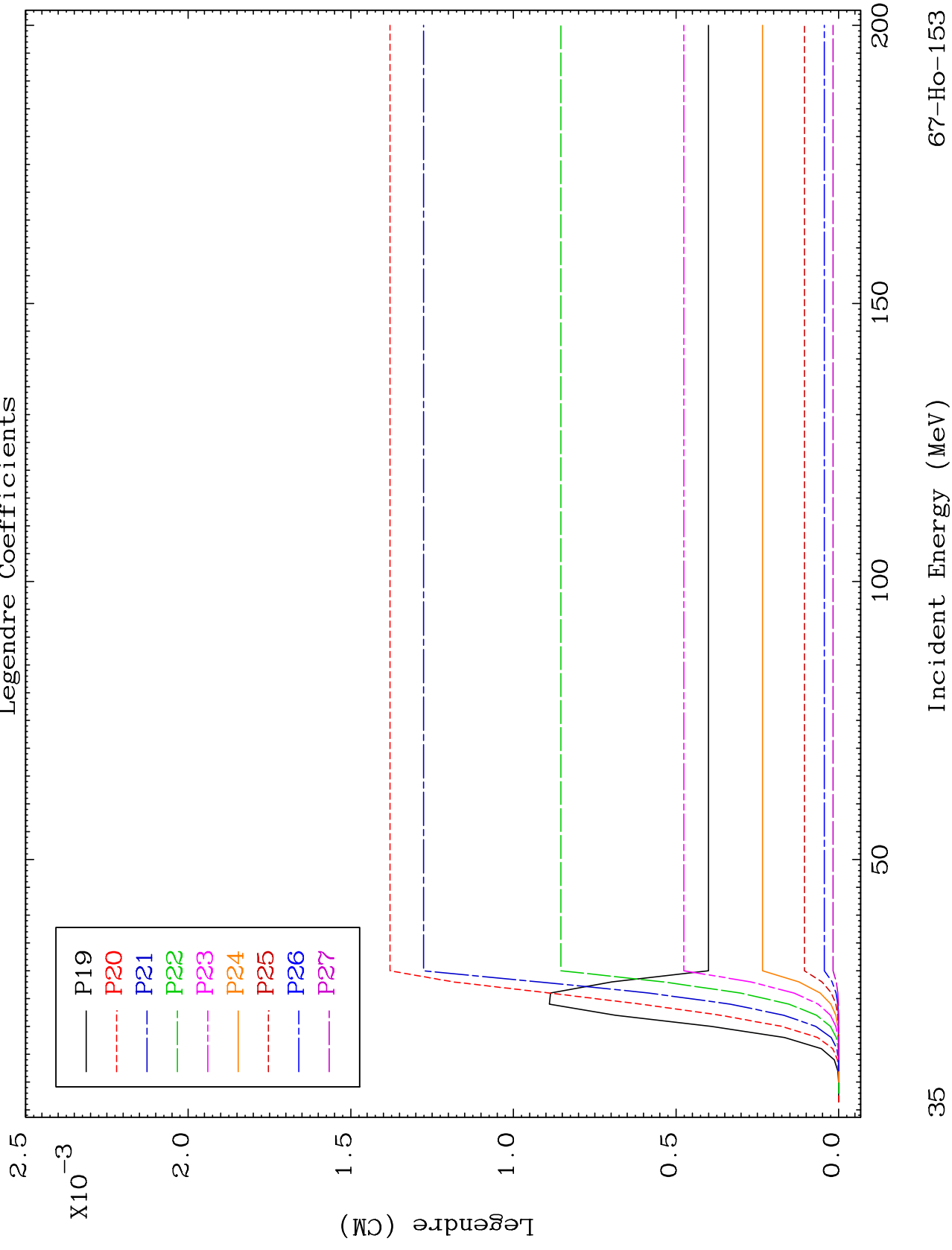


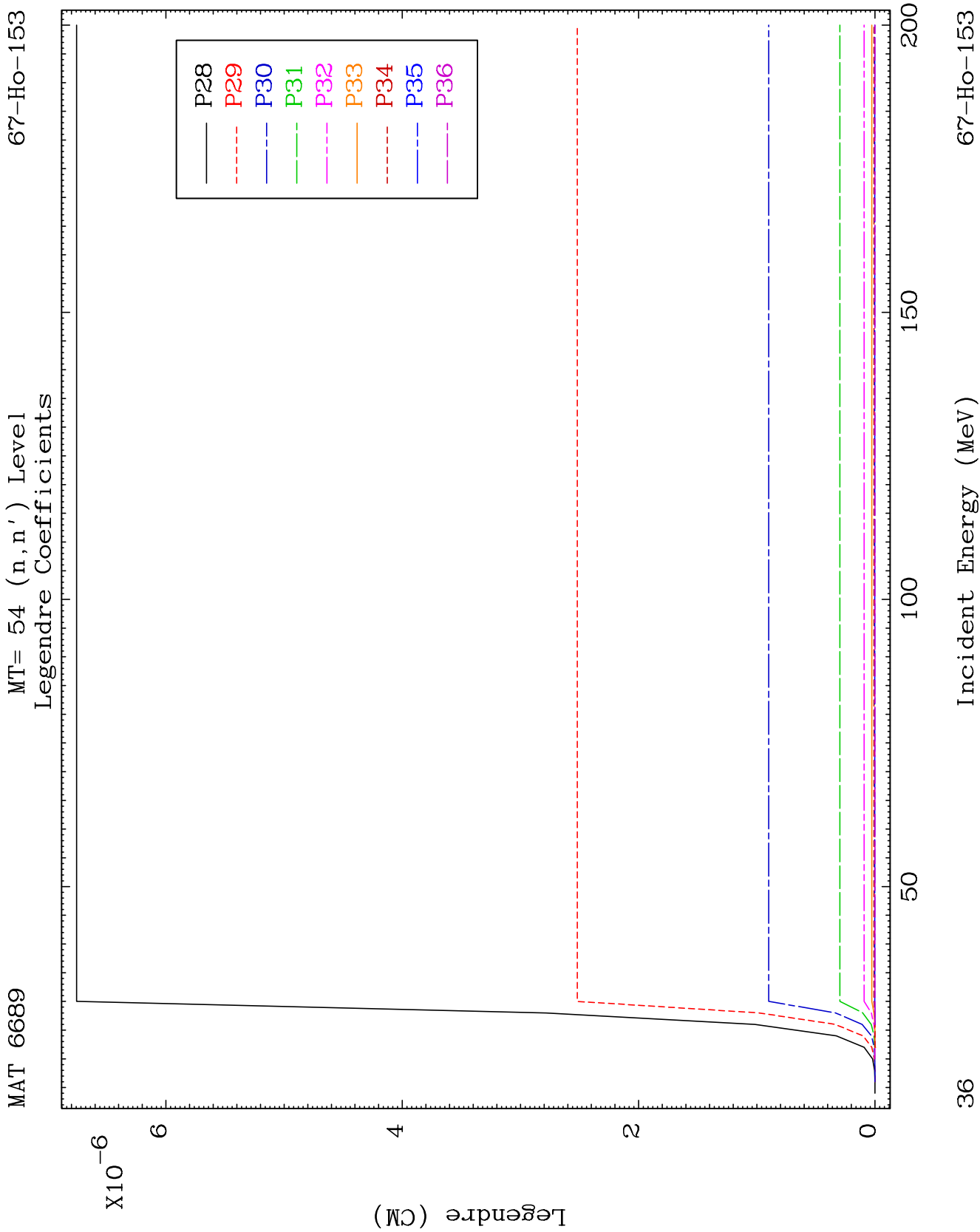


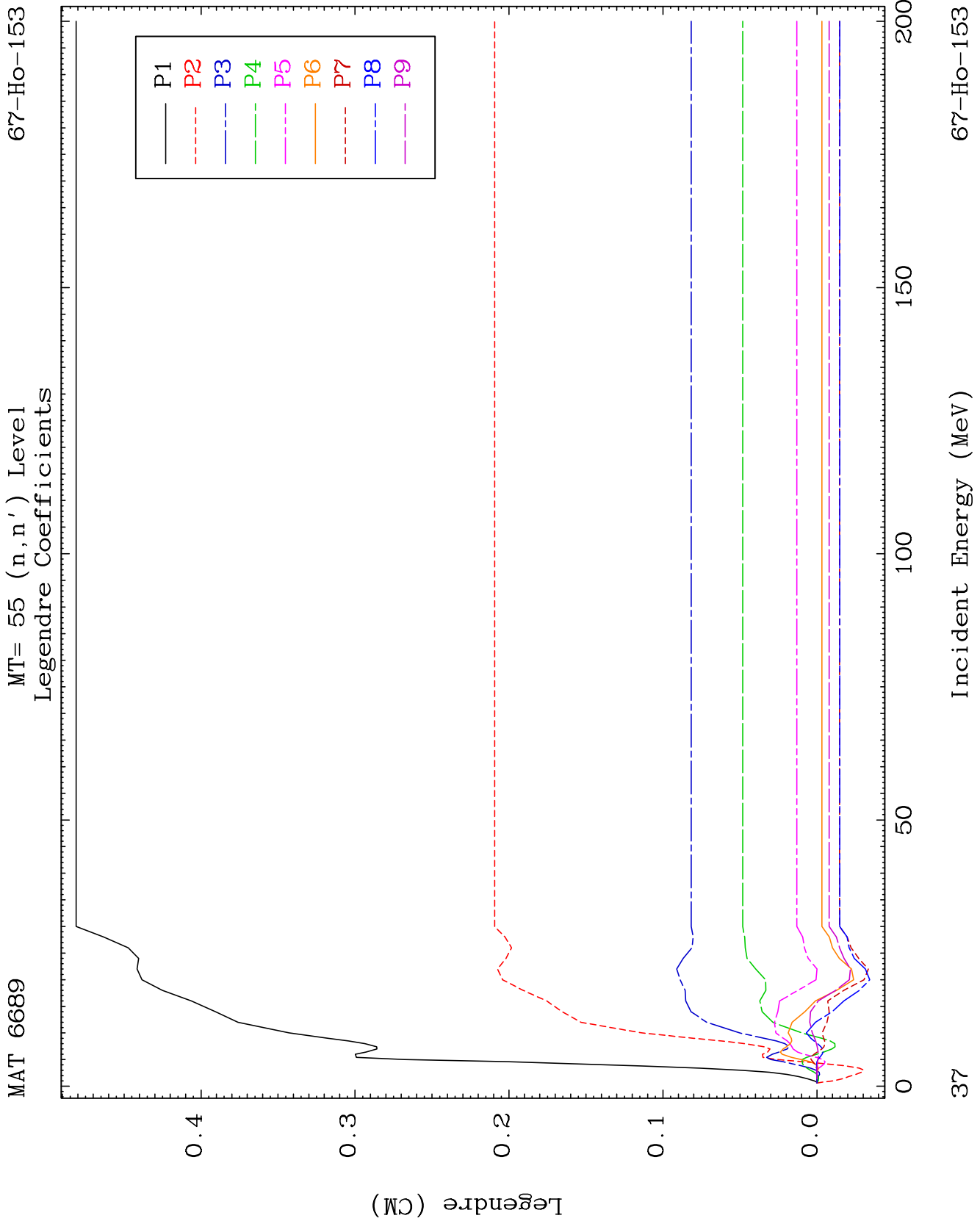
MAT 6689

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

67-Ho-153



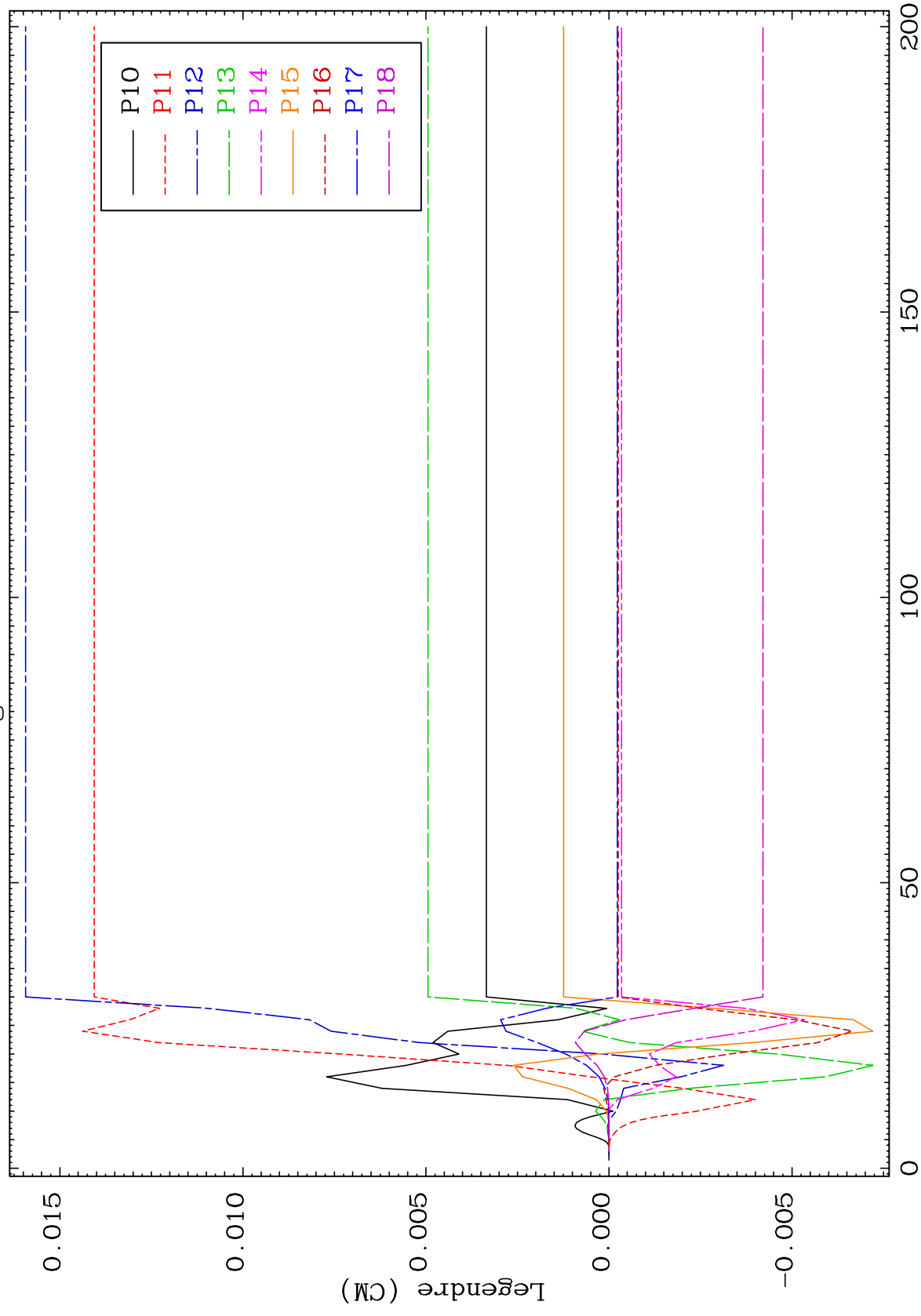




MAT 6689

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

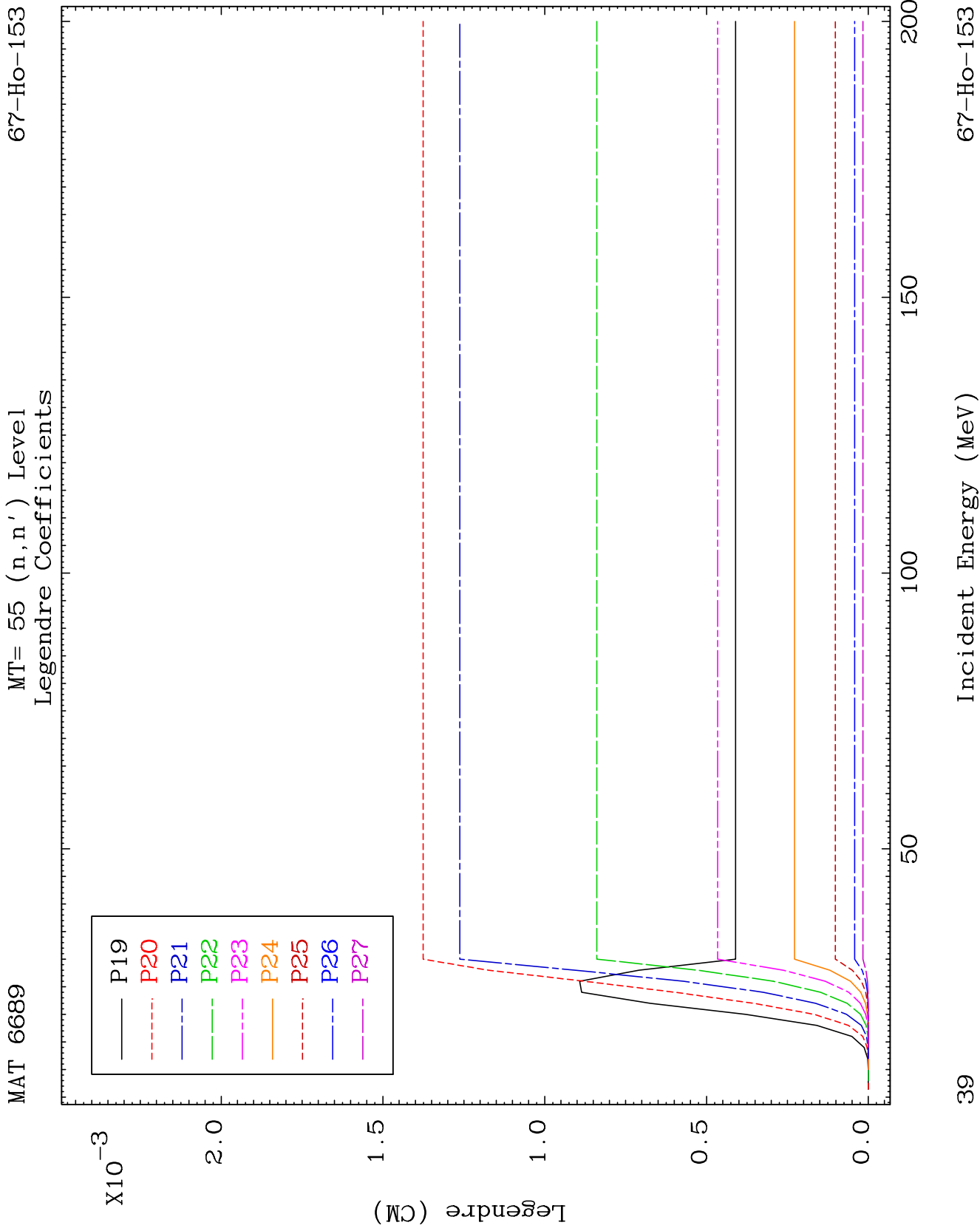
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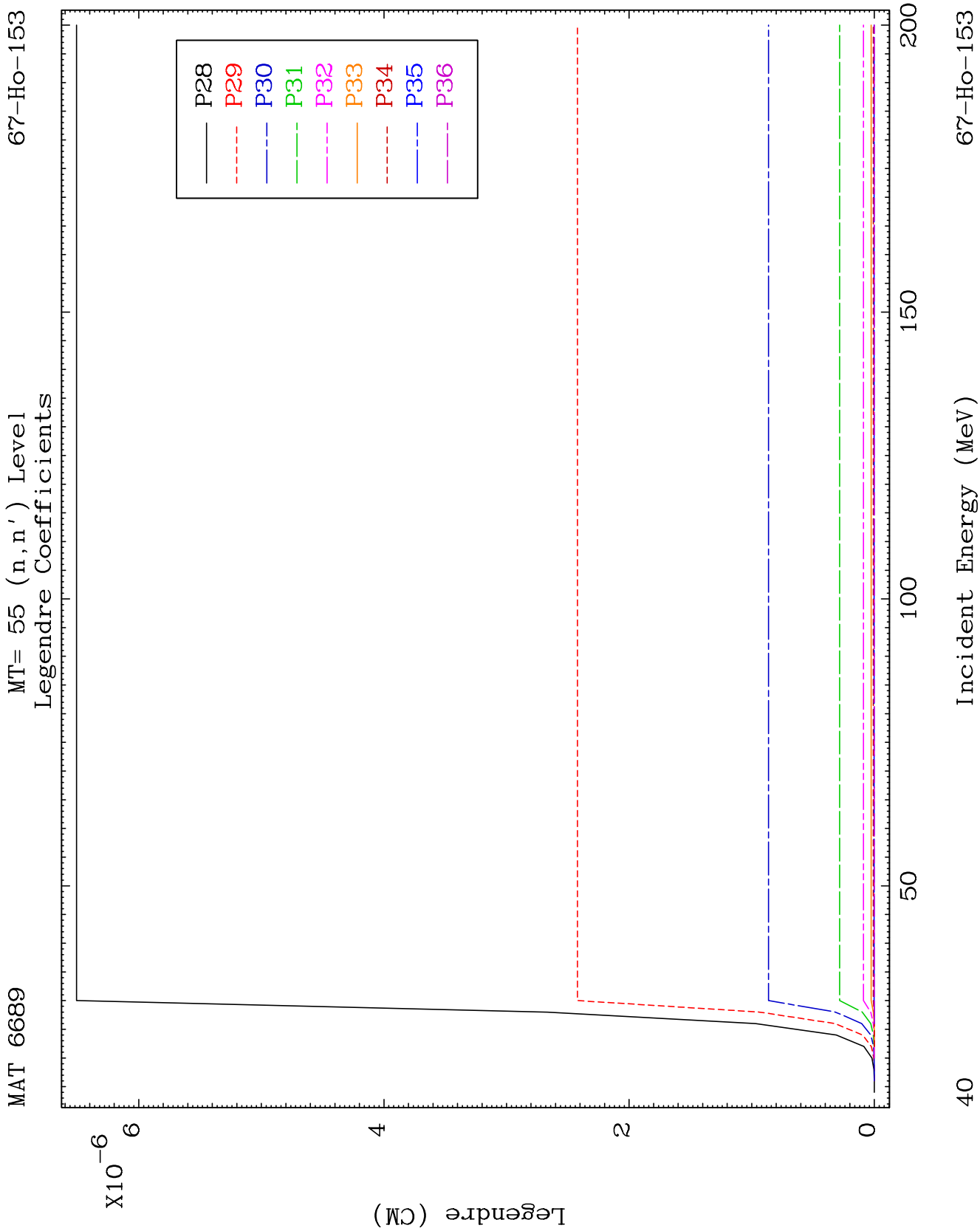


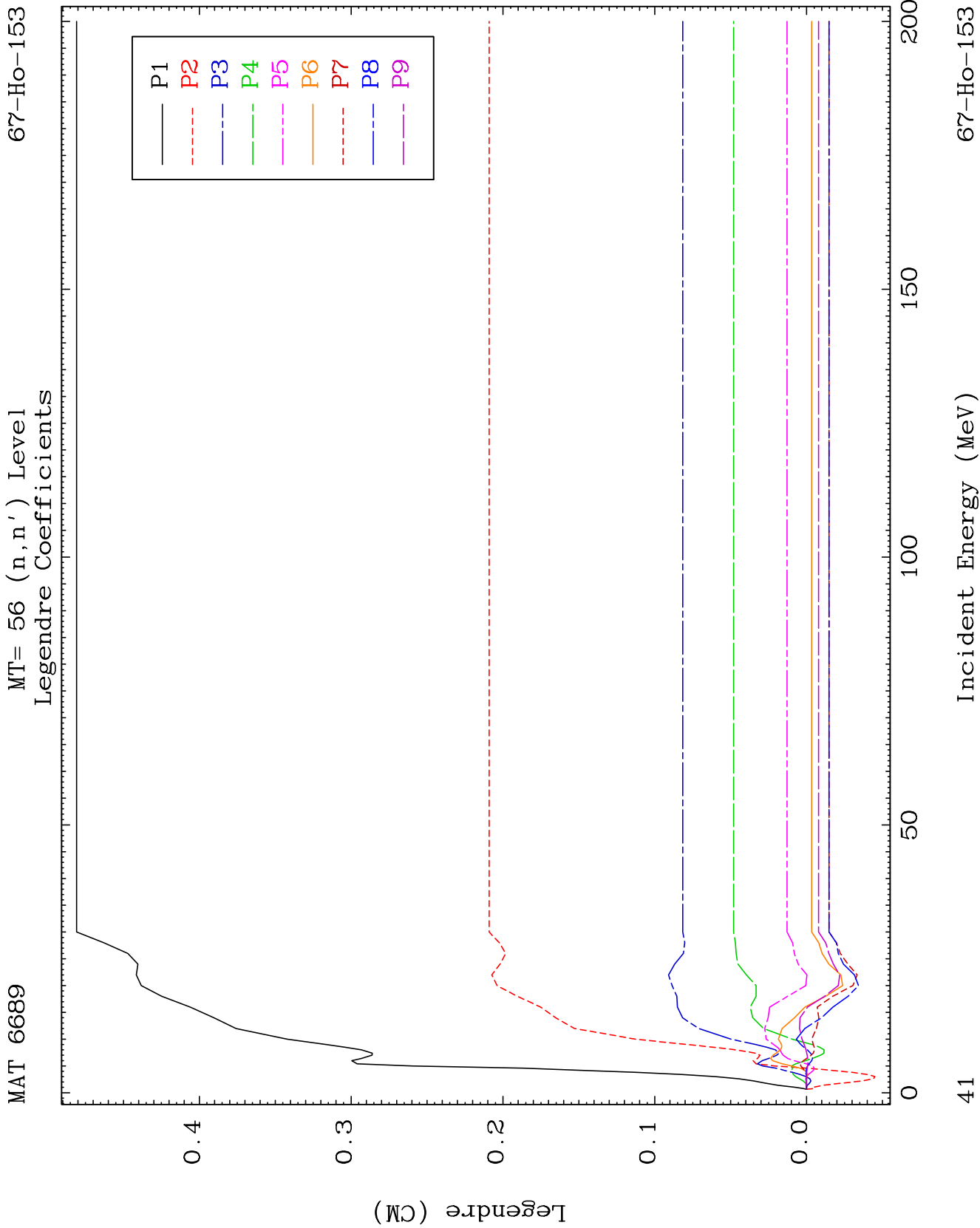
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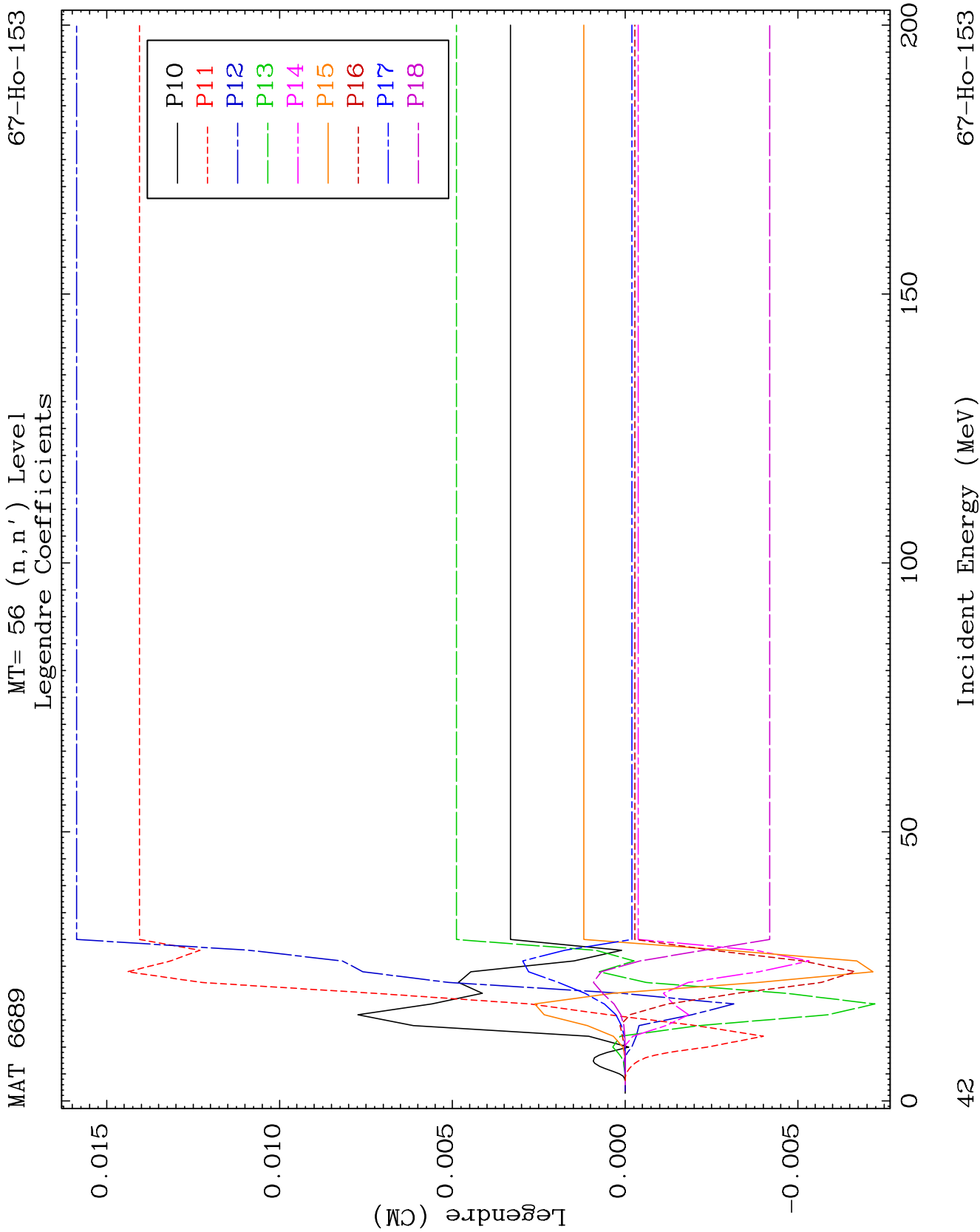
Incident Energy (MeV)

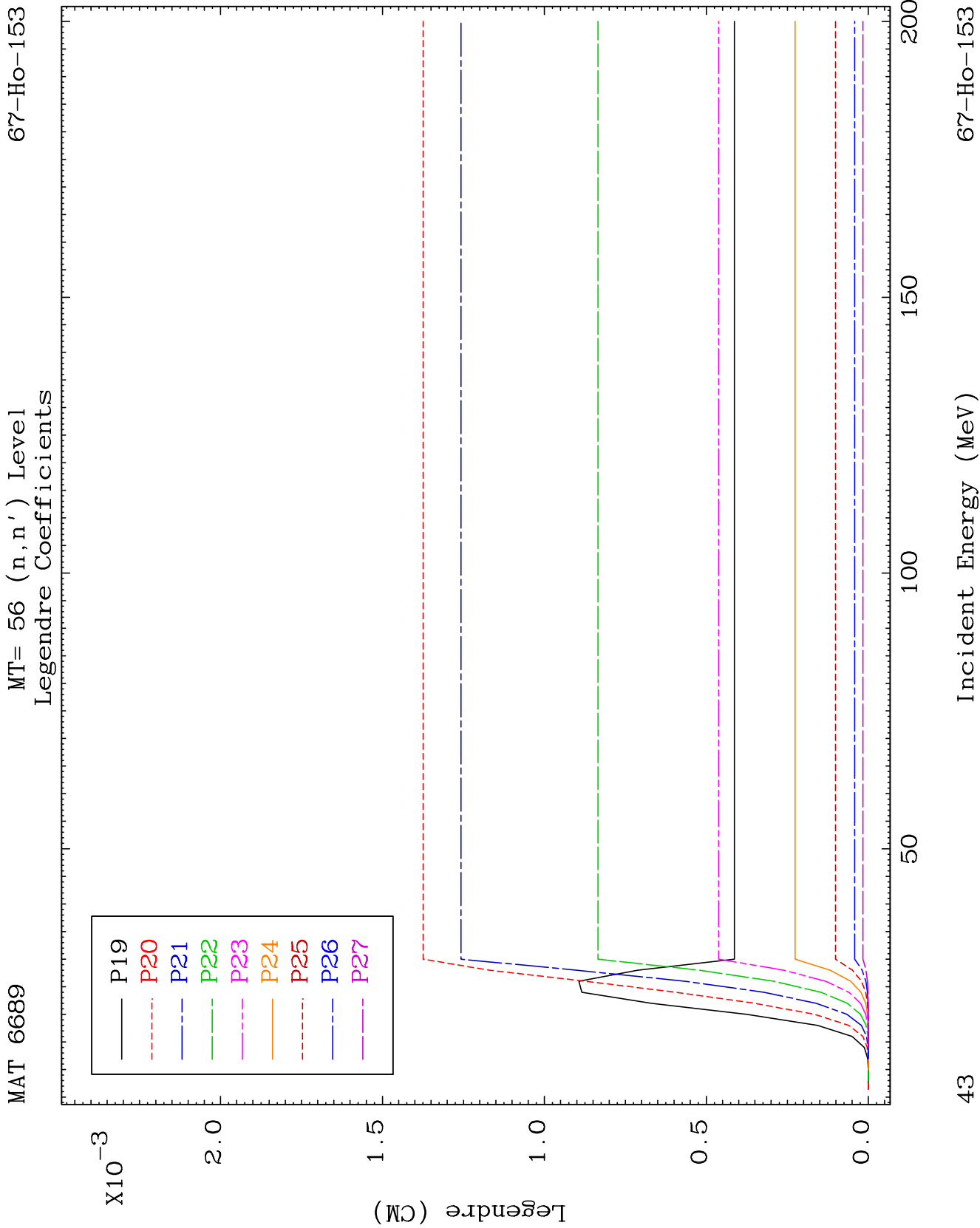
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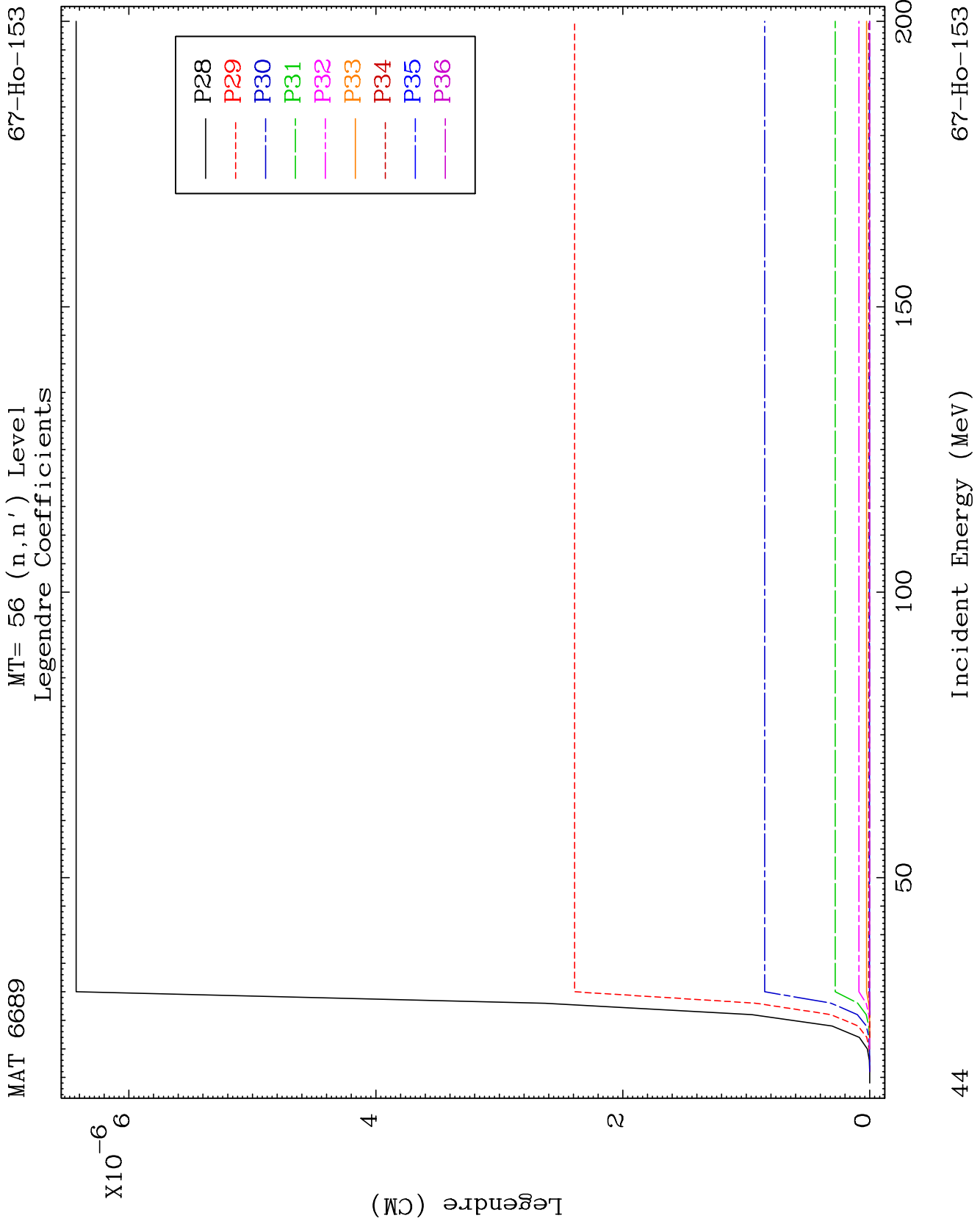








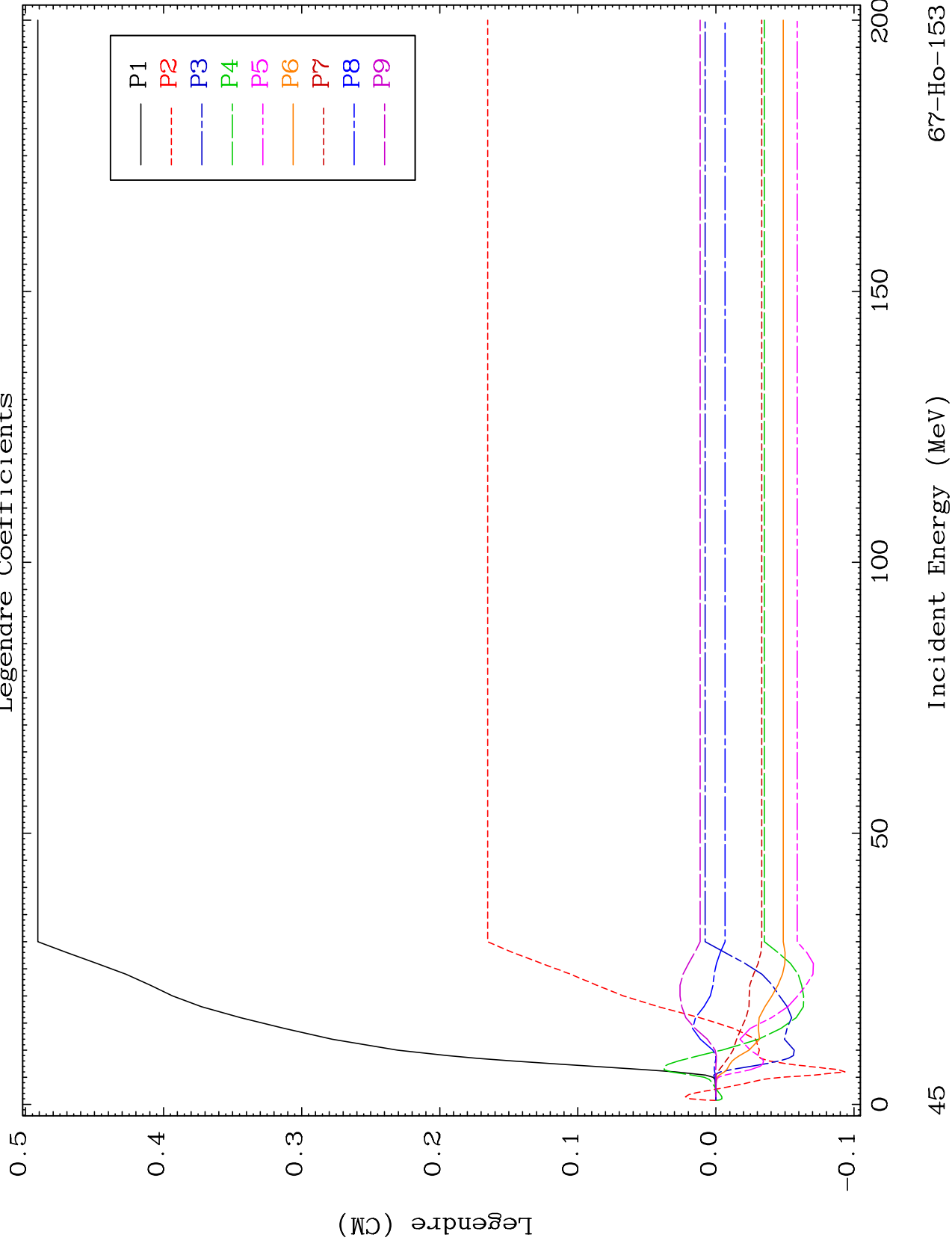


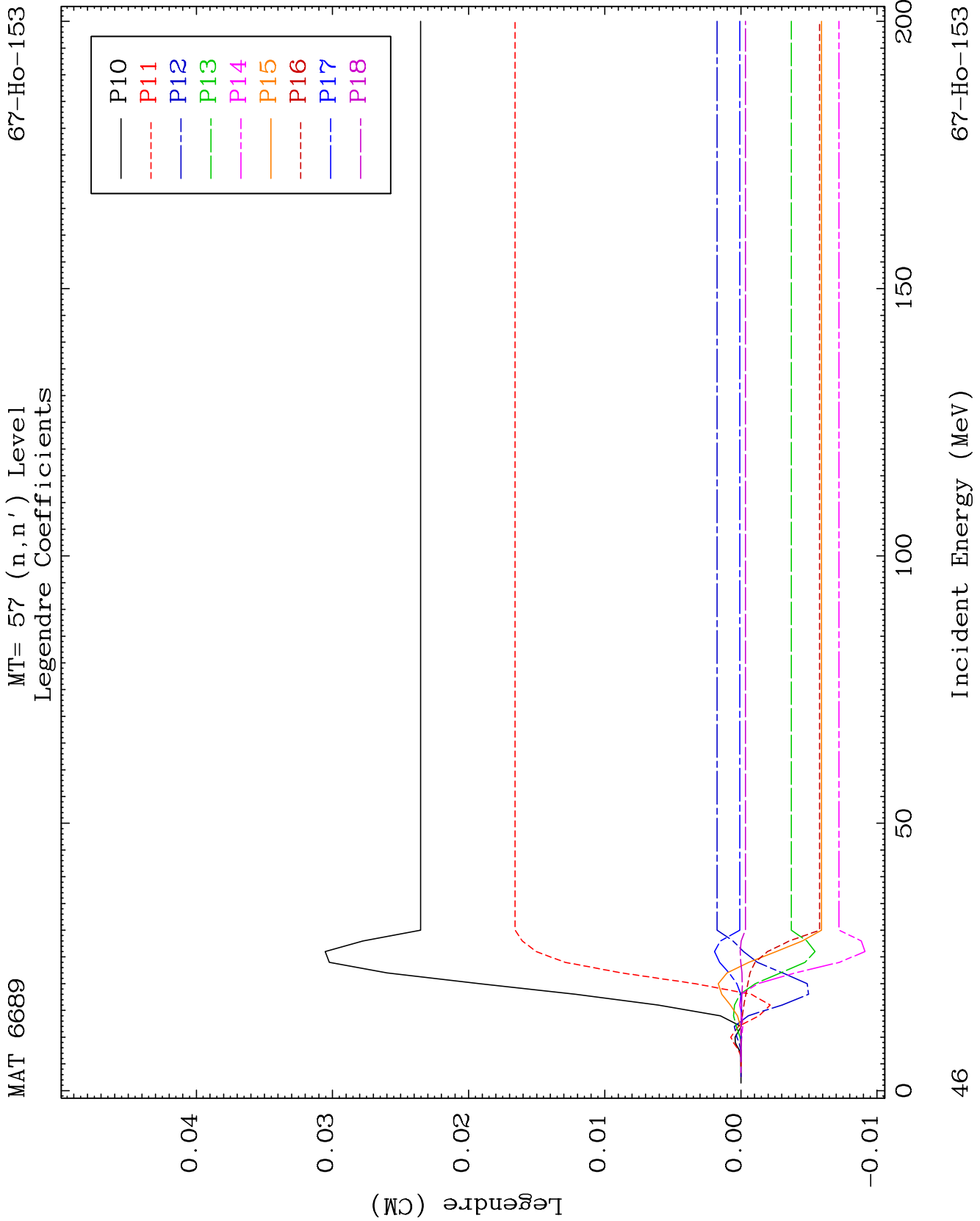


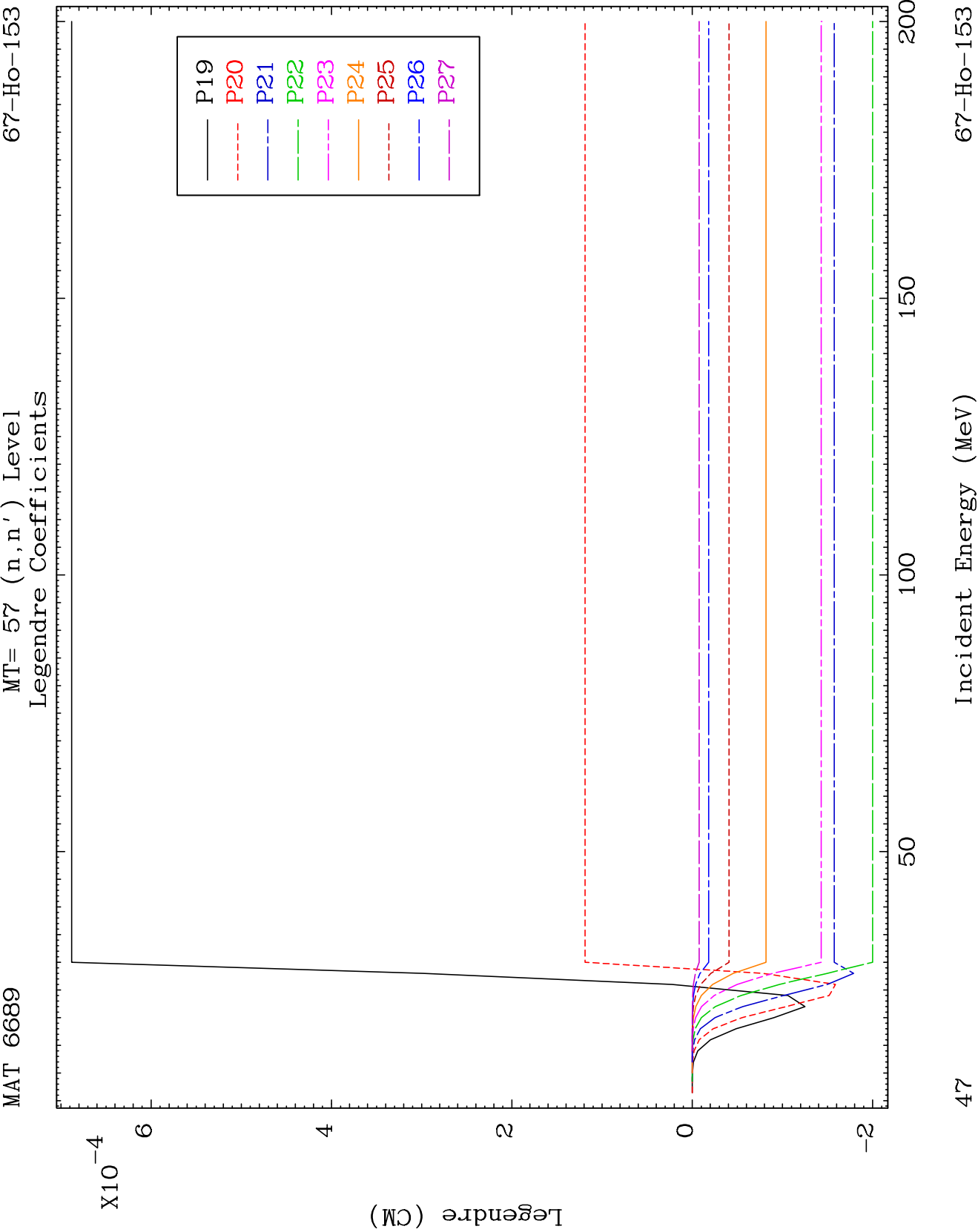
MAT 6689

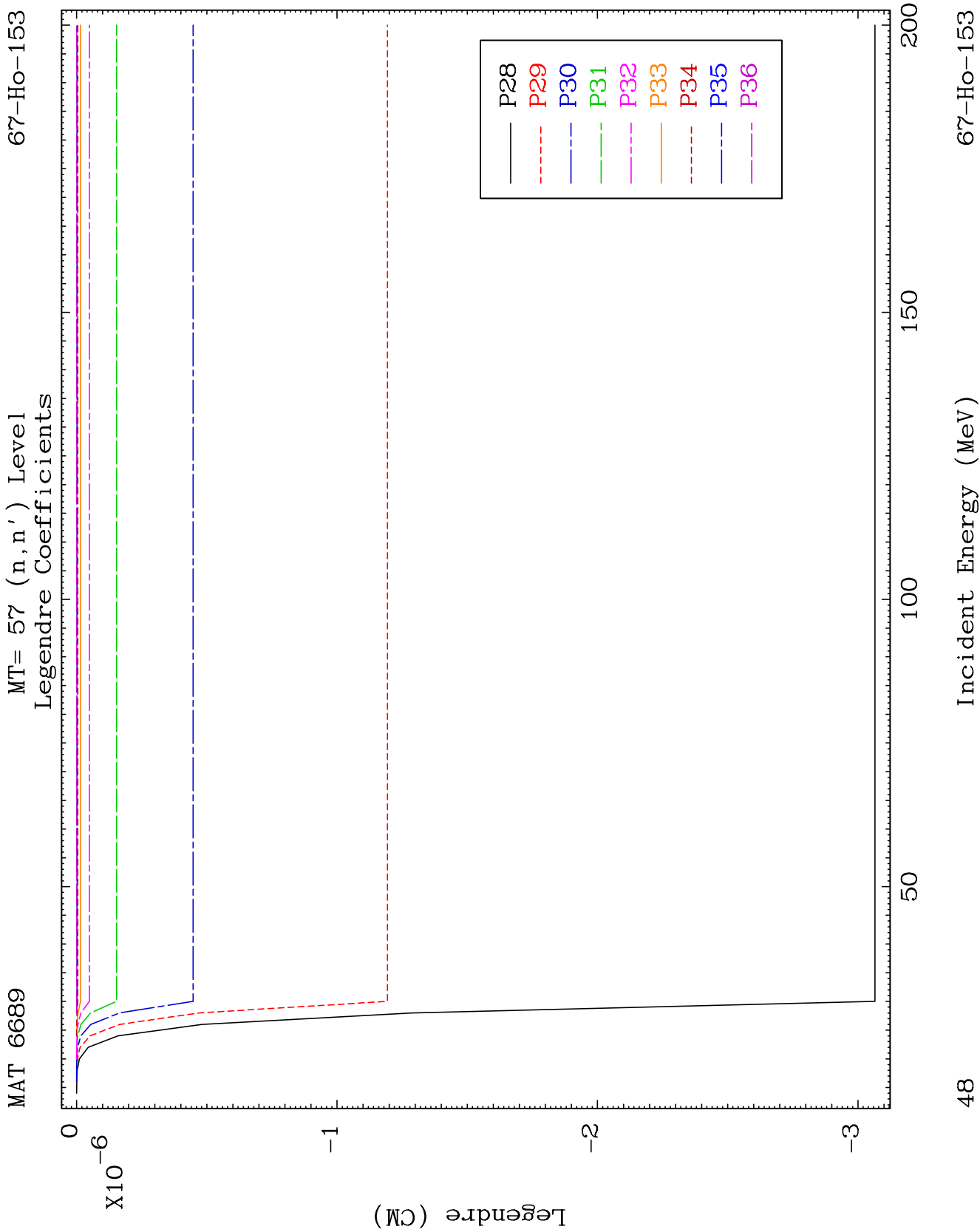
MT= 57 (n, n') Level
Legendre Coefficients

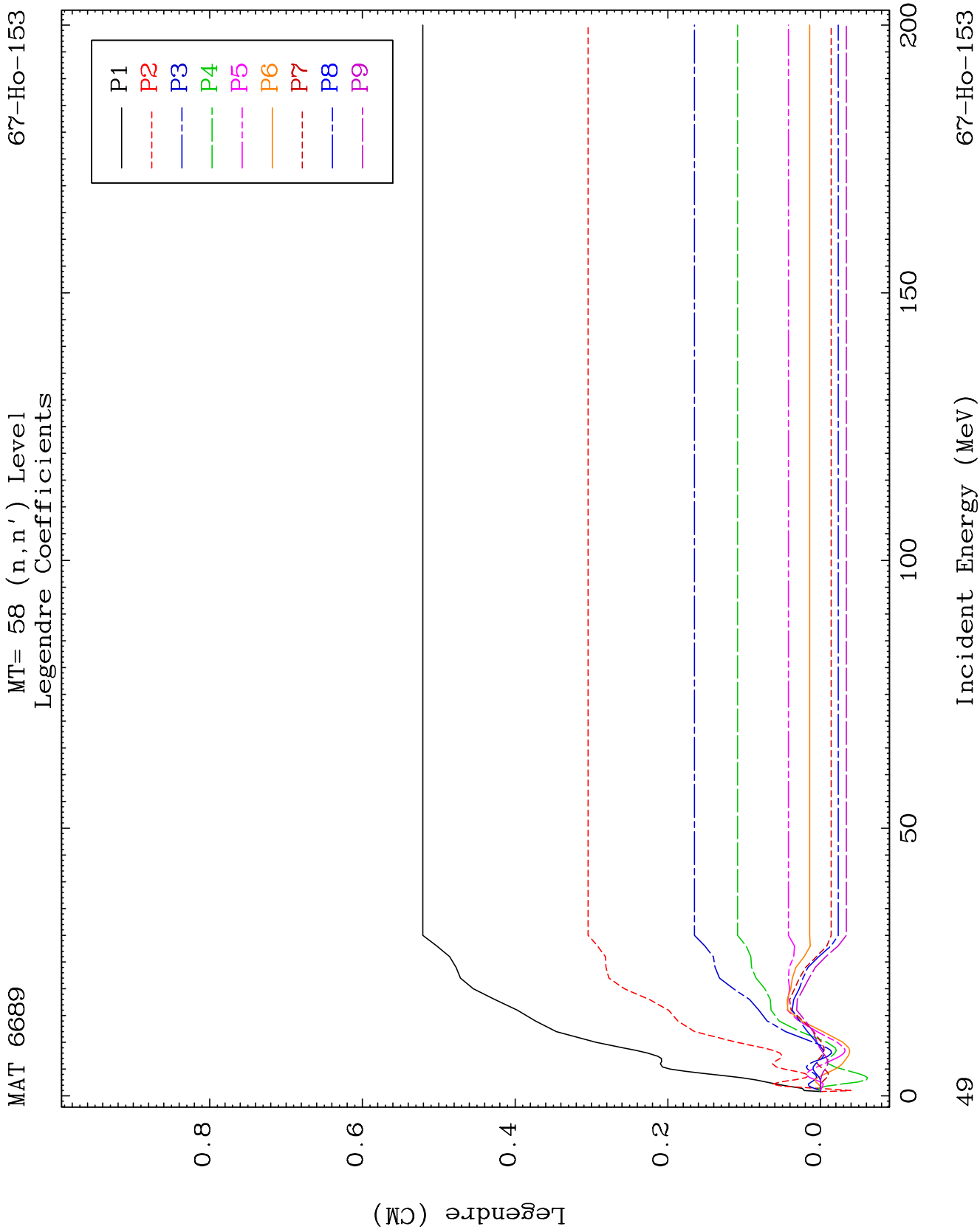
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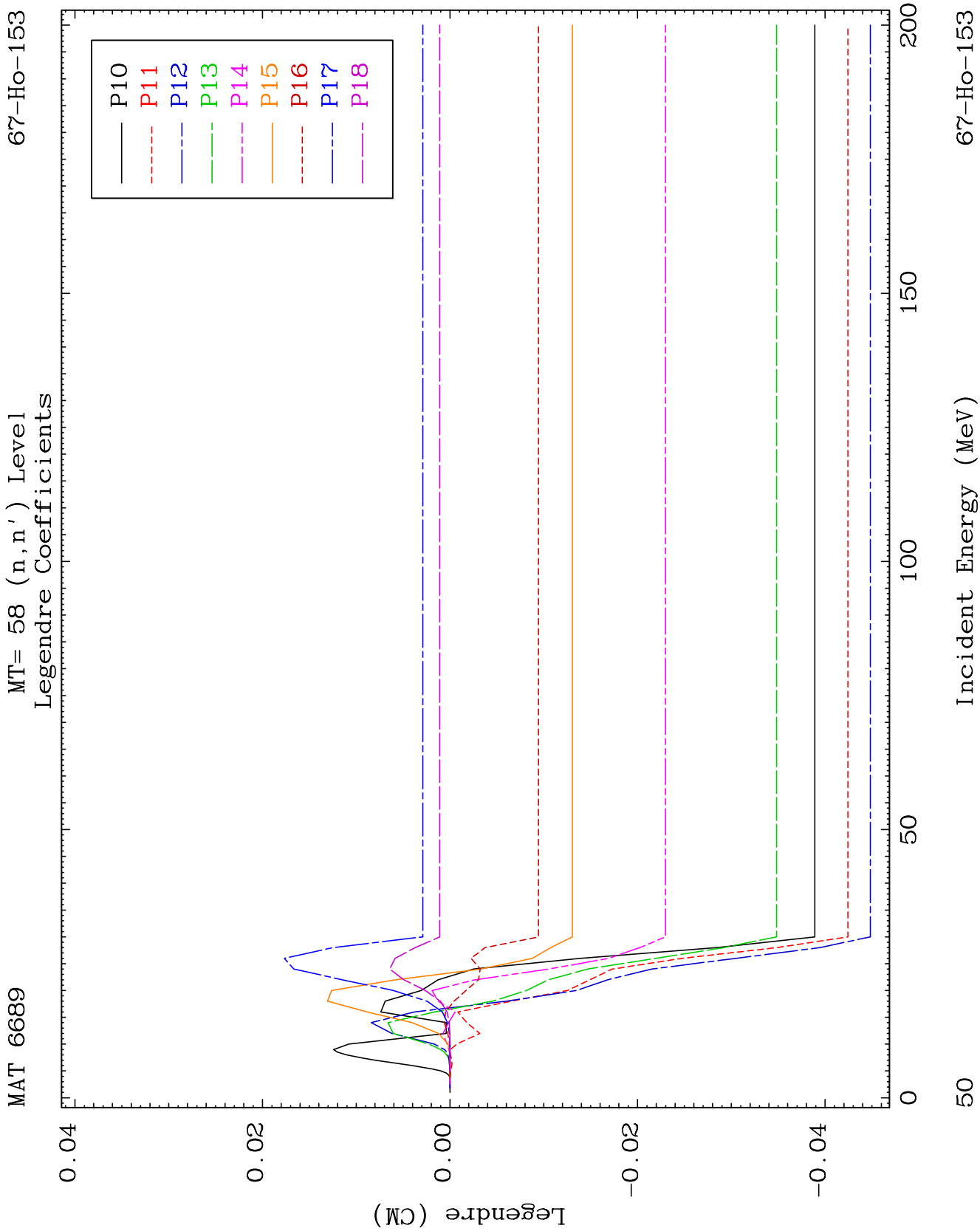








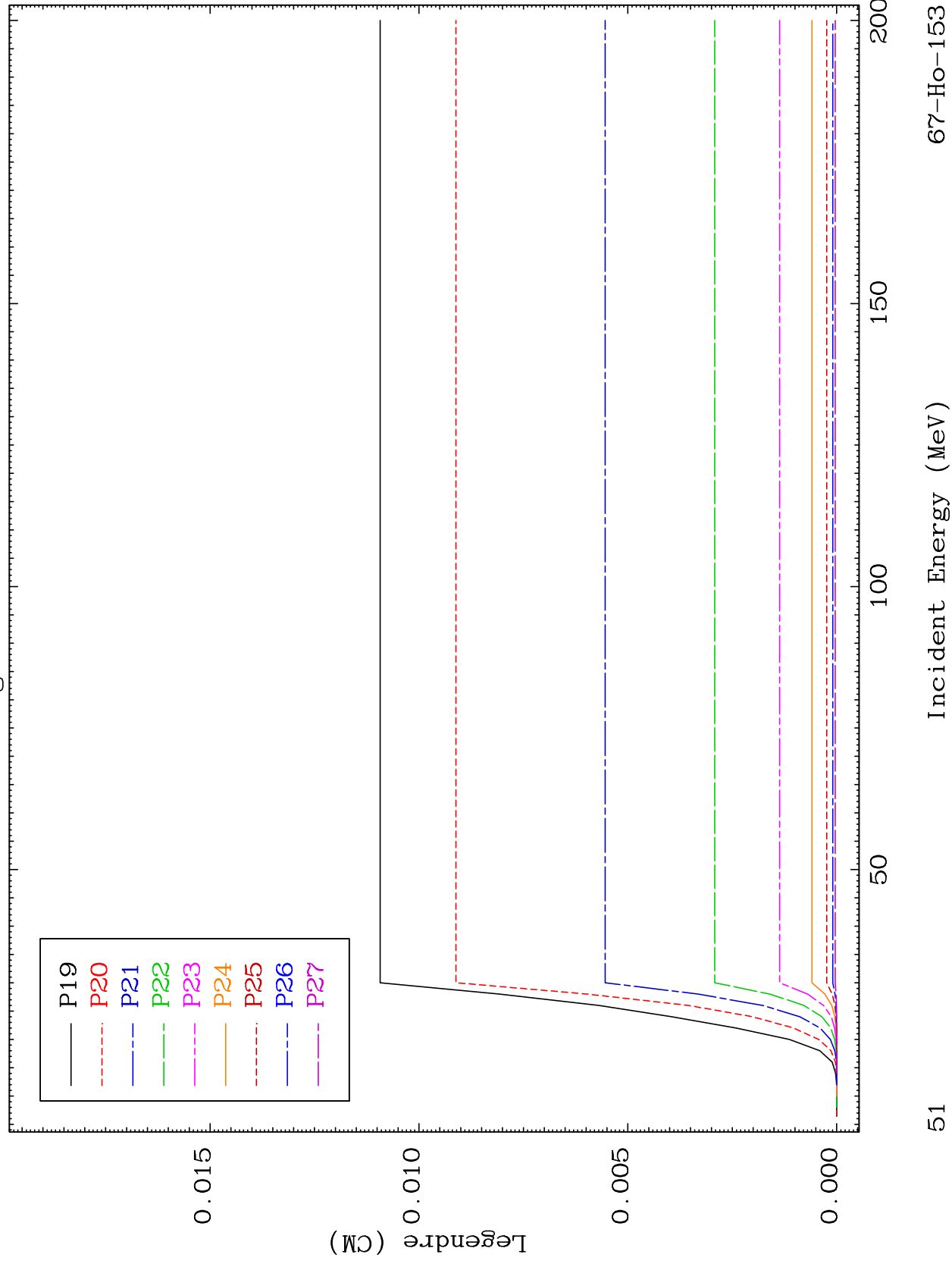


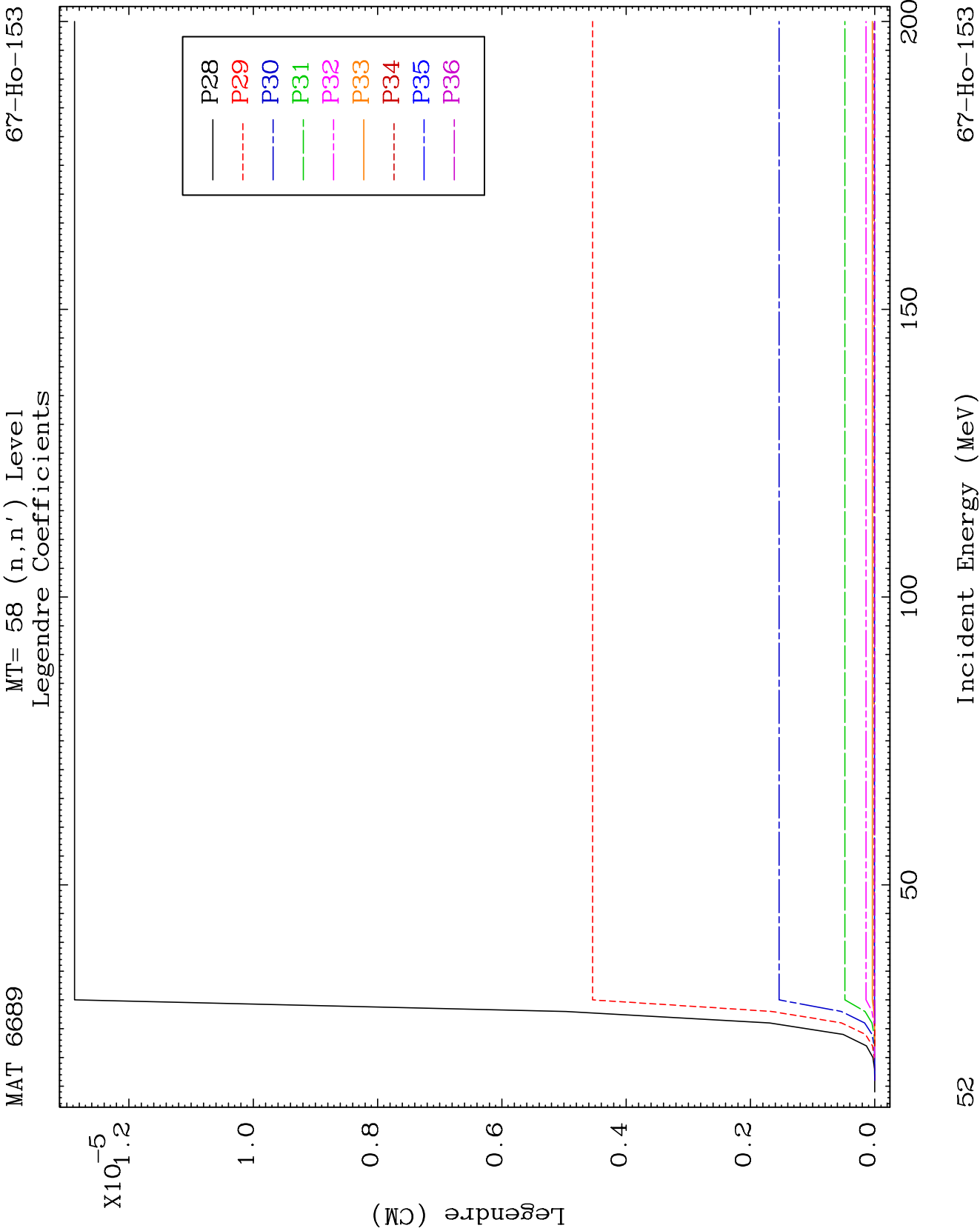


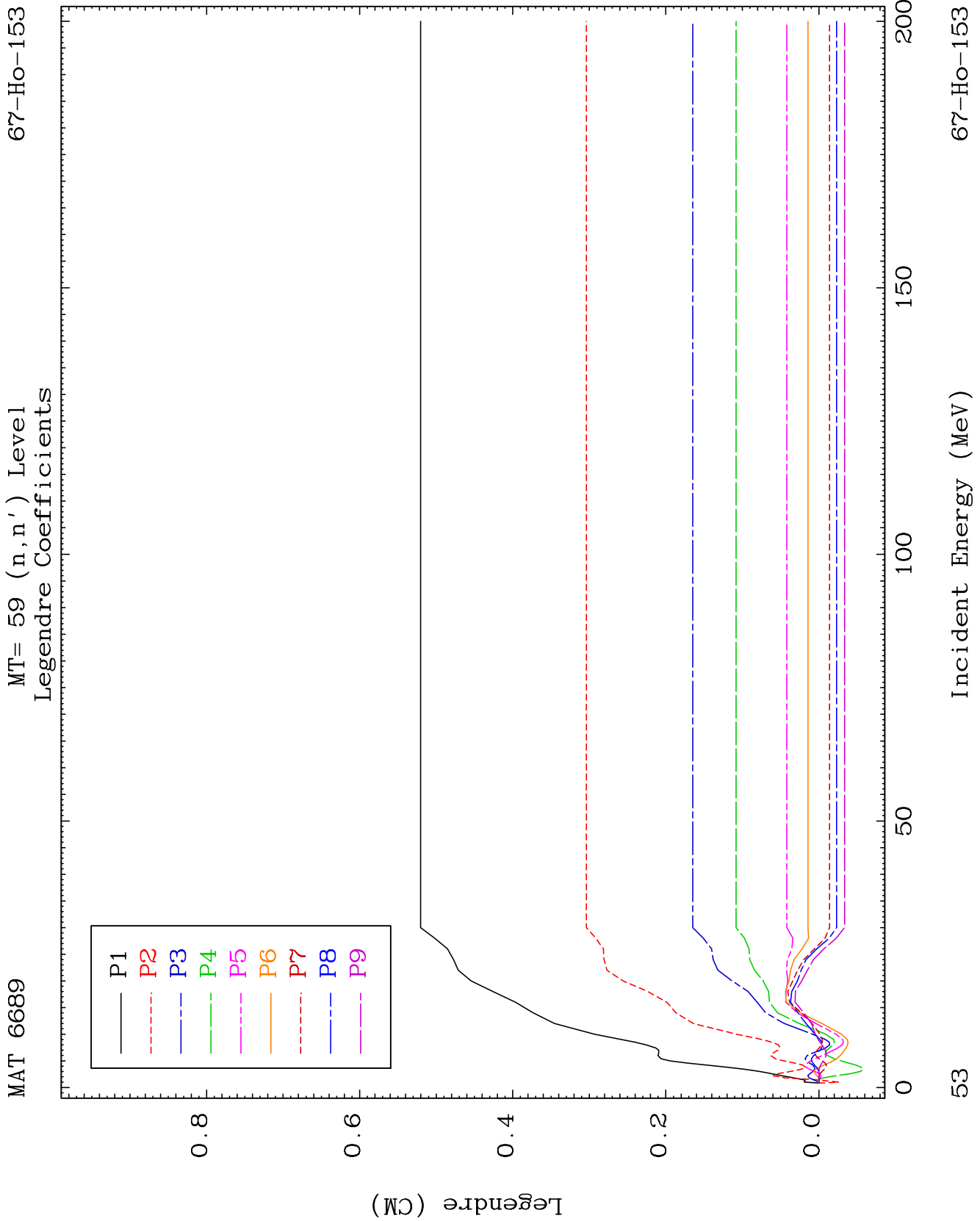
MAT 6689

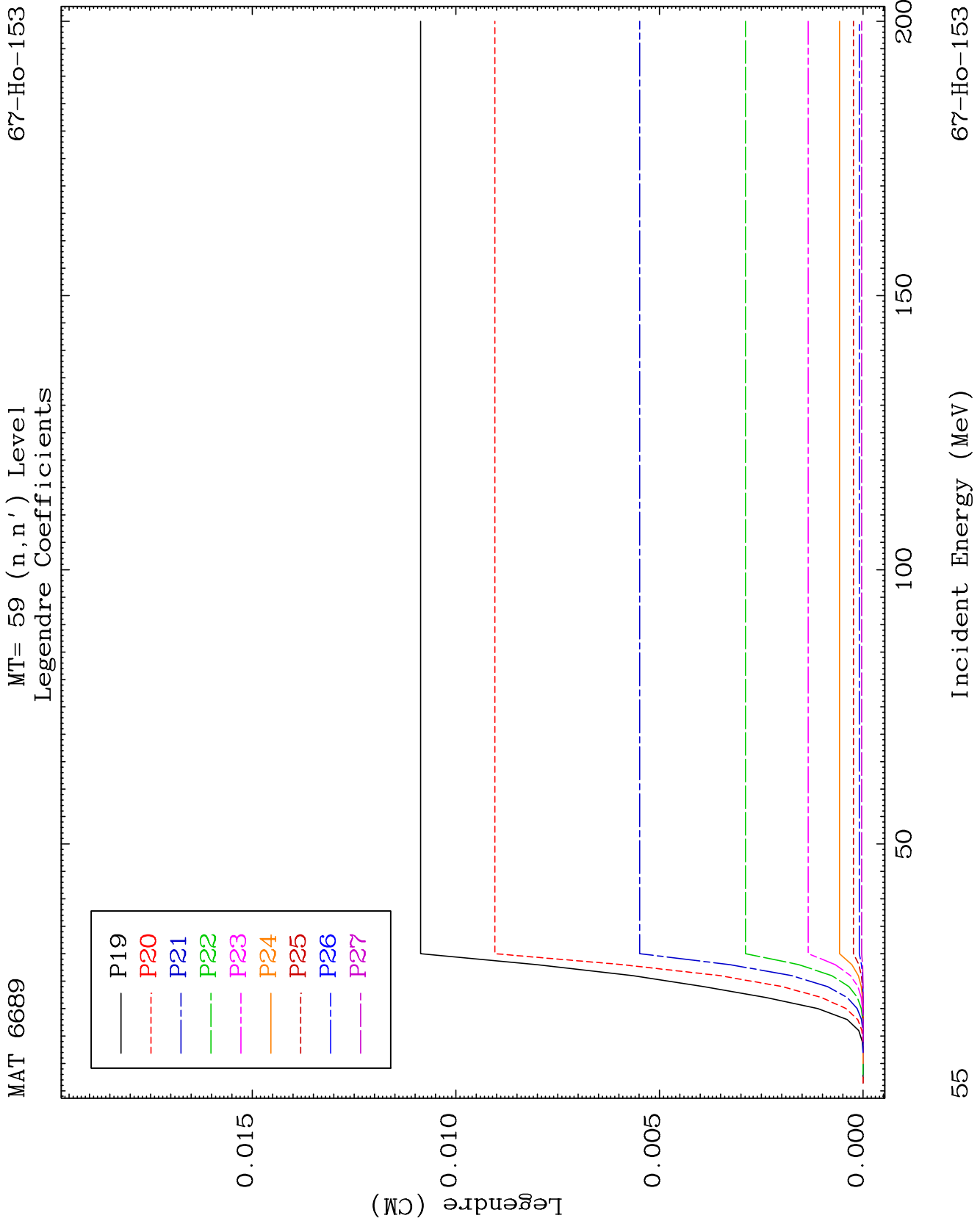
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Legendre Coefficients

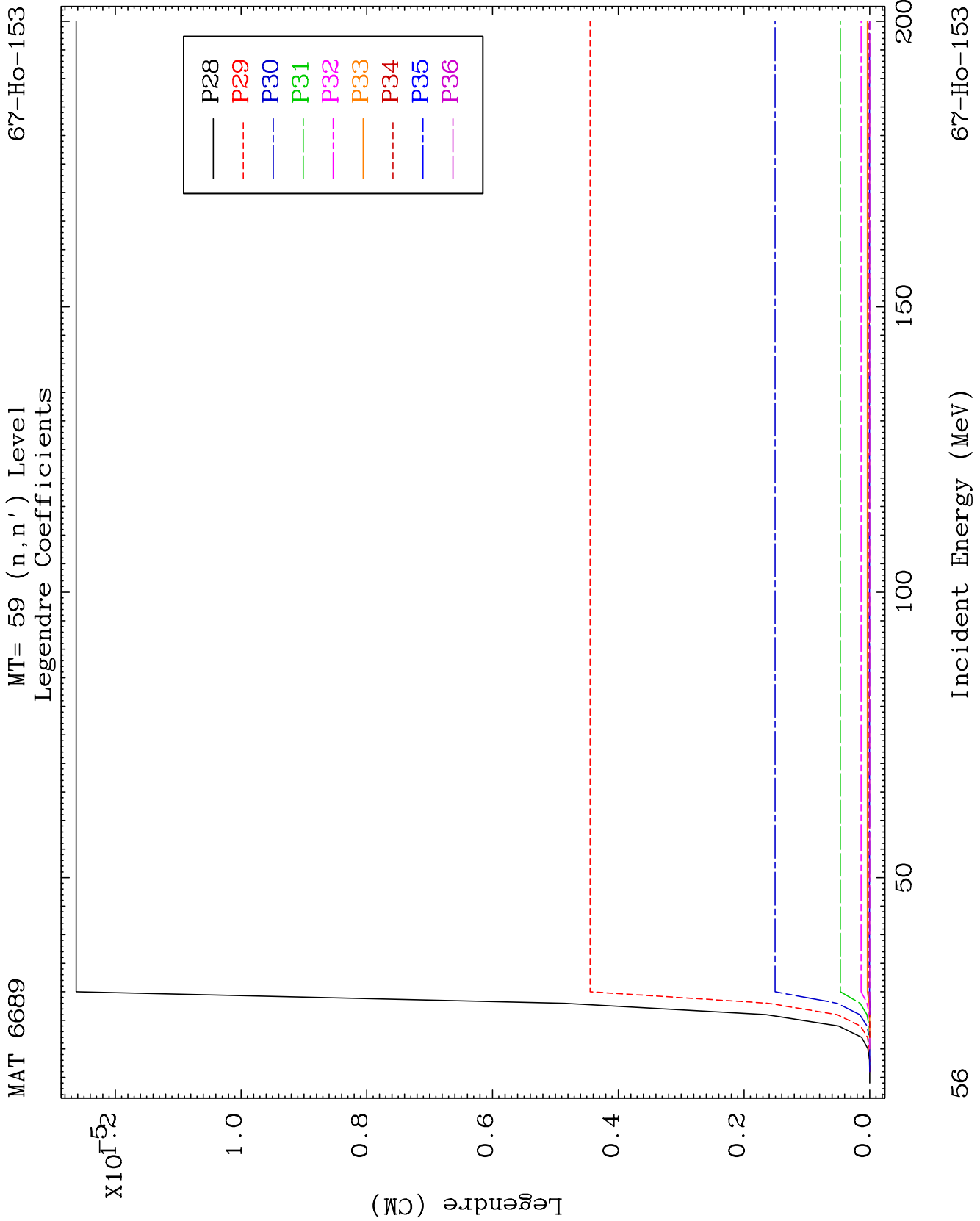
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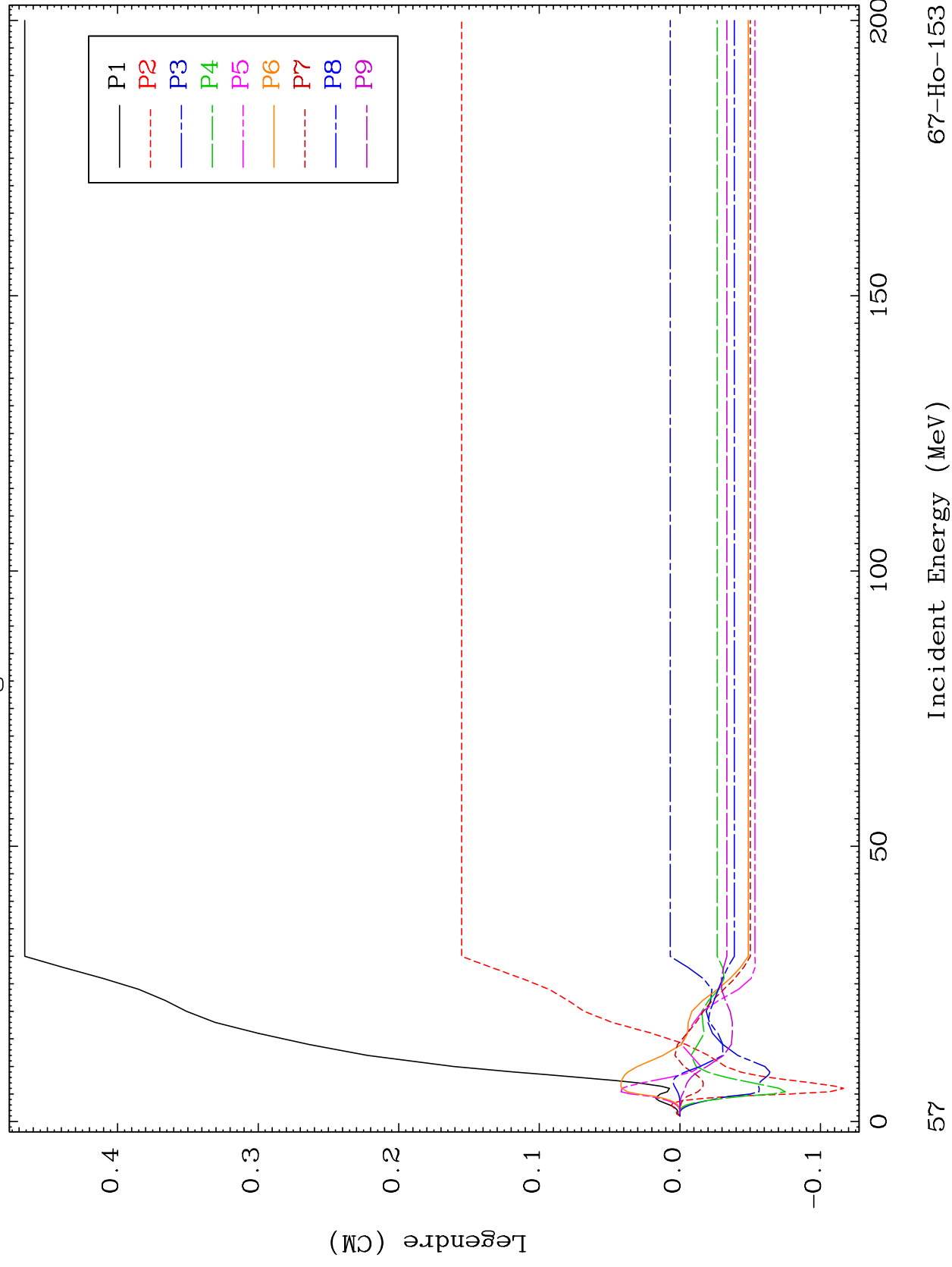




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MT= 60 (n, n') Level
Legendre Coefficients

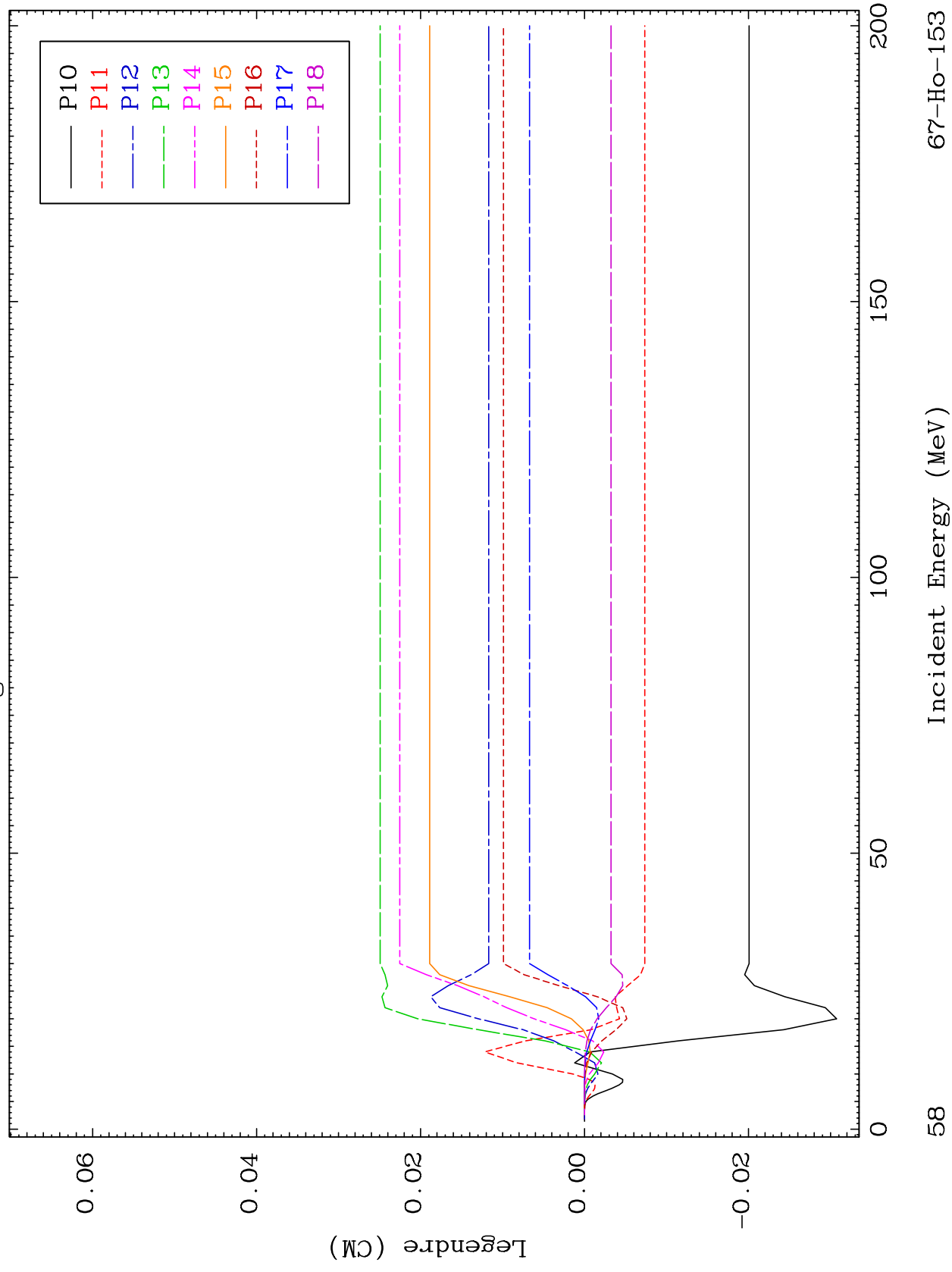
67-Ho-153



MAT 6689

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

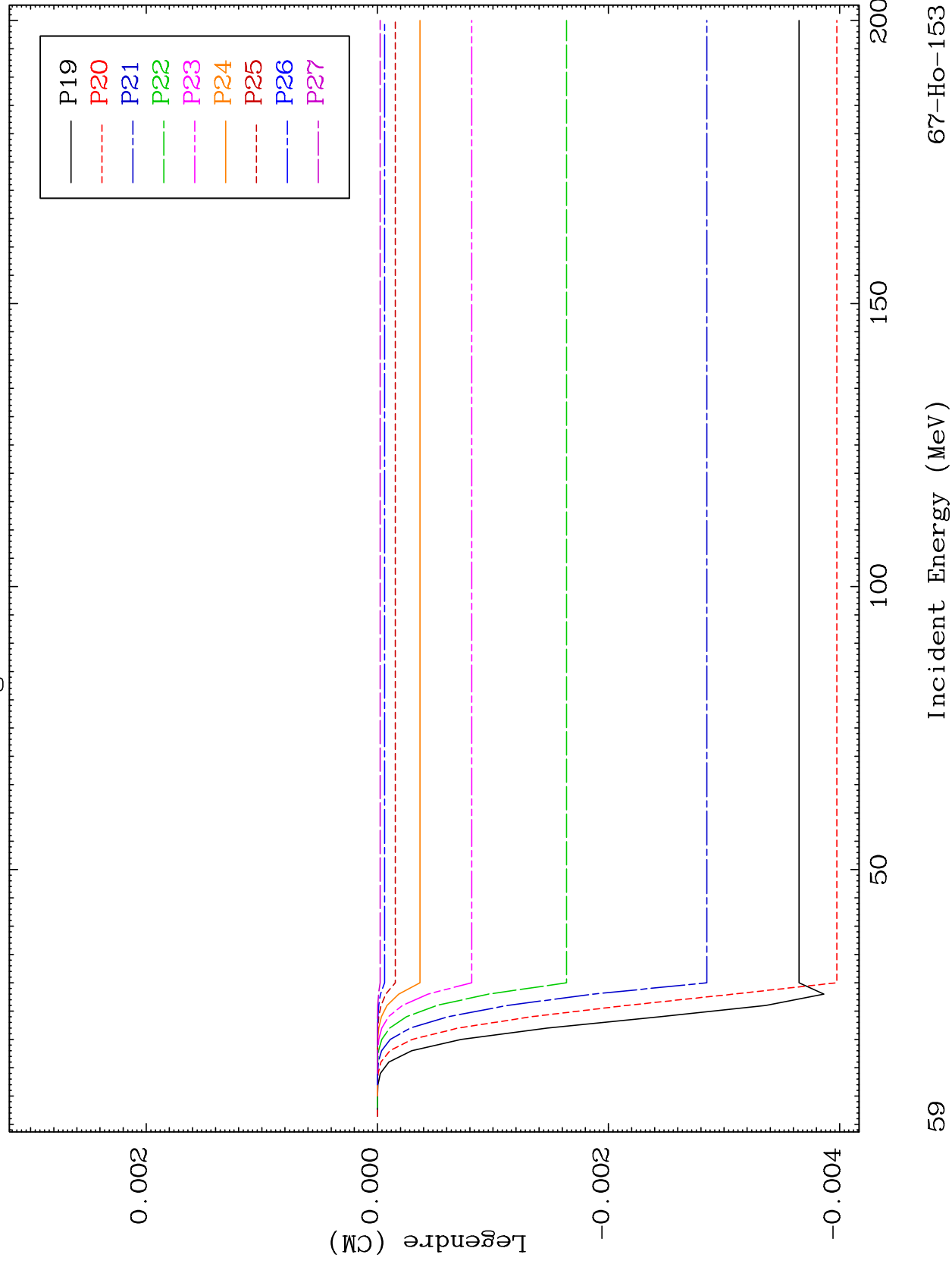
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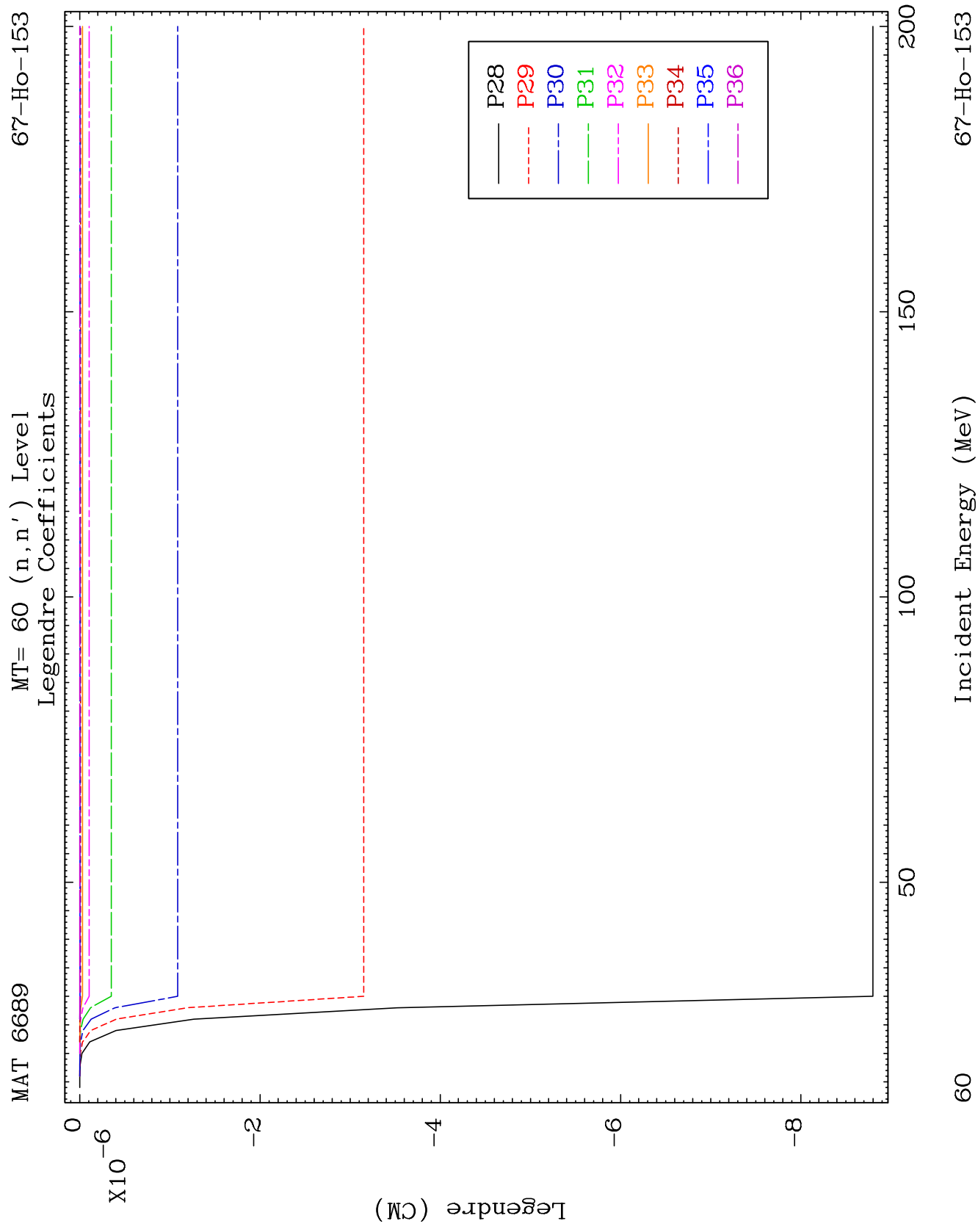


MAT 6689

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

67-Ho-153

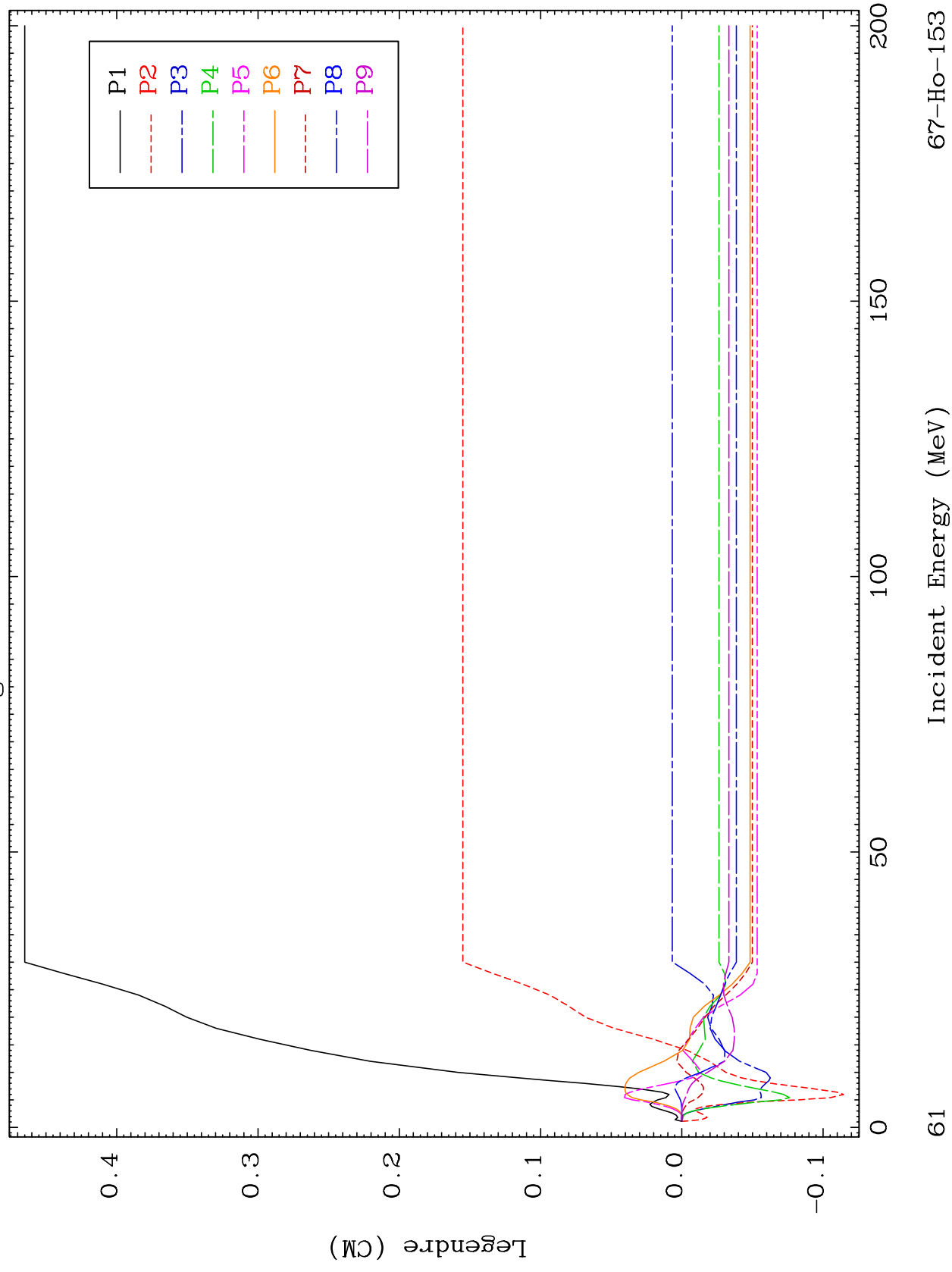




MAT 6689

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

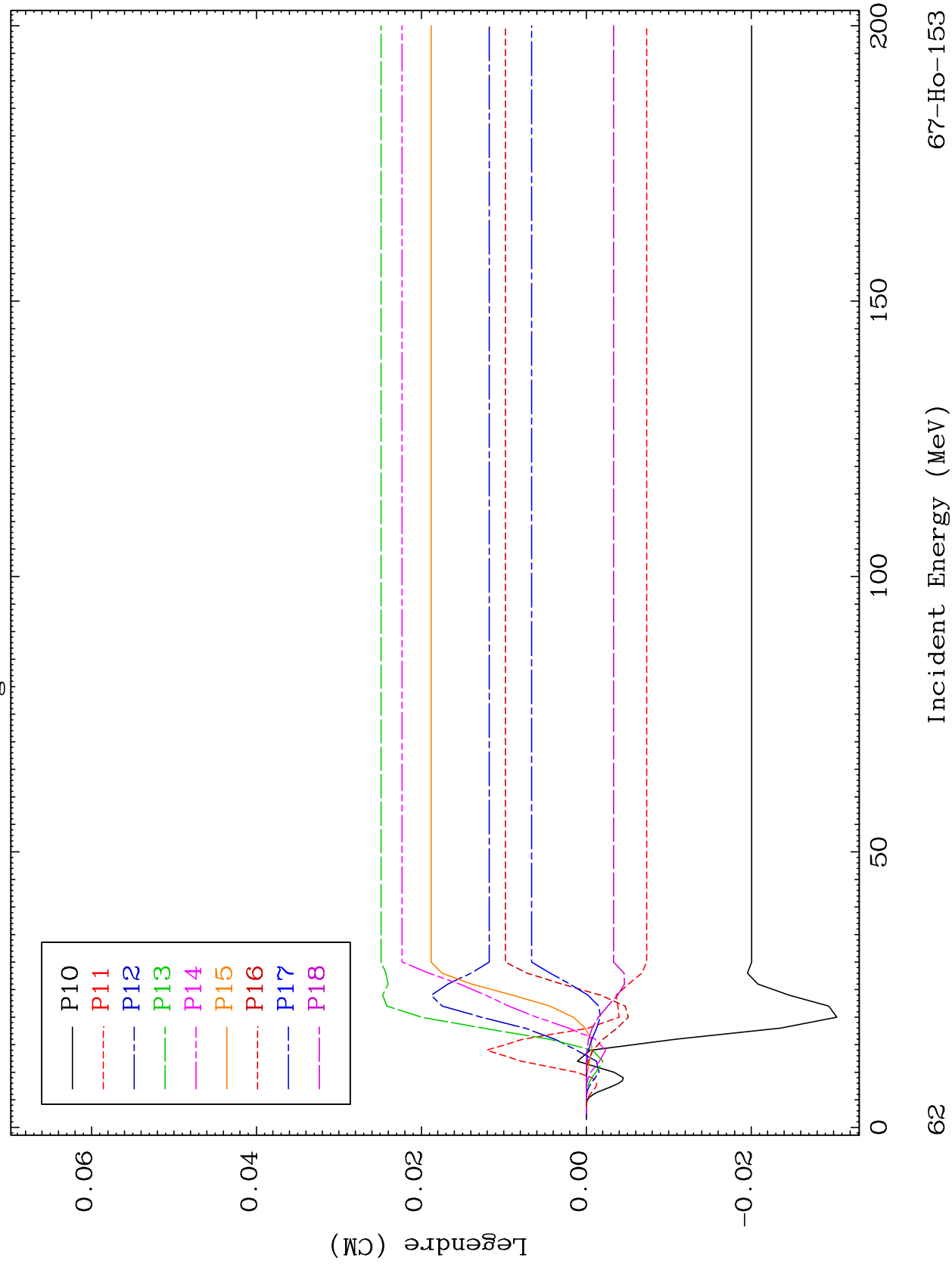
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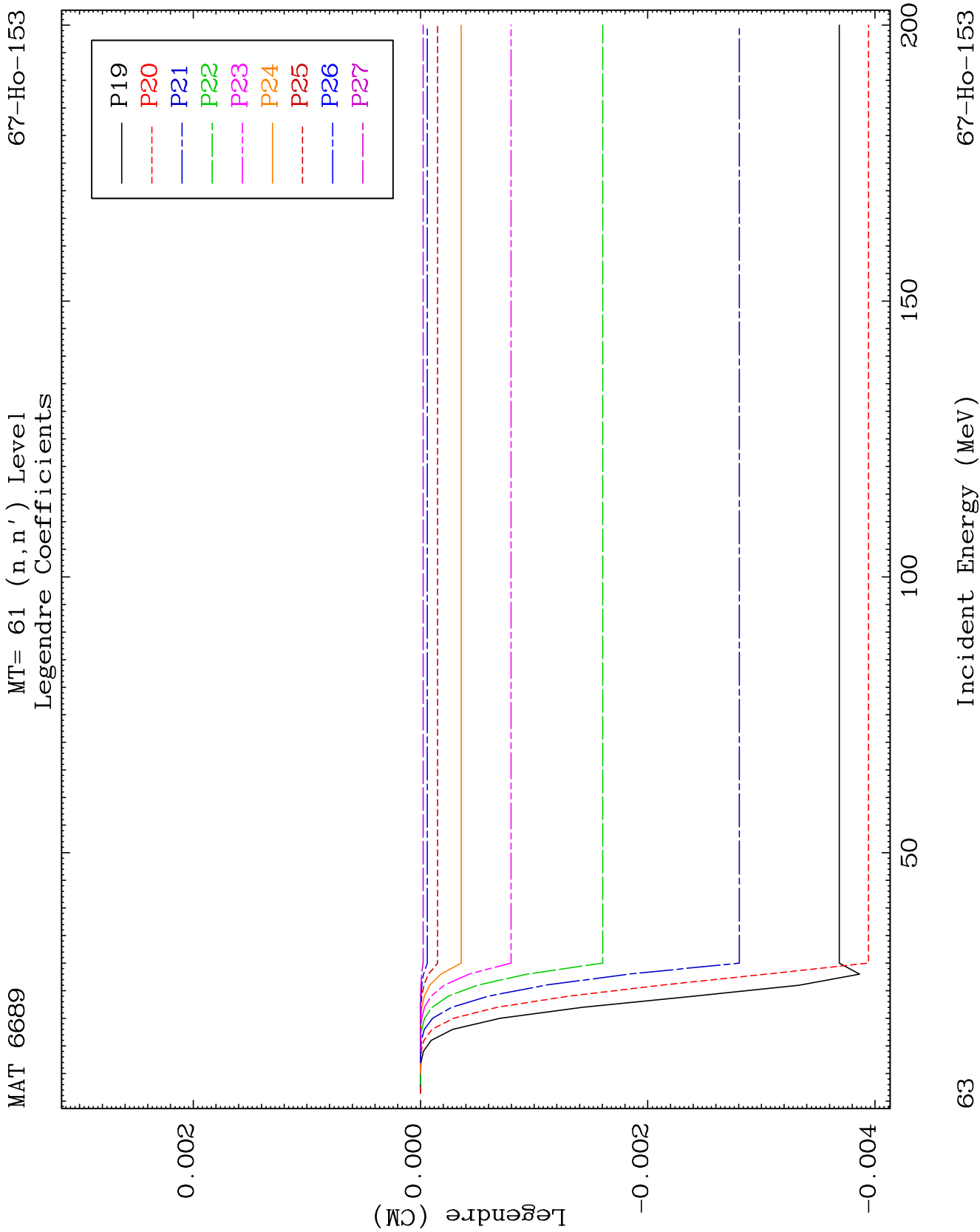


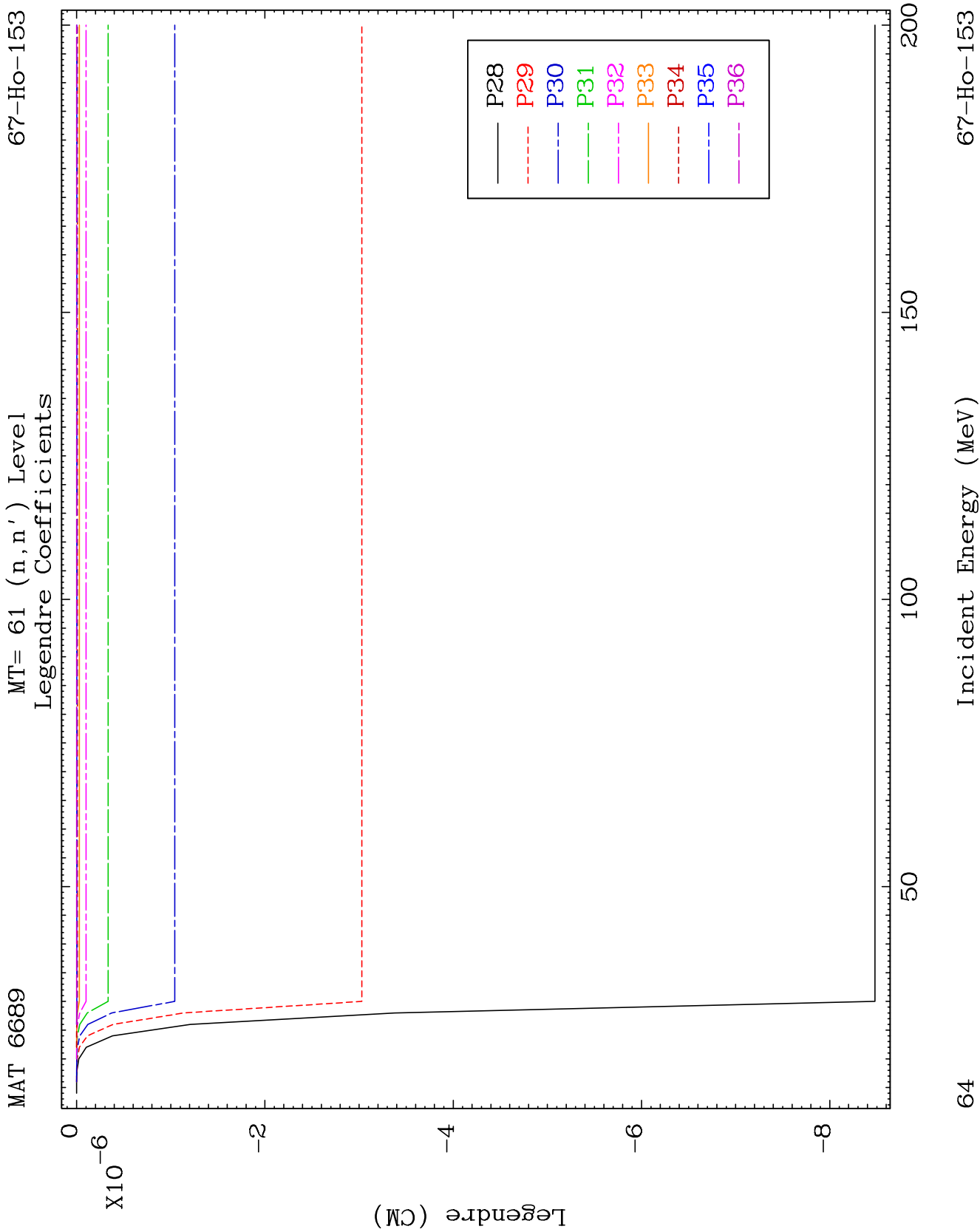
MAT 6689

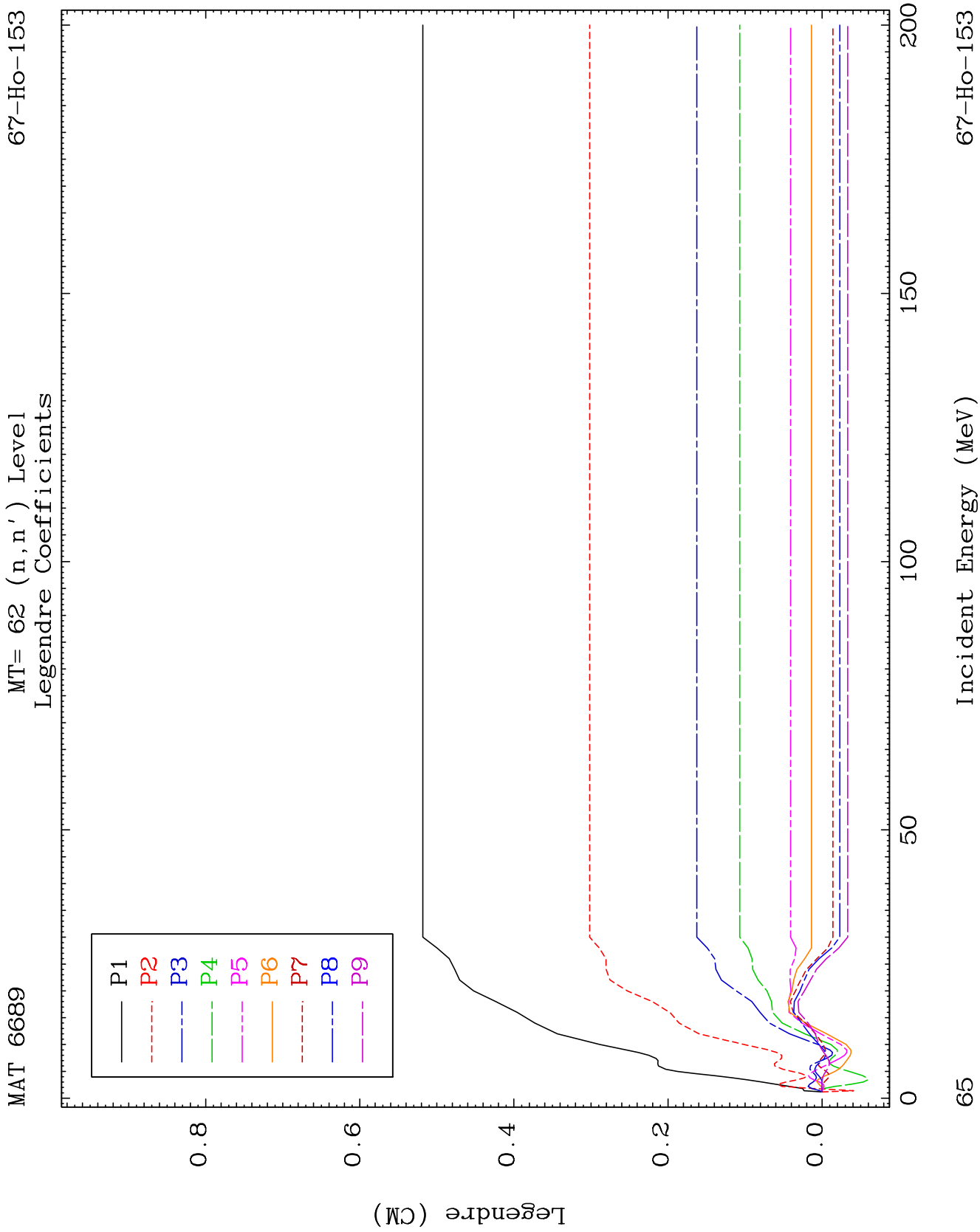
MT= 61 (n, n') Level
Legendre Coefficients

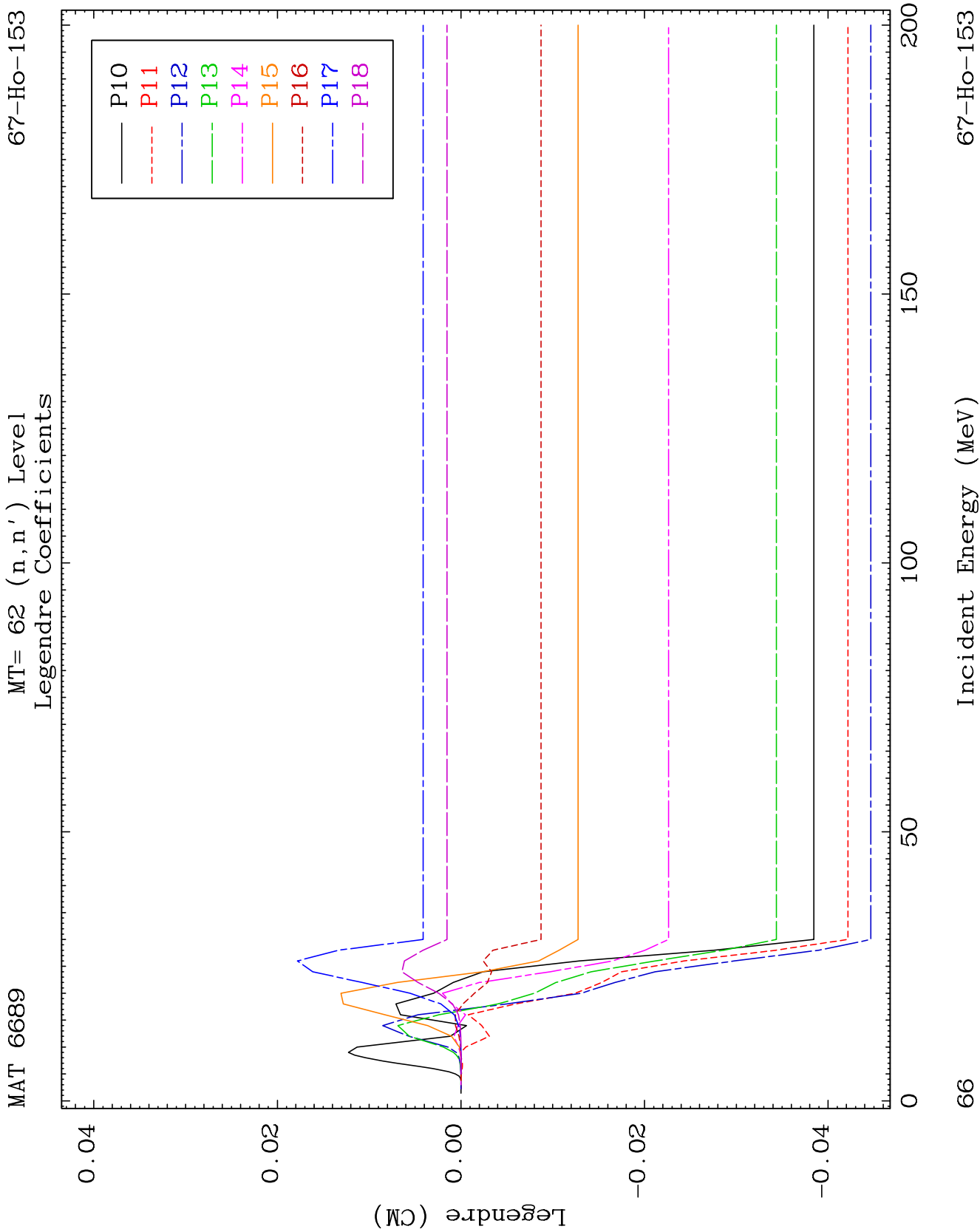
67-Ho-153







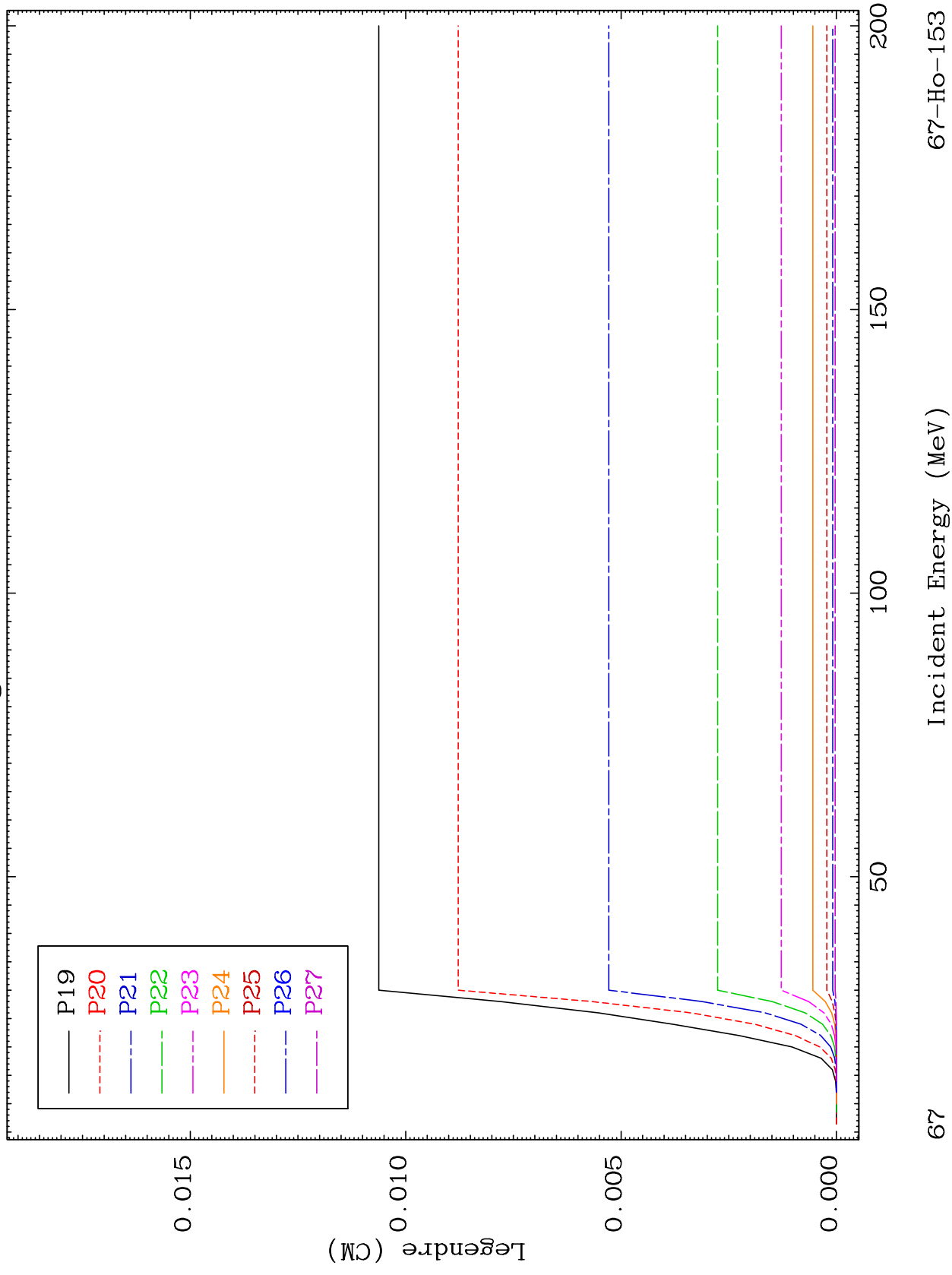


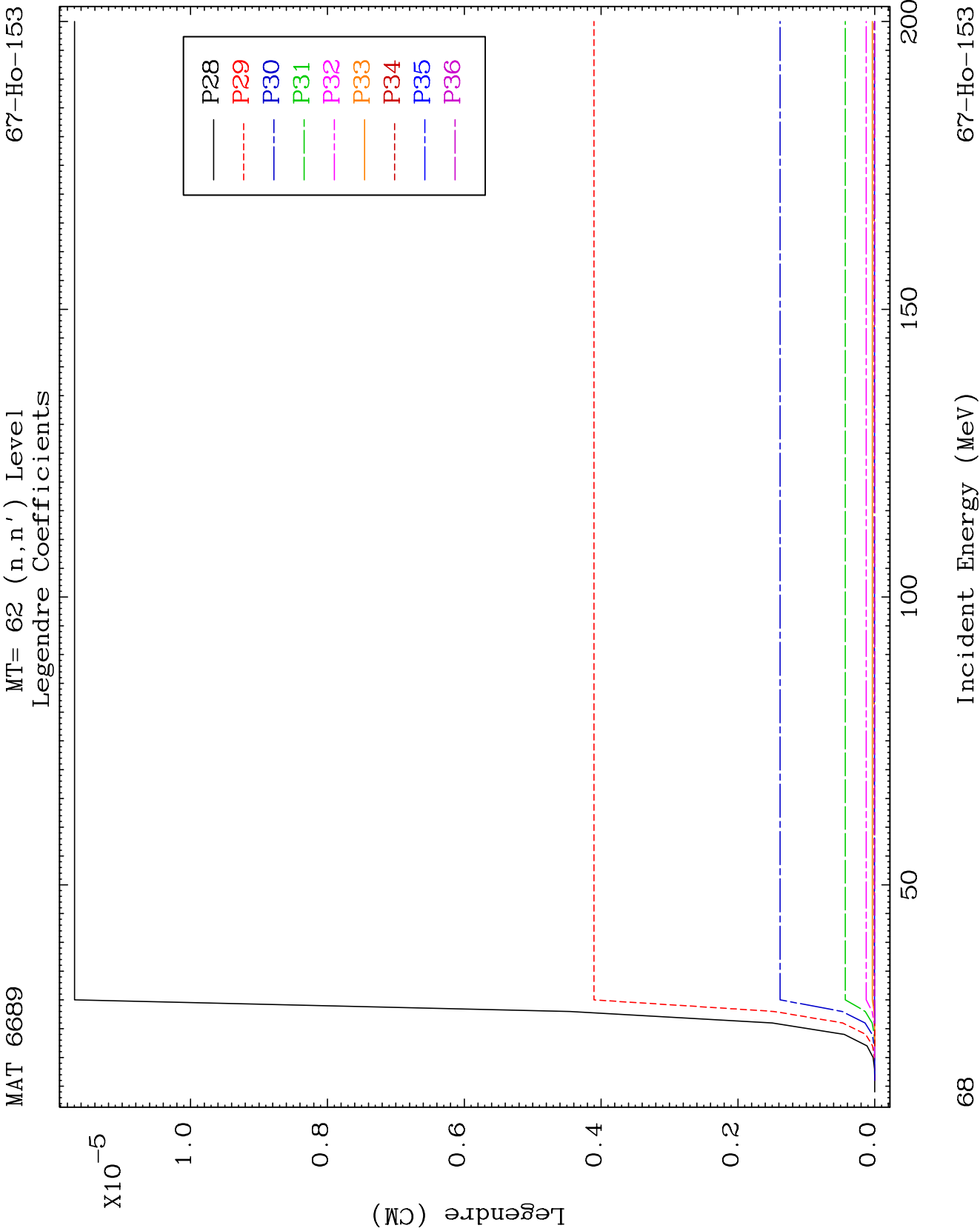


MAT 6689

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

67-Ho-153

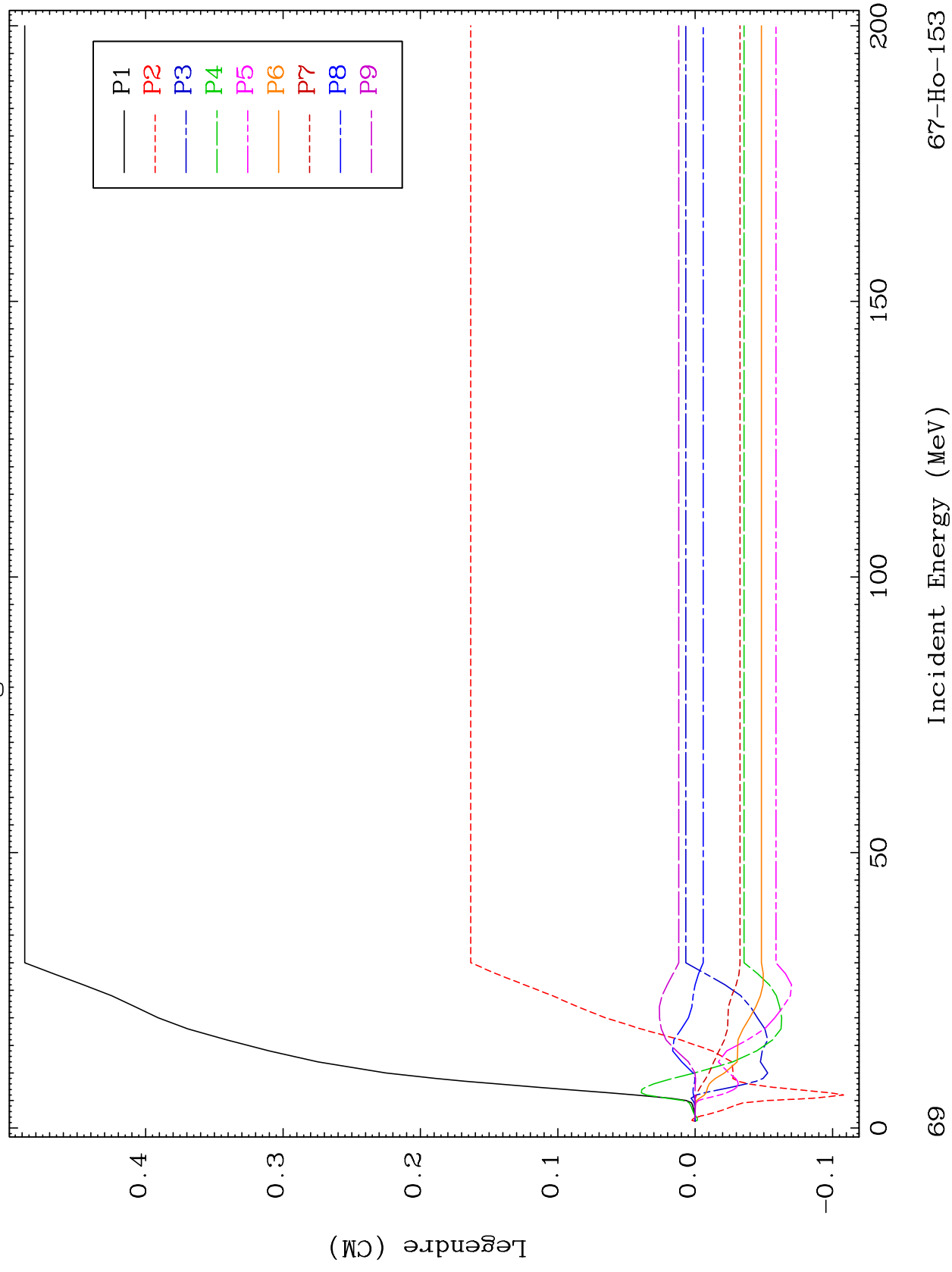




MAT 6689

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

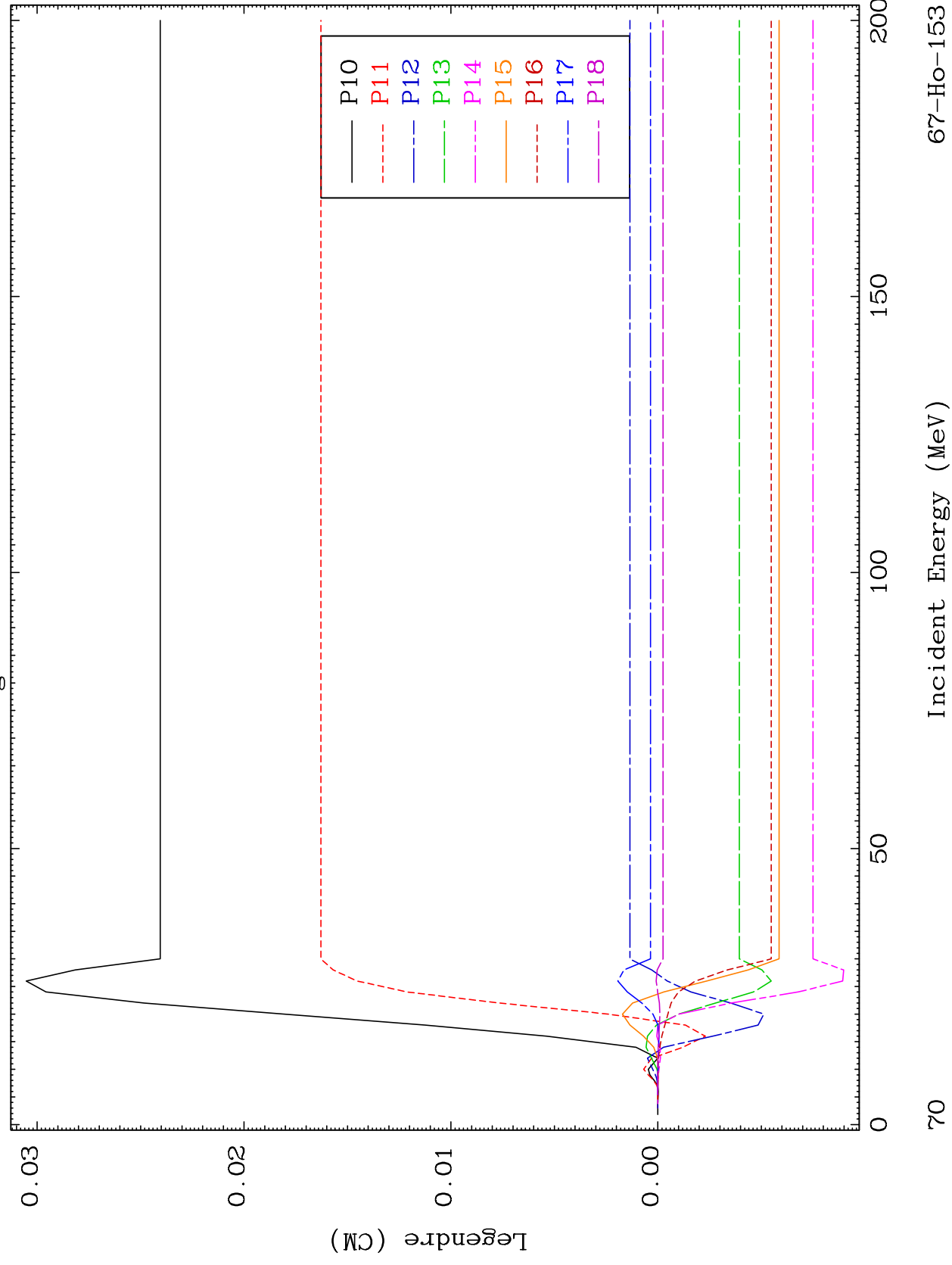
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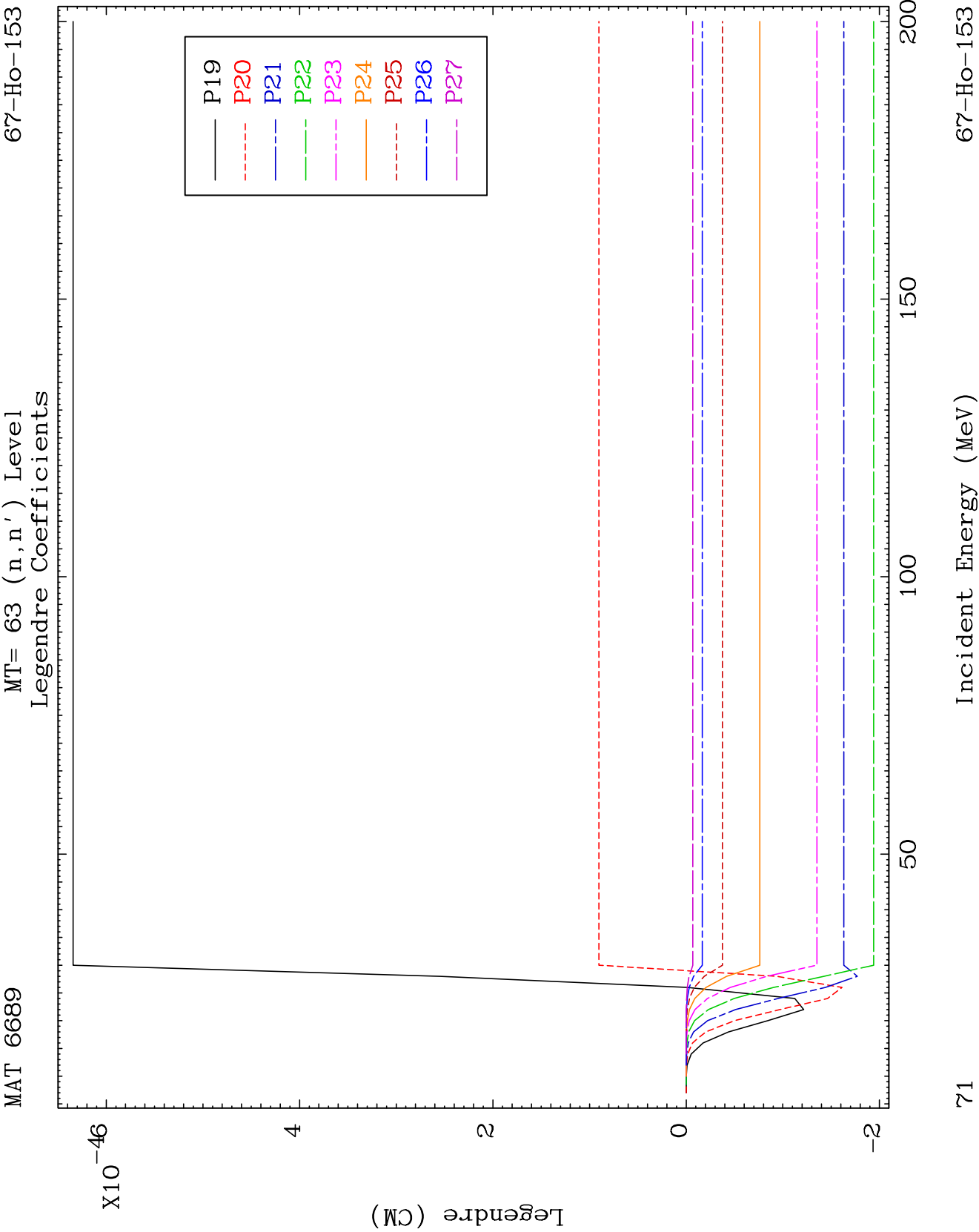


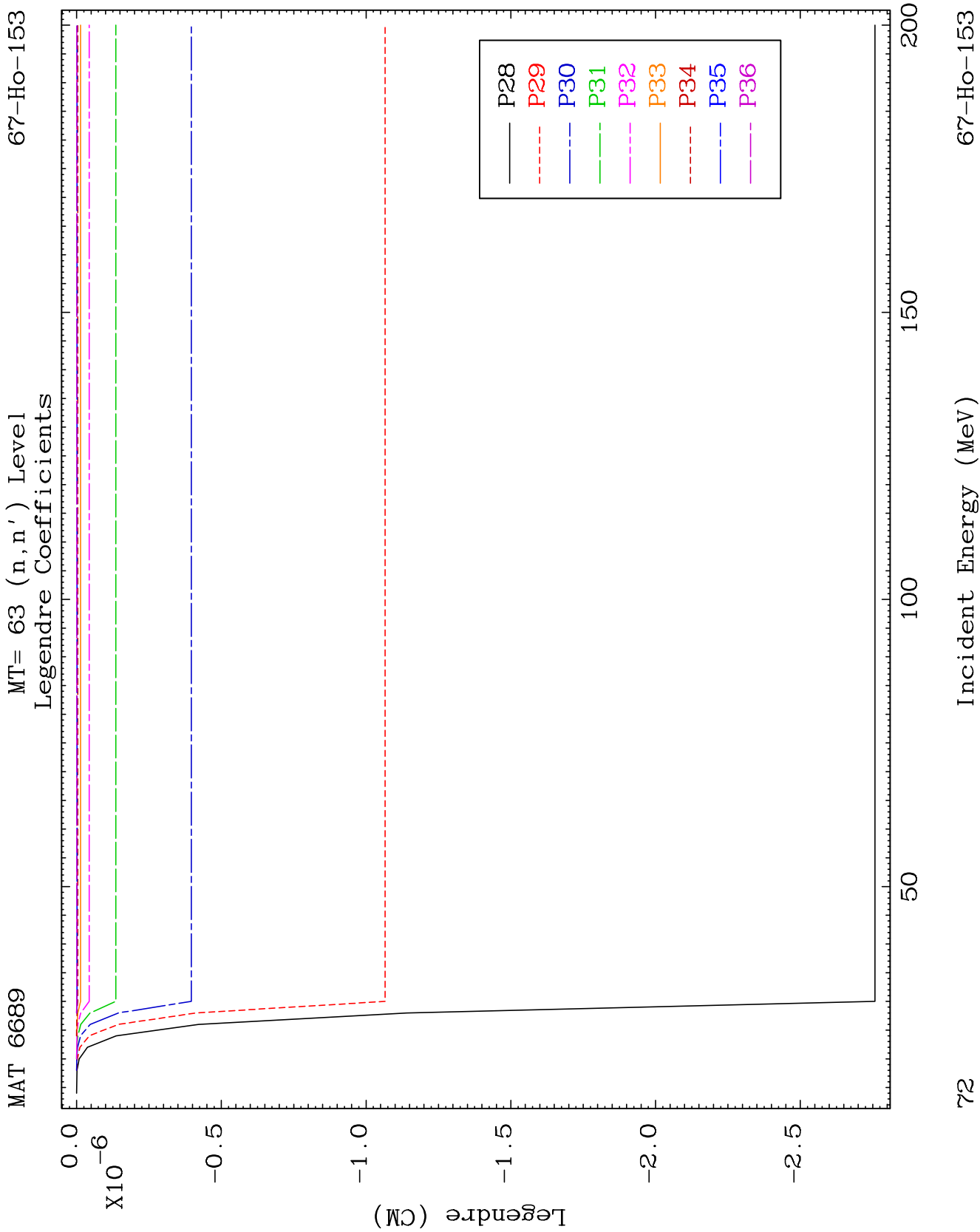
MAT 6689

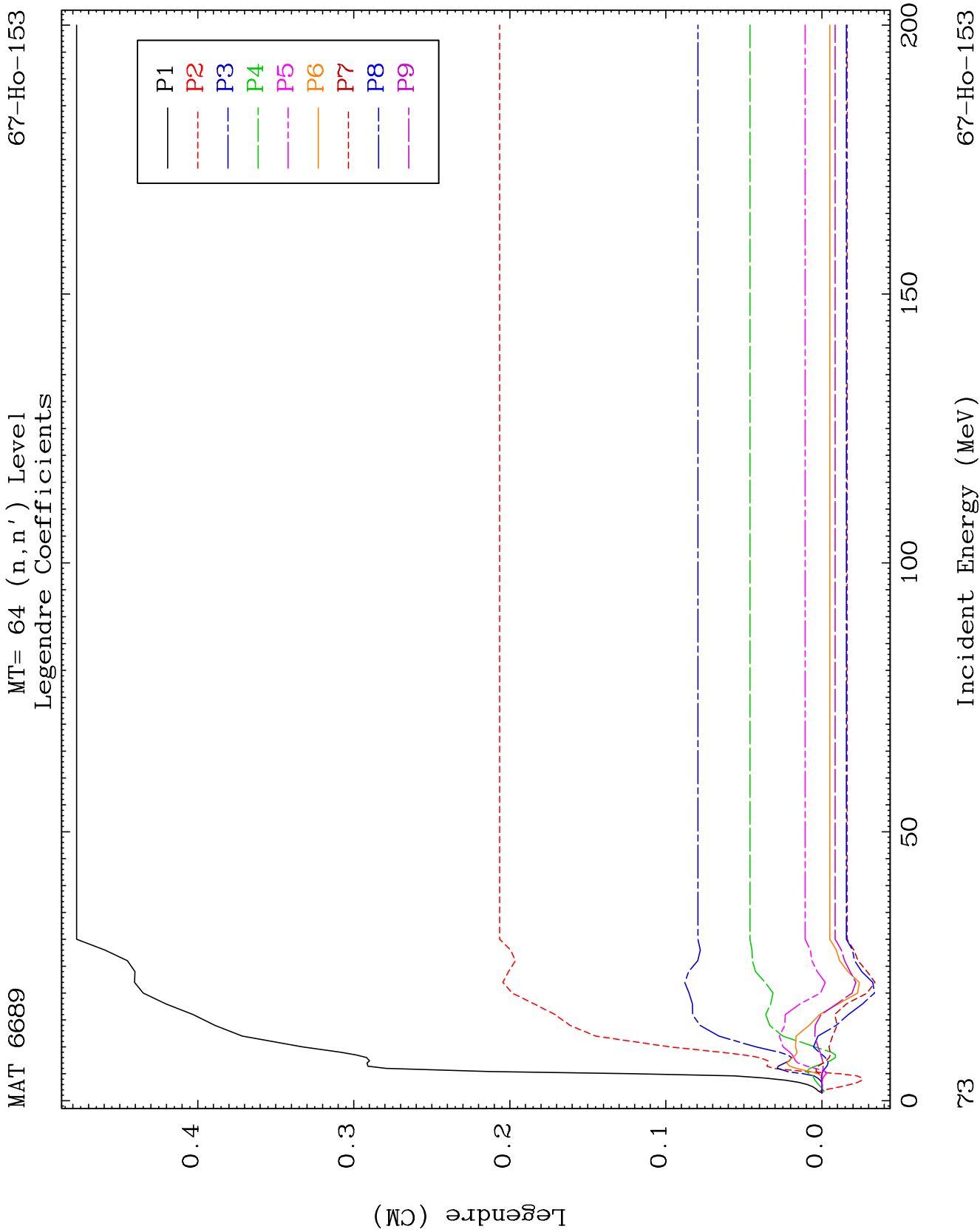
MT= 63 (n, n') Level
Legendre Coefficients

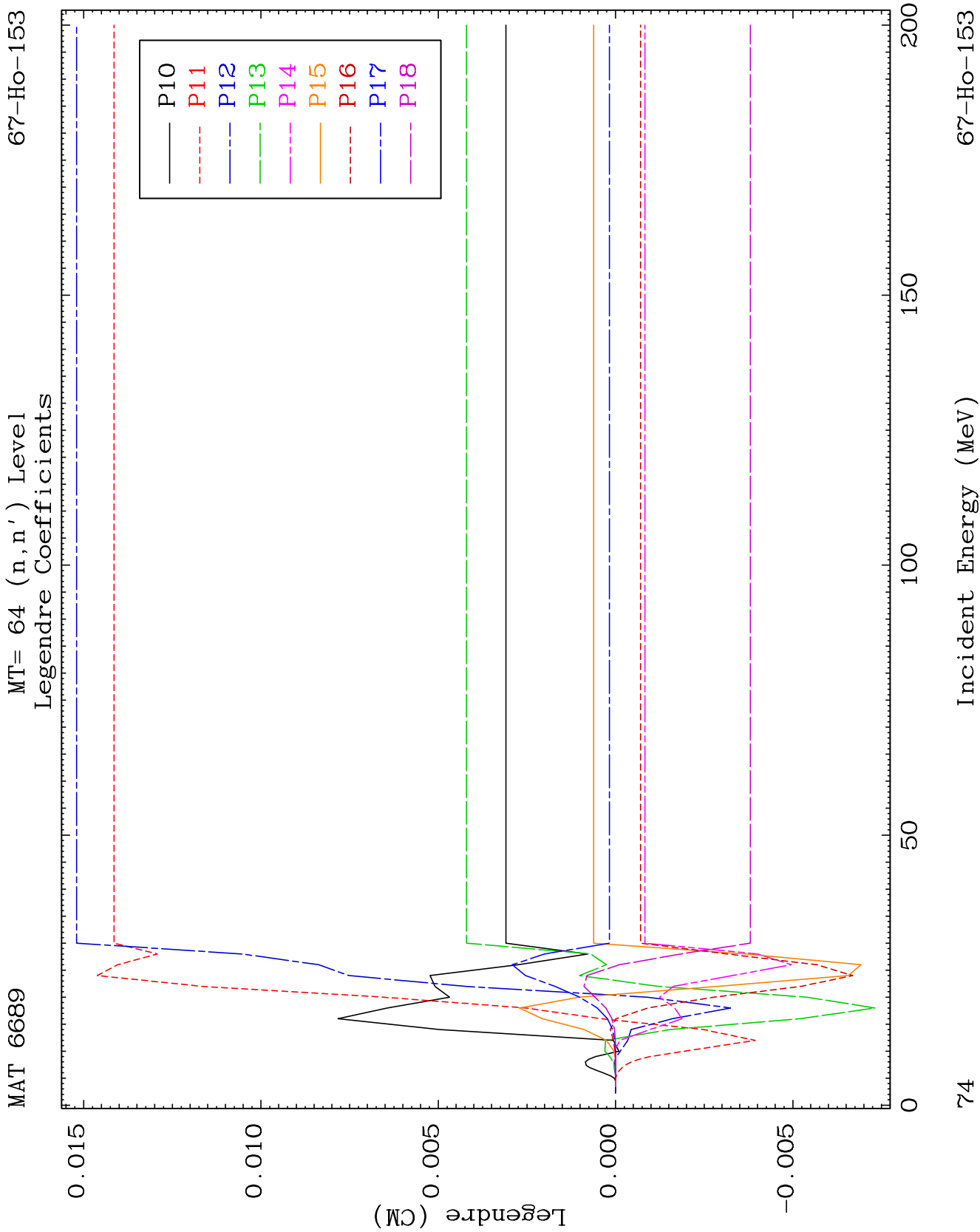
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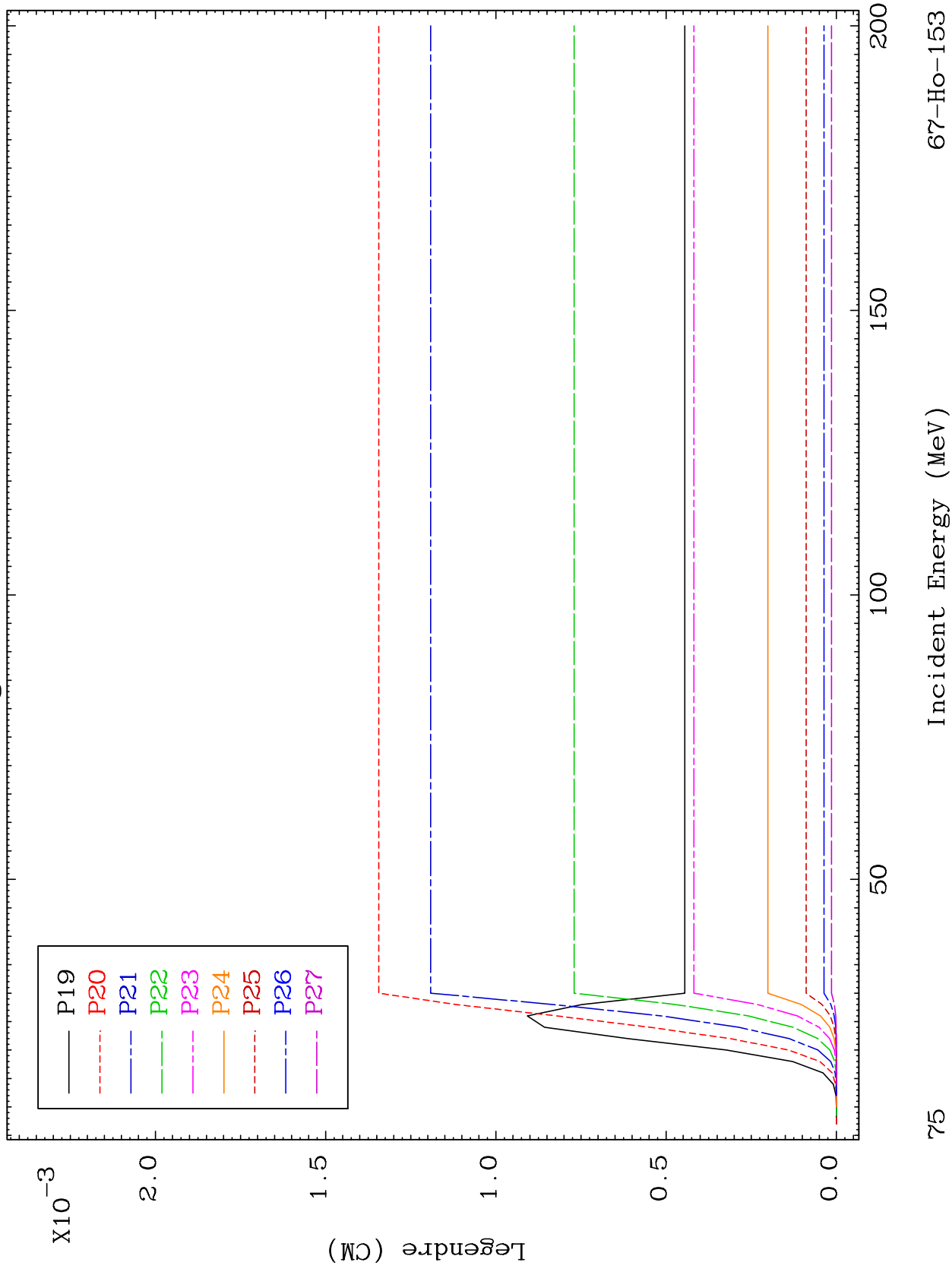


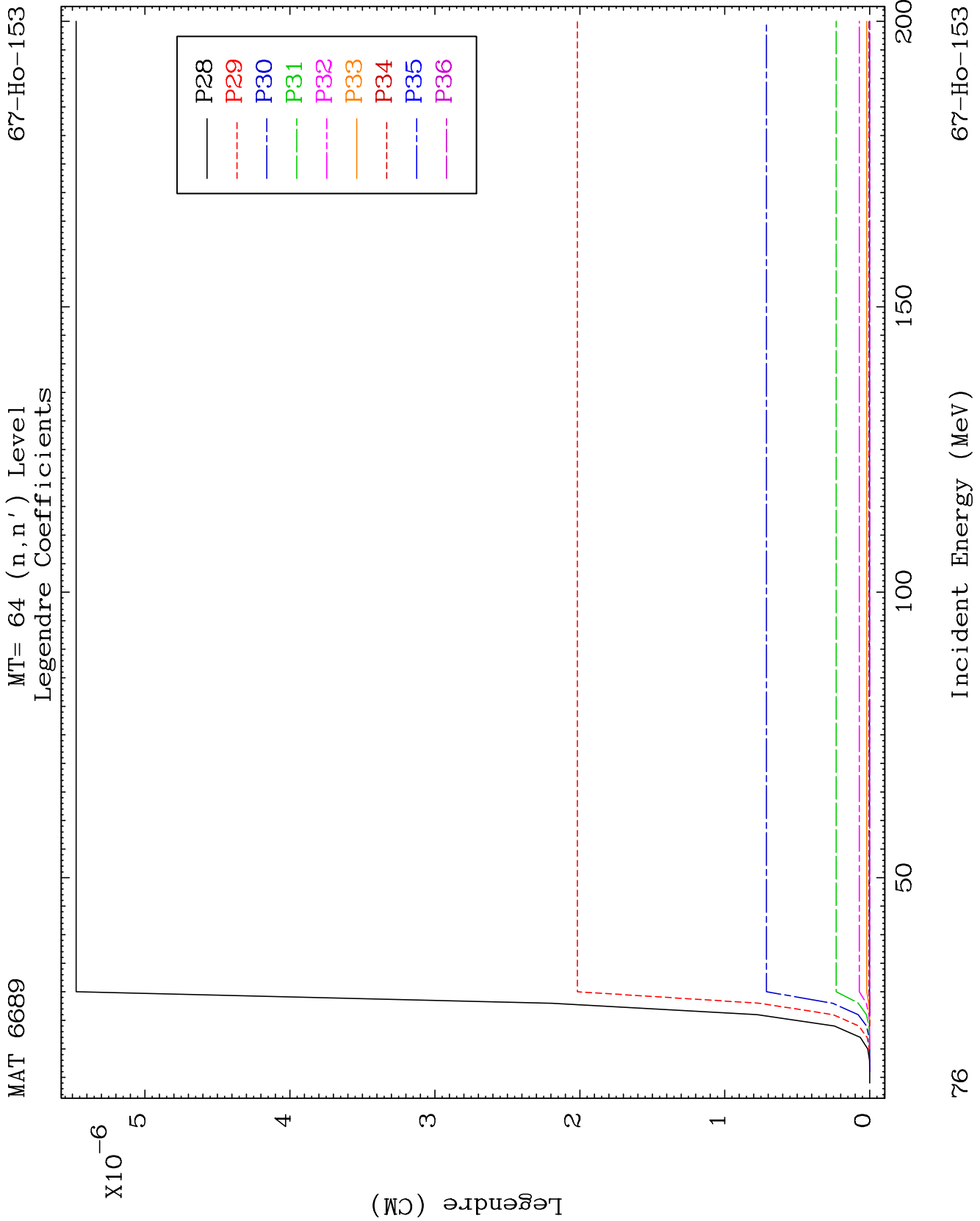


MAT 6689

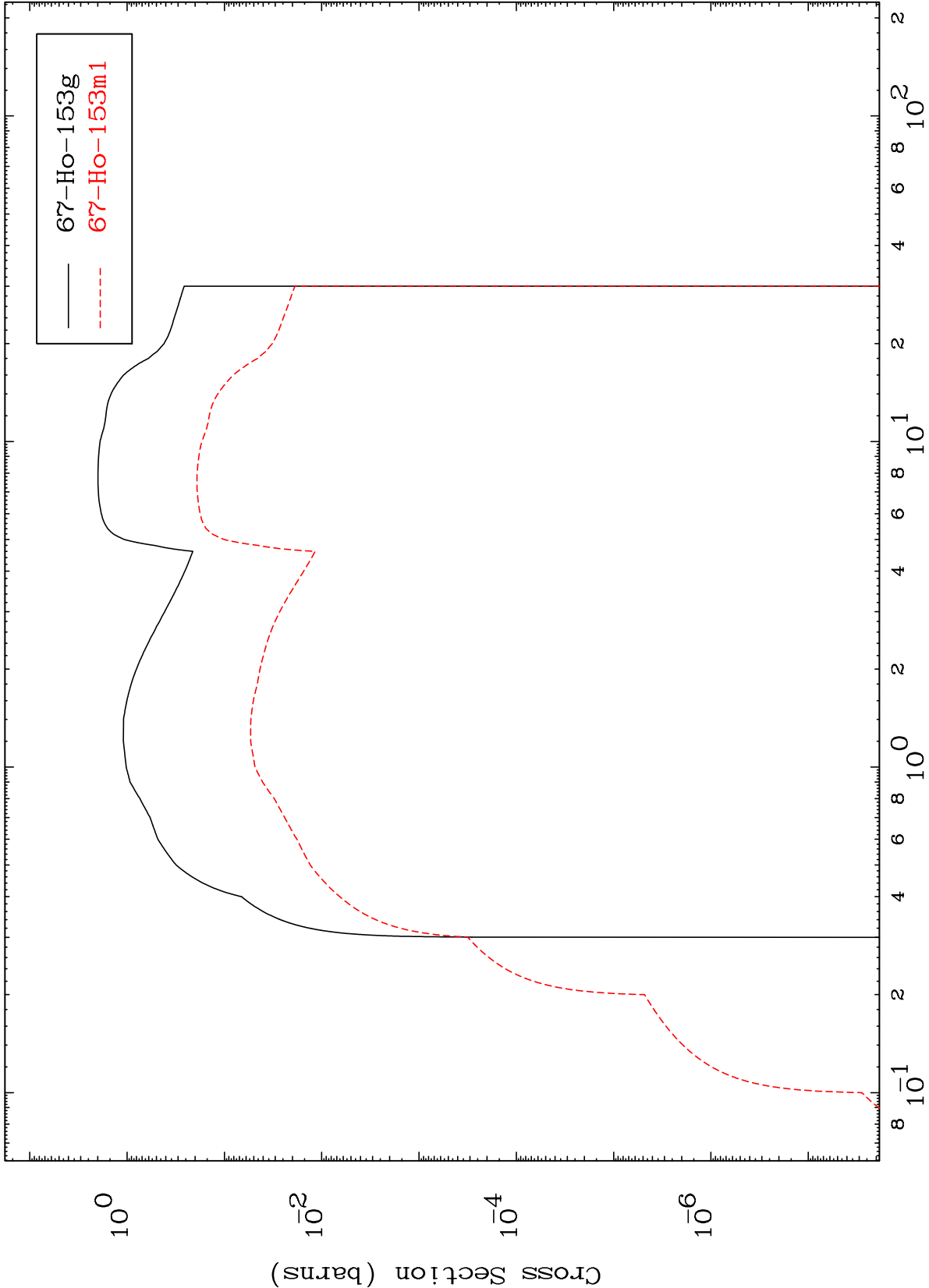
MT= 64 (n, n') Level
Legendre Coefficients

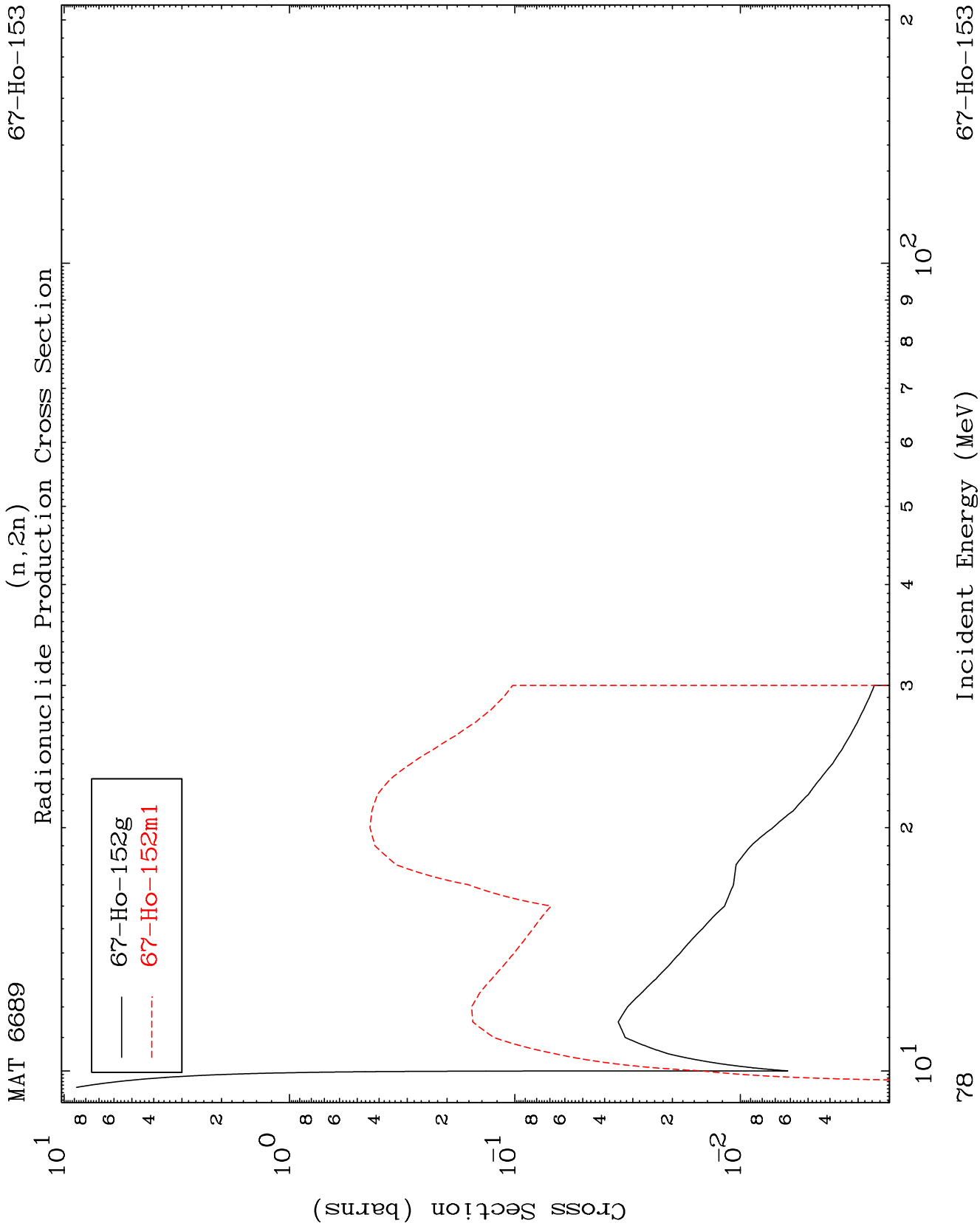
67-Ho-153





Inelastic
Radionuclide Production Cross Section

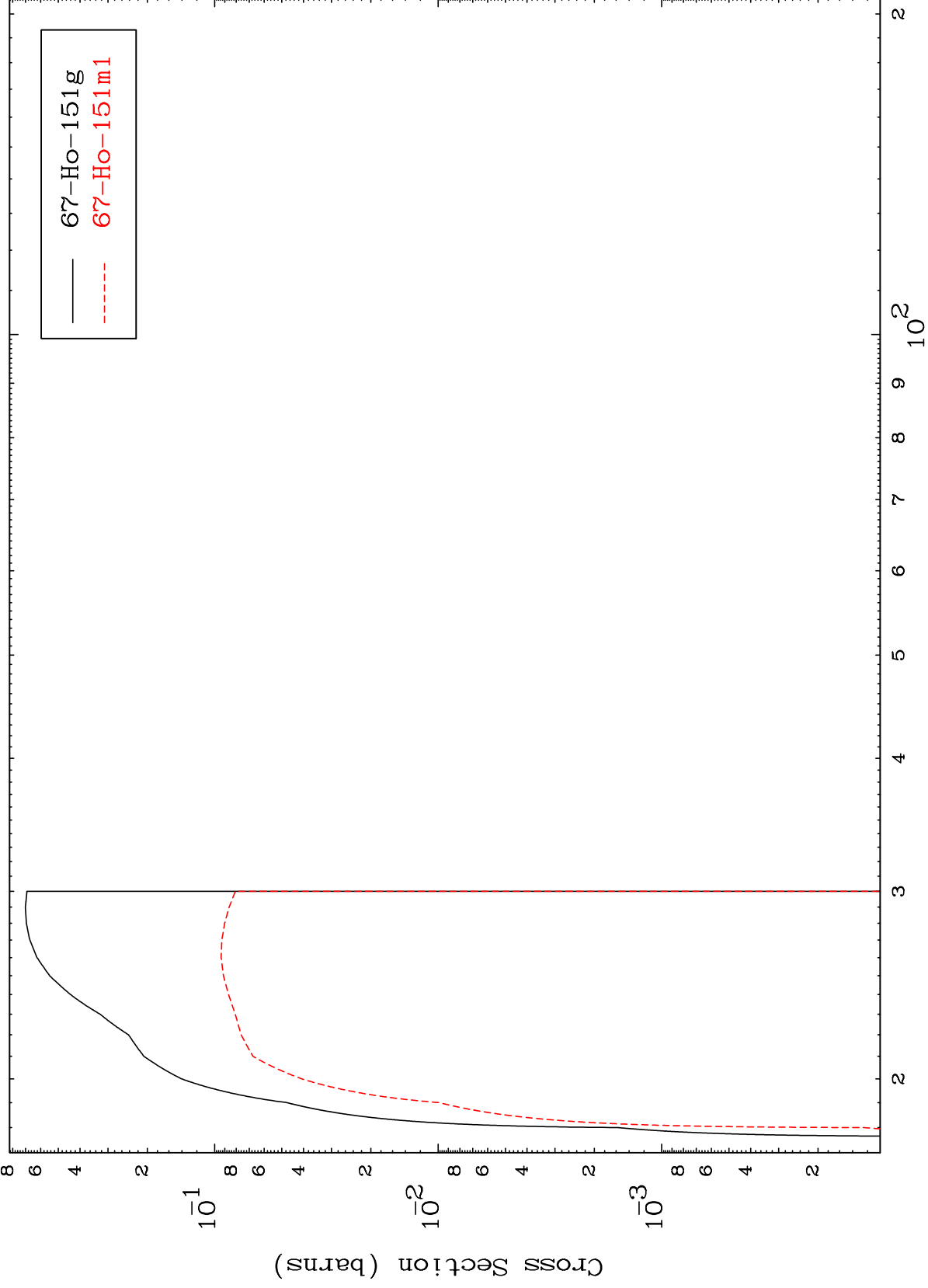




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67-Ho-153

(n,3n)
Radionuclide Production Cross Section



79

Incident Energy (MeV)

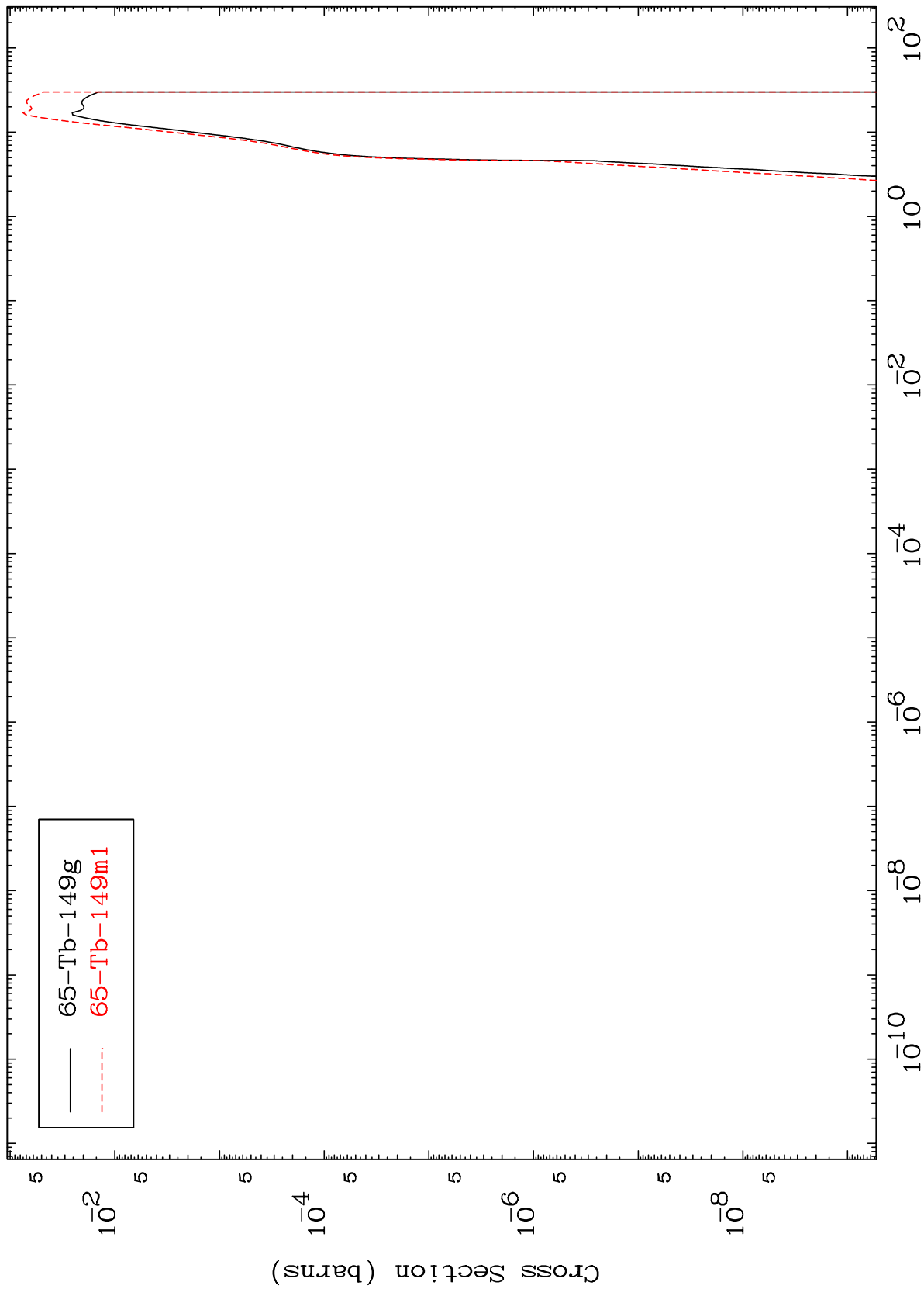
67-Ho-153

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$(n,n') \alpha$

67-Ho-153

Radionuclide Production Cross Section



80

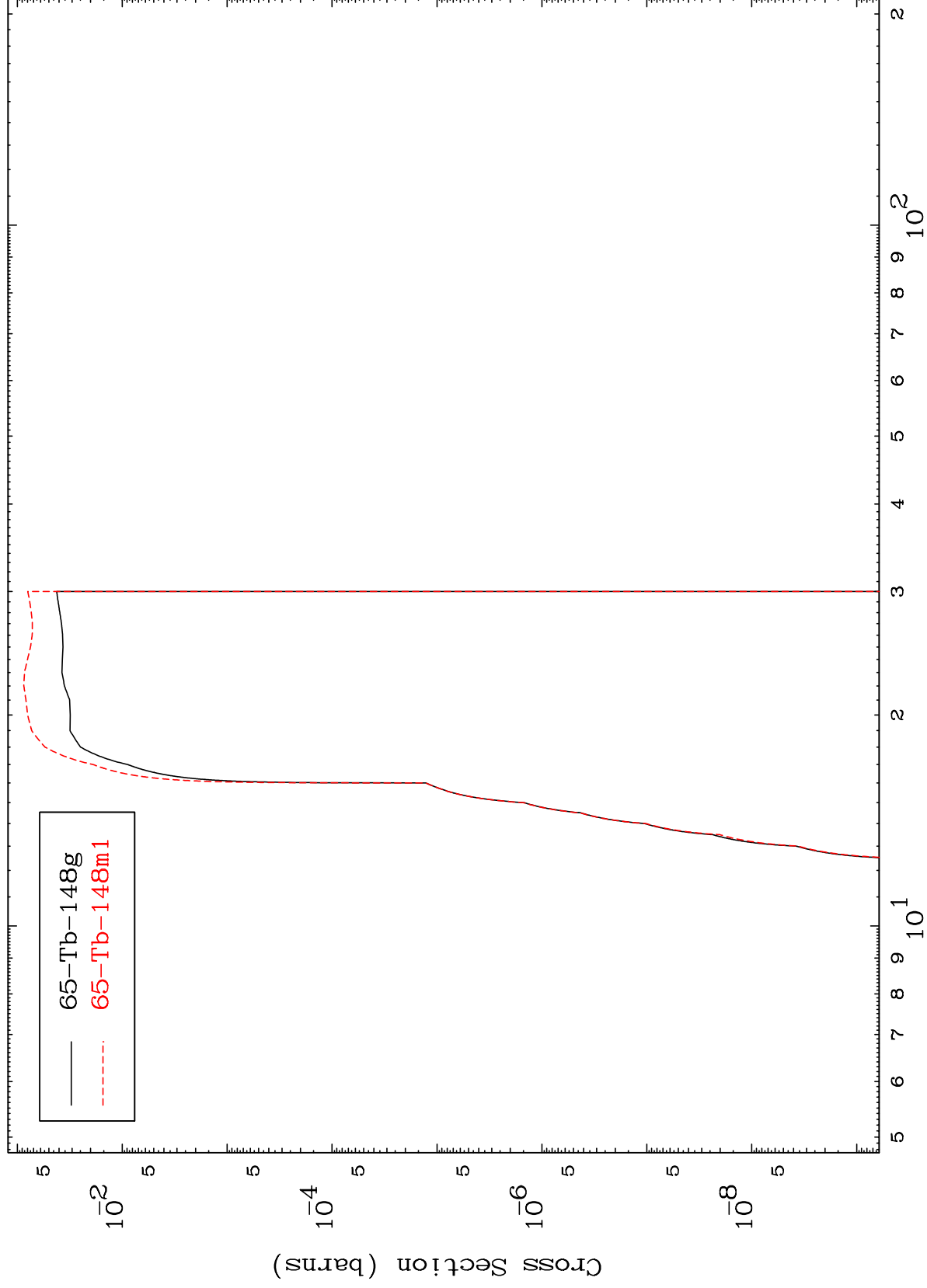
Incident Energy (MeV)

67-Ho-153

MAT 6689

67-Ho-153

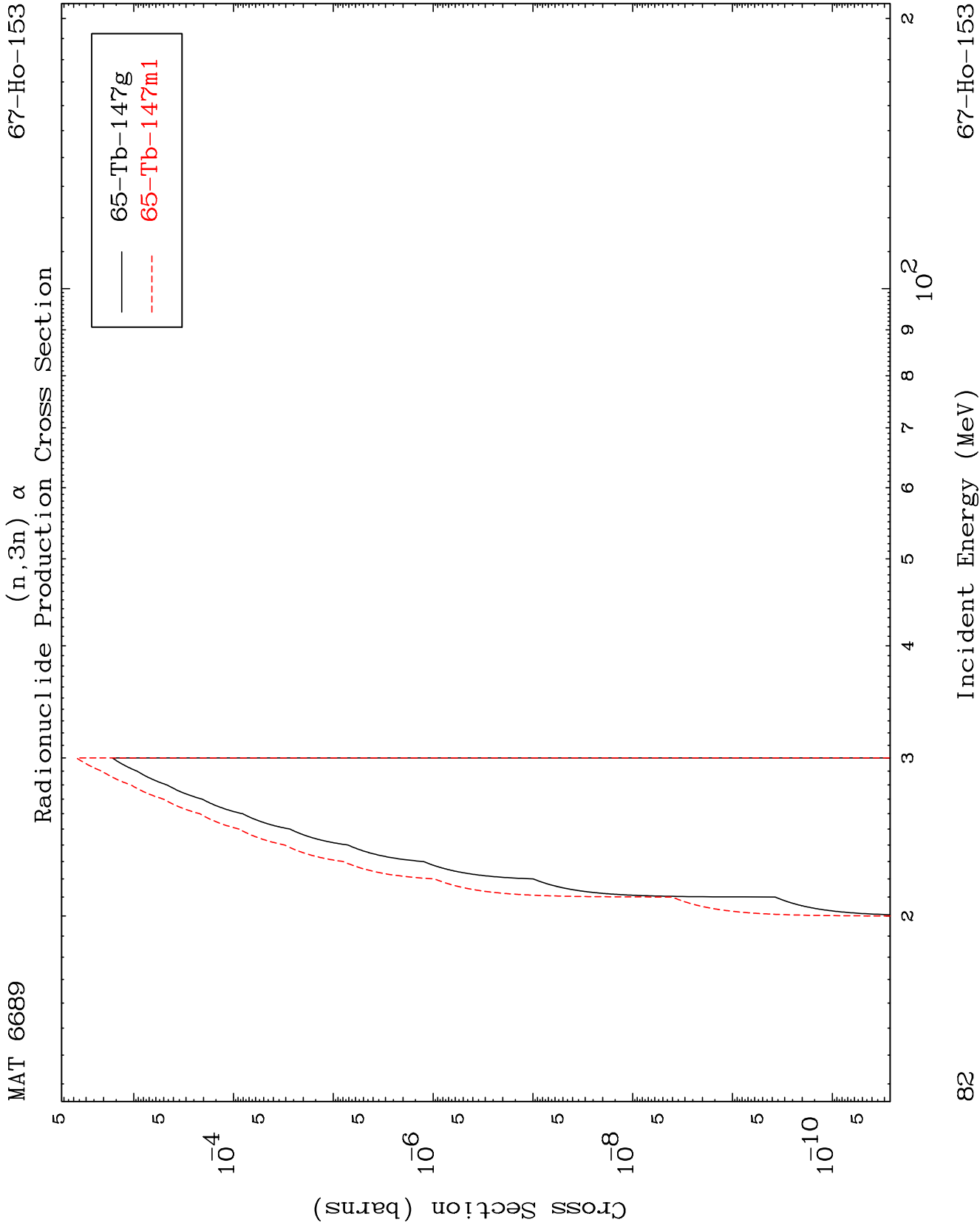
(n,2n) α
Radionuclide Production Cross Section



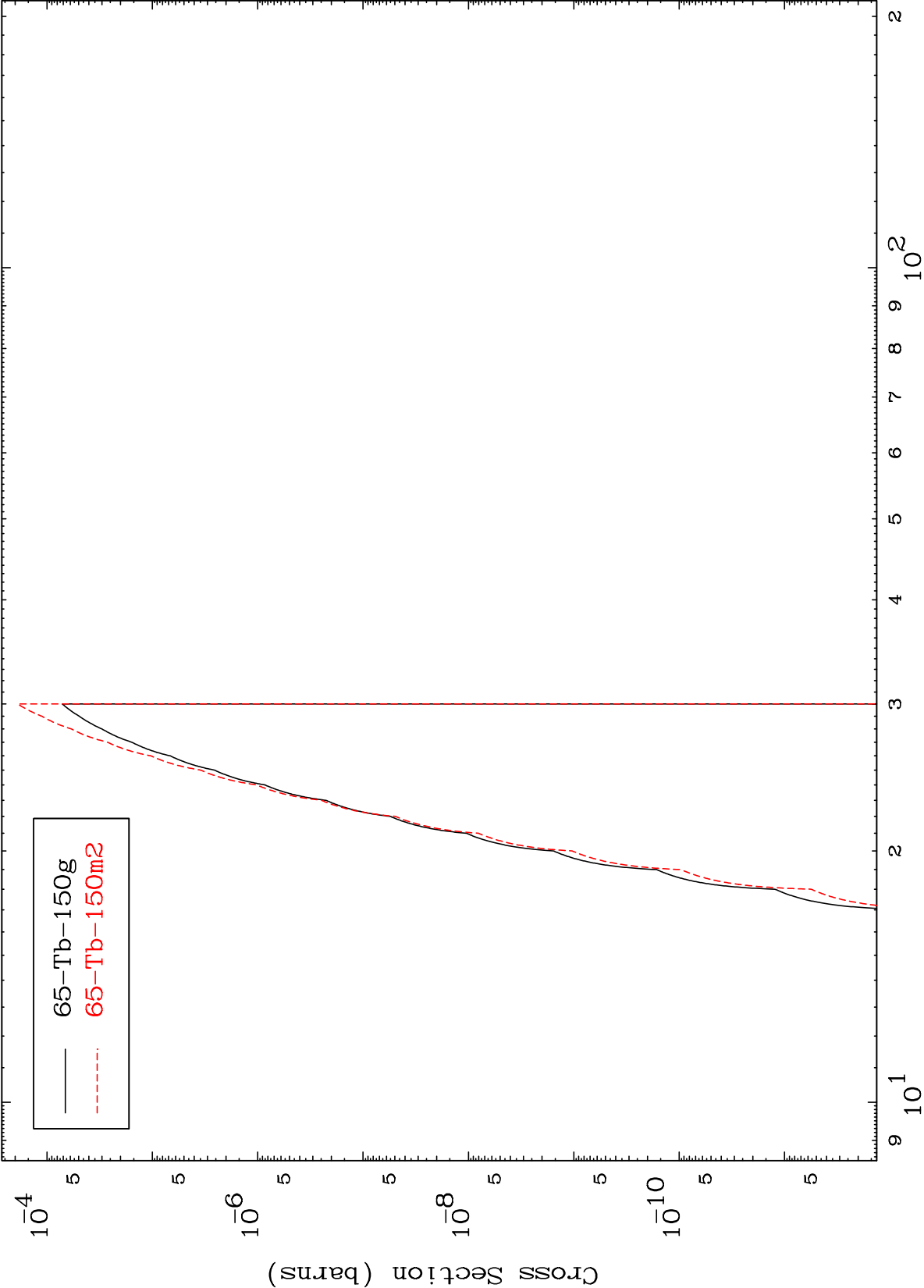
81

Incident Energy (MeV)

67-Ho-153



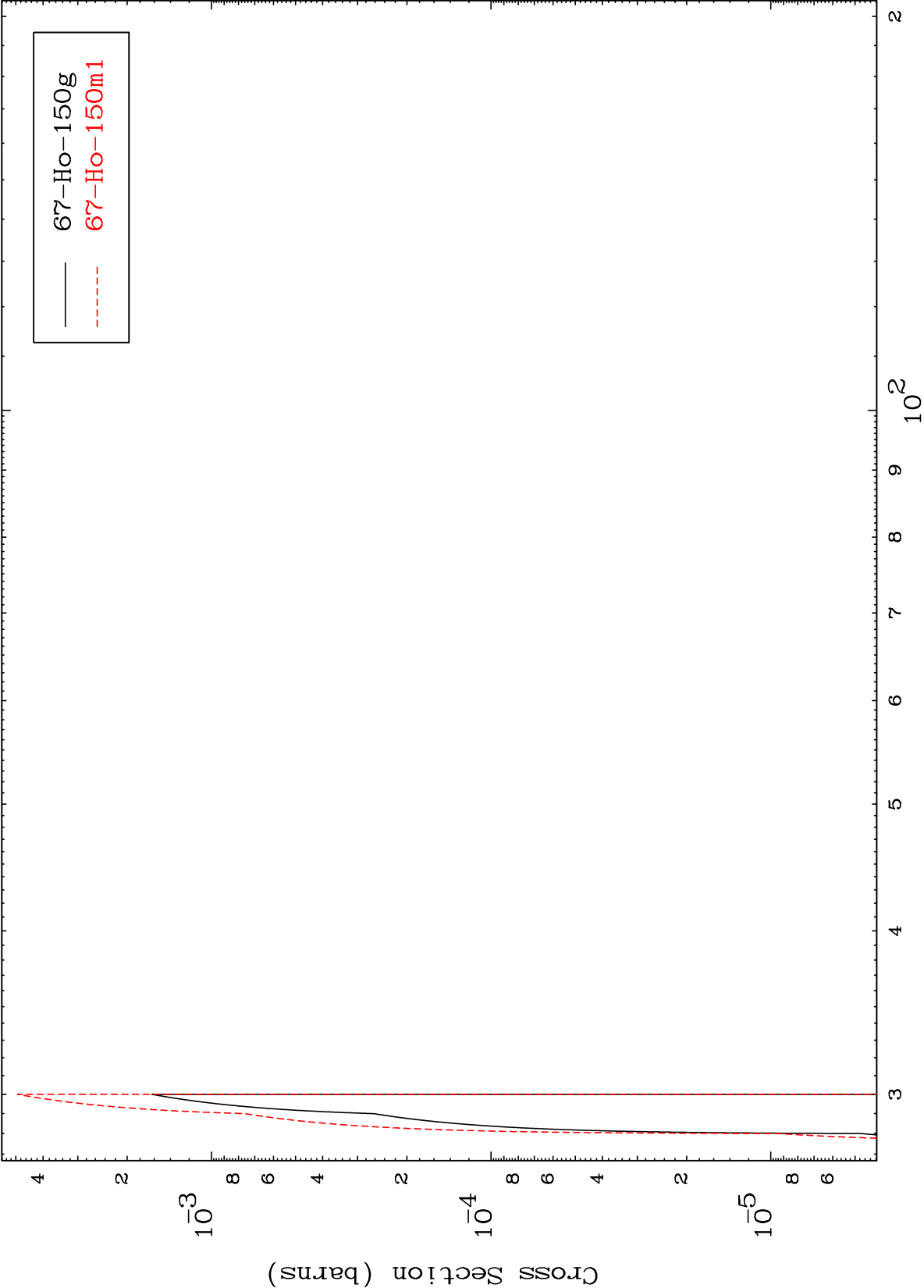
Radionuclide Production Cross Section



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(n,4n)
Radionuclide Production Cross Section



84

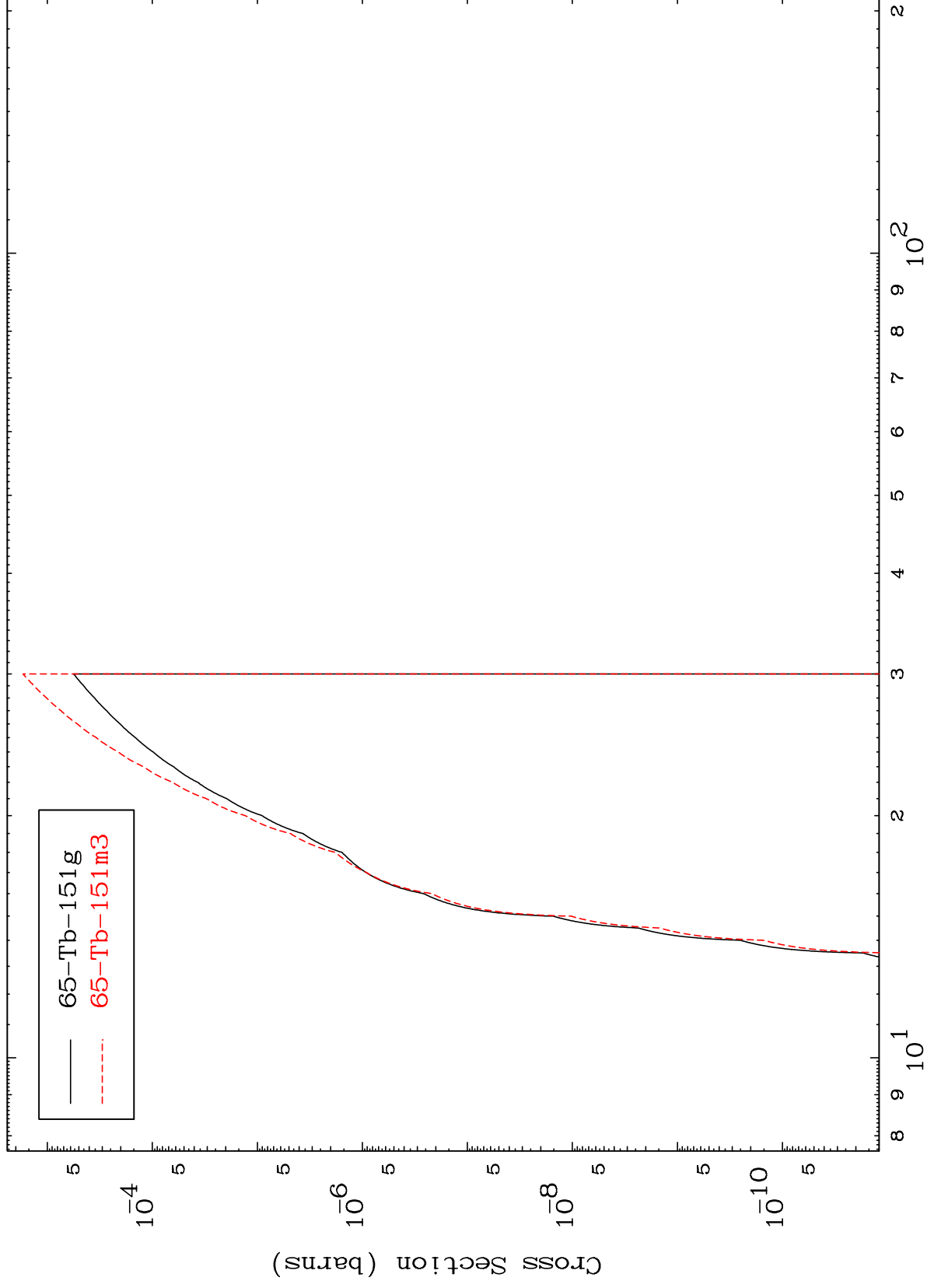
67-Ho-153

Incident Energy (MeV)

MAT 6689

67-Ho-153

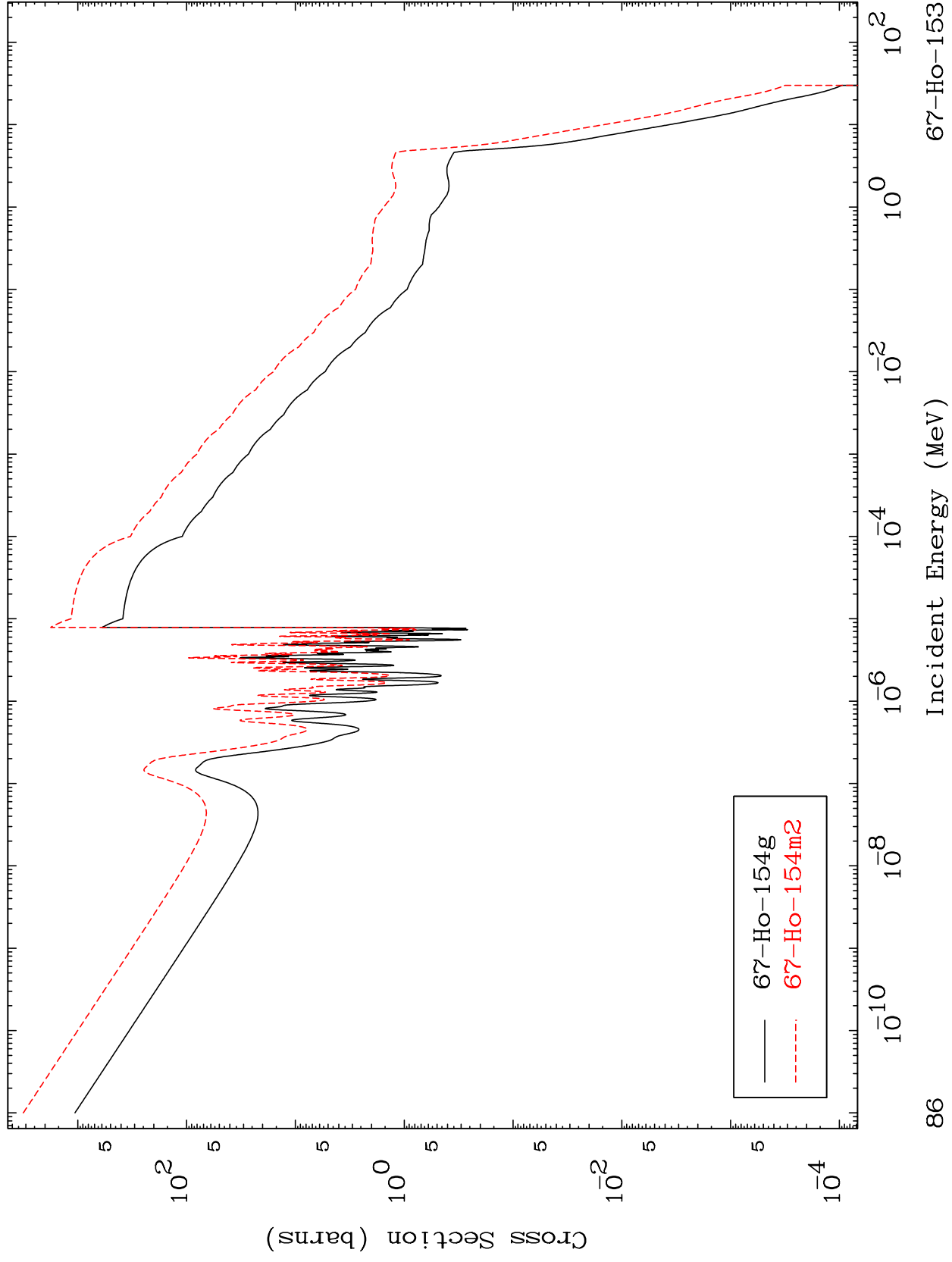
(n,2n) p
Radionuclide Production Cross Section



85

Incident Energy (MeV)

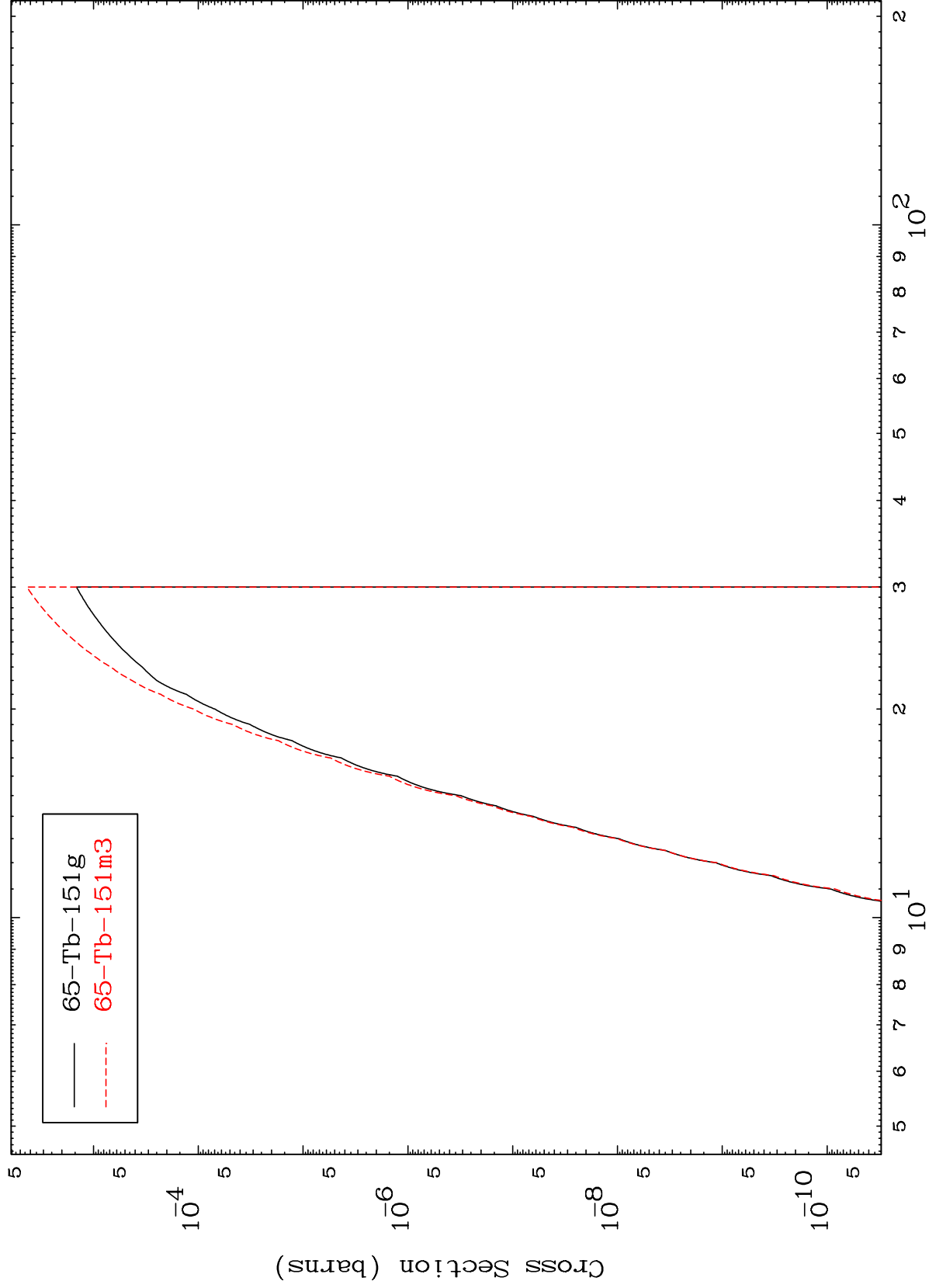
67-Ho-153

Radionuclide Production Cross Section
(n, γ)

MAT 6689

67-Ho-153

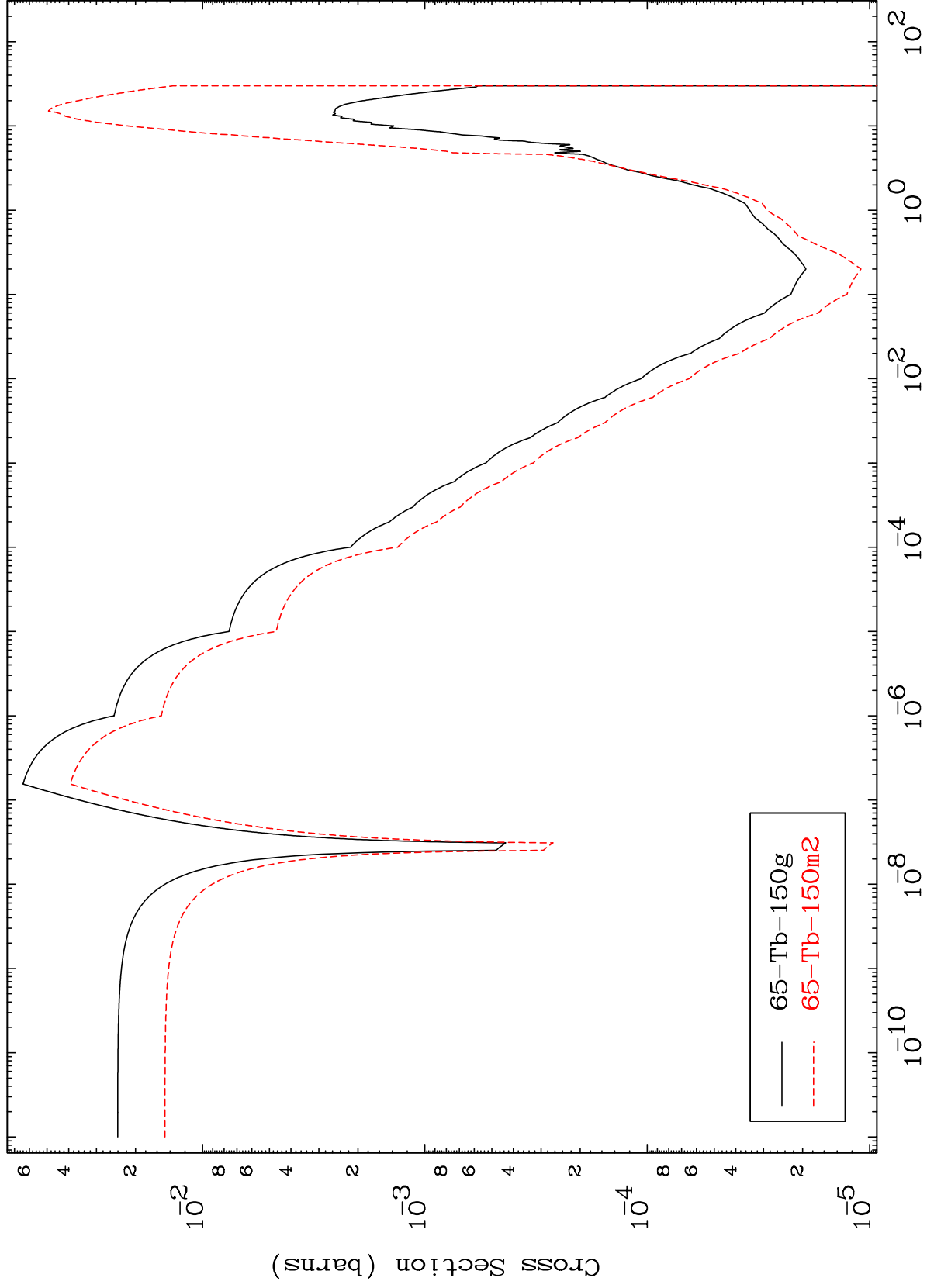
Radionuclide Production Cross Section

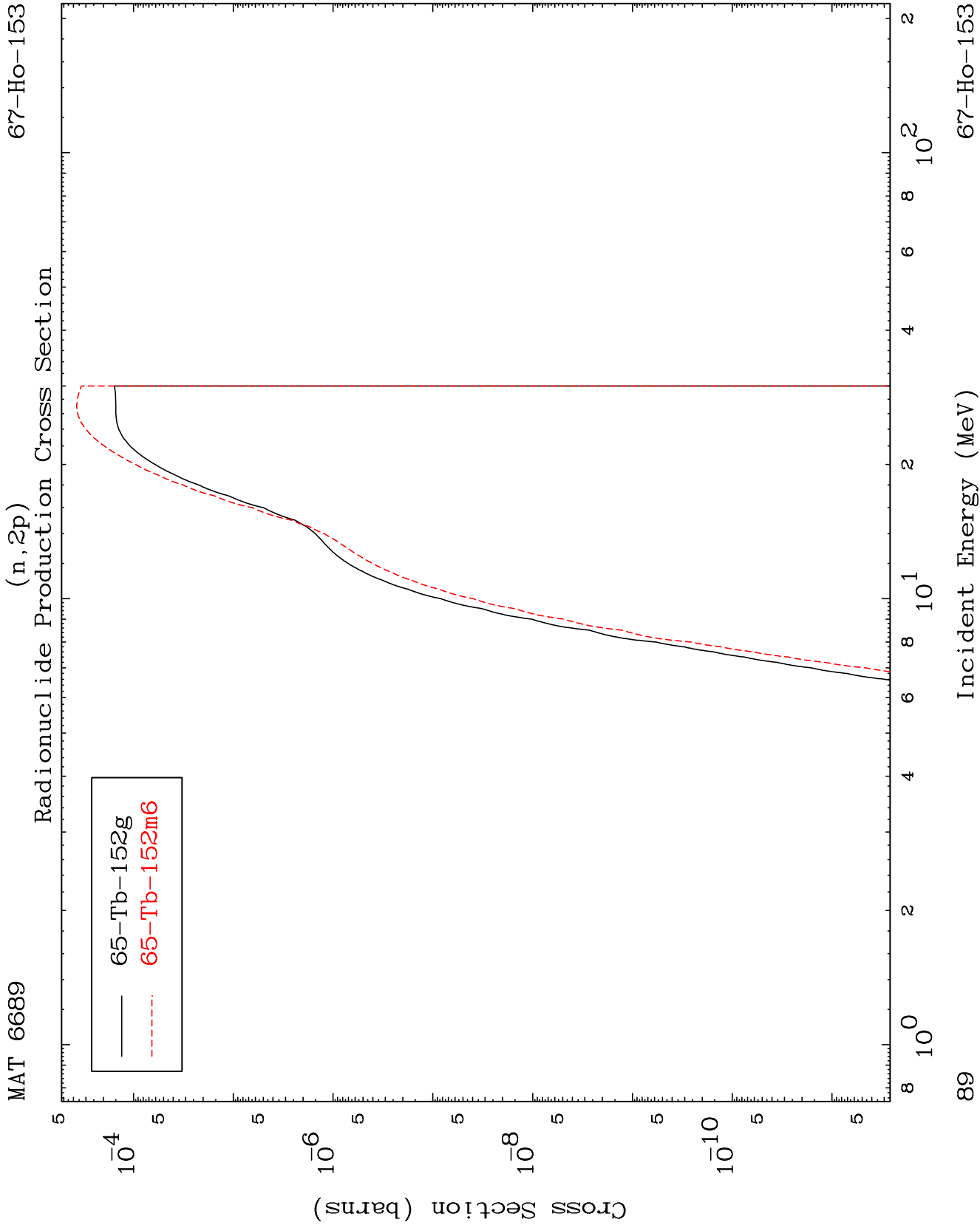


87

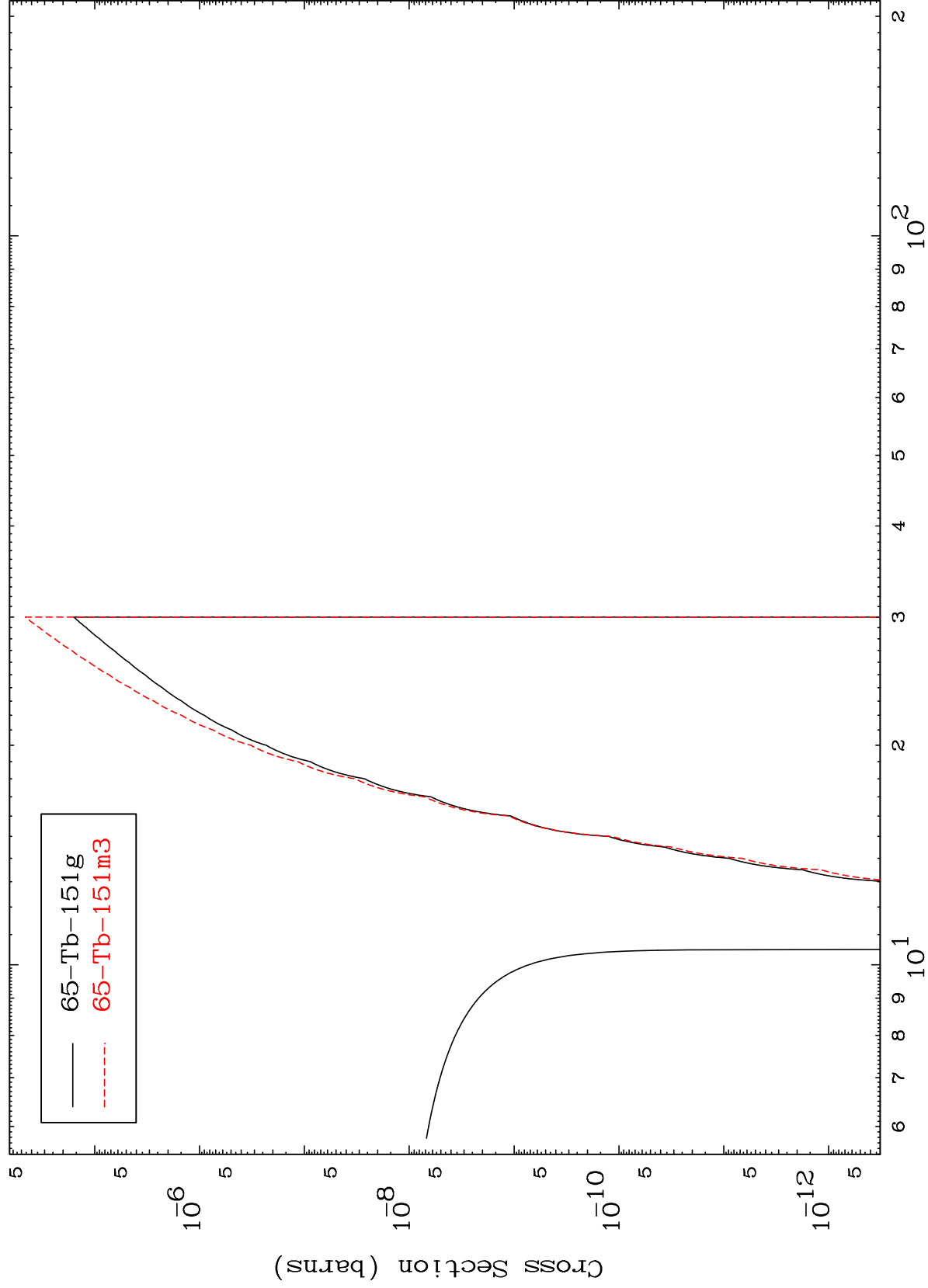
67-Ho-153

Radionuclide Production Cross Section





(n,p) d
Radionuclide Production Cross Section

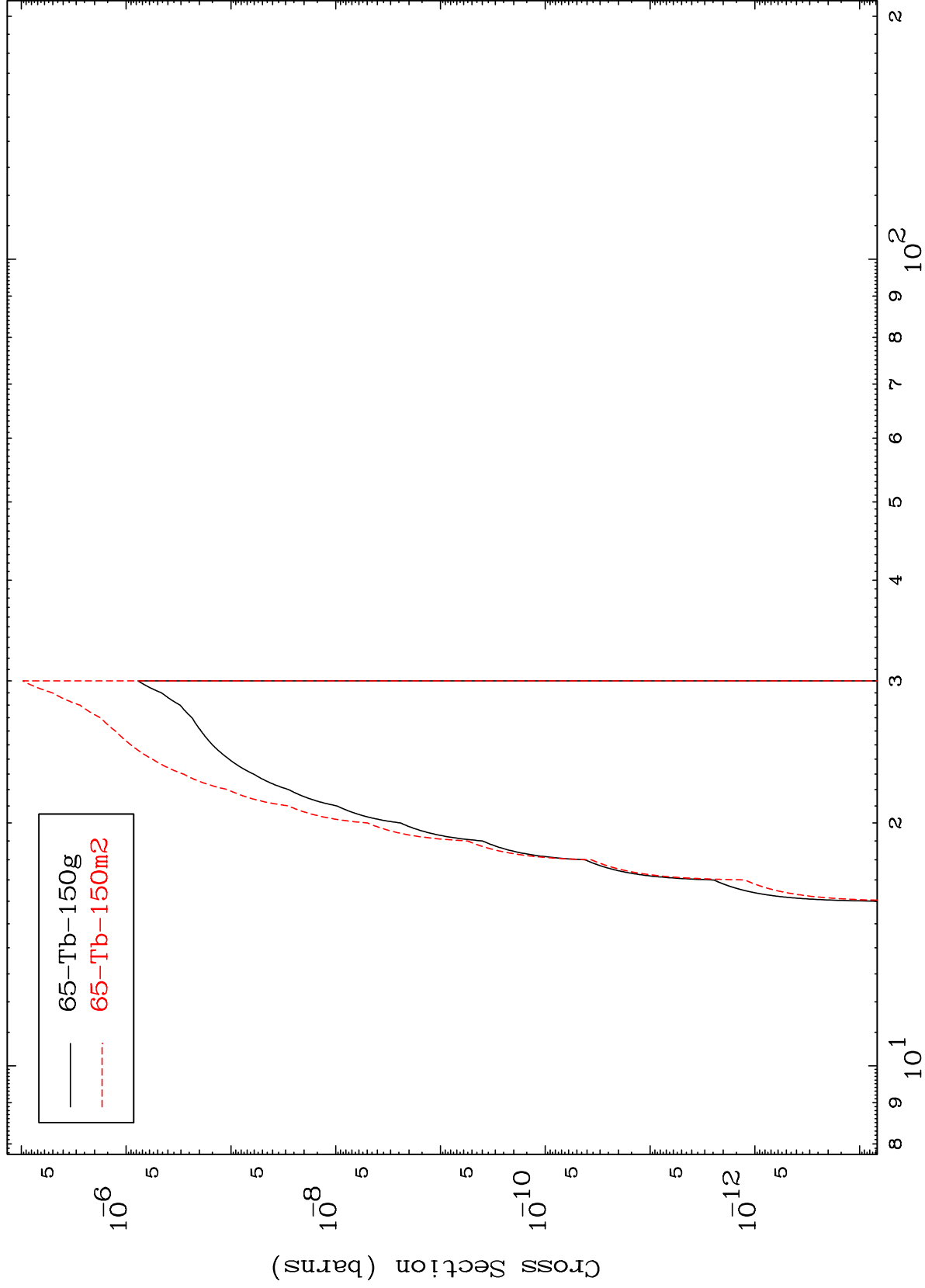


MAT 6689

(n,p) t

67-Ho-153

Radionuclide Production Cross Section



91

Incident Energy (MeV)

67-Ho-153