

Program EVALPLOT
(Version 2021-1)

by

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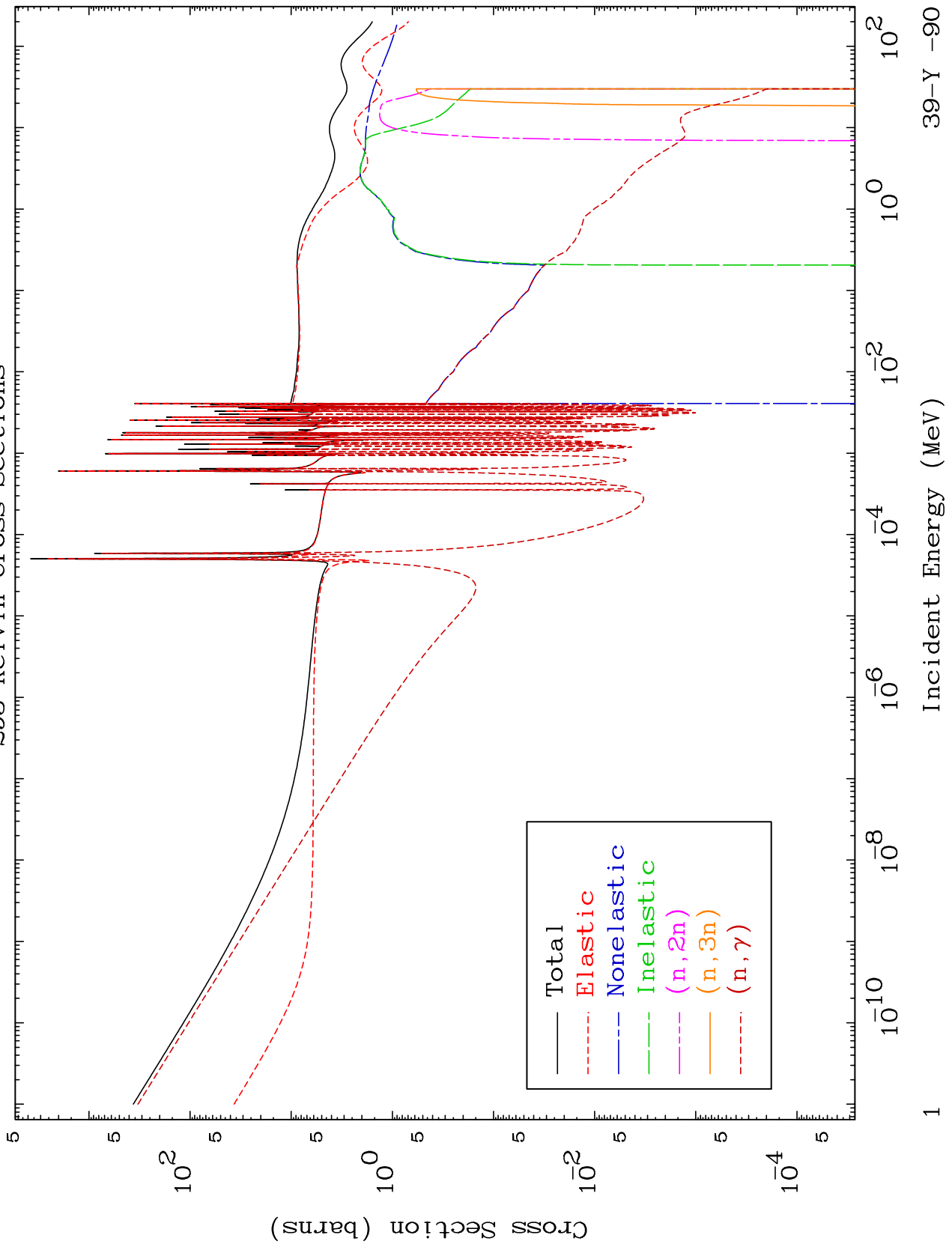
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 3928

Neutron Major
293 Kelvin Cross Sections

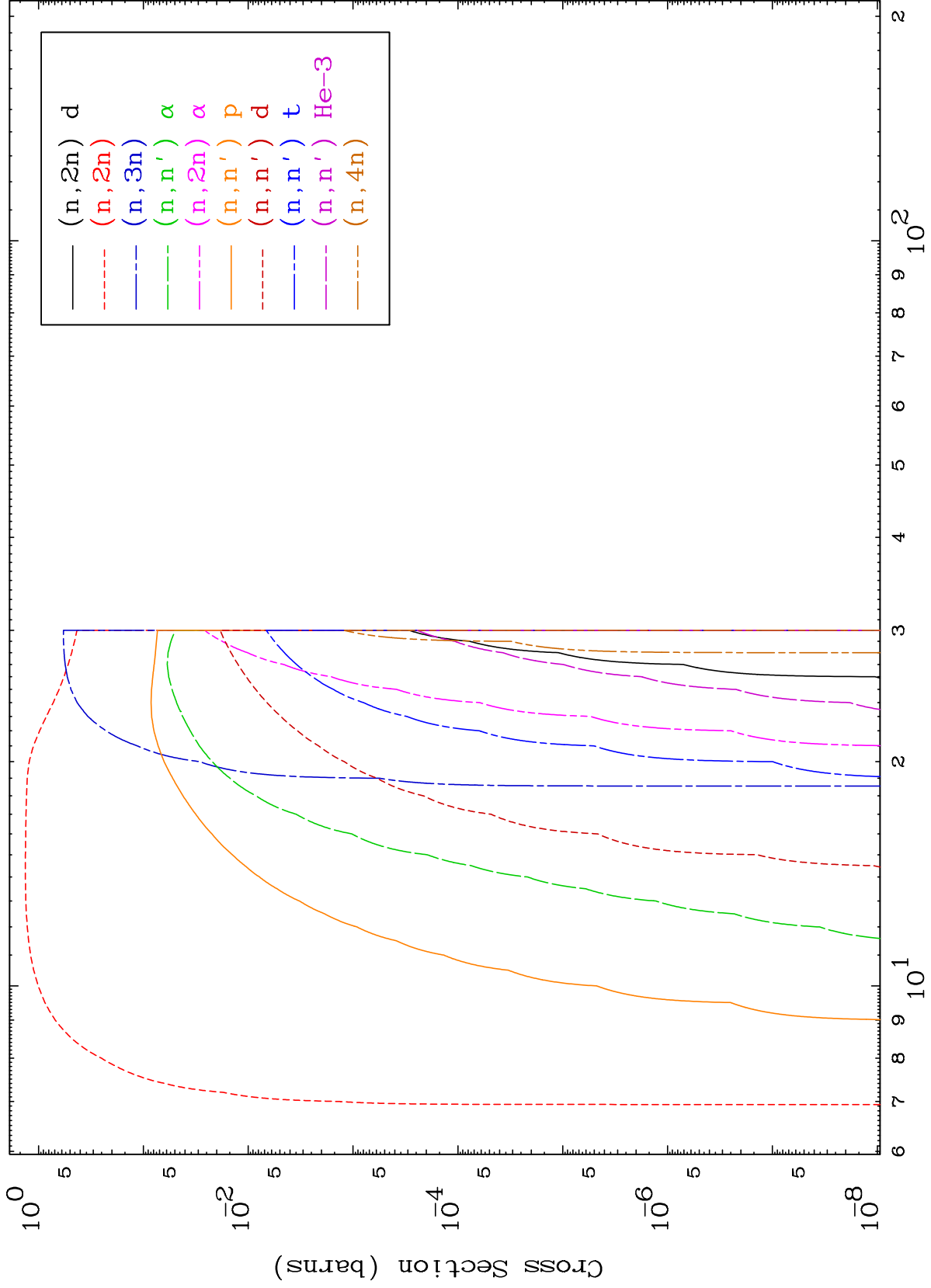
39-Y -90



MAT 3928

Neutron Absorption
293 Kelvin Cross Sections

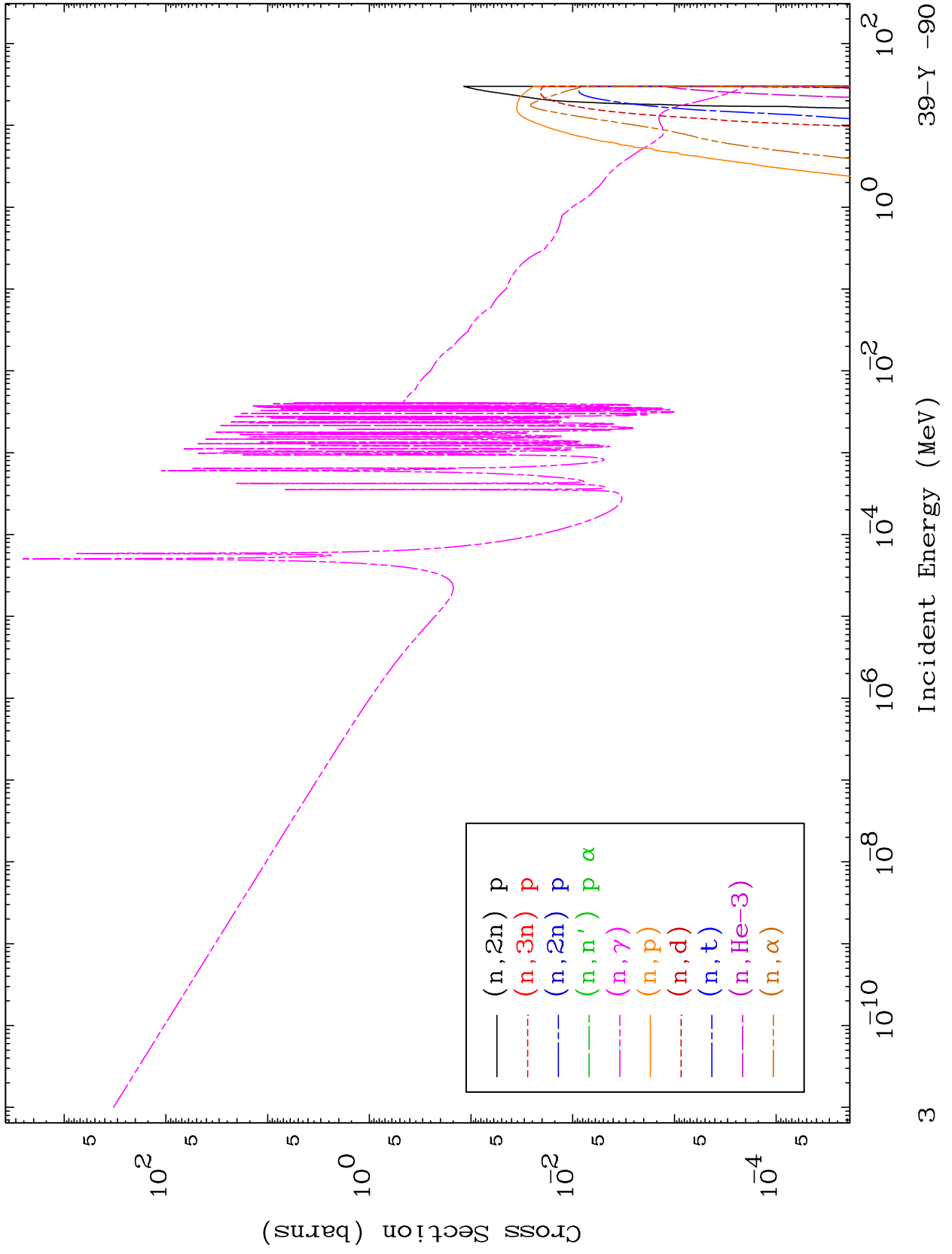
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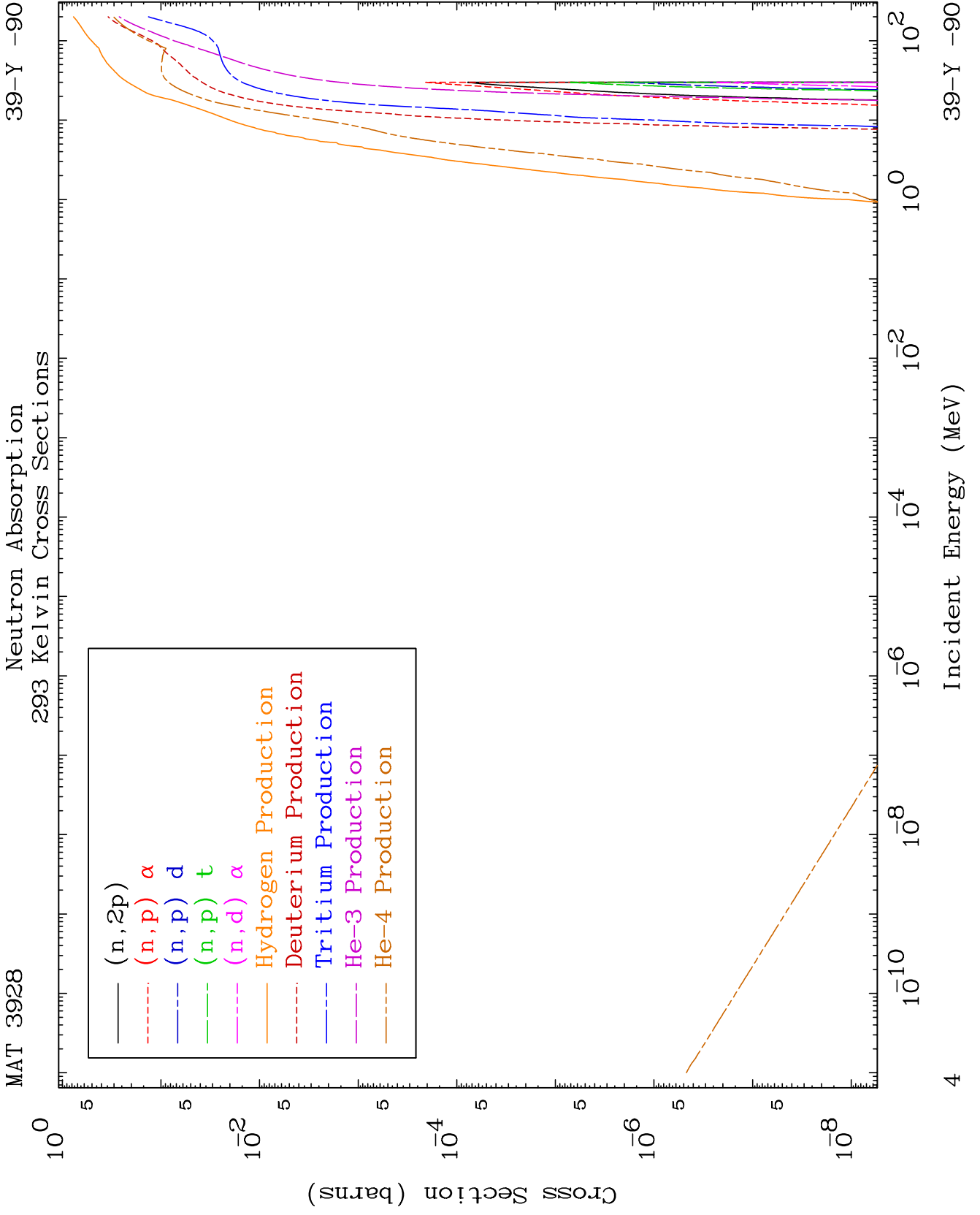


2

Incident Energy (MeV)

39-Y -90

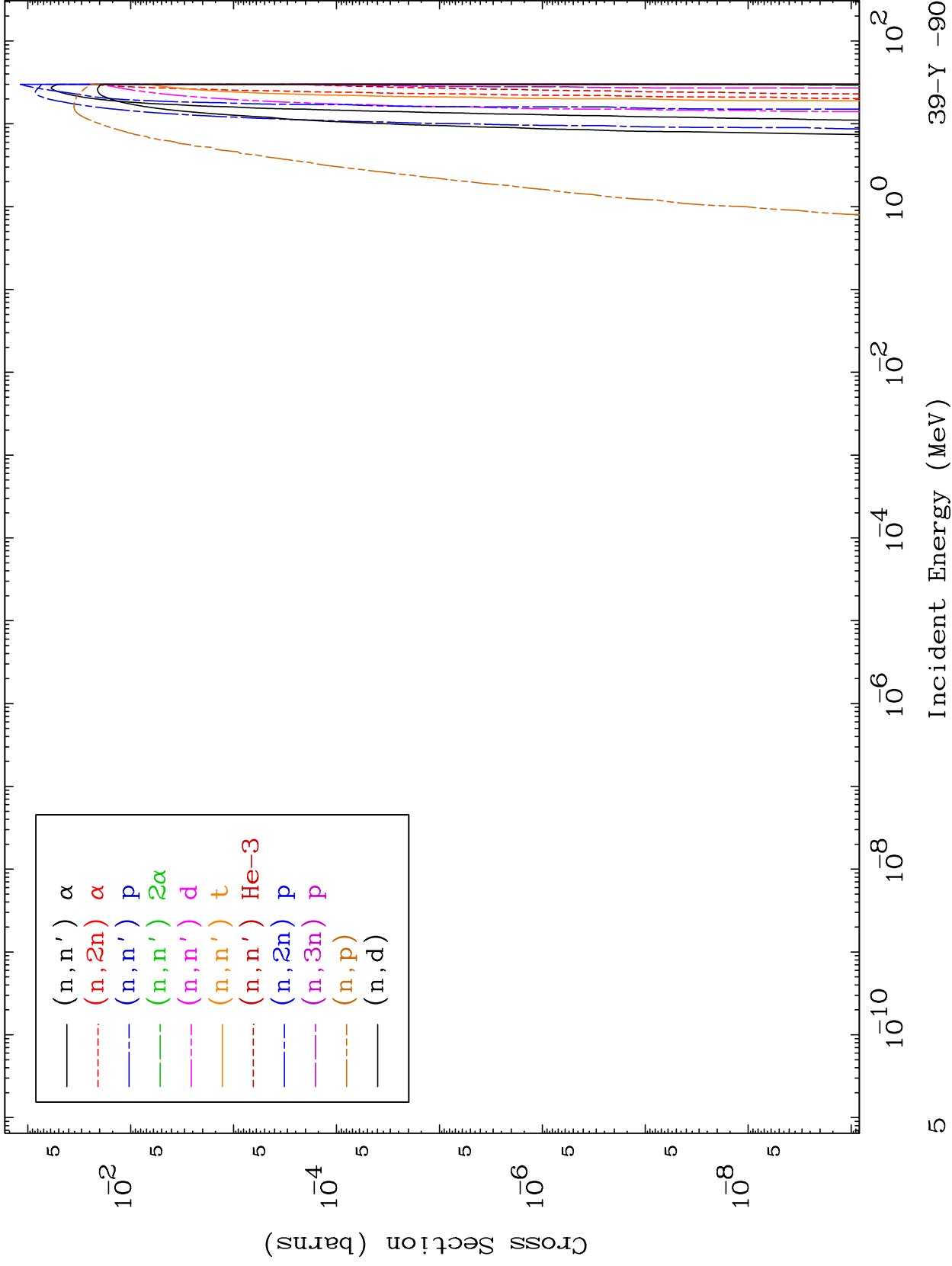




MAT 3928

Charged Particle
293 Kelvin Cross Sections

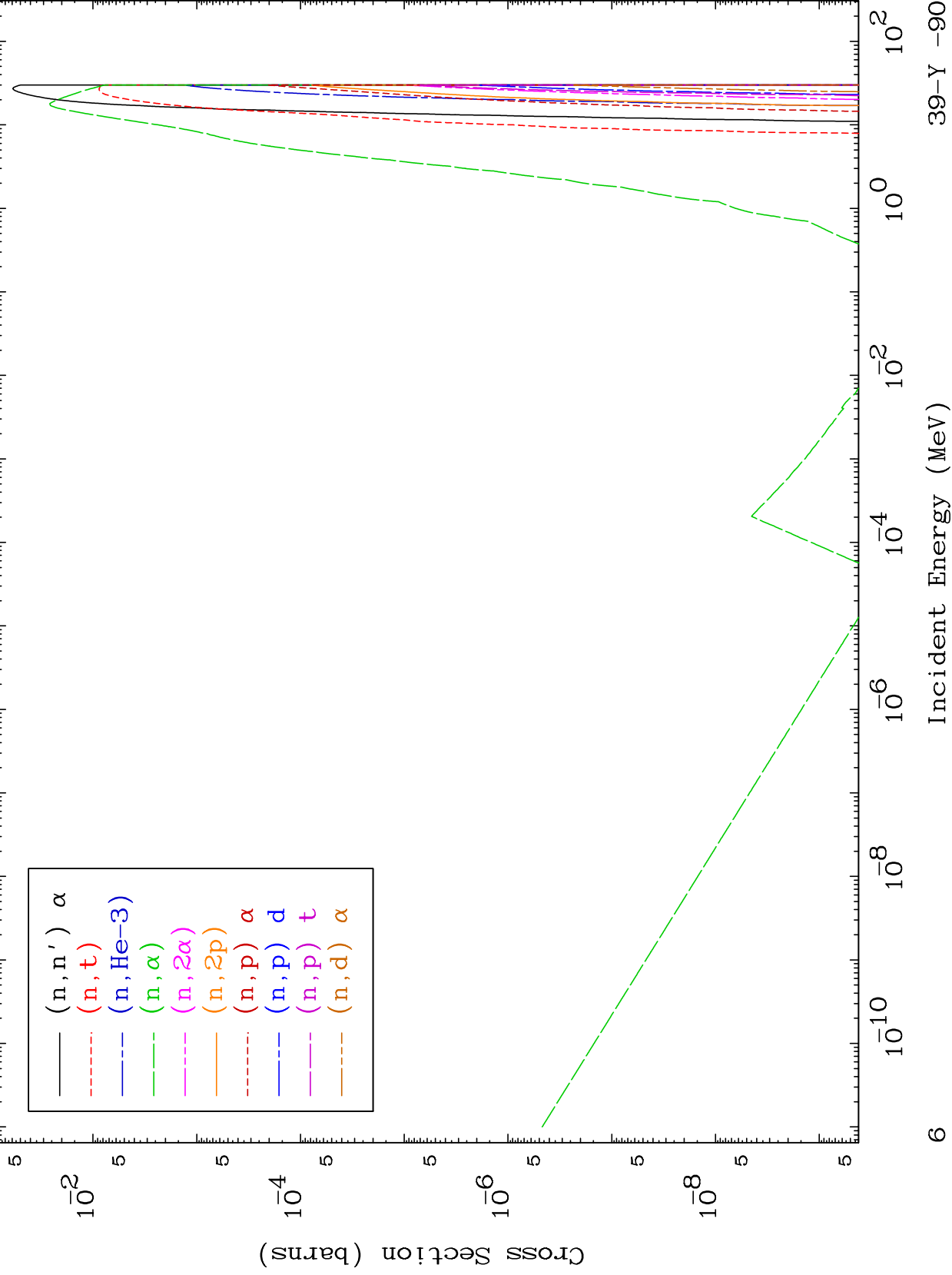
39-Y -90



MAT 3928

Charged Particle
293 Kelvin Cross Sections

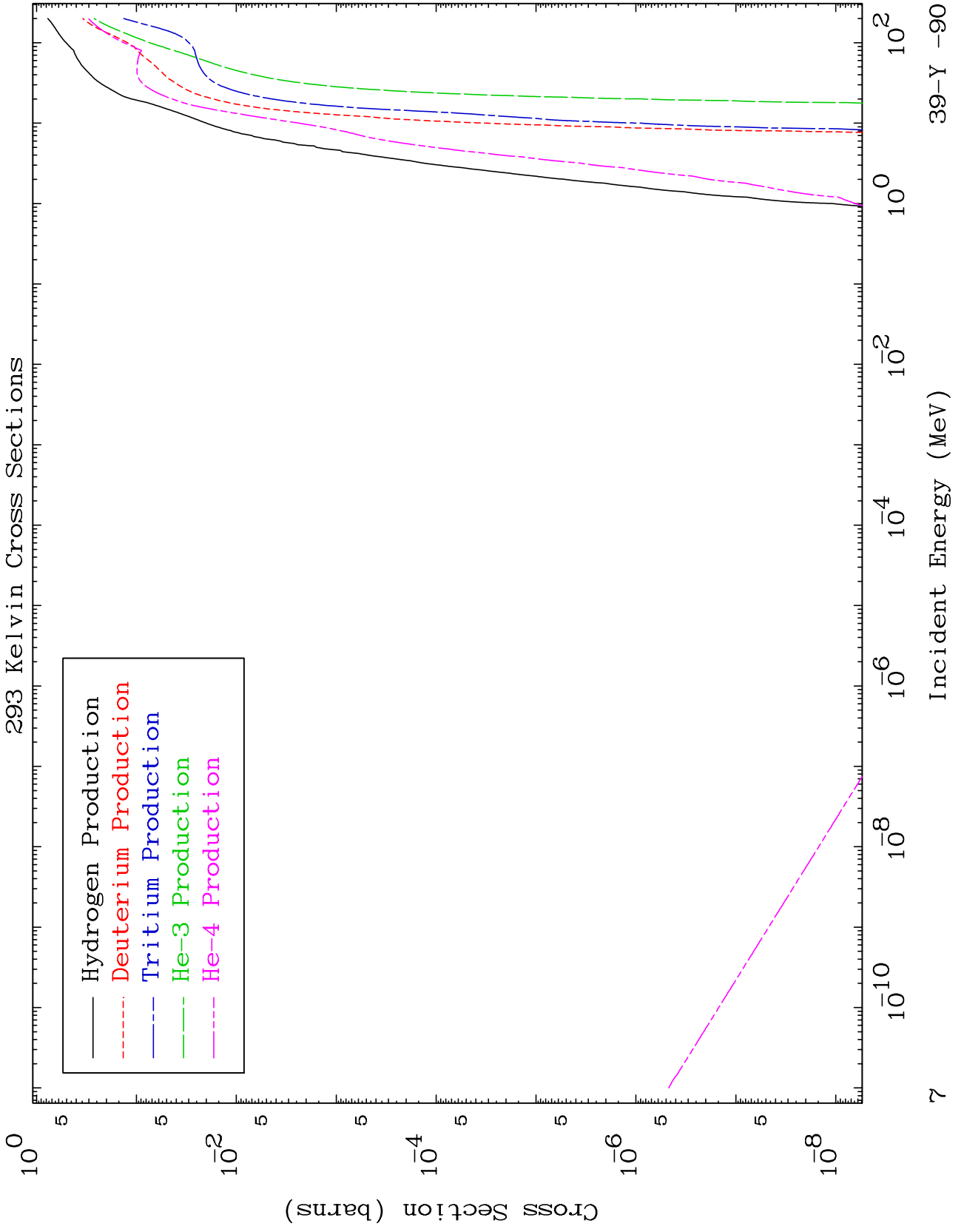
39-Y -90



MAT 3928

Particle Production
293 Kelvin Cross Sections

39-Y -90

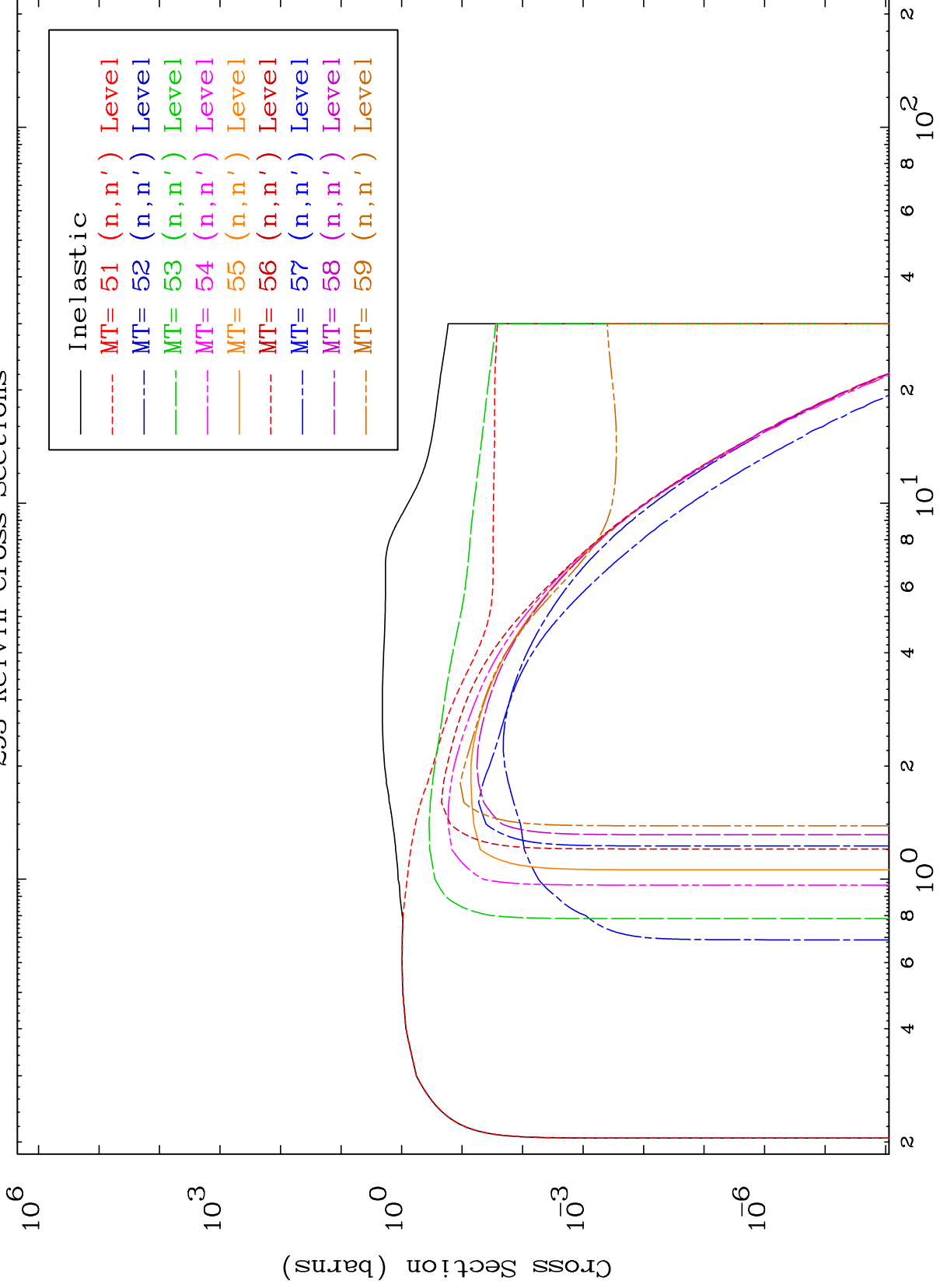


MAT 3928

(n,n') Levels

39-Y -90

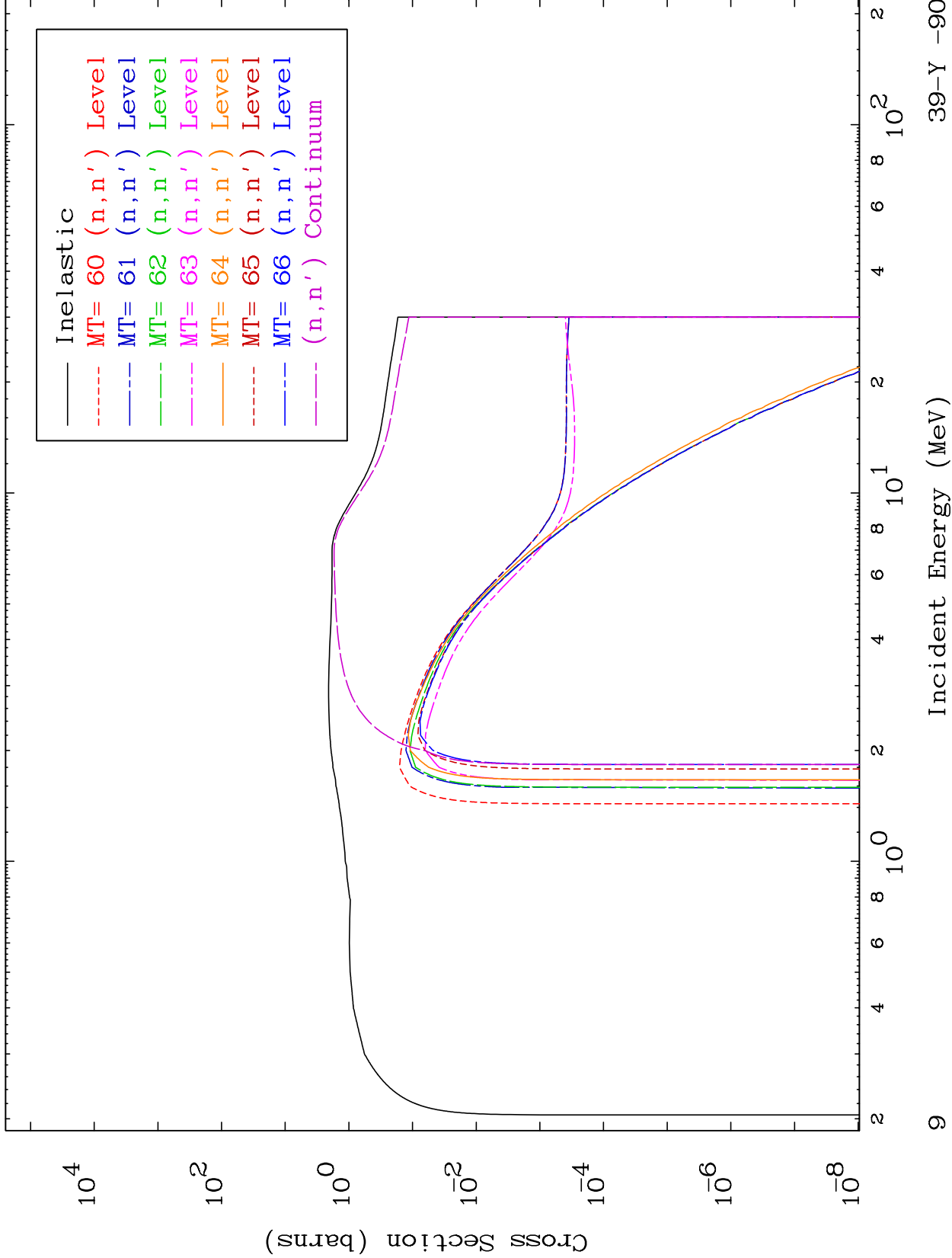
293 Kelvin Cross Sections



8

Incident Energy (MeV)

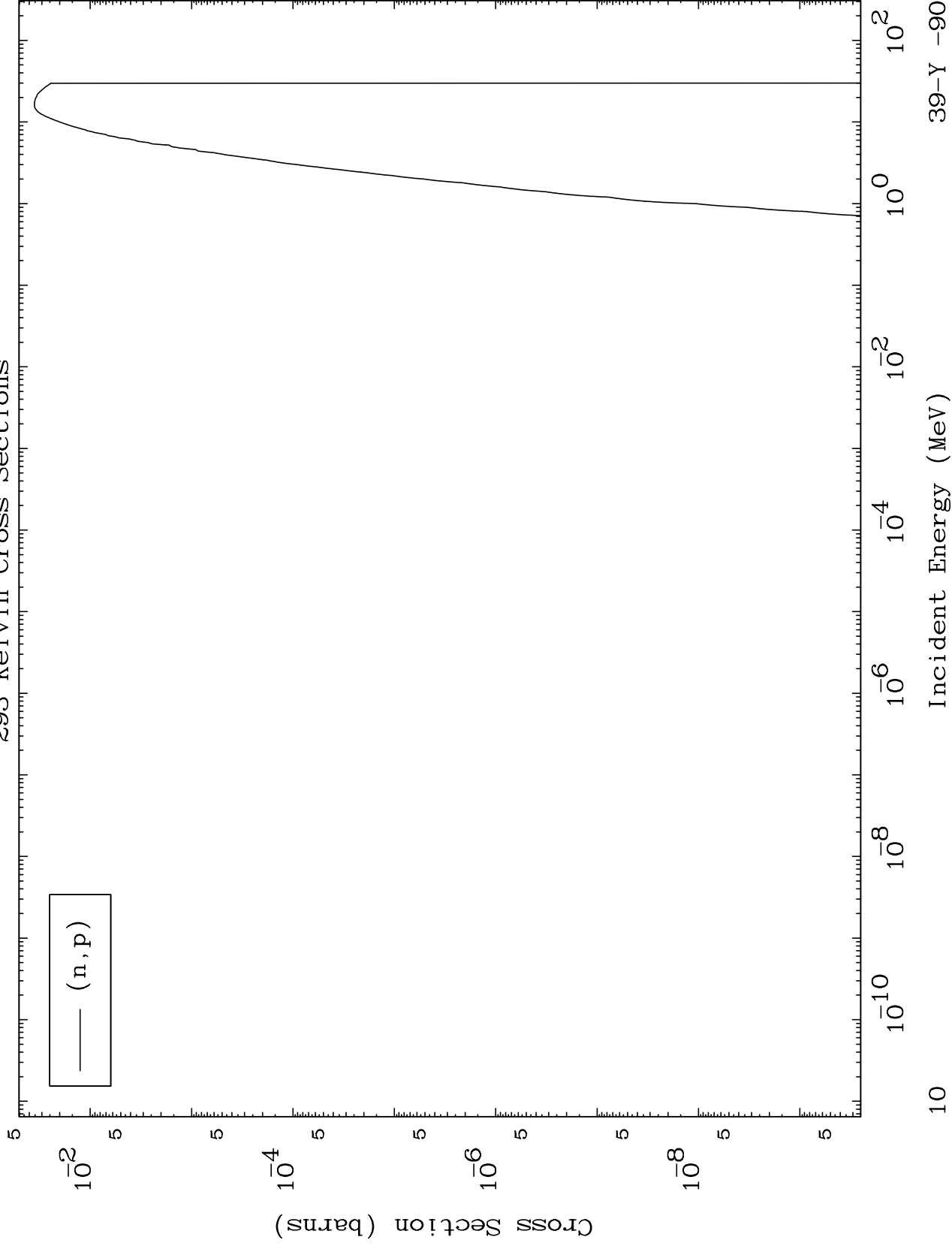
39-Y -90



MAT 3928

(n,p) Levels
293 Kelvin Cross Sections

39-Y -90



10

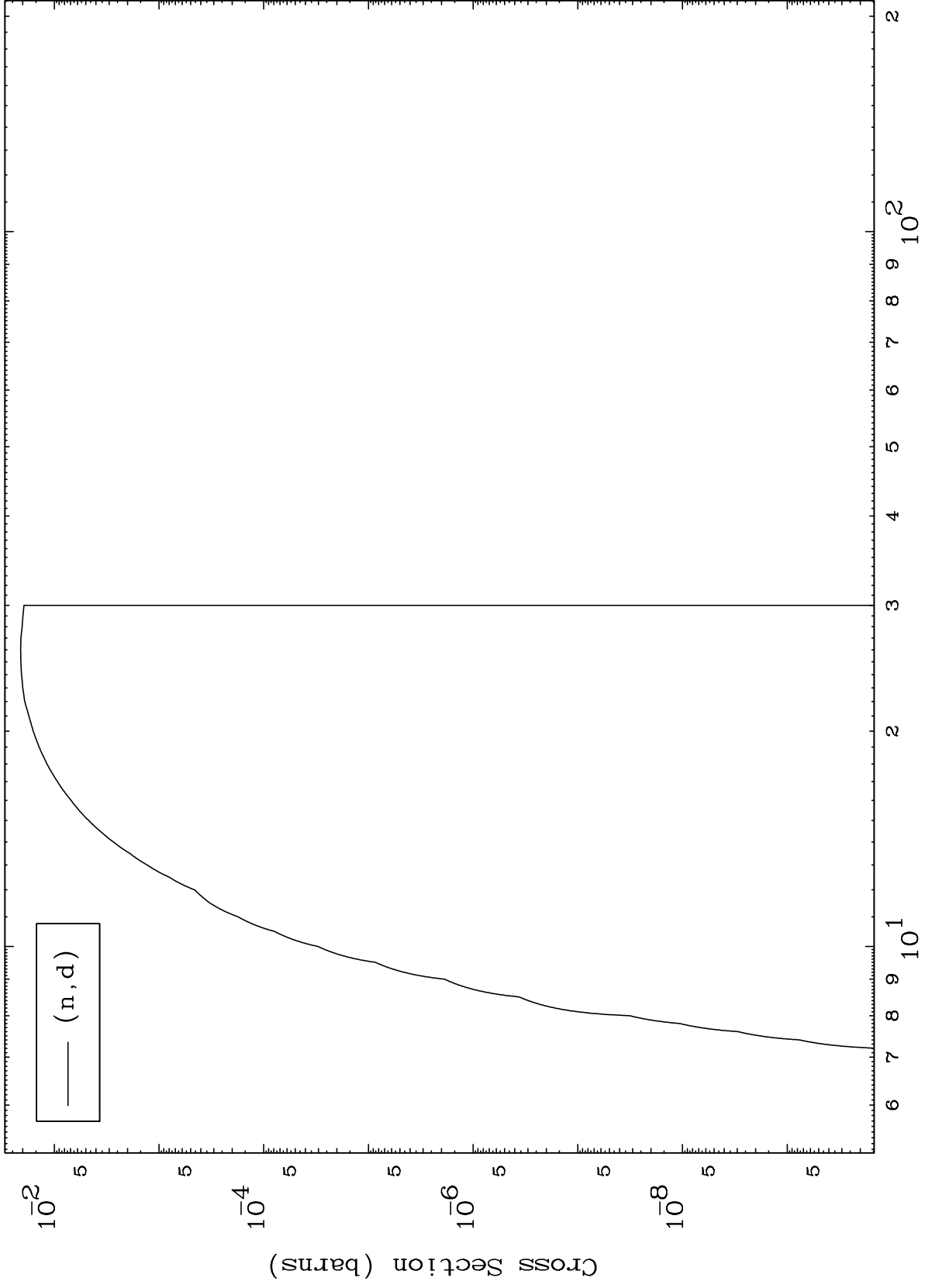
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39-Y -90

MAT 3928

(n,d) Levels
293 Kelvin Cross Sections

39-Y -90



11

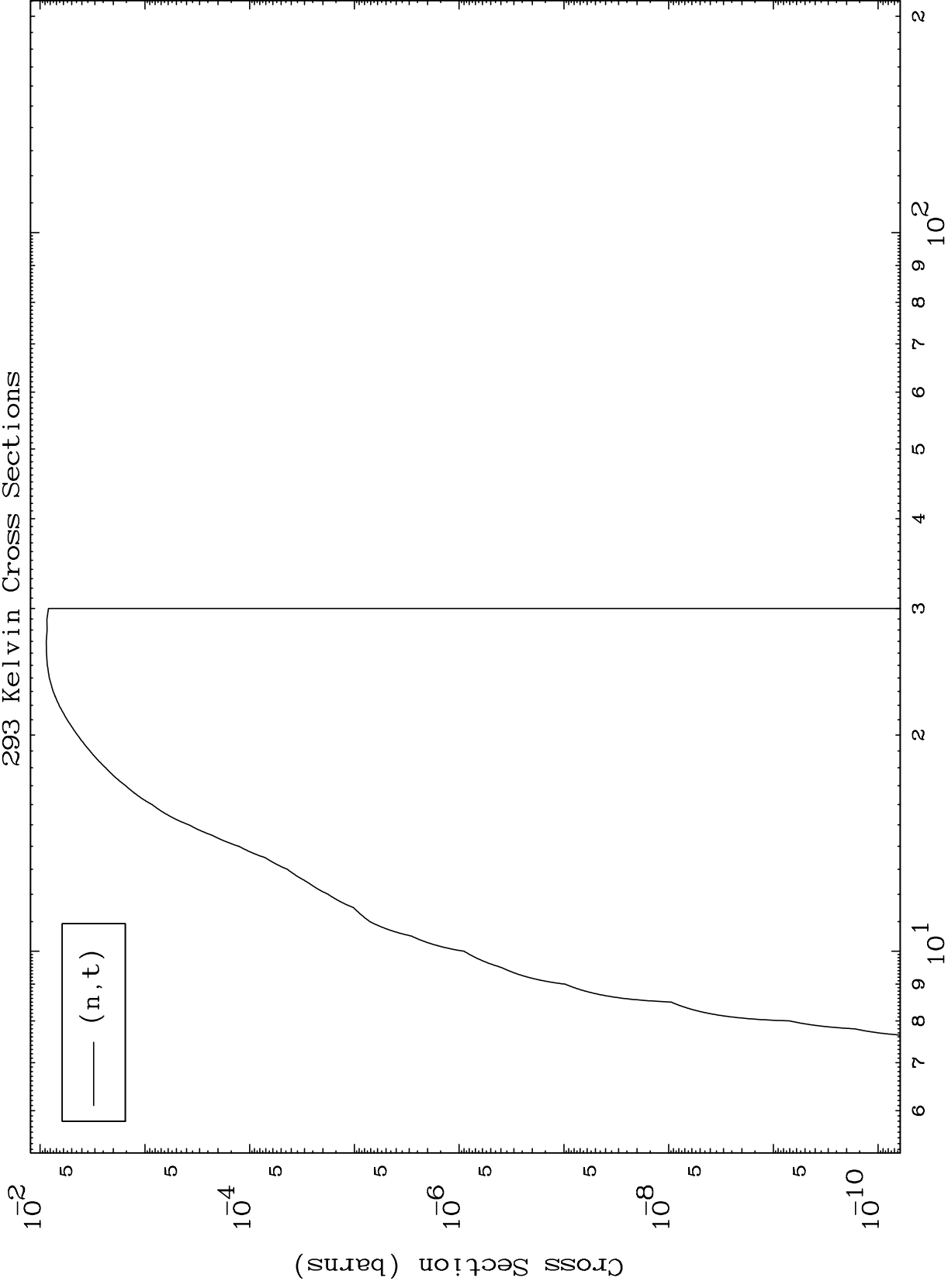
Incident Energy (MeV)

39-Y -90

MAT 3928

(n,t) Levels
293 Kelvin Cross Sections

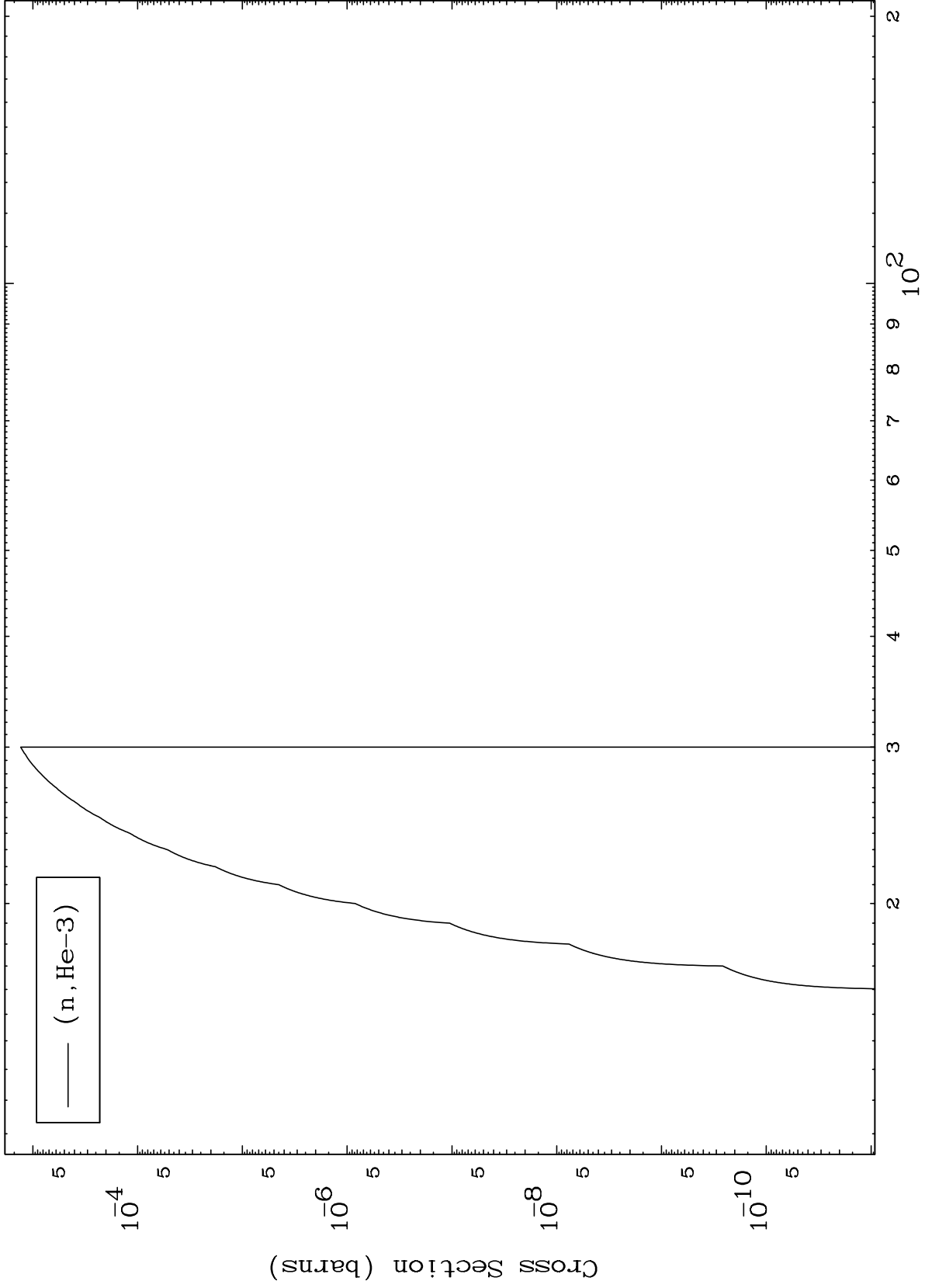
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12

Incident Energy (MeV)

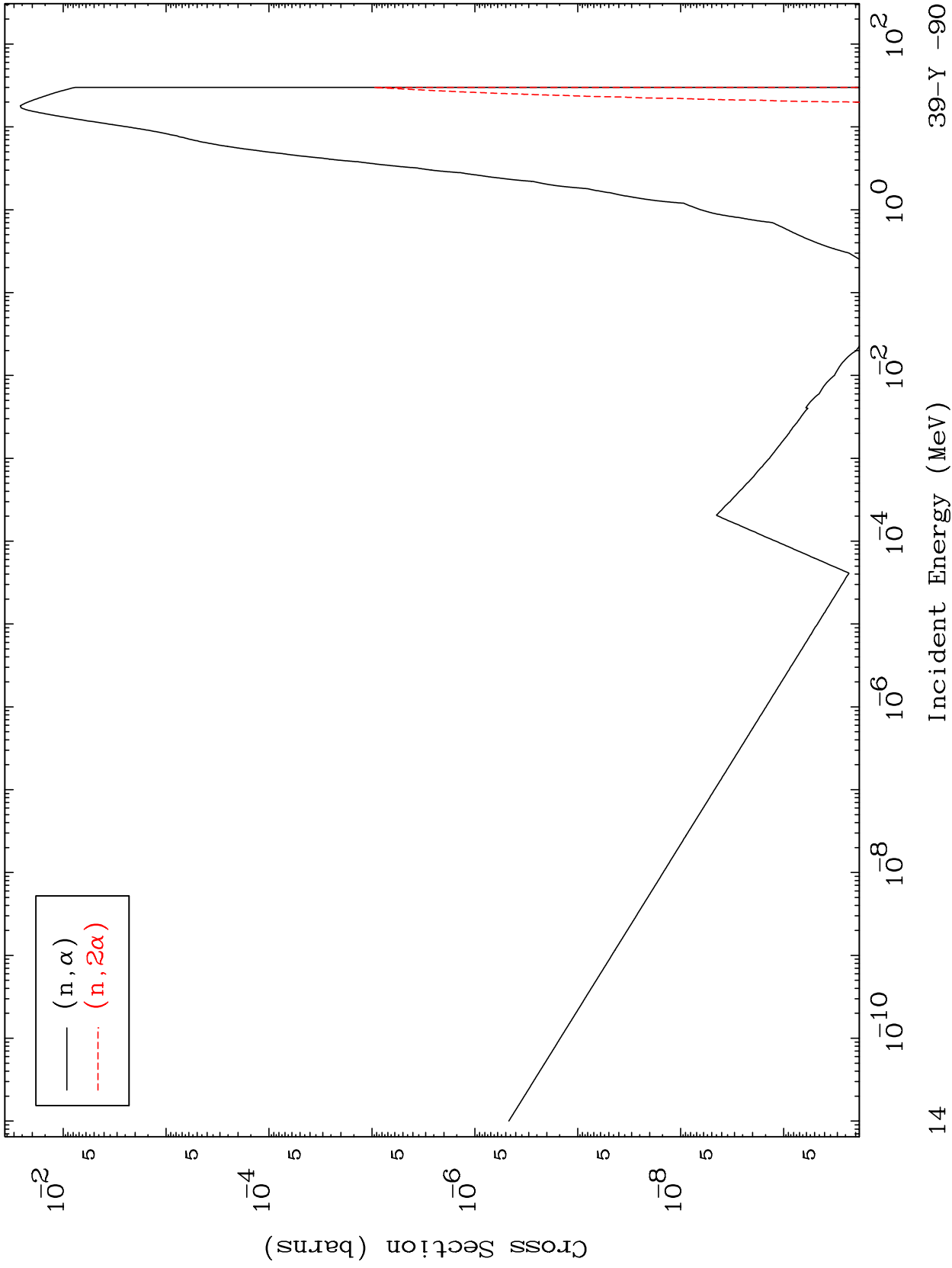
39-Y -90



MAT 3928

(n, α) Levels
293 Kelvin Cross Sections

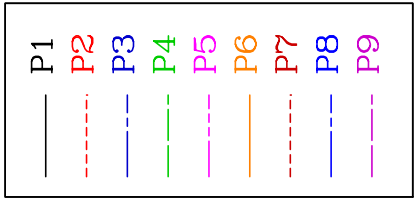
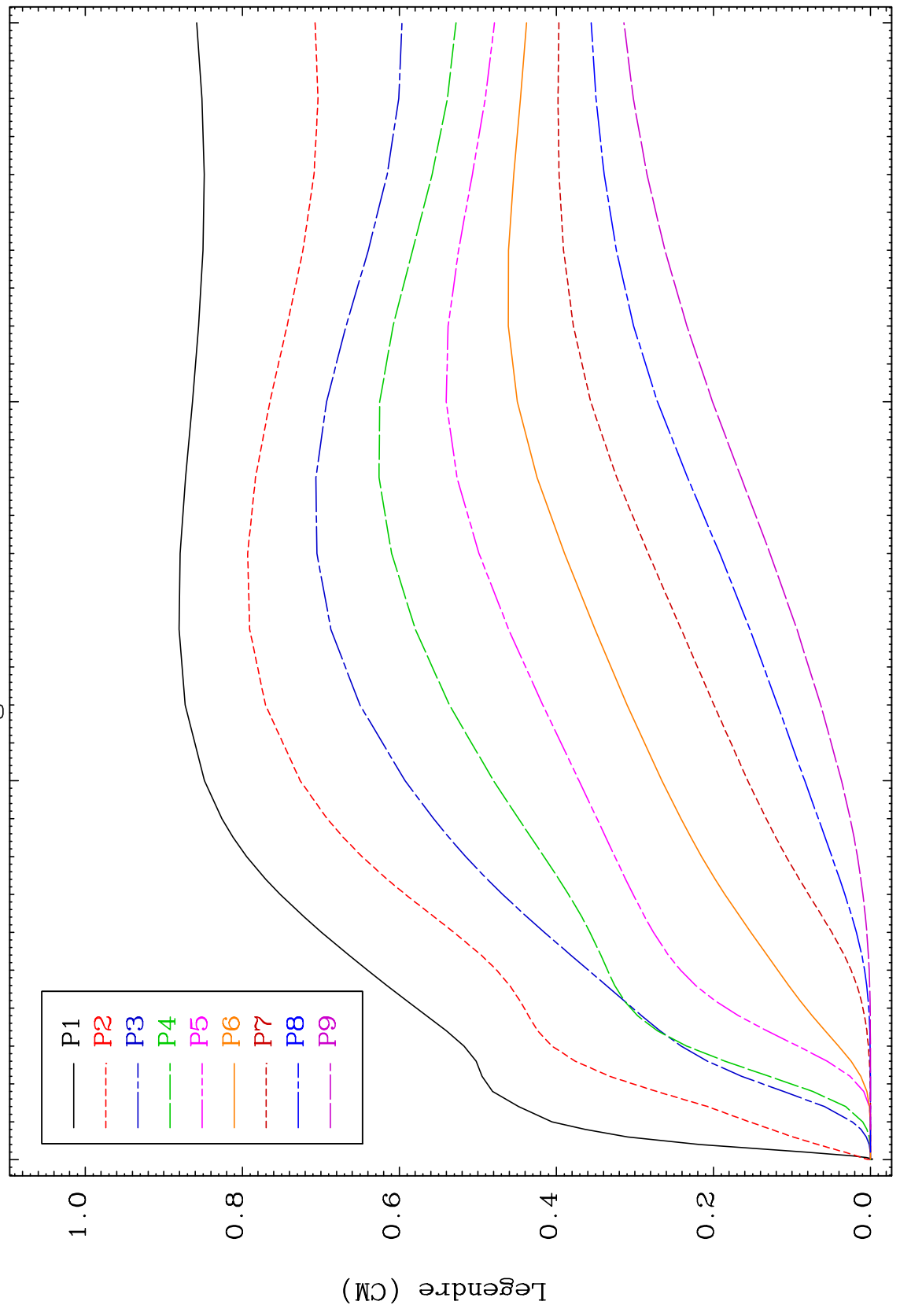
39-Y -90



MAT 3928

Elastic Legendre Coefficients

39-Y -90



15

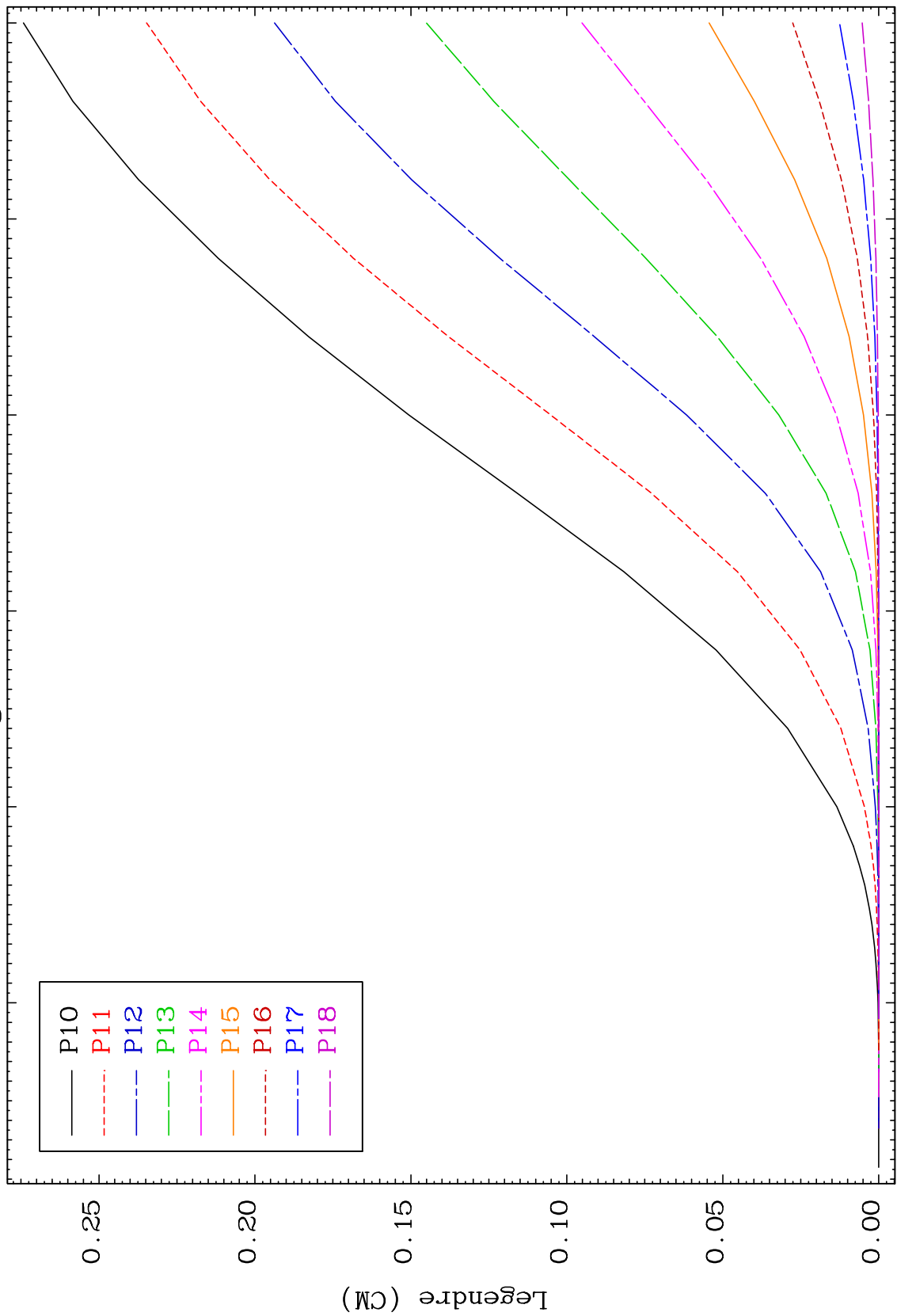
Incident Energy (MeV)

39-Y -90

MAT 3928

Elastic Legendre Coefficients

39-Y -90



16

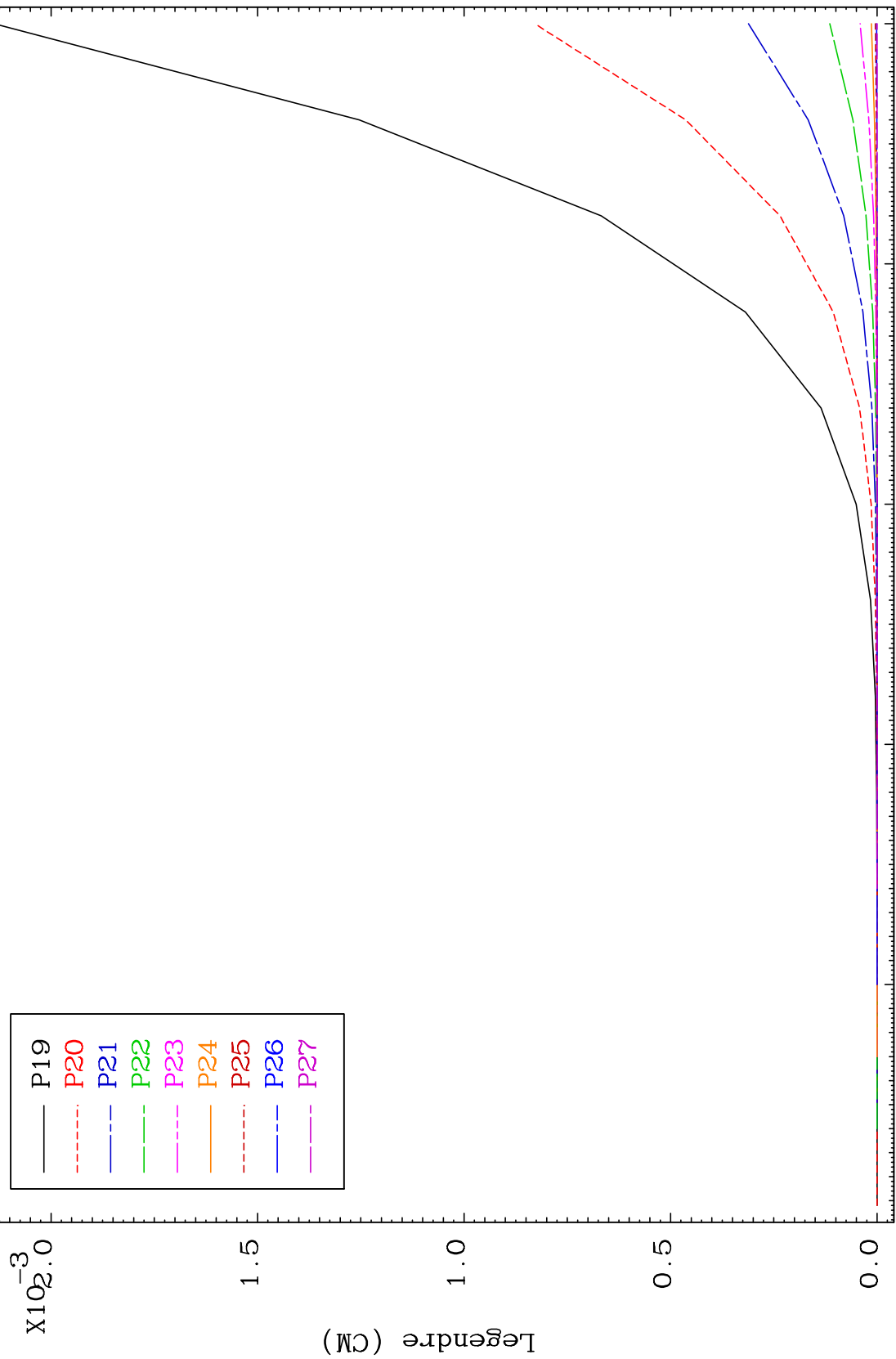
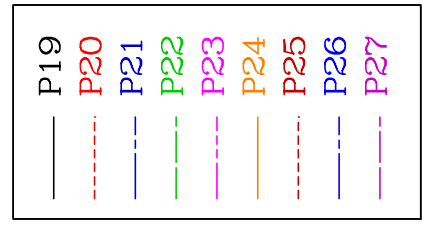
Incident Energy (MeV)

39-Y -90

MAT 3928

Elastic Legendre Coefficients

39-Y -90



17

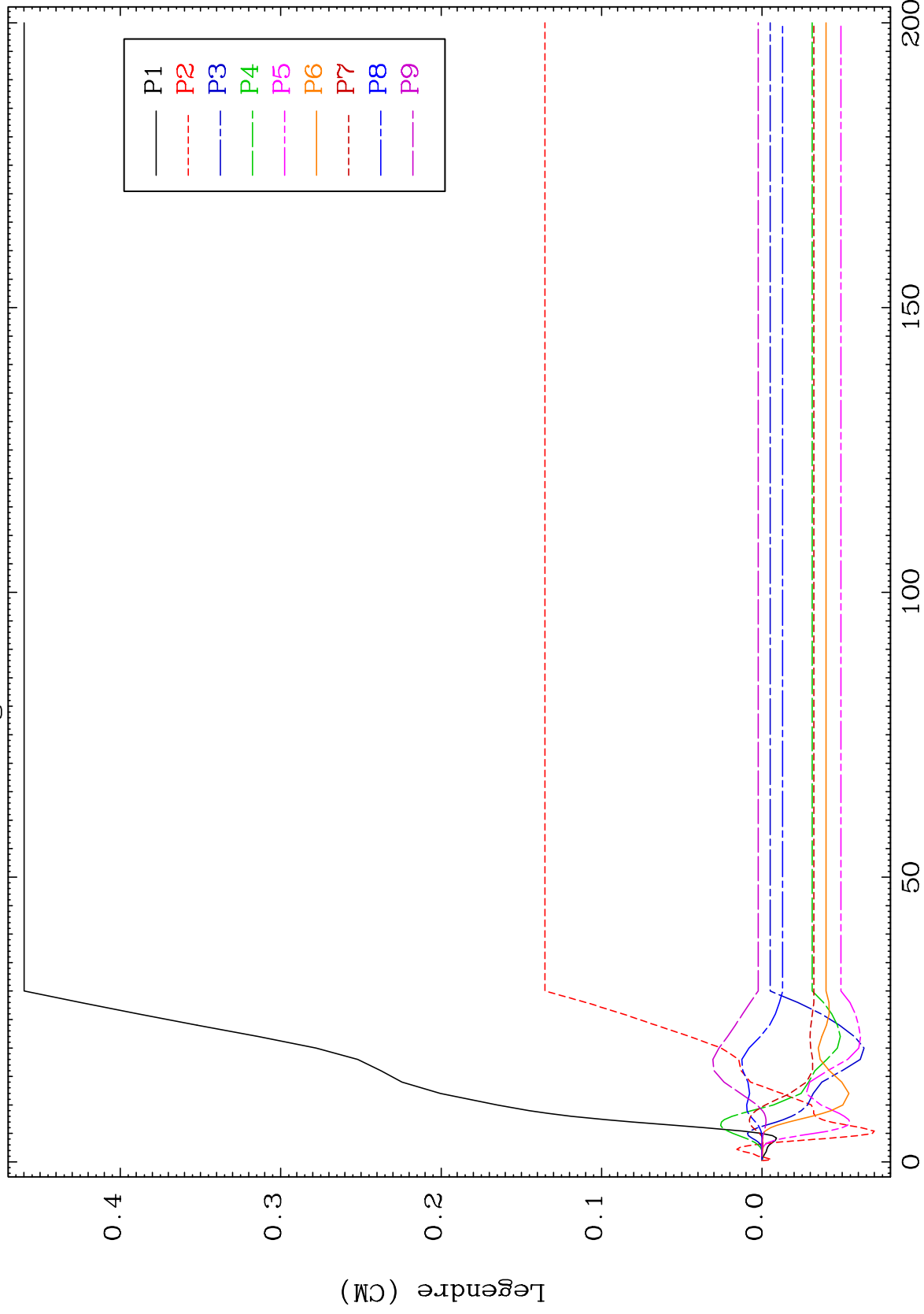
Incident Energy (MeV)

39-Y -90

MAT 3928

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

39-Y -90



19

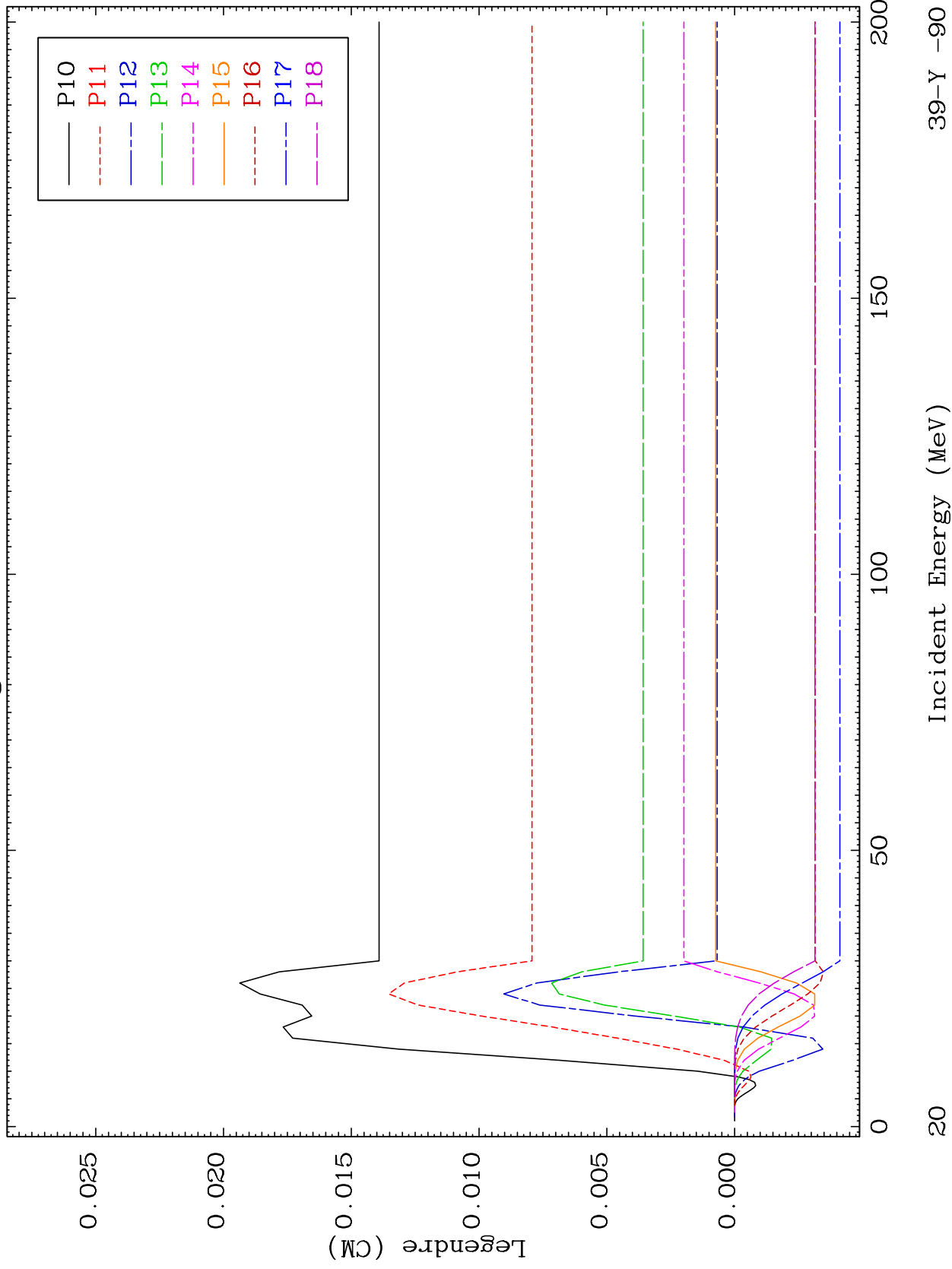
Incident Energy (MeV)

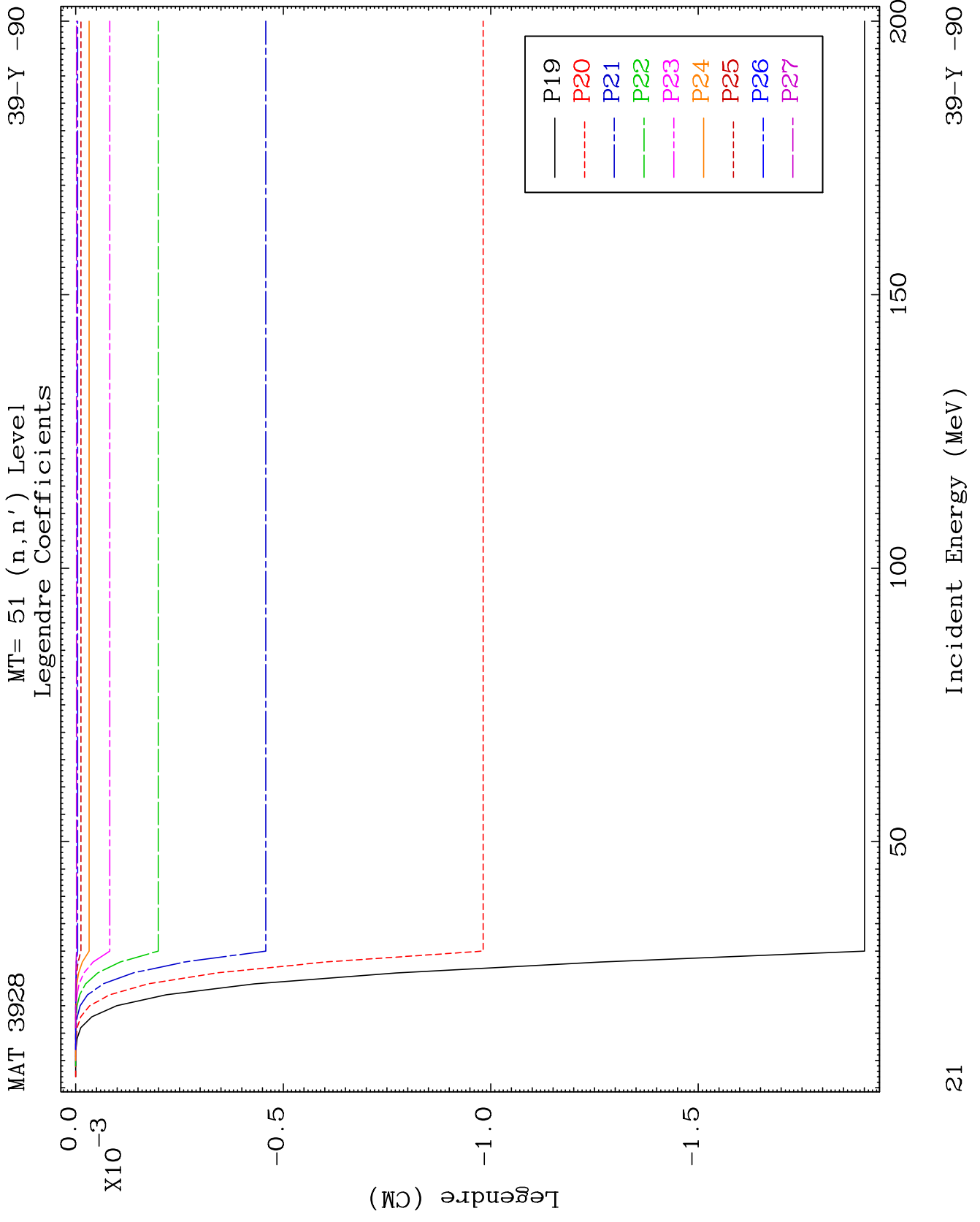
39-Y -90

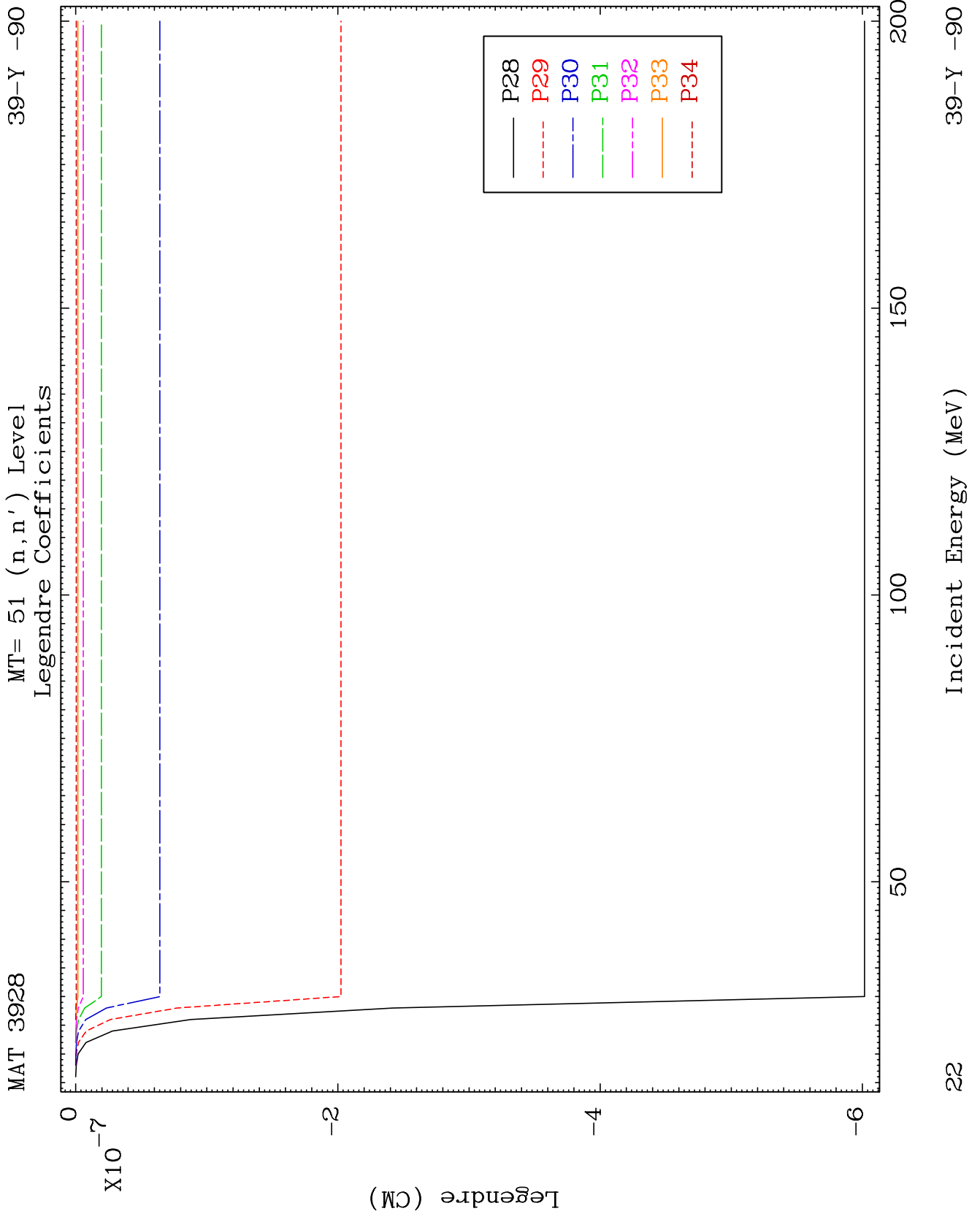
MAT 3928

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

39-Y -90



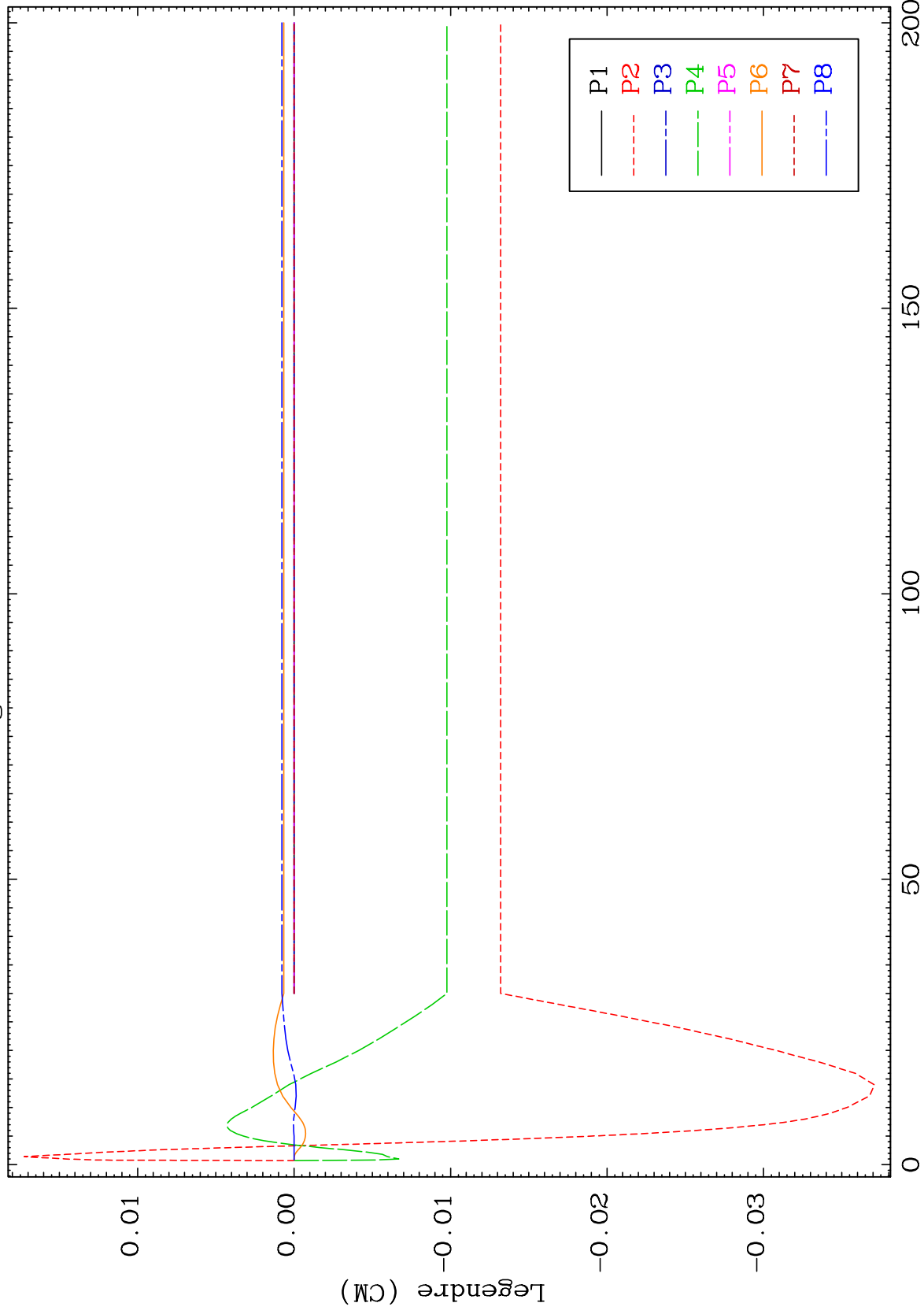




MAT 3928

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

39-Y -90



23

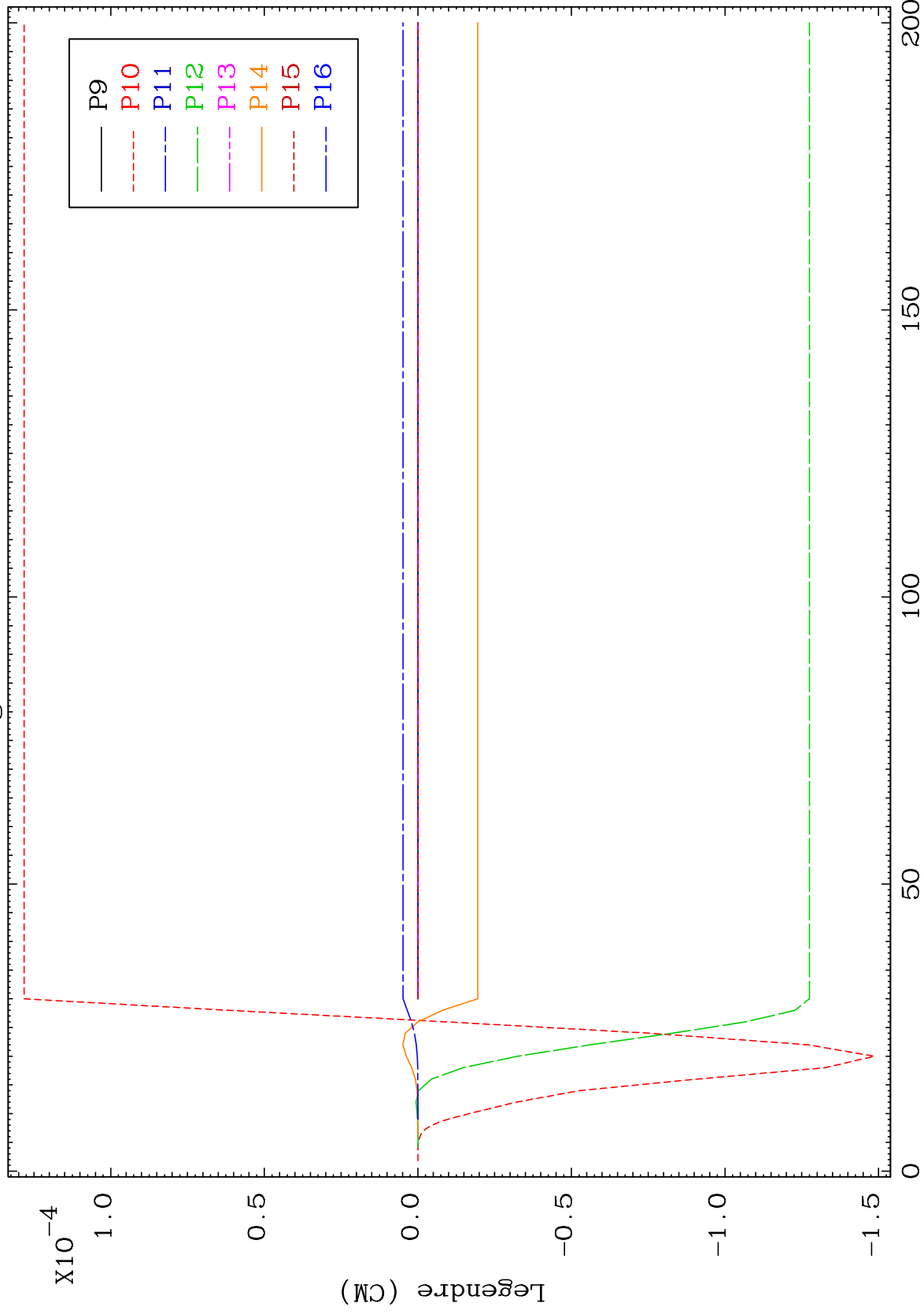
Incident Energy (MeV)

39-Y -90

MAT 3928

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

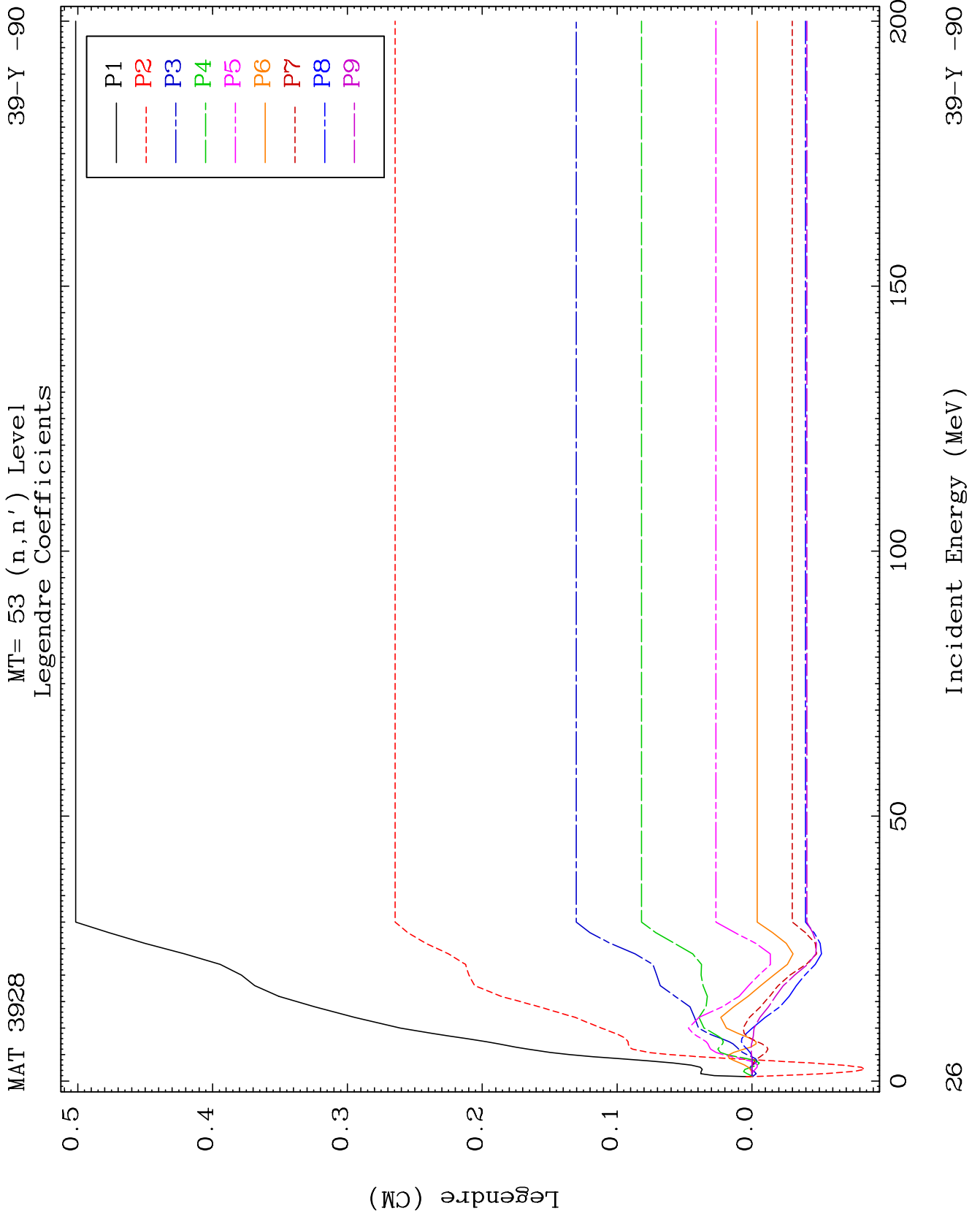
39-Y -90



24

Incident Energy (MeV)

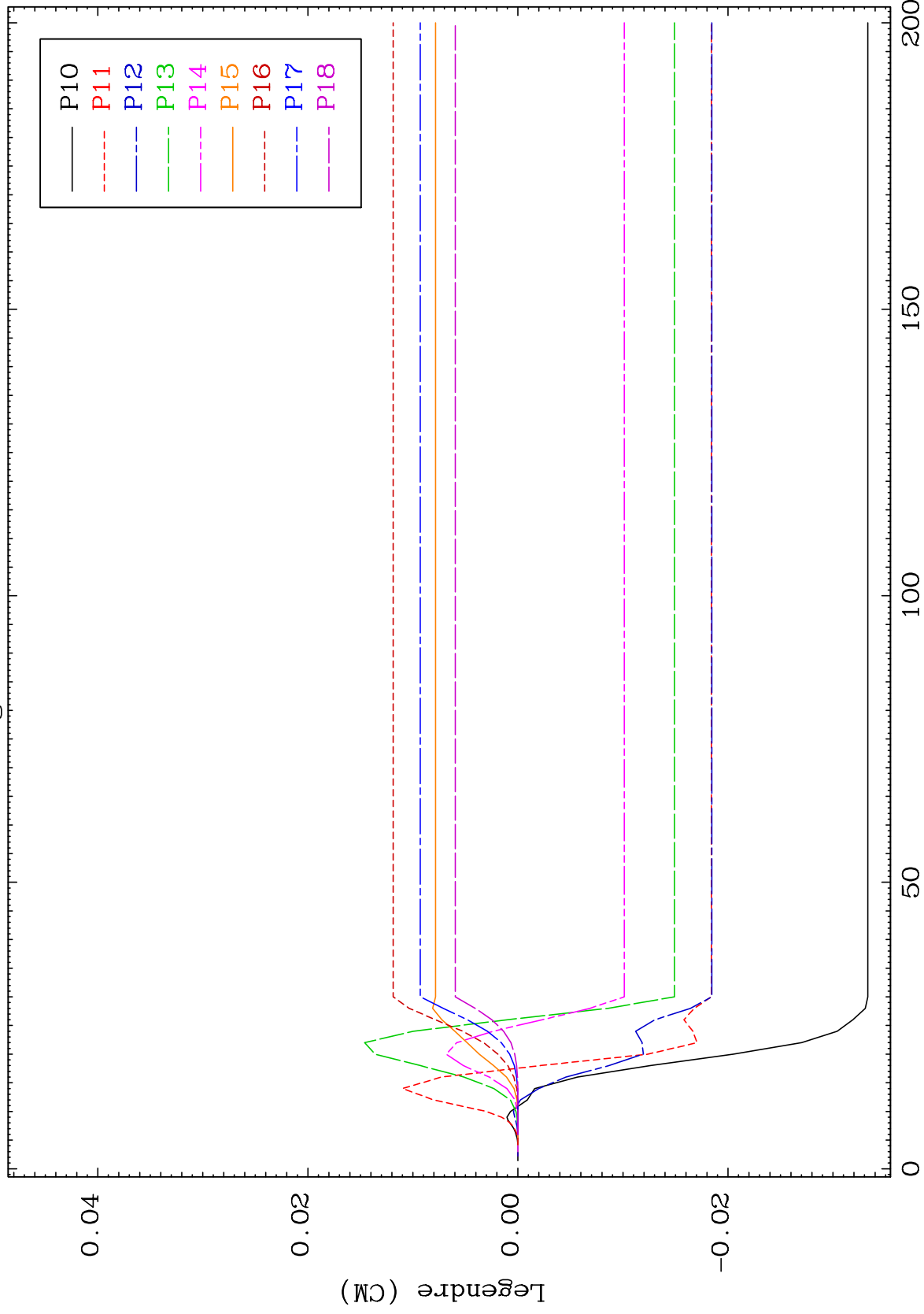
39-Y -90



MAT 3928

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

39-Y -90



27

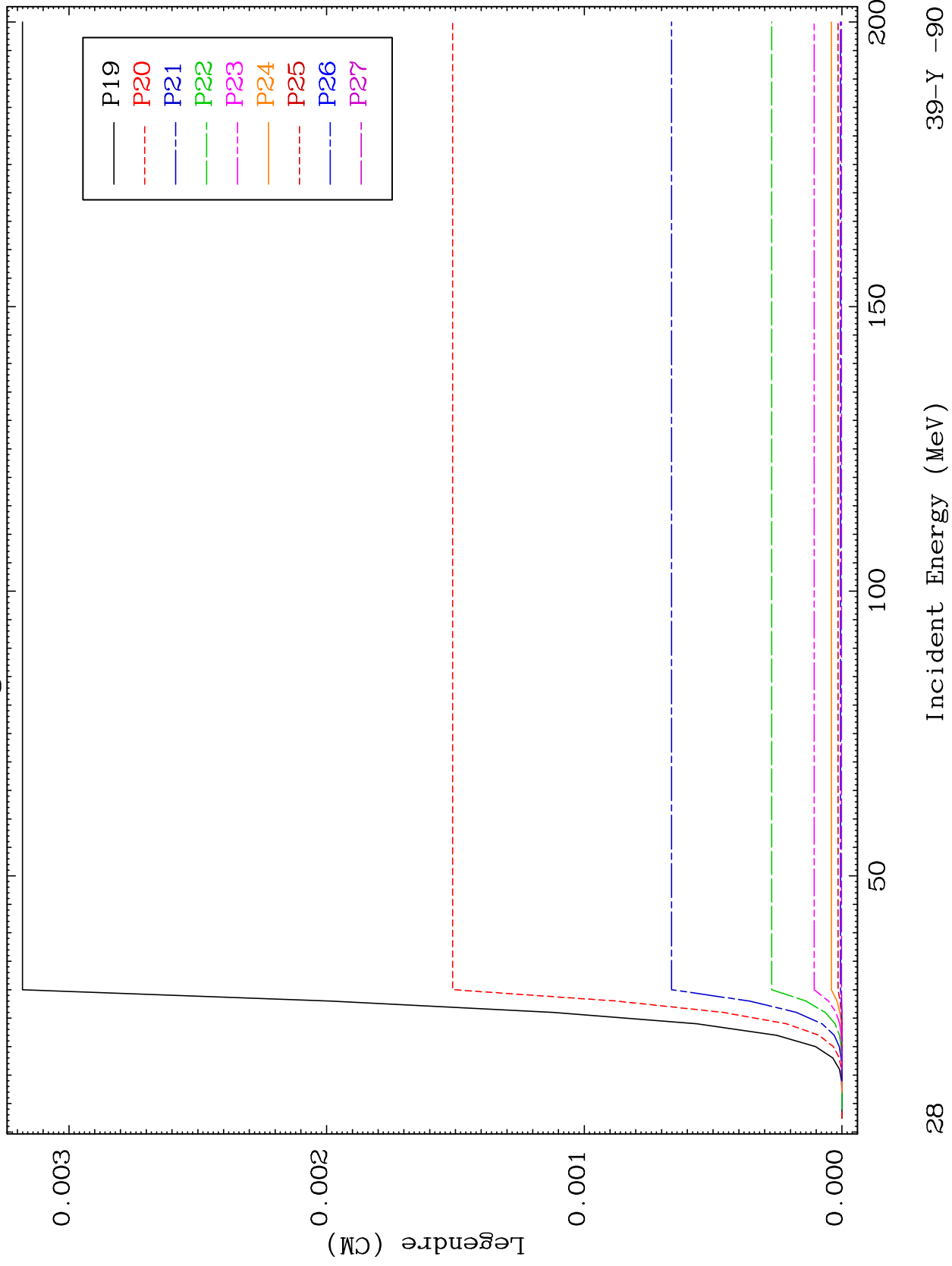
Incident Energy (MeV)

39-Y -90

MAT 3928

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

39-Y -90



28

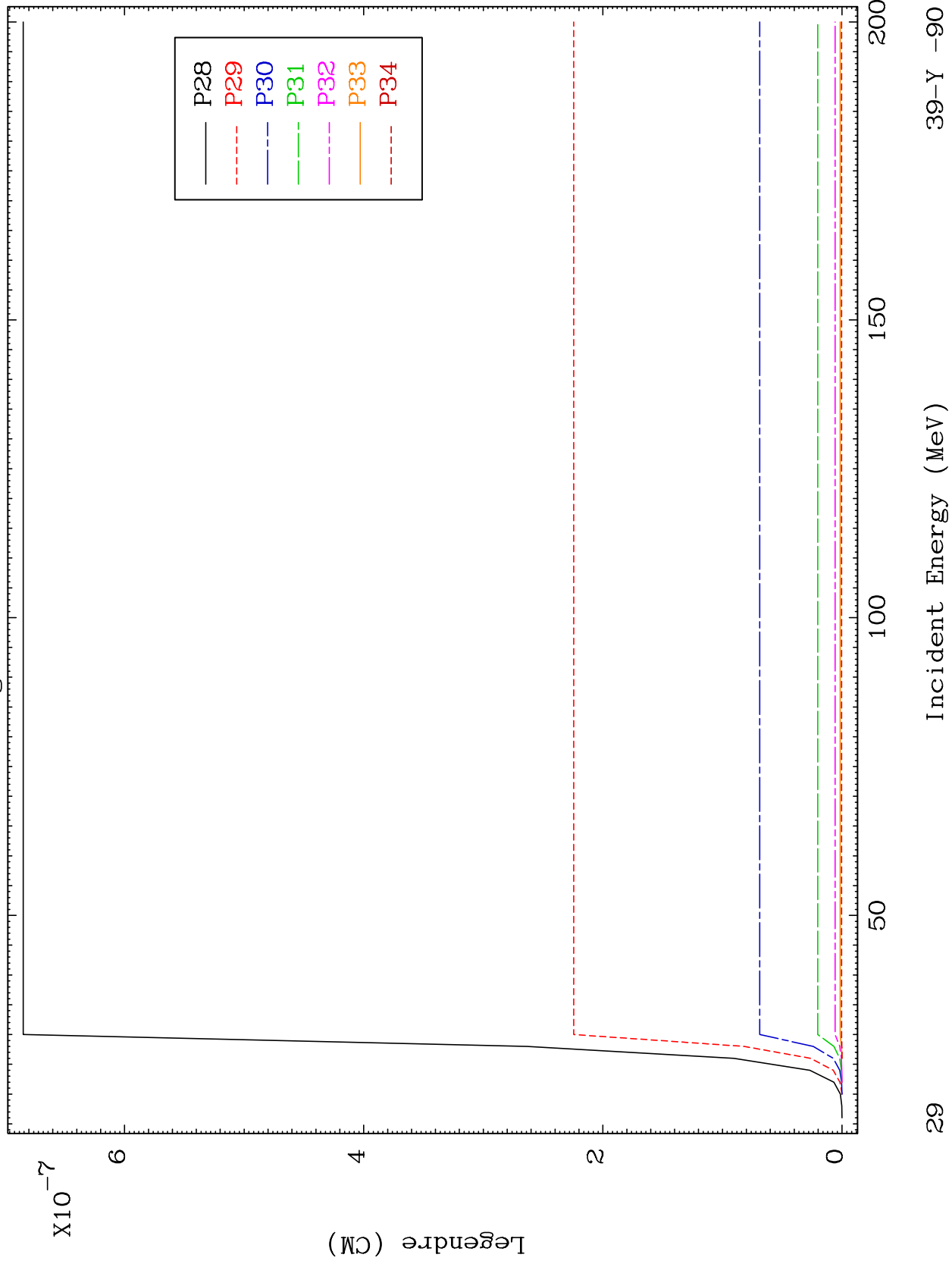
Incident Energy (MeV)

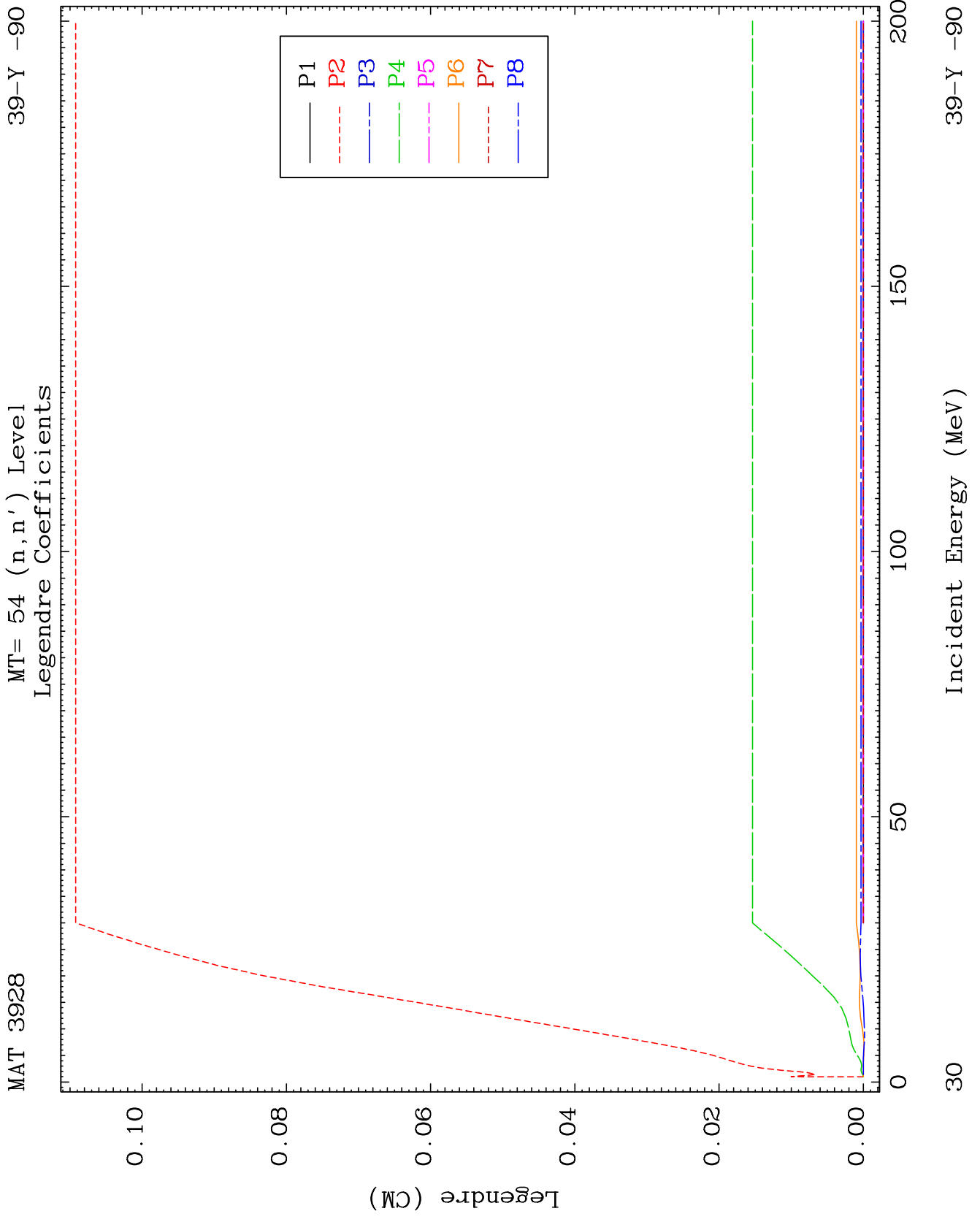
39-Y -90

MAT 3928

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

39-Y -90

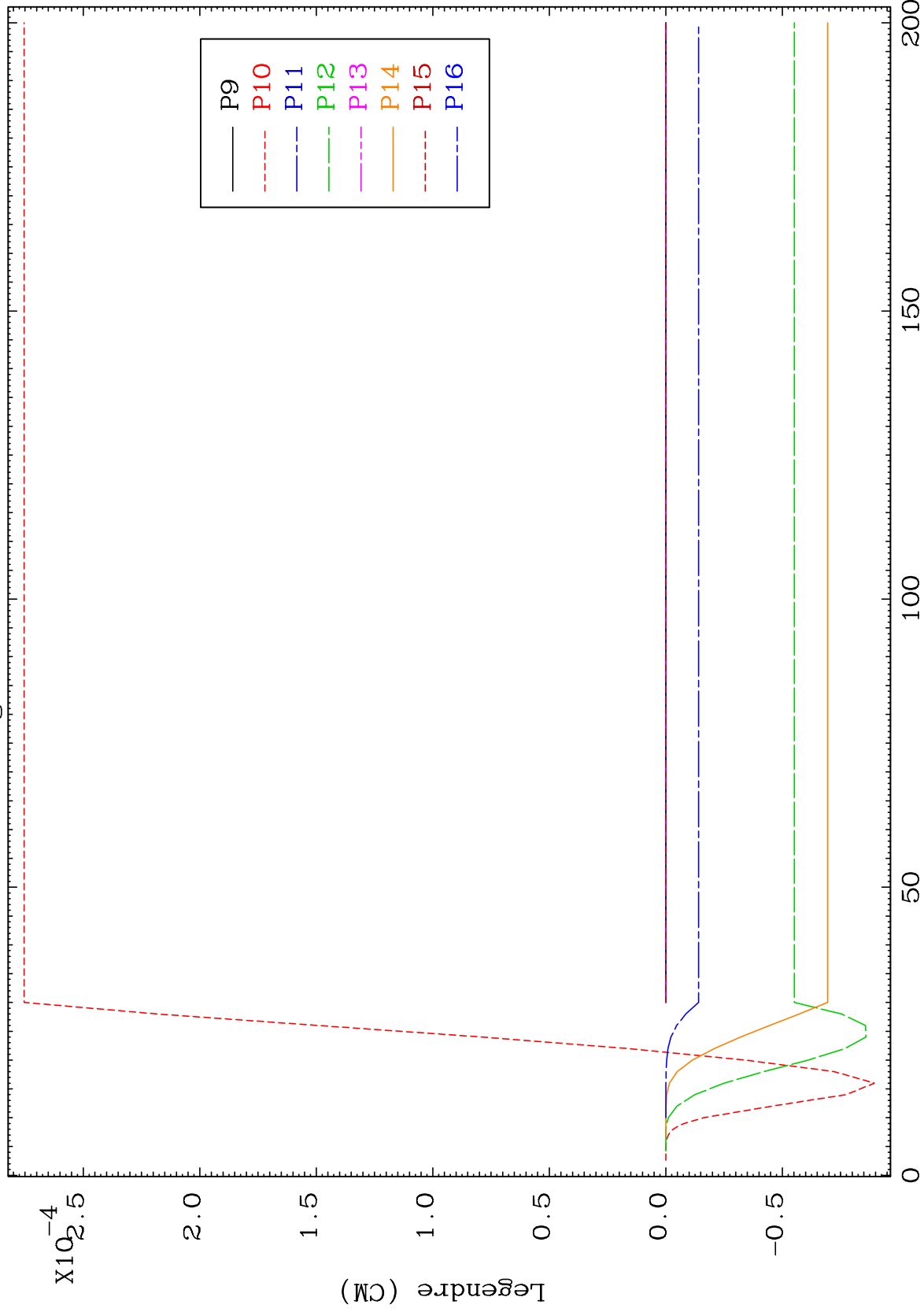




MAT 3928

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

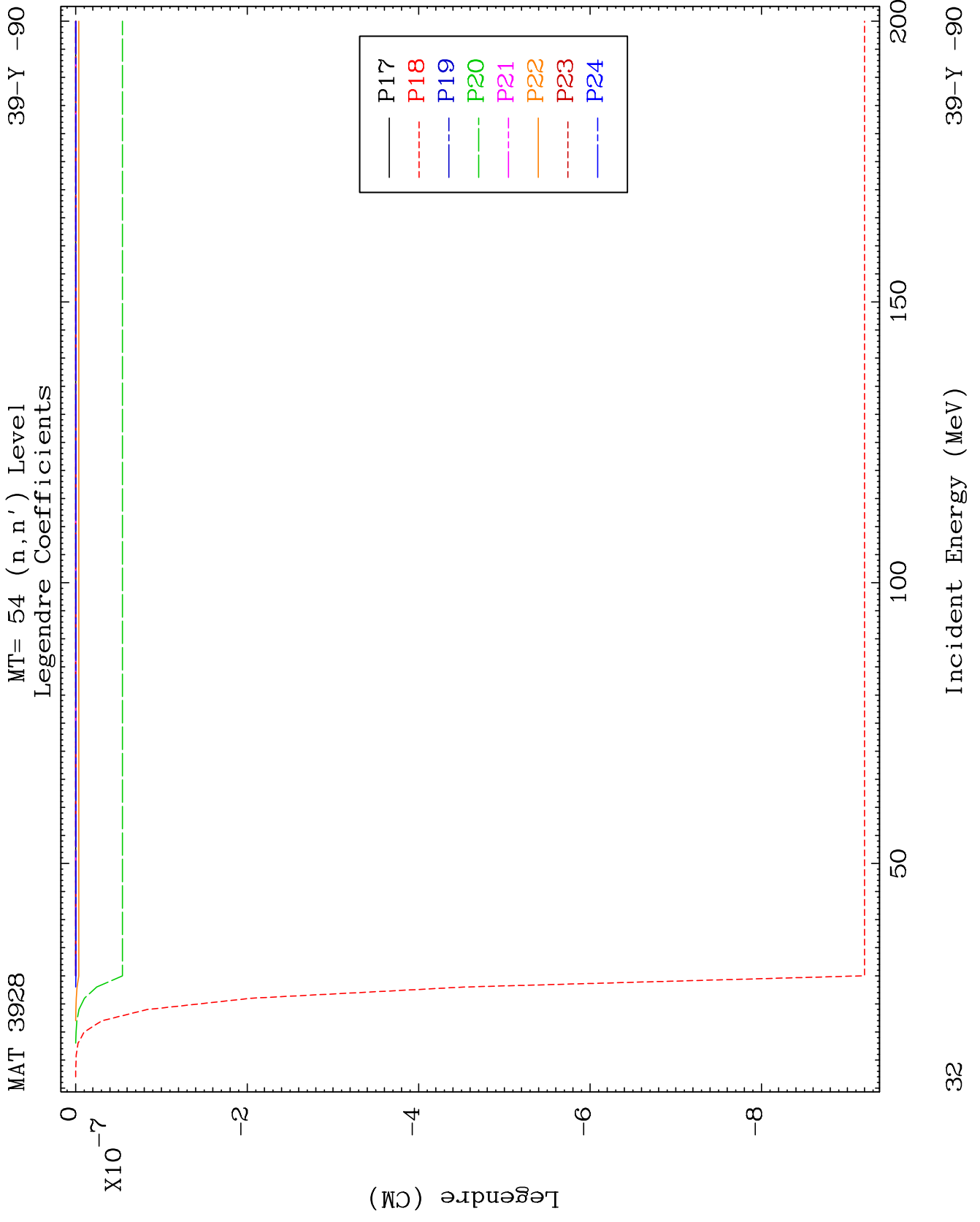
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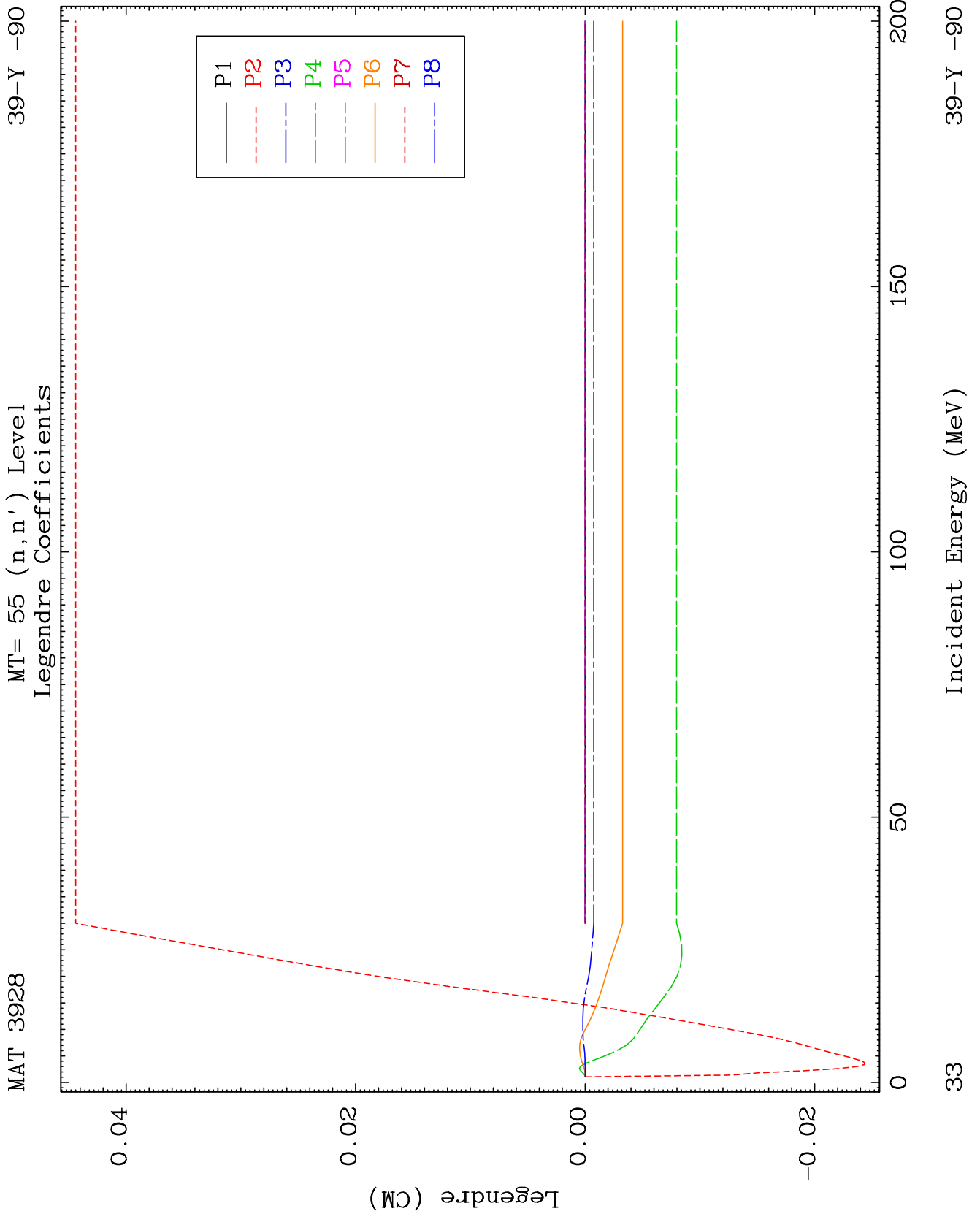


31

Incident Energy (MeV)

39-Y -90

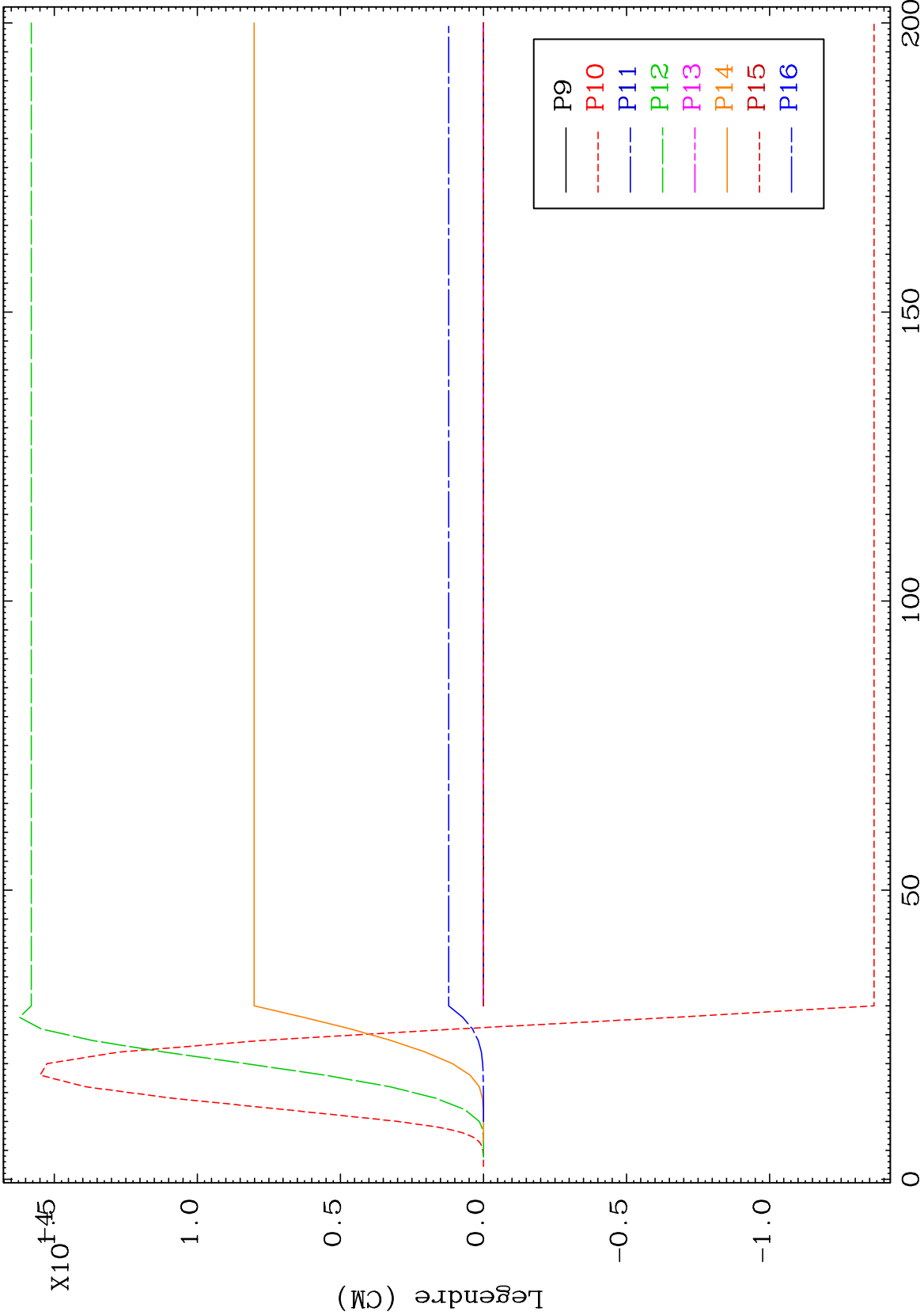




MAT 3928

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

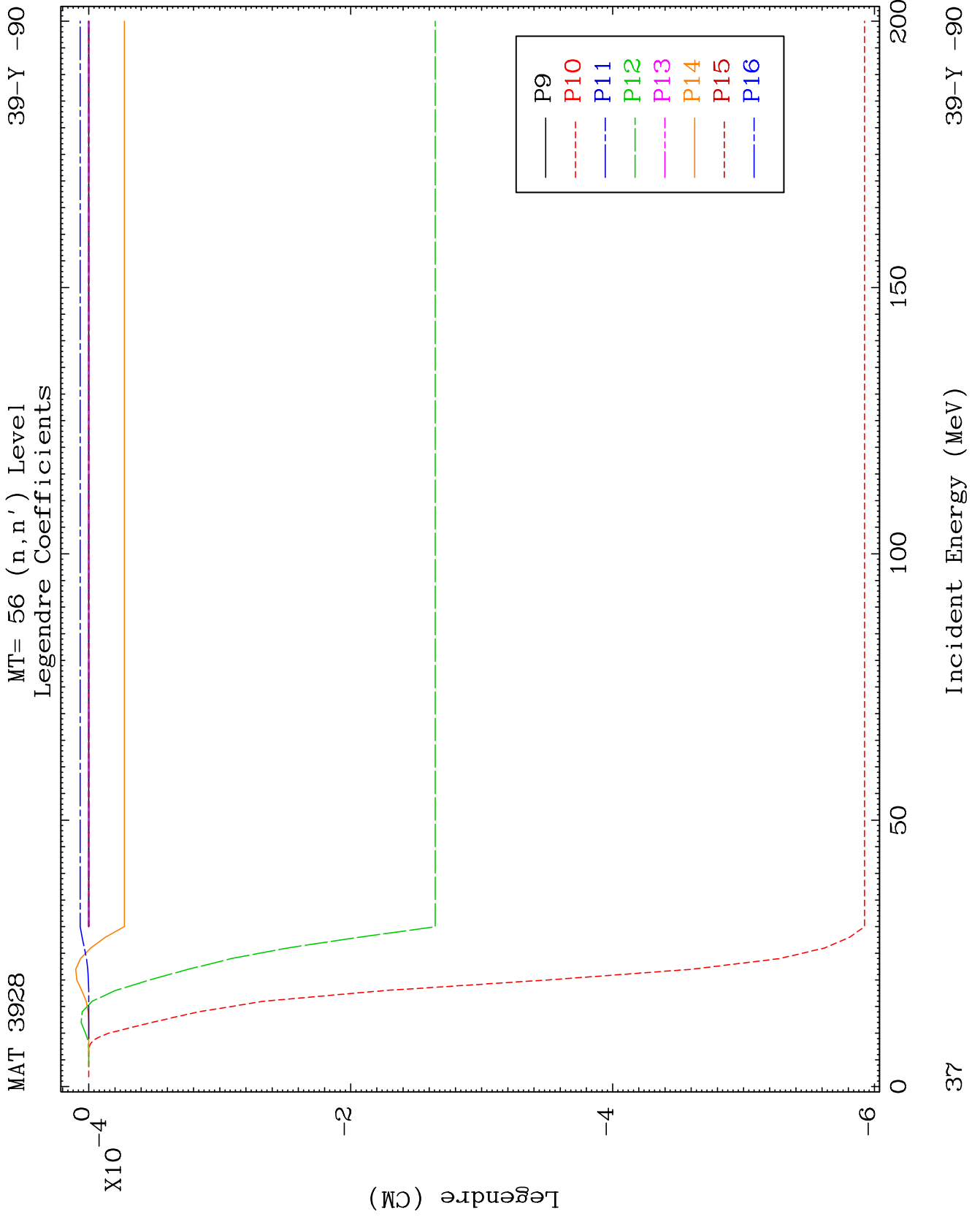
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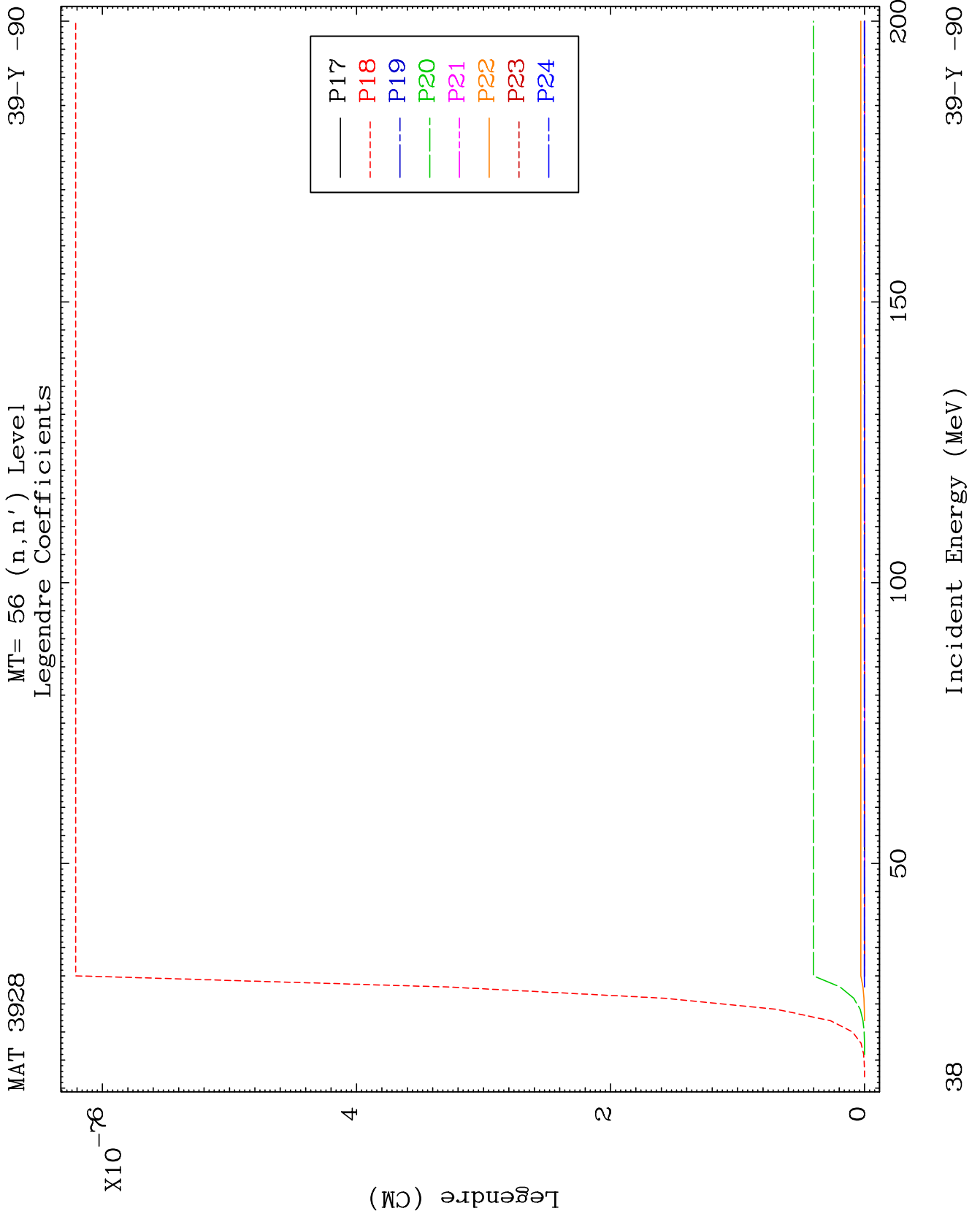


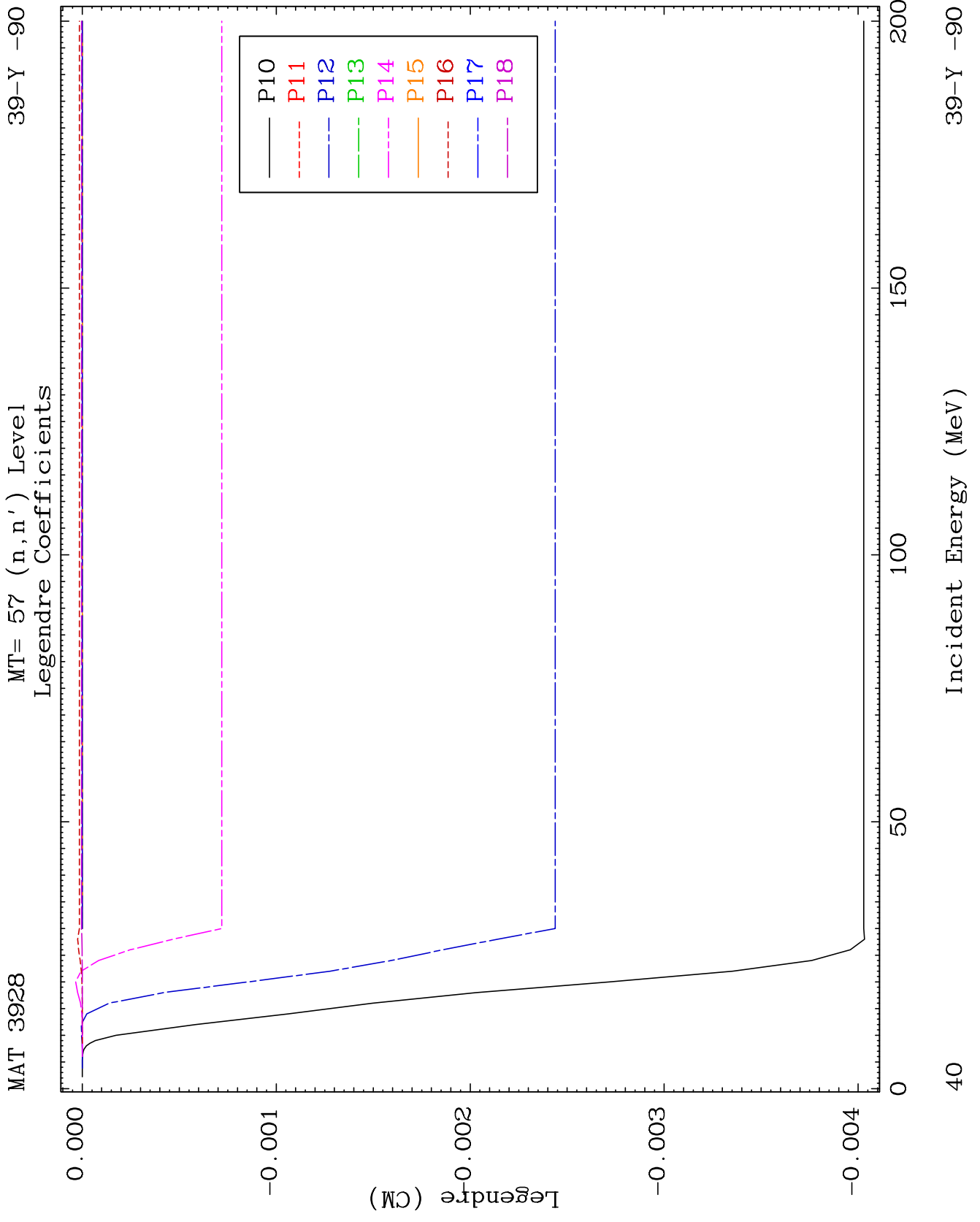
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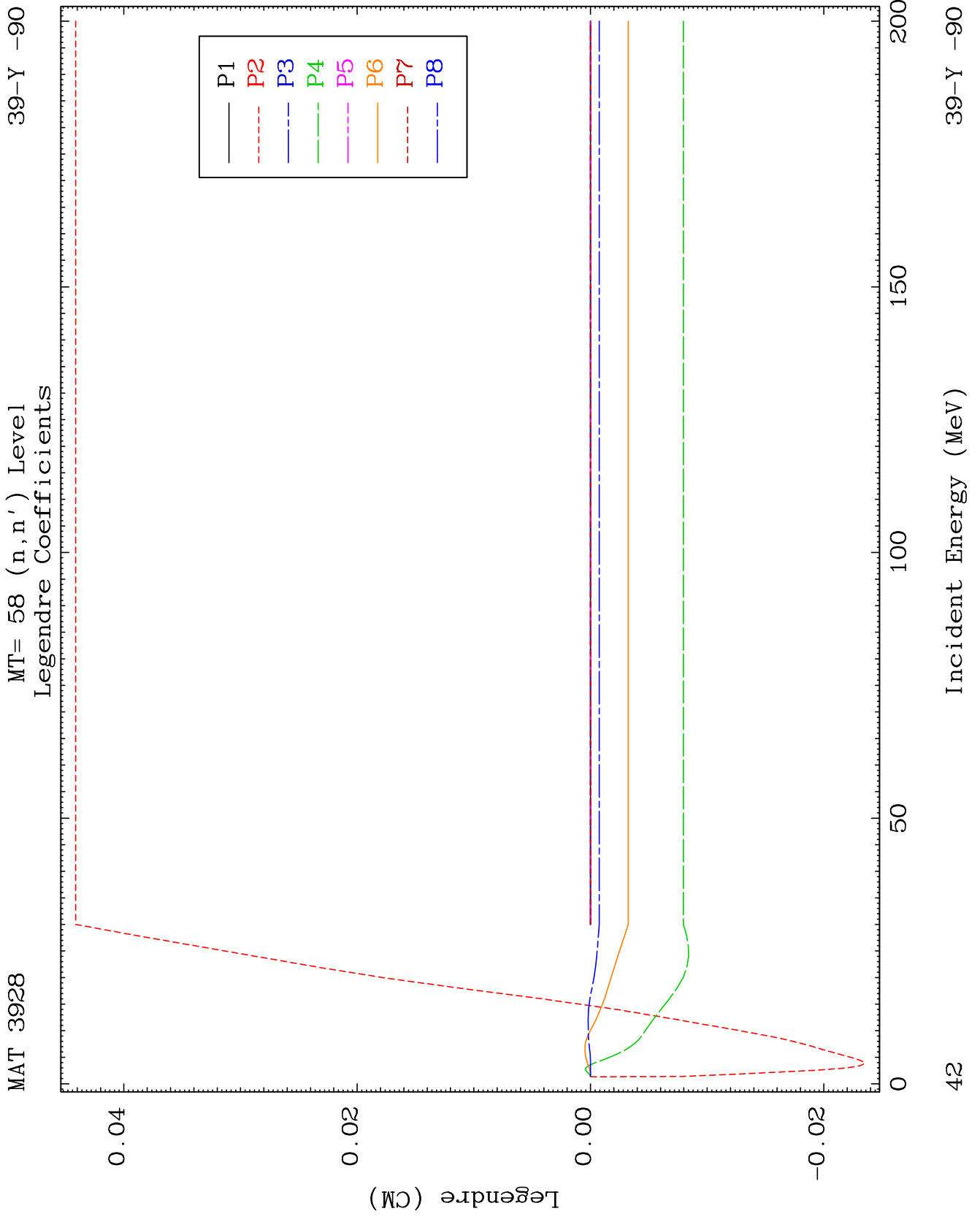
Incident Energy (MeV)

39-Y -90





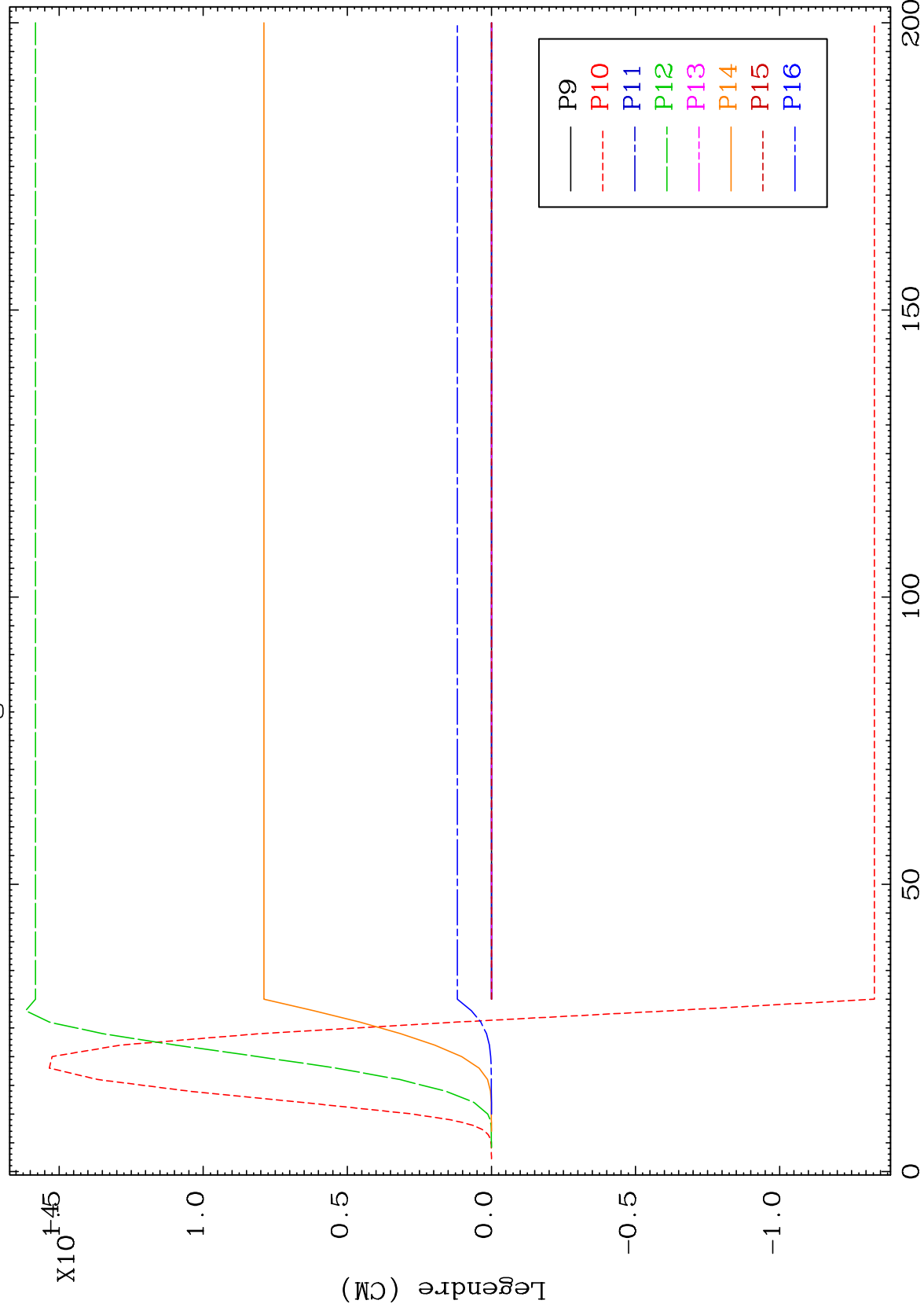




MAT 3928

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Legendre Coefficients

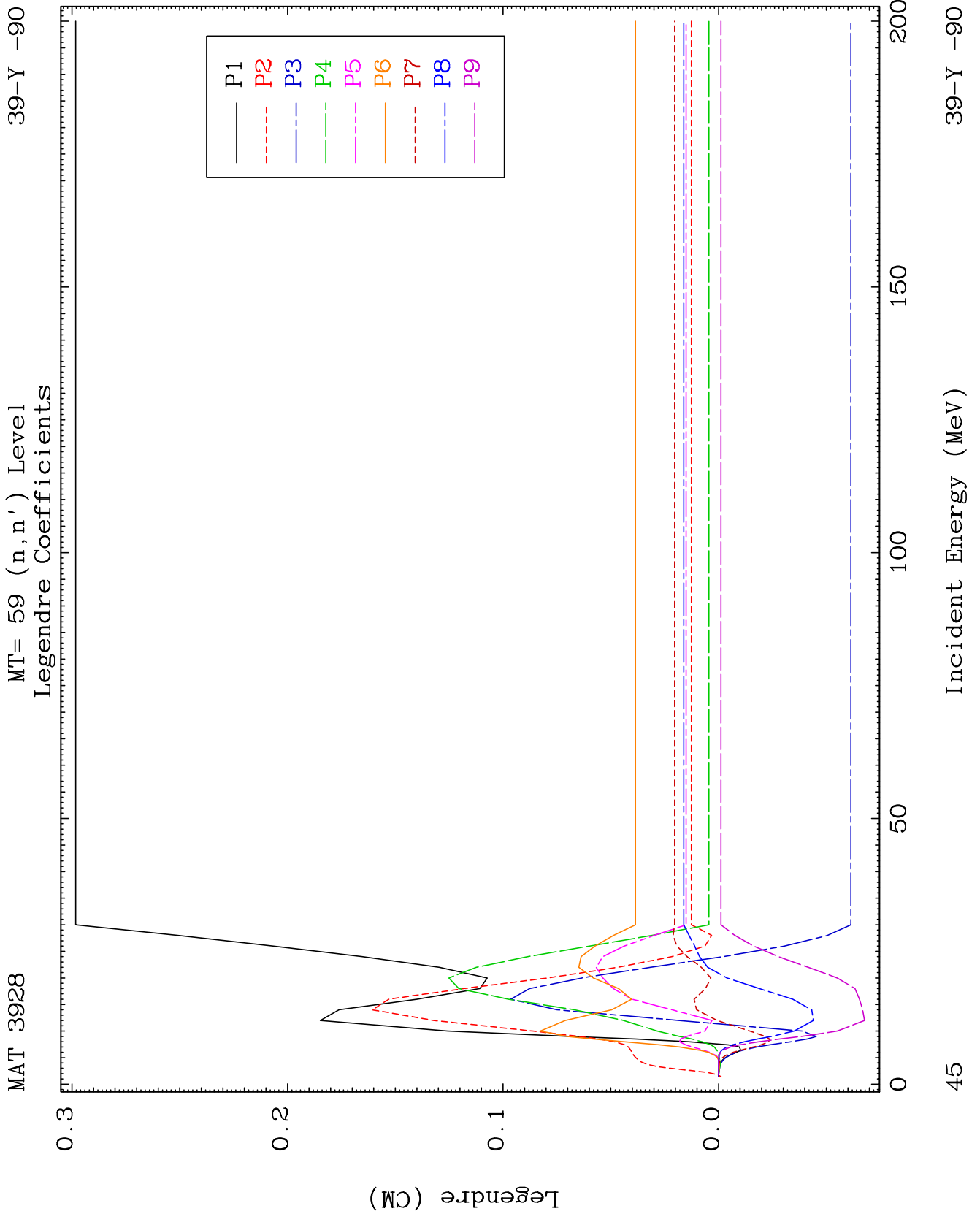
39-Y -90



43

Incident Energy (MeV)

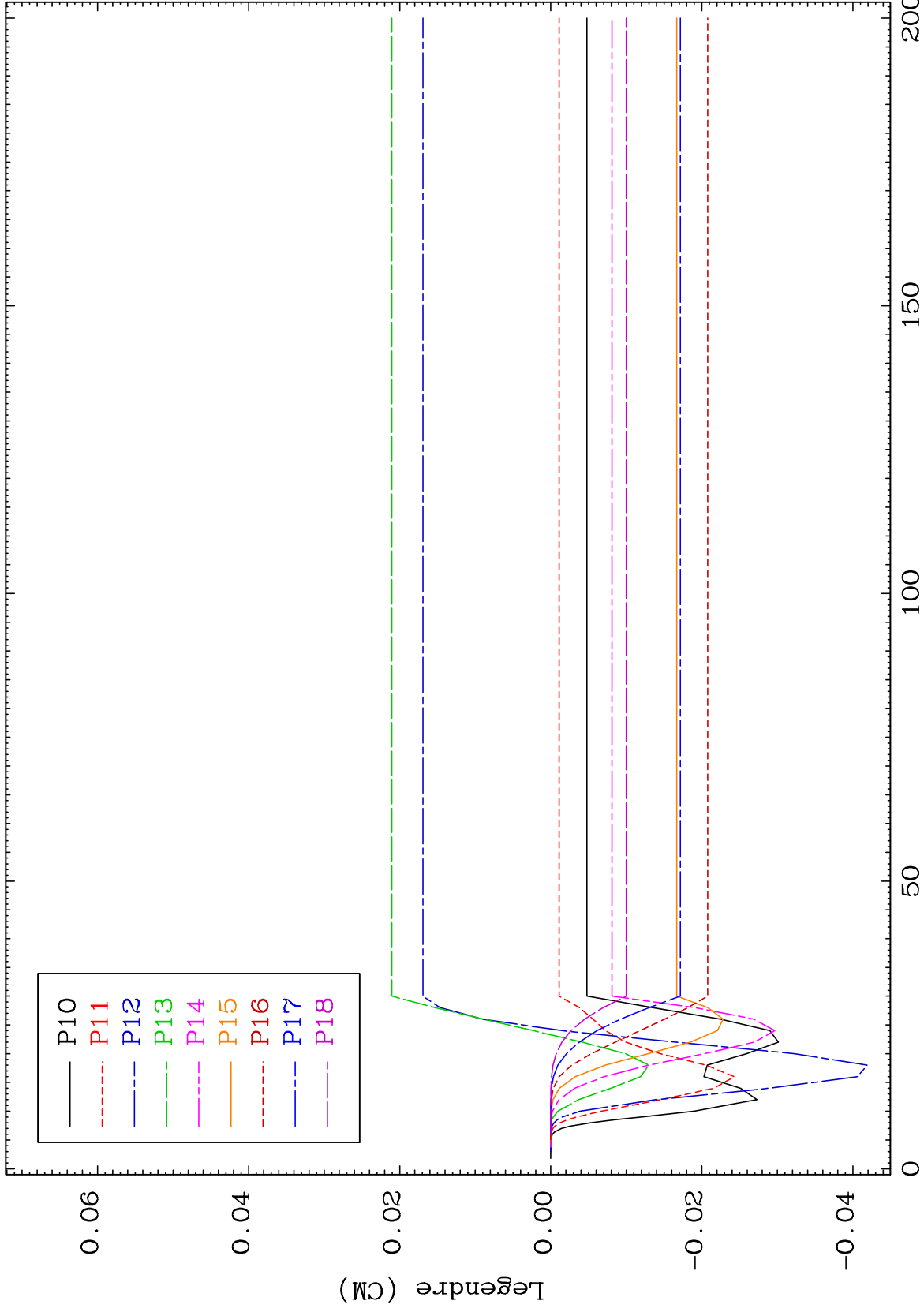
39-Y -90



MAT 3928

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

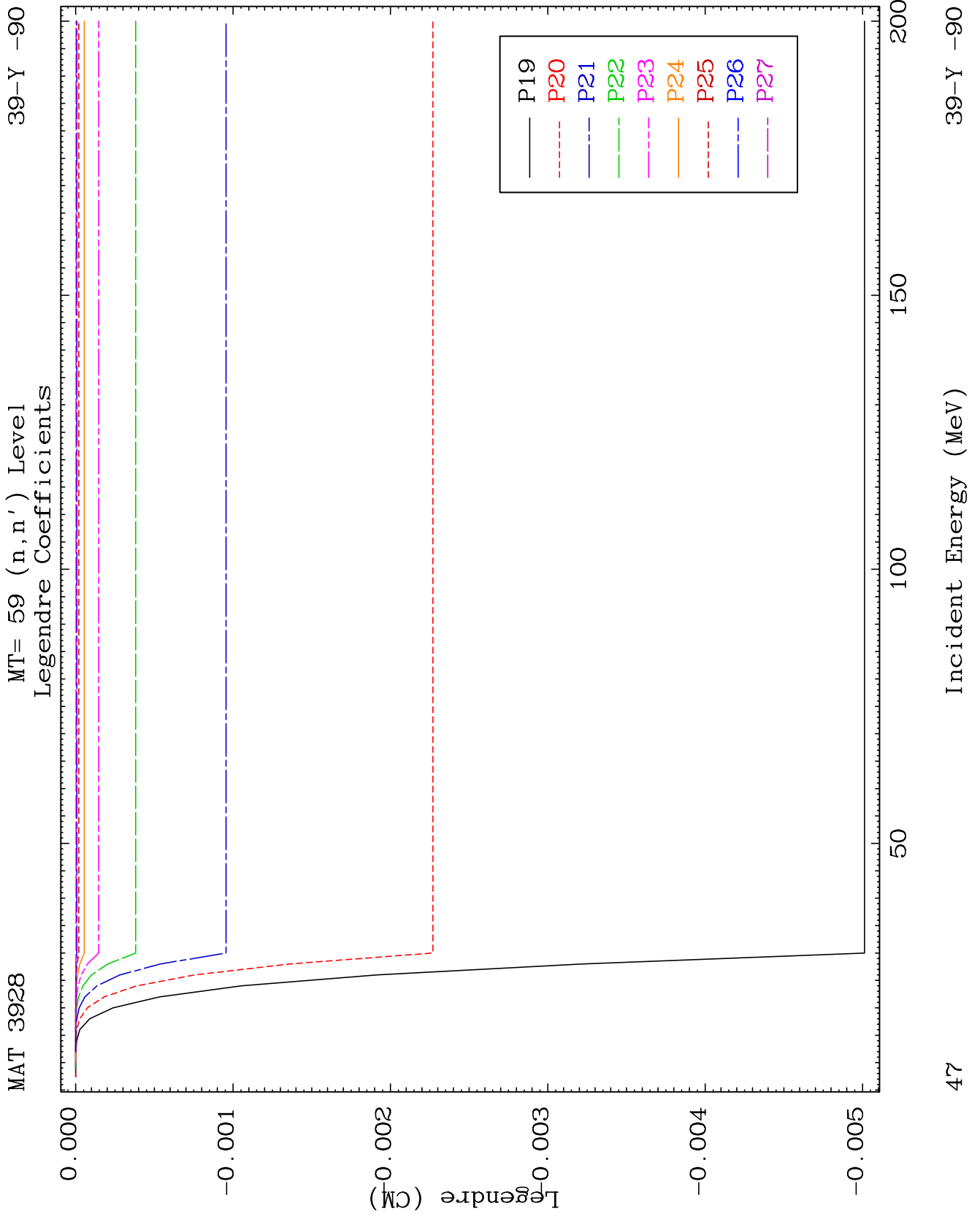
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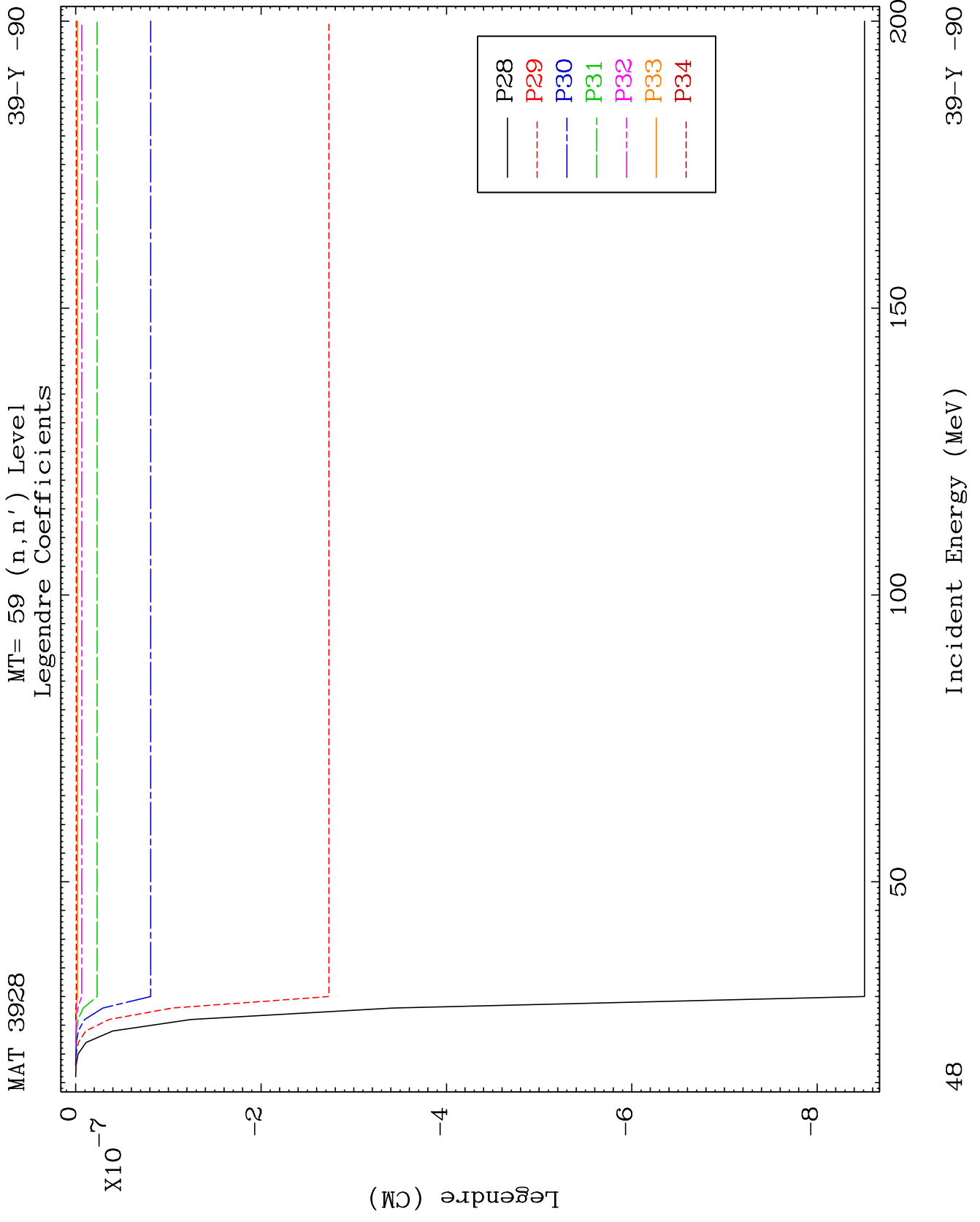


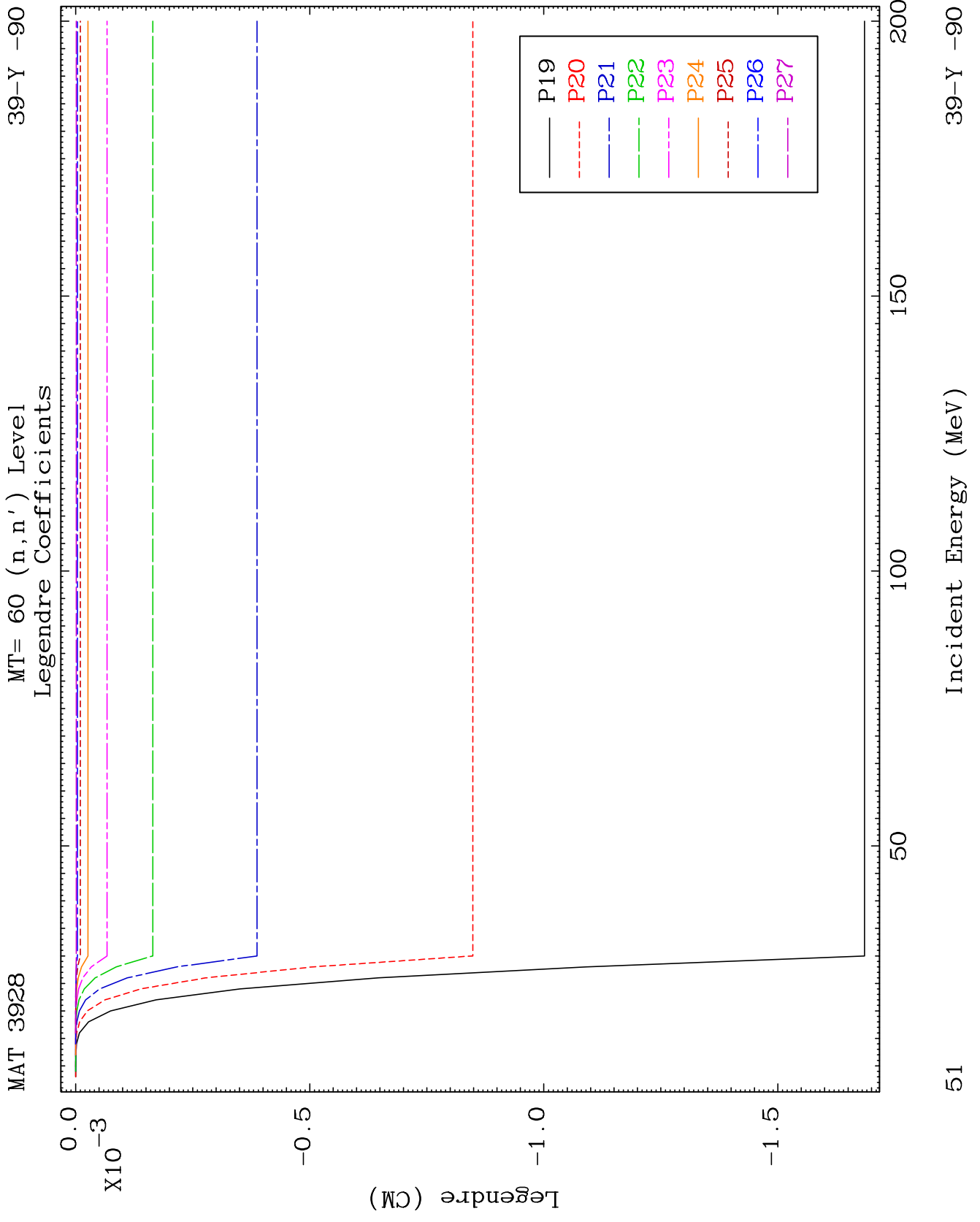
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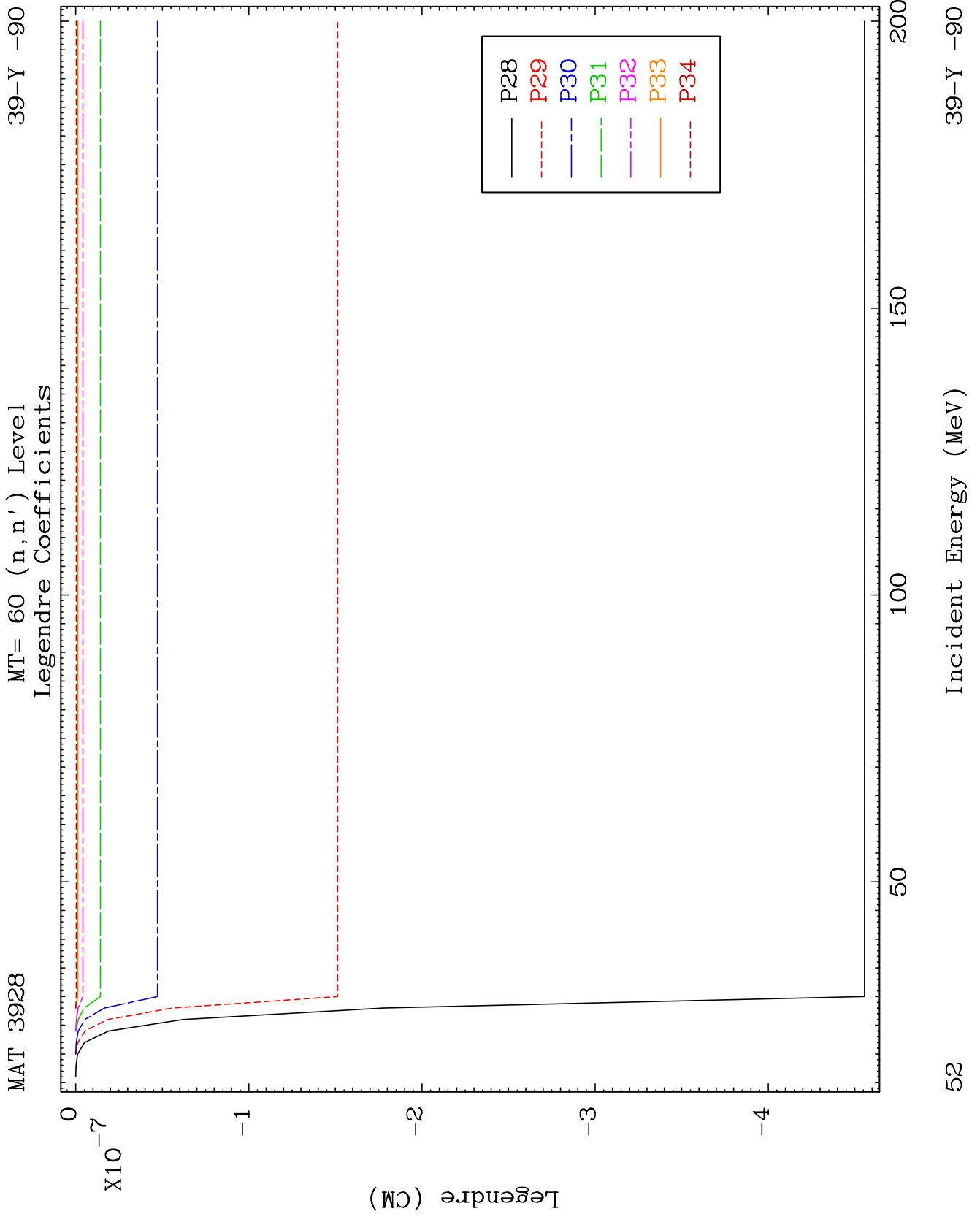
Incident Energy (MeV)

39-Y -90





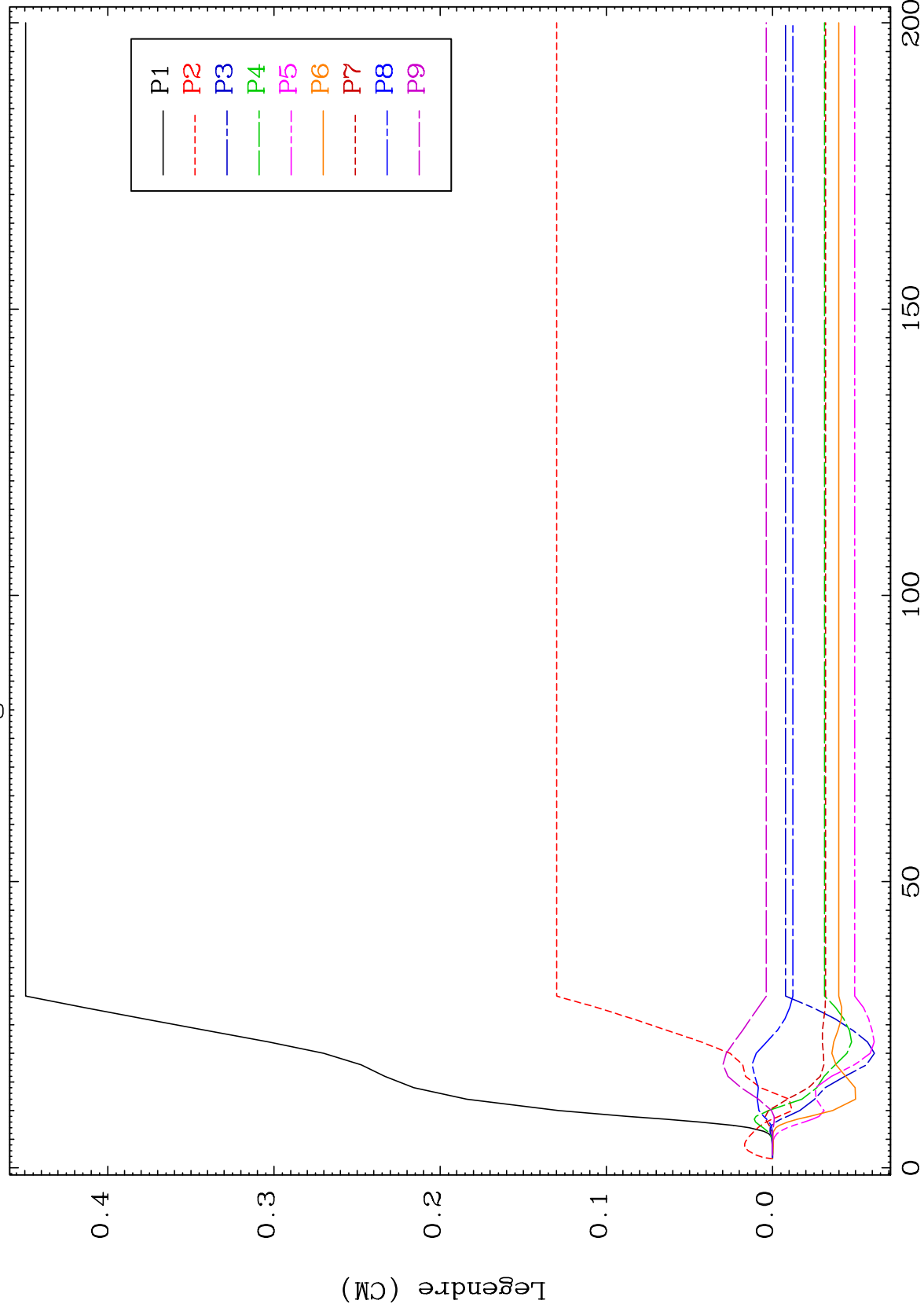




MAT 3928

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

39-Y -90



53

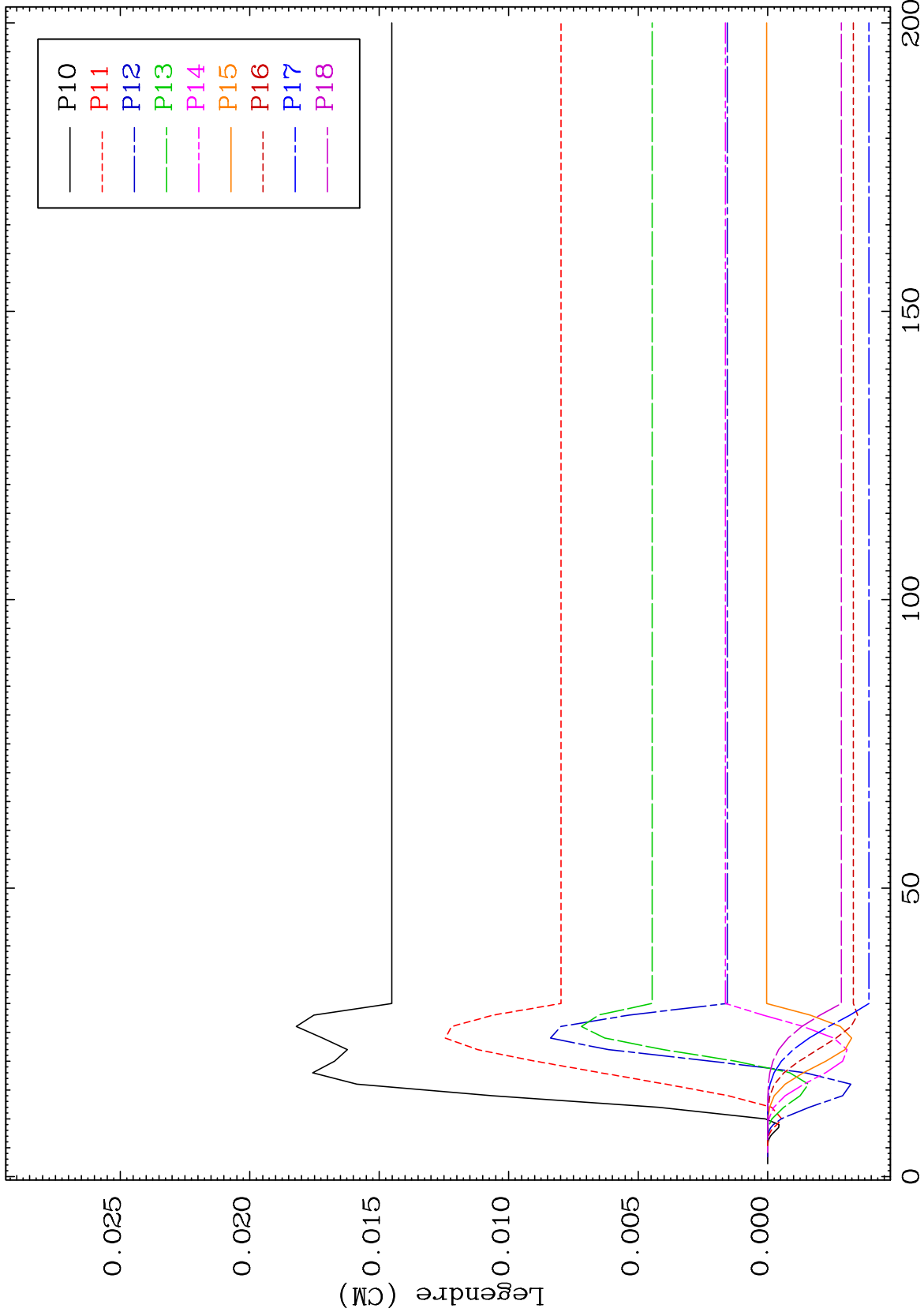
Incident Energy (MeV)

39-Y -90

MAT 3928

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

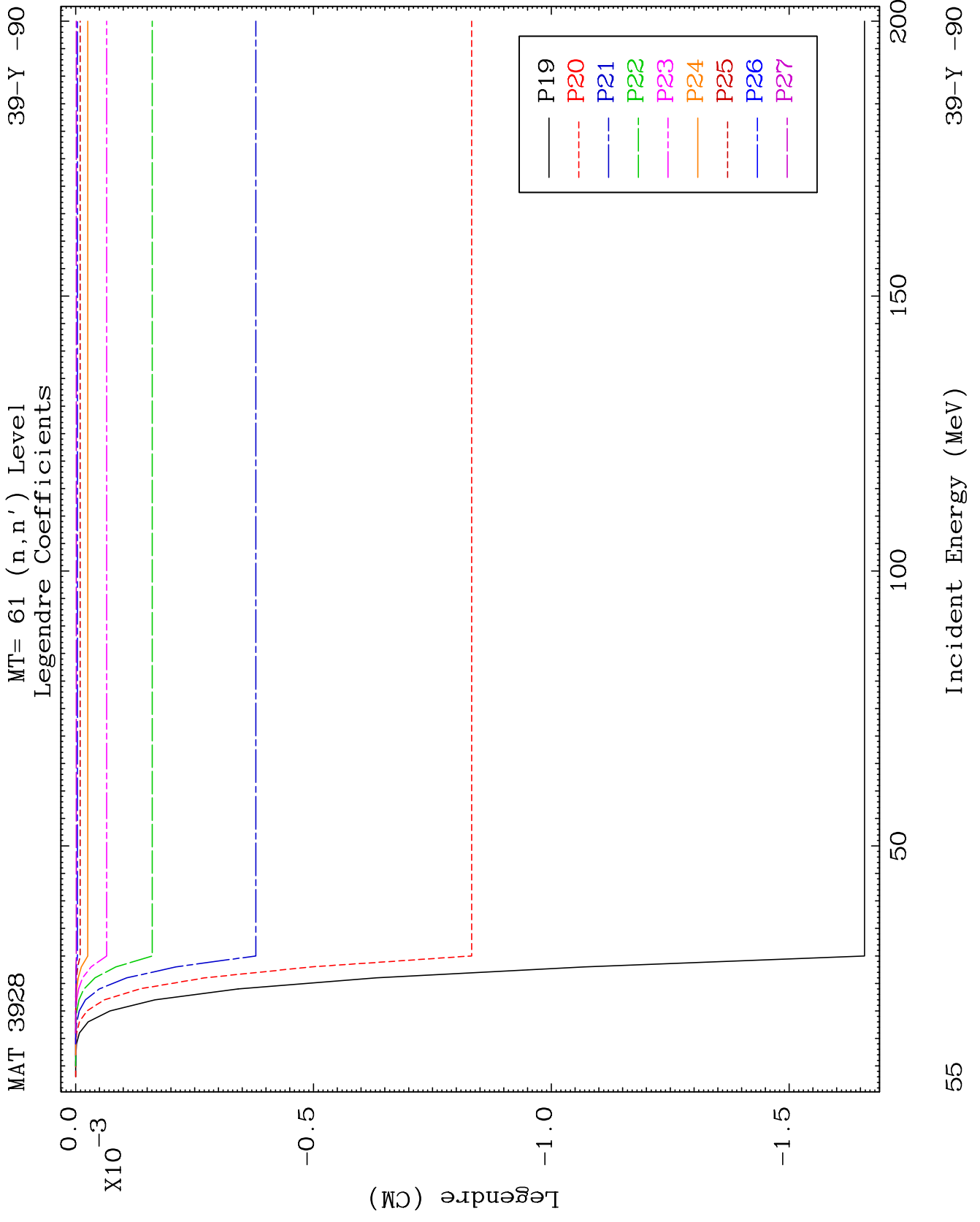
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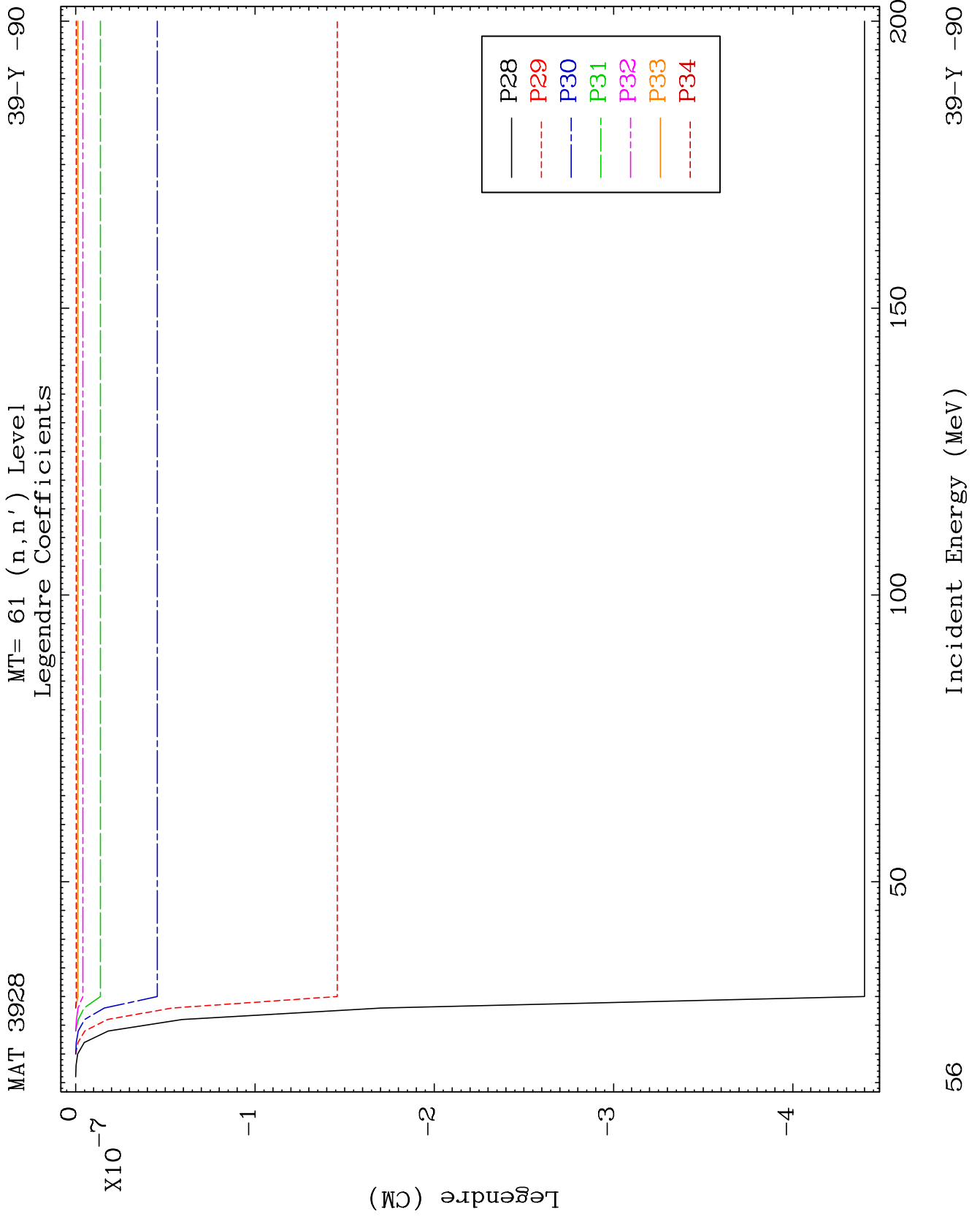


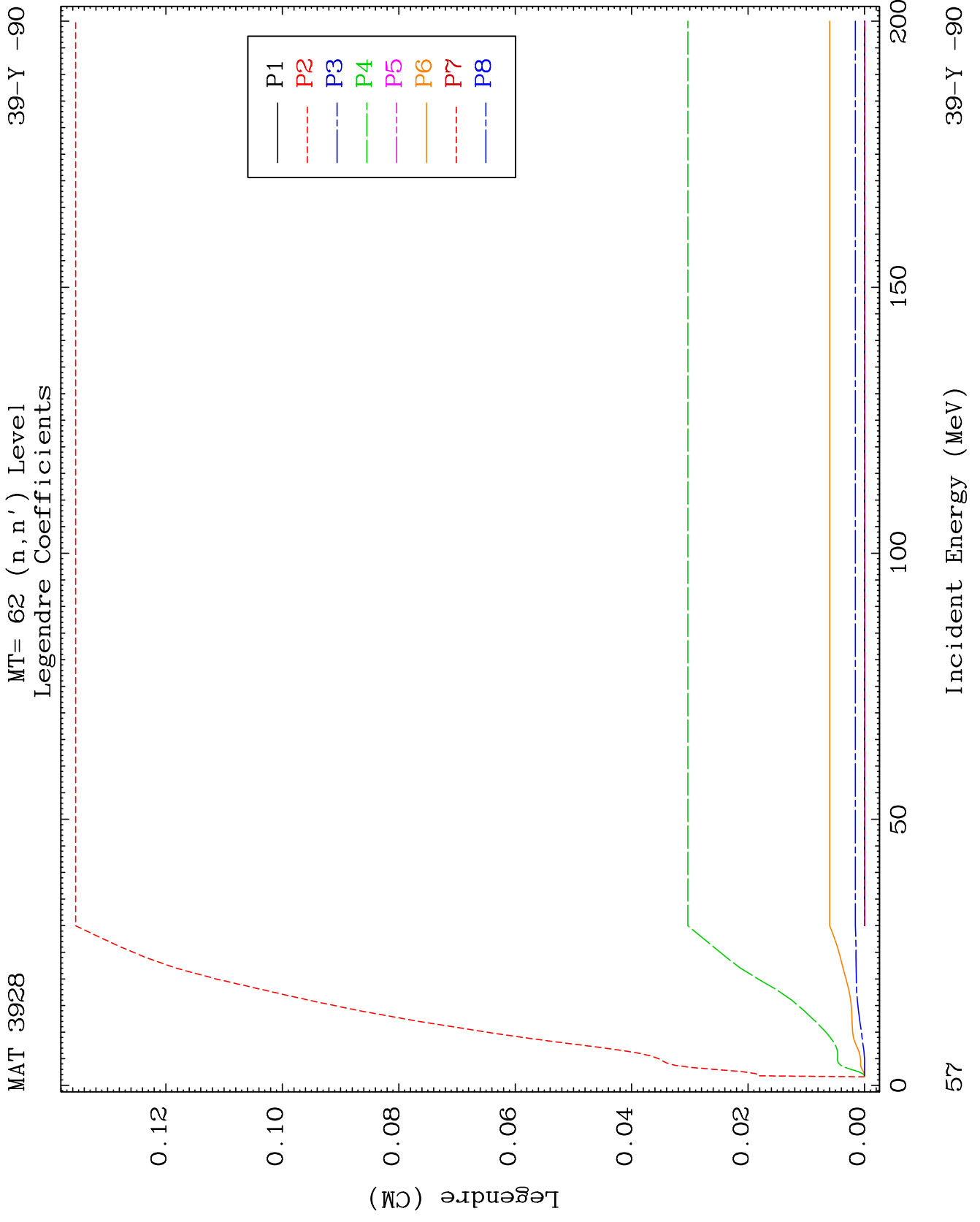
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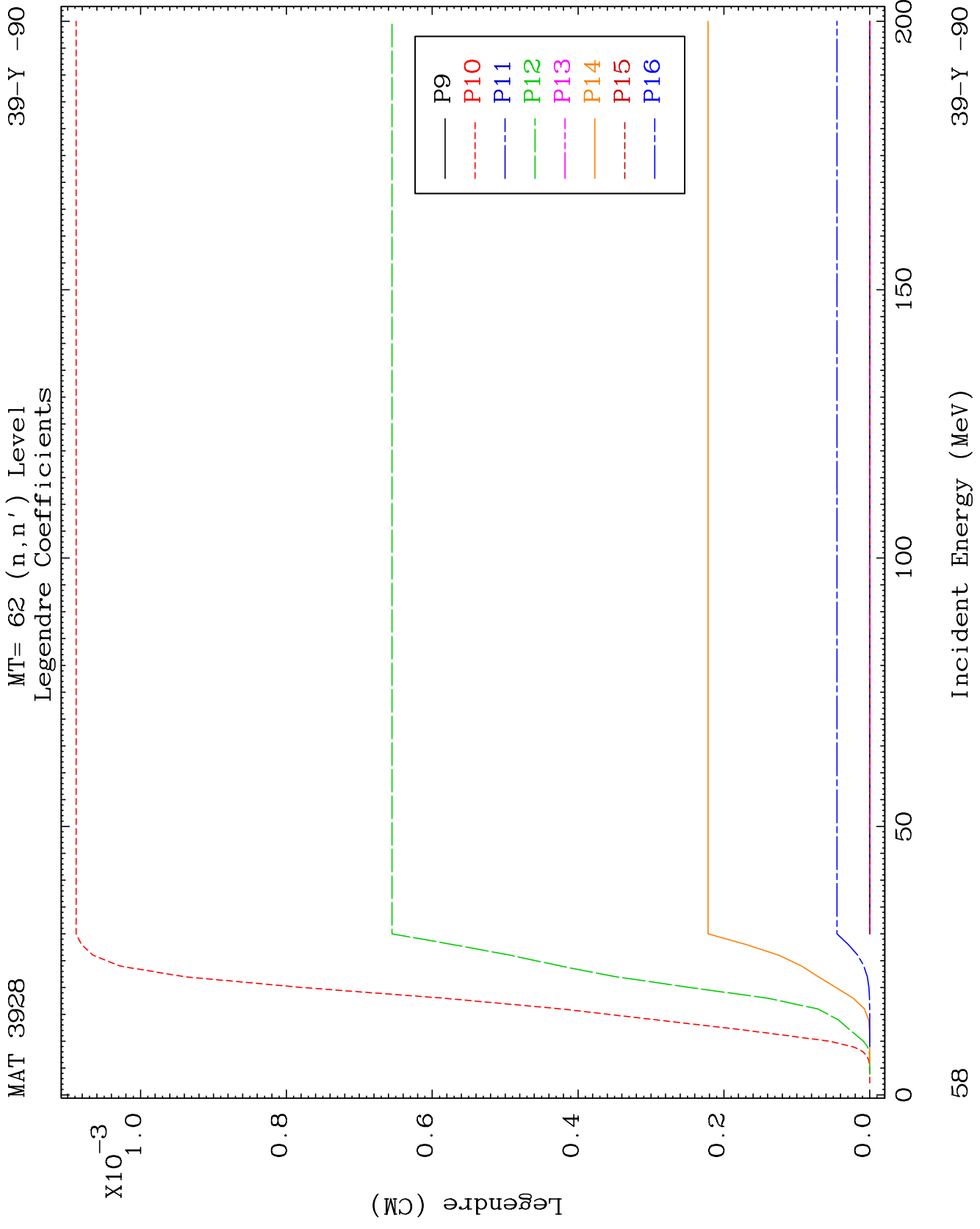
Incident Energy (MeV)

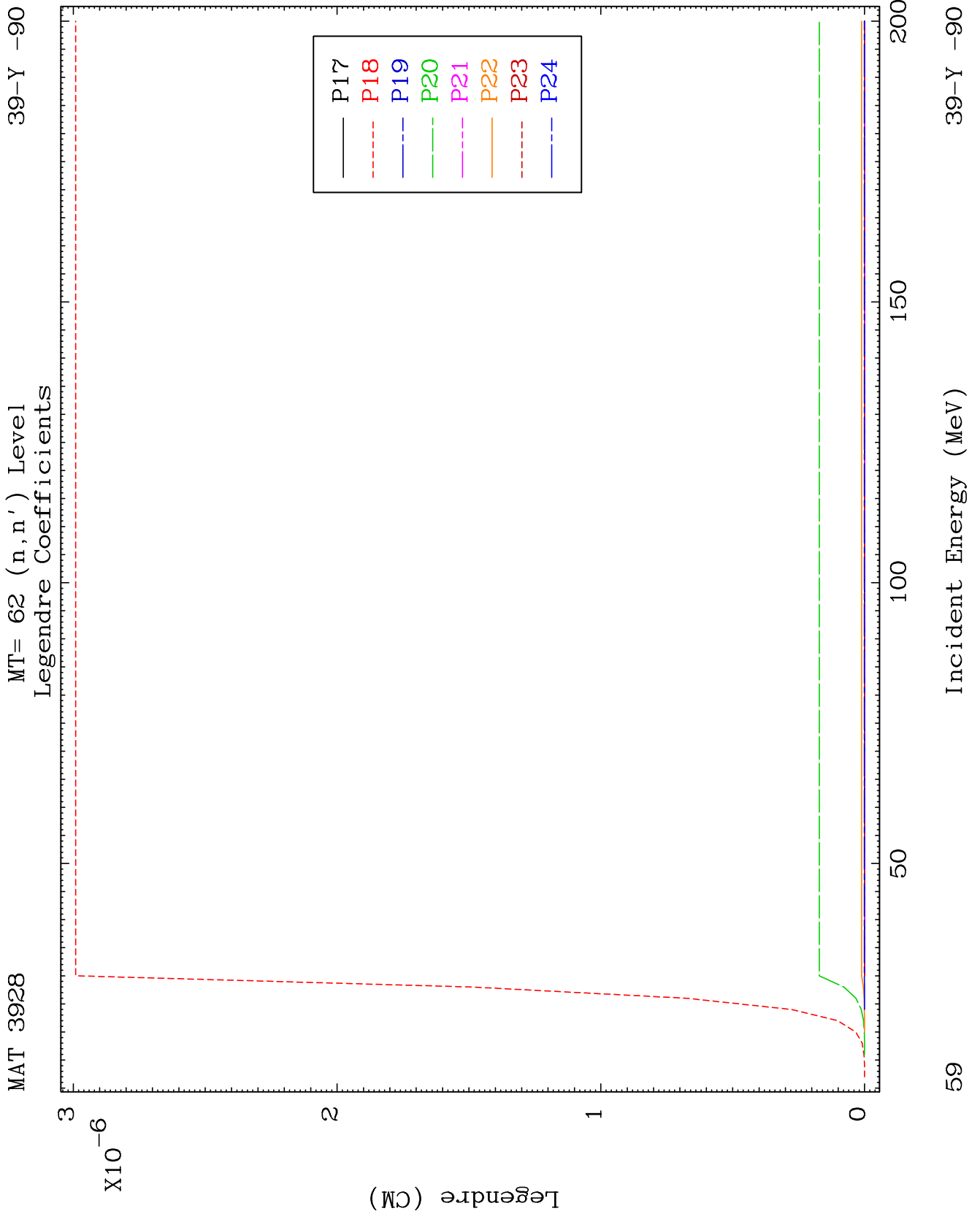
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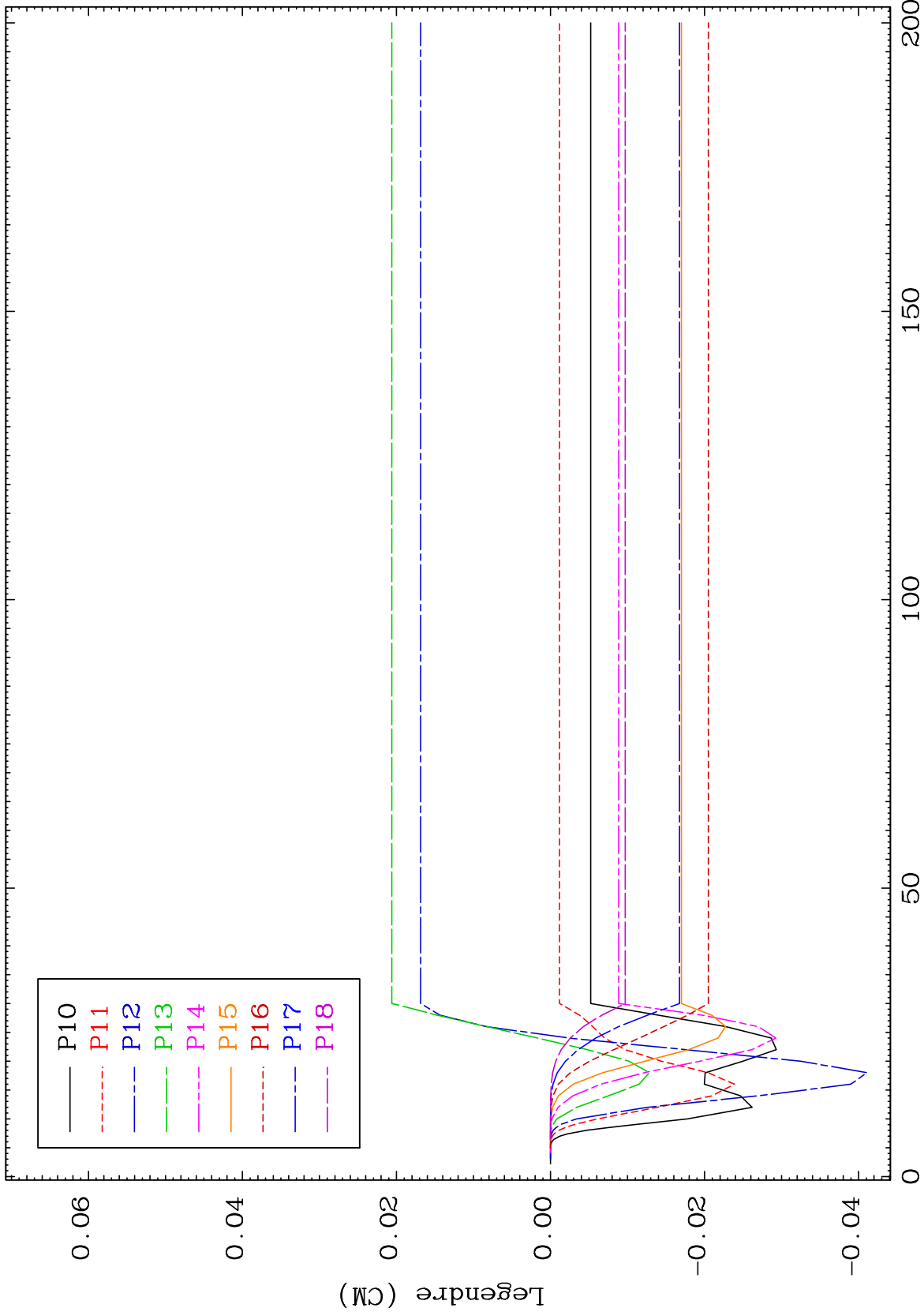




MAT 3928

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

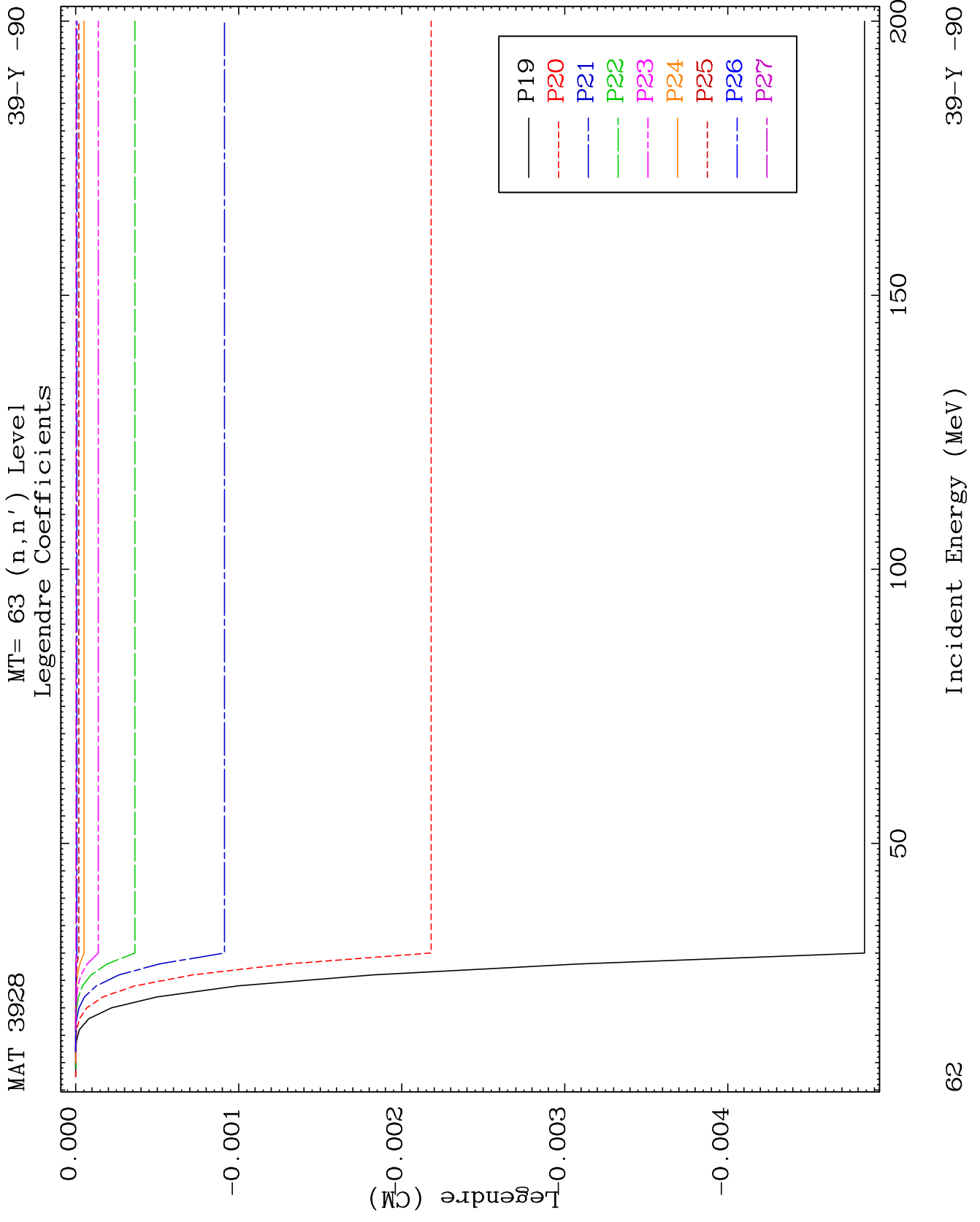
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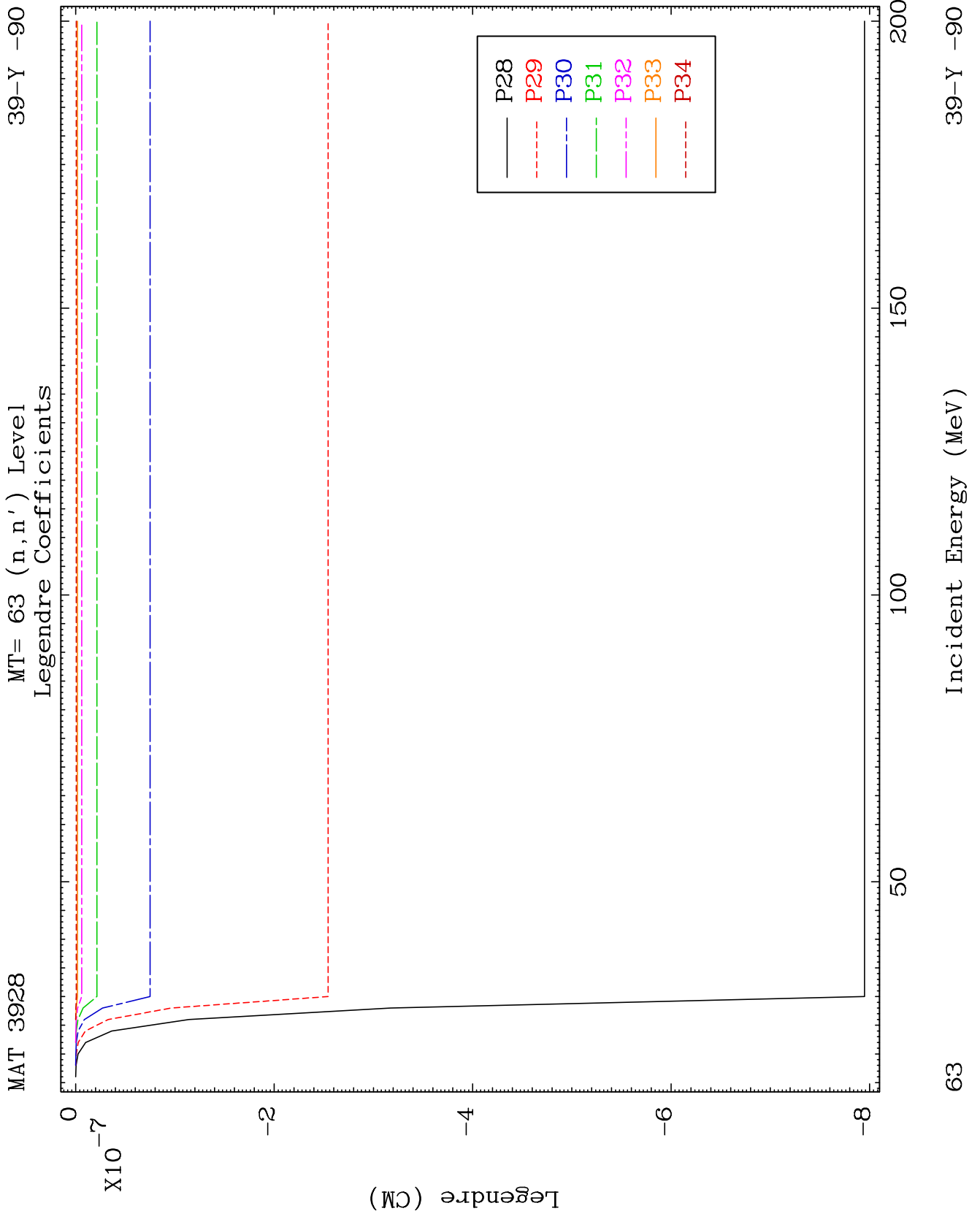


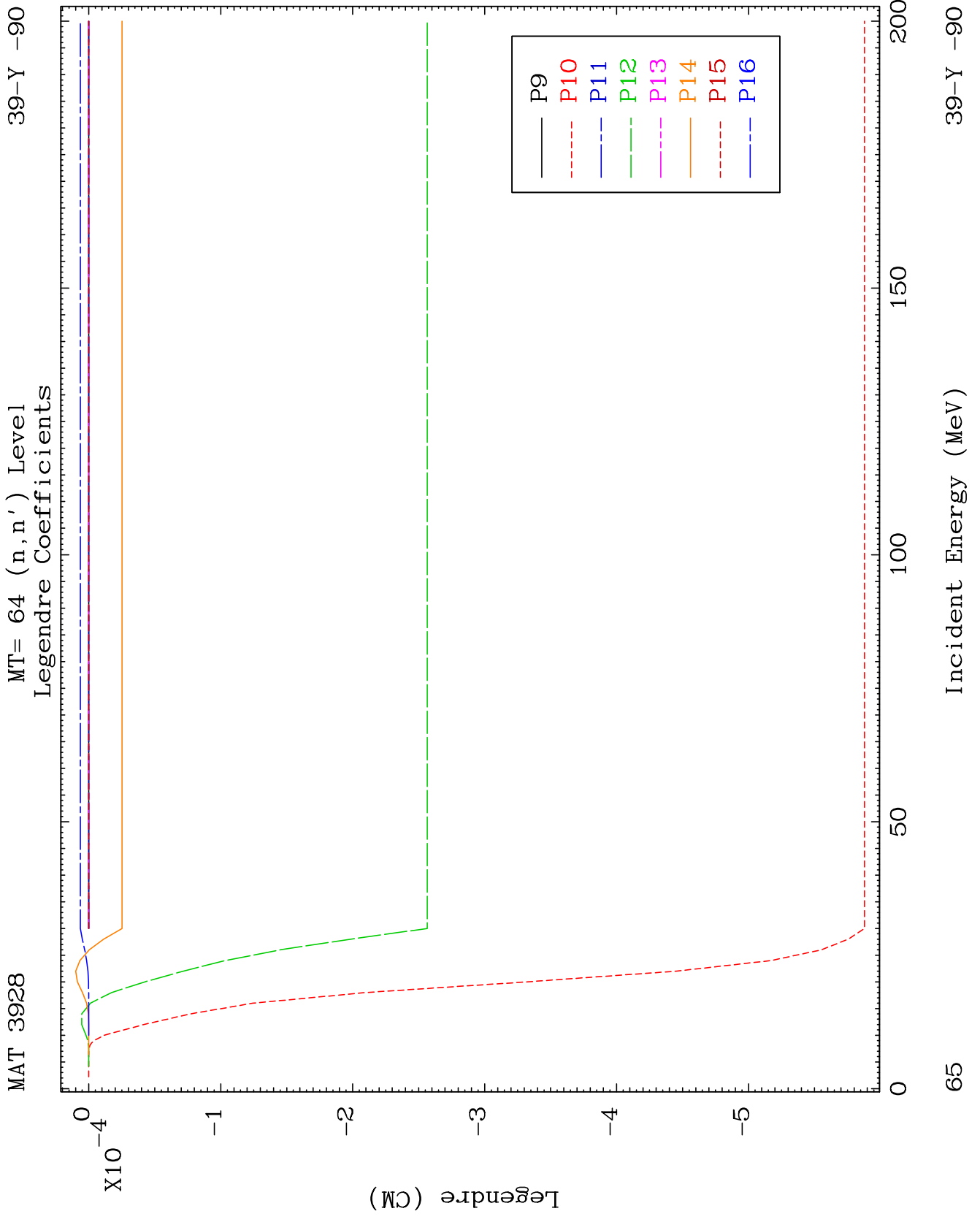
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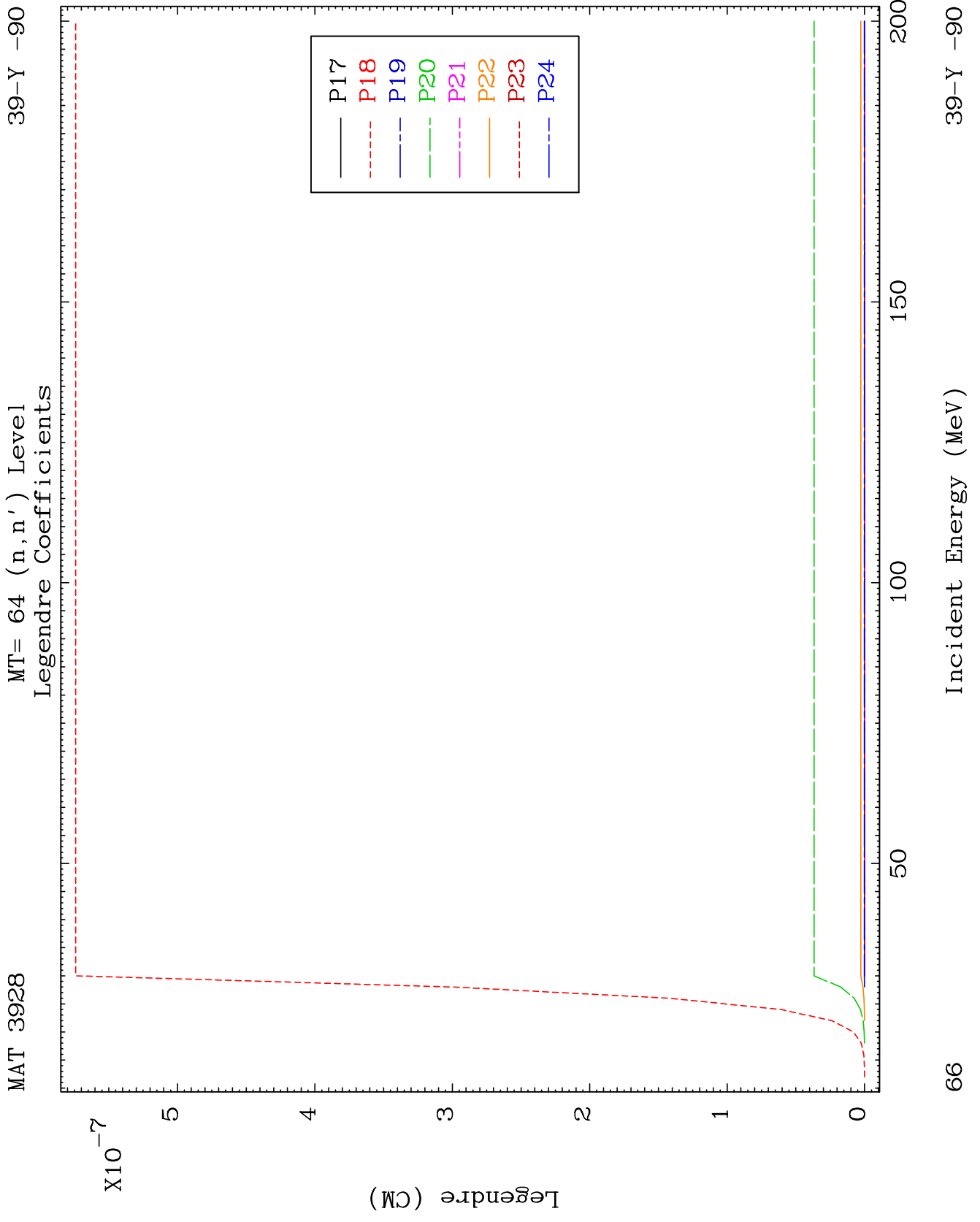
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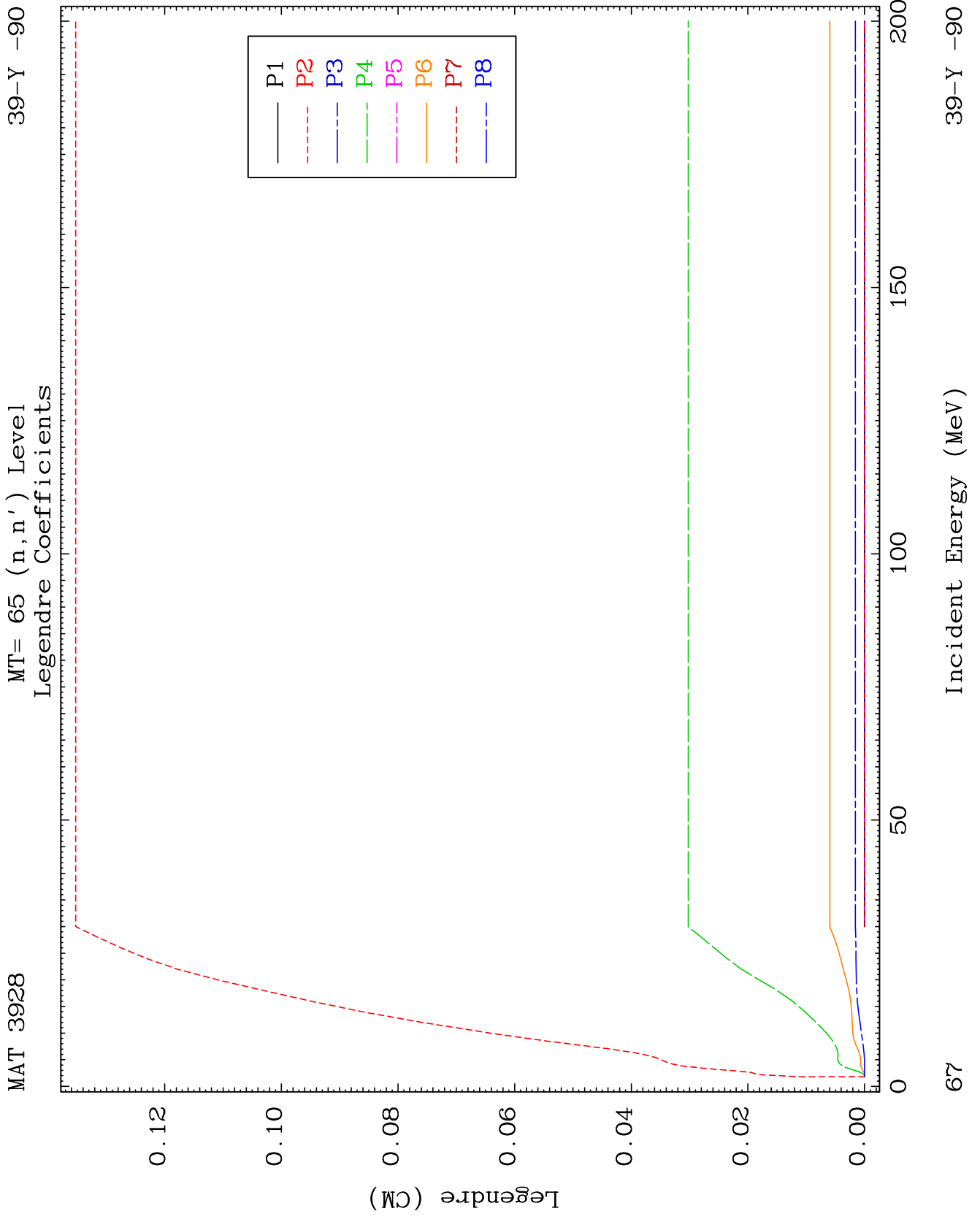
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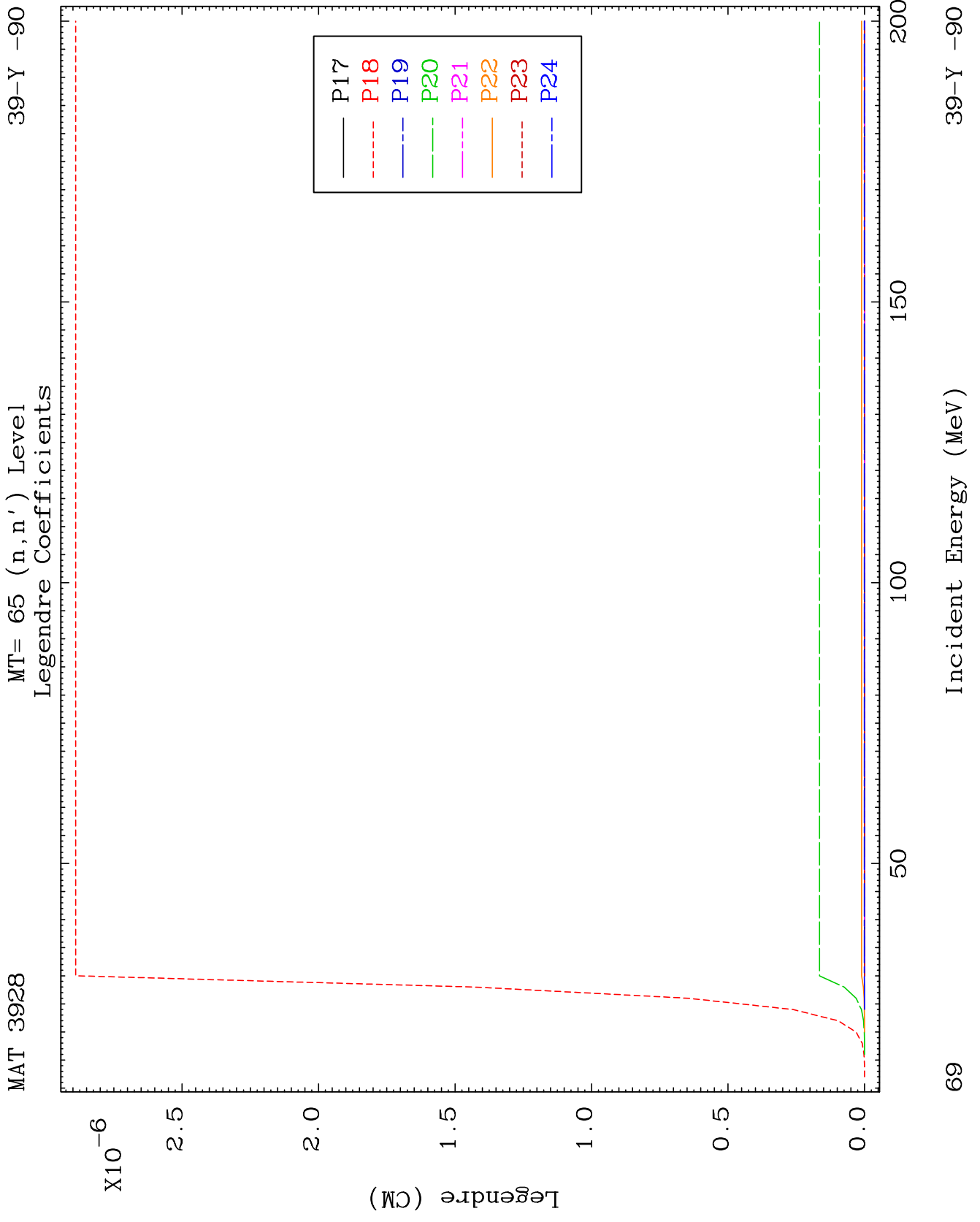








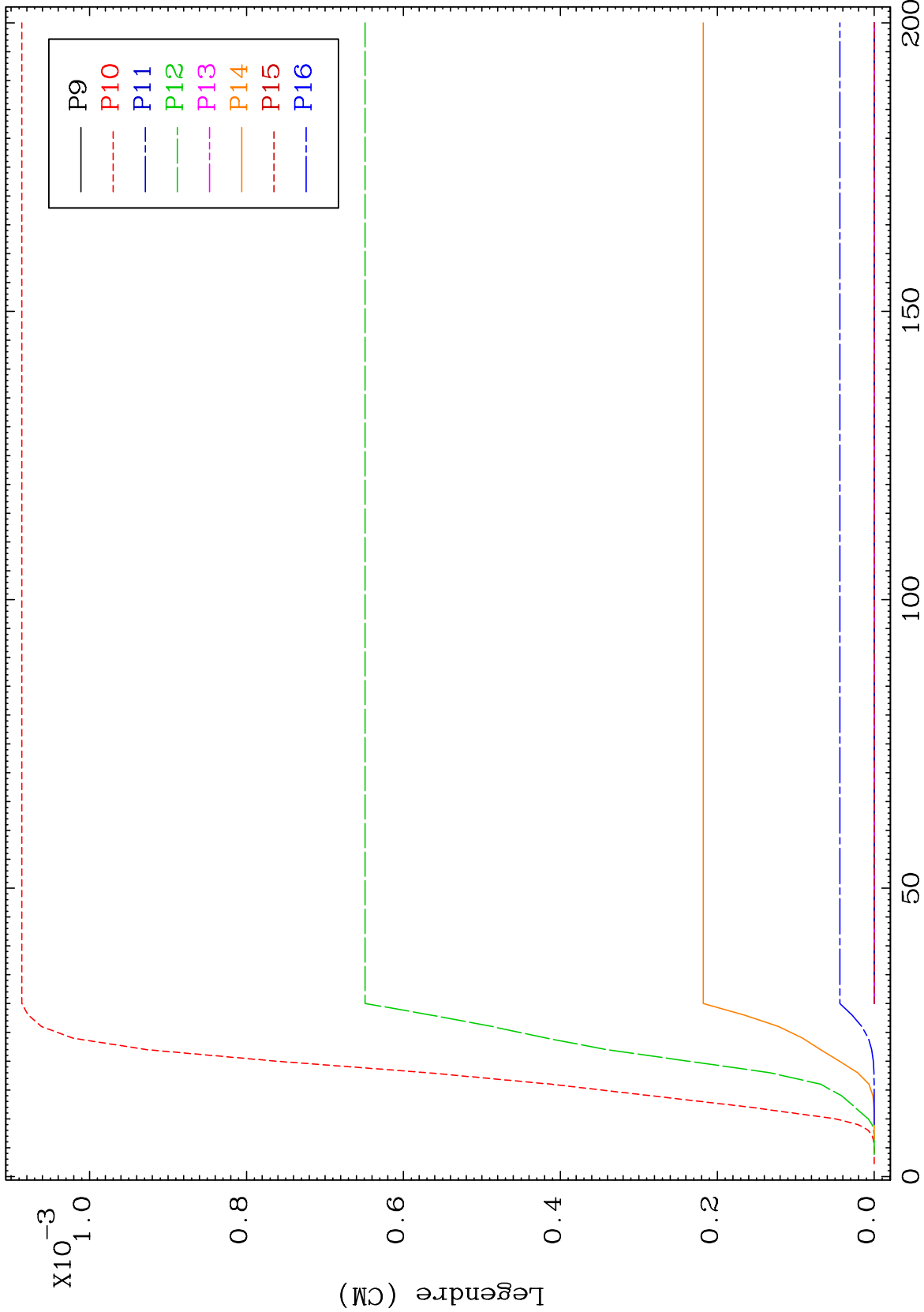




MAT 3928

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

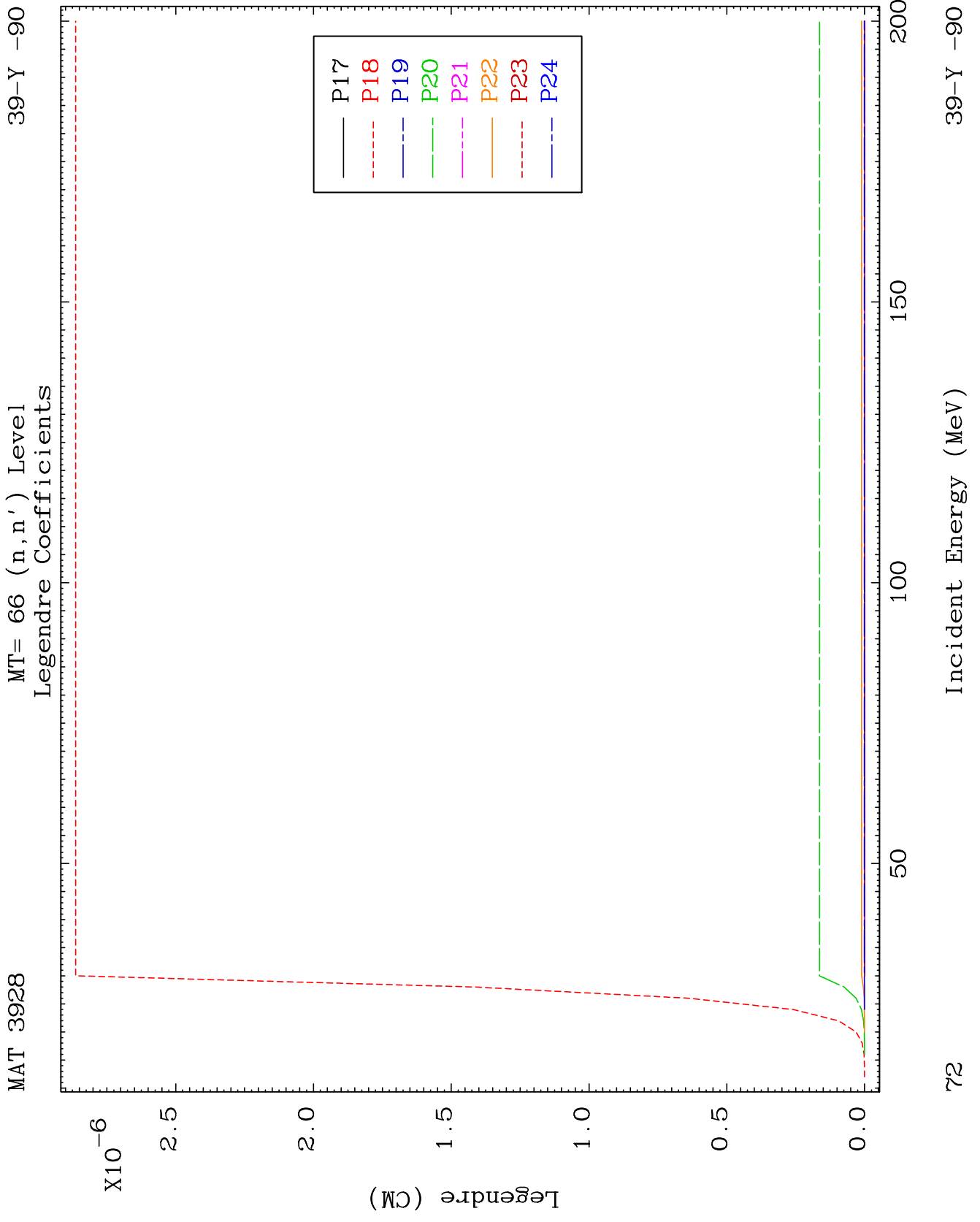
39-Y -90



71

Incident Energy (MeV)

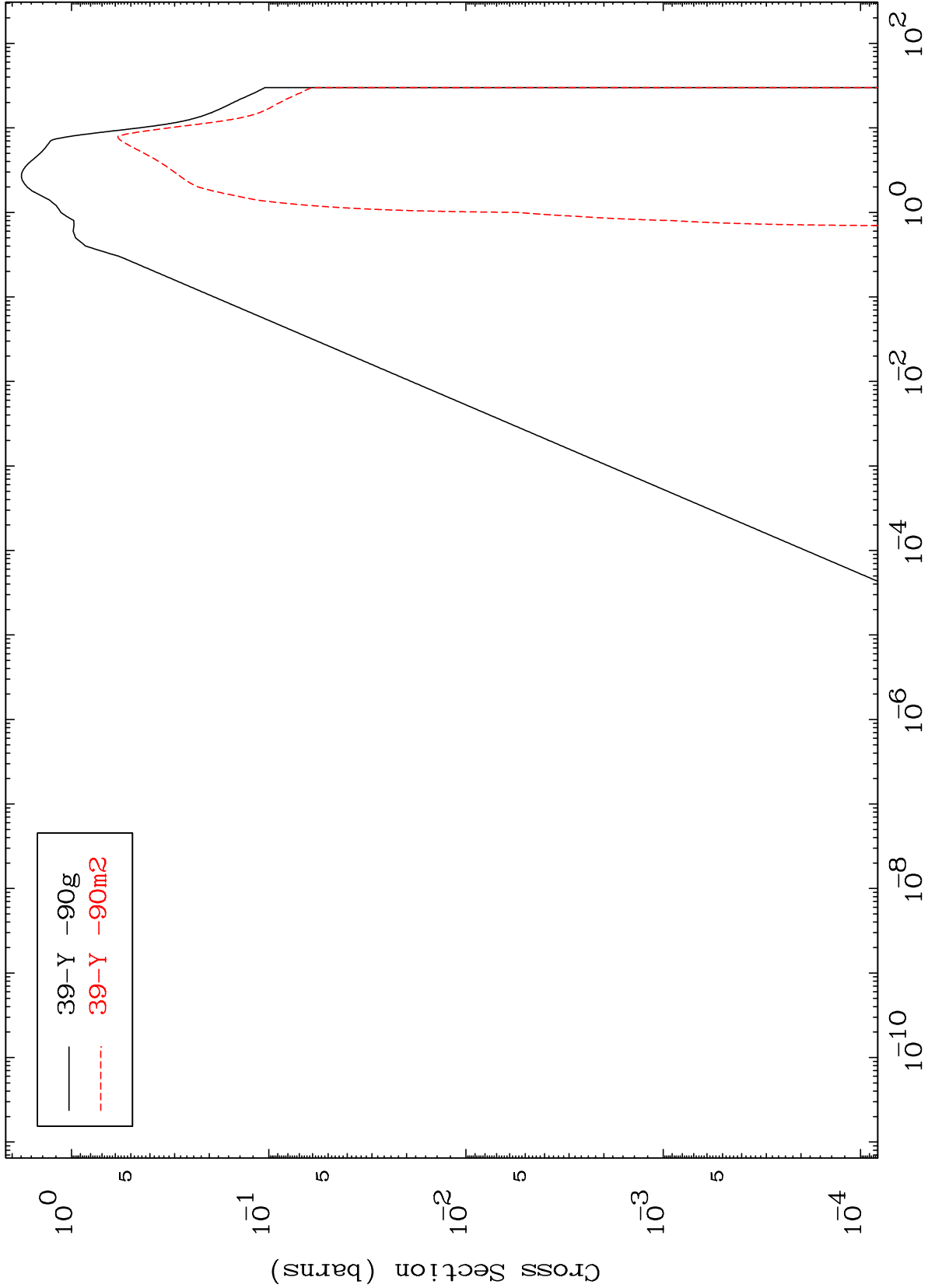
39-Y -90



MAT 3928

Inelastic
Radionuclide Production Cross Section

39-Y -90



73

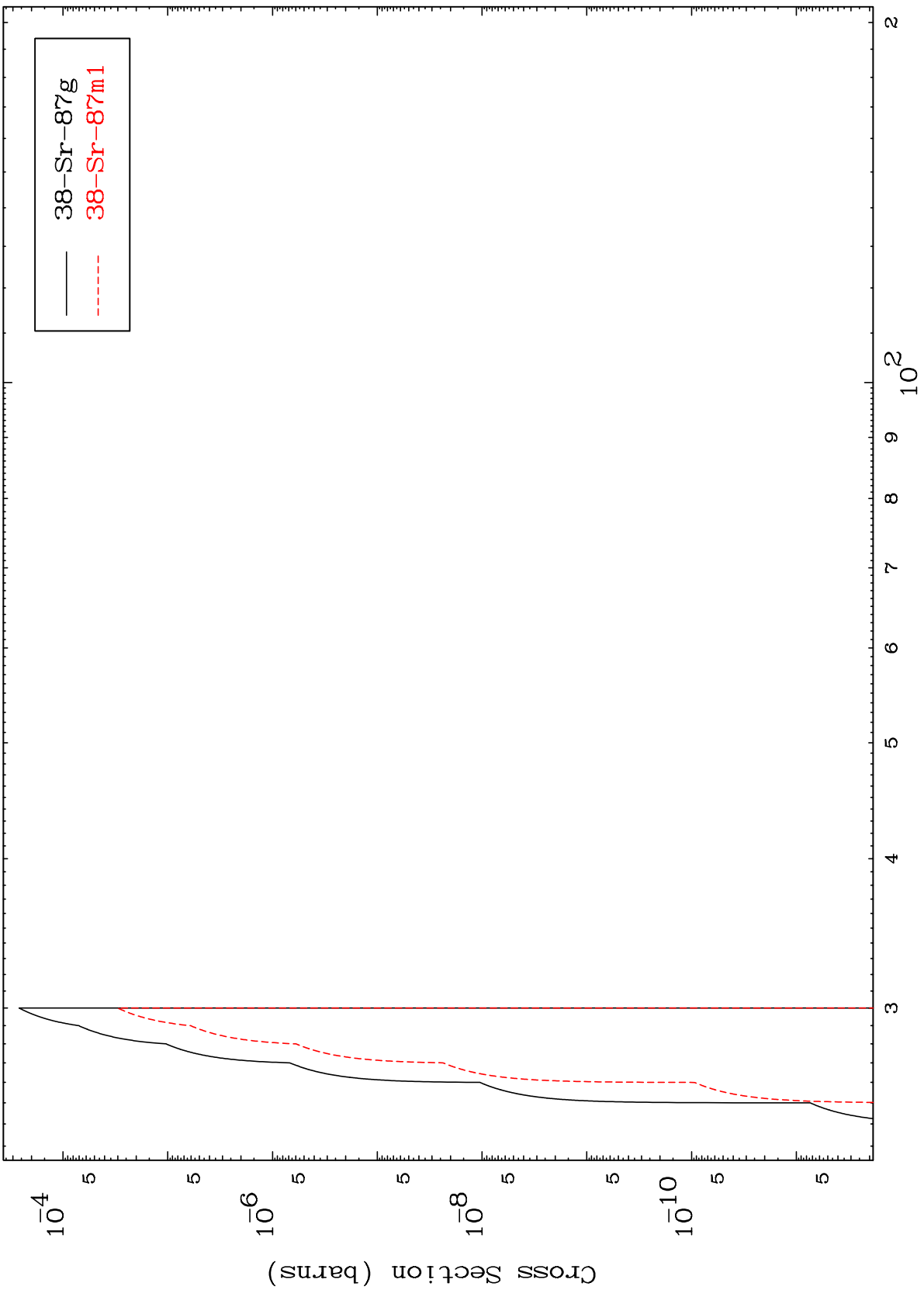
39-Y -90

MAT 3928

(n,2n) d

39-Y -90

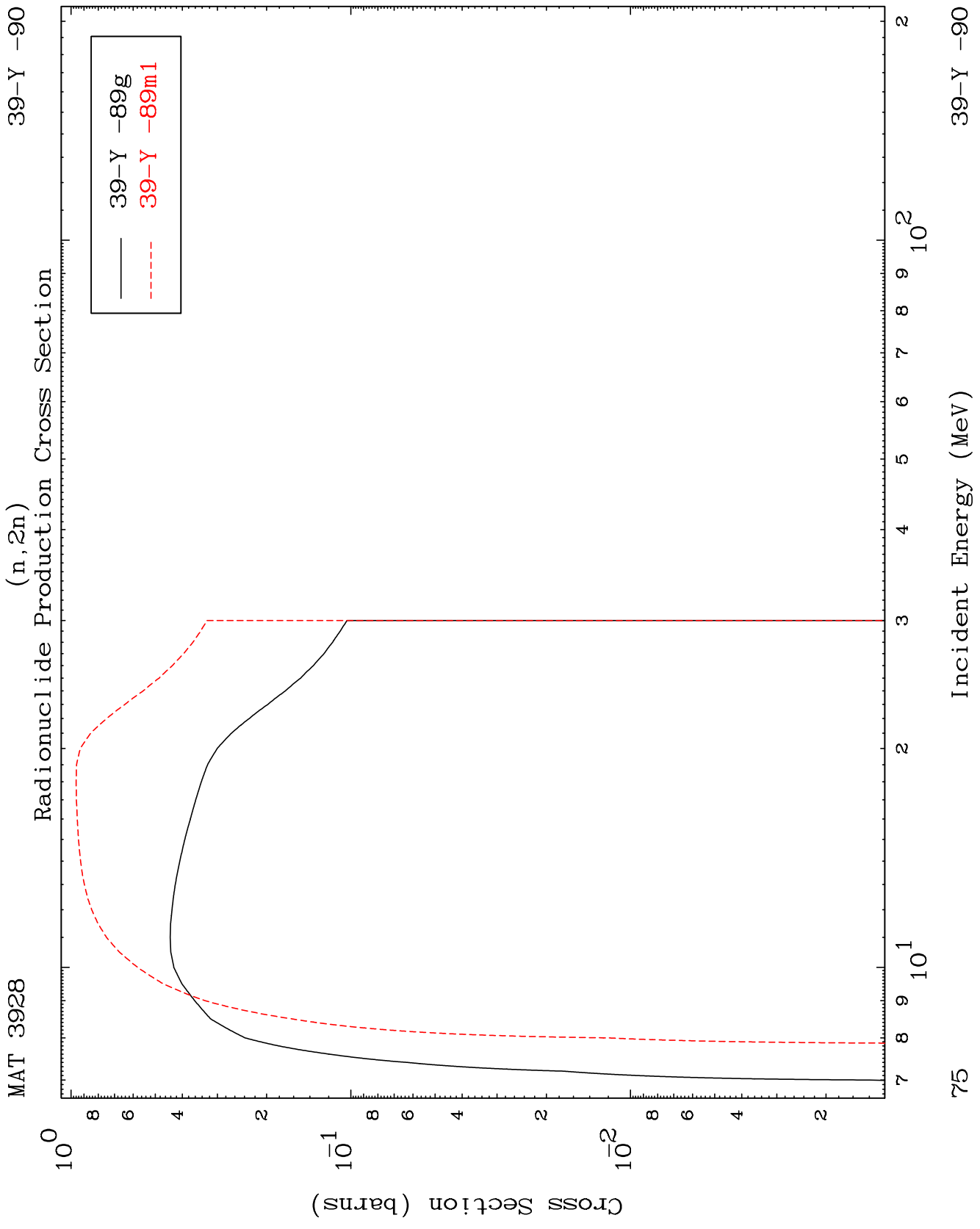
Radionuclide Production Cross Section



74

Incident Energy (MeV)

39-Y -90

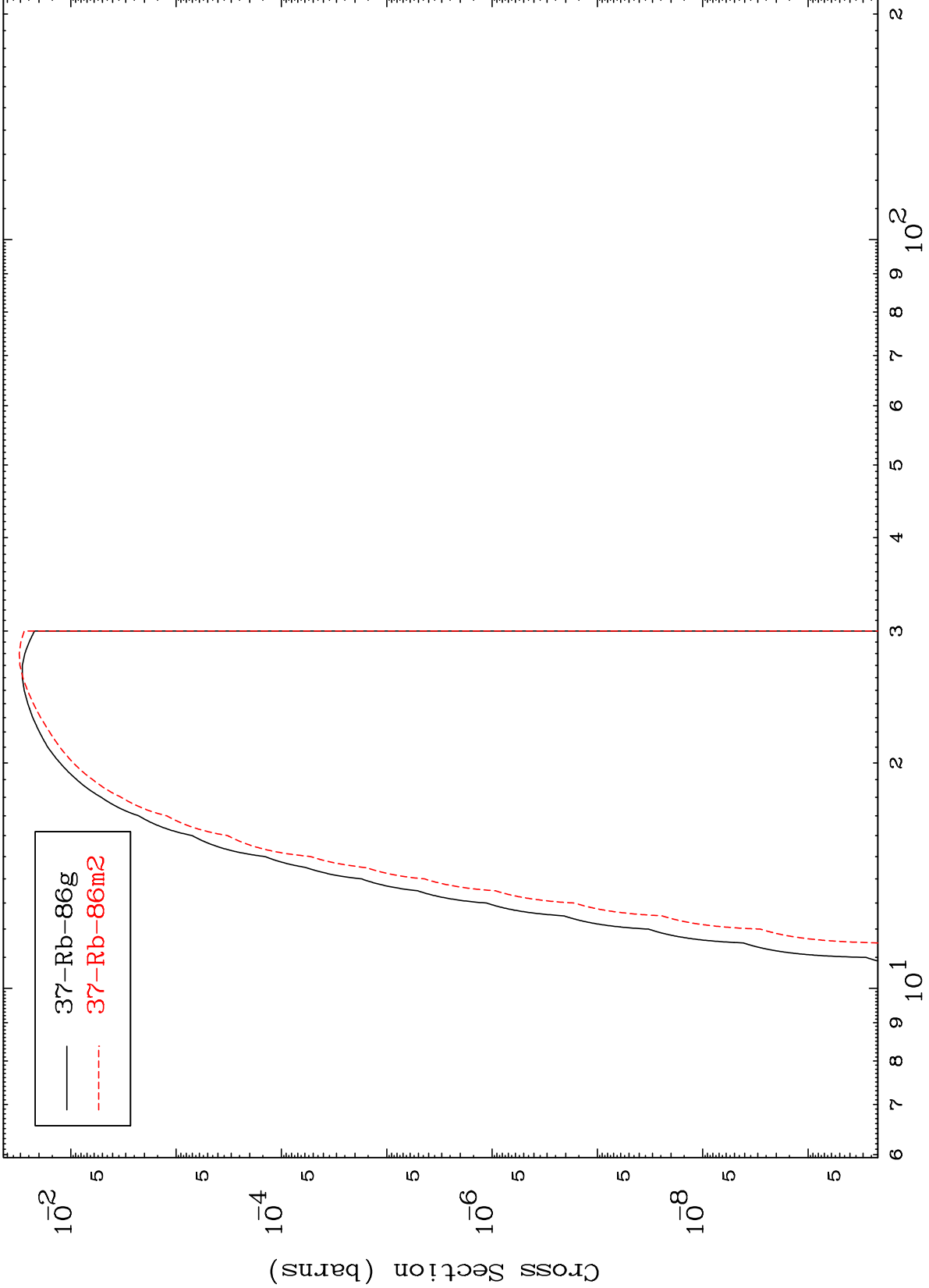


MAT 3928

(n,n') α

39-Y -90

Radionuclide Production Cross Section



— 37-Rb-86g
- - - 37-Rb-86m2

76

Incident Energy (MeV)

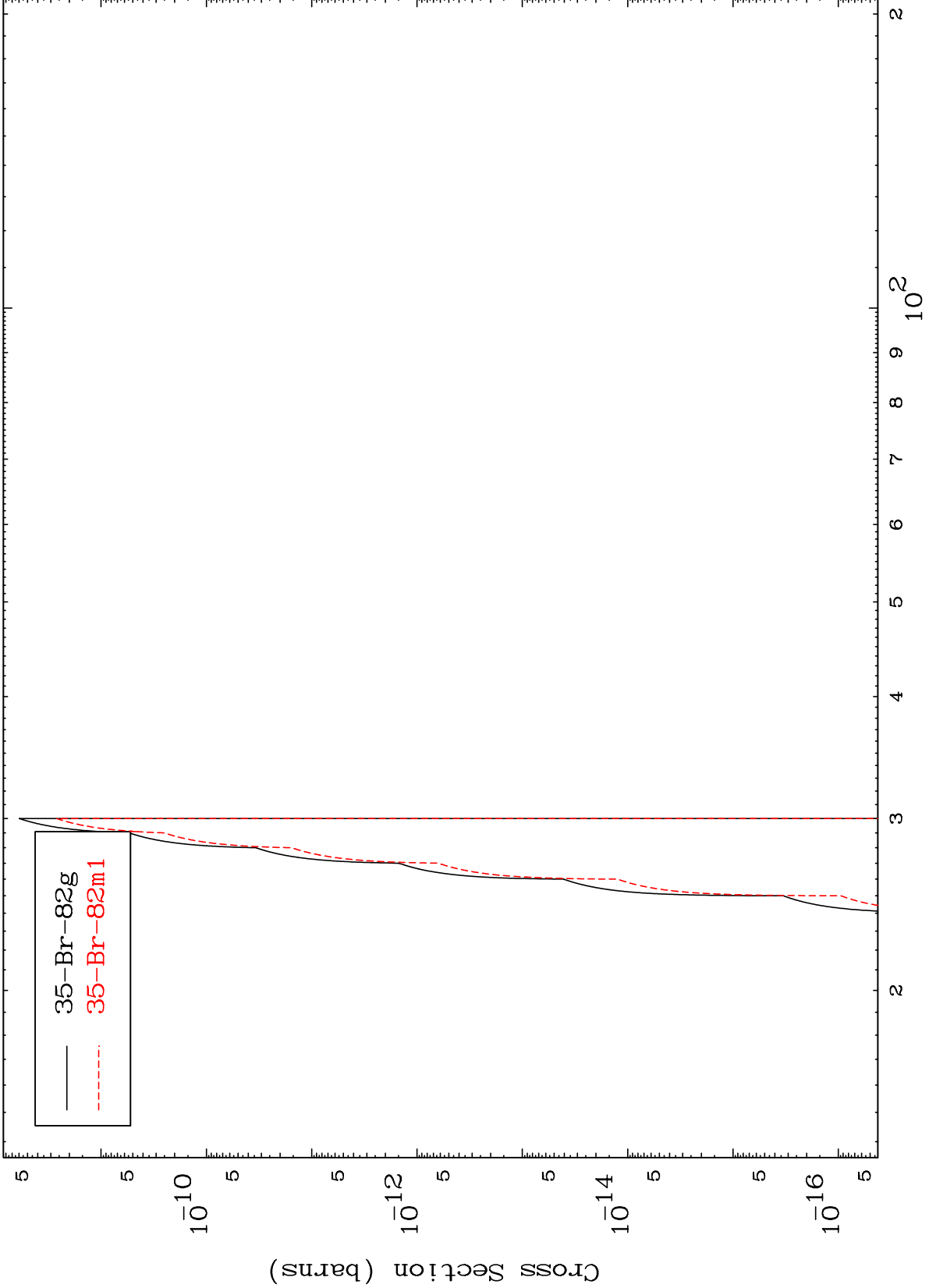
39-Y -90

MAT 3928

(n,n') 2α

39-Y -90

Radionuclide Production Cross Section



77

Incident Energy (MeV)

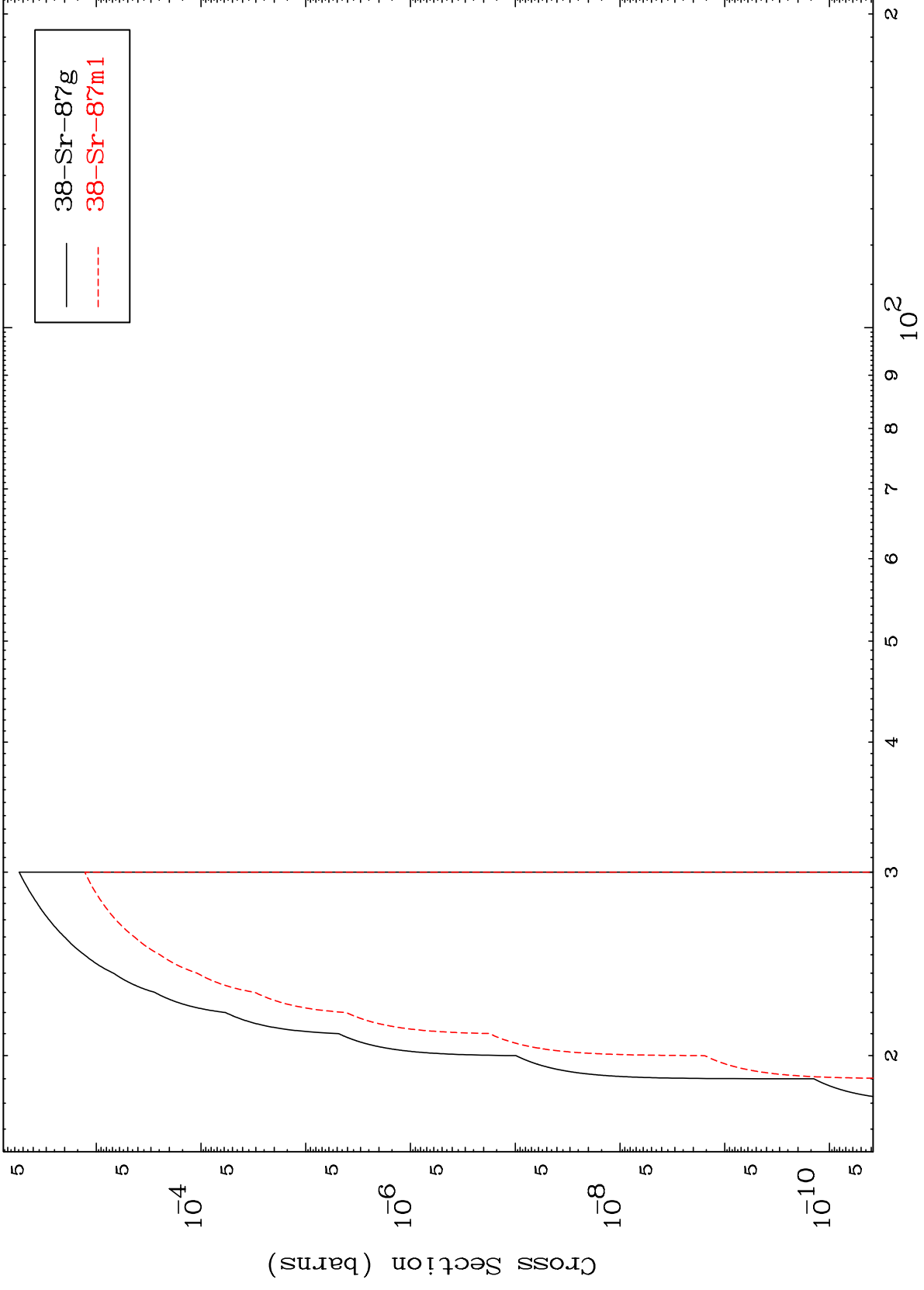
39-Y -90

MAT 3928

(n,n') t

39-Y -90

Radionuclide Production Cross Section



78

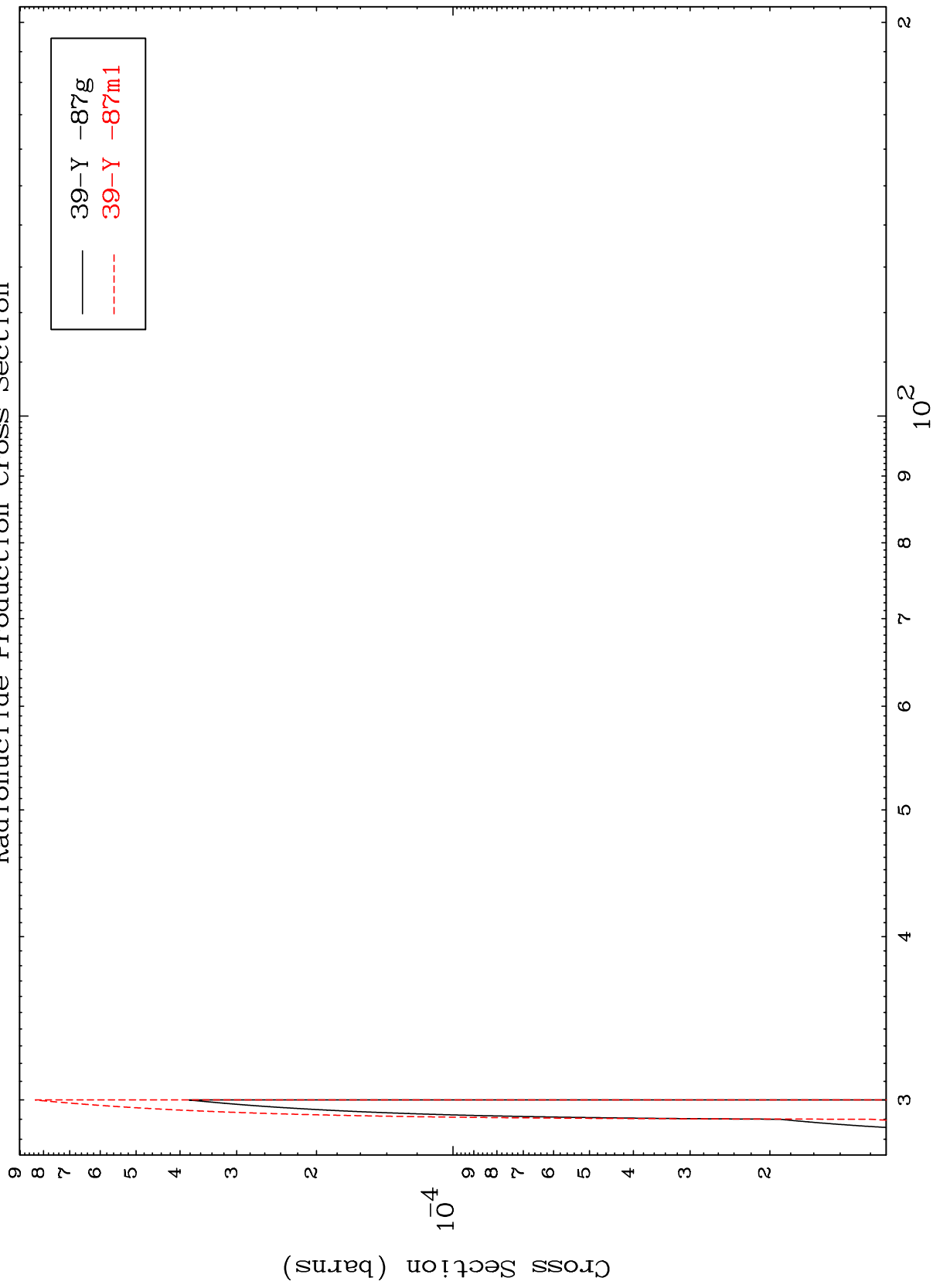
Incident Energy (MeV)

39-Y -90

MAT 3928

39-Y -90

(n,4n)
Radionuclide Production Cross Section



79

39-Y -90

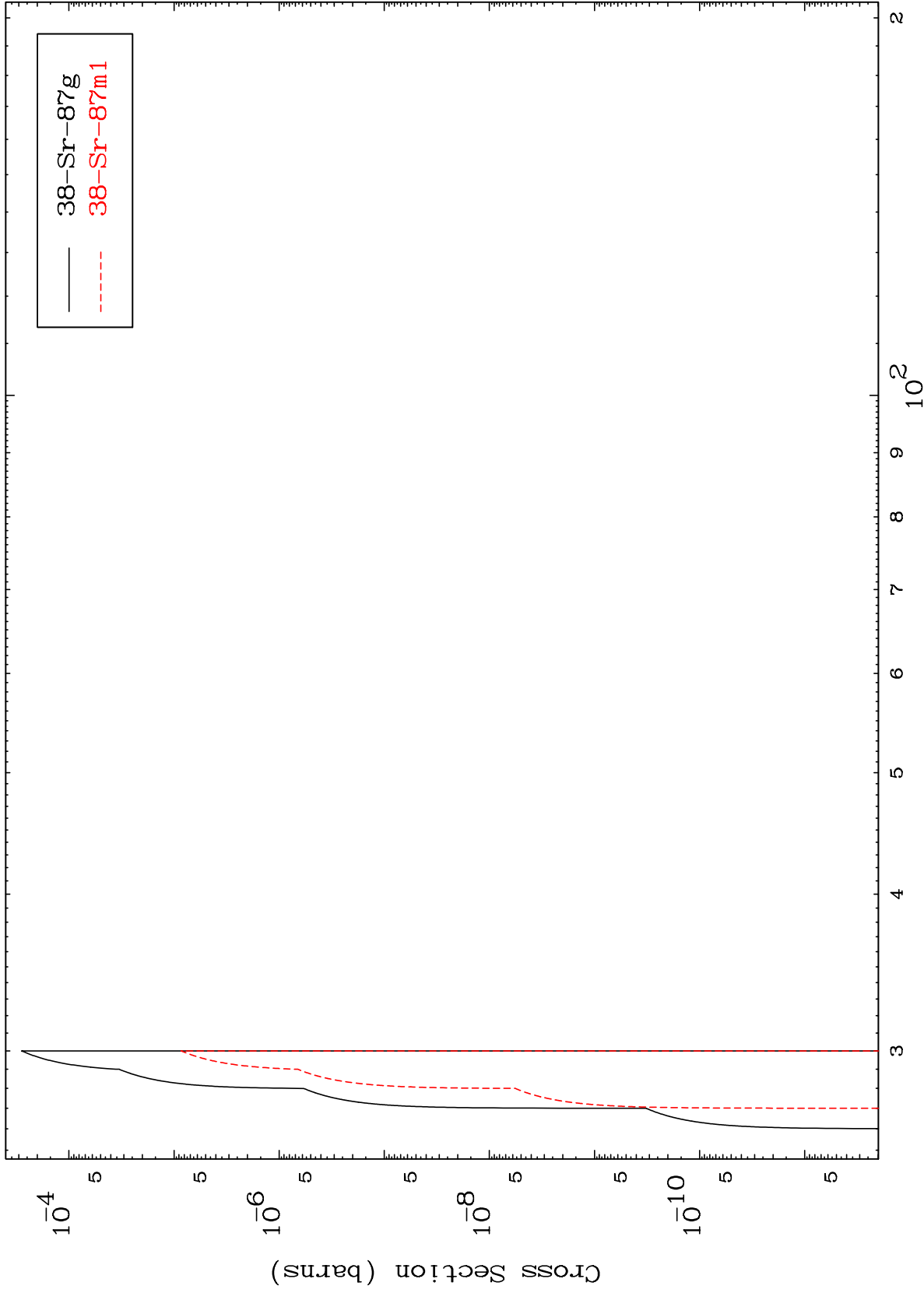
Incident Energy (MeV)

MAT 3928

(n,3n) p

39-Y -90

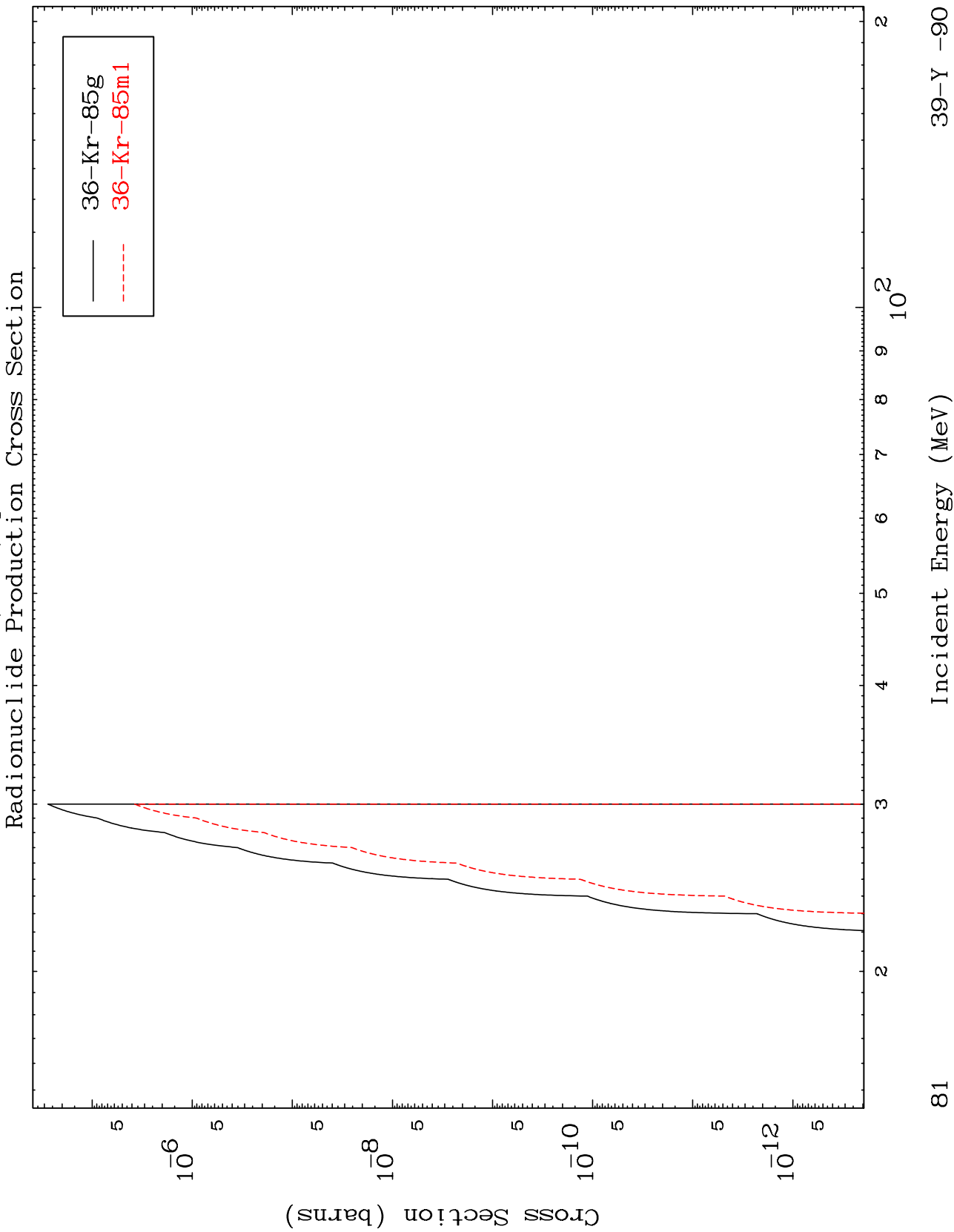
Radionuclide Production Cross Section



80

Incident Energy (MeV)

39-Y -90



Radionuclide Production Cross Section

