

Program EVALPLOT
(Version 2021-1)

by

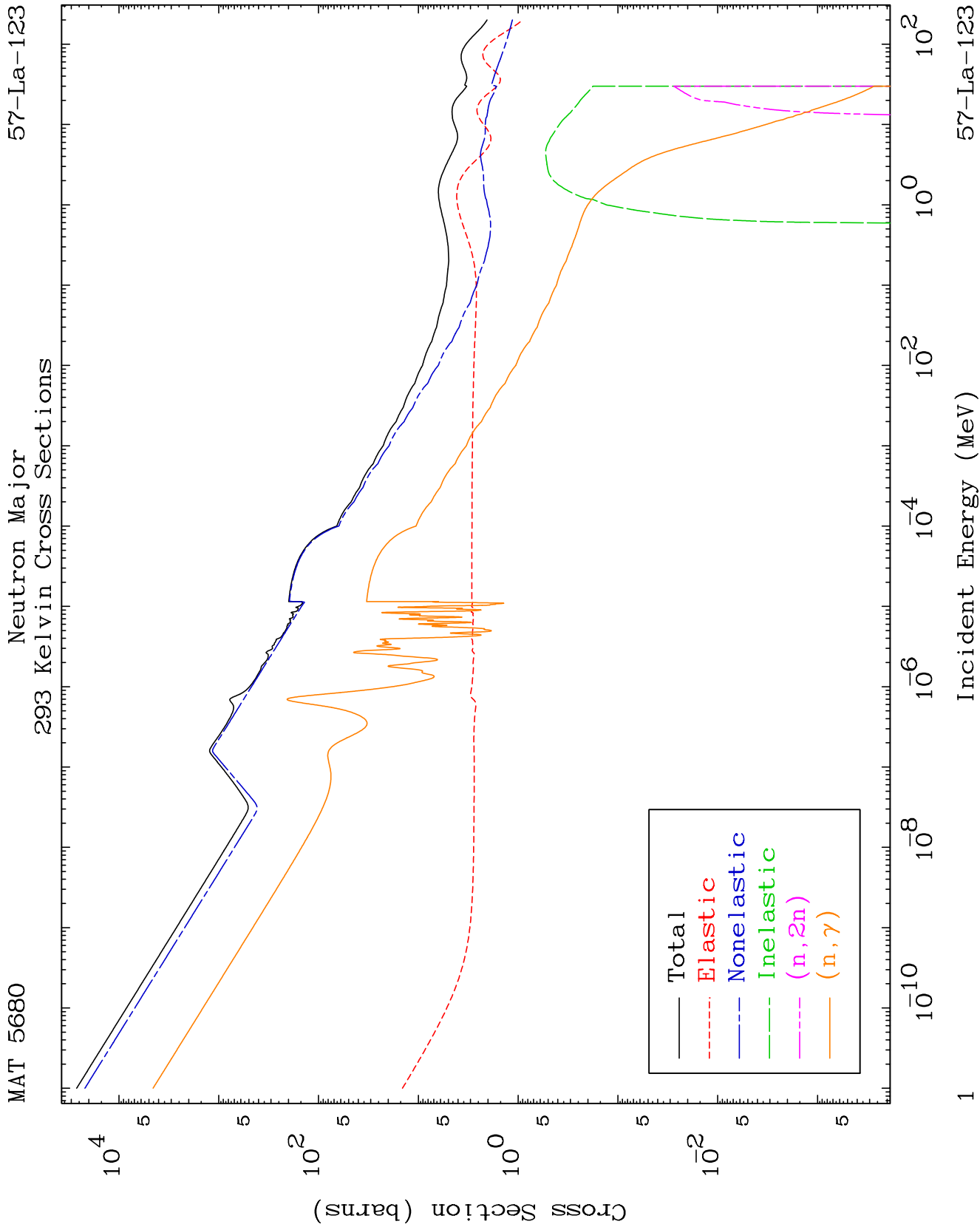
Dermott E. Cullen
(Present Contact Information)

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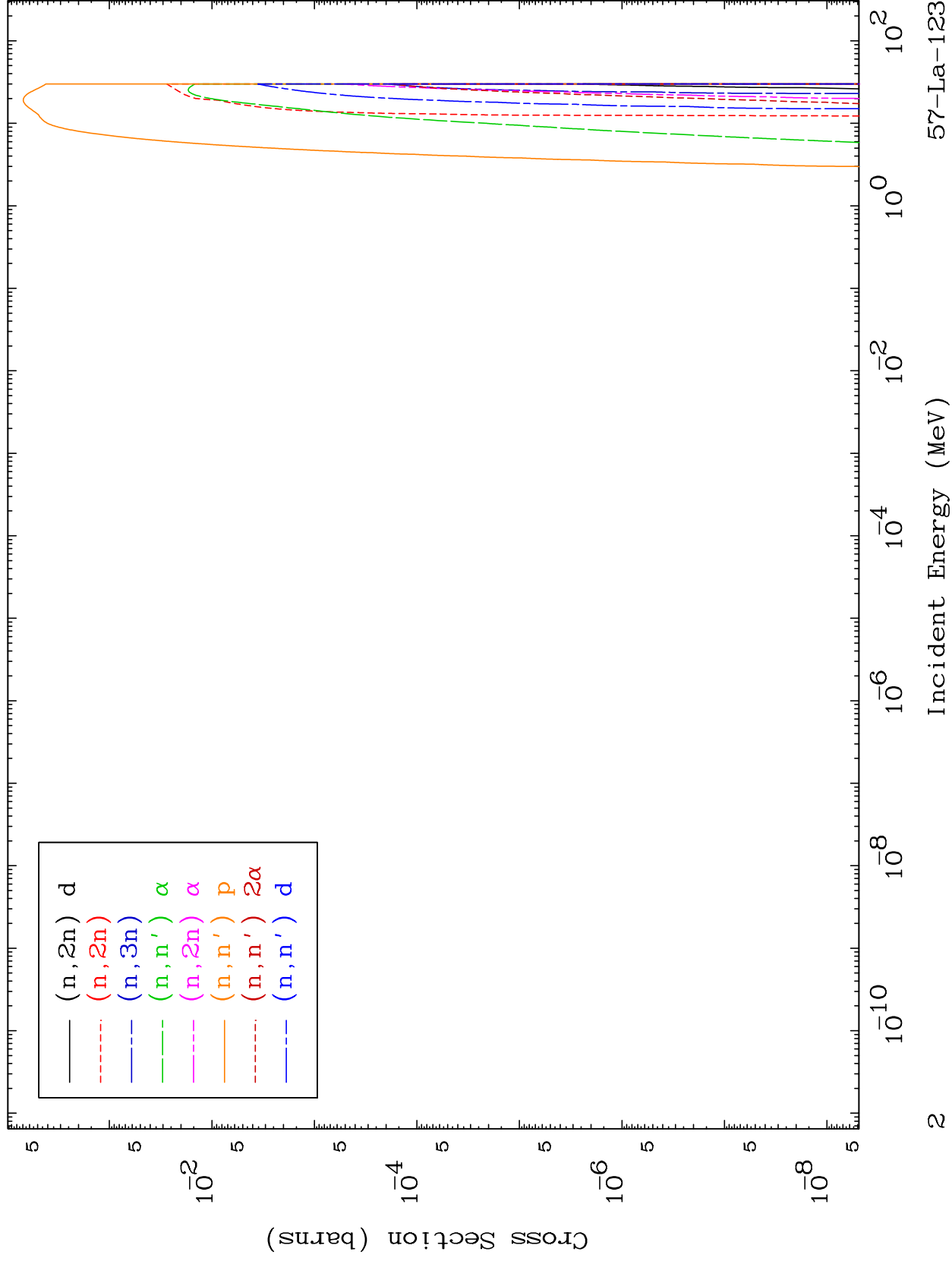
Press Mouse Button to Start

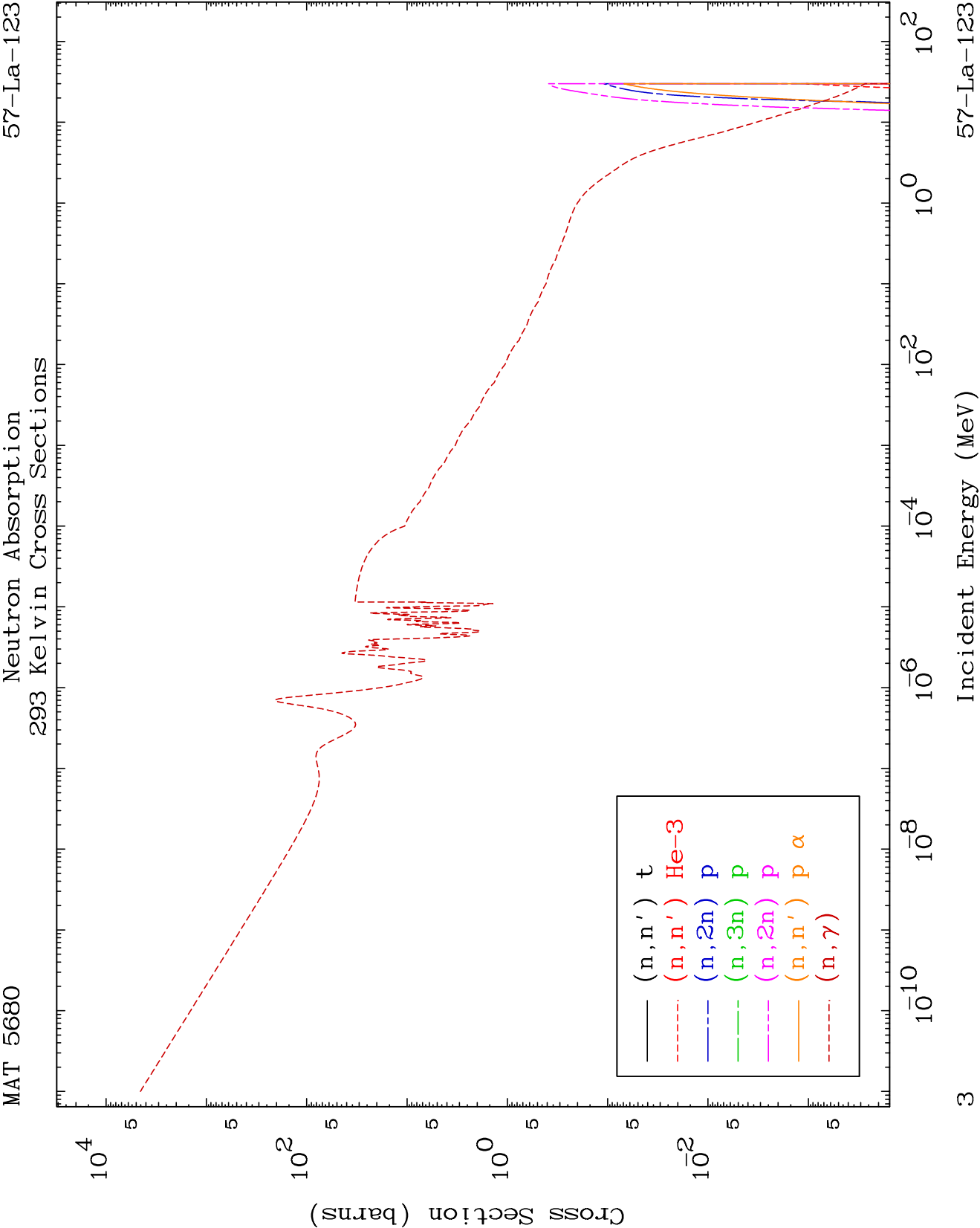


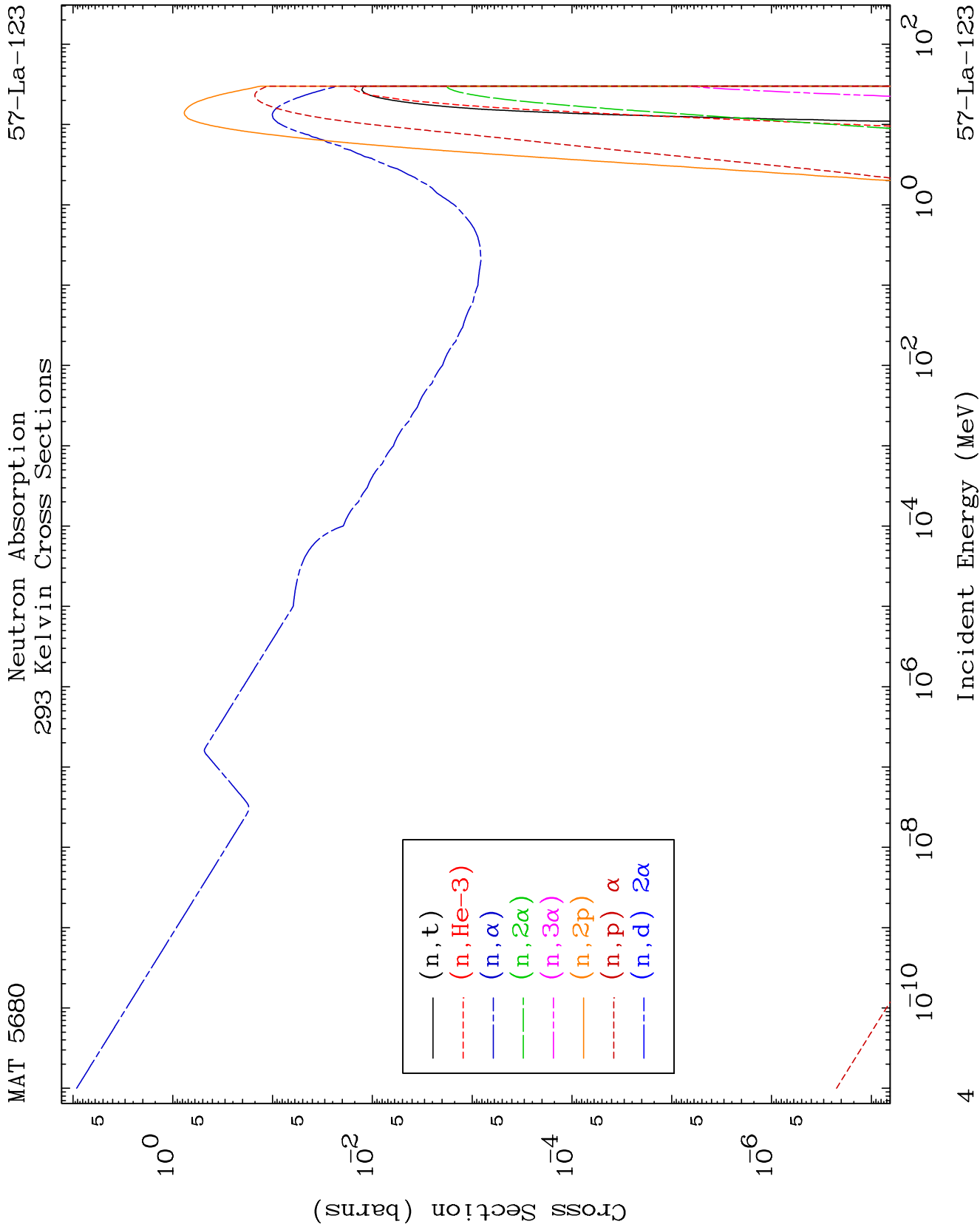
MAT 5680

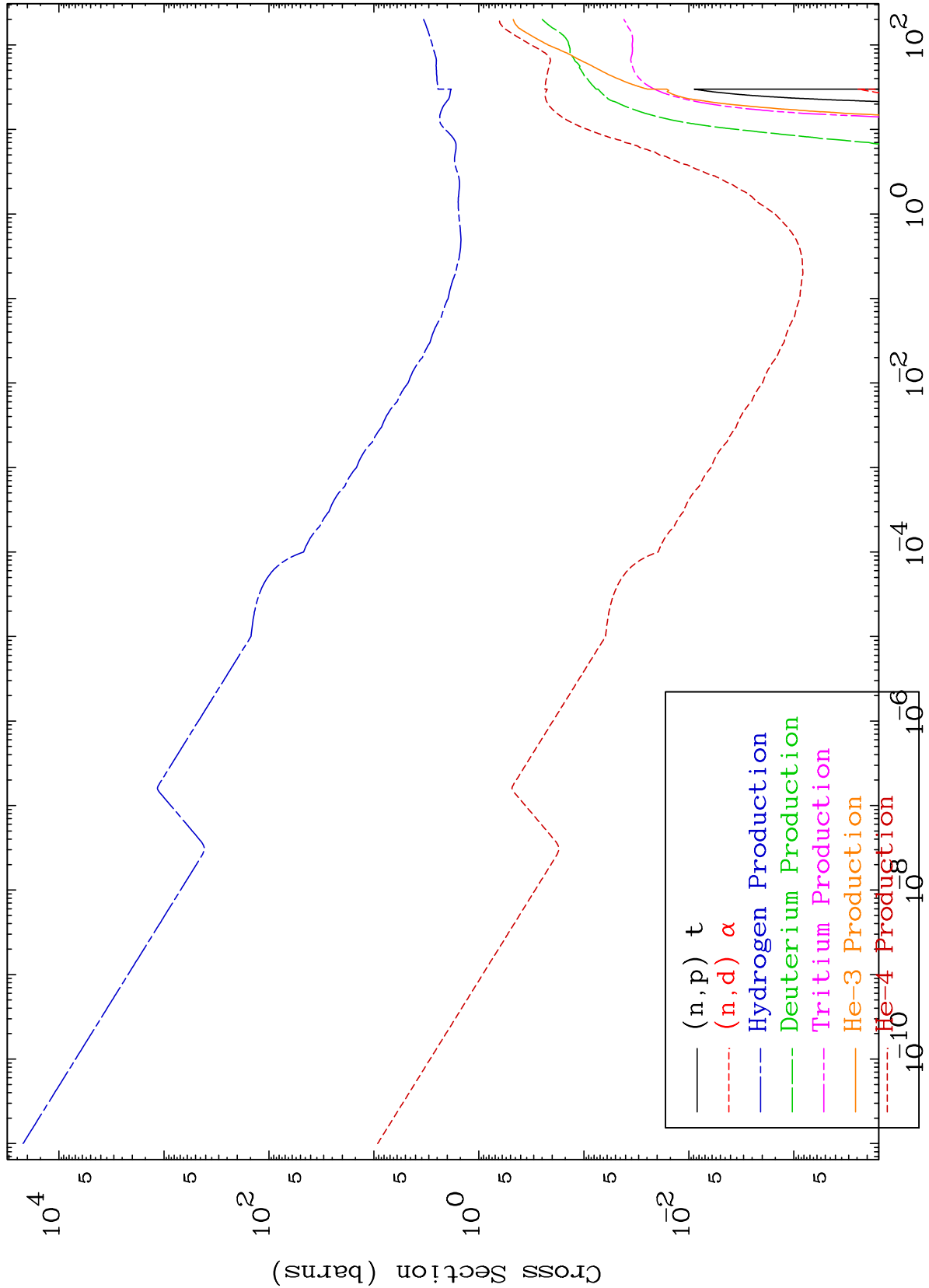
Neutron Absorption
293 Kelvin Cross Sections

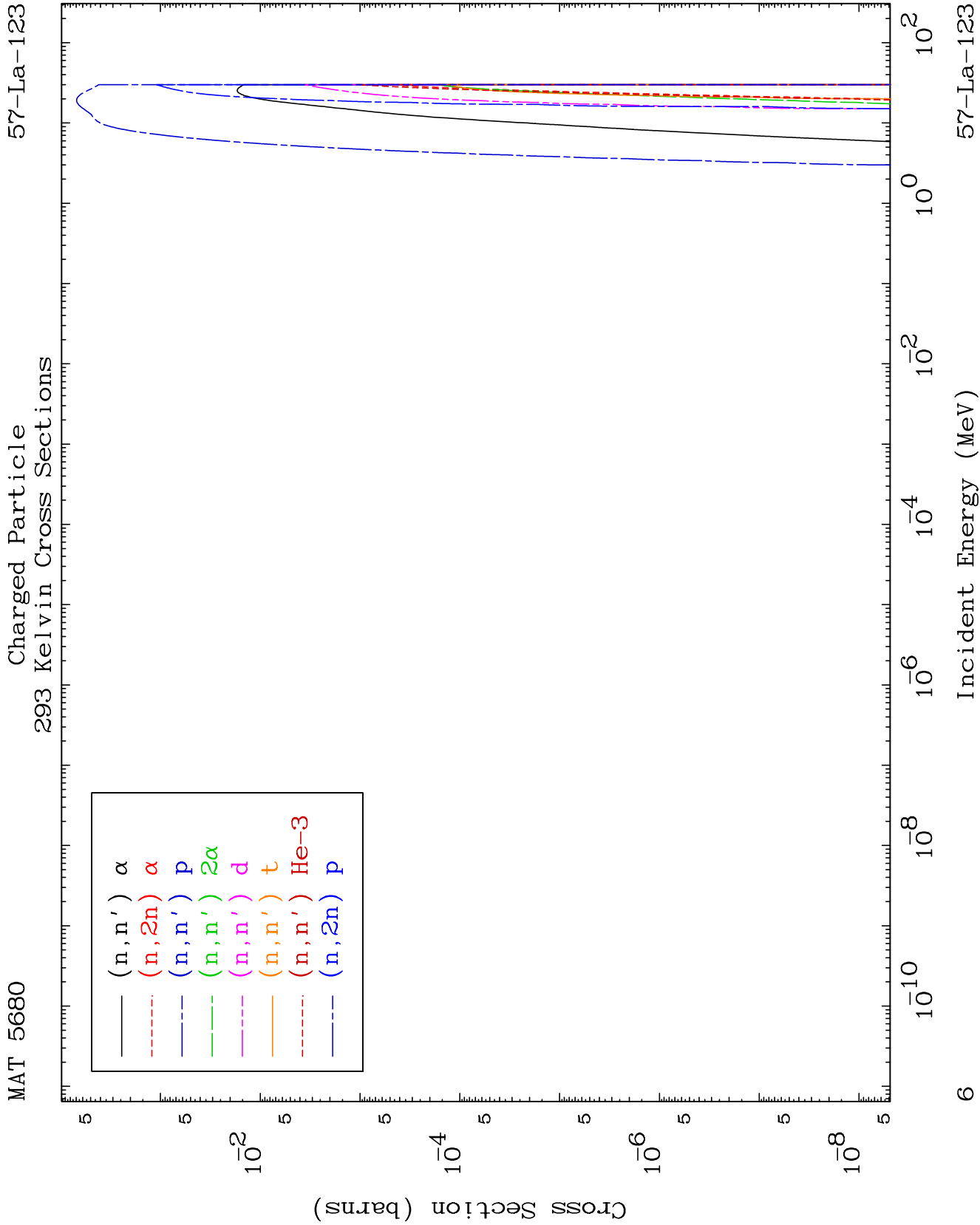
57-La-123

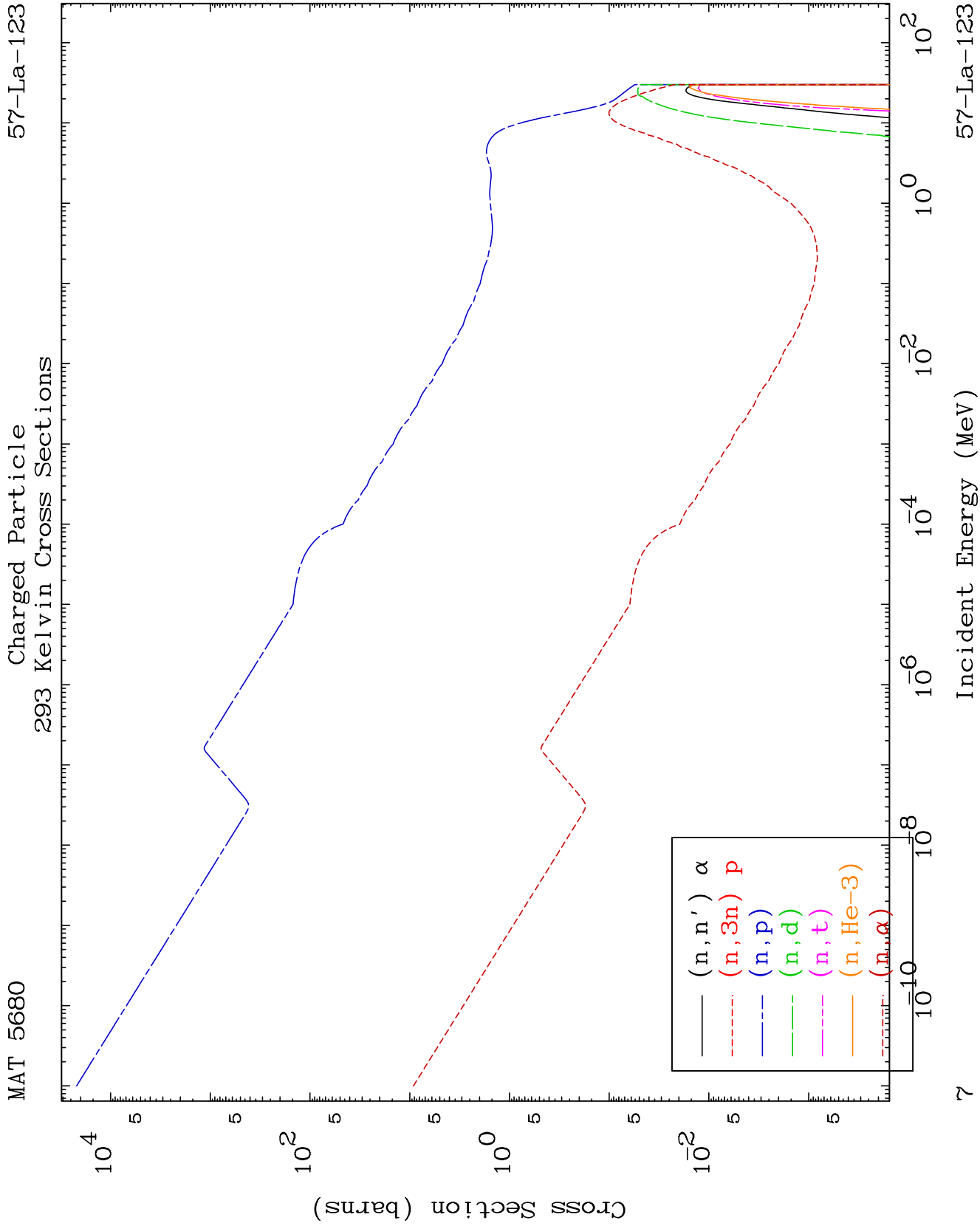


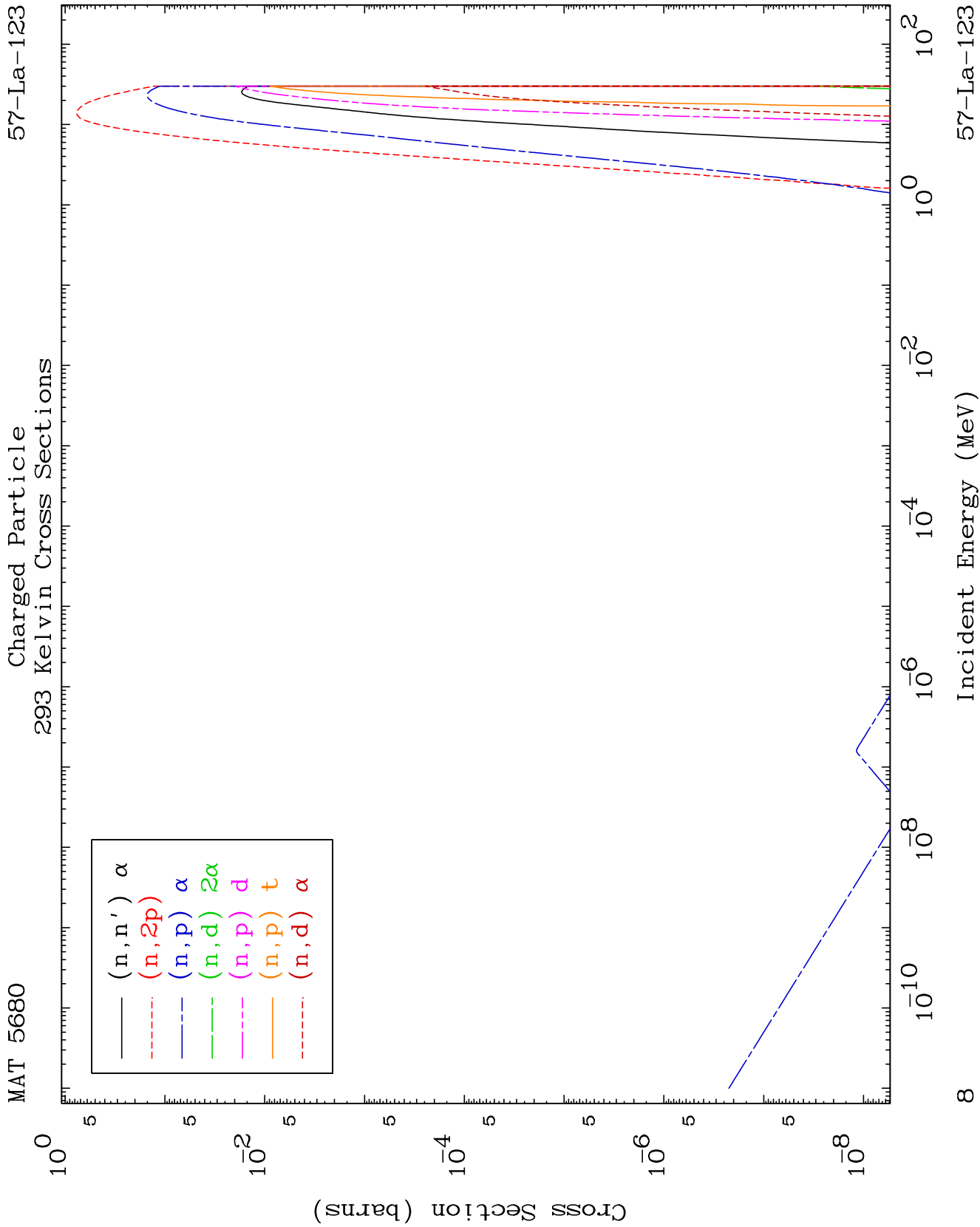


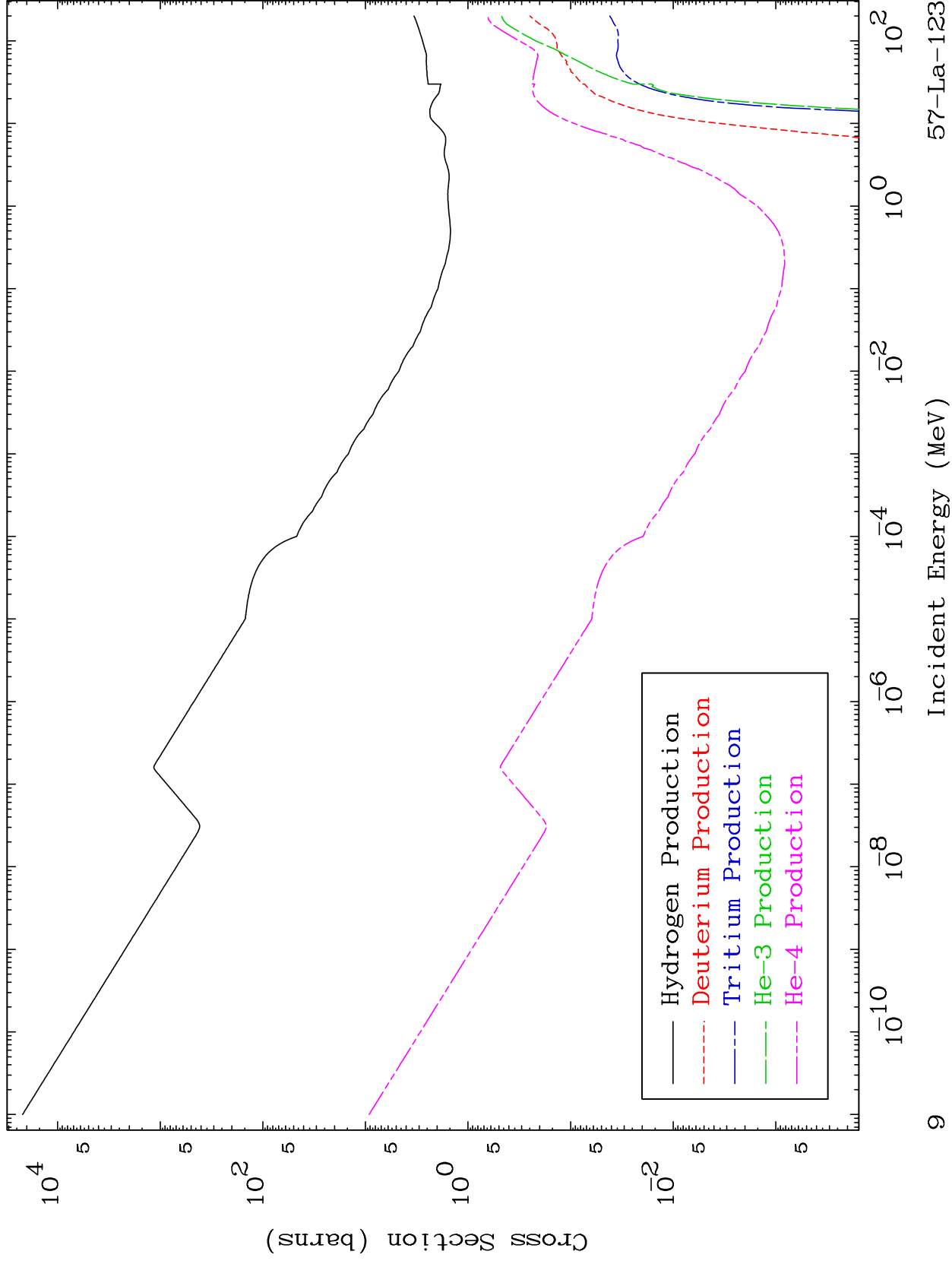


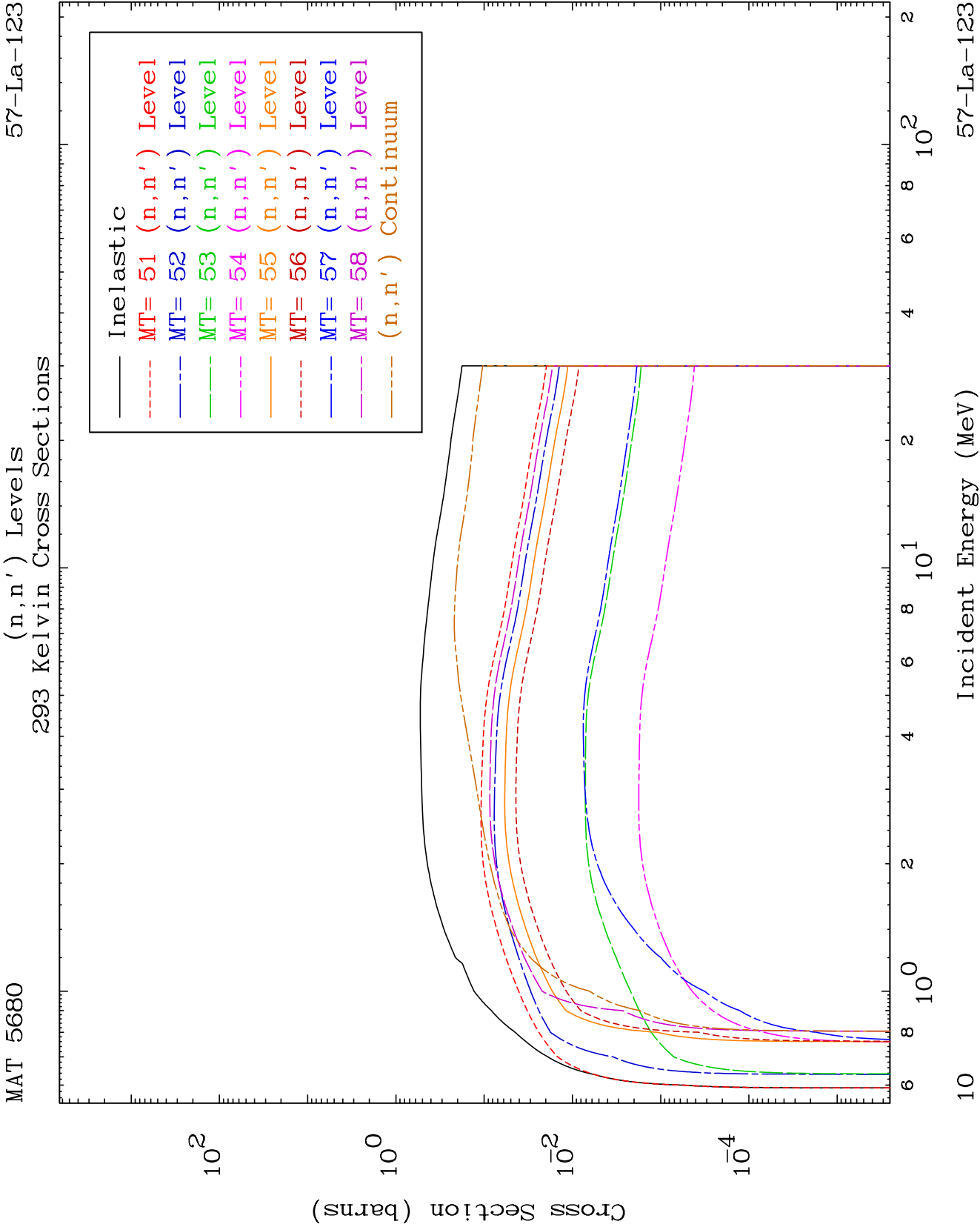


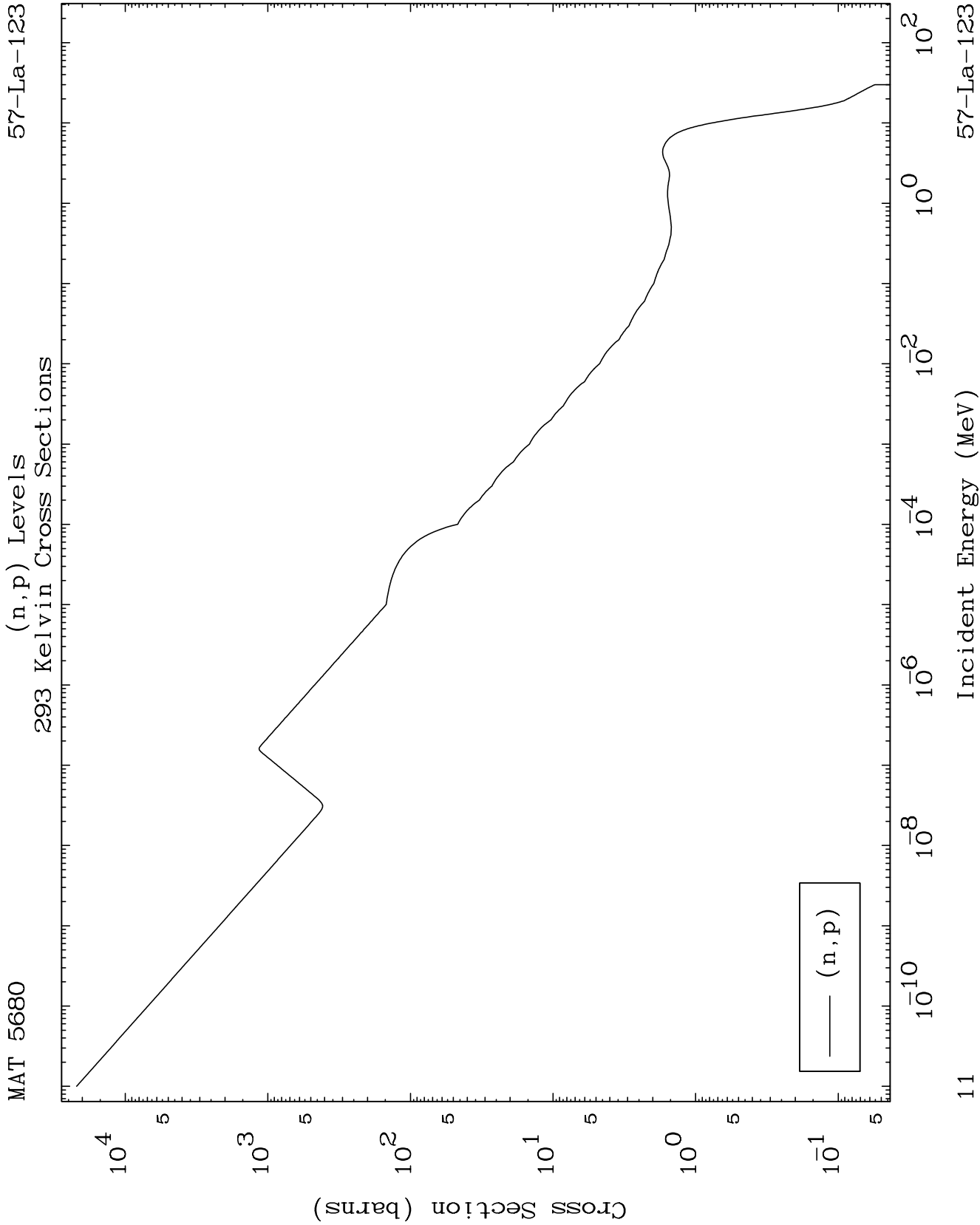








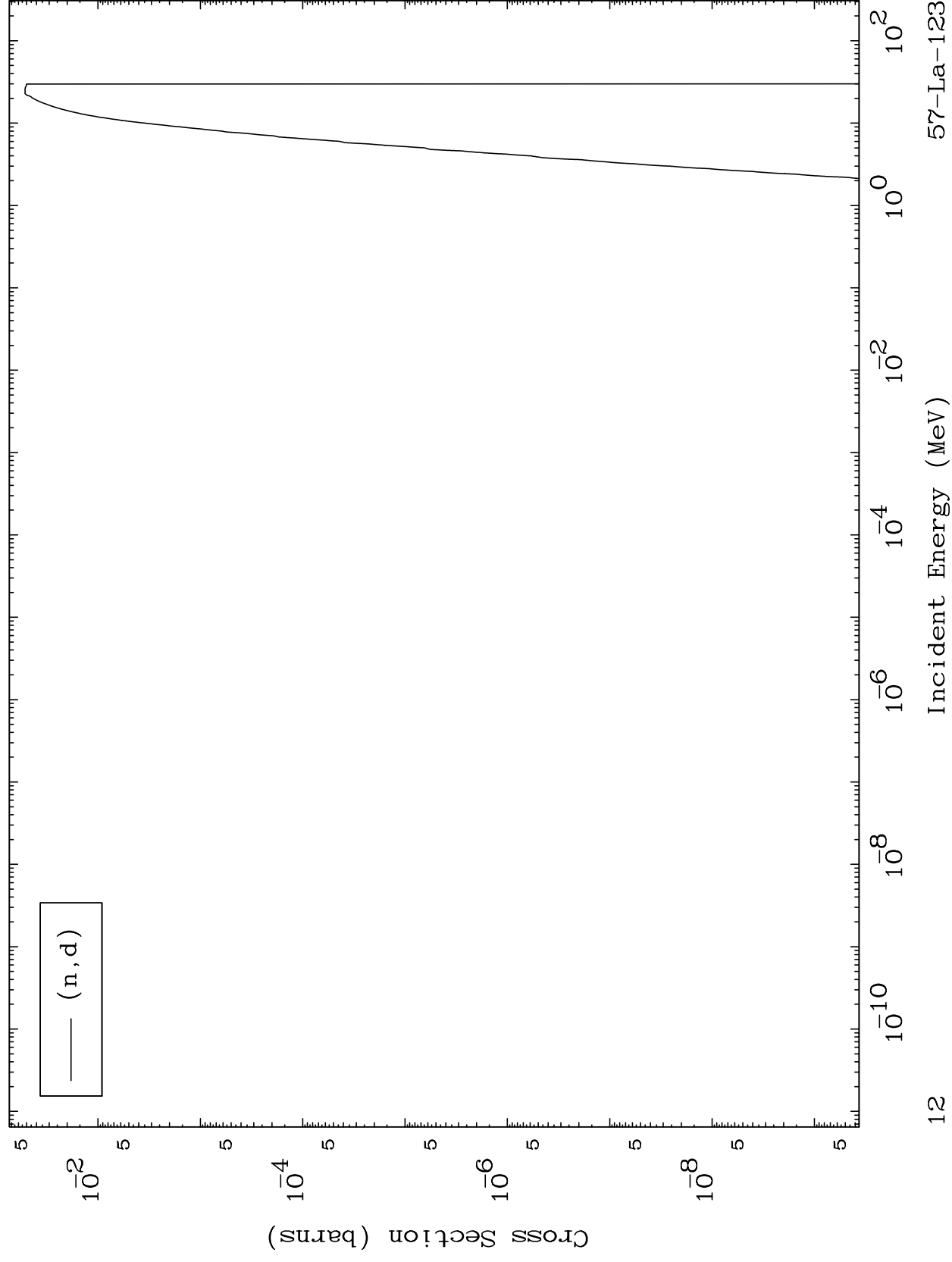




MAT 5680

(n,d) Levels
293 Kelvin Cross Sections

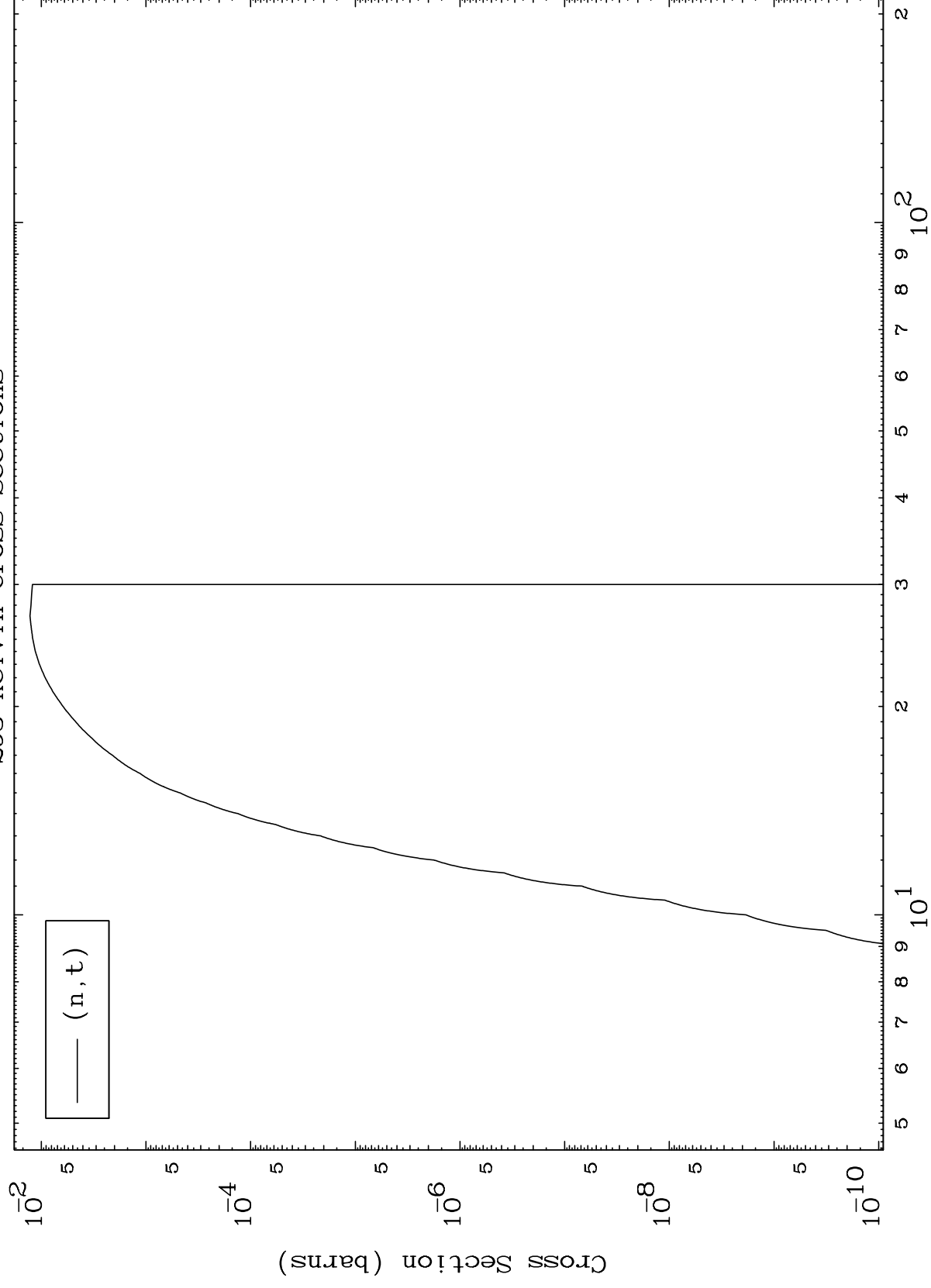
57-La-123



MAT 5680

57-La-123

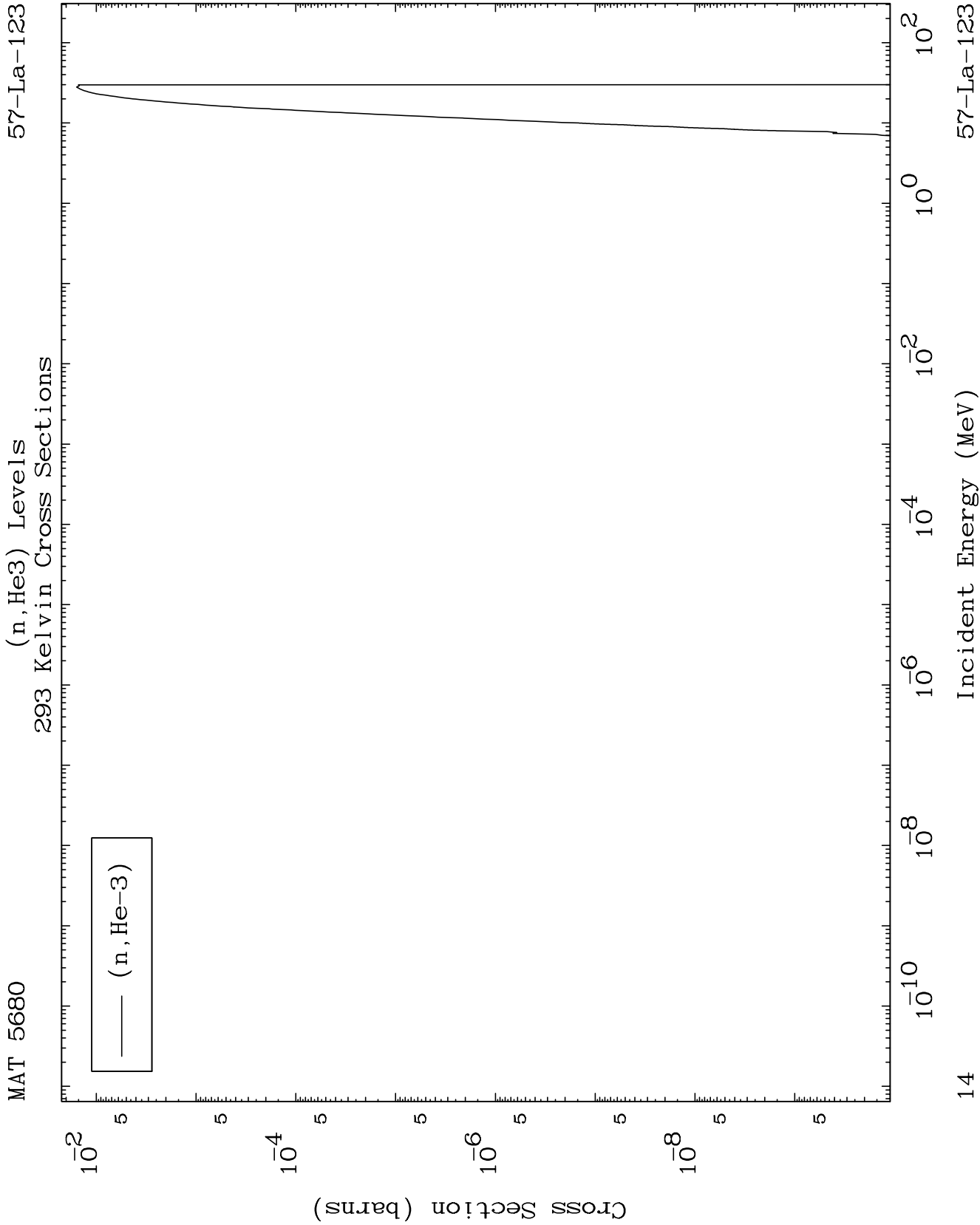
(n, t) Levels
293 Kelvin Cross Sections

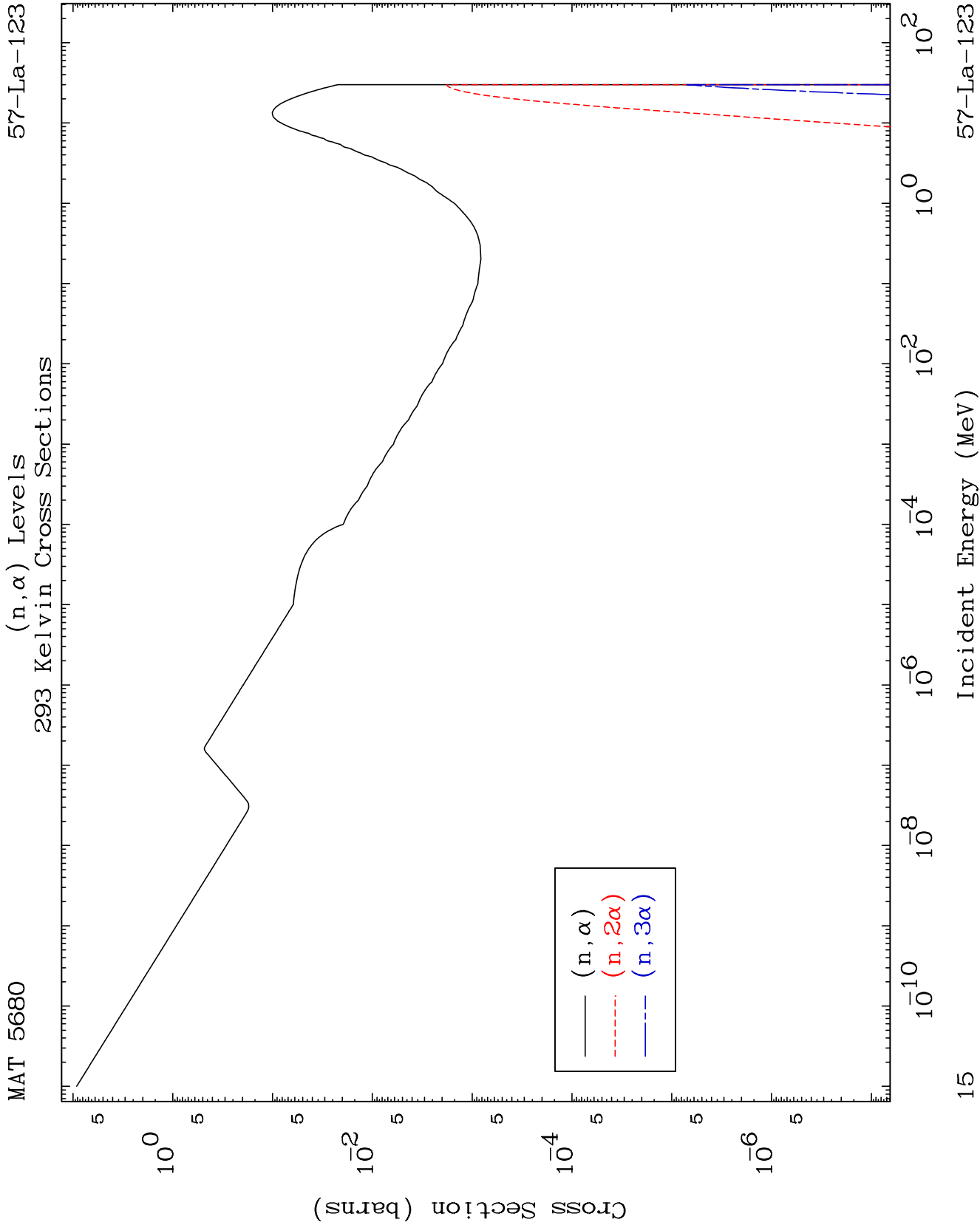


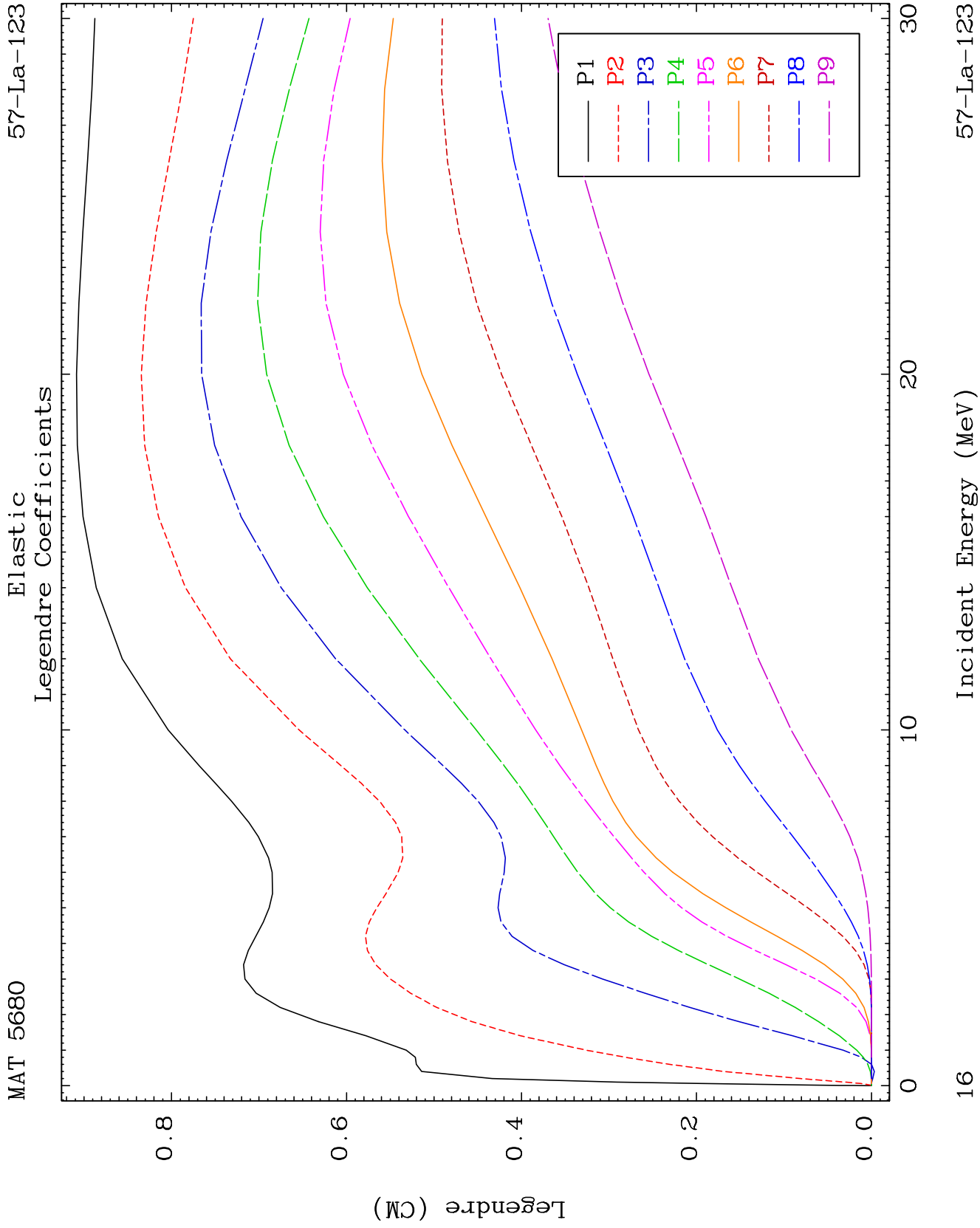
13

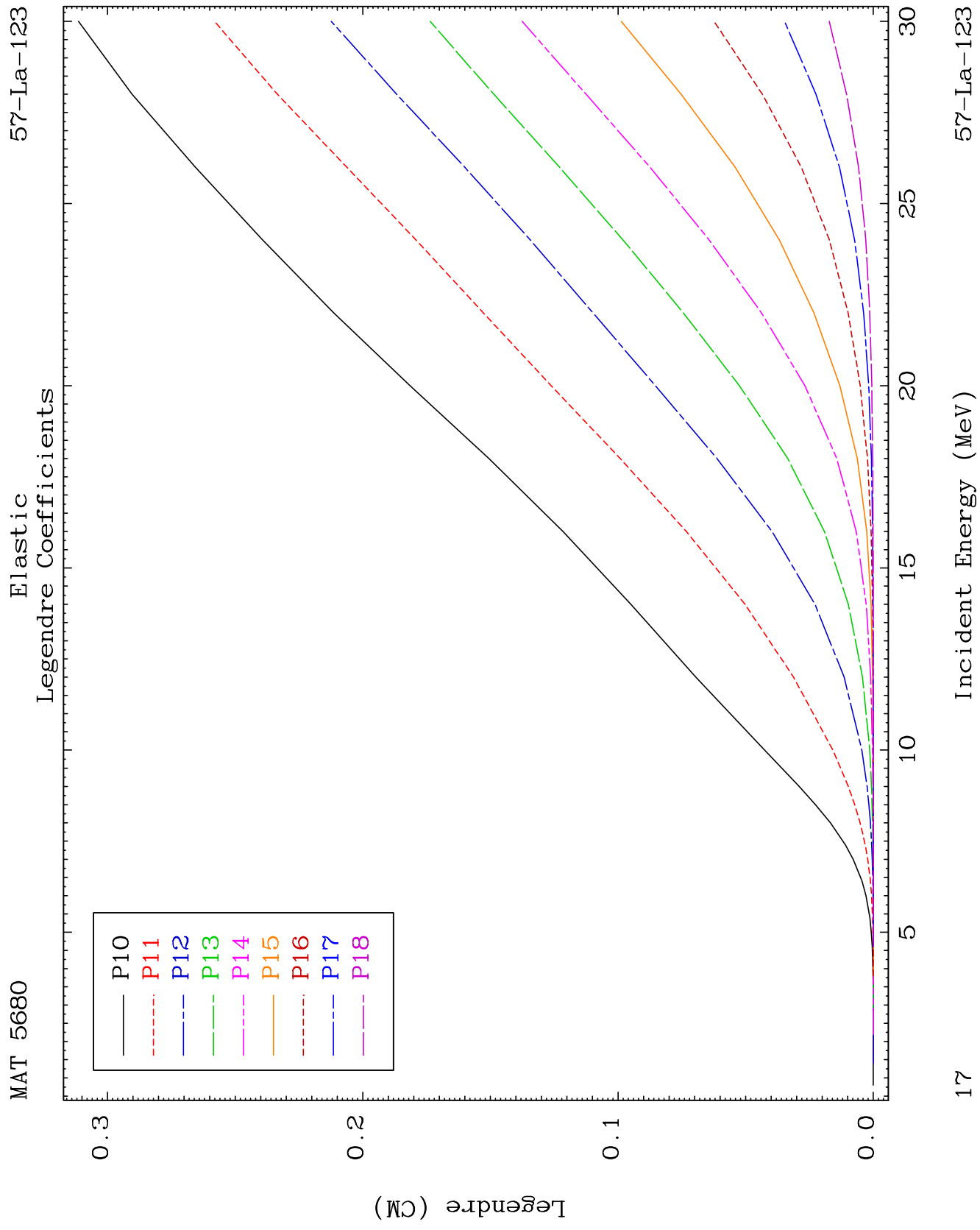
Incident Energy (MeV)

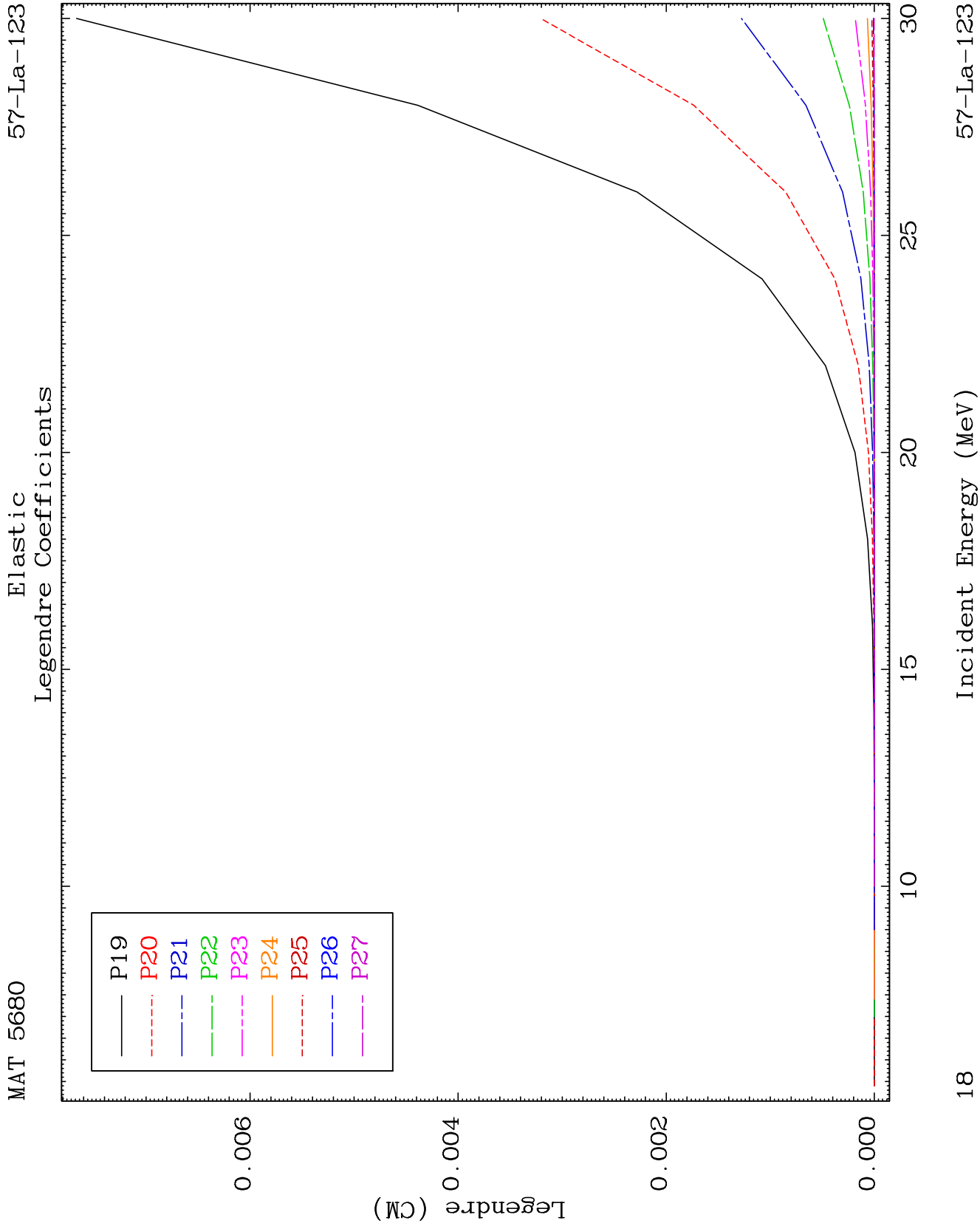
57-La-123

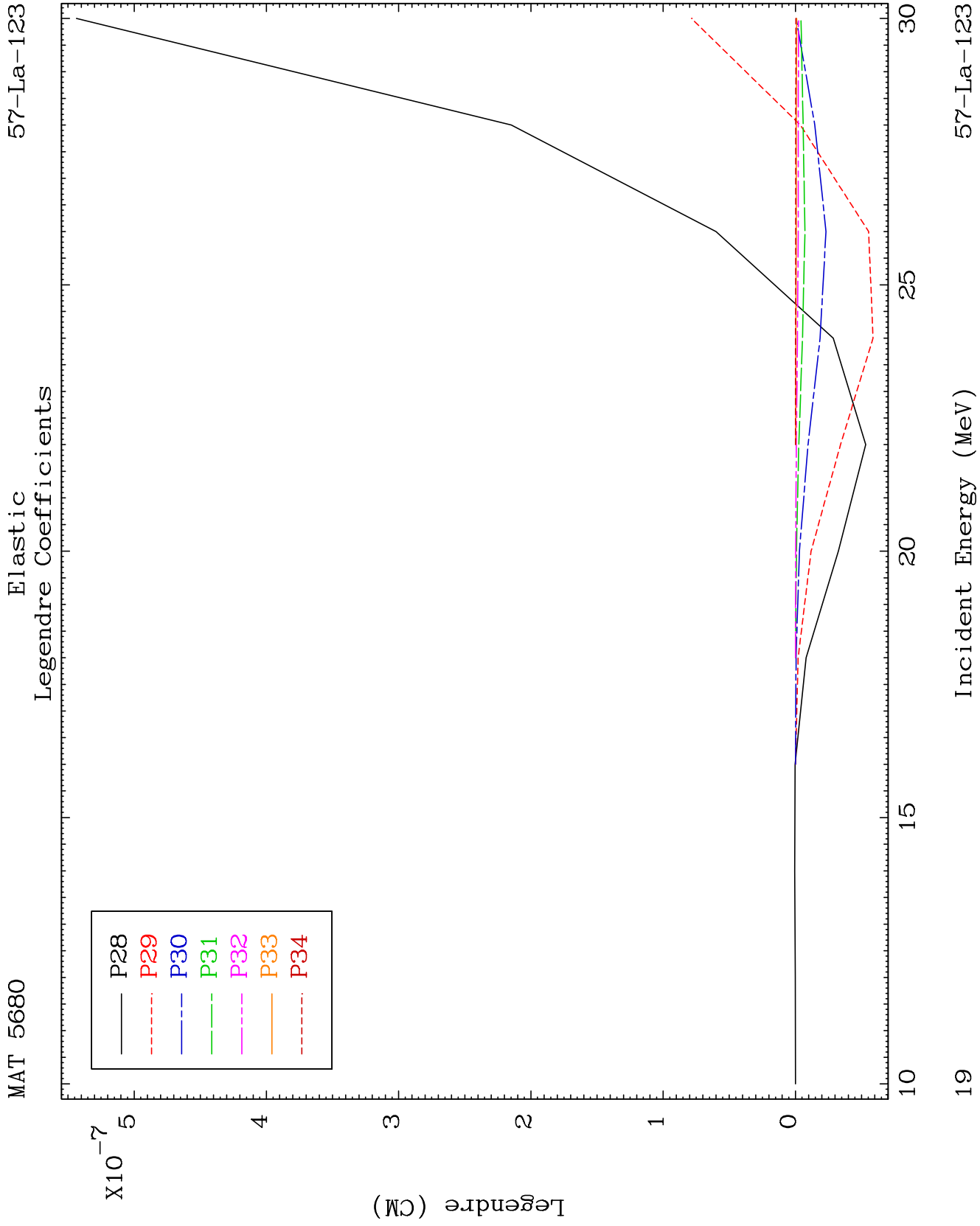








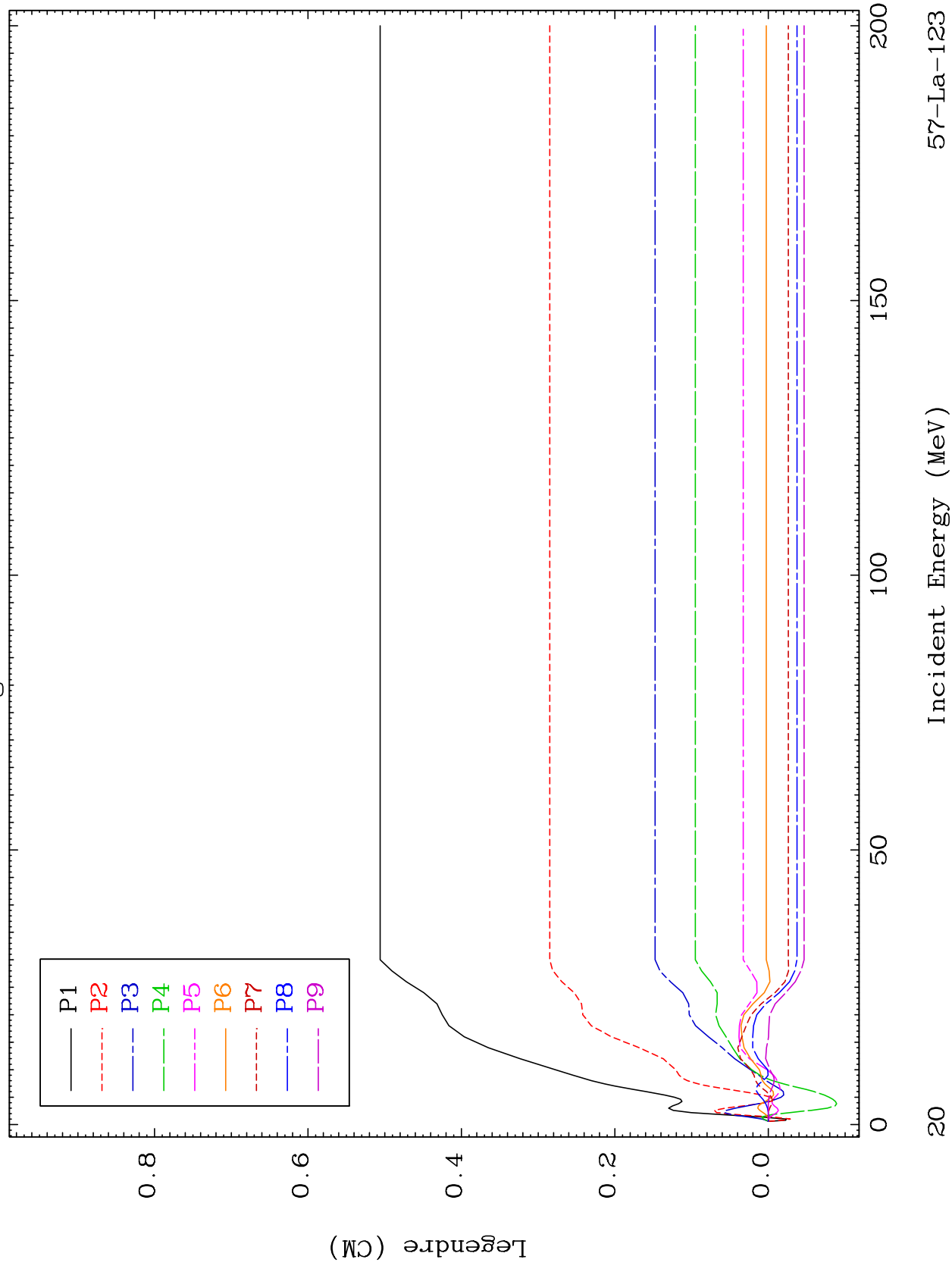




MAT 5680

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

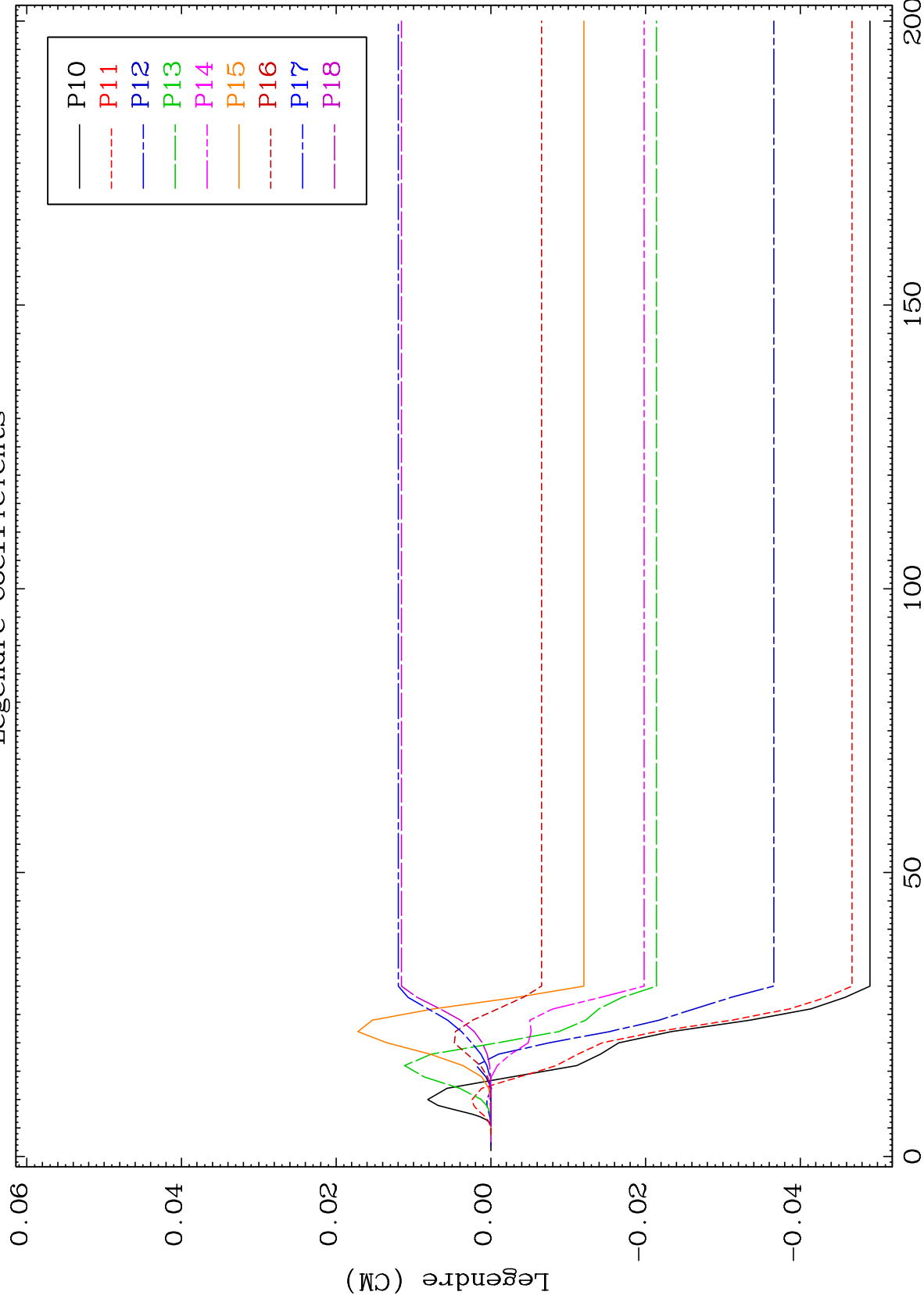
57-La-123



MAT 5680

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

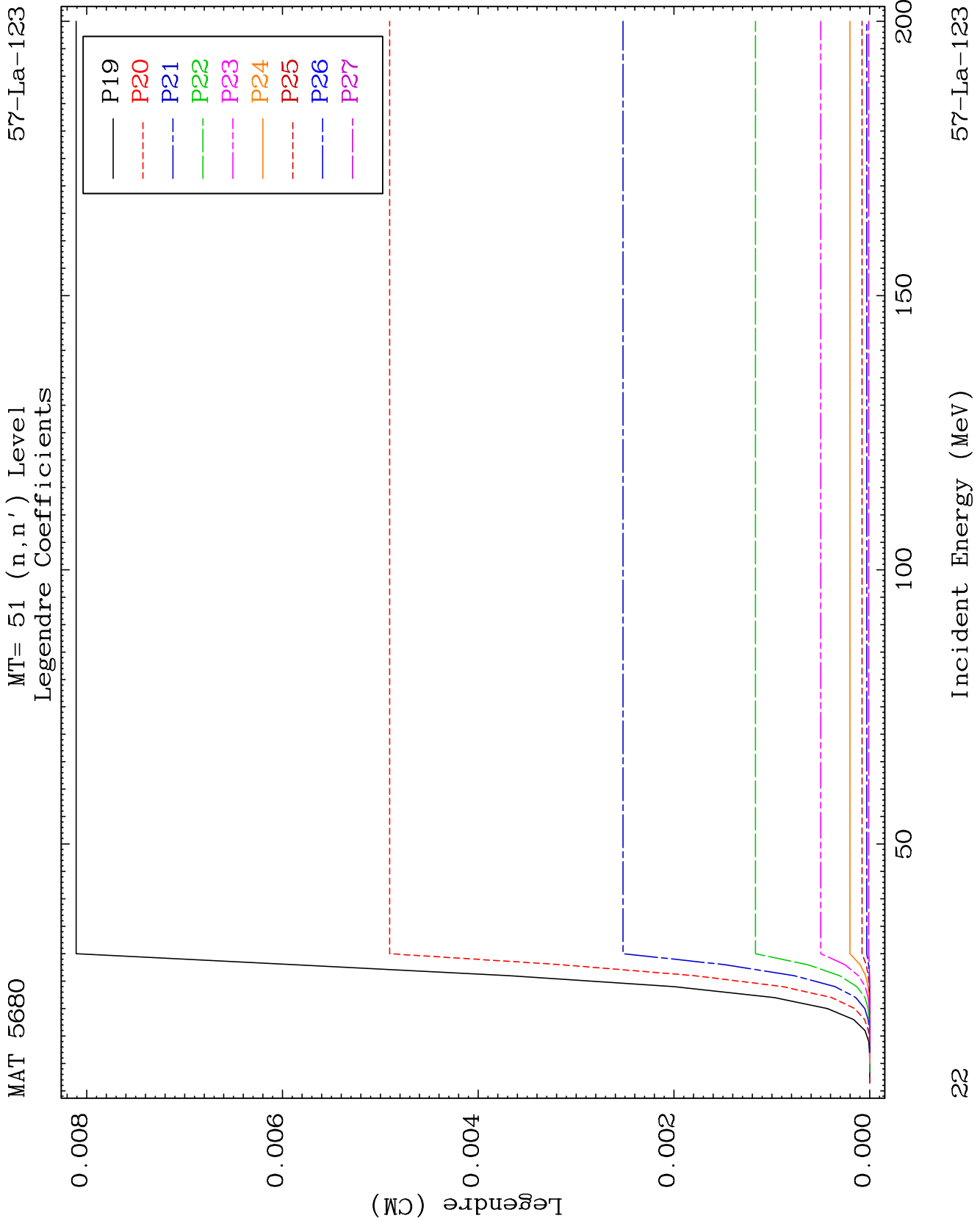
57-La-123

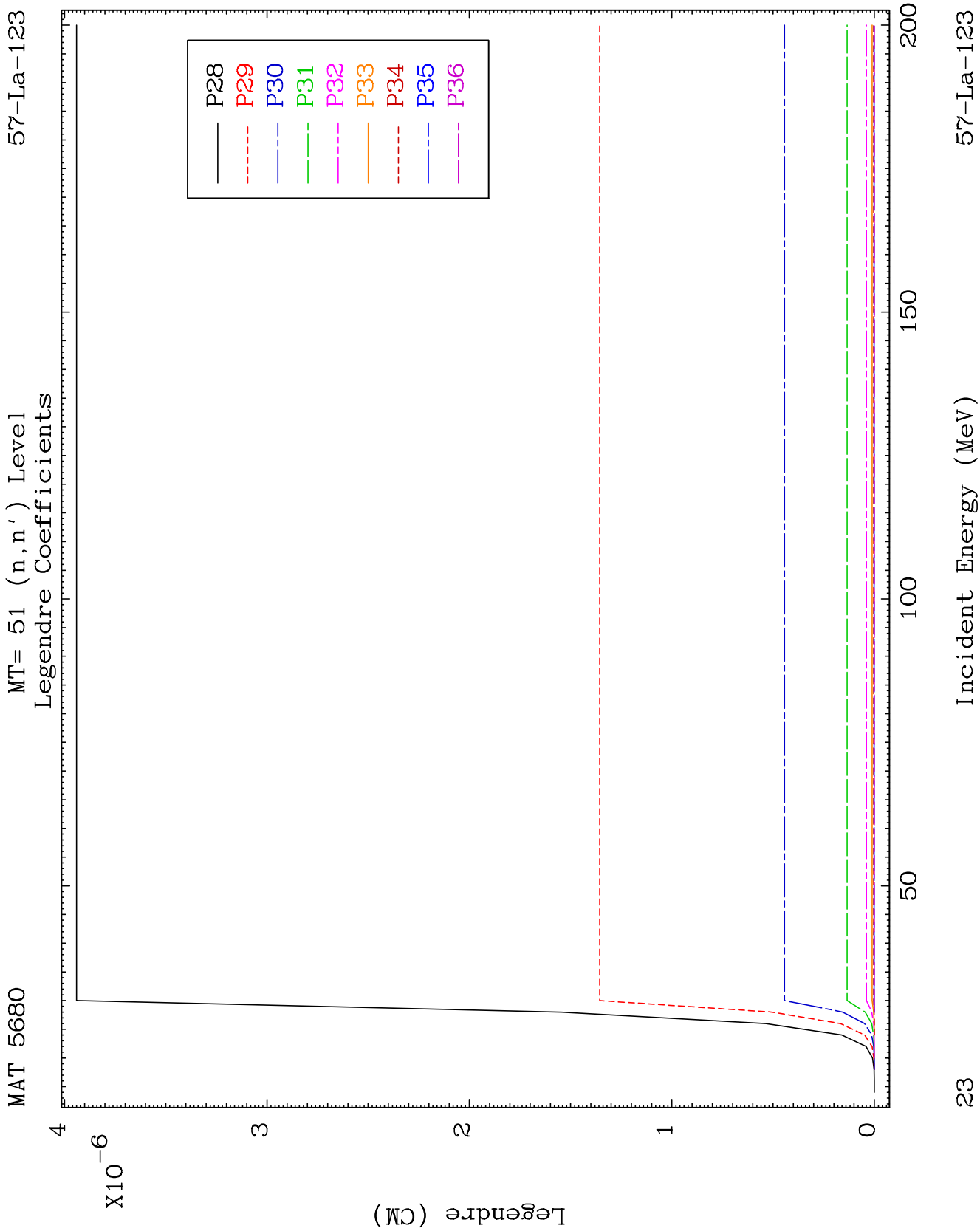


21

Incident Energy (MeV)

57-La-123

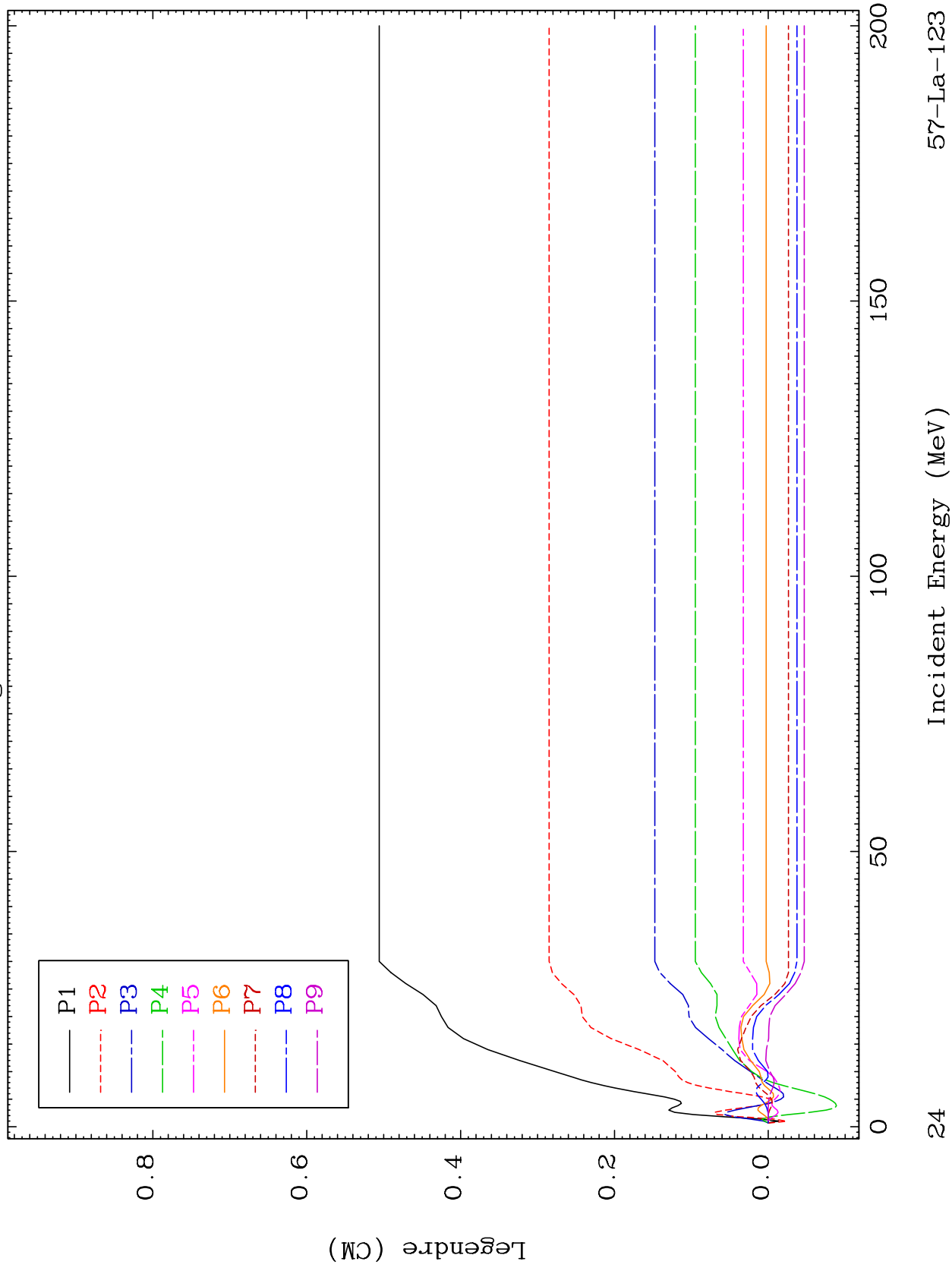




MAT 5680

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

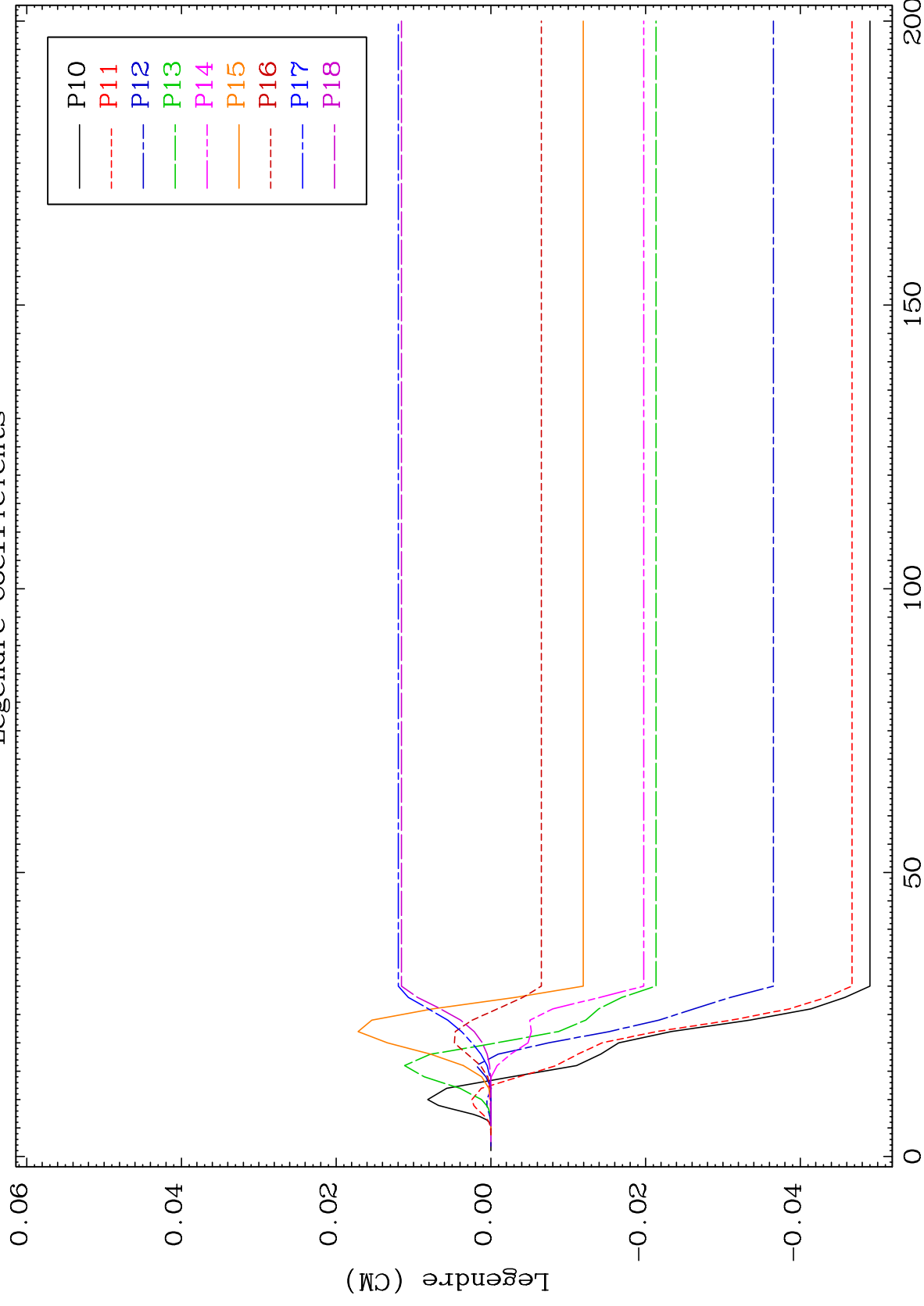
57-La-123



MAT 5680

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

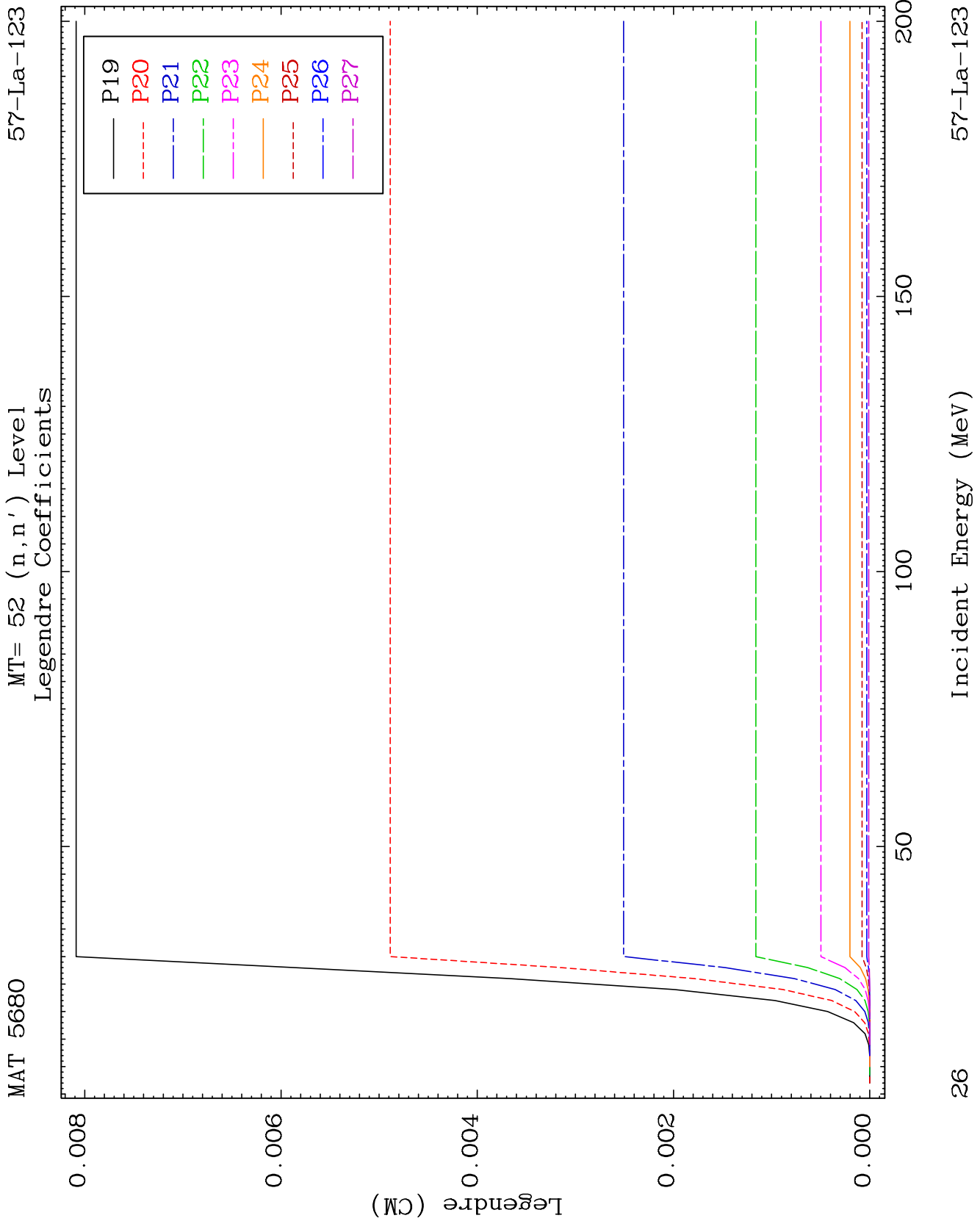
57-La-123

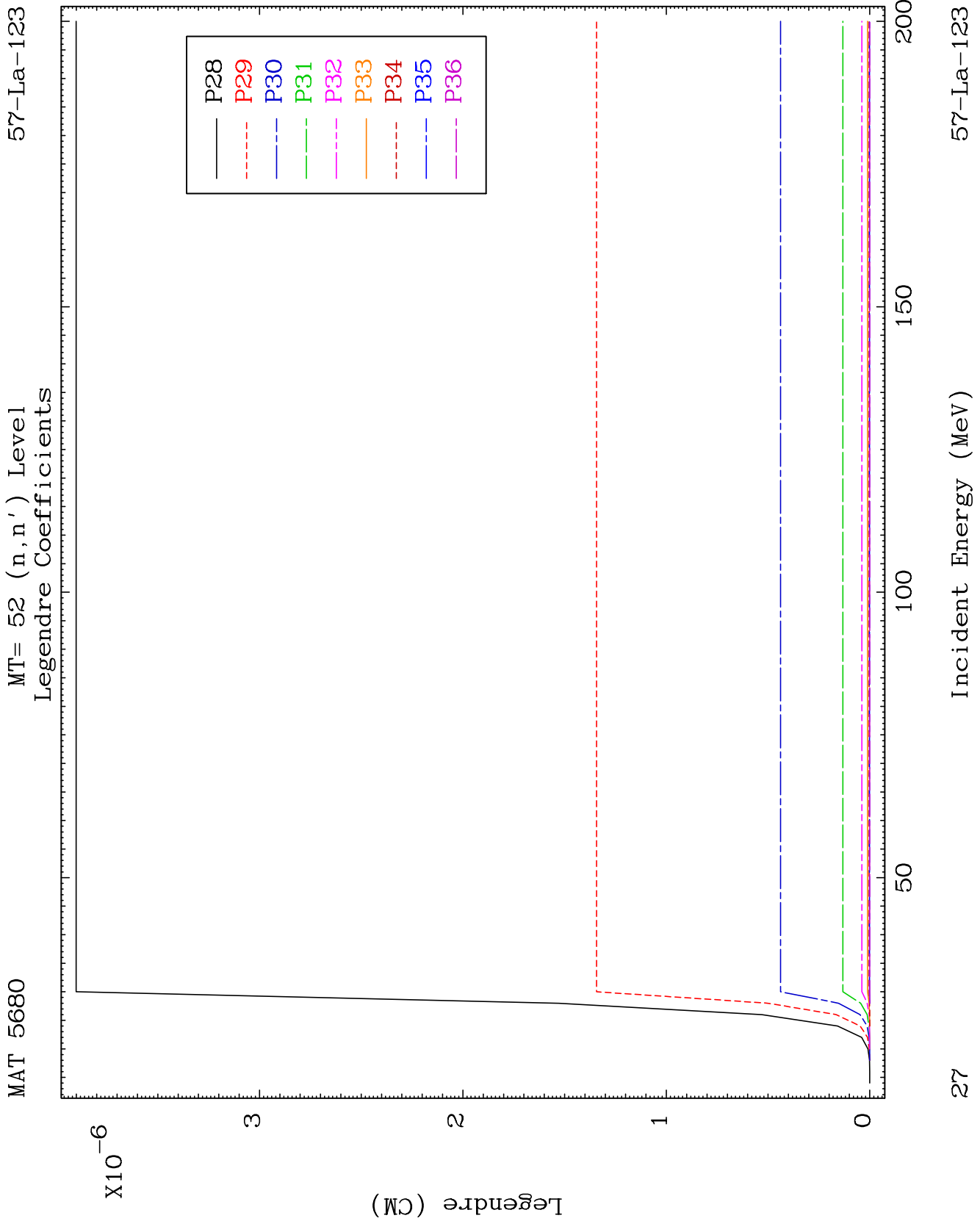


25

Incident Energy (MeV)

57-La-123

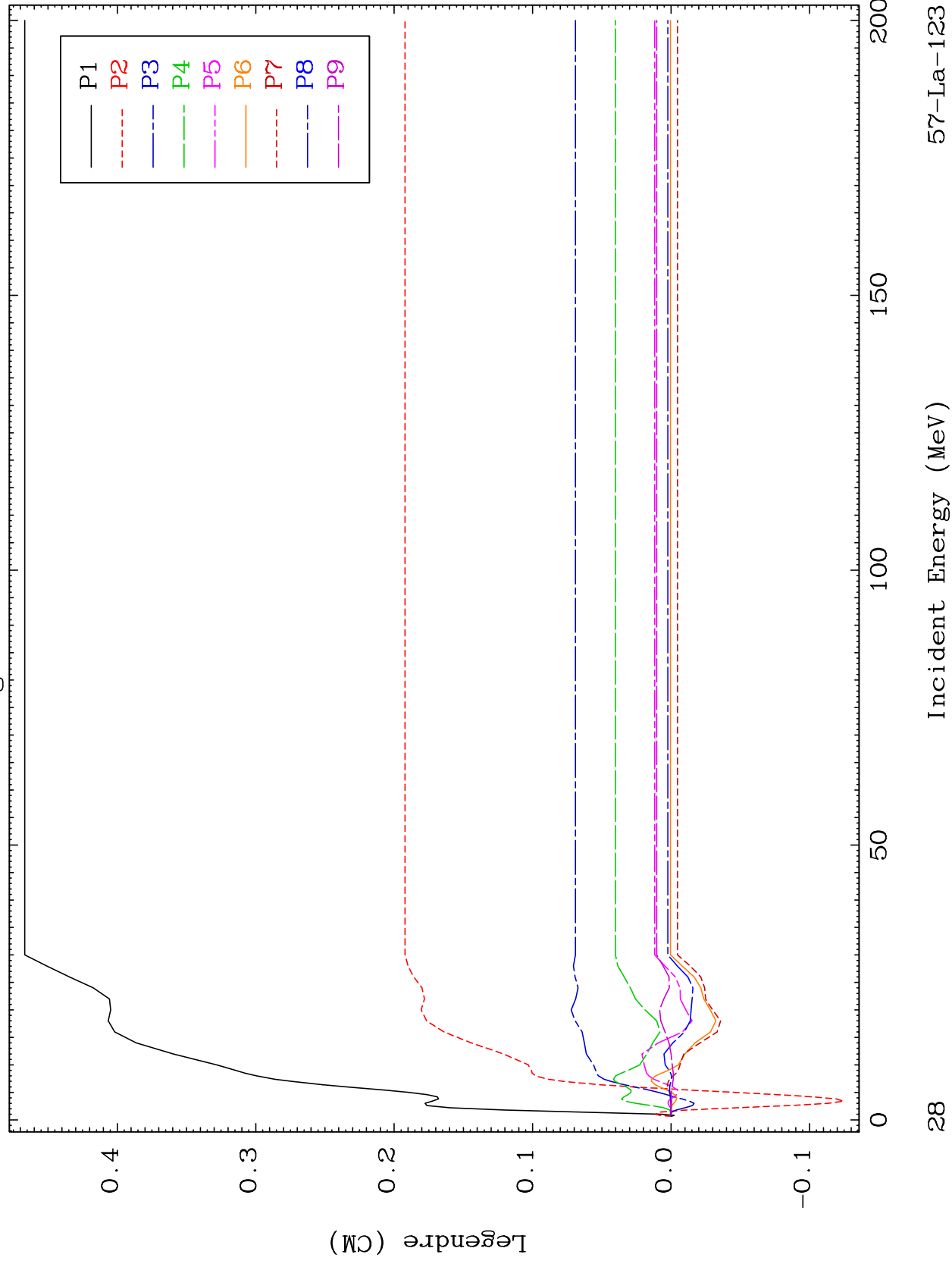


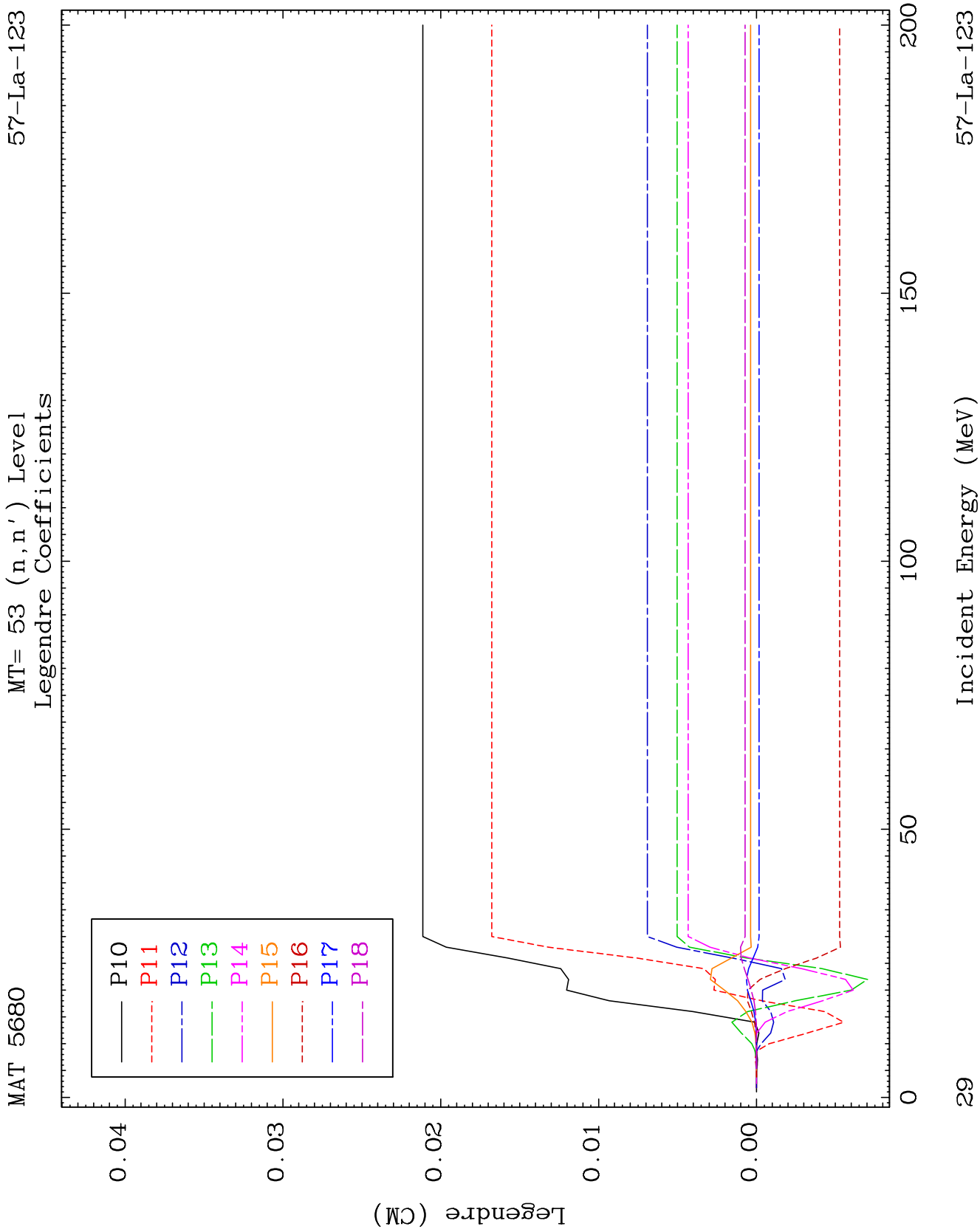


MAT 5680

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

57-La-123

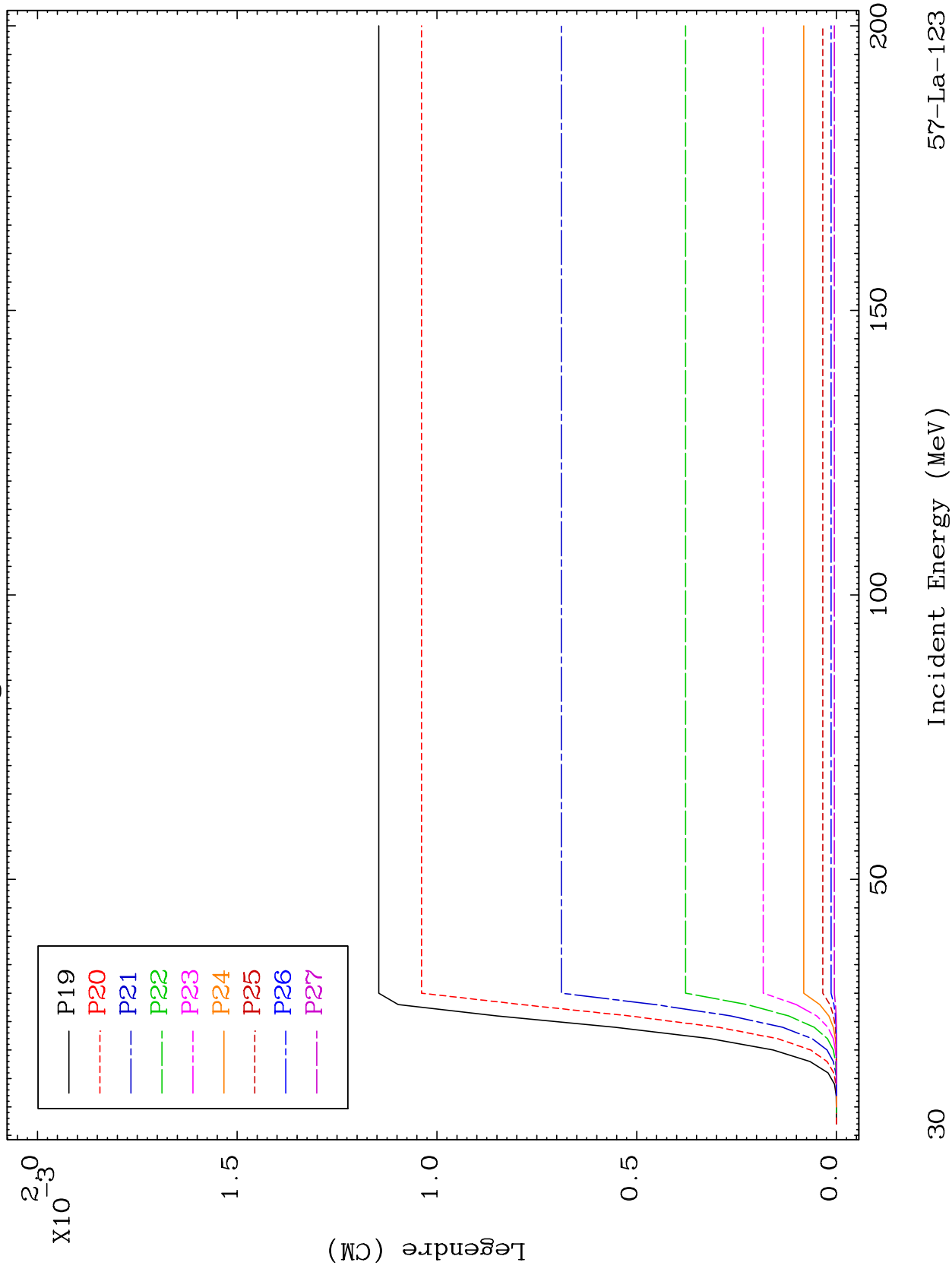


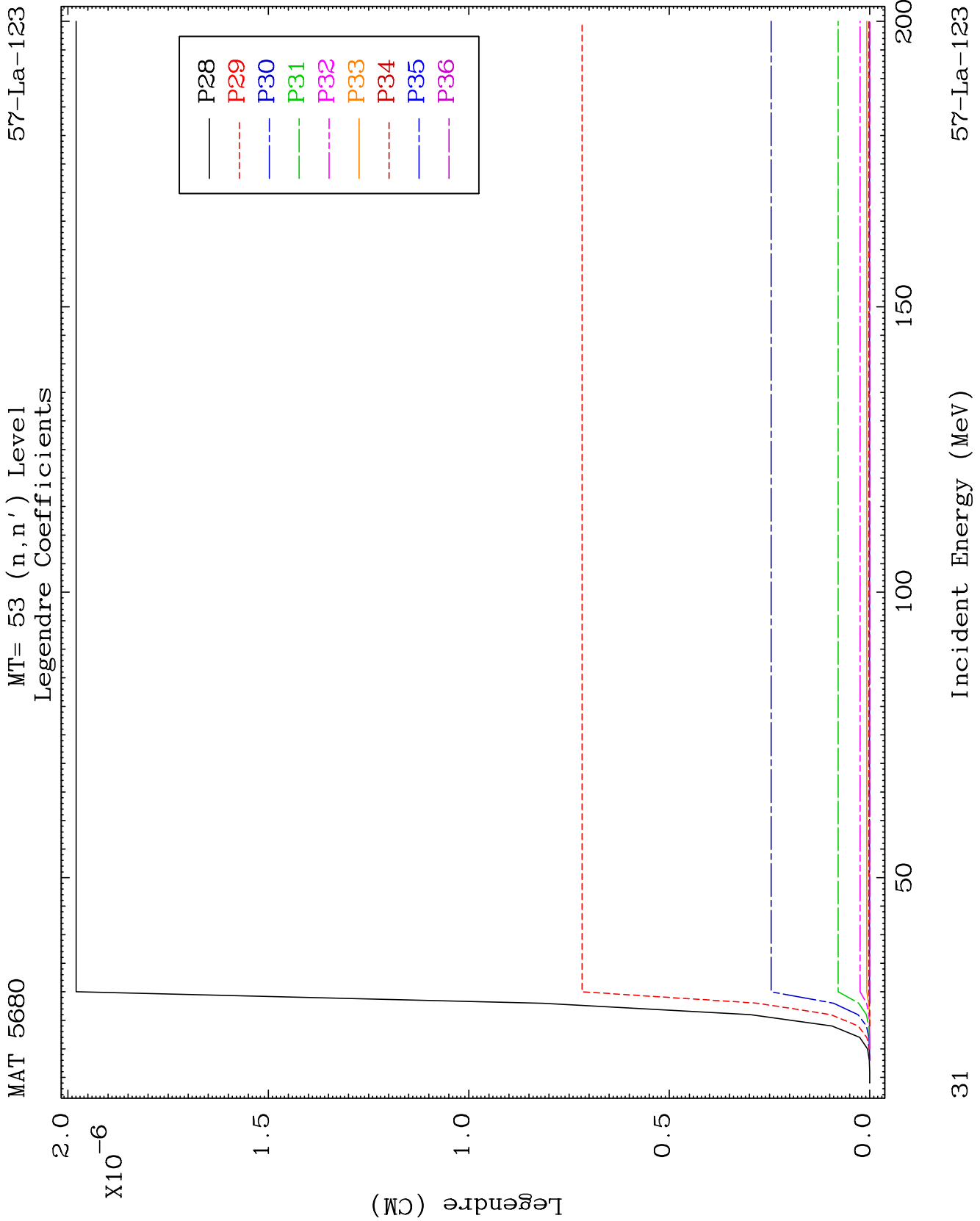


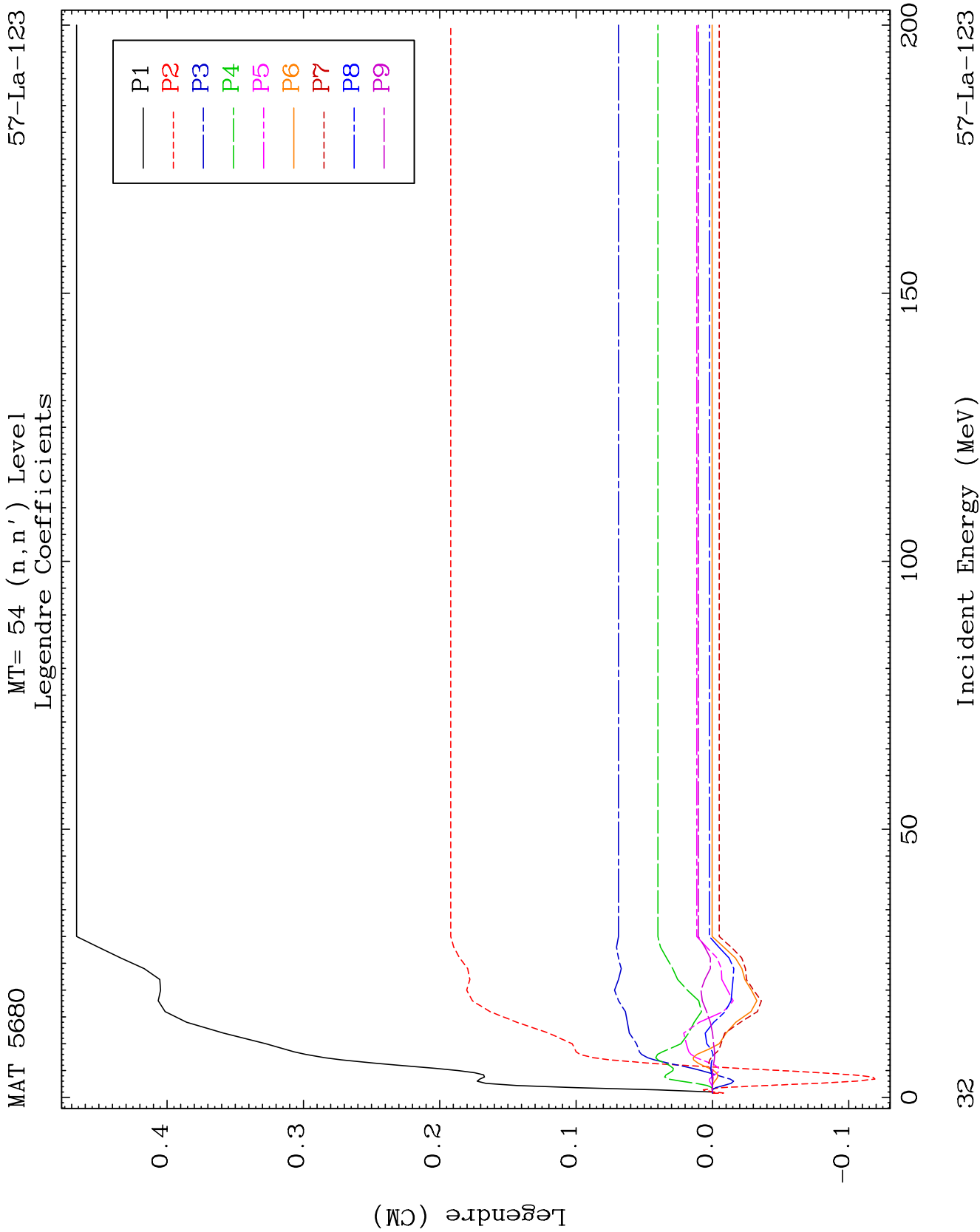
MAT 5680

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

57-La-123



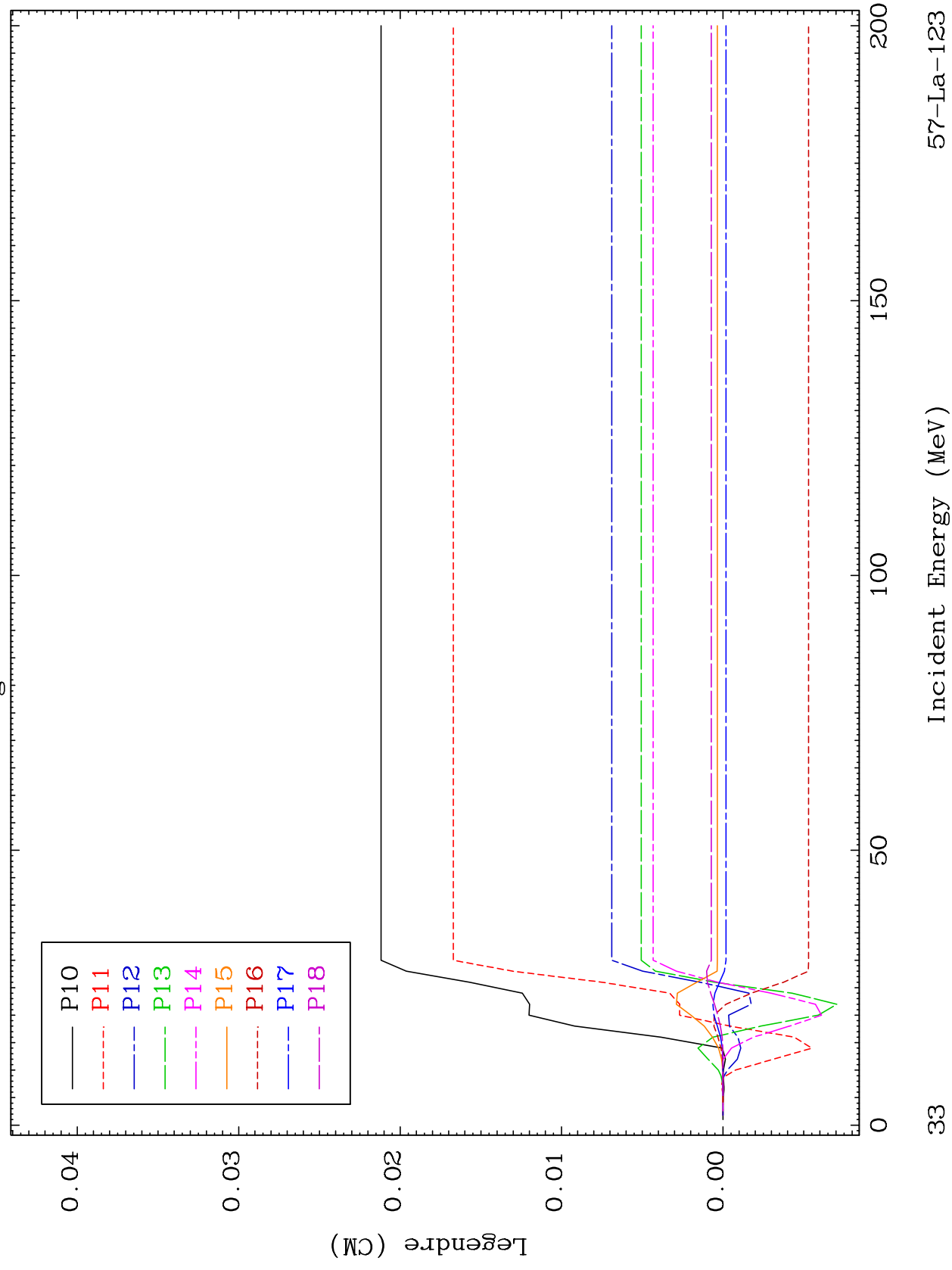


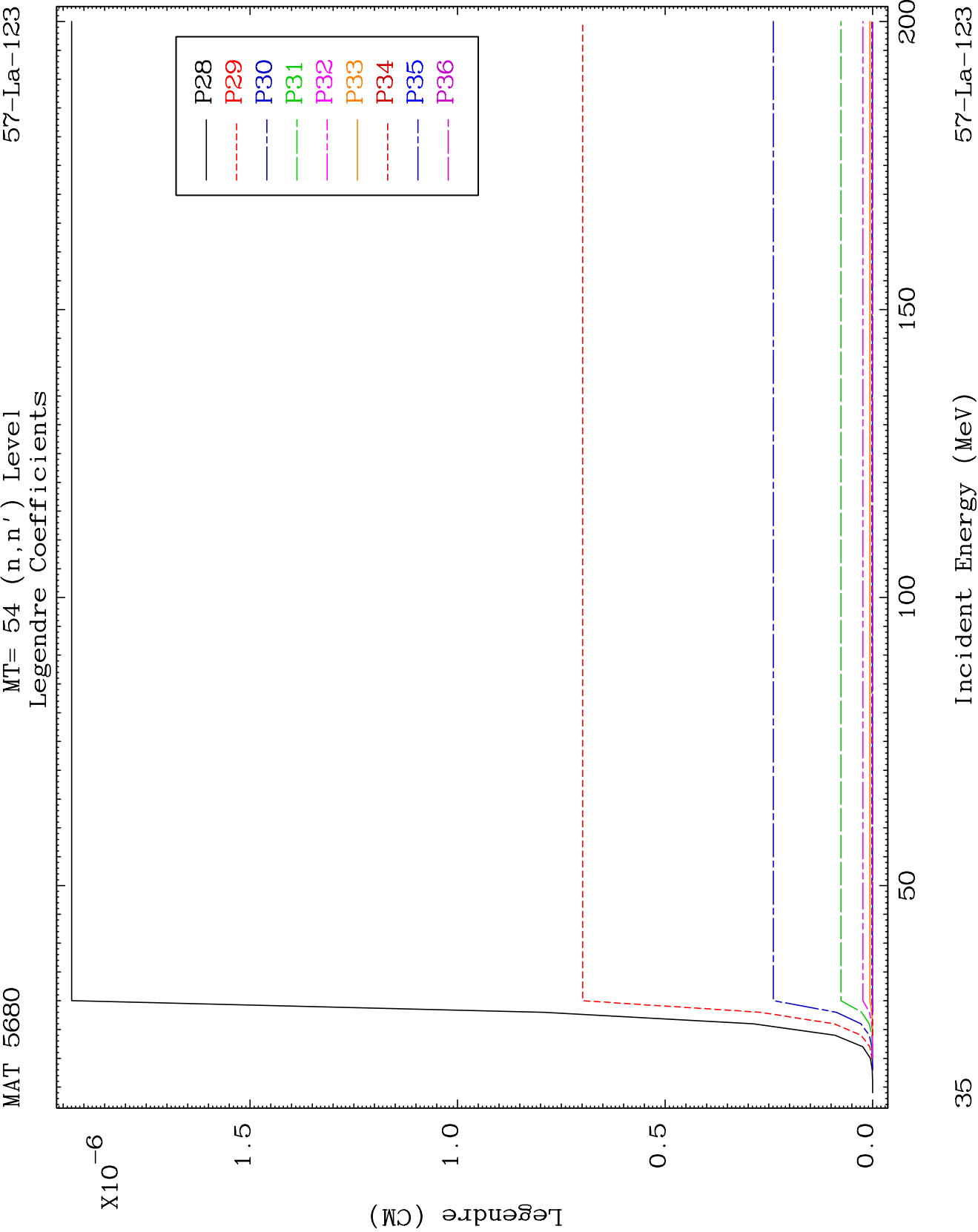


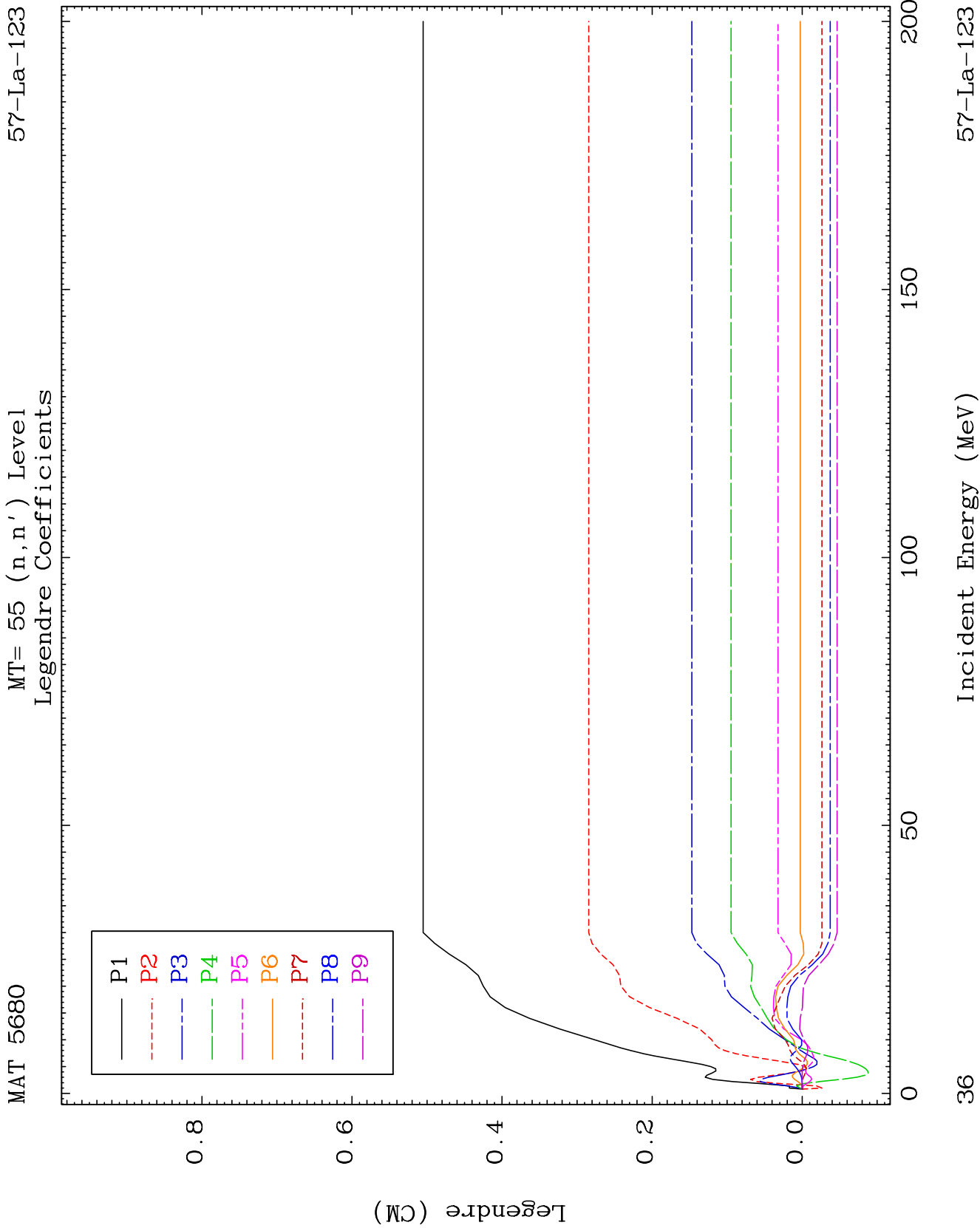
MAT 5680

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

57-La-123



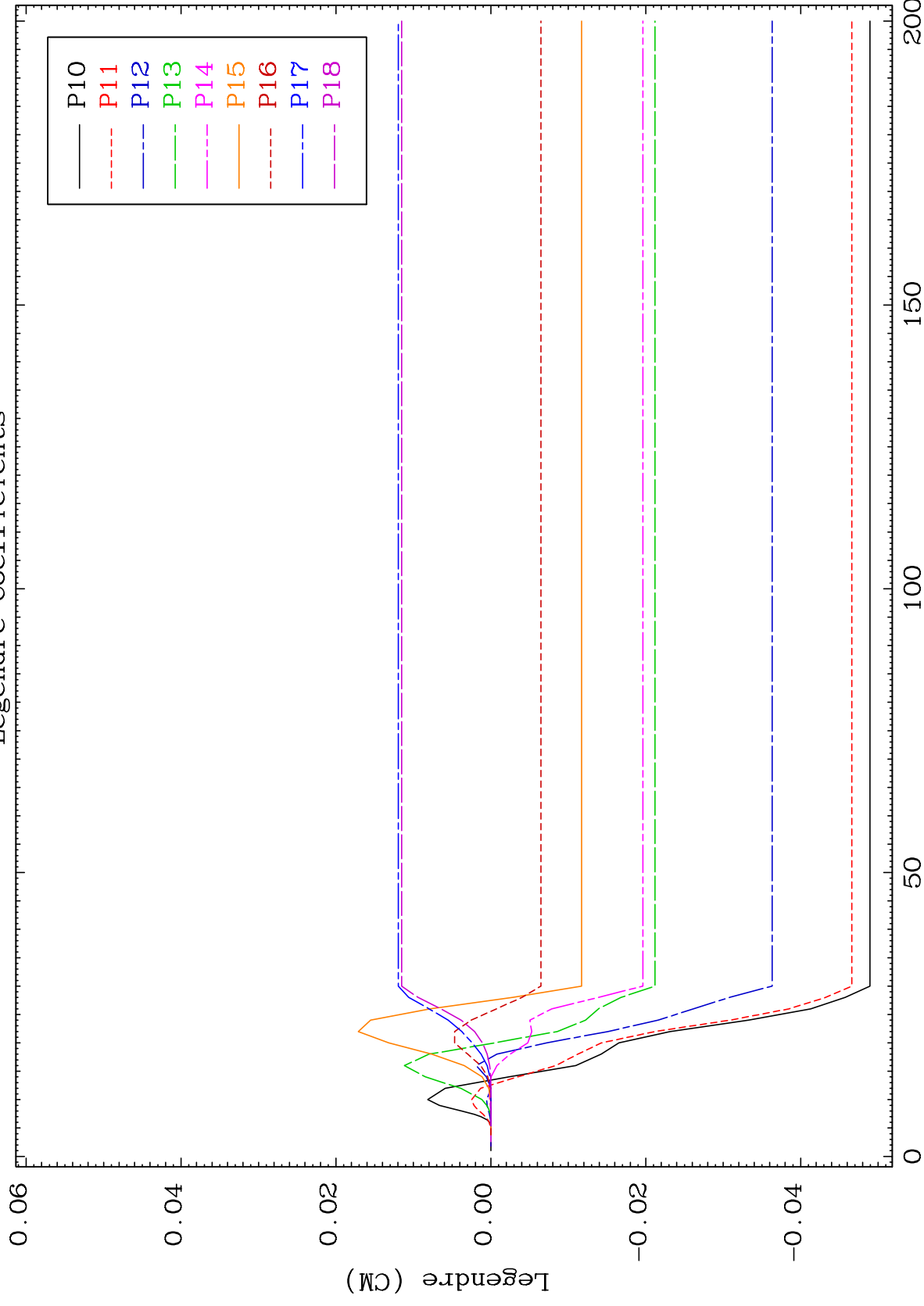




MAT 5680

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

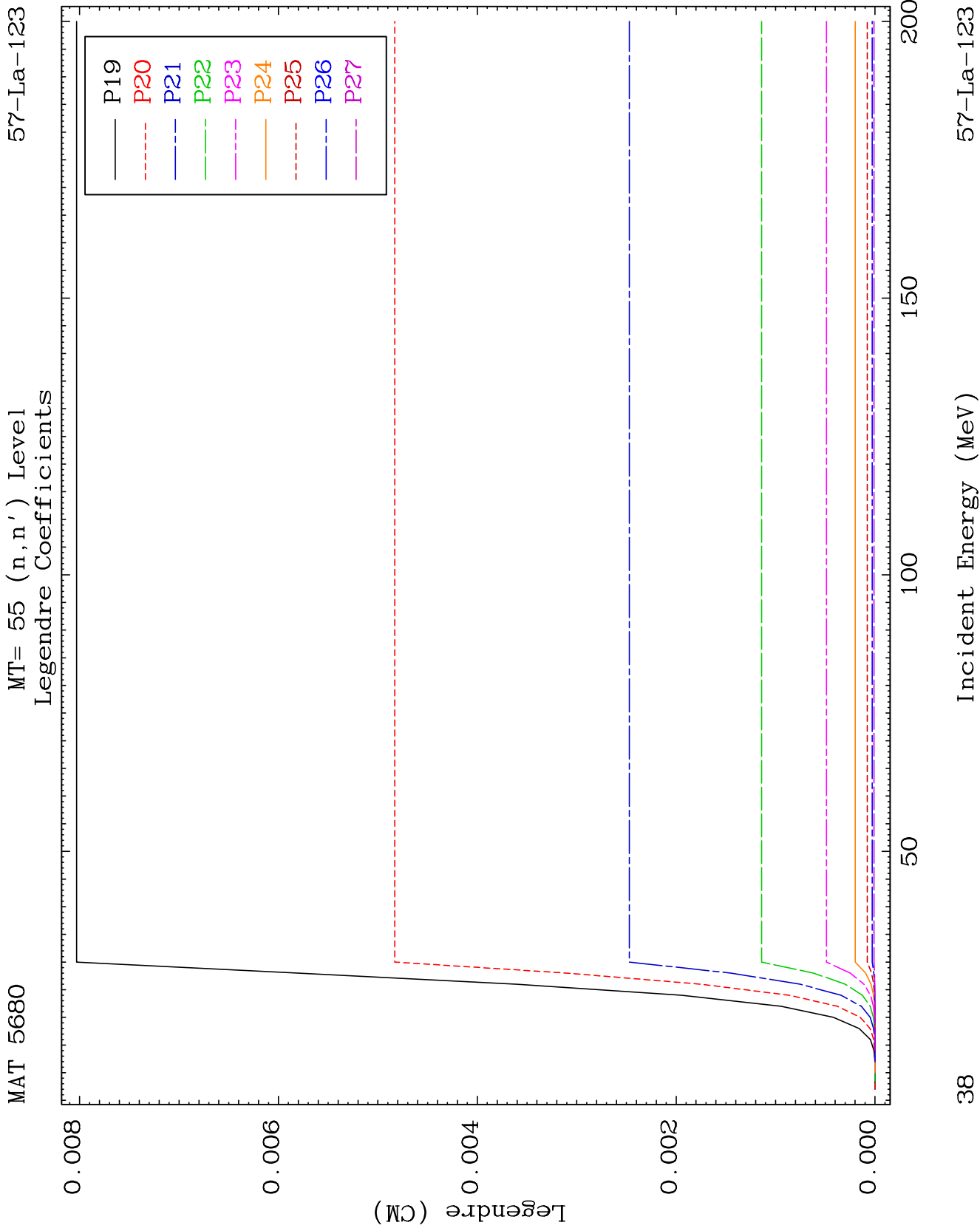
57-La-123

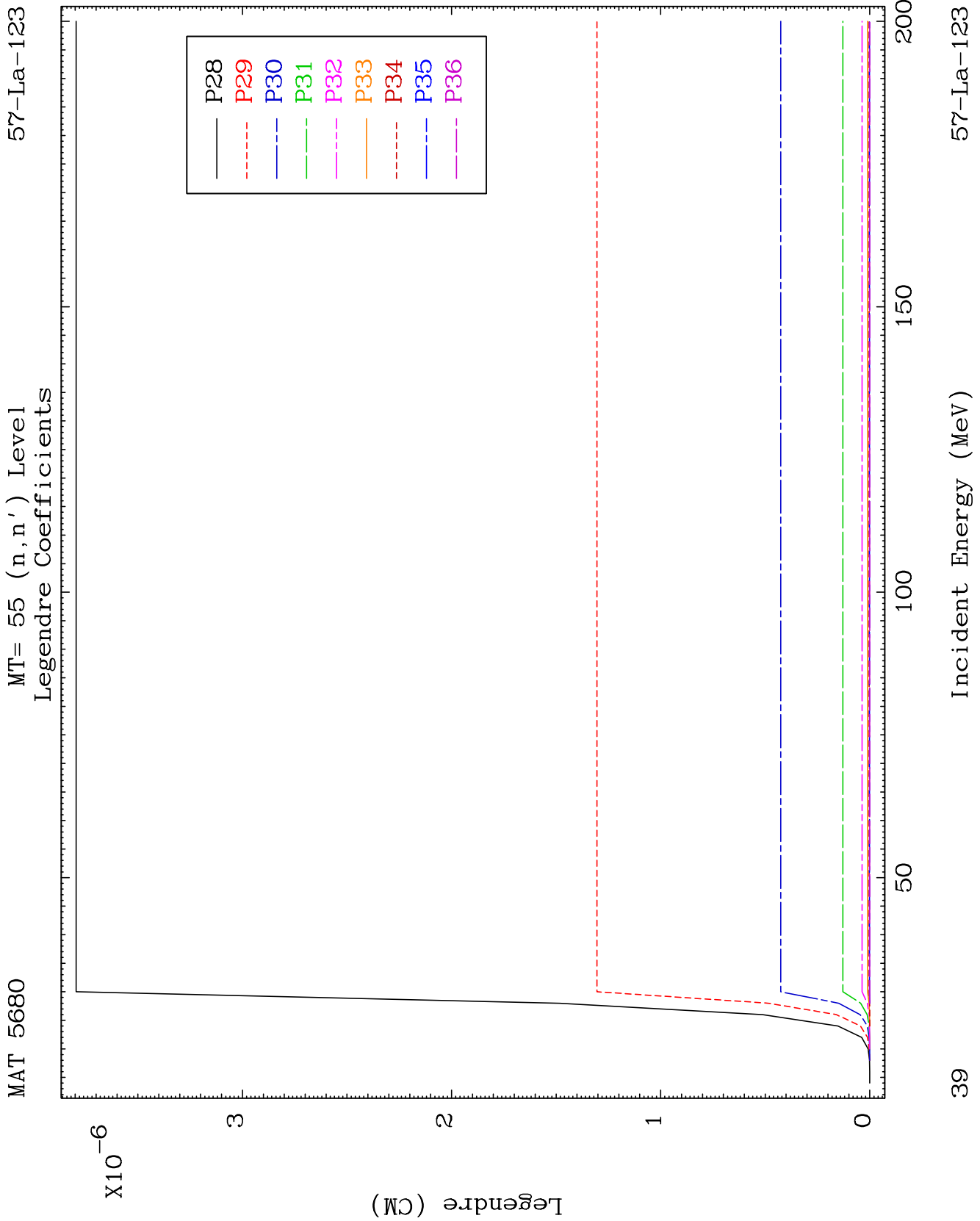


23

Incident Energy (MeV)

57-La-123

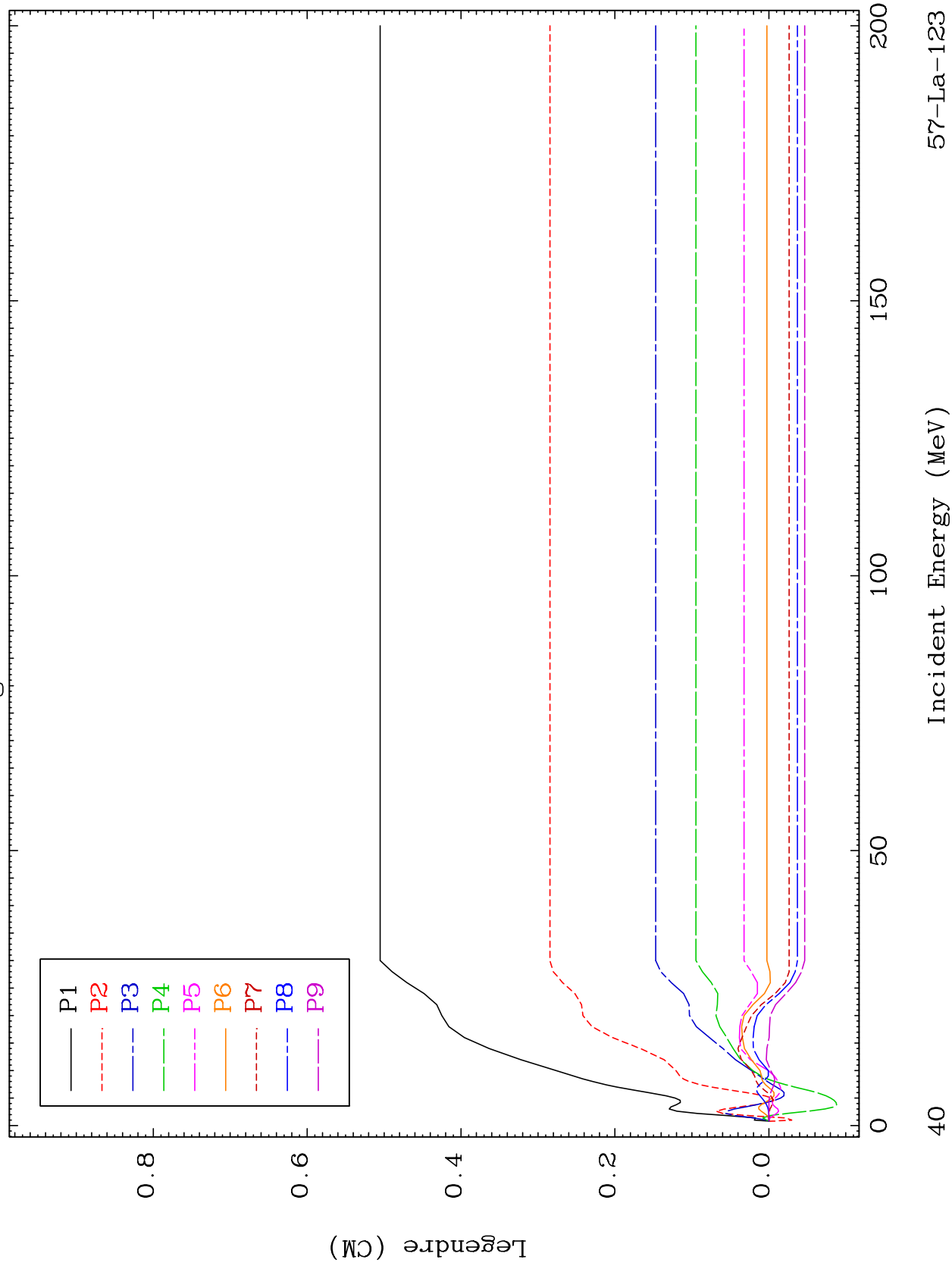


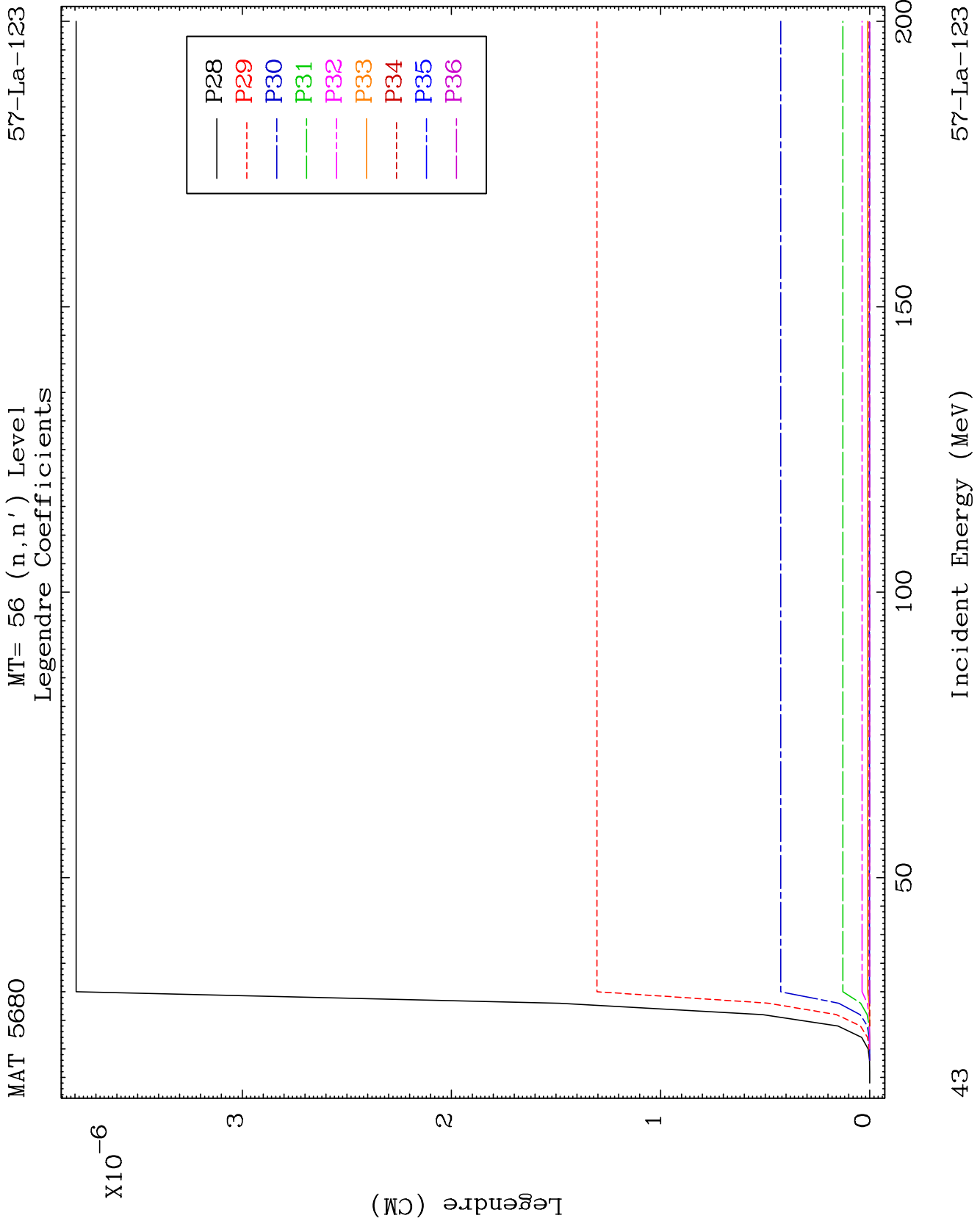


MAT 5680

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

57-La-123

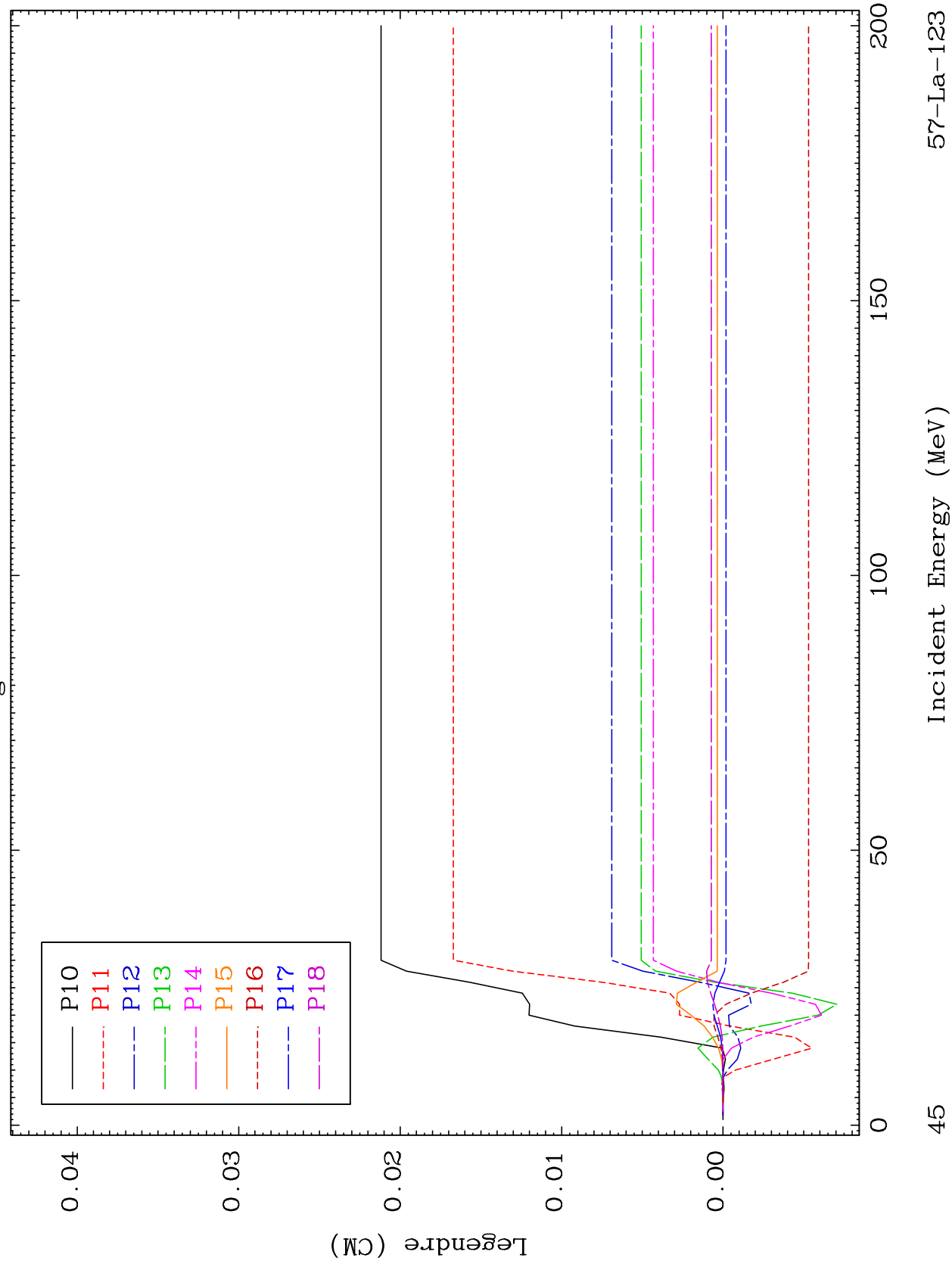




MAT 5680

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

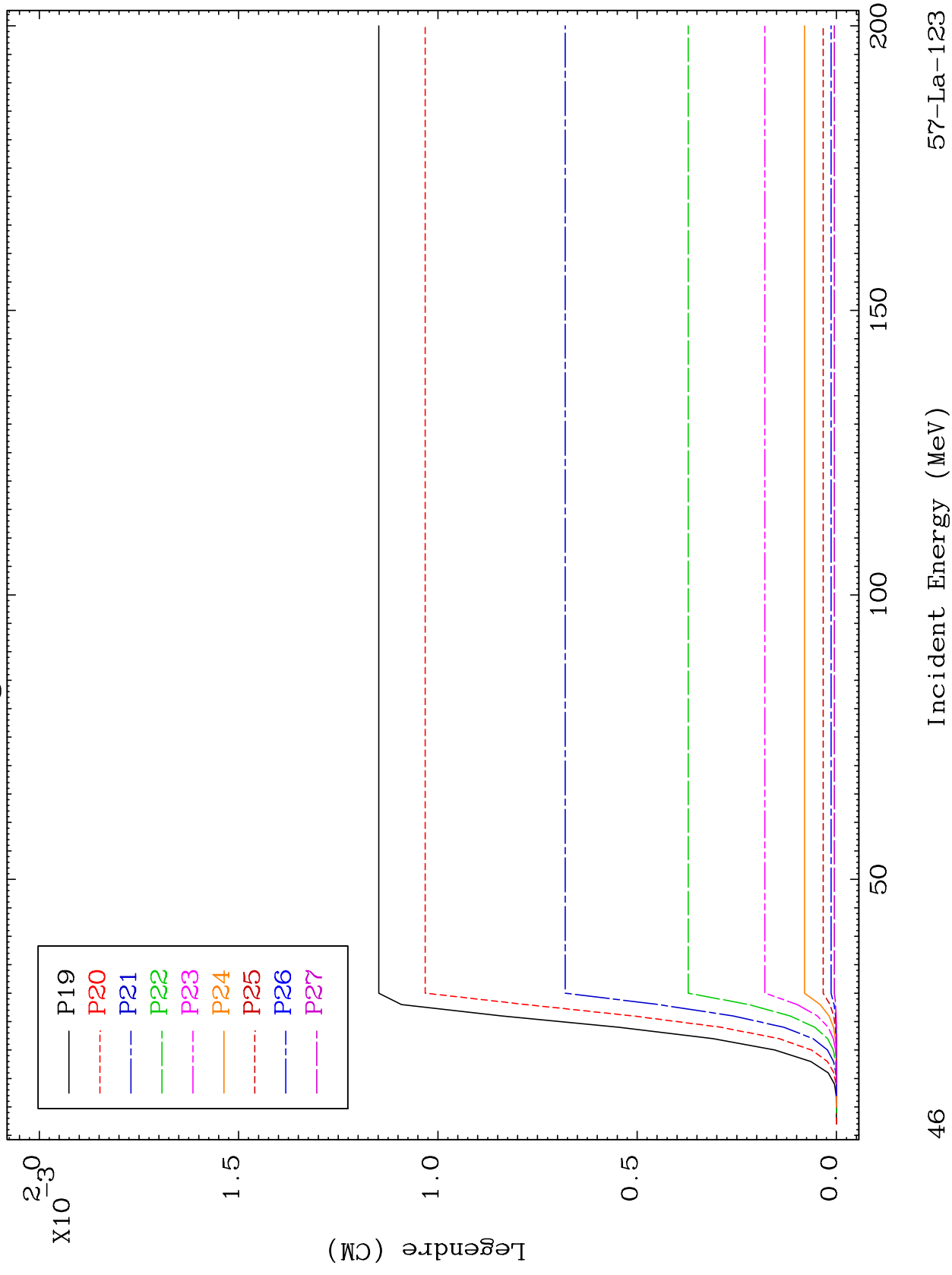
57-La-123



MAT 5680

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

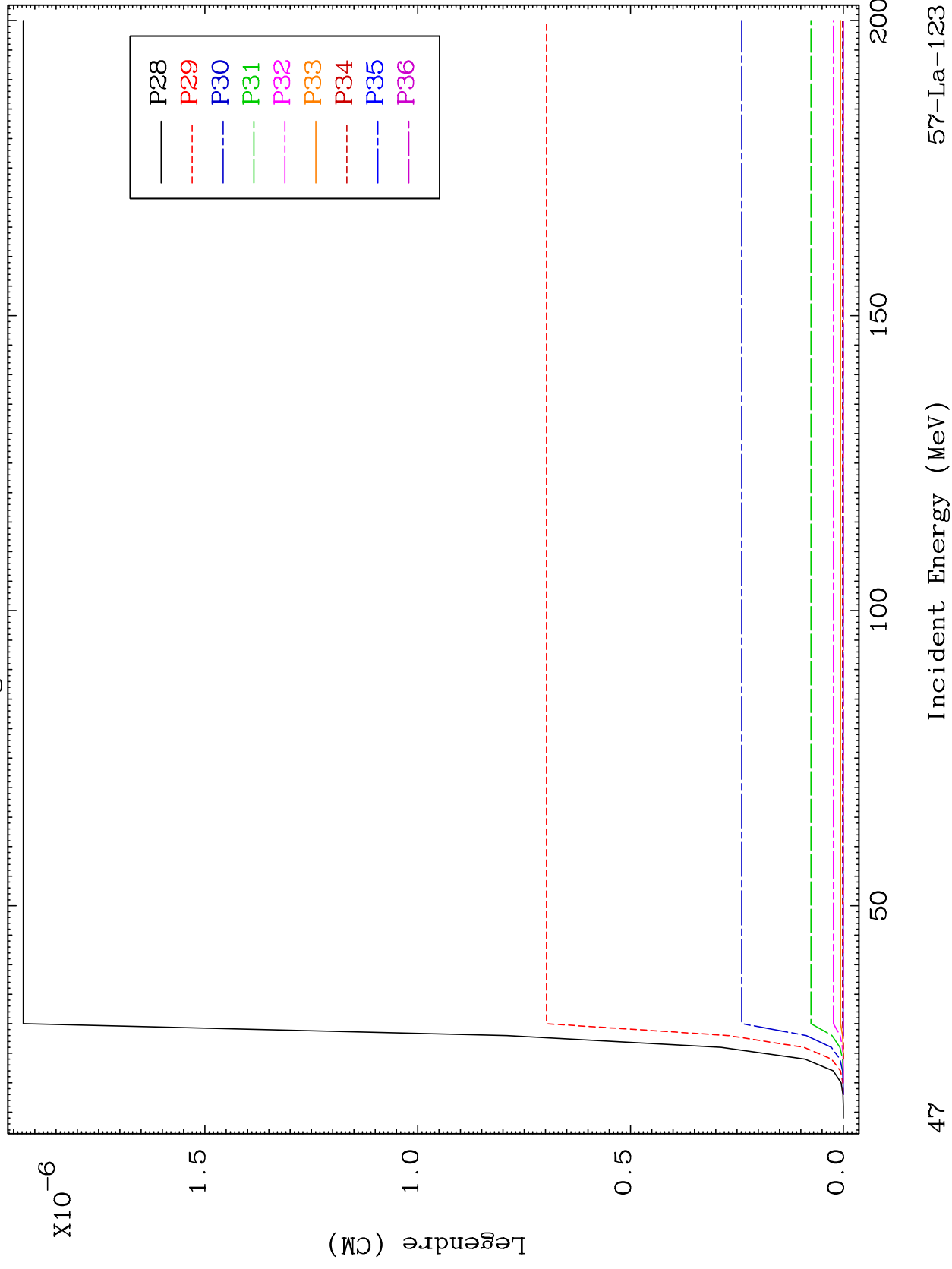
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MAT 5680

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

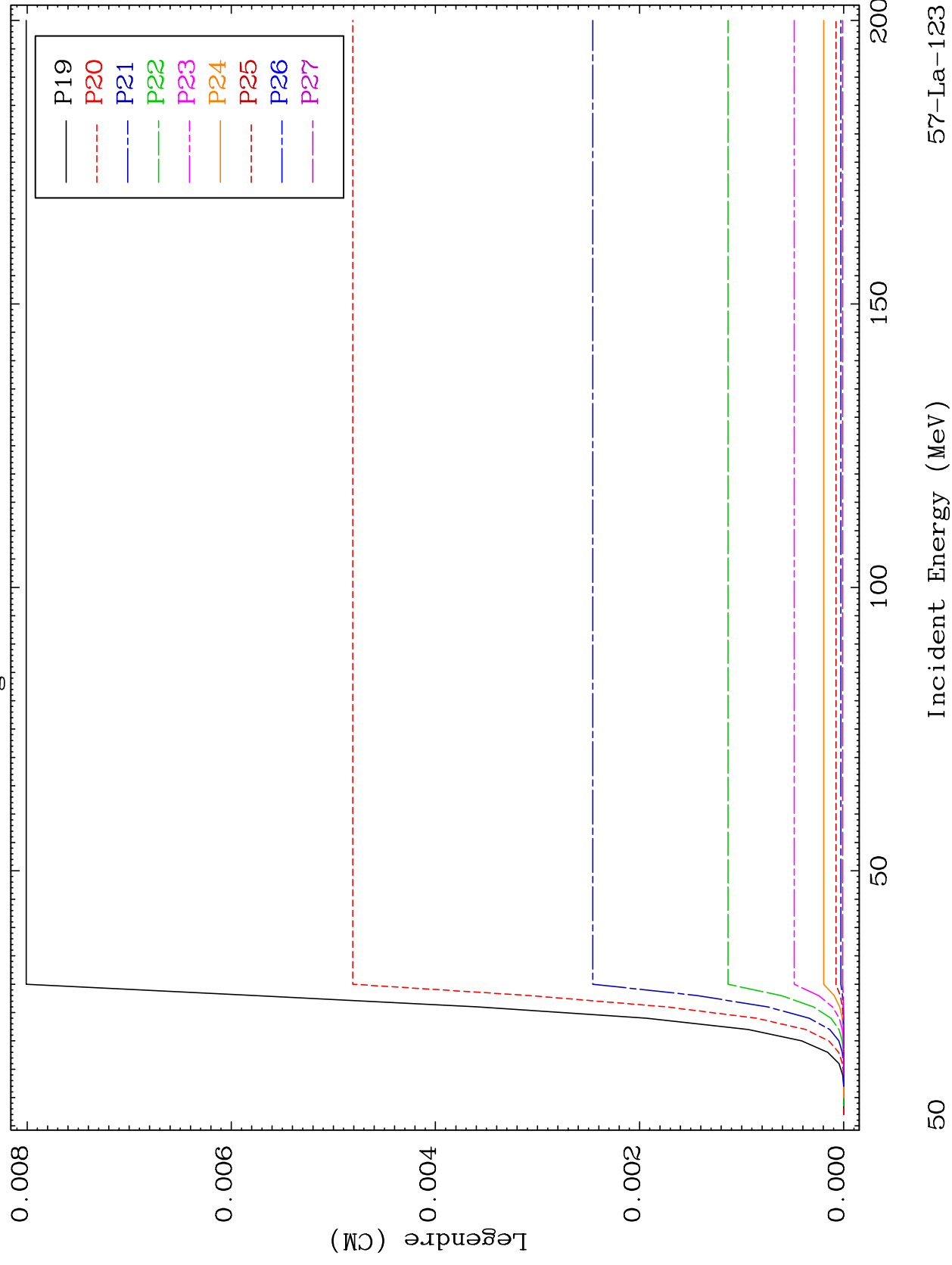
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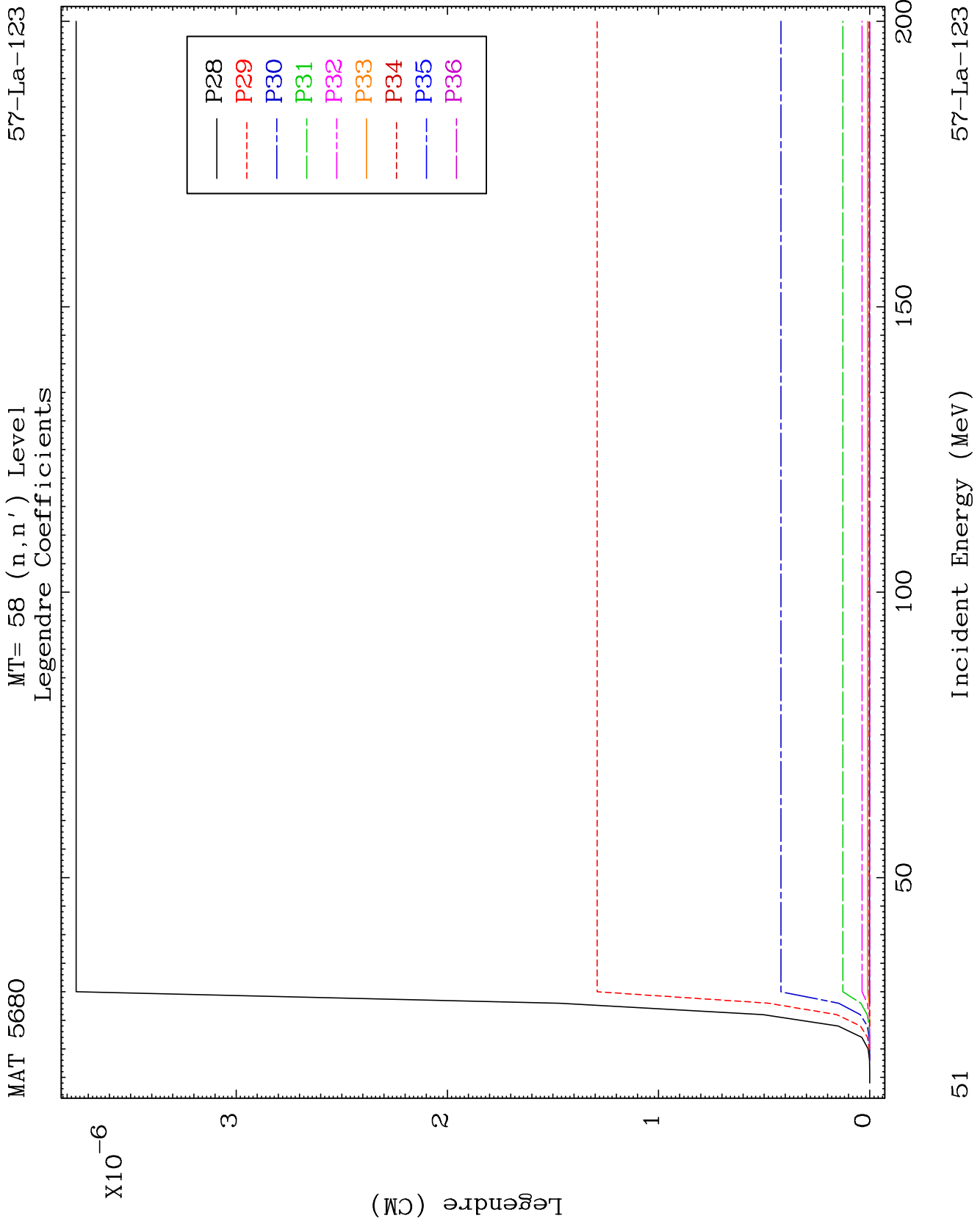


MAT 5680

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

57-La-123



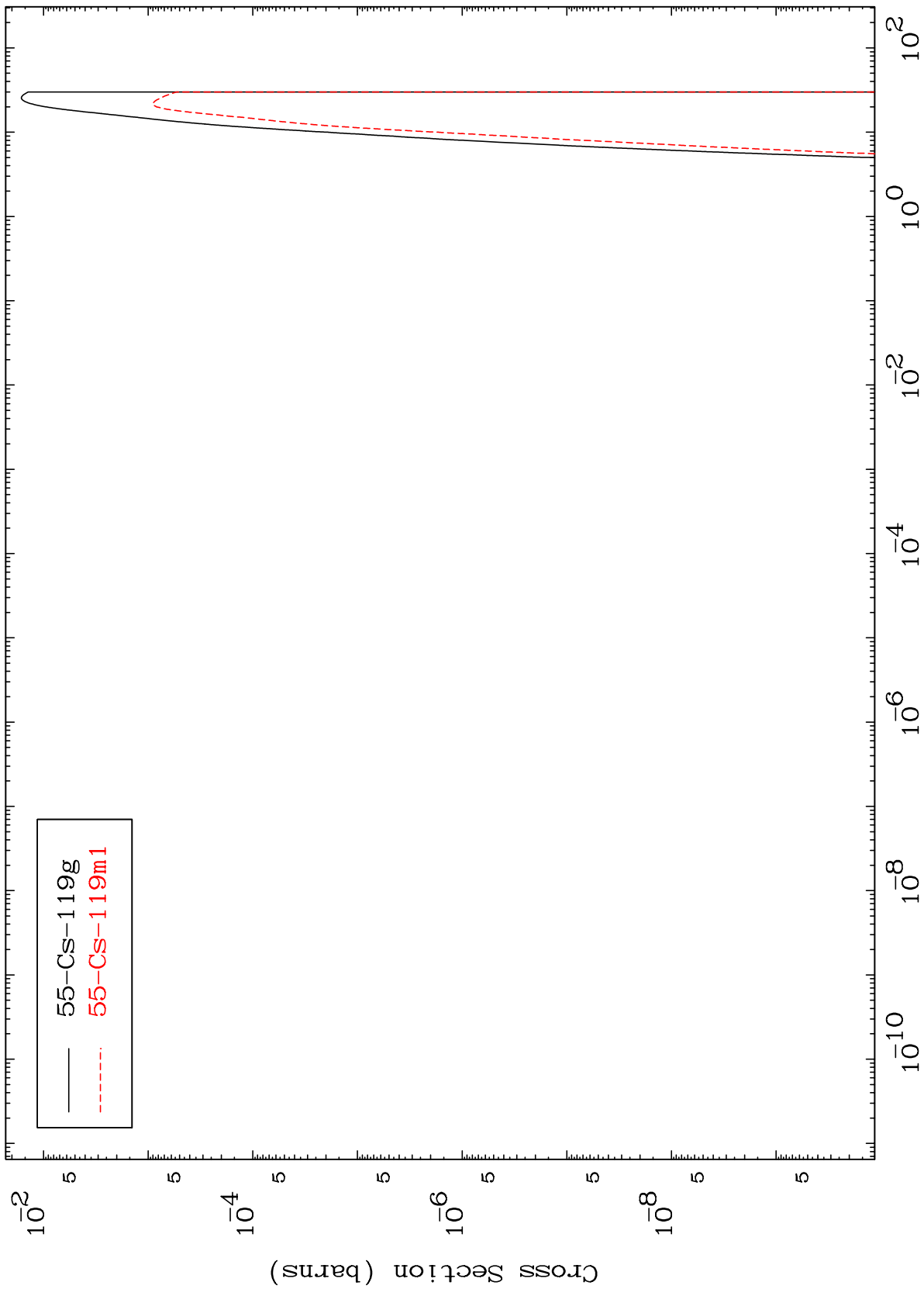


MAT 5680

$(n,n') \alpha$

57-La-123

Radionuclide Production Cross Section

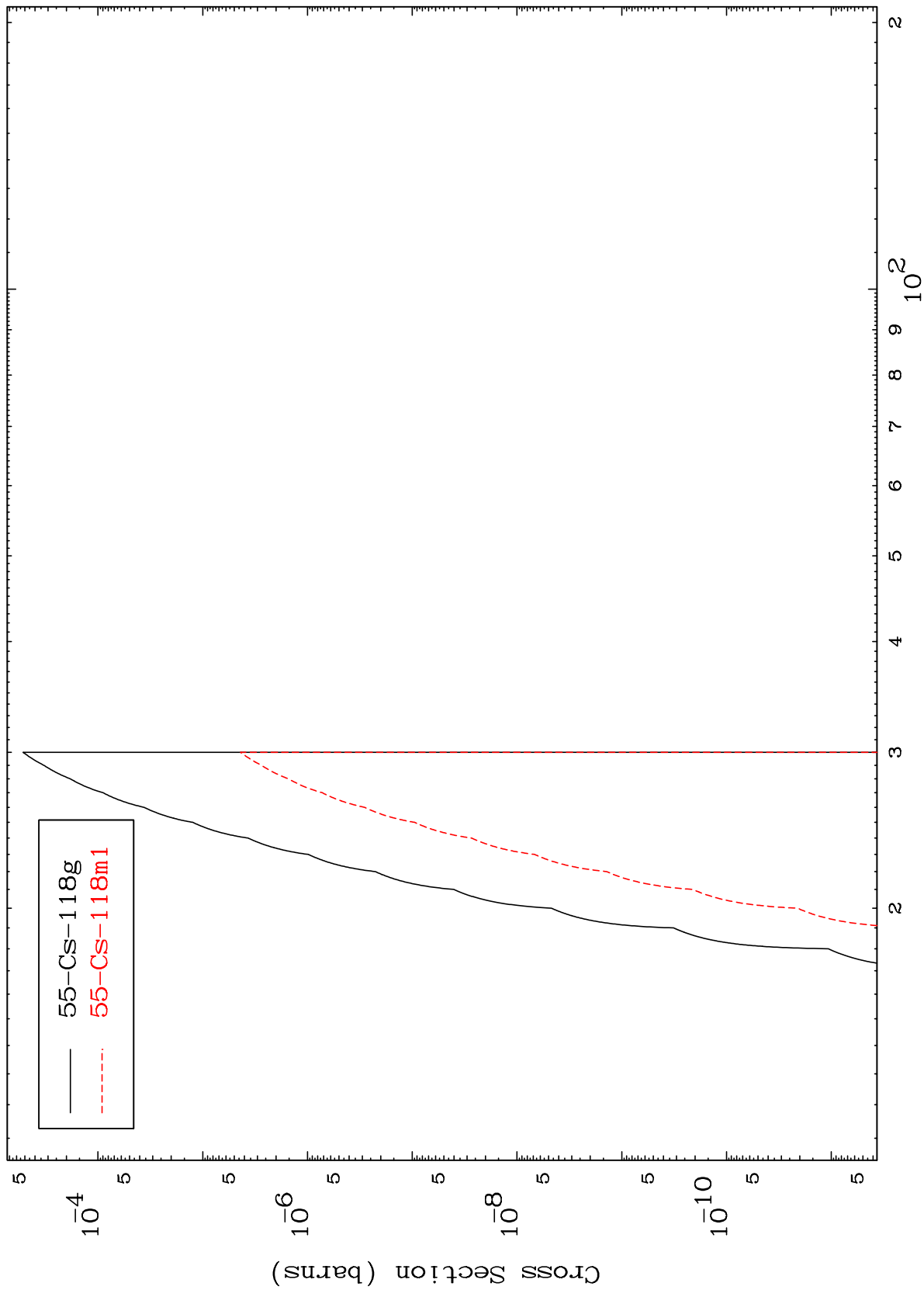


52

Incident Energy (MeV)

57-La-123

Radionuclide Production Cross Section
(n,2n) α

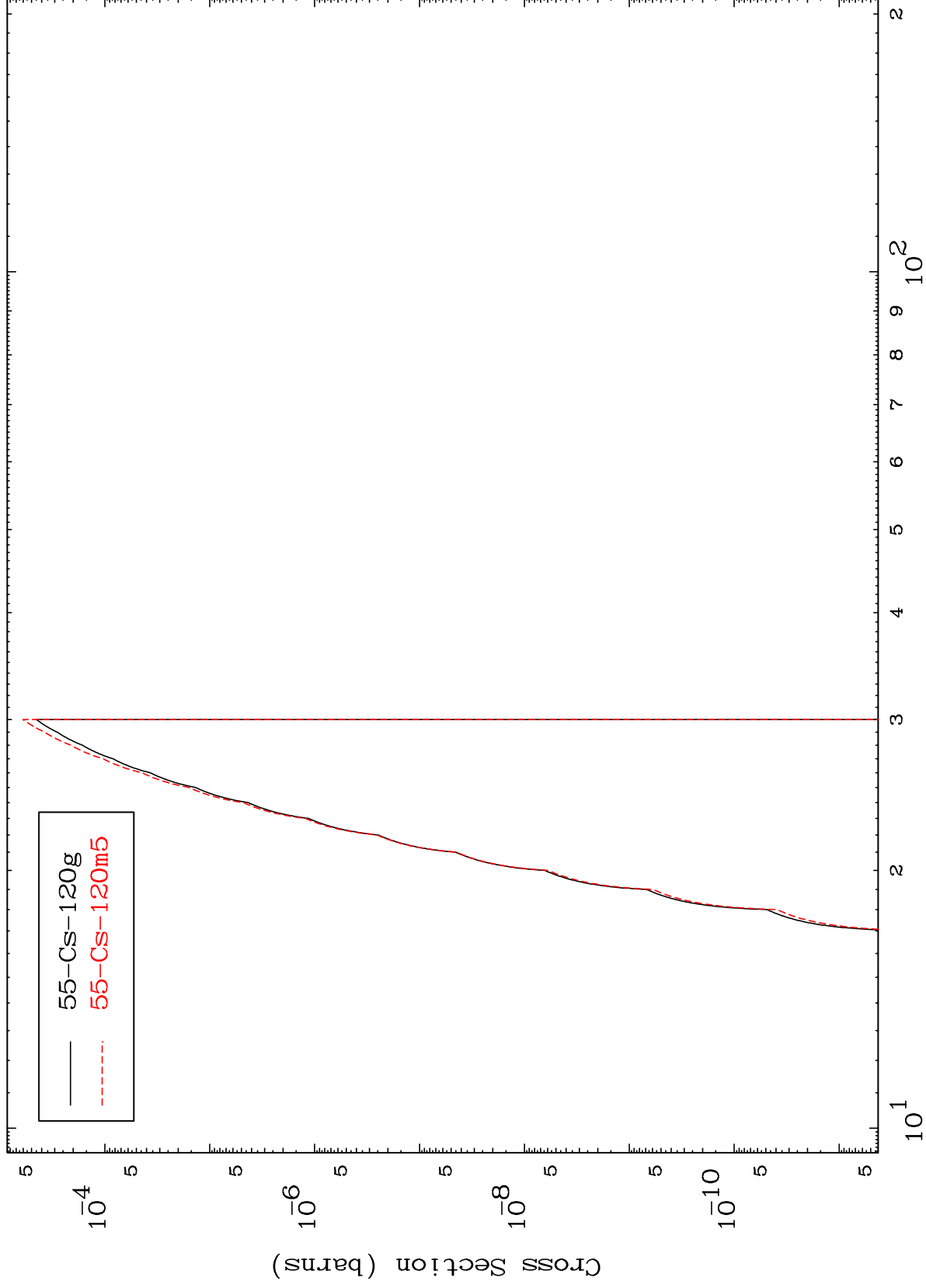


MAT 5680

(n,n') He-3

57-La-123

Radionuclide Production Cross Section



Incident Energy (MeV)

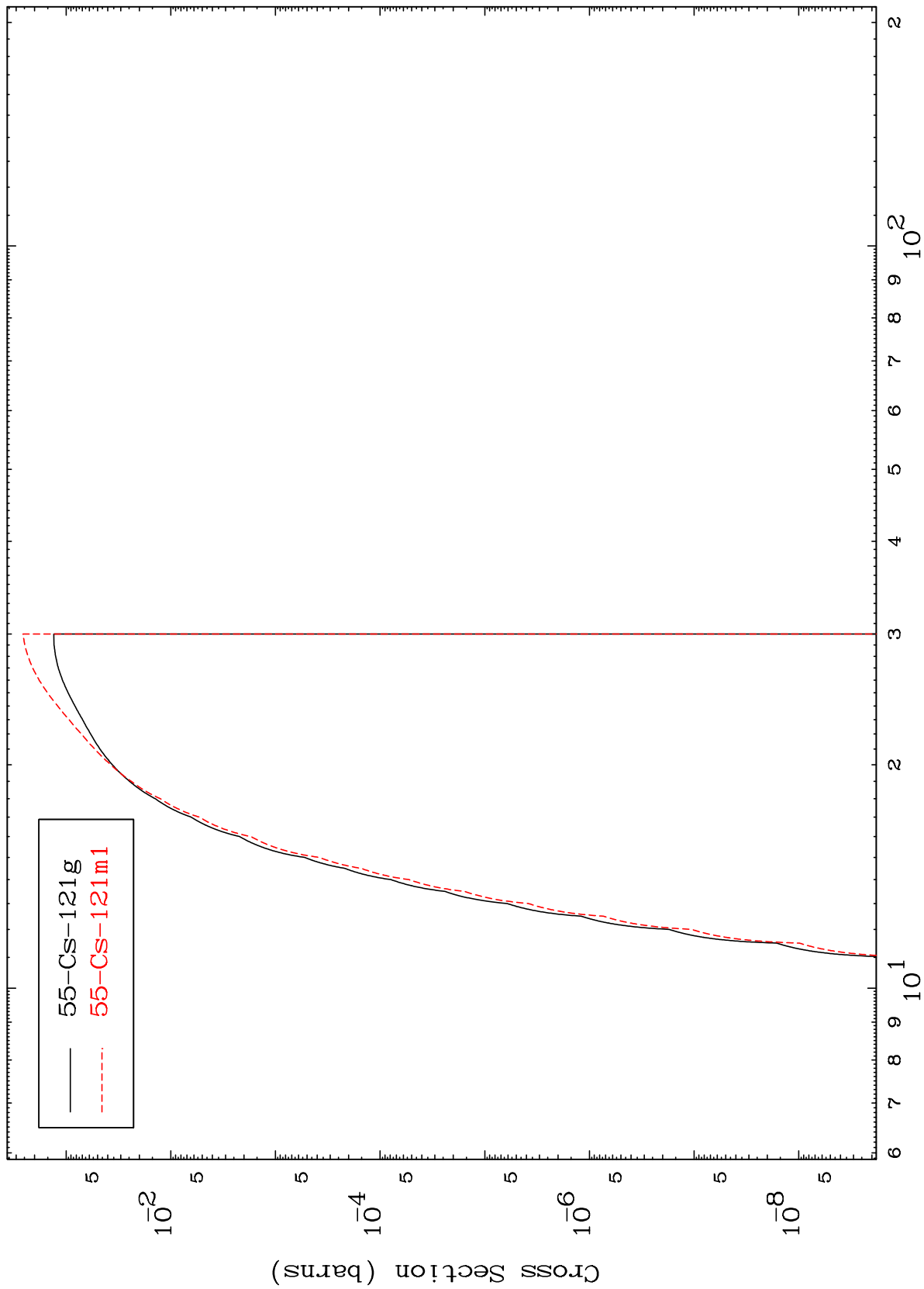
57-La-123

54

MAT 5680

57-La-123

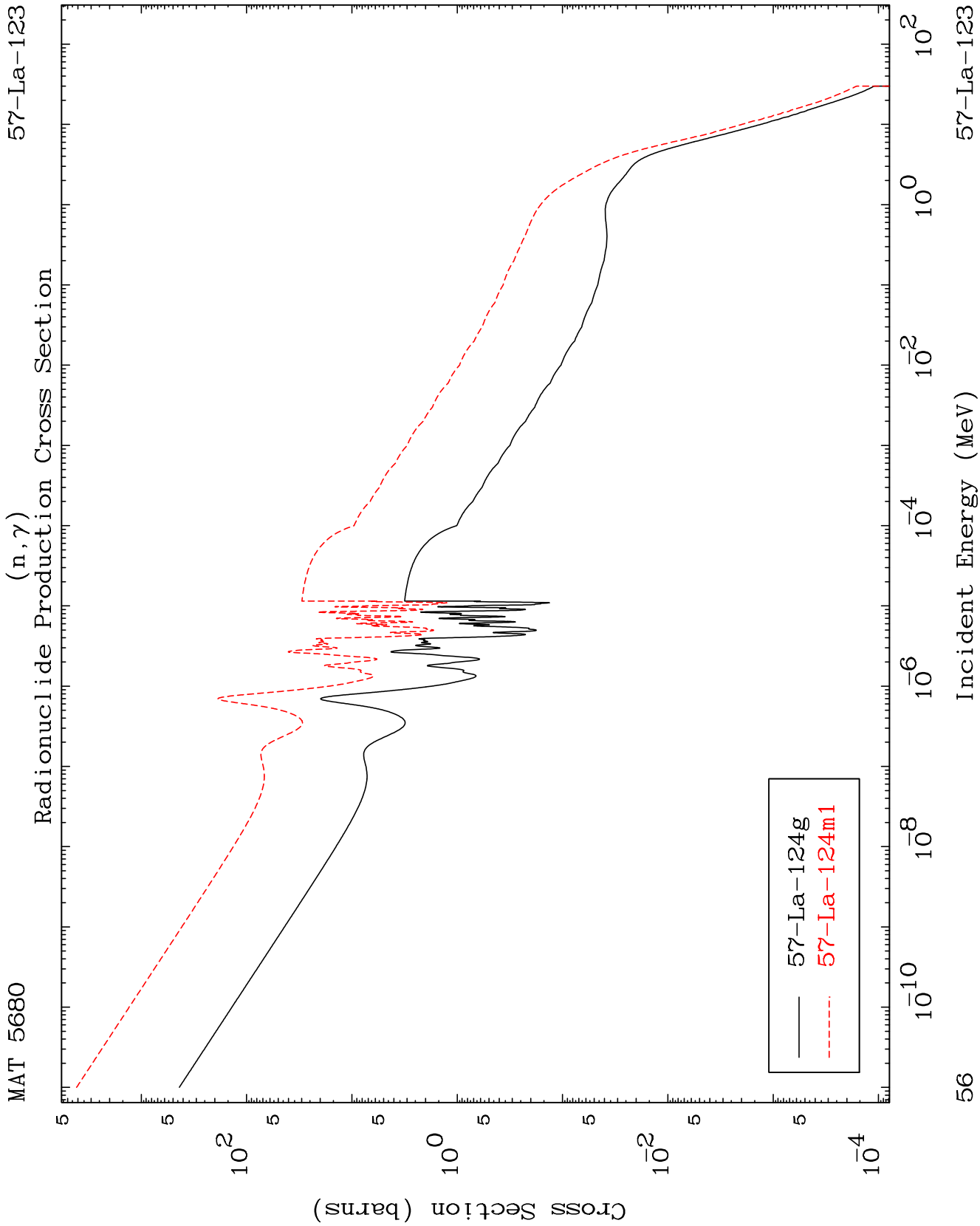
(n,2n) p
Radionuclide Production Cross Section

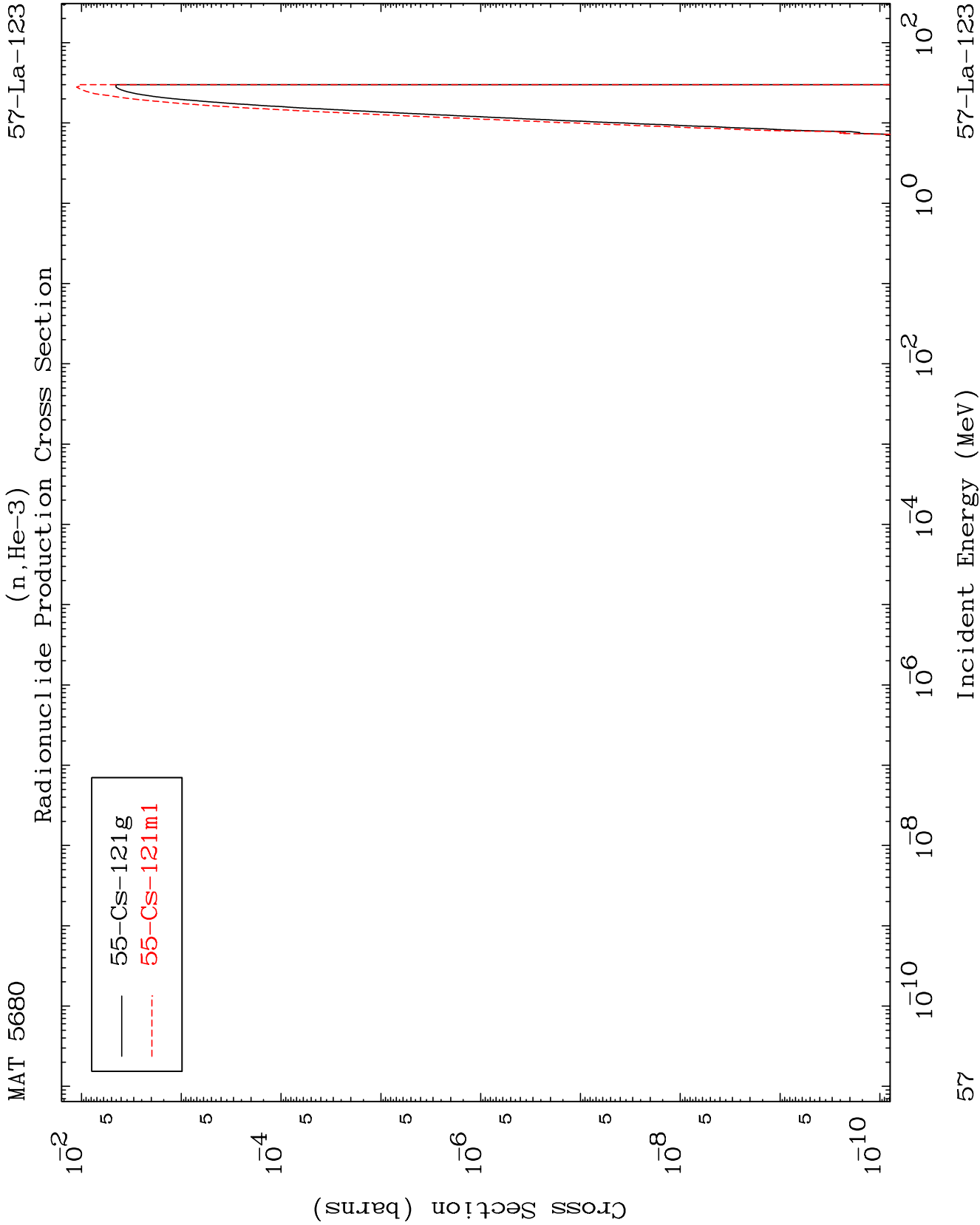


57-La-123

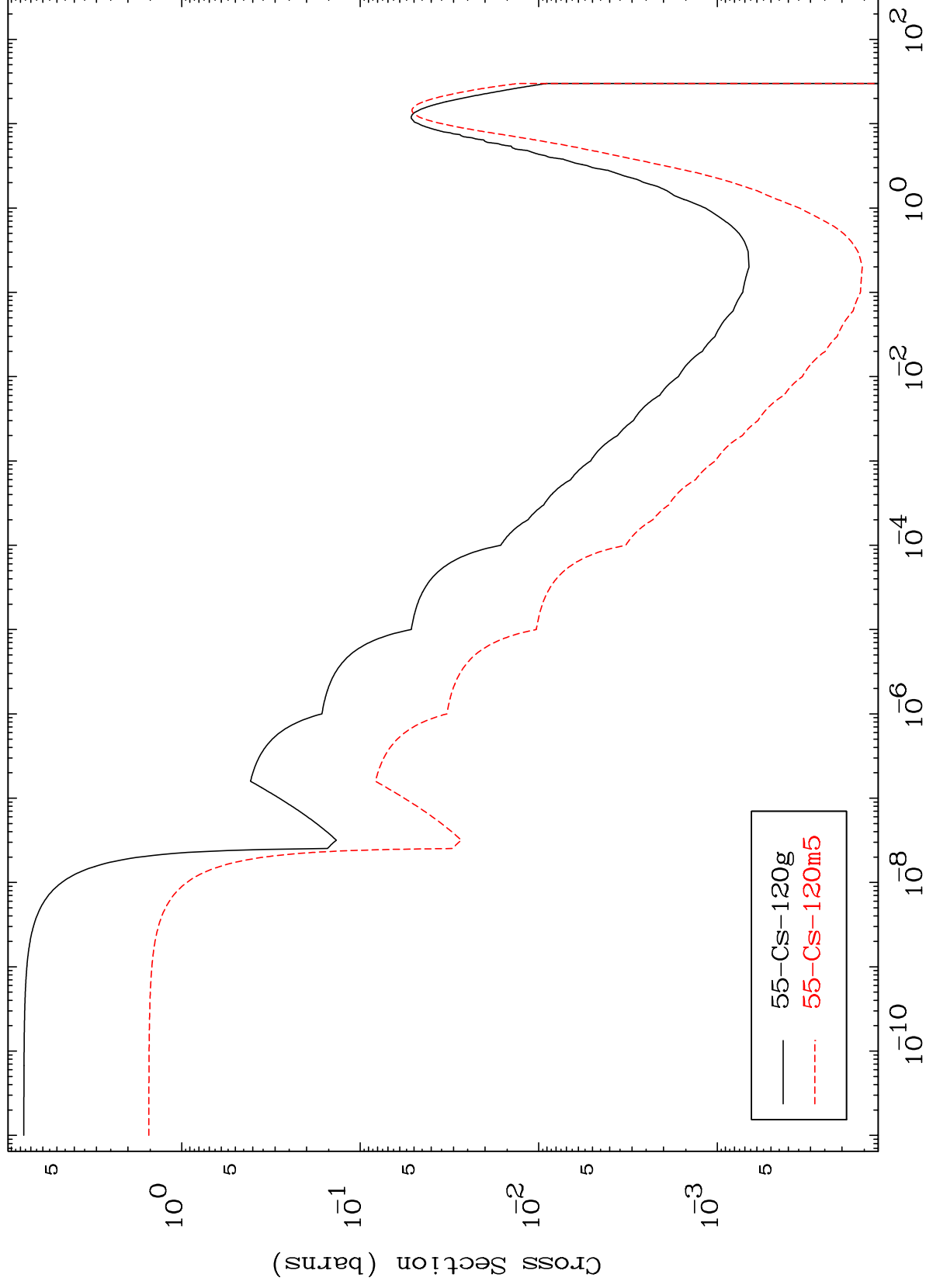
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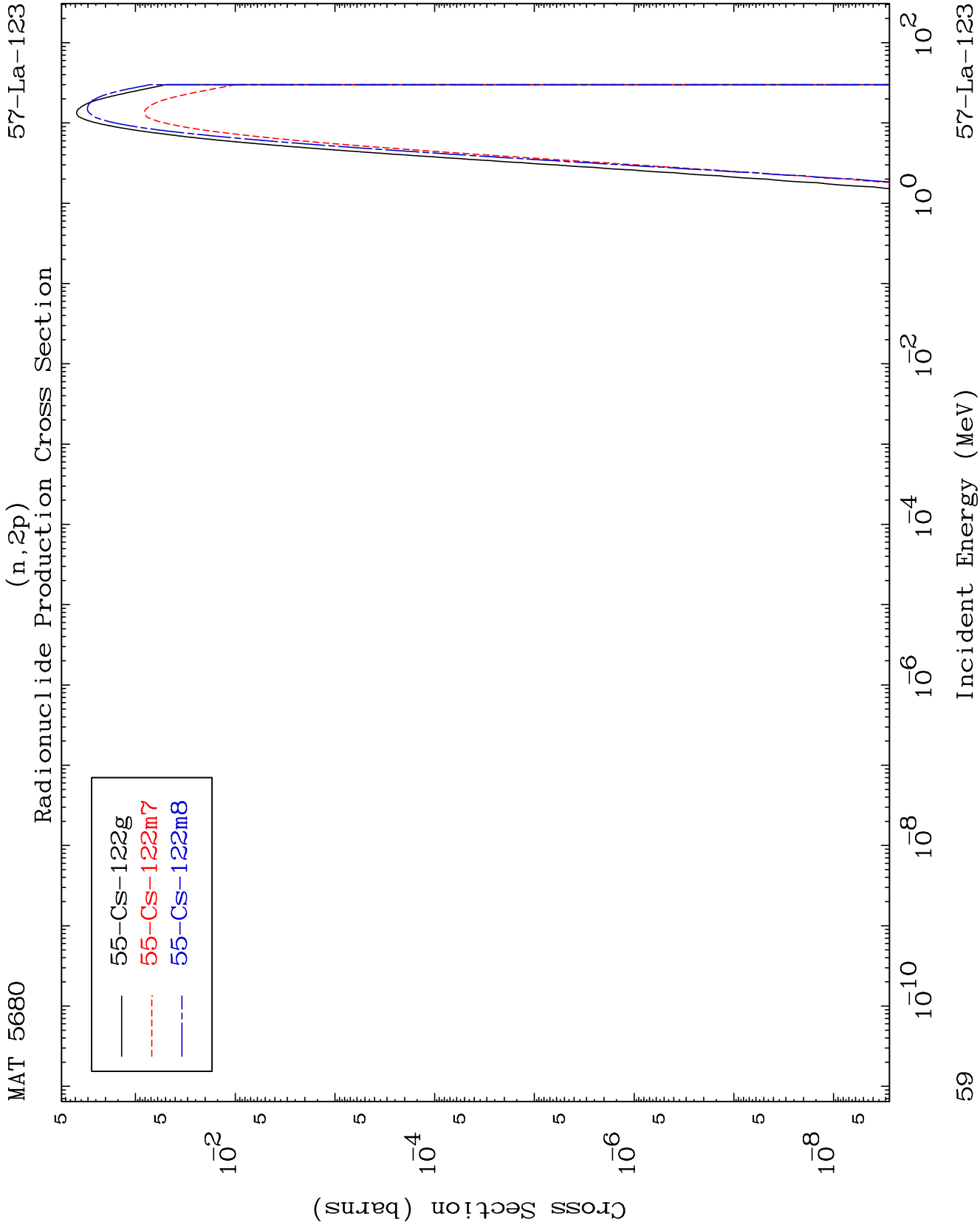
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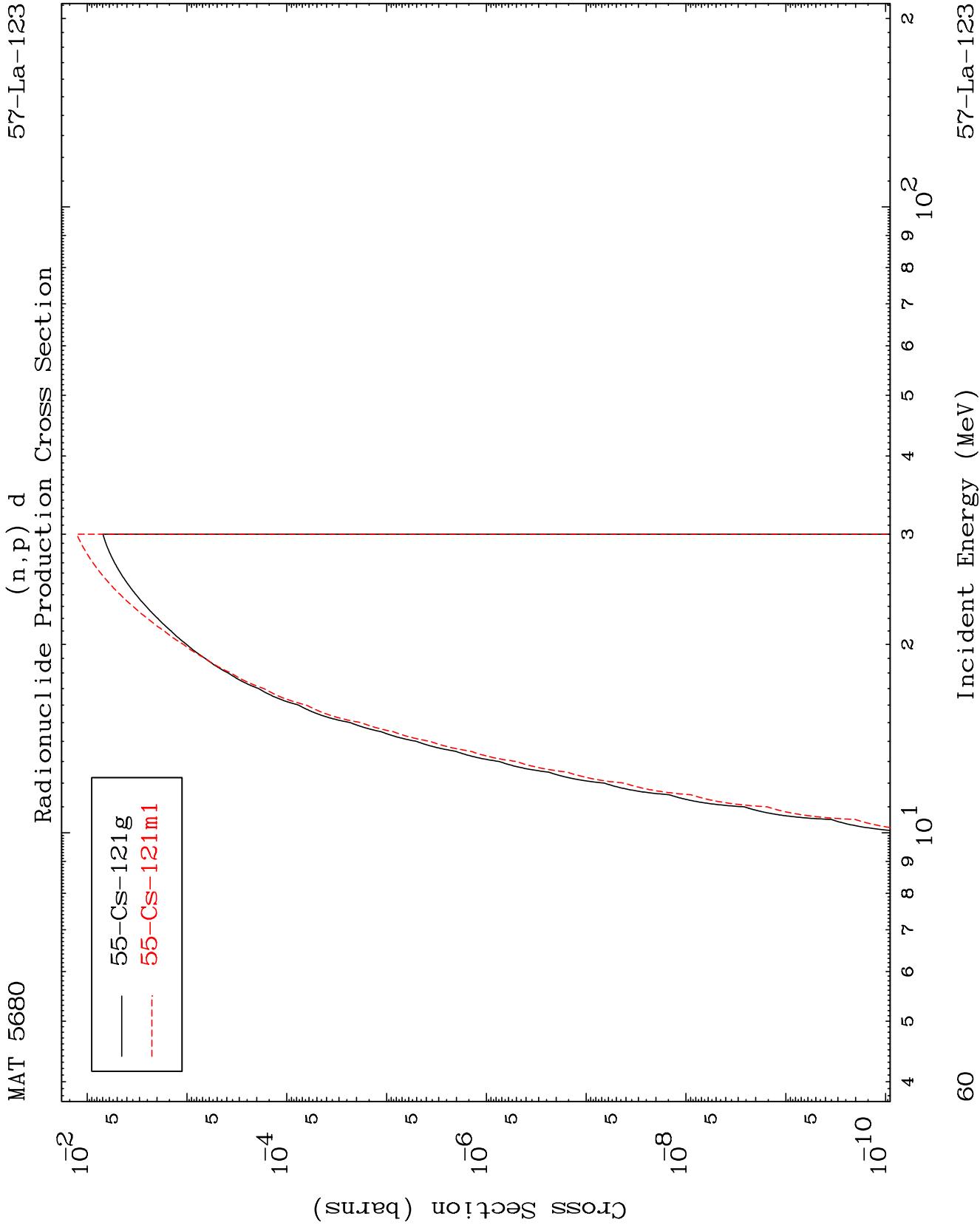




Radionuclide Production Cross Section





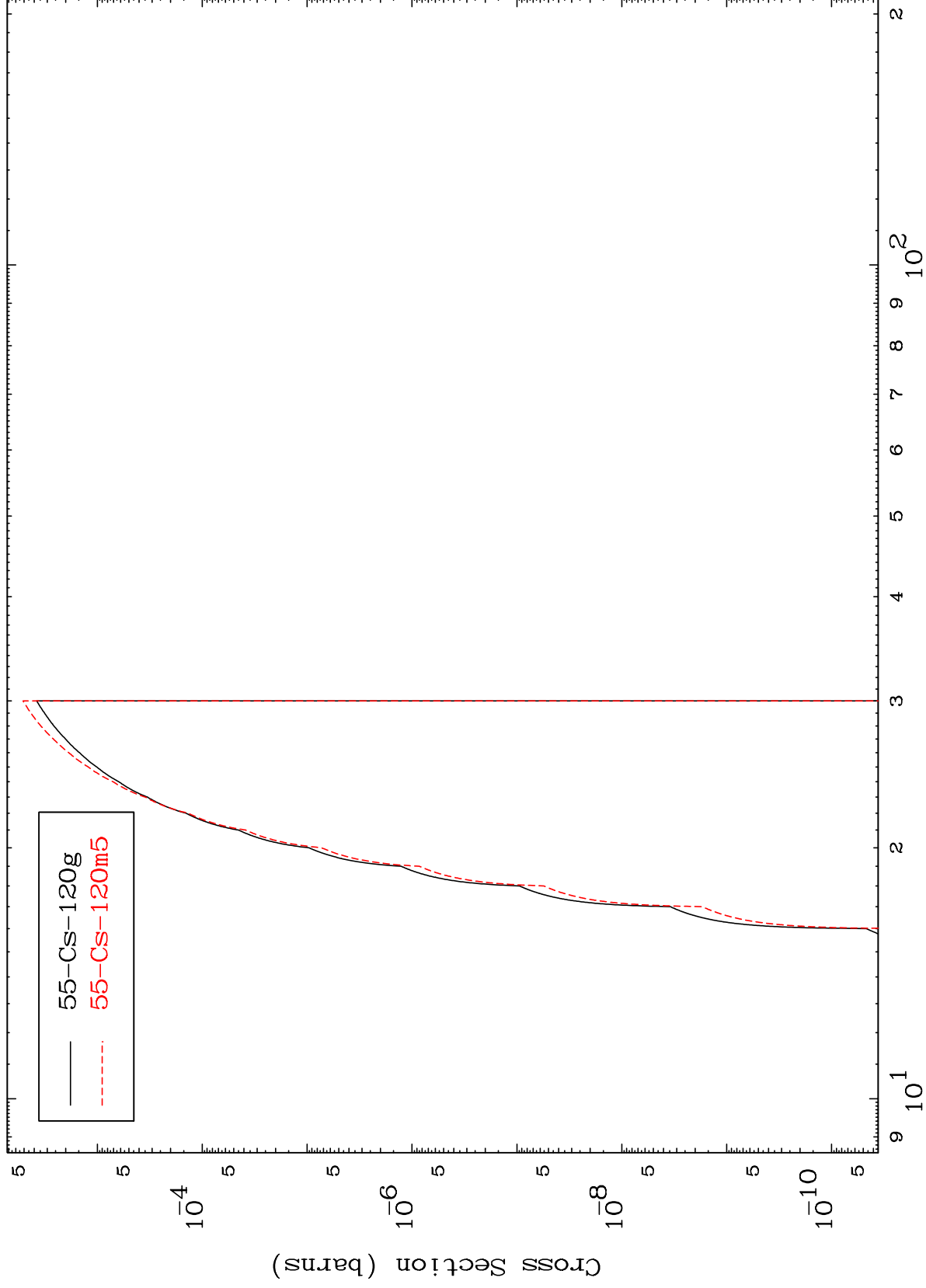


MAT 5680

(n,p) t

57-La-123

Radionuclide Production Cross Section



61

Incident Energy (MeV)

57-La-123