

Program EVALPLOT
(Version 2015-2)

by

Dermott E. Cullen
(Present Contact Information)

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

Tele: 925-443-1911

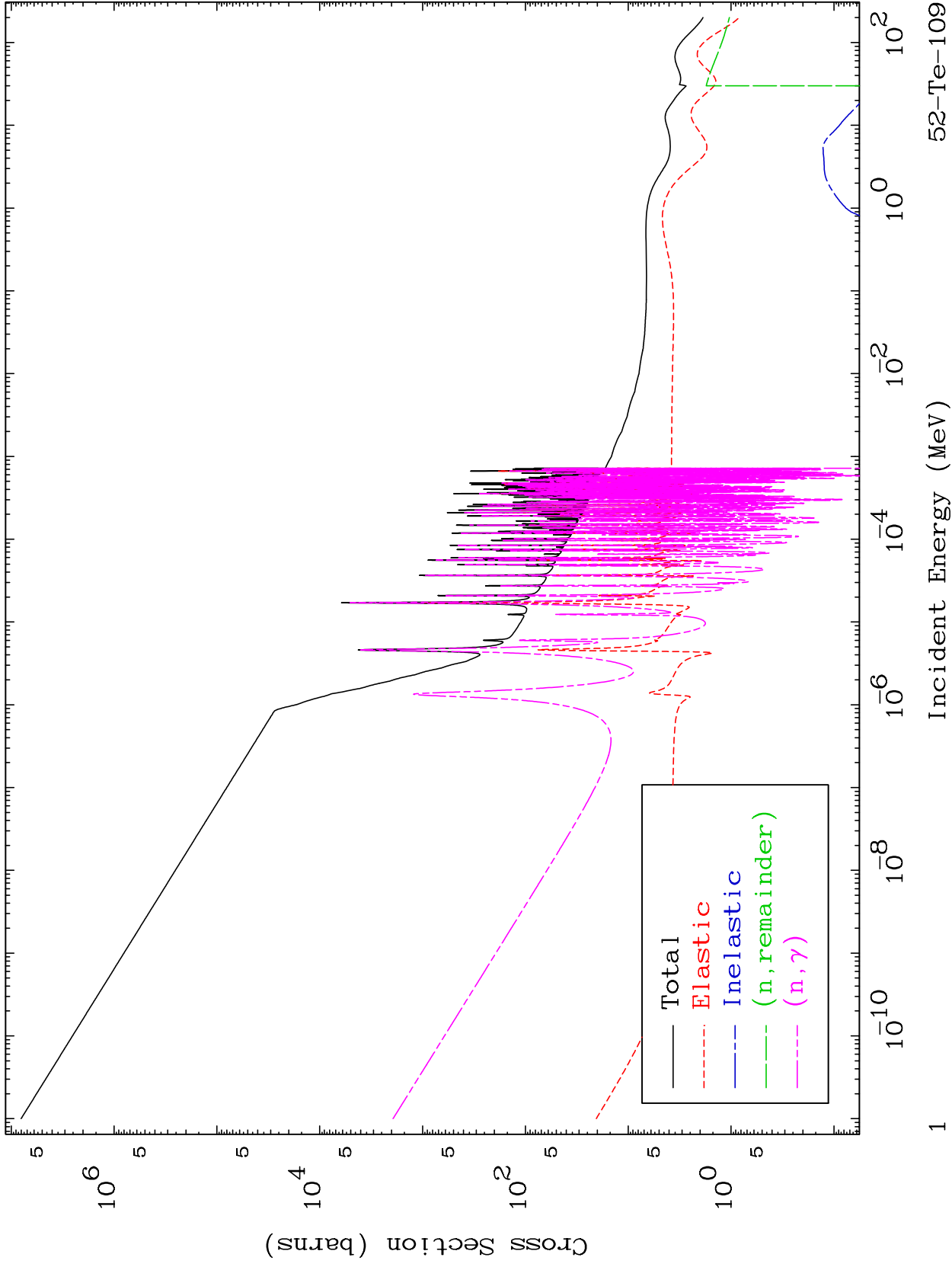
E.Mail:redcullen1@comcast.net
Web:home.comcast.net/~redcullen1

Press Mouse Button to Start

MAT 5192

Major
293 Kelvin Cross Sections

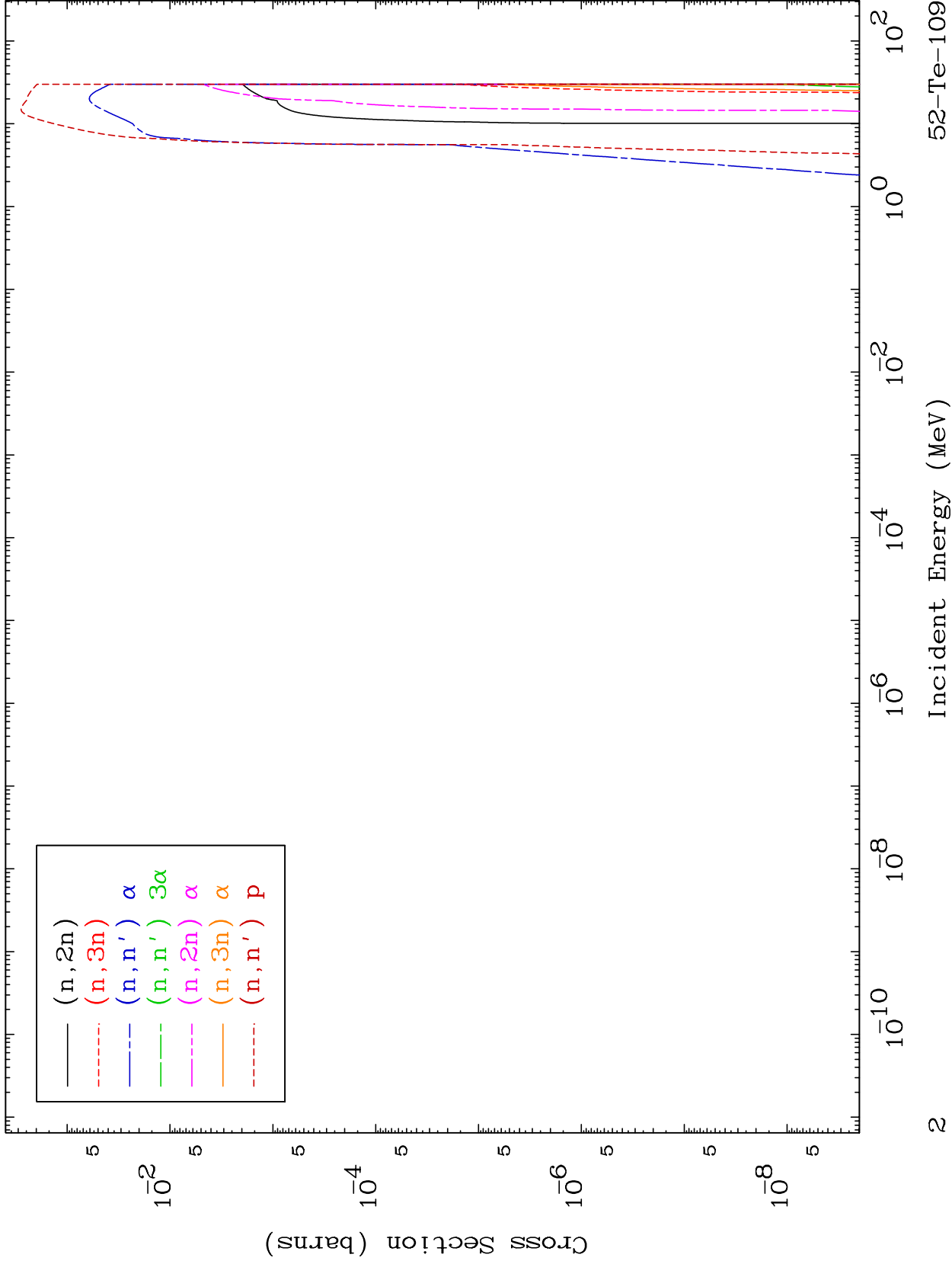
52-Te-109



MAT 5192

Neutron Production
293 Kelvin Cross Sections

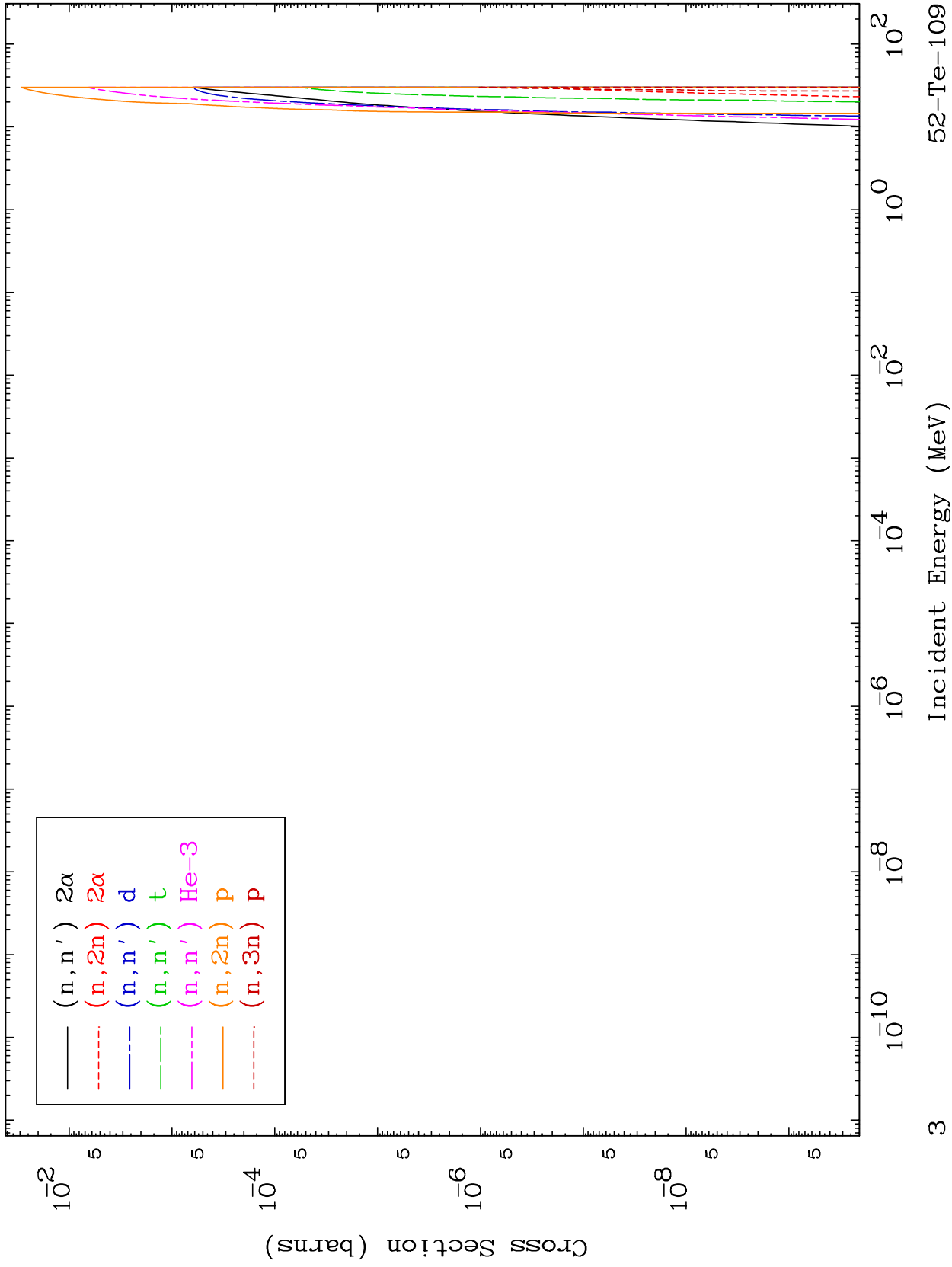
52-Te-109



MAT 5192

Neutron Production
293 Kelvin Cross Sections

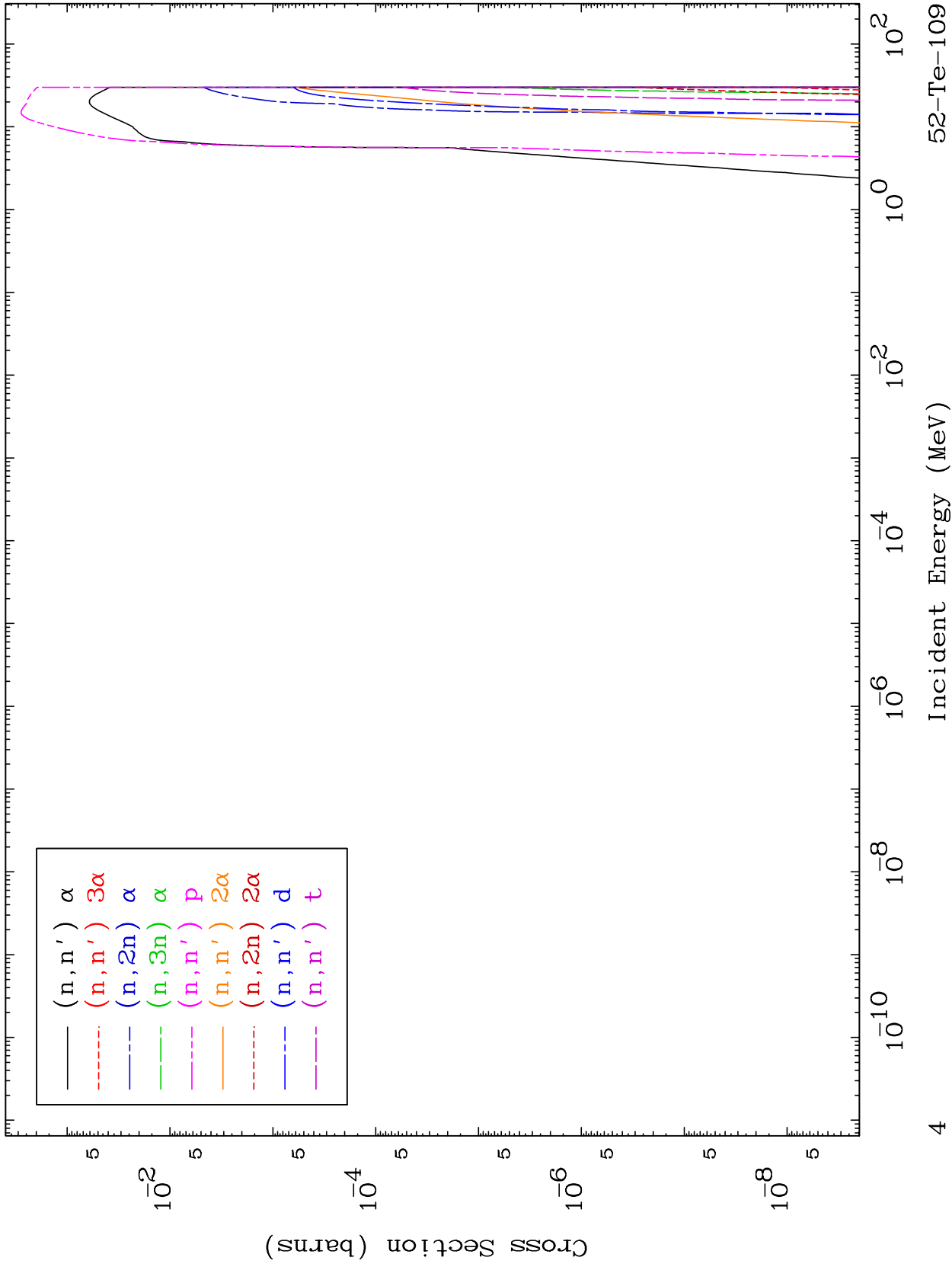
52-Te-109

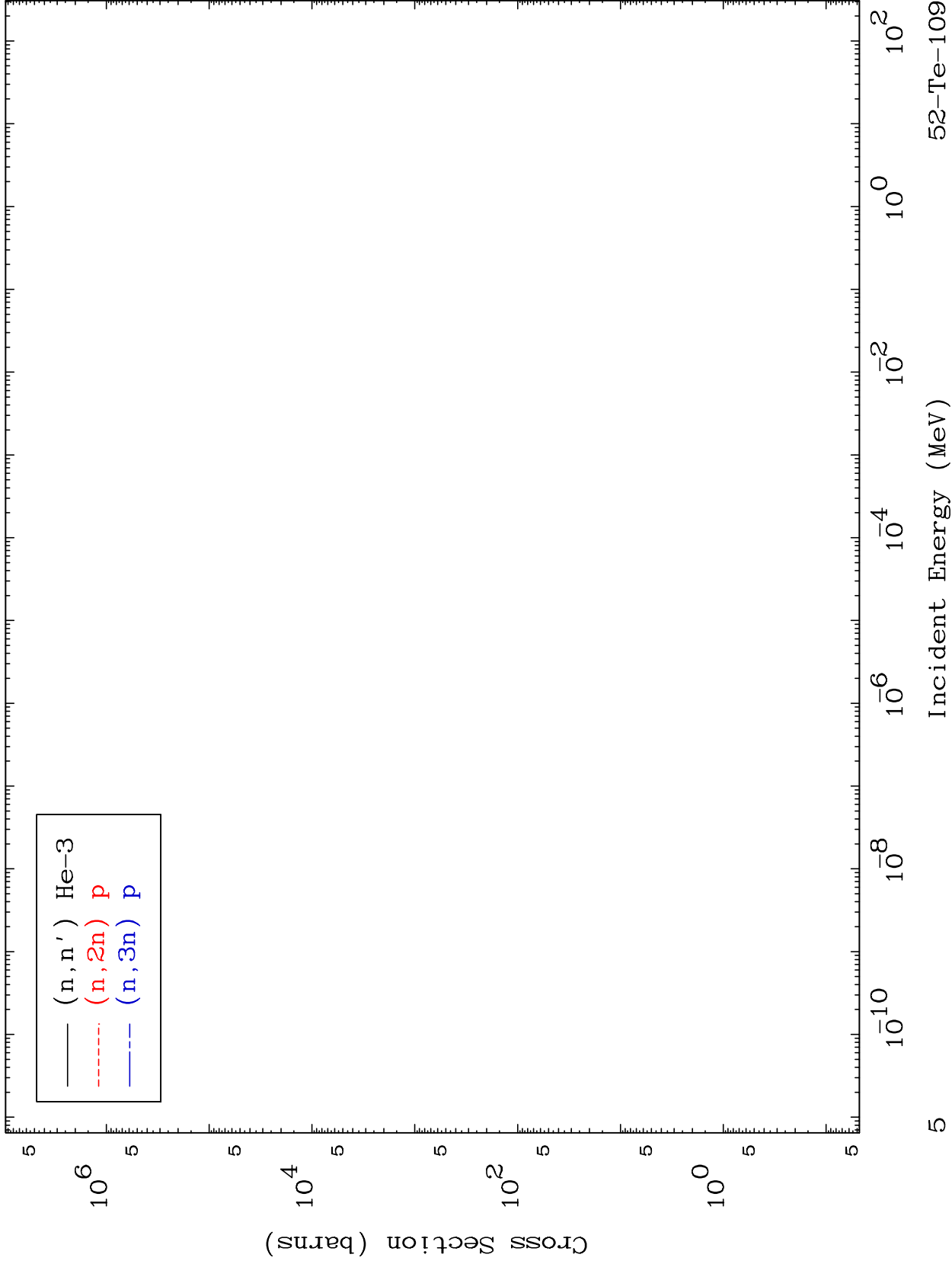


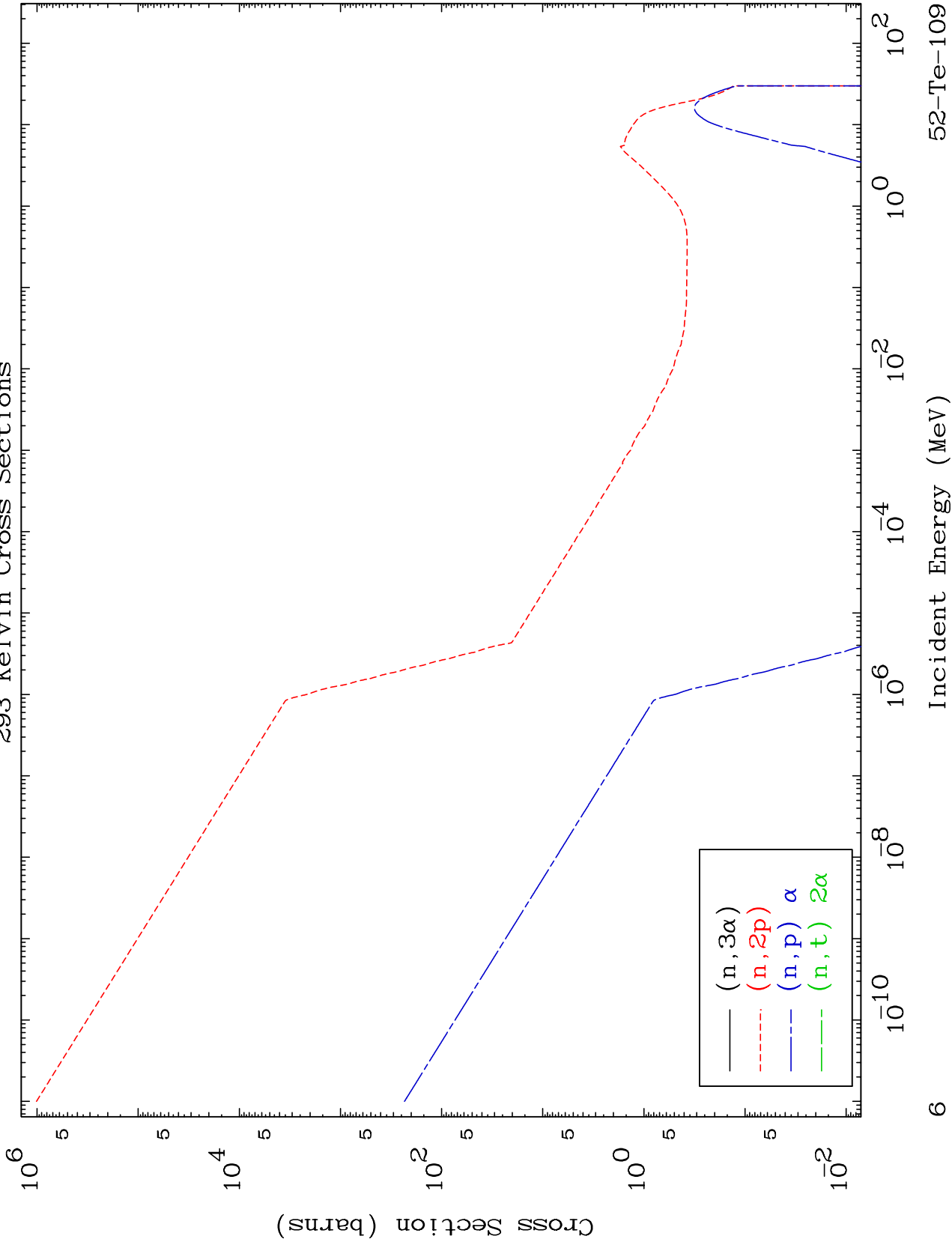
MAT 5192

Charged Particle
293 Kelvin Cross Sections

52-Te-109



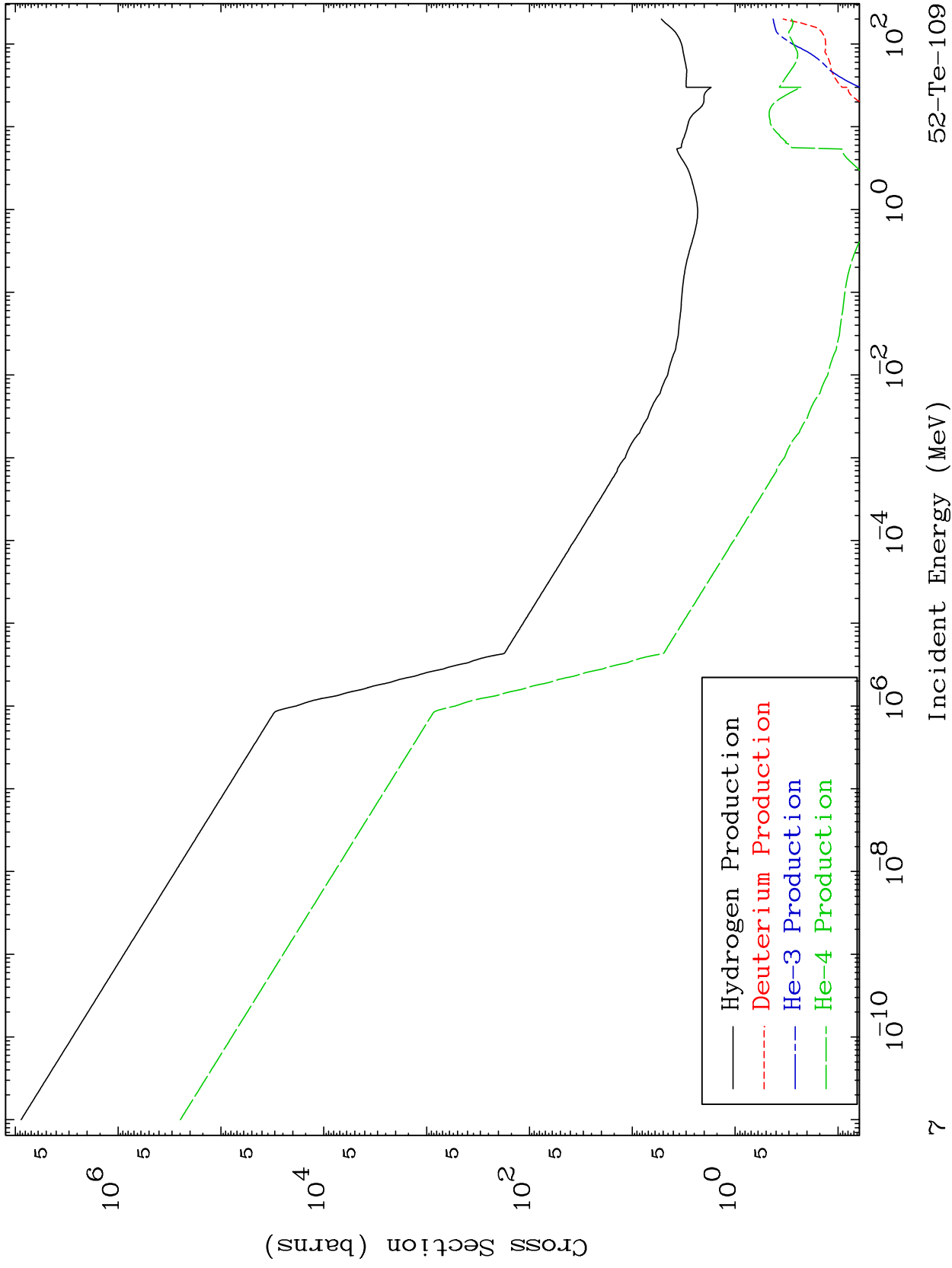




MAT 5192

Particle Production
293 Kelvin Cross Sections

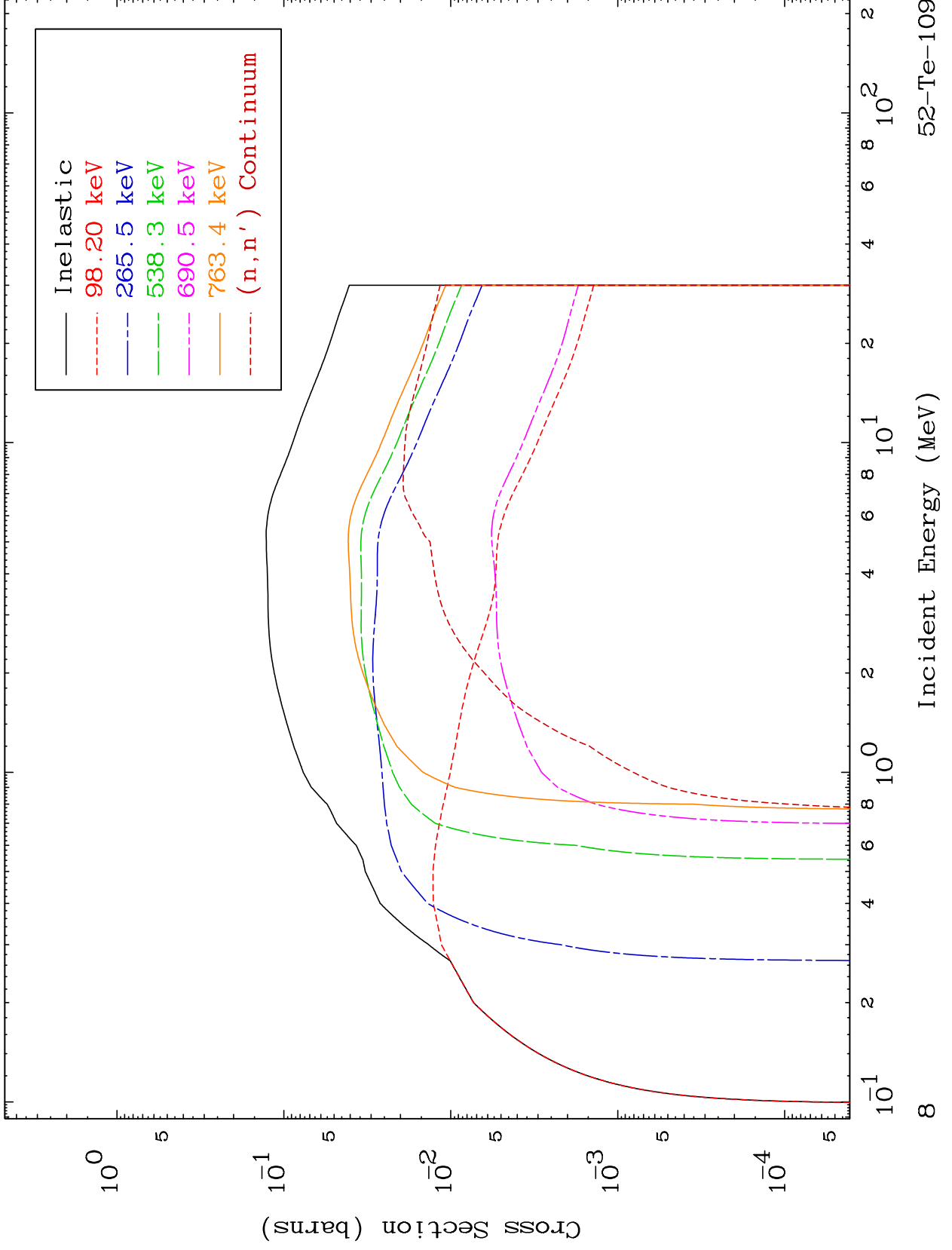
52-Te-109



MAT 5192

(n,n') Level
293 Kelvin Cross Sections

52-Te-109



52-Te-109

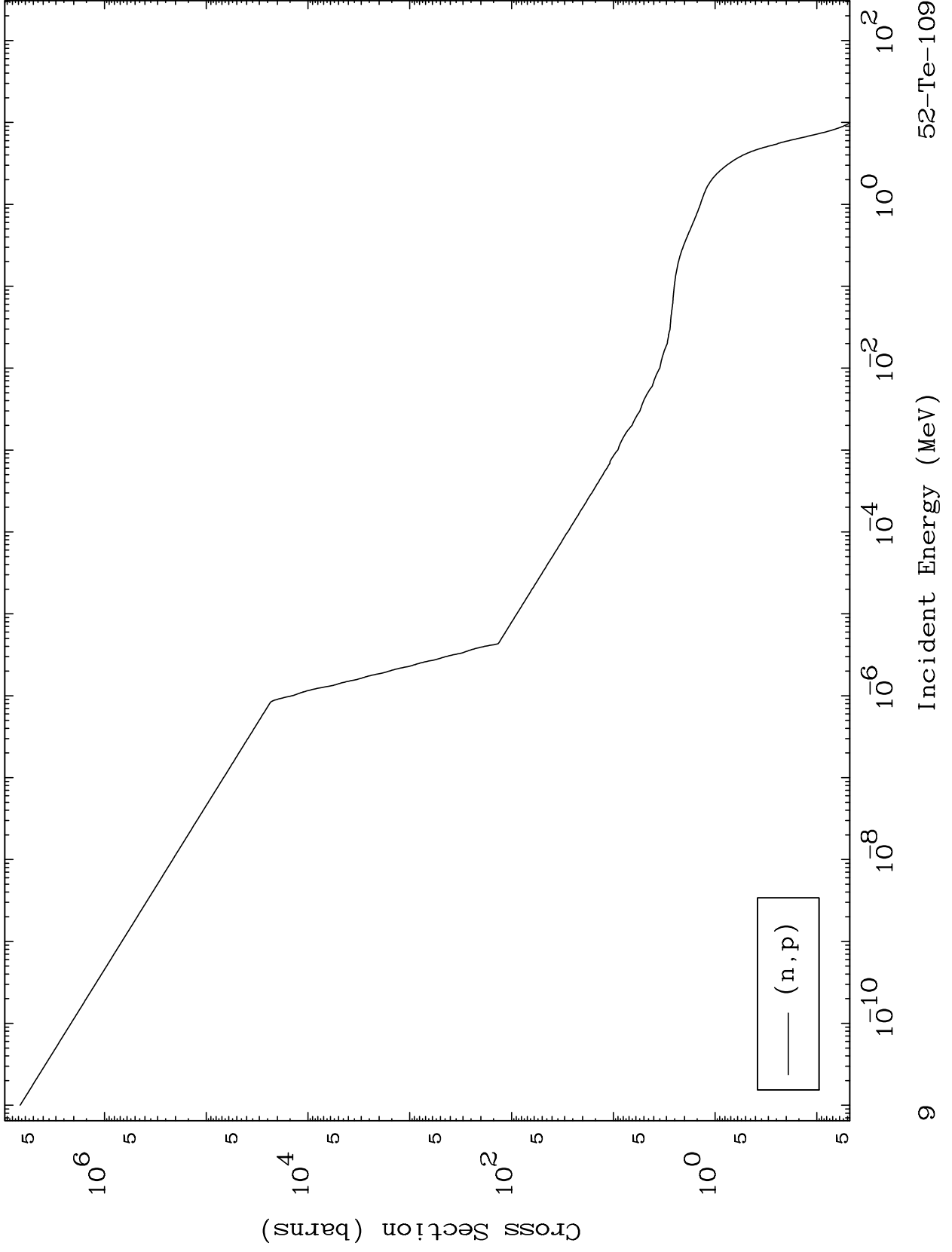
Incident Energy (MeV)

8

MAT 5192

(n,p) Levels
293 Kelvin Cross Sections

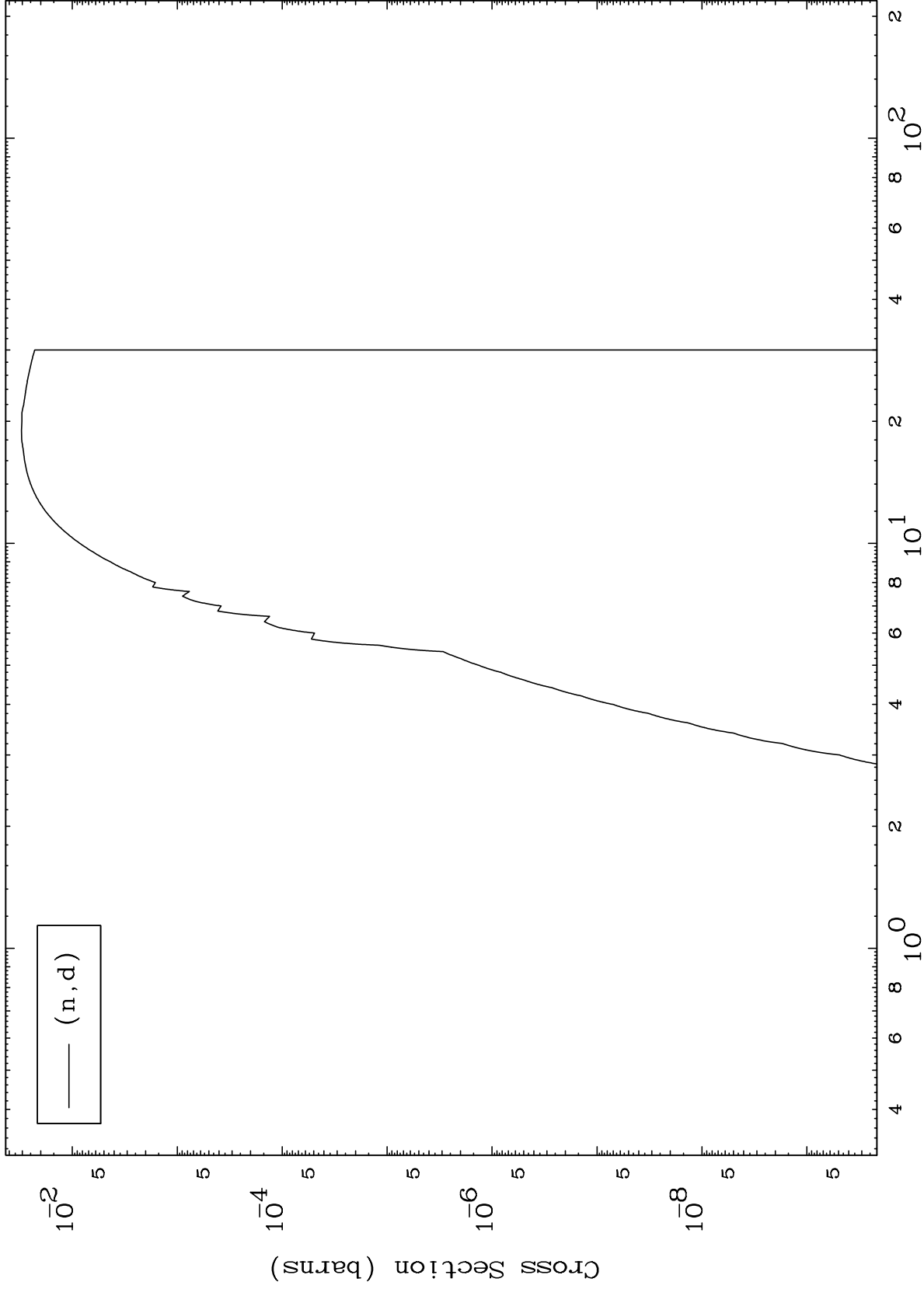
52-Te-109



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52-Te-109

(n,d) Levels
293 Kelvin Cross Sections



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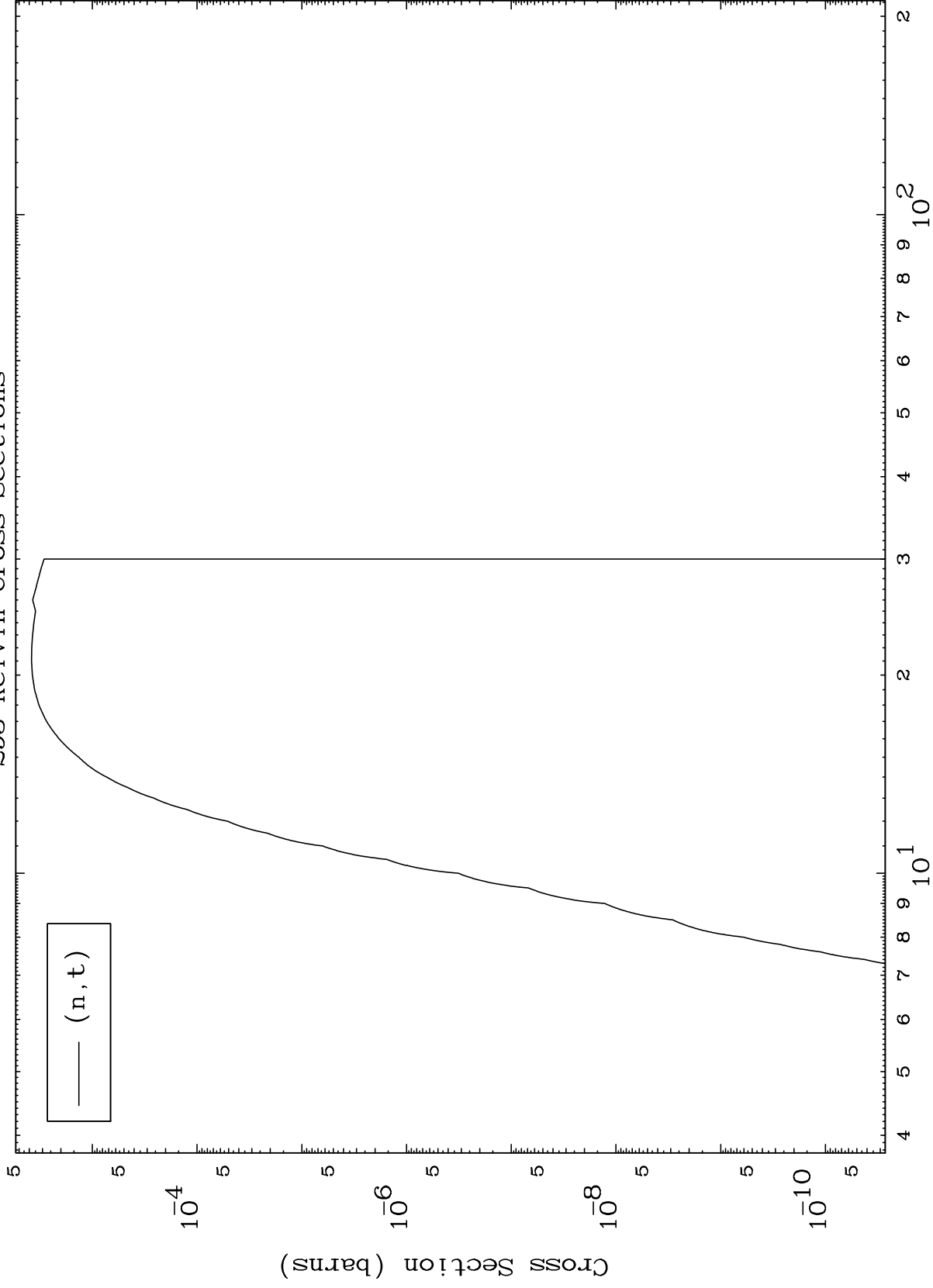
Incident Energy (MeV)

10

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(n,t) Levels
293 Kelvin Cross Sections

52-Te-109



11

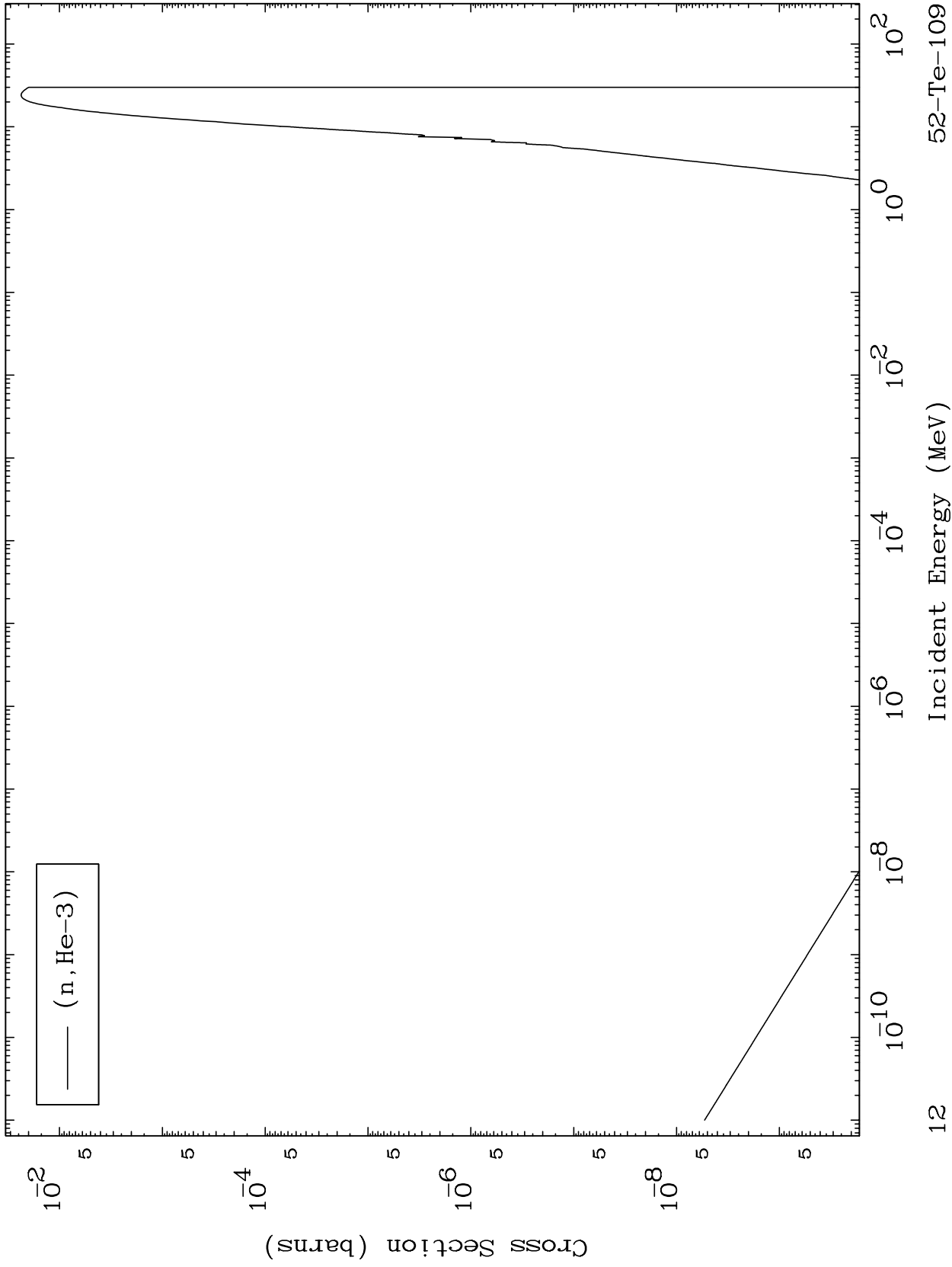
Incident Energy (MeV)

52-Te-109

MAT 5192

(n,He3) Levels
293 Kelvin Cross Sections

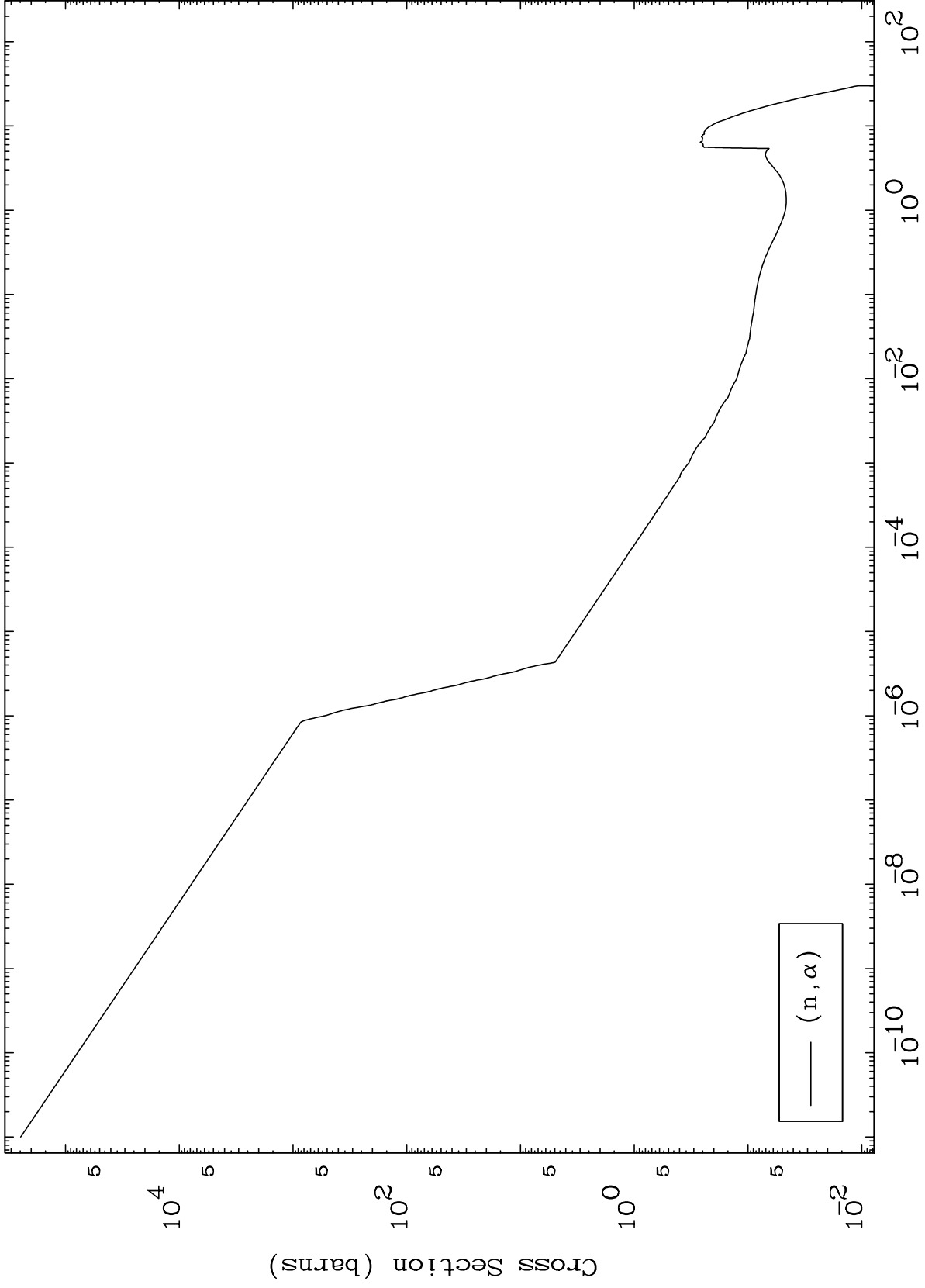
52-Te-109



MAT 5192

(n,α) Levels
293 Kelvin Cross Sections

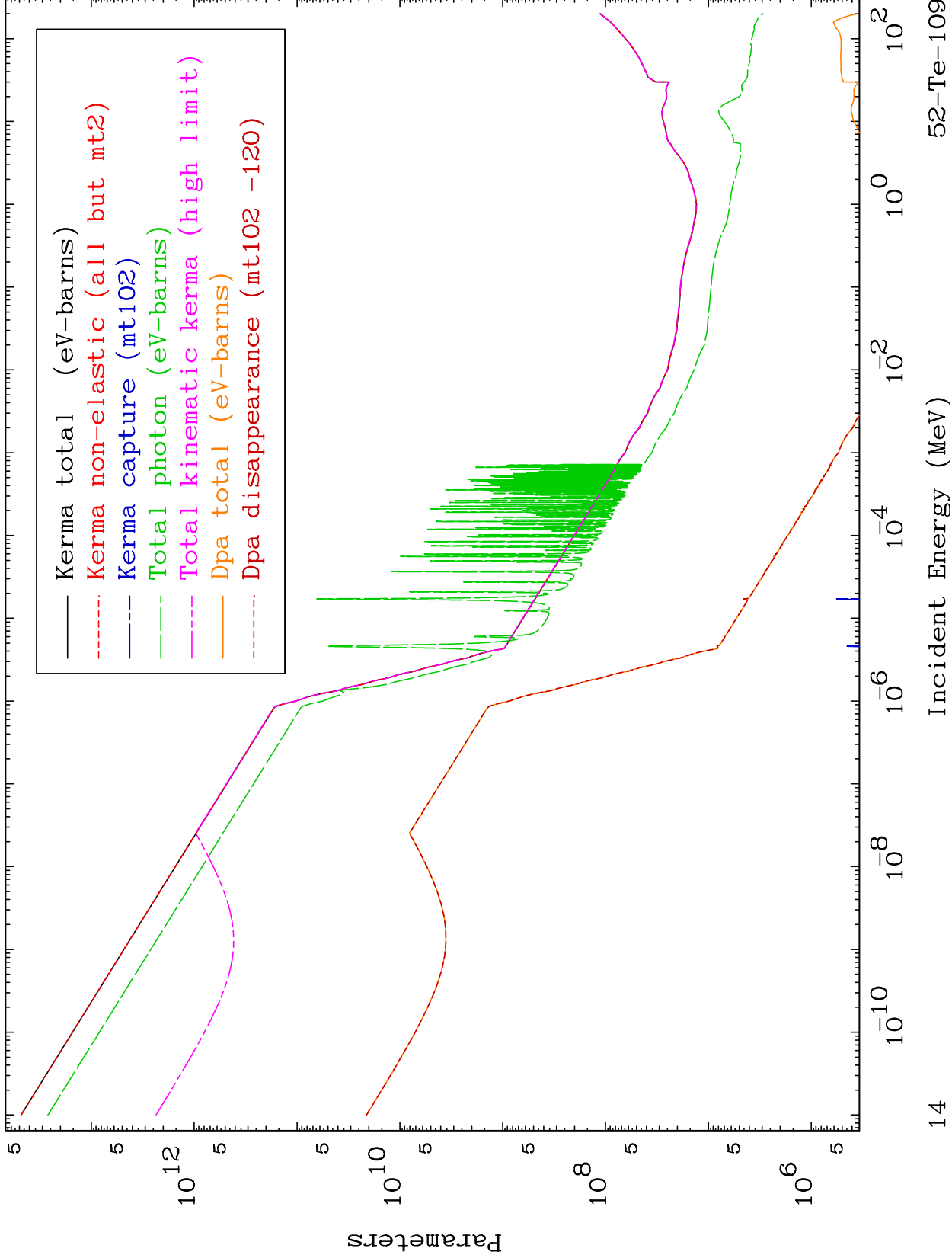
52-Te-109

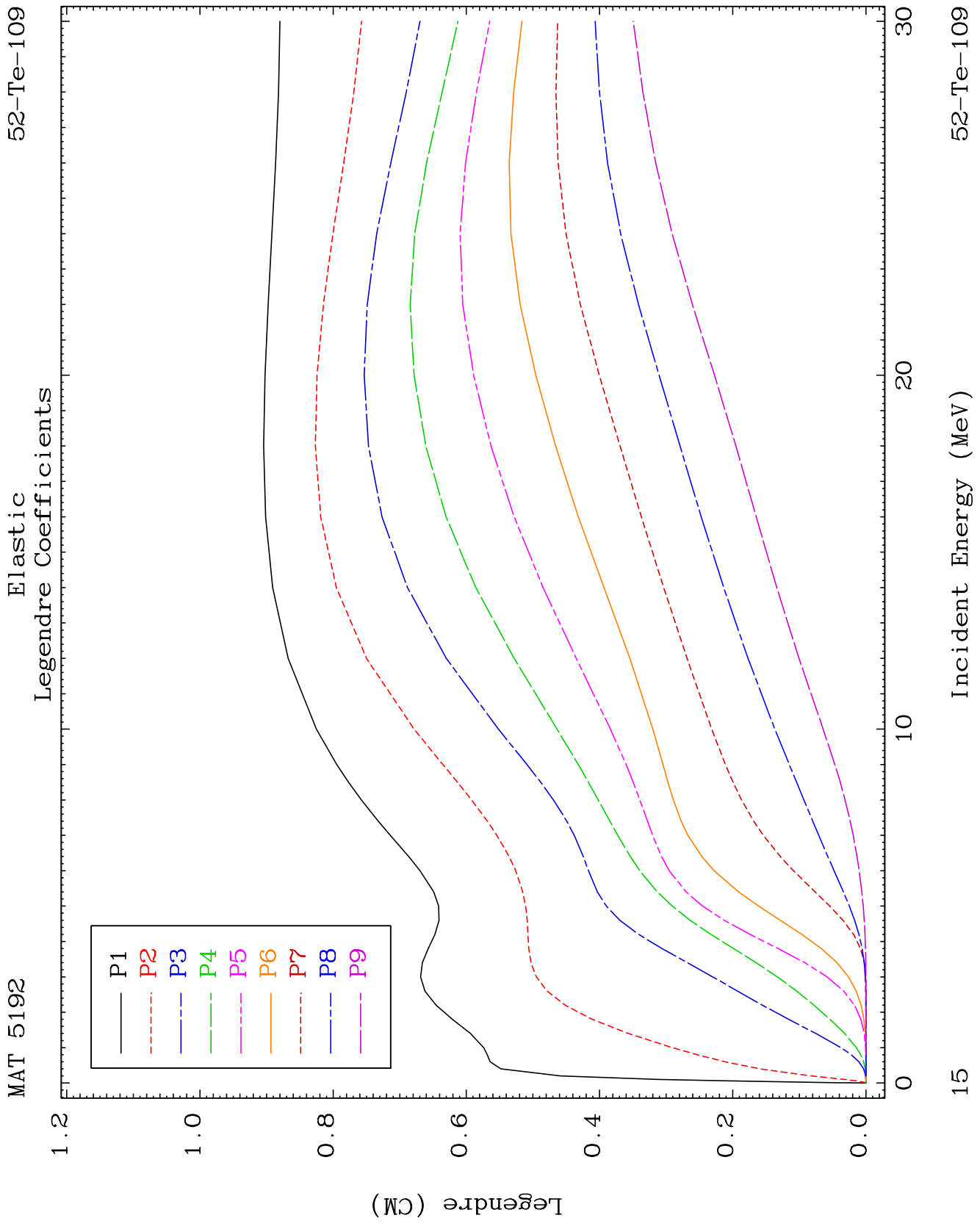


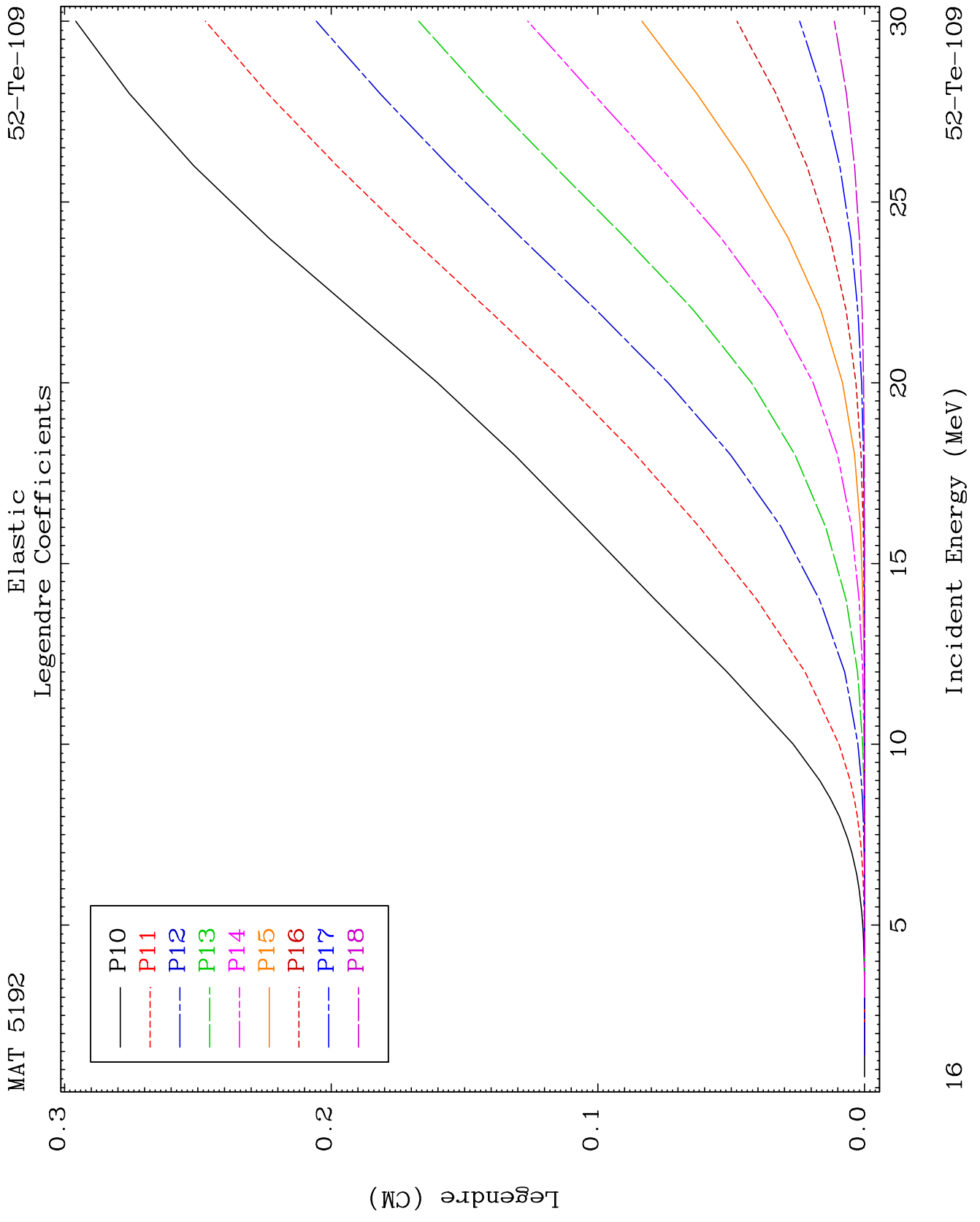
13

Incident Energy (MeV)

52-Te-109







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Elastic Legendre Coefficients

$^{52}\text{Te-109}$

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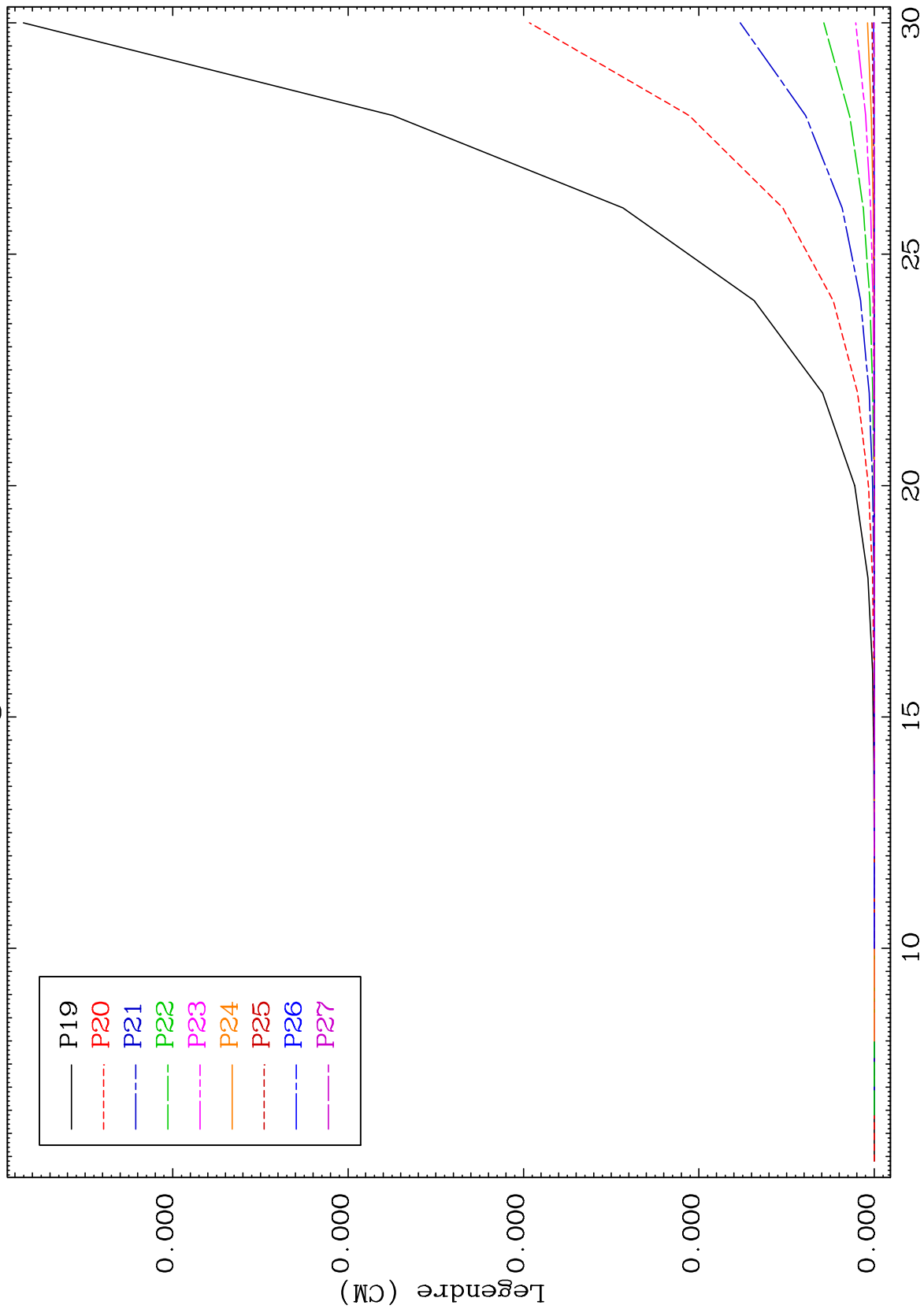
Incident Energy (MeV)

$^{52}\text{Te-109}$

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Elastic Legendre Coefficients

52-Te-109



17

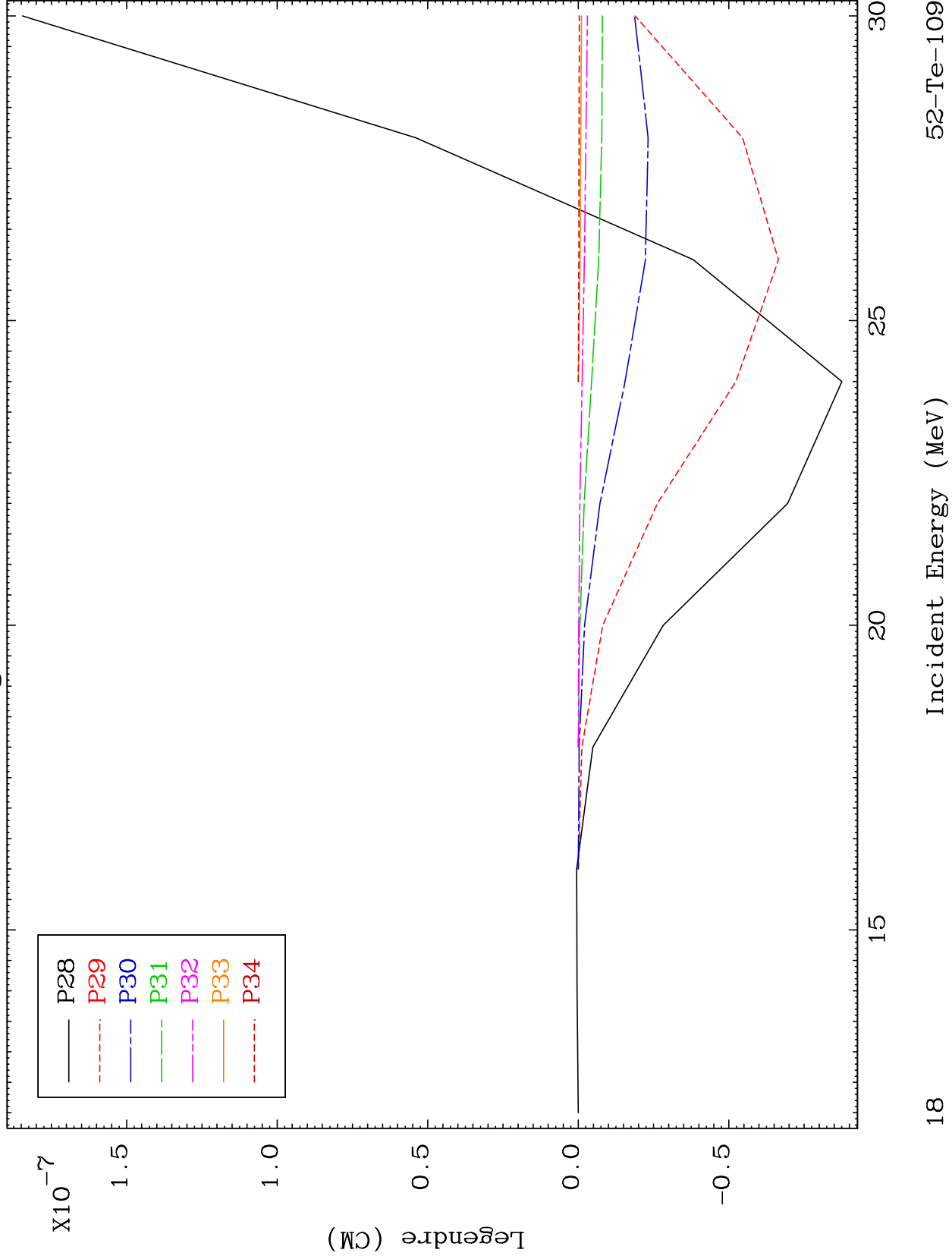
Incident Energy (MeV)

52-Te-109

MAT 5192

Elastic Legendre Coefficients

52-Te-109



18

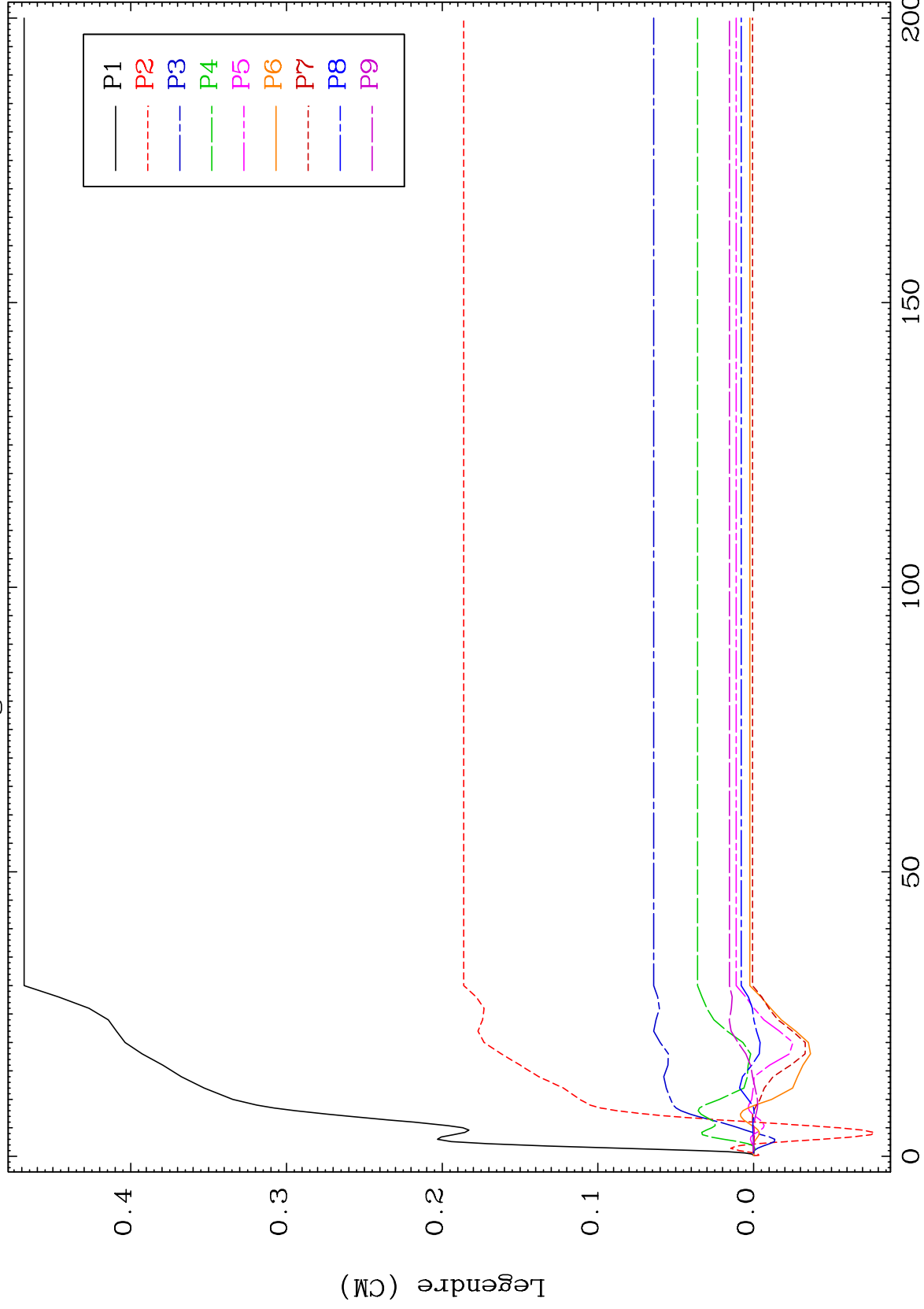
Incident Energy (MeV)

52-Te-109

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98.20 keV (n,n') Level
Legendre Coefficients

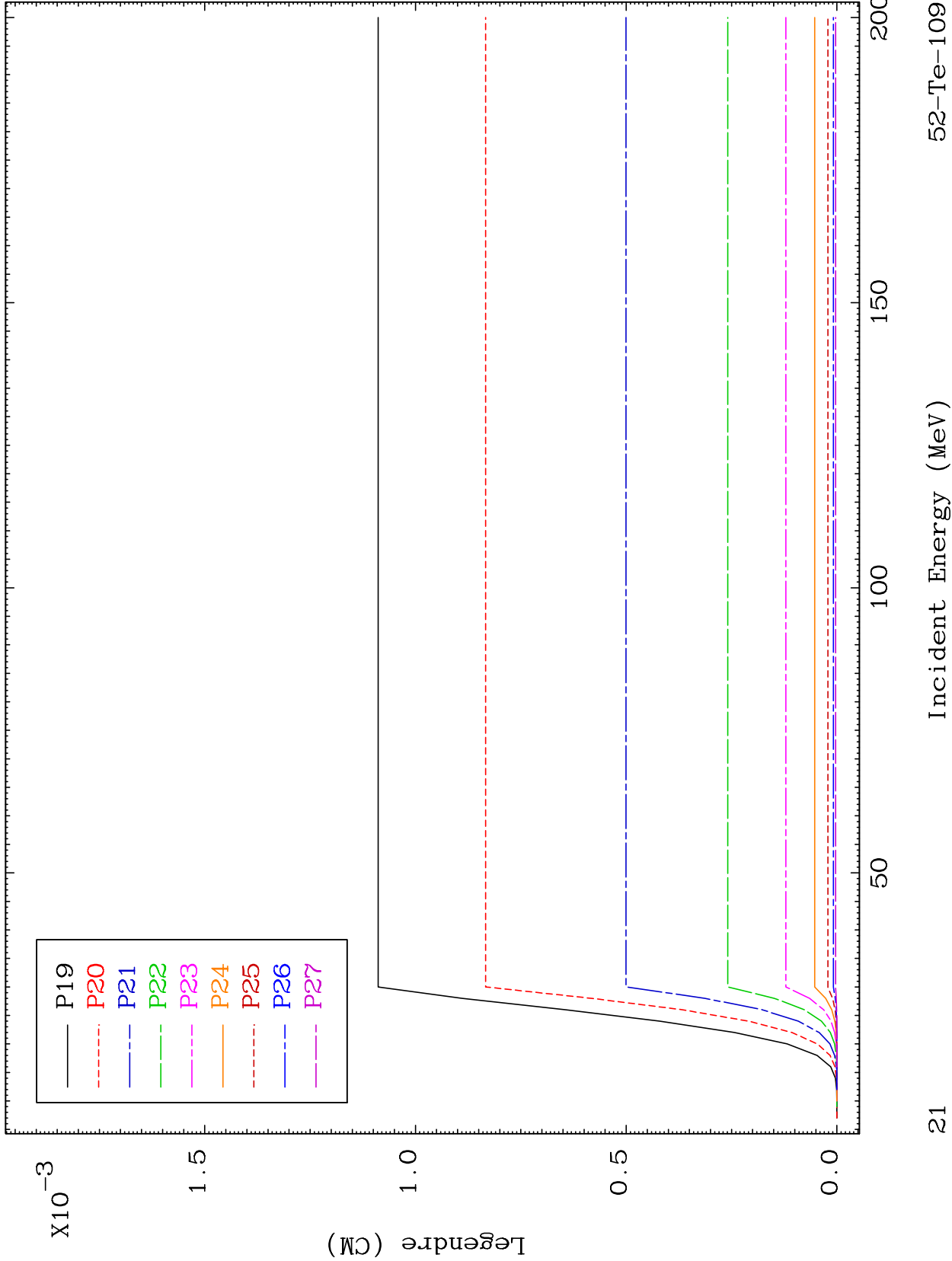
52-Te-109

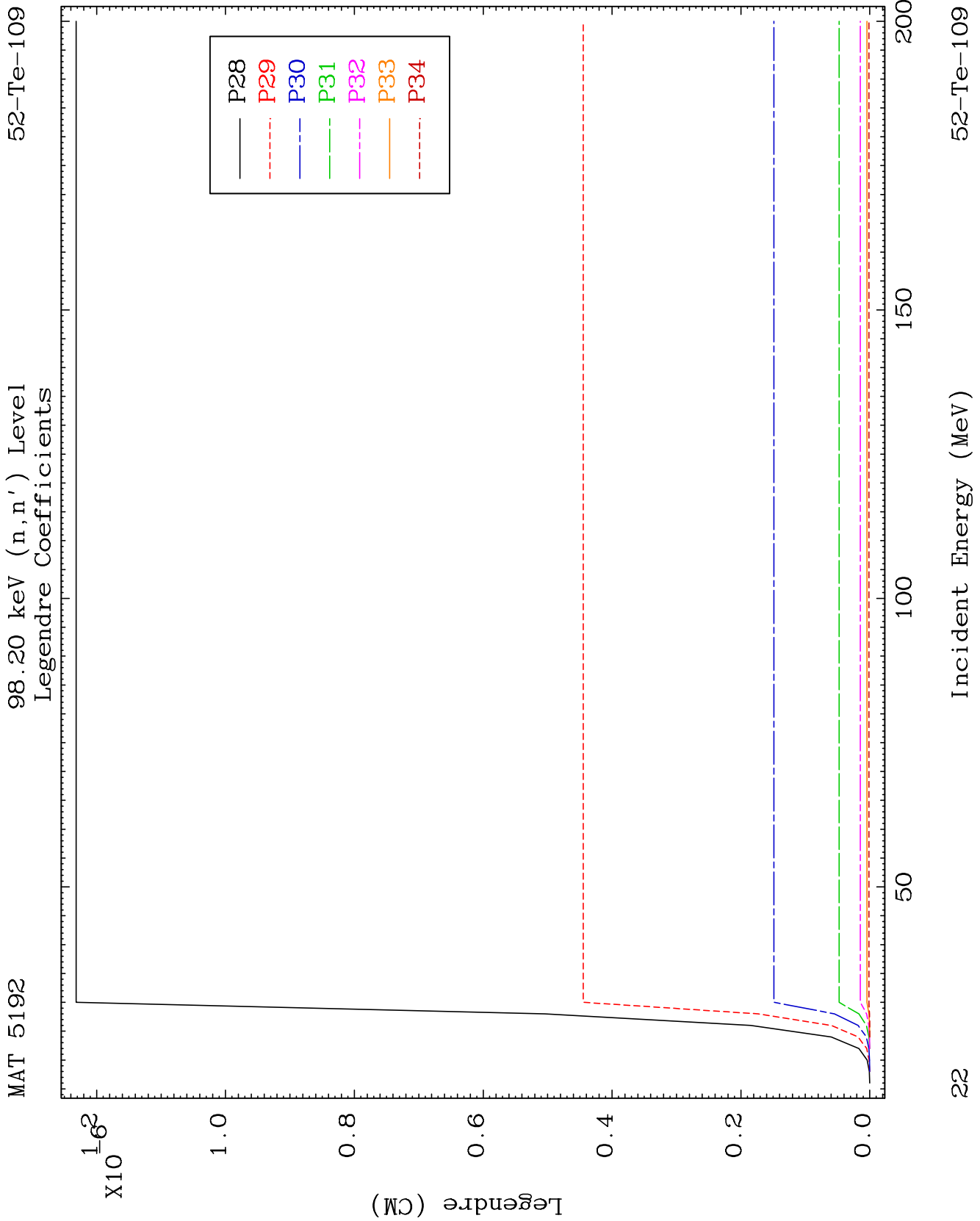


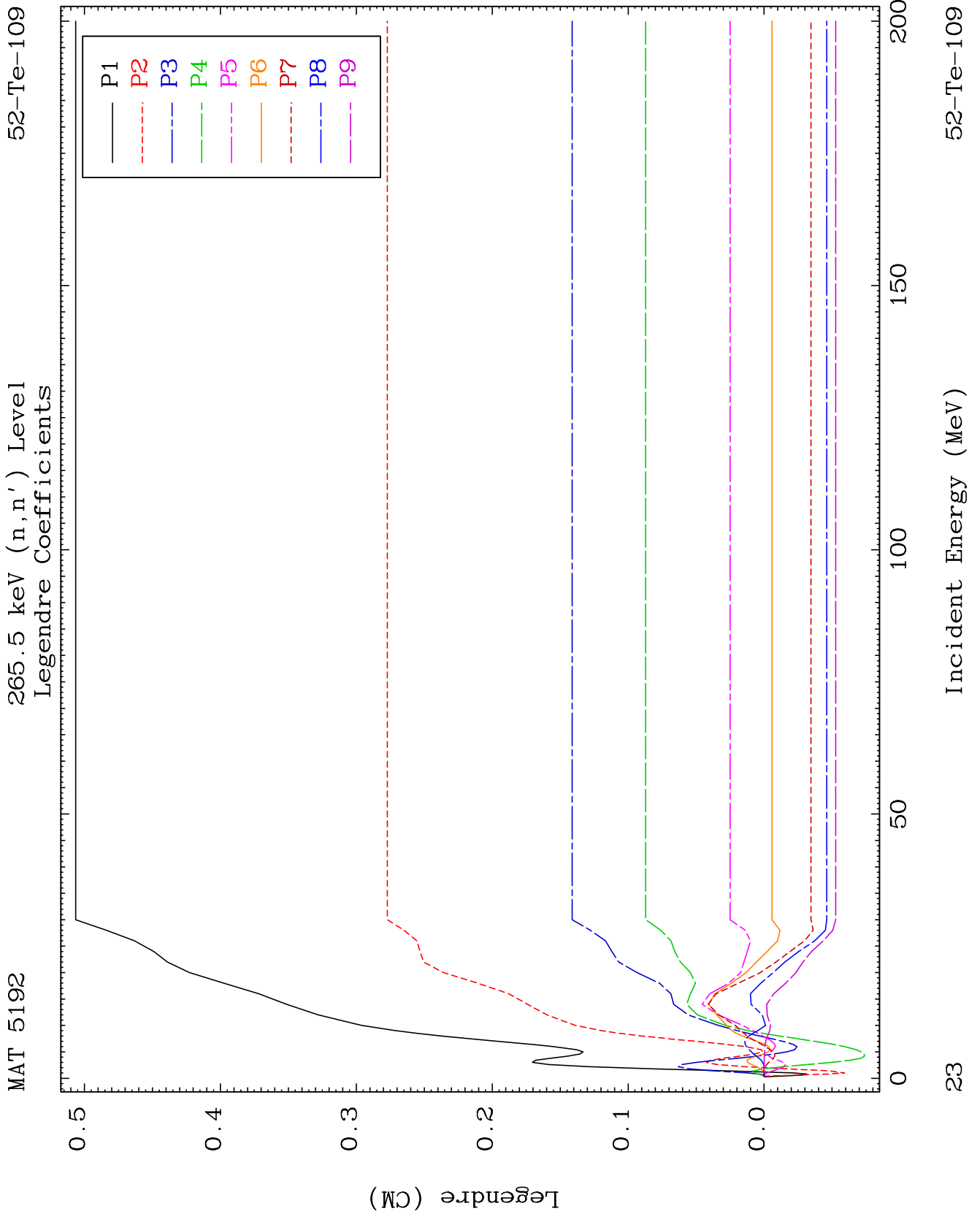
19

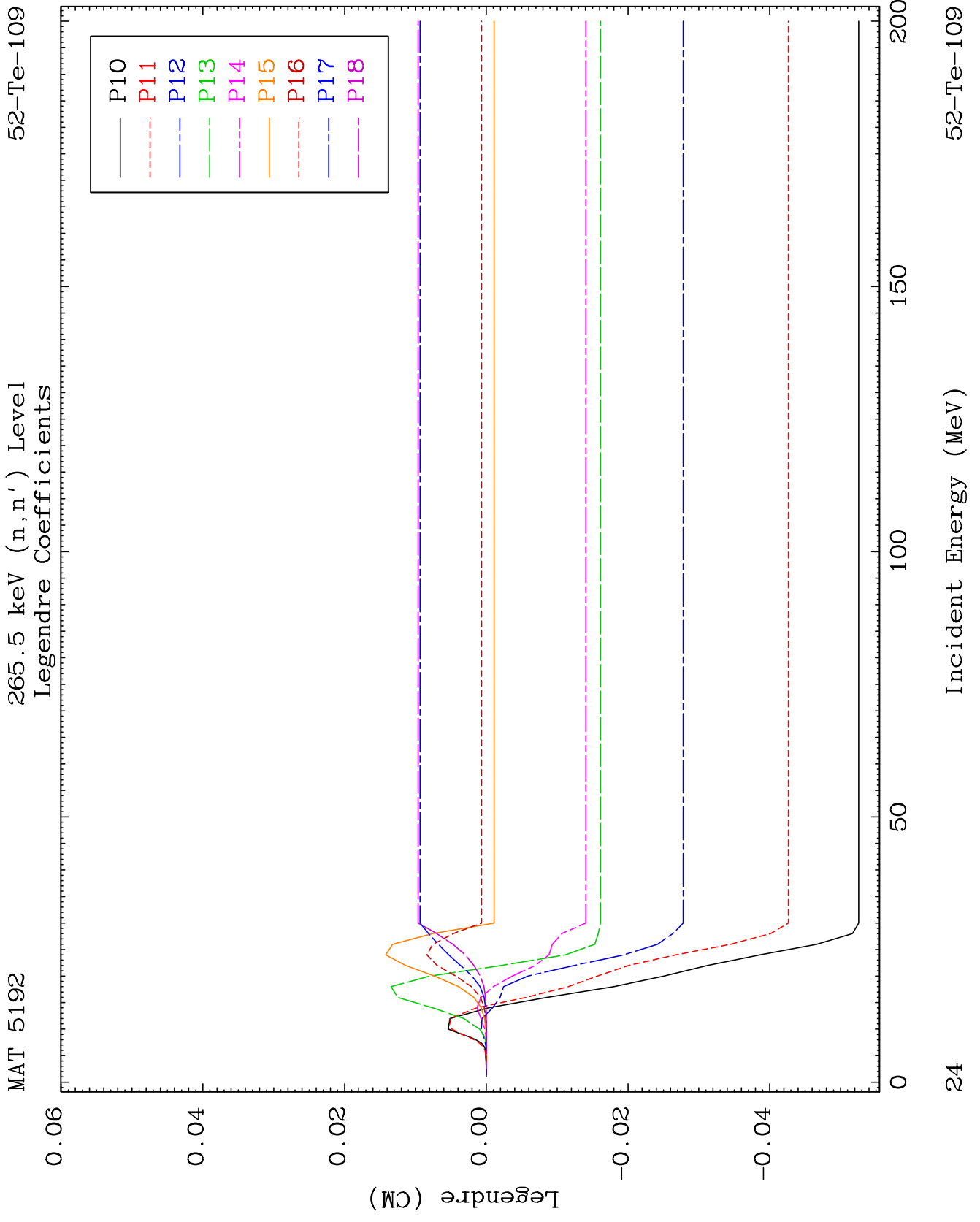
Incident Energy (MeV)

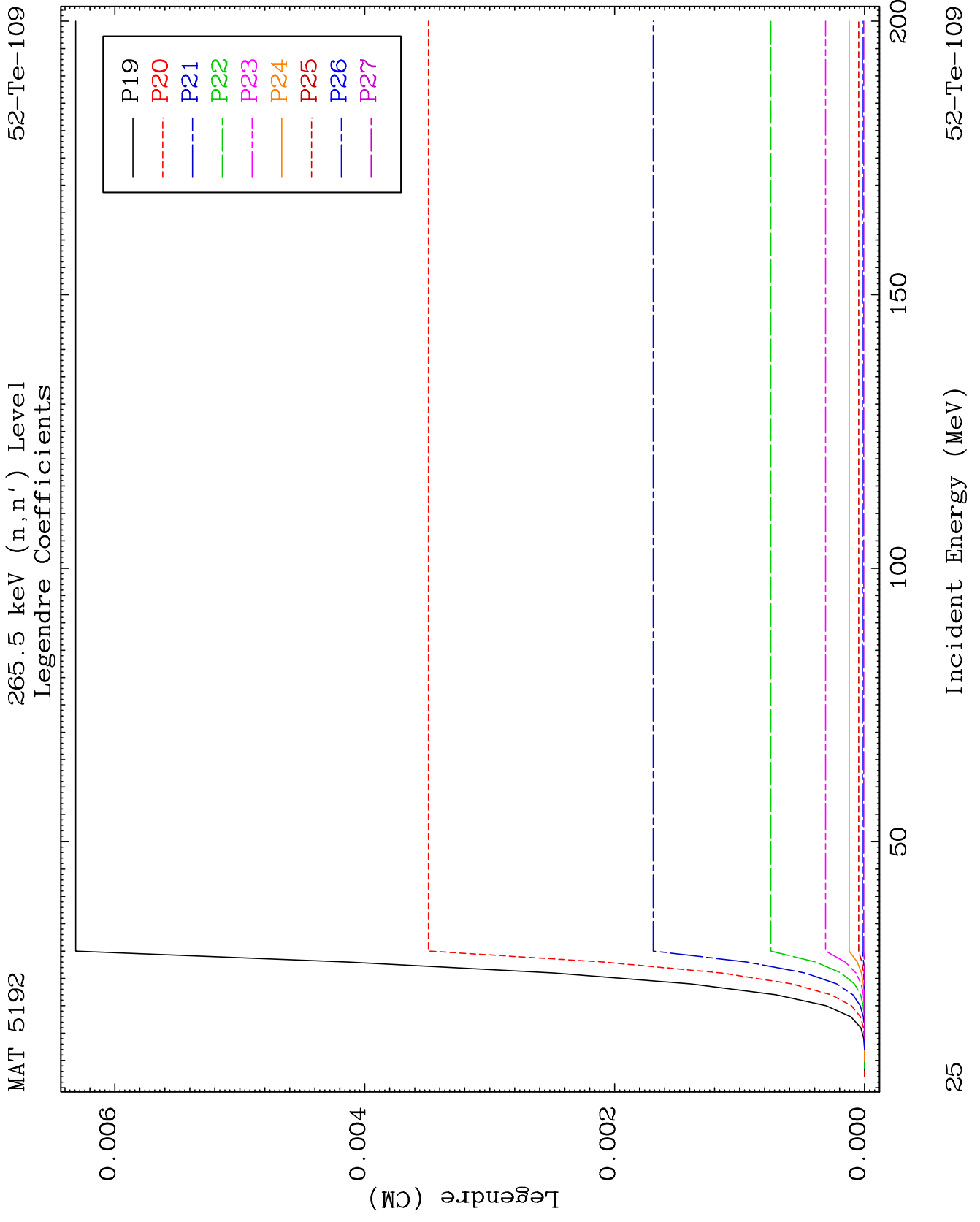
52-Te-109

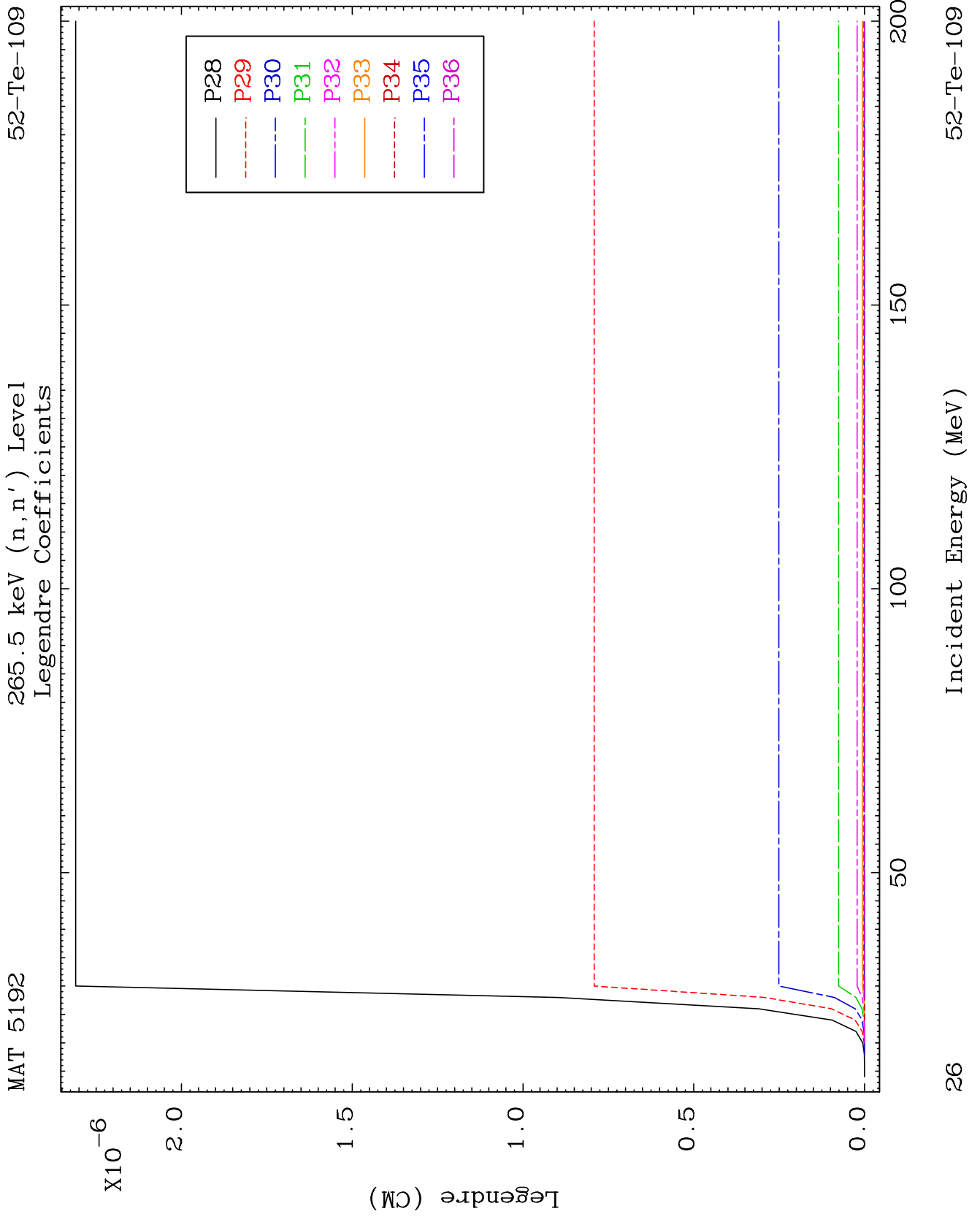


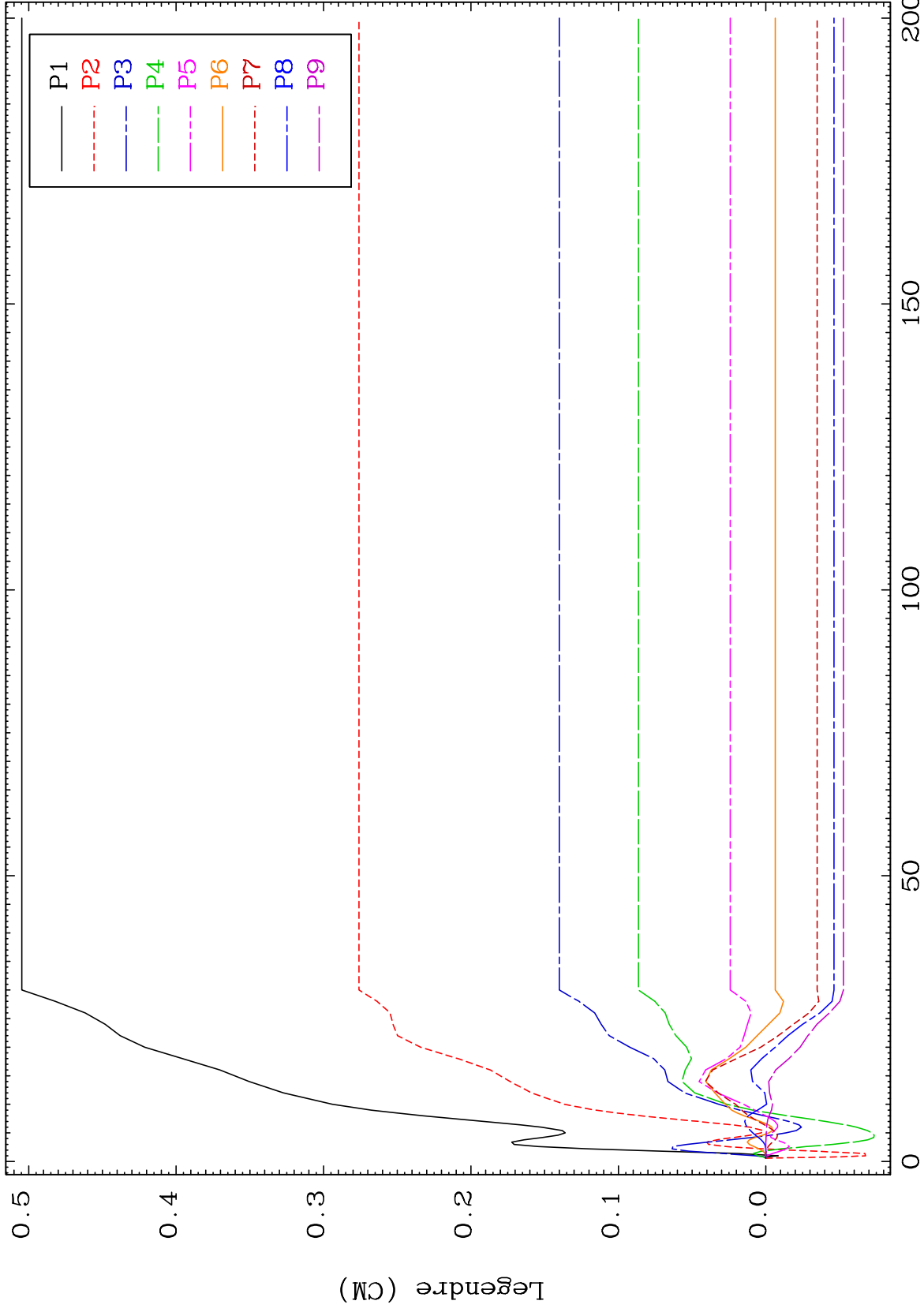








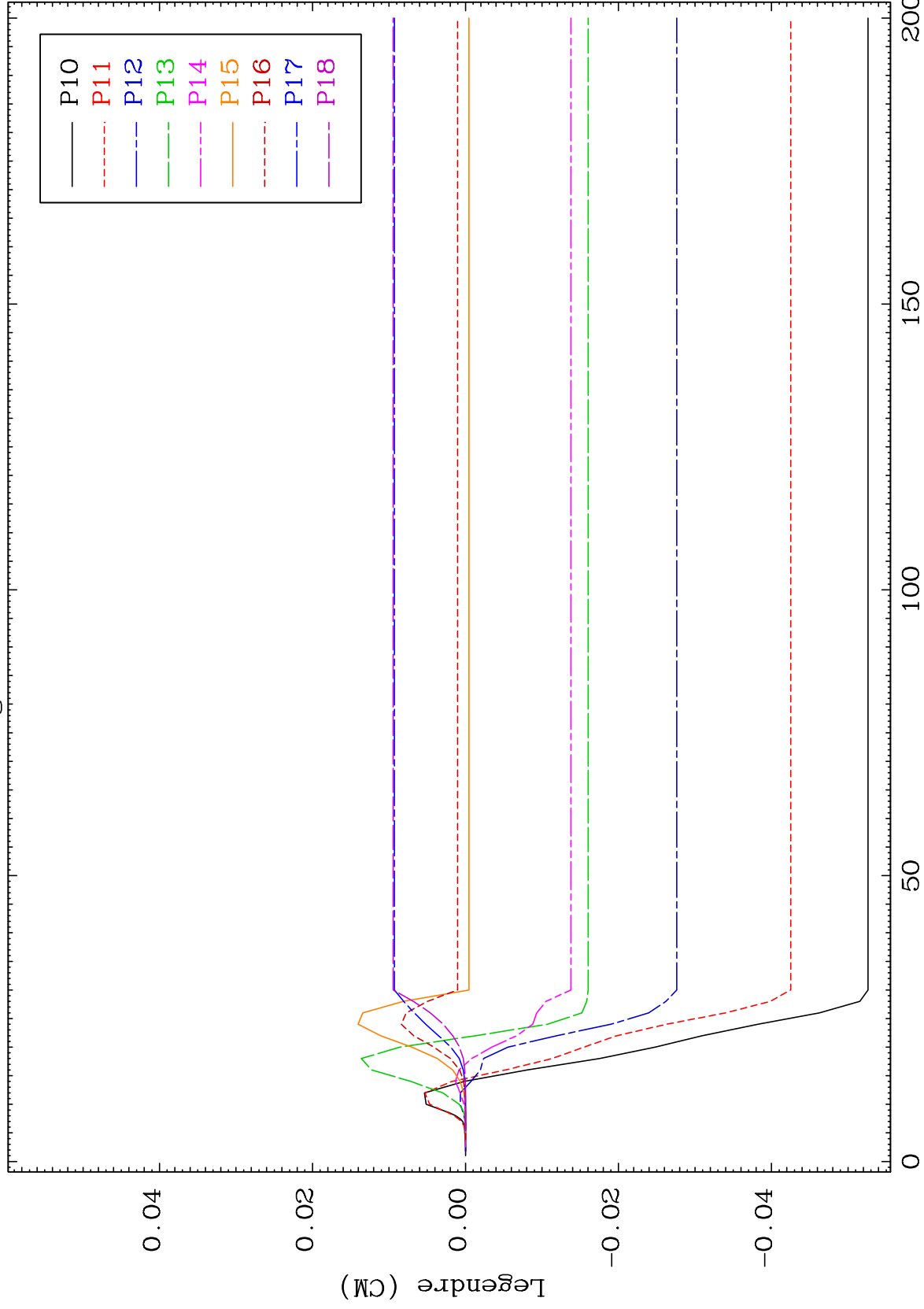




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538.3 keV (n,n') Level
Legendre Coefficients

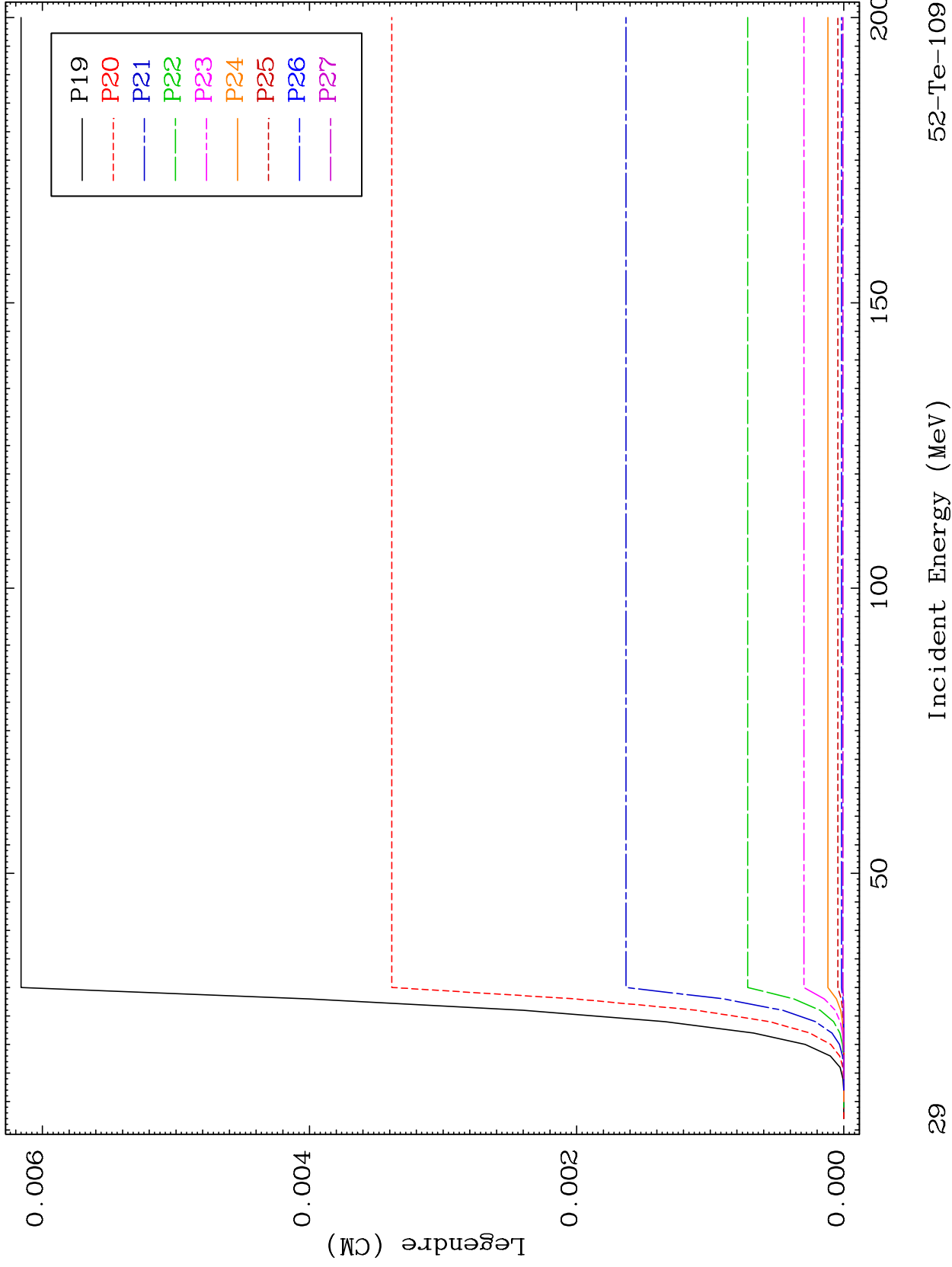
52-Te-109



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Incident Energy (MeV)

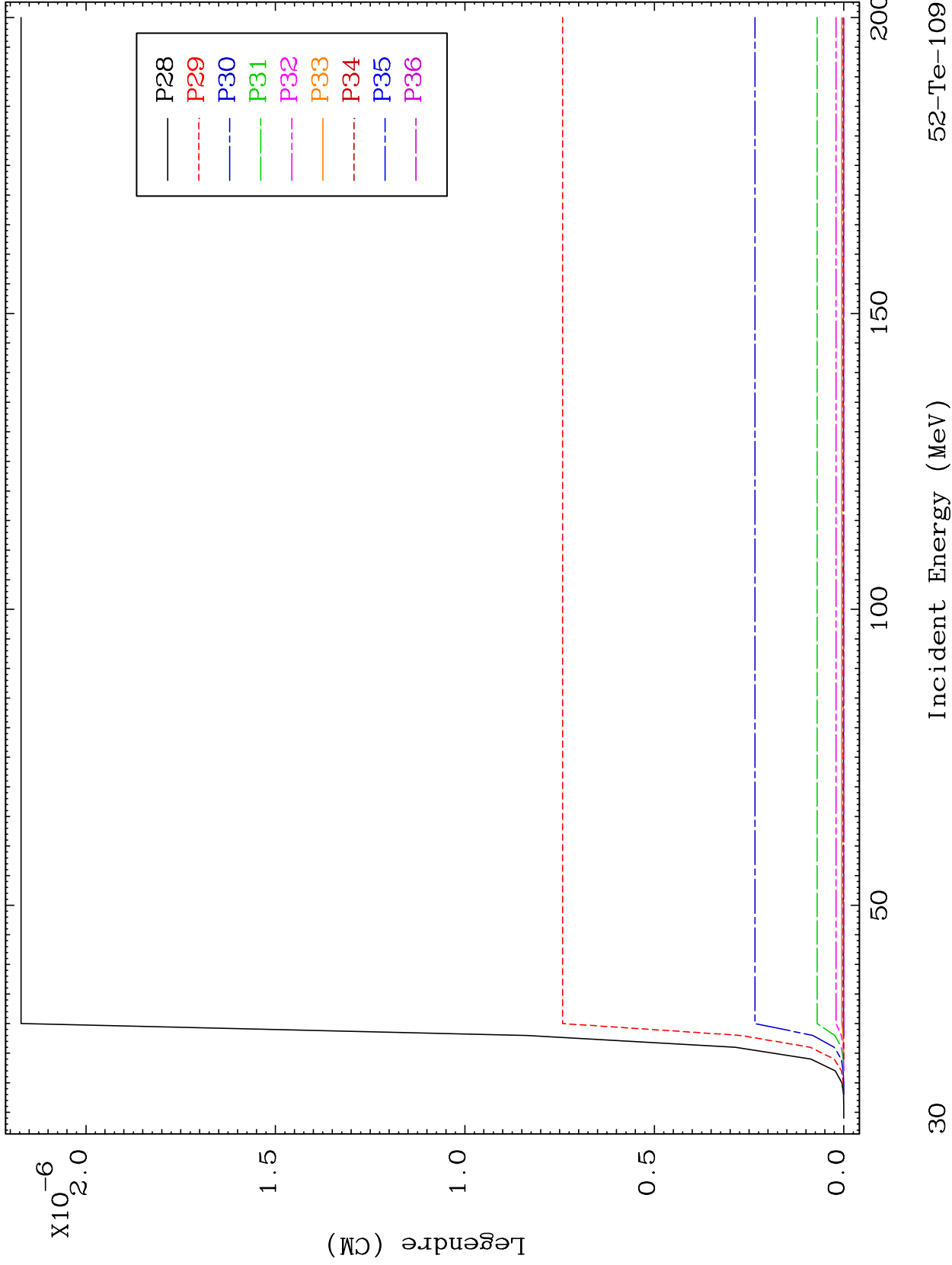
52-Te-109

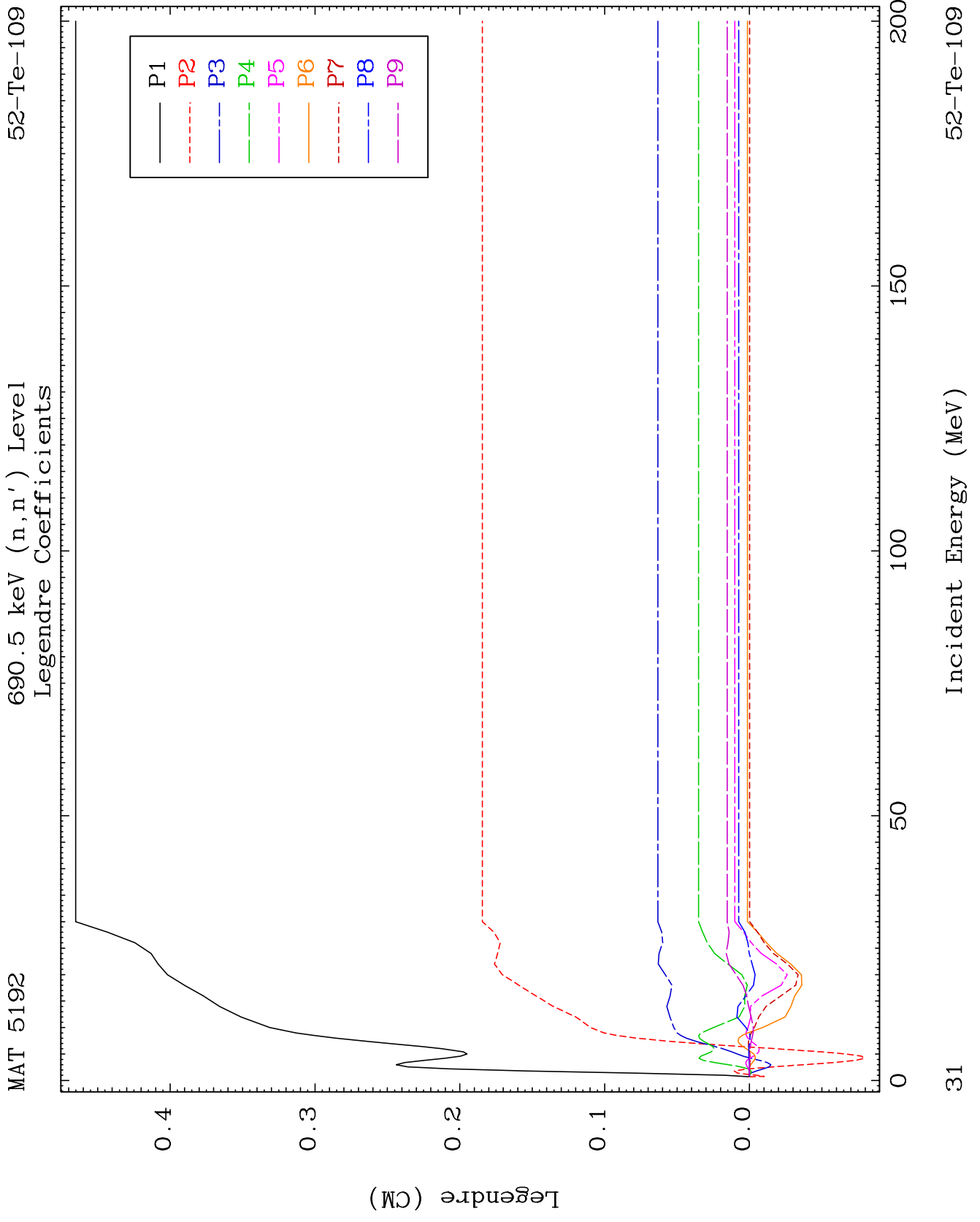


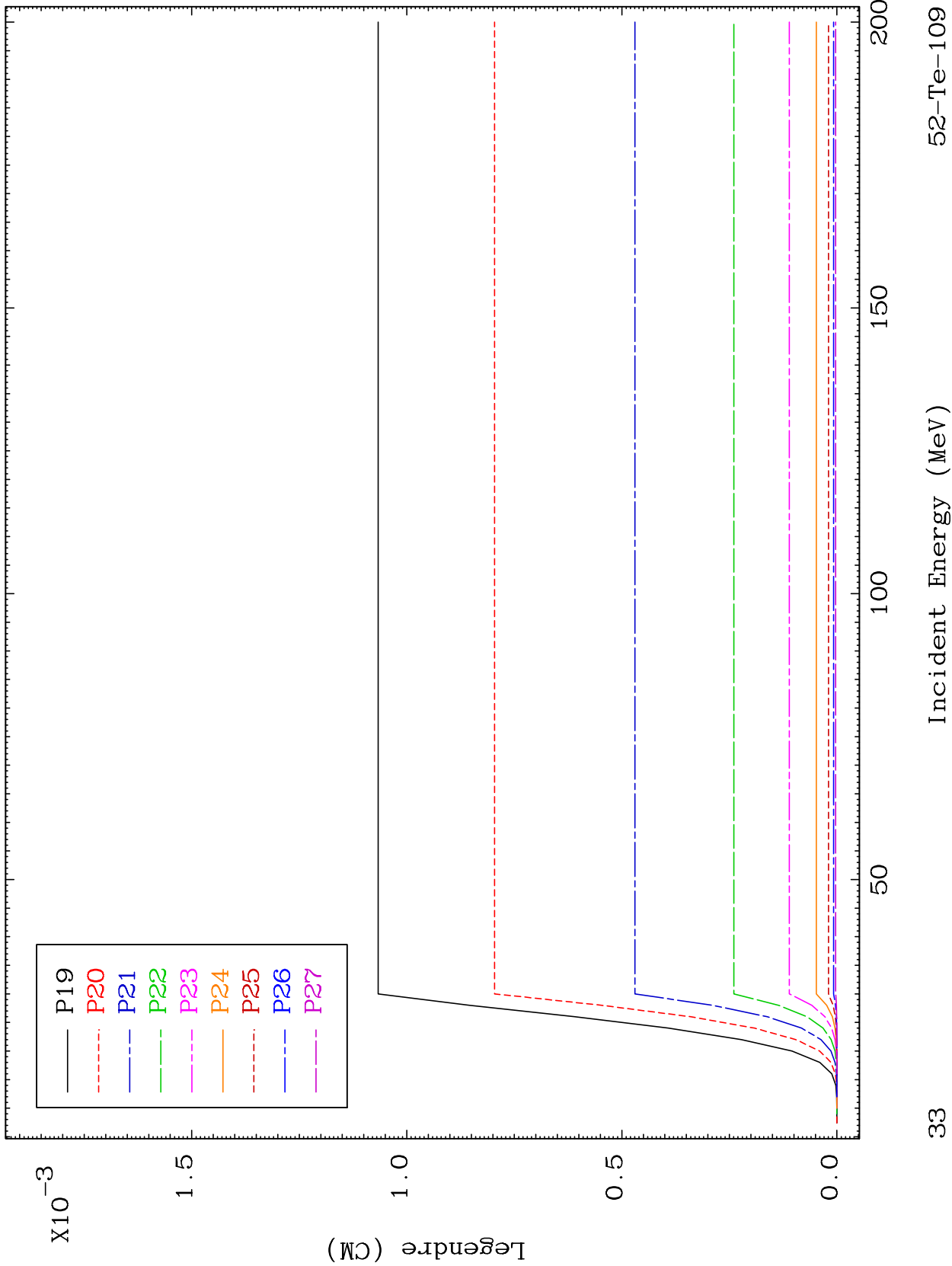
MAT 5192

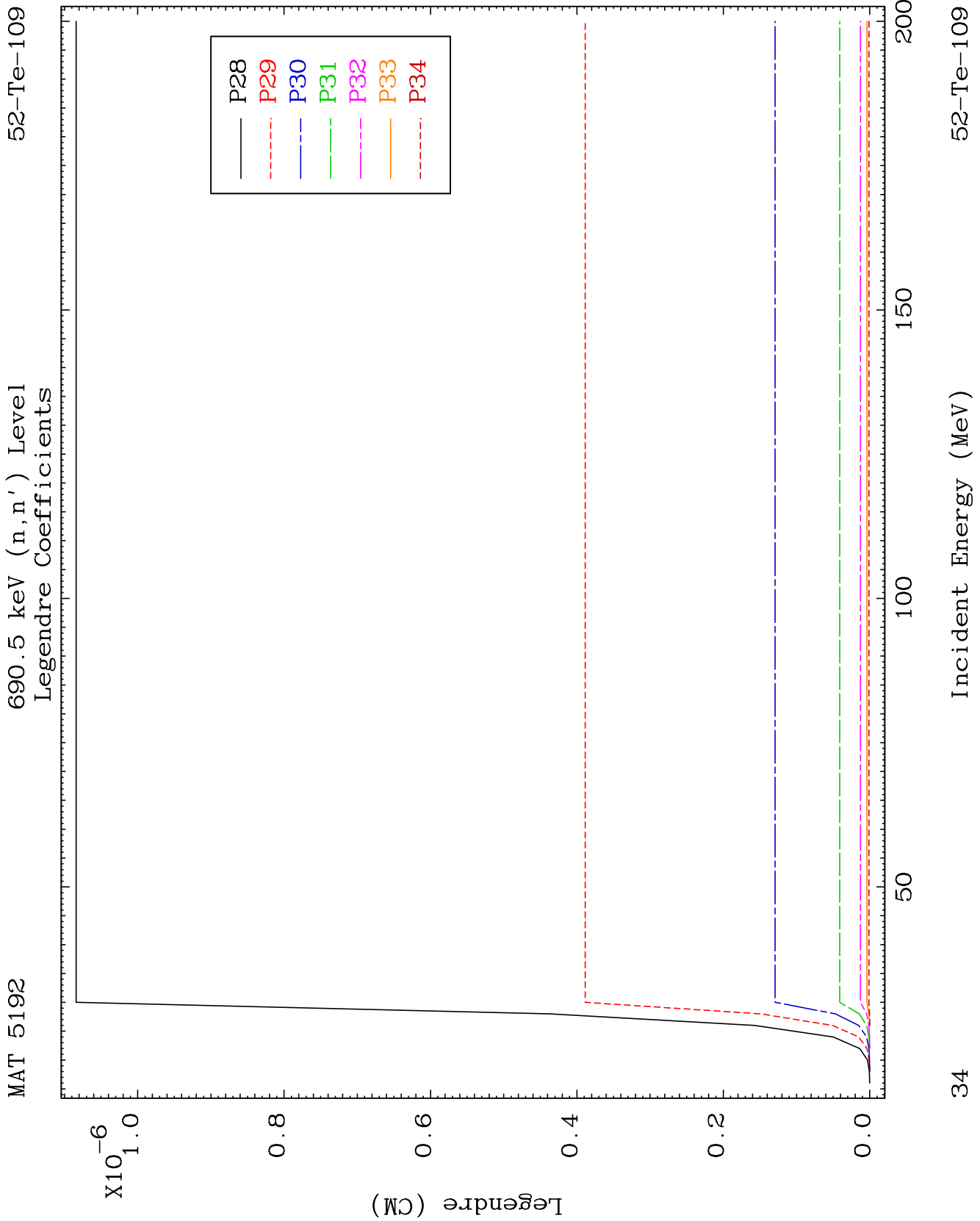
538.3 keV (n, n') Level
Legendre Coefficients

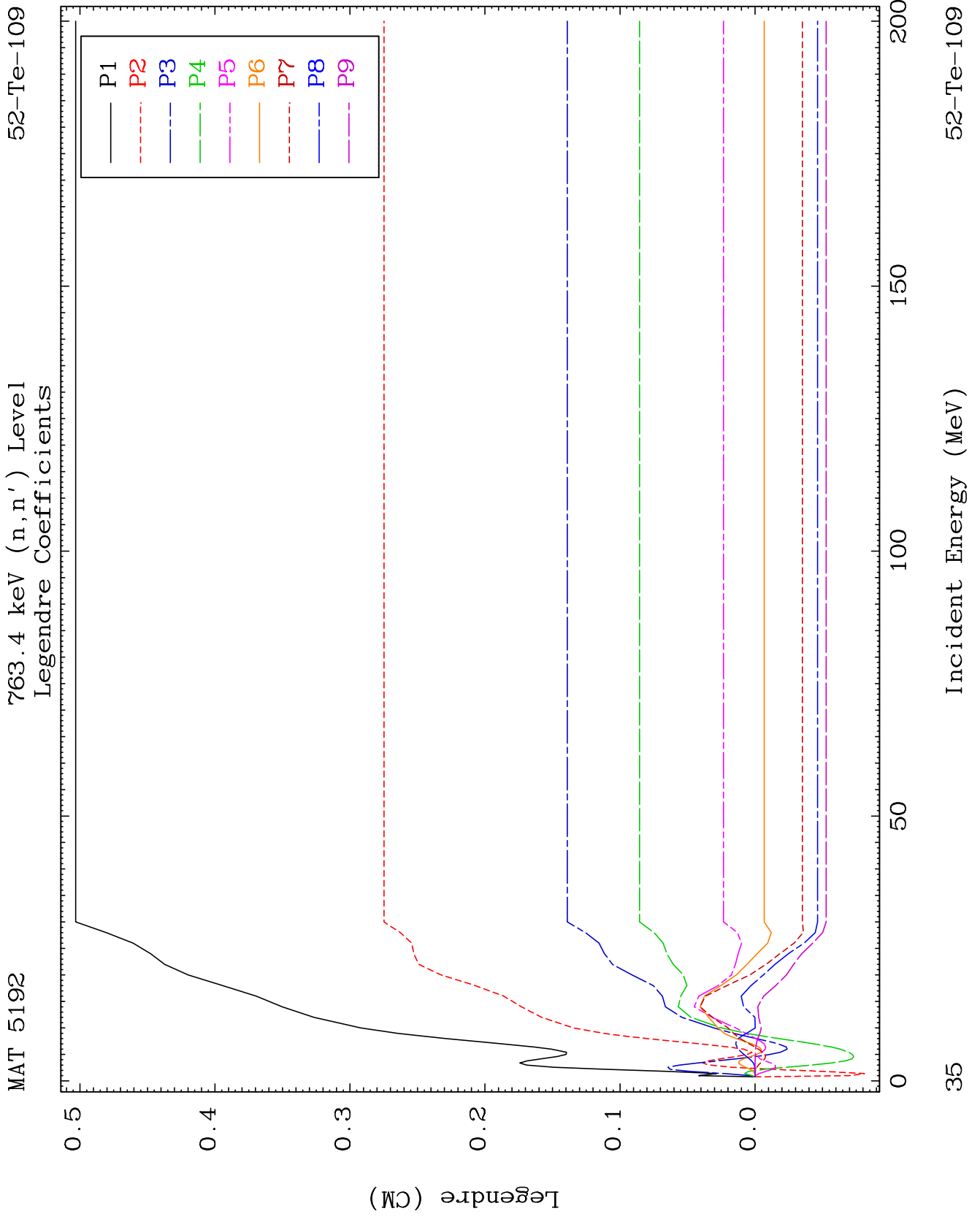
52-Te-109

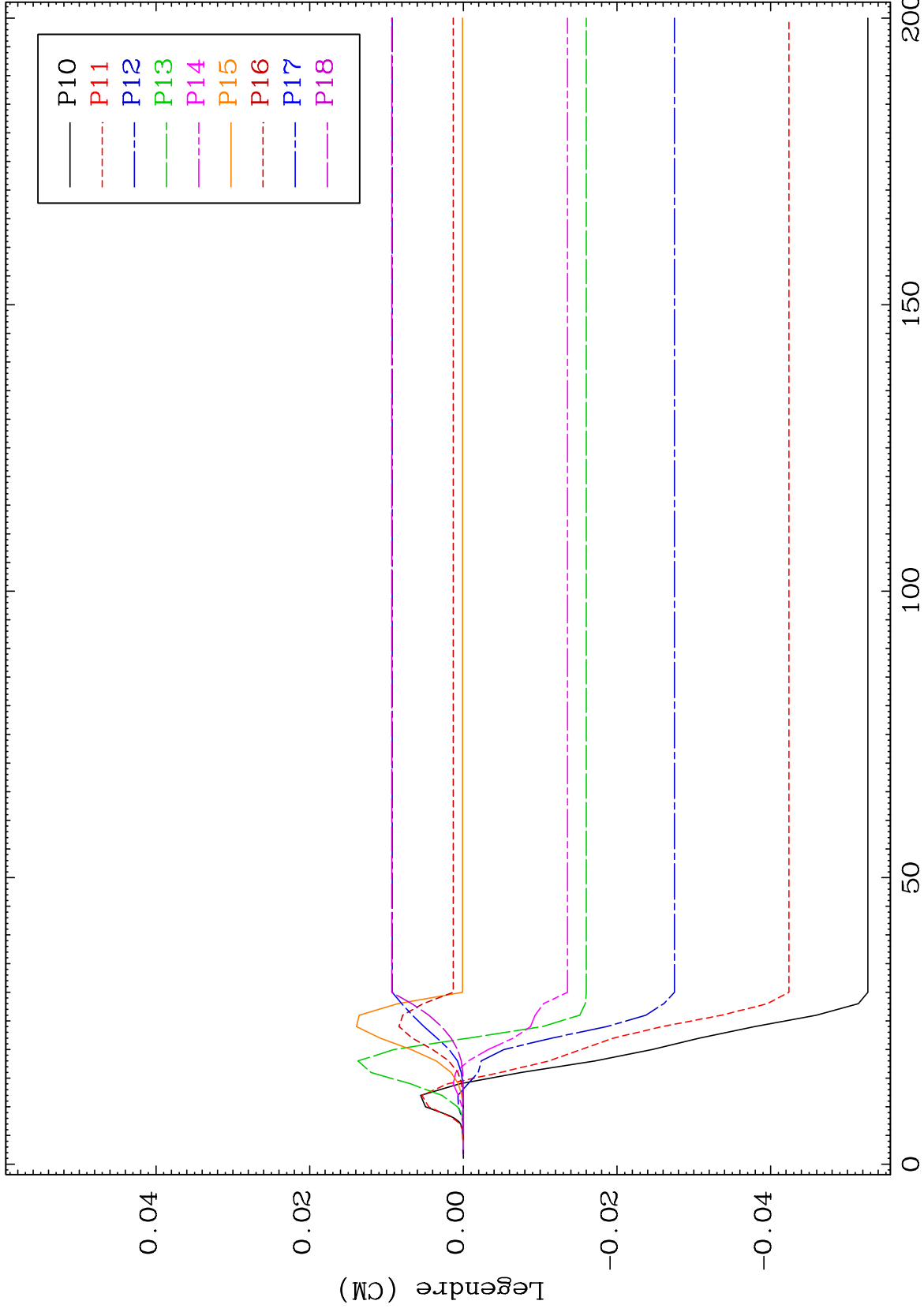


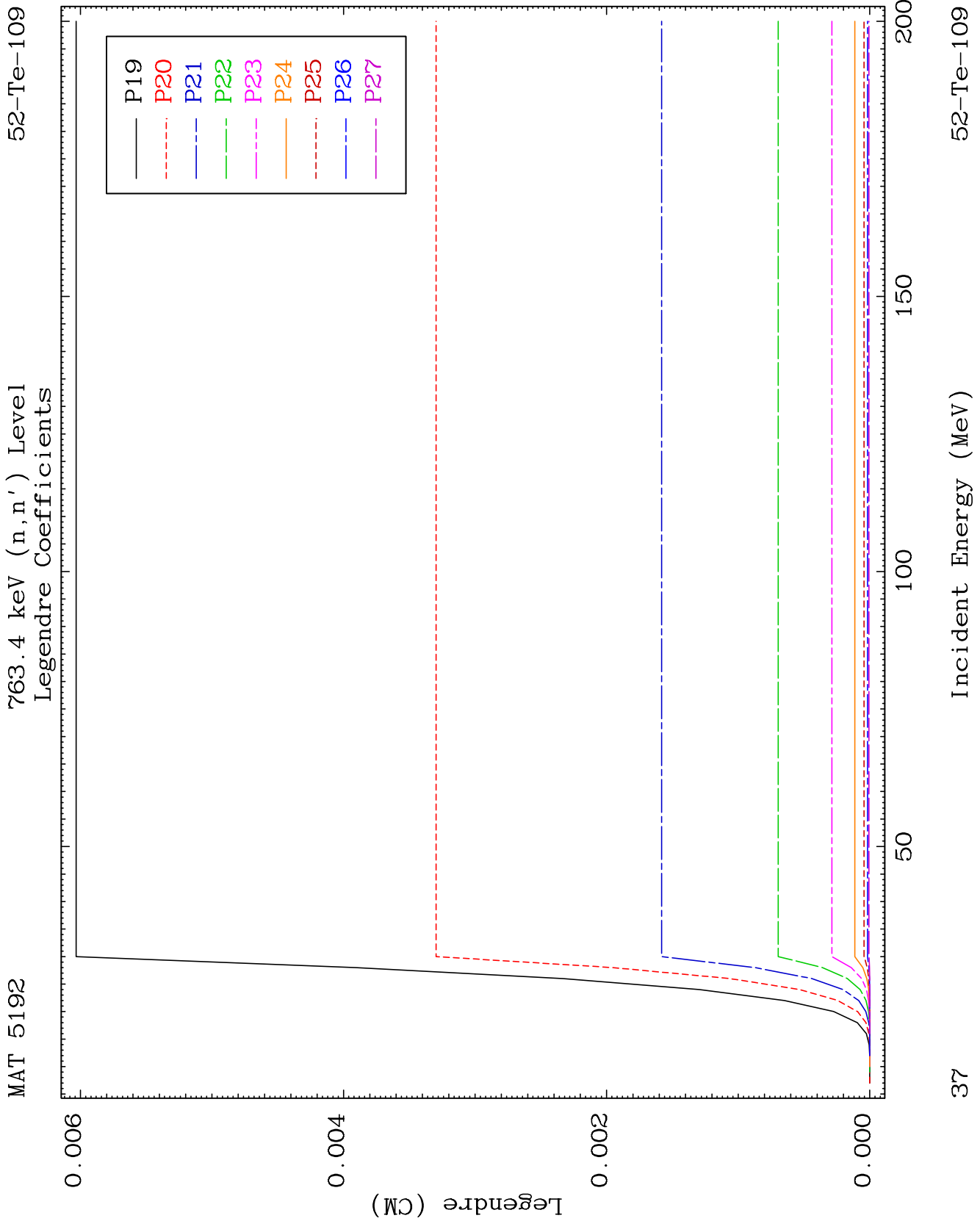








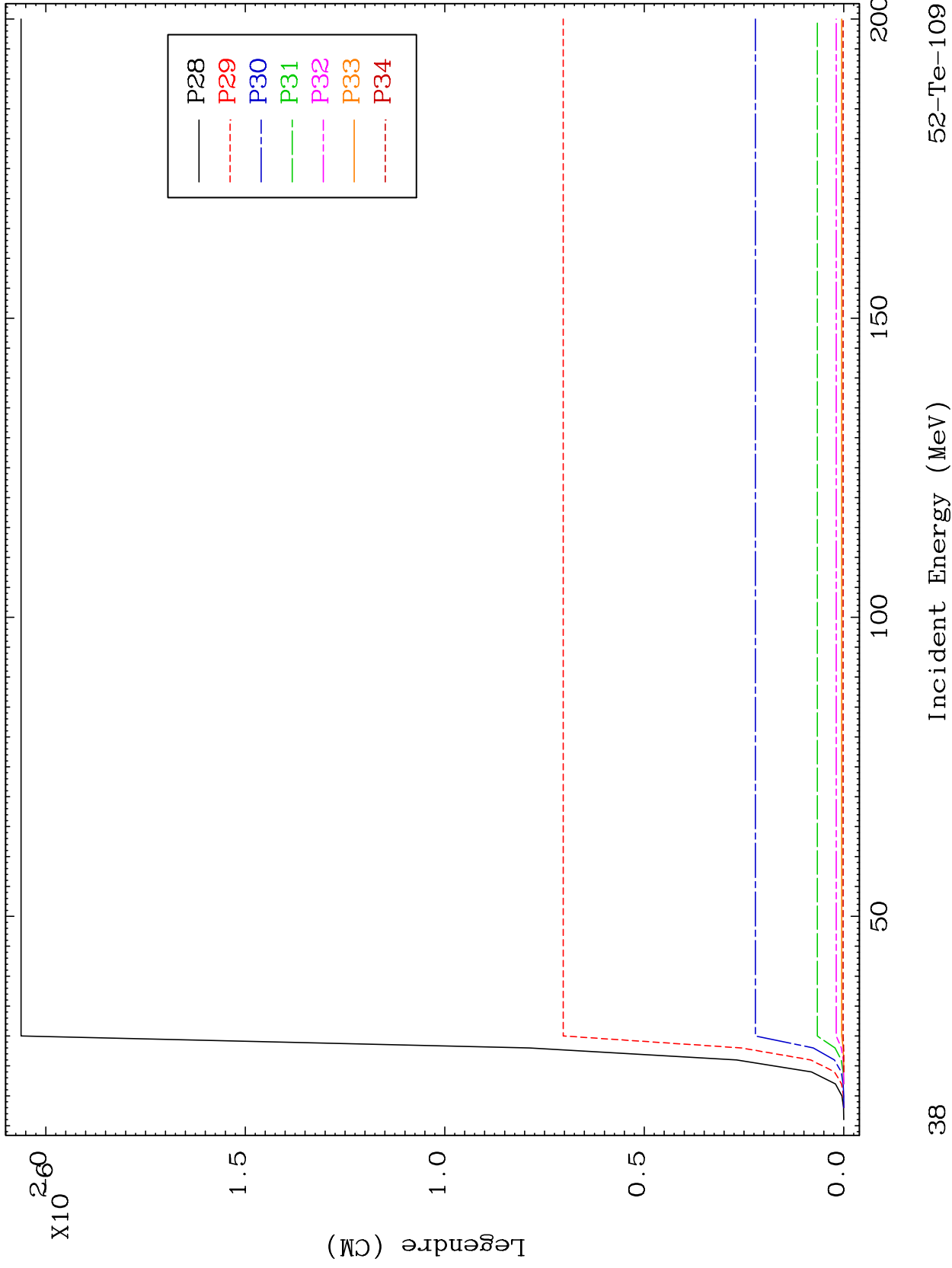




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763.4 keV (n,n') Level
Legendre Coefficients

52-Te-109



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Incident Energy (MeV)

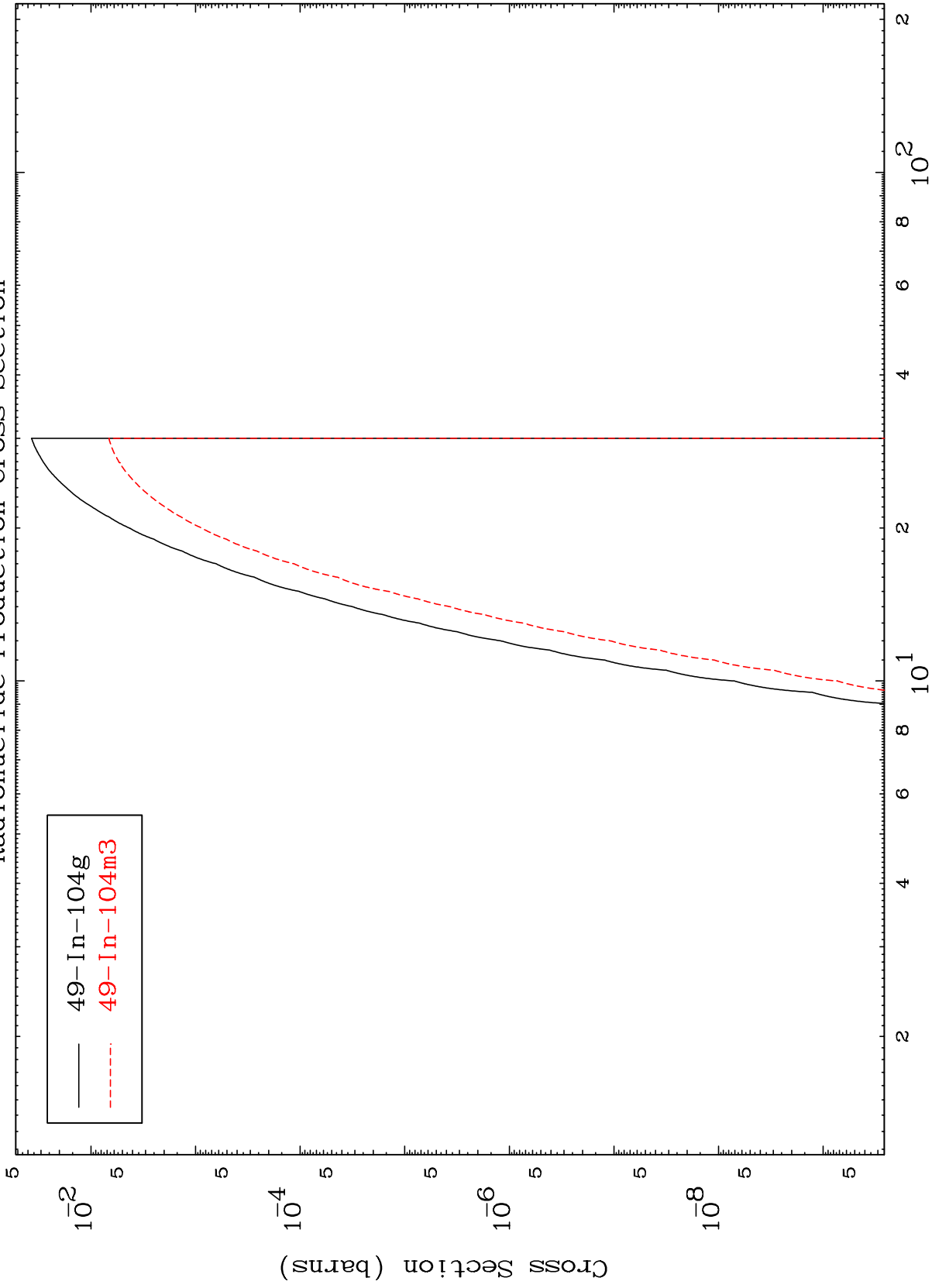
52-Te-109

MAT 5192

(n,n') p α

52-Te-109

Radionuclide Production Cross Section



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Incident Energy (MeV)

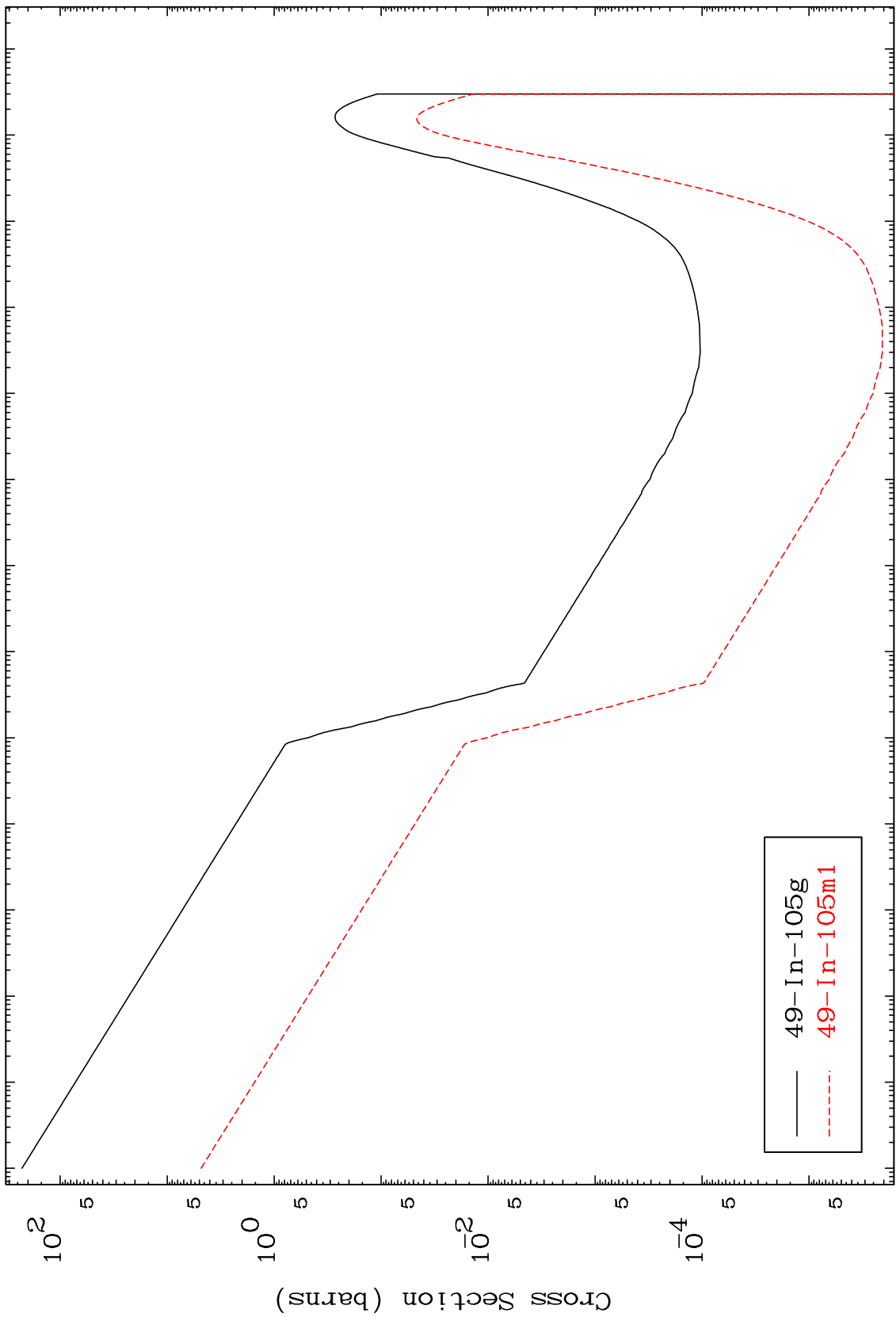
52-Te-109

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(n,p) α

52-Te-109

Radionuclide Production Cross Section



— 49-In-105g
- - - 49-In-105m1

40

Incident Energy (MeV)

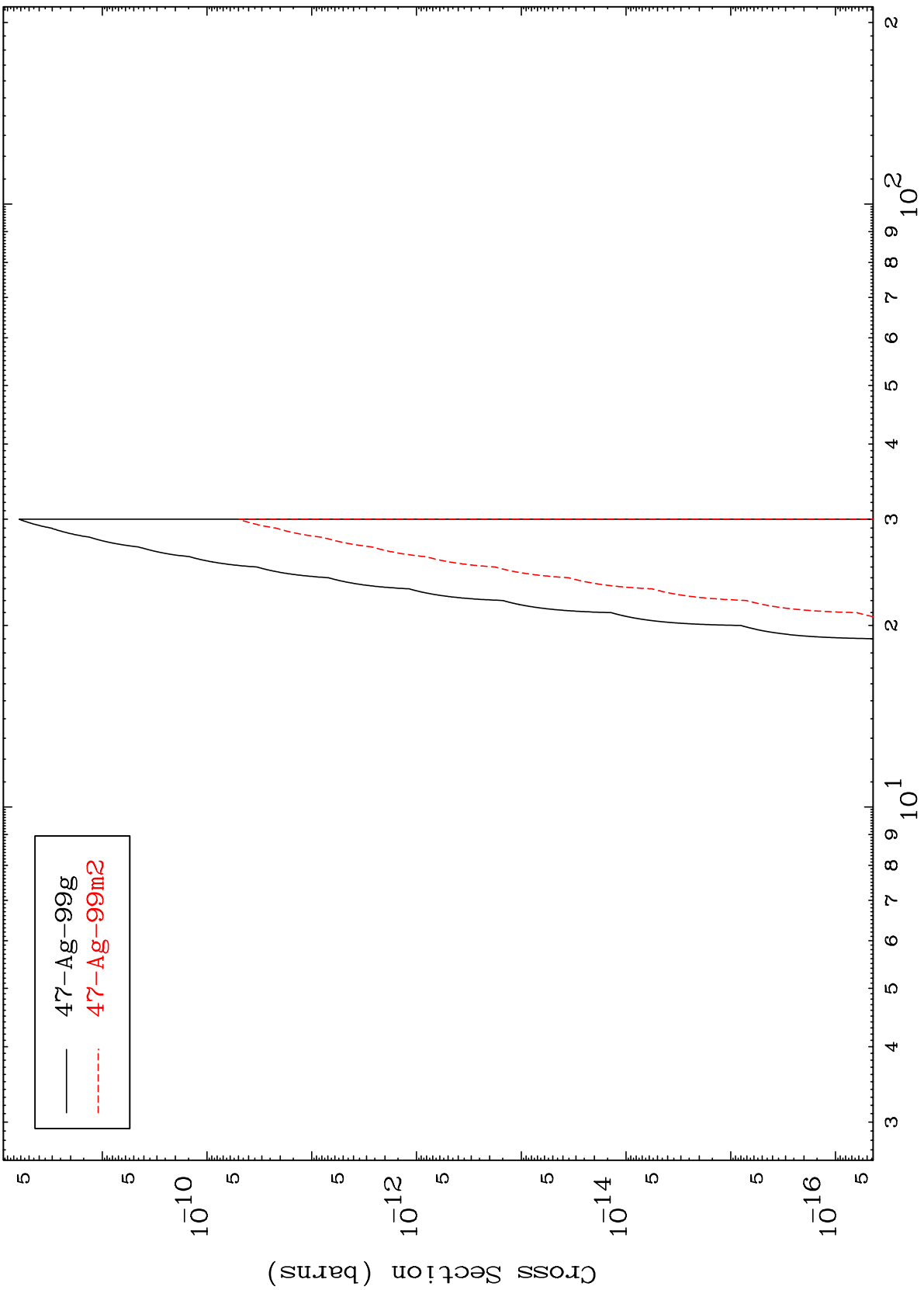
52-Te-109

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(n,t) 2 α

52-Te-109

Radionuclide Production Cross Section

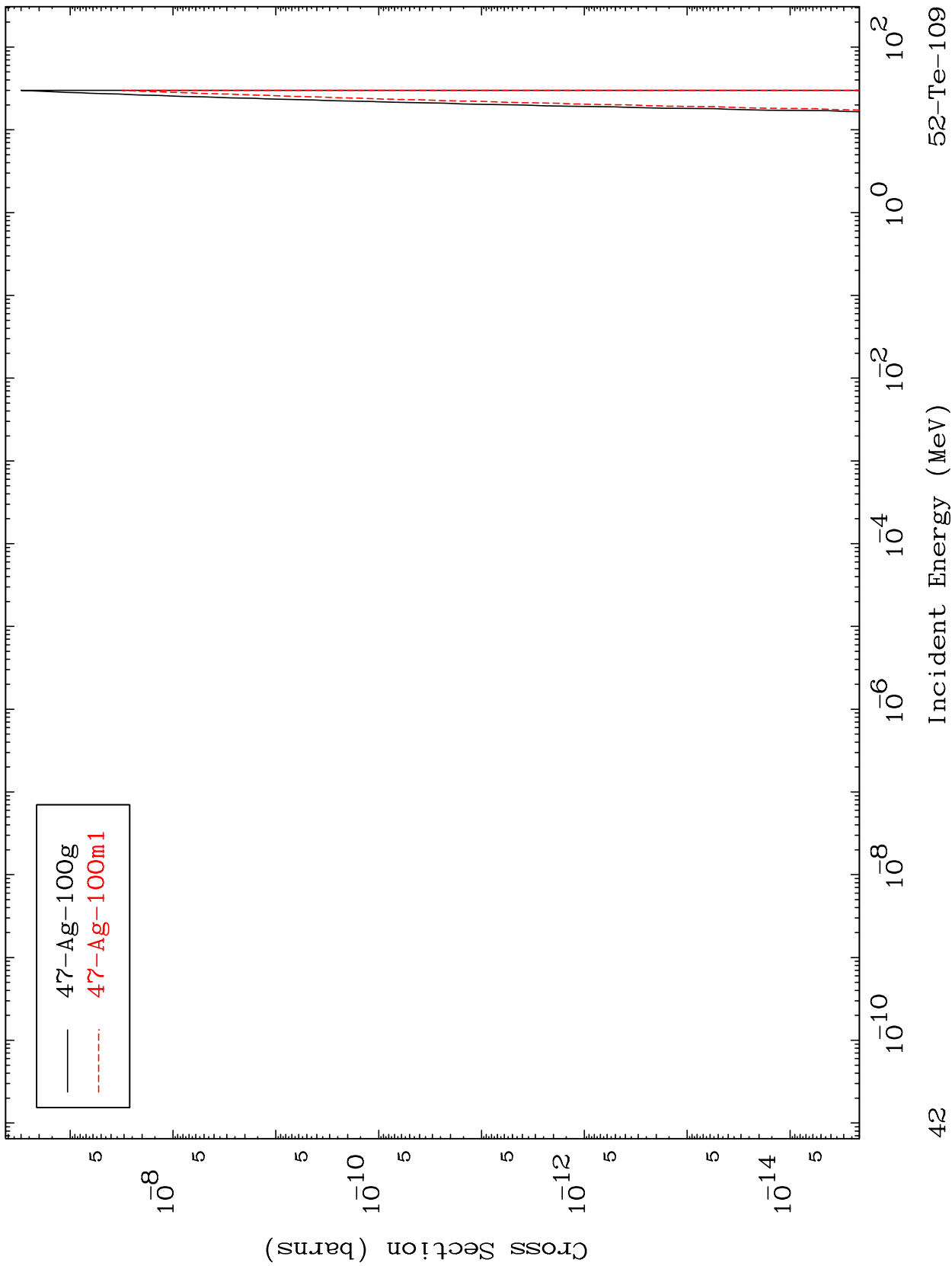


MAT 5192

(n,d) 2 α

52-Te-109

Radionuclide Production Cross Section

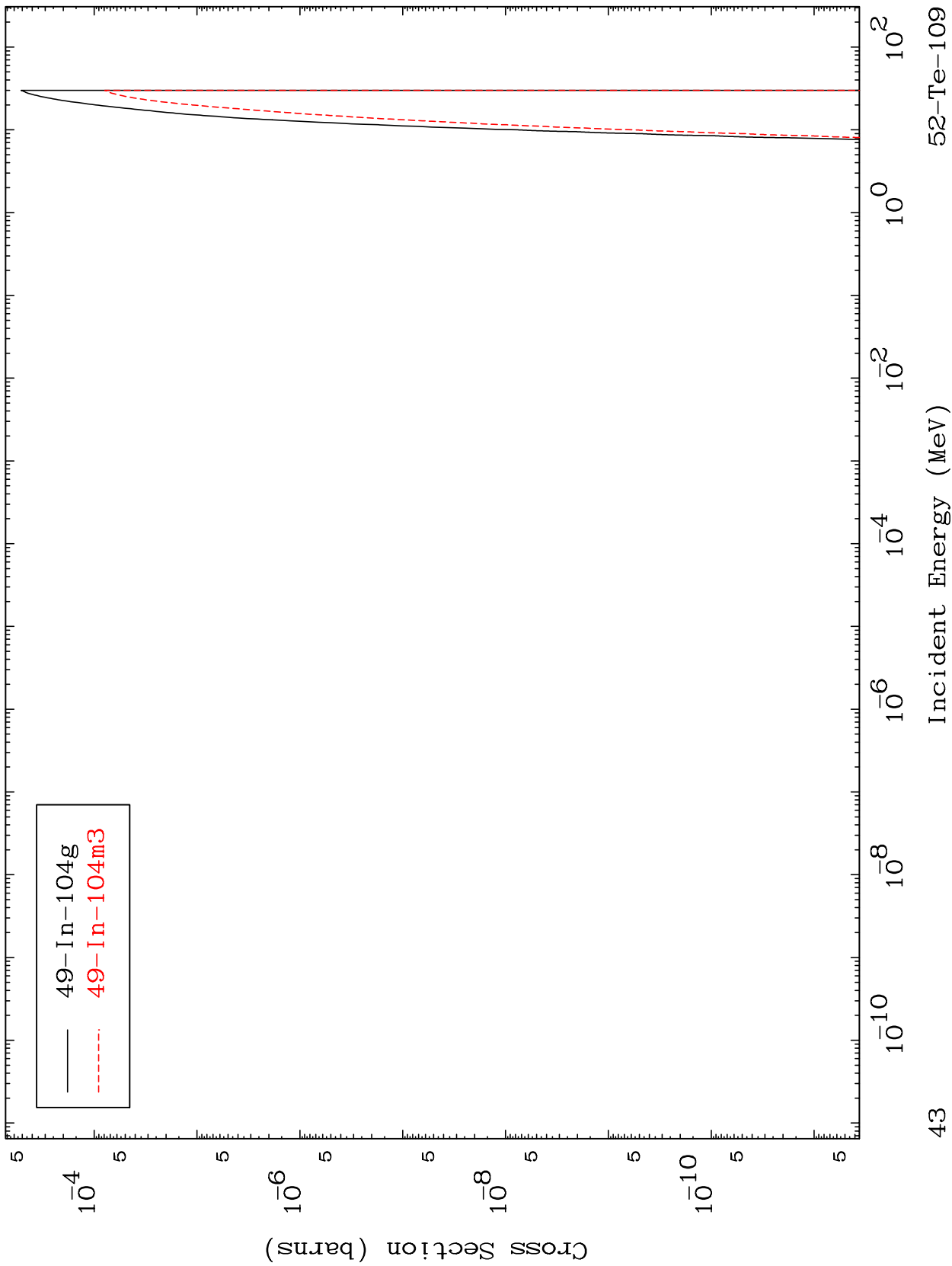


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(n,d) α

52-Te-109

Radionuclide Production Cross Section



49-In-104g
49-In-104m3