

Program EVALPLOT
(Version 2021-1)

by

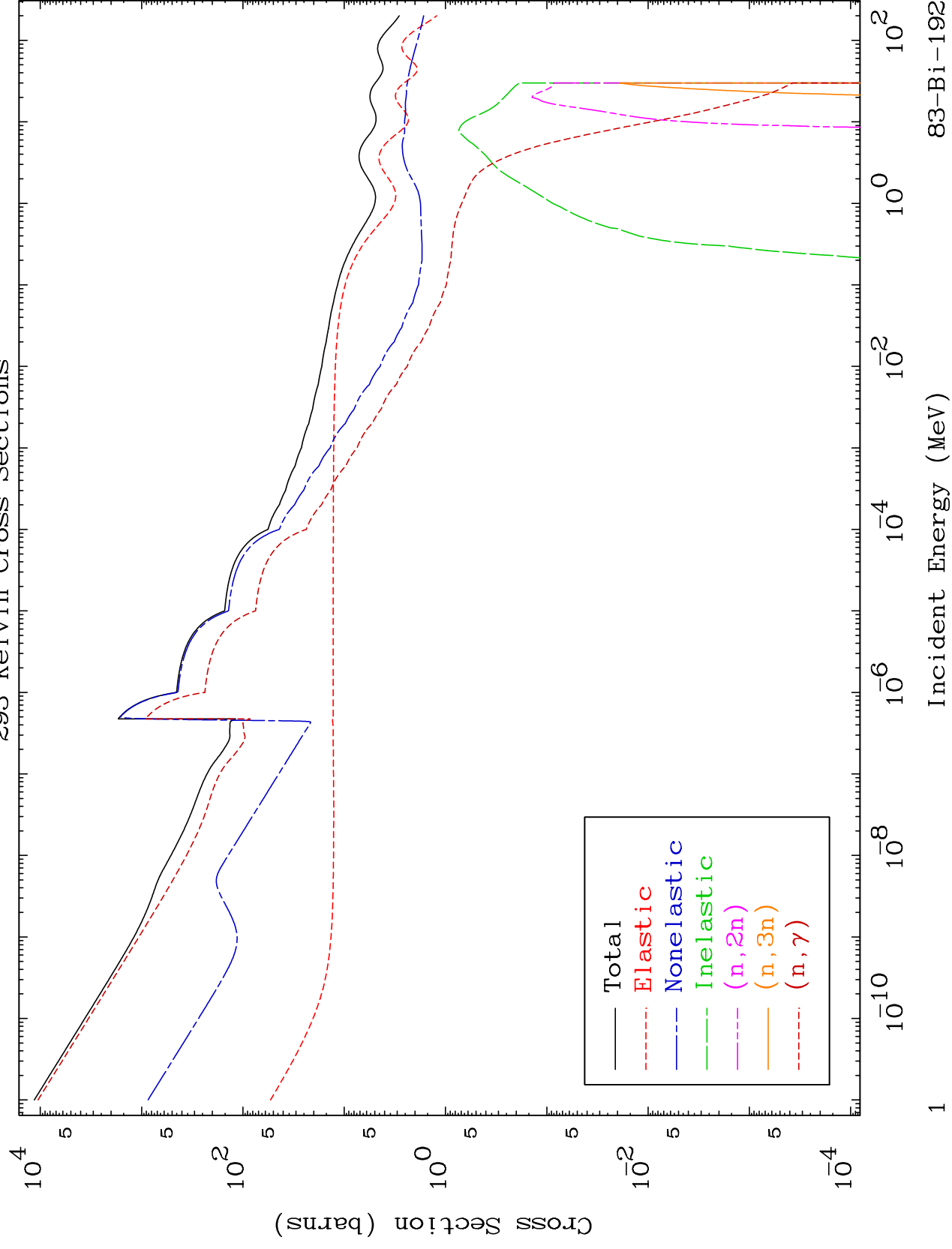
Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

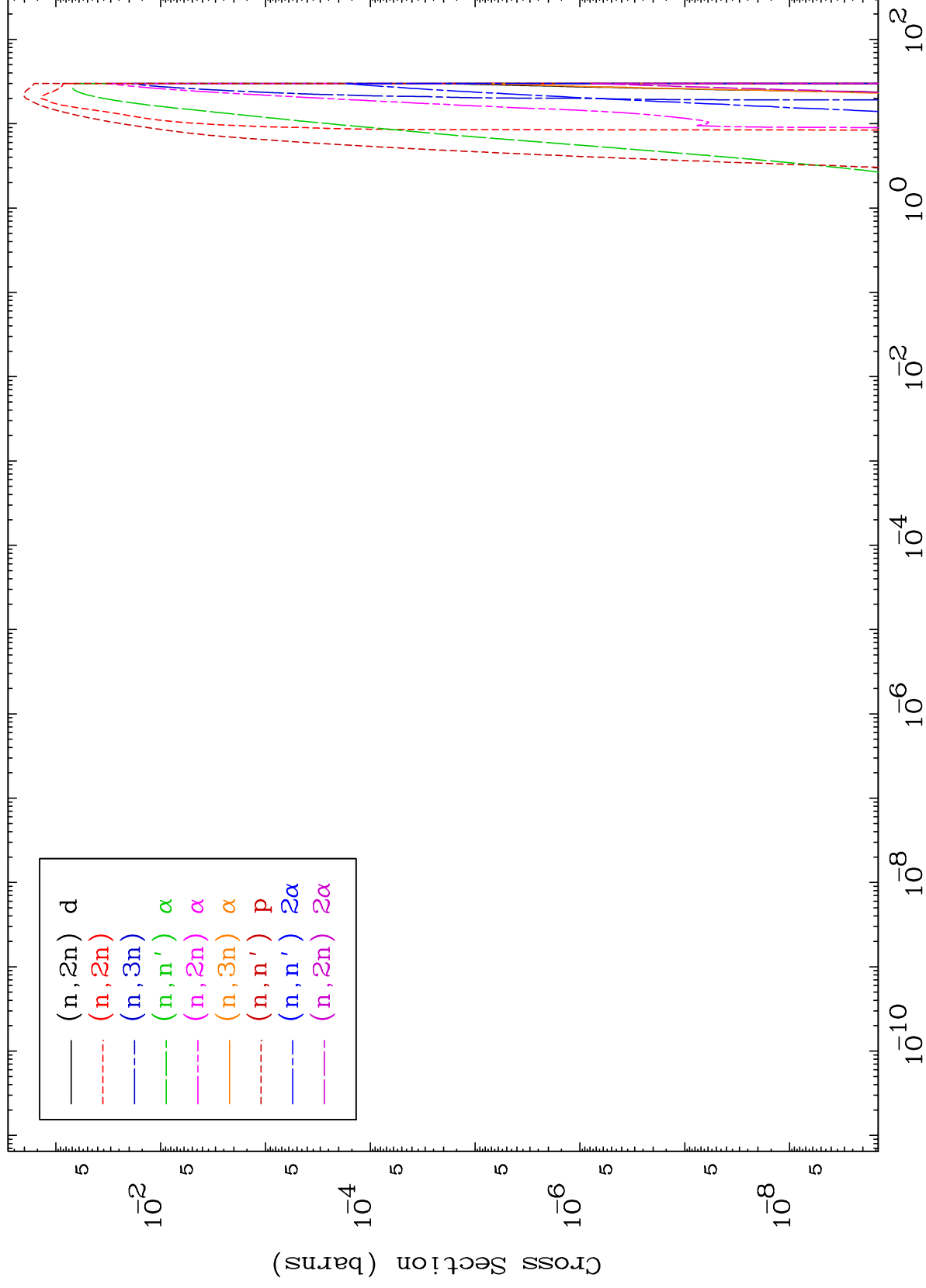
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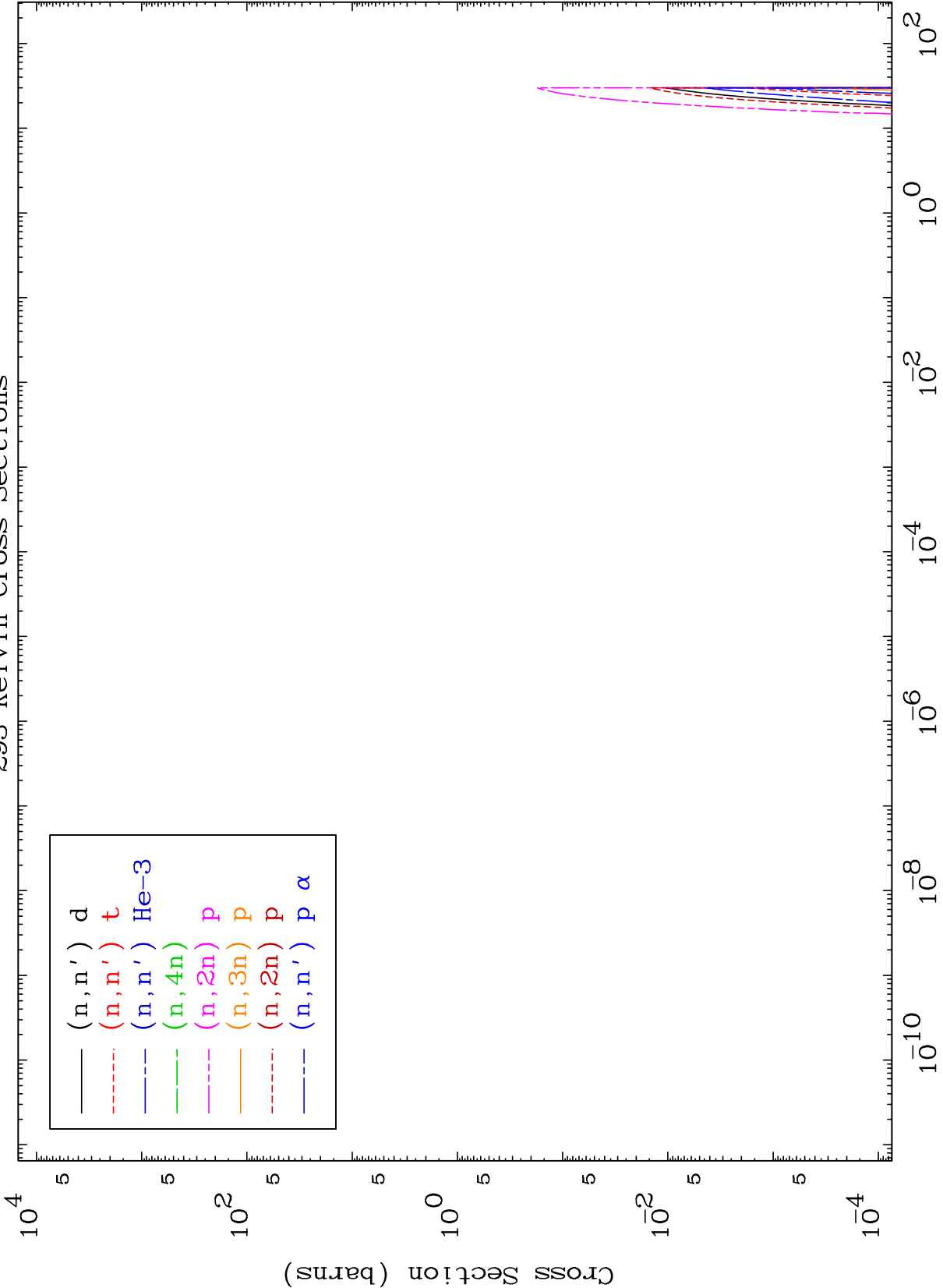


MAT 8274

Neutron Absorption
293 Kelvin Cross Sections

83-Bi-192

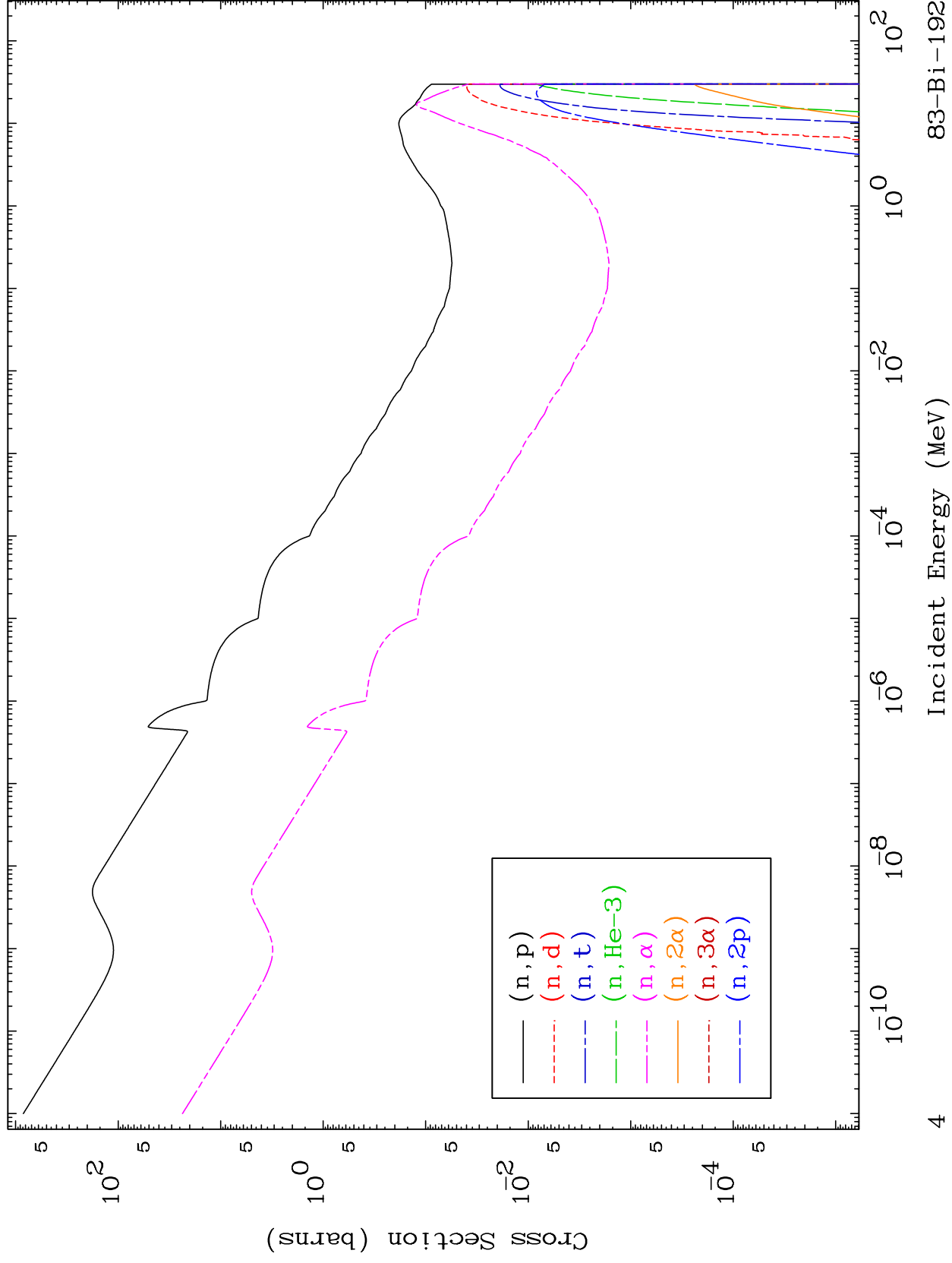


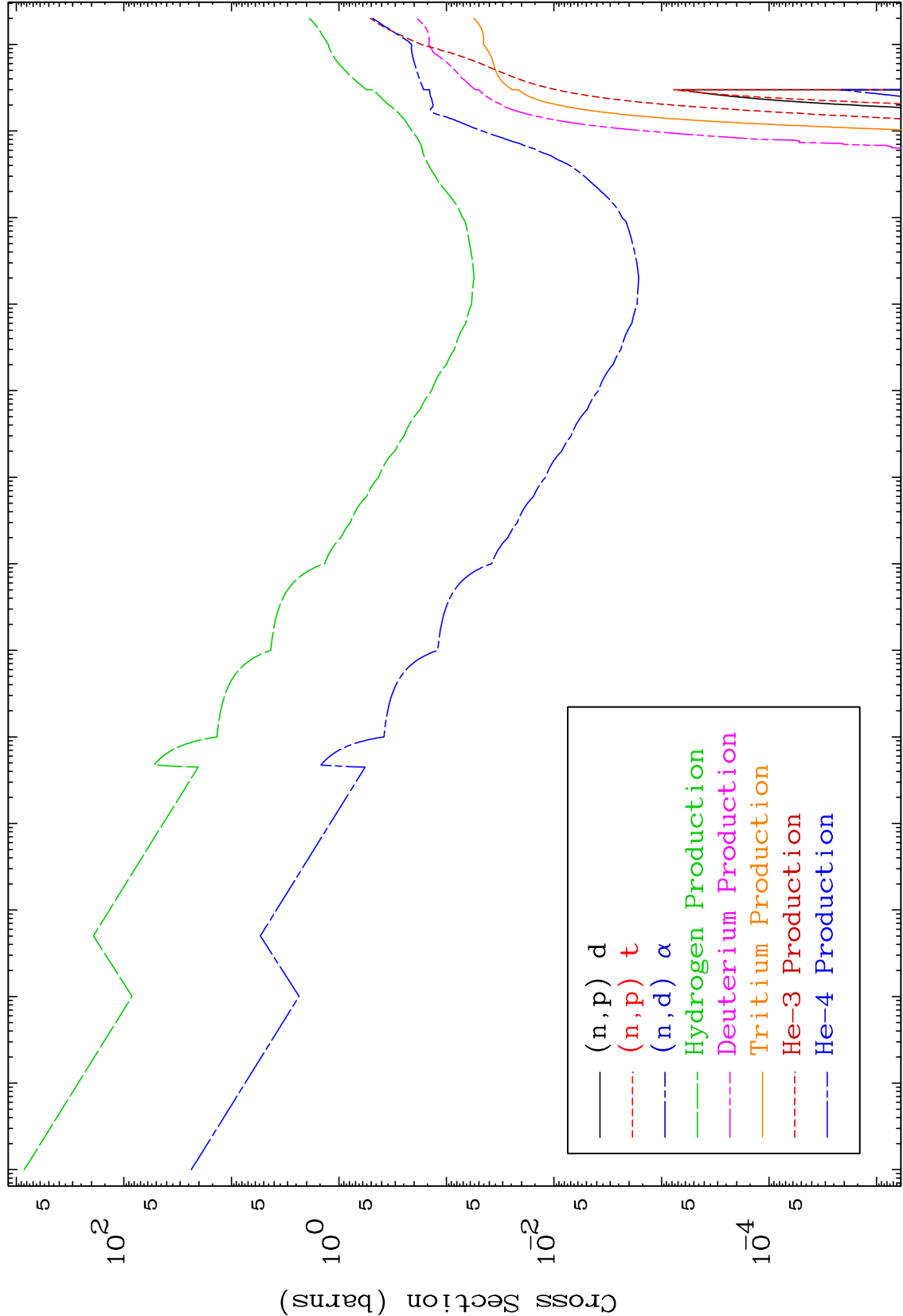


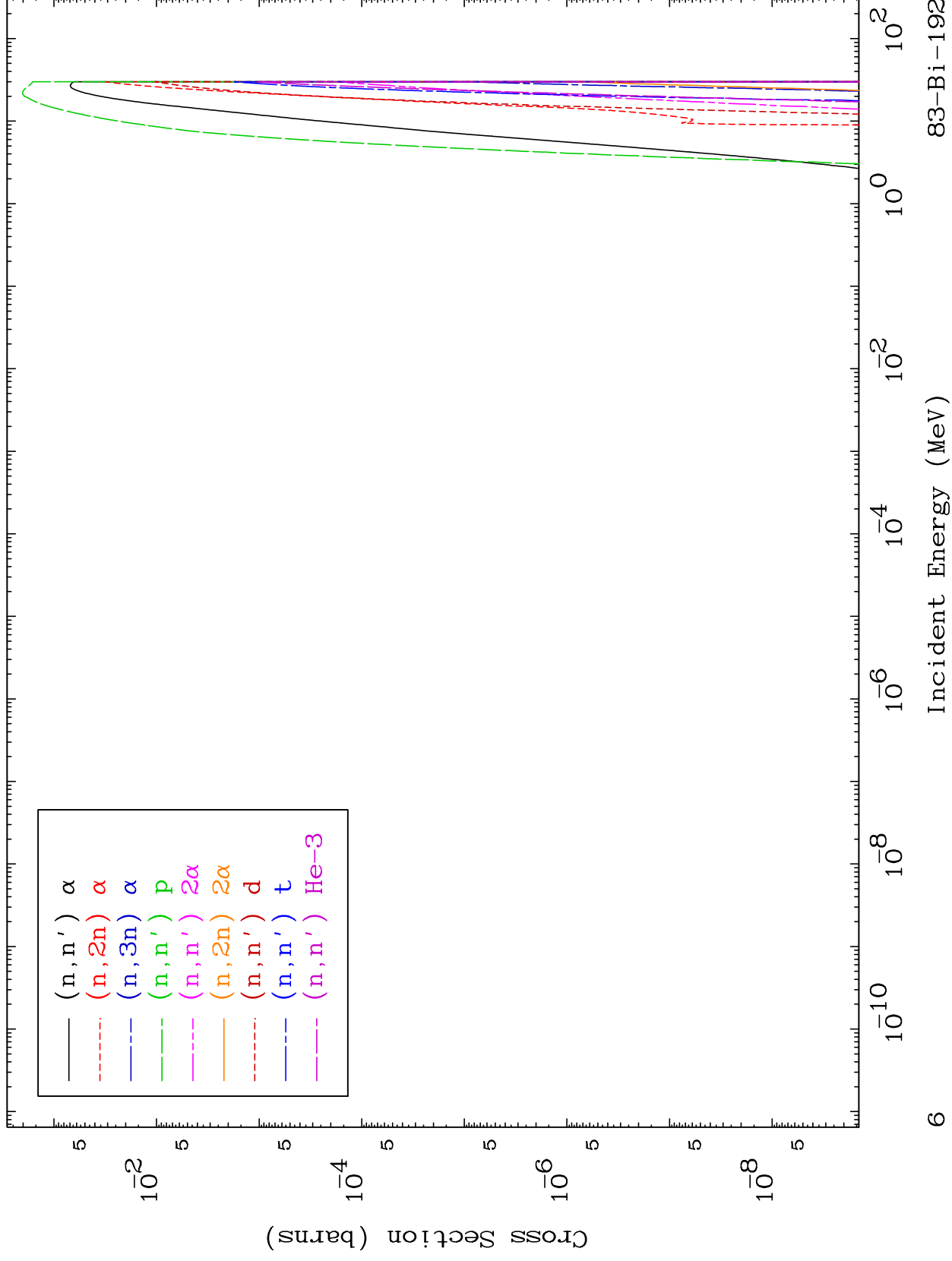
MAT 8274

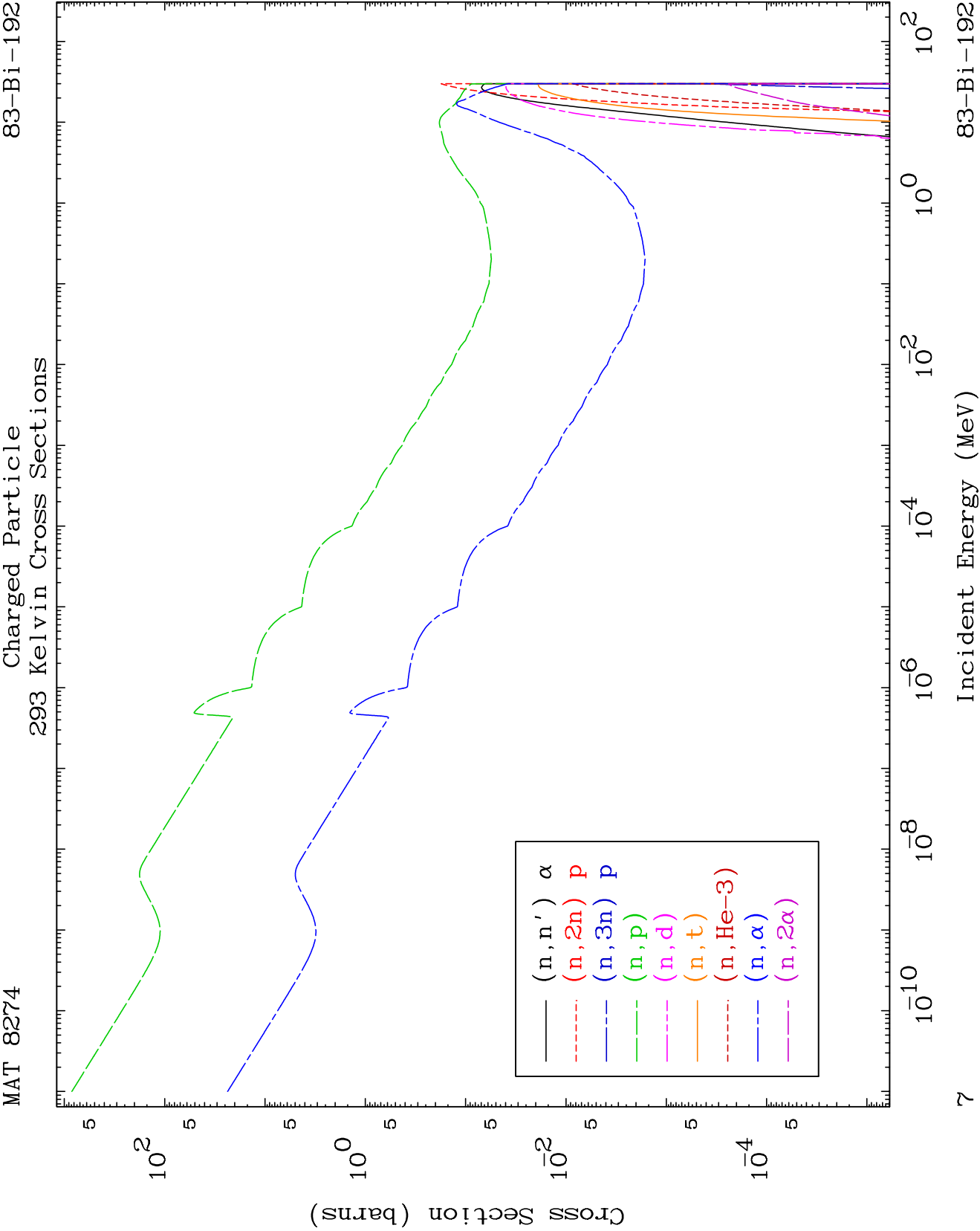
Neutron Absorption
293 Kelvin Cross Sections

83-Bi-192





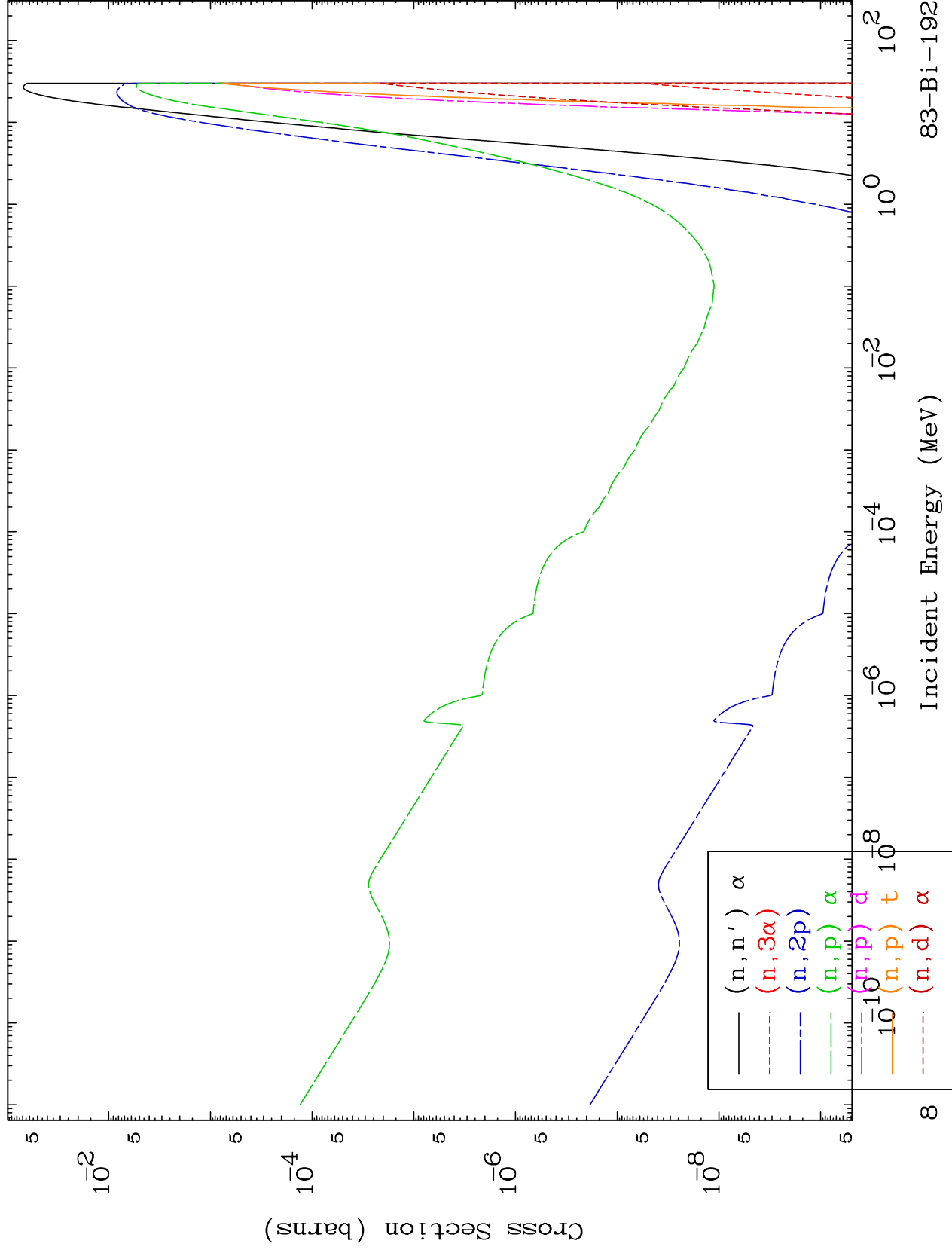


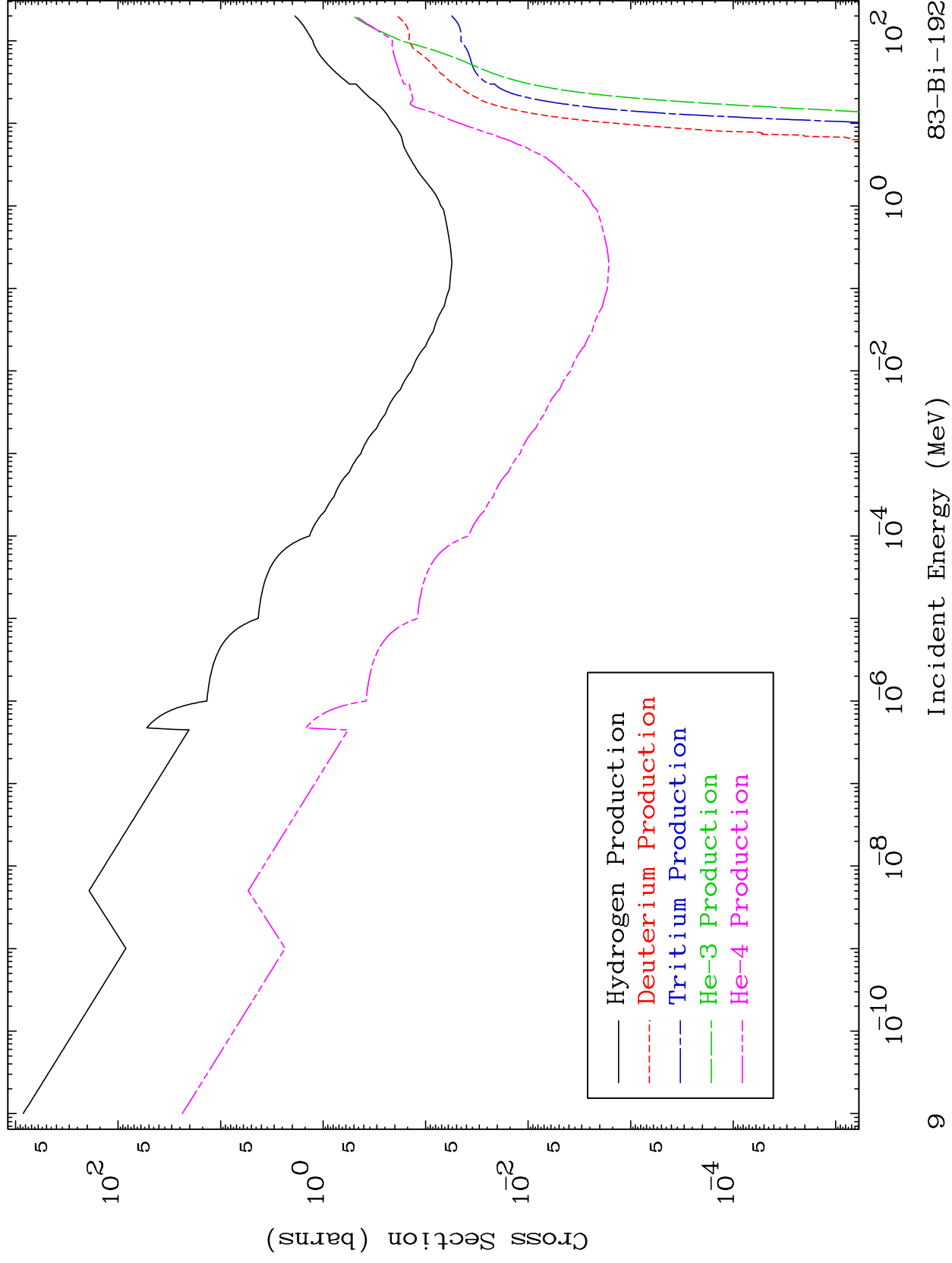


MAT 8274

Charged Particle
293 Kelvin Cross Sections

83-Bi-192

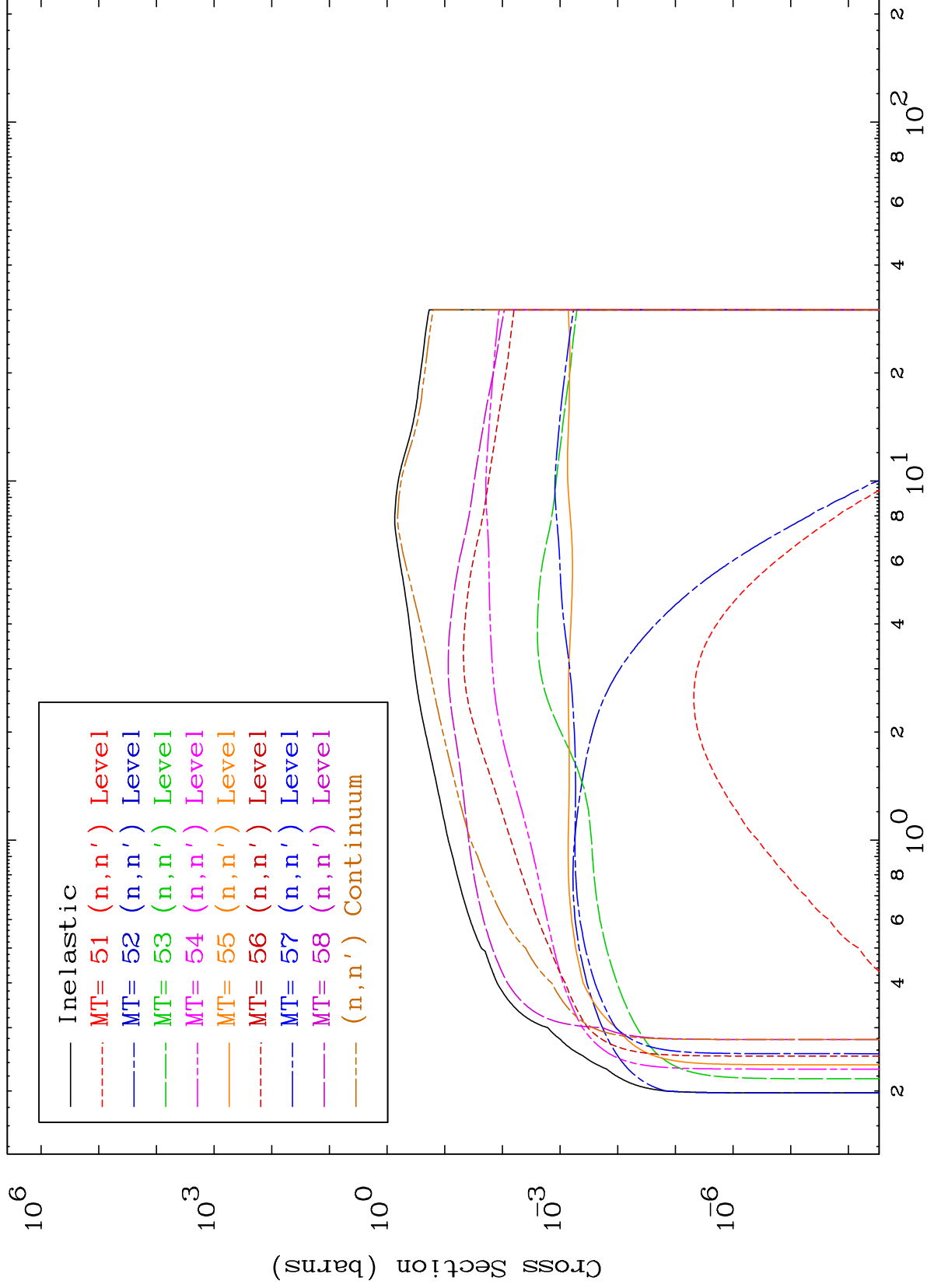




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83-Bi-192

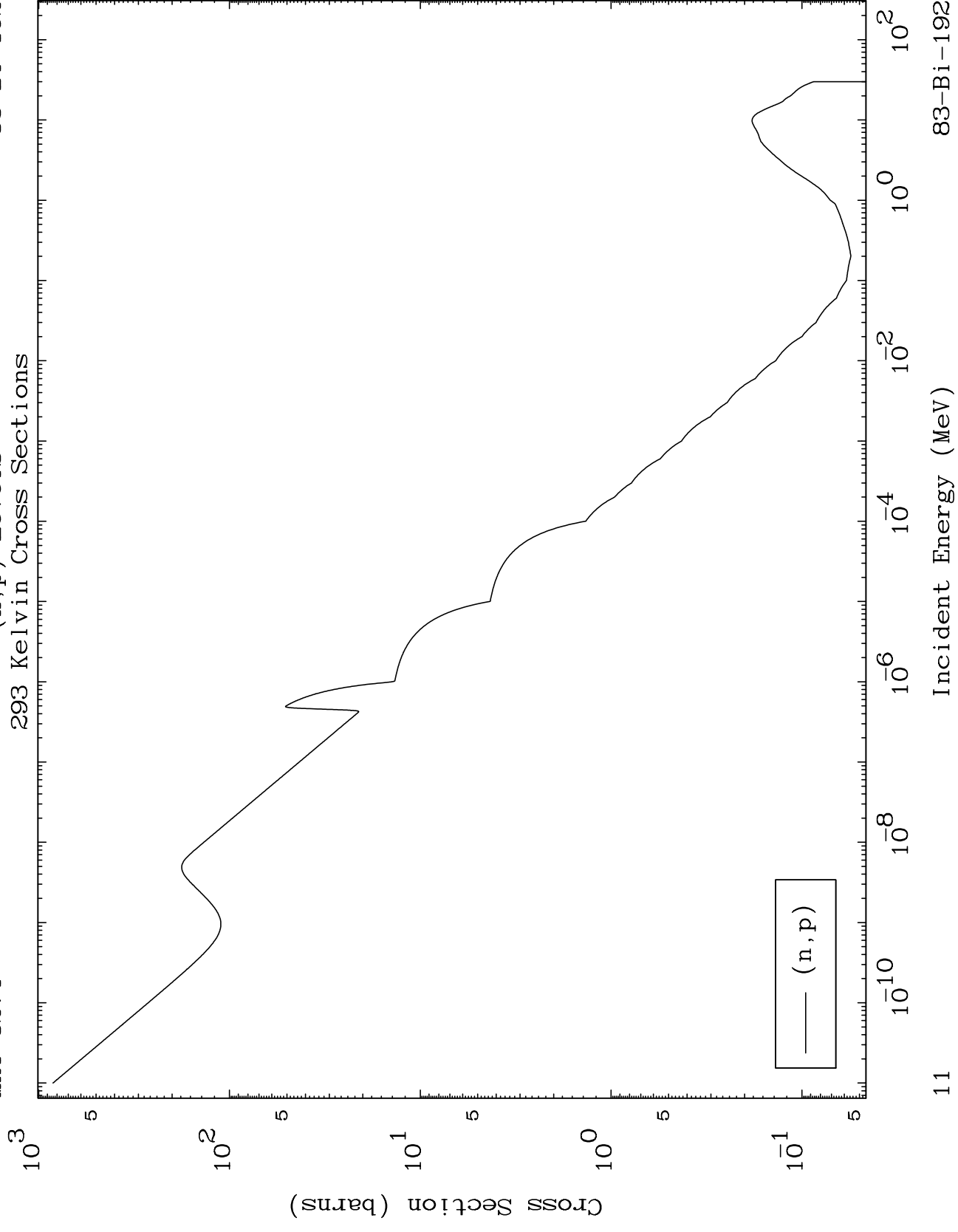
(n,n') Levels
293 Kelvin Cross Sections



10

Incident Energy (MeV)

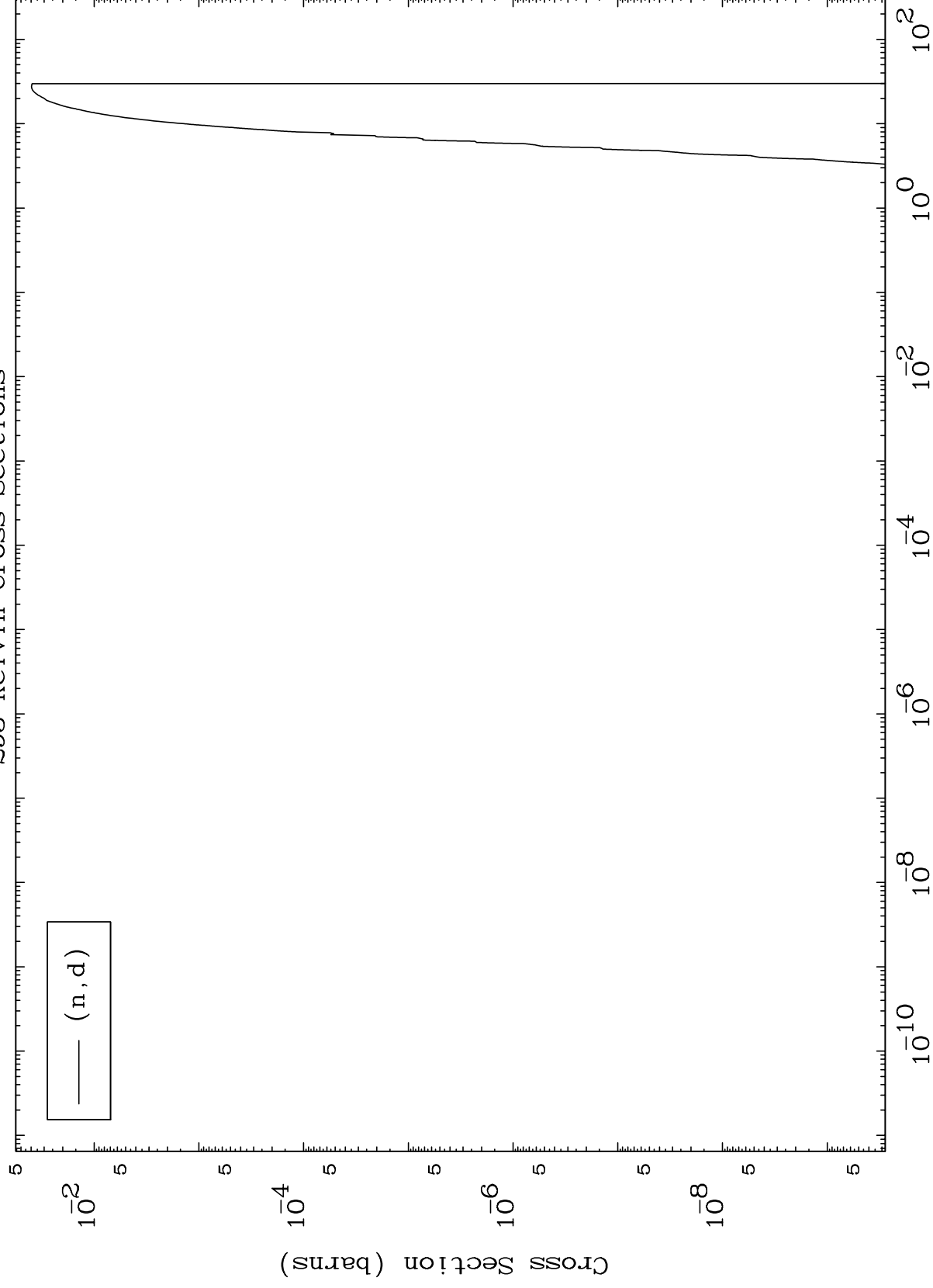
83-Bi-192



MAT 8274

(n,d) Levels
293 Kelvin Cross Sections

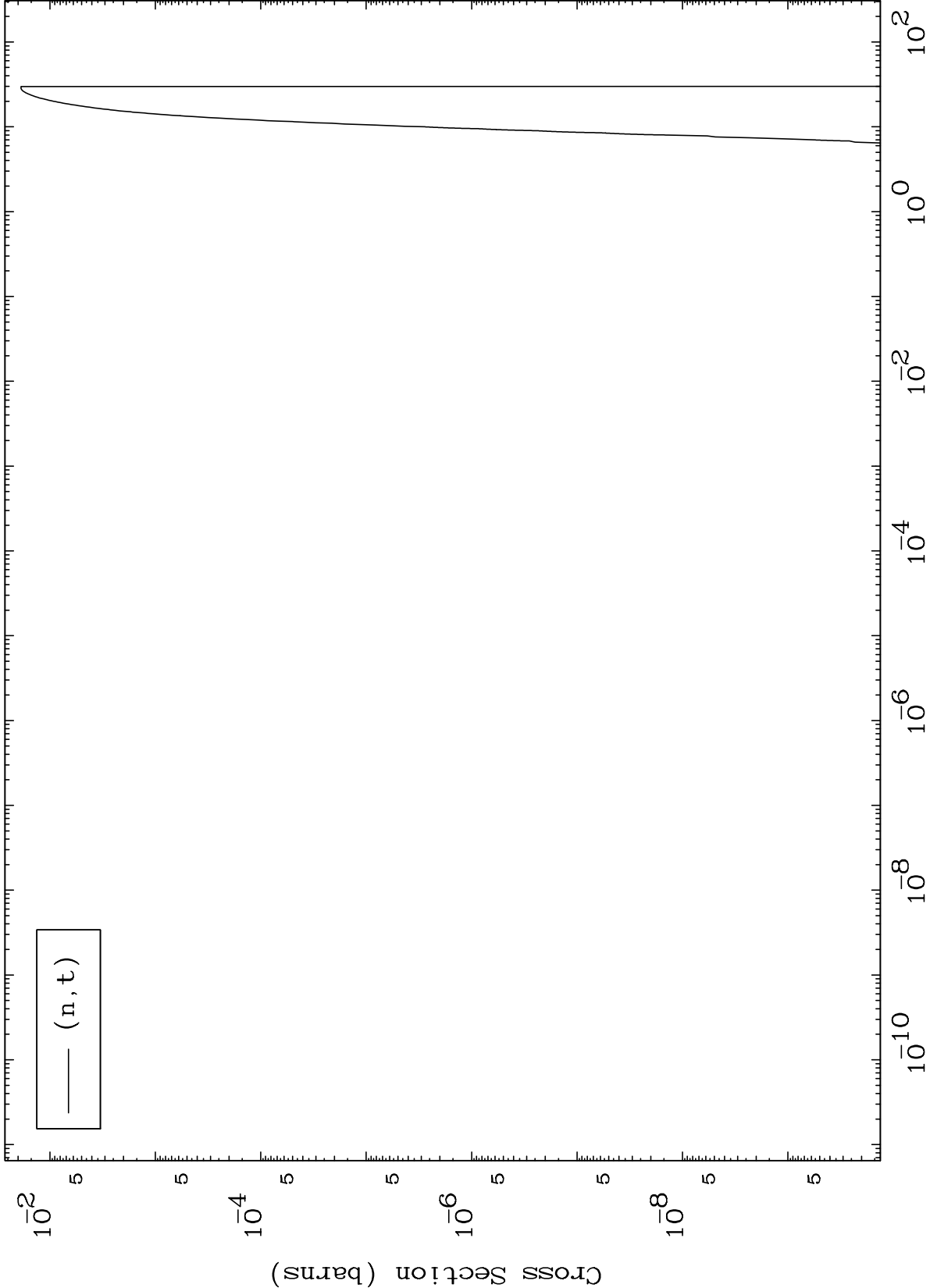
83-Bi-192



12

Incident Energy (MeV)

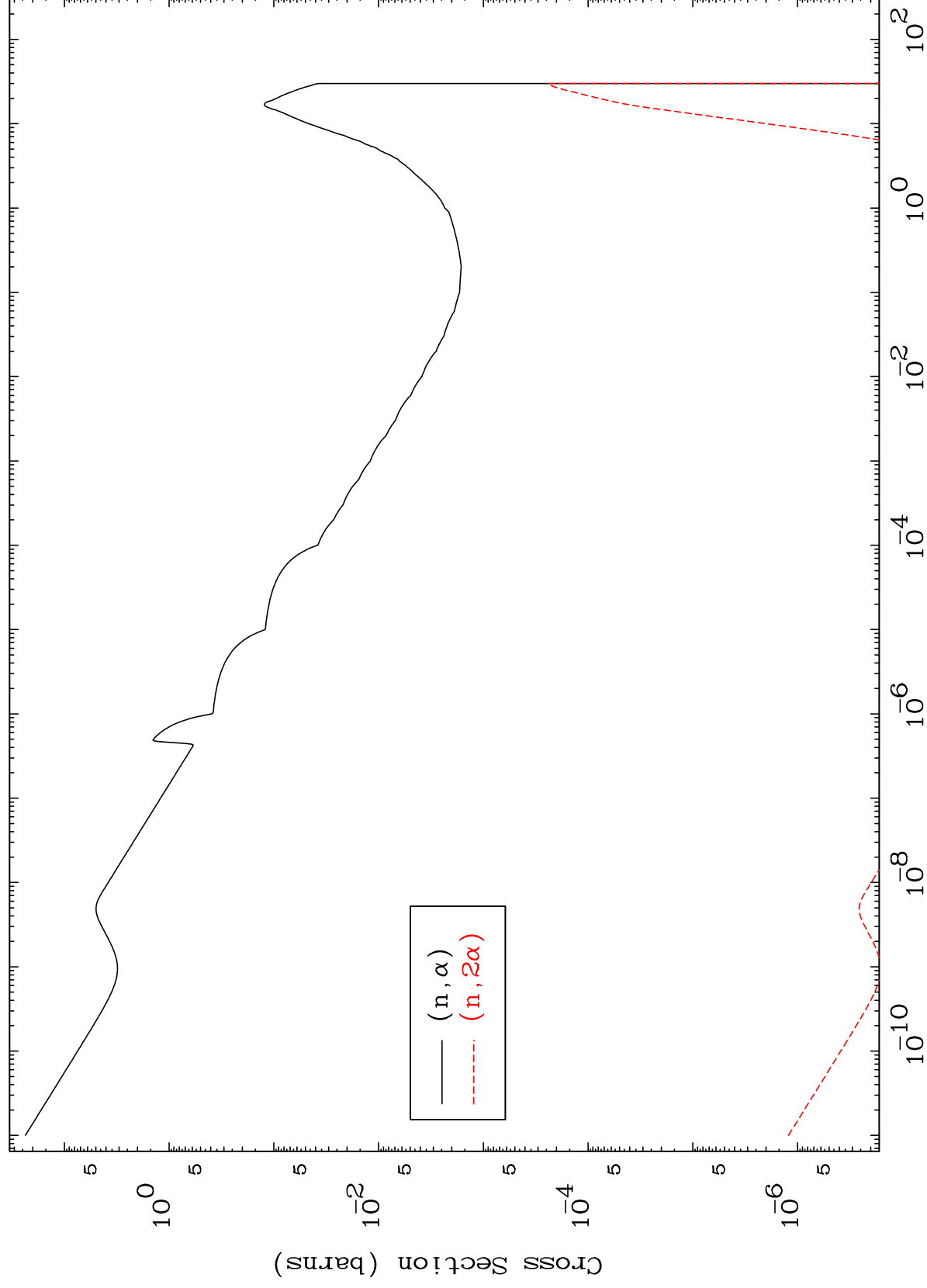
83-Bi-192



MAT 8274

(n, α) Levels
293 Kelvin Cross Sections

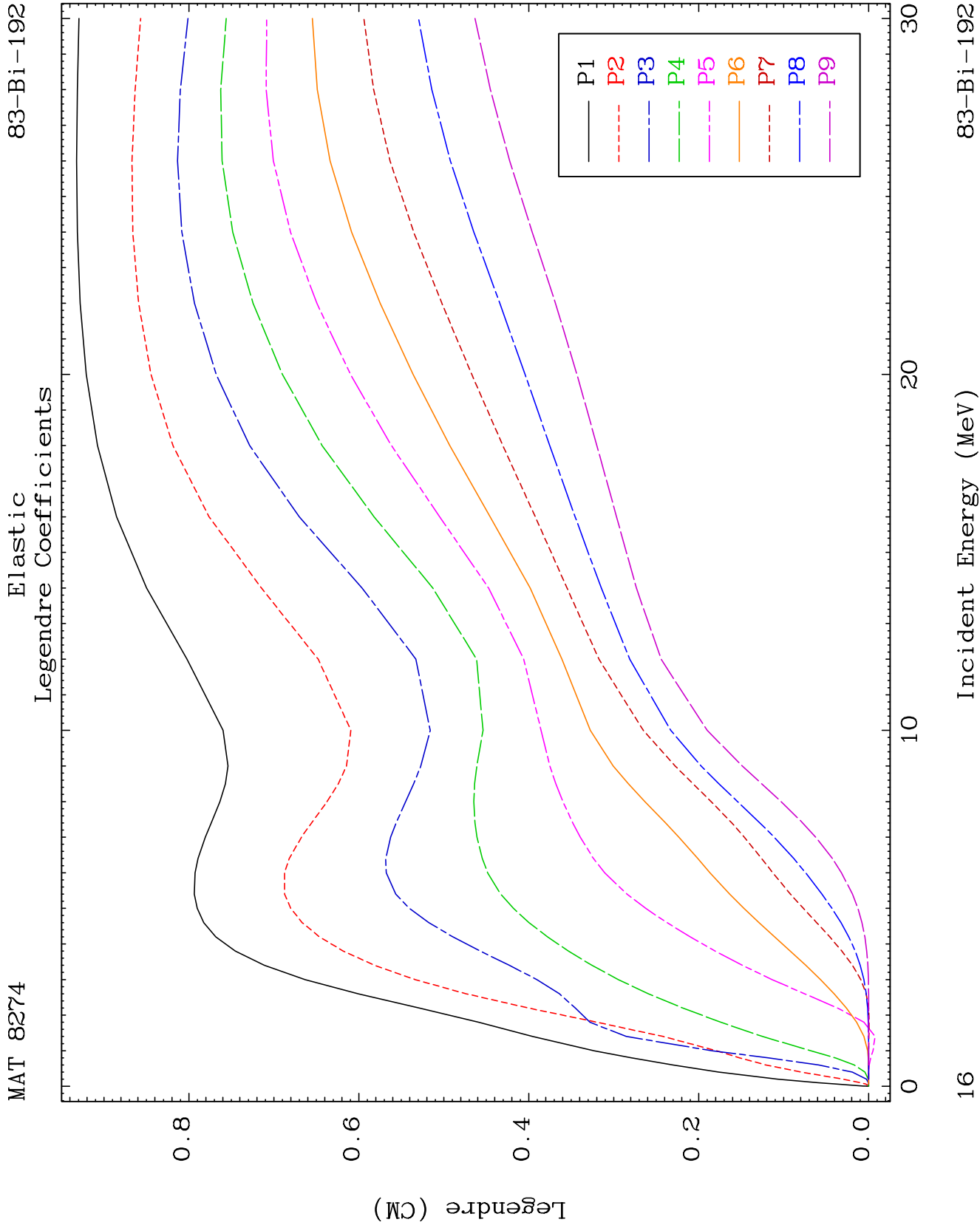
83-Bi-192

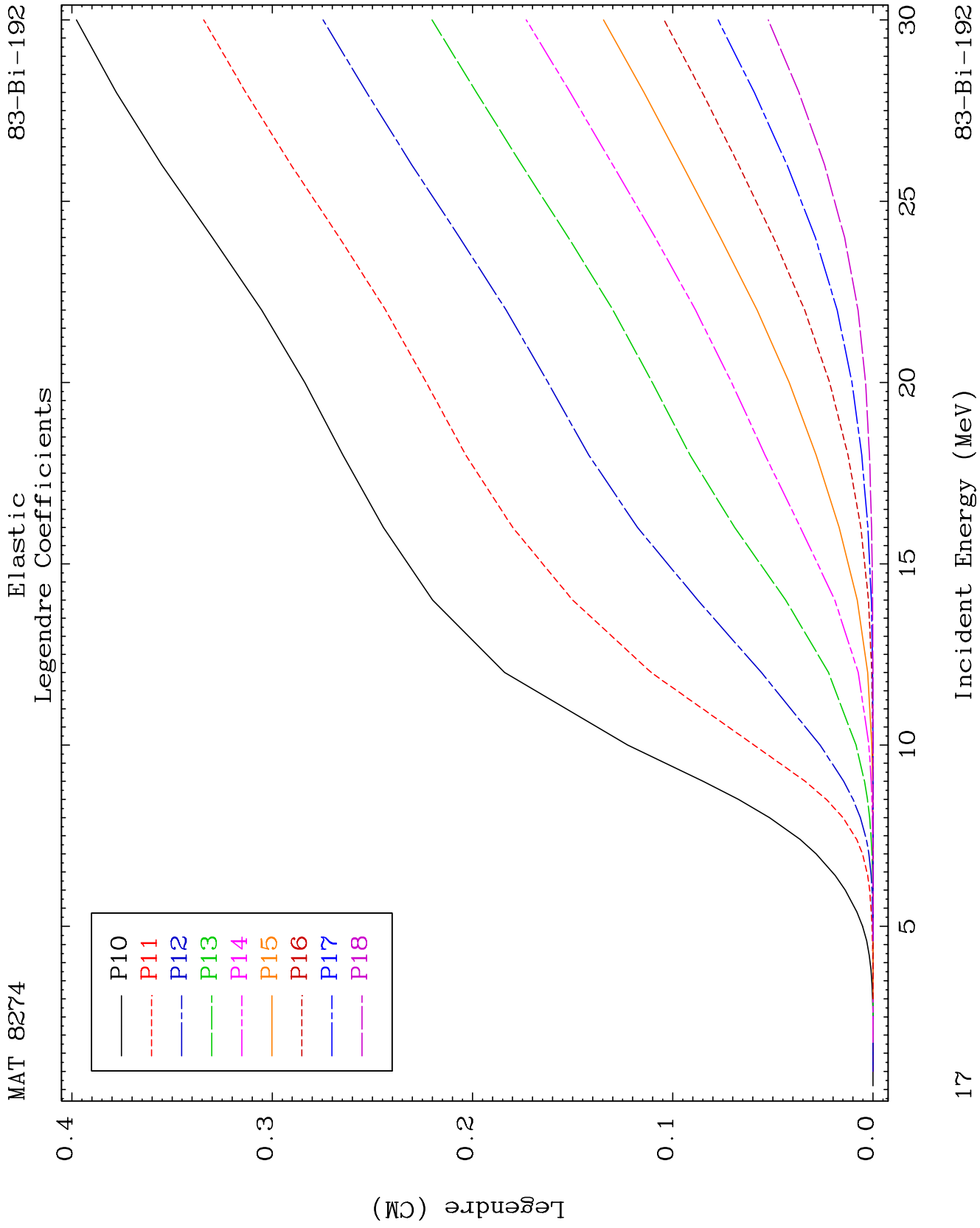


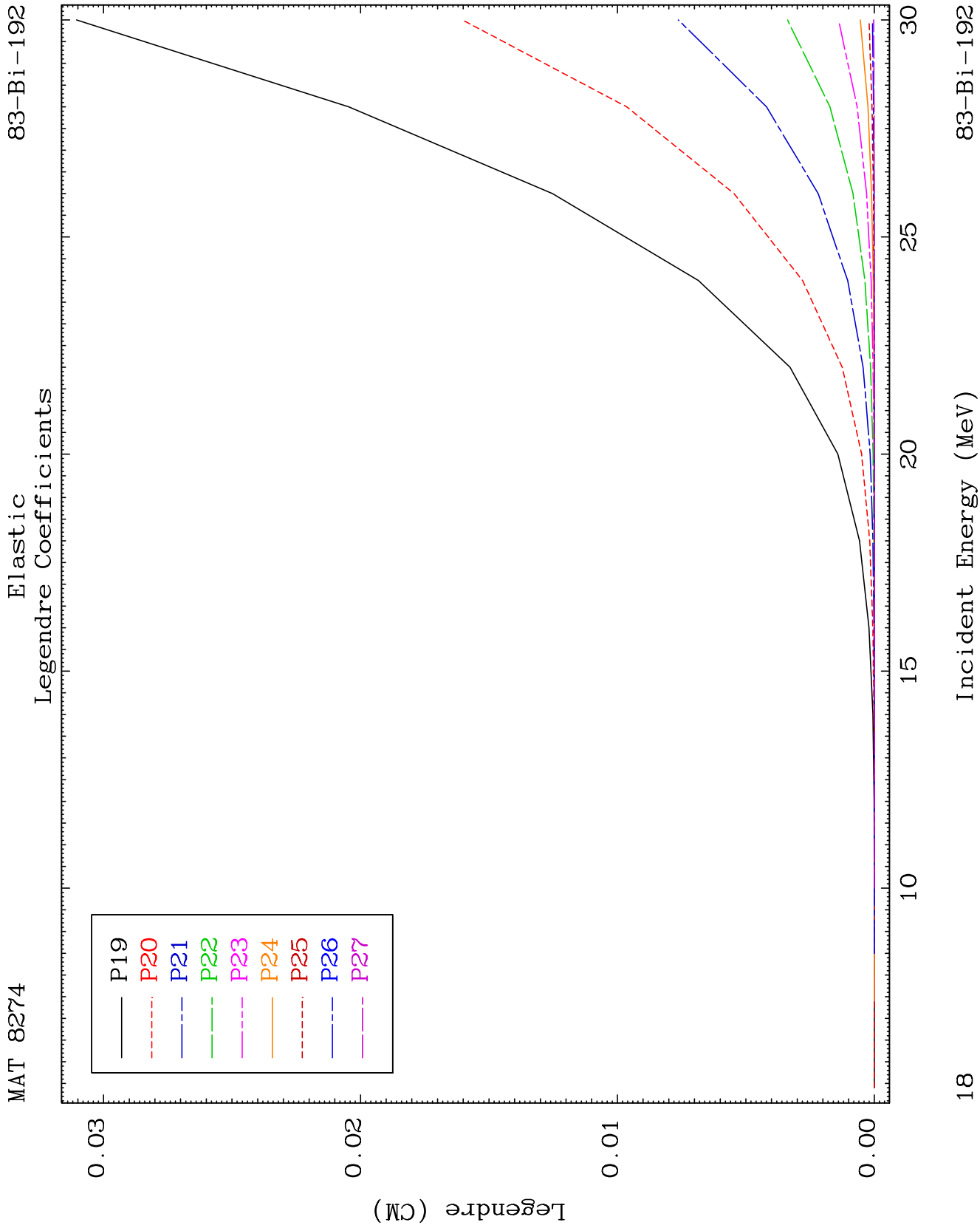
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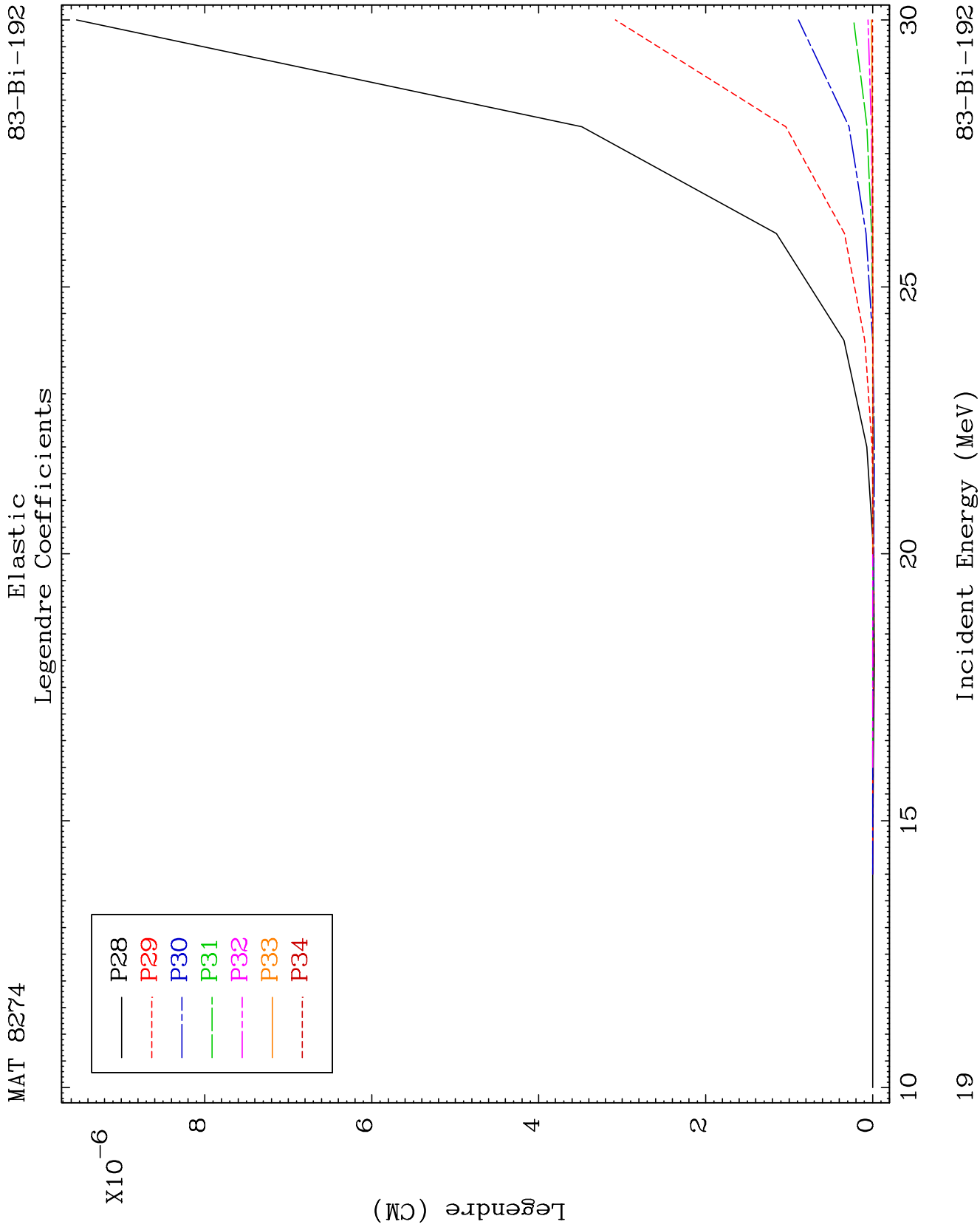
Incident Energy (MeV)

83-Bi-192





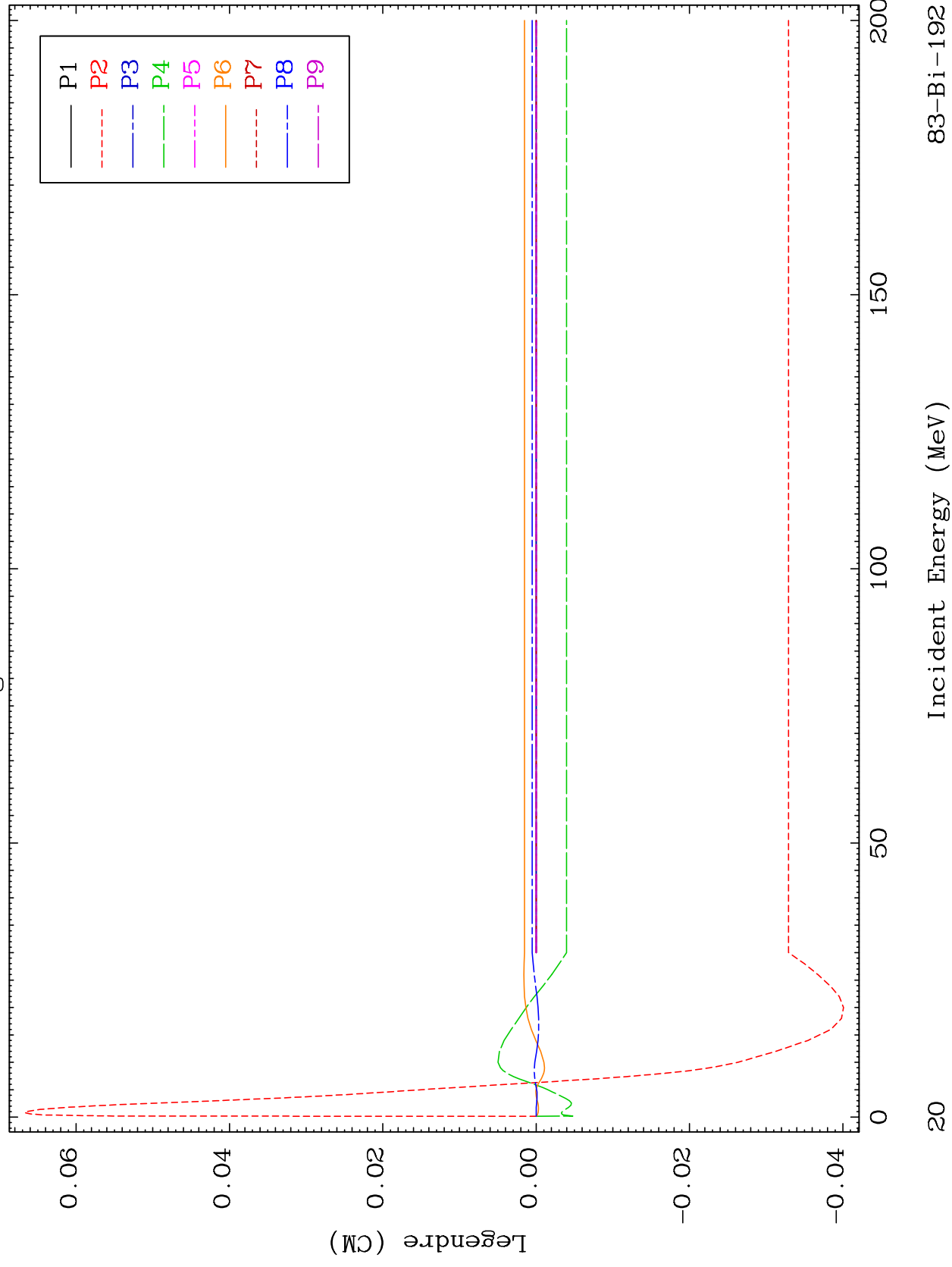




MAT 8274

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

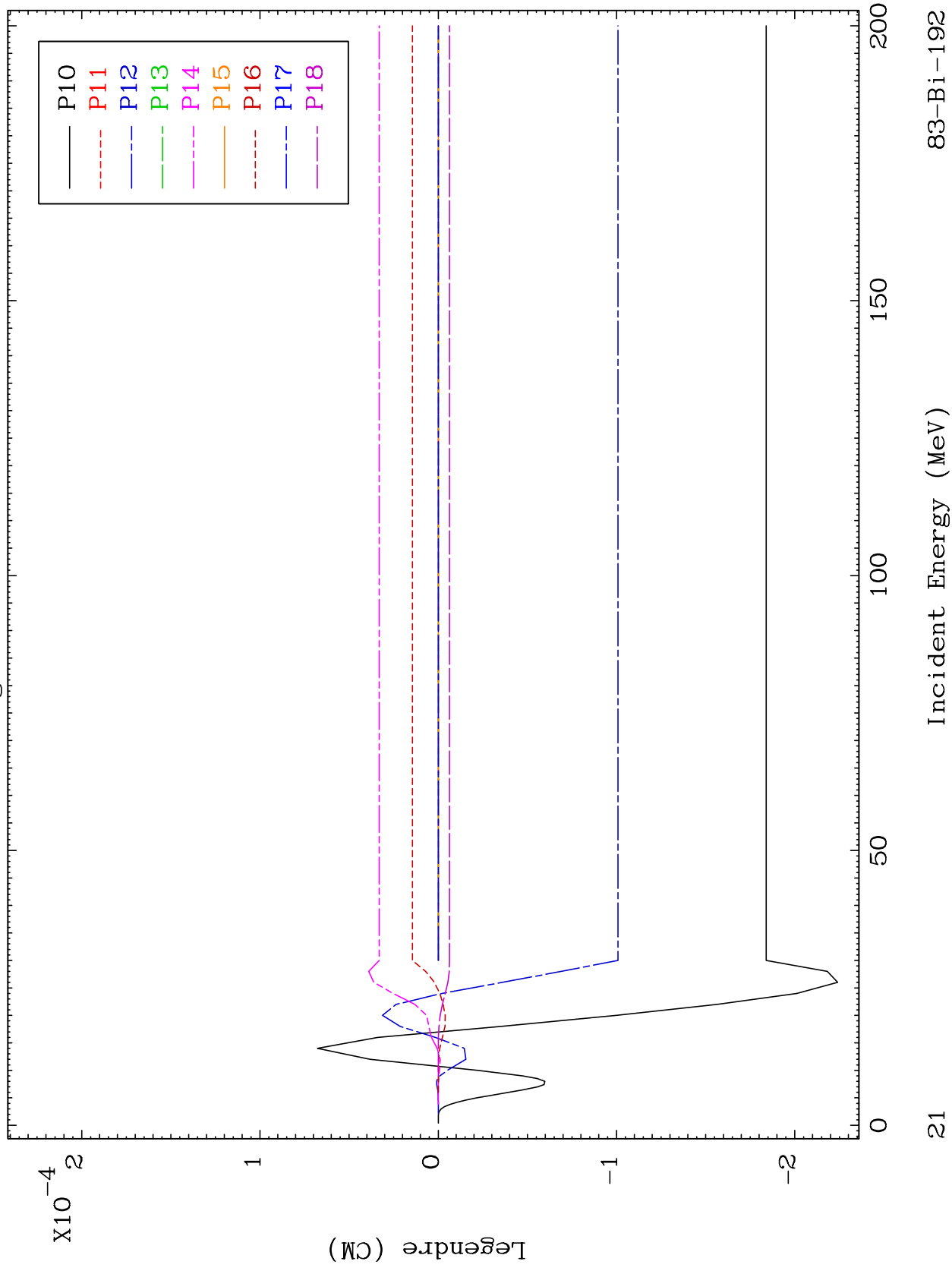
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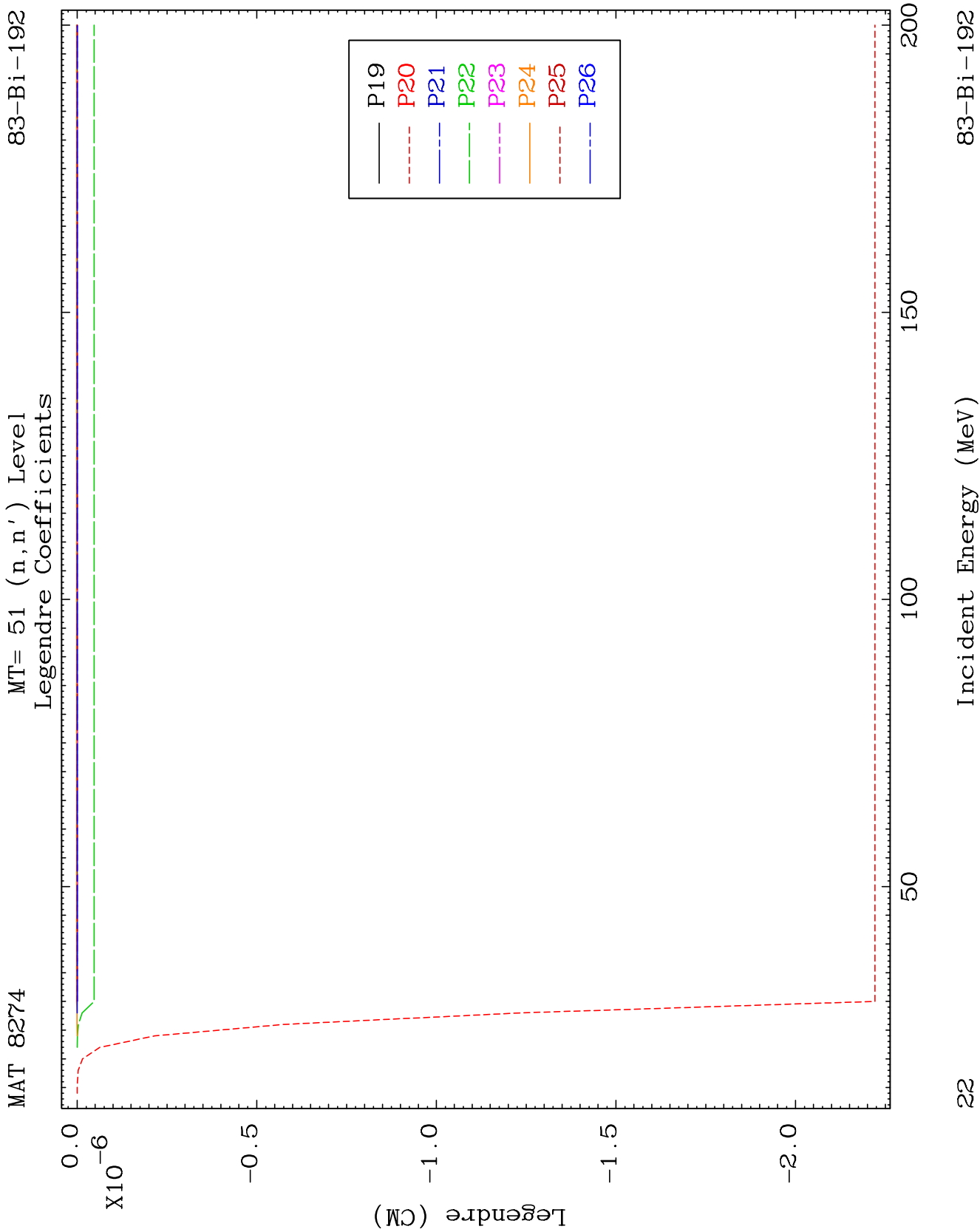


MAT 8274

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

83-Bi-192

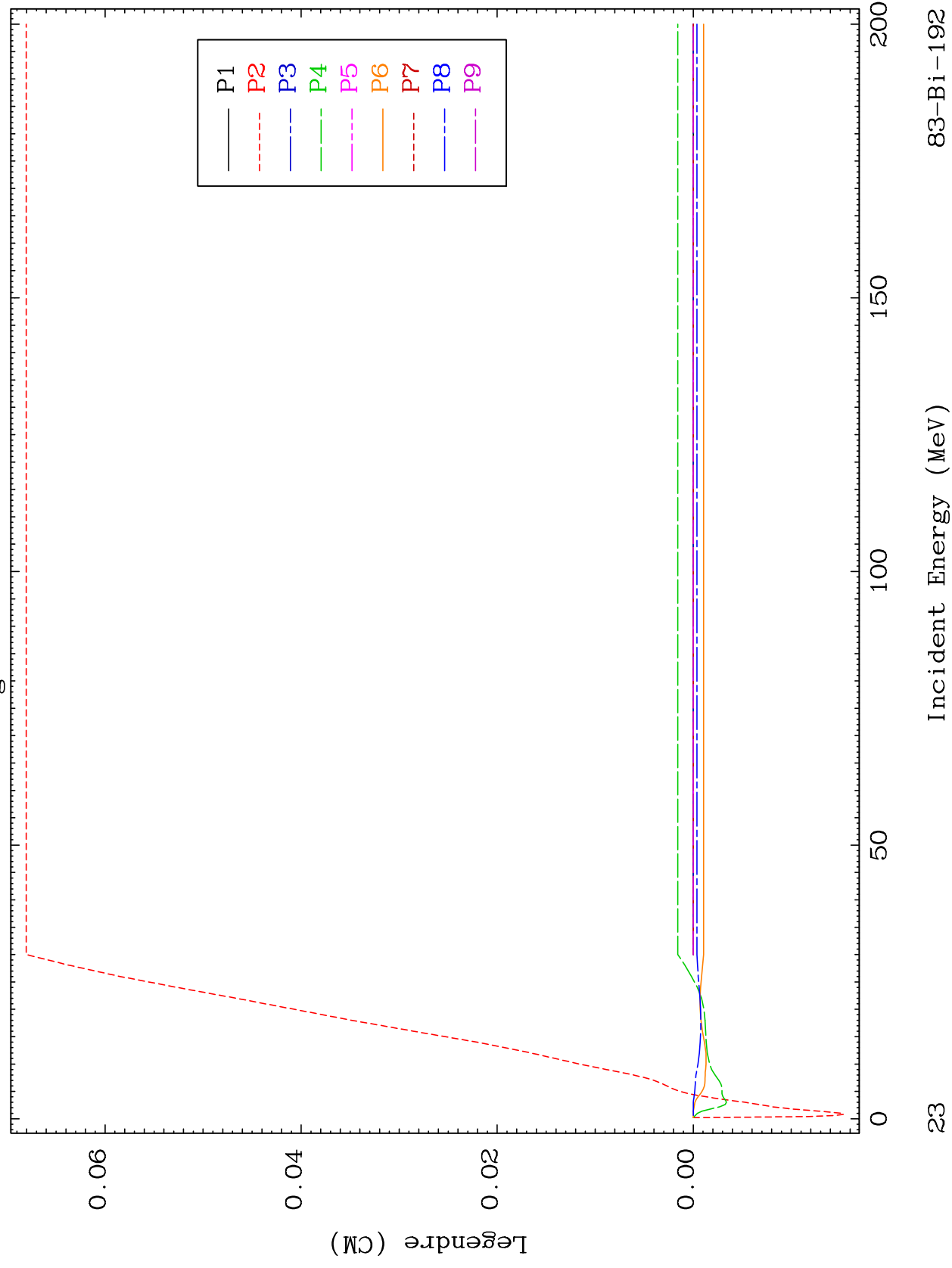


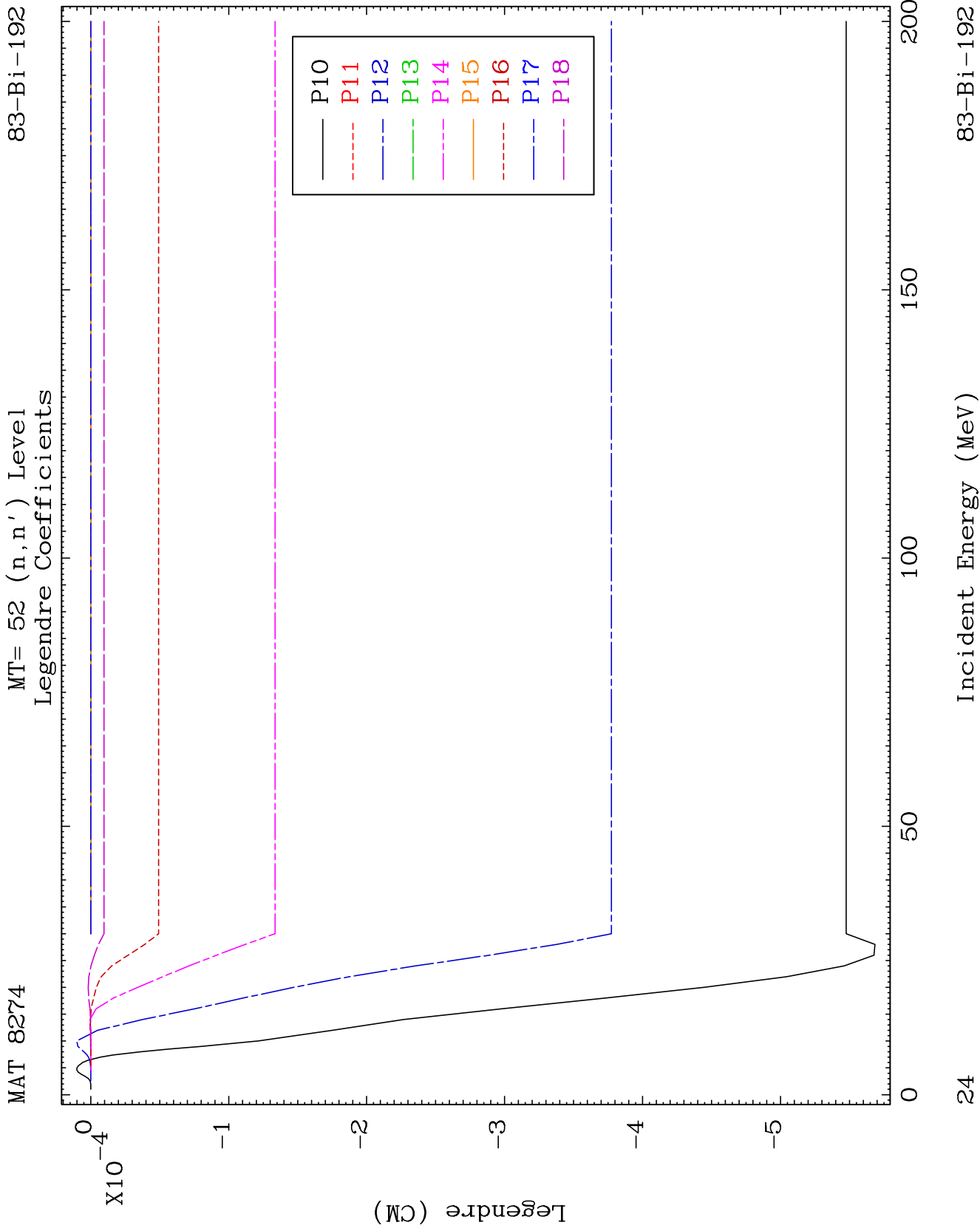


MAT 8274

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

83-Bi-192

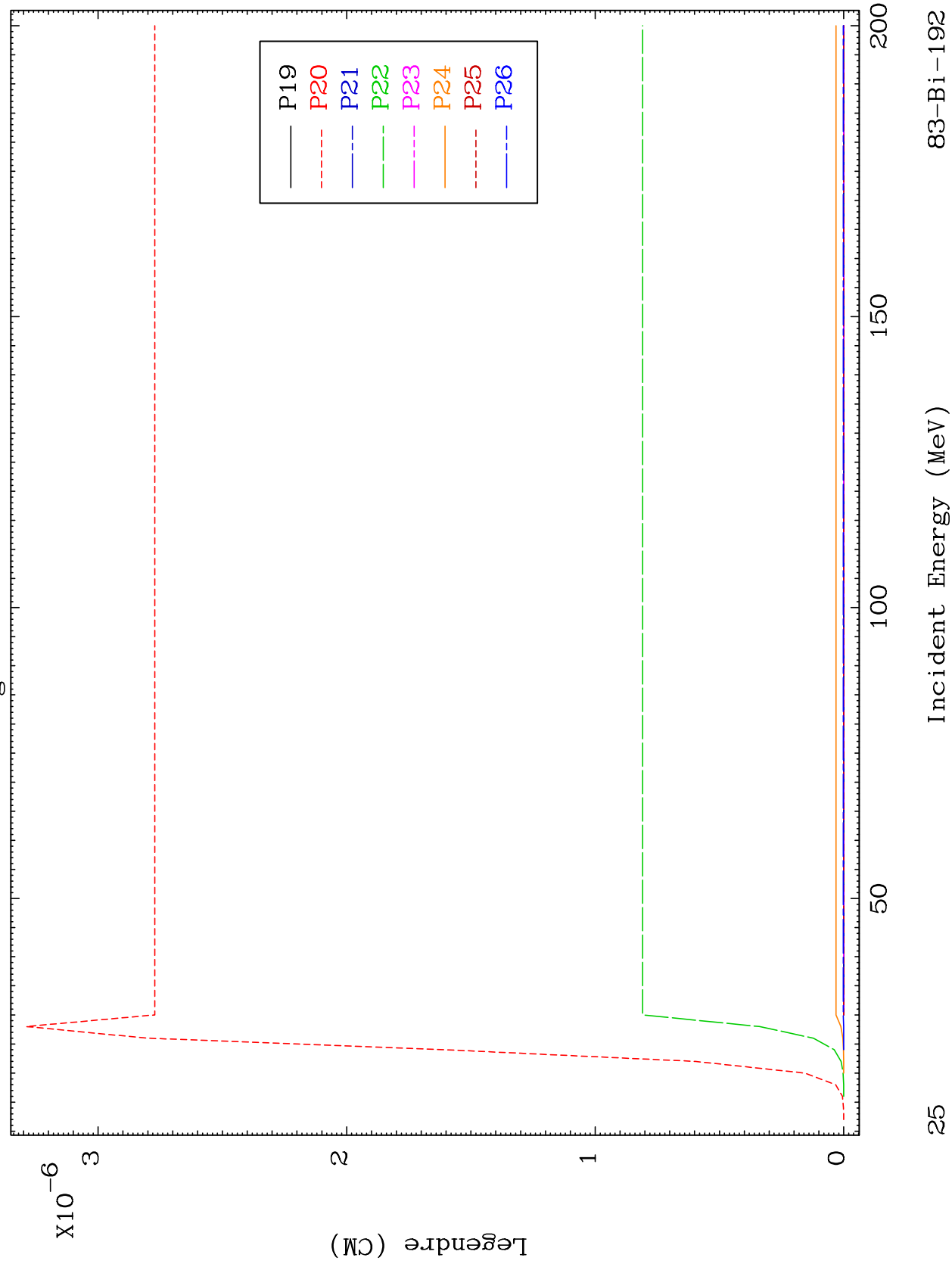


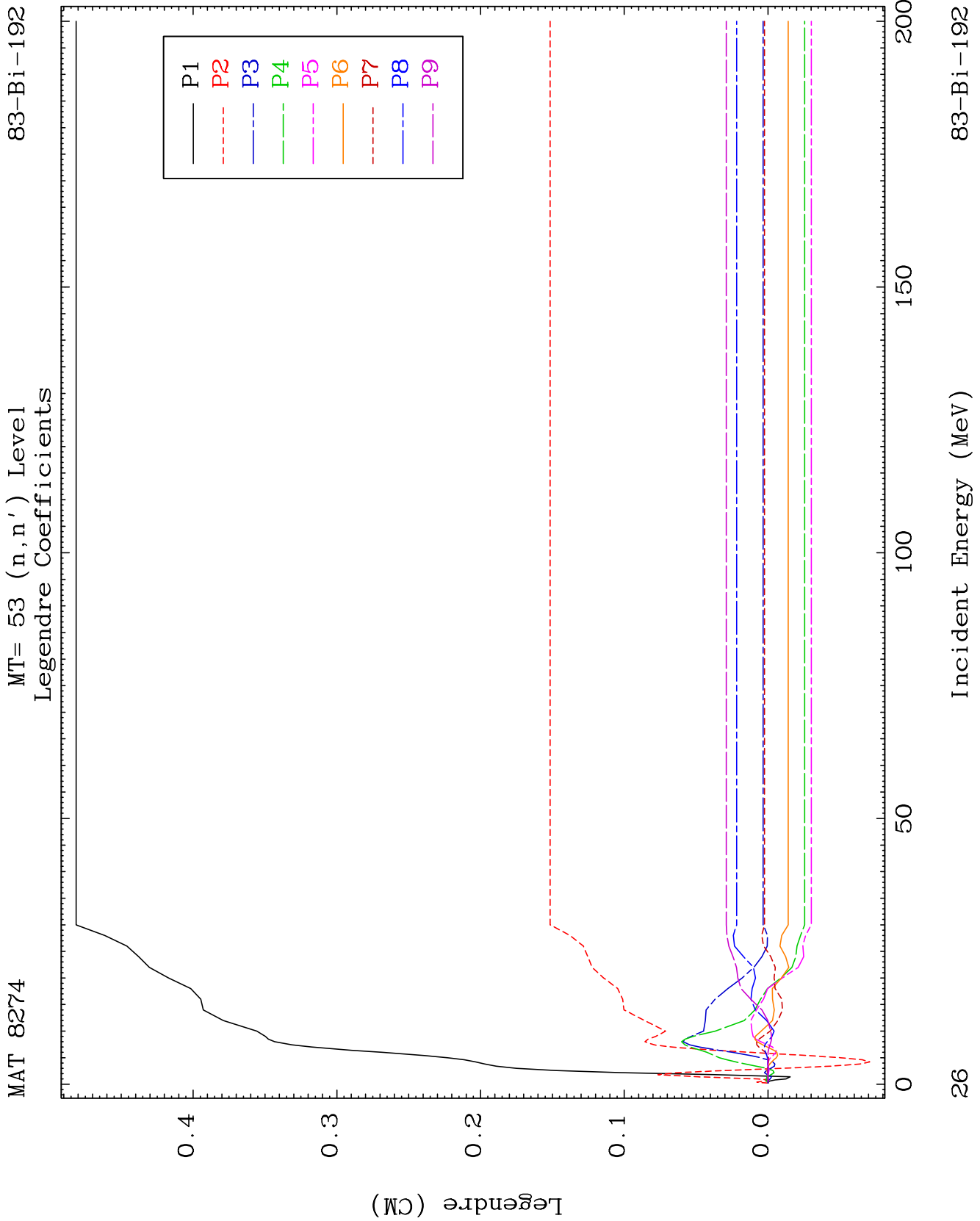


MAT 8274

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

83-Bi-192

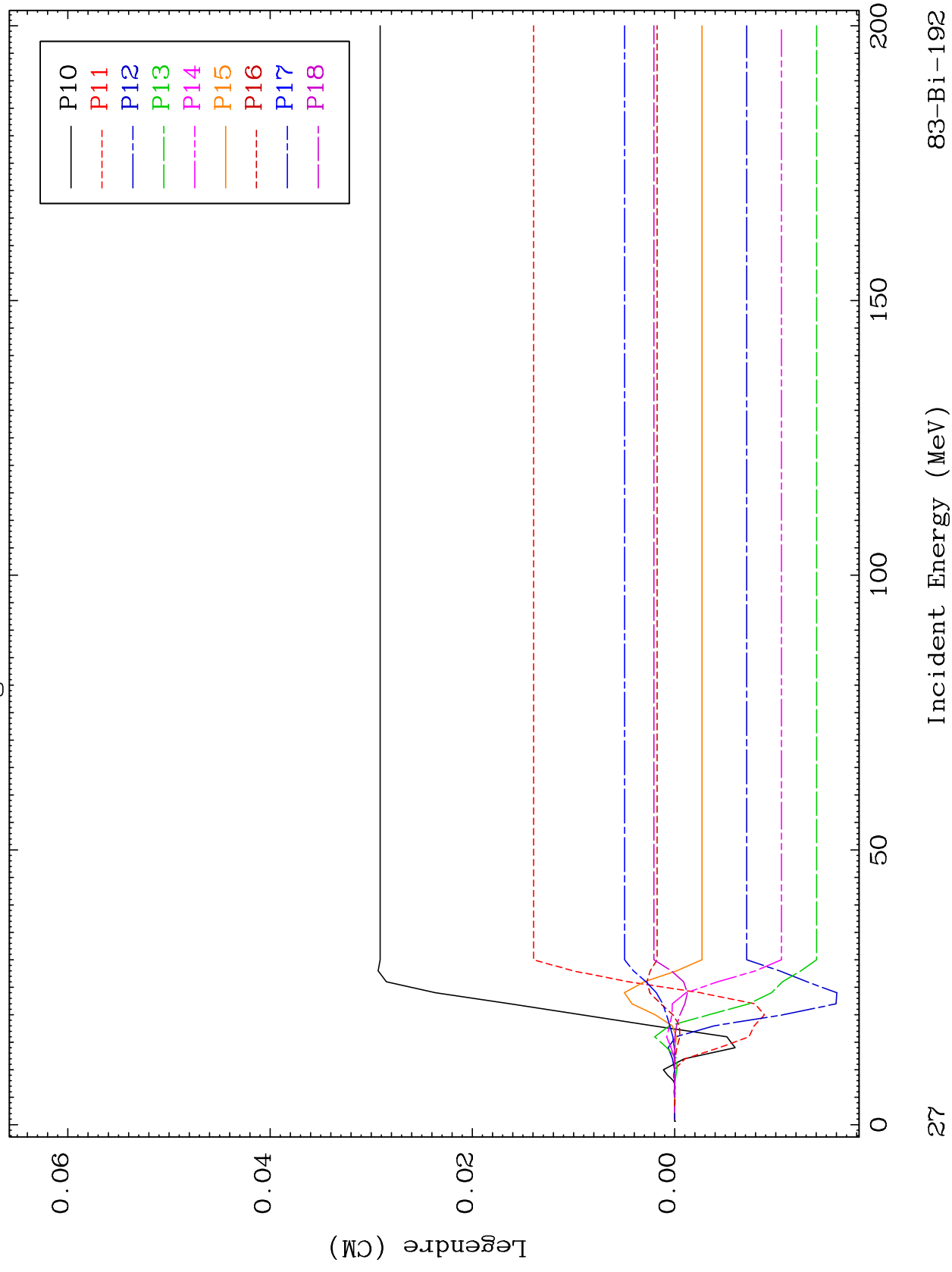


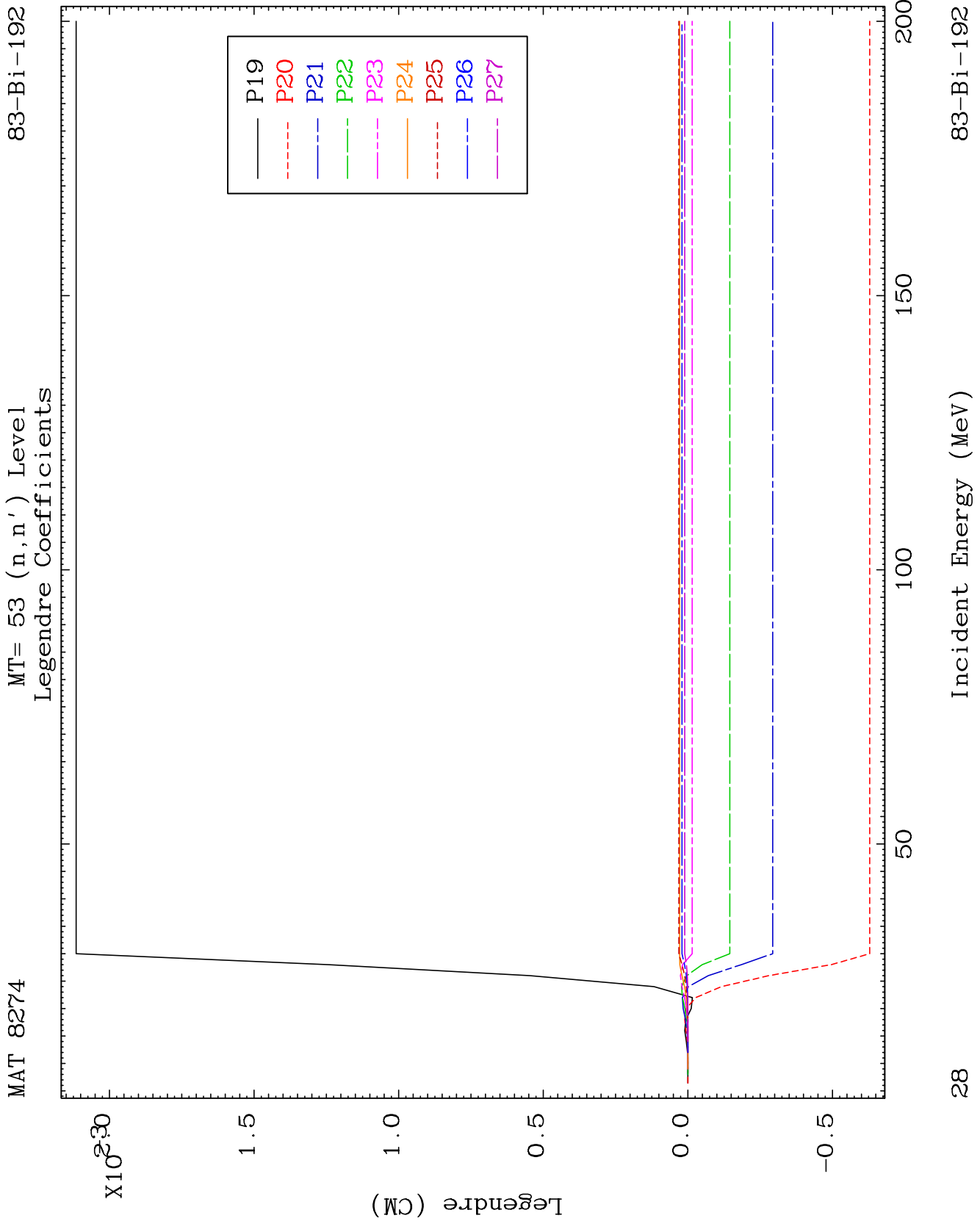


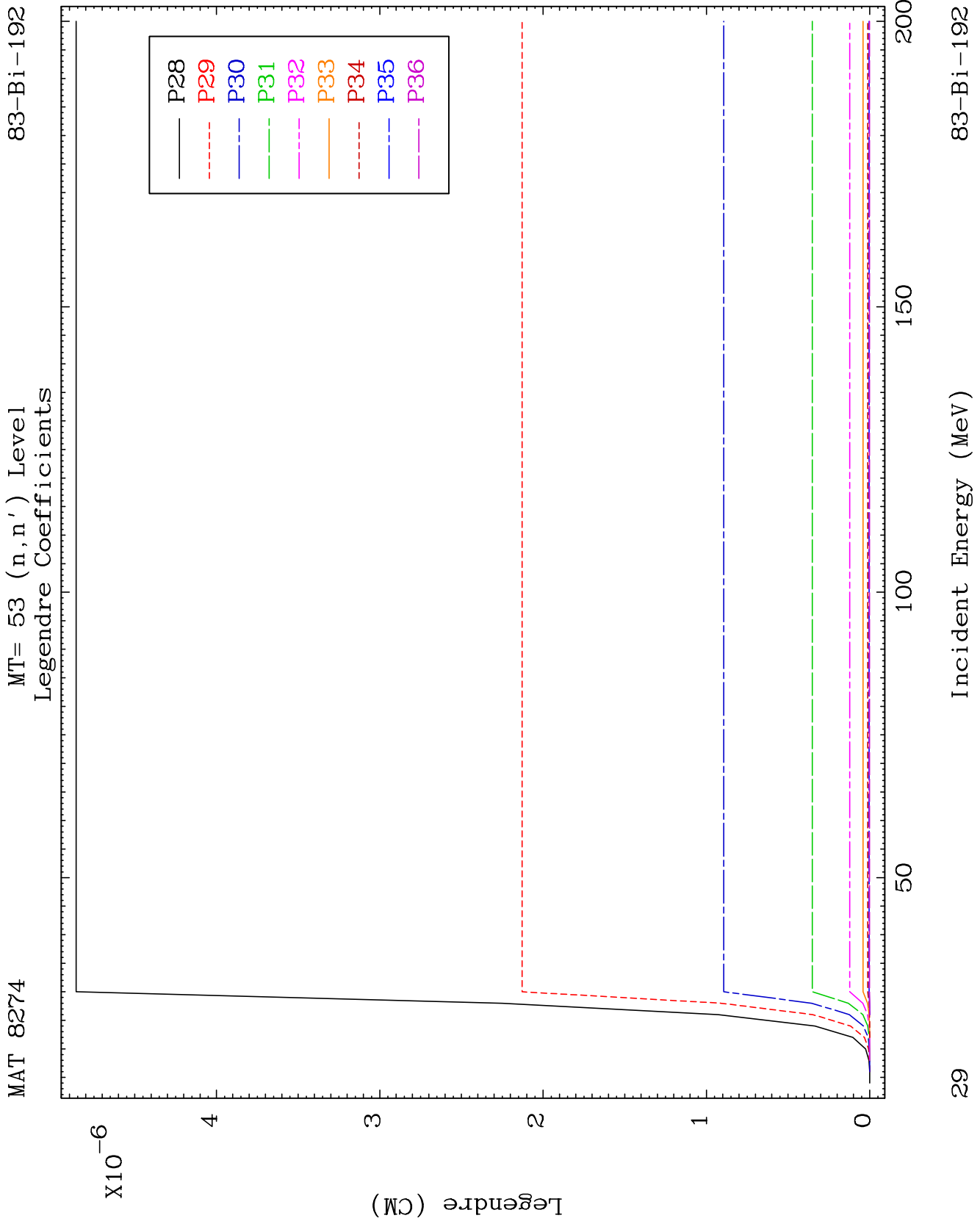
MAT 8274

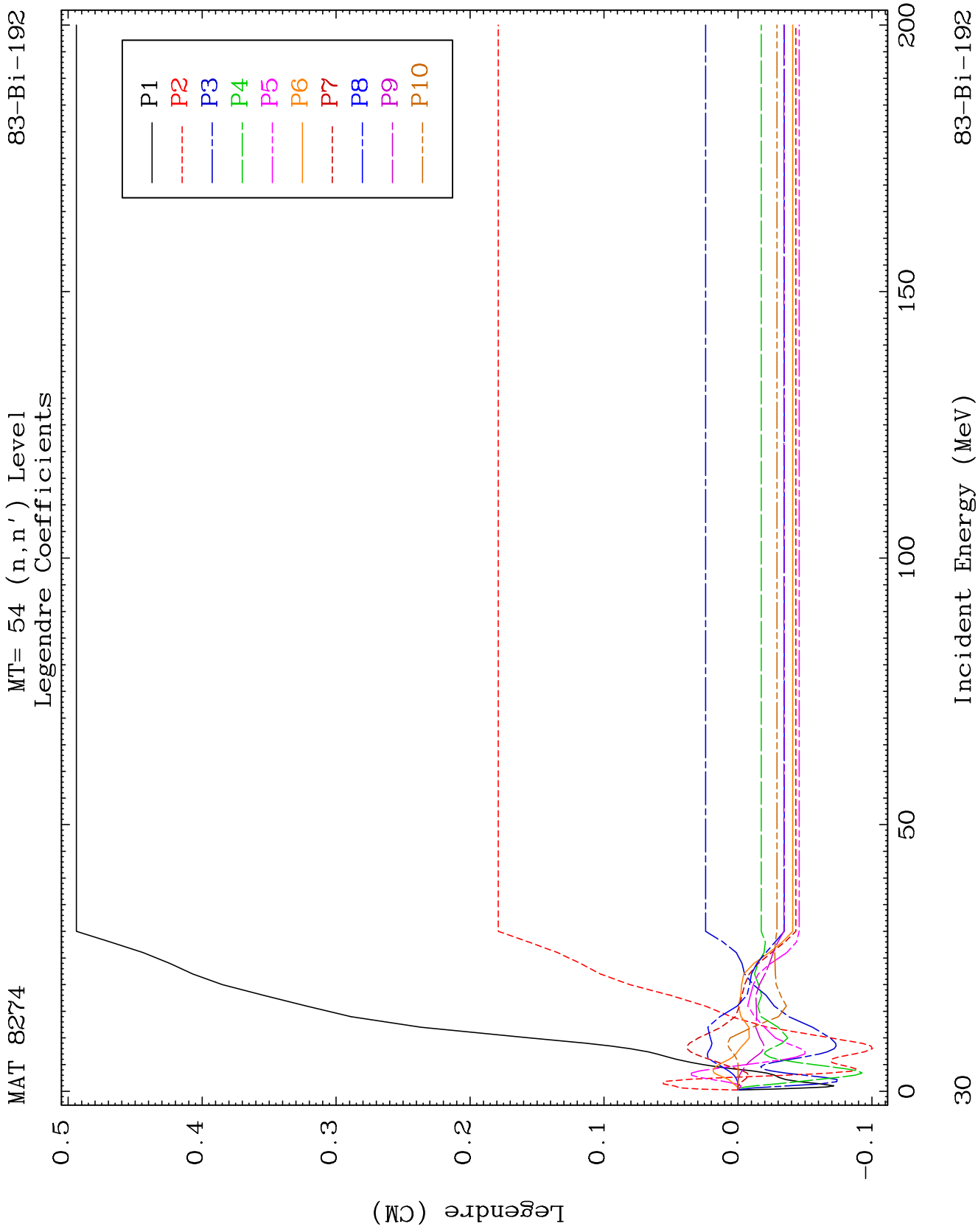
MT= 53 (n, n') Level
Legendre Coefficients

83-Bi-192





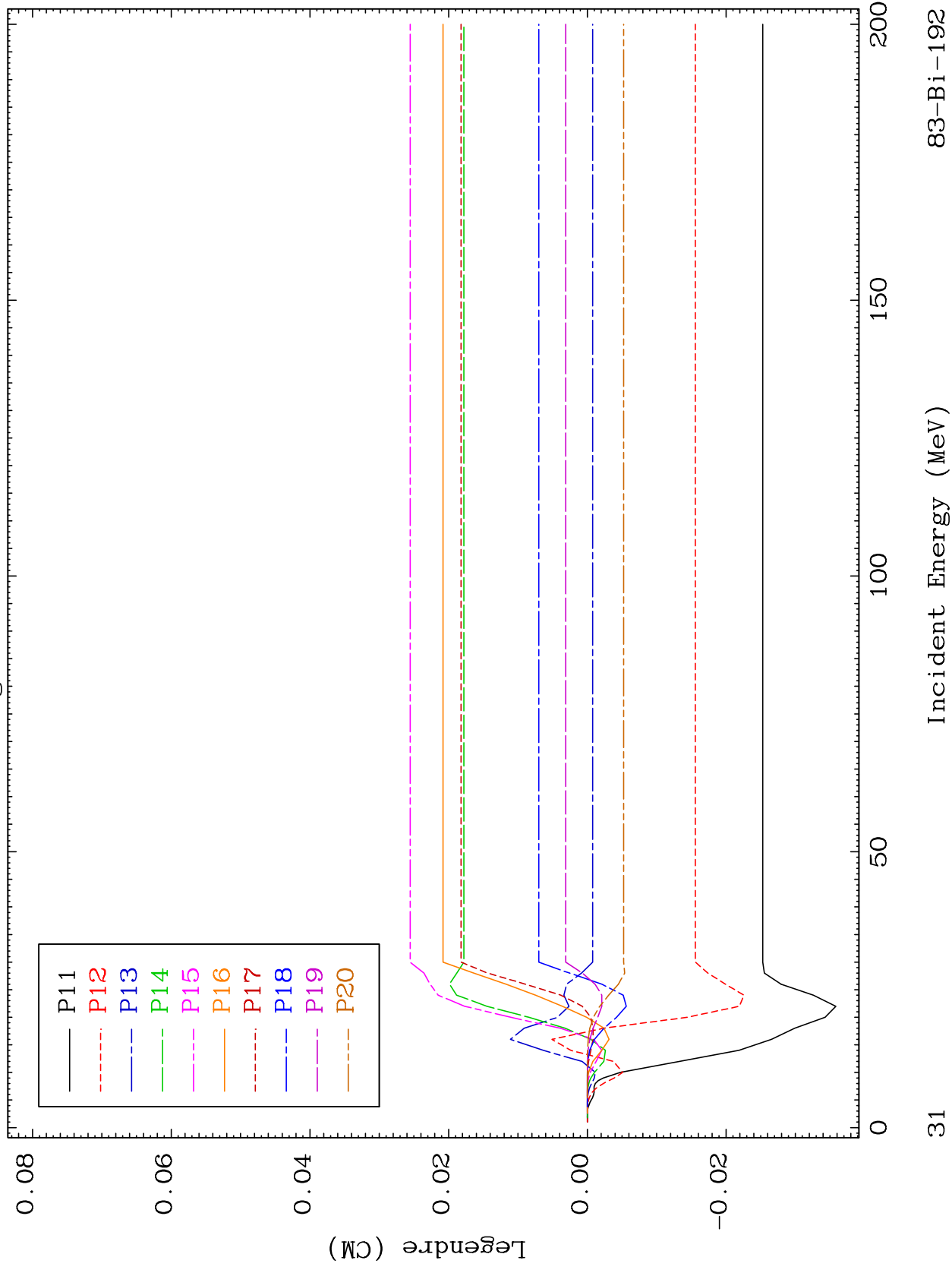


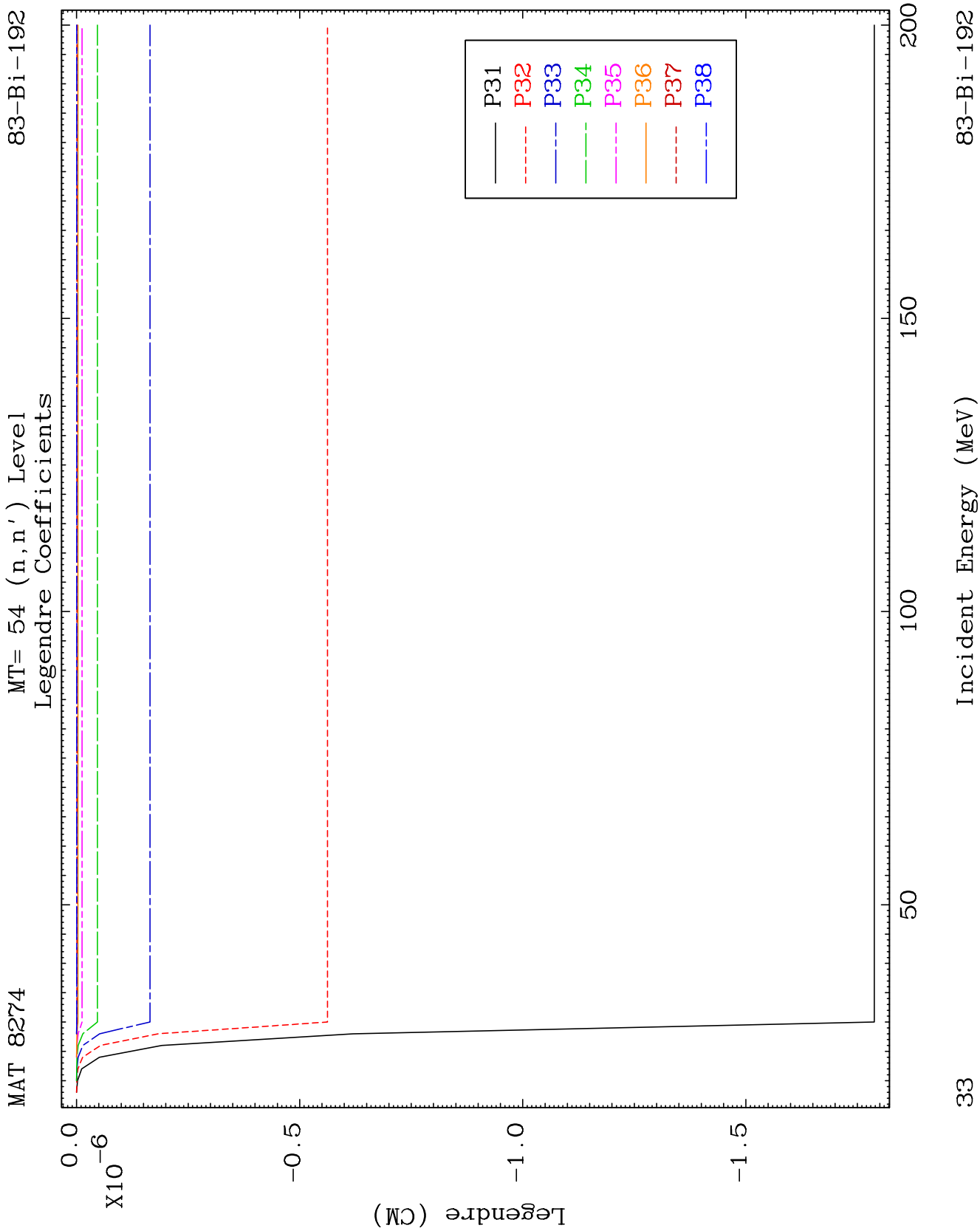


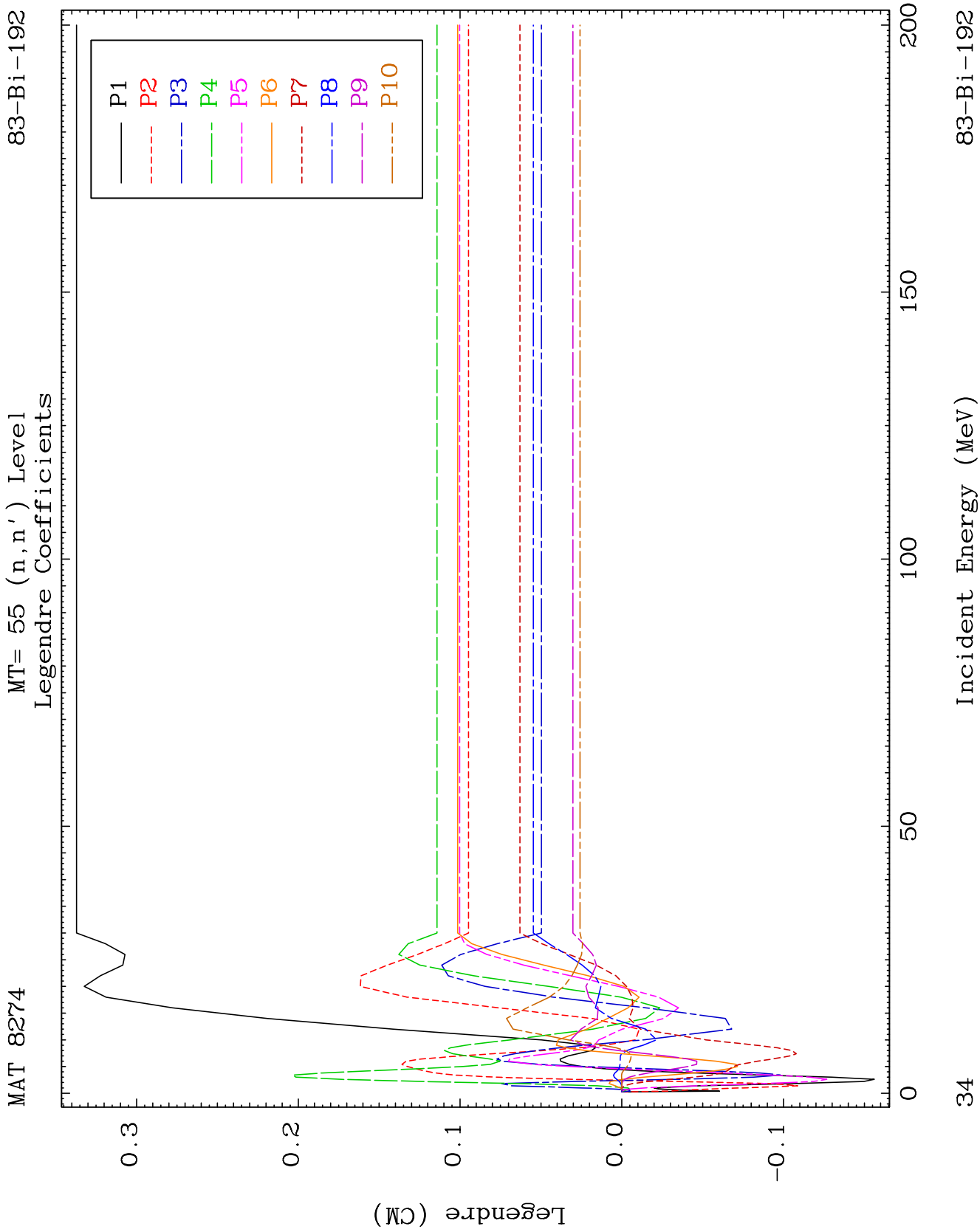
MAT 8274

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

83-Bi-192





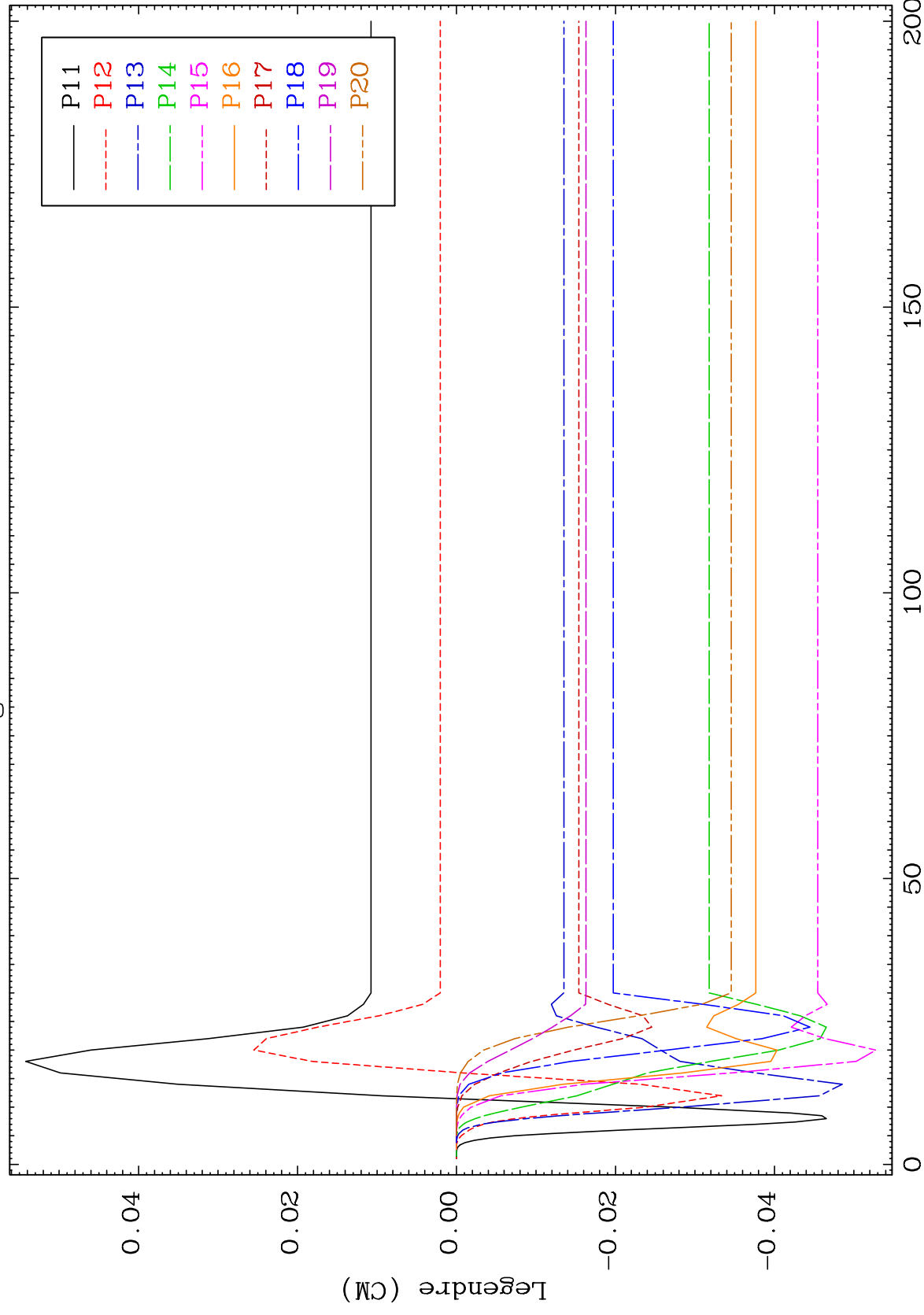


MAT 8274

MT=55 (n,n') Level

83-Bi-192

Legendre Coefficients



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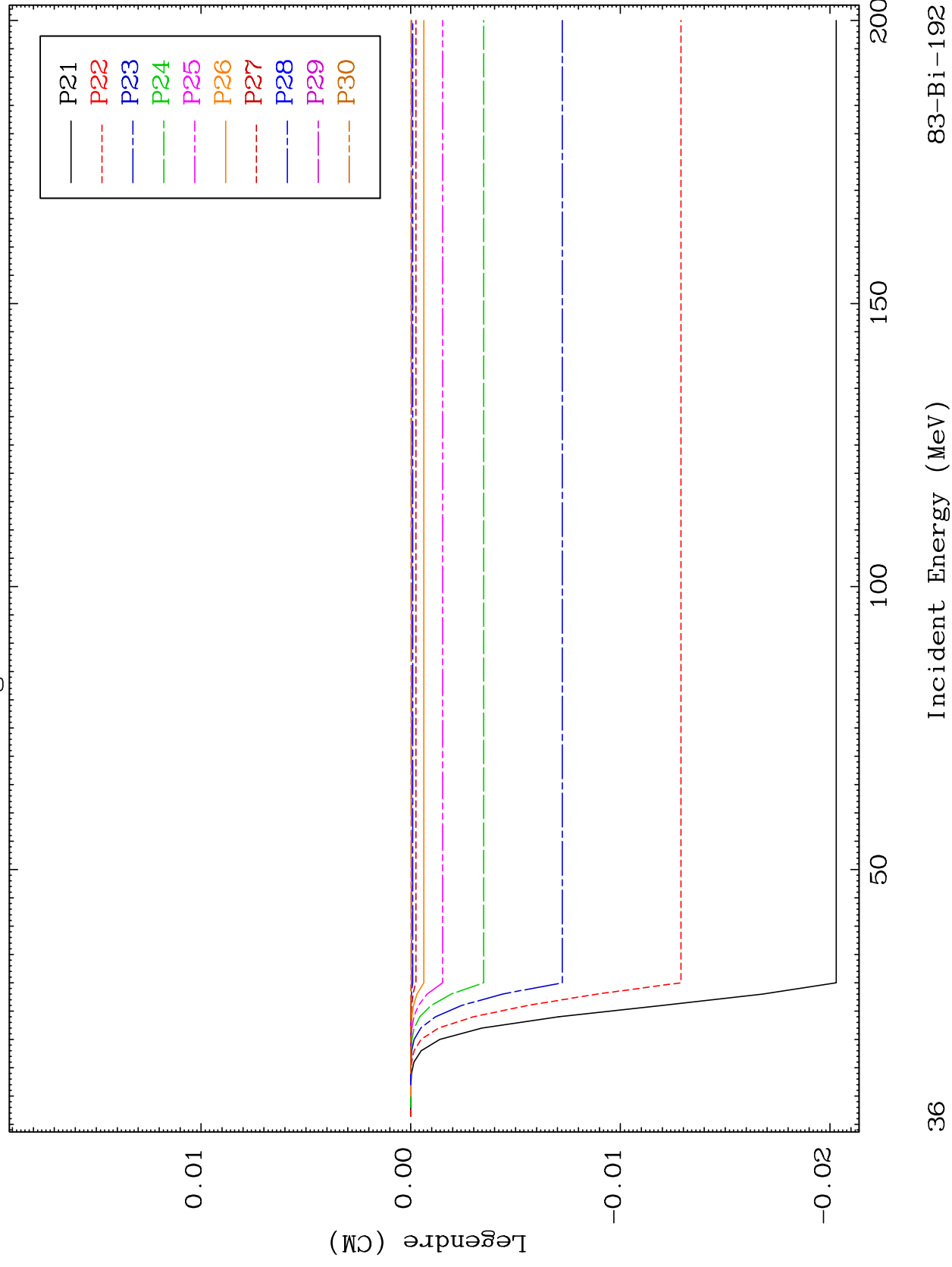
Incident Energy (MeV)

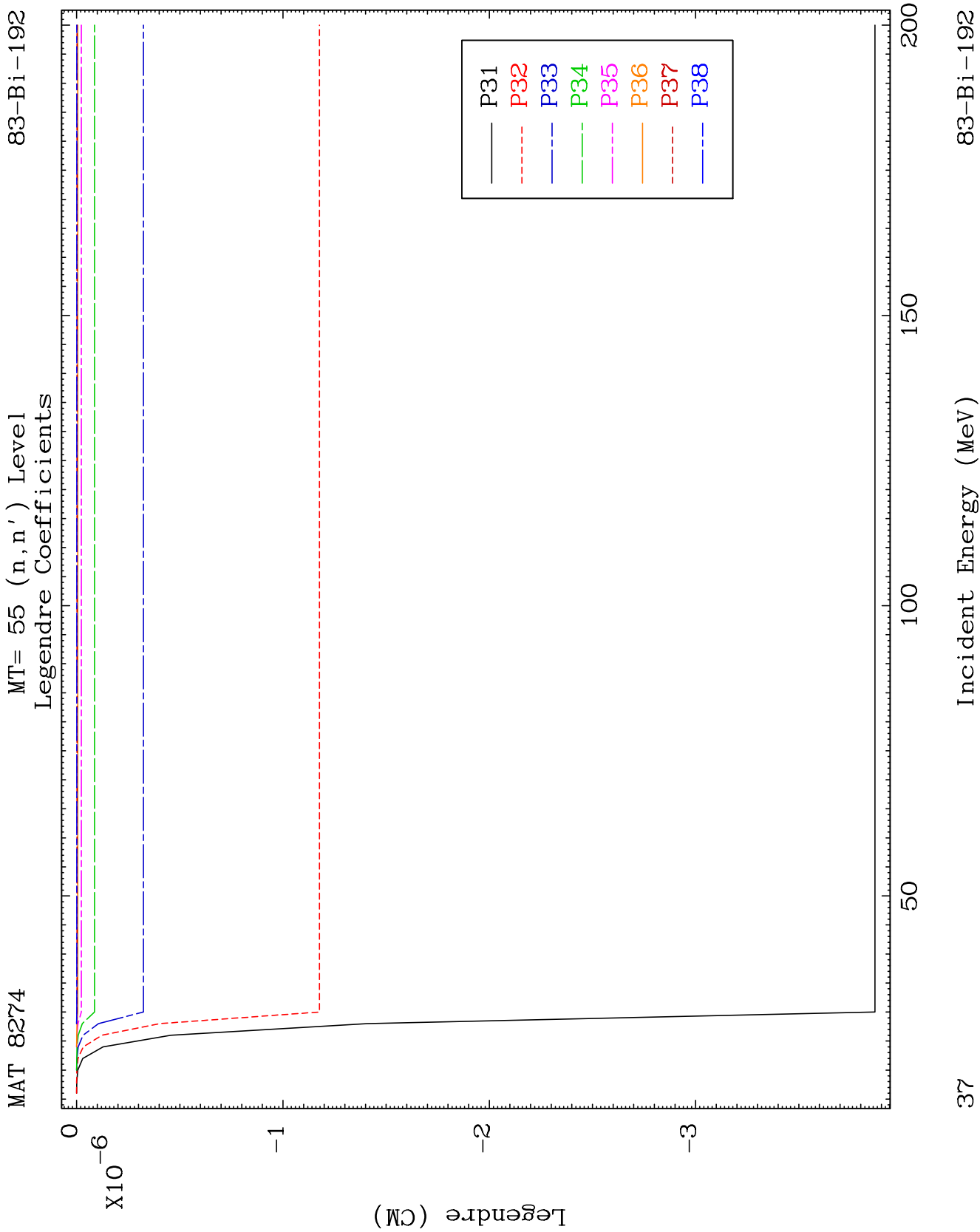
83-Bi-192

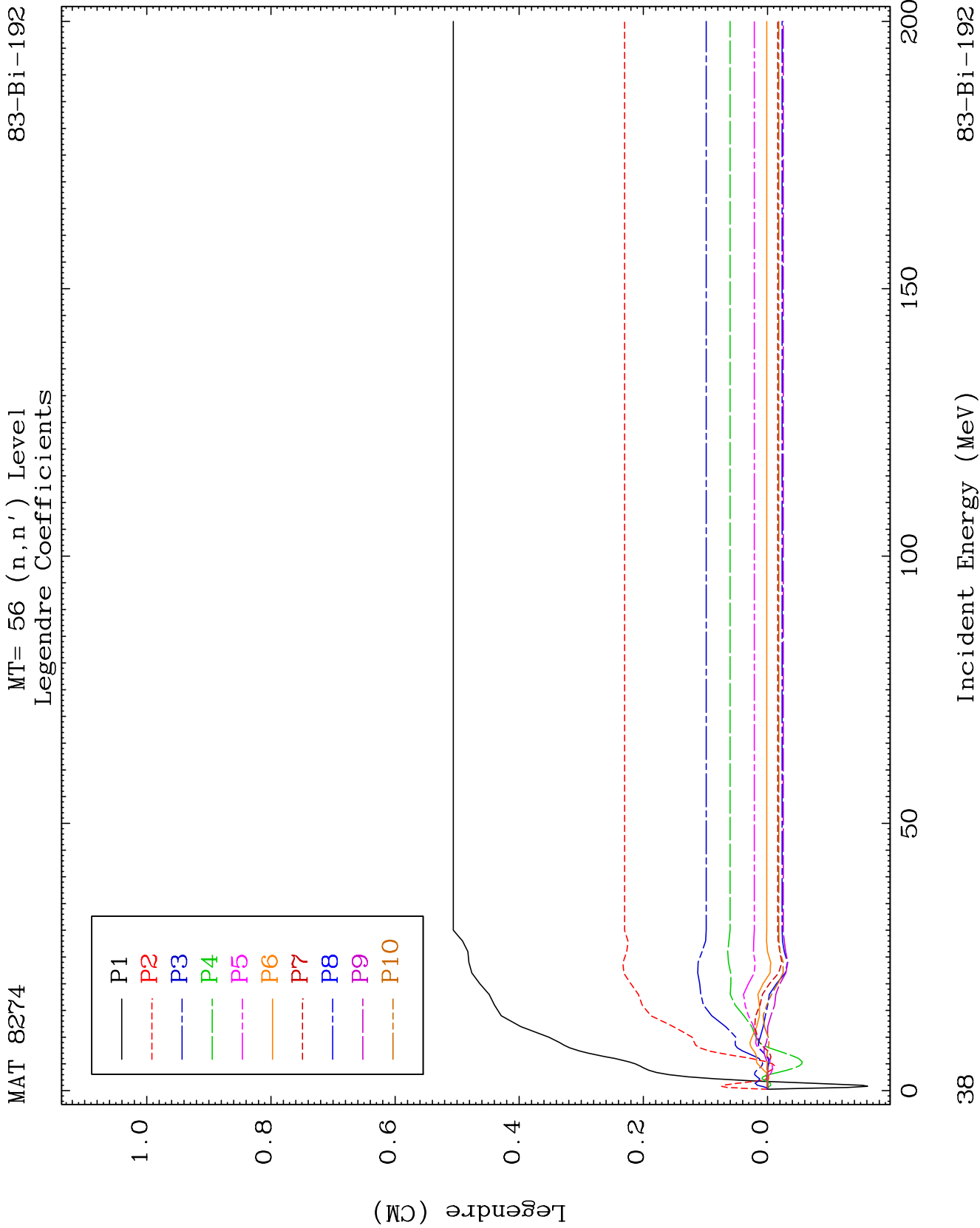
MAT 8274

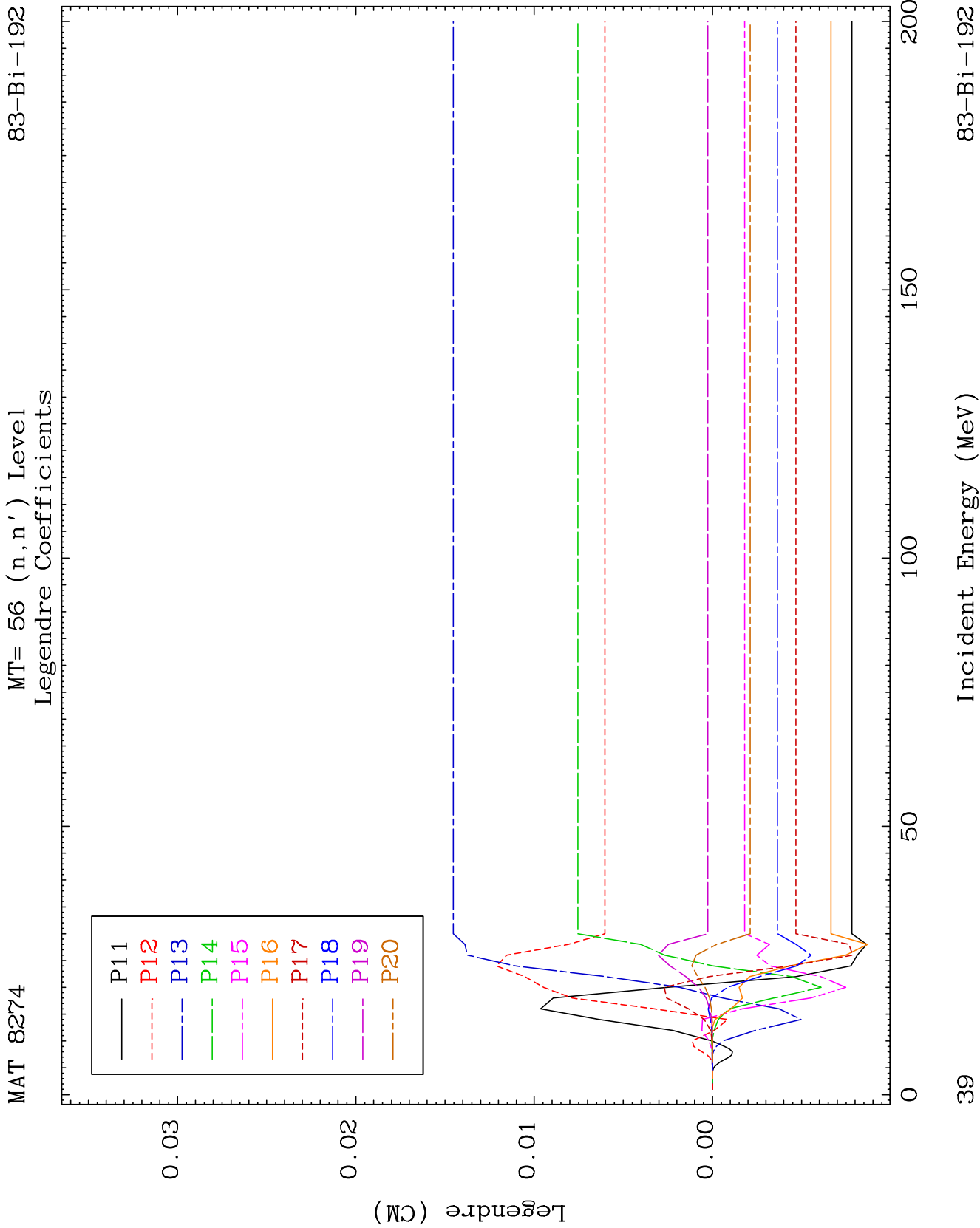
MT= 55 (n, n') Level
Legendre Coefficients

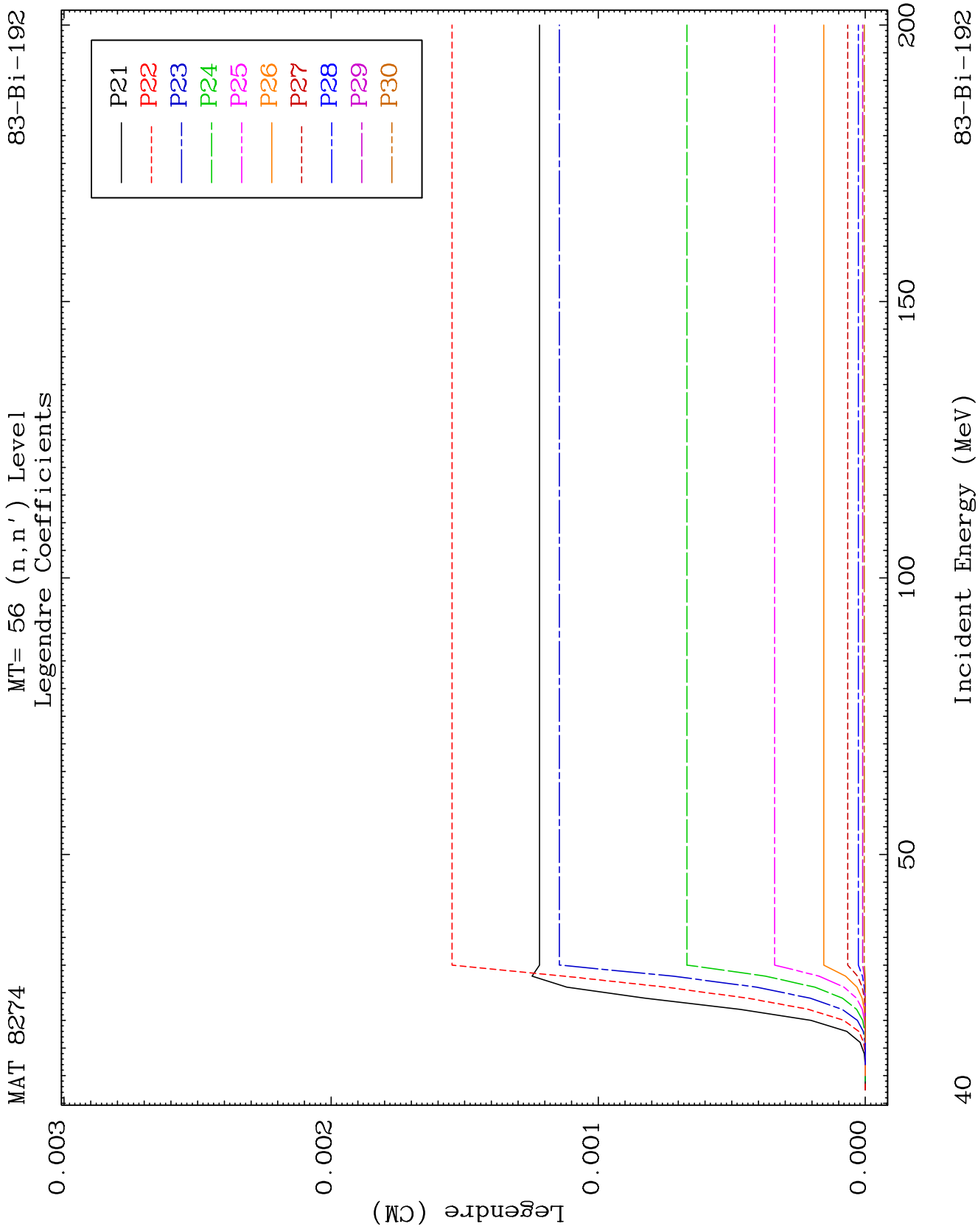
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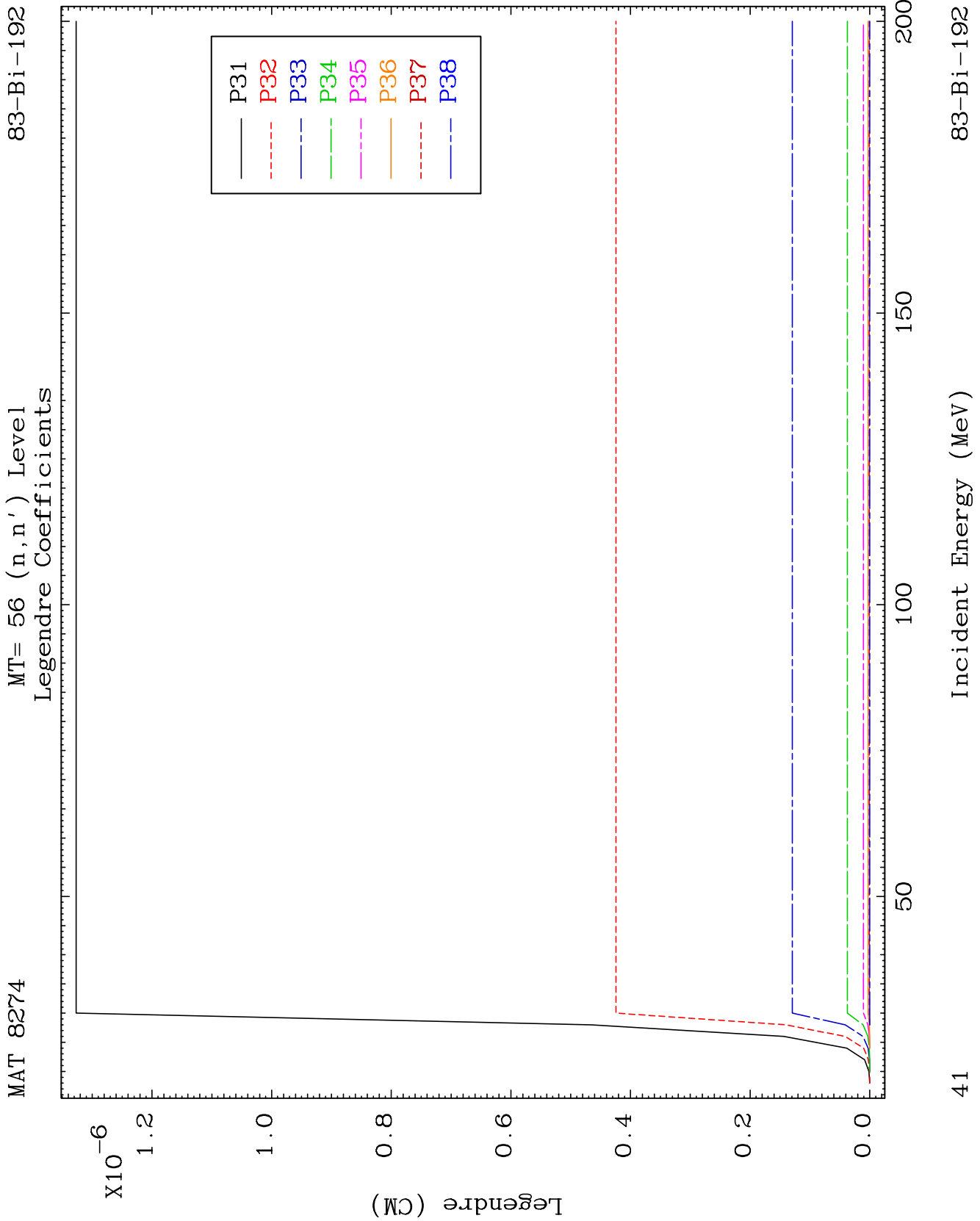


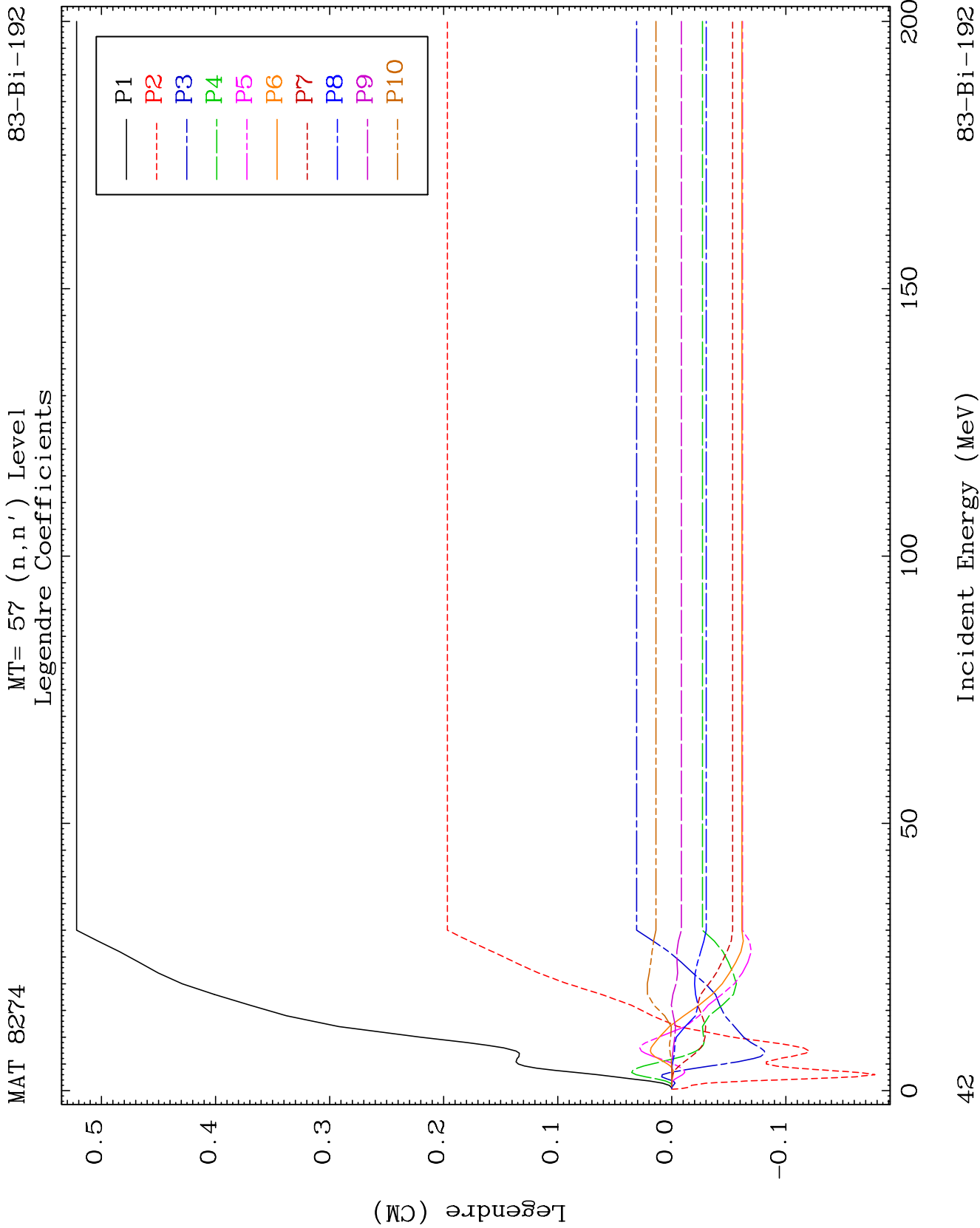


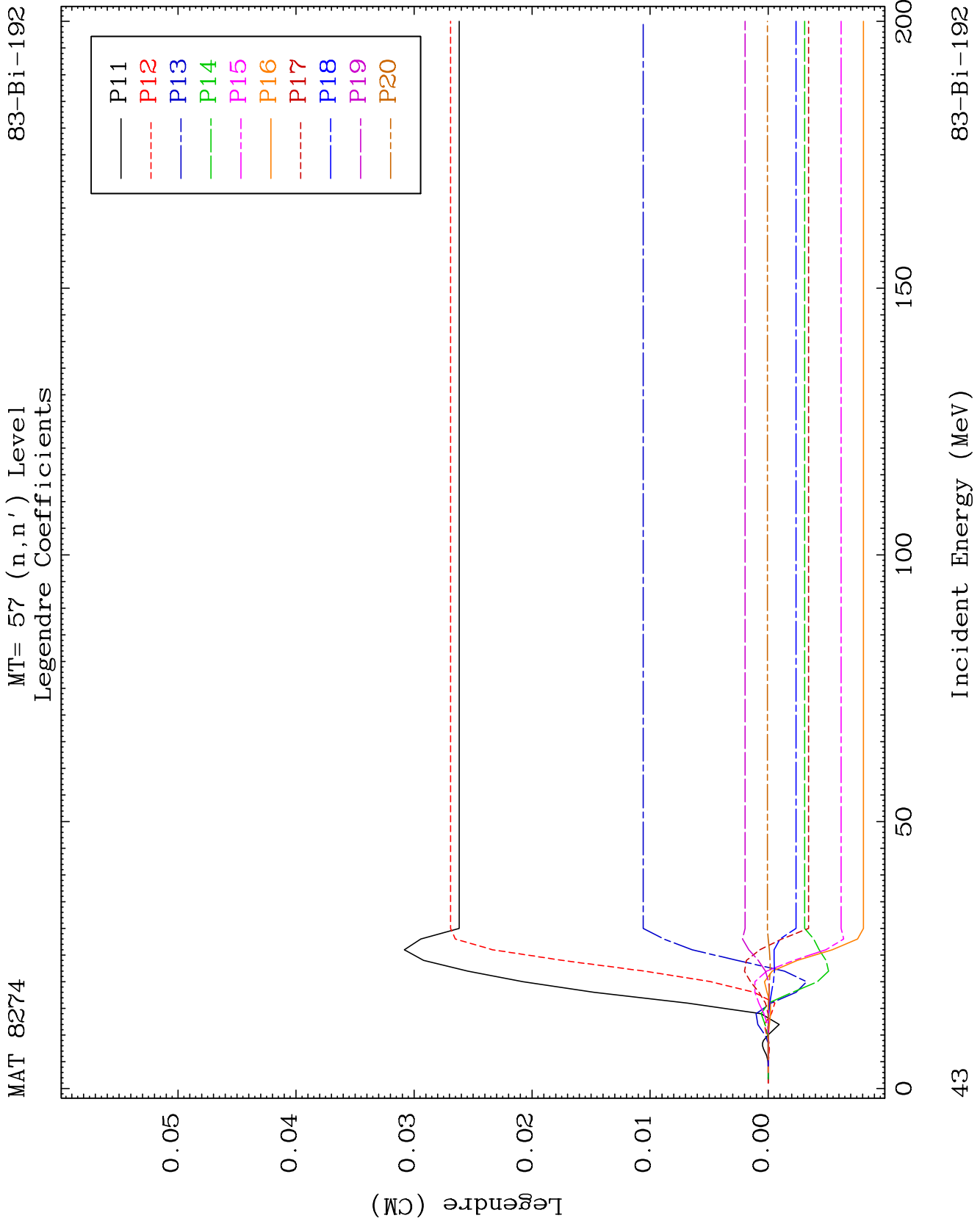


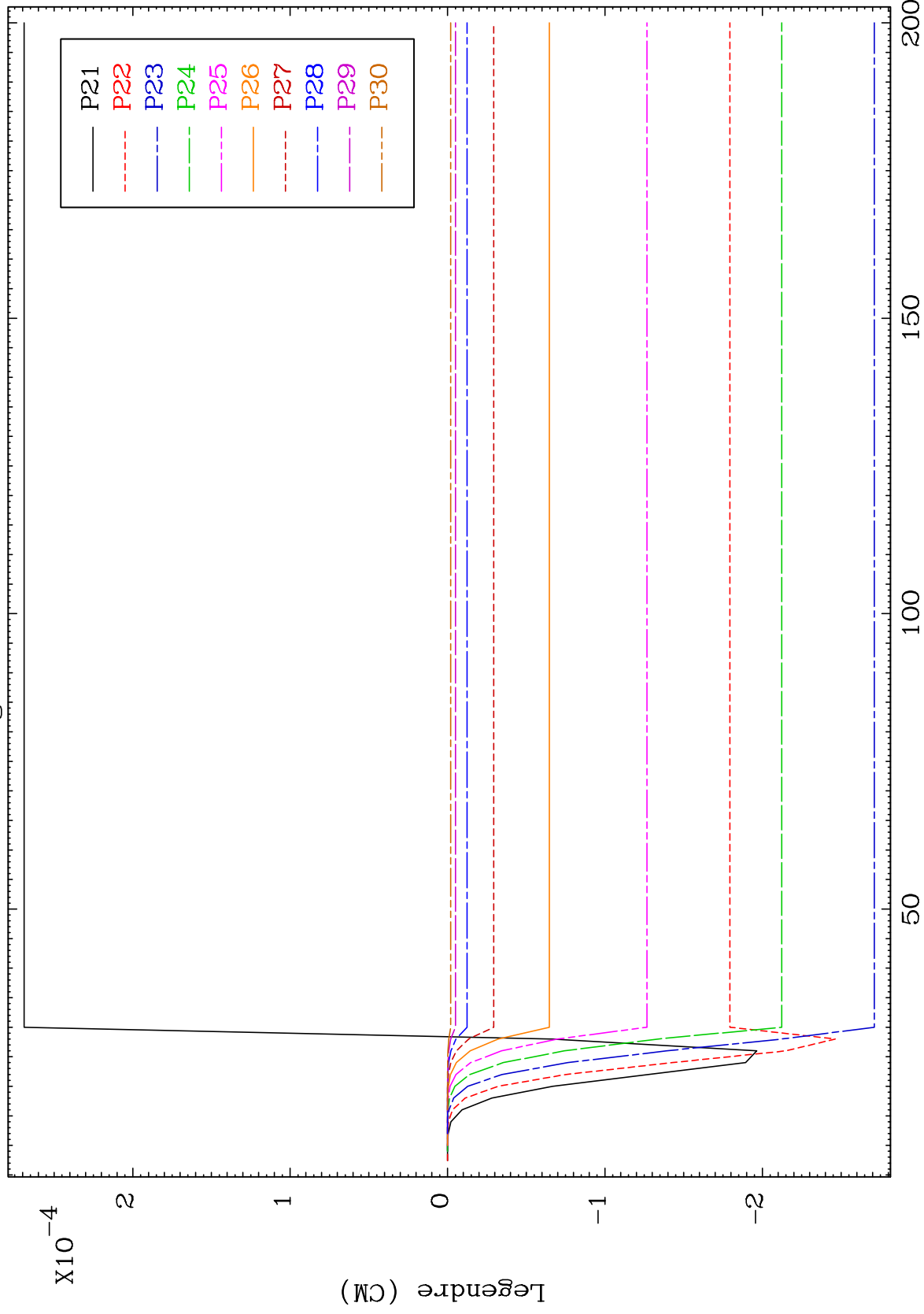








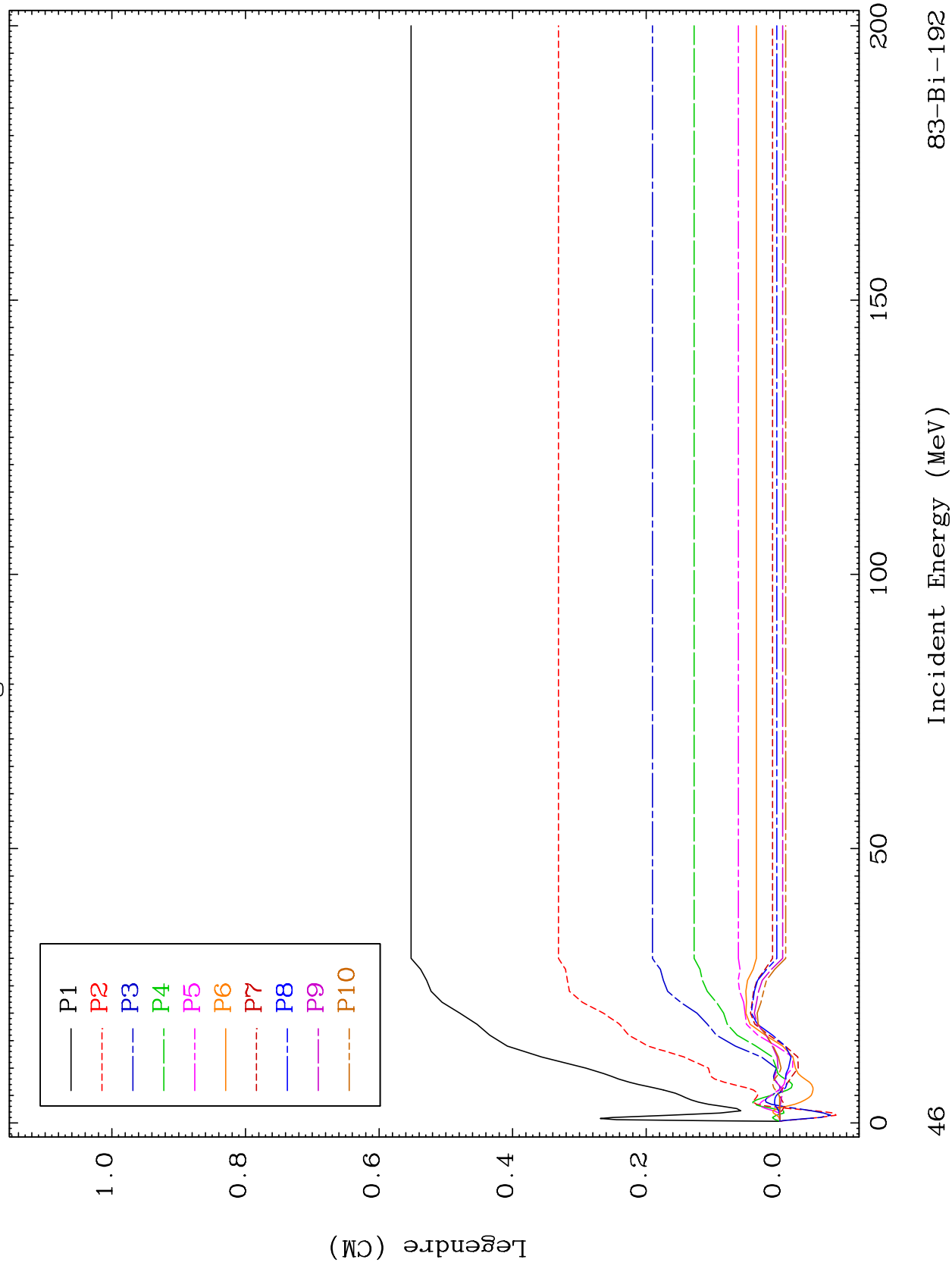


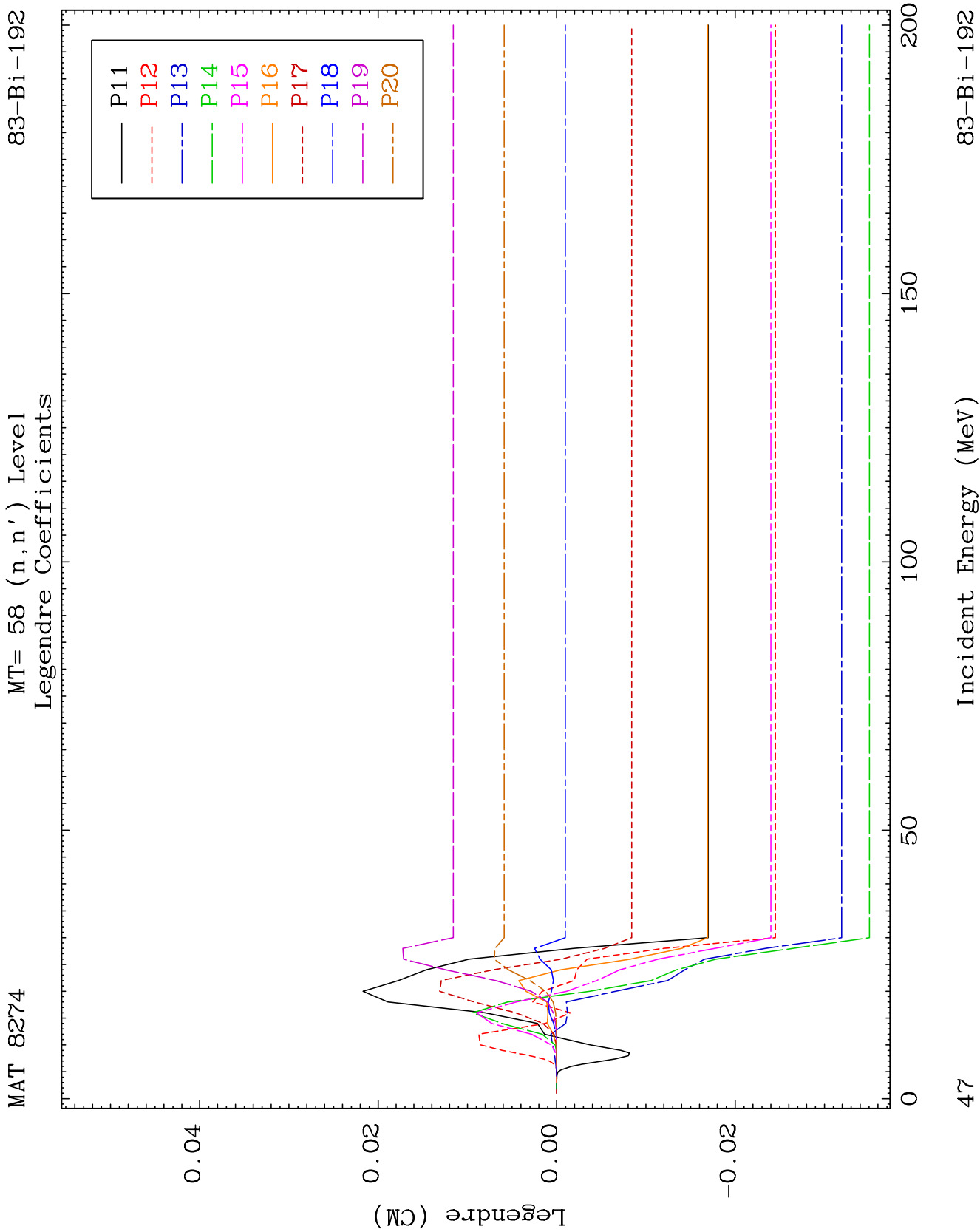


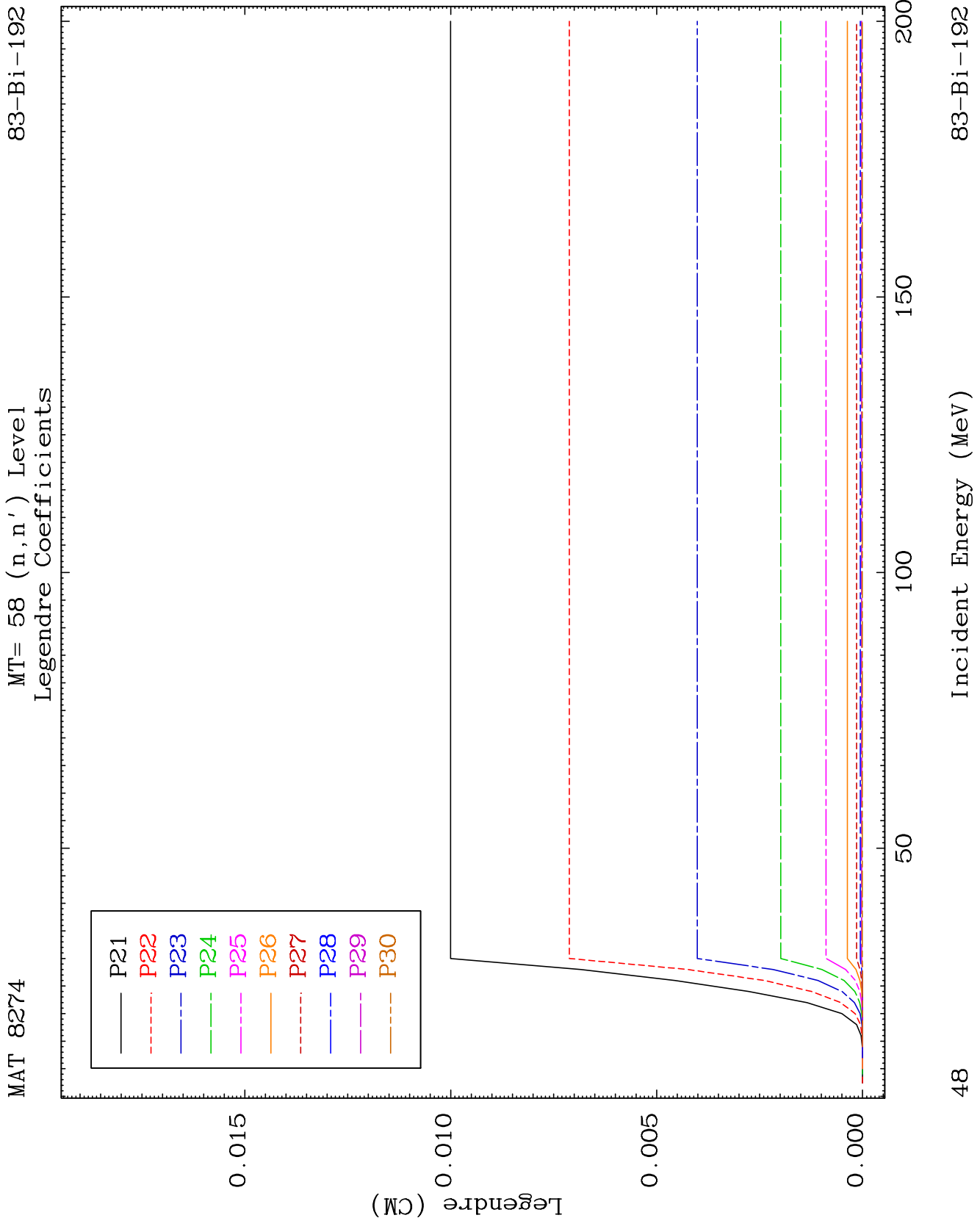
MAT 8274

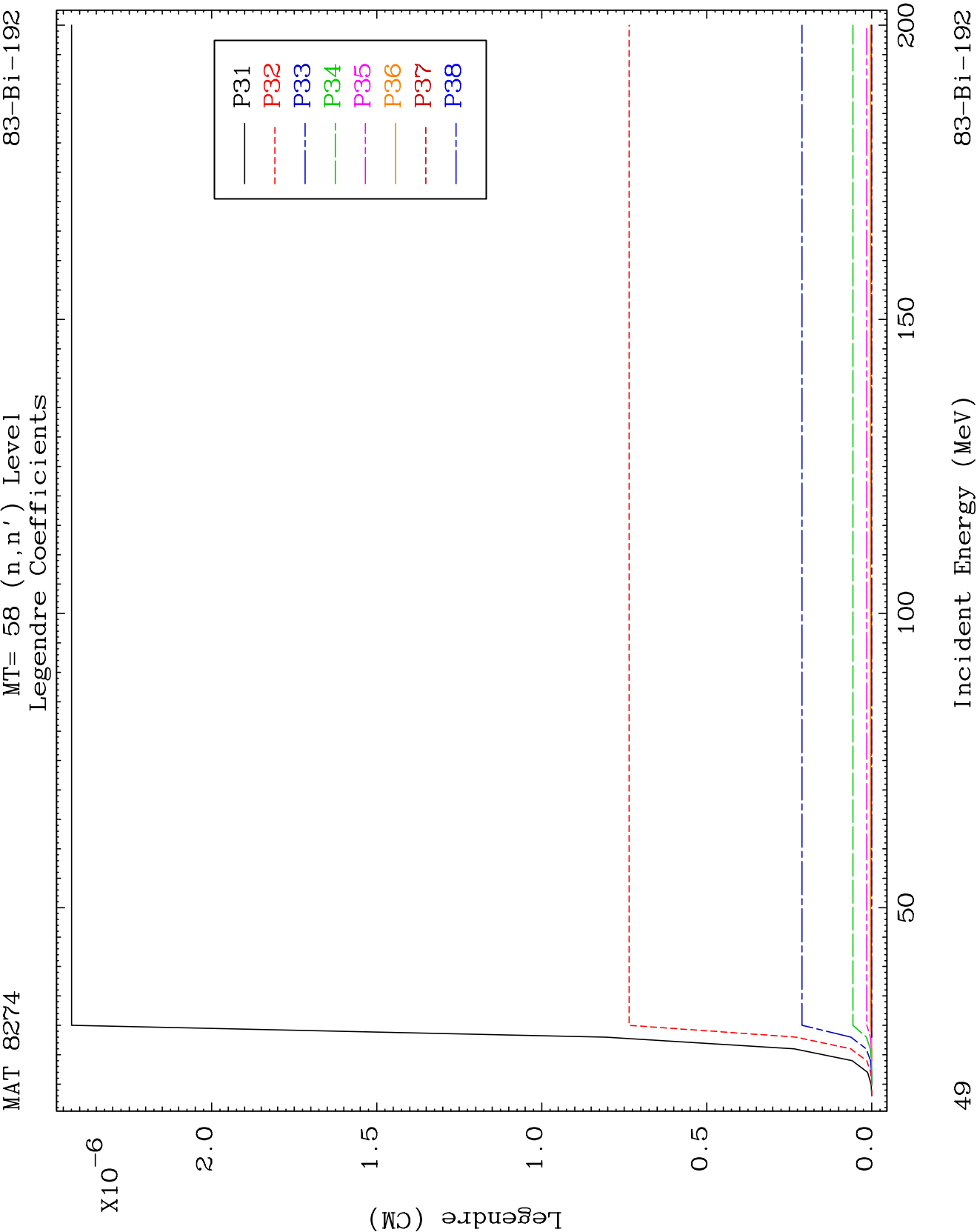
MT= 58 (n, n') Level
Legendre Coefficients

83-Bi-192







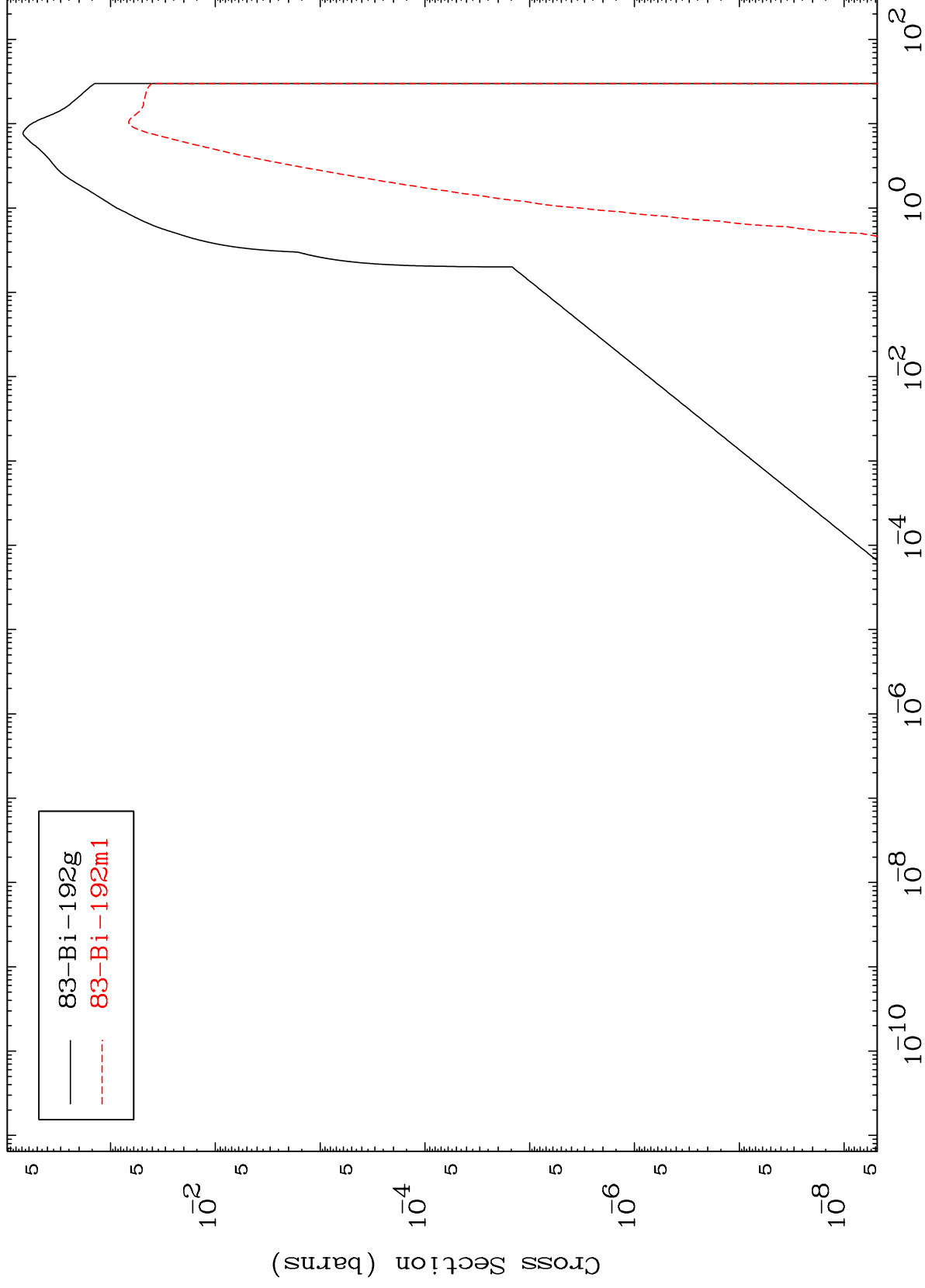


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Inelastic

83-Bi-192

Radionuclide Production Cross Section

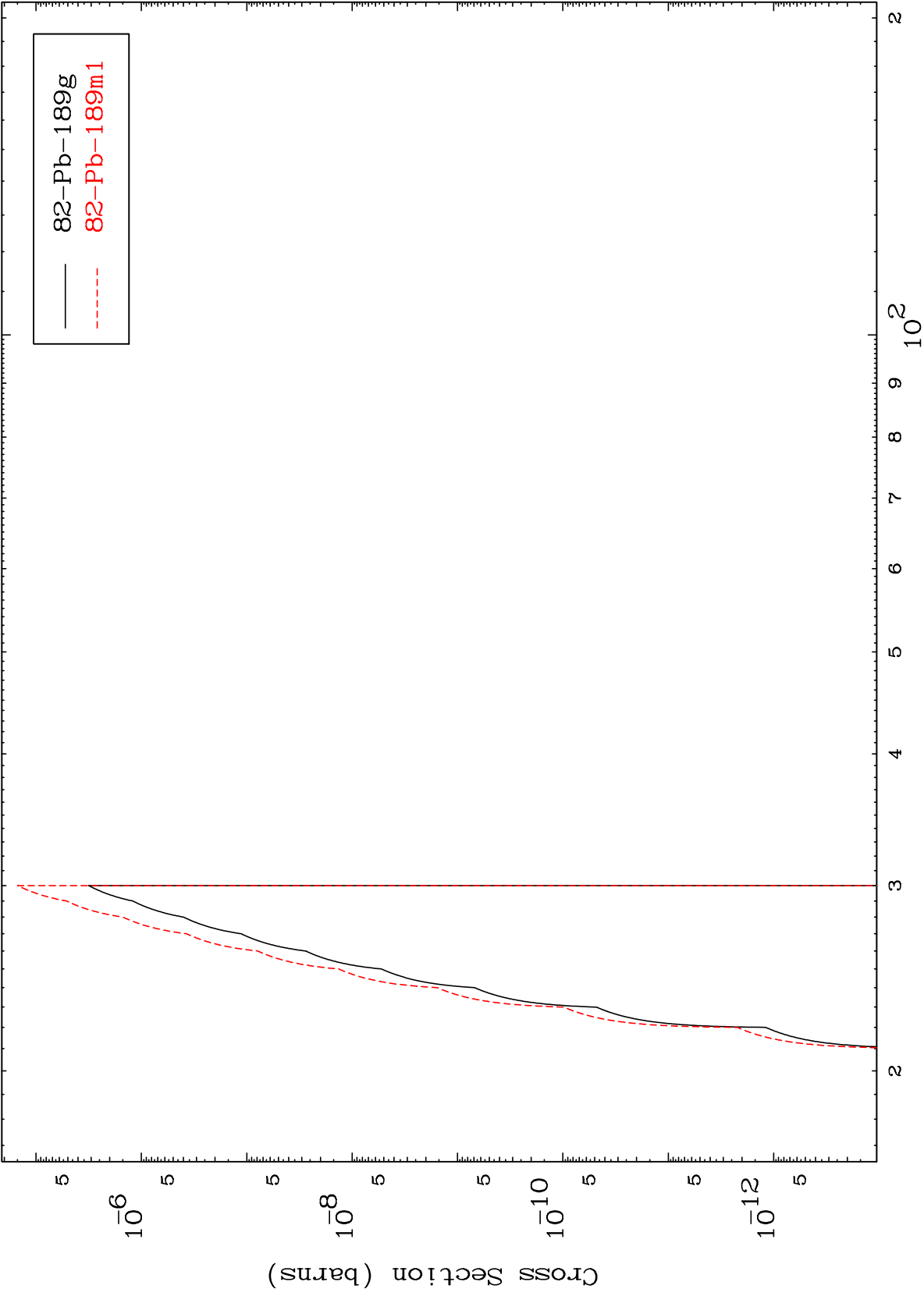


50

Incident Energy (MeV)

83-Bi-192

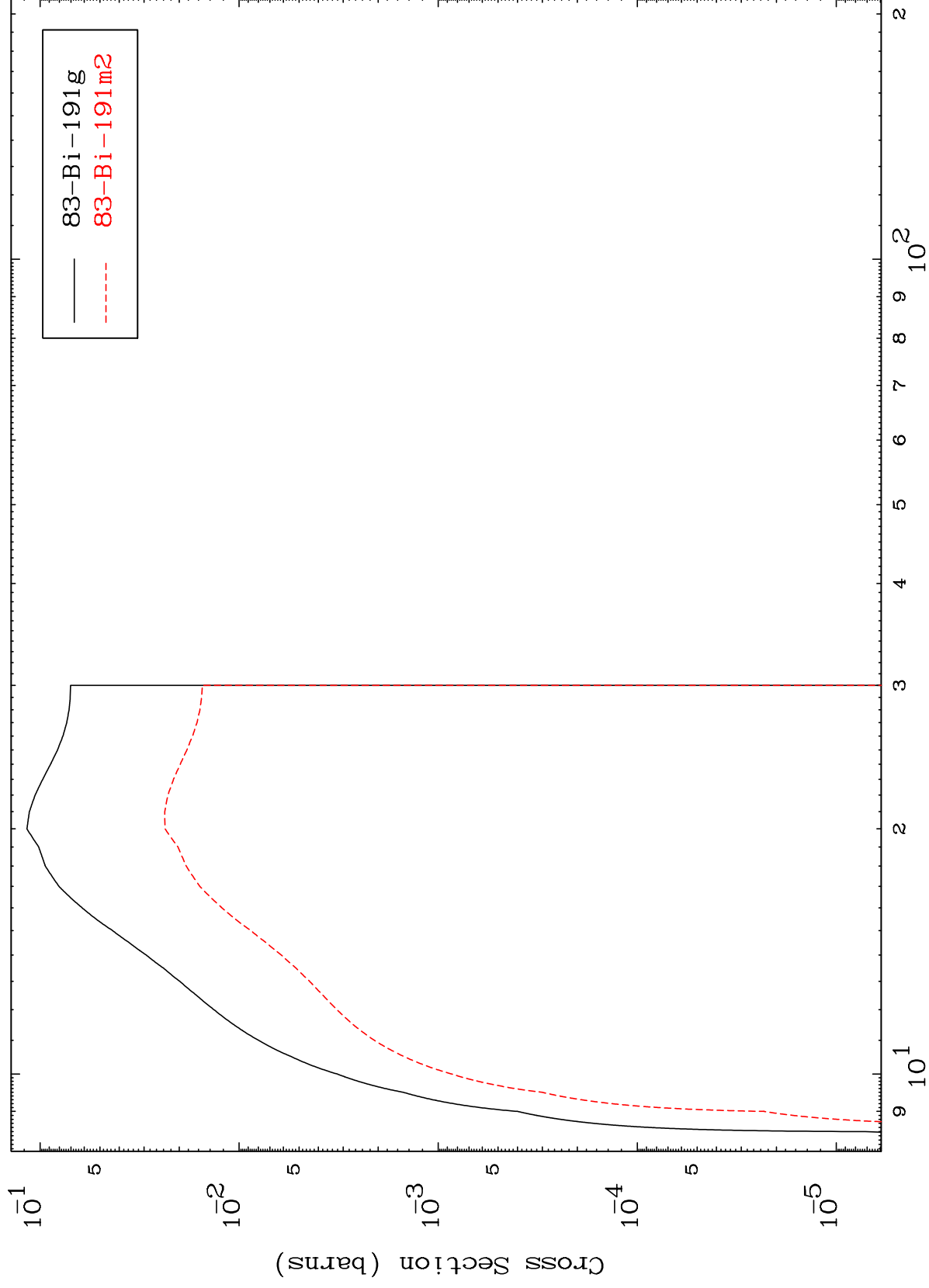
(n,2n) d
Radionuclide Production Cross Section



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83-Bi-192

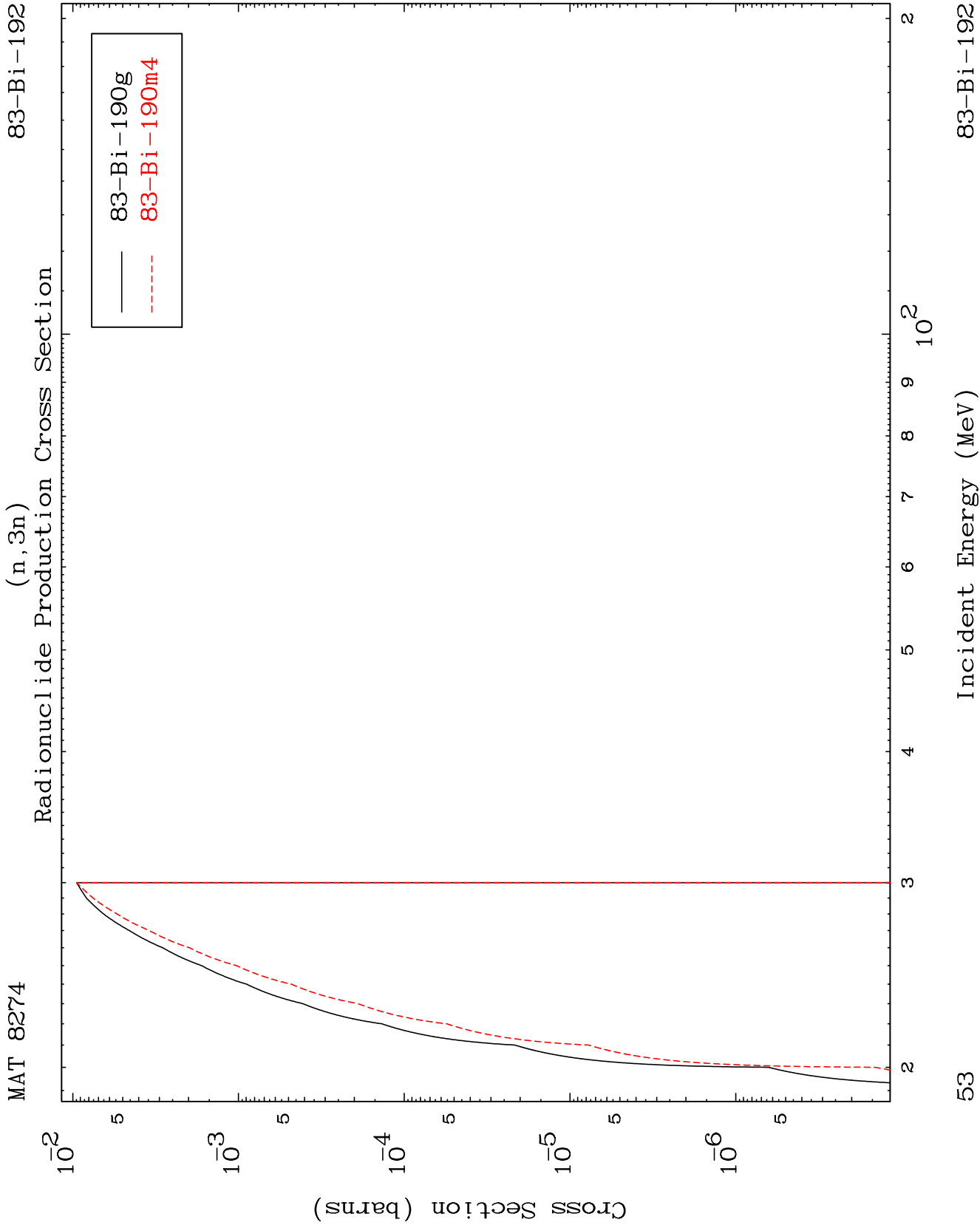
(n,2n)
Radionuclide Production Cross Section



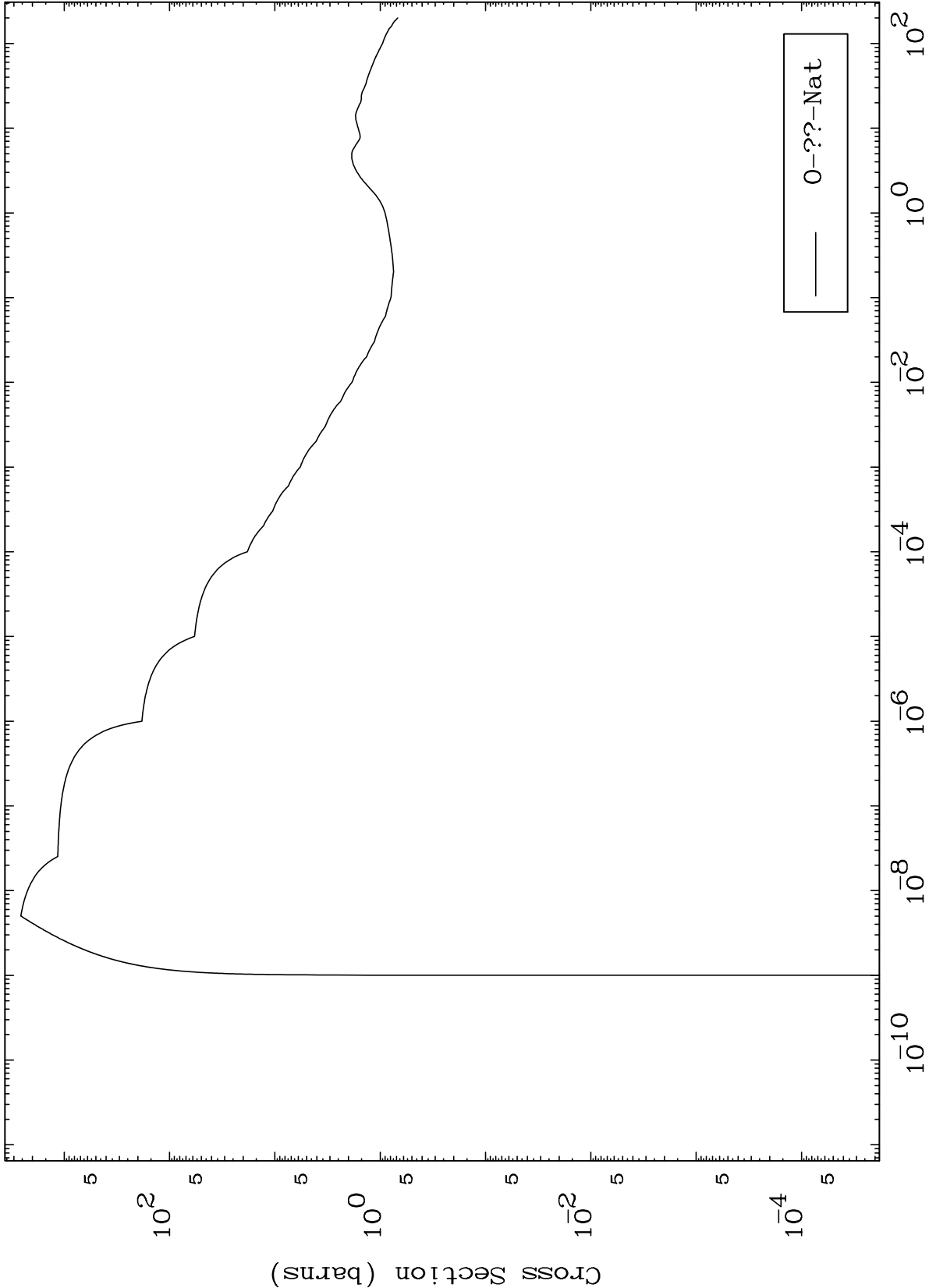
52

Incident Energy (MeV)

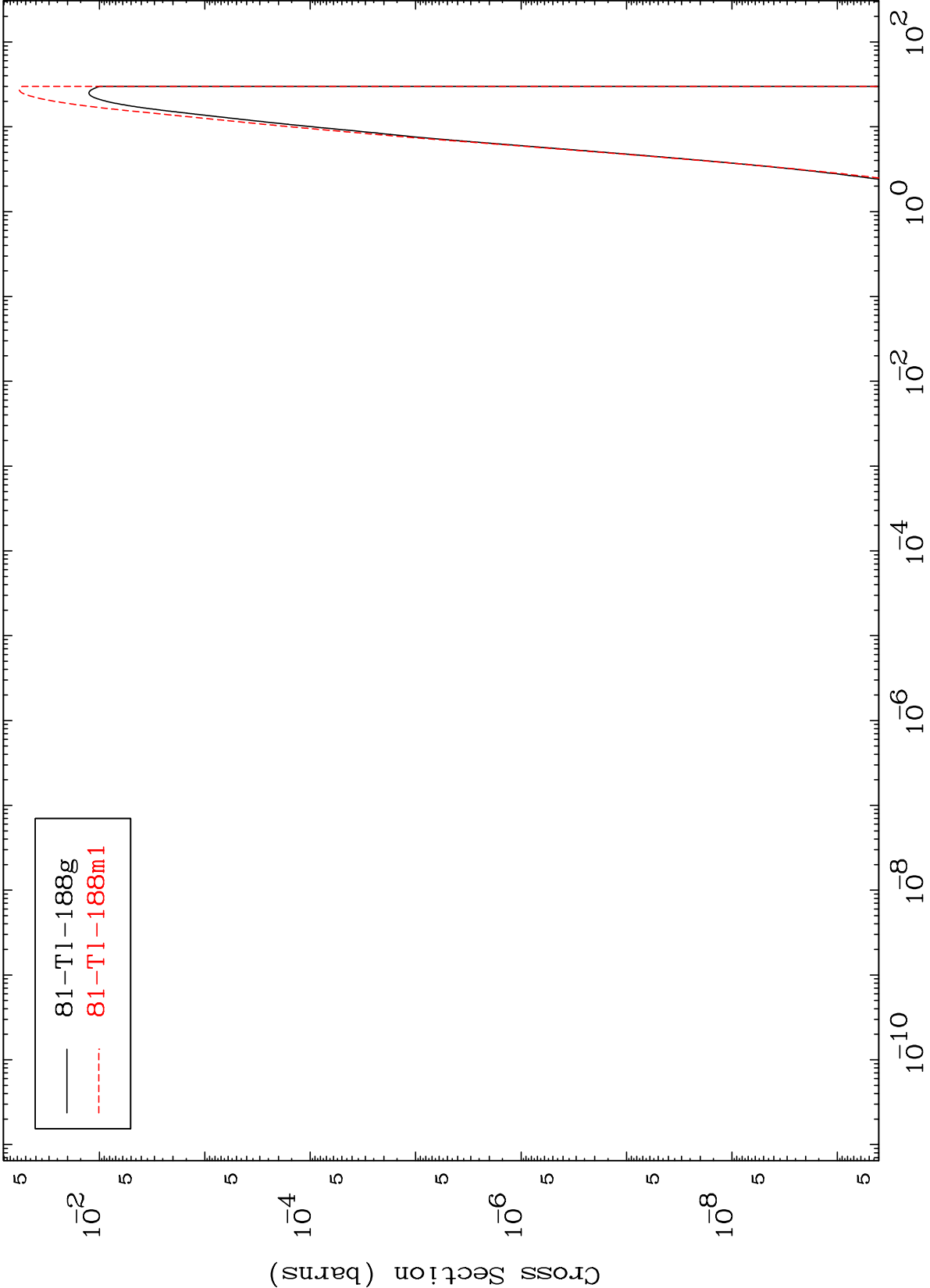
83-Bi-192



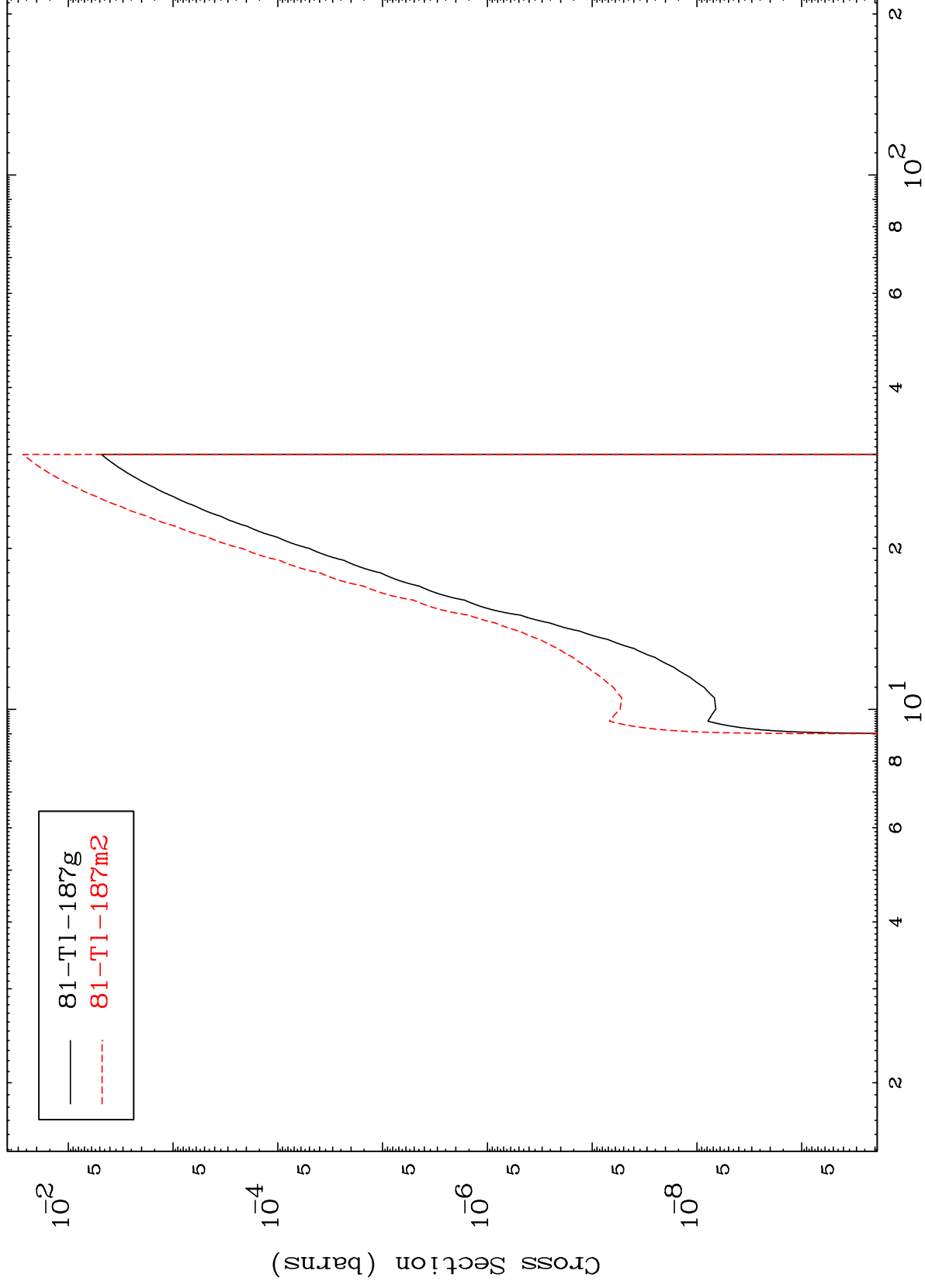
Fission
Radionuclide Production Cross Section



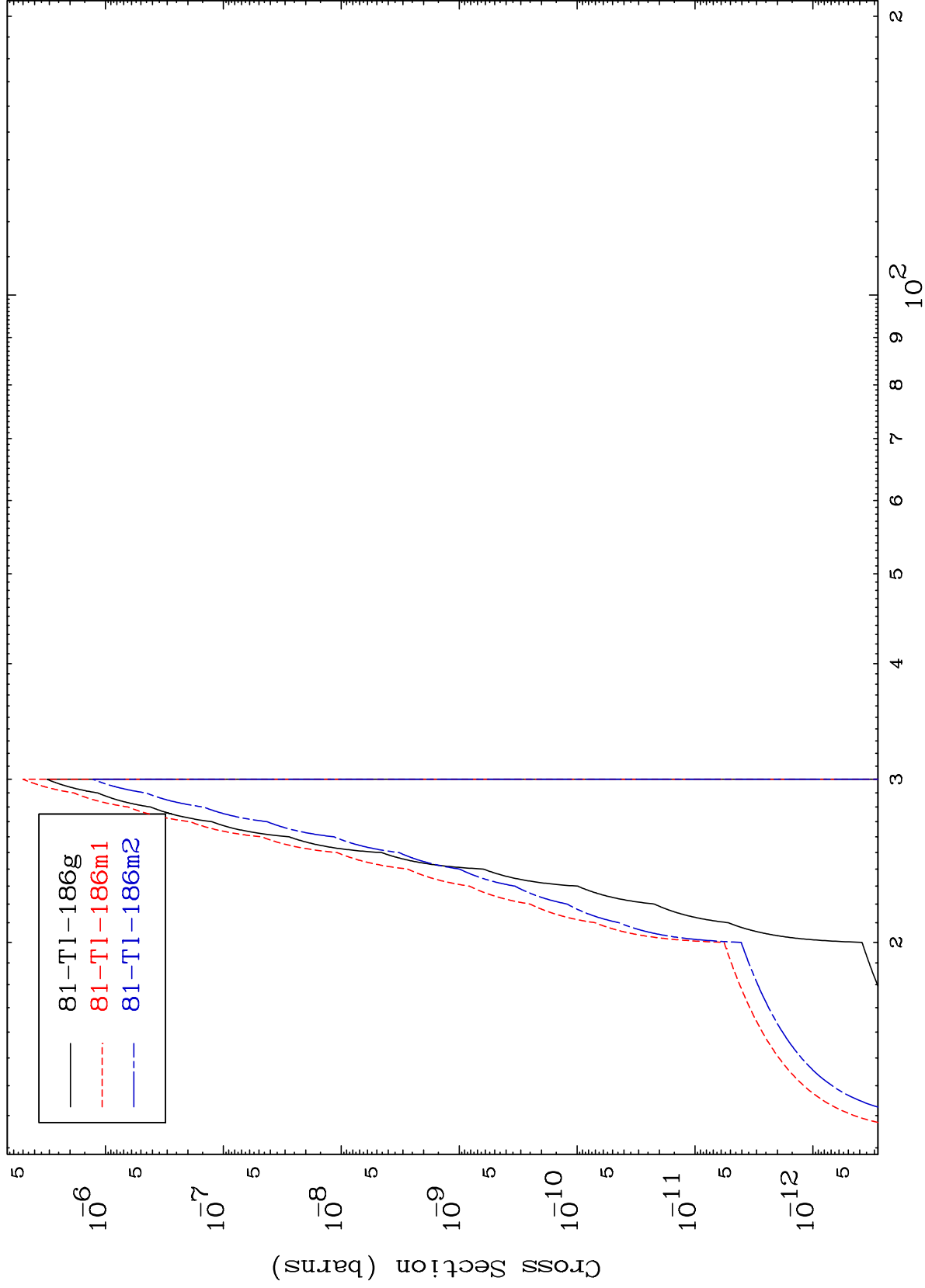
Radionuclide Production Cross Section



Radionuclide Production Cross Section
(n,2n) α



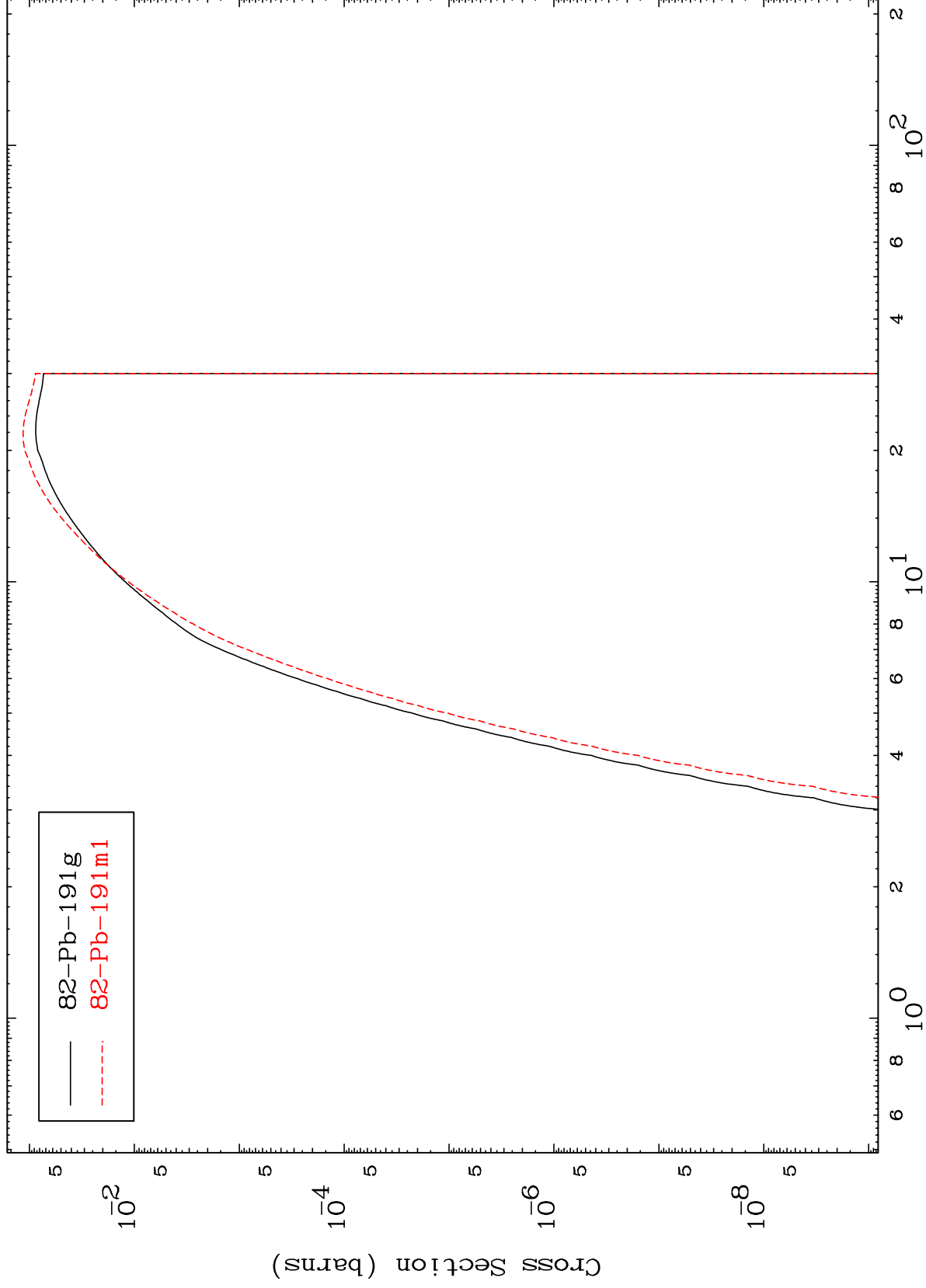
Radionuclide Production Cross Section
(n,3n) α



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83-Bi-192

(n,n') p
Radionuclide Production Cross Section



58

Incident Energy (MeV)

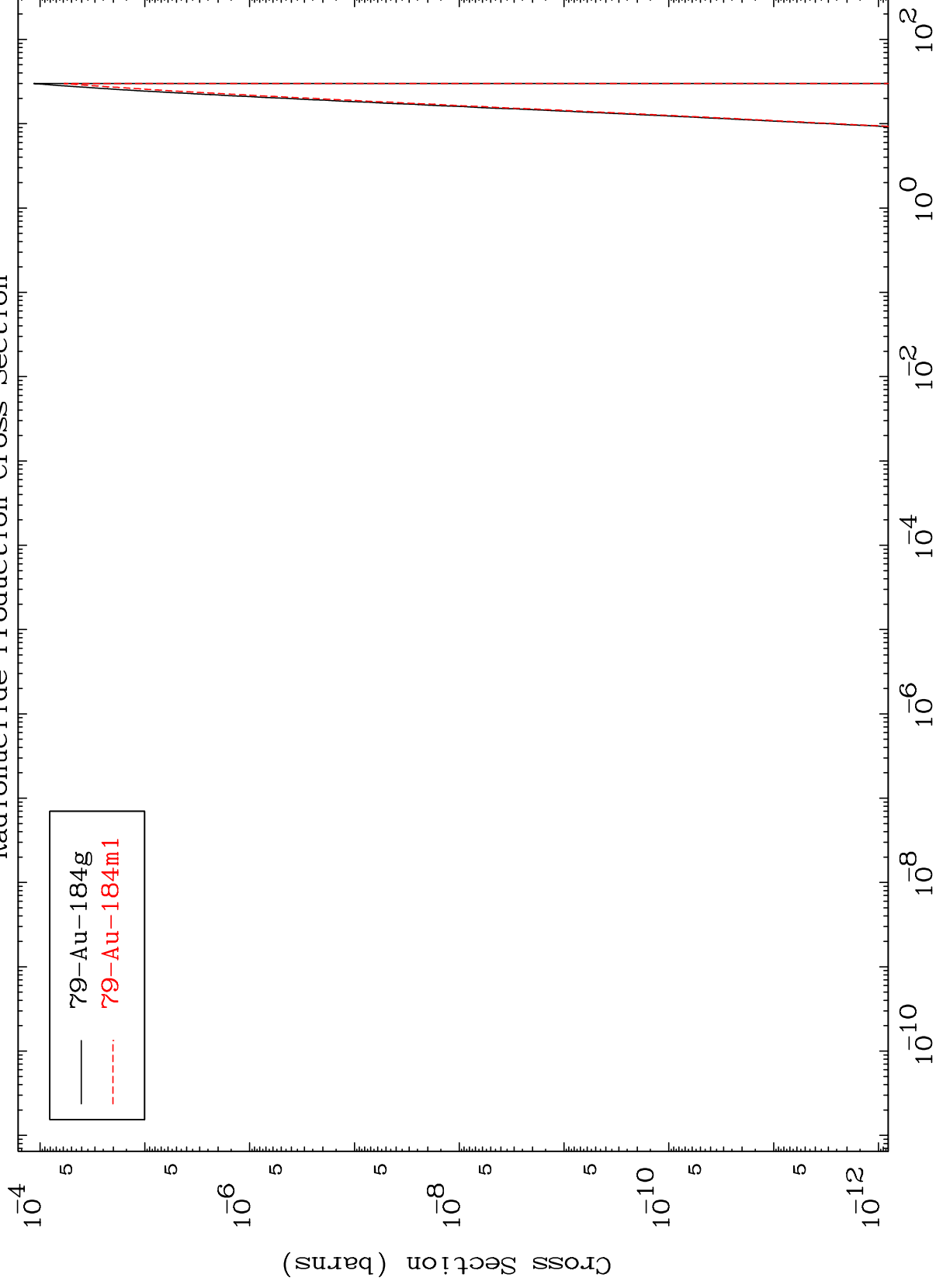
83-Bi-192

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(n,n') 2 α

83-Bi-192

Radionuclide Production Cross Section



59

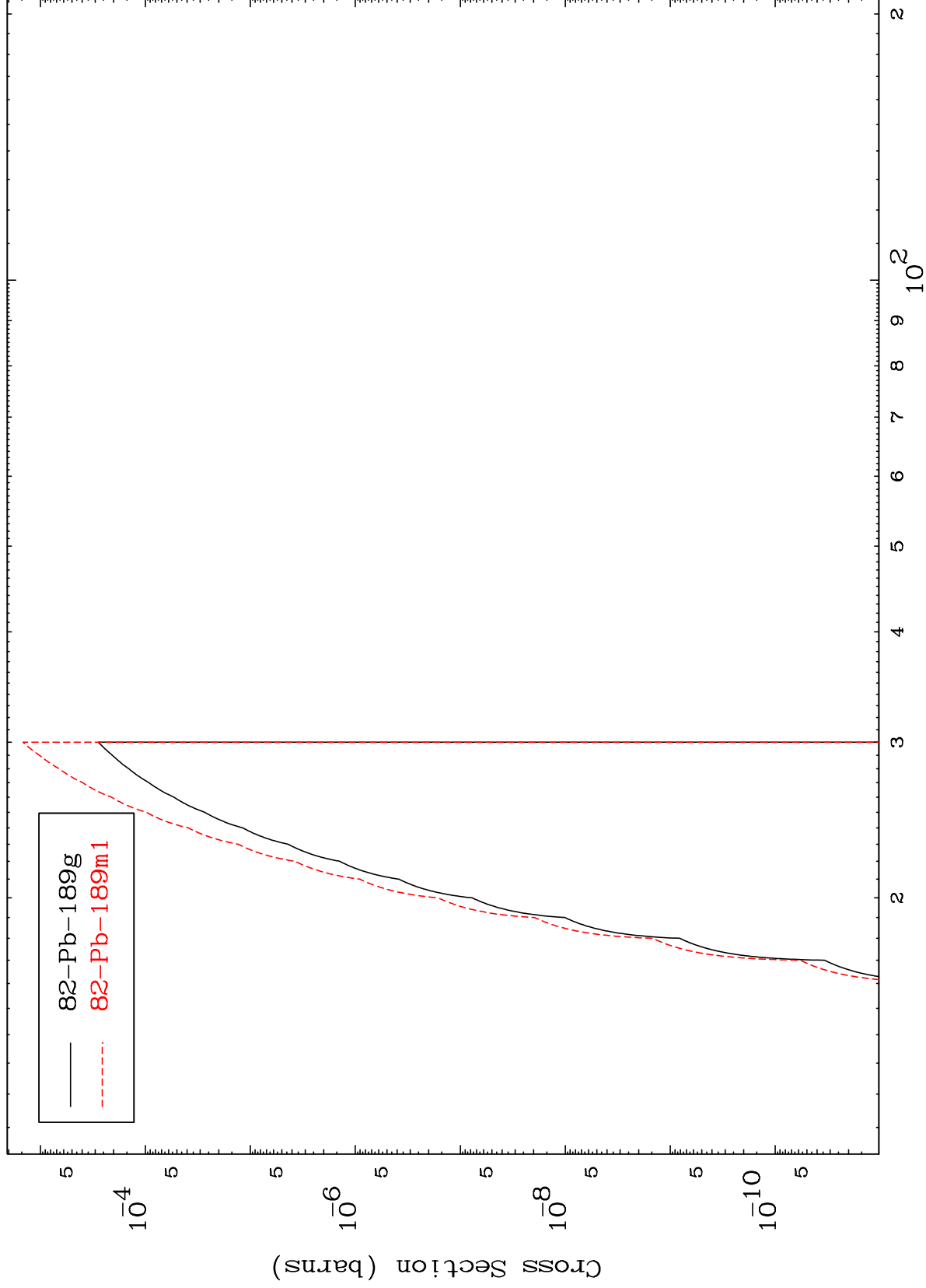
Incident Energy (MeV)

83-Bi-192

MAT 8274

83-Bi-192

(n,n') t
Radionuclide Production Cross Section



60

Incident Energy (MeV)

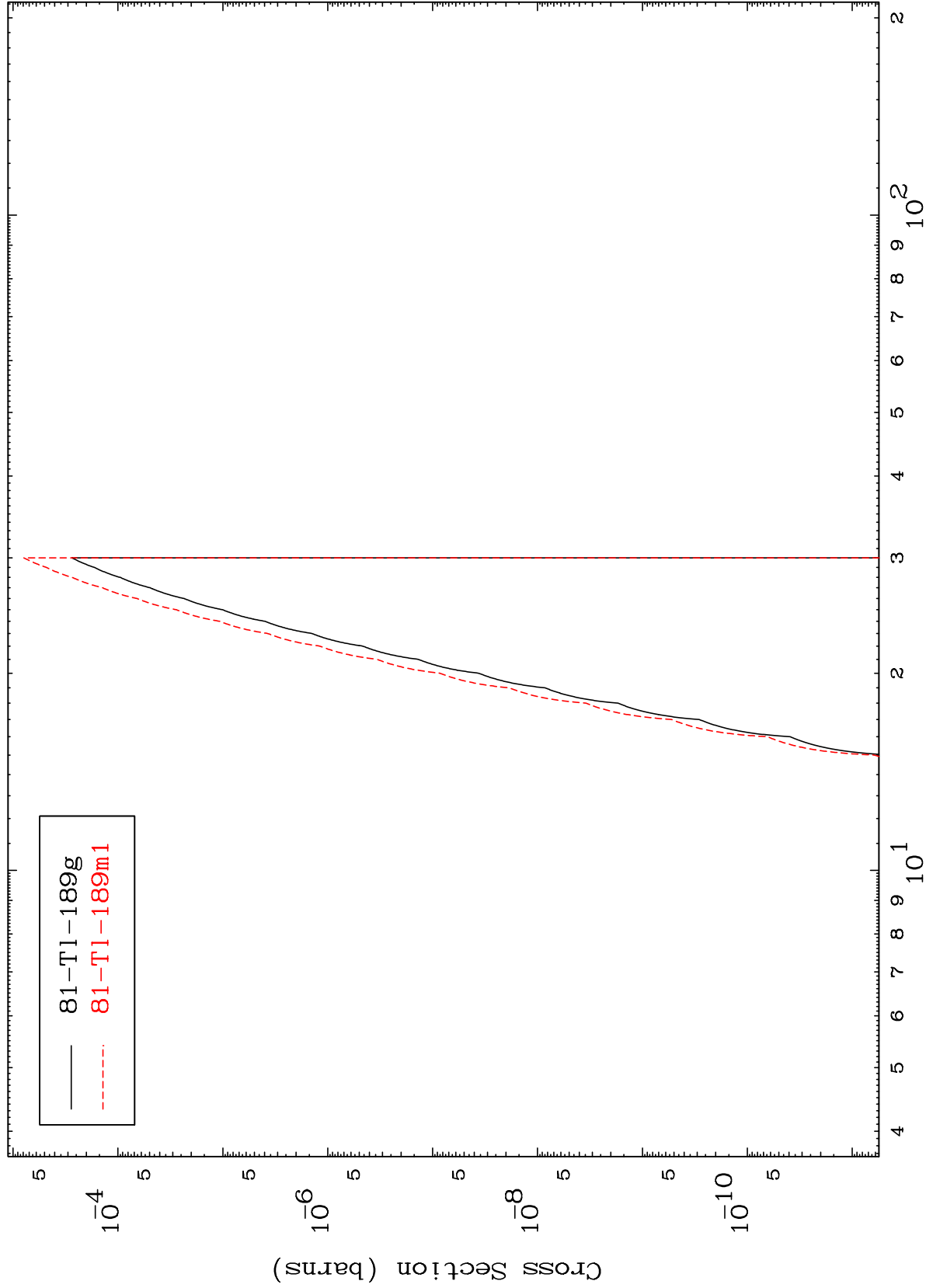
83-Bi-192

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(n,n') He-3

83-Bi-192

Radionuclide Production Cross Section



61

Incident Energy (MeV)

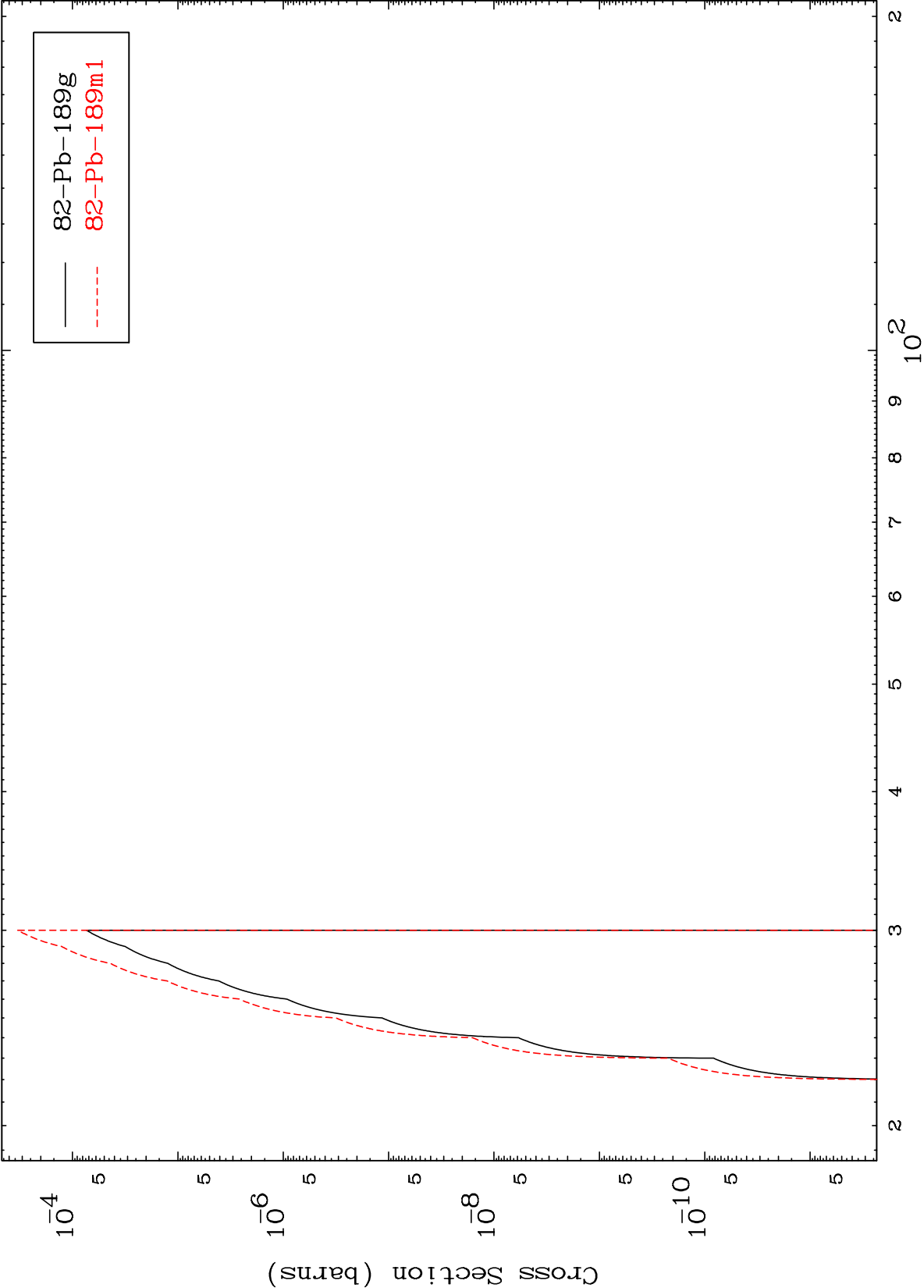
83-Bi-192

MAT 8274

(n,3n) p

83-Bi-192

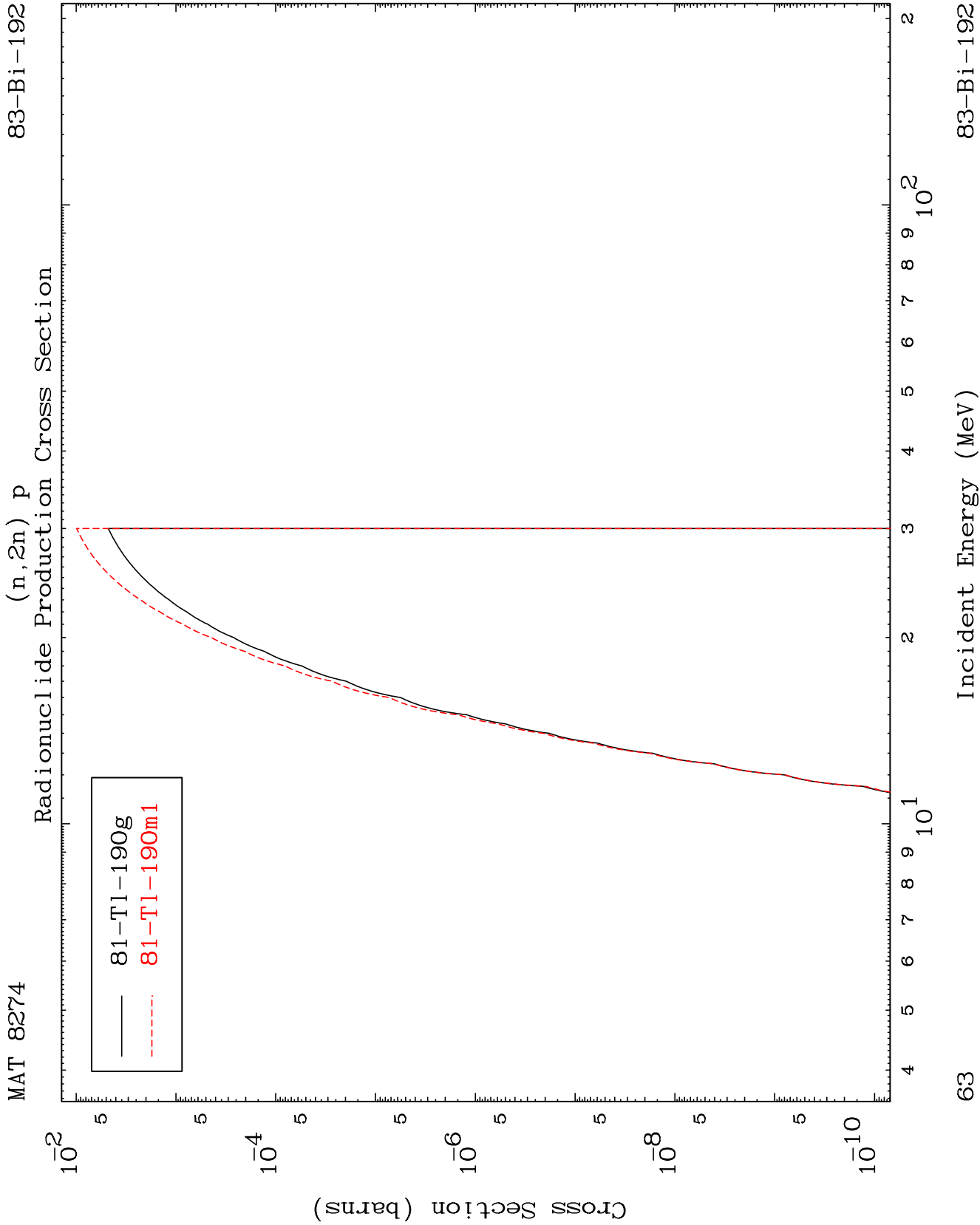
Radionuclide Production Cross Section



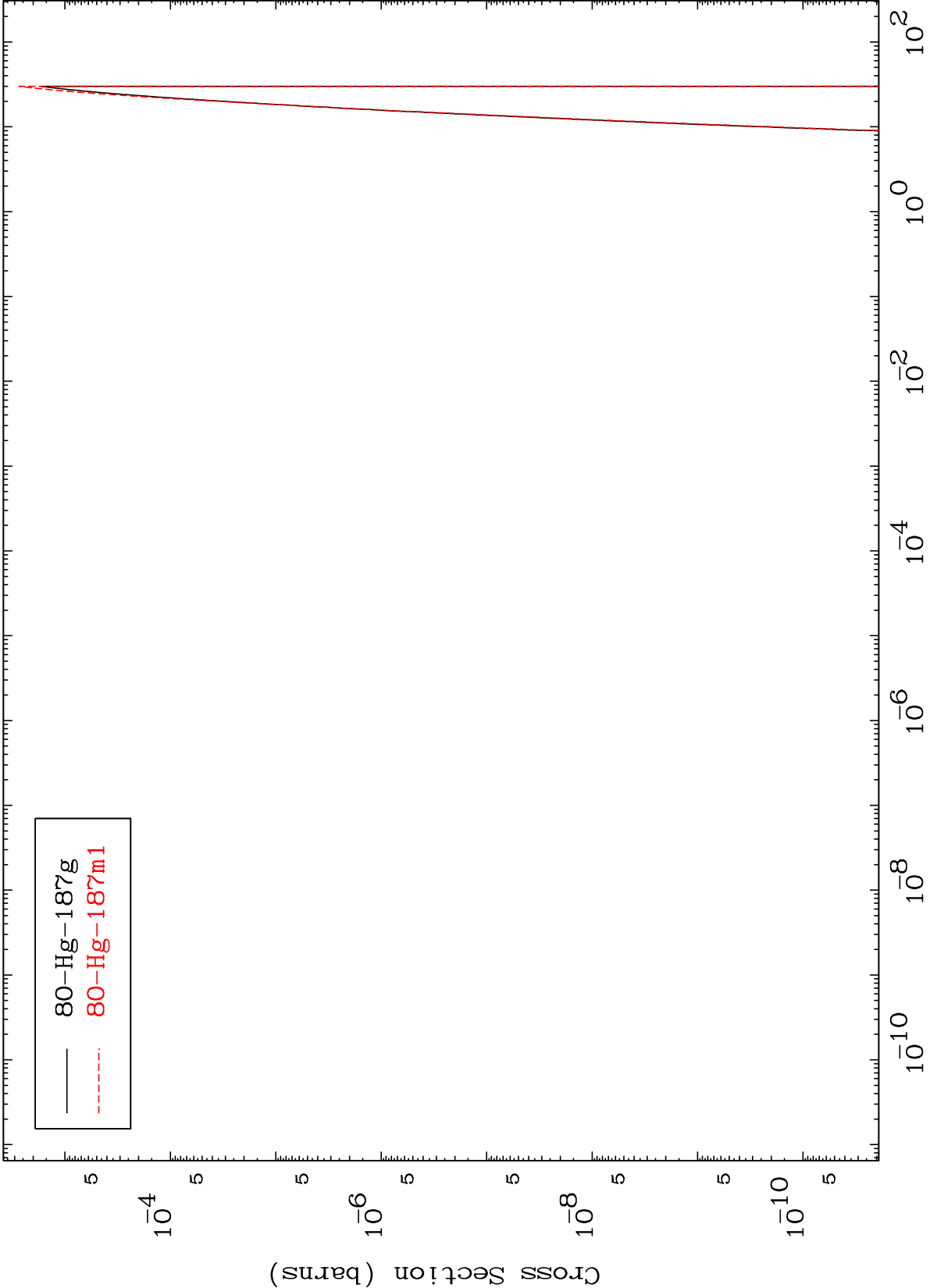
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Incident Energy (MeV)

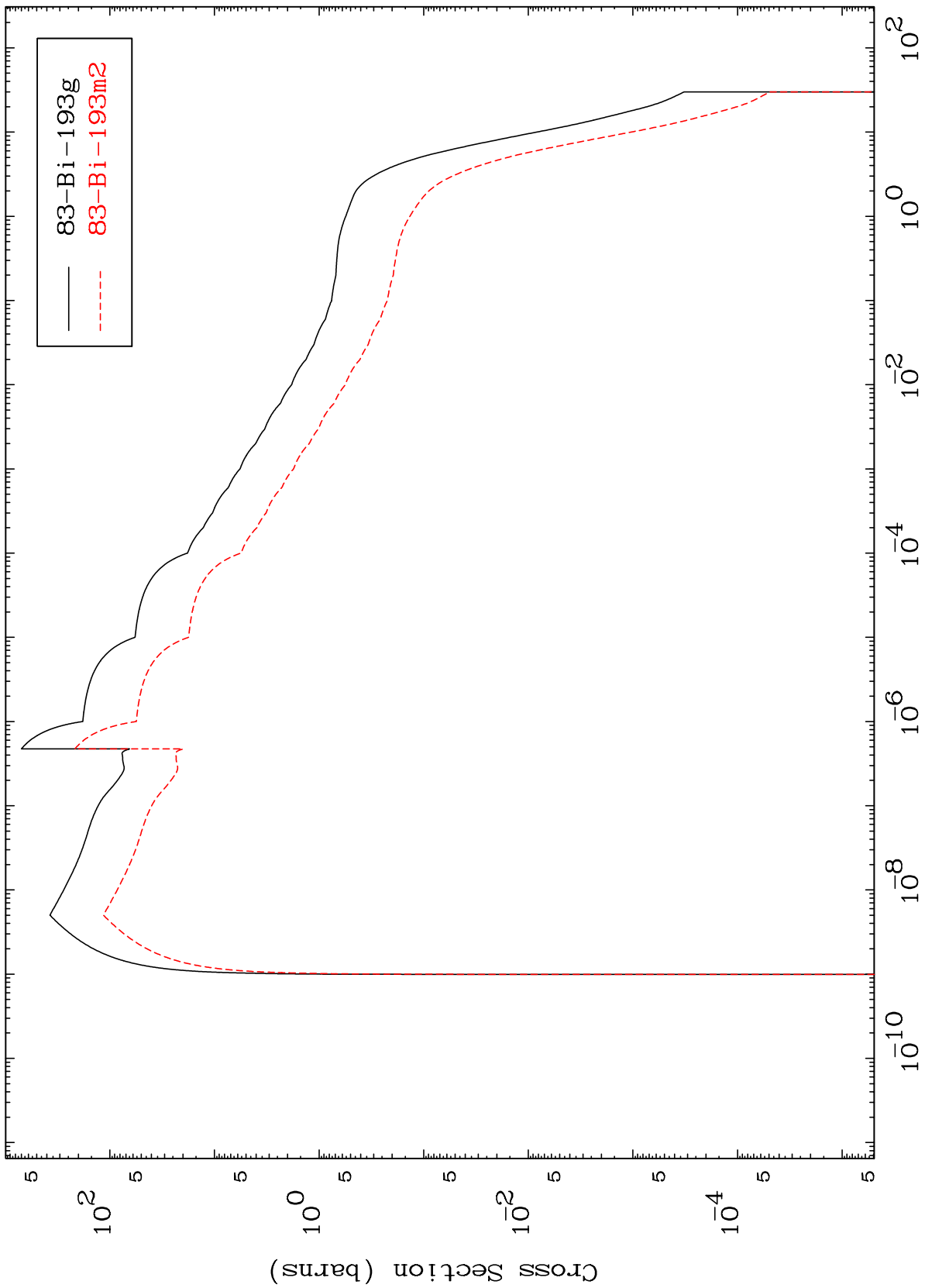
83-Bi-192



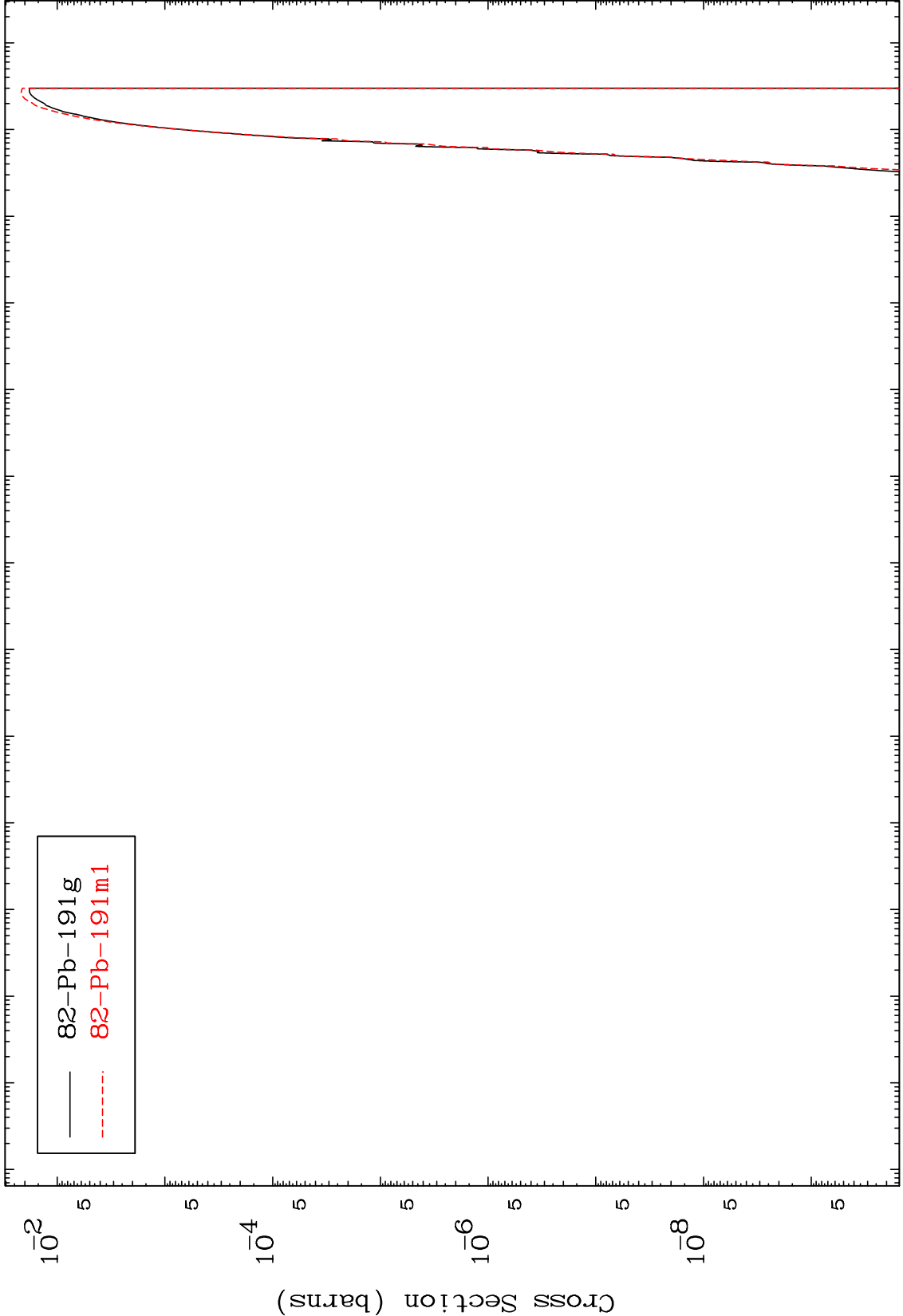
Radionuclide Production Cross Section



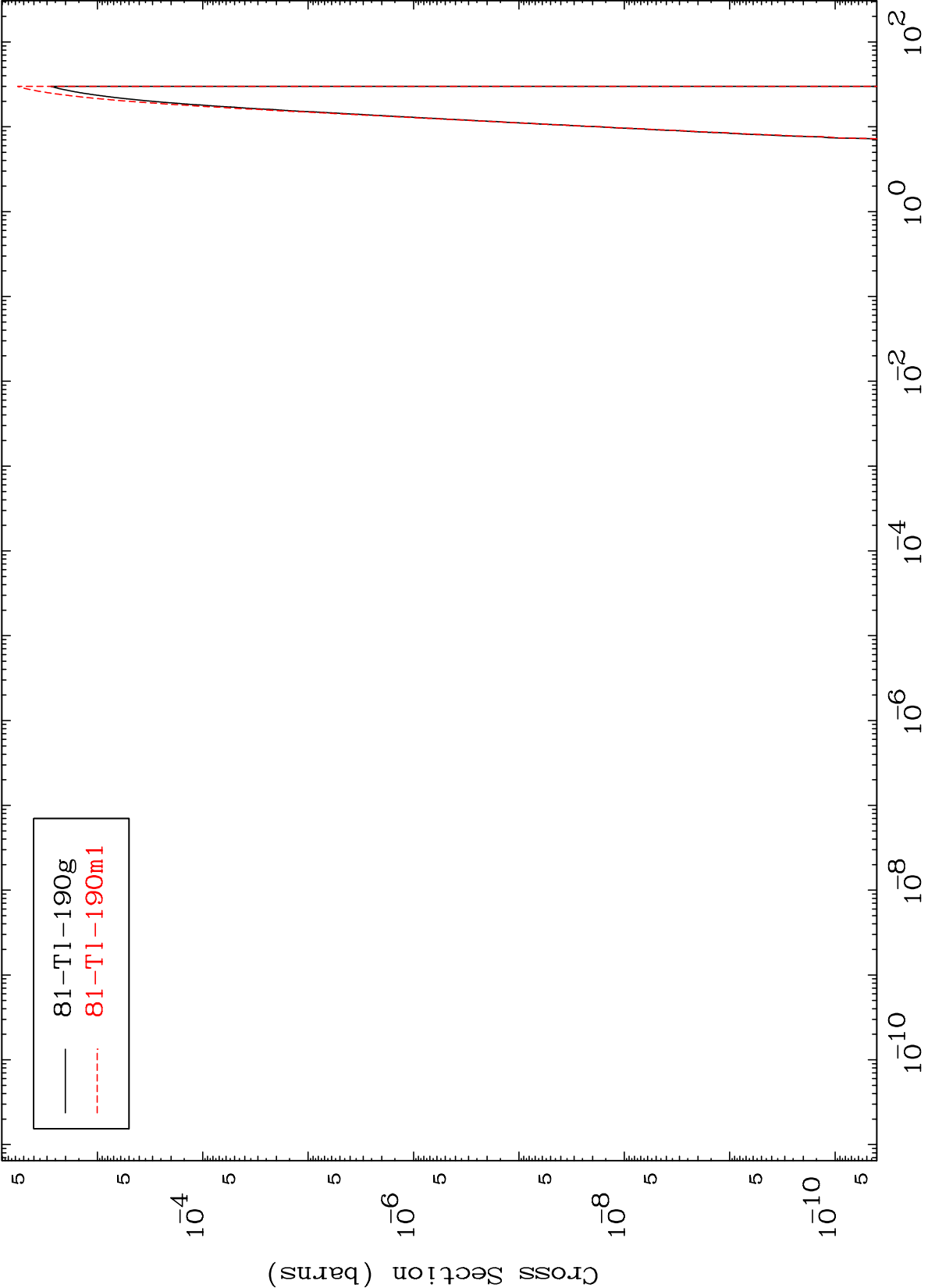
Radionuclide Production Cross Section
(n, γ)

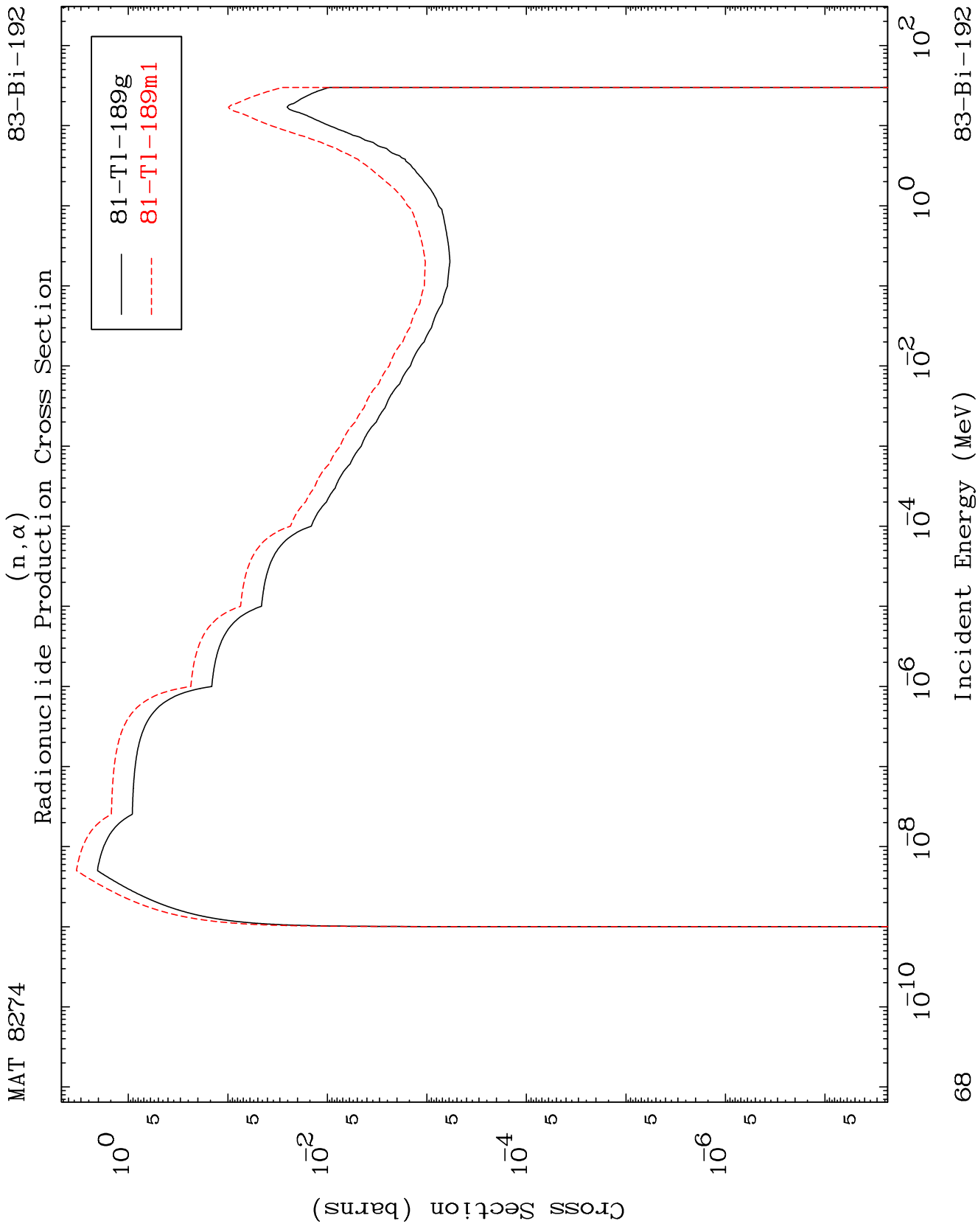


Radionuclide Production Cross Section

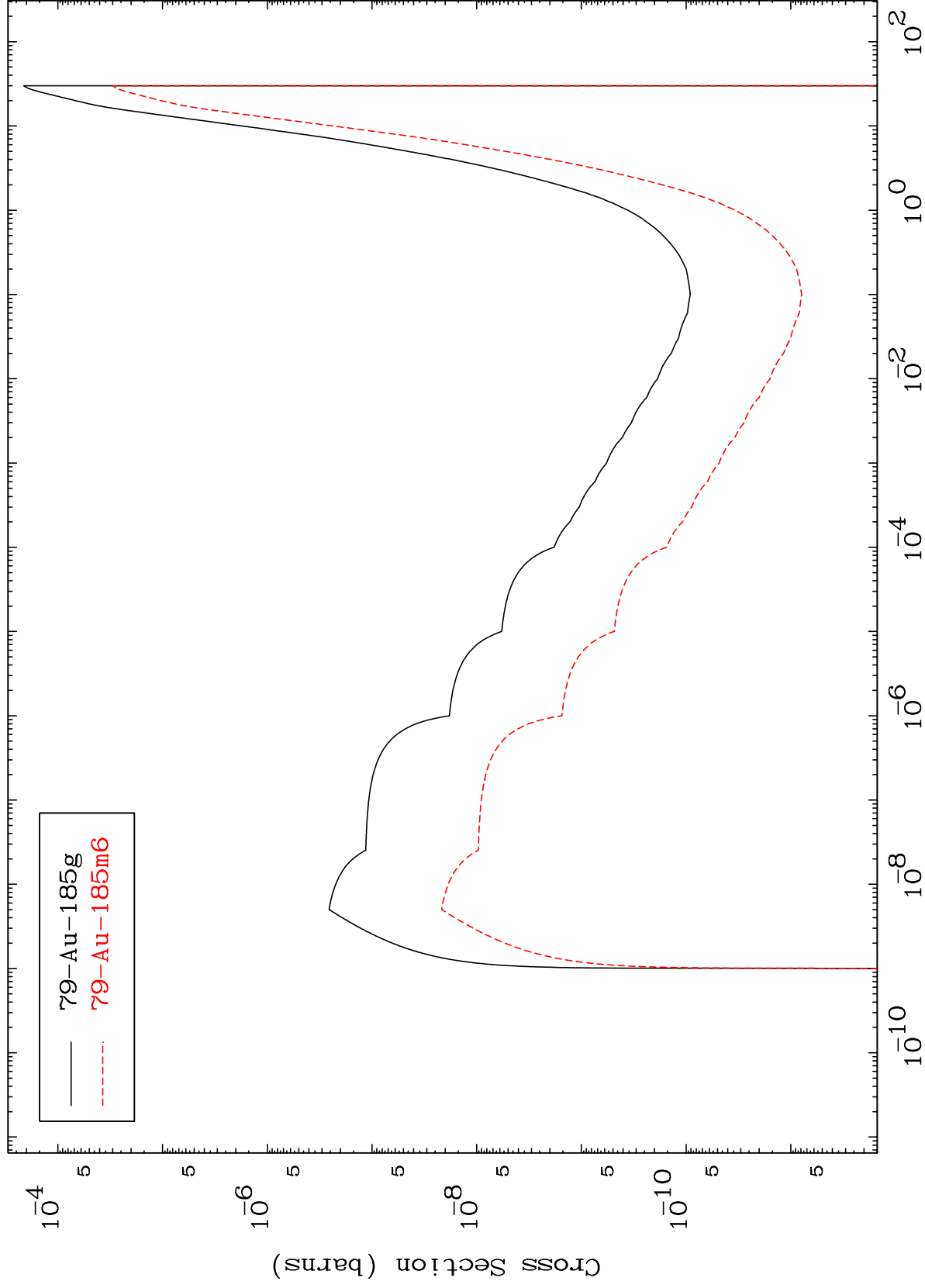


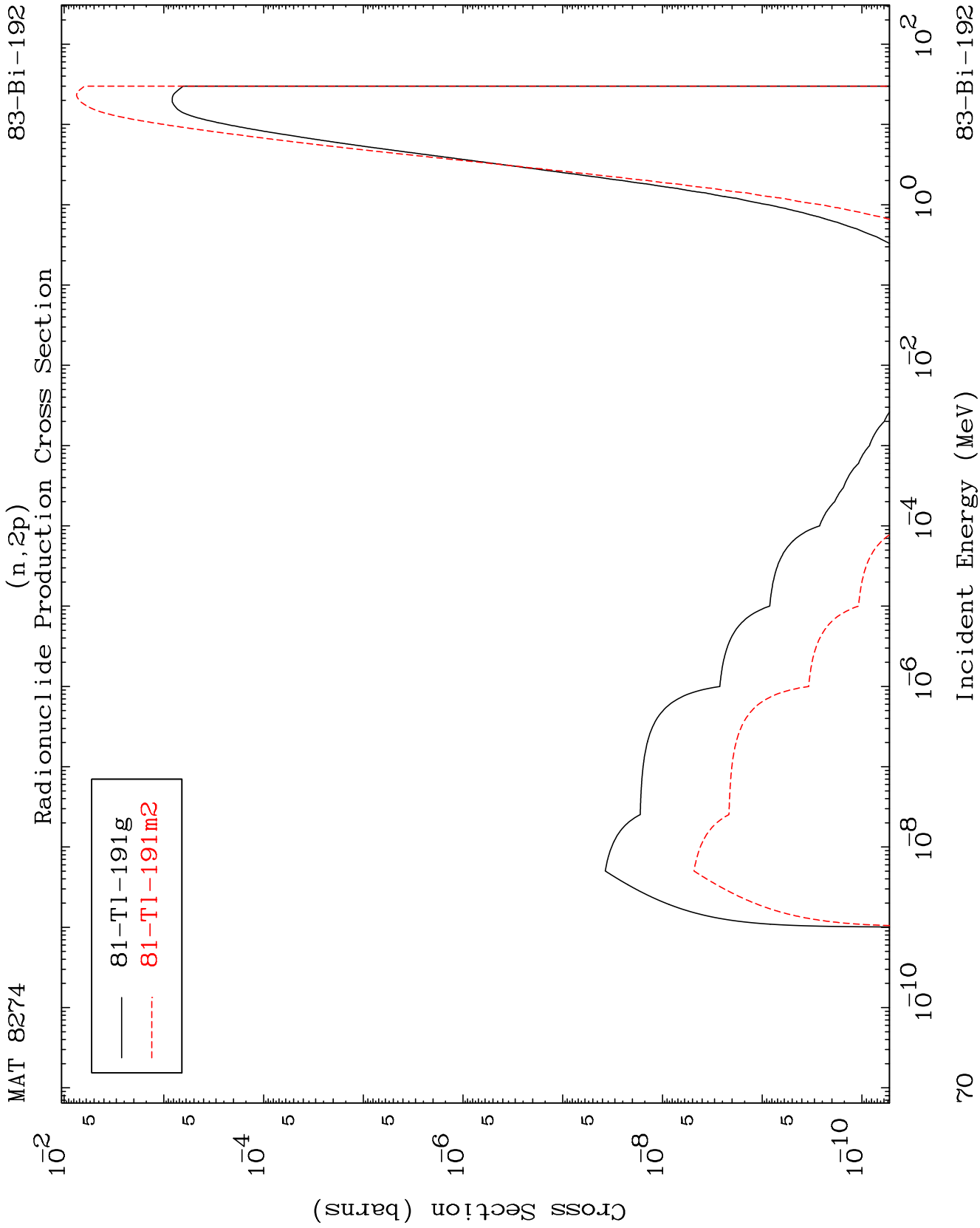
Radionuclide Production Cross Section





Radionuclide Production Cross Section
(n,2α)

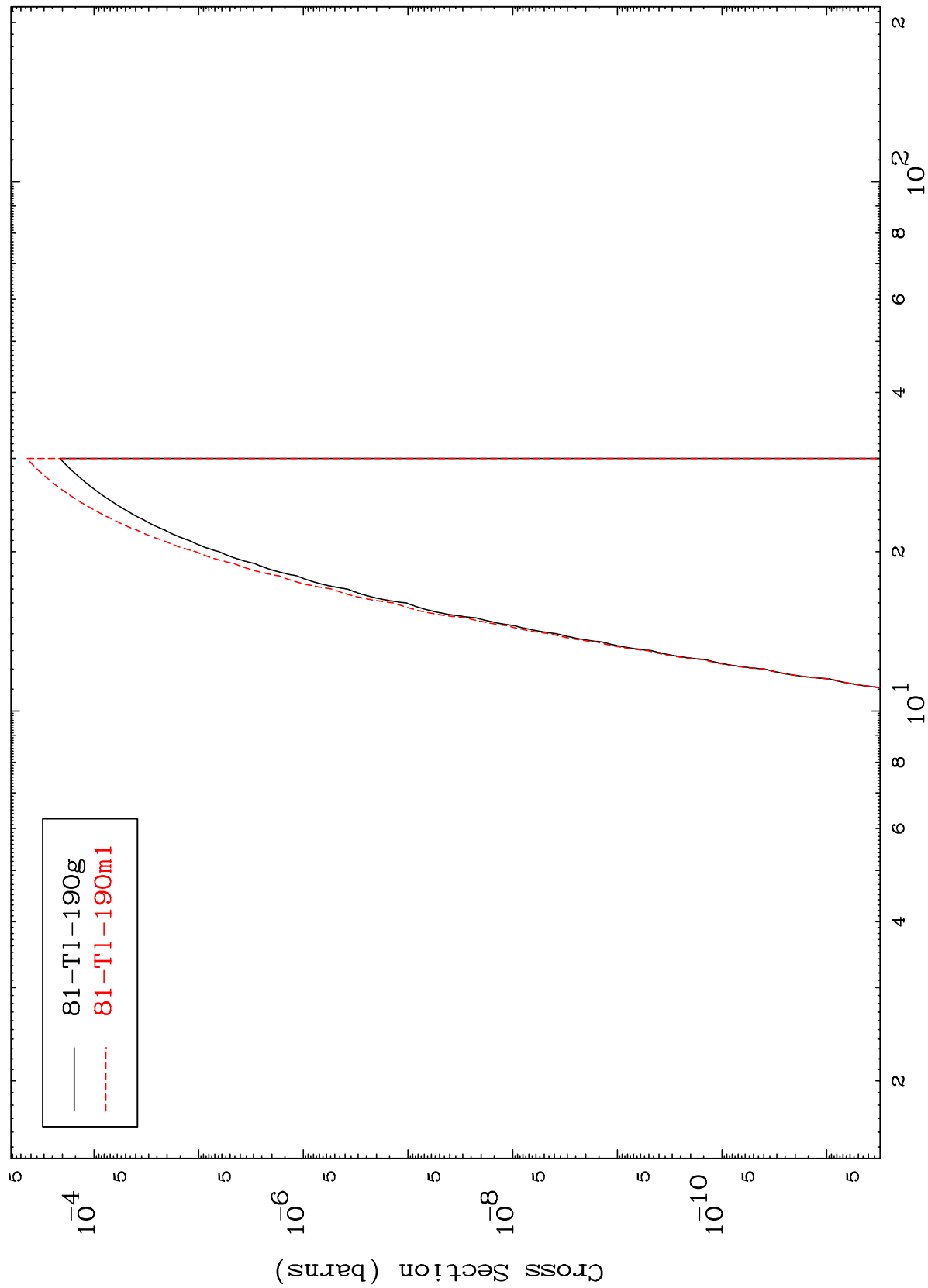




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83-Bi-192

(n,p) d
Radionuclide Production Cross Section



71

Incident Energy (MeV)

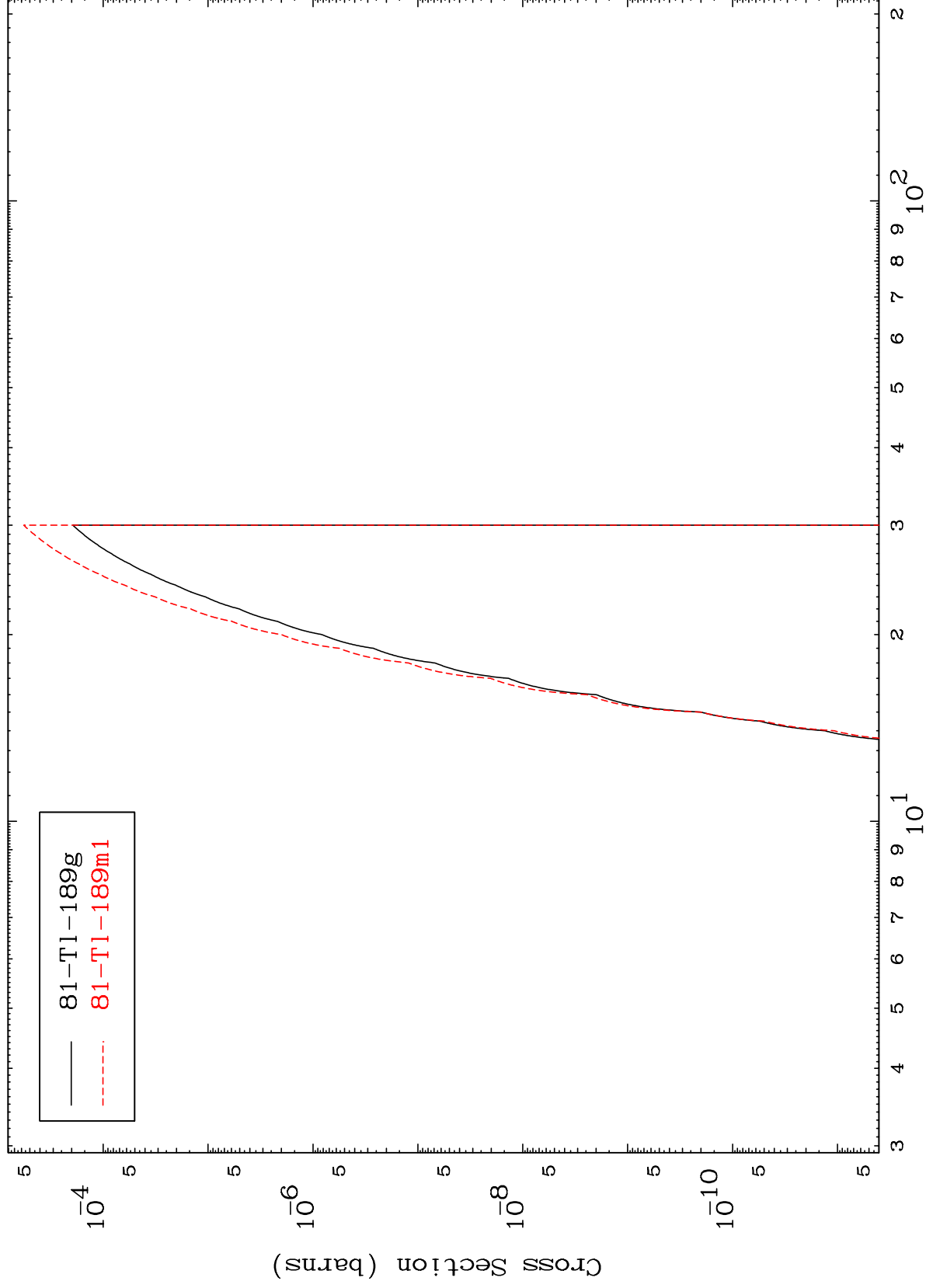
83-Bi-192

MAT 8274

(n,p) t

83-Bi-192

Radionuclide Production Cross Section



72

Incident Energy (MeV)

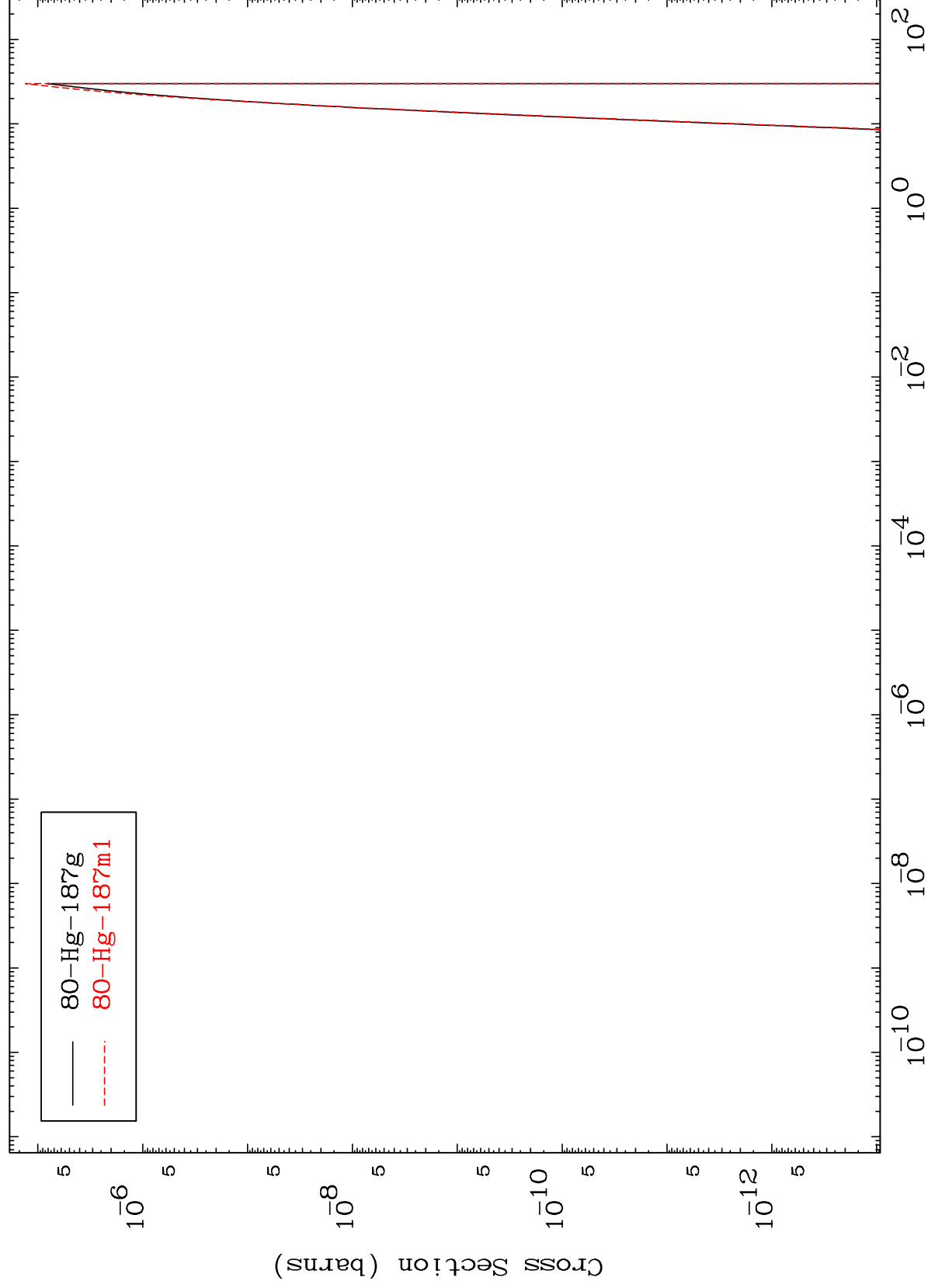
83-Bi-192

MAT 8274

(n,d) α

83-Bi-192

Radionuclide Production Cross Section



73

Incident Energy (MeV)

83-Bi-192