

Program EVALPLOT
(Version 2018-1)

by

Dermott E. Cullen
(Present Contact Information)

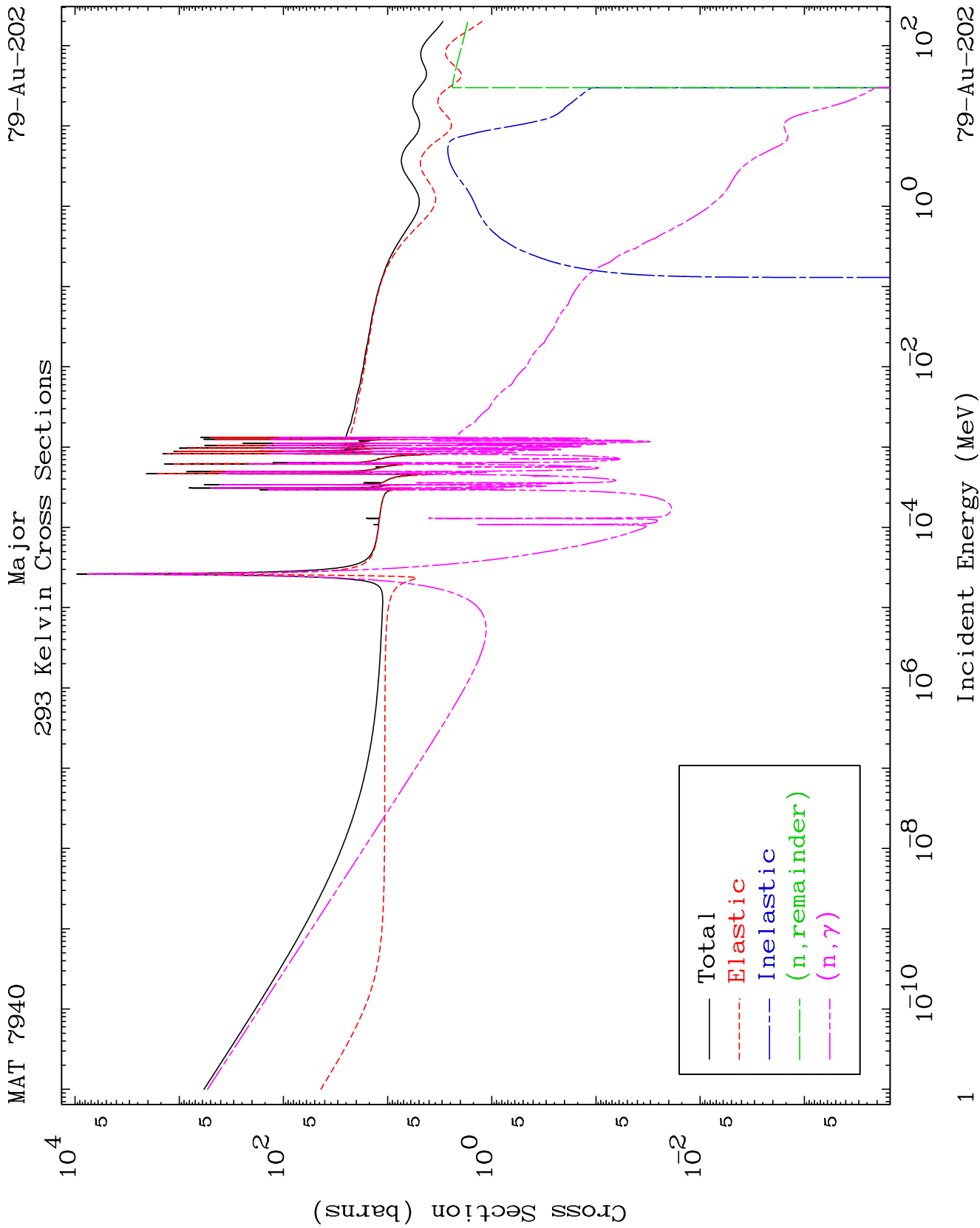
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E.Mail:redcullen1@comcast.net

Web:redcullen1.net/HOMEPAGE.NEW

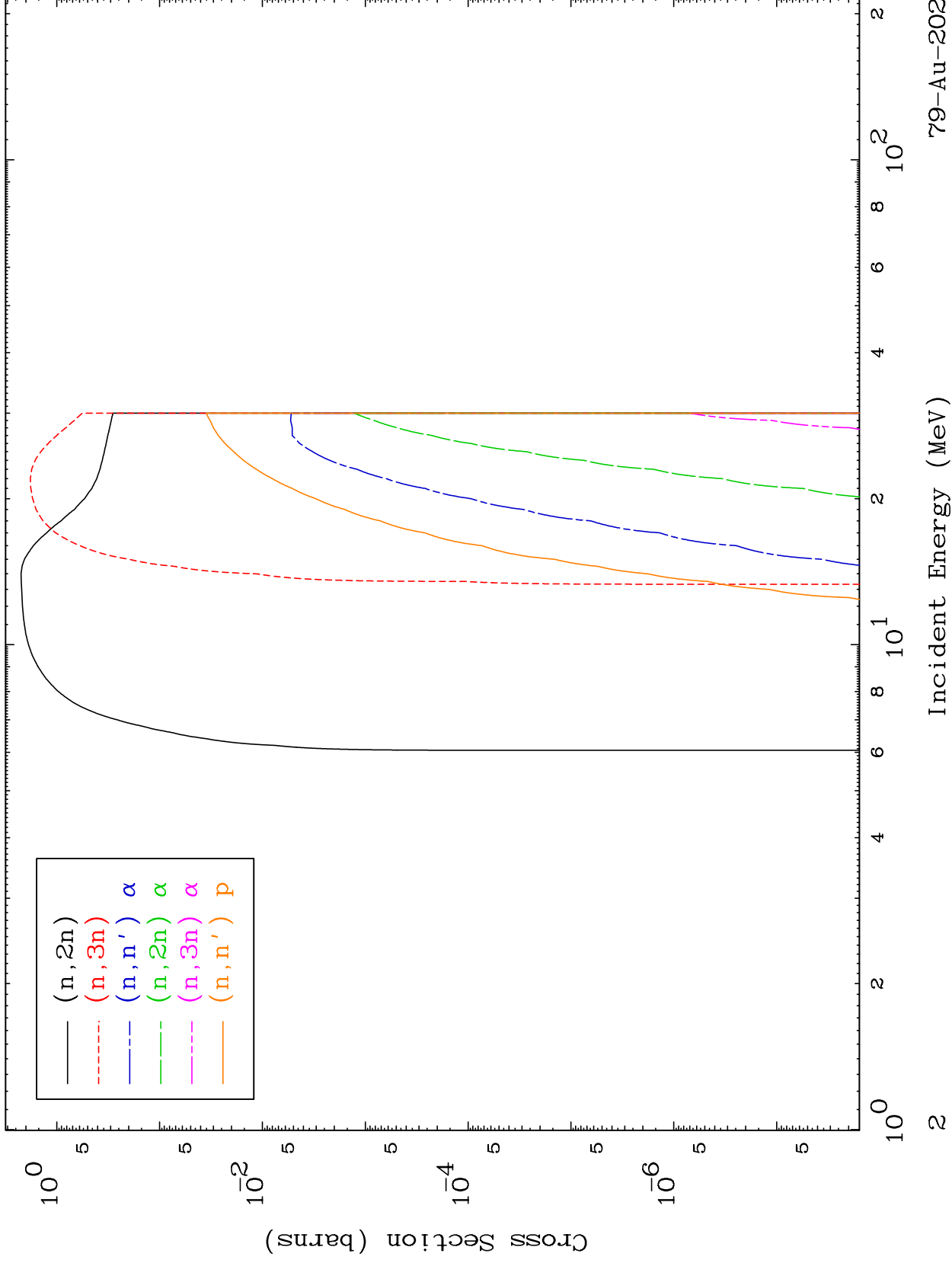
Press Mouse Button to Start



MAT 7940

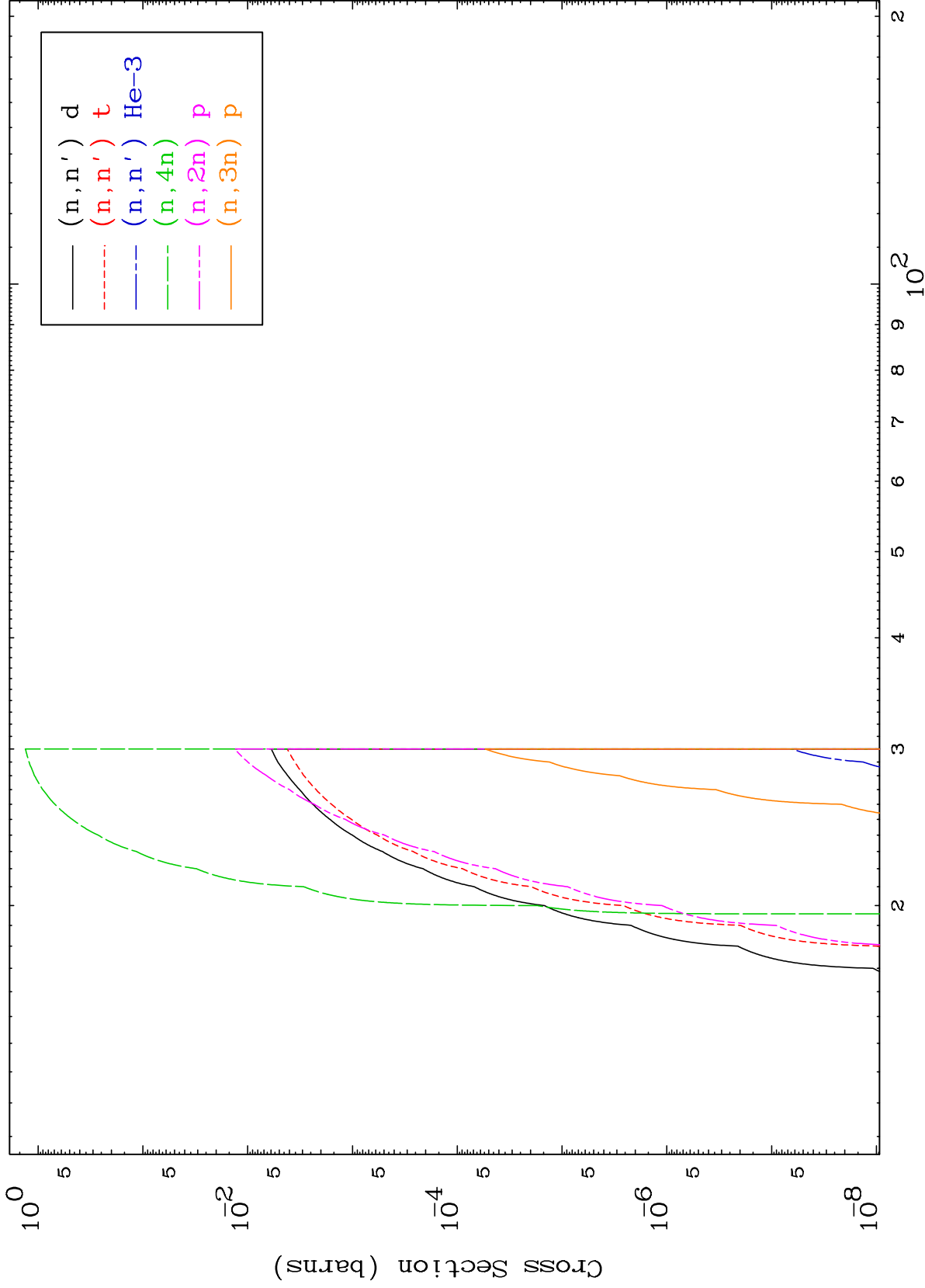
Neutron Production
293 Kelvin Cross Sections

79-Au-202



79-Au-202

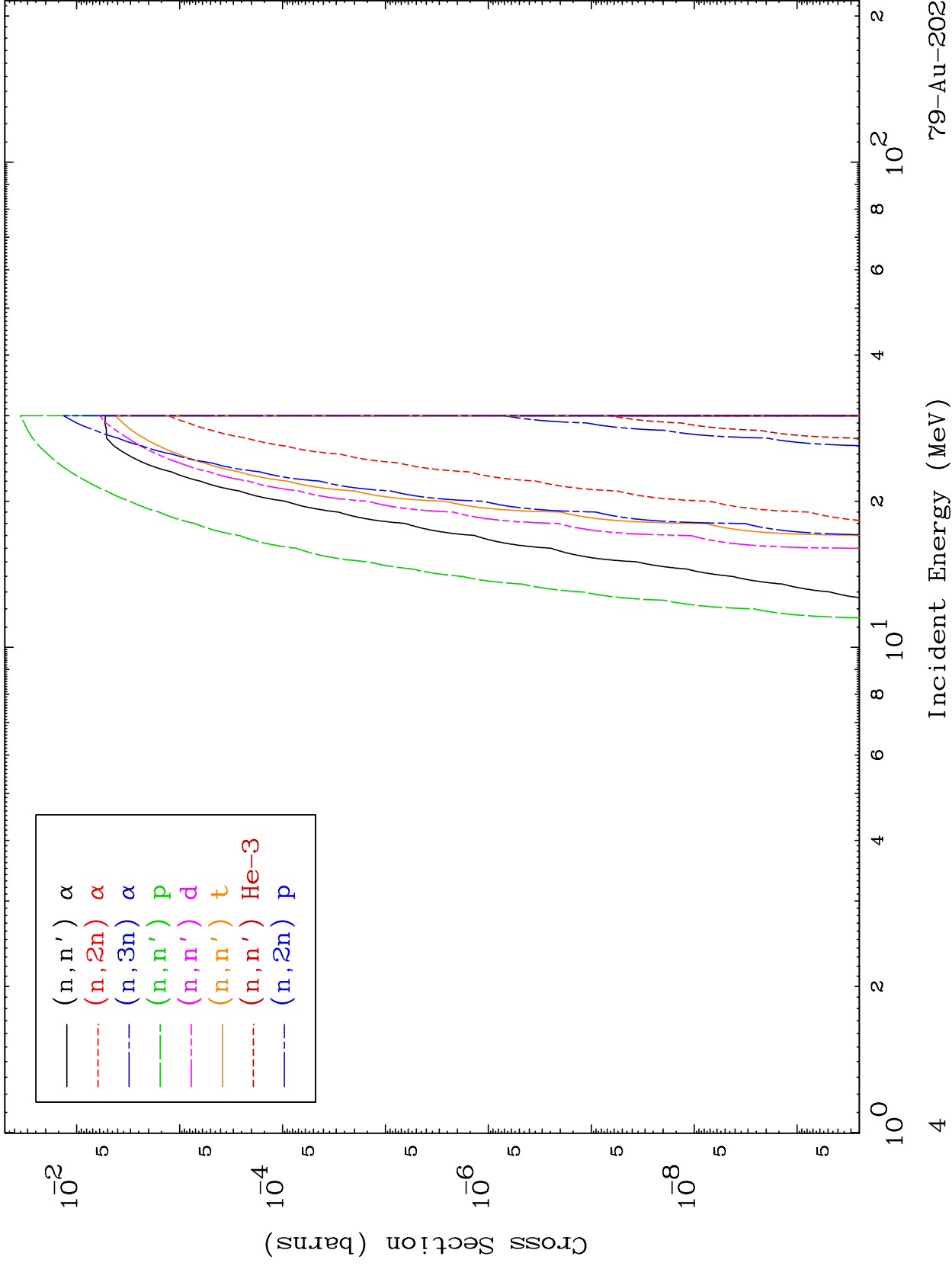
Incident Energy (MeV)



MAT 7940

Charged Particle
293 Kelvin Cross Sections

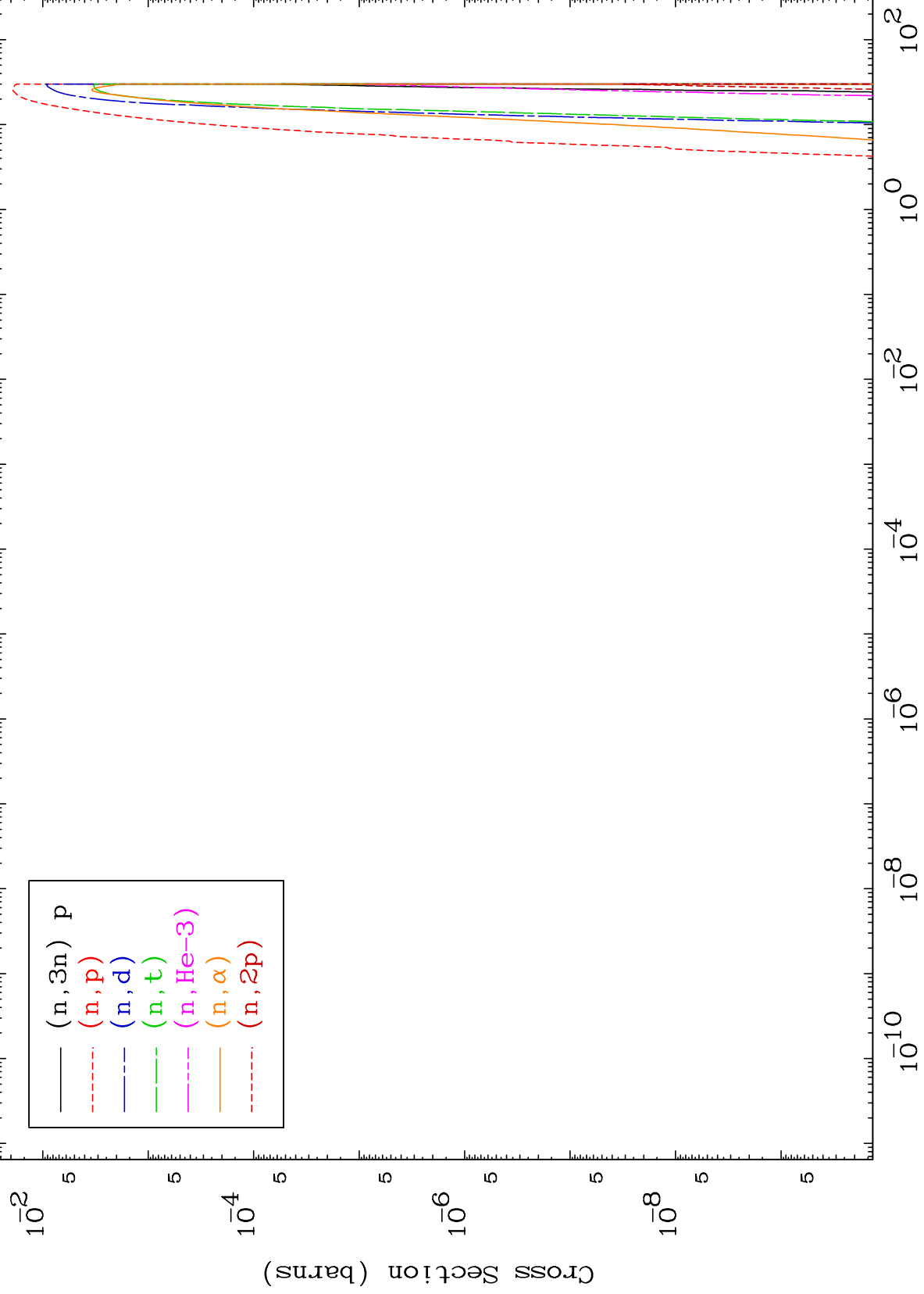
79-Au-202



MAT 7940

Charged Particle
293 Kelvin Cross Sections

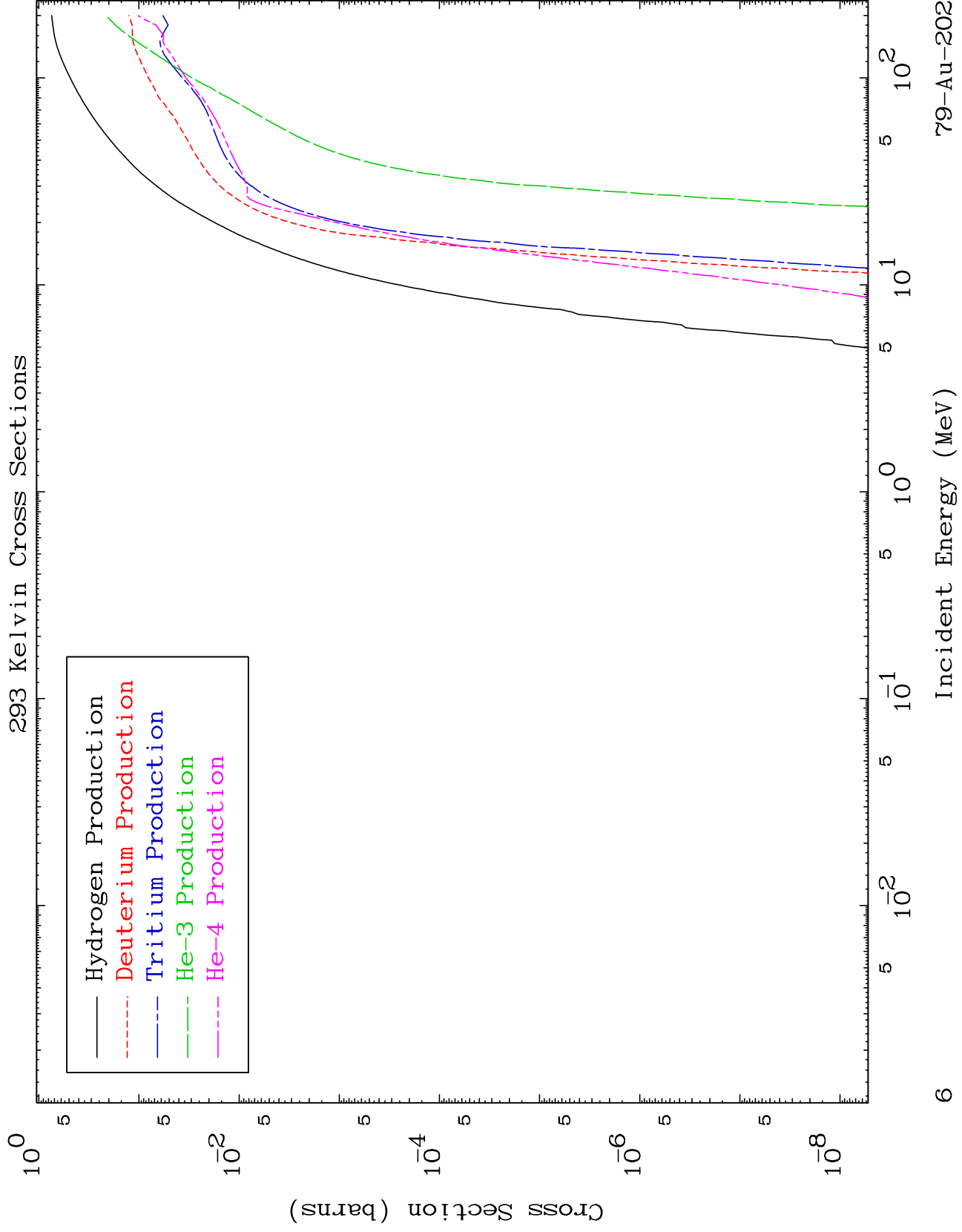
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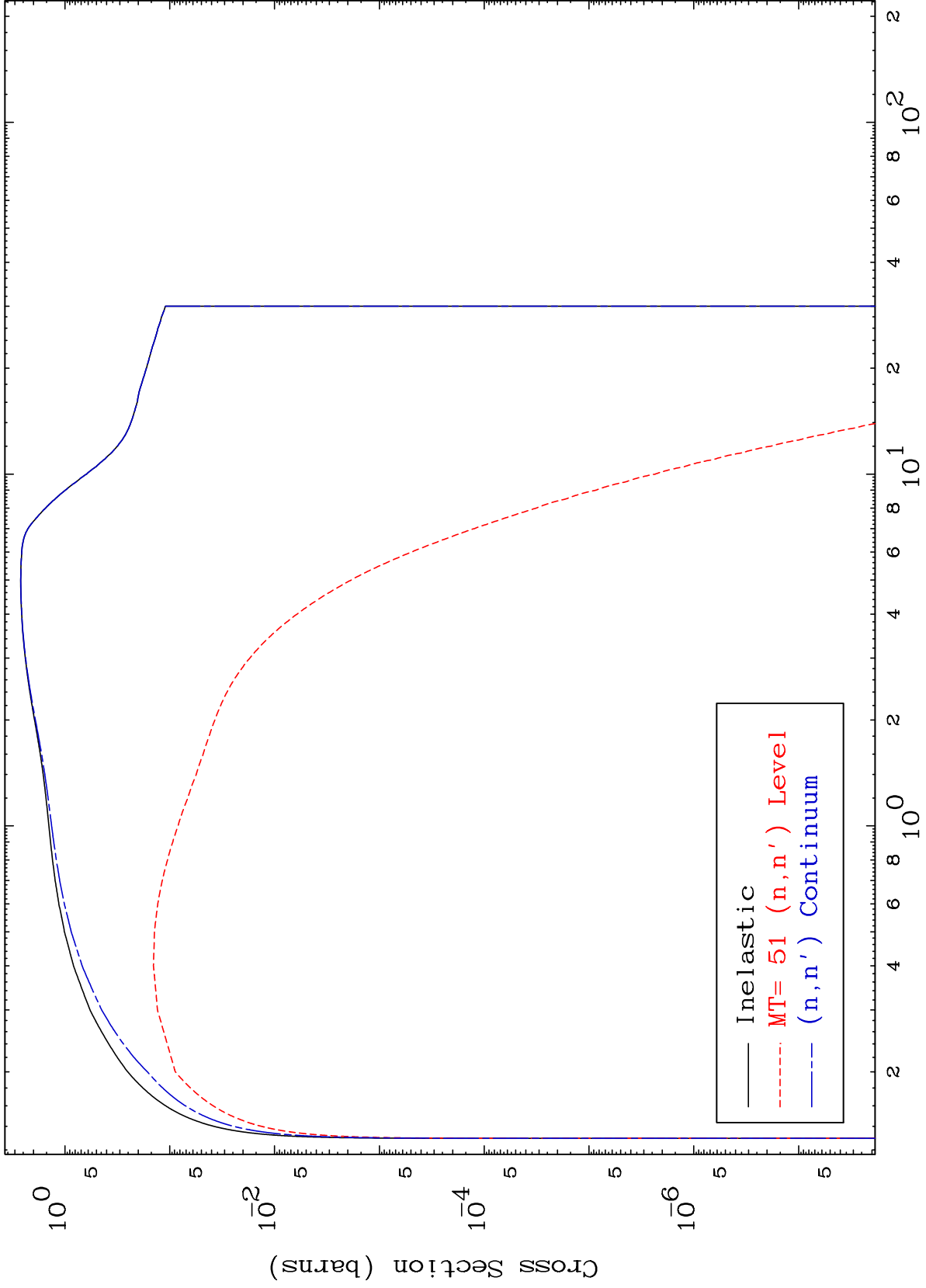


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Particle Production
293 Kelvin Cross Sections

79-Au-202

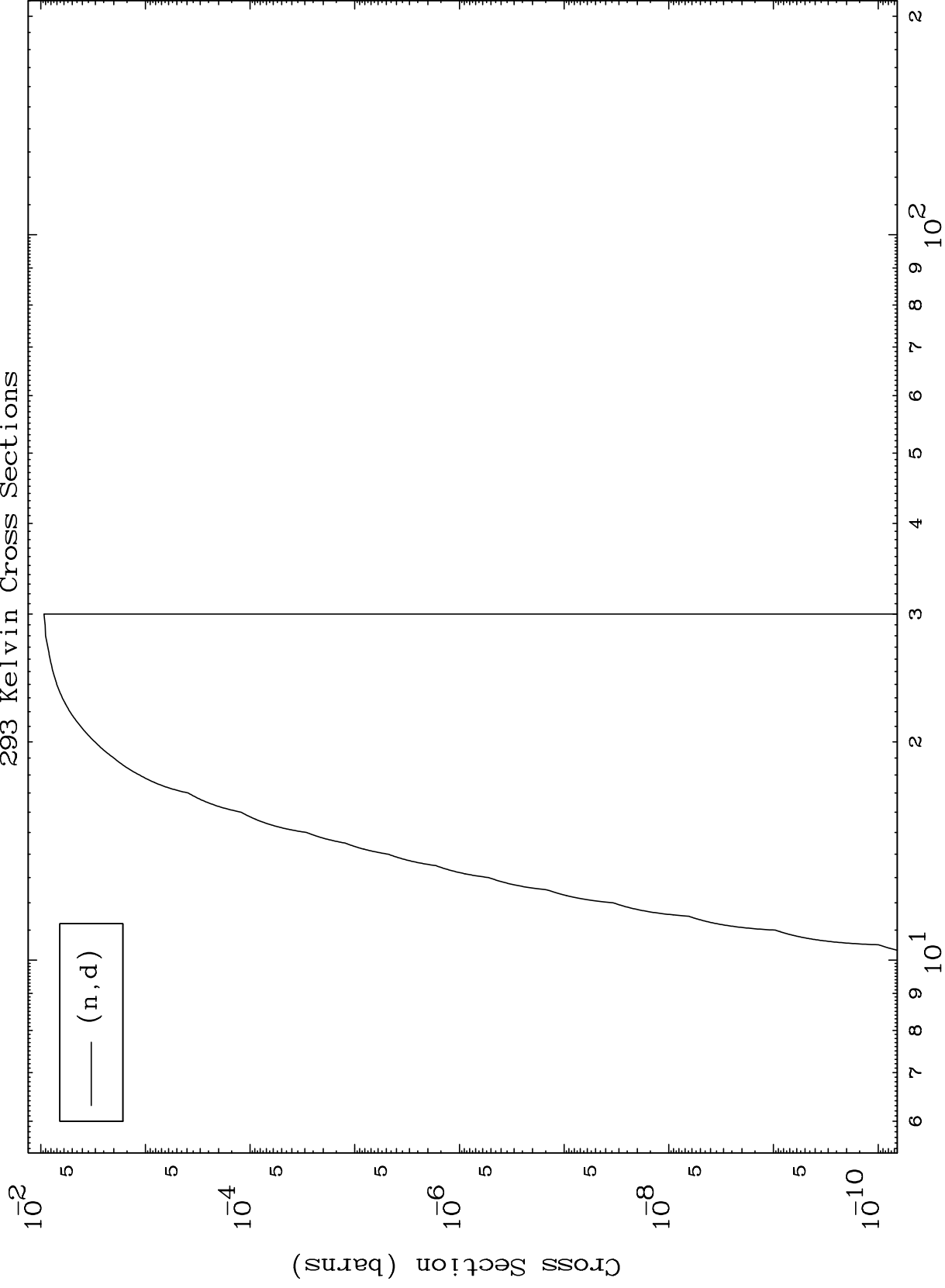




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(n,d) Levels
293 Kelvin Cross Sections

79-Au-202



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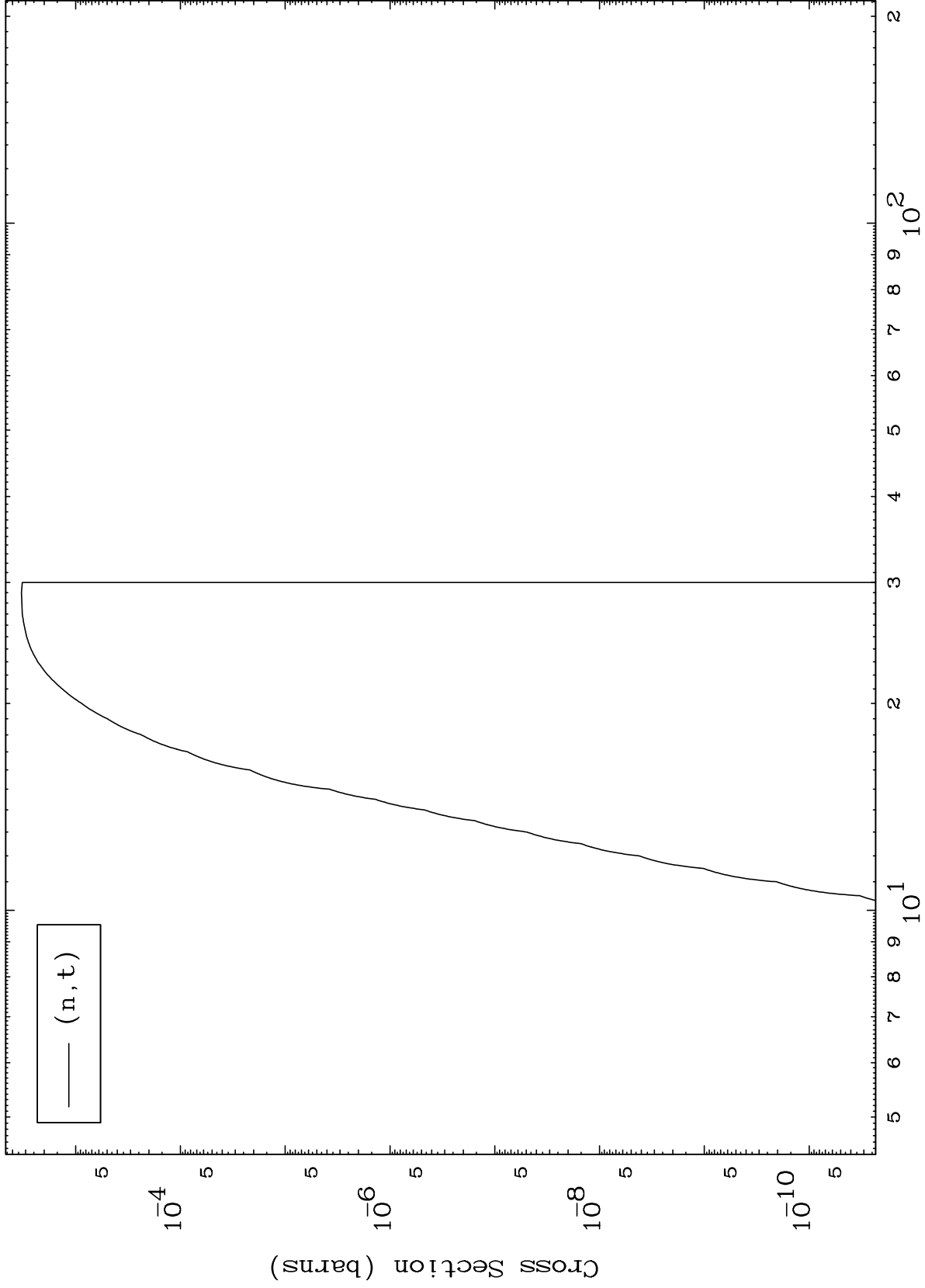
Incident Energy (MeV)

79-Au-202

MAT 7940

(n,t) Levels
293 Kelvin Cross Sections

79-Au-202



10

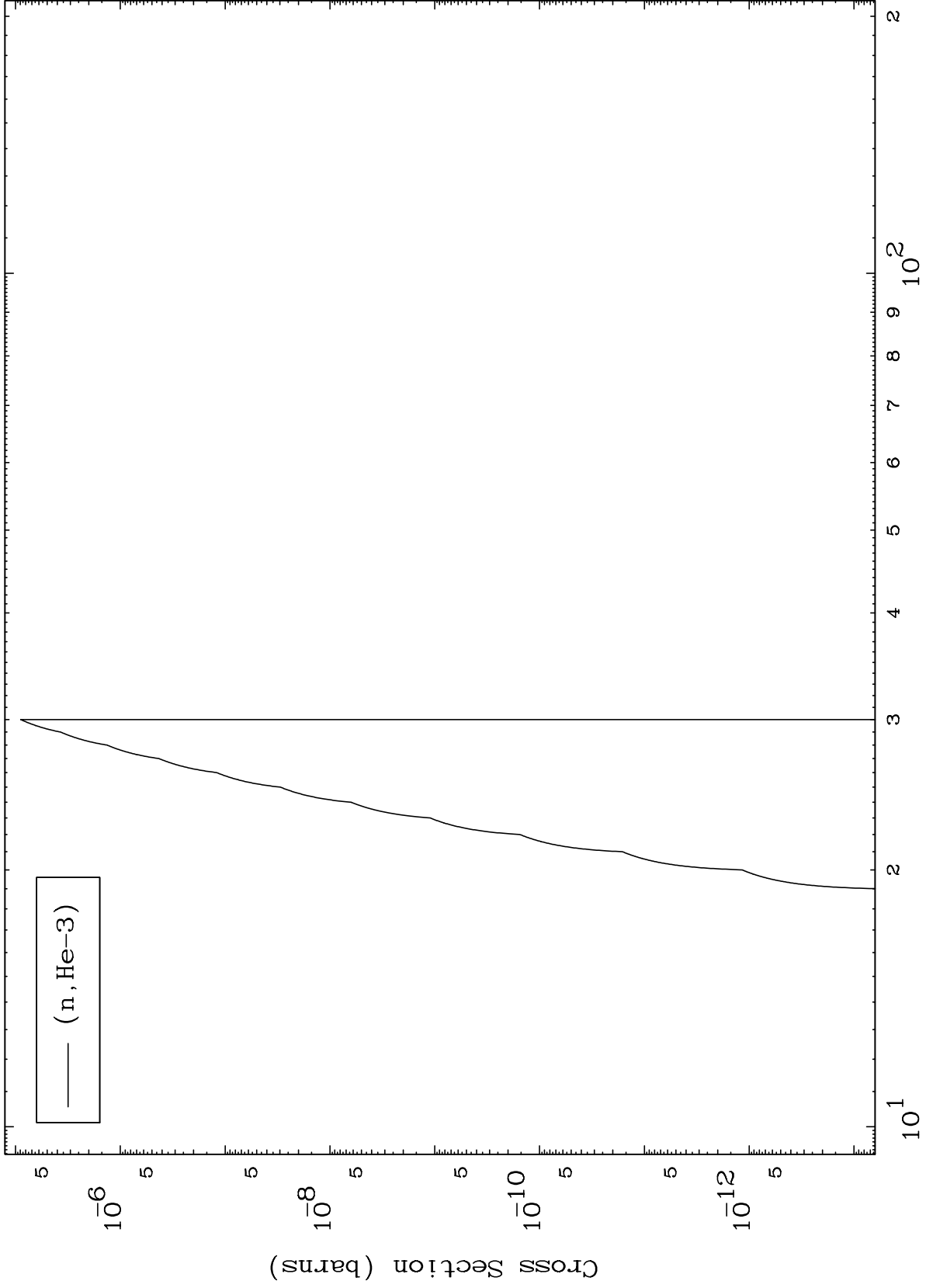
Incident Energy (MeV)

79-Au-202

MAT 7940

(n,He3) Levels
293 Kelvin Cross Sections

79-Au-202



11

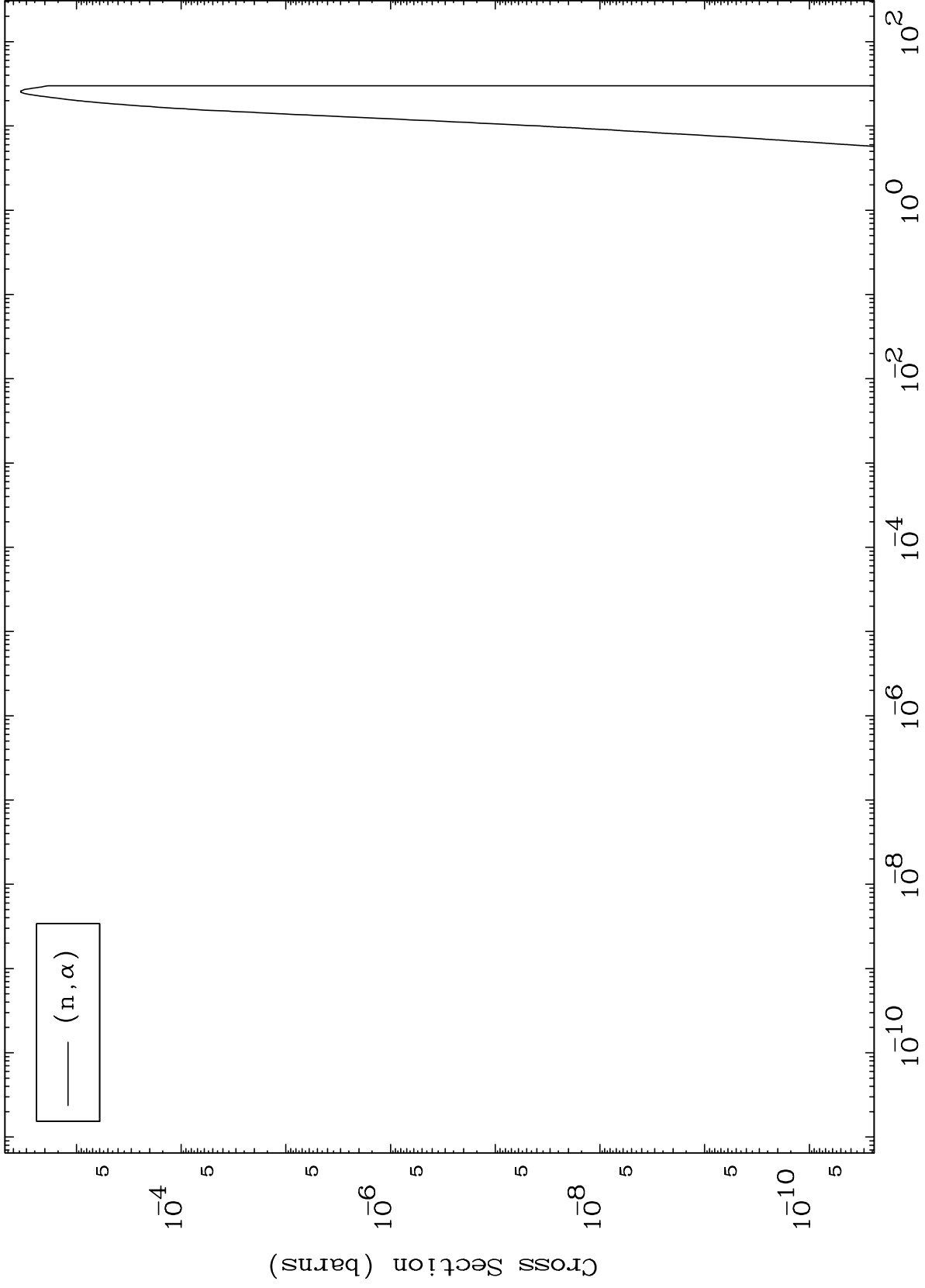
Incident Energy (MeV)

79-Au-202

MAT 7940

(n, α) Levels
293 Kelvin Cross Sections

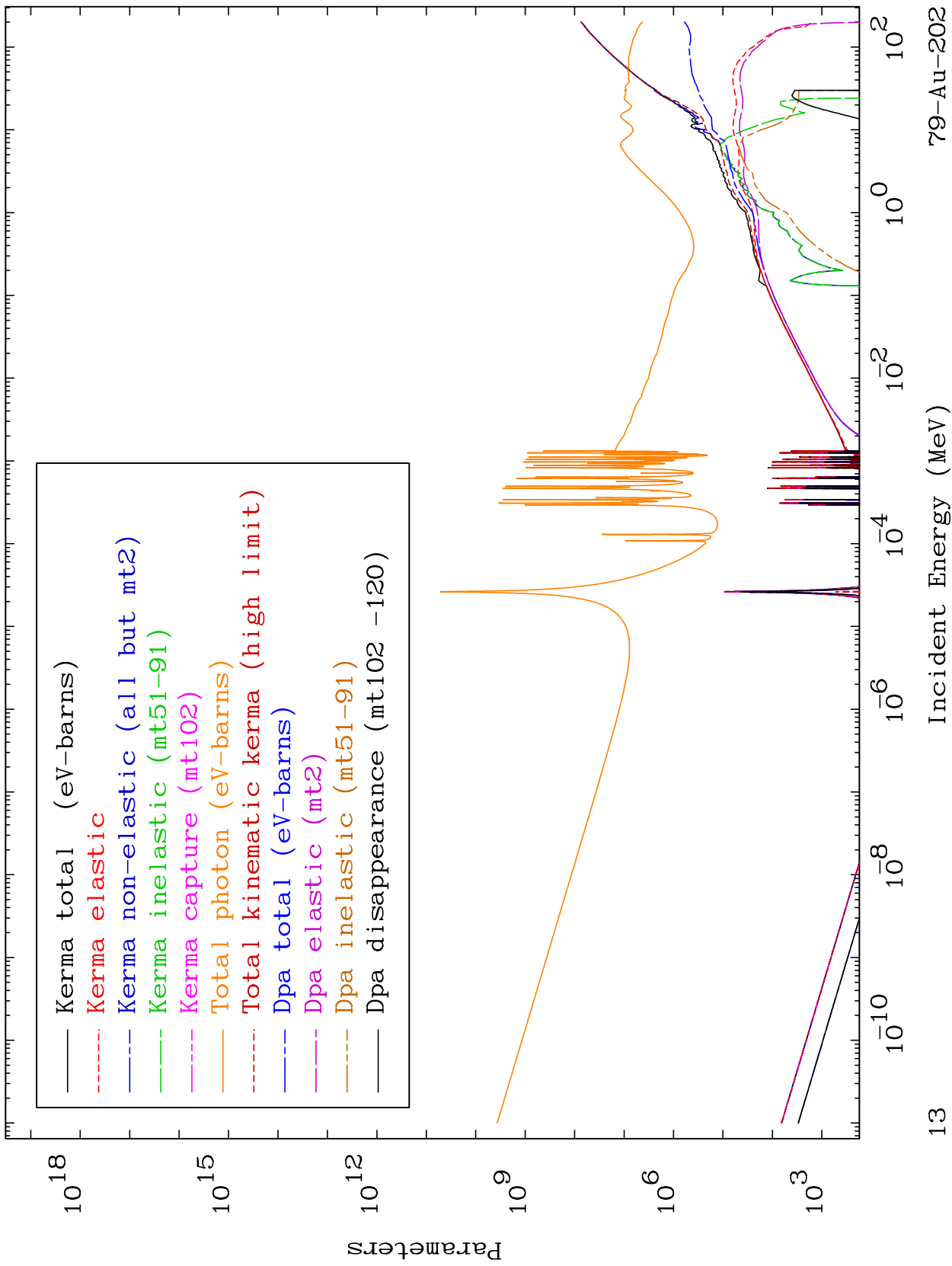
79-Au-202



12

Incident Energy (MeV)

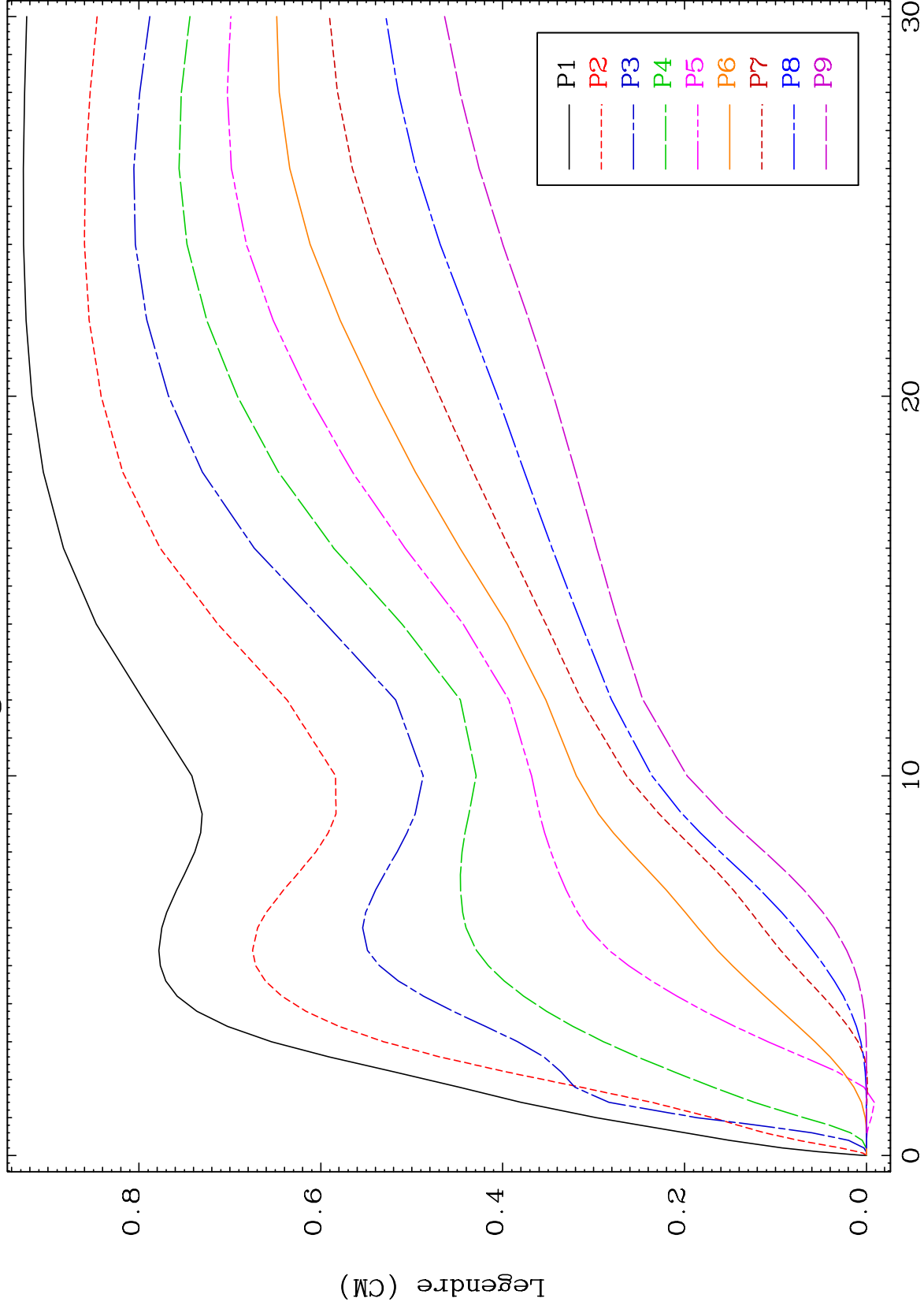
79-Au-202



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Elastic Legendre Coefficients

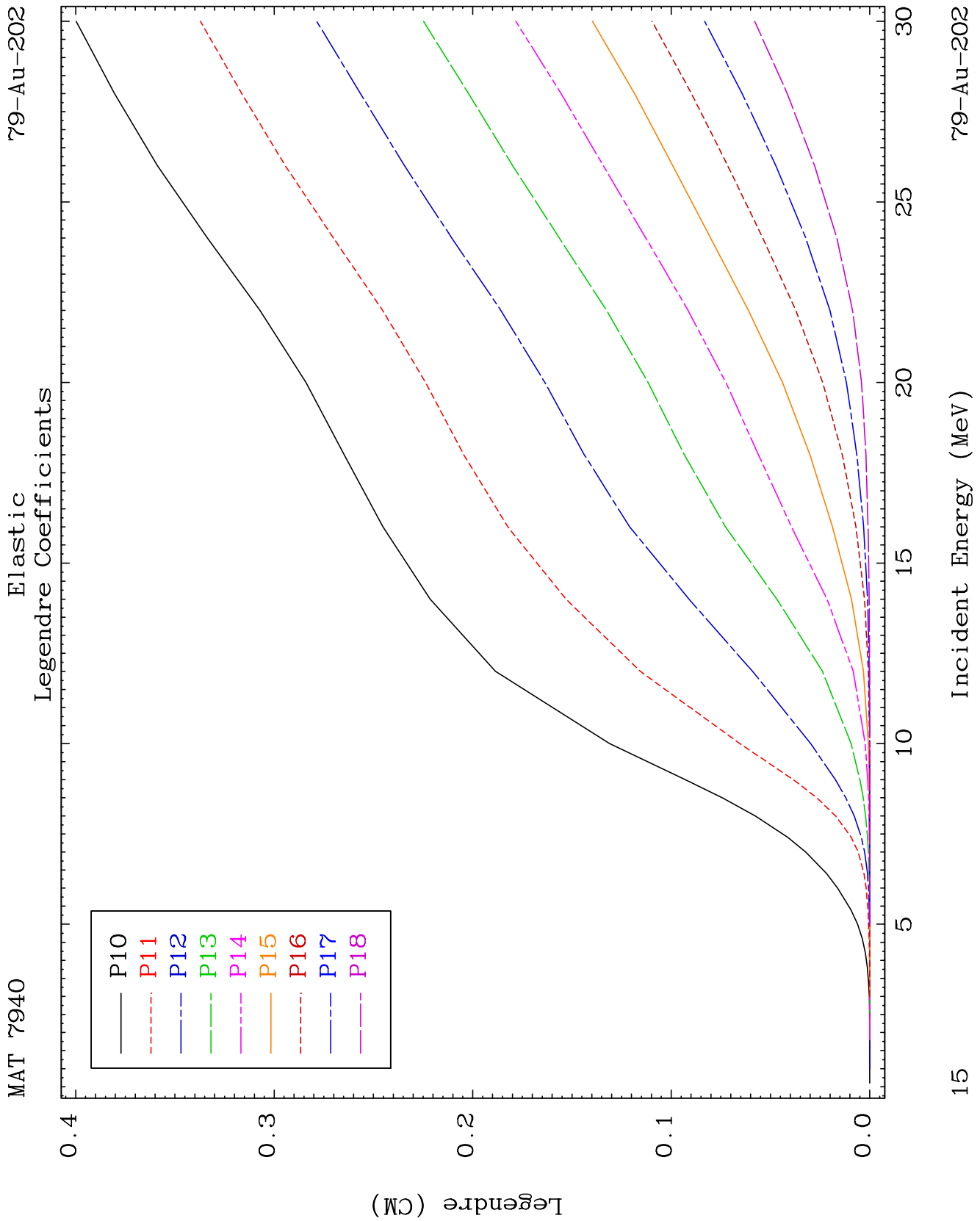
79-Au-202



14

Incident Energy (MeV)

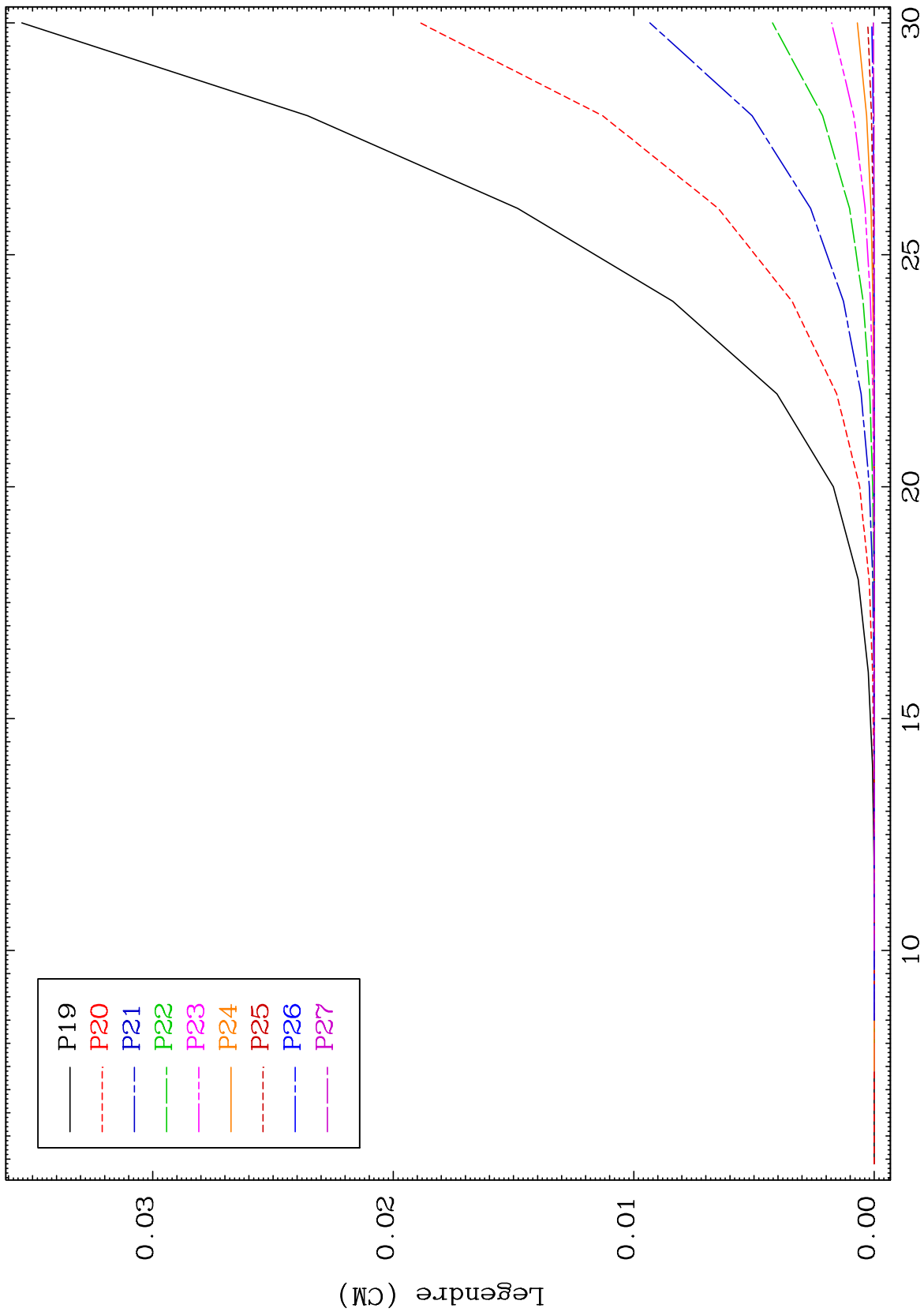
79-Au-202



MAT 7940

Elastic Legendre Coefficients

79-Au-202



16

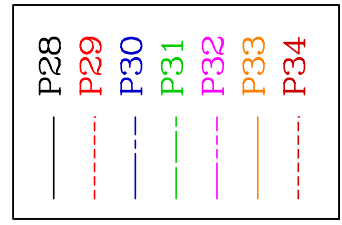
Incident Energy (MeV)

79-Au-202

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Elastic
Legendre Coefficients

79-Au-202



$\times 10^{-5}$

Legendre (CM)

1.0

0.8

0.6

0.4

0.2

0.0

10

15

20

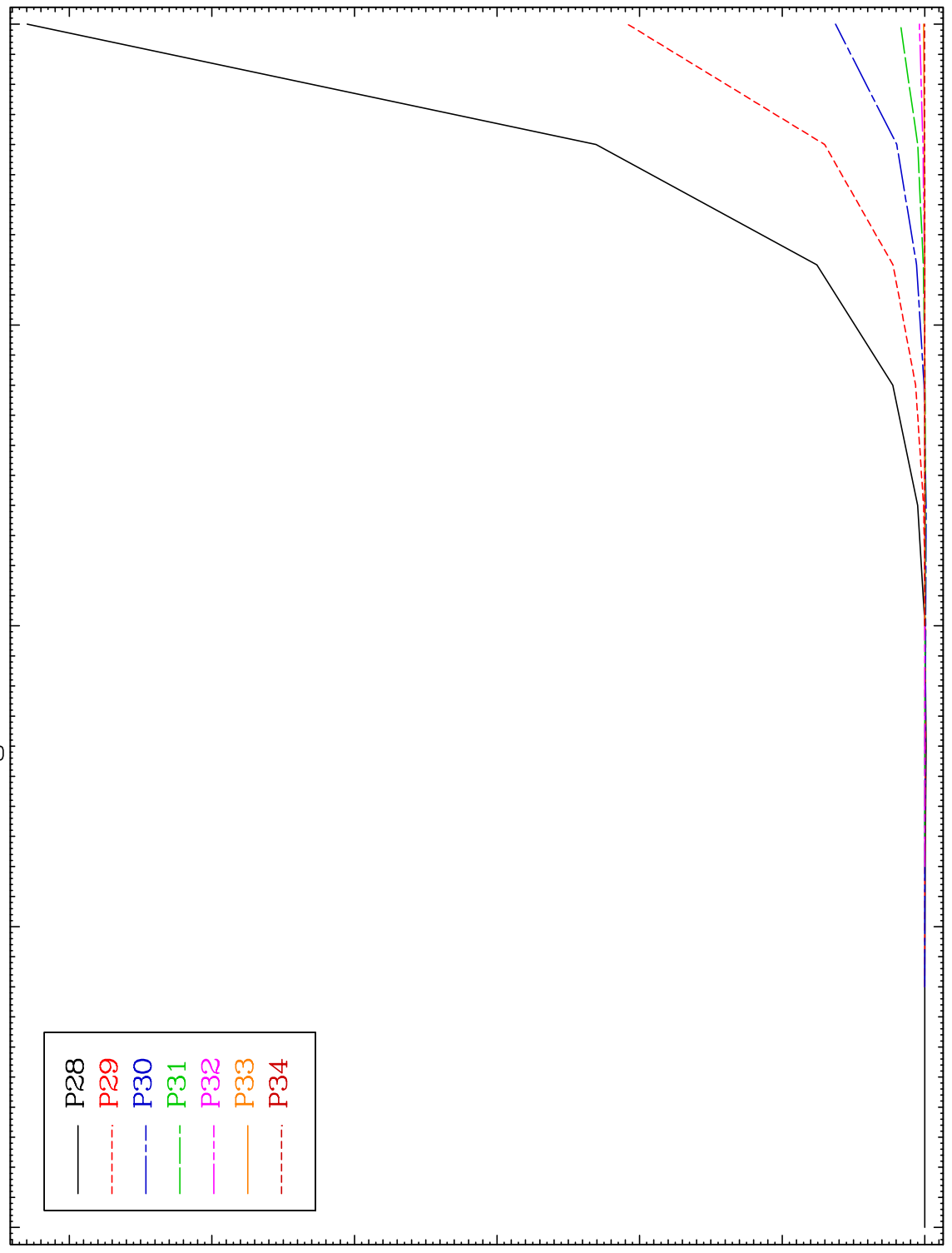
25

30

17

Incident Energy (MeV)

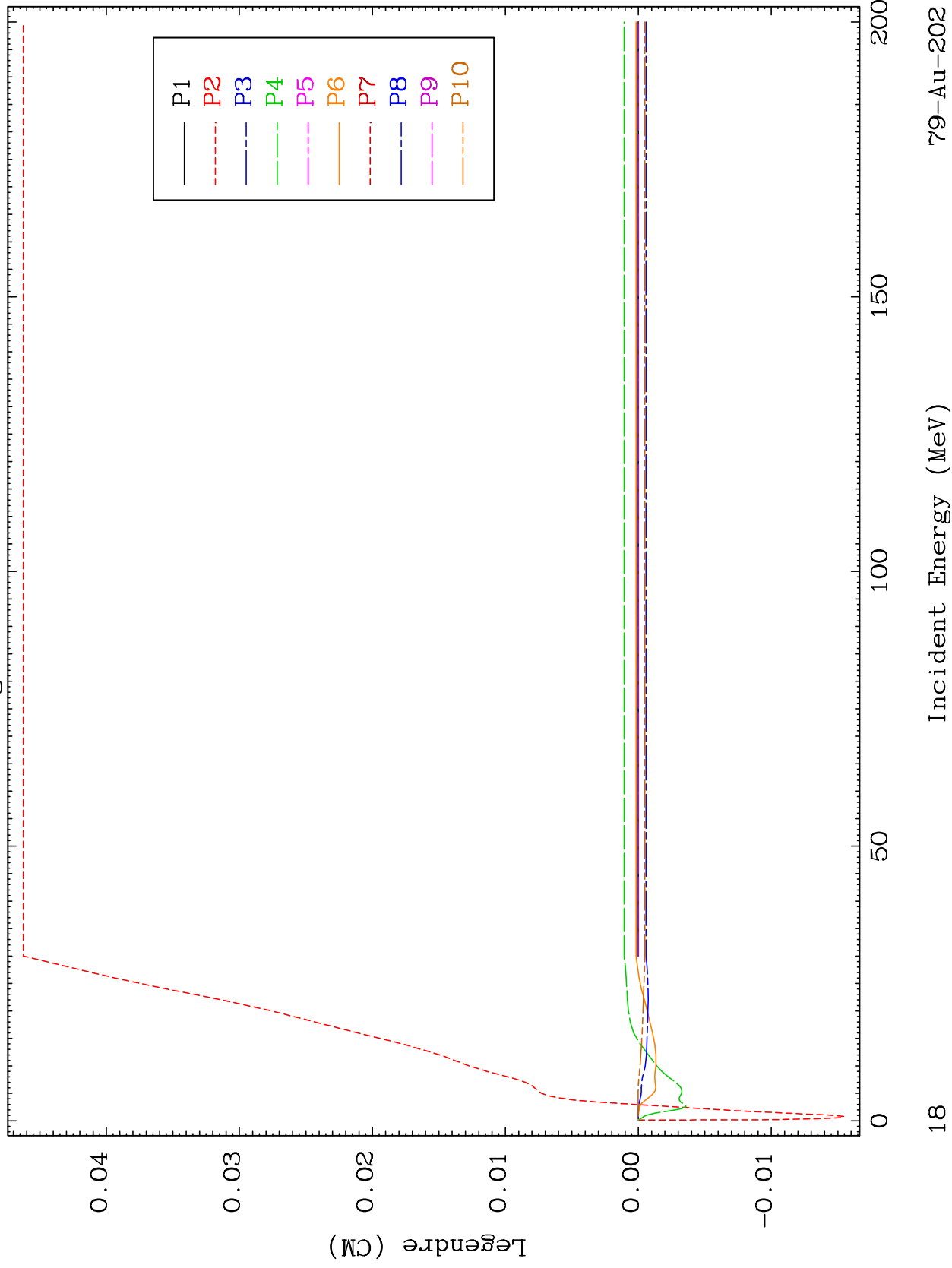
79-Au-202



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

79-Au-202



79-Au-202

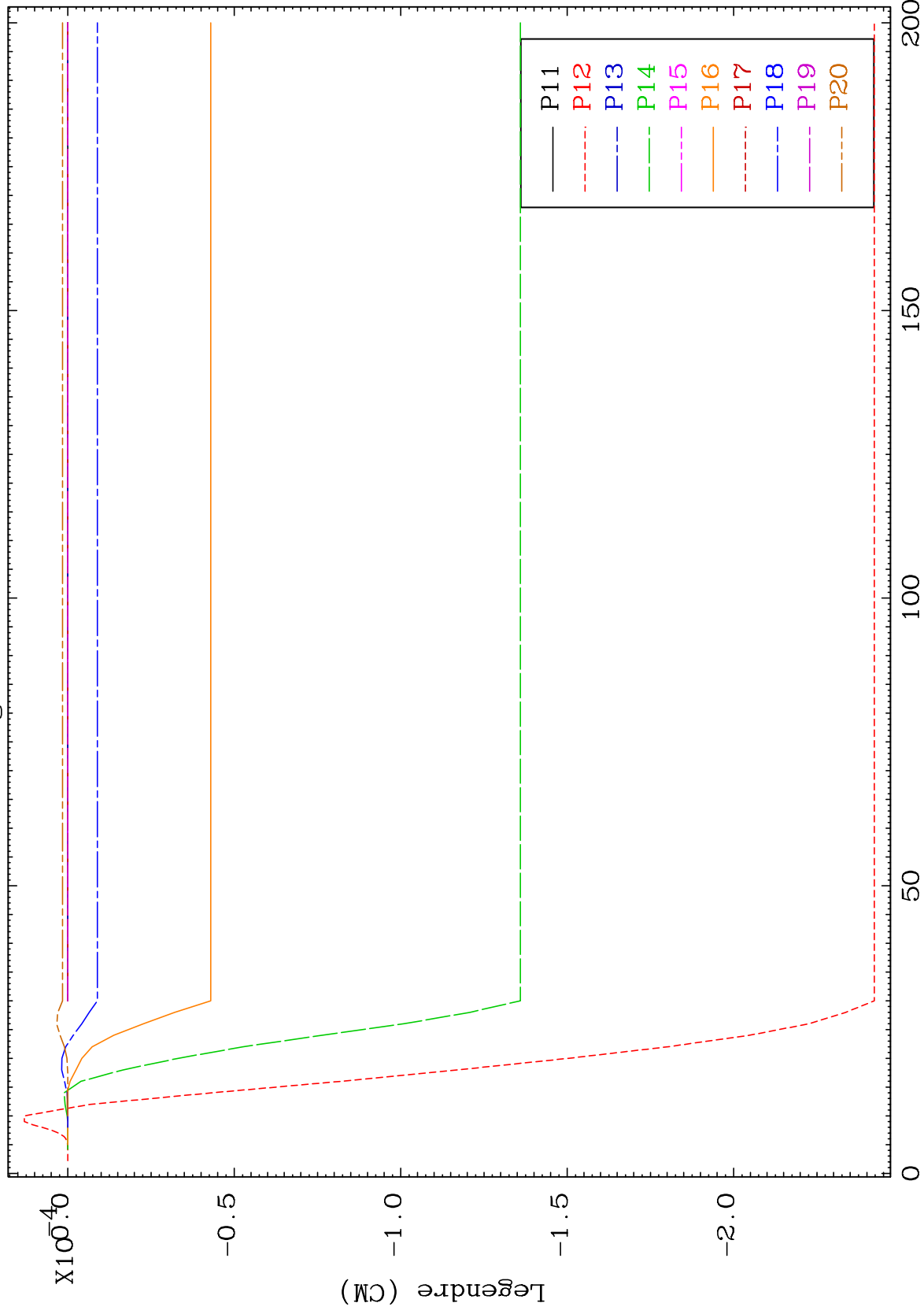
Incident Energy (MeV)

18

MAT 7940

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

79-Au-202



19

Incident Energy (MeV)

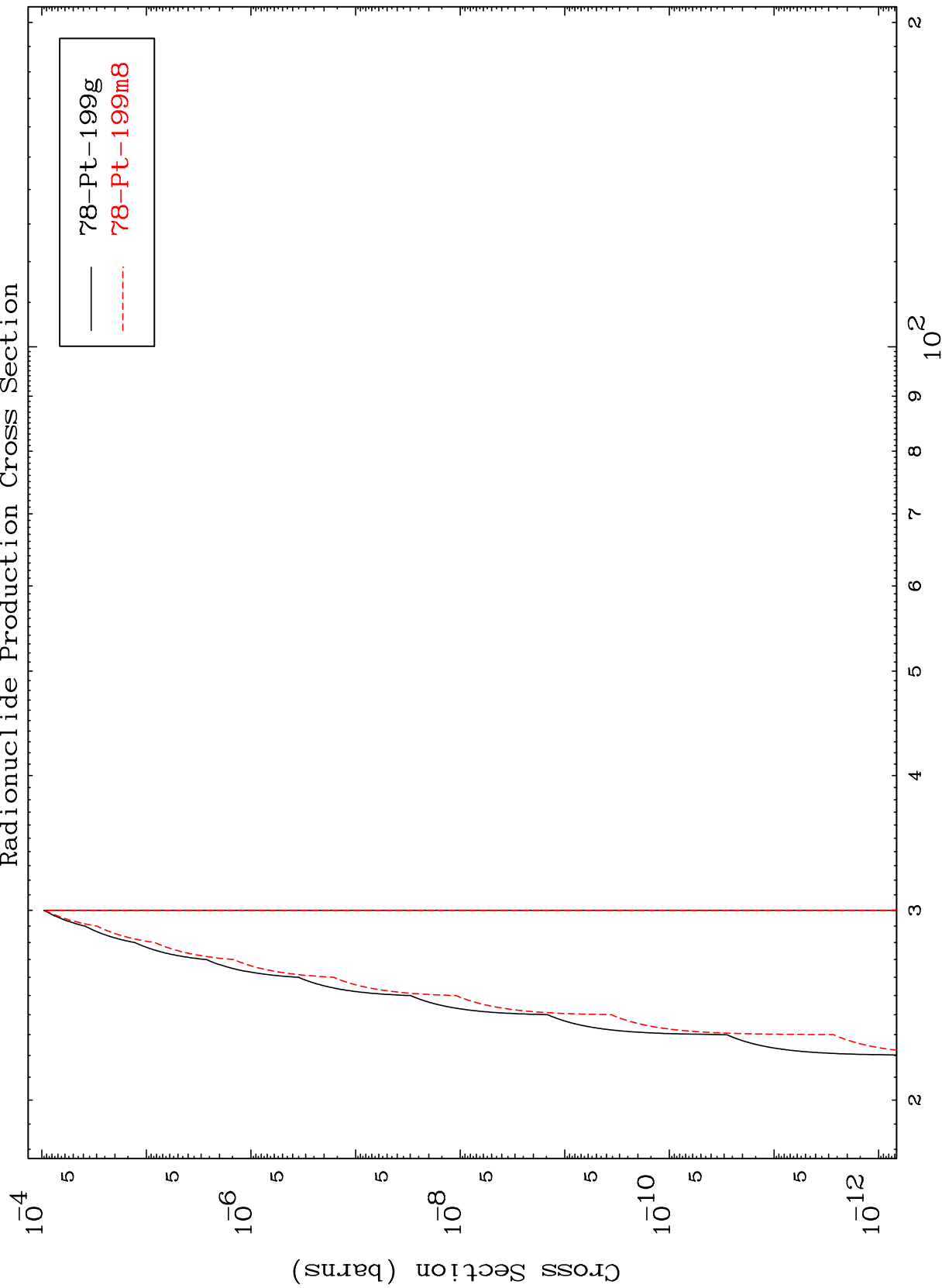
79-Au-202

MAT 7940

(n,2n) d

79-Au-202

Radionuclide Production Cross Section



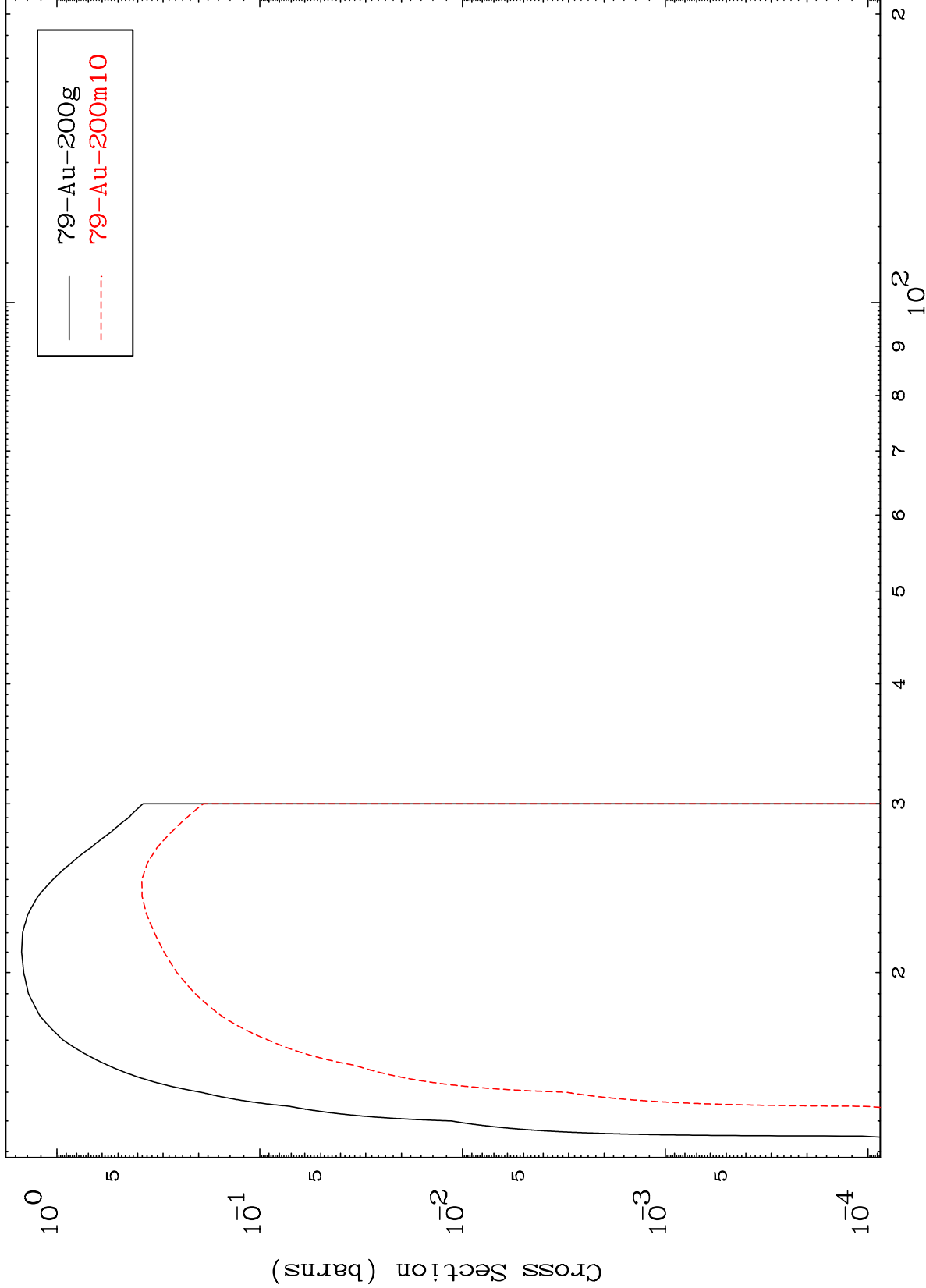
78-Pt-199g
78-Pt-199m8

21

Incident Energy (MeV)

79-Au-202

Radionuclide Production Cross Section

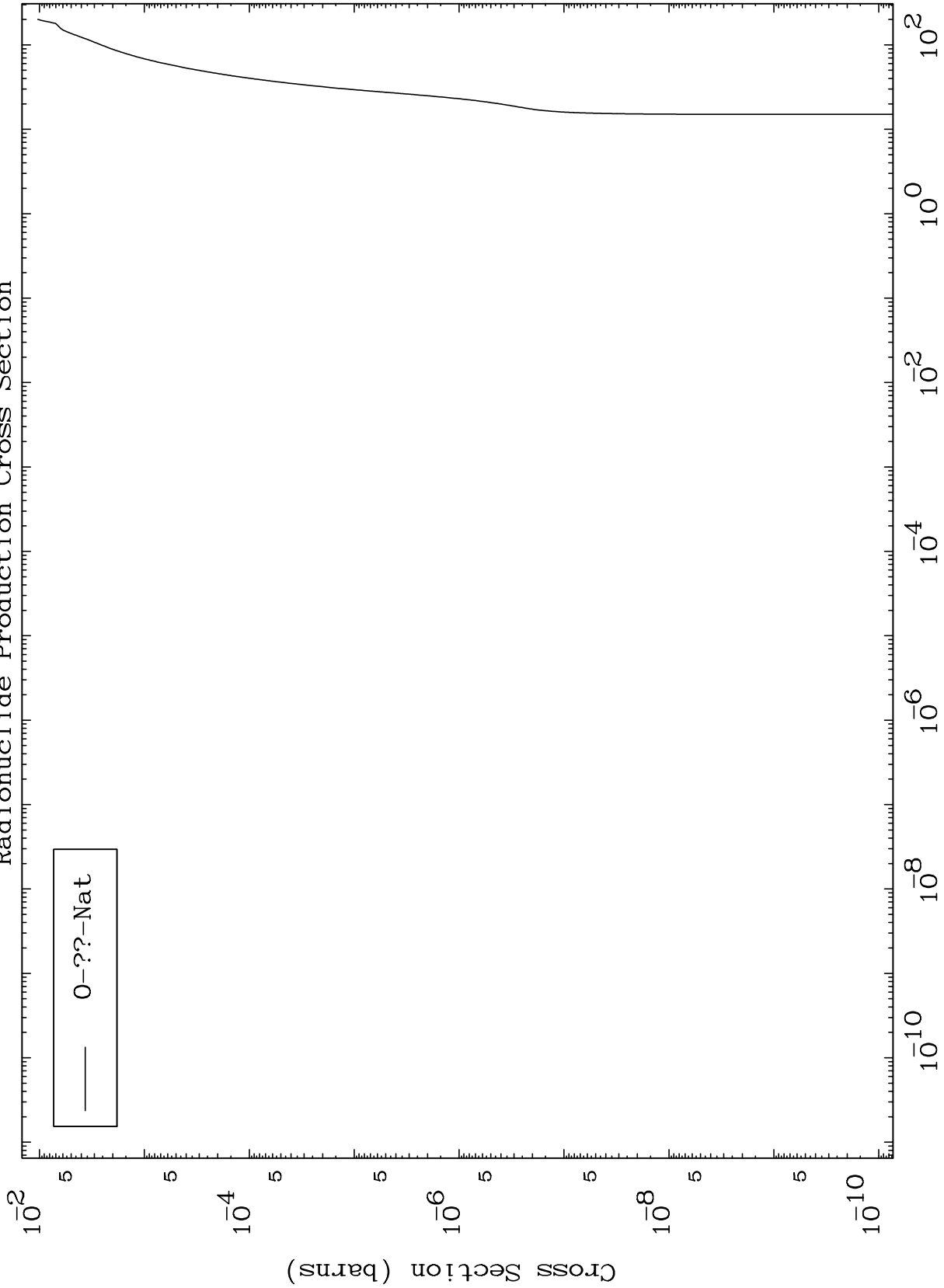


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Fission

79-Au-202

Radionuclide Production Cross Section

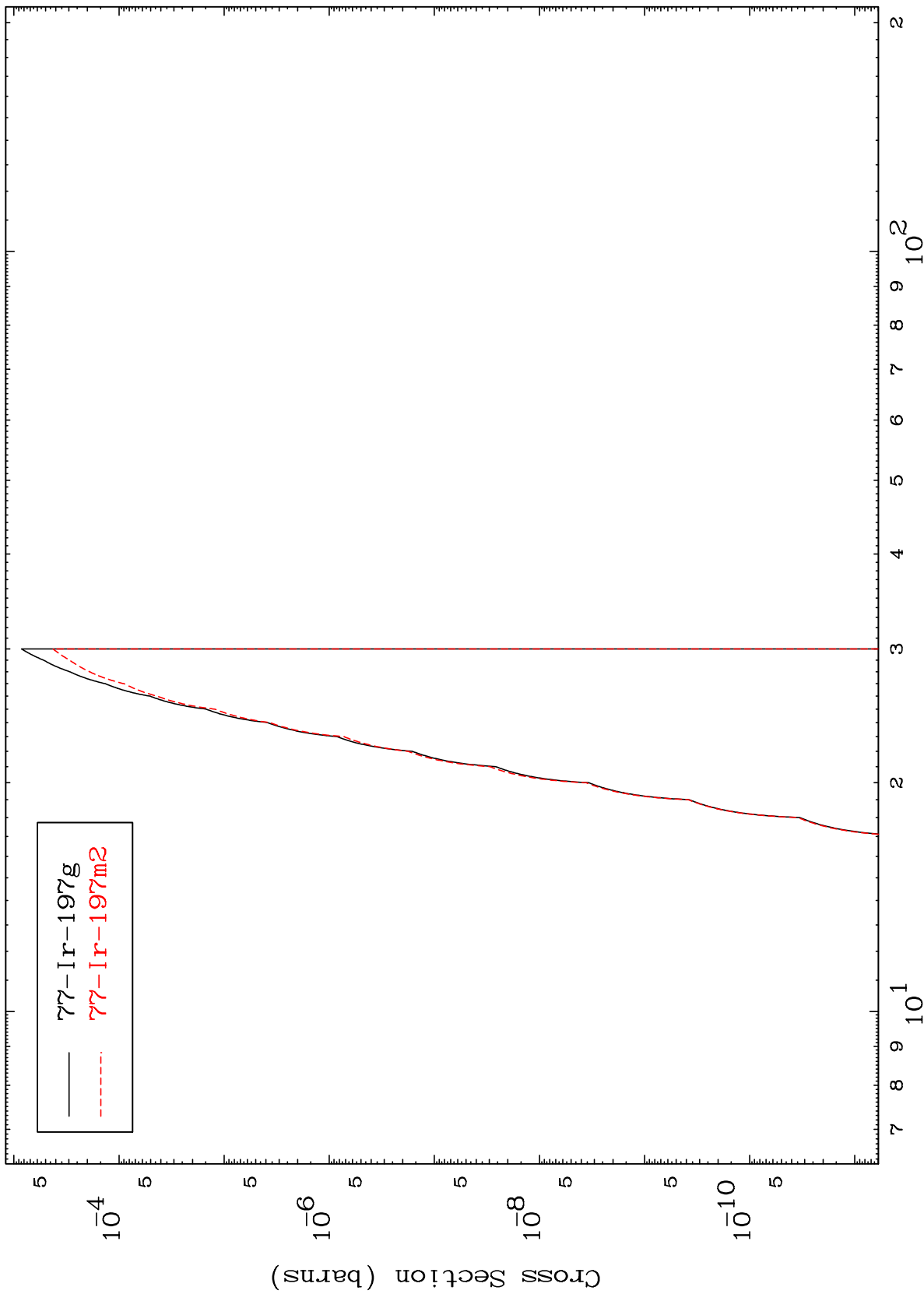


MAT 7940

(n,2n) α

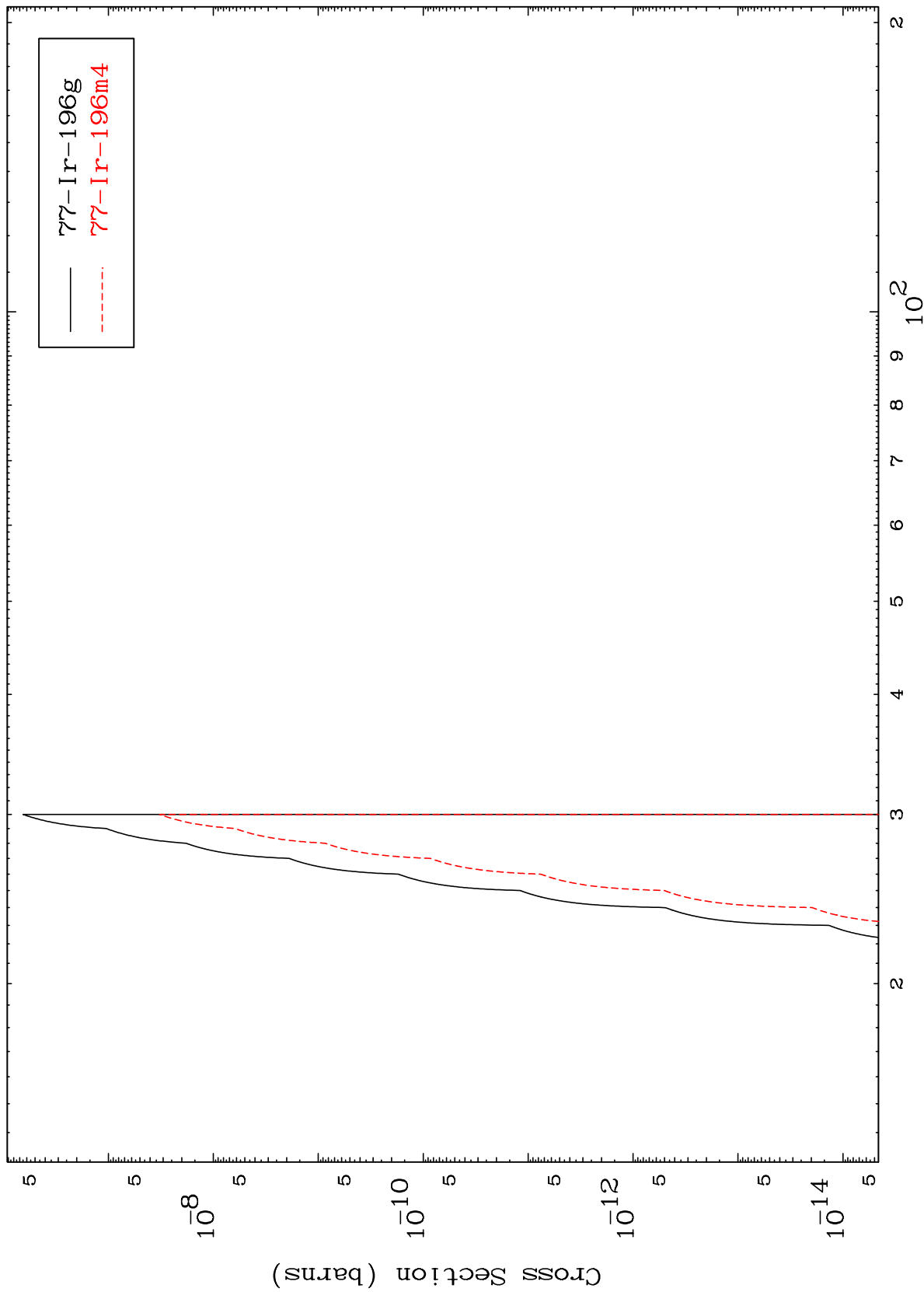
79-Au-202

Radionuclide Production Cross Section

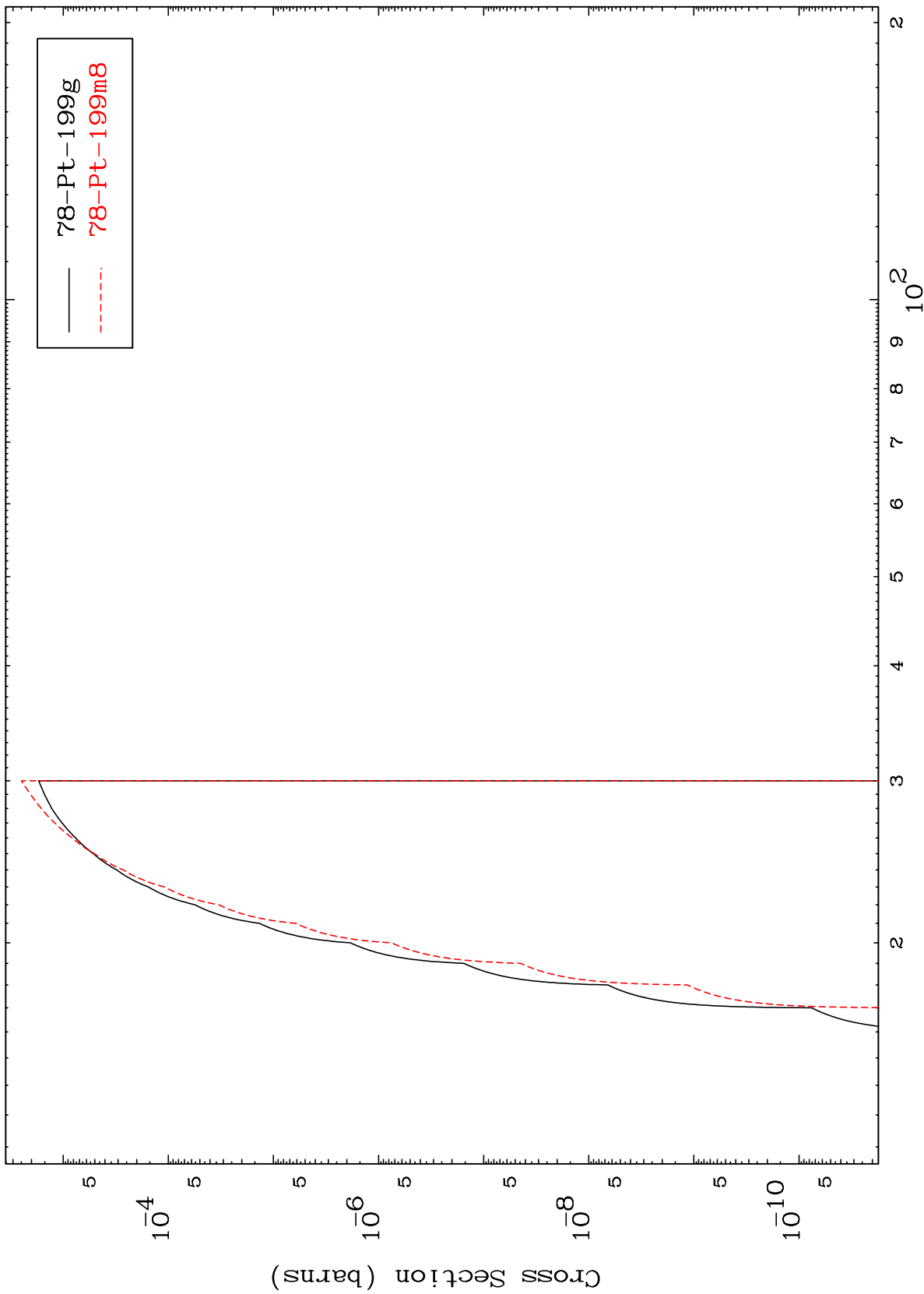


77-Ir-197g
77-Ir-197m2

Radionuclide Production Cross Section



Radionuclide Production Cross Section



Radionuclide Production Cross Section

