

Program EVALPLOT
(Version 2017-1)

by

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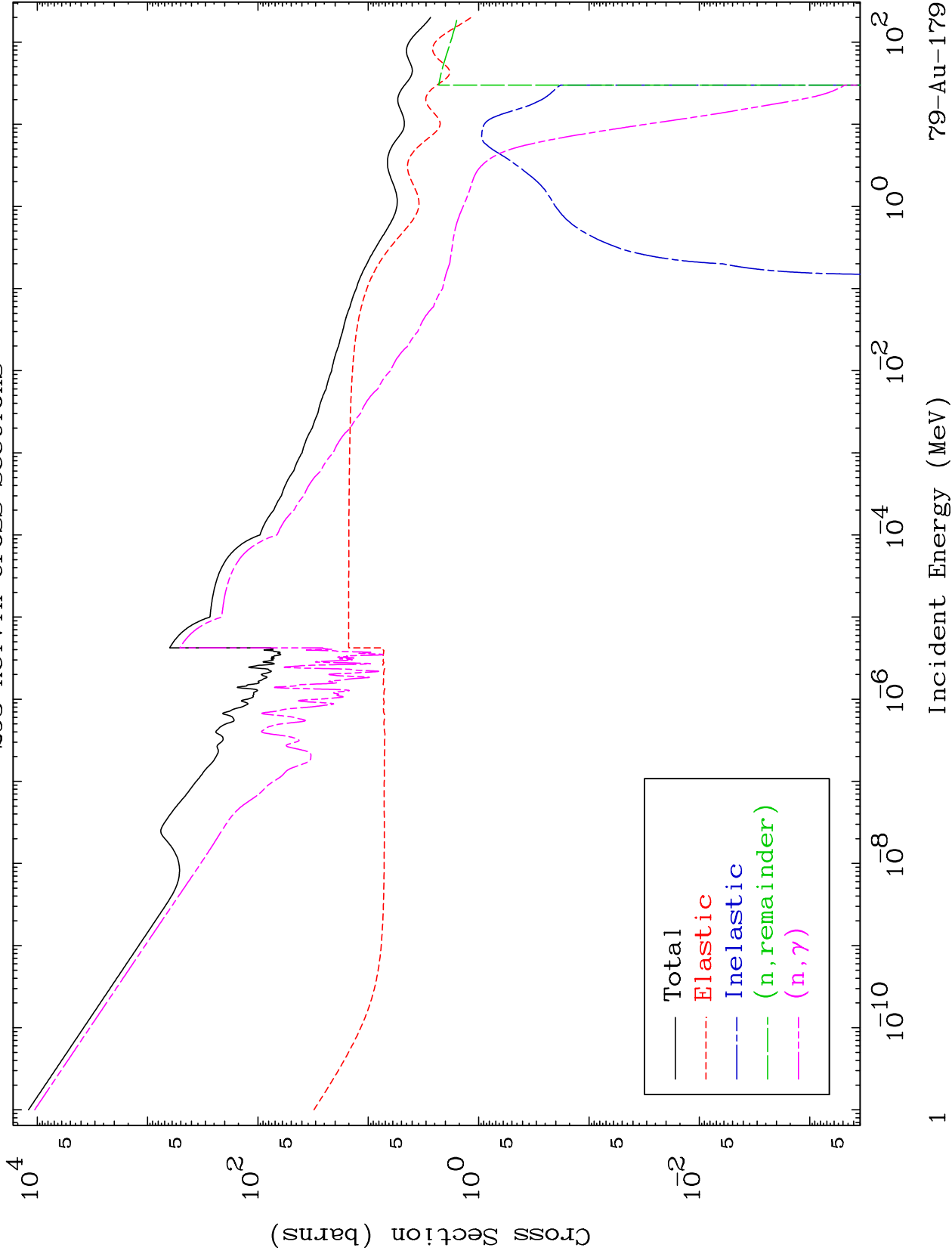
Press Mouse Button to Start

MAT 7871

Major

293 Kelvin Cross Sections

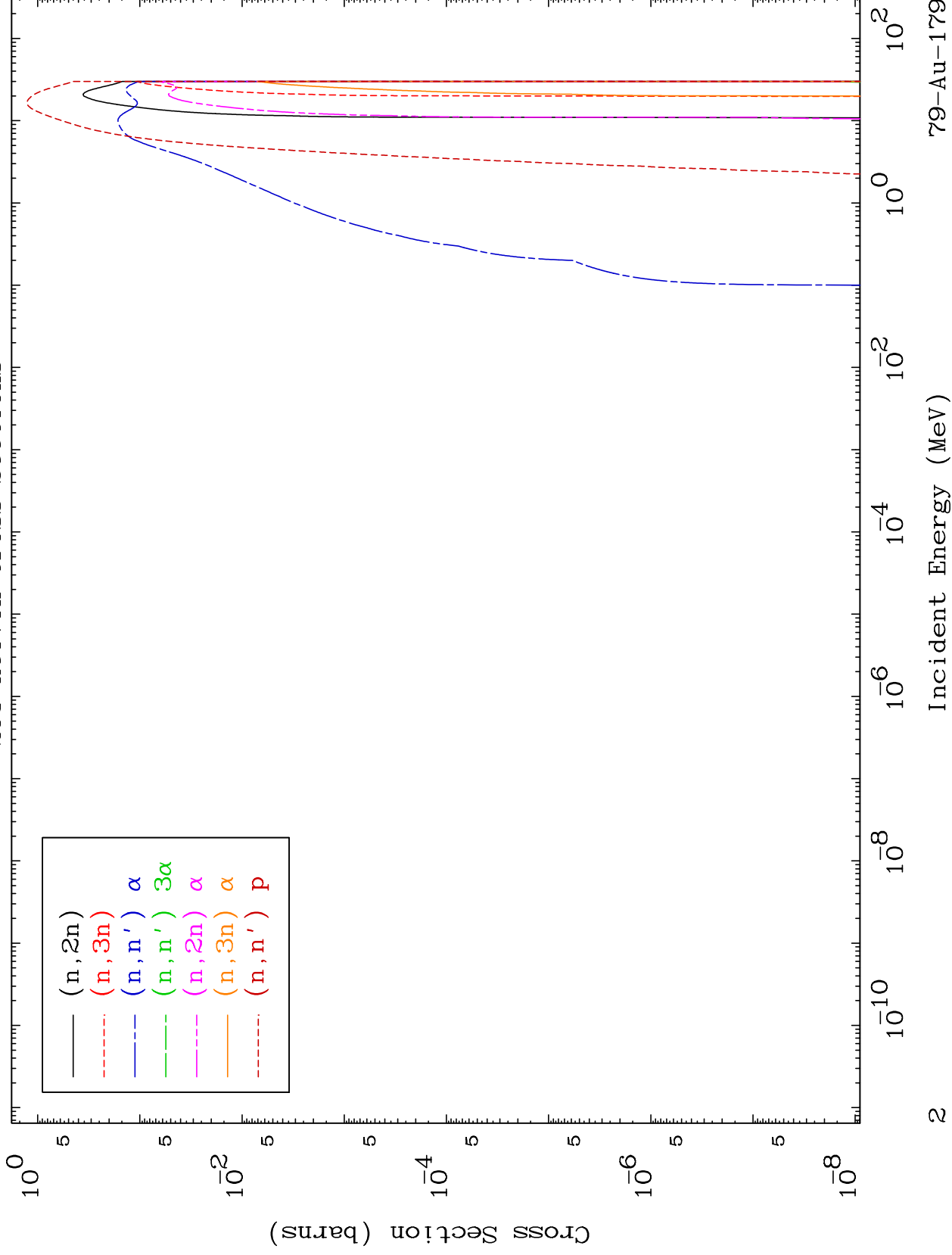
79-Au-179

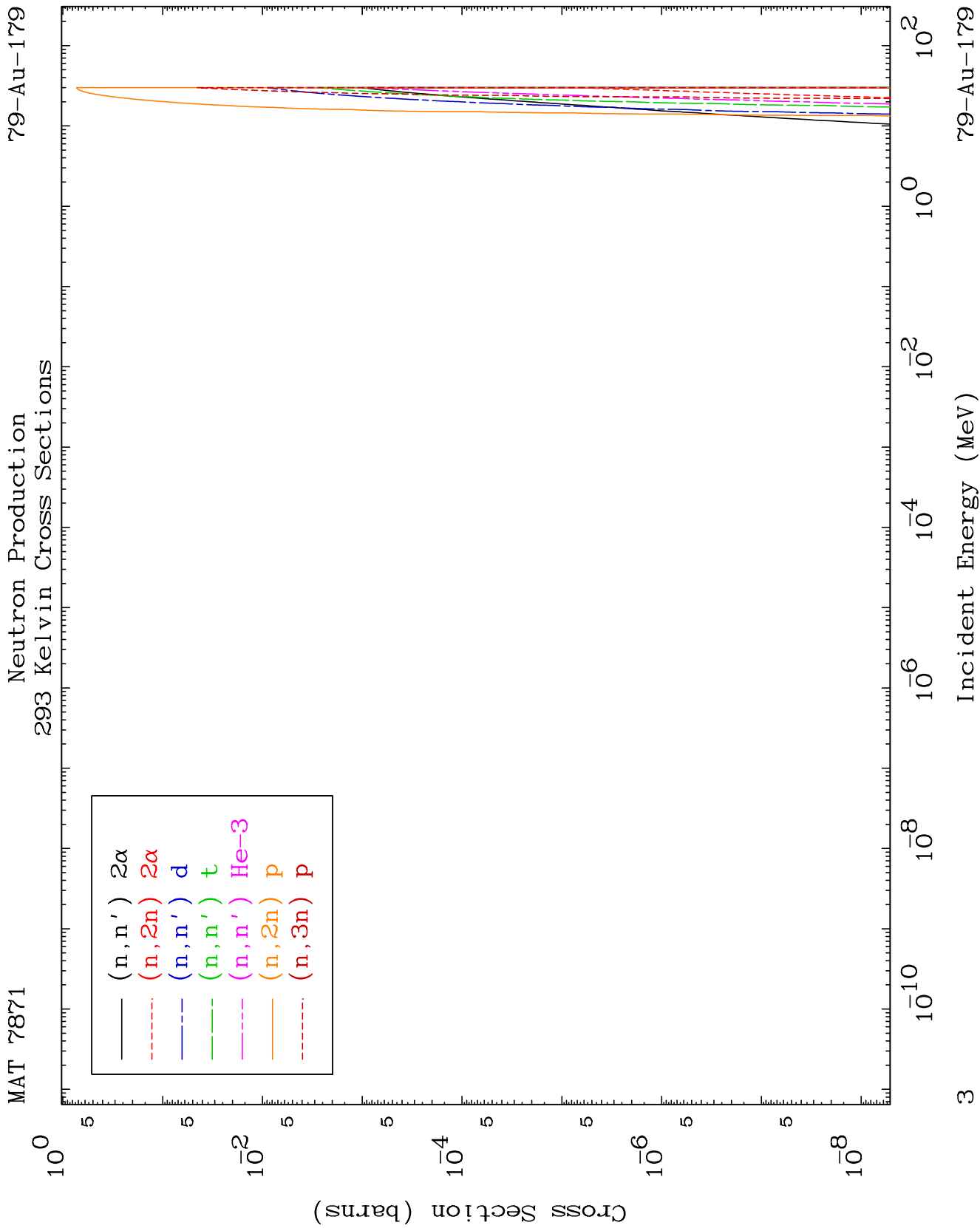


MAT 7871

Neutron Production
293 Kelvin Cross Sections

79-Au-179

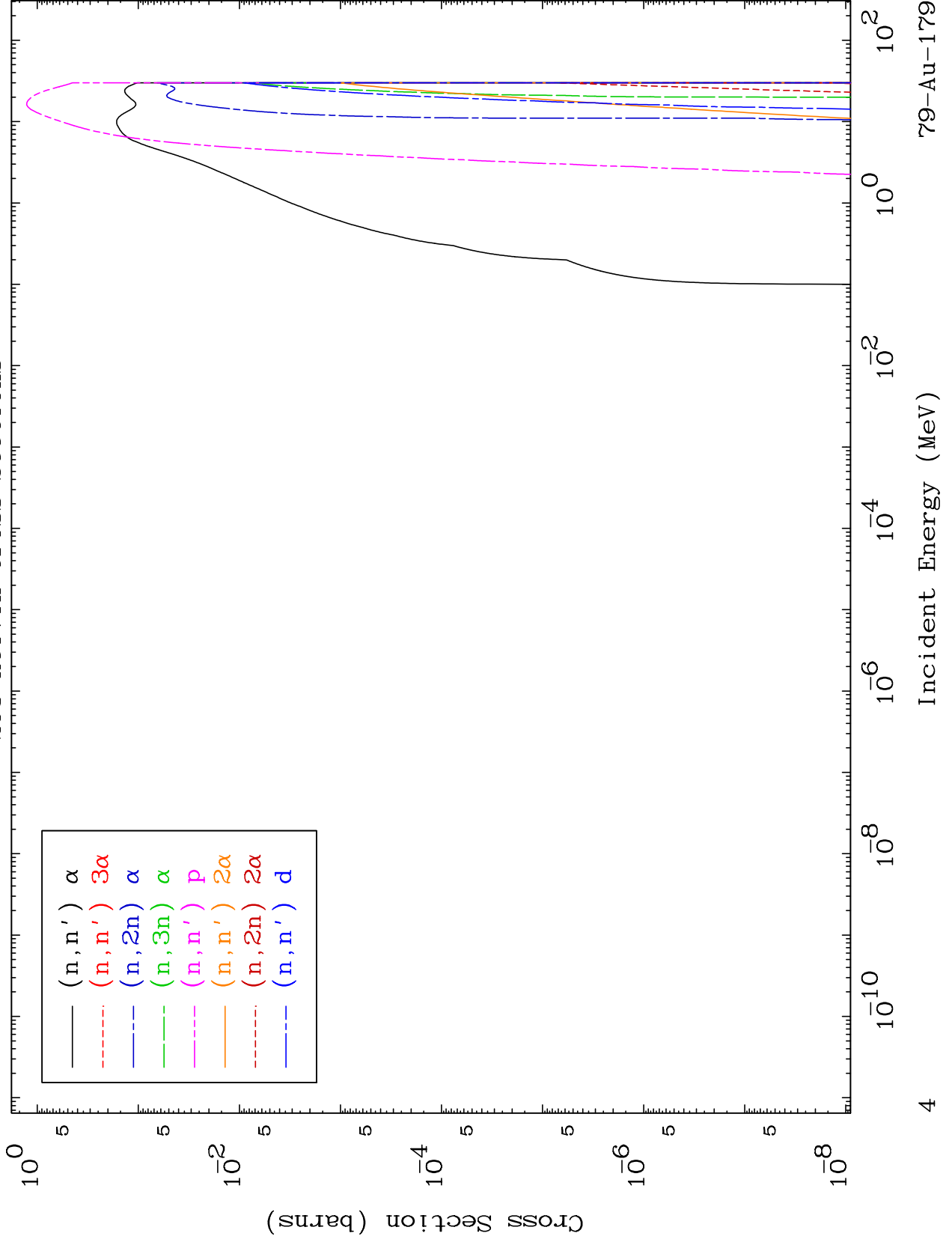




MAT 7871

Charged Particle
293 Kelvin Cross Sections

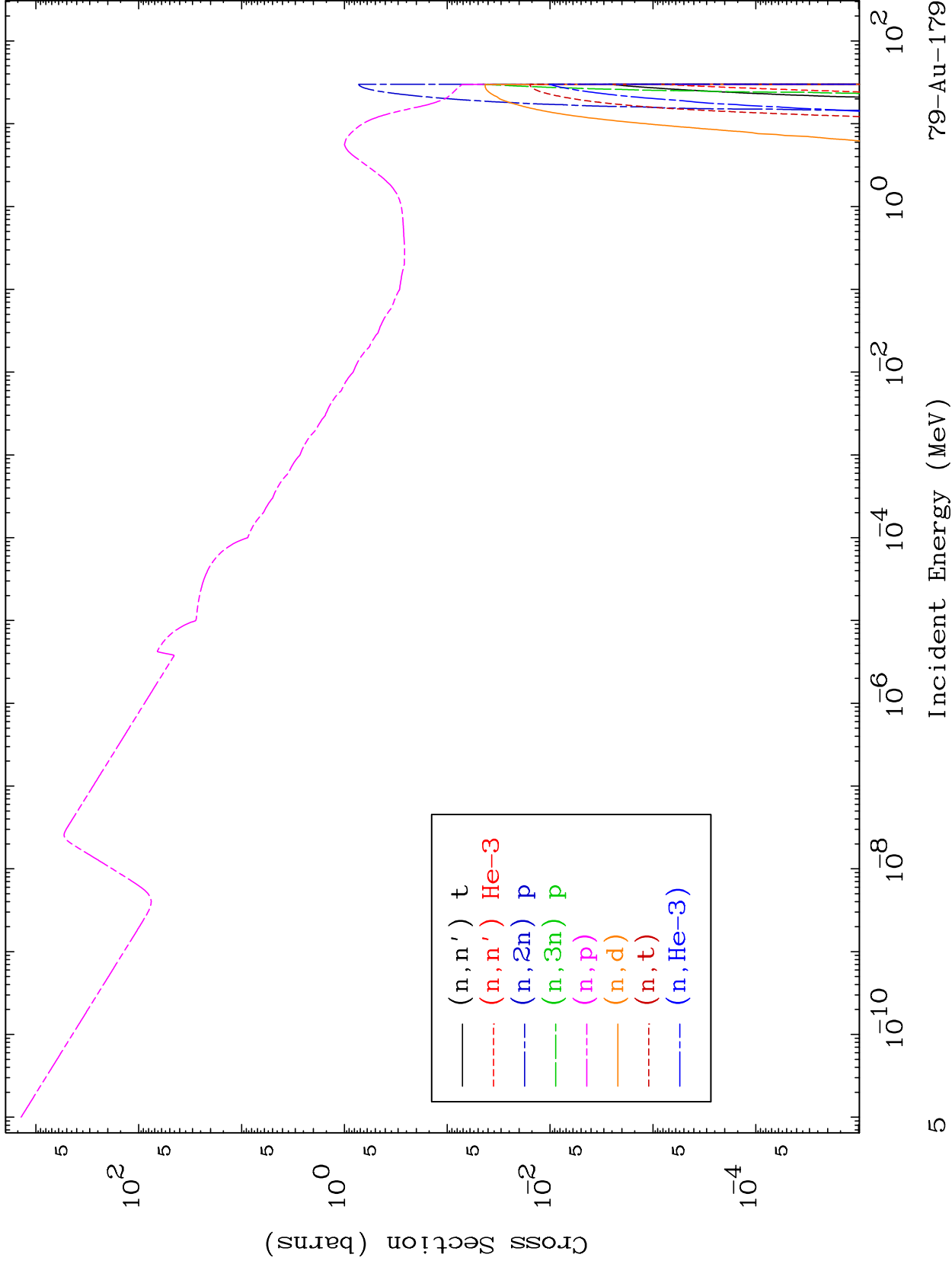
79-Au-179

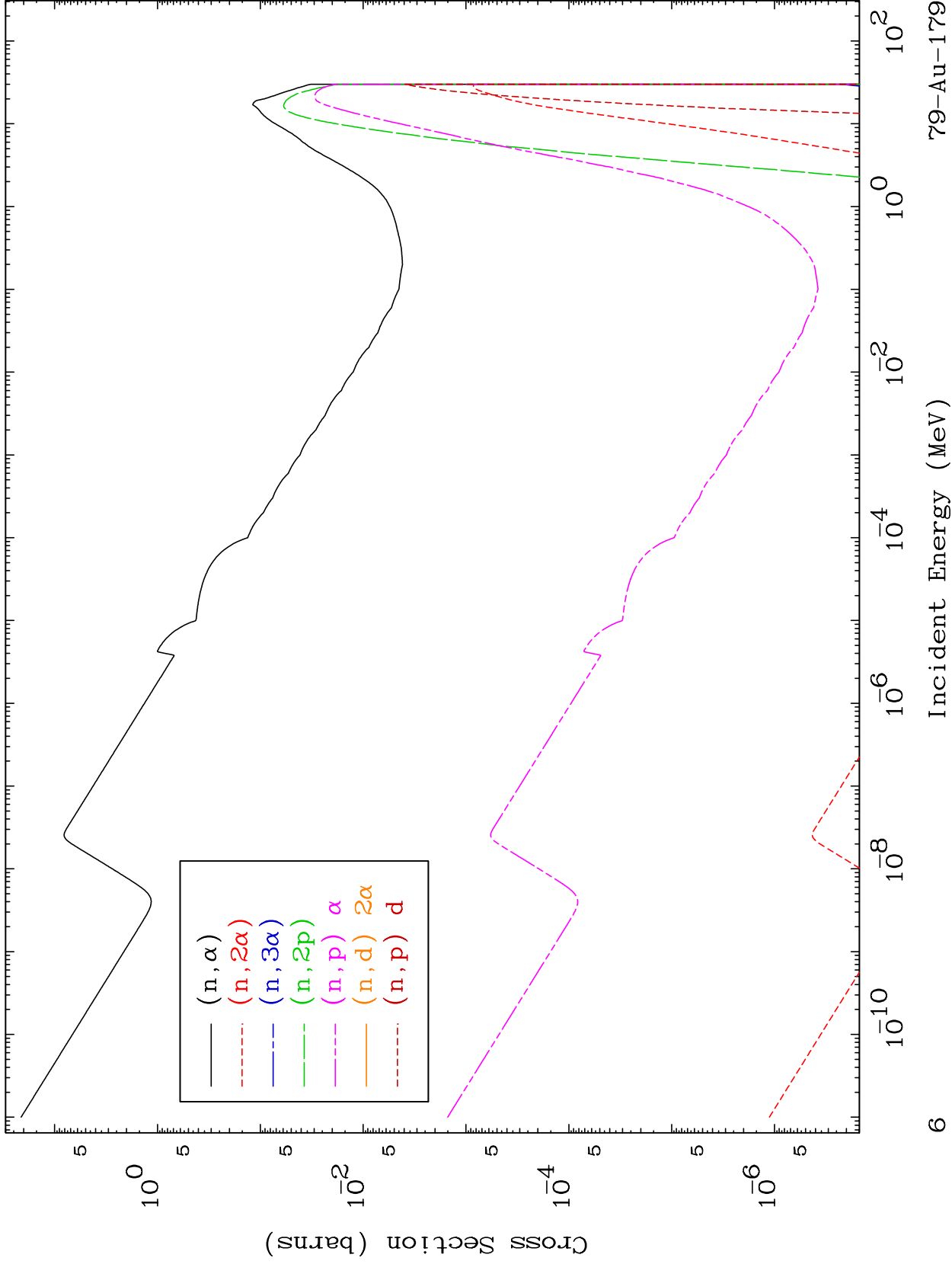


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Charged Particle
293 Kelvin Cross Sections

79-Au-179

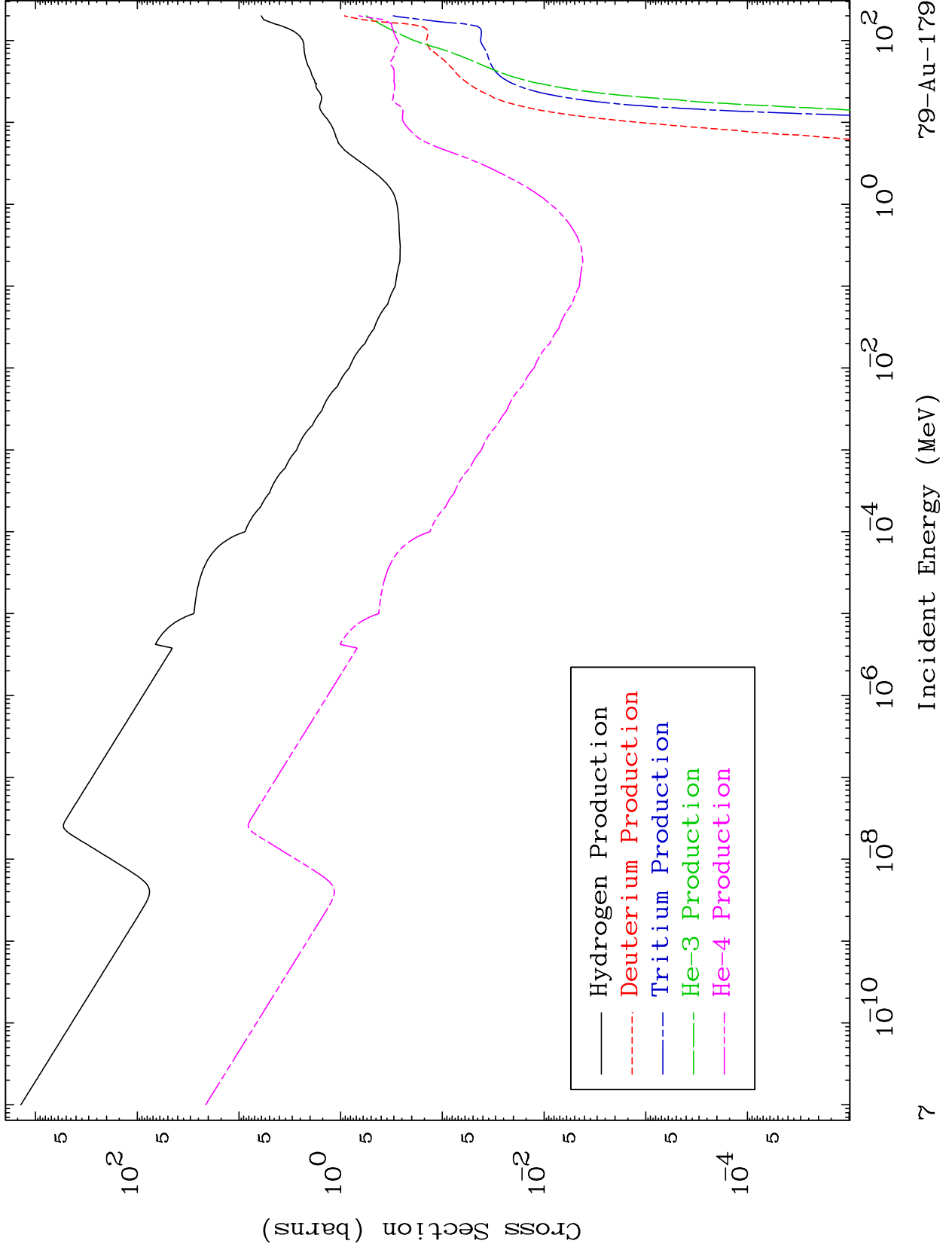




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Particle Production
293 Kelvin Cross Sections

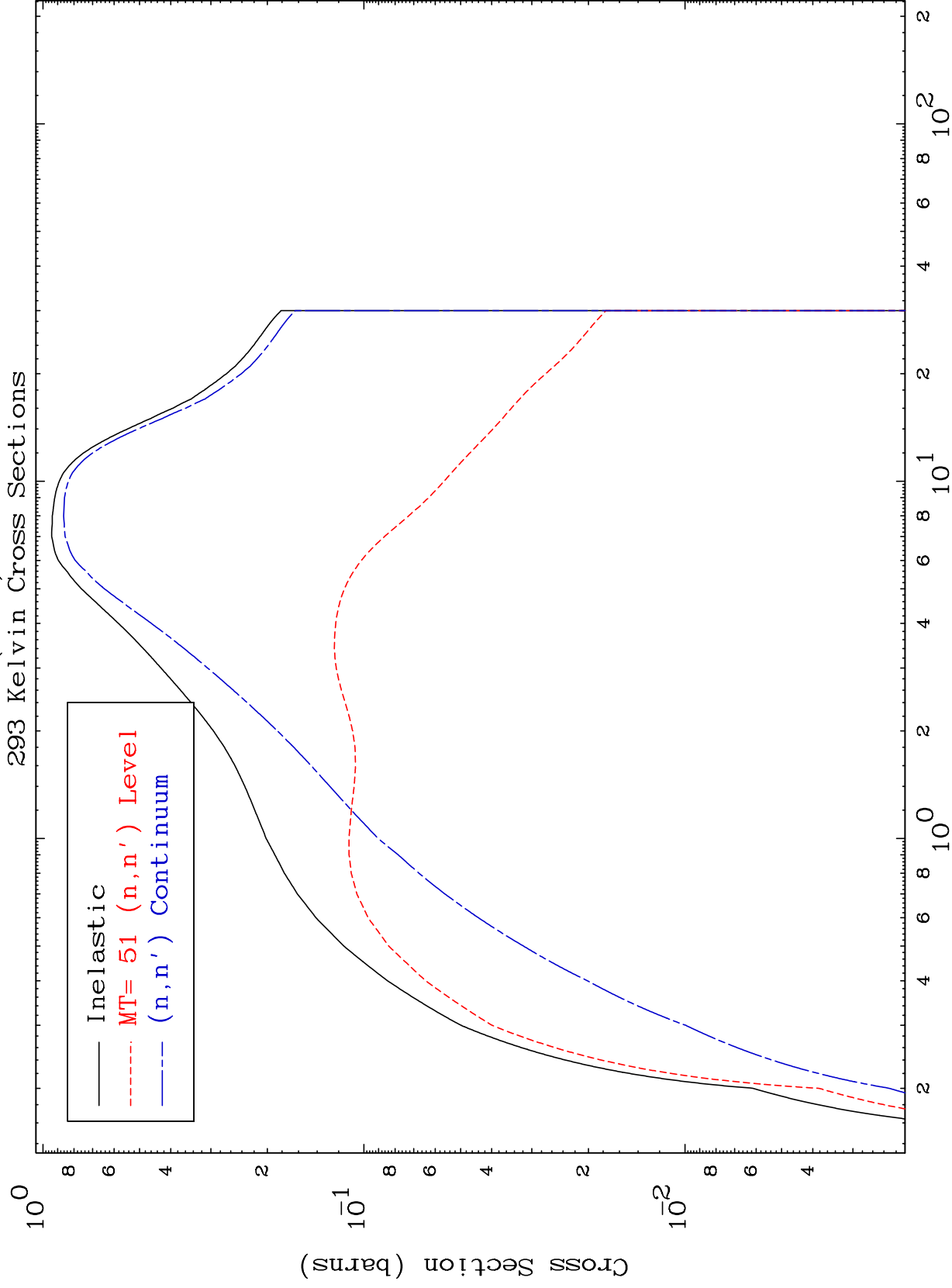
79-Au-179



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79-Au-179

(n,n') Level
293 Kelvin Cross Sections



8

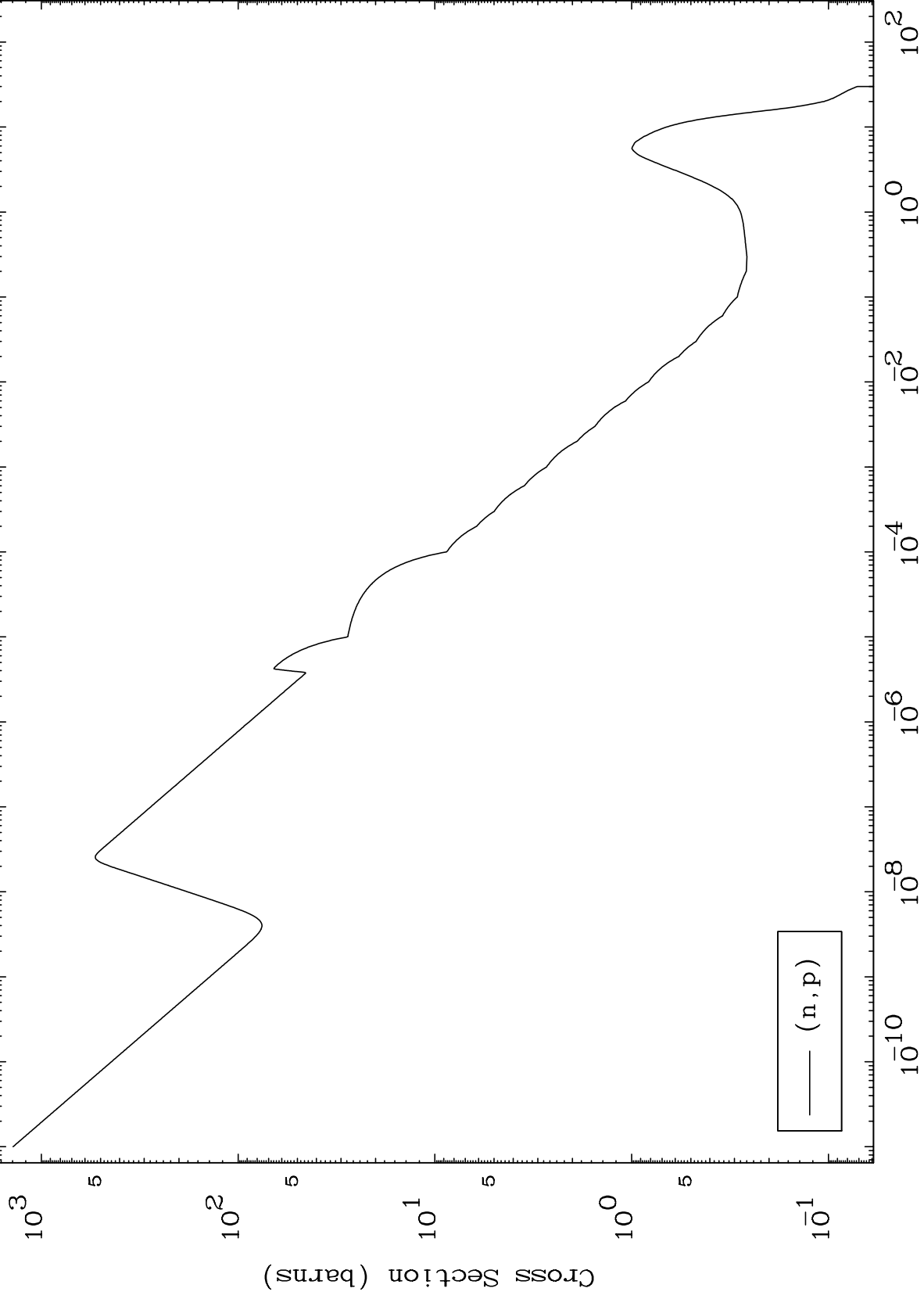
Incident Energy (MeV)

79-Au-179

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(n,p) Levels
293 Kelvin Cross Sections

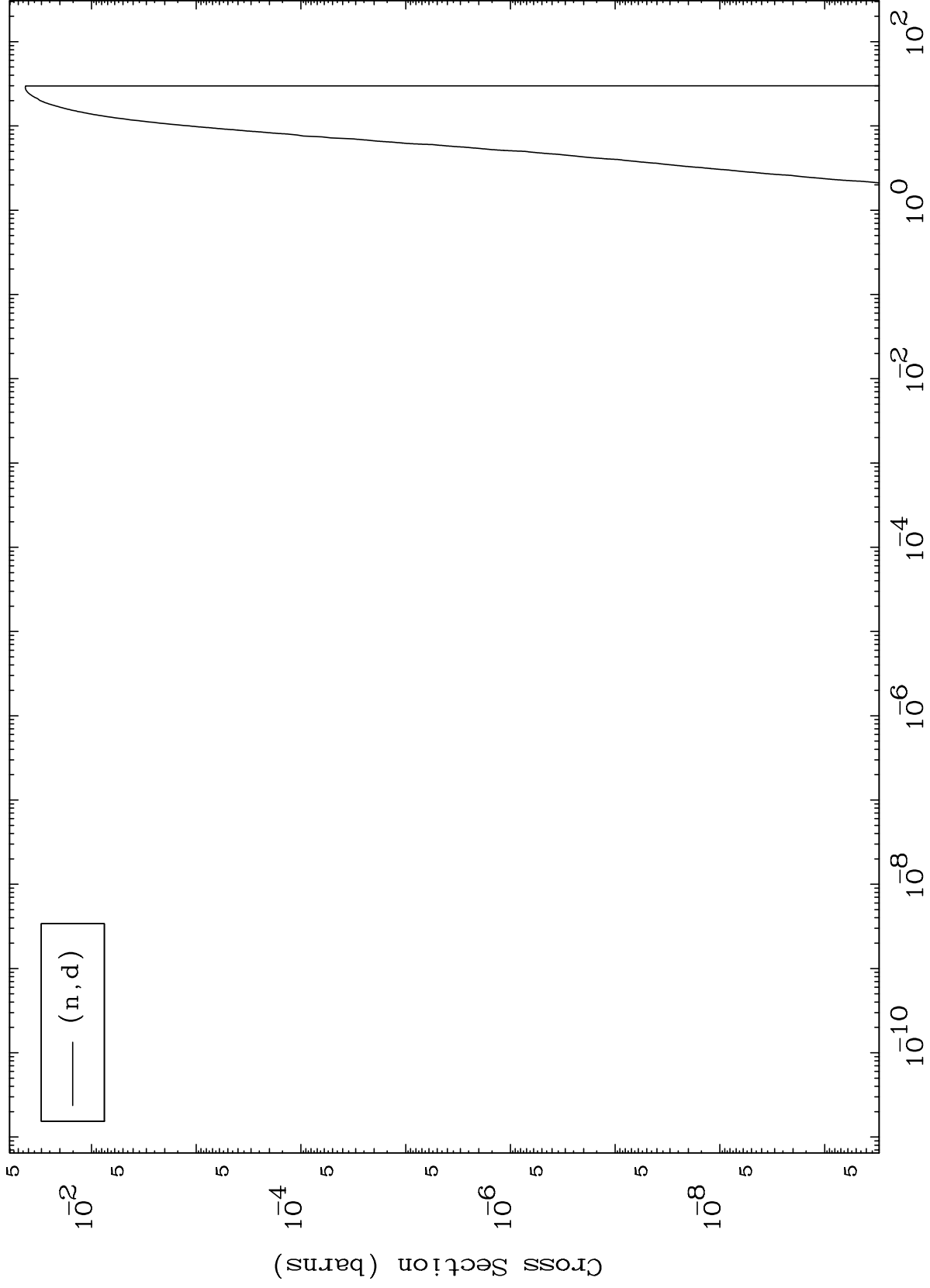
79-Au-179



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(n,d) Levels
293 Kelvin Cross Sections

79-Au-179



10

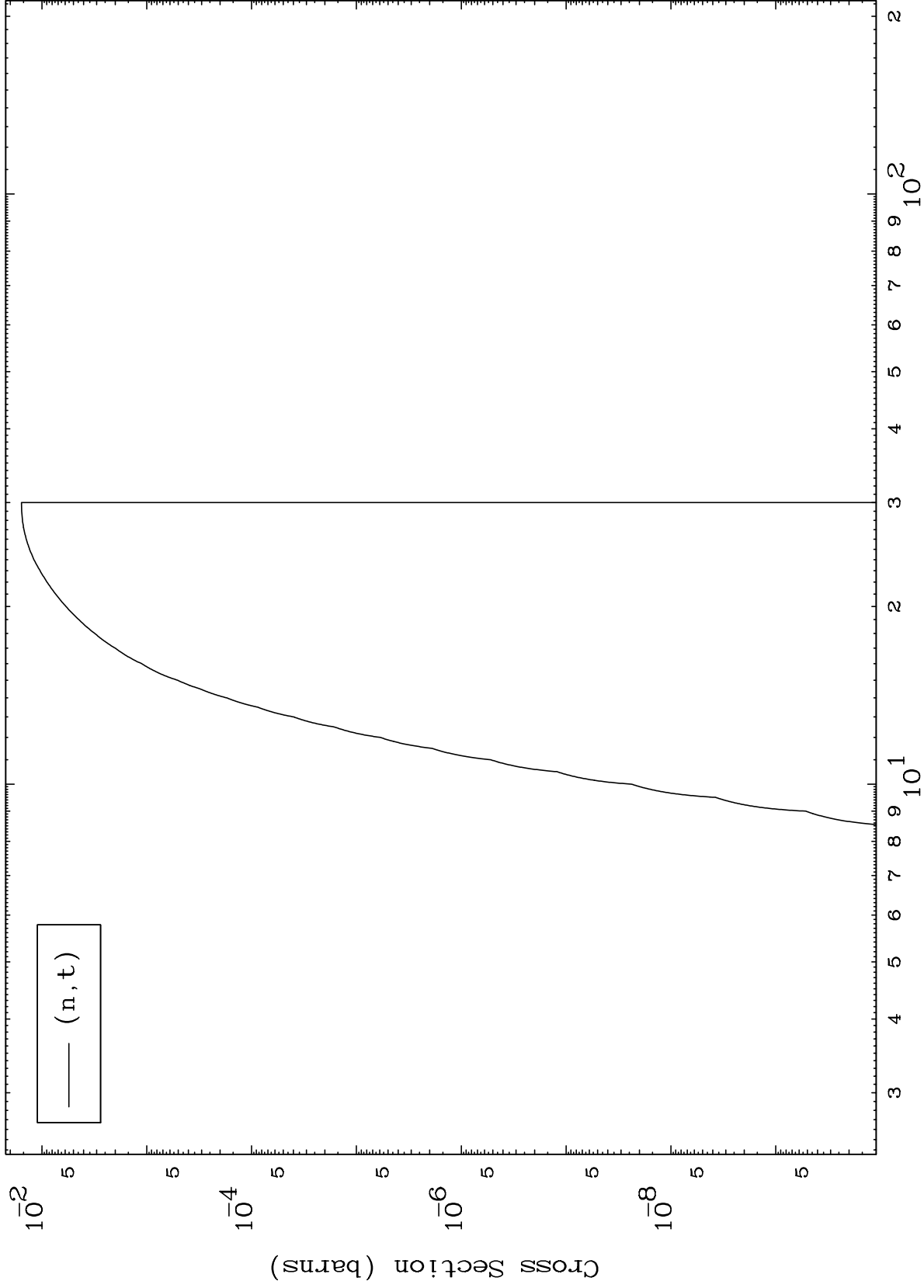
Incident Energy (MeV)

79-Au-179

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(n,t) Levels
293 Kelvin Cross Sections

79-Au-179



11

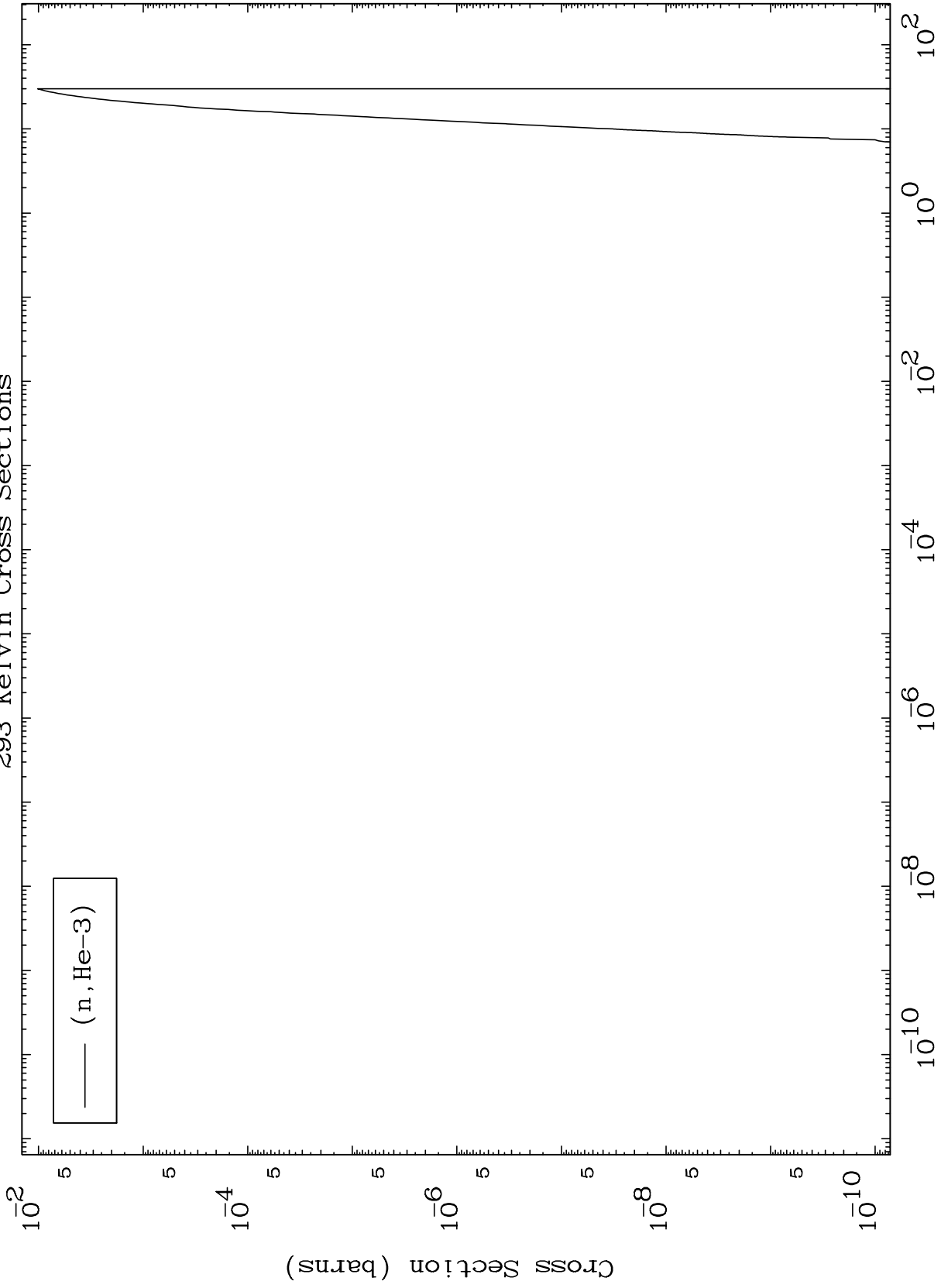
Incident Energy (MeV)

79-Au-179

MAT 7871

(n,He3) Levels
293 Kelvin Cross Sections

79-Au-179

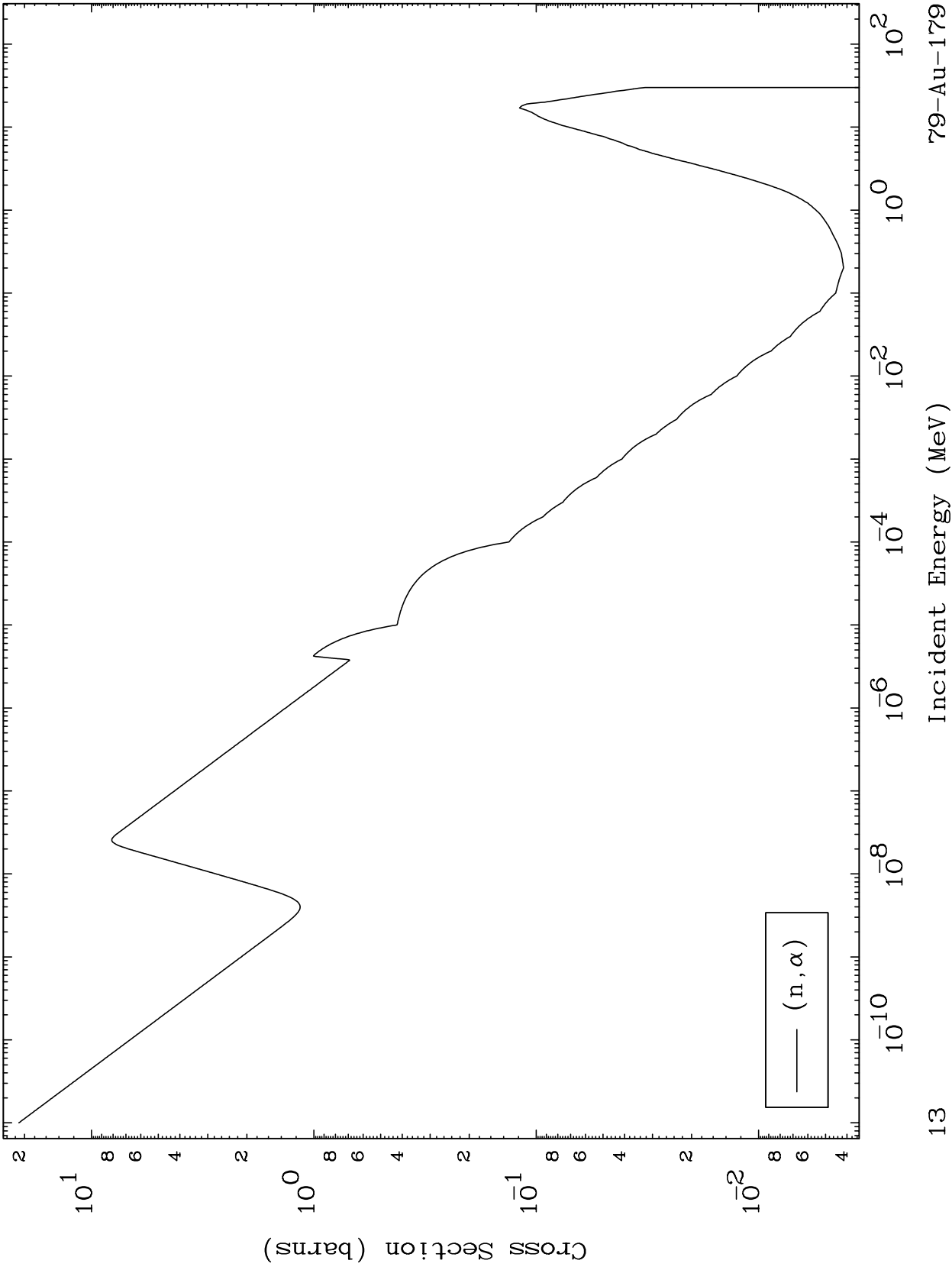


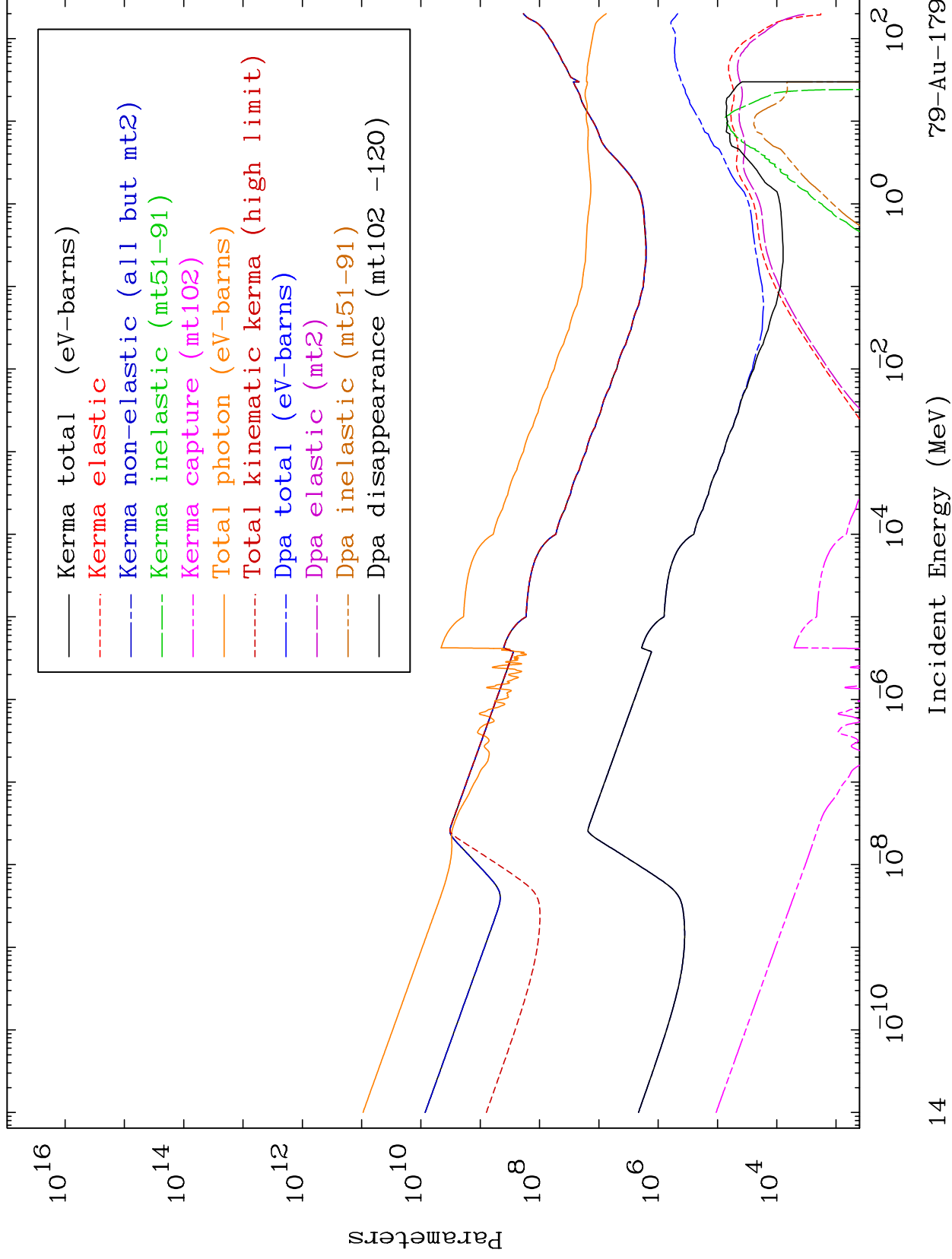
(n, He-3)

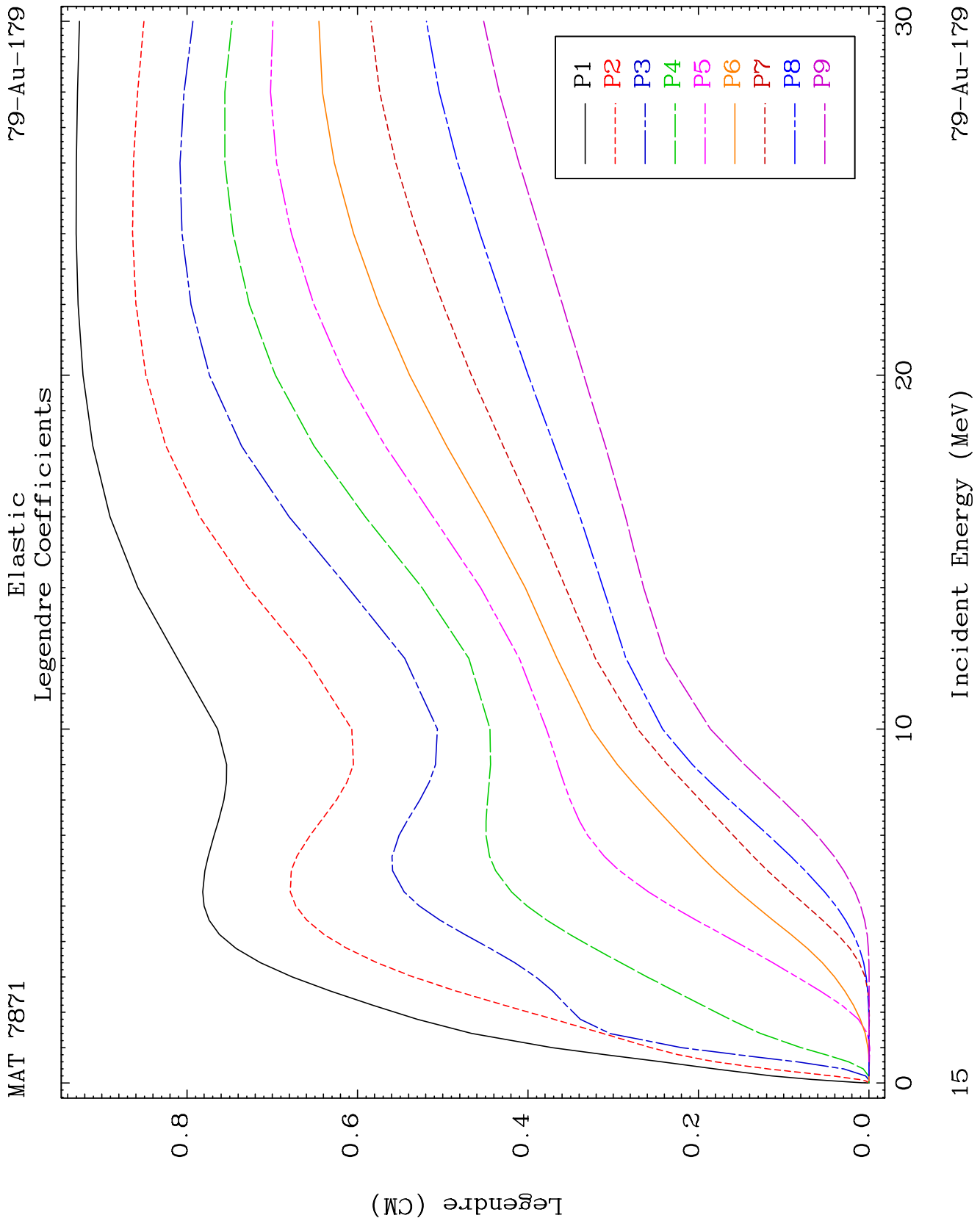
MAT 7871

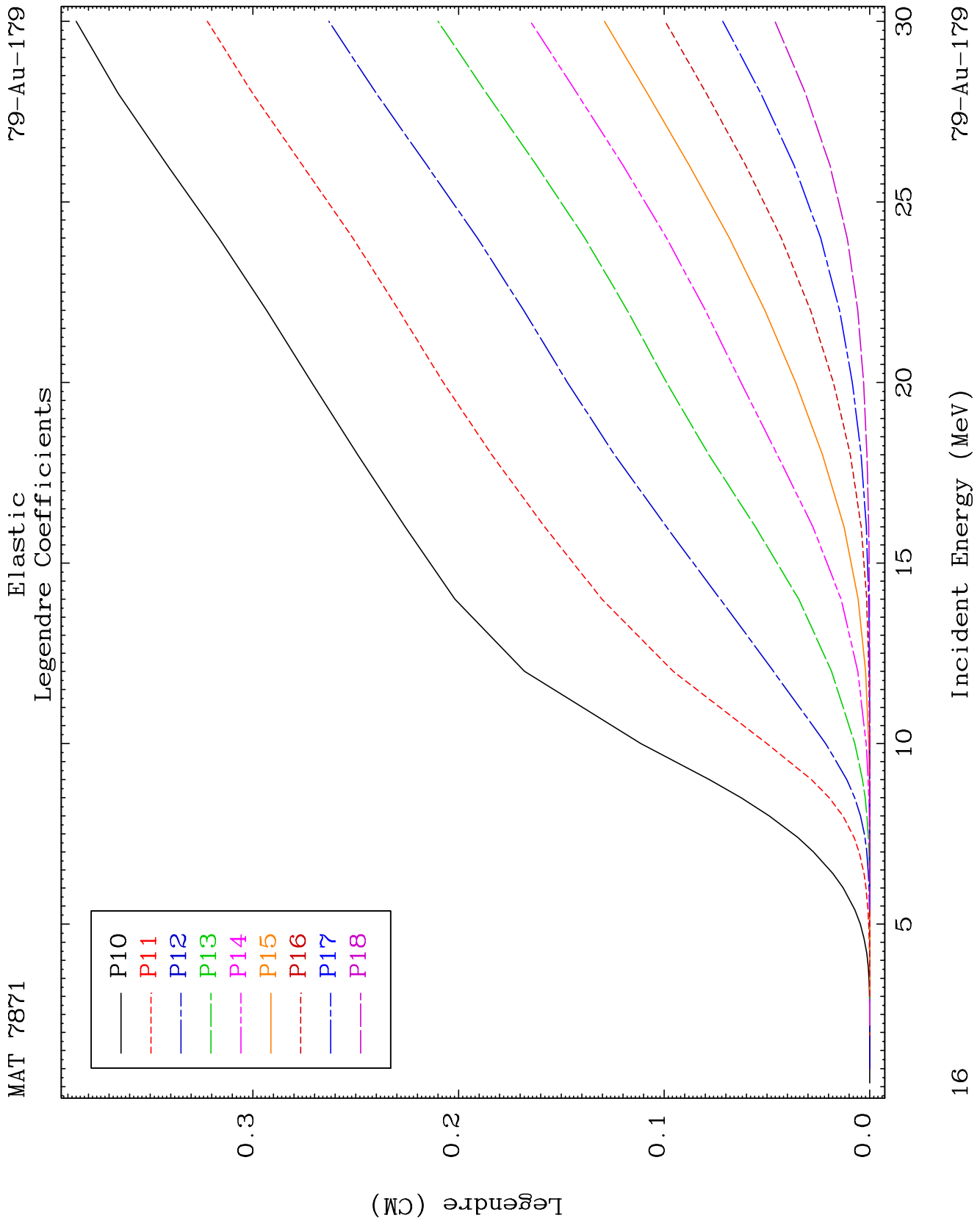
(n,α) Levels
293 Kelvin Cross Sections

79-Au-179









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Elastic Legendre Coefficients

$^{79}\text{Au-179}$

16

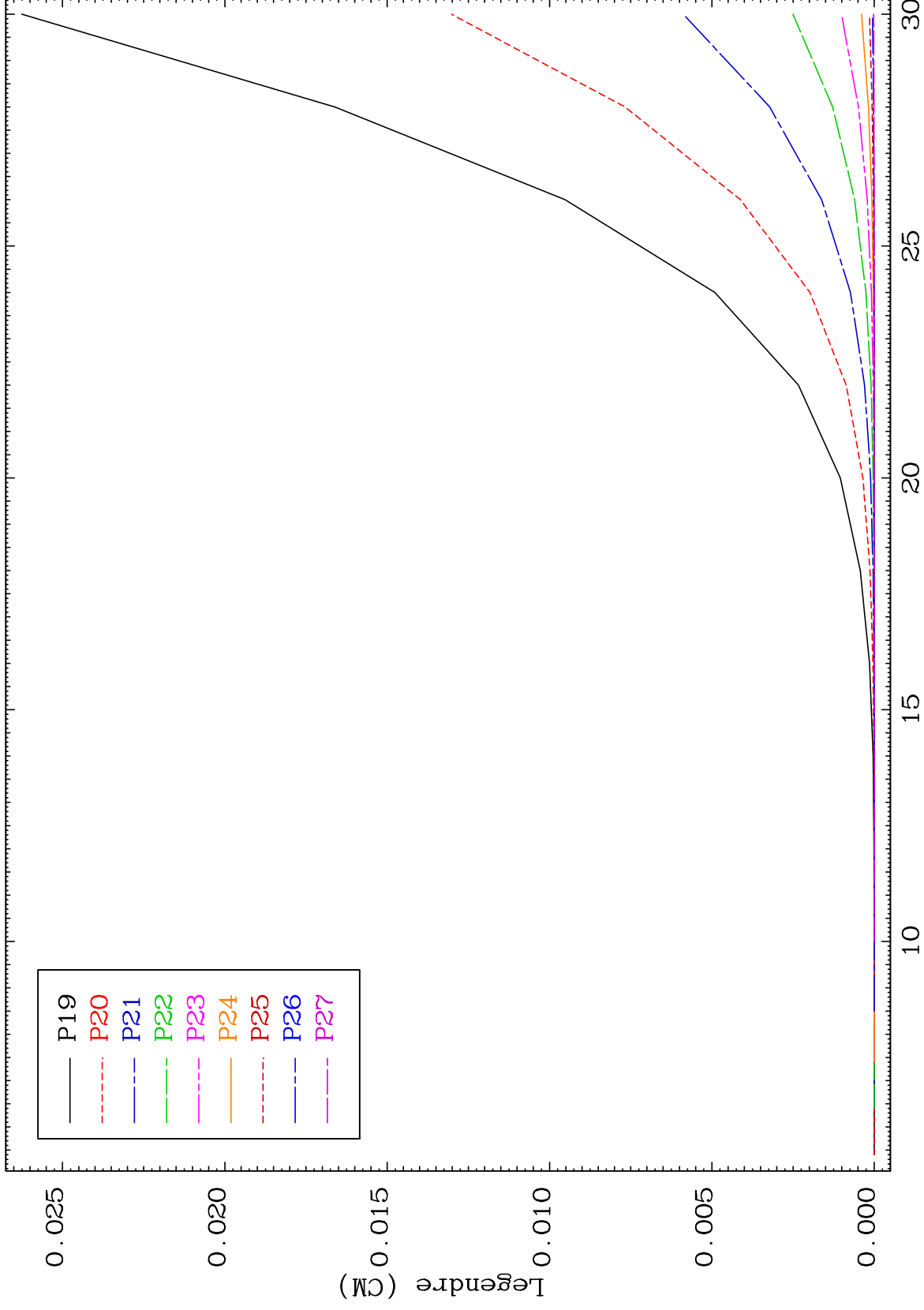
Incident Energy (MeV)

$^{79}\text{Au-179}$

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Elastic Legendre Coefficients

79-Au-179



17

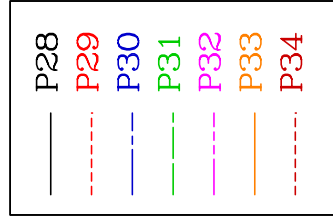
Incident Energy (MeV)

79-Au-179

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Elastic
Legendre Coefficients

79-Au-179



$\times 10^{-6}$

Legendre (CM)

4

2

0

15

20

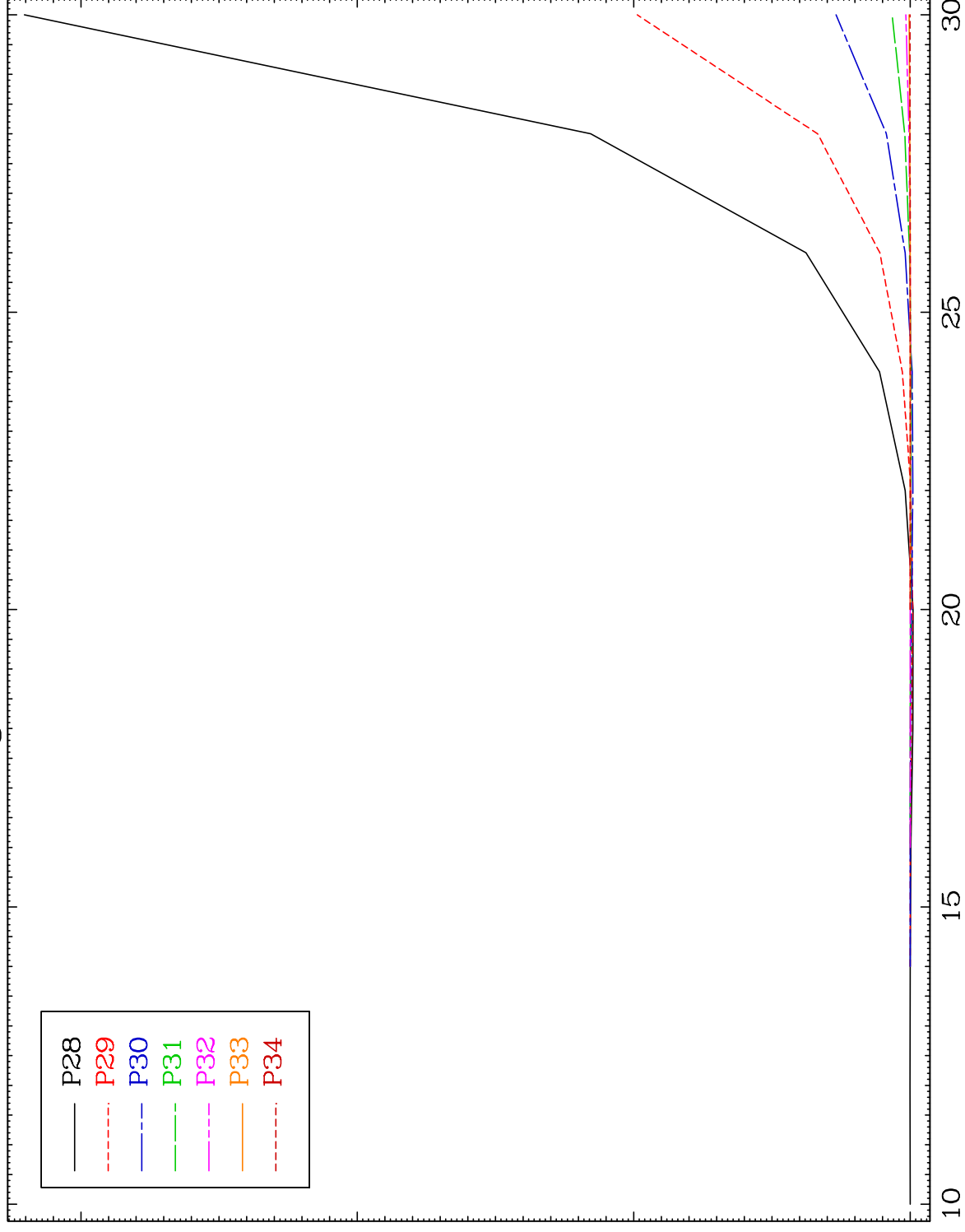
25

30

18

Incident Energy (MeV)

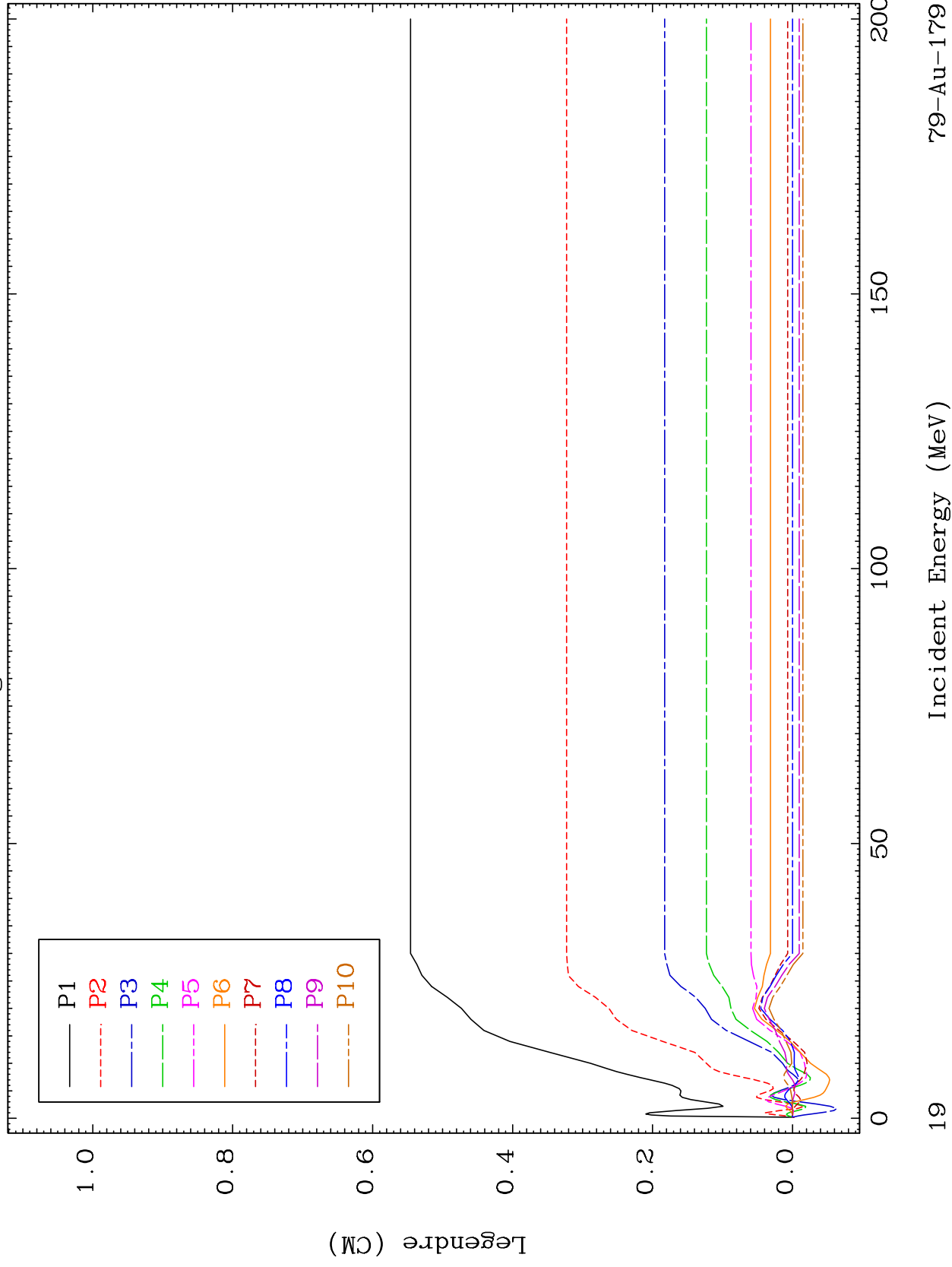
79-Au-179



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

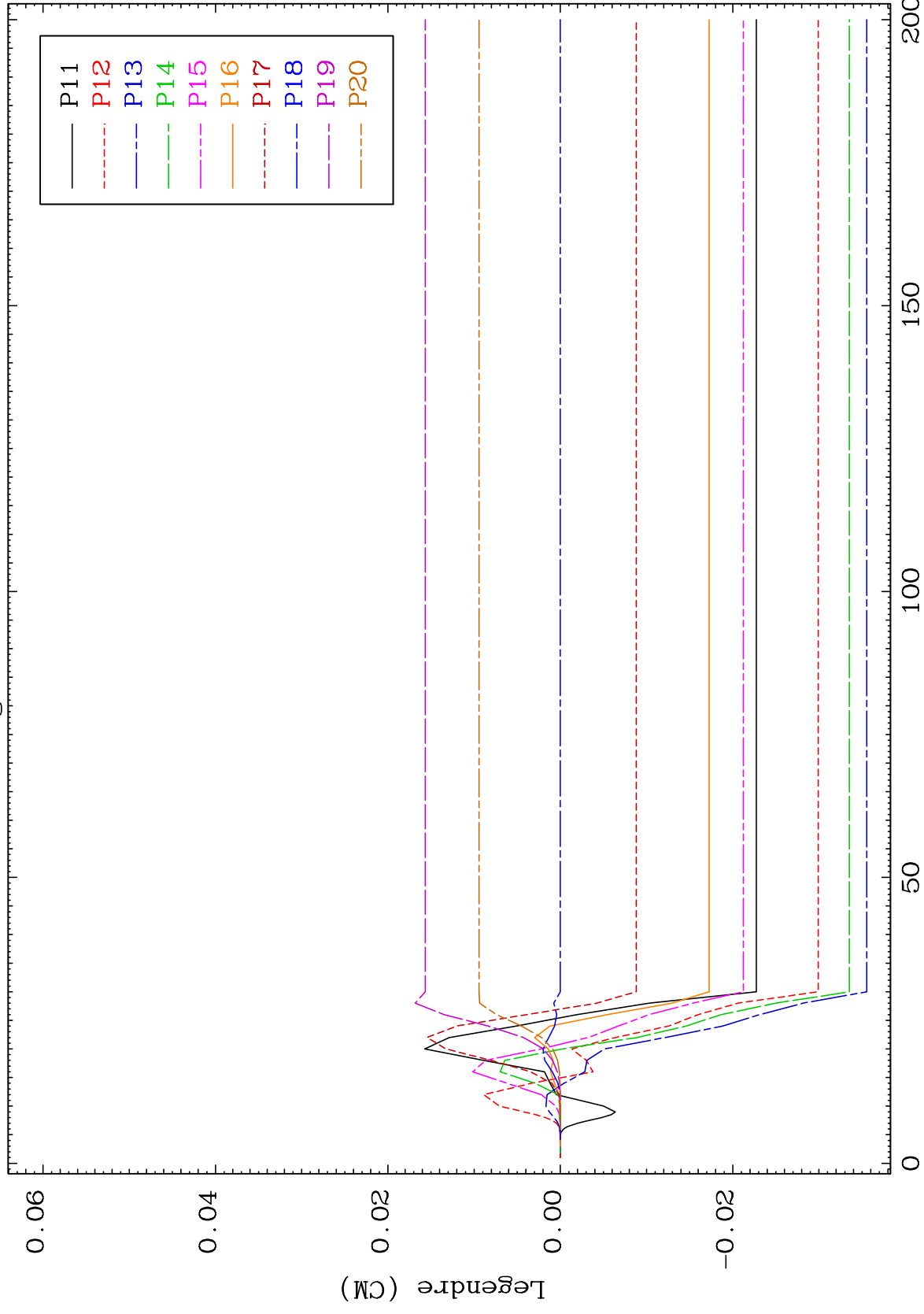
79-Au-179



MAT 7871

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

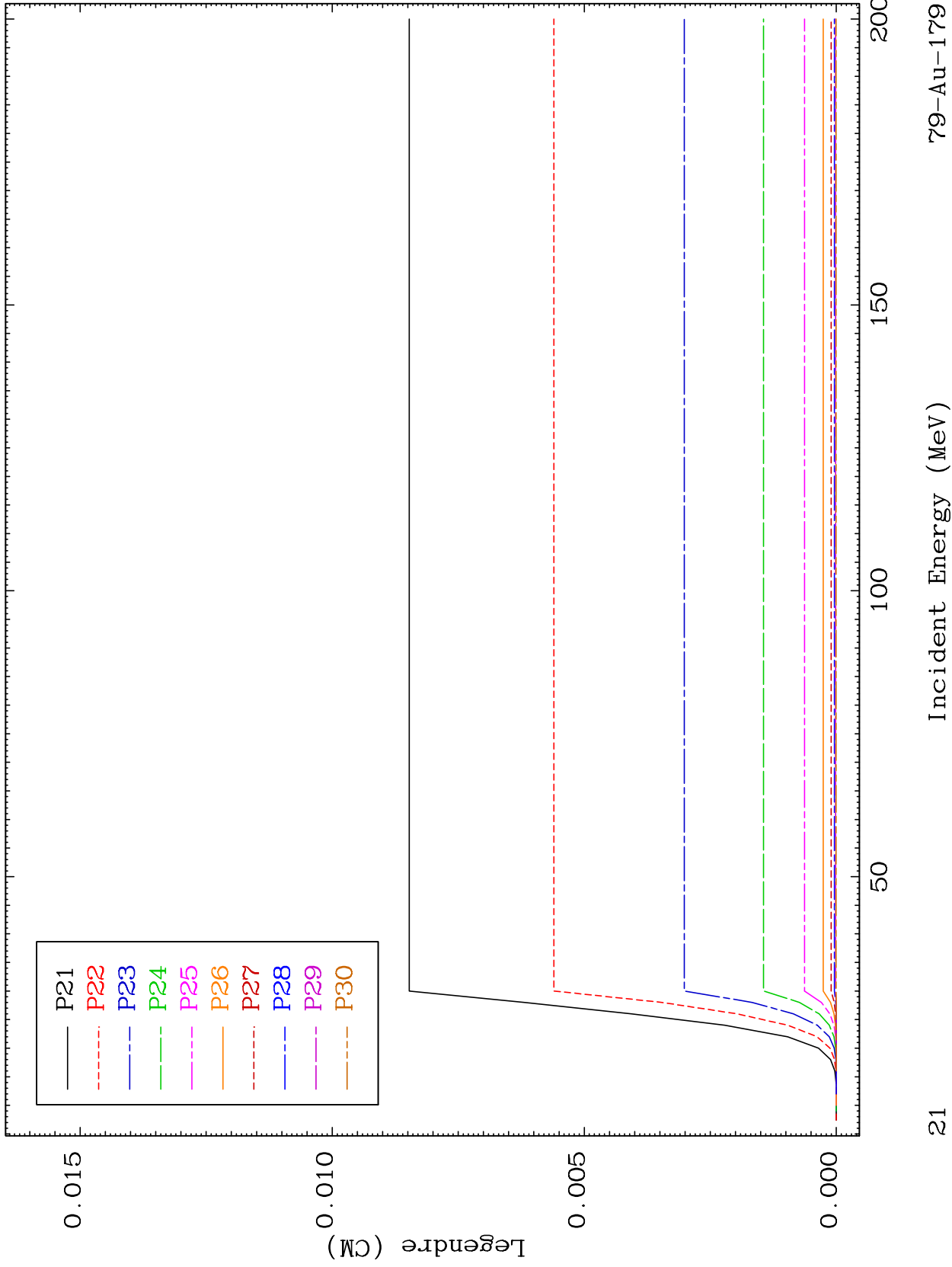
79-Au-179



79-Au-179

Incident Energy (MeV)

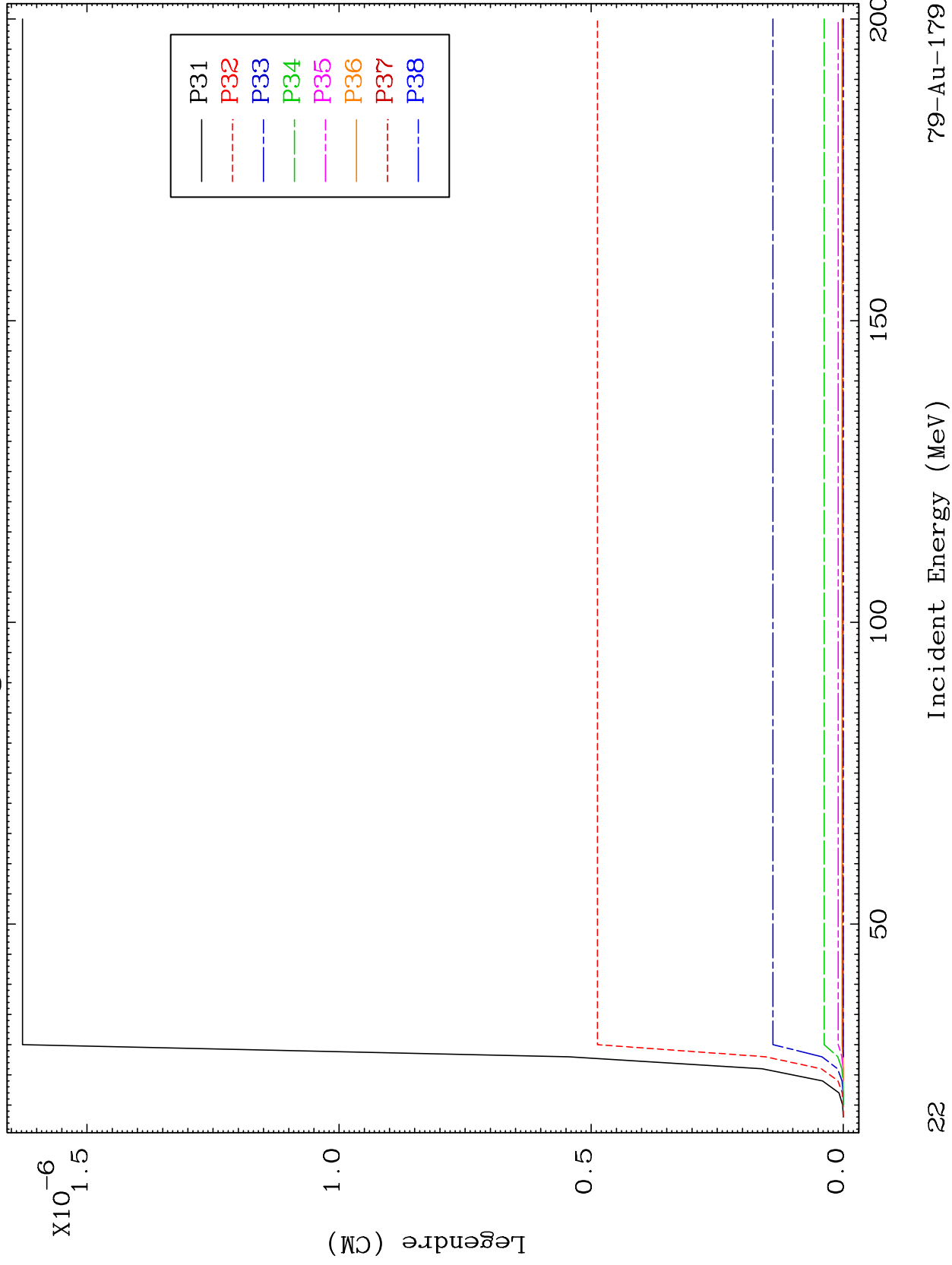
20



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

79-Au-179



22

Incident Energy (MeV)

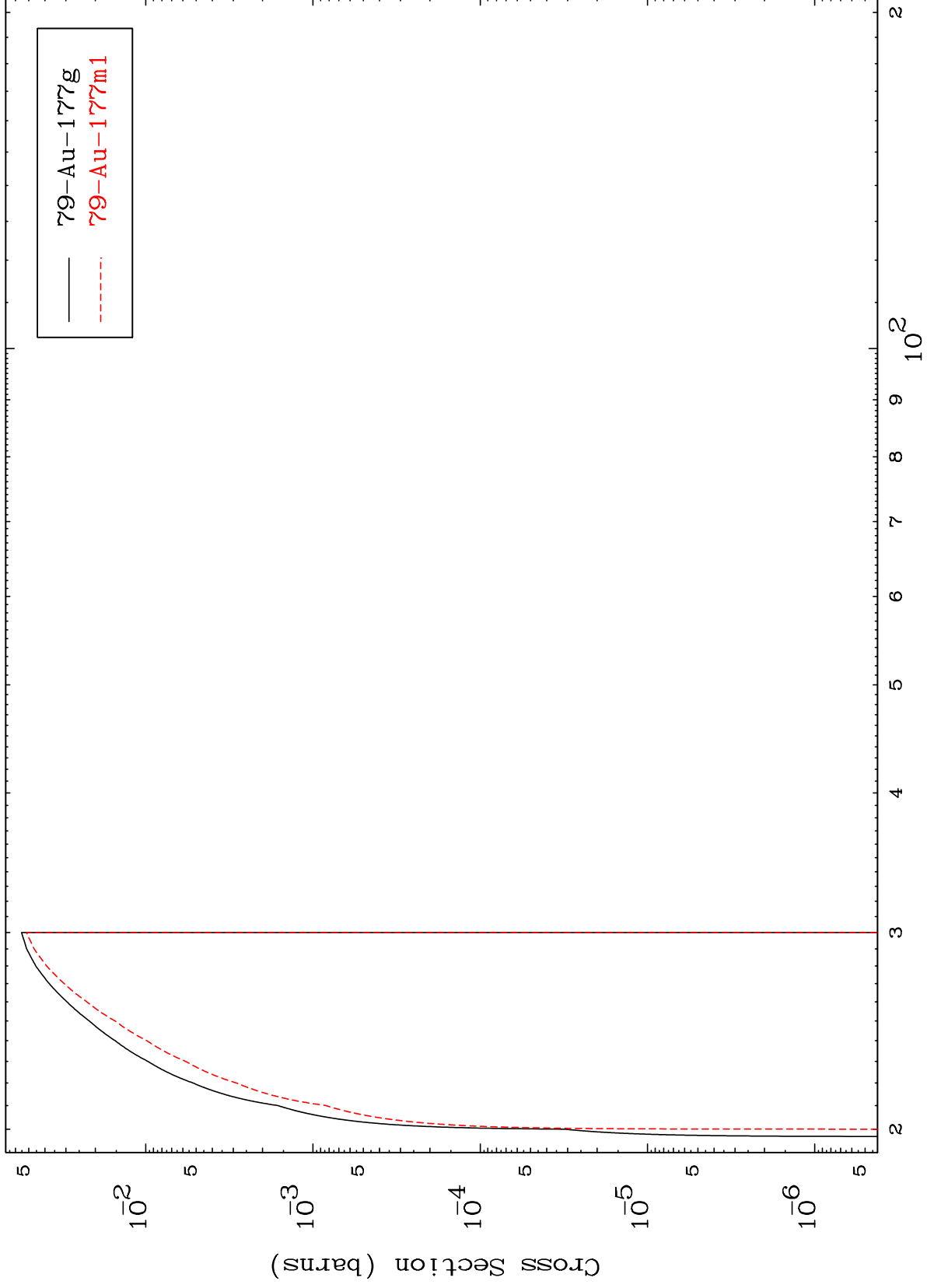
79-Au-179

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(n,3n)

⁷⁹Au-179

Radionuclide Production Cross Section



23

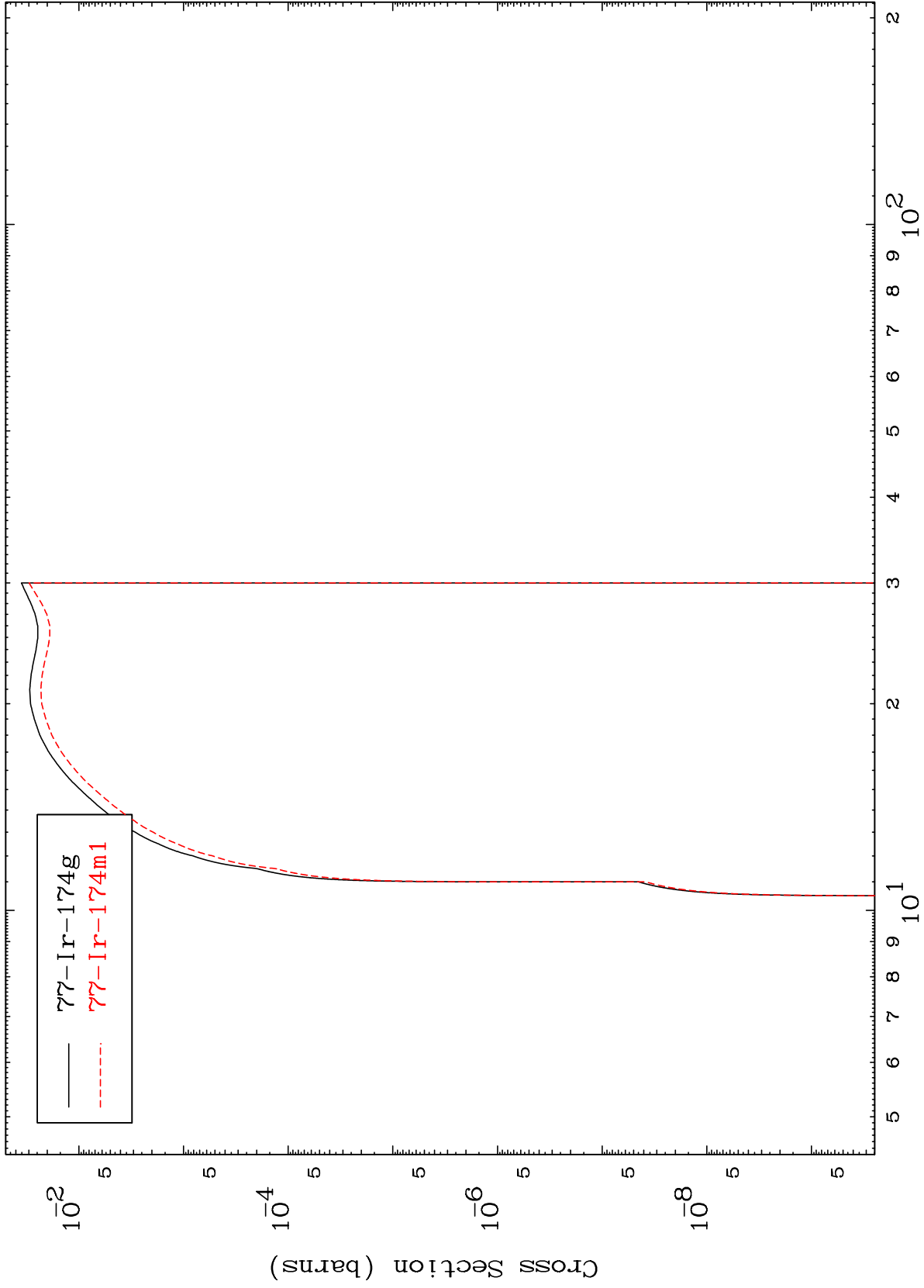
Incident Energy (MeV)

⁷⁹Au-179

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79-Au-179

(n,2n) α
Radionuclide Production Cross Section



24

Incident Energy (MeV)

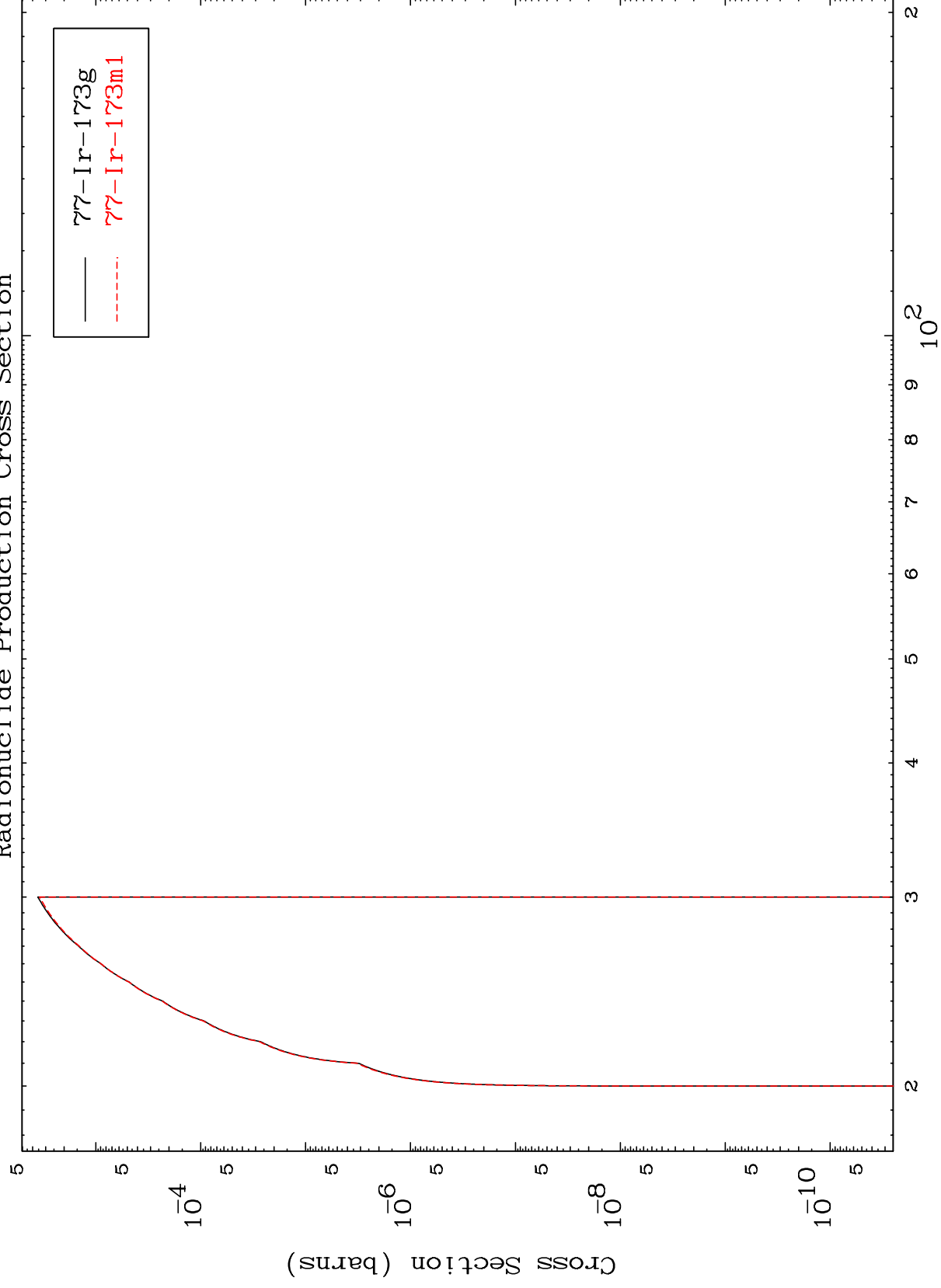
79-Au-179

MAT 7871

(n,3n) α

79-Au-179

Radionuclide Production Cross Section



25

Incident Energy (MeV)

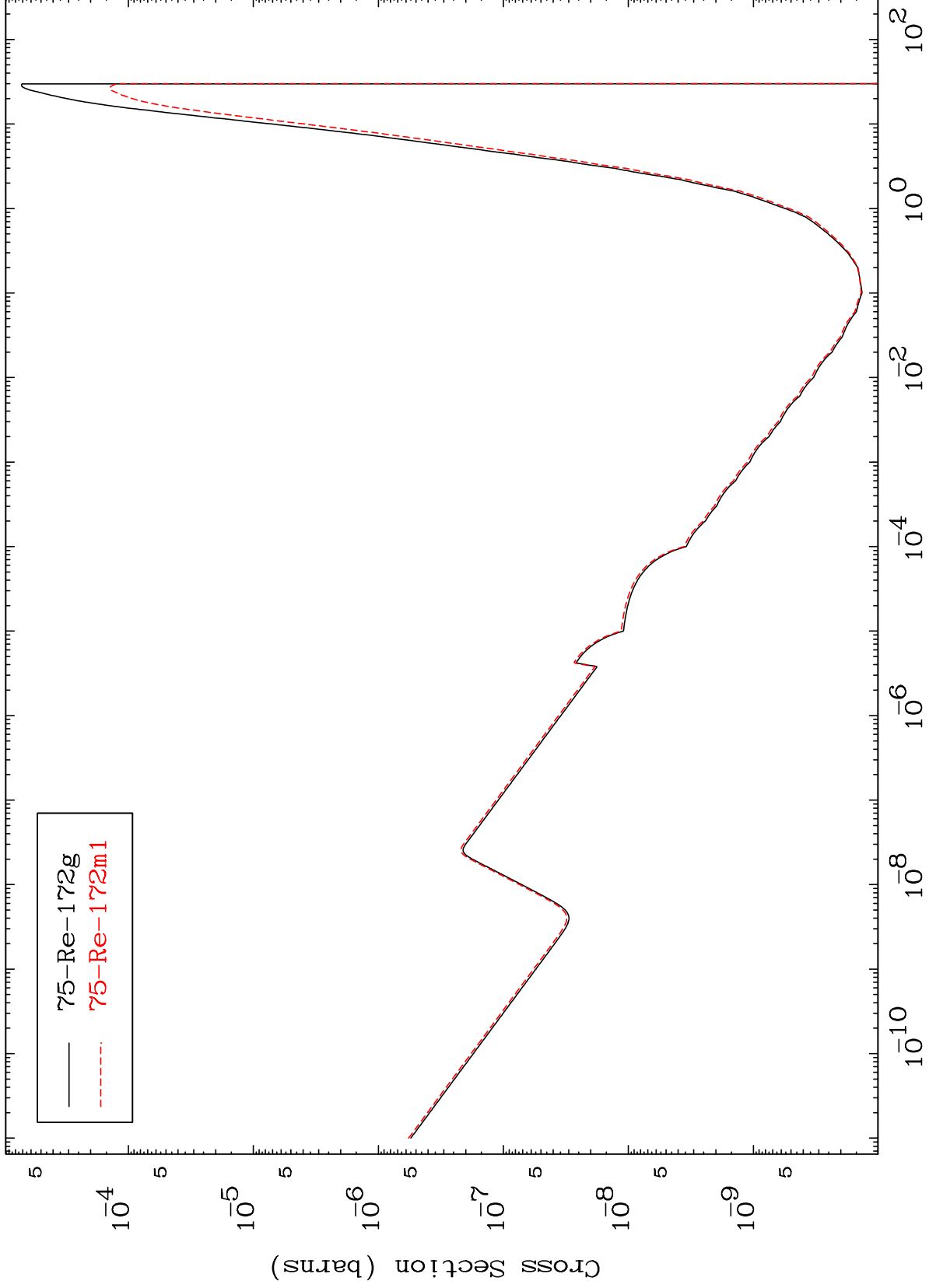
79-Au-179

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(n,2α)

79-Au-179

Radionuclide Production Cross Section



26

Incident Energy (MeV)

79-Au-179