

Program EVALPLOT
(Version 2017-1)

by

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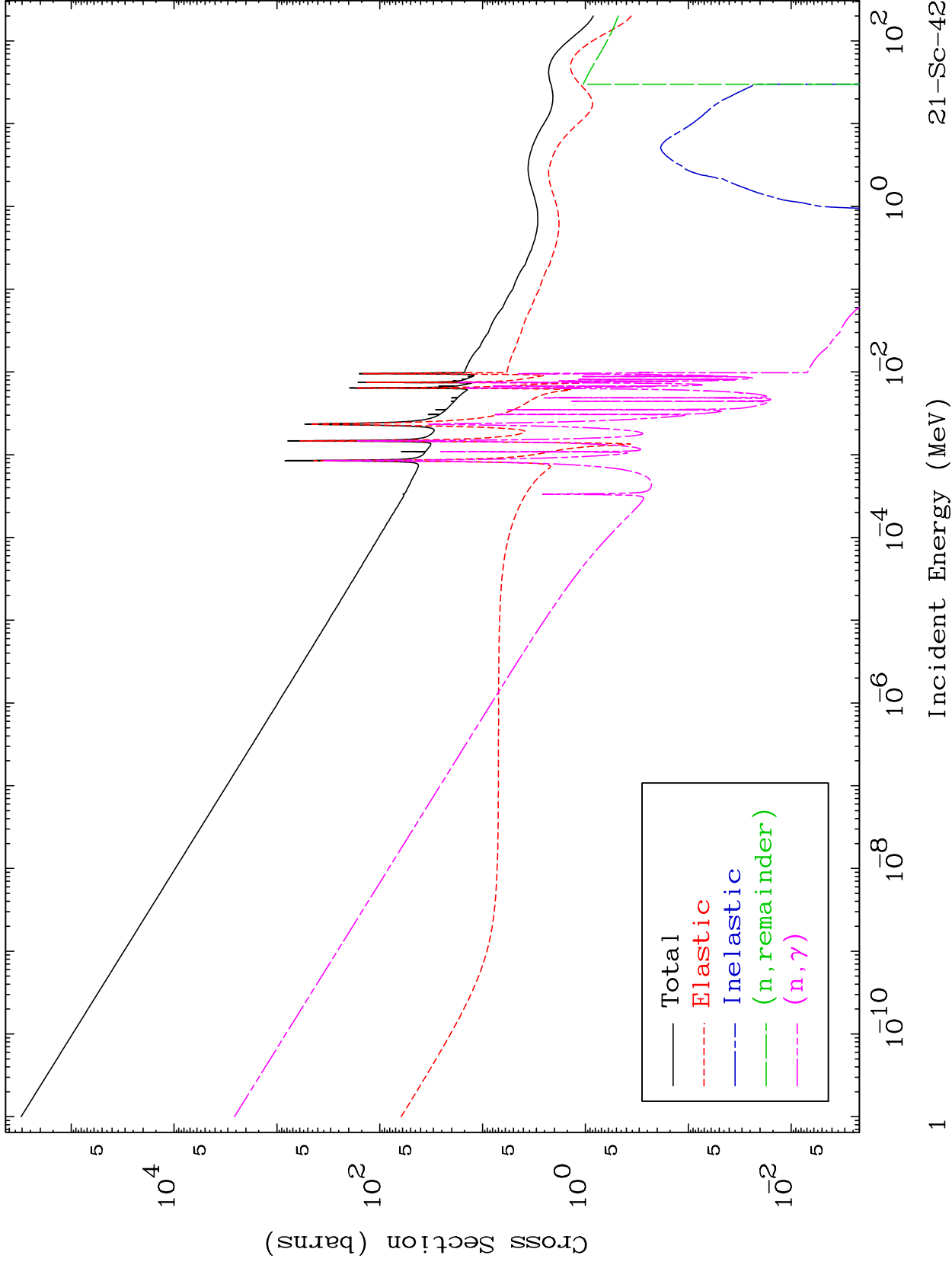
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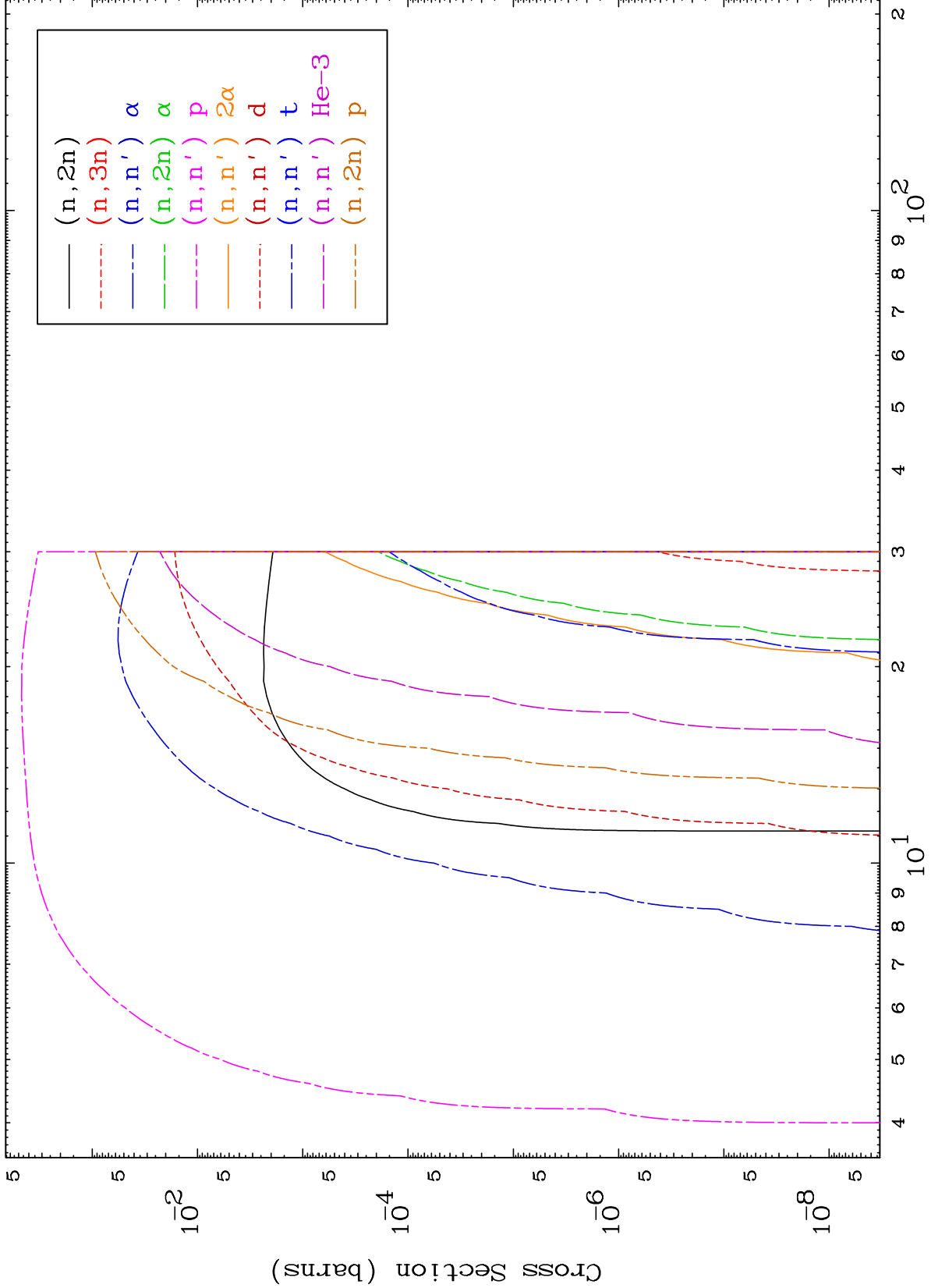
Press Mouse Button to Start

MAT 2117

Major
293 Kelvin Cross Sections

21-Sc-42

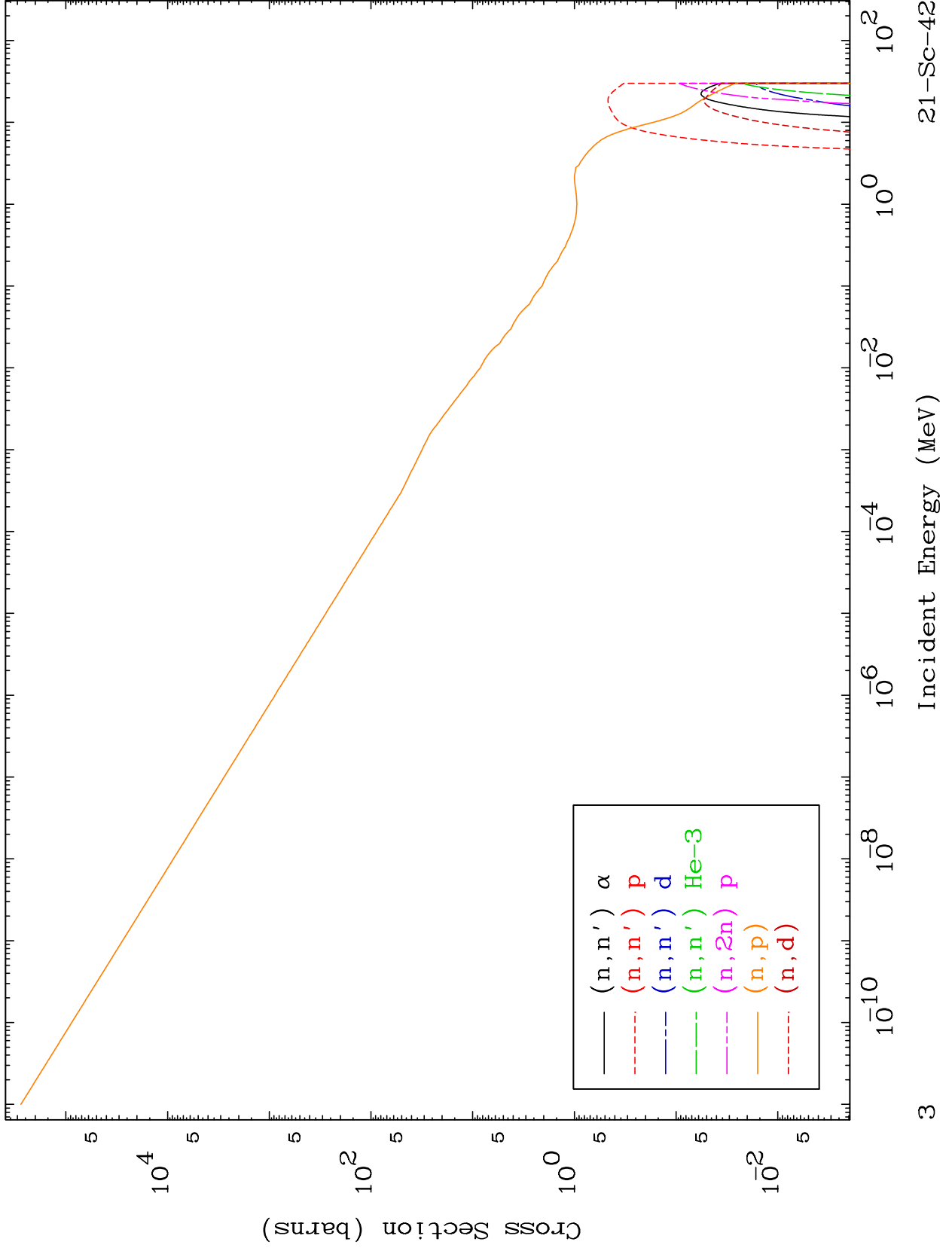




MAT 2117

Charged Particle
293 Kelvin Cross Sections

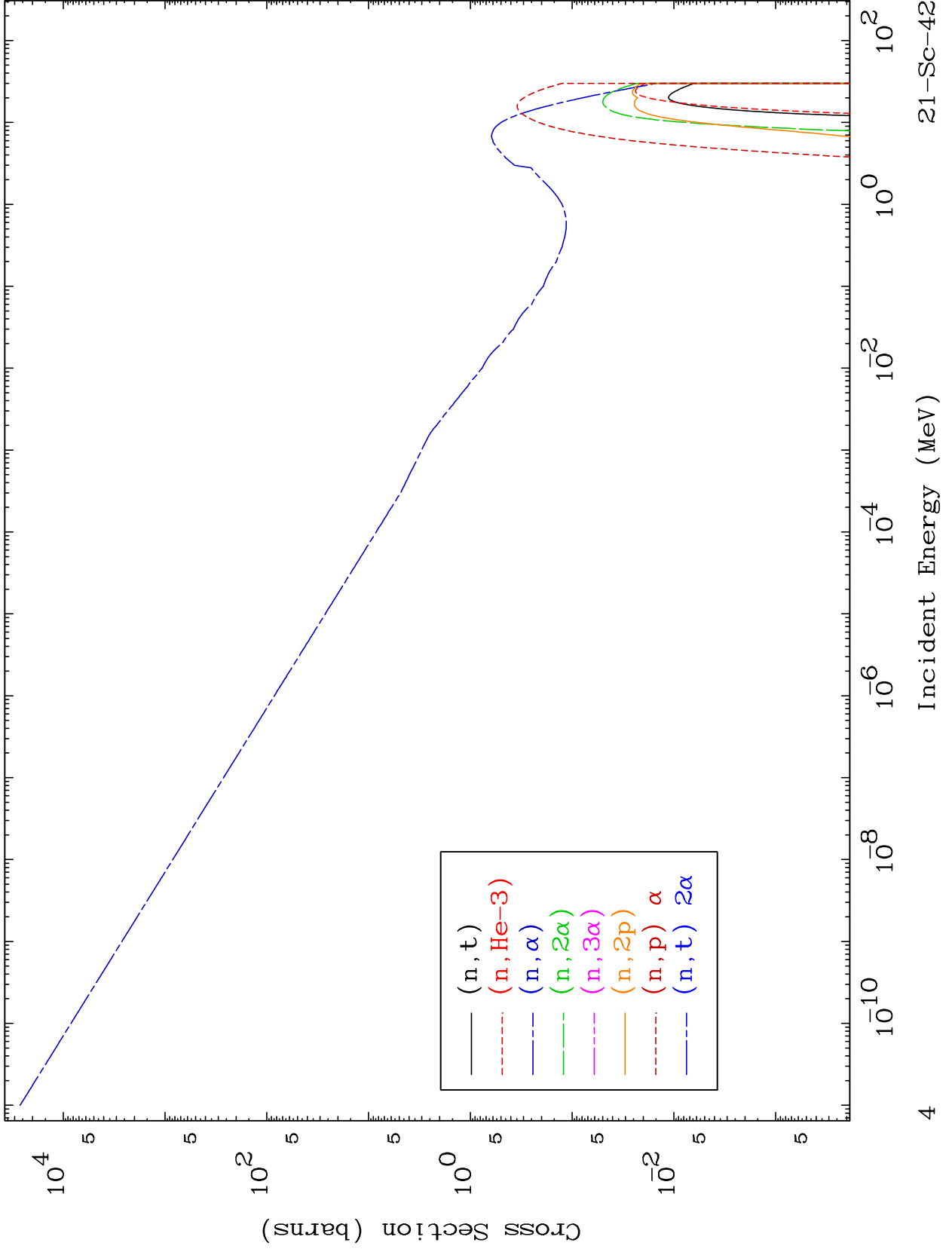
21-Sc-42

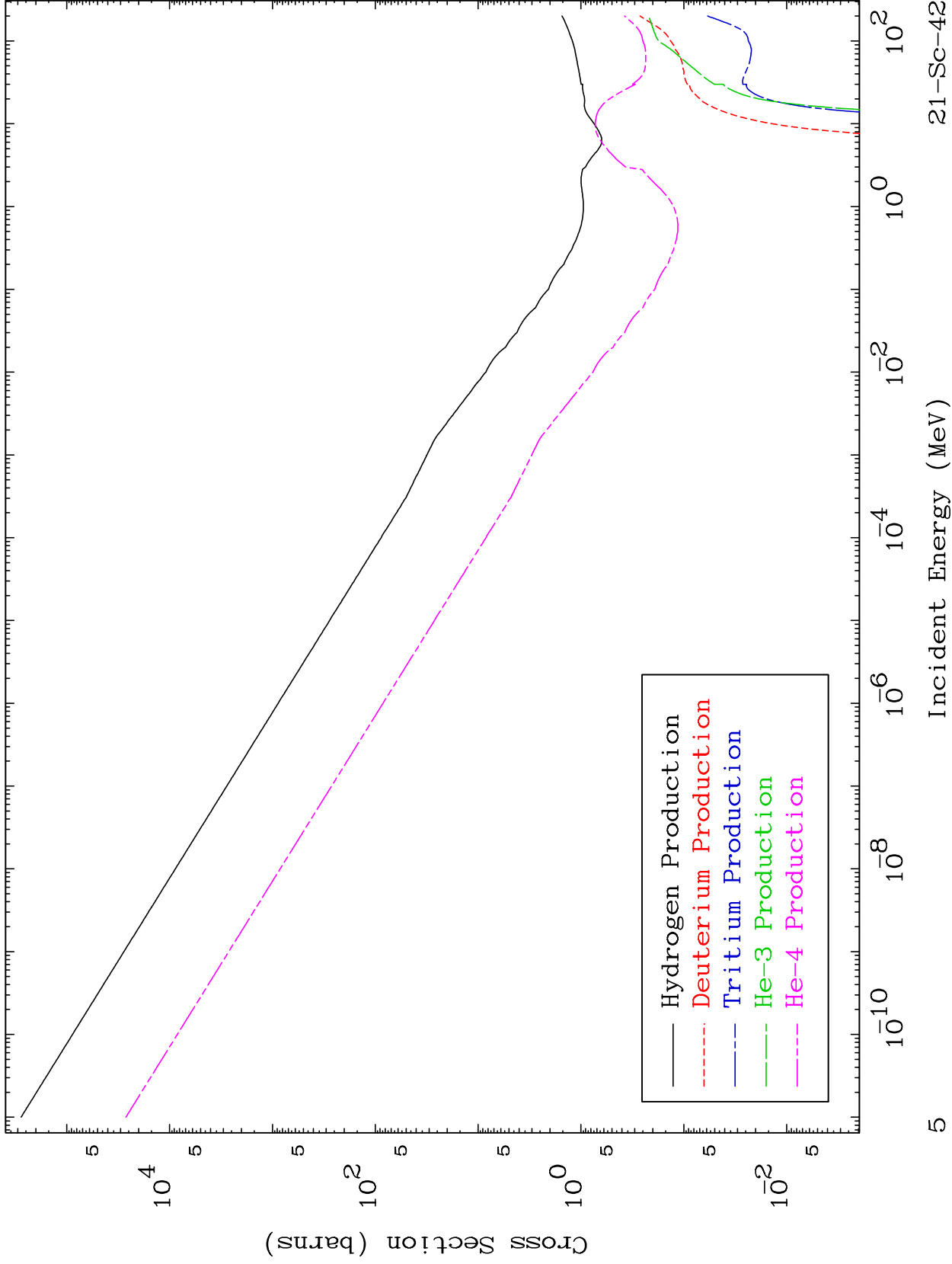


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Charged Particle
293 Kelvin Cross Sections

21-Sc-42



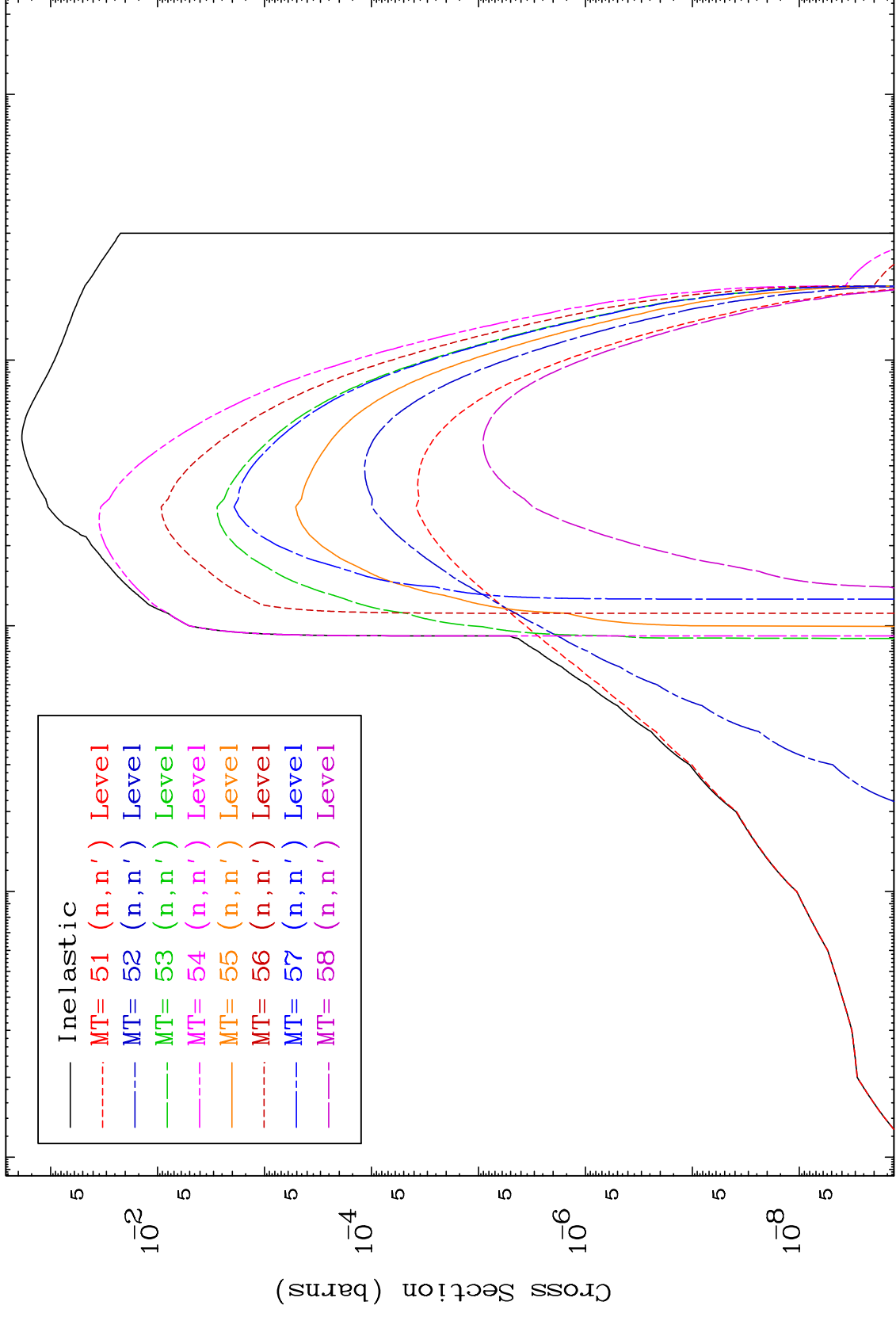


MAT 2117

(n,n') Level

21-Sc-42

293 Kelvin Cross Sections



—	Inelastic
- - -	MT= 51 (n,n') Level
- · - ·	MT= 52 (n,n') Level
- - -	MT= 53 (n,n') Level
- · - ·	MT= 54 (n,n') Level
- - -	MT= 55 (n,n') Level
- · - ·	MT= 56 (n,n') Level
- - -	MT= 57 (n,n') Level
- · - ·	MT= 58 (n,n') Level

5

10¹

10⁰

5

10⁻²

6

Incident Energy (MeV)

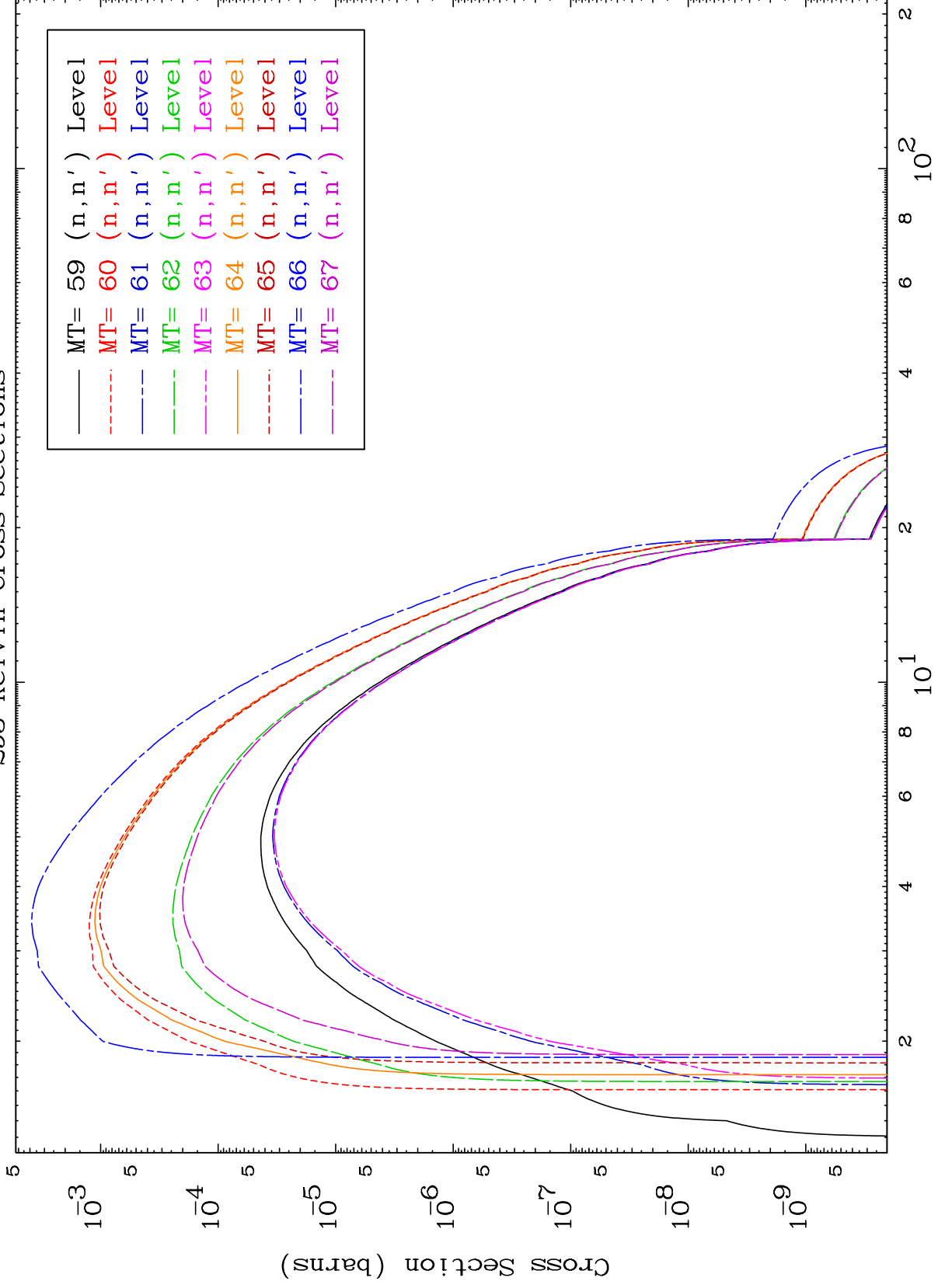
21-Sc-42

MAT 2117

(n,n') Level

21-Sc-42

293 Kelvin Cross Sections



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Incident Energy (MeV)

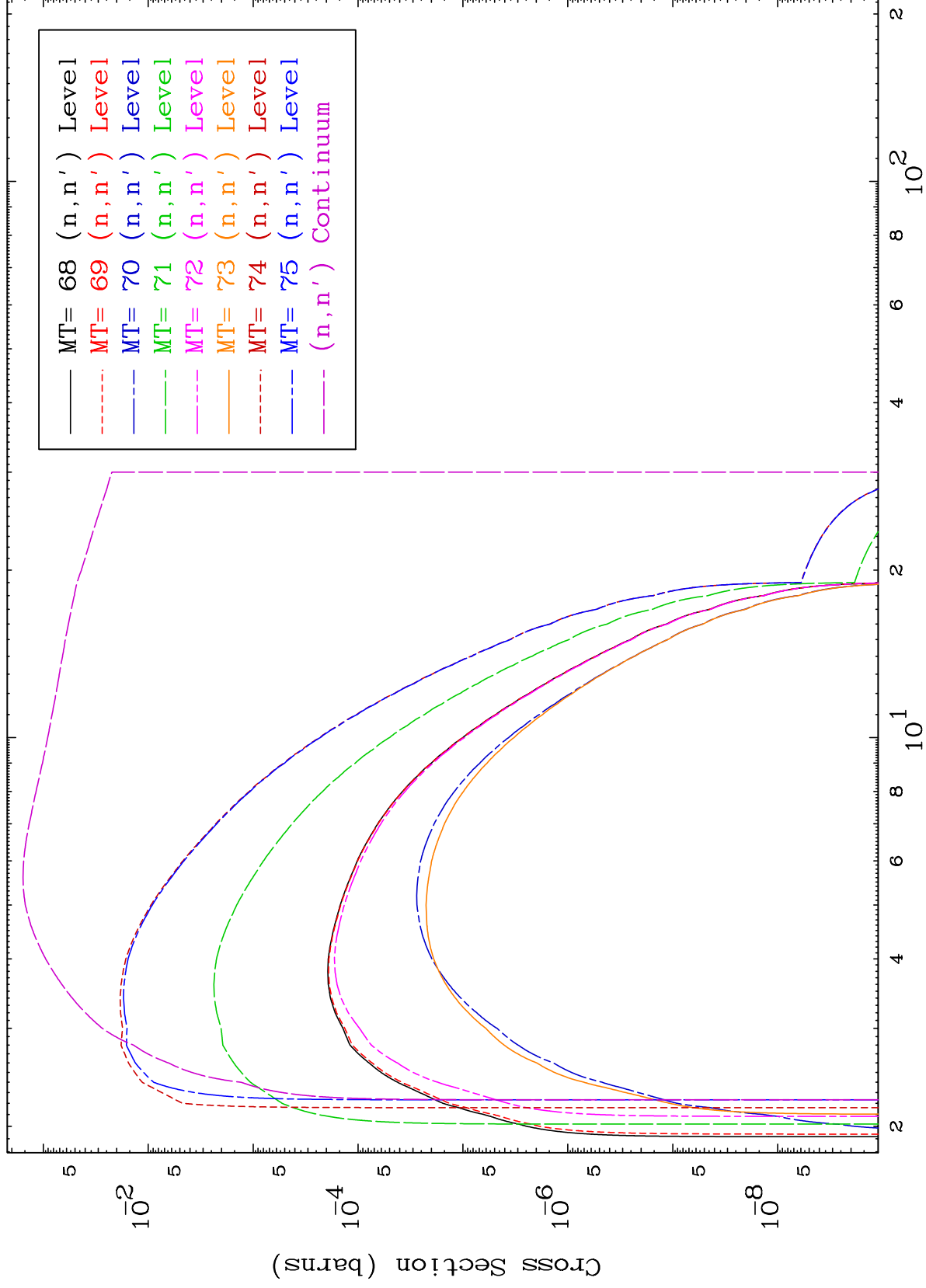
21-Sc-42

MAT 2117

(n,n') Level

293 Kelvin Cross Sections

21-Sc-42



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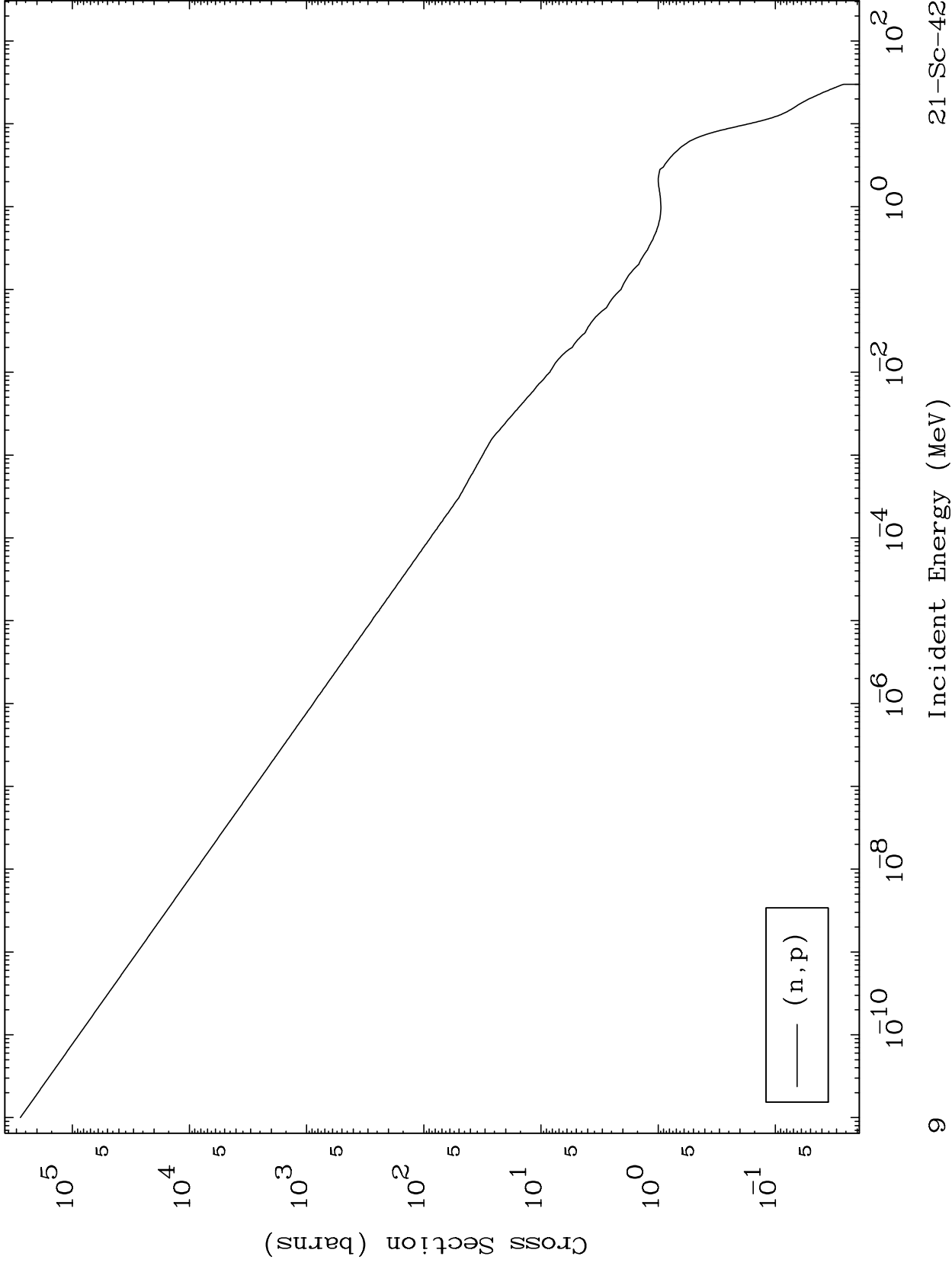
Incident Energy (MeV)

21-Sc-42

MAT 2117

(n,p) Levels
293 Kelvin Cross Sections

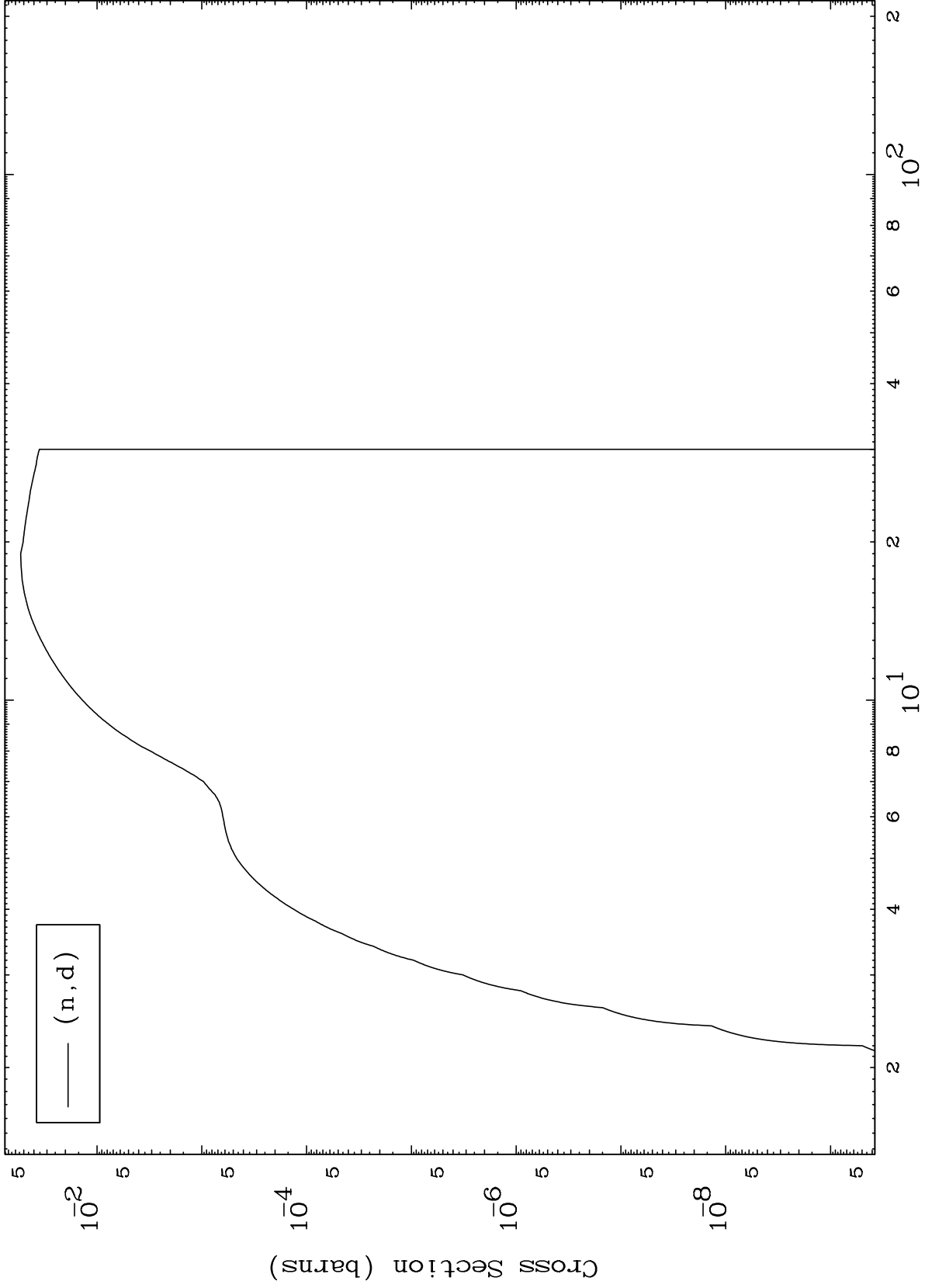
21-Sc-42



MAT 2117

(n,d) Levels
293 Kelvin Cross Sections

21-Sc-42



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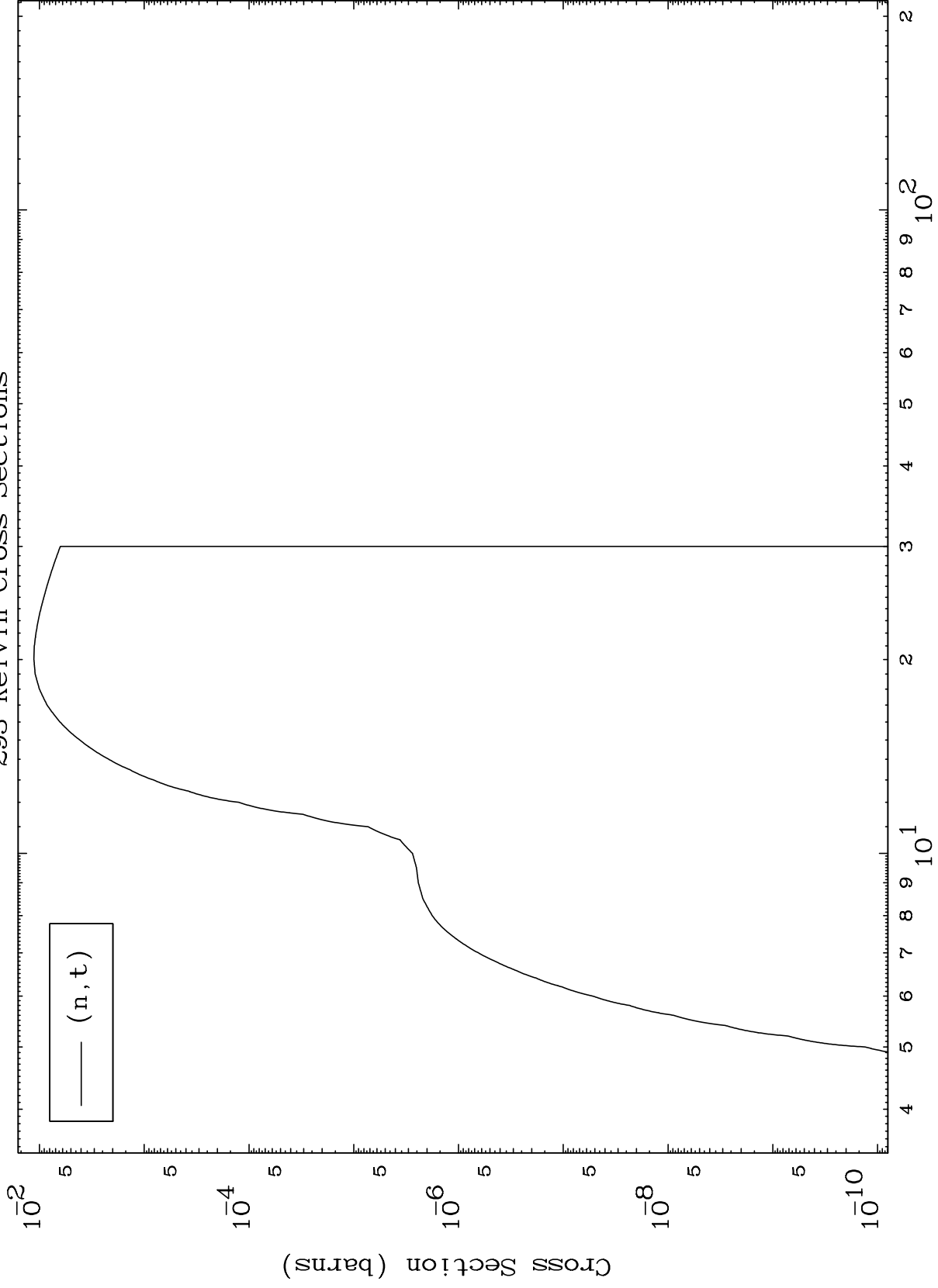
Incident Energy (MeV)

21-Sc-42

MAT 2117

(n,t) Levels
293 Kelvin Cross Sections

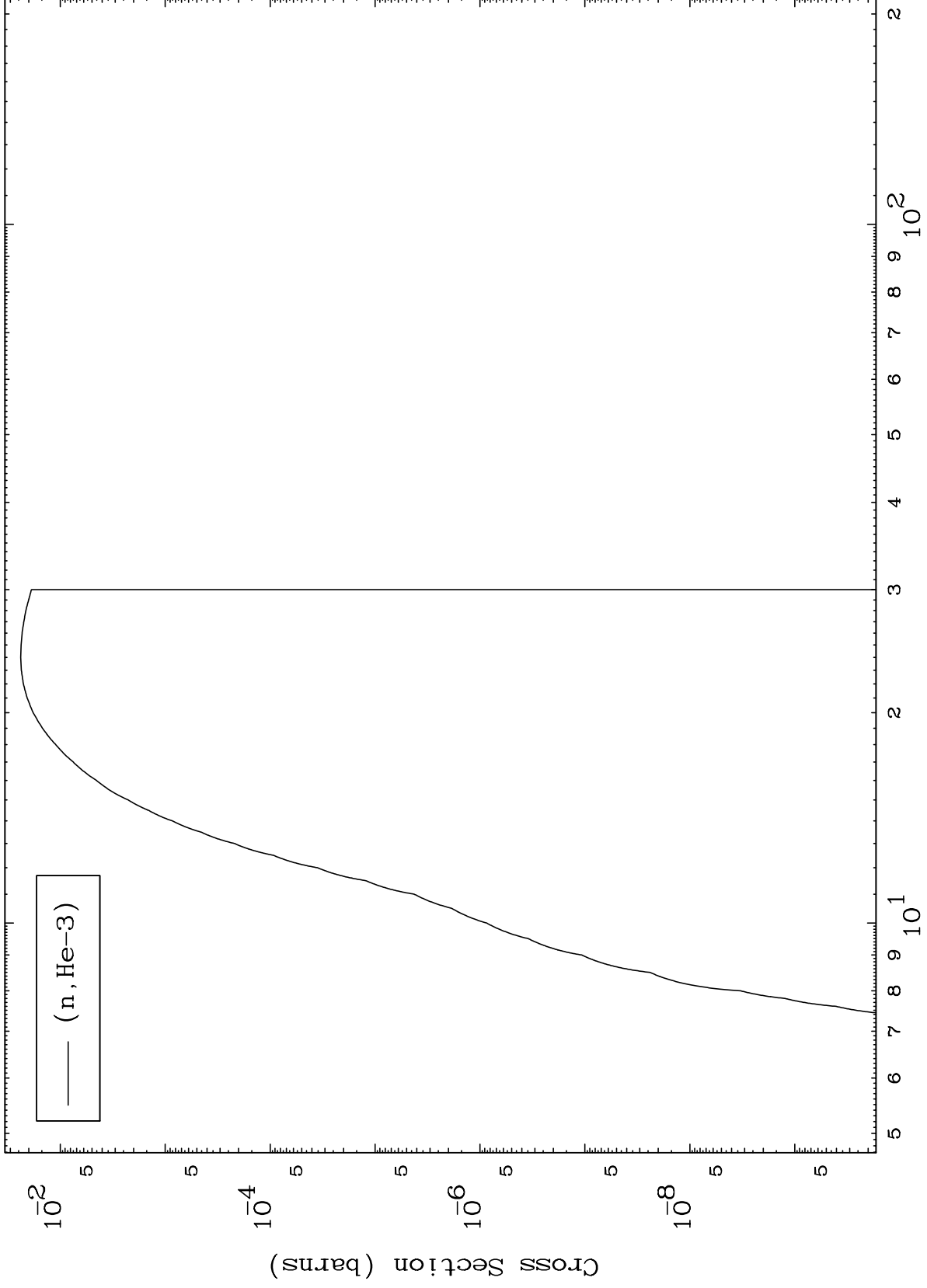
21-Sc-42



MAT 2117

(n,He3) Levels
293 Kelvin Cross Sections

21-Sc-42



12

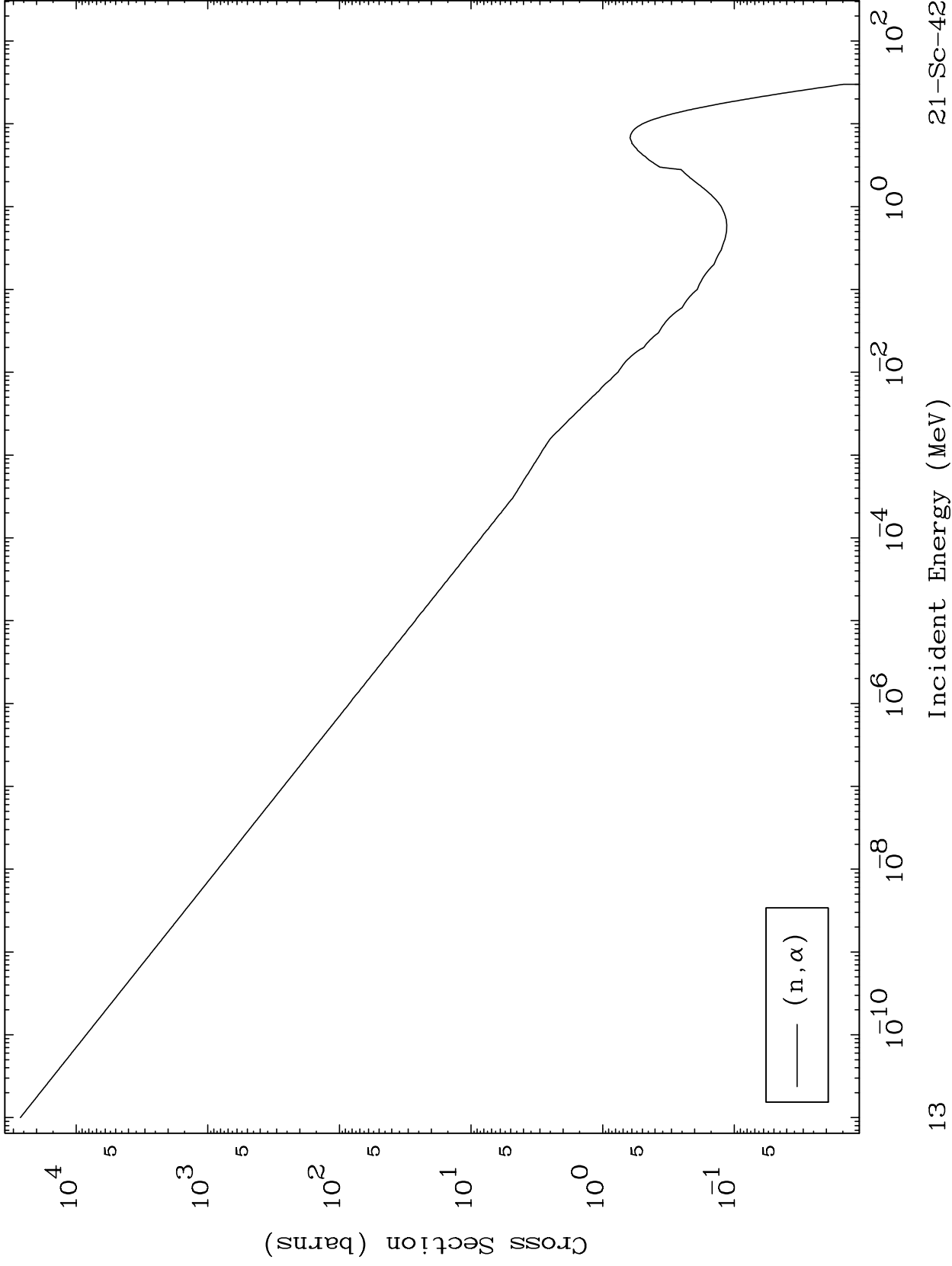
Incident Energy (MeV)

21-Sc-42

MAT 2117

(n,α) Levels
293 Kelvin Cross Sections

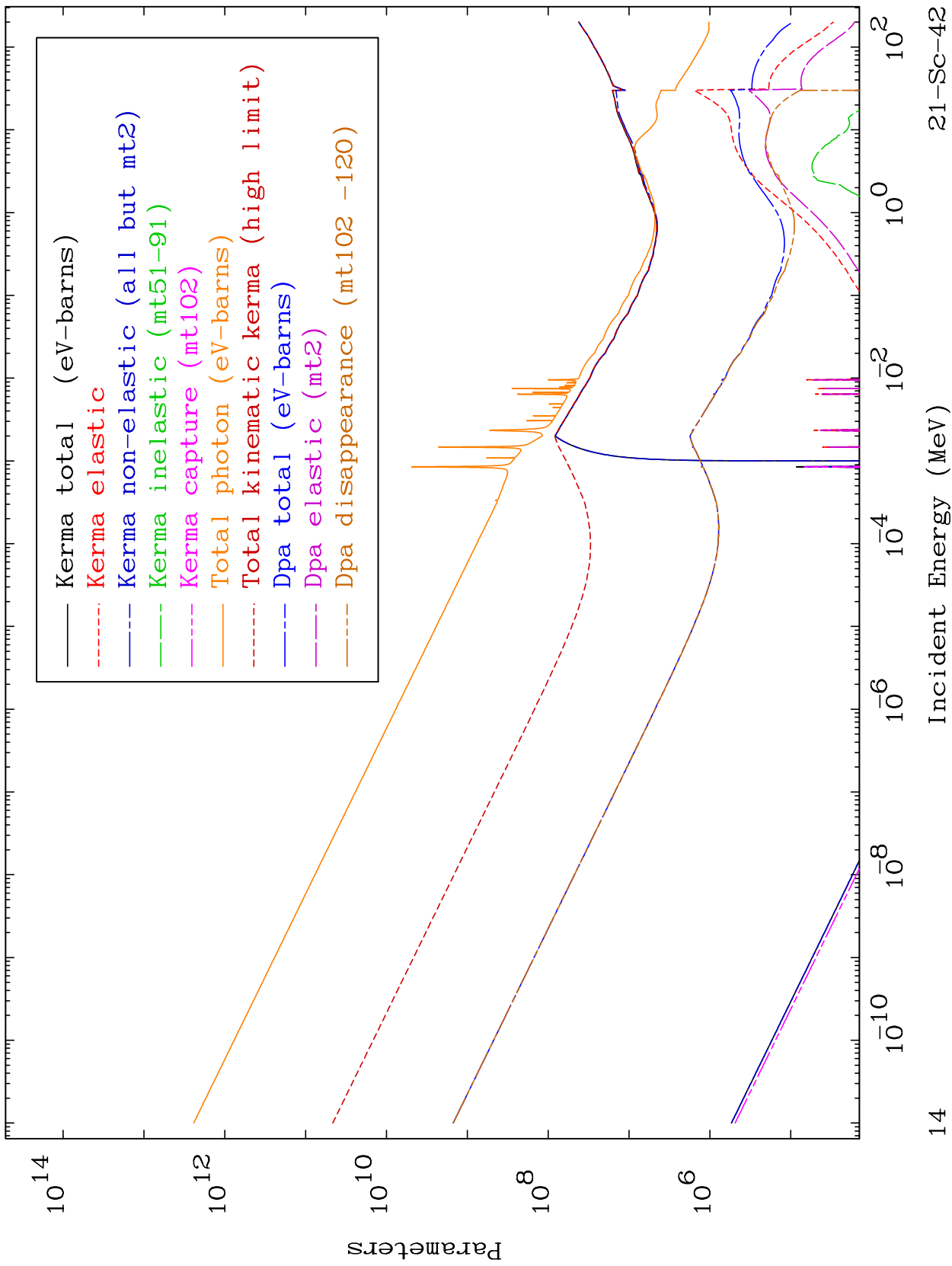
21-Sc-42



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Incident Energy (MeV)

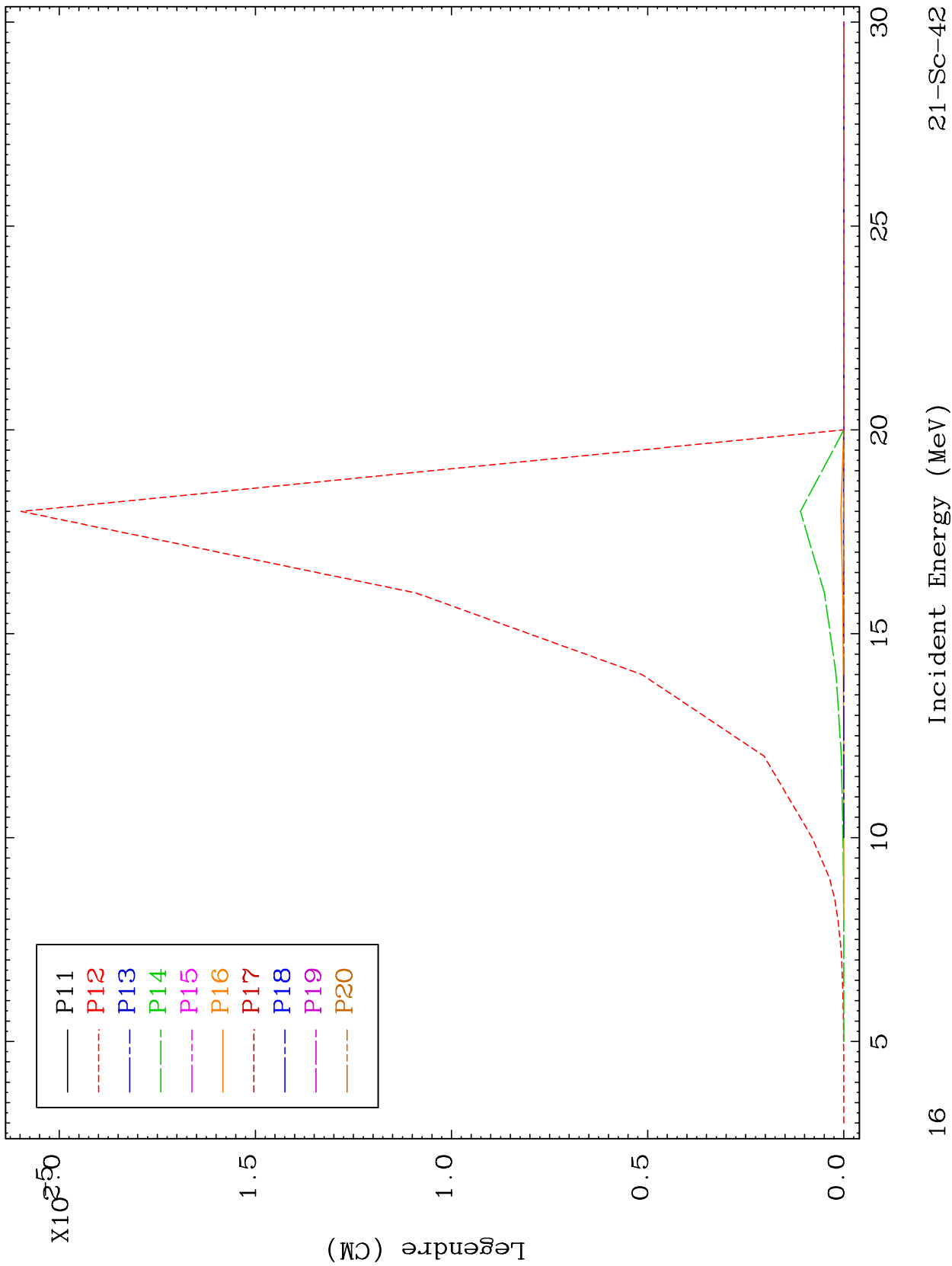
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Elastic Legendre Coefficients

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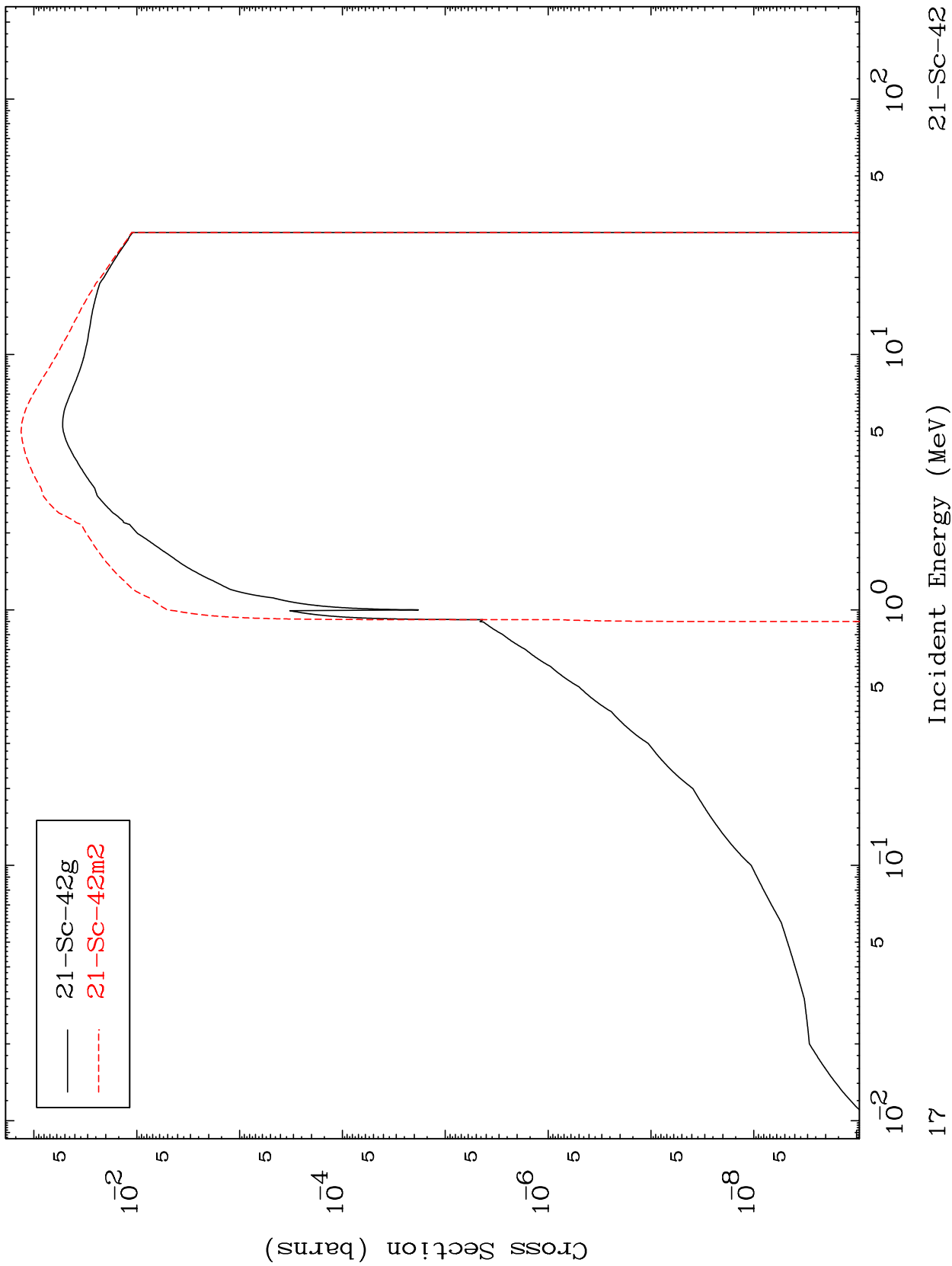
Incident Energy (MeV)

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MAT 2117

21-Sc-42

Inelastic
Radionuclide Production Cross Section



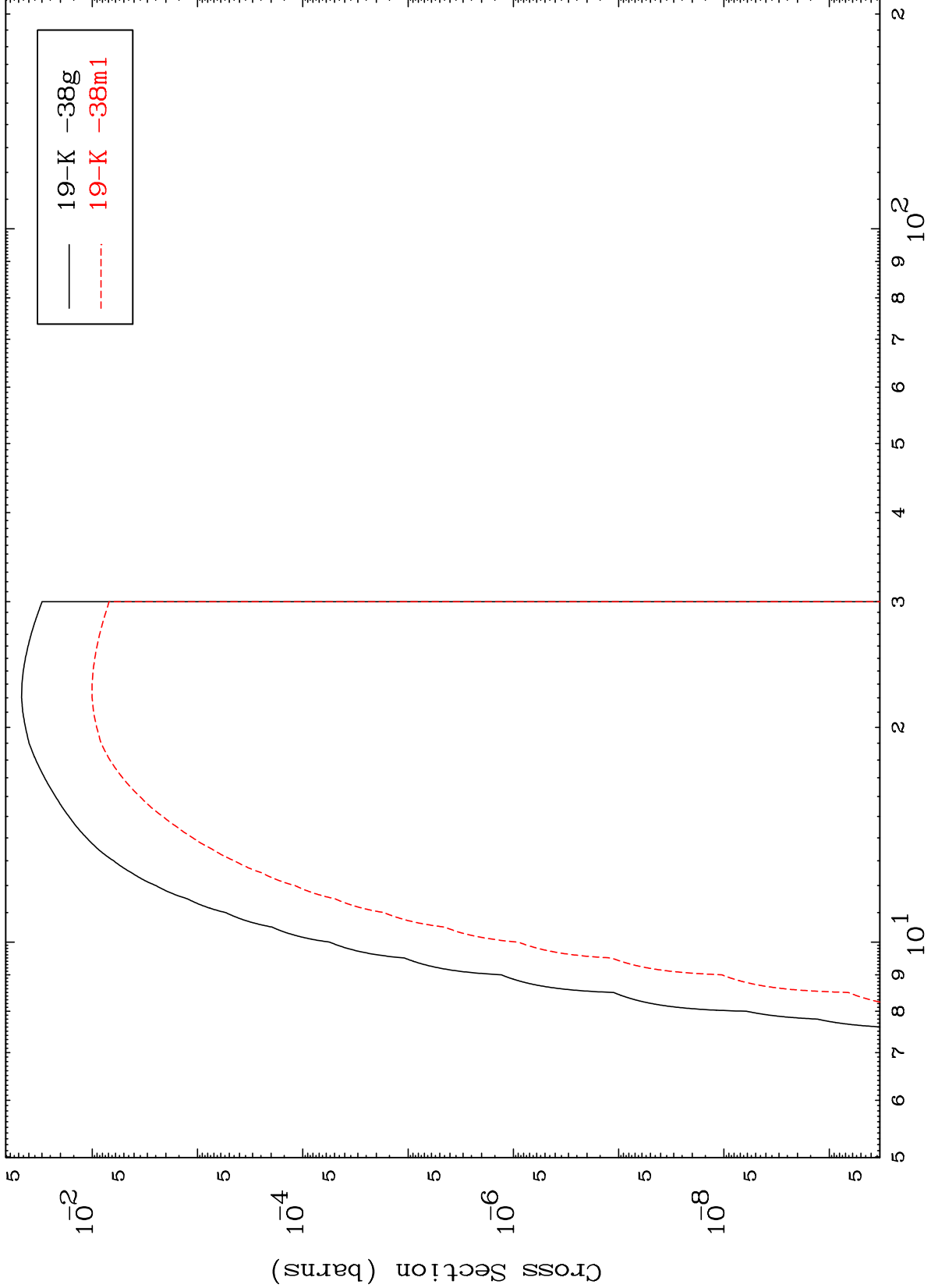
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MAT 2117

(n, n') α

21-Sc-42

Radionuclide Production Cross Section



18

Incident Energy (MeV)

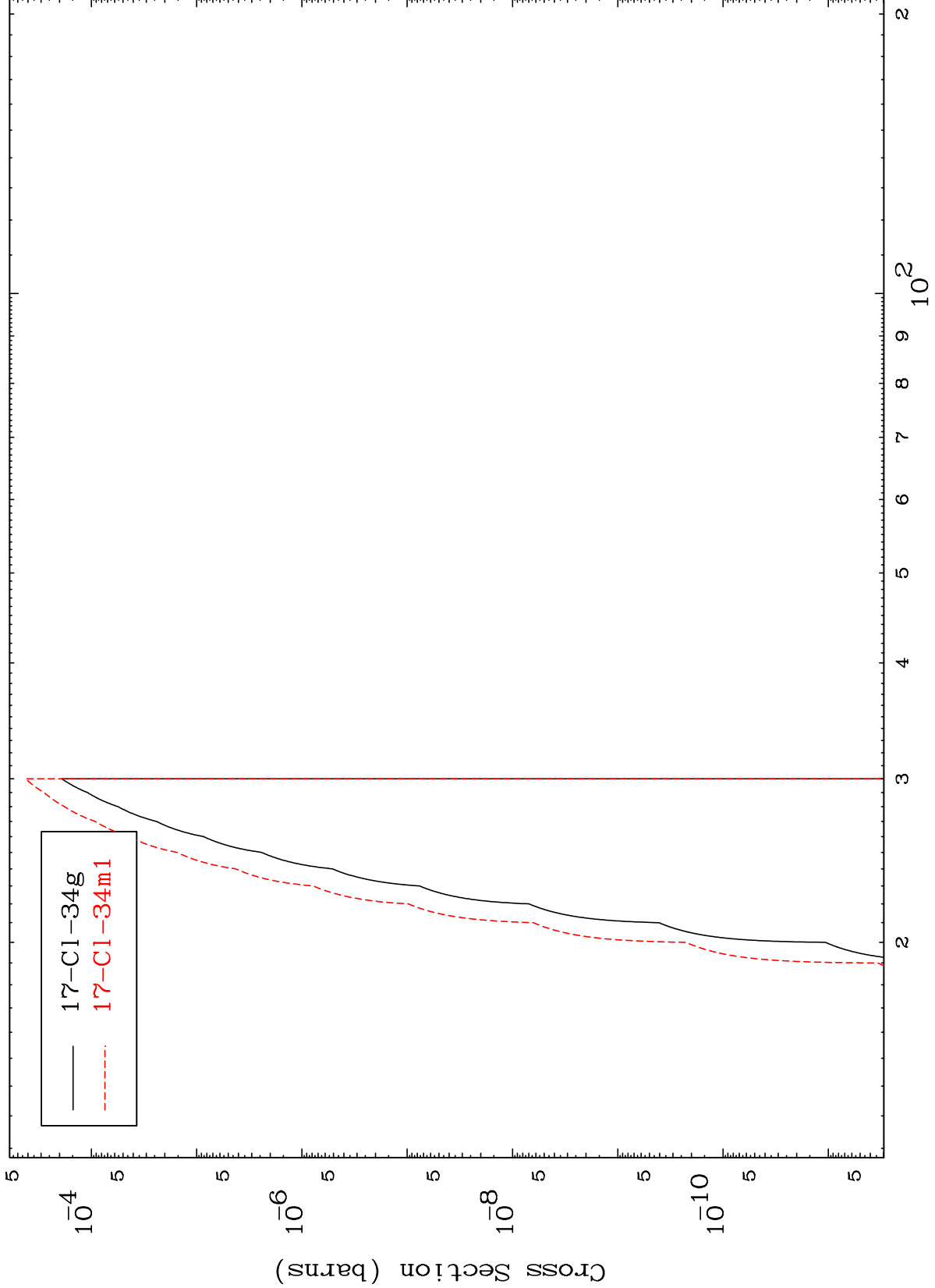
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(n,n') 2 α

21-Sc-42

Radionuclide Production Cross Section



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Incident Energy (MeV)

21-Sc-42