

Program EVALPLOT
(Version 2021-1)

by

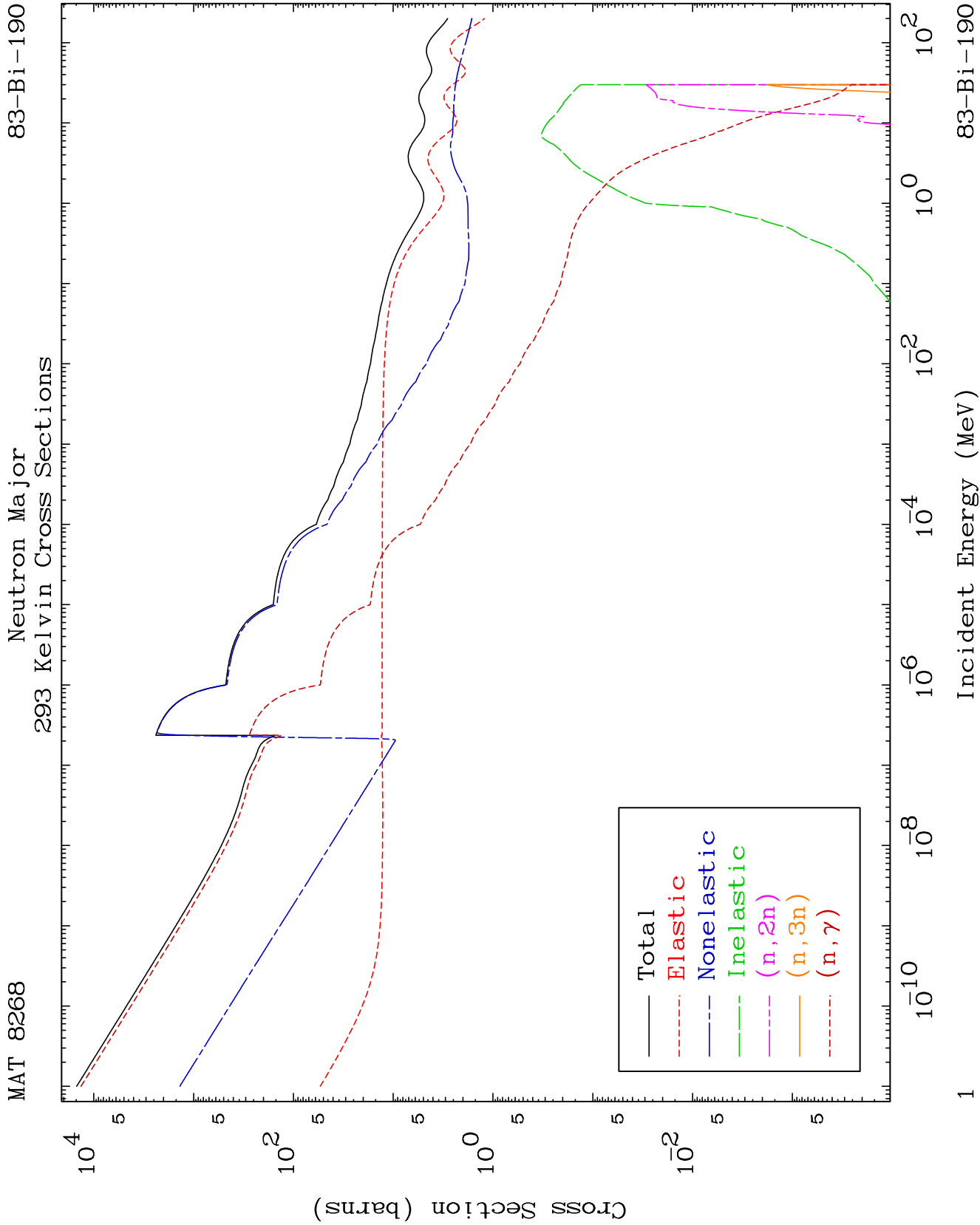
Dermott E. Cullen
(Present Contact Information)

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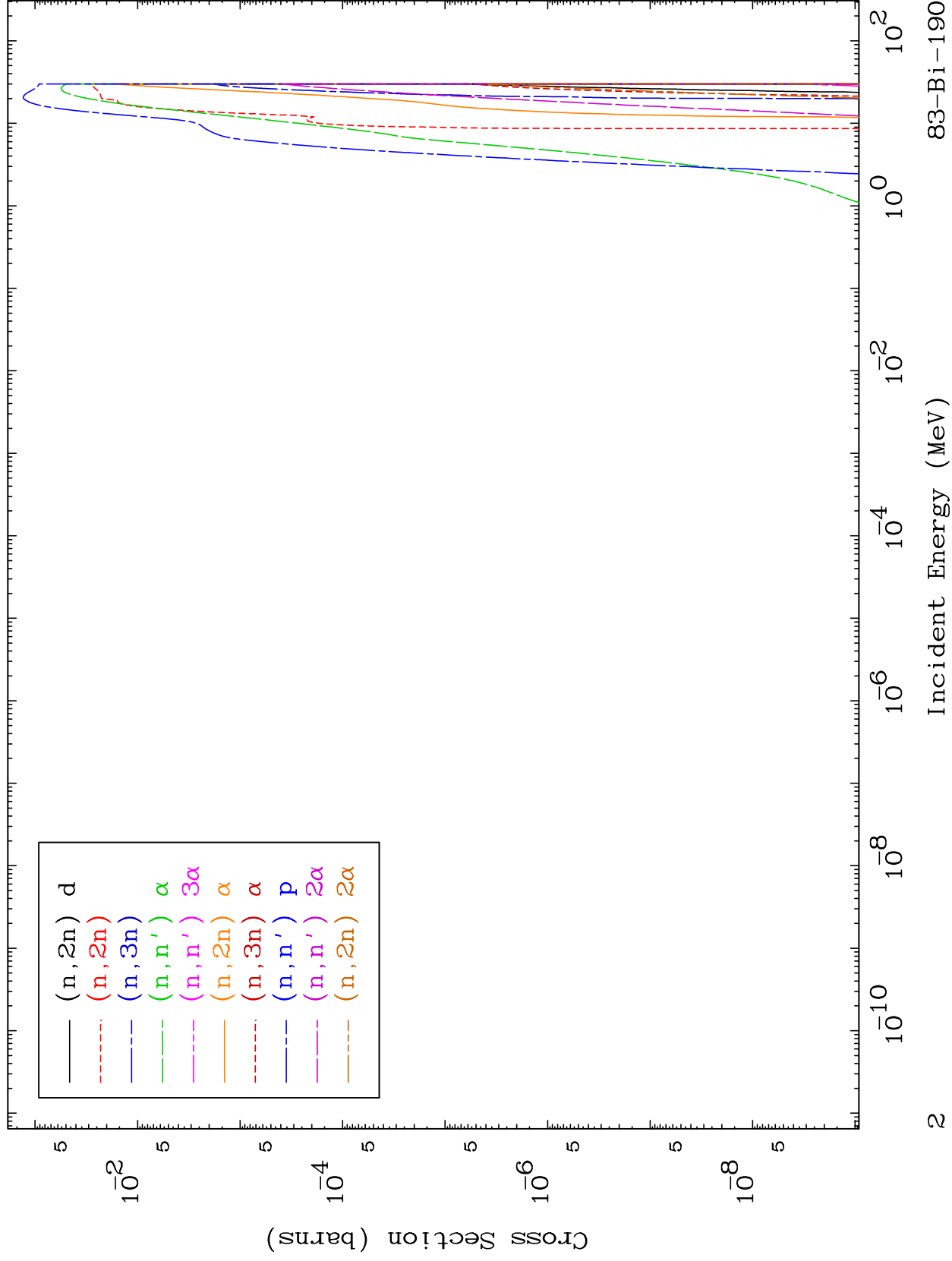
Press Mouse Button to Start

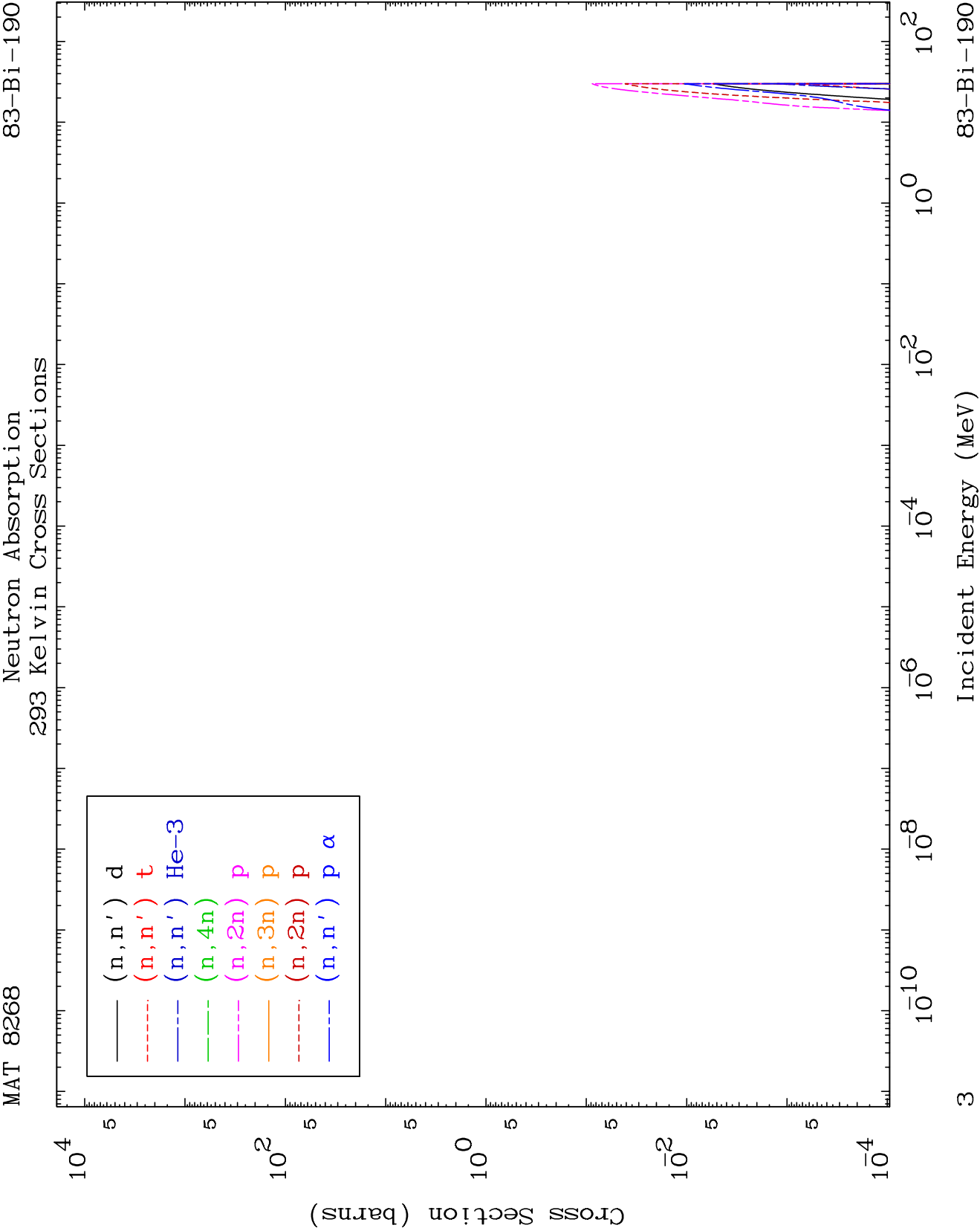


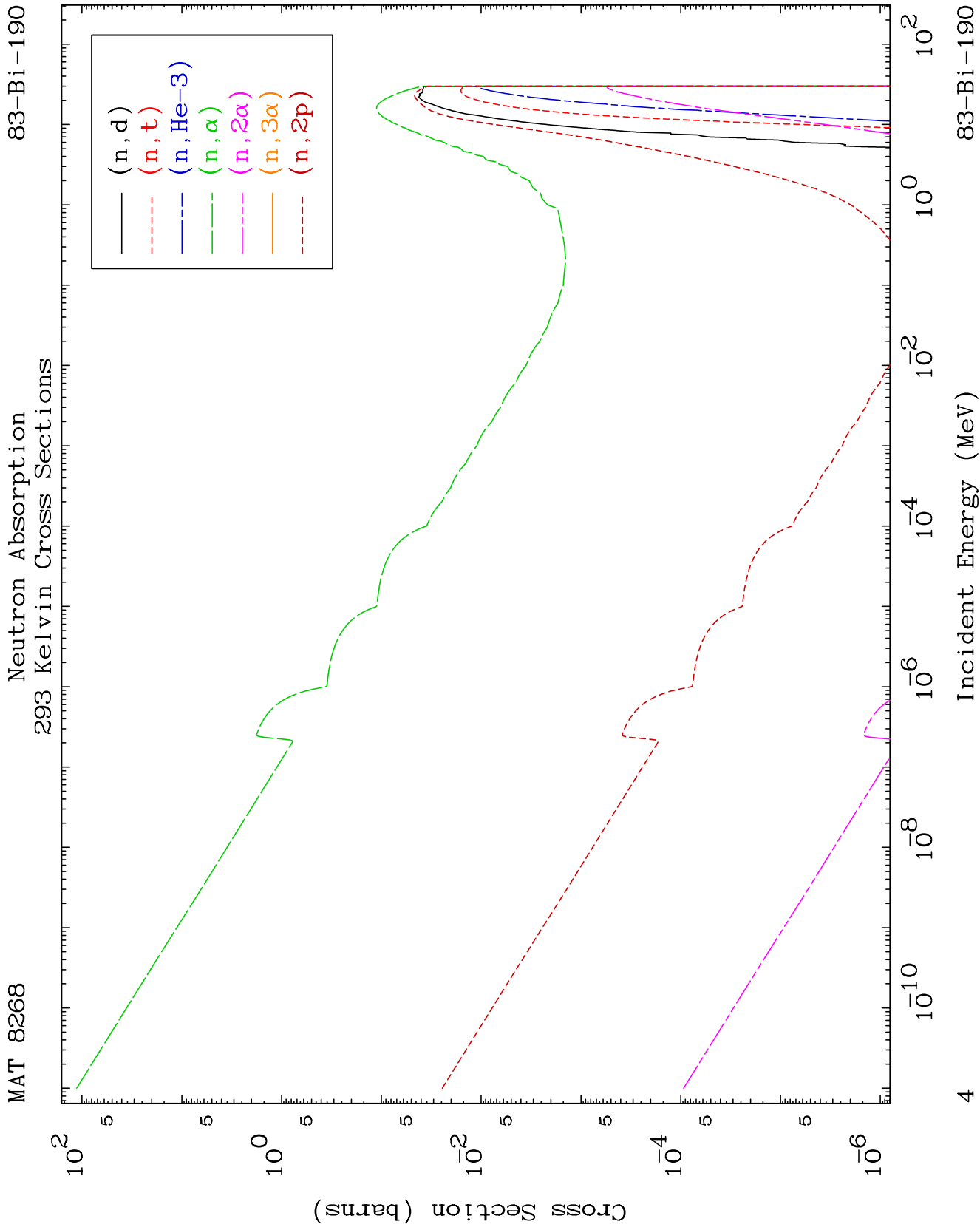
MAT 8268

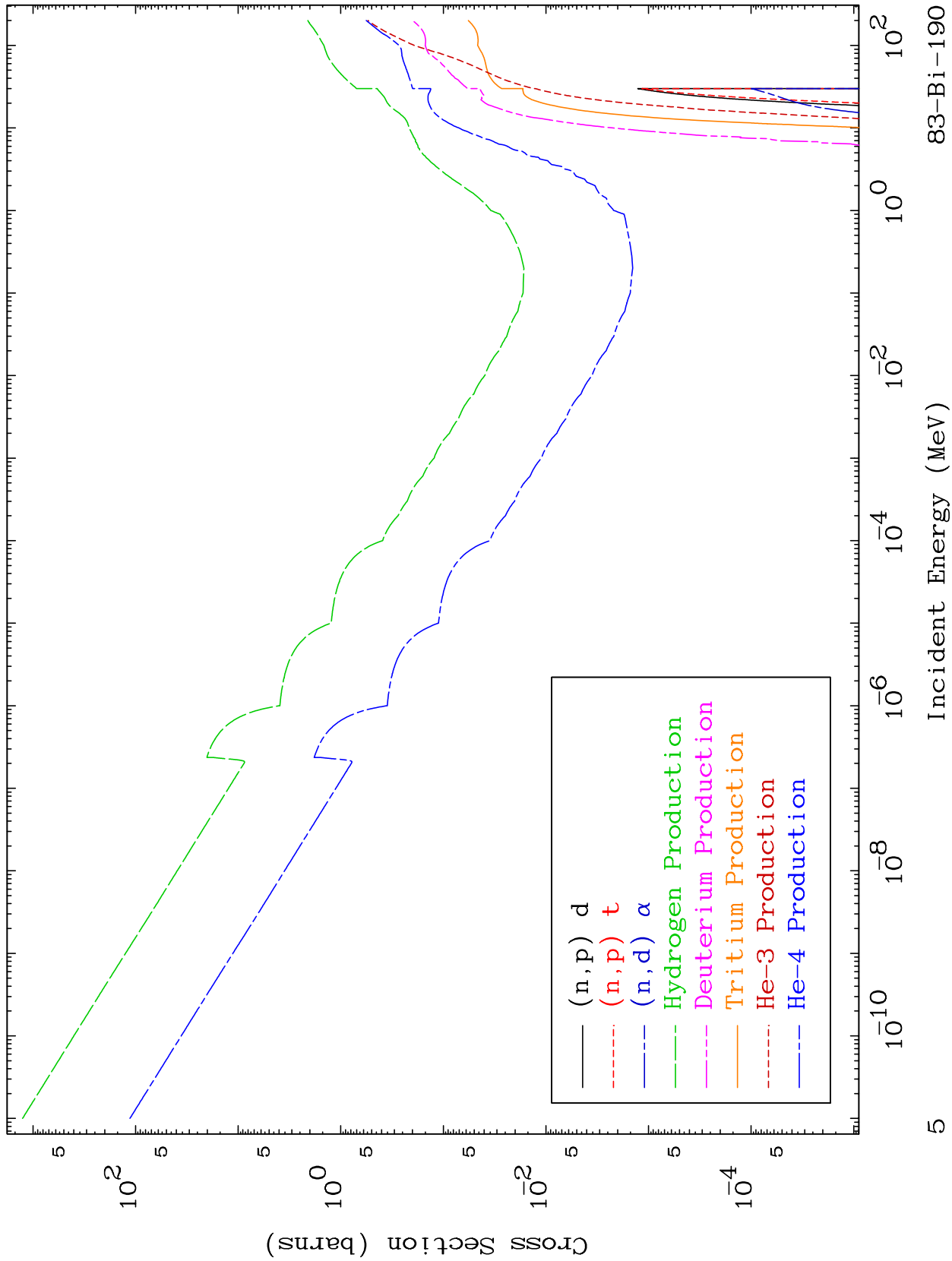
Neutron Absorption
293 Kelvin Cross Sections

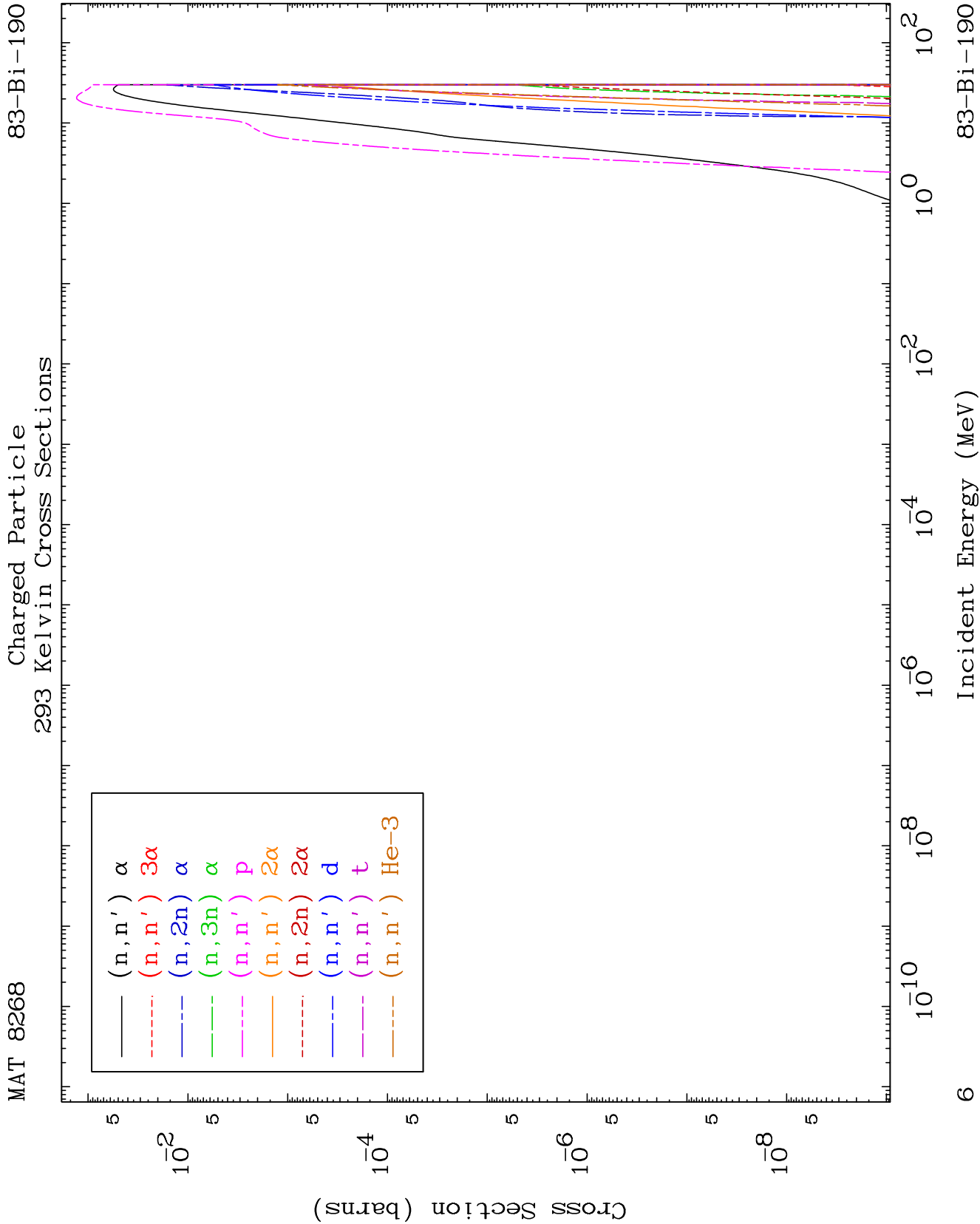
83-Bi-190

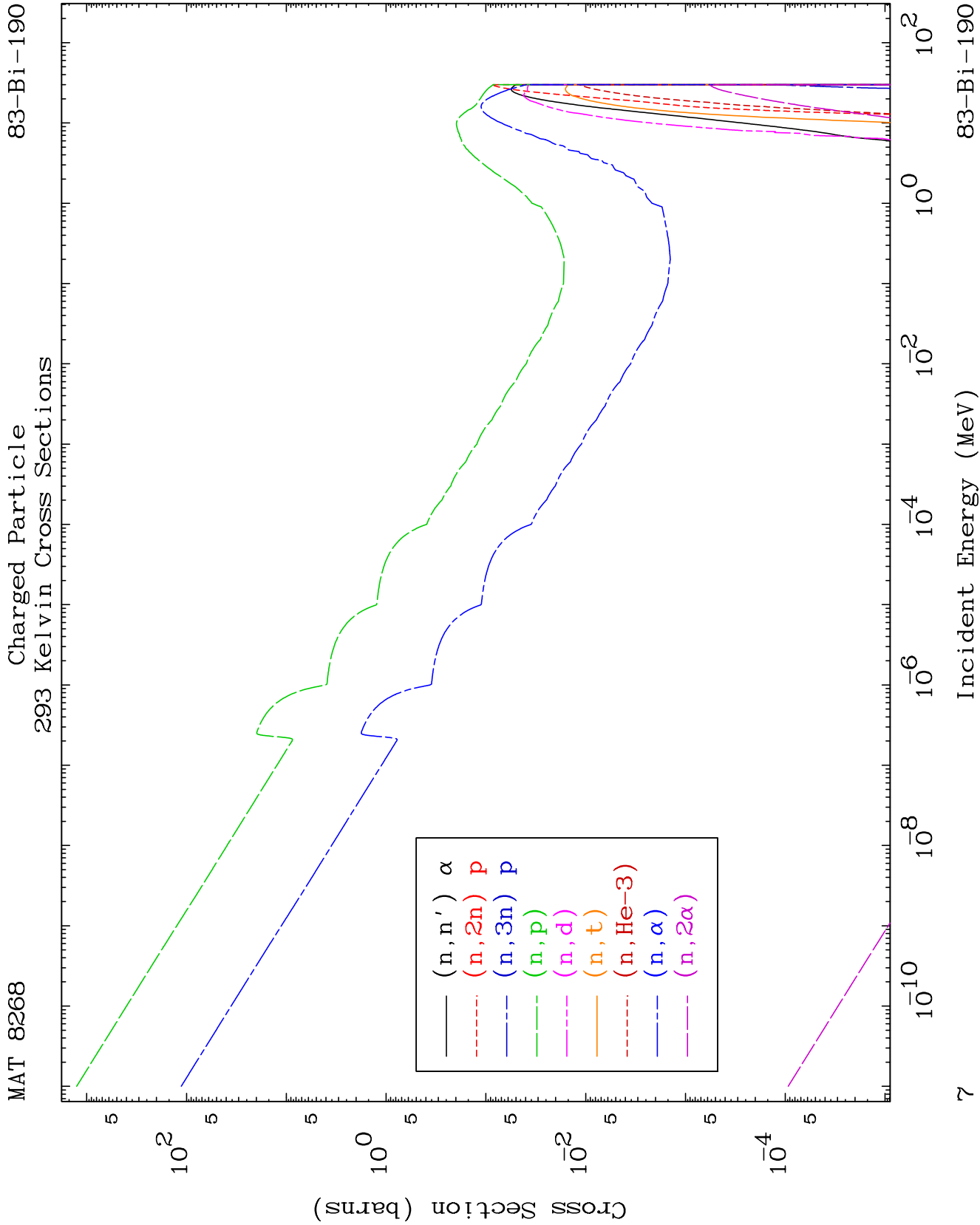


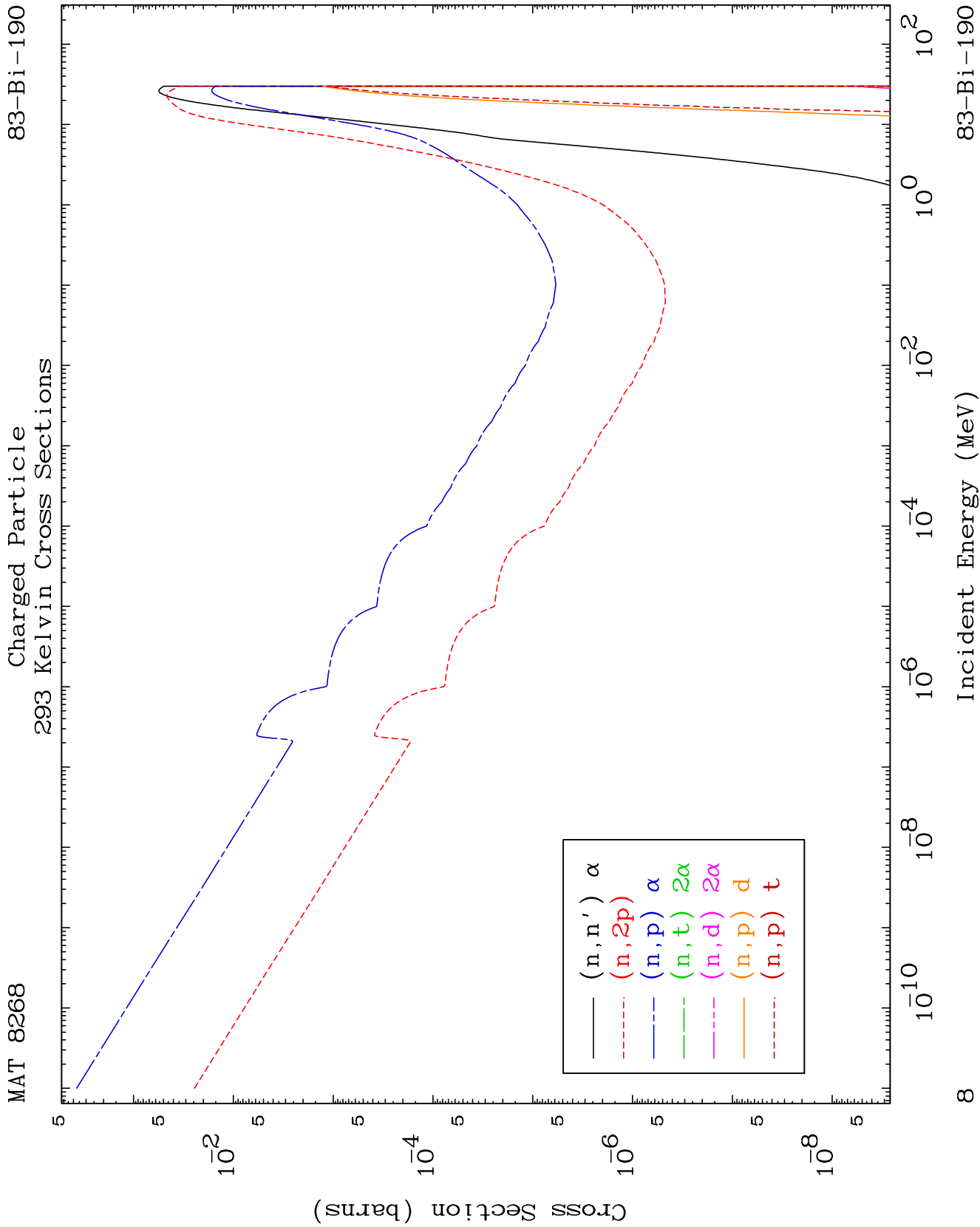


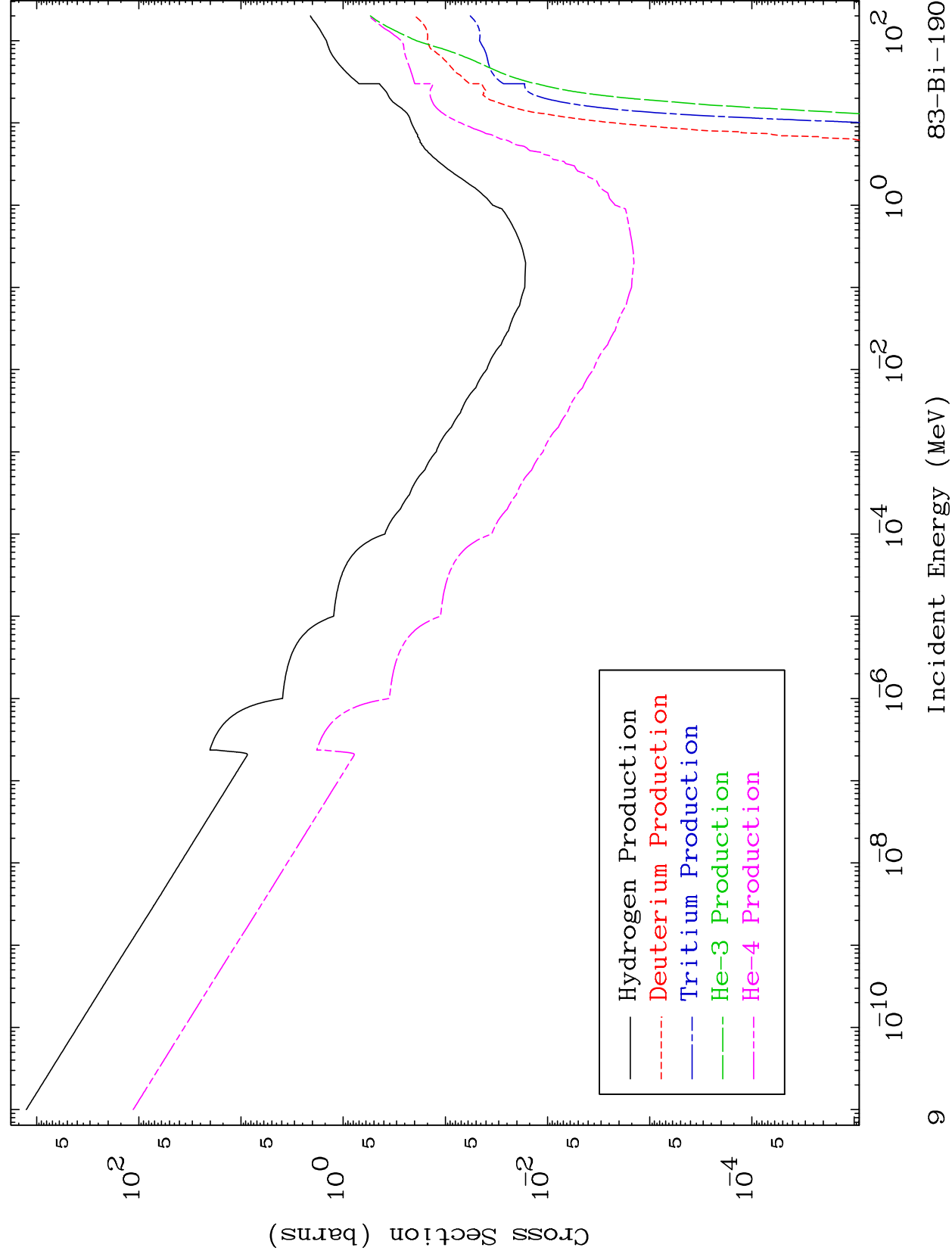








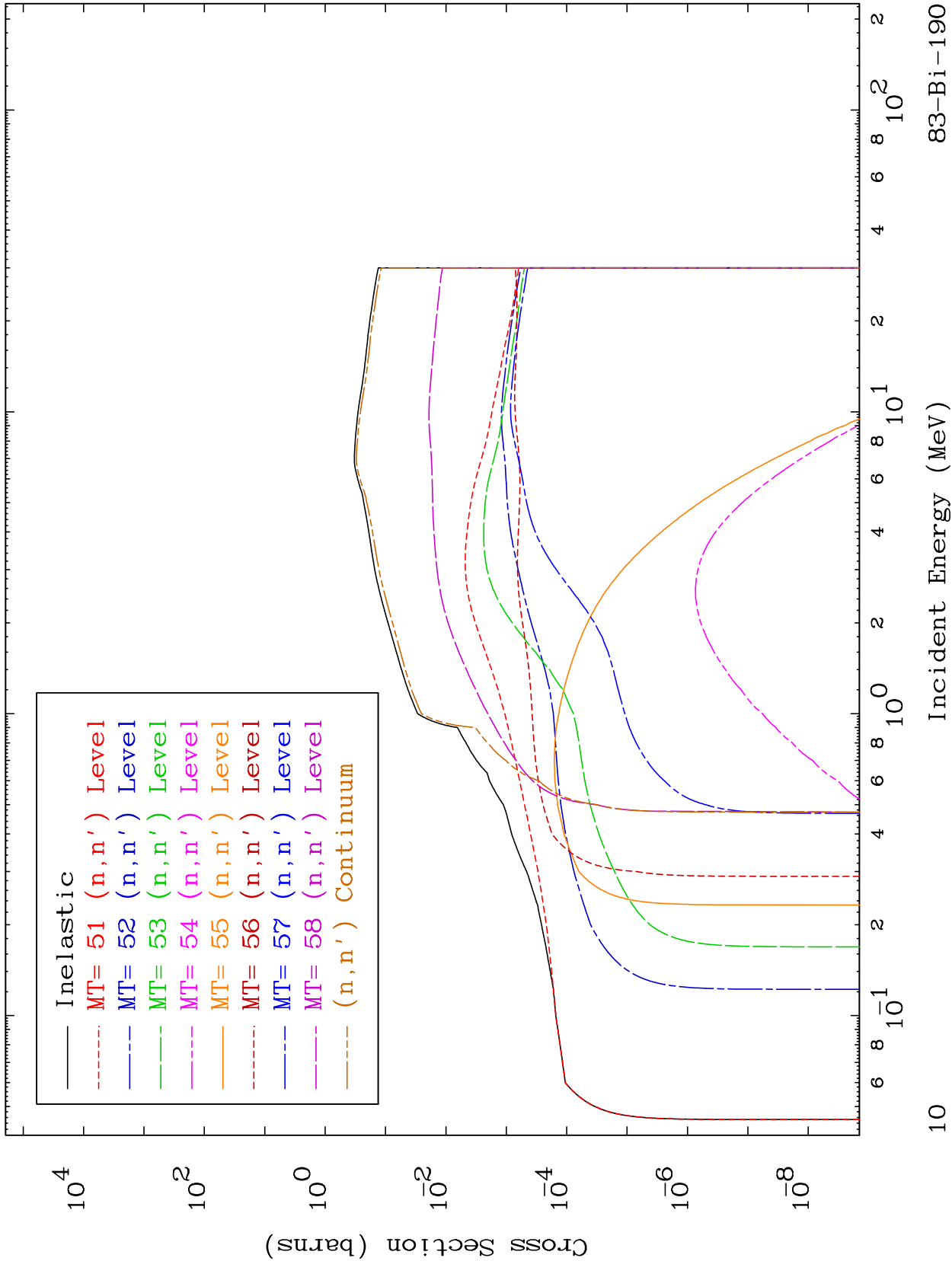




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(n,n') Levels
293 Kelvin Cross Sections

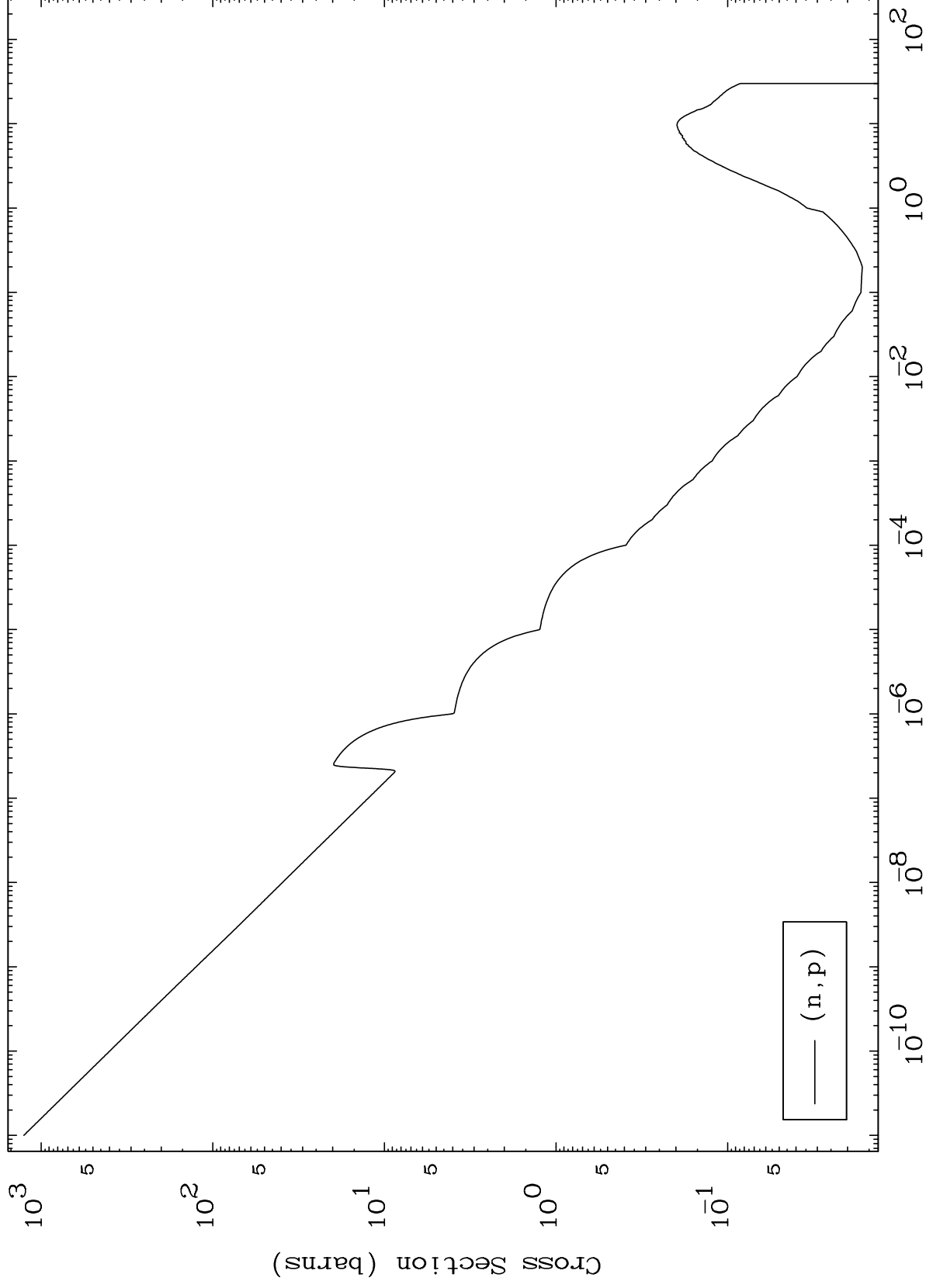
83-Bi-190



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(n,p) Levels
293 Kelvin Cross Sections

83-Bi-190

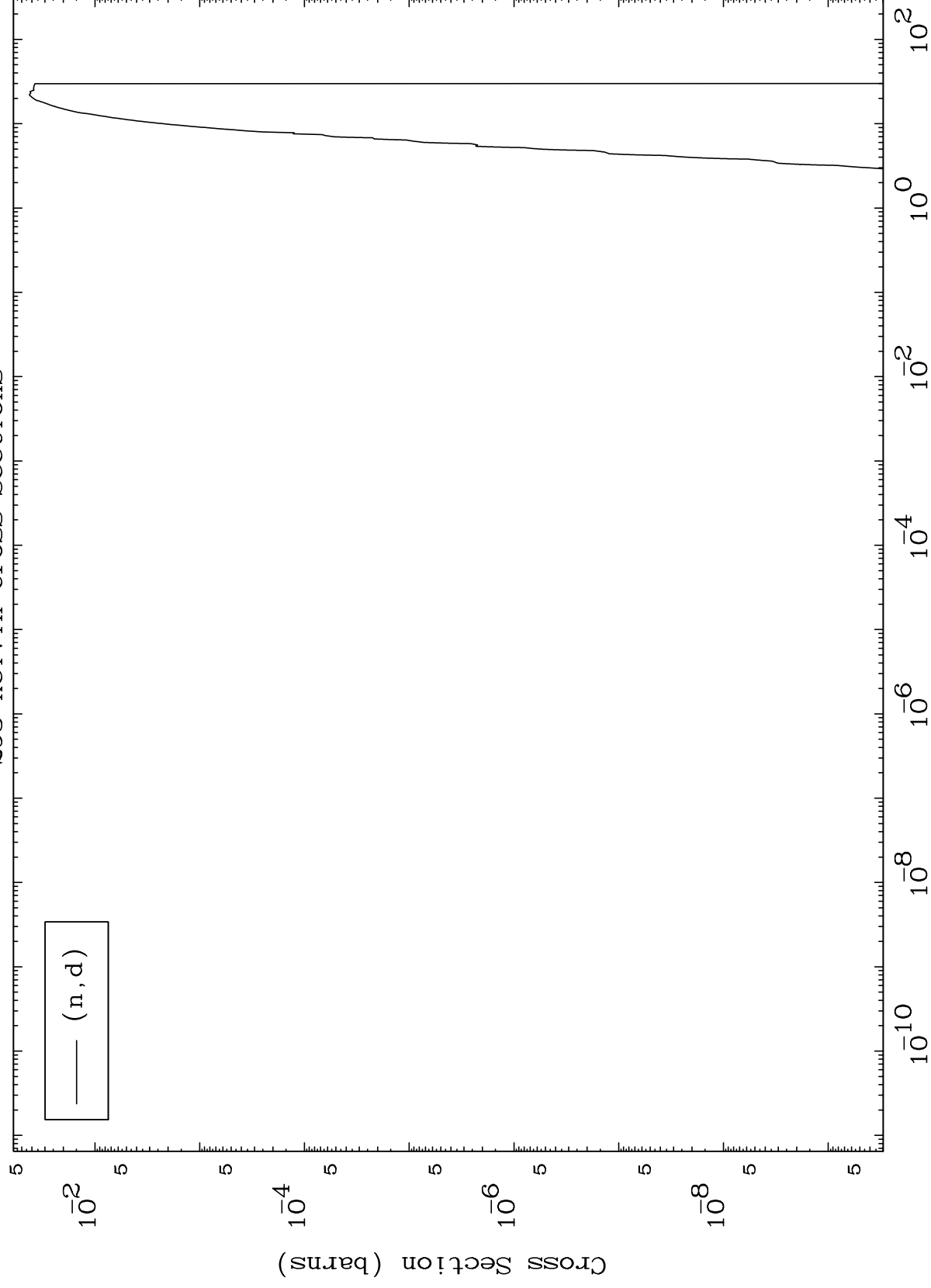


— (n,p)

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(n,d) Levels
293 Kelvin Cross Sections

83-Bi-190



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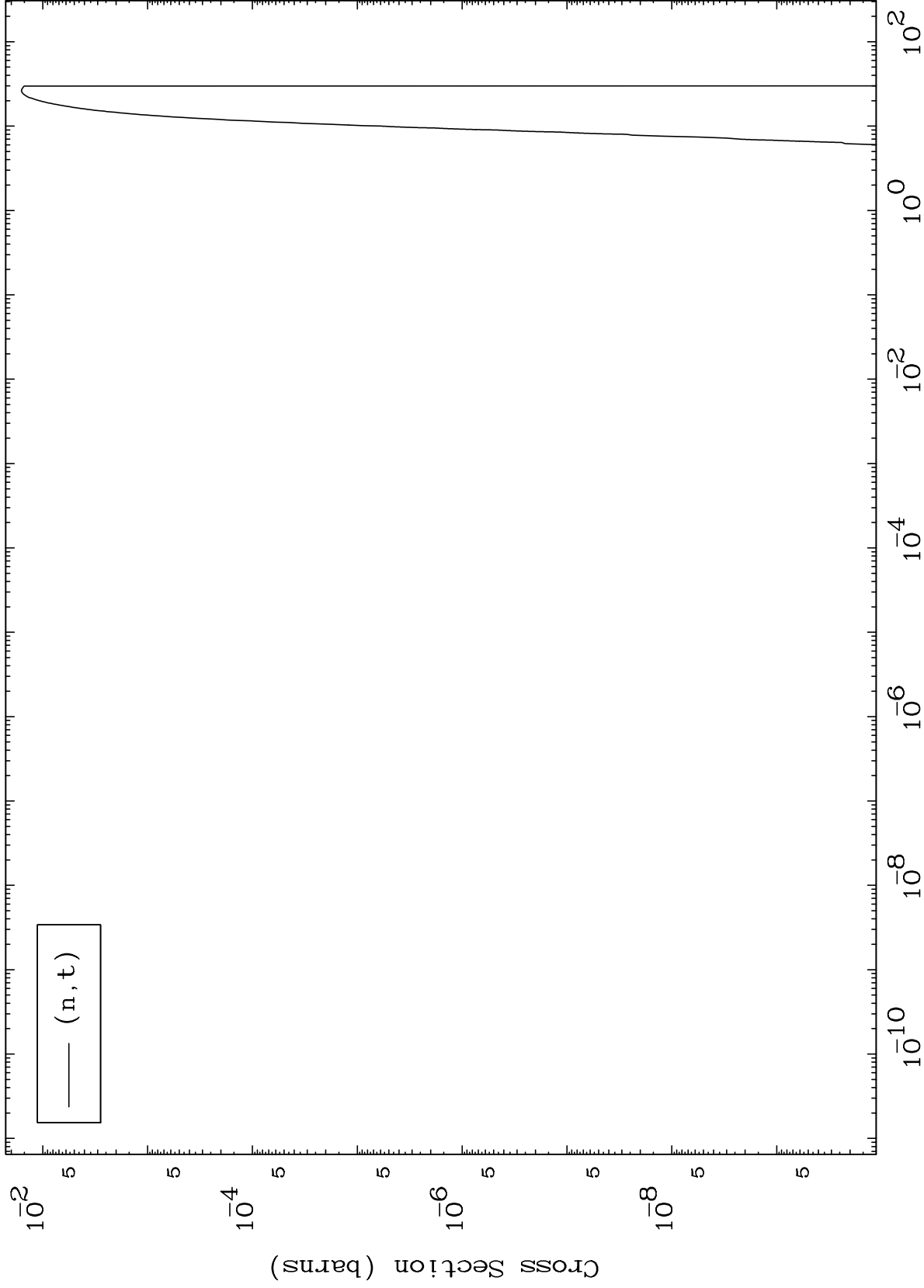
Incident Energy (MeV)

83-Bi-190

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(n,t) Levels
293 Kelvin Cross Sections

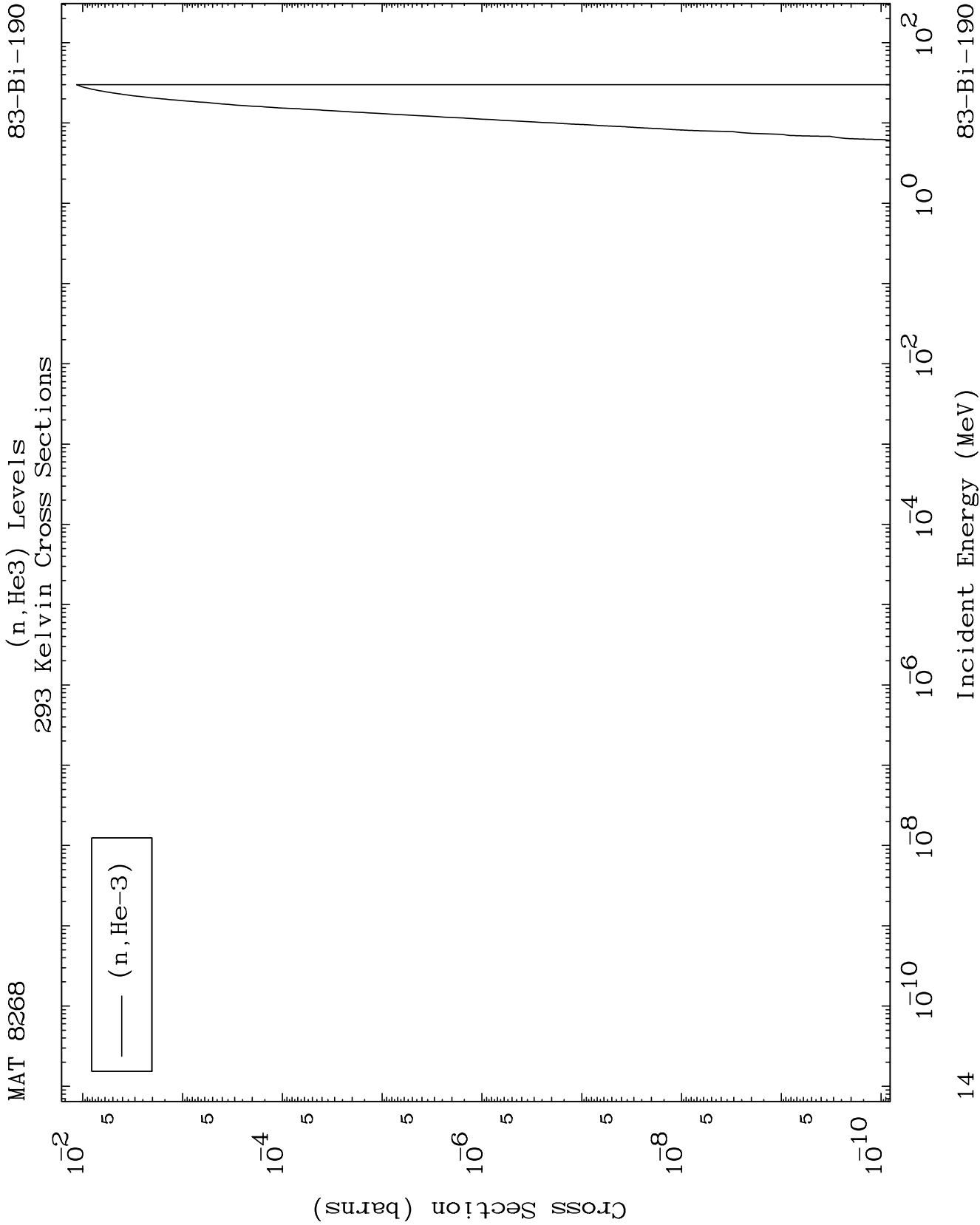
83-Bi-190

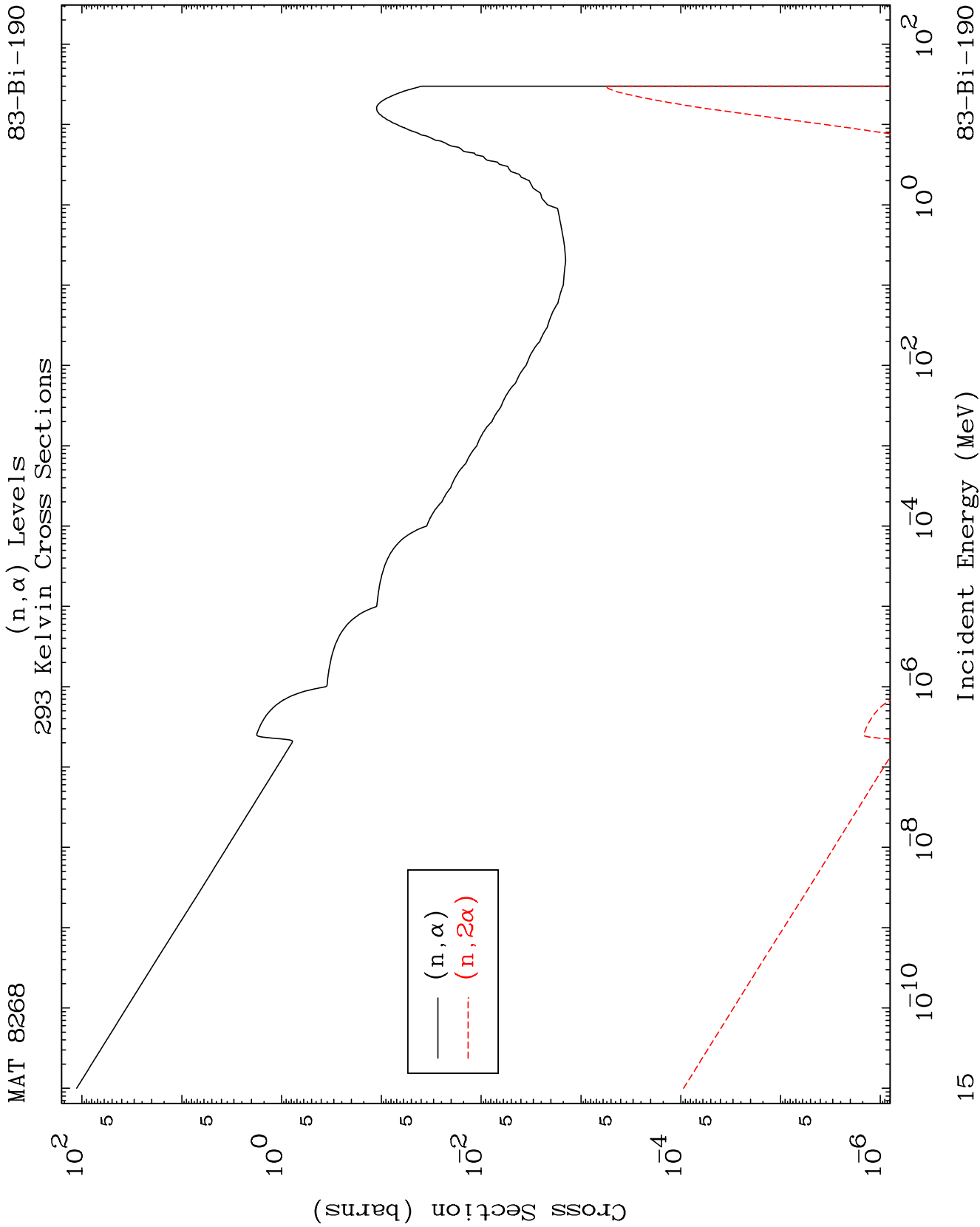


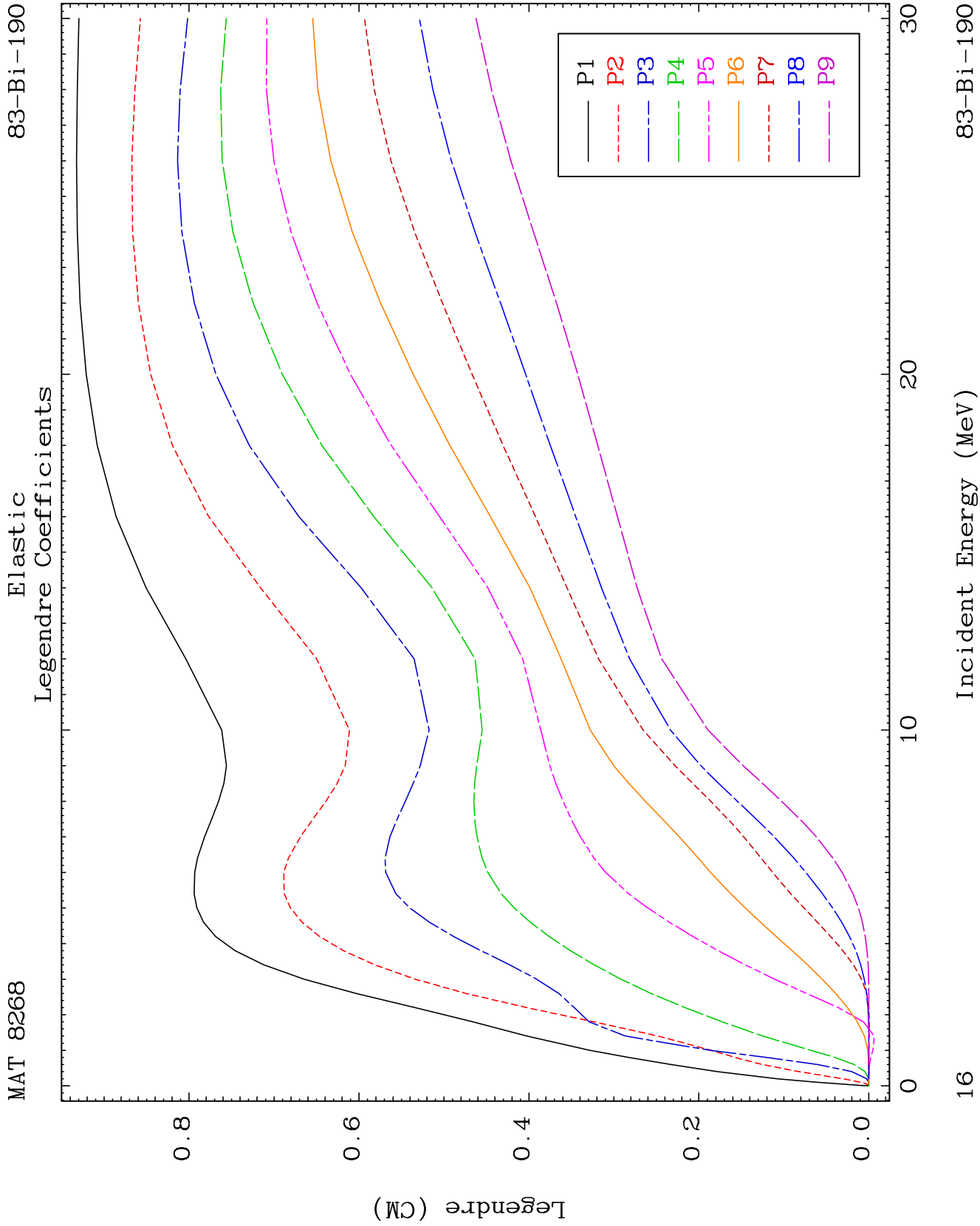
13

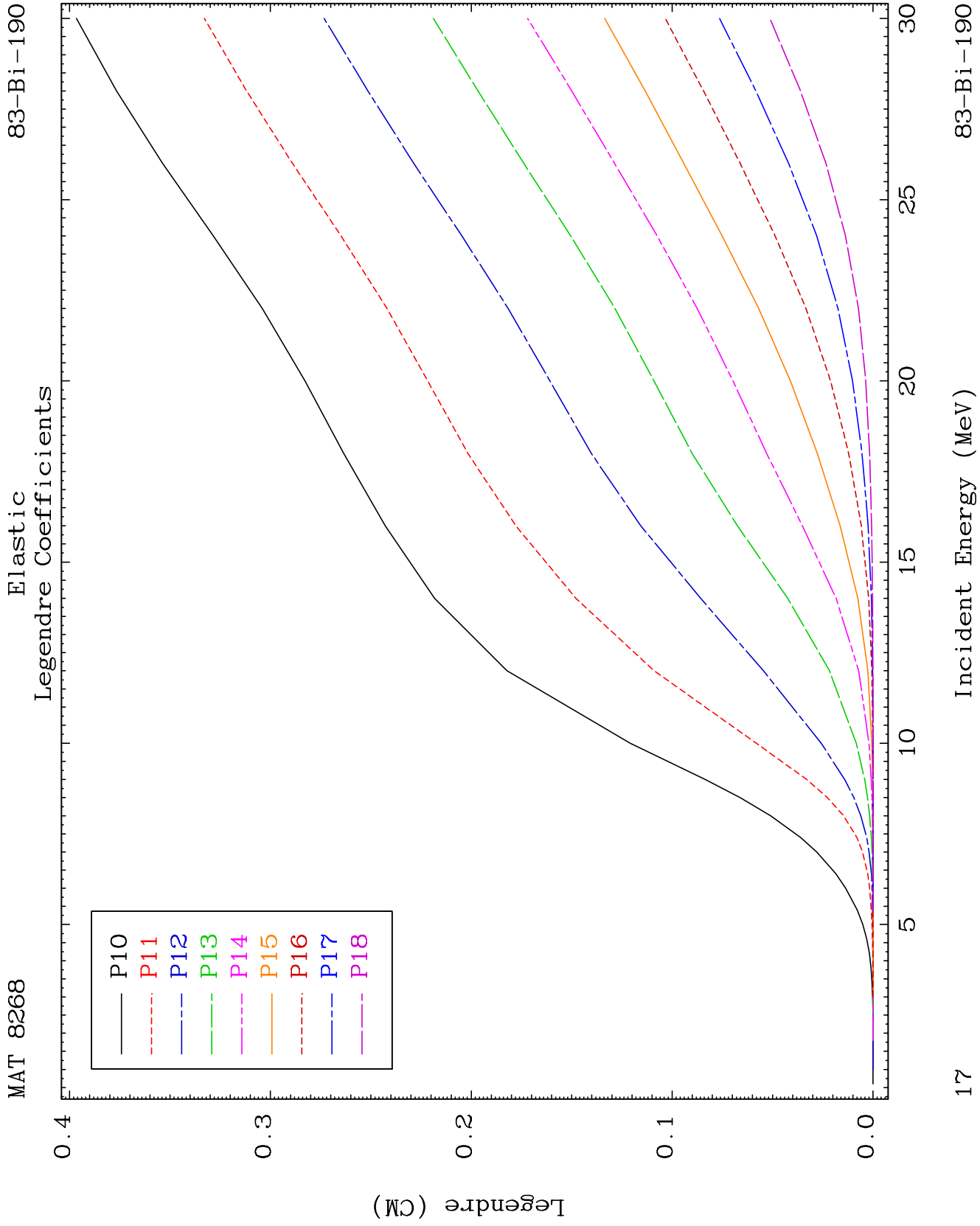
Incident Energy (MeV)

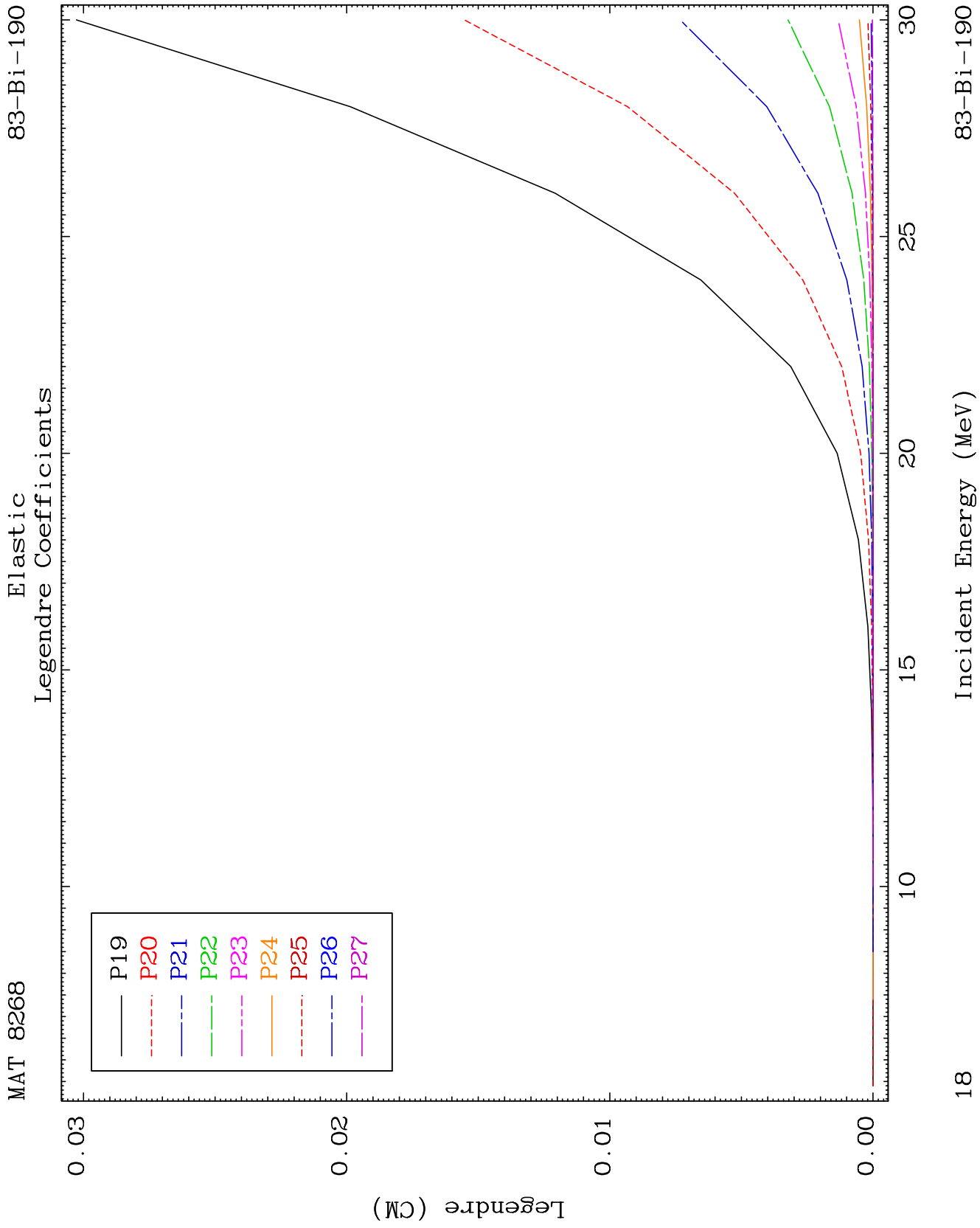
83-Bi-190







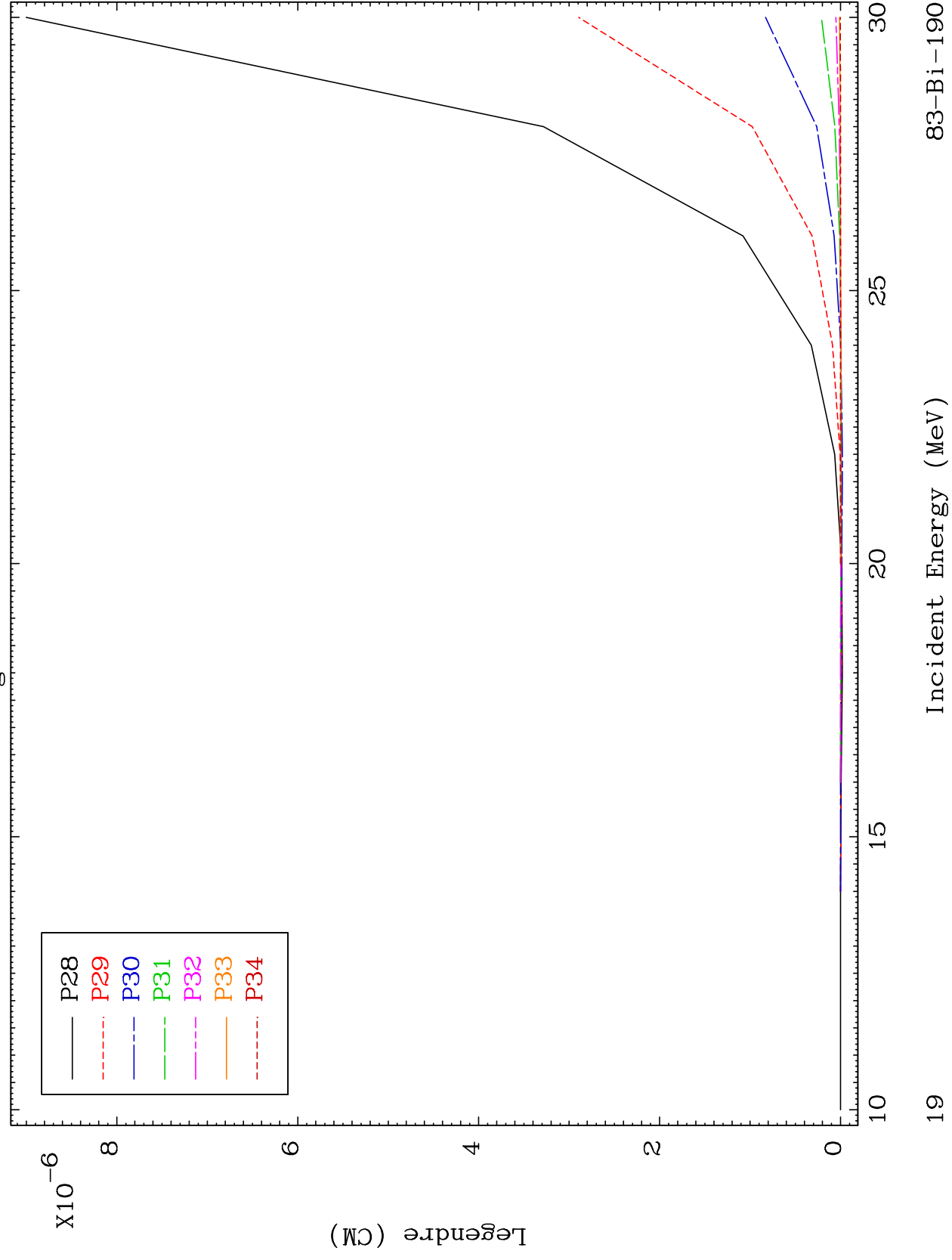




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Elastic Legendre Coefficients

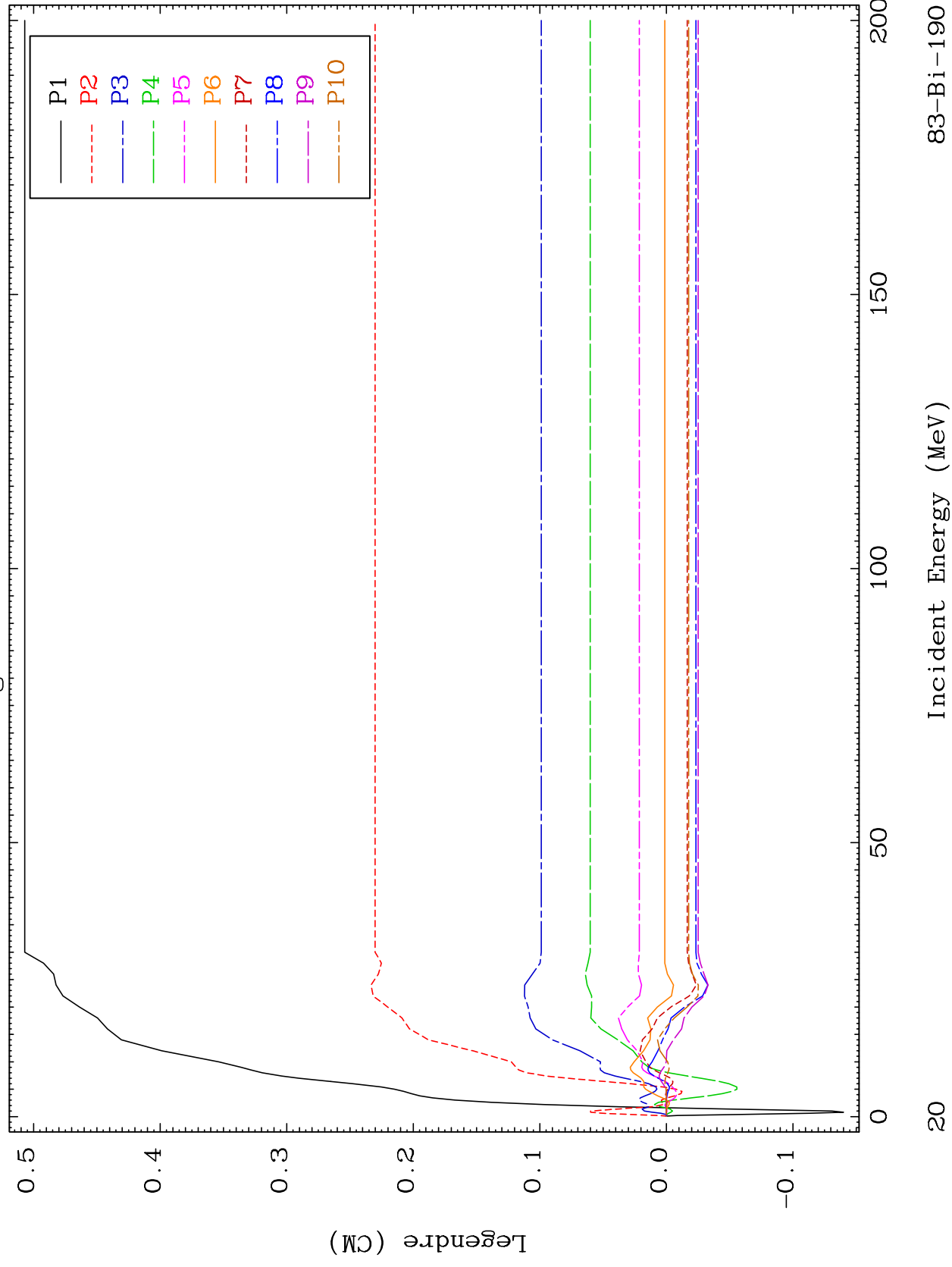
83-Bi-190

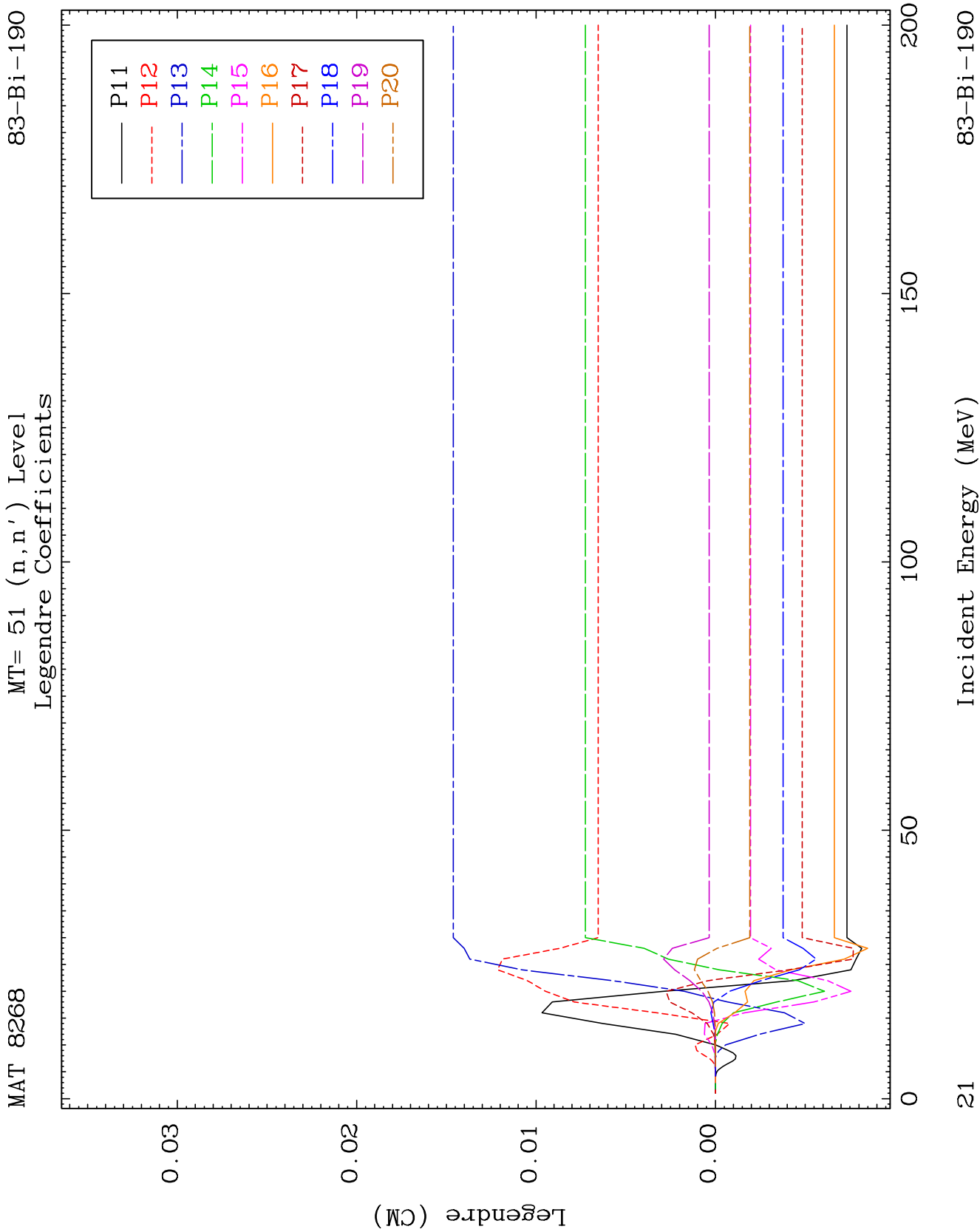


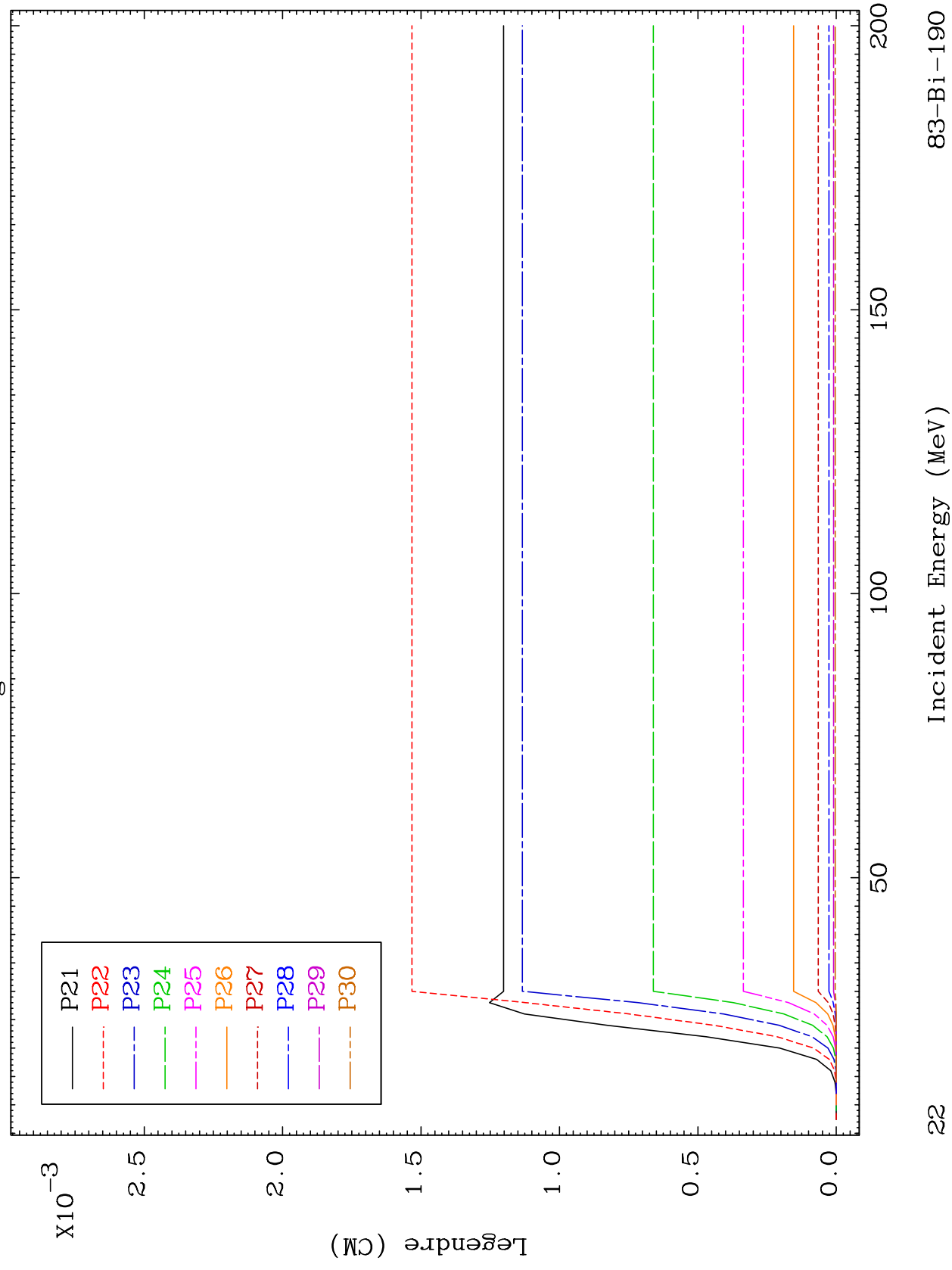
MAT 8268

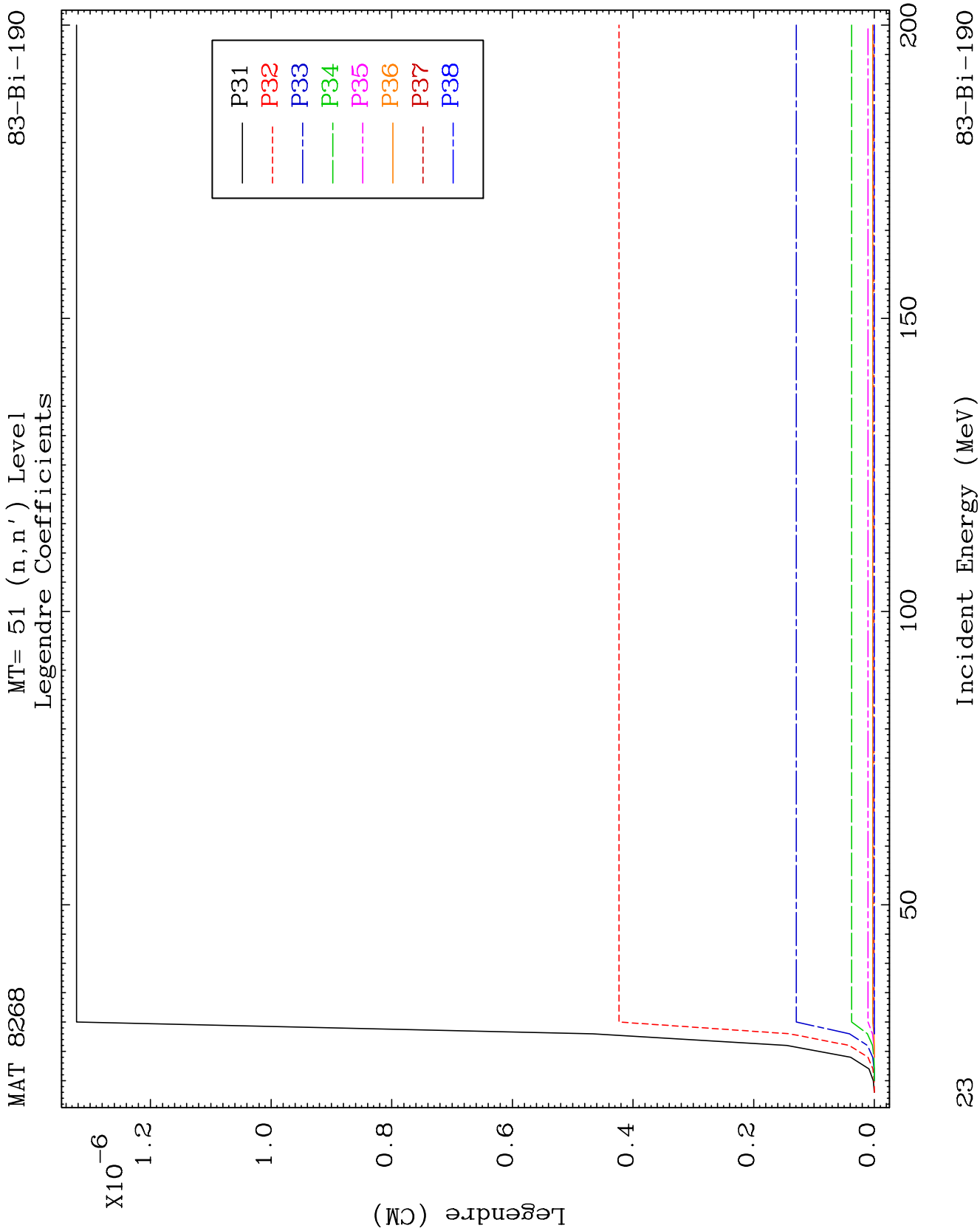
MT= 51 (n, n') Level
Legendre Coefficients

83-Bi-190





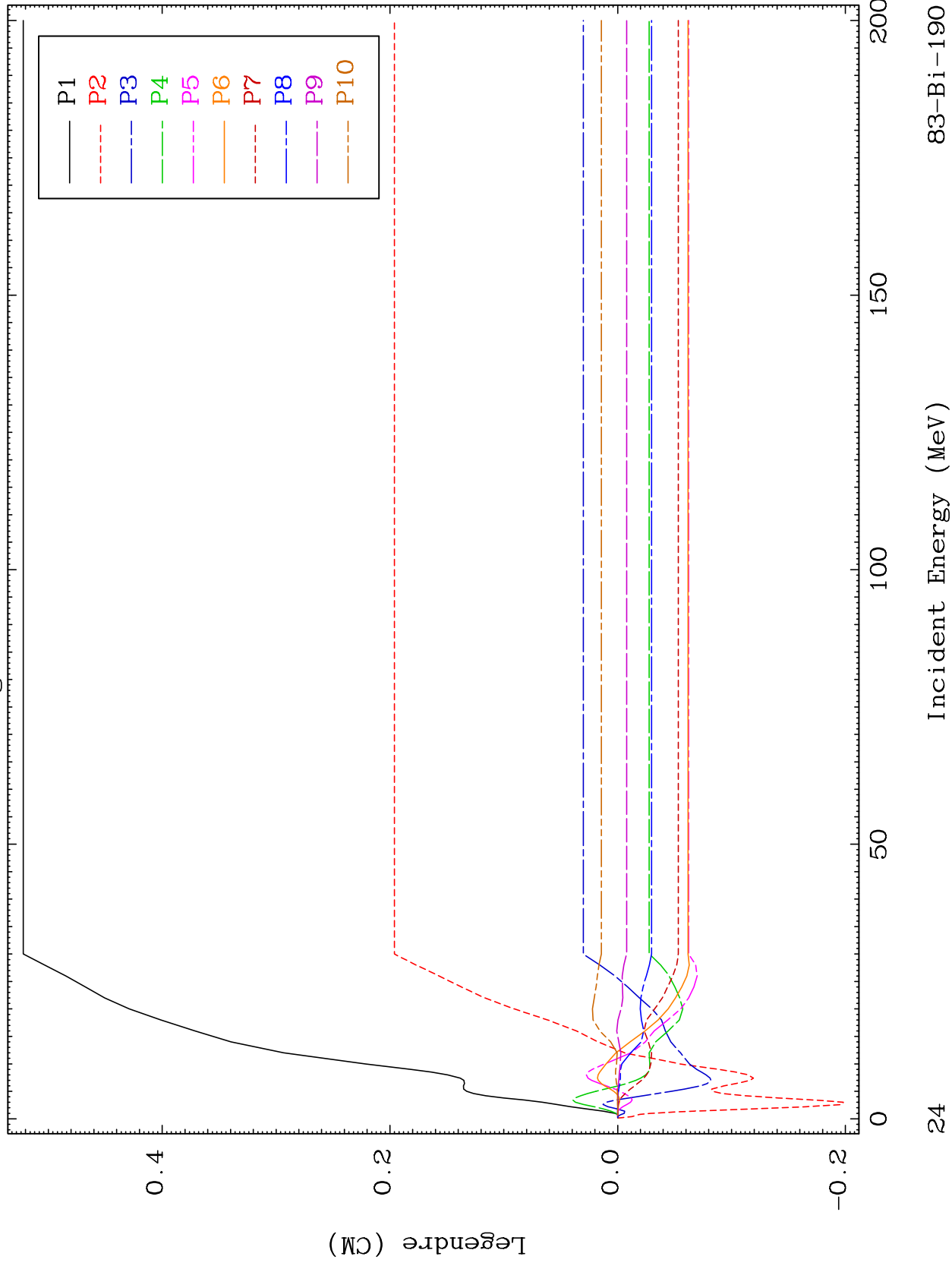


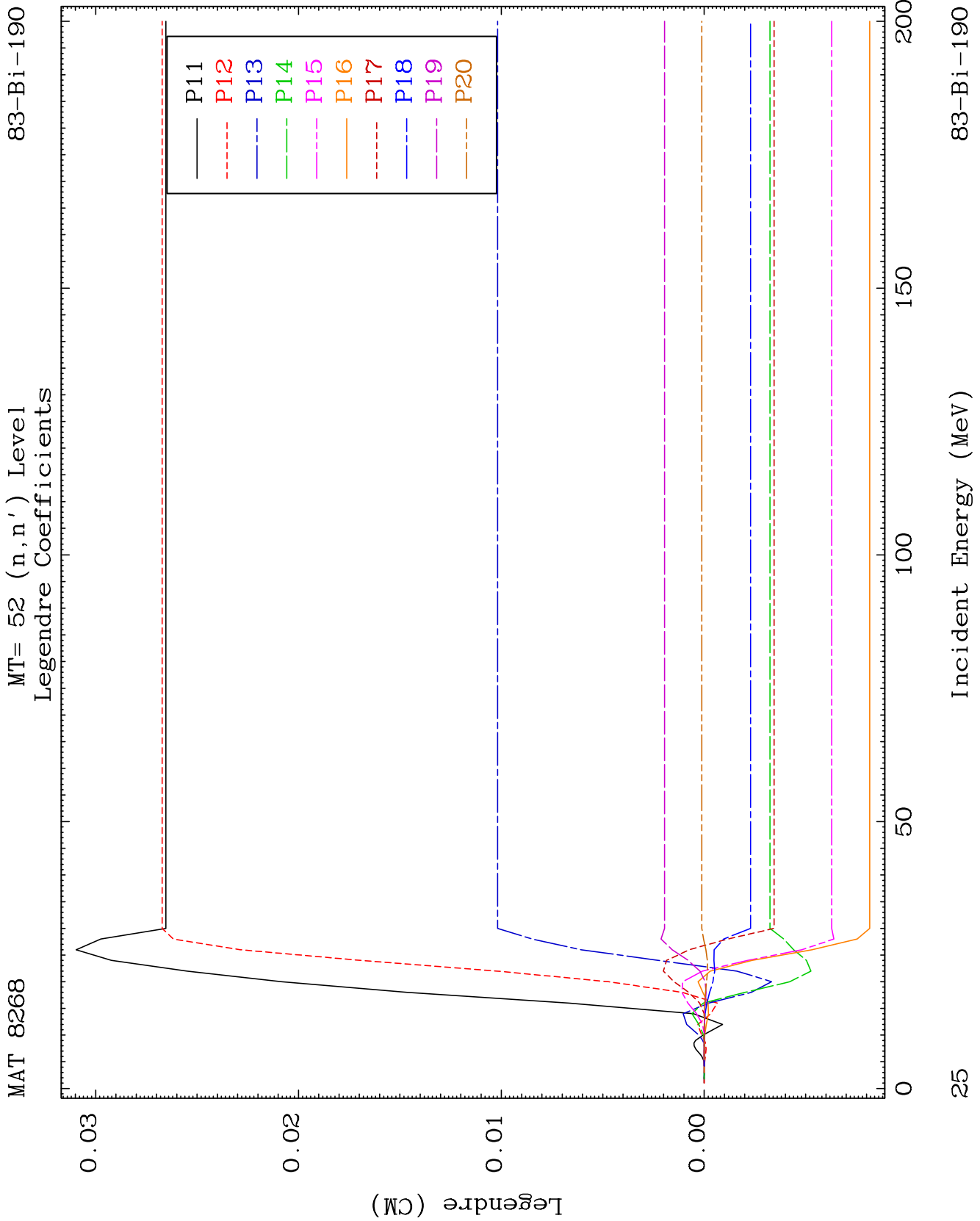


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MT= 52 (n, n') Level
Legendre Coefficients

83-Bi-190

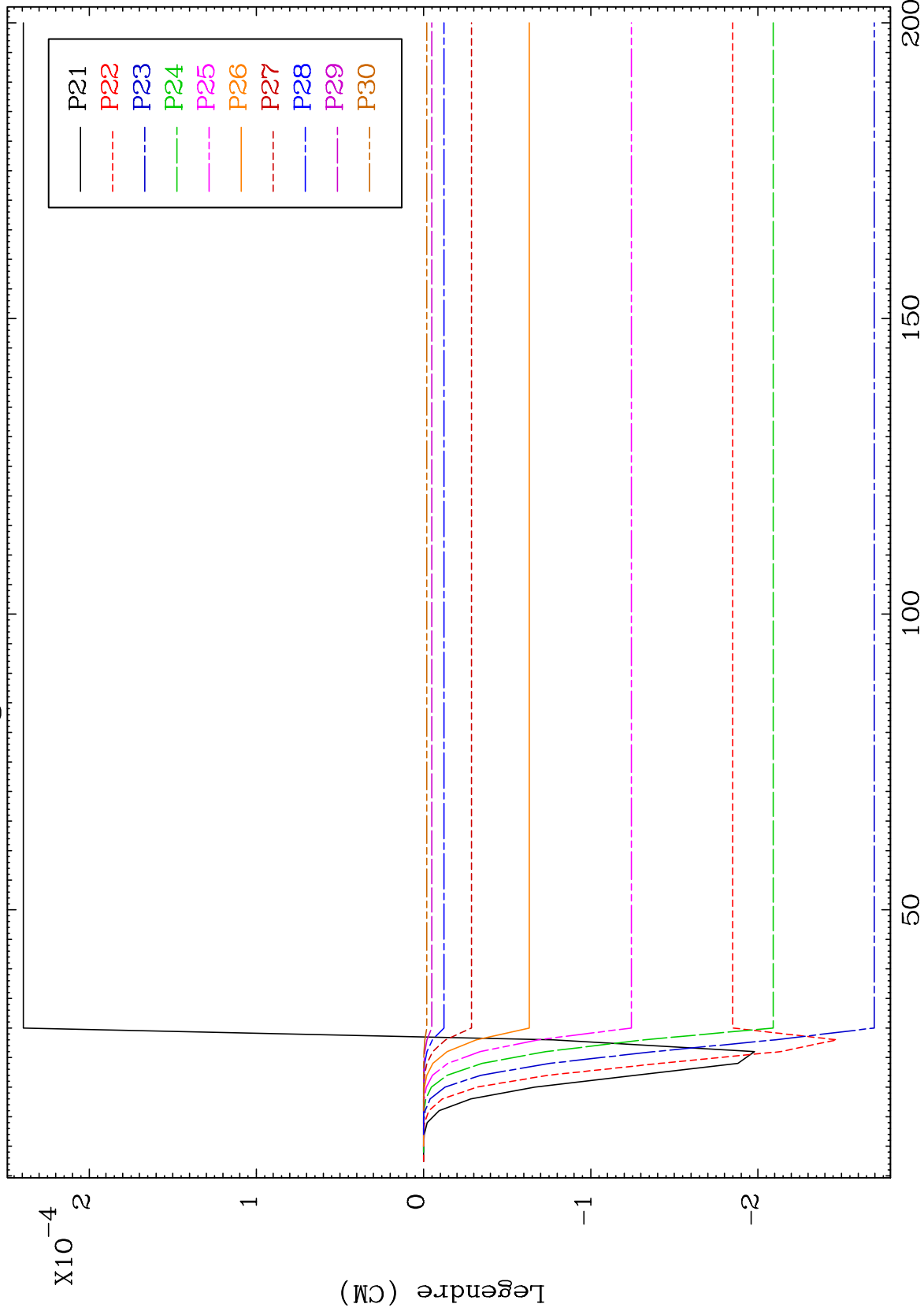




MAT 8268

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

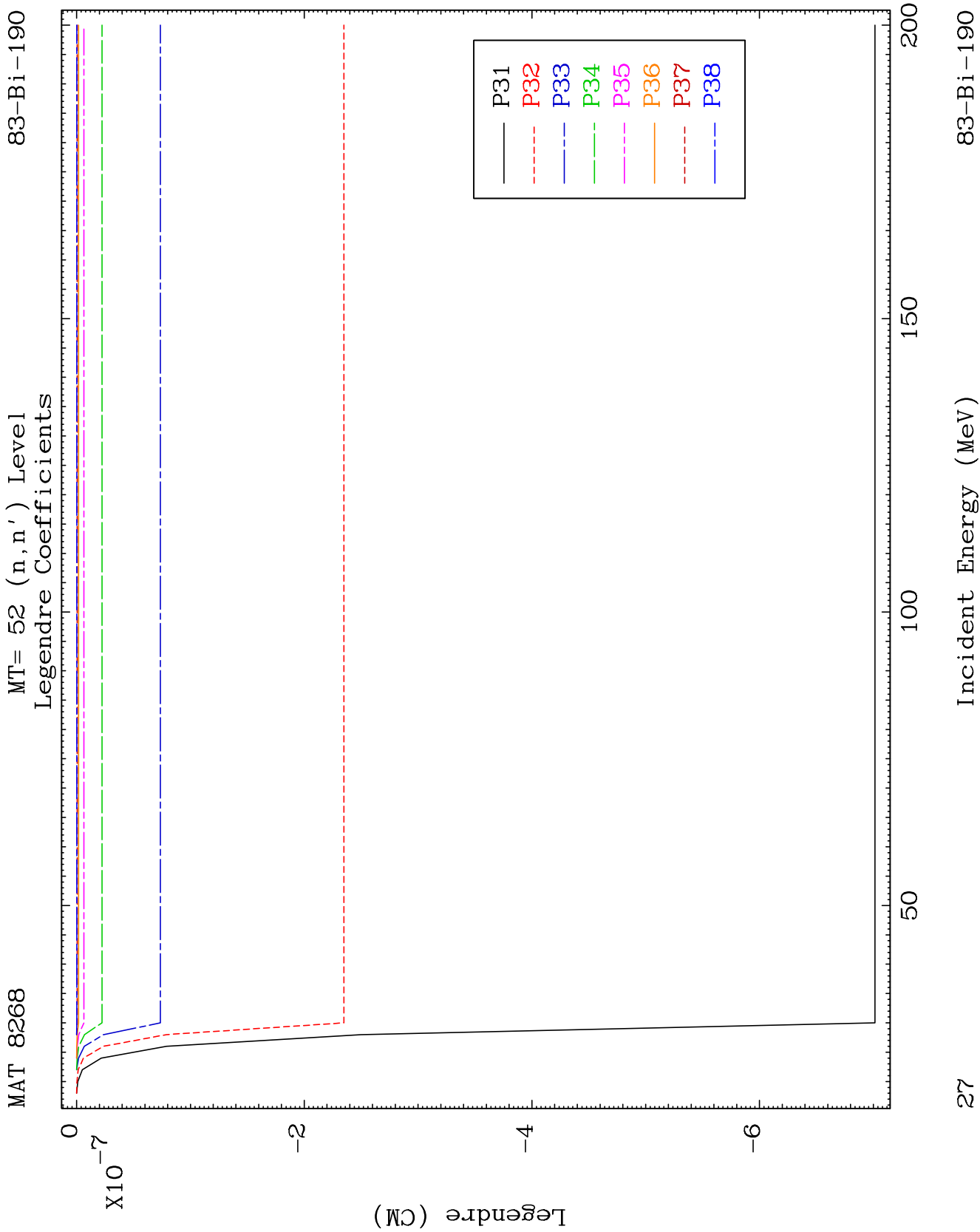
83-Bi-190

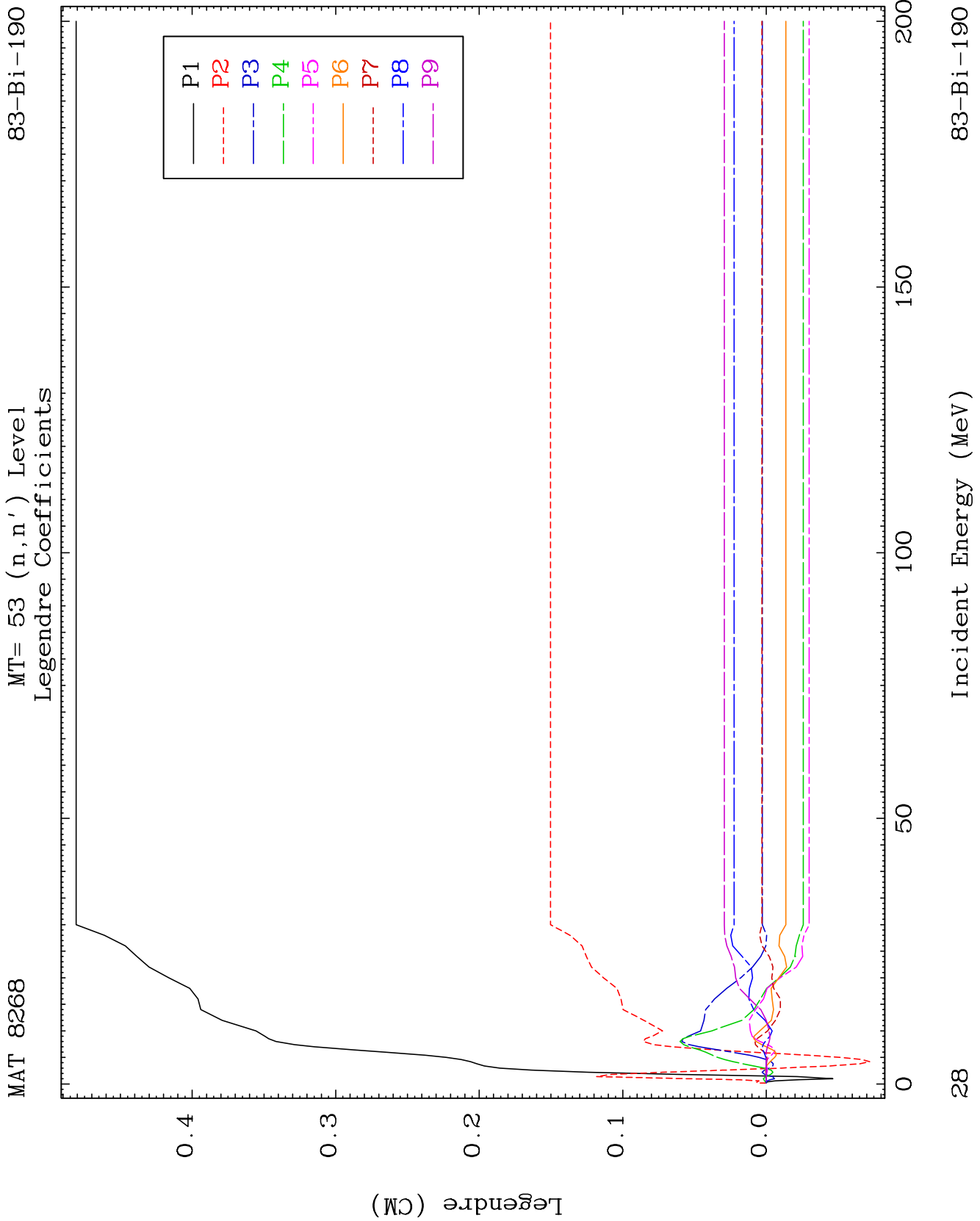


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Incident Energy (MeV)

83-Bi-190

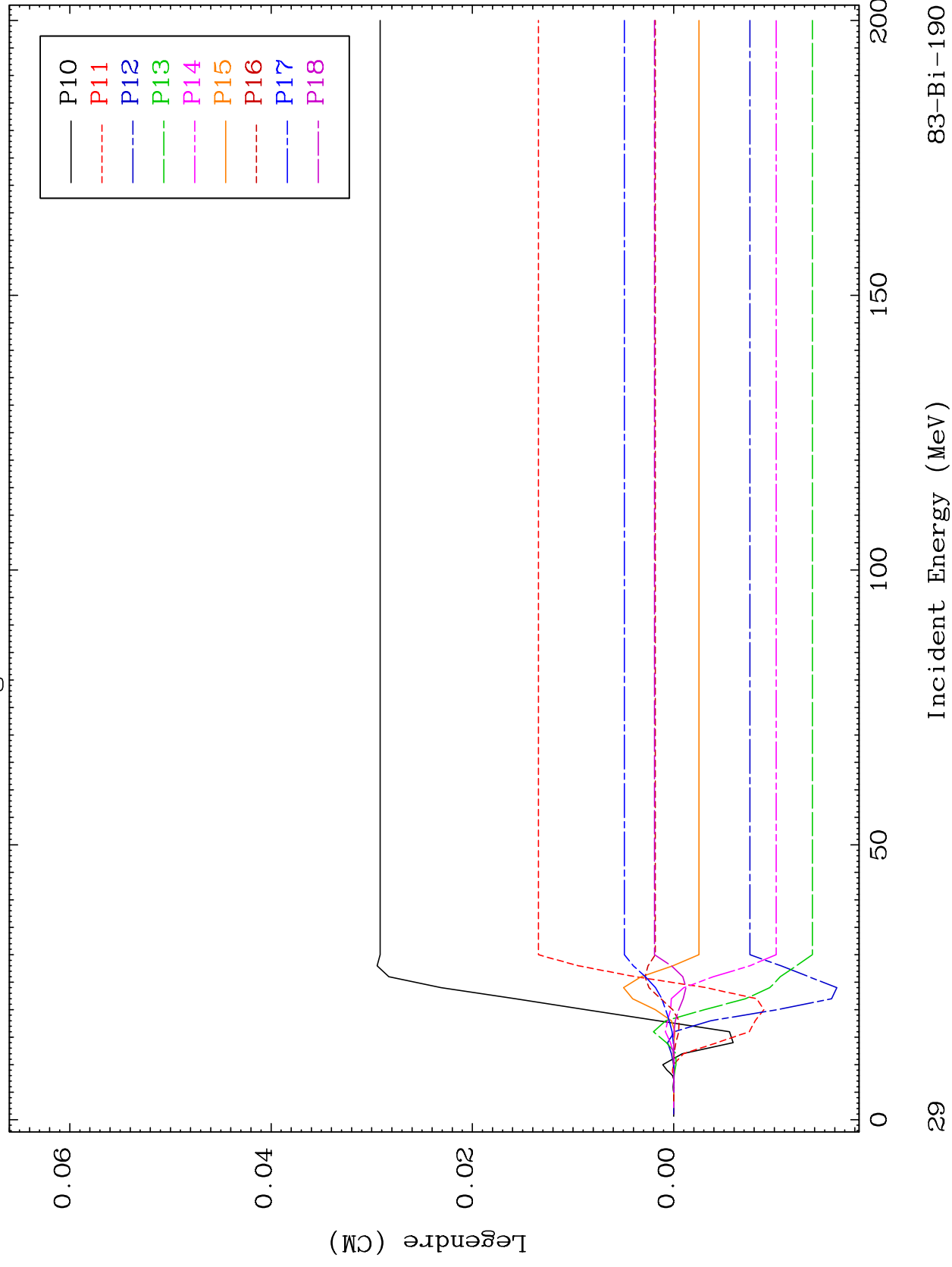




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MT= 53 (n, n') Level
Legendre Coefficients

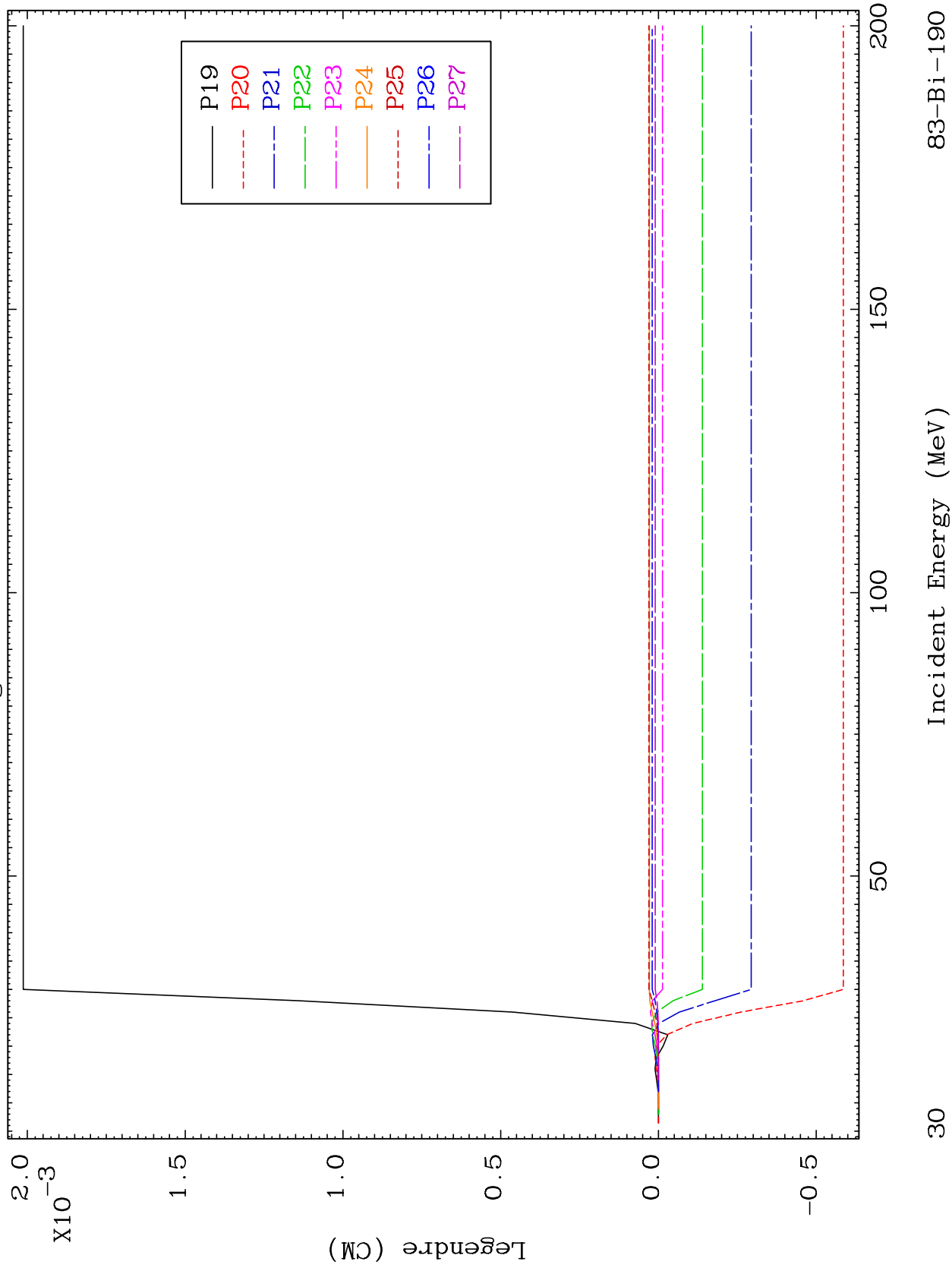
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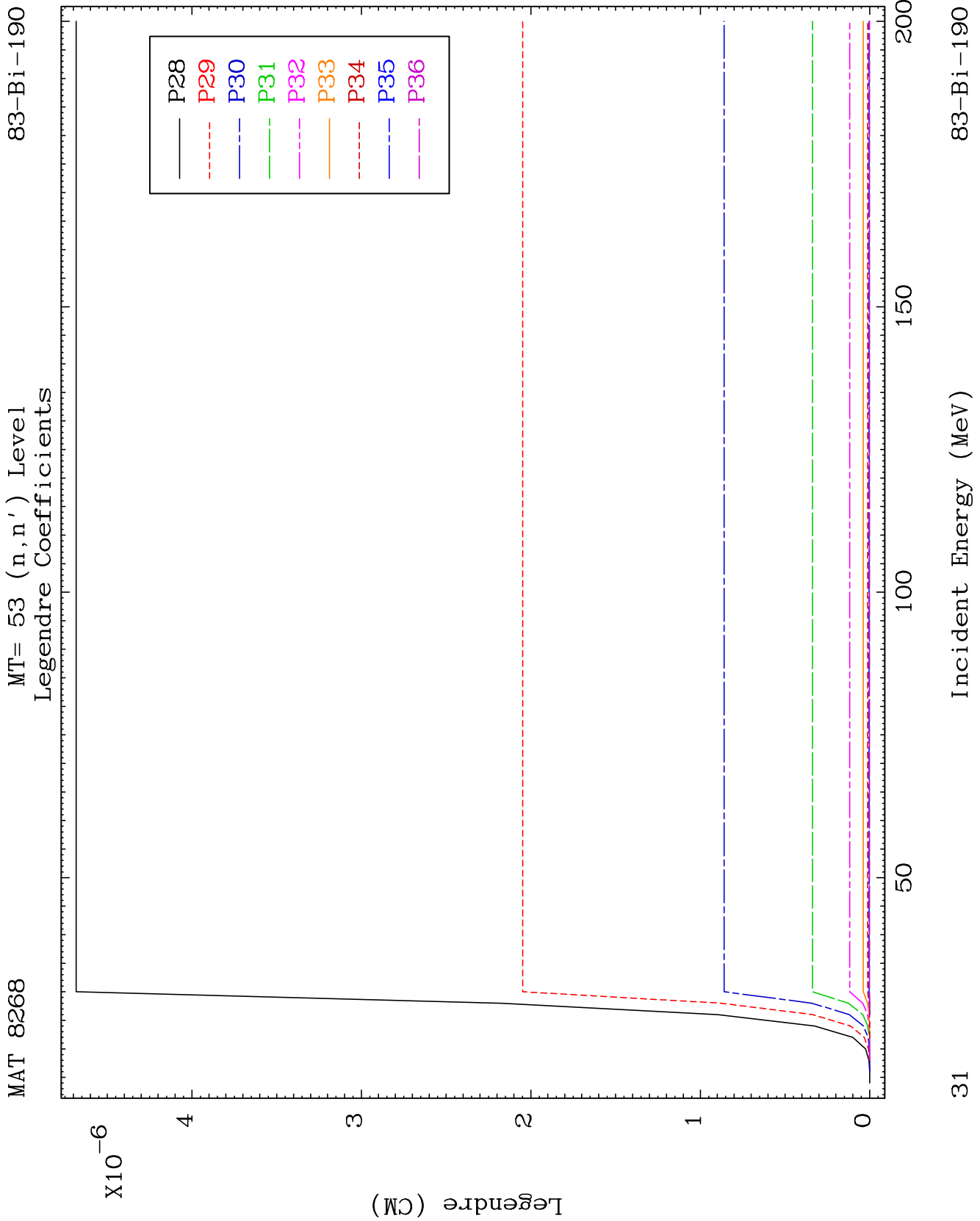


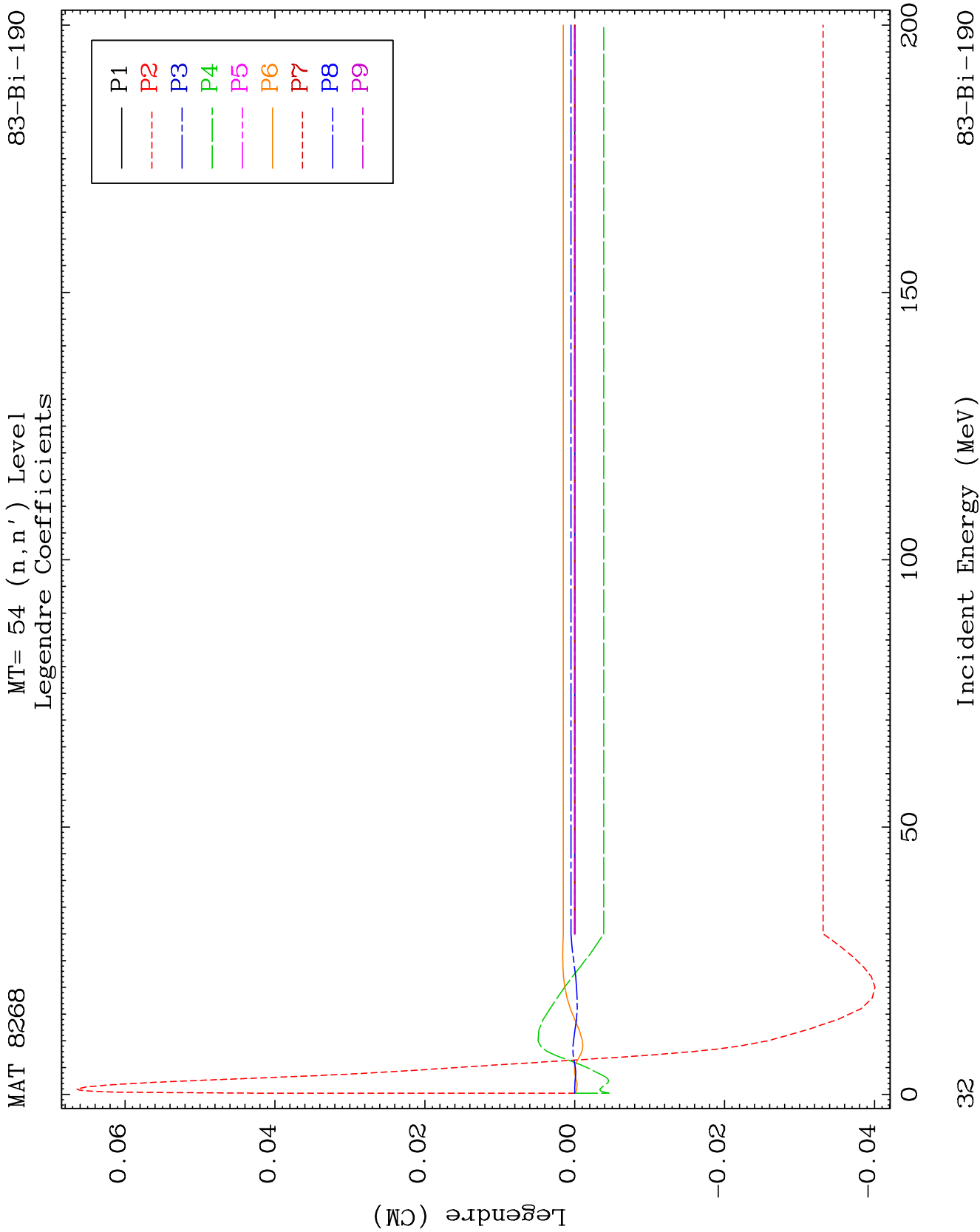
MAT 8268

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

83-Bi-190



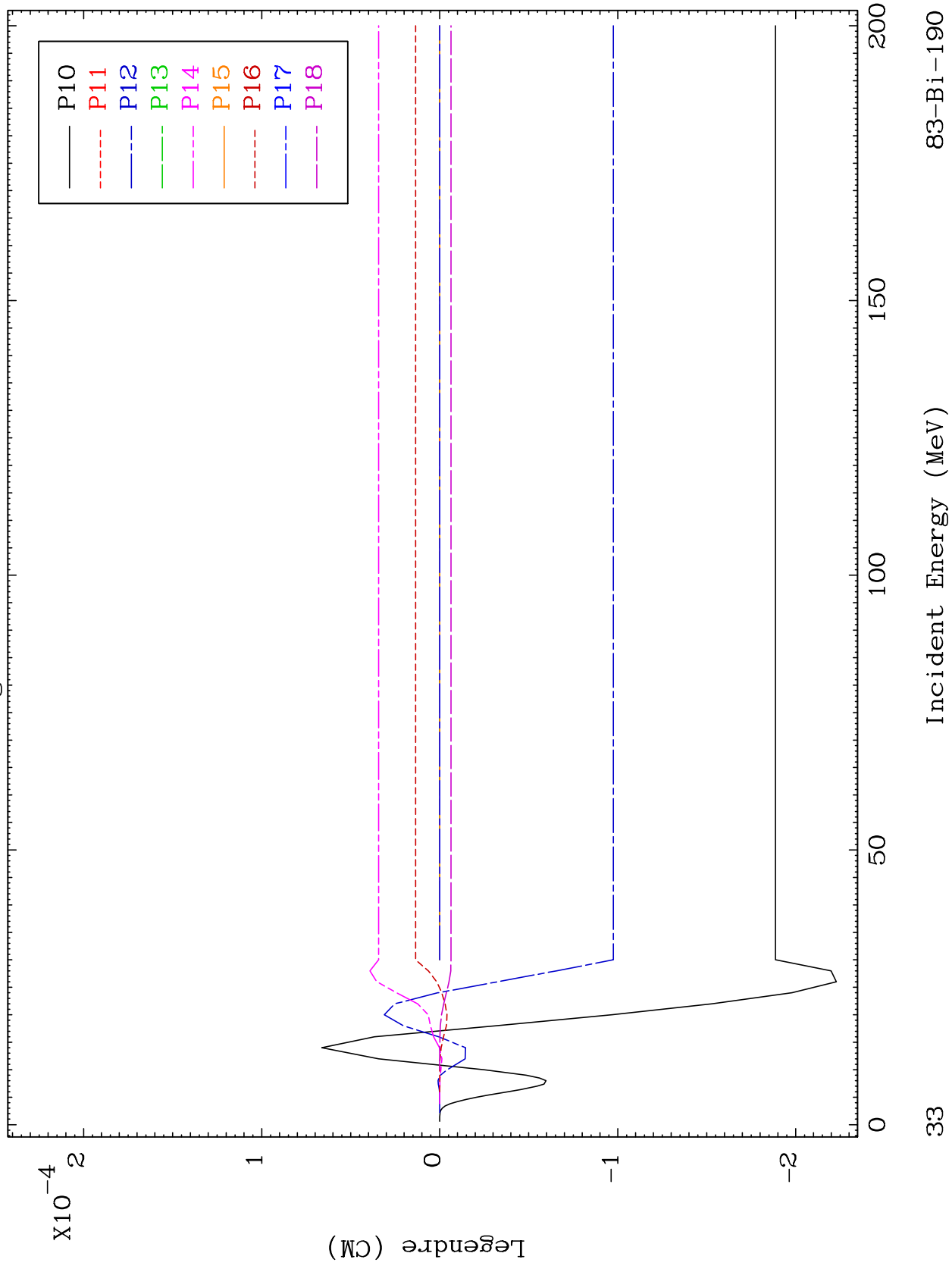


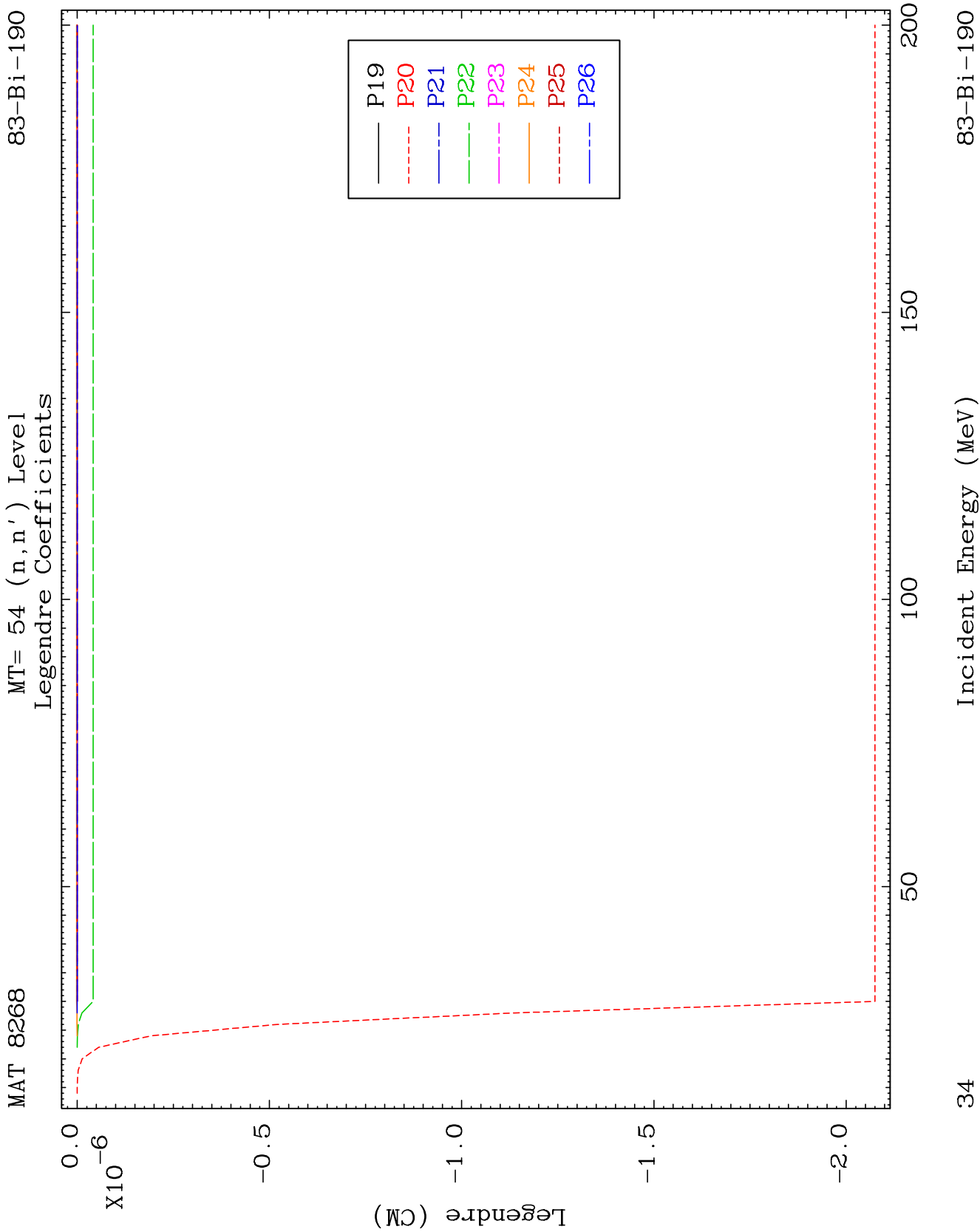


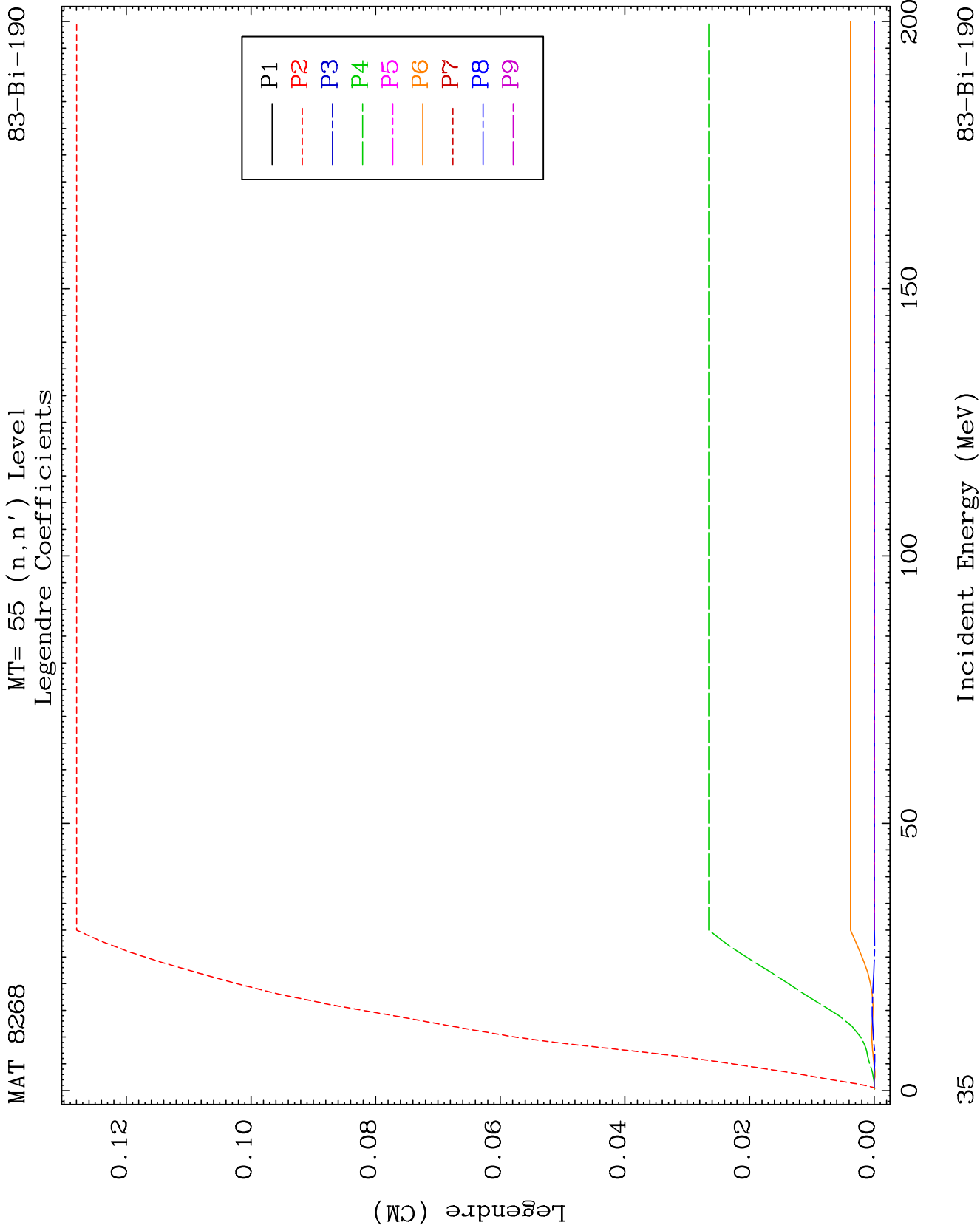
MAT 8268

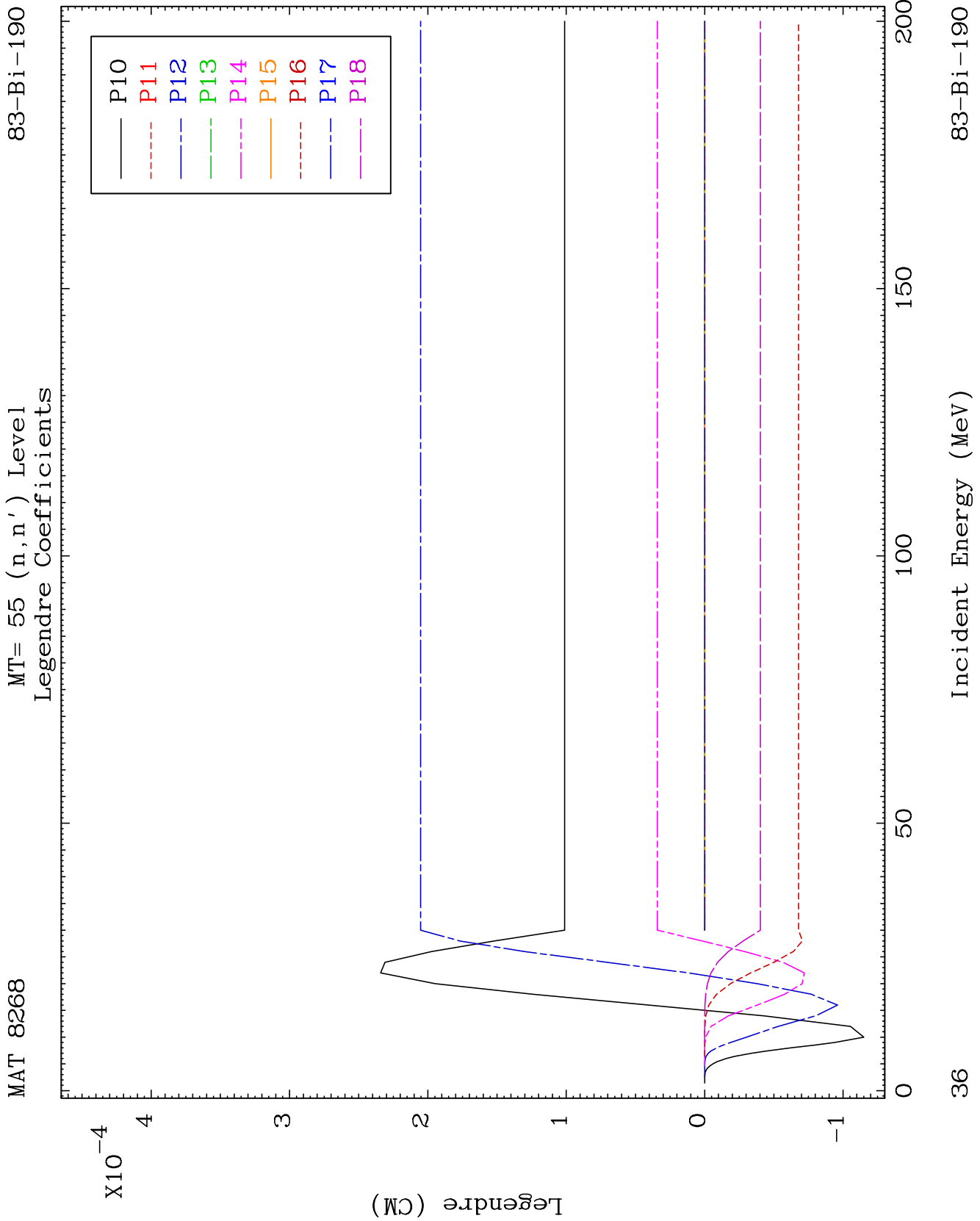
MT= 54 (n, n') Level
Legendre Coefficients

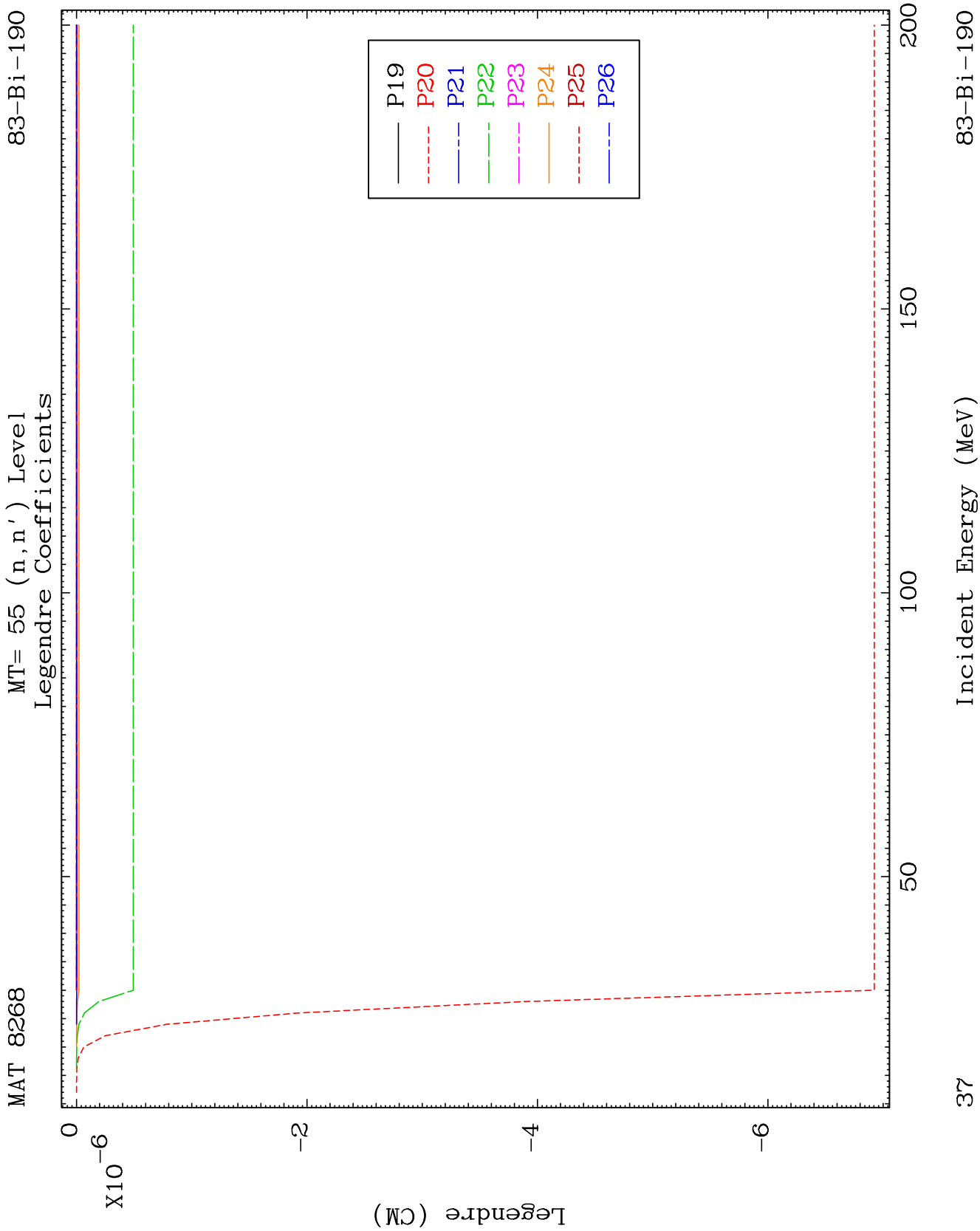
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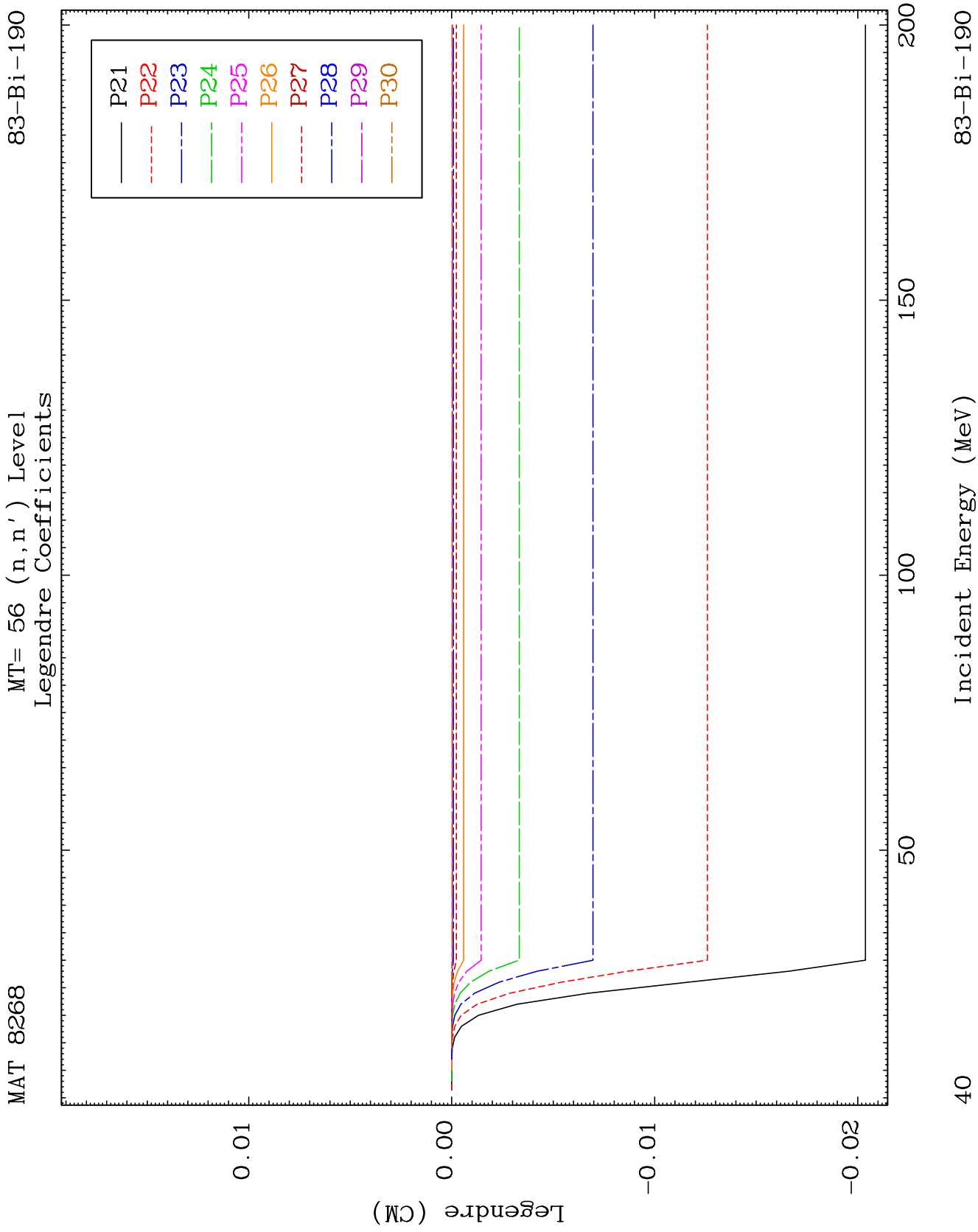


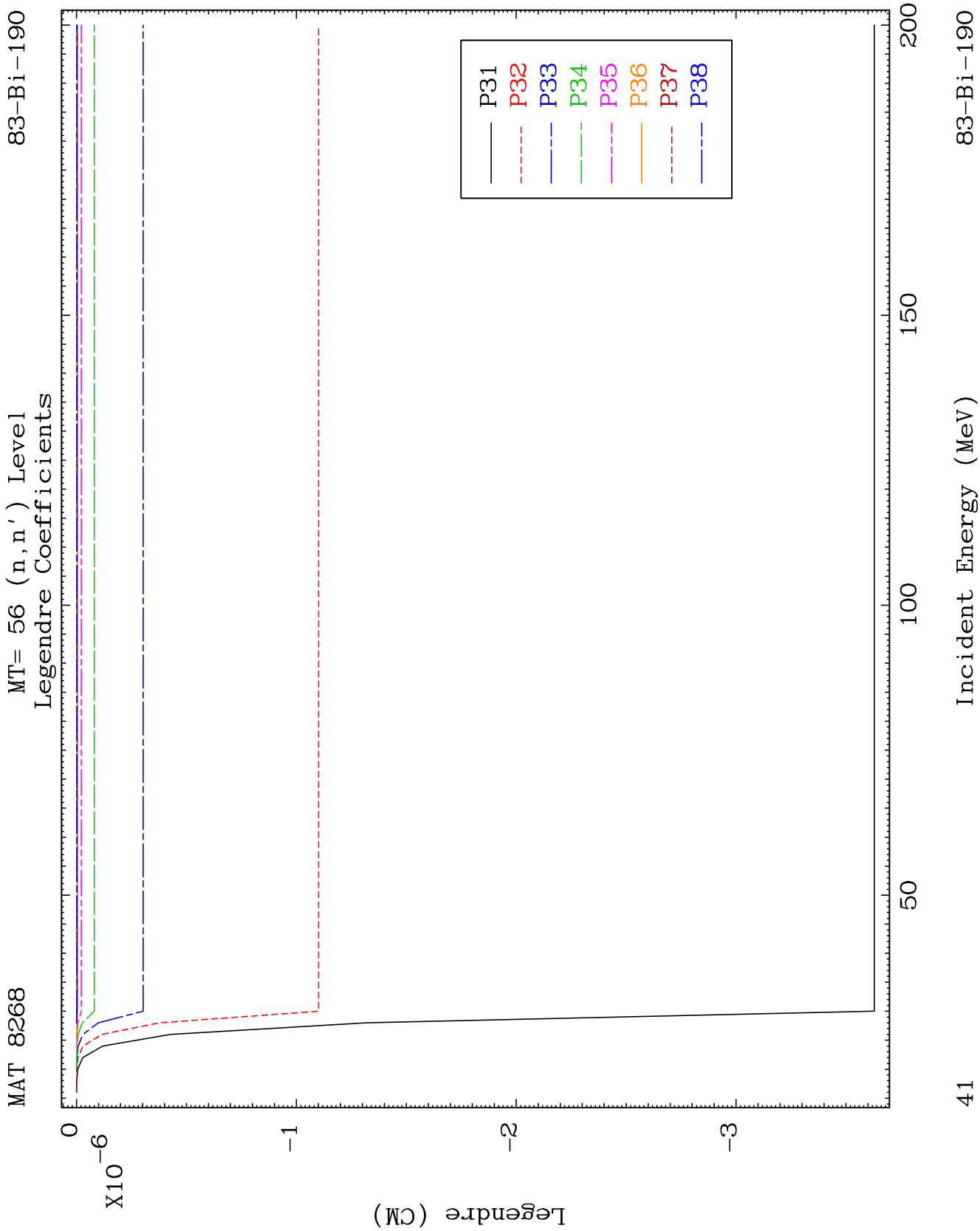








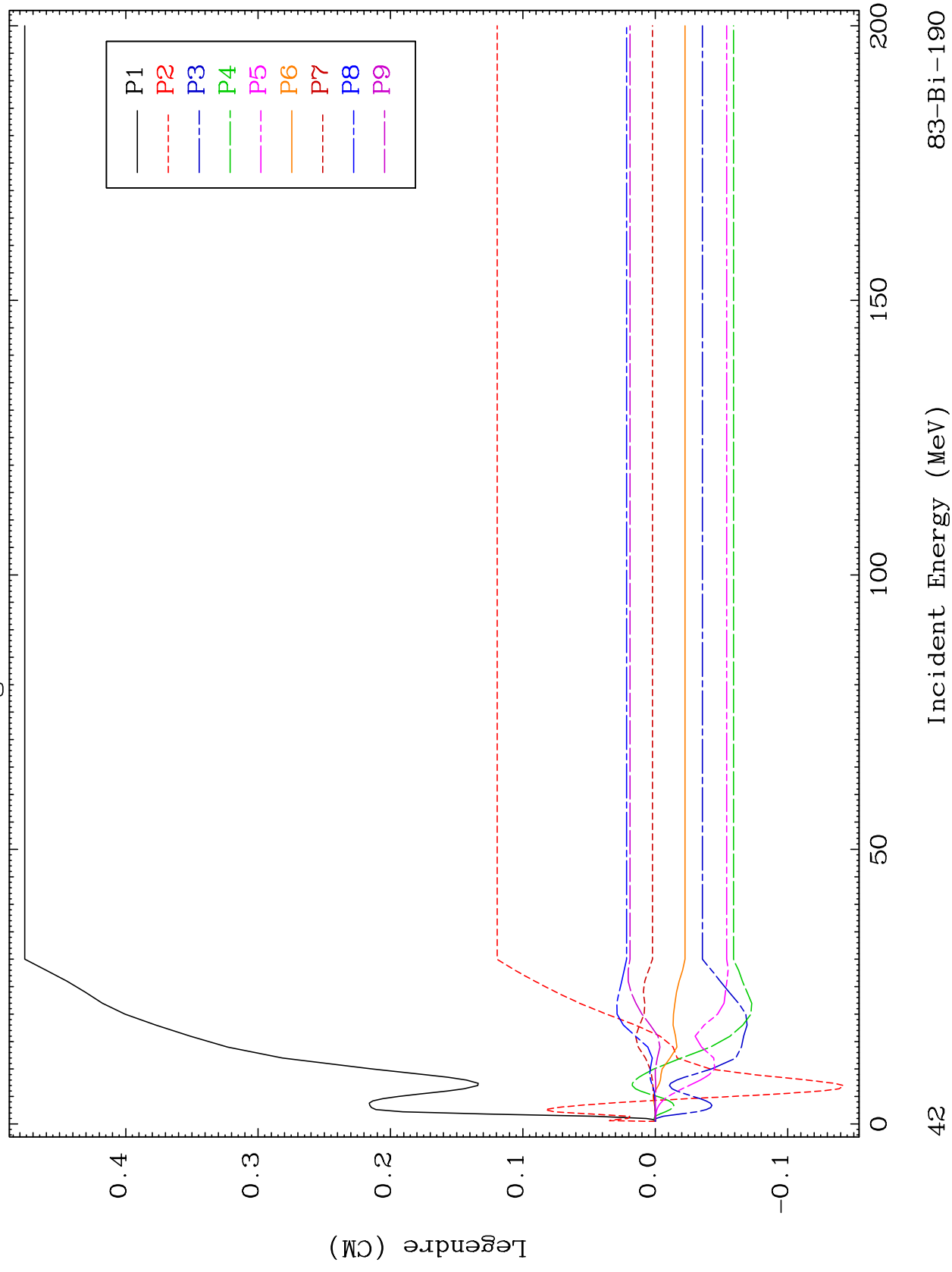


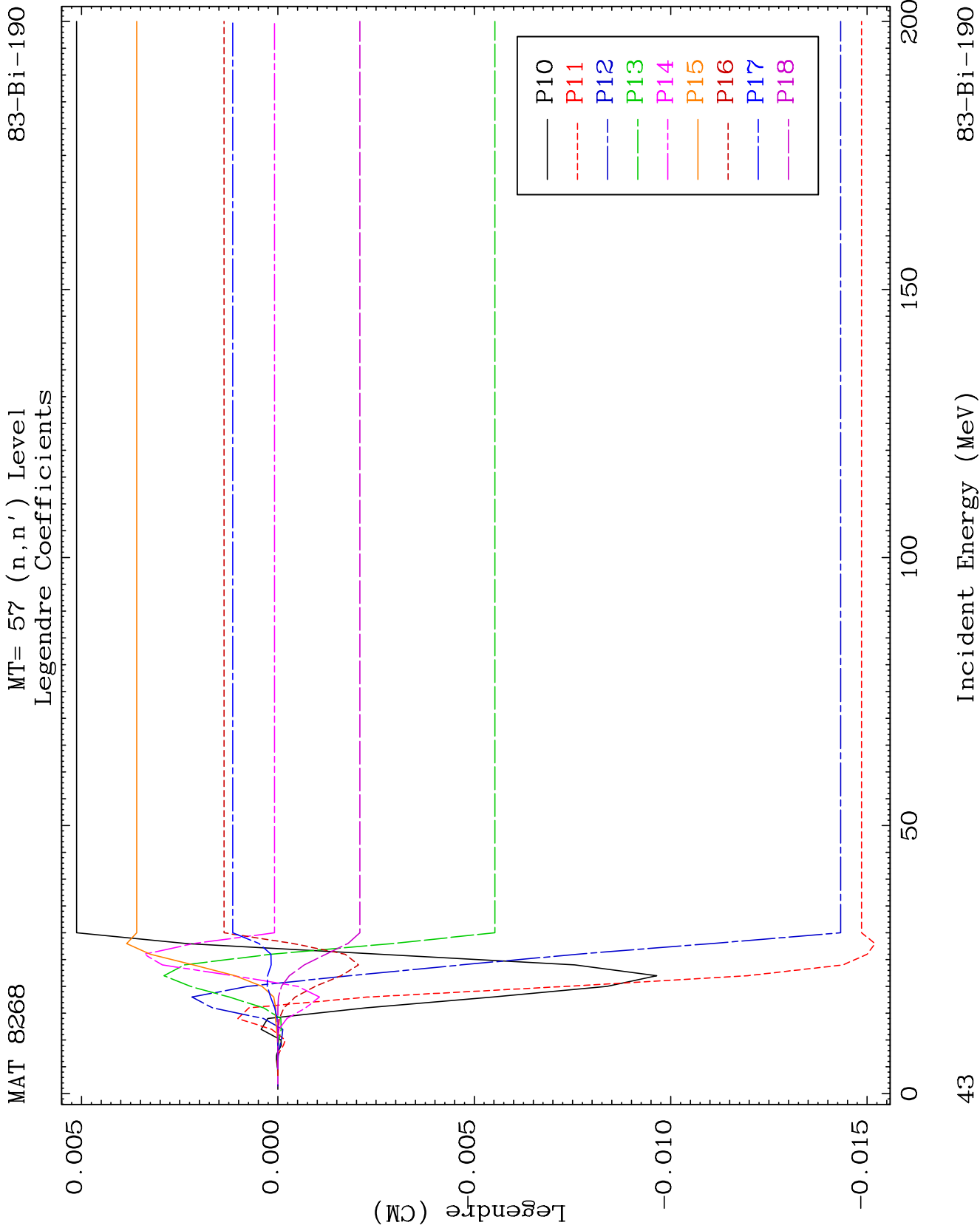


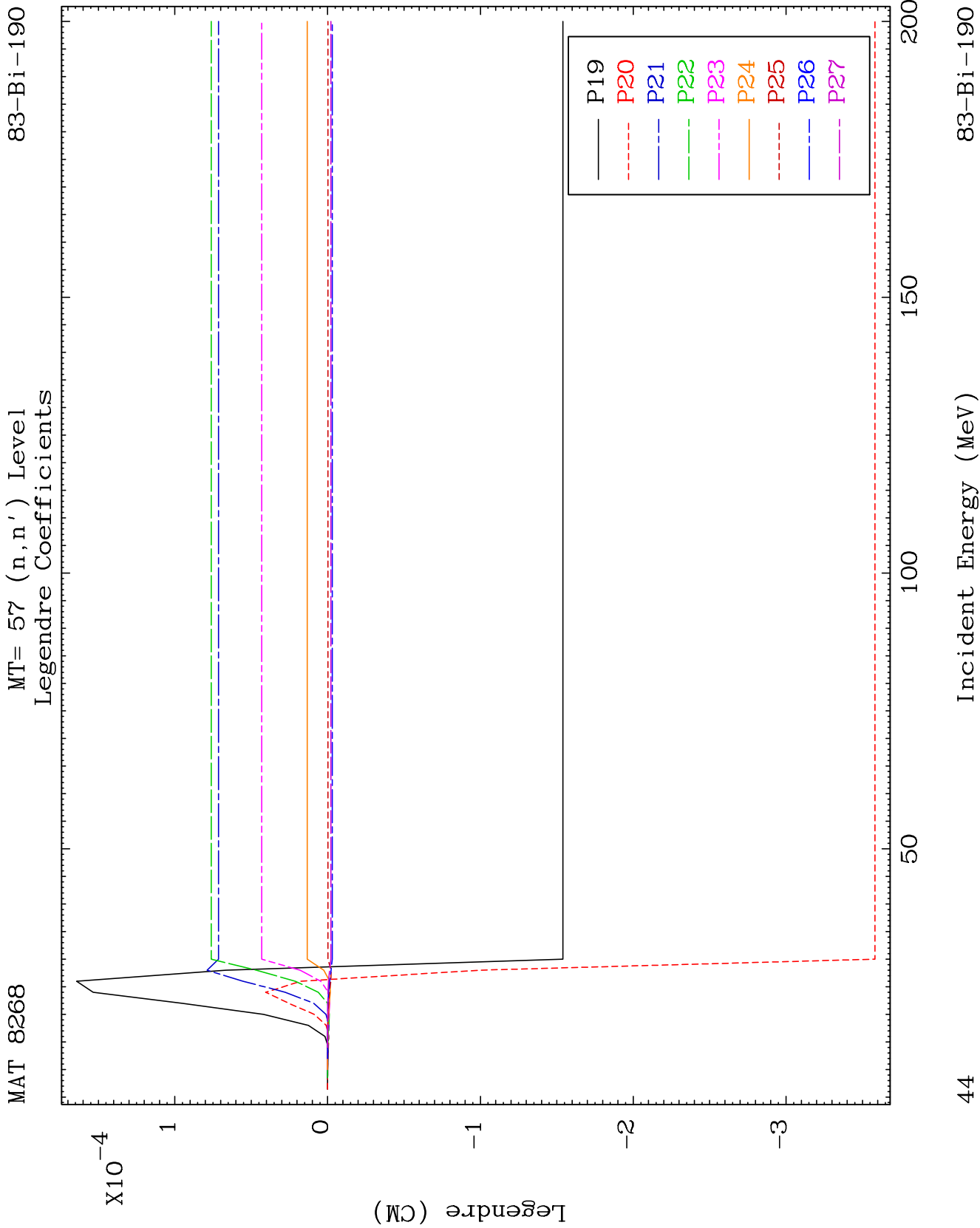
MAT 8268

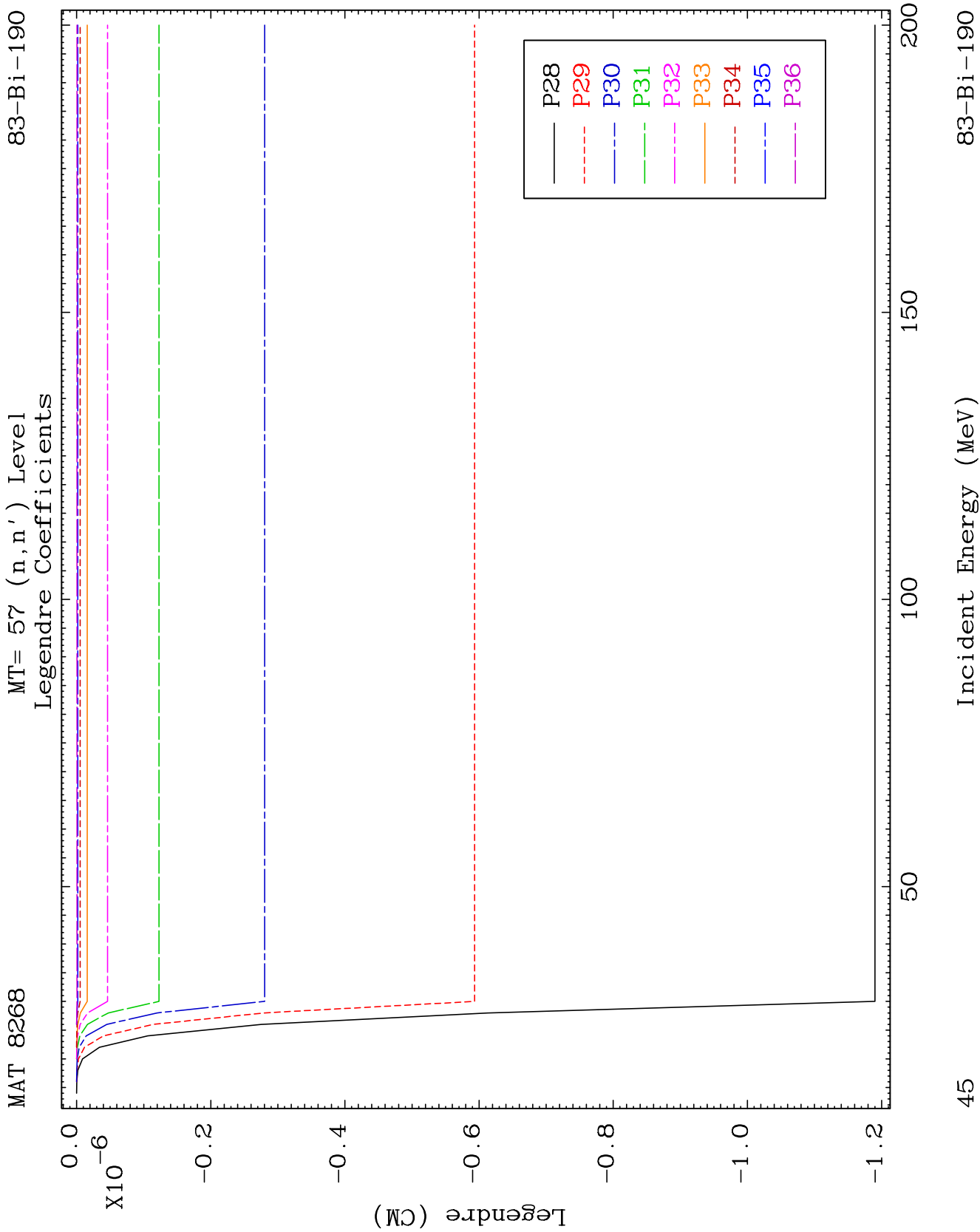
MT= 57 (n, n') Level
Legendre Coefficients

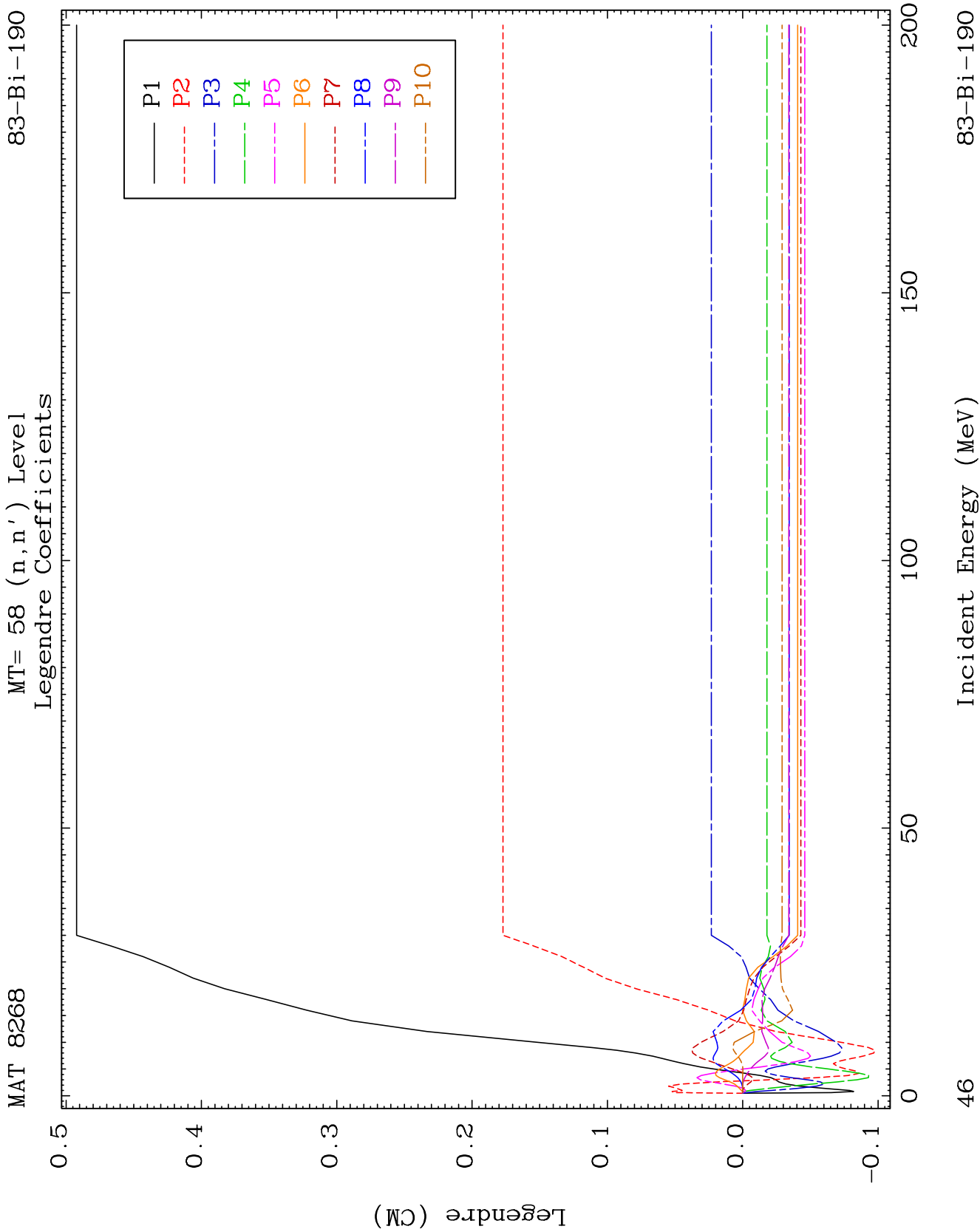
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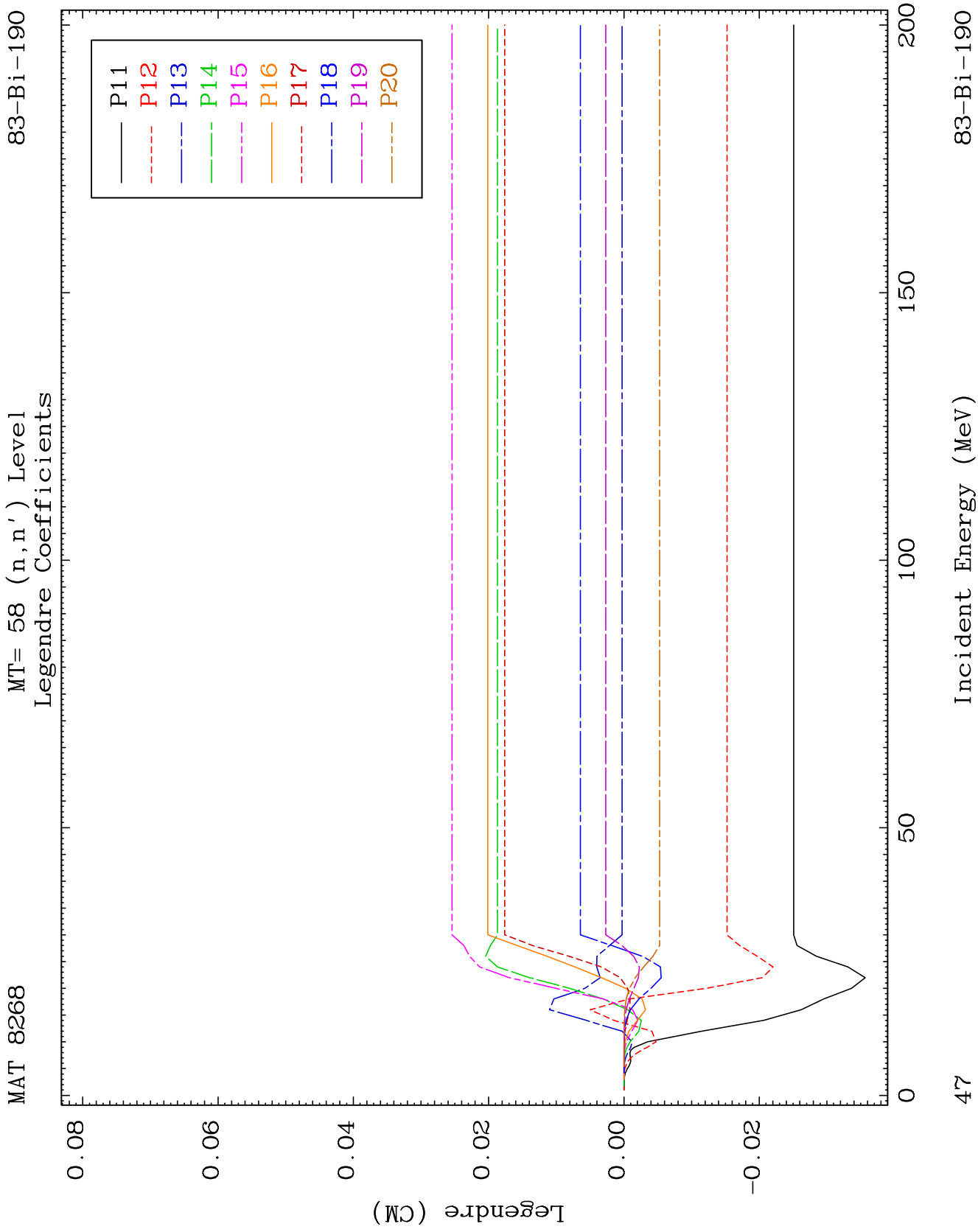










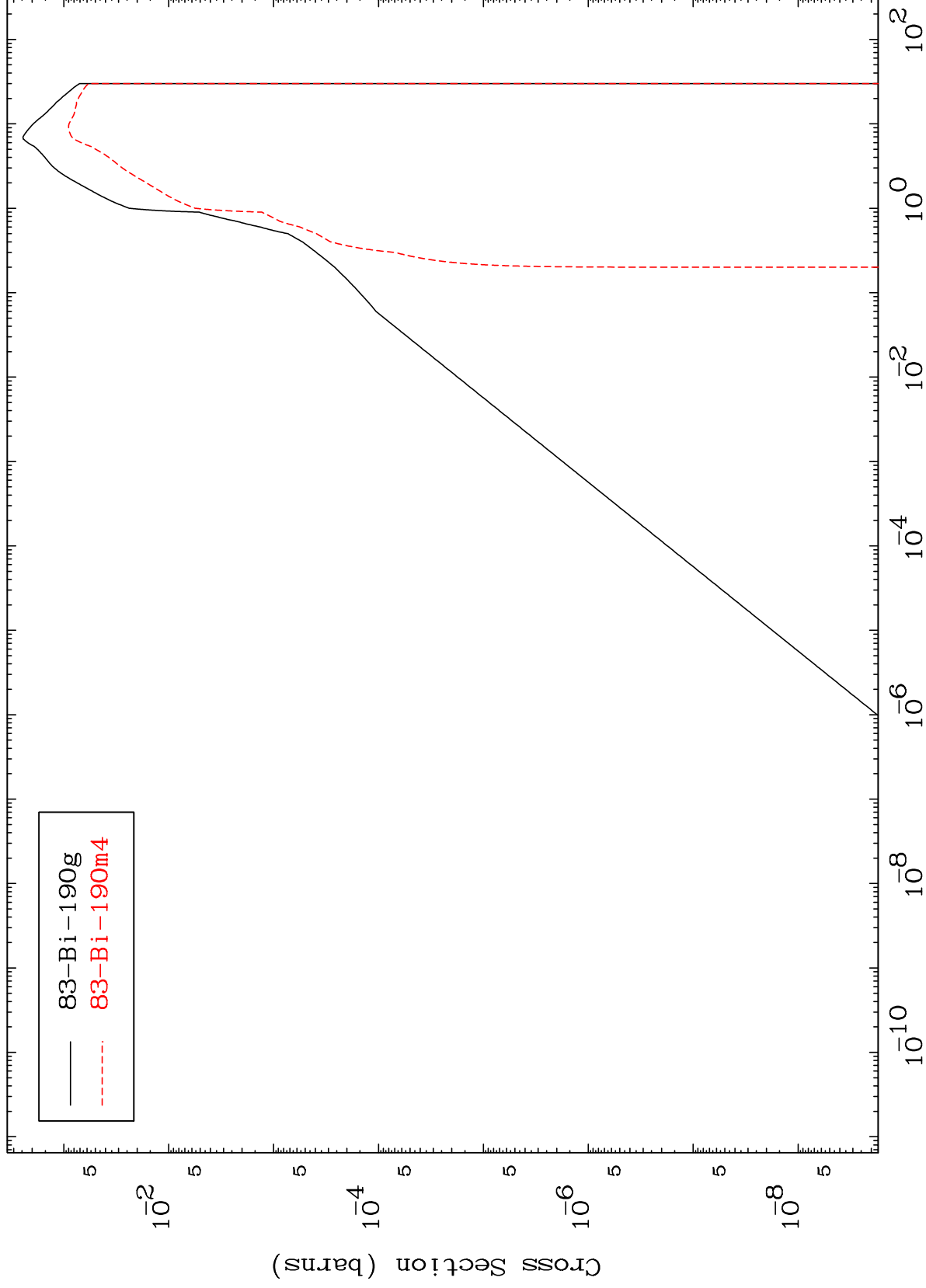


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Inelastic

83-Bi-190

Radionuclide Production Cross Section

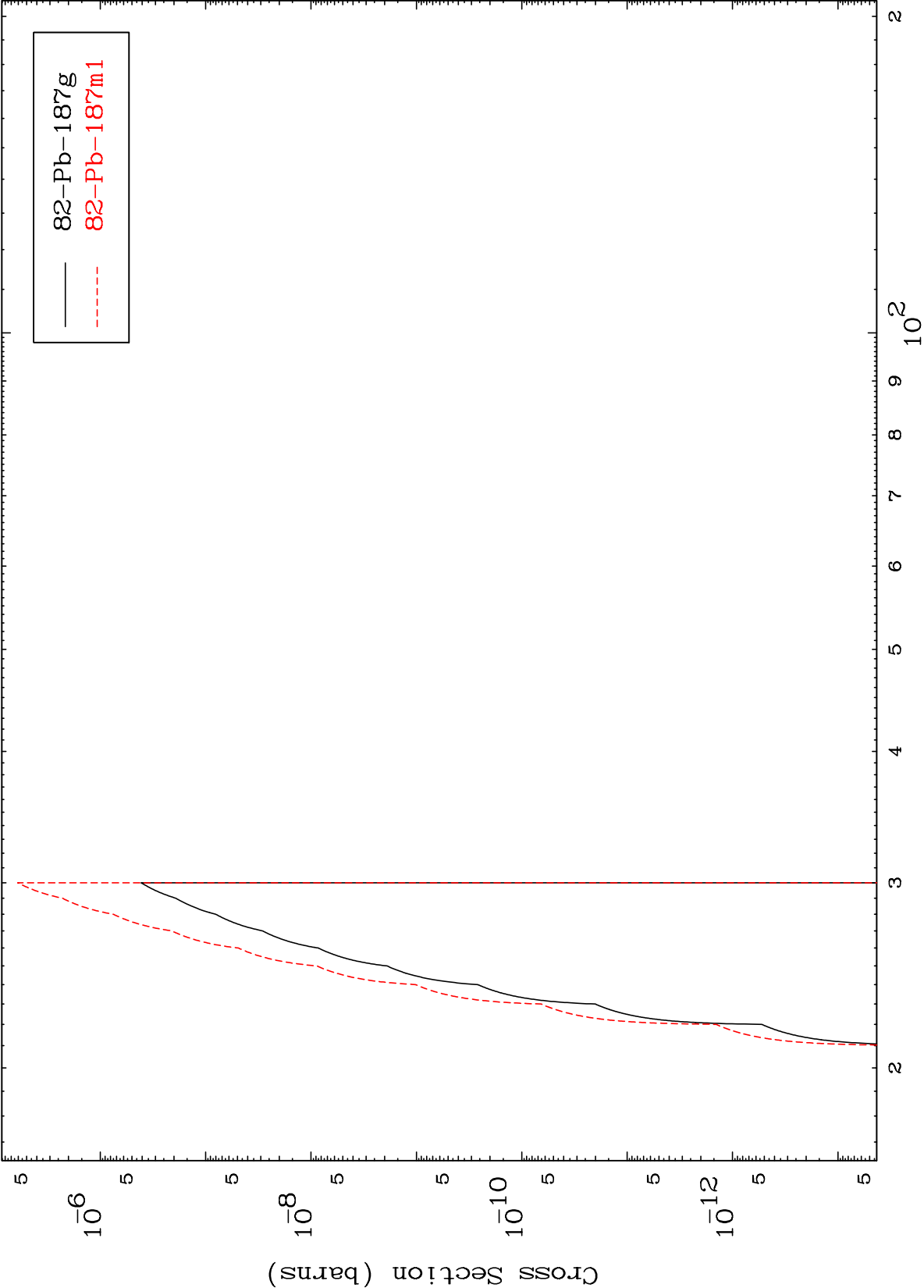


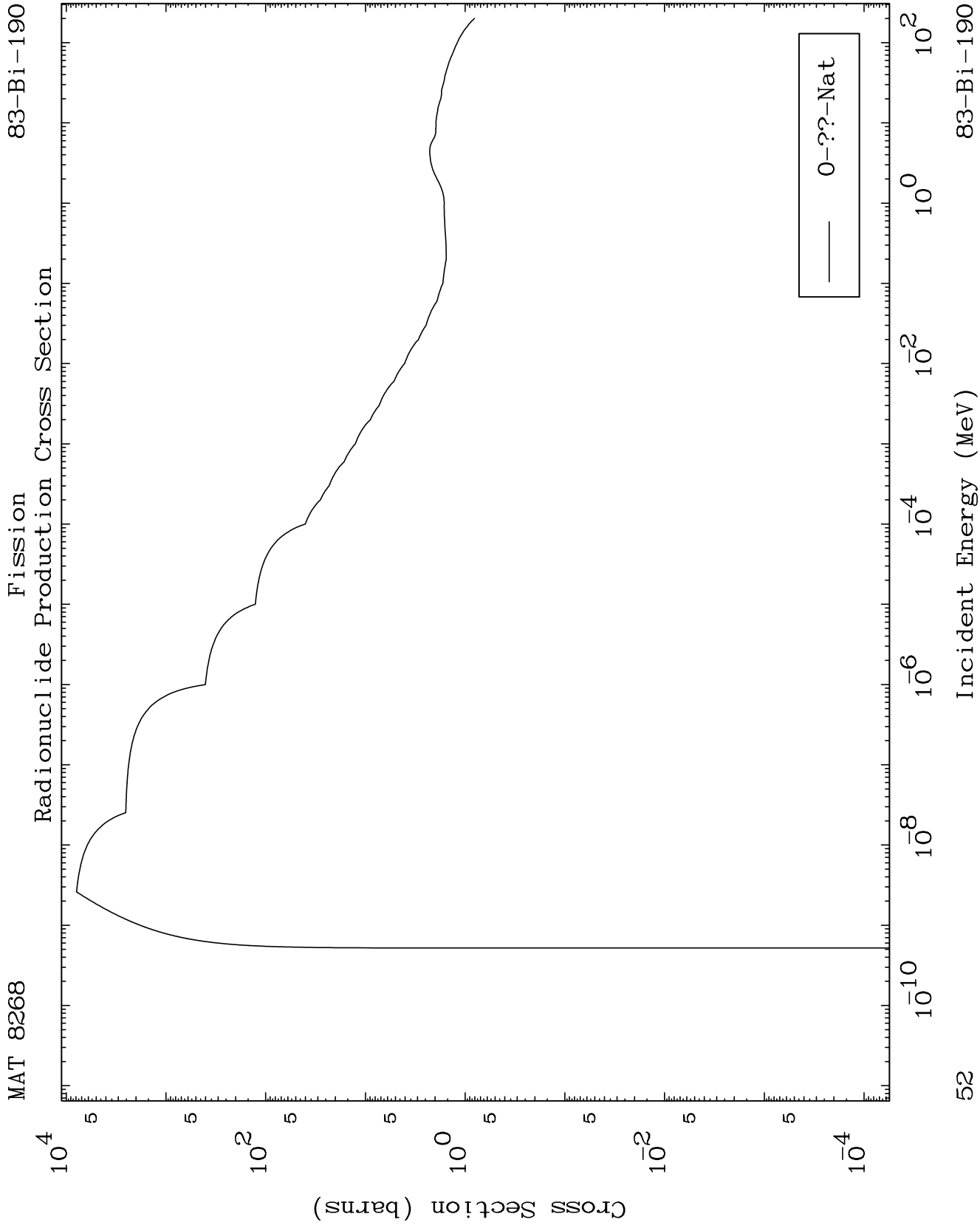
50

Incident Energy (MeV)

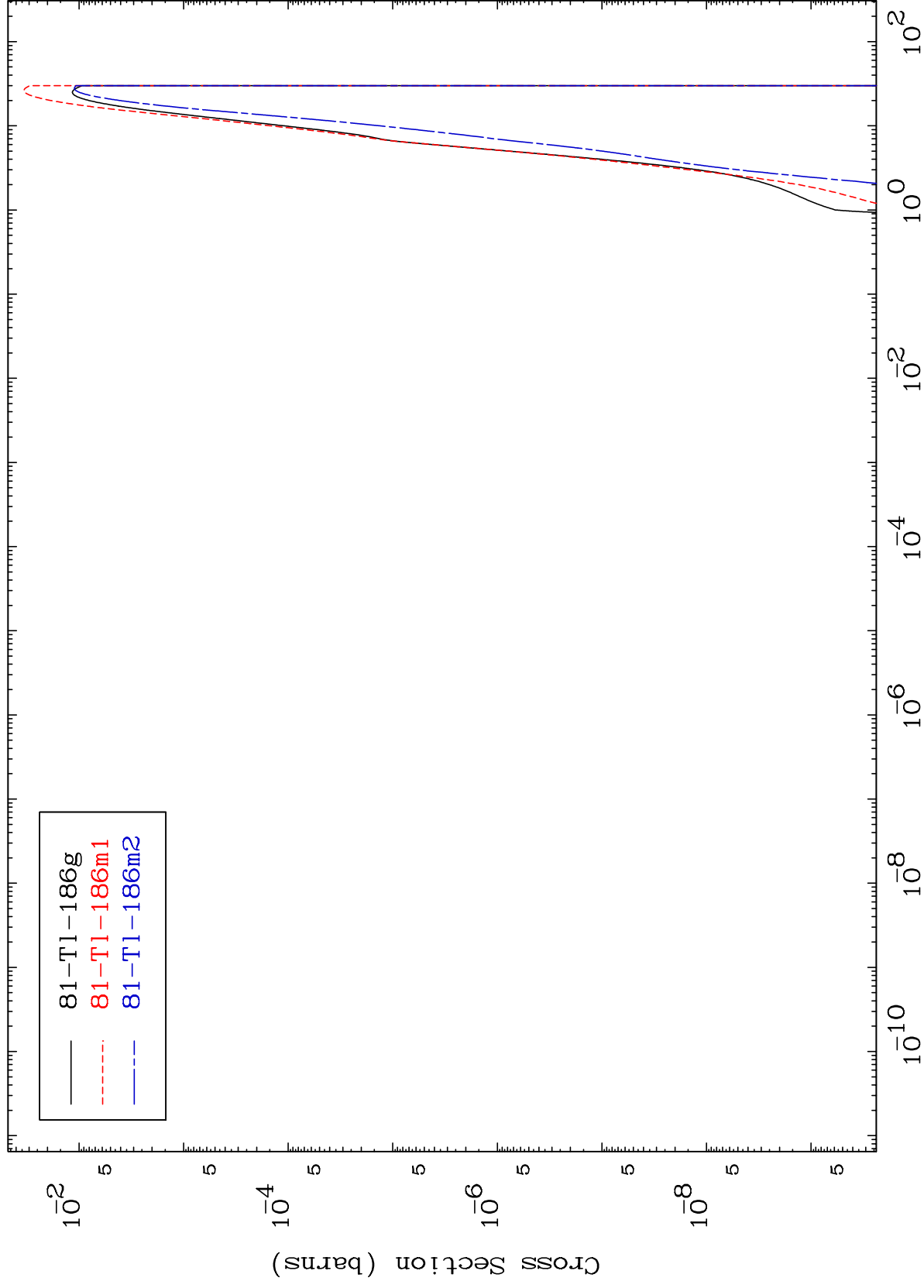
83-Bi-190

(n,2n) d
Radionuclide Production Cross Section





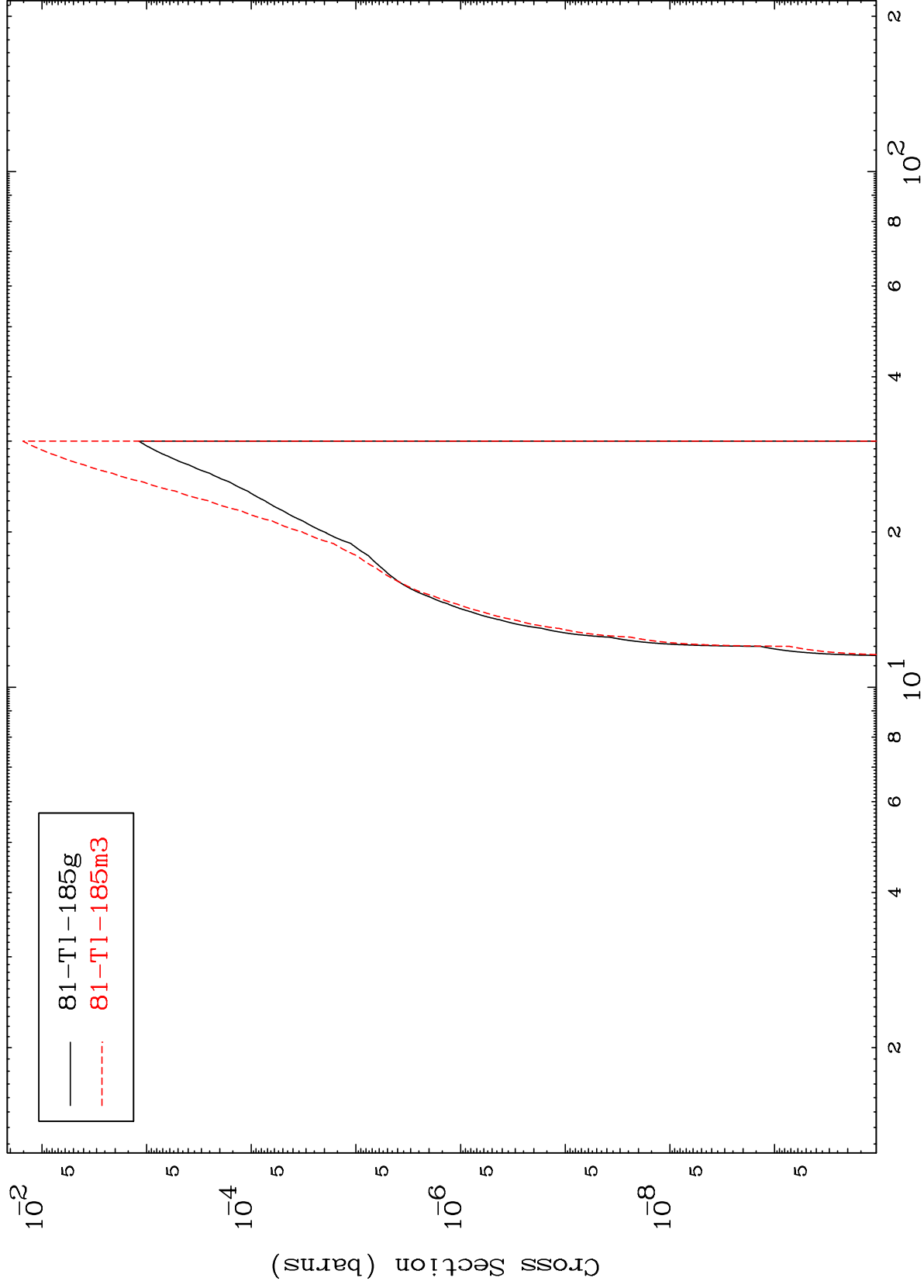
Radionuclide Production Cross Section
(n,n') α



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Radionuclide Production Cross Section
(n,2n) α



54

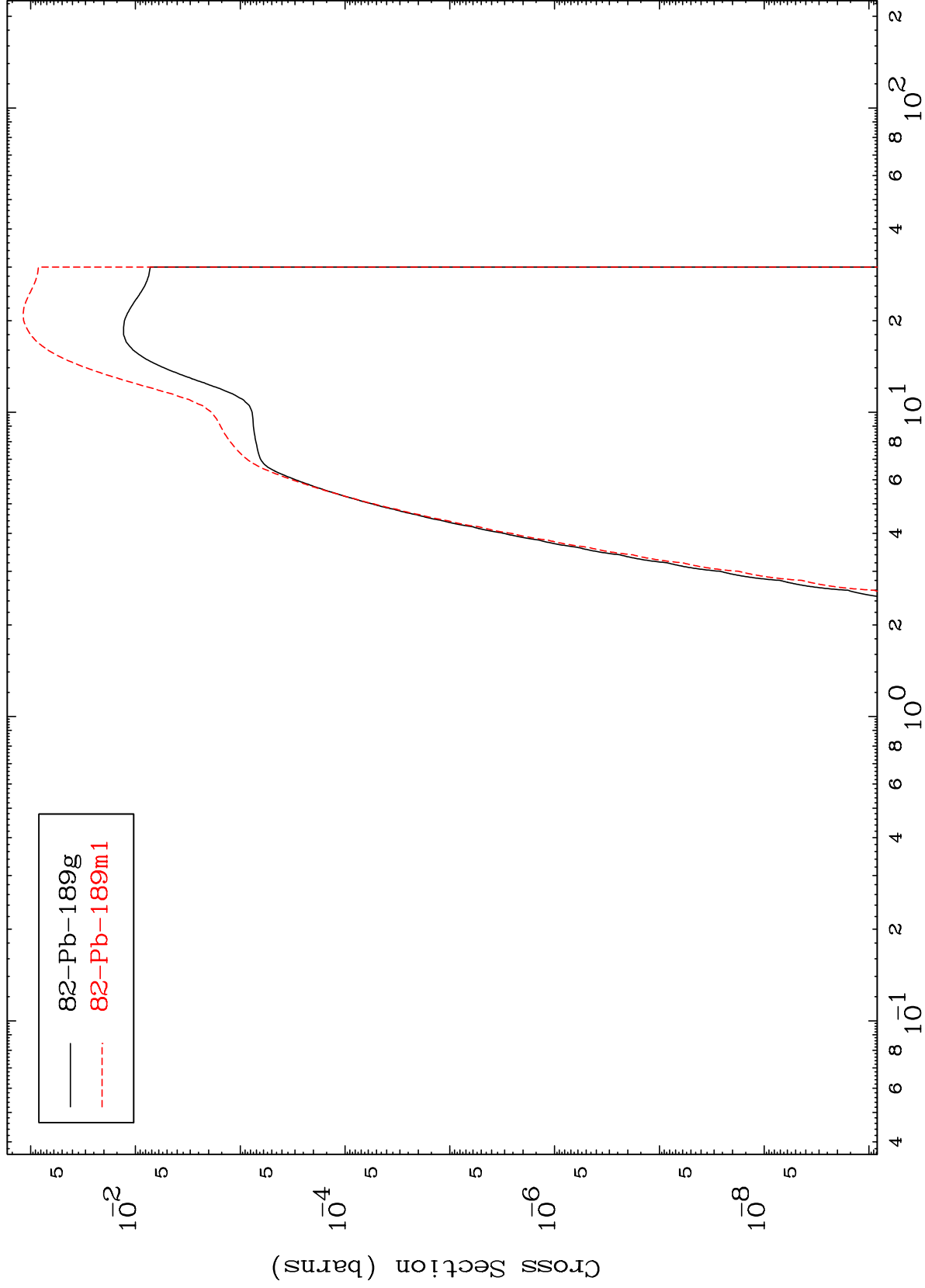
Incident Energy (MeV)

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83-Bi-190

(n,n') p
Radionuclide Production Cross Section

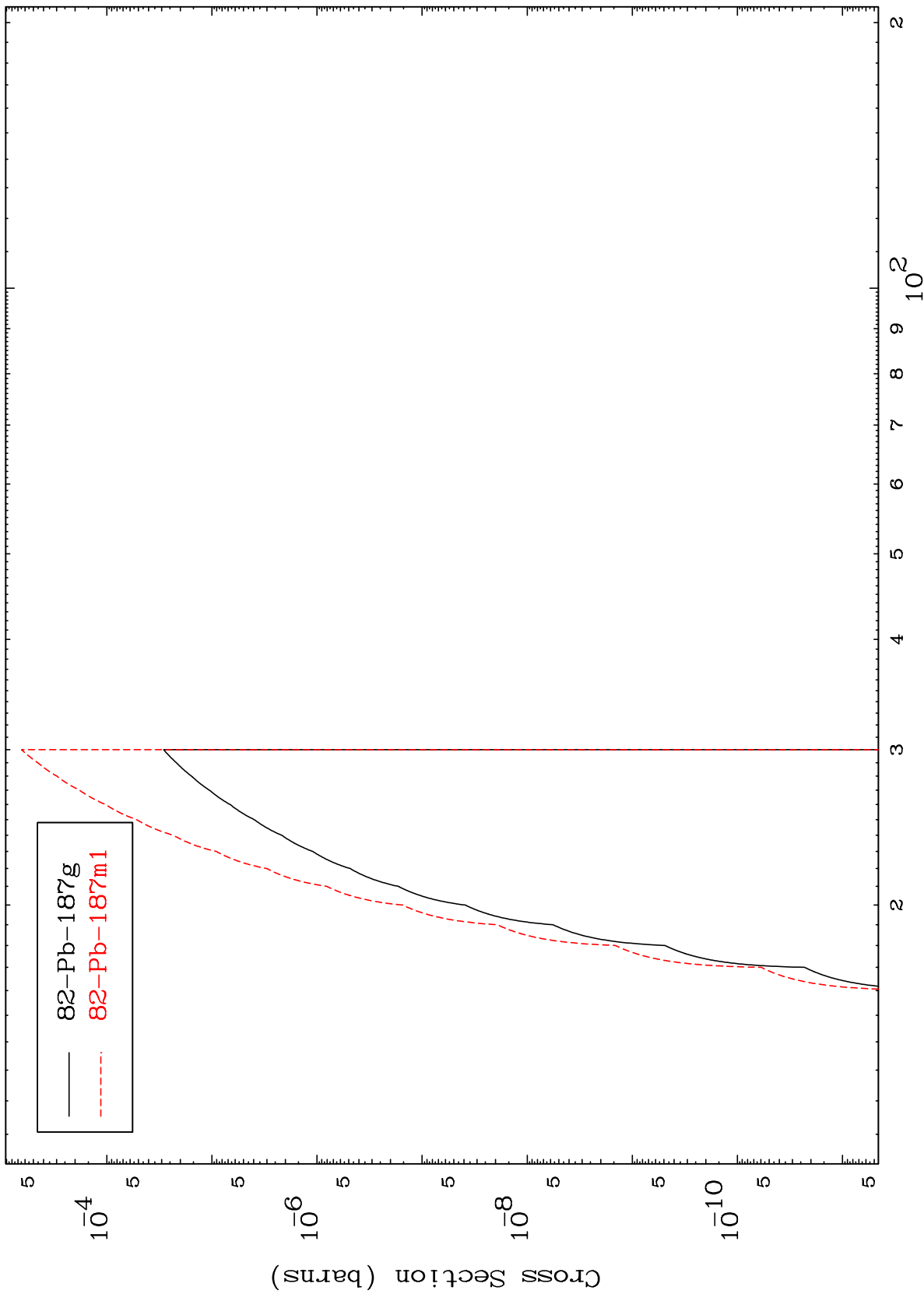


55

83-Bi-190

Incident Energy (MeV)

Radionuclide Production Cross Section
(n,n') t

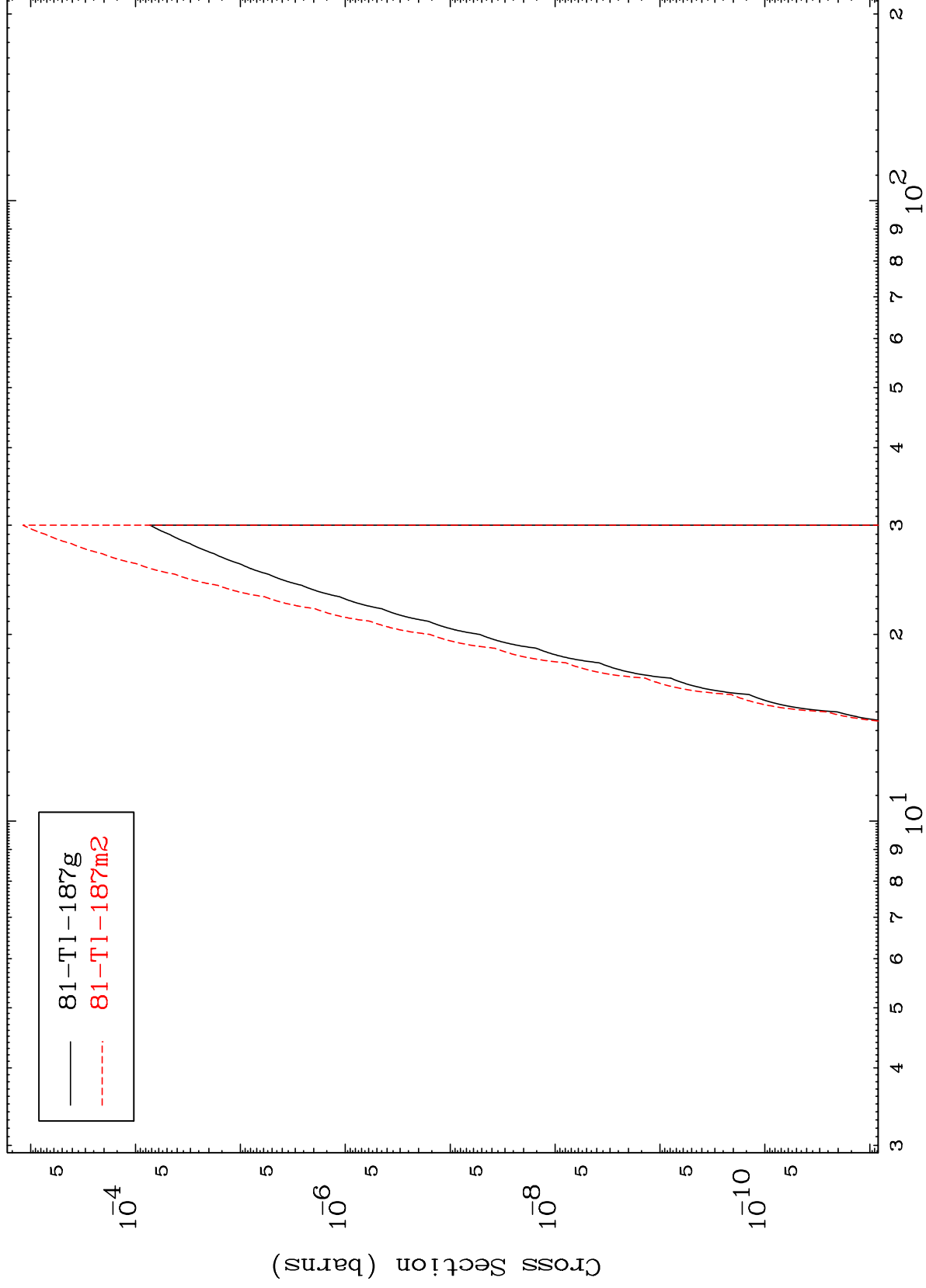


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(n,n') He-3

83-Bi-190

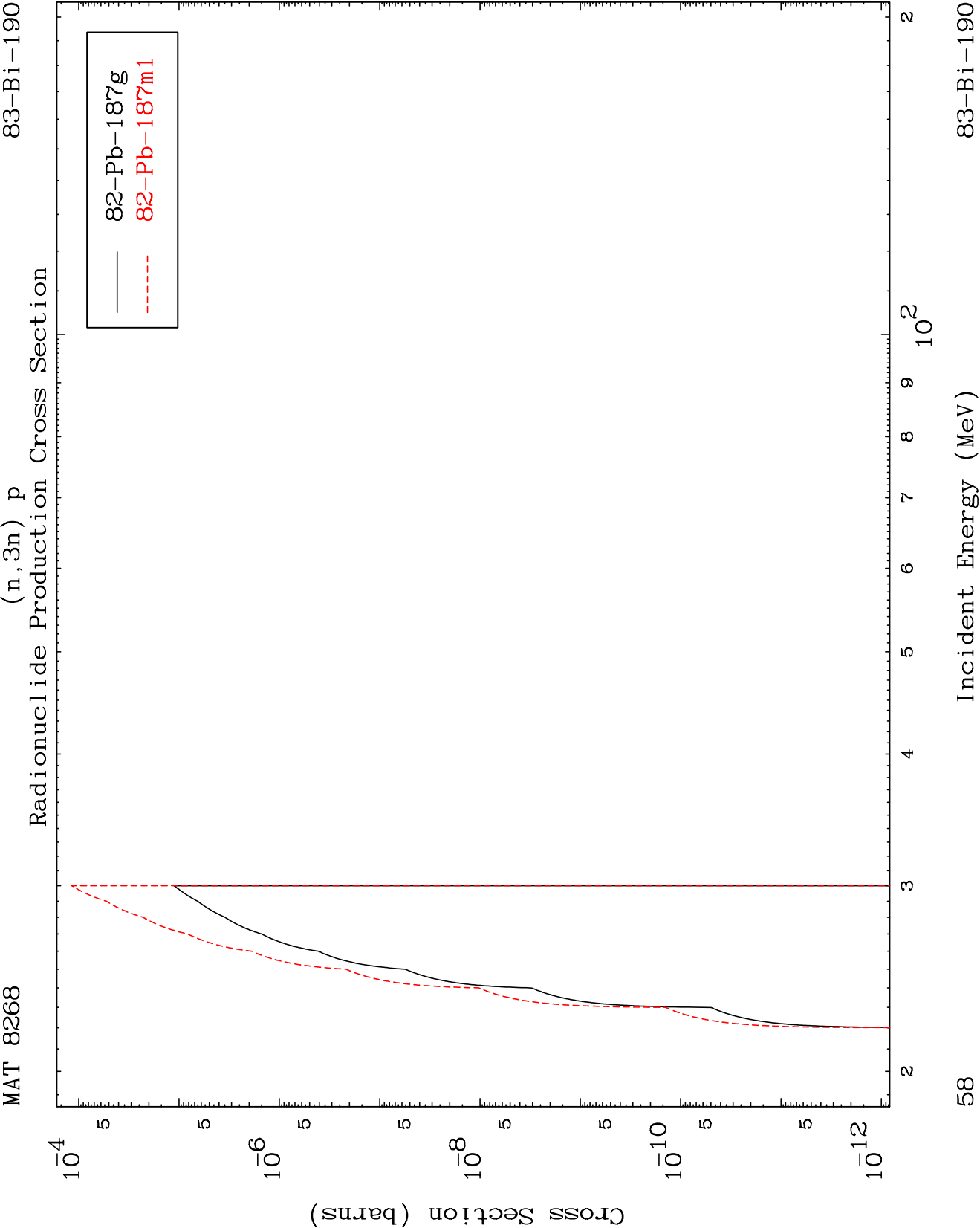
Radionuclide Production Cross Section



57

Incident Energy (MeV)

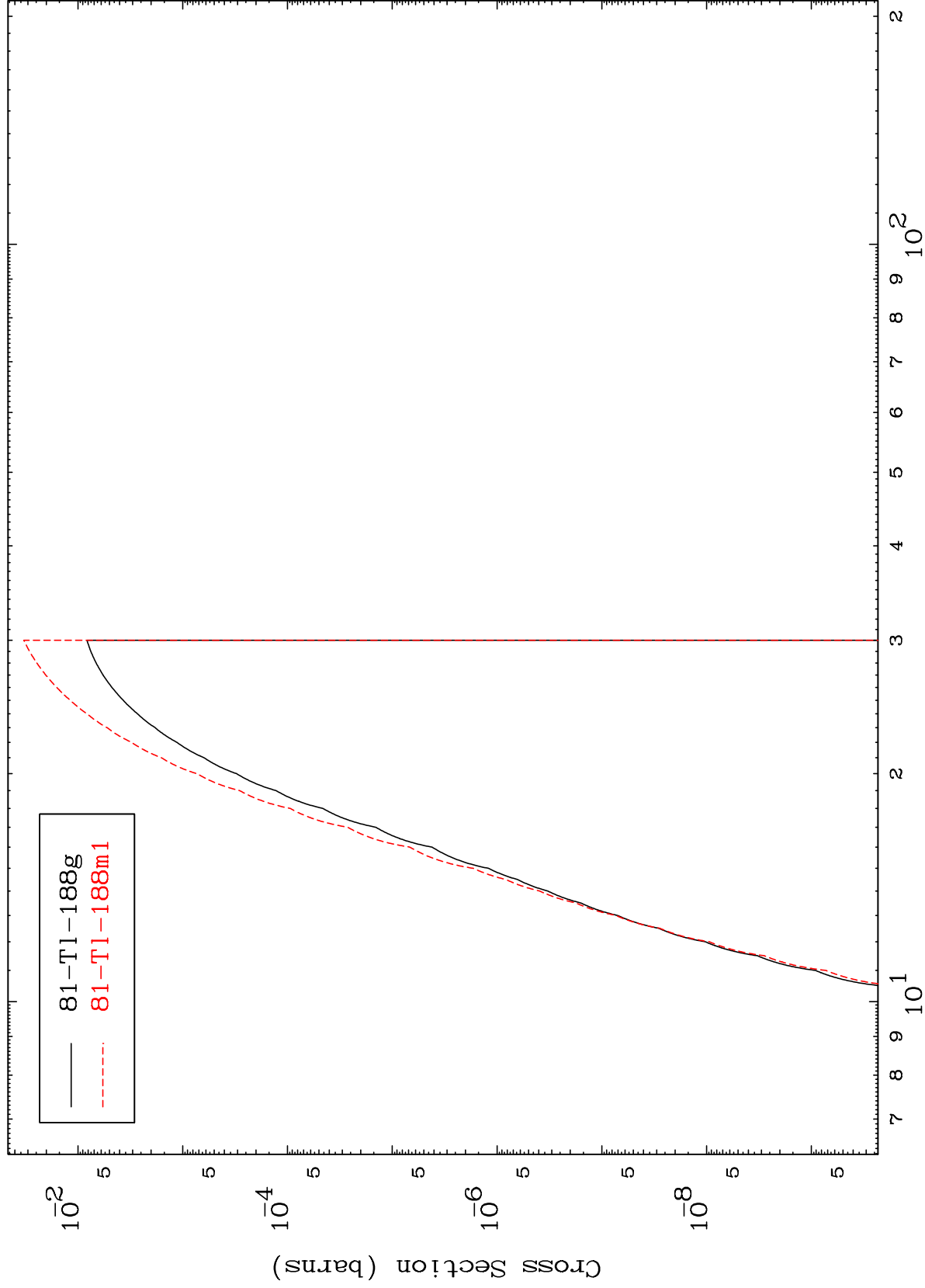
83-Bi-190



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83-Bi-190

(n,2n) p
Radionuclide Production Cross Section



59

Incident Energy (MeV)

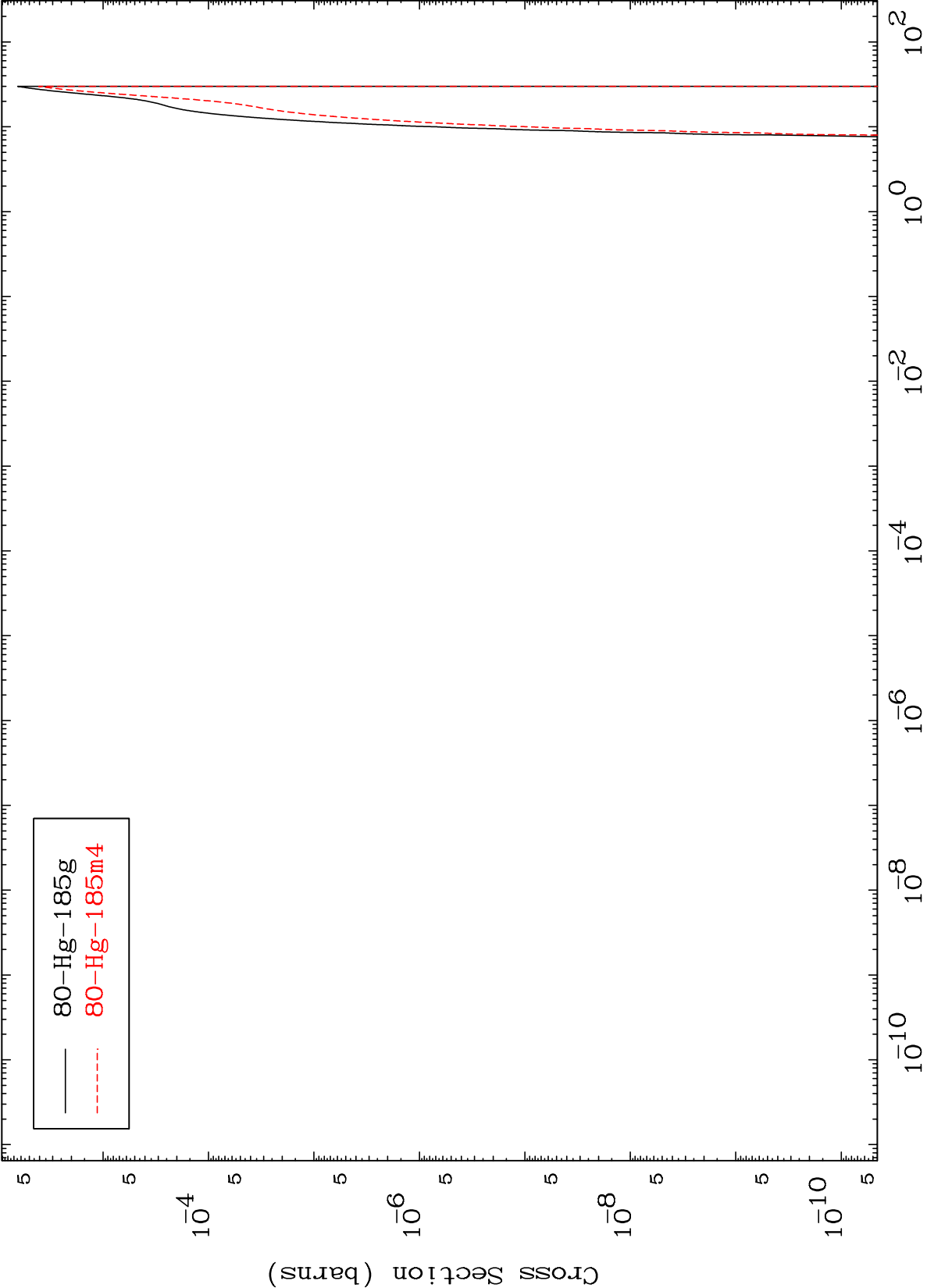
83-Bi-190

MAT 8268

(n,n') p α

83-Bi-190

Radionuclide Production Cross Section



60

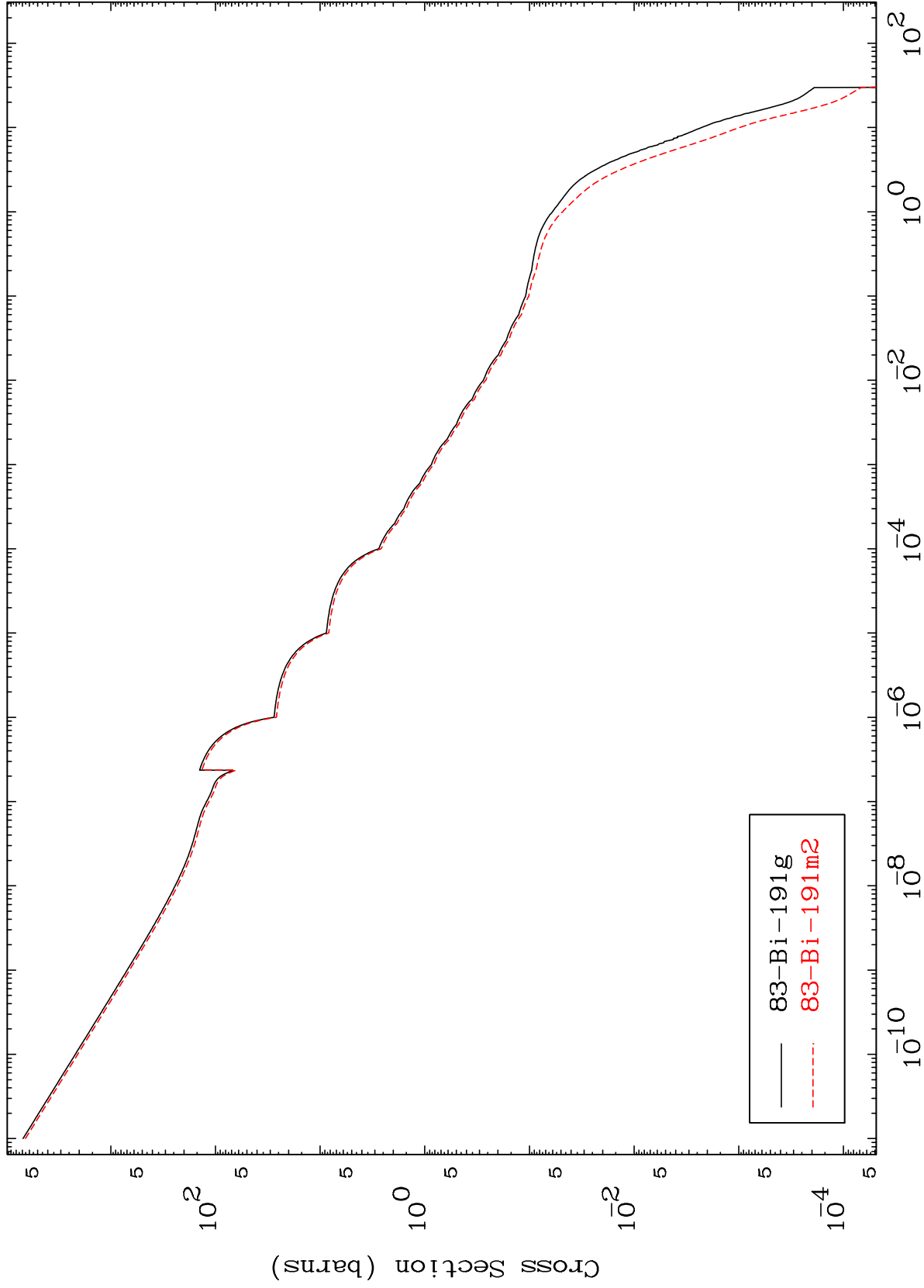
Incident Energy (MeV)

83-Bi-190

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83-Bi-190

Radionuclide Production Cross Section
(n, γ)



61

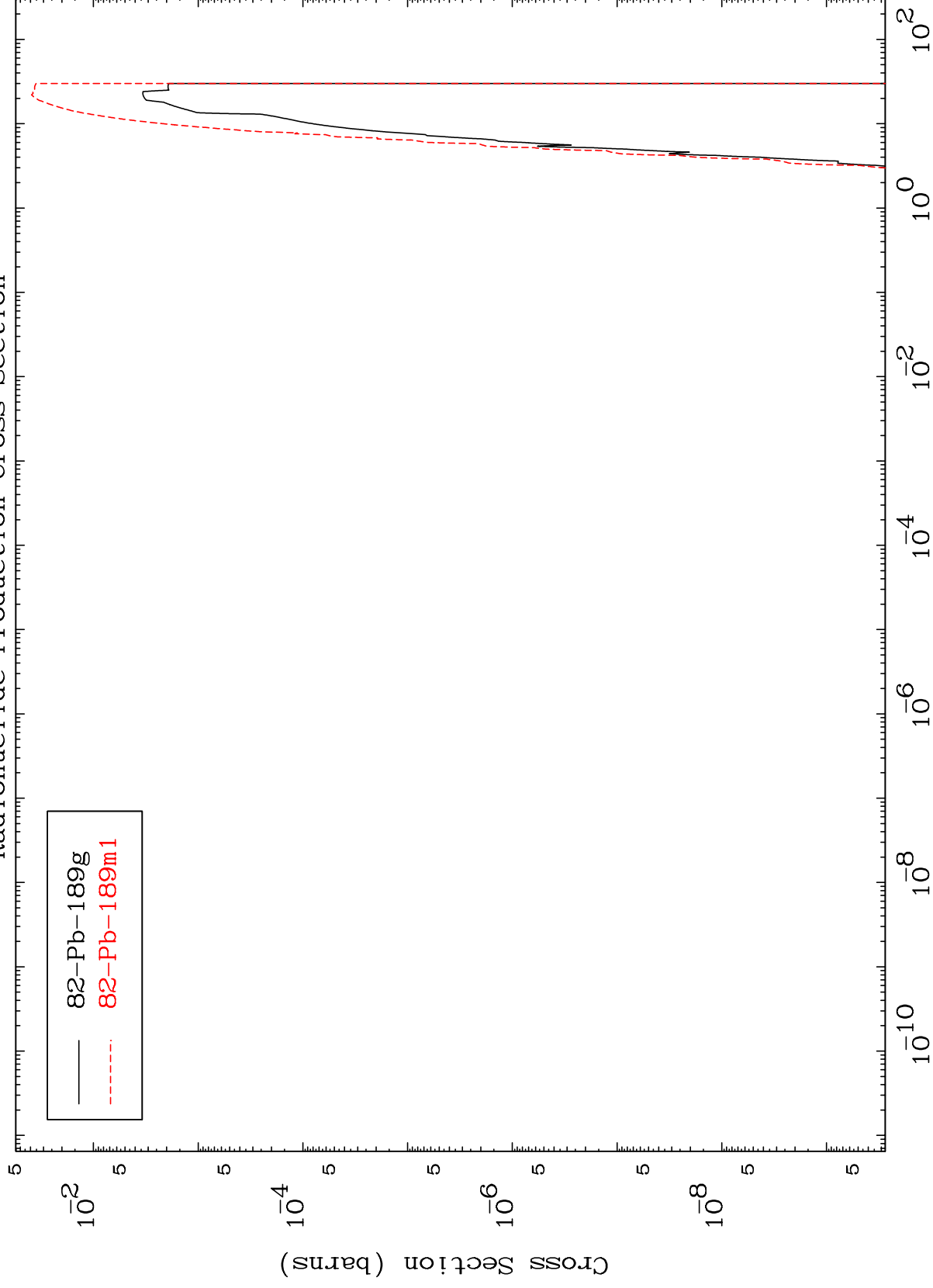
83-Bi-190

MAT 8268

(n,d)

83-Bi-190

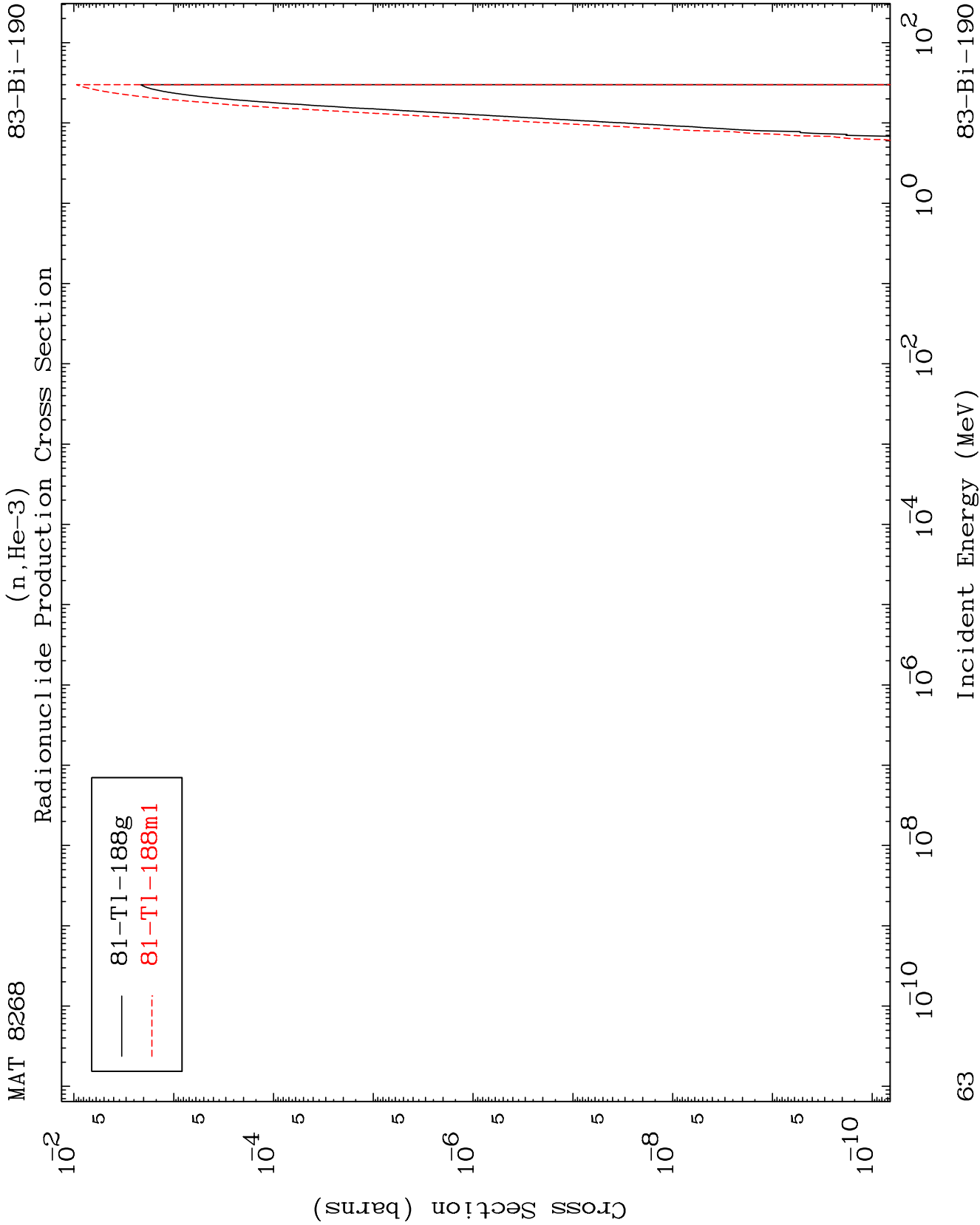
Radionuclide Production Cross Section

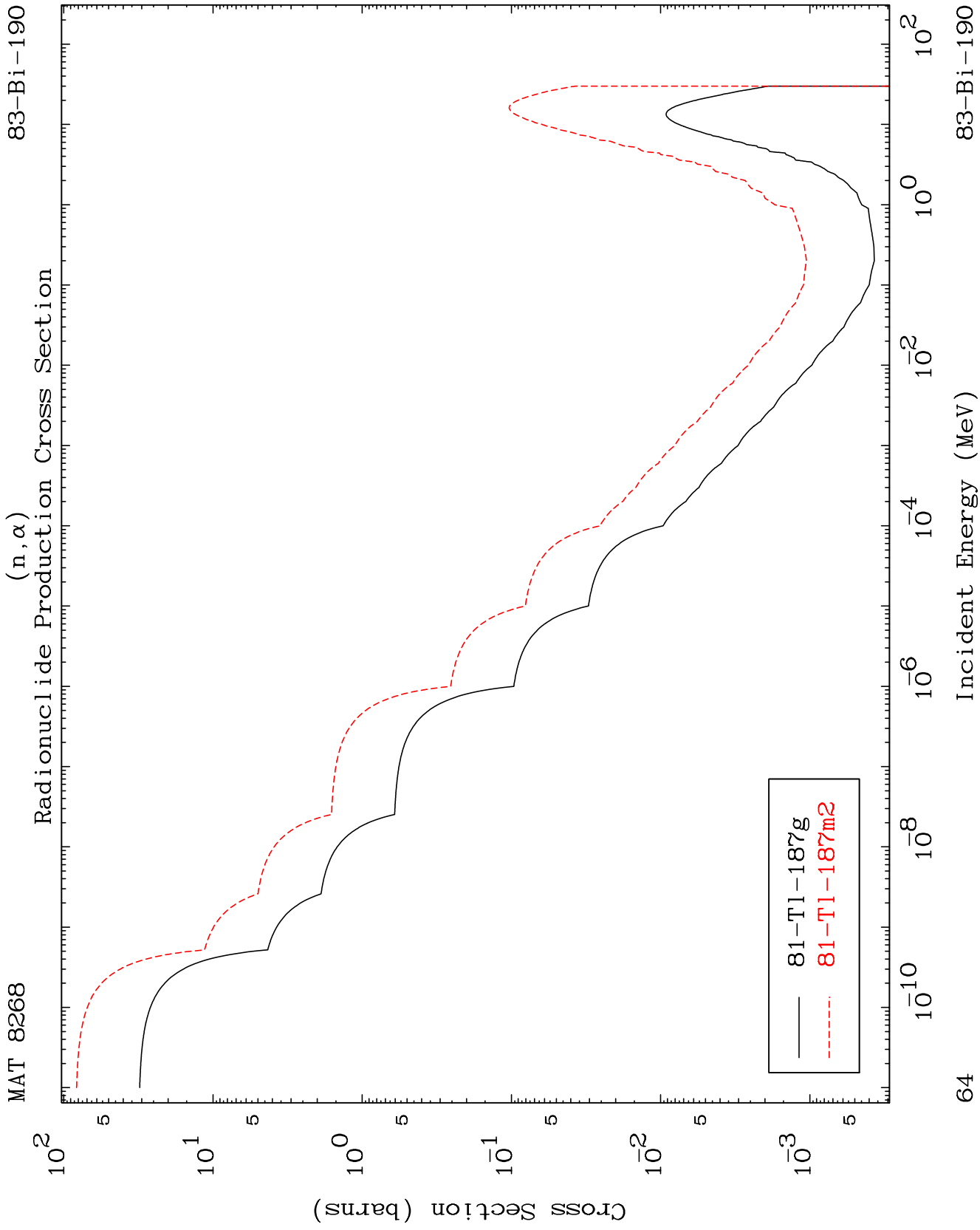


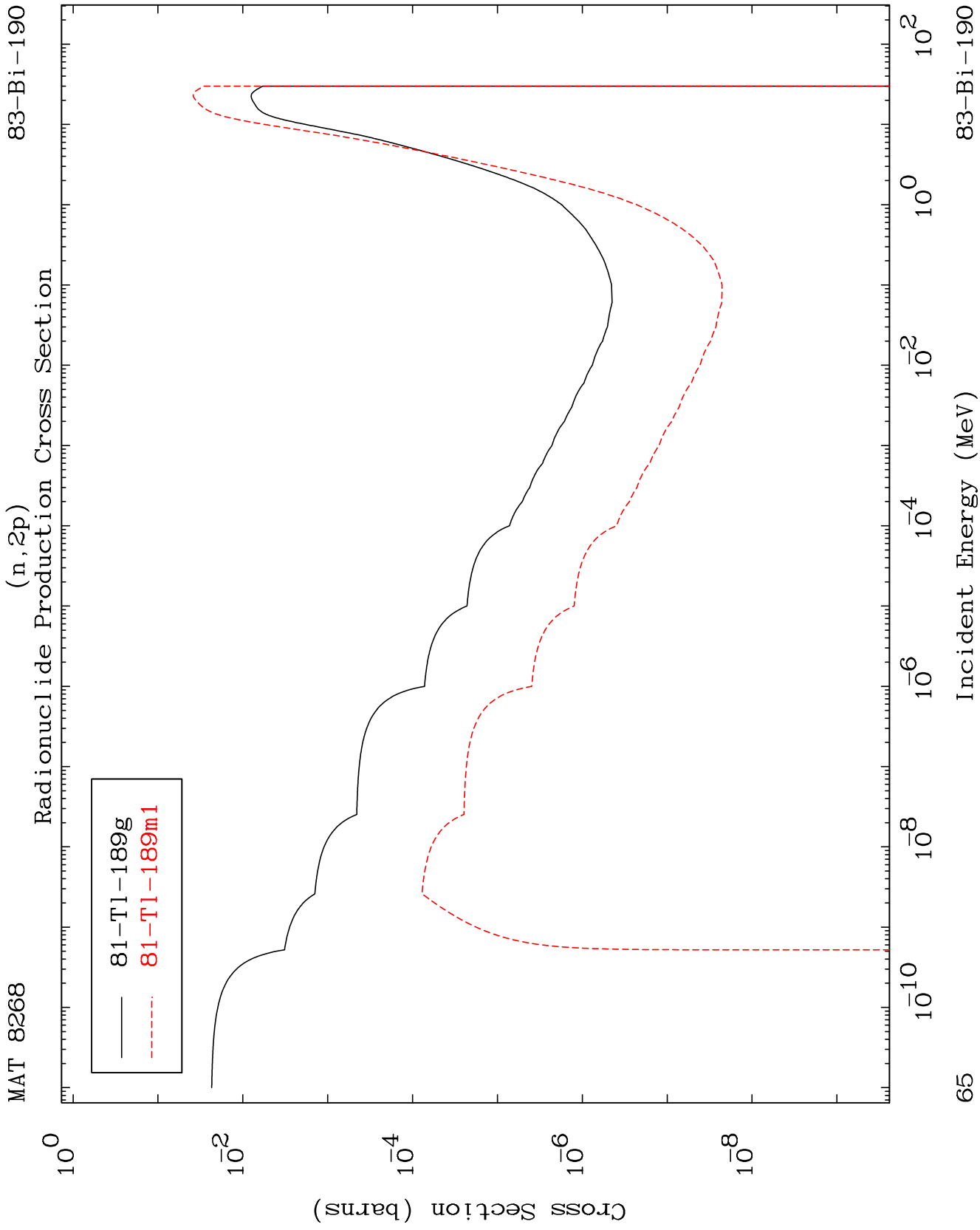
62

Incident Energy (MeV)

83-Bi-190





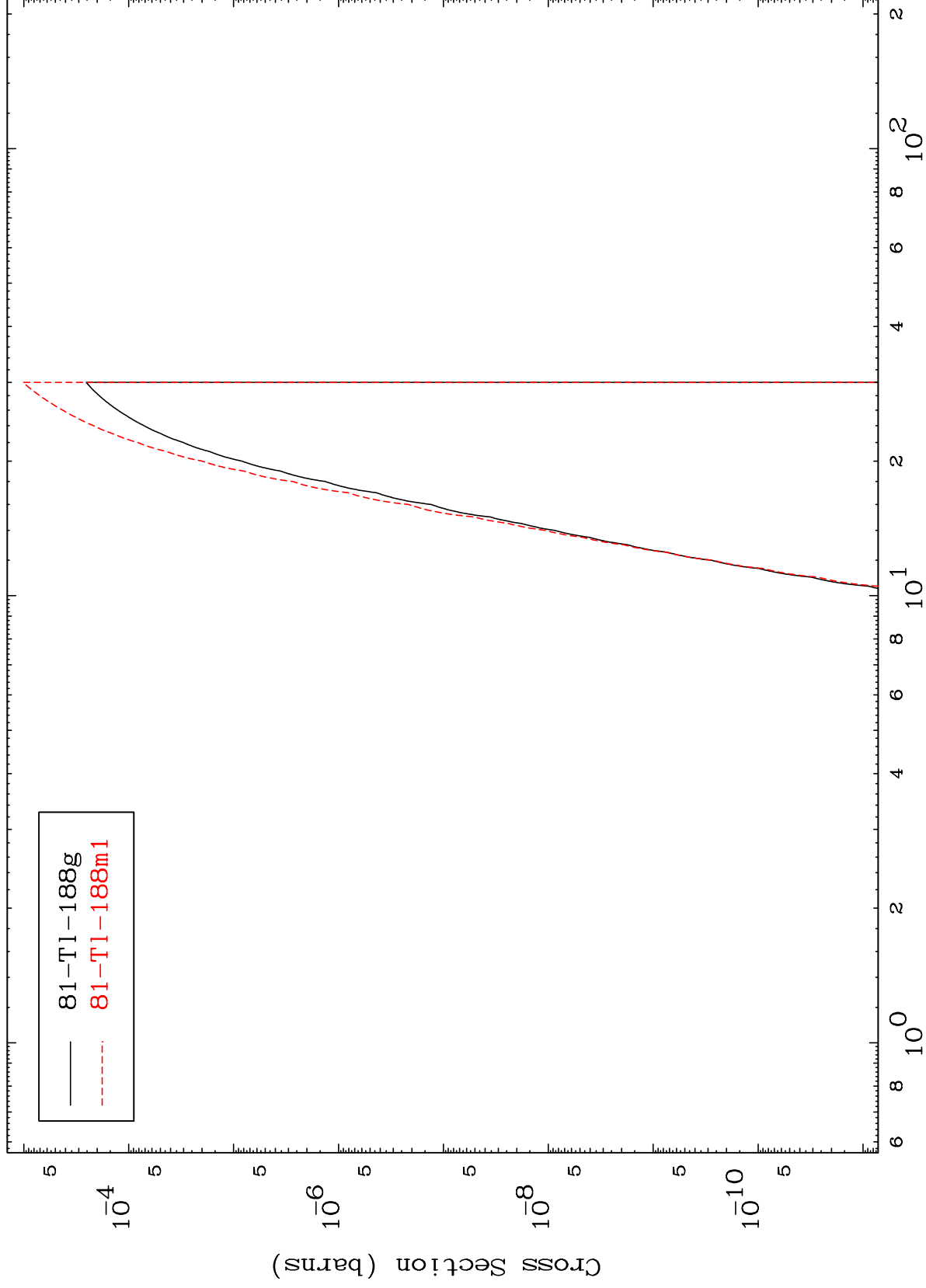


MAT 8268

(n,p) d

83-Bi-190

Radionuclide Production Cross Section



66

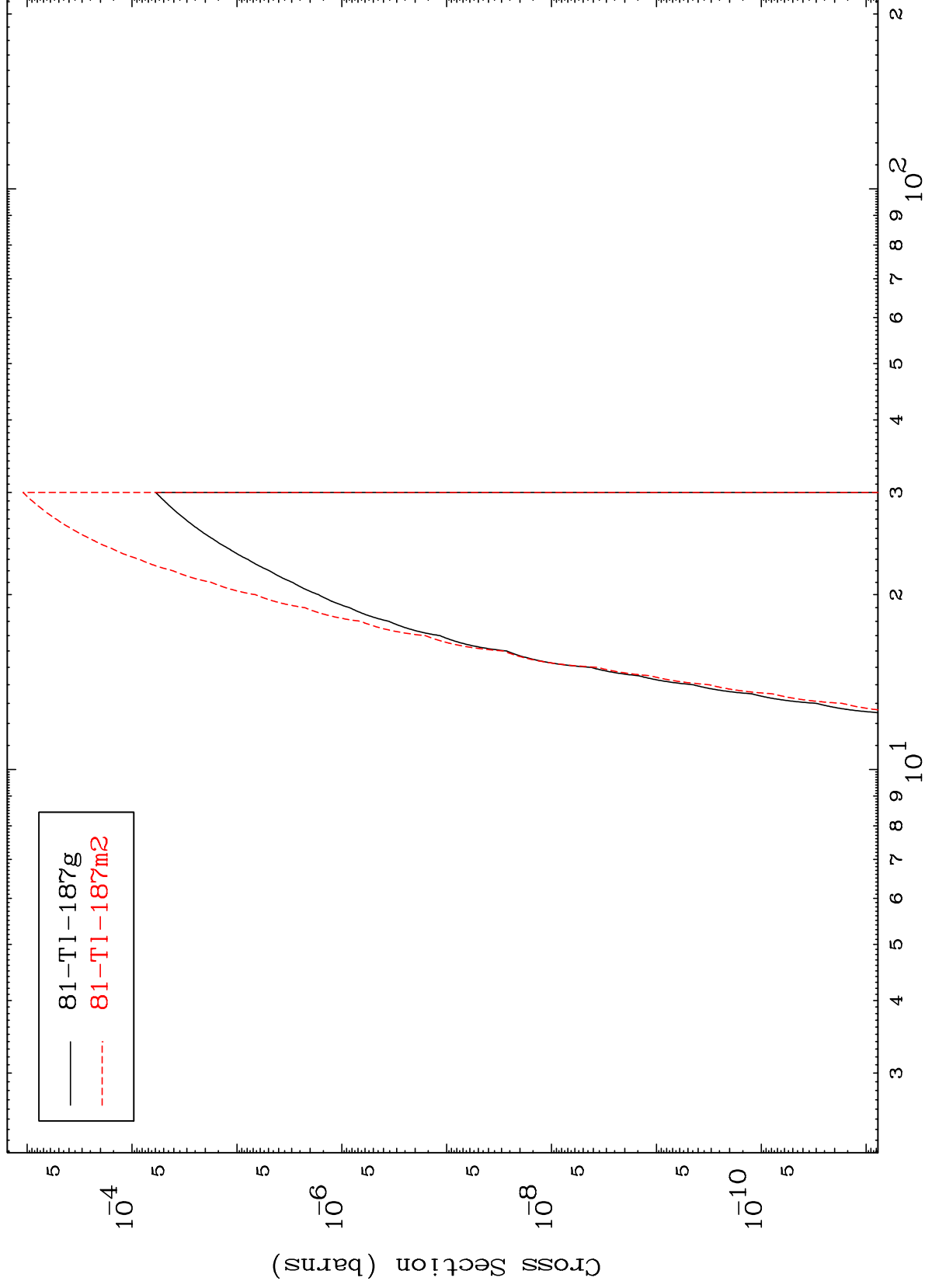
Incident Energy (MeV)

83-Bi-190

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83-Bi-190

(n,p) t
Radionuclide Production Cross Section



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Incident Energy (MeV)

83-Bi-190

