

Program EVALPLOT  
(Version 2021-1)

by

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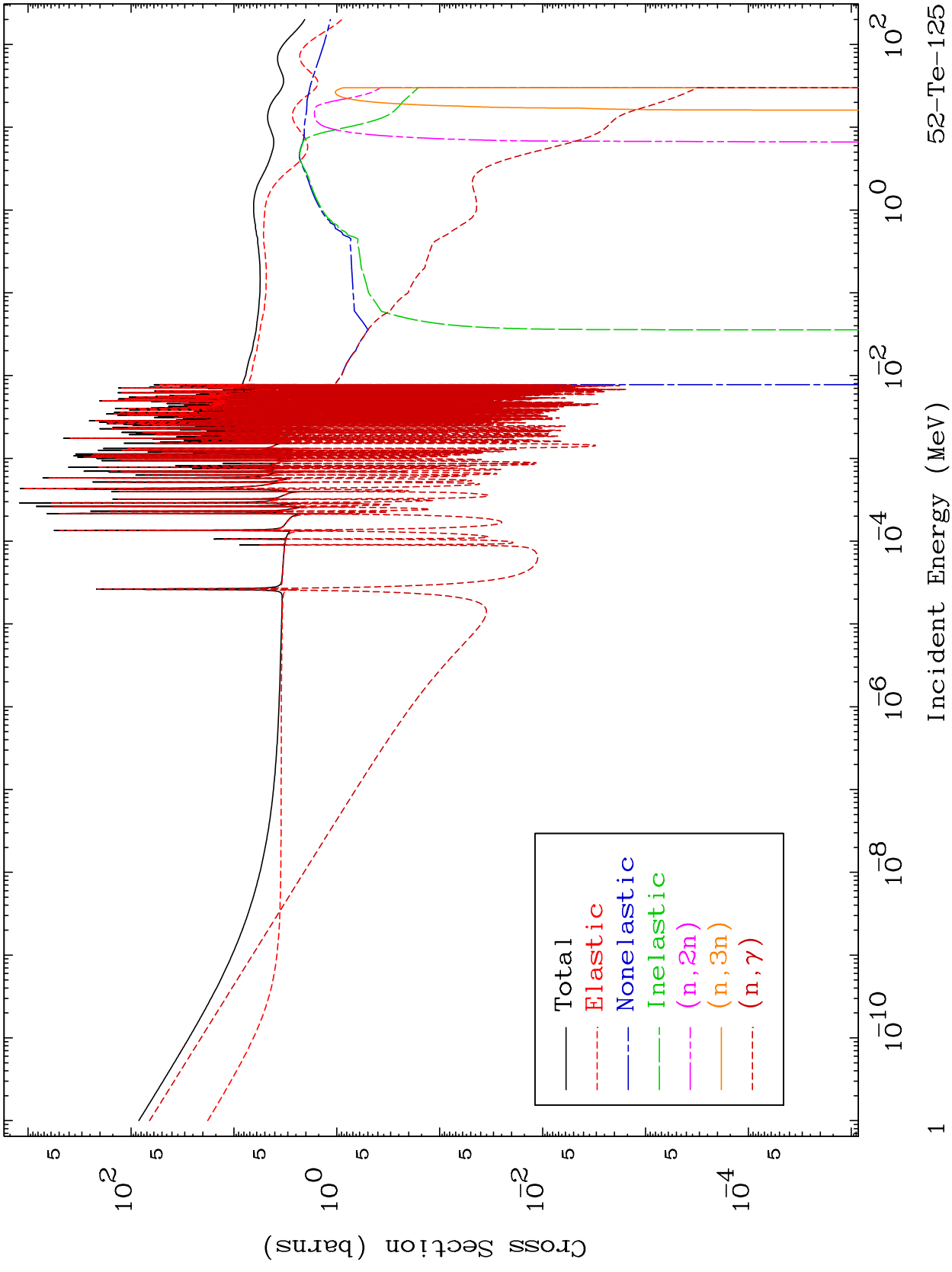
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Web:redcullen1.net/HOMEPAGE.NEW

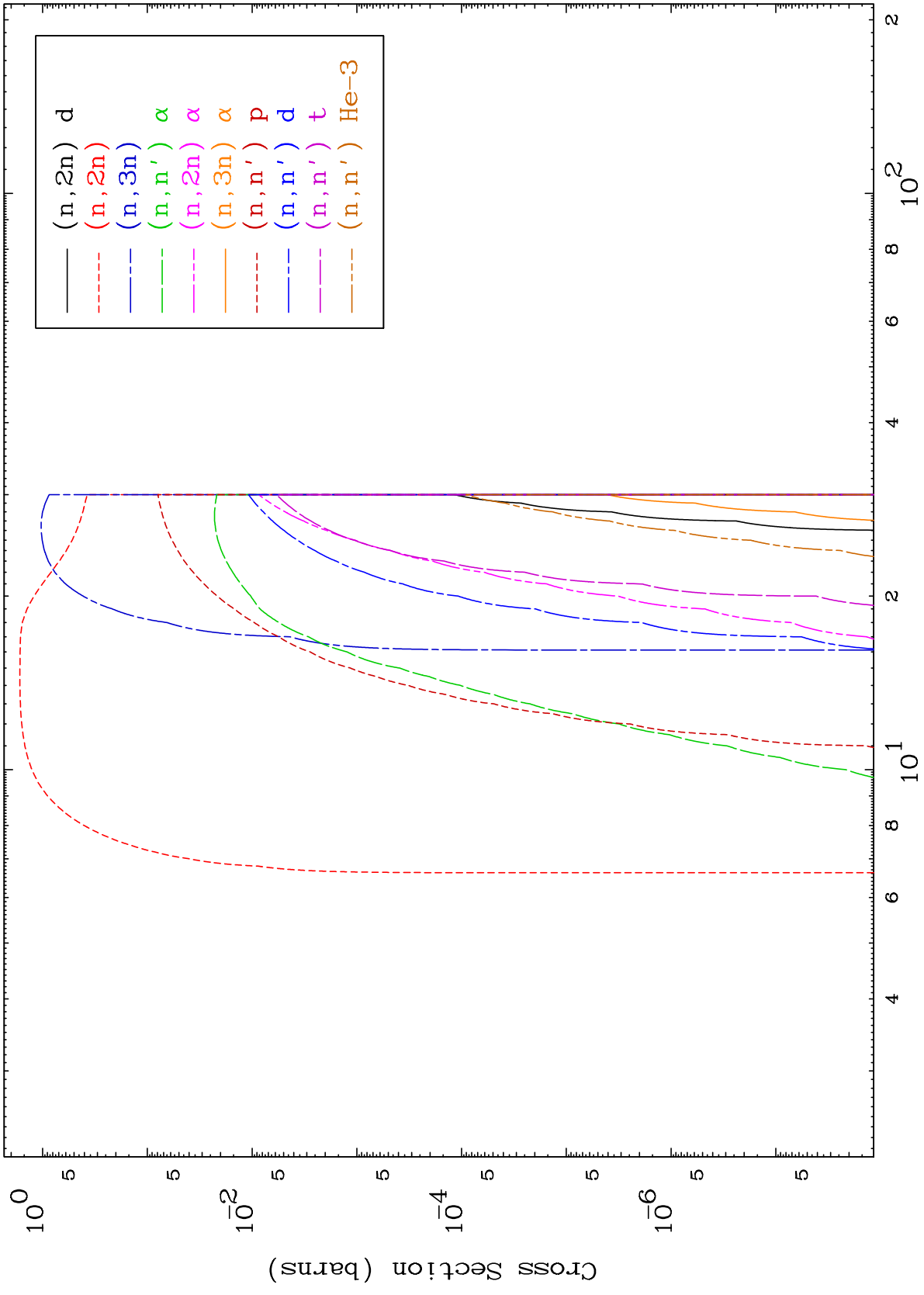
Press Mouse Button to Start

MAT 5240

Neutron Major  
293 Kelvin Cross Sections

52-Te-125

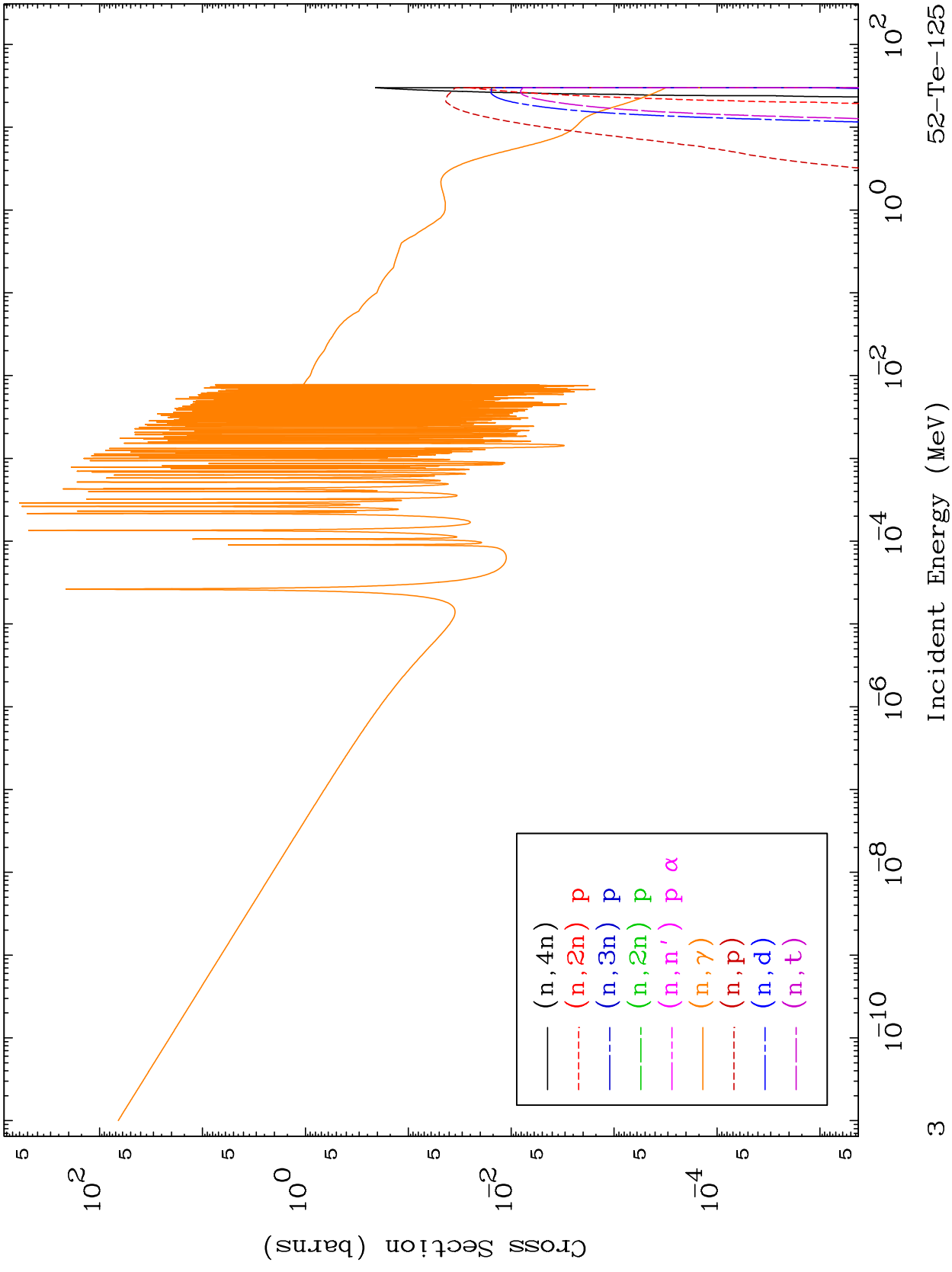


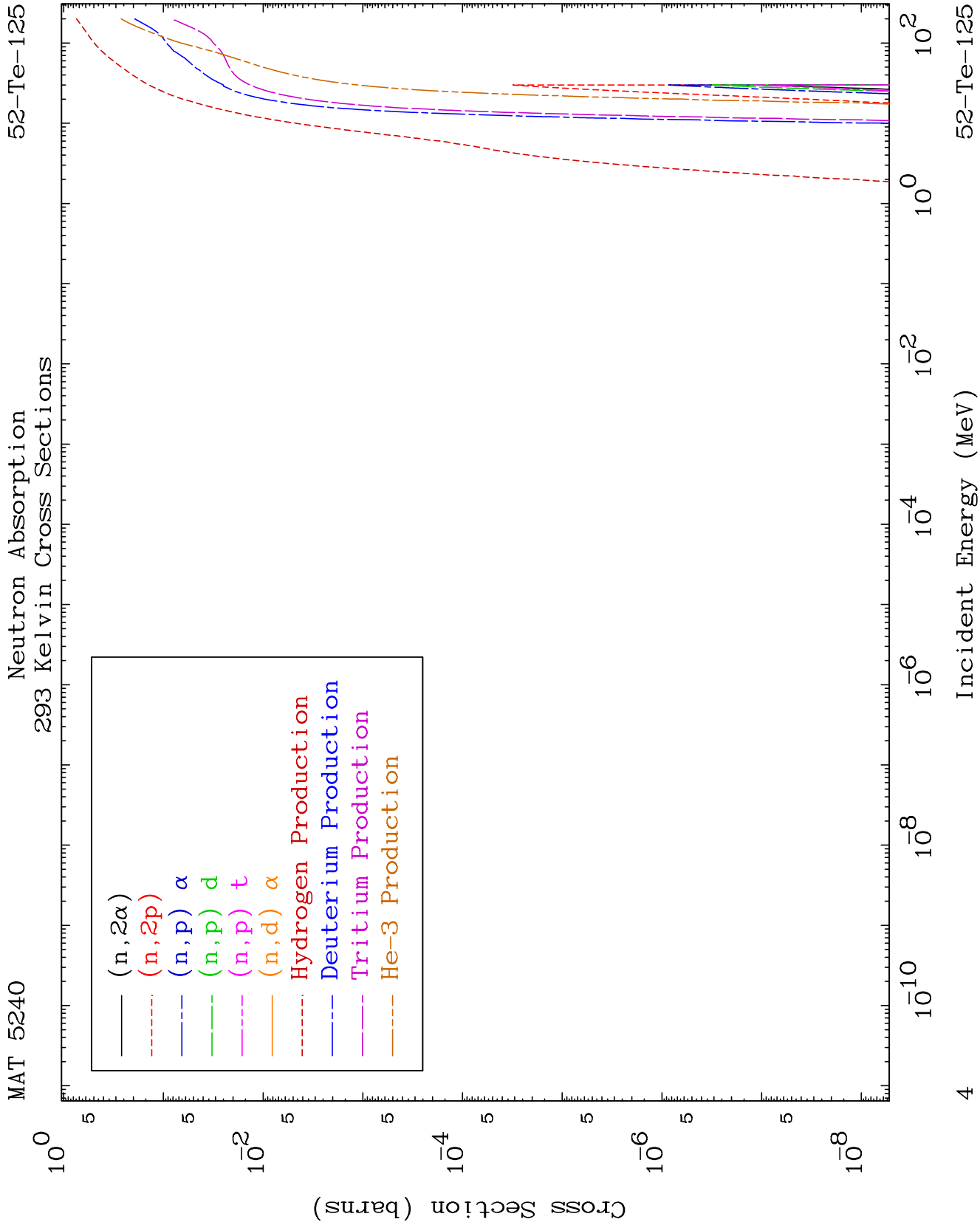


MAT 5240

Neutron Absorption  
293 Kelvin Cross Sections

52-Te-125

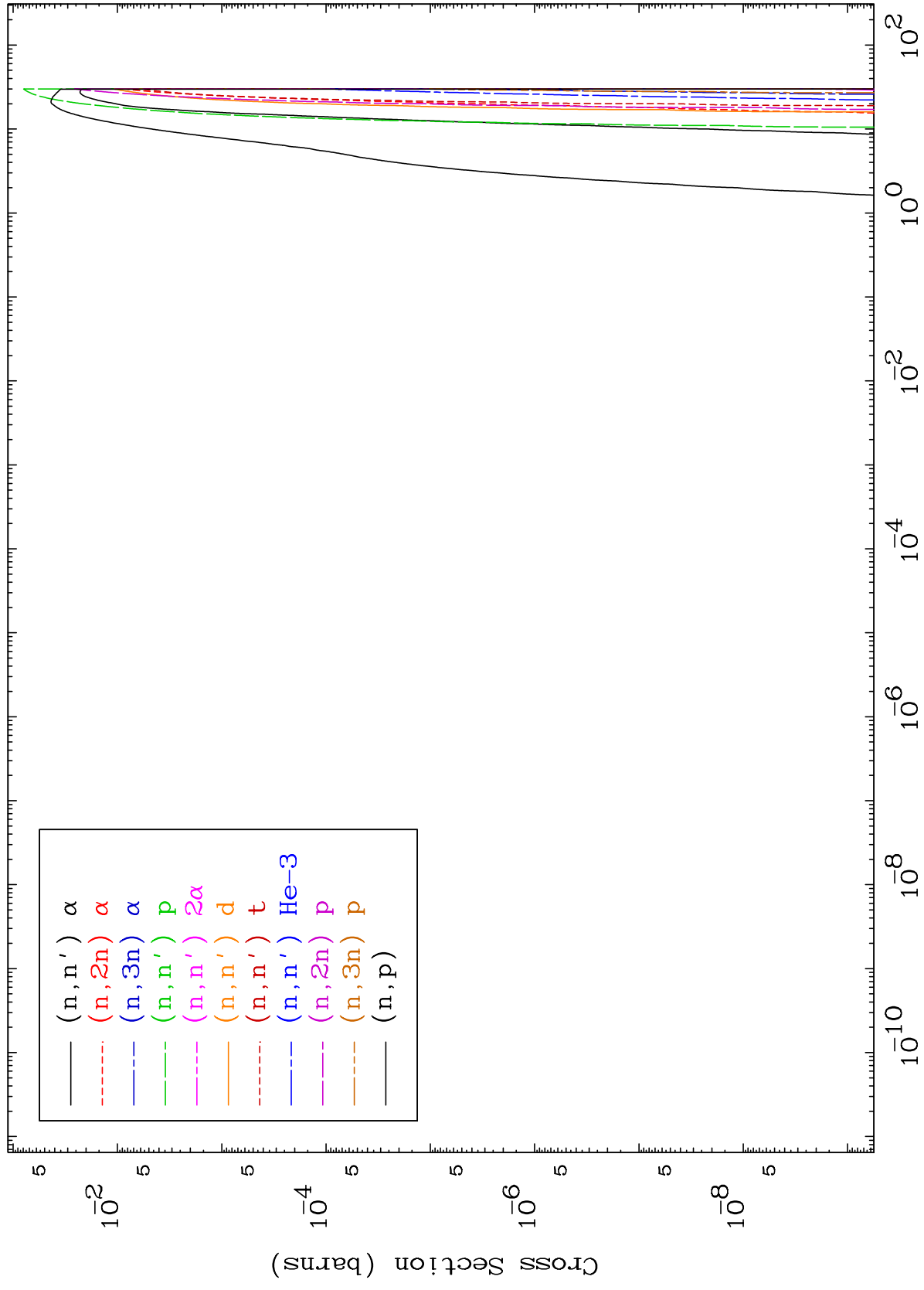




MAT 5240

293 Kelvin Cross Sections

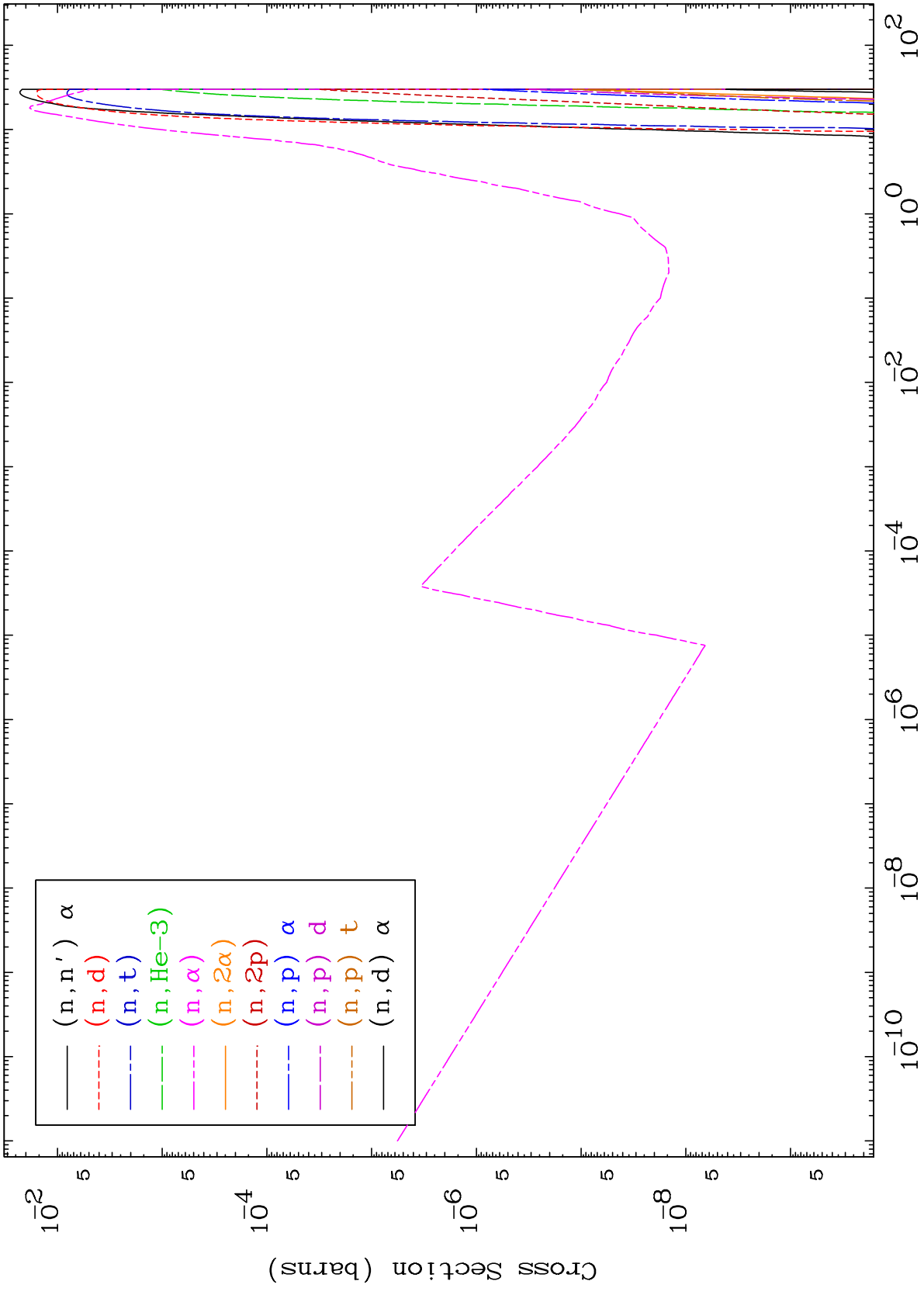
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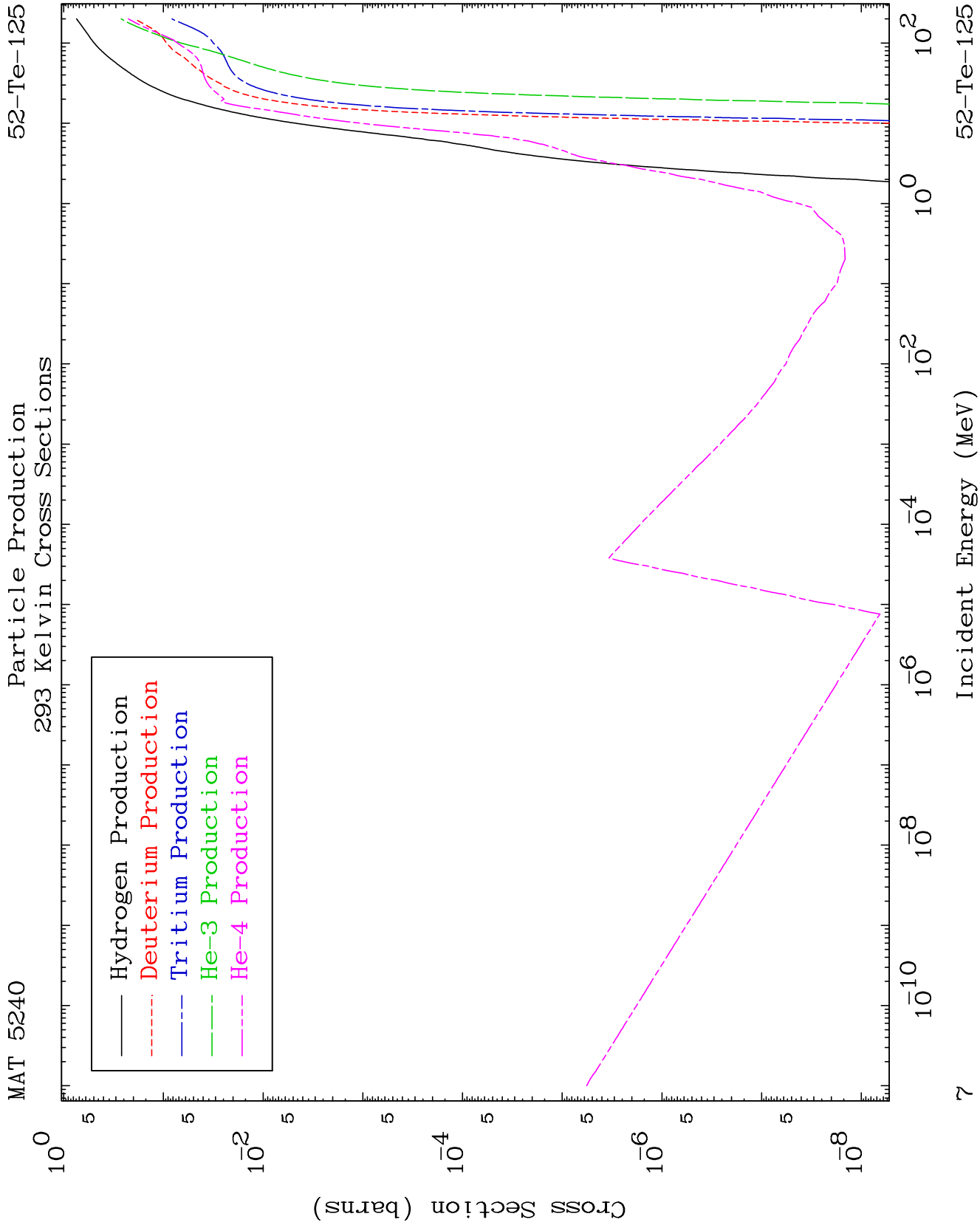


MAT 5240

293 Kelvin Cross Sections

52-Te-125



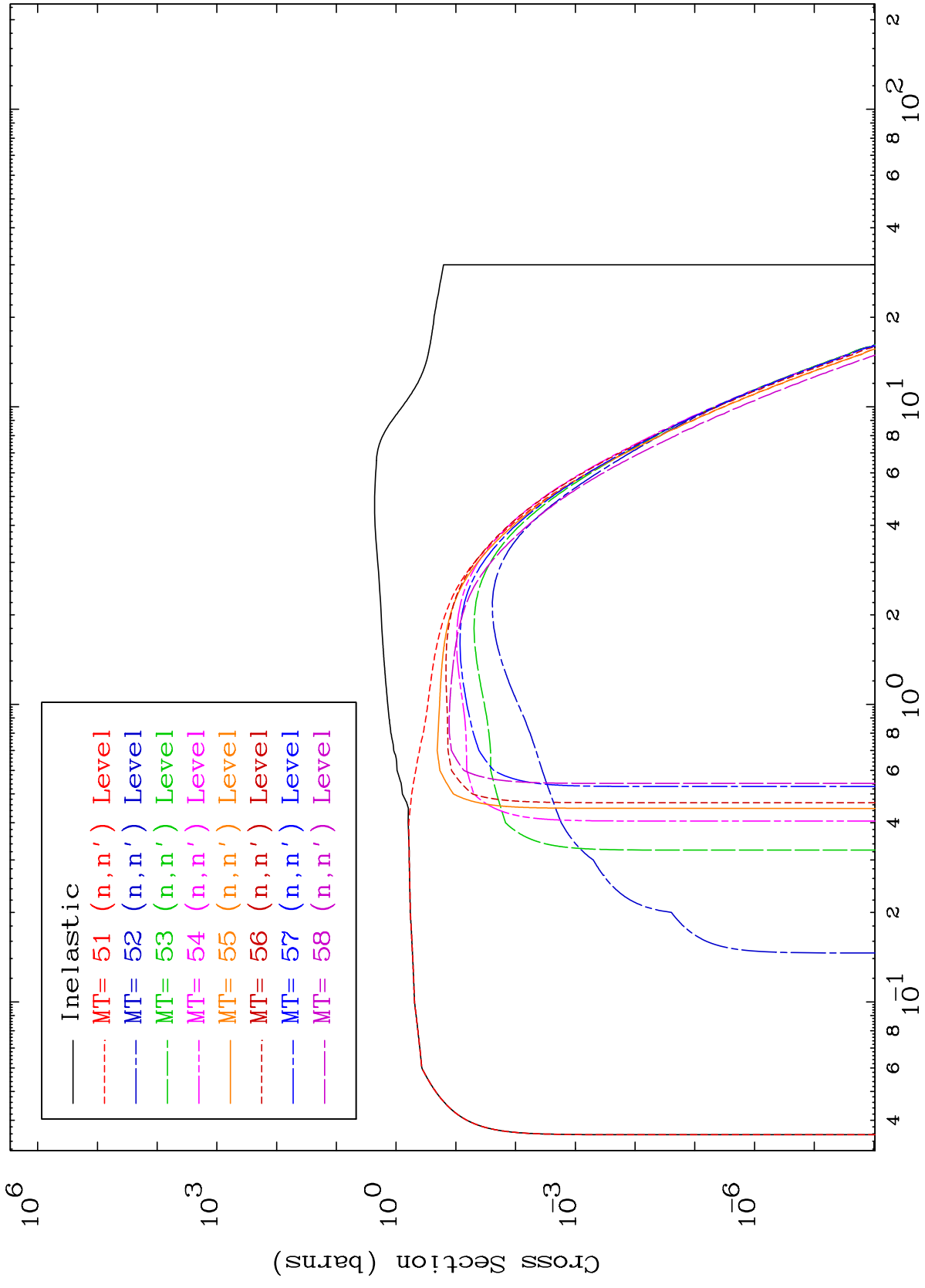




MAT 5240

(n,n') Levels  
293 Kelvin Cross Sections

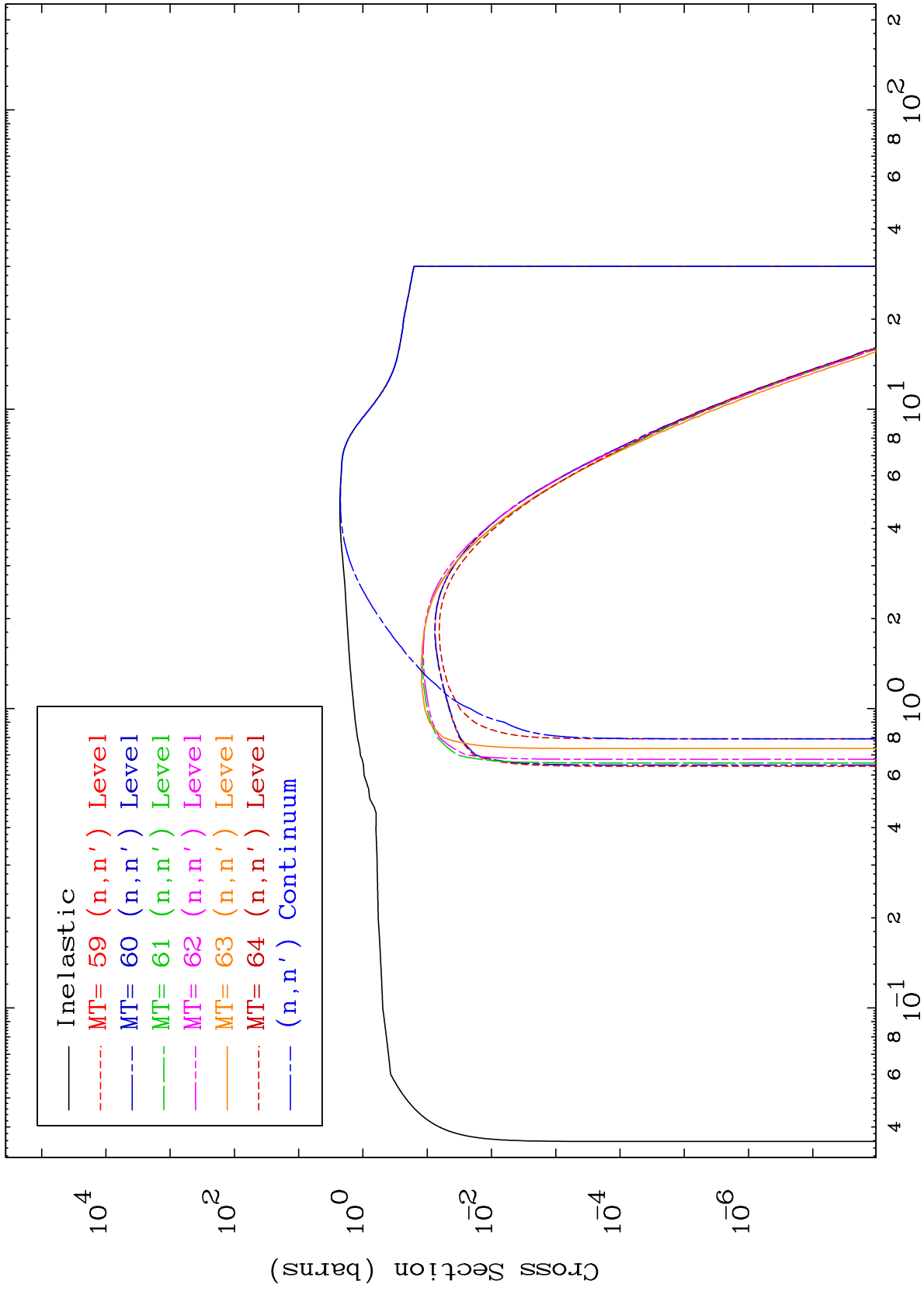
52-Te-125



MAT 5240

(n,n') Levels  
293 Kelvin Cross Sections

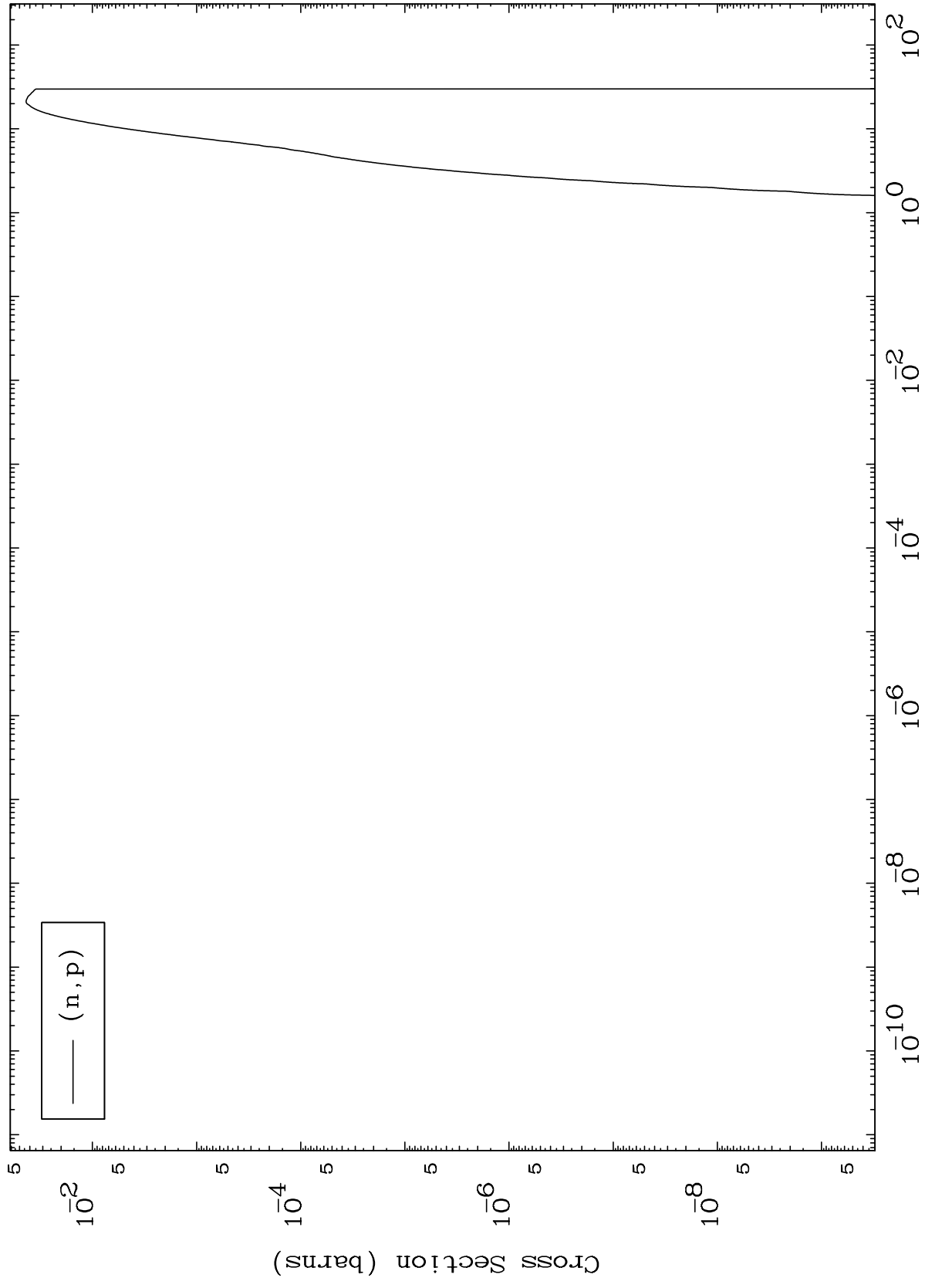
52-Te-125



MAT 5240

(n,p) Levels  
293 Kelvin Cross Sections

52-Te-125



10

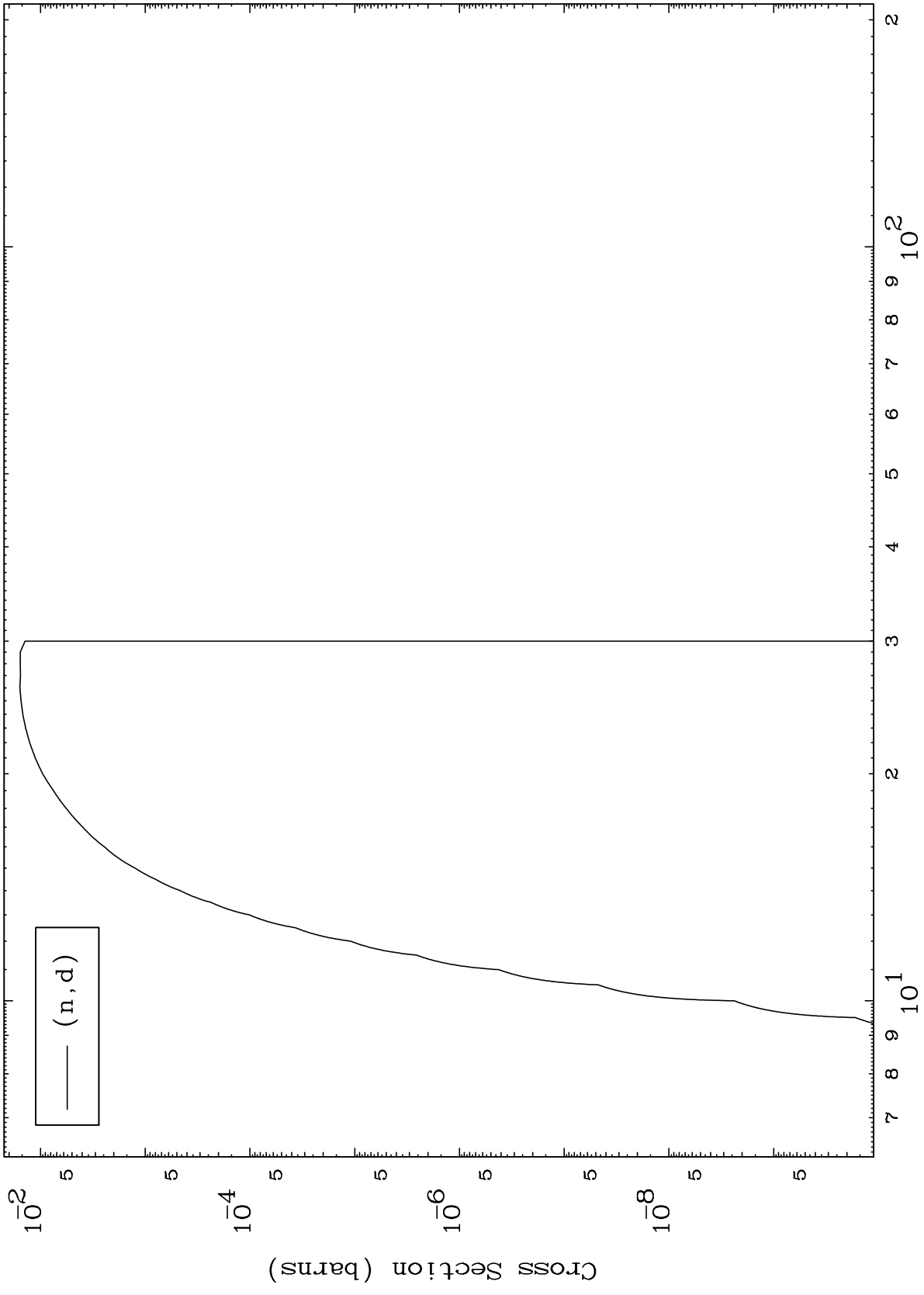
Incident Energy (MeV)

52-Te-125

MAT 5240

(n,d) Levels  
293 Kelvin Cross Sections

52-Te-125



11

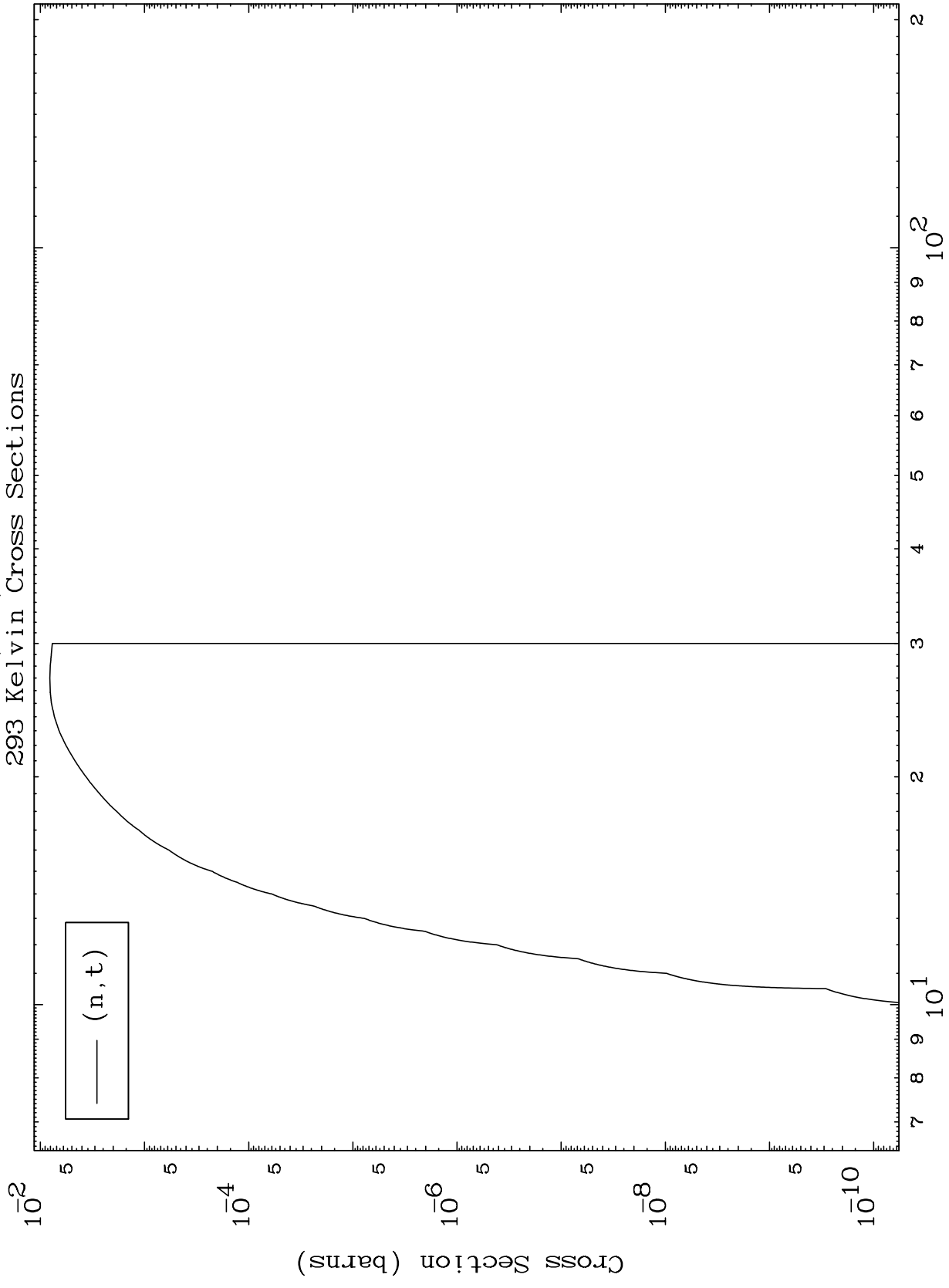
Incident Energy (MeV)

52-Te-125

MAT 5240

(n,t) Levels  
293 Kelvin Cross Sections

52-Te-125



12

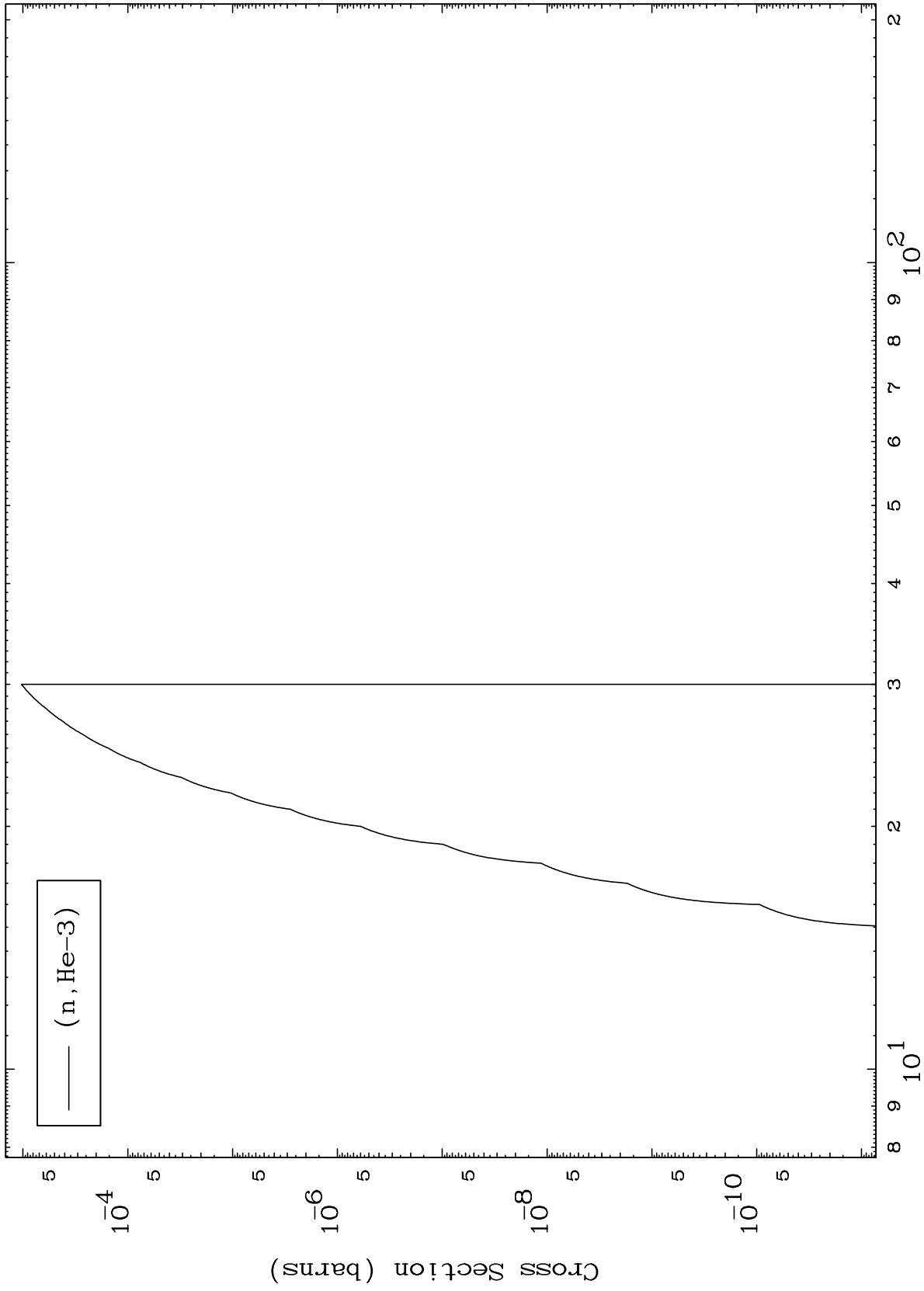
Incident Energy (MeV)

52-Te-125

MAT 5240

(n,He3) Levels  
293 Kelvin Cross Sections

52-Te-125



13

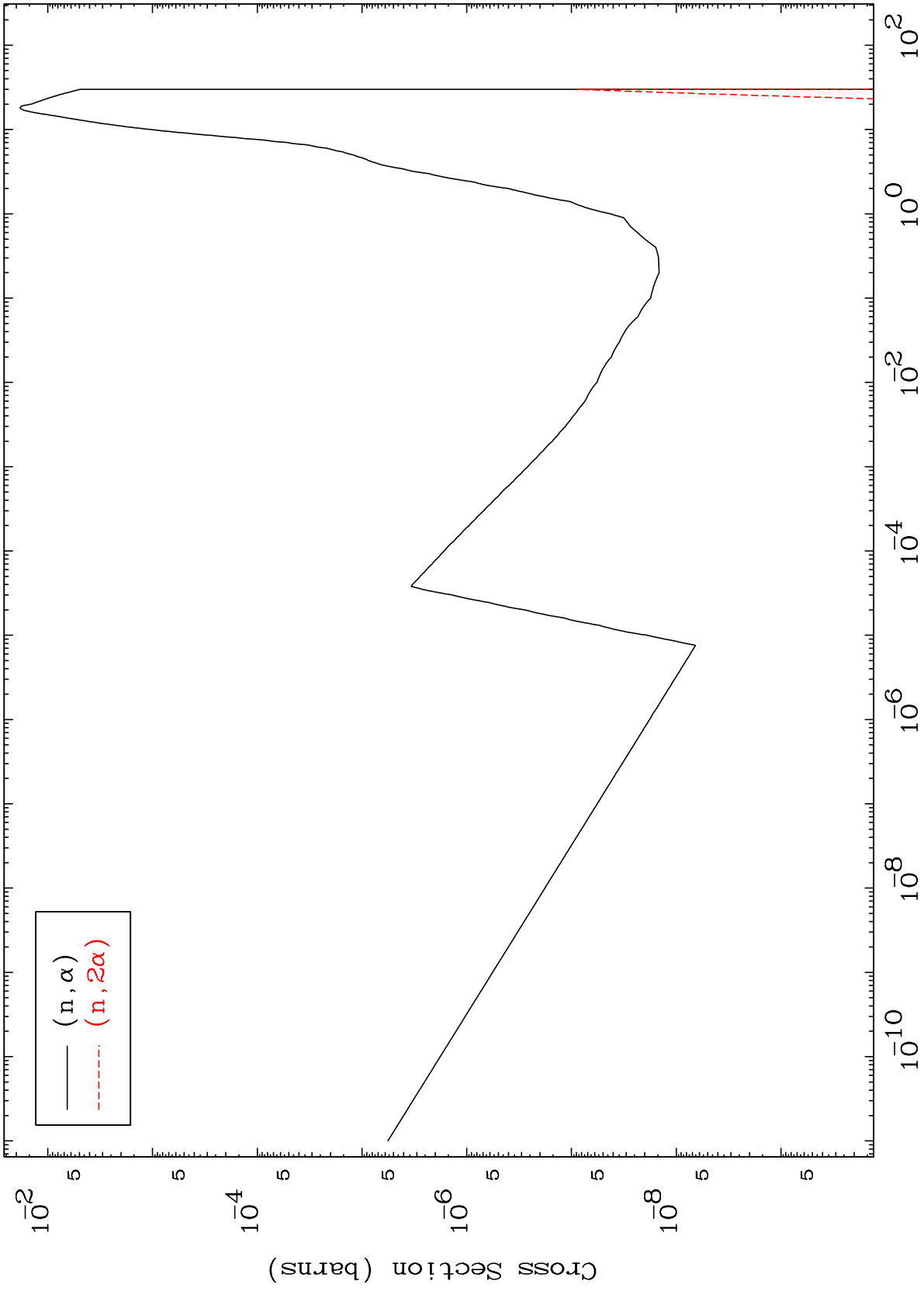
Incident Energy (MeV)

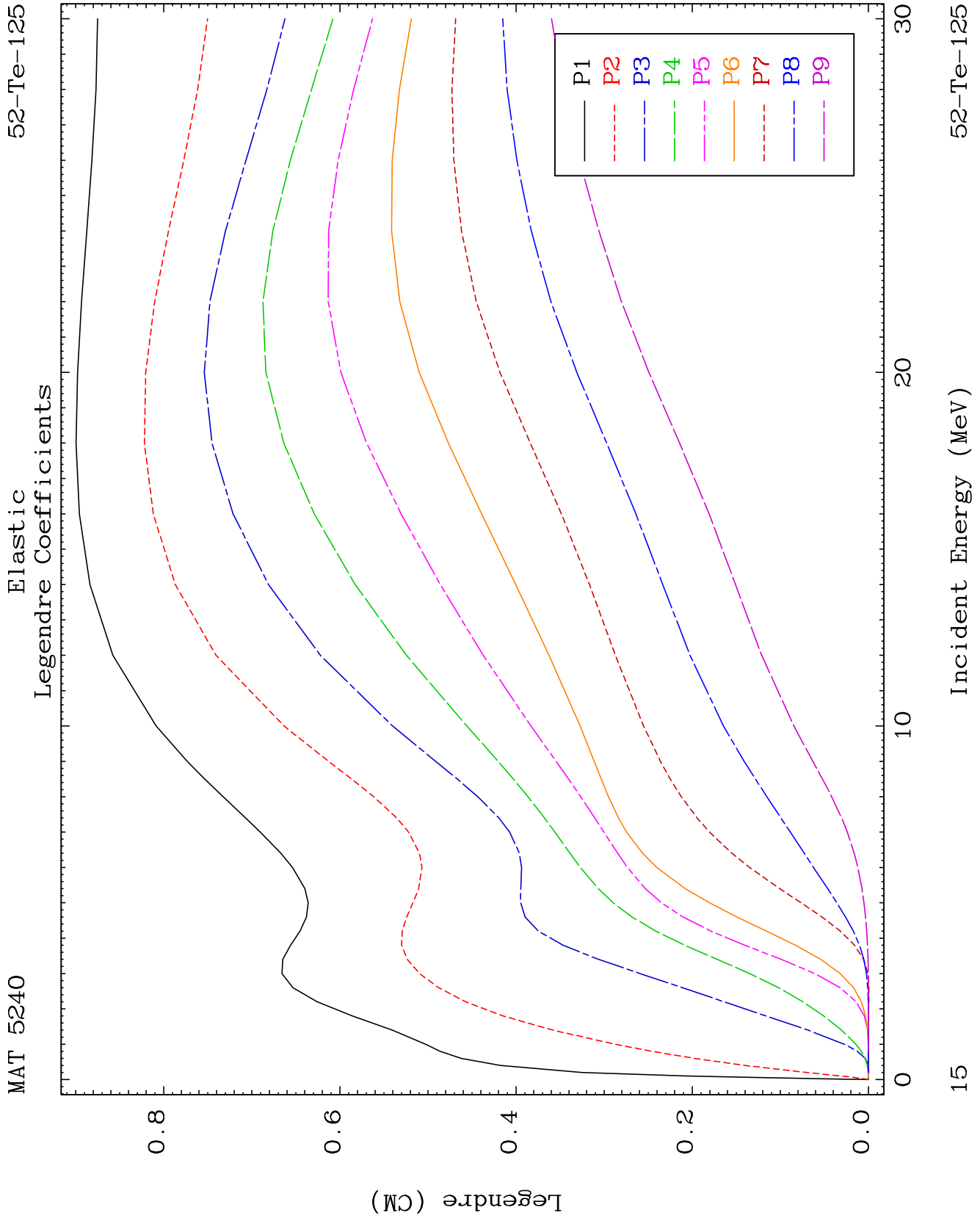
52-Te-125

MAT 5240

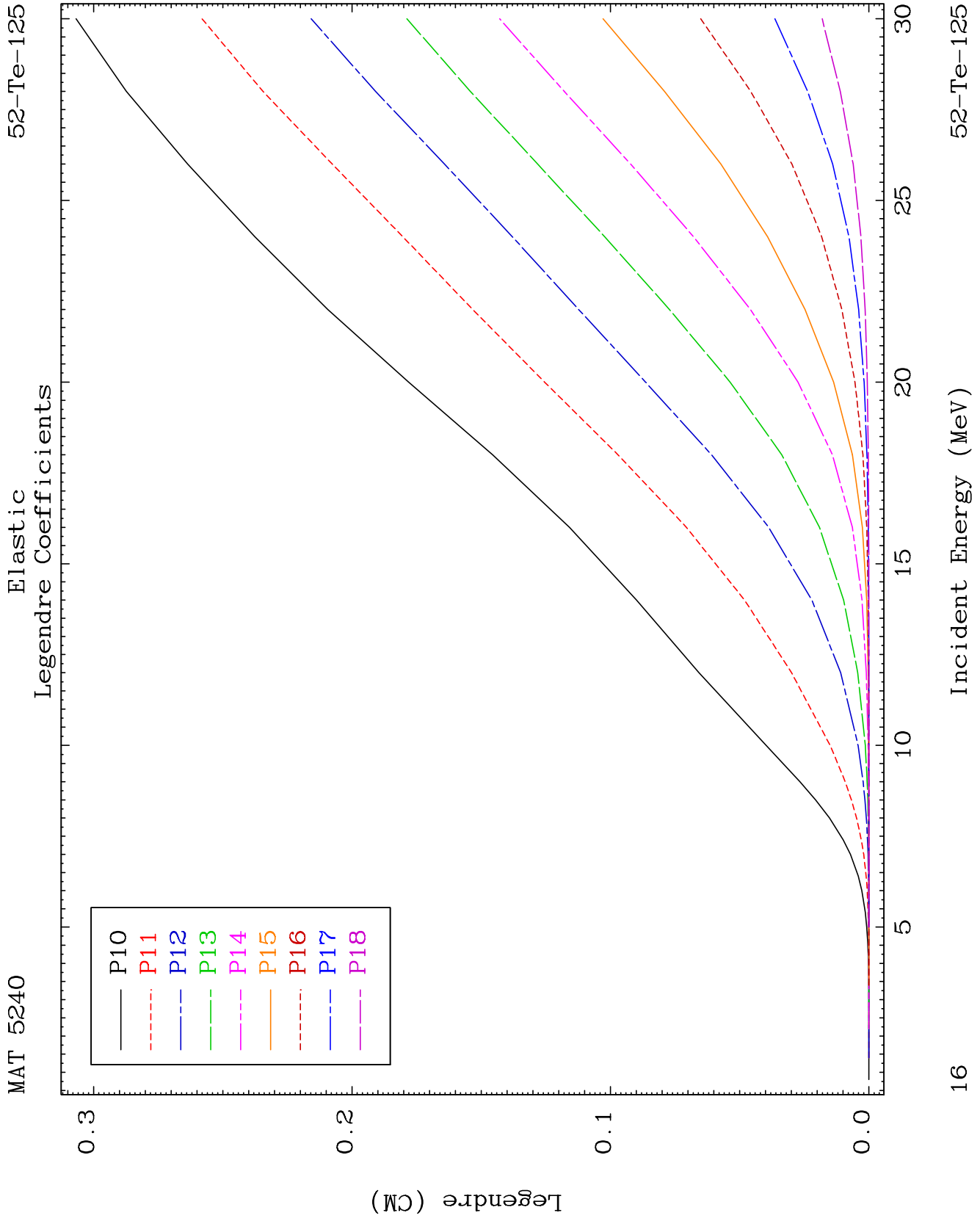
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

52-Te-125





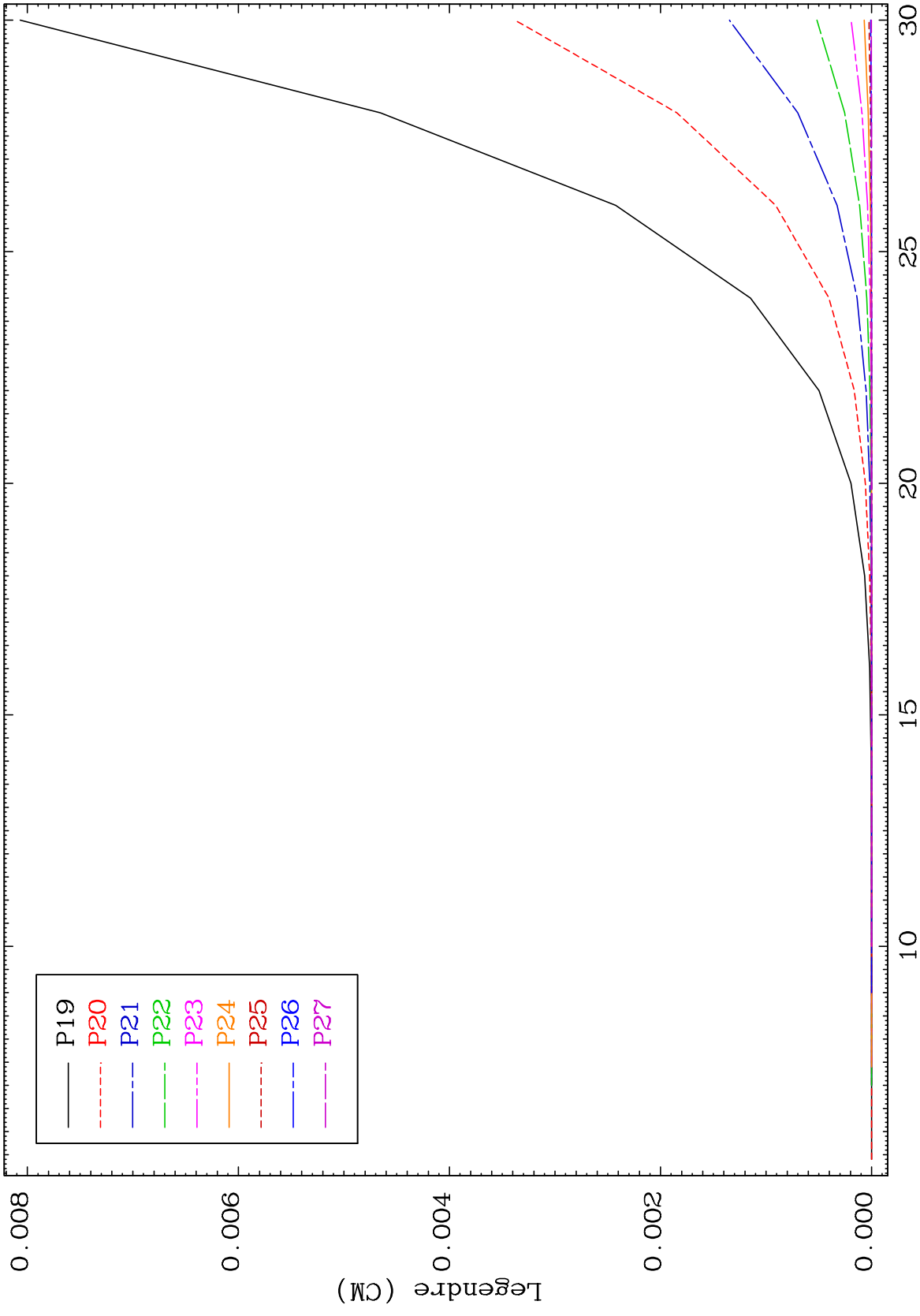




MAT 5240

Elastic Legendre Coefficients

52-Te-125



17

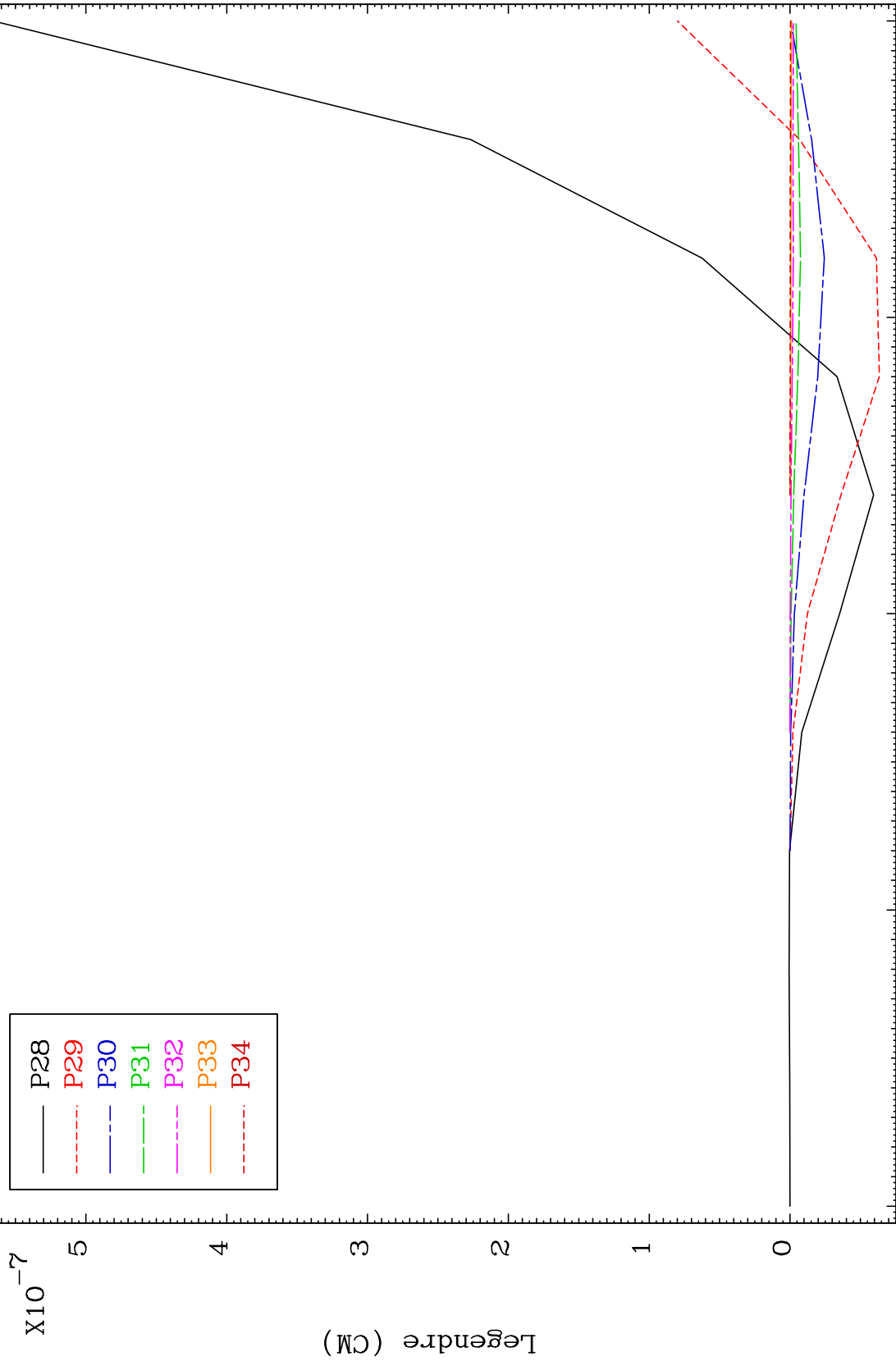
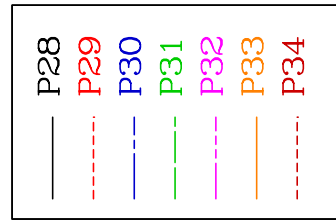
Incident Energy (MeV)

52-Te-125

MAT 5240

Elastic Legendre Coefficients

52-Te-125

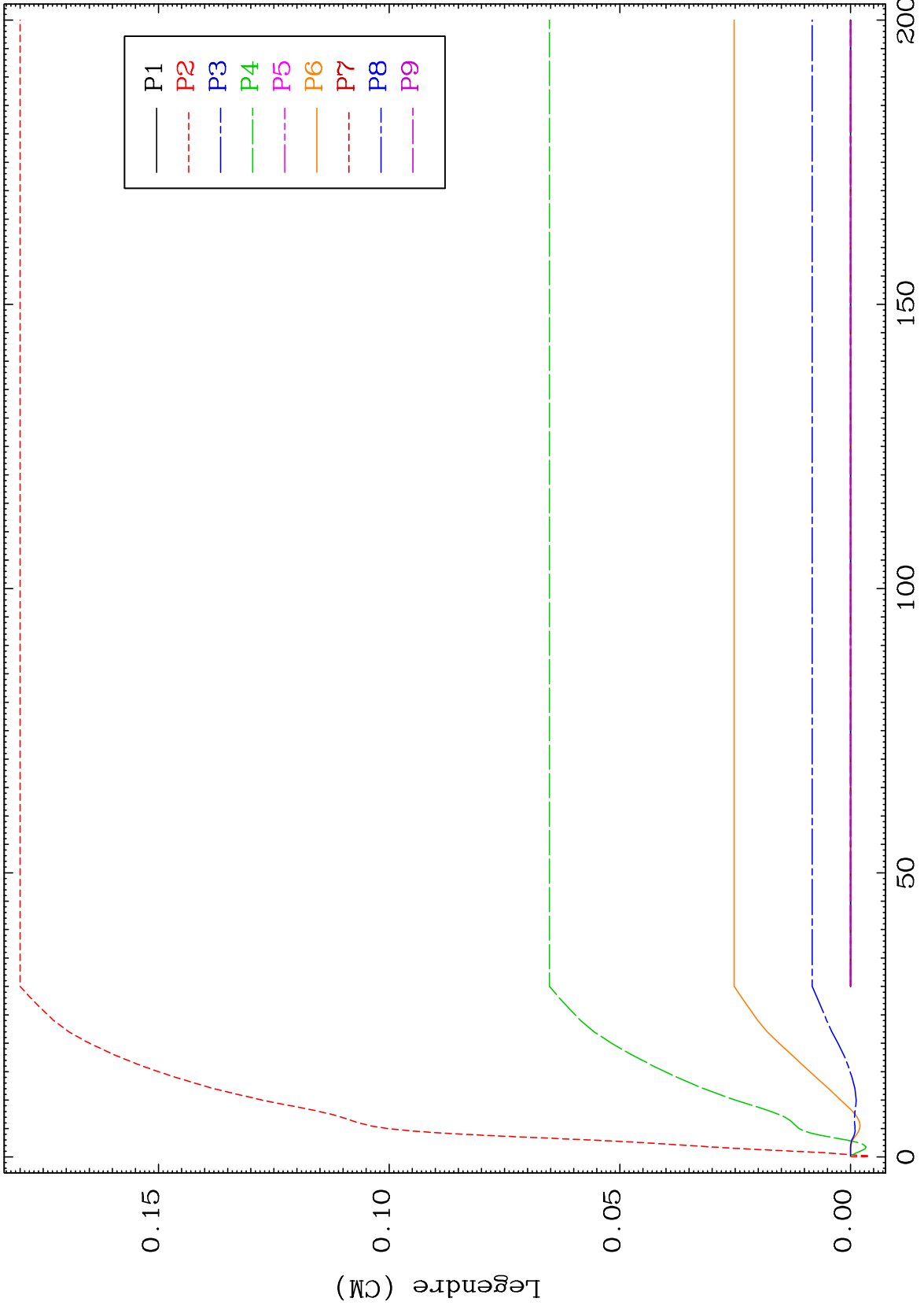


18

Incident Energy (MeV)

52-Te-125

MAT 5240 MT= 51 (n,n') Level Legendre Coefficients 52-Te-125

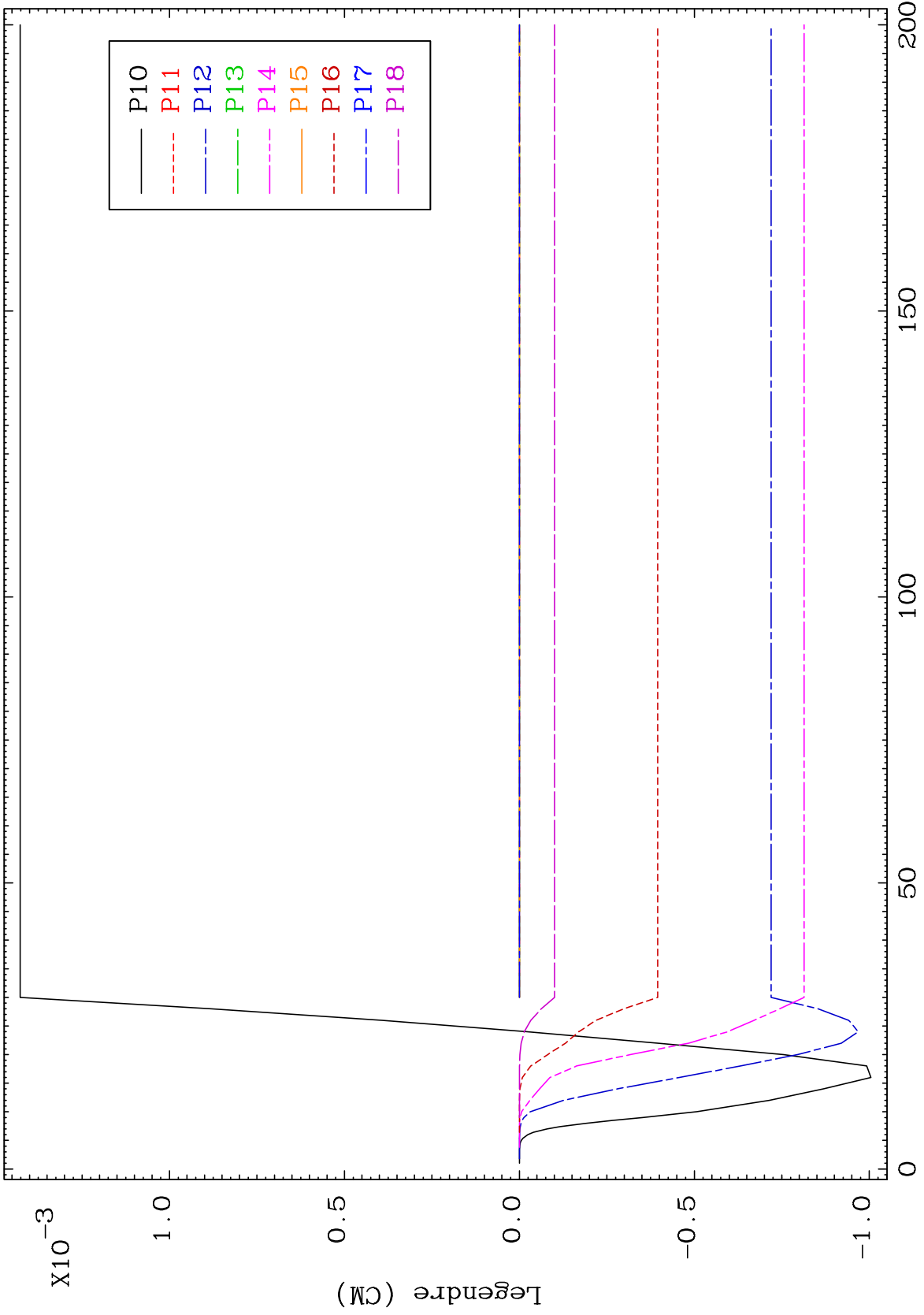


19 Incident Energy (MeV) 52-Te-125

MAT 5240

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

52-Te-125



20

Incident Energy (MeV)

50

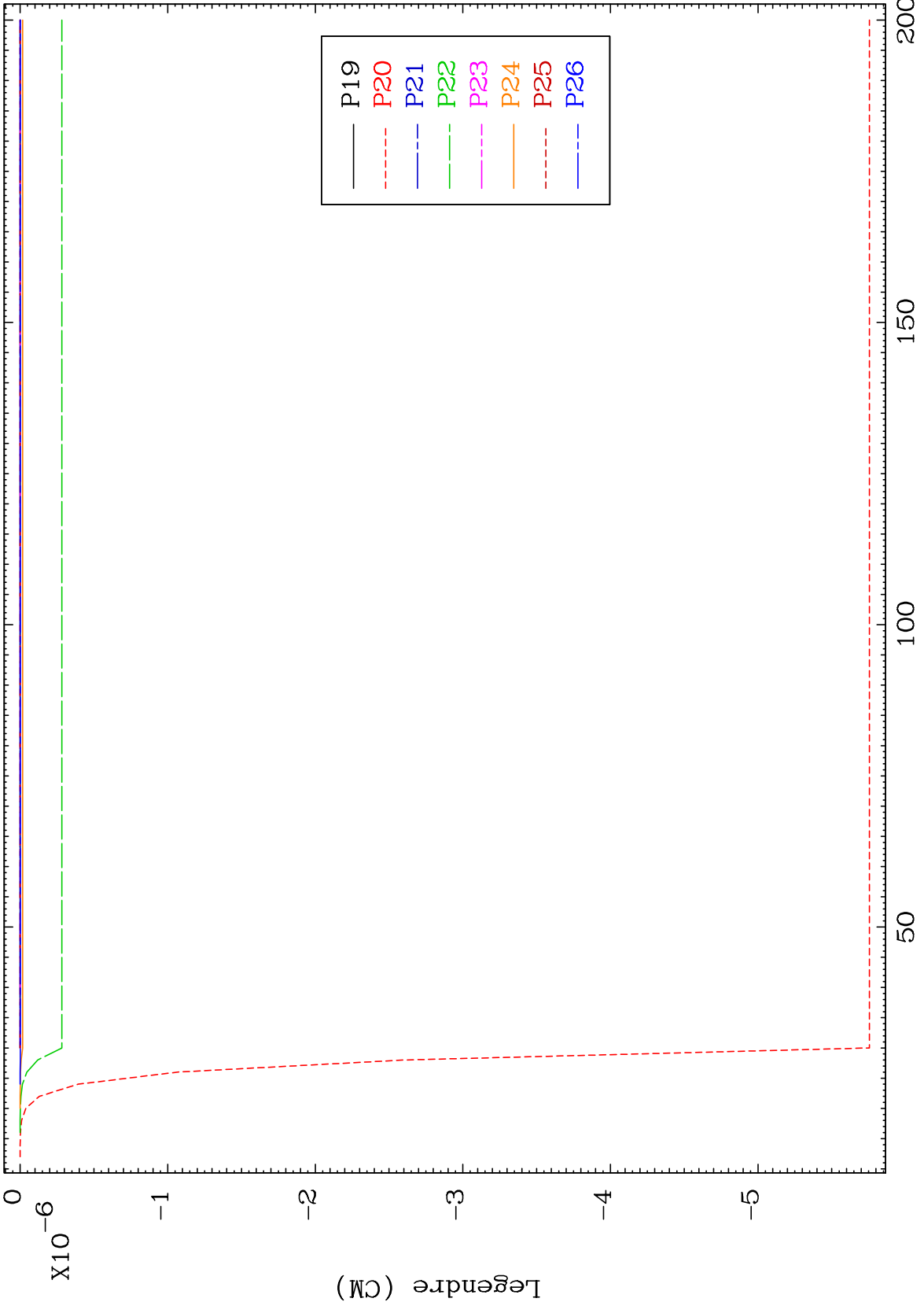
100

150

200

52-Te-125

MAT 5240 MT= 51 (n,n') Level Legendre Coefficients 52-Te-125



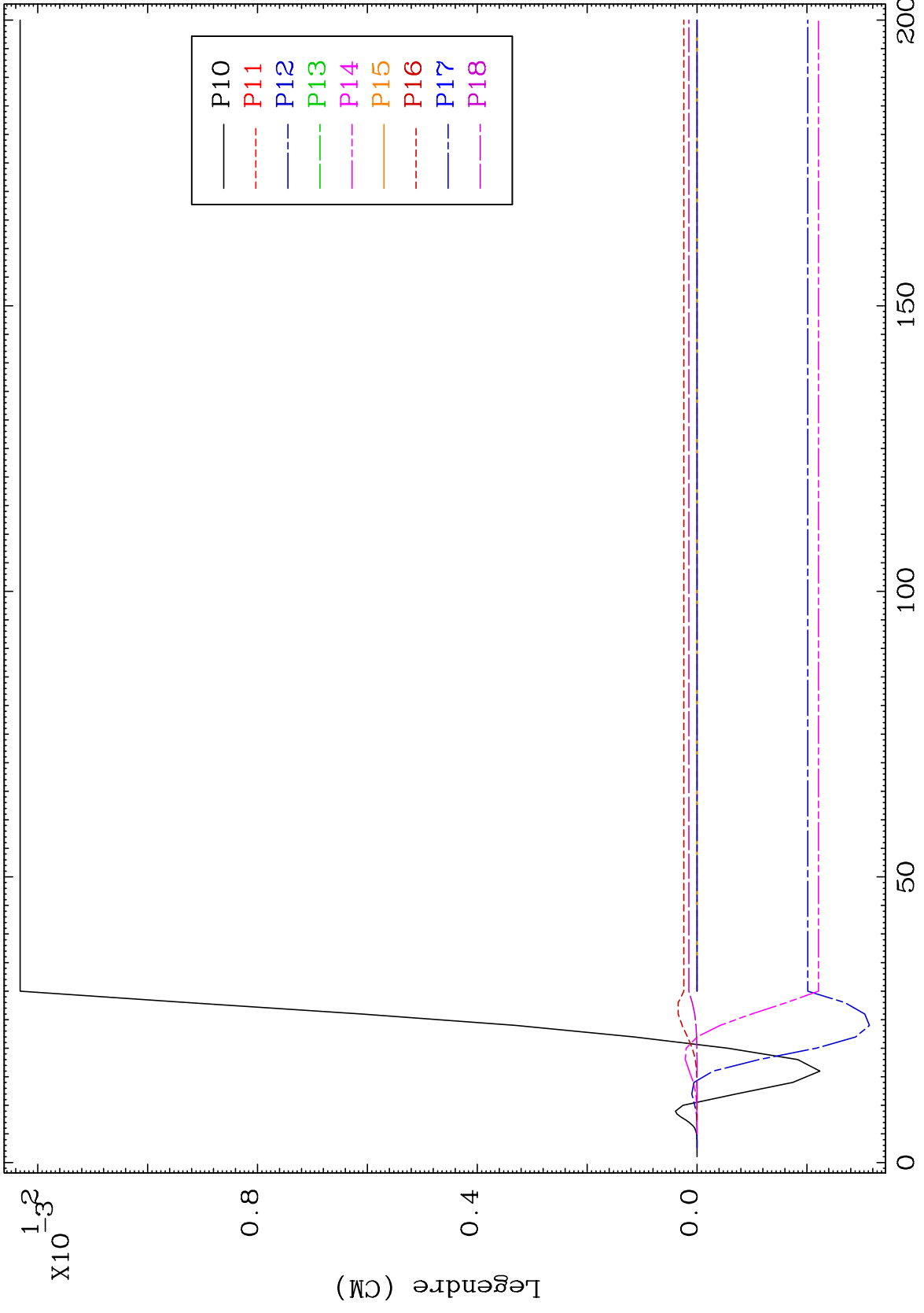
21 52-Te-125



MAT 5240

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

52-Te-125

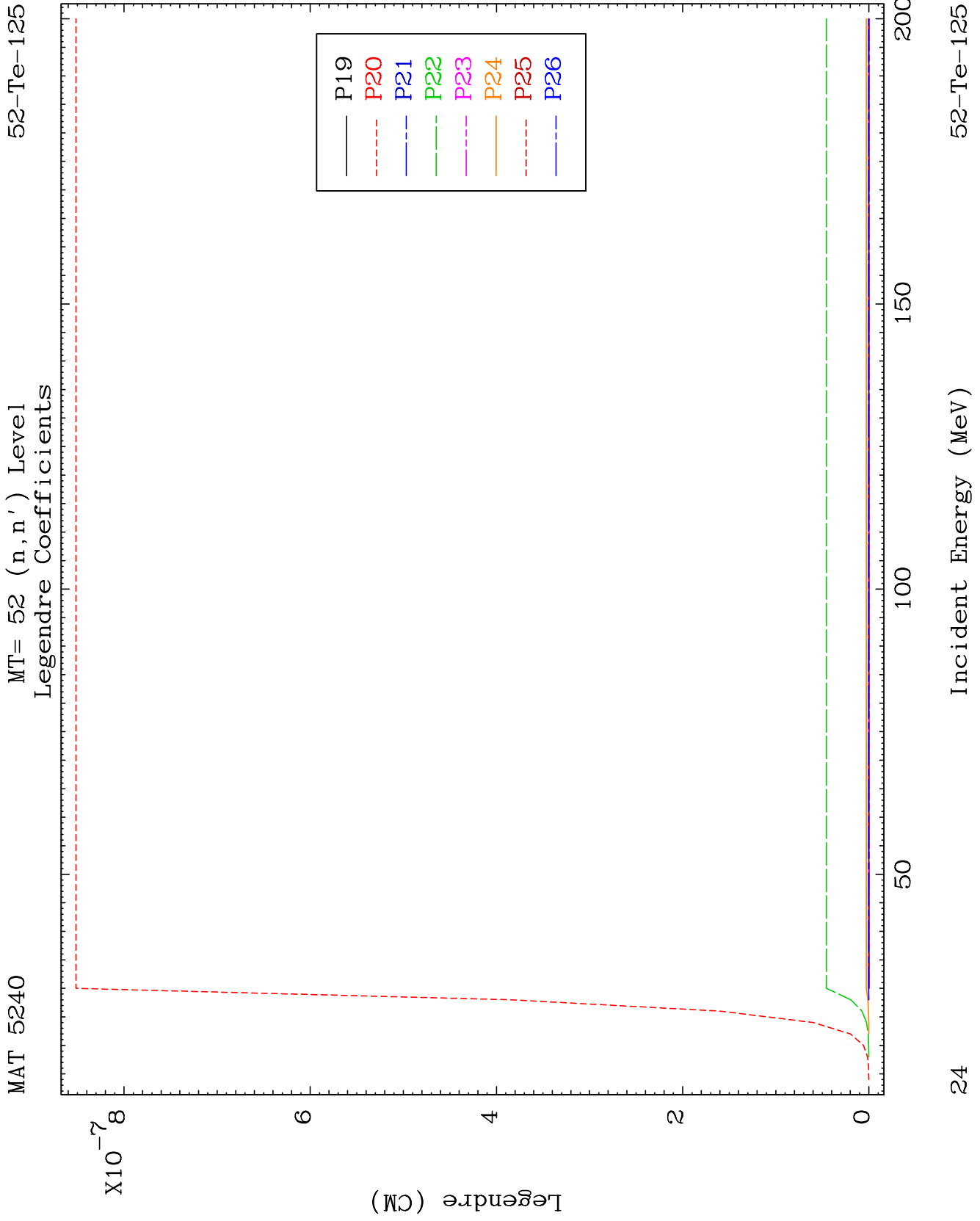


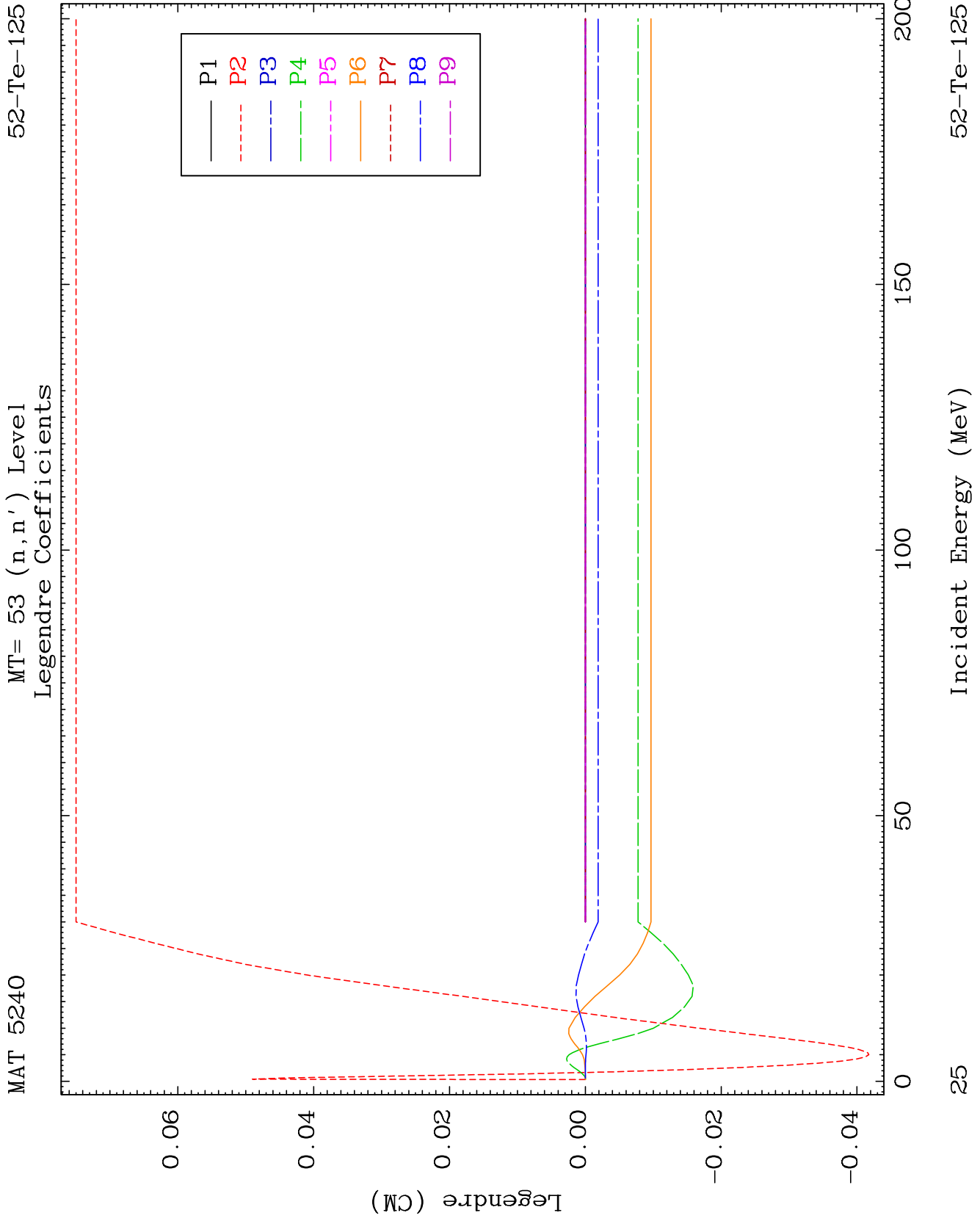
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Incident Energy (MeV)

52-Te-125



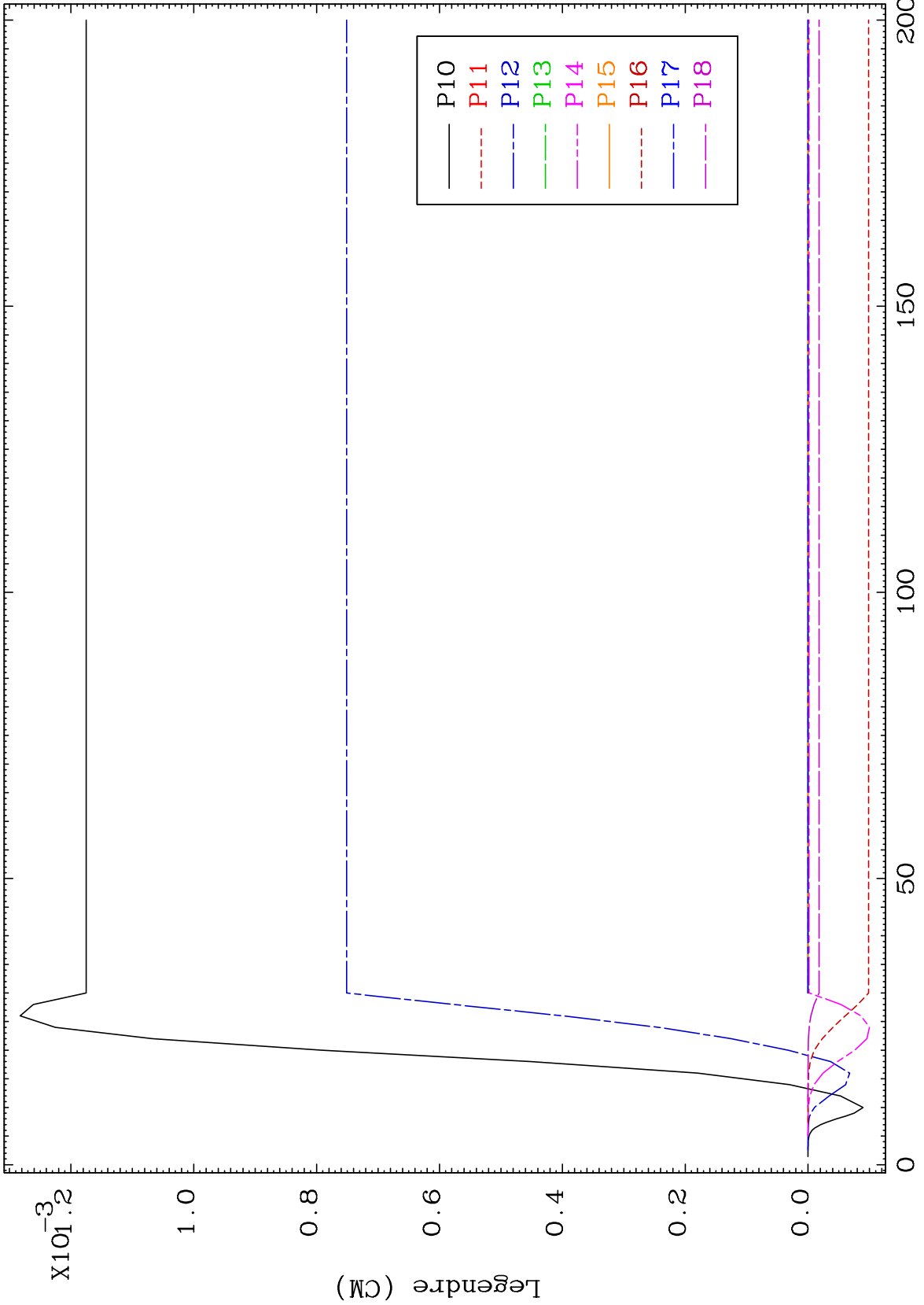




MAT 5240

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

52-Te-125

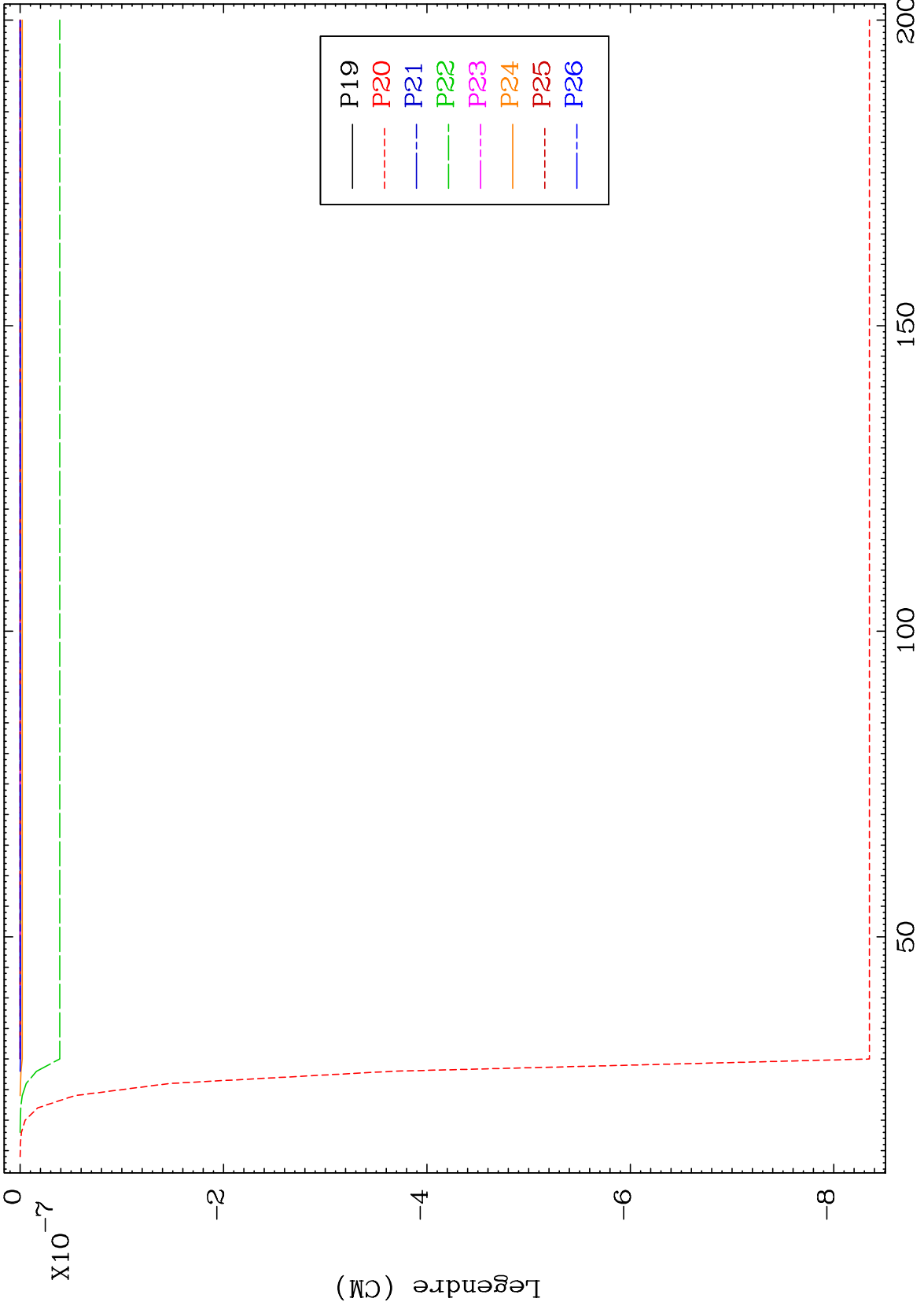


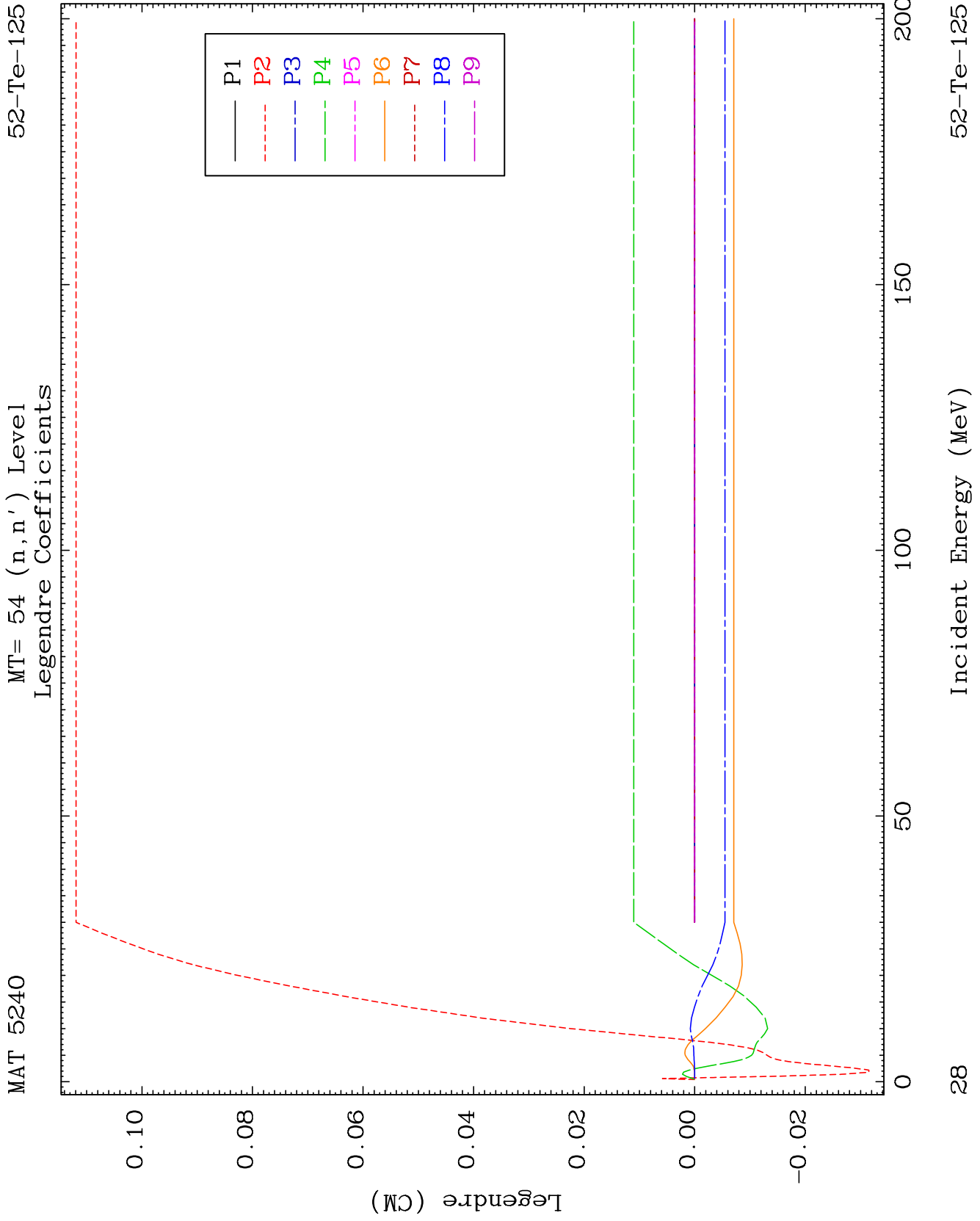
26

Incident Energy (MeV)

52-Te-125

MAT 5240 MT= 53 (n,n') Level Legendre Coefficients 52-Te-125

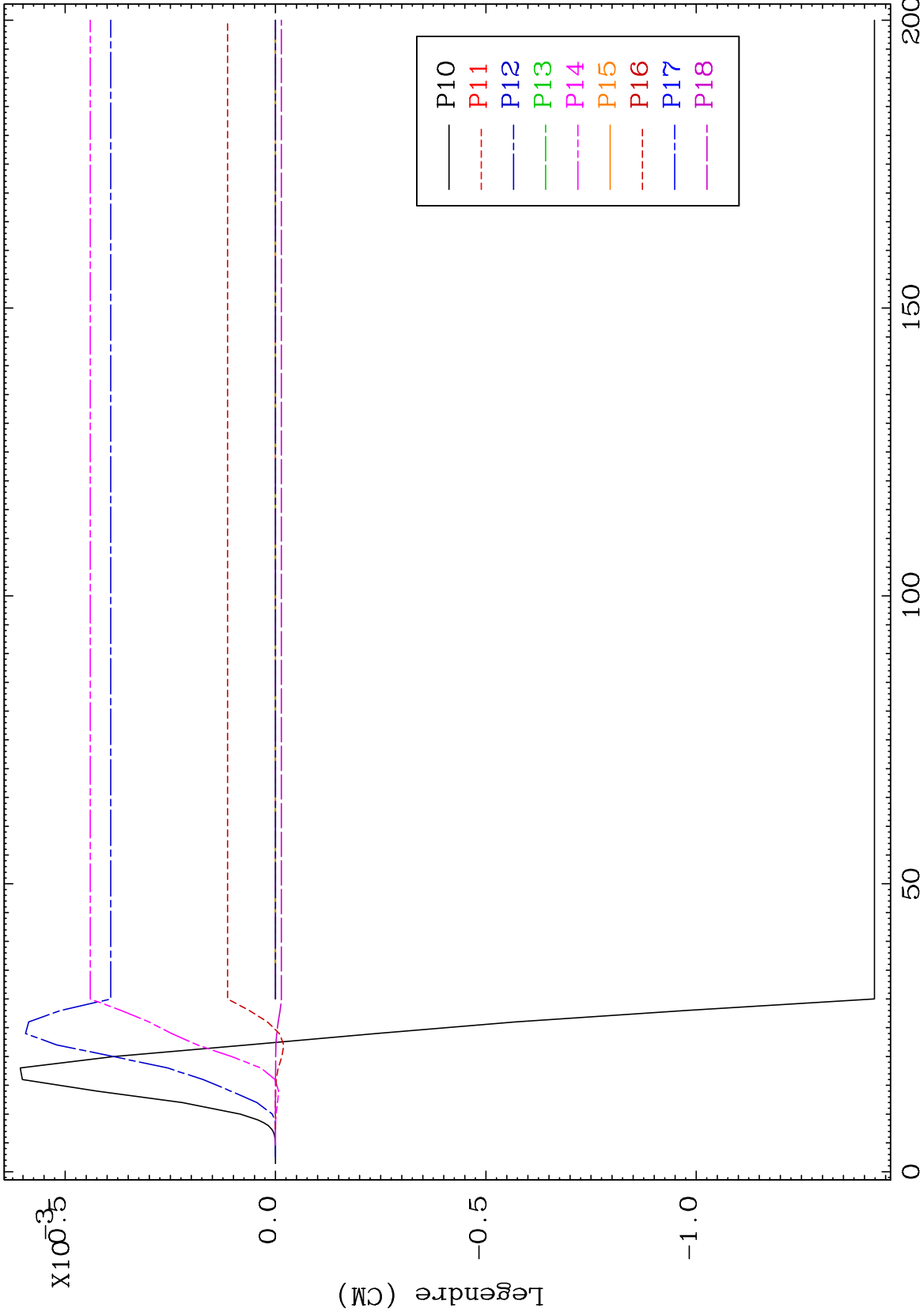




MAT 5240

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

52-Te-125

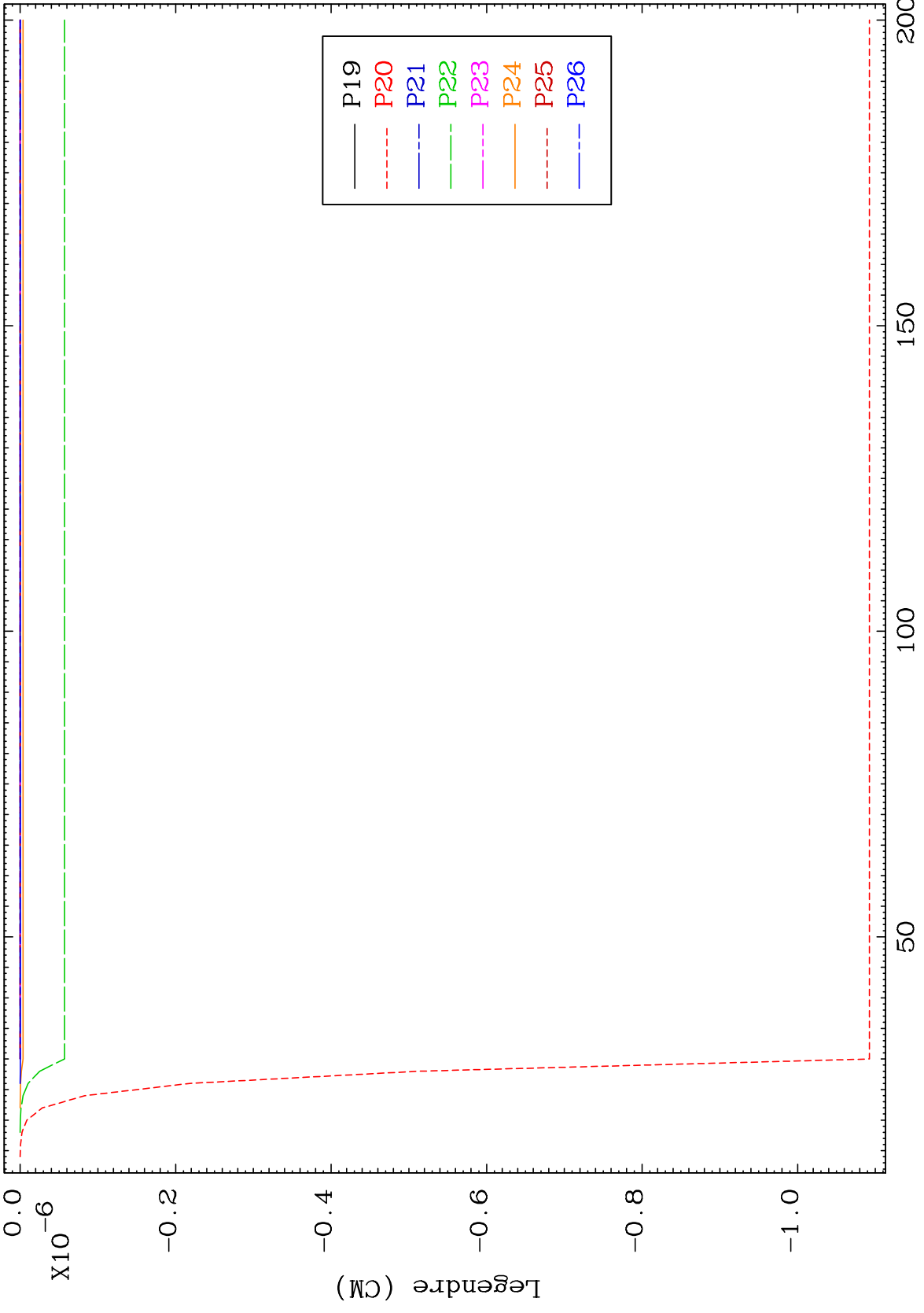


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Incident Energy (MeV)

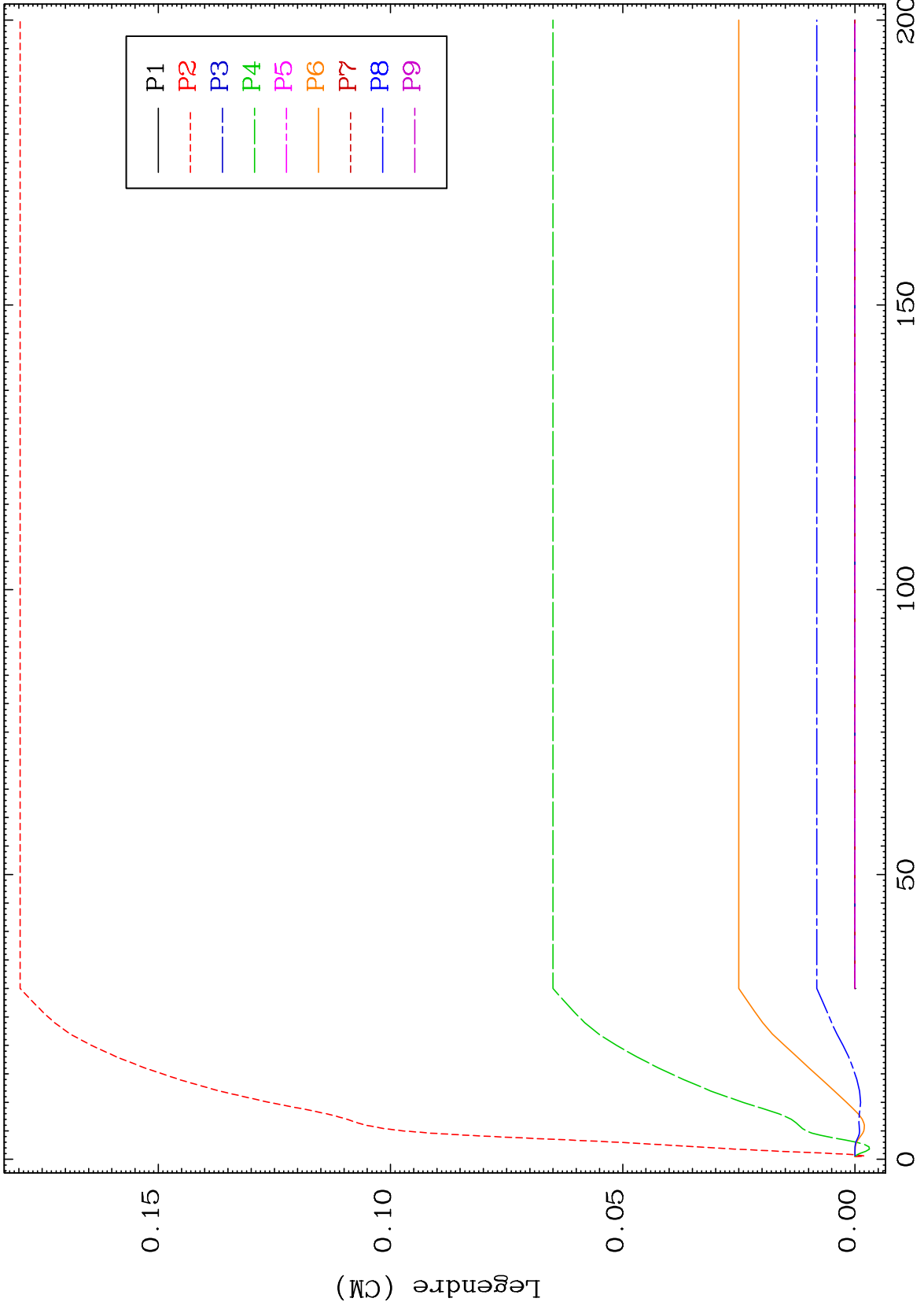
52-Te-125

MAT 5240 MT= 54 (n,n') Level Legendre Coefficients 52-Te-125



30 Incident Energy (MeV) 52-Te-125

MAT 5240 MT= 55 (n,n') Level Legendre Coefficients 52-Te-125

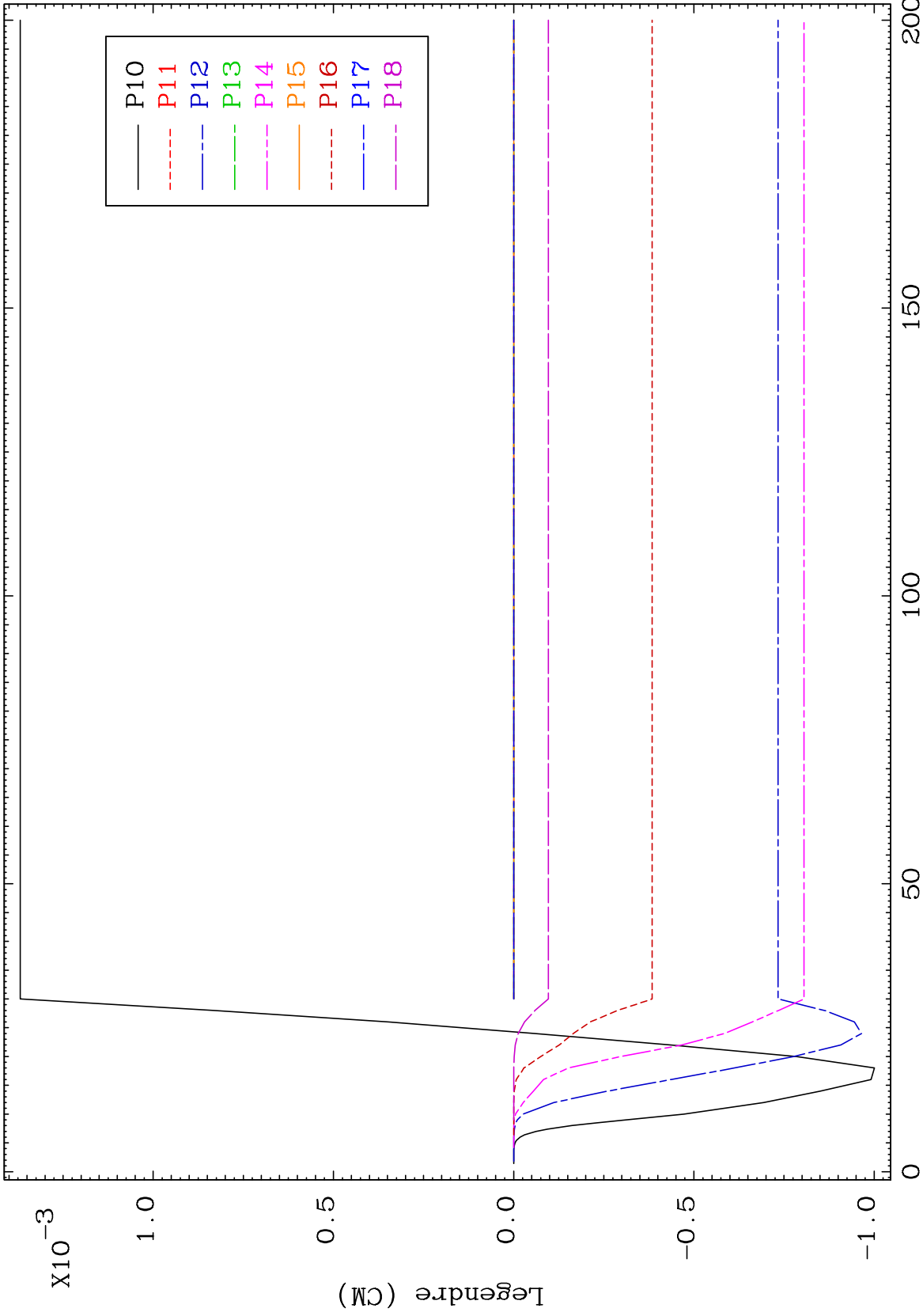




MAT 5240

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

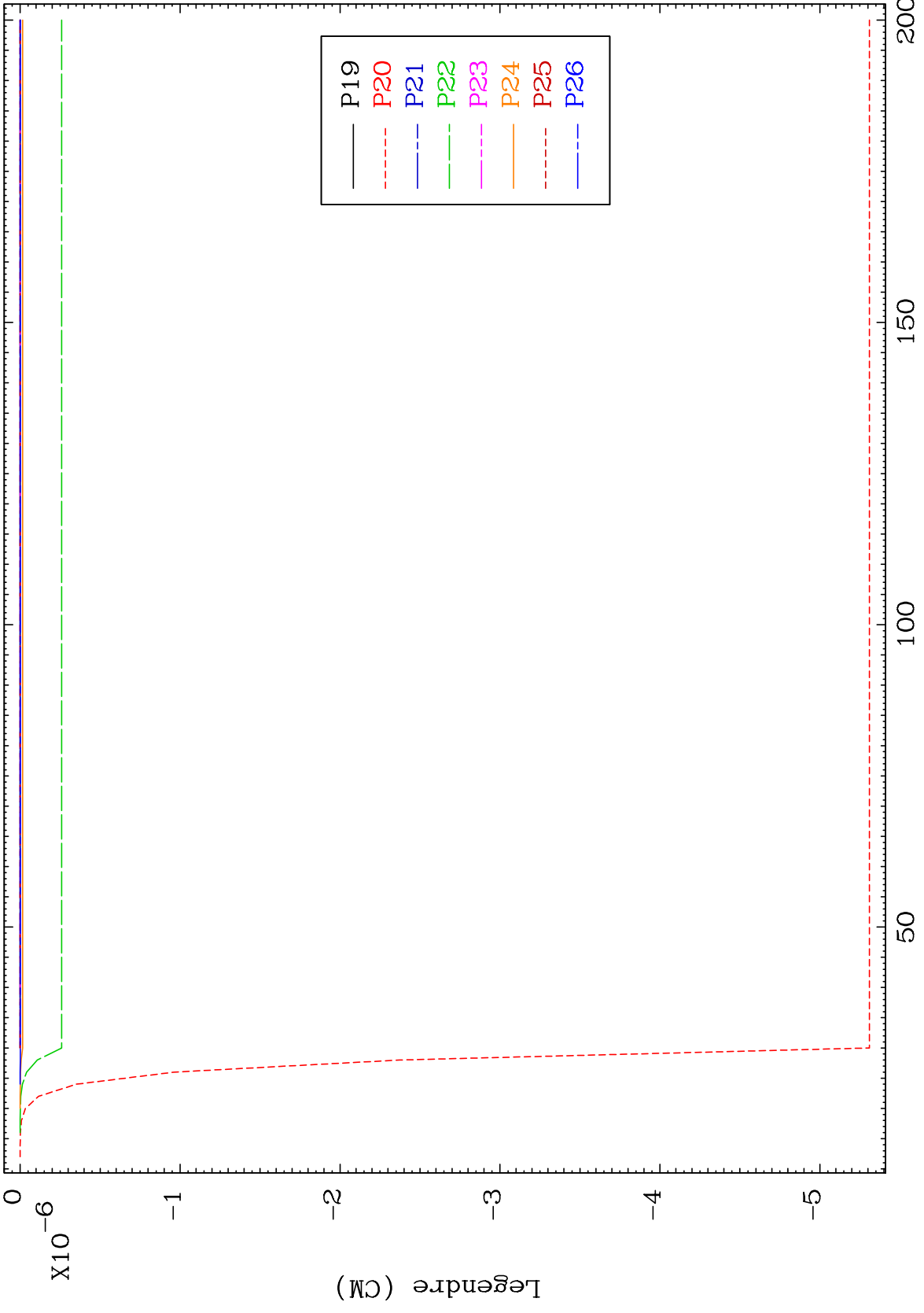
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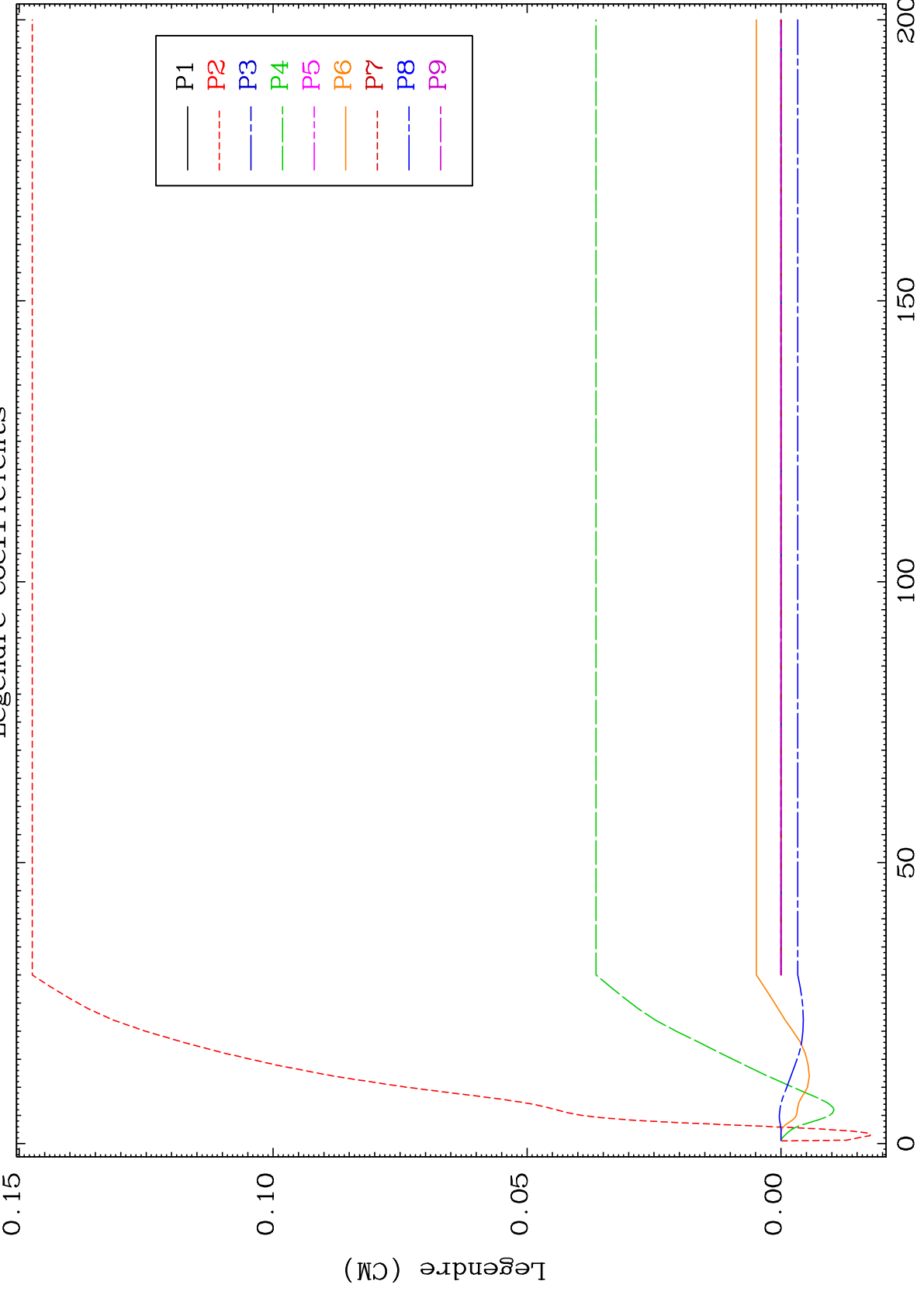
32

52-Te-125

MAT 5240 MT= 55 (n,n') Level Legendre Coefficients 52-Te-125

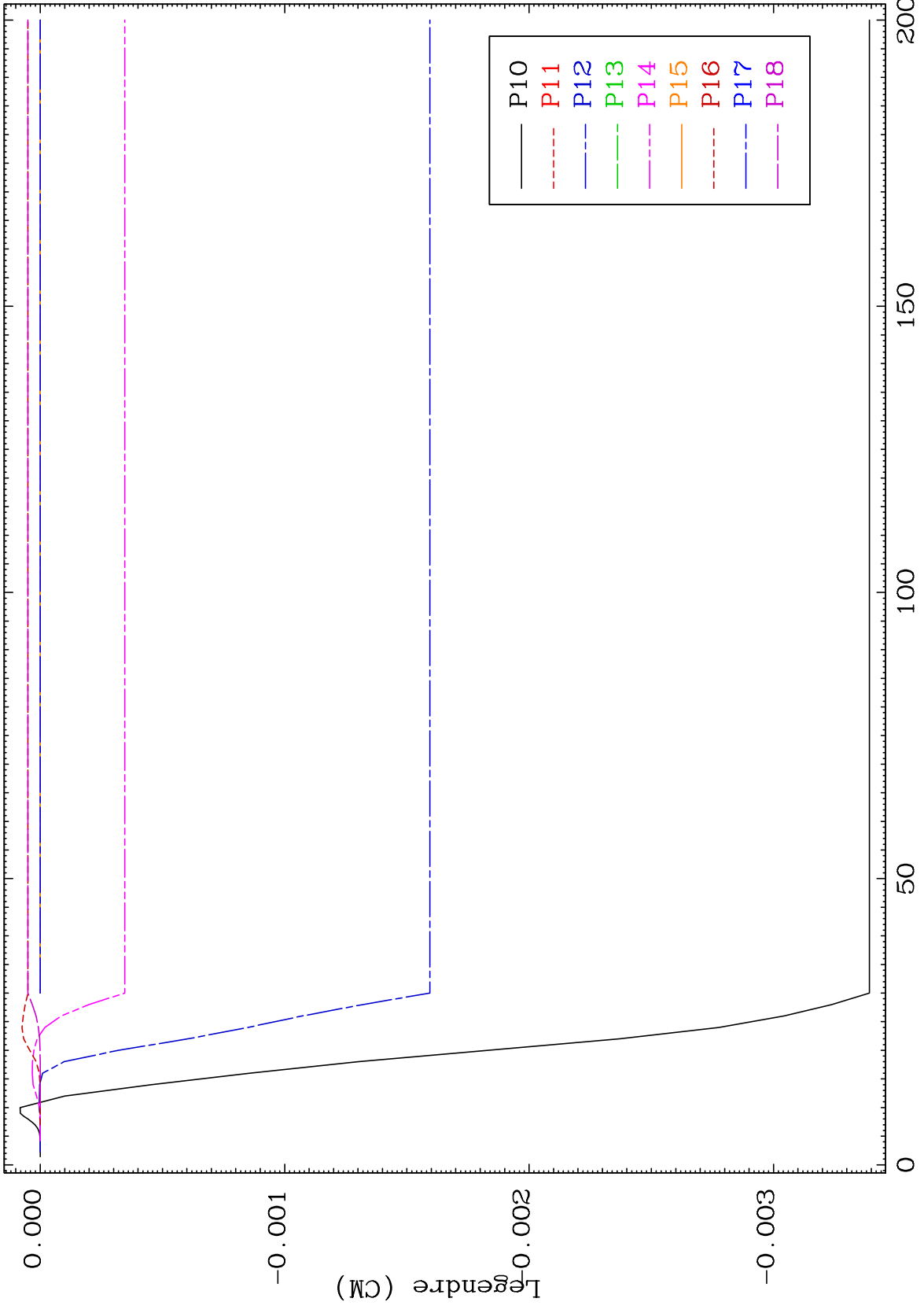


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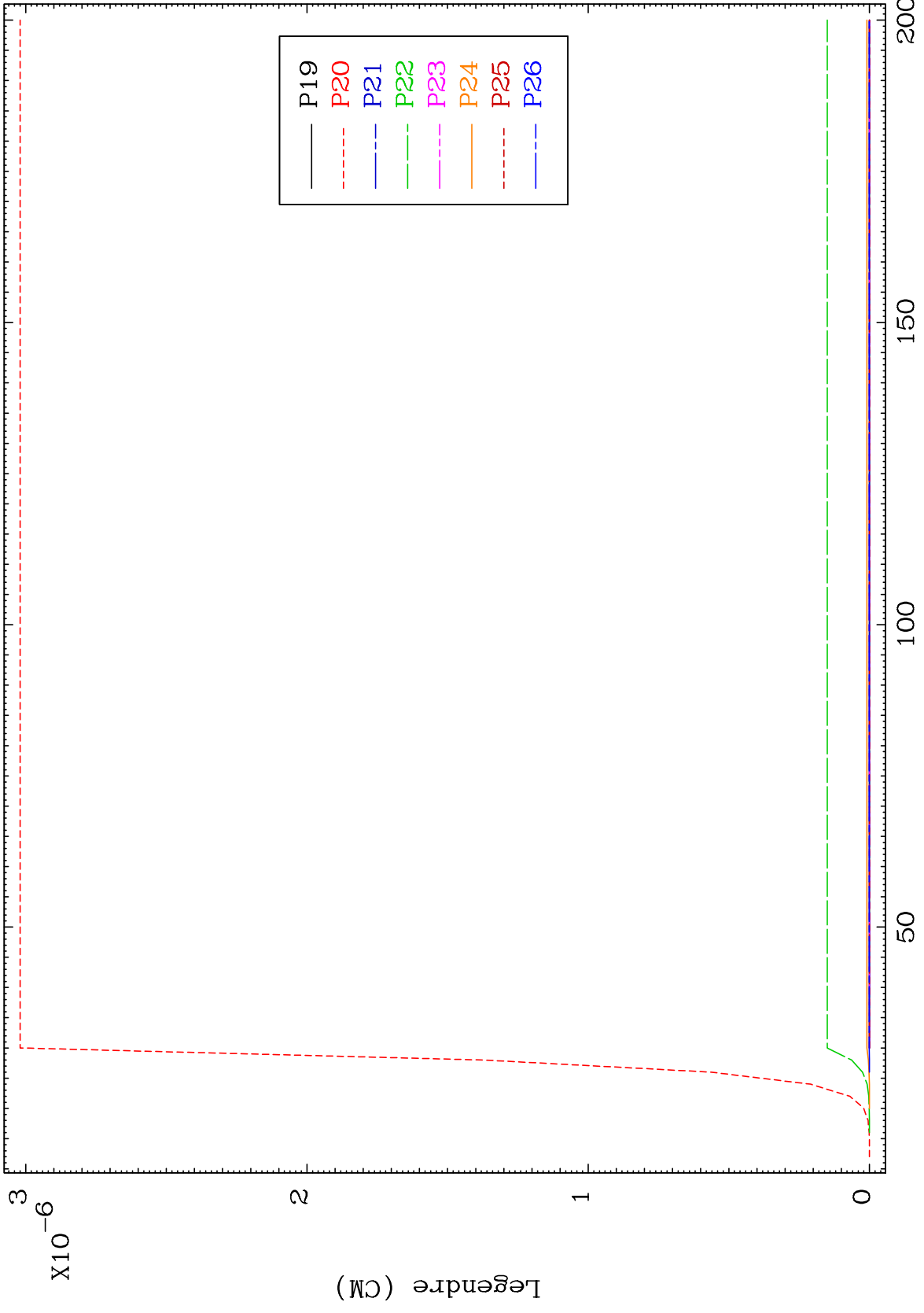
34

MAT 5240 MT= 56 (n,n') Level Legendre Coefficients 52-Te-125



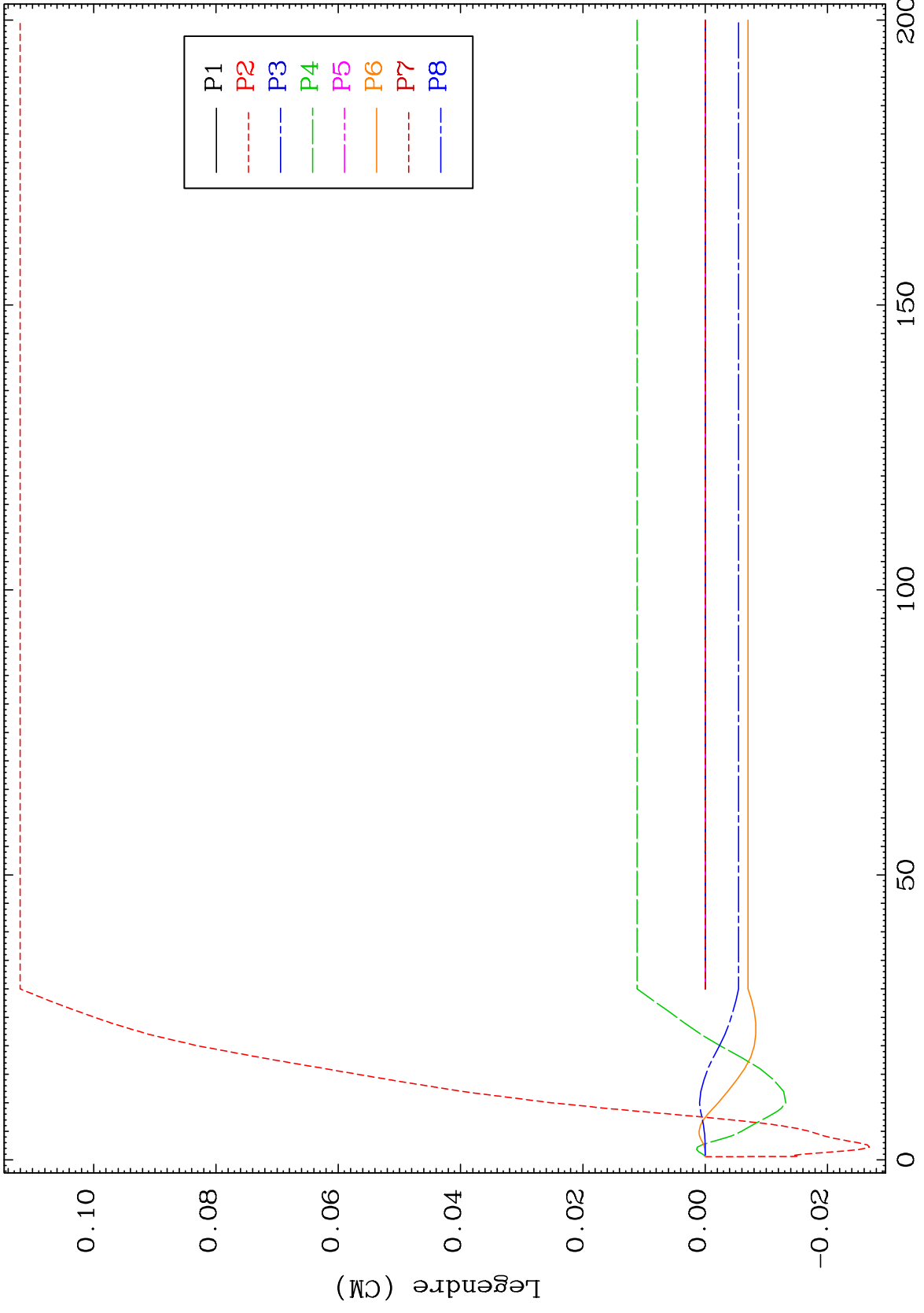
35 Incident Energy (MeV) 52-Te-125

MAT 5240 MT= 56 (n,n') Level Legendre Coefficients 52-Te-125



36 52-Te-125

MAT 5240 MT= 57 (n,n') Level Legendre Coefficients 52-Te-125

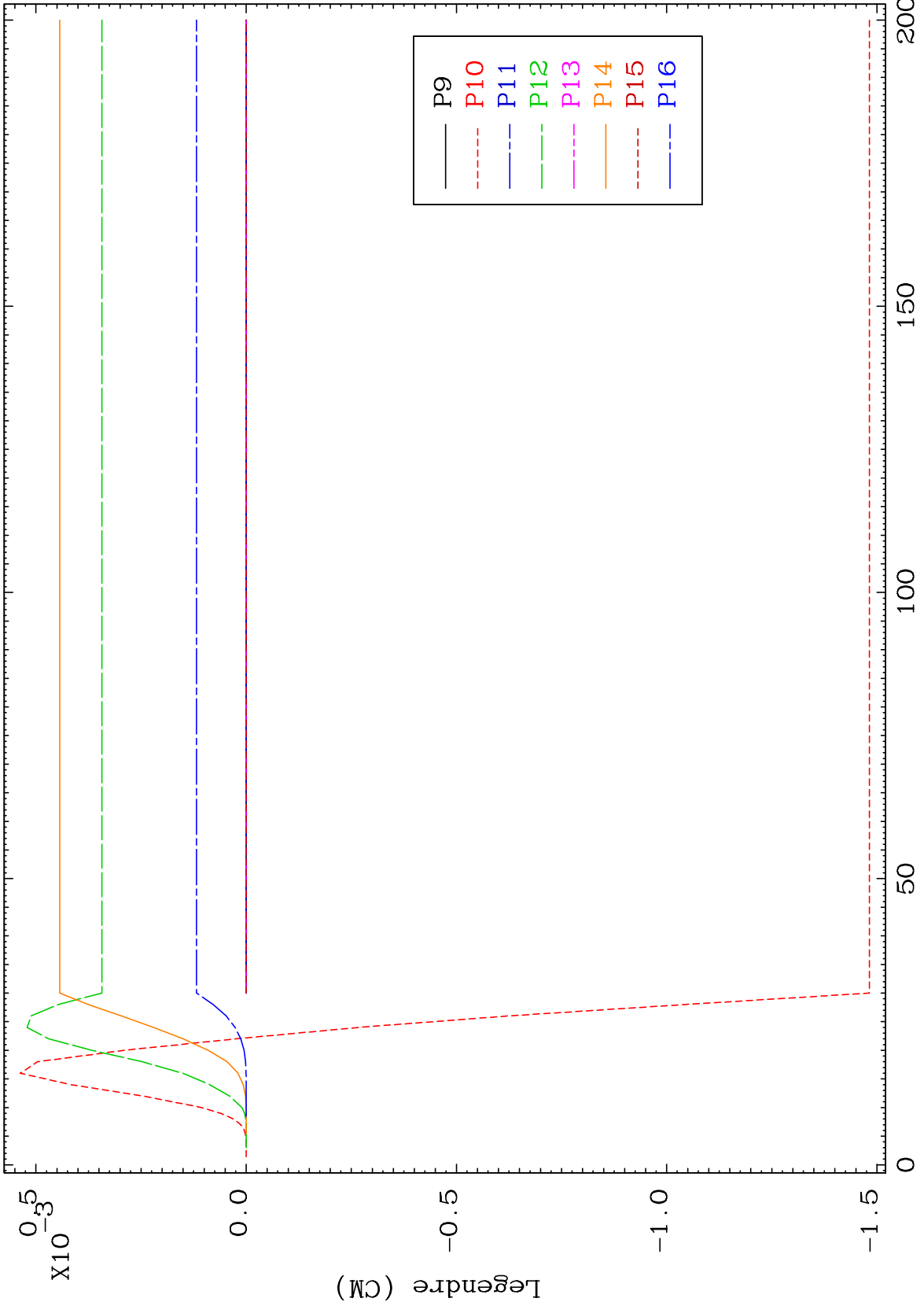


37 52-Te-125

MAT 5240

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

52-Te-125

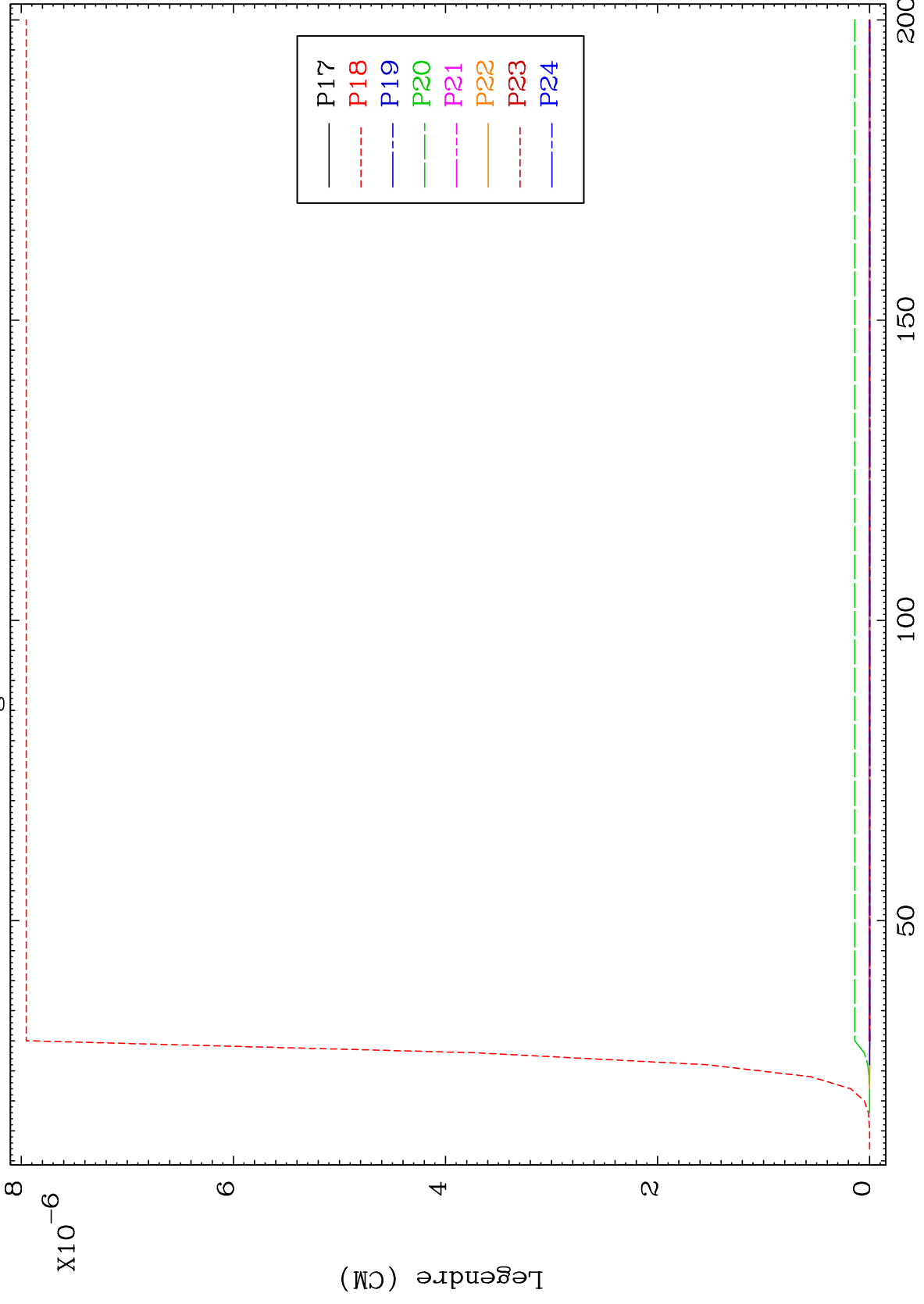


38

Incident Energy (MeV)

52-Te-125

MAT 5240 MT= 57 (n,n') Level Legendre Coefficients 52-Te-125



39 Incident Energy (MeV) 52-Te-125

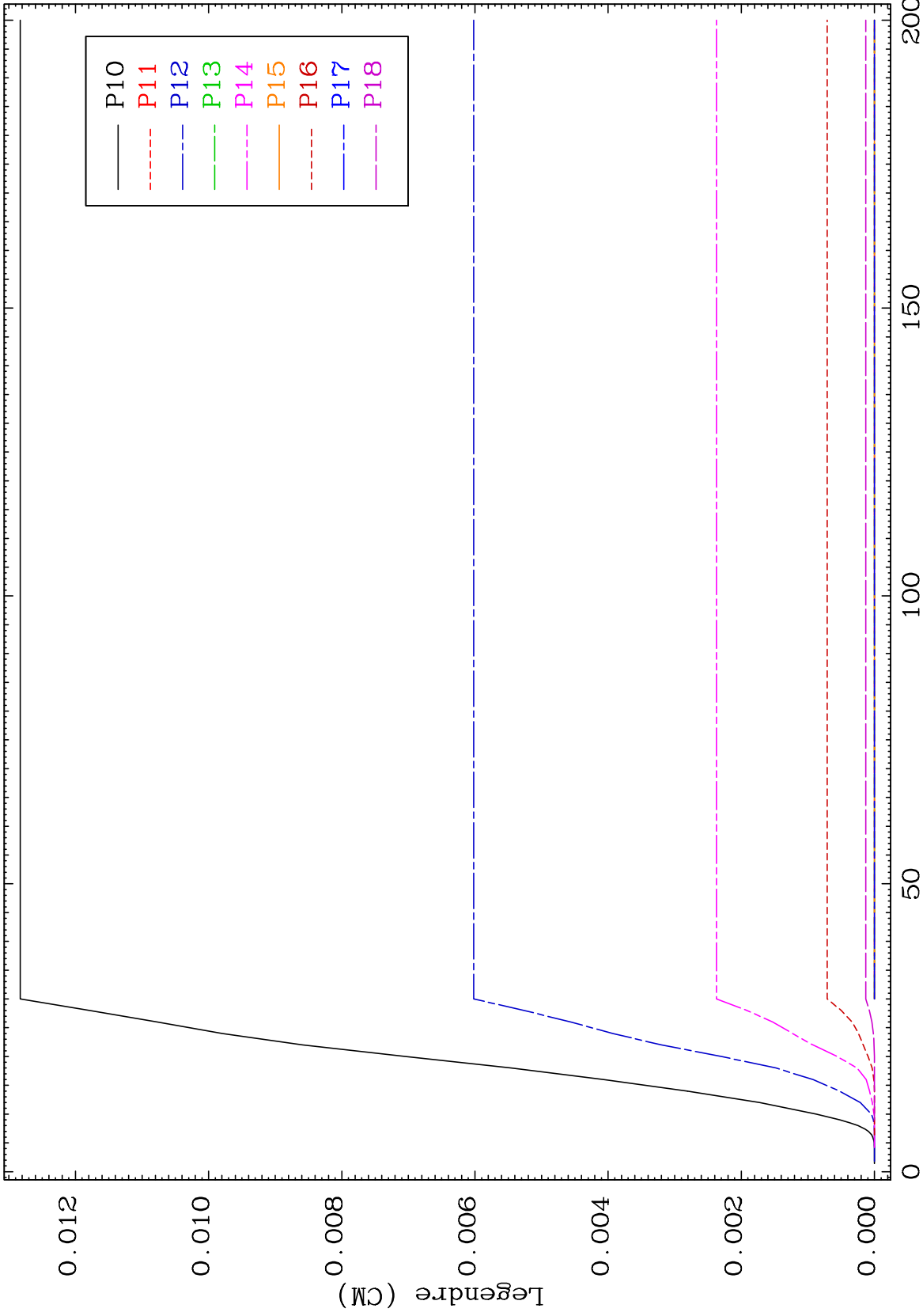




MAT 5240

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

52-Te-125

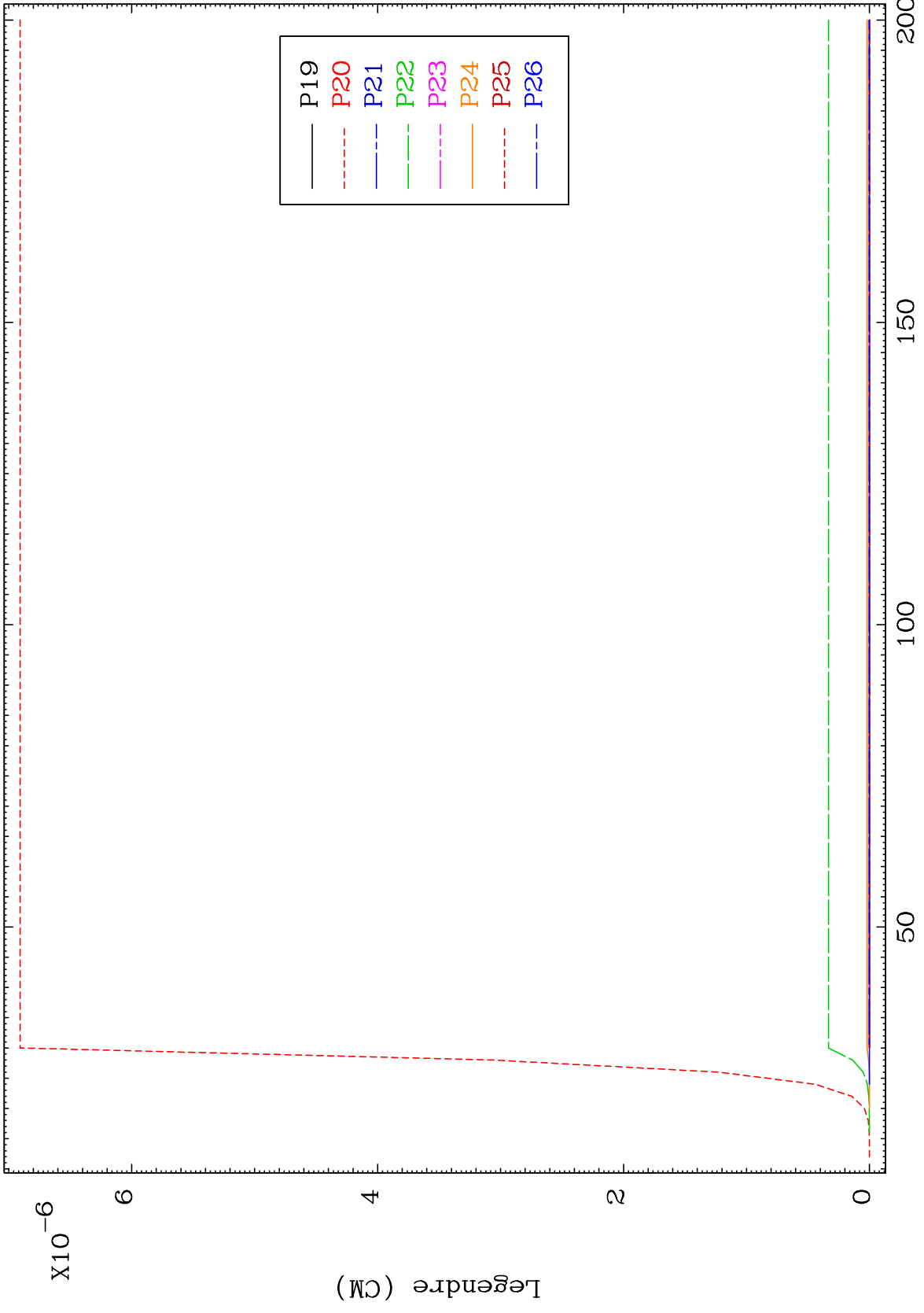


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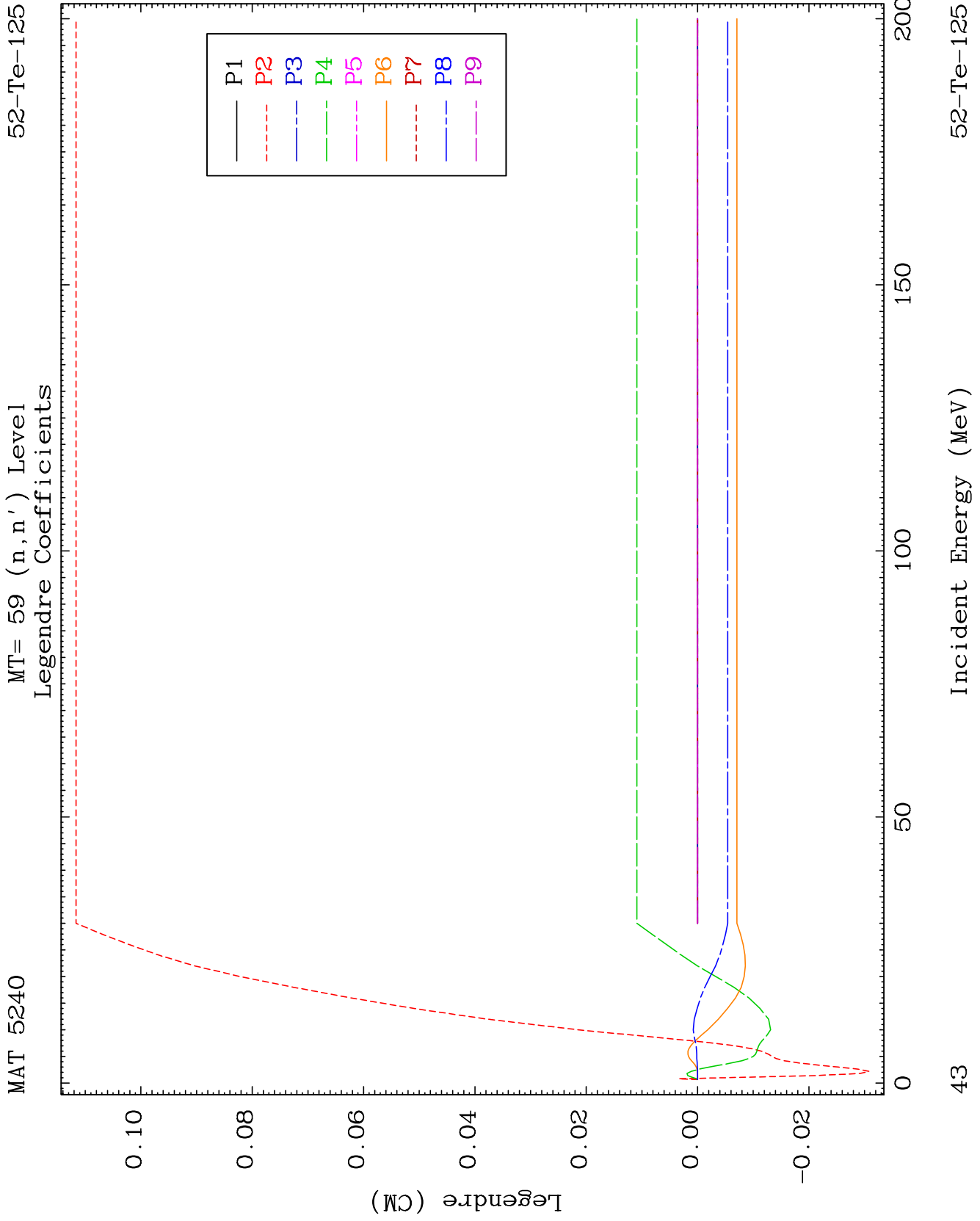
Incident Energy (MeV)

52-Te-125

MAT 5240 MT= 58 (n,n') Level Legendre Coefficients 52-Te-125



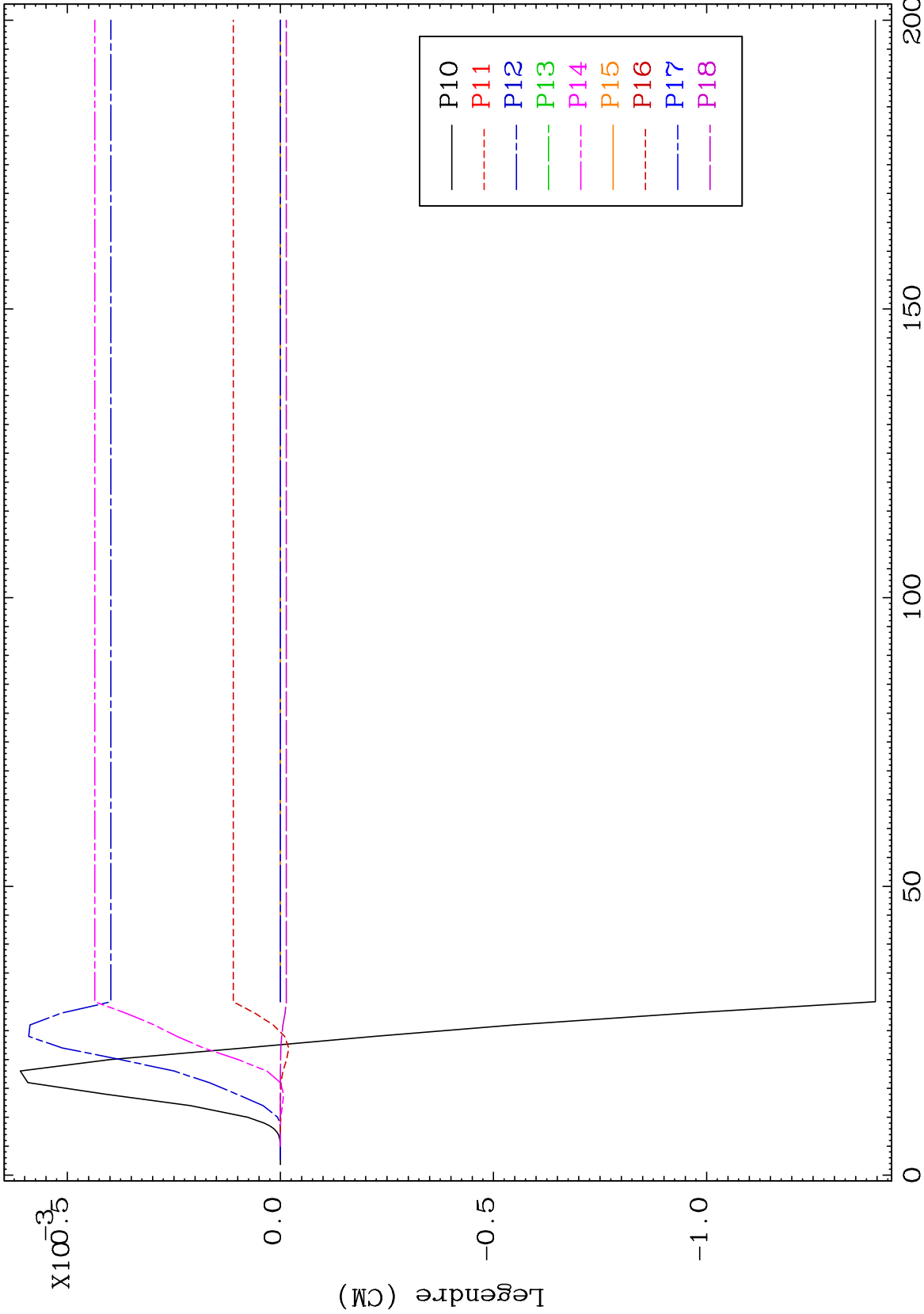
42 52-Te-125



MAT 5240

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

52-Te-125

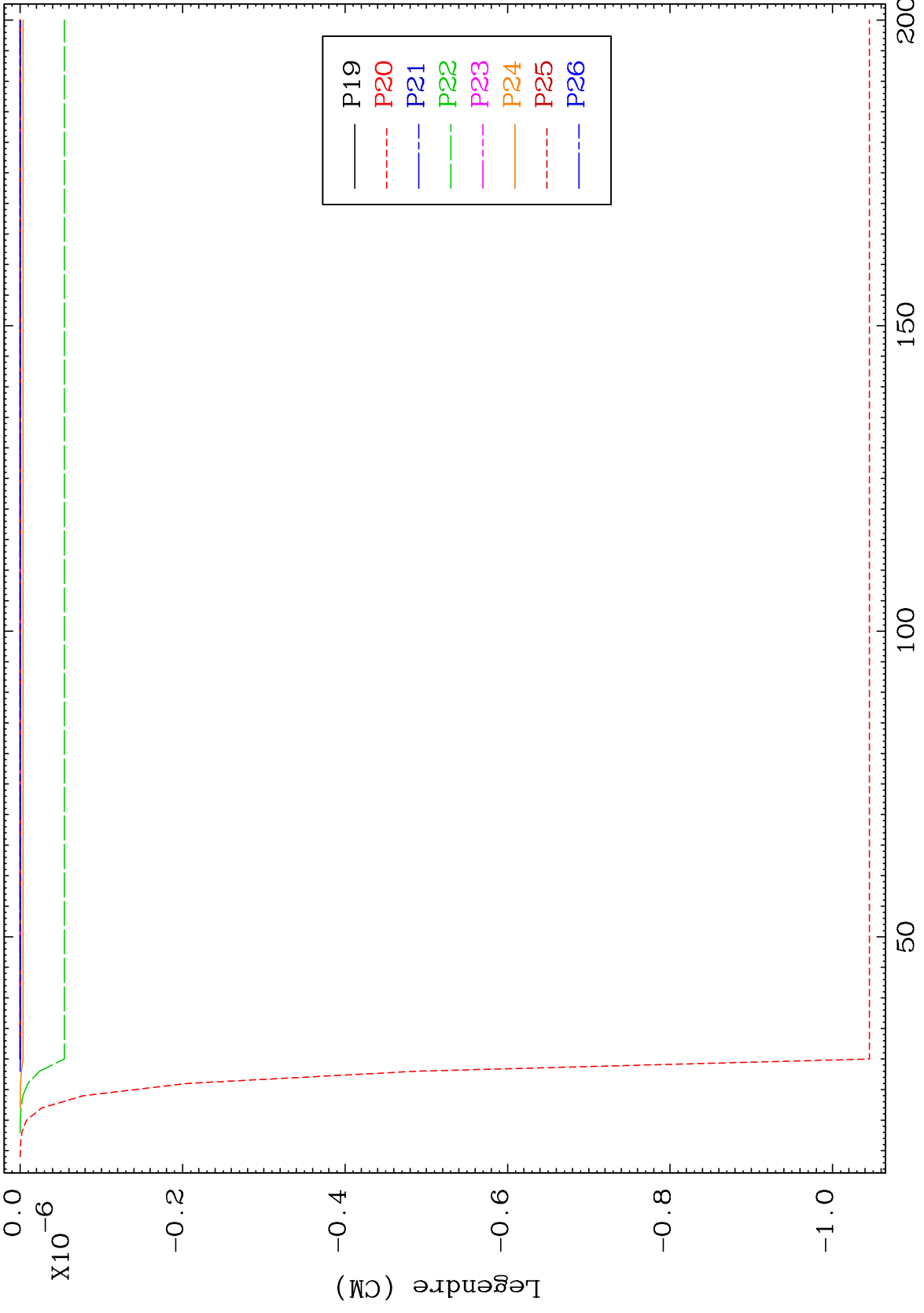


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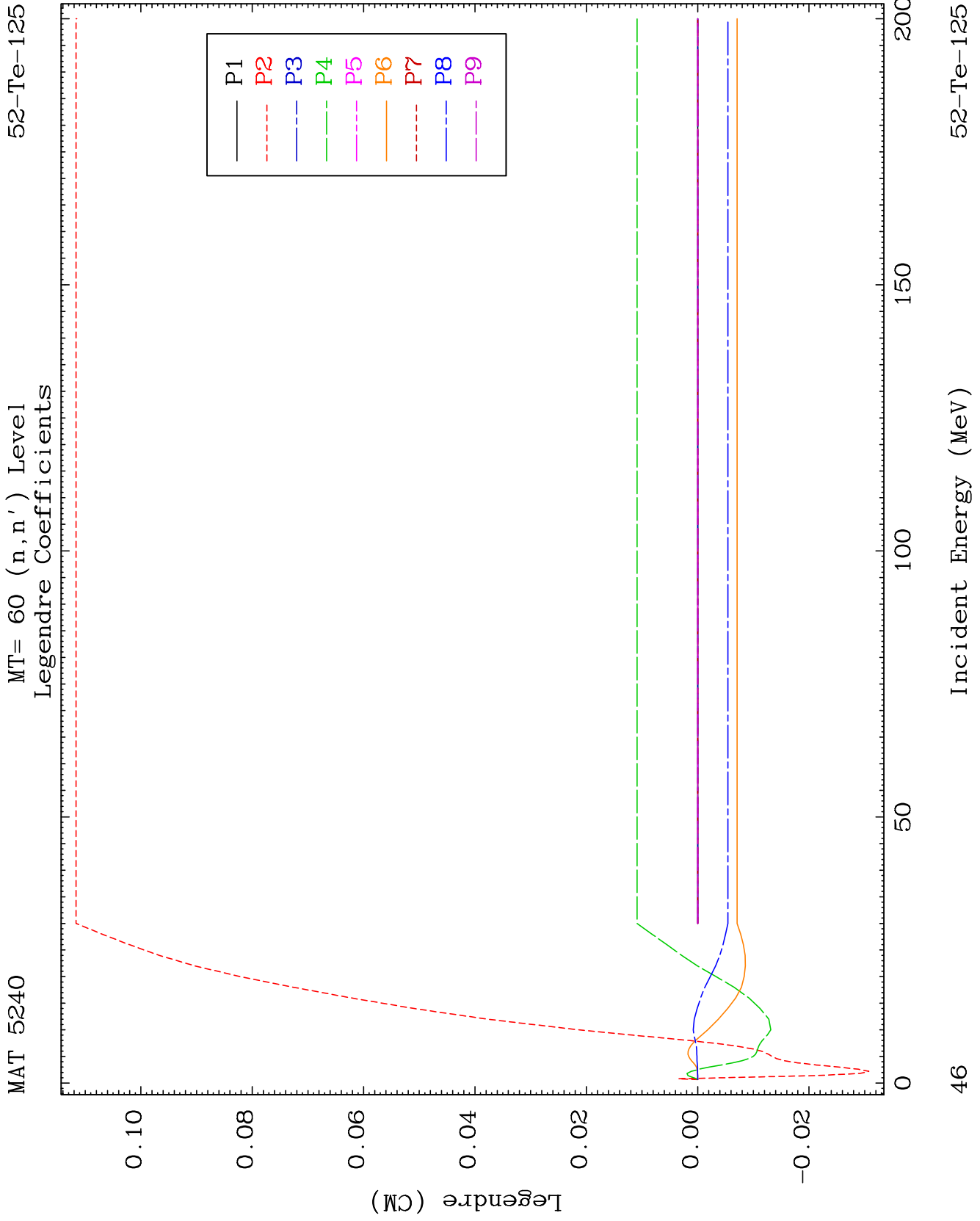
Incident Energy (MeV)

52-Te-125

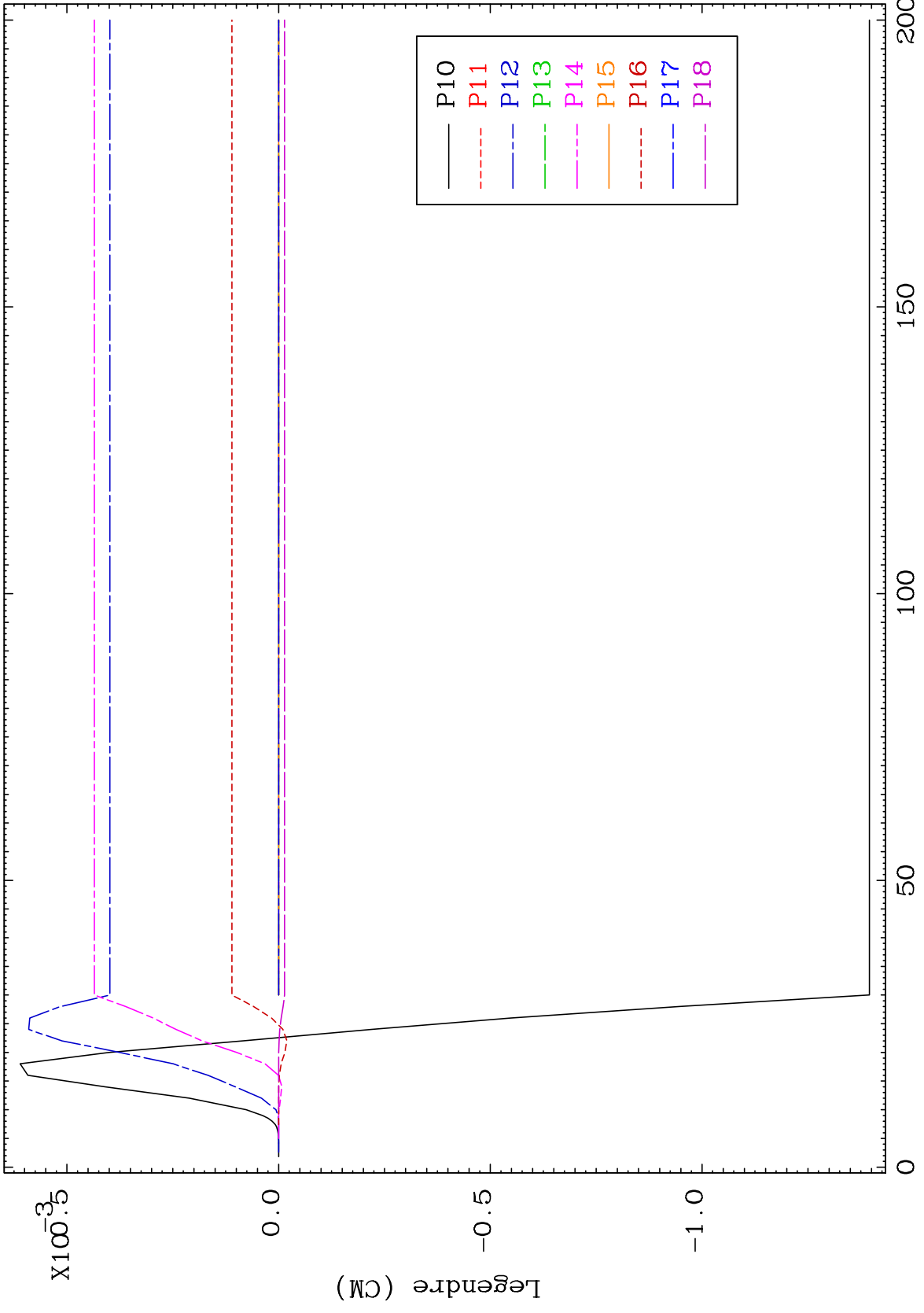
MAT 5240 MT= 59 (n,n') Level Legendre Coefficients 52-Te-125



45 Incident Energy (MeV) 52-Te-125

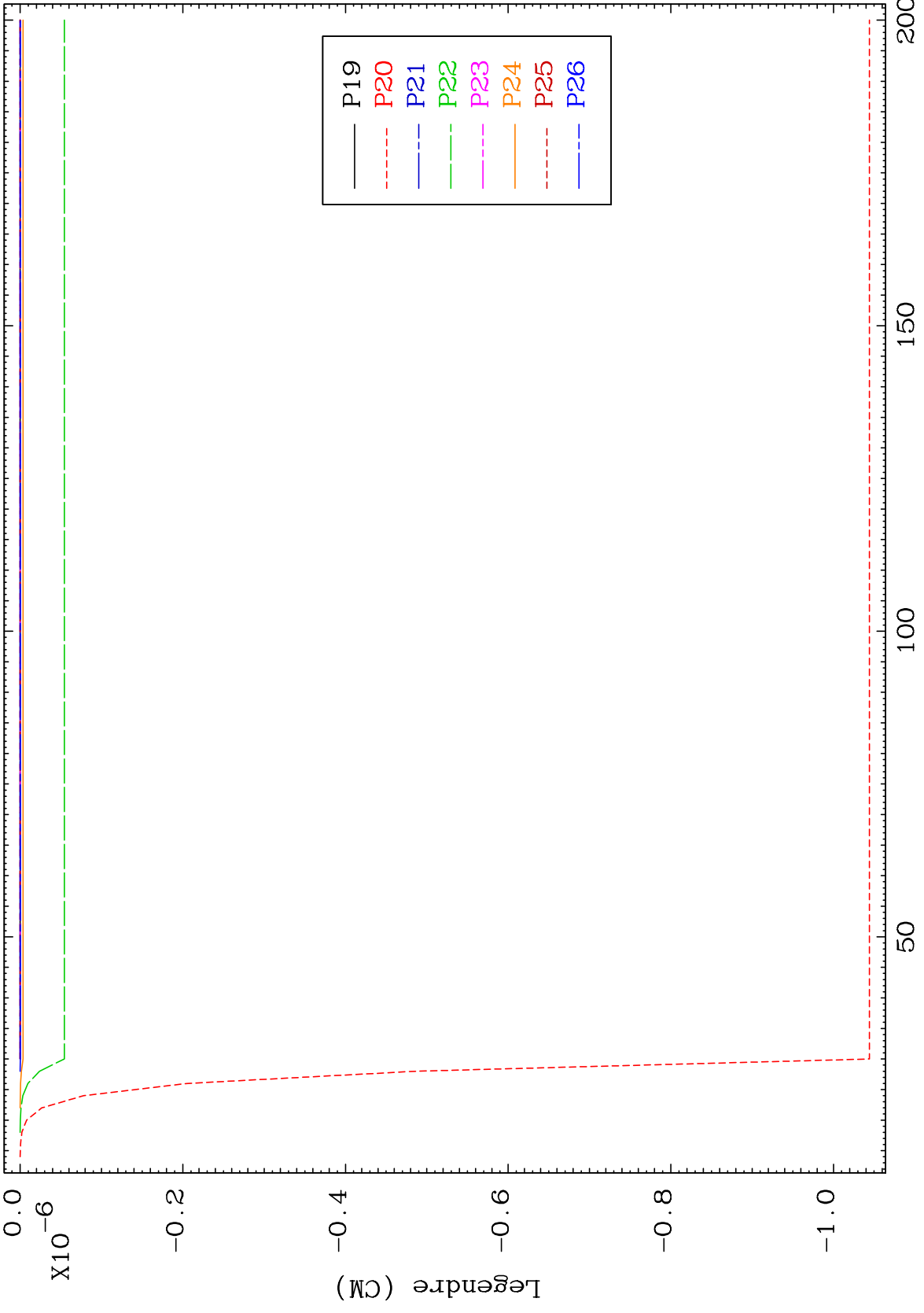


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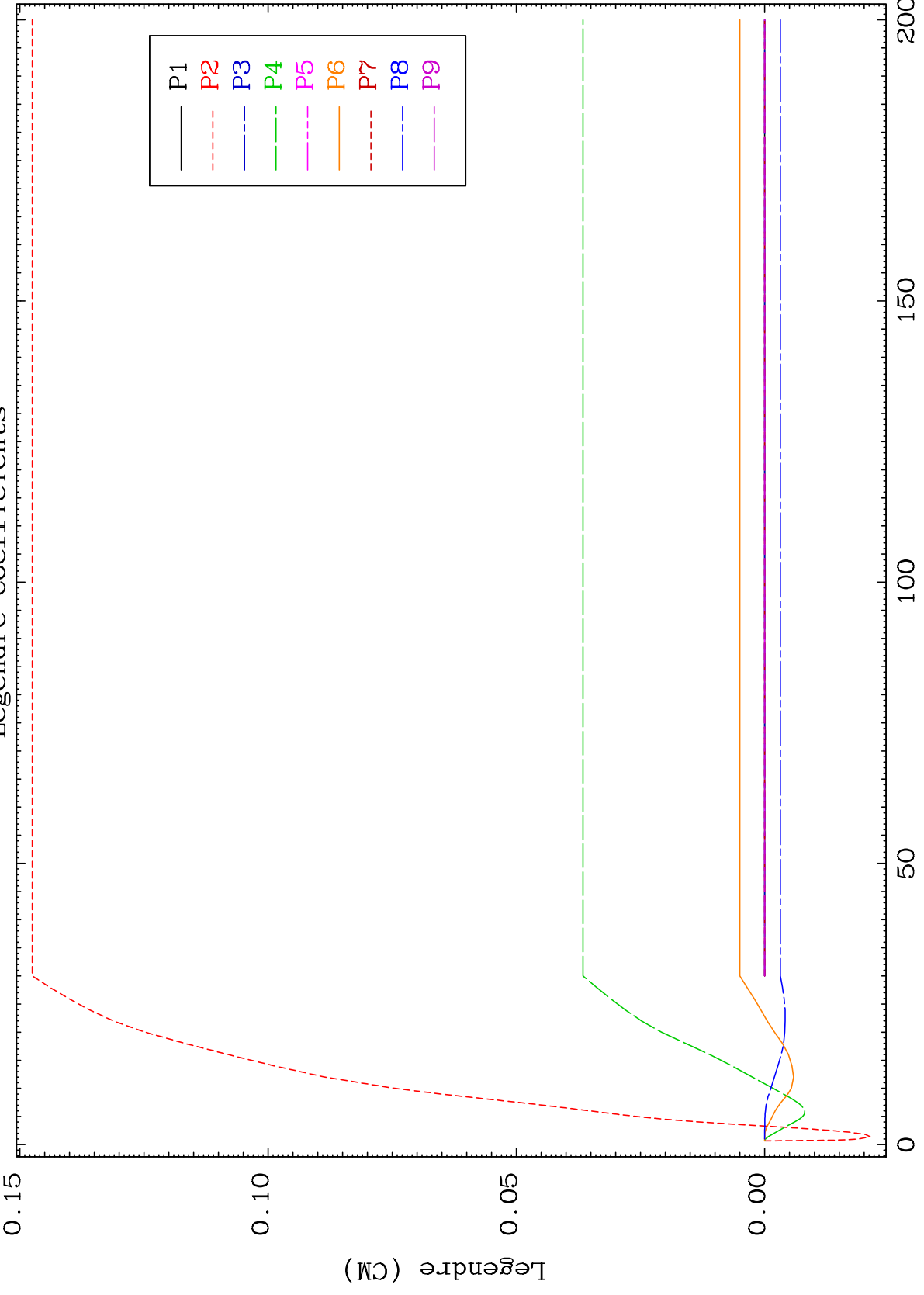




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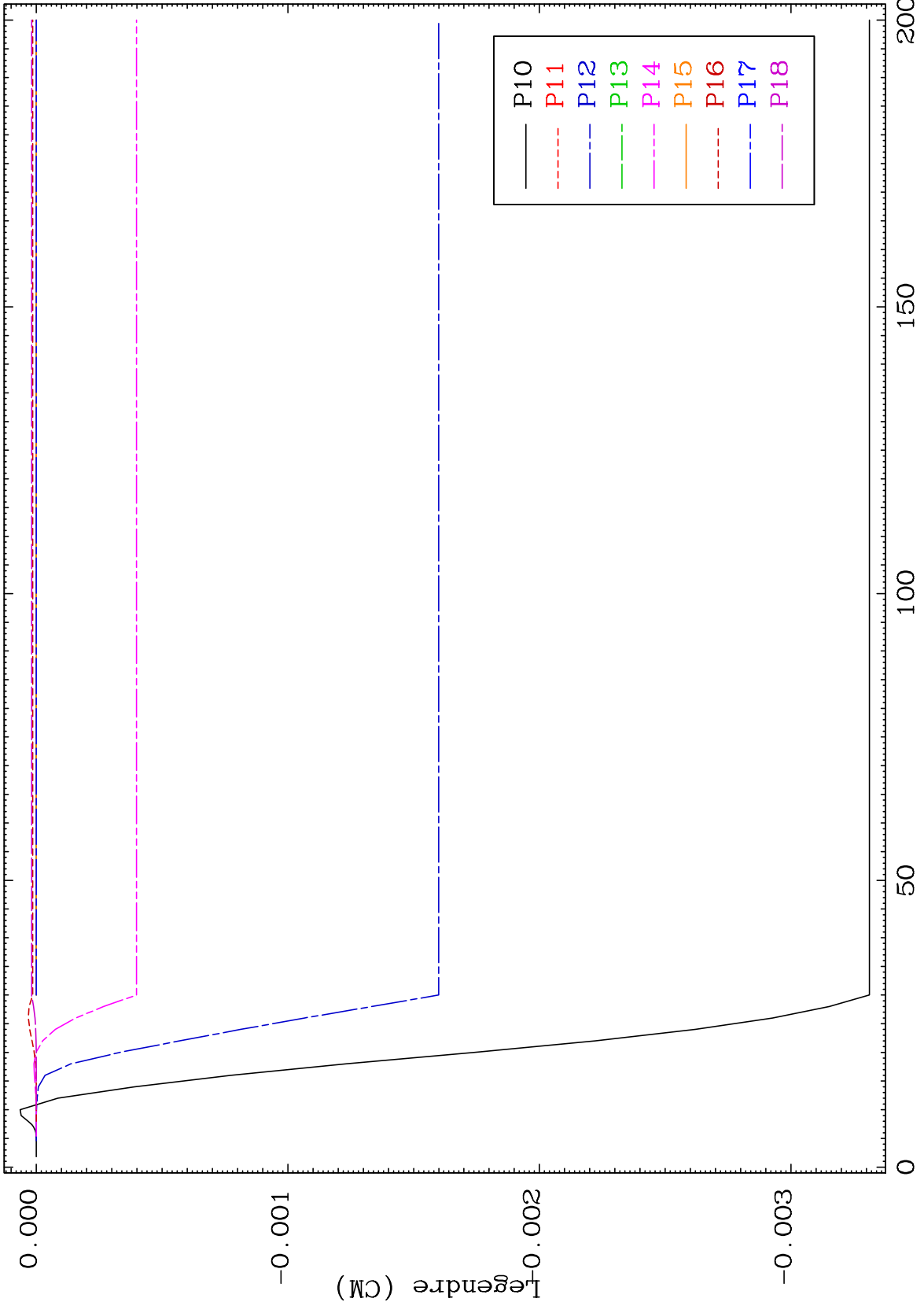


MAT 5240 MT= 61 (n,n') Level Legendre Coefficients 52-Te-125



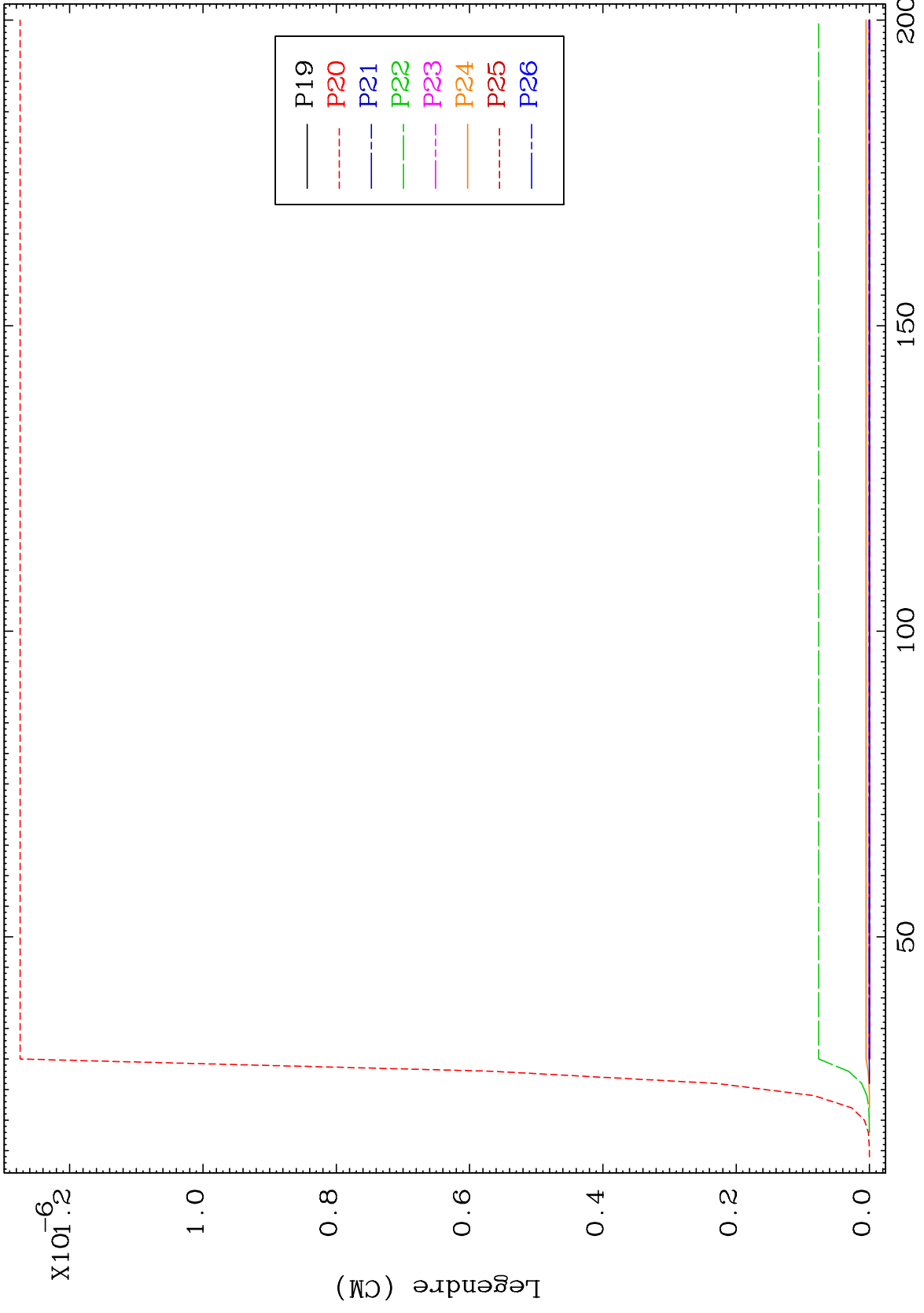
49 52-Te-125

MAT 5240 MT= 61 (n,n') Level Legendre Coefficients 52-Te-125



52-Te-125

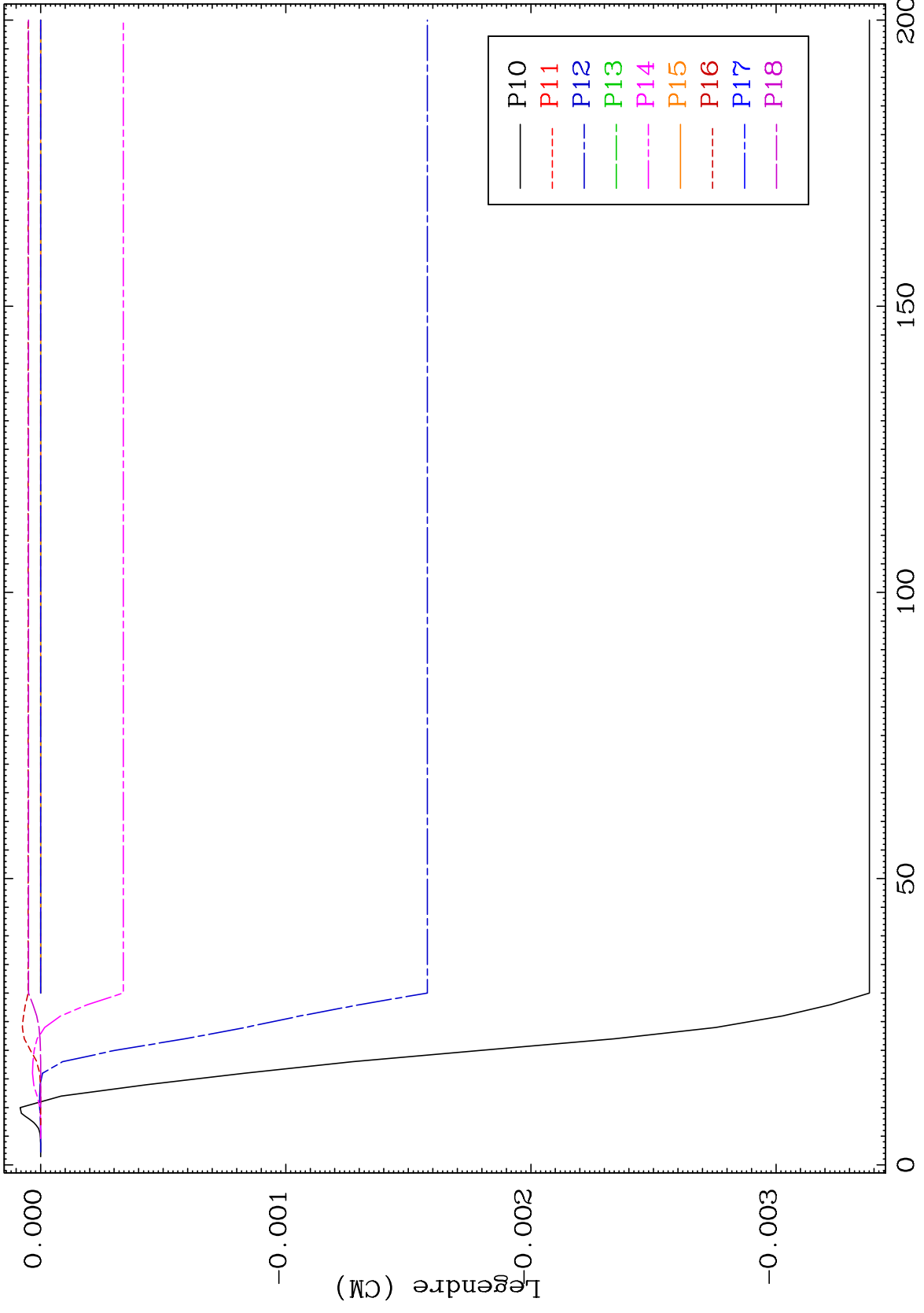
MAT 5240 MT= 61 (n,n') Level Legendre Coefficients 52-Te-125



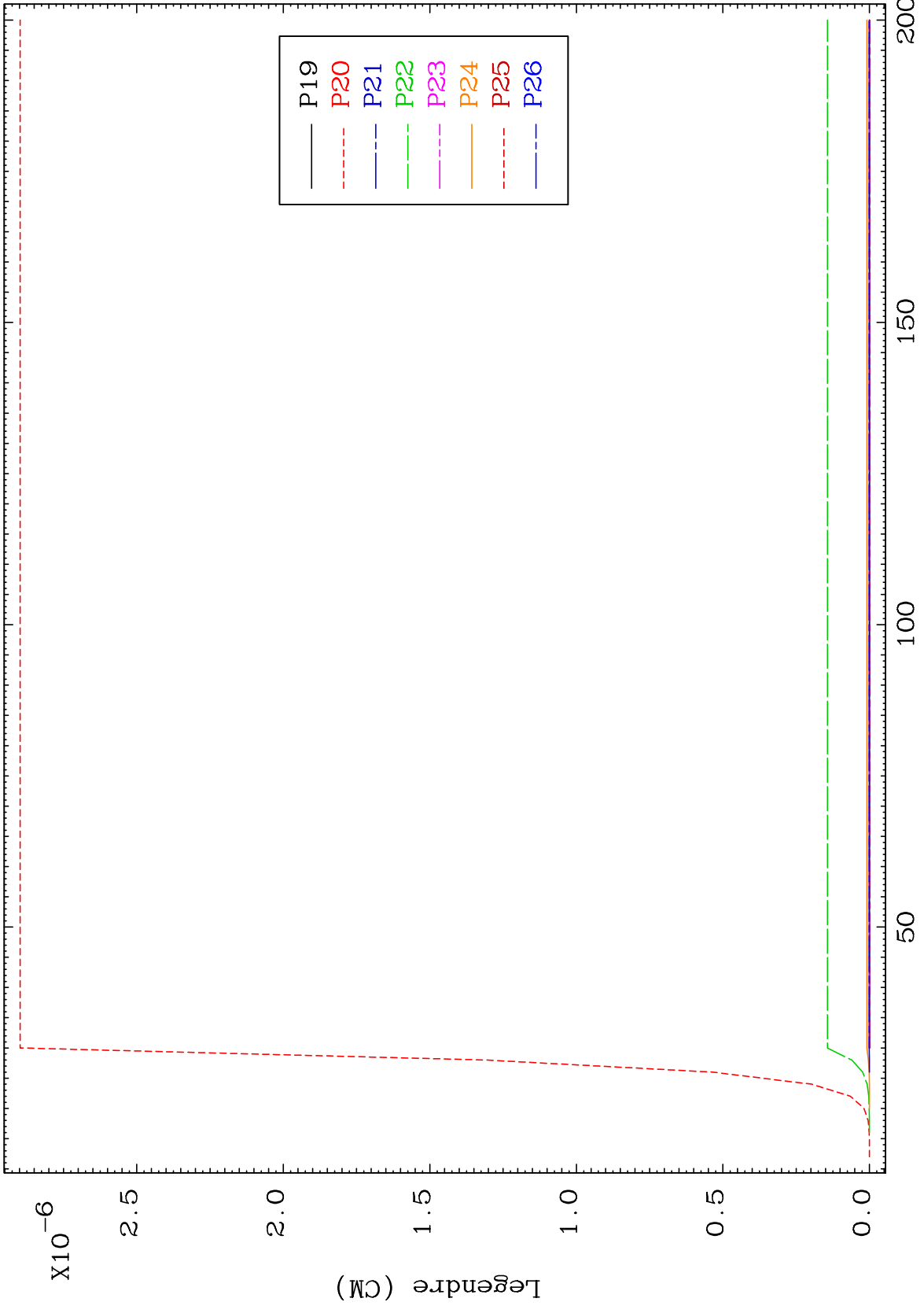
51 52-Te-125



MAT 5240 MT= 62 (n,n') Level Legendre Coefficients 52-Te-125

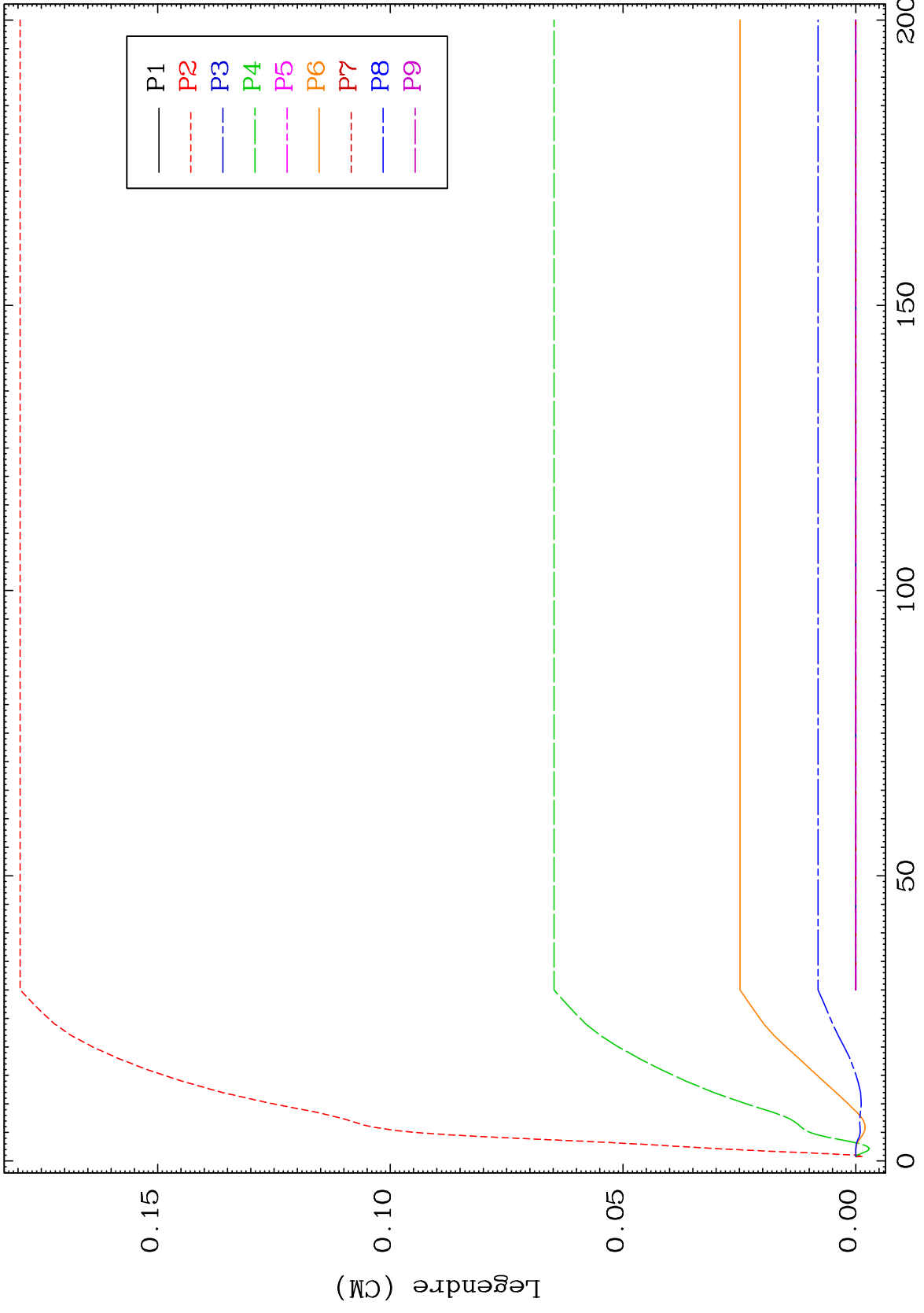


MAT 5240 MT= 62 (n,n') Level Legendre Coefficients 52-Te-125



54 52-Te-125

MAT 5240 MT= 63 (n,n') Level Legendre Coefficients 52-Te-125



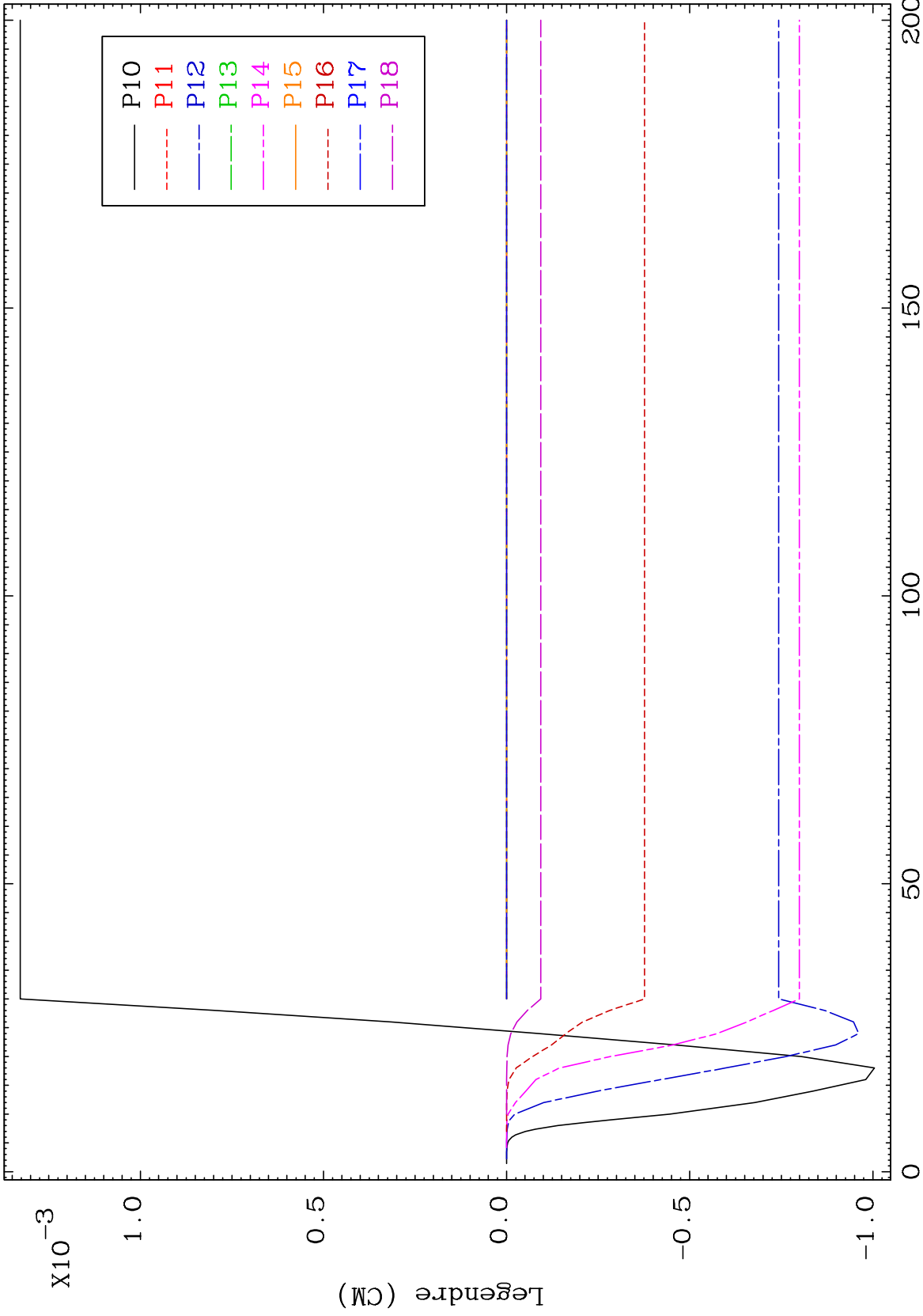
52-Te-125



MAT 5240

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

52-Te-125

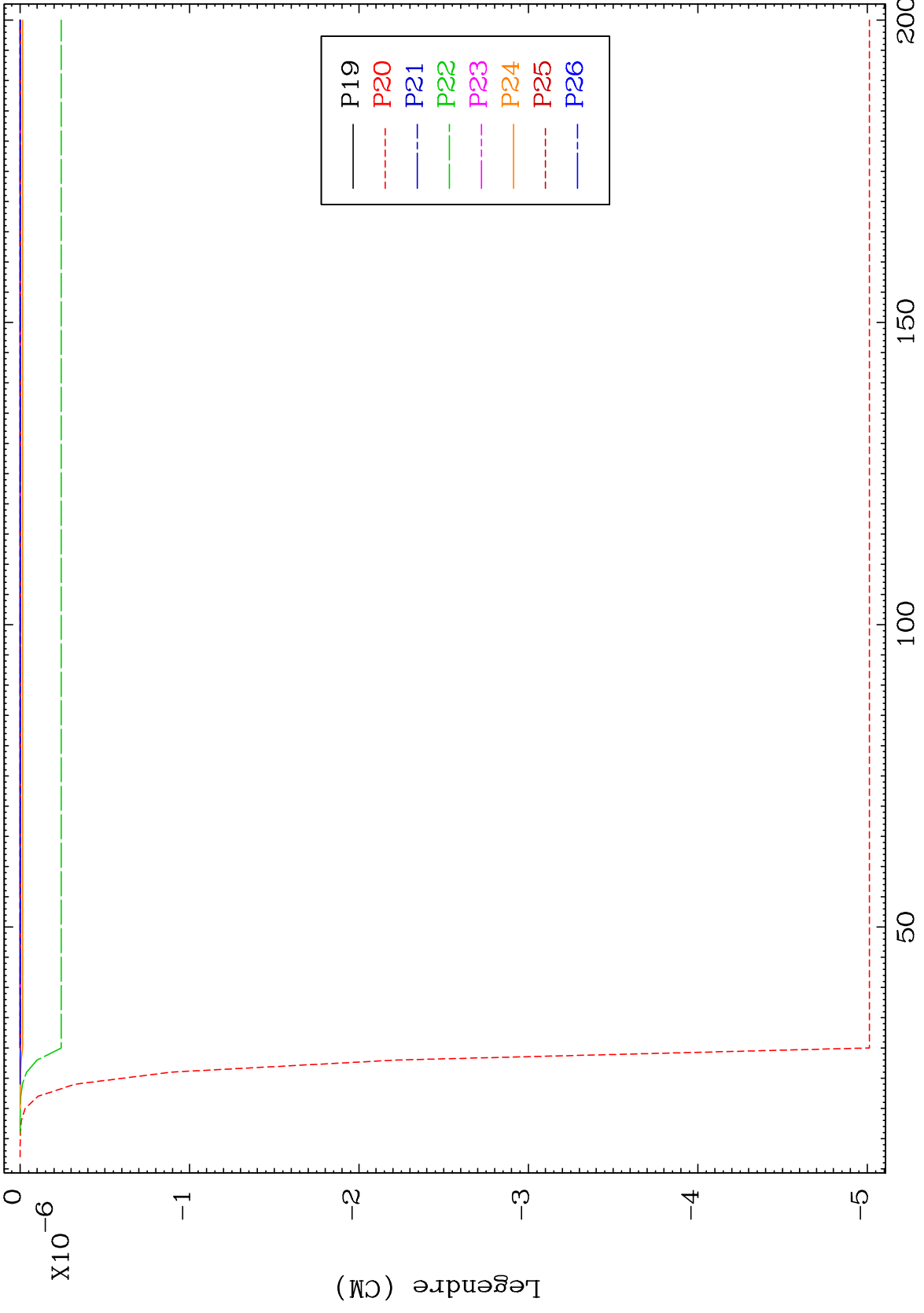


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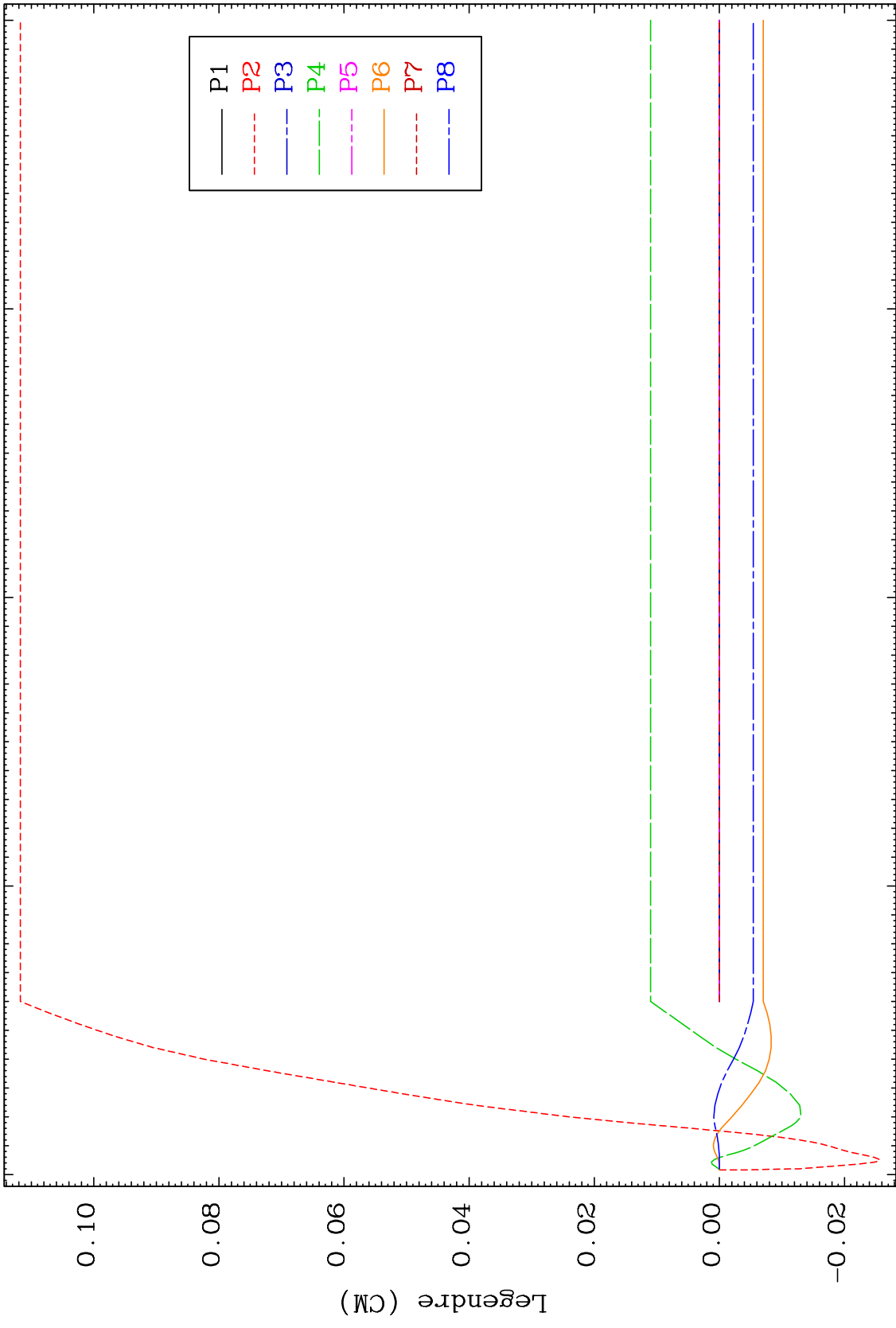
Incident Energy (MeV)

52-Te-125

MAT 5240 MT= 63 (n,n') Level Legendre Coefficients 52-Te-125



MAT 5240 MT= 64 (n,n') Level Legendre Coefficients 52-Te-125

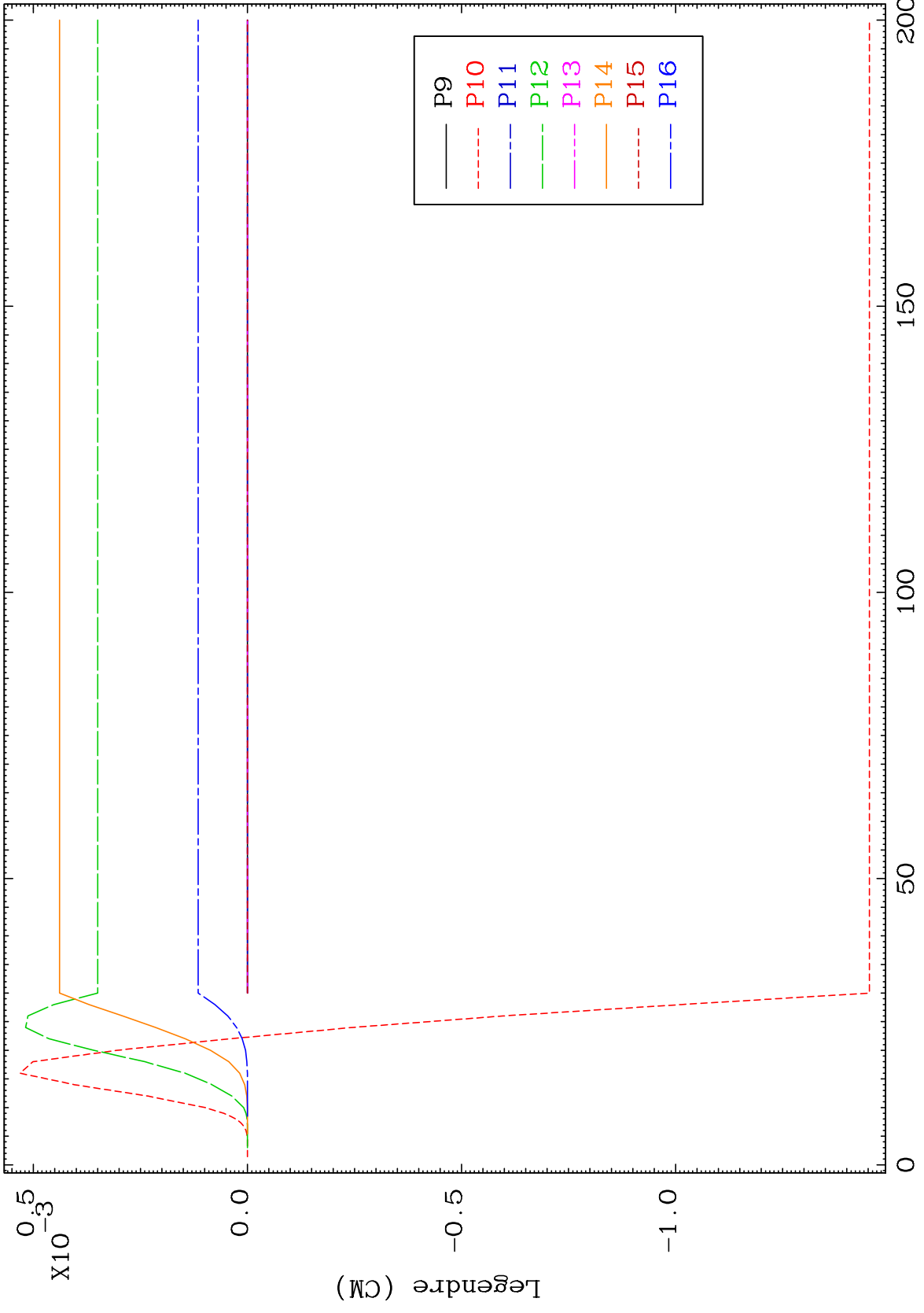


58 52-Te-125

MAT 5240

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

52-Te-125



59

Incident Energy (MeV)

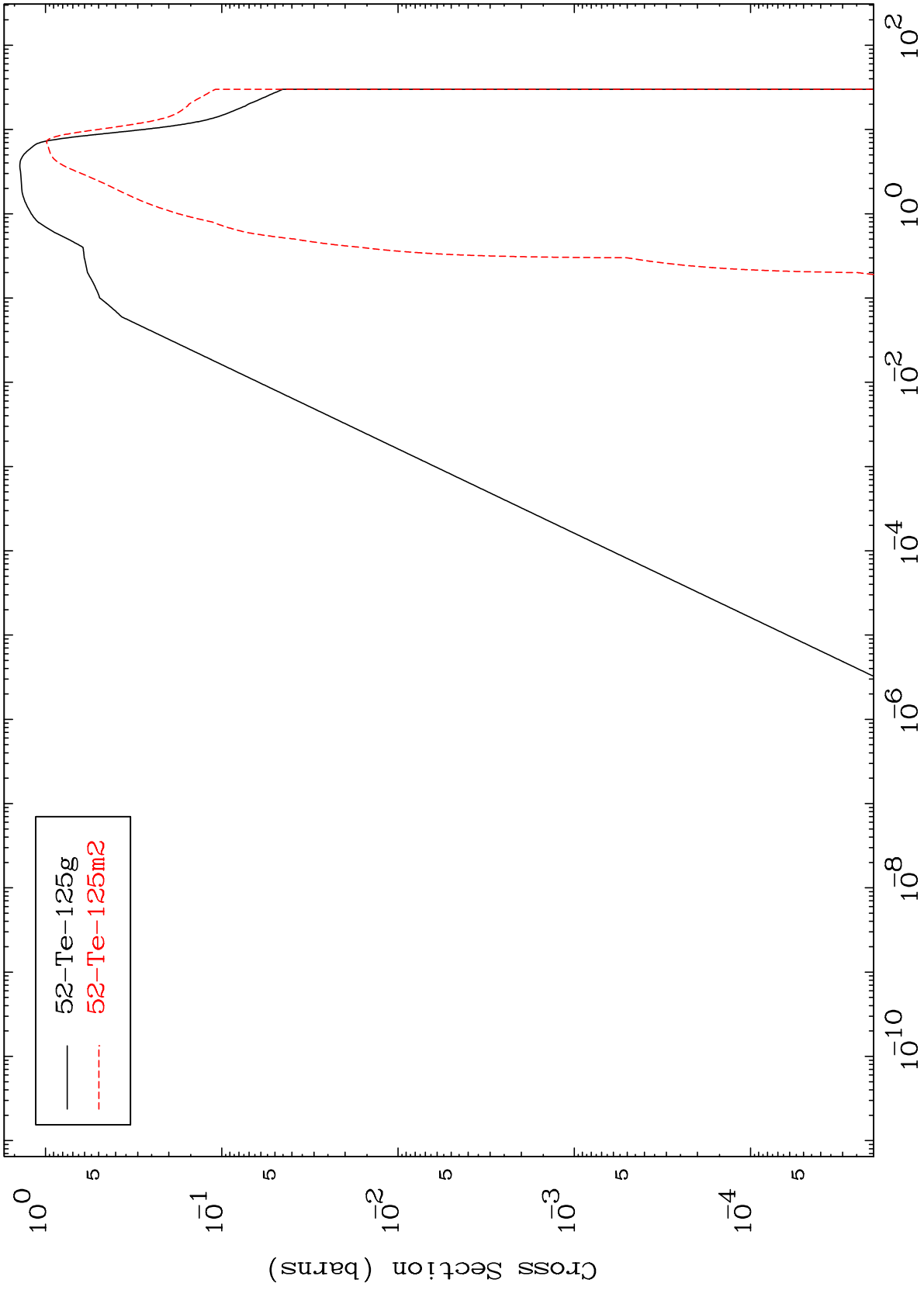
52-Te-125



MAT 5240

Inelastic  
Radionuclide Production Cross Section

<sup>52</sup>Te-125



61

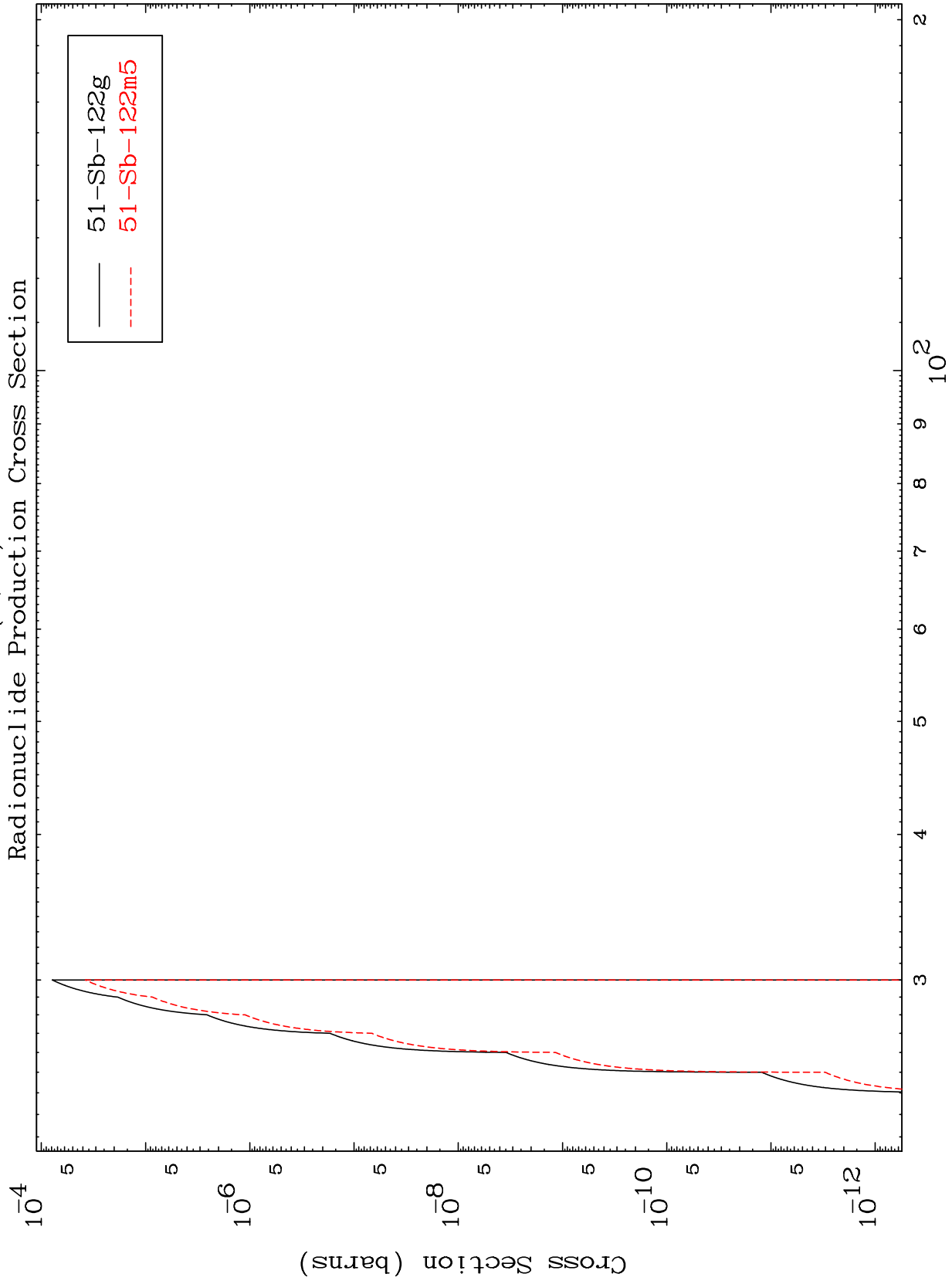
Incident Energy (MeV)

<sup>52</sup>Te-125

MAT 5240

(n,2n) d

52-Te-125



62

Incident Energy (MeV)

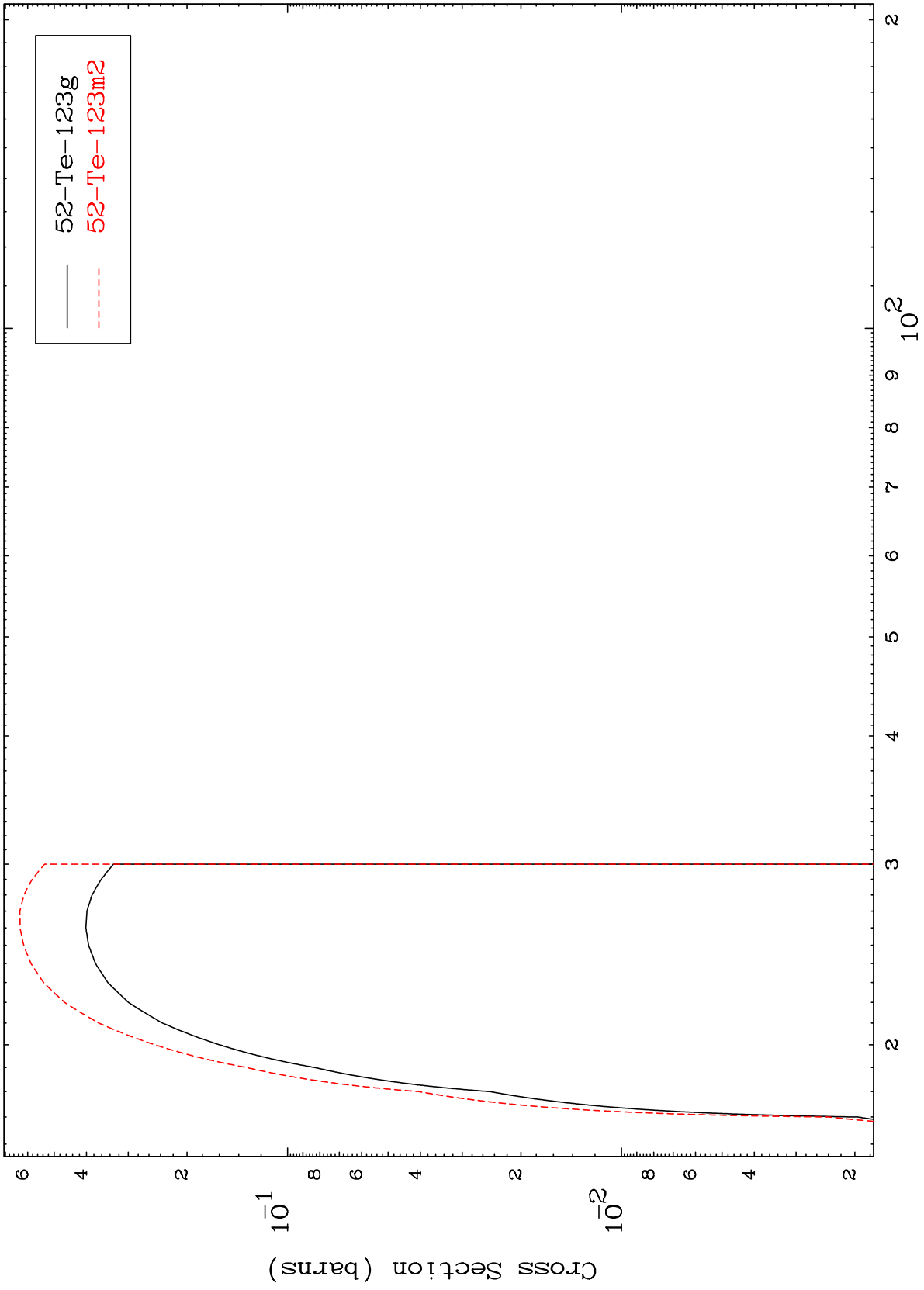
52-Te-125

MAT 5240

(n,3n)

52-Te-125

Radionuclide Production Cross Section



63

Incident Energy (MeV)

52-Te-125

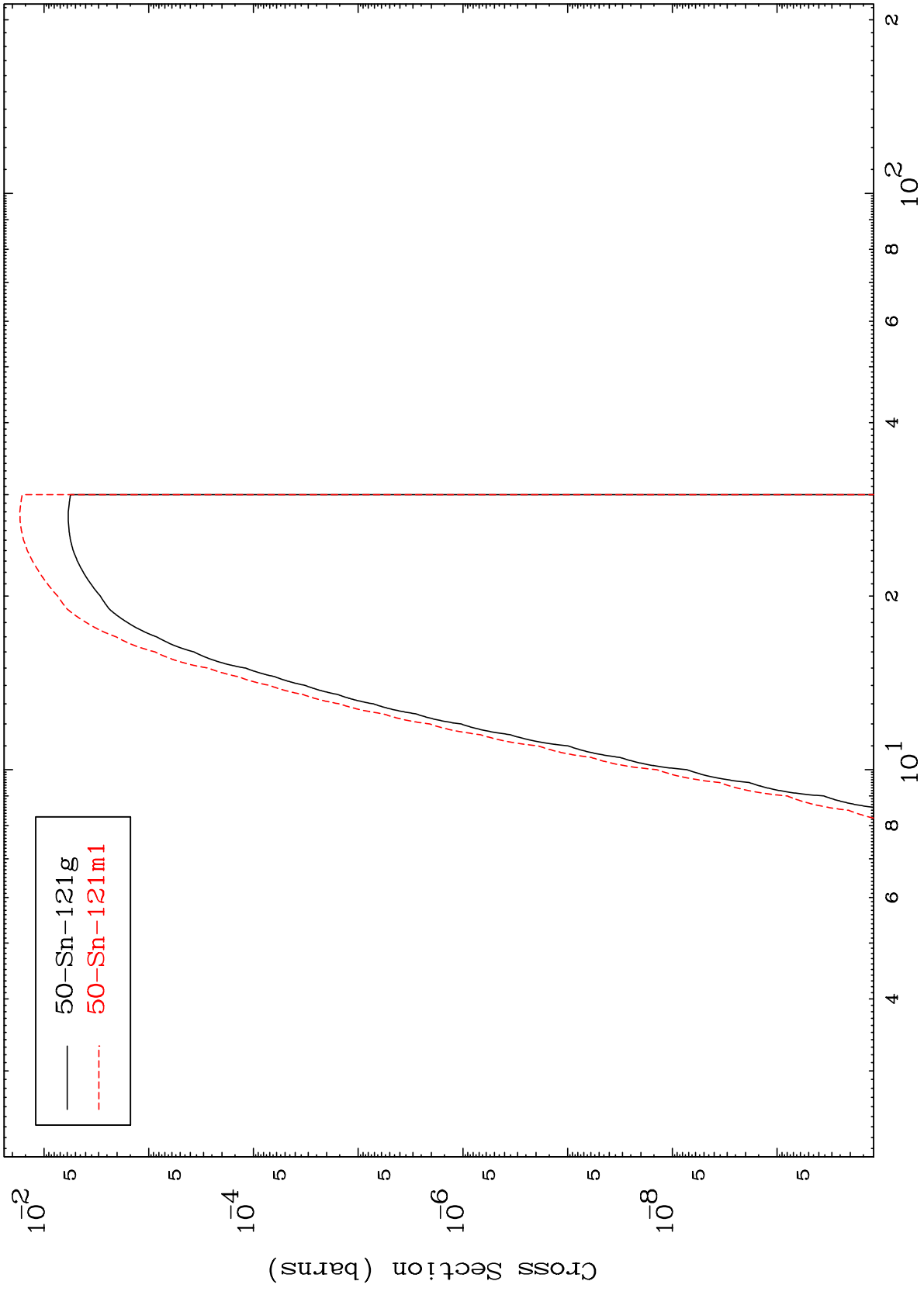


MAT 5240

(n,n')  $\alpha$

52-Te-125

Radionuclide Production Cross Section



50-Sn-121g  
50-Sn-121m1

64

Incident Energy (MeV)

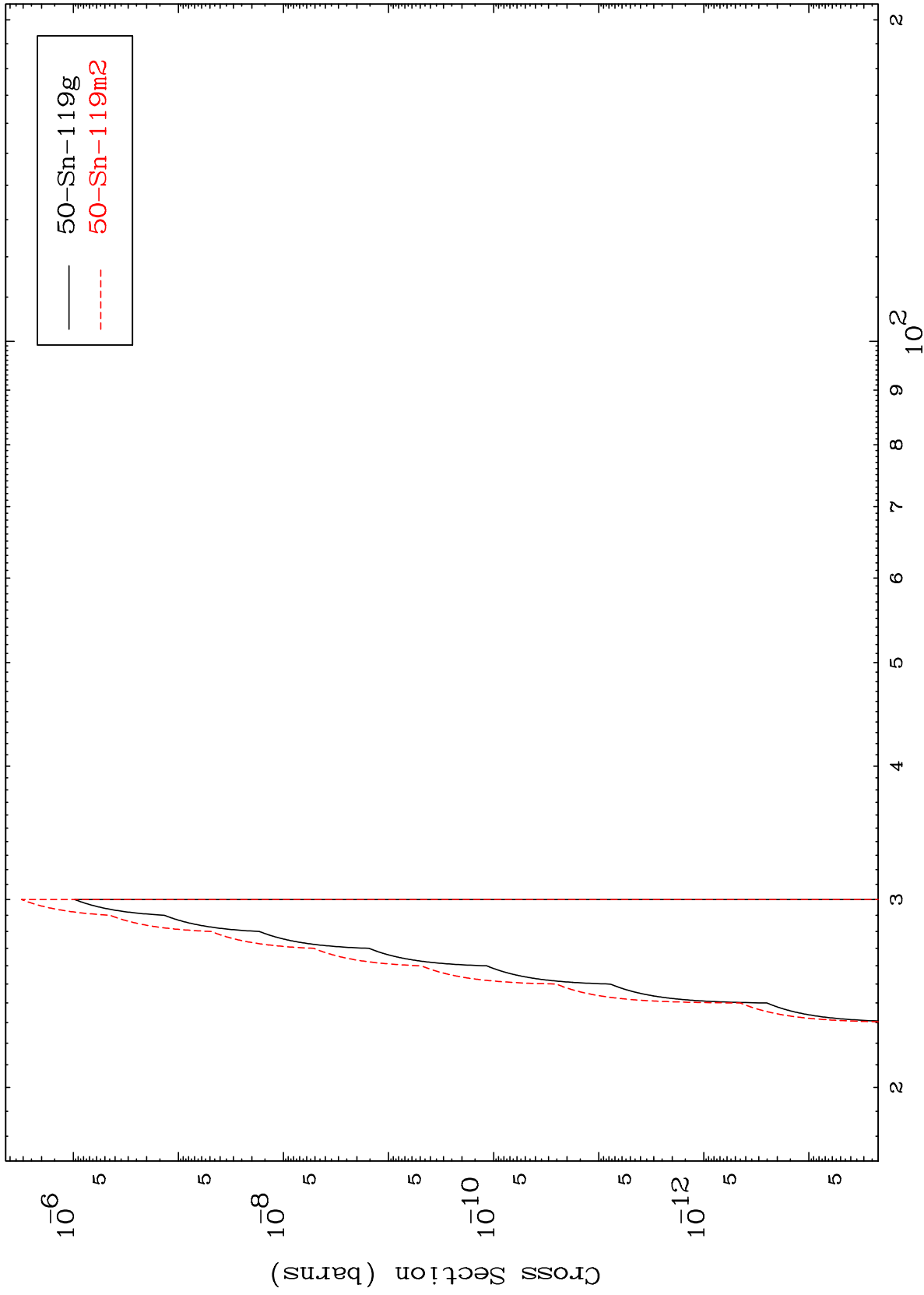
52-Te-125

MAT 5240

(n,3n)  $\alpha$

52-Te-125

Radionuclide Production Cross Section



65

Incident Energy (MeV)

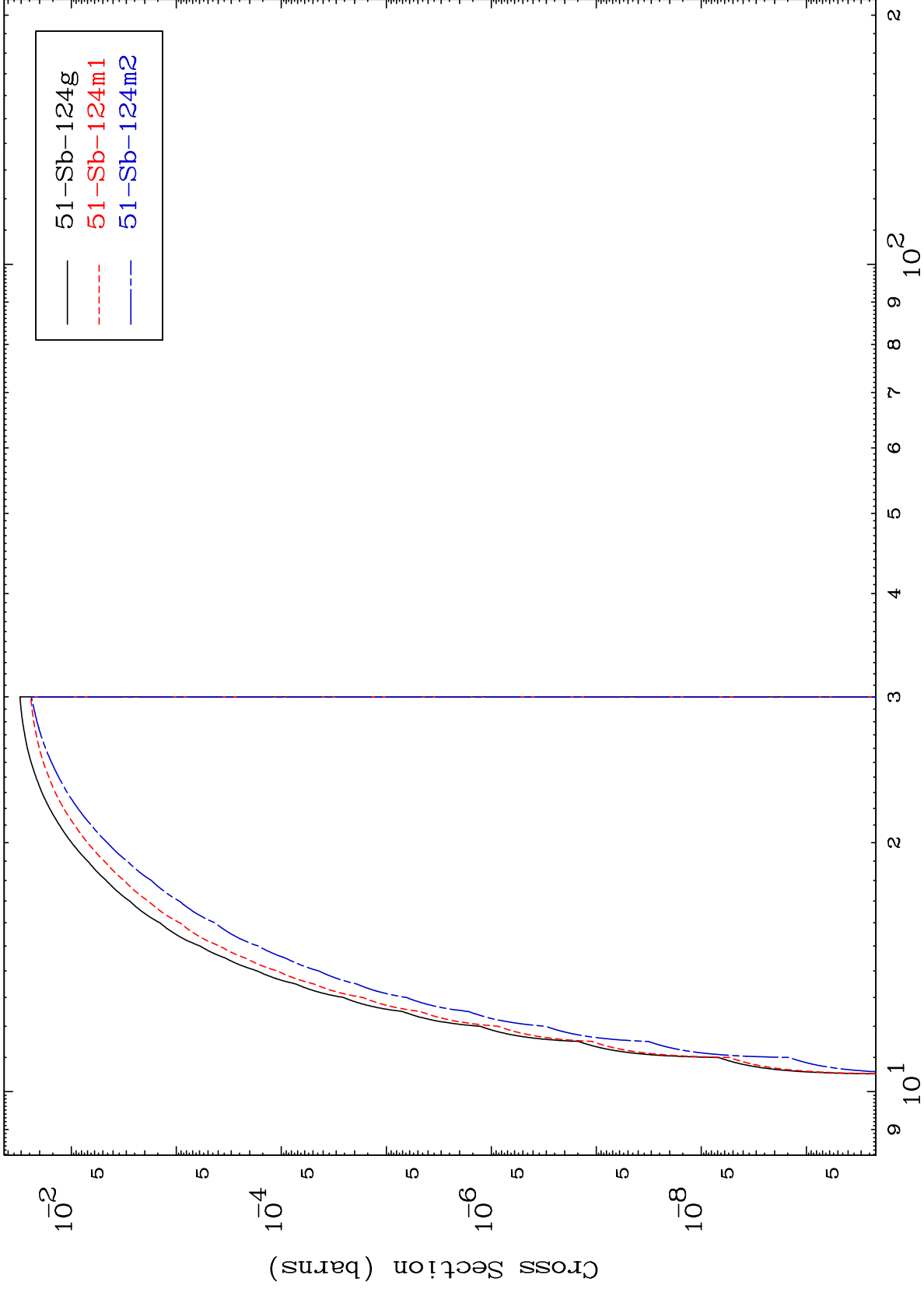
52-Te-125

MAT 5240

(n,n') p

52-Te-125

Radionuclide Production Cross Section



66

Incident Energy (MeV)

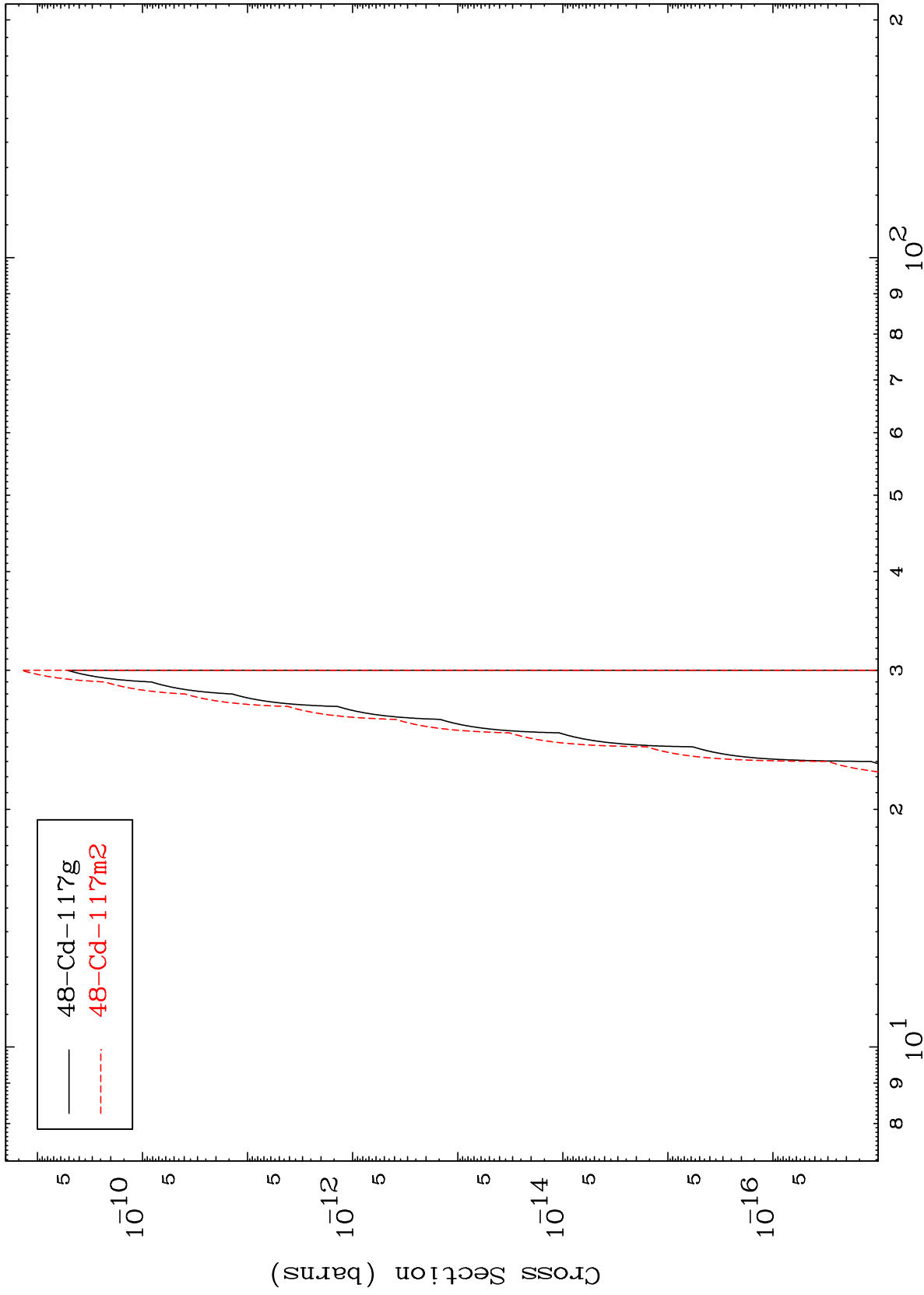
52-Te-125

MAT 5240

(n,n') 2 $\alpha$

52-Te-125

Radionuclide Production Cross Section



— 48-Cd-117g  
- - - 48-Cd-117m2

67

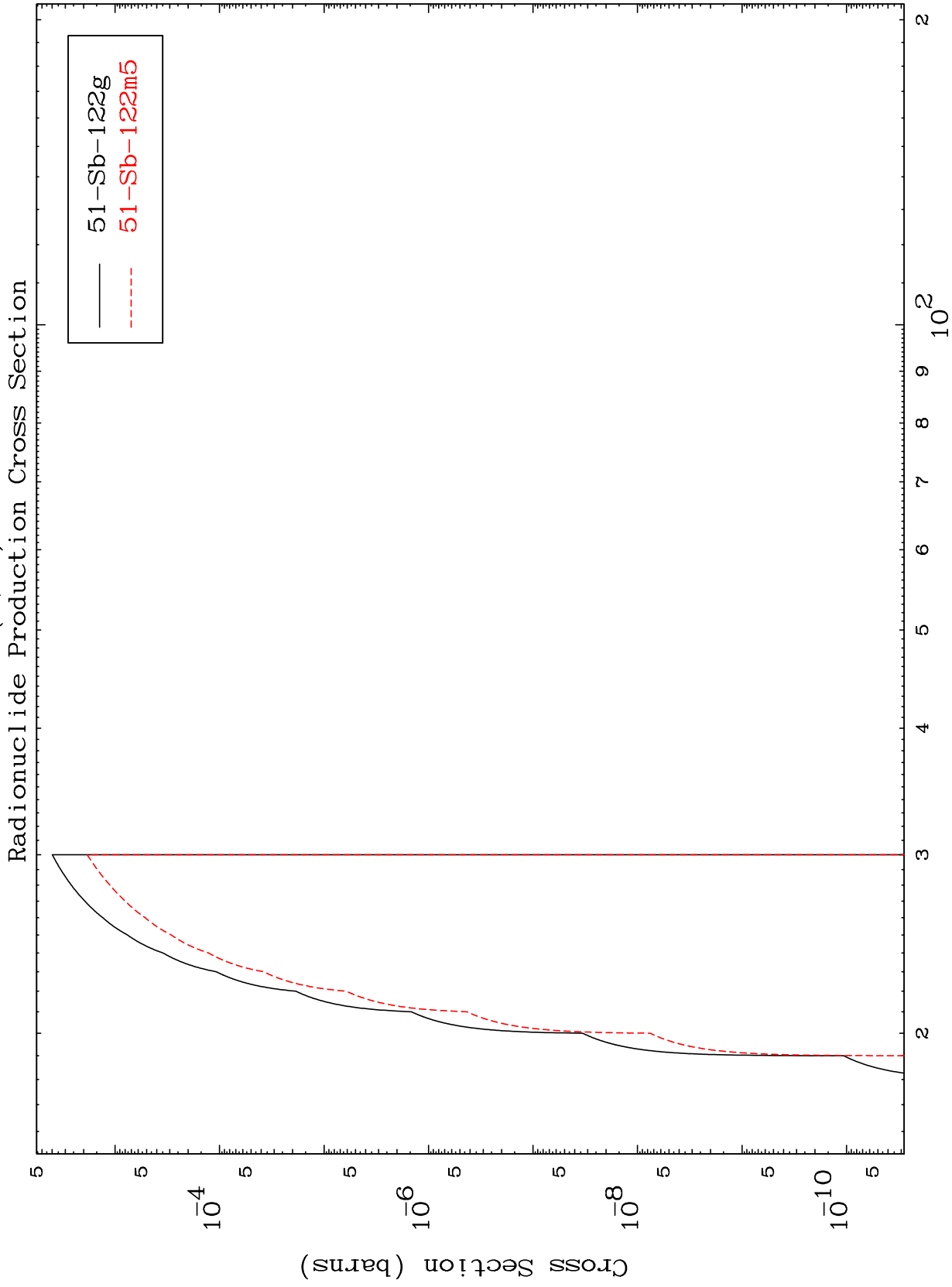
Incident Energy (MeV)

52-Te-125

MAT 5240

(n,n') t

52-Te-125



68

Incident Energy (MeV)

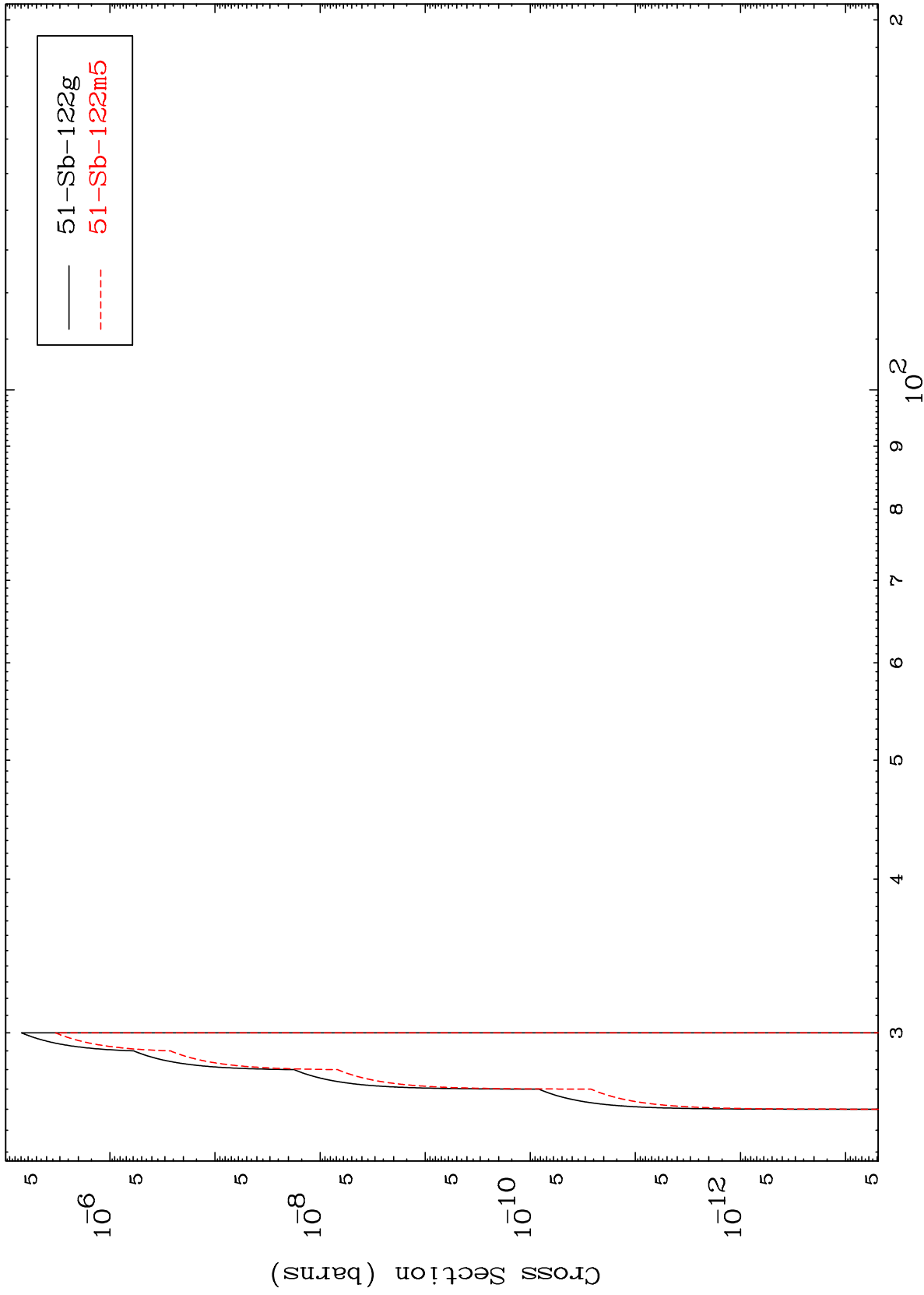
52-Te-125

MAT 5240

(n,3n) p

52-Te-125

Radionuclide Production Cross Section



69

Incident Energy (MeV)

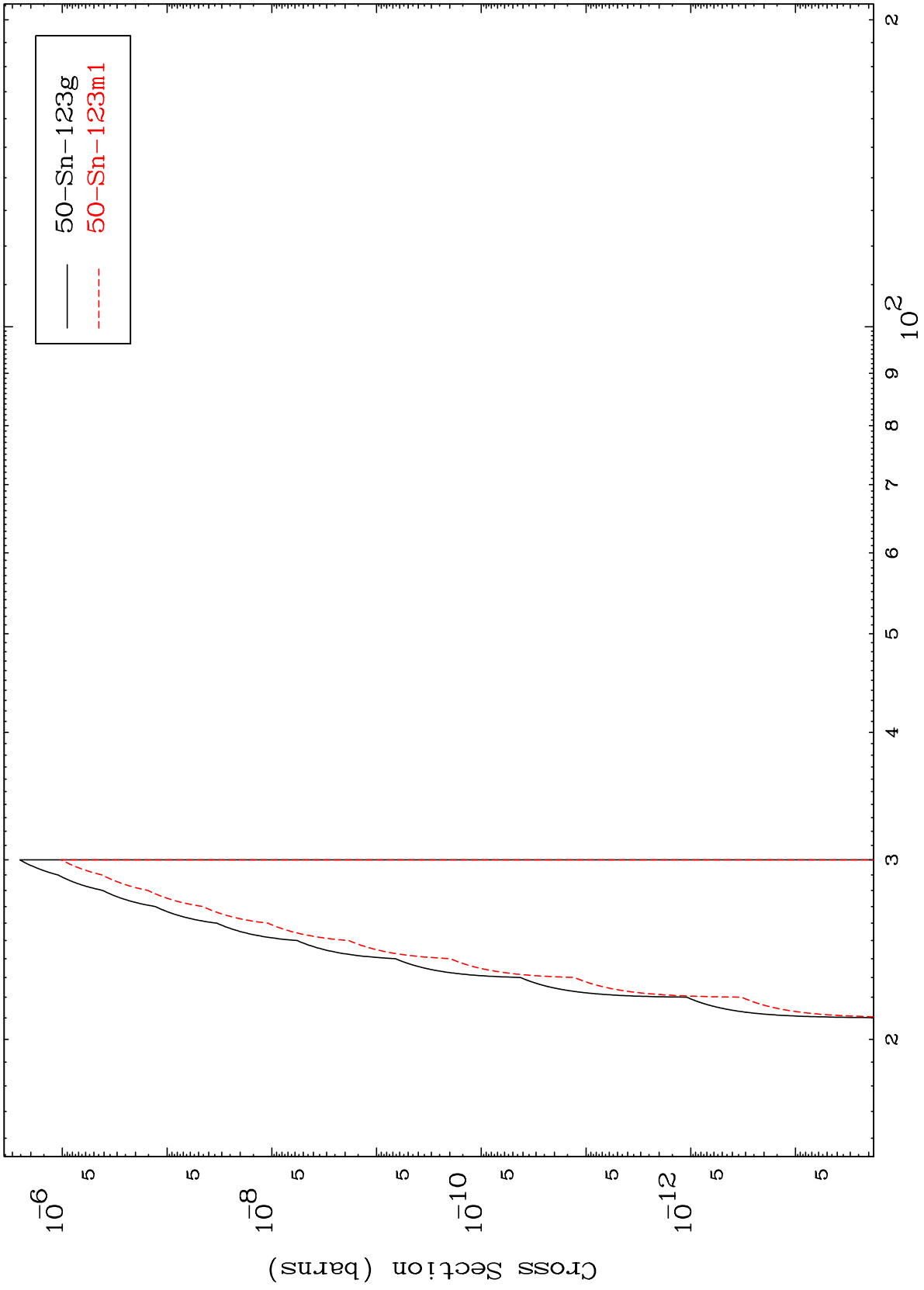
52-Te-125

MAT 5240

(n,2n) p

<sup>52</sup>Te-125

Radionuclide Production Cross Section



70

Incident Energy (MeV)

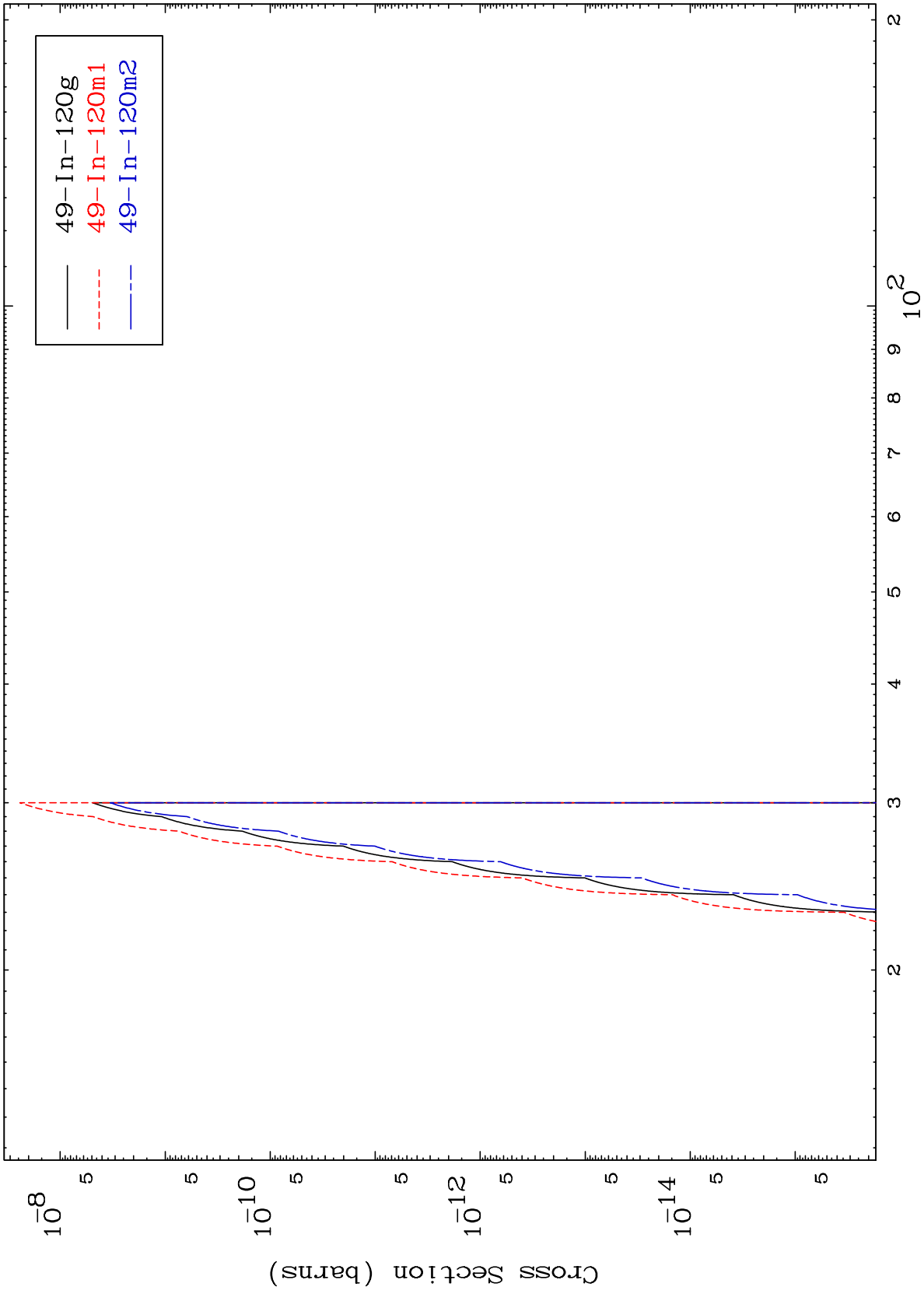
<sup>52</sup>Te-125

MAT 5240

(n,n') p  $\alpha$

52-Te-125

Radionuclide Production Cross Section



71

Incident Energy (MeV)

52-Te-125

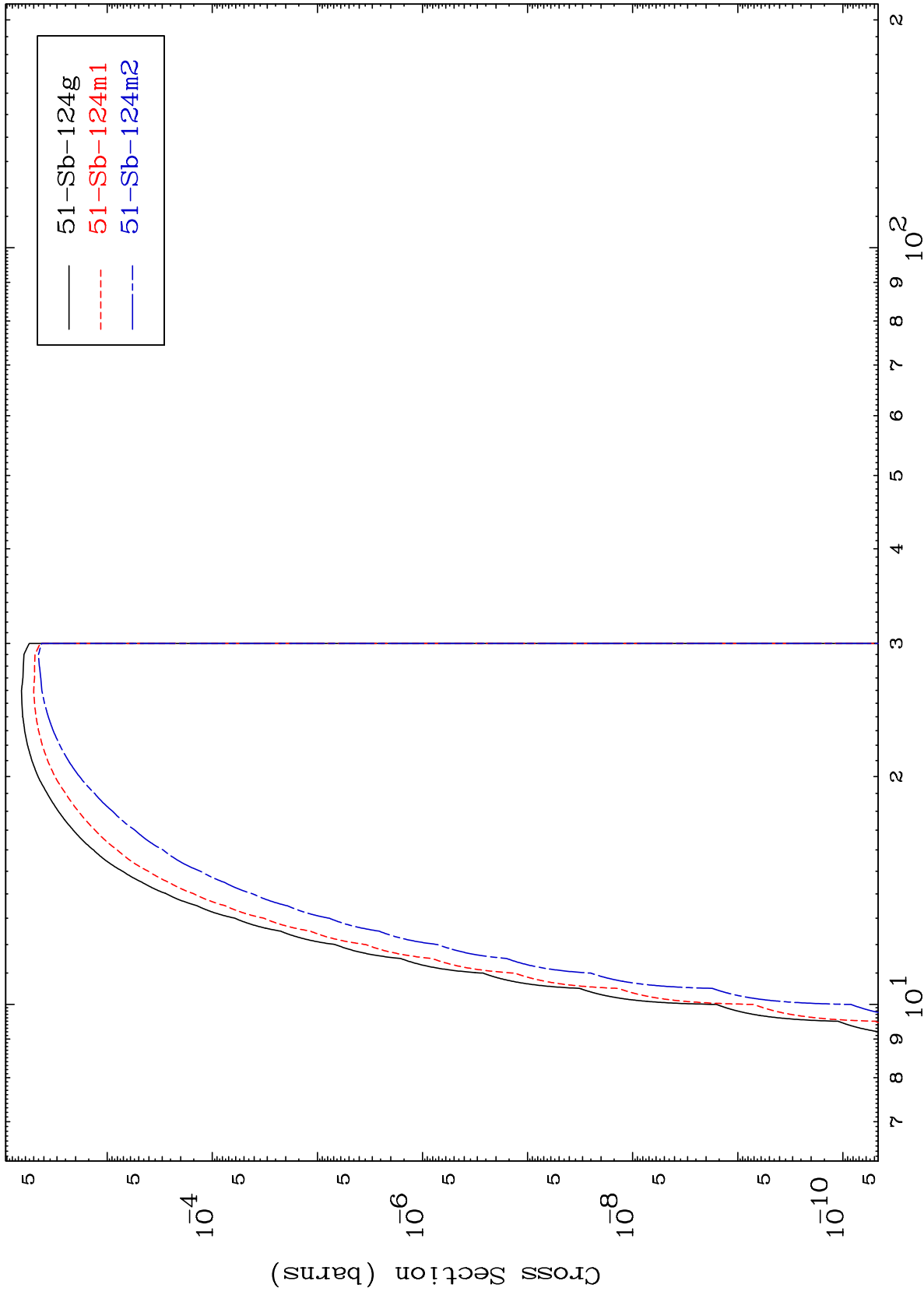


MAT 5240

(n,d)

52-Te-125

Radionuclide Production Cross Section



72

Incident Energy (MeV)

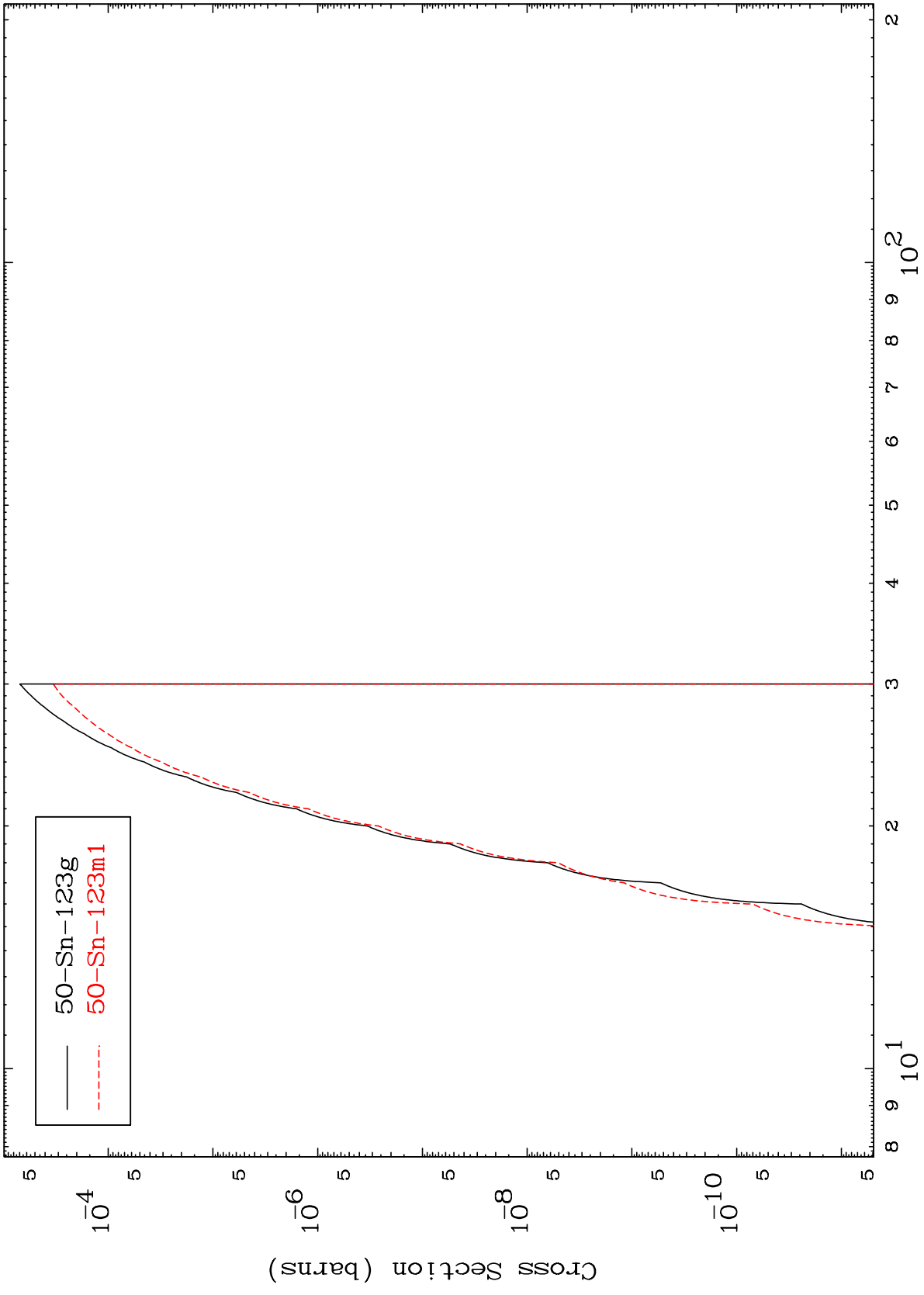
52-Te-125

MAT 5240

(n,He-3)

52-Te-125

Radionuclide Production Cross Section



73

Incident Energy (MeV)

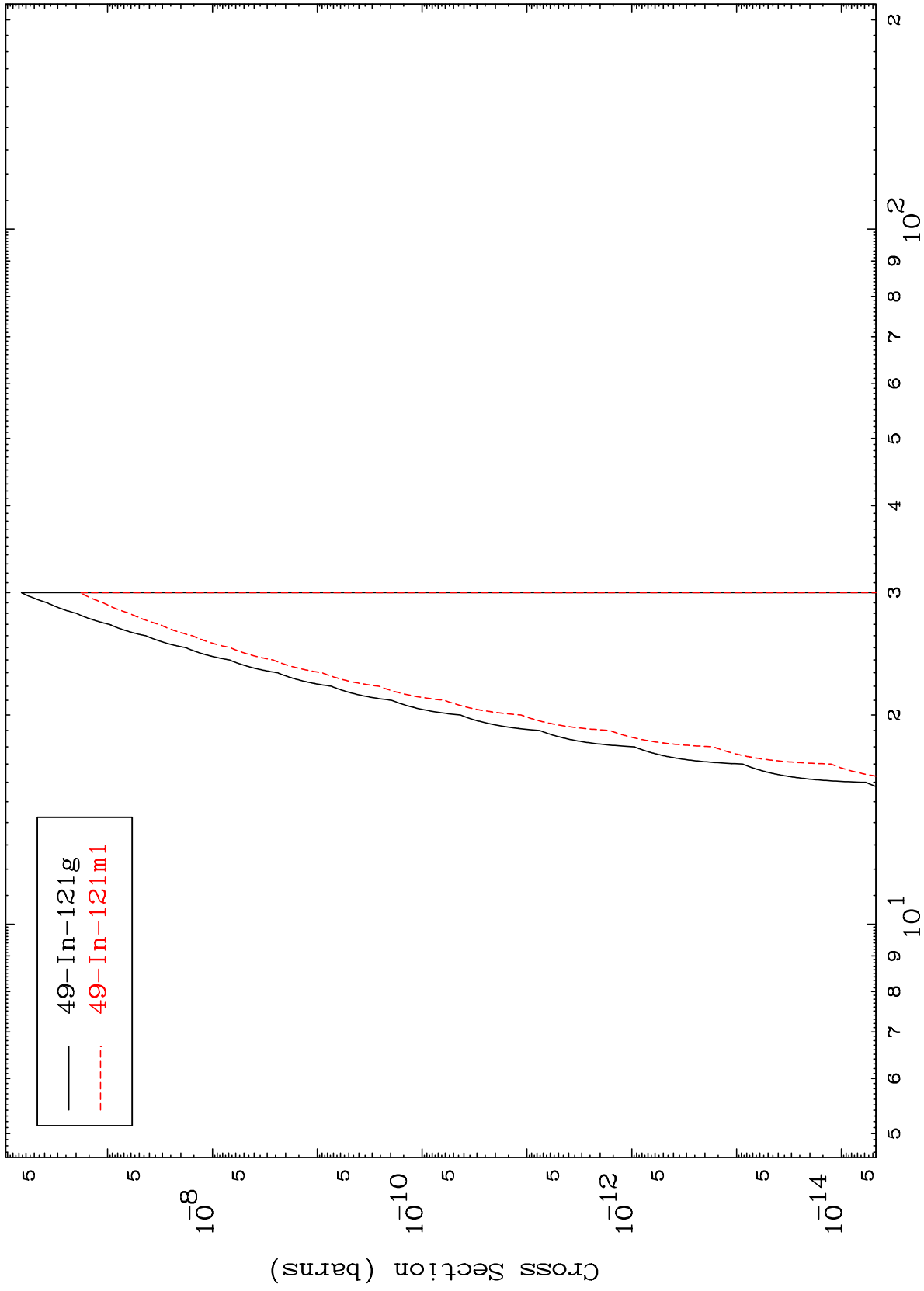
52-Te-125

MAT 5240

(n,p)  $\alpha$

52-Te-125

Radionuclide Production Cross Section



74

Incident Energy (MeV)

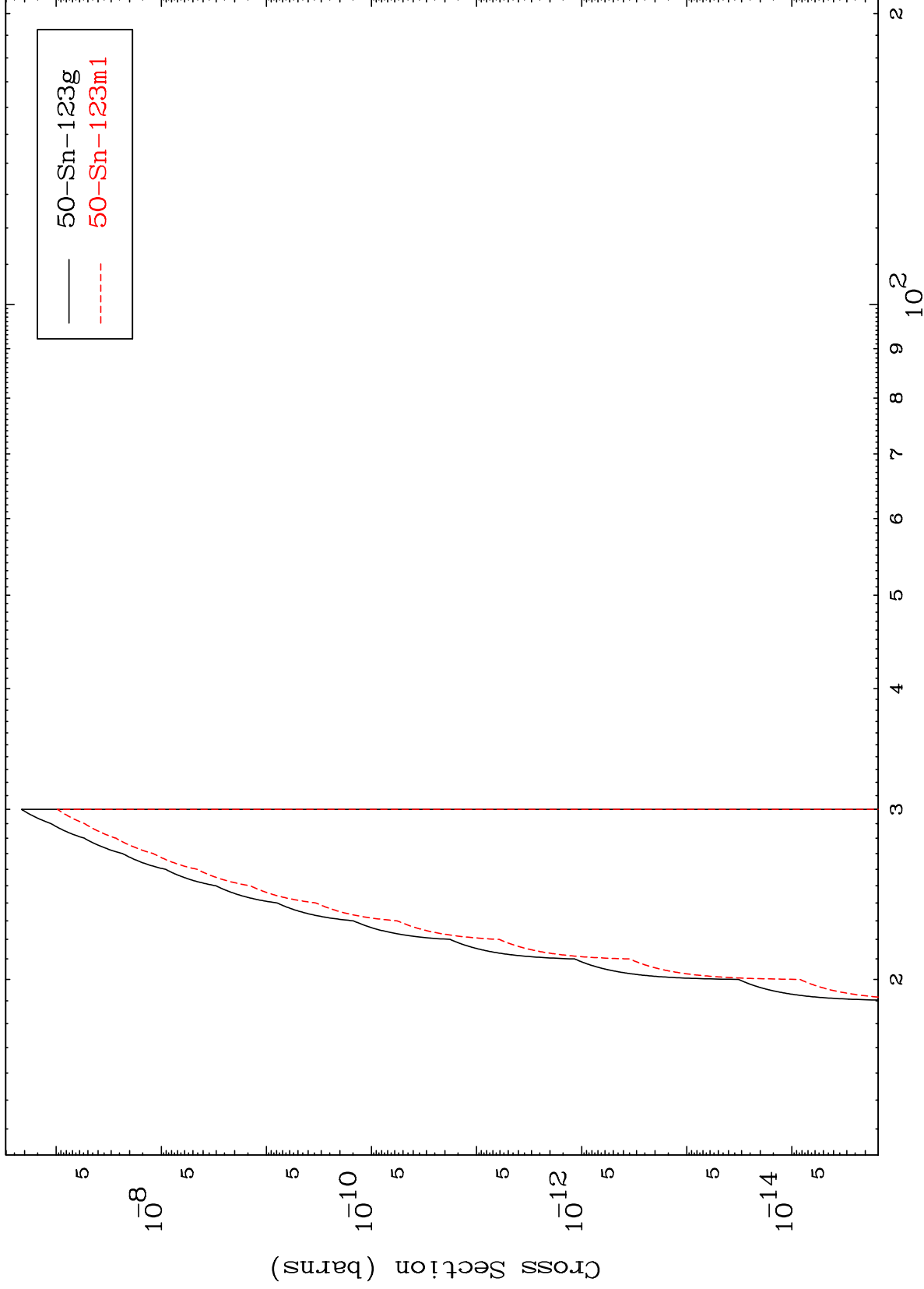
52-Te-125

MAT 5240

(n,p) d

<sup>52</sup>Te-125

Radionuclide Production Cross Section



75

Incident Energy (MeV)

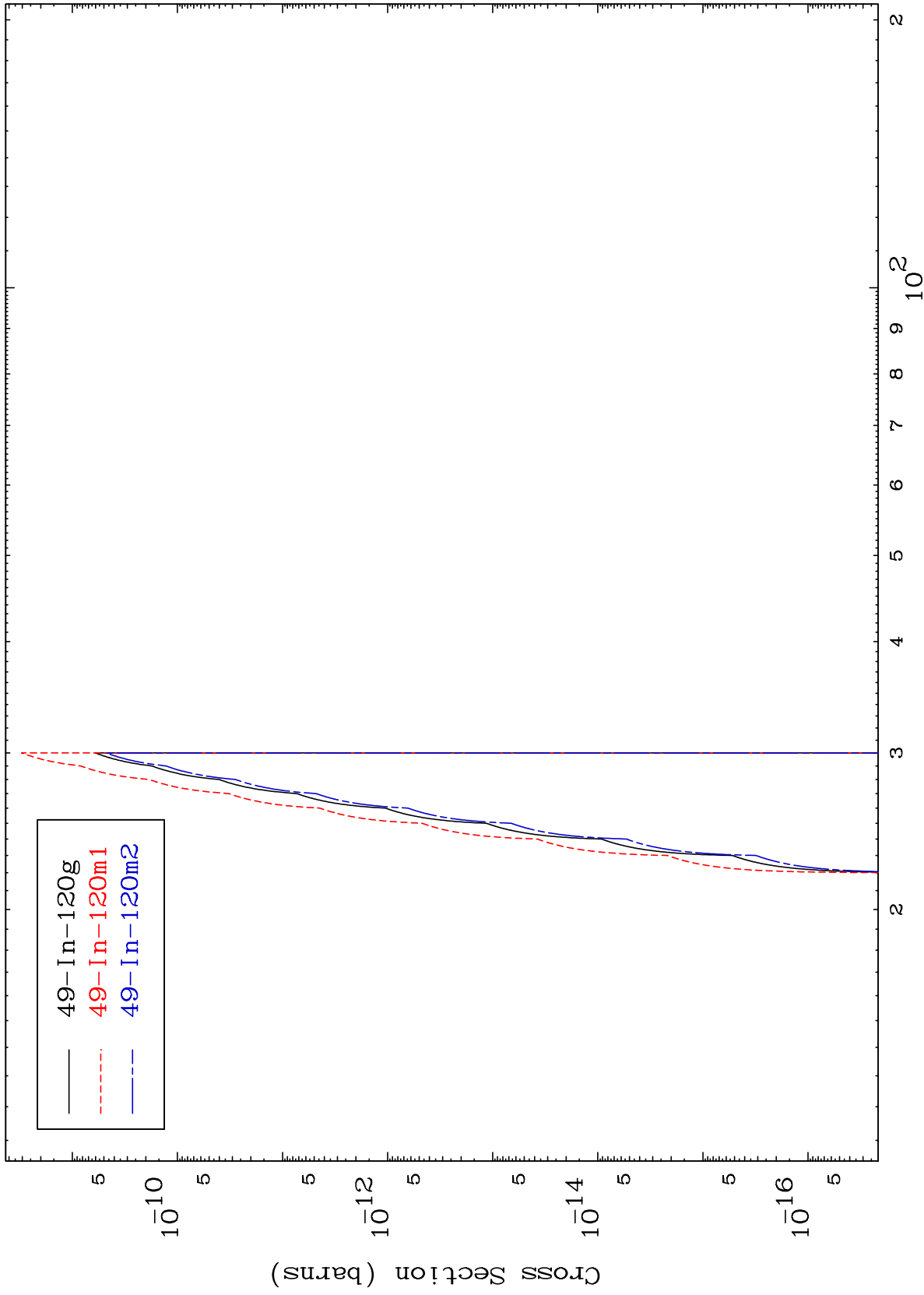
<sup>52</sup>Te-125

MAT 5240

(n,d)  $\alpha$

52-Te-125

Radionuclide Production Cross Section



76

Incident Energy (MeV)

52-Te-125