

Program EVALPLOT  
(Version 2021-1)

by

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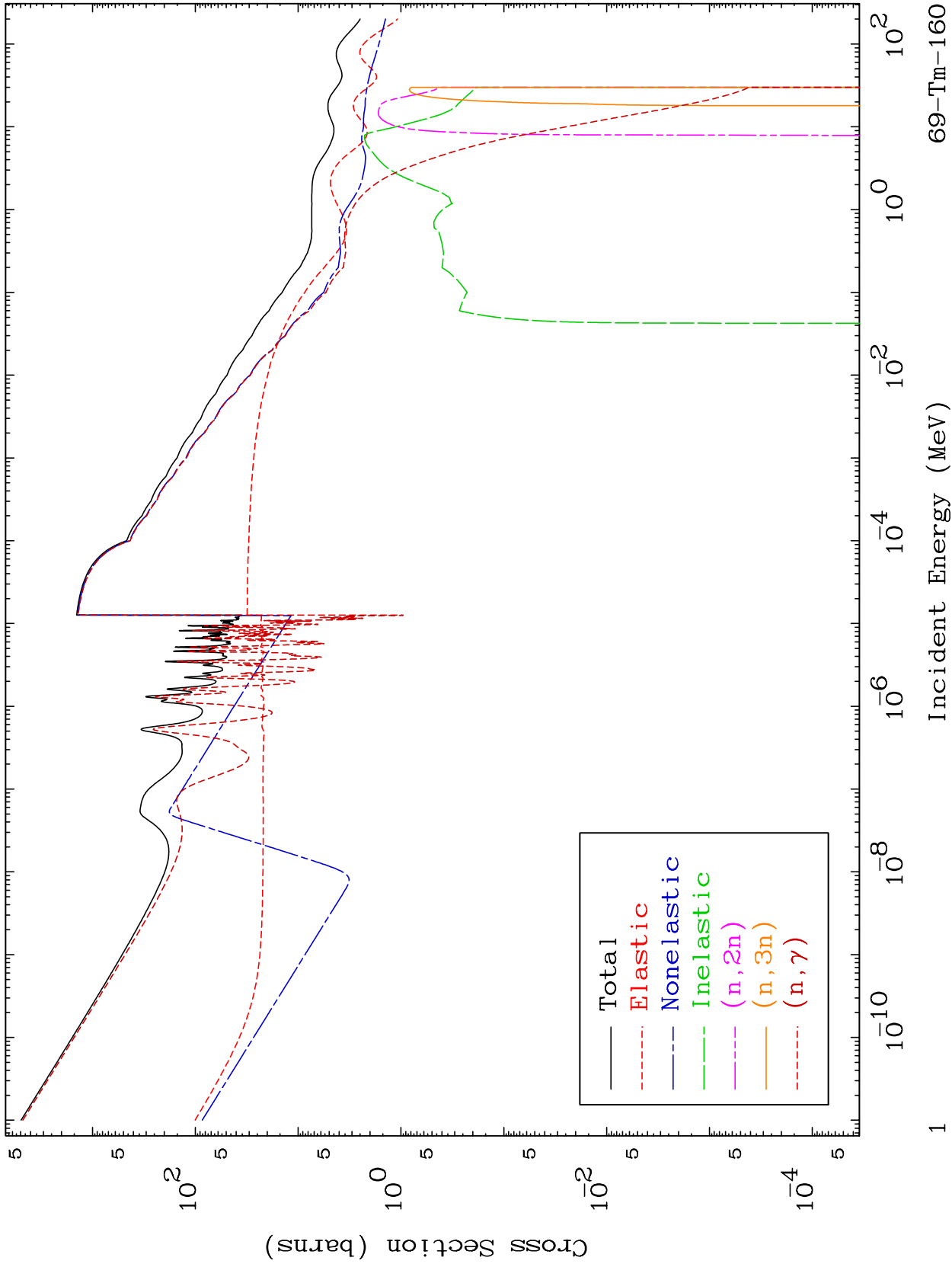
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 6898

Neutron Major  
293 Kelvin Cross Sections

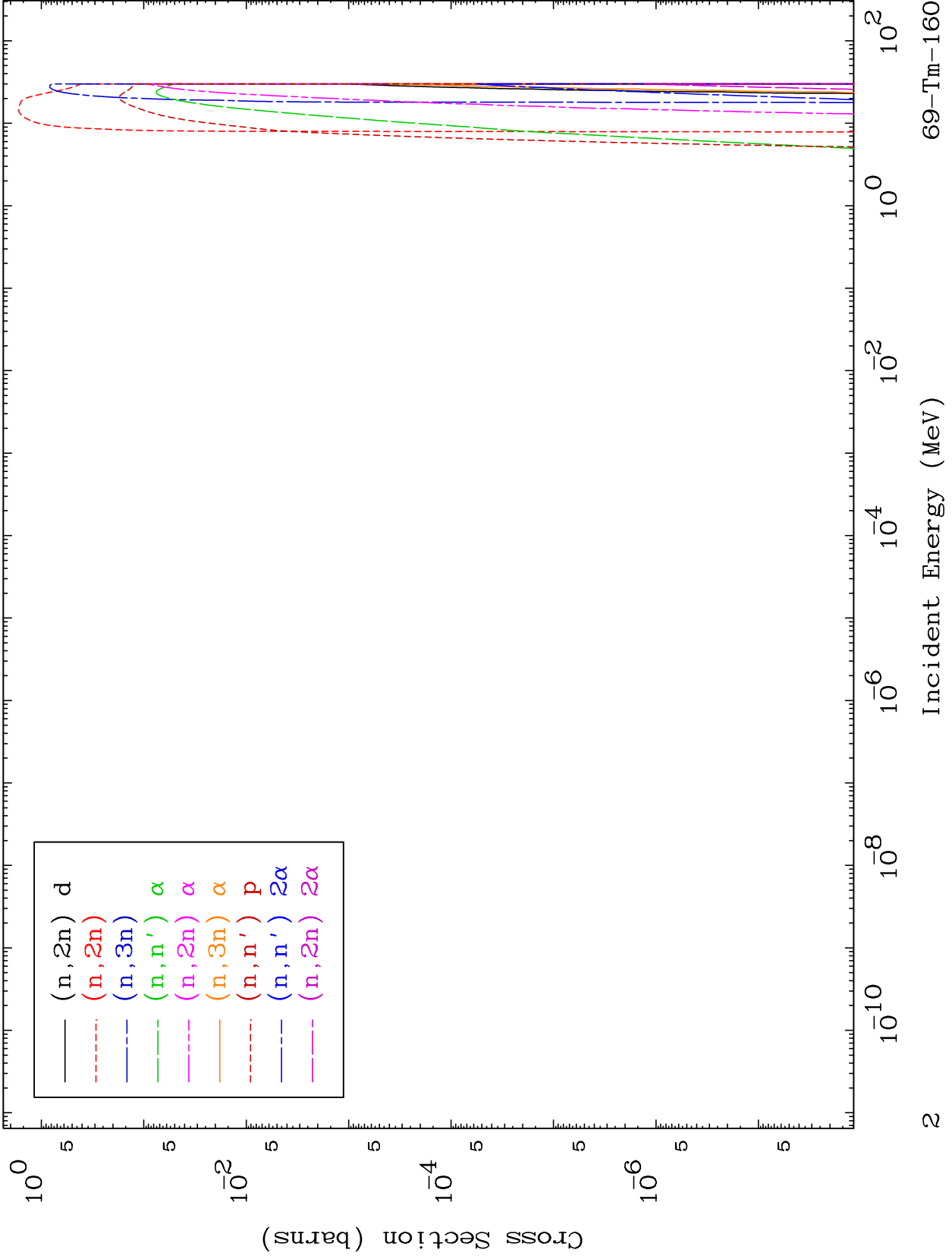
69-Tm-160



MAT 6898

Neutron Absorption  
293 Kelvin Cross Sections

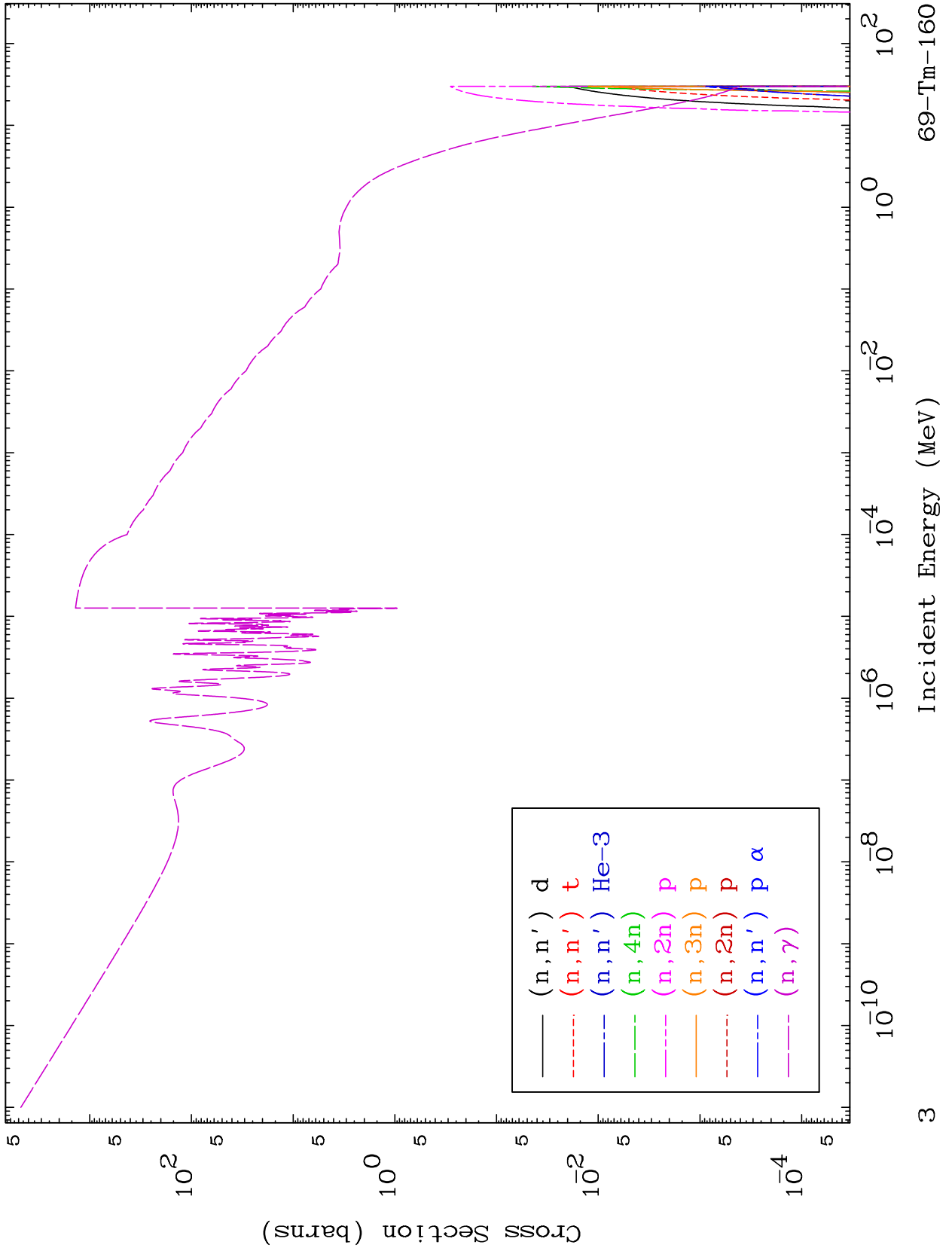
69-Tm-160



MAT 6898

Neutron Absorption  
293 Kelvin Cross Sections

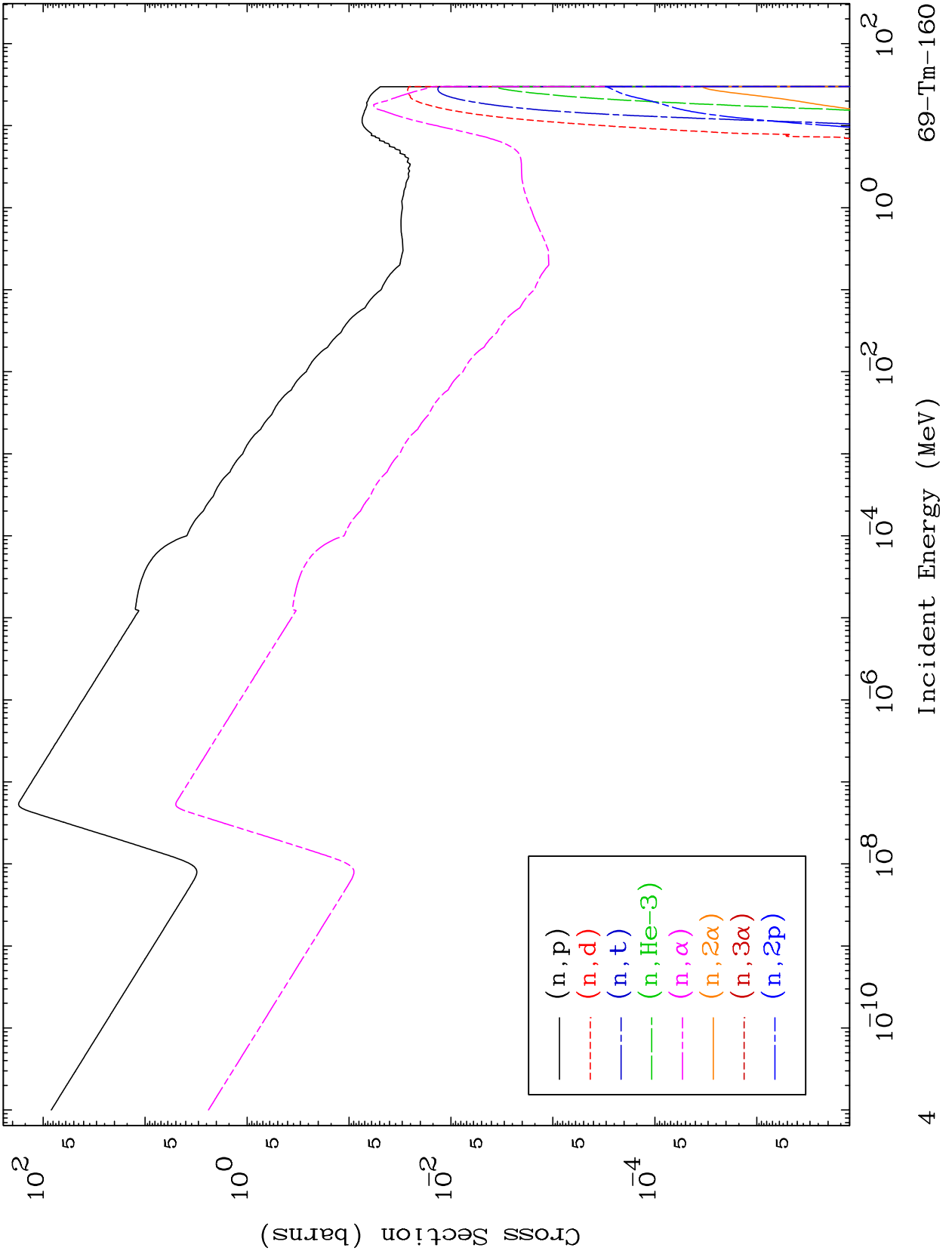
69-Tm-160



MAT 6898

Neutron Absorption  
293 Kelvin Cross Sections

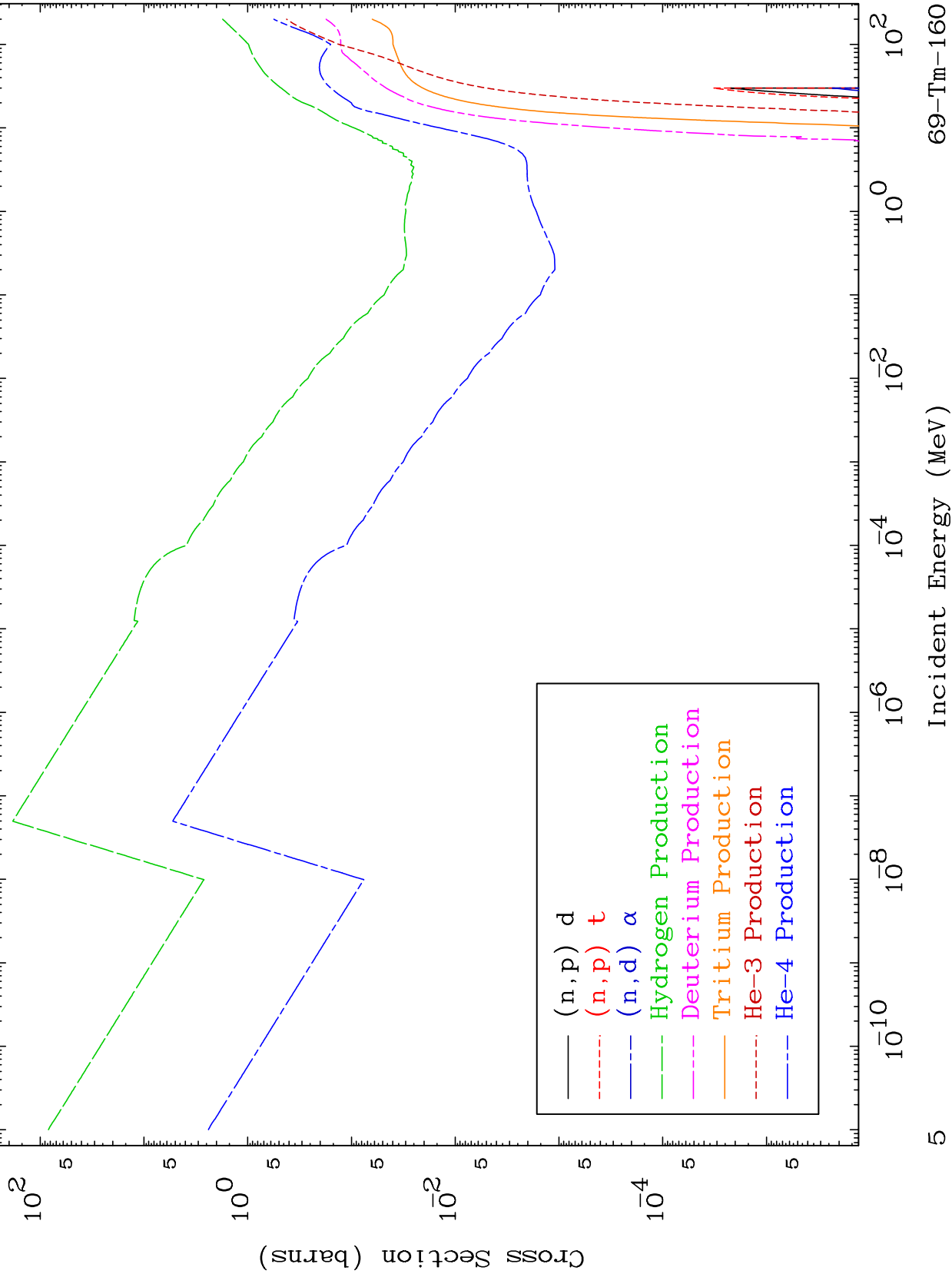
69-Tm-160



MAT 6898

Neutron Absorption  
293 Kelvin Cross Sections

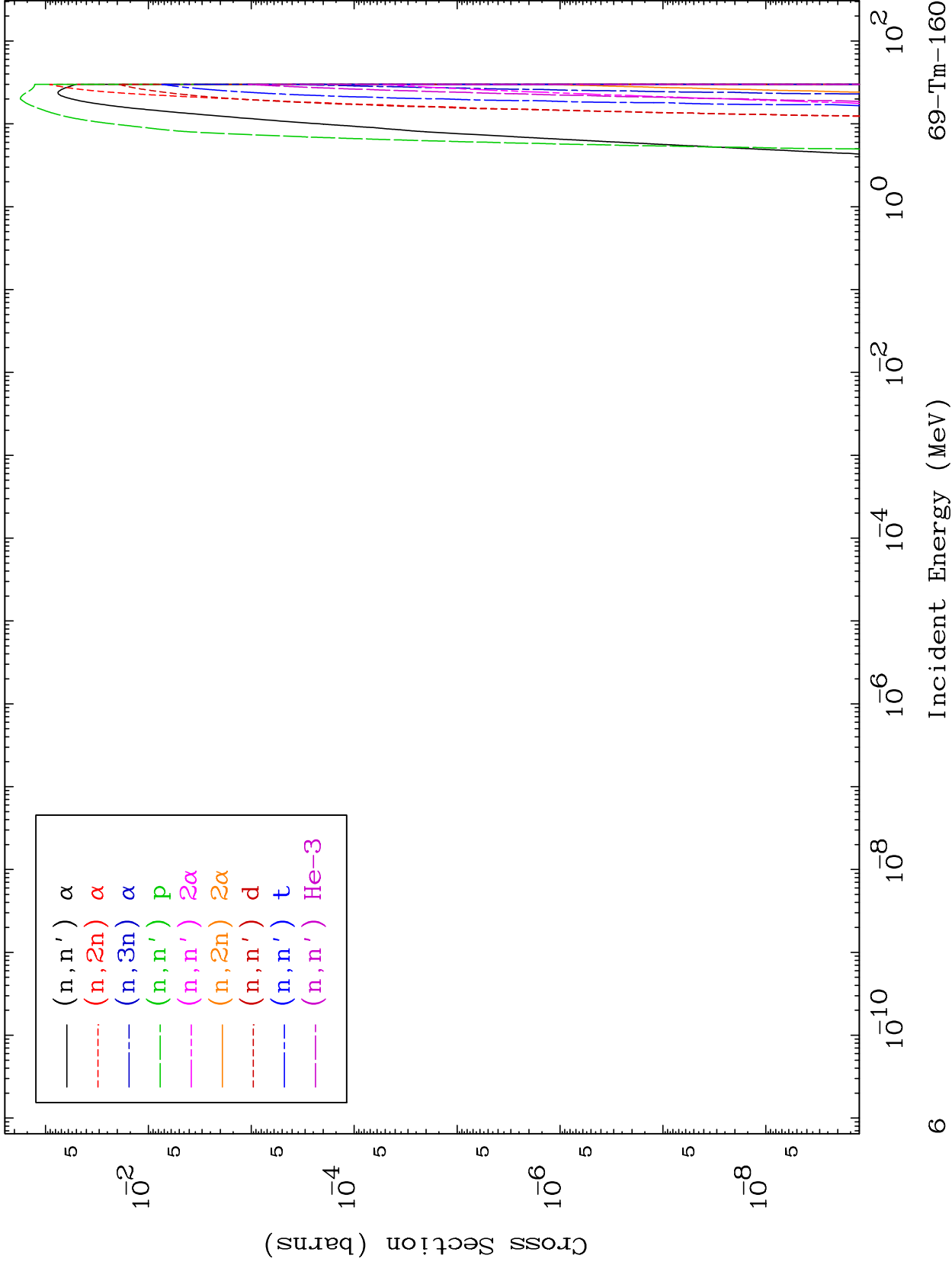
69-Tm-160



MAT 6898

Charged Particle  
293 Kelvin Cross Sections

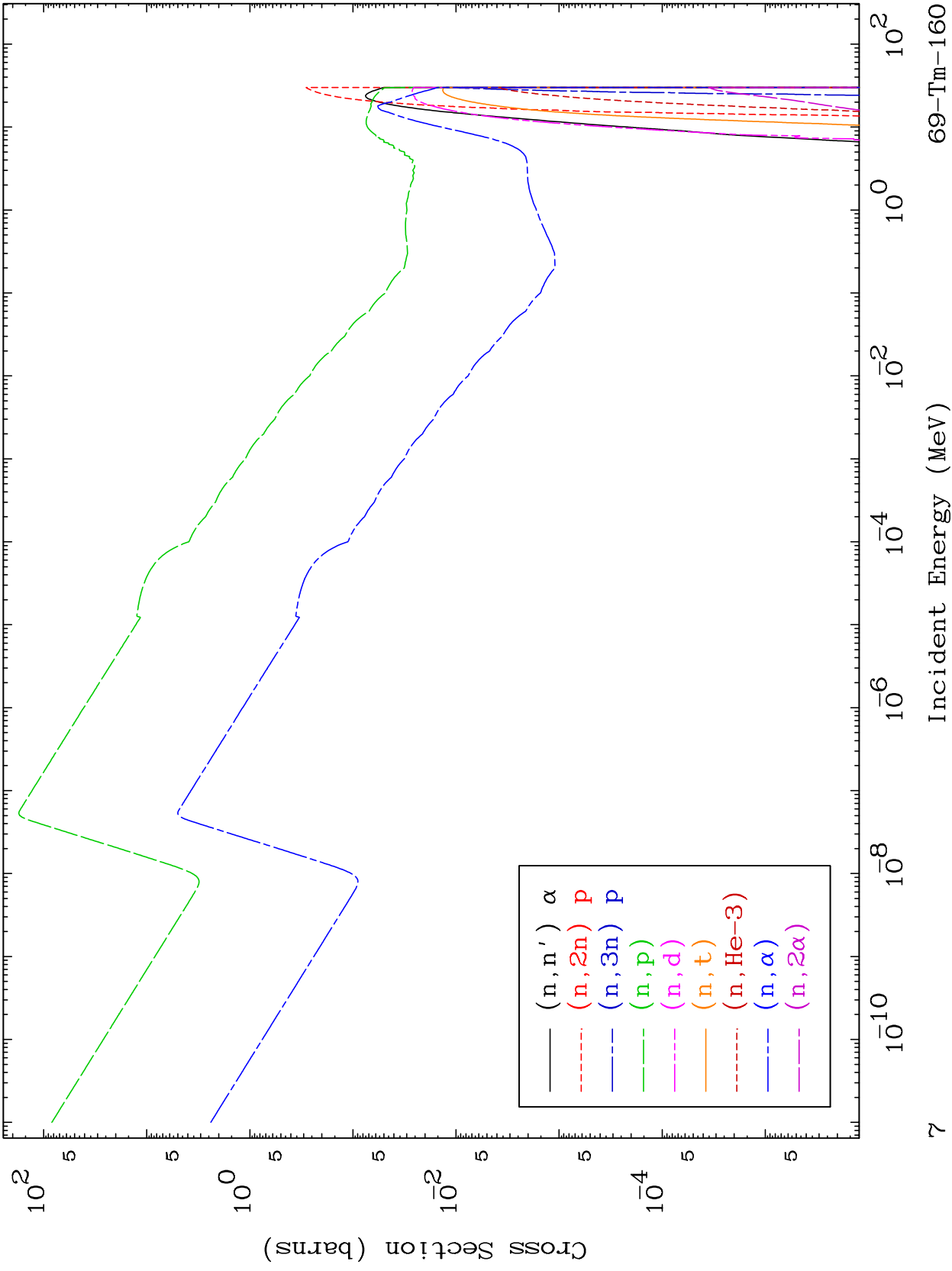
69-Tm-160



MAT 6898

Charged Particle  
293 Kelvin Cross Sections

69-Tm-160

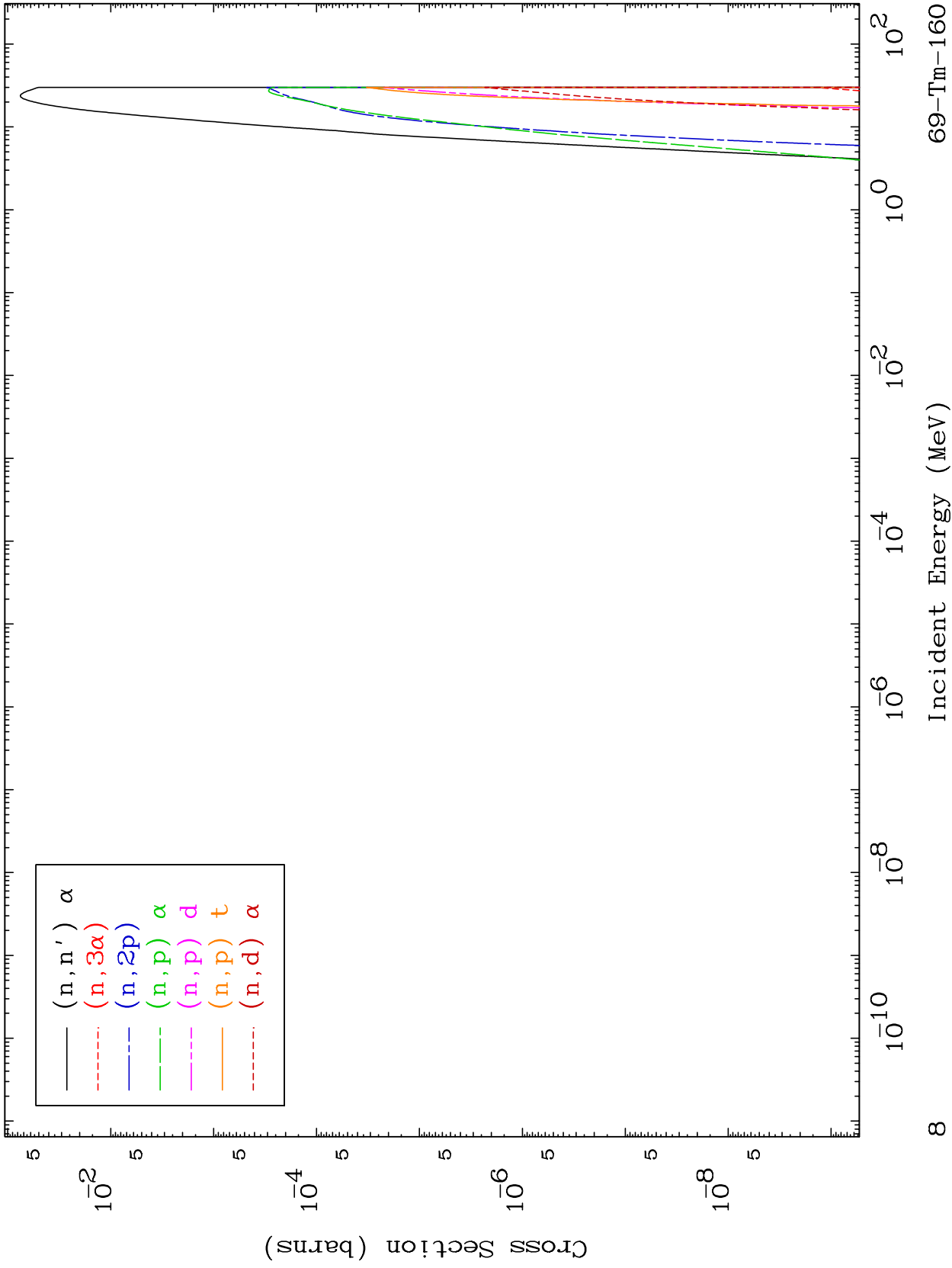


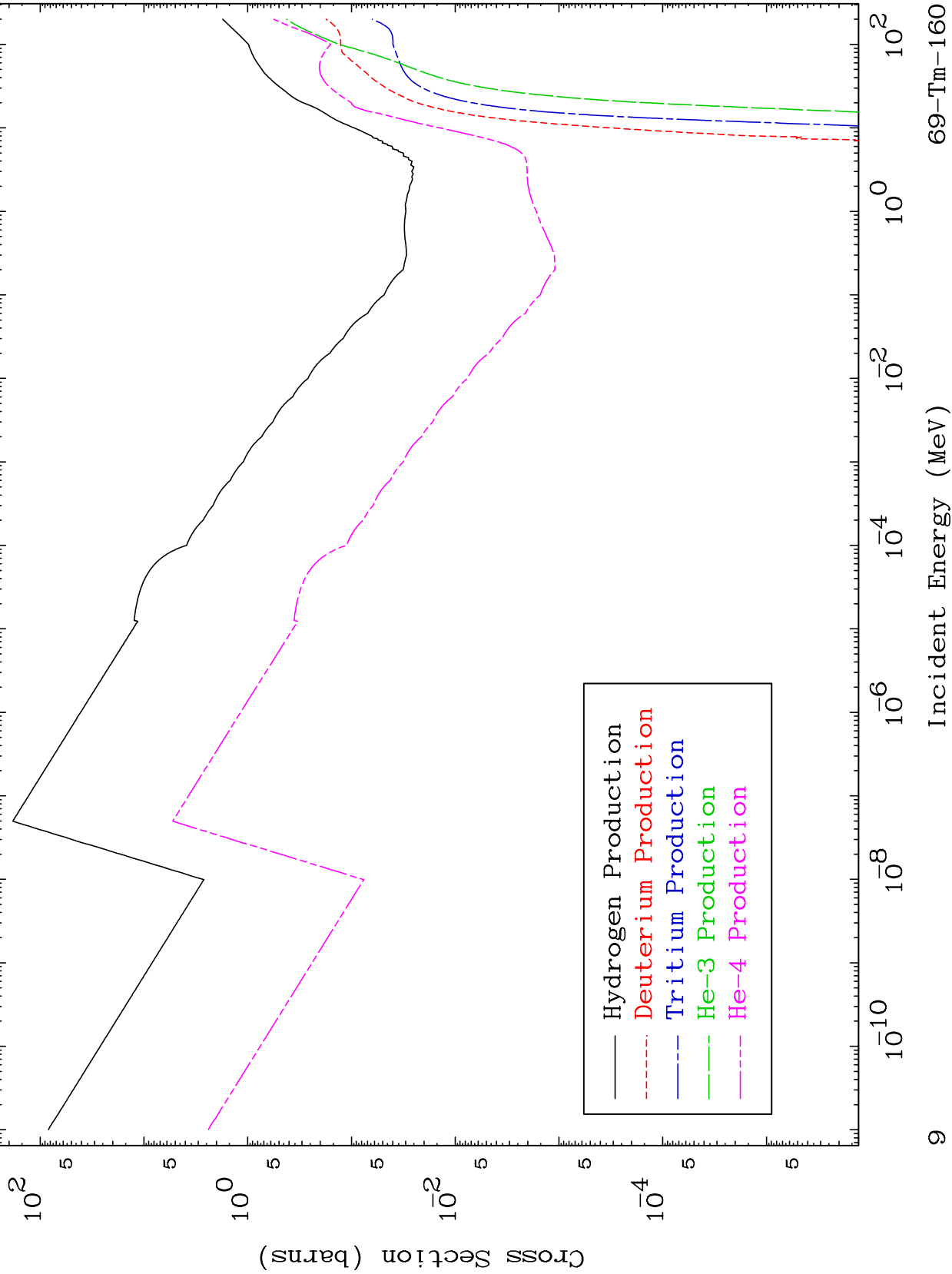


MAT 6898

Charged Particle  
293 Kelvin Cross Sections

69-Tm-160

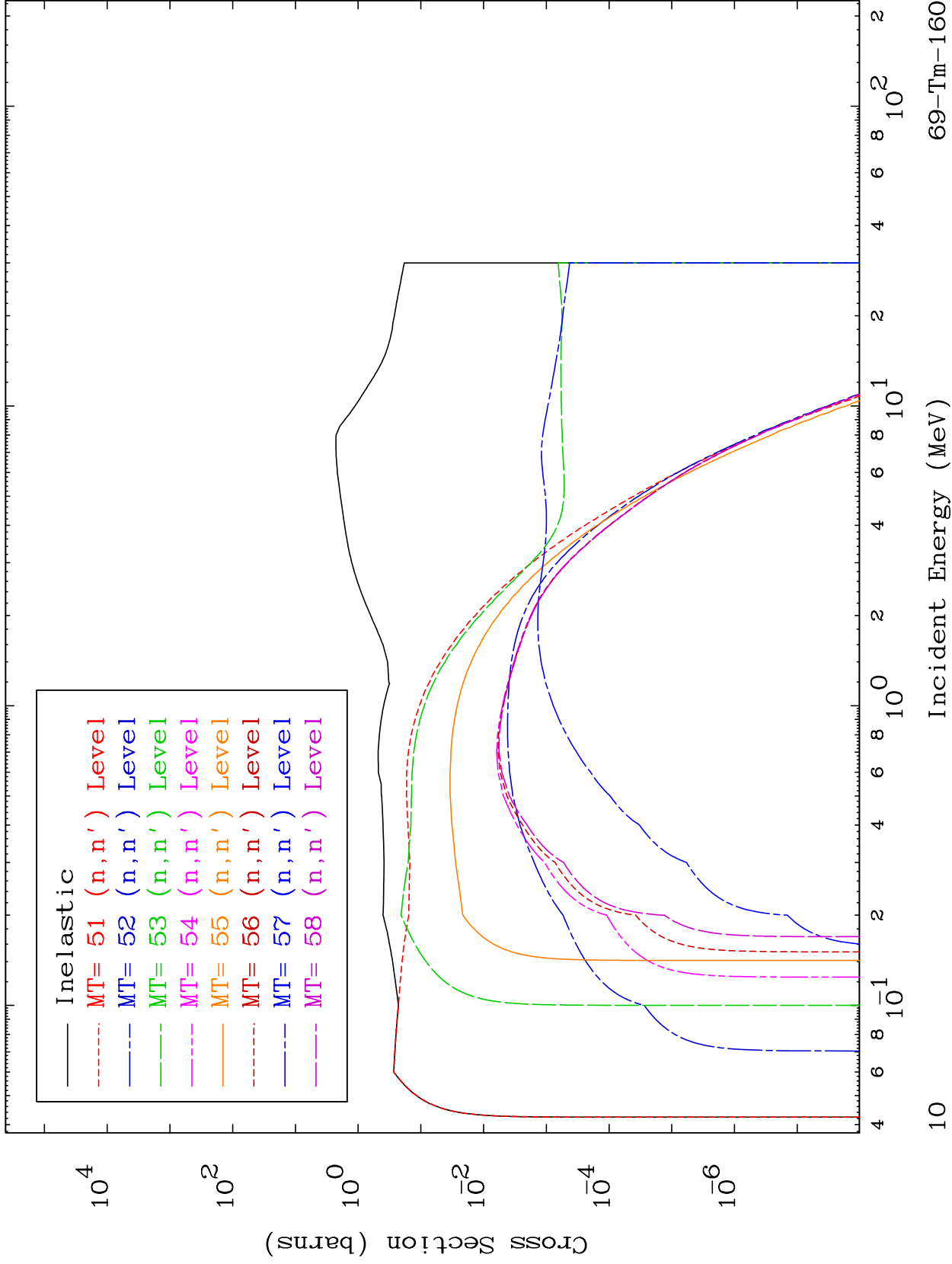




MAT 6898

(n,n') Levels  
293 Kelvin Cross Sections

69-Tm-160



10

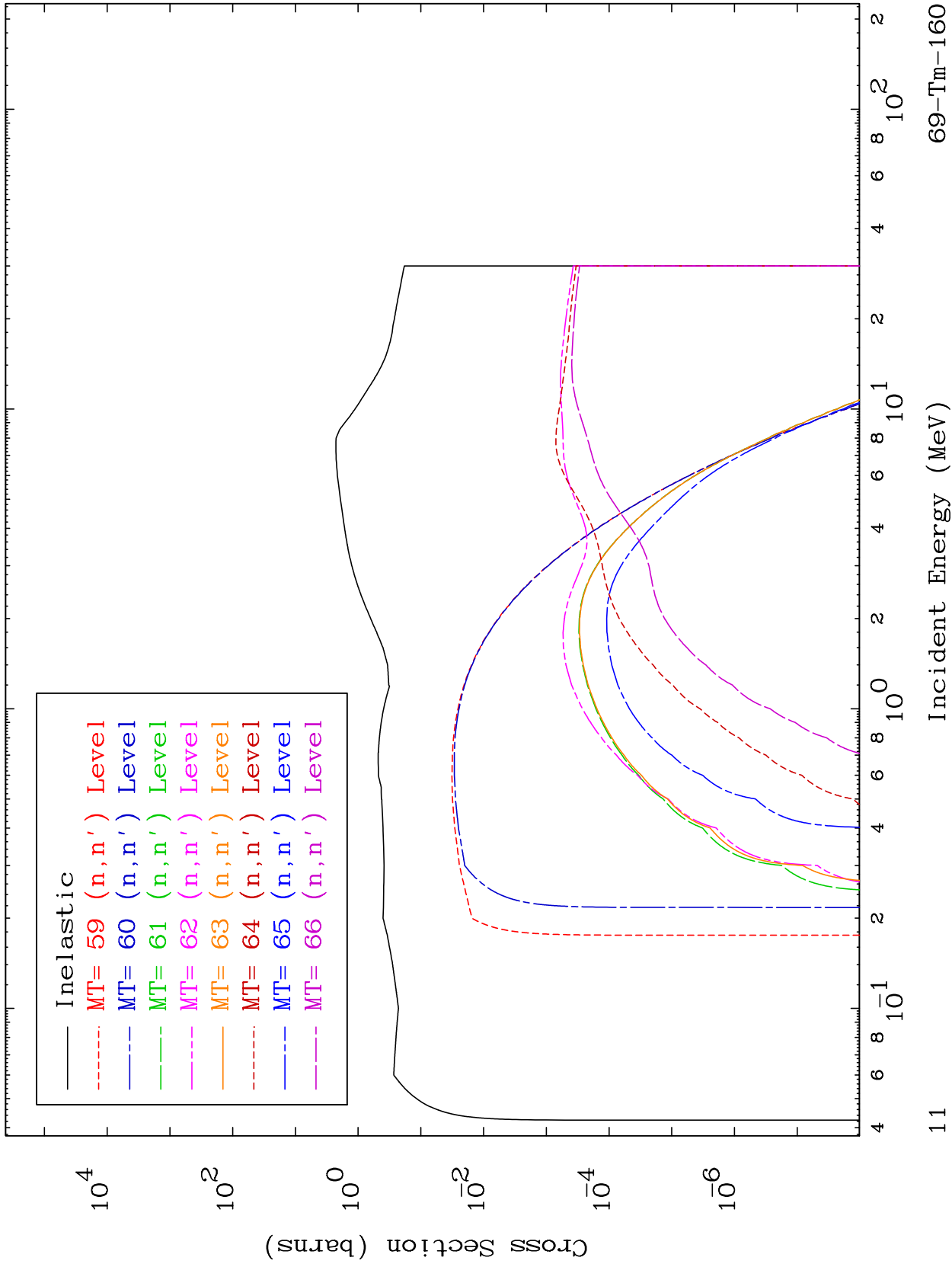
Incident Energy (MeV)

69-Tm-160

MAT 6898

(n,n') Levels  
293 Kelvin Cross Sections

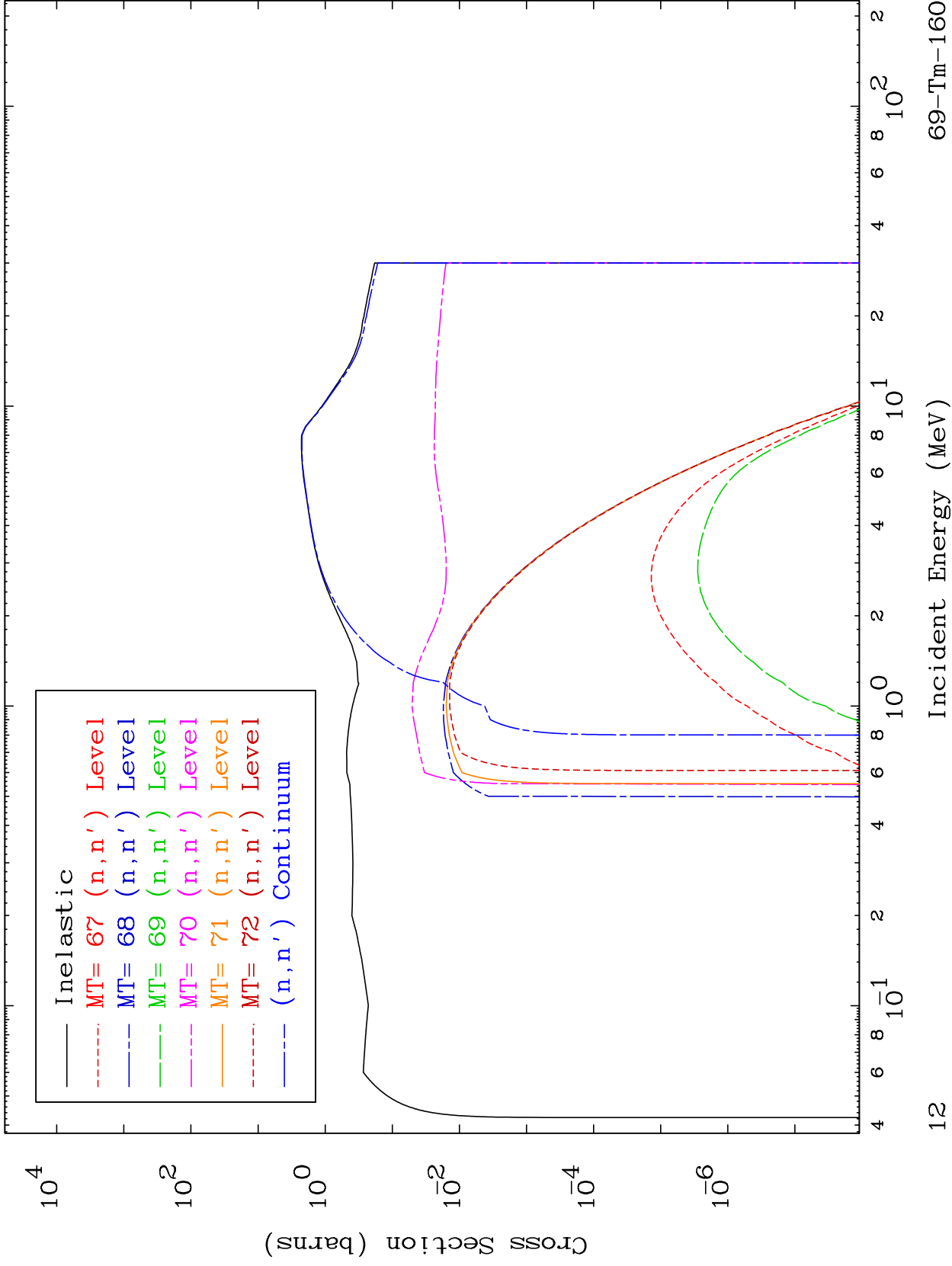
69-Tm-160



MAT 6898

(n,n') Levels  
293 Kelvin Cross Sections

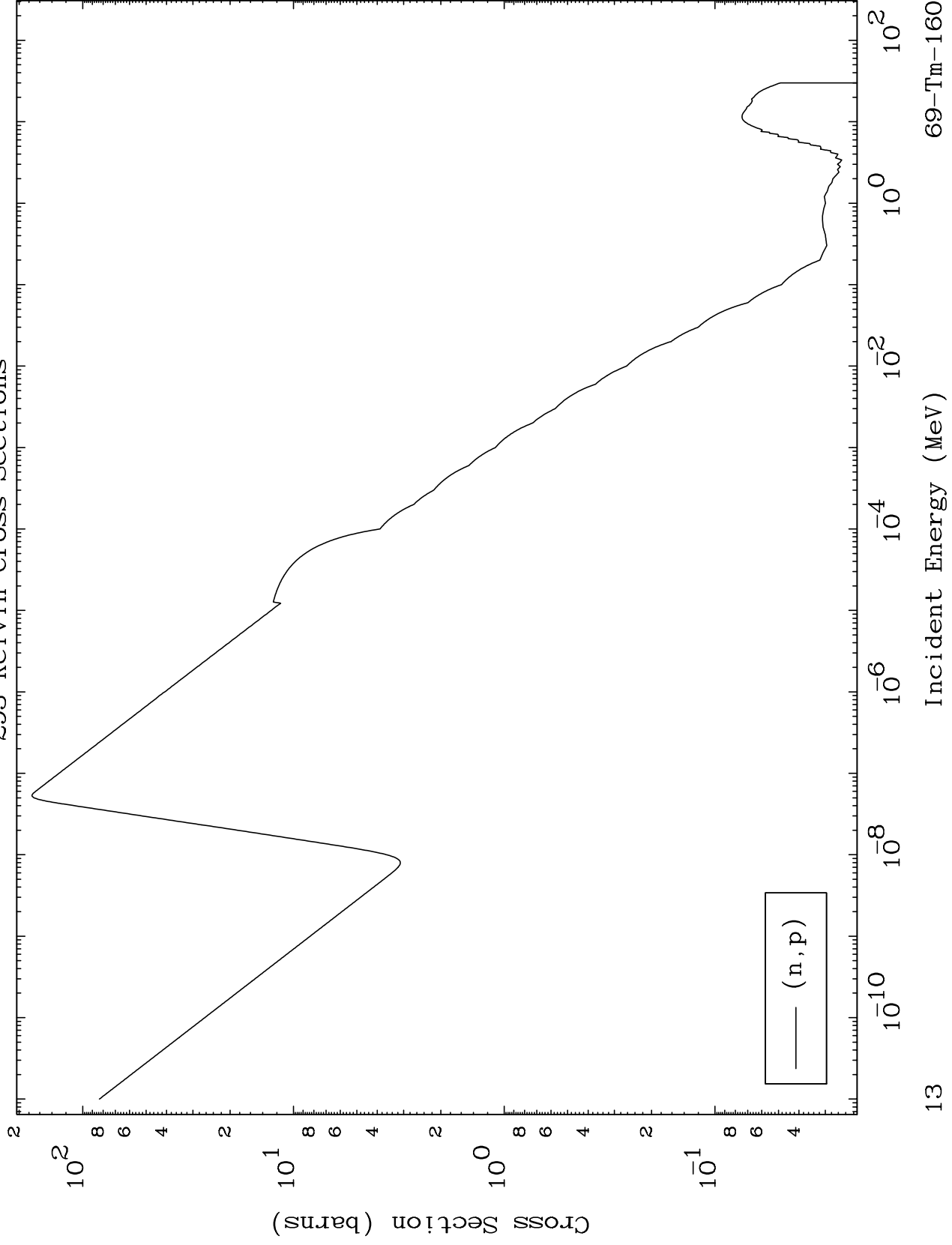
69-Tm-160



MAT 6898

(n,p) Levels  
293 Kelvin Cross Sections

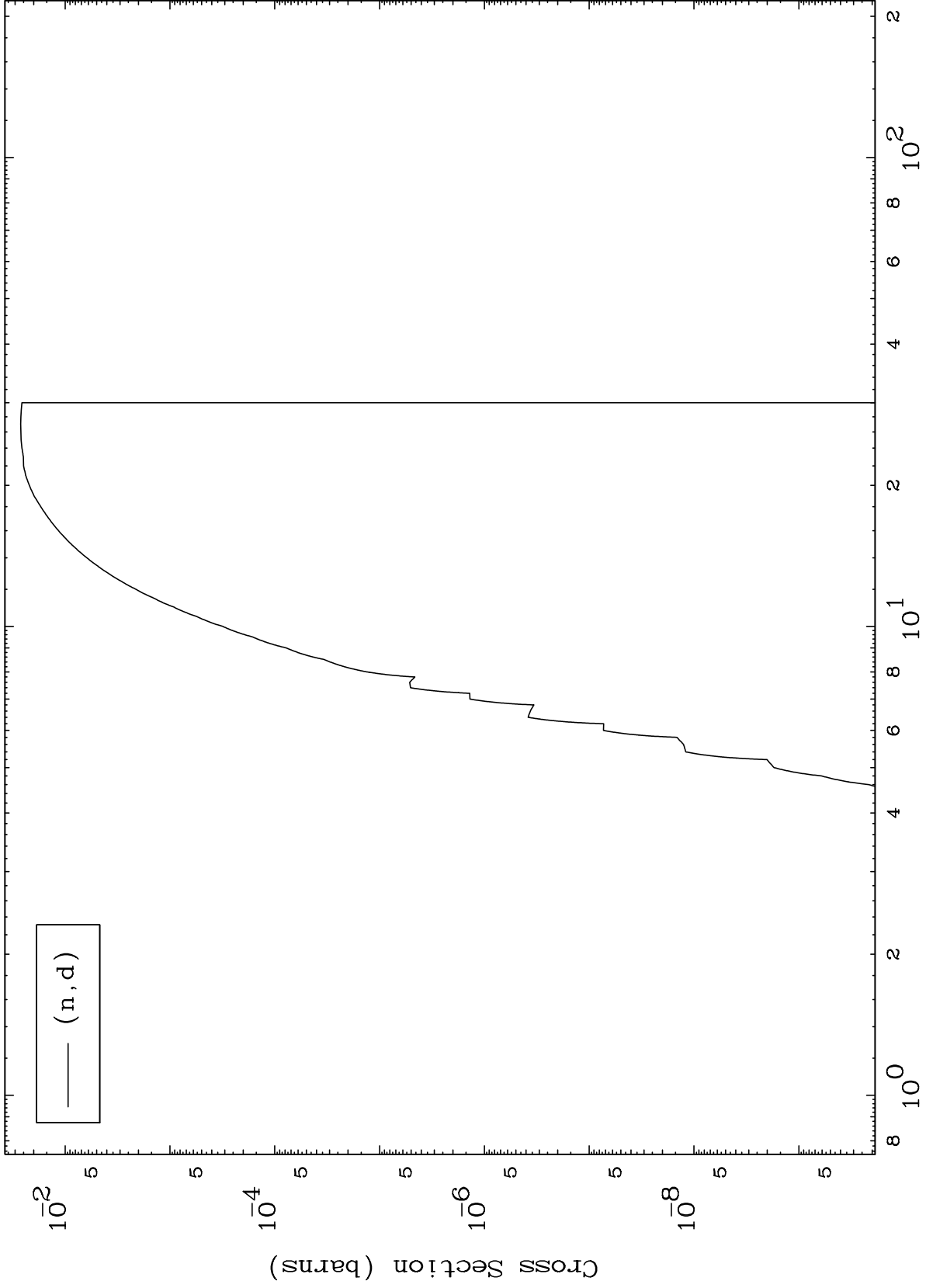
69-Tm-160



MAT 6898

(n,d) Levels  
293 Kelvin Cross Sections

69-Tm-160



14

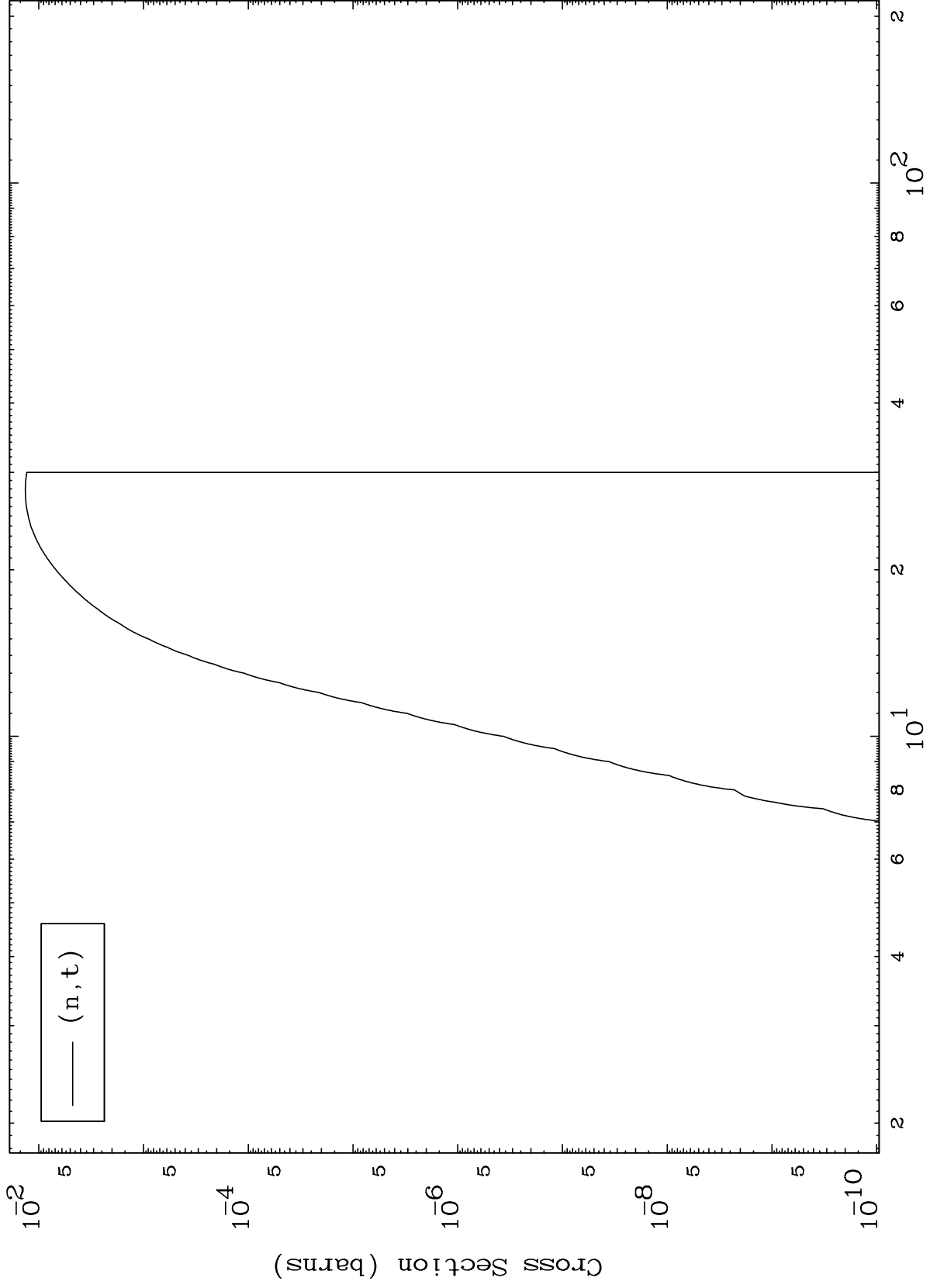
Incident Energy (MeV)

69-Tm-160

MAT 6898

(n,t) Levels  
293 Kelvin Cross Sections

69-Tm-160



15

Incident Energy (MeV)

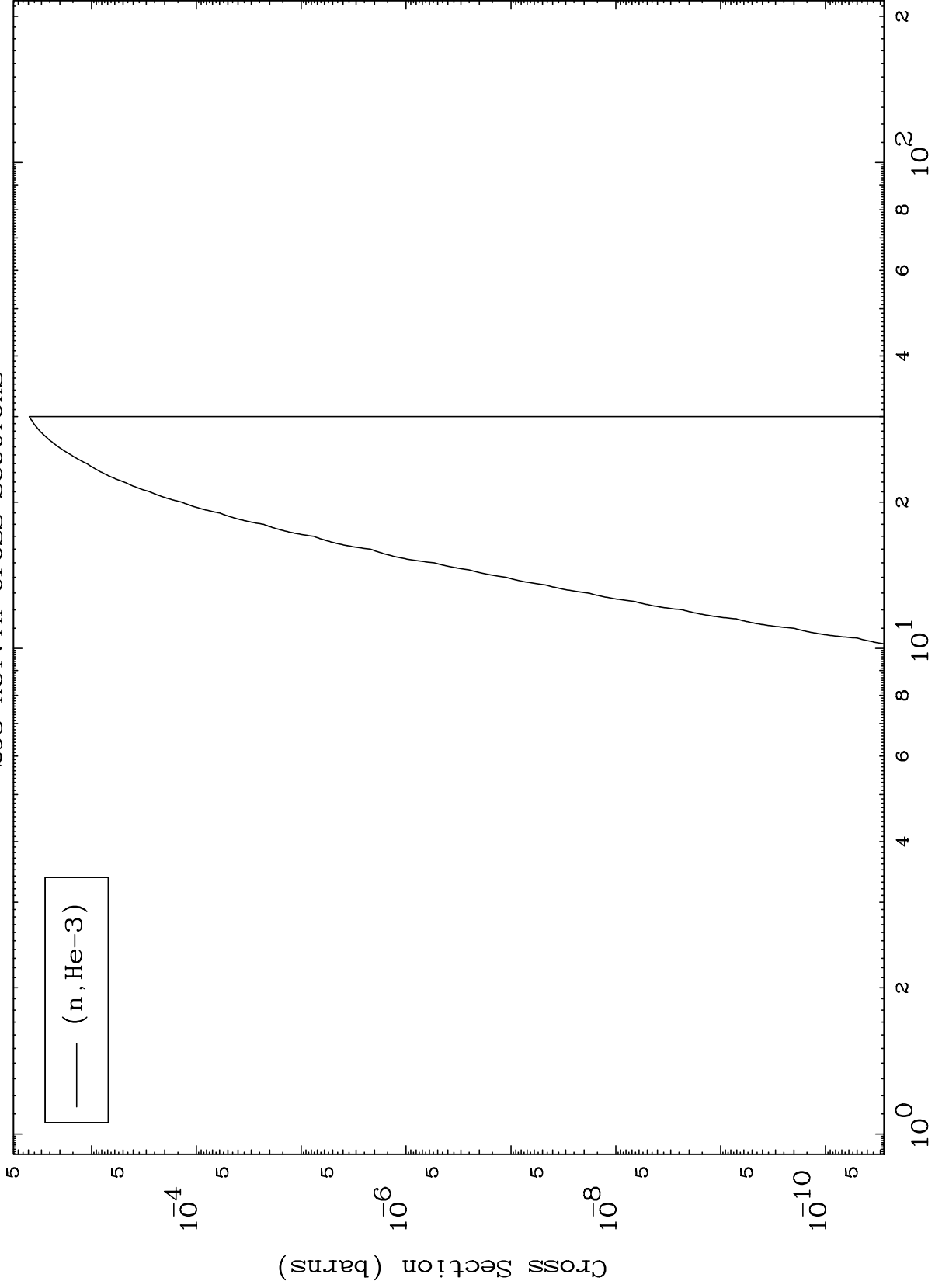
69-Tm-160



MAT 6898

(n,He3) Levels  
293 Kelvin Cross Sections

69-Tm-160



16

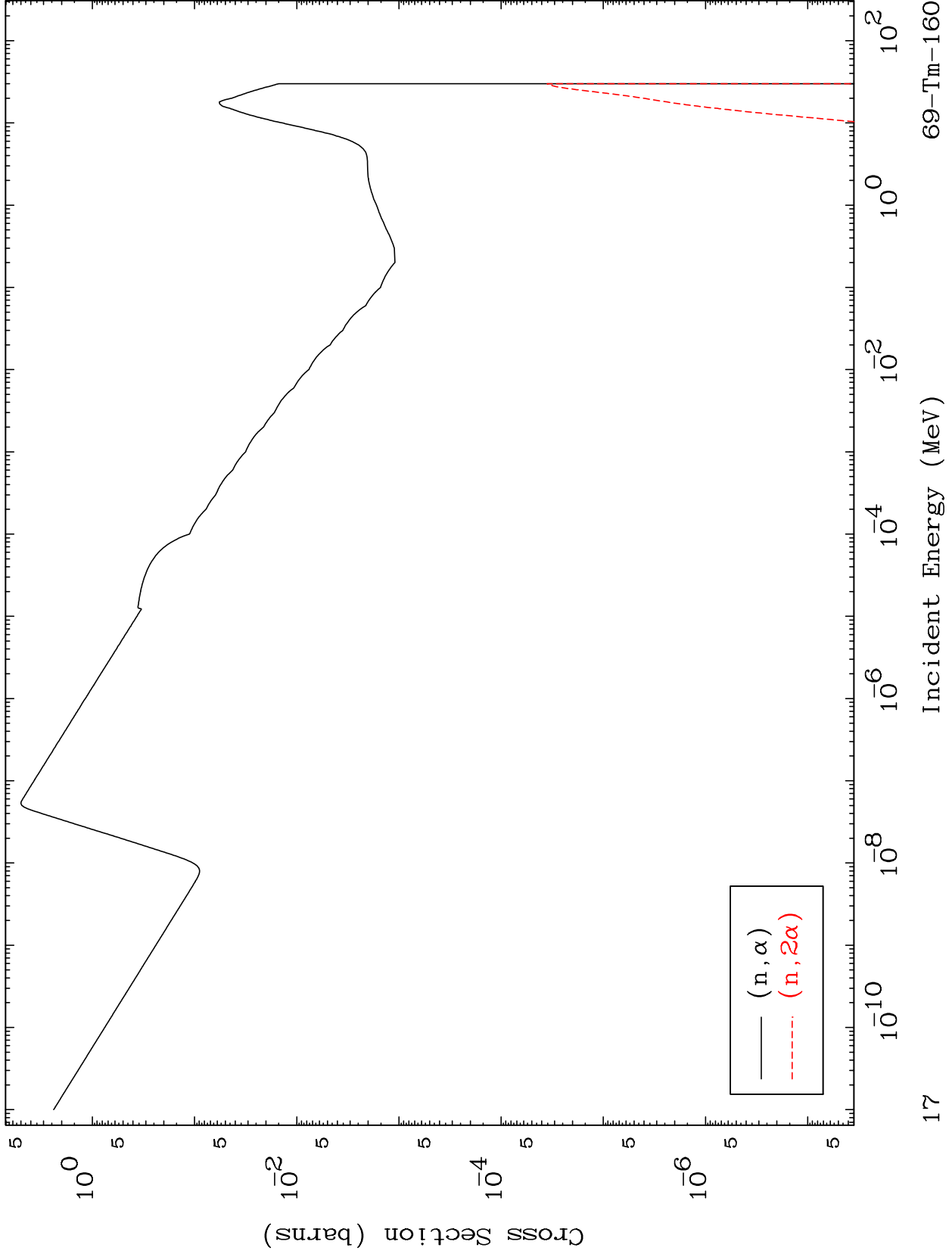
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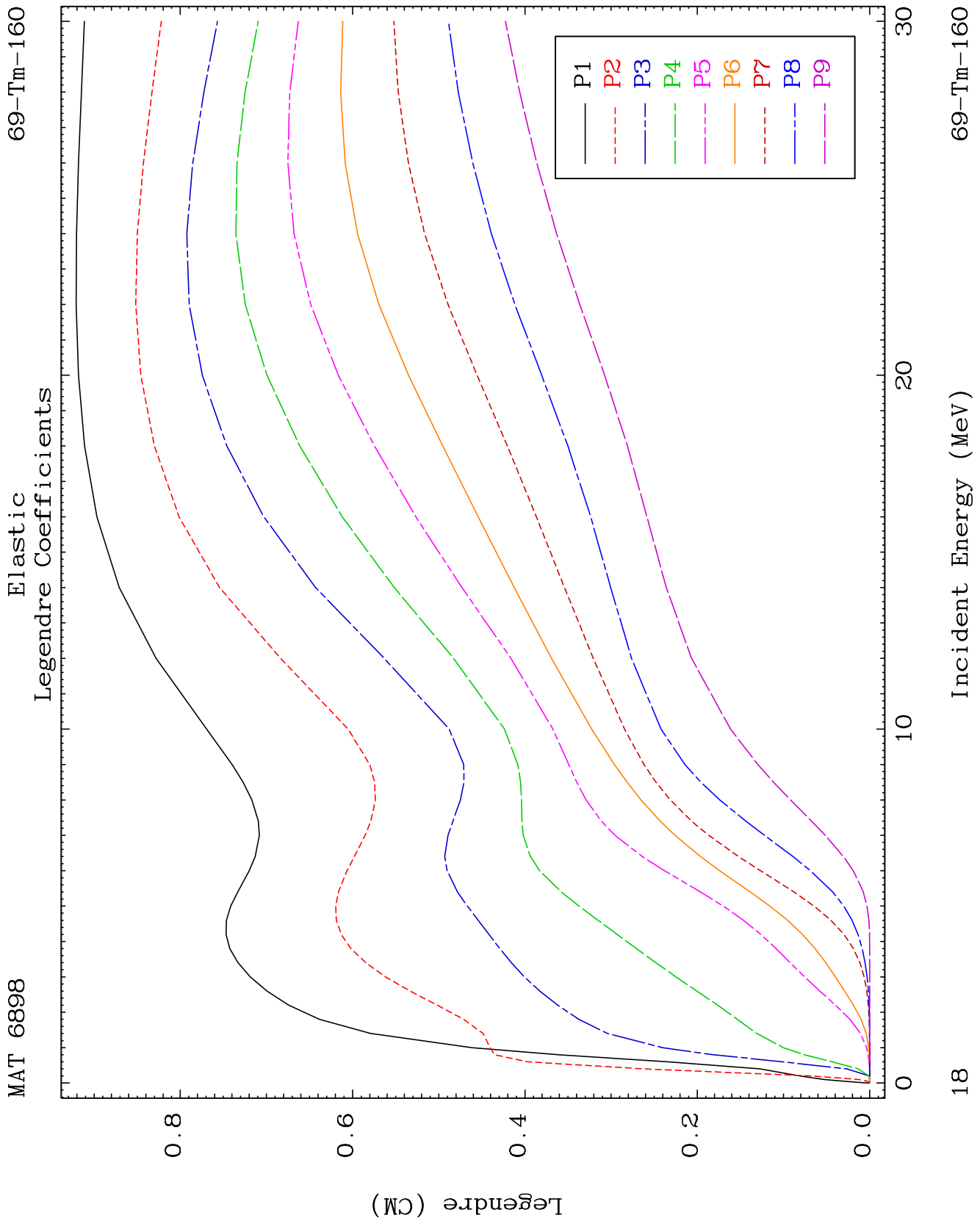
69-Tm-160

MAT 6898

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

69-Tm-160

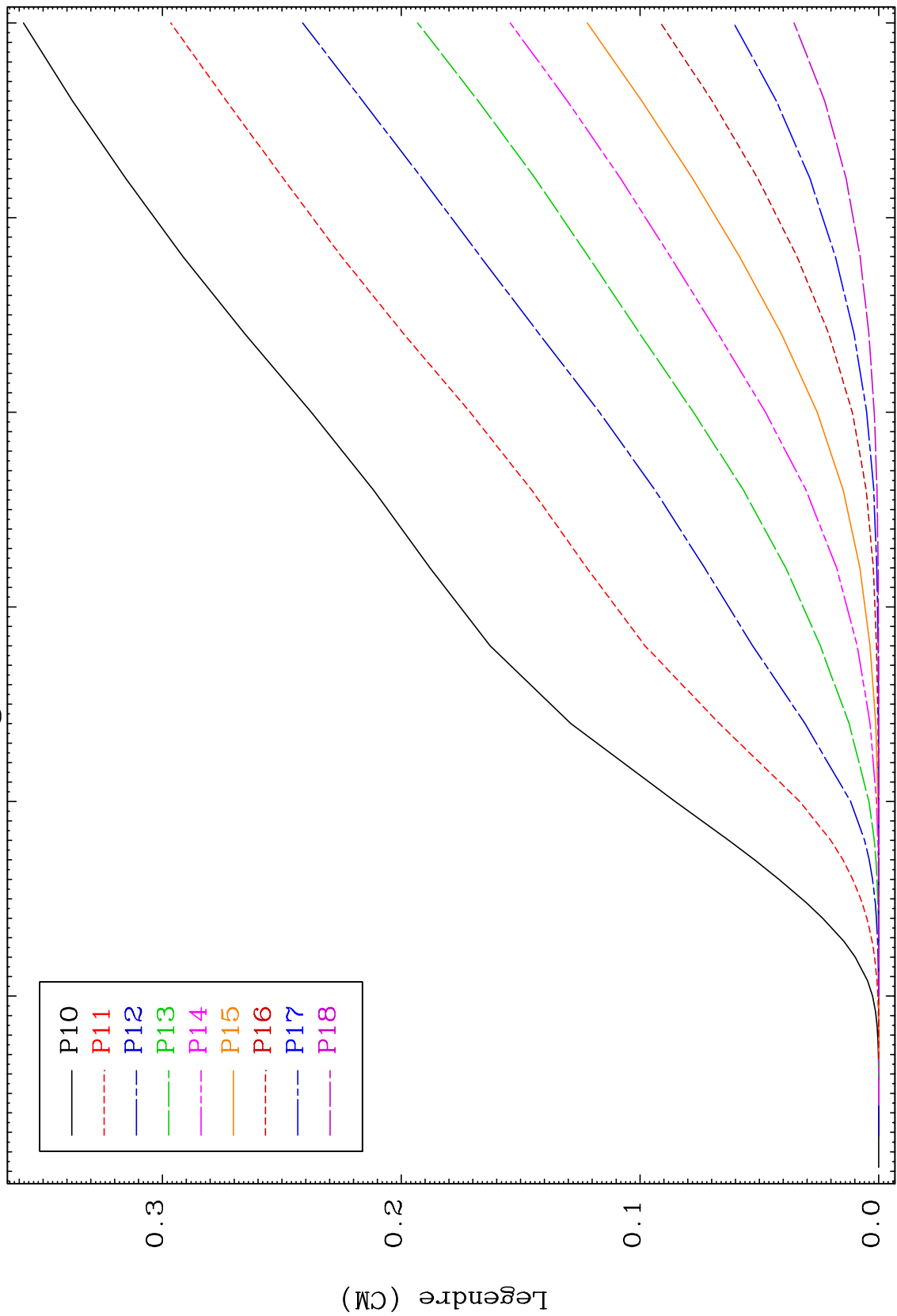




MAT 6898

Elastic Legendre Coefficients

69-Tm-160



19

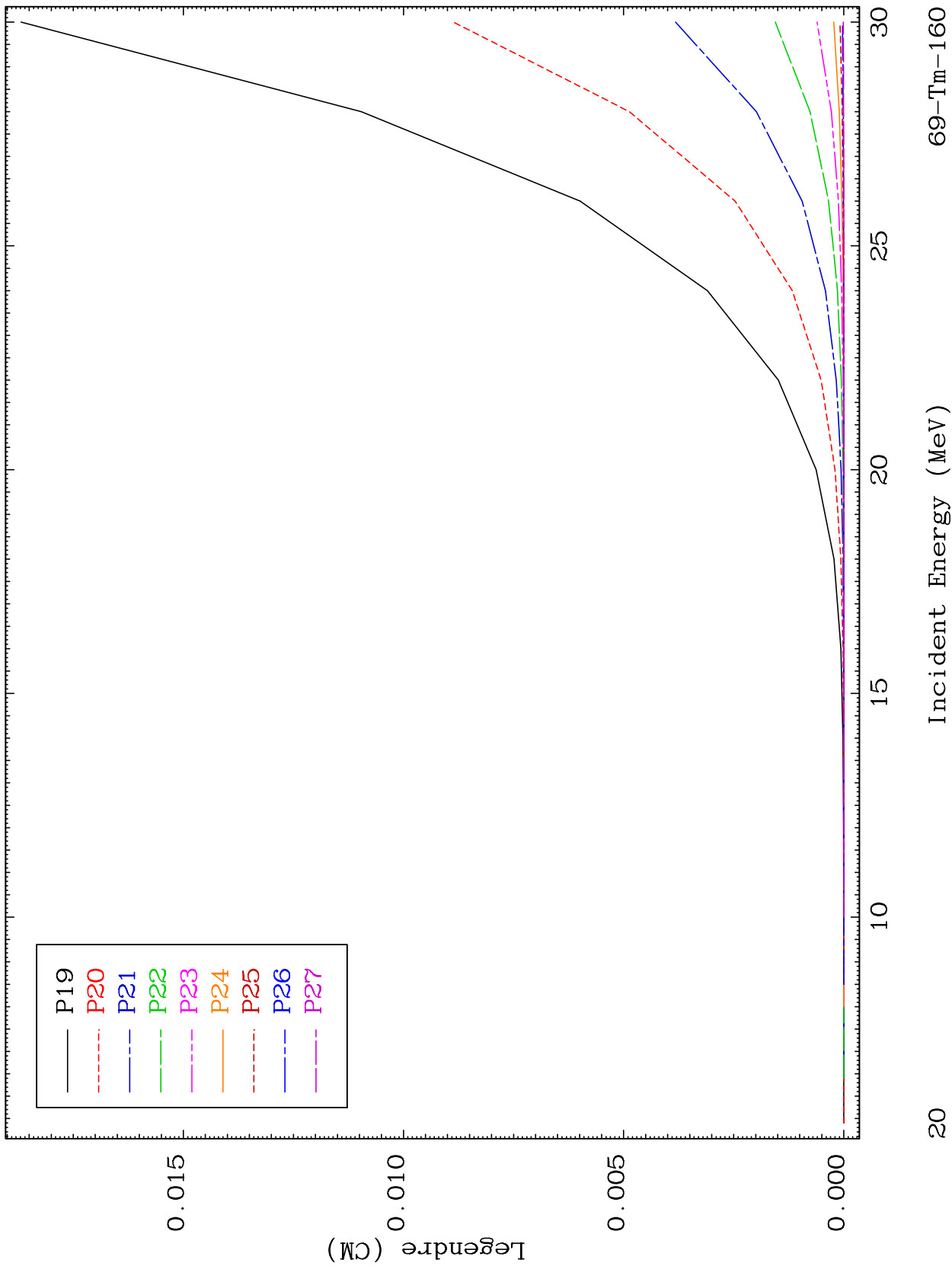
Incident Energy (MeV)

69-Tm-160

MAT 6898

### Elastic Legendre Coefficients

69-Tm-160



20

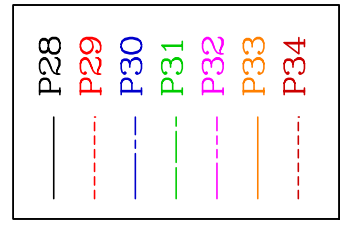
Incident Energy (MeV)

69-Tm-160

MAT 6898

Elastic Legendre Coefficients

69-Tm-160



$\times 10^{-6}$

Legendre (CM)

10

15

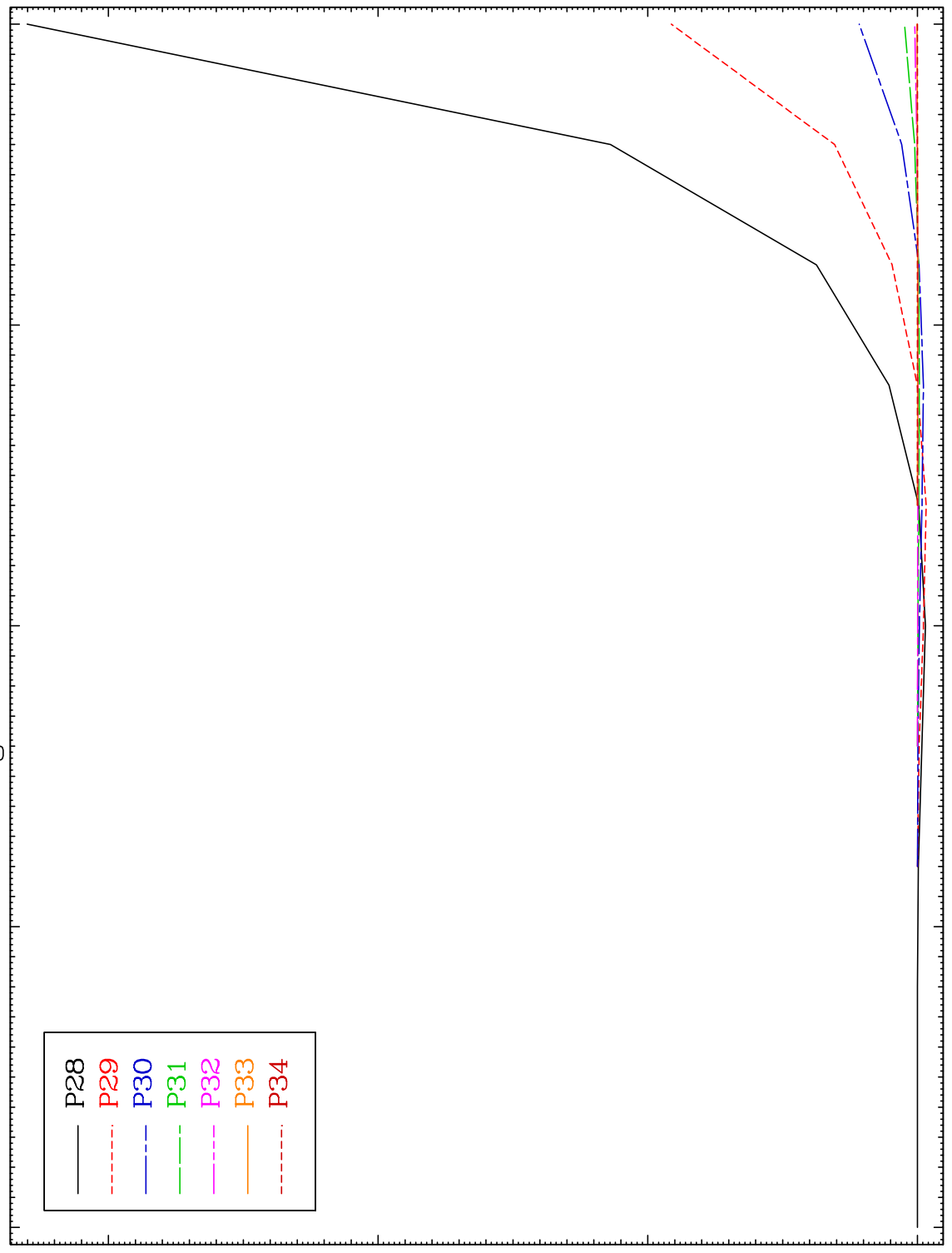
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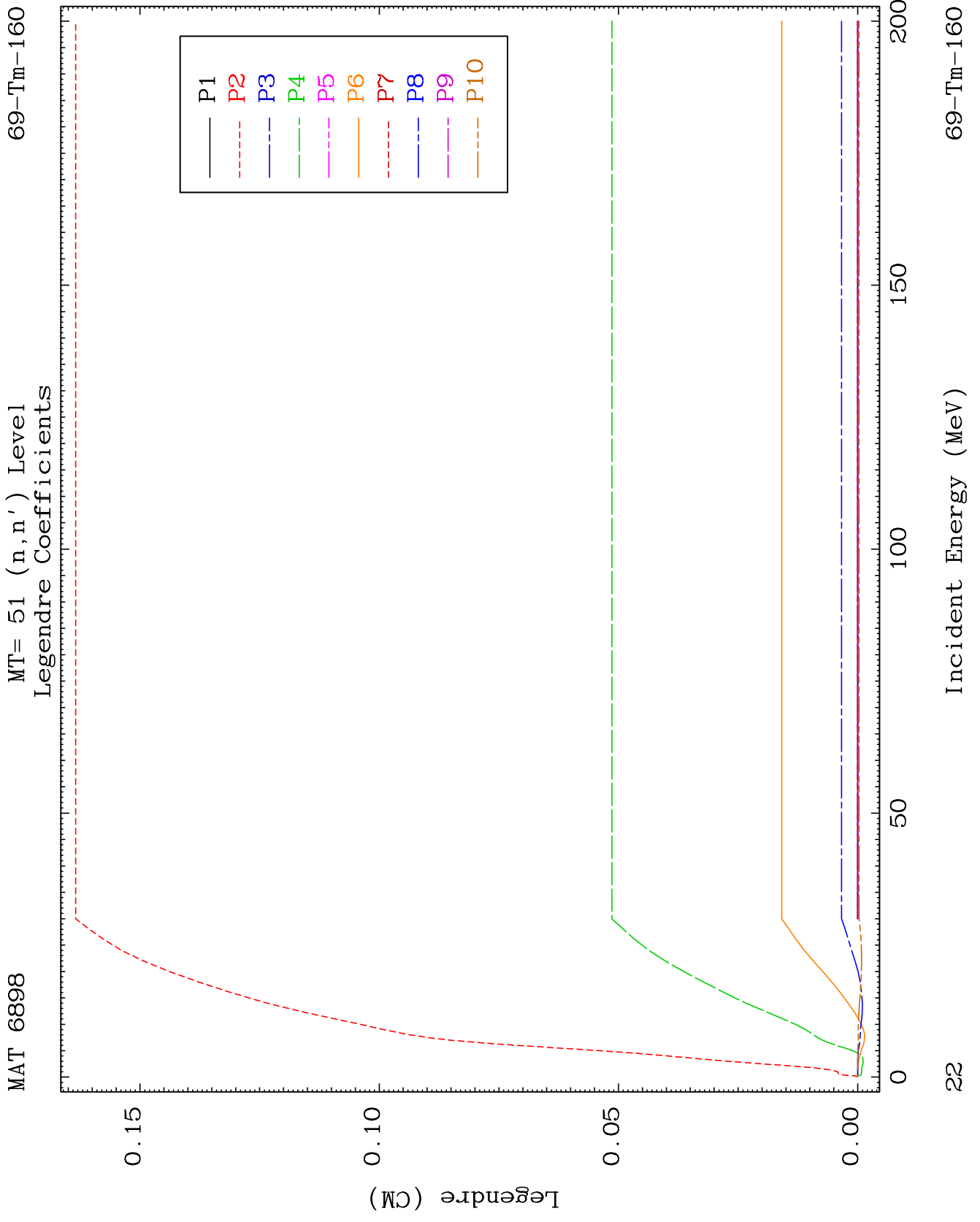
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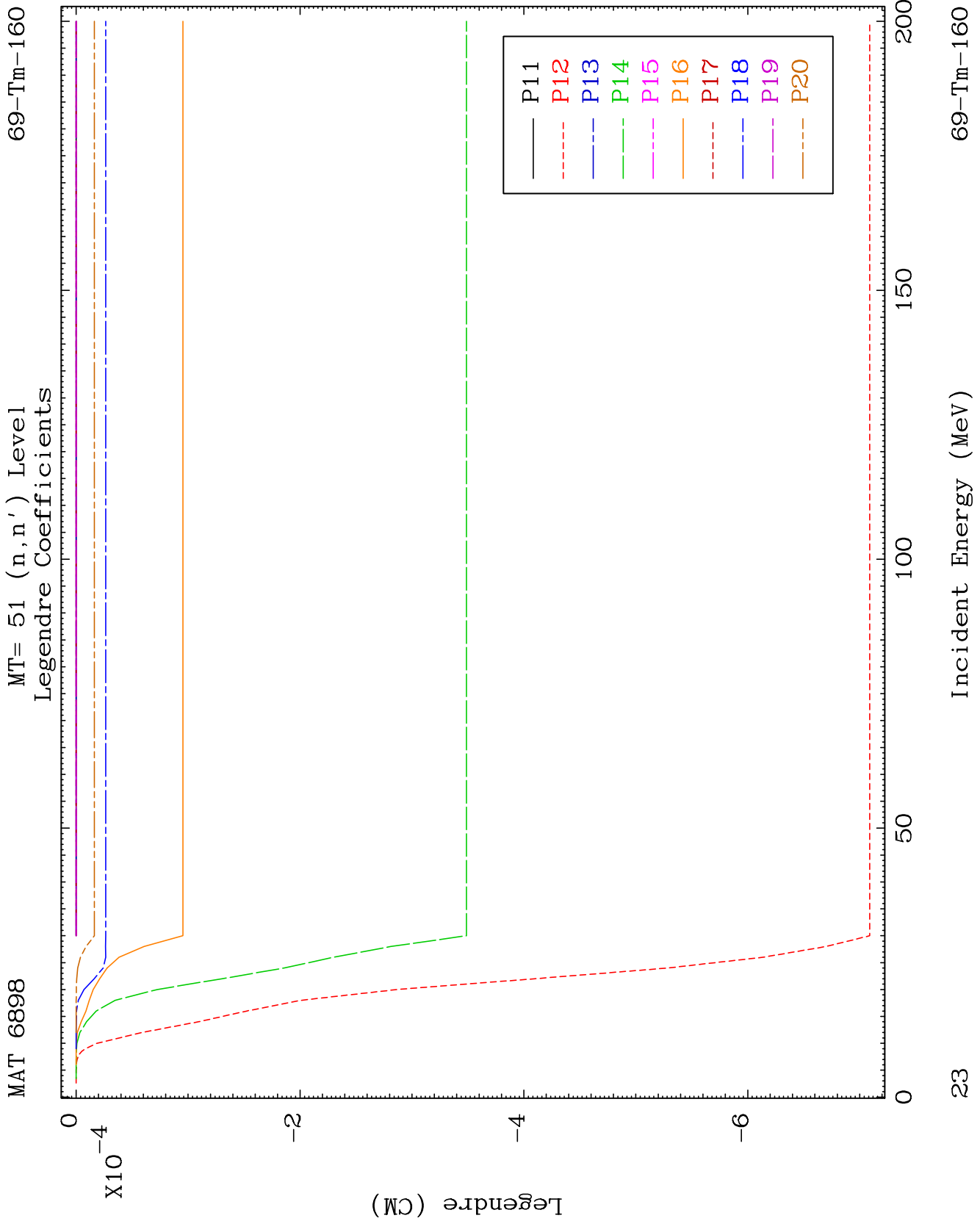
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Incident Energy (MeV)

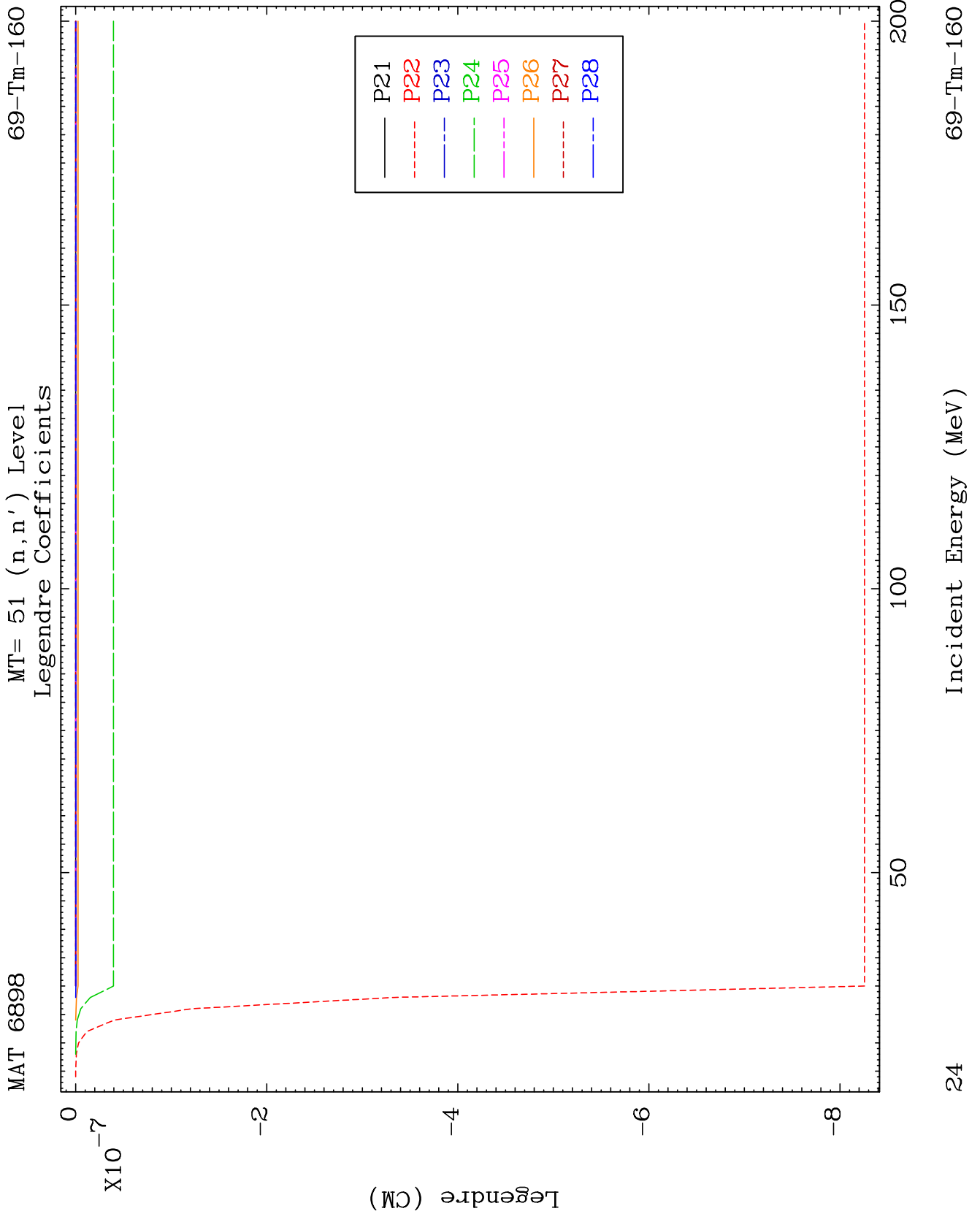
69-Tm-160

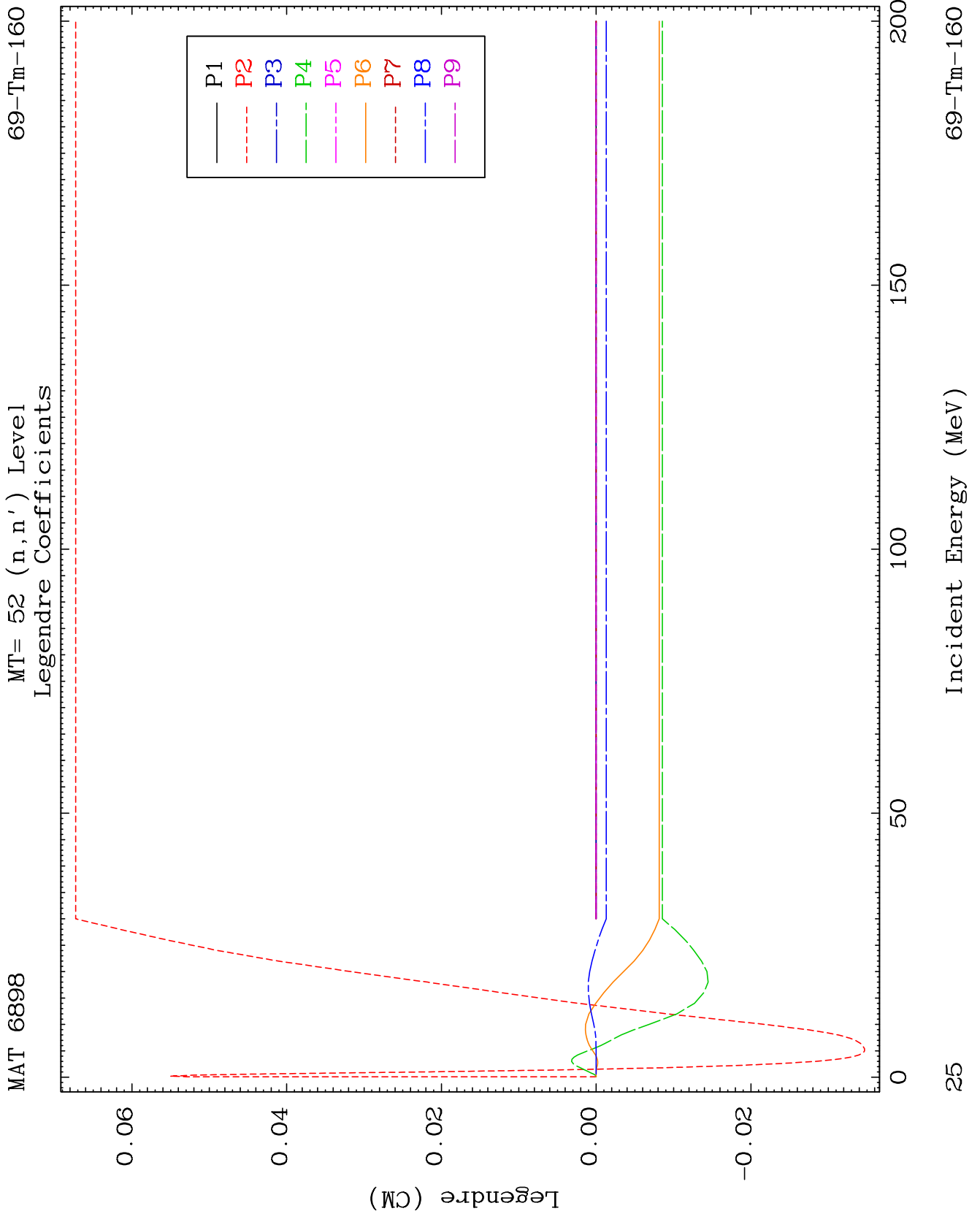








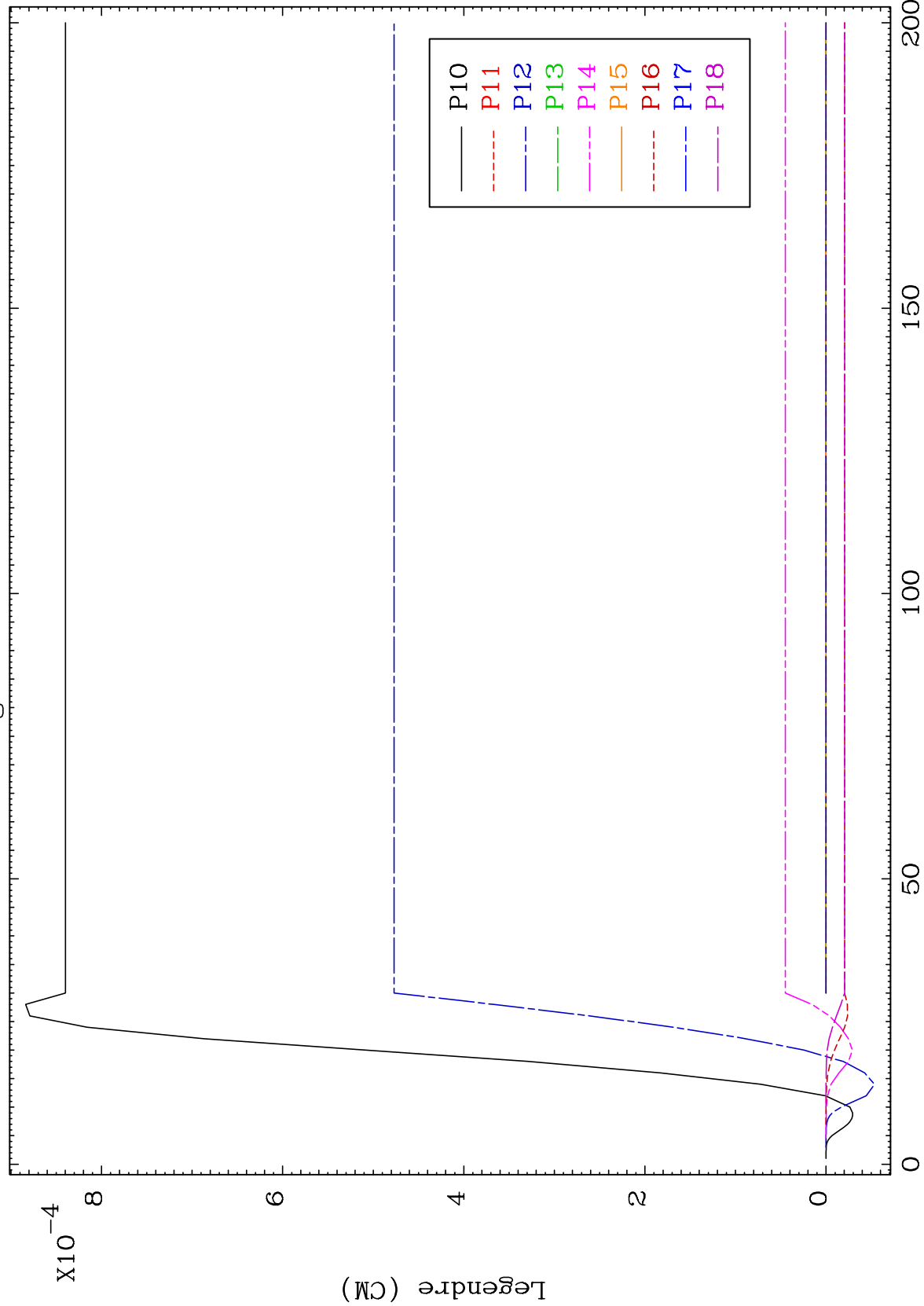




MAT 6898

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

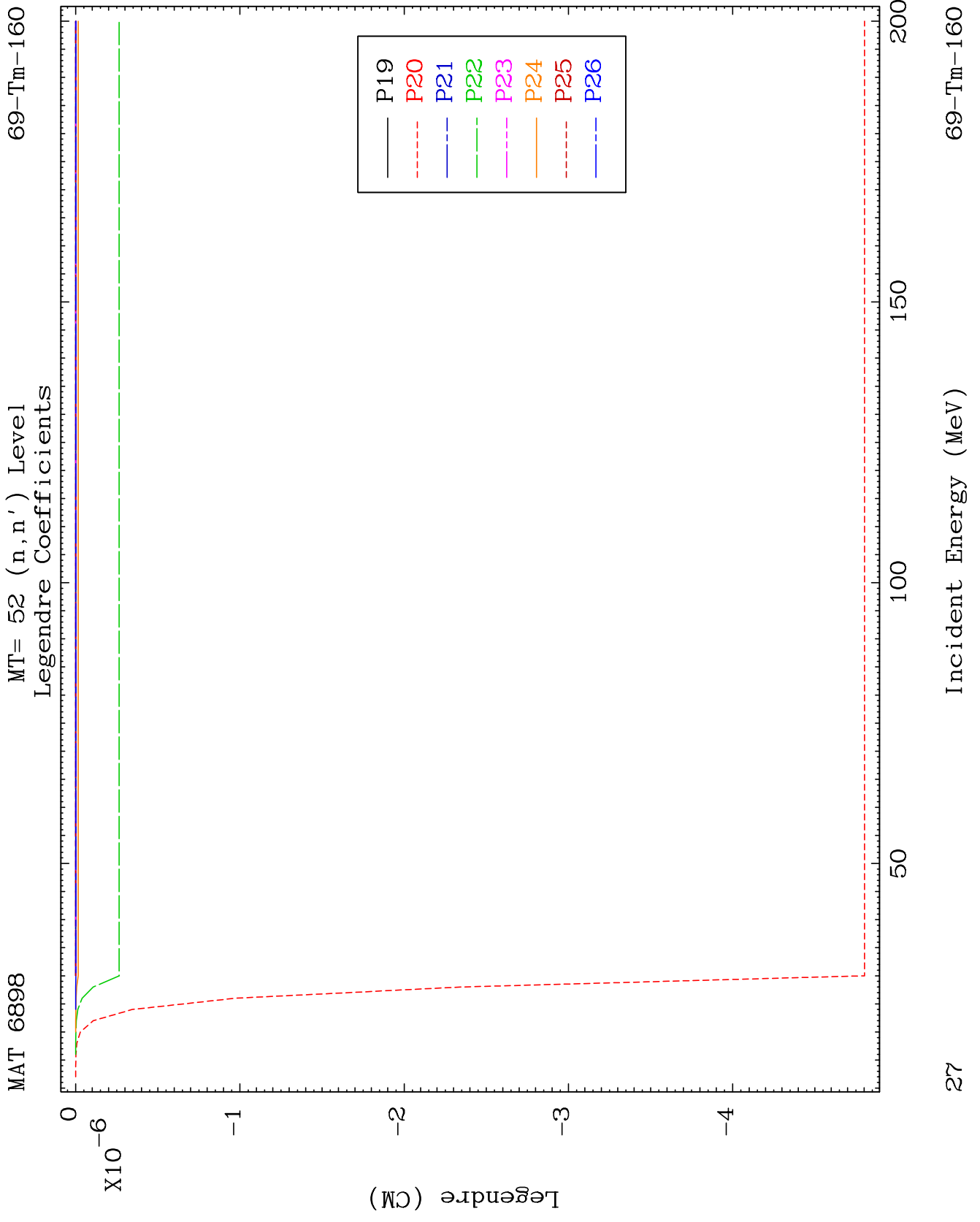
69-Tm-160

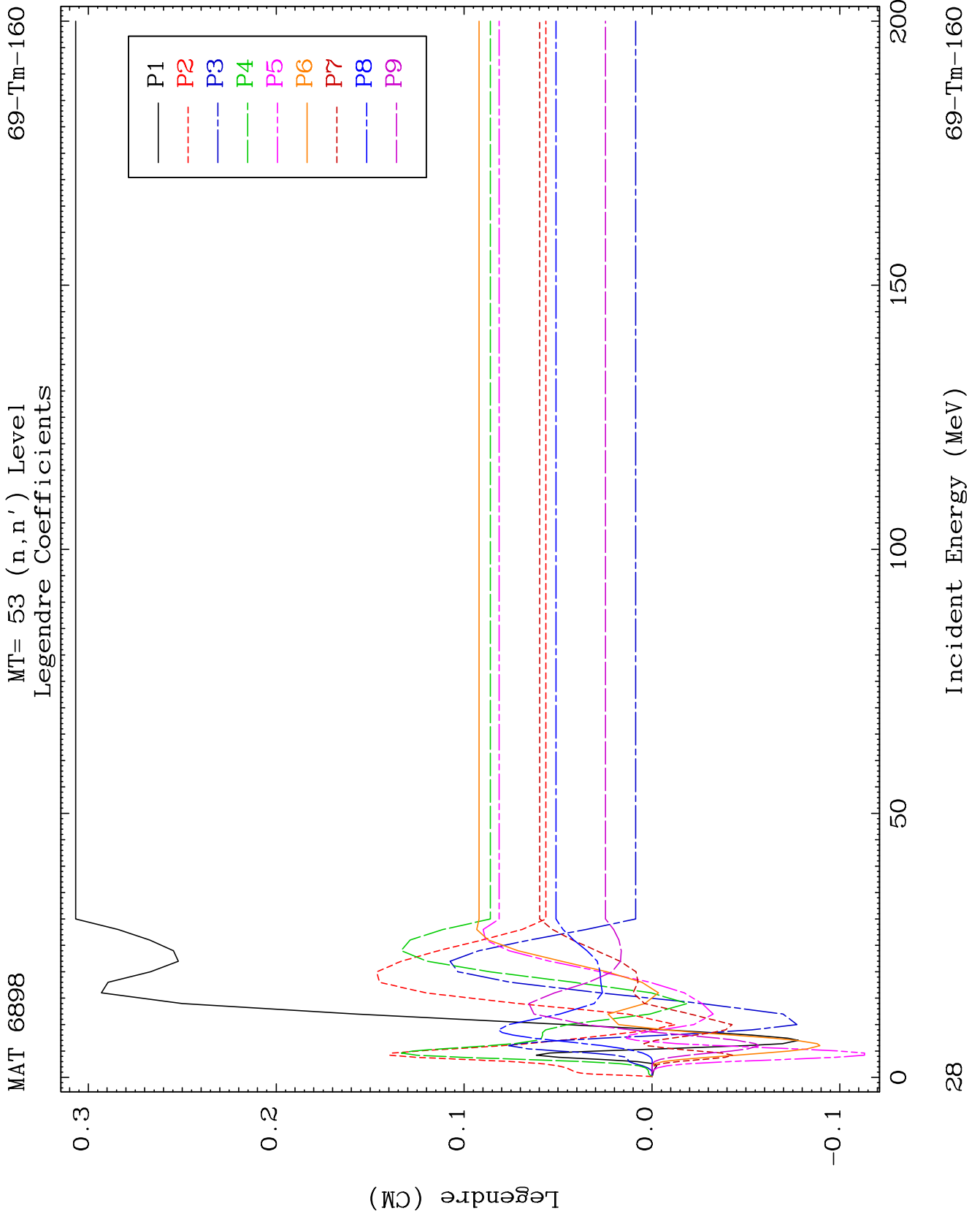


26

Incident Energy (MeV)

69-Tm-160

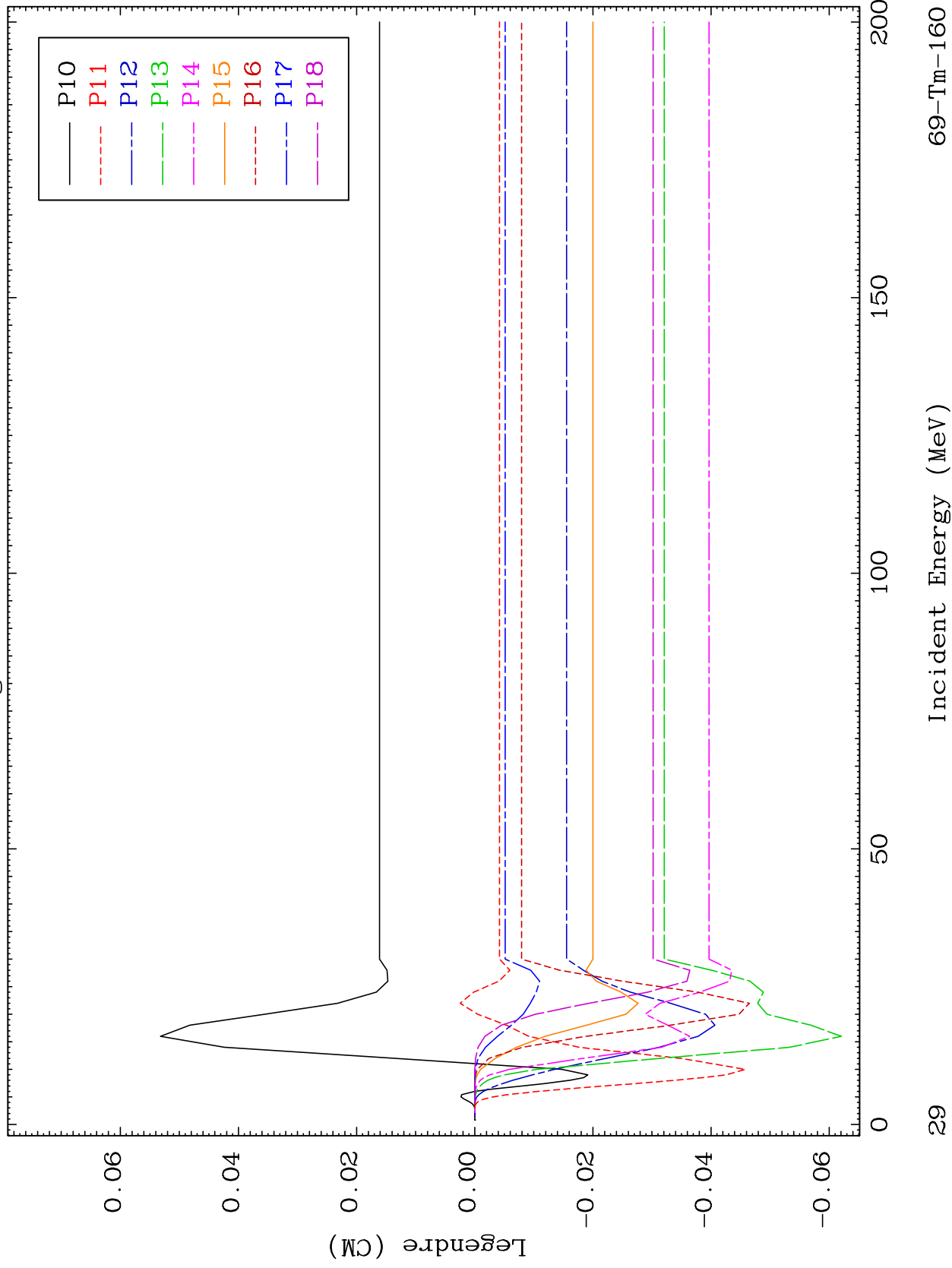




MAT 6898

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

69-Tm-160



29

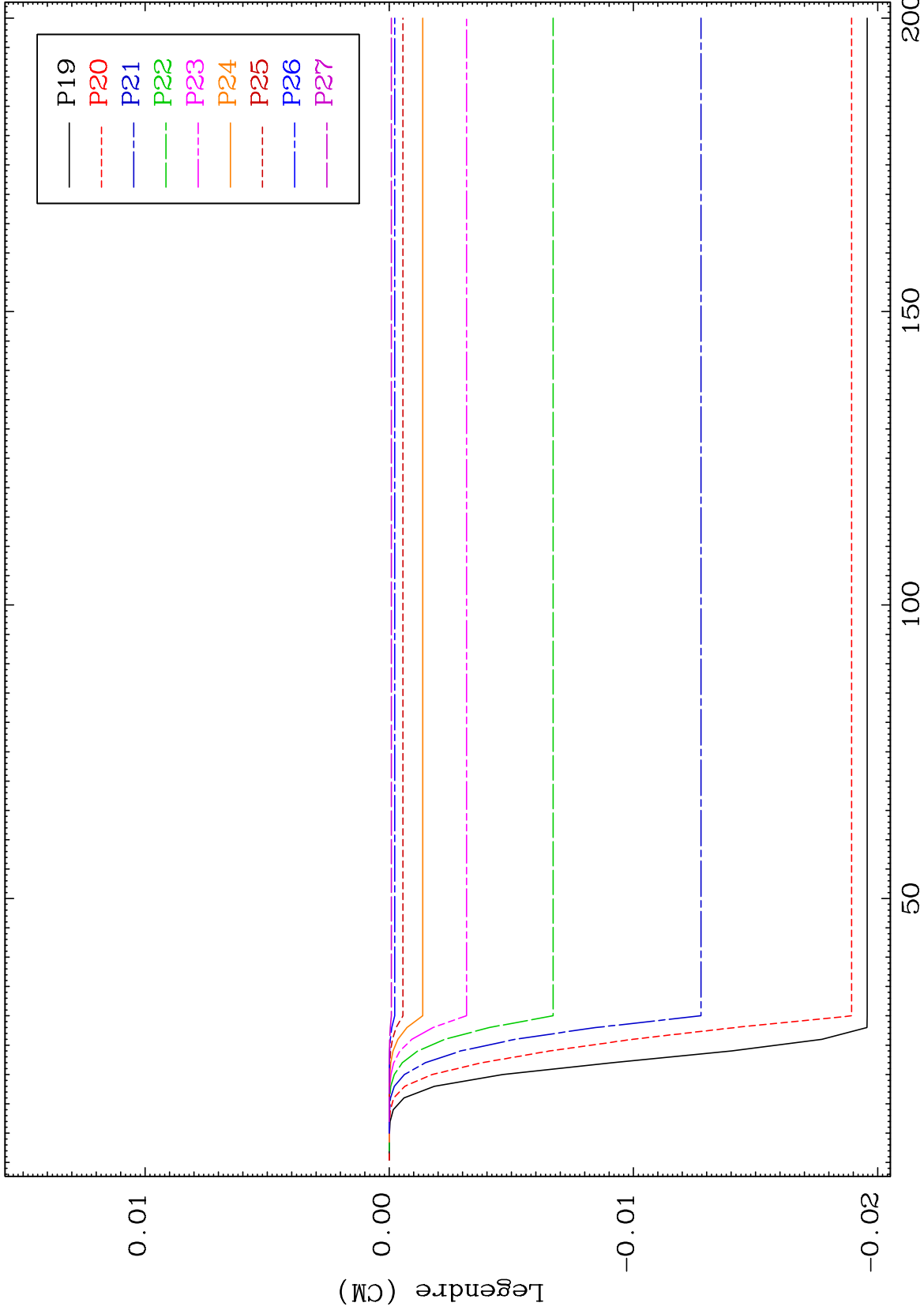
Incident Energy (MeV)

69-Tm-160

MAT 6898

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

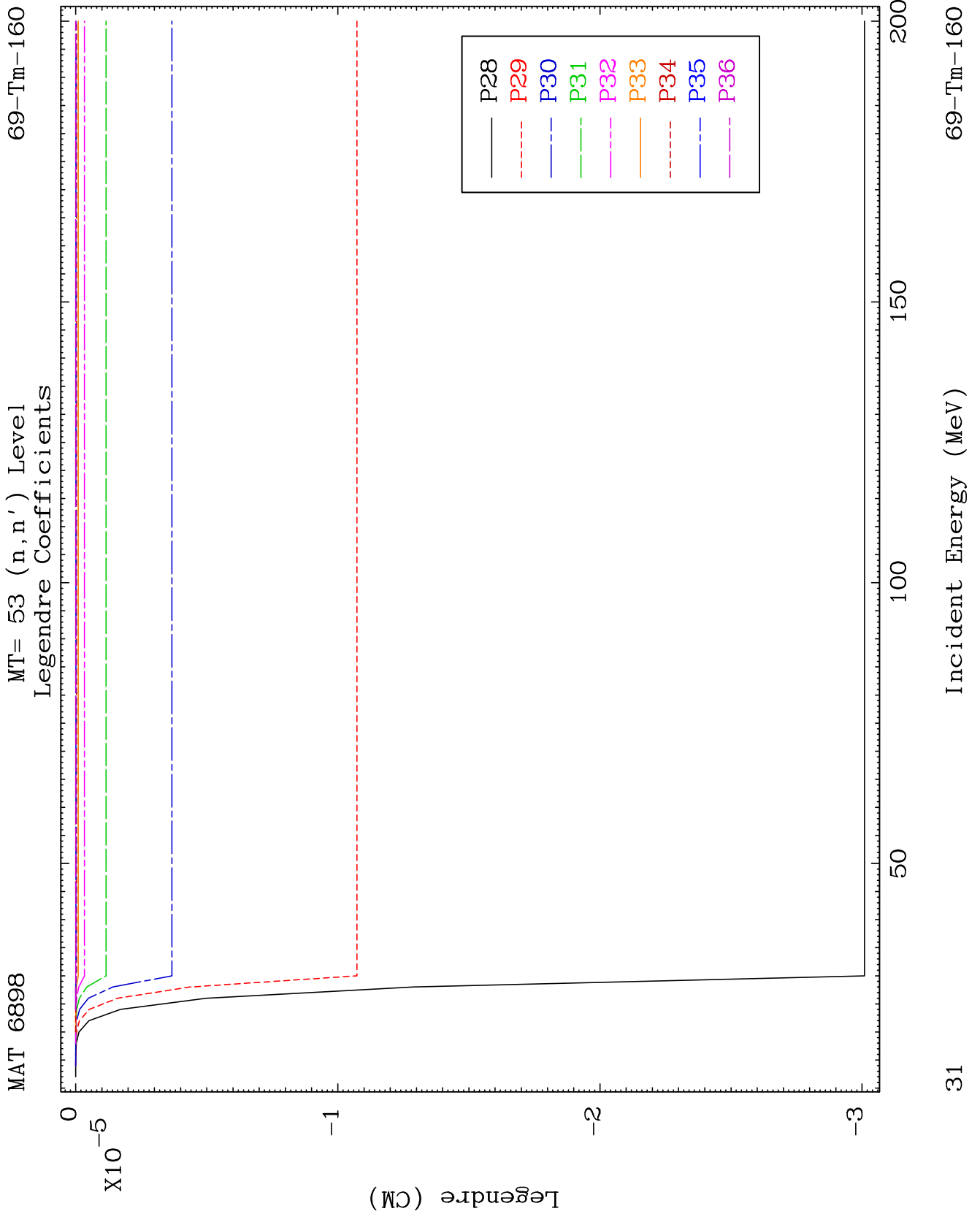
69-Tm-160



30

Incident Energy (MeV)

69-Tm-160

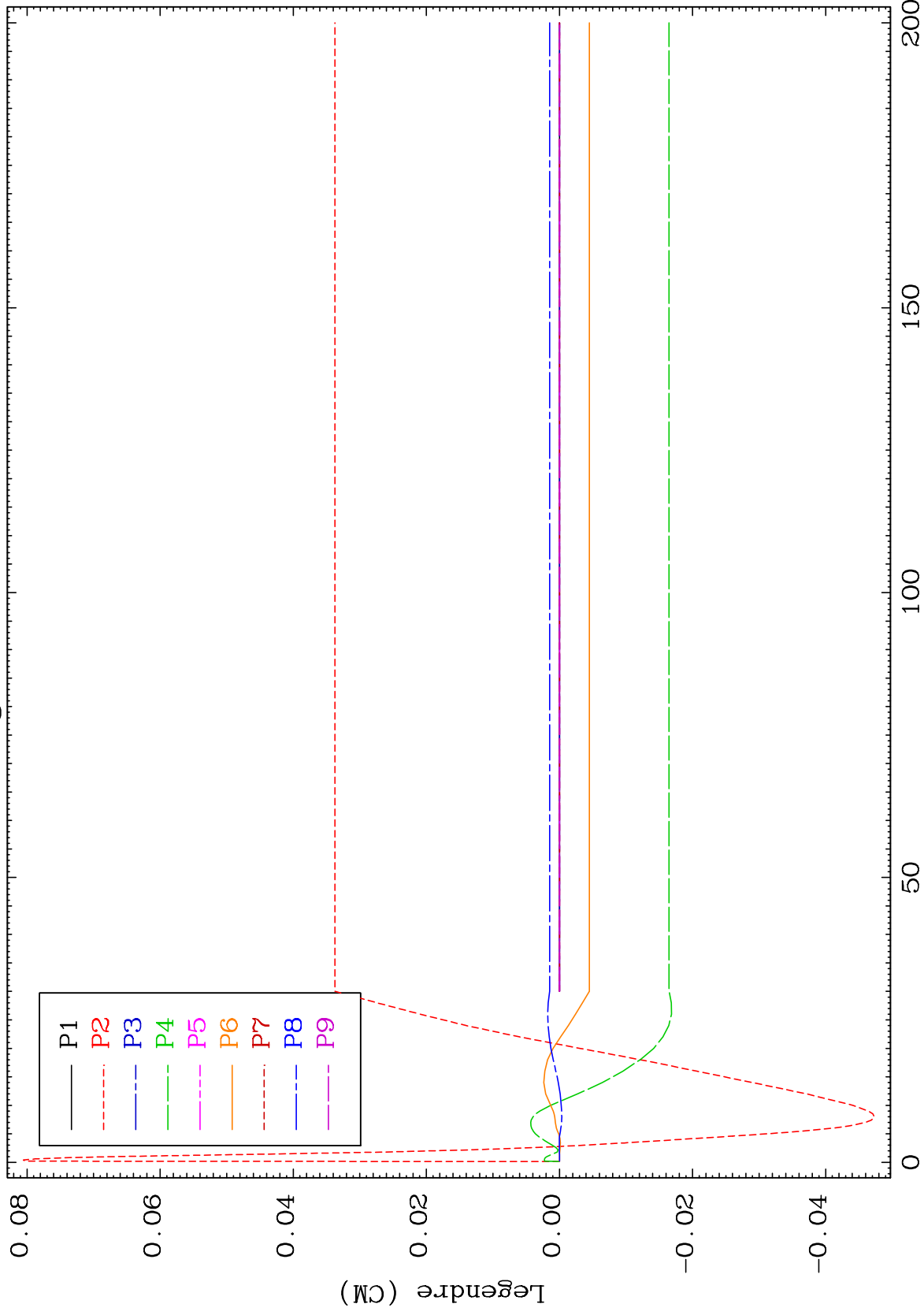




MAT 6898

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

69-Tm-160



32

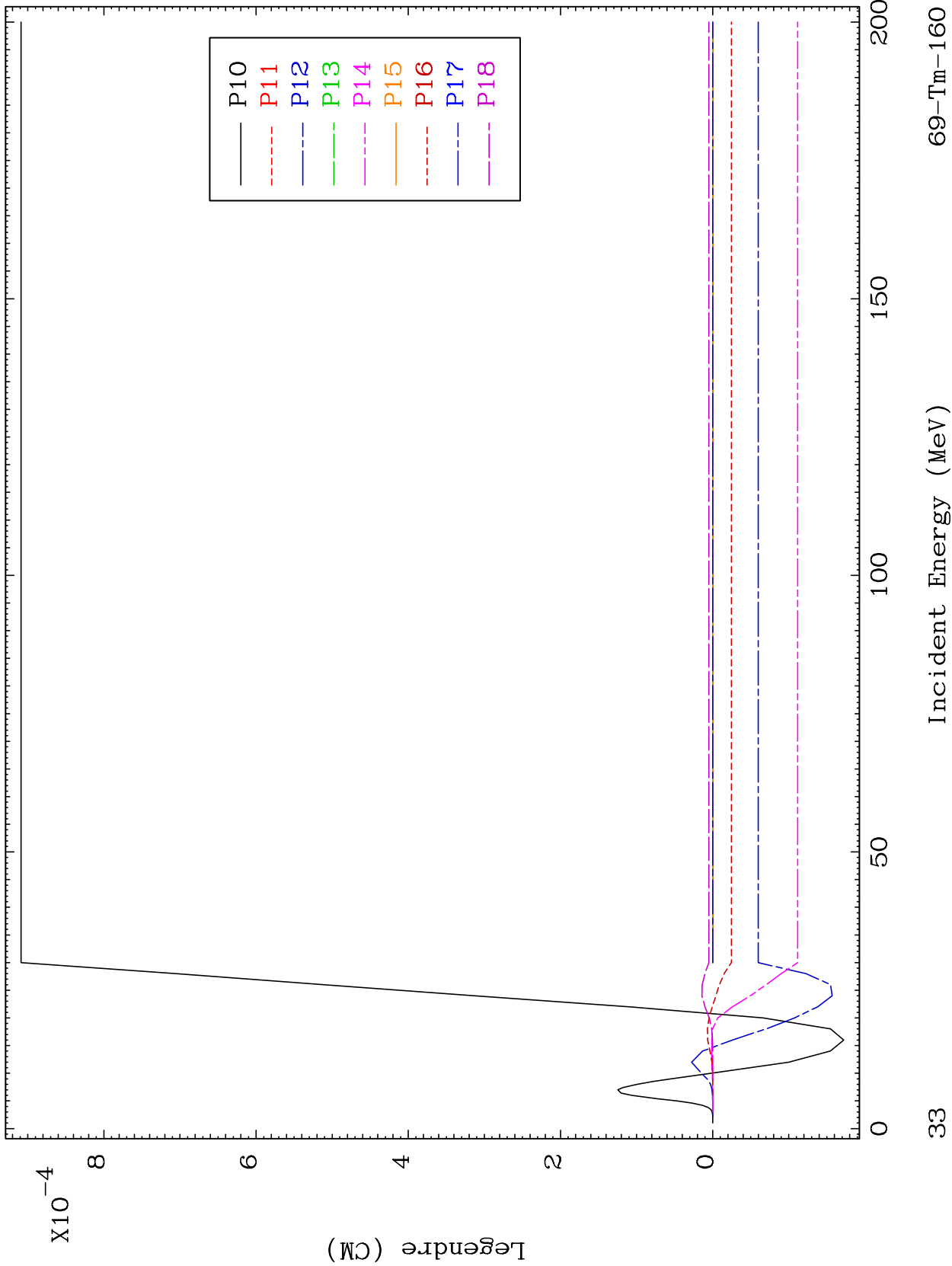
Incident Energy (MeV)

69-Tm-160

MAT 6898

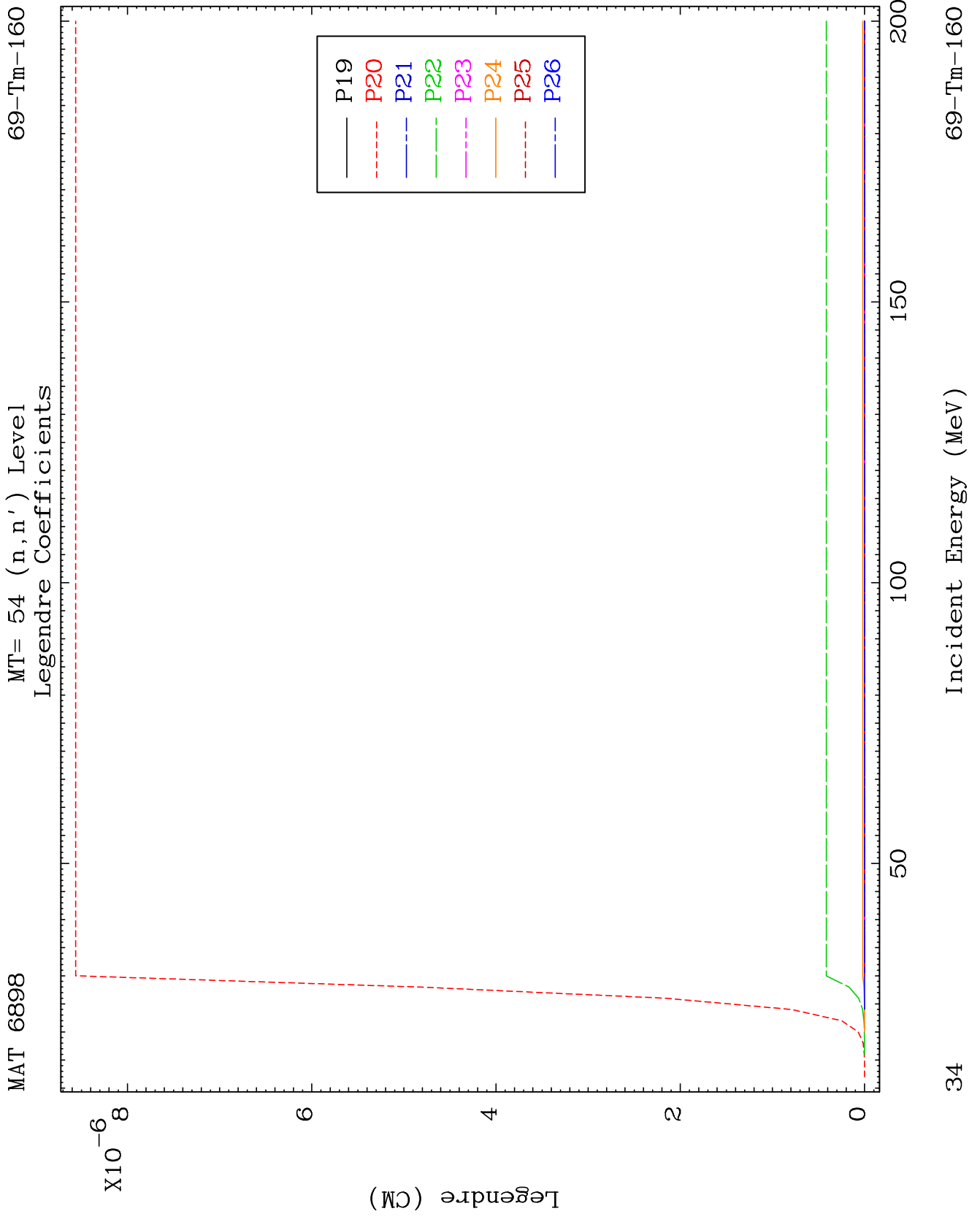
MT= 54 (n,n') Level  
Legendre Coefficients

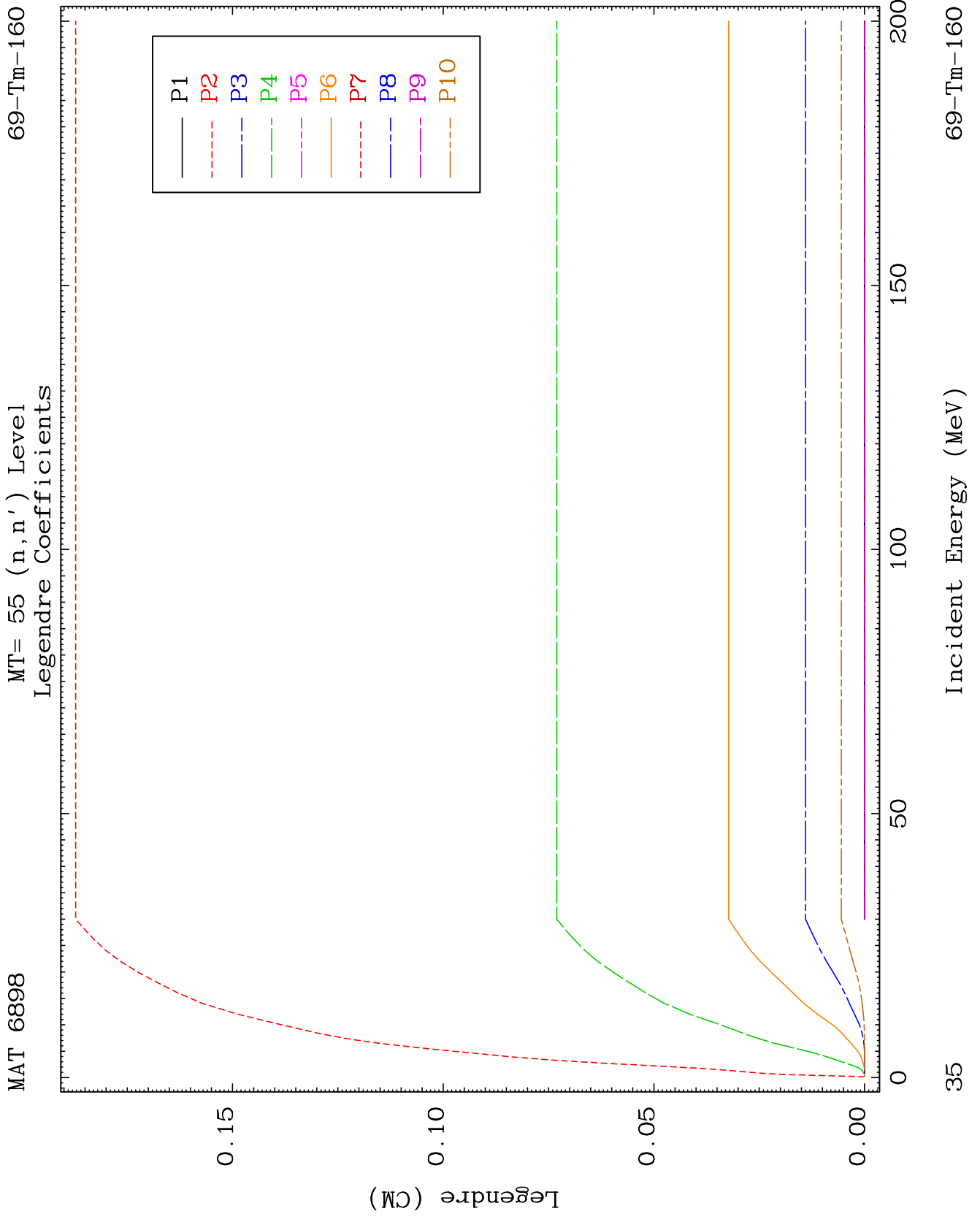
69-Tm-160



33

69-Tm-160

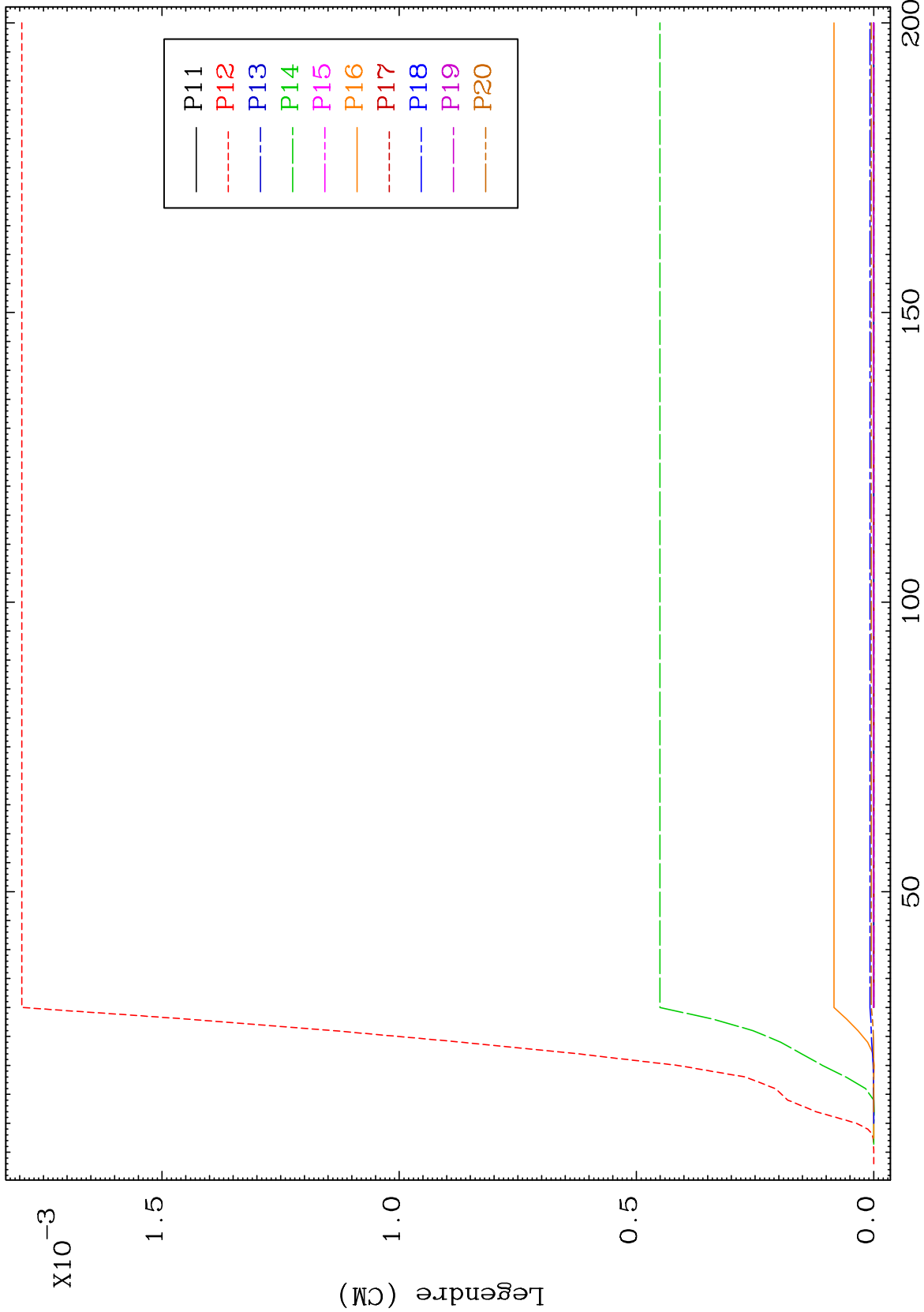




MAT 6898

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

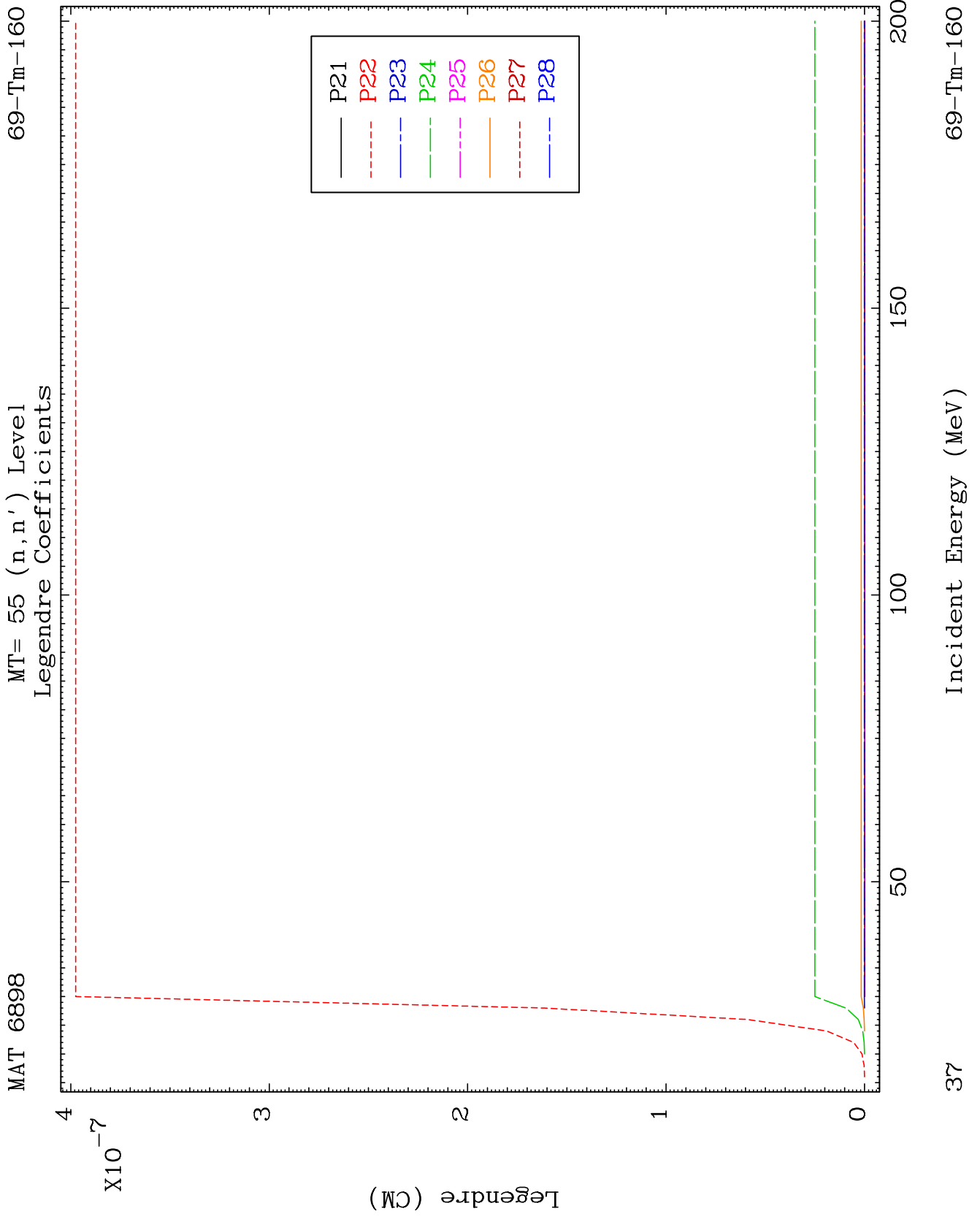
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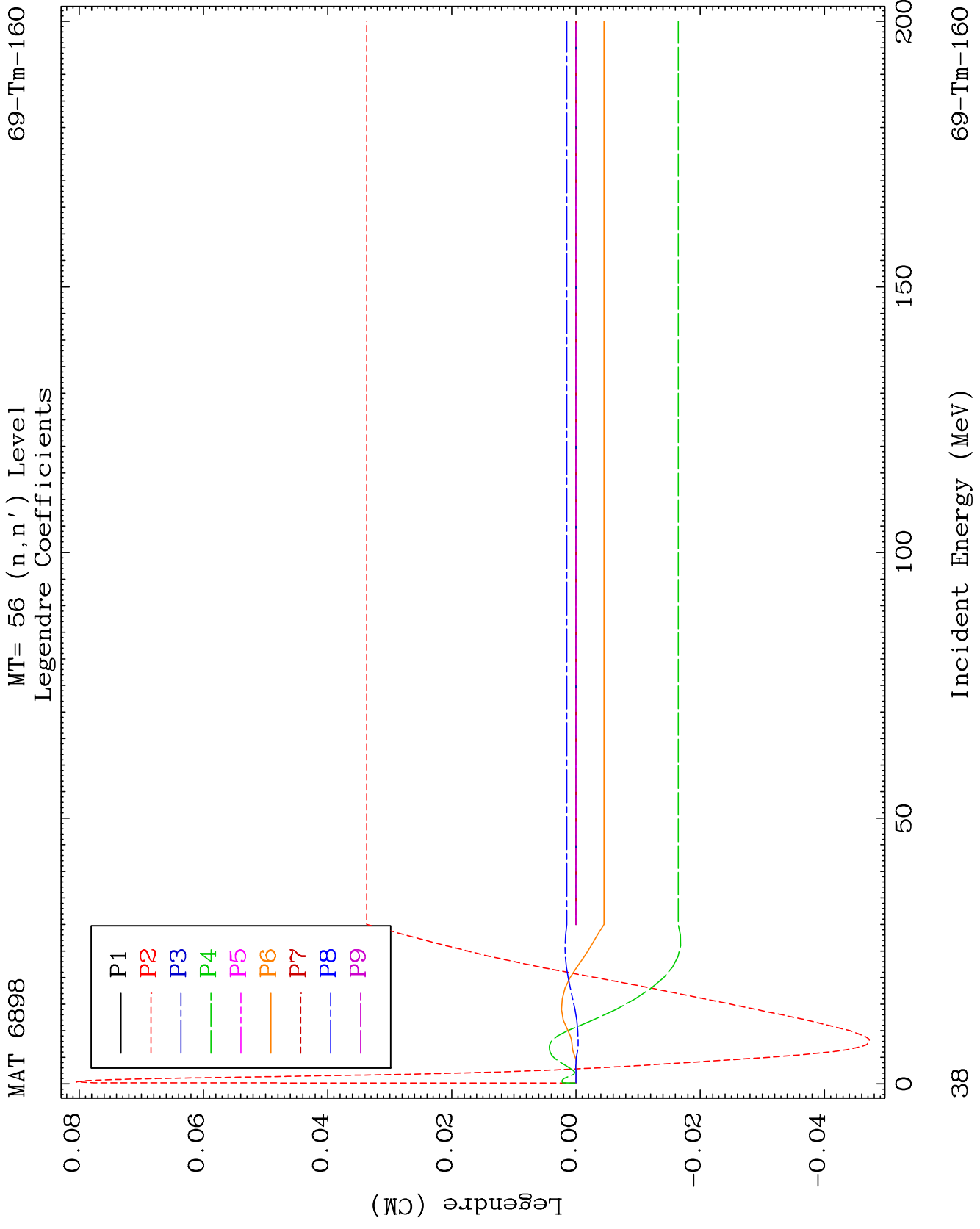


36

Incident Energy (MeV)

69-Tm-160

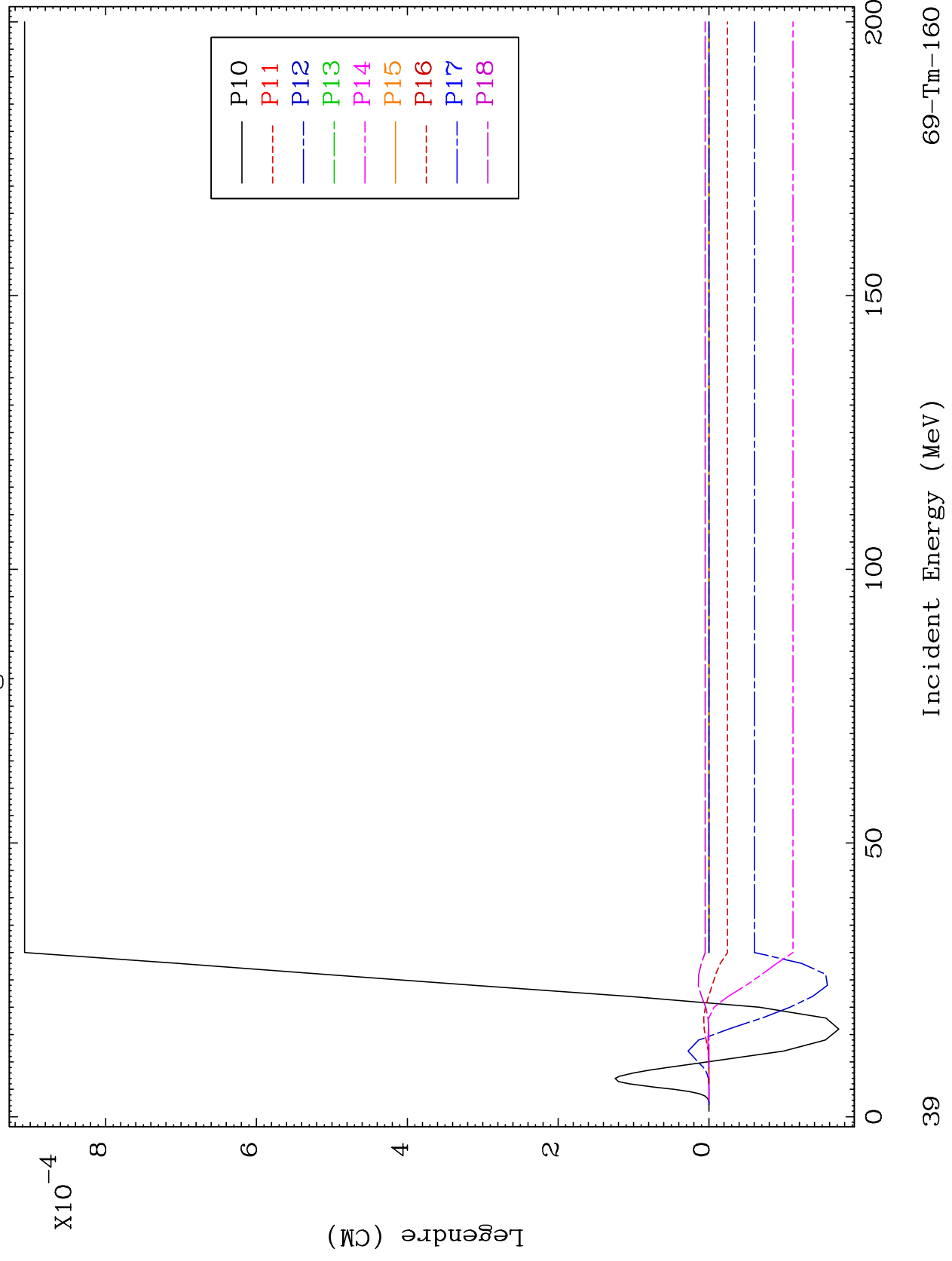




MAT 6898

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

69-Tm-160



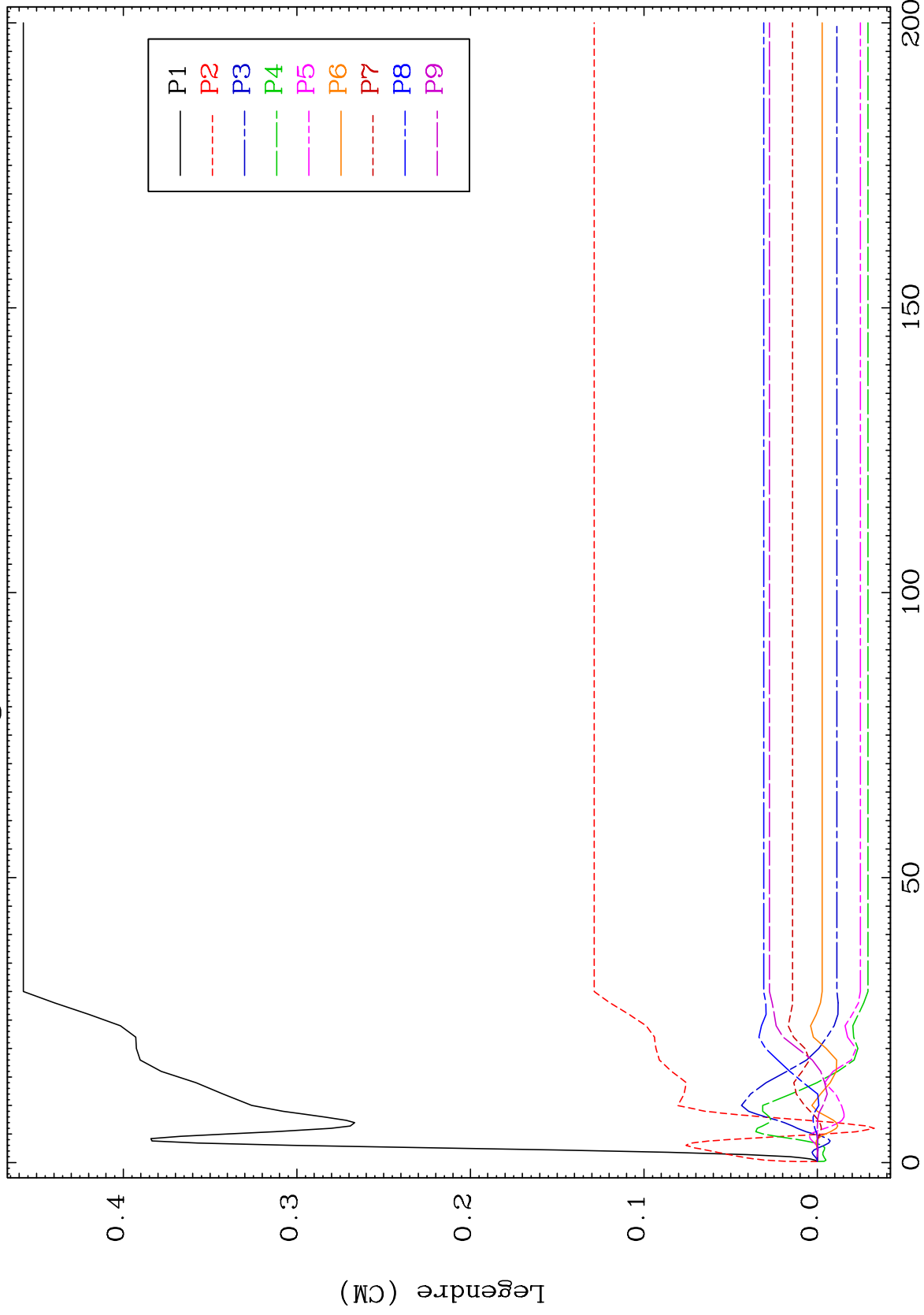




MAT 6898

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

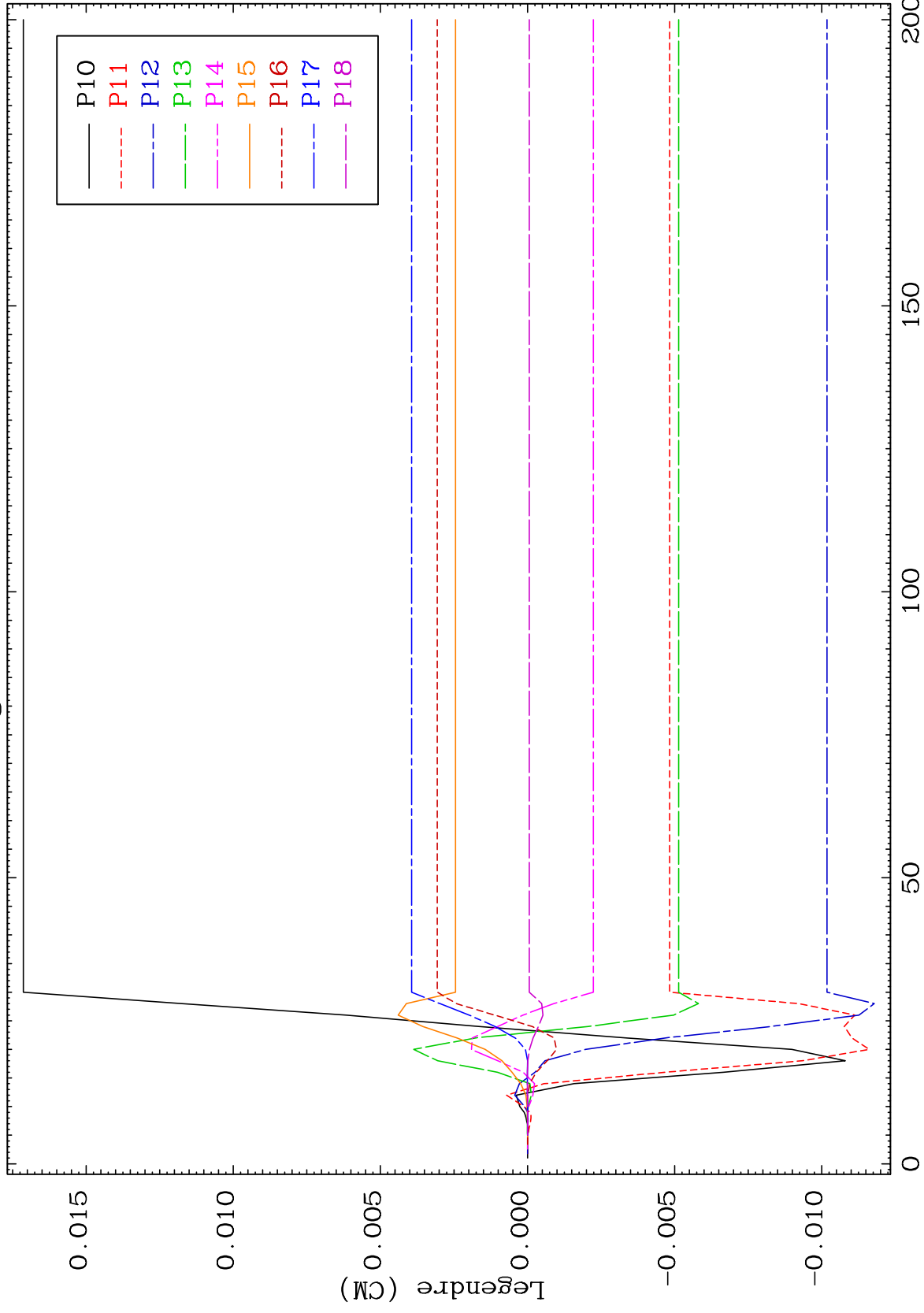
69-Tm-160



MAT 6898

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

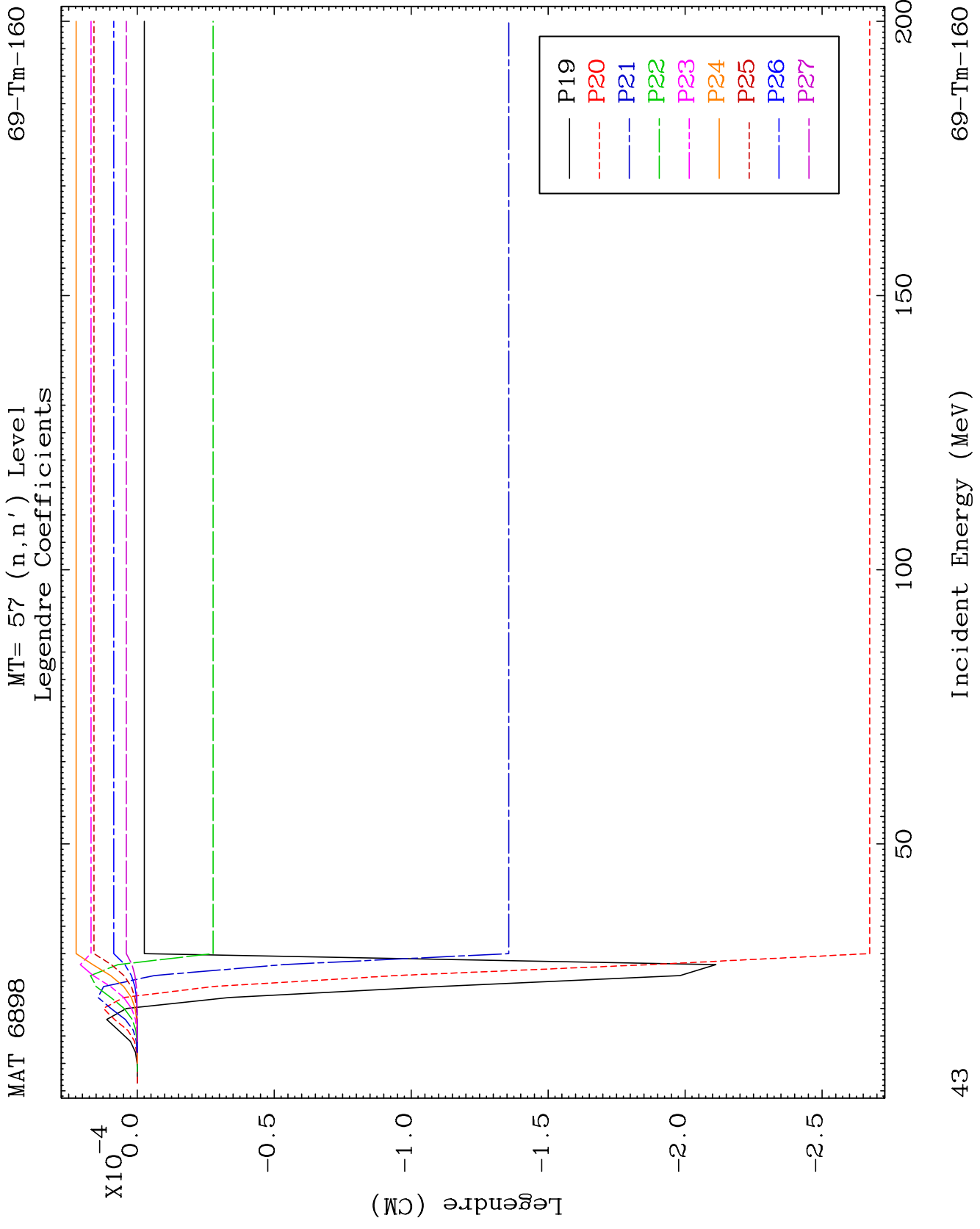
69-Tm-160



42

Incident Energy (MeV)

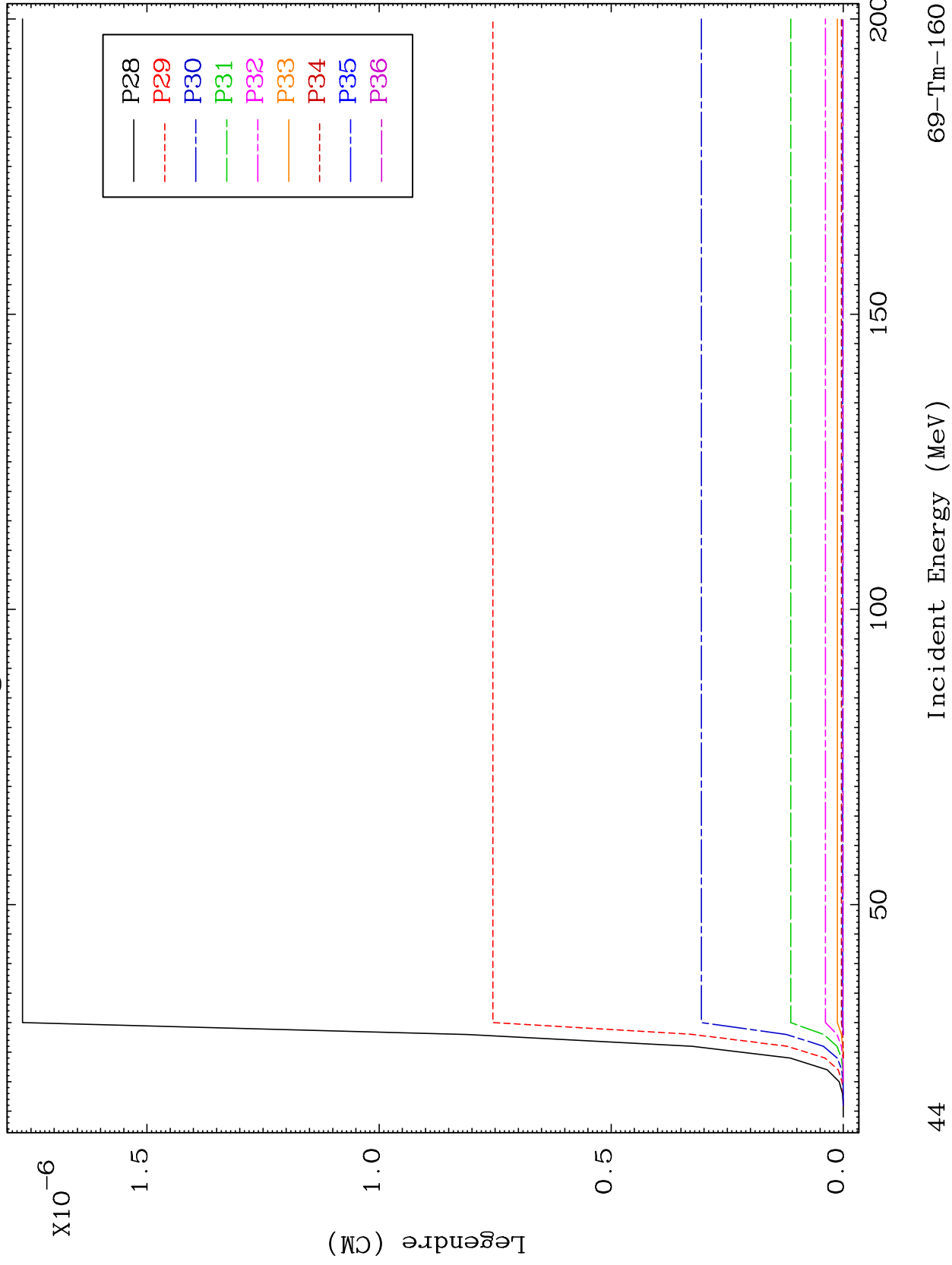
69-Tm-160



MAT 6898

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

69-Tm-160



44

Incident Energy (MeV)

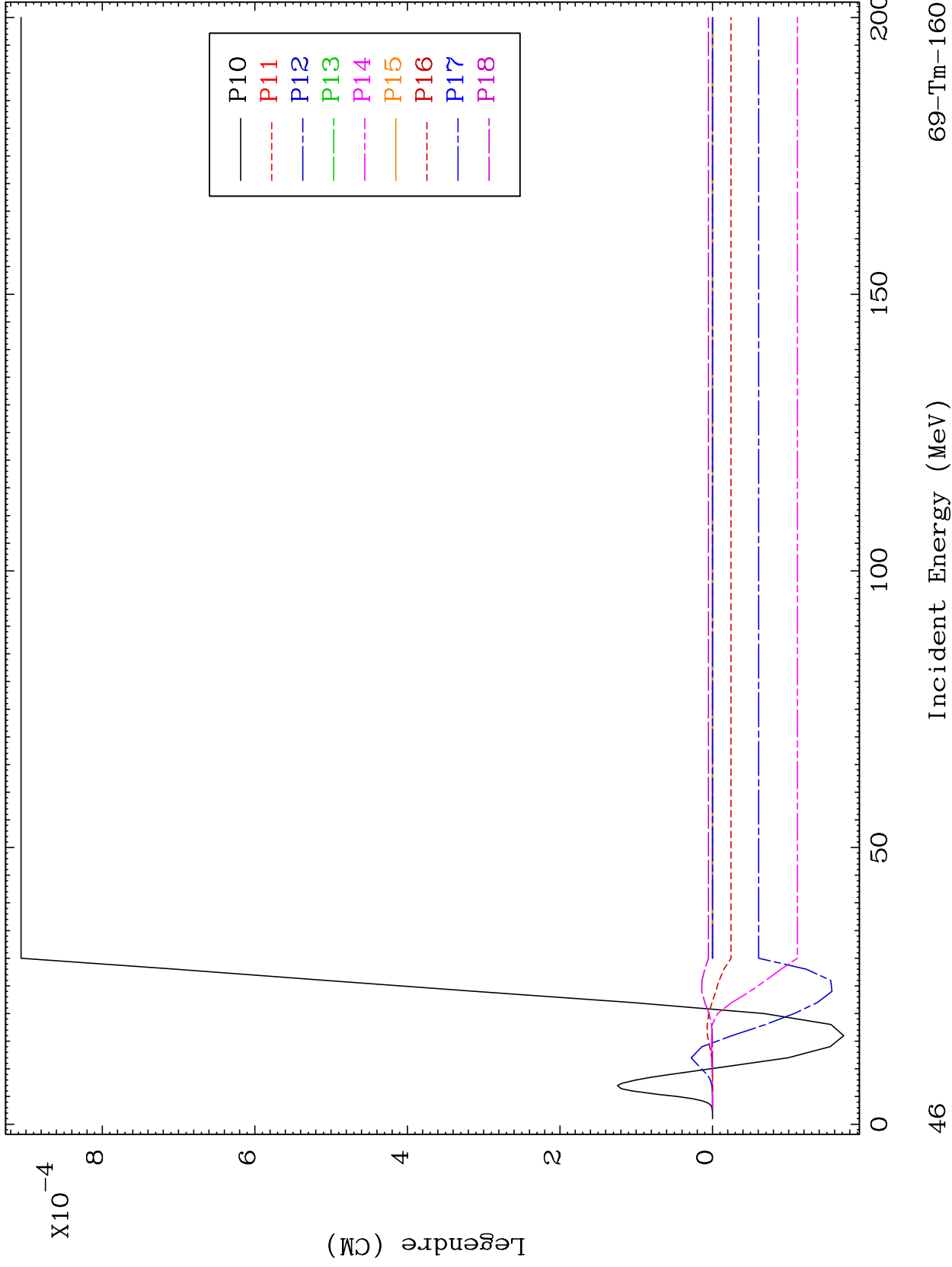
69-Tm-160



MAT 6898

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

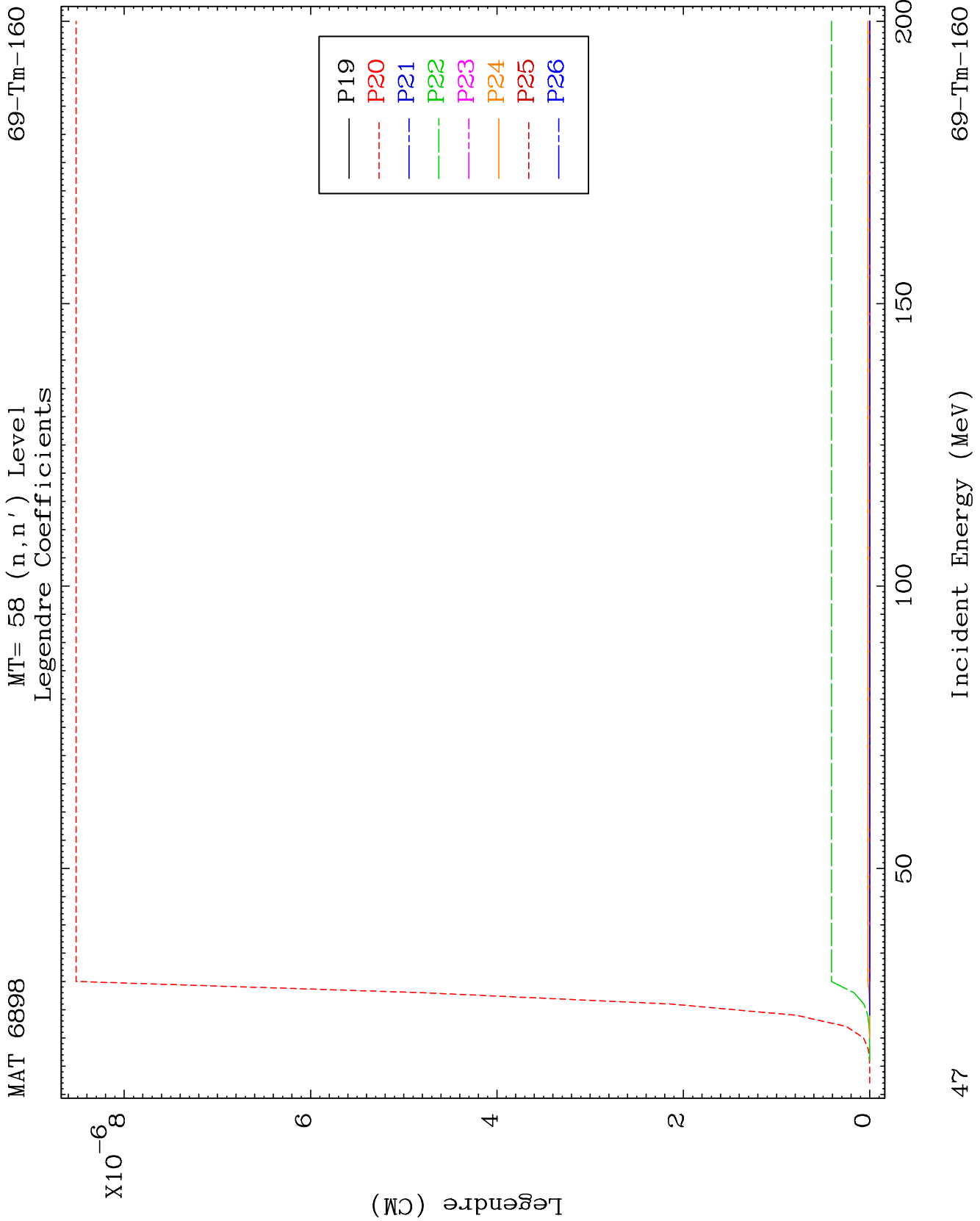
69-Tm-160



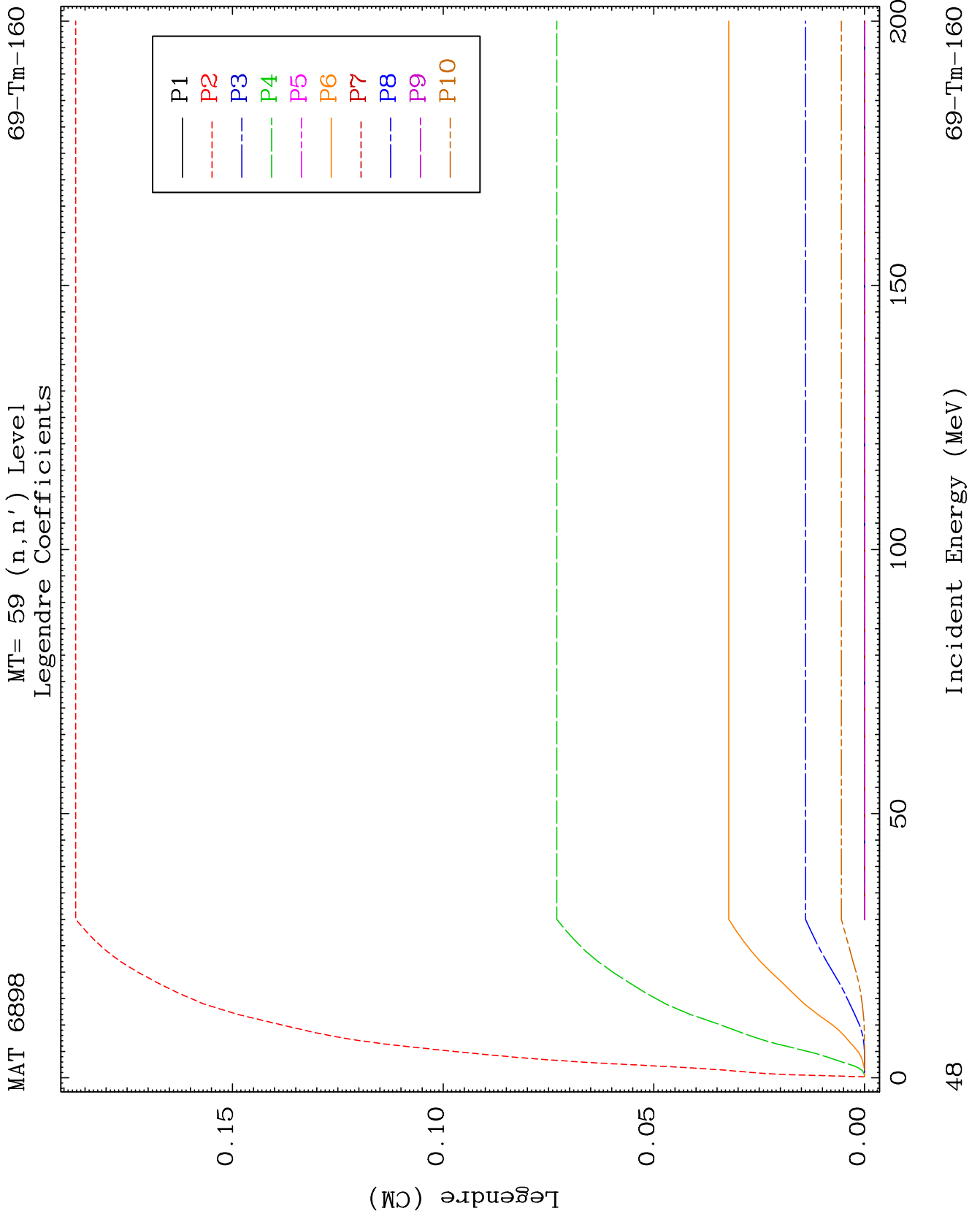
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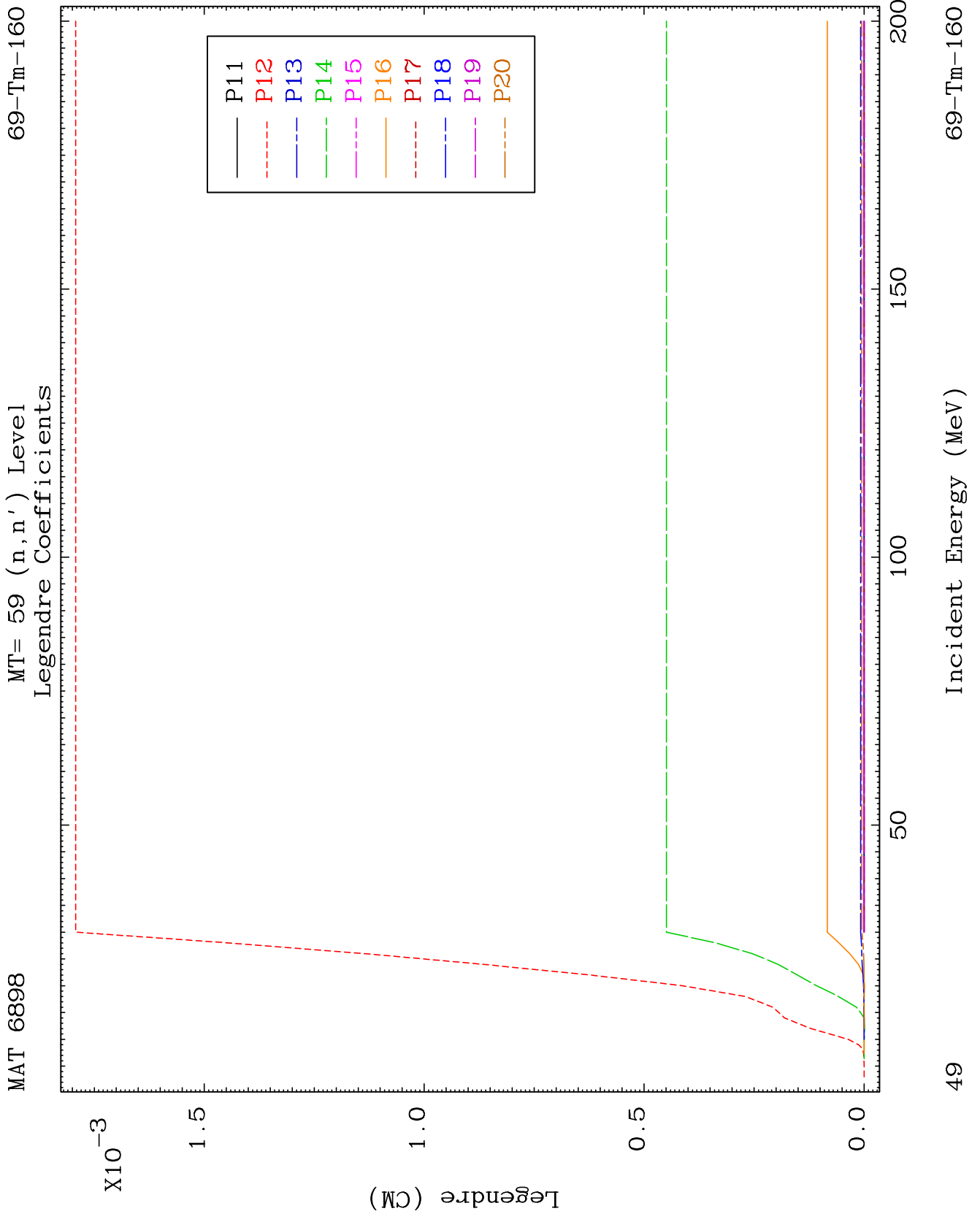
Incident Energy (MeV)

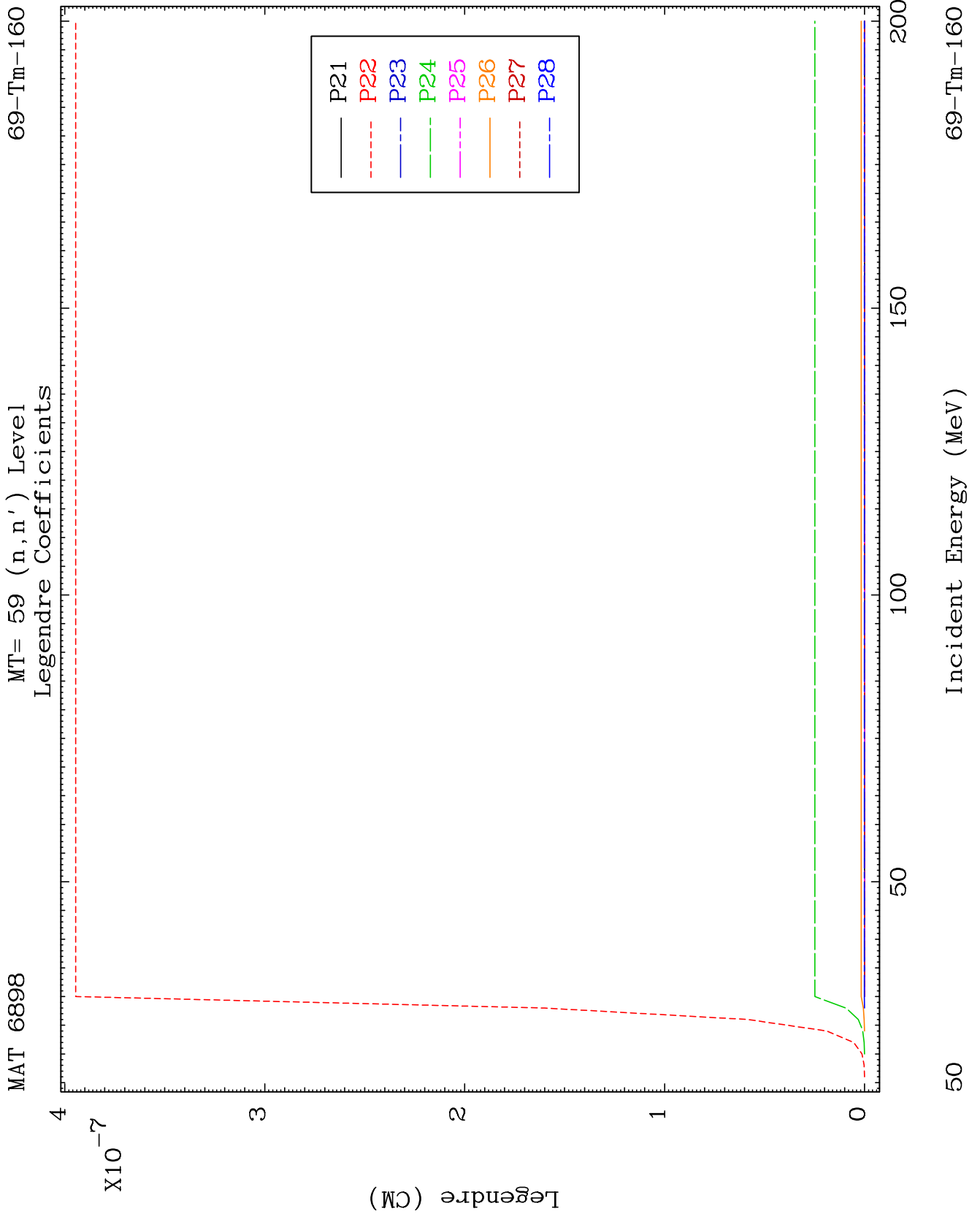
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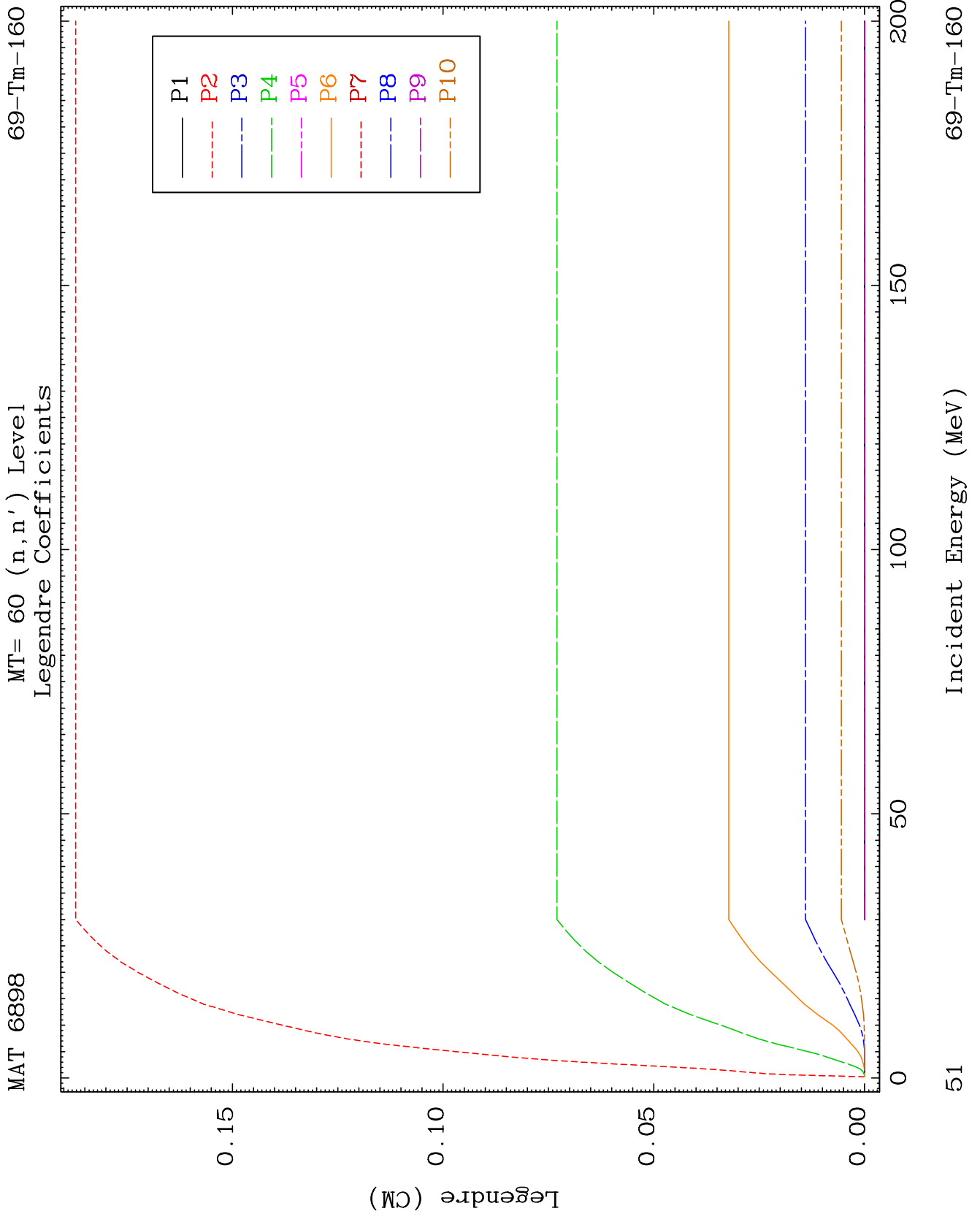


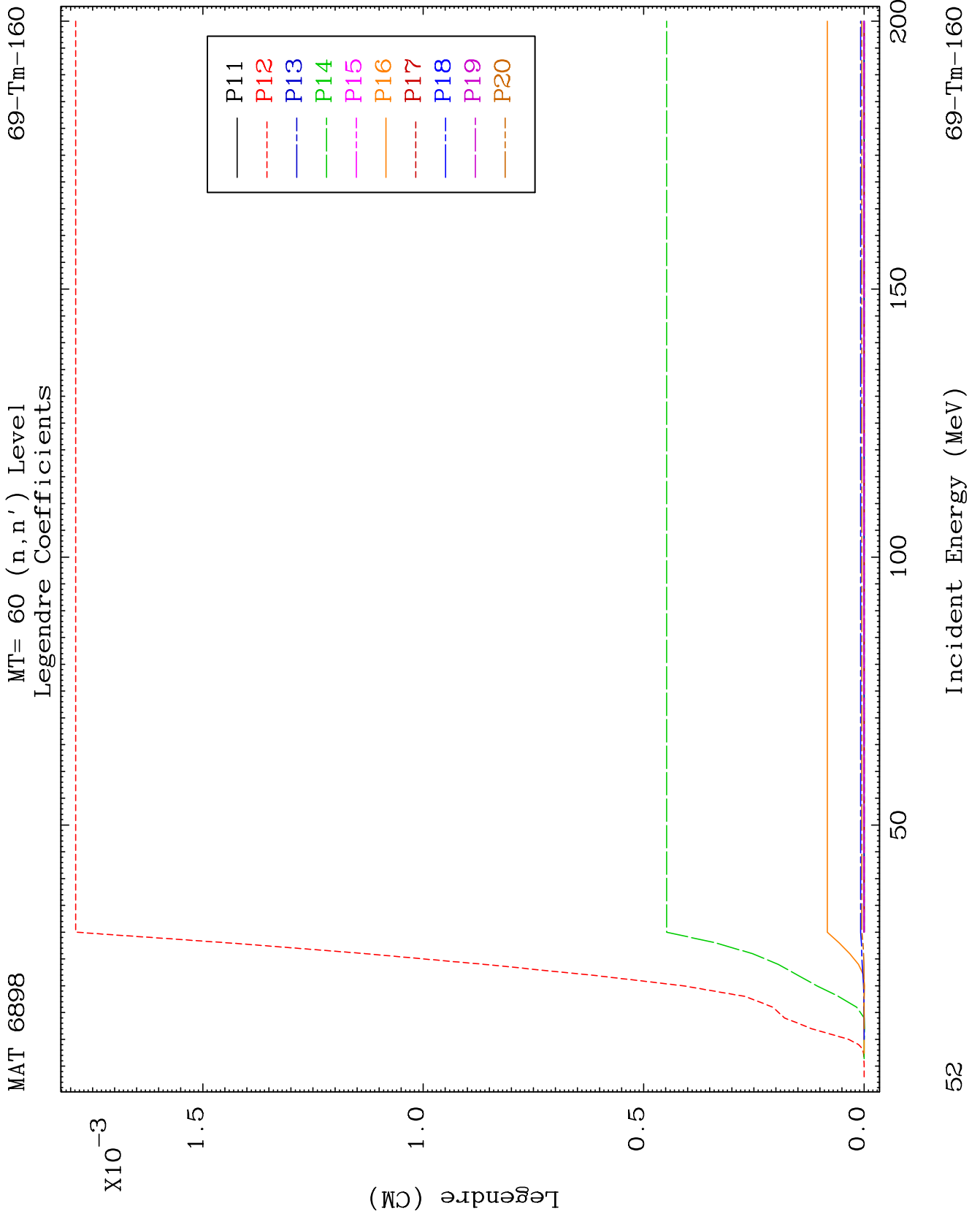


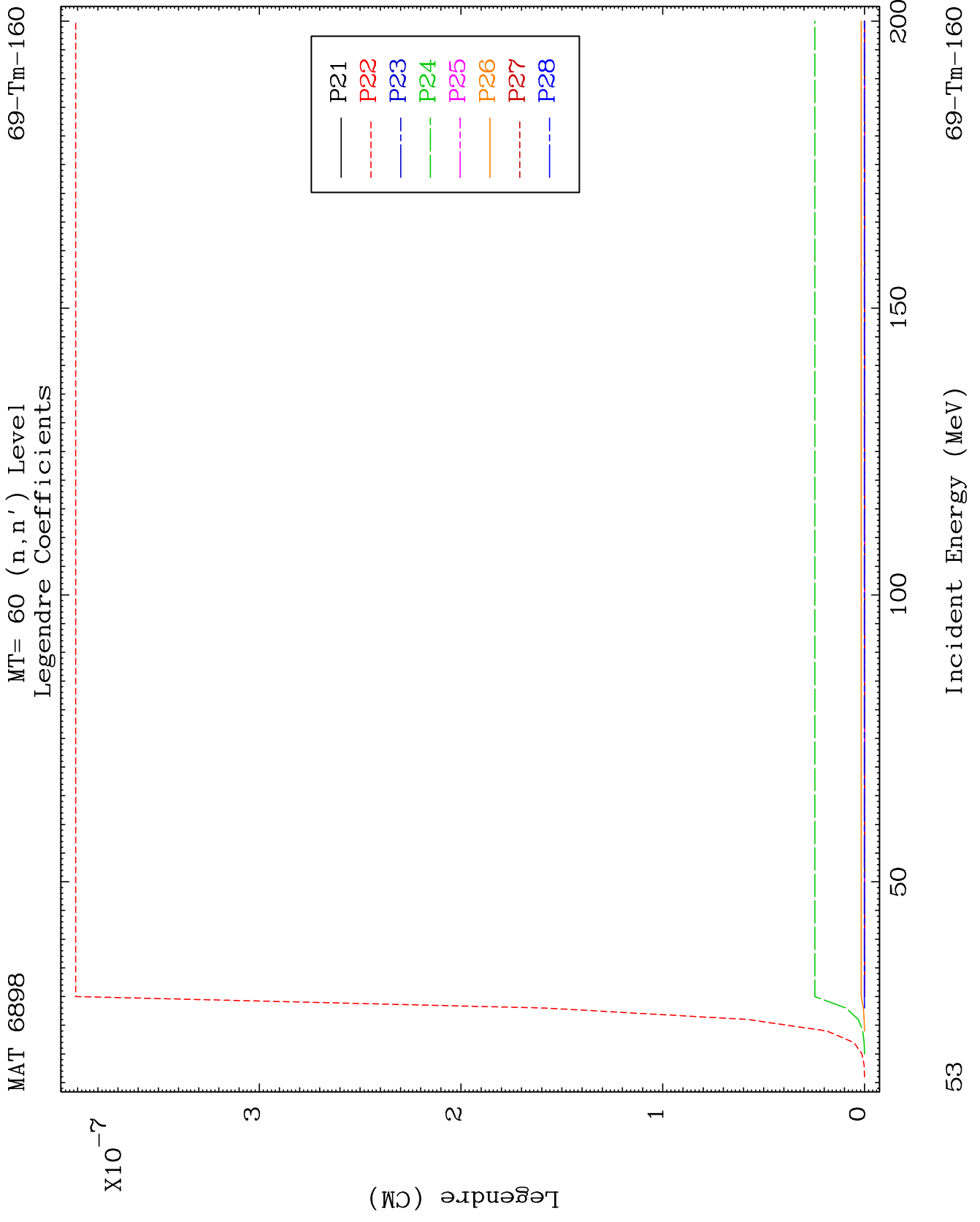








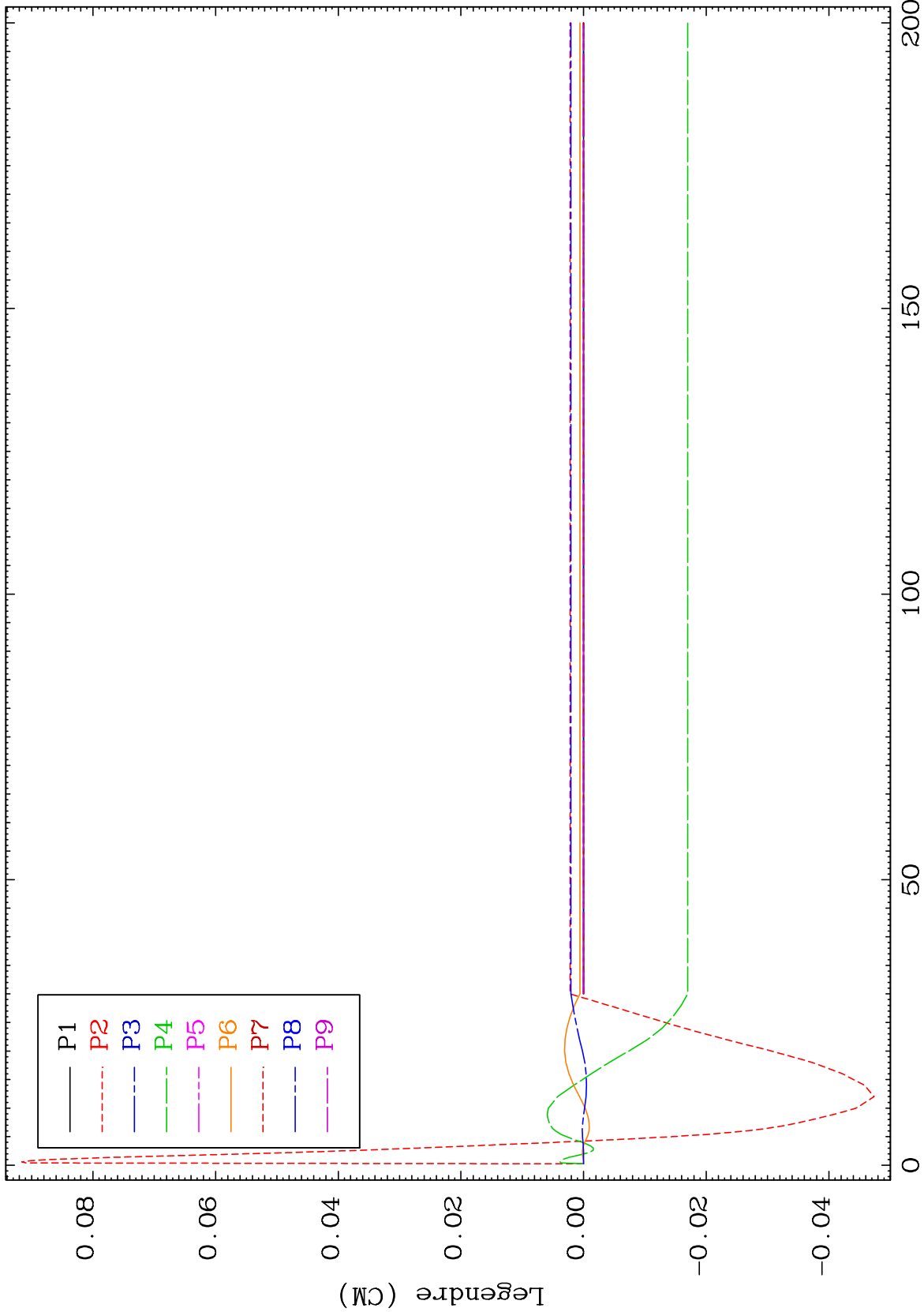




MAT 6898

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

69-Tm-160



54

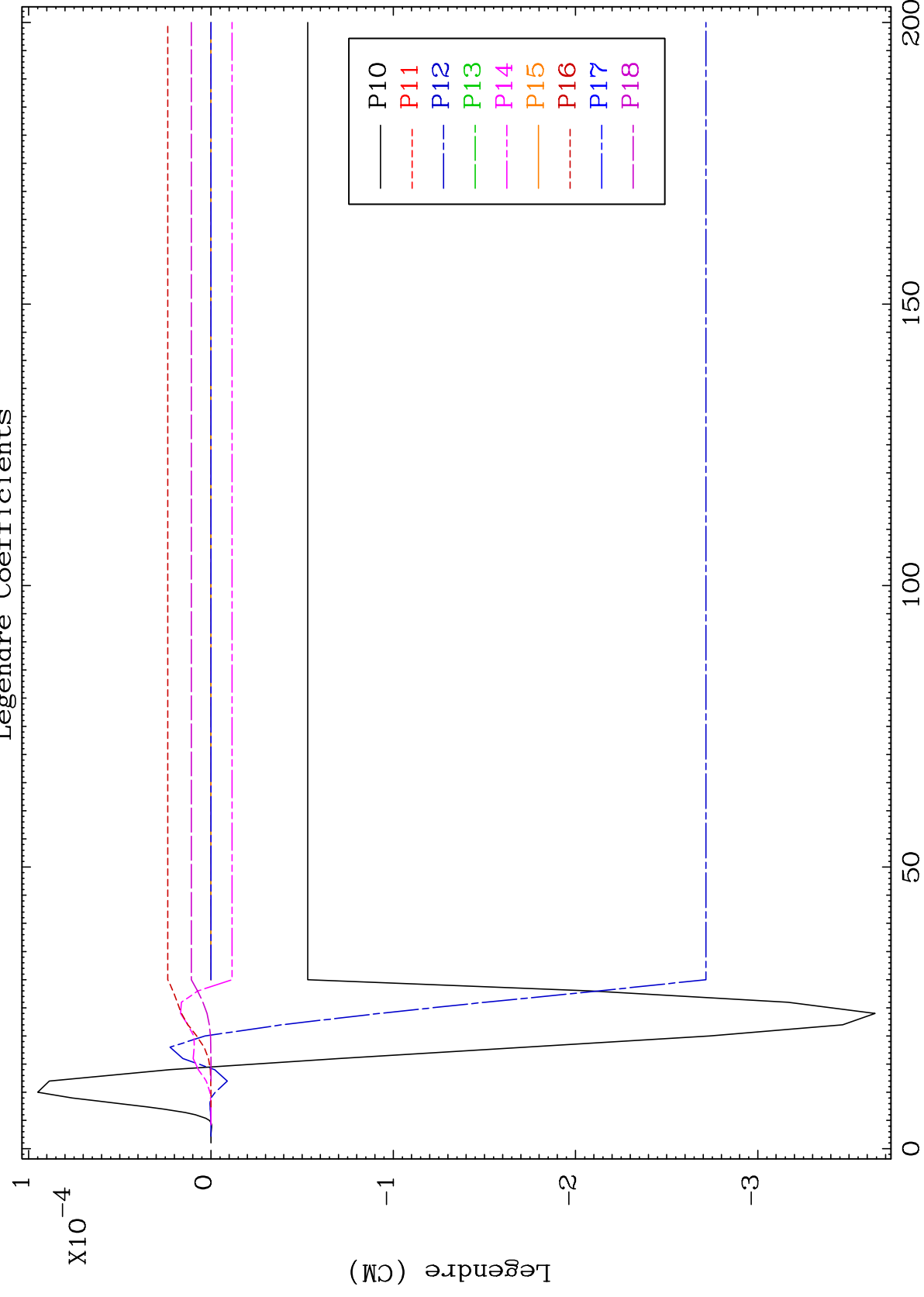
Incident Energy (MeV)

69-Tm-160

MAT 6898

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

69-Tm-160



55

Incident Energy (MeV)

69-Tm-160

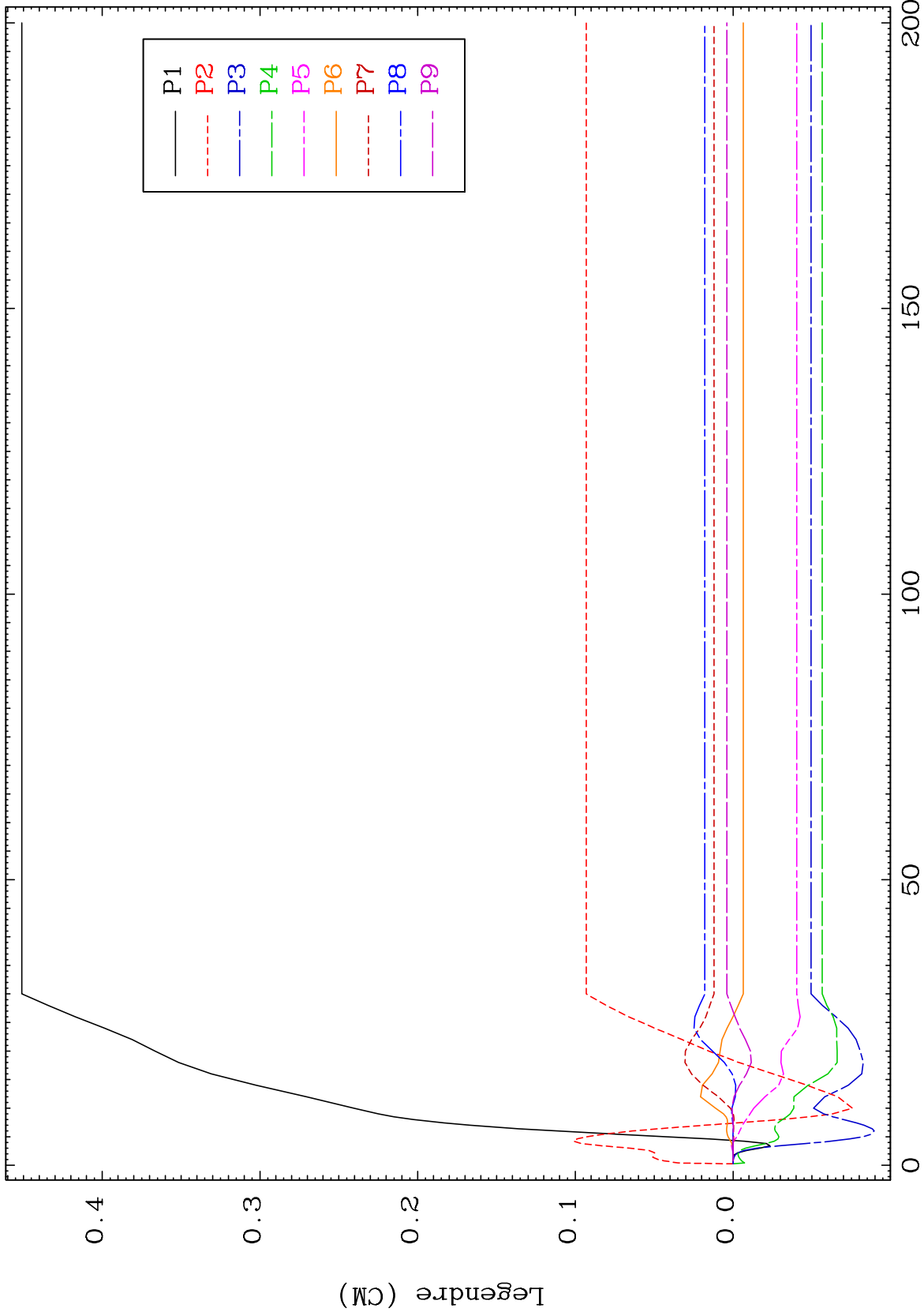




MAT 6898

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

69-Tm-160



57

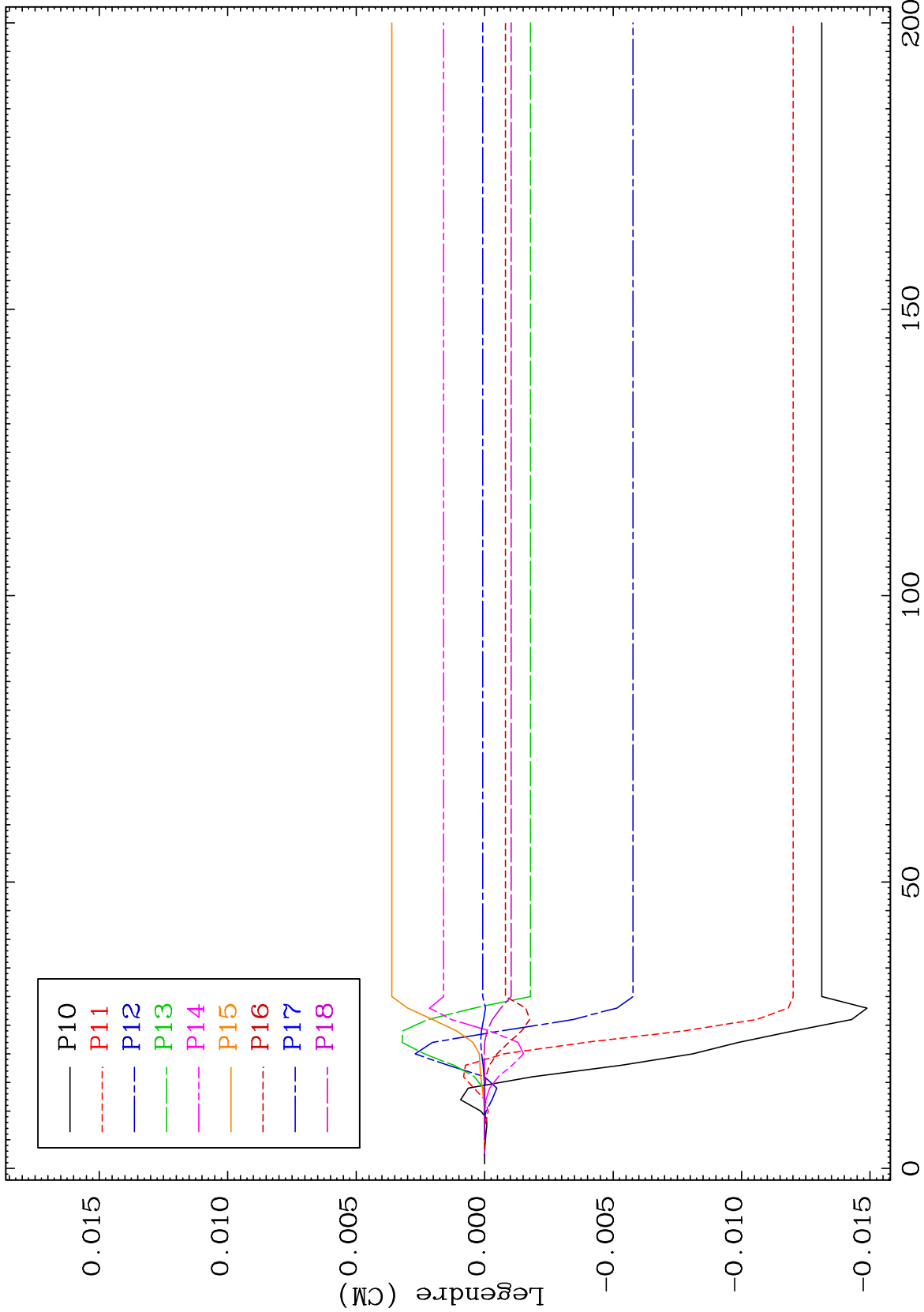
Incident Energy (MeV)

69-Tm-160

MAT 6898

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

69-Tm-160



58

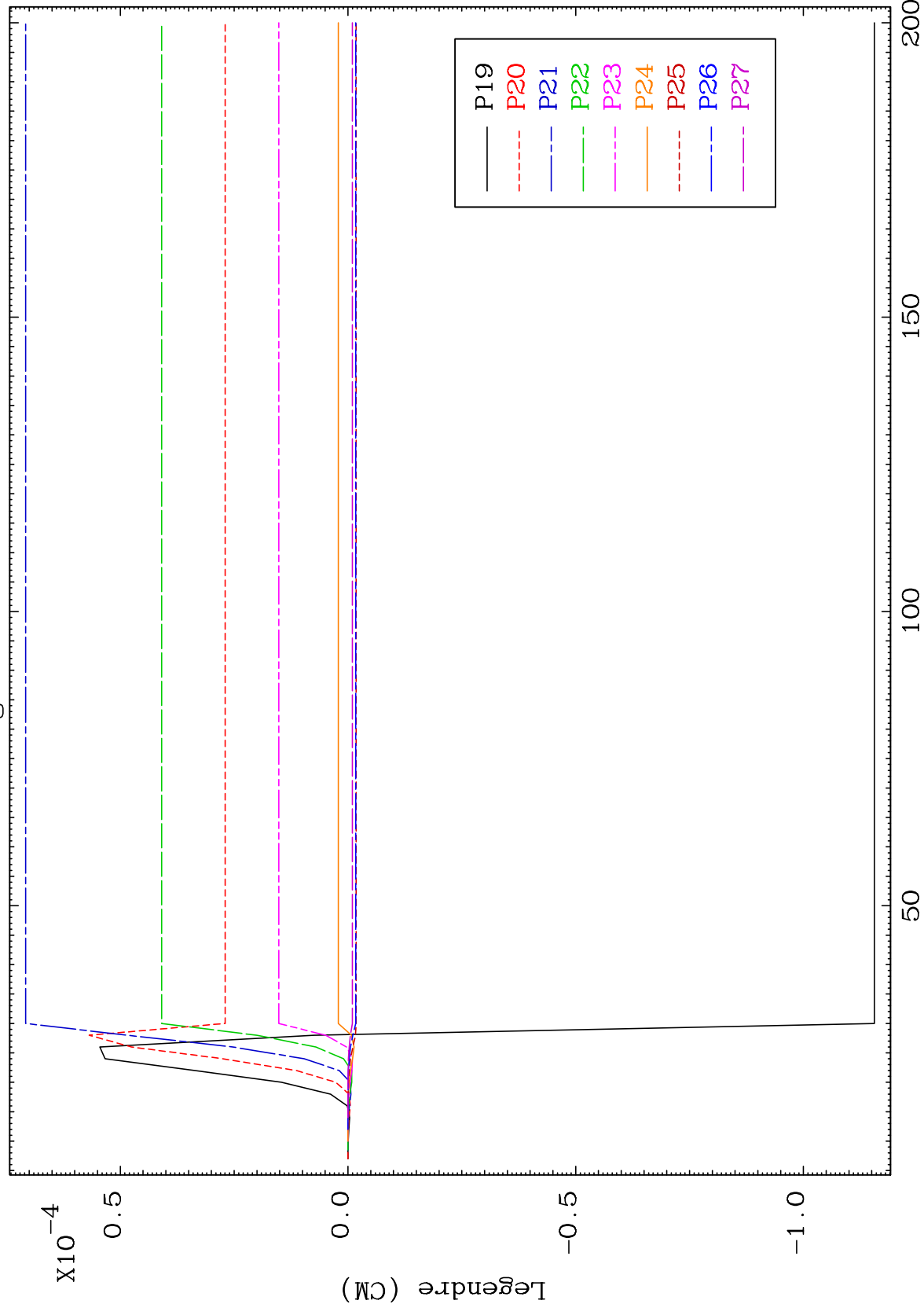
Incident Energy (MeV)

69-Tm-160

MAT 6898

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

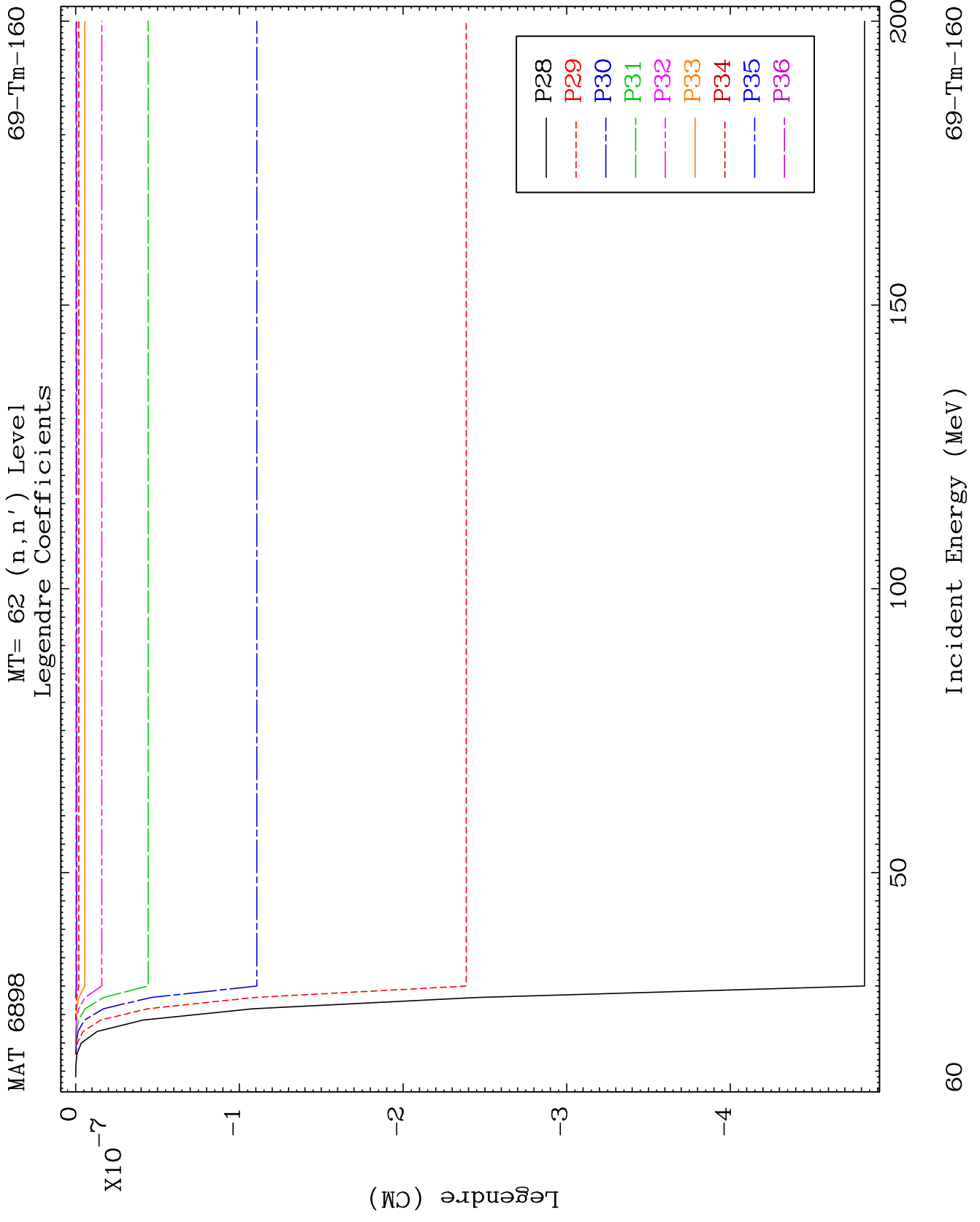
69-Tm-160



59

Incident Energy (MeV)

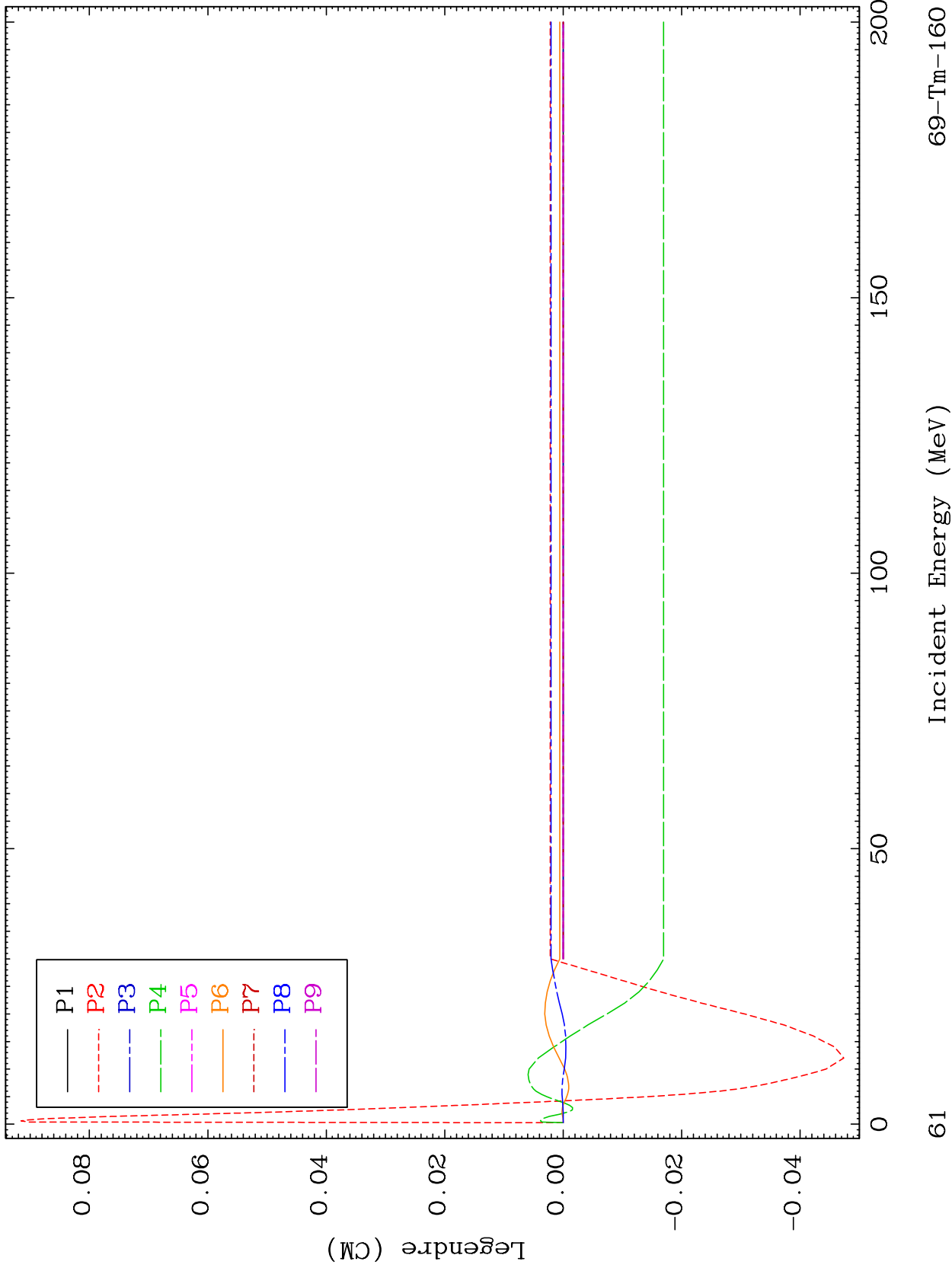
69-Tm-160



MAT 6898

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

69-Tm-160

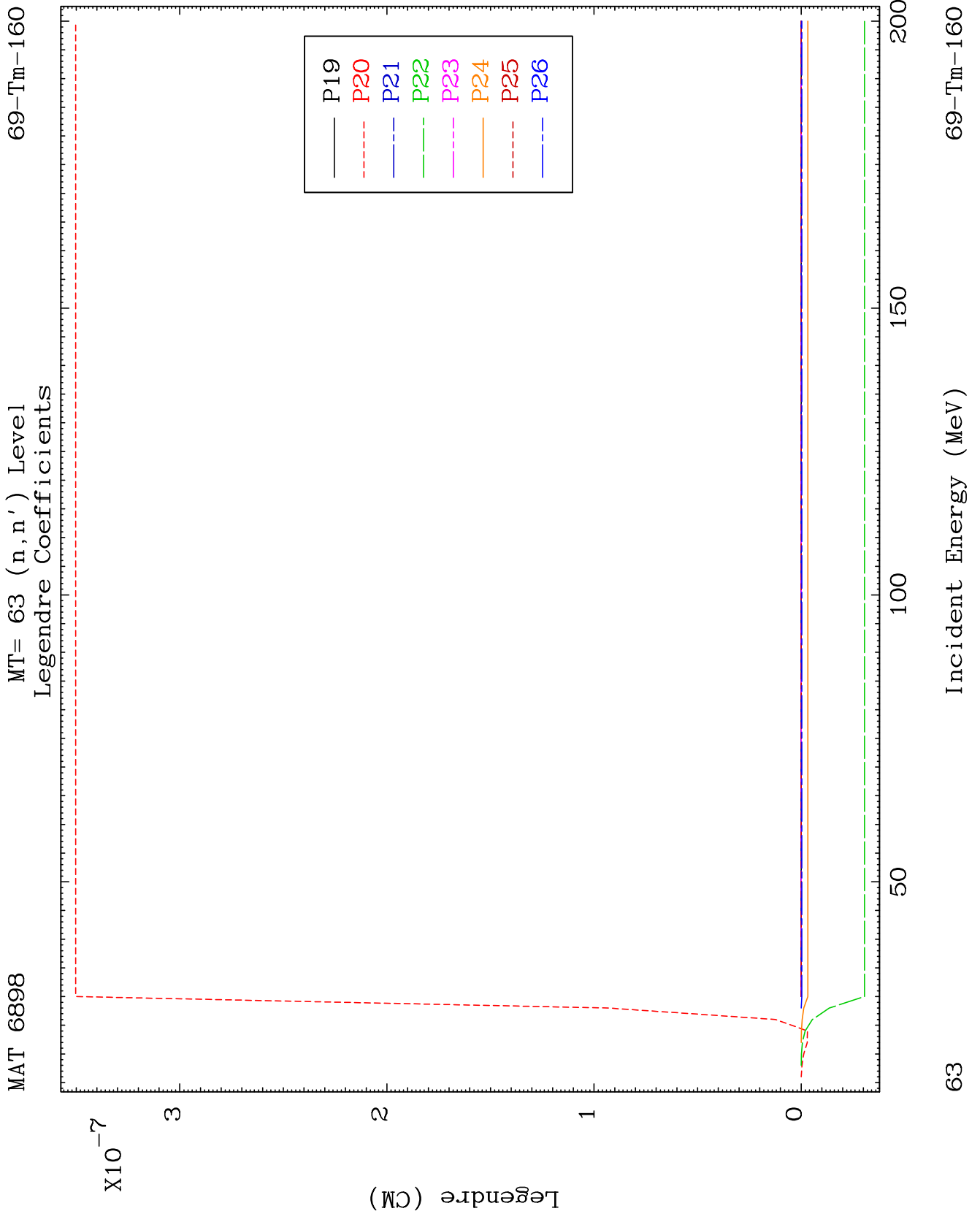


61

Incident Energy (MeV)

69-Tm-160



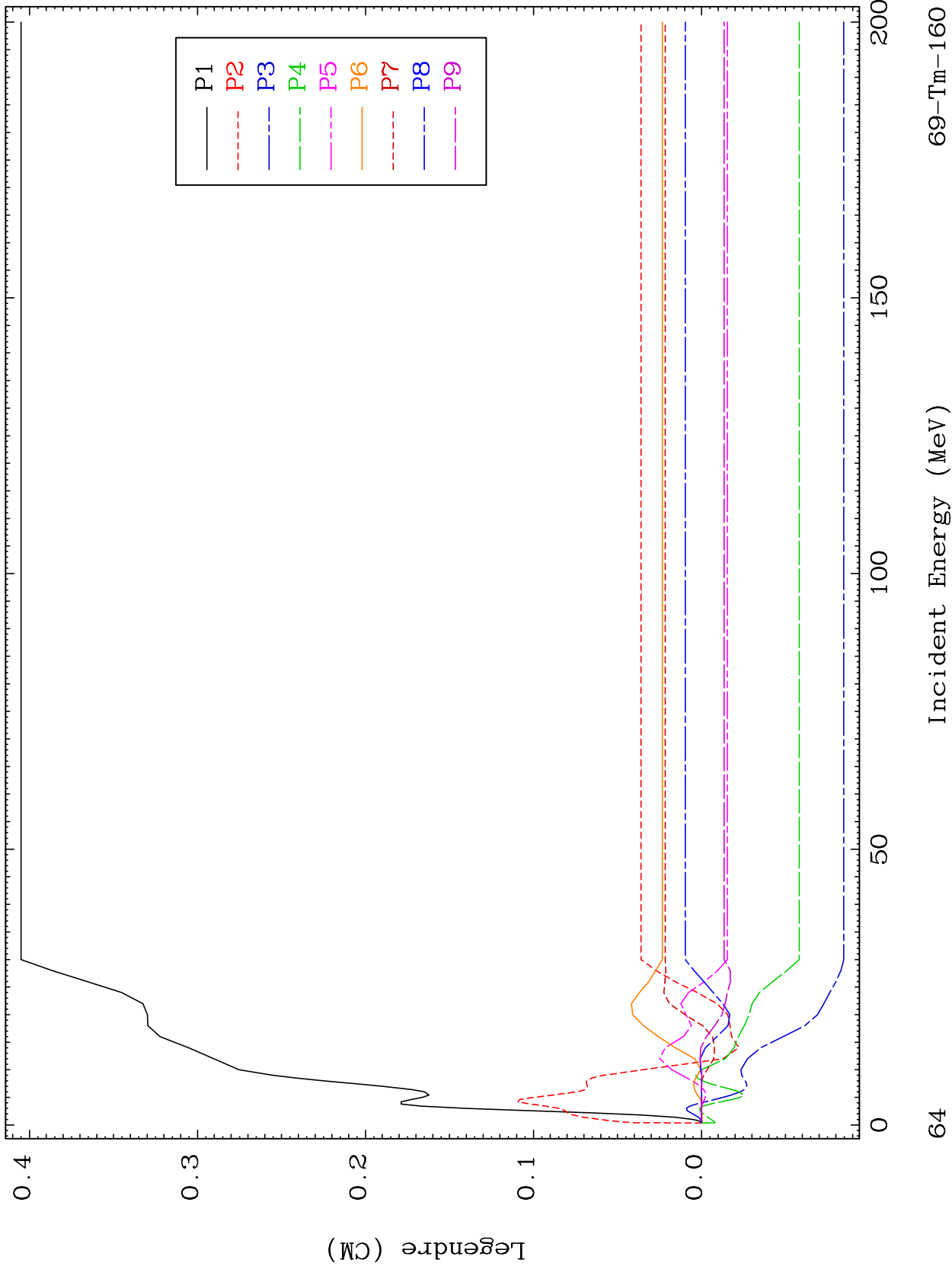




MAT 6898

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

69-Tm-160



69-Tm-160

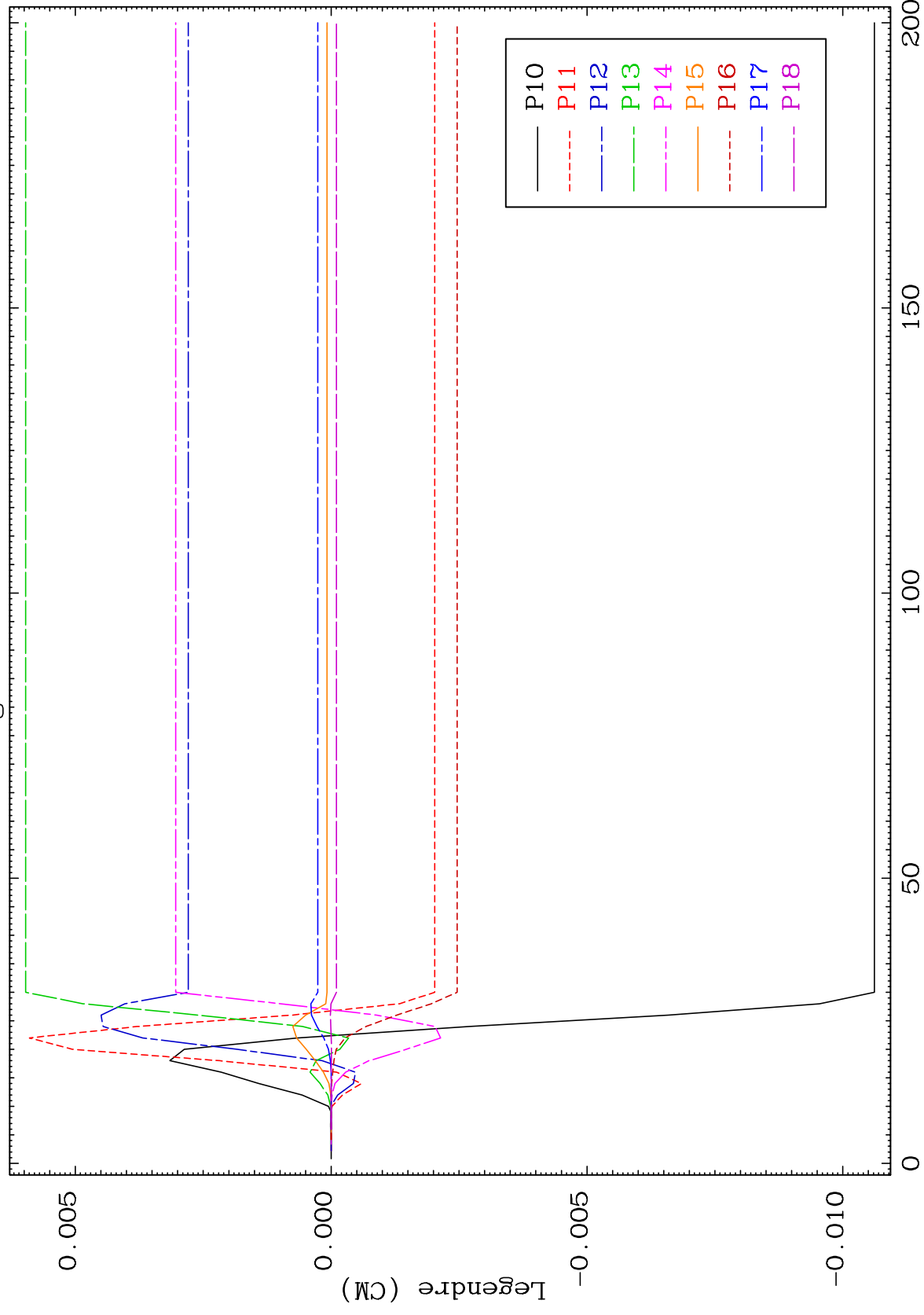
Incident Energy (MeV)

64

MAT 6898

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

69-Tm-160



65

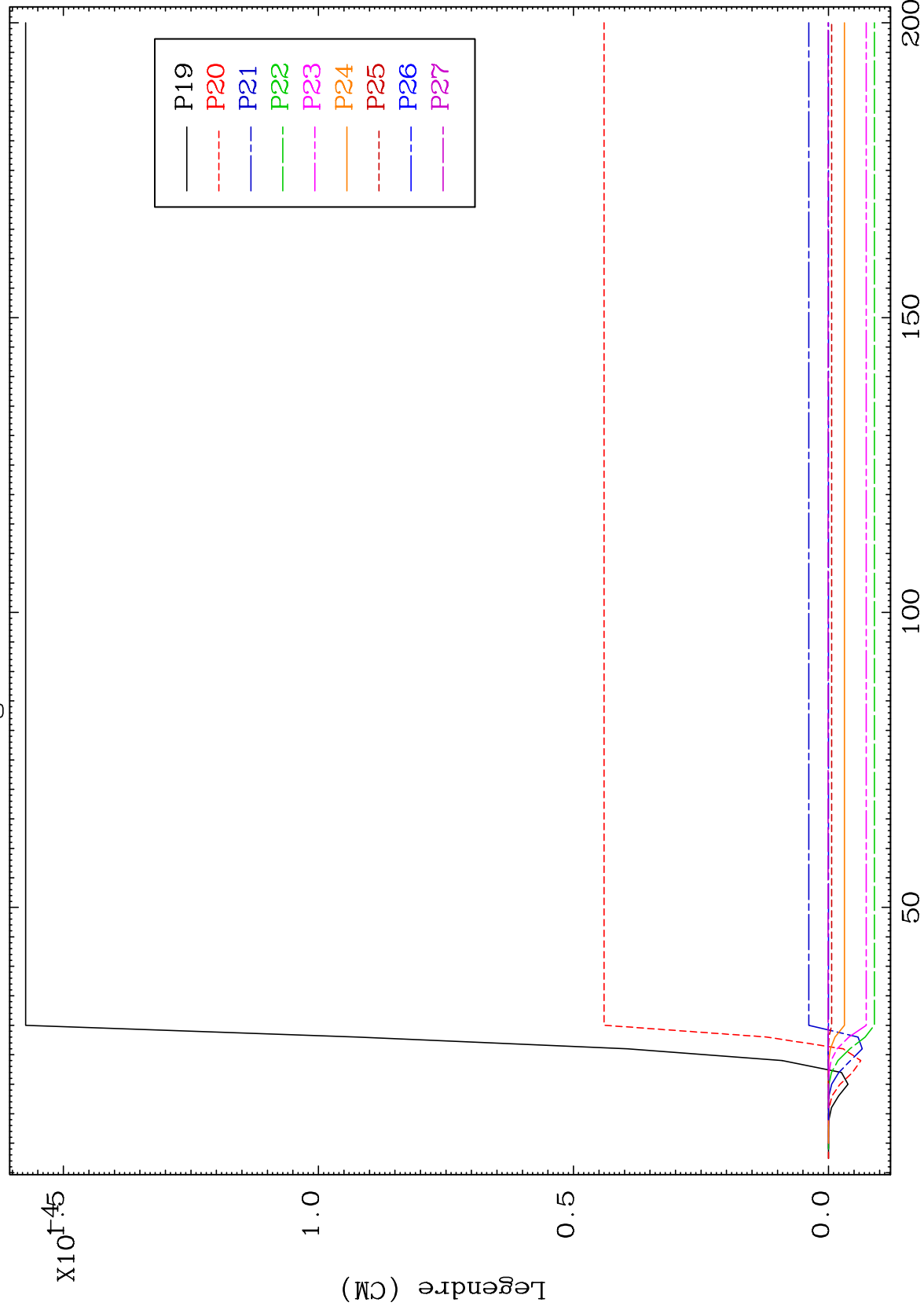
Incident Energy (MeV)

69-Tm-160

MAT 6898

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

69-Tm-160



66

Incident Energy (MeV)

69-Tm-160

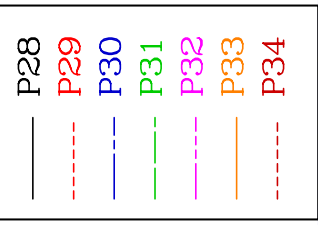
MAT 6898

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

69-Tm-160

$\times 10^{-6}$

Legendre (CM)



200

150

100

50

67

Incident Energy (MeV)

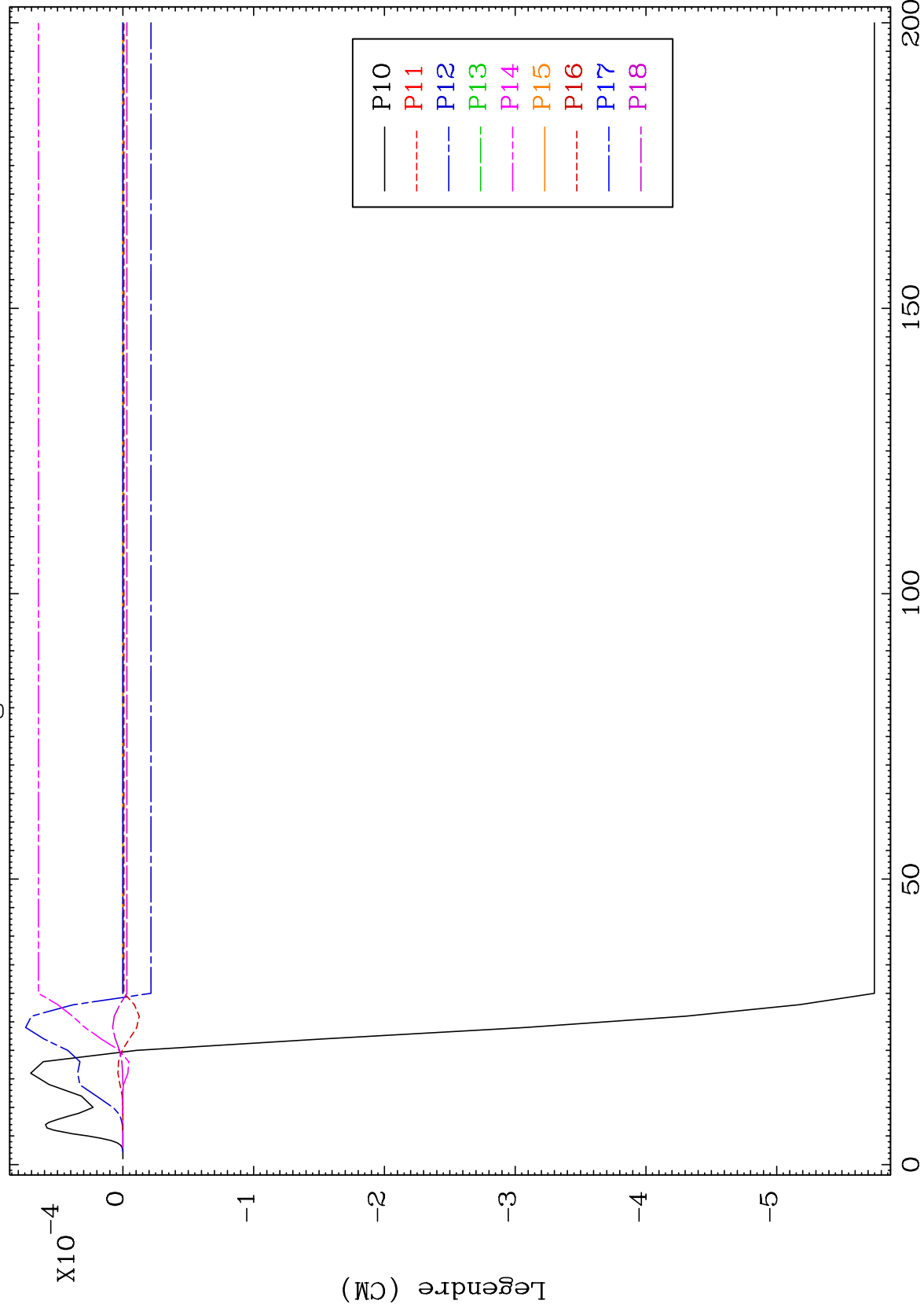
69-Tm-160



MAT 6898

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

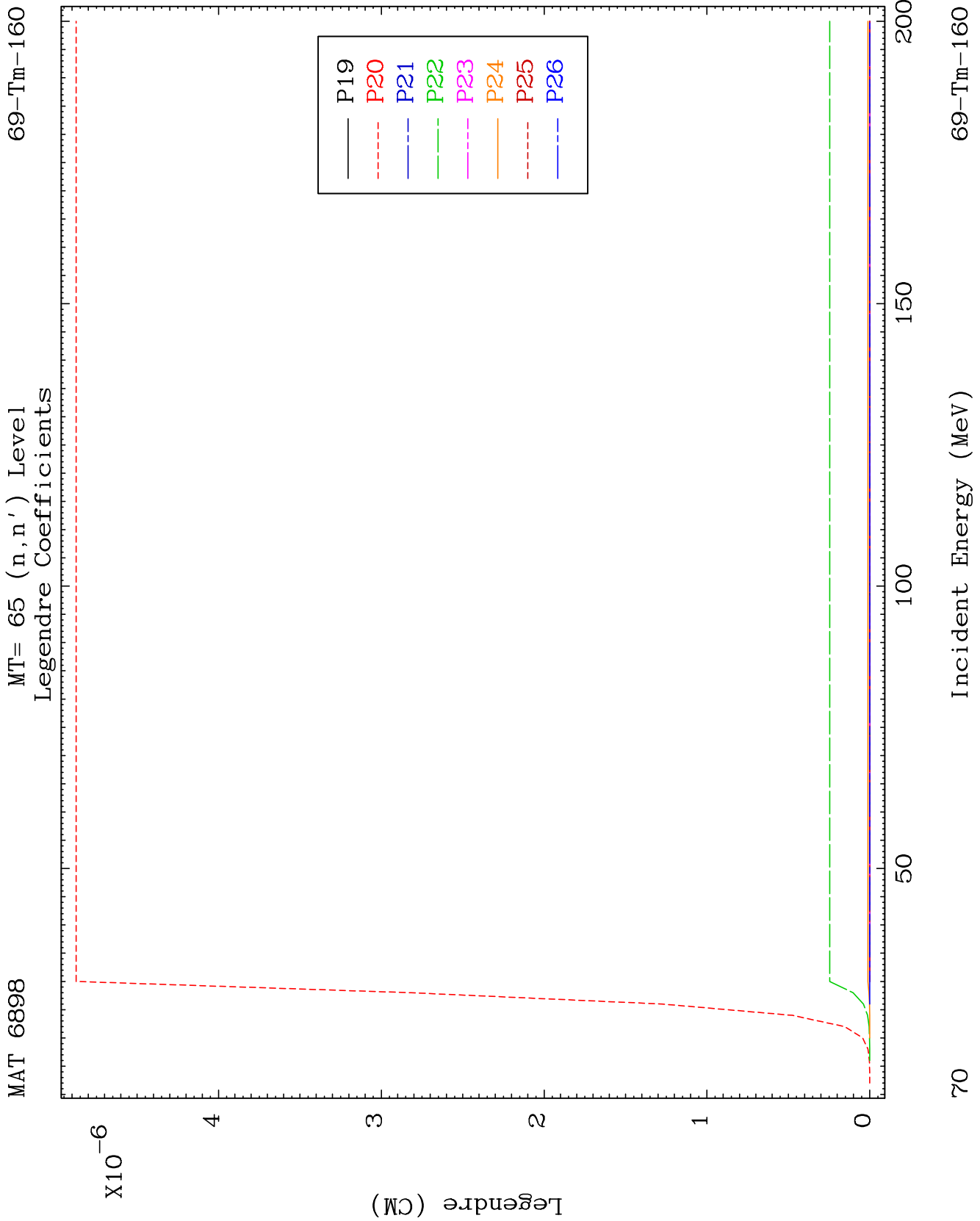
69-Tm-160



69

Incident Energy (MeV)

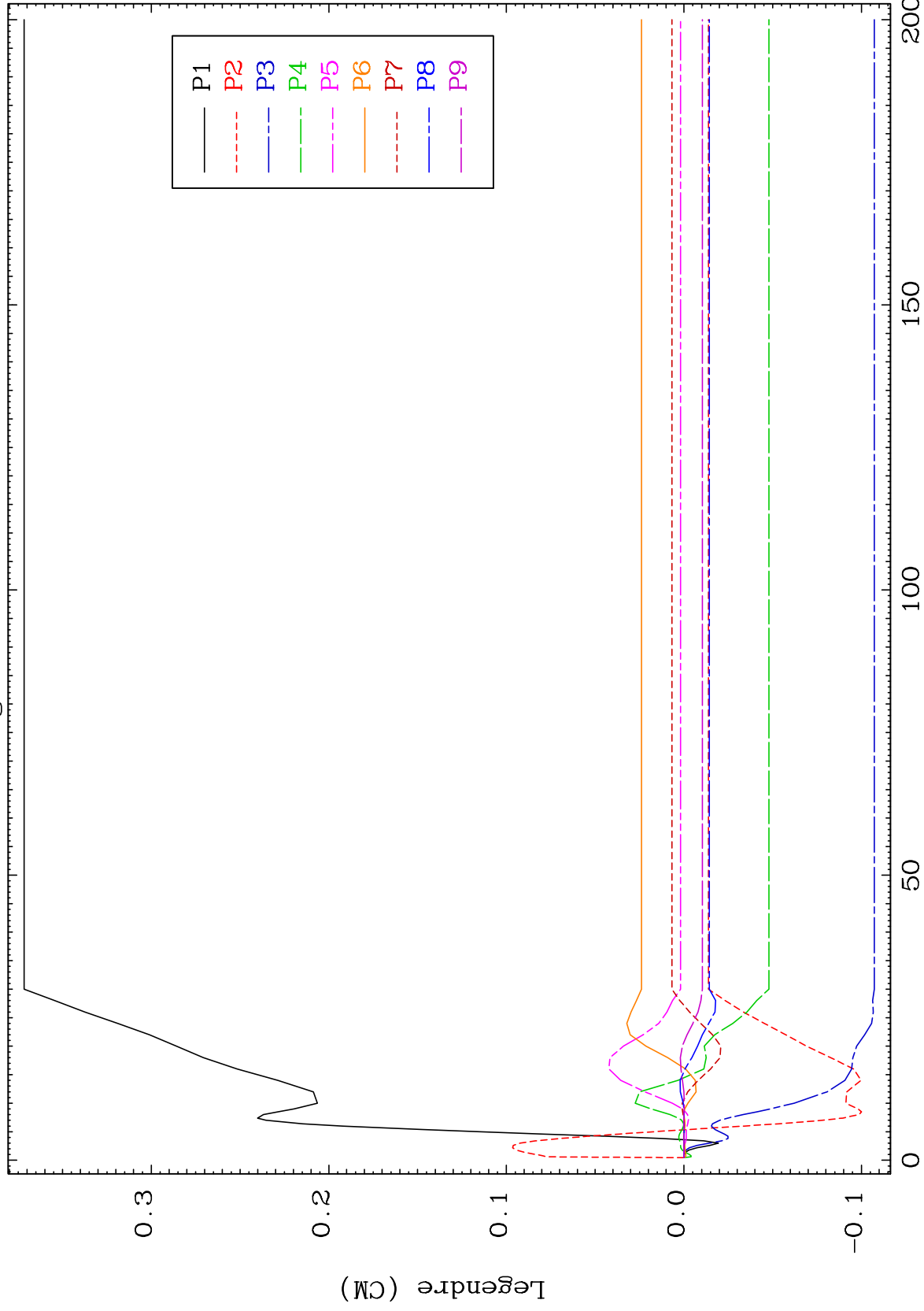
69-Tm-160



MAT 6898

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

69-Tm-160



71

Incident Energy (MeV)

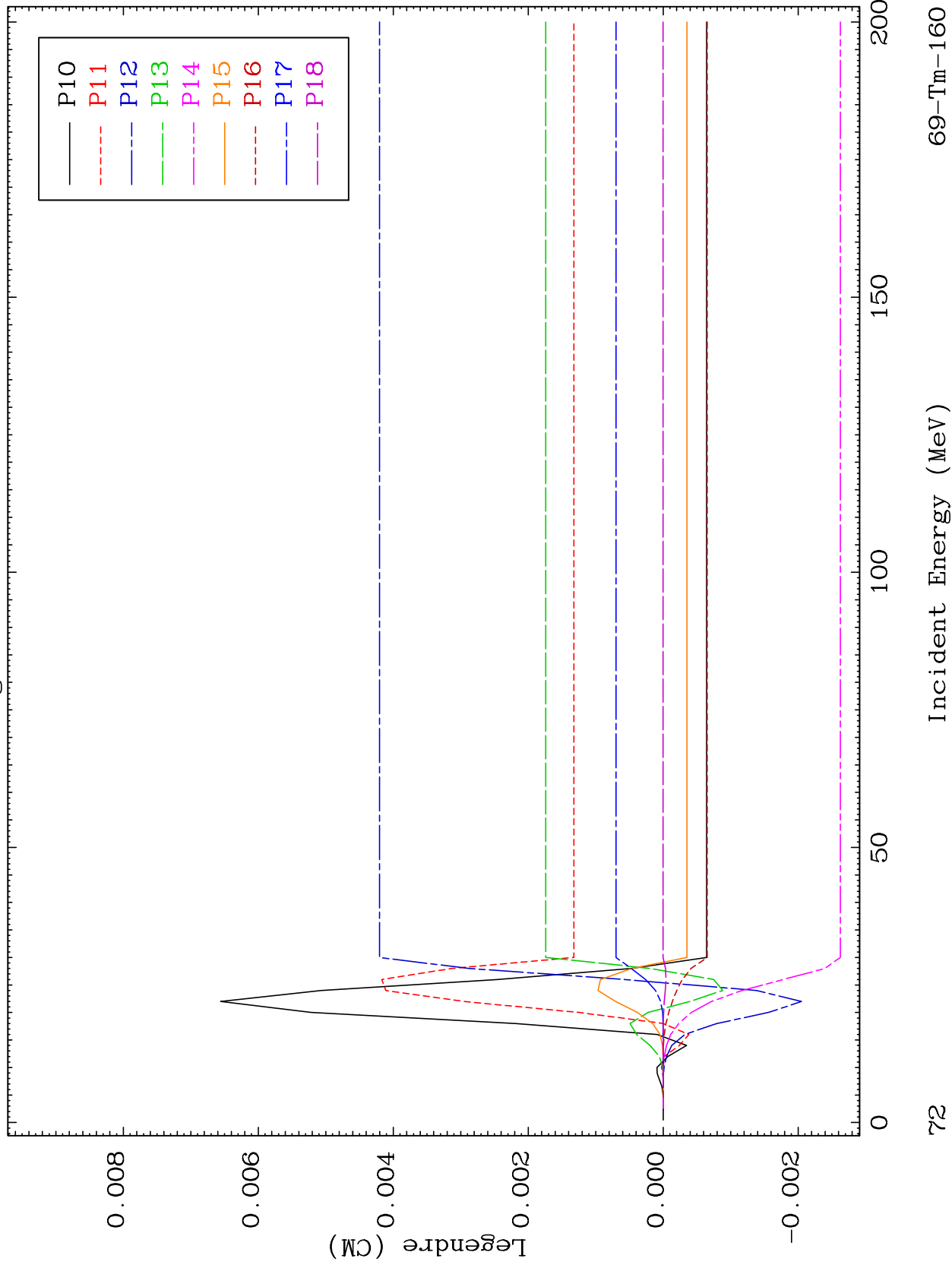
69-Tm-160



MAT 6898

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

69-Tm-160



72

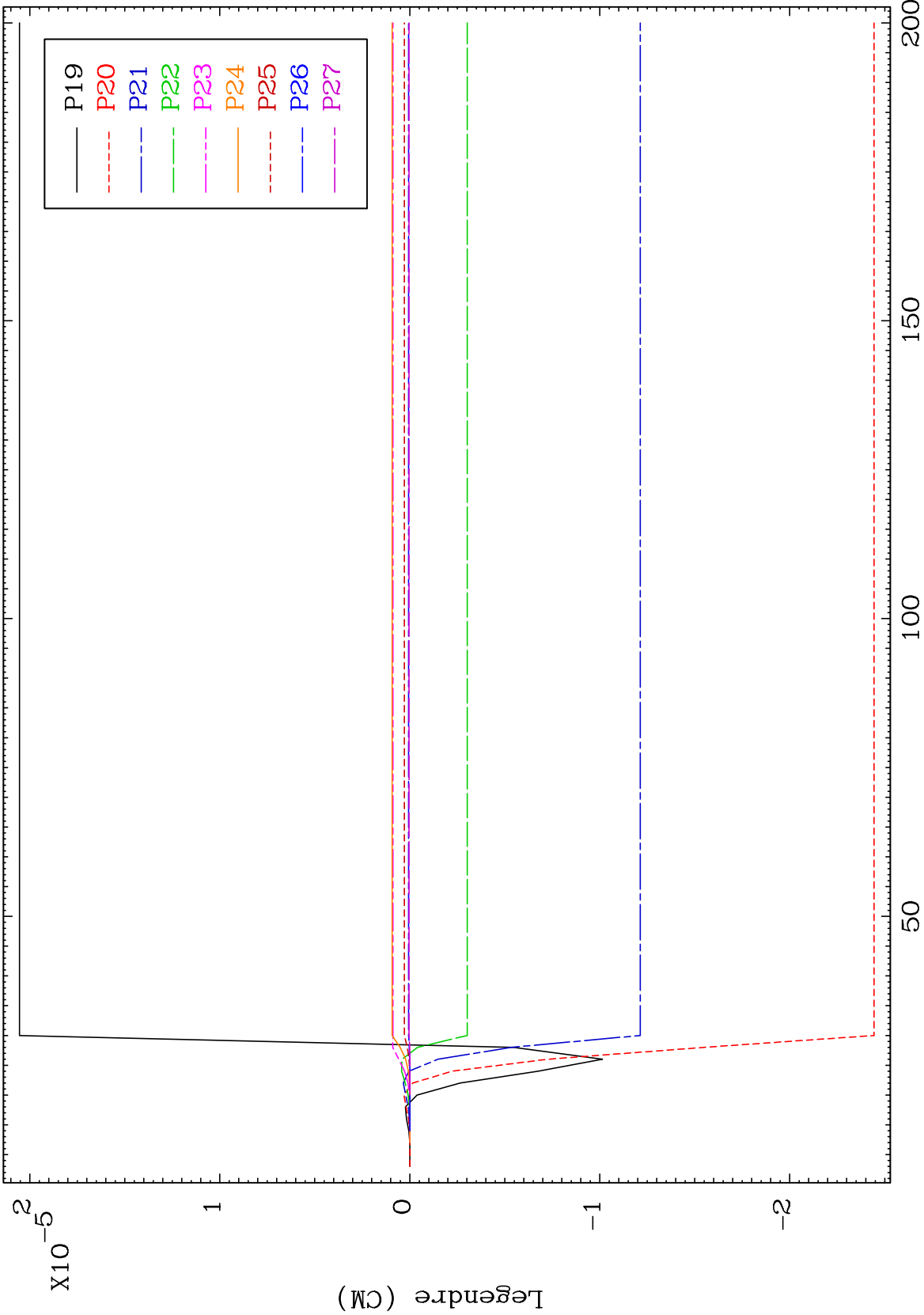
Incident Energy (MeV)

69-Tm-160

MAT 6898

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

69-Tm-160



73

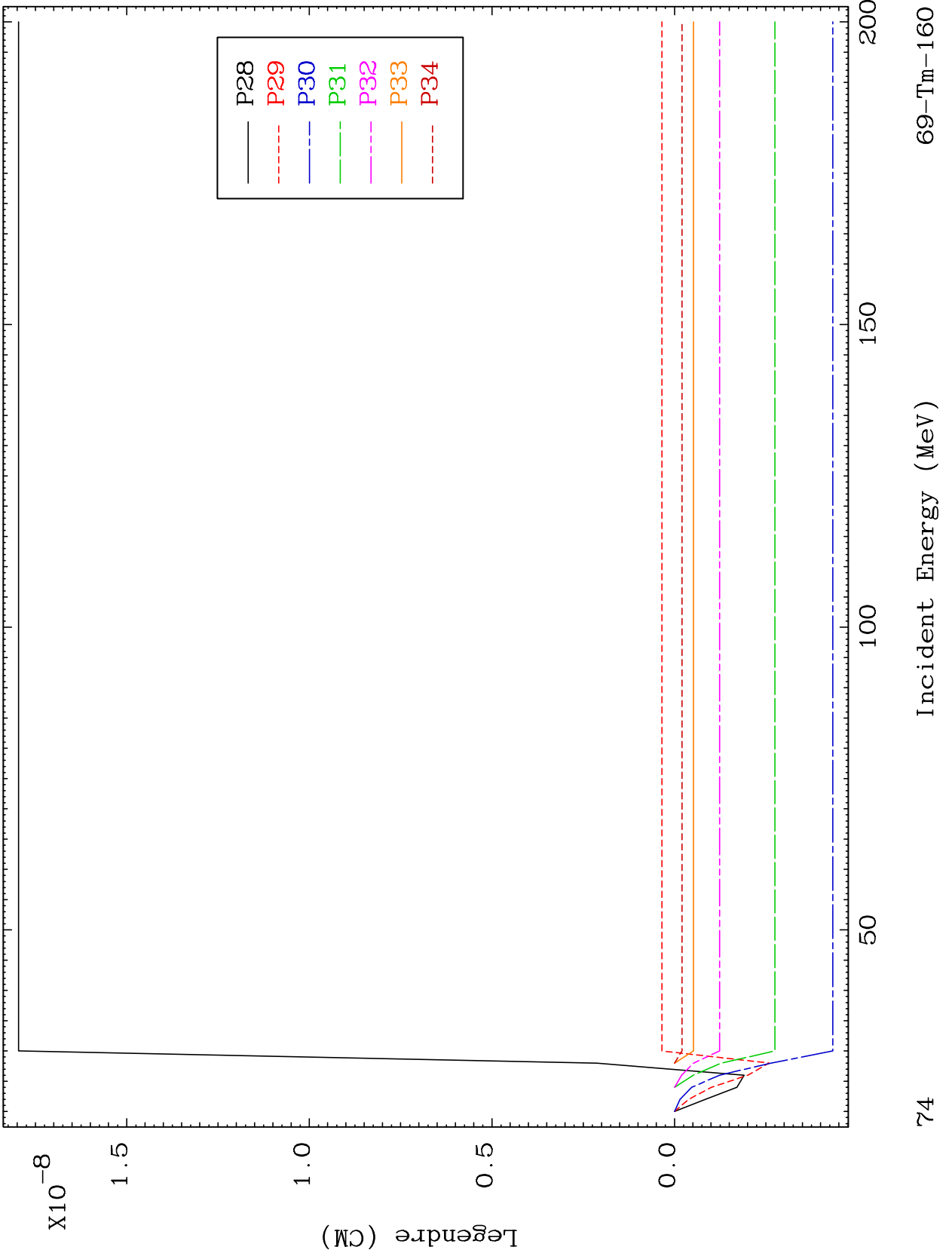
Incident Energy (MeV)

69-Tm-160

MAT 6898

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

69-Tm-160

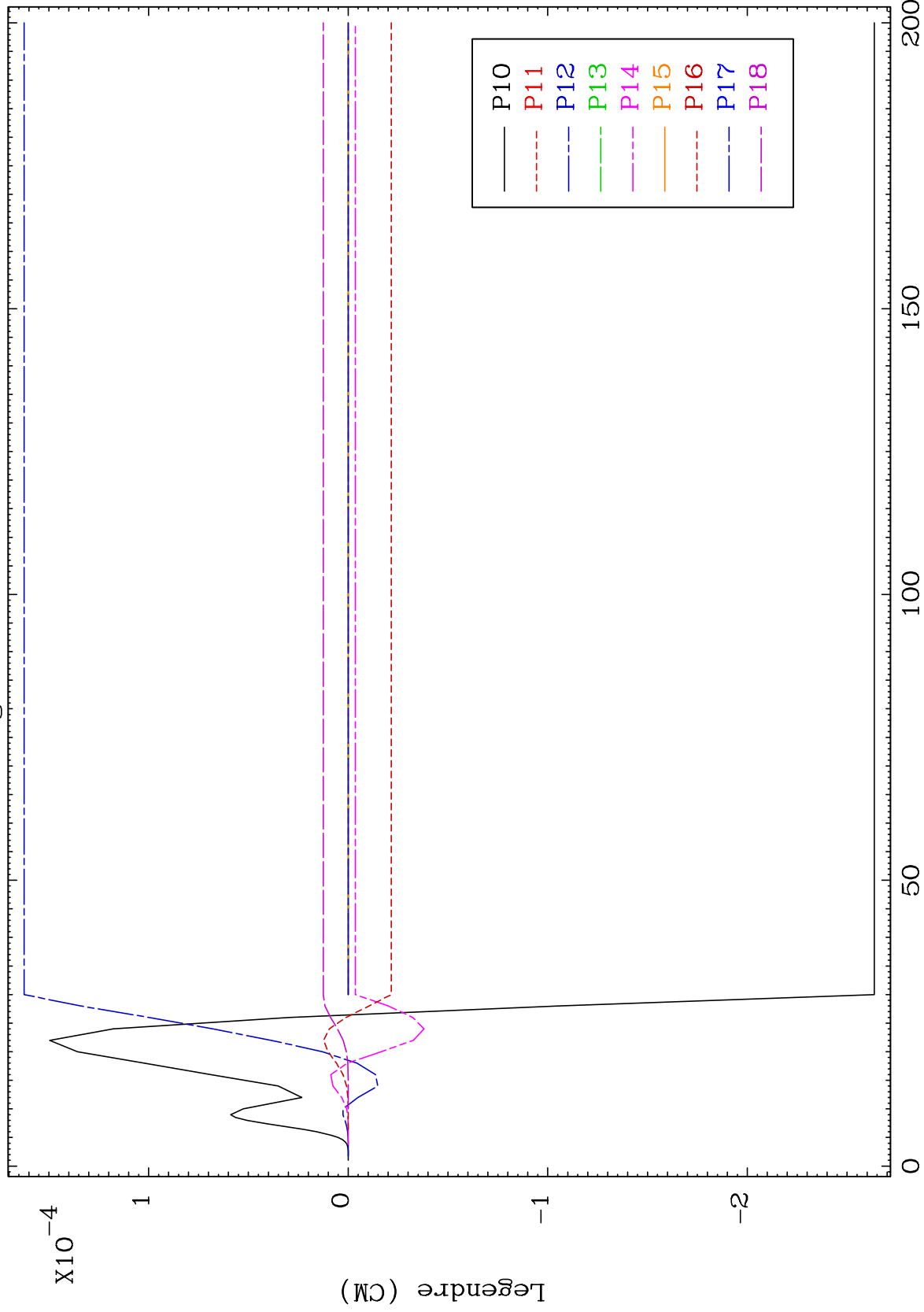




MAT 6898

MT= 67 (n,n') Level  
Legendre Coefficients

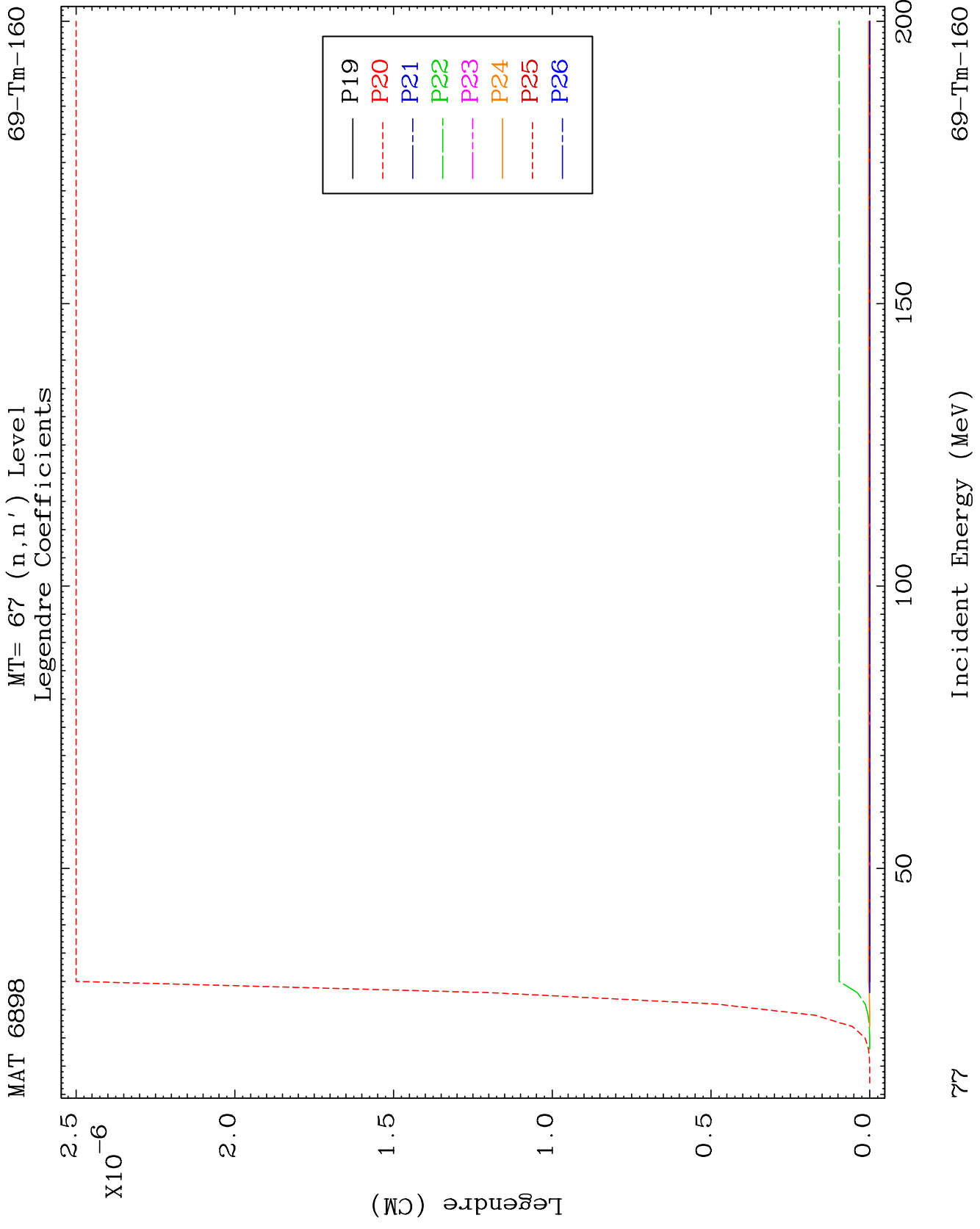
69-Tm-160

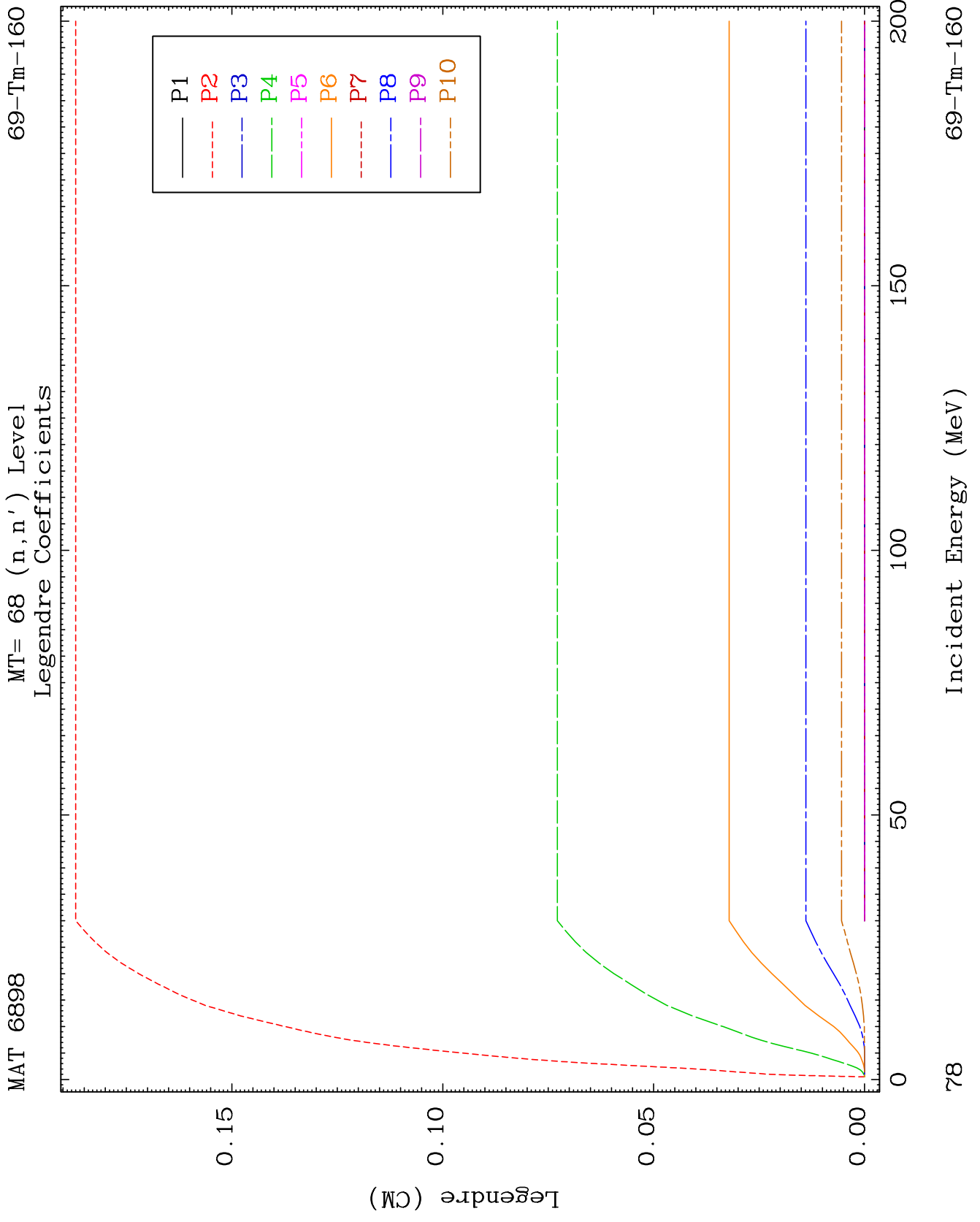


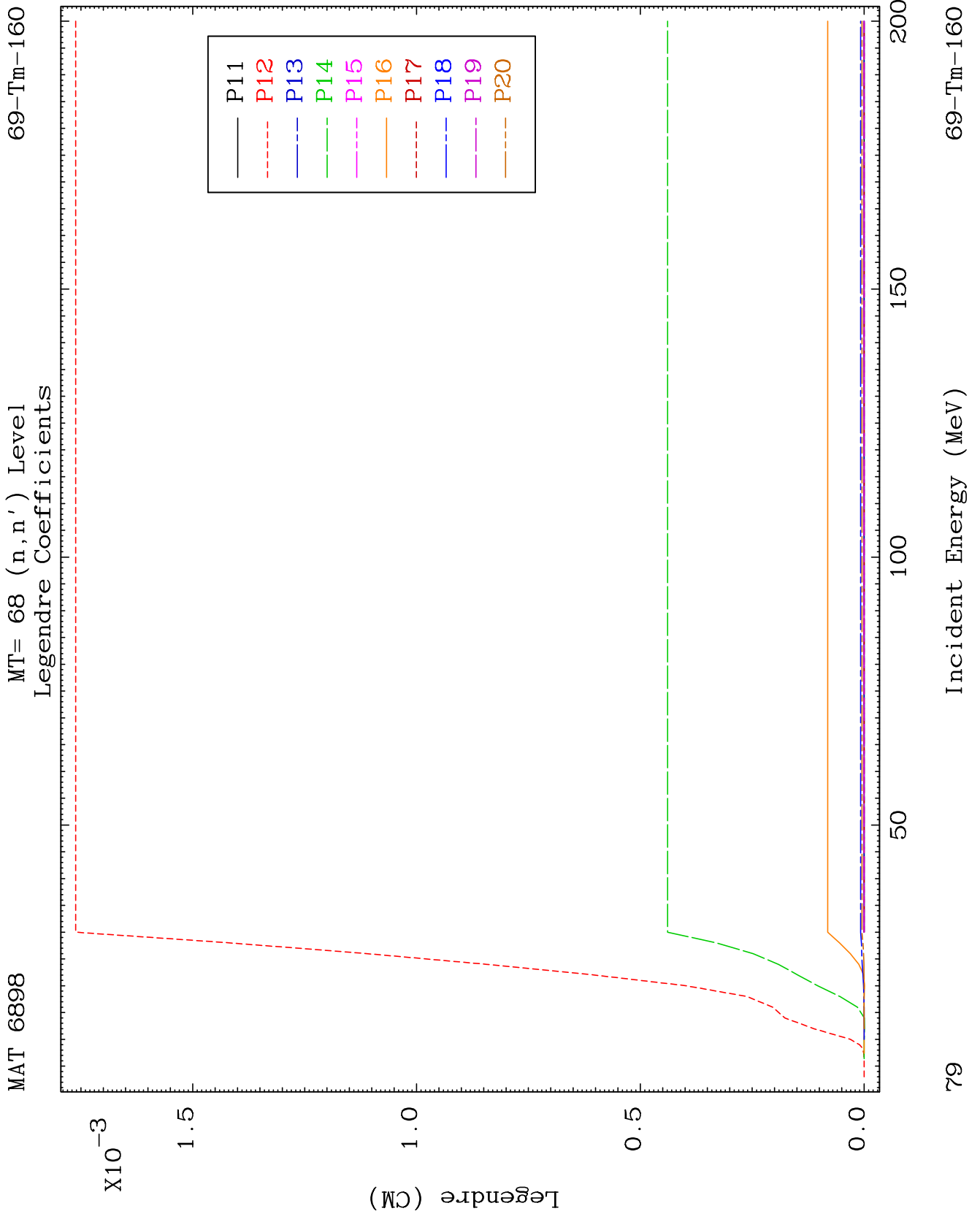
76

Incident Energy (MeV)

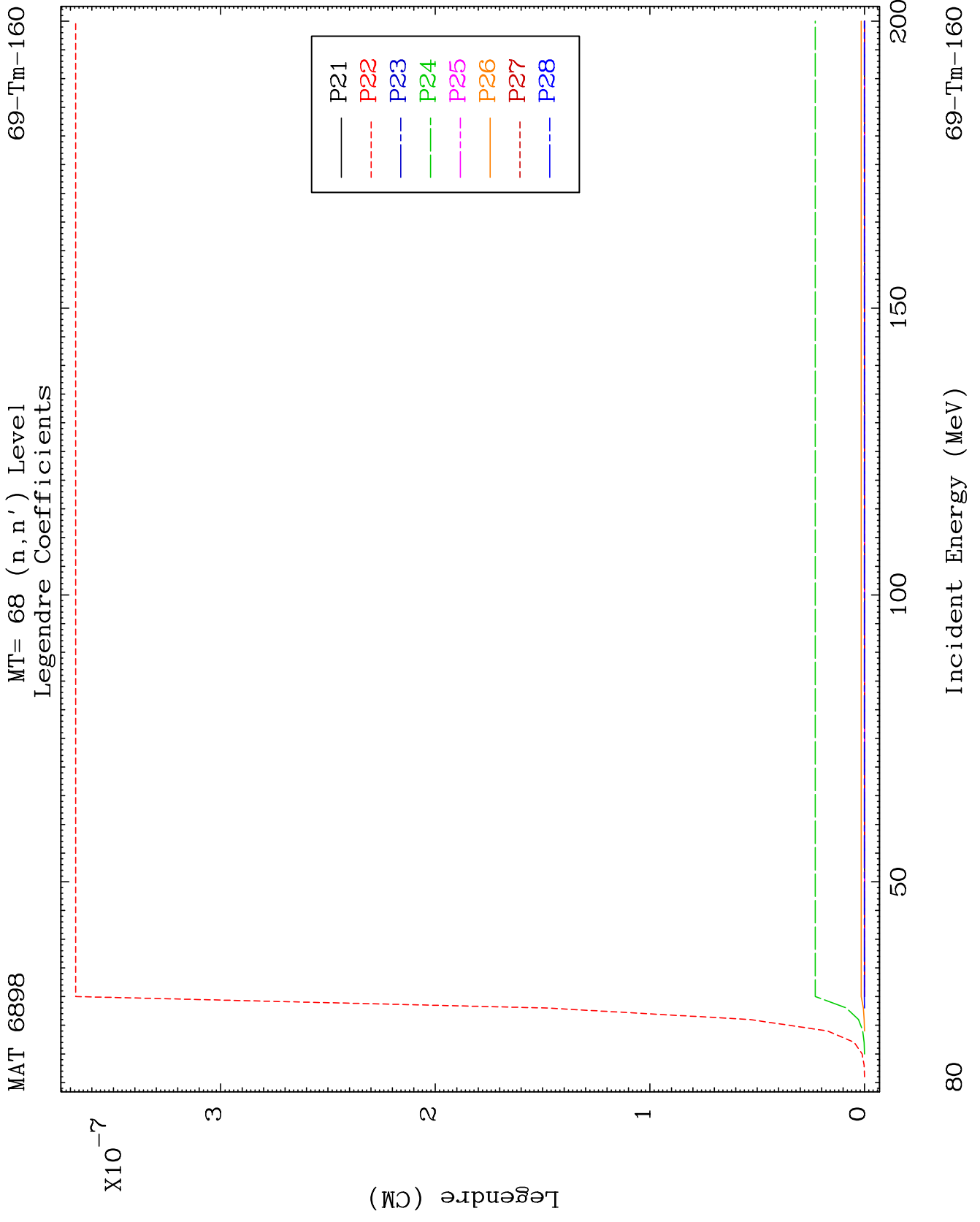
69-Tm-160







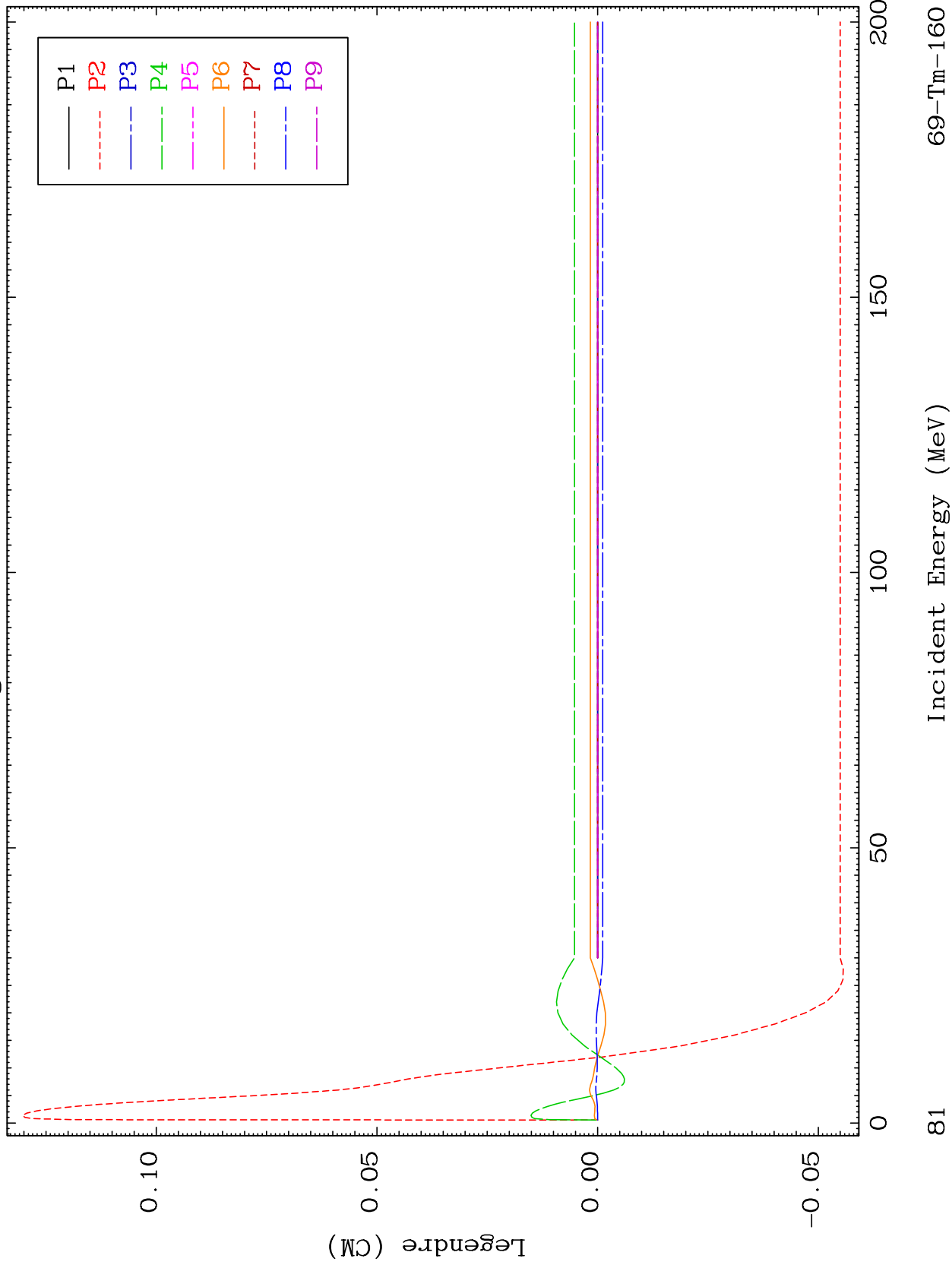




MAT 6898

MT= 69 (n,n') Level  
Legendre Coefficients

69-Tm-160



81

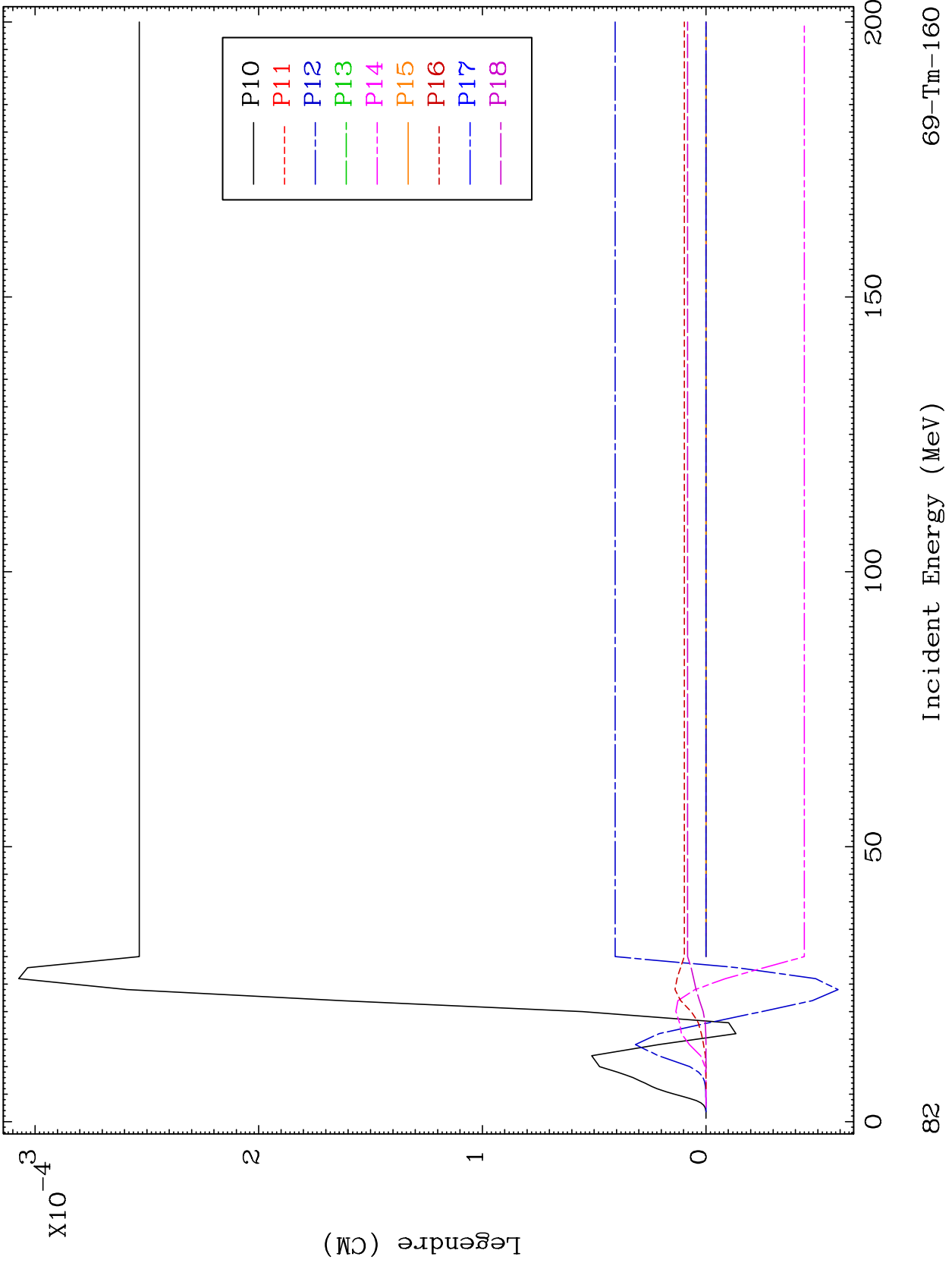
Incident Energy (MeV)

69-Tm-160

MAT 6898

MT= 69 (n,n') Level  
Legendre Coefficients

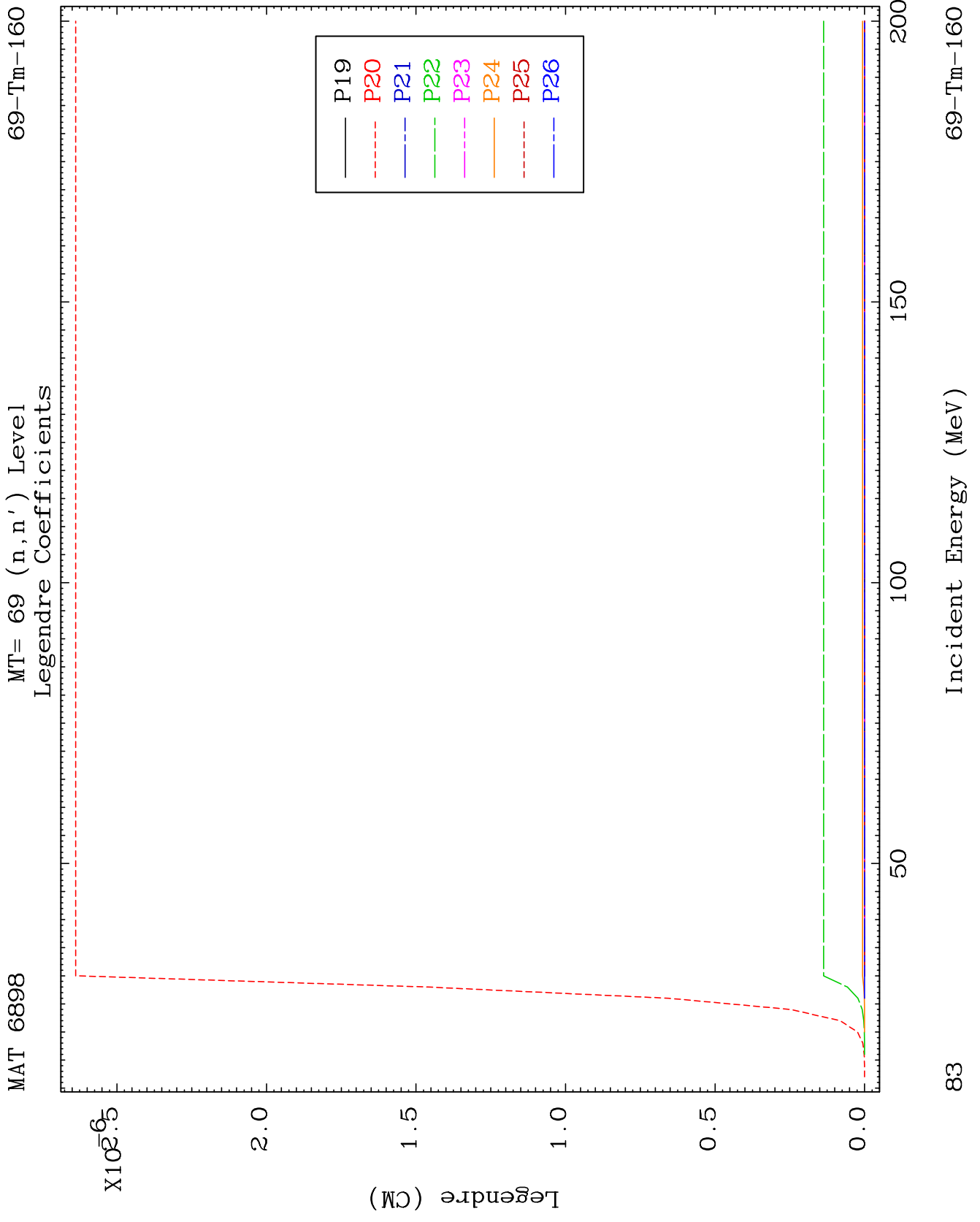
69-Tm-160



82

Incident Energy (MeV)

69-Tm-160

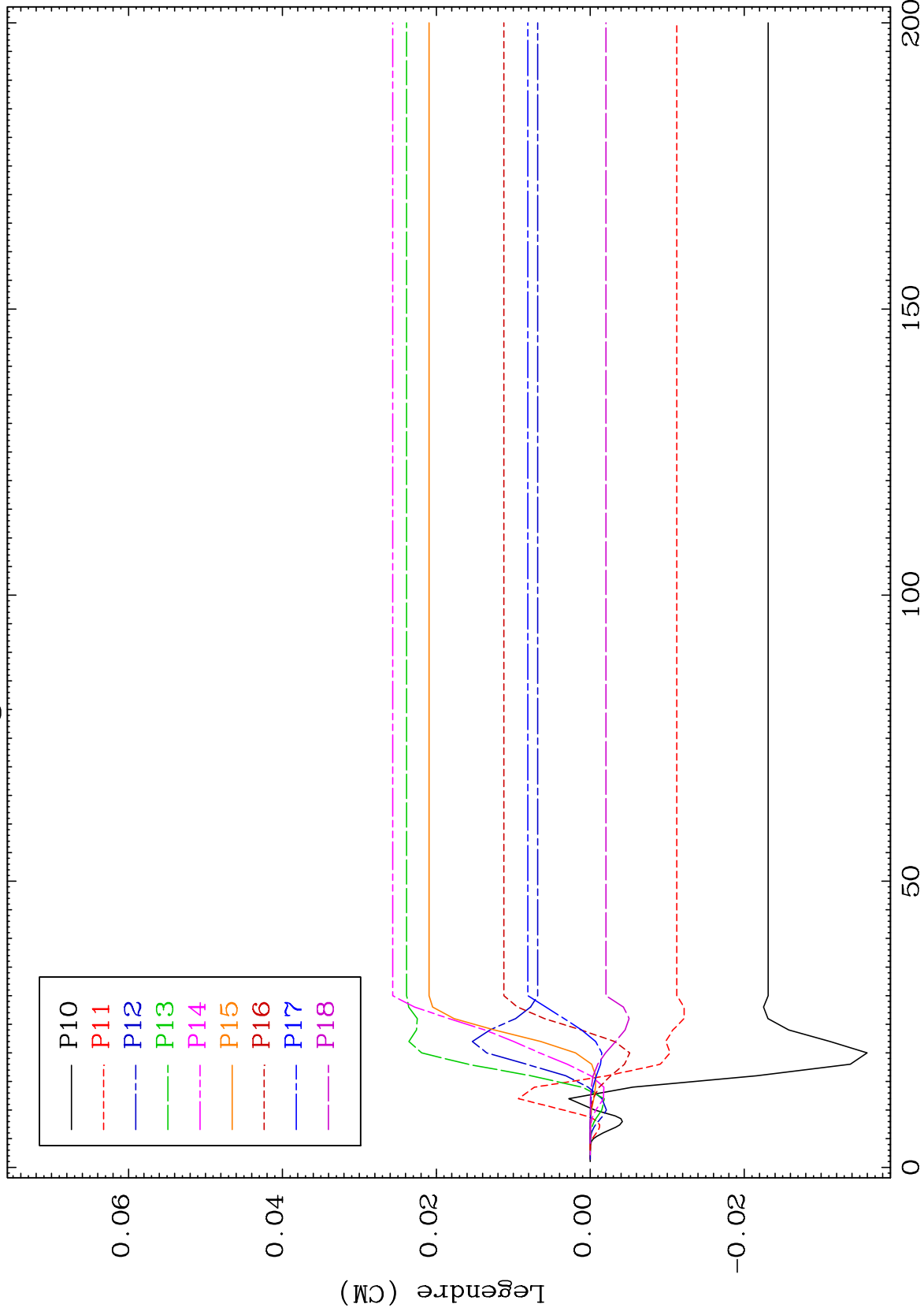




MAT 6898

MT= 70 (n,n') Level  
Legendre Coefficients

69-Tm-160



85

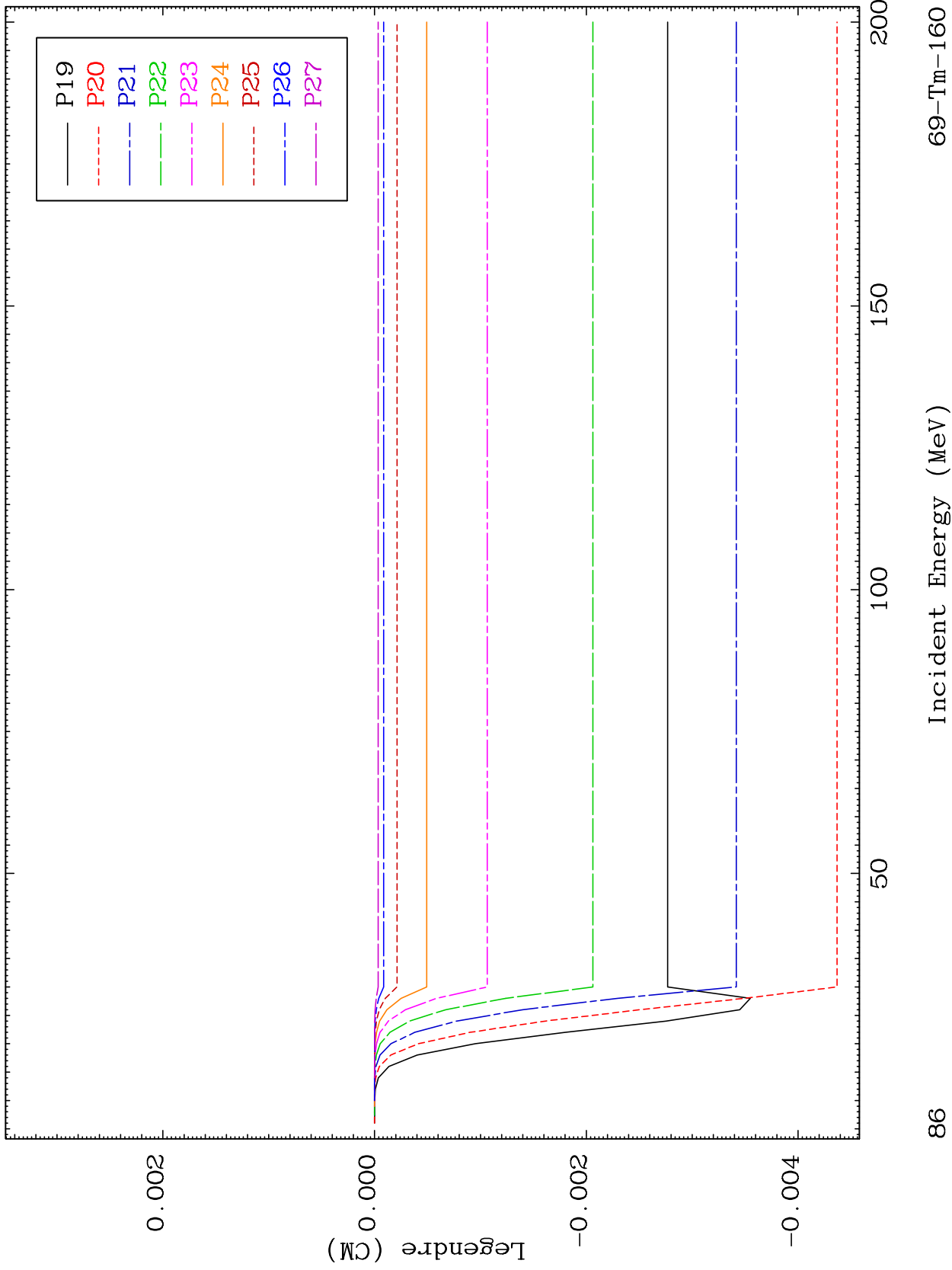
Incident Energy (MeV)

69-Tm-160

MAT 6898

MT= 70 (n,n') Level  
Legendre Coefficients

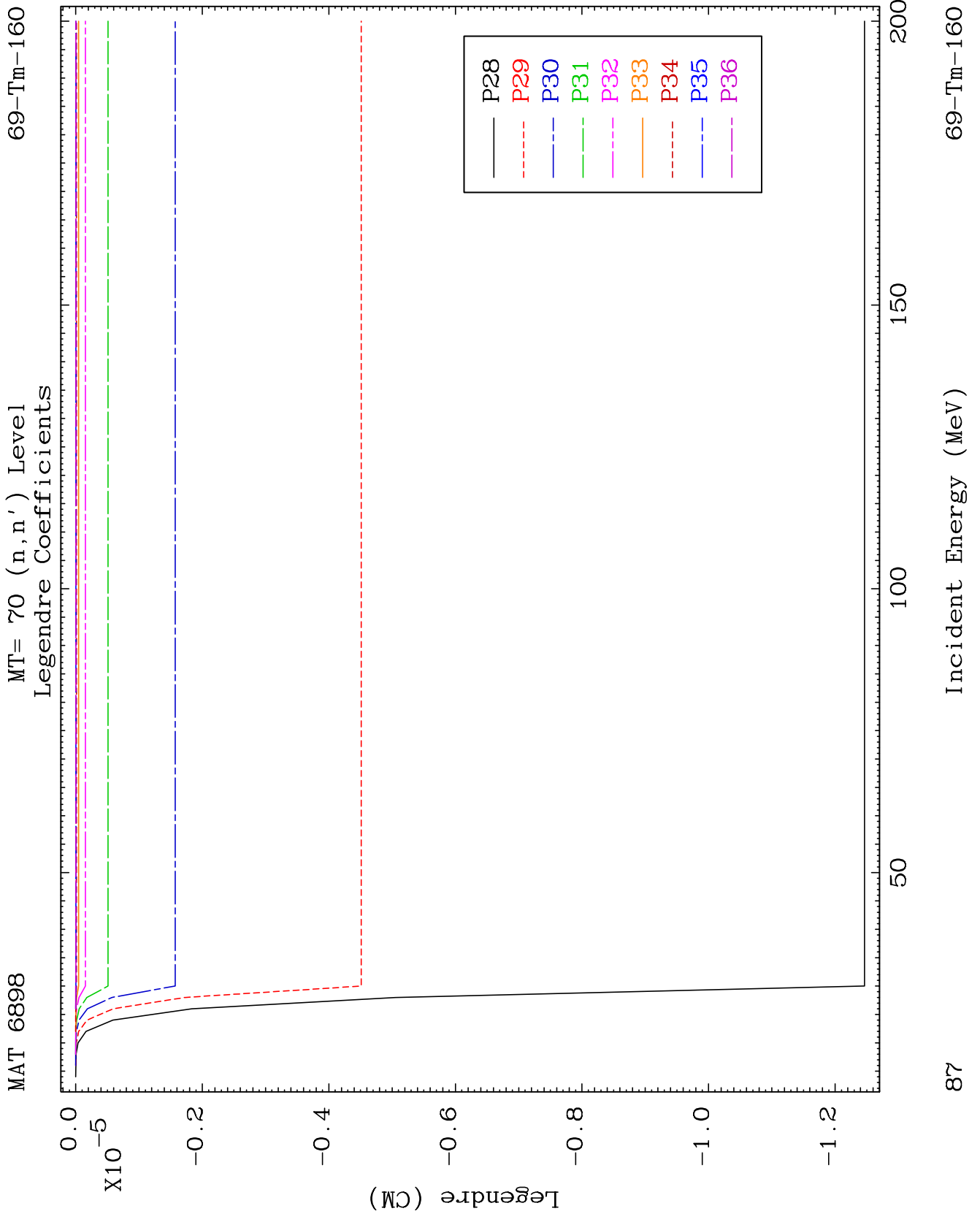
69-Tm-160



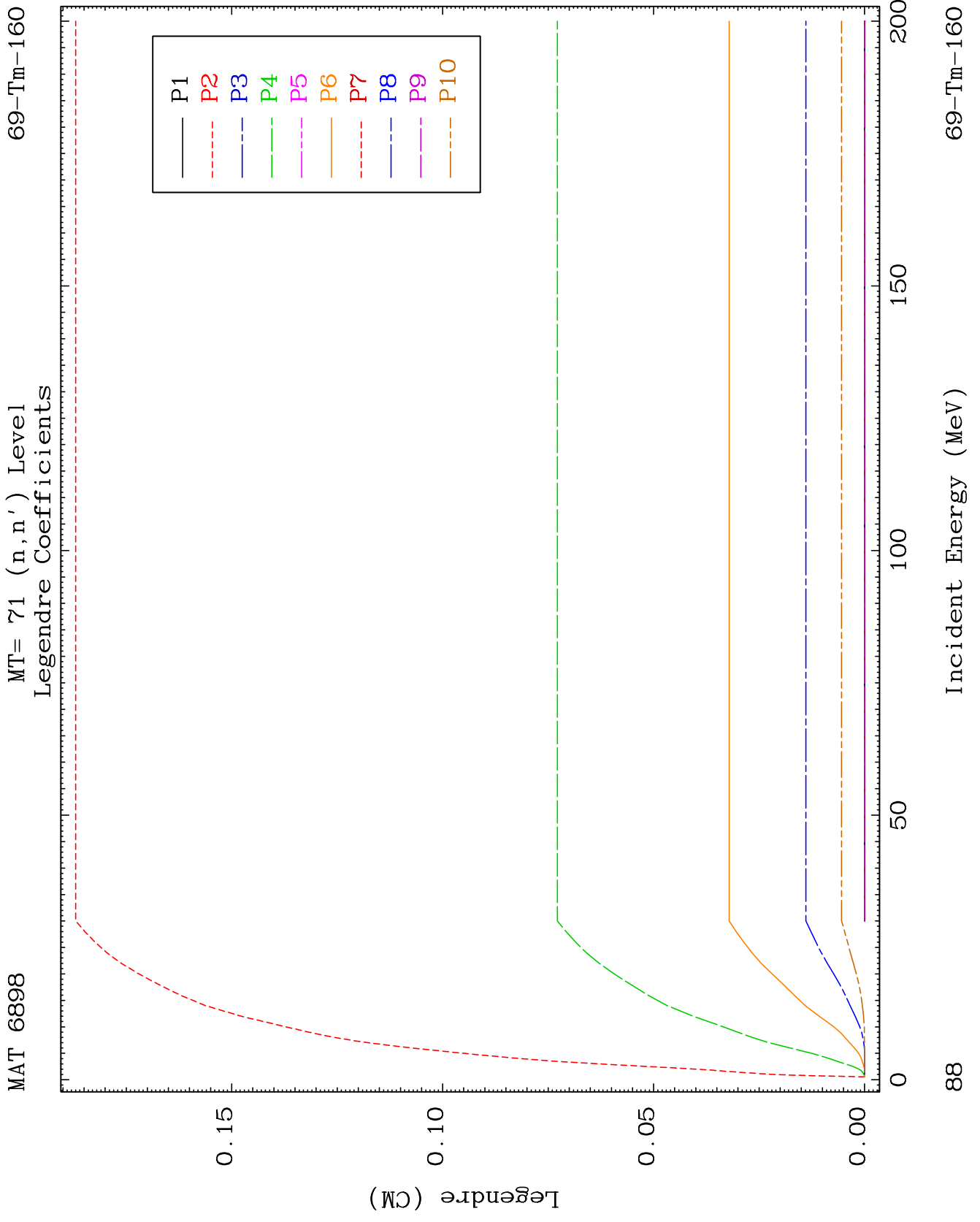
86

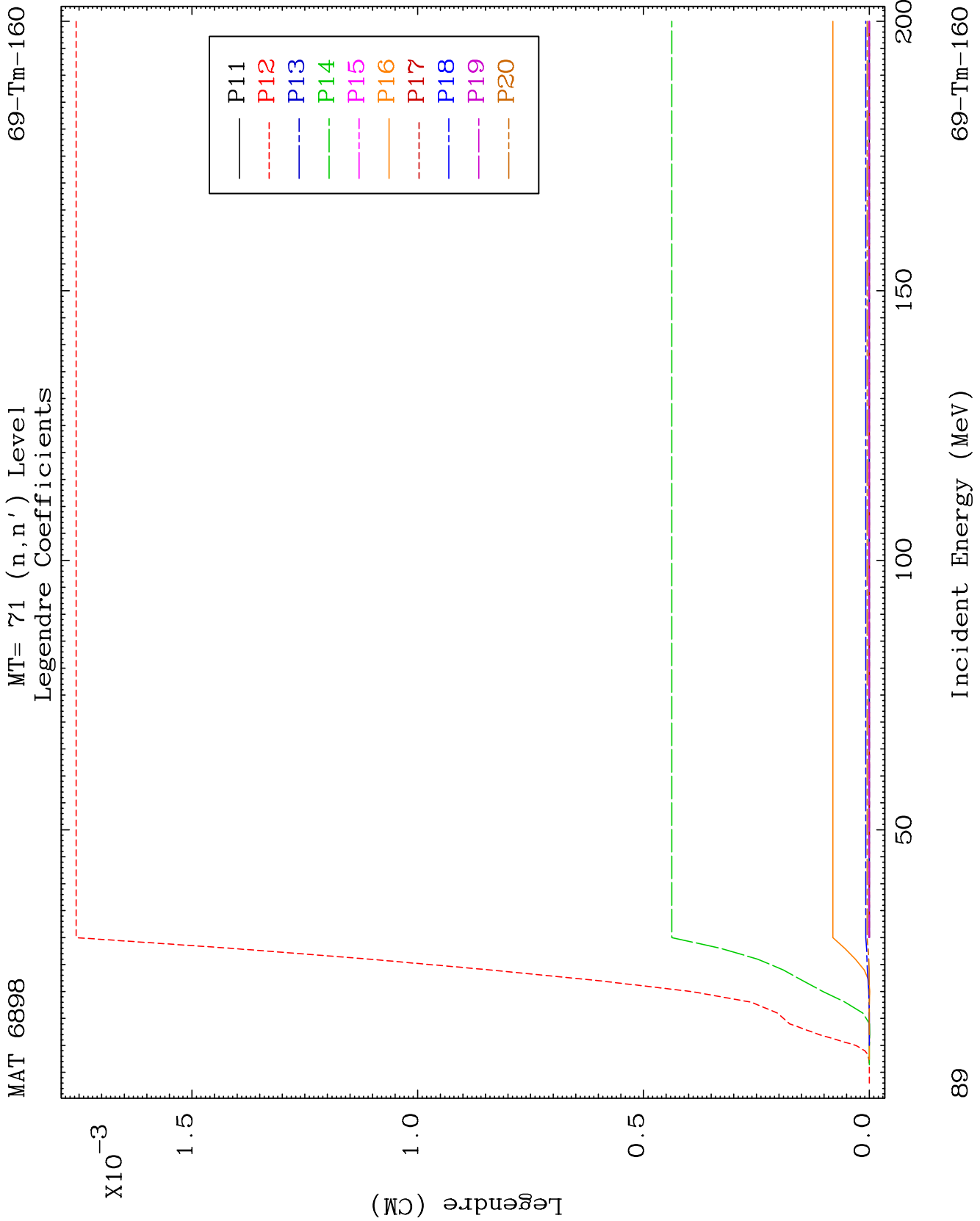
Incident Energy (MeV)

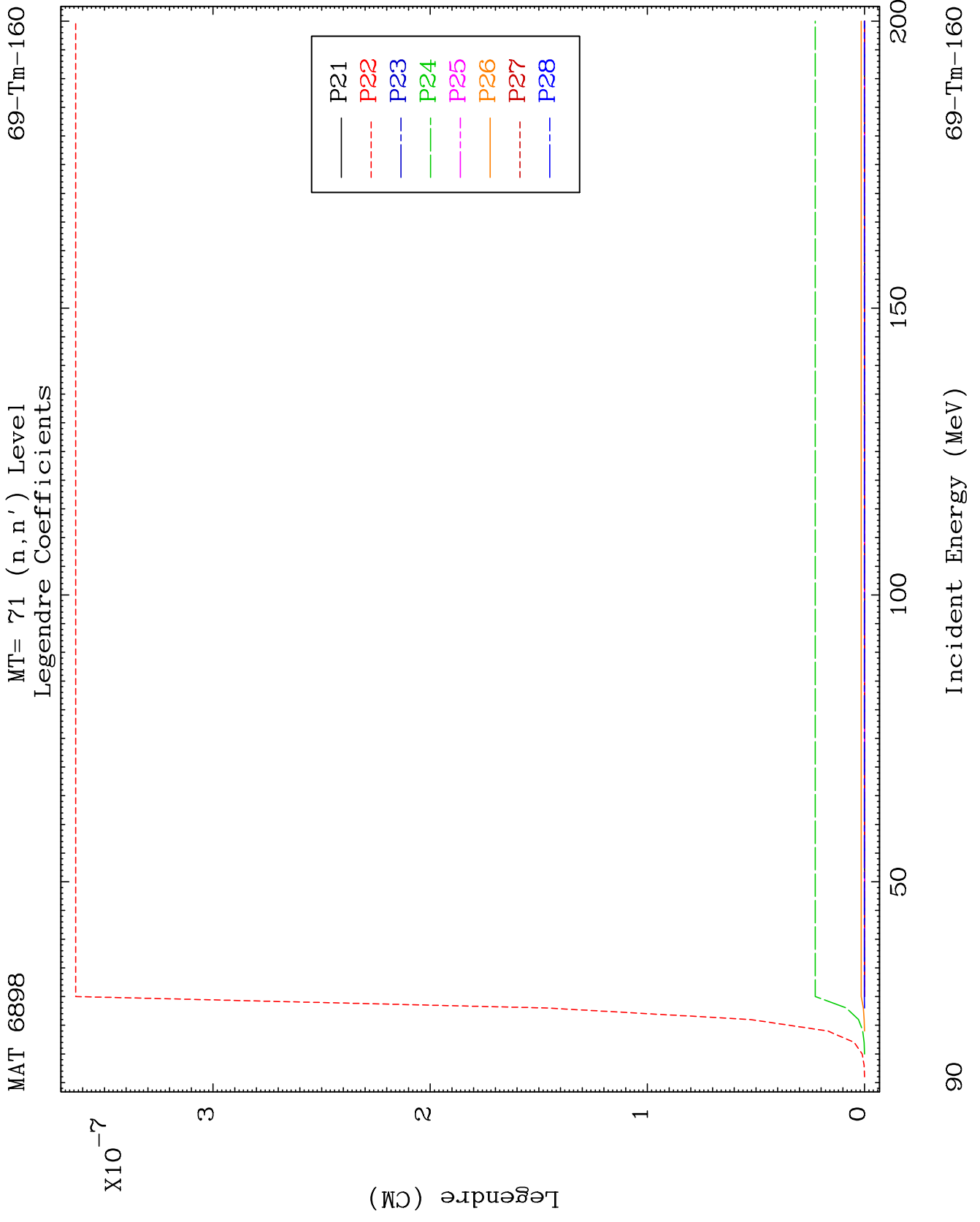
69-Tm-160

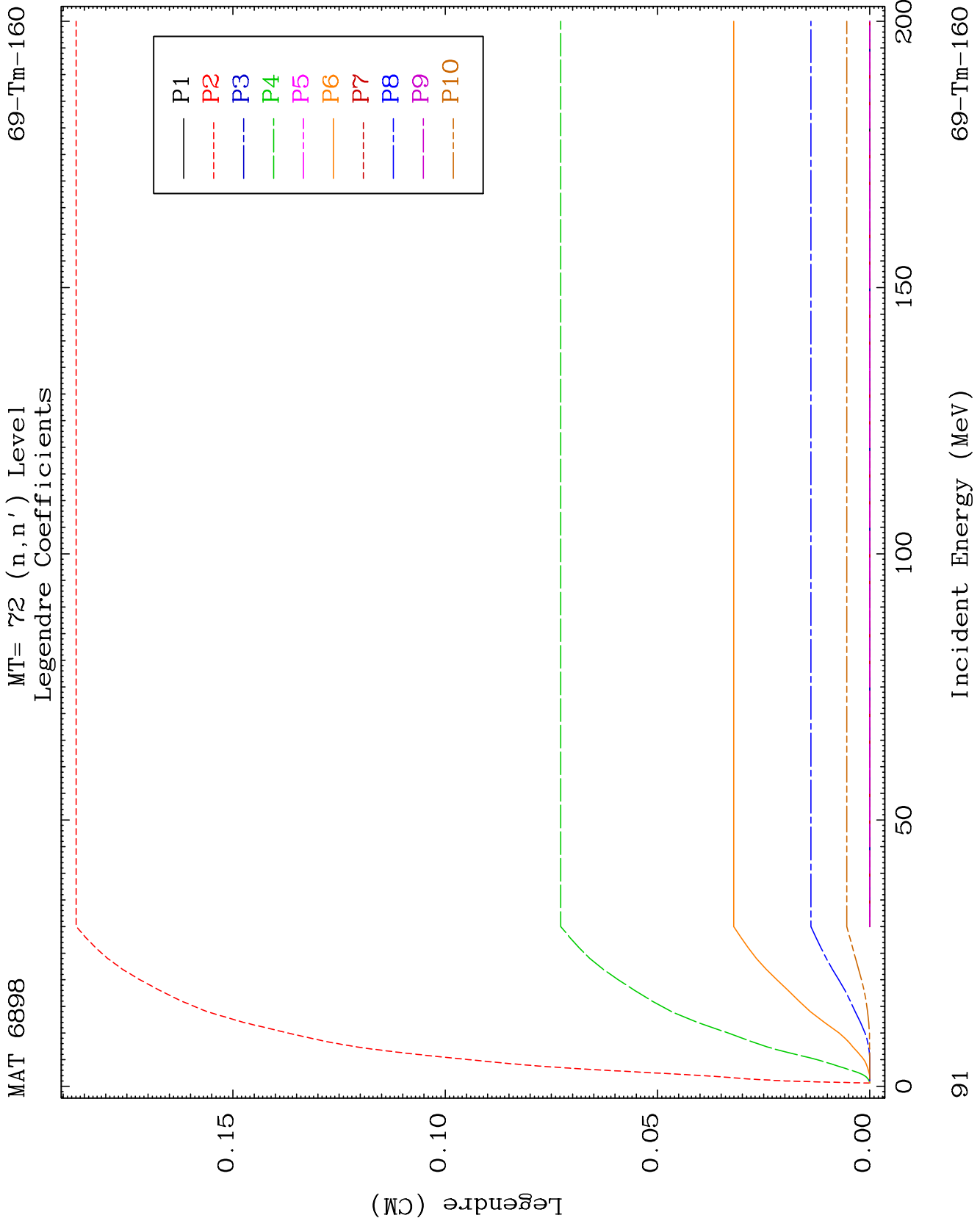








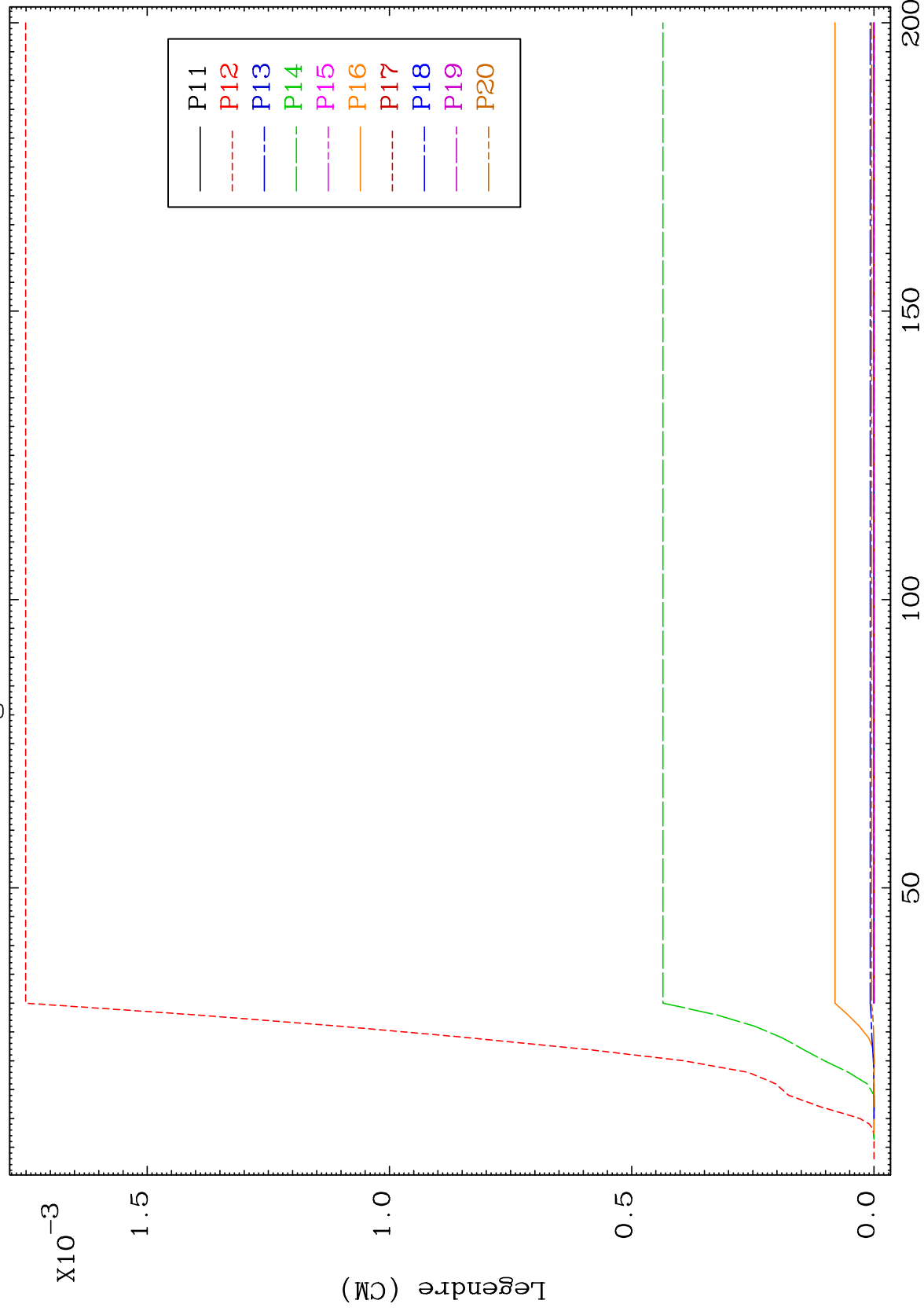




MAT 6898

MT= 72 (n,n') Level  
Legendre Coefficients

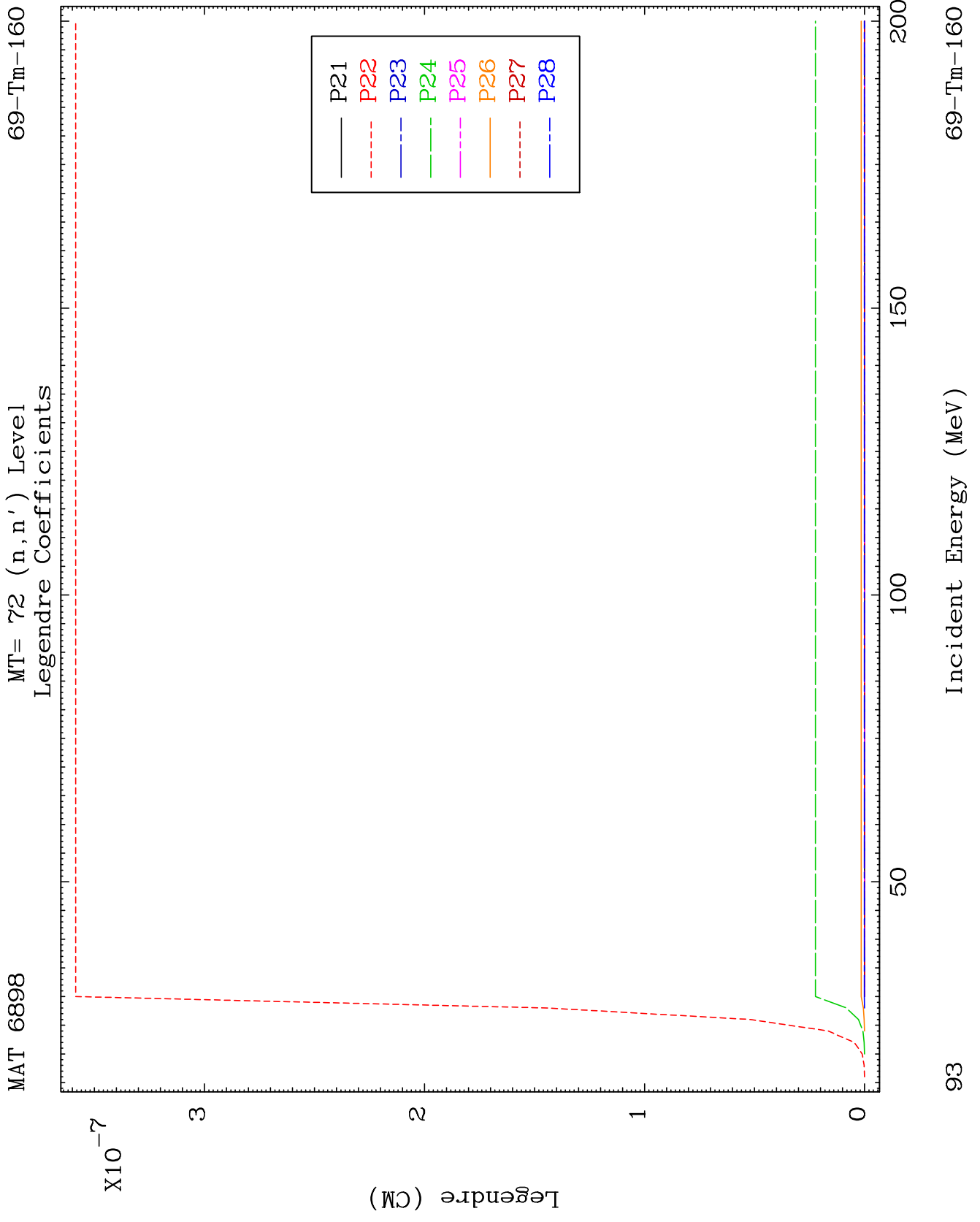
69-Tm-160



92

Incident Energy (MeV)

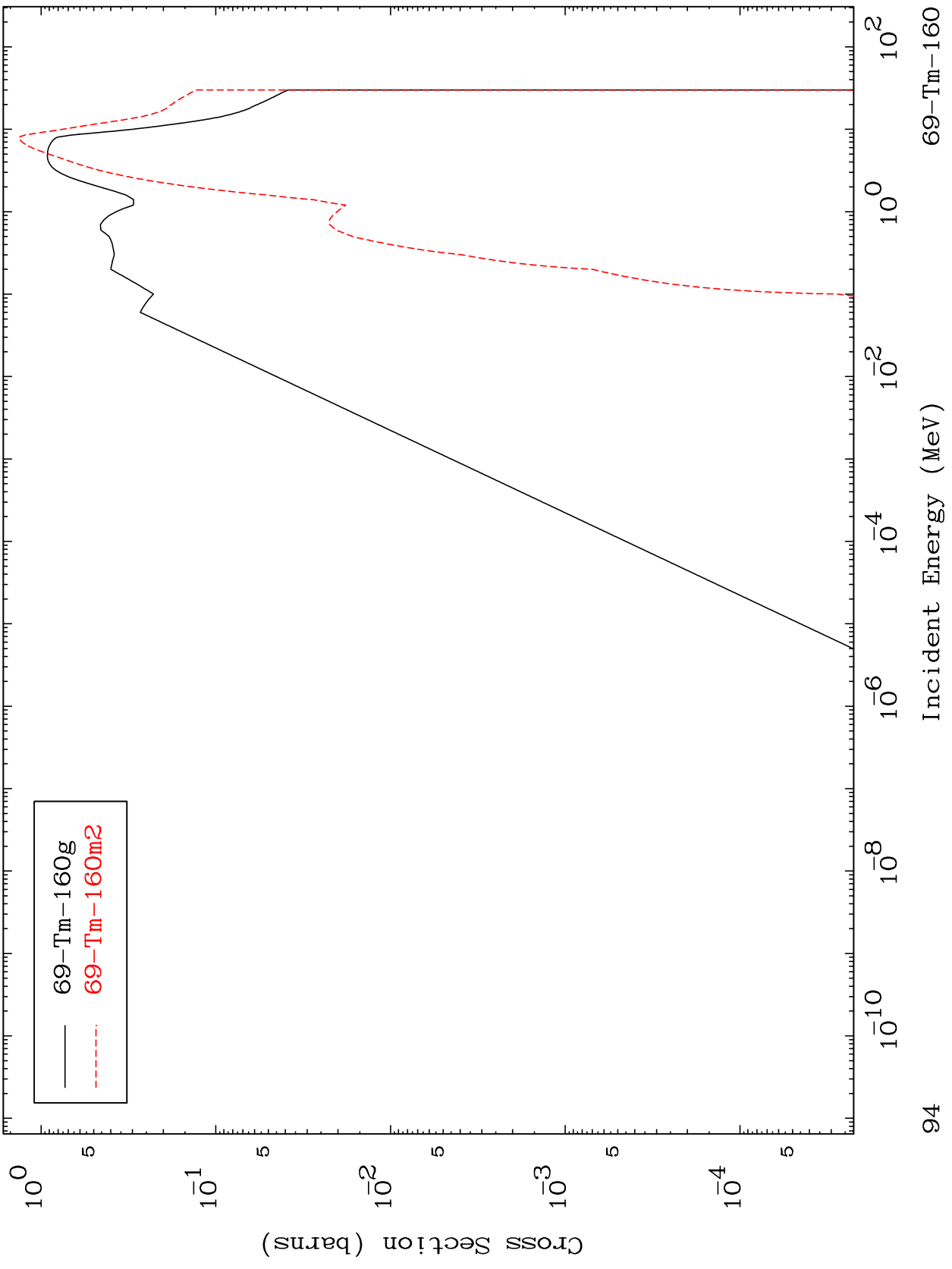
69-Tm-160



MAT 6898

Inelastic  
Radionuclide Production Cross Section

69-Tm-160



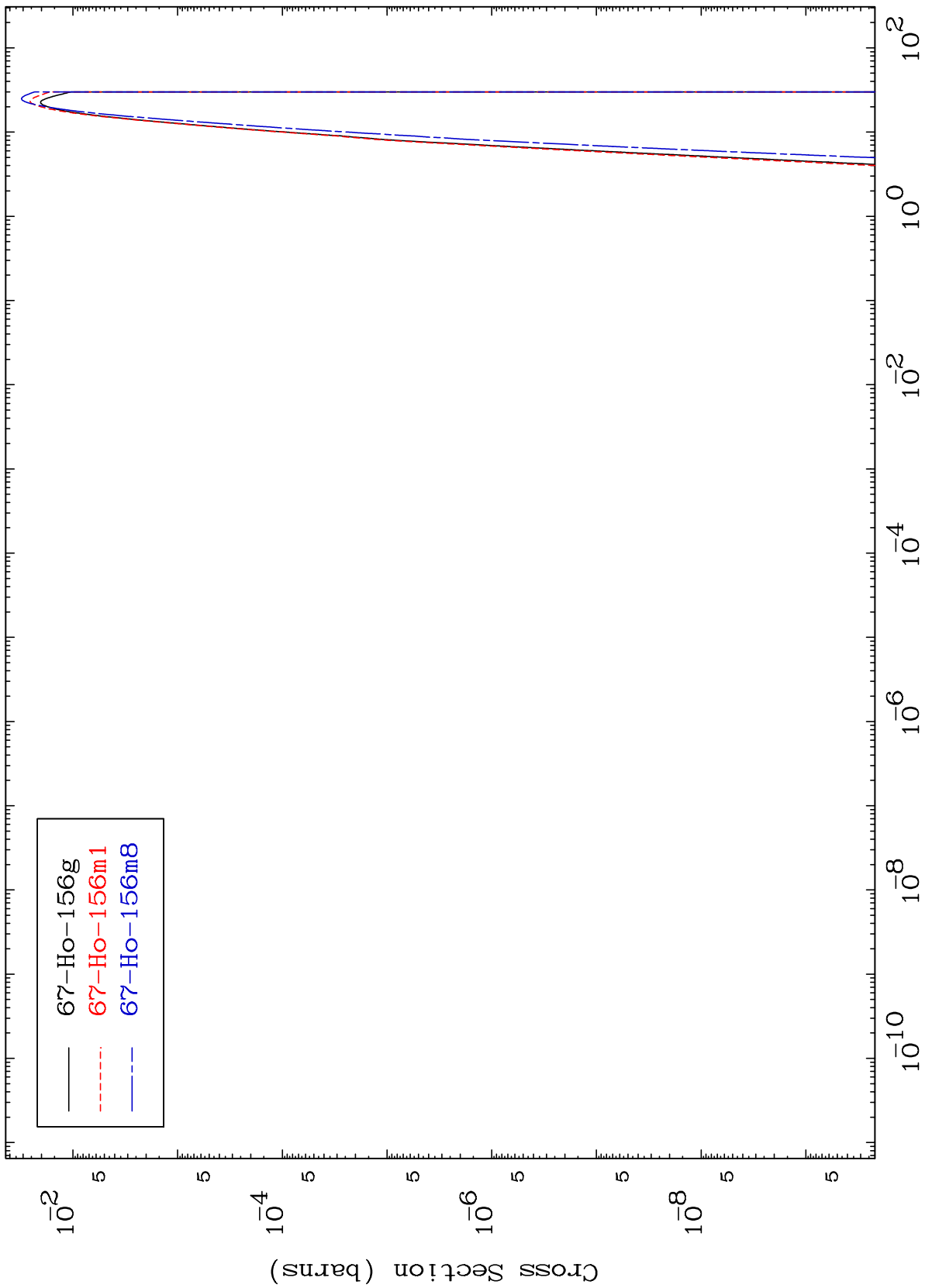
69-Tm-160g  
69-Tm-160m2

MAT 6898

$(n, n') \alpha$

69-Tm-160

Radionuclide Production Cross Section



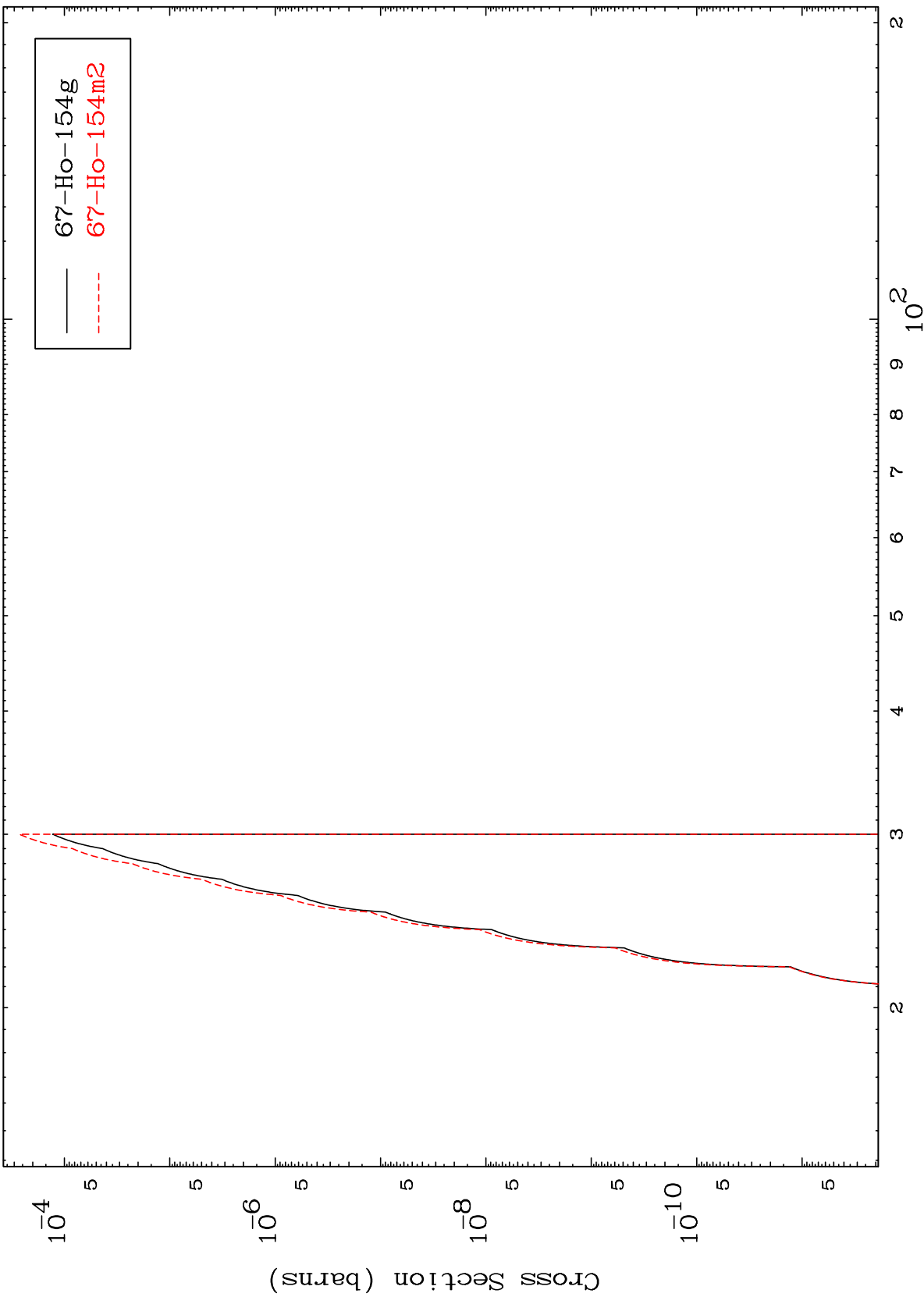
95

Incident Energy (MeV)

69-Tm-160



Radionuclide Production Cross Section

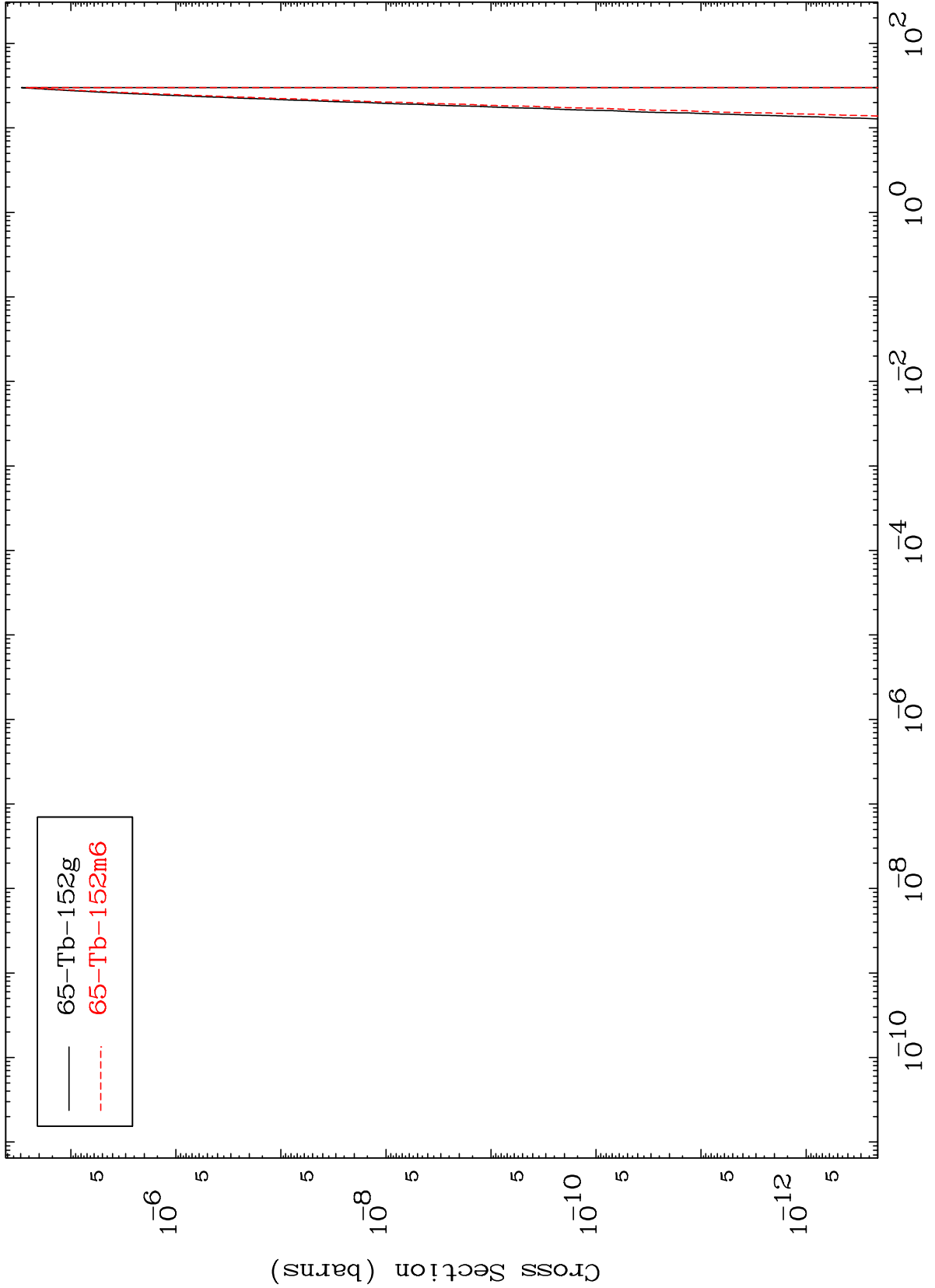


MAT 6898

(n,n') 2α

69-Tm-160

Radionuclide Production Cross Section

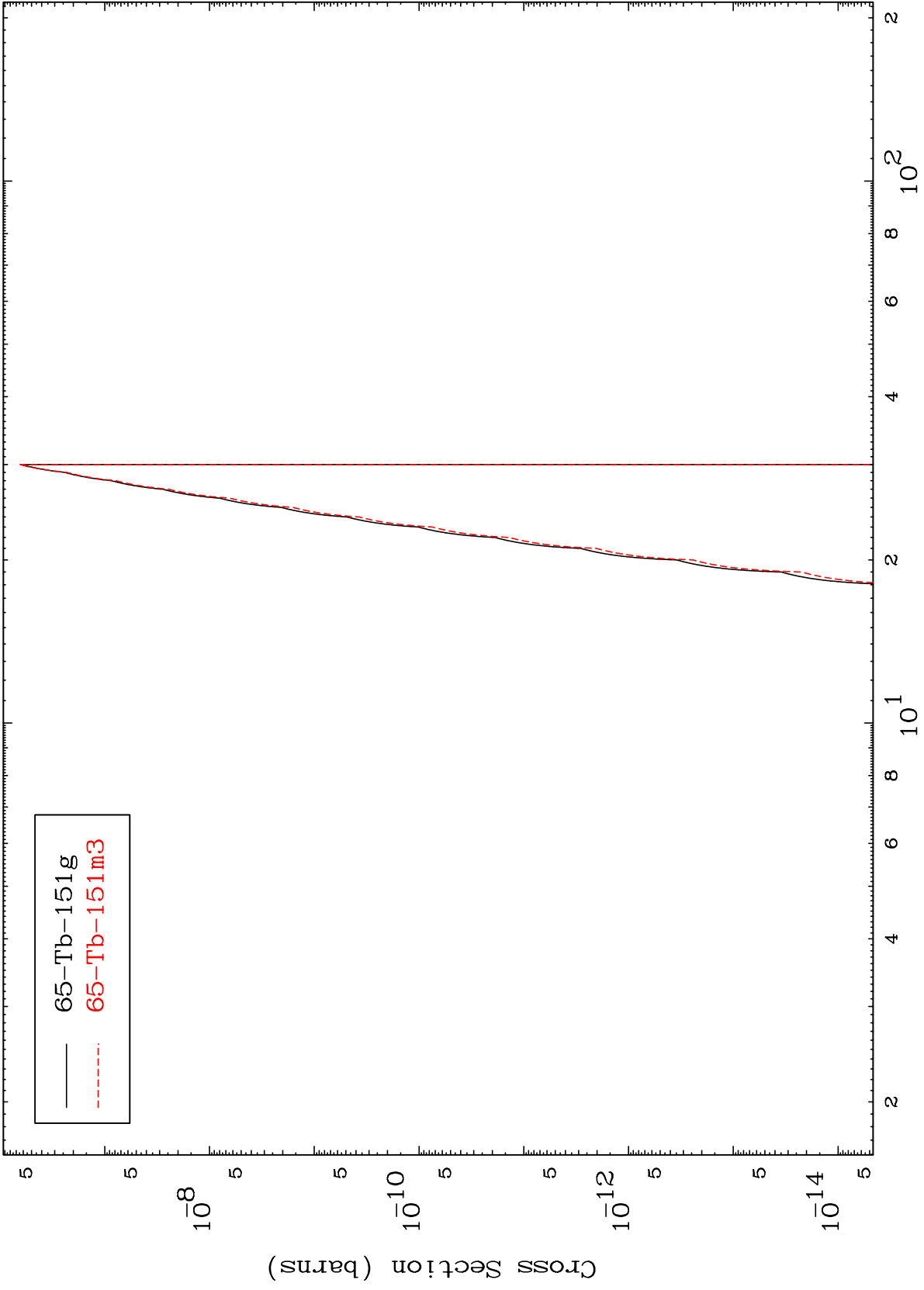


MAT 6898

(n,2n) 2α

69-Tm-160

Radionuclide Production Cross Section



98

Incident Energy (MeV)

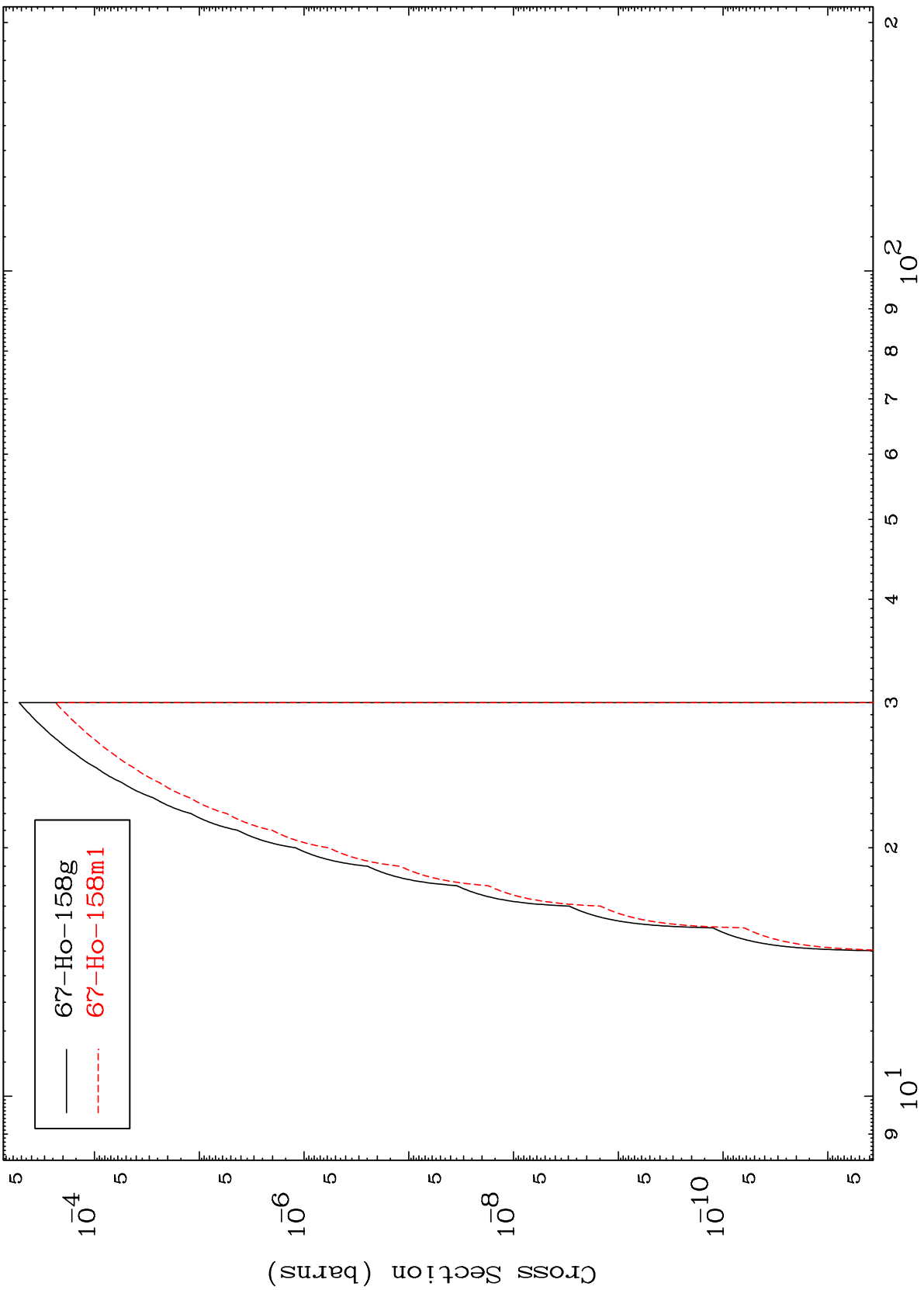
69-Tm-160

MAT 6898

(n,2n) p

69-Tm-160

Radionuclide Production Cross Section



67-Ho-158g  
67-Ho-158m1

99

Incident Energy (MeV)

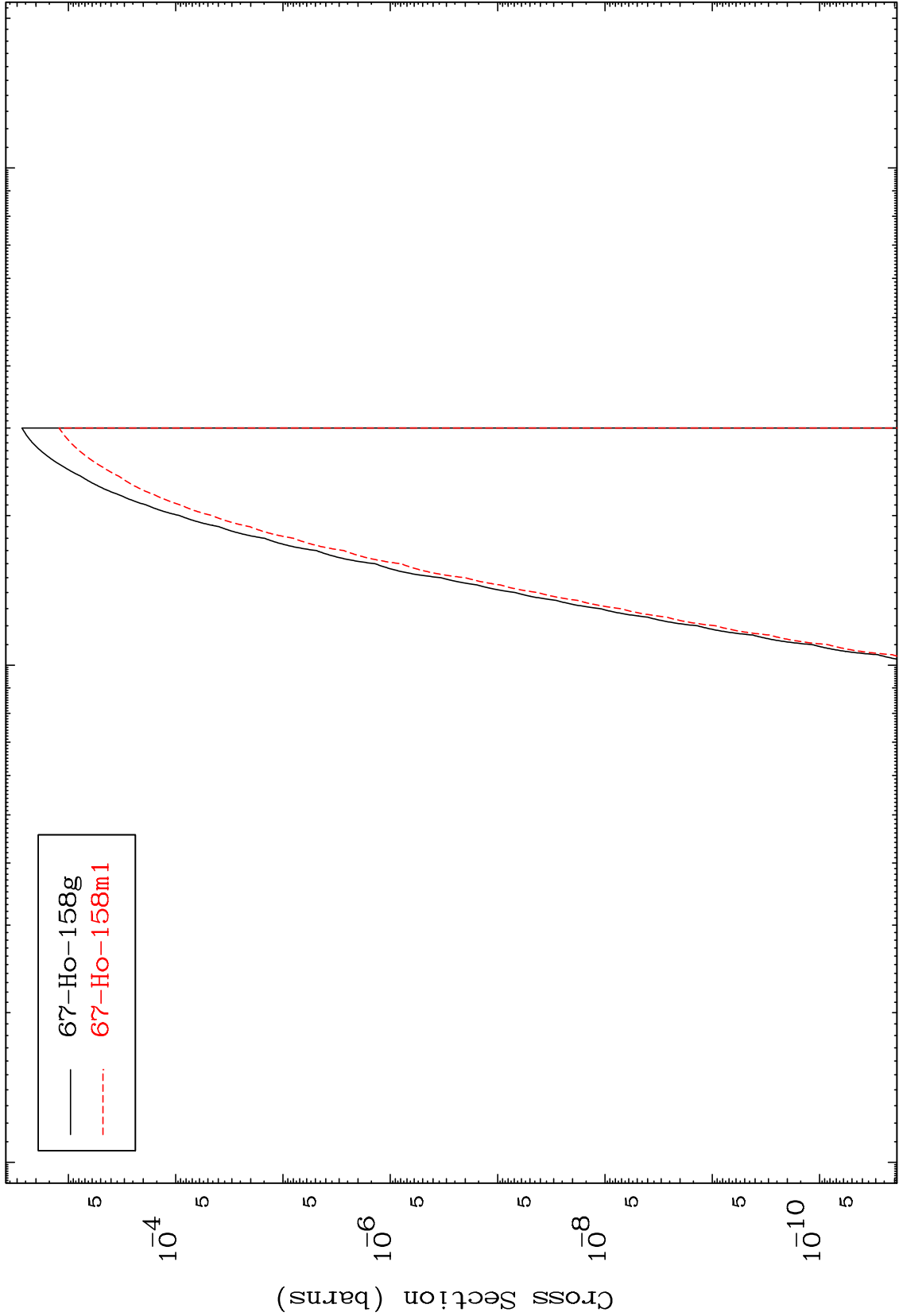
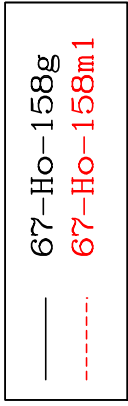
69-Tm-160

MAT 6898

(n,He-3)

69-Tm-160

Radionuclide Production Cross Section



10<sup>0</sup> 10<sup>1</sup> 10<sup>2</sup>

Incident Energy (MeV)

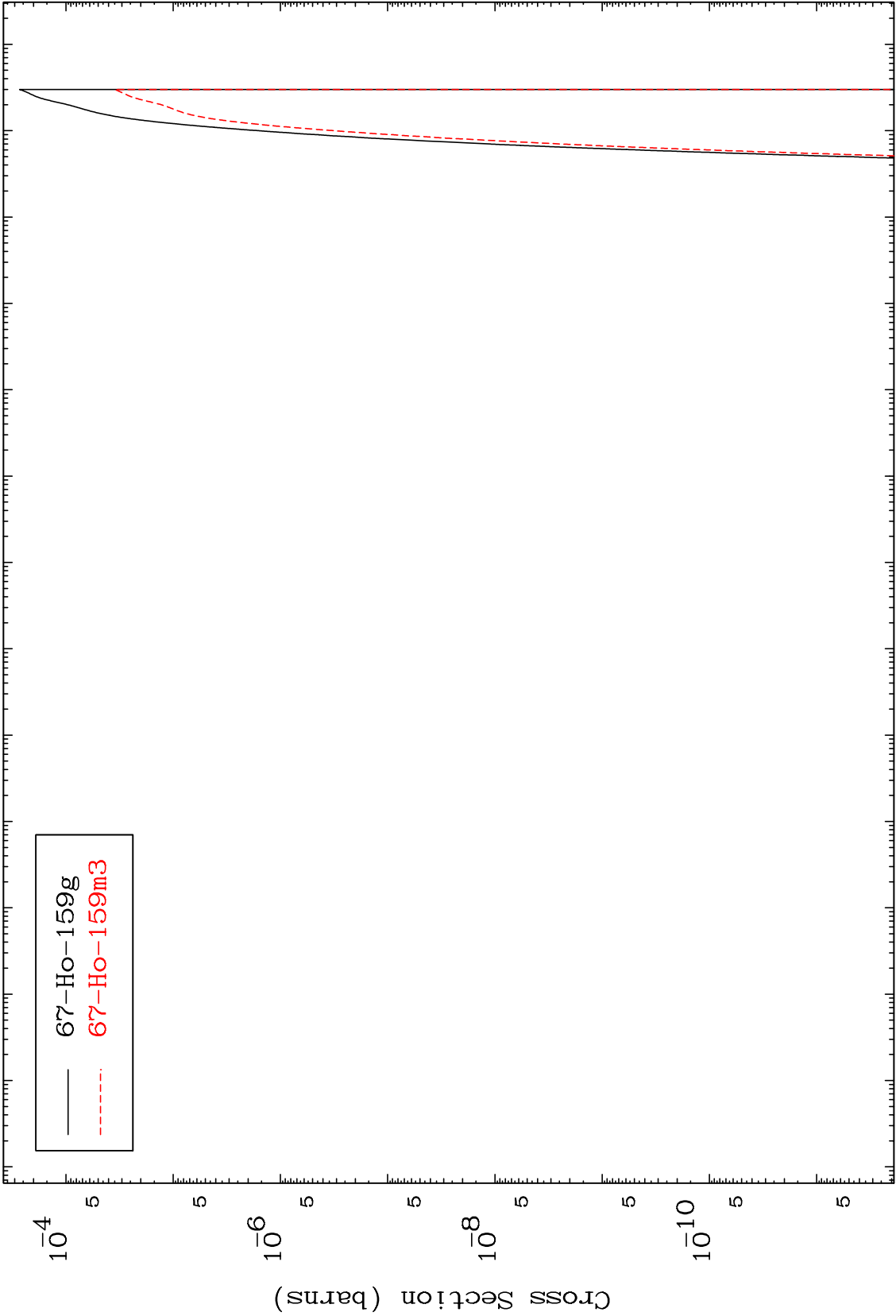
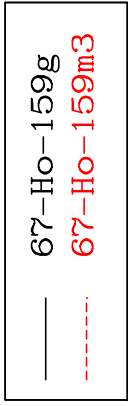
69-Tm-160

MAT 6898

(n,2p)

69-Tm-160

Radionuclide Production Cross Section



69-Tm-160

10<sup>0</sup>

10<sup>-2</sup>

10<sup>-4</sup>

10<sup>-6</sup>

10<sup>-8</sup>

10<sup>-10</sup>

10<sup>-4</sup>

10<sup>-2</sup>

Incident Energy (MeV)

69-Tm-160

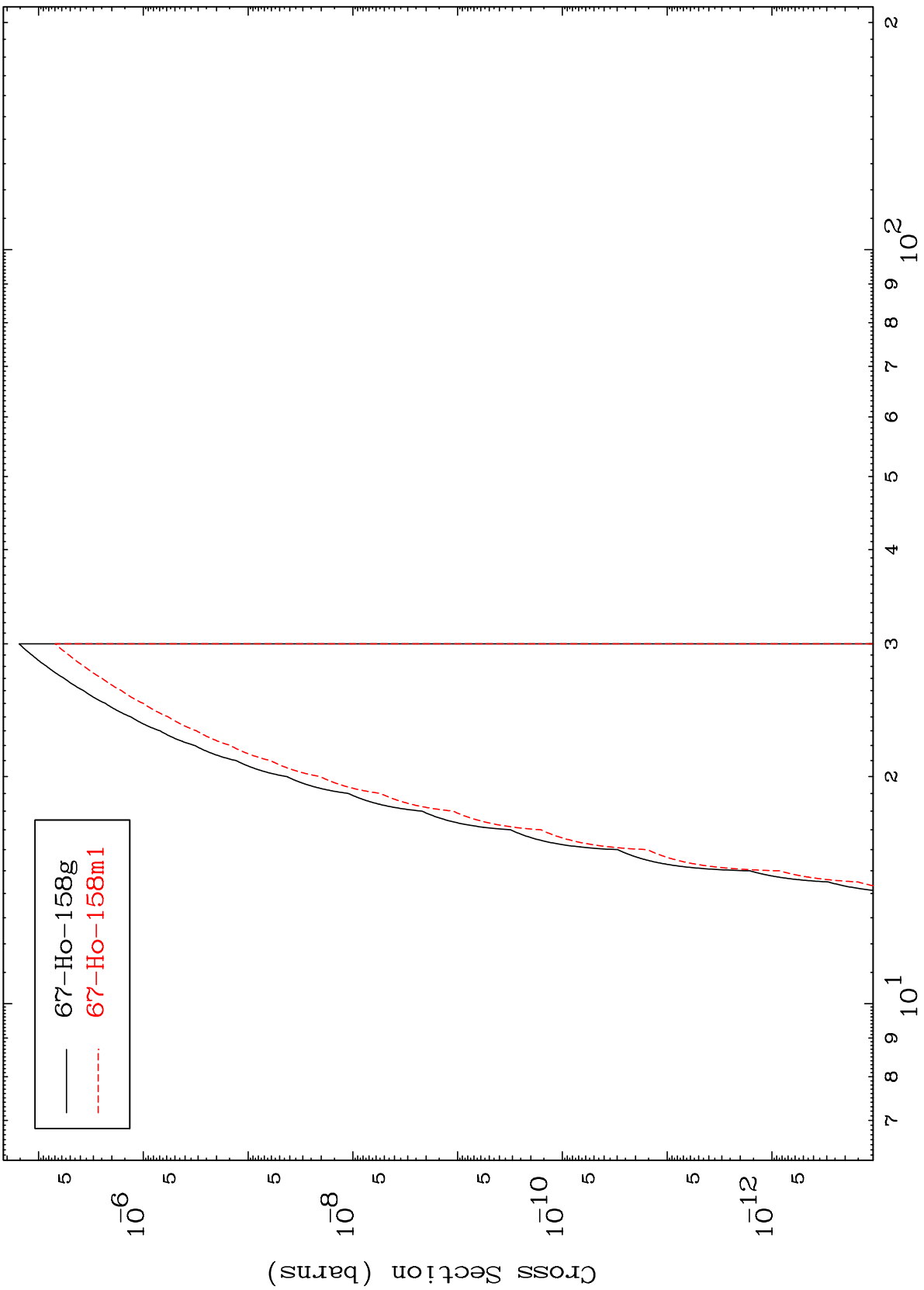
101

MAT 6898

(n,p) d

69-Tm-160

Radionuclide Production Cross Section



102

Incident Energy (MeV)

69-Tm-160