

Program EVALPLOT
(Version 2021-1)

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

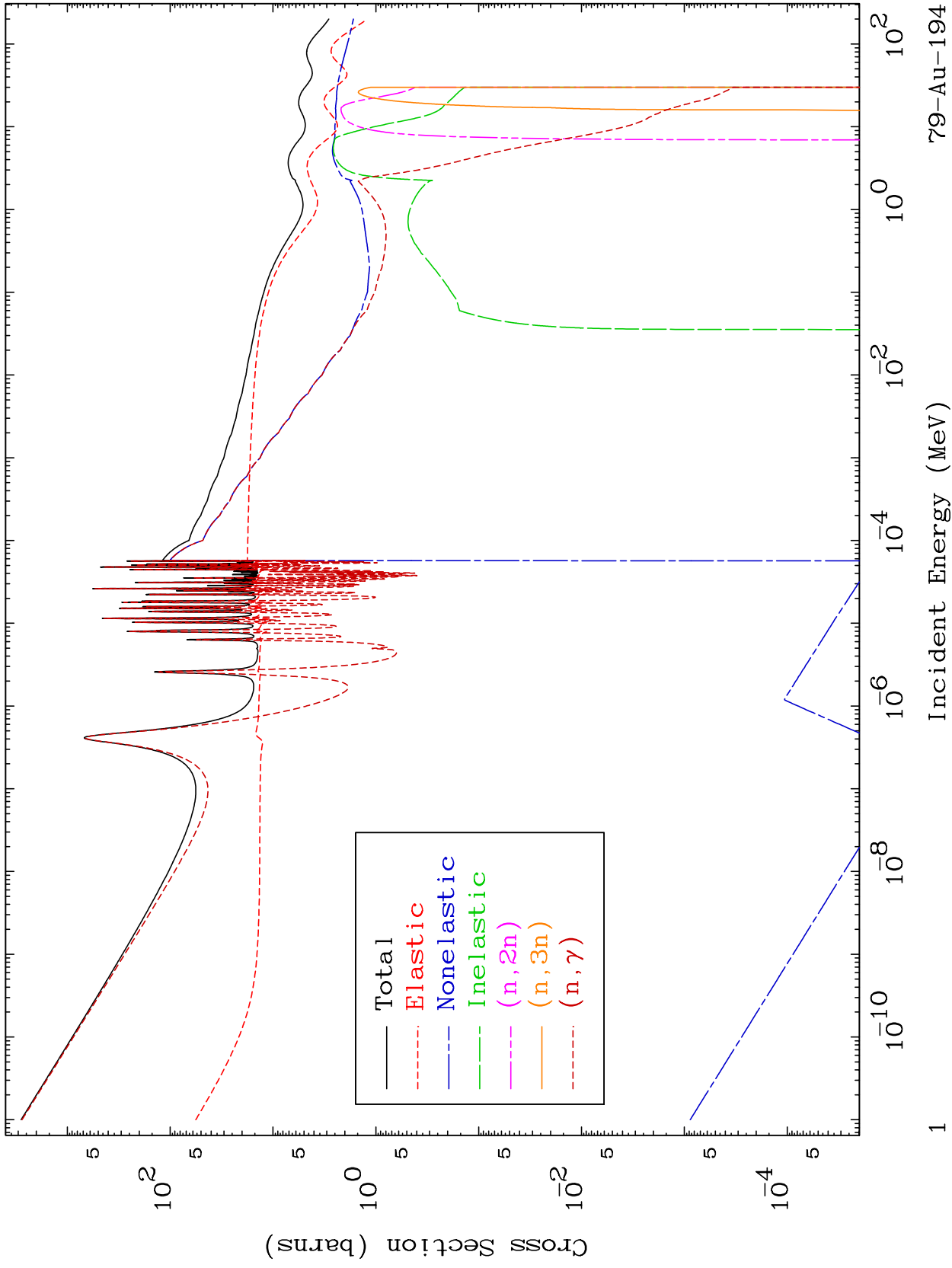
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Press Mouse Button to Start

MAT 7916

Neutron Major
293 Kelvin Cross Sections

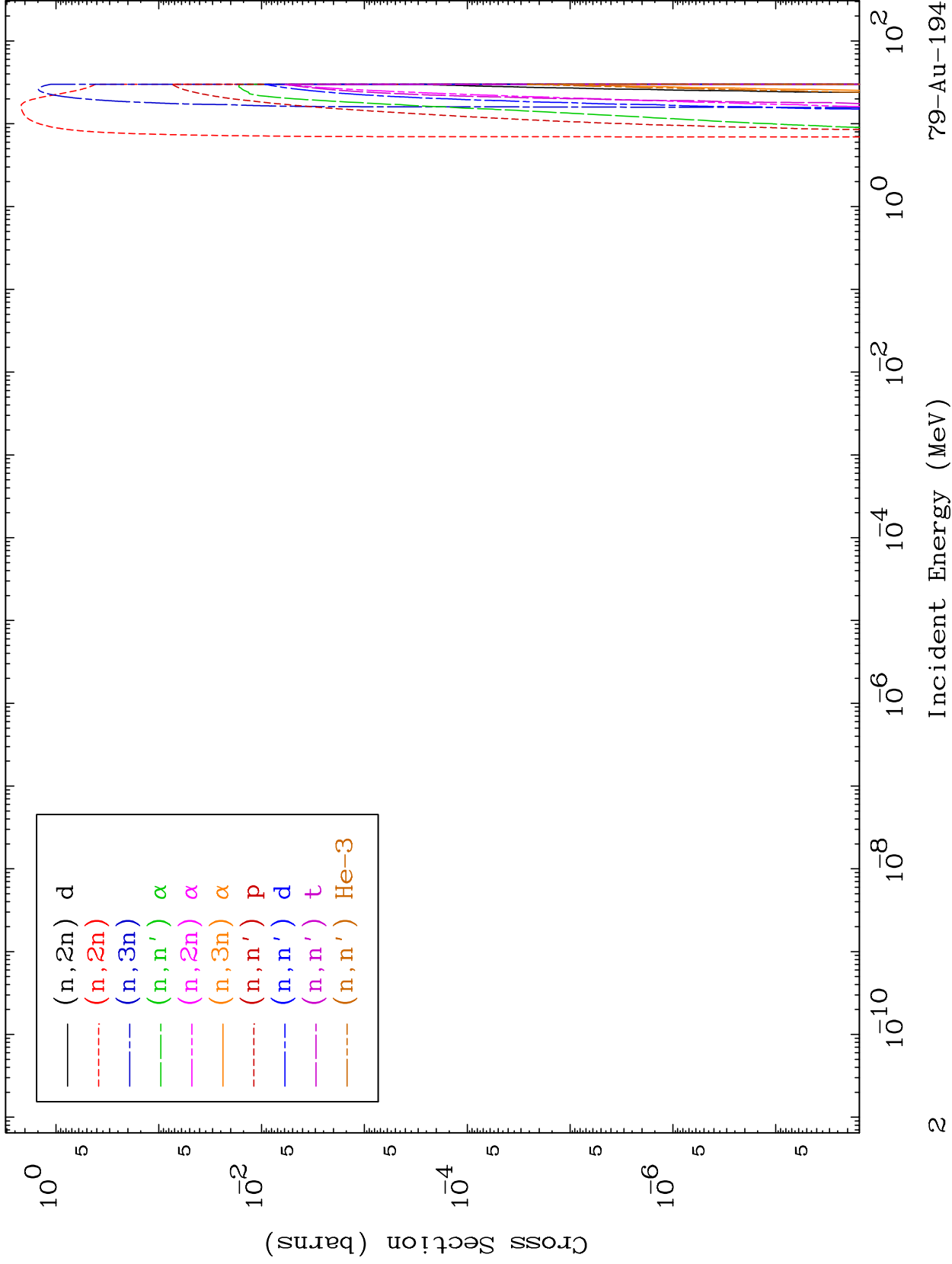
79-Au-194



MAT 7916

Neutron Absorption
293 Kelvin Cross Sections

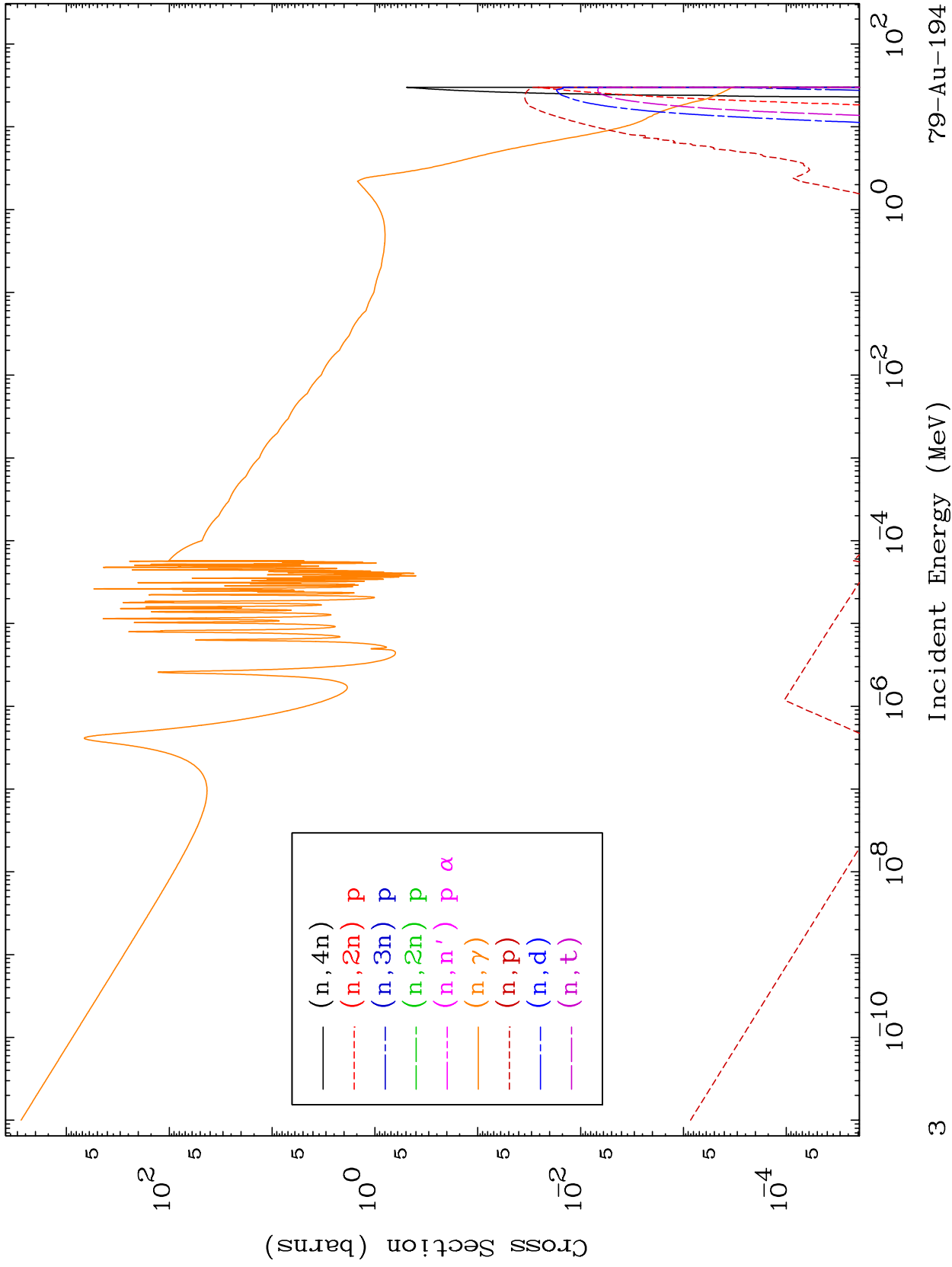
79-Au-194



MAT 7916

Neutron Absorption
293 Kelvin Cross Sections

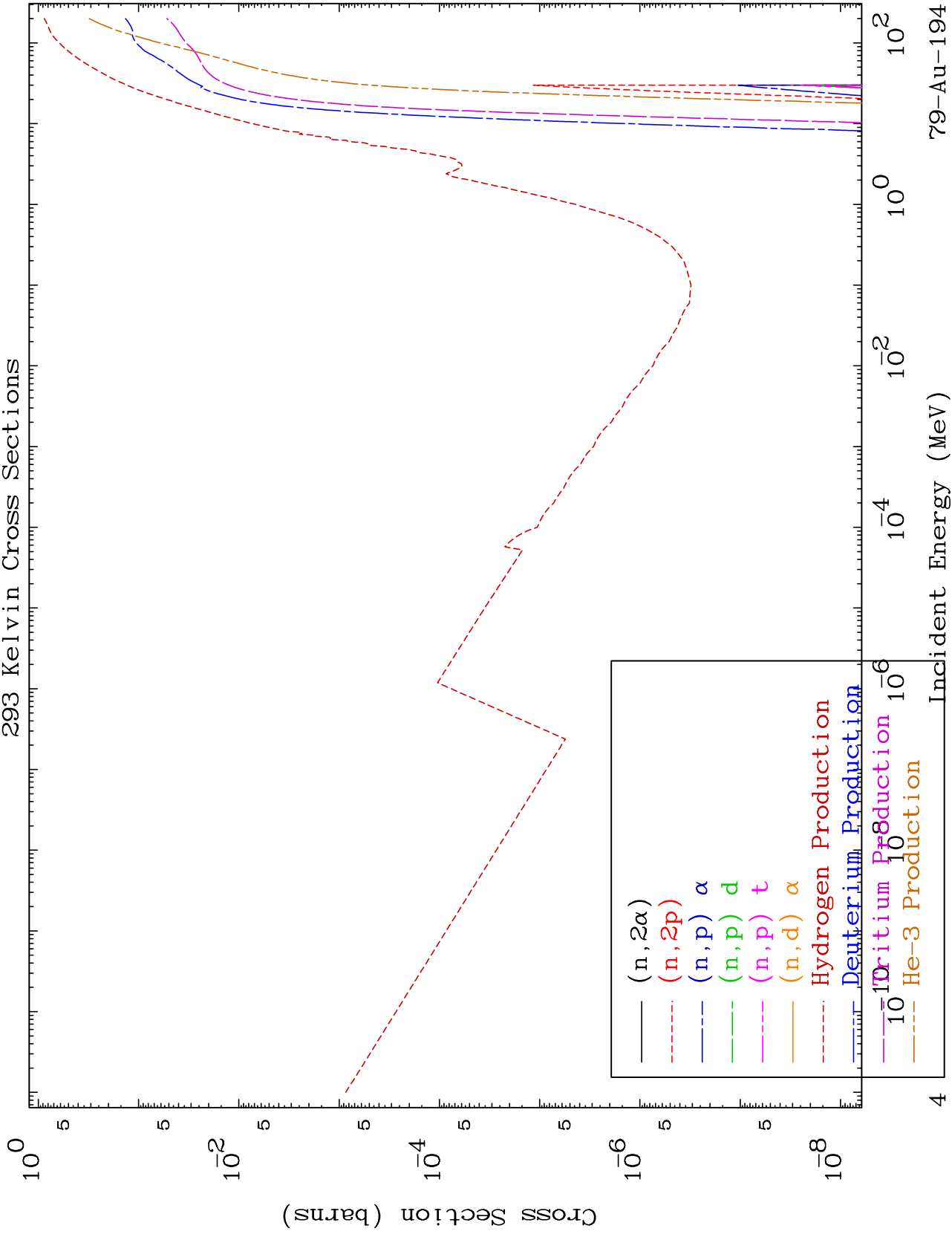
79-Au-194



MAT 7916

Neutron Absorption
293 Kelvin Cross Sections

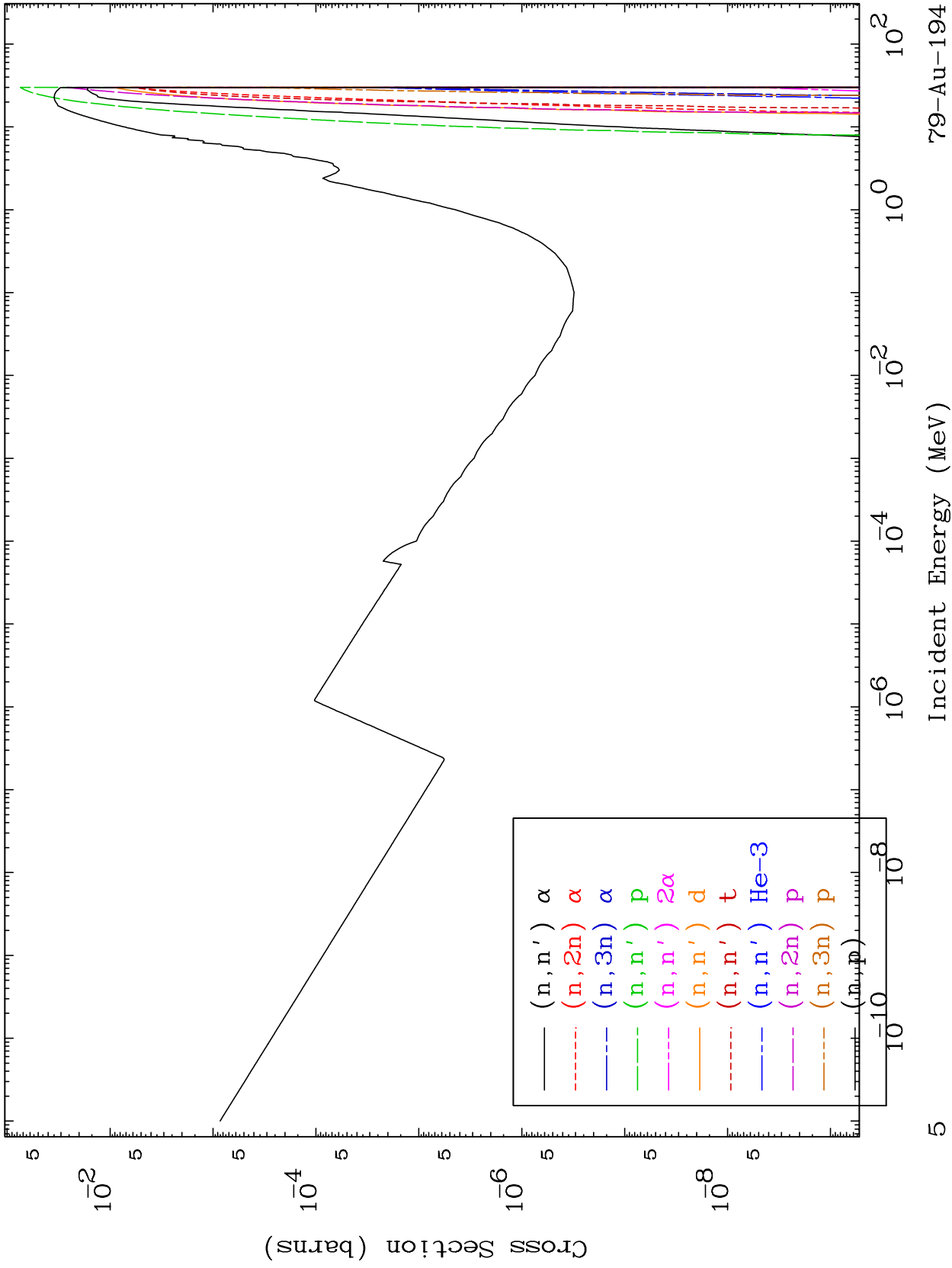
79-Au-194



MAT 7916

Charged Particle
293 Kelvin Cross Sections

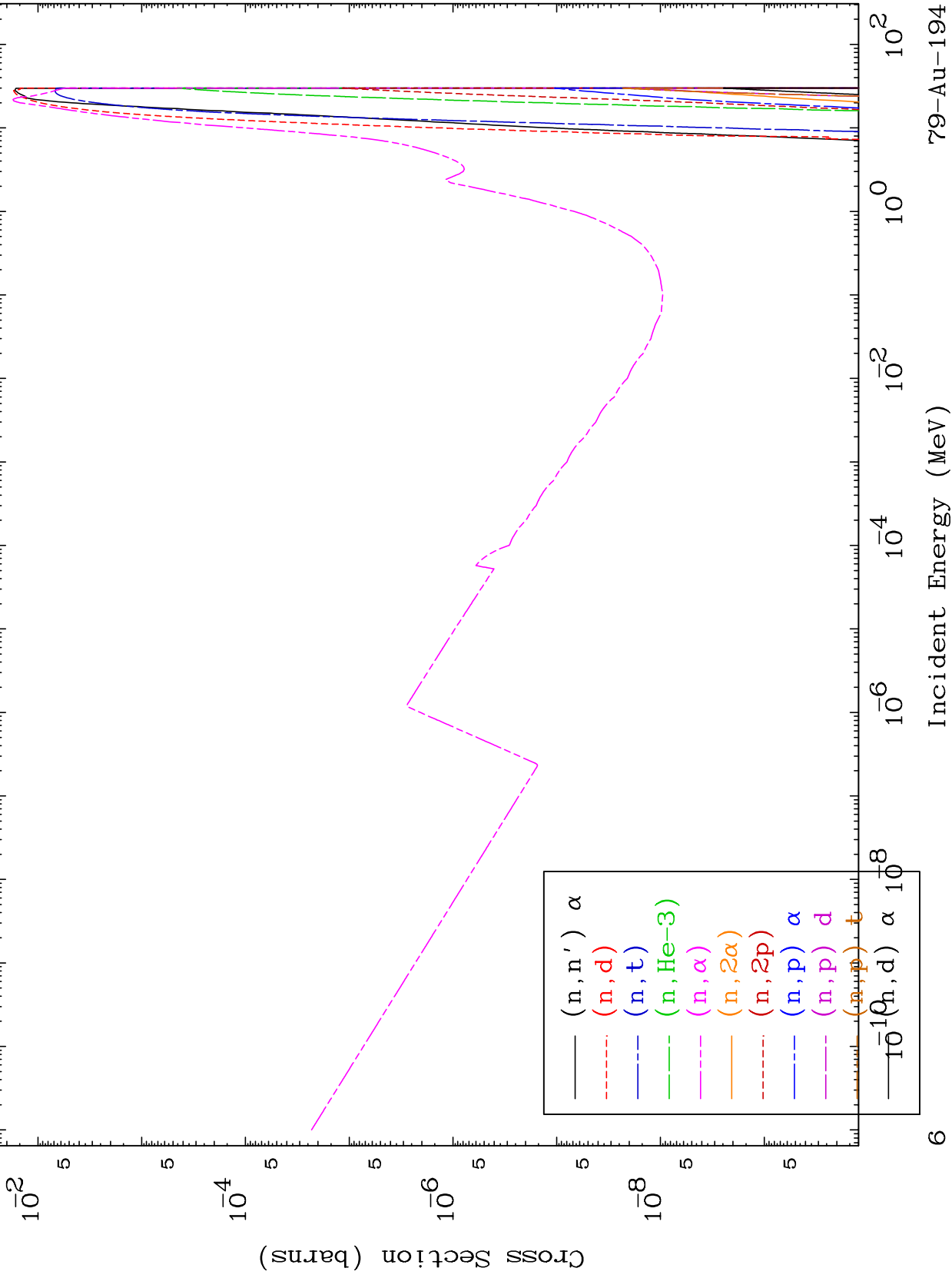
79-Au-194



MAT 7916

Charged Particle
293 Kelvin Cross Sections

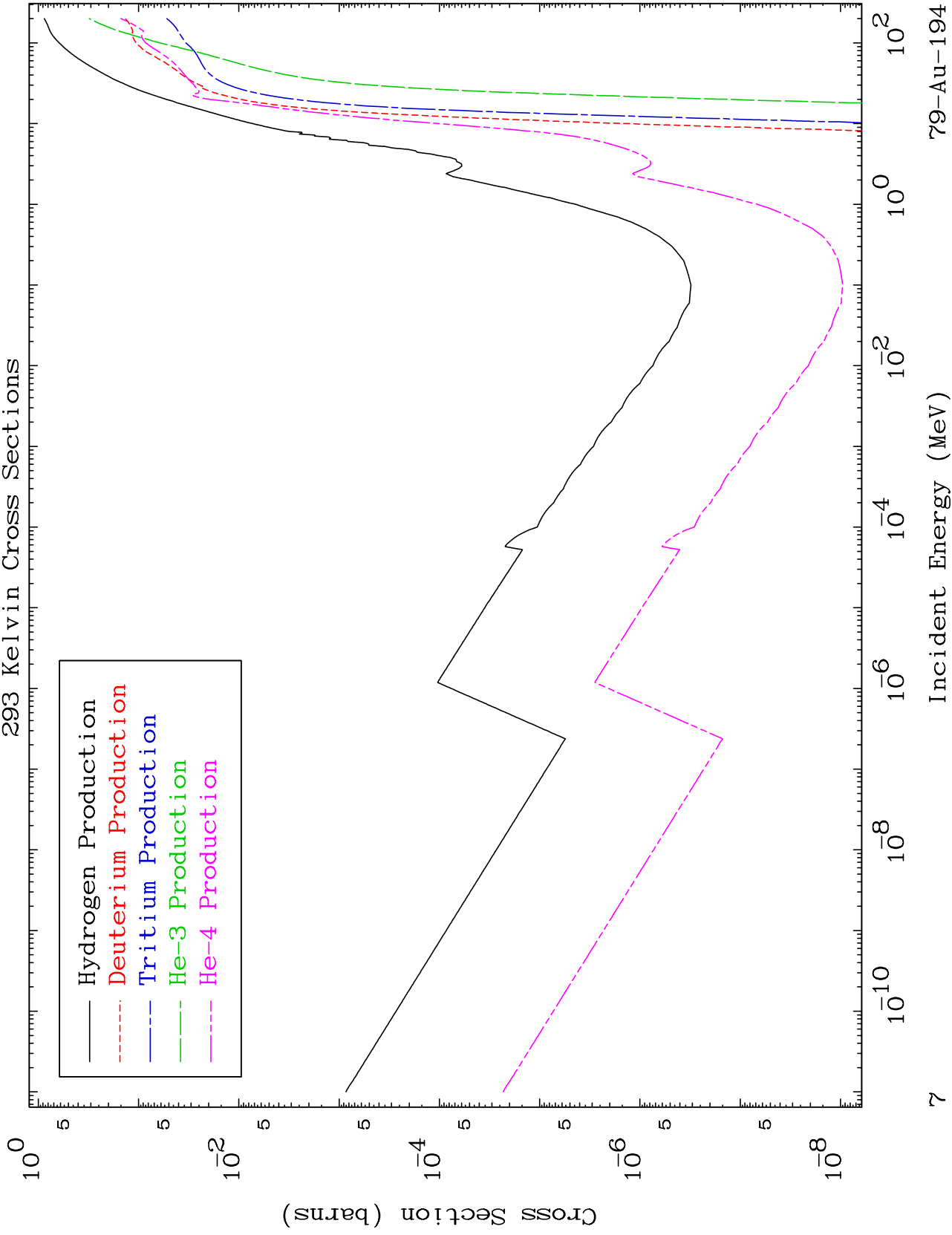
79-Au-194



MAT 7916

Particle Production
293 Kelvin Cross Sections

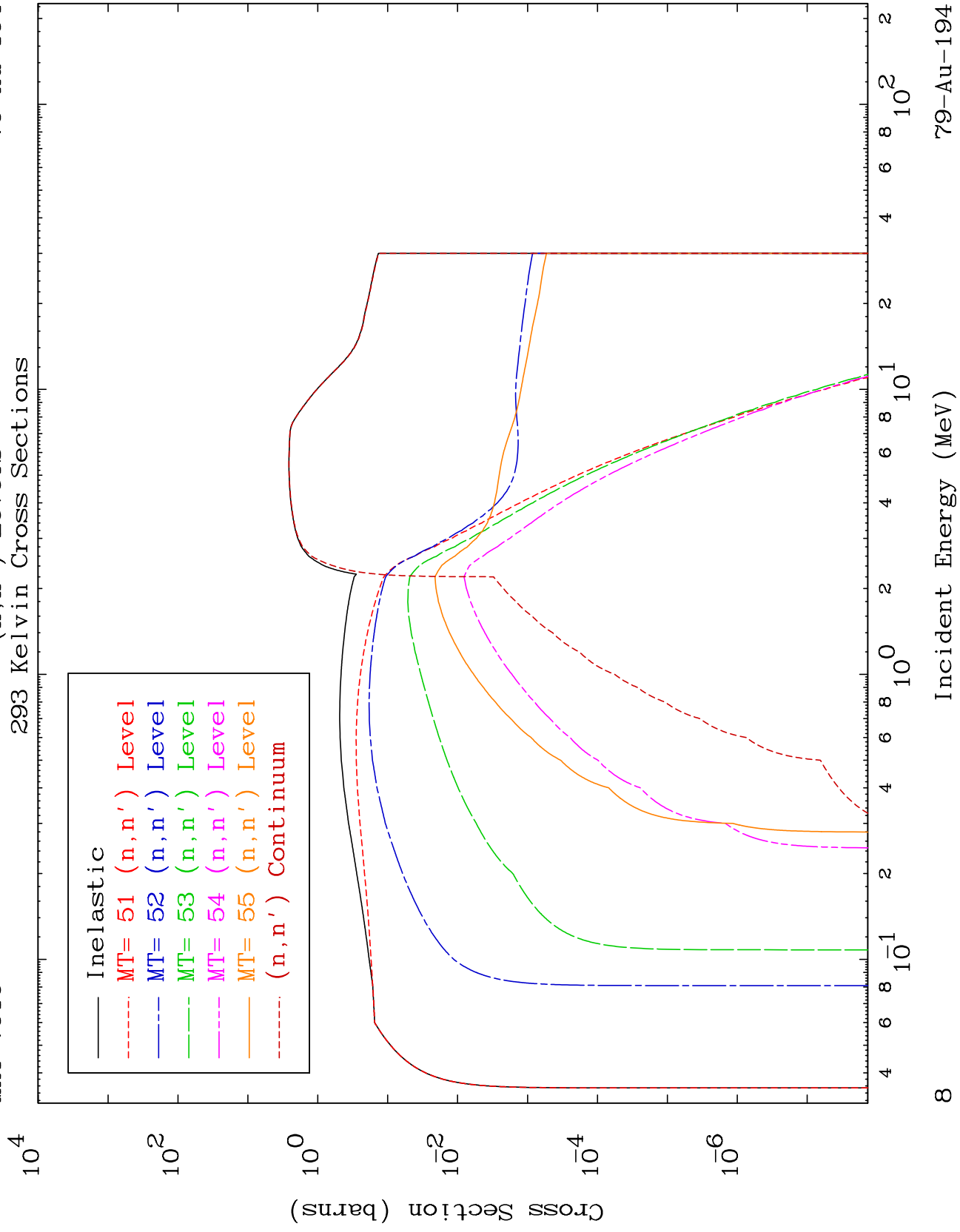
79-Au-194



MAT 7916

293 Kelvin Cross Sections
(n,n') Levels

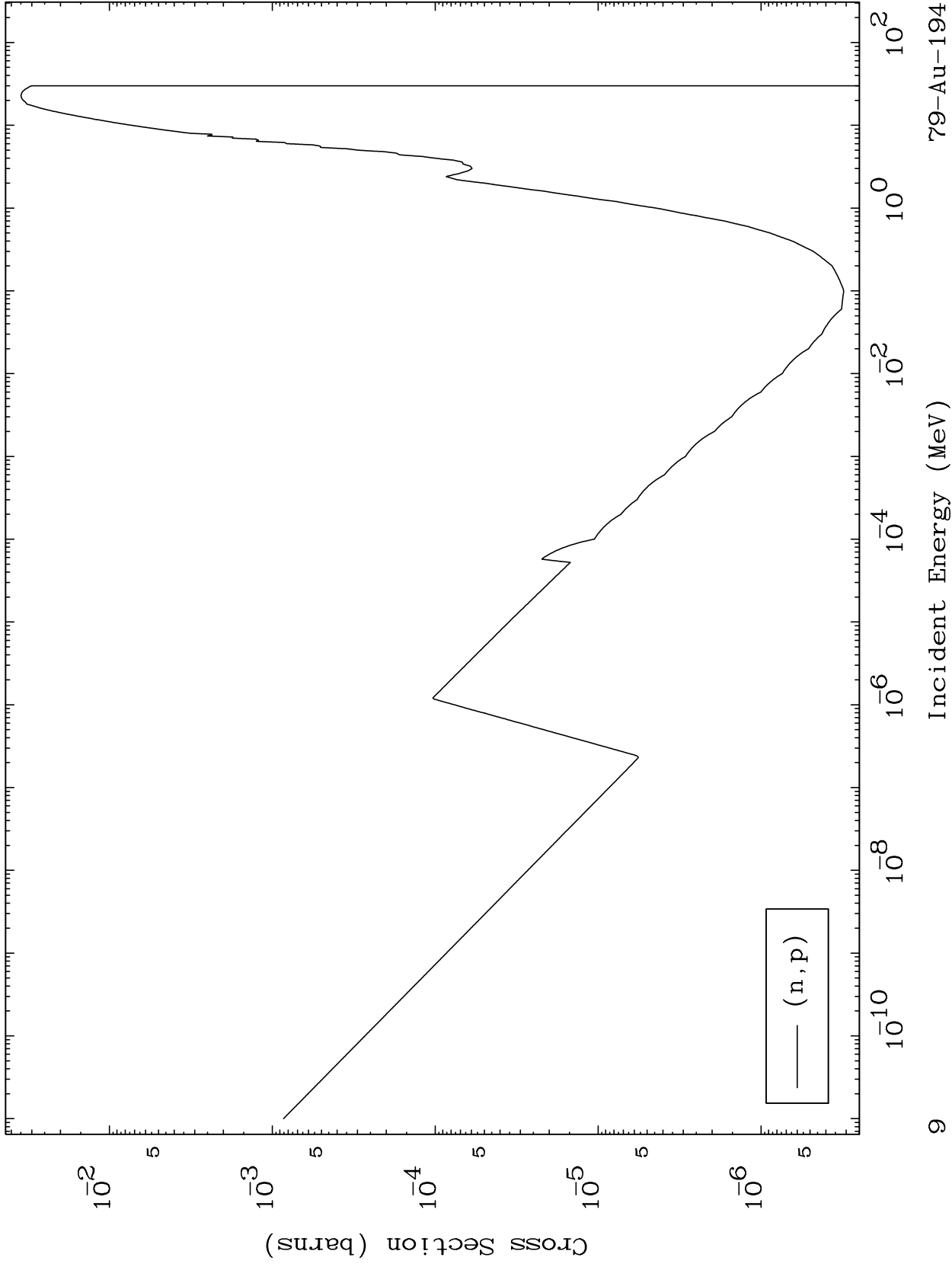
79-Au-194



MAT 7916

(n,p) Levels
293 Kelvin Cross Sections

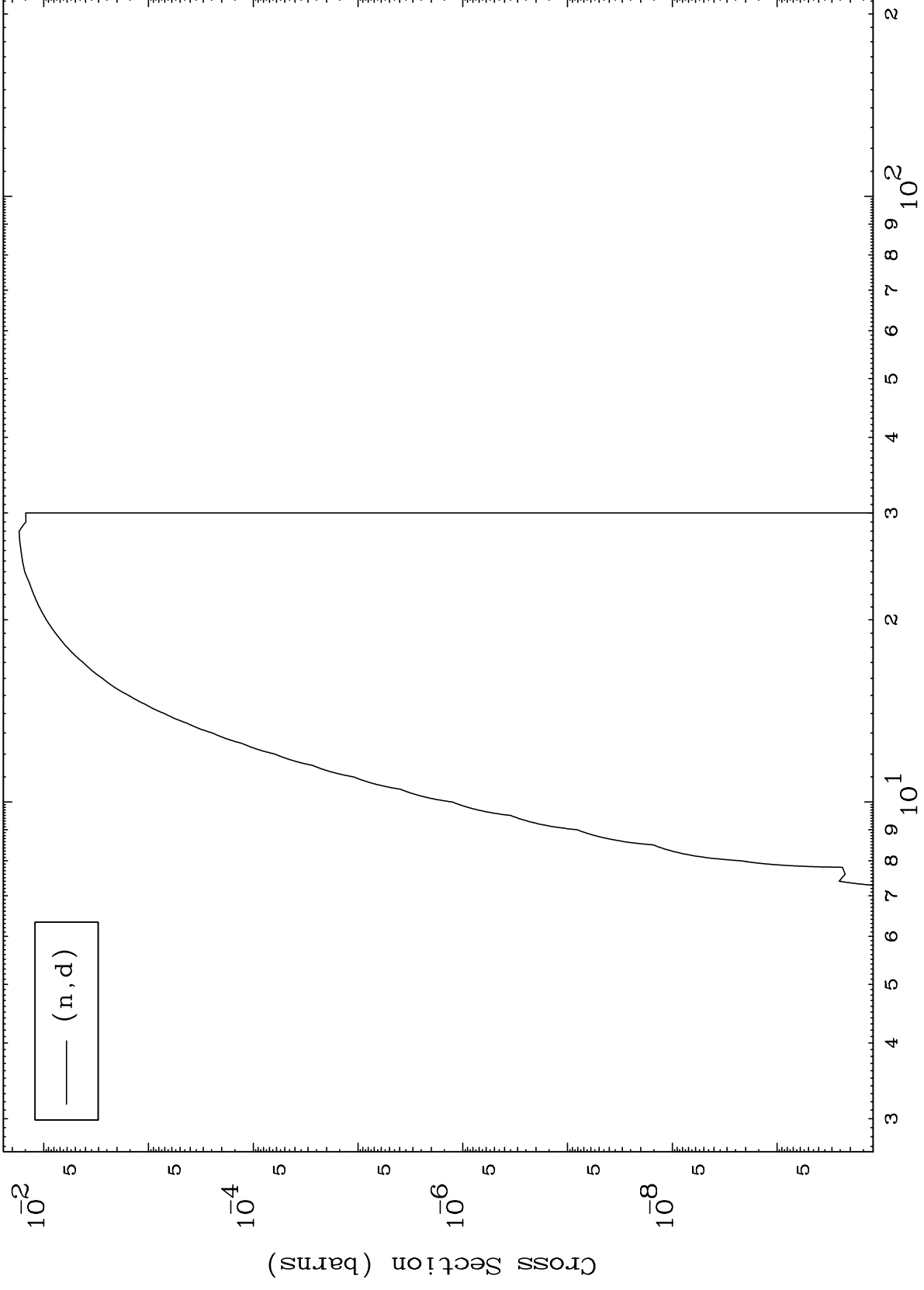
79-Au-194



MAT 7916

(n,d) Levels
293 Kelvin Cross Sections

79-Au-194



(n,d)

10

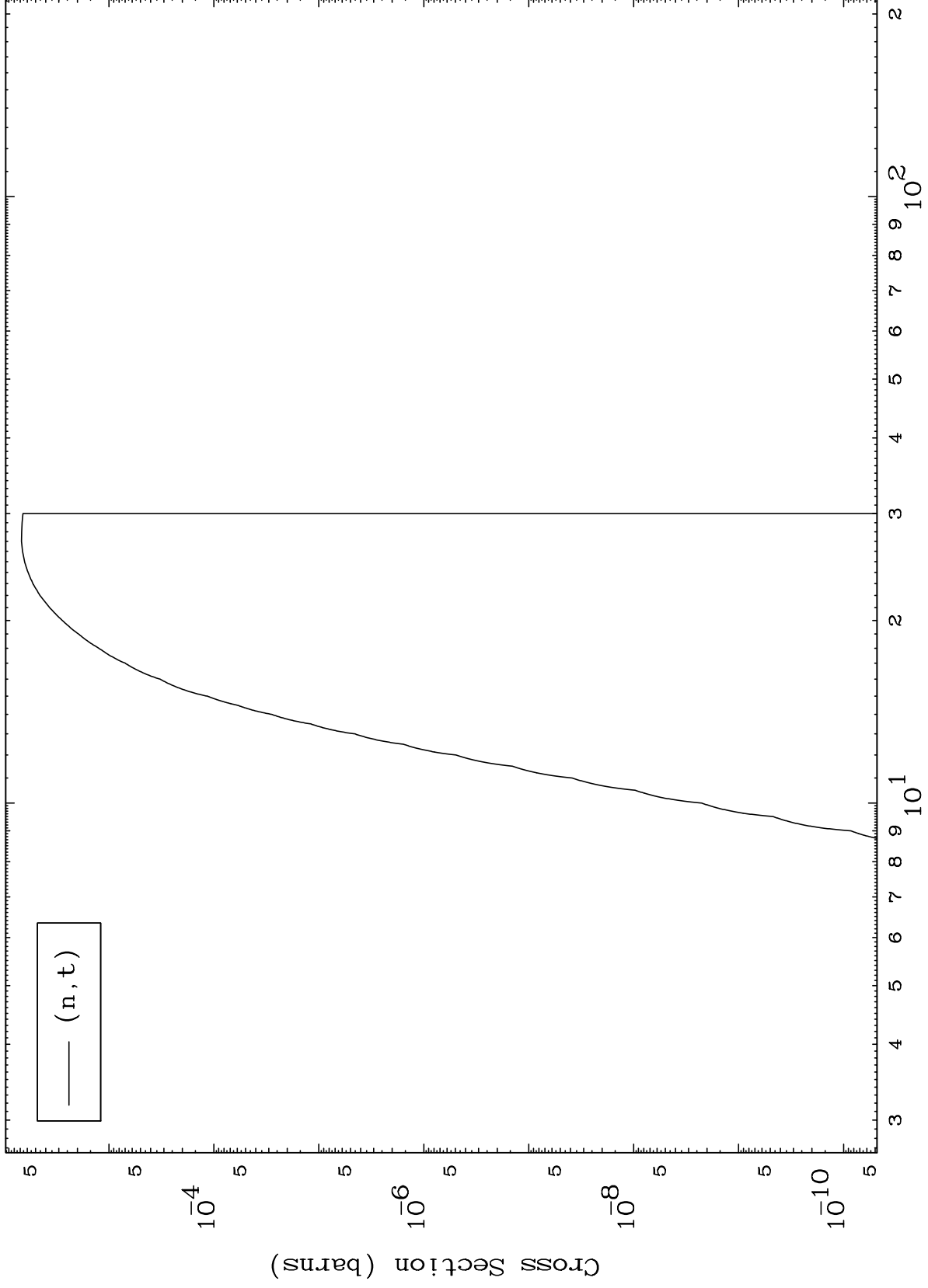
Incident Energy (MeV)

79-Au-194

MAT 7916

(n,t) Levels
293 Kelvin Cross Sections

79-Au-194

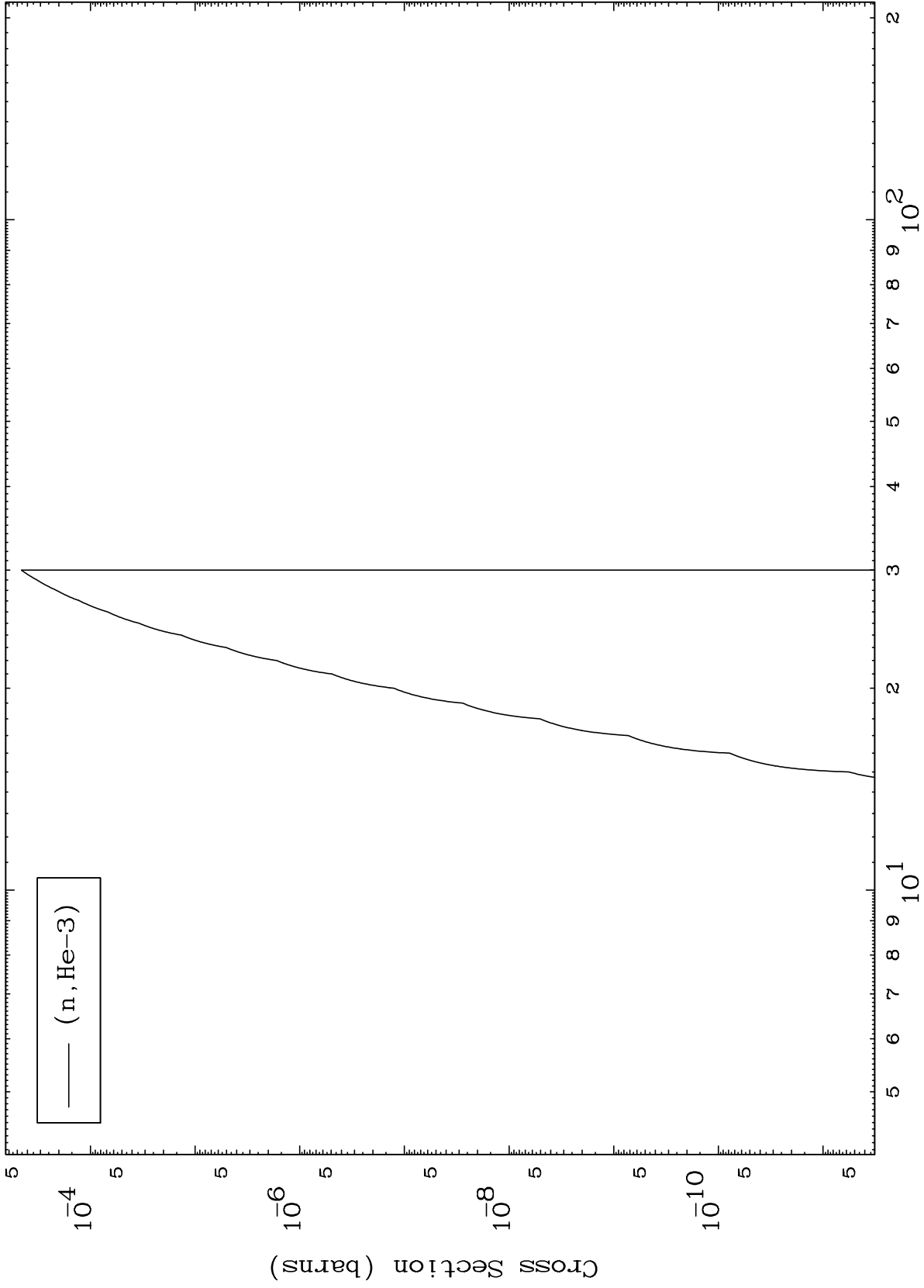


(n,t)

MAT 7916

(n,He3) Levels
293 Kelvin Cross Sections

79-Au-194



12

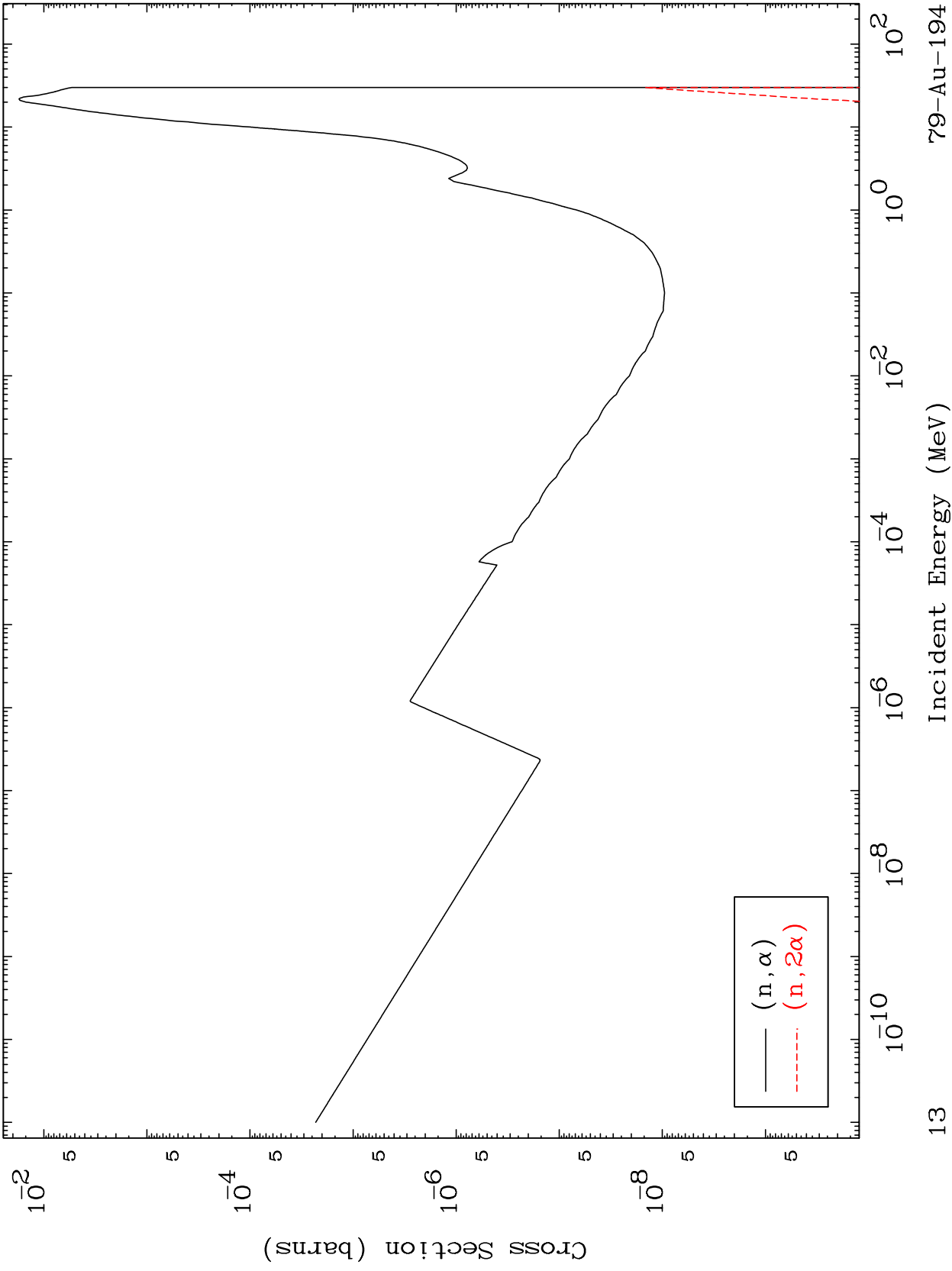
Incident Energy (MeV)

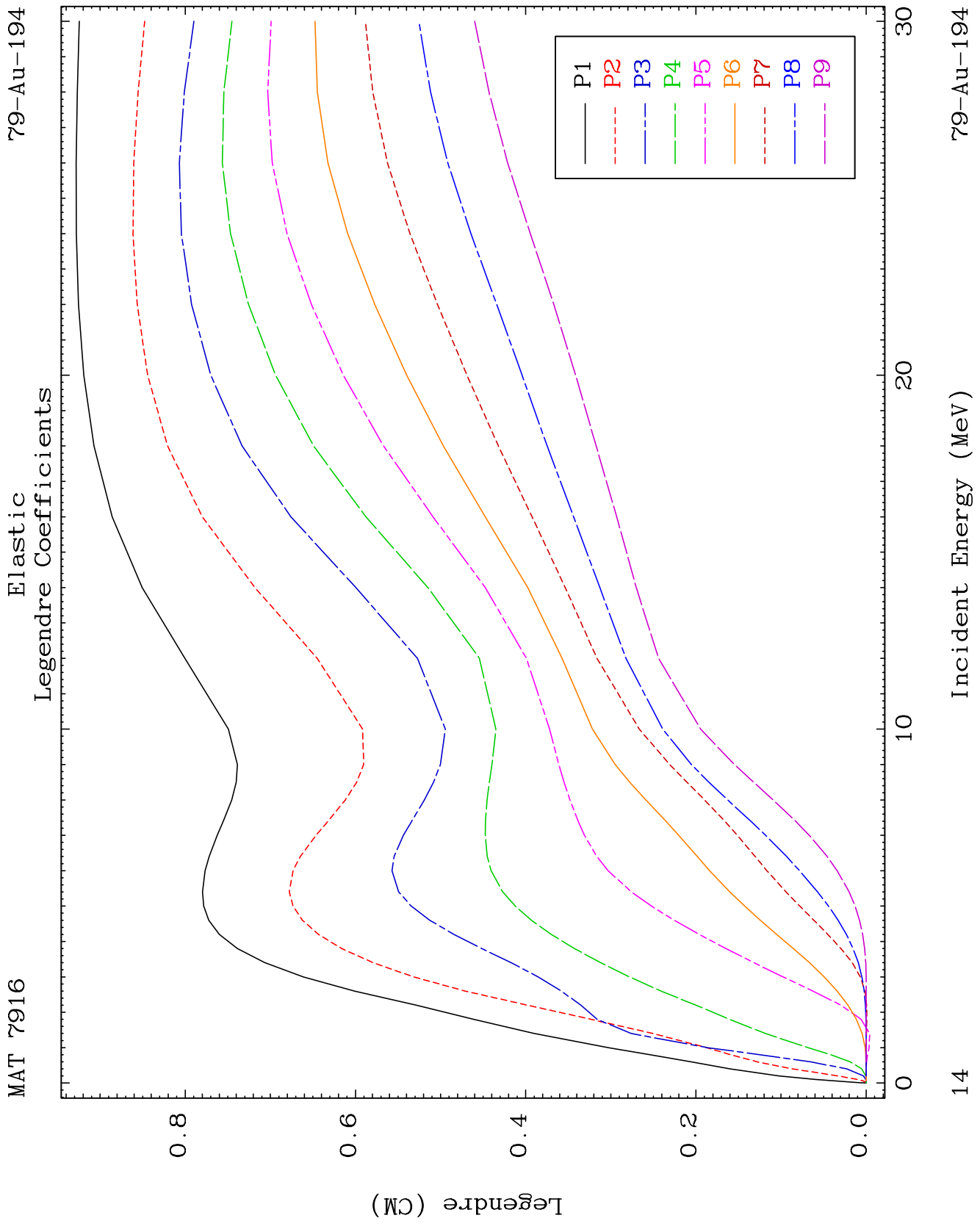
79-Au-194

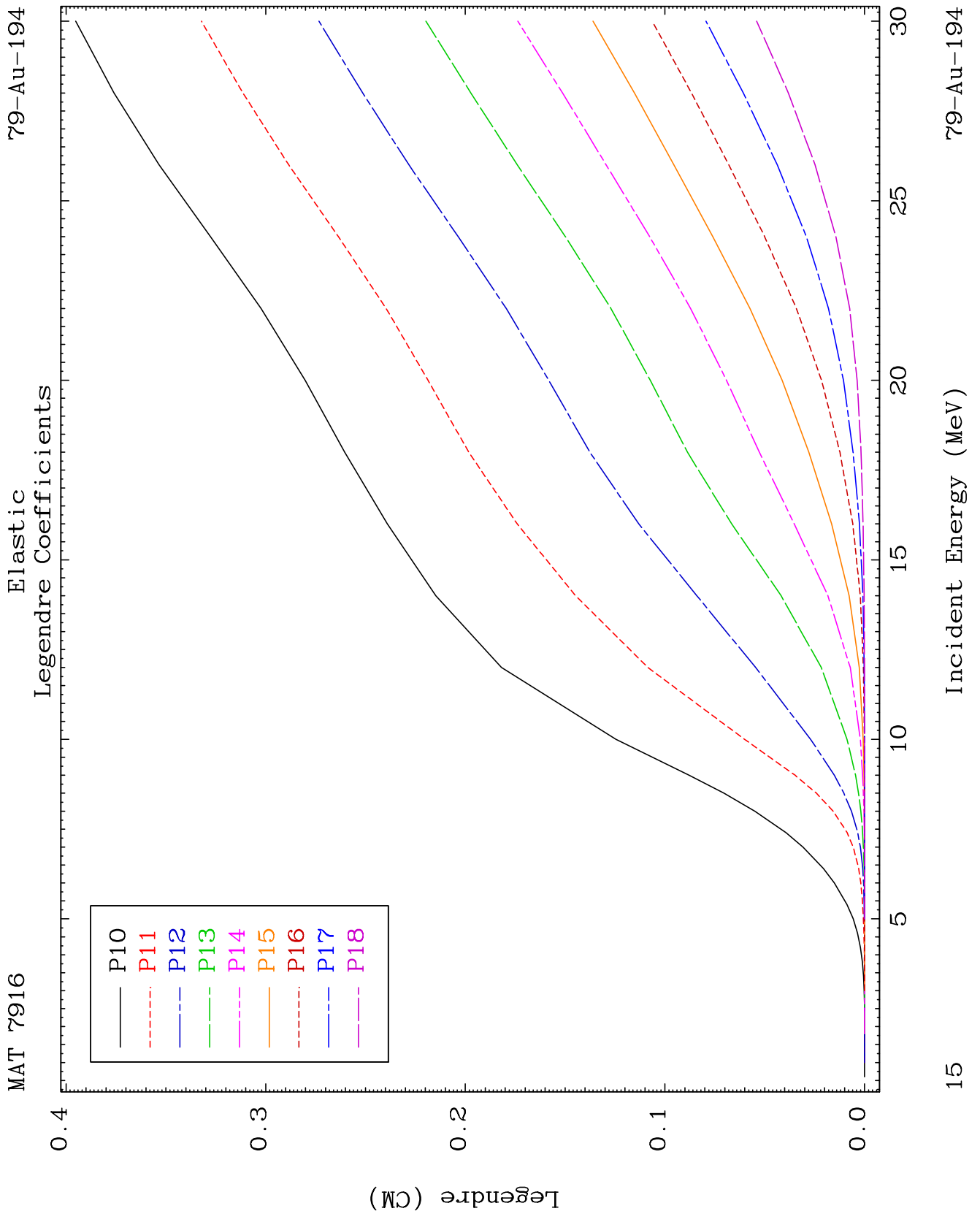
MAT 7916

(n,α) Levels
293 Kelvin Cross Sections

79-Au-194



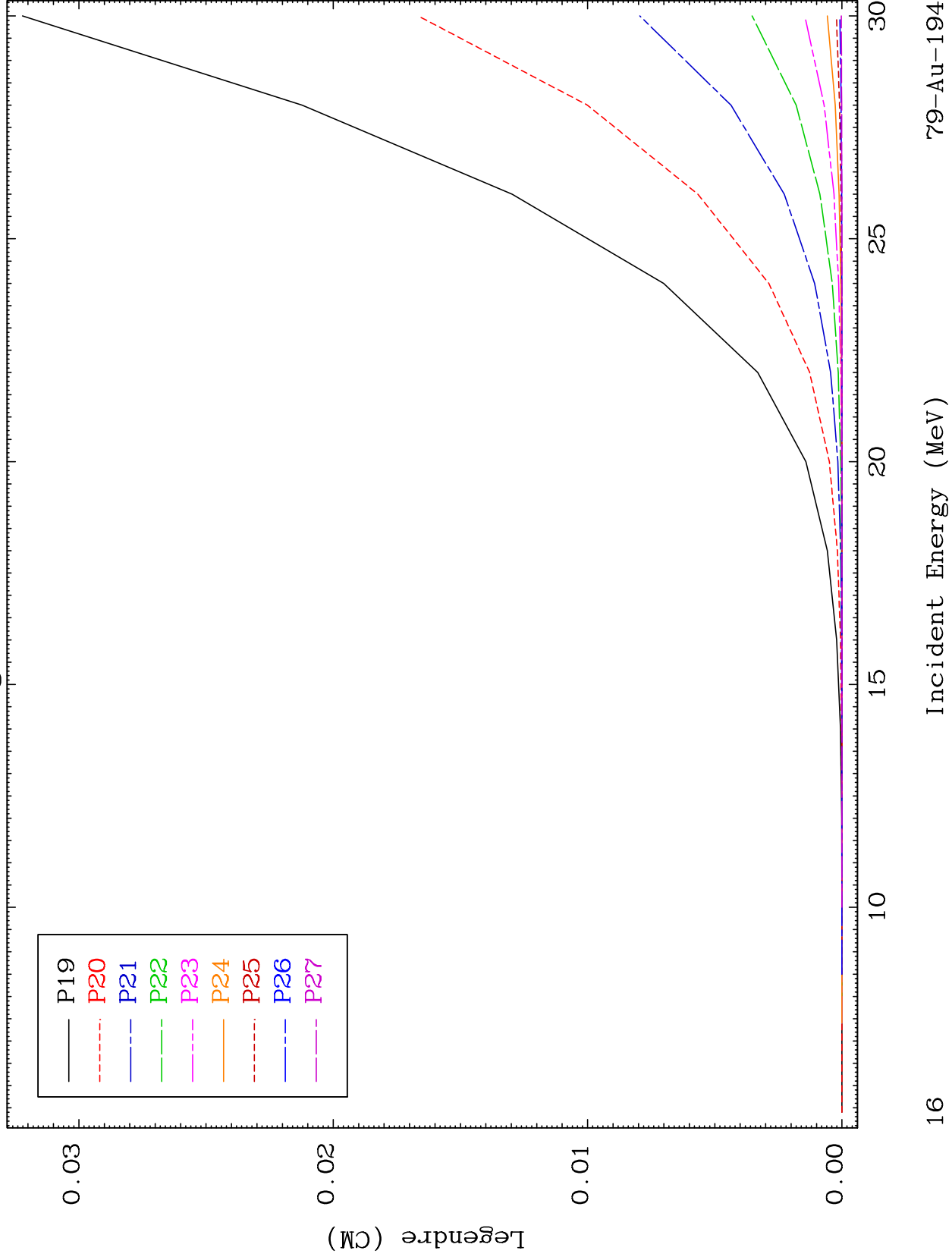




MAT 7916

Elastic Legendre Coefficients

79-Au-194



16

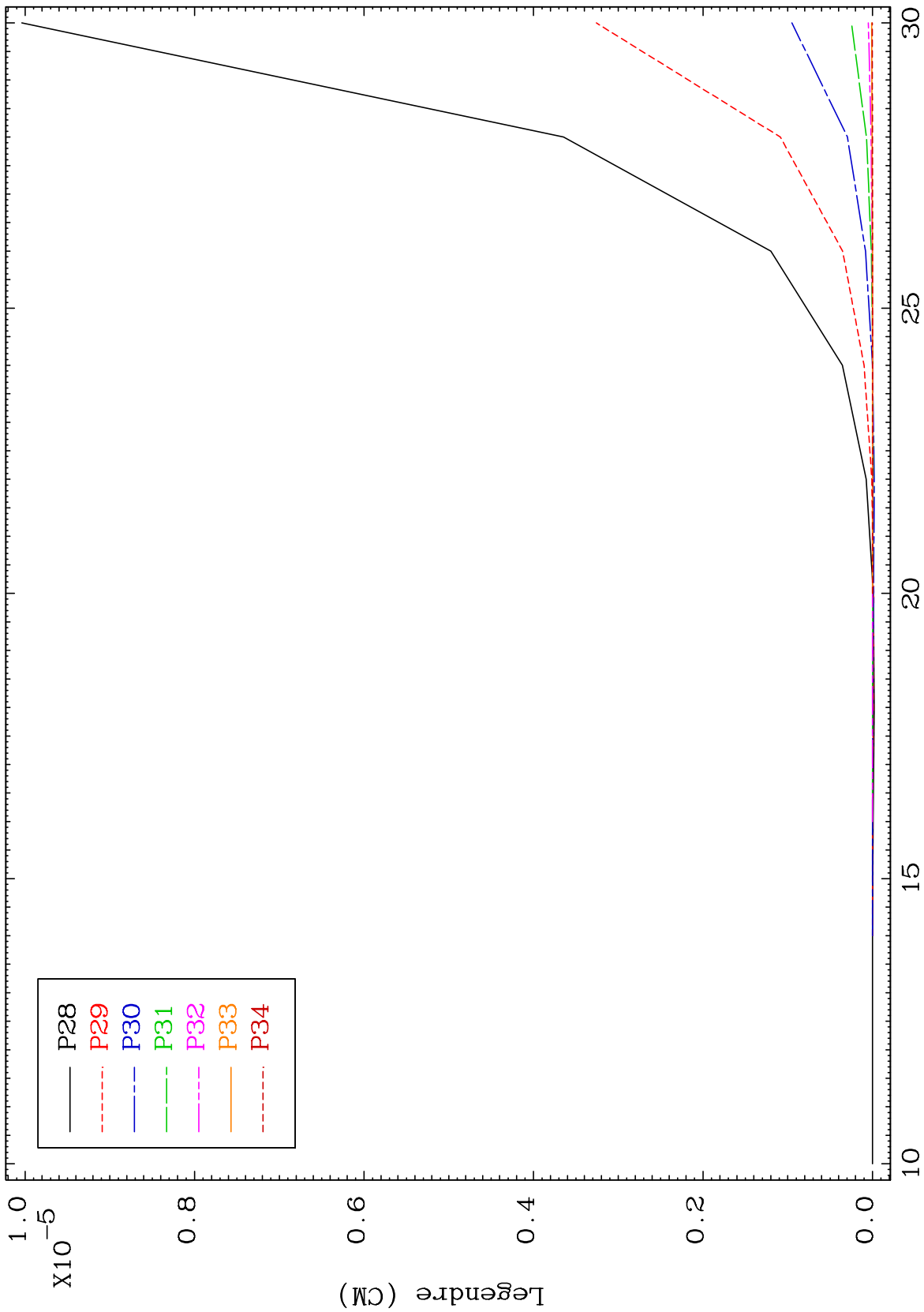
Incident Energy (MeV)

79-Au-194

MAT 7916

Elastic Legendre Coefficients

79-Au-194



17

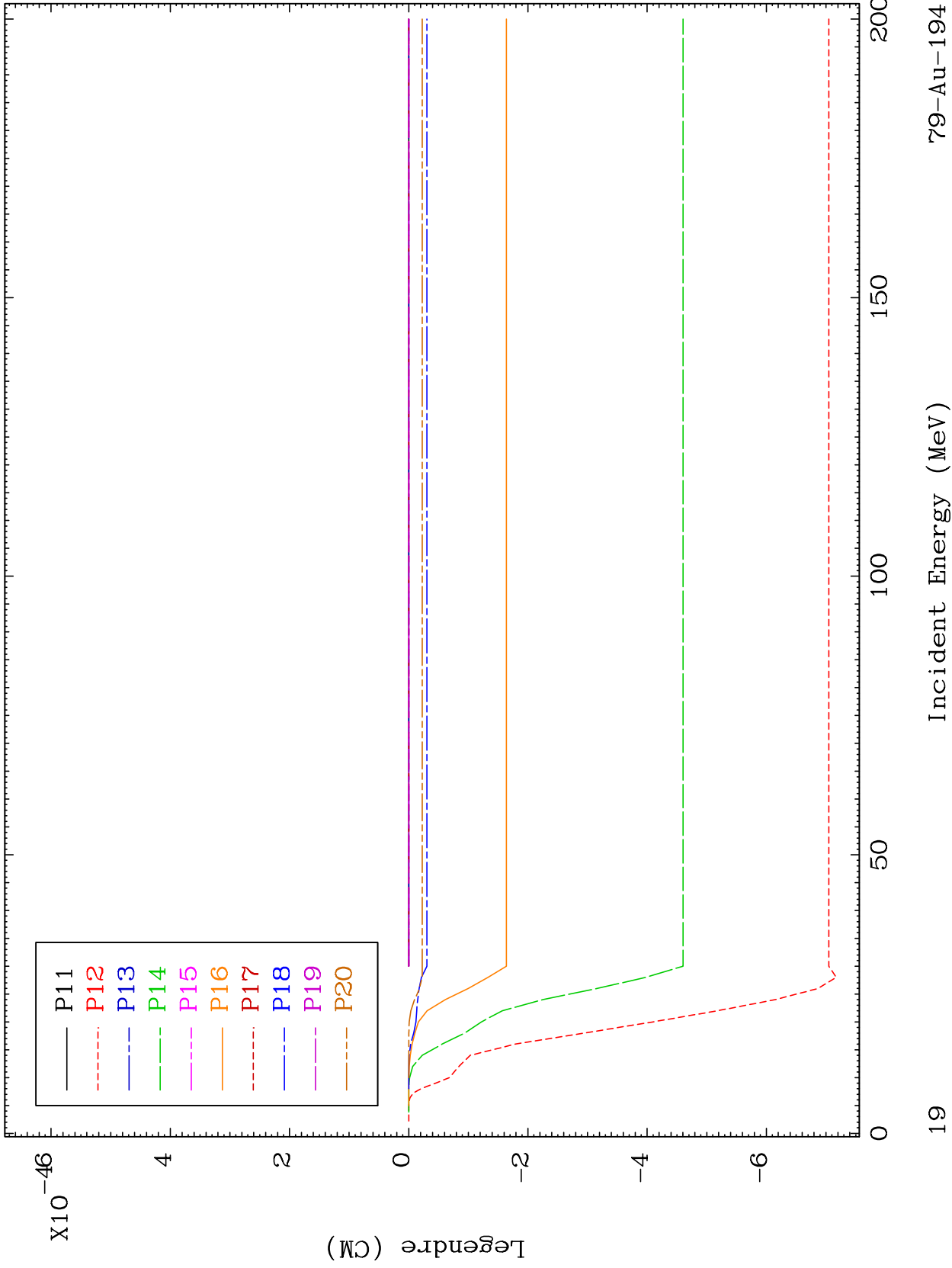
Incident Energy (MeV)

79-Au-194

MAT 7916

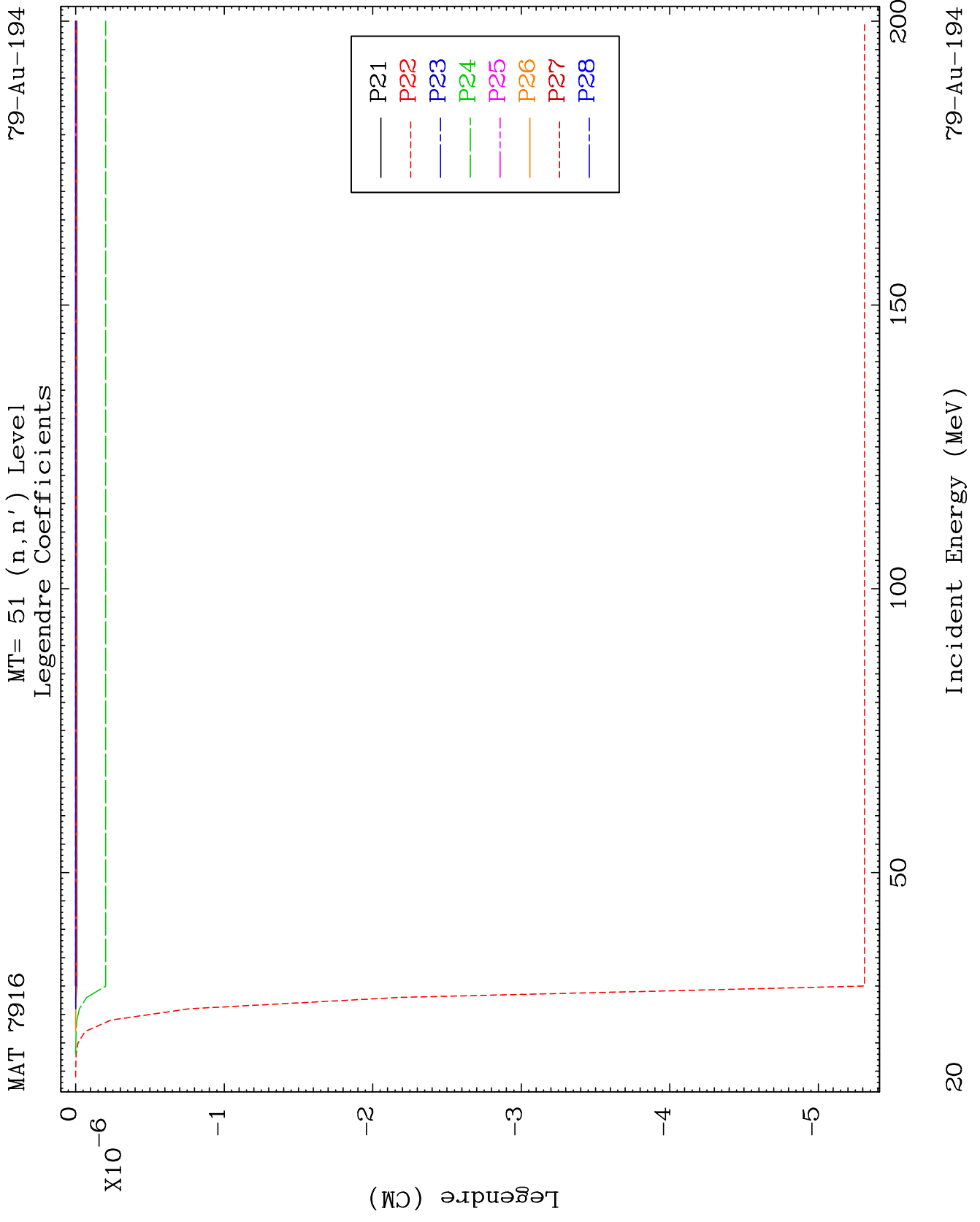
MT= 51 (n,n') Level
Legendre Coefficients

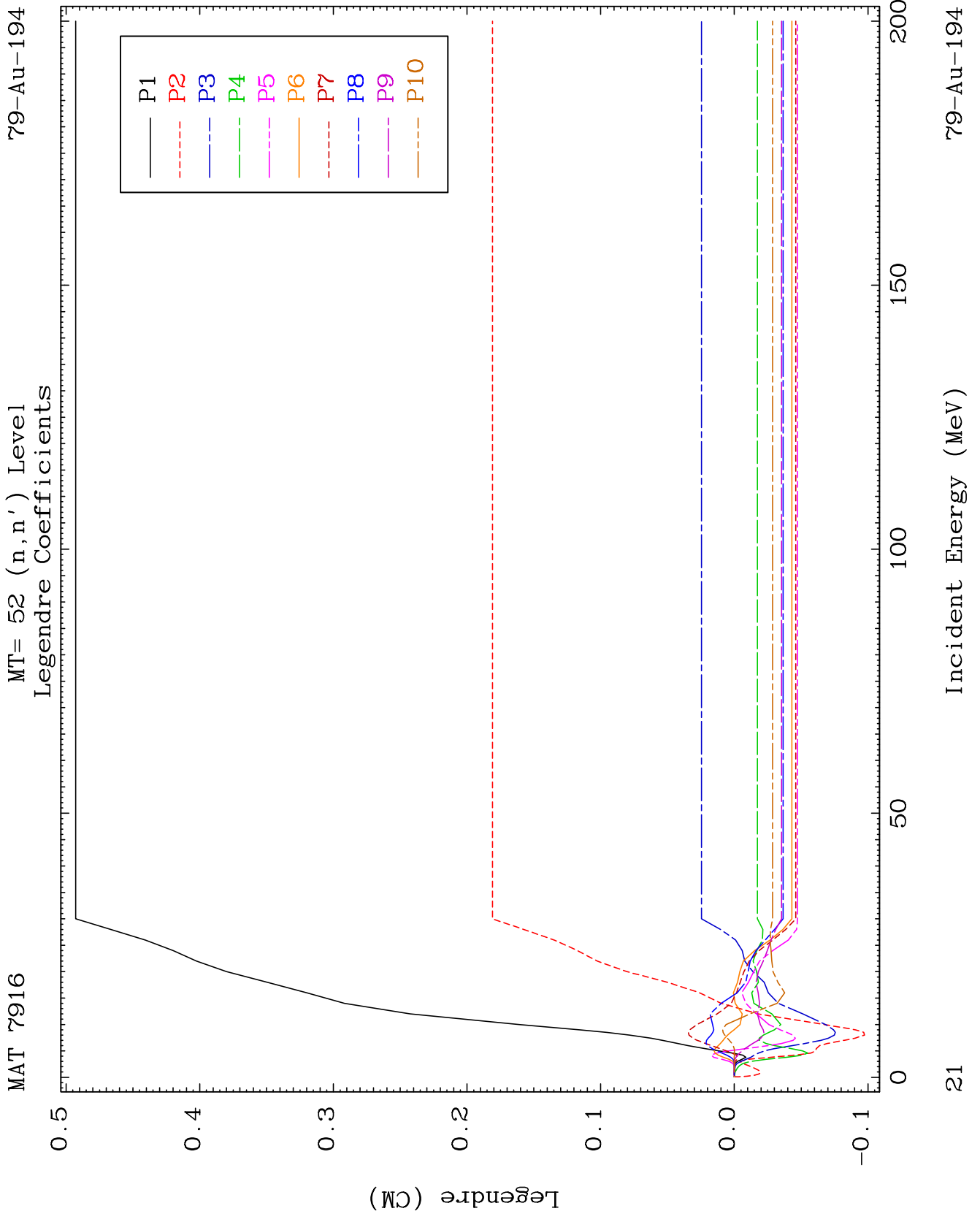
79-Au-194



19

79-Au-194

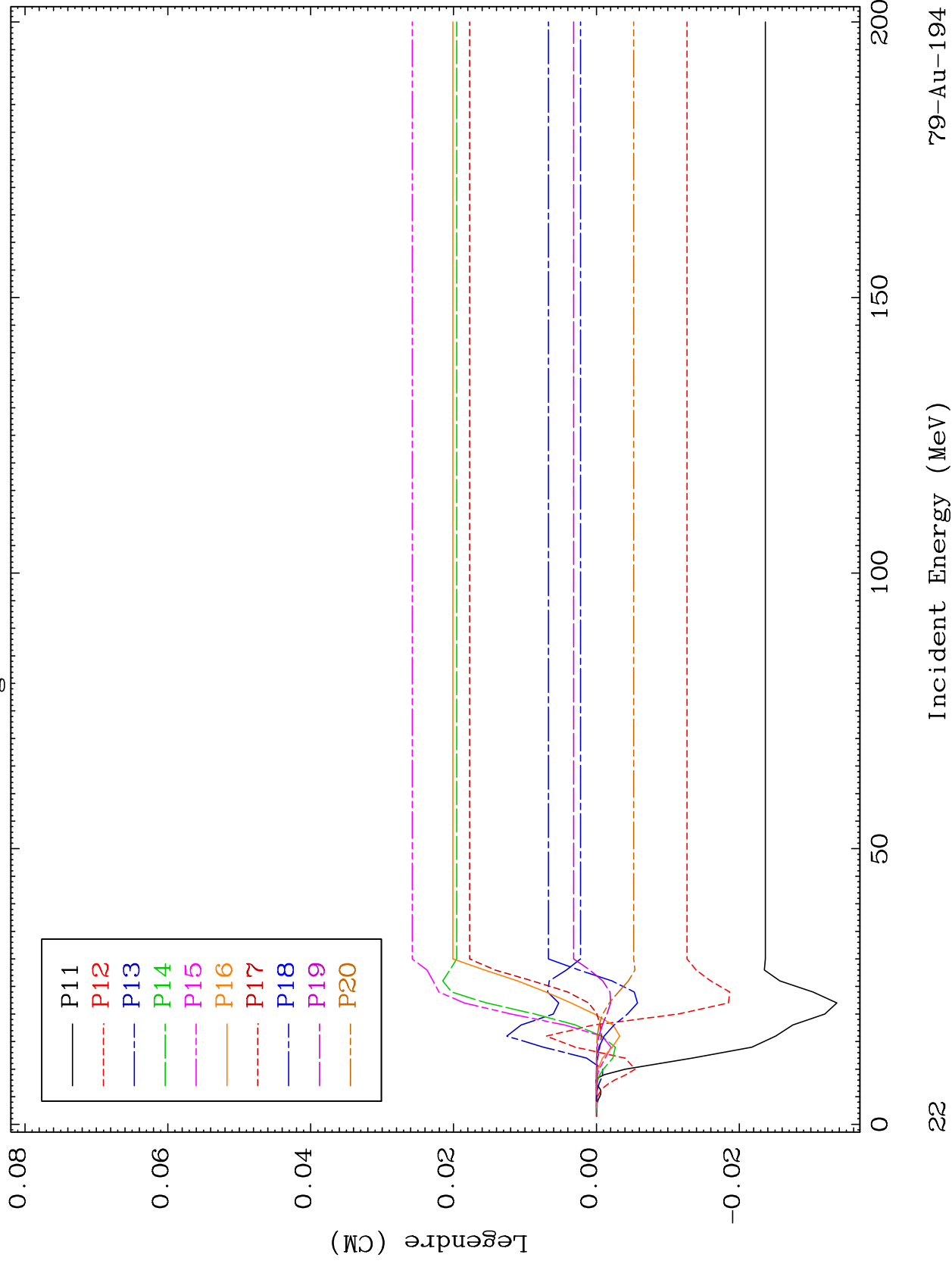




MAT 7916

MT= 52 (n,n') Level
Legendre Coefficients

79-Au-194



79-Au-194

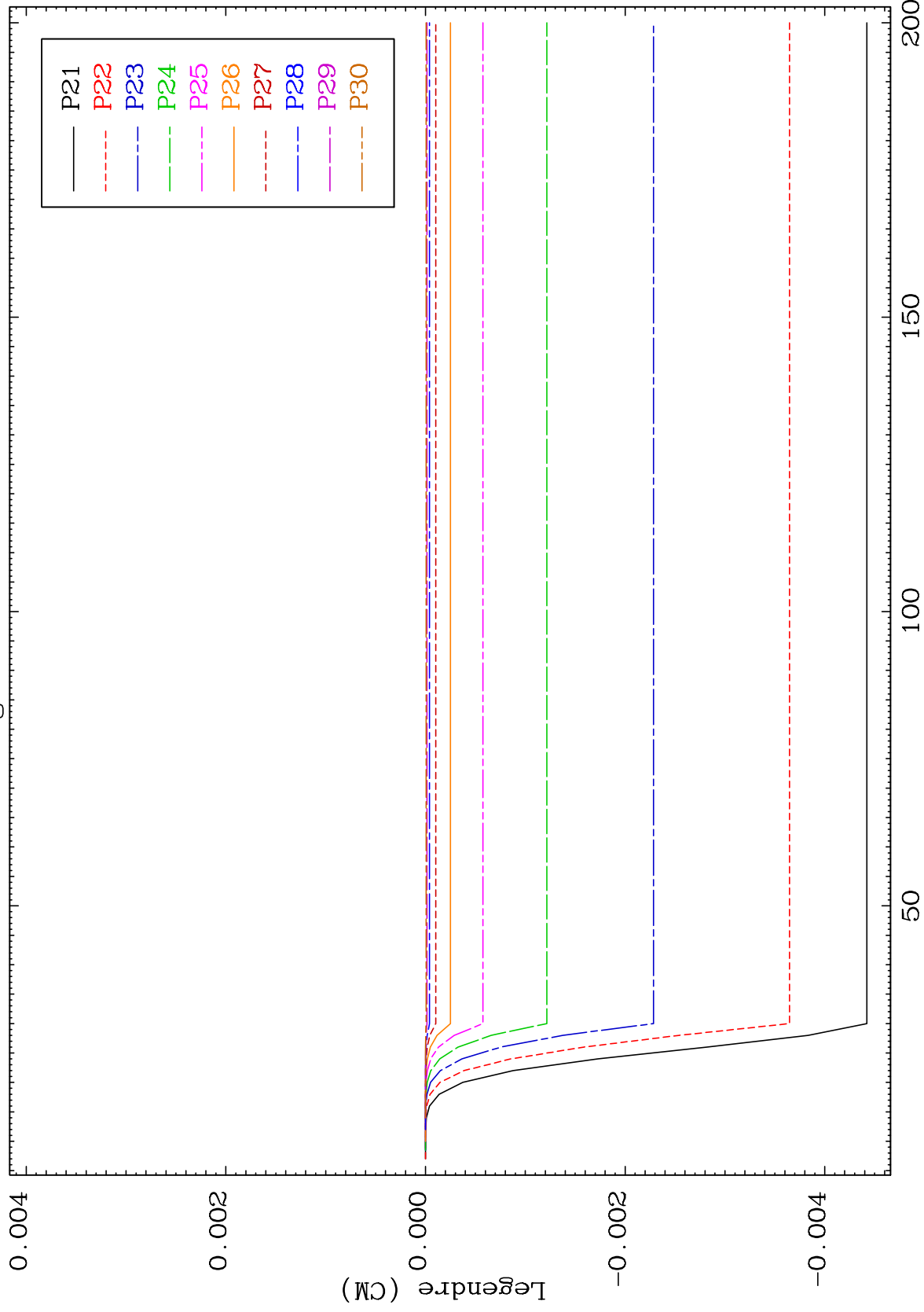
Incident Energy (MeV)

22

MAT 7916

MT= 52 (n,n') Level
Legendre Coefficients

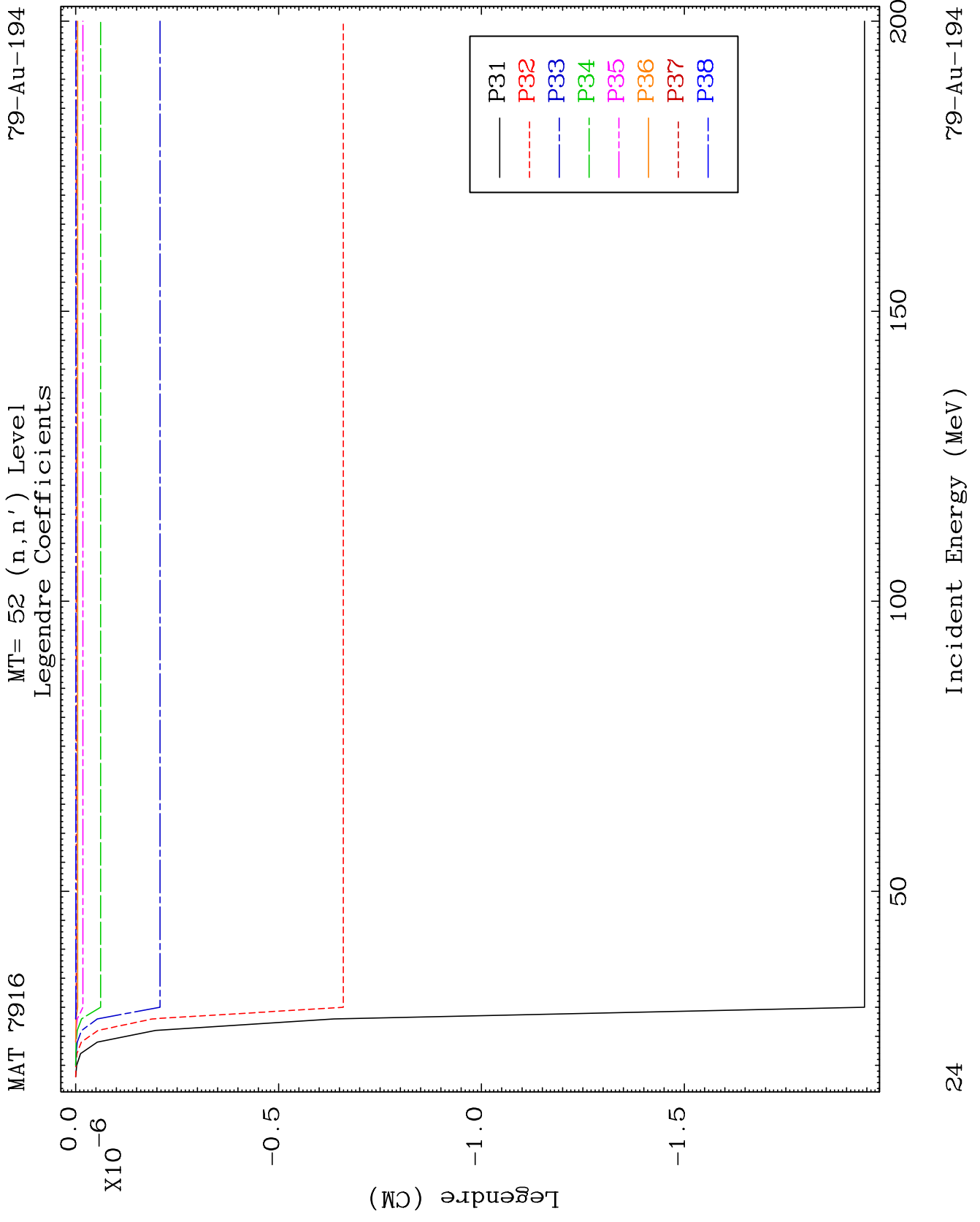
79-Au-194



23

Incident Energy (MeV)

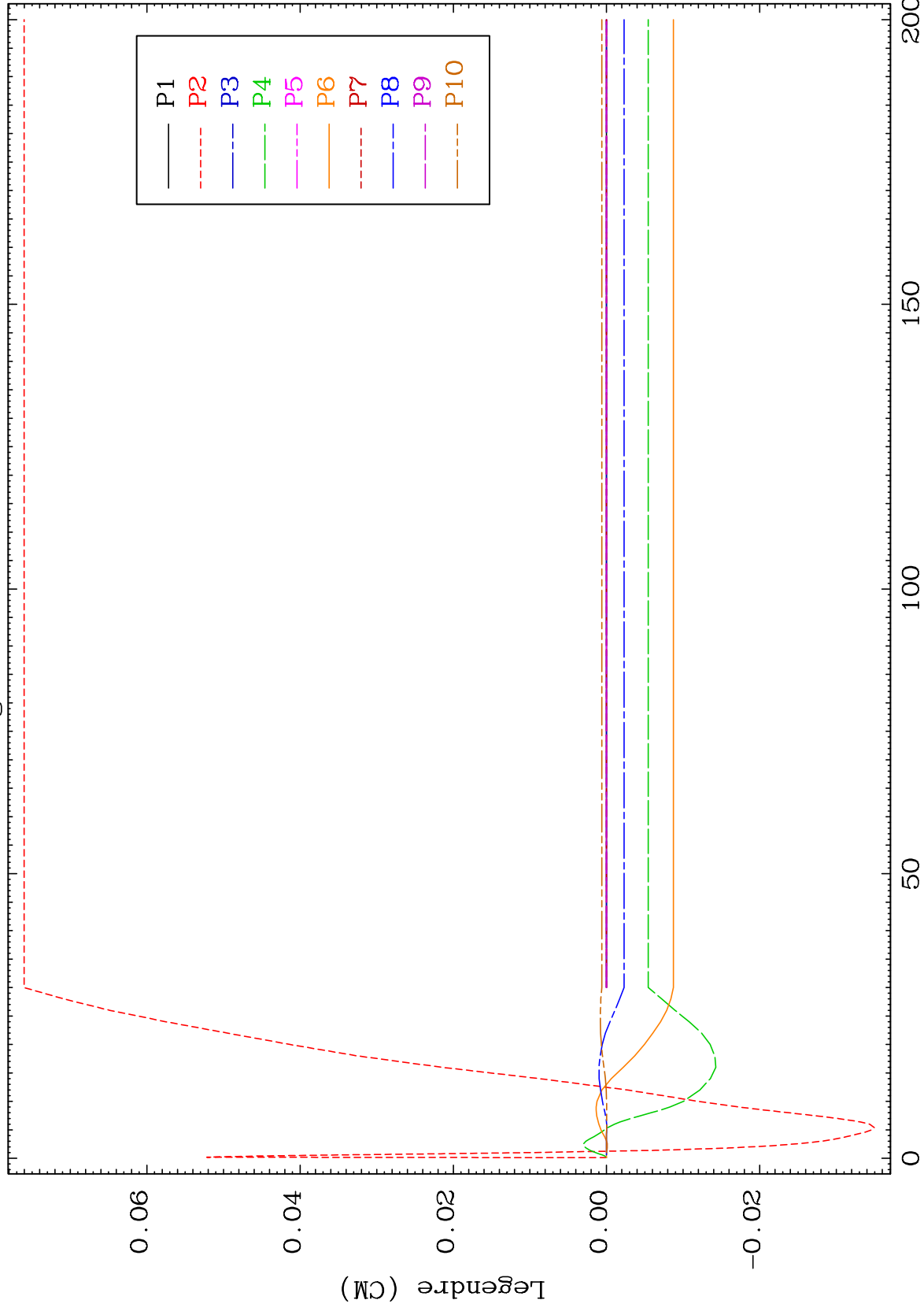
79-Au-194



MAT 7916

MT= 53 (n,n') Level
Legendre Coefficients

79-Au-194



79-Au-194

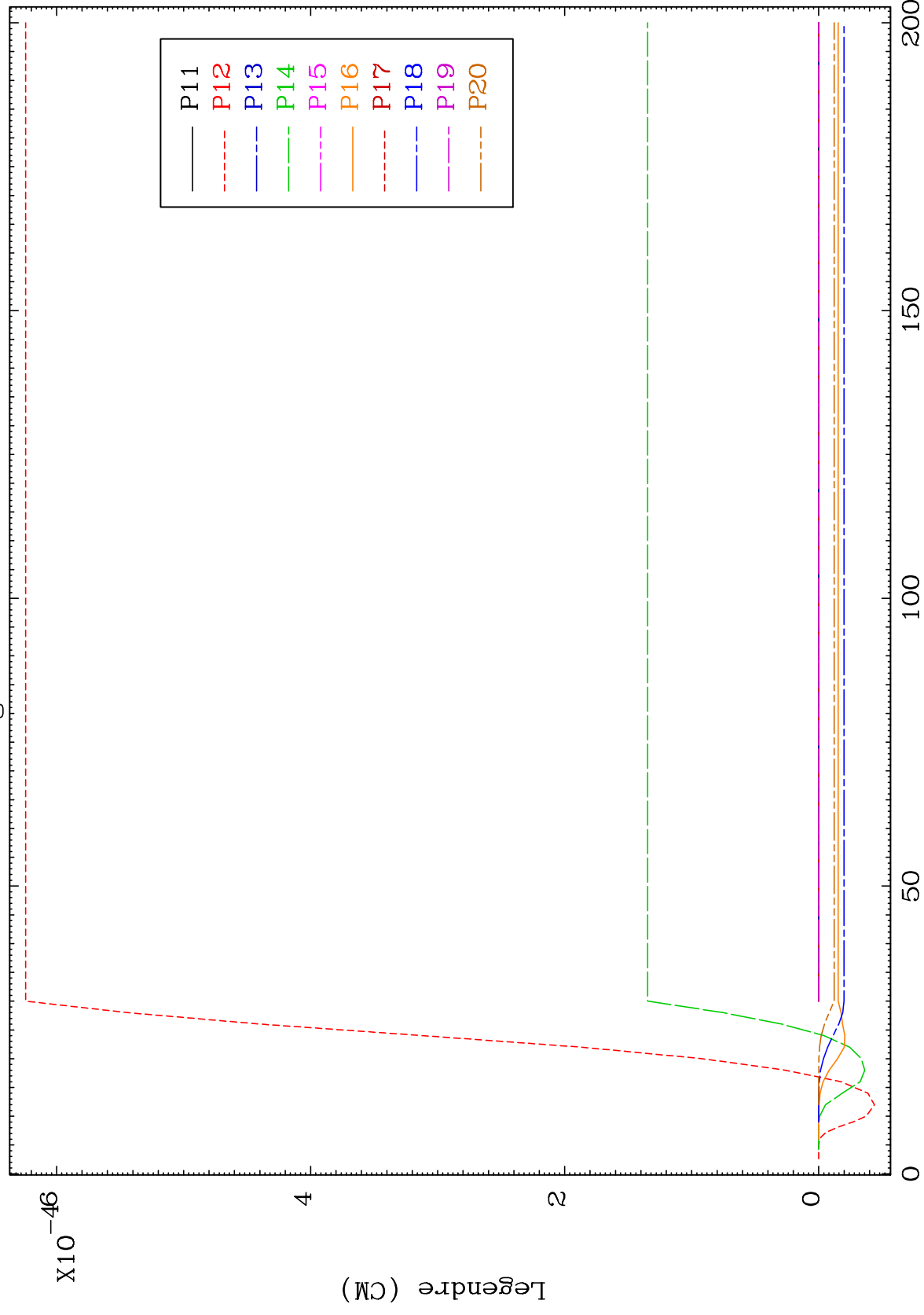
Incident Energy (MeV)

25

MAT 7916

MT= 53 (n,n') Level
Legendre Coefficients

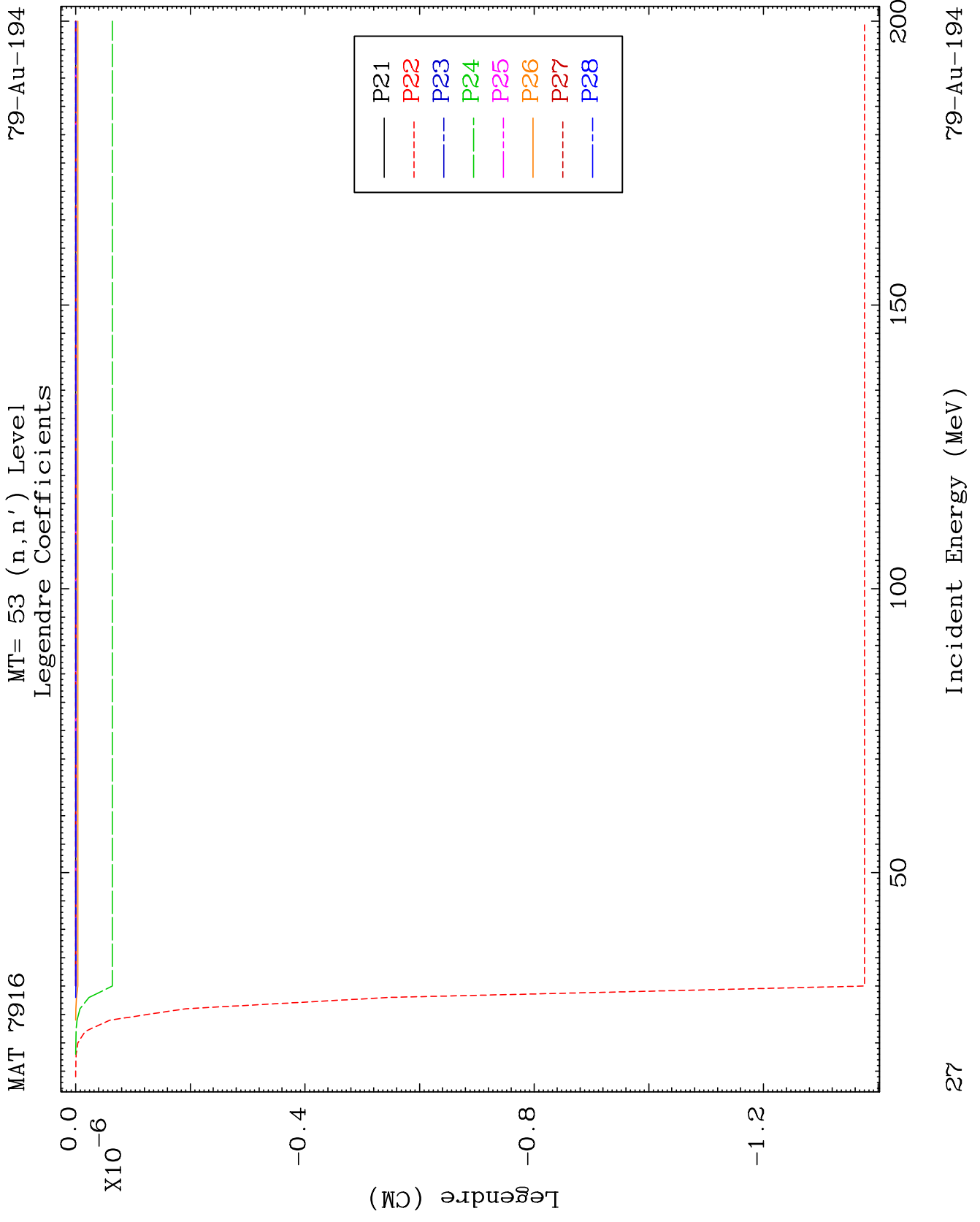
79-Au-194



26

Incident Energy (MeV)

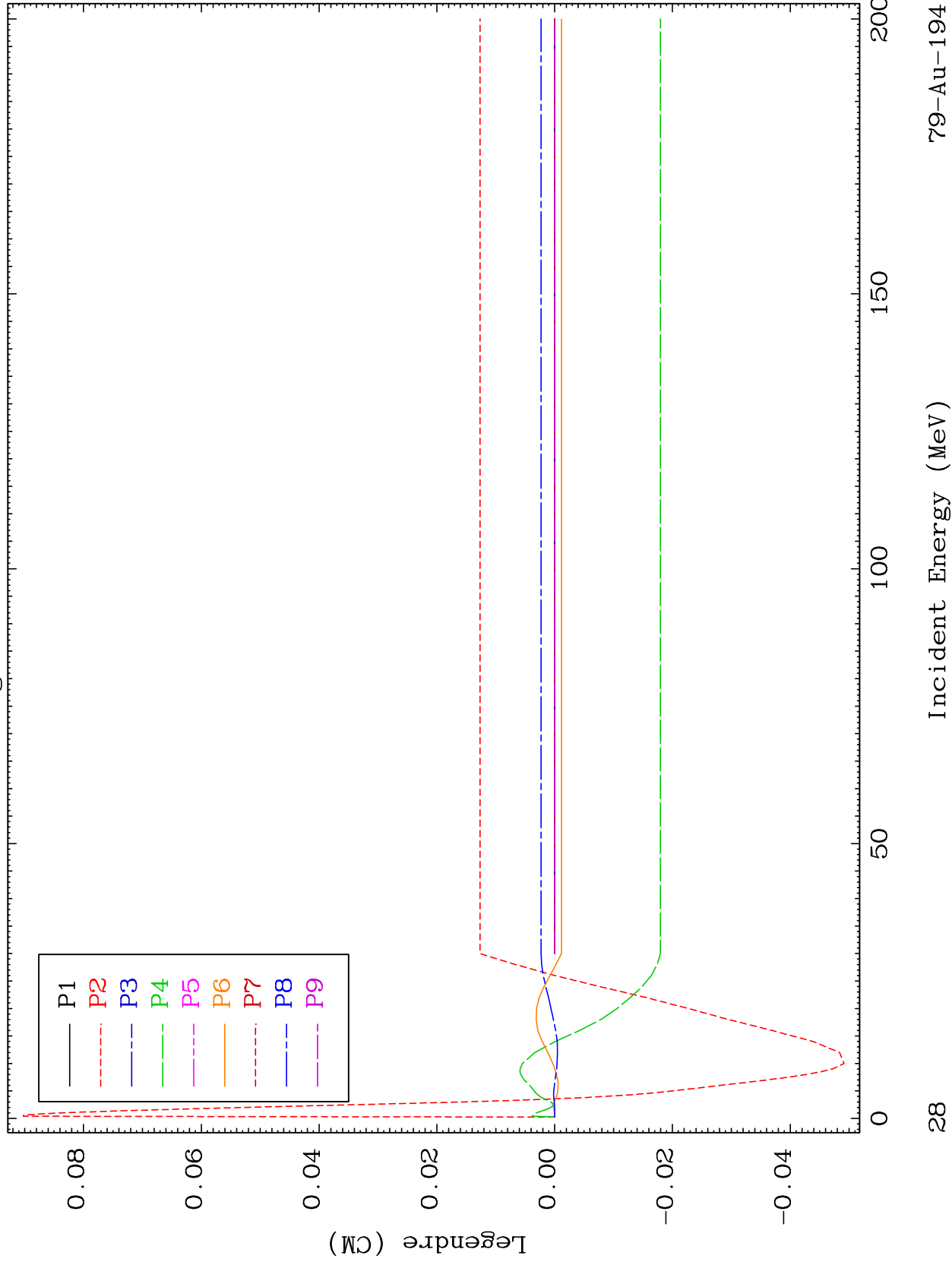
79-Au-194



MAT 7916

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

79-Au-194



28

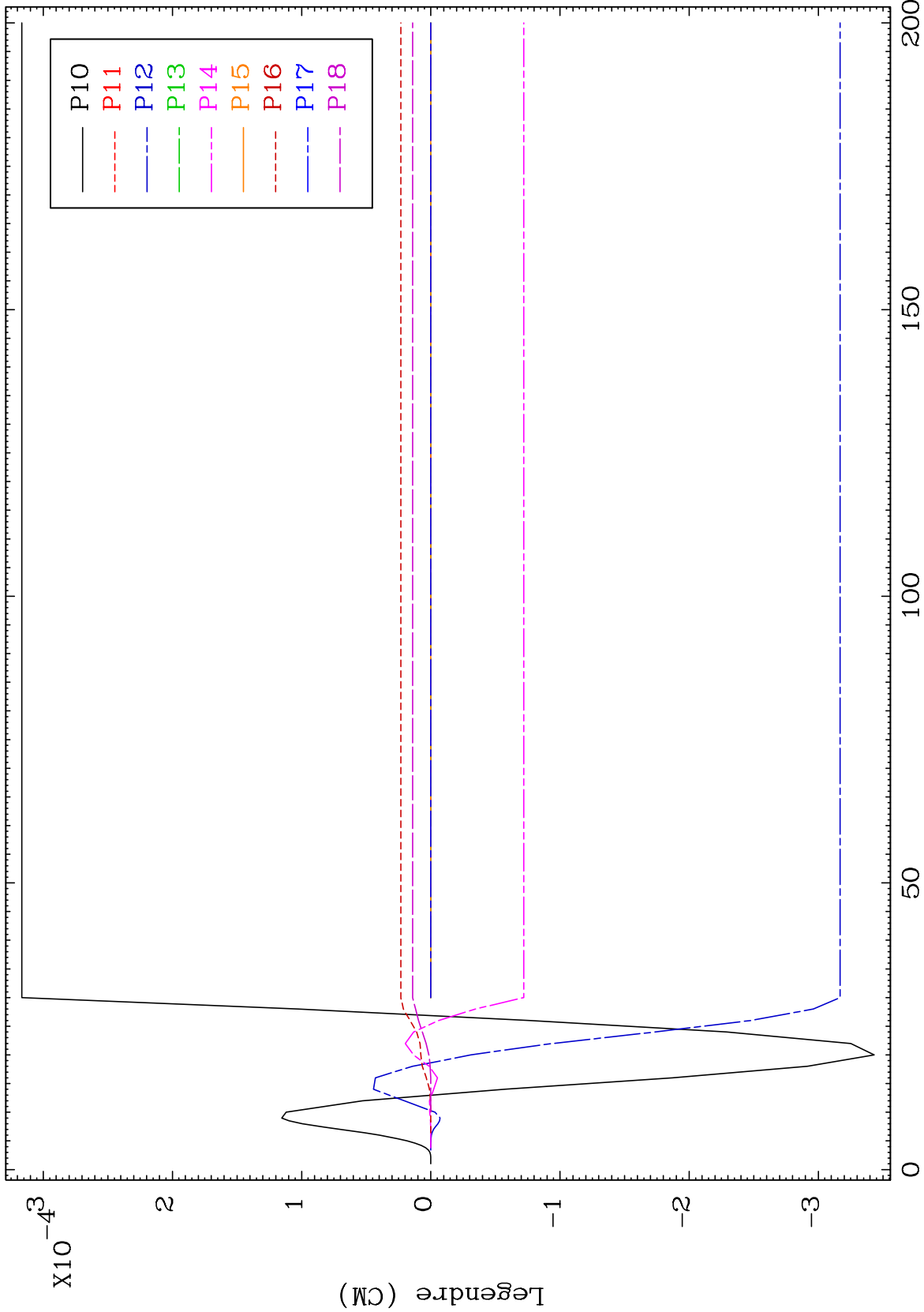
Incident Energy (MeV)

79-Au-194

MAT 7916

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

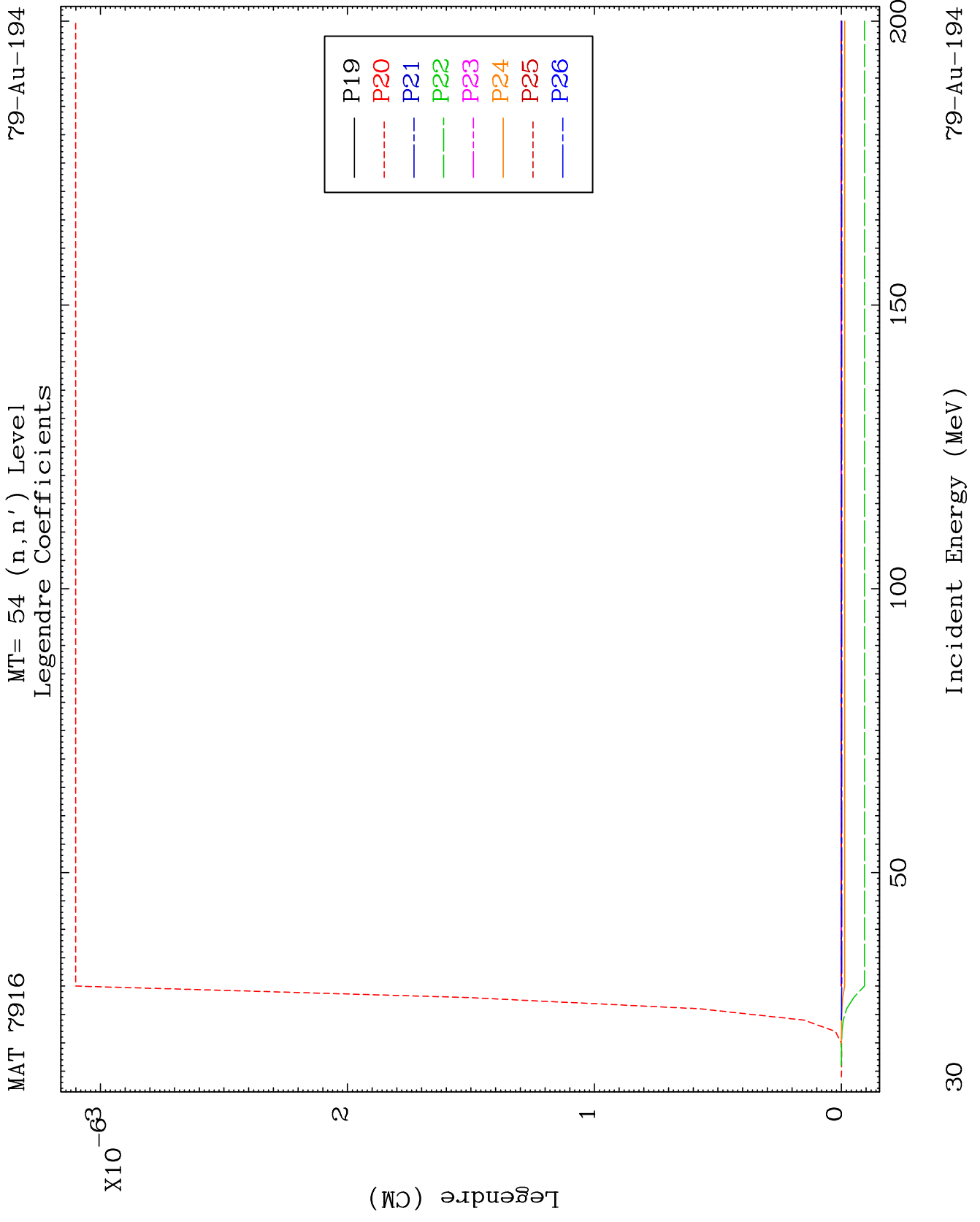
79-Au-194



29

Incident Energy (MeV)

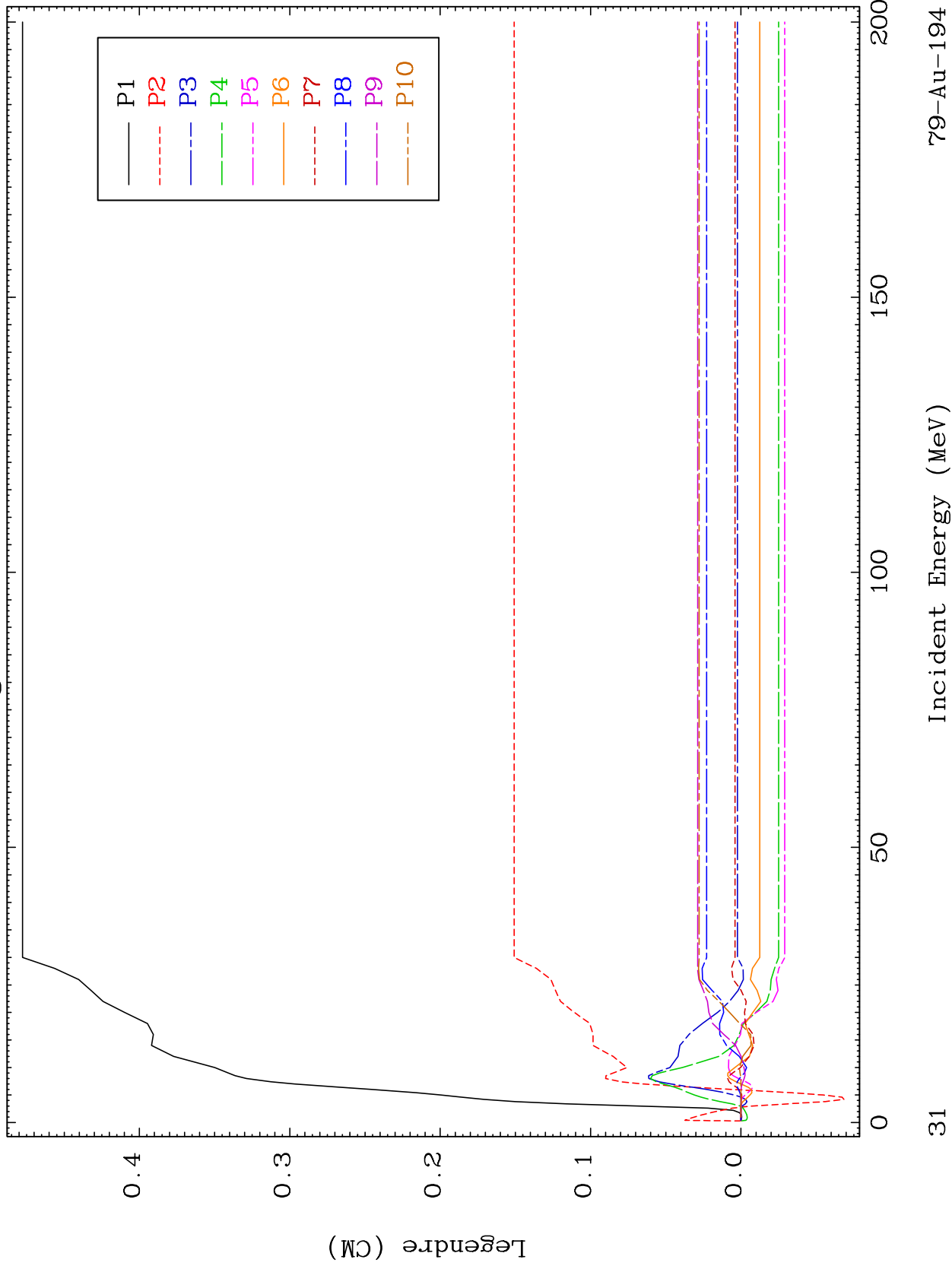
79-Au-194



MAT 7916

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

79-Au-194



79-Au-194

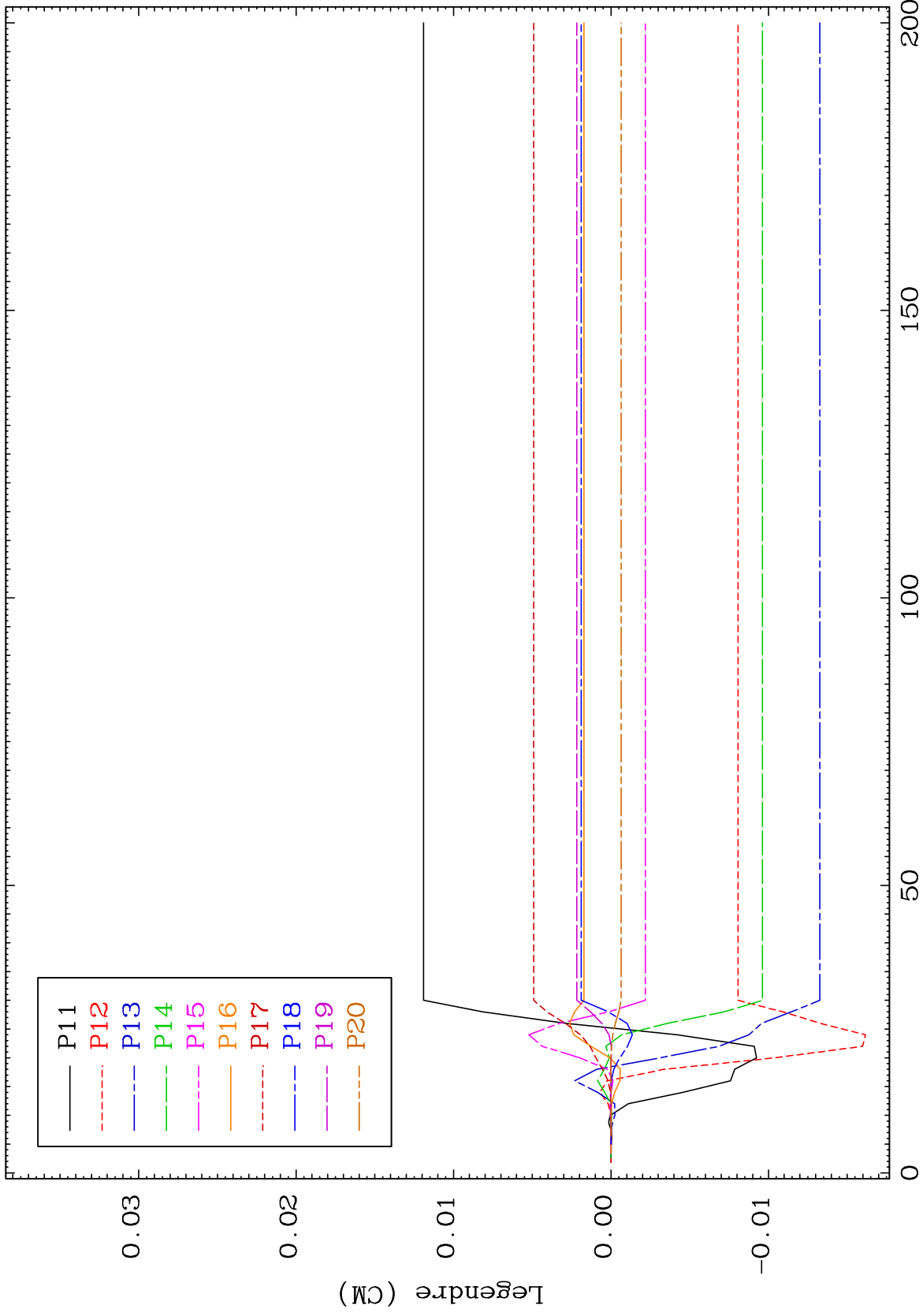
Incident Energy (MeV)

31

MAT 7916

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

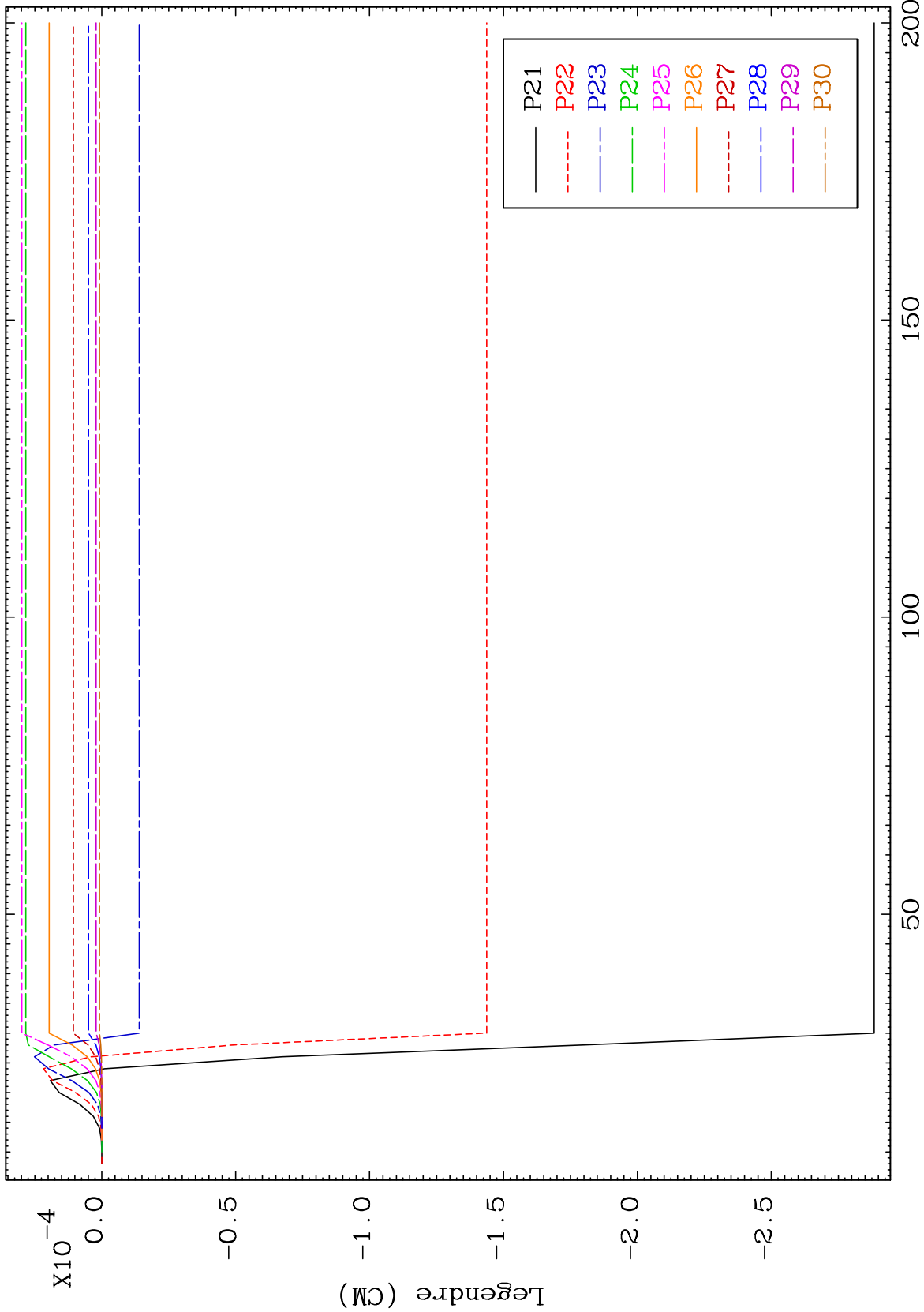
79-Au-194



32

Incident Energy (MeV)

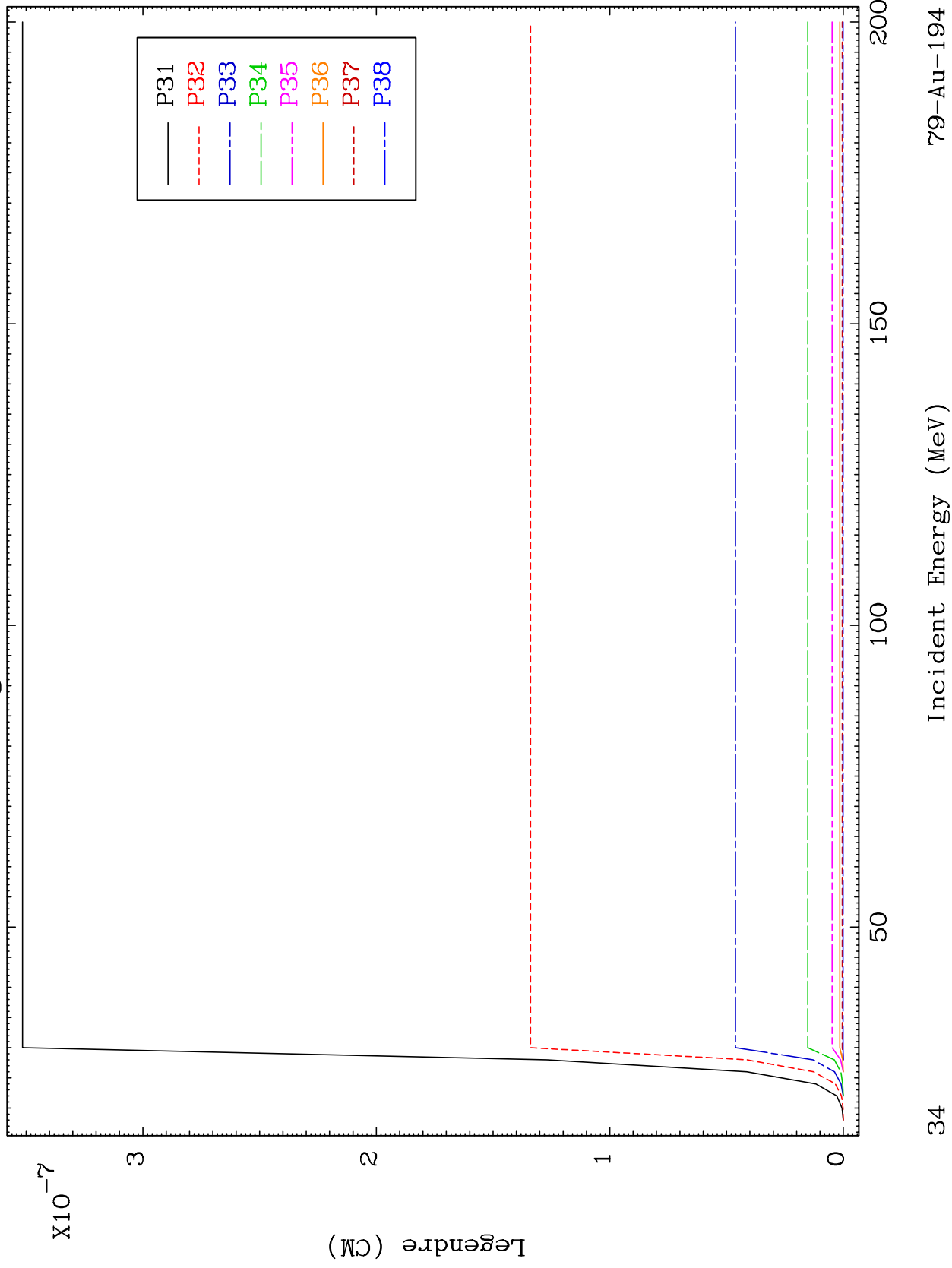
79-Au-194



MAT 7916

79-Au-194

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



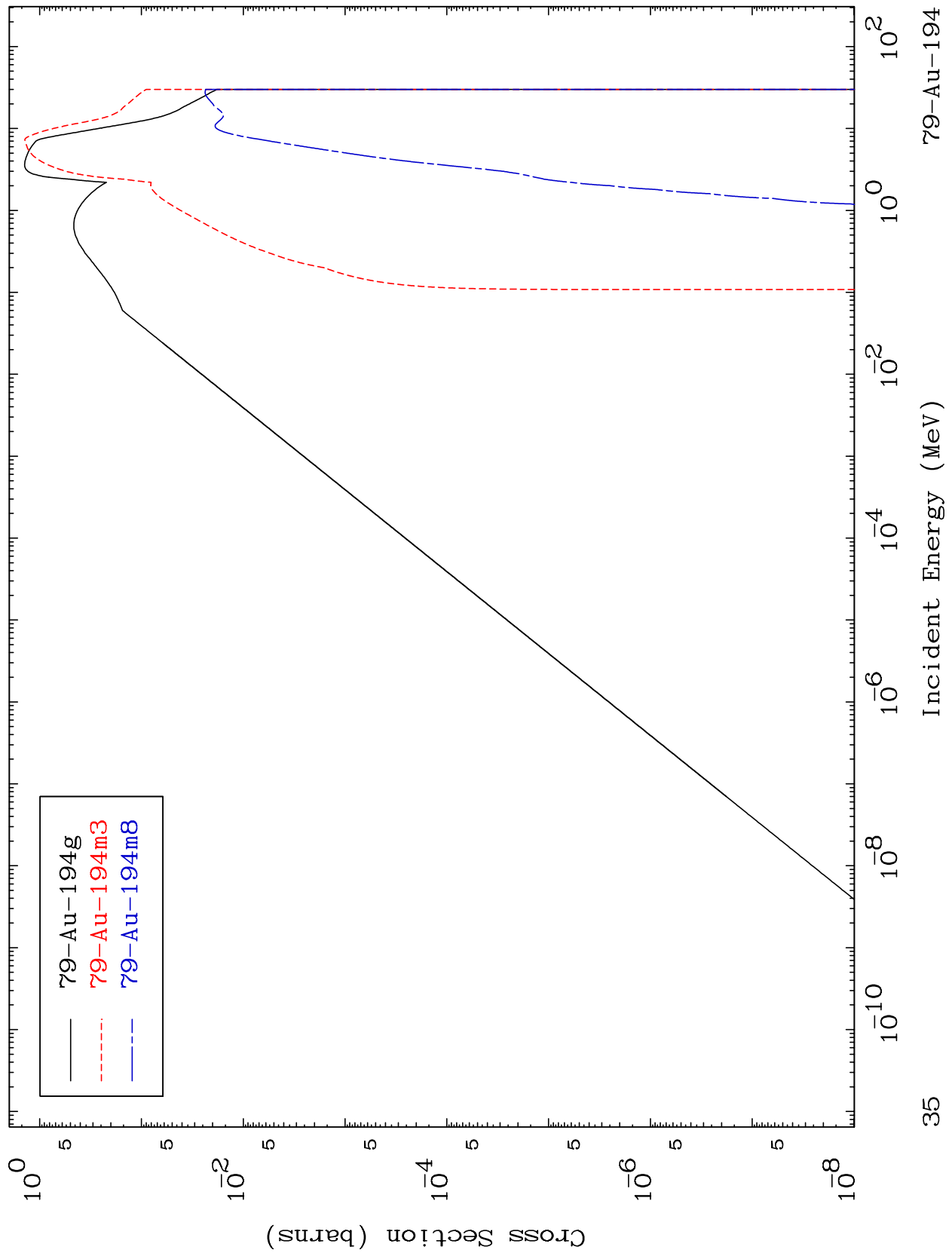
34

79-Au-194

MAT 7916

Inelastic
Radionuclide Production Cross Section

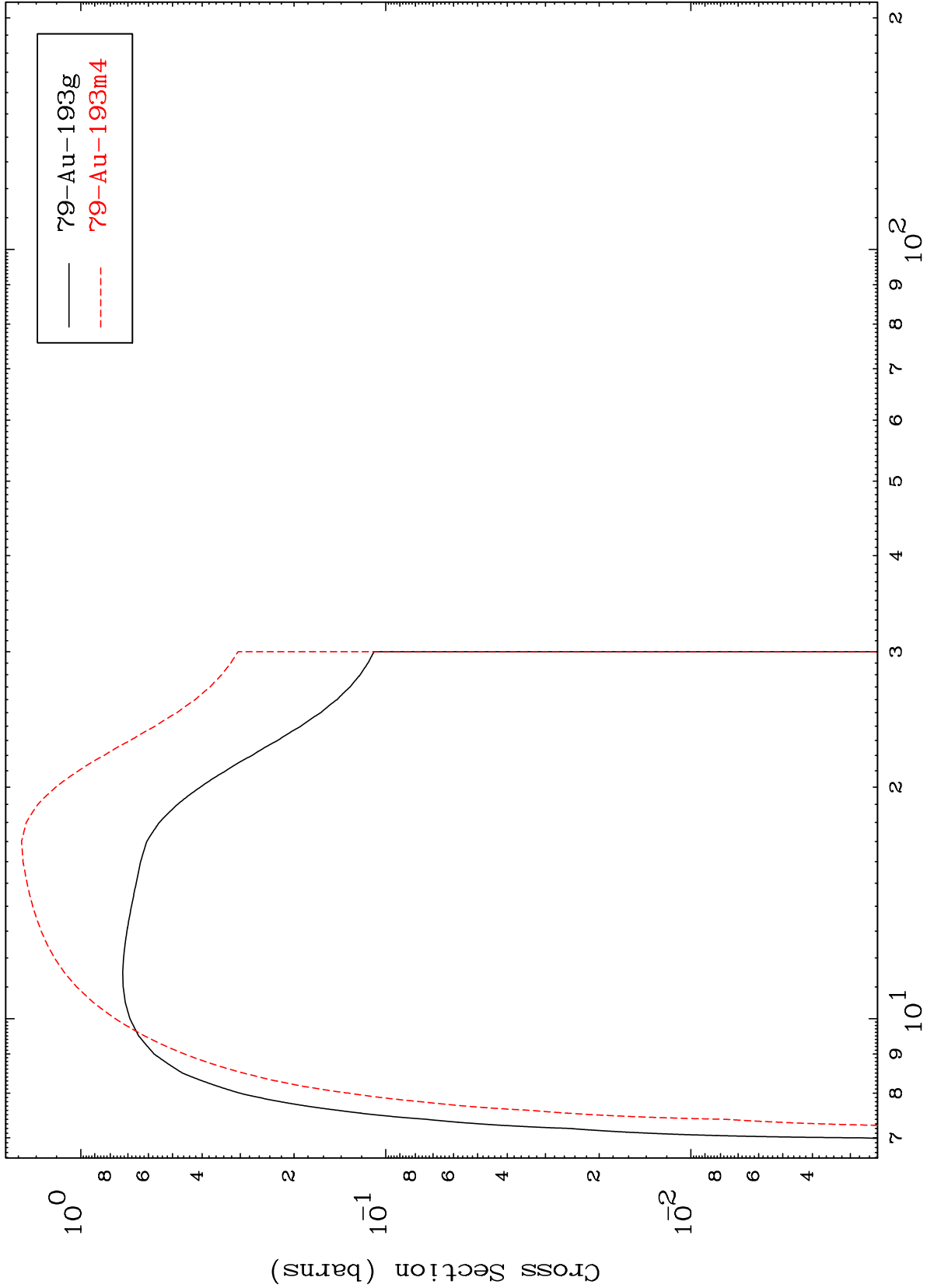
⁷⁹Au-194



MAT 7916

79-Au-194

(n,2n)
Radionuclide Production Cross Section



79-Au-194

Incident Energy (MeV)

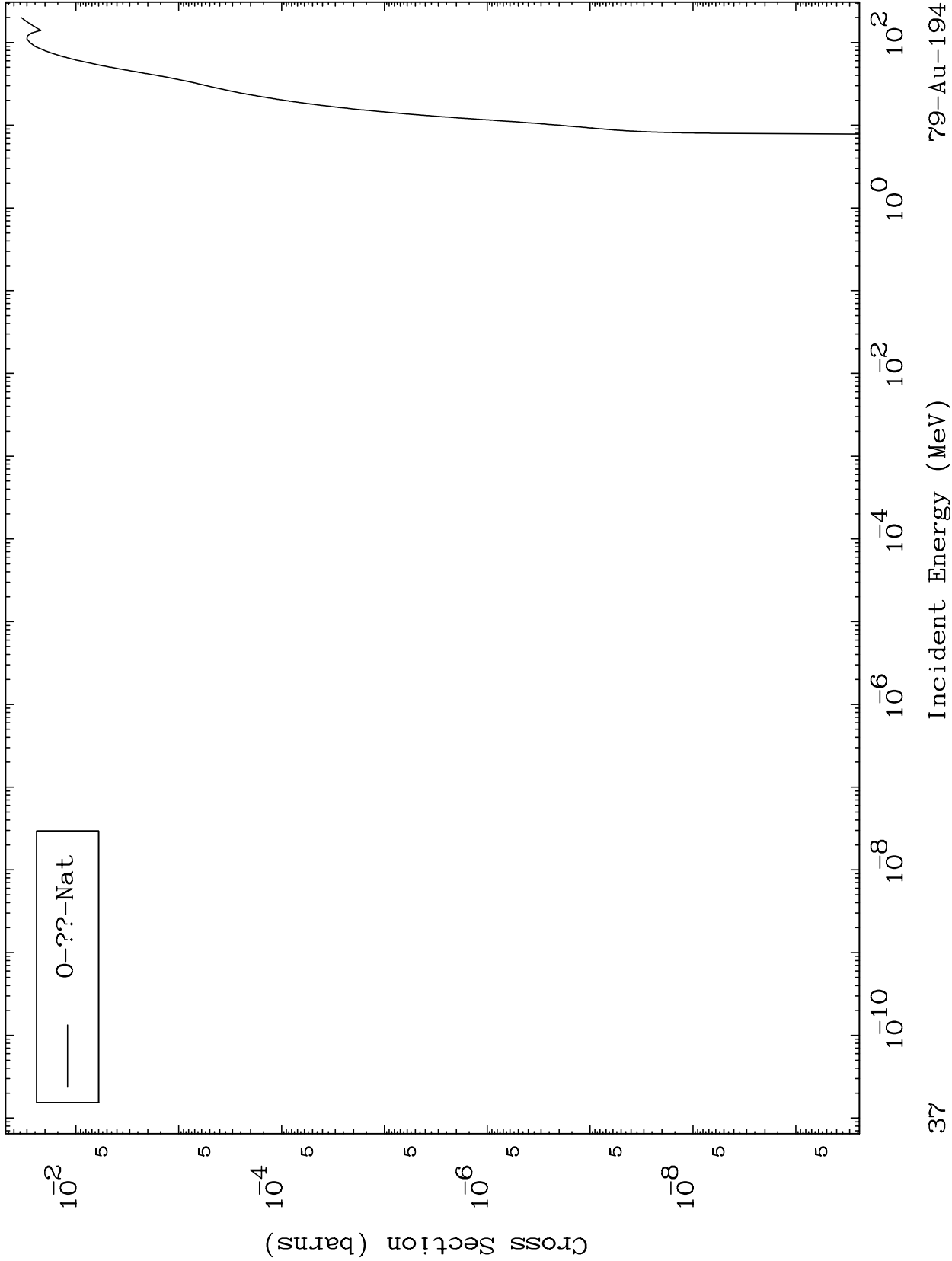
36

MAT 7916

Fission

79-Au-194

Radionuclide Production Cross Section

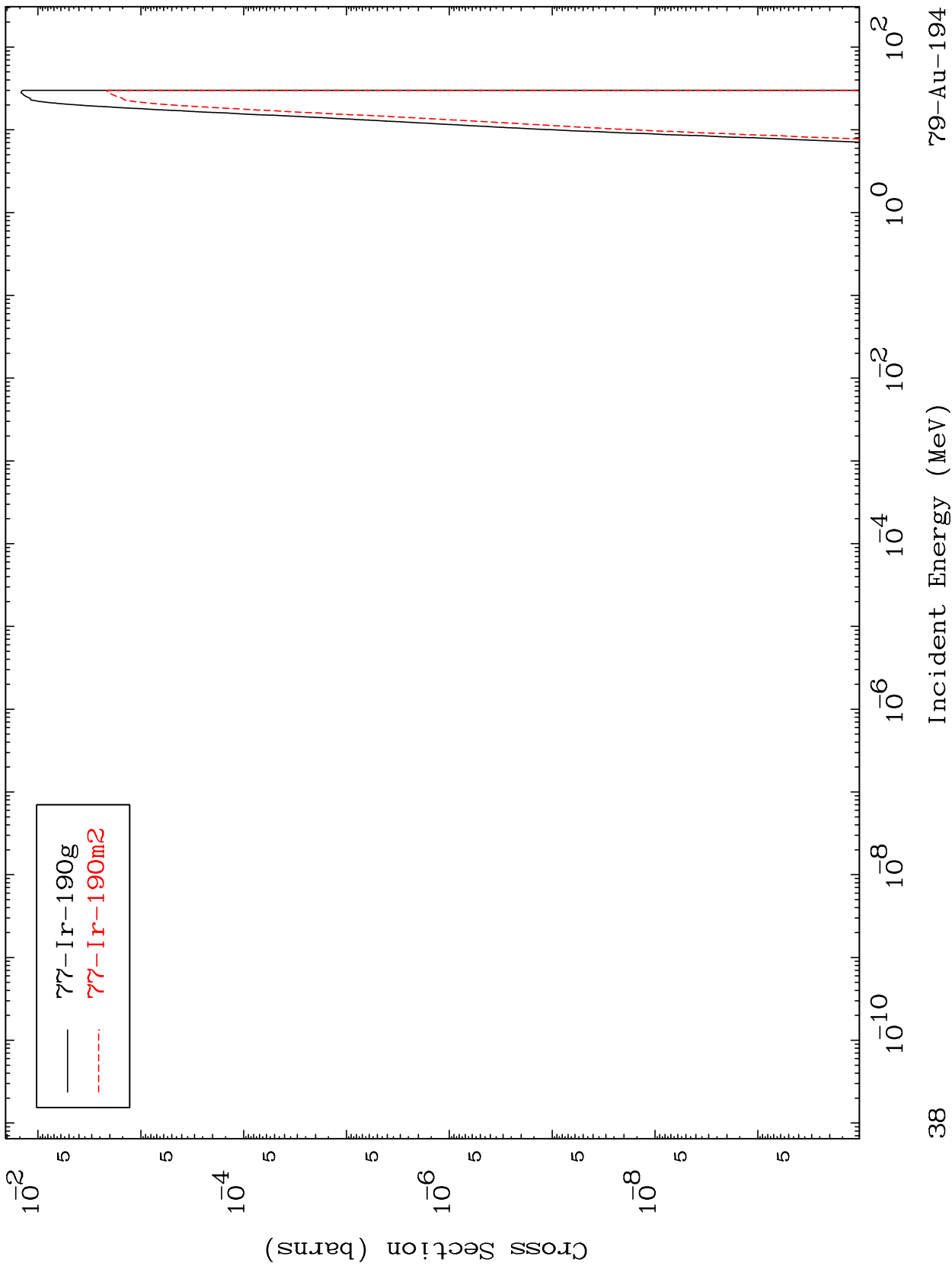


MAT 7916

$(n, n') \alpha$

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

Radionuclide Production Cross Section

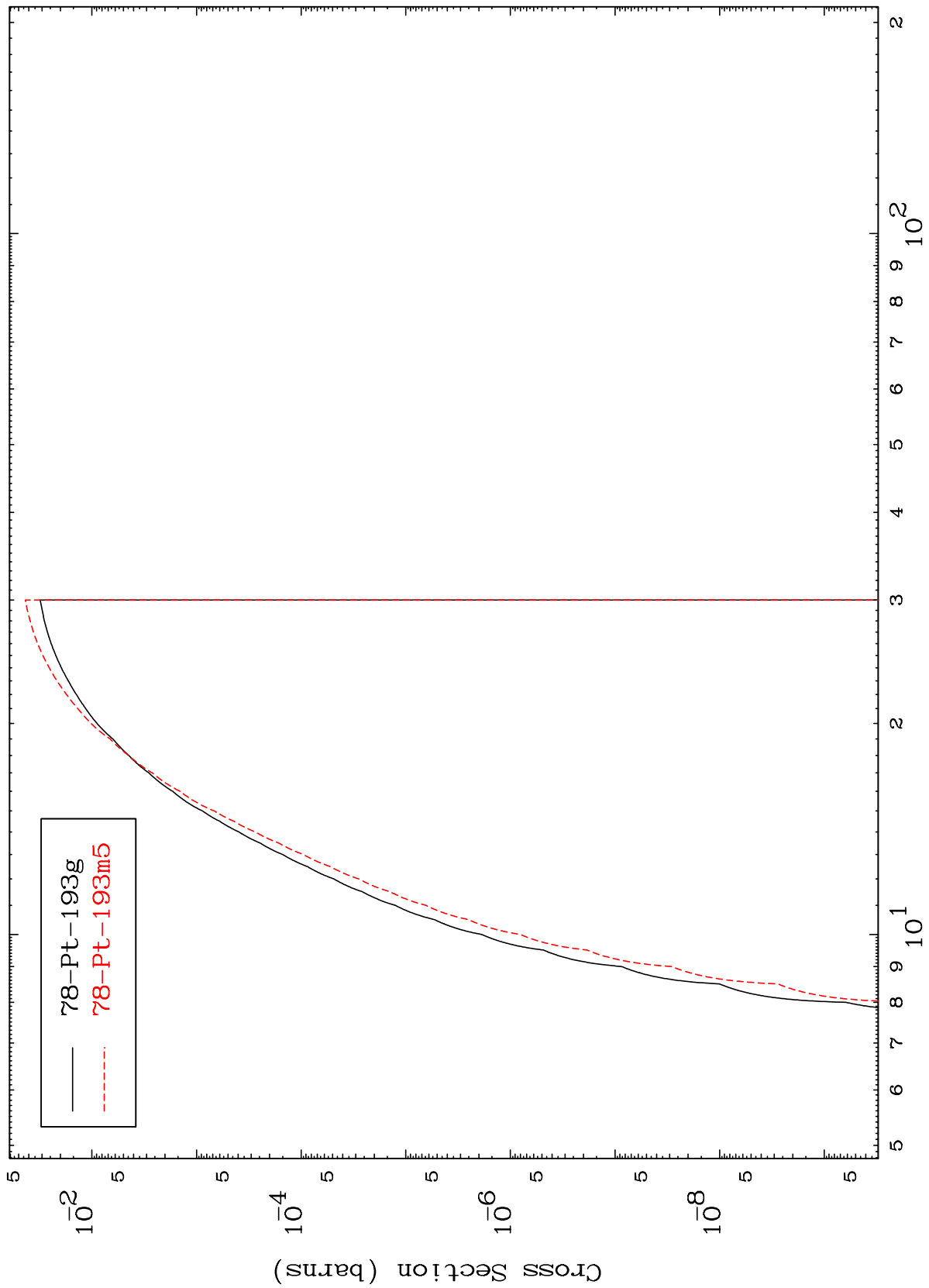


MAT 7916

(n,n') p

79-Au-194

Radionuclide Production Cross Section



39

Incident Energy (MeV)

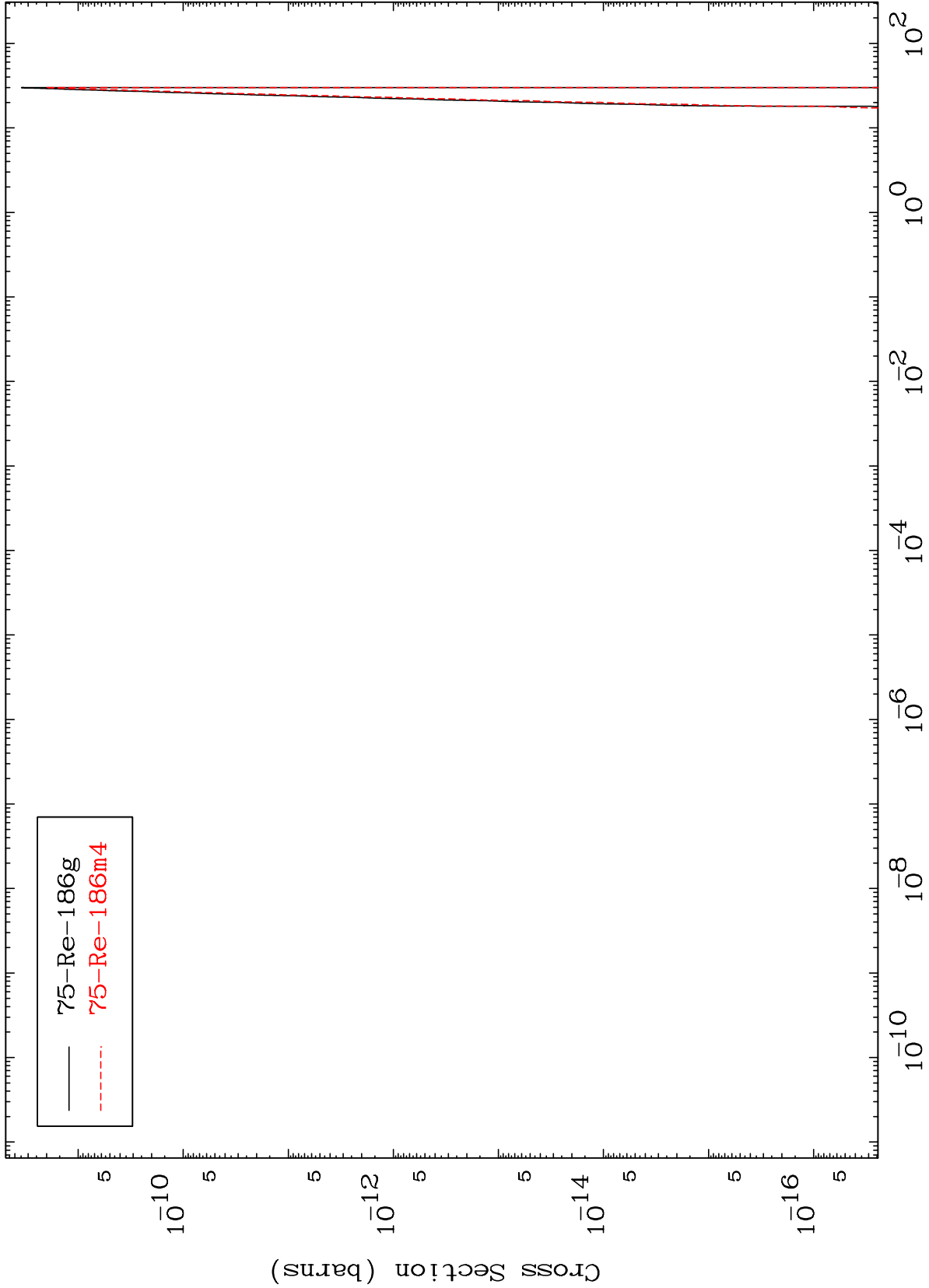
79-Au-194

MAT 7916

(n,n') 2α

79-Au-194

Radionuclide Production Cross Section



40

Incident Energy (MeV)

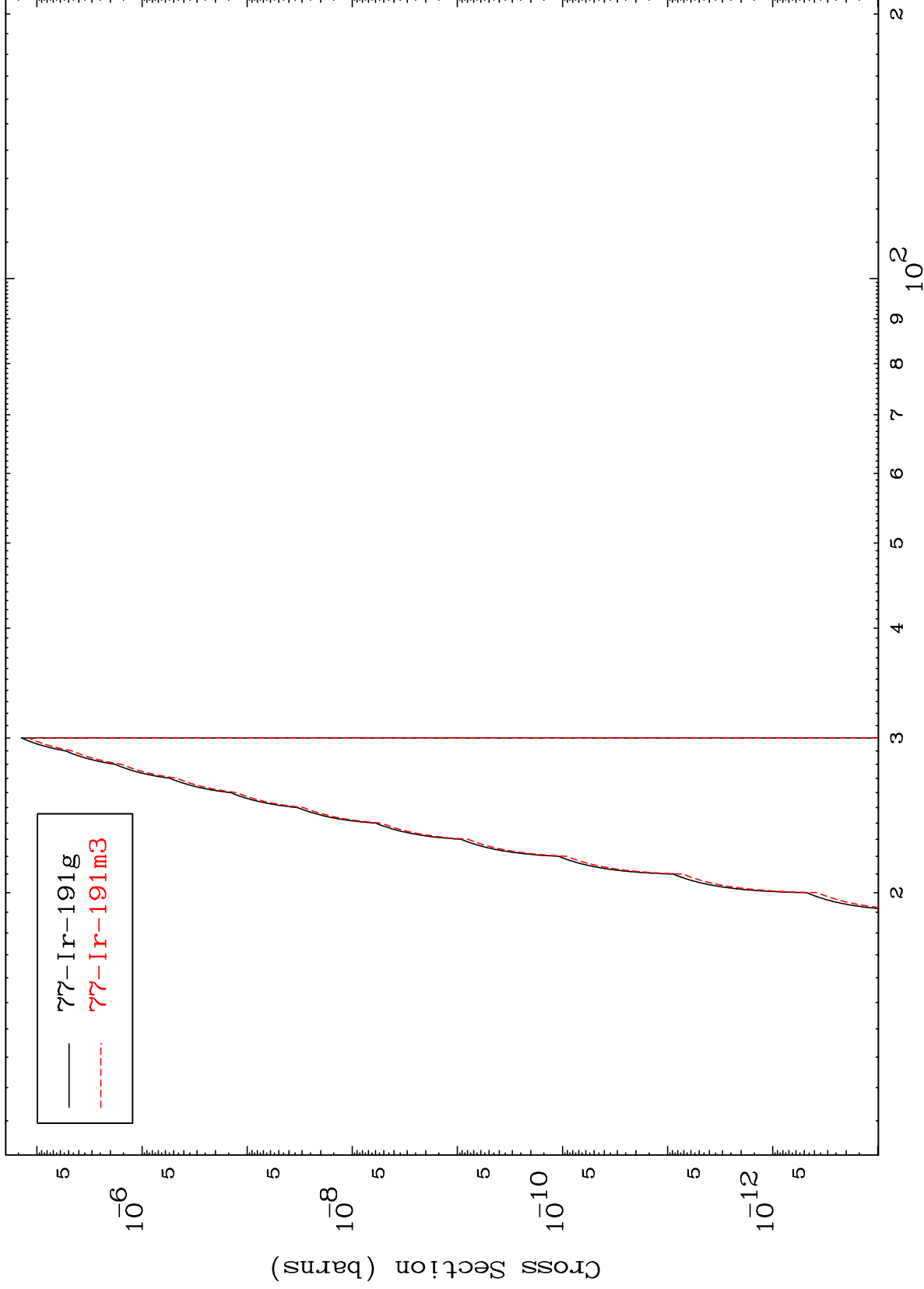
79-Au-194

MAT 7916

(n,n') He-3

79-Au-194

Radionuclide Production Cross Section

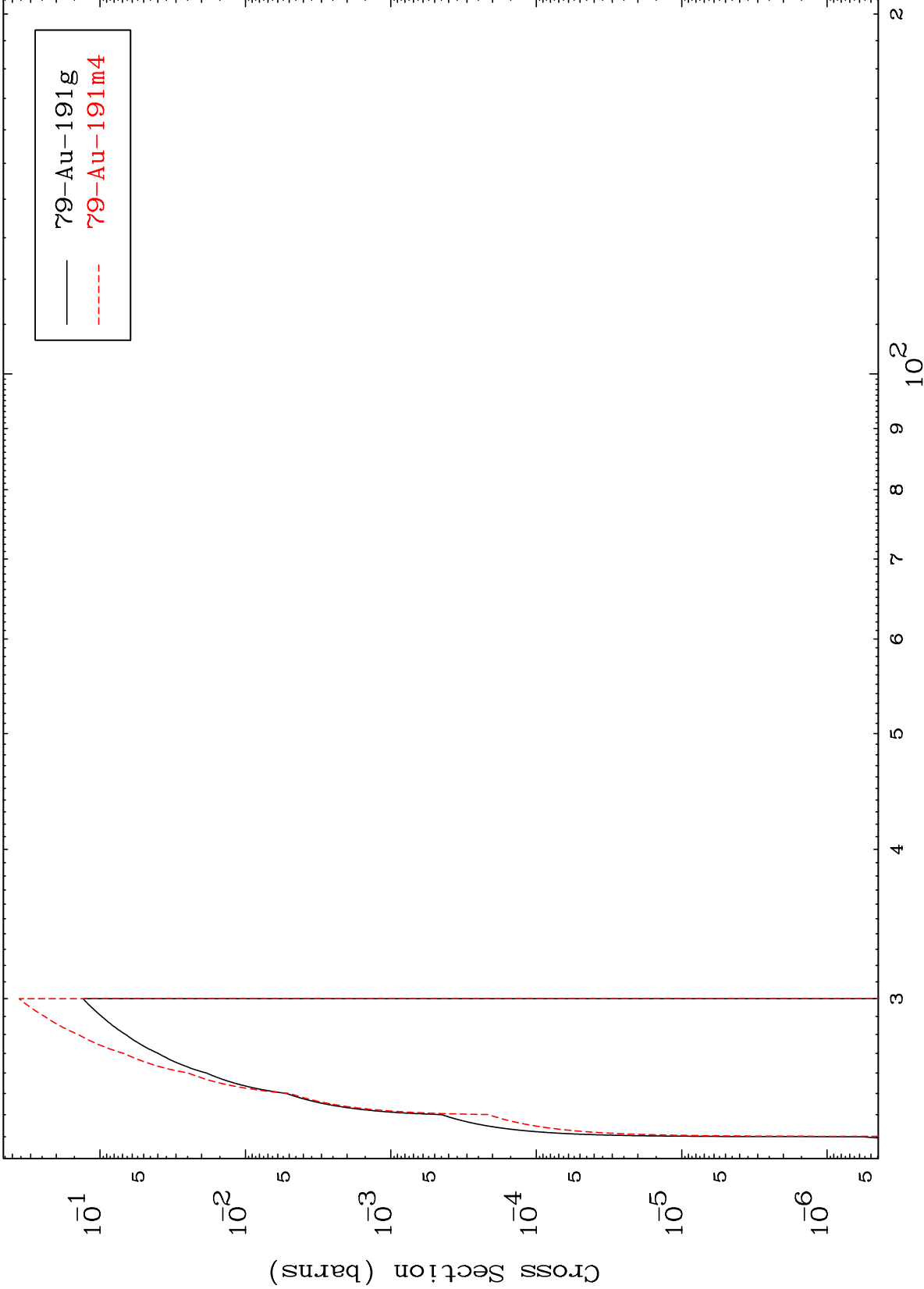


MAT 7916

(n,4n)

79-Au-194

Radionuclide Production Cross Section

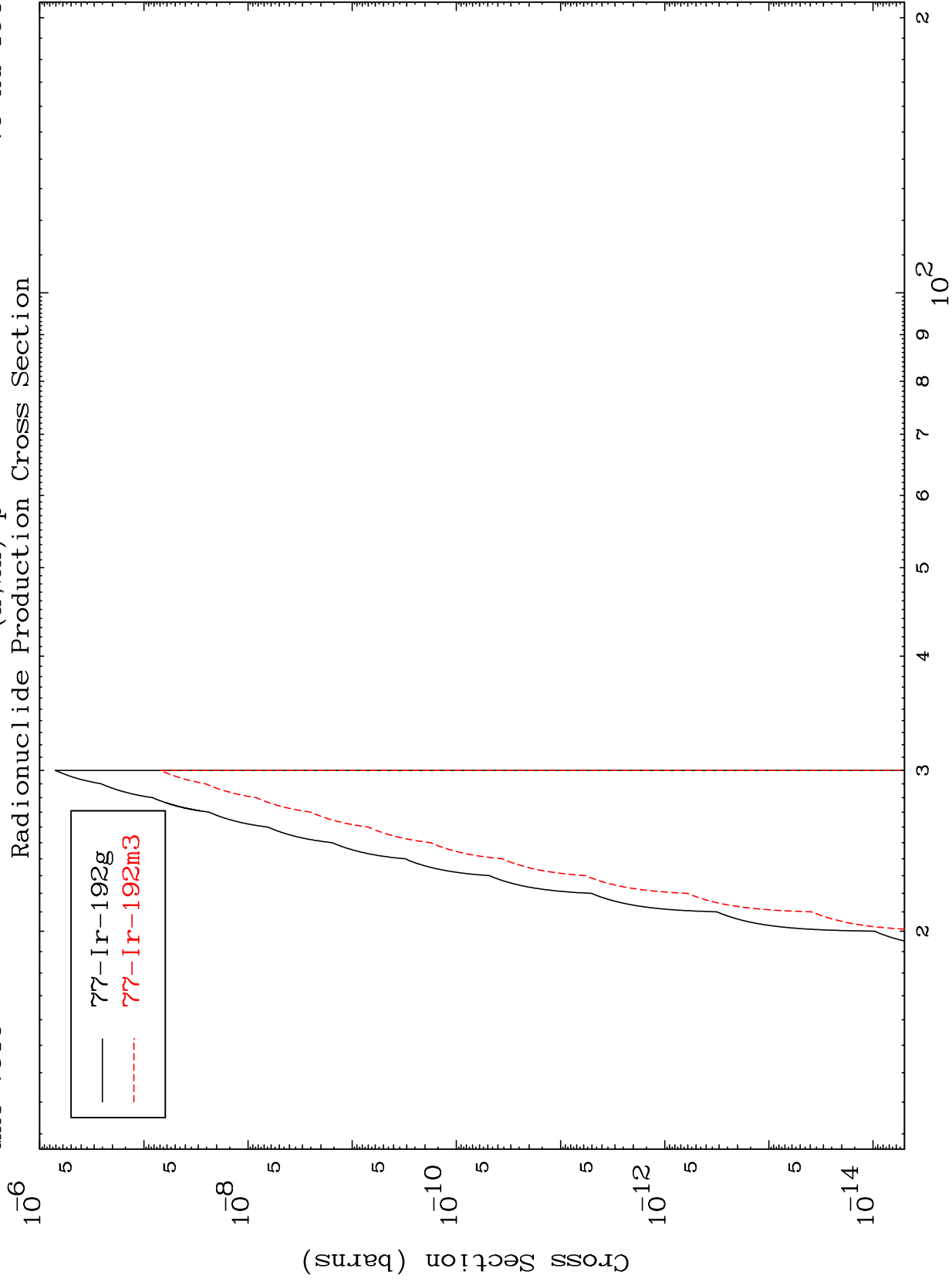


79-Au-191g
79-Au-191m4

MAT 7916

79-Au-194

(n,2n) p
Radionuclide Production Cross Section



79-Au-194

Incident Energy (MeV)

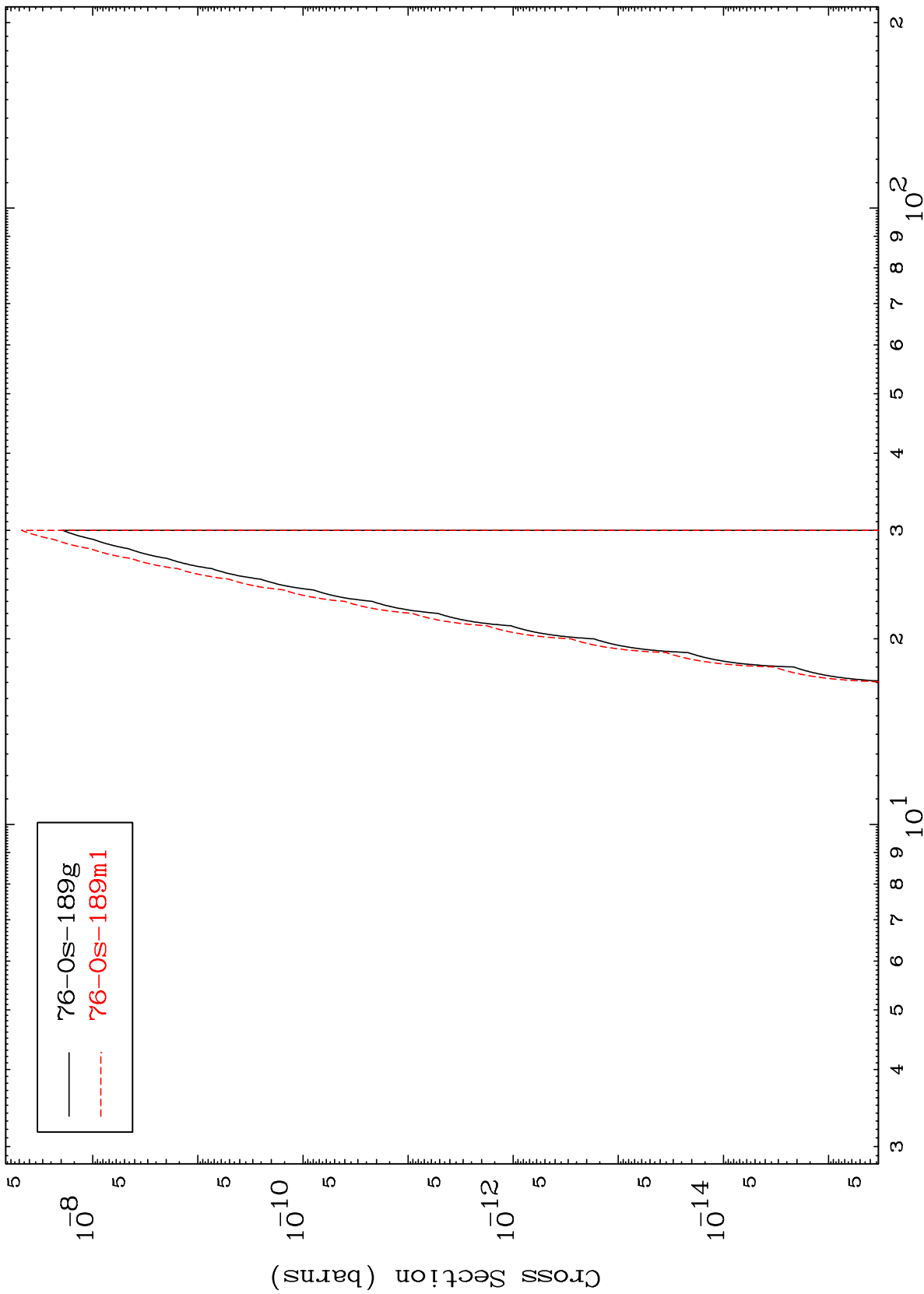
43

MAT 7916

(n,n') p α

79-Au-194

Radionuclide Production Cross Section



76-Os-189g
76-Os-189m1

Incident Energy (MeV)

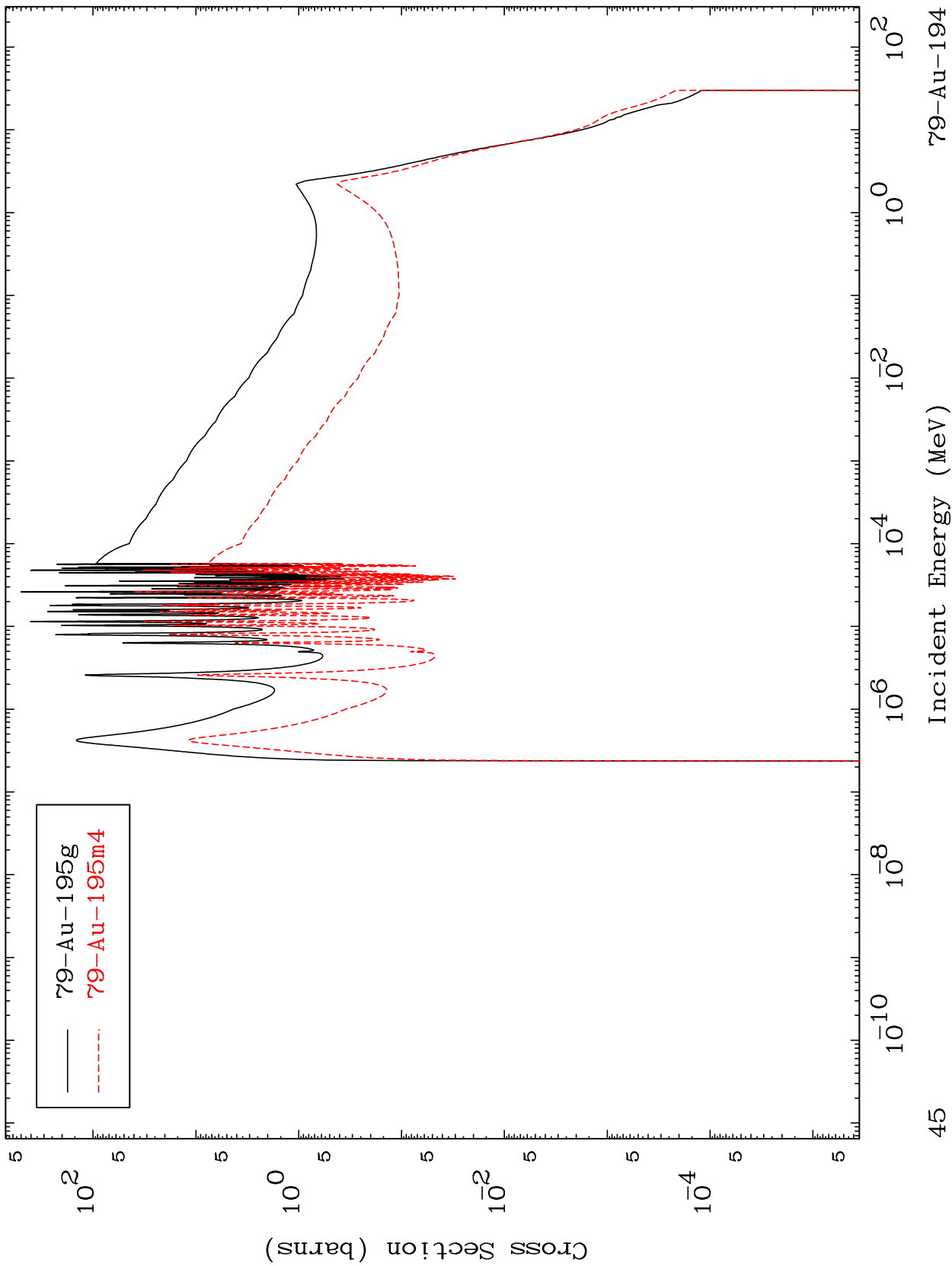
79-Au-194

44

MAT 7916

79-Au-194

(n,γ)
Radionuclide Production Cross Section



45

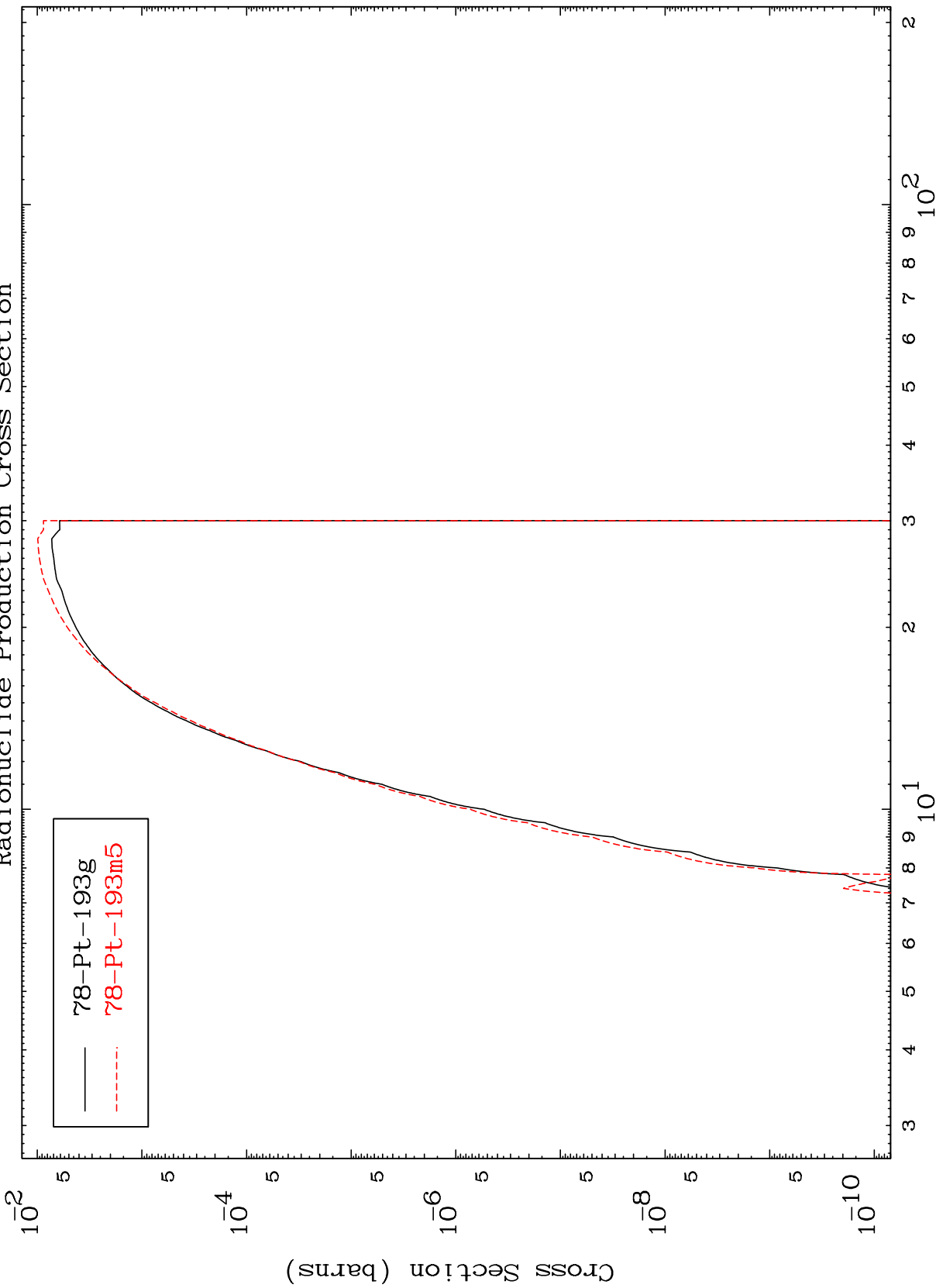
79-Au-194

MAT 7916

(n, d)

⁷⁹Au-194

Radionuclide Production Cross Section



46

Incident Energy (MeV)

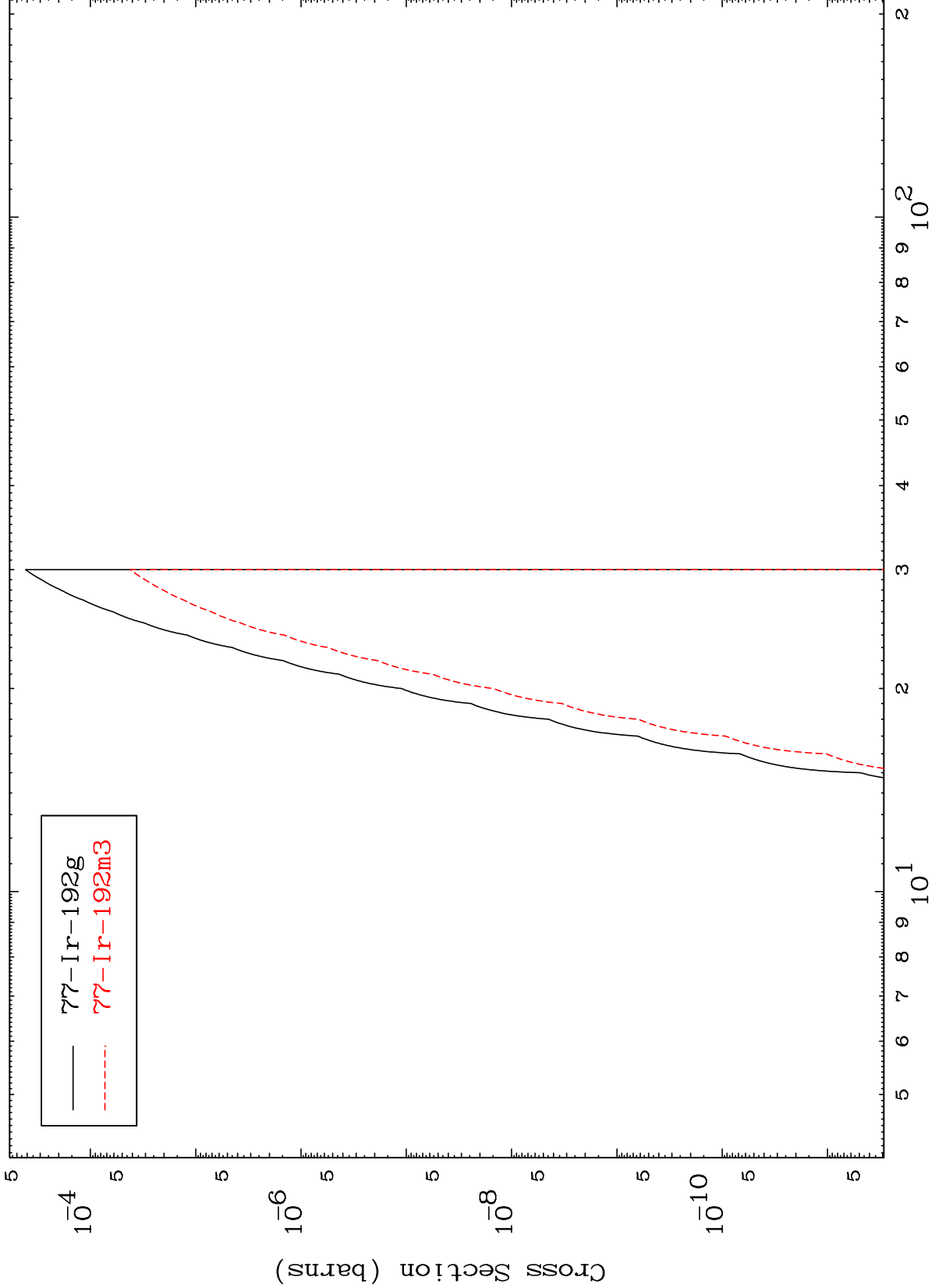
⁷⁹Au-194

MAT 7916

(n,He-3)

79-Au-194

Radionuclide Production Cross Section



— $^{77}\text{Ir-192g}$
- - - $^{77}\text{Ir-192m3}$

47

Incident Energy (MeV)

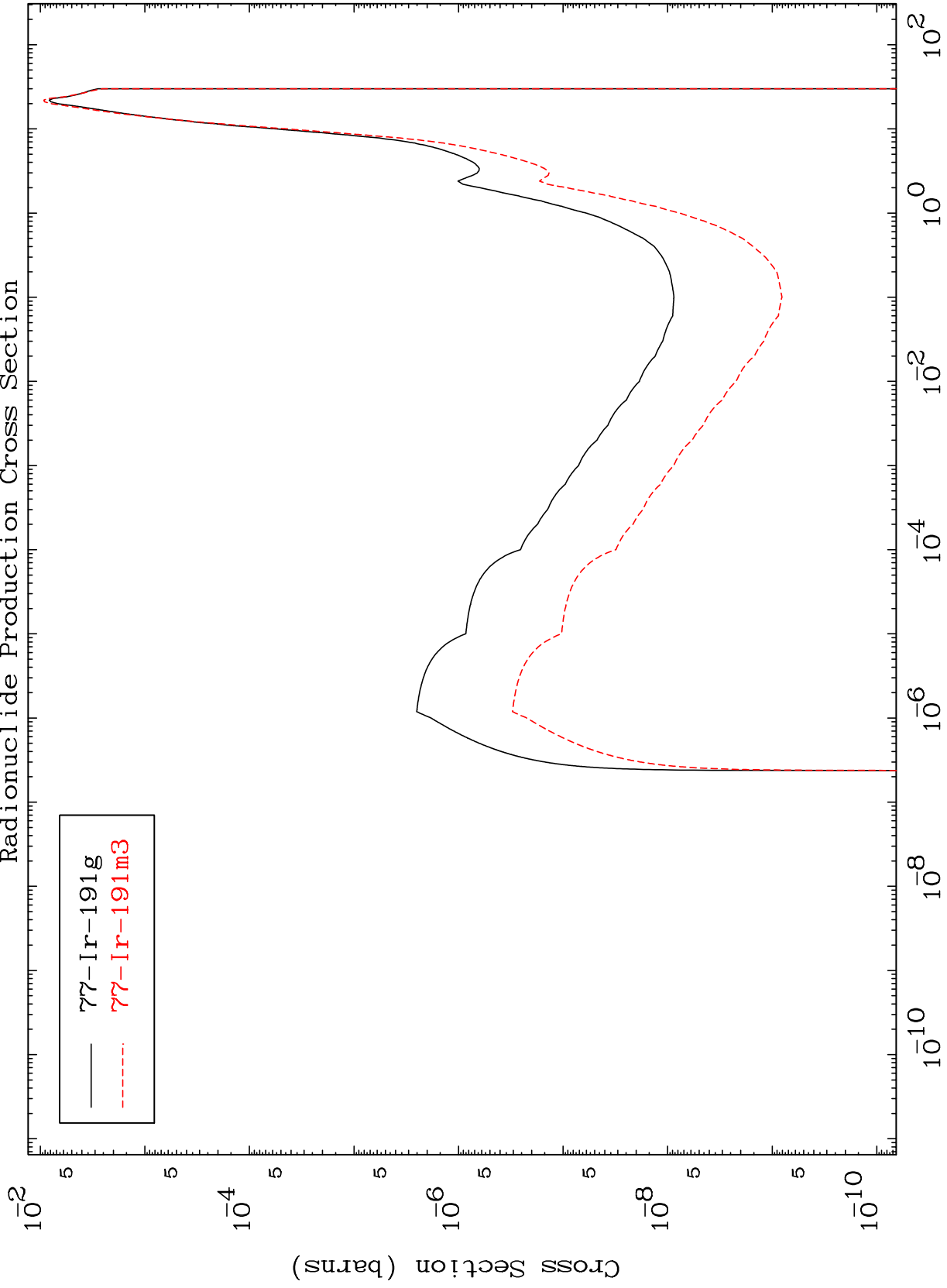
79-Au-194

MAT 7916

(n, α)

⁷⁹Au-194

Radionuclide Production Cross Section



— ⁷⁷Ir-191g
- - - ⁷⁷Ir-191m3

48

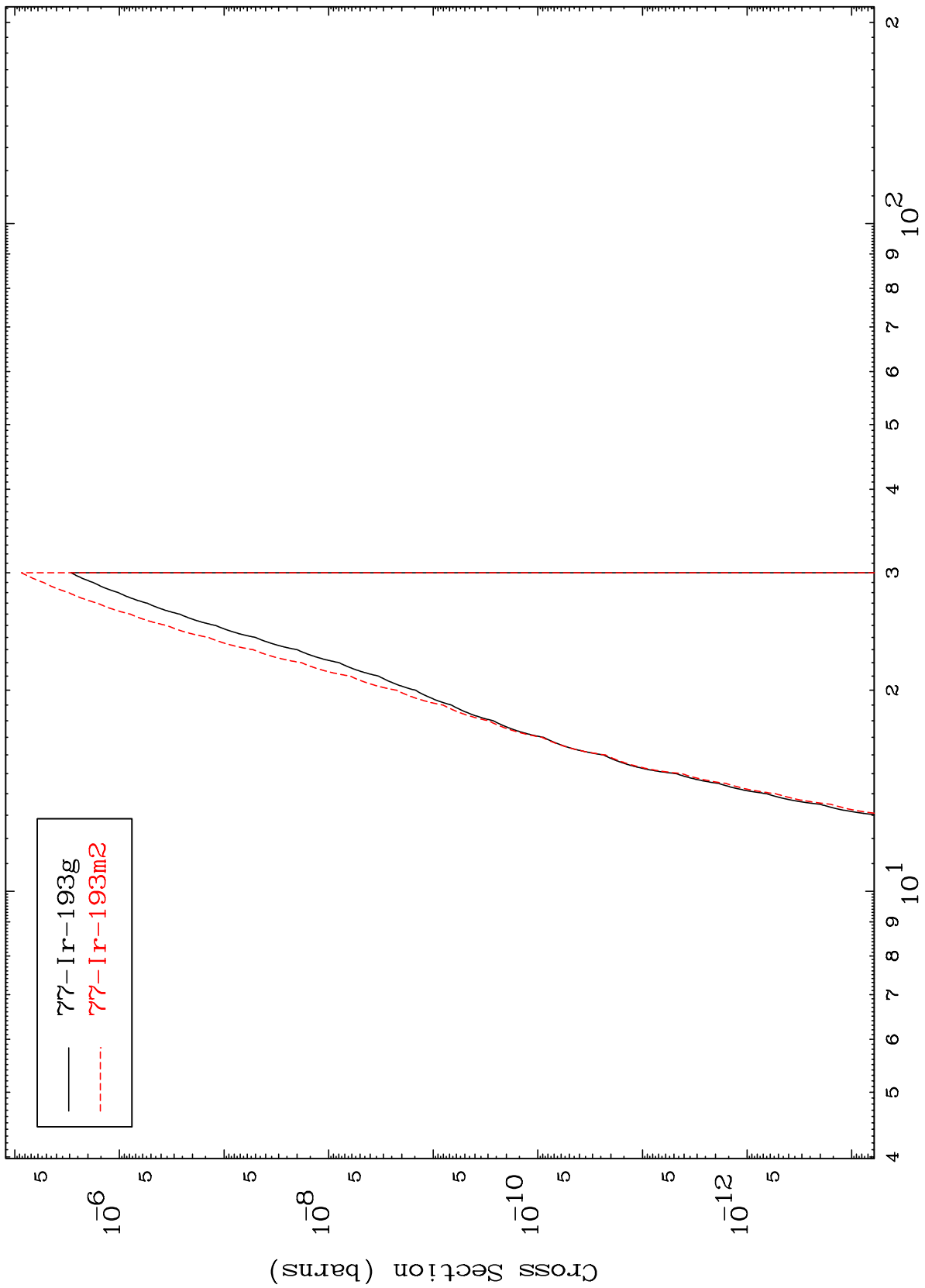
Incident Energy (MeV)

⁷⁹Au-194

MAT 7916

79-Au-194

(n,2p)
Radionuclide Production Cross Section



— 77-Ir-193g
- - - 77-Ir-193m2

49

Incident Energy (MeV)

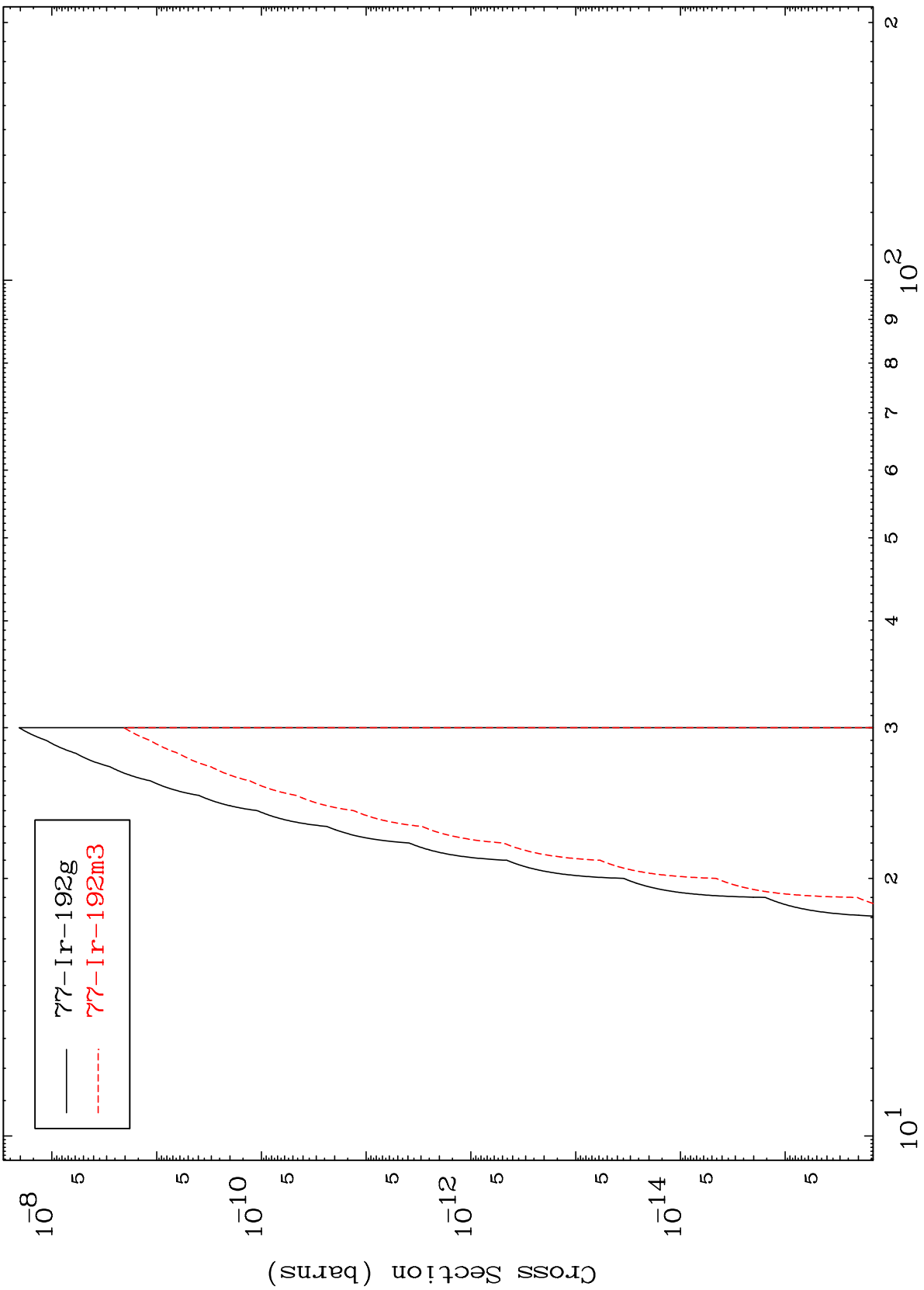
79-Au-194

MAT 7916

(n,p) d

79-Au-194

Radionuclide Production Cross Section



77-Ir-192g
77-Ir-192m3

Incident Energy (MeV)

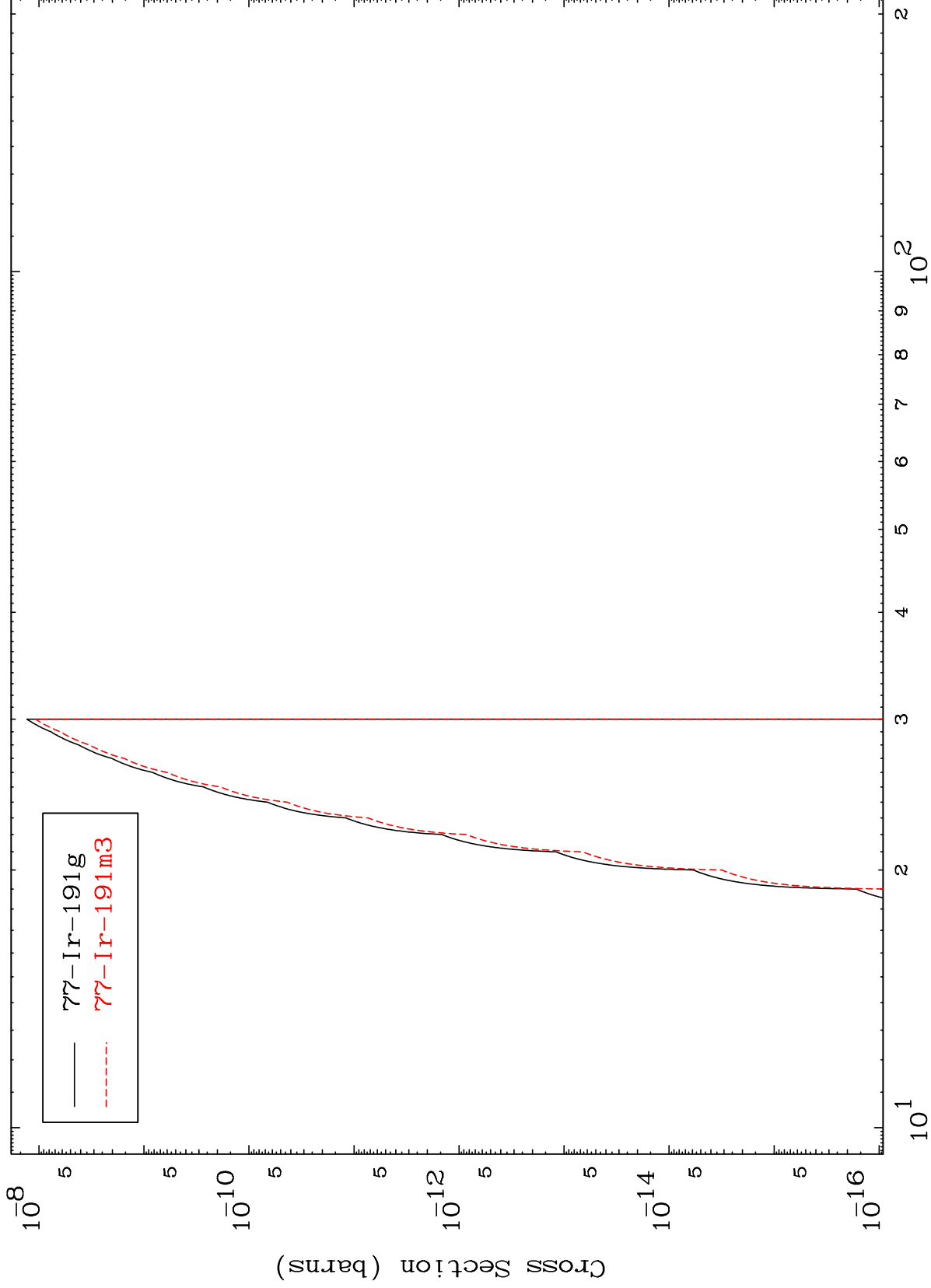
79-Au-194

MAT 7916

(n,p) t

79-Au-194

Radionuclide Production Cross Section



77-Ir-191g
77-Ir-191m3

Incident Energy (MeV)

79-Au-194

51

MAT 7916

(n,d) α

79-Au-194

Radionuclide Production Cross Section

