

Program EVALPLOT
(Version 2015-2)

by

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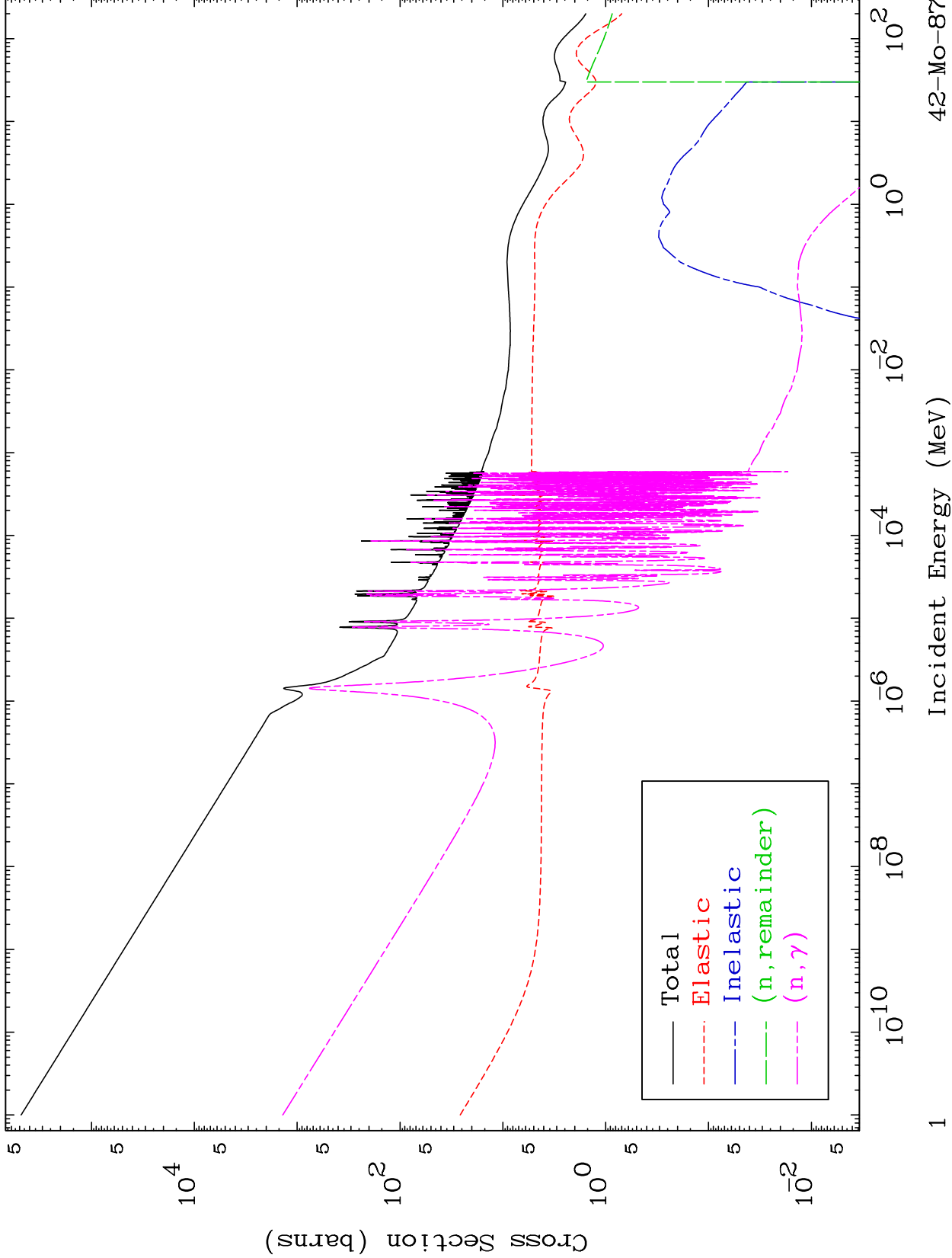
Press Mouse Button to Start

MAT 4210

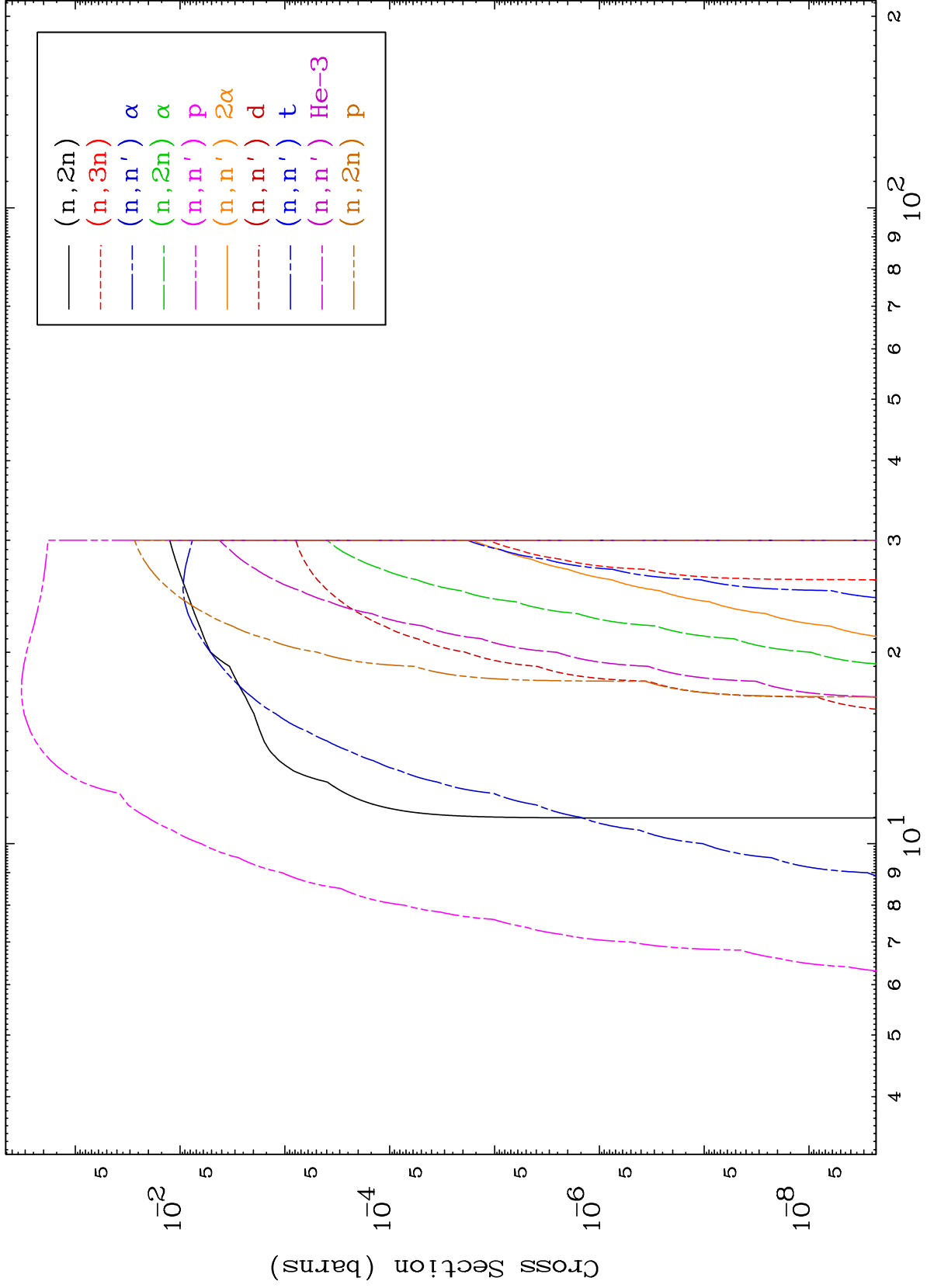
Major

293 Kelvin Cross Sections

42-Mo-87



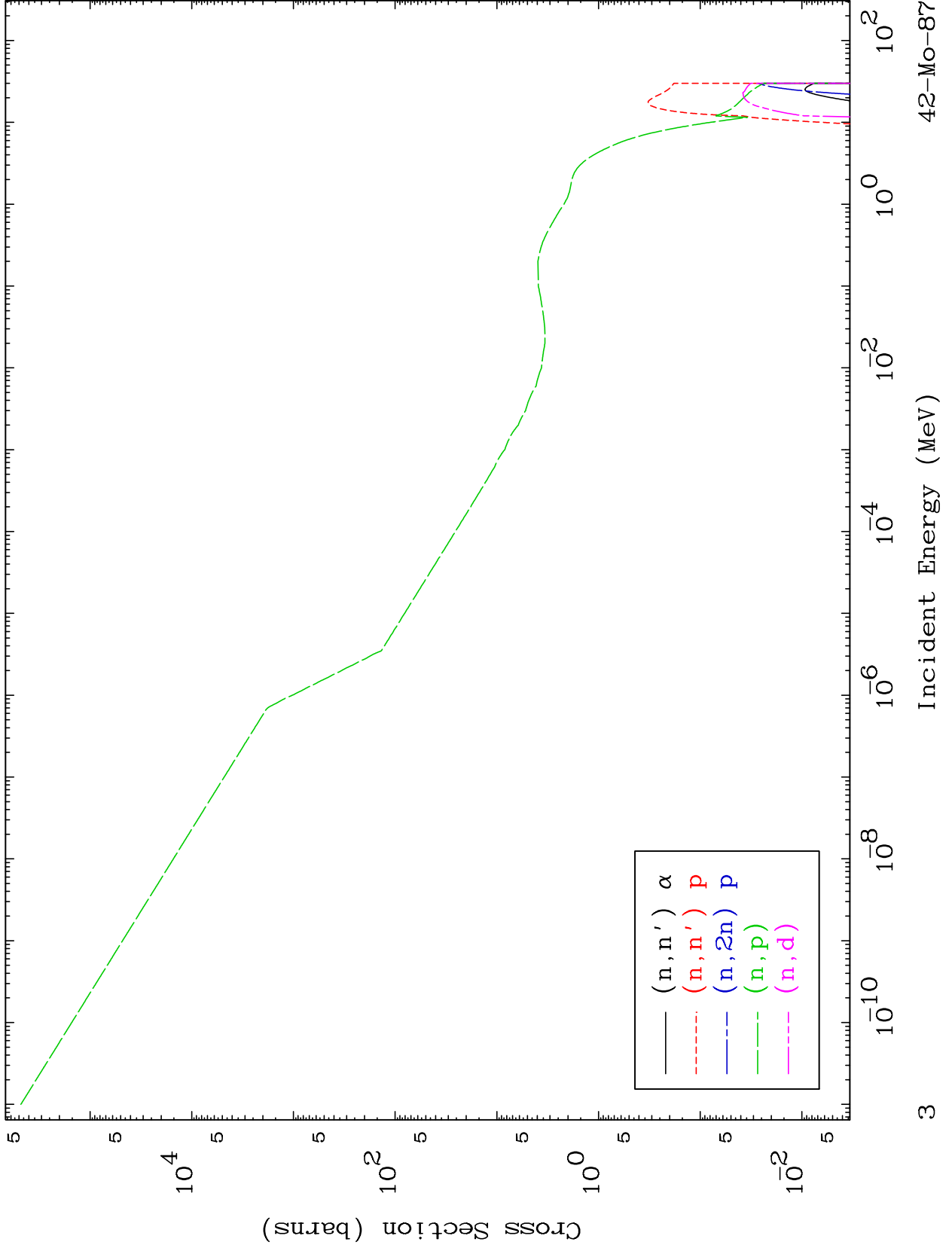
Neutron Production
293 Kelvin Cross Sections



MAT 4210

Charged Particle
293 Kelvin Cross Sections

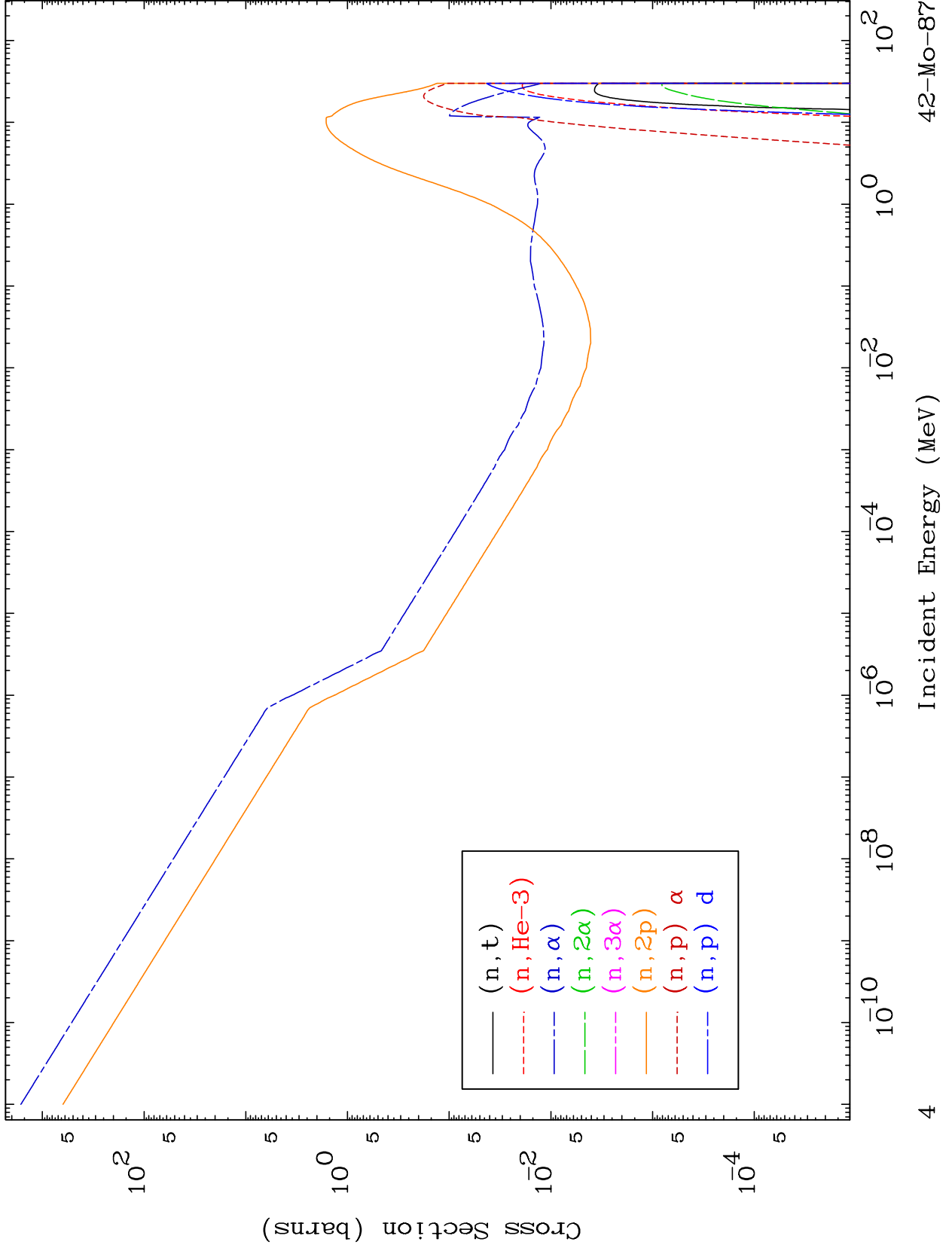
42-Mo-87

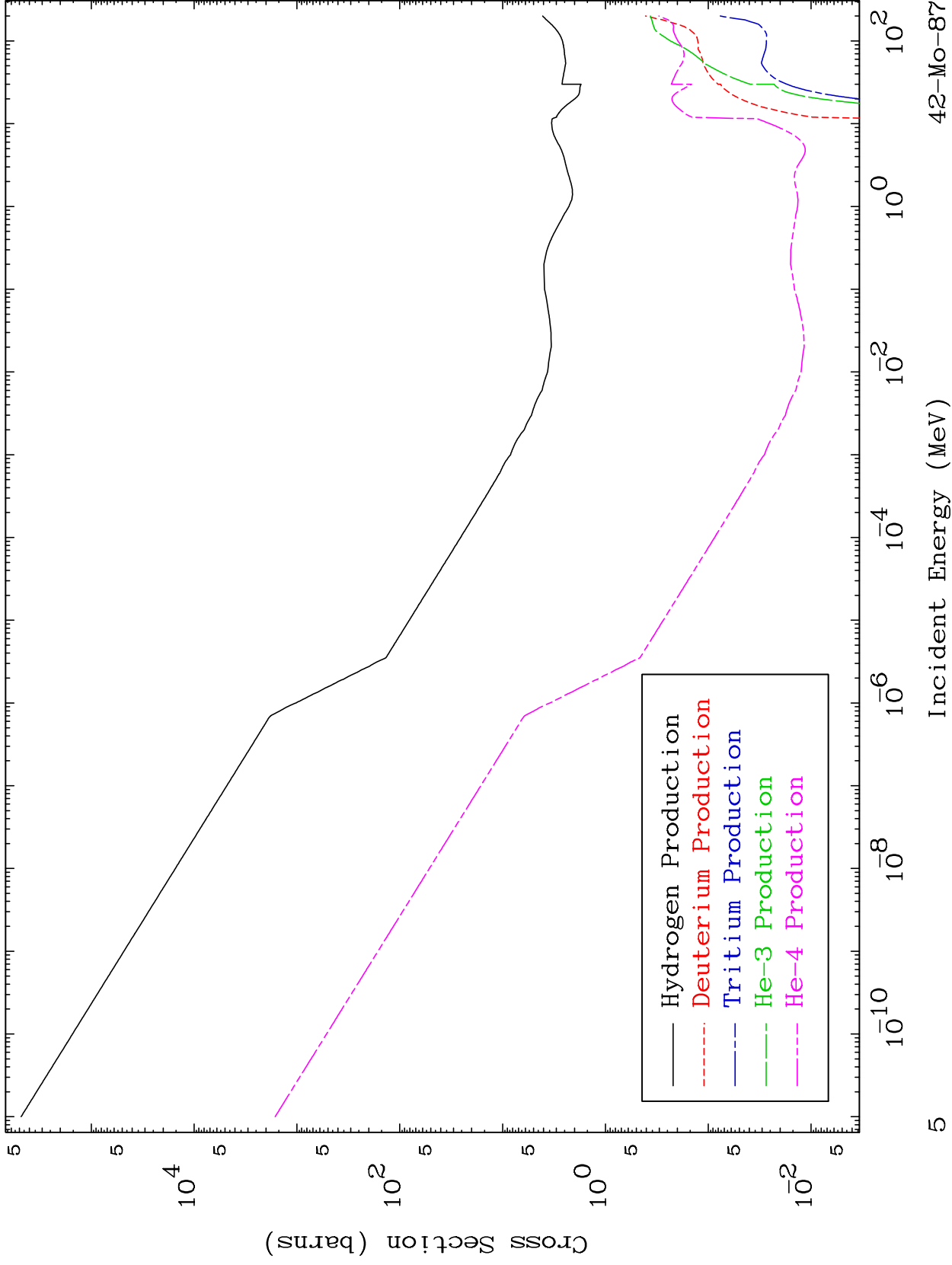


MAT 4210

Charged Particle
293 Kelvin Cross Sections

42-Mo-87

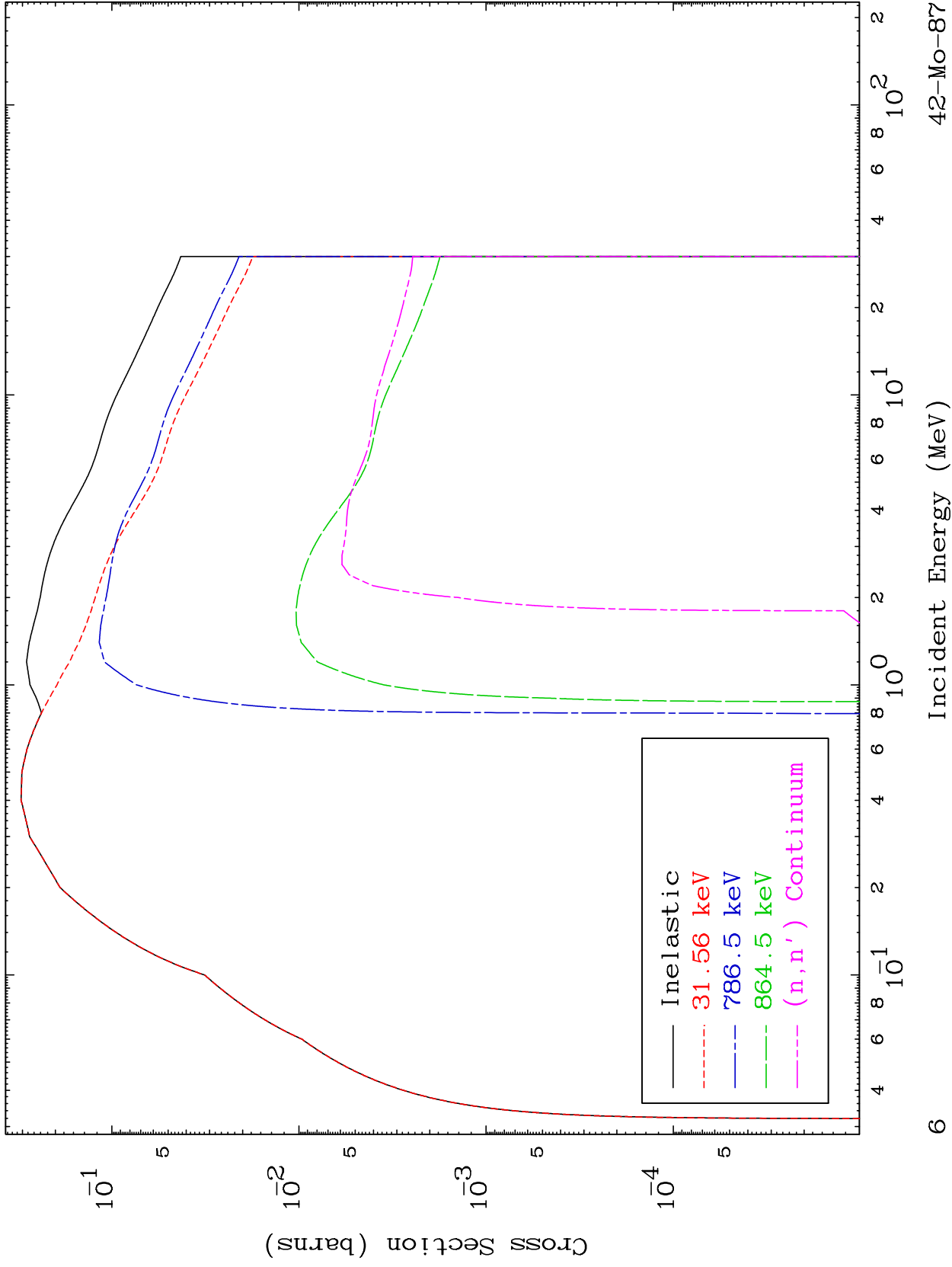




MAT 4210

(n,n') Level
293 Kelvin Cross Sections

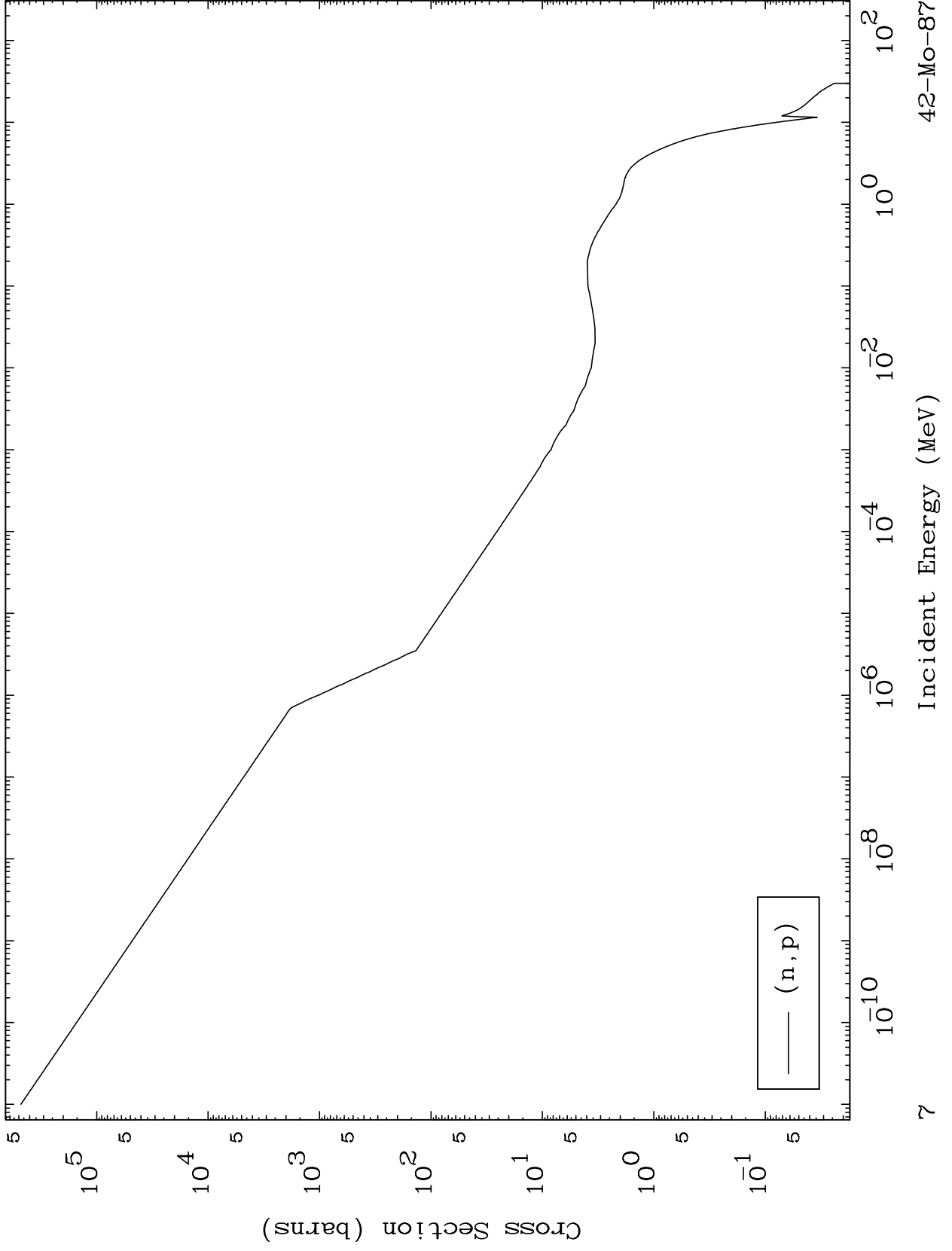
42-Mo-87



MAT 4210

(n,p) Levels
293 Kelvin Cross Sections

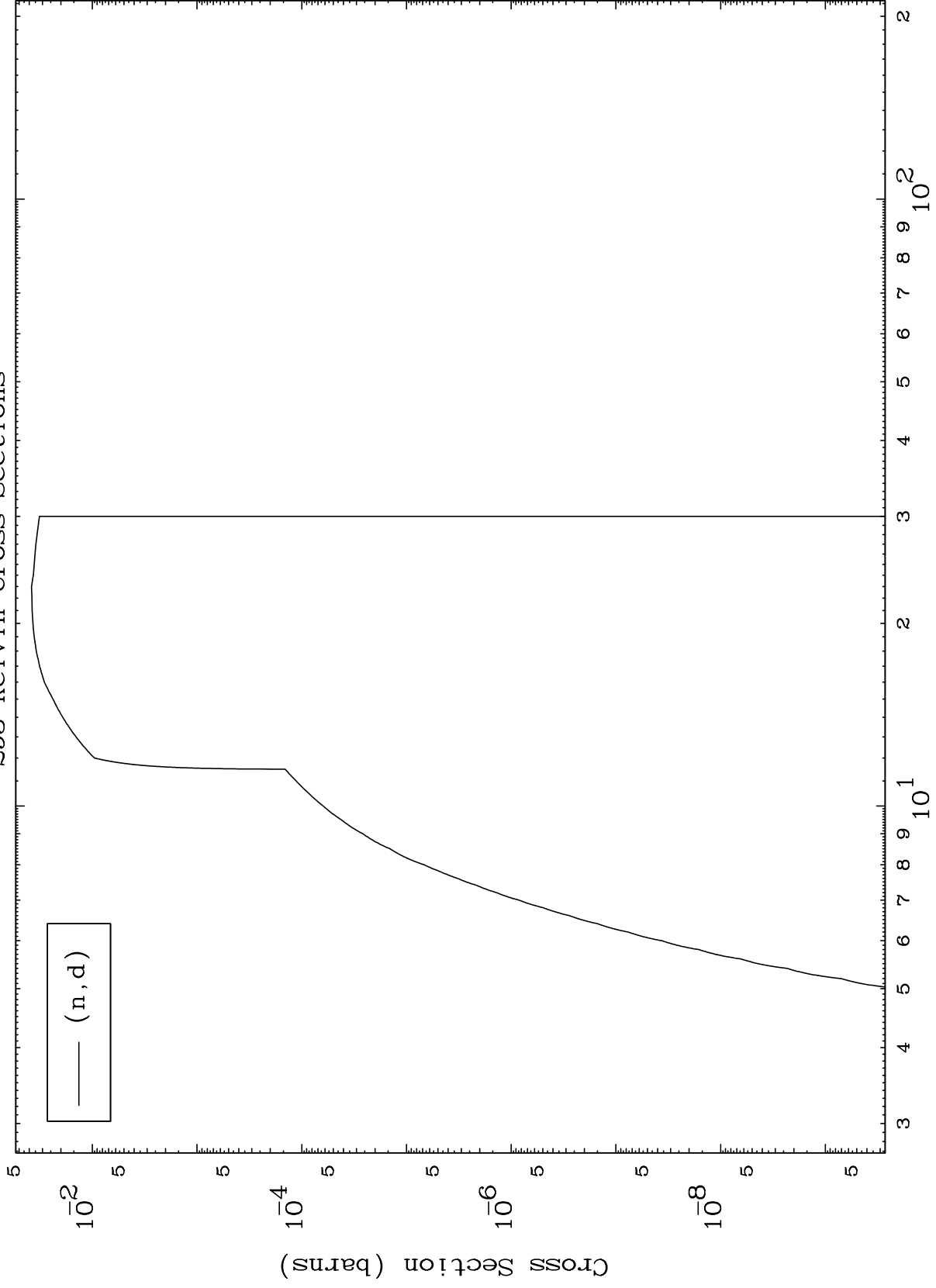
42-Mo-87



MAT 4210

(n,d) Levels
293 Kelvin Cross Sections

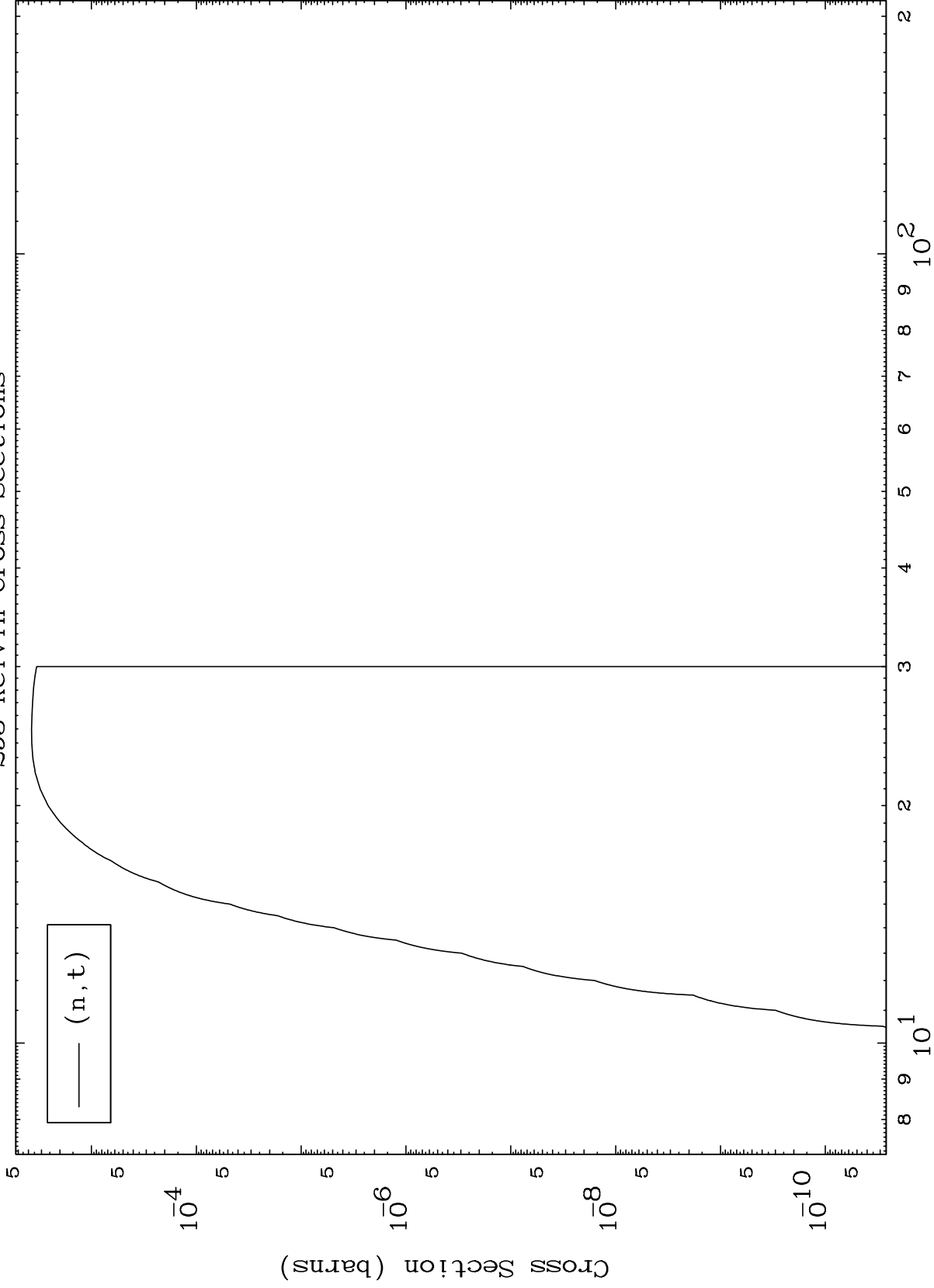
42-Mo-87



MAT 4210

(n,t) Levels
293 Kelvin Cross Sections

42-Mo-87



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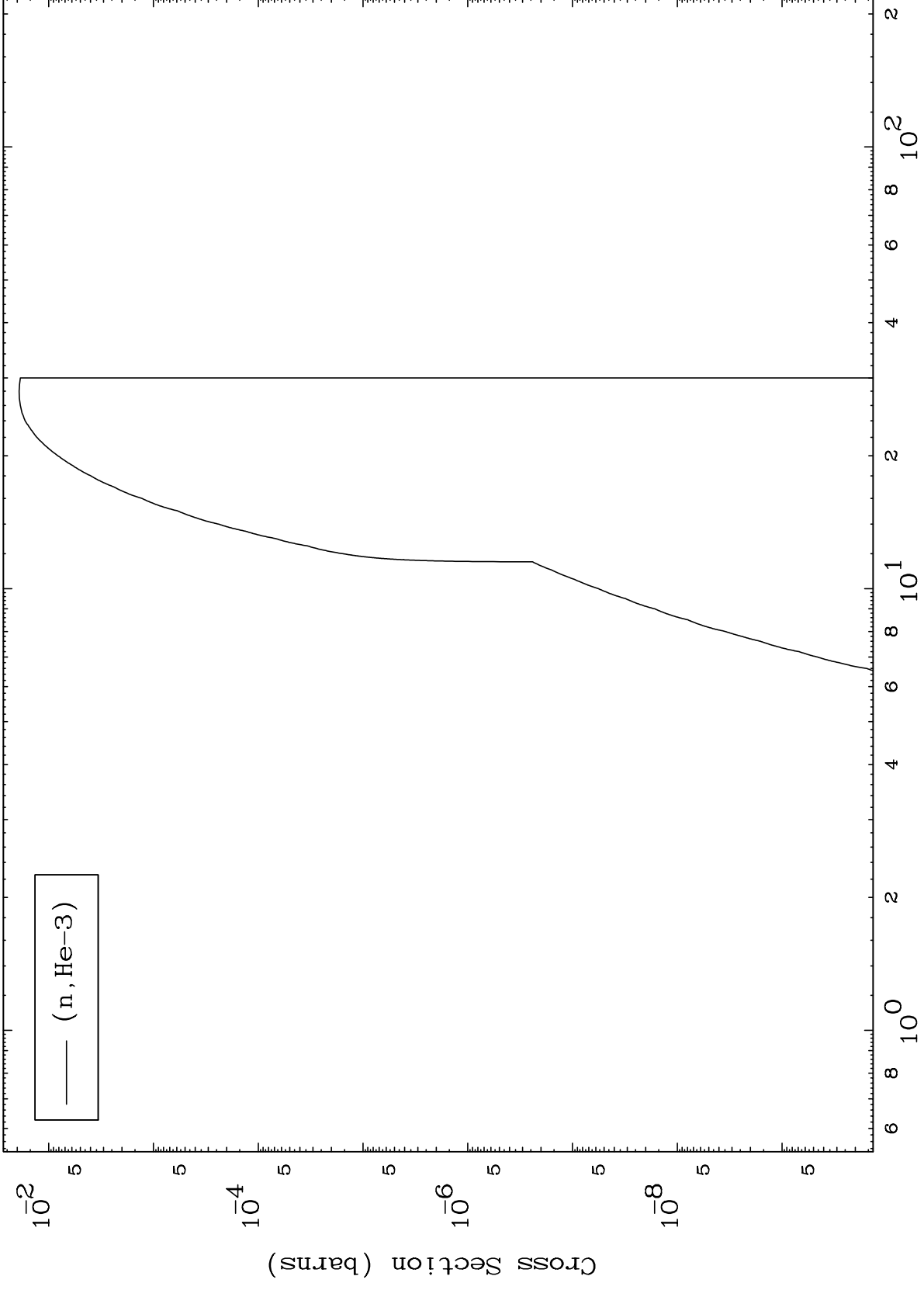
Incident Energy (MeV)

42-Mo-87

MAT 4210

(n,He3) Levels
293 Kelvin Cross Sections

42-Mo-87



10

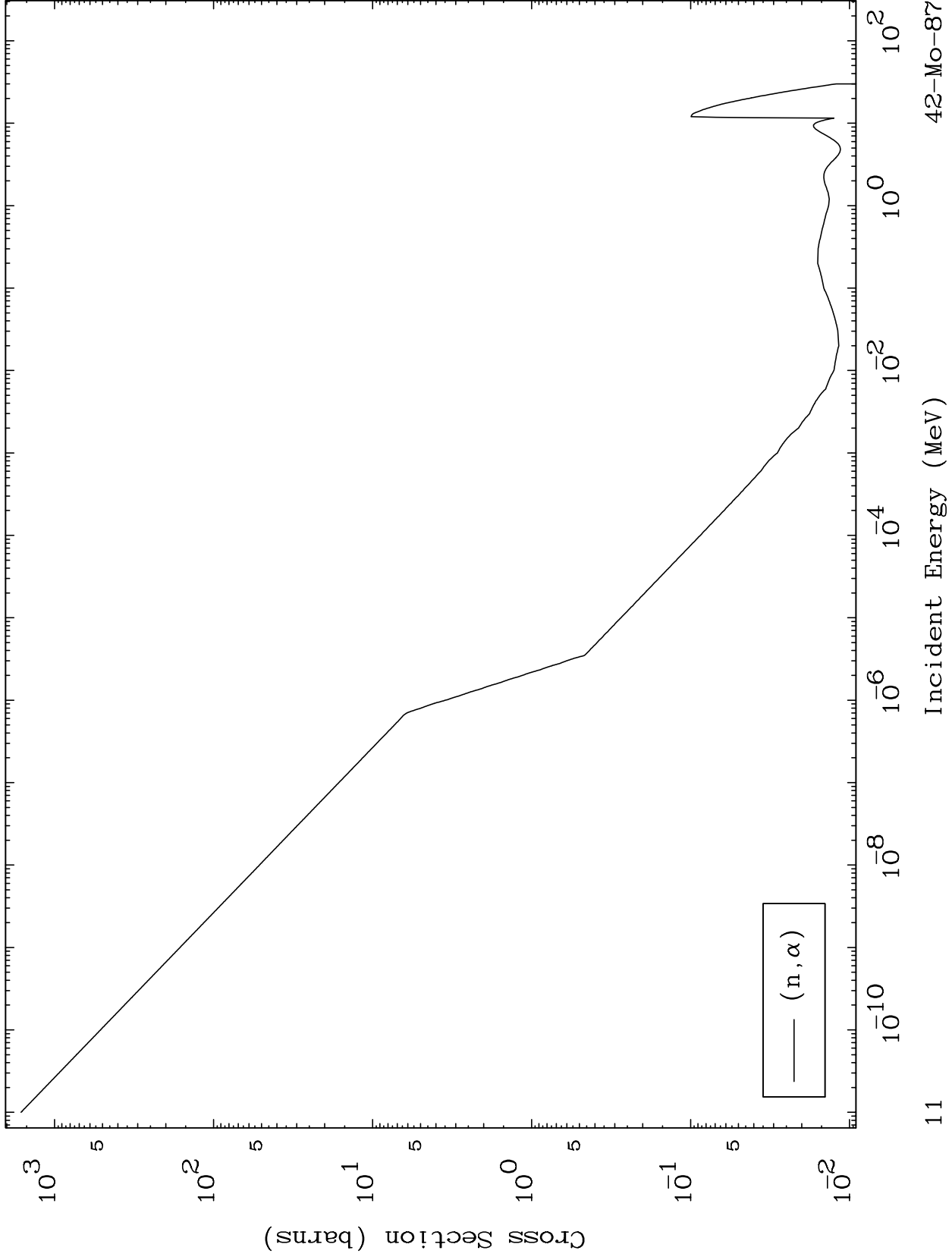
Incident Energy (MeV)

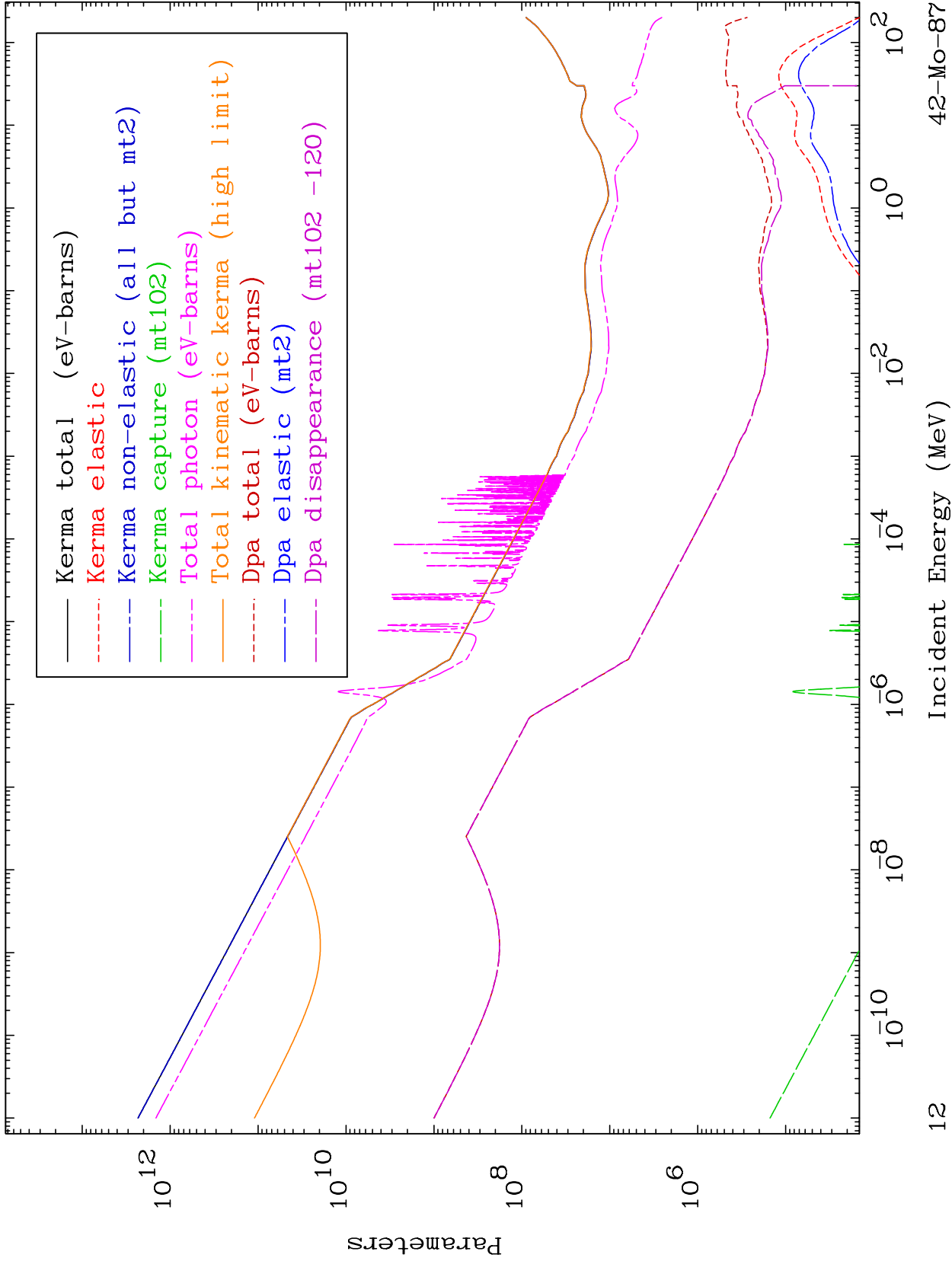
42-Mo-87

MAT 4210

(n, α) Levels
293 Kelvin Cross Sections

42-Mo-87

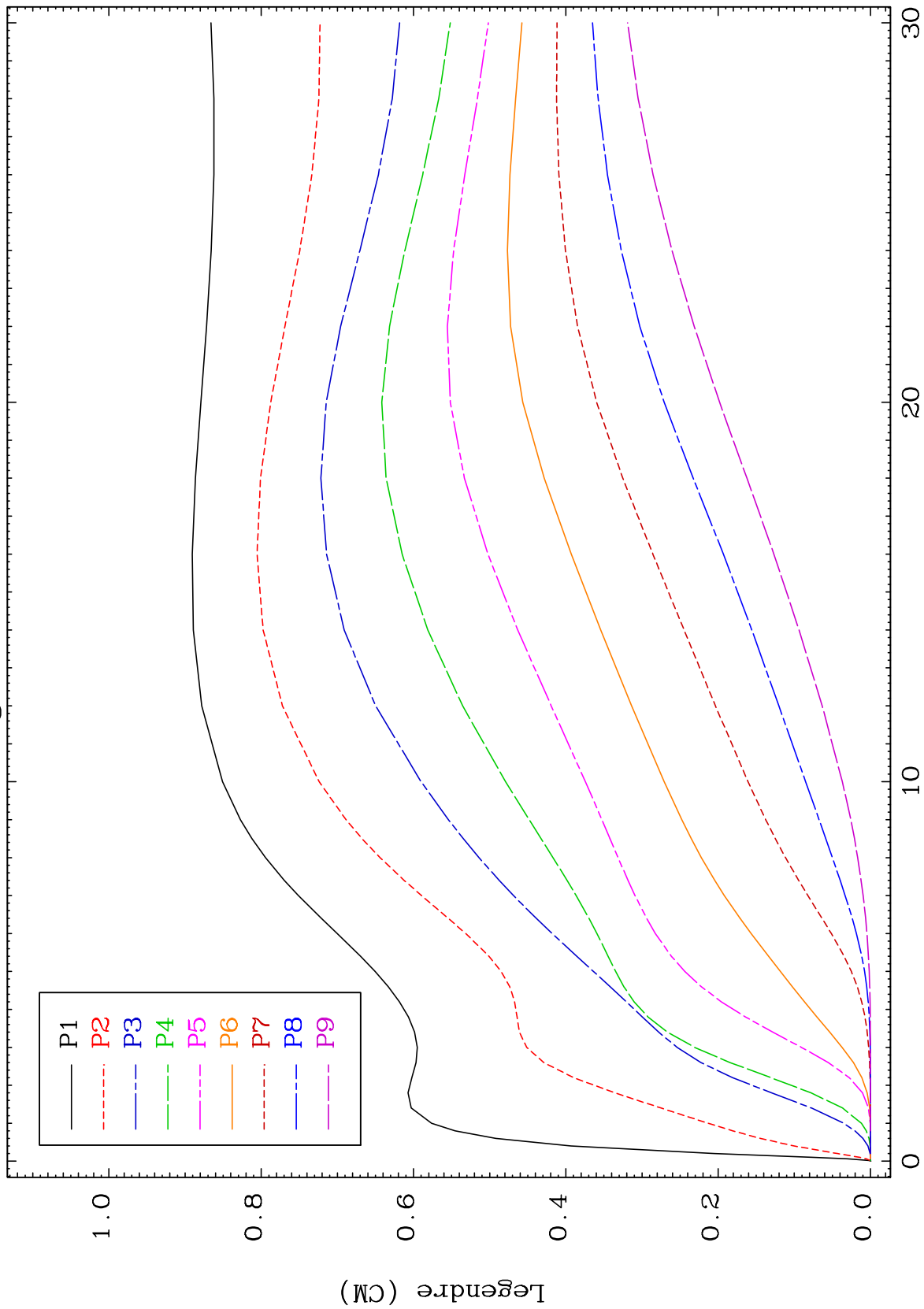




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Elastic Legendre Coefficients

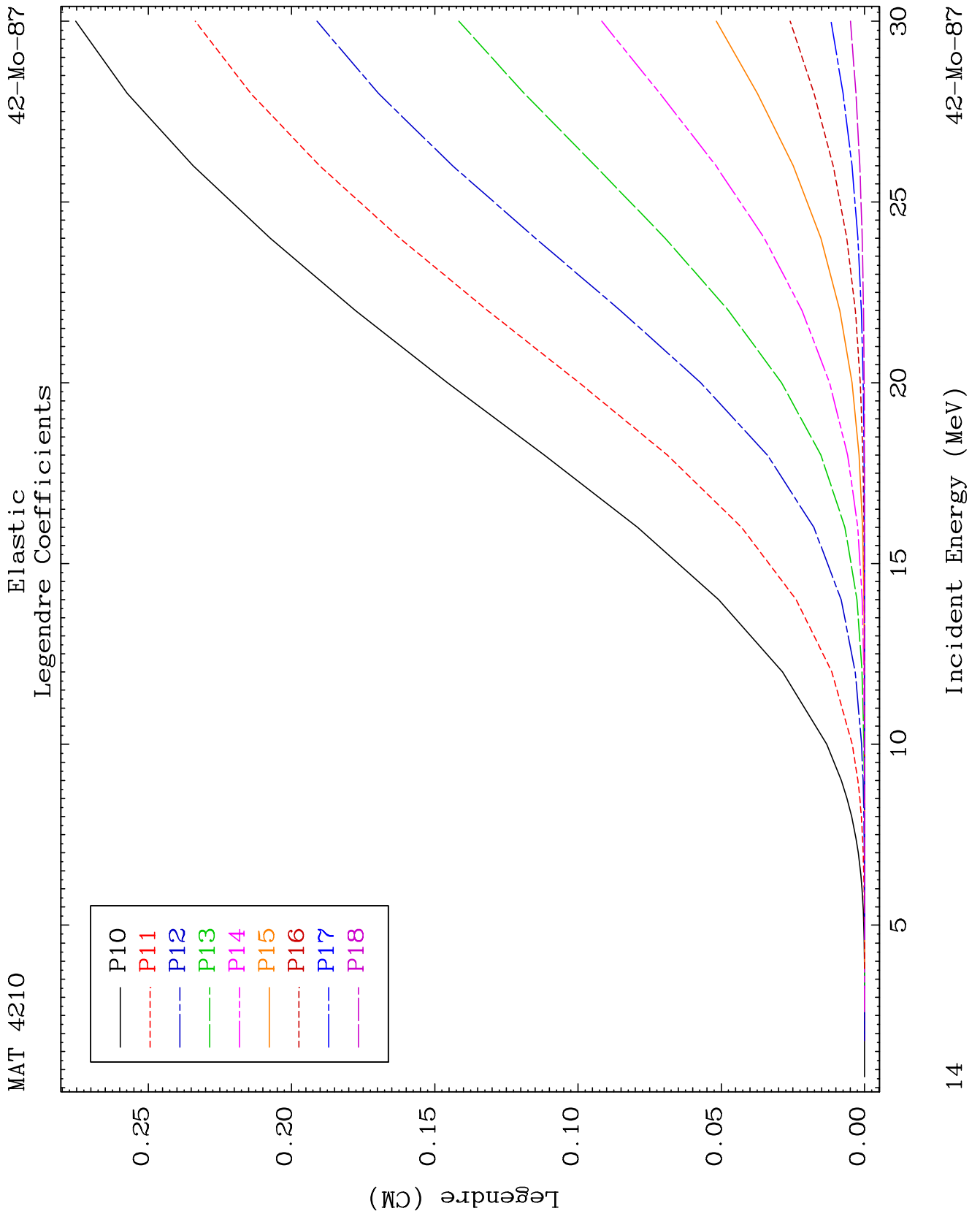
42-Mo-87

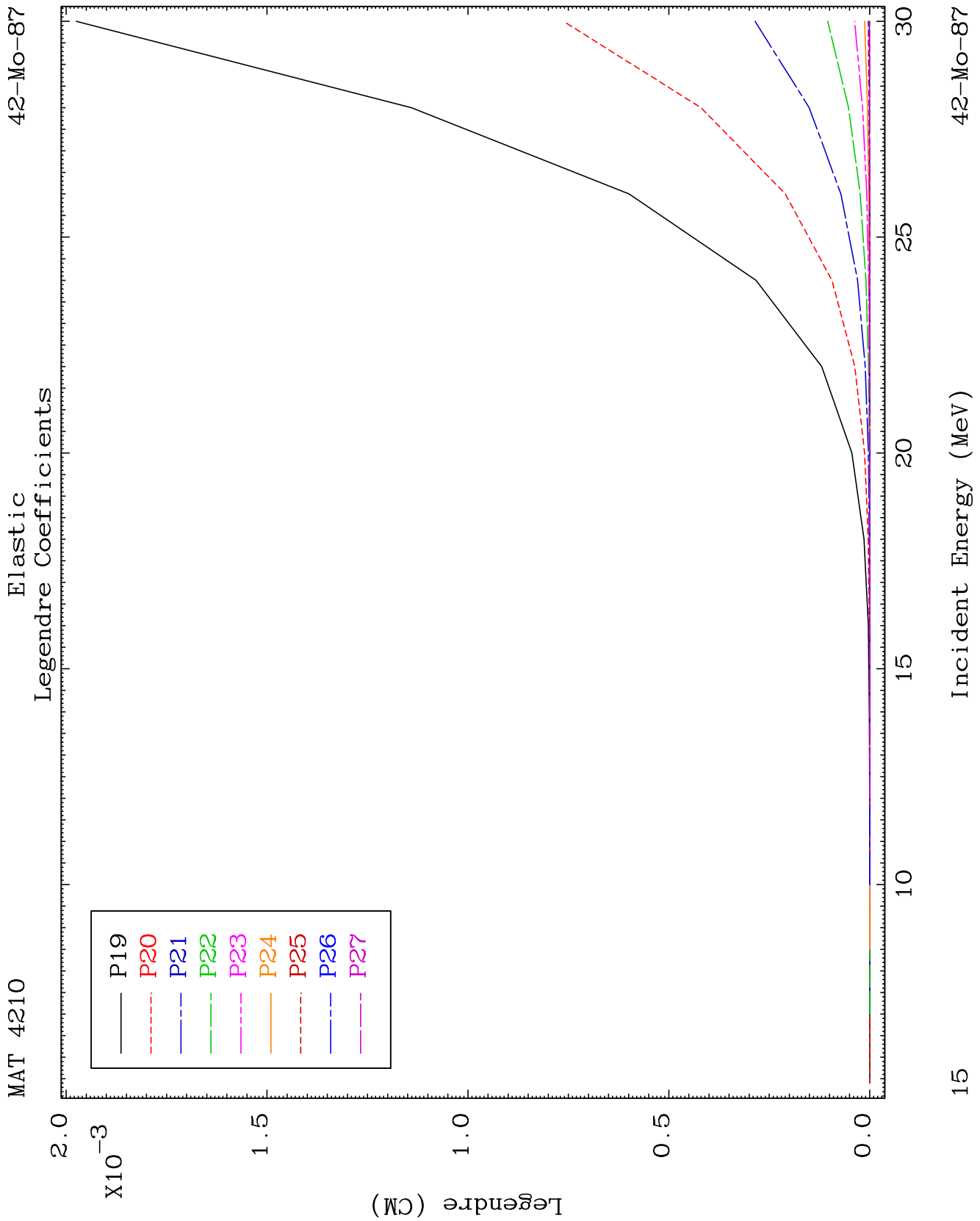


13

Incident Energy (MeV)

42-Mo-87

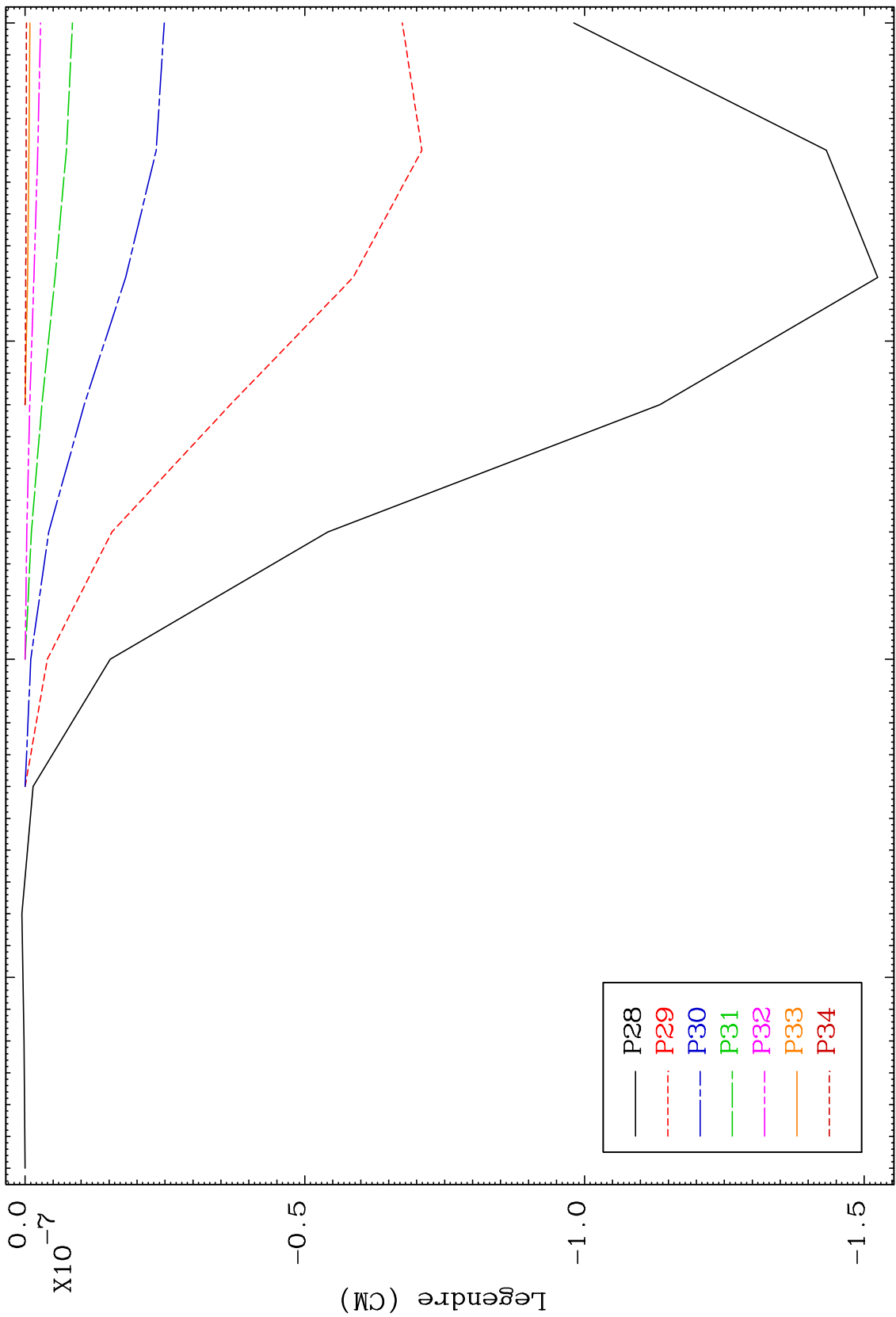




MAT 4210

42-Mo-87

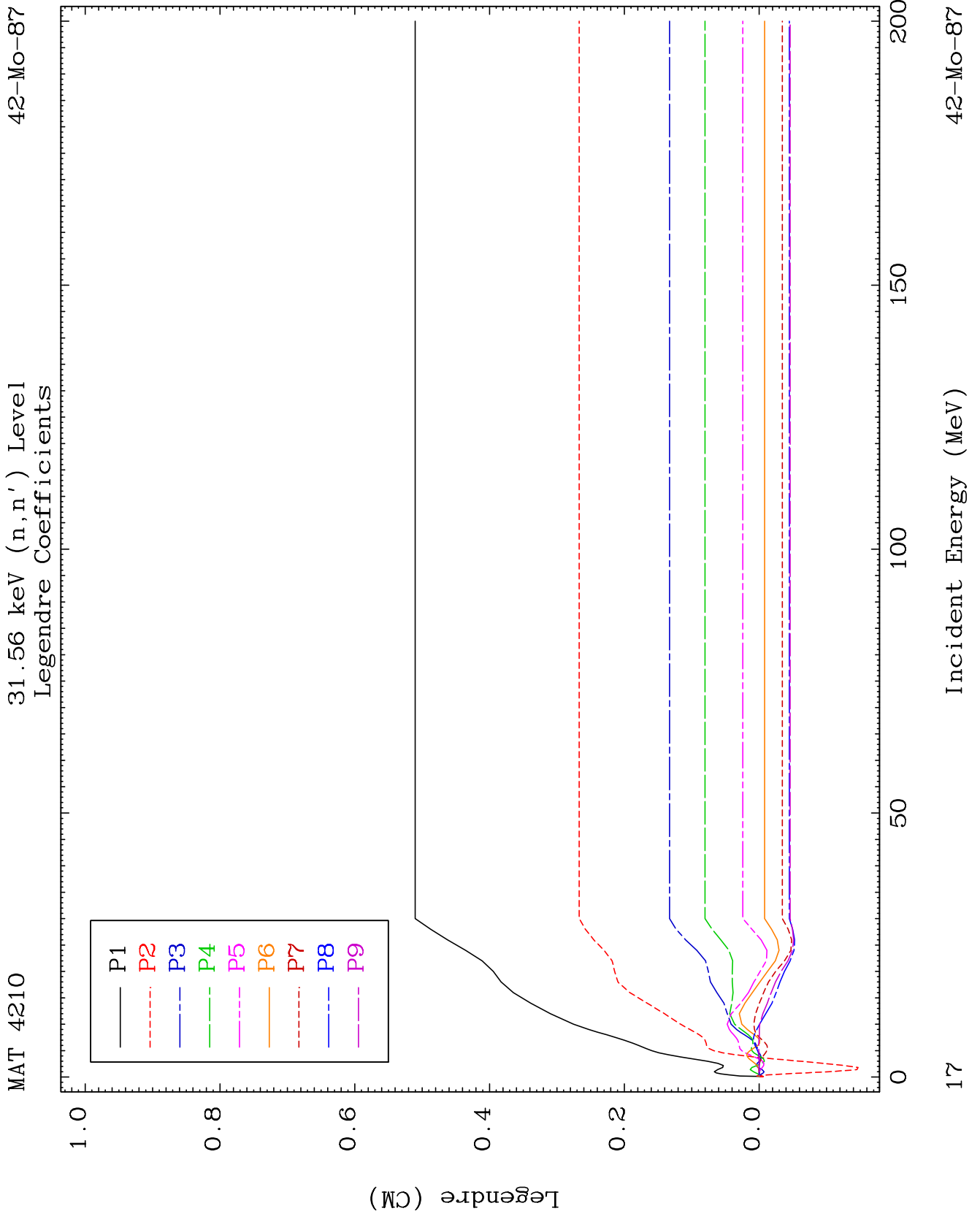
Elastic Legendre Coefficients

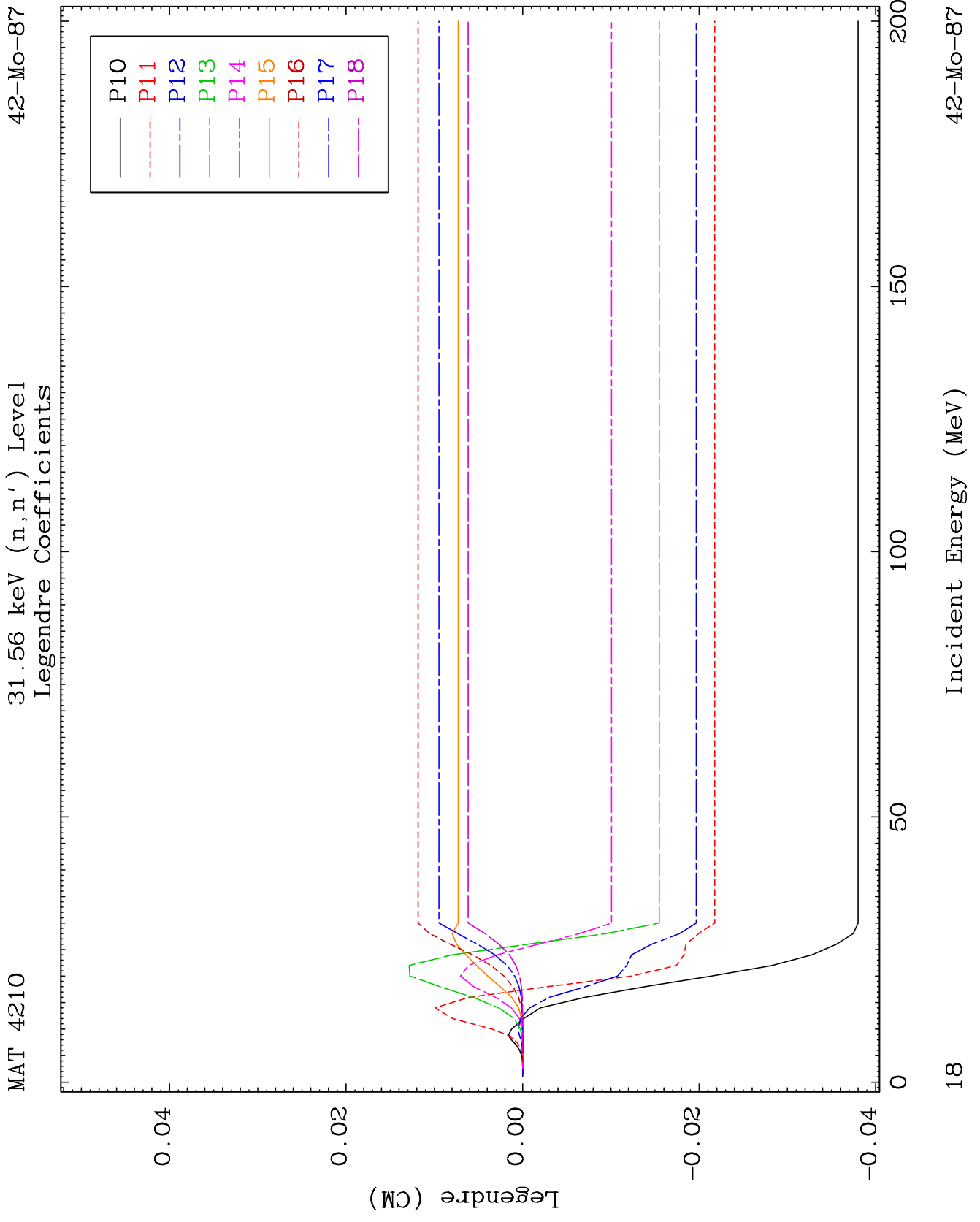


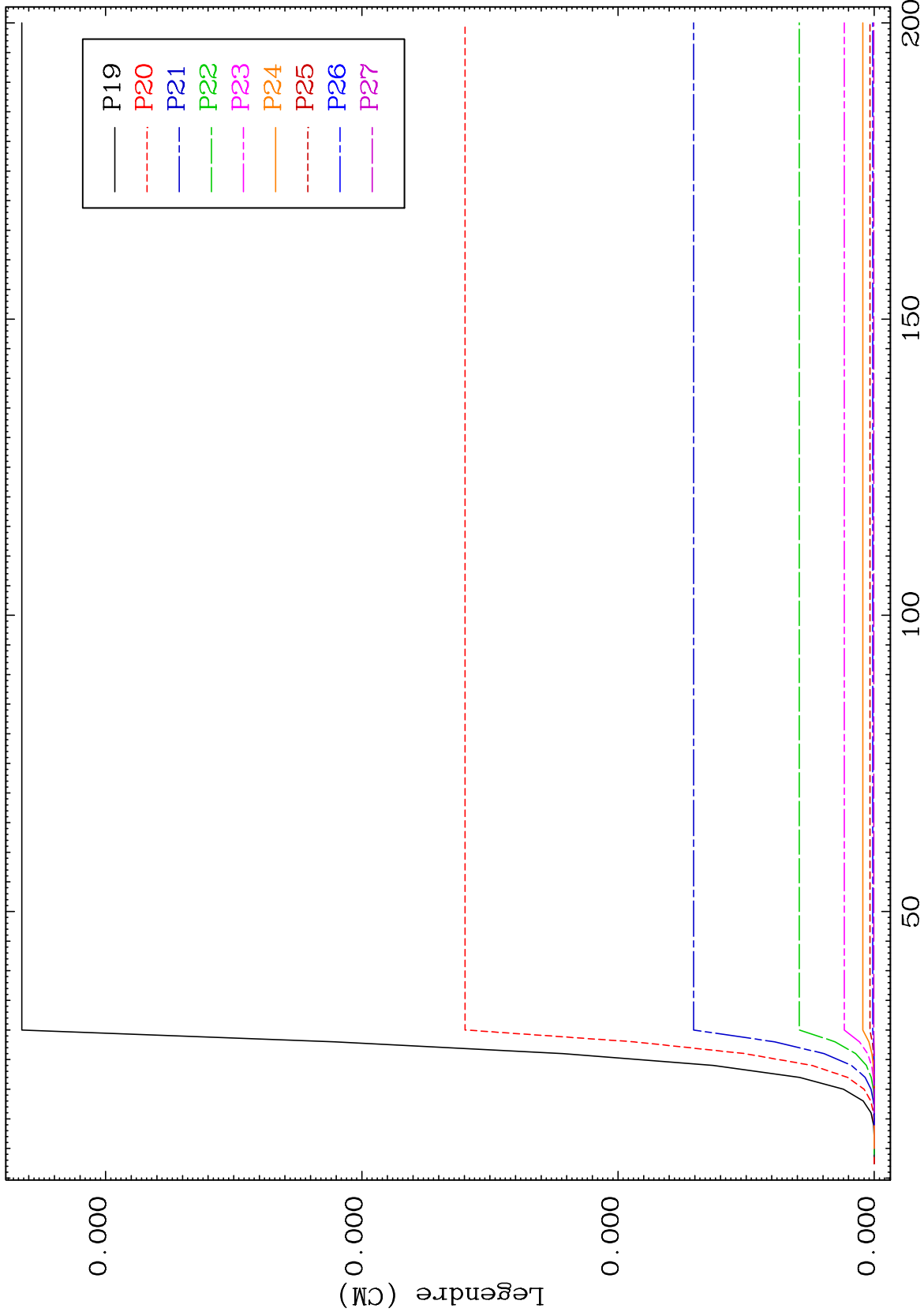
16

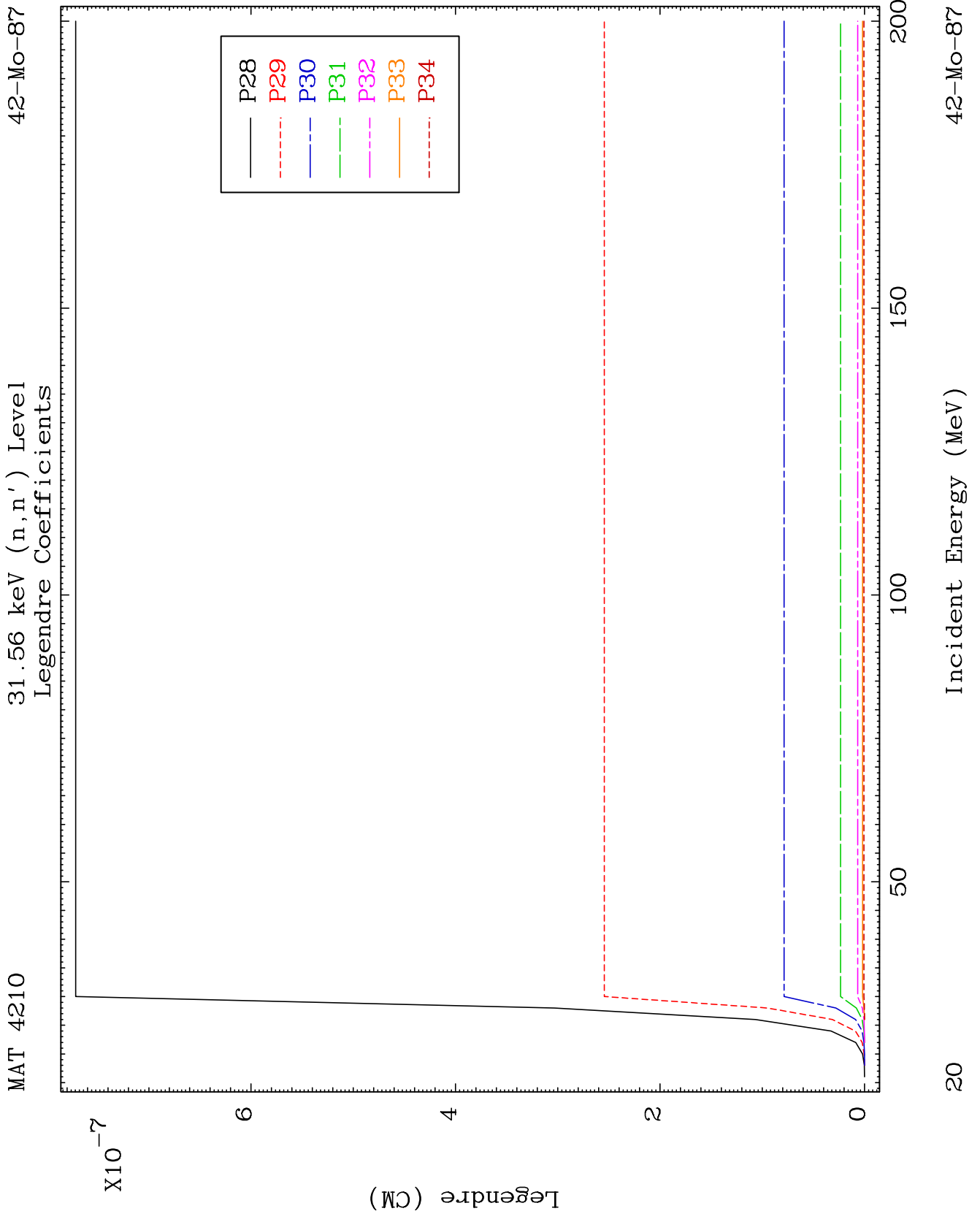
Incident Energy (MeV)

42-Mo-87





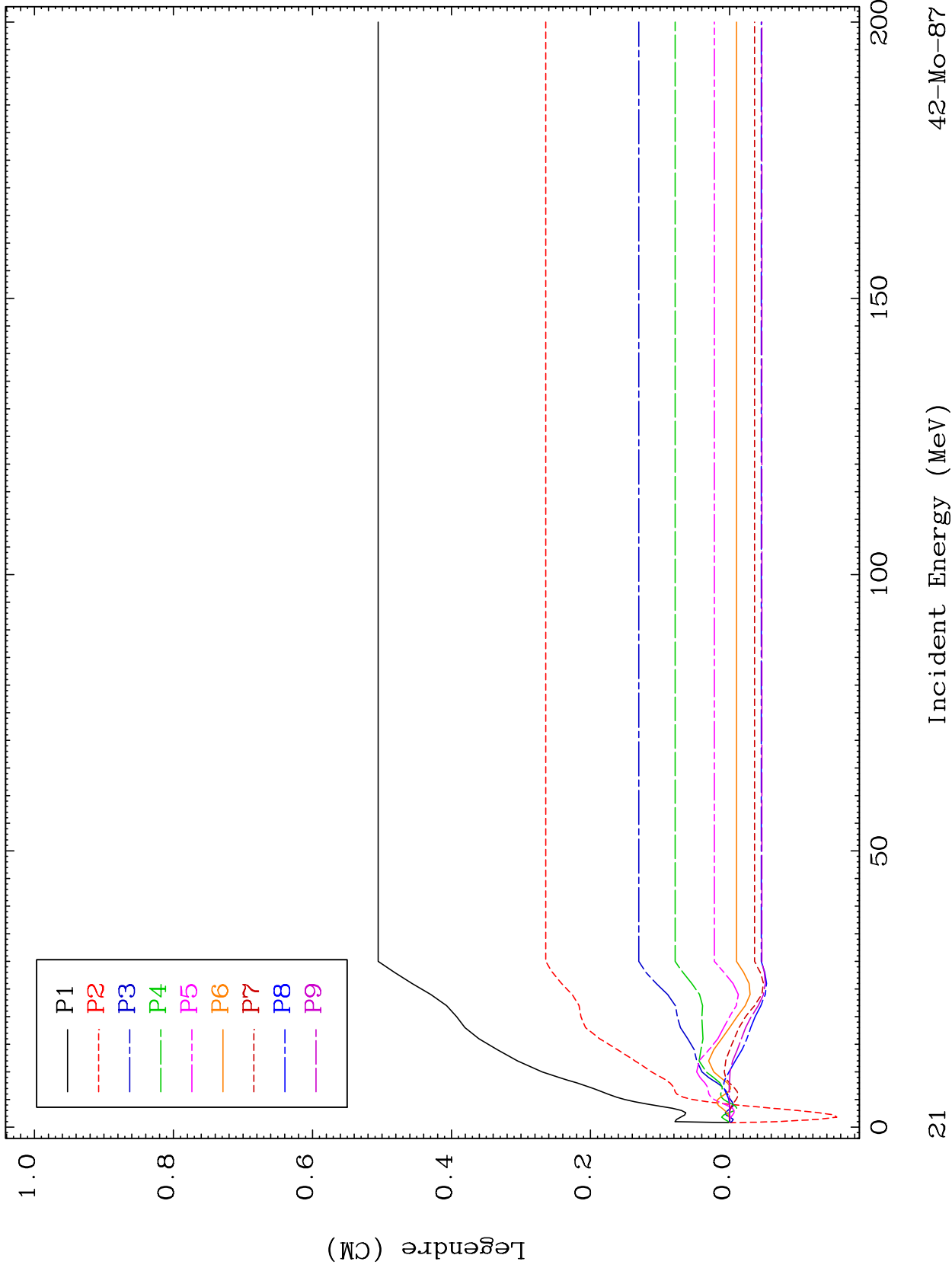




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786.5 keV (n,n') Level
Legendre Coefficients

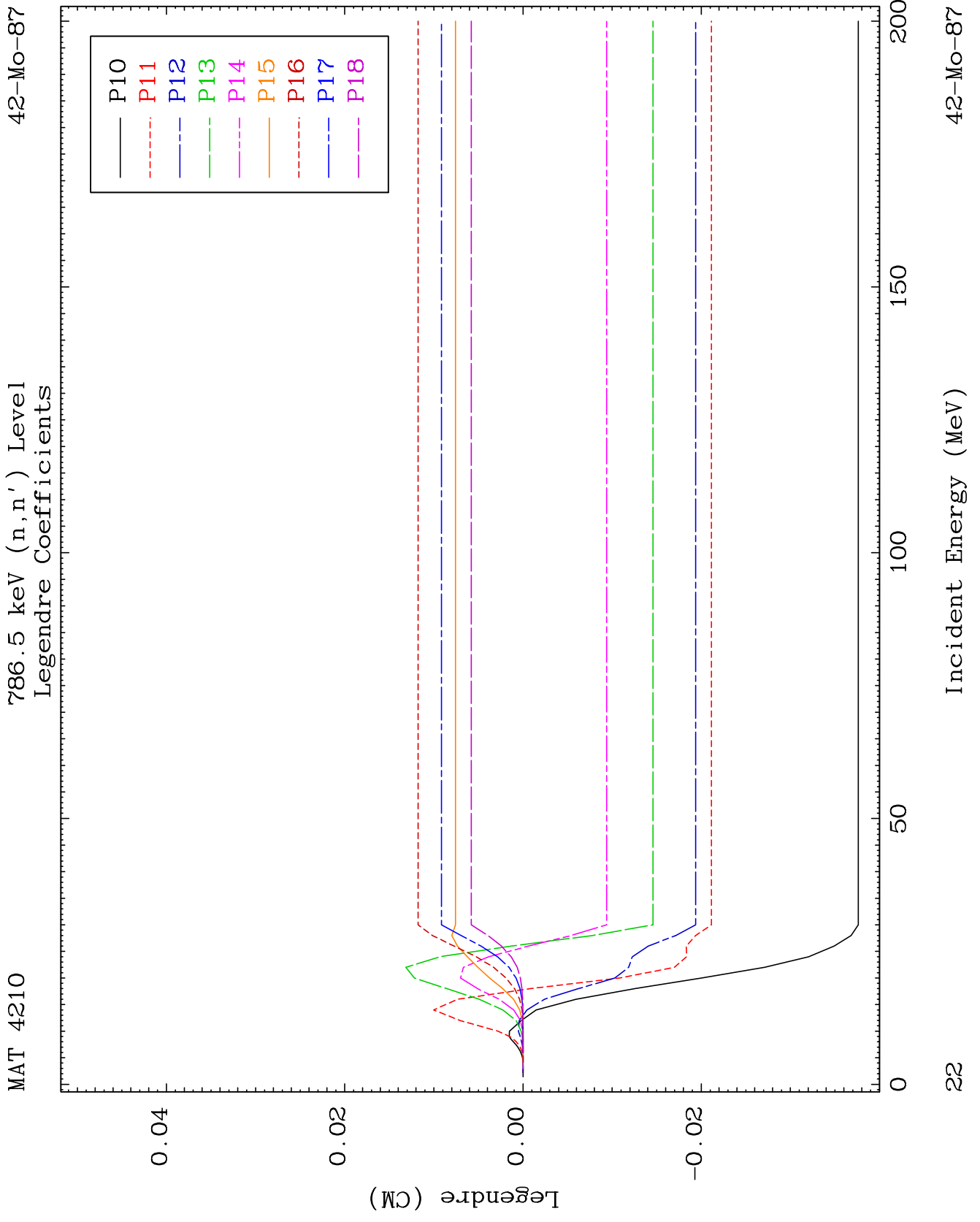
42-Mo-87

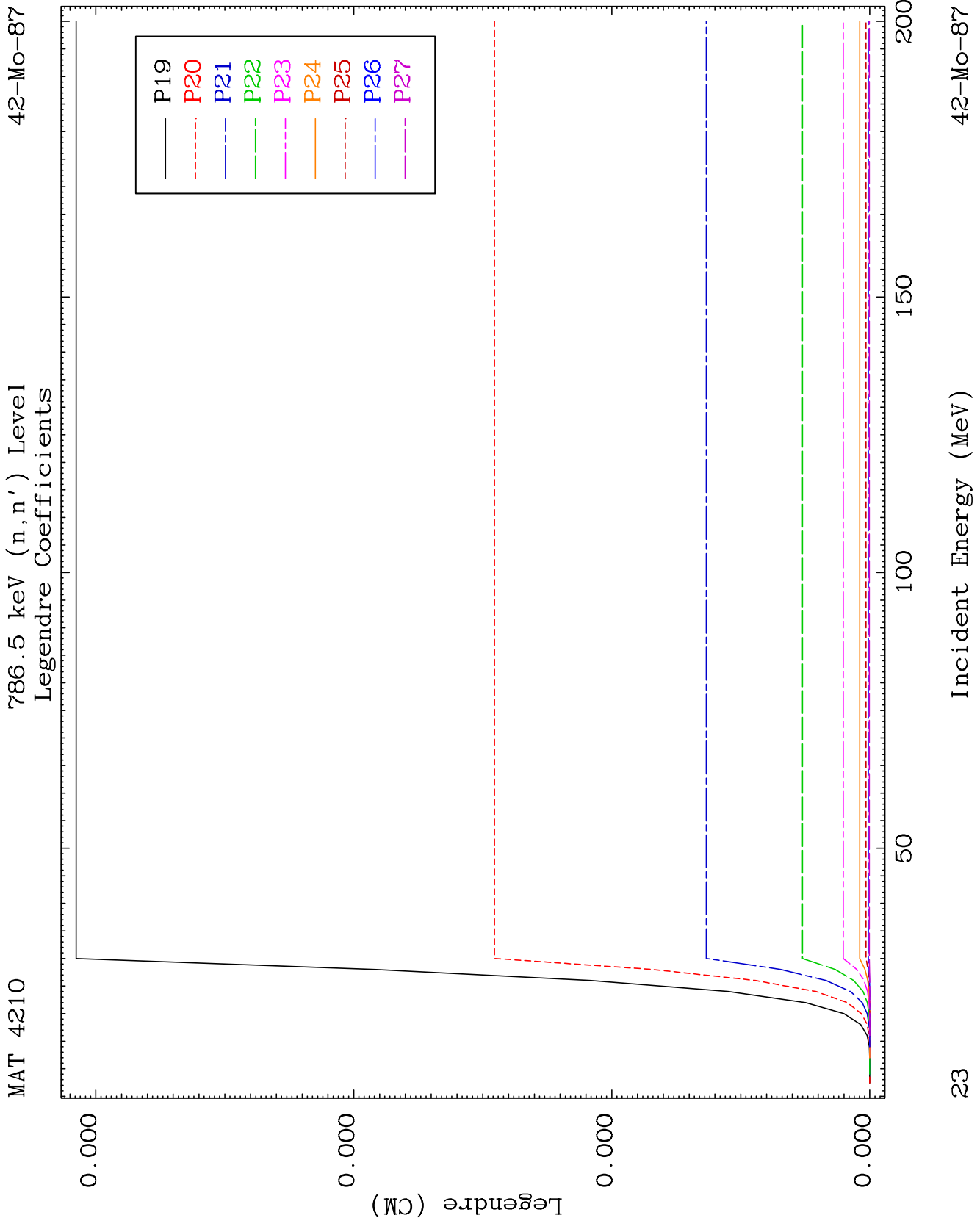


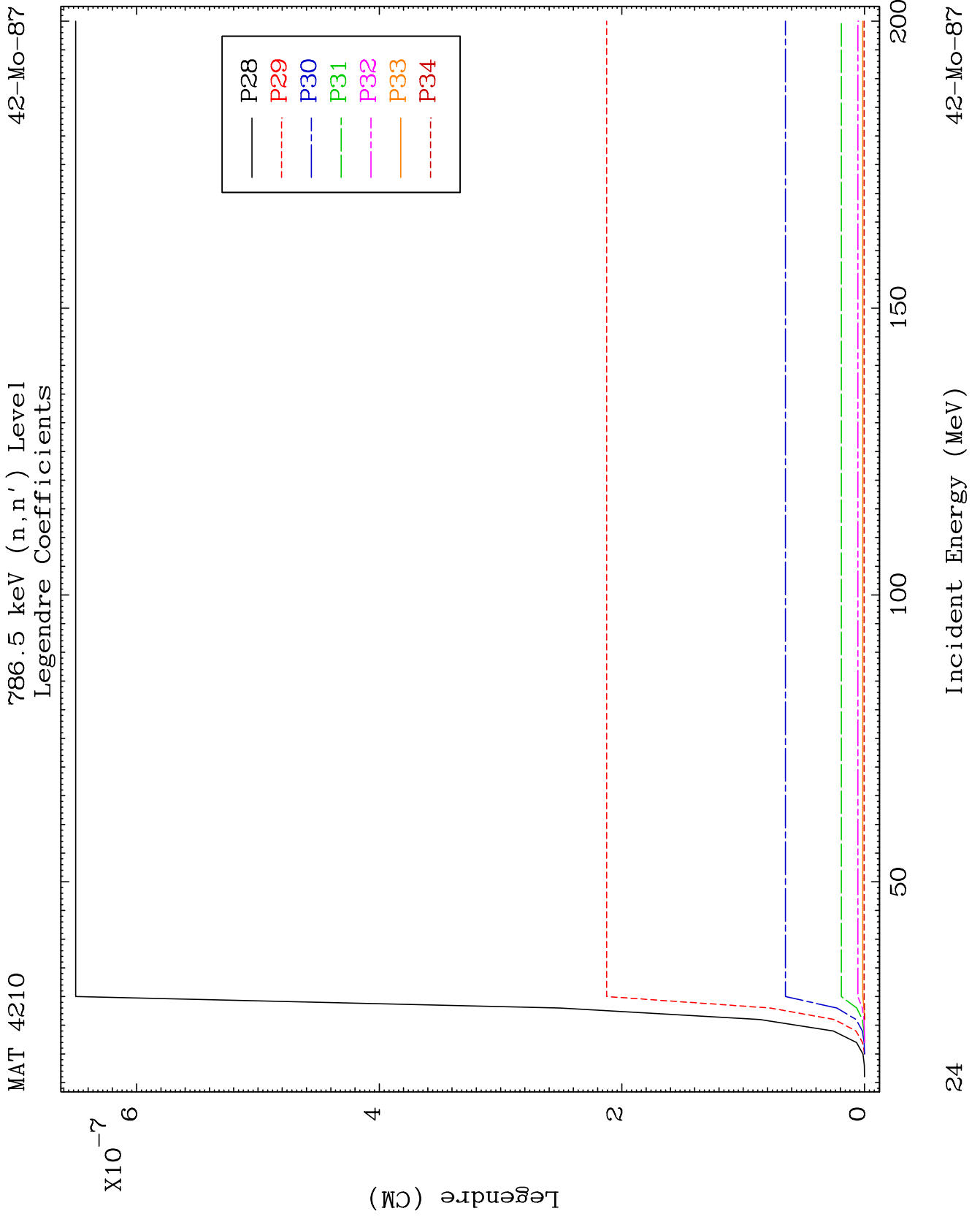
21

Incident Energy (MeV)

42-Mo-87



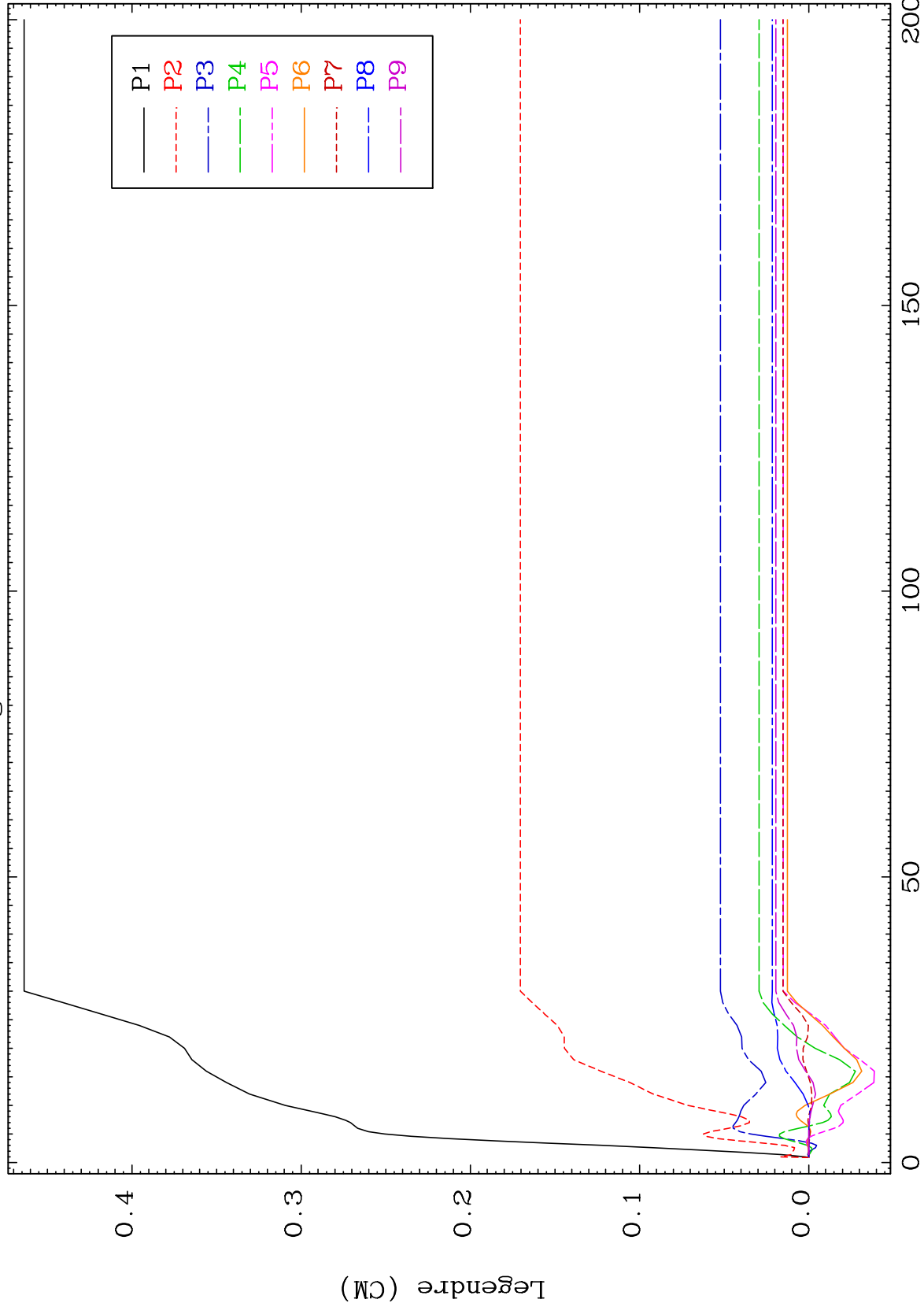




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864.5 keV (n,n') Level
Legendre Coefficients

42-Mo-87



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Incident Energy (MeV)

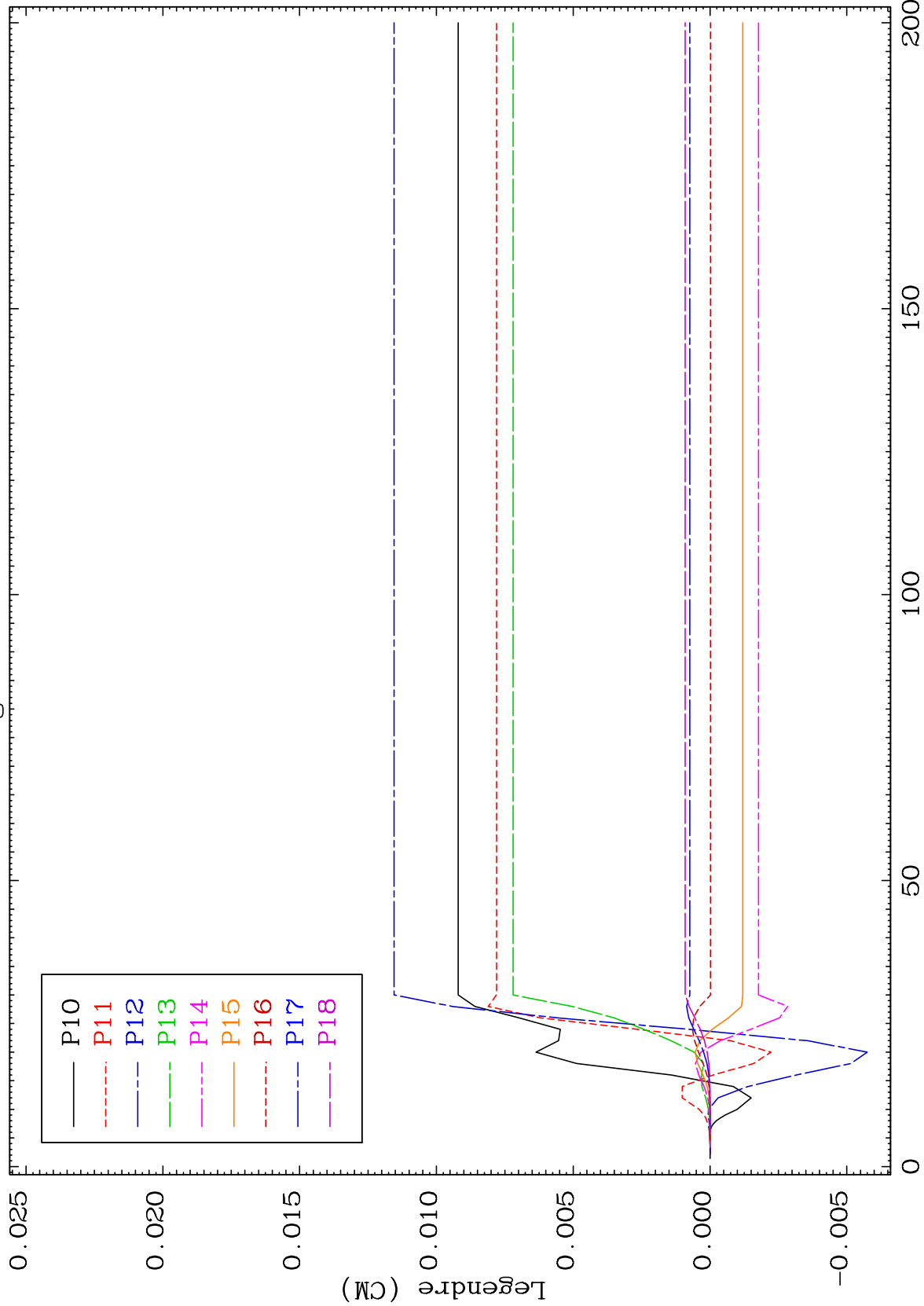
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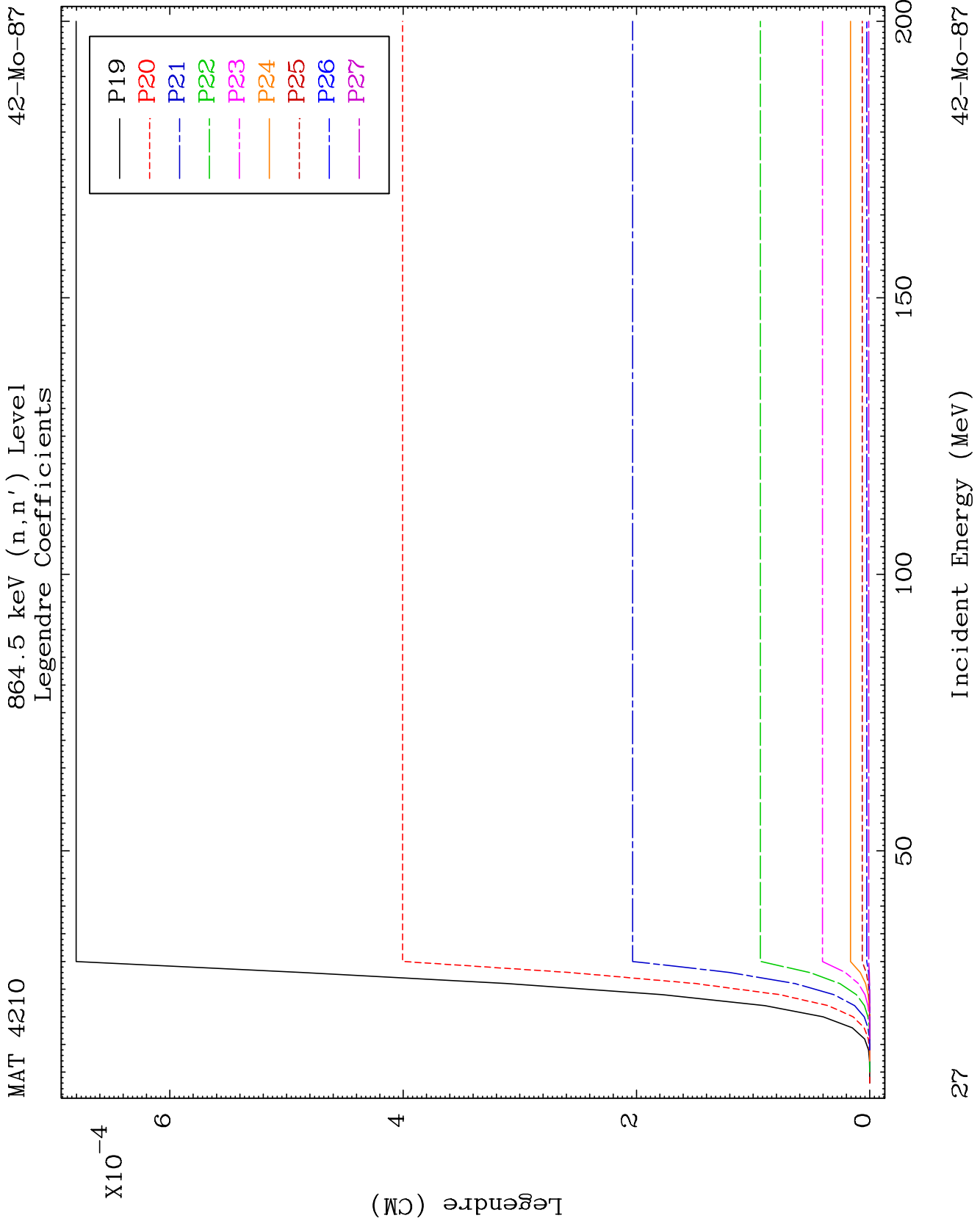
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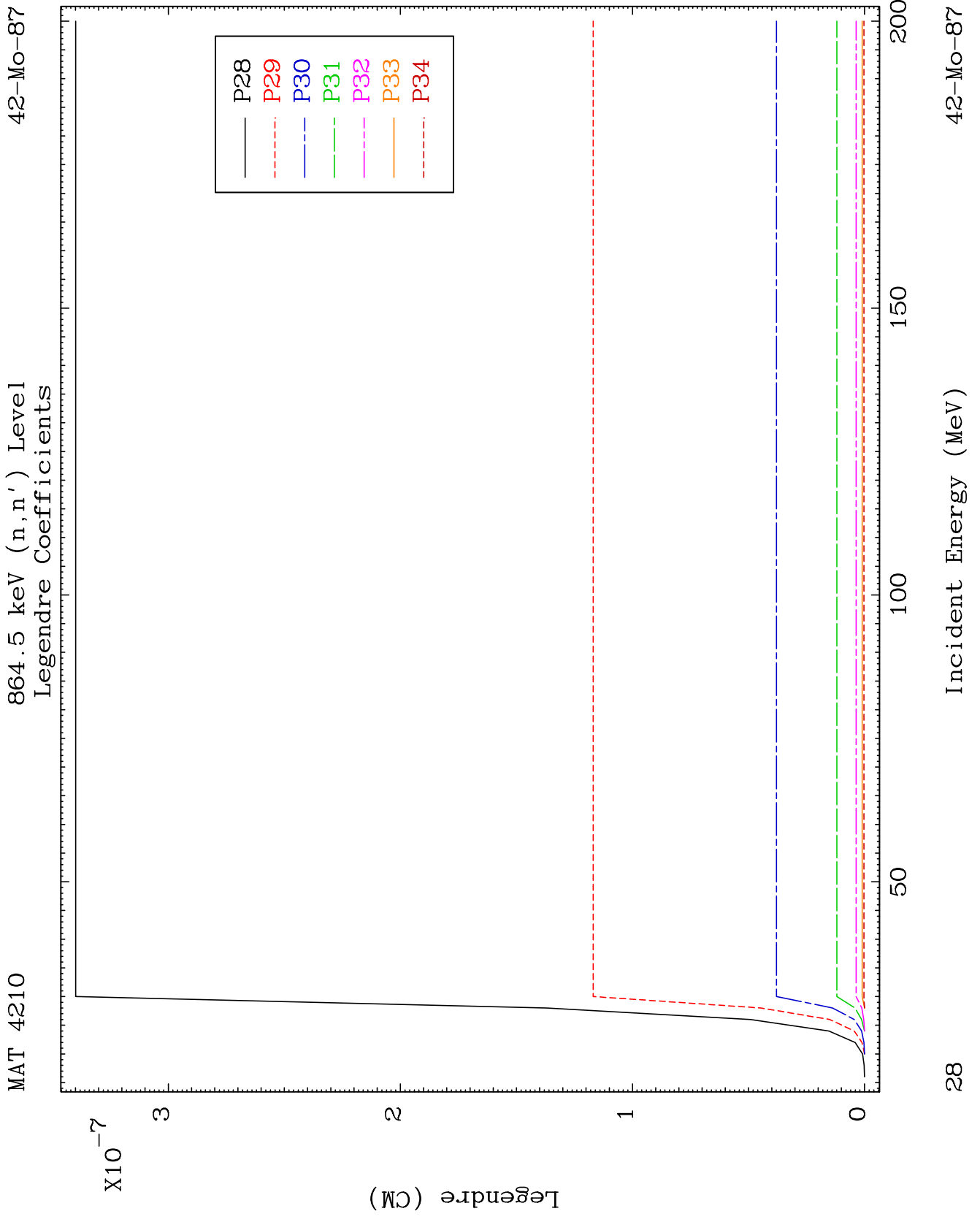
150

200

42-Mo-87





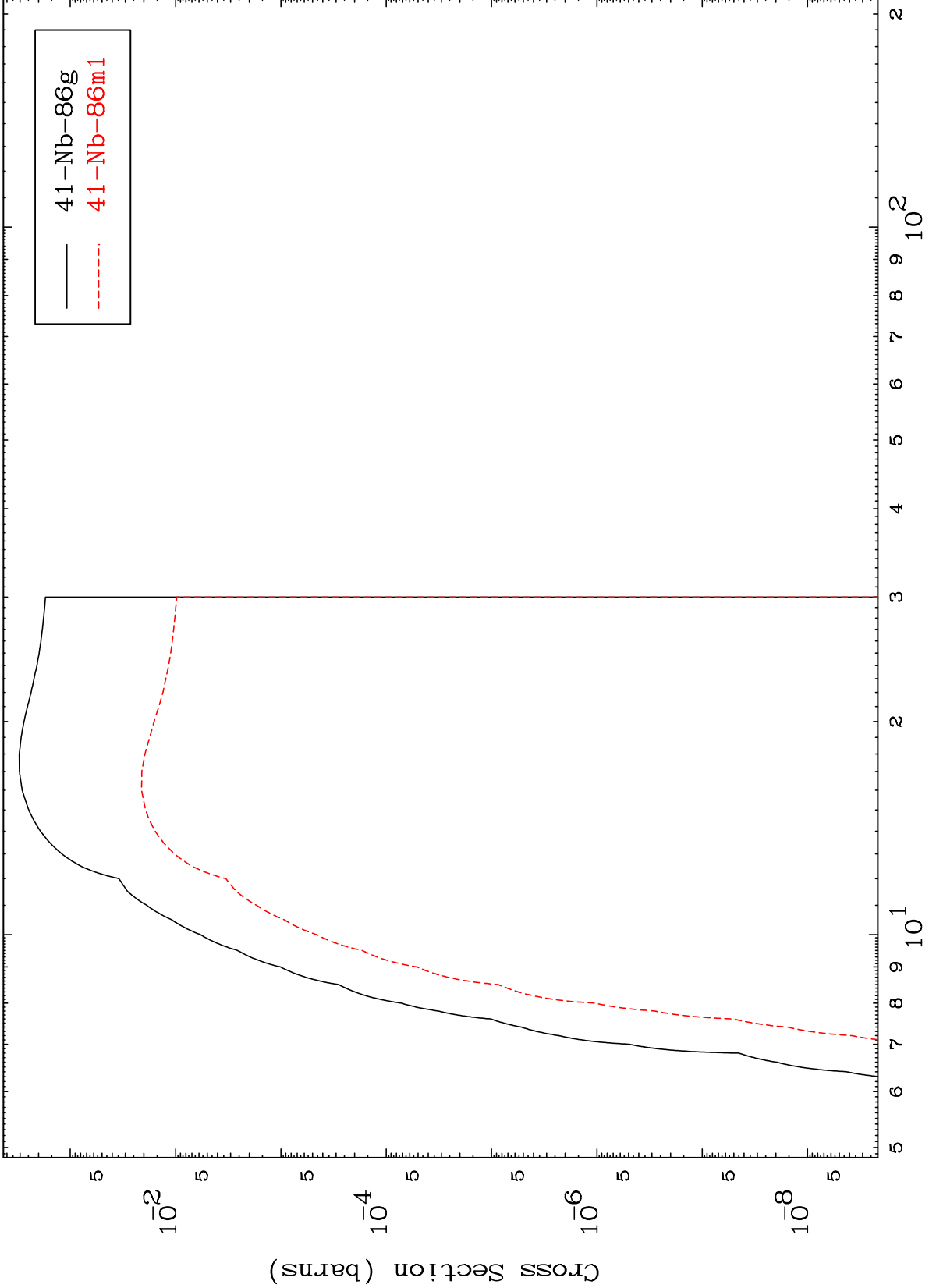


MAT 4210

(n,n') p

42-Mo-87

Radionuclide Production Cross Section



29

Incident Energy (MeV)

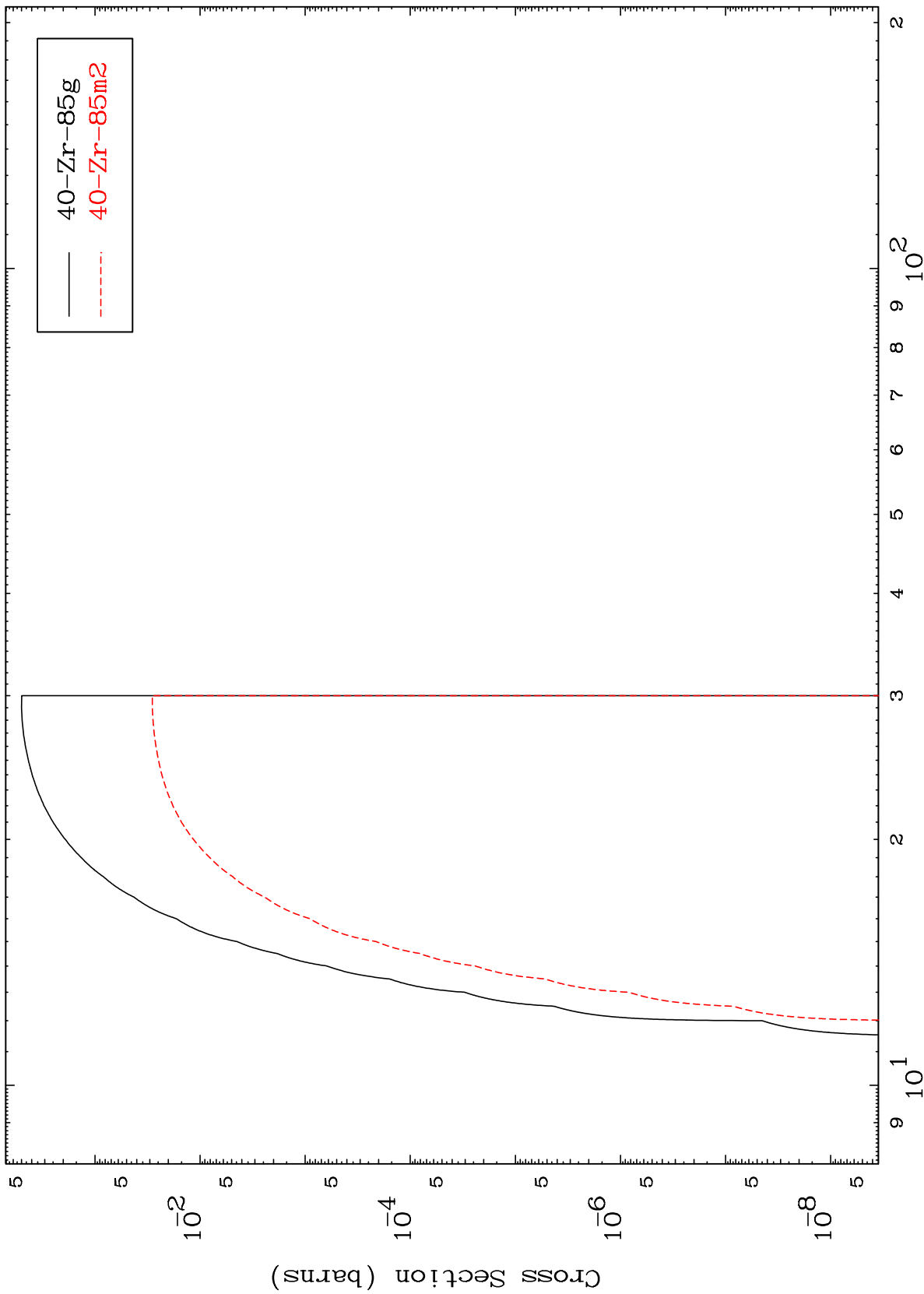
42-Mo-87

MAT 4210

(n,2n) p

42-Mo-87

Radionuclide Production Cross Section



Incident Energy (MeV)

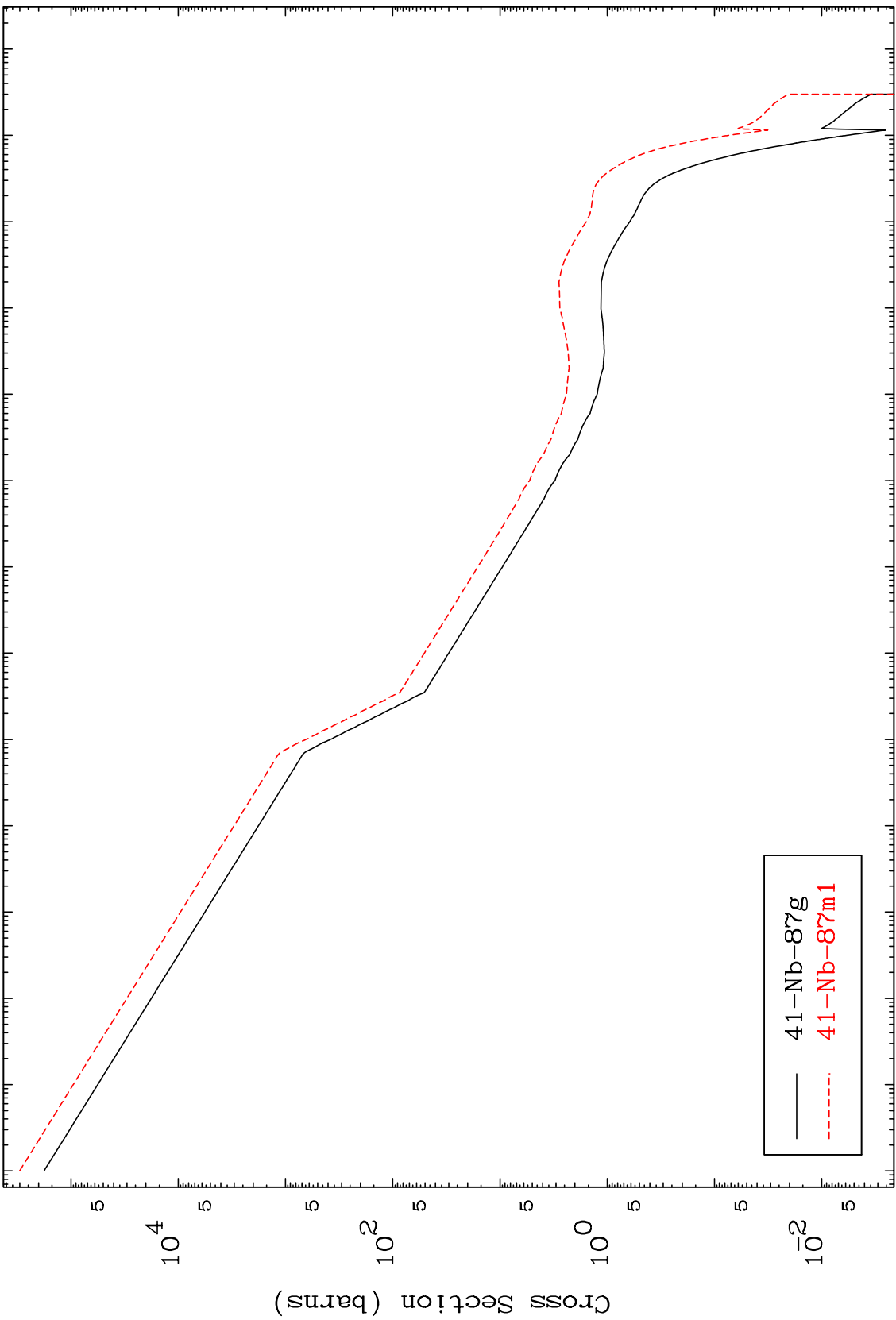
42-Mo-87

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42-Mo-87

Radionuclide Production Cross Section



42-Mo-87

10⁴

10²

10⁰

10⁻²

10⁻⁴

10⁻⁶

10⁻⁸

10⁻¹⁰

10⁰

10²

Incident Energy (MeV)

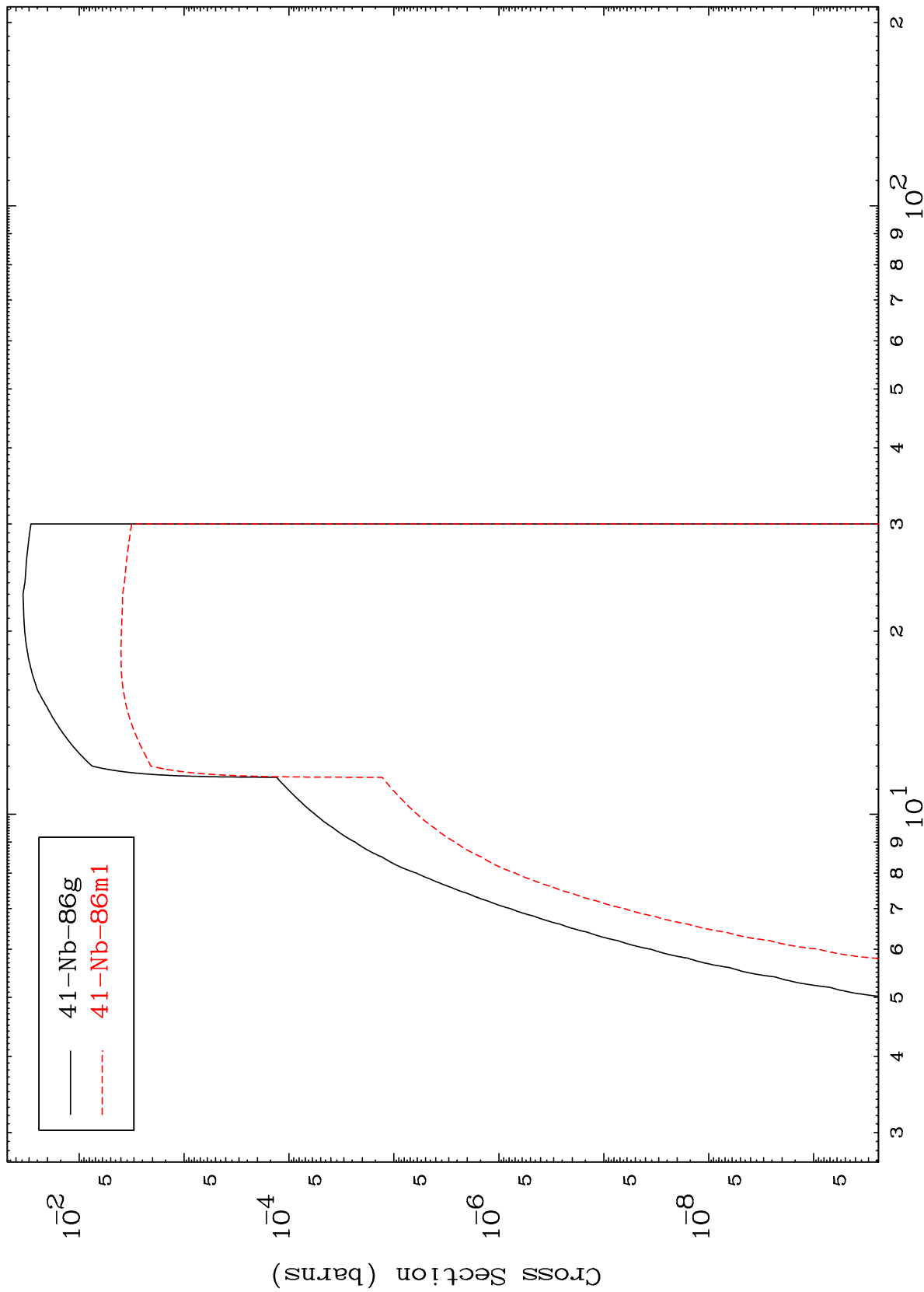
42-Mo-87

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(n,d)

42-Mo-87

Radionuclide Production Cross Section



Incident Energy (MeV)

42-Mo-87

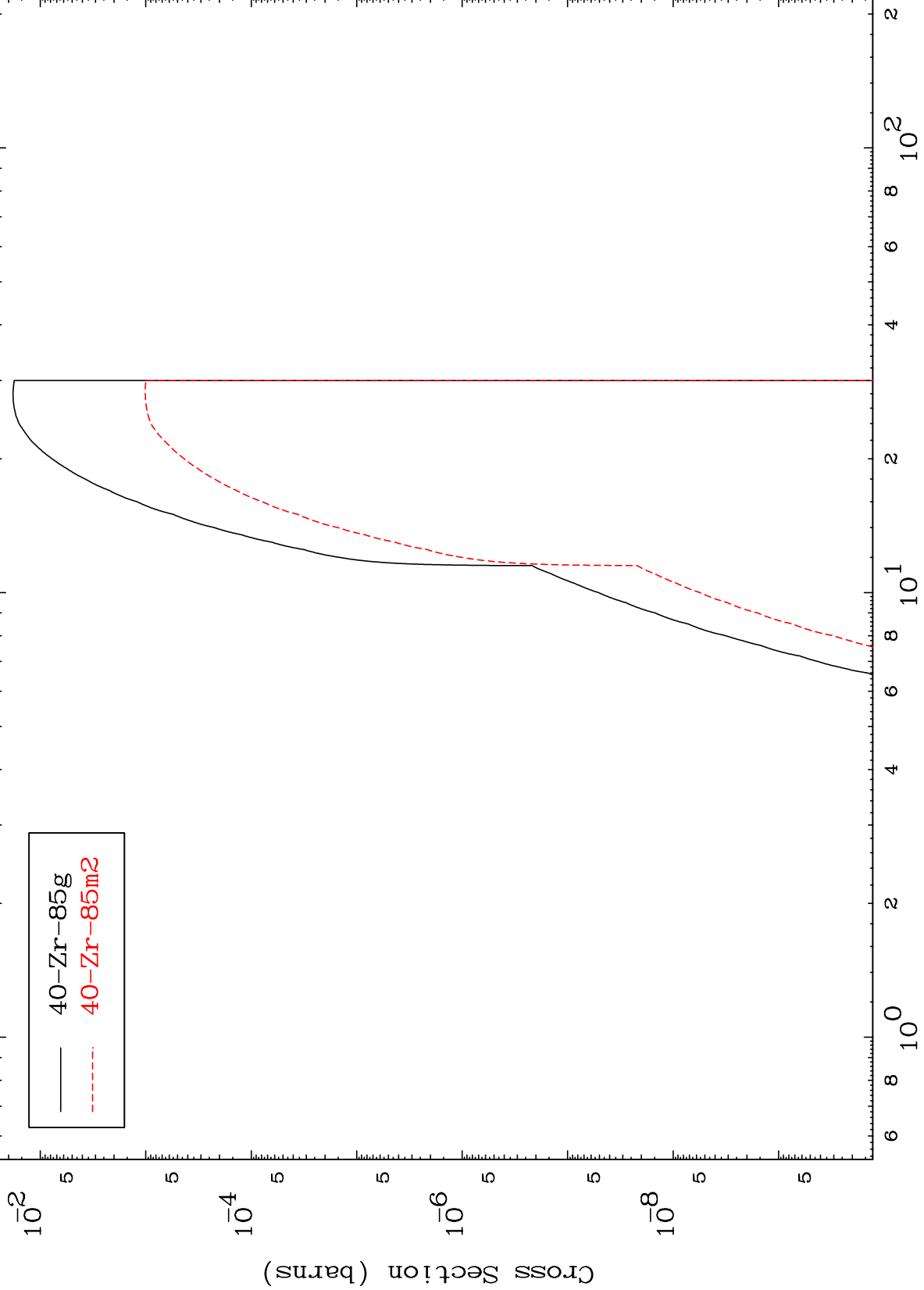
32

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(n,He-3)

42-Mo-87

Radionuclide Production Cross Section



33

Incident Energy (MeV)

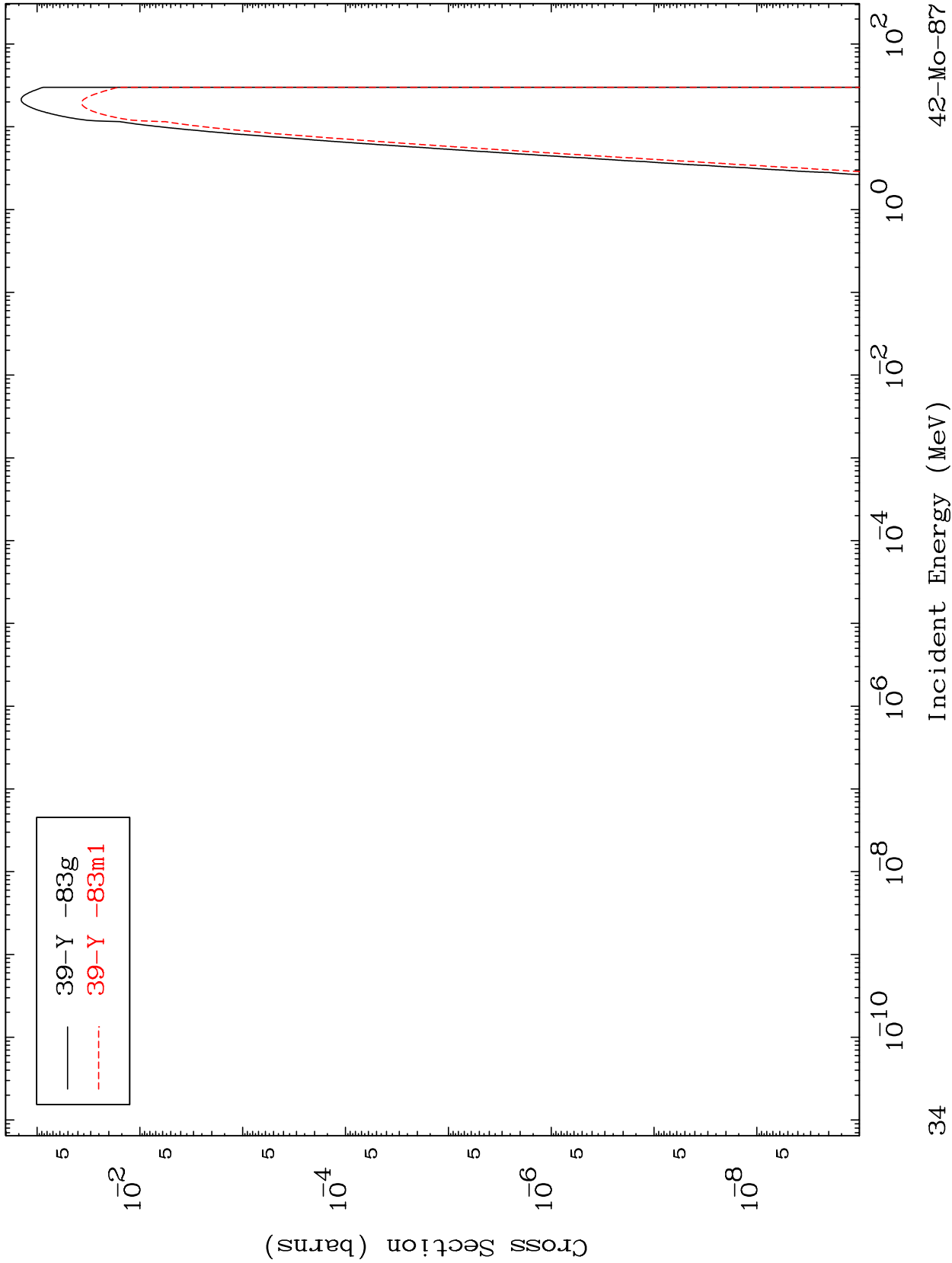
42-Mo-87

MAT 4210

(n,p) α

42-Mo-87

Radionuclide Production Cross Section

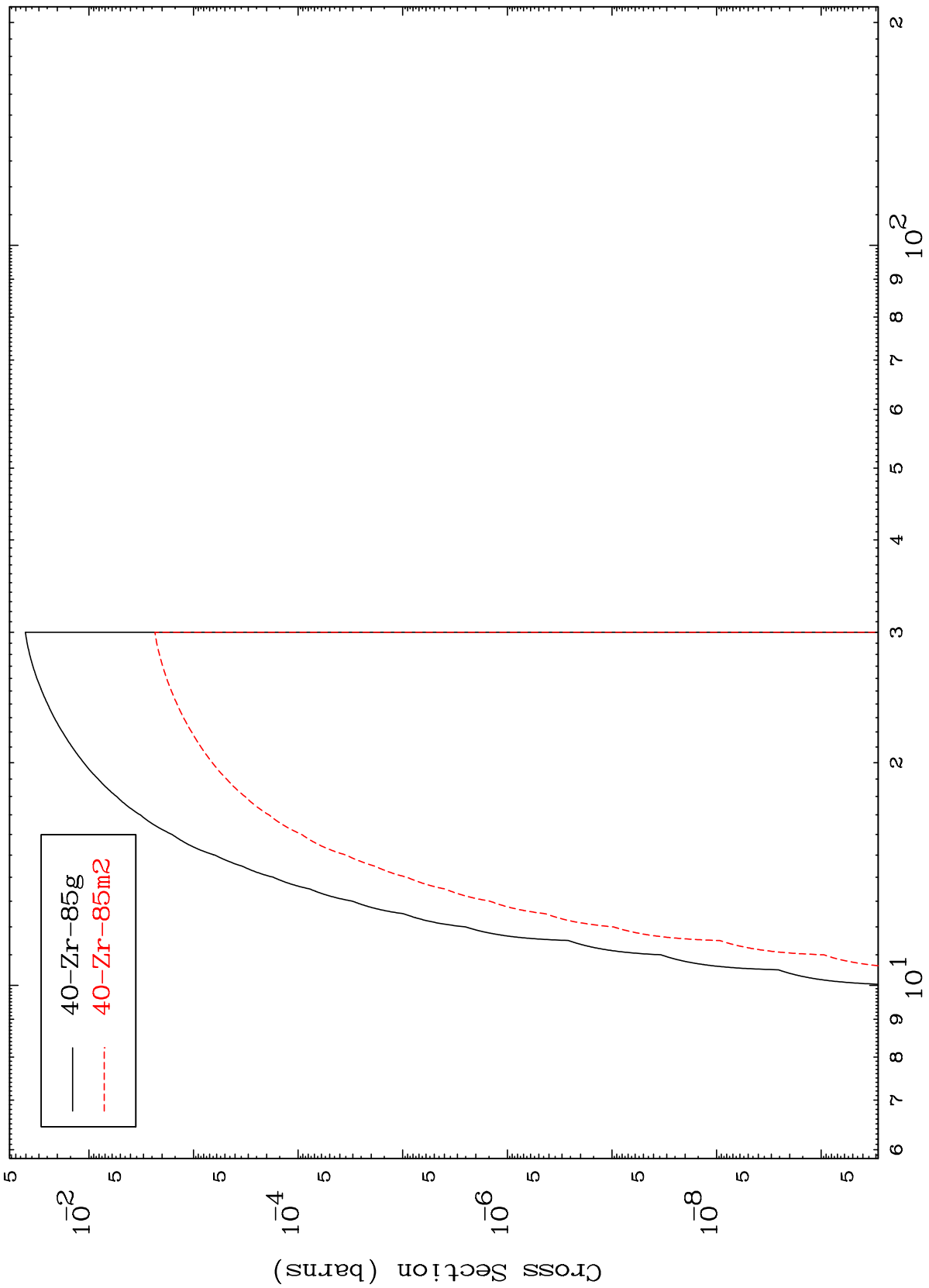


MAT 4210

(n,p) d

42-Mo-87

Radionuclide Production Cross Section



40-Zr-85g
40-Zr-85m2

35

Incident Energy (MeV)

42-Mo-87