

Program EVALPLOT  
(Version 2018-1)

by

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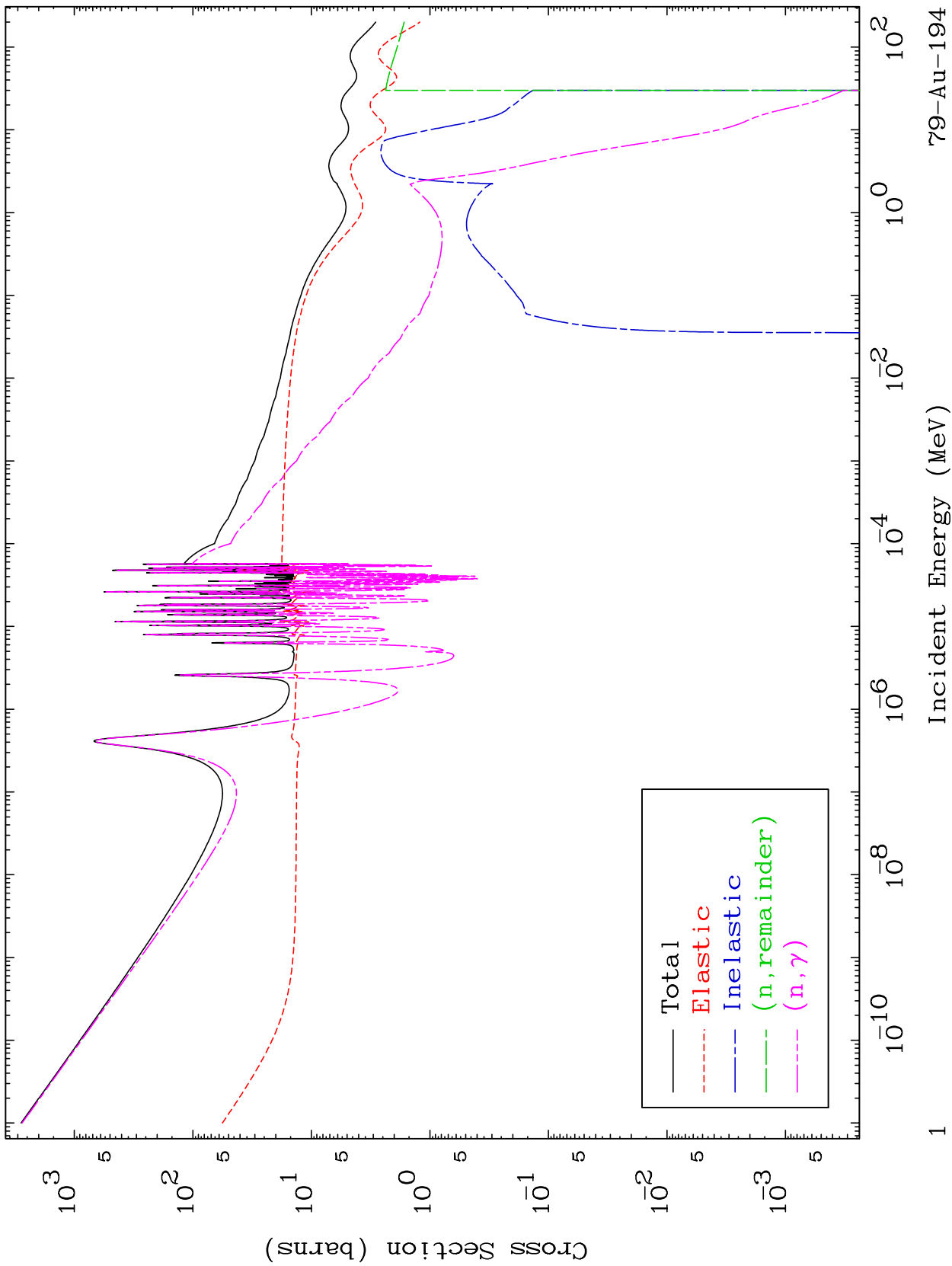
Press Mouse Button to Start

MAT 7916

Major

293 Kelvin Cross Sections

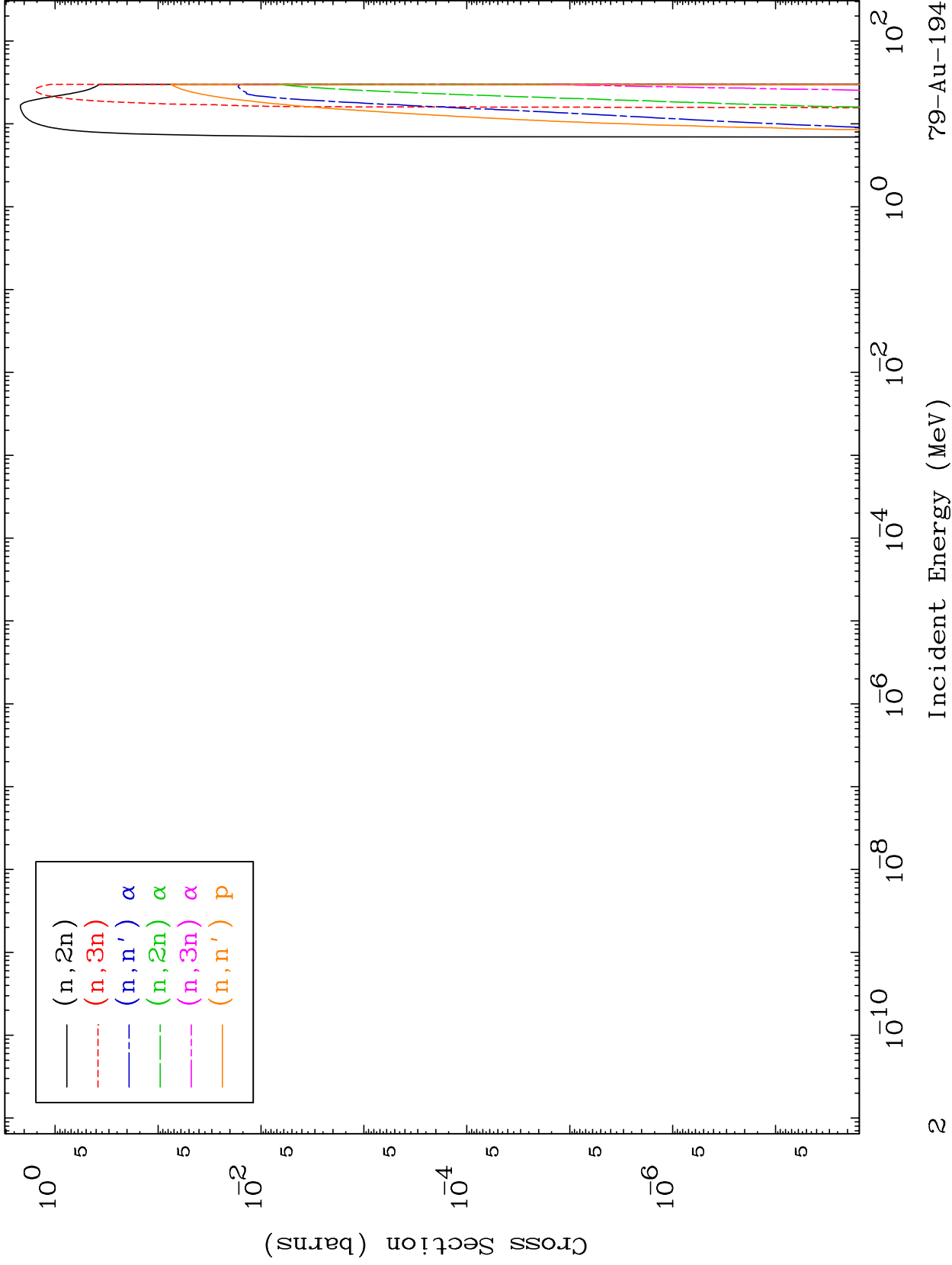
79-Au-194

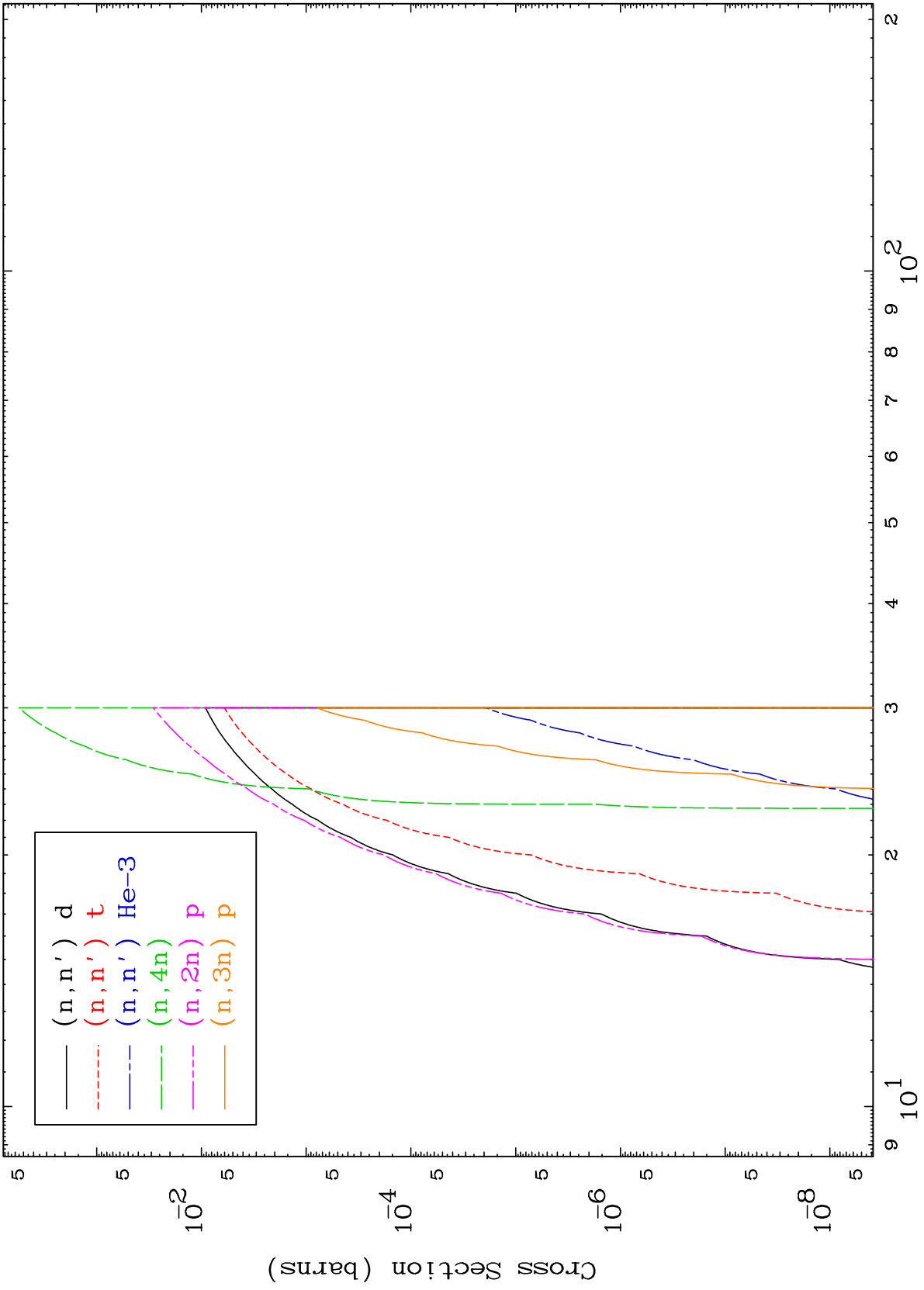


MAT 7916

Neutron Production  
293 Kelvin Cross Sections

79-Au-194

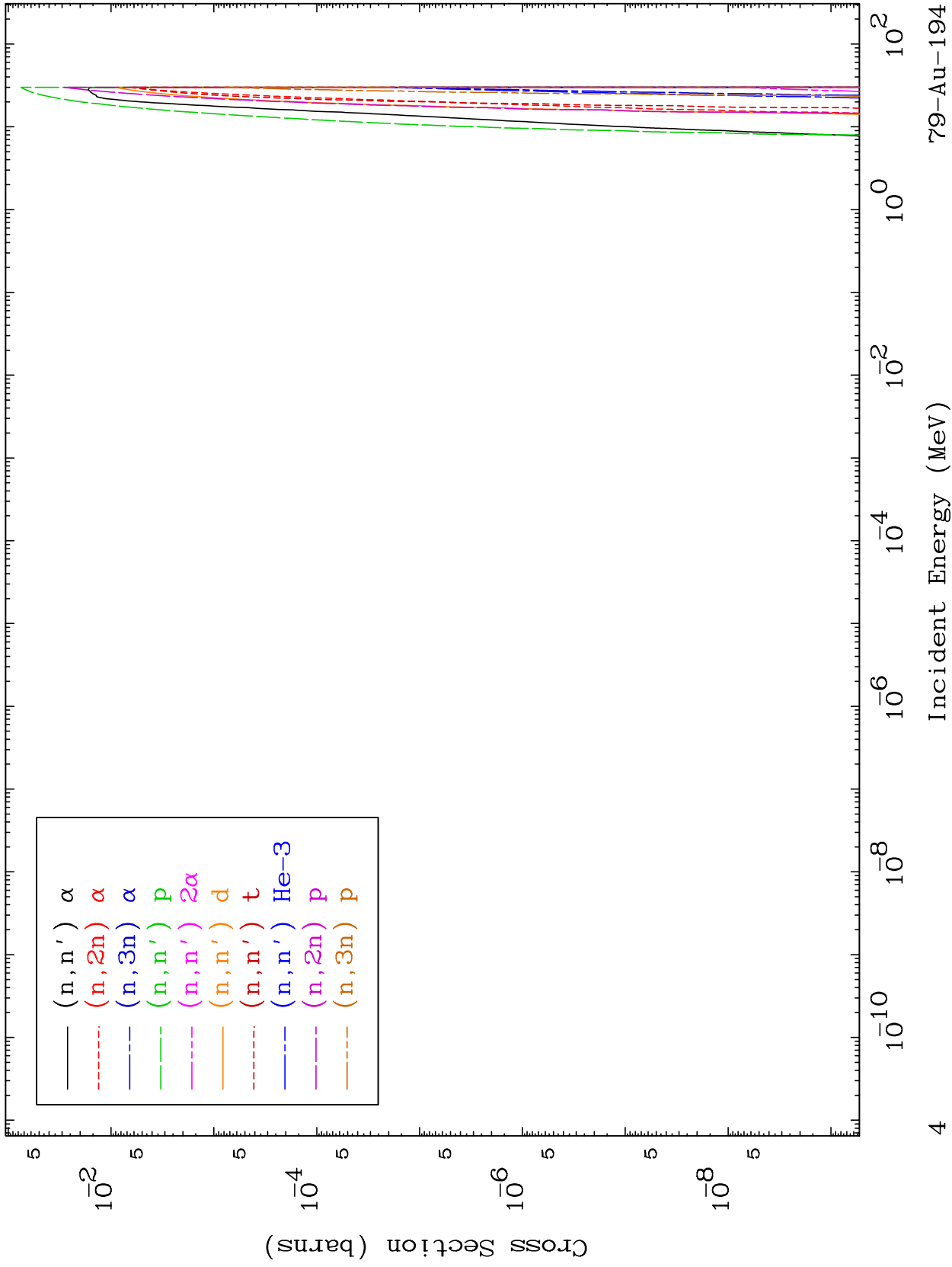




MAT 7916

Charged Particle  
293 Kelvin Cross Sections

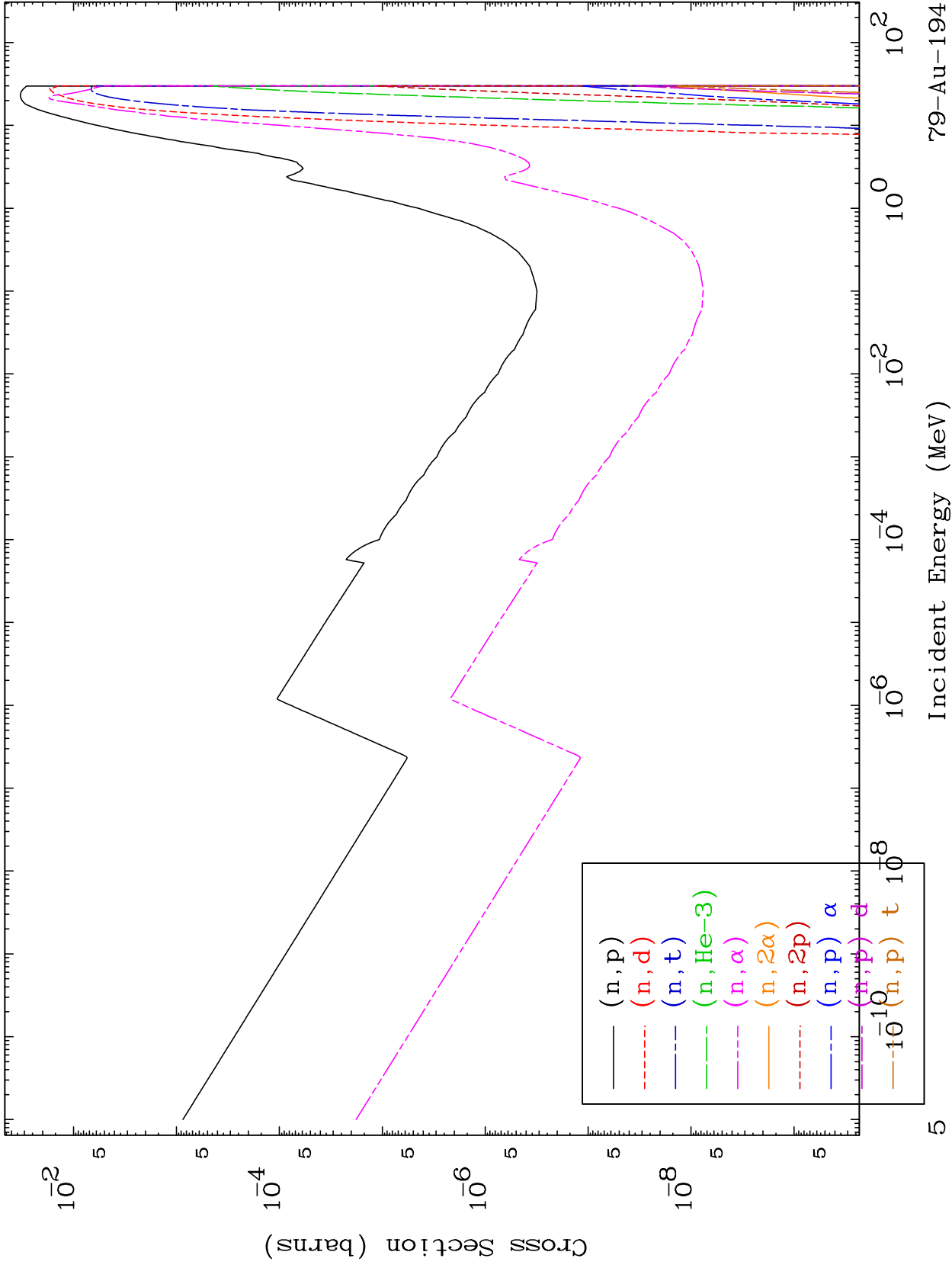
79-Au-194



MAT 7916

Charged Particle  
293 Kelvin Cross Sections

79-Au-194



79-Au-194

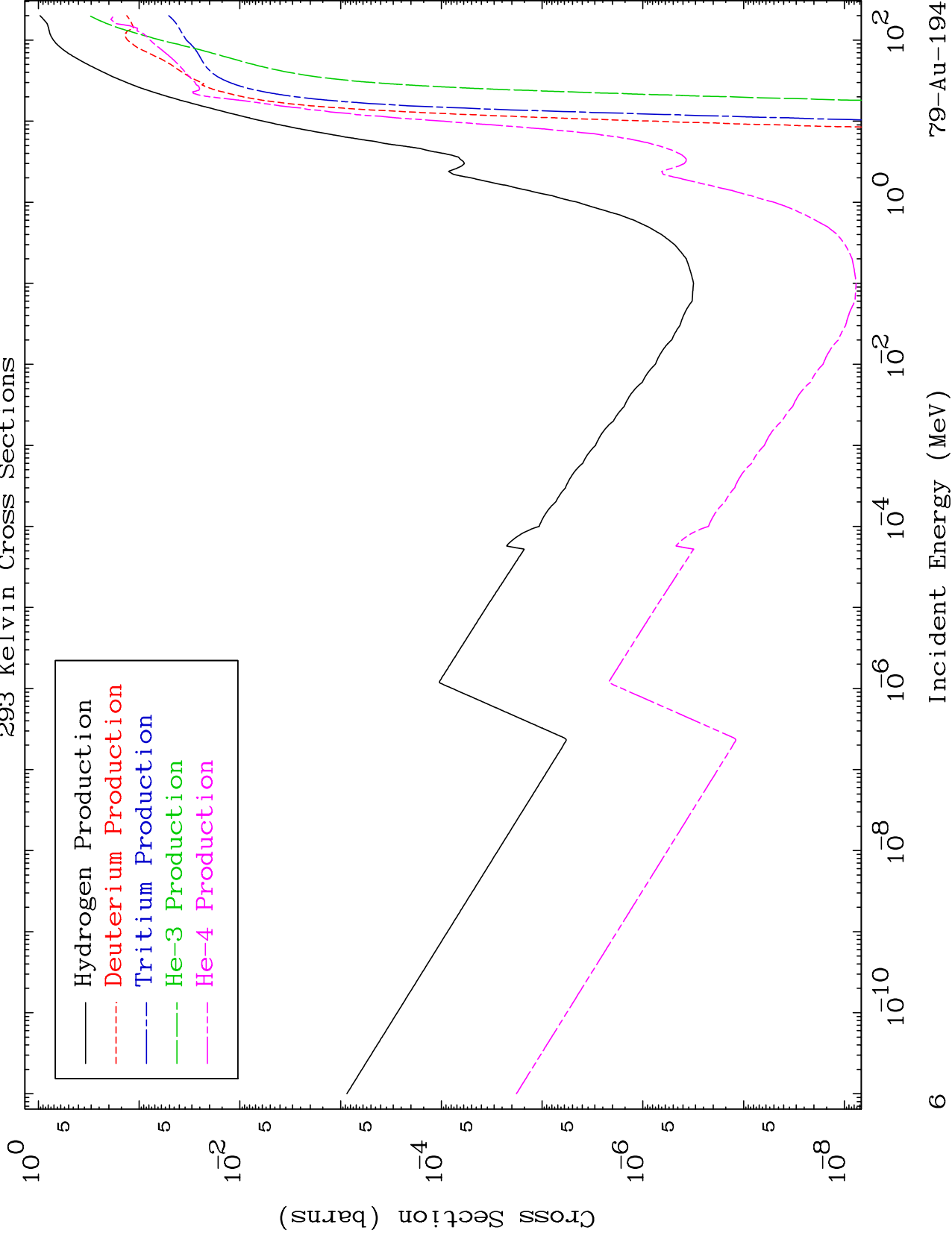
Incident Energy (MeV)

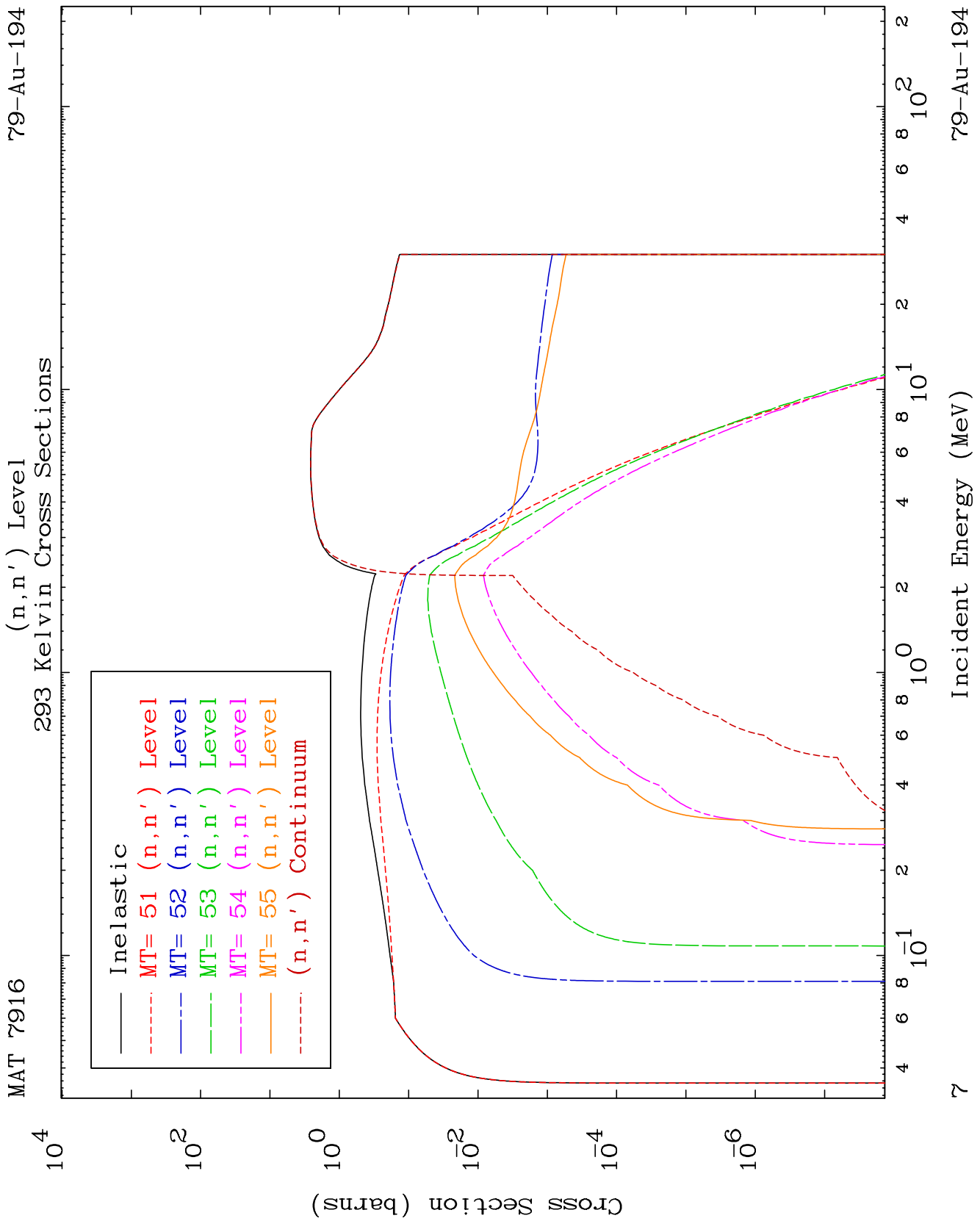
5

MAT 7916

Particle Production  
293 Kelvin Cross Sections

79-Au-194



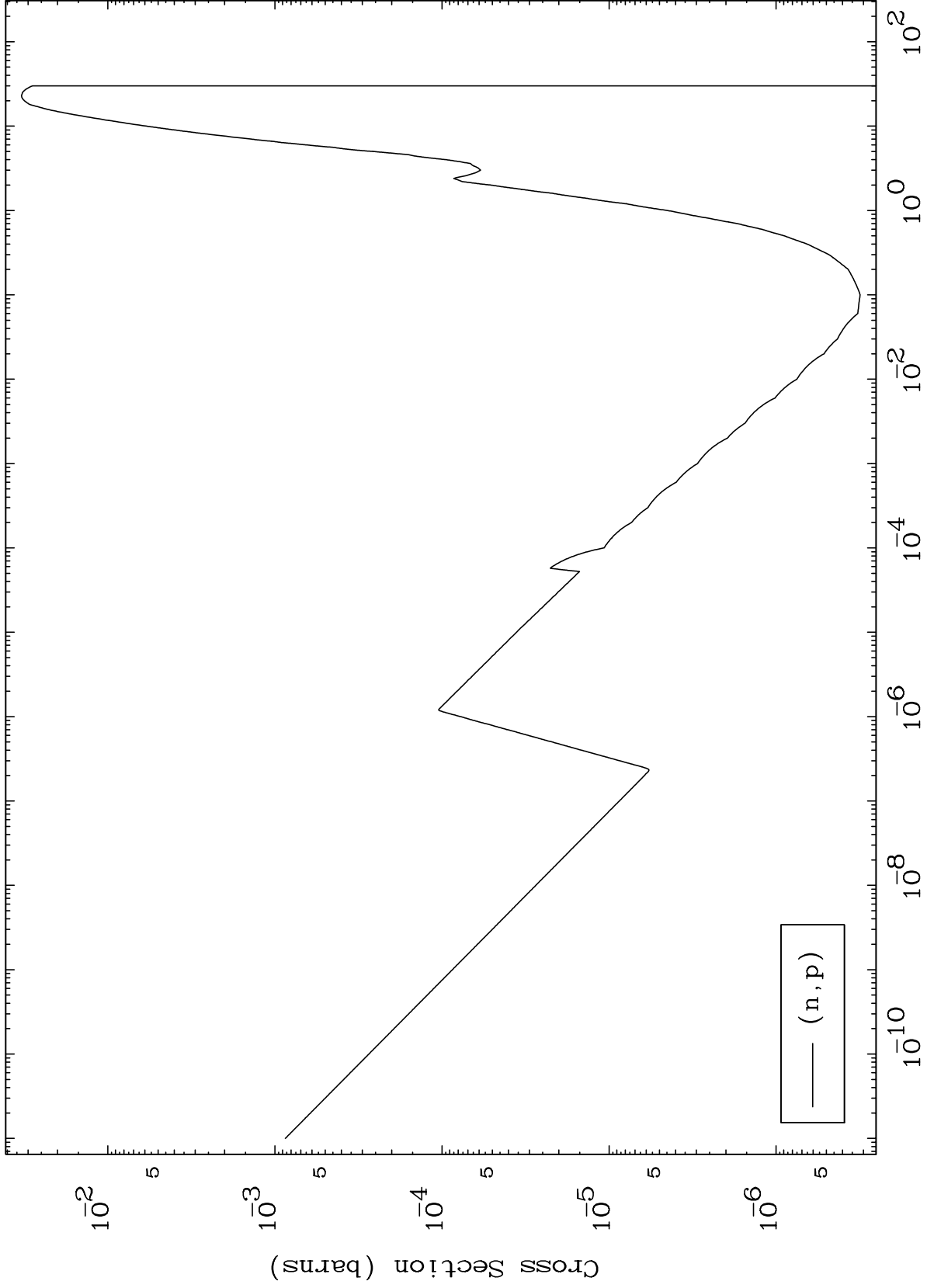




MAT 7916

(n,p) Levels  
293 Kelvin Cross Sections

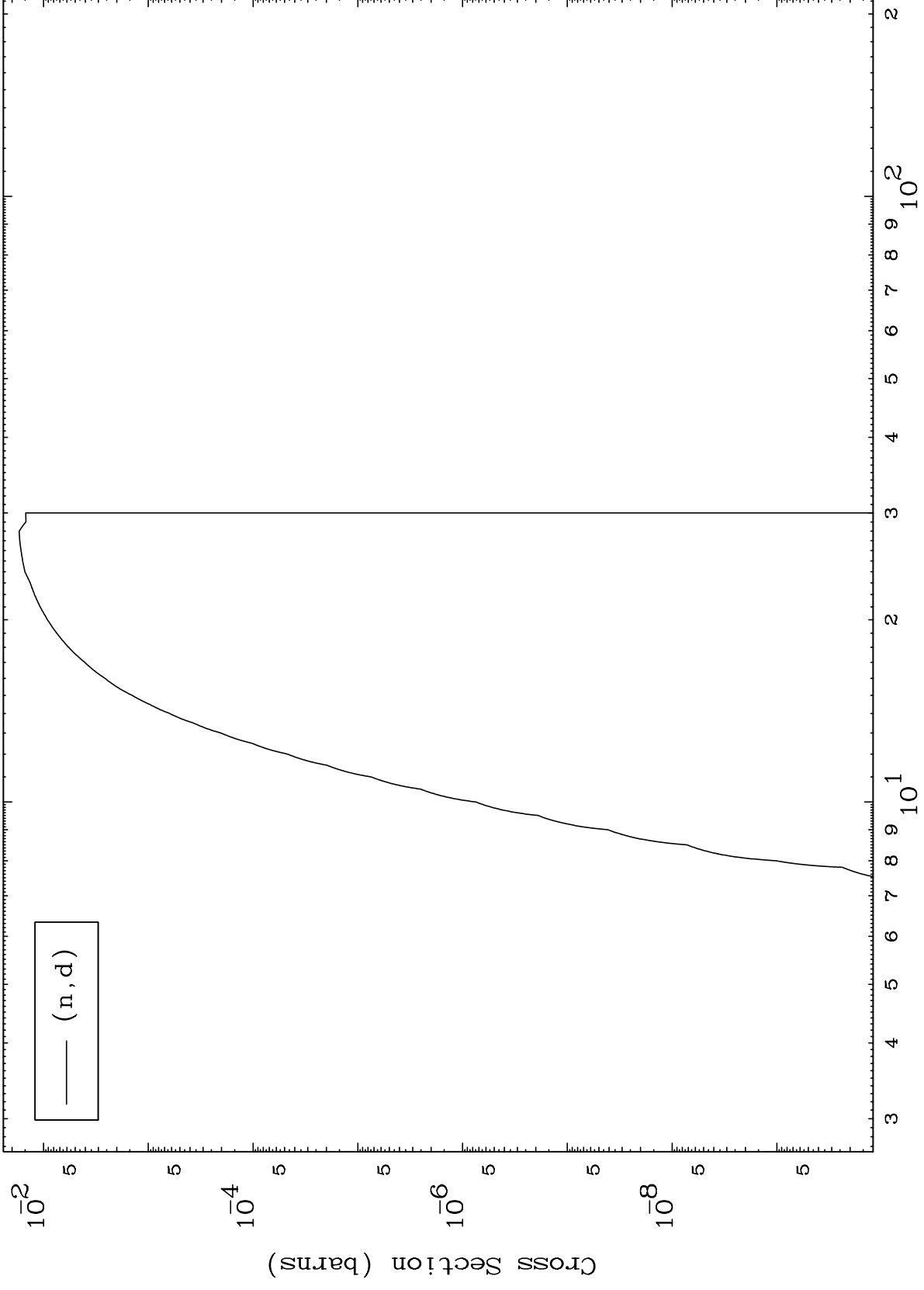
79-Au-194



MAT 7916

(n,d) Levels  
293 Kelvin Cross Sections

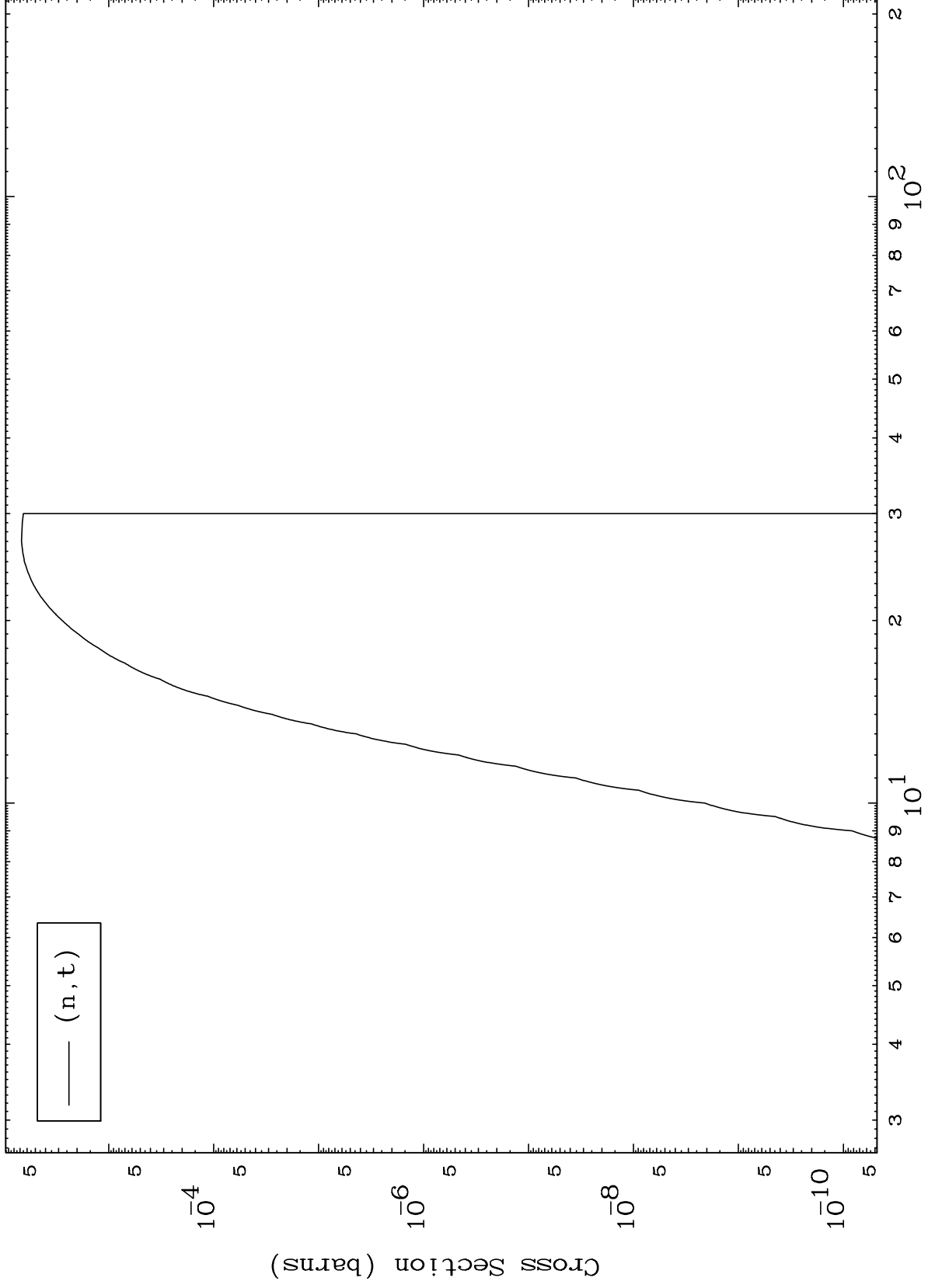
79-Au-194



MAT 7916

(n,t) Levels  
293 Kelvin Cross Sections

79-Au-194



(n,t)

10

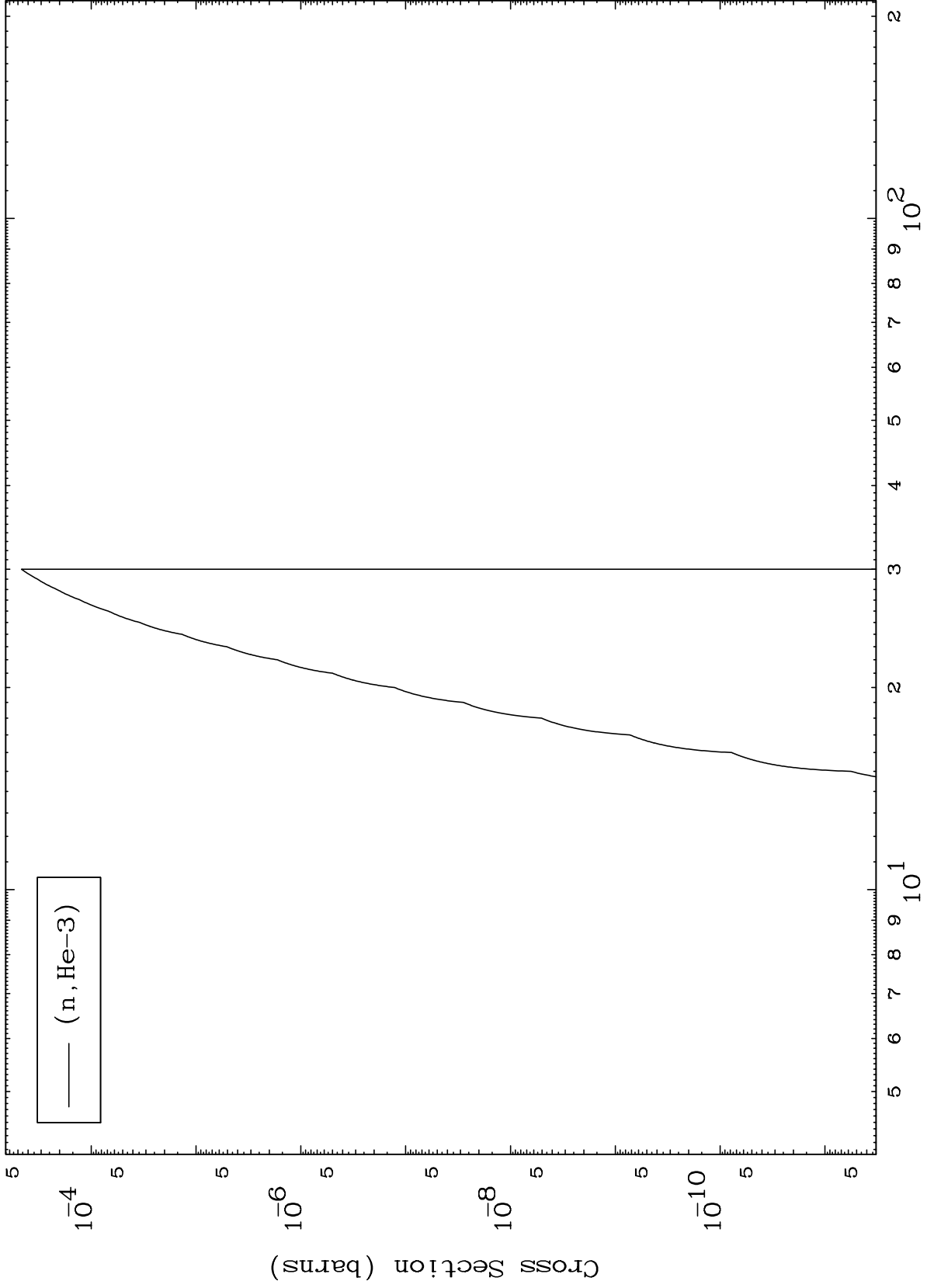
Incident Energy (MeV)

79-Au-194

MAT 7916

(n,He3) Levels  
293 Kelvin Cross Sections

79-Au-194



11

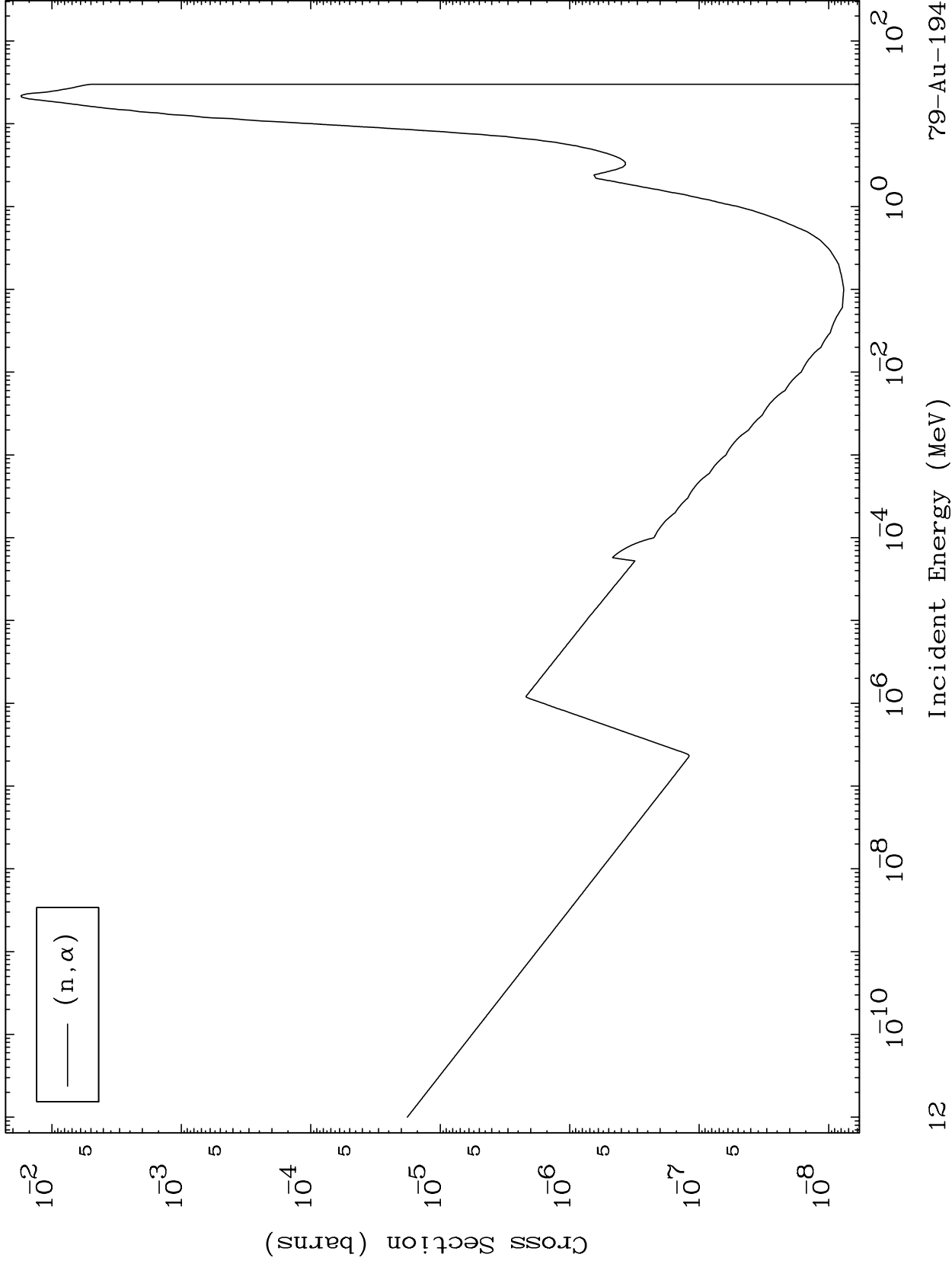
Incident Energy (MeV)

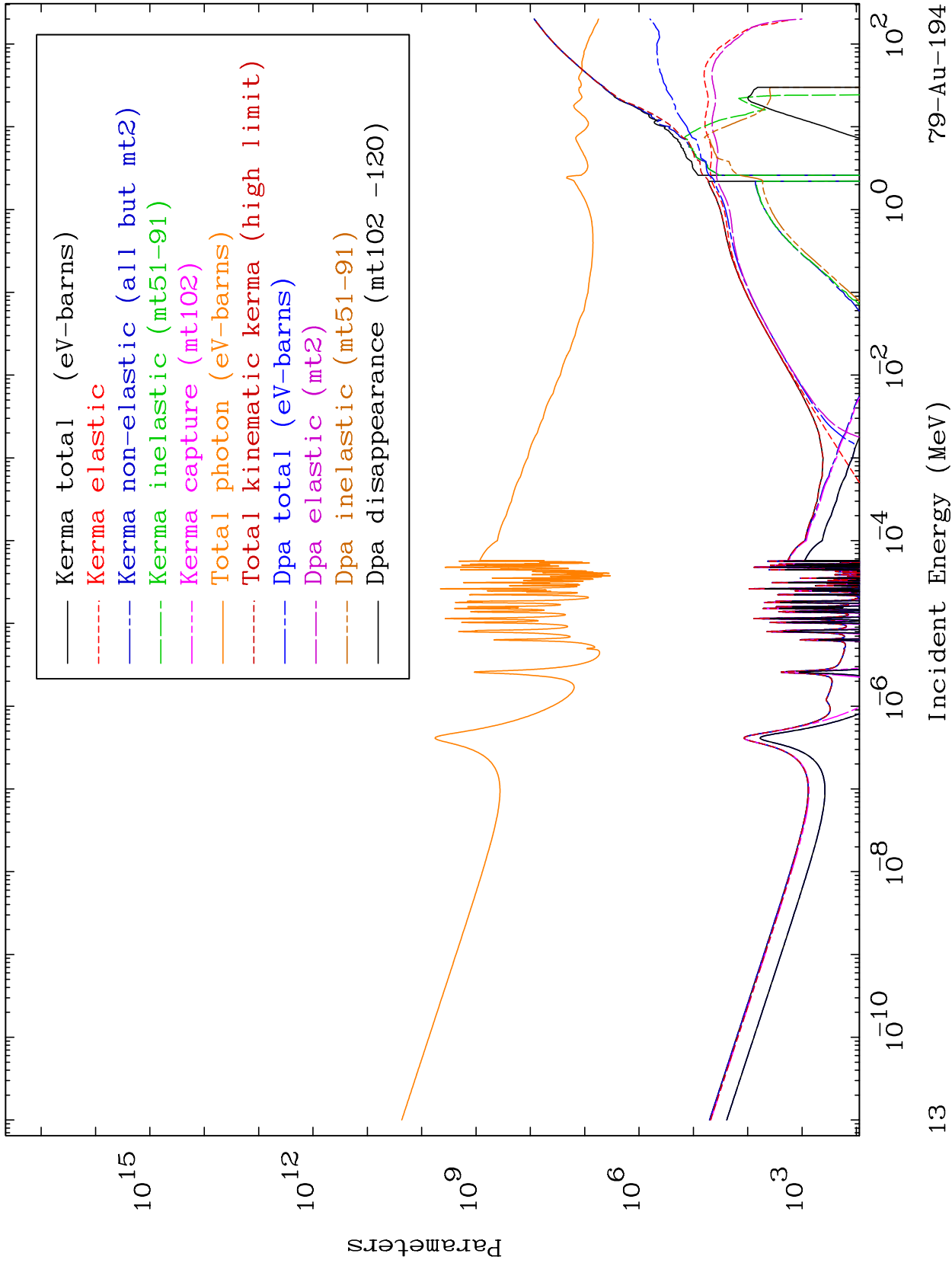
79-Au-194

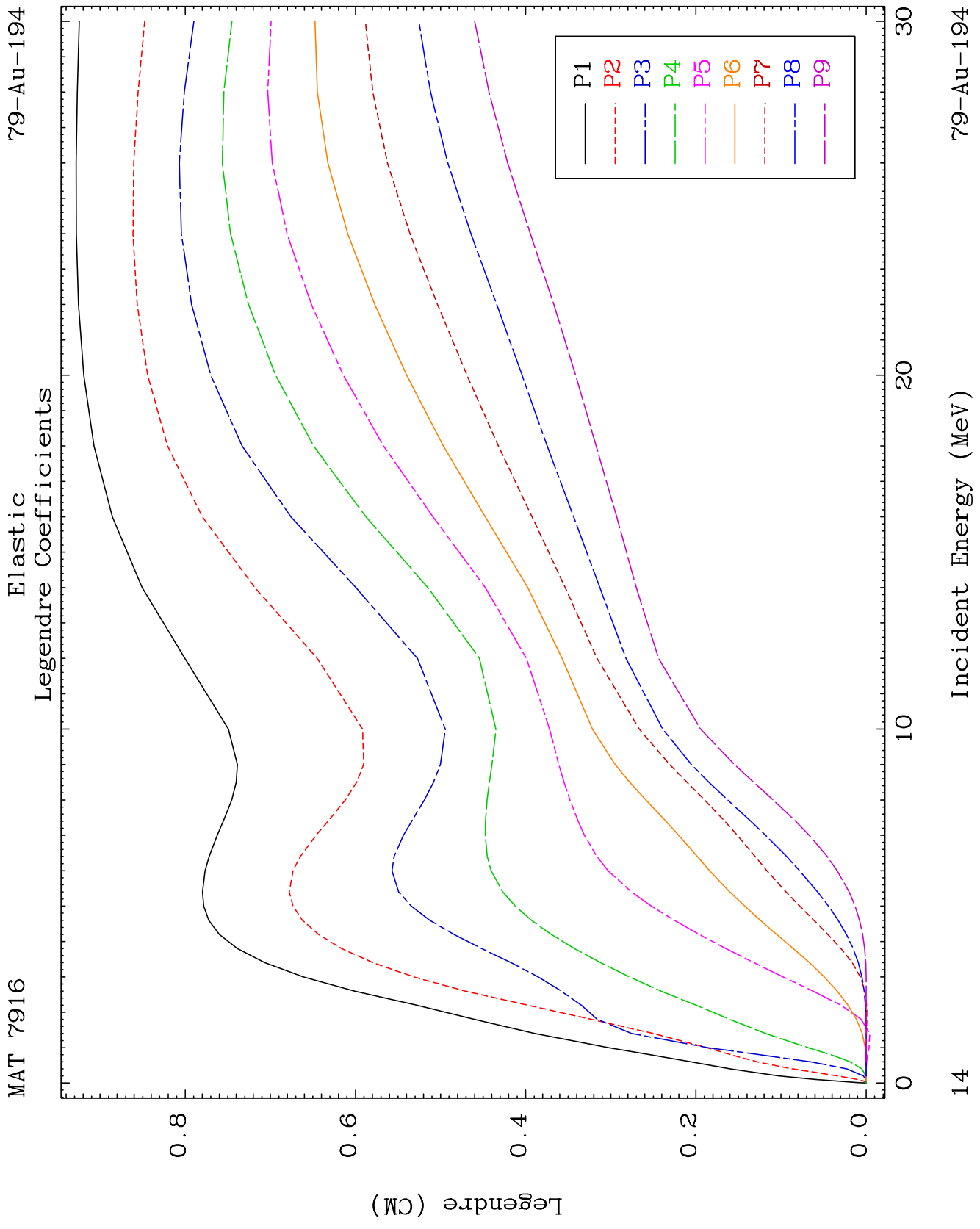
MAT 7916

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

79-Au-194







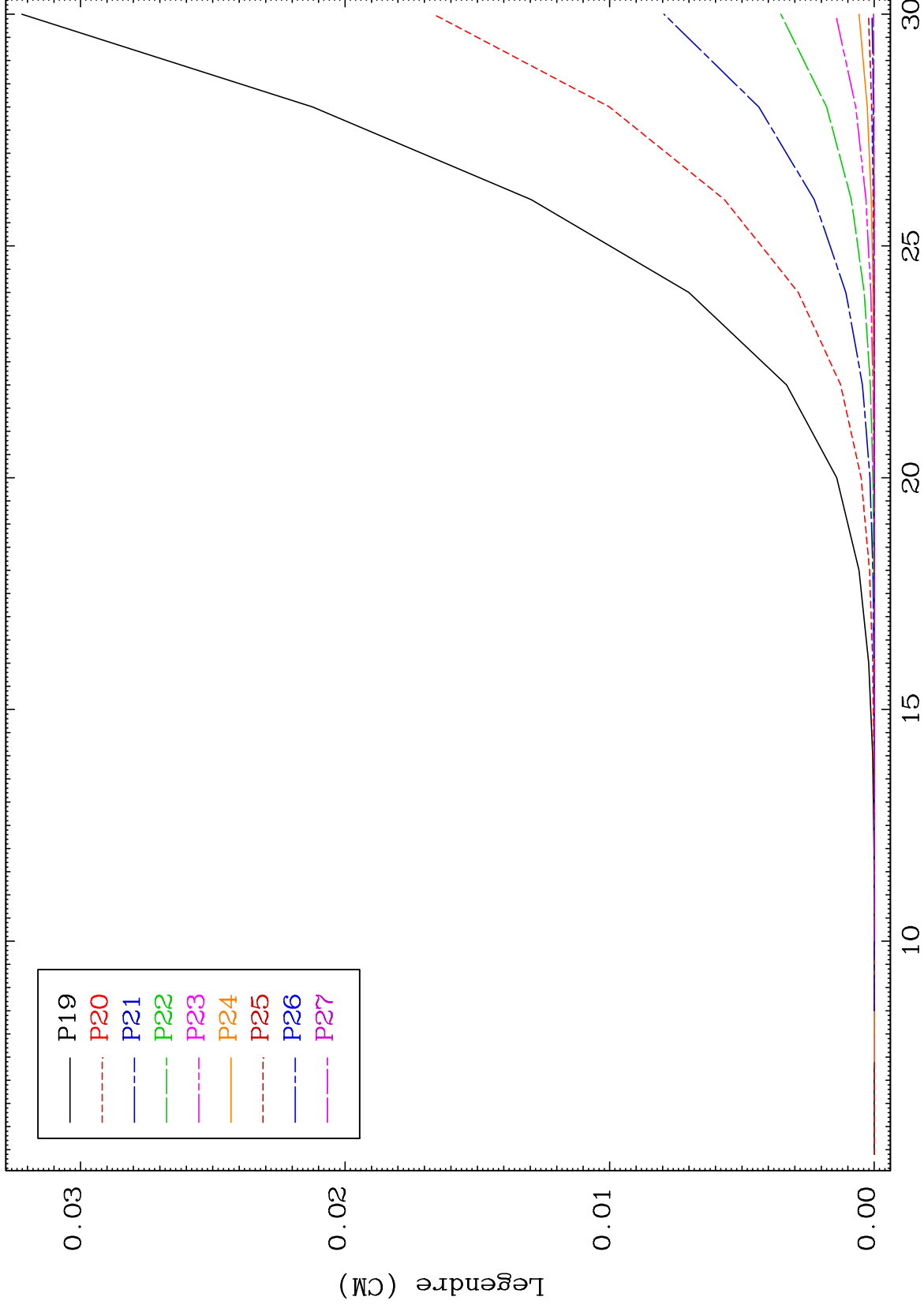




MAT 7916

Elastic Legendre Coefficients

79-Au-194



16

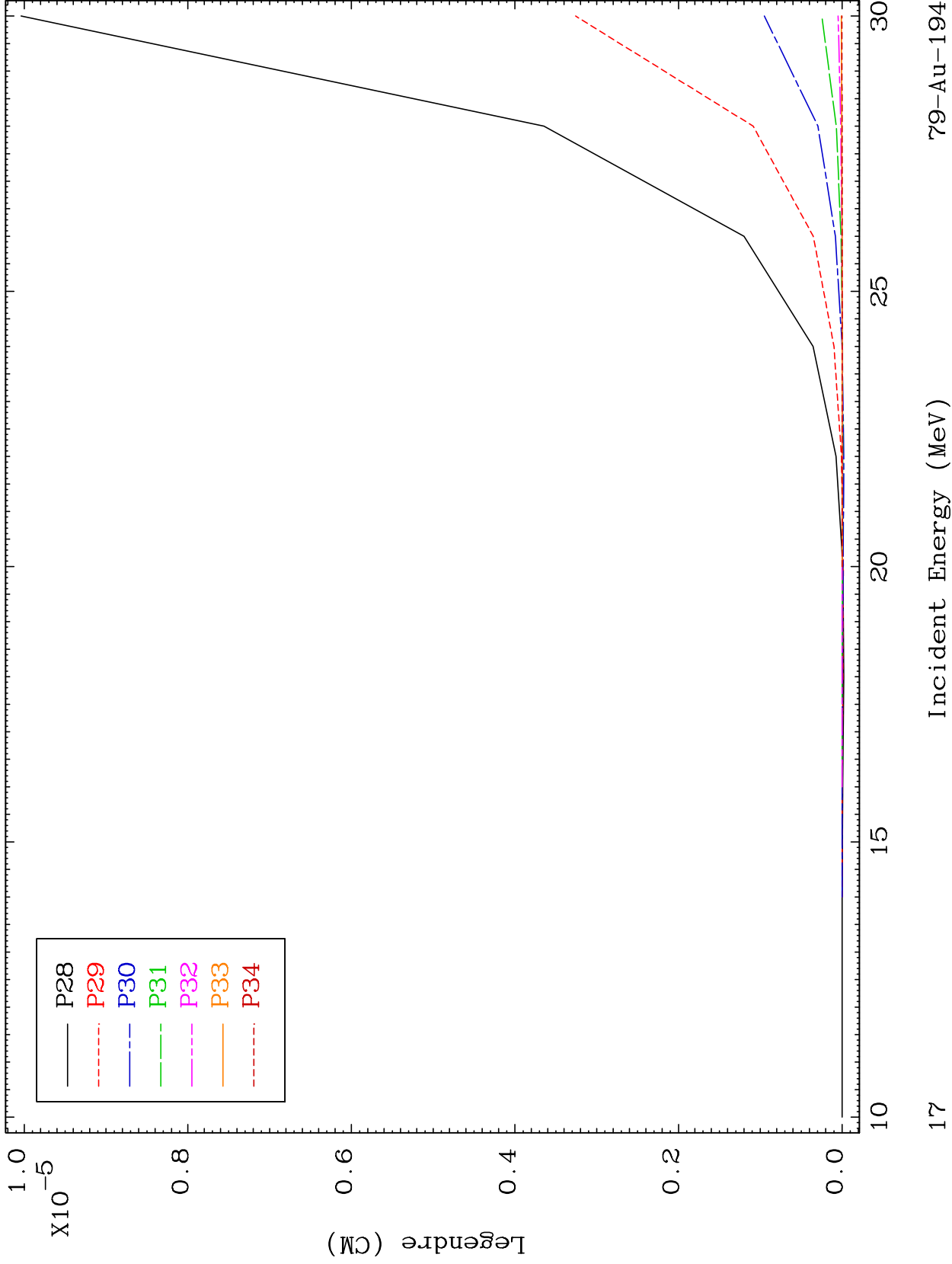
Incident Energy (MeV)

79-Au-194

MAT 7916

Elastic  
Legendre Coefficients

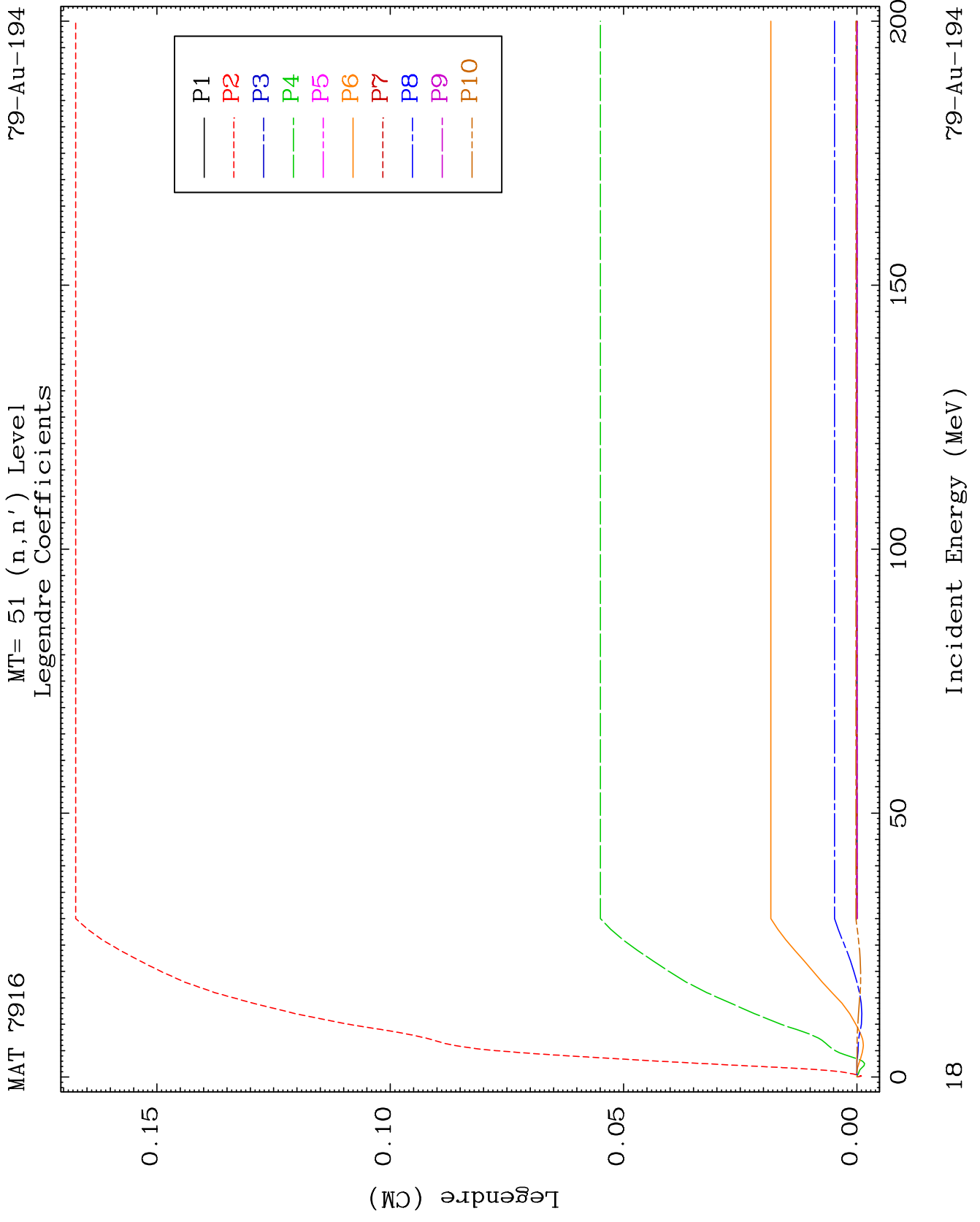
79-Au-194



17

Incident Energy (MeV)

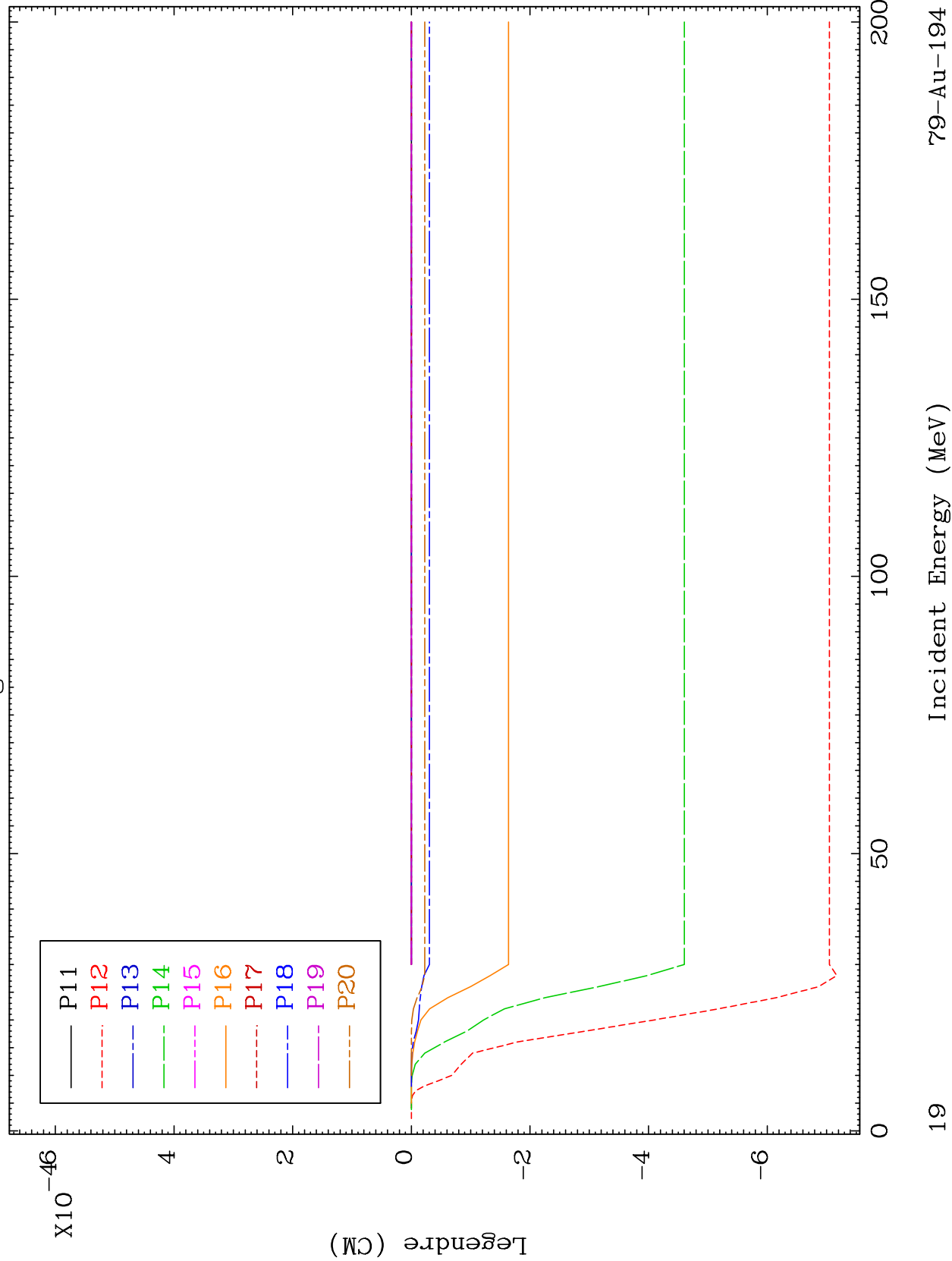
79-Au-194



MAT 7916

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

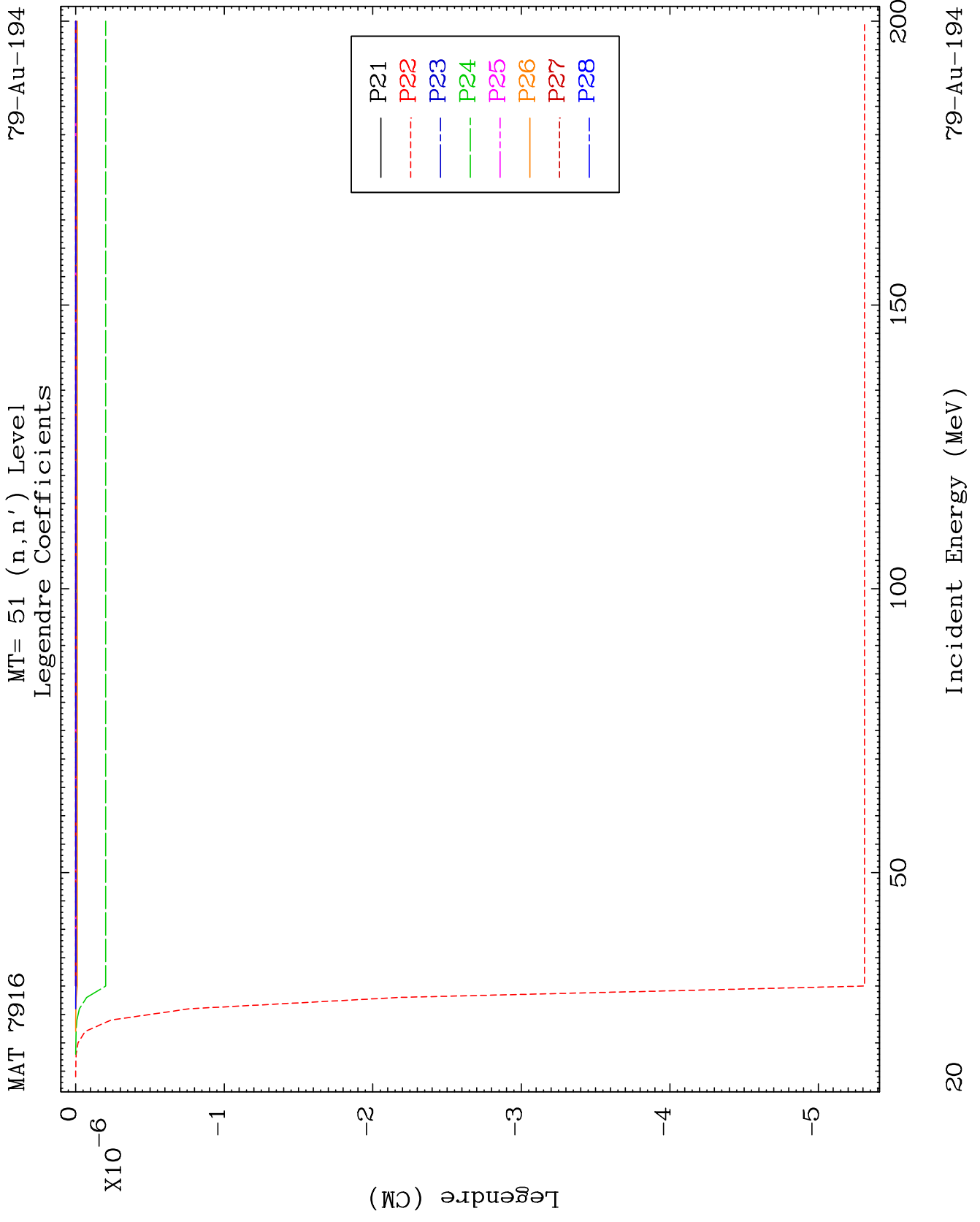
79-Au-194



19

Incident Energy (MeV)

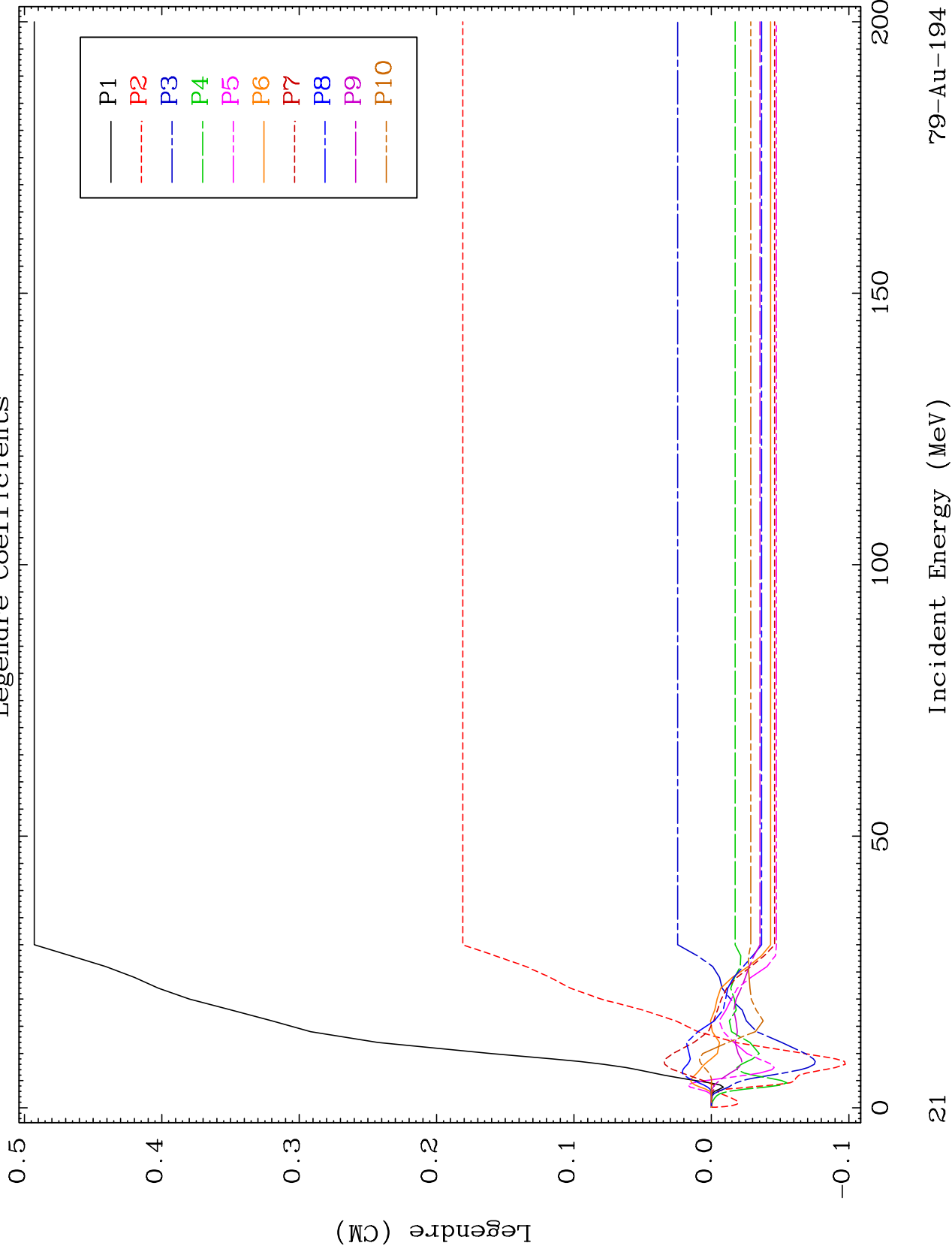
79-Au-194



MAT 7916

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

79-Au-194

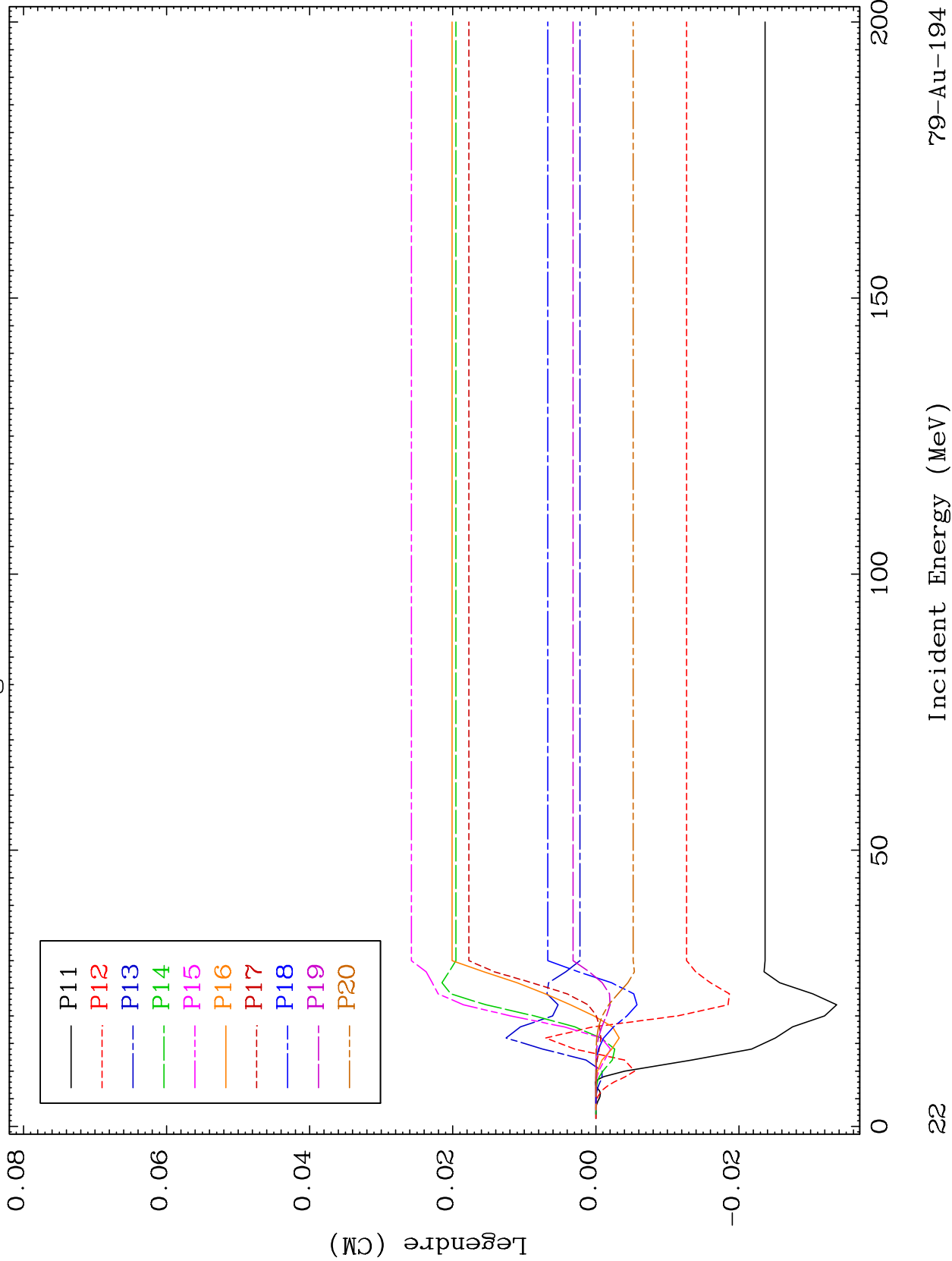


21

MAT 7916

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

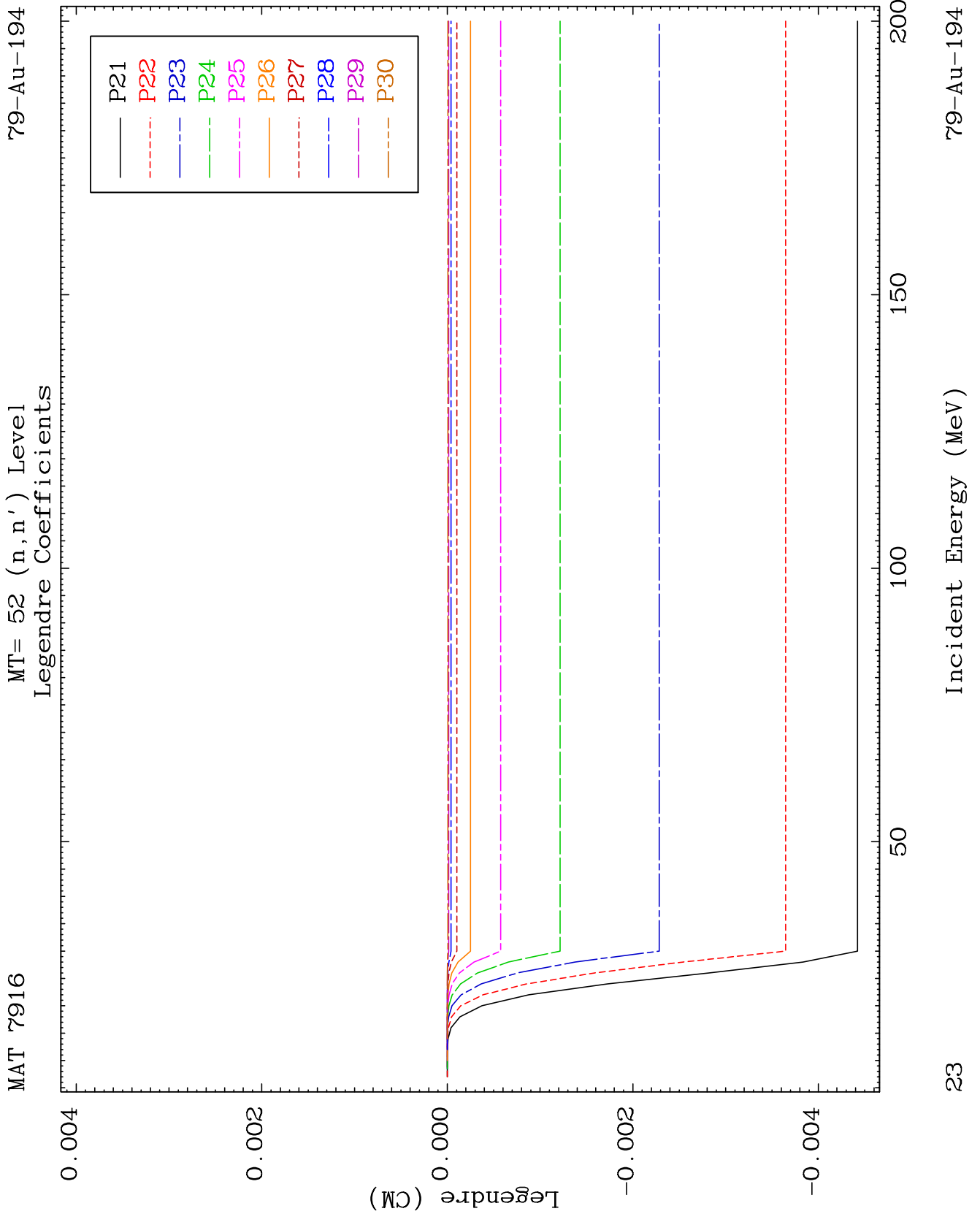
79-Au-194



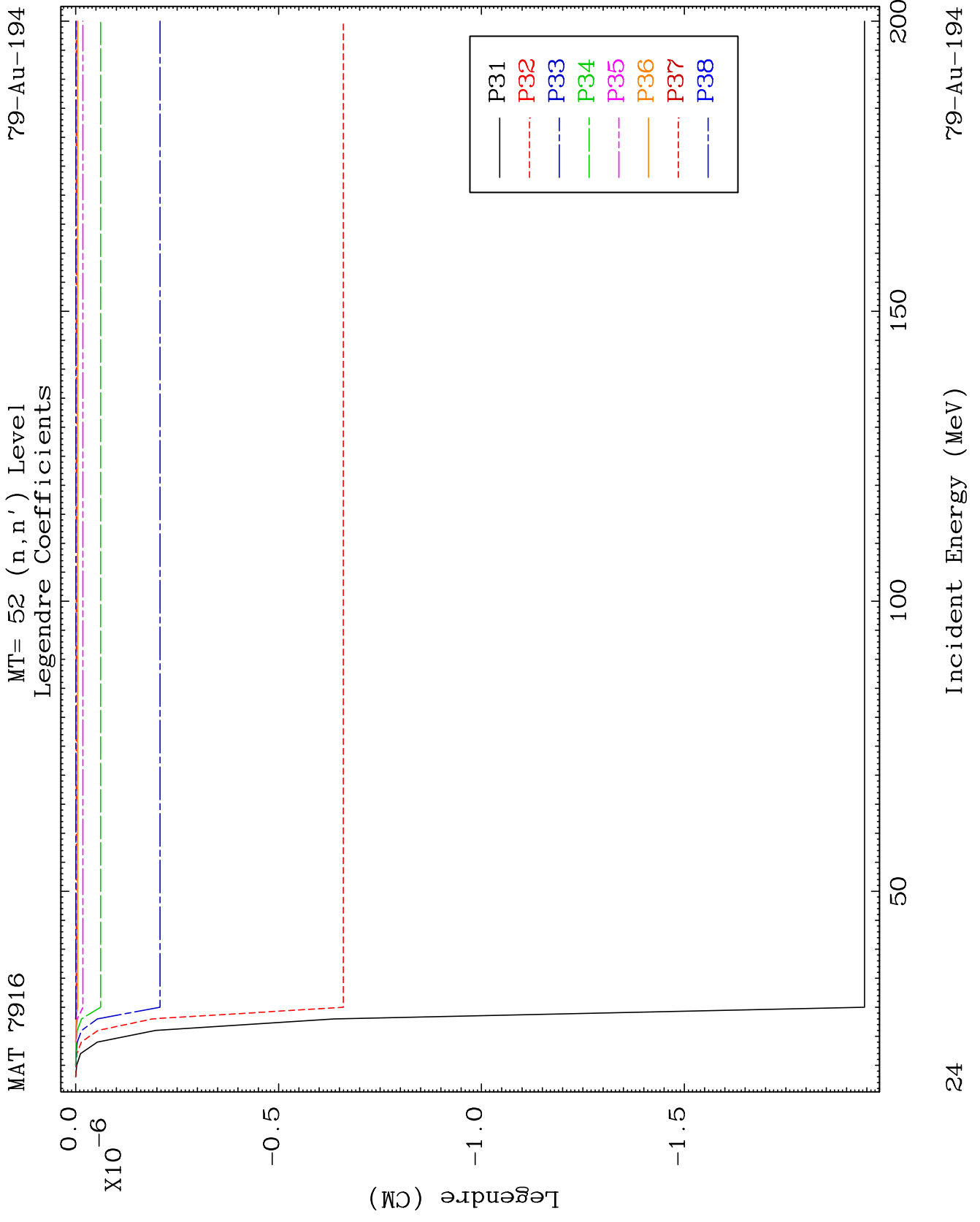
22

Incident Energy (MeV)

79-Au-194





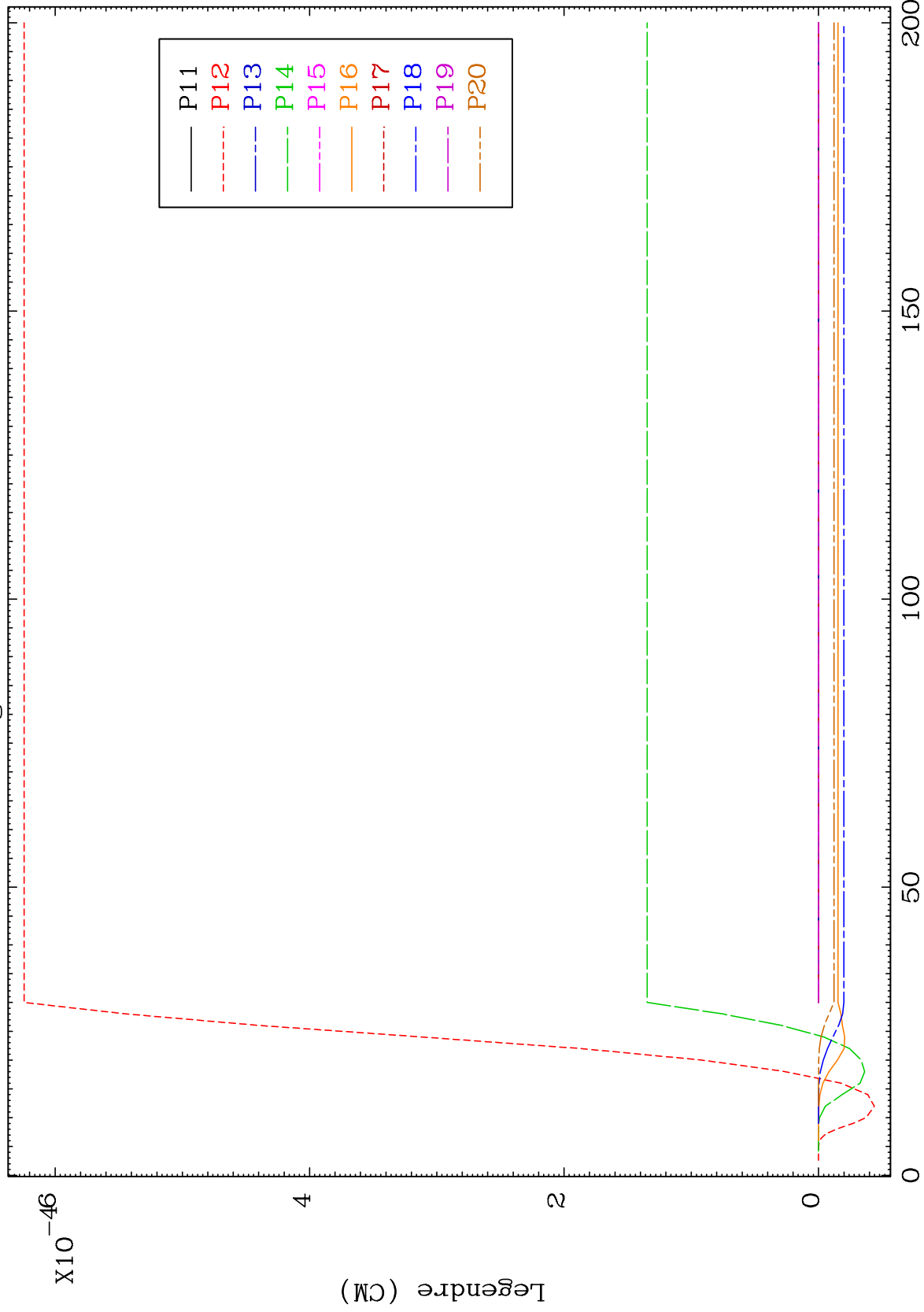




MAT 7916

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

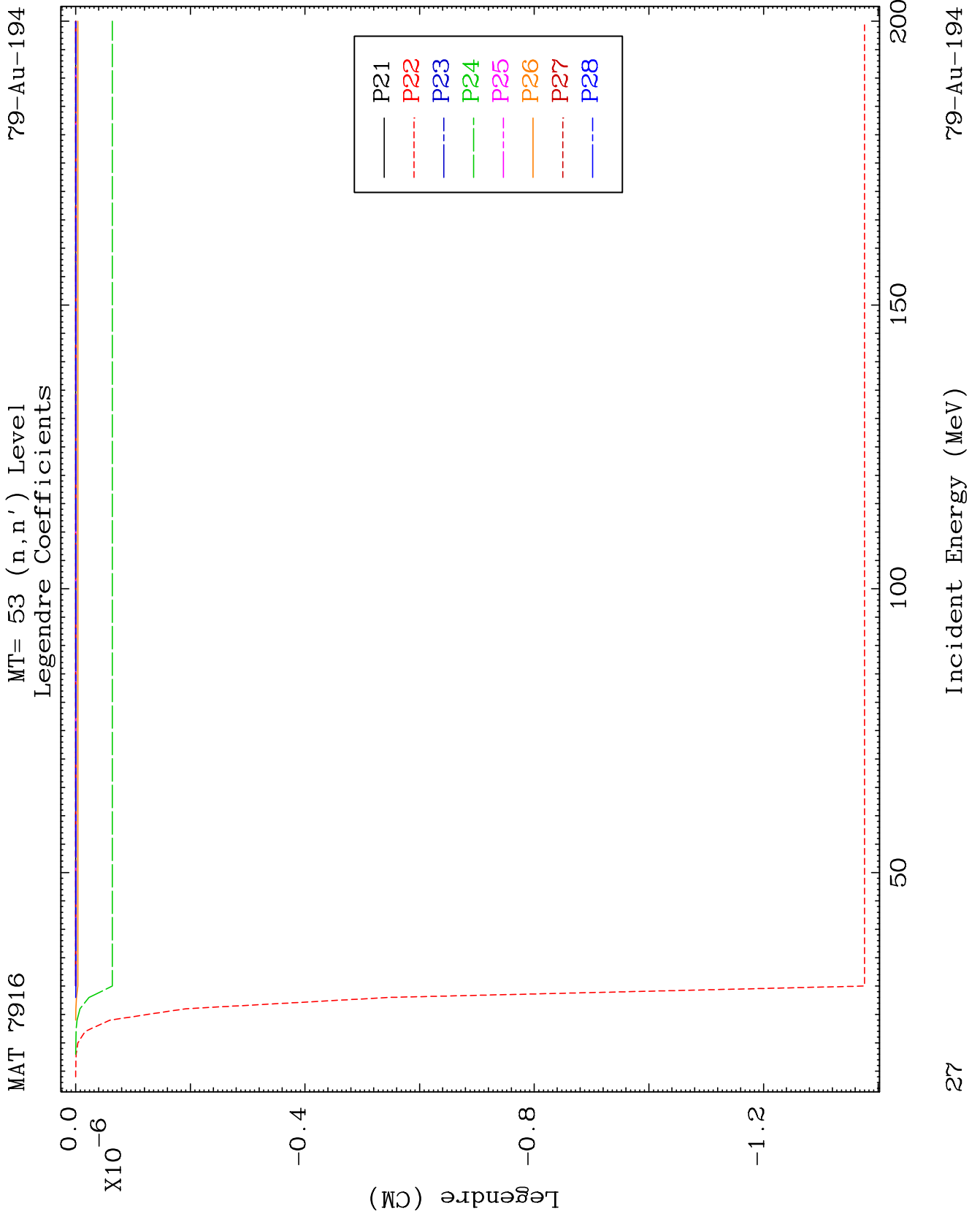
79-Au-194



26

Incident Energy (MeV)

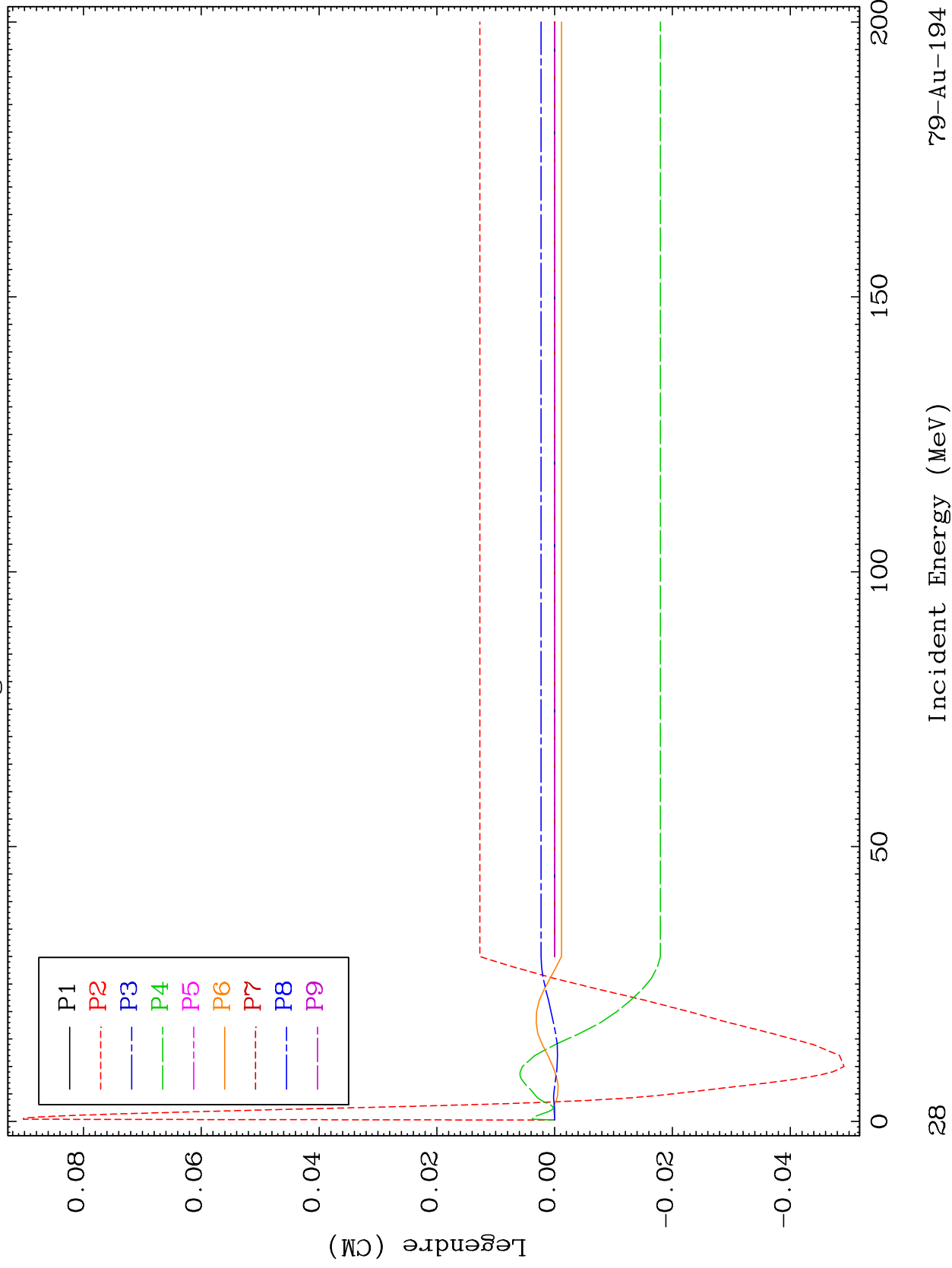
79-Au-194



MAT 7916

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

79-Au-194



79-Au-194

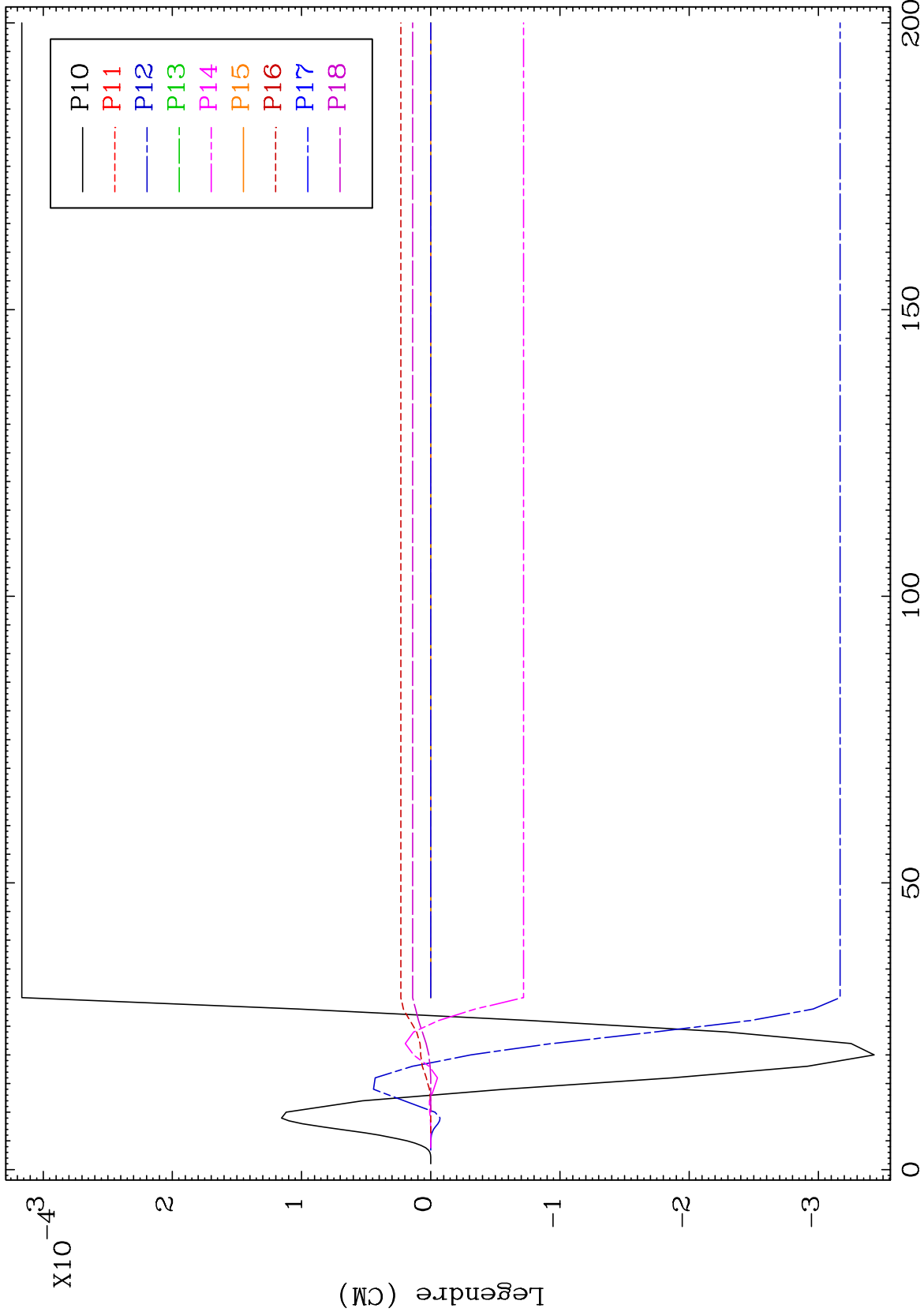
Incident Energy (MeV)

28

MAT 7916

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

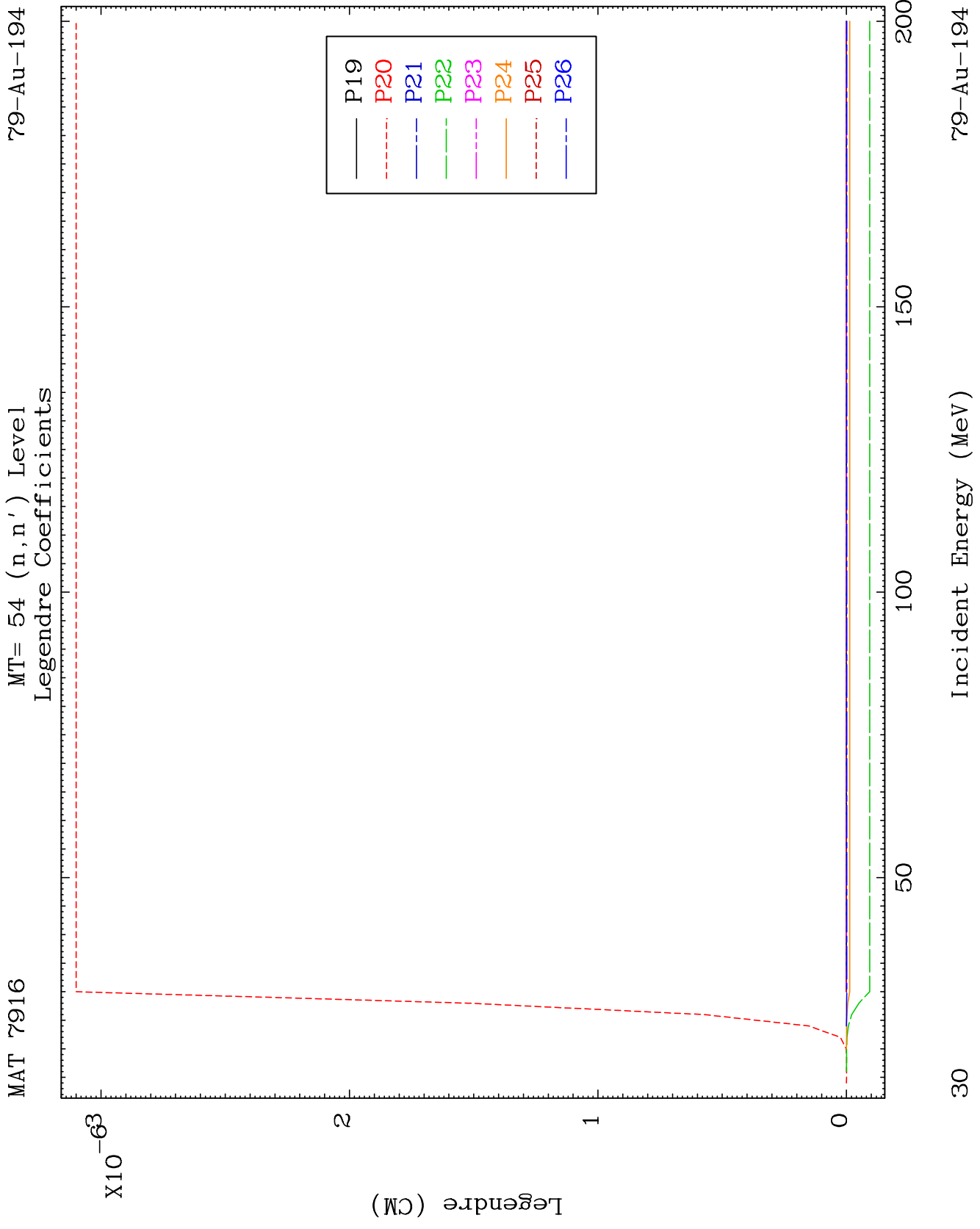
79-Au-194



29

Incident Energy (MeV)

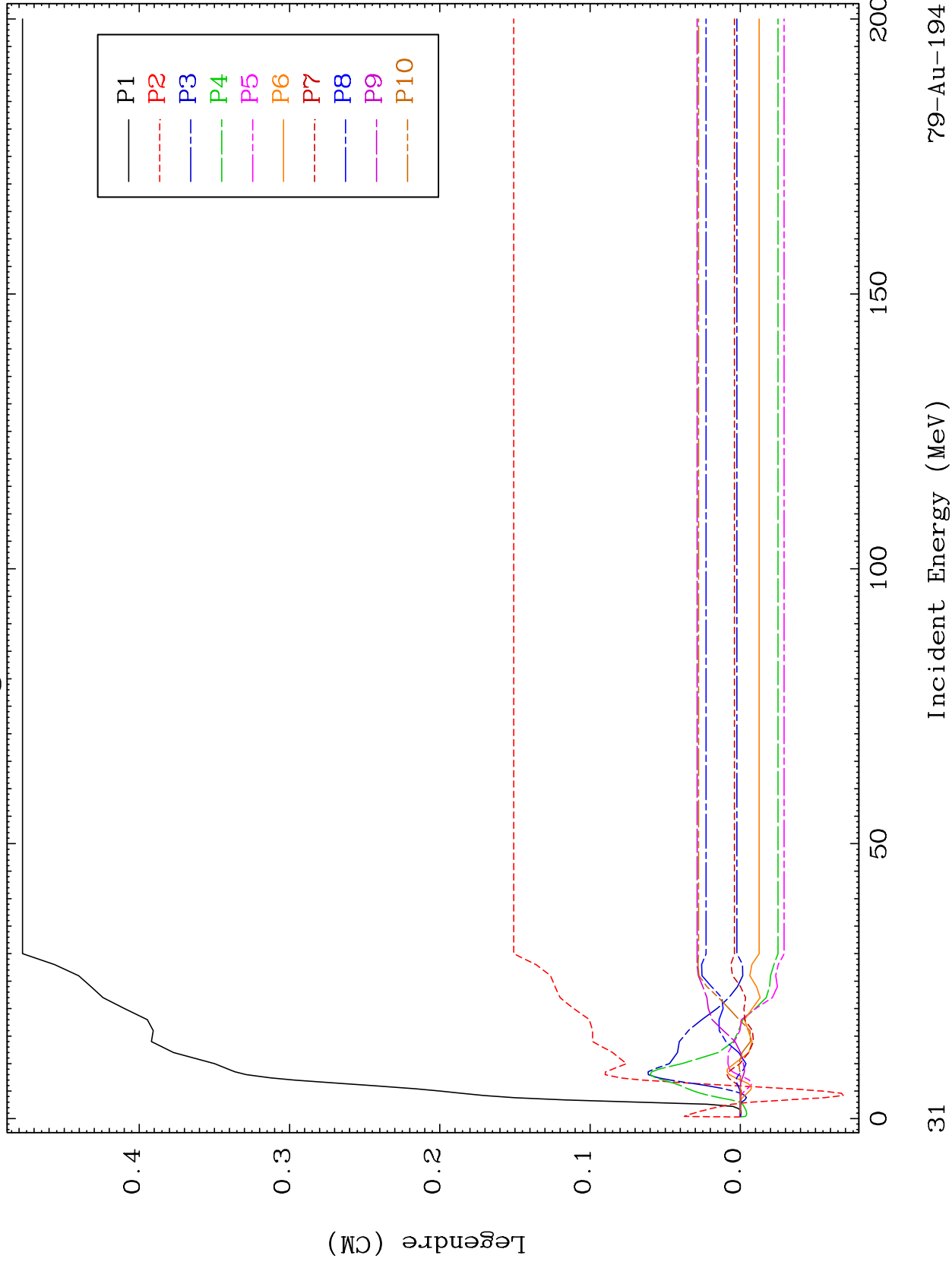
79-Au-194



MAT 7916

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

79-Au-194



79-Au-194

Incident Energy (MeV)

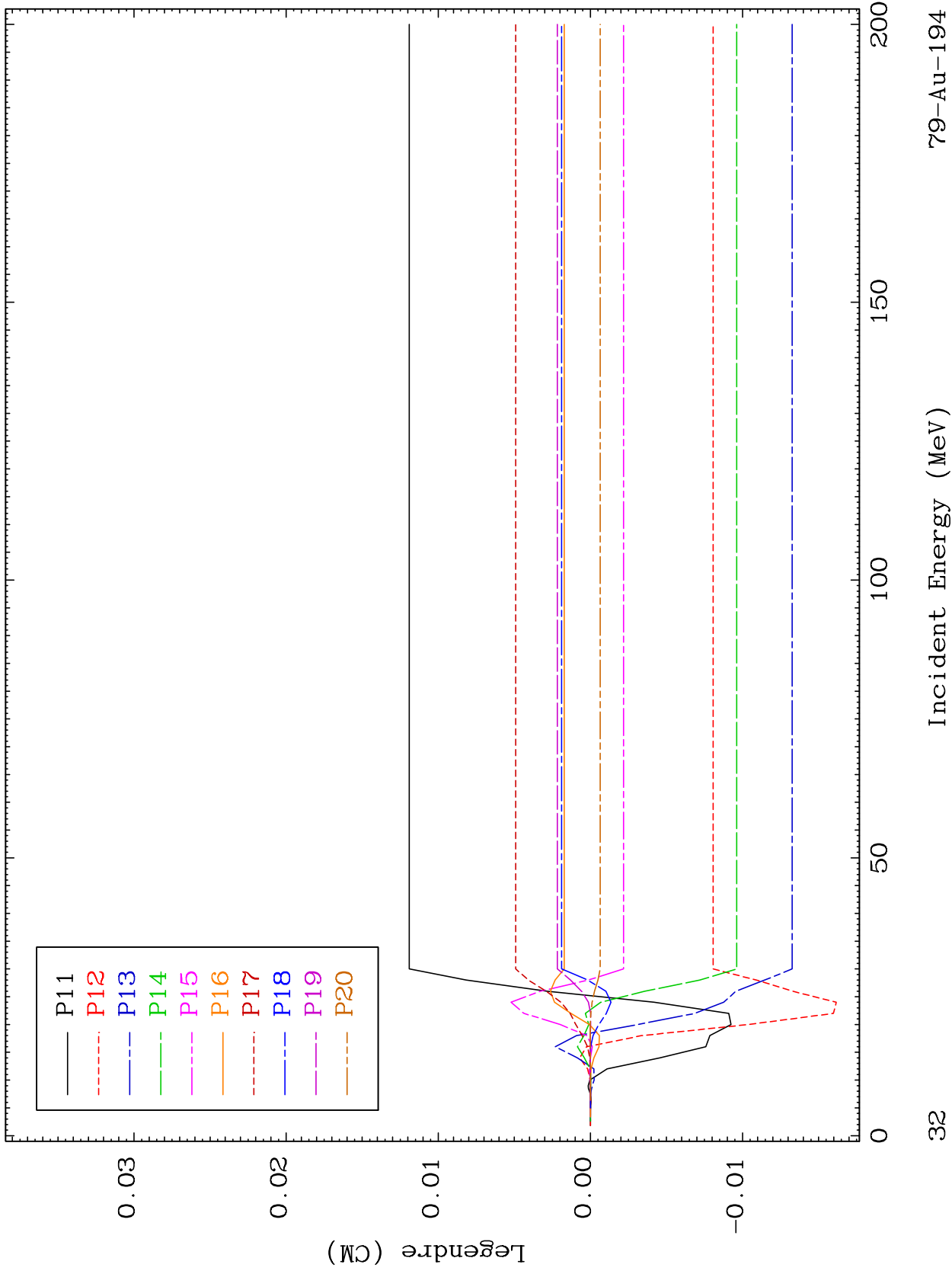
31



MAT 7916

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

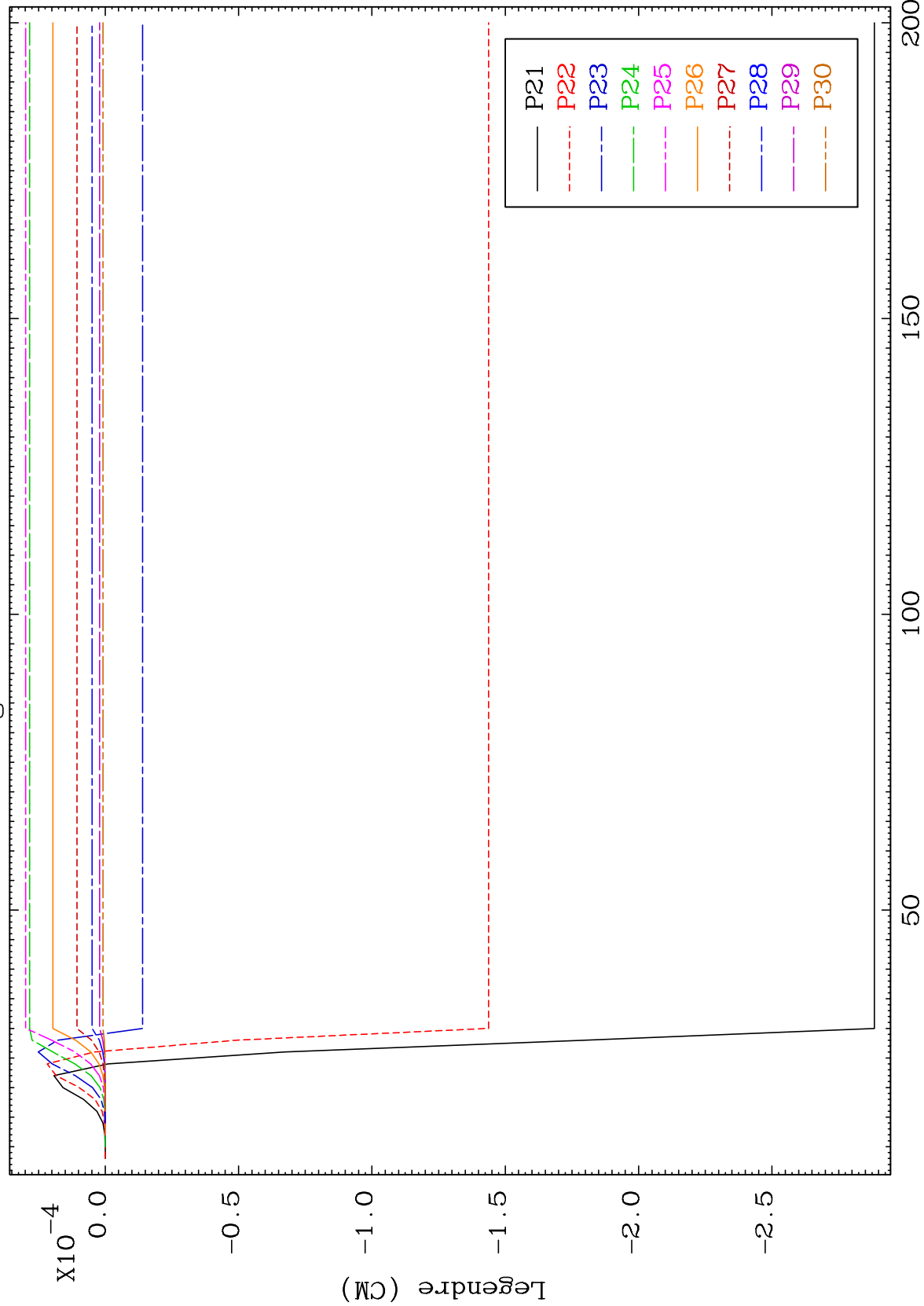
79-Au-194



32

Incident Energy (MeV)

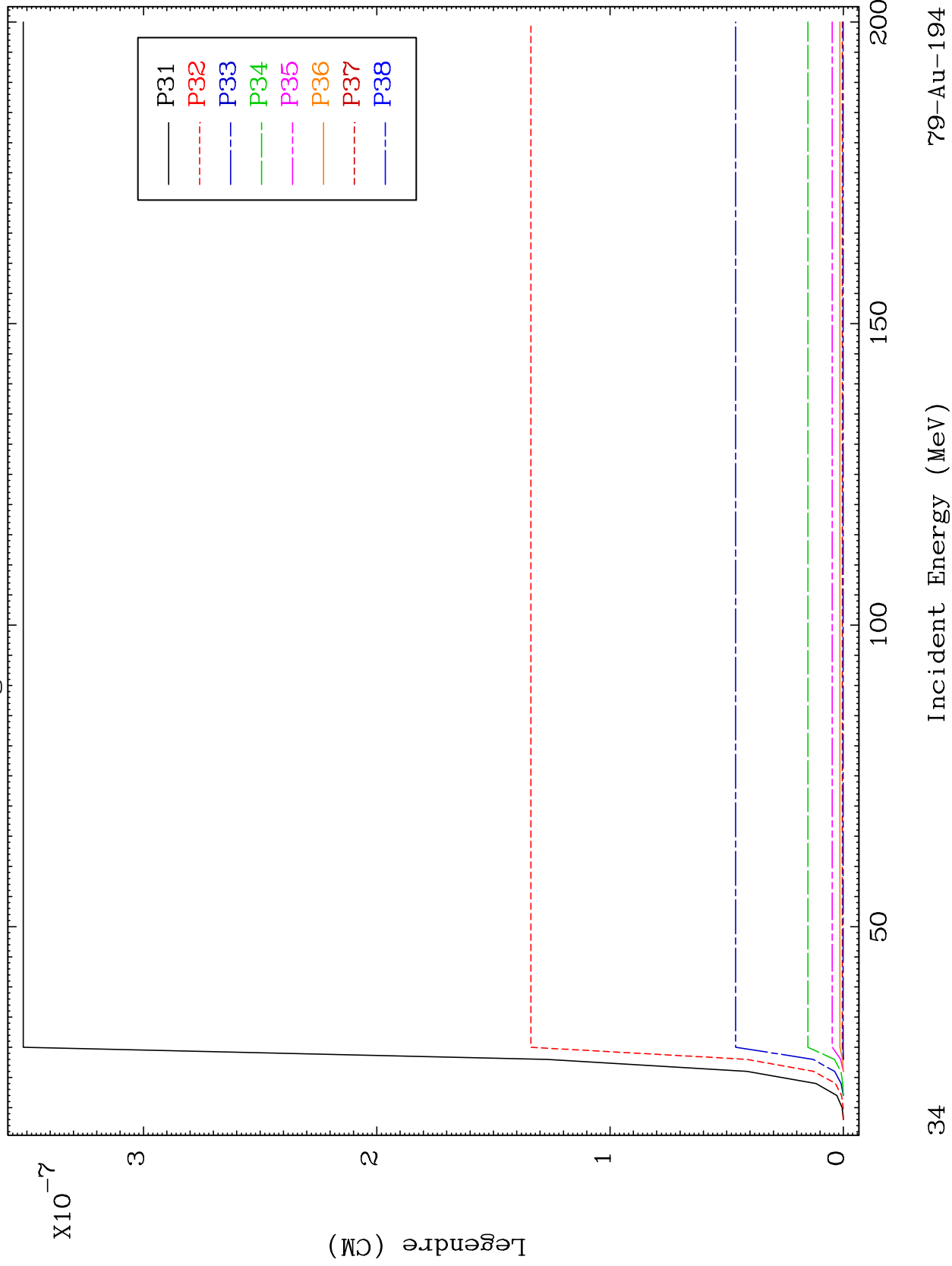
79-Au-194



MAT 7916

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

79-Au-194



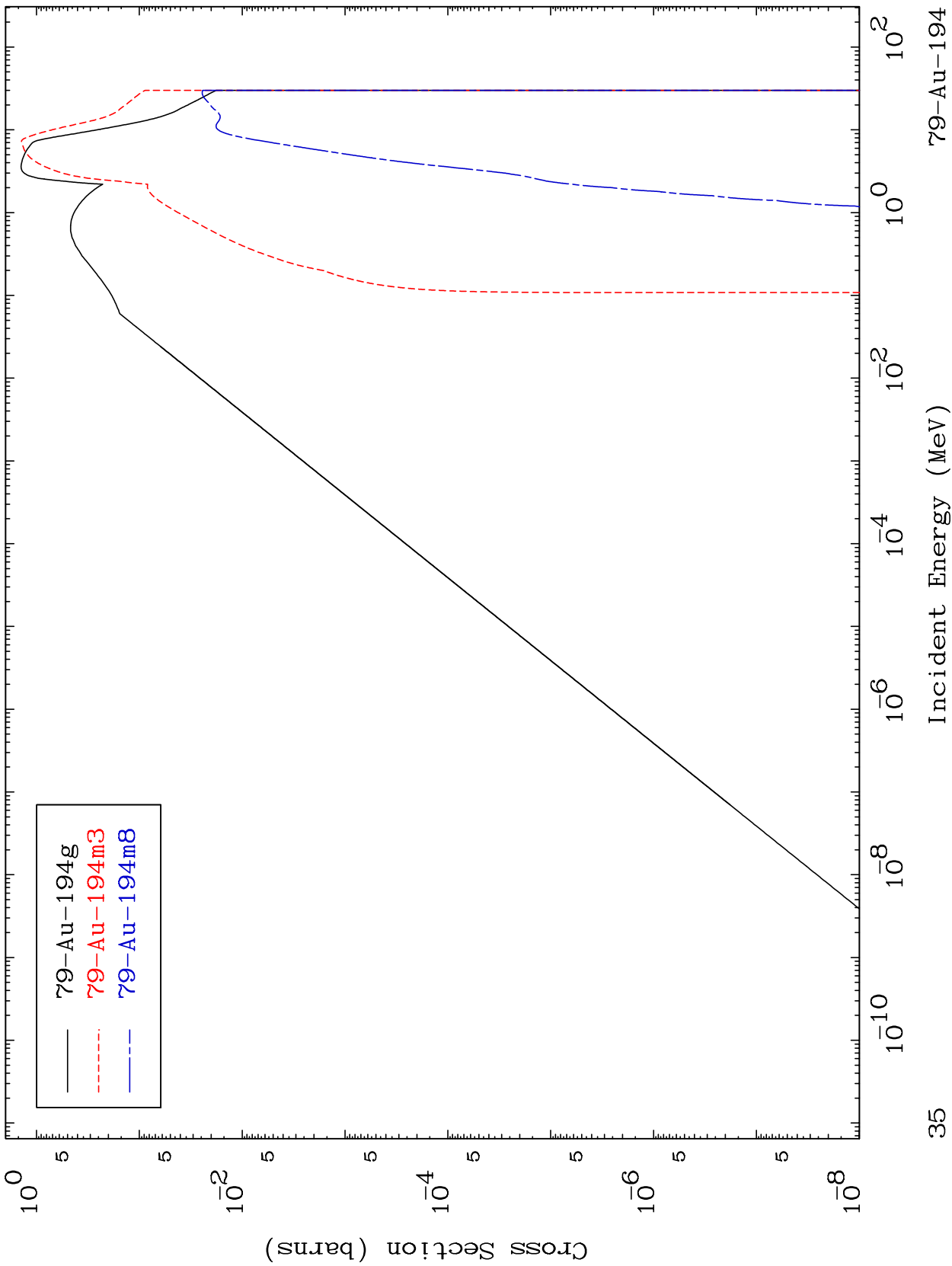
34

79-Au-194

MAT 7916

Inelastic  
Radionuclide Production Cross Section

79-Au-194

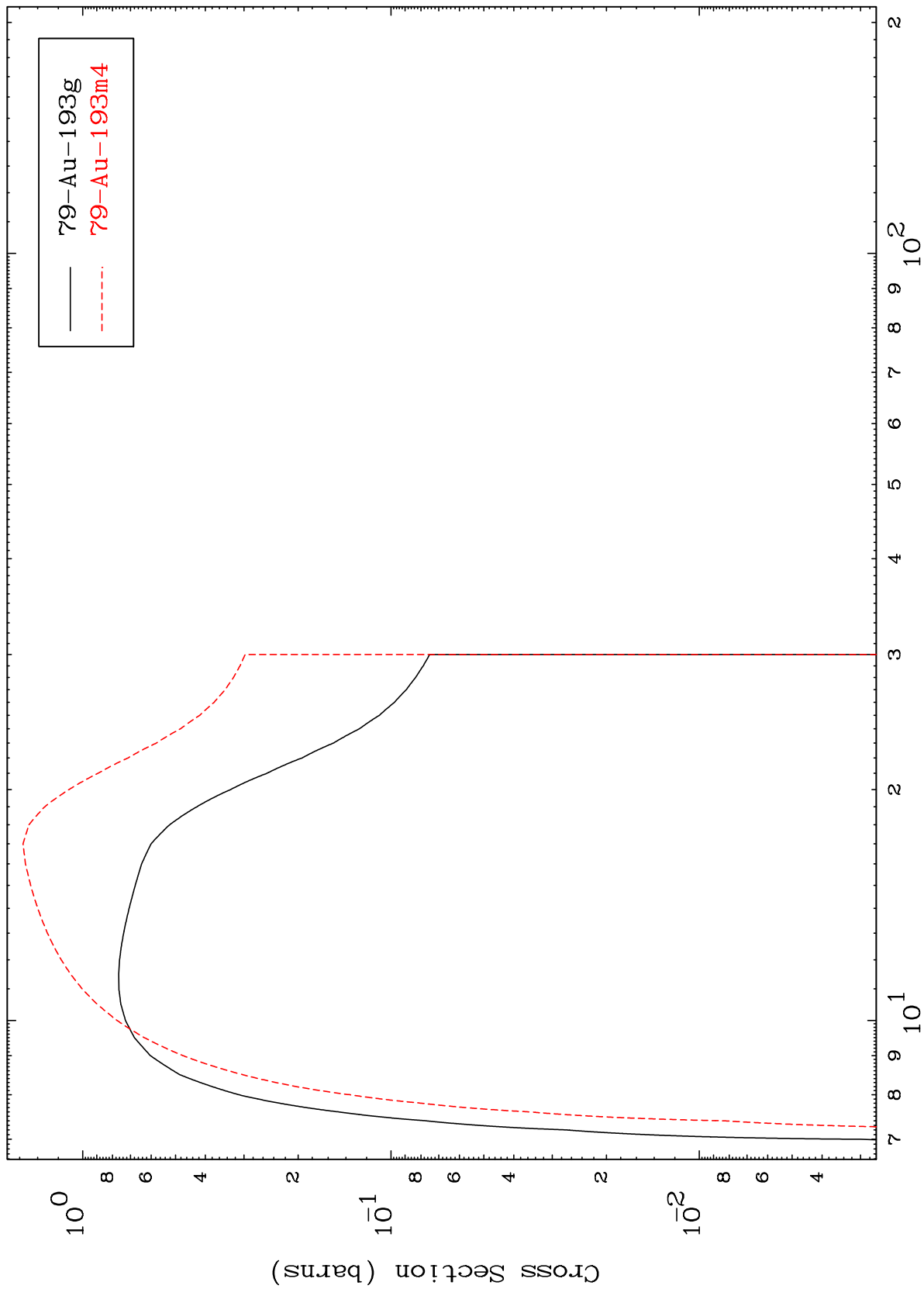


MAT 7916

79-Au-194

(n,2n)

Radionuclide Production Cross Section



36

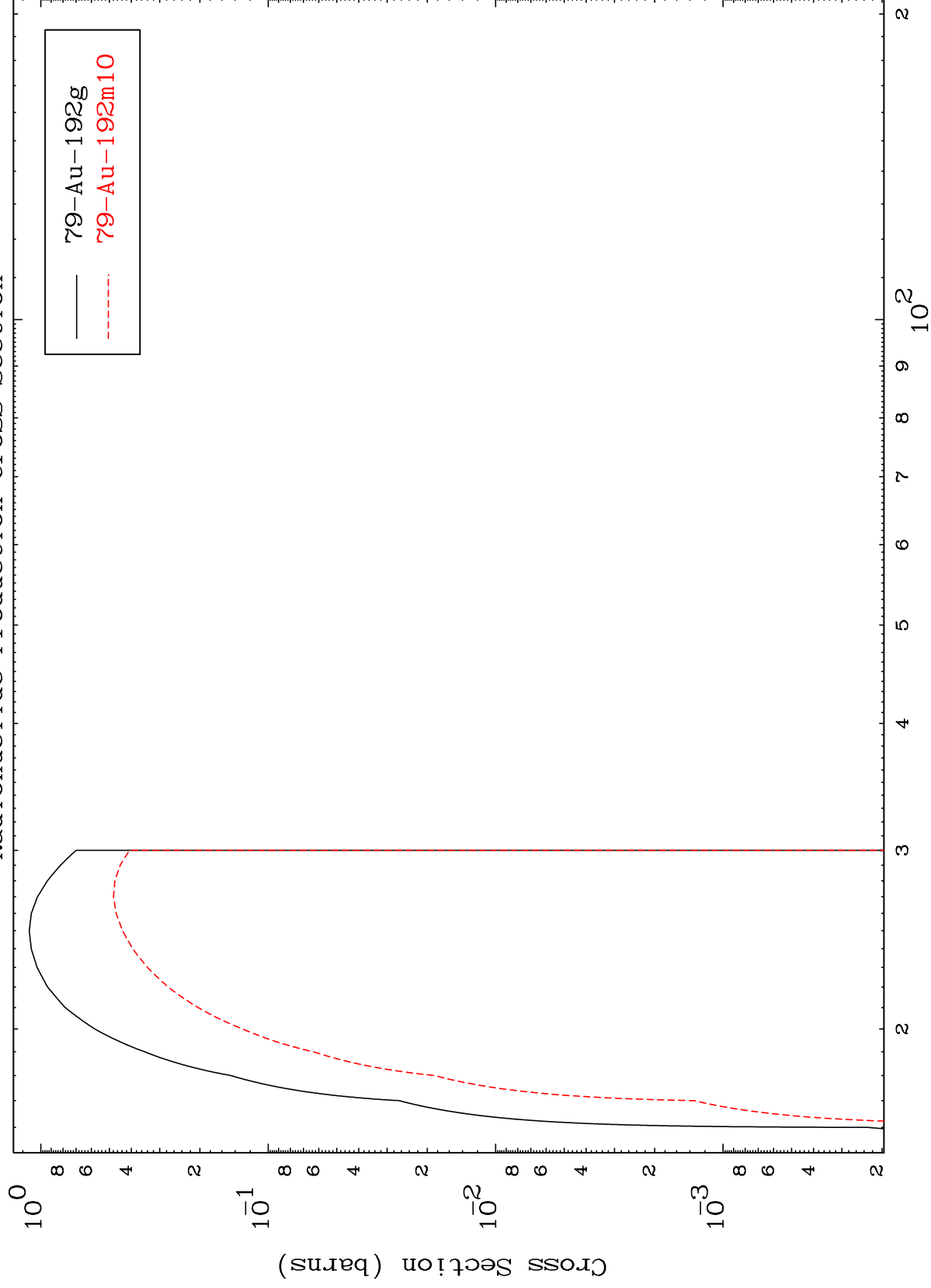
Incident Energy (MeV)

79-Au-194

MAT 7916

79-Au-194

(n,3n)  
Radionuclide Production Cross Section



37

Incident Energy (MeV)

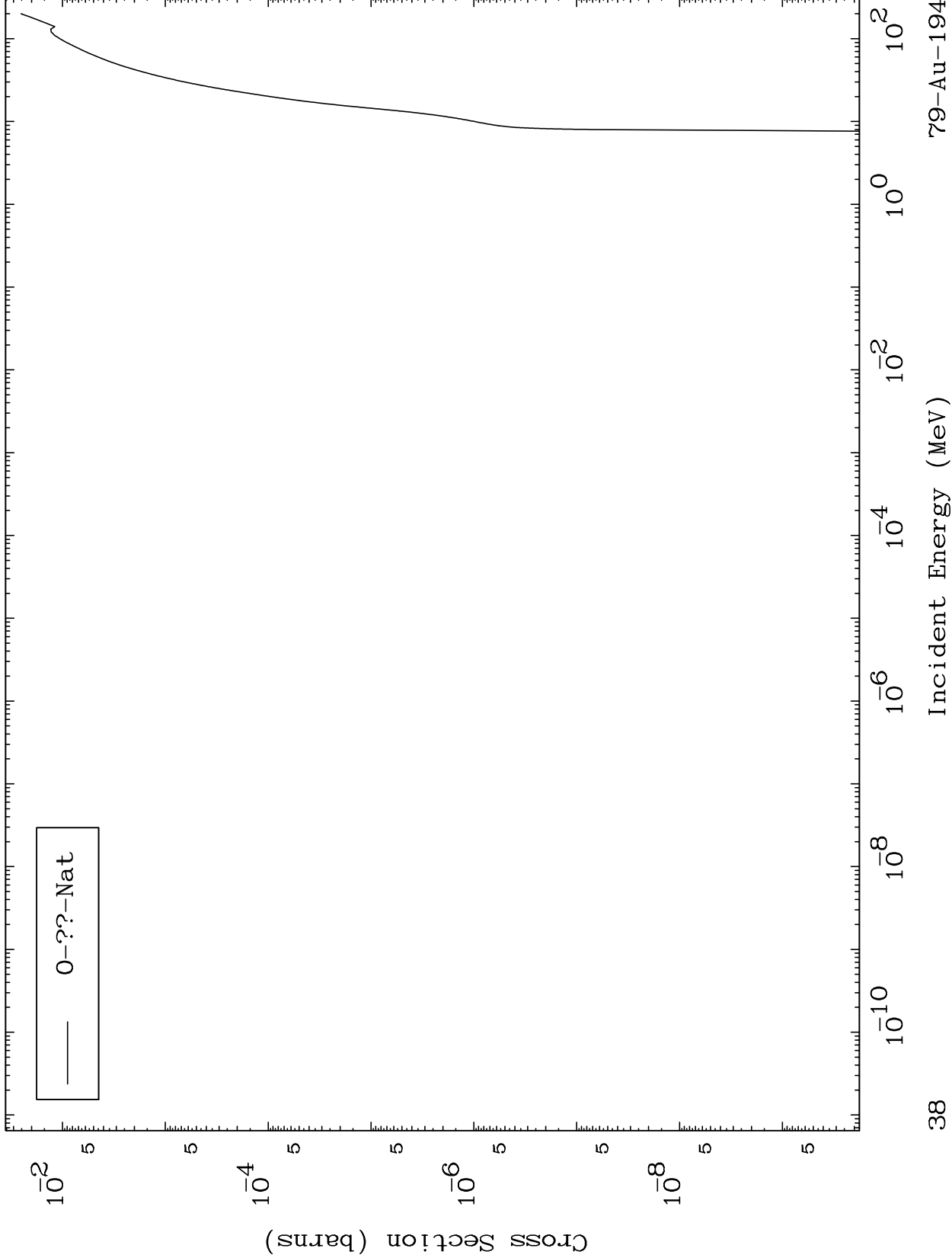
79-Au-194

MAT 7916

Fission

<sup>79</sup>Au-194

Radionuclide Production Cross Section

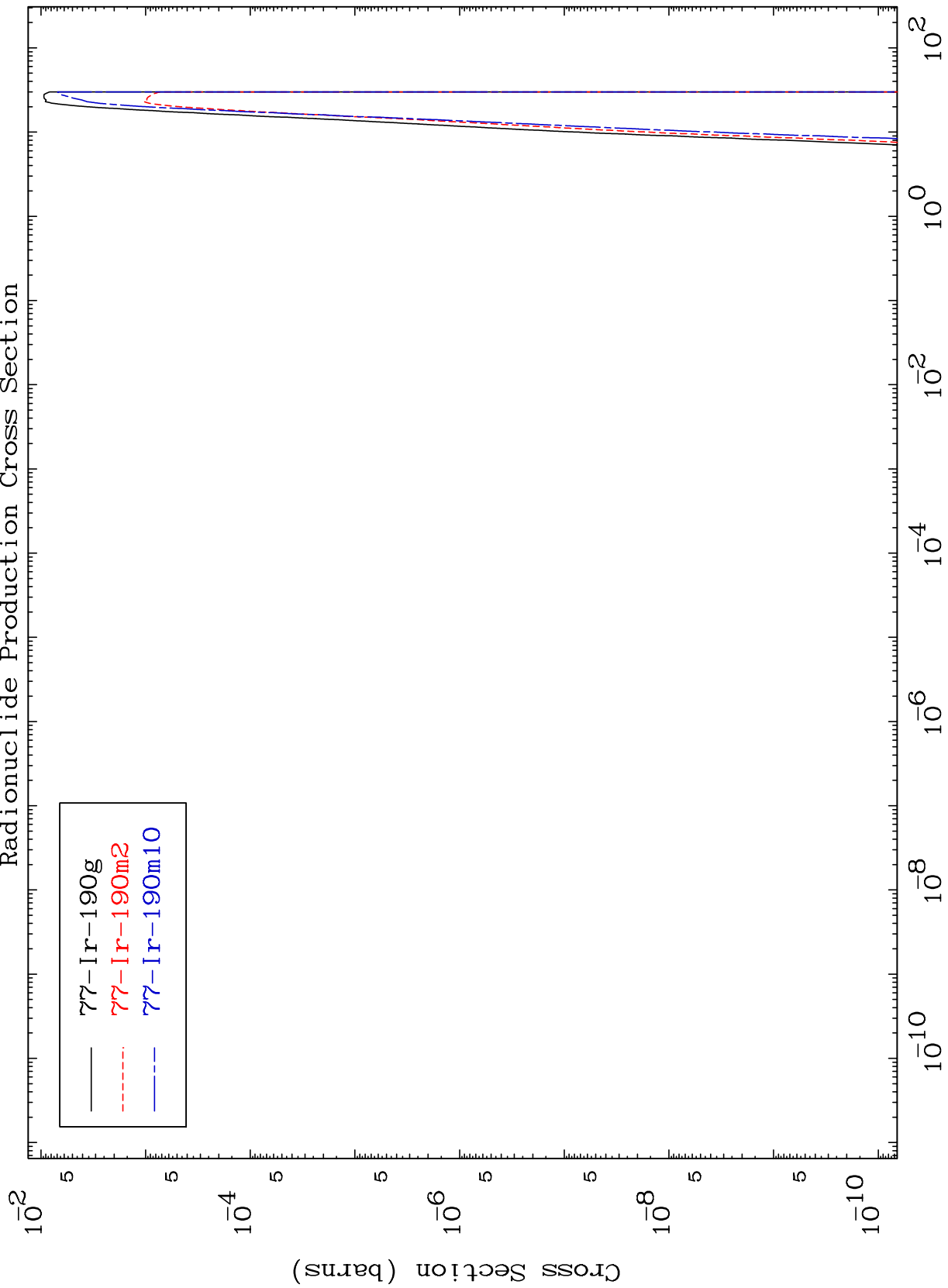


MAT 7916

$(n, n') \alpha$

79-Au-194

Radionuclide Production Cross Section



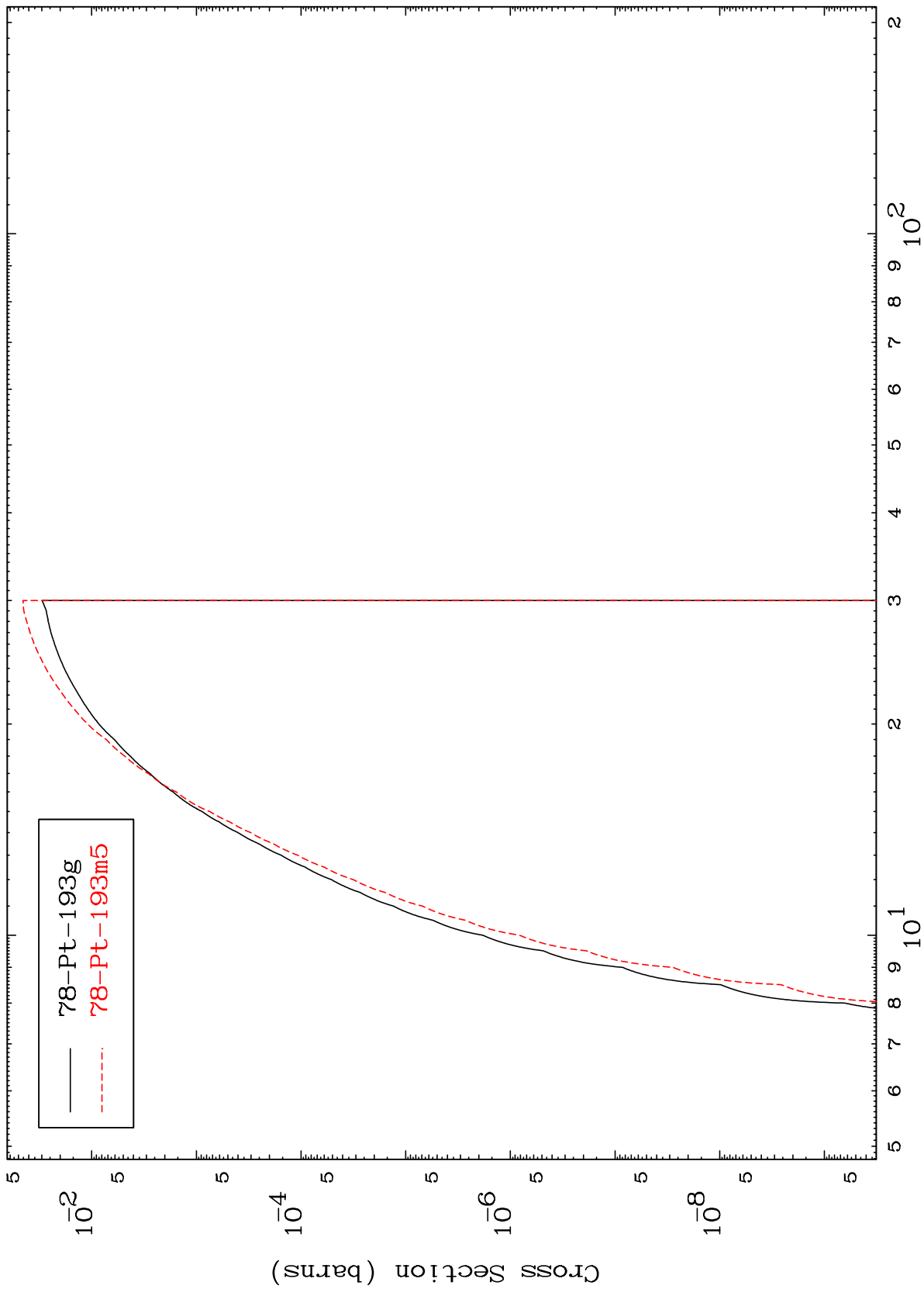


MAT 7916

(n,n') p

79-Au-194

Radionuclide Production Cross Section



40

Incident Energy (MeV)

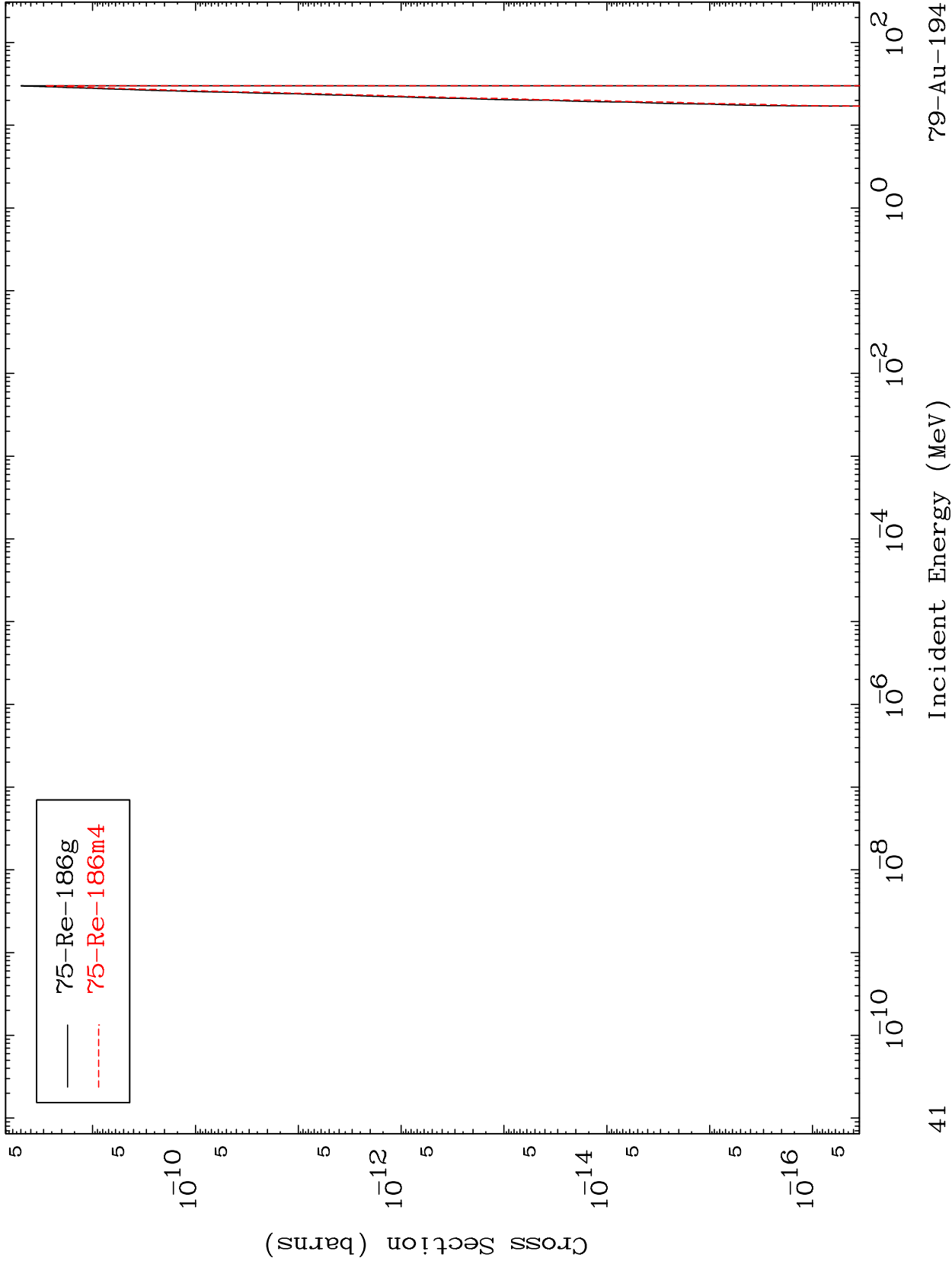
79-Au-194

MAT 7916

(n,n') 2α

79-Au-194

Radionuclide Production Cross Section

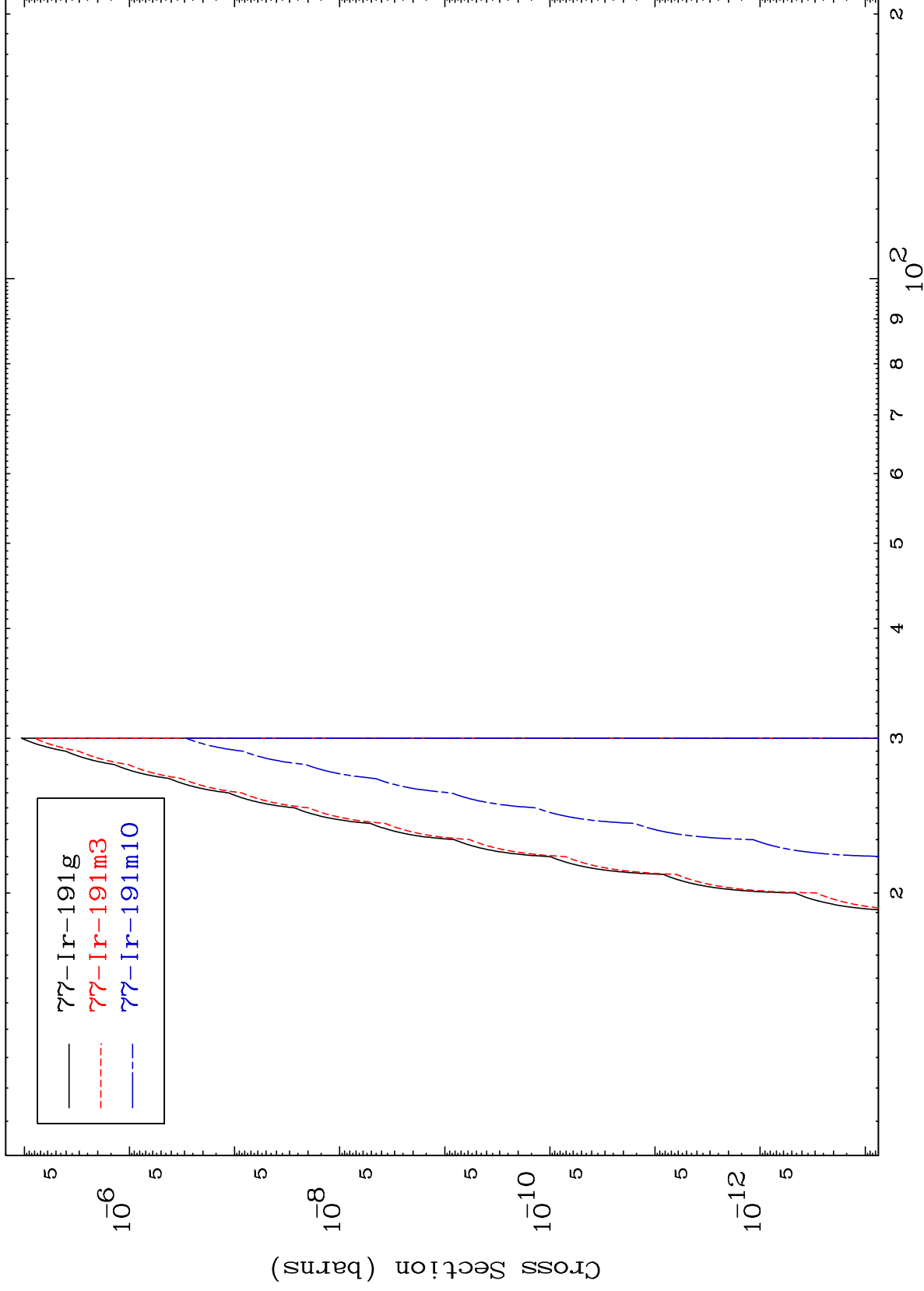


MAT 7916

(n,n') He-3

79-Au-194

Radionuclide Production Cross Section



42

Incident Energy (MeV)

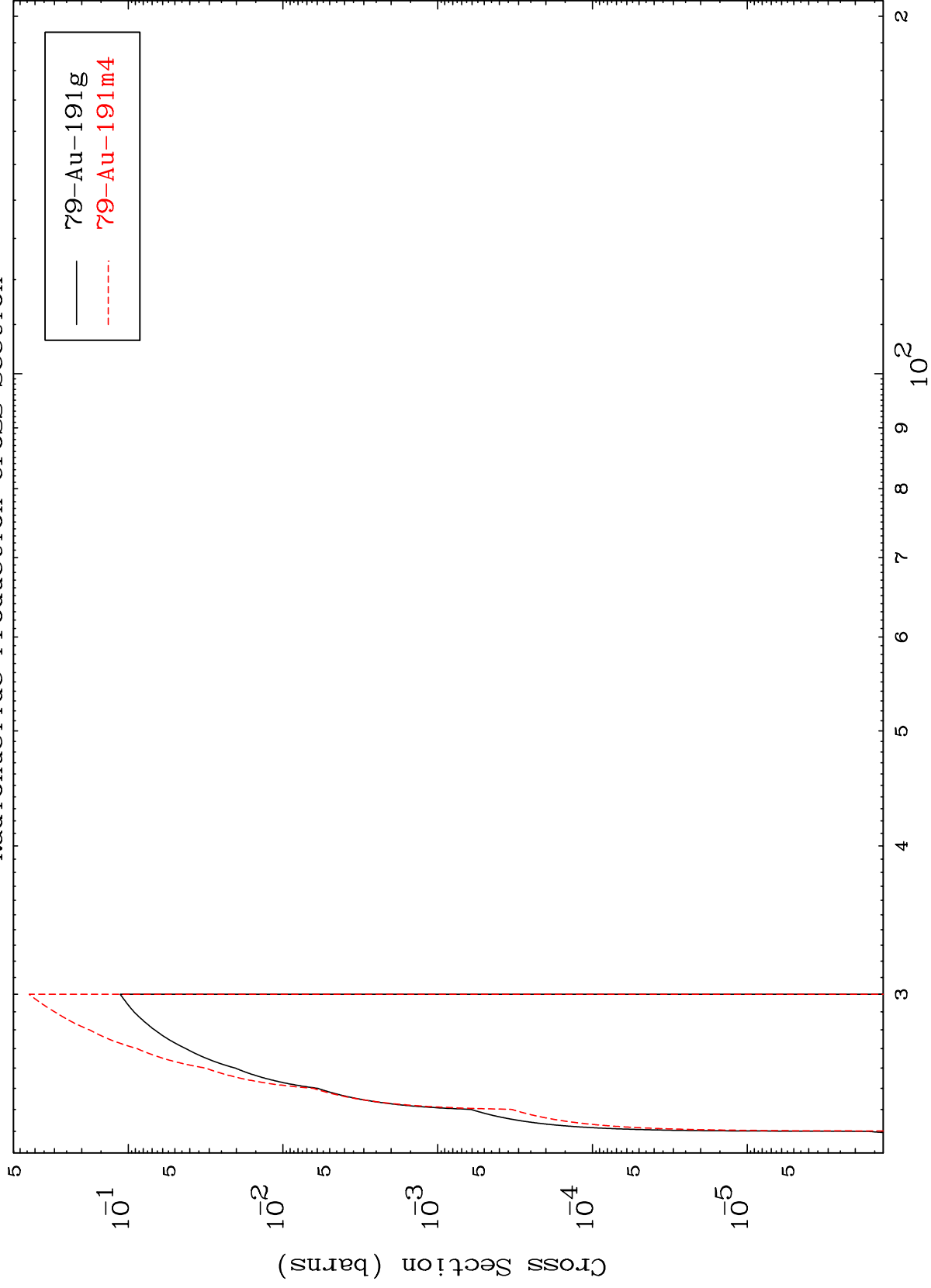
79-Au-194

MAT 7916

(n,4n)

79-Au-194

Radionuclide Production Cross Section



43

Incident Energy (MeV)

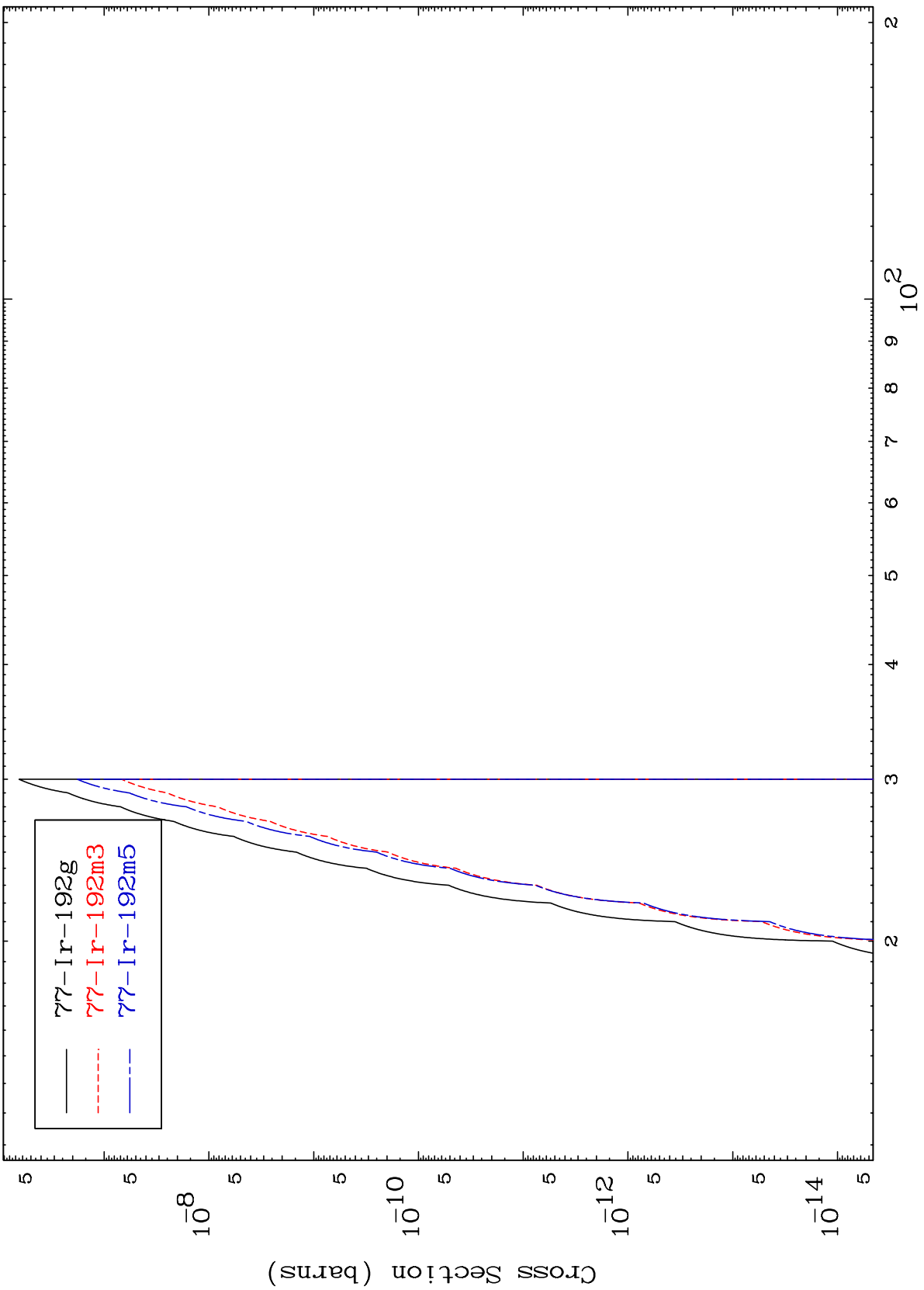
79-Au-194

MAT 7916

(n,2n) p

<sup>79</sup>Au-194

Radionuclide Production Cross Section

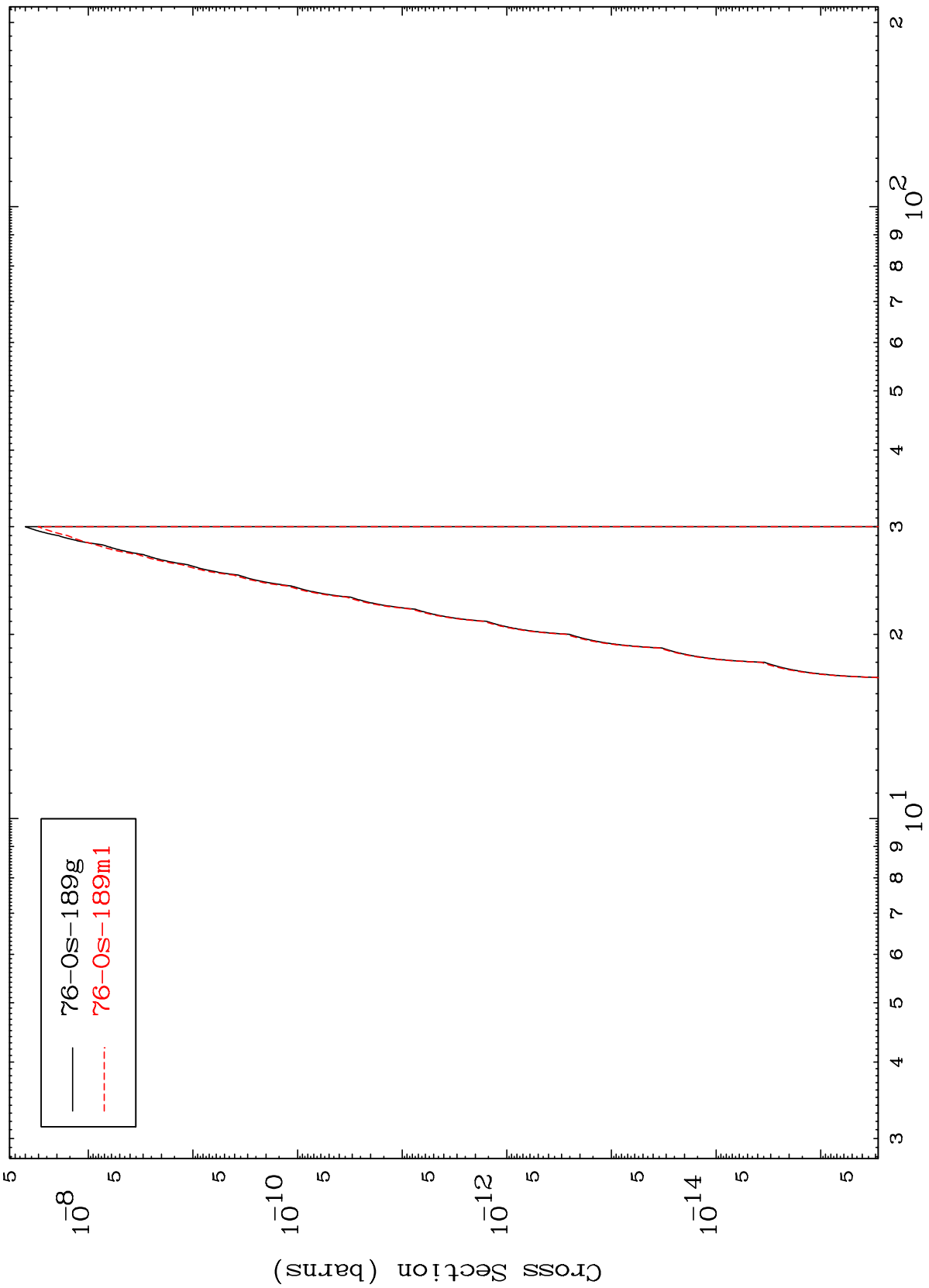


MAT 7916

(n,n') p  $\alpha$

79-Au-194

Radionuclide Production Cross Section



45

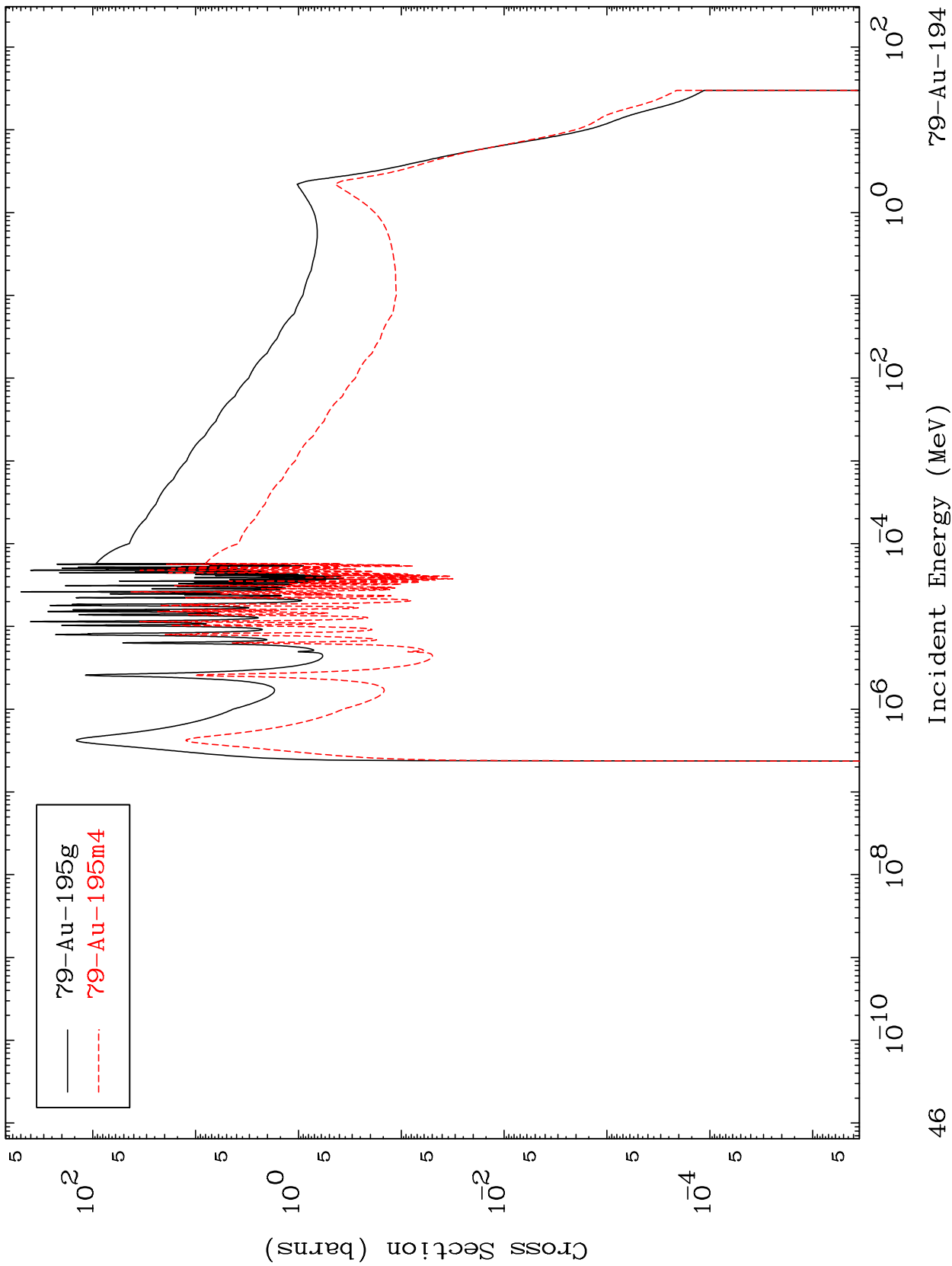
Incident Energy (MeV)

79-Au-194

MAT 7916

79-Au-194

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



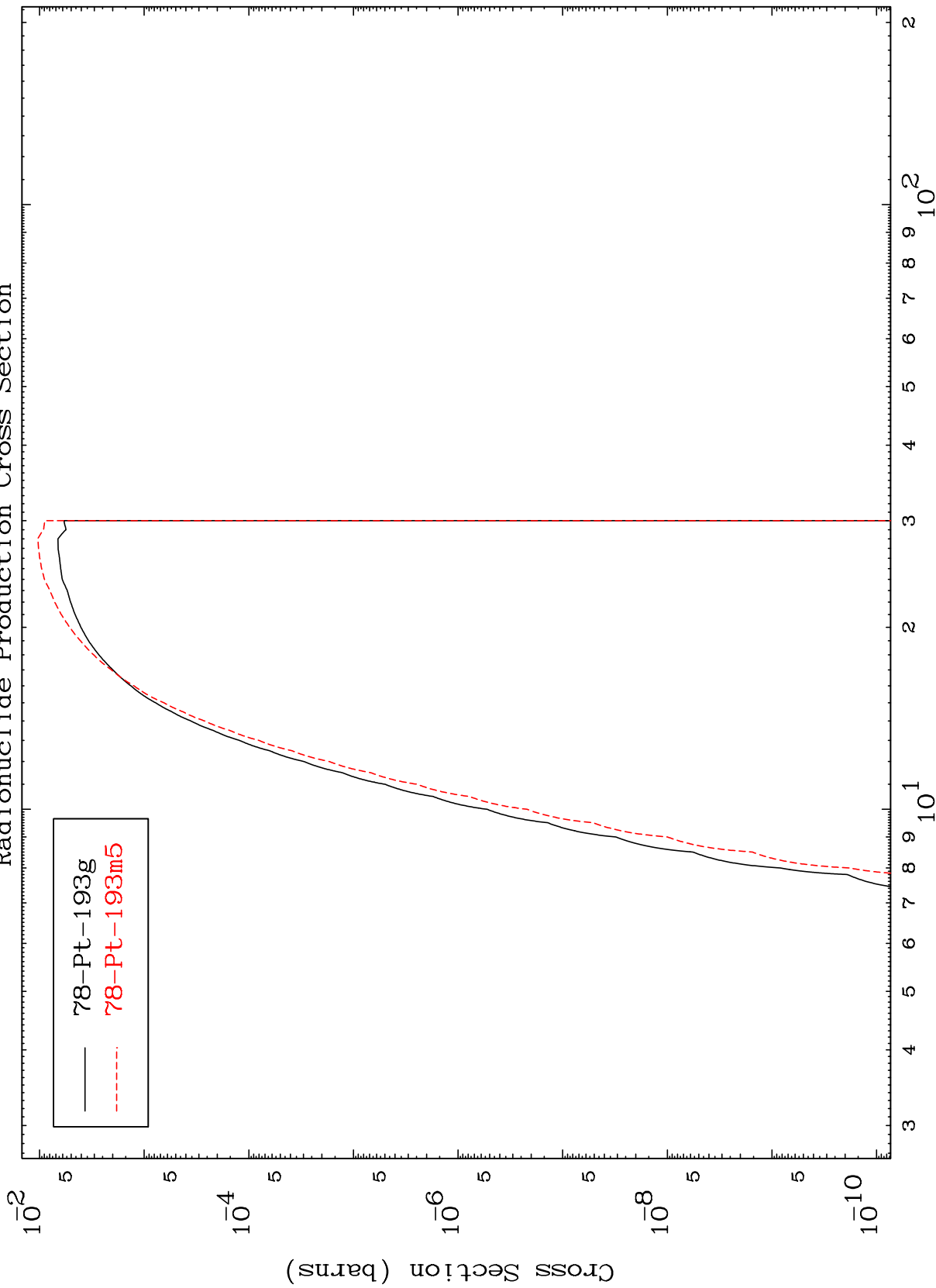
46

79-Au-194

MAT 7916

79-Au-194

(n,d)  
Radionuclide Production Cross Section



78-Pt-193g  
78-Pt-193m5

79-Au-194

Incident Energy (MeV)

47

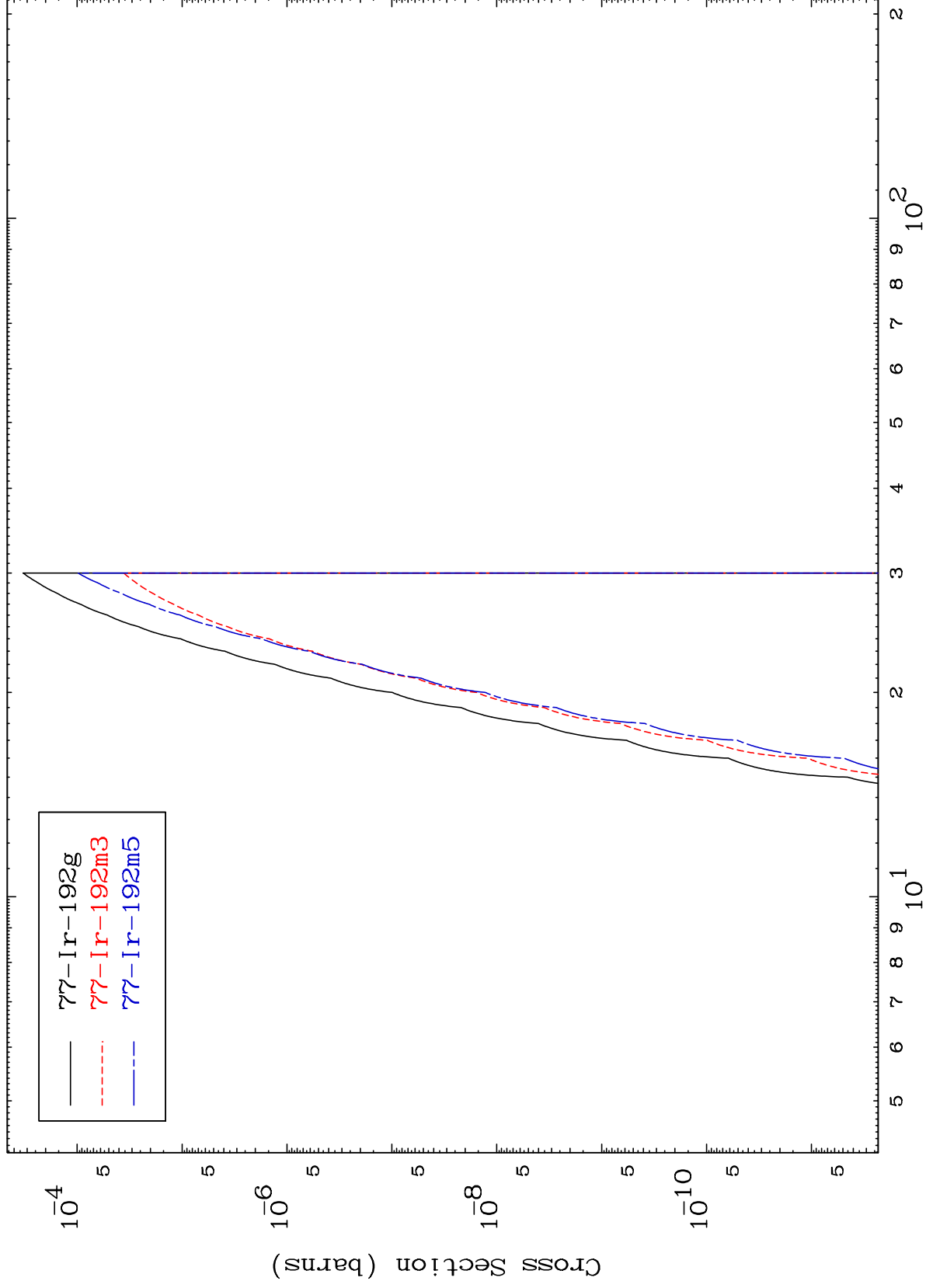


MAT 7916

(n,He-3)

79-Au-194

Radionuclide Production Cross Section



48

Incident Energy (MeV)

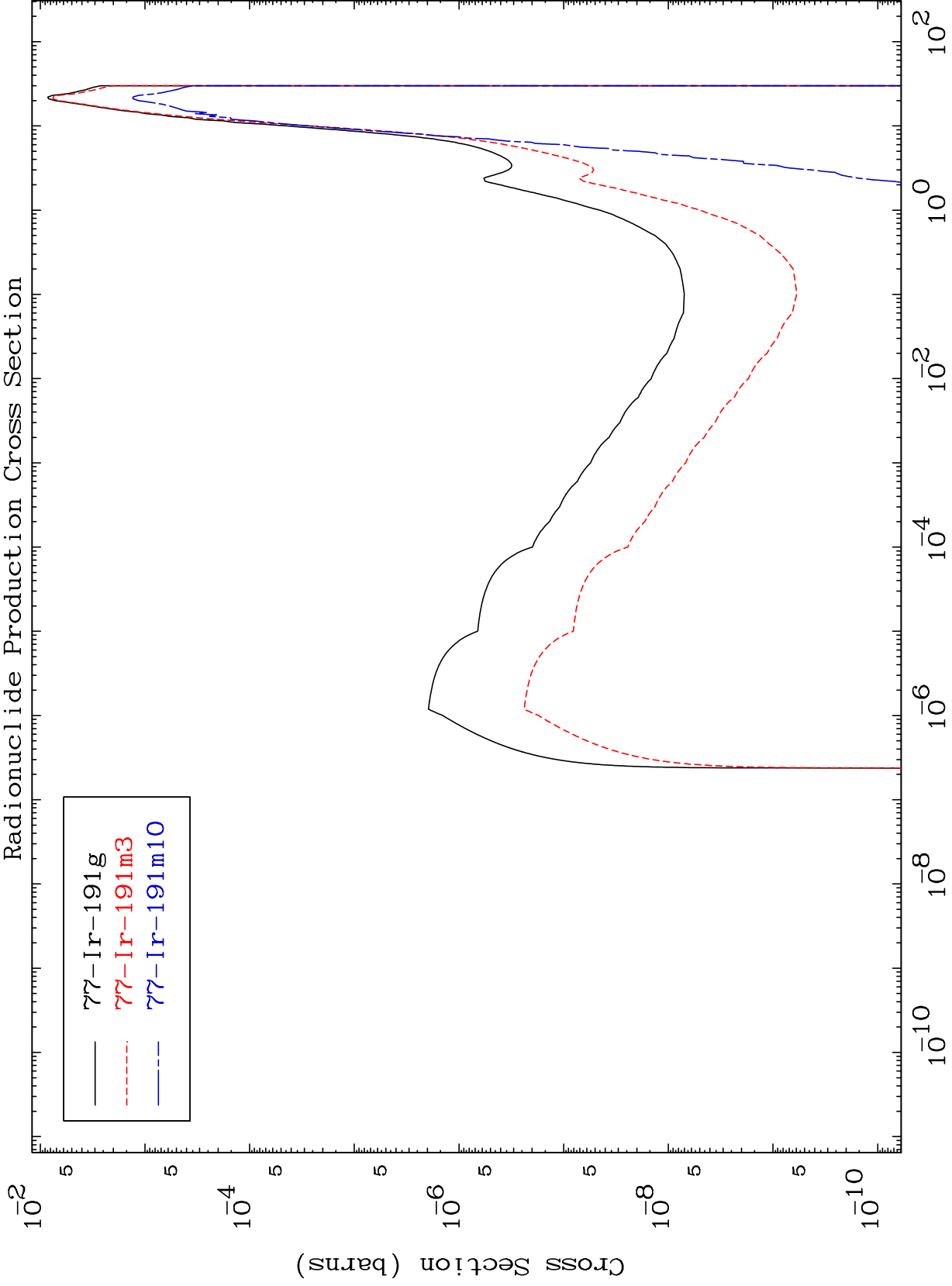
79-Au-194

MAT 7916

(n,  $\alpha$ )

79-Au-194

Radionuclide Production Cross Section



49

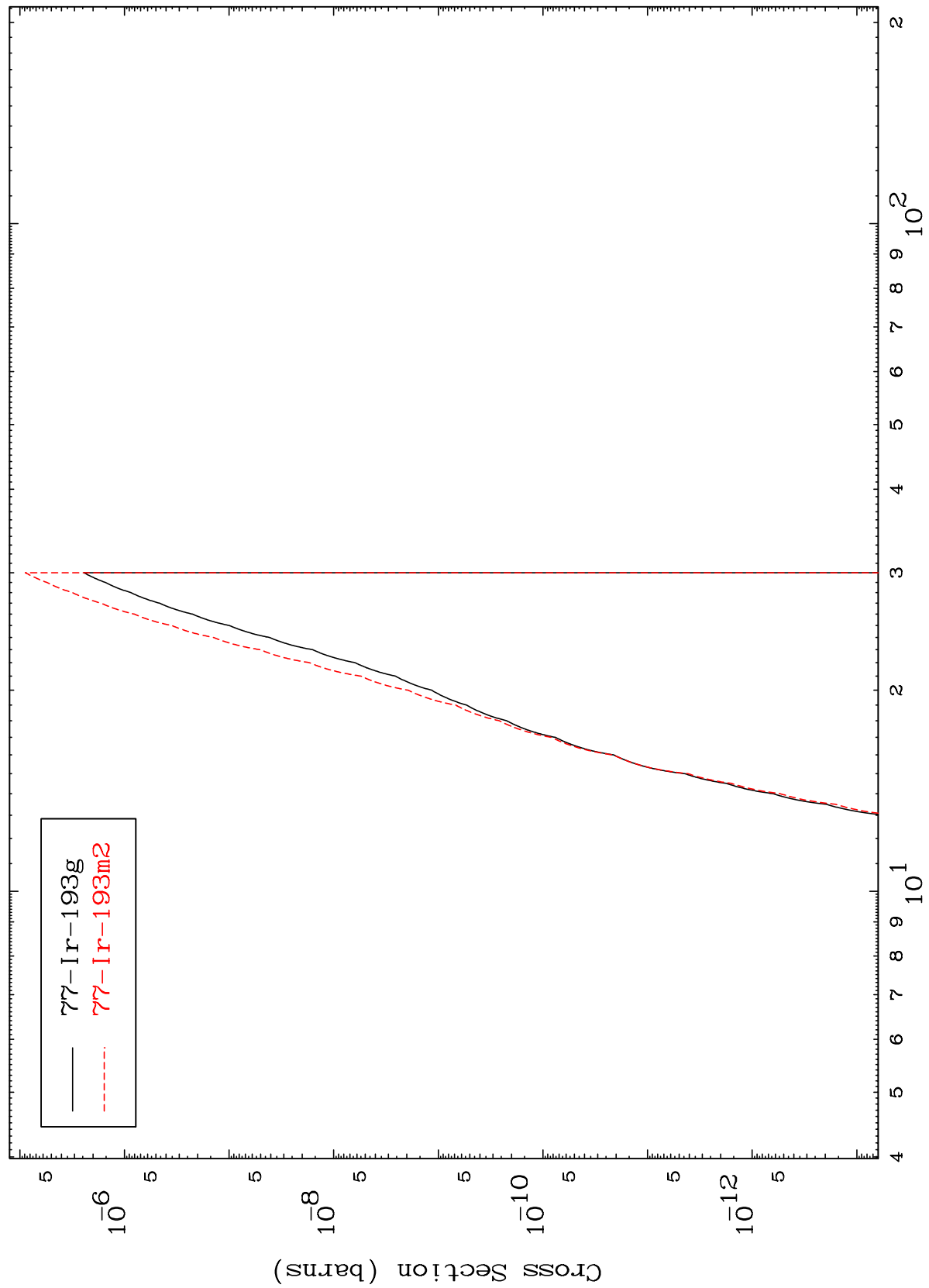
Incident Energy (MeV)

79-Au-194

MAT 7916

79-Au-194

(n,2p)  
Radionuclide Production Cross Section



—  $^{77}\text{Ir-193g}$   
- - -  $^{77}\text{Ir-193m2}$

50

Incident Energy (MeV)

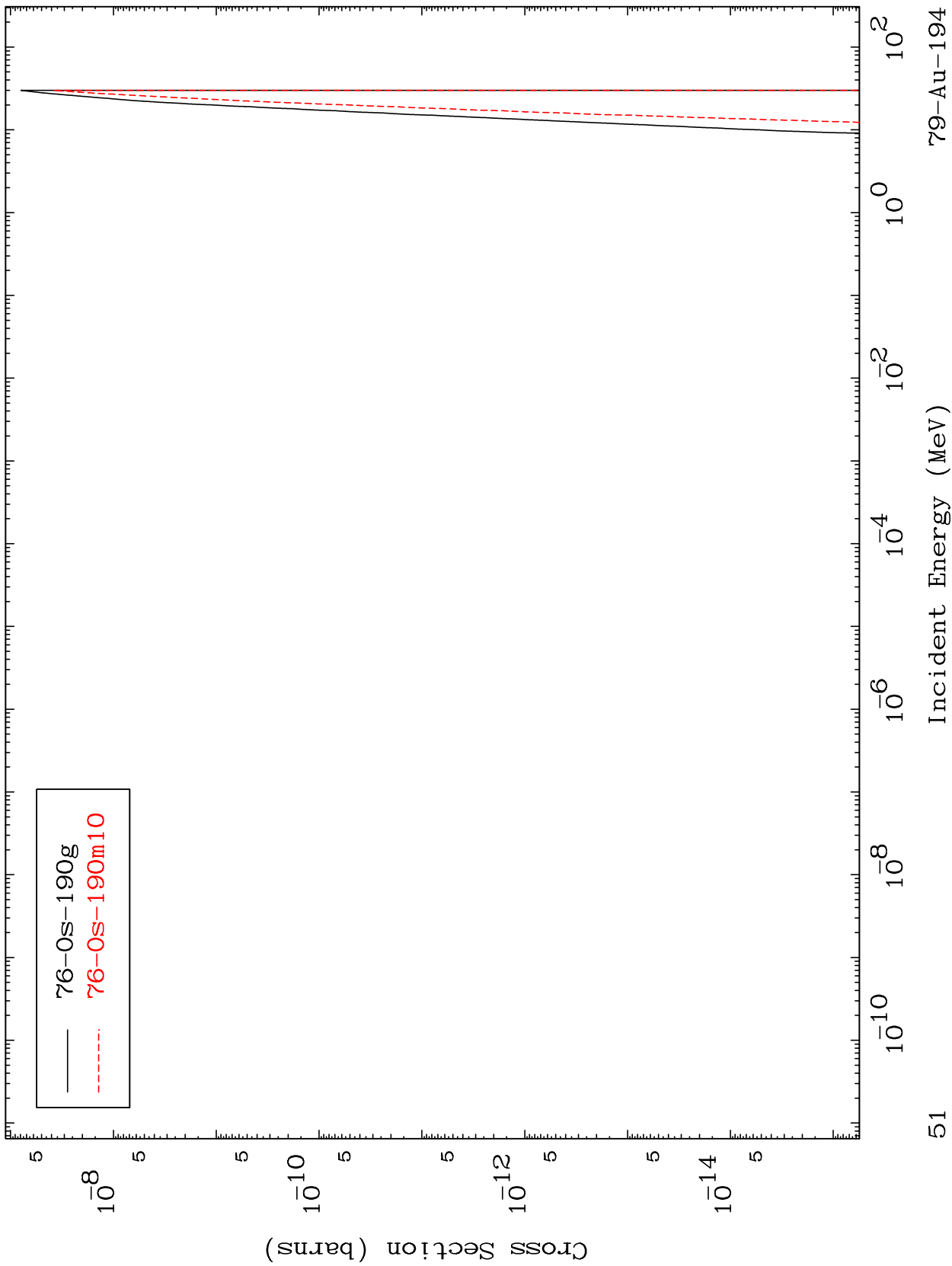
79-Au-194

MAT 7916

(n,p)  $\alpha$

<sup>79</sup>Au-194

Radionuclide Production Cross Section

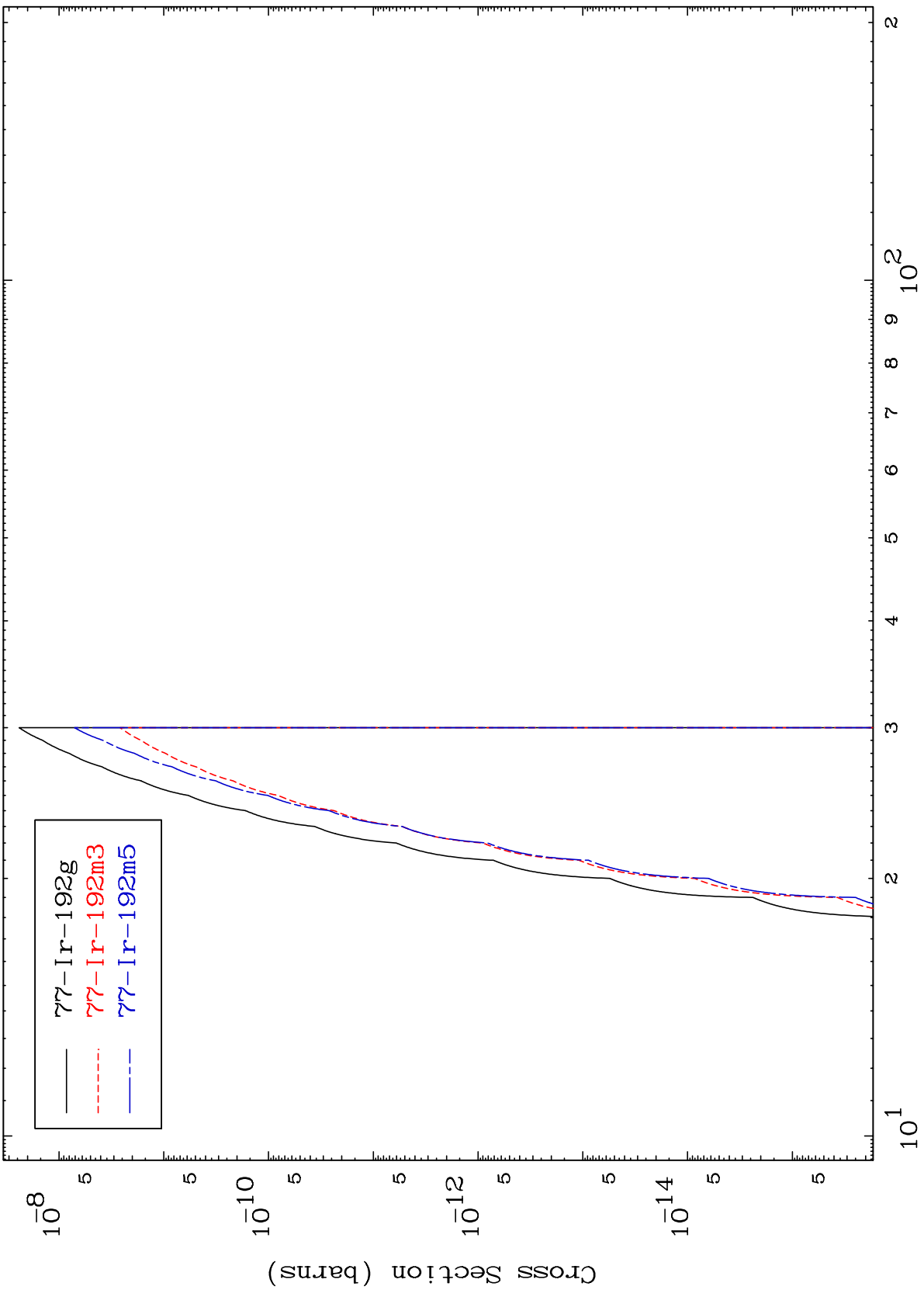


MAT 7916

(n,p) d

79-Au-194

Radionuclide Production Cross Section



Legend:  
—  $^{77}\text{Ir-192g}$   
- - -  $^{77}\text{Ir-192m3}$   
- · -  $^{77}\text{Ir-192m5}$

52

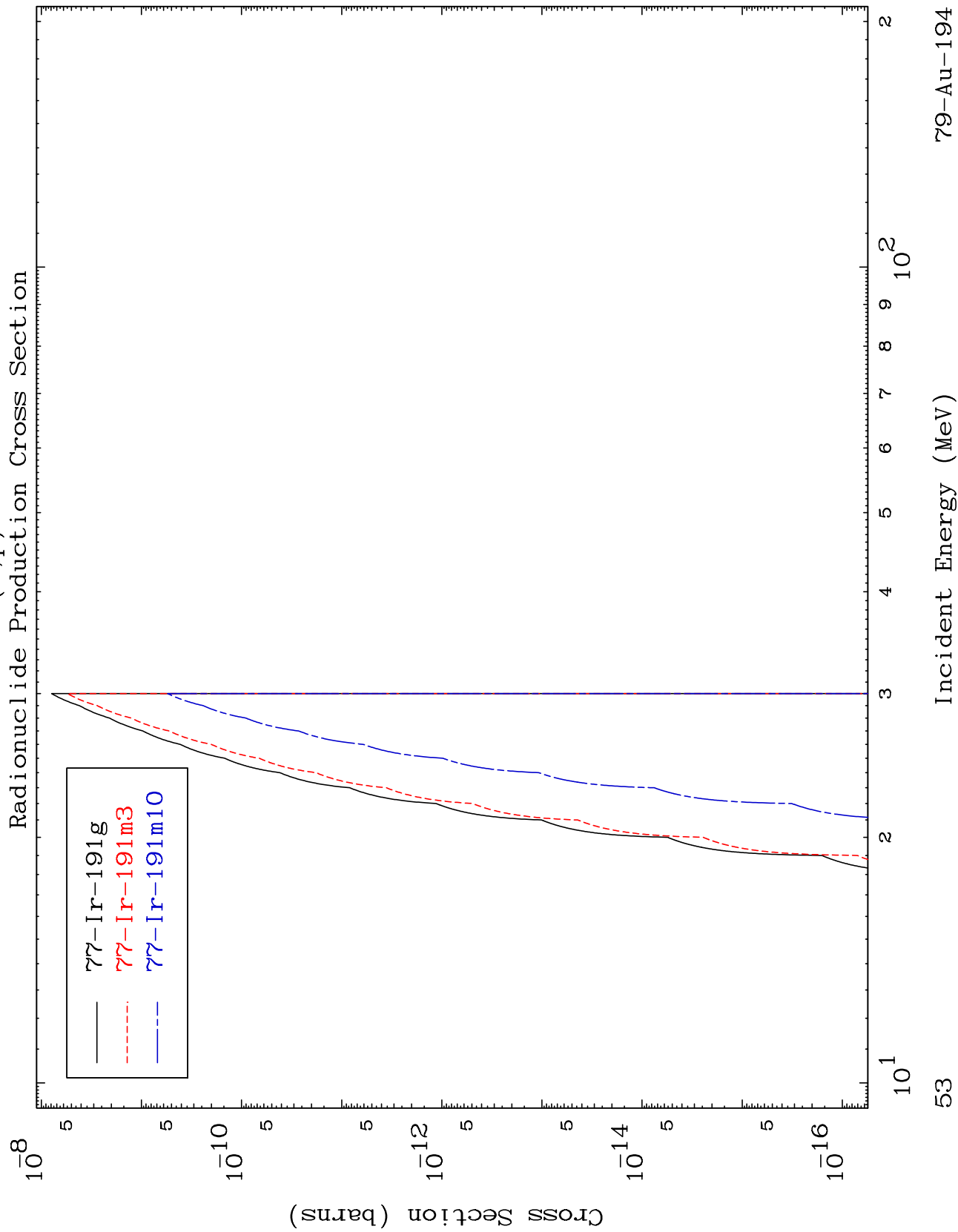
Incident Energy (MeV)

79-Au-194

MAT 7916

(n,p) t

<sup>79</sup>Au-194



53

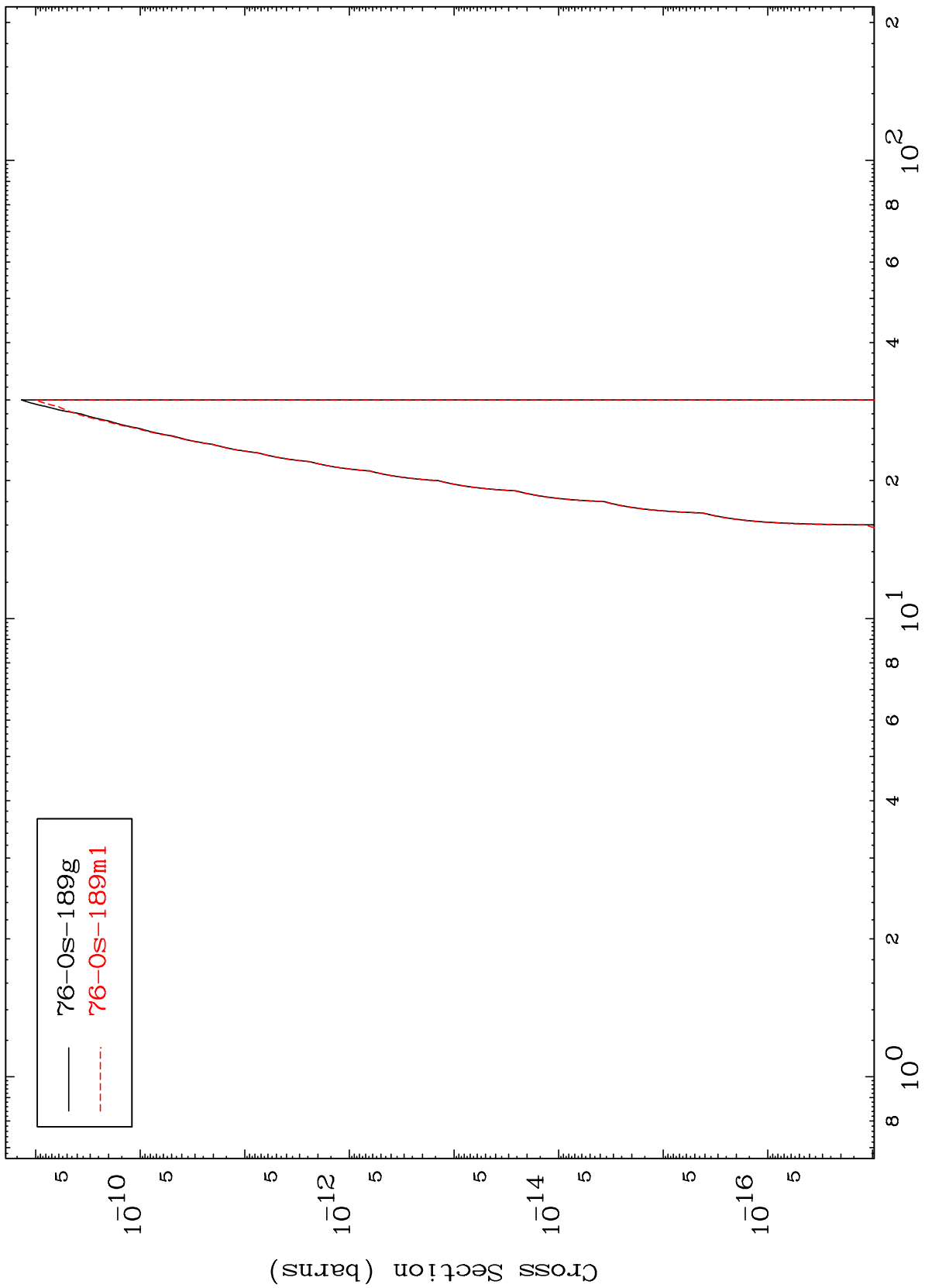
<sup>79</sup>Au-194

MAT 7916

(n,d)  $\alpha$

79-Au-194

Radionuclide Production Cross Section



54

Incident Energy (MeV)

79-Au-194