

Program EVALPLOT
(Version 2018-1)

by

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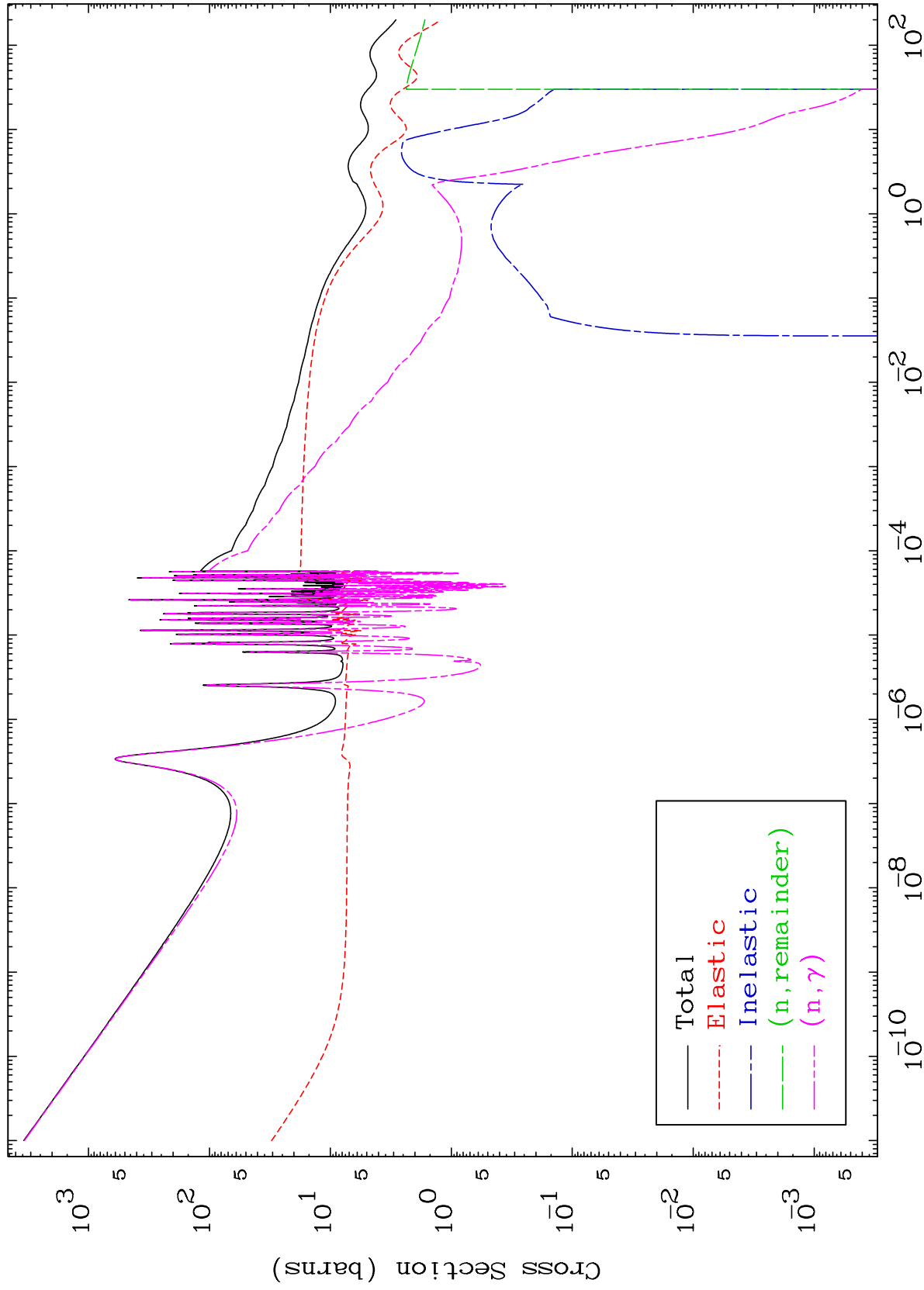
Press Mouse Button to Start

MAT 7916

Major

293 Kelvin Cross Sections

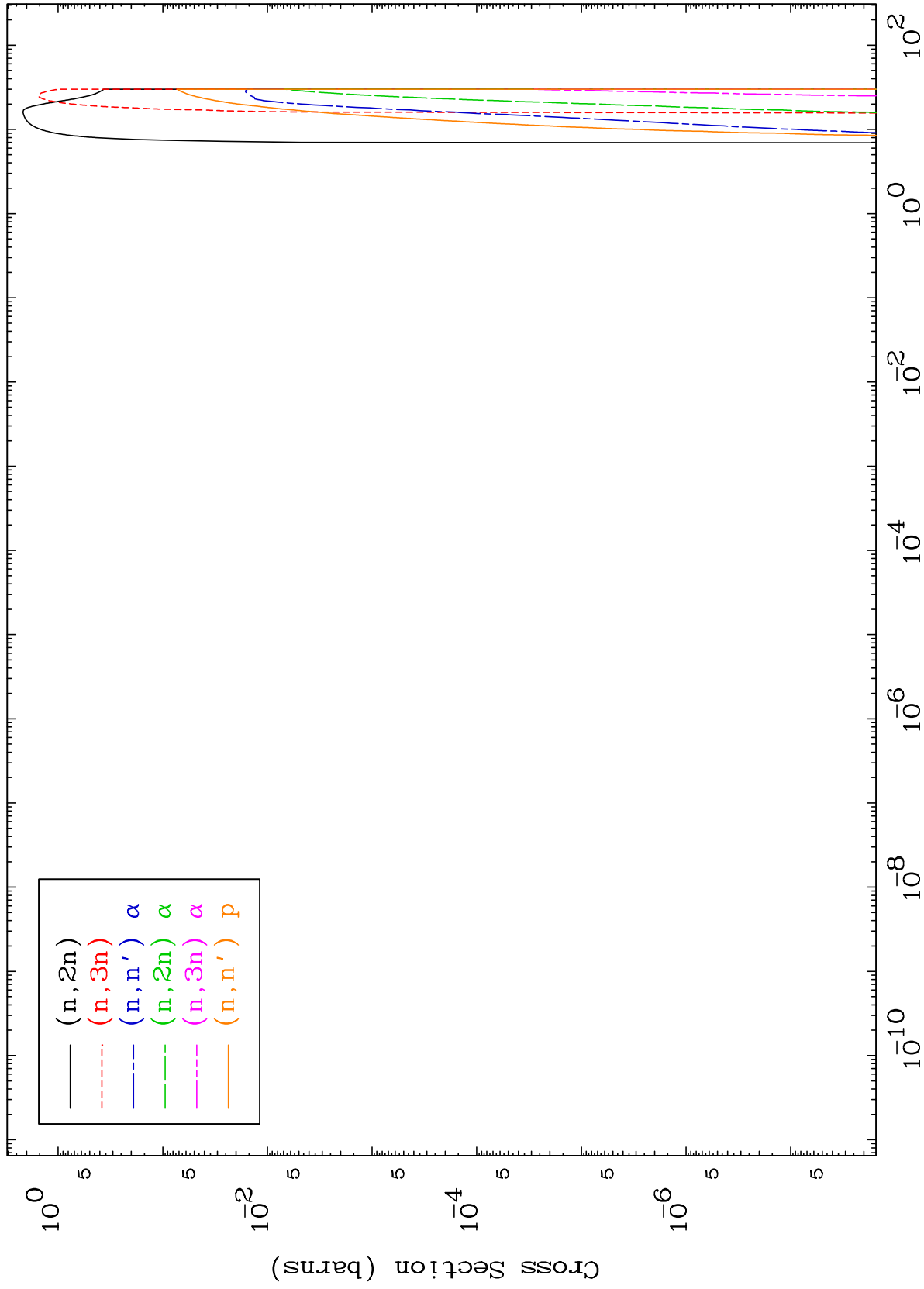
79-Au-194



MAT 7916

Neutron Production
293 Kelvin Cross Sections

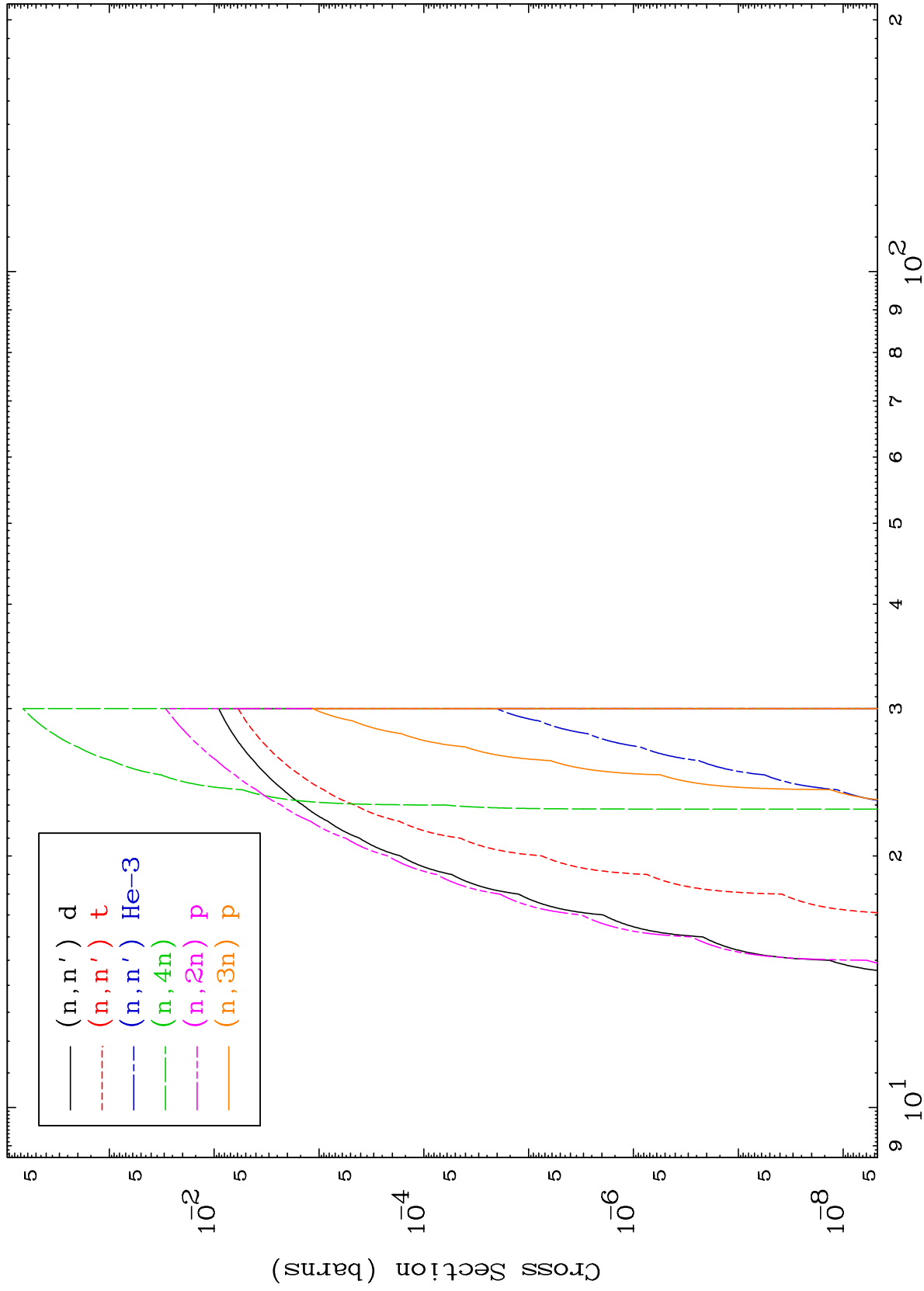
79-Au-194



MAT 7916

Neutron Production
293 Kelvin Cross Sections

79-Au-194



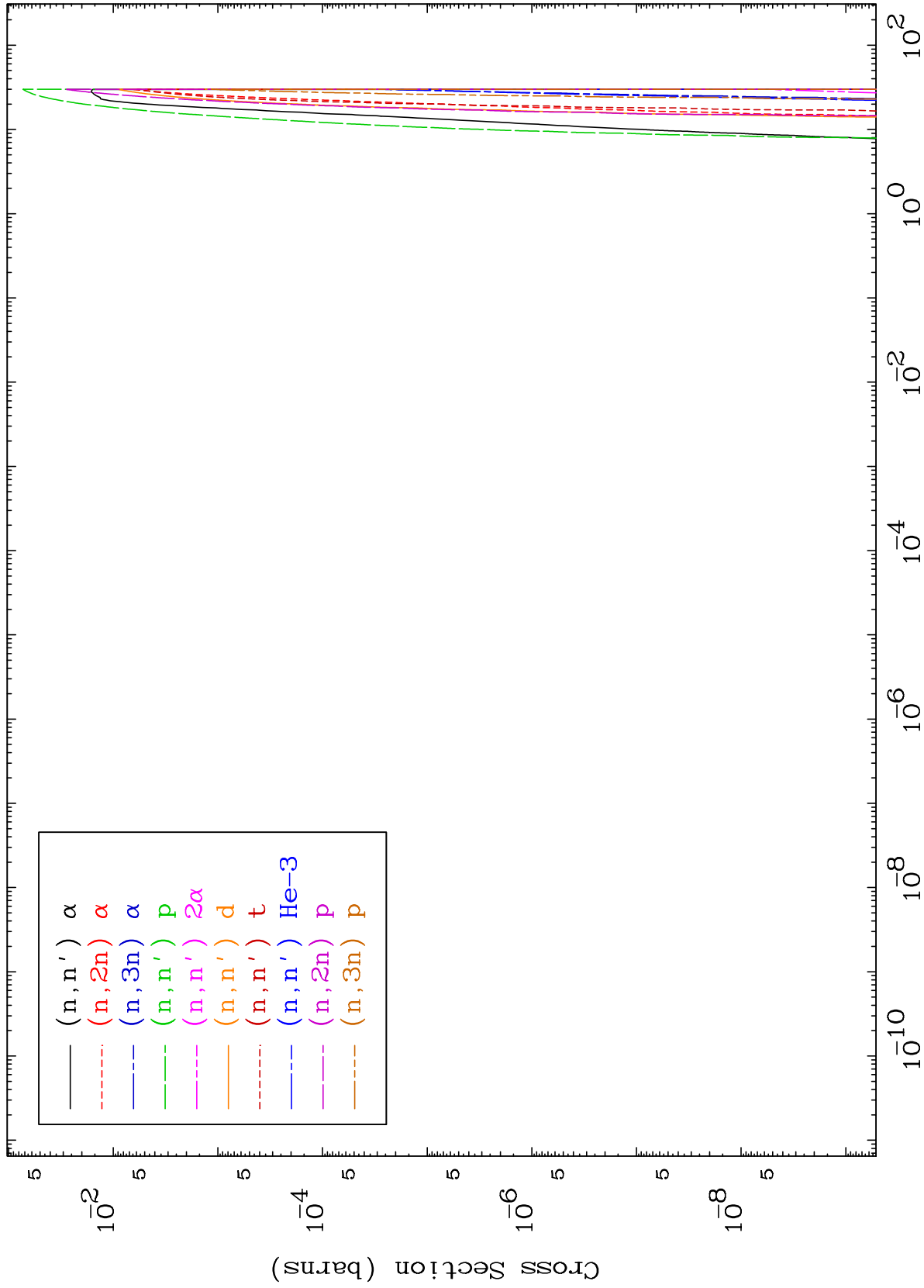
Incident Energy (MeV)

79-Au-194

MAT 7916

Charged Particle
293 Kelvin Cross Sections

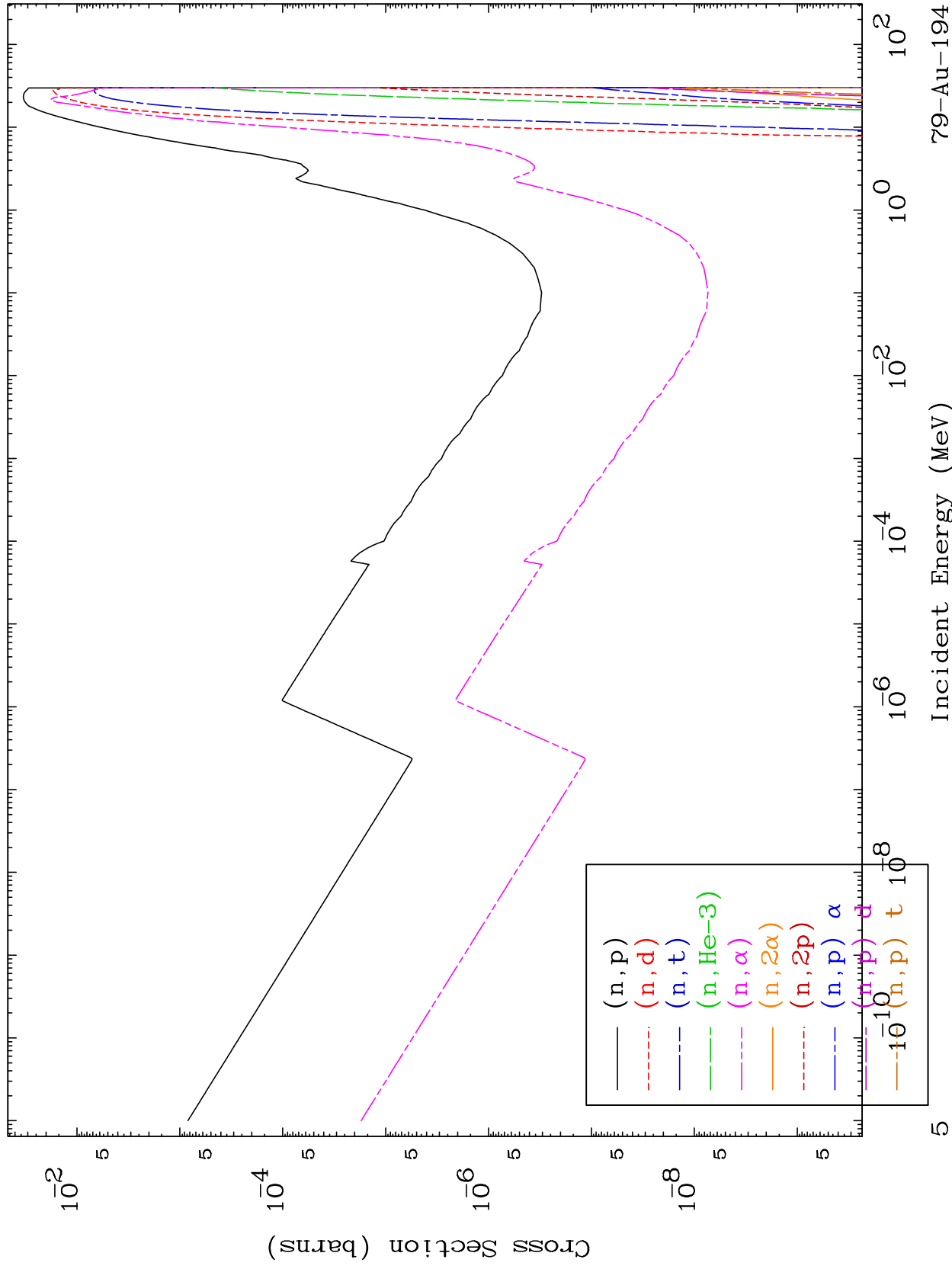
79-Au-194



MAT 7916

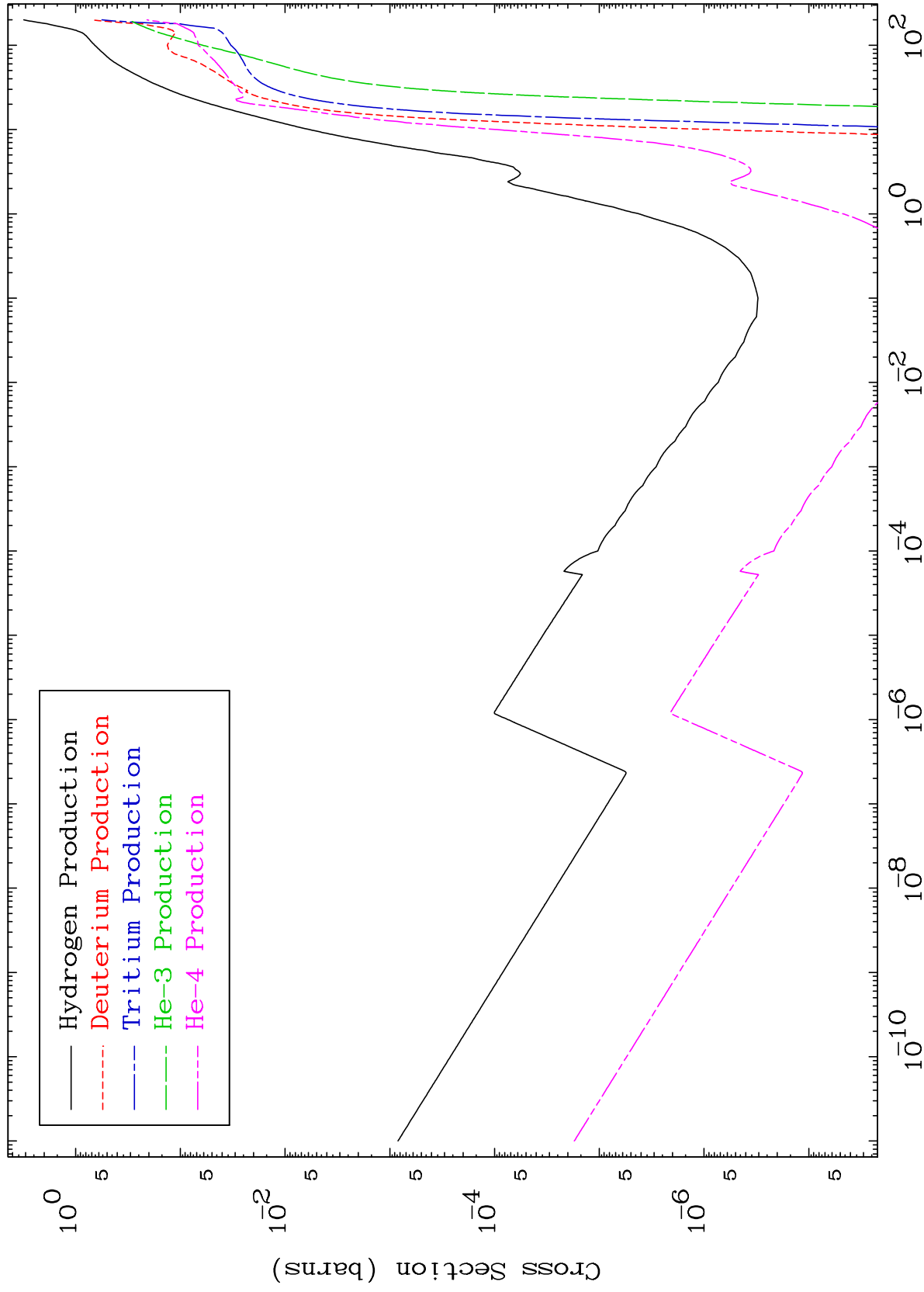
Charged Particle
293 Kelvin Cross Sections

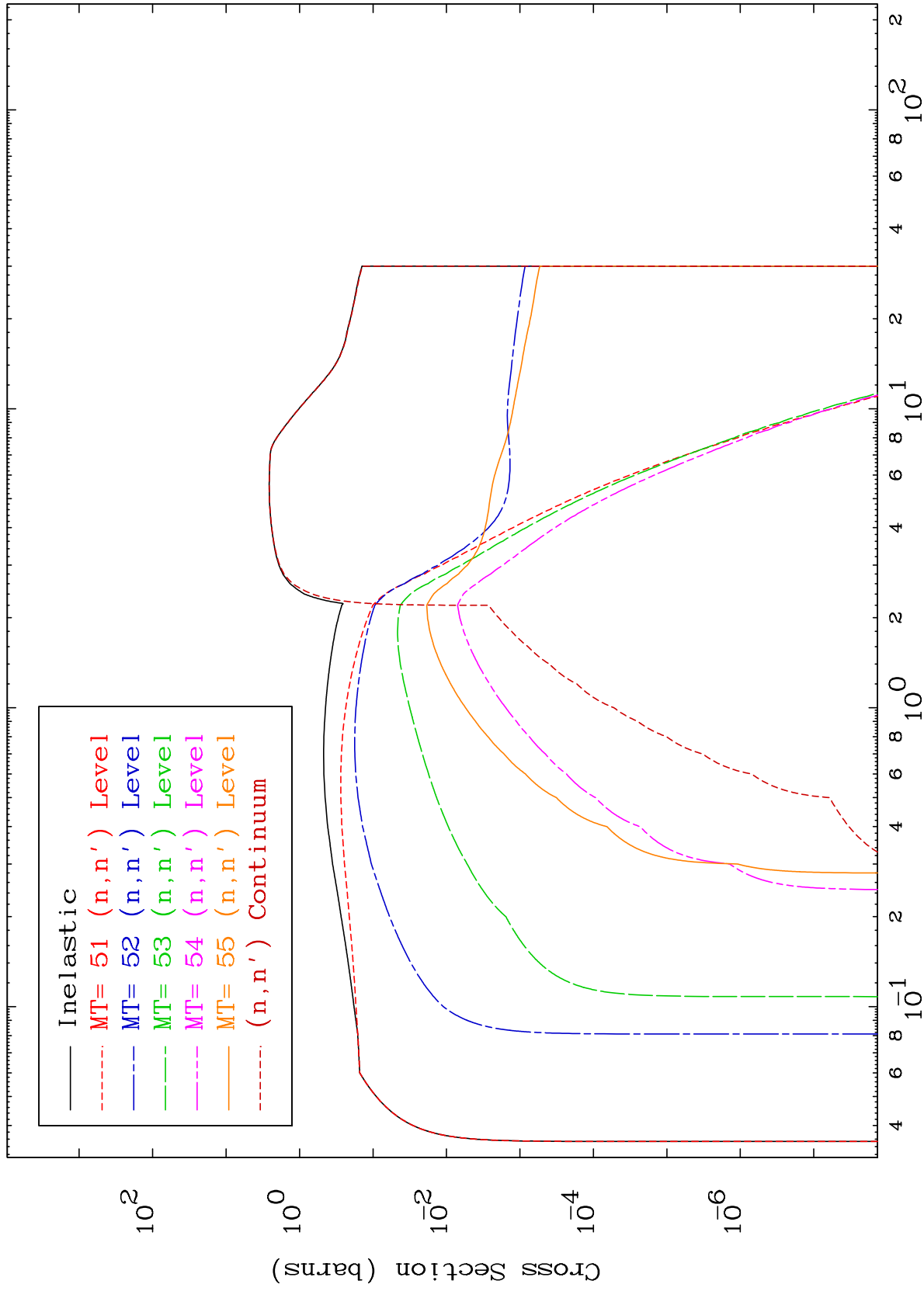
79-Au-194



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79-Au-194

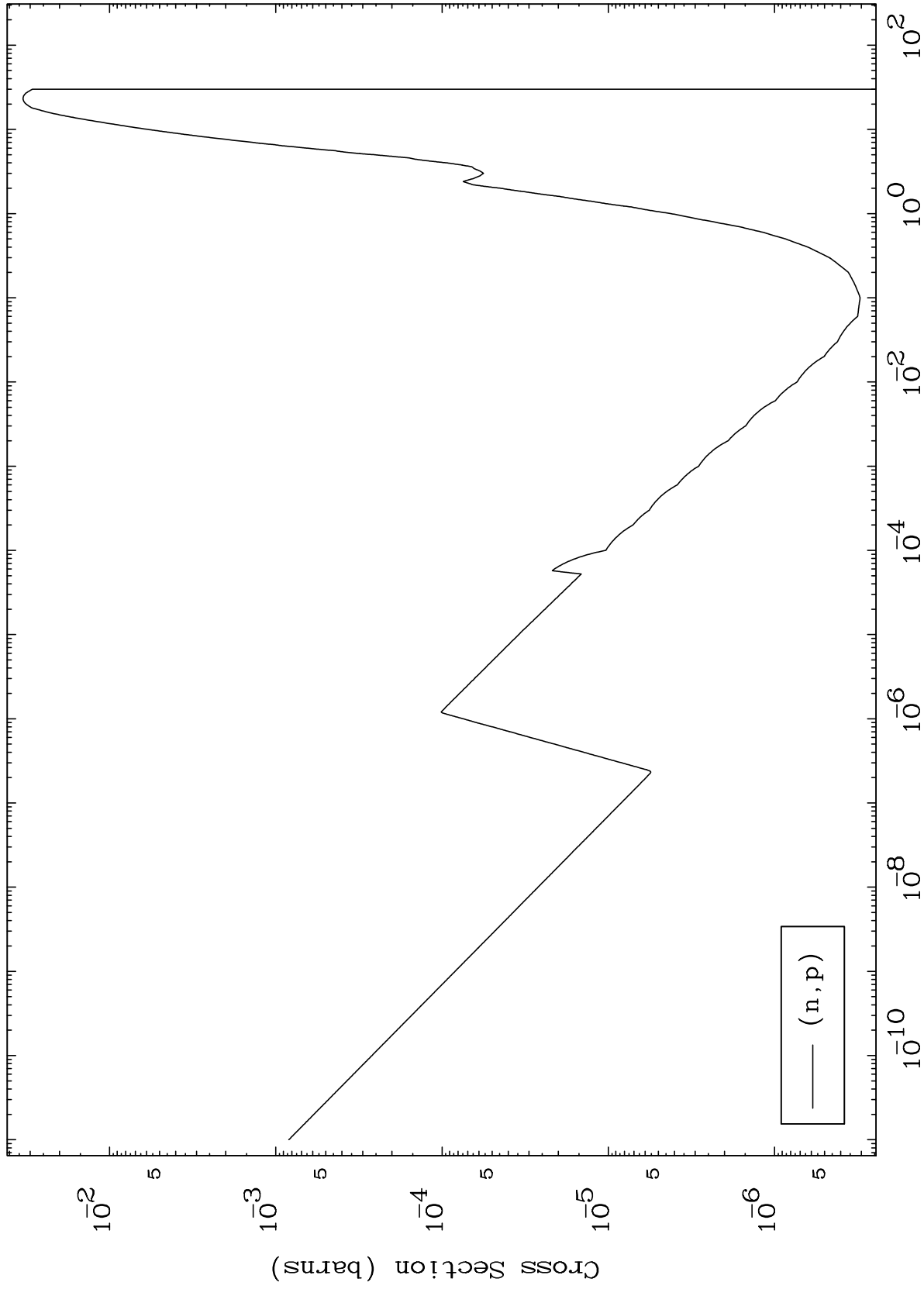




MAT 7916

(n,p) Levels
293 Kelvin Cross Sections

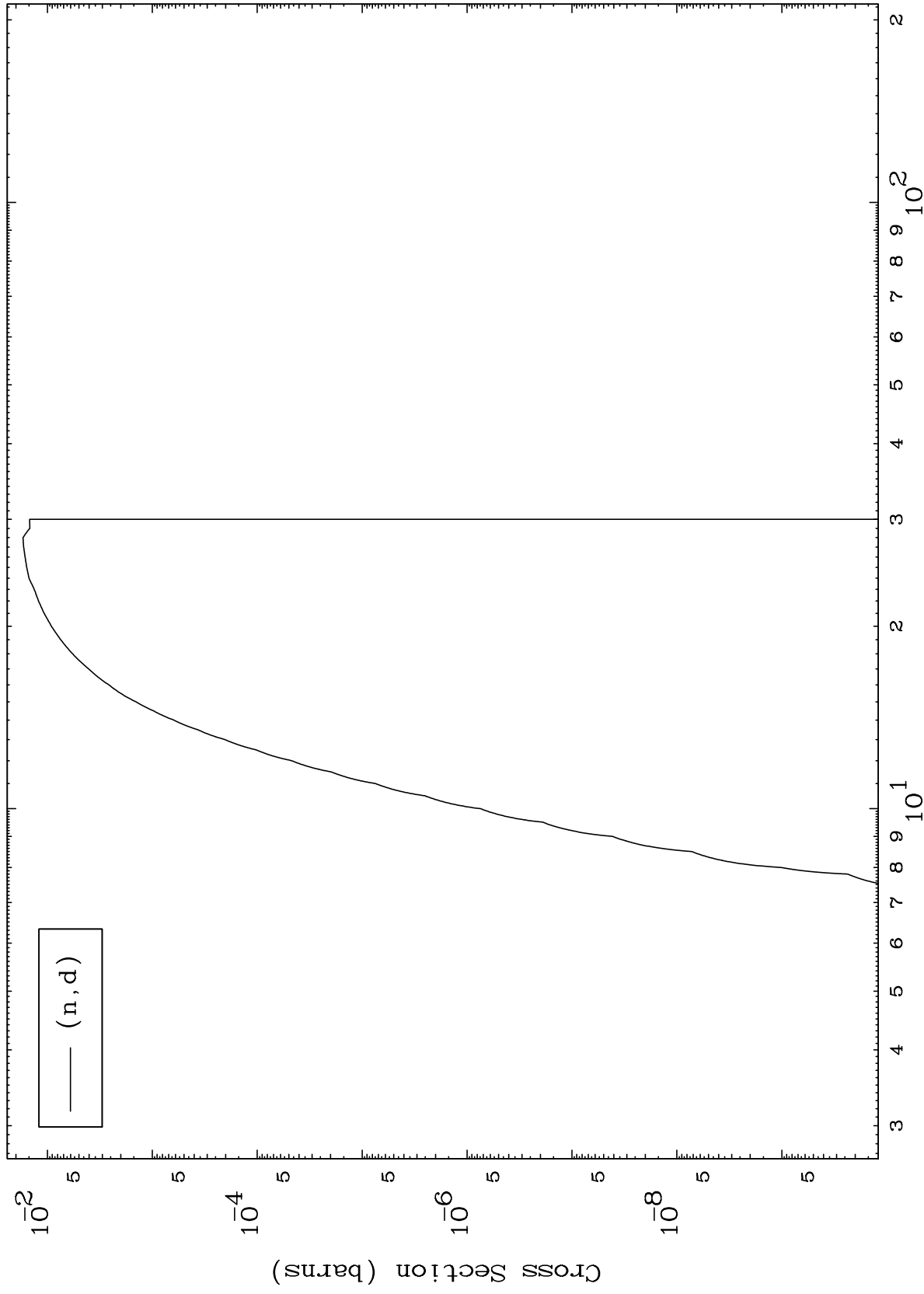
79-Au-194



MAT 7916

79-Au-194

(n,d) Levels
293 Kelvin Cross Sections



9

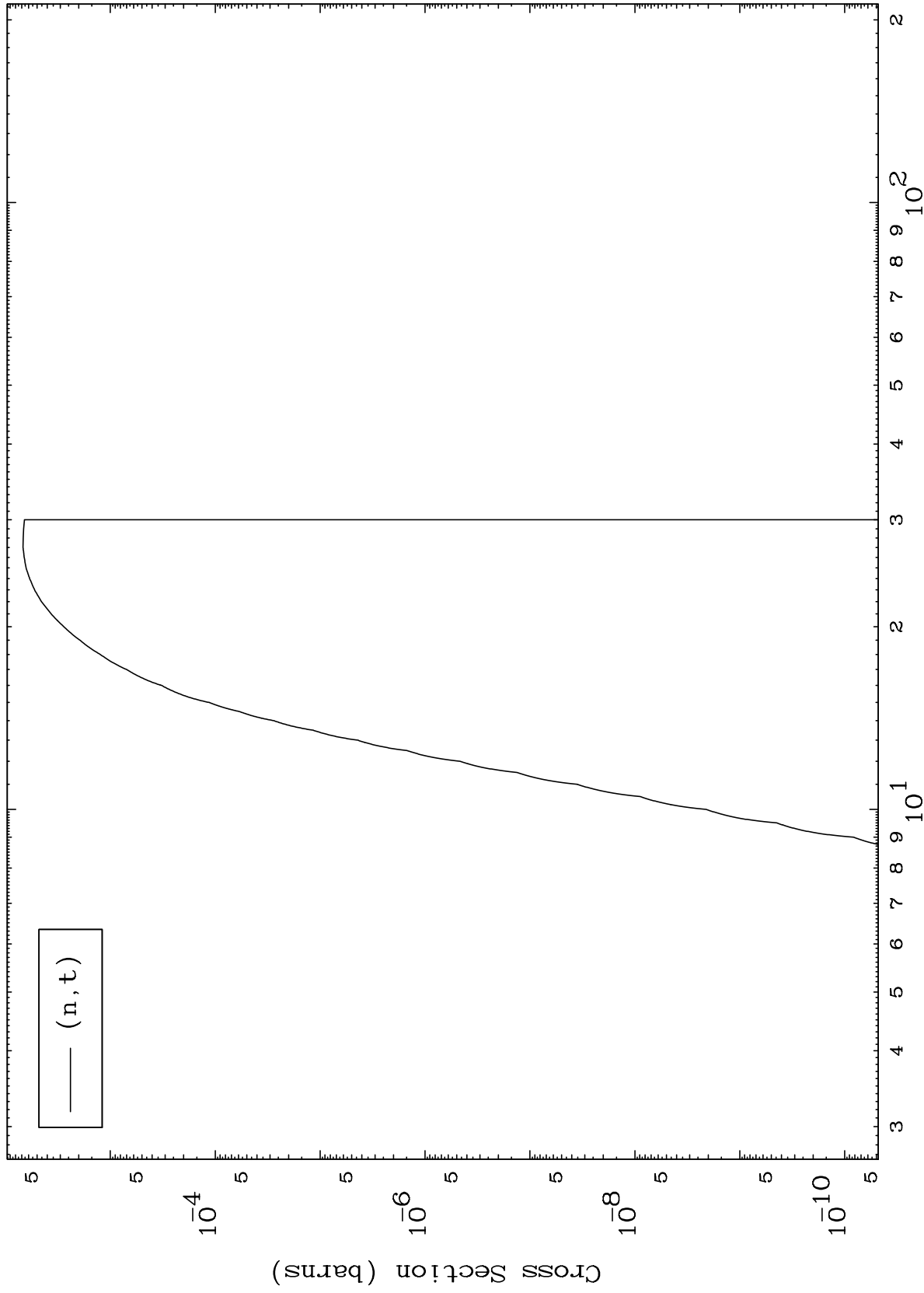
Incident Energy (MeV)

79-Au-194

MAT 7916

79-Au-194

(n,t) Levels
293 Kelvin Cross Sections



10

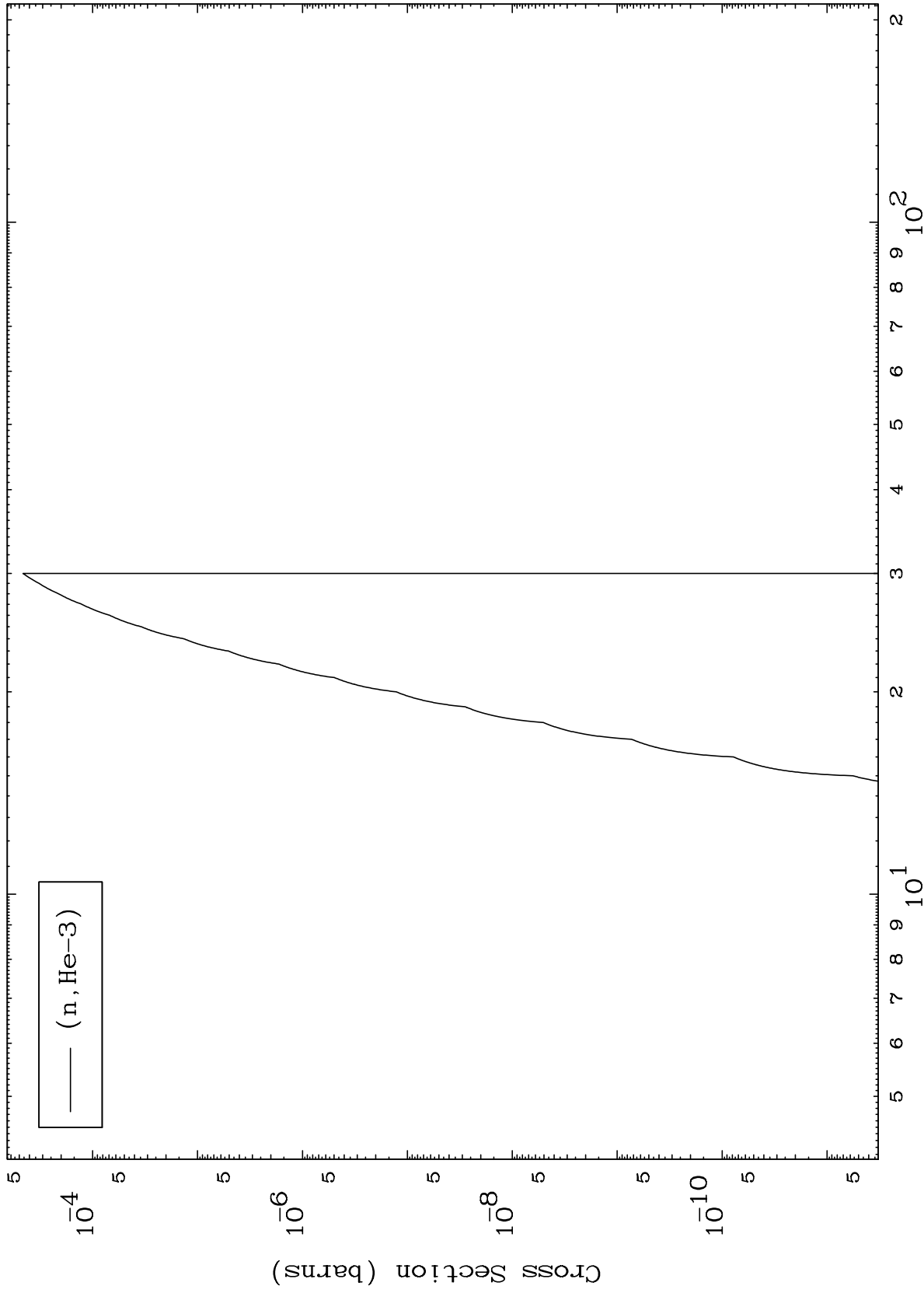
Incident Energy (MeV)

79-Au-194

MAT 7916

79-Au-194

(n,He3) Levels
293 Kelvin Cross Sections



11

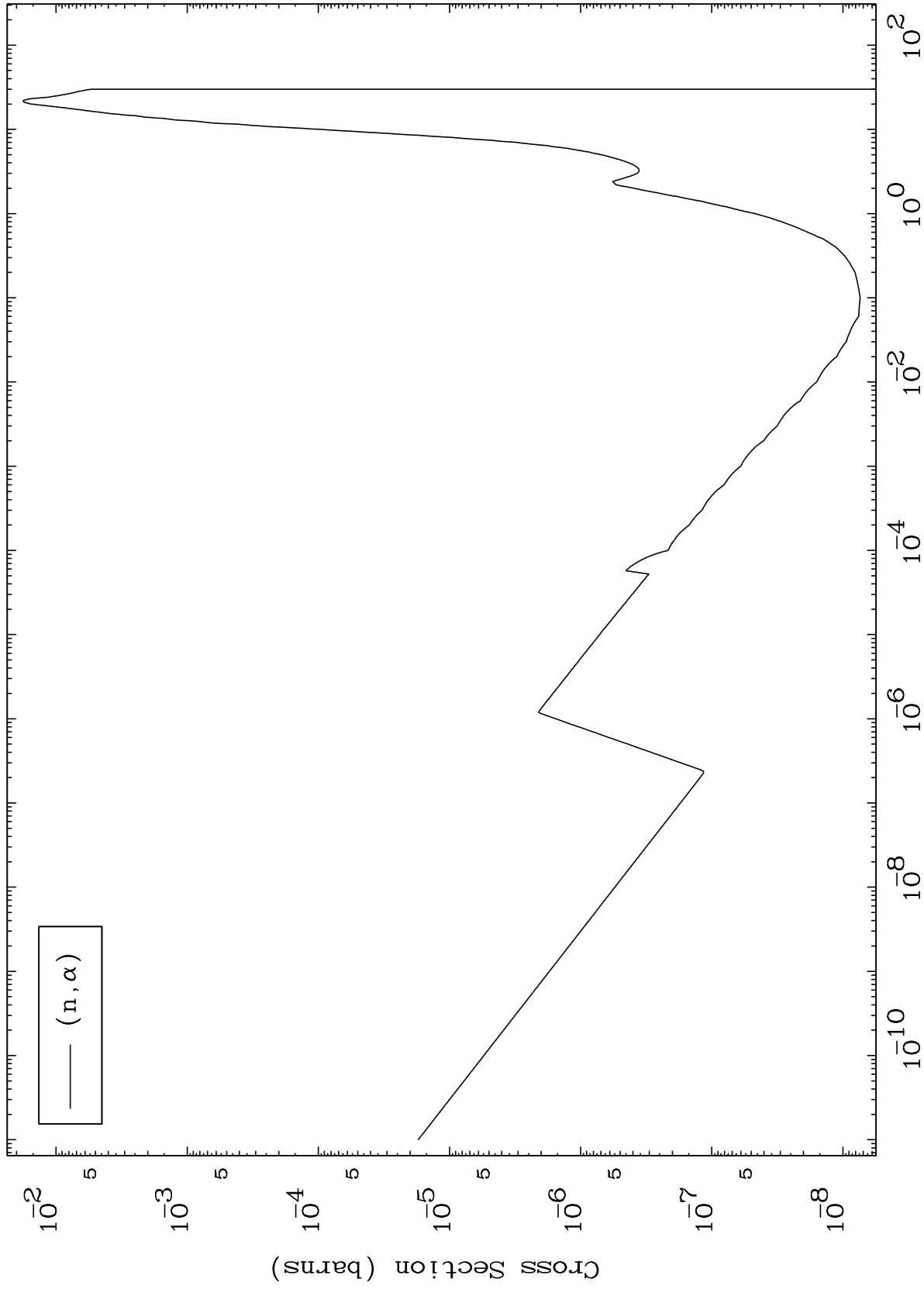
Incident Energy (MeV)

79-Au-194

MAT 7916

(n, α) Levels
293 Kelvin Cross Sections

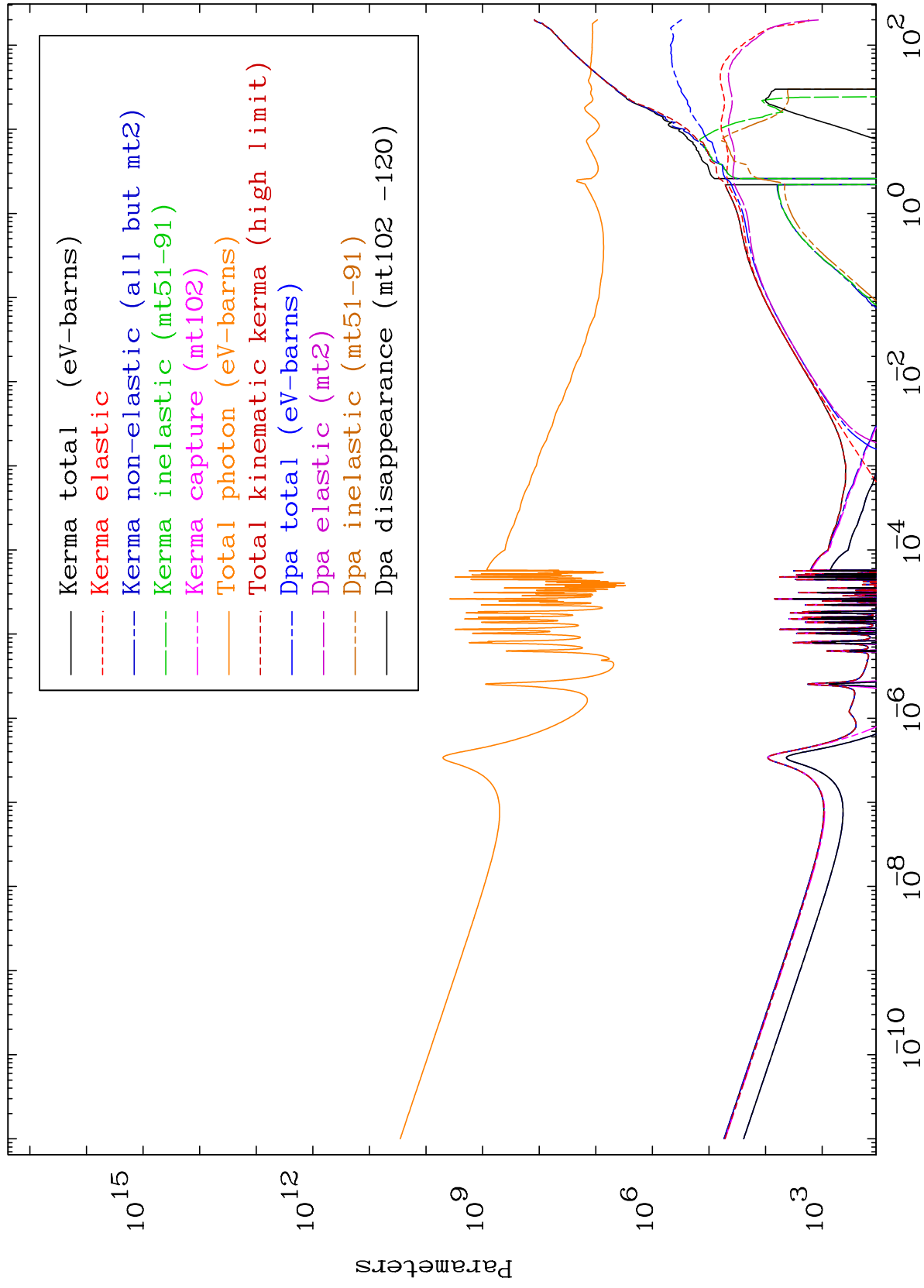
79-Au-194

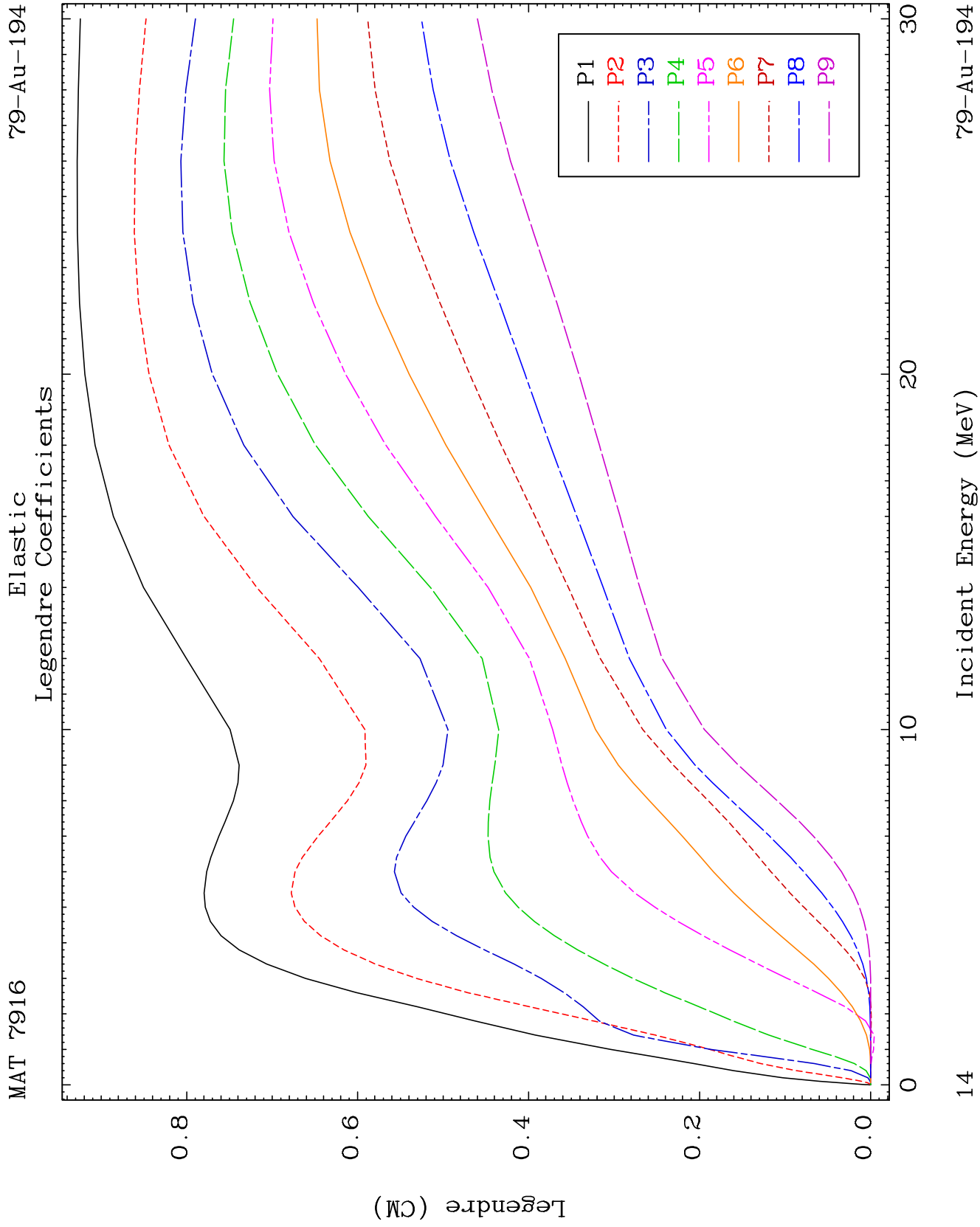


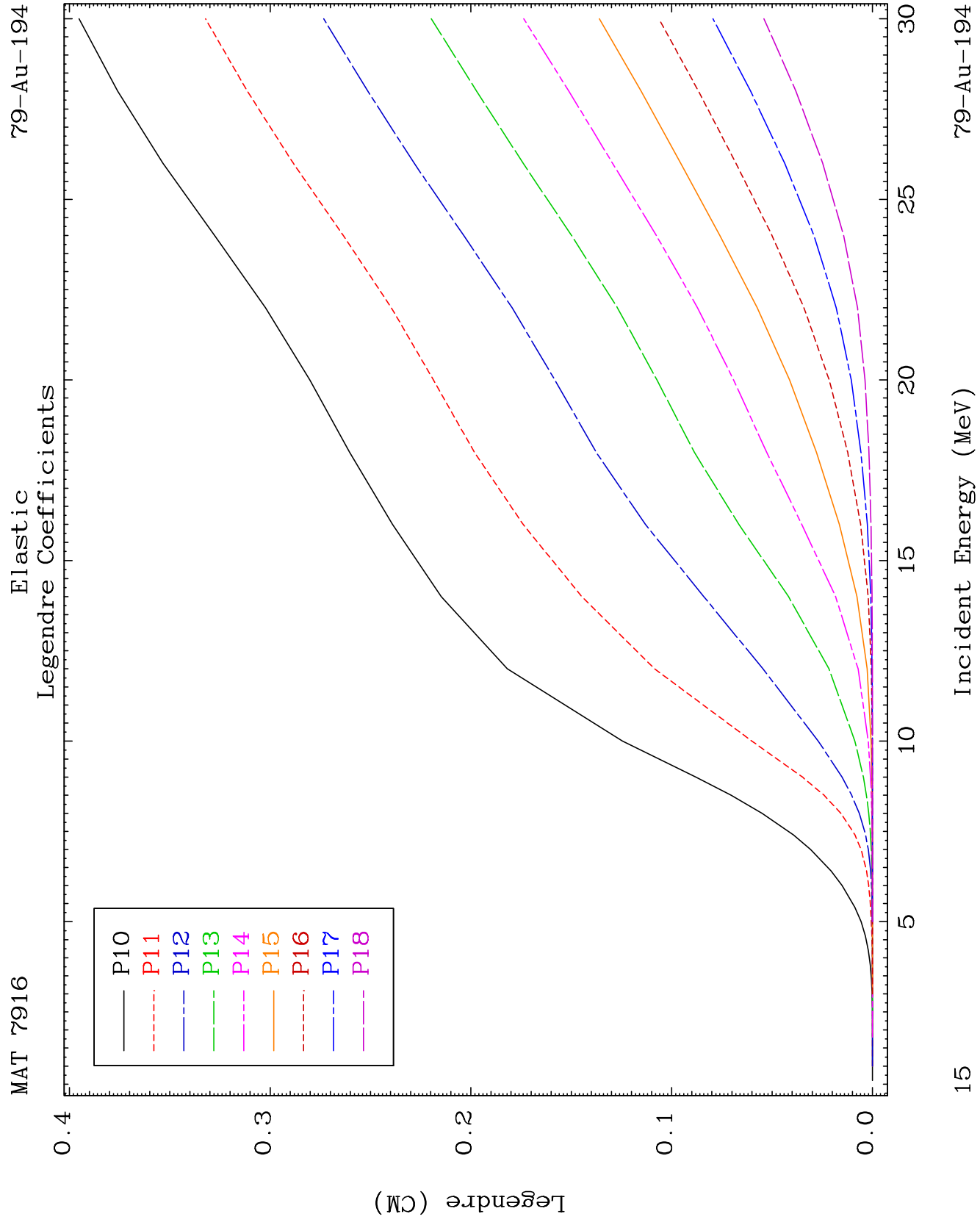
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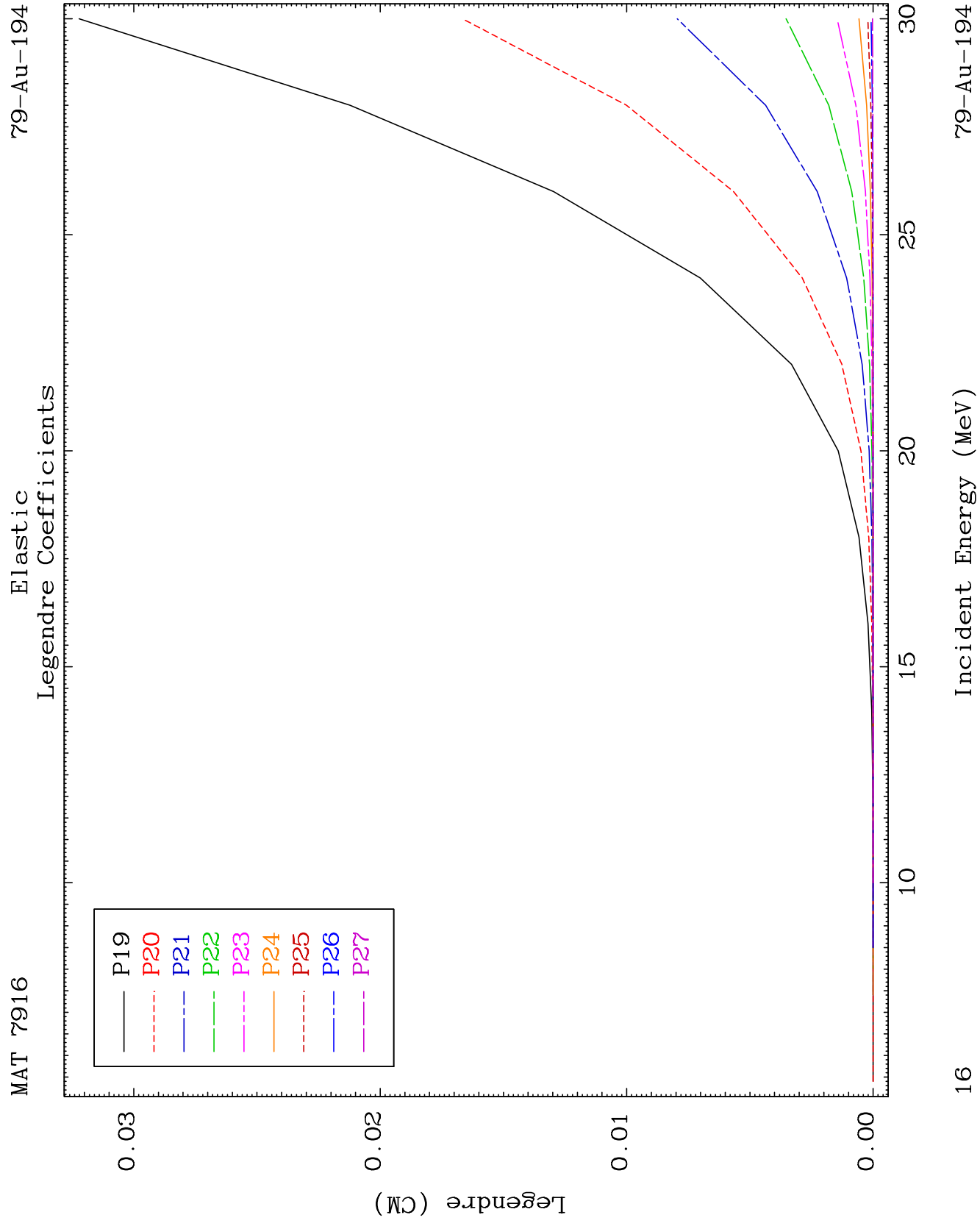
Incident Energy (MeV)

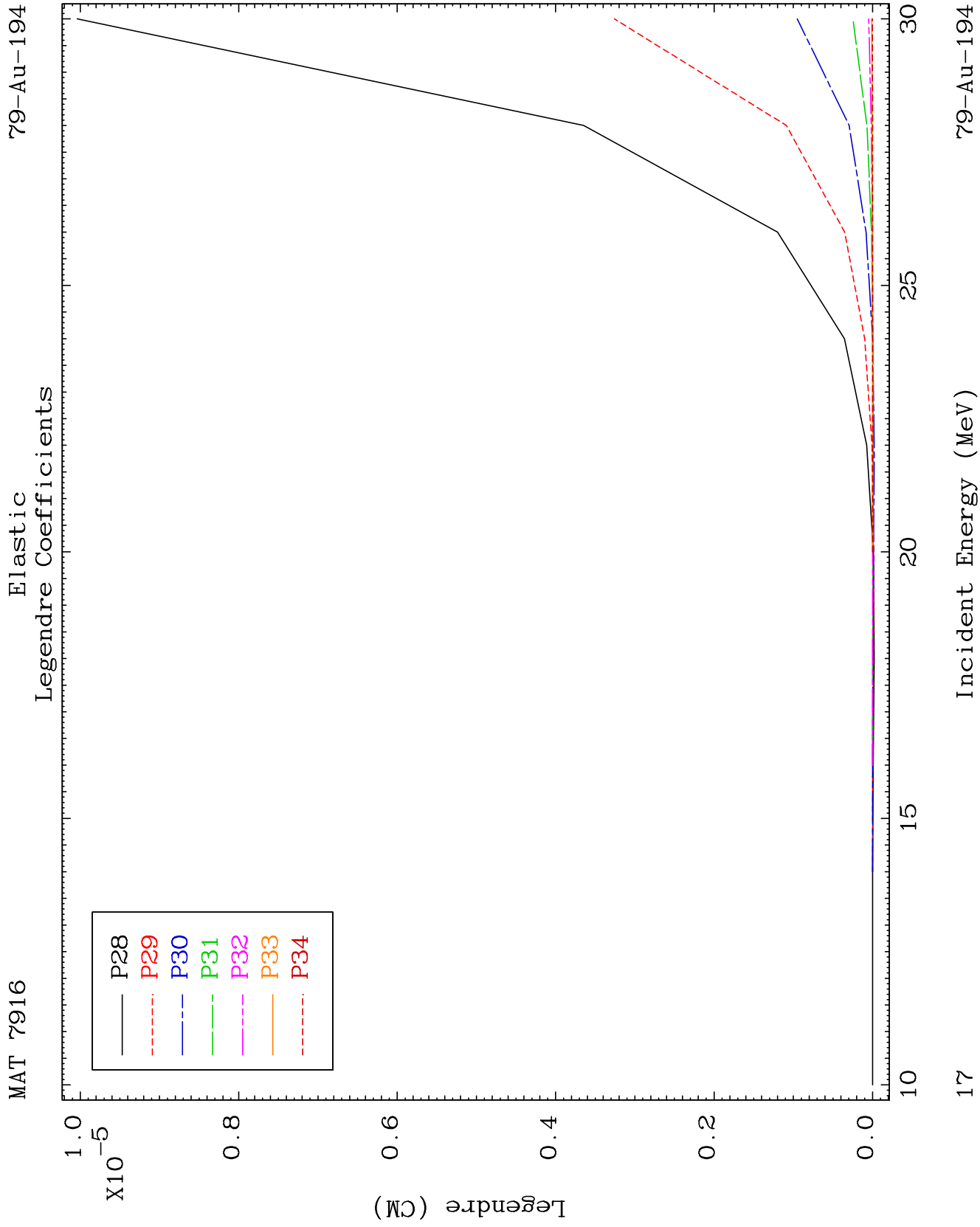
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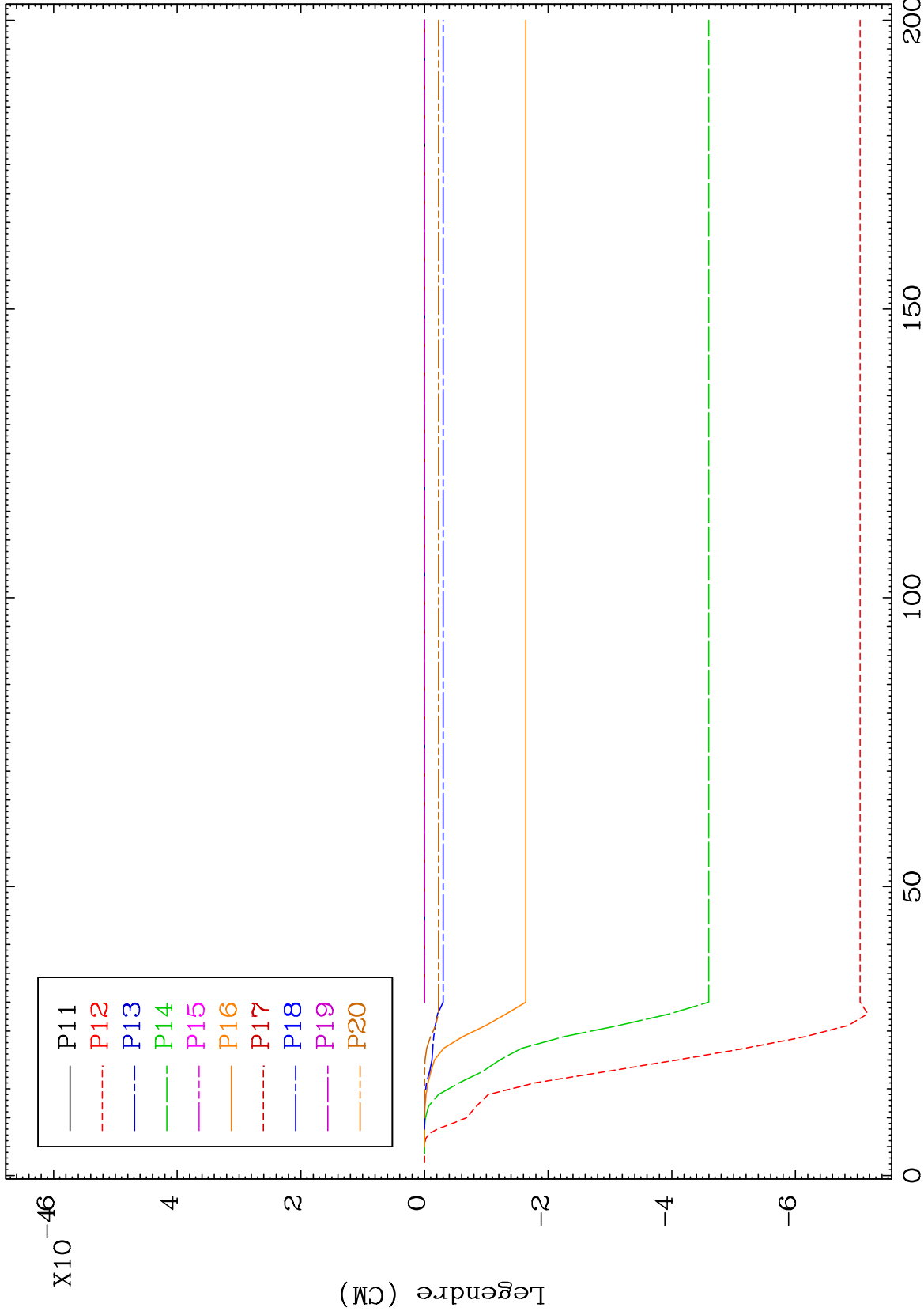




MAT 7916

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

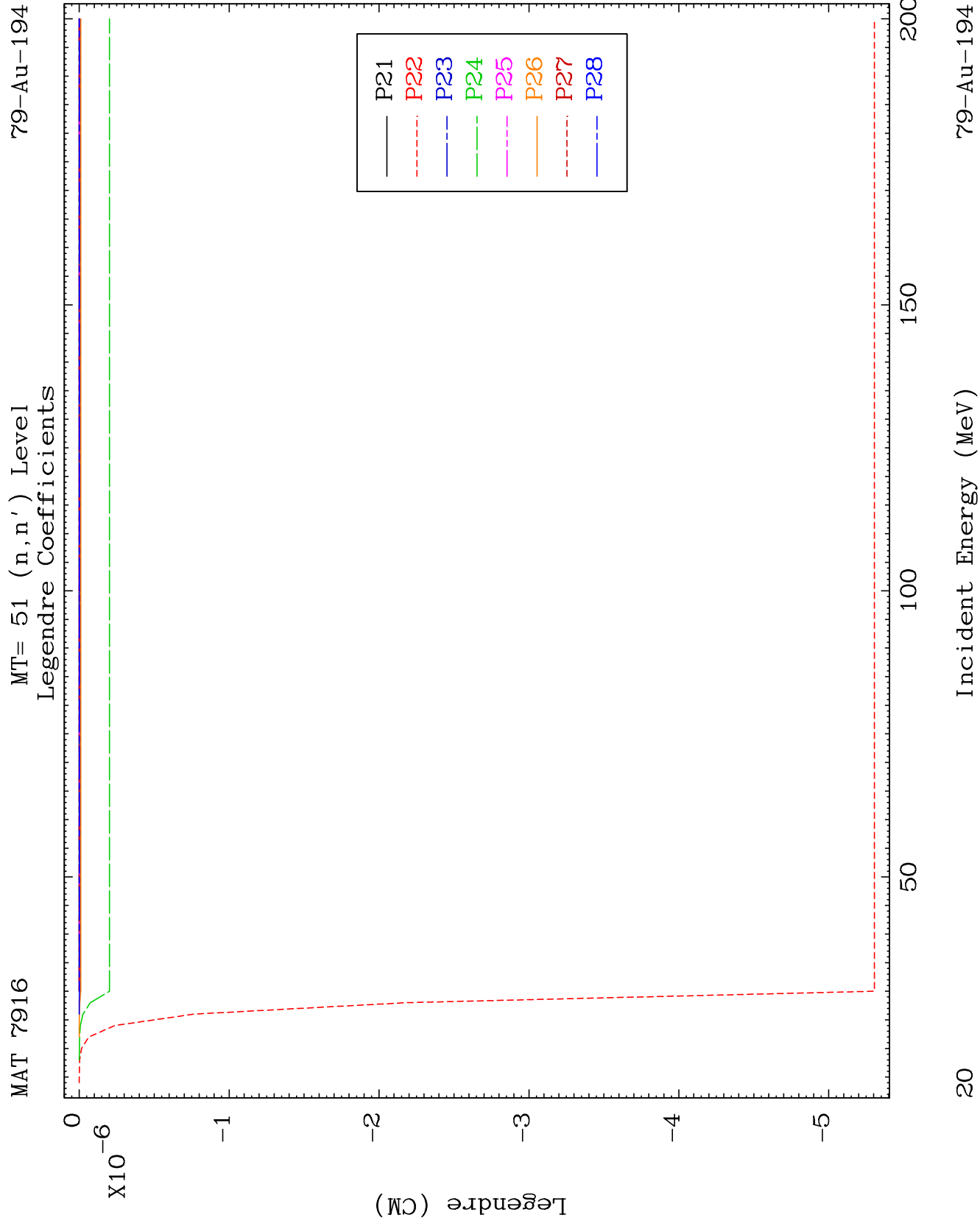
79-Au-194

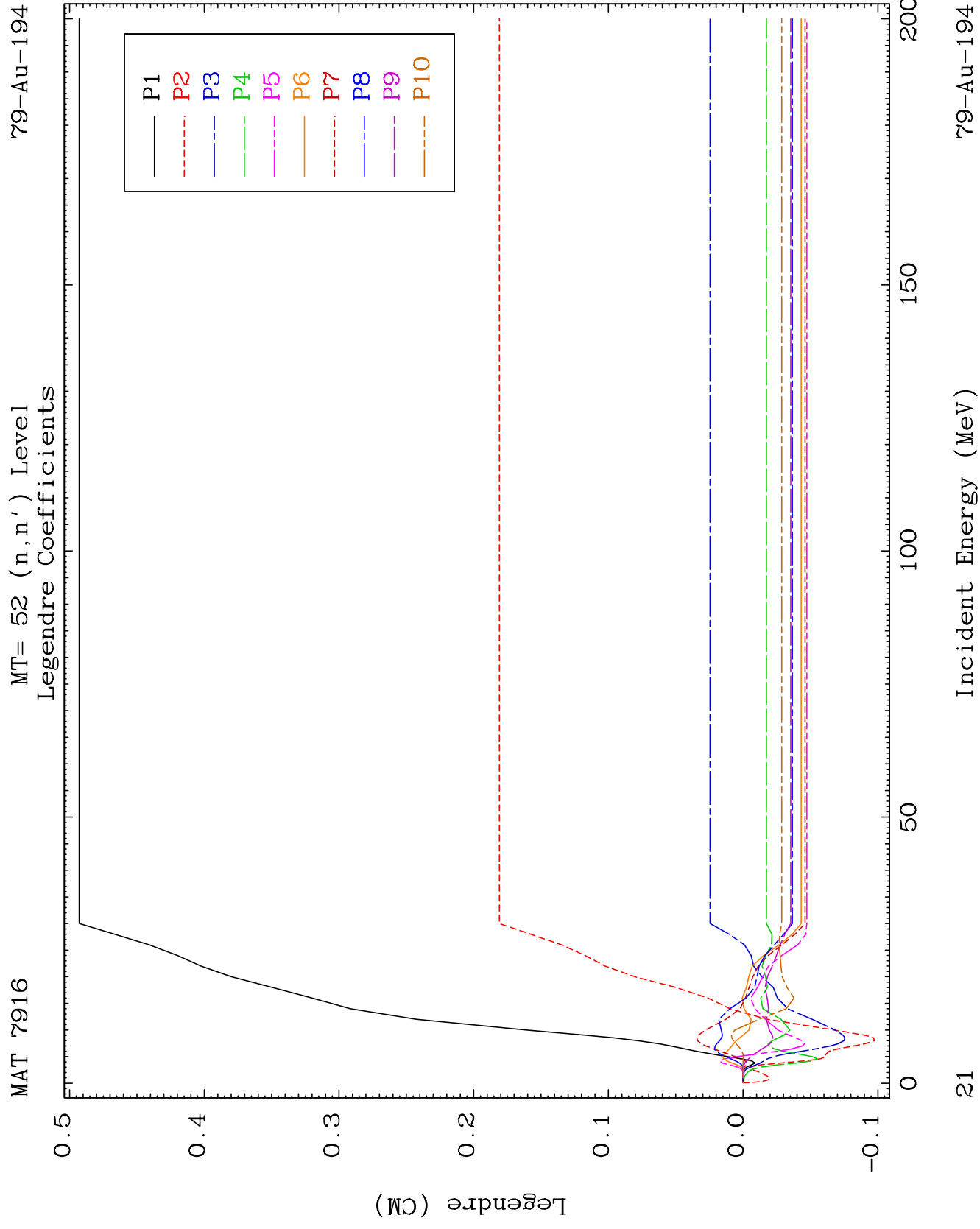


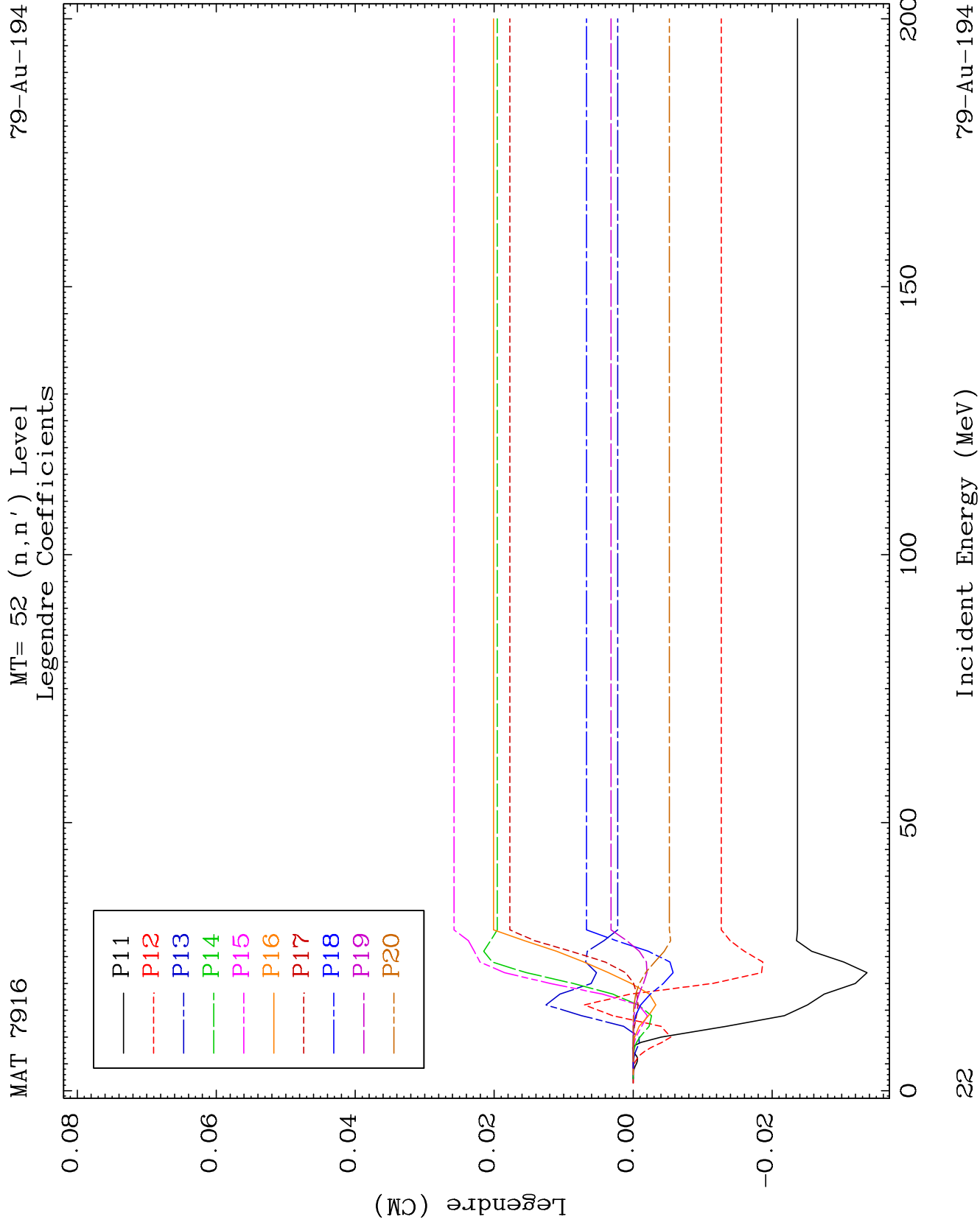
19

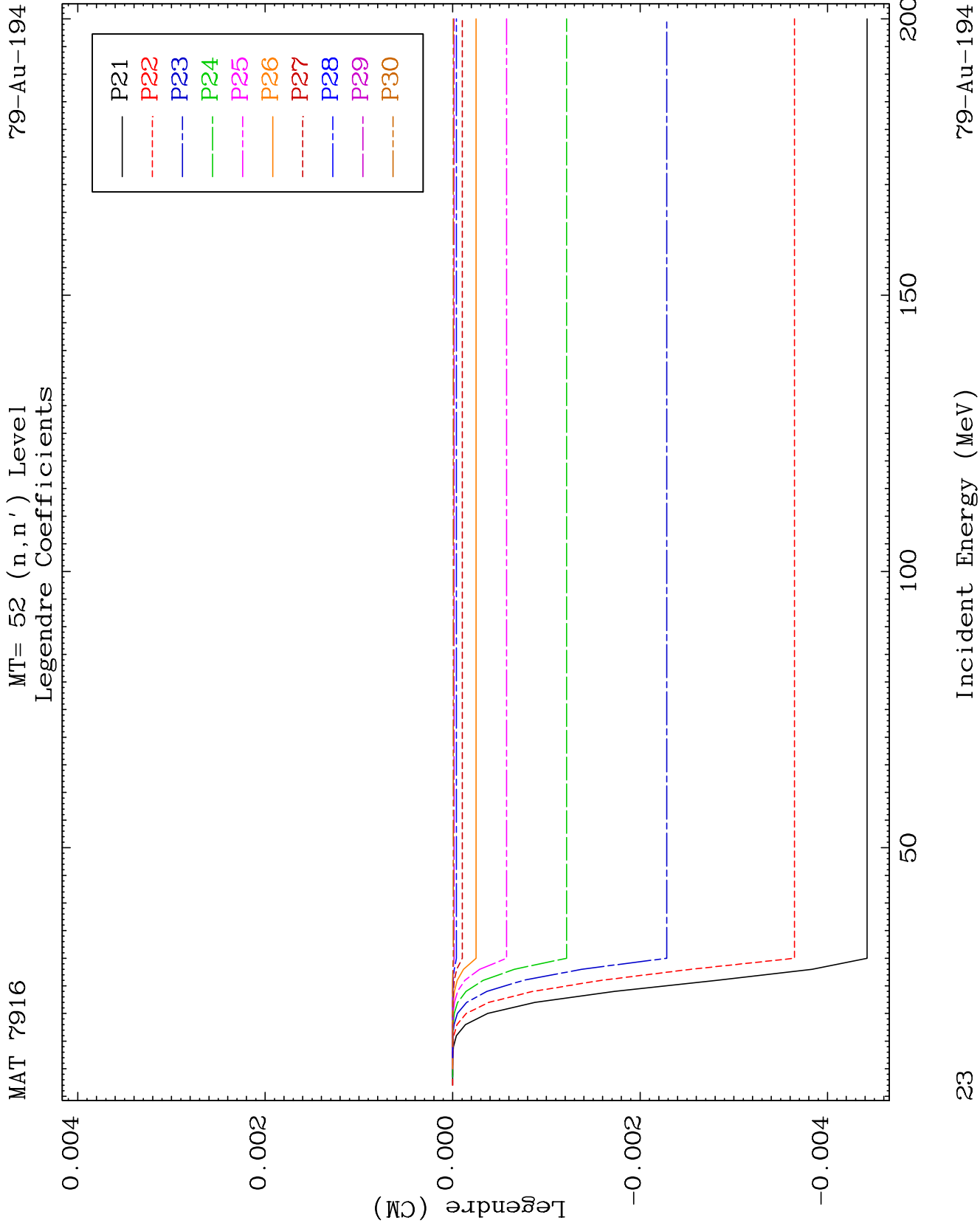
Incident Energy (MeV)

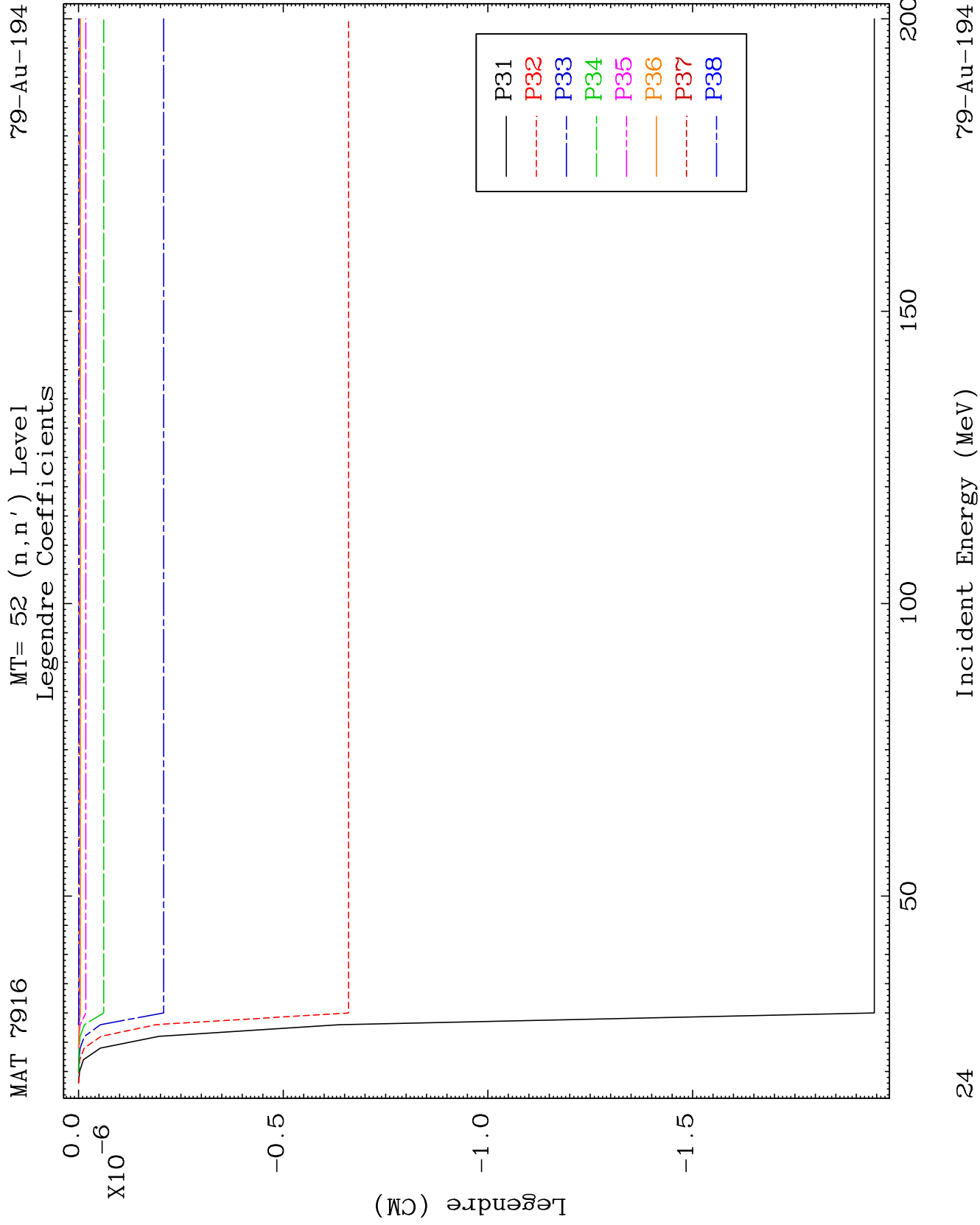
79-Au-194

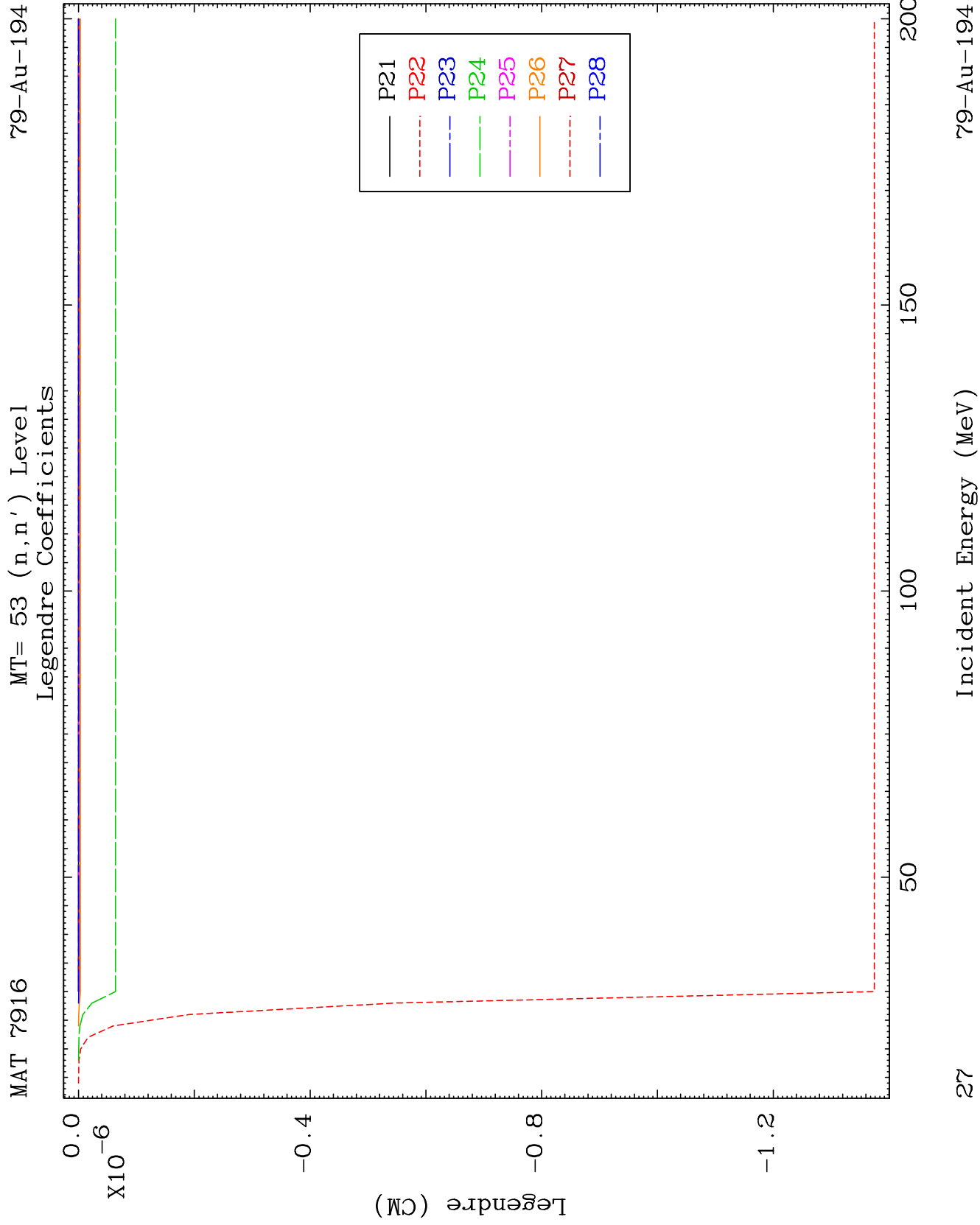








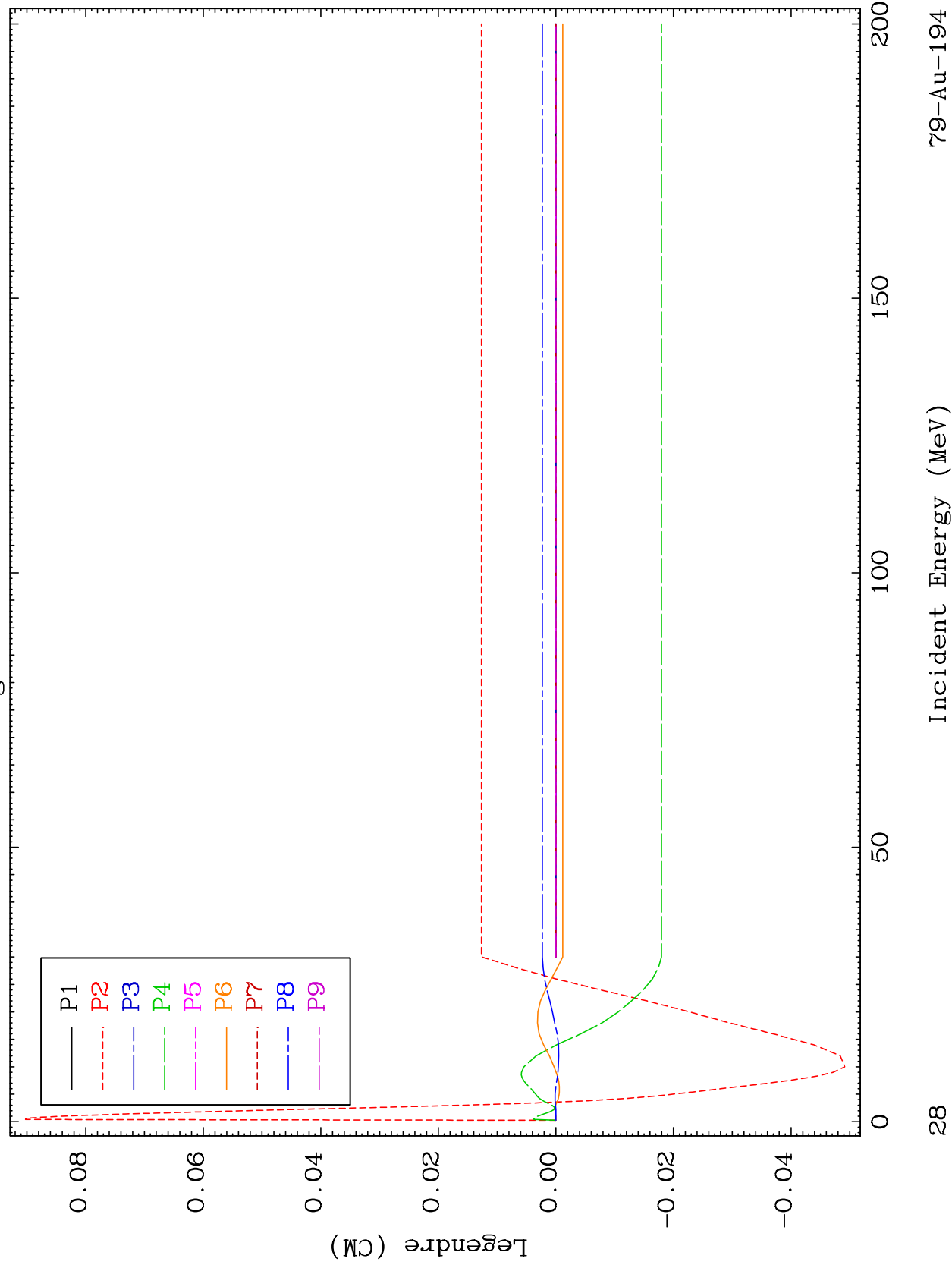




MAT 7916

MT= 54 (n, n') Level
Legendre Coefficients

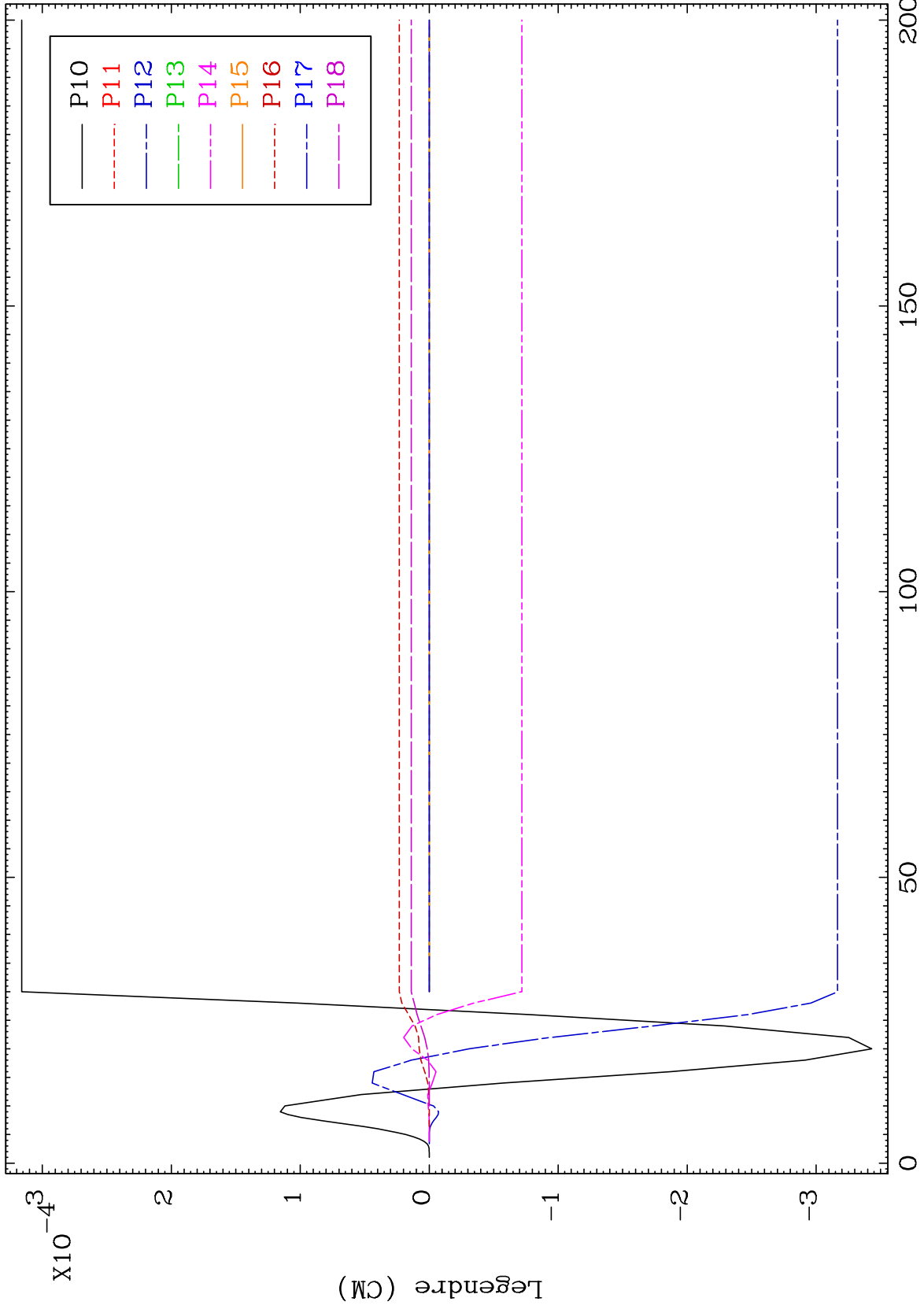
79-Au-194



MAT 7916

MT= 54 (n,n') Level
Legendre Coefficients

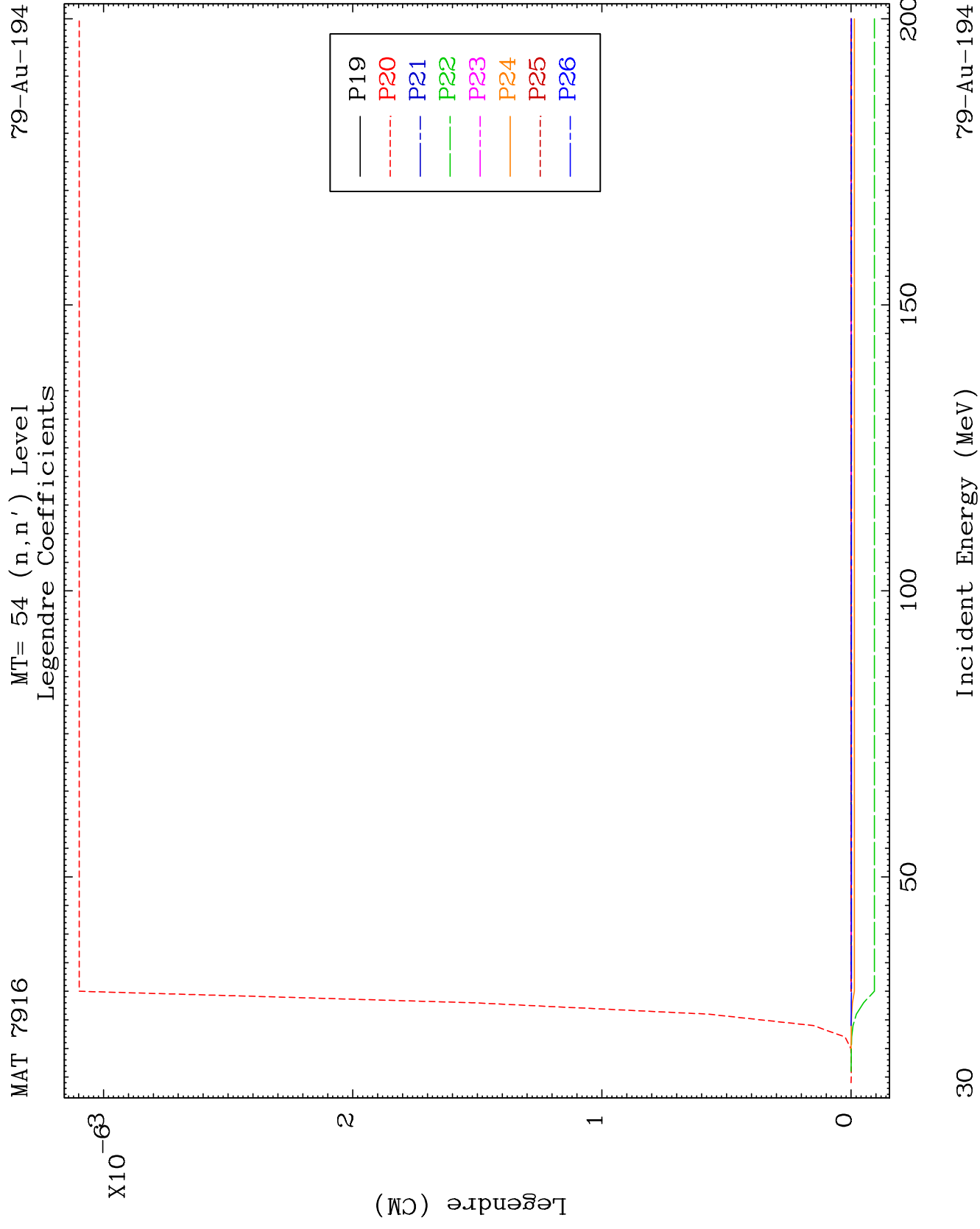
79-Au-194

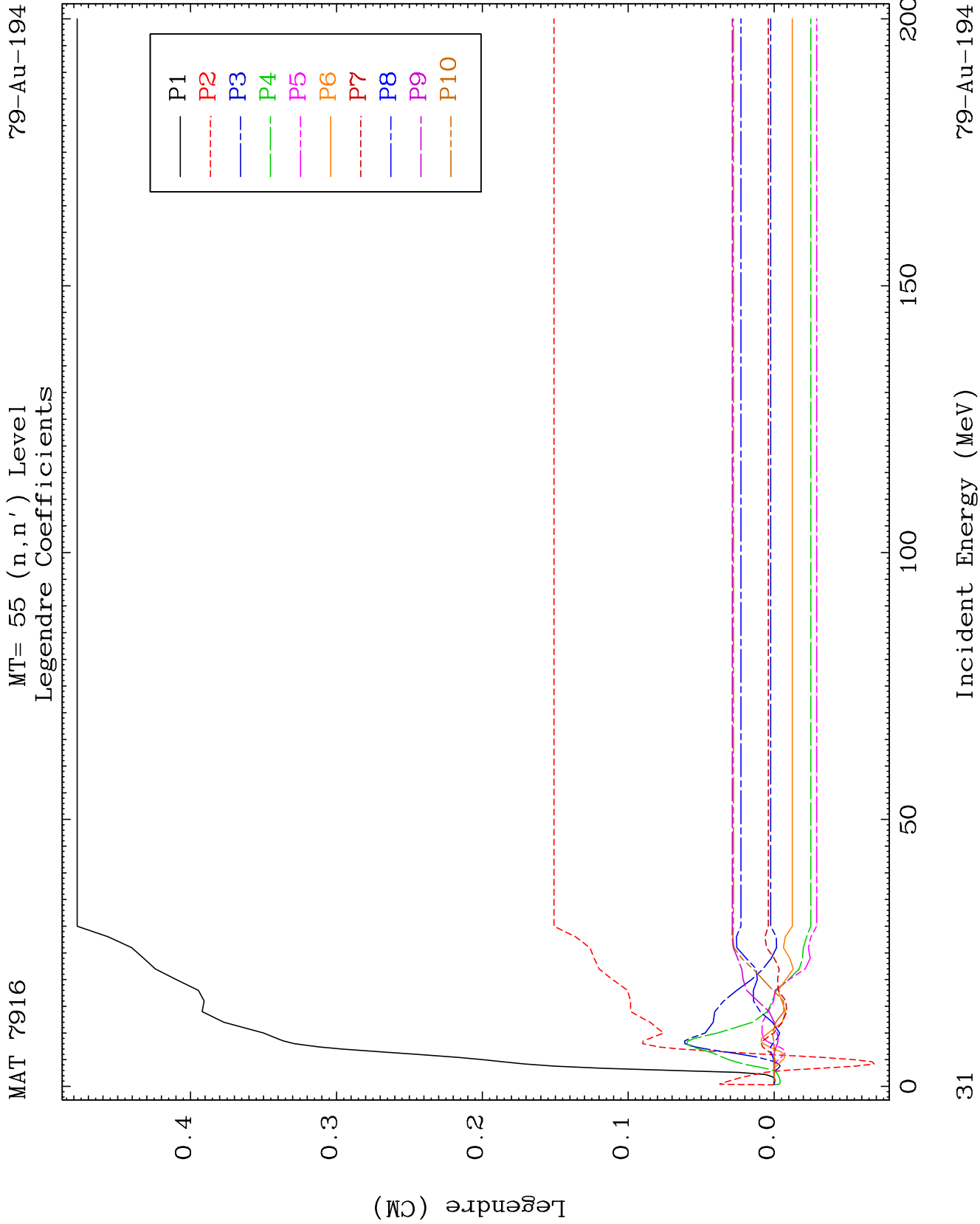


29

Incident Energy (MeV)

79-Au-194

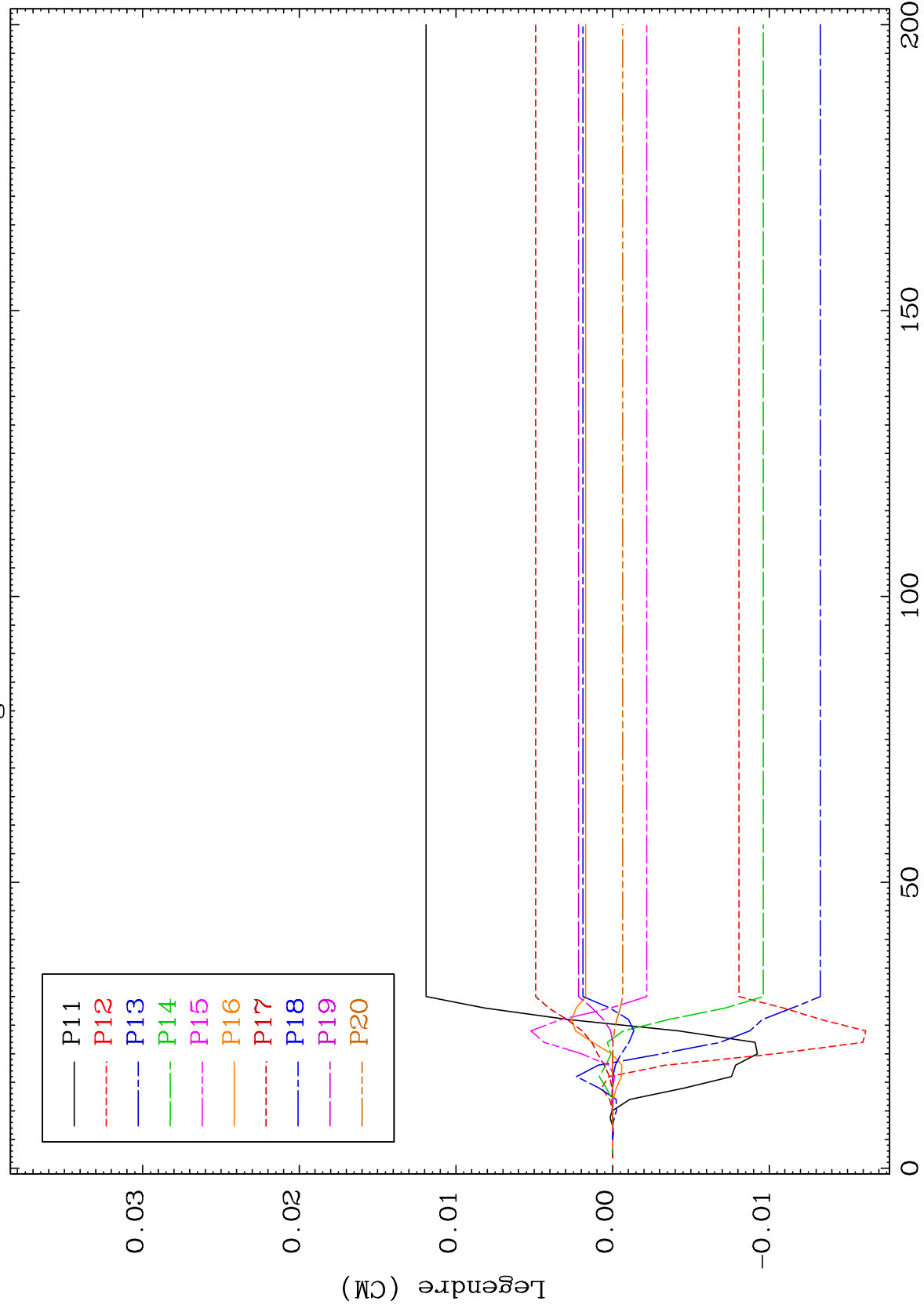




MAT 7916

MT= 55 (n, n') Level
Legendre Coefficients

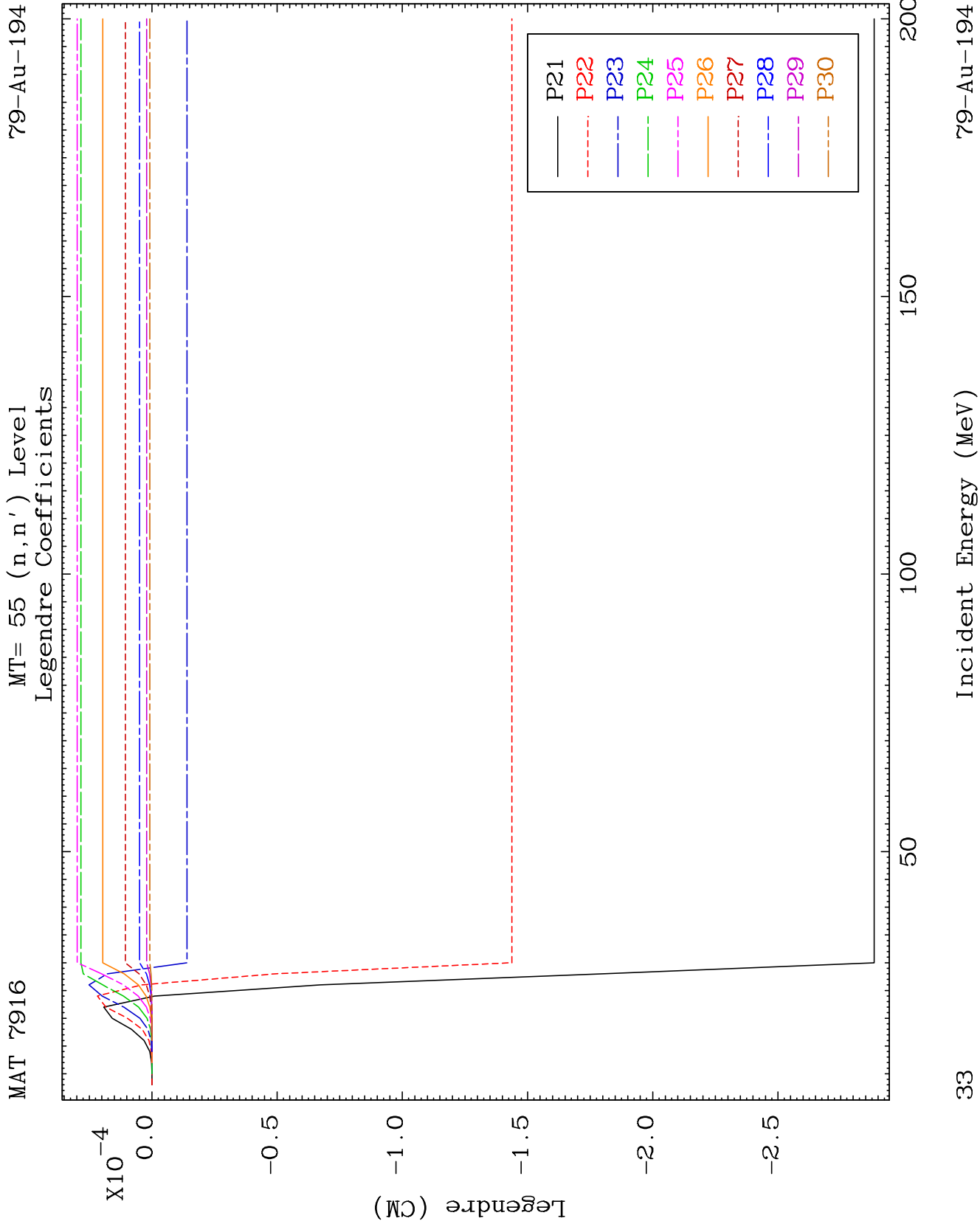
79-Au-194

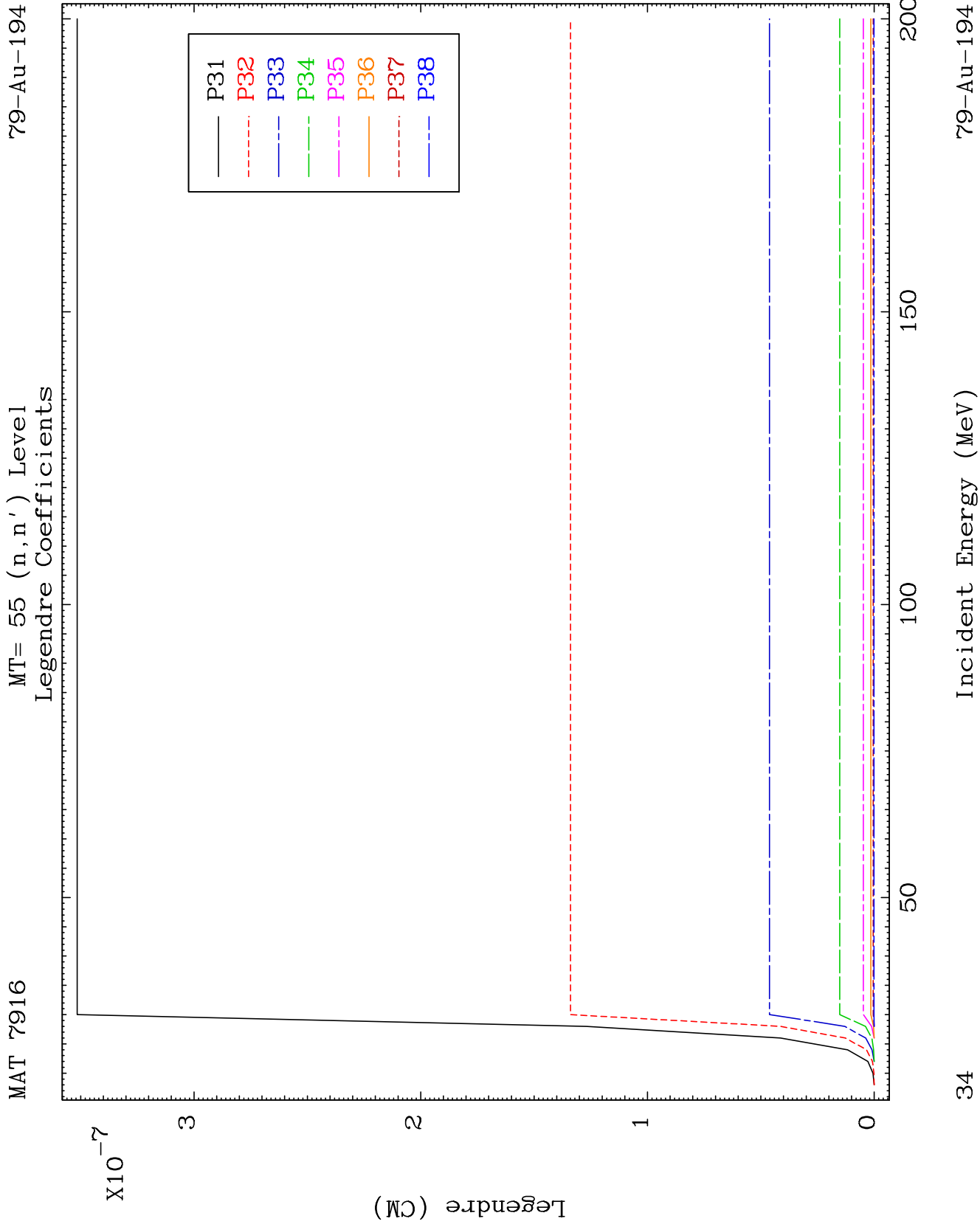


32

Incident Energy (MeV)

79-Au-194

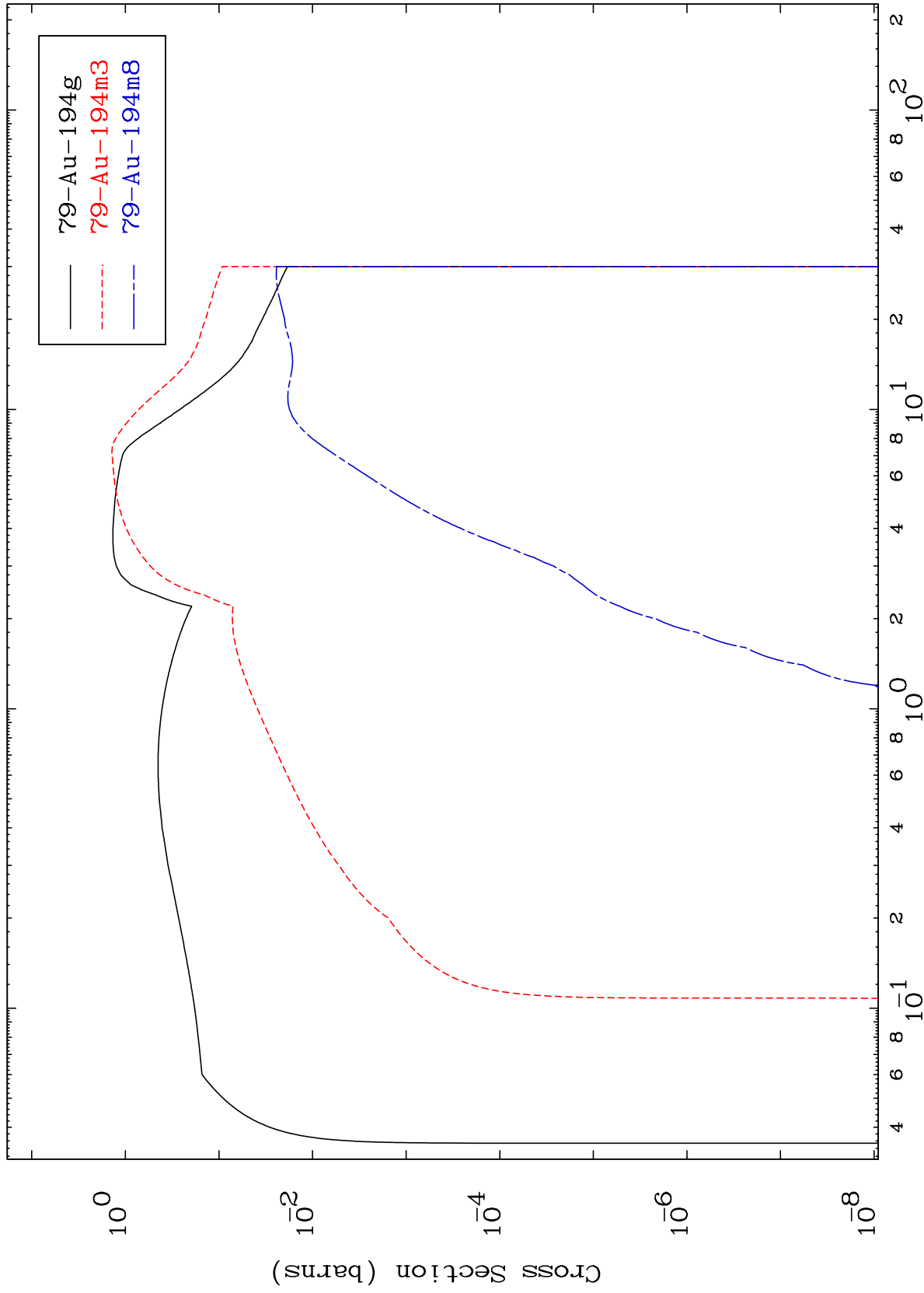




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Radionuclide Production Cross Section

$^{79}\text{Au-194}$



35

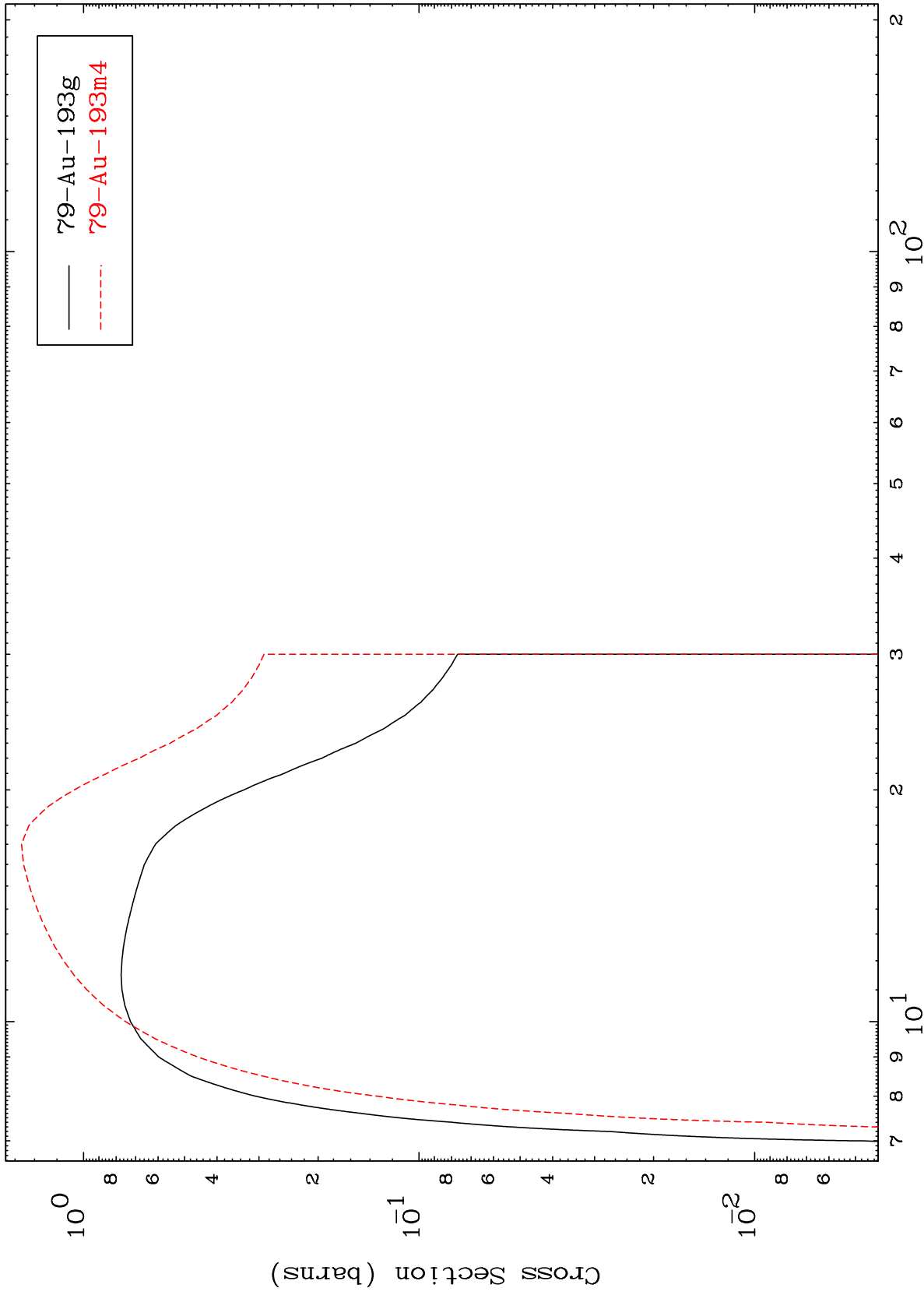
Incident Energy (MeV)

$^{79}\text{Au-194}$

MAT 7916

79-Au-194

(n,2n)
Radionuclide Production Cross Section



36

Incident Energy (MeV)

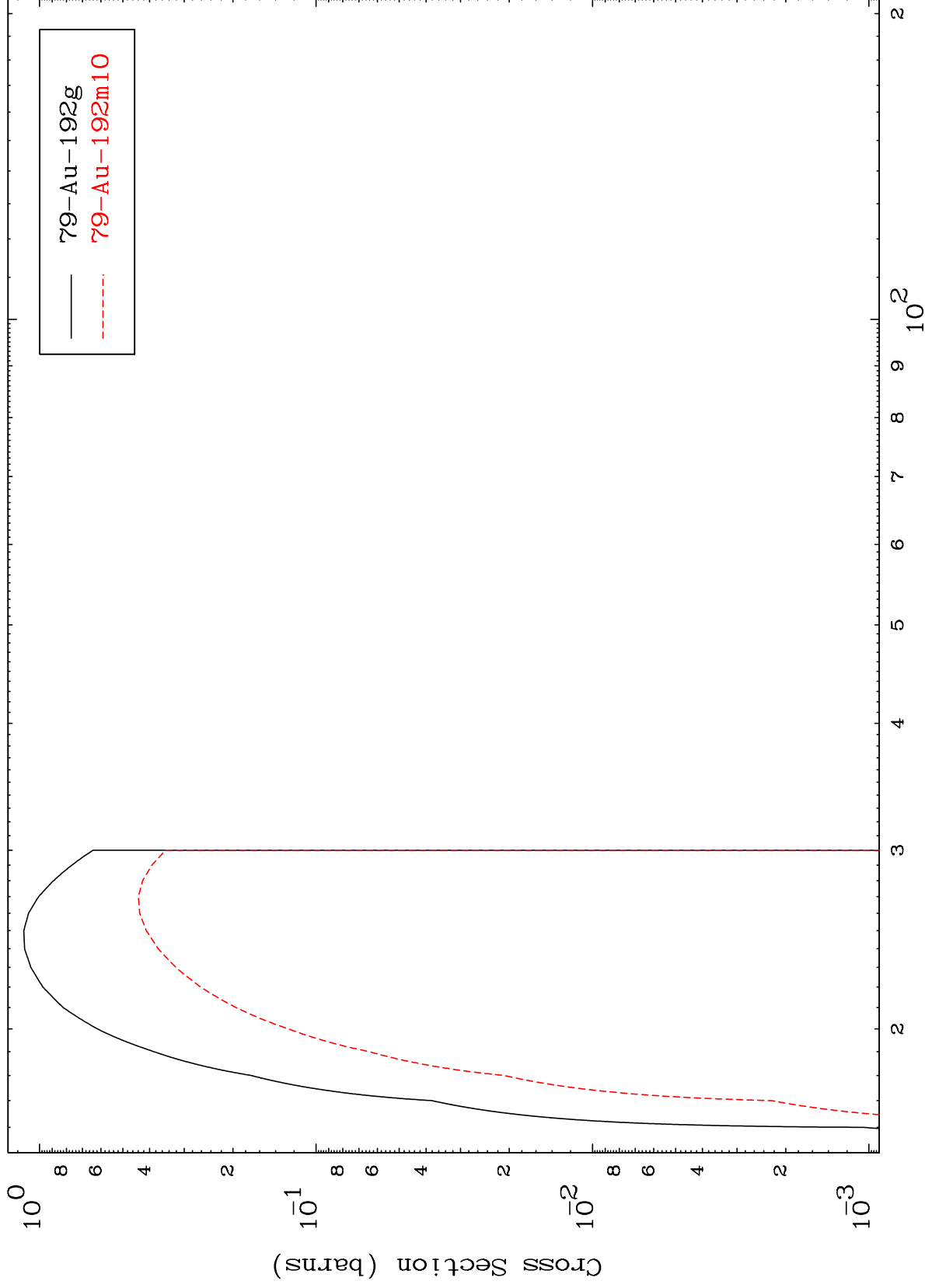
79-Au-194

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(n,3n)

⁷⁹Au-194

Radionuclide Production Cross Section



37

Incident Energy (MeV)

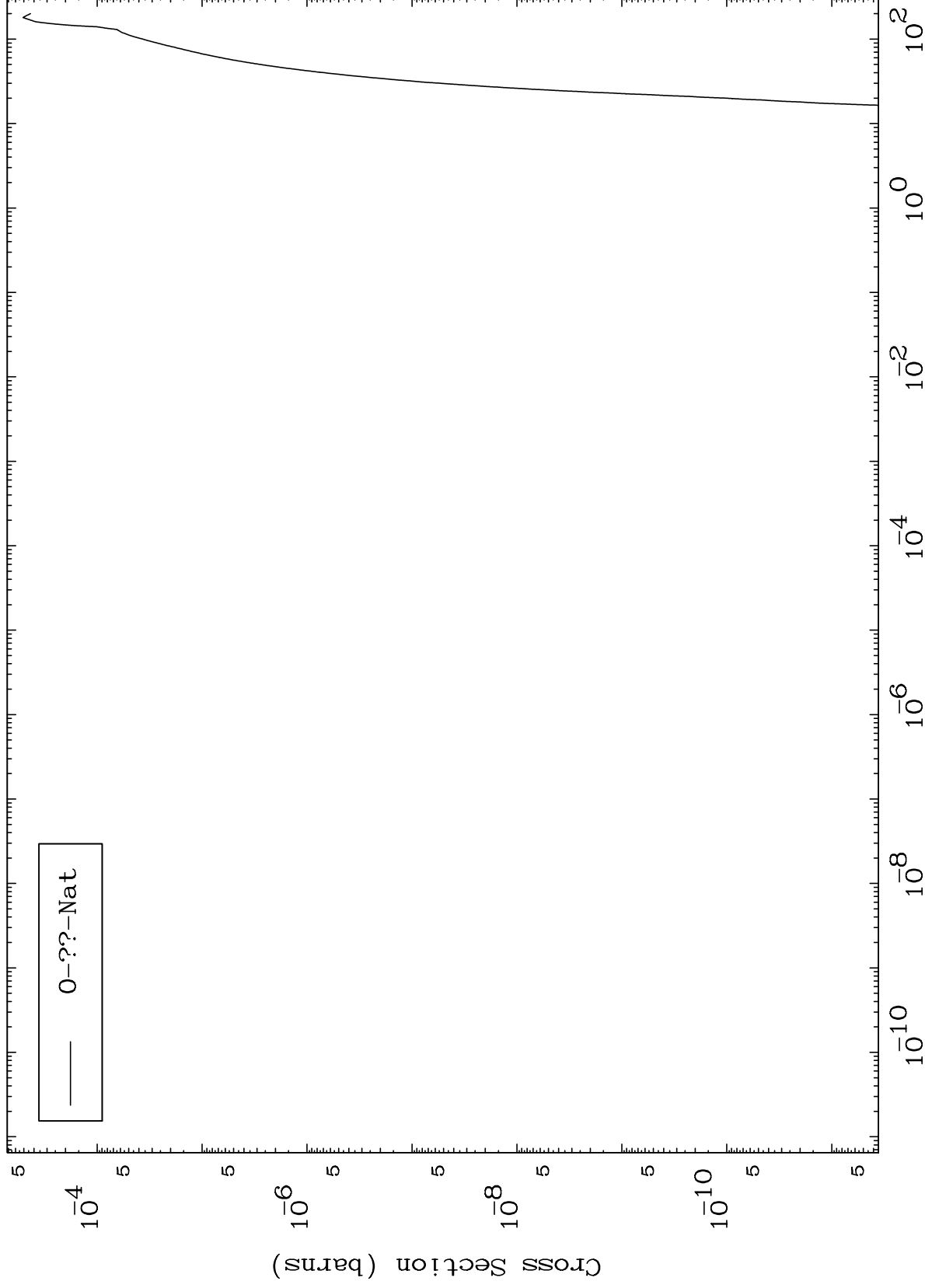
⁷⁹Au-194

MAT 7916

Fission

⁷⁹Au-194

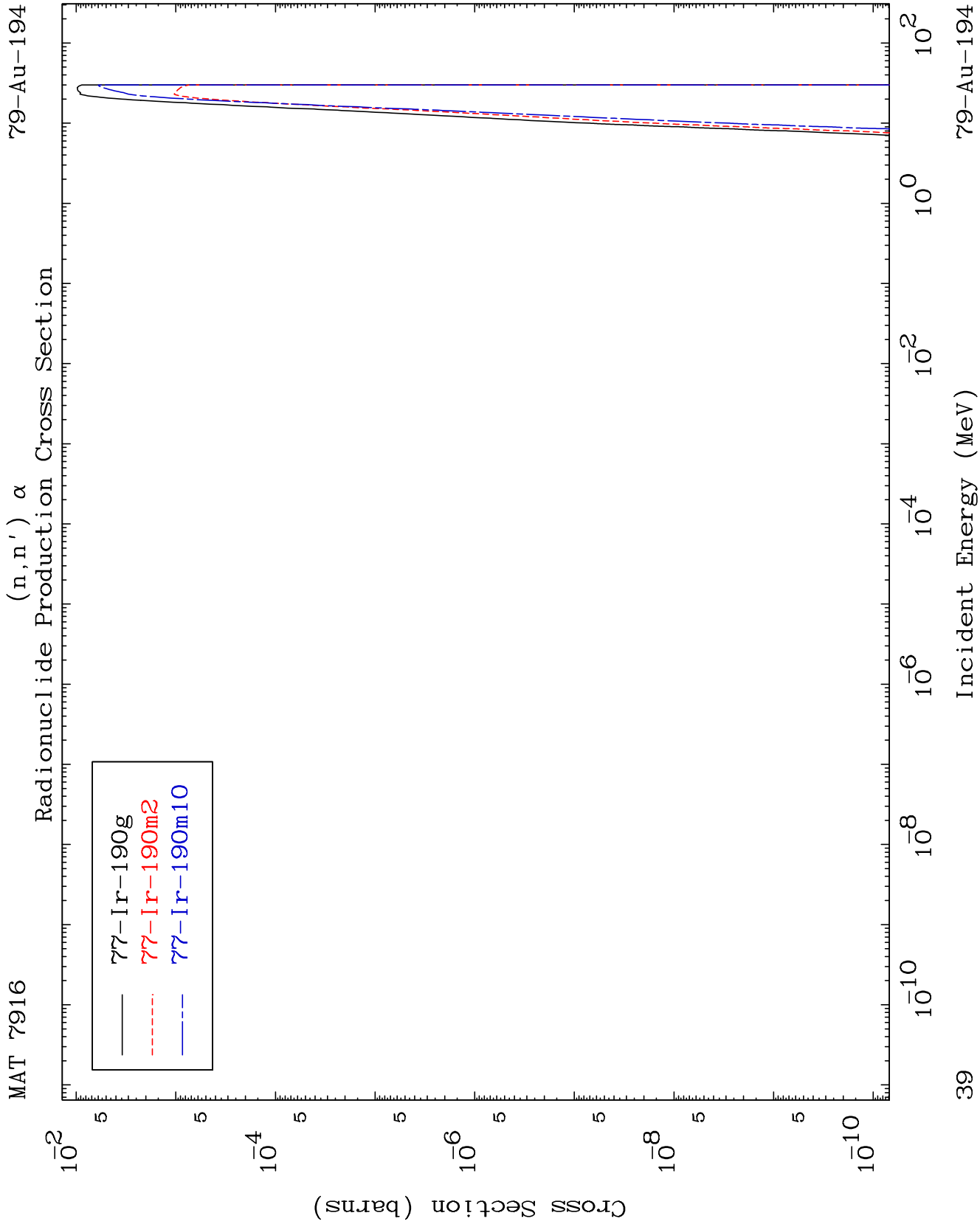
Radionuclide Production Cross Section



38

Incident Energy (MeV)

⁷⁹Au-194

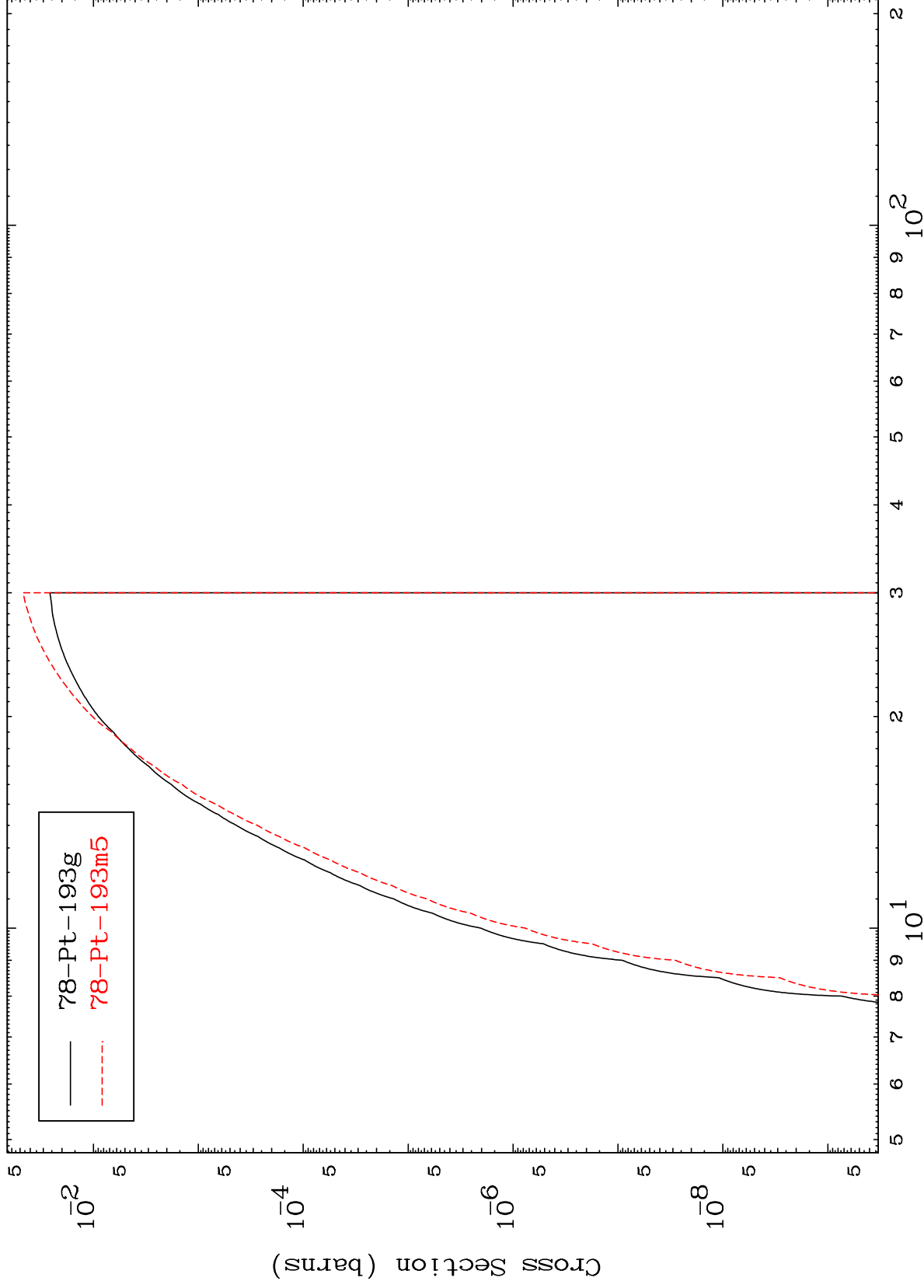


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(n,n') p

⁷⁹Au-194

Radionuclide Production Cross Section



40

Incident Energy (MeV)

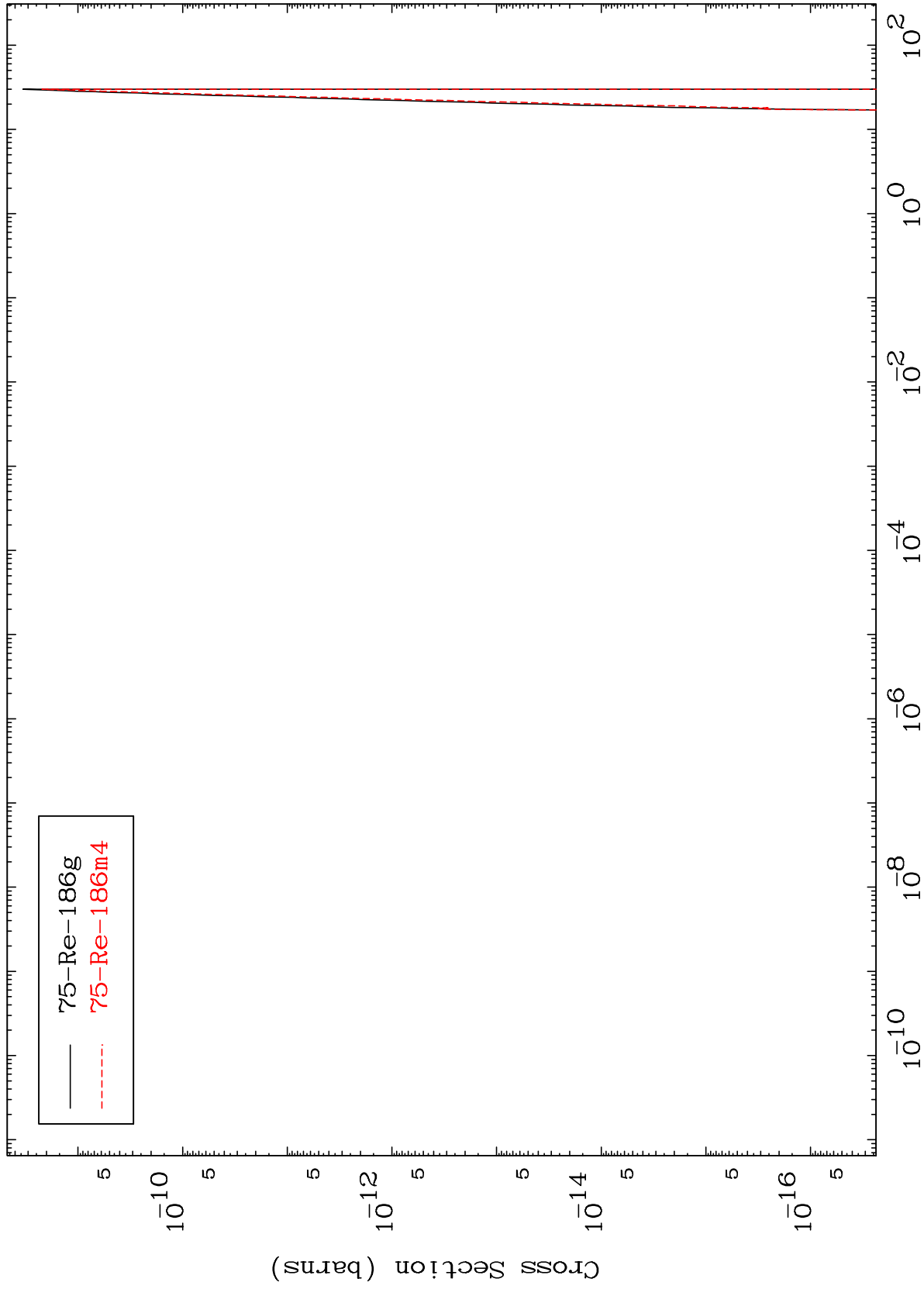
⁷⁹Au-194

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(n,n') 2α

$^{79}\text{Au-194}$

Radionuclide Production Cross Section

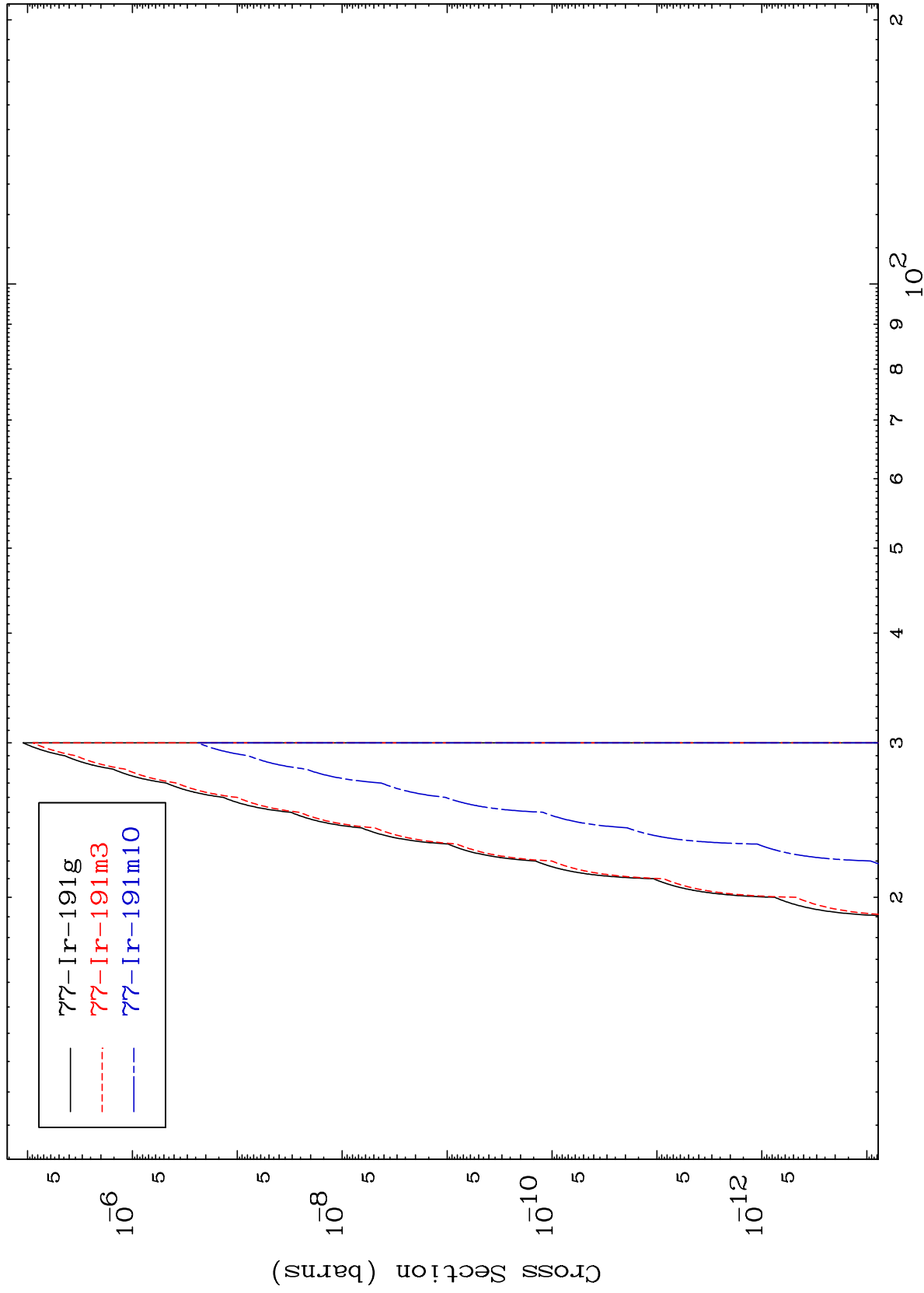


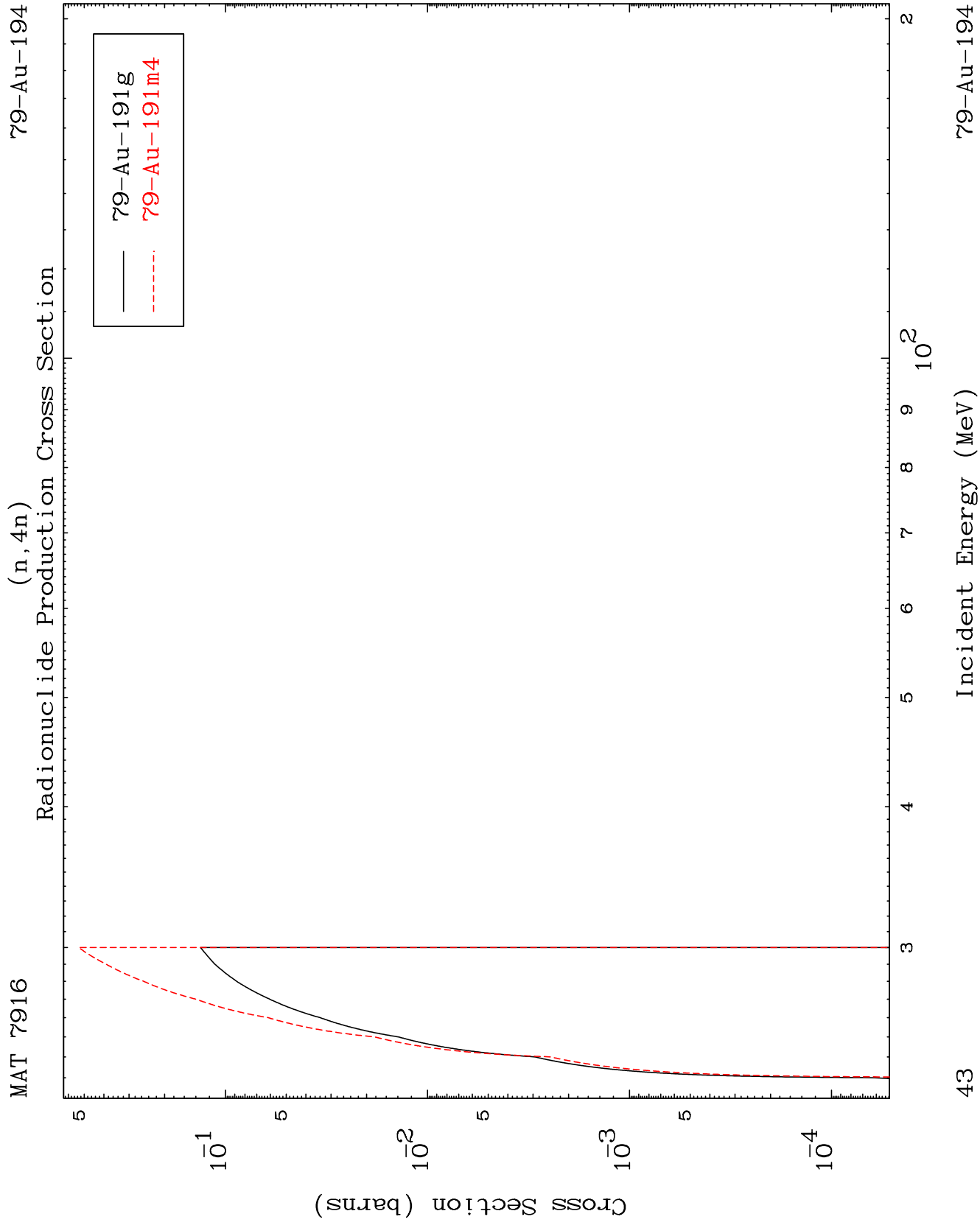
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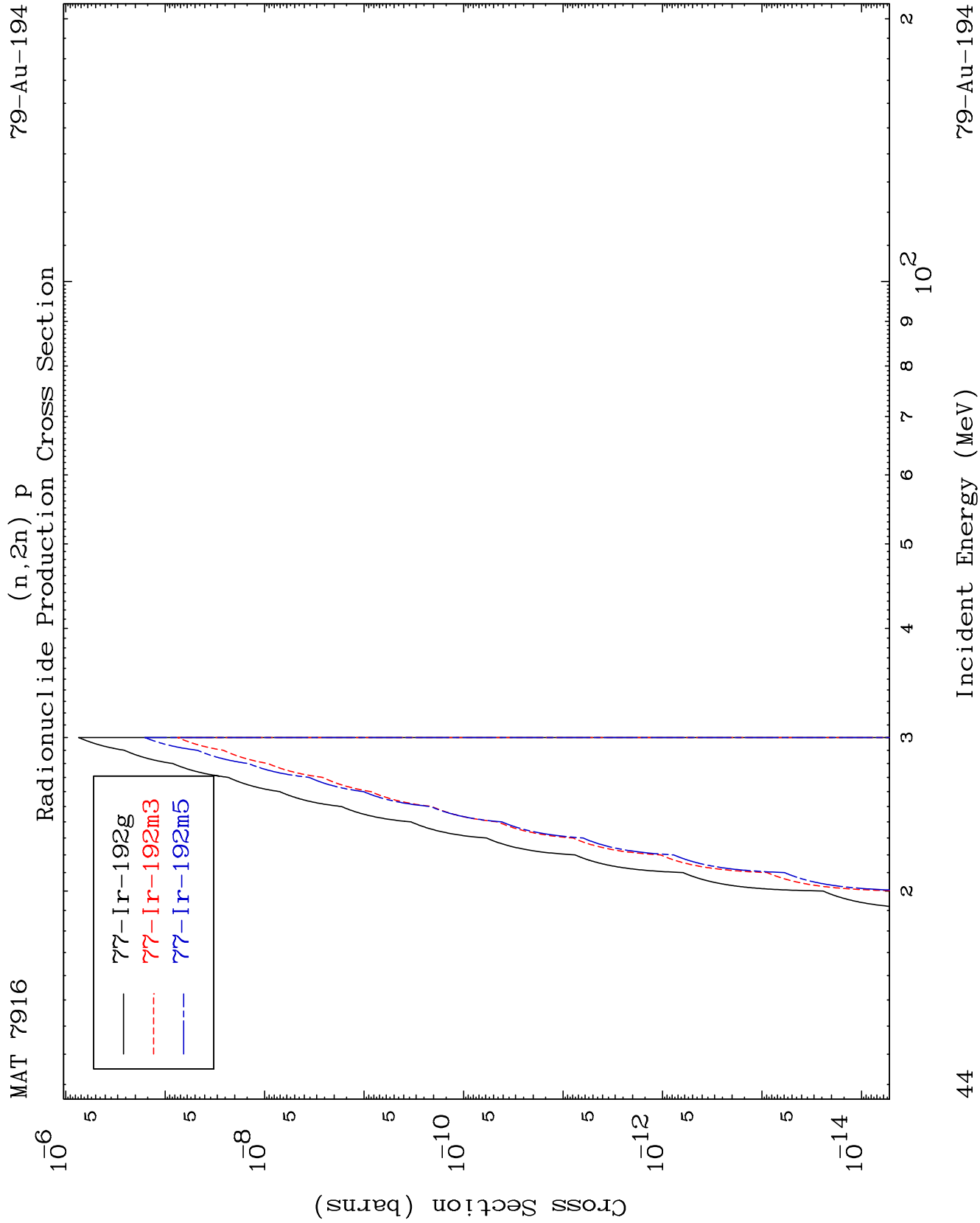
Incident Energy (MeV)

$^{79}\text{Au-194}$

Radionuclide Production Cross Section



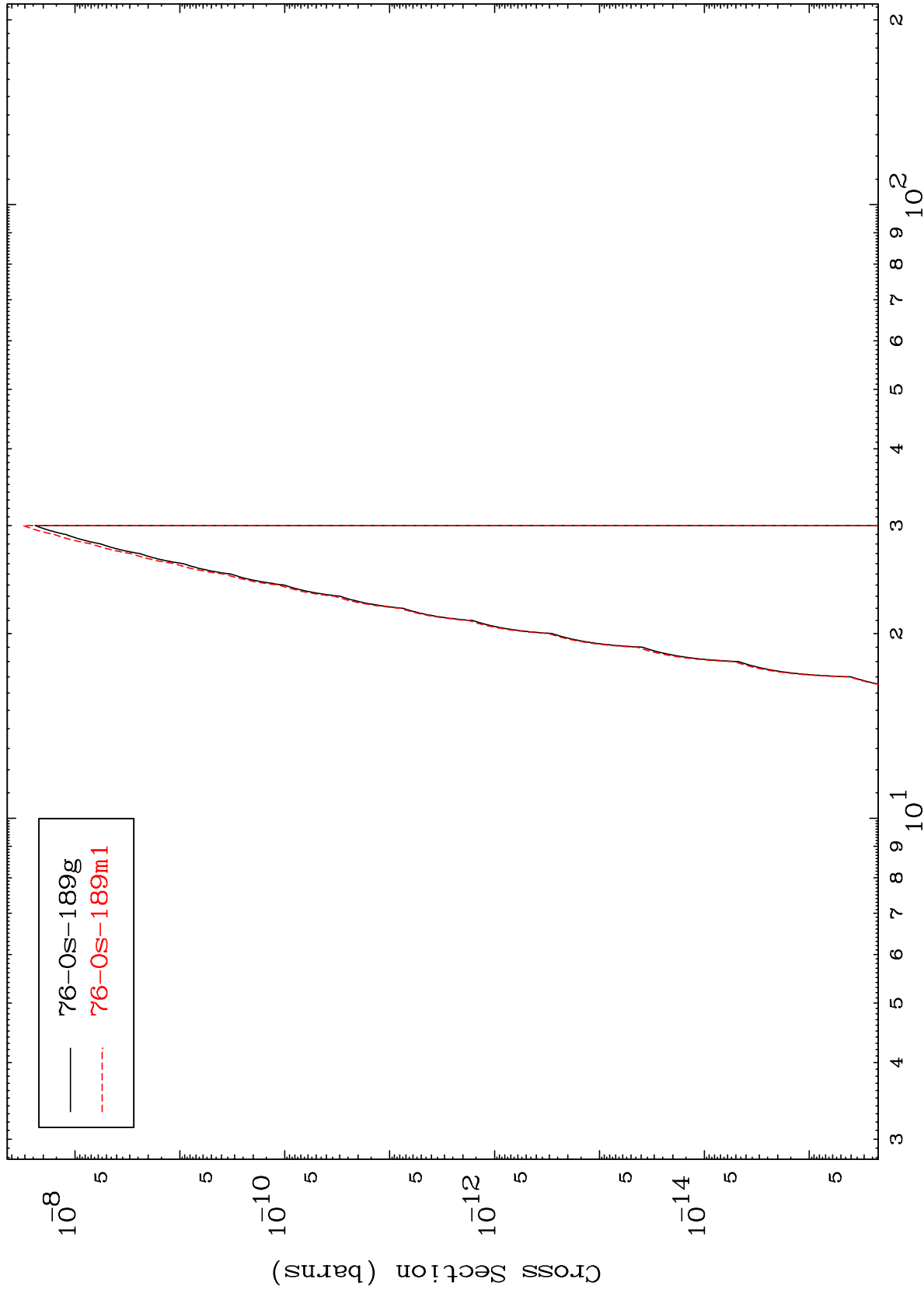




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79-Au-194

(n,n') p α
Radionuclide Production Cross Section



45

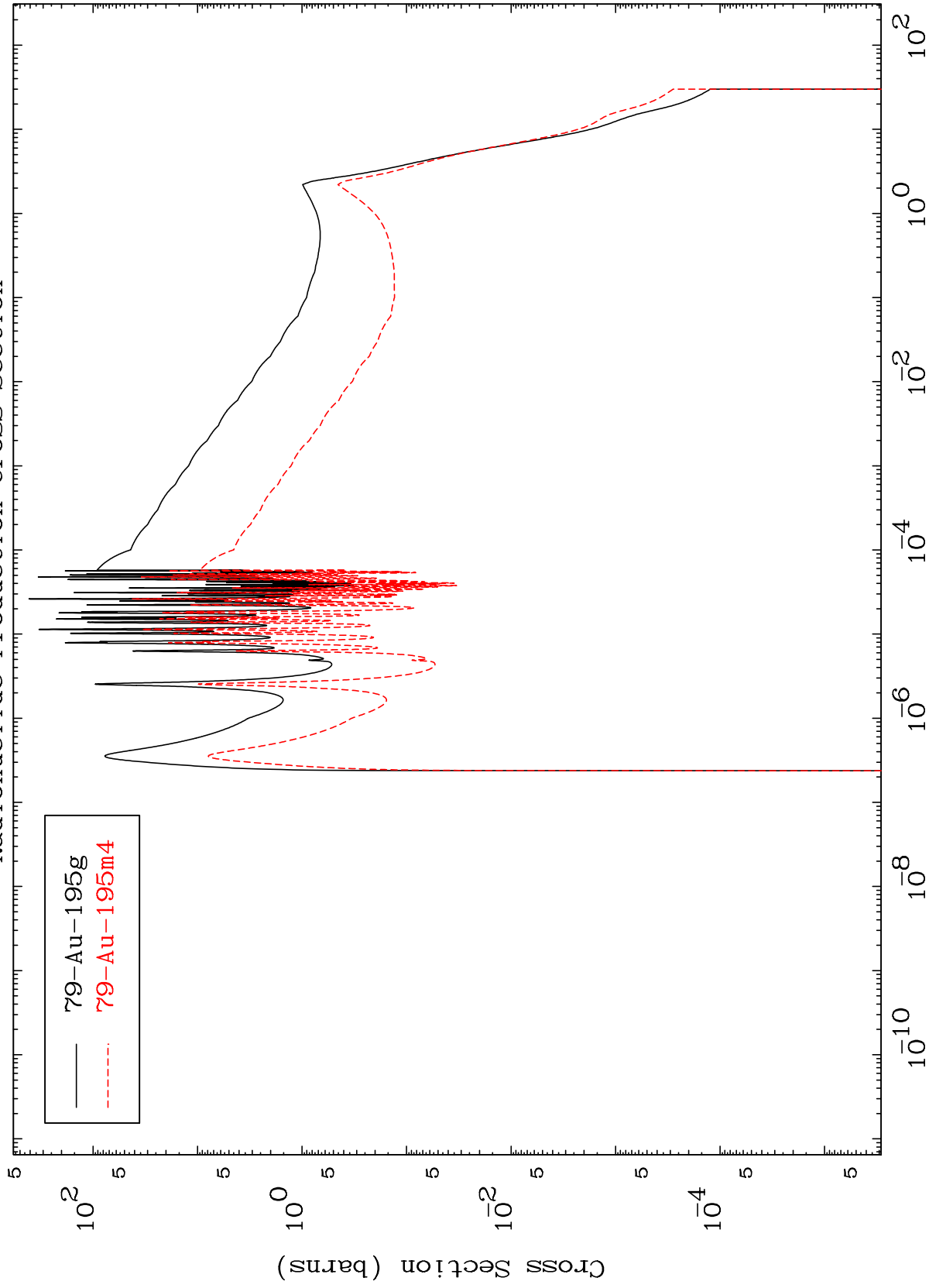
Incident Energy (MeV)

79-Au-194

MAT 7916

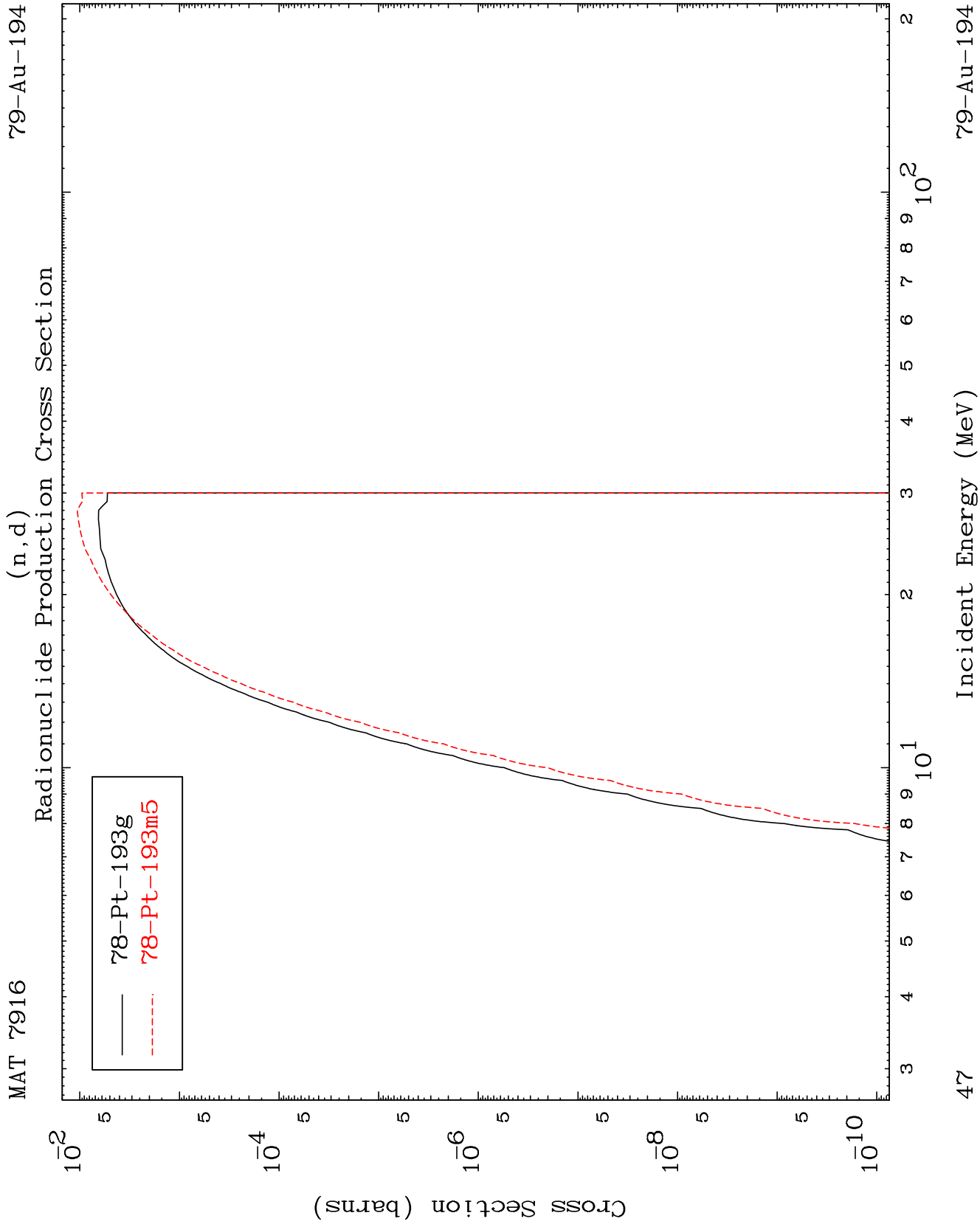
79-Au-194

Radionuclide Production Cross Section

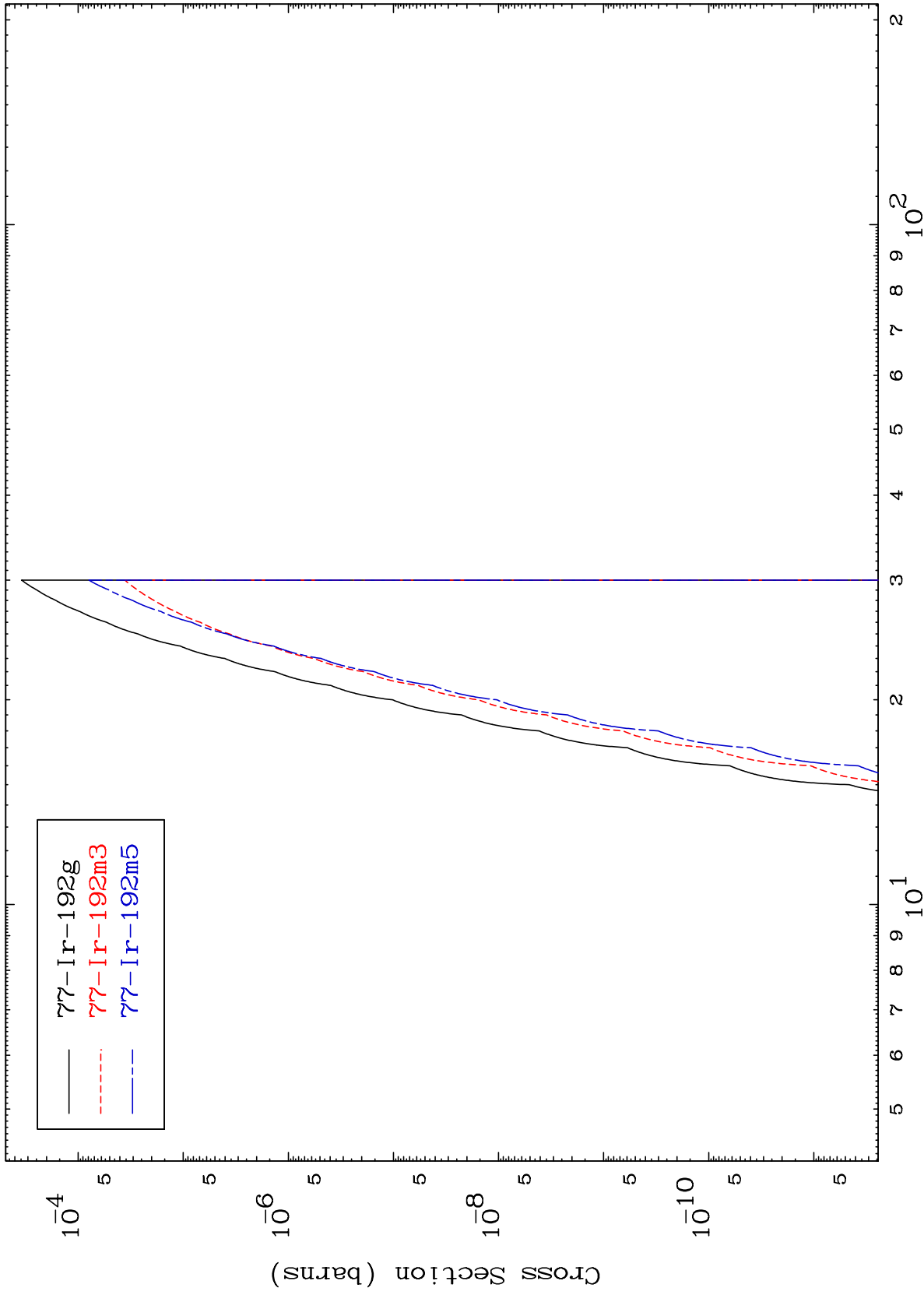


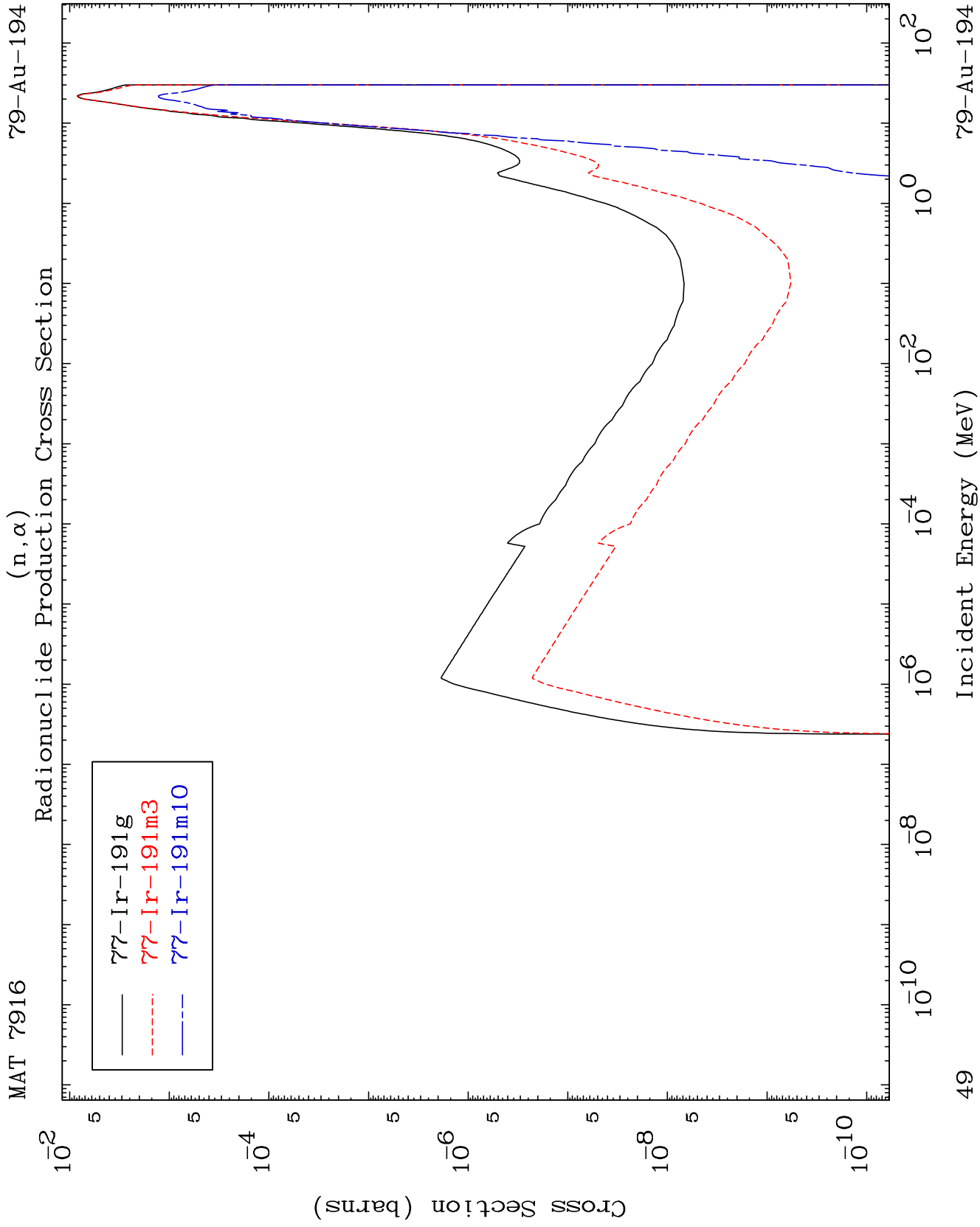
46

79-Au-194



Radionuclide Production Cross Section

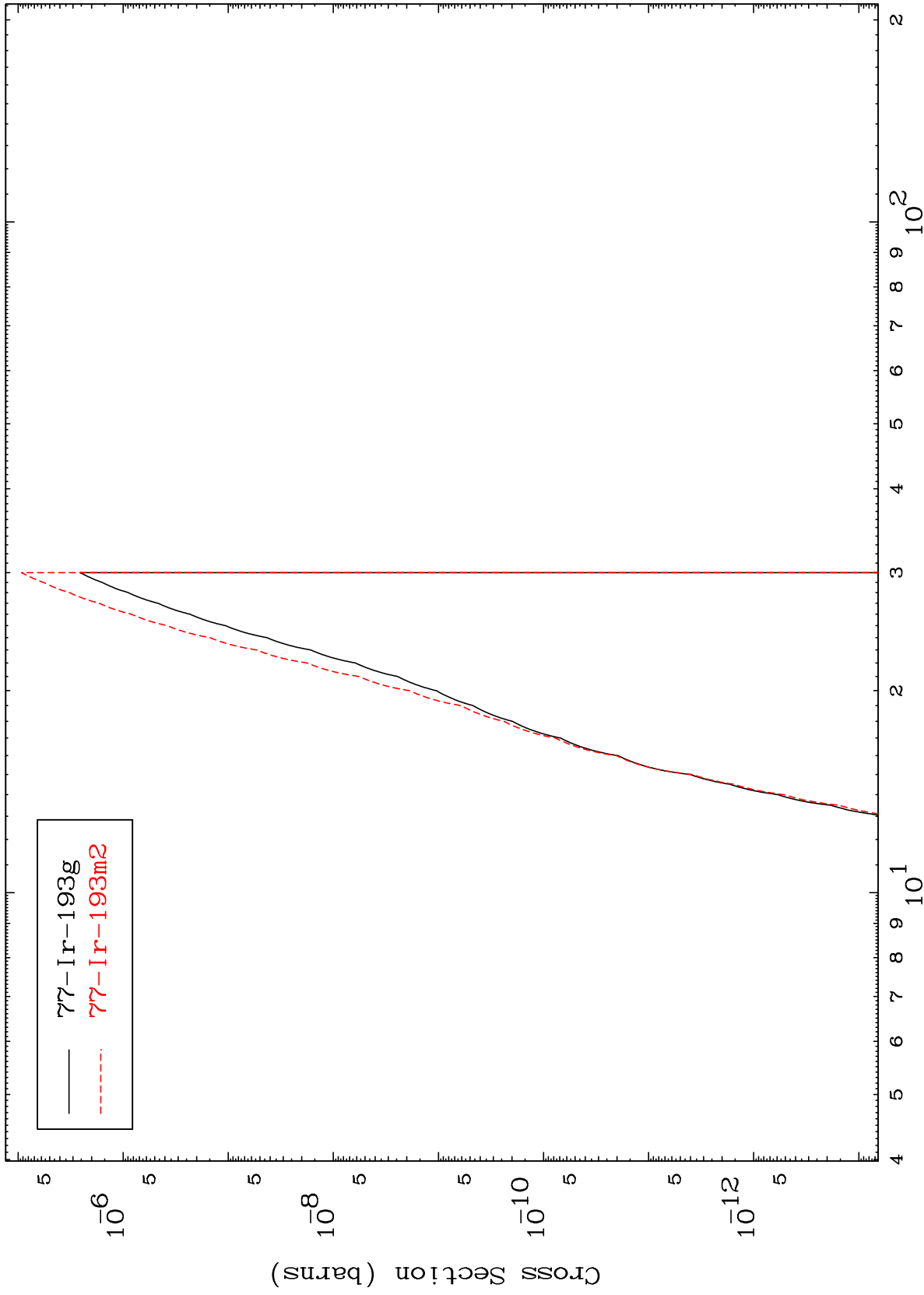




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79-Au-194

(n,2p)
Radionuclide Production Cross Section



50

Incident Energy (MeV)

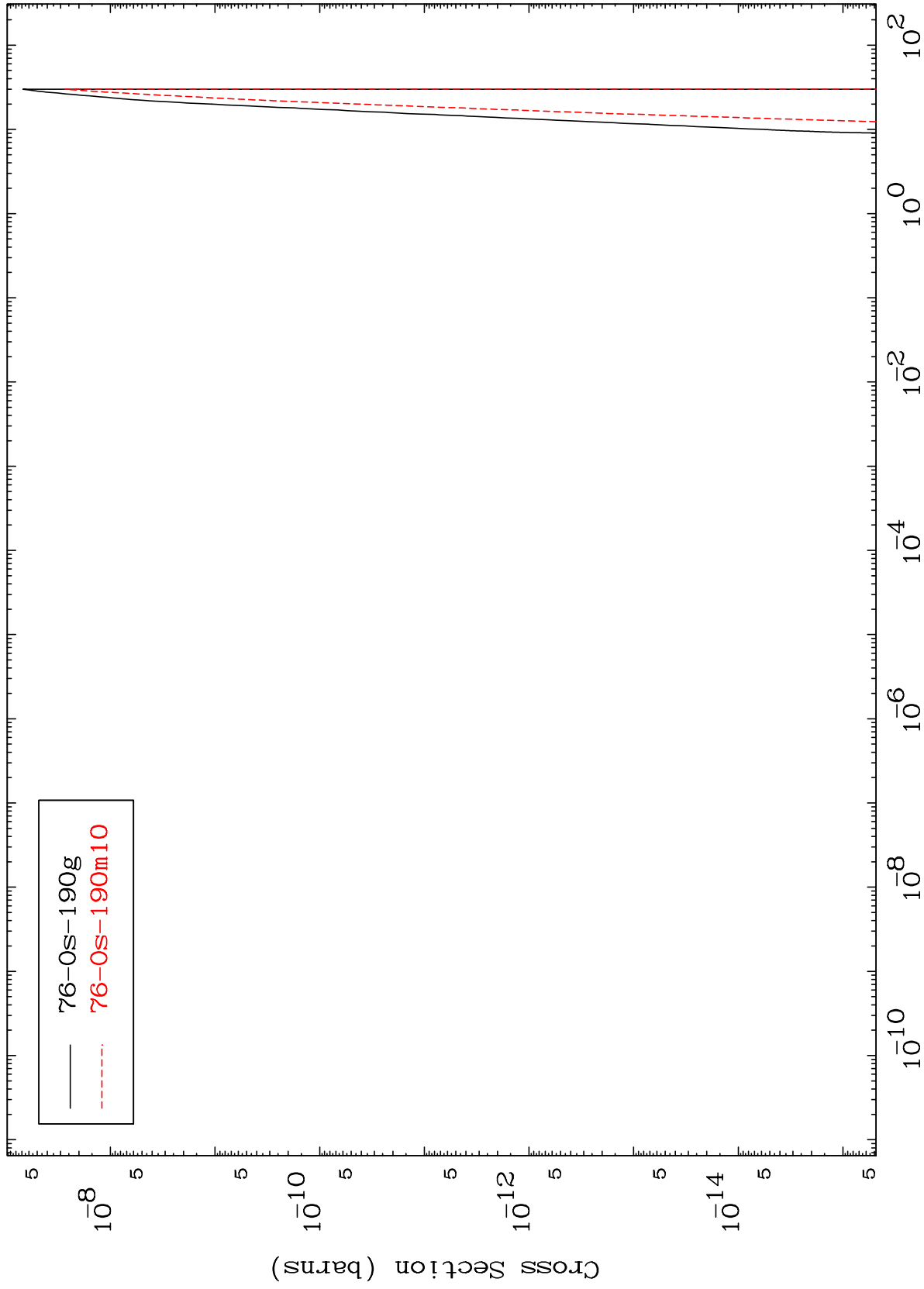
79-Au-194

MAT 7916

(n,p) α

⁷⁹Au-194

Radionuclide Production Cross Section



51

Incident Energy (MeV)

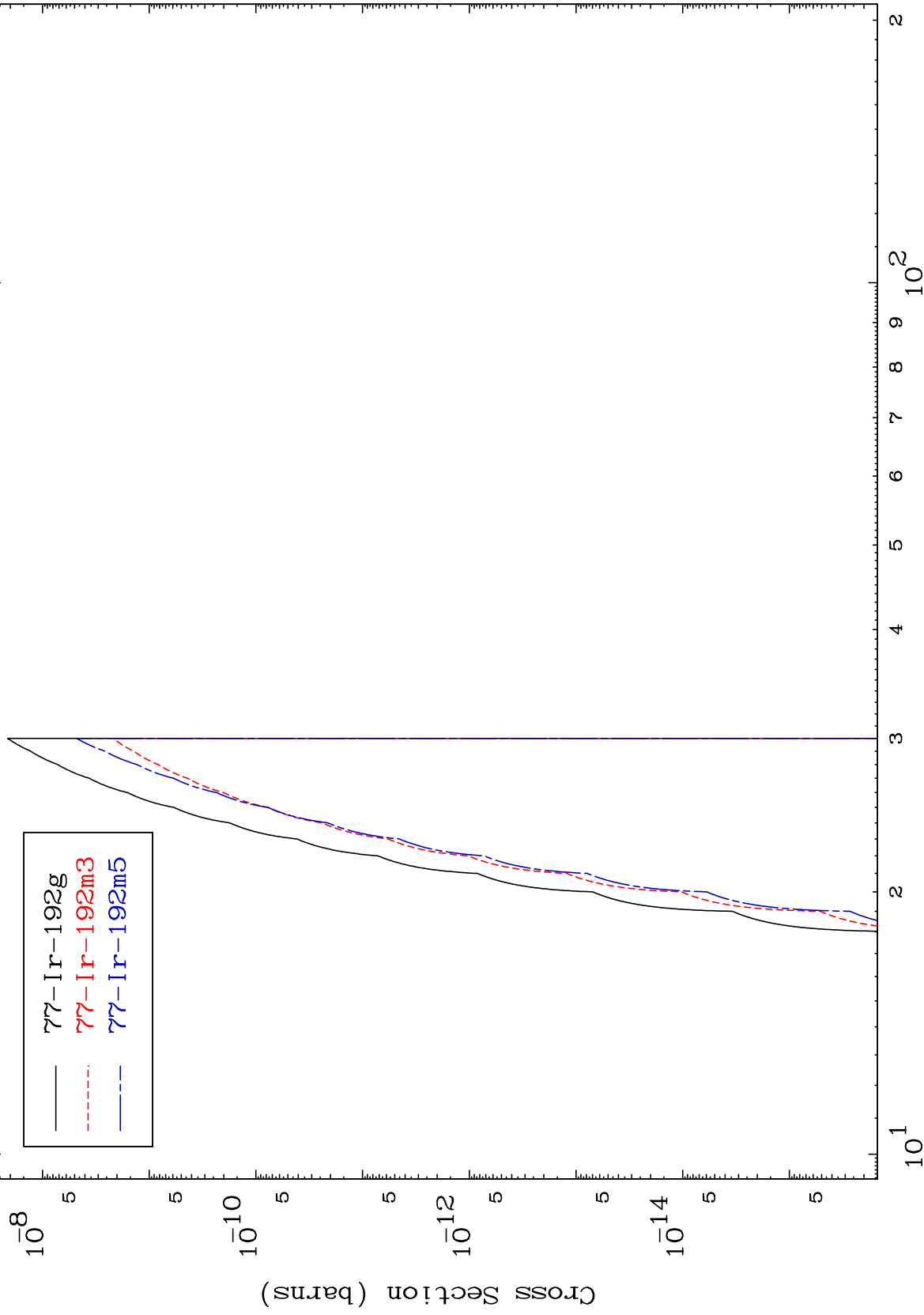
⁷⁹Au-194

MAT 7916

(n,p) d

79-Au-194

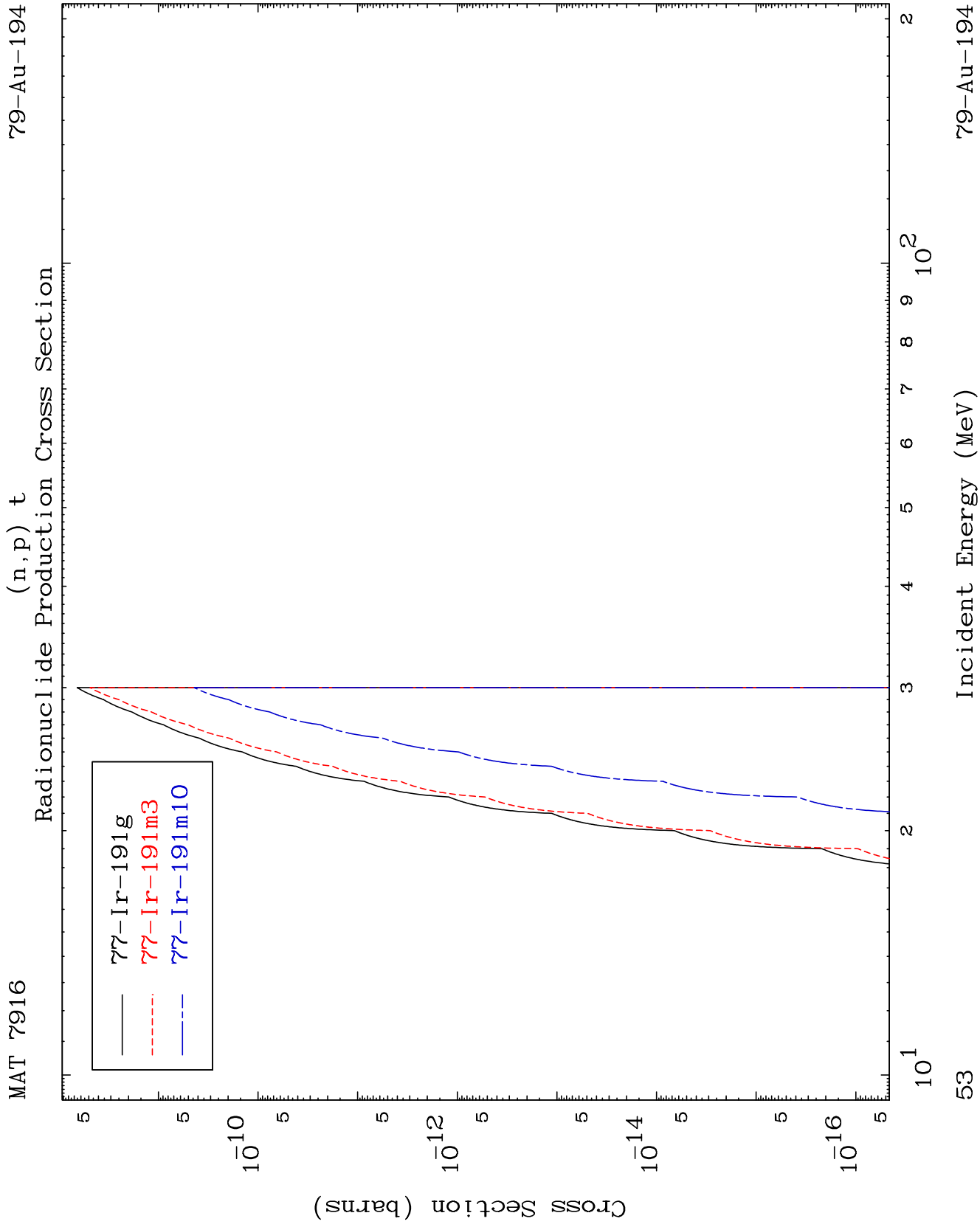
Radionuclide Production Cross Section



52

Incident Energy (MeV)

79-Au-194

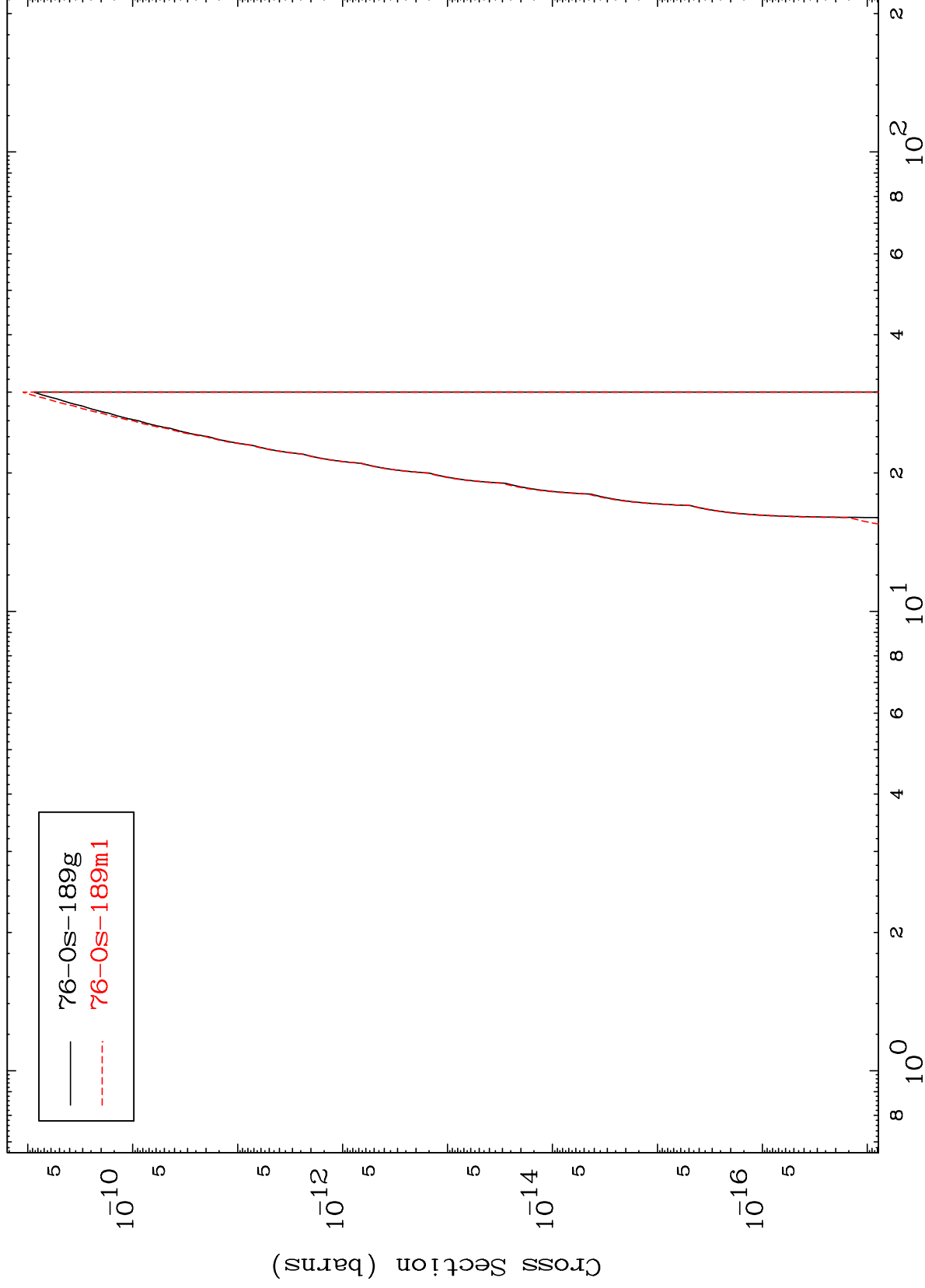


MAT 7916

(n,d) α

⁷⁹Au-194

Radionuclide Production Cross Section



54

Incident Energy (MeV)

⁷⁹Au-194