

Program EVALPLOT
(Version 2017-1)

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

Web:redcullen1.net/HOMEPAGE.NEW

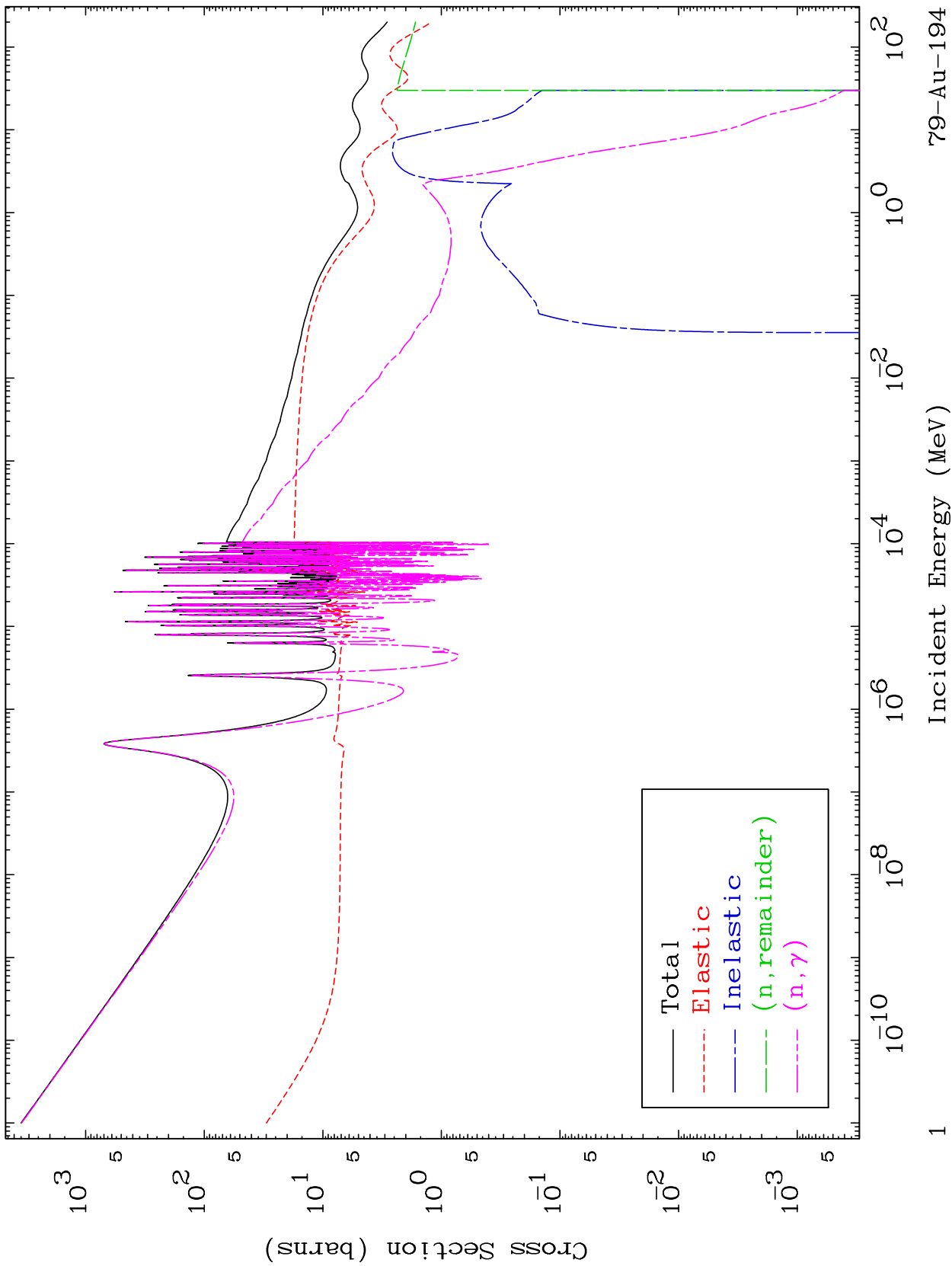
Press Mouse Button to Start

MAT 7916

Major

293 Kelvin Cross Sections

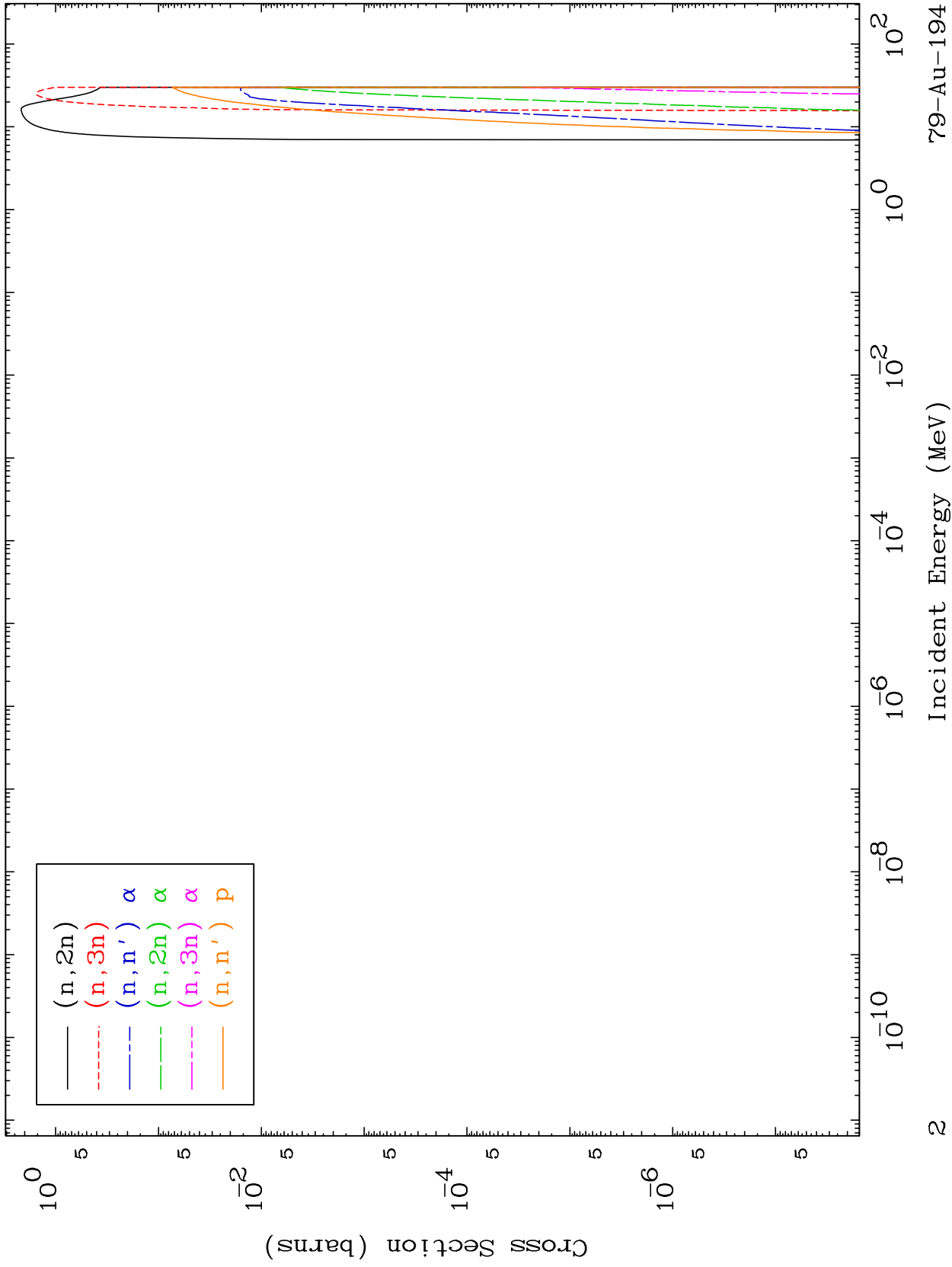
79-Au-194



MAT 7916

Neutron Production
293 Kelvin Cross Sections

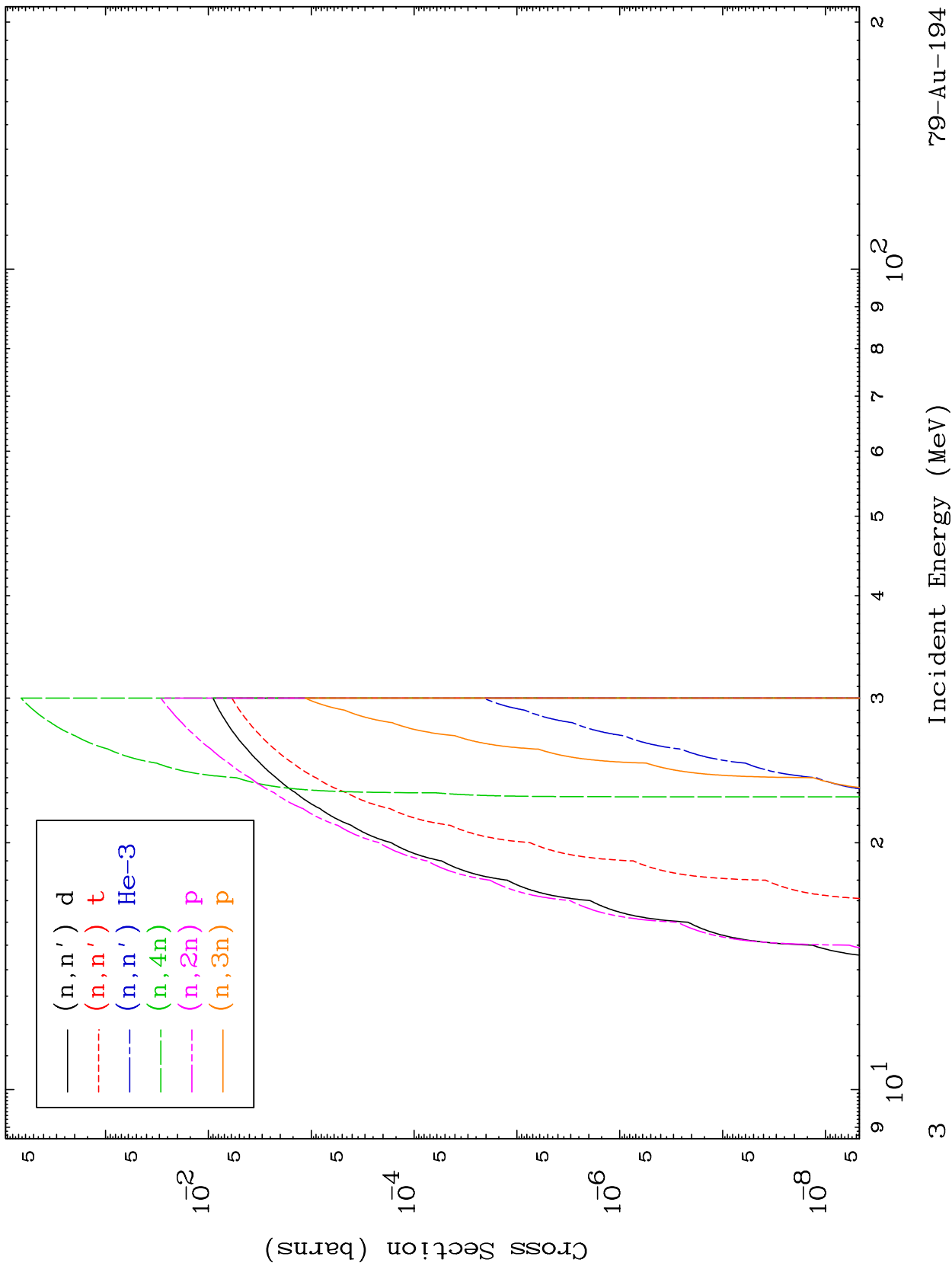
79-Au-194



MAT 7916

Neutron Production
293 Kelvin Cross Sections

79-Au-194



79-Au-194

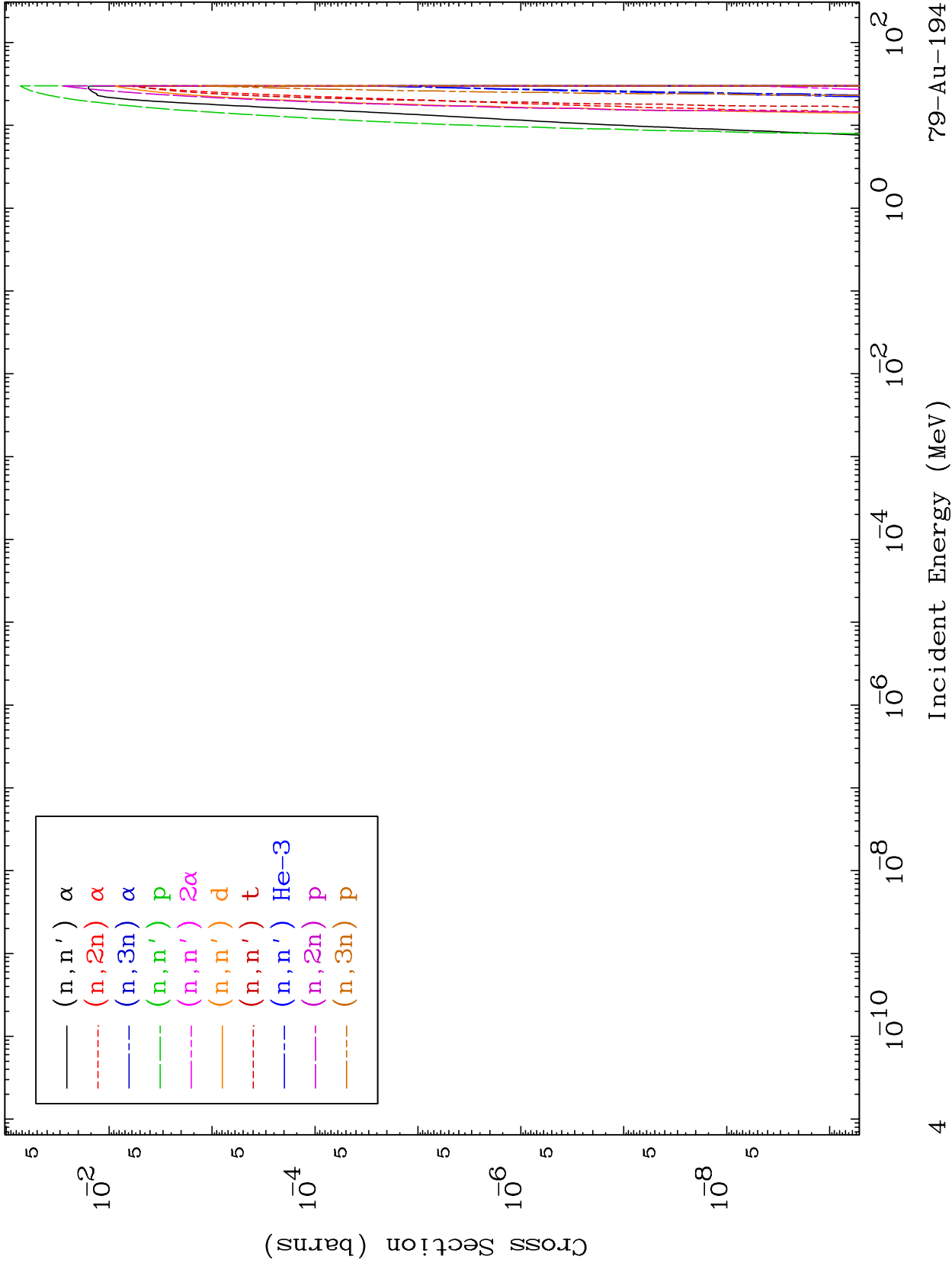
Incident Energy (MeV)

3

MAT 7916

Charged Particle
293 Kelvin Cross Sections

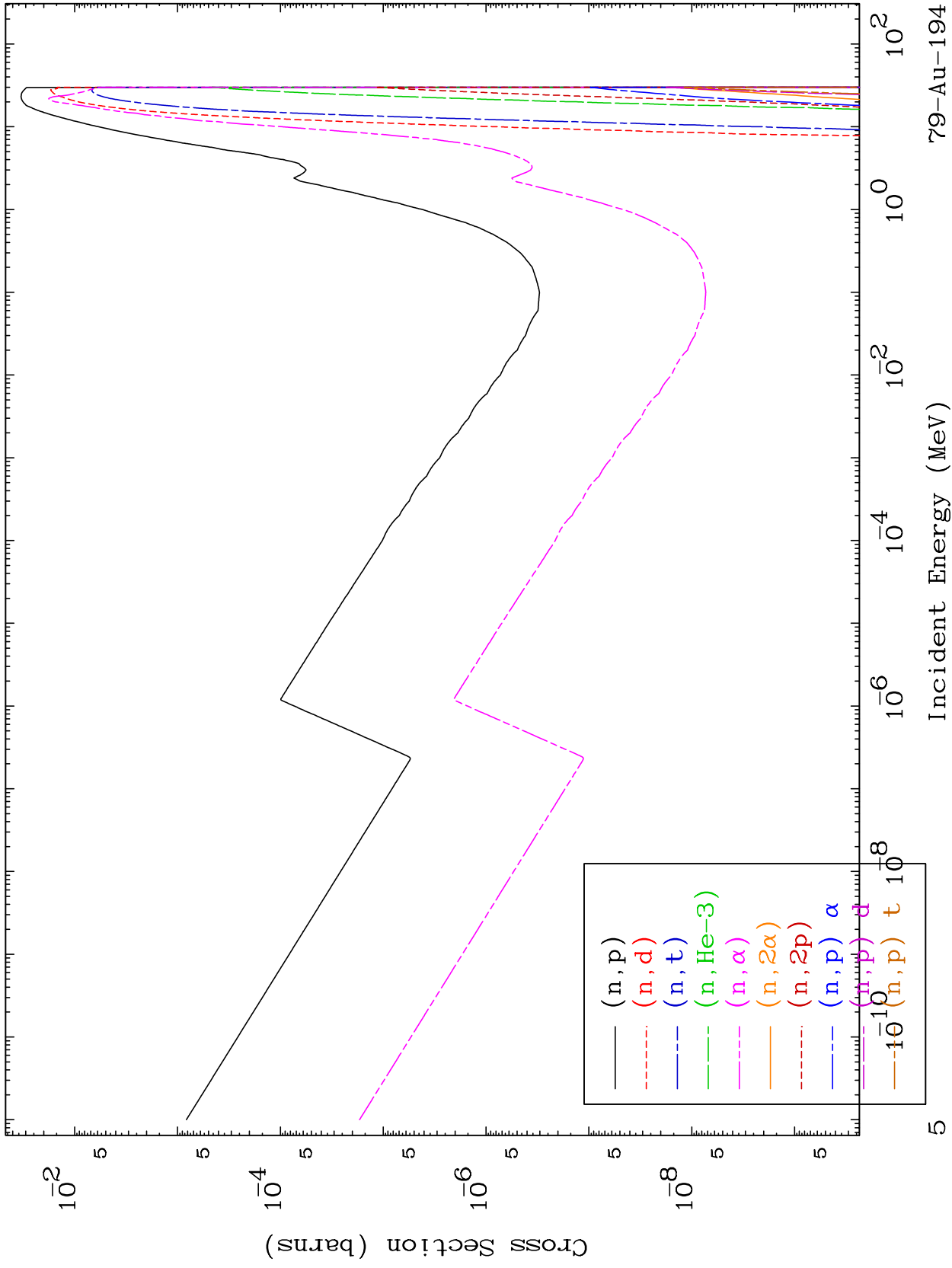
79-Au-194



MAT 7916

Charged Particle
293 Kelvin Cross Sections

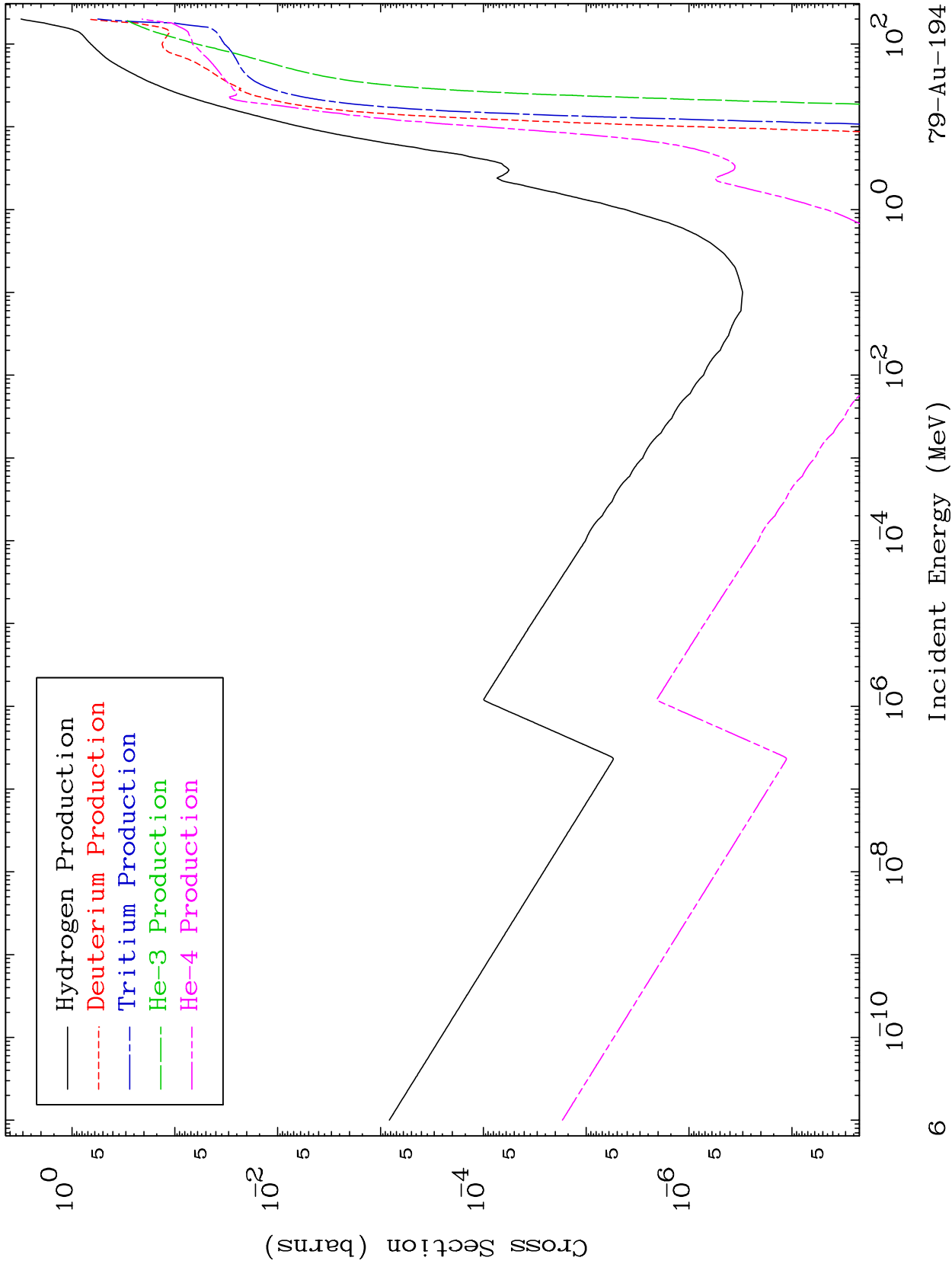
79-Au-194



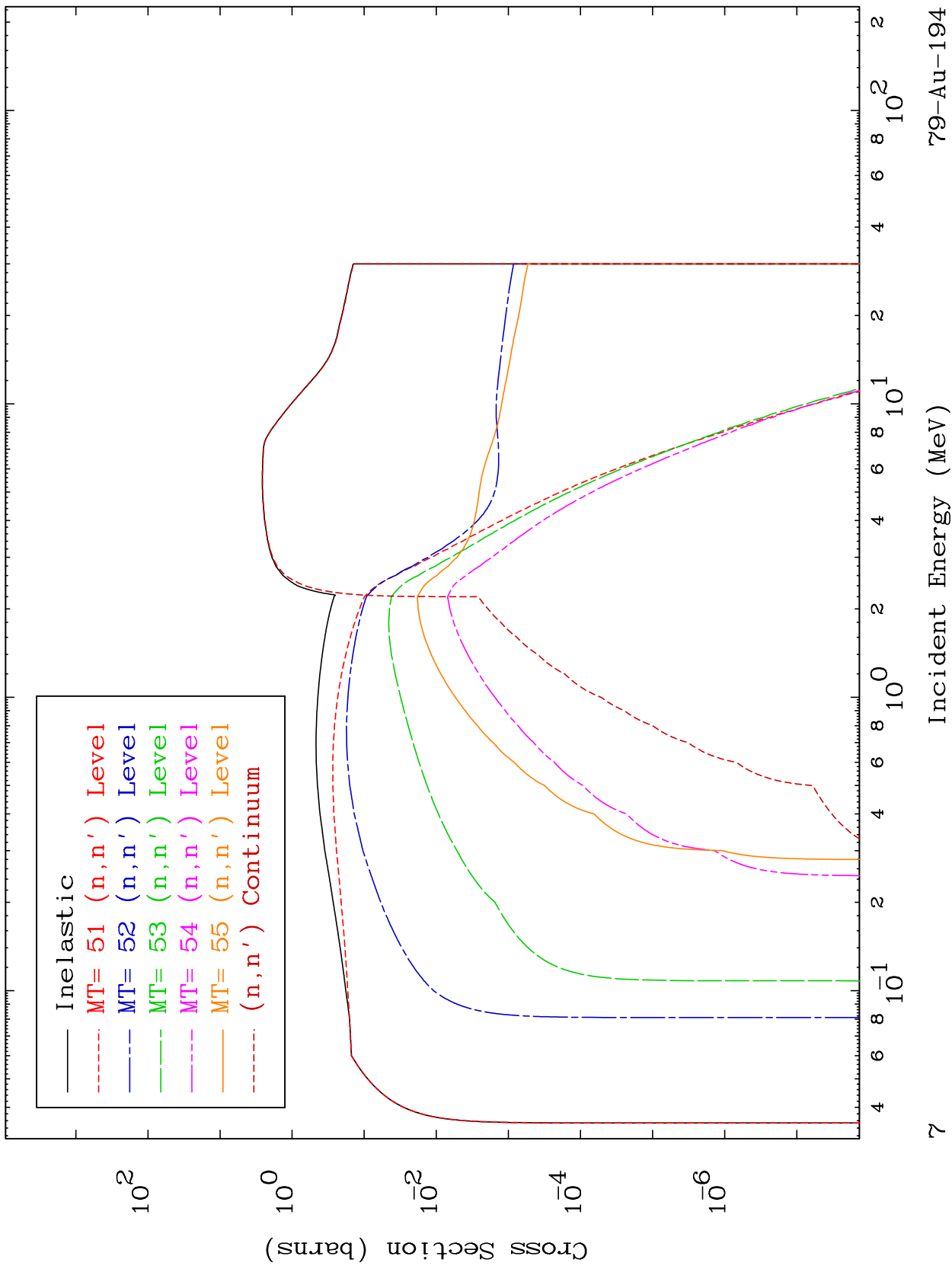
79-Au-194

Incident Energy (MeV)

5



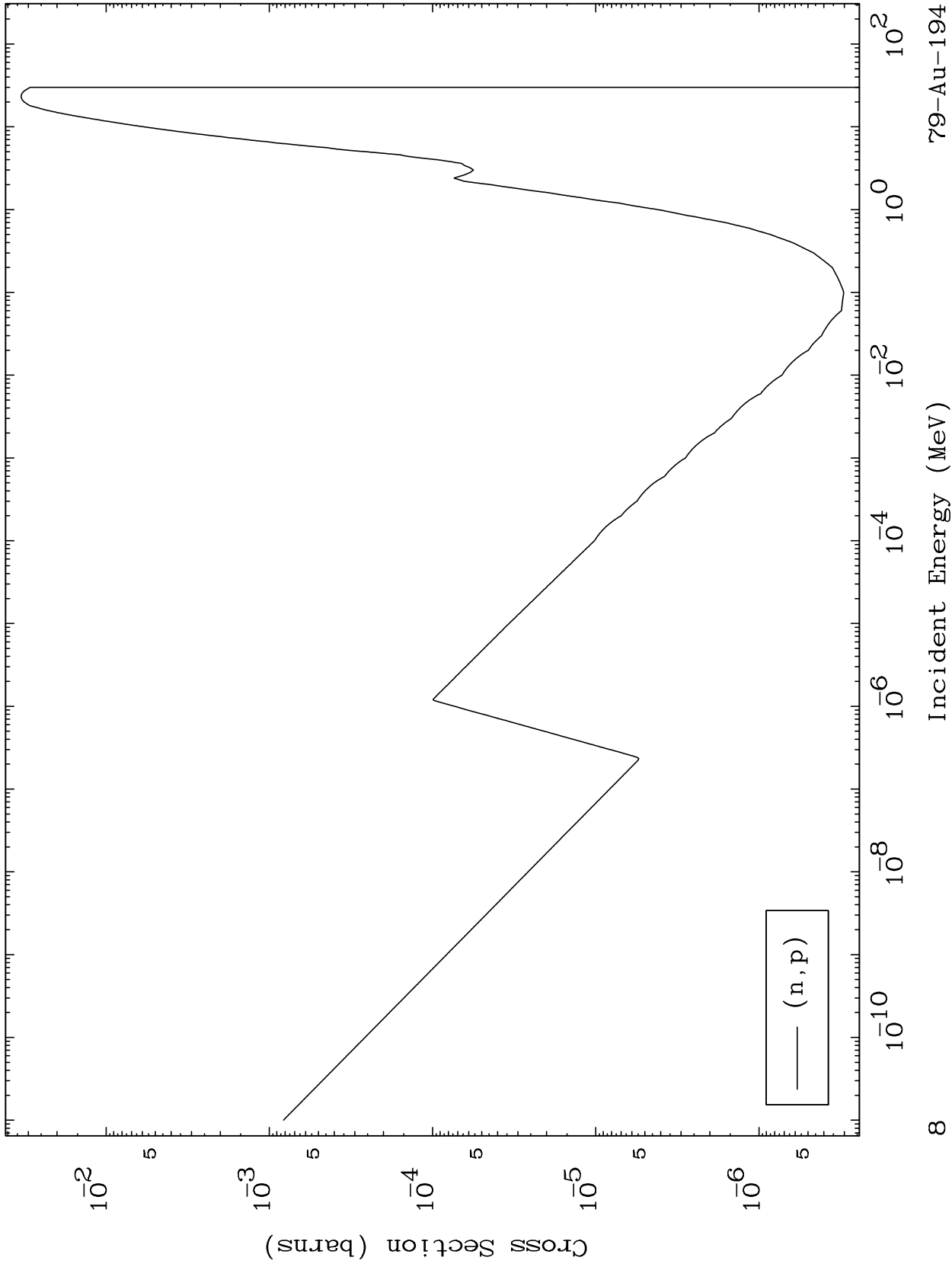
293 Kelvin Cross Sections



MAT 7916

(n,p) Levels
293 Kelvin Cross Sections

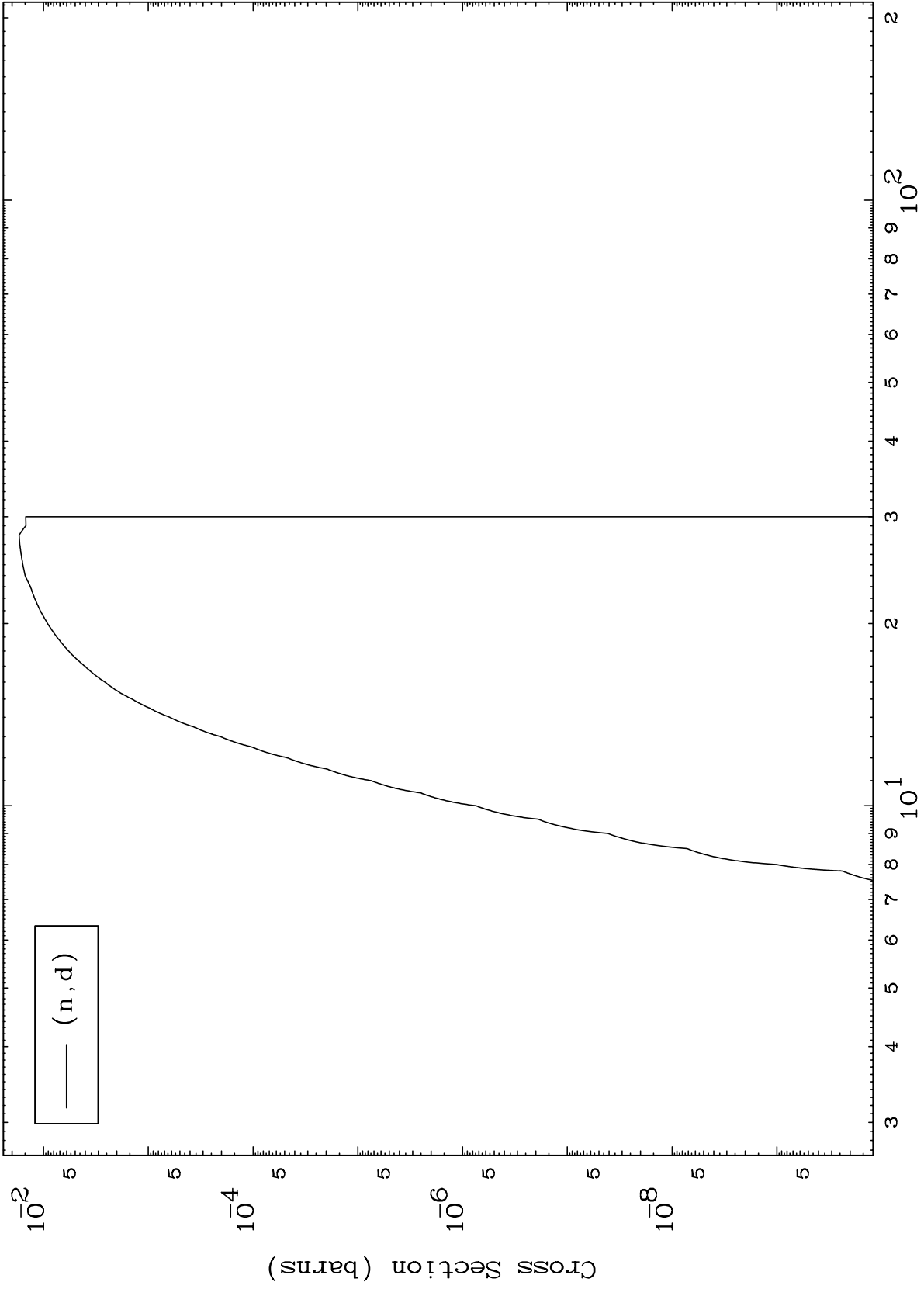
79-Au-194



MAT 7916

(n,d) Levels
293 Kelvin Cross Sections

79-Au-194

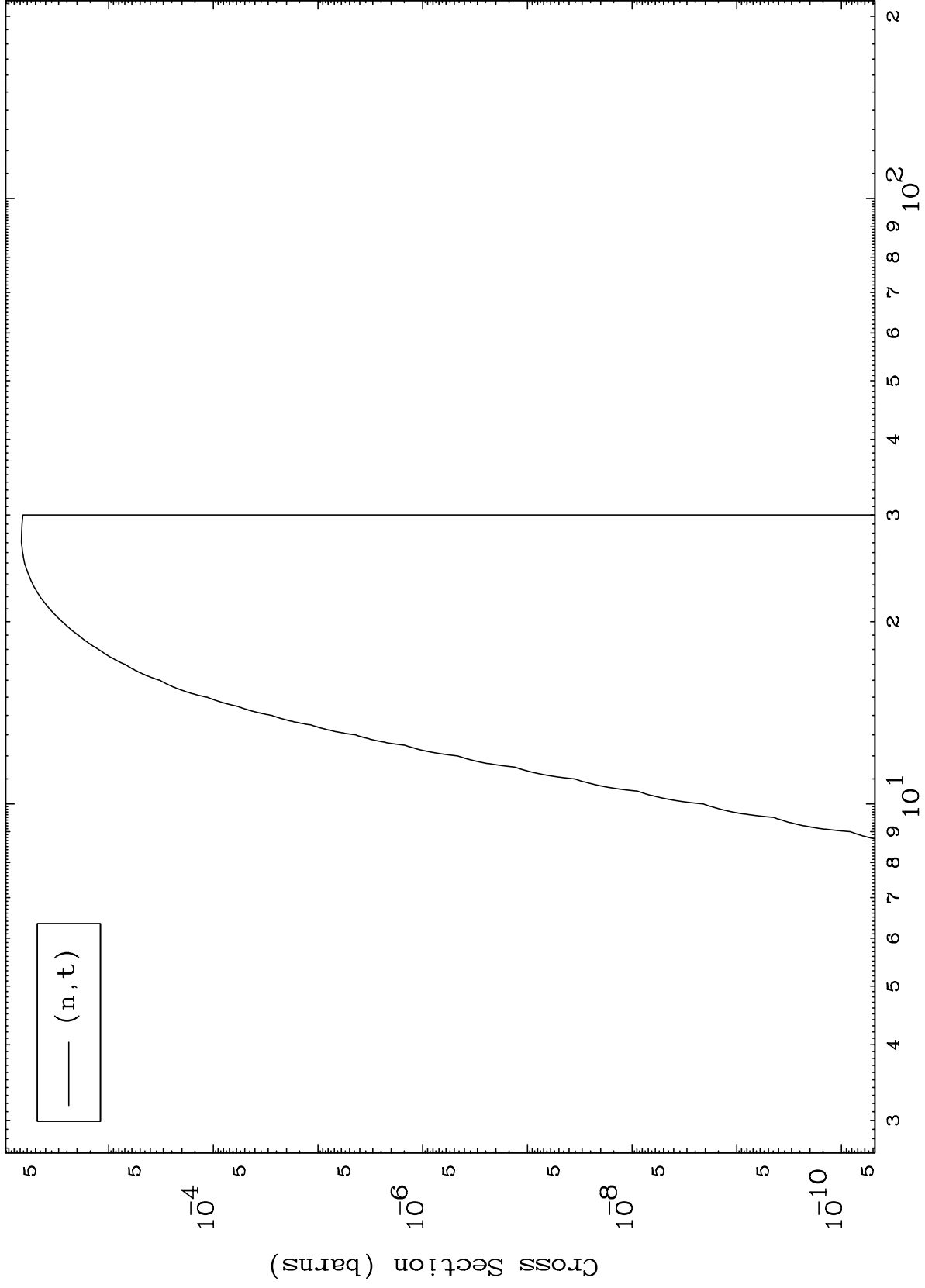


(n,d)

MAT 7916

(n,t) Levels
293 Kelvin Cross Sections

79-Au-194



(n,t)

79-Au-194

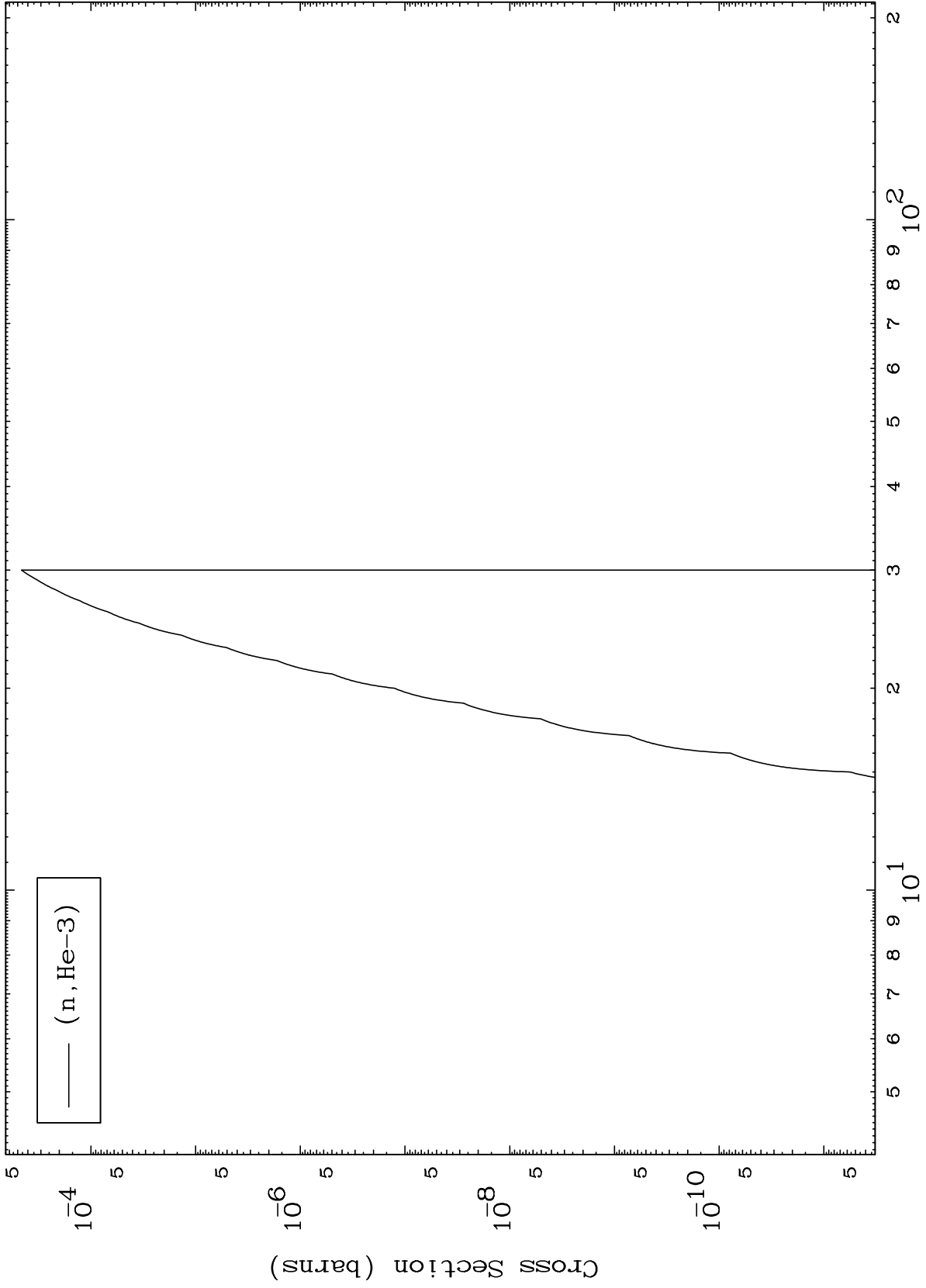
Incident Energy (MeV)

10

MAT 7916

(n,He3) Levels
293 Kelvin Cross Sections

79-Au-194



11

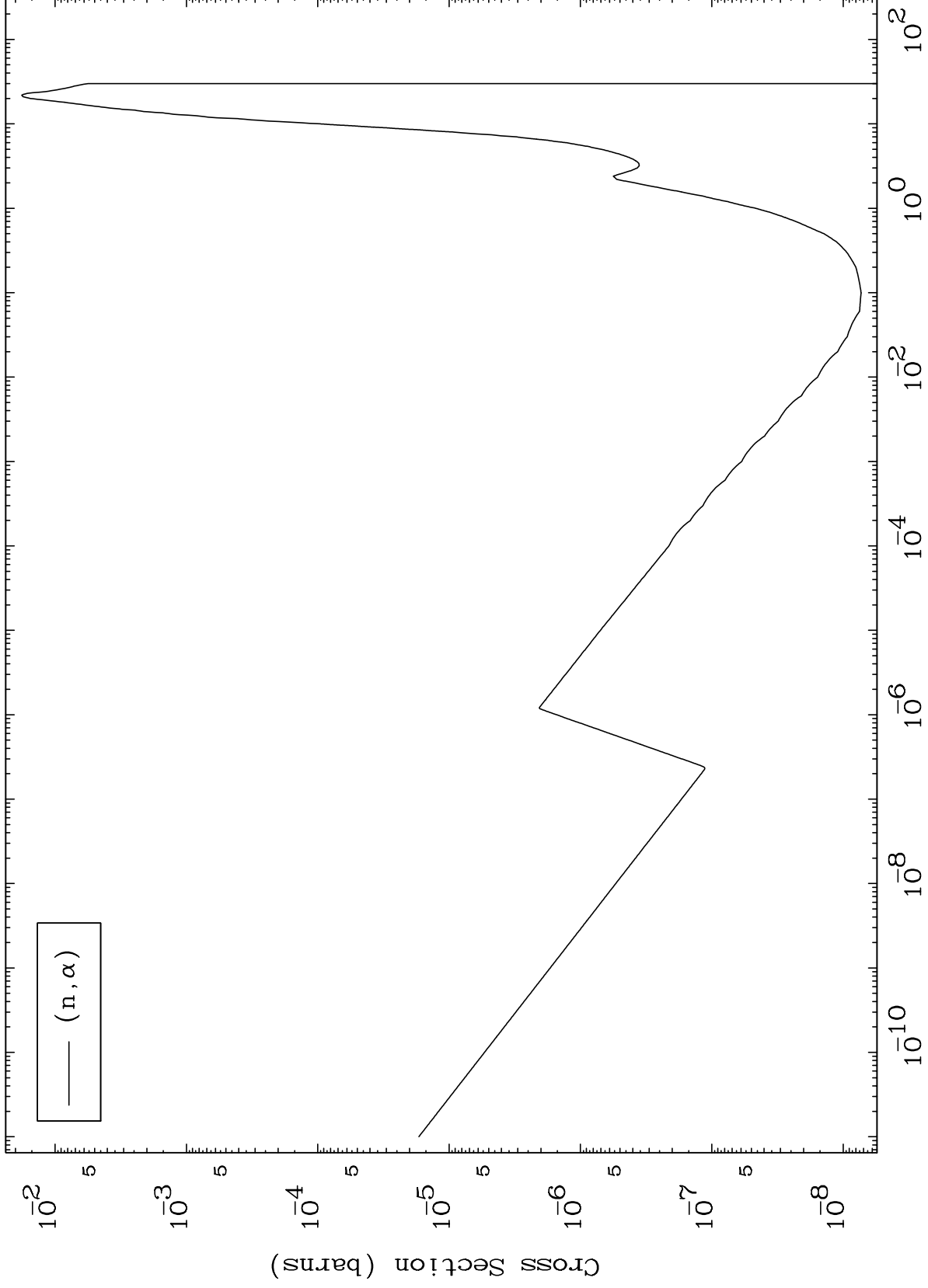
Incident Energy (MeV)

79-Au-194

MAT 7916

(n, α) Levels
293 Kelvin Cross Sections

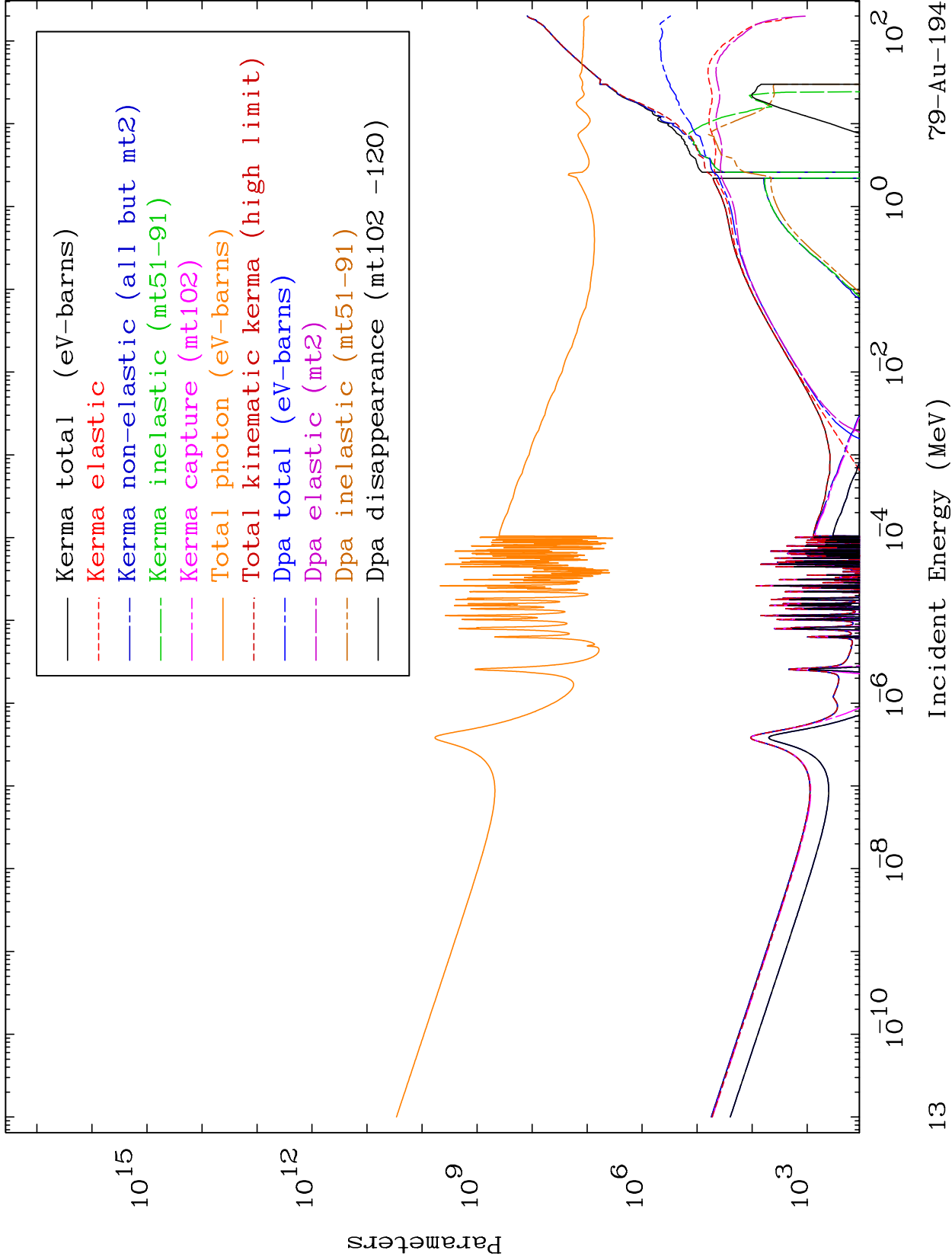
79-Au-194

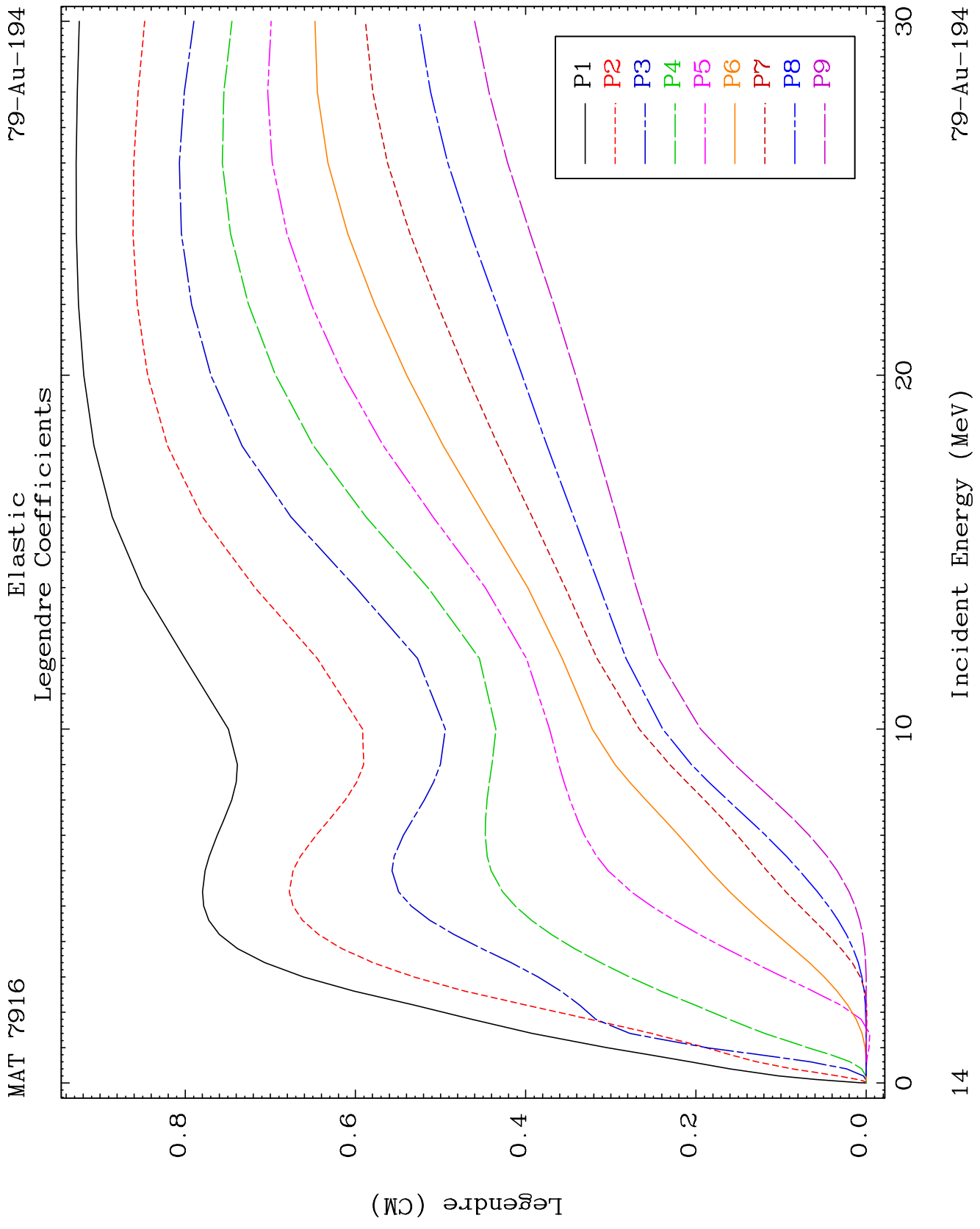


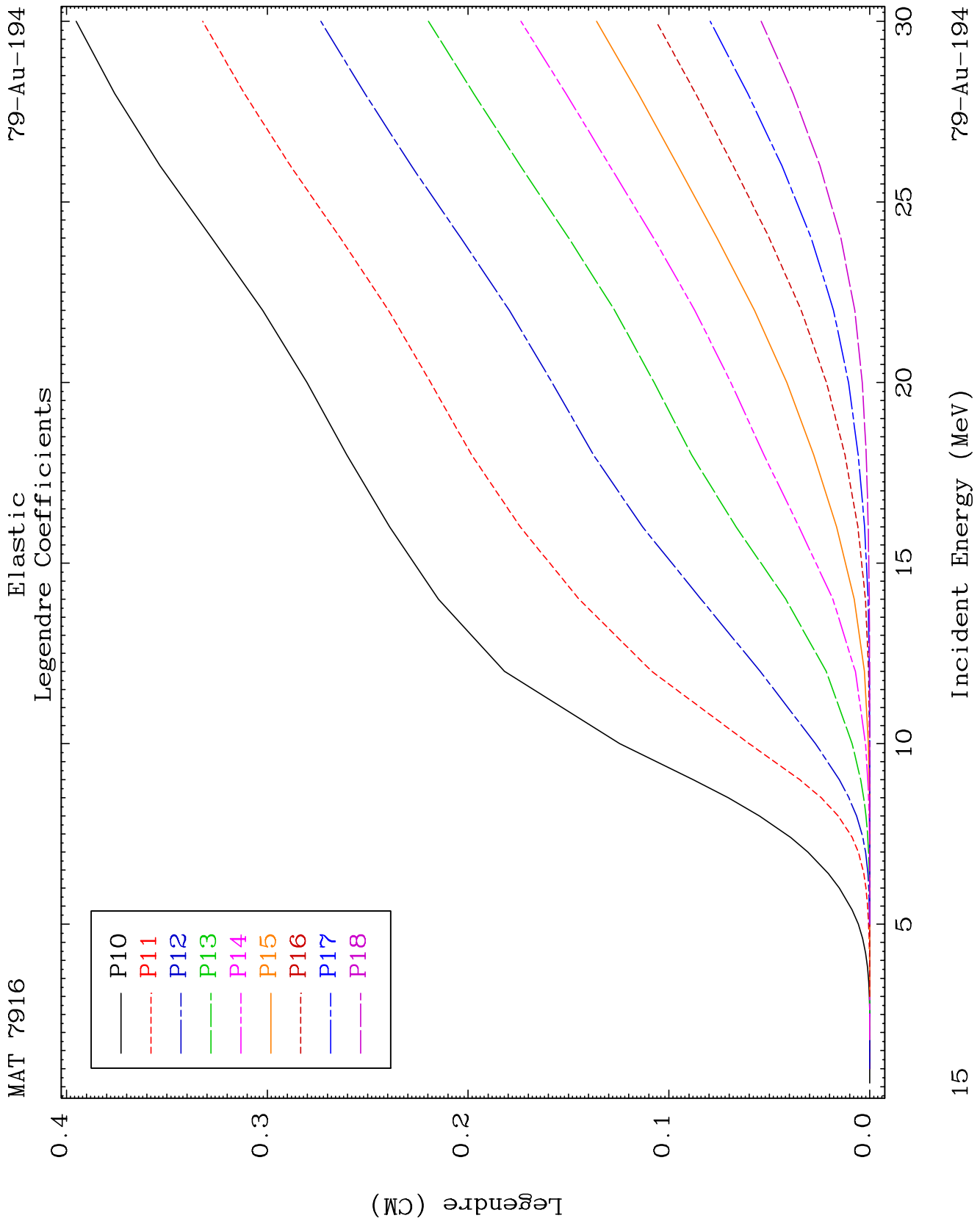
12

Incident Energy (MeV)

79-Au-194



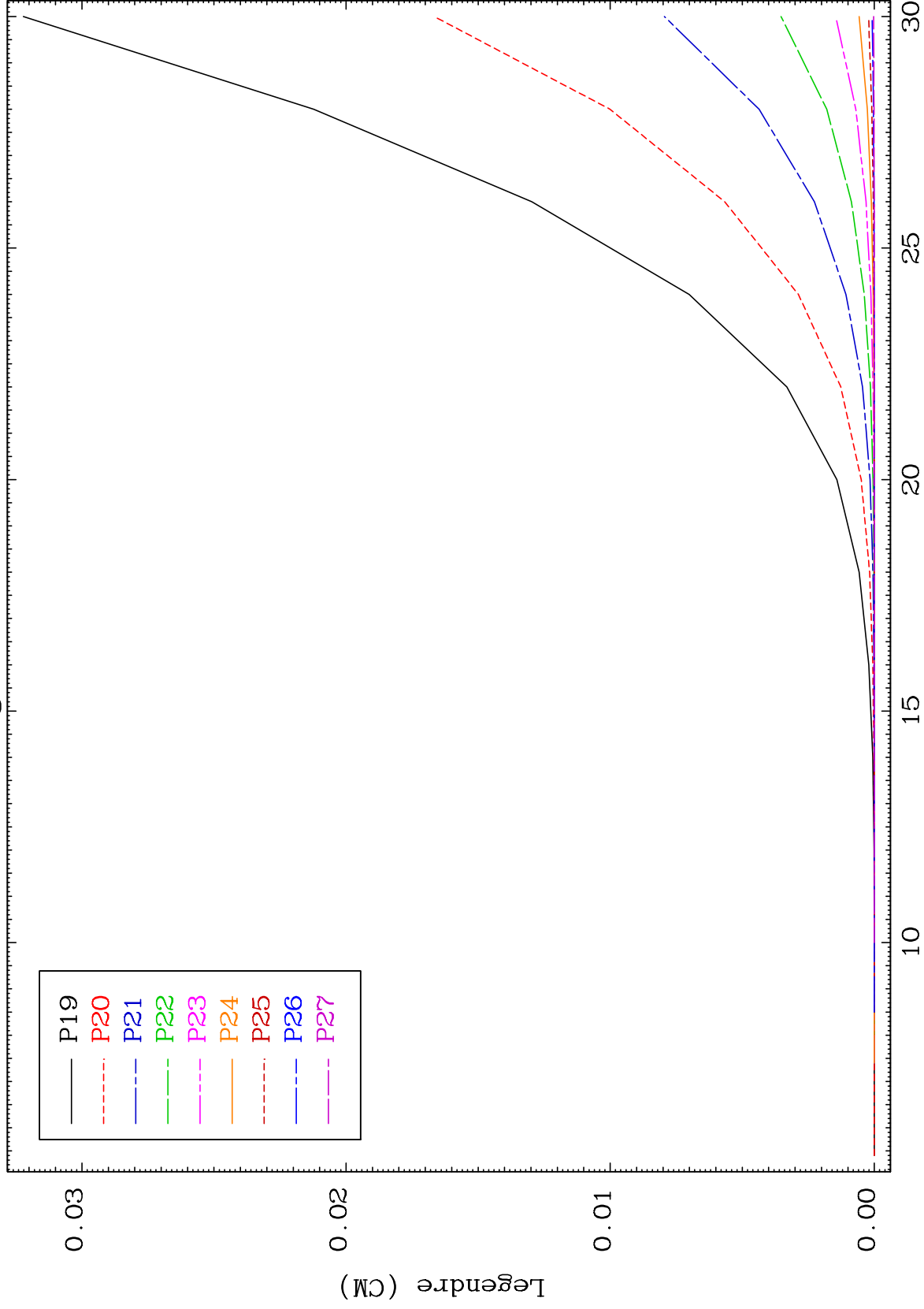




MAT 7916

Elastic
Legendre Coefficients

79-Au-194



16

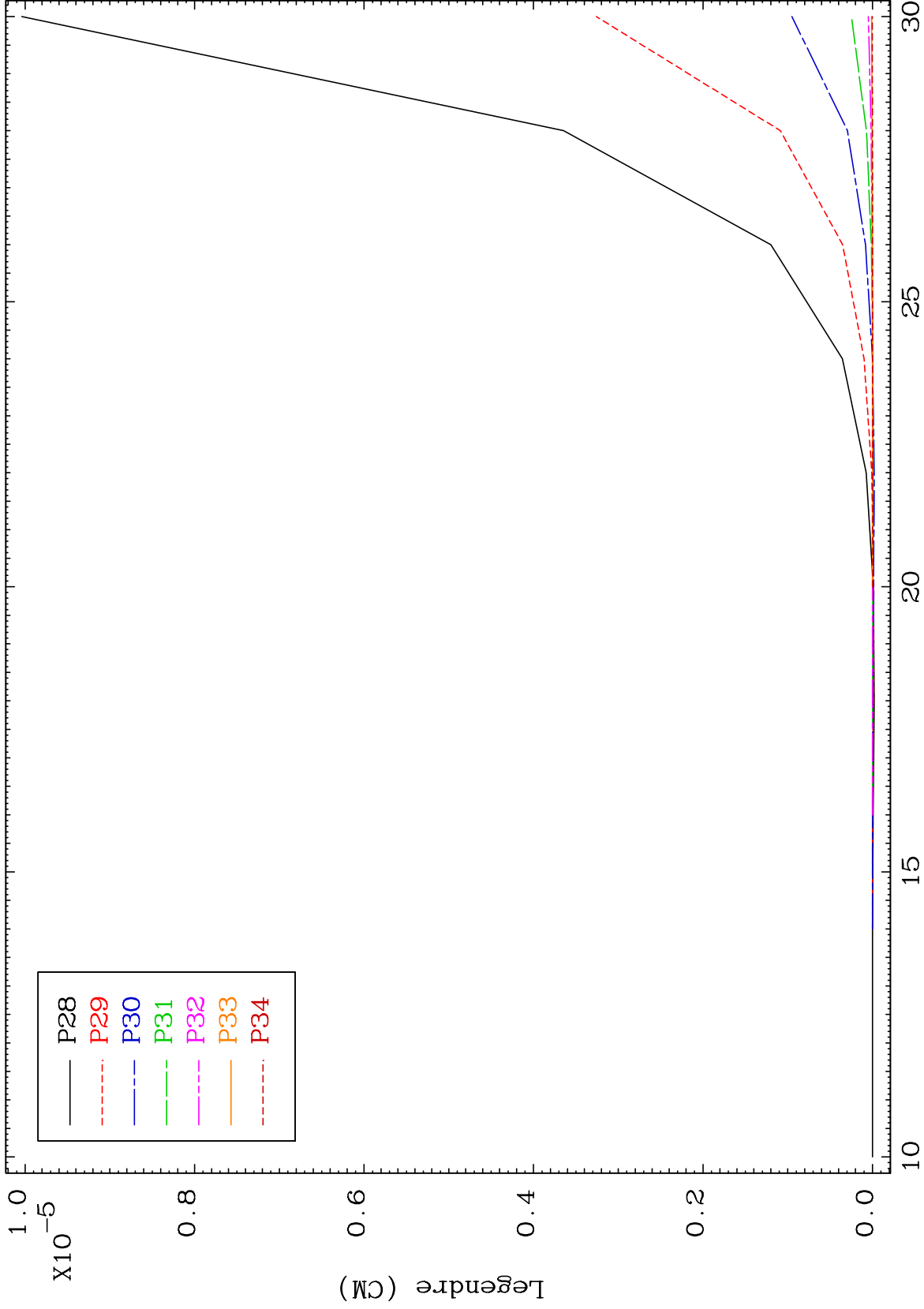
Incident Energy (MeV)

79-Au-194

MAT 7916

Elastic
Legendre Coefficients

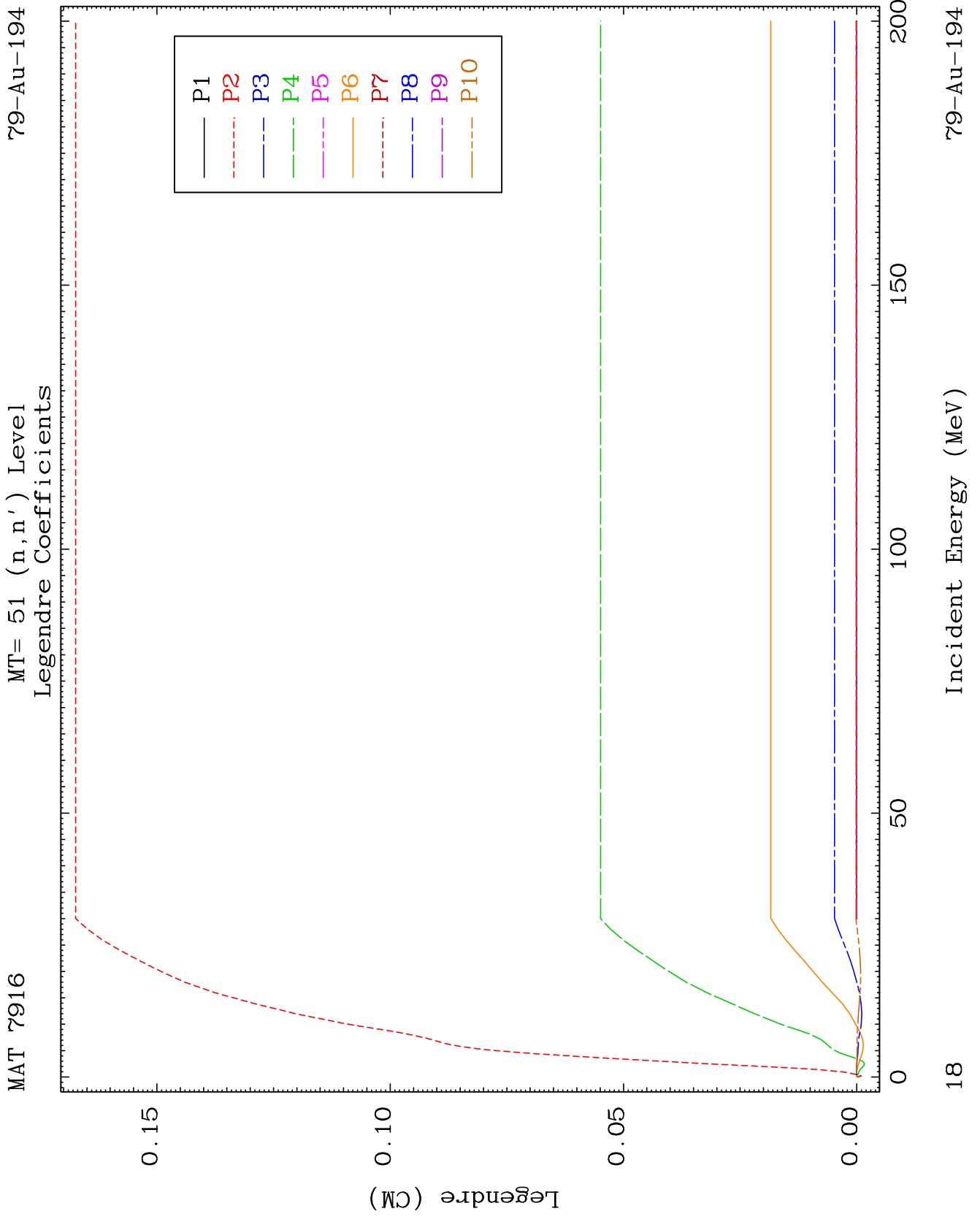
79-Au-194



17

Incident Energy (MeV)

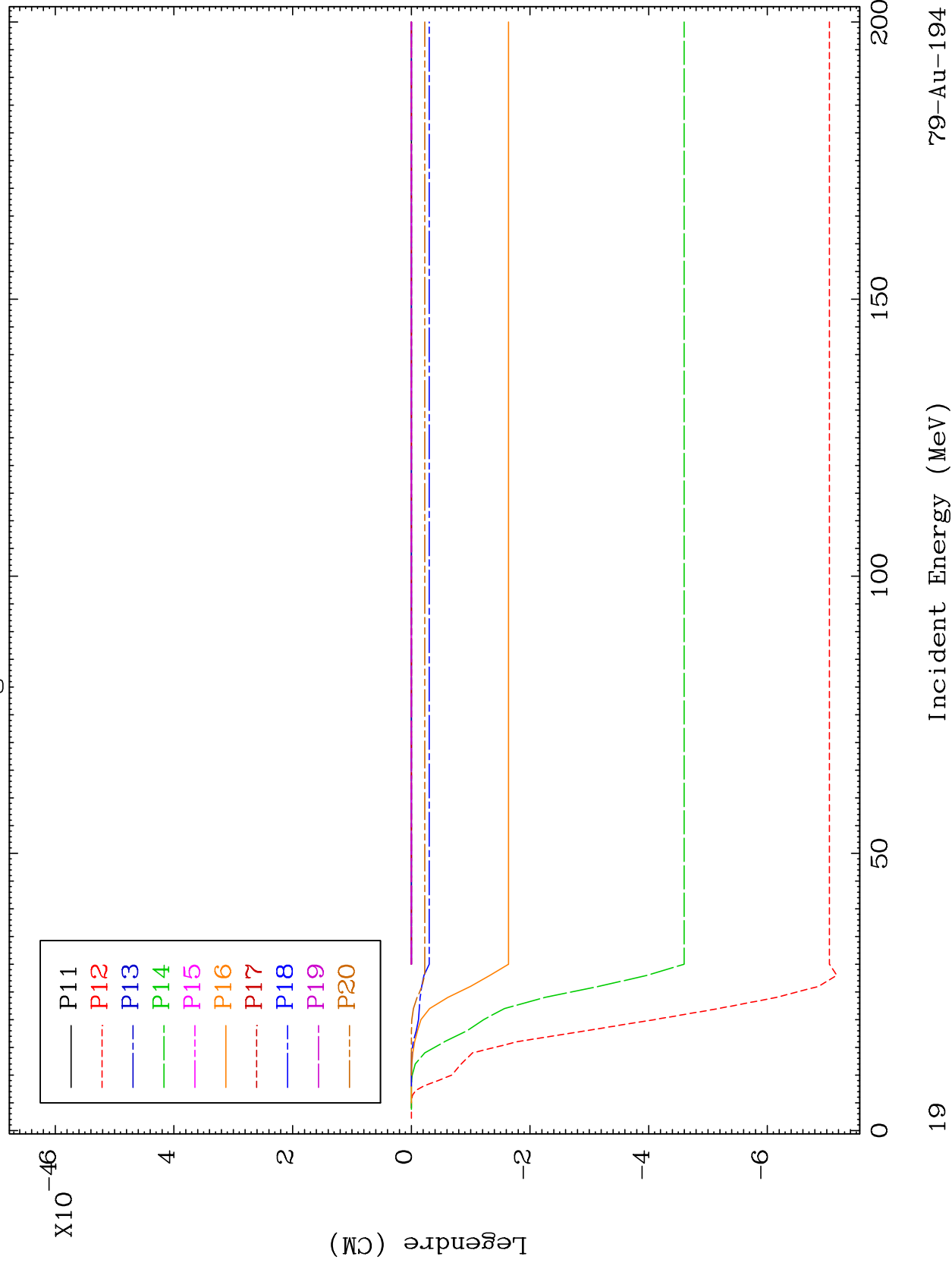
79-Au-194



MAT 7916

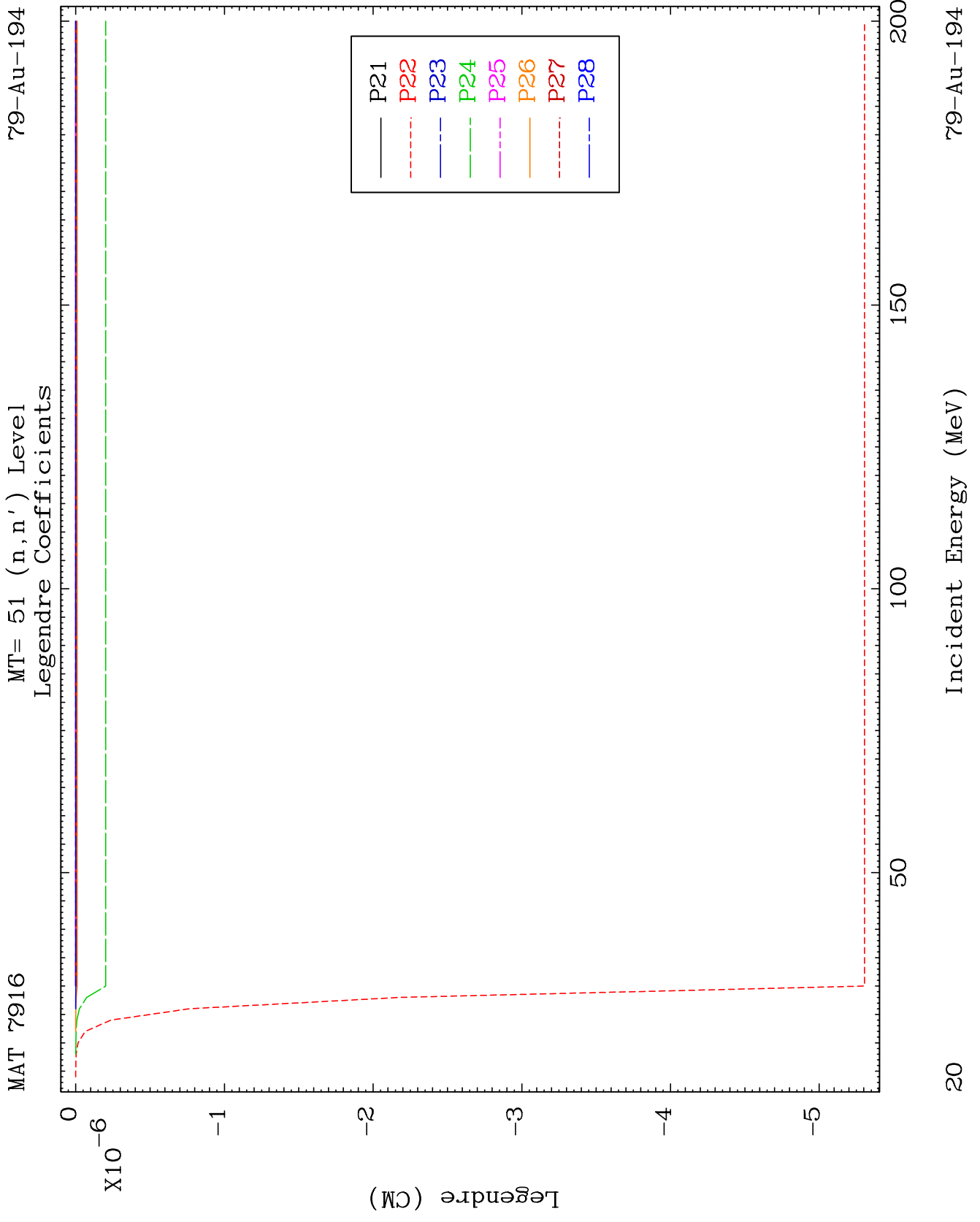
MT= 51 (n,n') Level
Legendre Coefficients

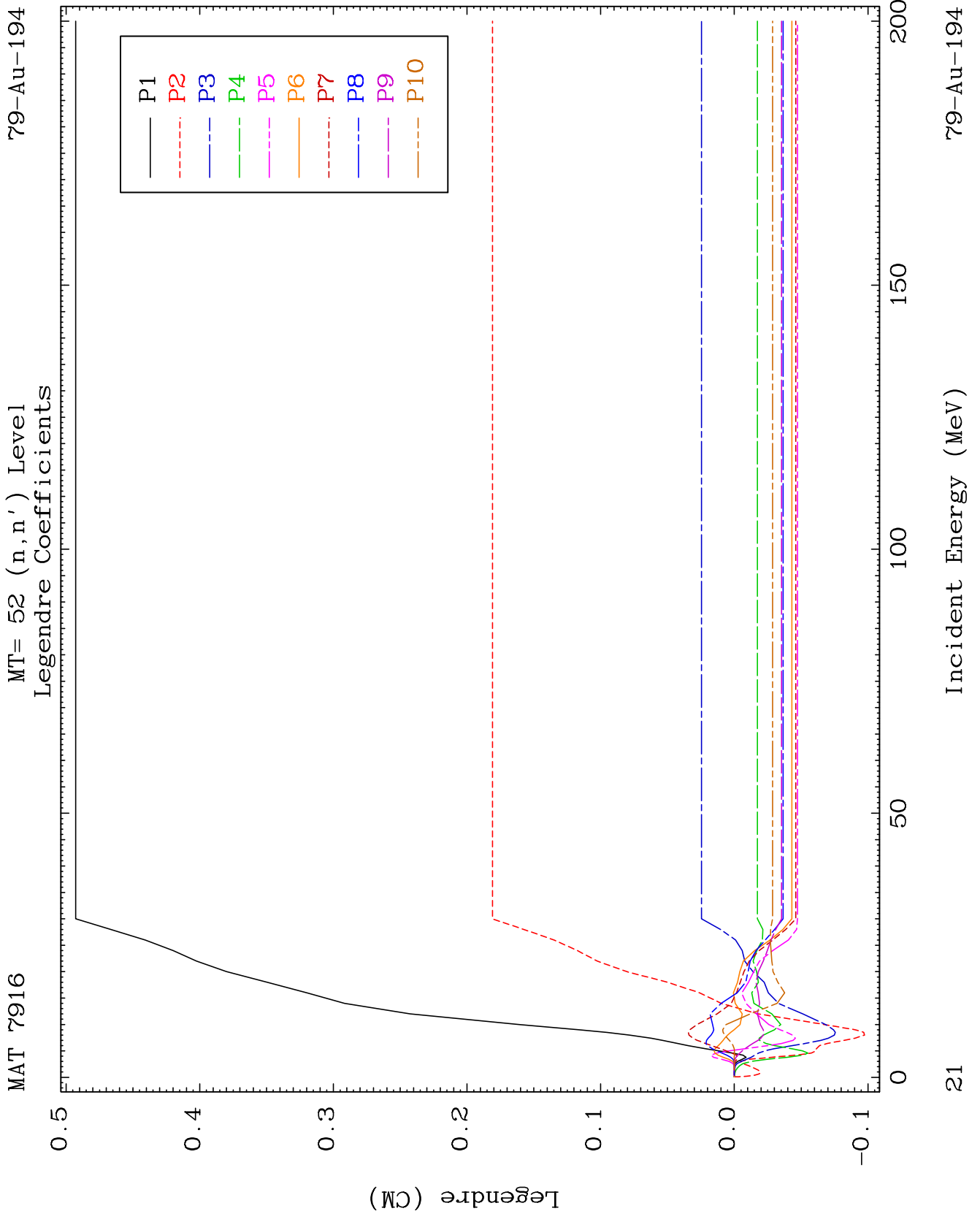
79-Au-194

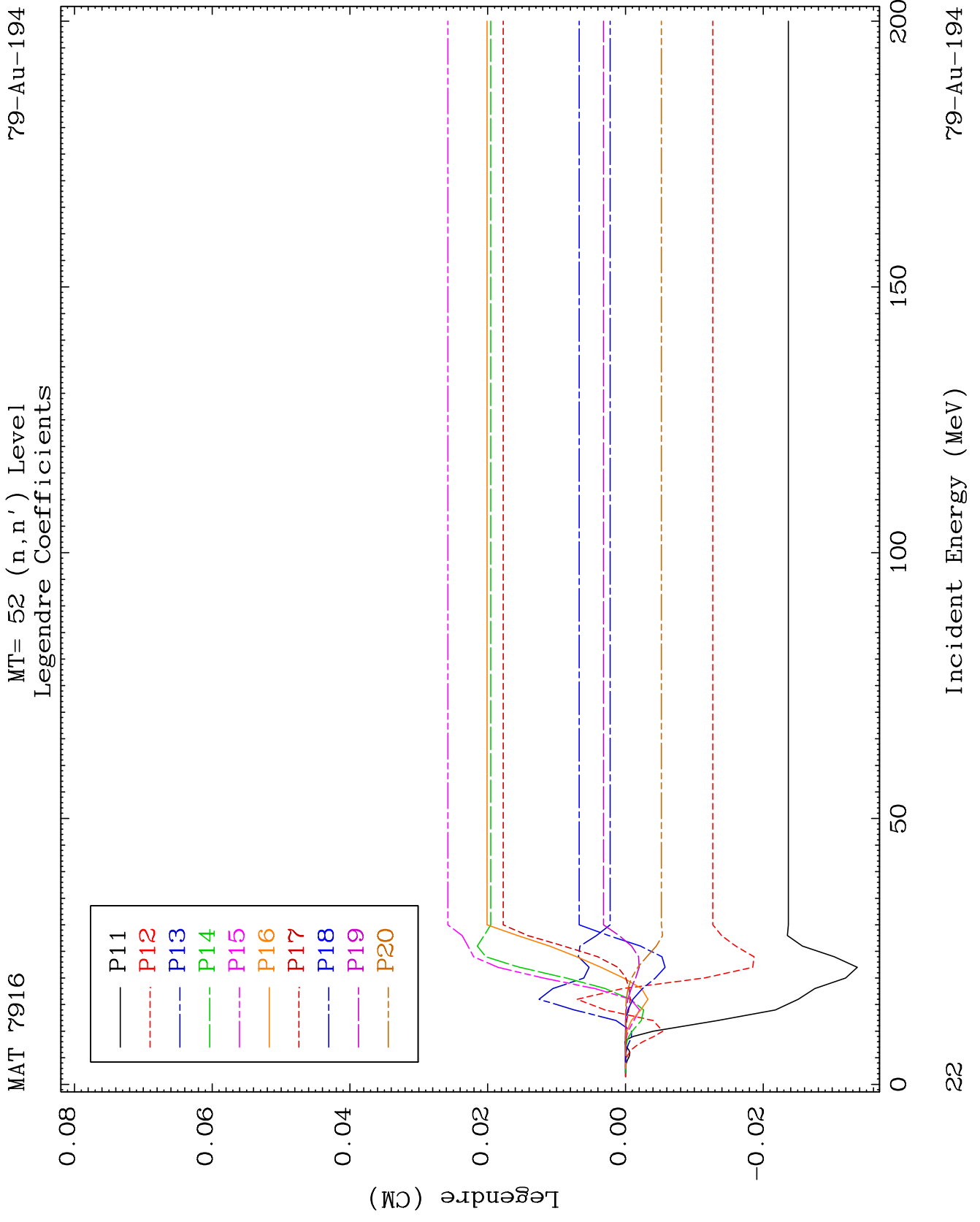


19

79-Au-194



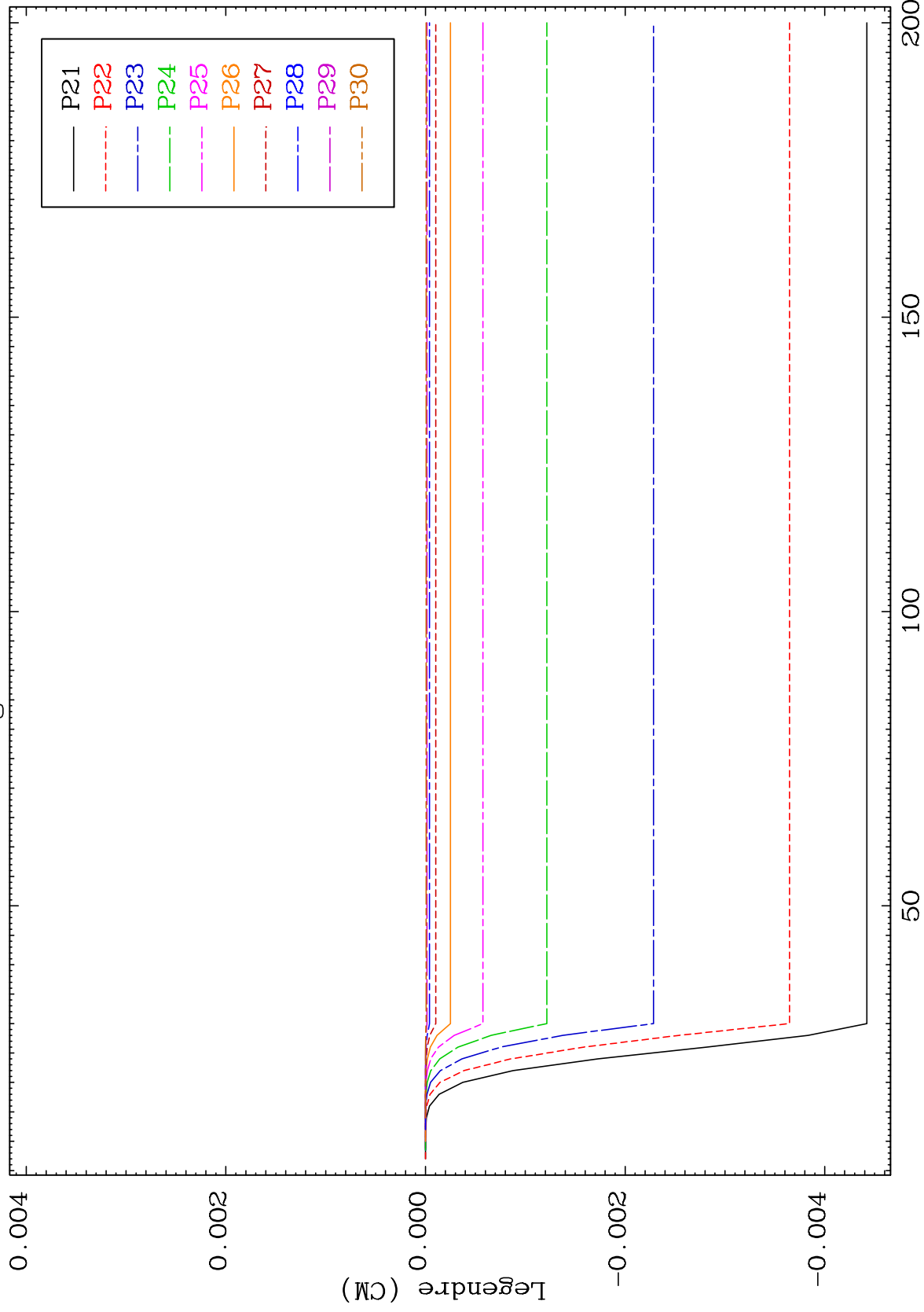




MAT 7916

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

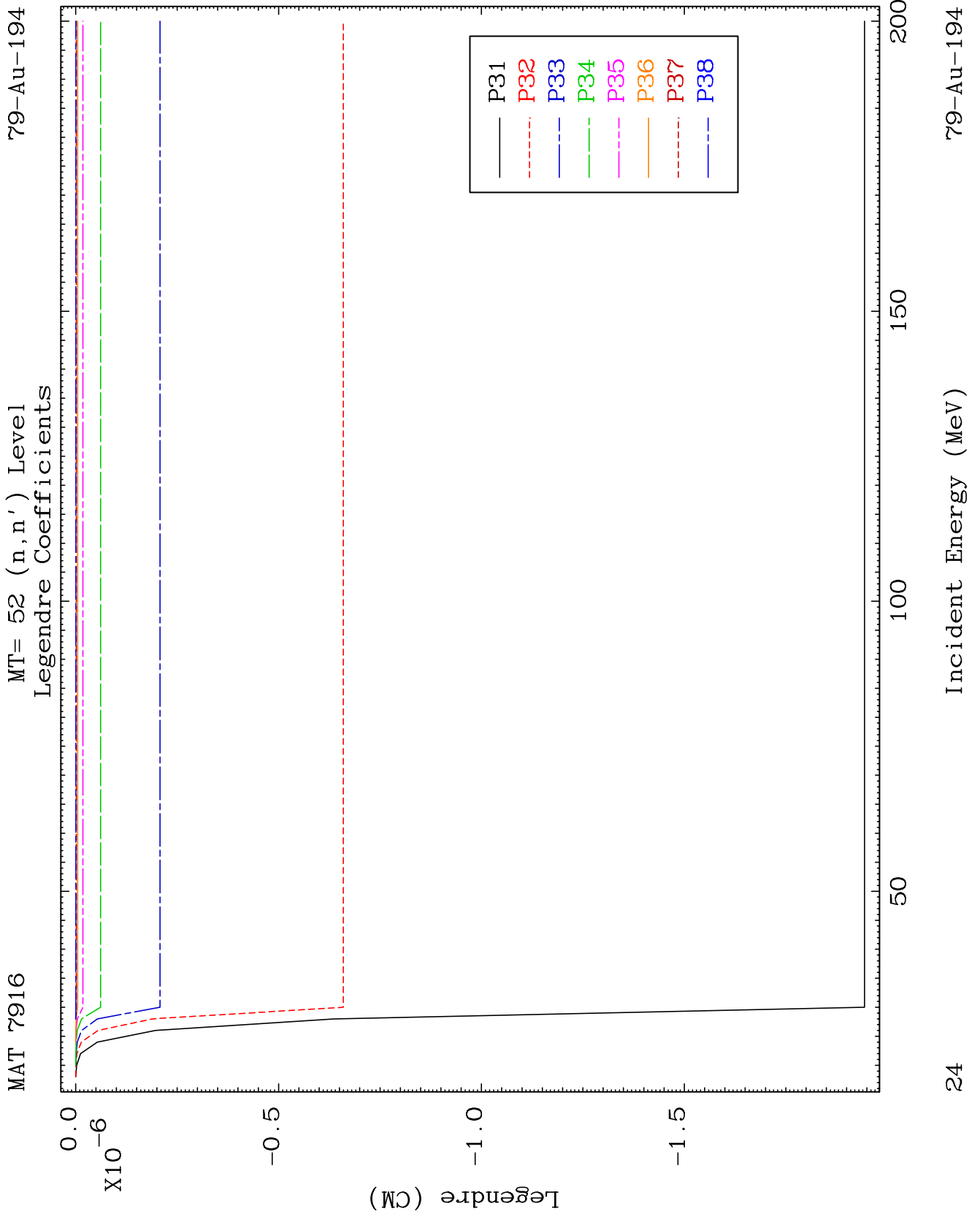
79-Au-194



23

Incident Energy (MeV)

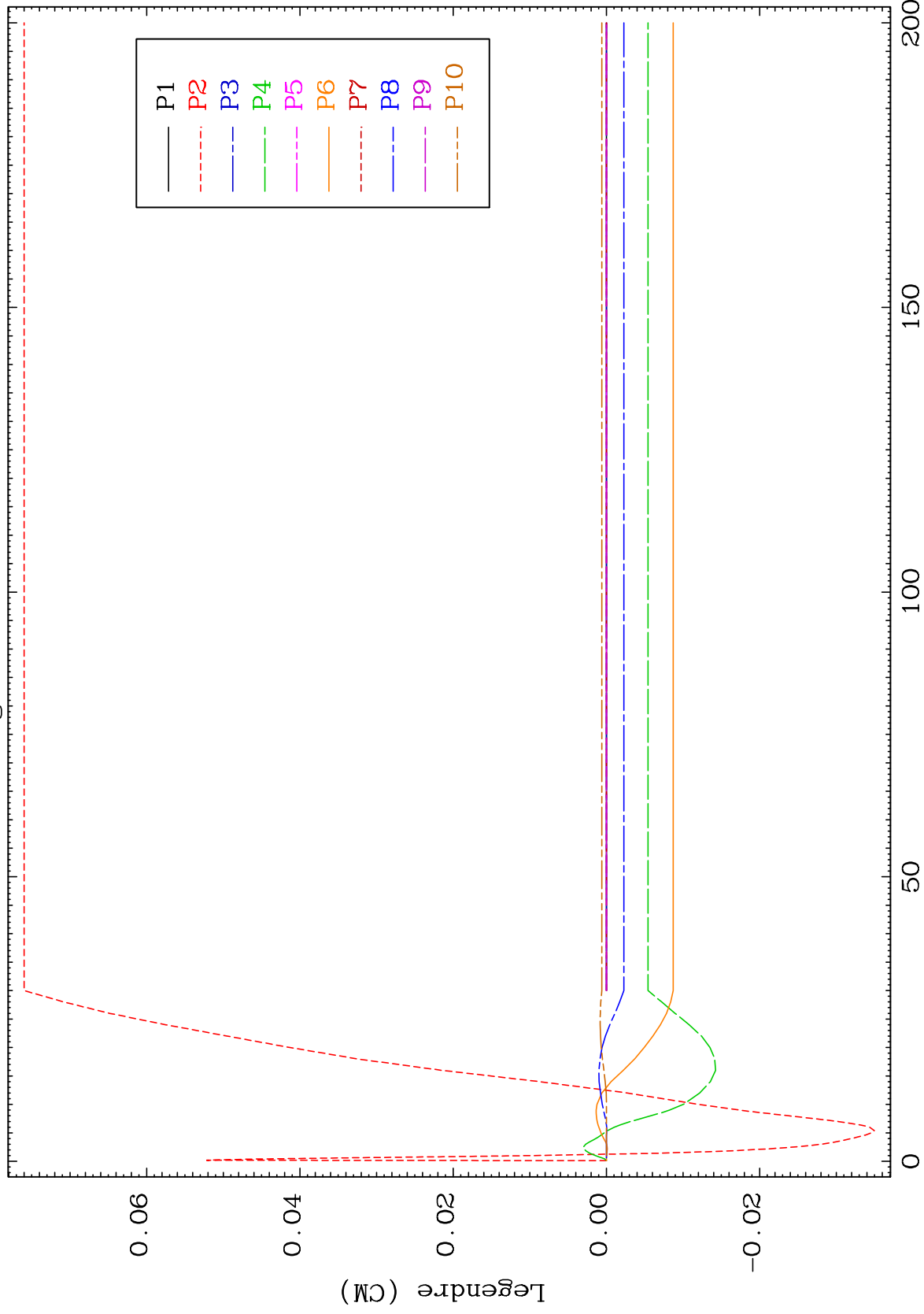
79-Au-194



MAT 7916

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

79-Au-194



25

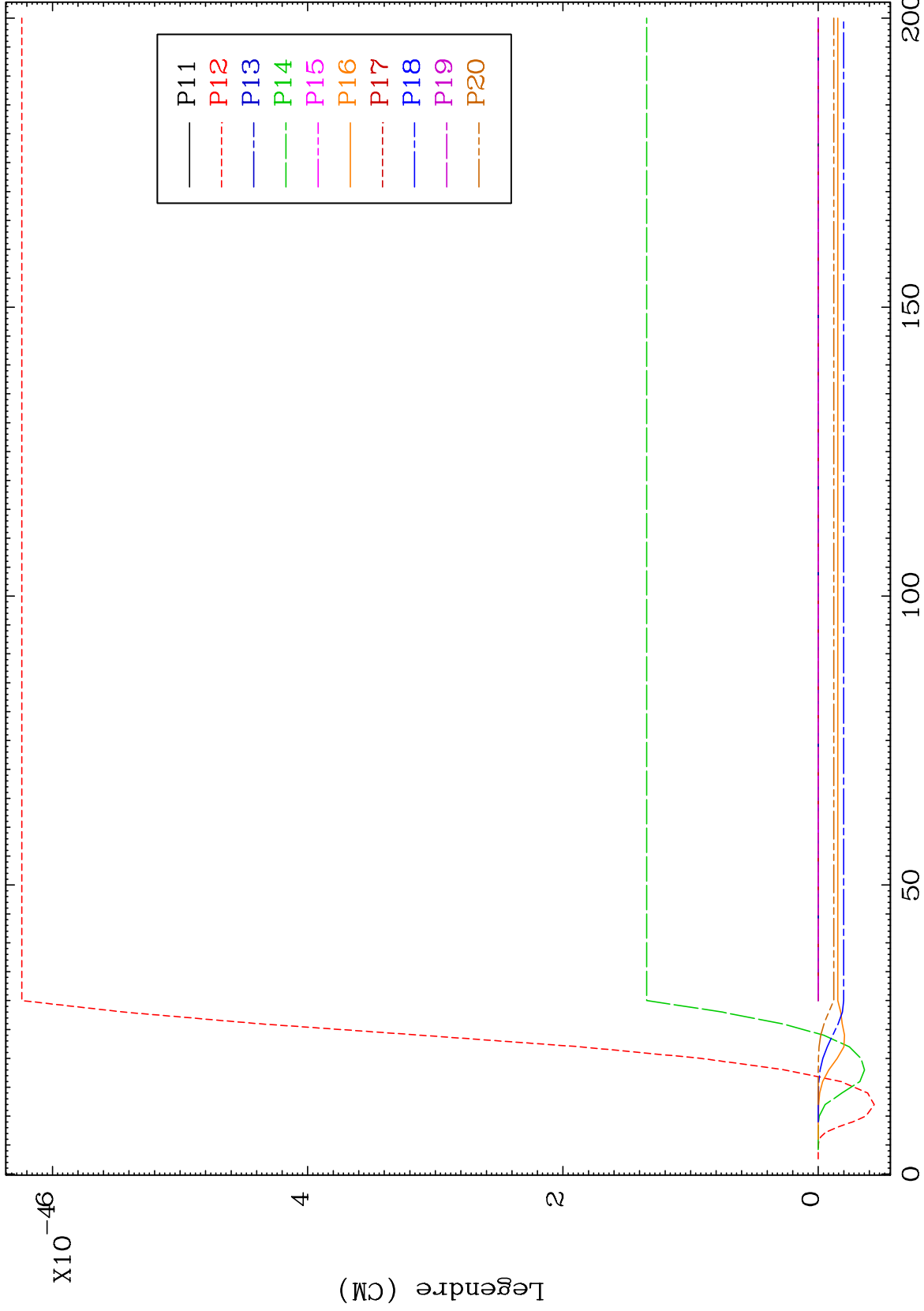
Incident Energy (MeV)

79-Au-194

MAT 7916

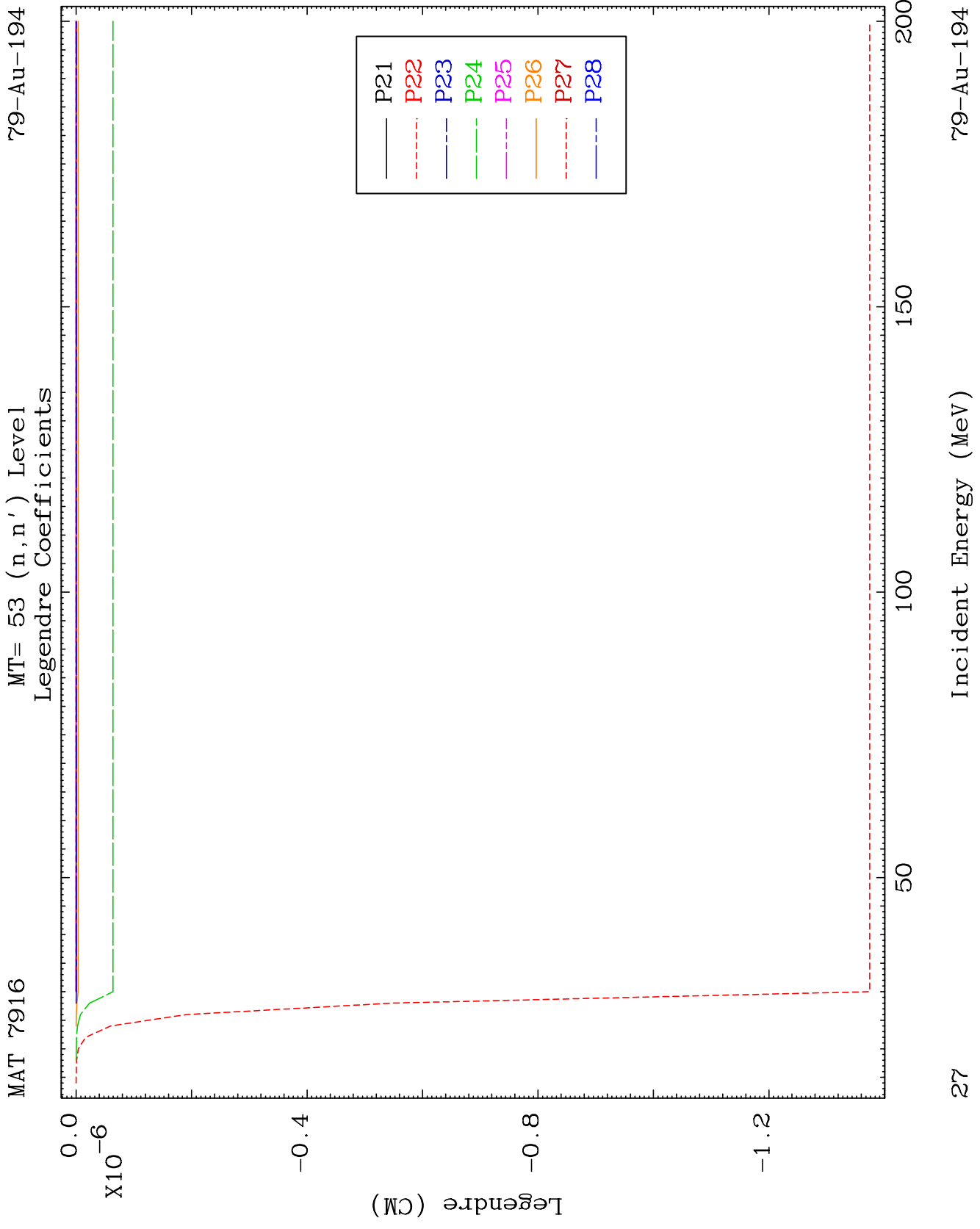
MT= 53 (n,n') Level
Legendre Coefficients

79-Au-194



26

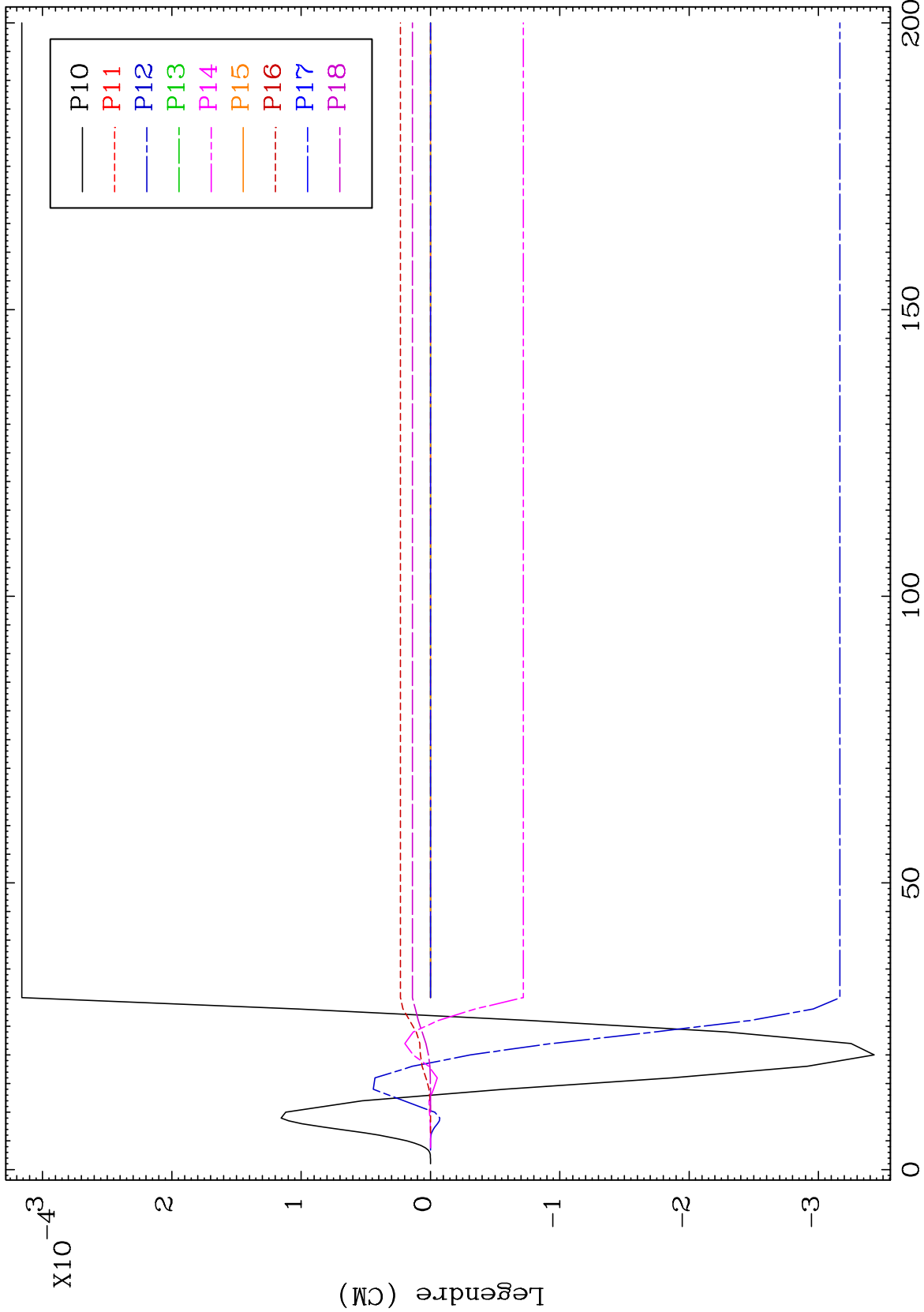
79-Au-194



MAT 7916

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

79-Au-194



29

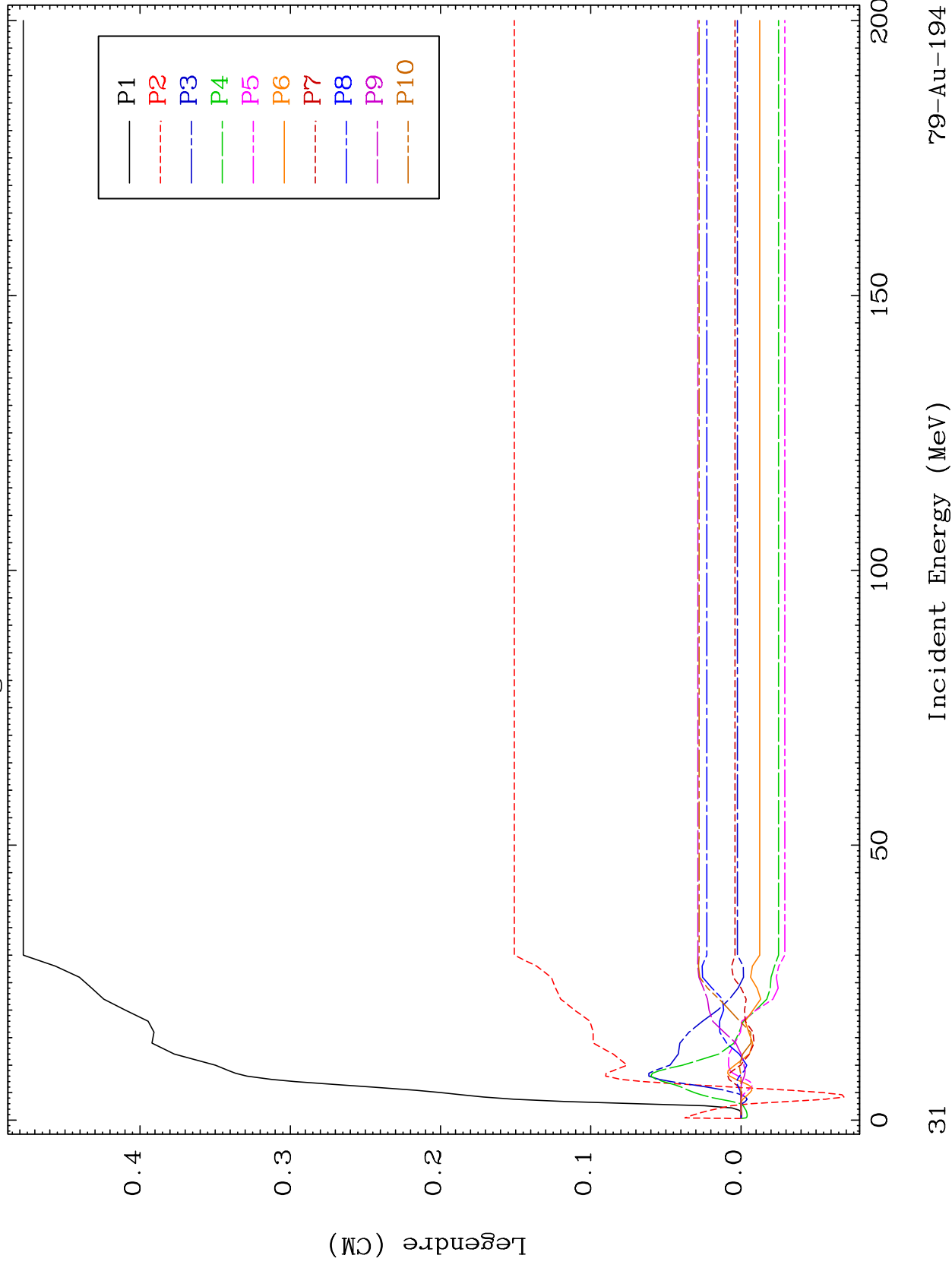
Incident Energy (MeV)

79-Au-194

MAT 7916

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

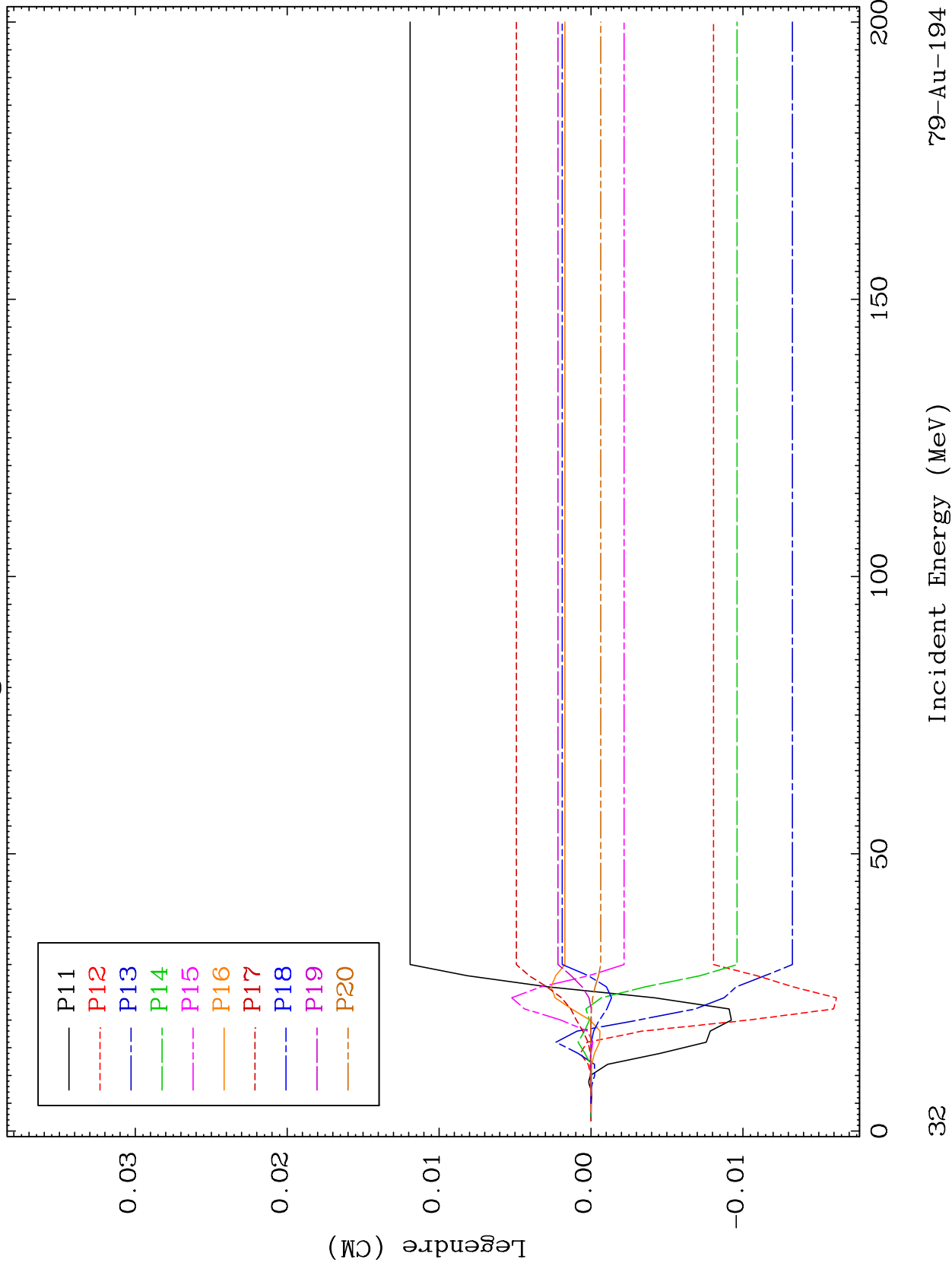
79-Au-194



MAT 7916

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

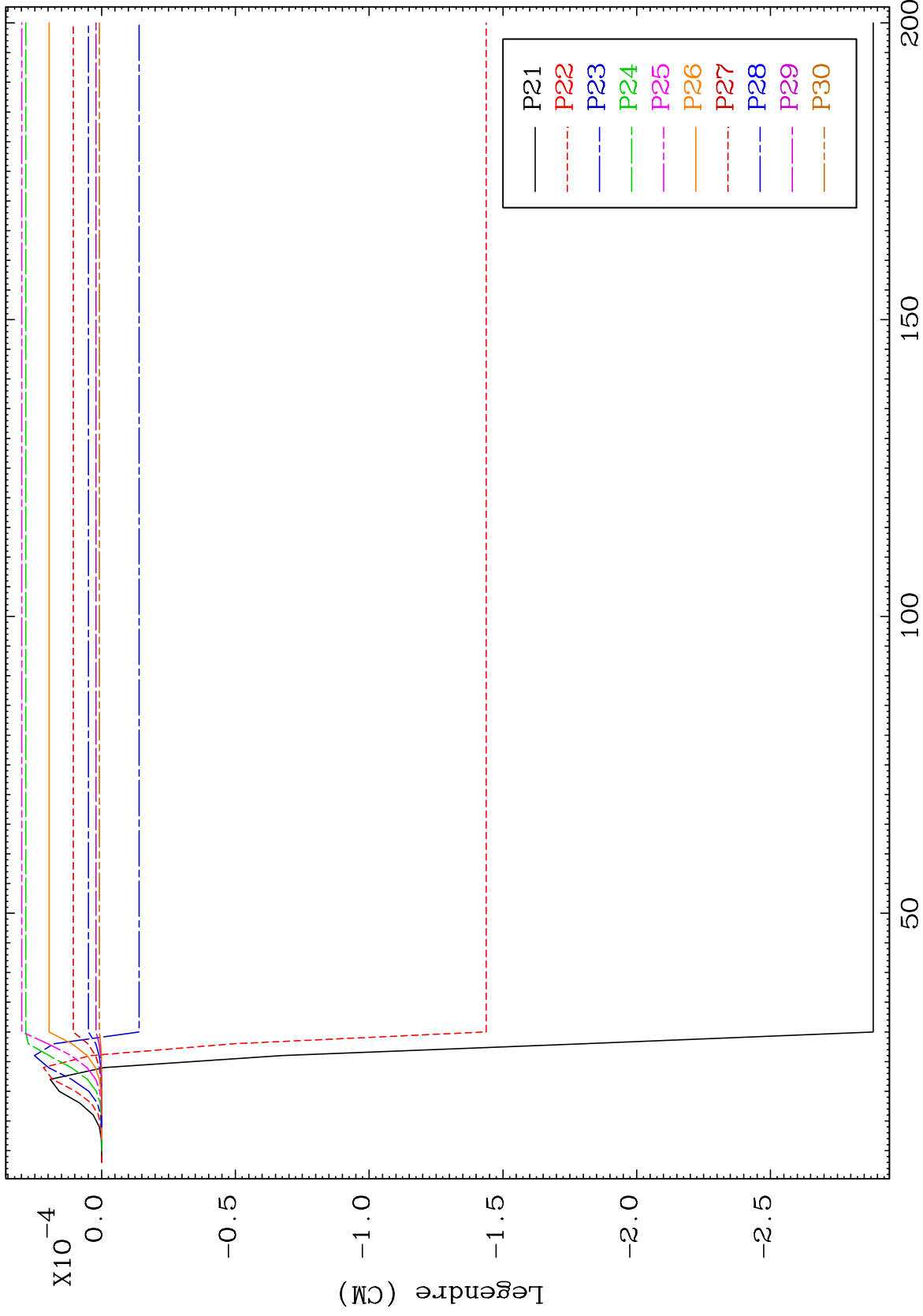
79-Au-194



32

Incident Energy (MeV)

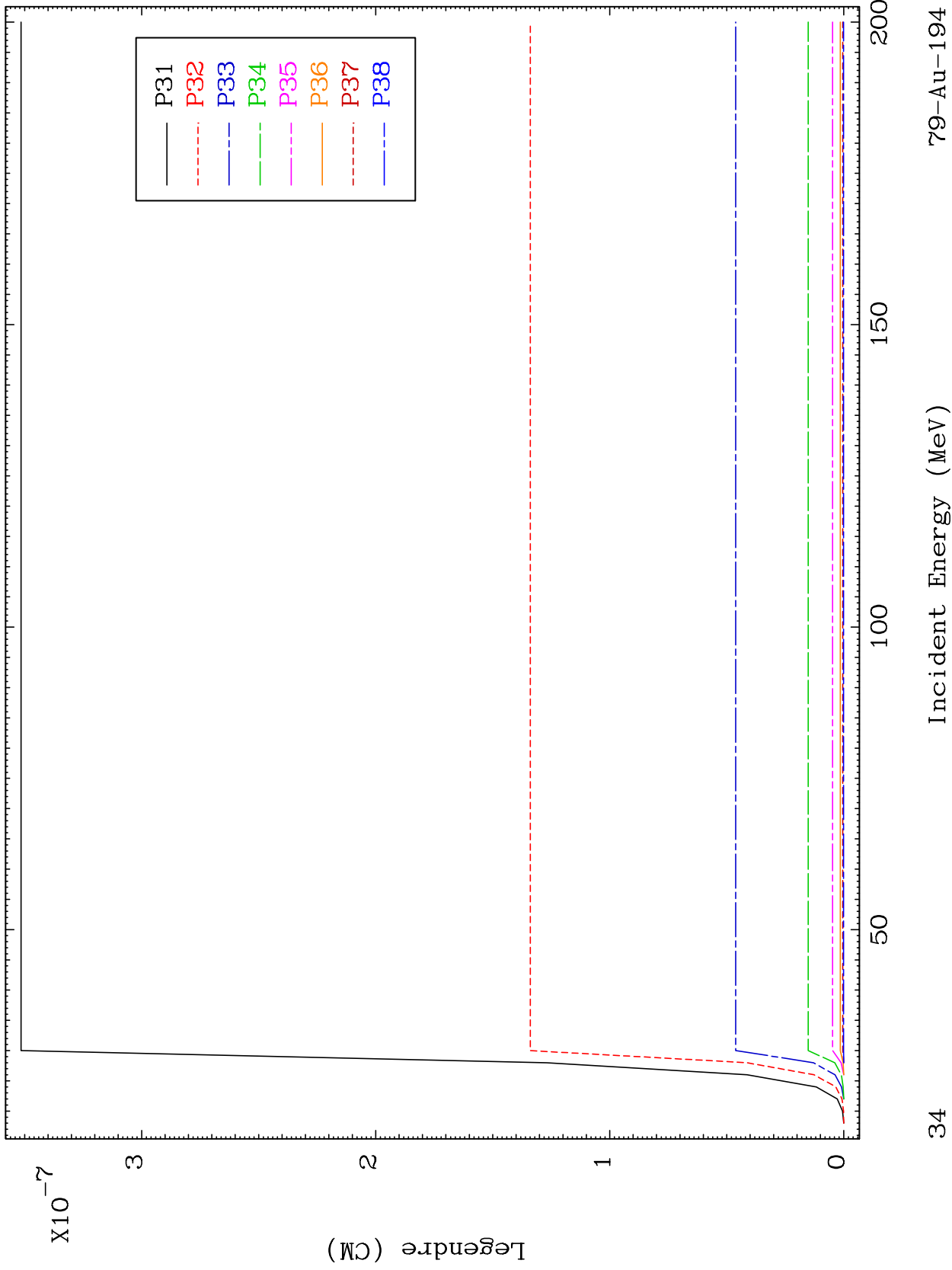
79-Au-194



MAT 7916

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

79-Au-194



34

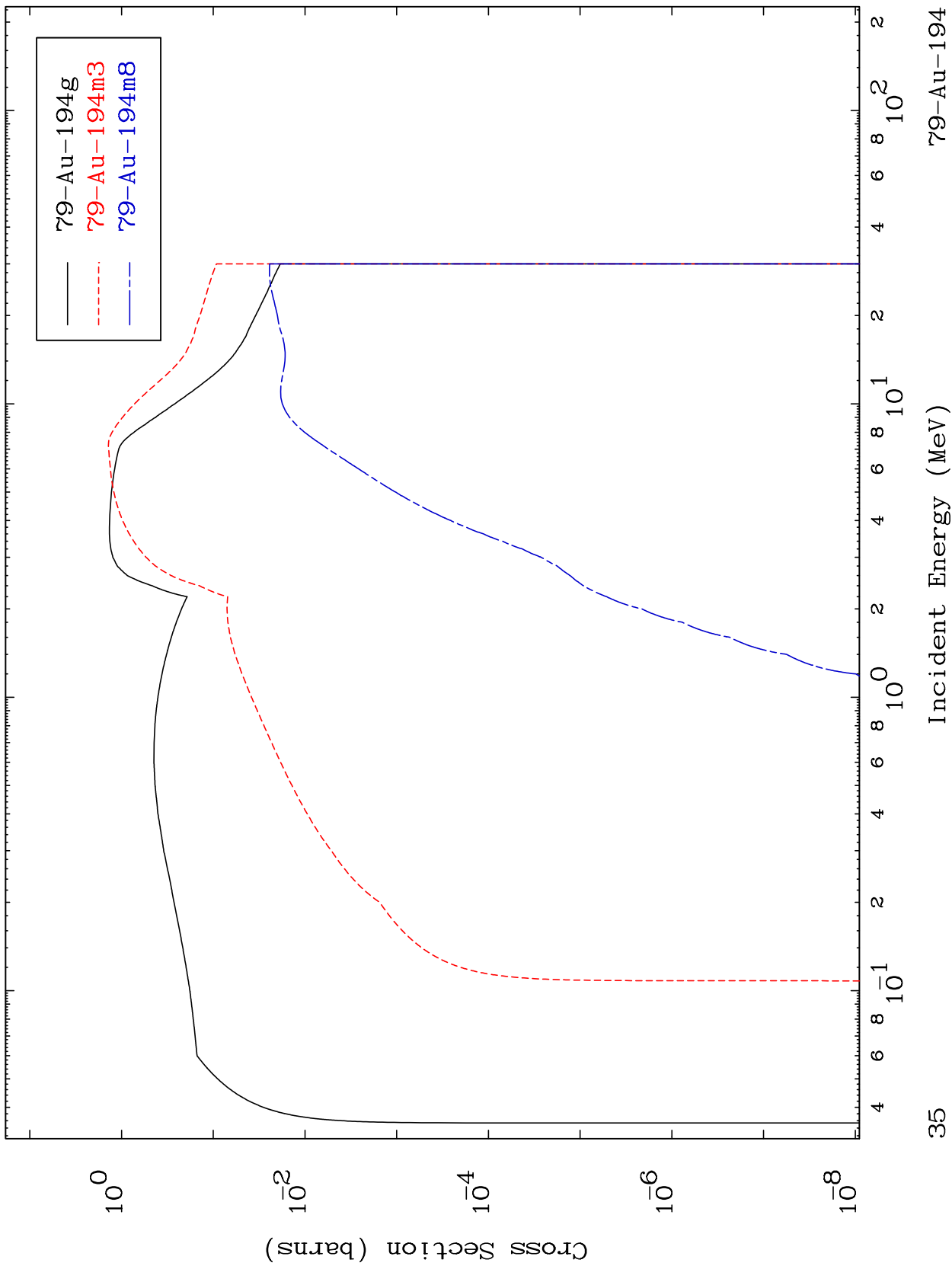
Incident Energy (MeV)

79-Au-194

MAT 7916

79-Au-194

Inelastic
Radionuclide Production Cross Section



35

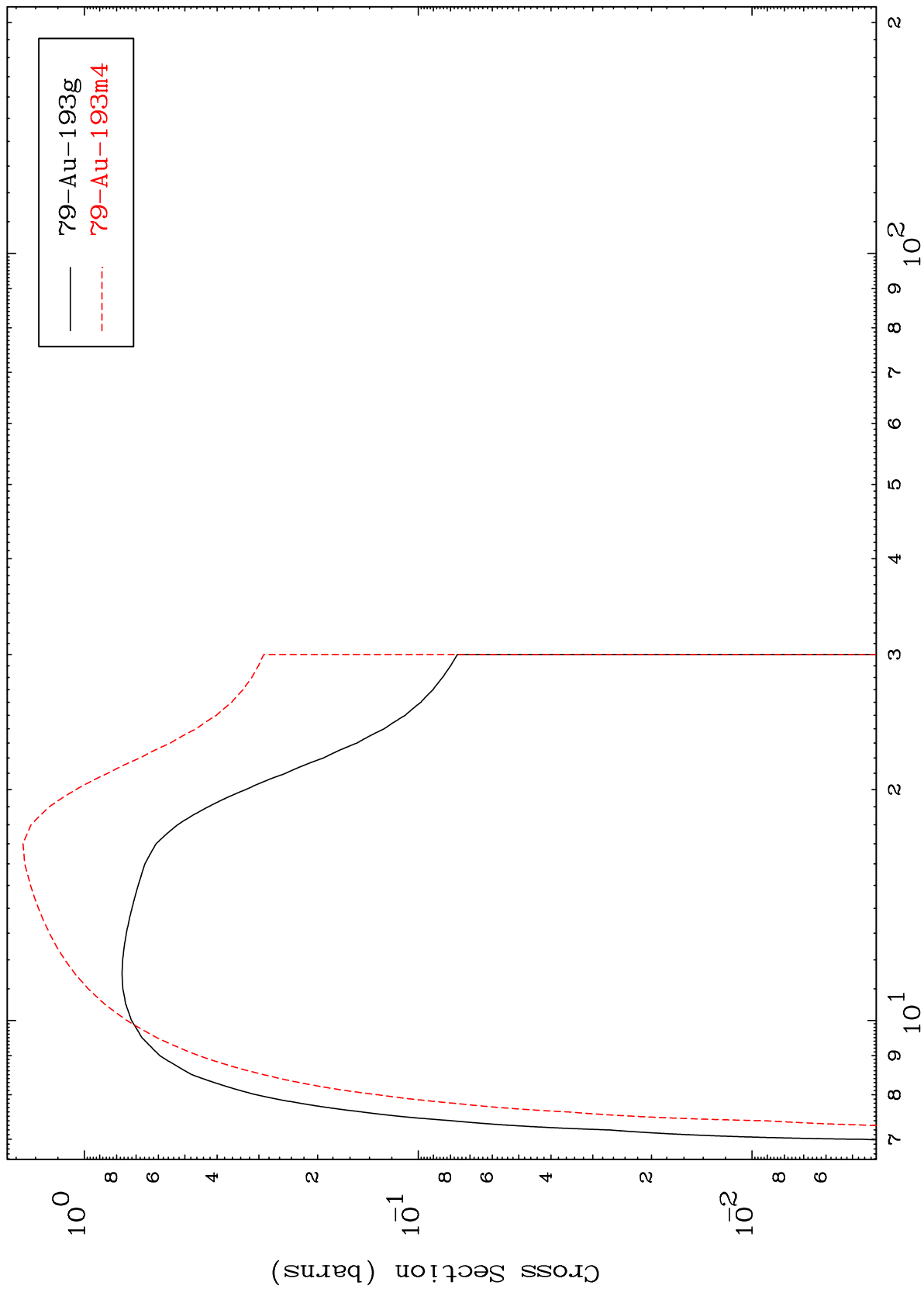
79-Au-194

MAT 7916

79-Au-194

(n,2n)

Radionuclide Production Cross Section



36

Incident Energy (MeV)

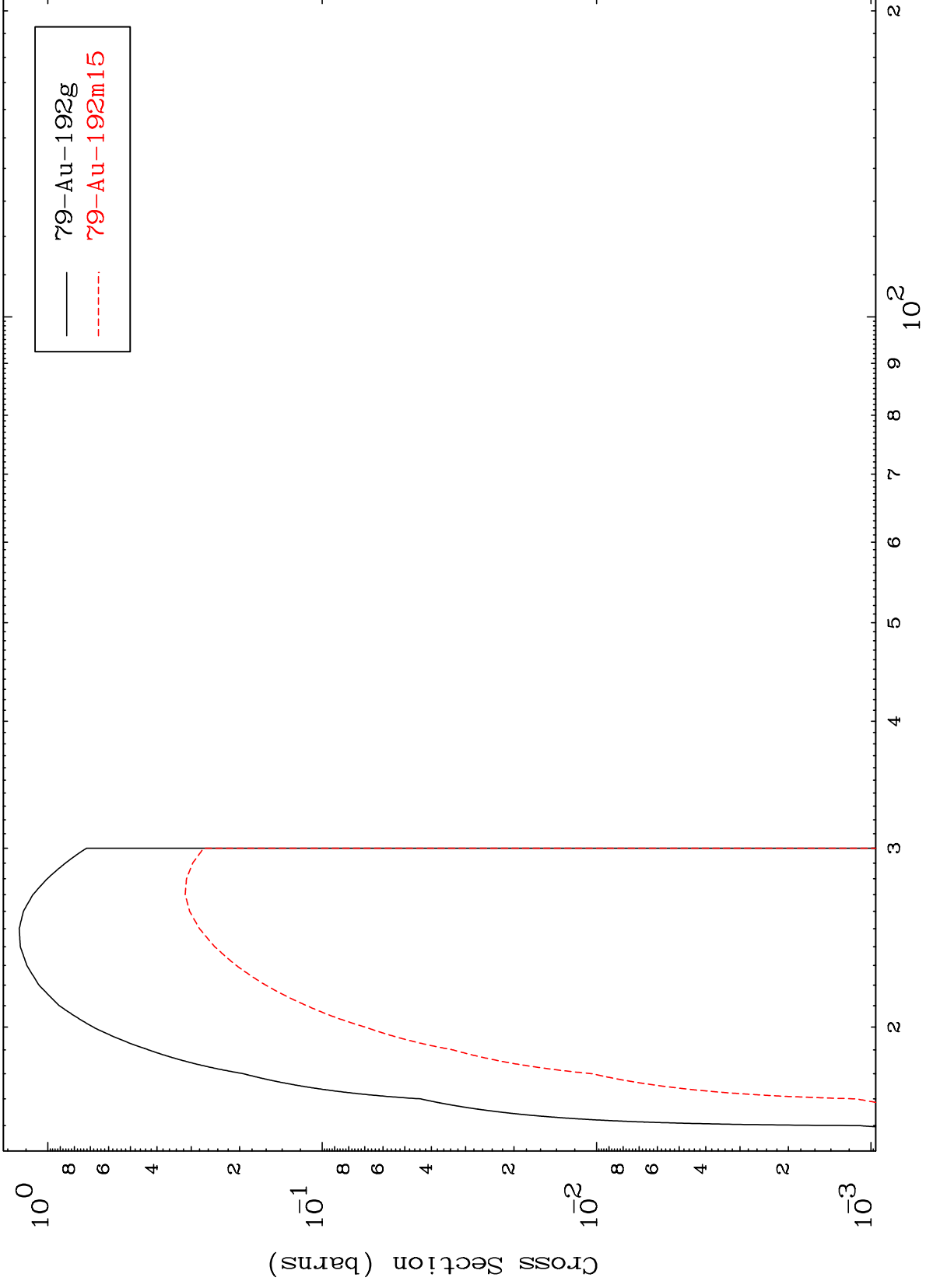
79-Au-194

MAT 7916

(n,3n)

⁷⁹Au-194

Radionuclide Production Cross Section



37

Incident Energy (MeV)

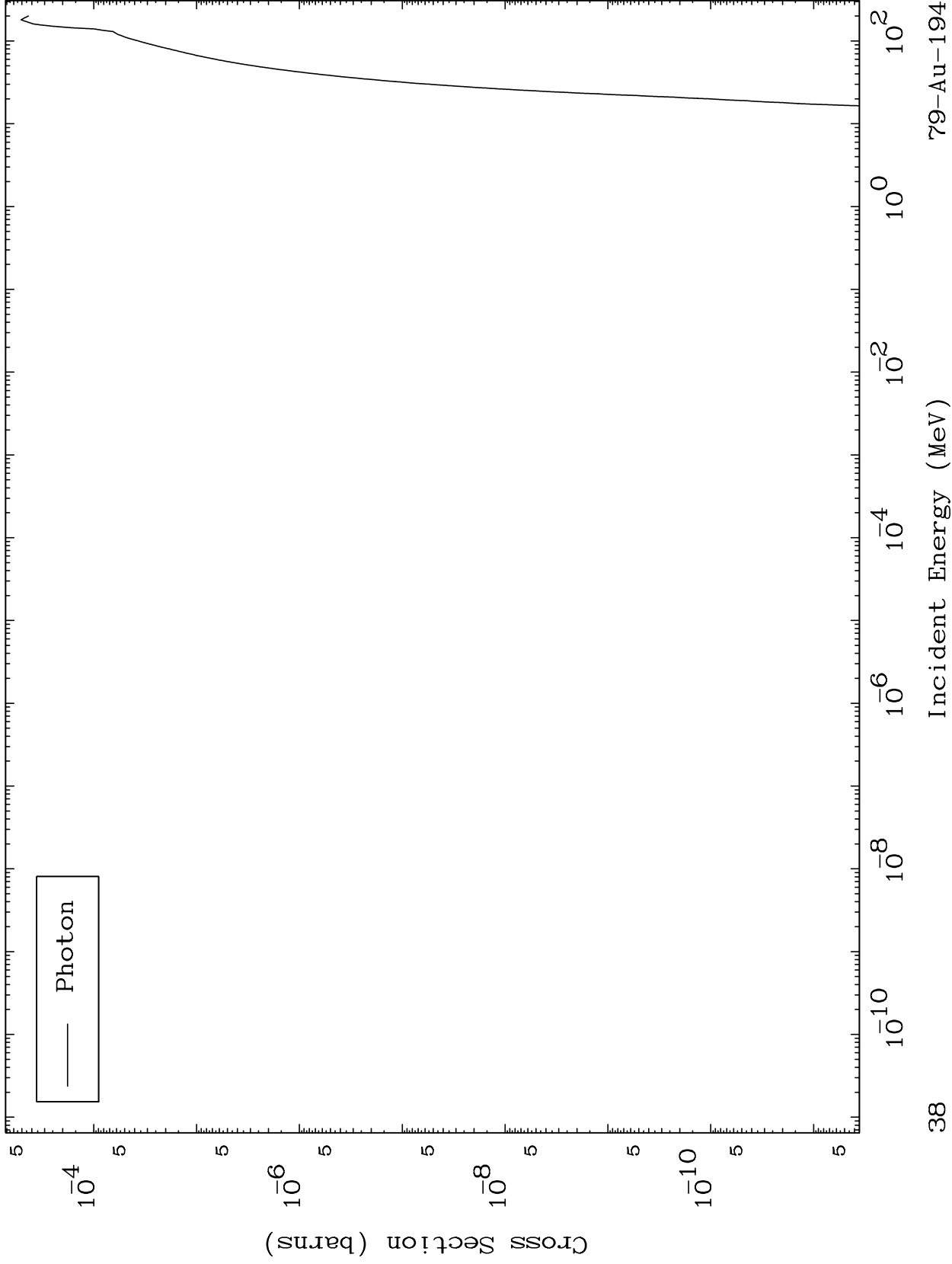
⁷⁹Au-194

MAT 7916

Fission

79-Au-194

Radionuclide Production Cross Section

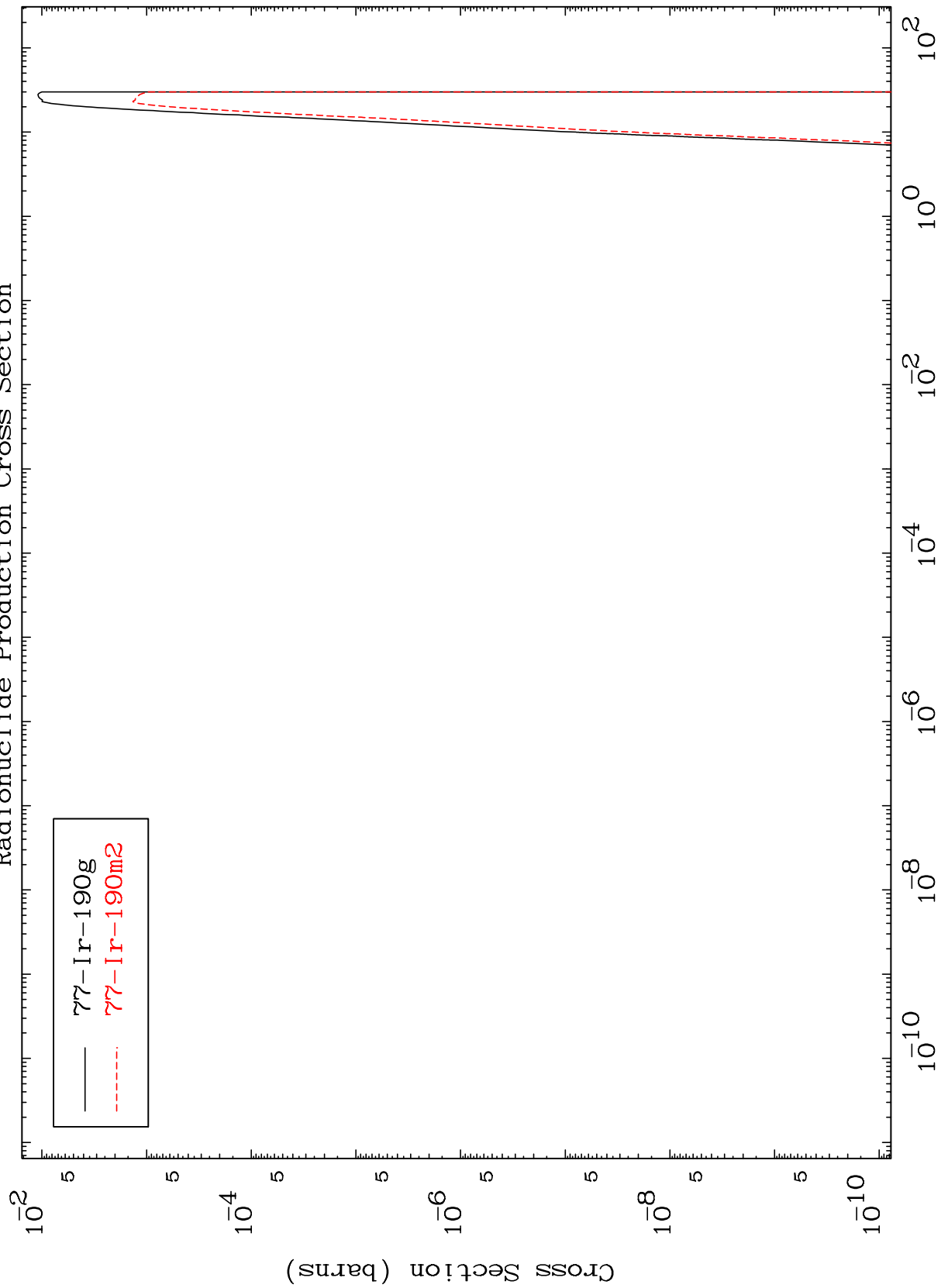


MAT 7916

$(n, n') \alpha$

79-Au-194

Radionuclide Production Cross Section



39

Incident Energy (MeV)

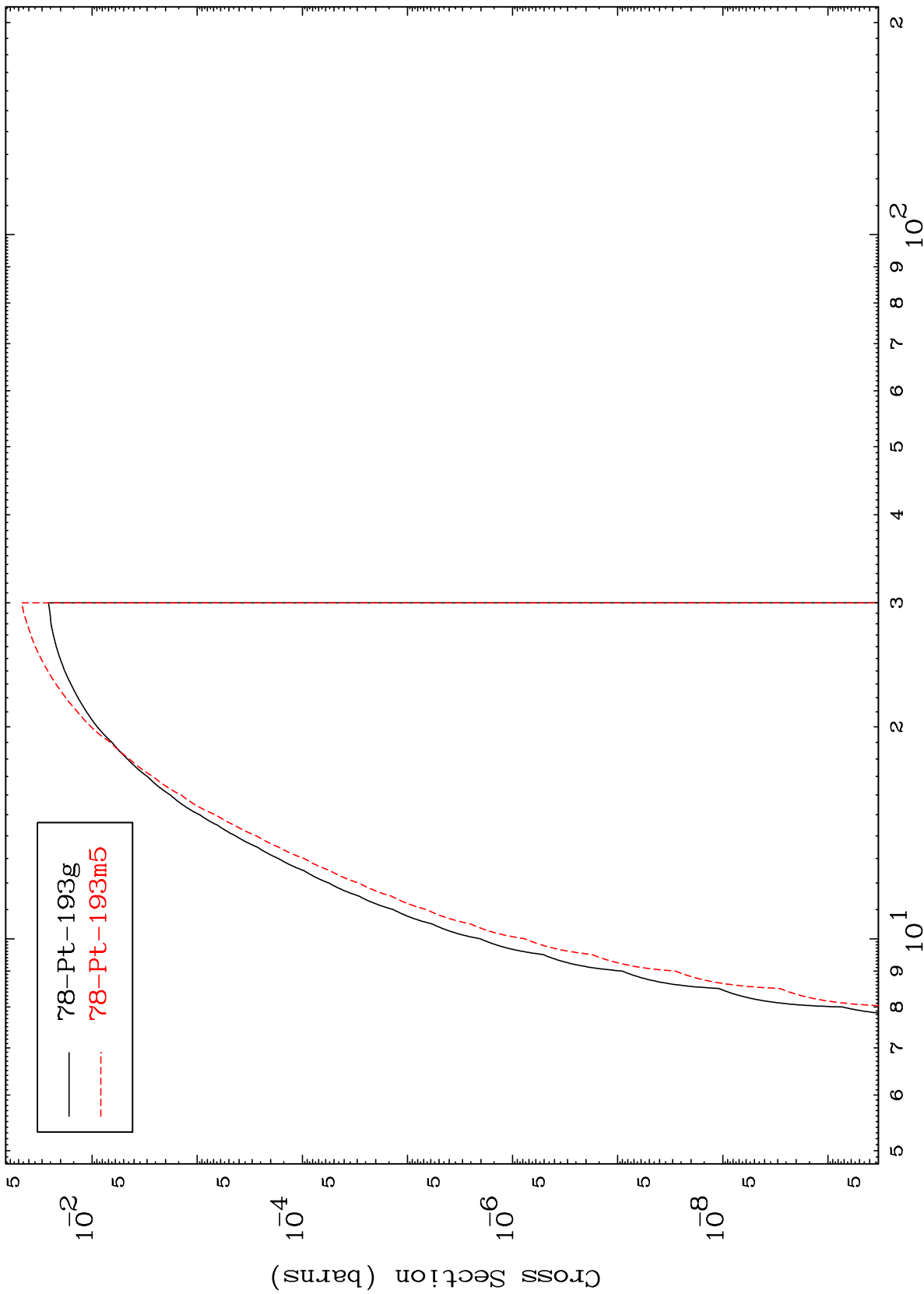
79-Au-194

MAT 7916

(n,n') p

79-Au-194

Radionuclide Production Cross Section



40

Incident Energy (MeV)

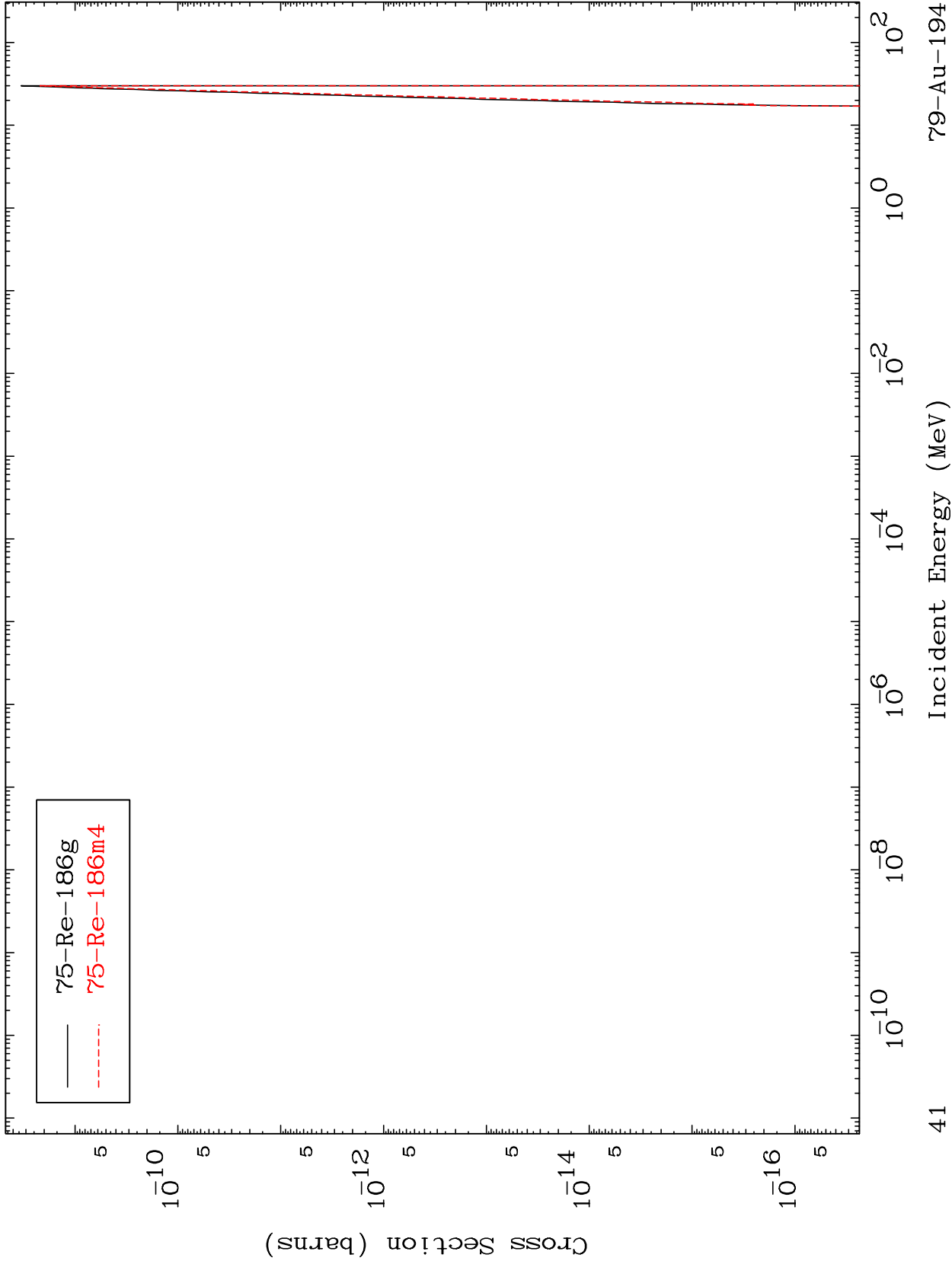
79-Au-194

MAT 7916

(n,n') 2α

79-Au-194

Radionuclide Production Cross Section

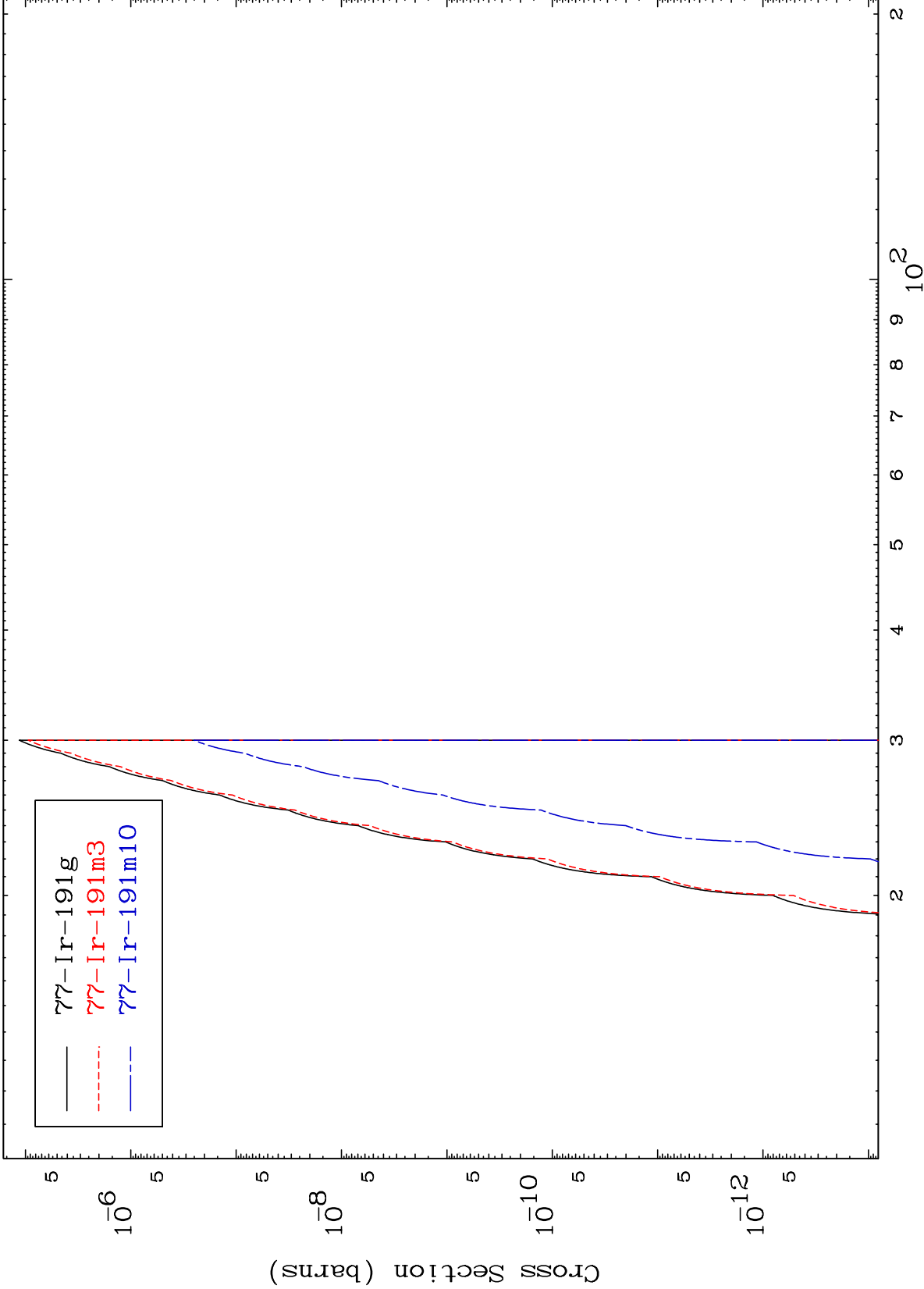


MAT 7916

(n,n') He-3

79-Au-194

Radionuclide Production Cross Section



42

Incident Energy (MeV)

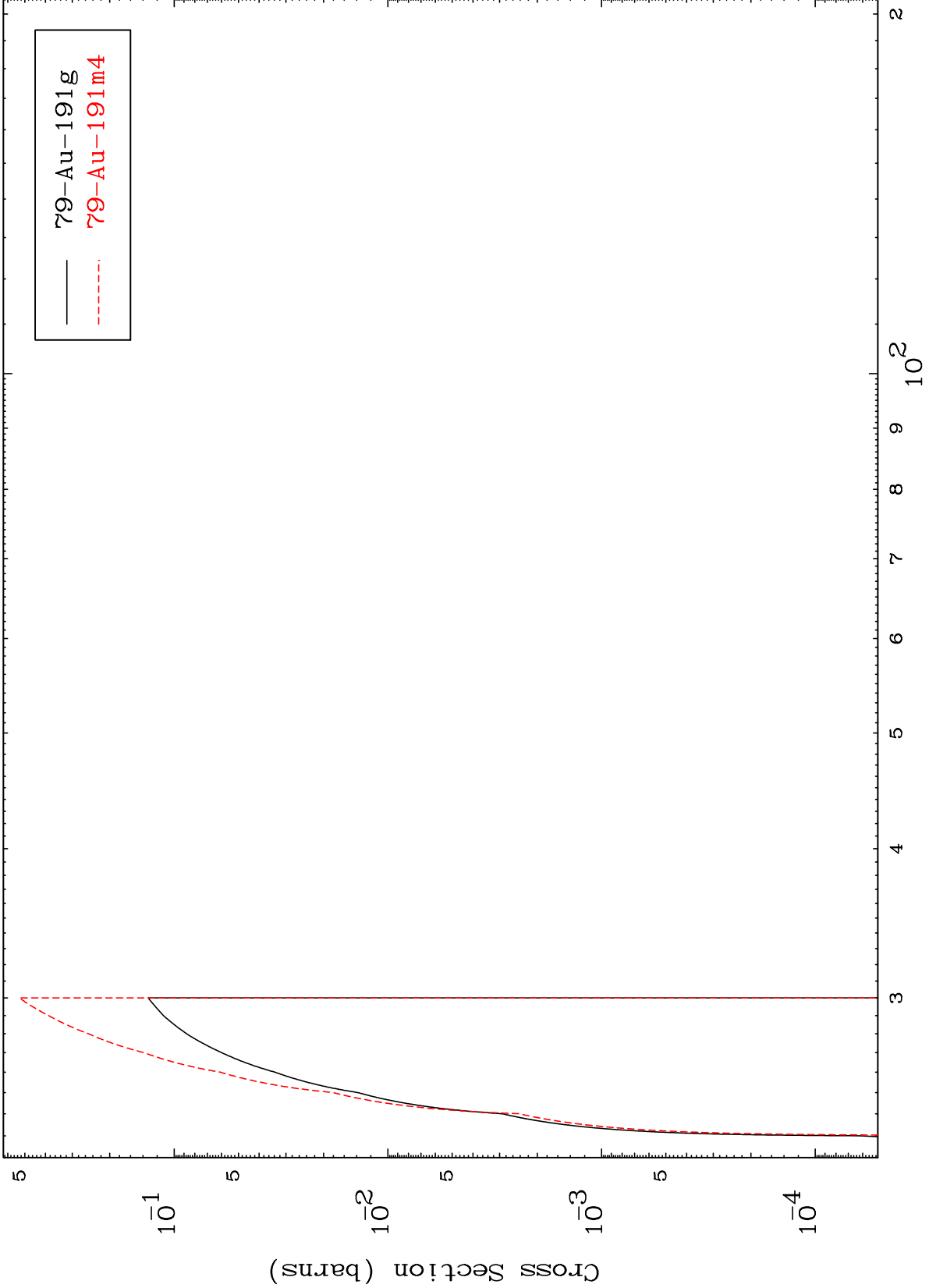
79-Au-194

MAT 7916

(n,4n)

79-Au-194

Radionuclide Production Cross Section



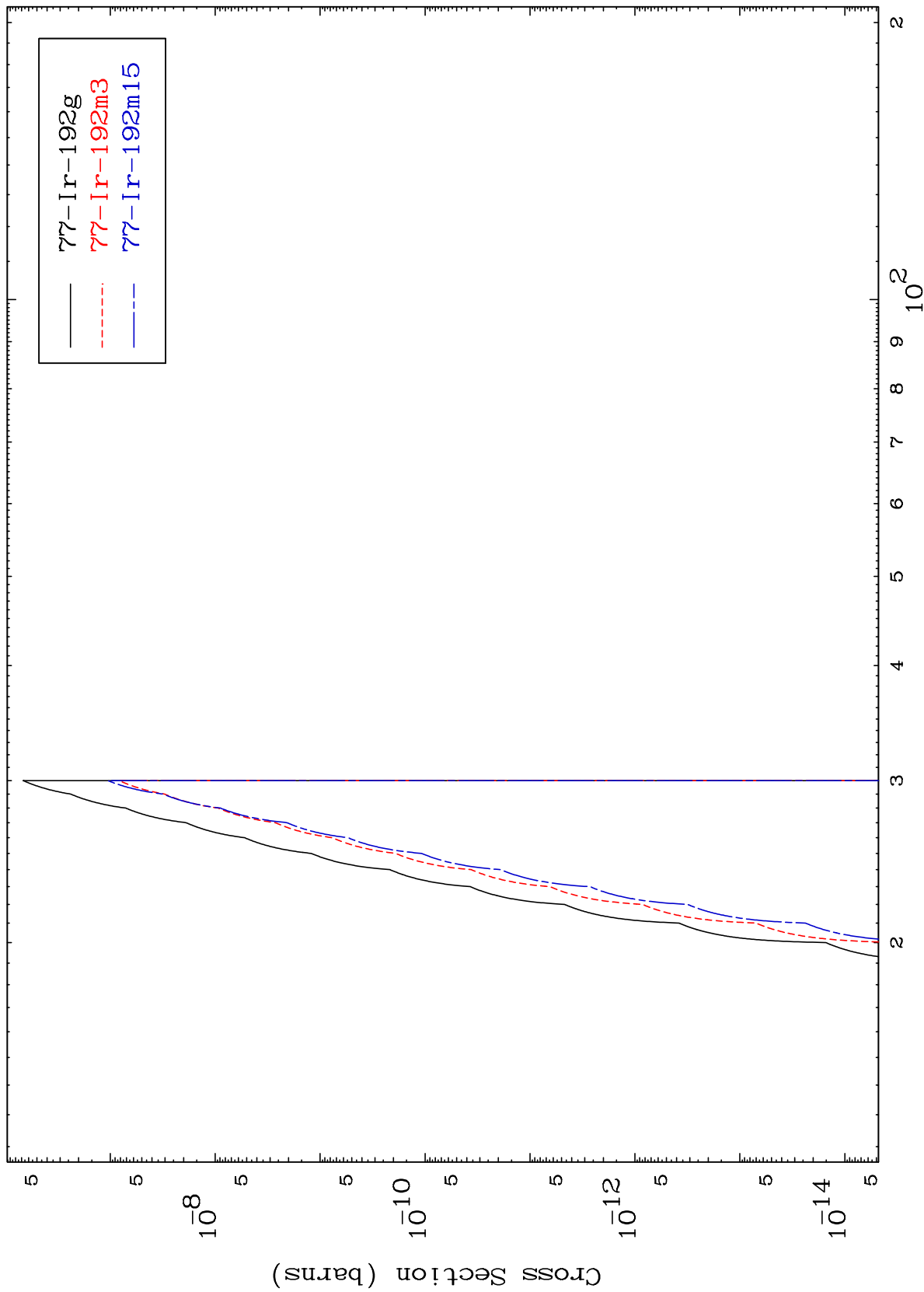
79-Au-191g
79-Au-191m4

43

Incident Energy (MeV)

79-Au-194

Radionuclide Production Cross Section

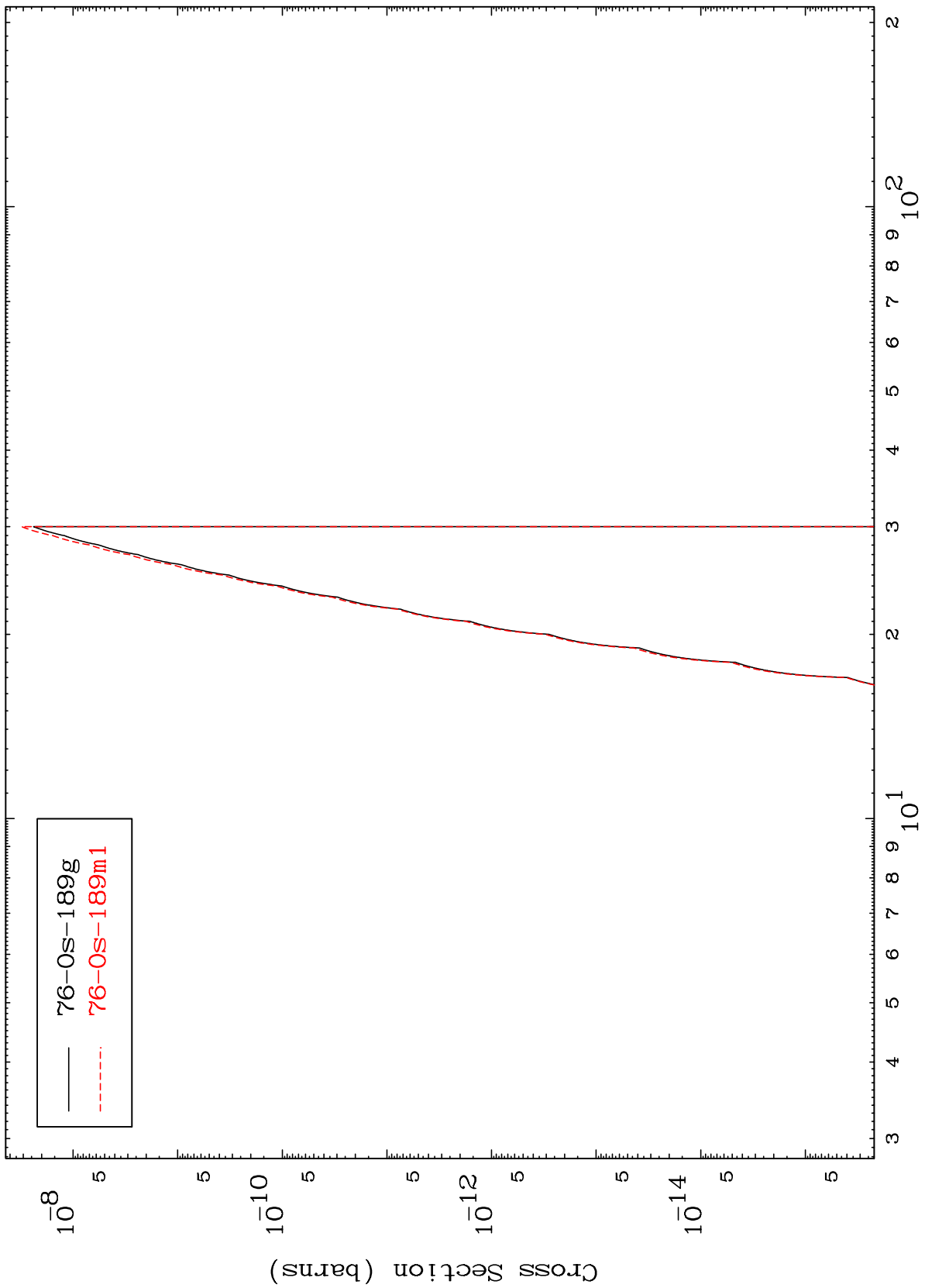


MAT 7916

(n,n') p α

79-Au-194

Radionuclide Production Cross Section



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

45

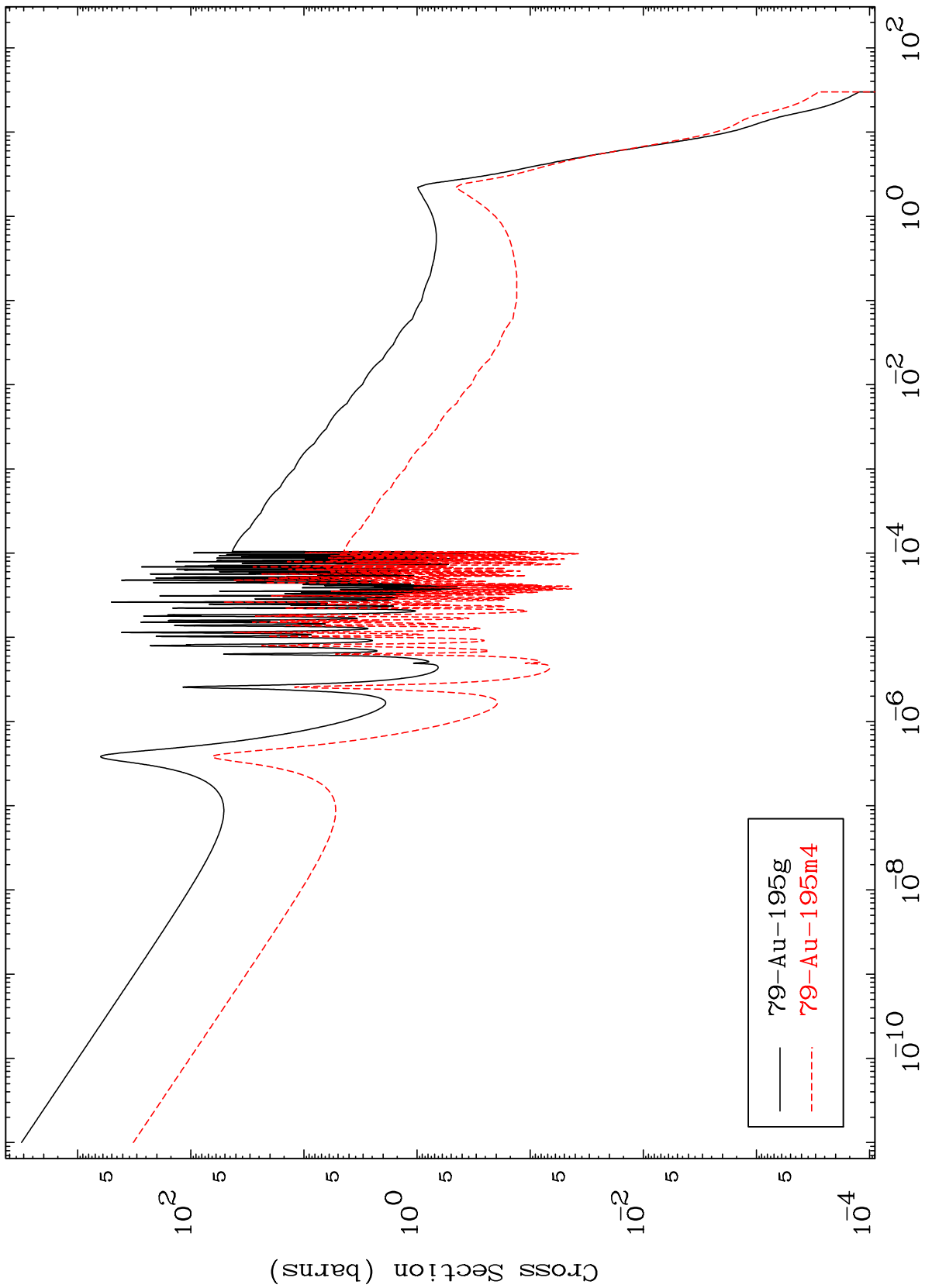
Incident Energy (MeV)

79-Au-194

MAT 7916

79-Au-194

(n, γ)
Radionuclide Production Cross Section



— 79-Au-195g
- - - 79-Au-195m4

79-Au-194

Incident Energy (MeV)

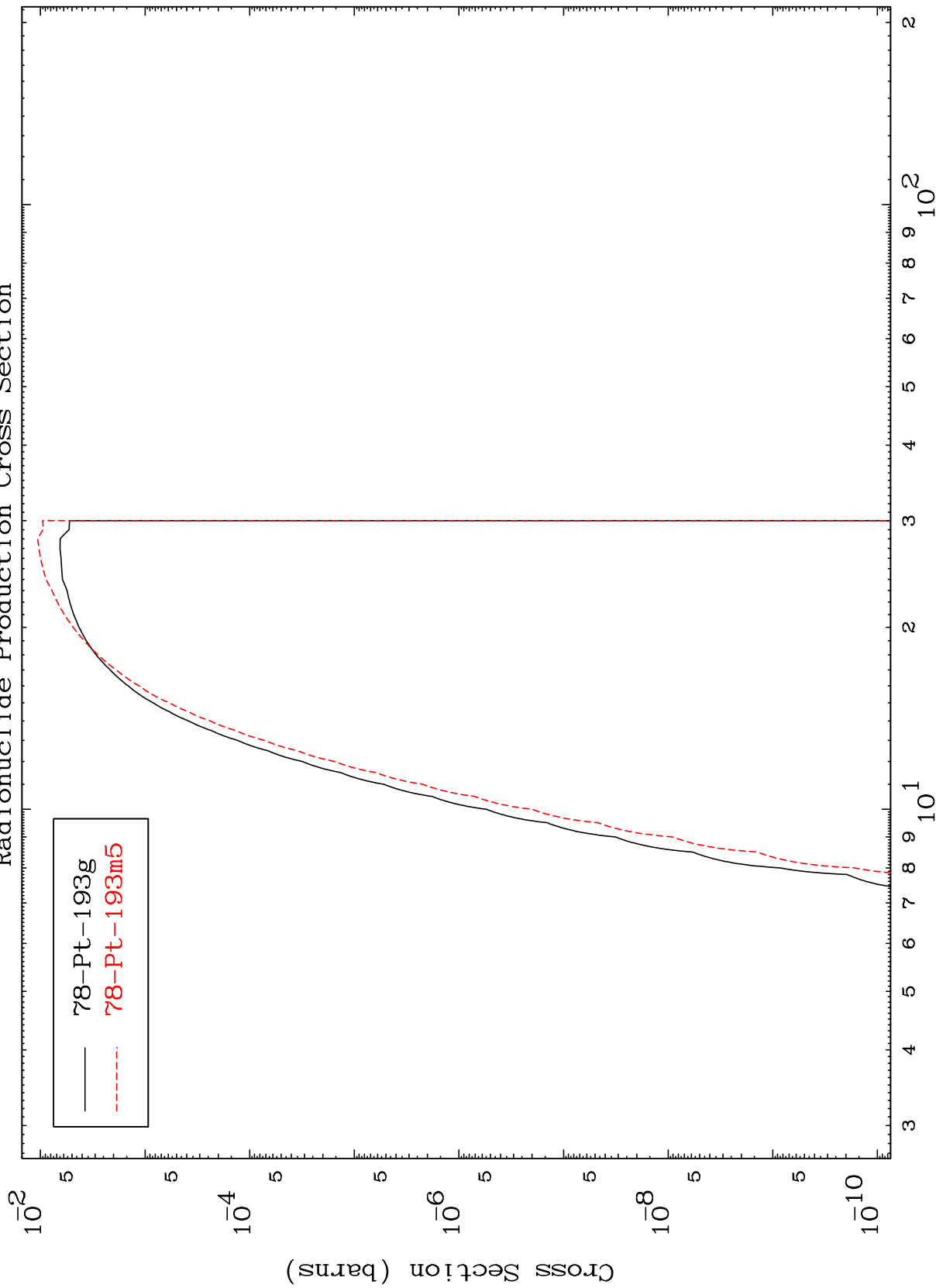
46

MAT 7916

(n,d)

79-Au-194

Radionuclide Production Cross Section



47

Incident Energy (MeV)

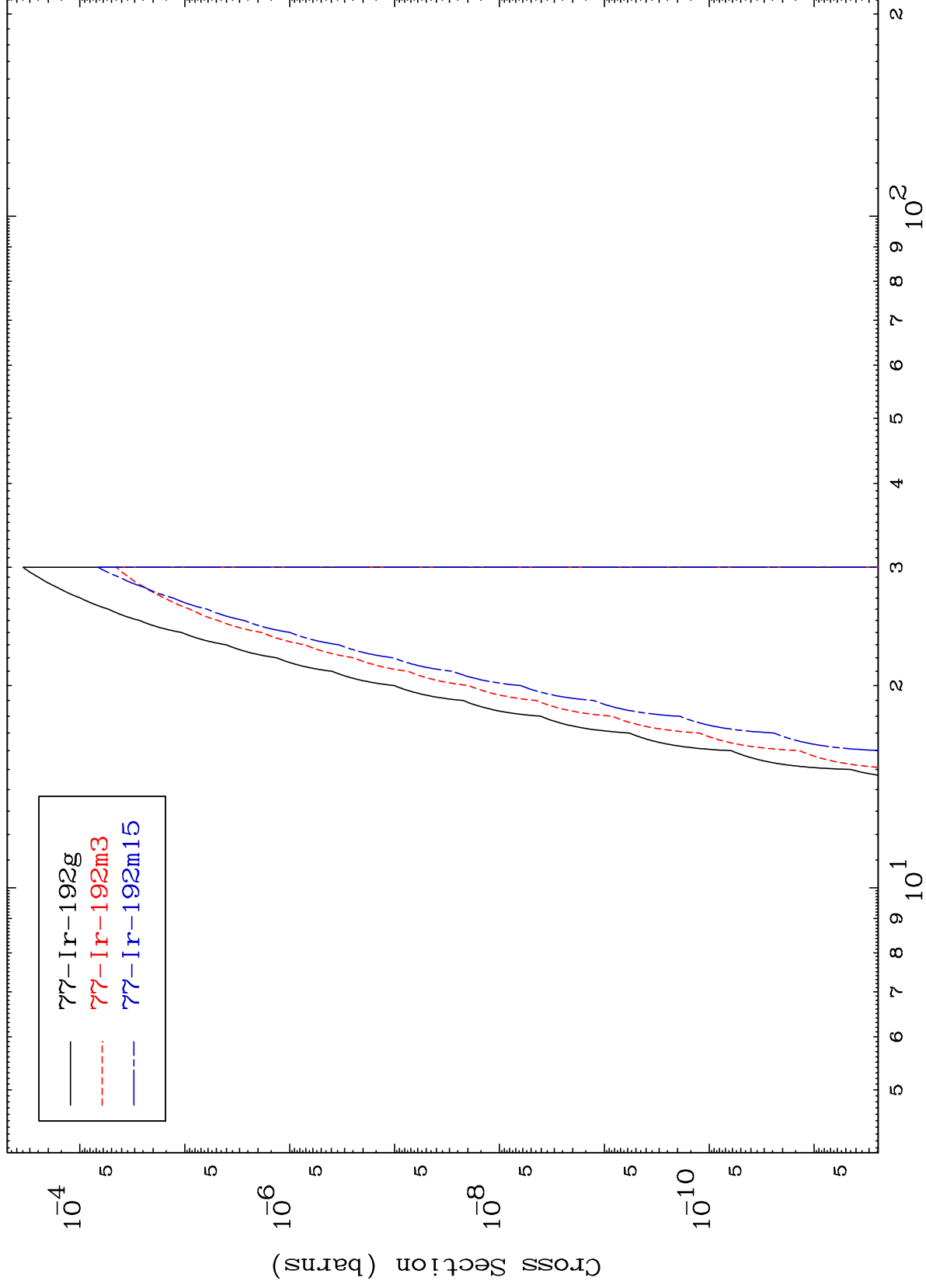
79-Au-194

MAT 7916

(n,He-3)

79-Au-194

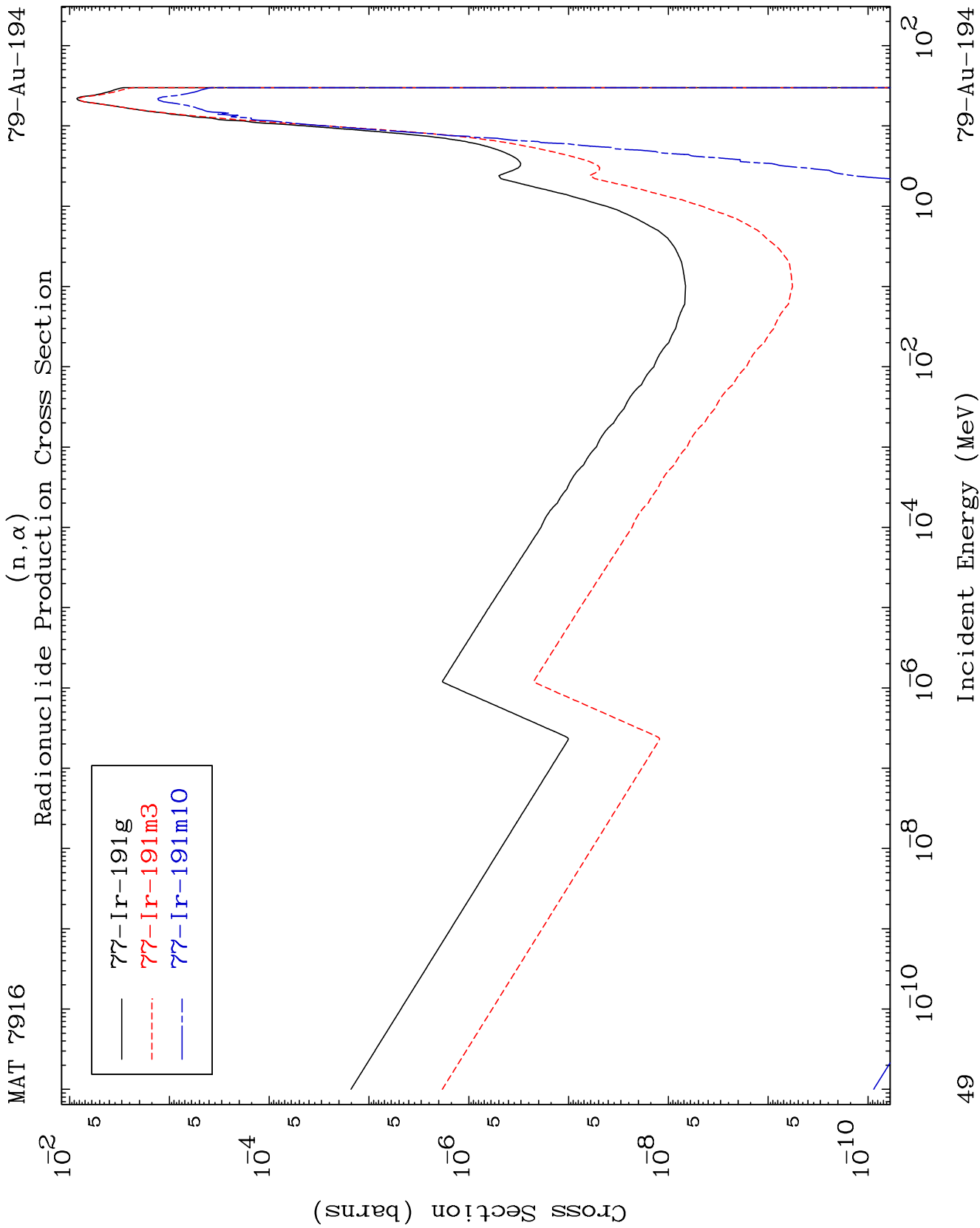
Radionuclide Production Cross Section



48

Incident Energy (MeV)

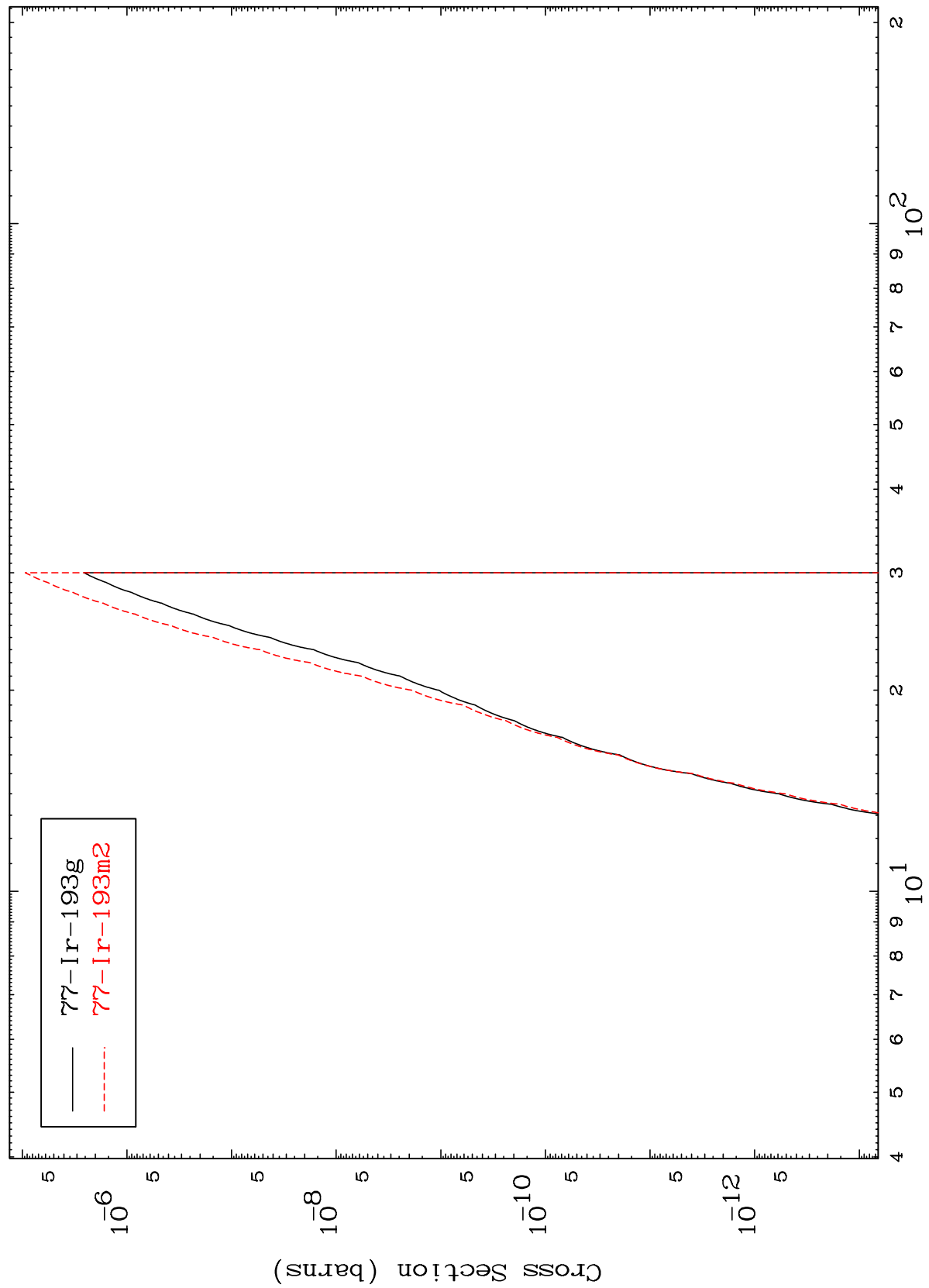
79-Au-194



MAT 7916

79-Au-194

(n,2p)
Radionuclide Production Cross Section



— 77-Ir-193g
- - - 77-Ir-193m2

79-Au-194

Incident Energy (MeV)

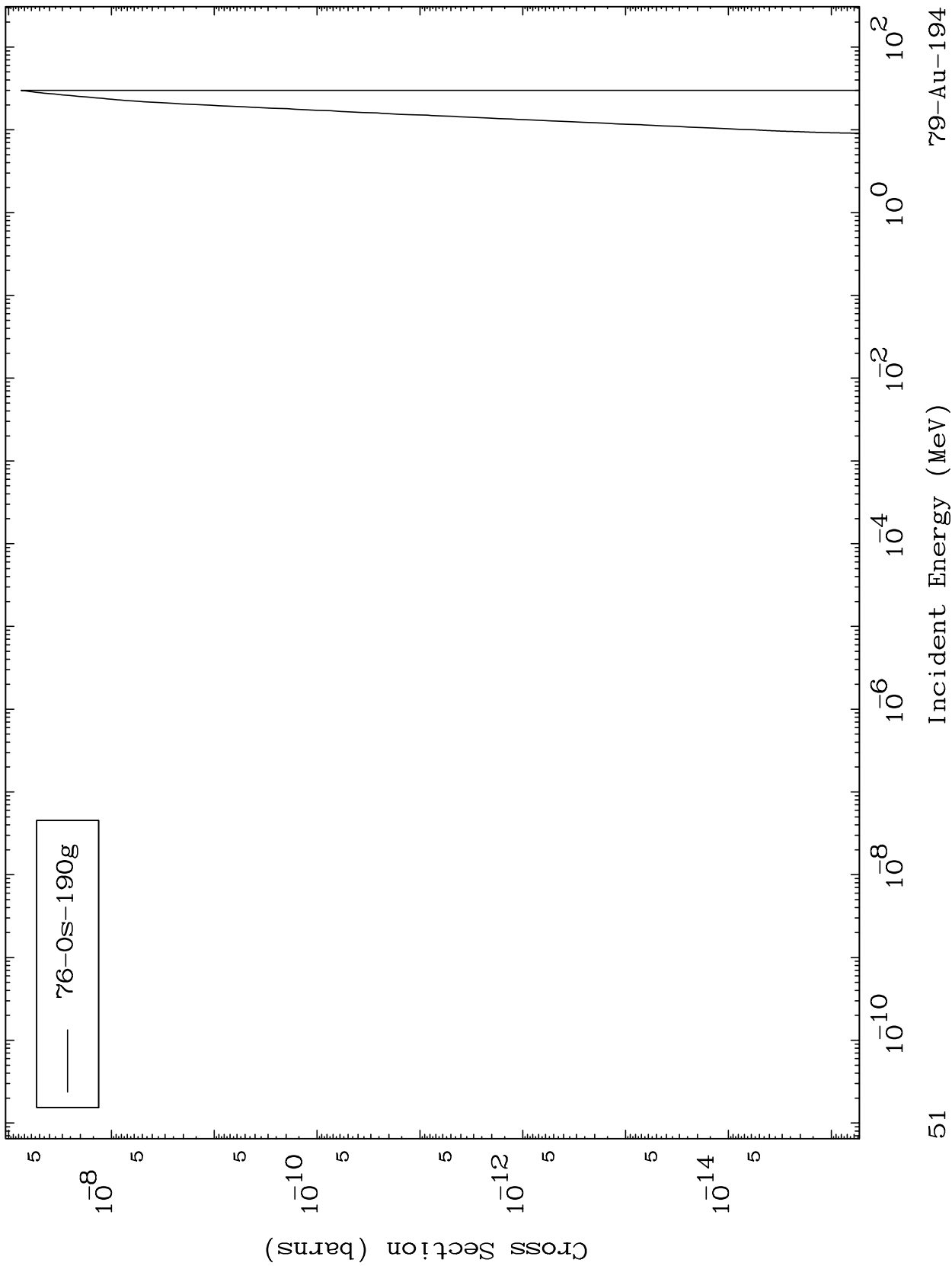
50

MAT 7916

(n,p) α

79-Au-194

Radionuclide Production Cross Section

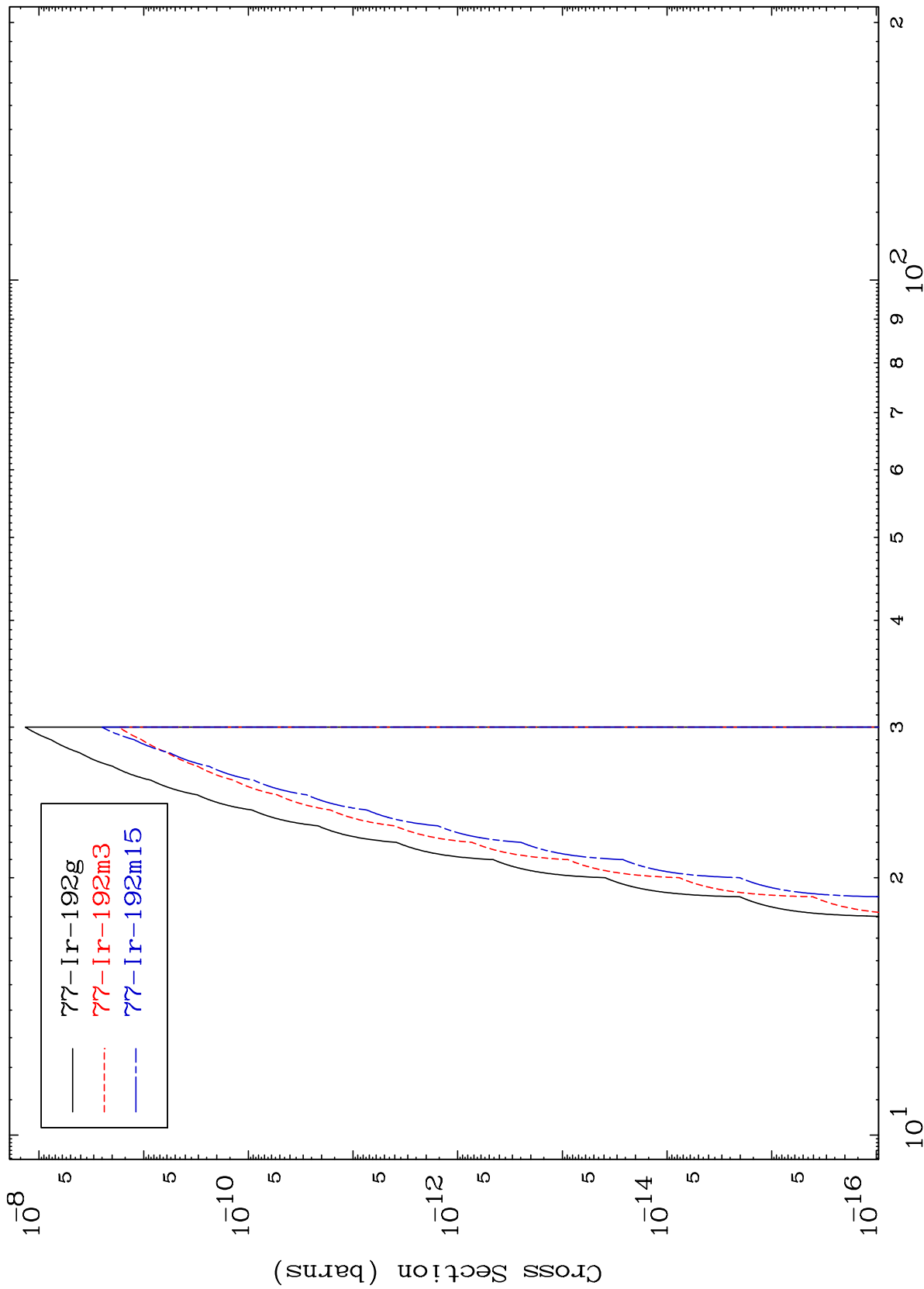


MAT 7916

(n,p) d

79-Au-194

Radionuclide Production Cross Section



52

Incident Energy (MeV)

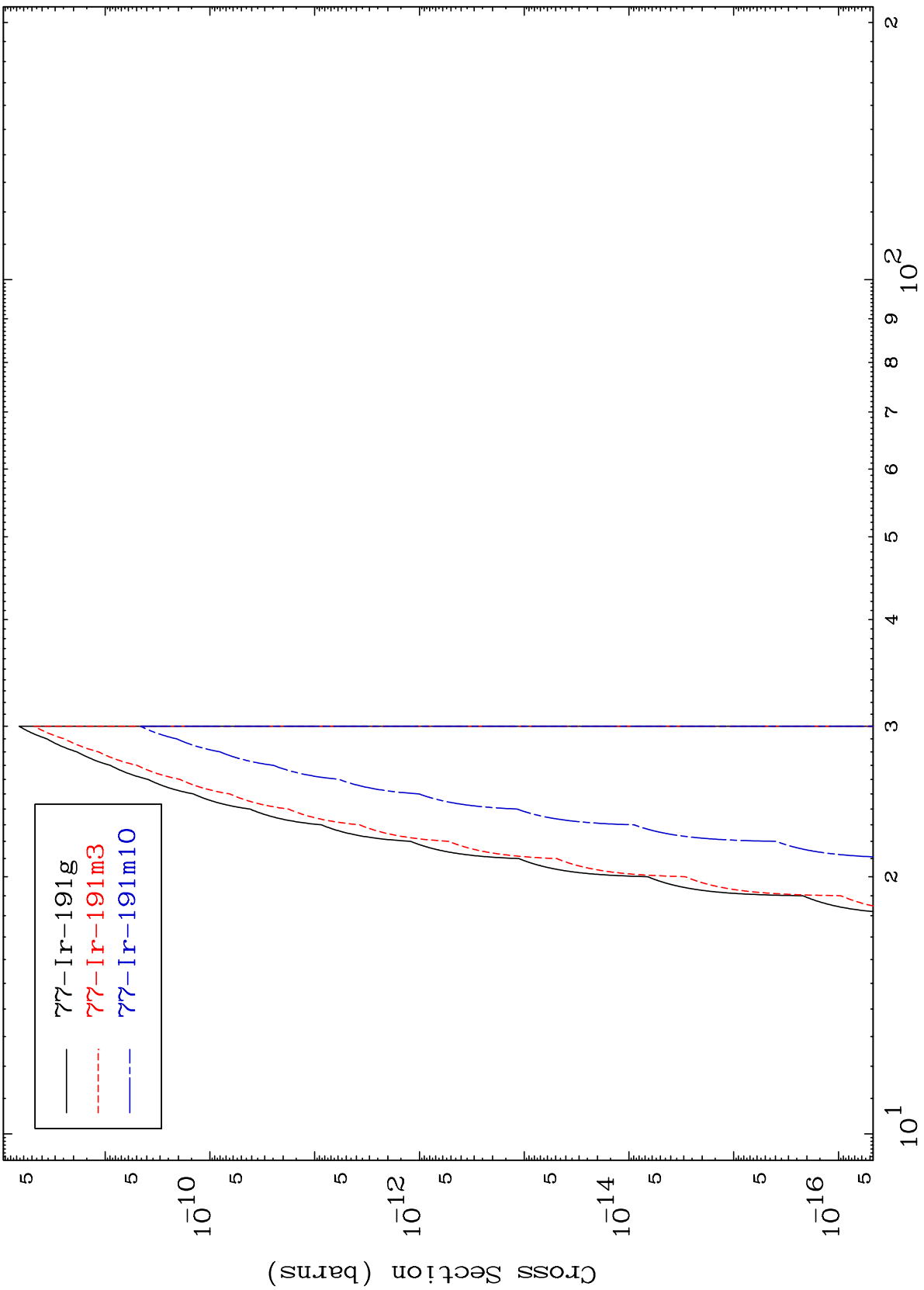
79-Au-194

MAT 7916

(n,p) t

⁷⁹Au-194

Radionuclide Production Cross Section



53

Incident Energy (MeV)

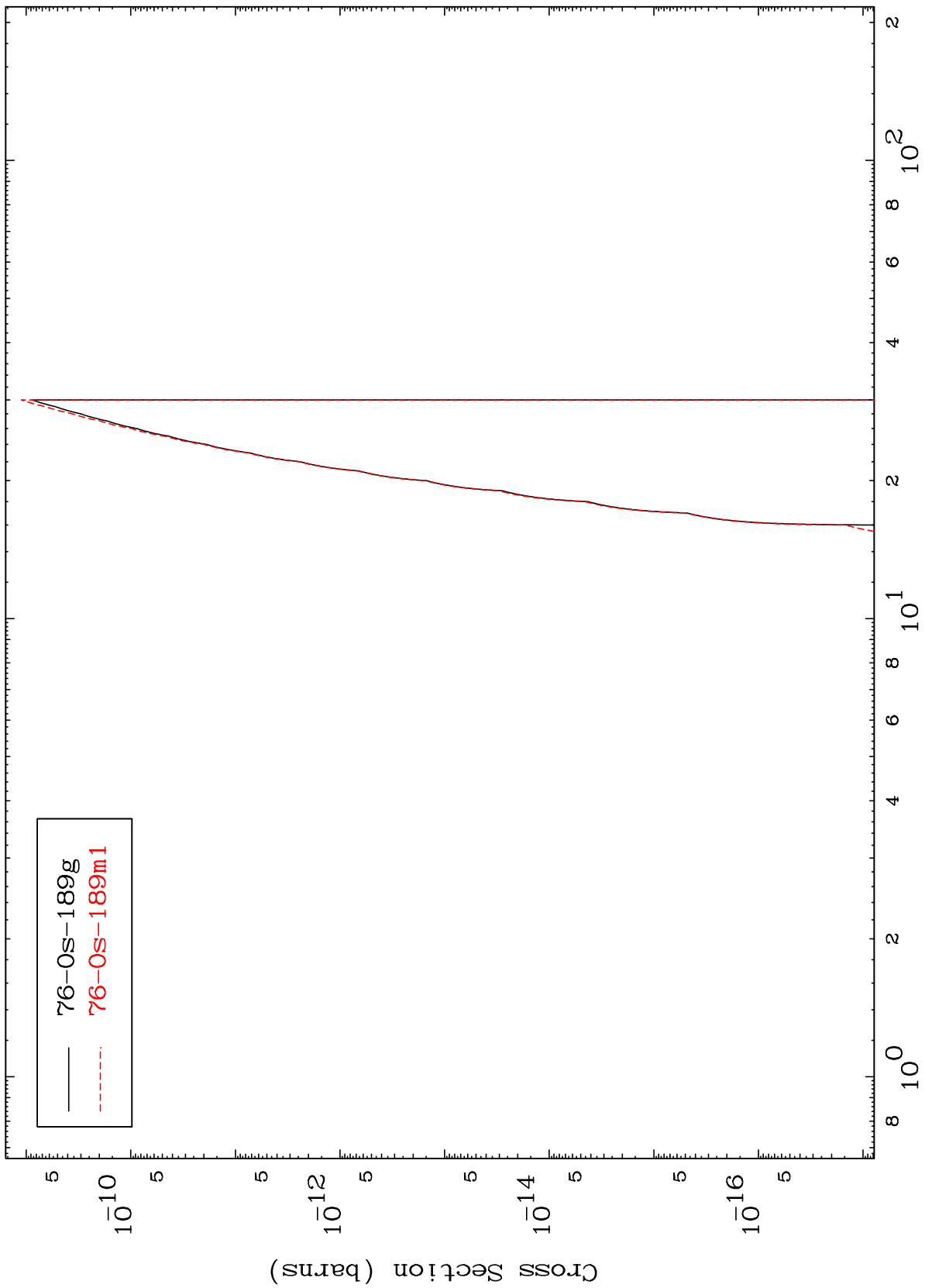
⁷⁹Au-194

MAT 7916

(n,d) α

79-Au-194

Radionuclide Production Cross Section



54

Incident Energy (MeV)

79-Au-194