

Program EVALPLOT  
(Version 2015-2)

by

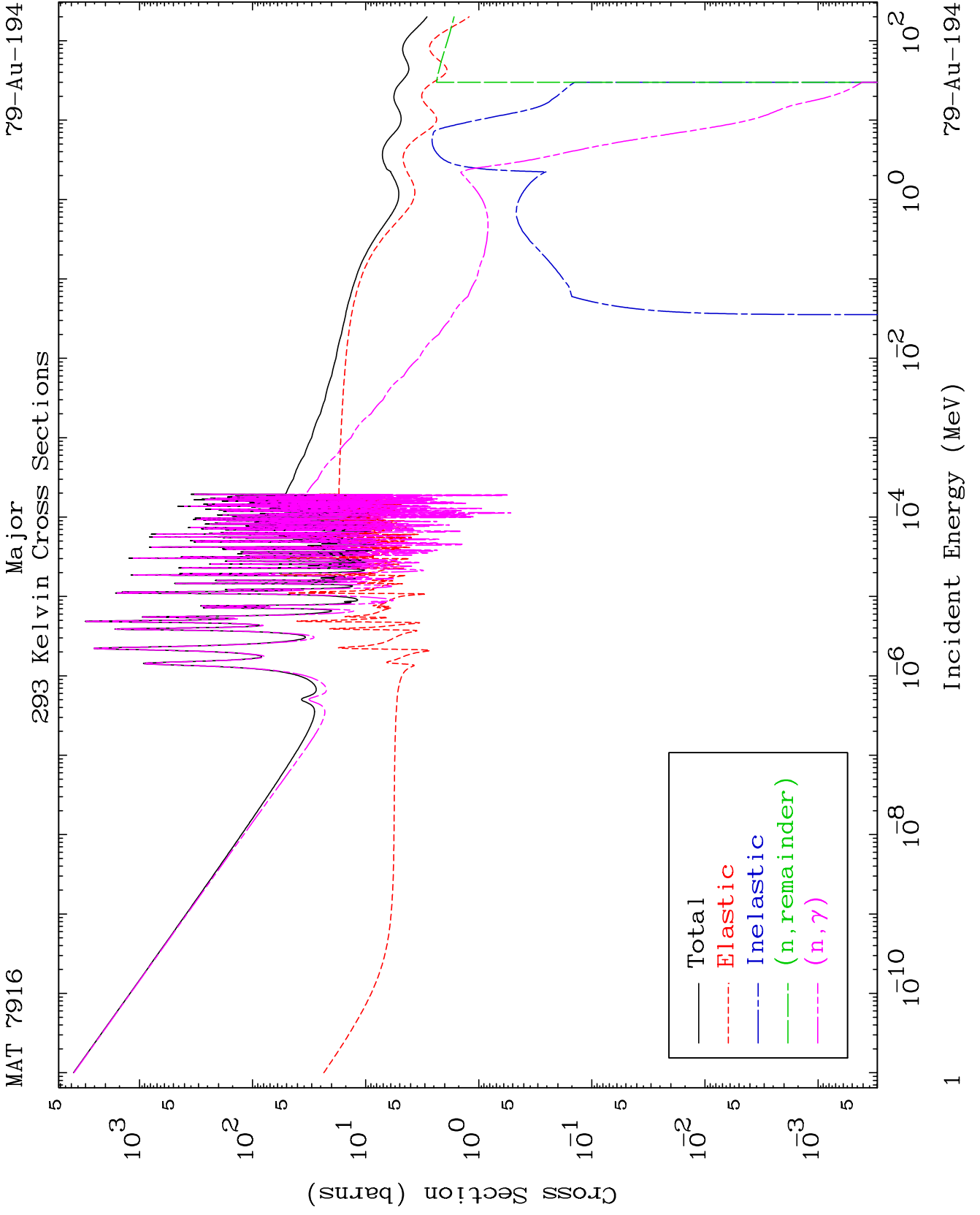
Dermott E. Cullen  
(Present Contact Information)

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

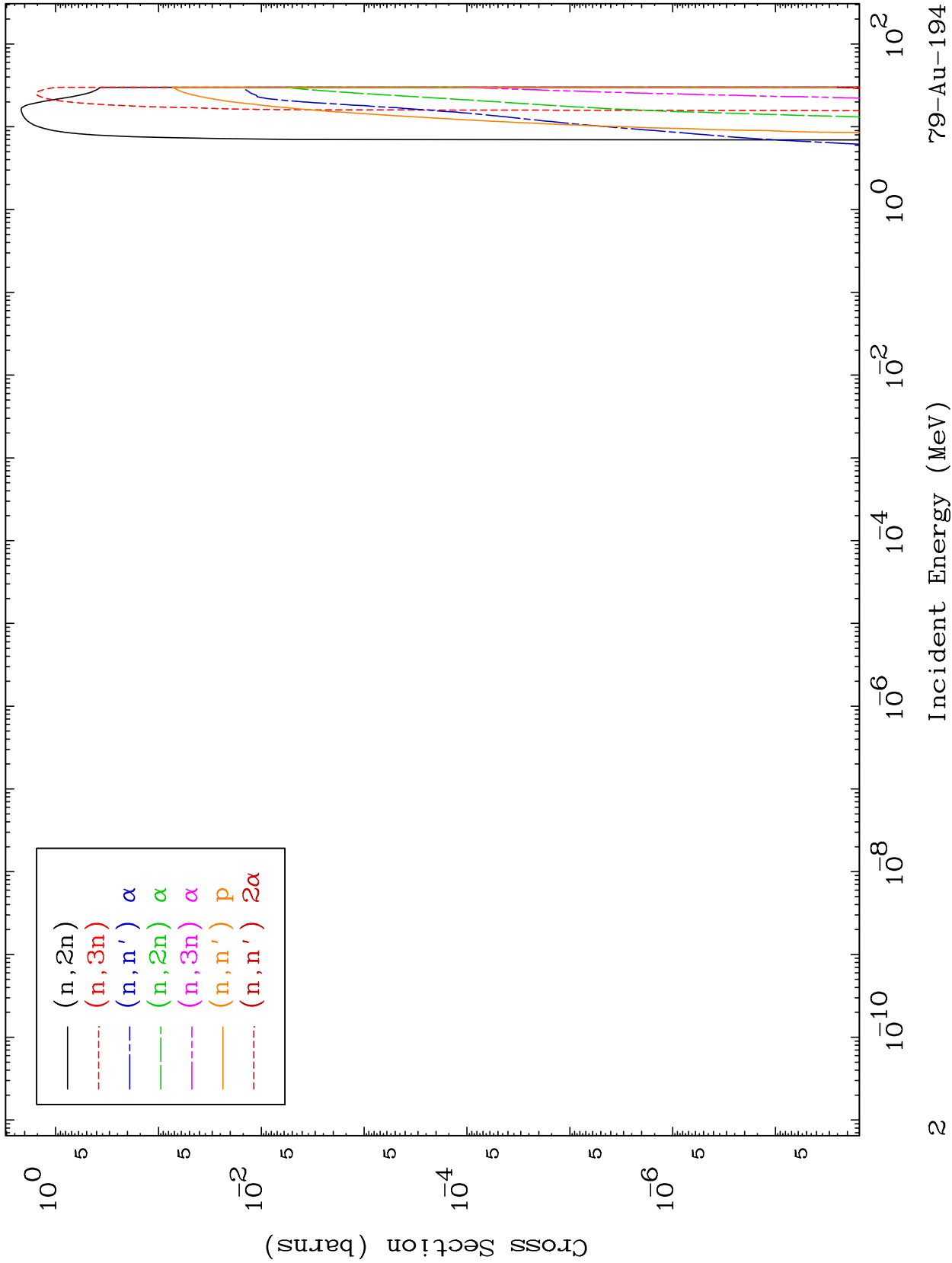
Press Mouse Button to Start

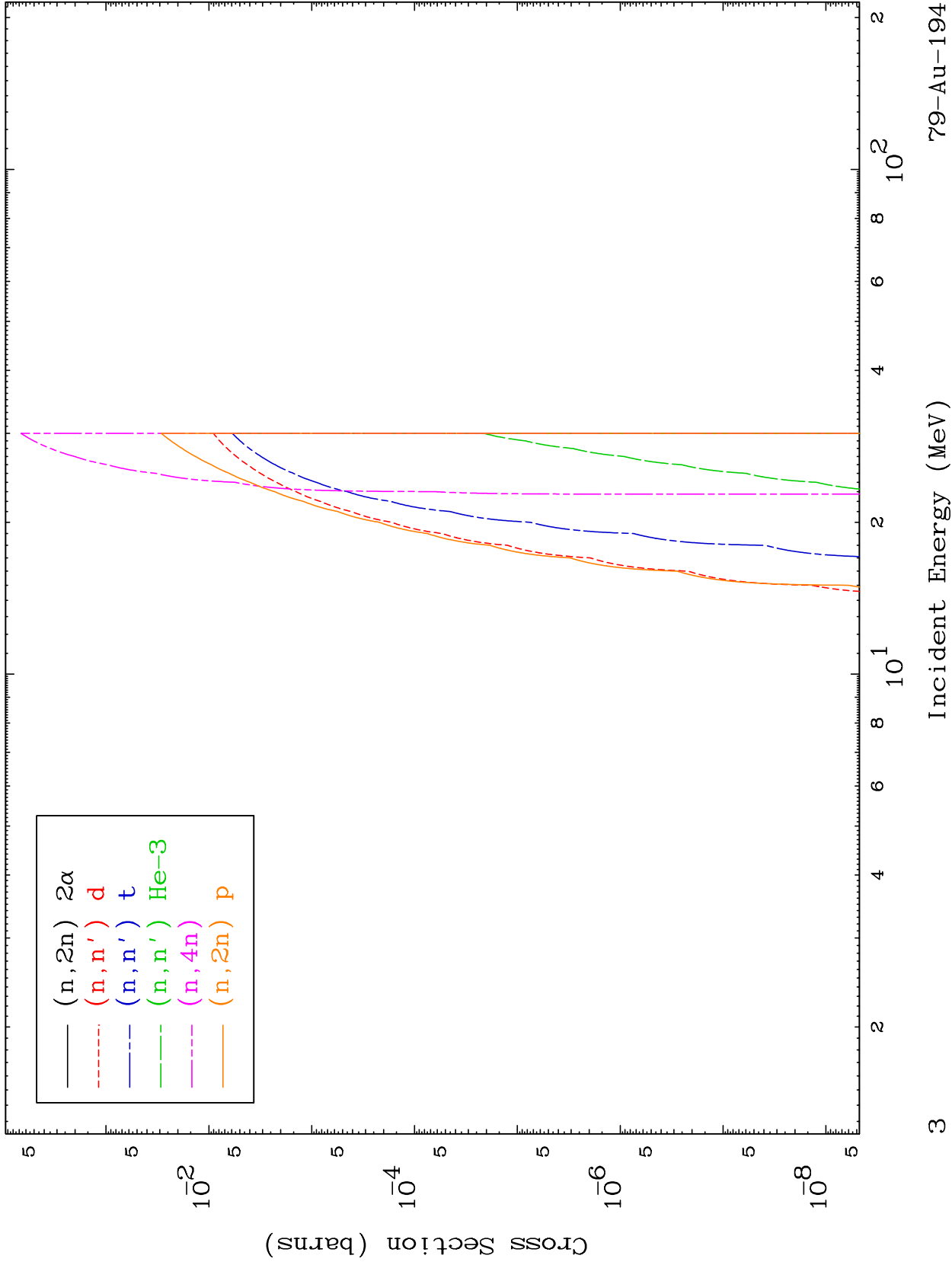


MAT 7916

Neutron Production  
293 Kelvin Cross Sections

79-Au-194

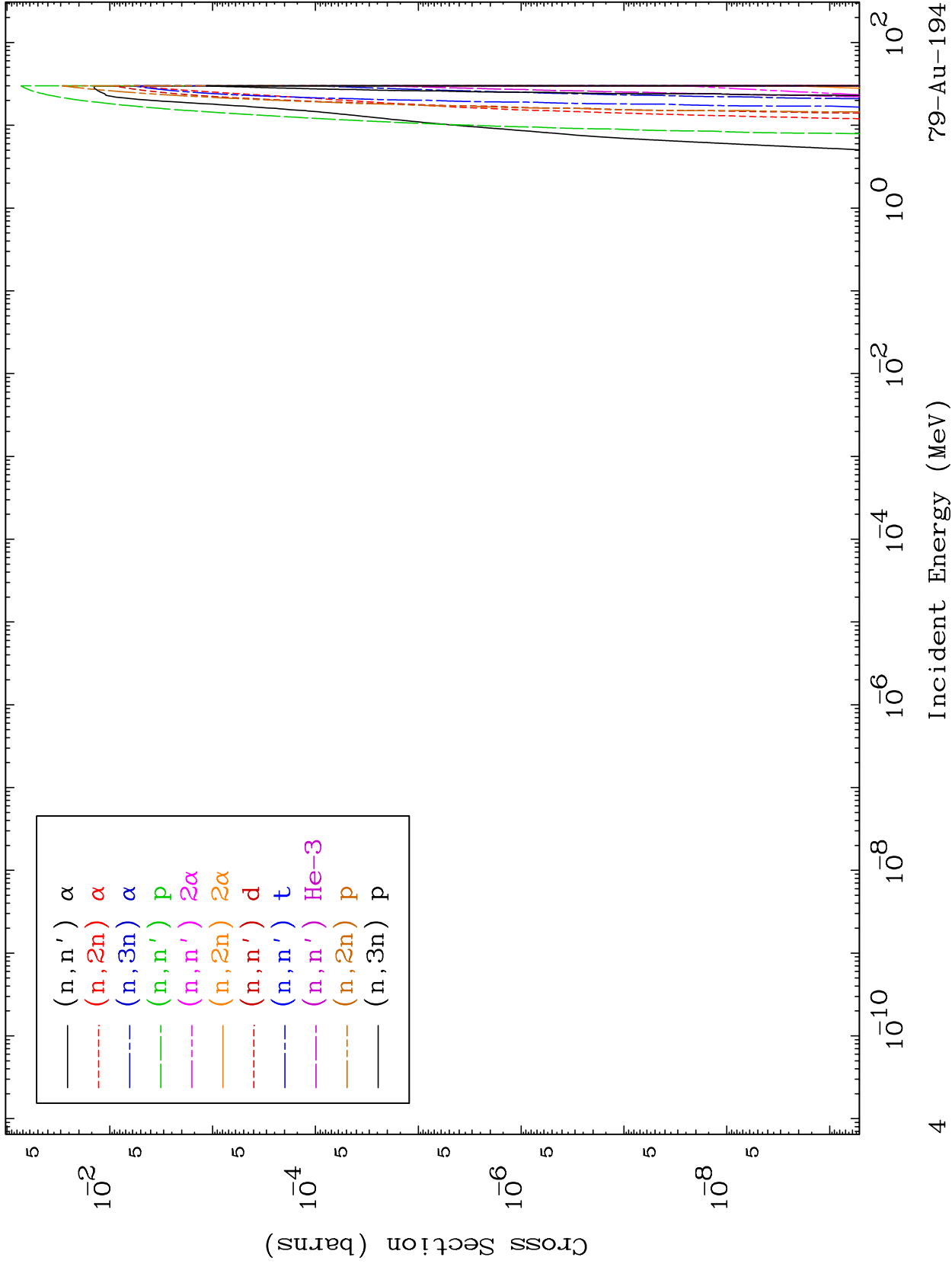


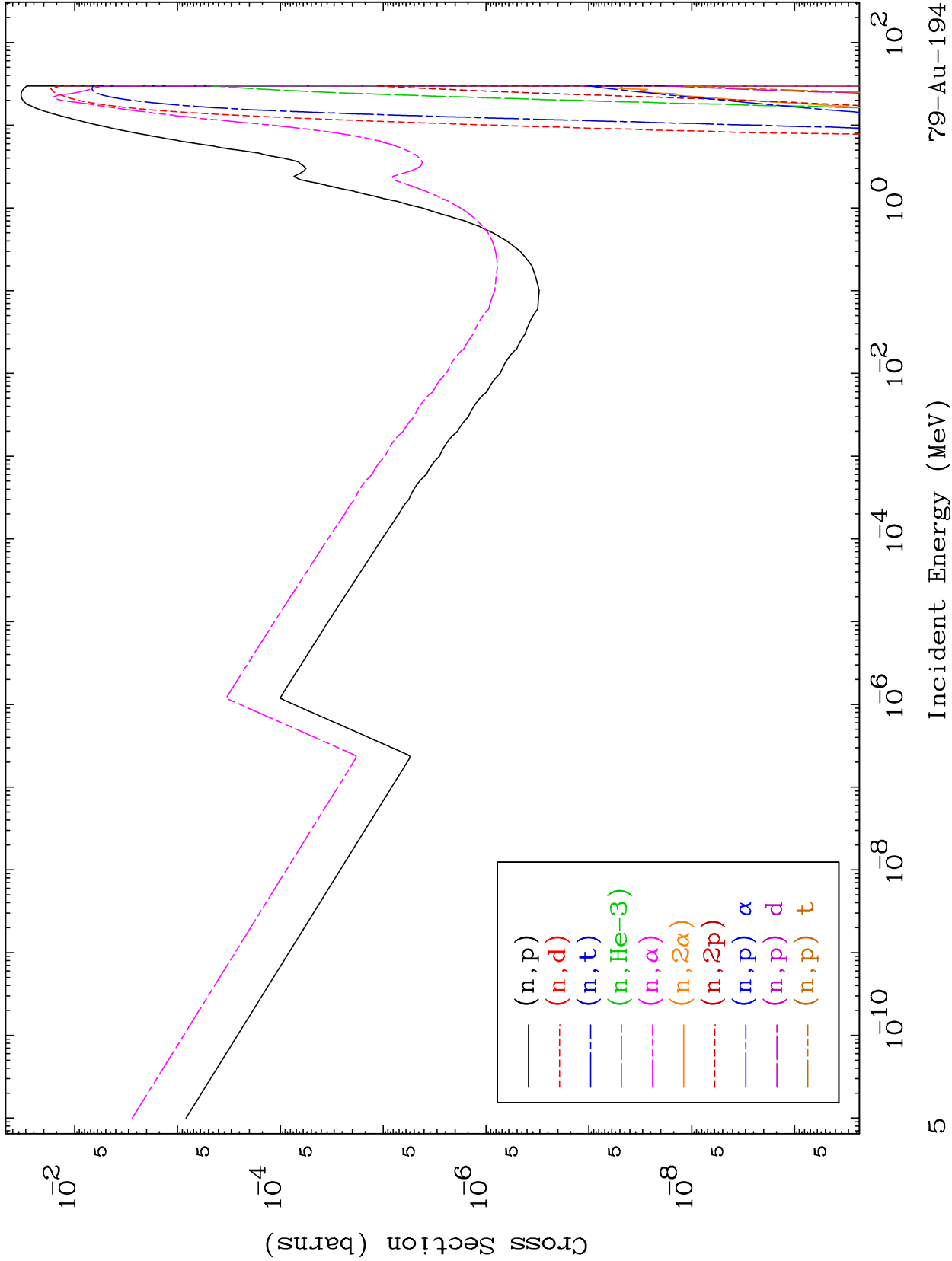


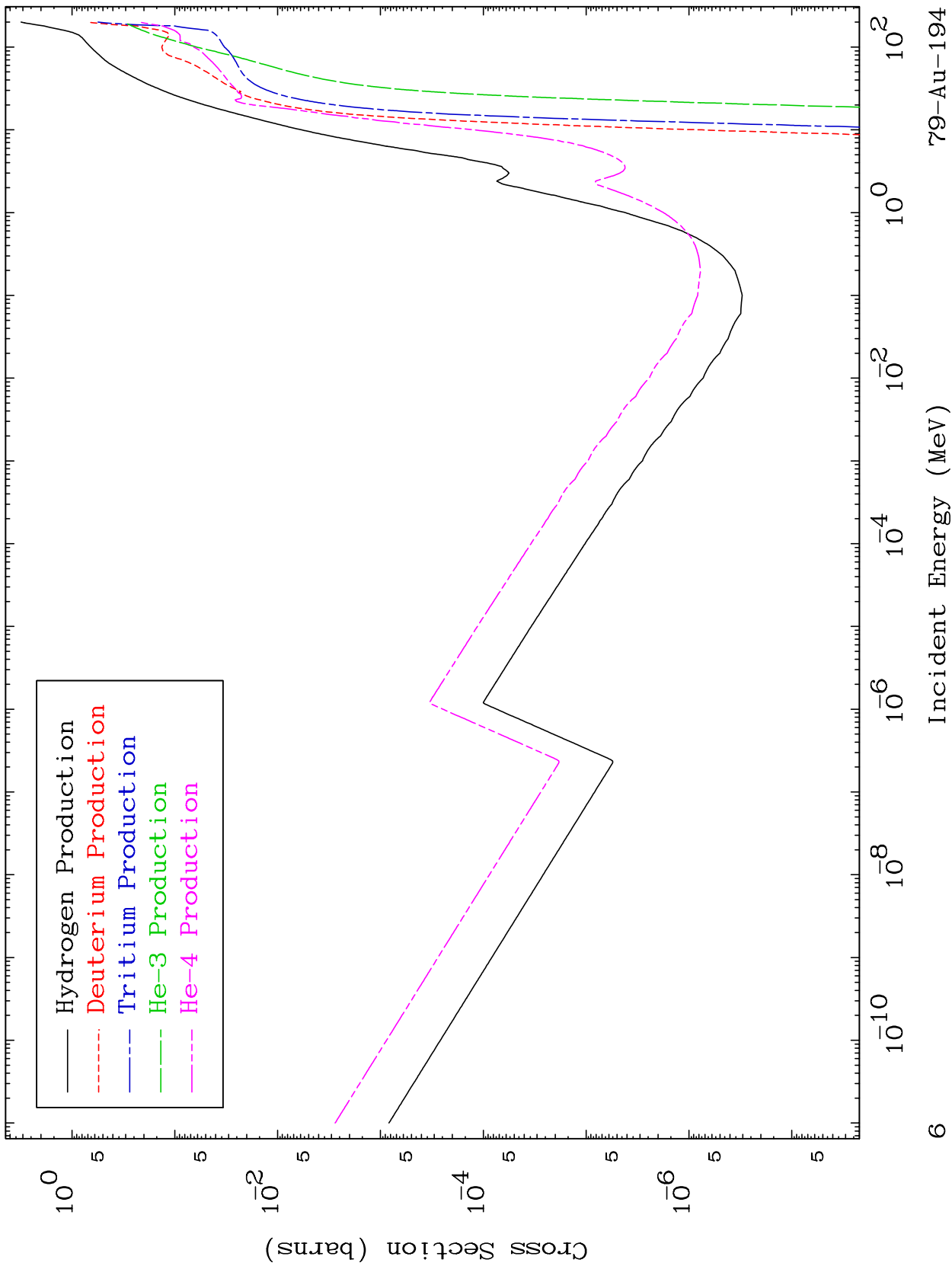
MAT 7916

Charged Particle  
293 Kelvin Cross Sections

79-Au-194



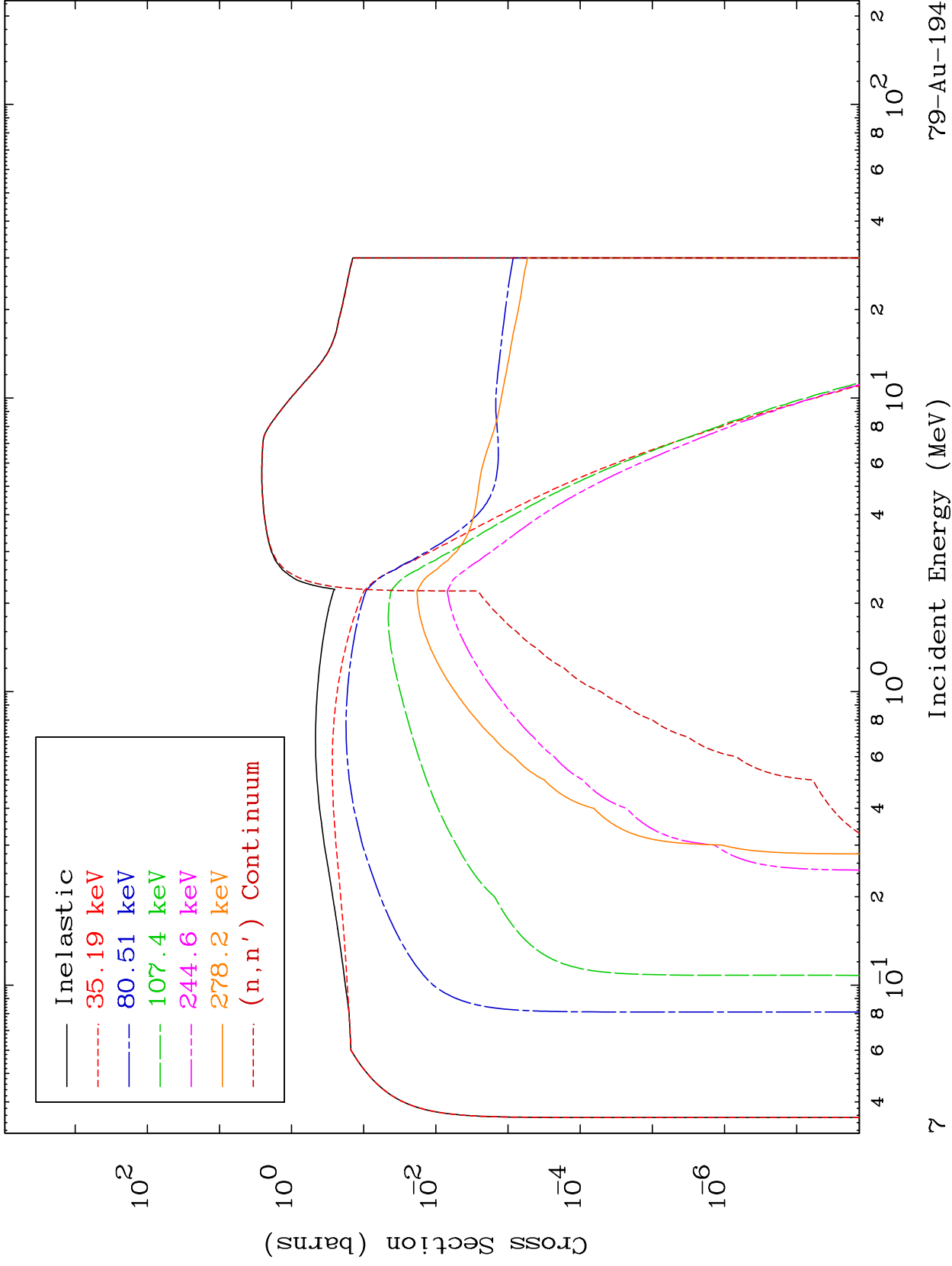




MAT 7916

(n,n') Level  
293 Kelvin Cross Sections

79-Au-194

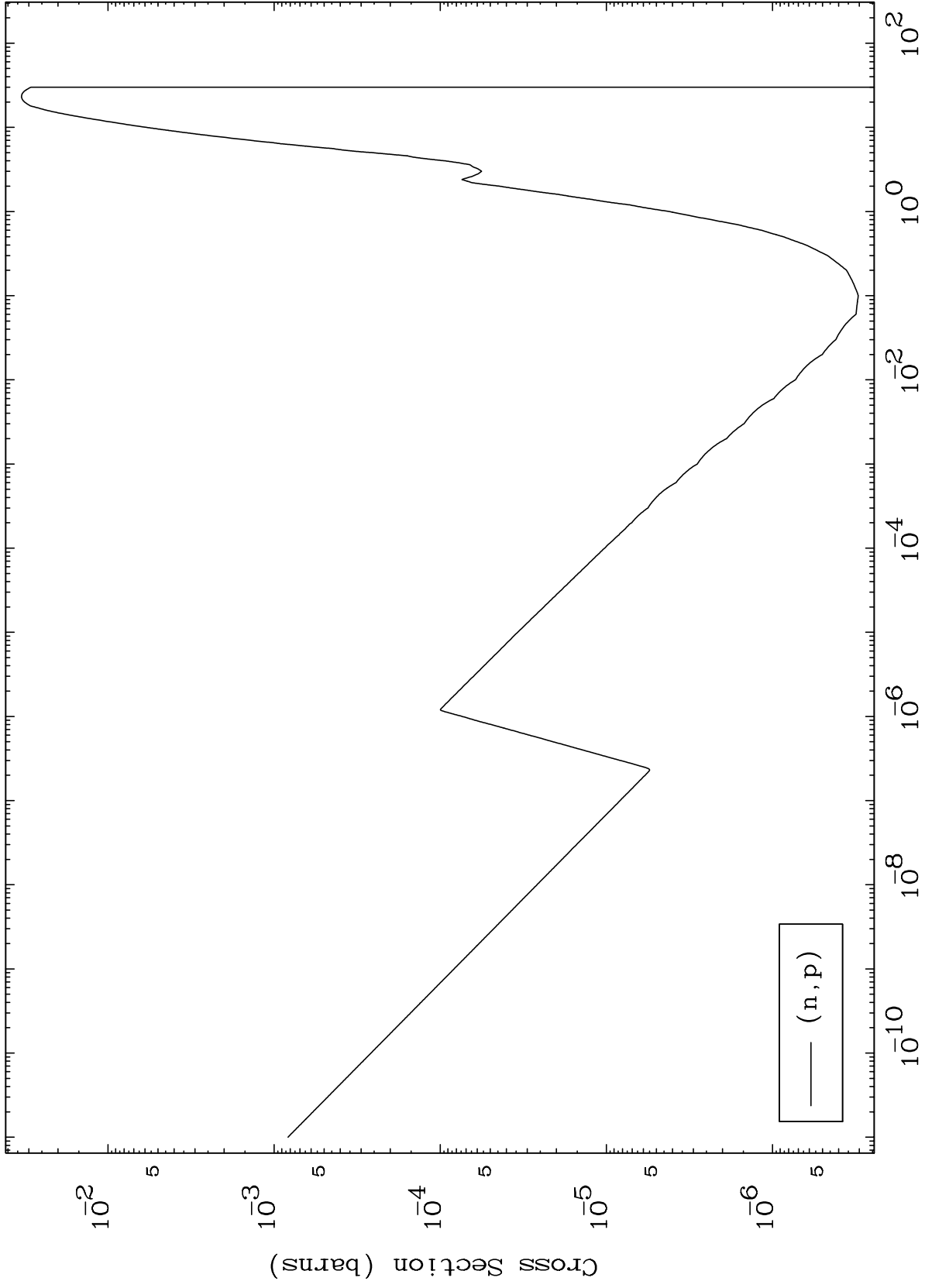




MAT 7916

(n,p) Levels  
293 Kelvin Cross Sections

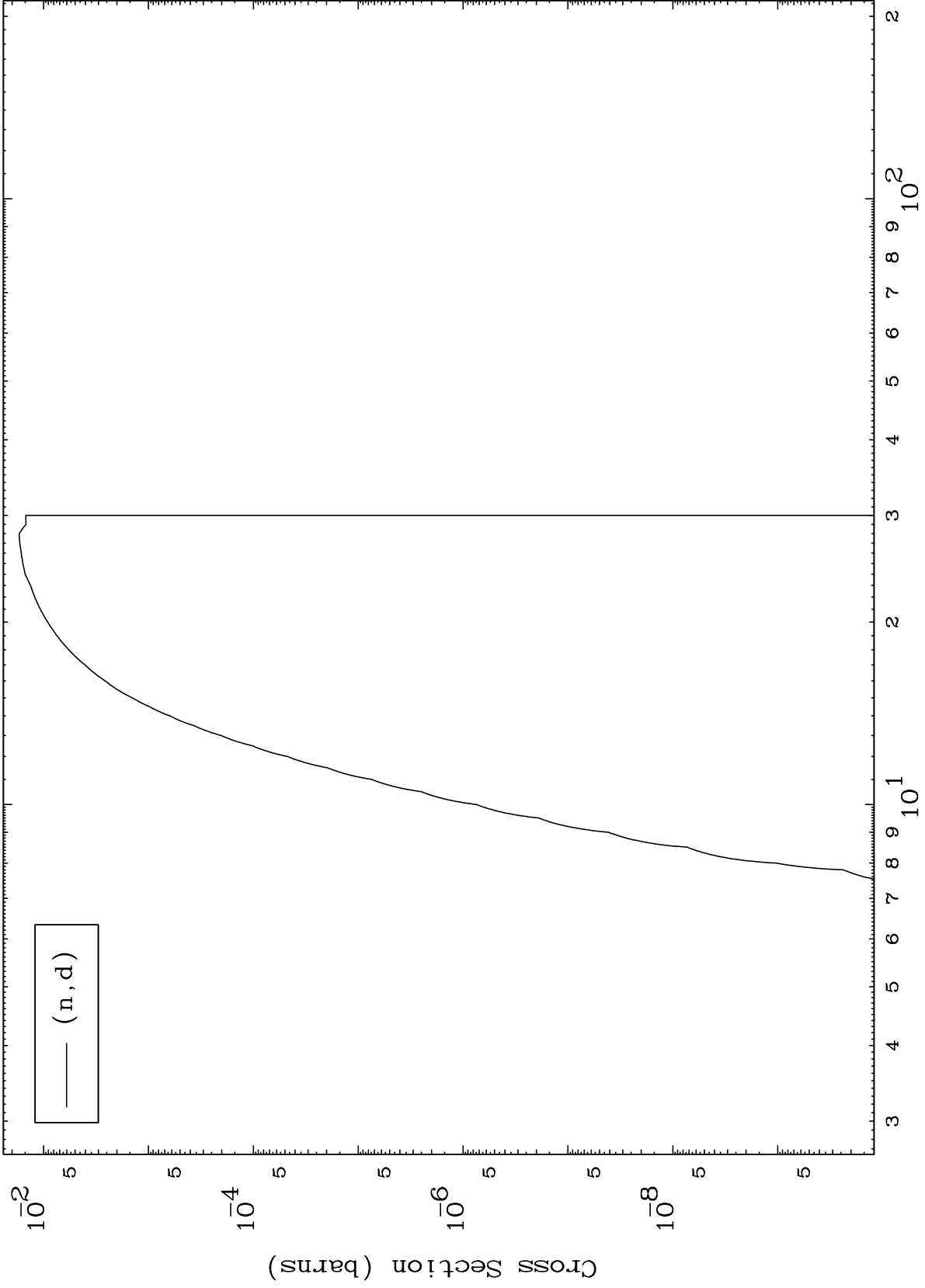
79-Au-194



MAT 7916

(n,d) Levels  
293 Kelvin Cross Sections

79-Au-194

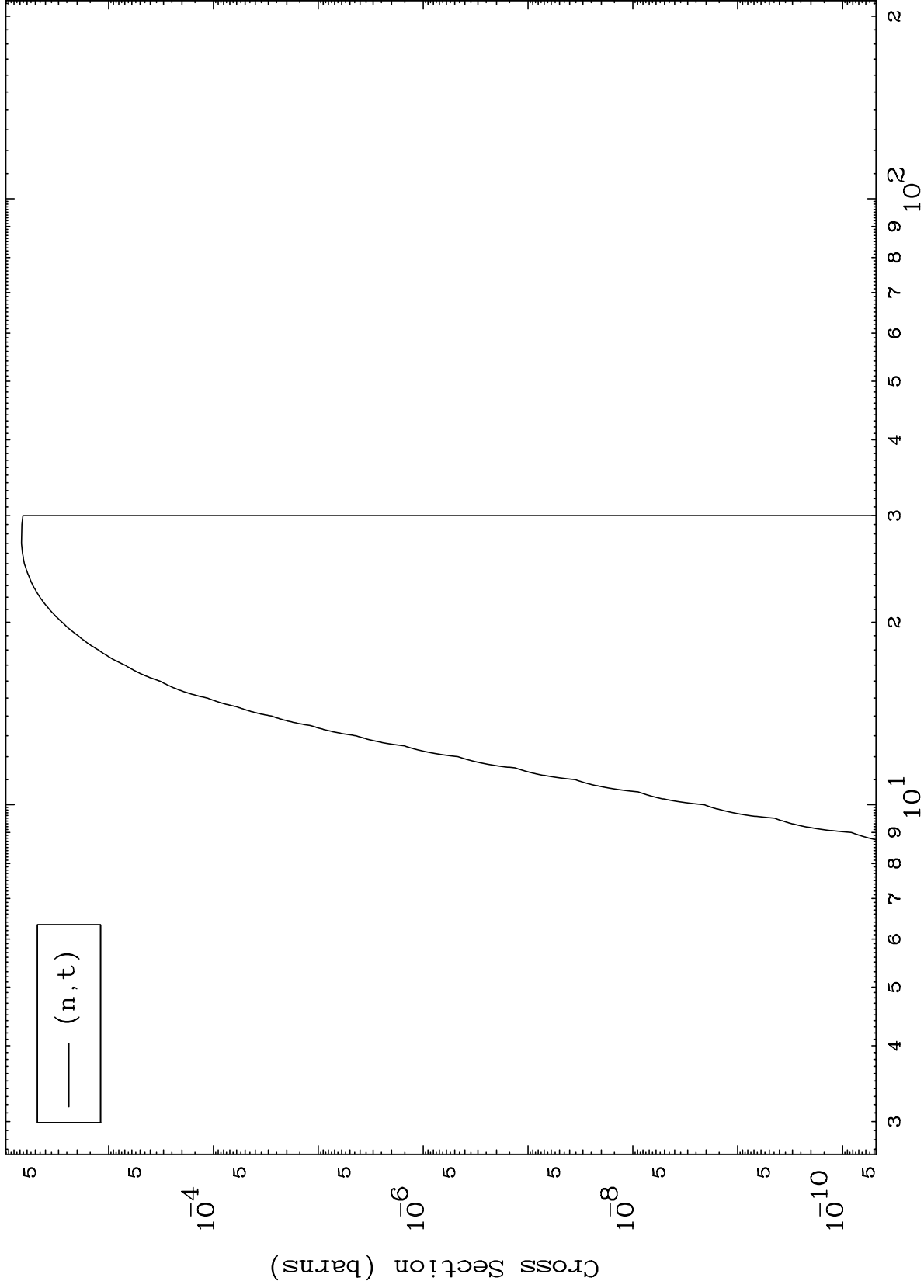


(n,d)

MAT 7916

(n,t) Levels  
293 Kelvin Cross Sections

79-Au-194



(n,t)

Incident Energy (MeV)

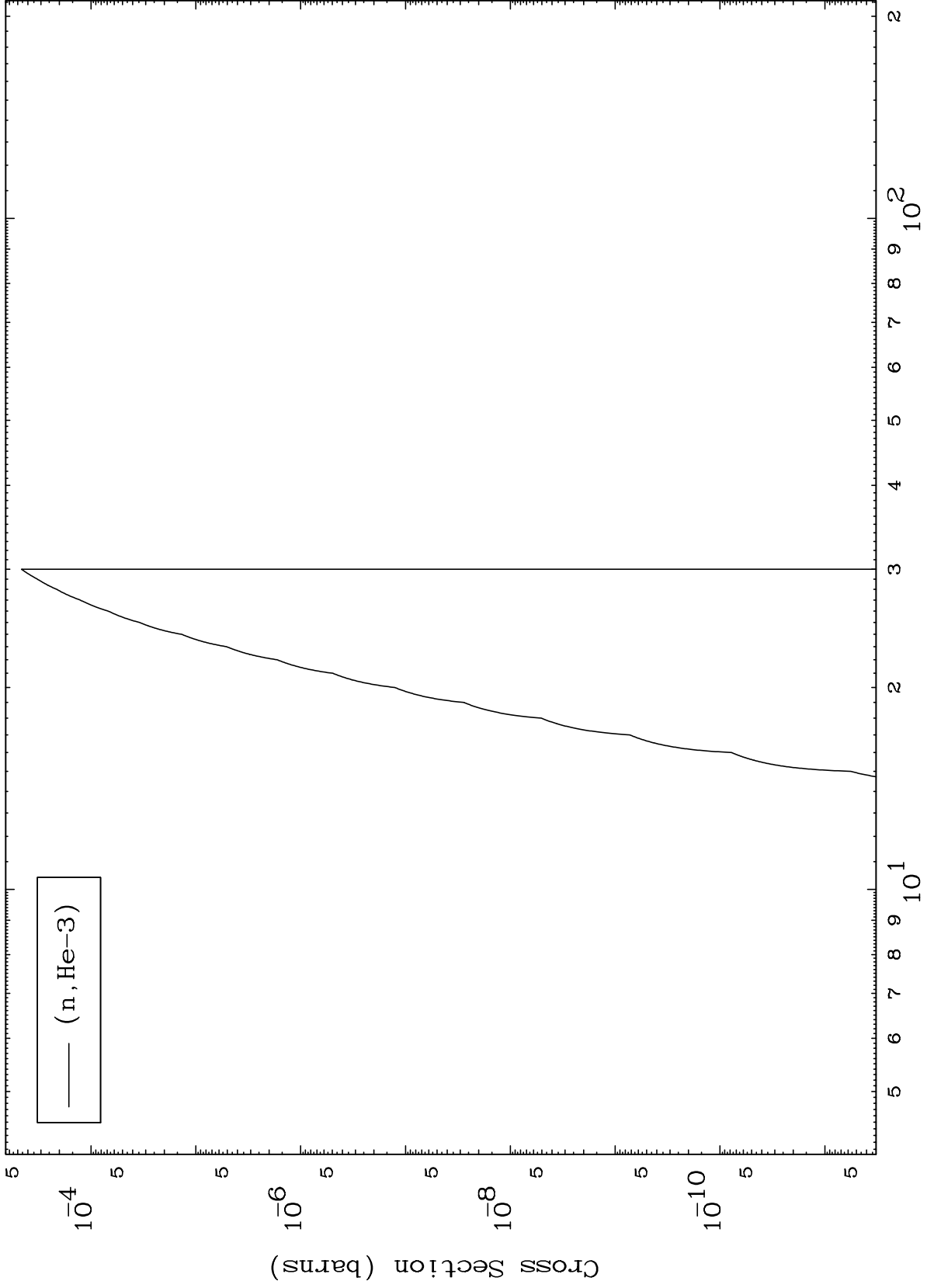
79-Au-194

10

MAT 7916

(n,He3) Levels  
293 Kelvin Cross Sections

79-Au-194



11

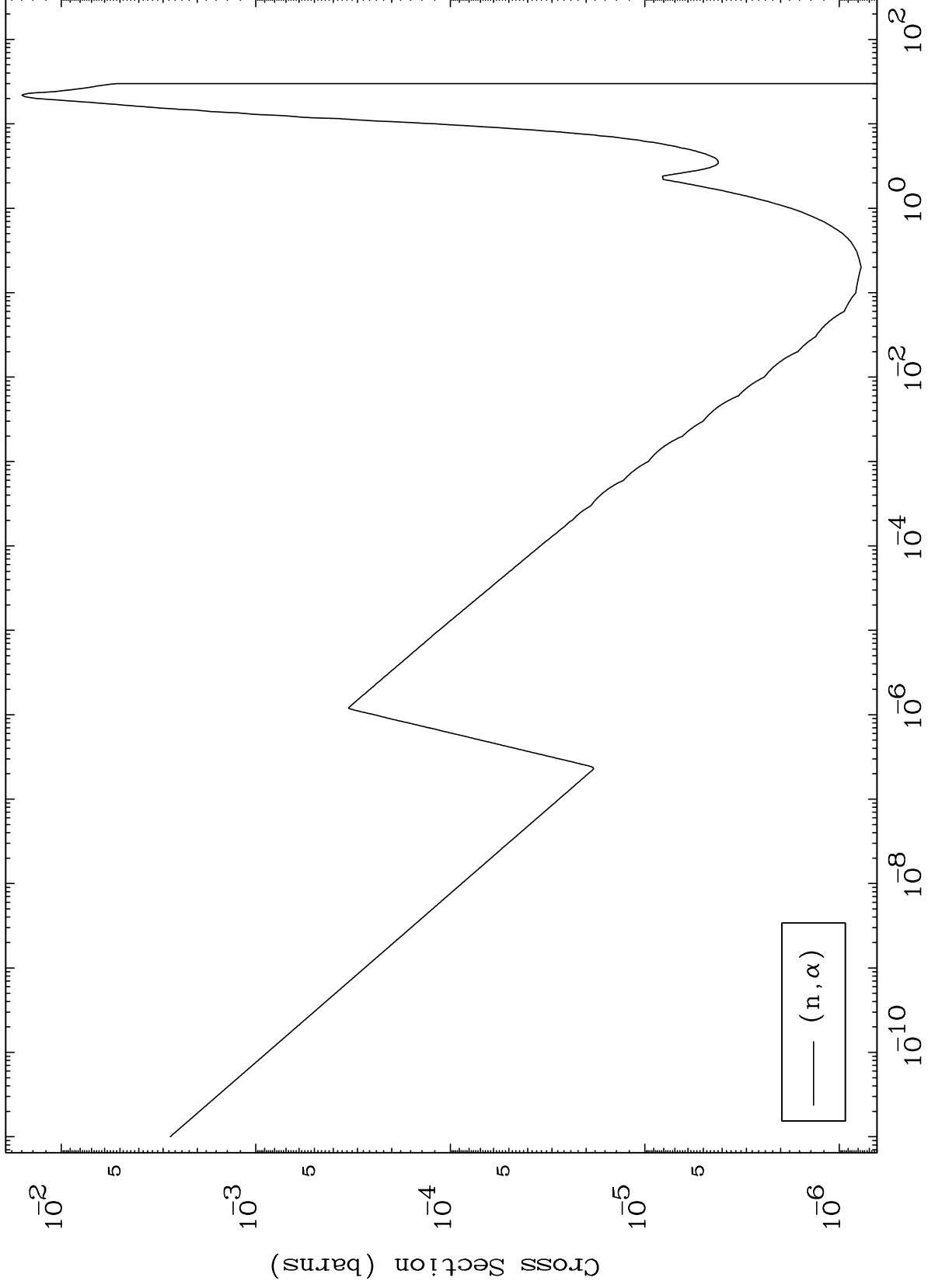
Incident Energy (MeV)

79-Au-194

MAT 7916

(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

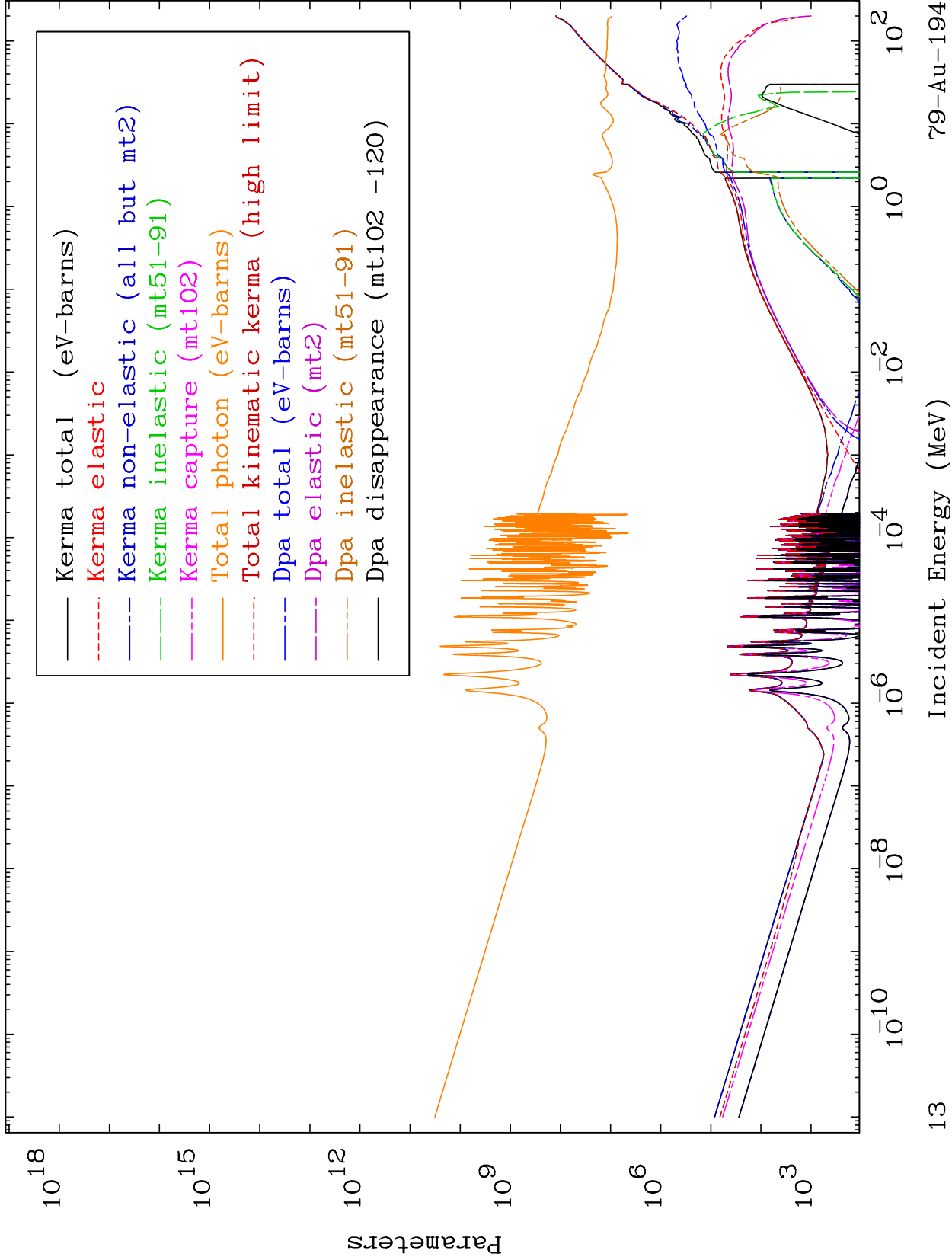
79-Au-194

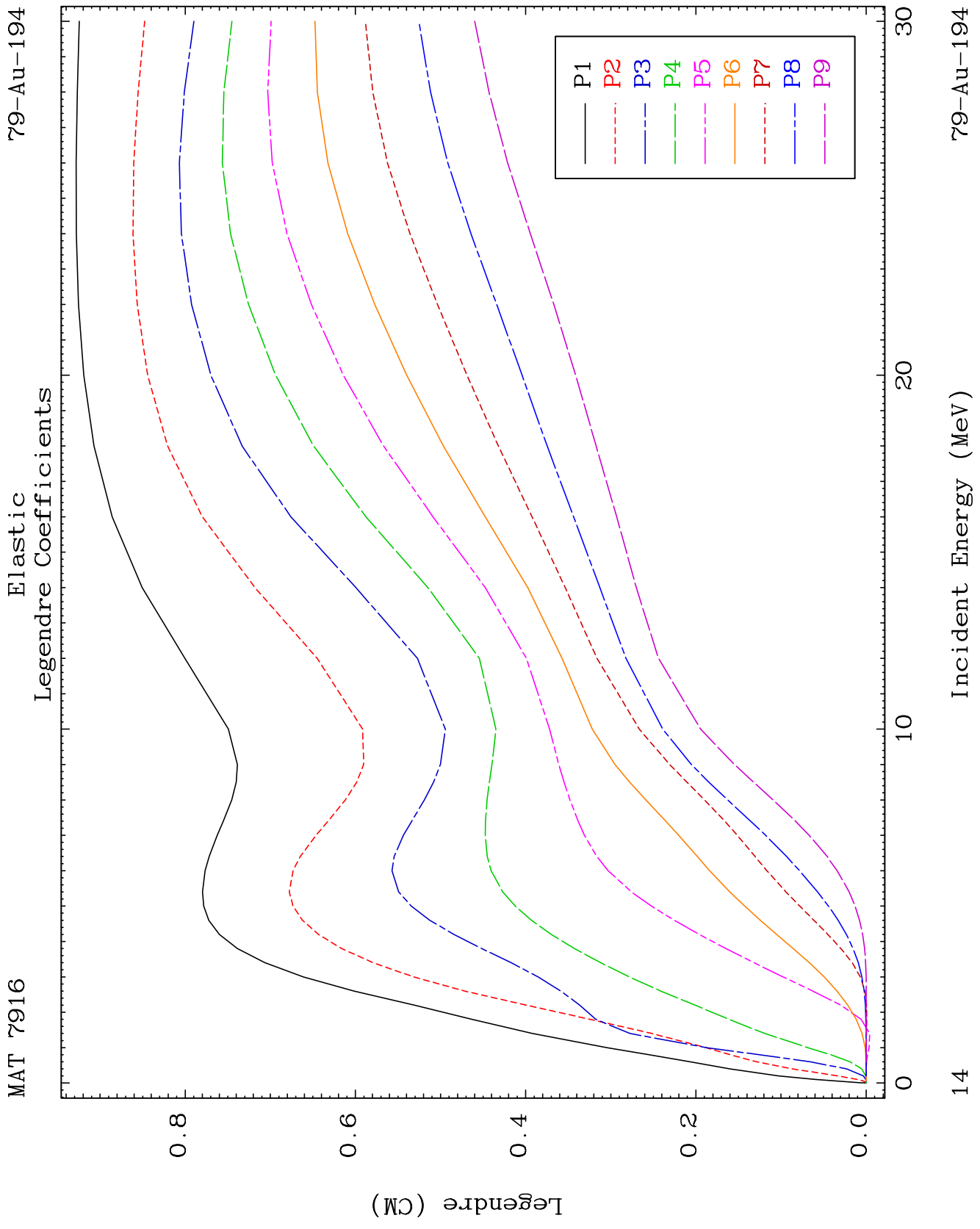


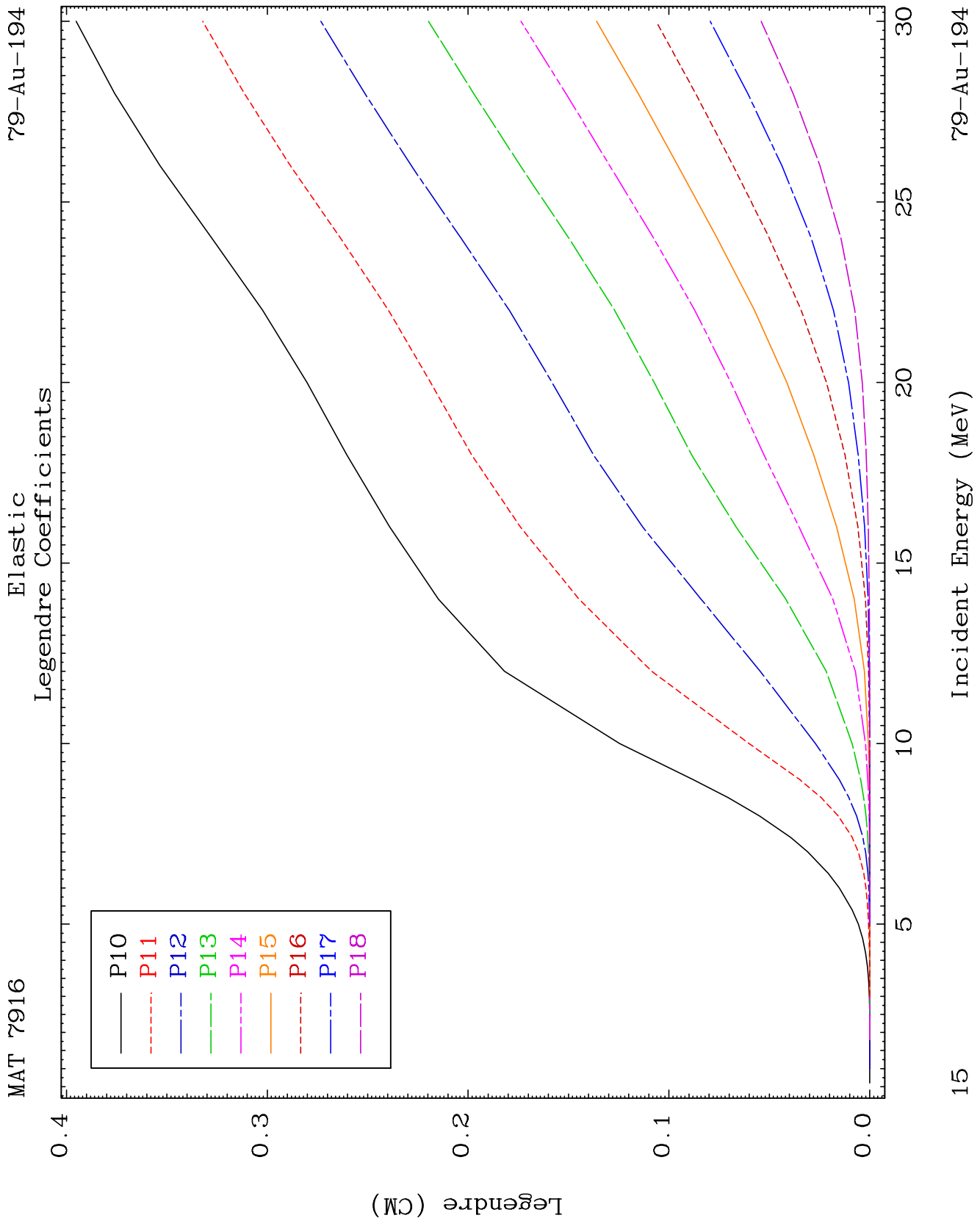
12

Incident Energy (MeV)

79-Au-194





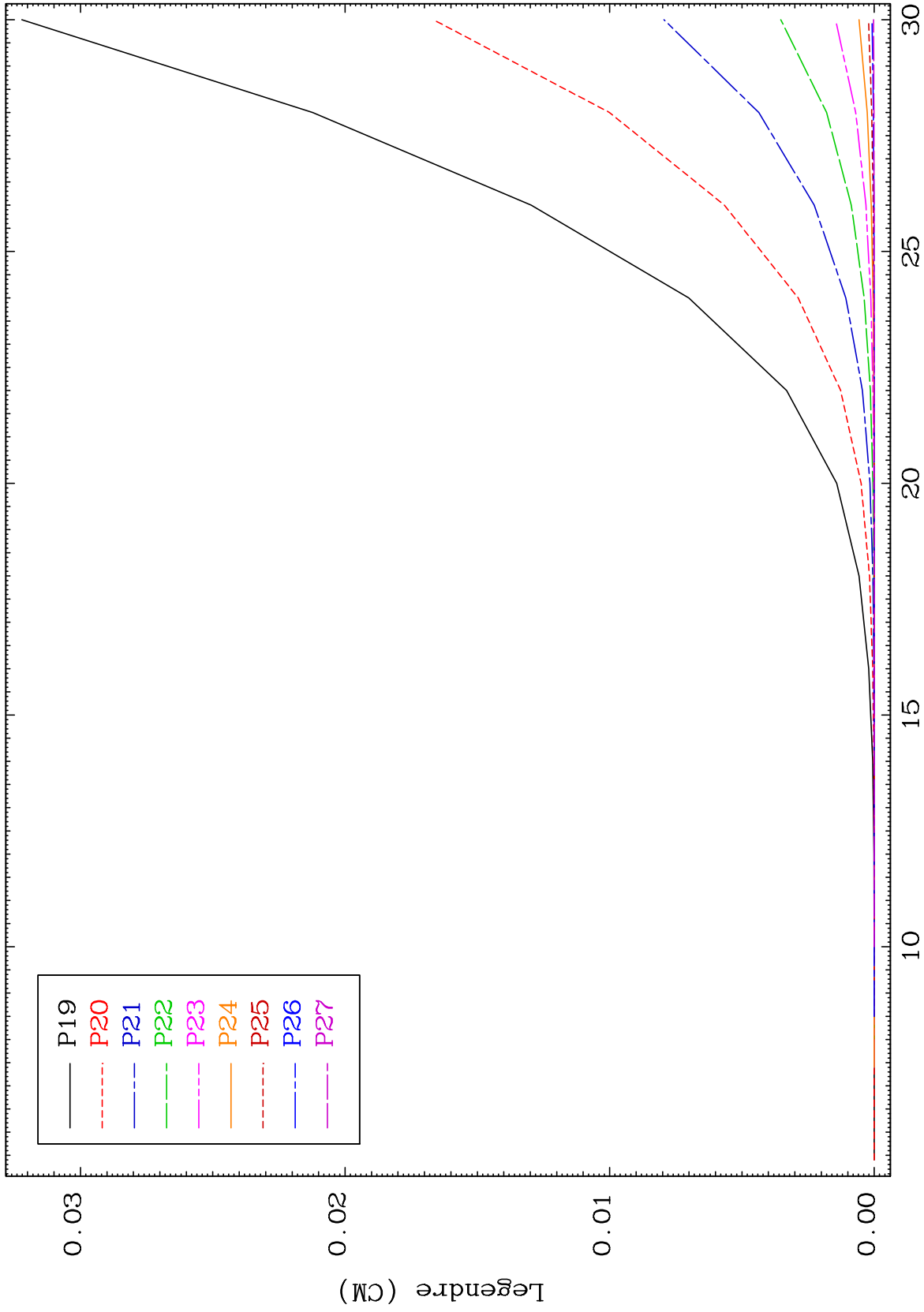




MAT 7916

### Elastic Legendre Coefficients

79-Au-194



16

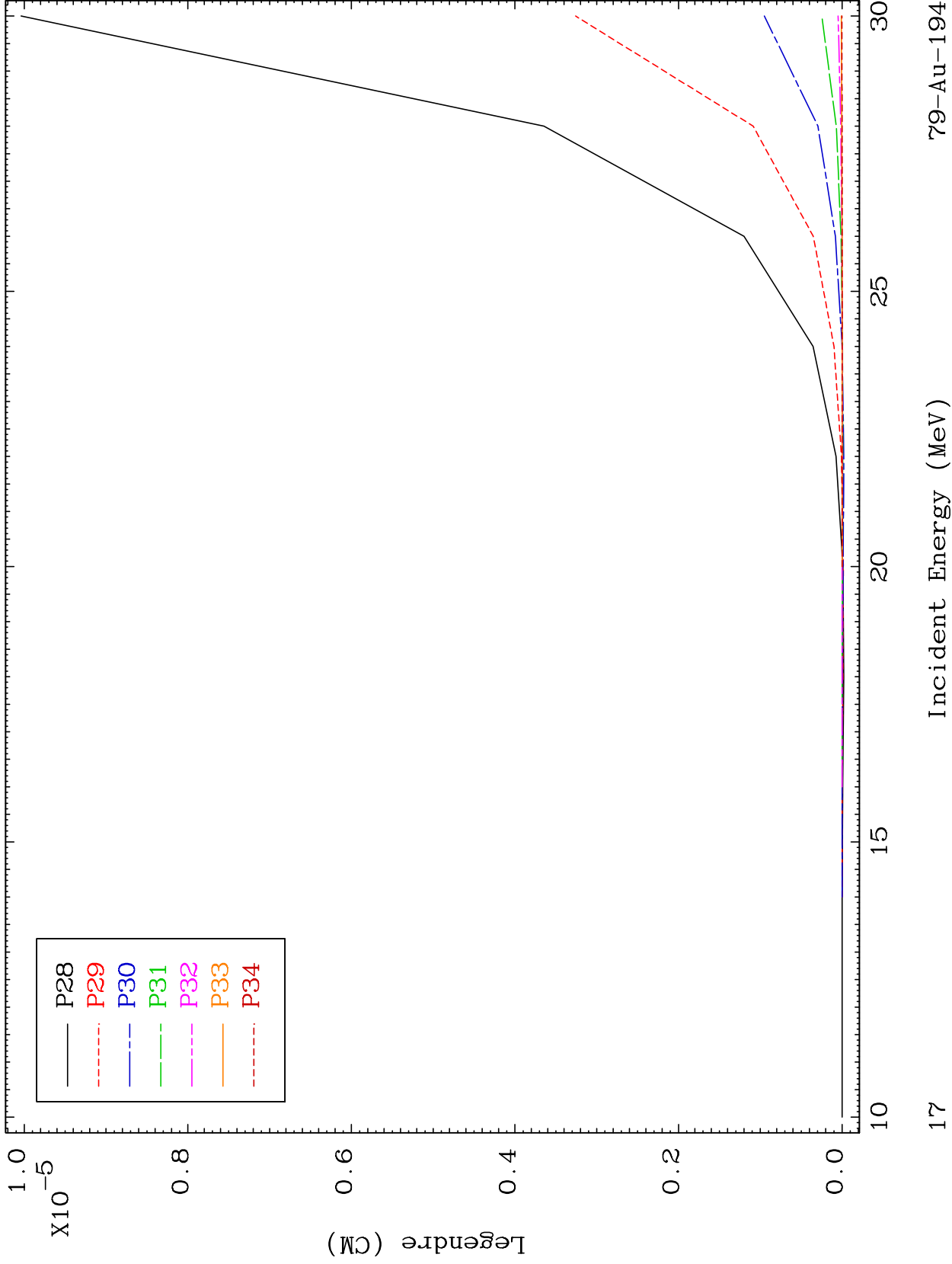
Incident Energy (MeV)

79-Au-194

MAT 7916

Elastic  
Legendre Coefficients

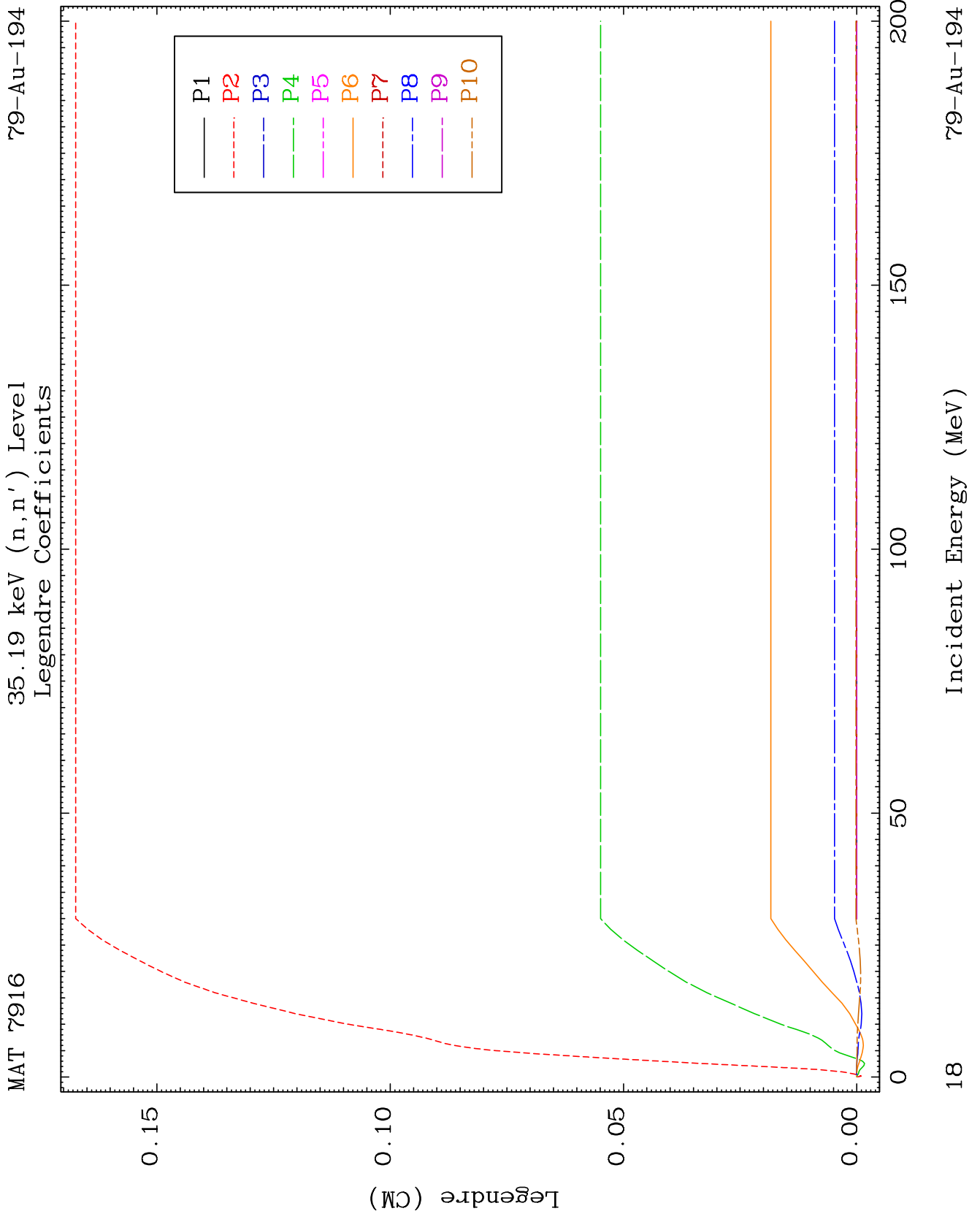
79-Au-194



79-Au-194

Incident Energy (MeV)

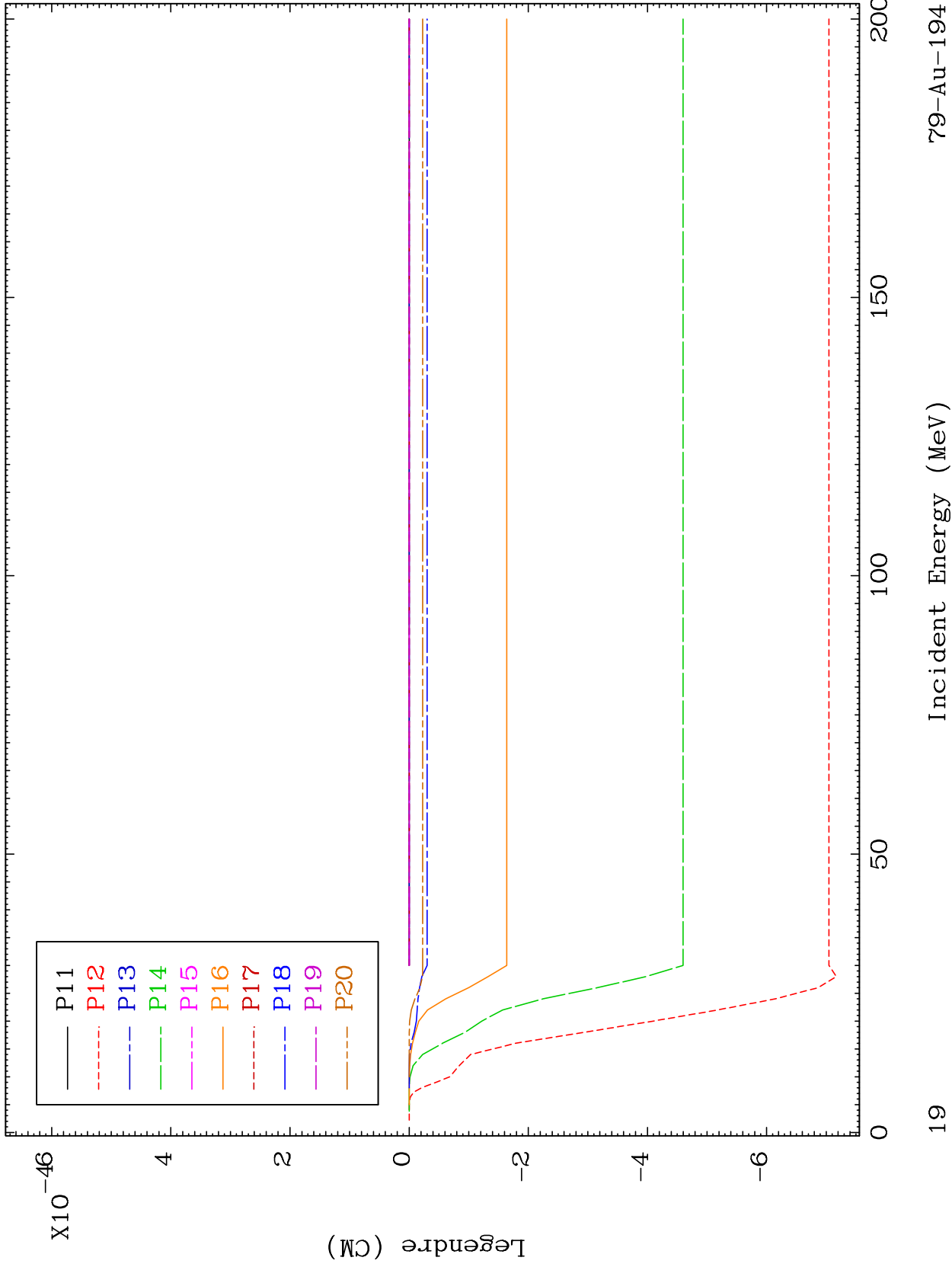
17



MAT 7916

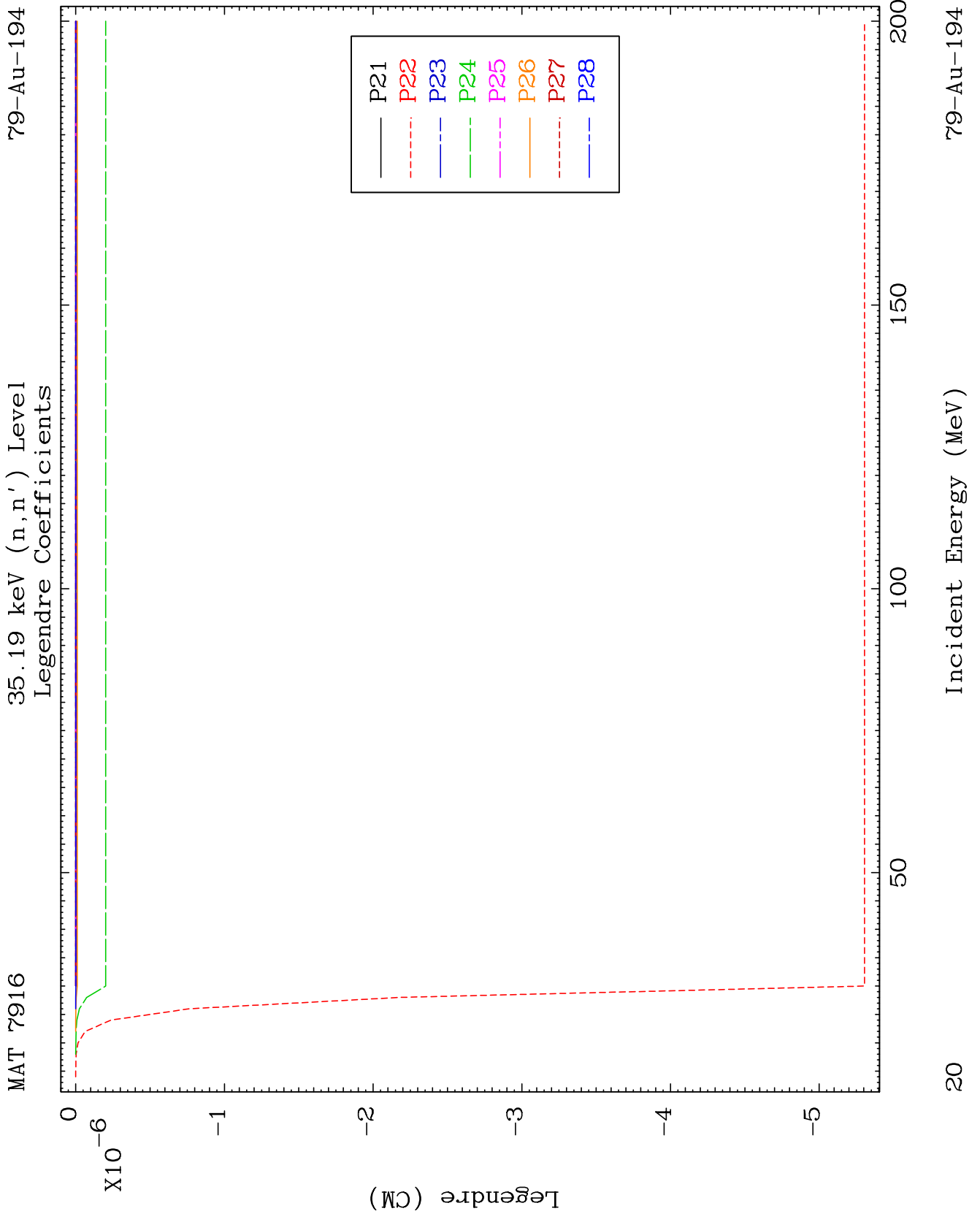
35.19 keV (n,n') Level  
Legendre Coefficients

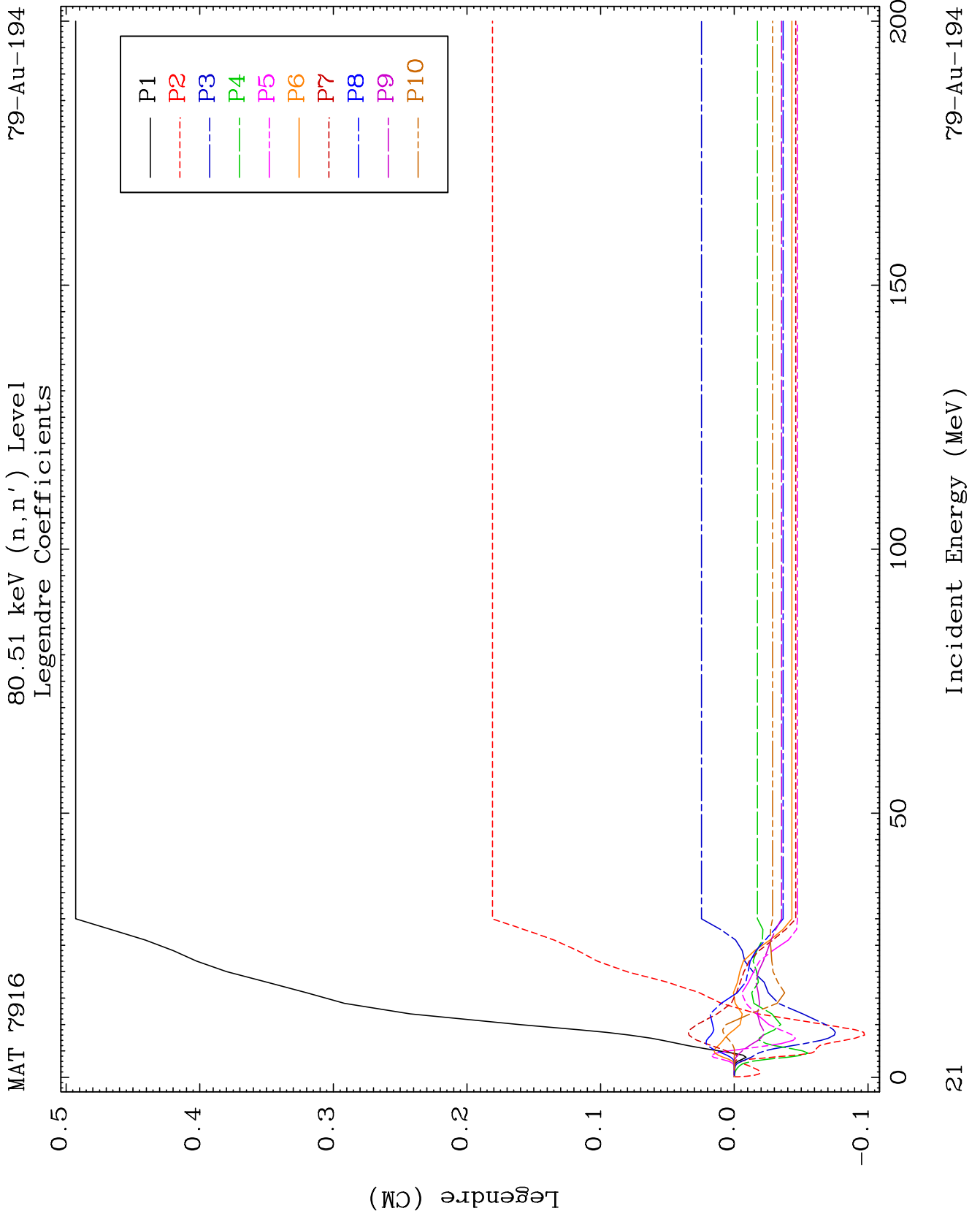
79-Au-194



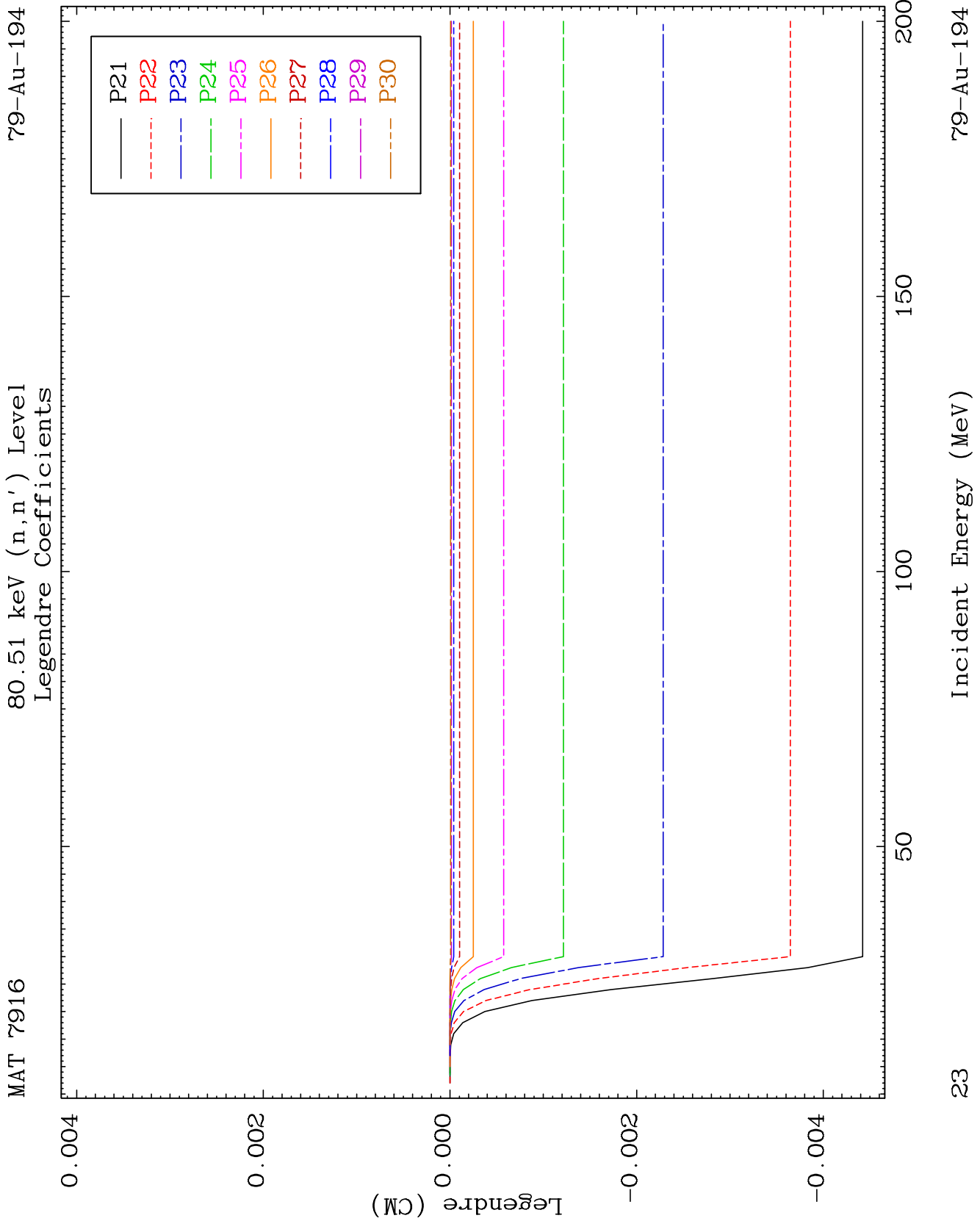
19

79-Au-194

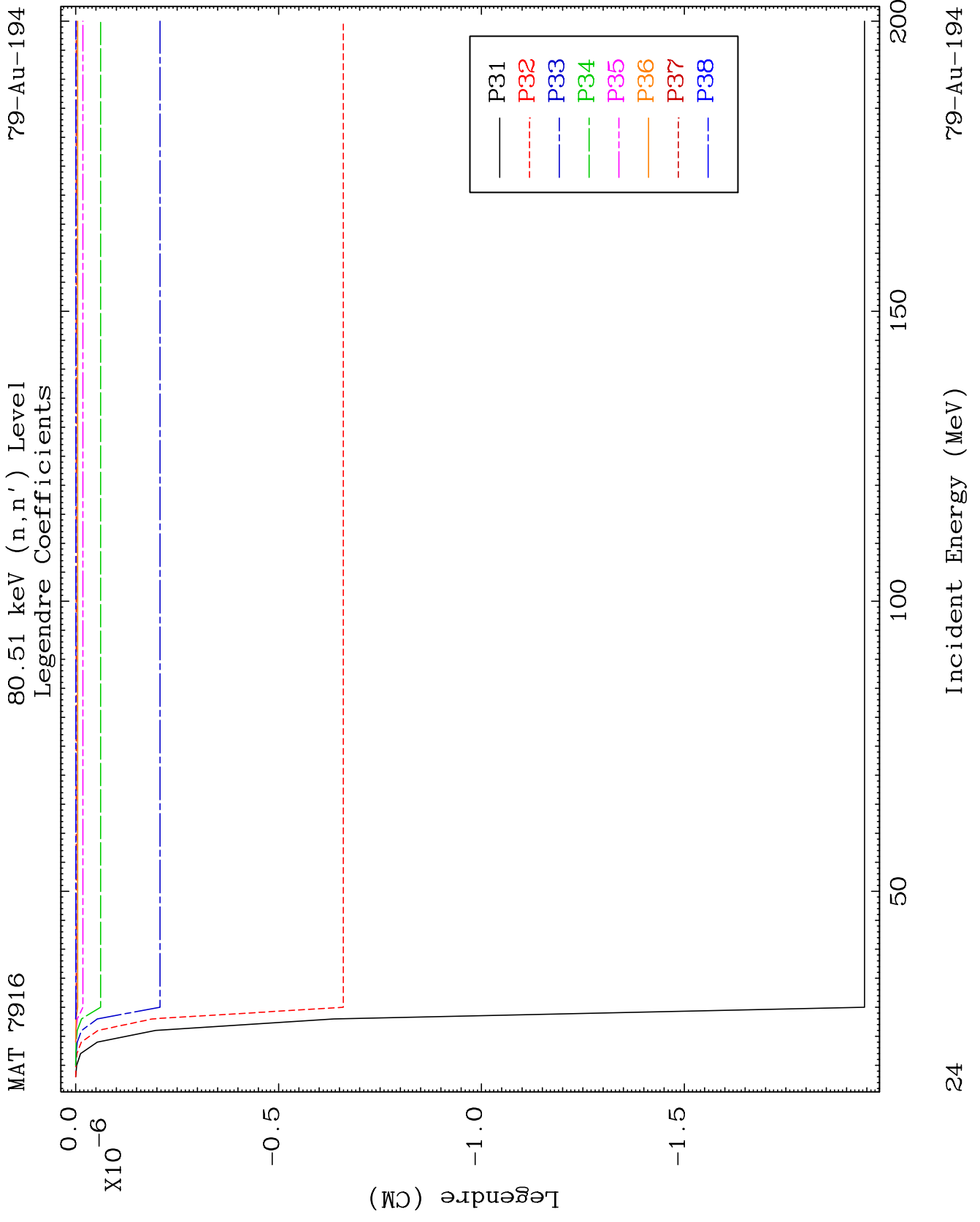




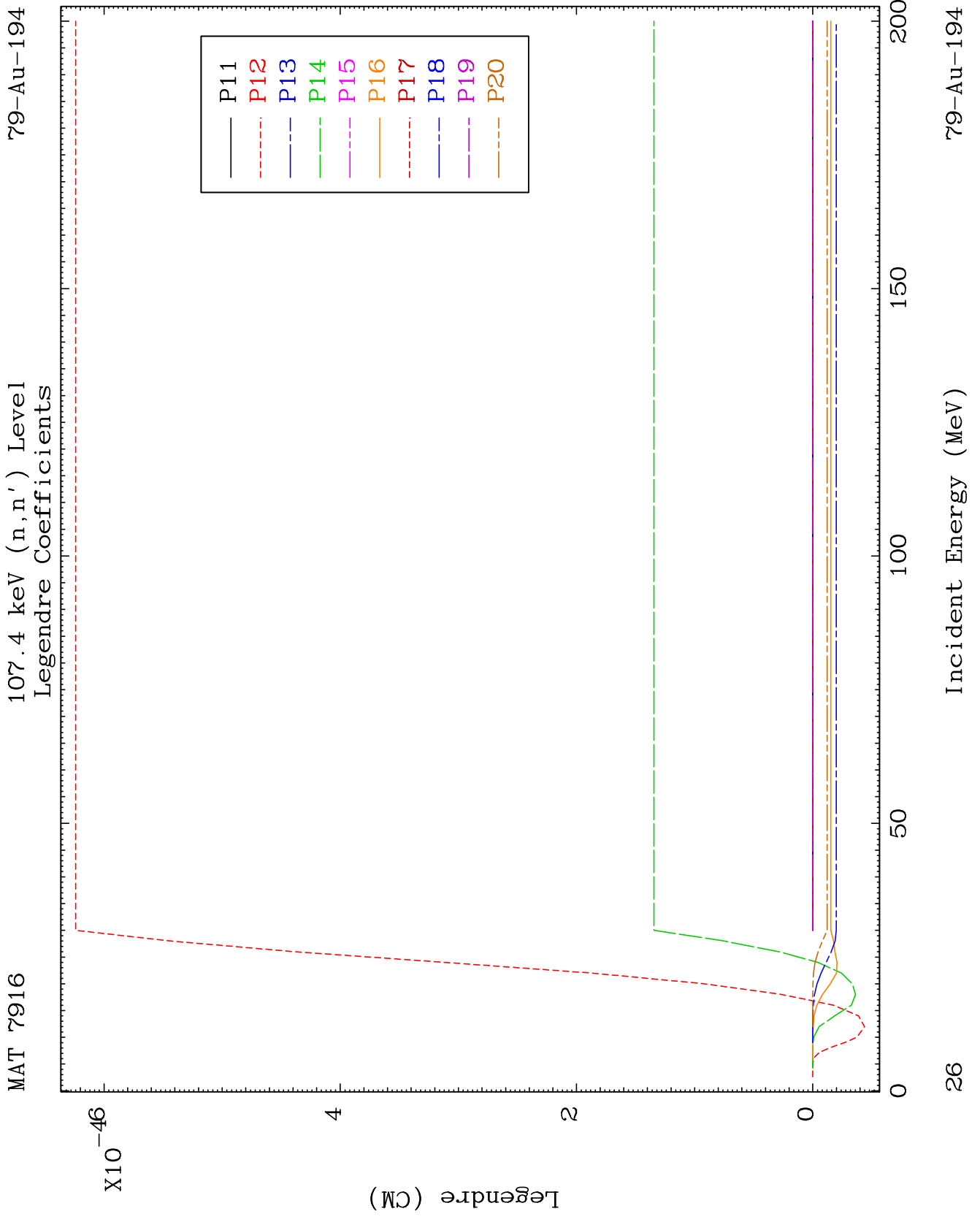


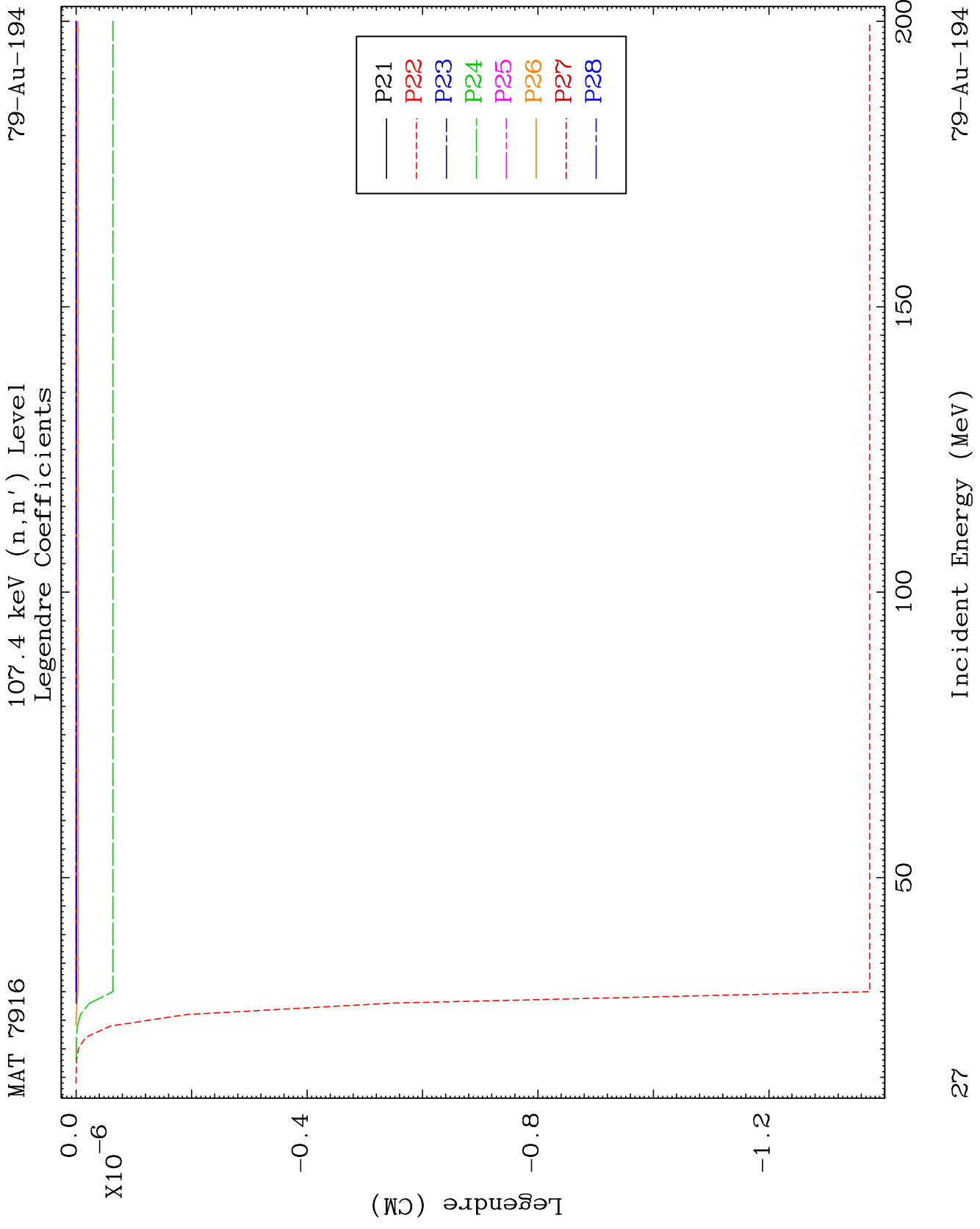








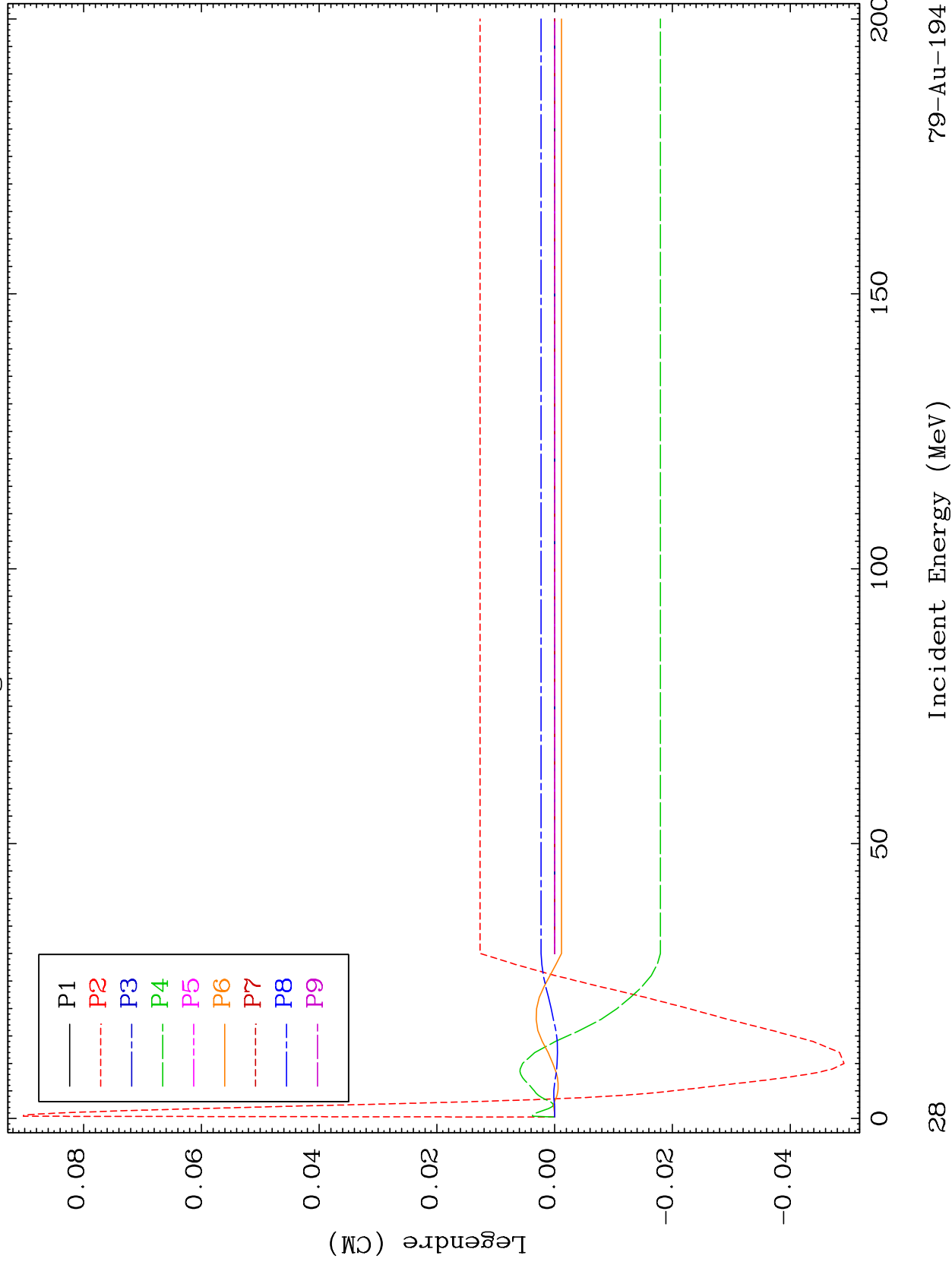




MAT 7916

244.6 keV (n,n') Level  
Legendre Coefficients

79-Au-194



79-Au-194

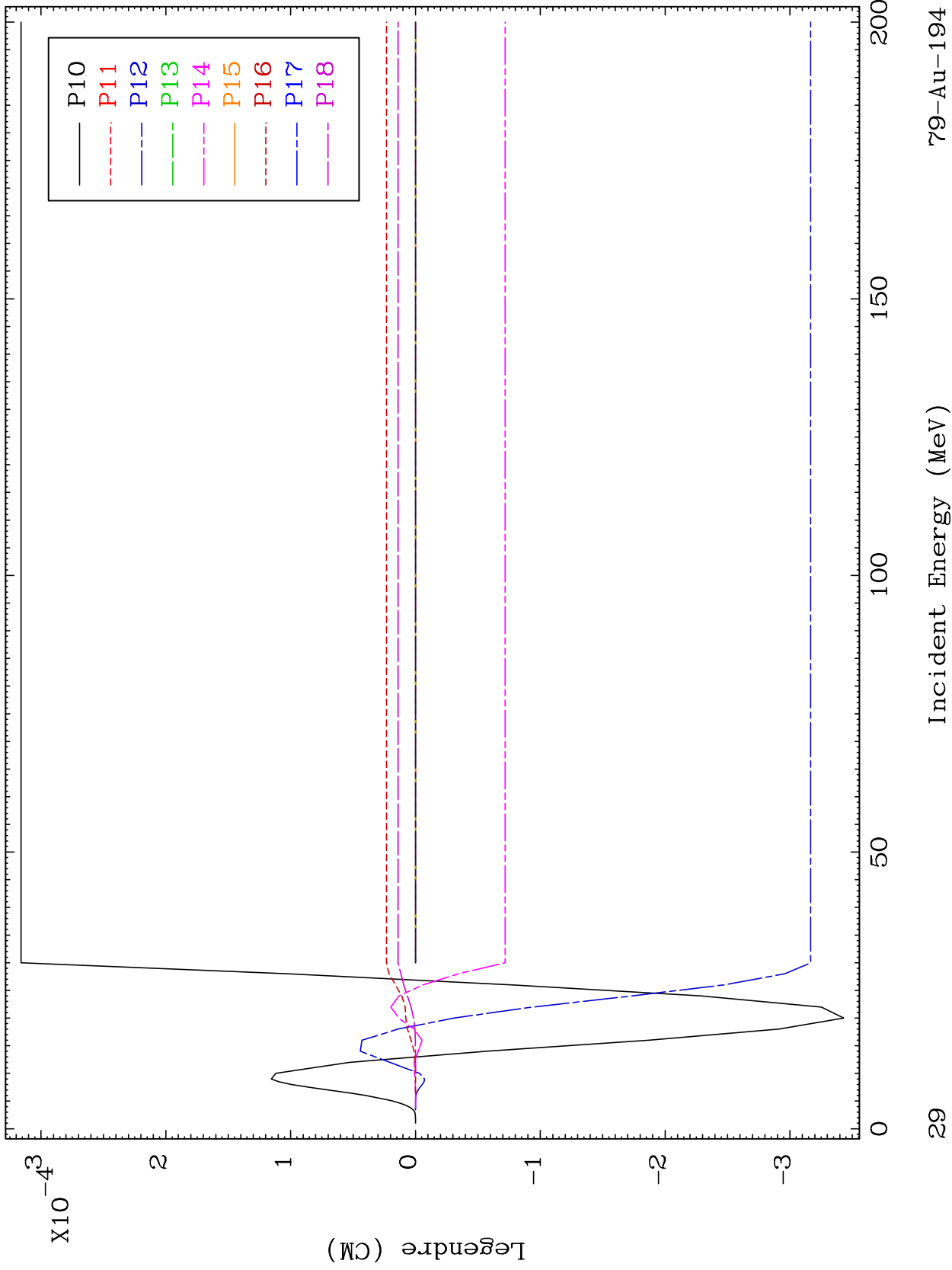
Incident Energy (MeV)

28

MAT 7916

244.6 keV (n,n') Level  
Legendre Coefficients

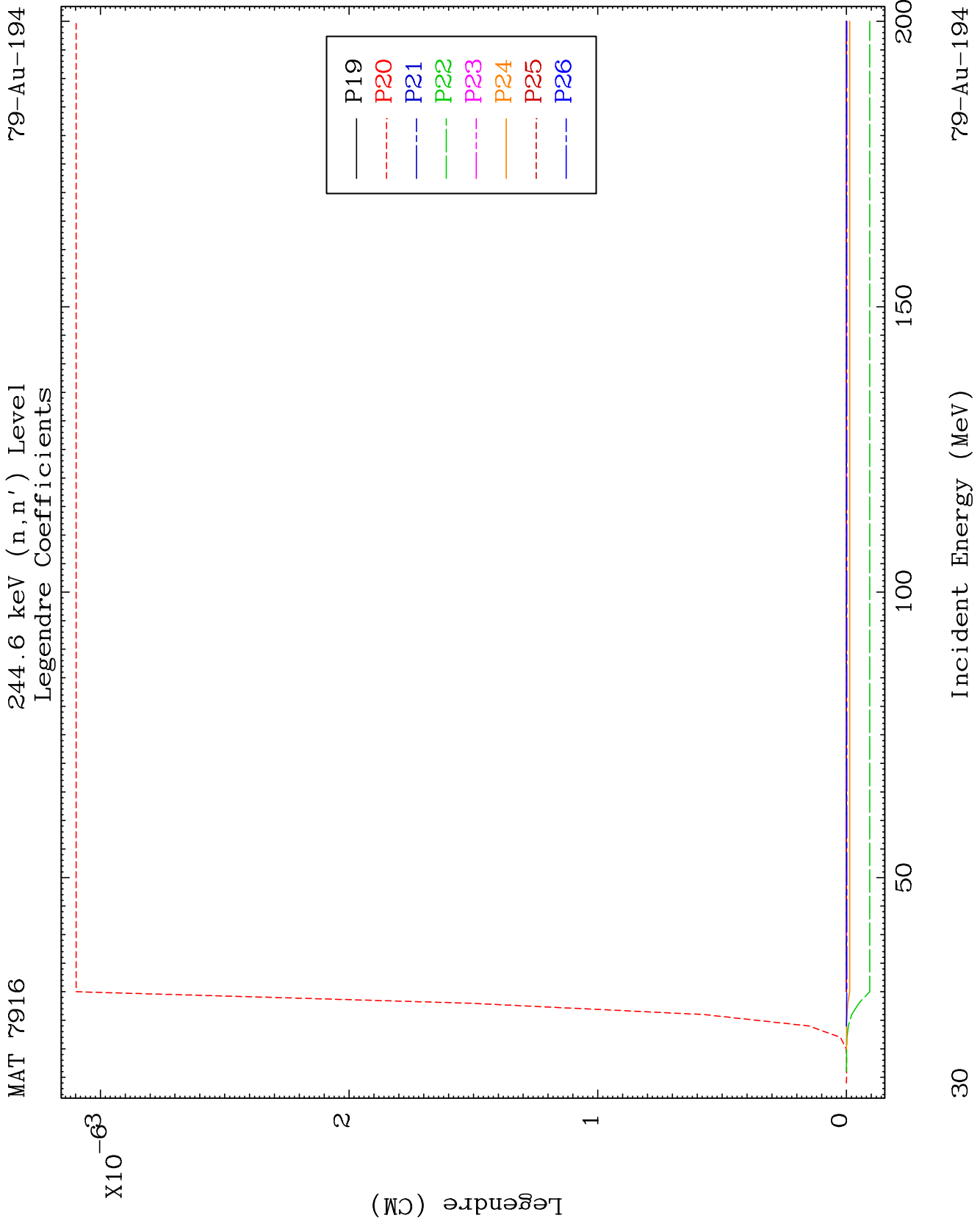
79-Au-194



29

Incident Energy (MeV)

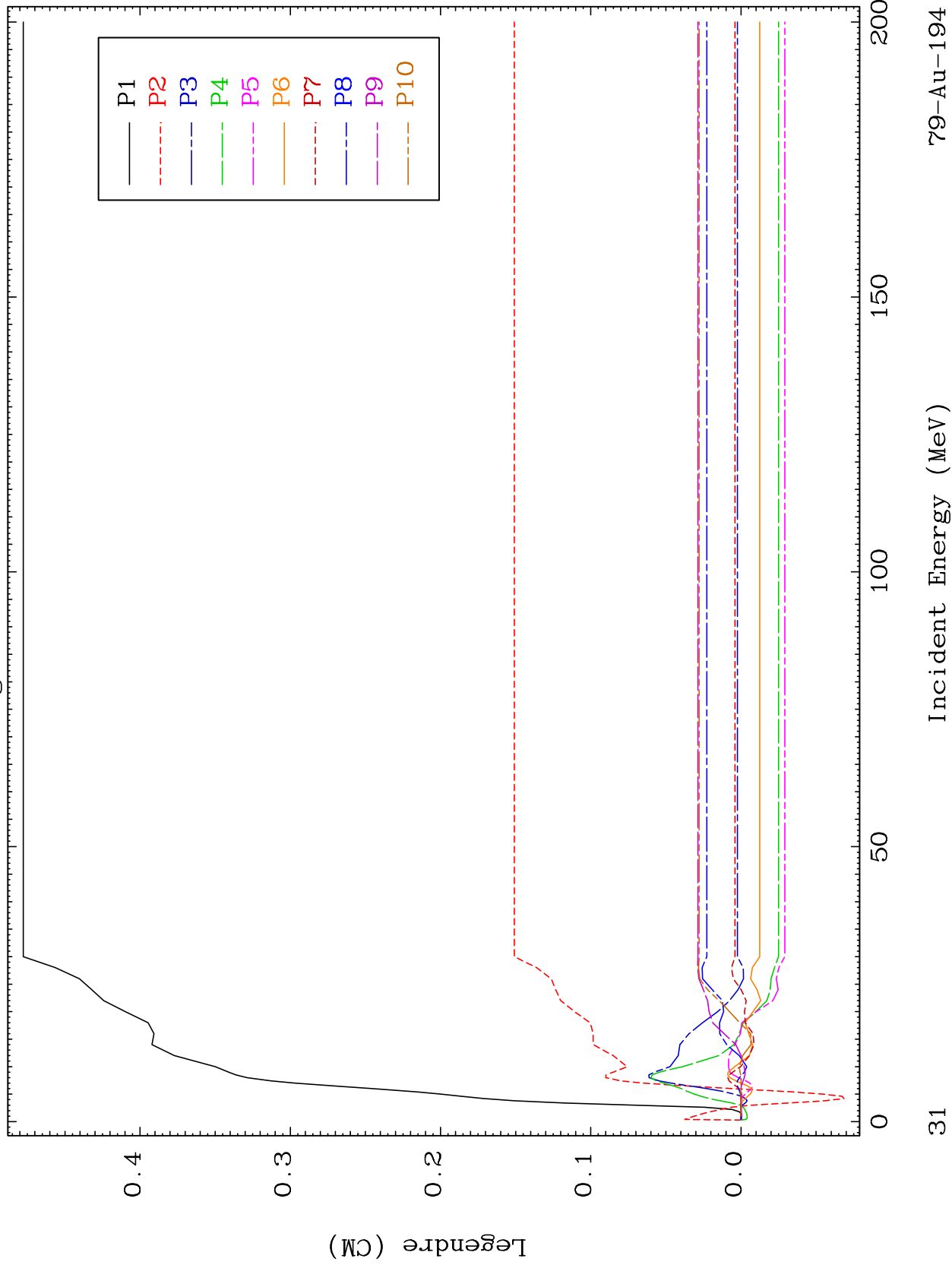
79-Au-194



MAT 7916

278.2 keV (n,n') Level  
Legendre Coefficients

79-Au-194



79-Au-194

Incident Energy (MeV)

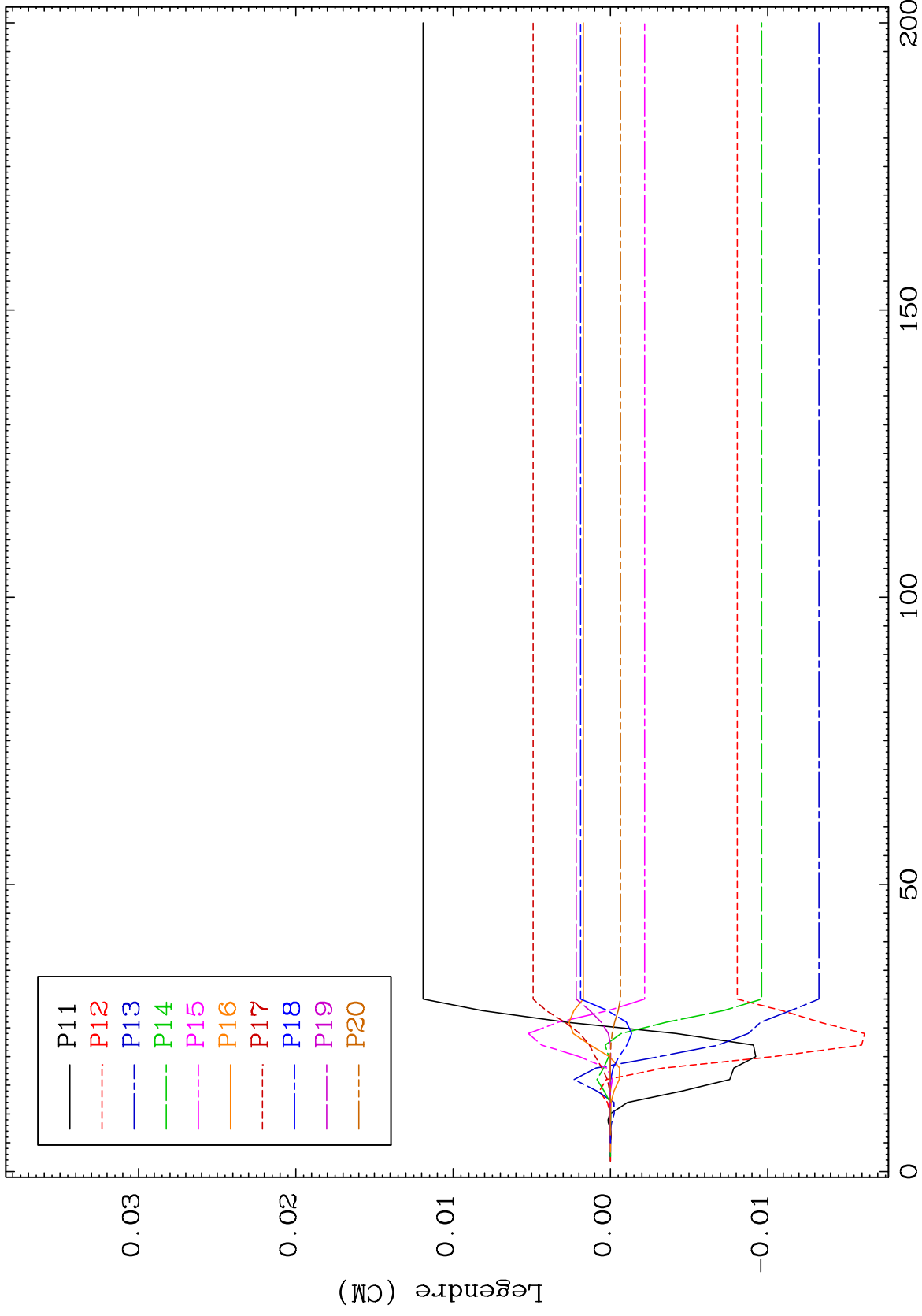
31



MAT 7916

278.2 keV (n,n') Level  
Legendre Coefficients

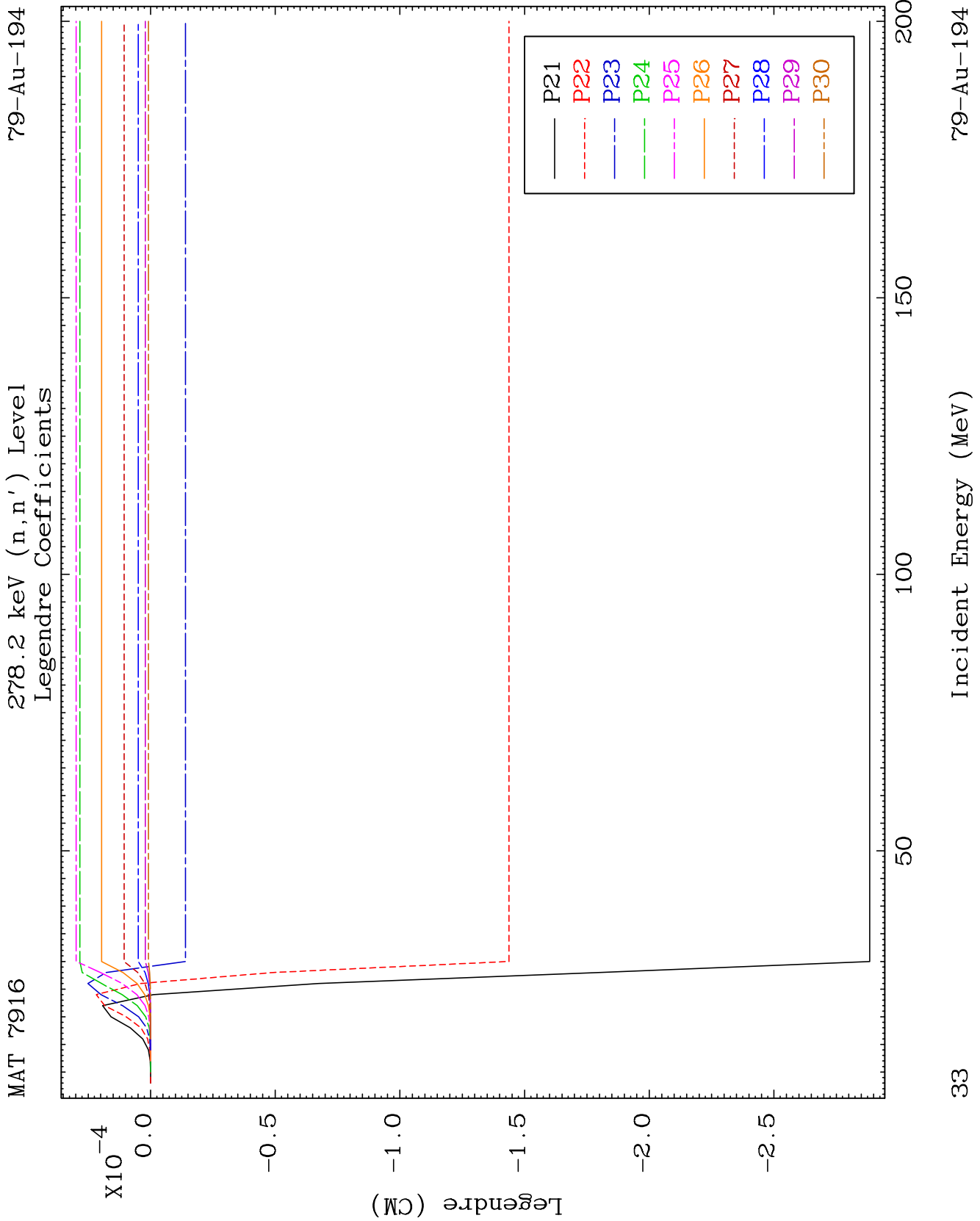
79-Au-194



32

Incident Energy (MeV)

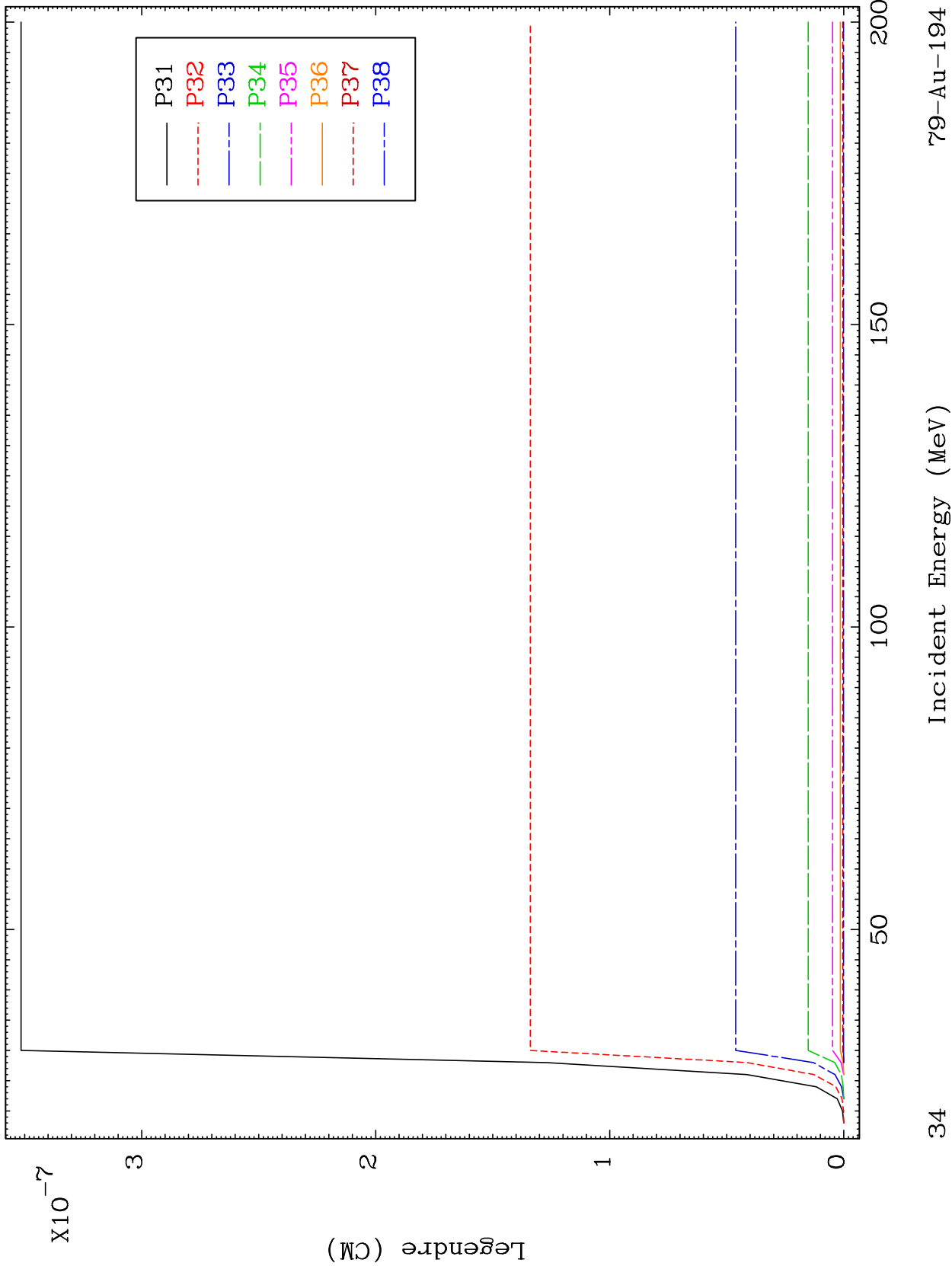
79-Au-194



MAT 7916

278.2 keV (n,n') Level  
Legendre Coefficients

79-Au-194



34

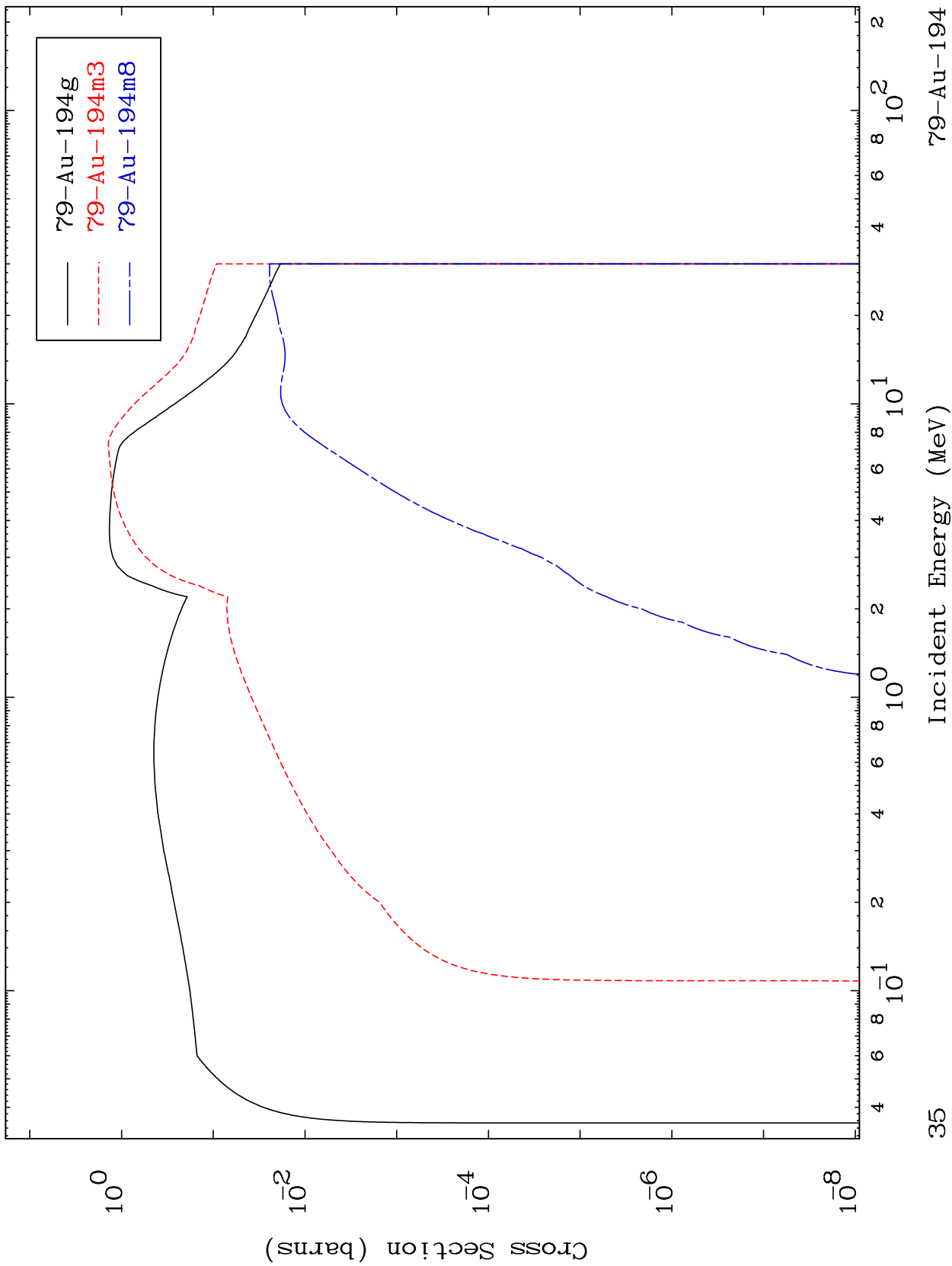
Incident Energy (MeV)

79-Au-194

MAT 7916

79-Au-194

Inelastic  
Radionuclide Production Cross Section



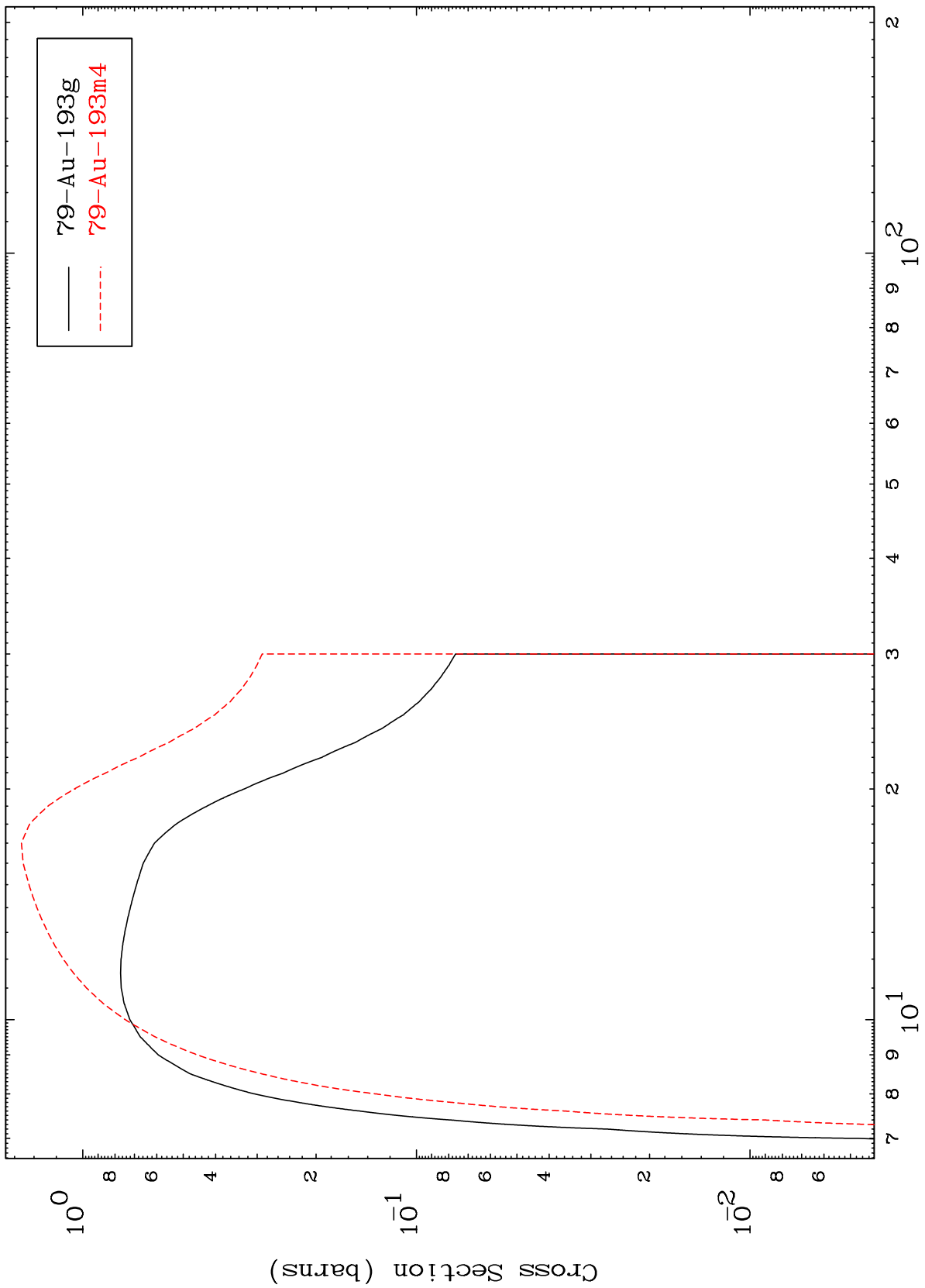
35

79-Au-194

MAT 7916

79-Au-194

(n,2n)  
Radionuclide Production Cross Section



79-Au-193g  
79-Au-193m4

36

Incident Energy (MeV)

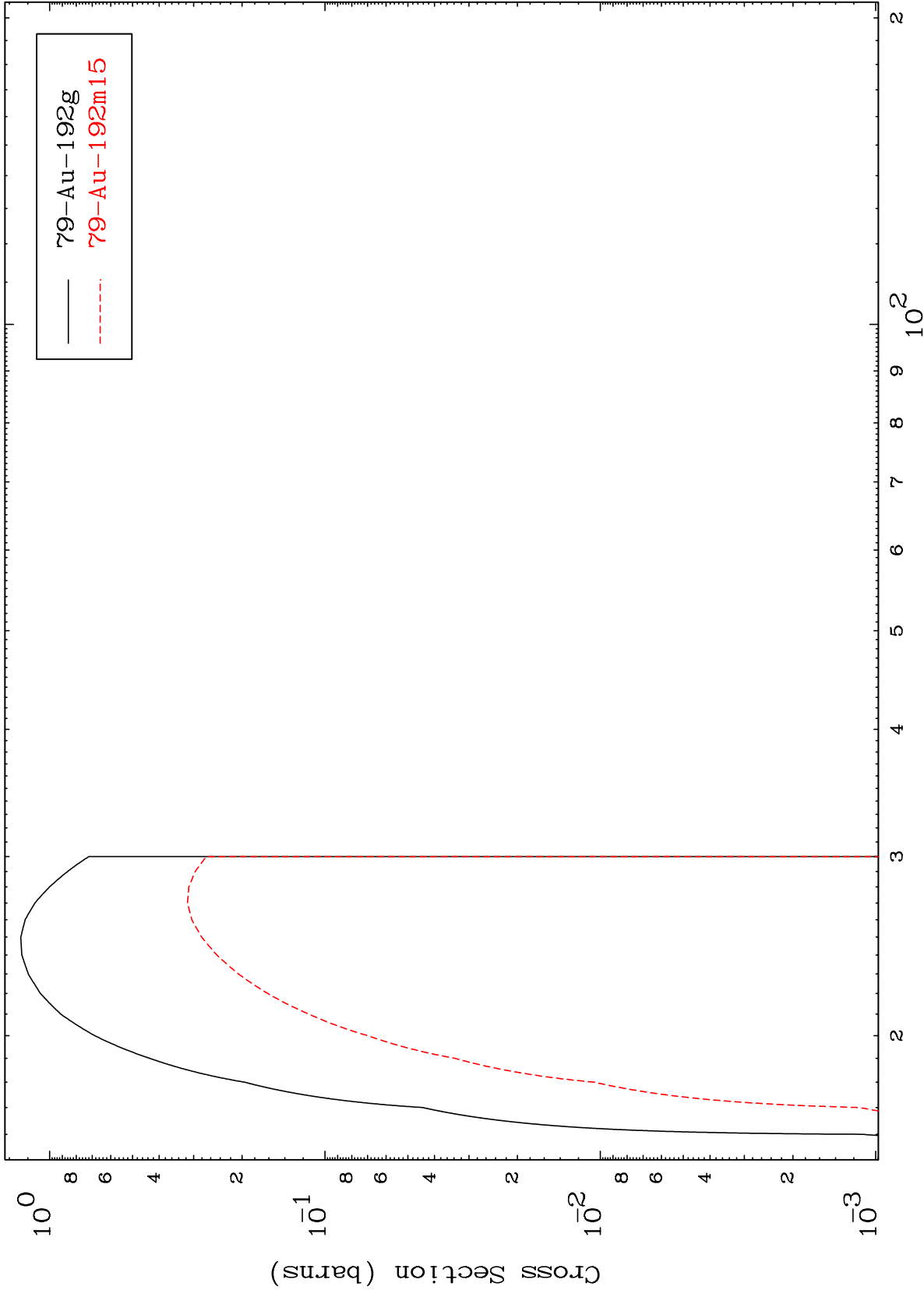
79-Au-194

MAT 7916

(n,3n)

<sup>79</sup>Au-194

Radionuclide Production Cross Section



37

Incident Energy (MeV)

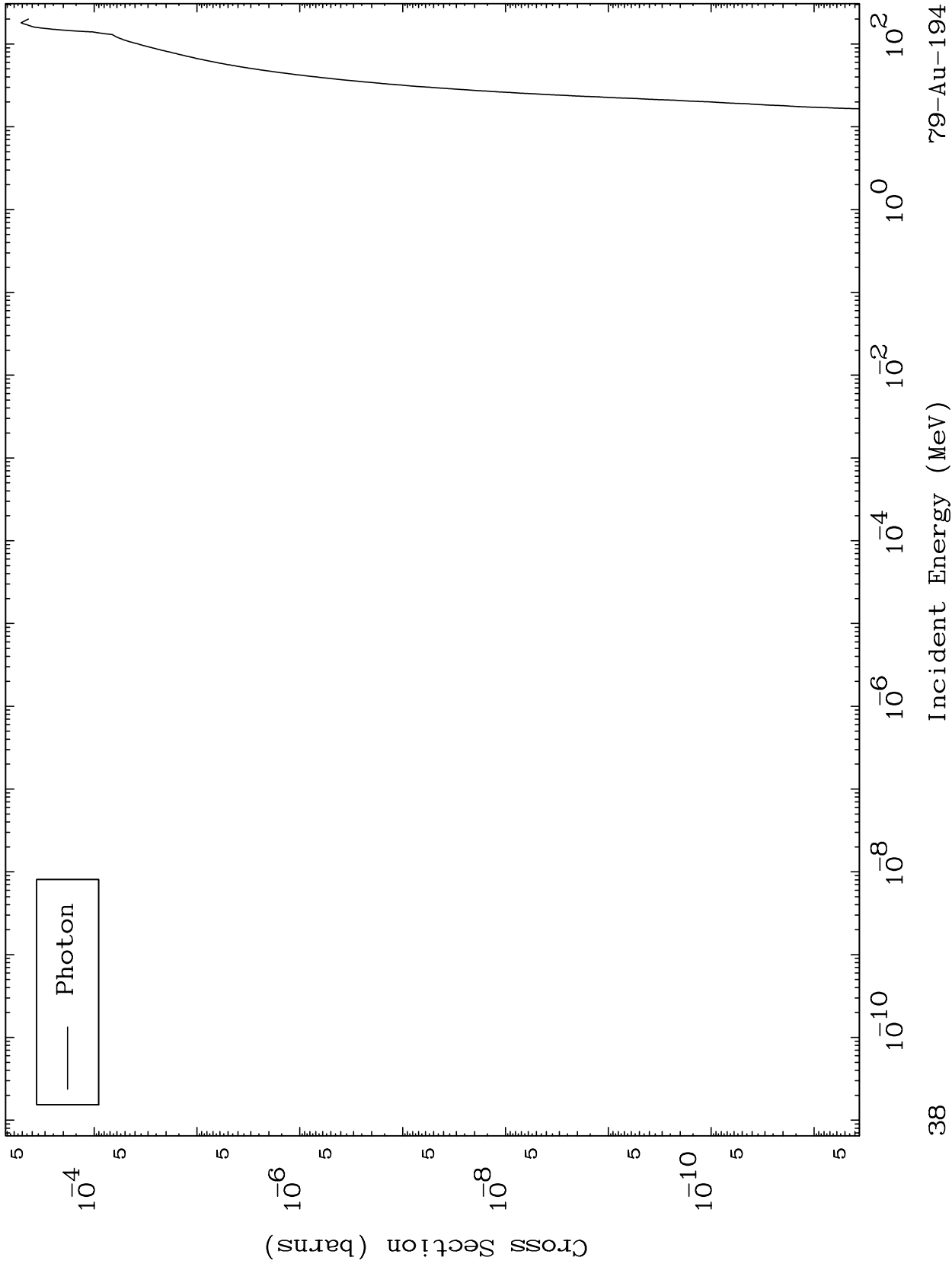
<sup>79</sup>Au-194

MAT 7916

Fission

79-Au-194

Radionuclide Production Cross Section



38

Incident Energy (MeV)

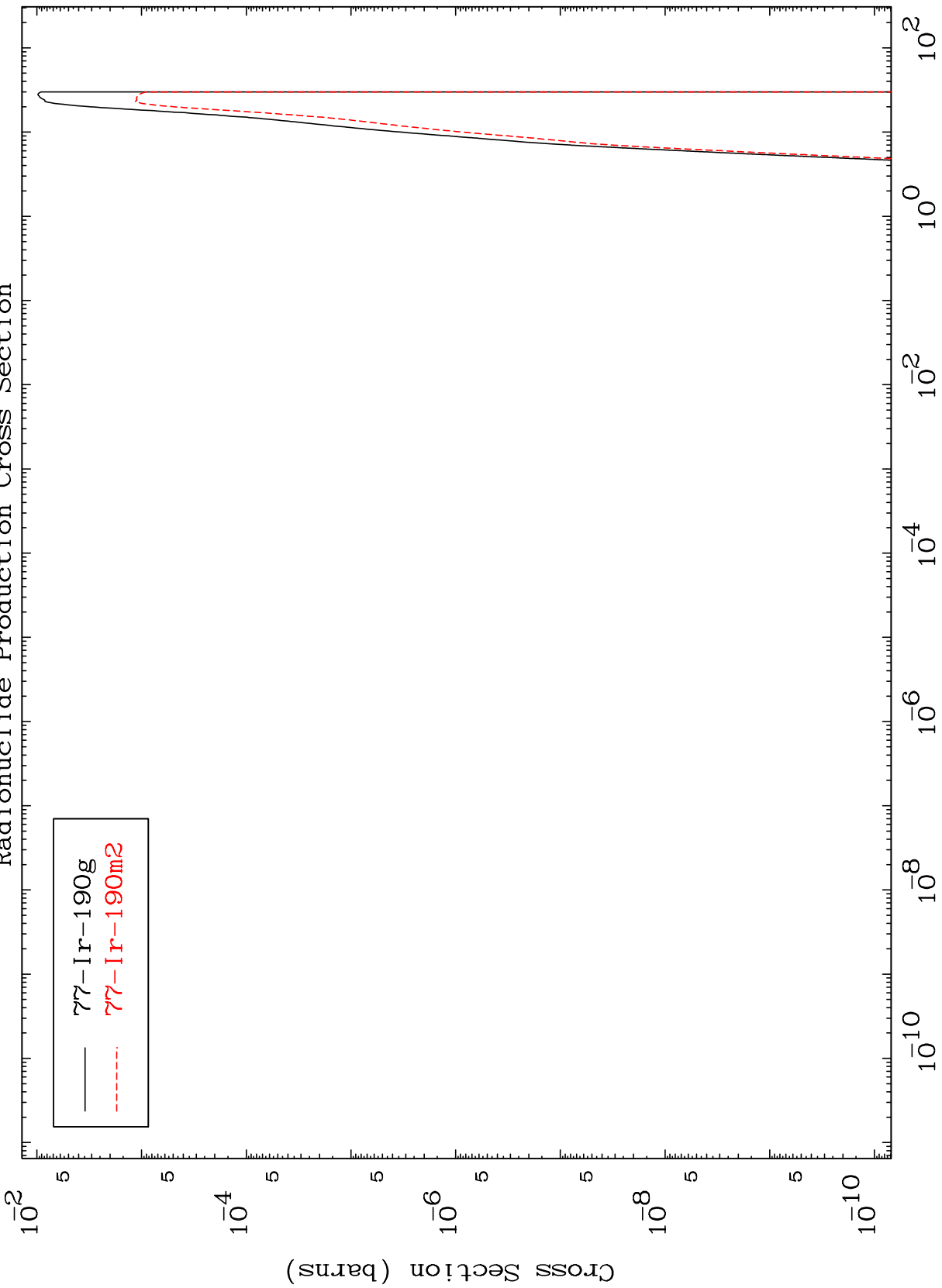
79-Au-194

MAT 7916

$(n, n') \alpha$

79-Au-194

Radionuclide Production Cross Section



39

Incident Energy (MeV)

79-Au-194

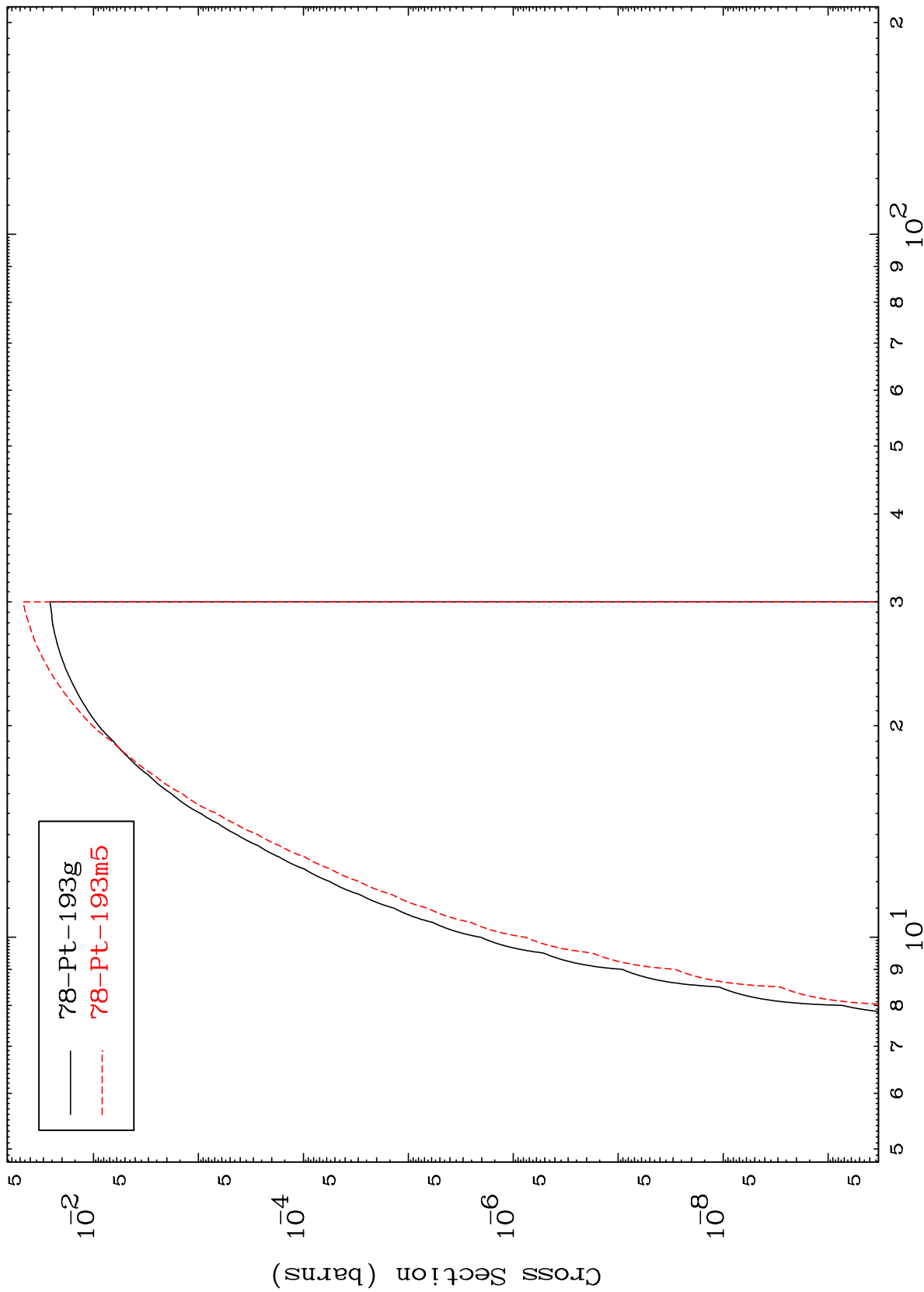


MAT 7916

(n,n') p

79-Au-194

Radionuclide Production Cross Section



40

Incident Energy (MeV)

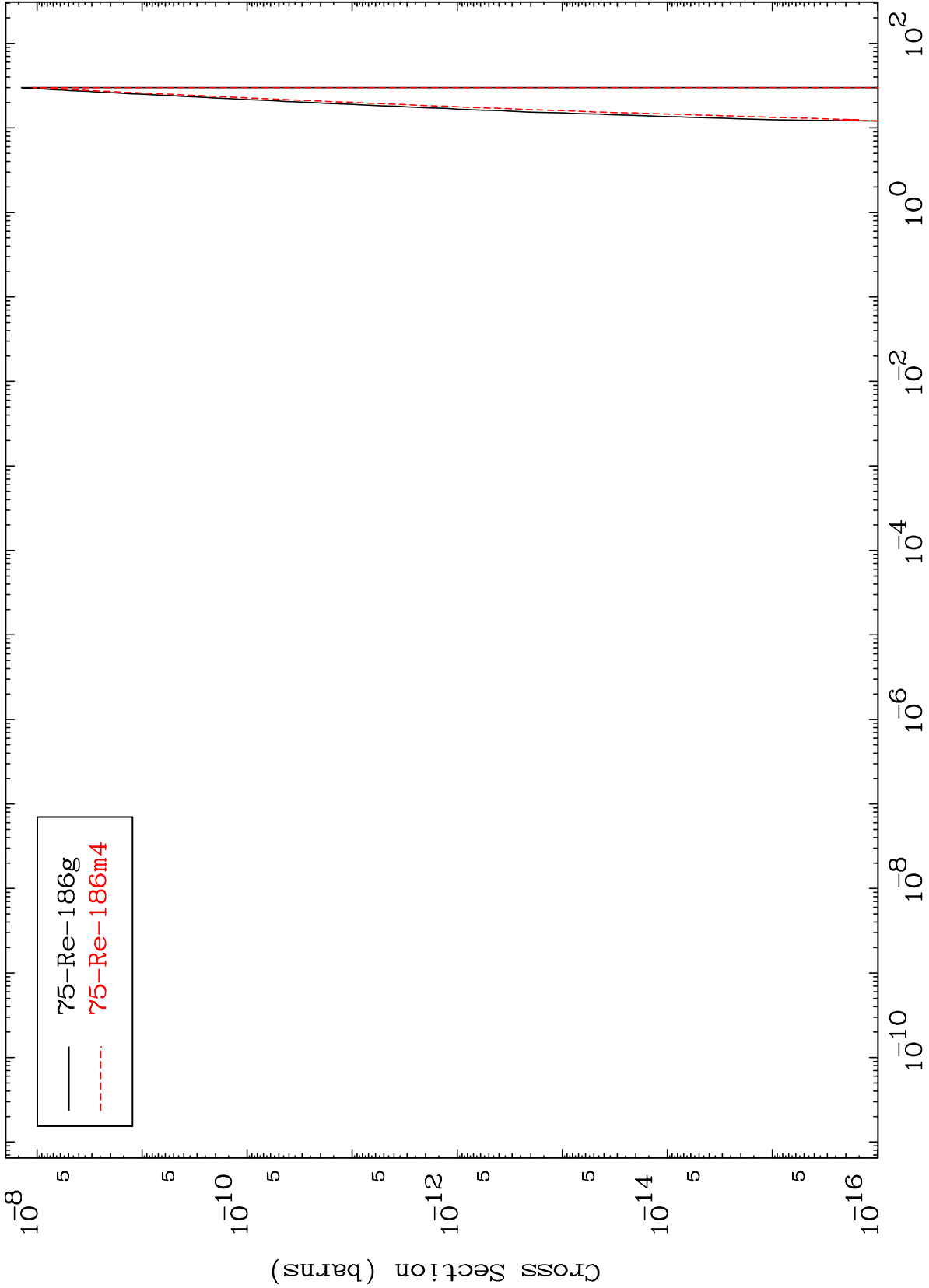
79-Au-194

MAT 7916

(n,n') 2α

79-Au-194

Radionuclide Production Cross Section

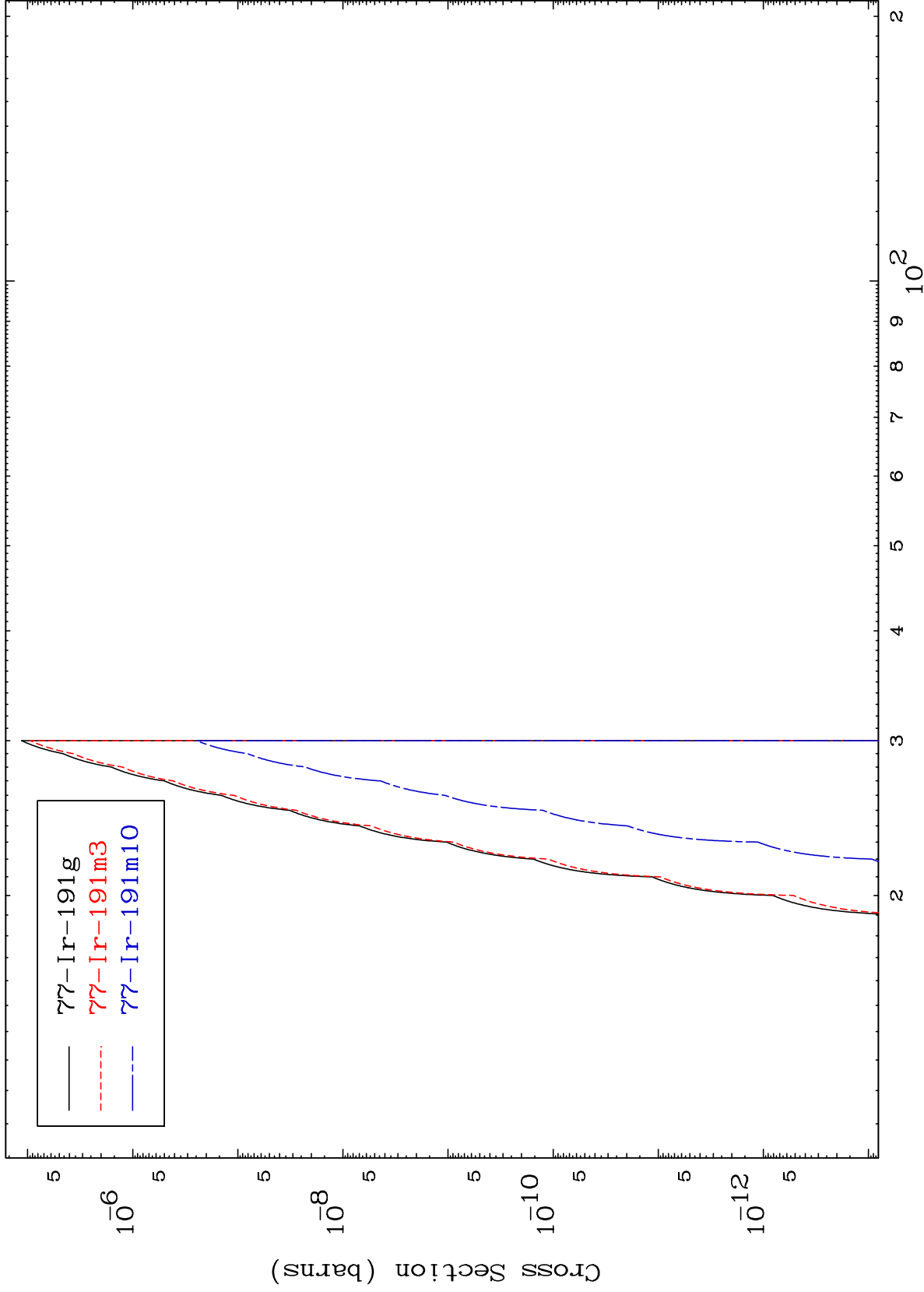


MAT 7916

(n,n') He-3

79-Au-194

Radionuclide Production Cross Section



42

Incident Energy (MeV)

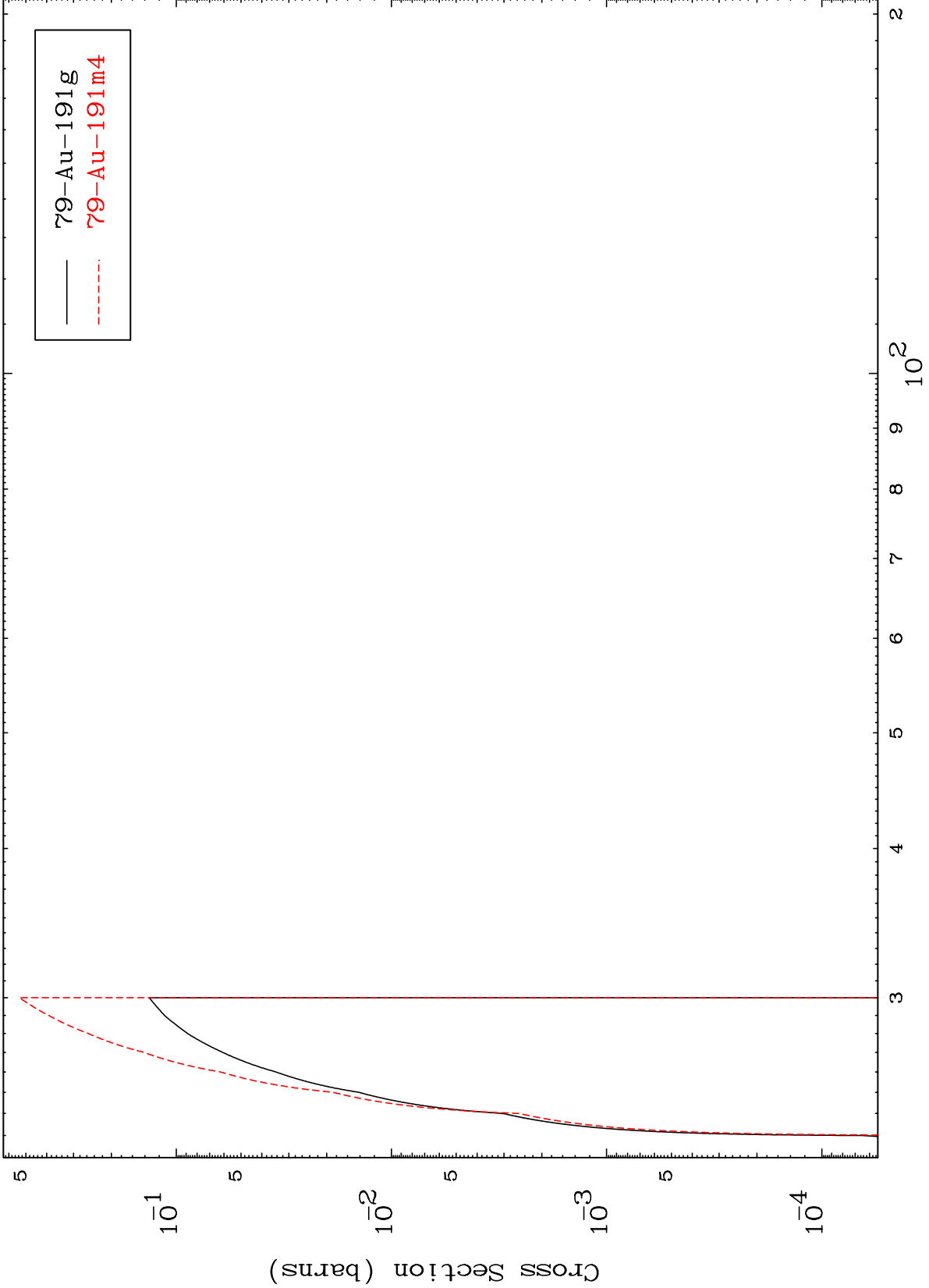
79-Au-194

MAT 7916

(n,4n)

79-Au-194

Radionuclide Production Cross Section



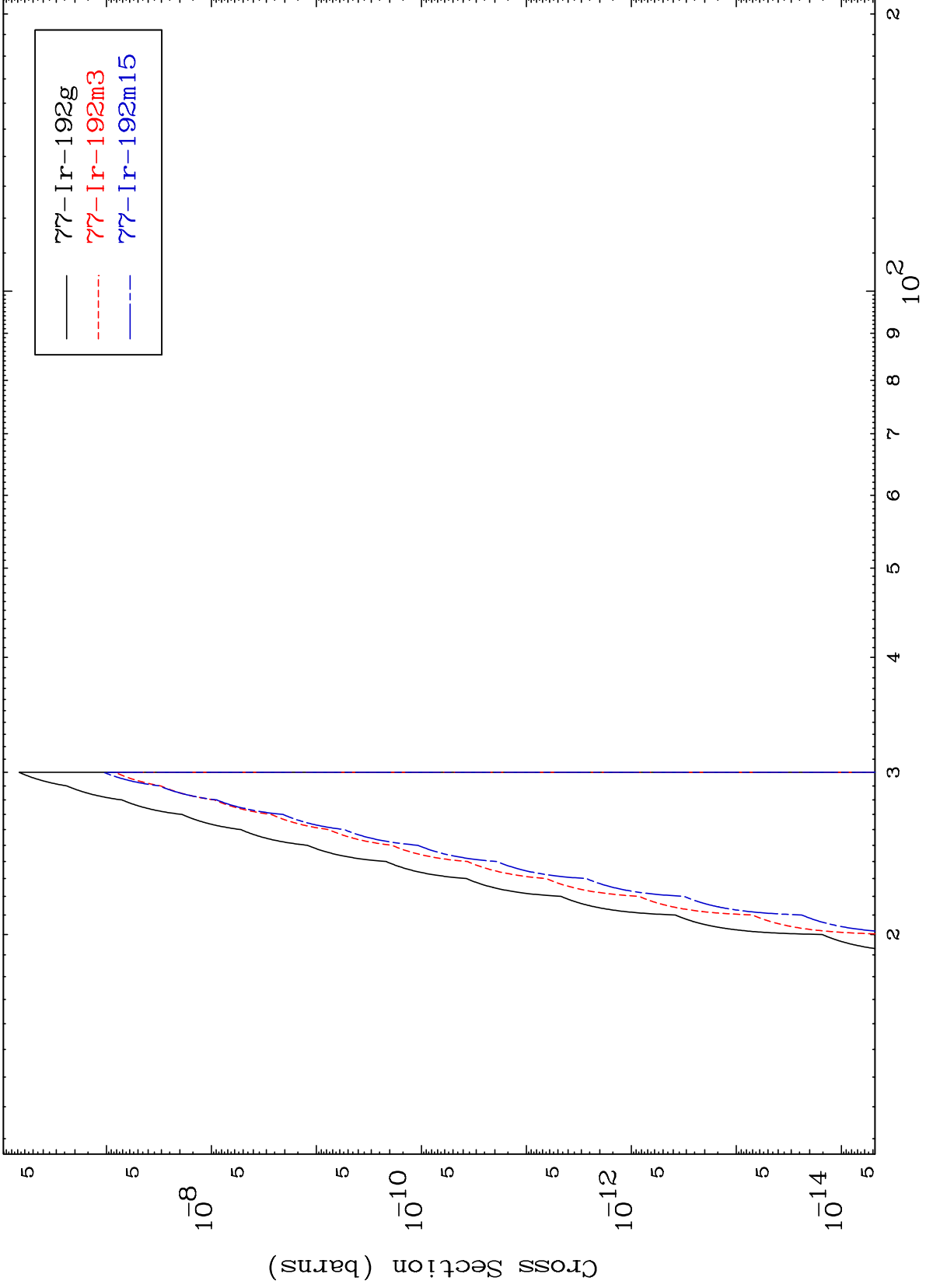
79-Au-191g  
79-Au-191m4

43

Incident Energy (MeV)

79-Au-194

Radionuclide Production Cross Section

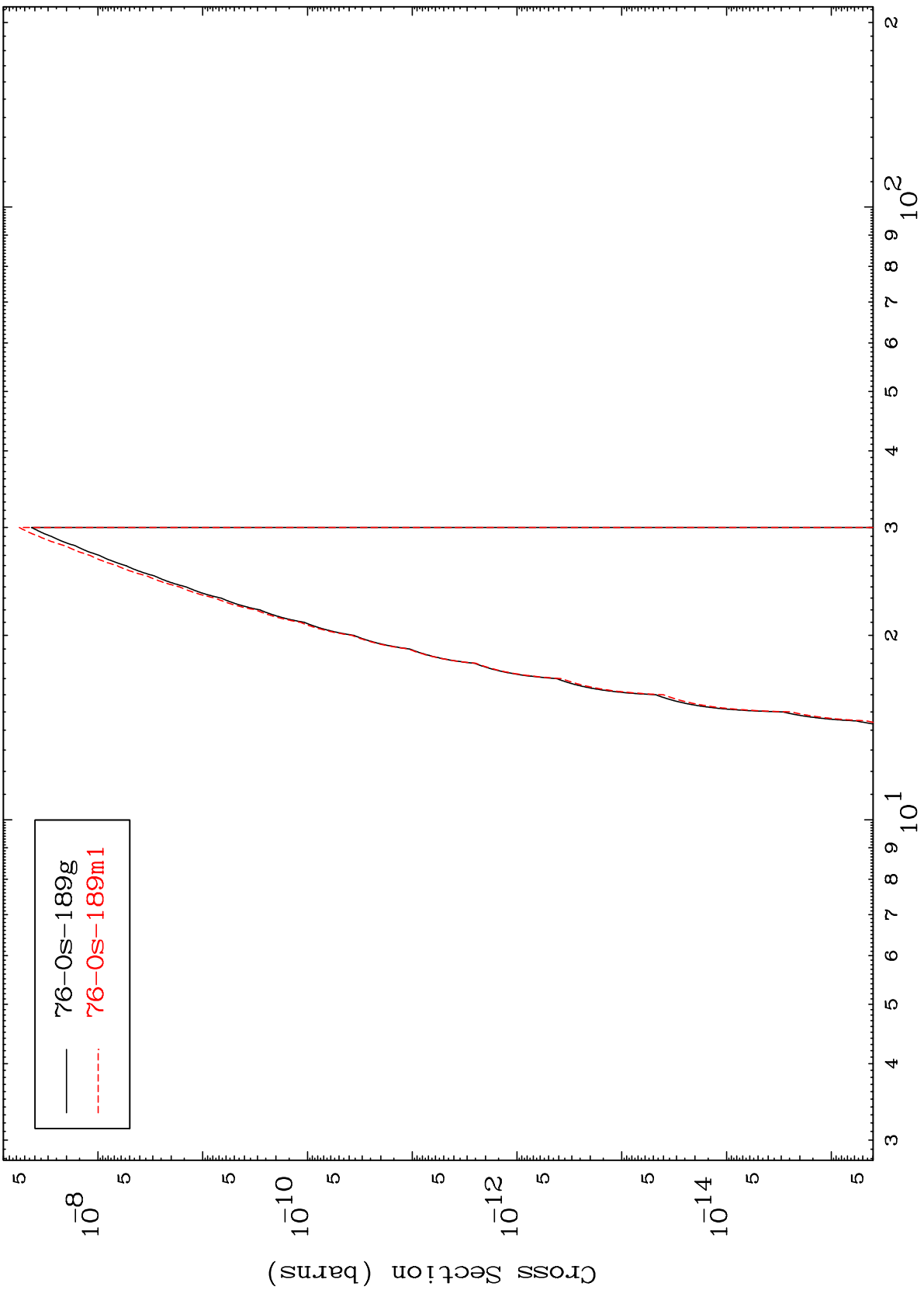


MAT 7916

(n,n') p  $\alpha$

79-Au-194

Radionuclide Production Cross Section



45

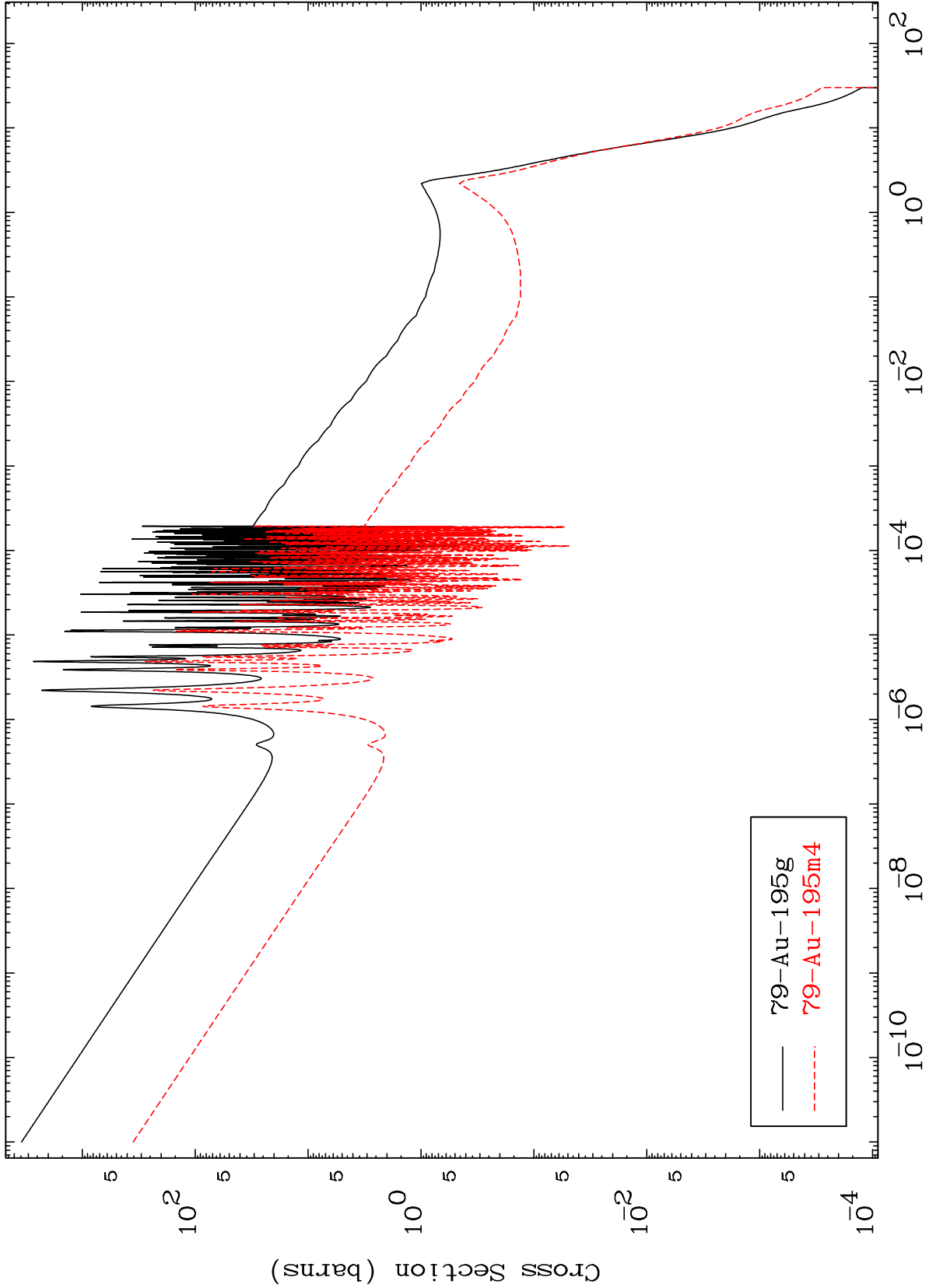
Incident Energy (MeV)

79-Au-194

MAT 7916

79-Au-194

(n,  $\gamma$ )  
Radionuclide Production Cross Section



— 79-Au-195g  
- - - 79-Au-195m4

Incident Energy (MeV)

79-Au-194

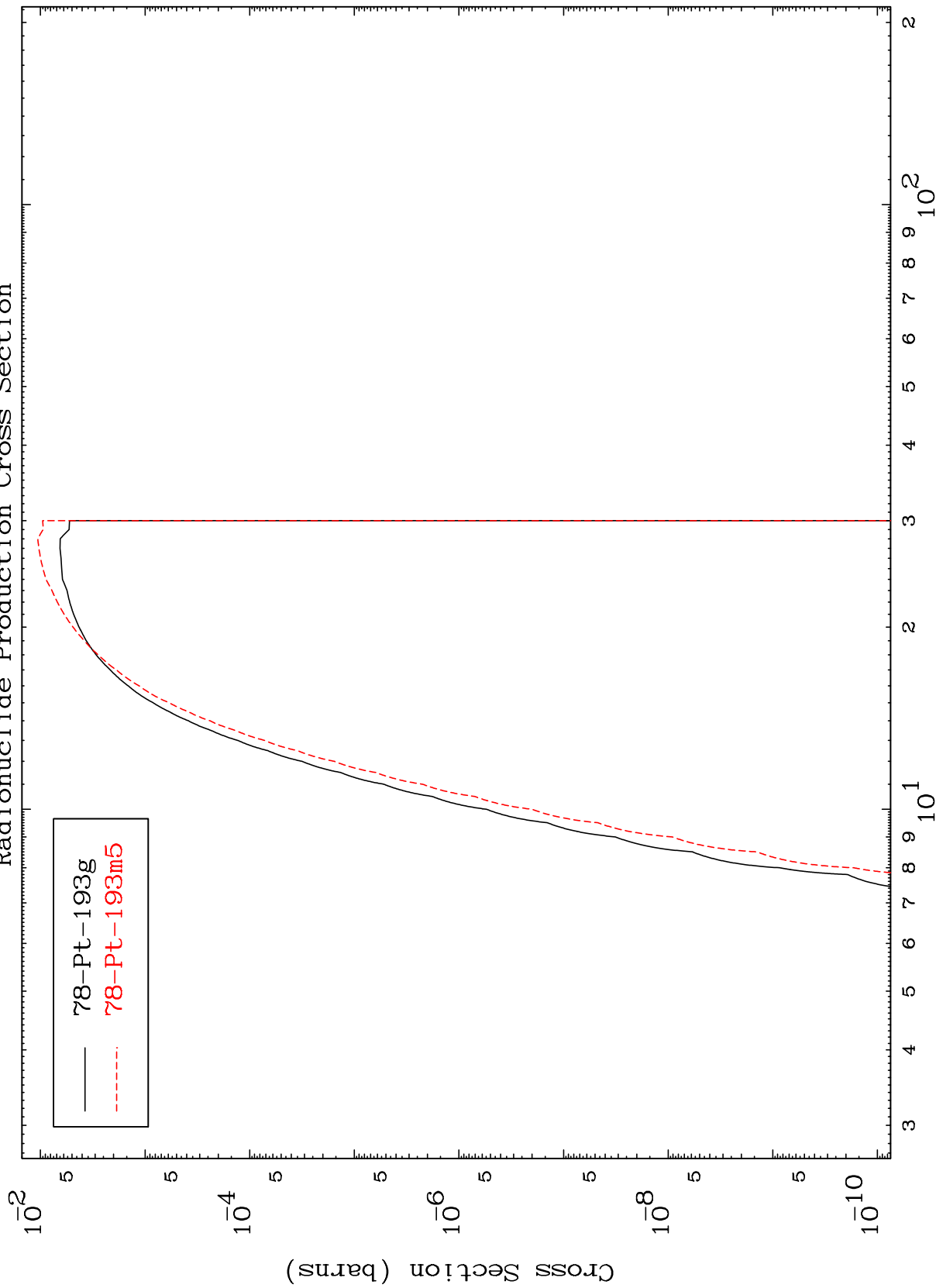
46

MAT 7916

(n,d)

<sup>79</sup>Au-194

Radionuclide Production Cross Section



47

Incident Energy (MeV)

<sup>79</sup>Au-194

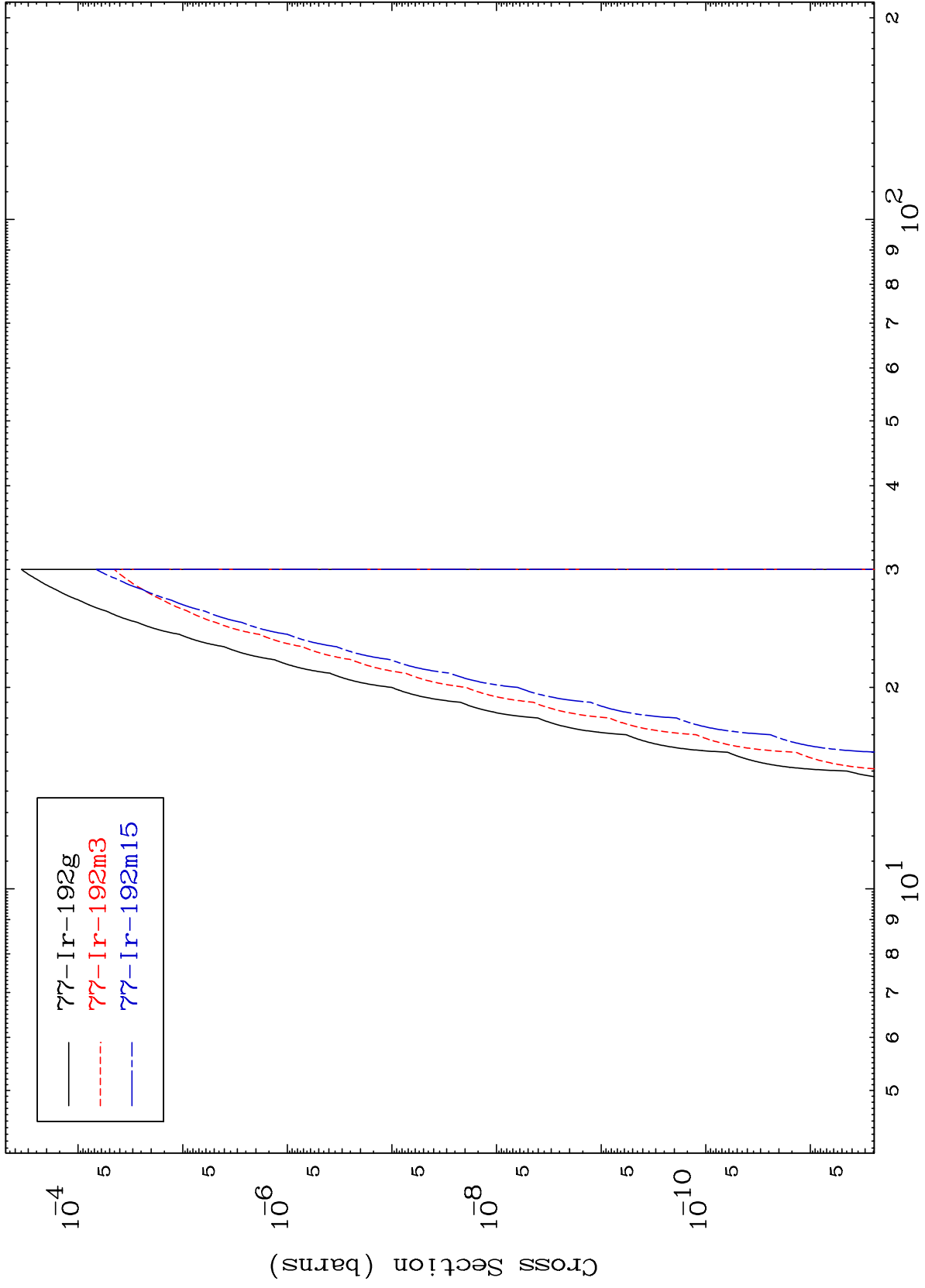


MAT 7916

(n,He-3)

79-Au-194

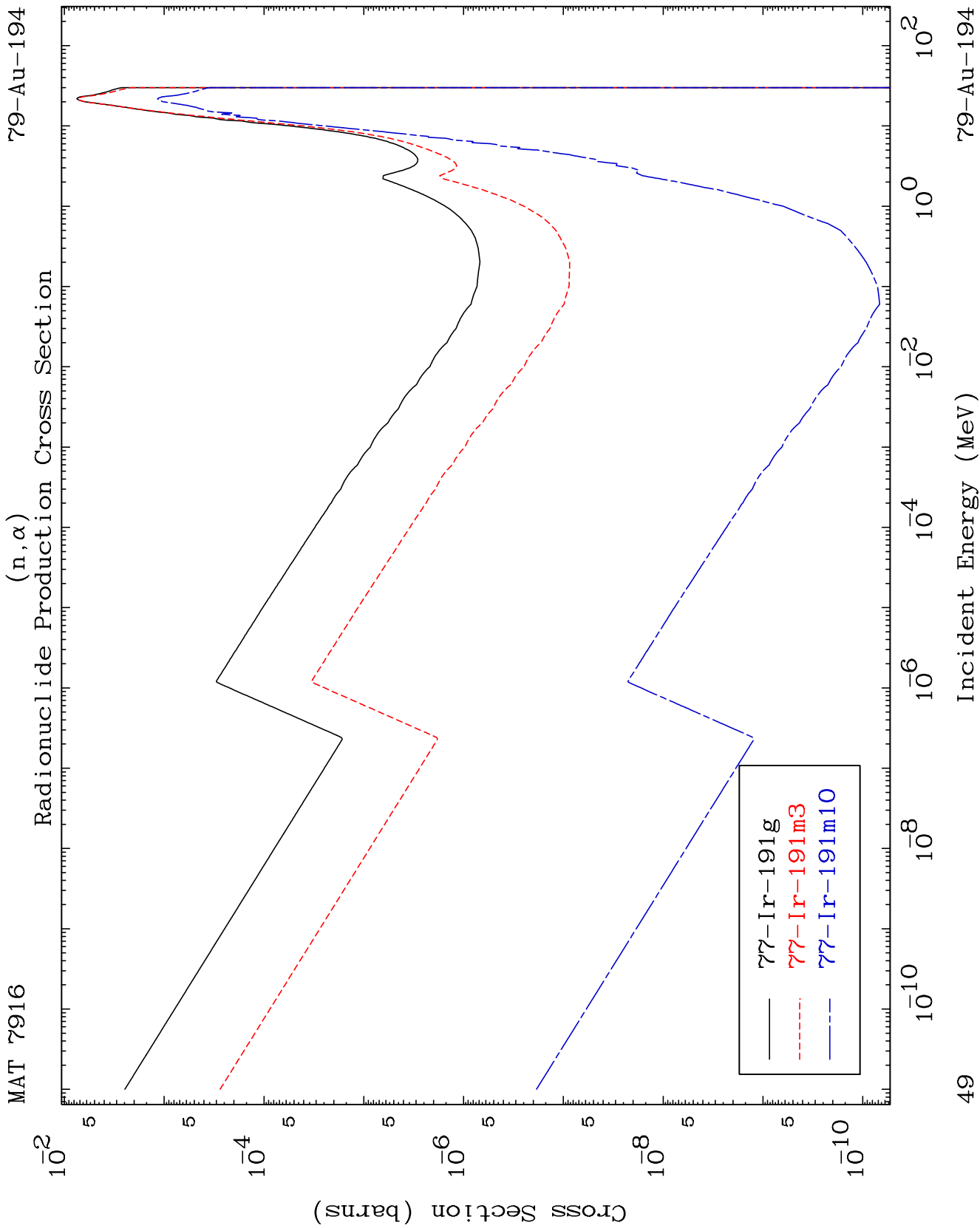
Radionuclide Production Cross Section



48

Incident Energy (MeV)

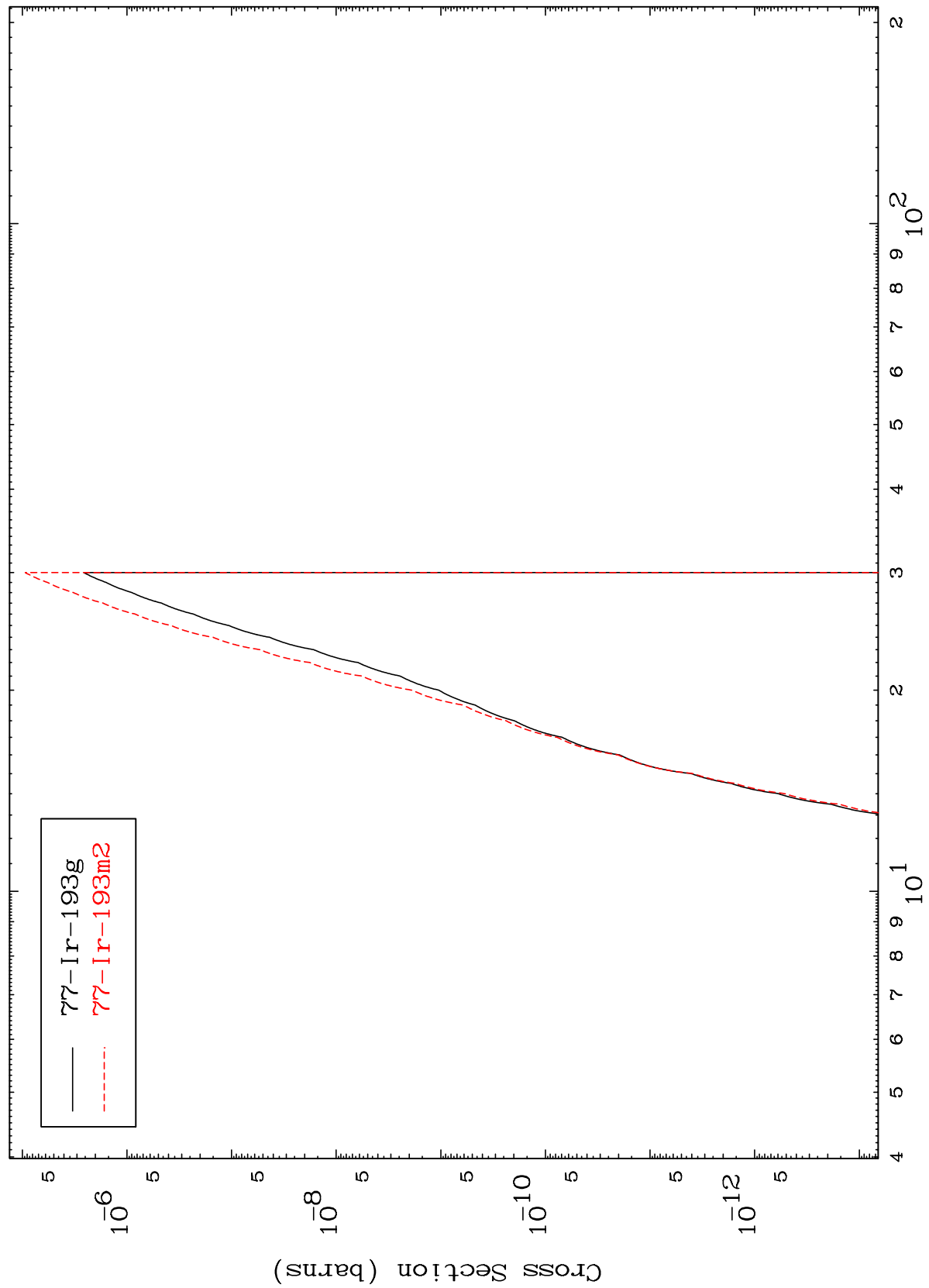
79-Au-194



MAT 7916

79-Au-194

(n,2p)  
Radionuclide Production Cross Section



50

Incident Energy (MeV)

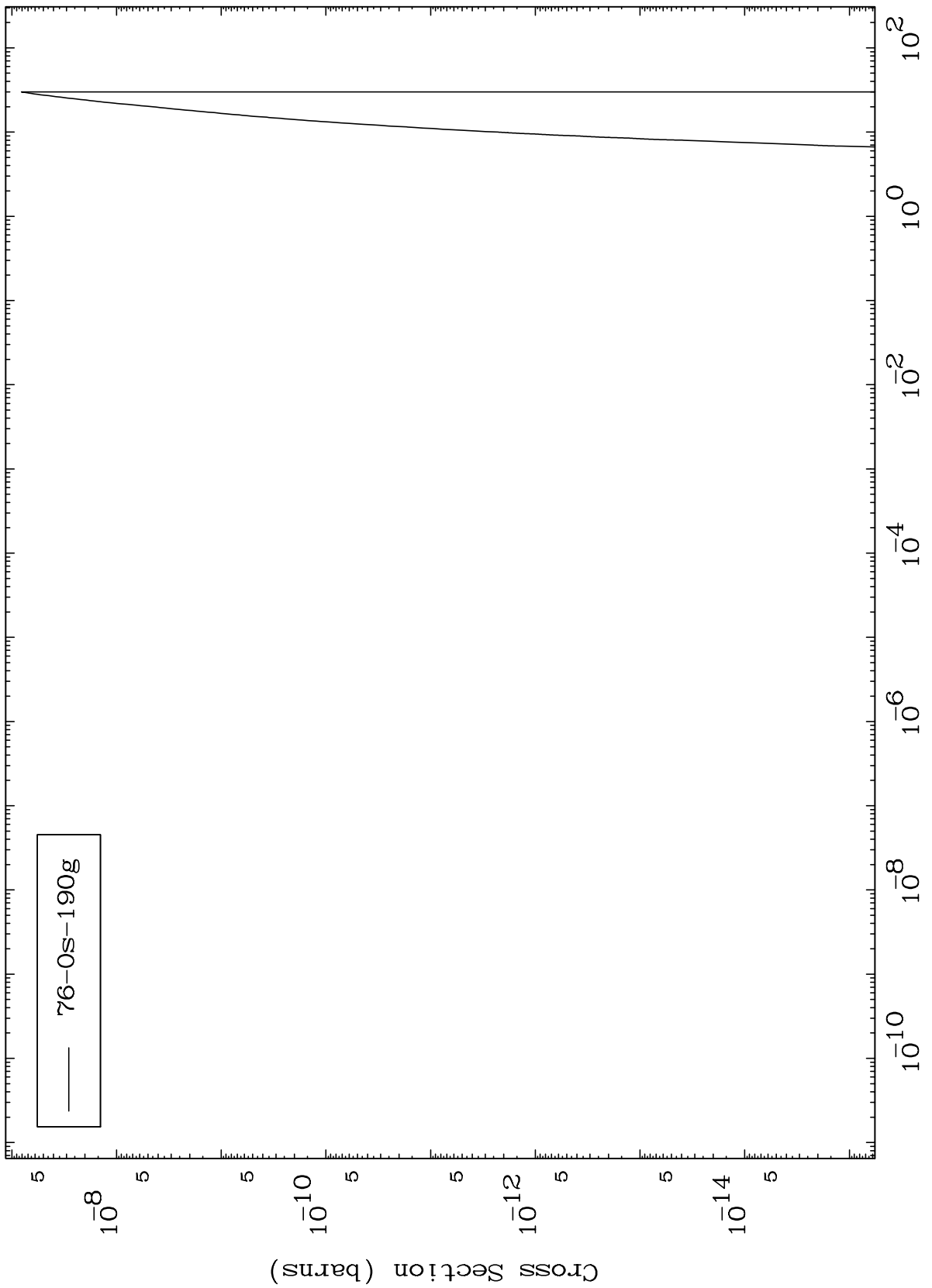
79-Au-194

MAT 7916

(n,p)  $\alpha$

79-Au-194

Radionuclide Production Cross Section

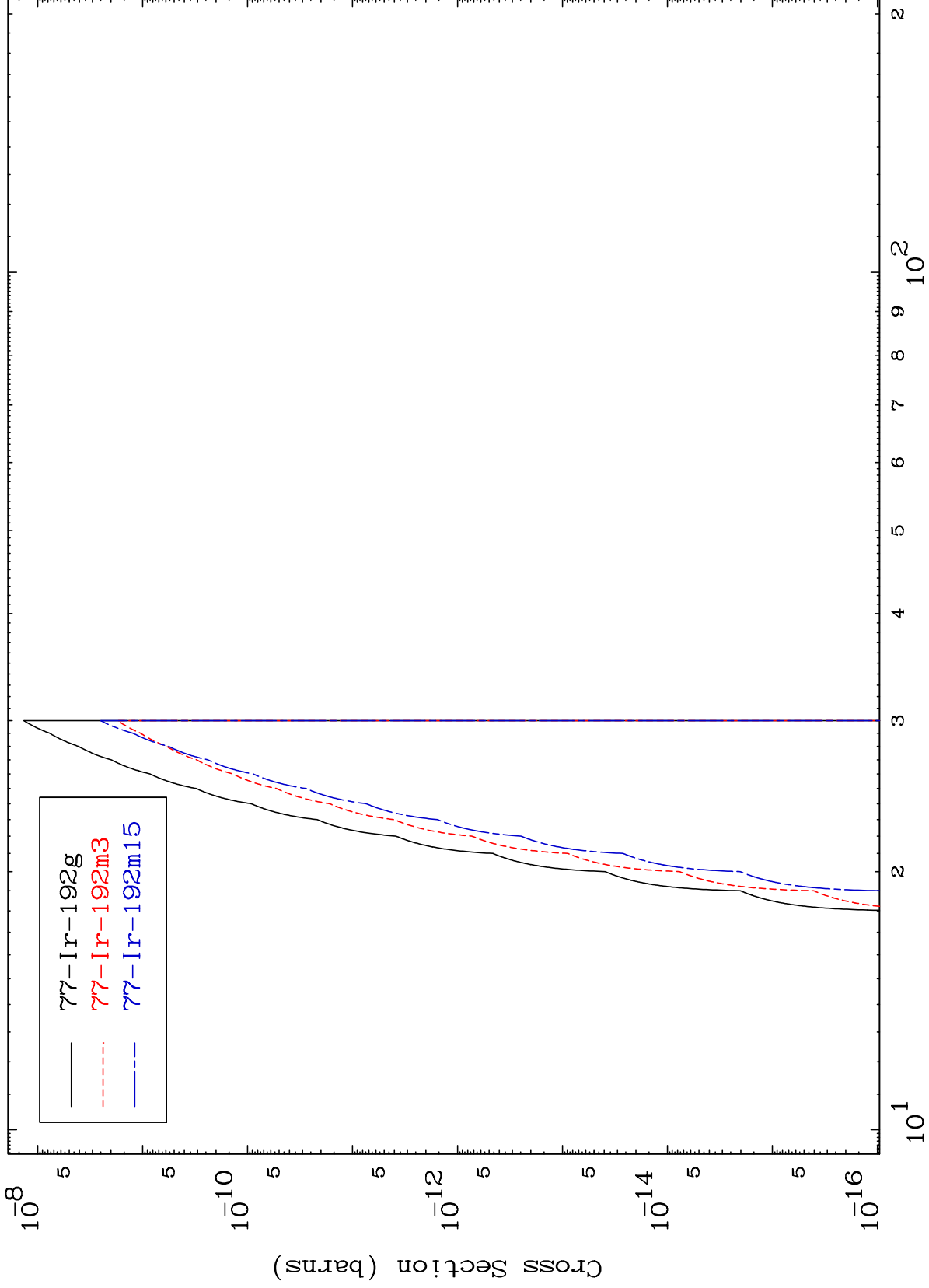


MAT 7916

(n,p) d

79-Au-194

Radionuclide Production Cross Section



52

Incident Energy (MeV)

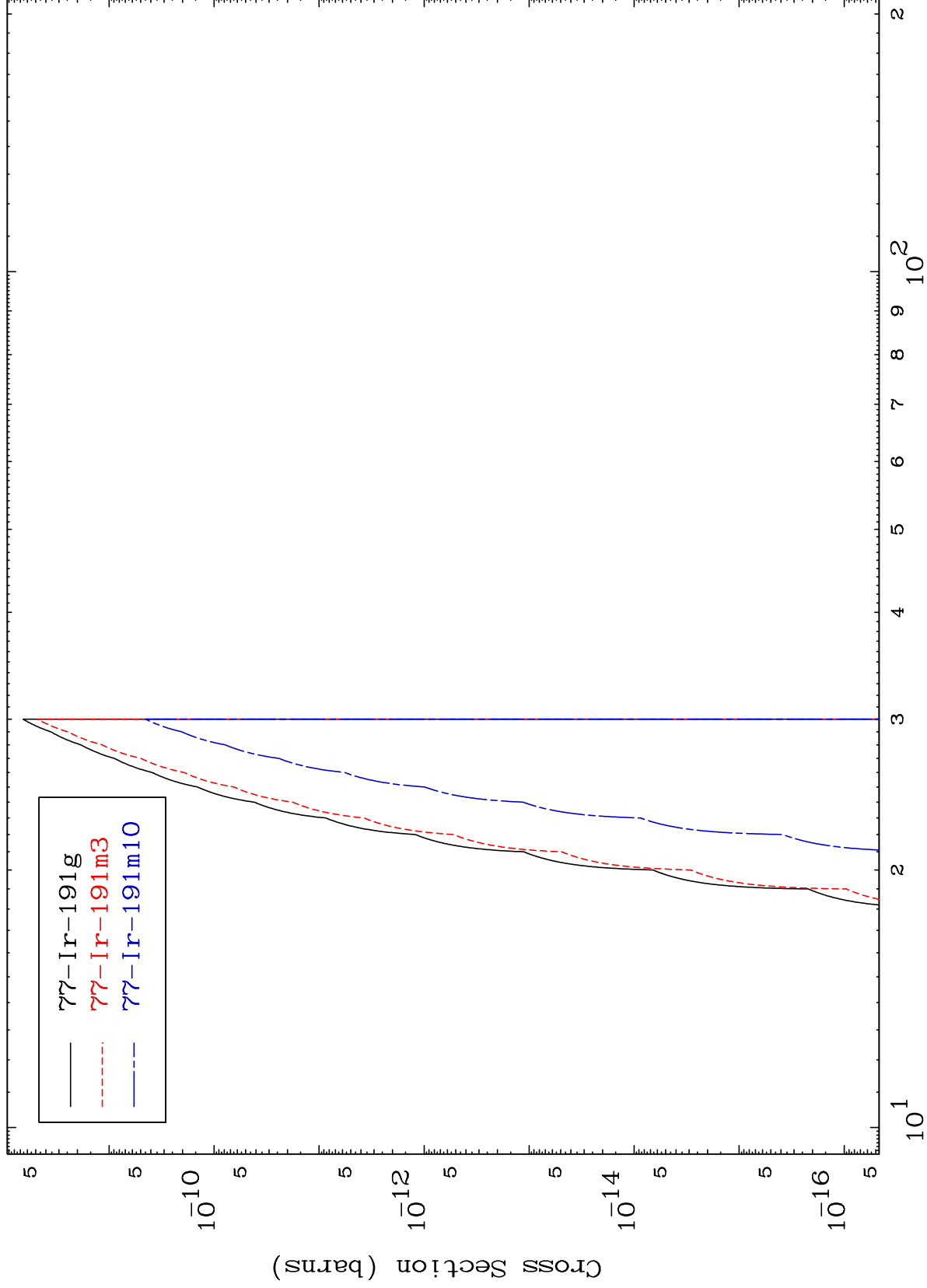
79-Au-194

MAT 7916

(n,p) t

<sup>79</sup>Au-194

Radionuclide Production Cross Section



53

Incident Energy (MeV)

<sup>79</sup>Au-194

Radionuclide Production Cross Section

