

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

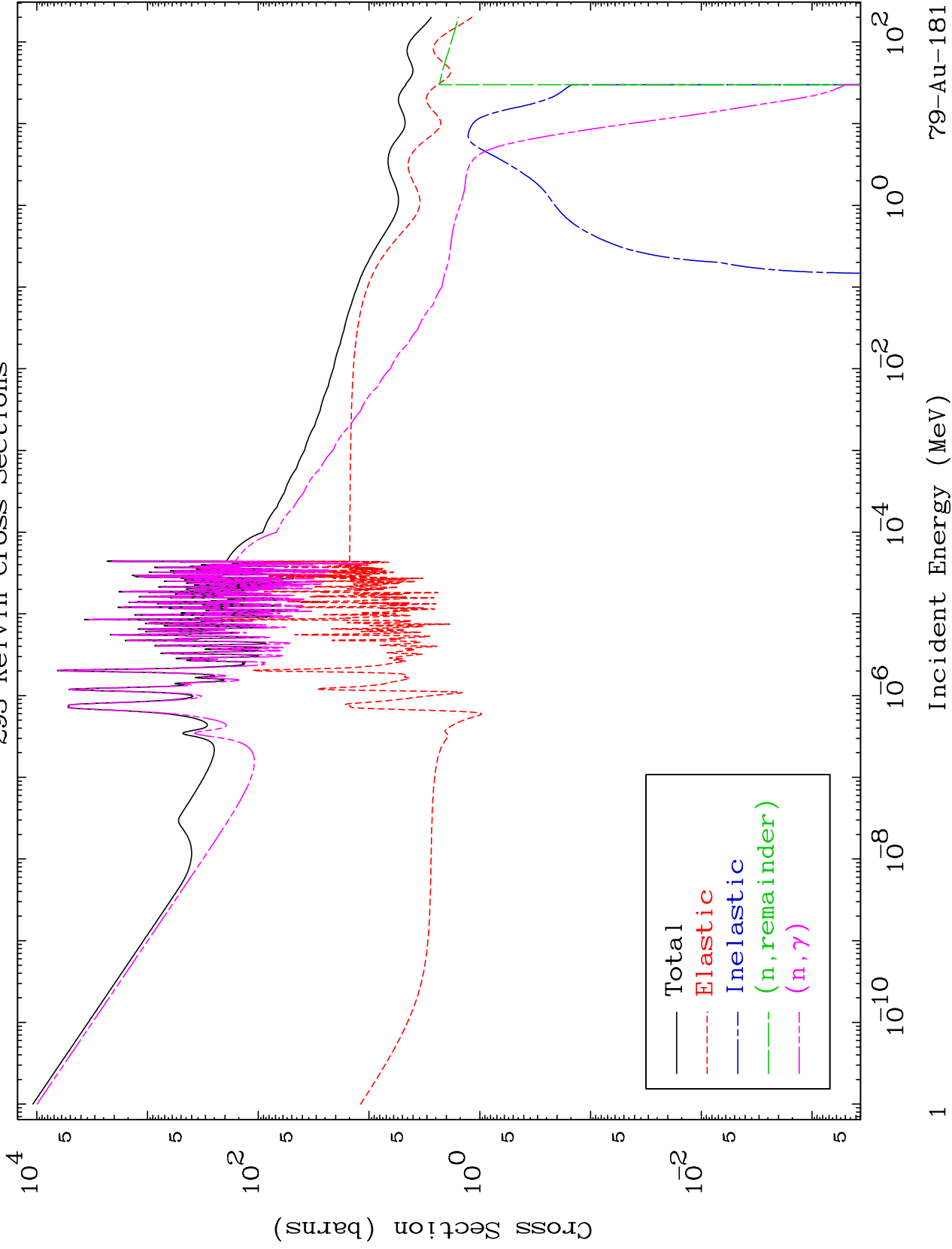
Press Mouse Button to Start

MAT 7877

Major

293 Kelvin Cross Sections

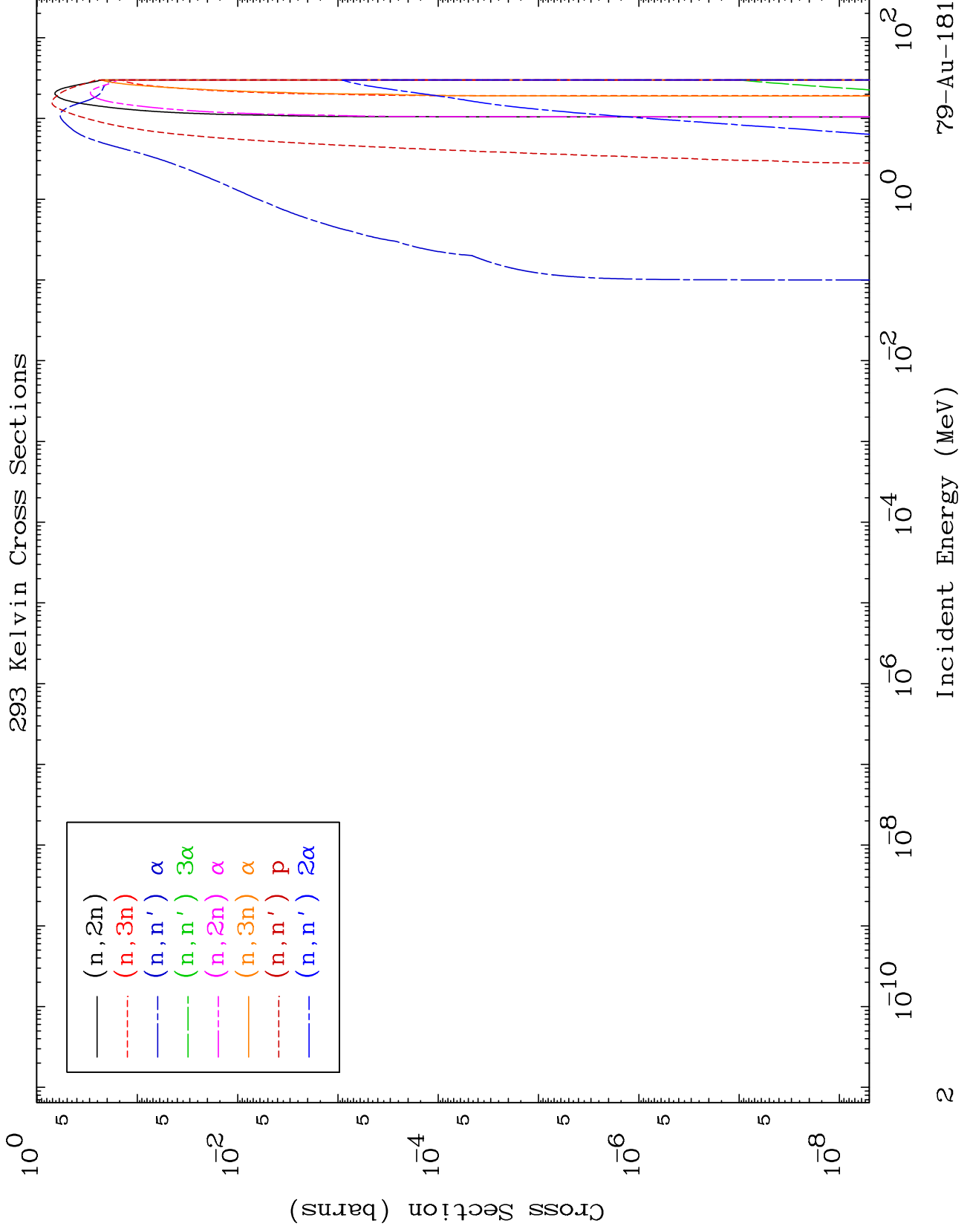
79-Au-181



MAT 7877

Neutron Production
293 Kelvin Cross Sections

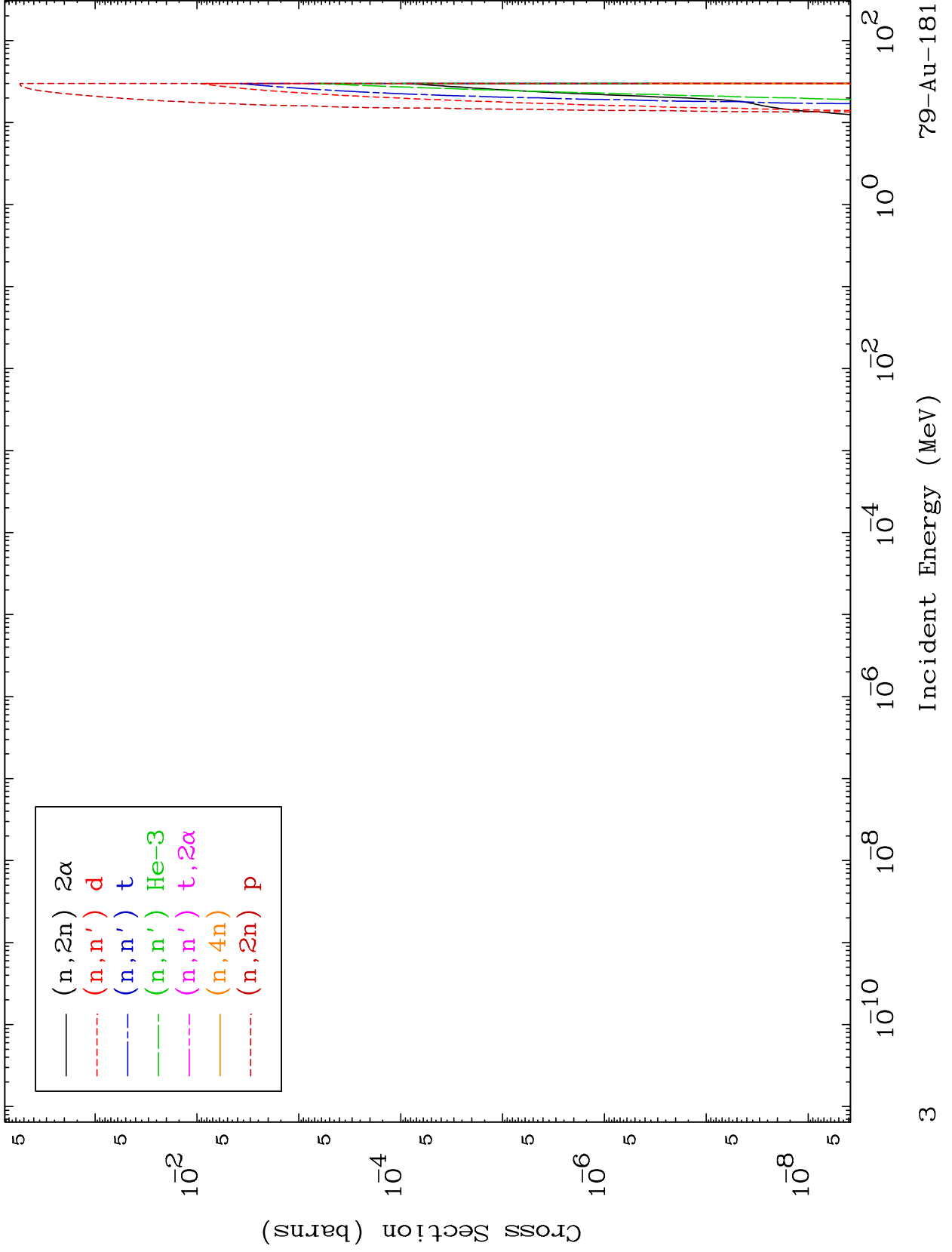
79-Au-181



MAT 7877

Neutron Production
293 Kelvin Cross Sections

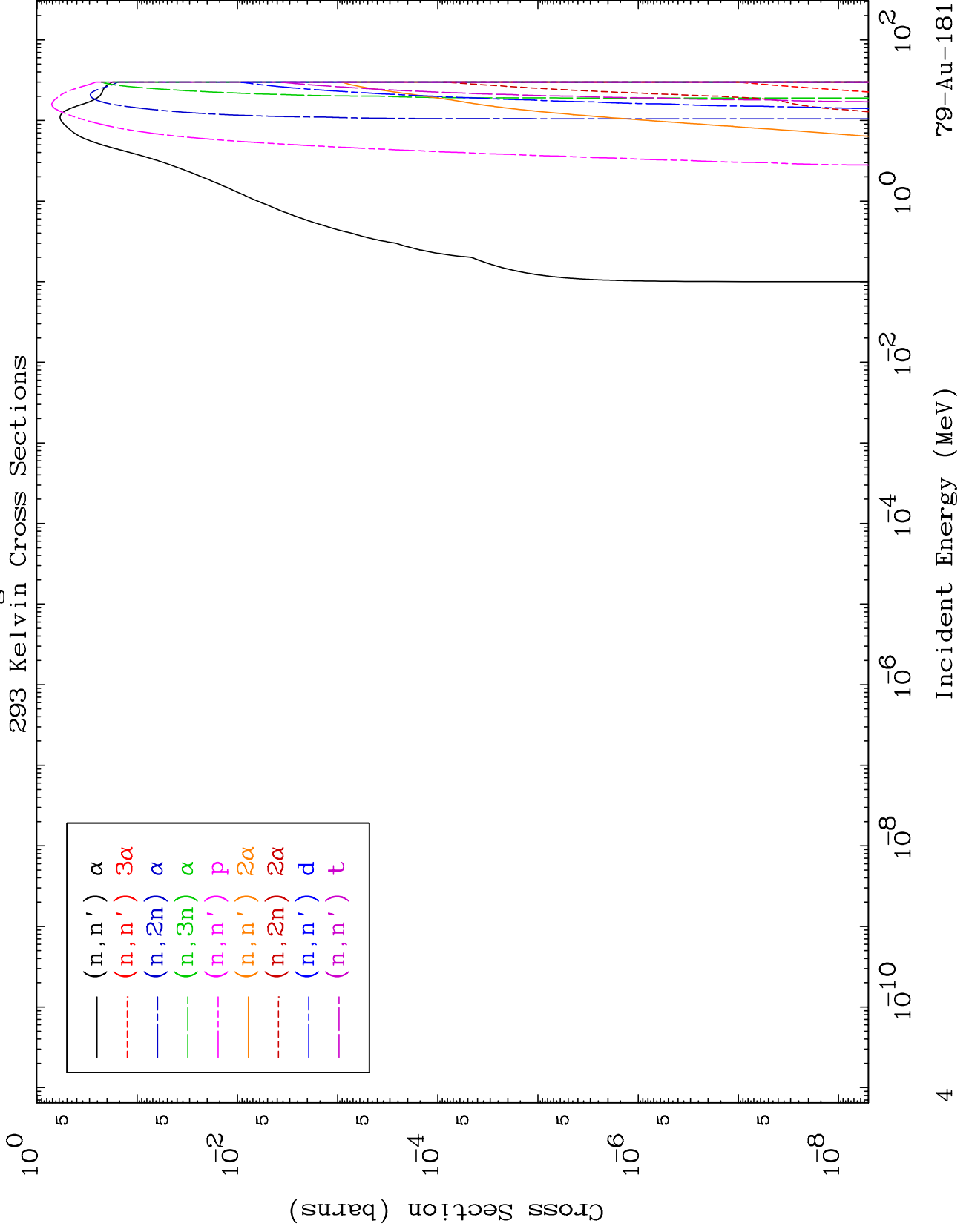
⁷⁹Au-181



MAT 78777

Charged Particle
293 Kelvin Cross Sections

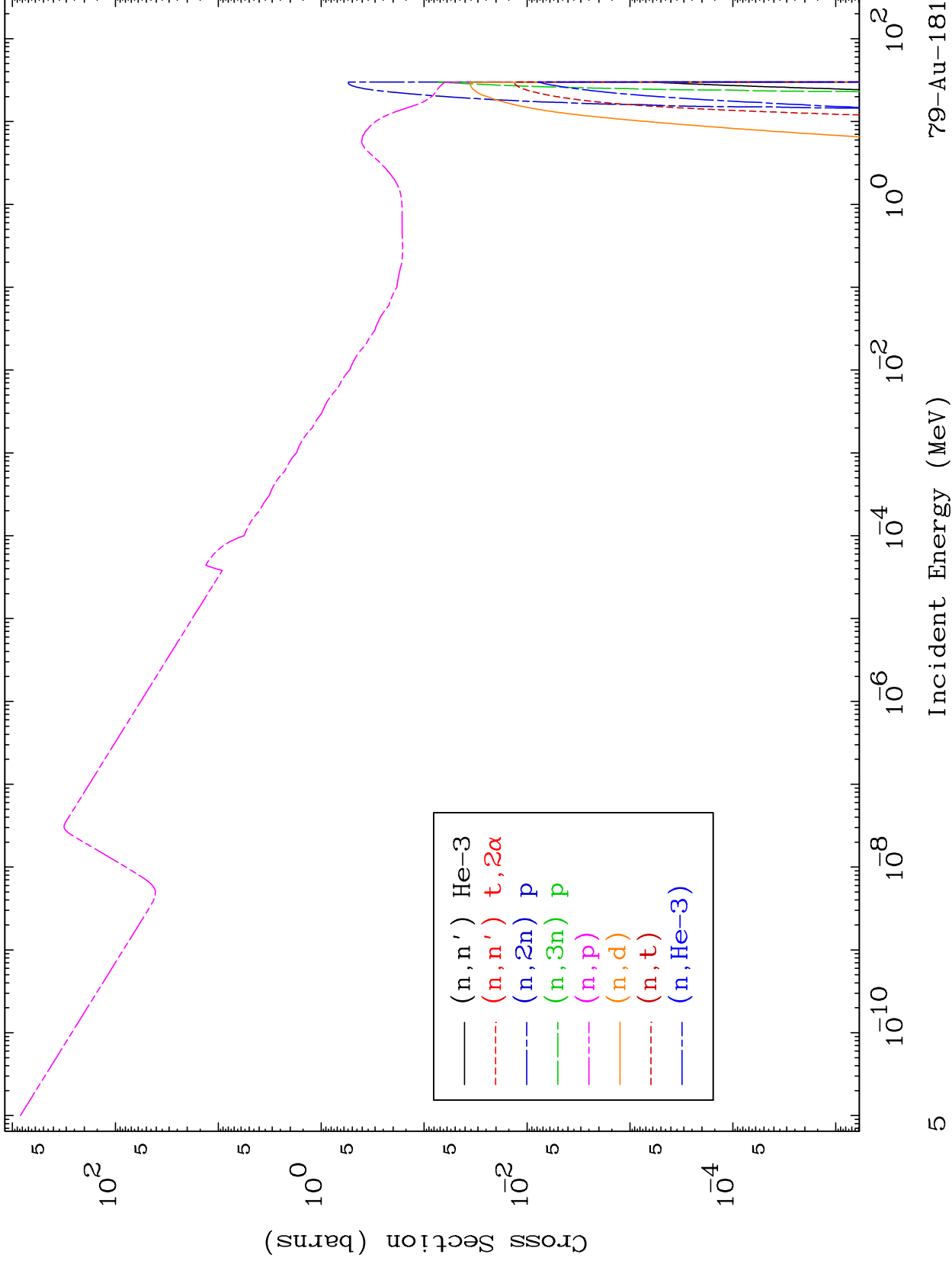
79-Au-181



MAT 7877

Charged Particle
293 Kelvin Cross Sections

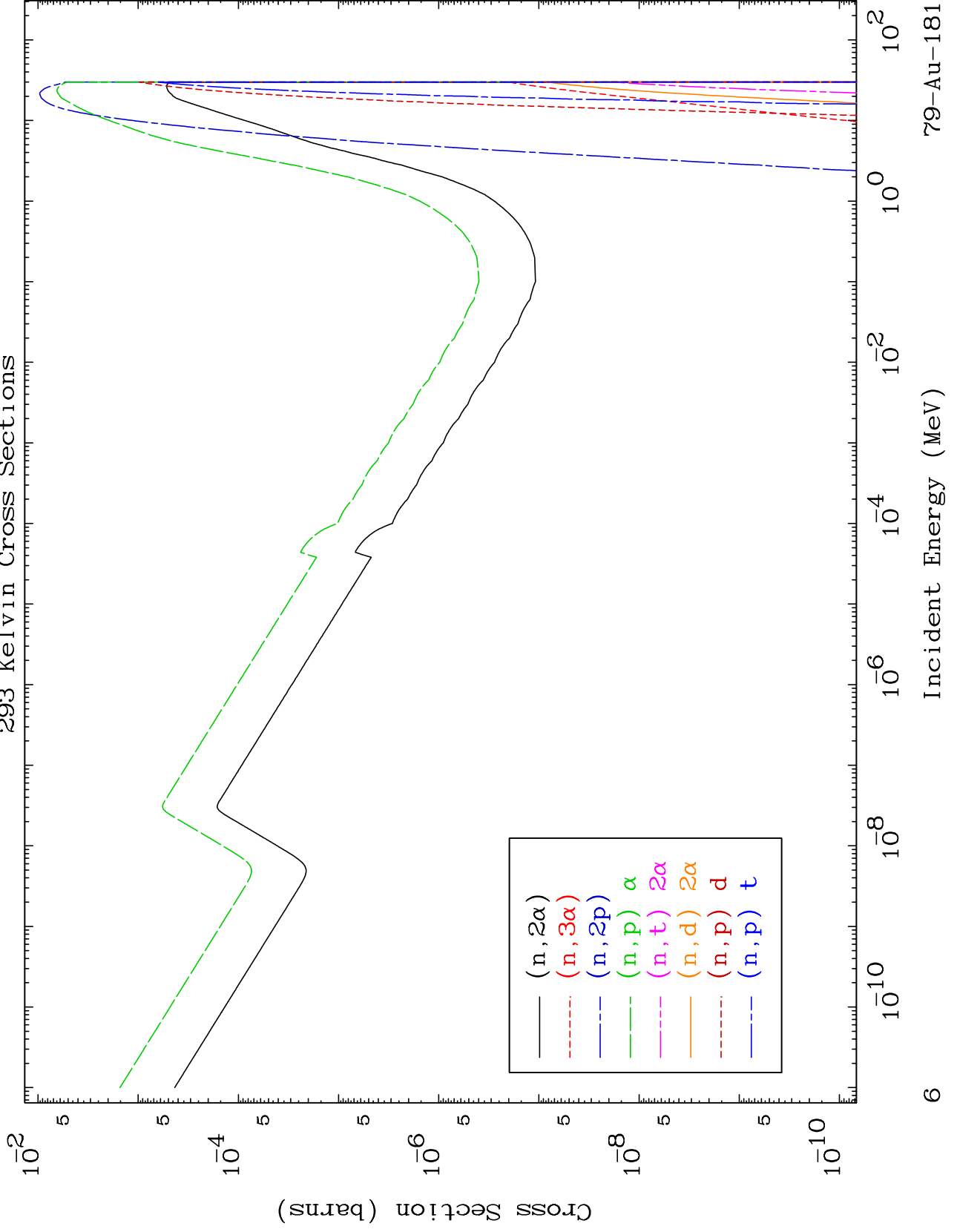
79-Au-181



MAT 78777

Charged Particle
293 Kelvin Cross Sections

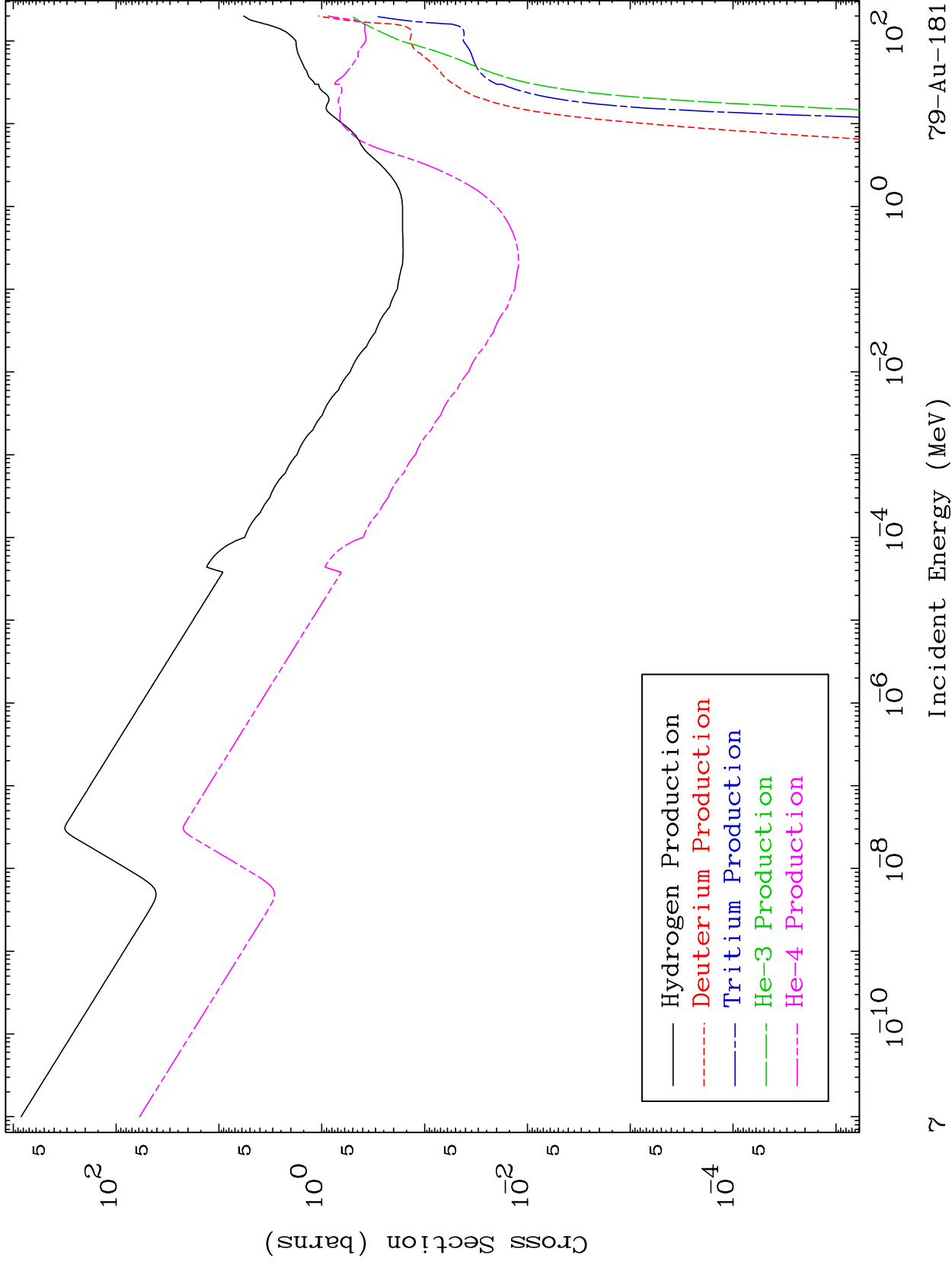
79-Au-181

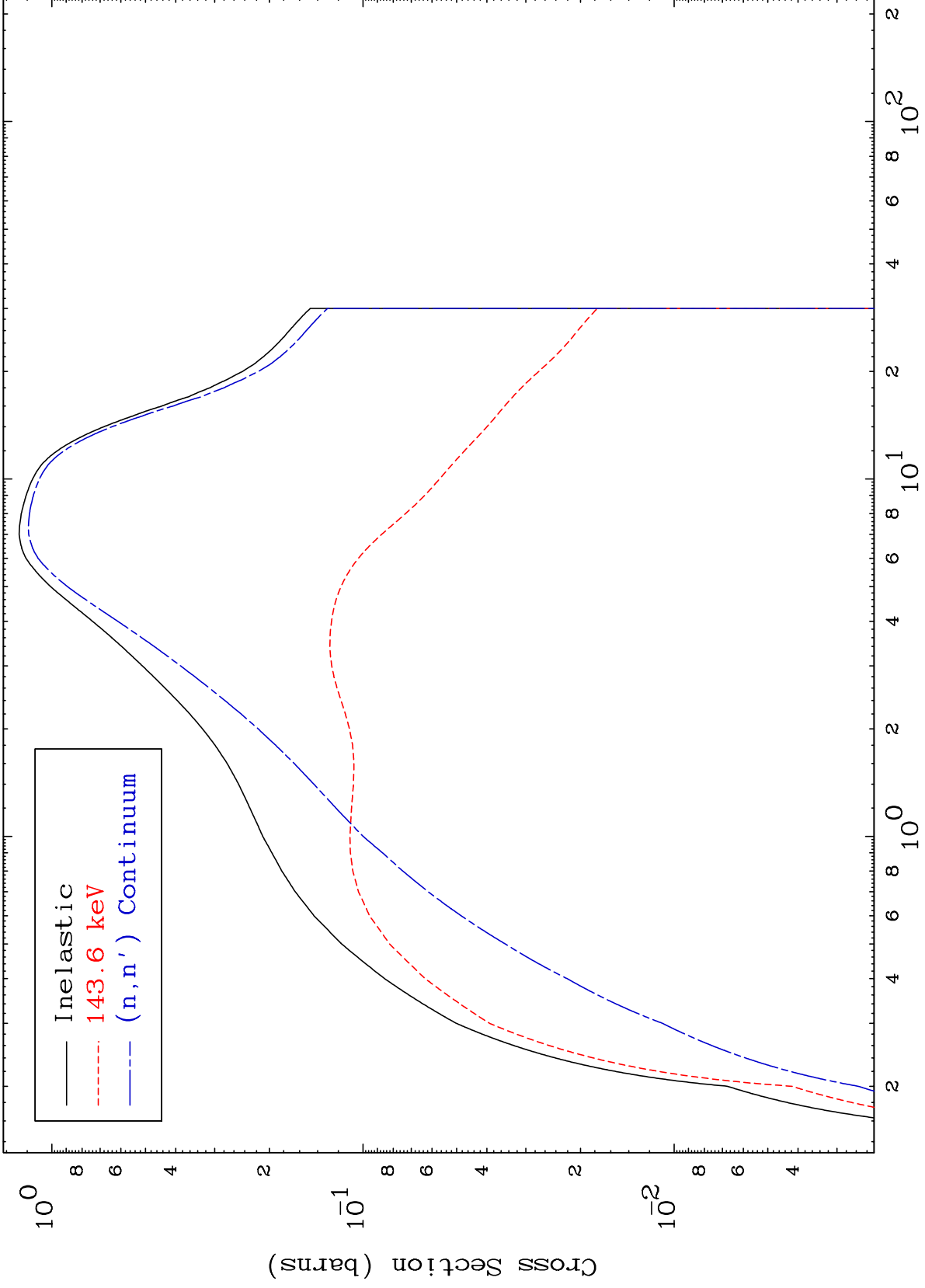


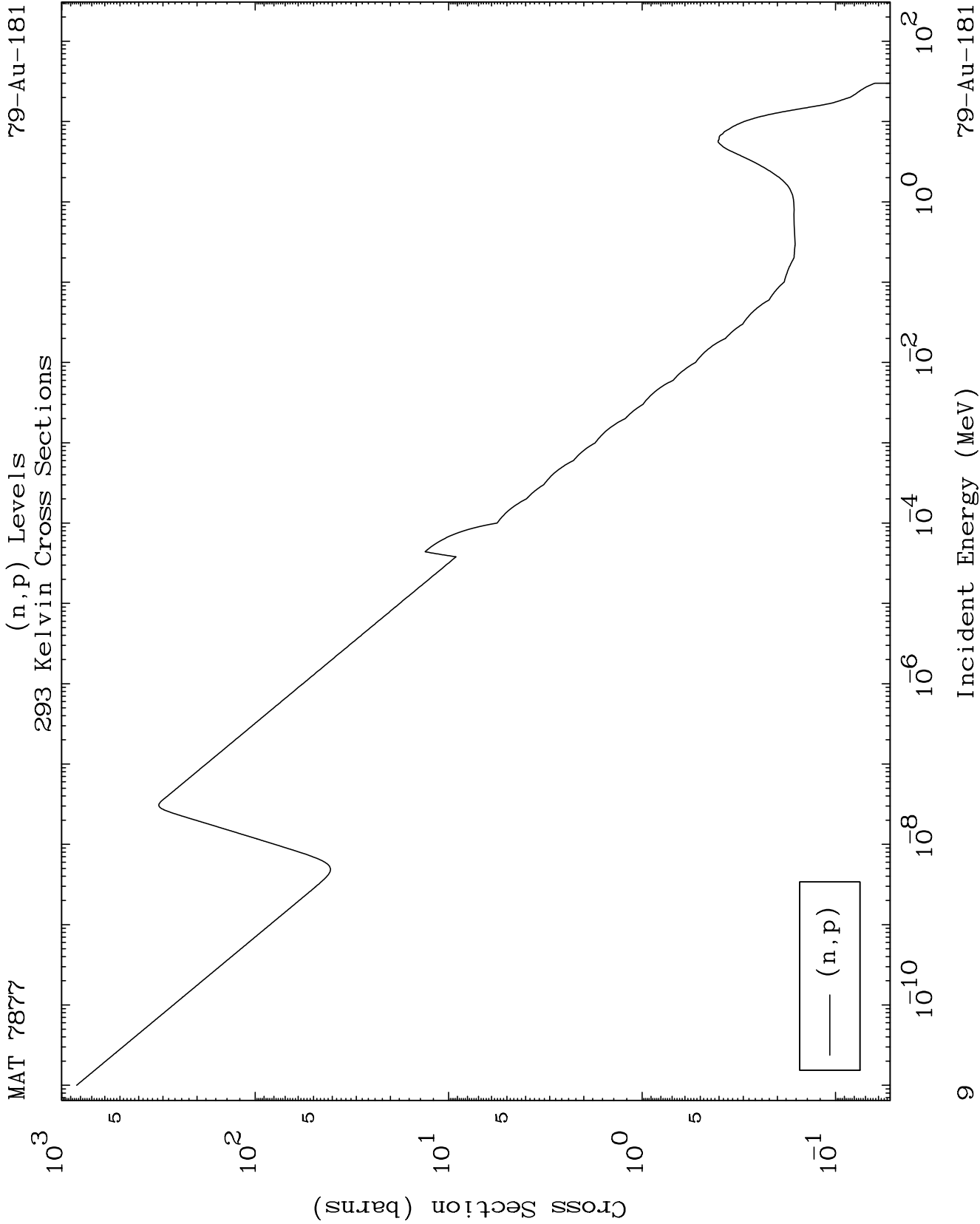
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Particle Production
293 Kelvin Cross Sections

79-Au-181



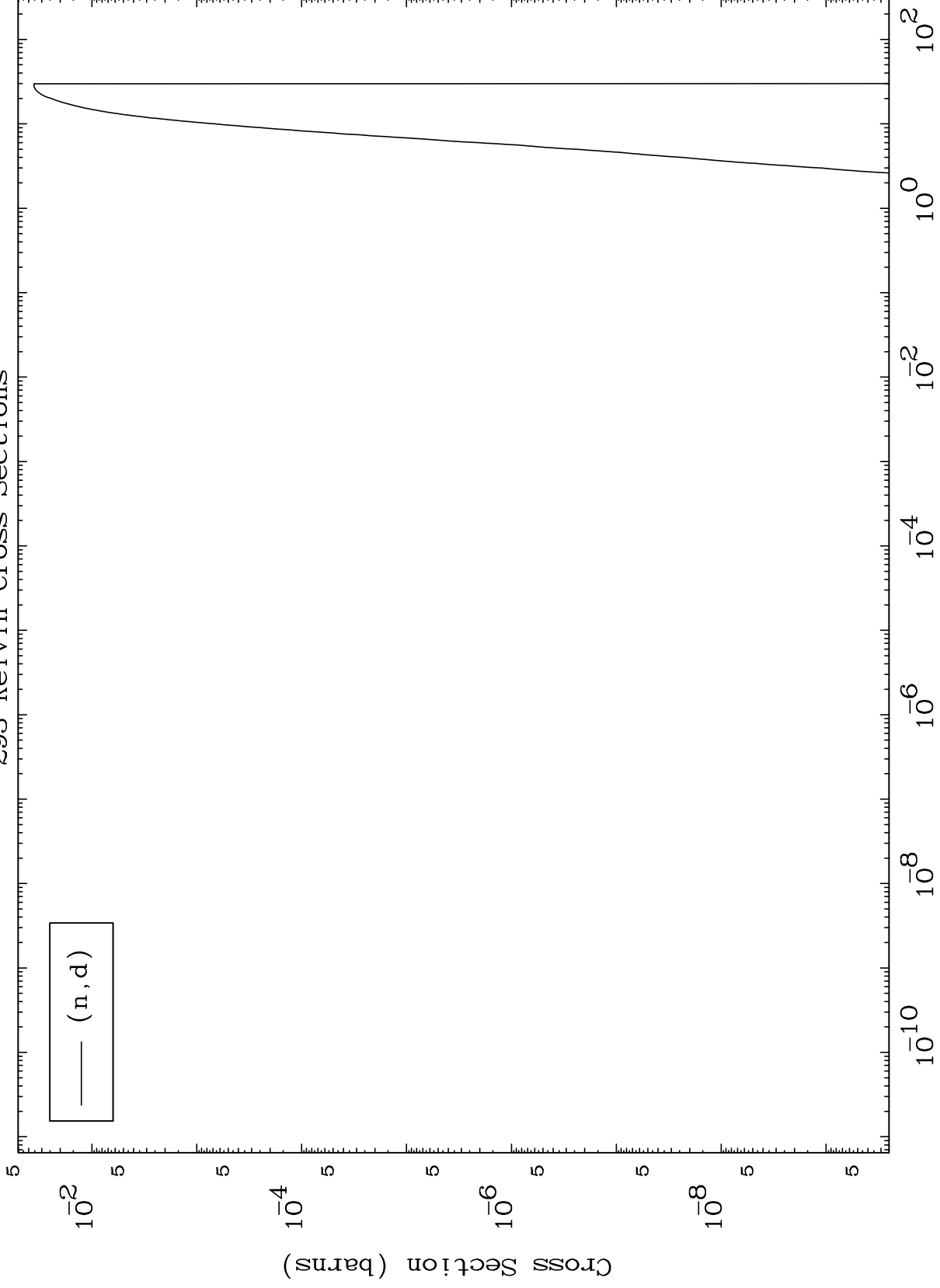




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(n,d) Levels
293 Kelvin Cross Sections

79-Au-181



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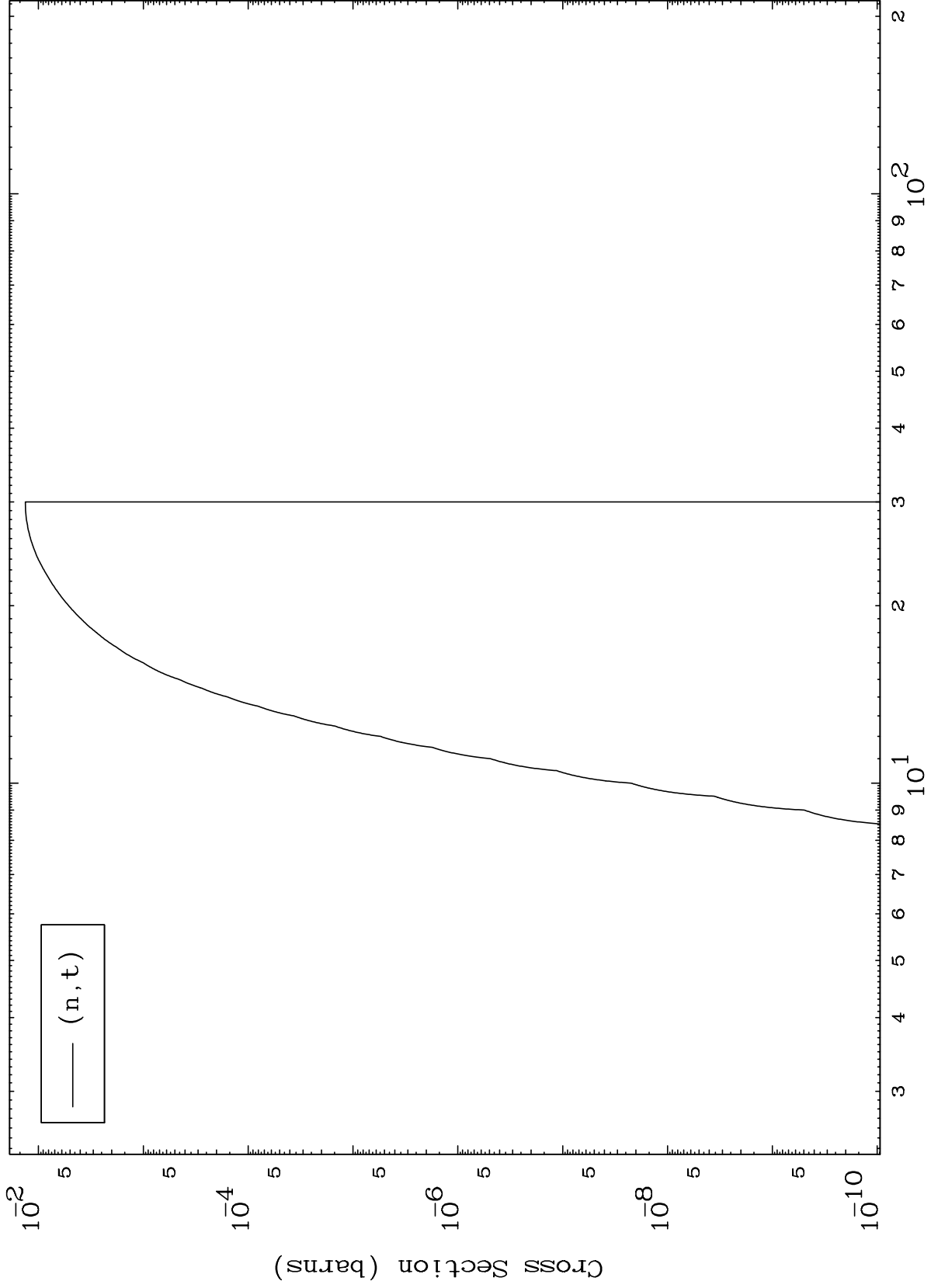
Incident Energy (MeV)

79-Au-181

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(n,t) Levels
293 Kelvin Cross Sections

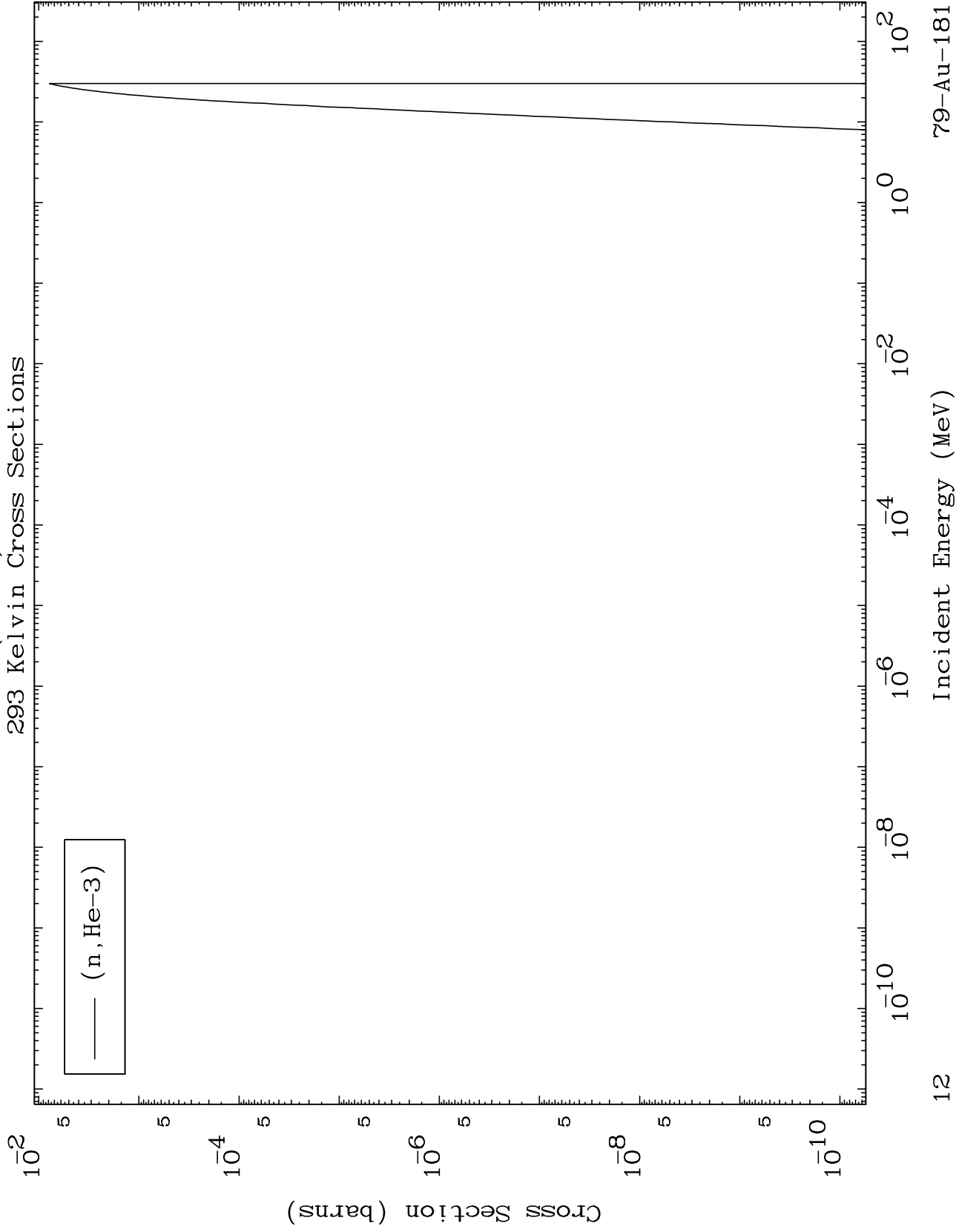
79-Au-181



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(n,He3) Levels
293 Kelvin Cross Sections

79-Au-181



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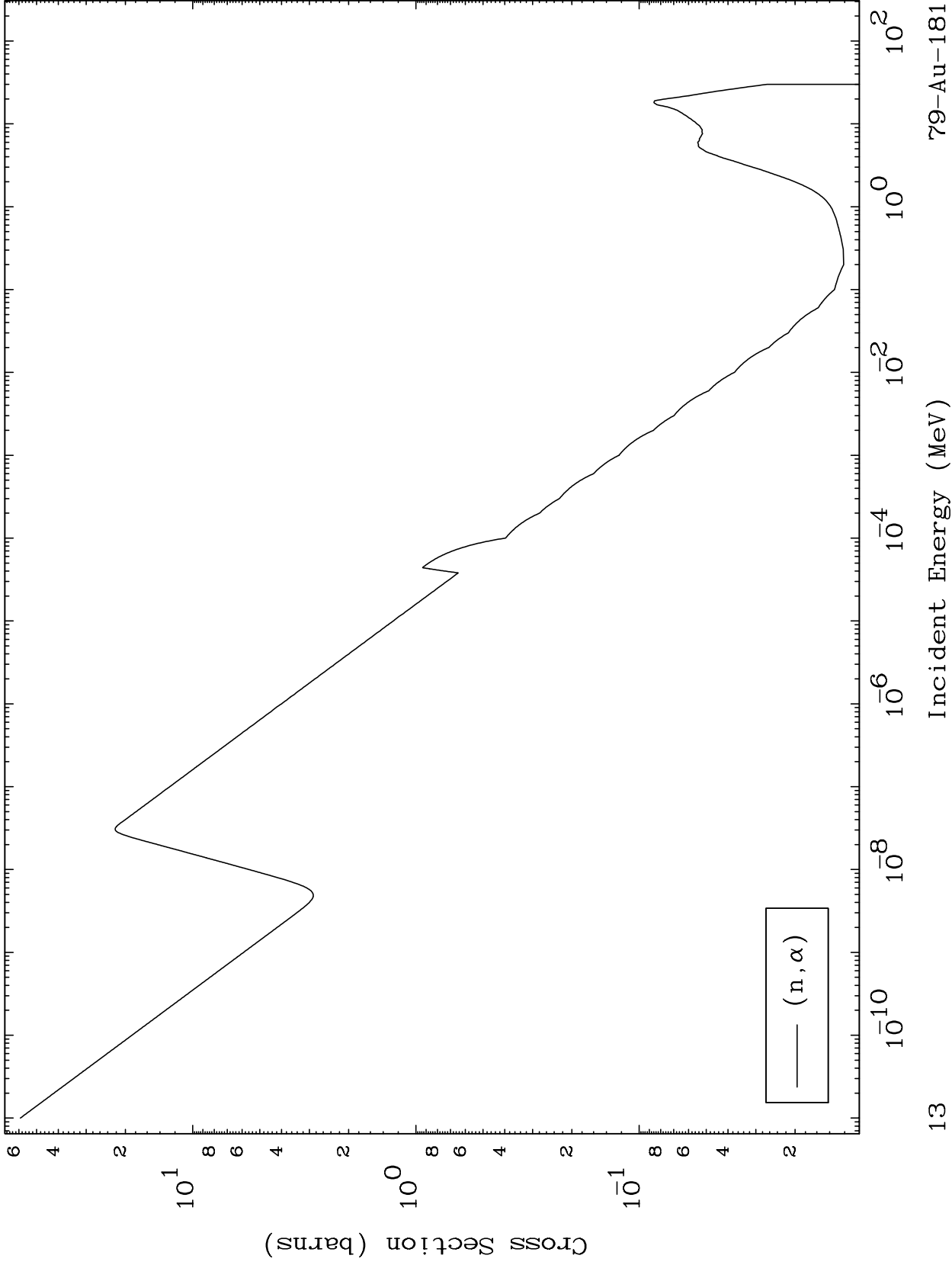
Incident Energy (MeV)

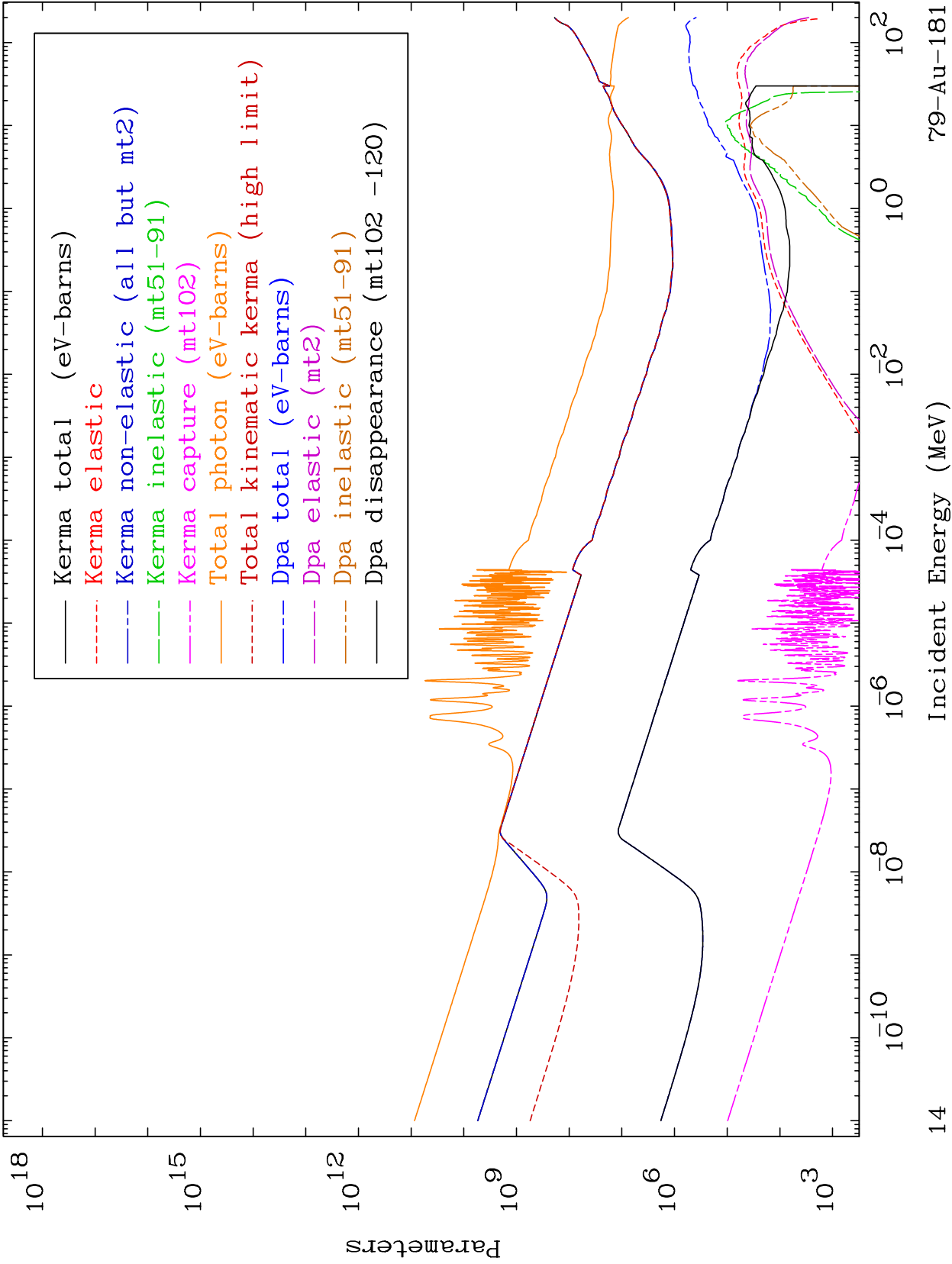
79-Au-181

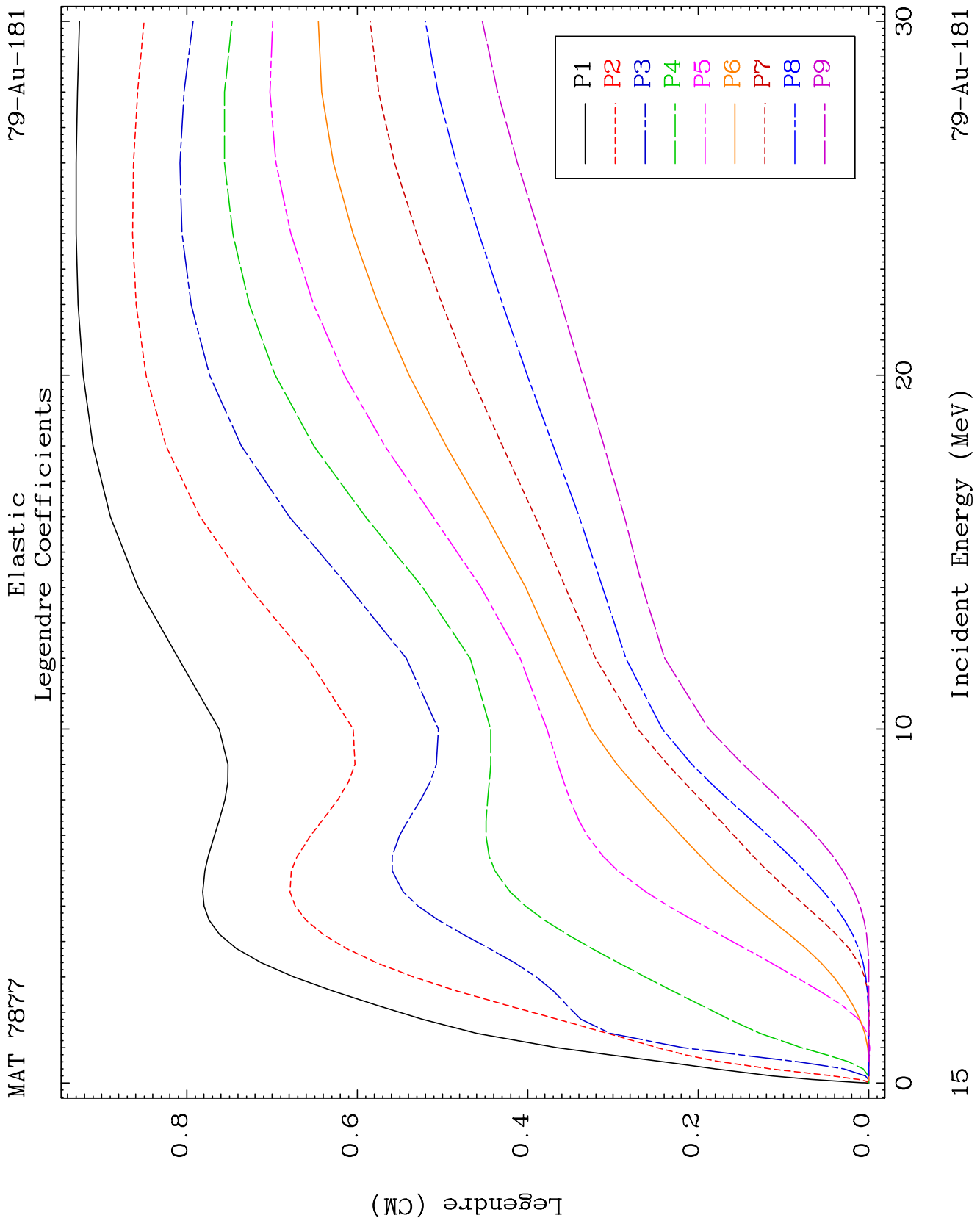
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(n, α) Levels
293 Kelvin Cross Sections

79-Au-181



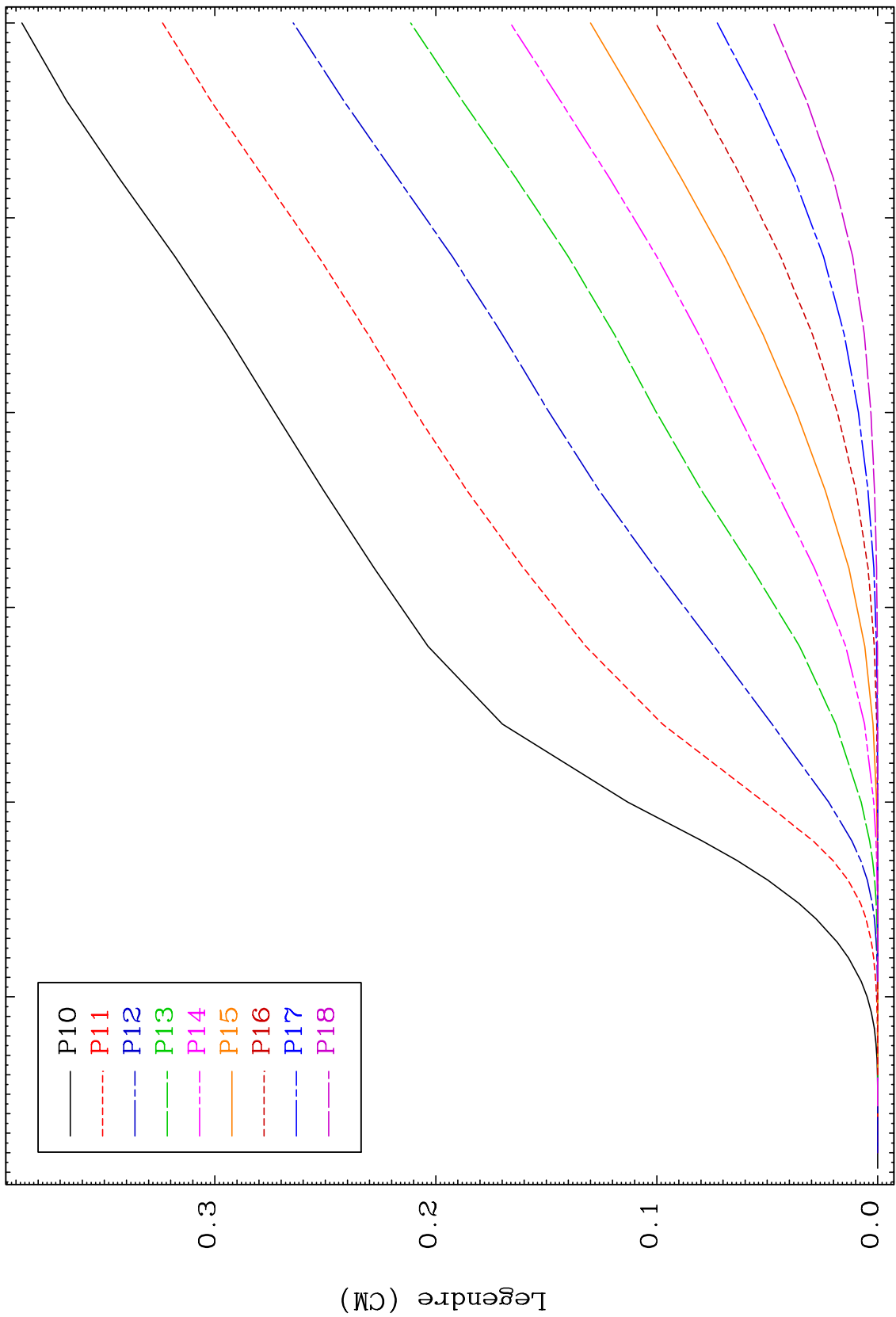




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Elastic Legendre Coefficients

⁷⁹Au-181



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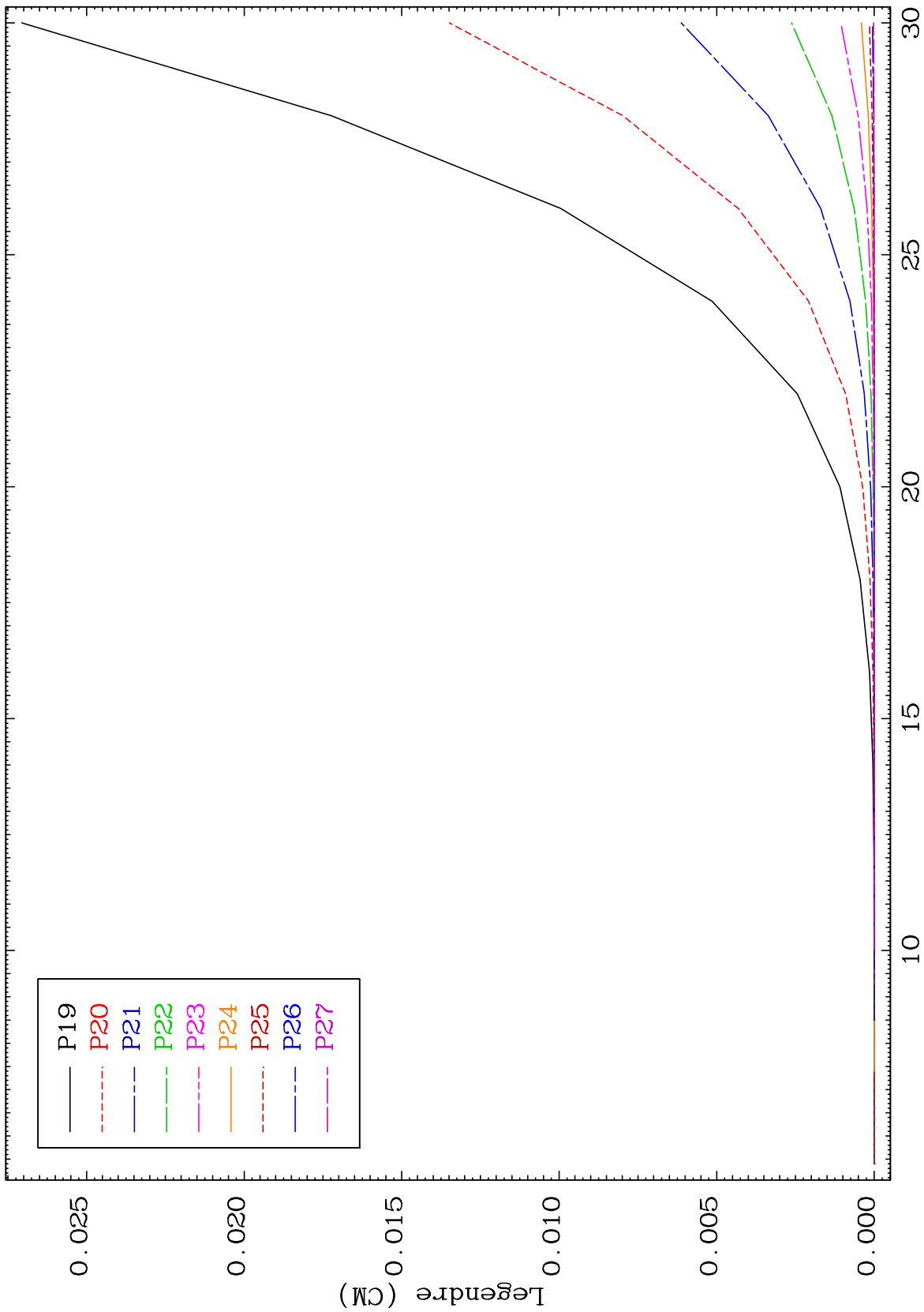
⁷⁹Au-181

Incident Energy (MeV)

MAT 7877

Elastic Legendre Coefficients

79-Au-181



17

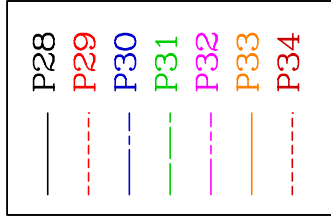
Incident Energy (MeV)

79-Au-181

MAT 7877

Elastic
Legendre Coefficients

79-Au-181



$\times 10^{-6}$

Legendre (CM)

6

4

2

0

15

20

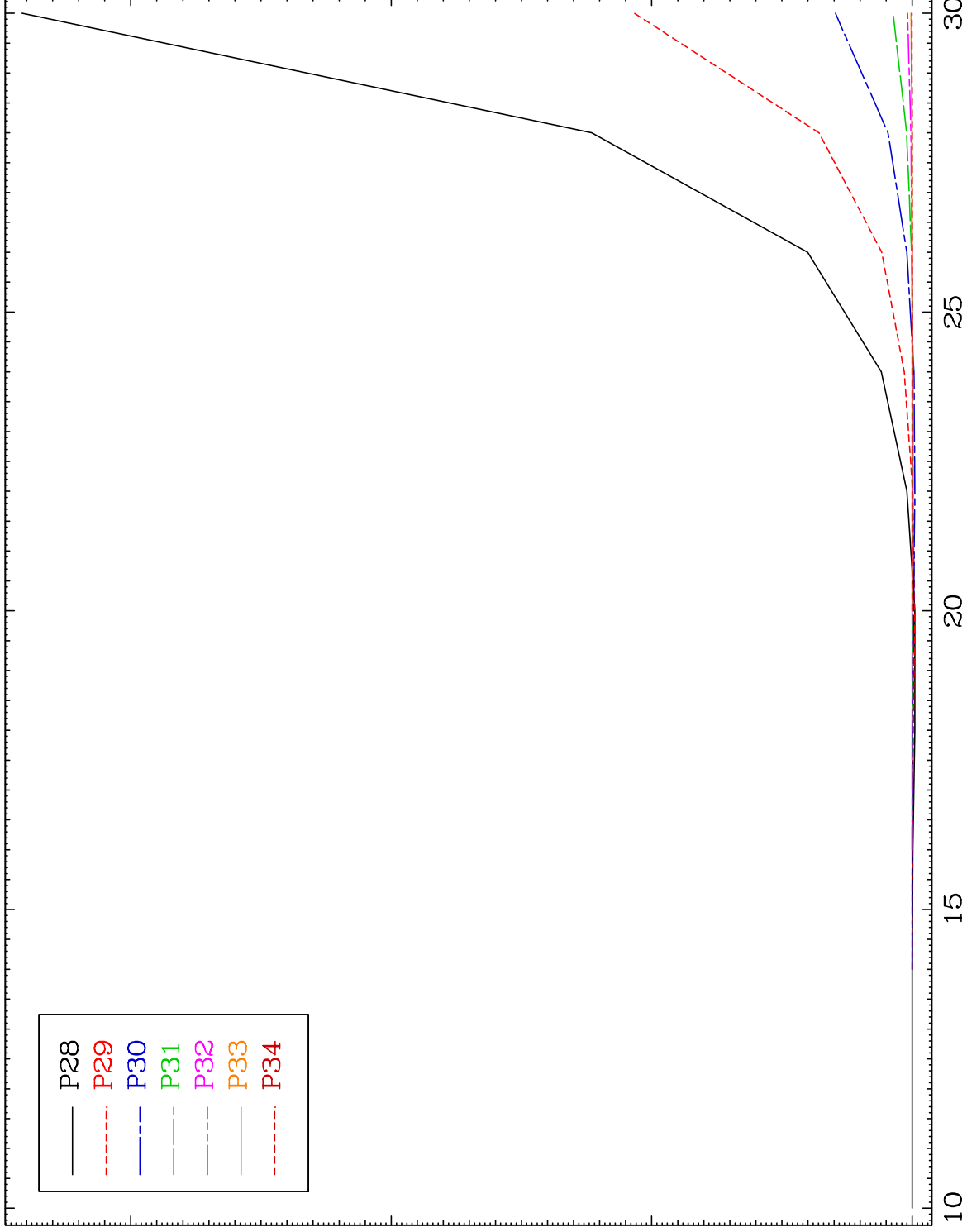
25

30

18

Incident Energy (MeV)

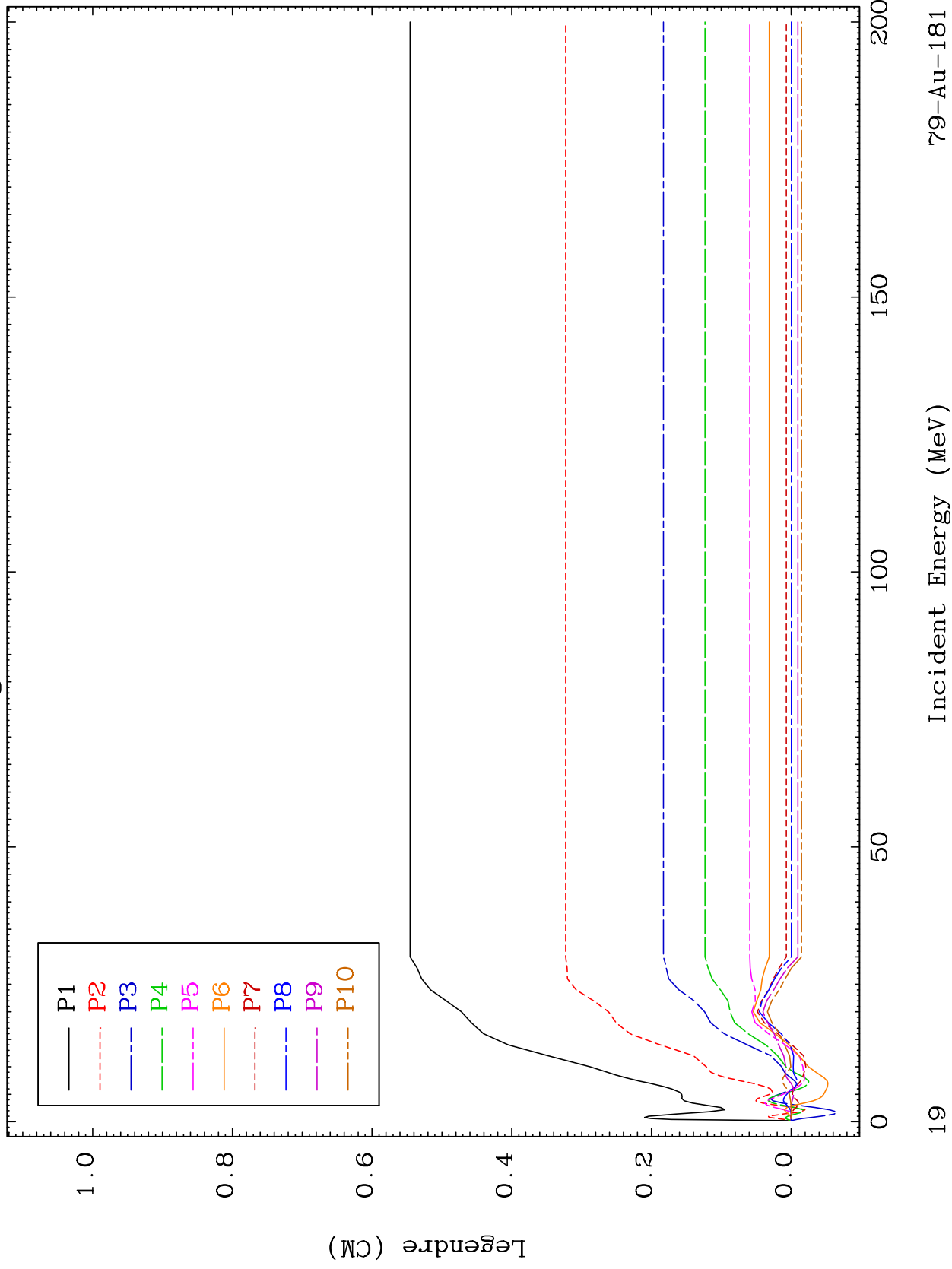
79-Au-181



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143.6 keV (n, n') Level
Legendre Coefficients

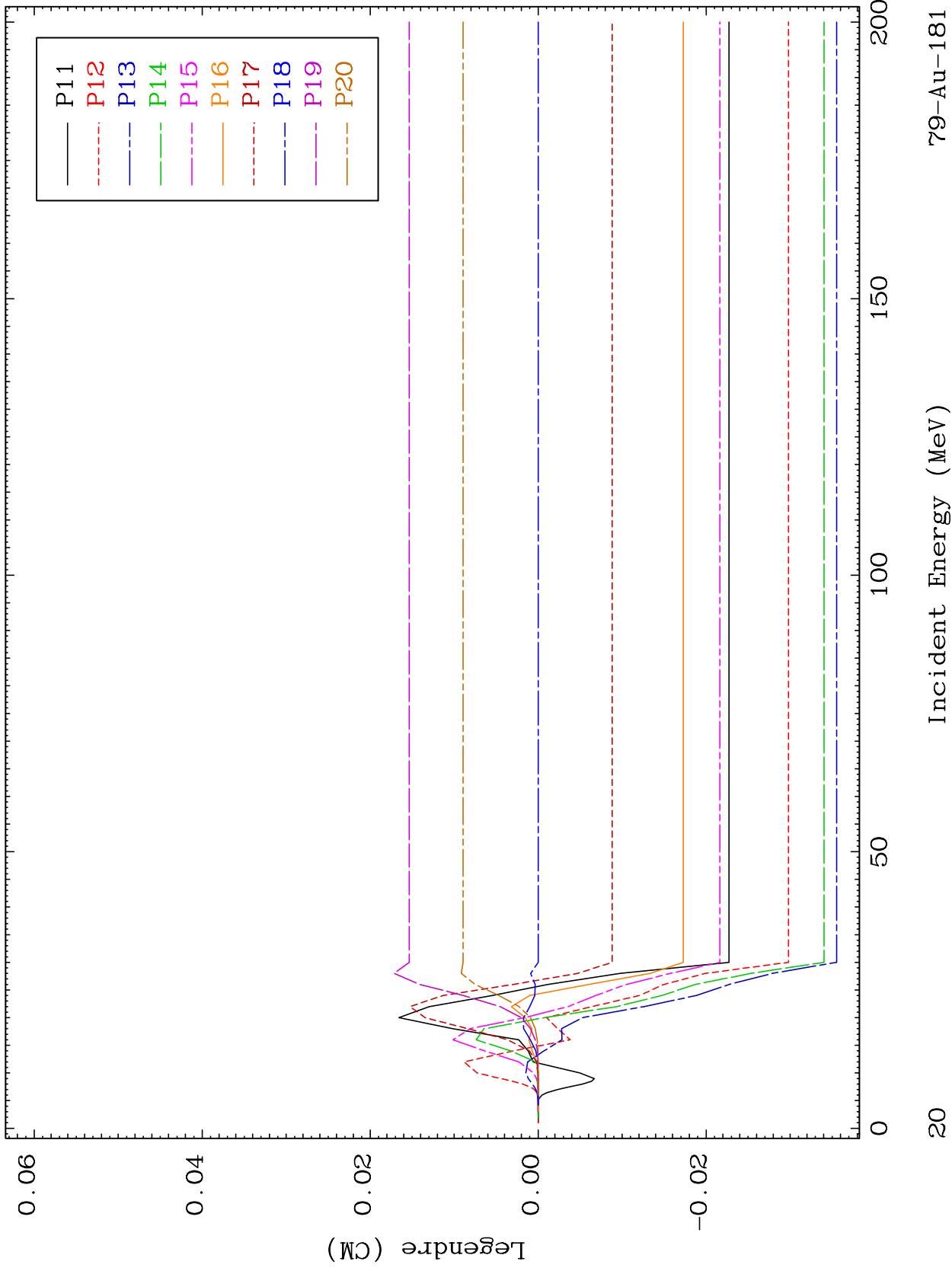
79-Au-181

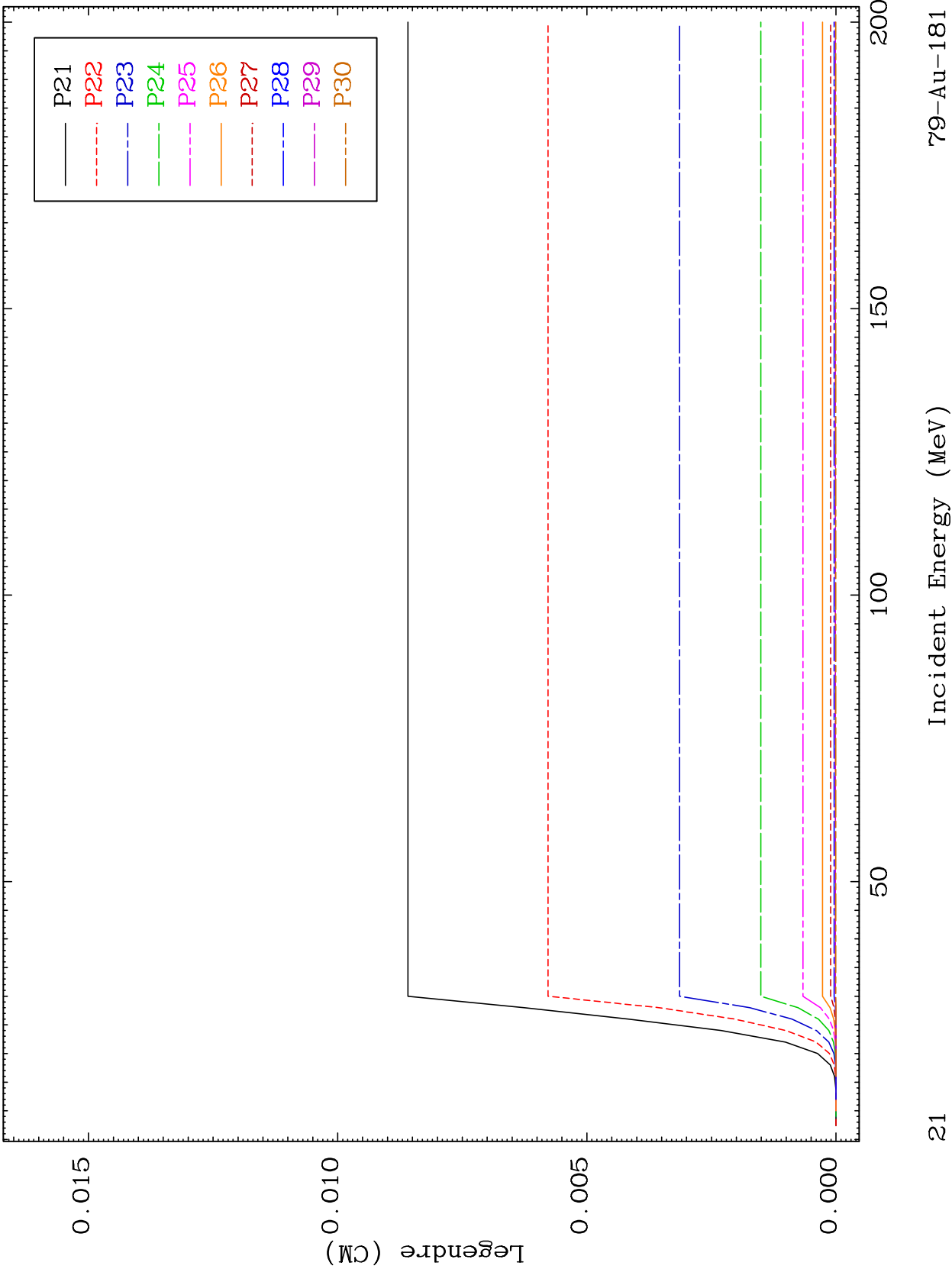


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143.6 keV (n,n') Level
Legendre Coefficients

79-Au-181

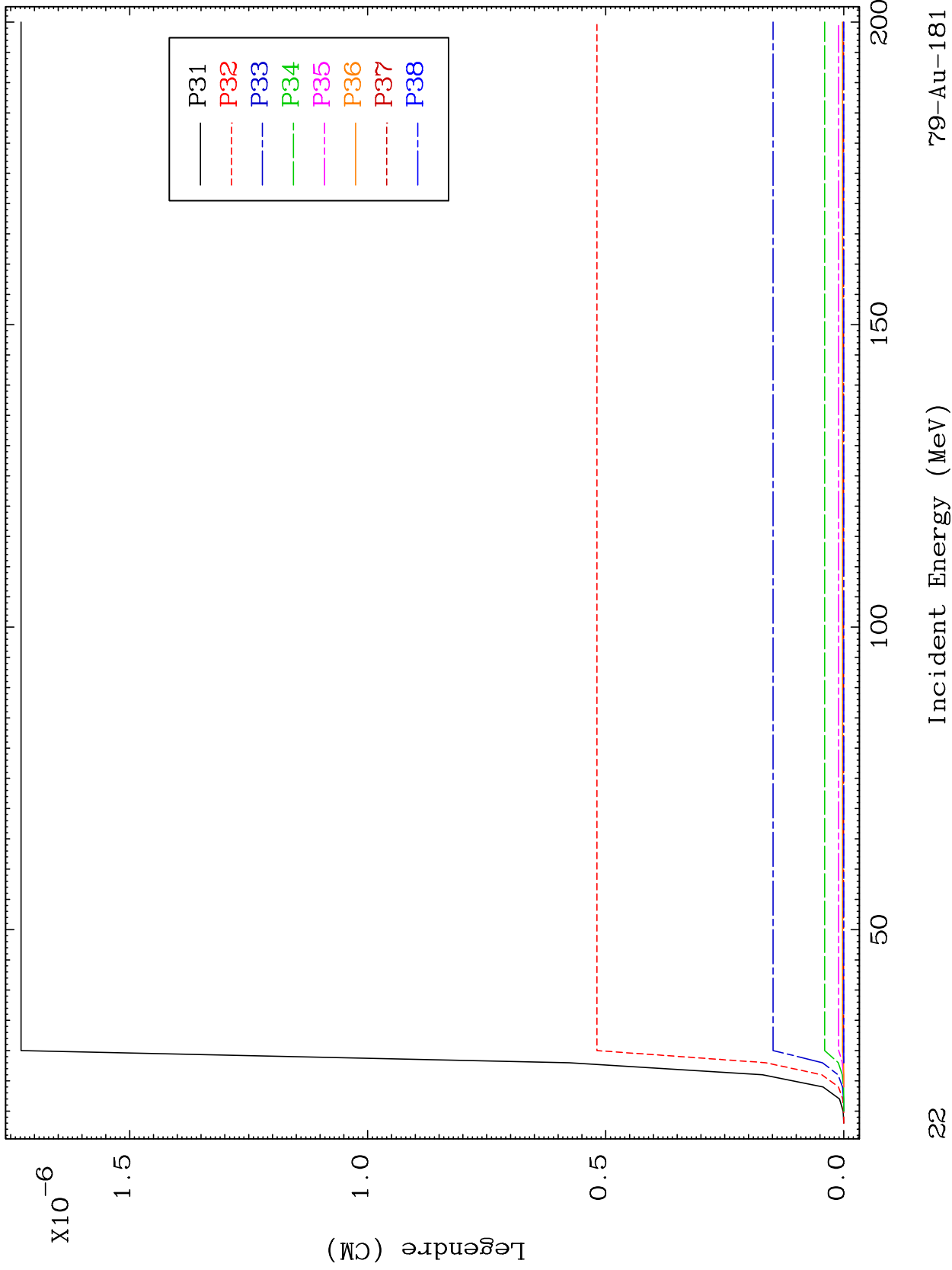




MAT 7877

143.6 keV (n,n') Level
Legendre Coefficients

79-Au-181



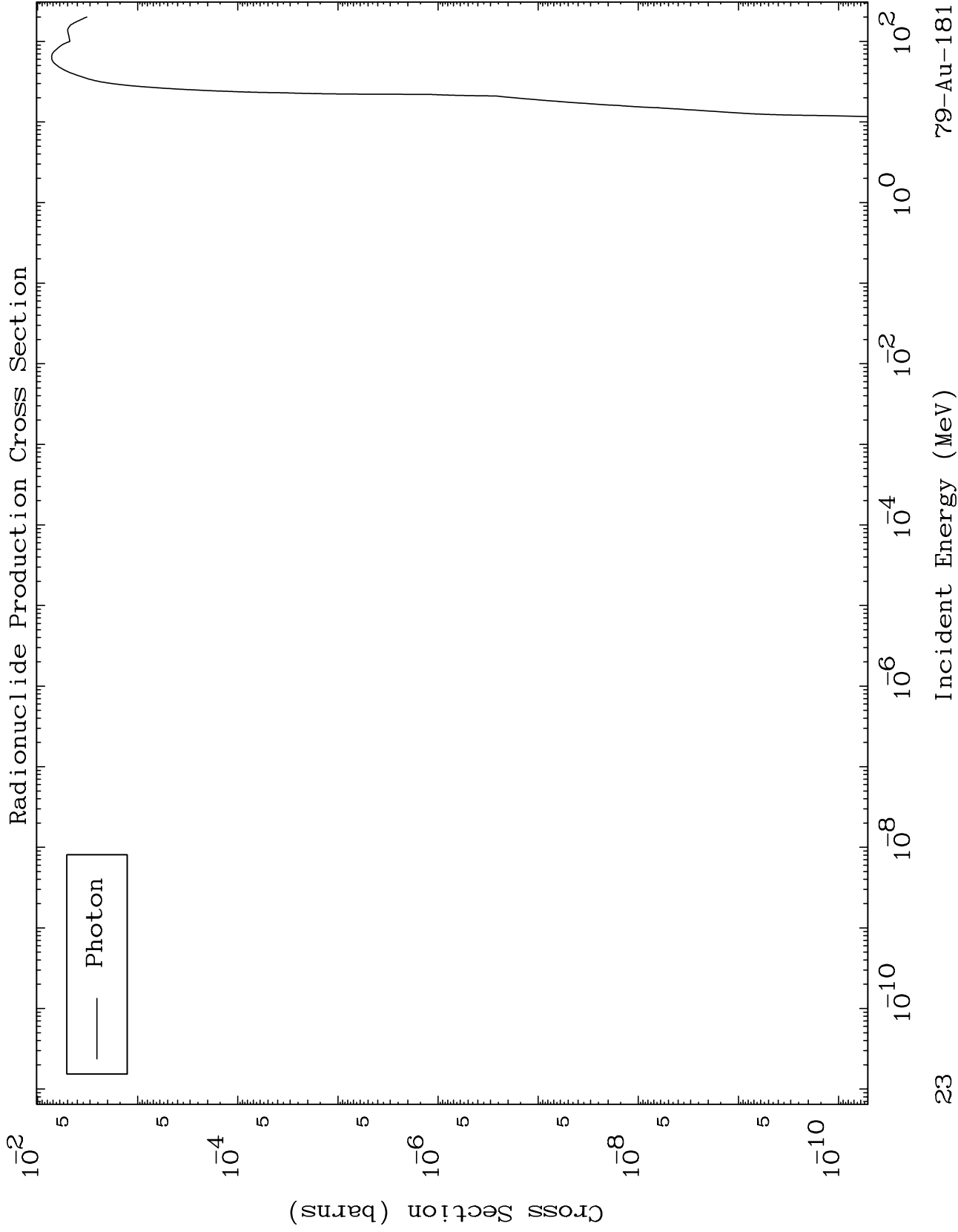
22

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Fission

⁷⁹Au-181

Radionuclide Production Cross Section



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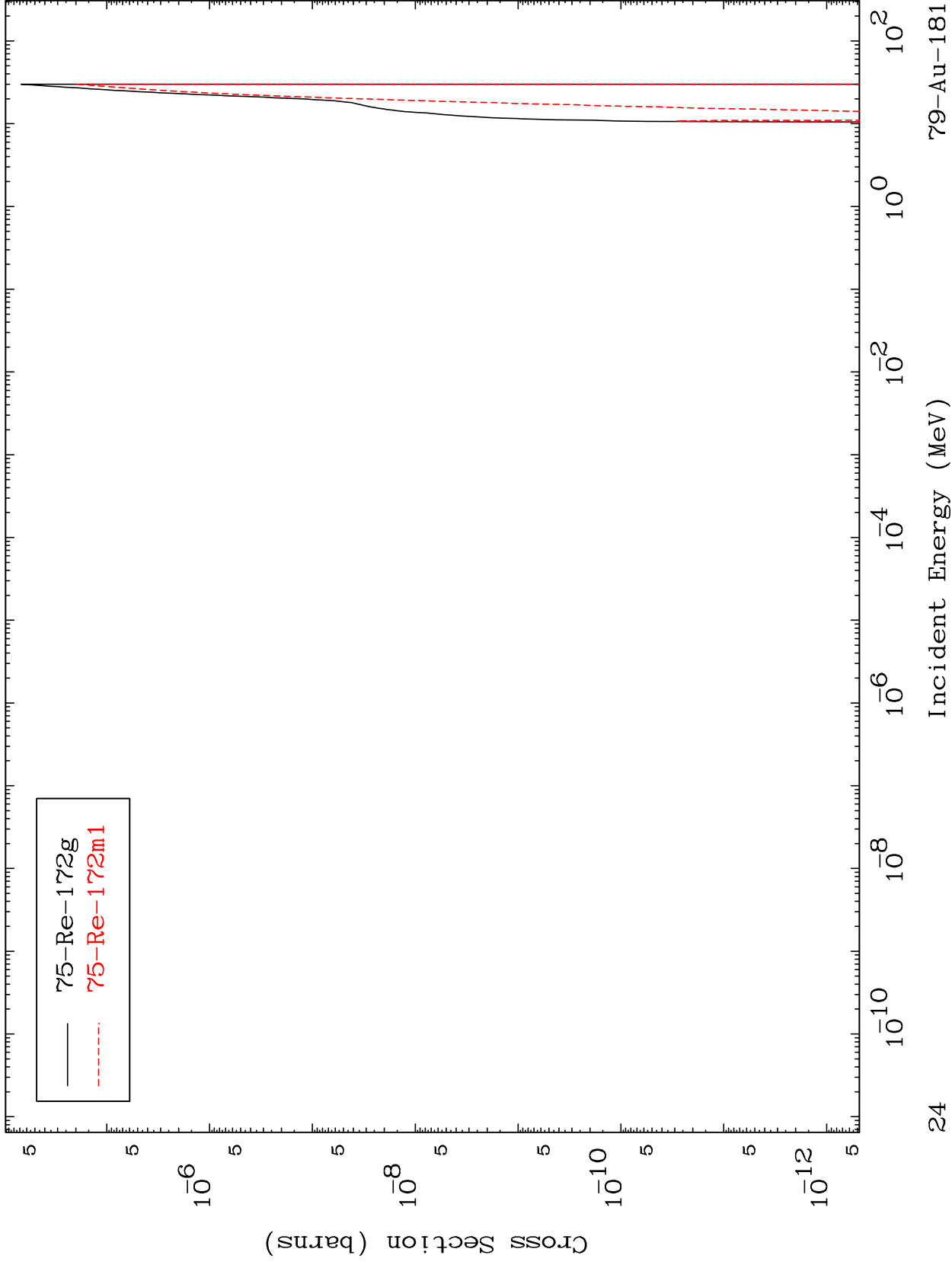
⁷⁹Au-181

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(n,2n) 2 α

79-Au-181

Radionuclide Production Cross Section



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Incident Energy (MeV)

79-Au-181