

Program EVALPLOT  
(Version 2021-1)

by

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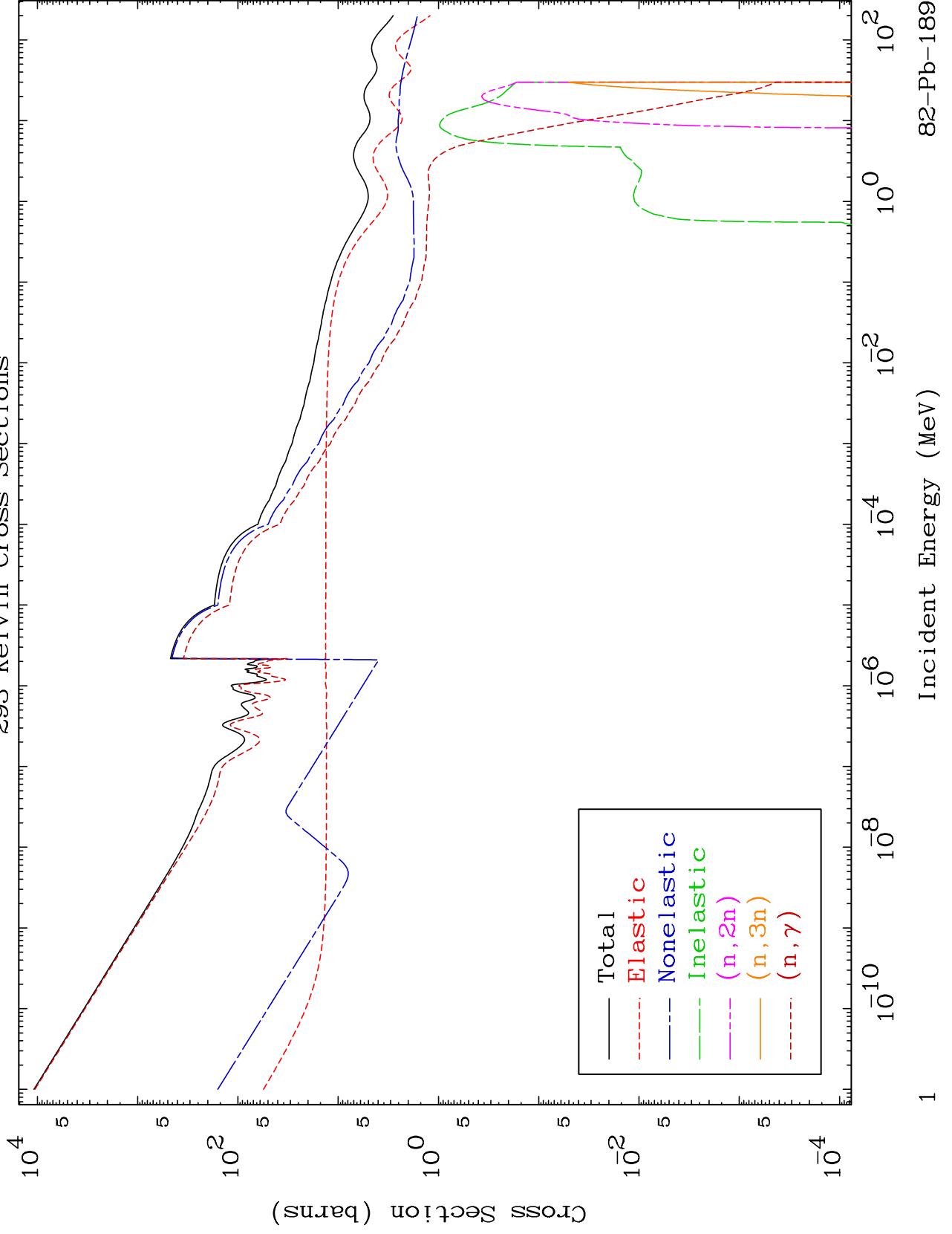
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8180

Neutron Major  
293 Kelvin Cross Sections

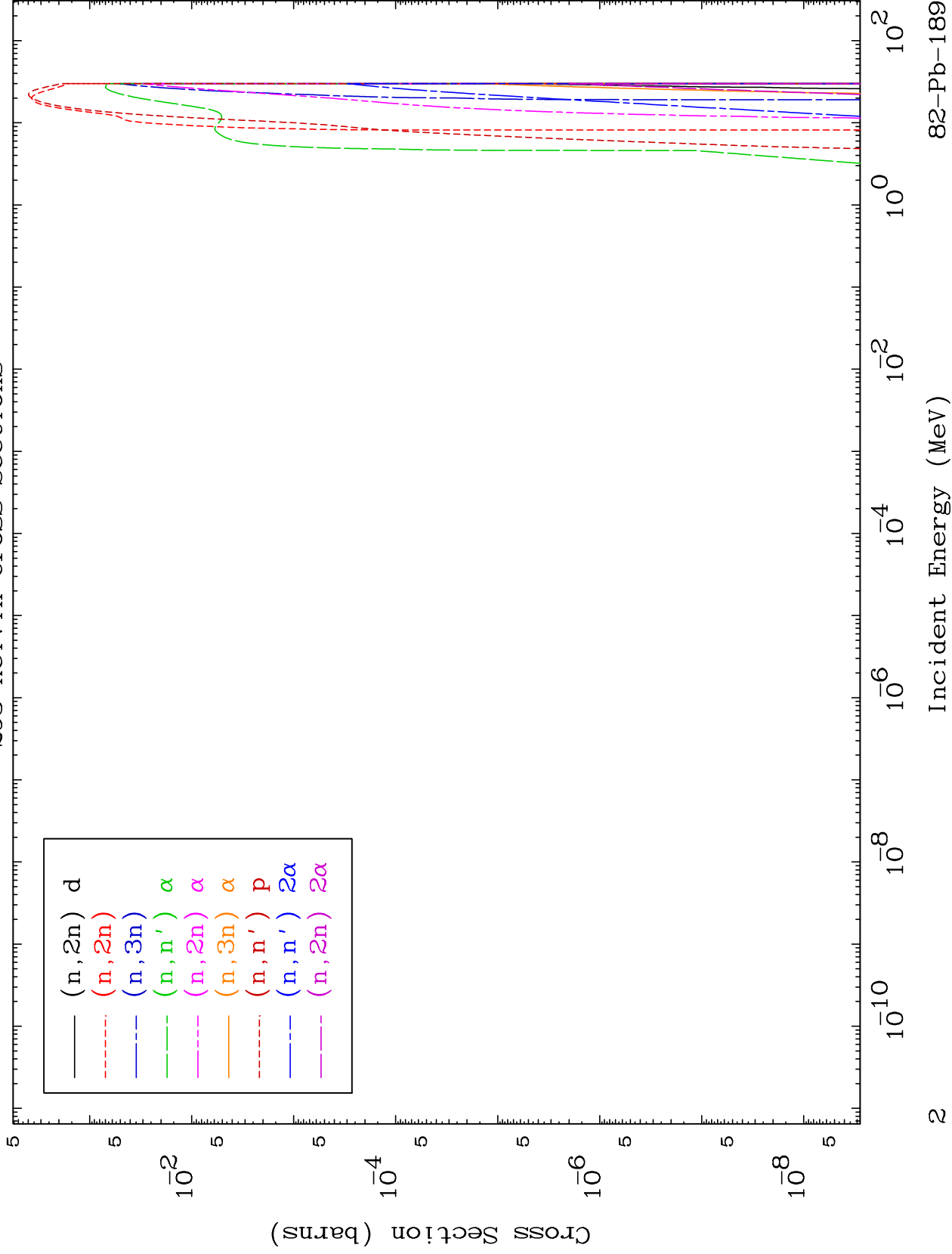
82-Pb-189



MAT 8180

Neutron Absorption  
293 Kelvin Cross Sections

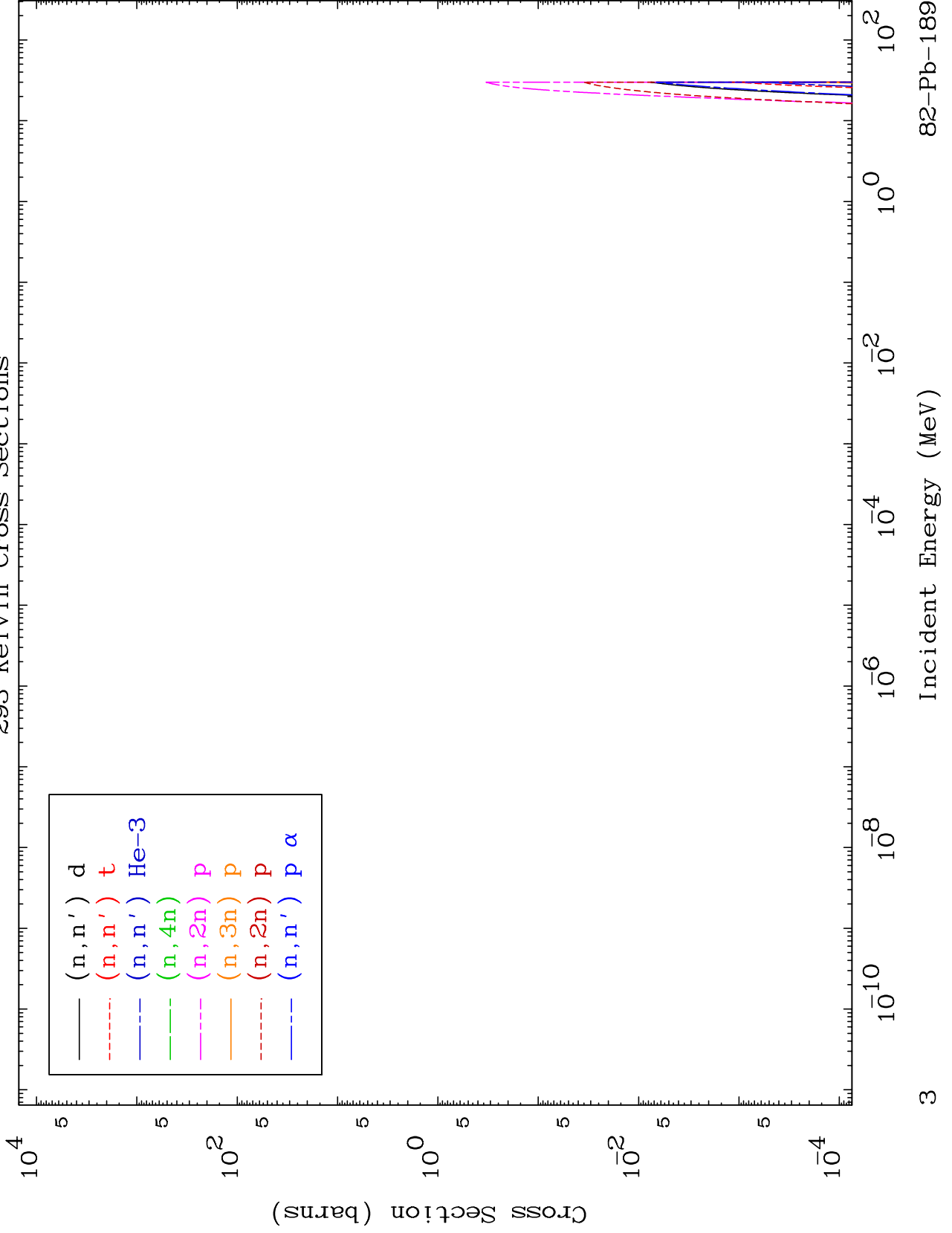
82-Pb-189



MAT 8180

Neutron Absorption  
293 Kelvin Cross Sections

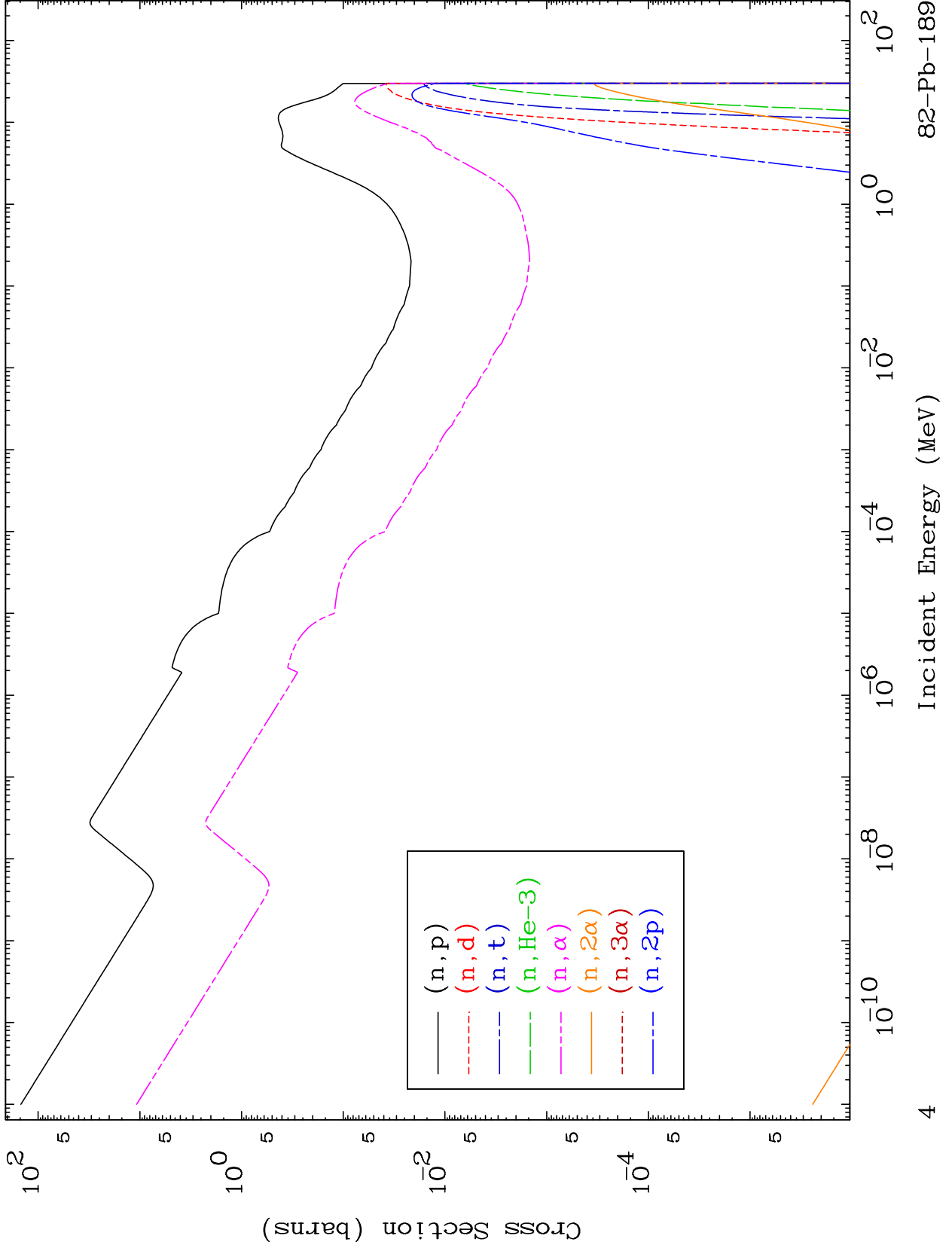
82-Pb-189

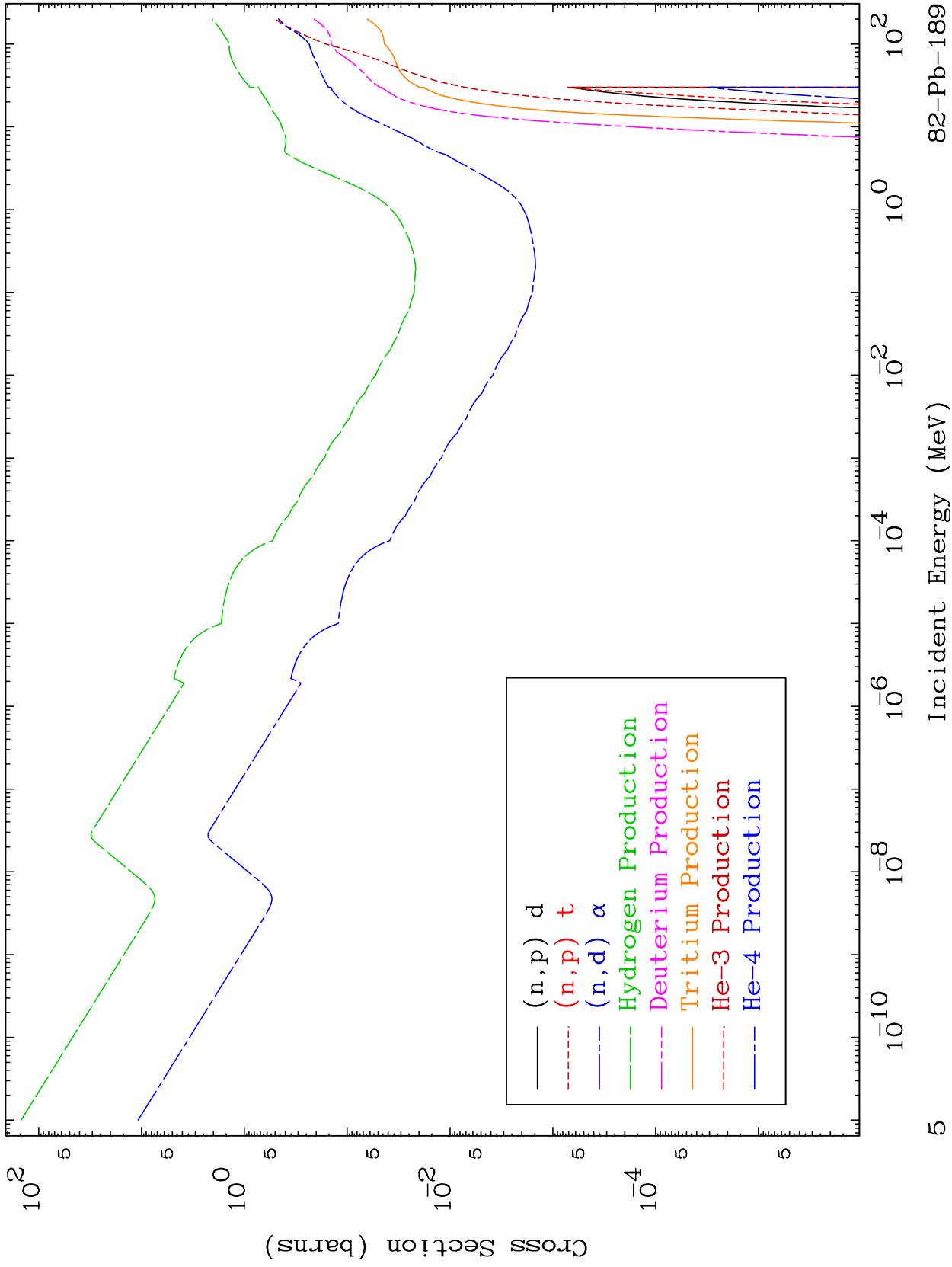


MAT 8180

Neutron Absorption  
293 Kelvin Cross Sections

82-Pb-189

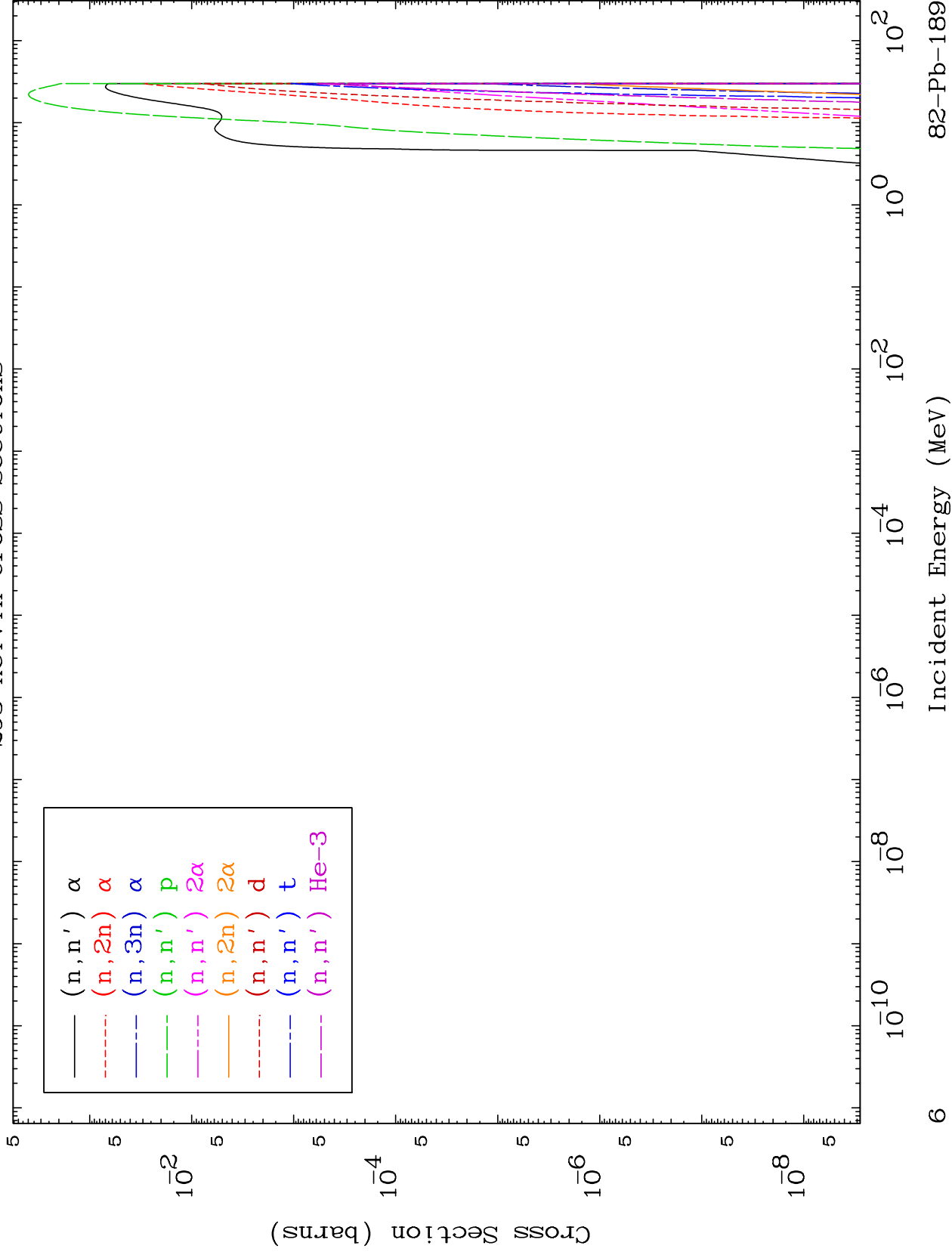




MAT 8180

Charged Particle  
293 Kelvin Cross Sections

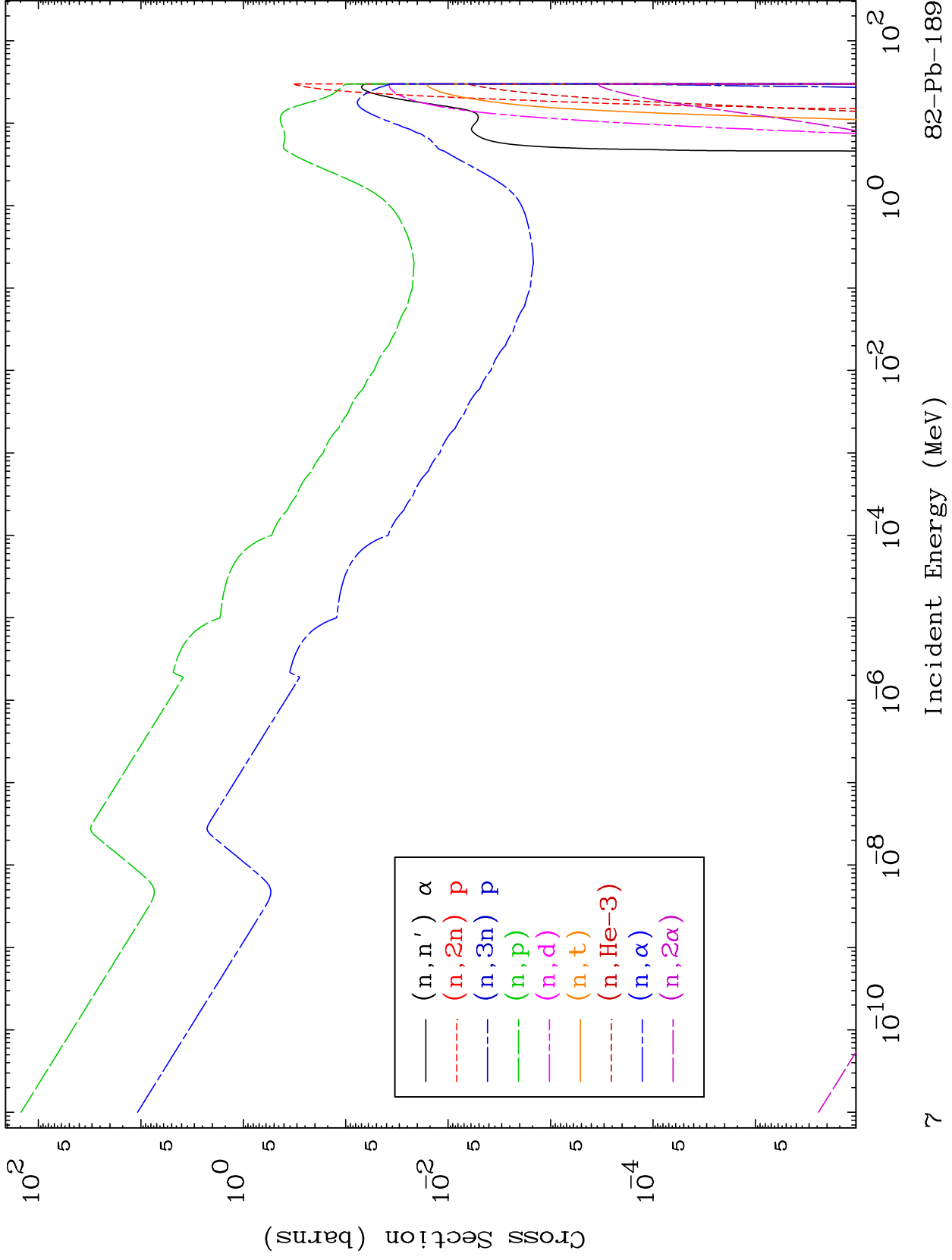
82-Pb-189



MAT 8180

Charged Particle  
293 Kelvin Cross Sections

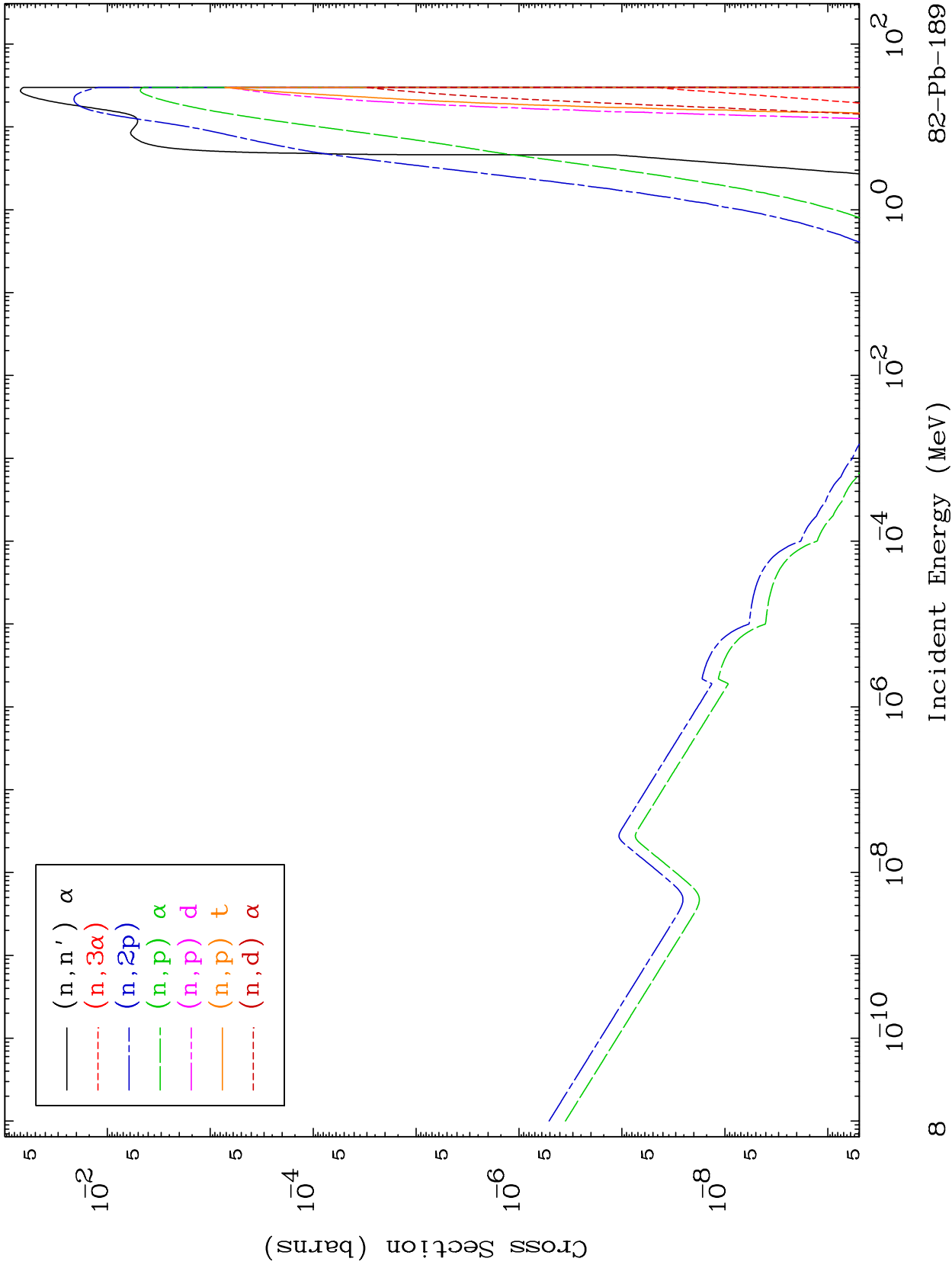
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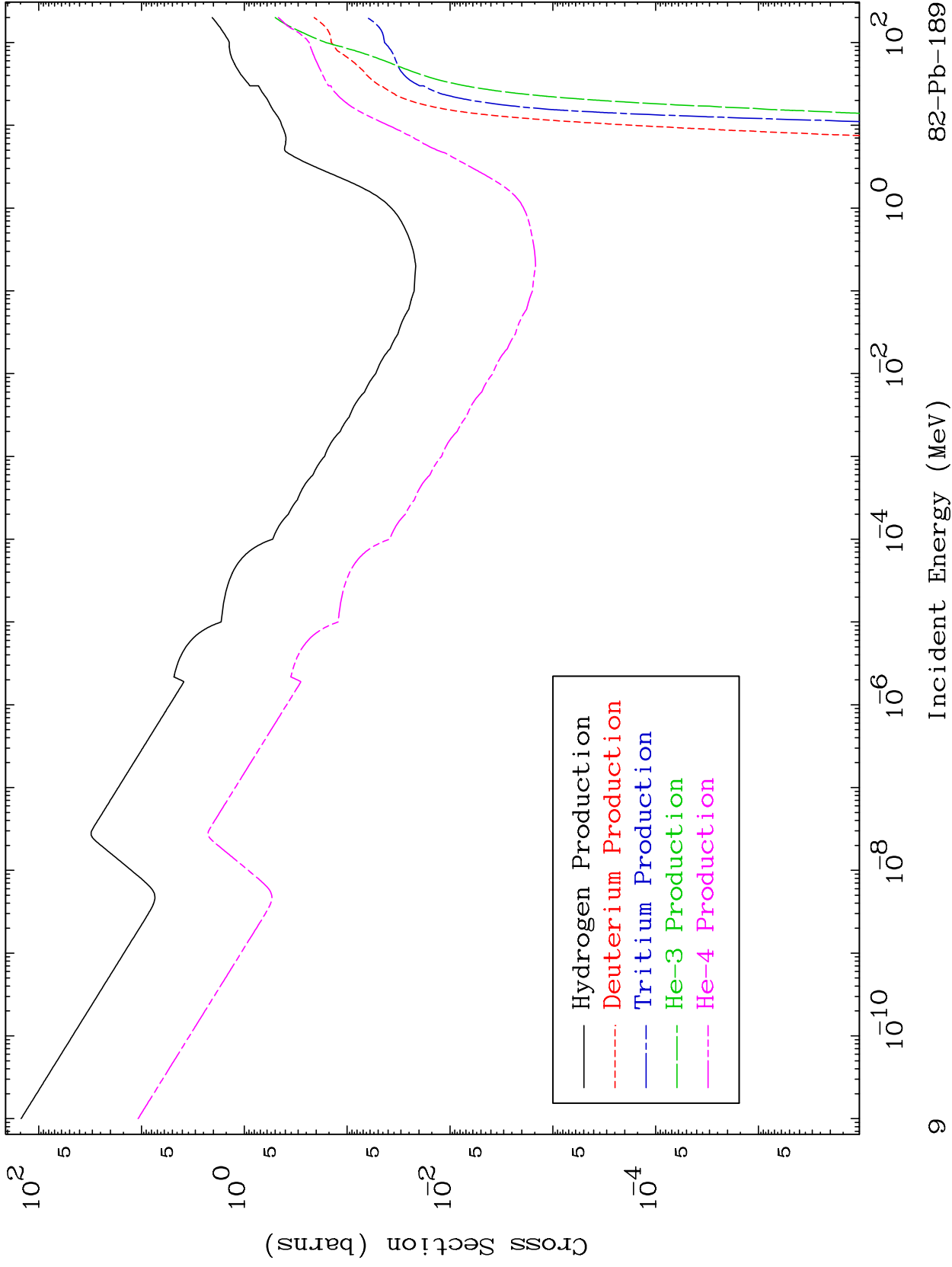


MAT 8180

Charged Particle  
293 Kelvin Cross Sections

82-Pb-189

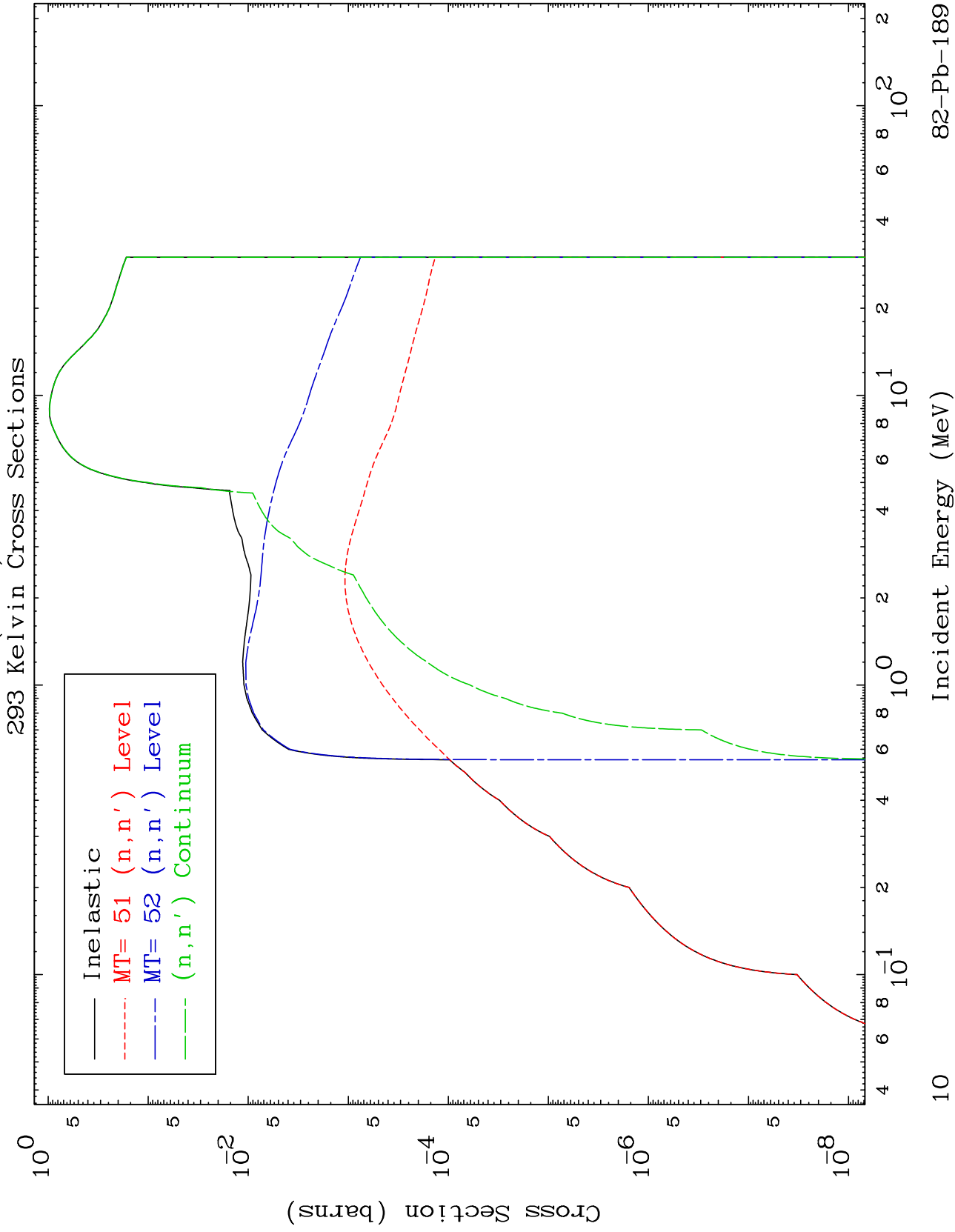




MAT 8180

(n,n') Levels

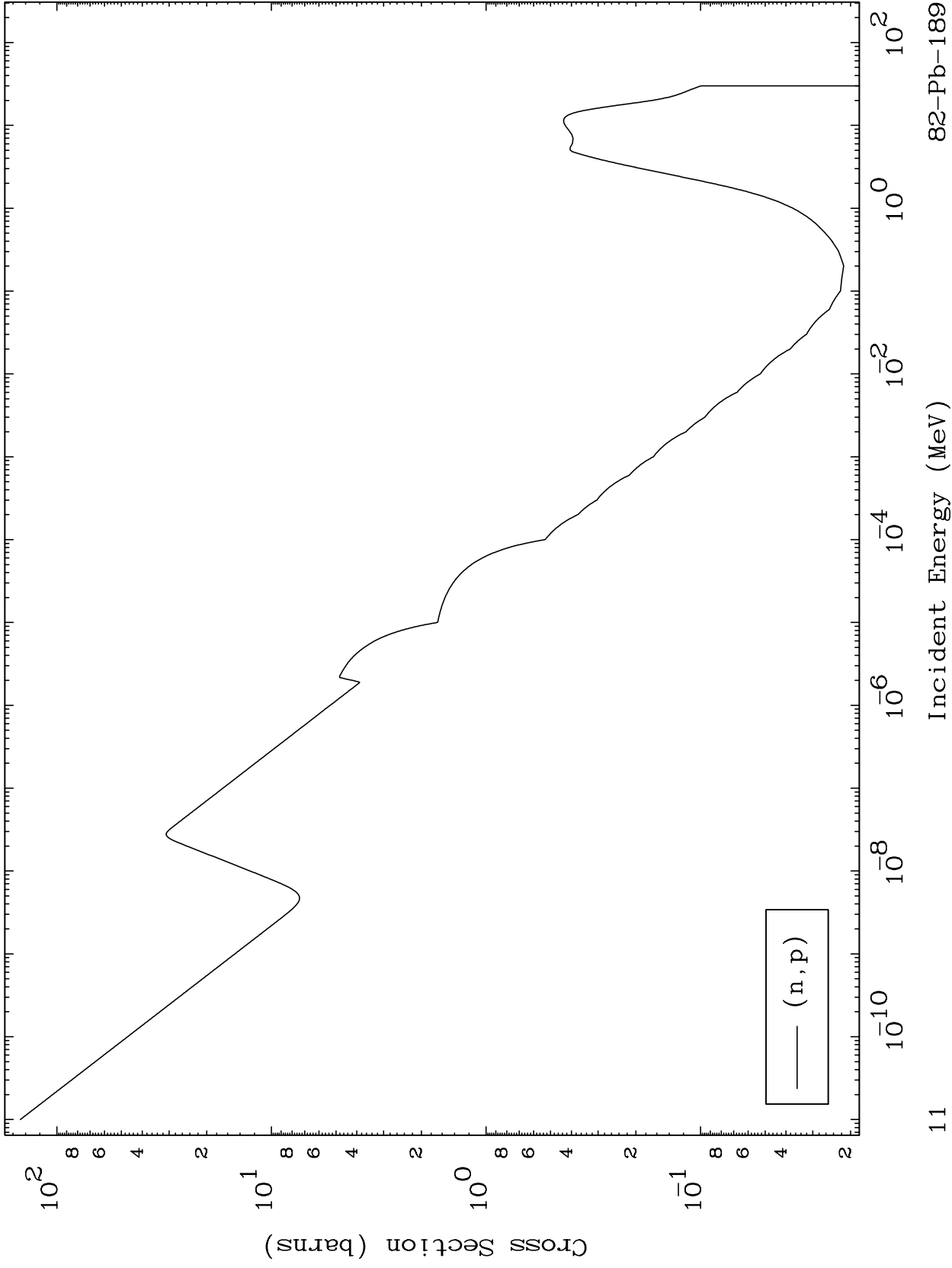
82-Pb-189



MAT 8180

(n,p) Levels  
293 Kelvin Cross Sections

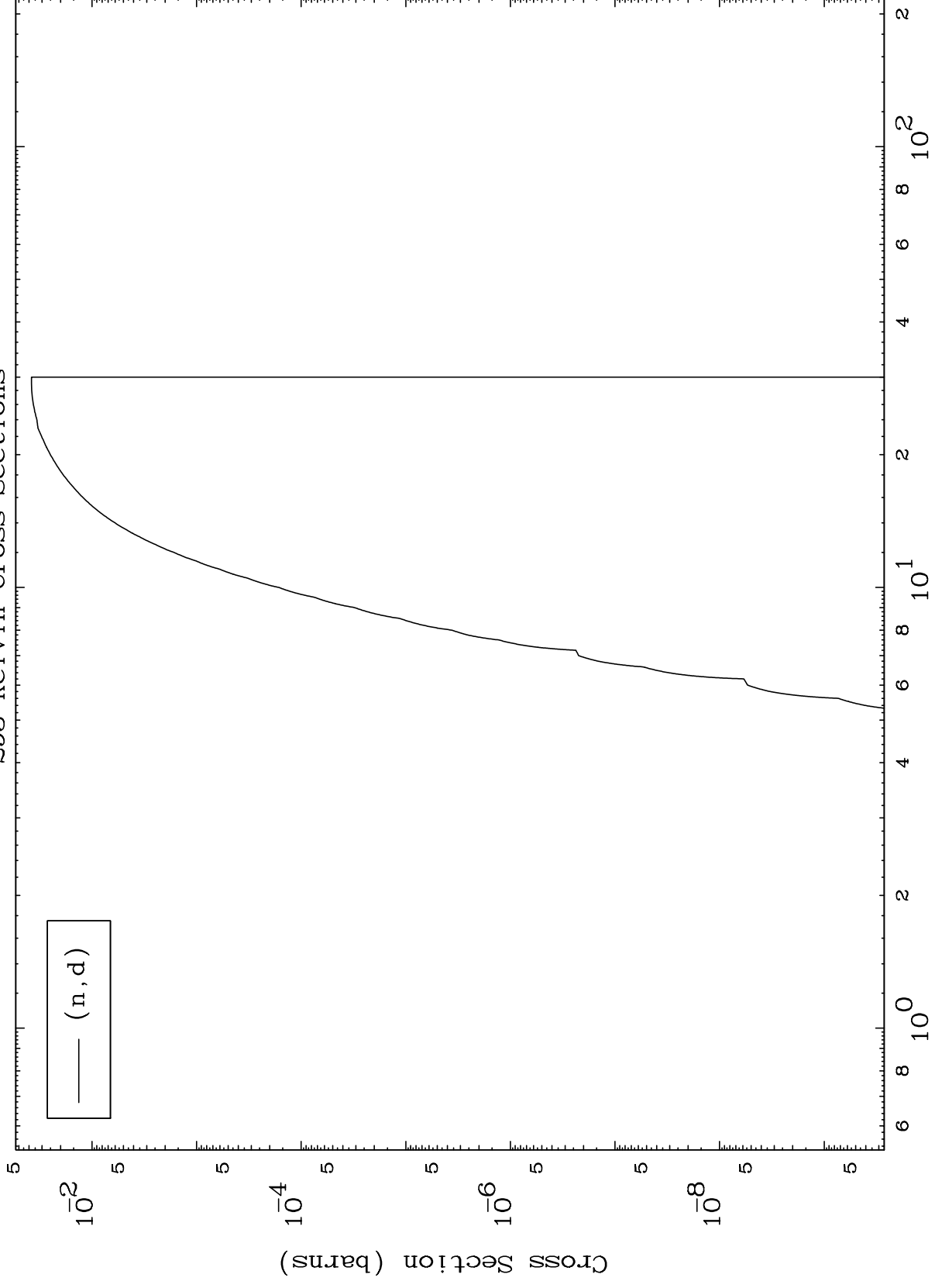
82-Pb-189



MAT 8180

(n,d) Levels  
293 Kelvin Cross Sections

82-Pb-189



12

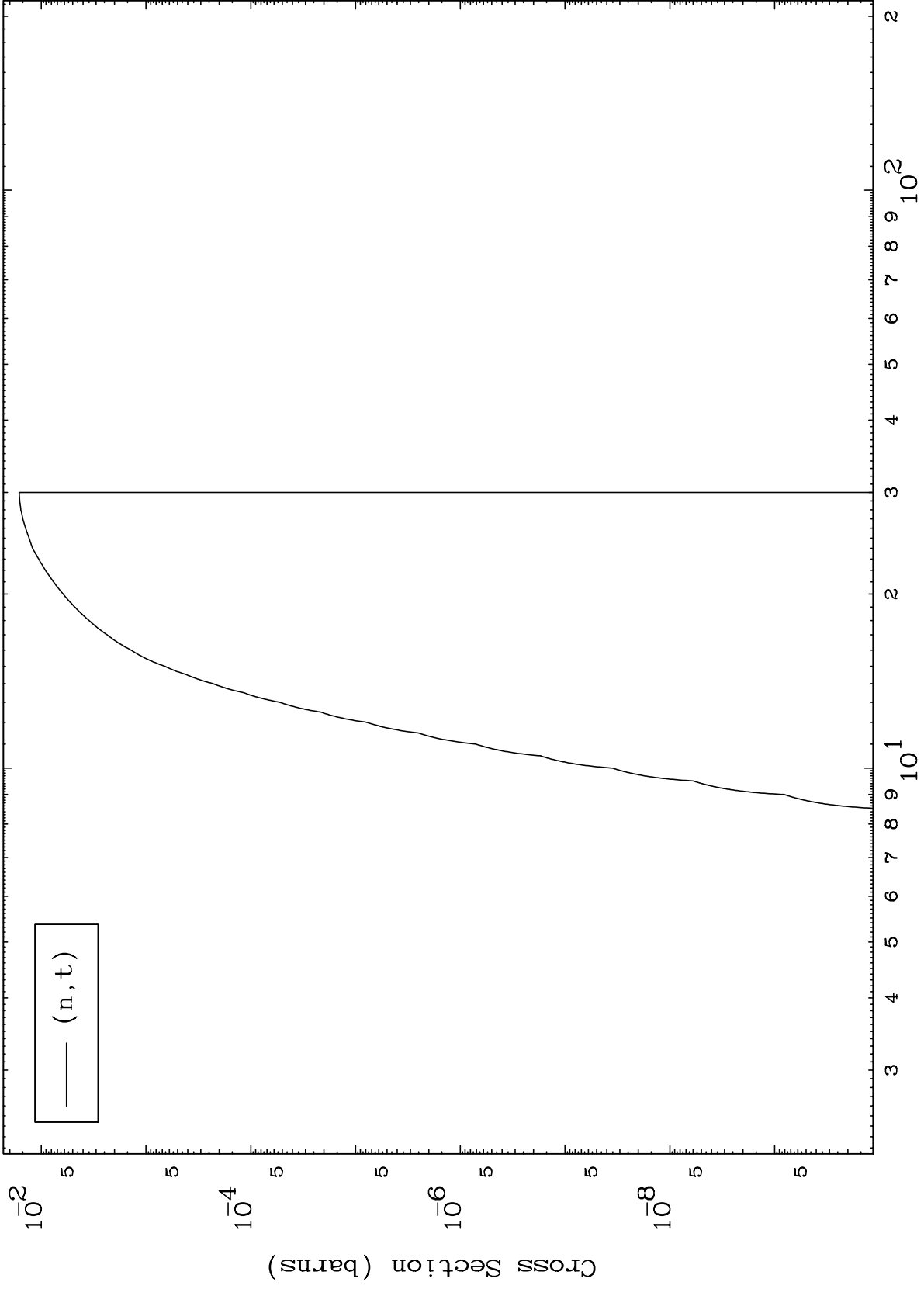
Incident Energy (MeV)

82-Pb-189

MAT 8180

(n,t) Levels  
293 Kelvin Cross Sections

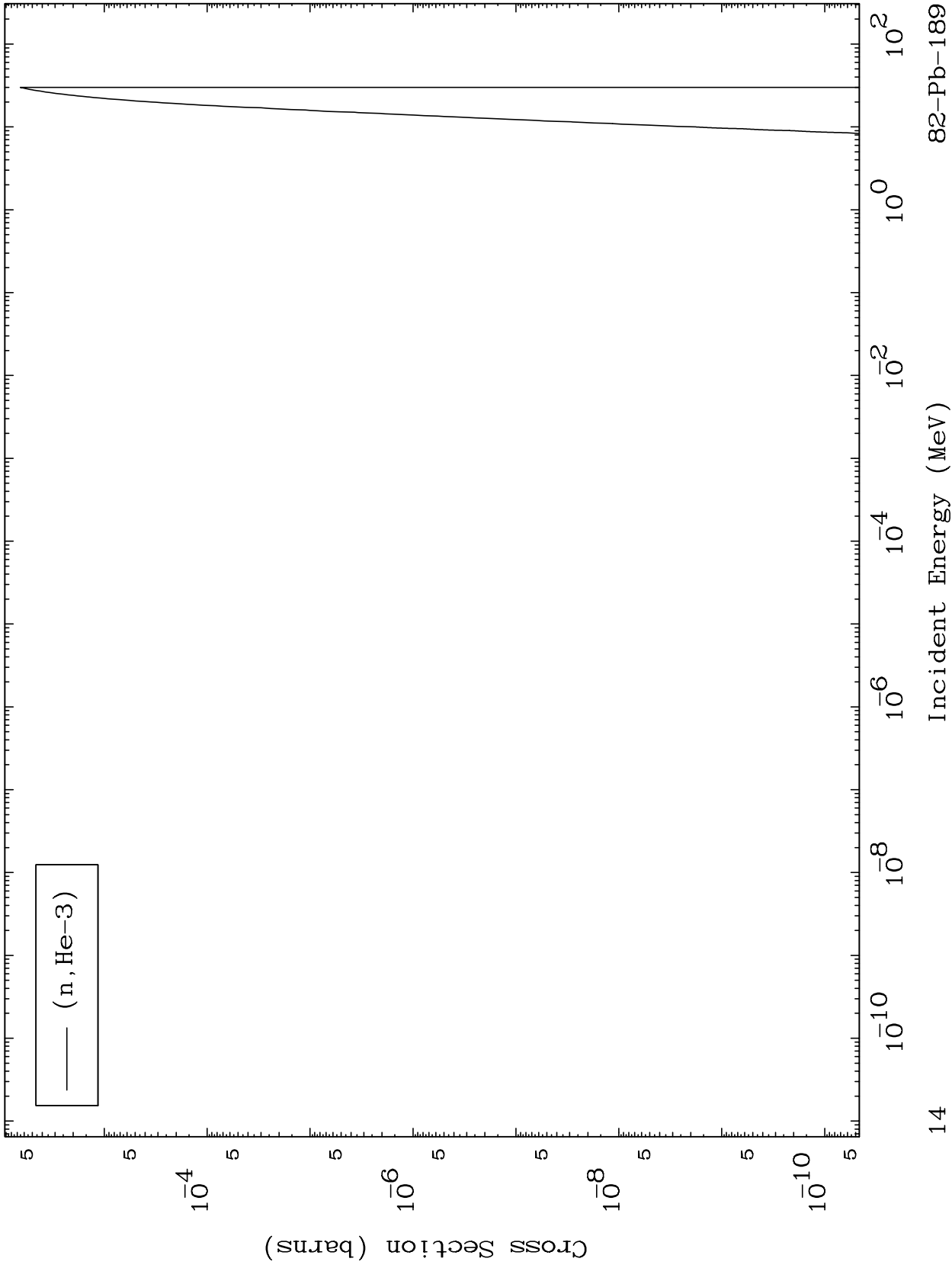
82-Pb-189



MAT 8180

(n,He3) Levels  
293 Kelvin Cross Sections

82-Pb-189

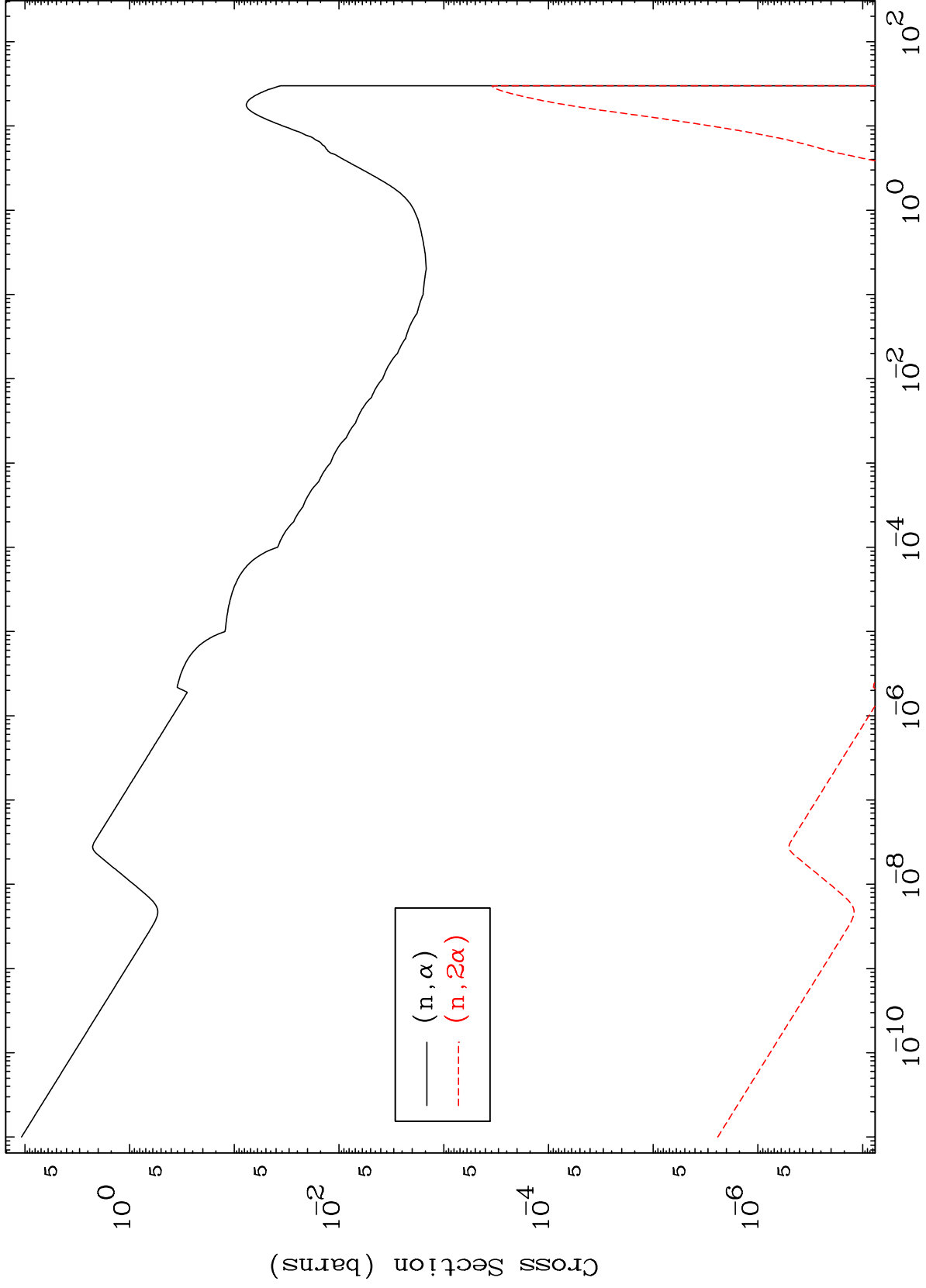


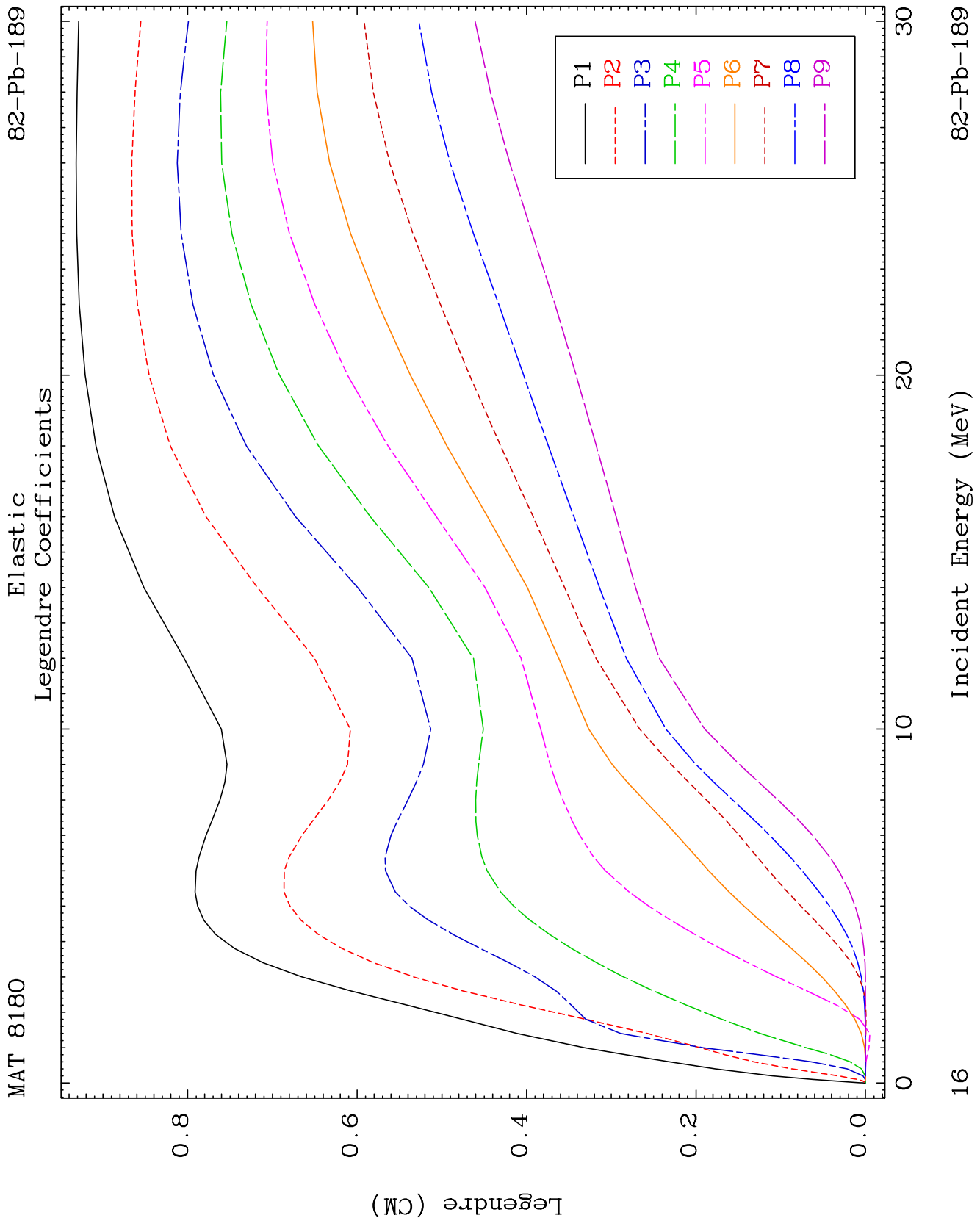
(n, He-3)

MAT 8180

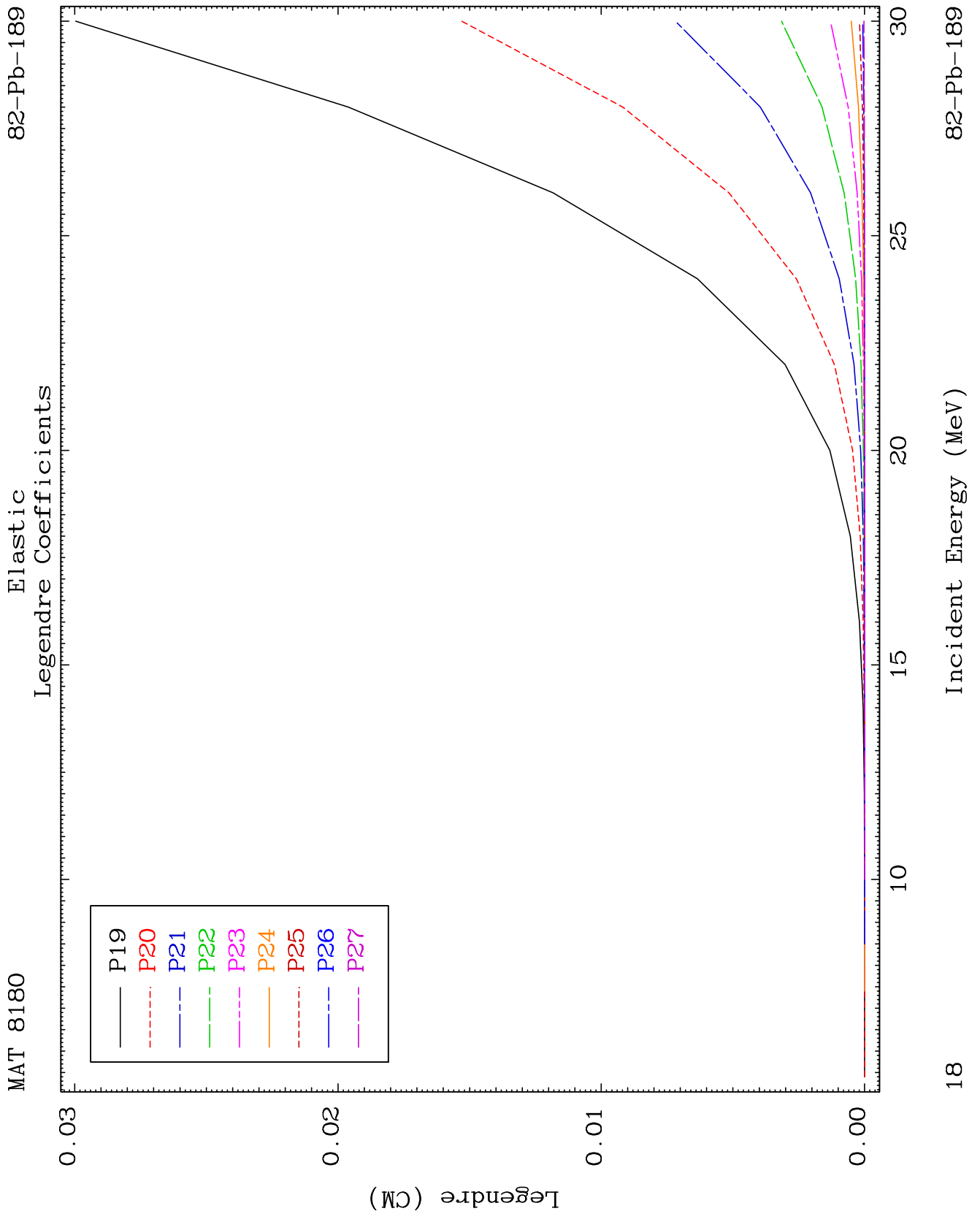
(n,  $\alpha$ ) Levels  
293 Kelvin Cross Sections

82-Pb-189





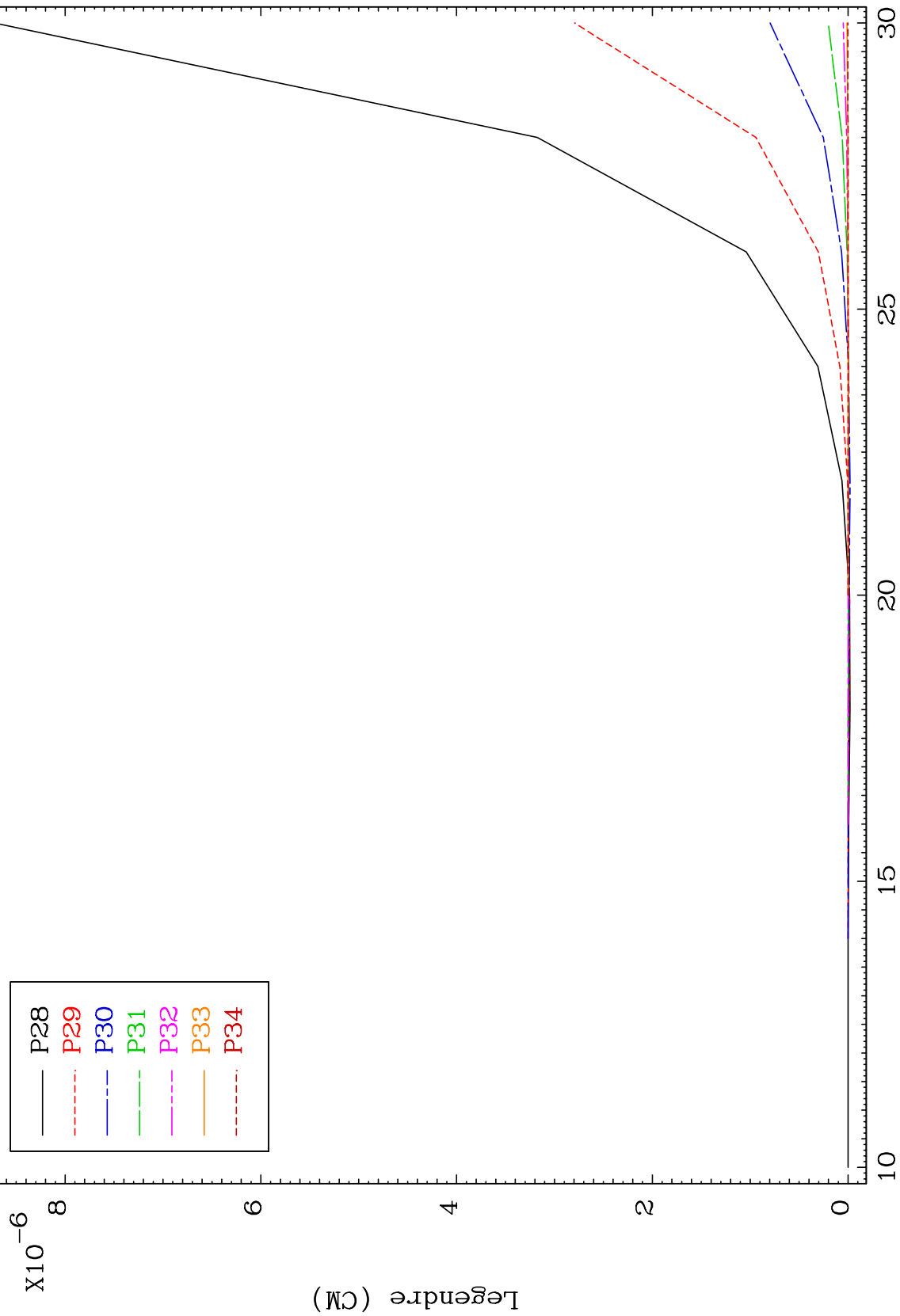
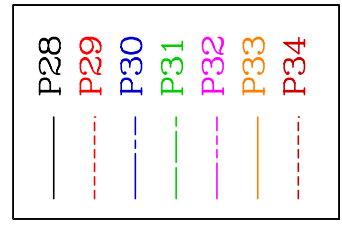




MAT 8180

Elastic Legendre Coefficients

82-Pb-189



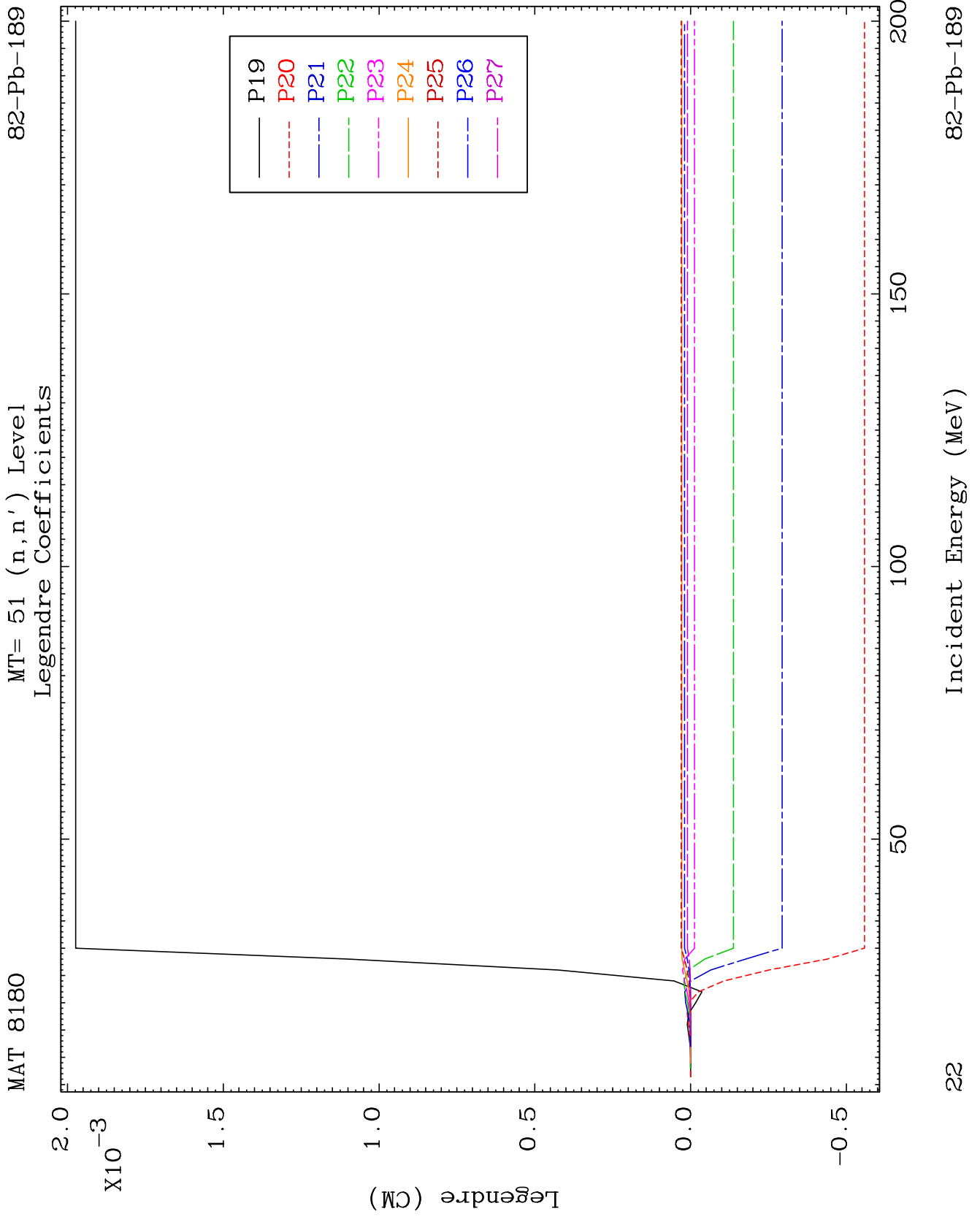
82-Pb-189

Incident Energy (MeV)

19



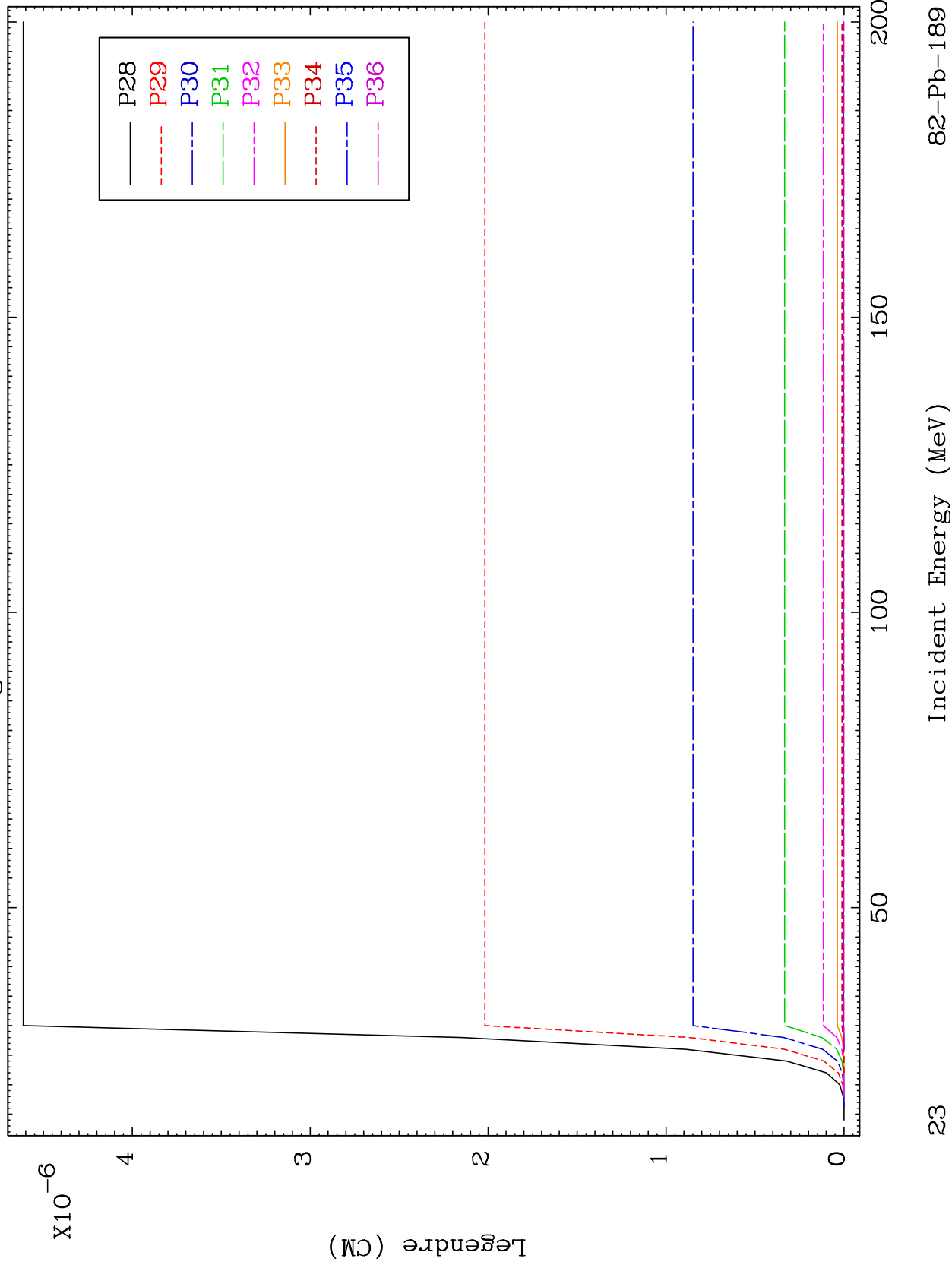




MAT 8180

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

82-Pb-189



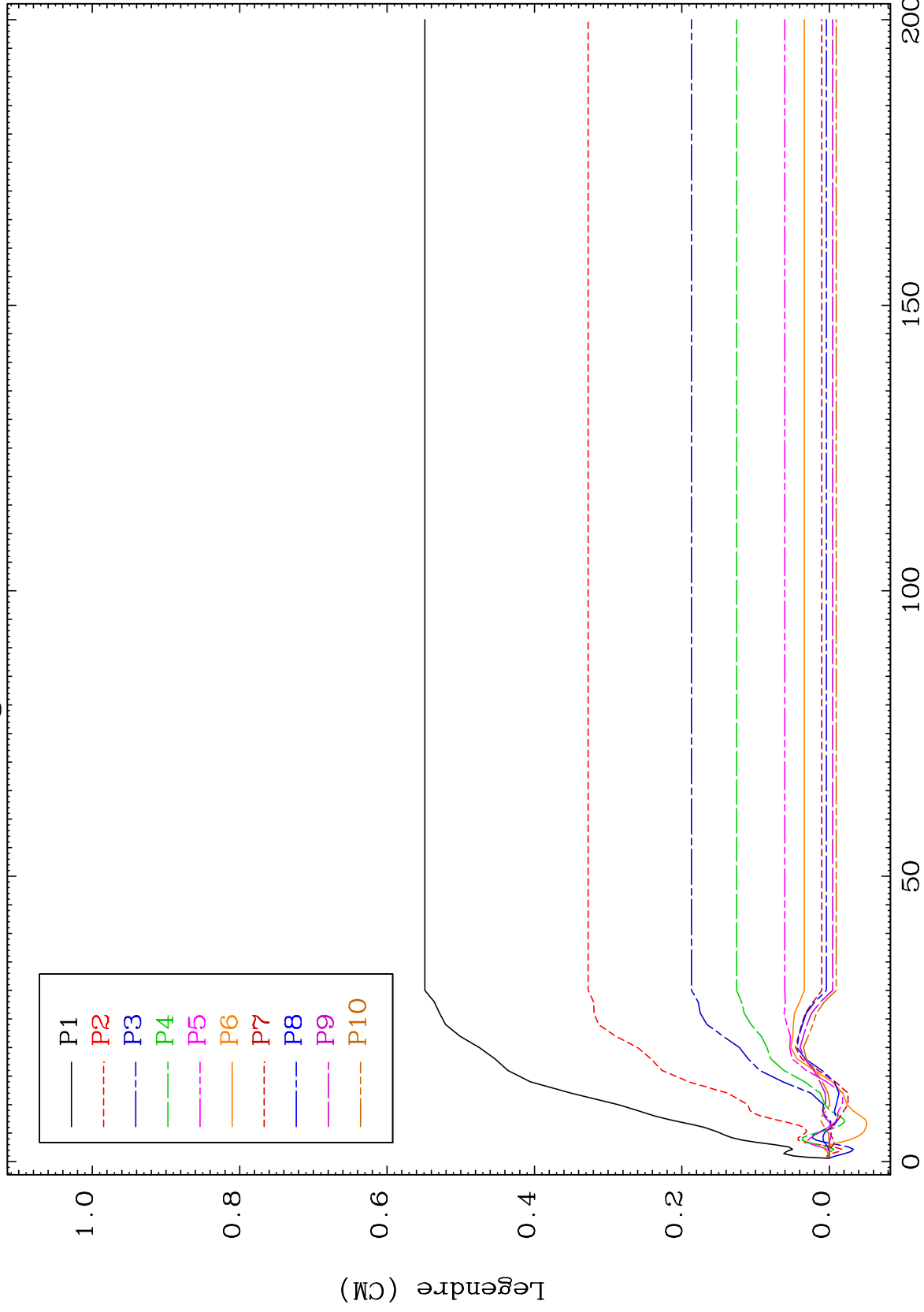
23

82-Pb-189

MAT 8180

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

82-Pb-189



24

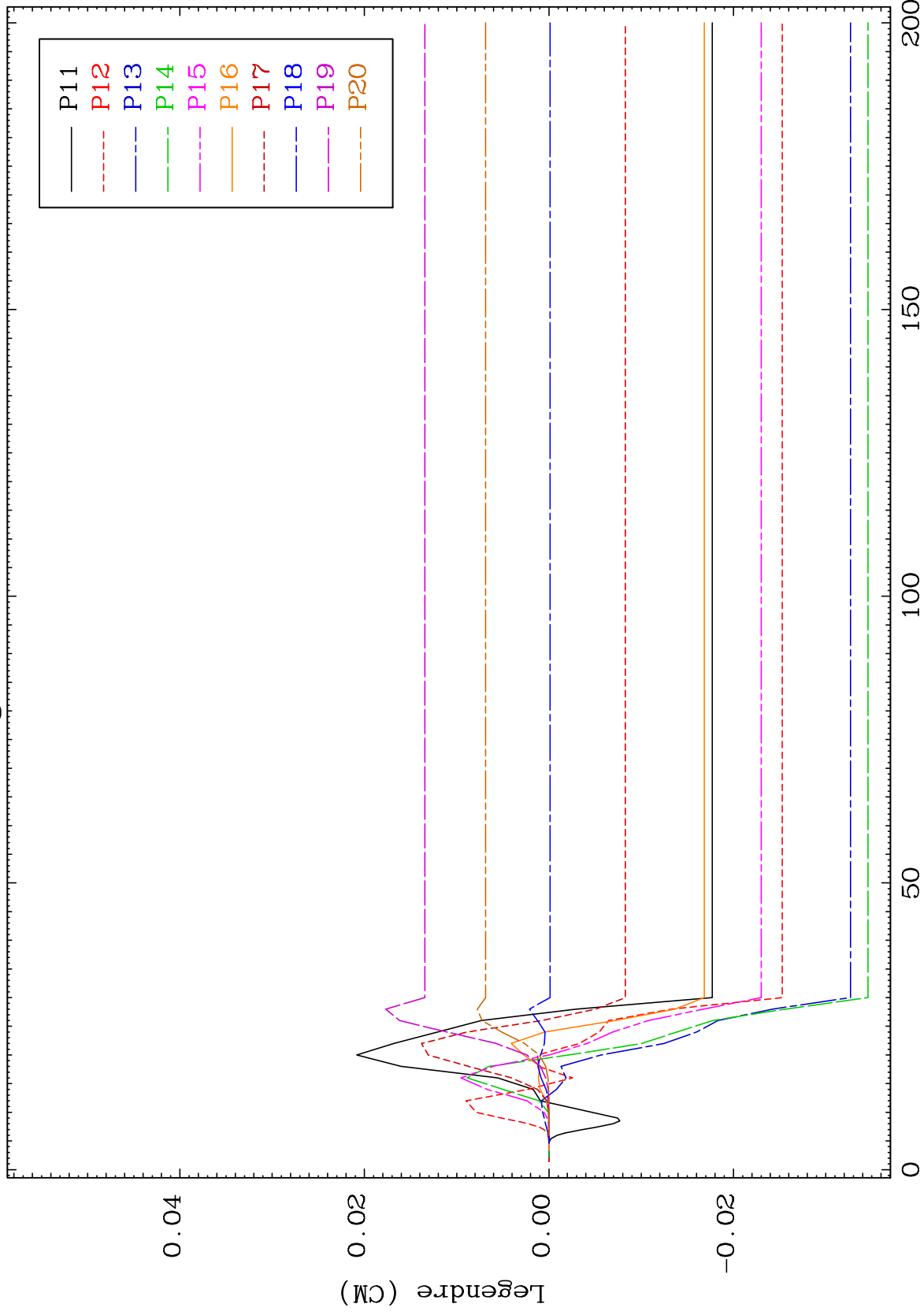
Incident Energy (MeV)

82-Pb-189

MAT 8180

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

82-Pb-189



25

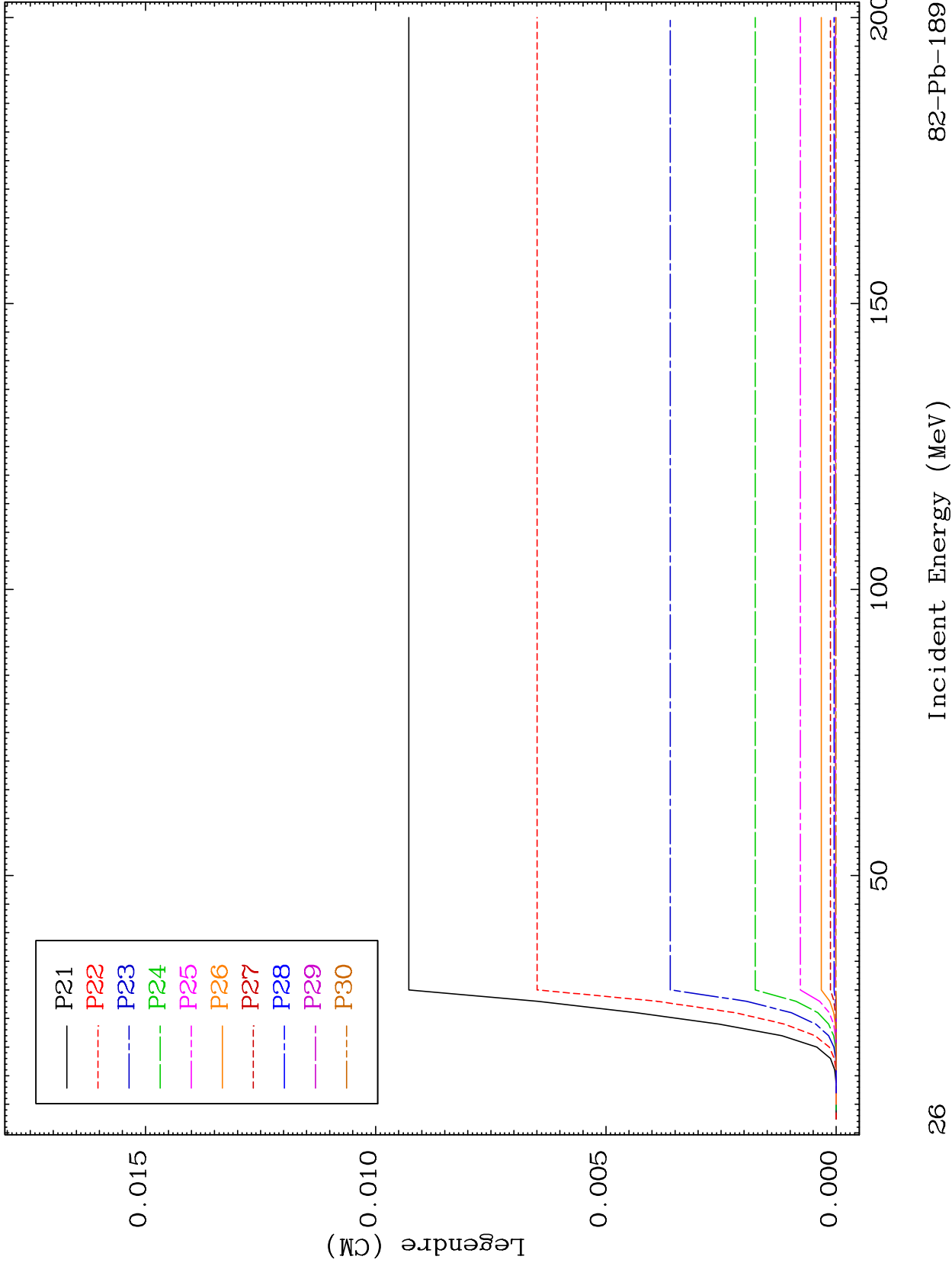
Incident Energy (MeV)

82-Pb-189

MAT 8180

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

82-Pb-189



26

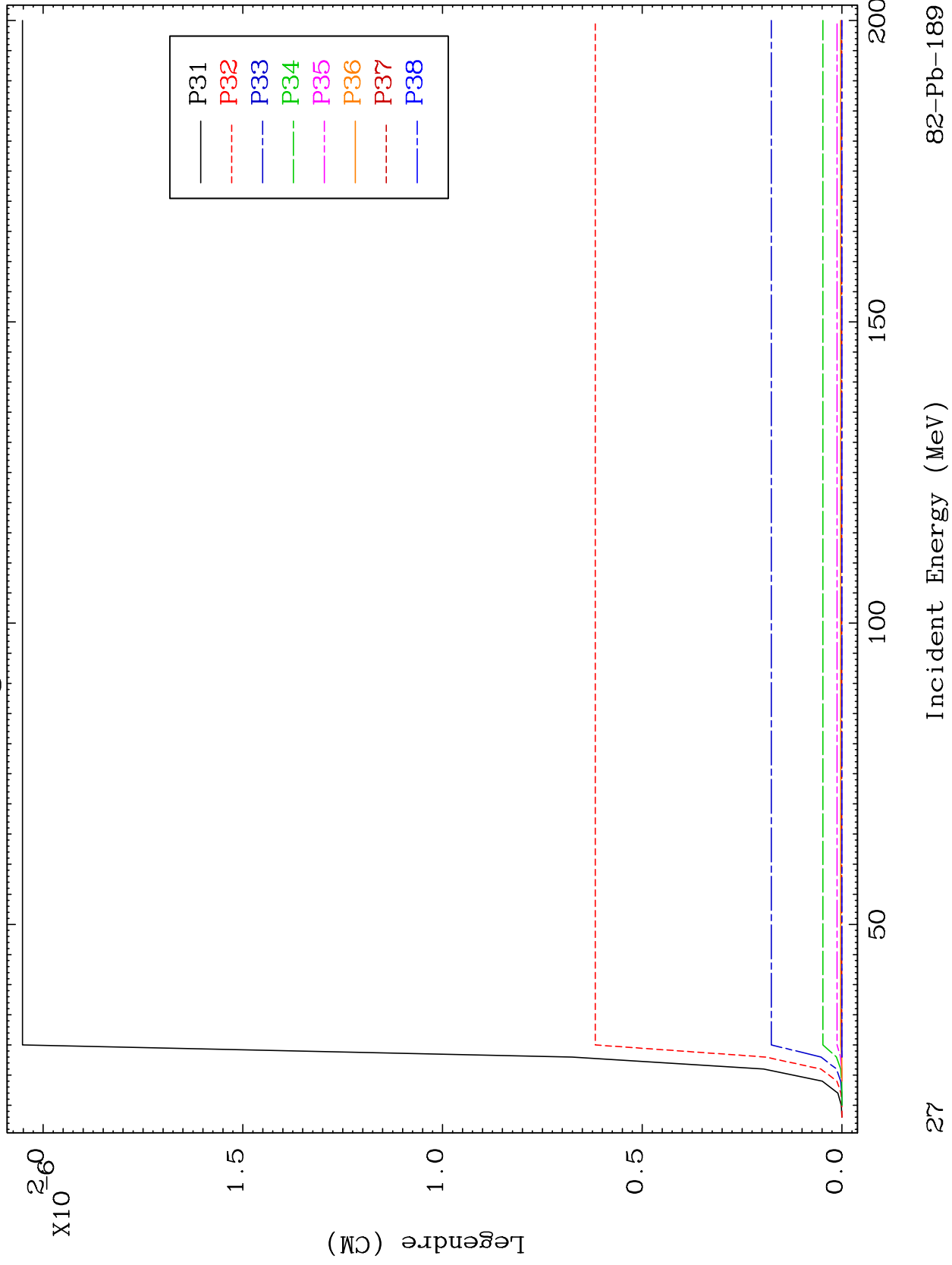
Incident Energy (MeV)

82-Pb-189

MAT 8180

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

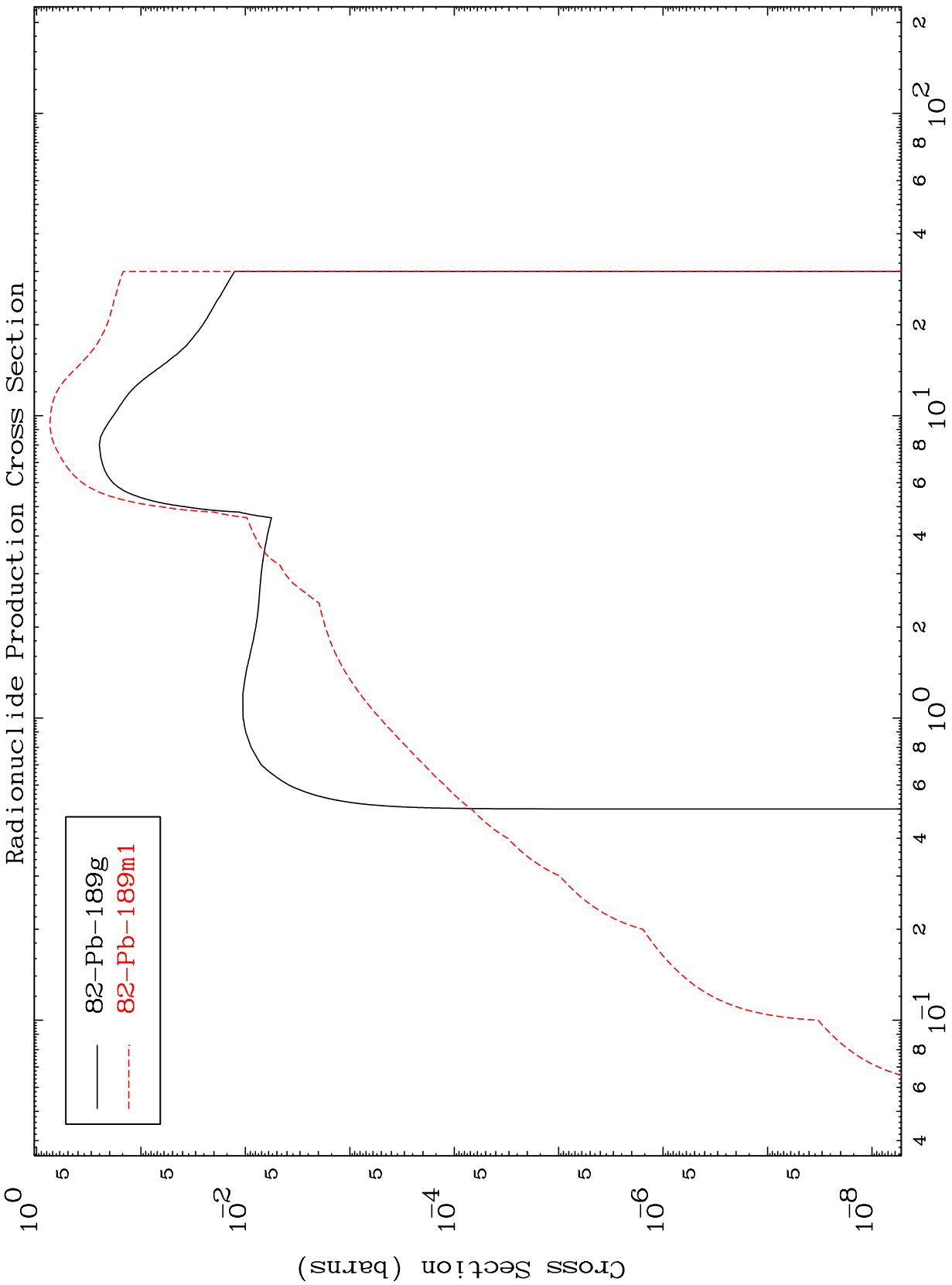
82-Pb-189



MAT 8180

82-Pb-189

Inelastic  
Radionuclide Production Cross Section



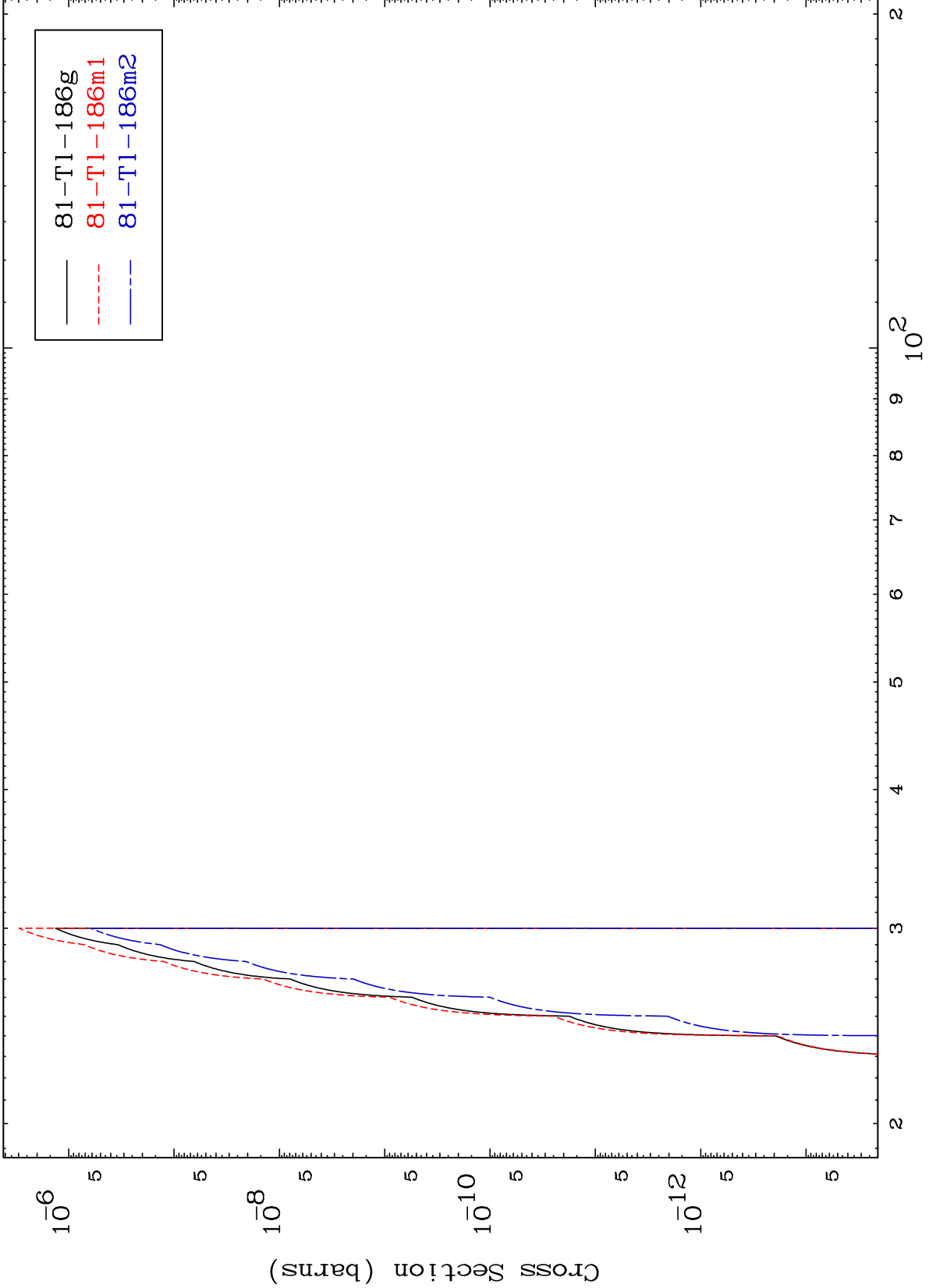
82-Pb-189g  
82-Pb-189m1

28

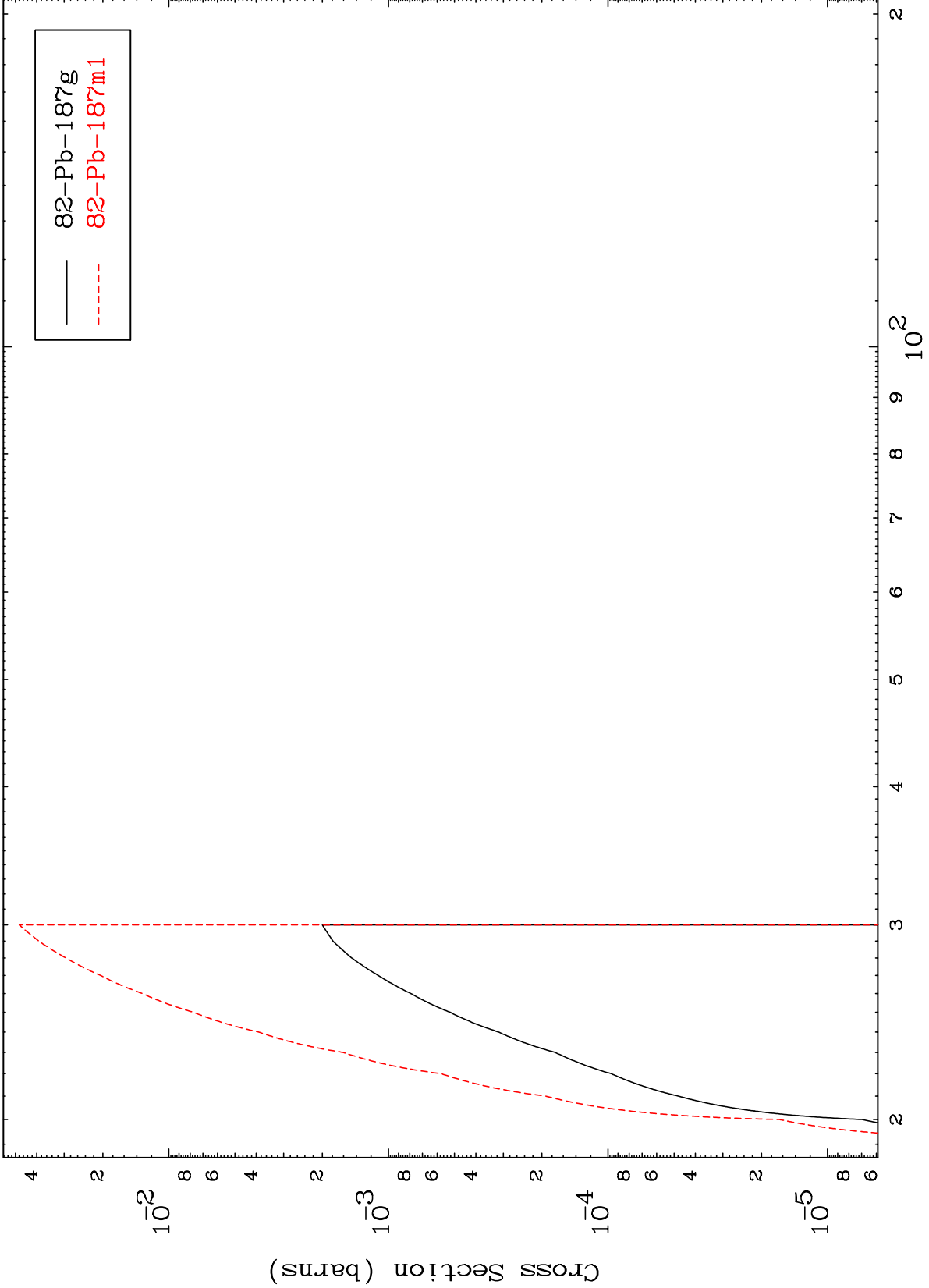
82-Pb-189

Incident Energy (MeV)

Radionuclide Production Cross Section



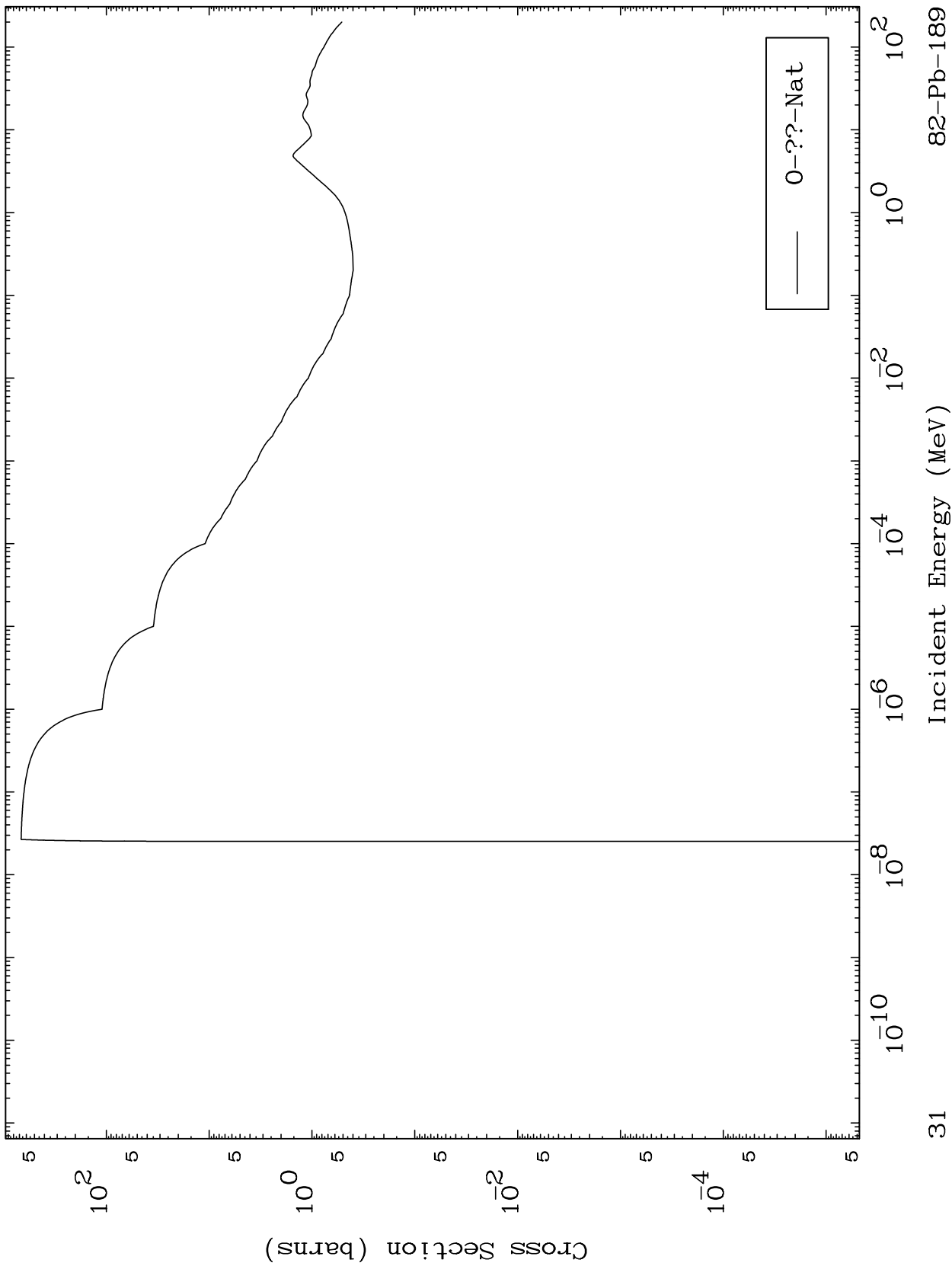
Radionuclide Production Cross Section



MAT 8180

82-Pb-189

Fission  
Radionuclide Production Cross Section

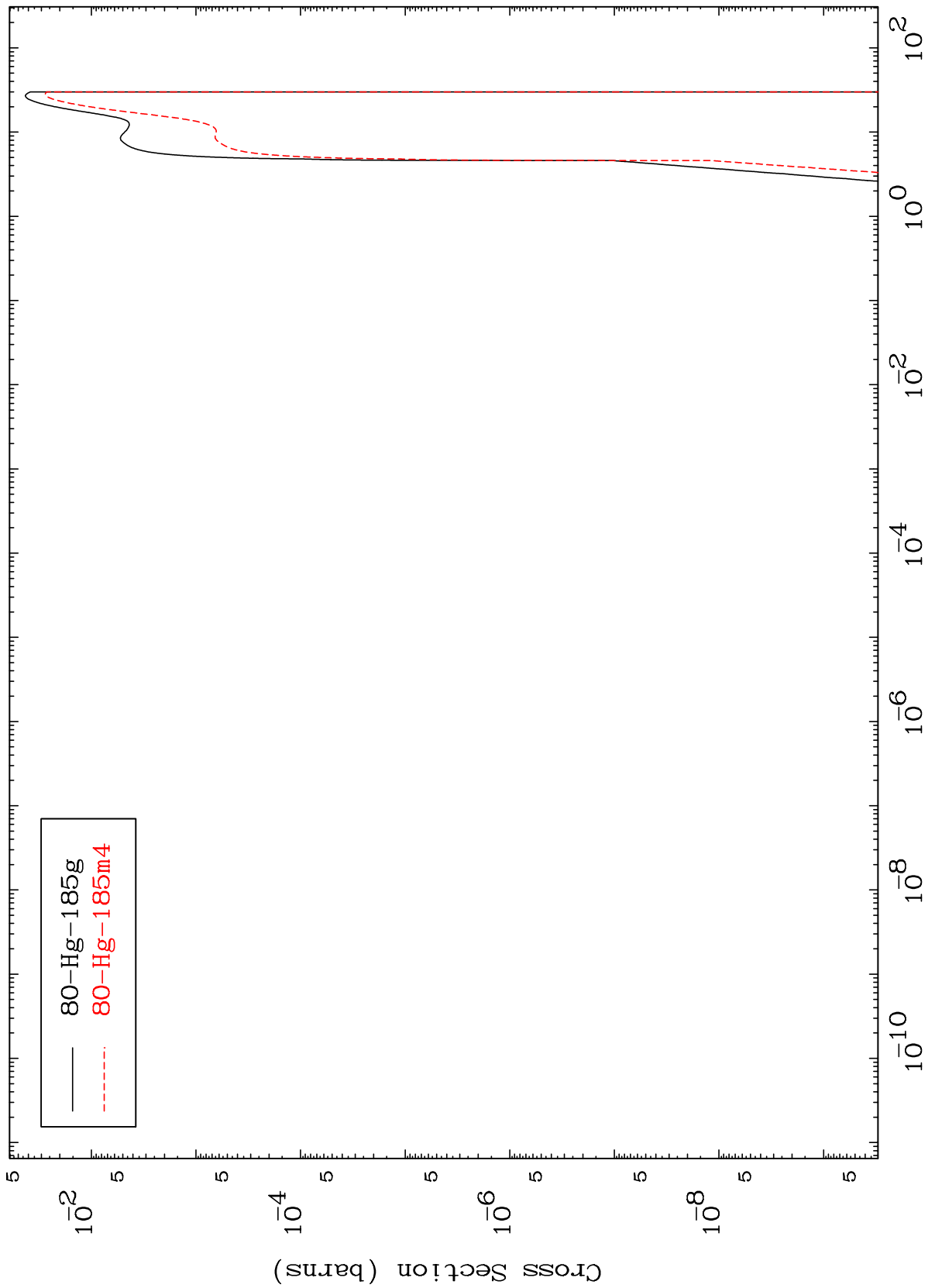


MAT 8180

$(n, n') \alpha$

82-Pb-189

Radionuclide Production Cross Section



32

Incident Energy (MeV)

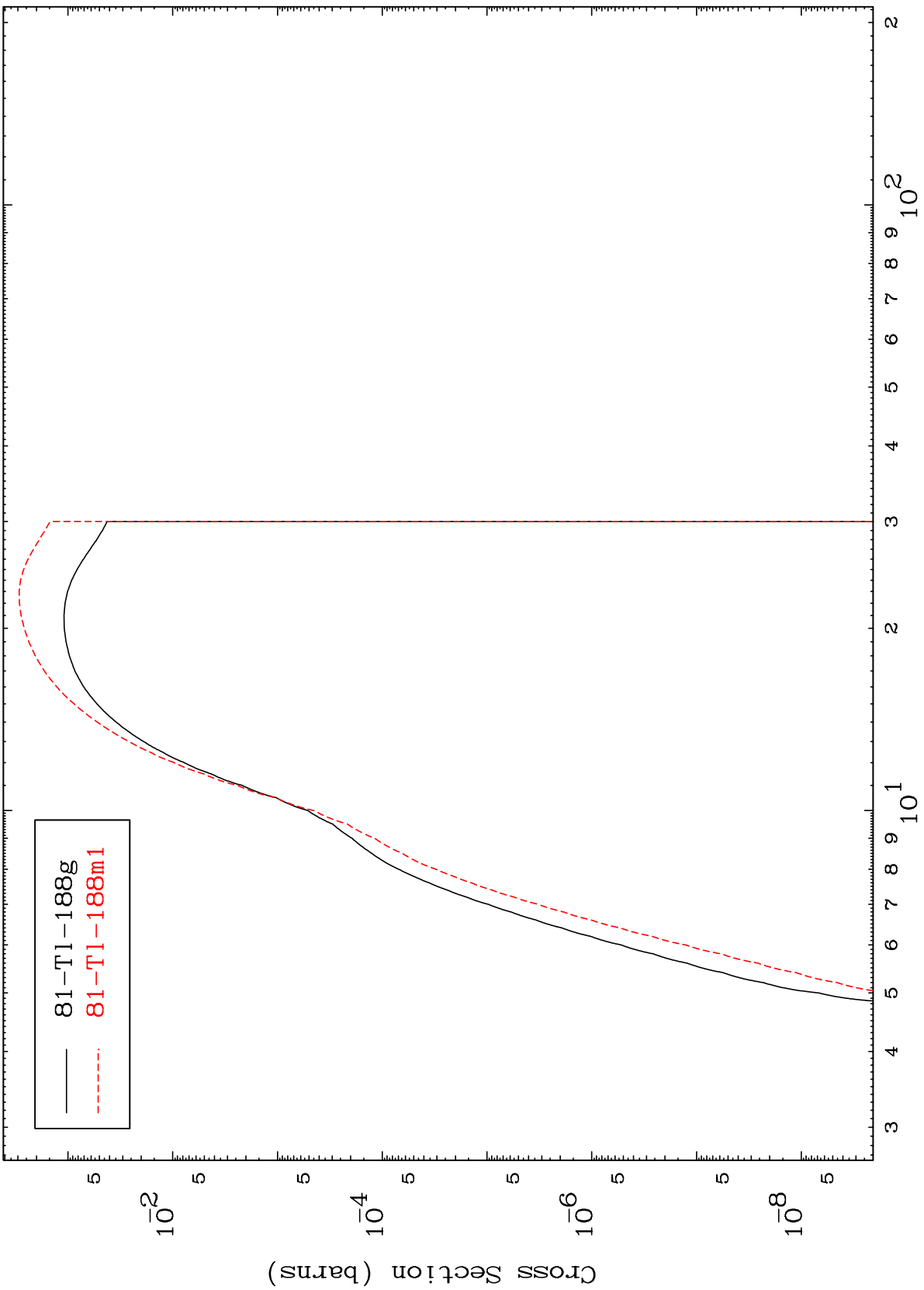
82-Pb-189

MAT 8180

(n,n') p

82-Pb-189

Radionuclide Production Cross Section



81-Tl-188g  
81-Tl-188m1

33

Incident Energy (MeV)

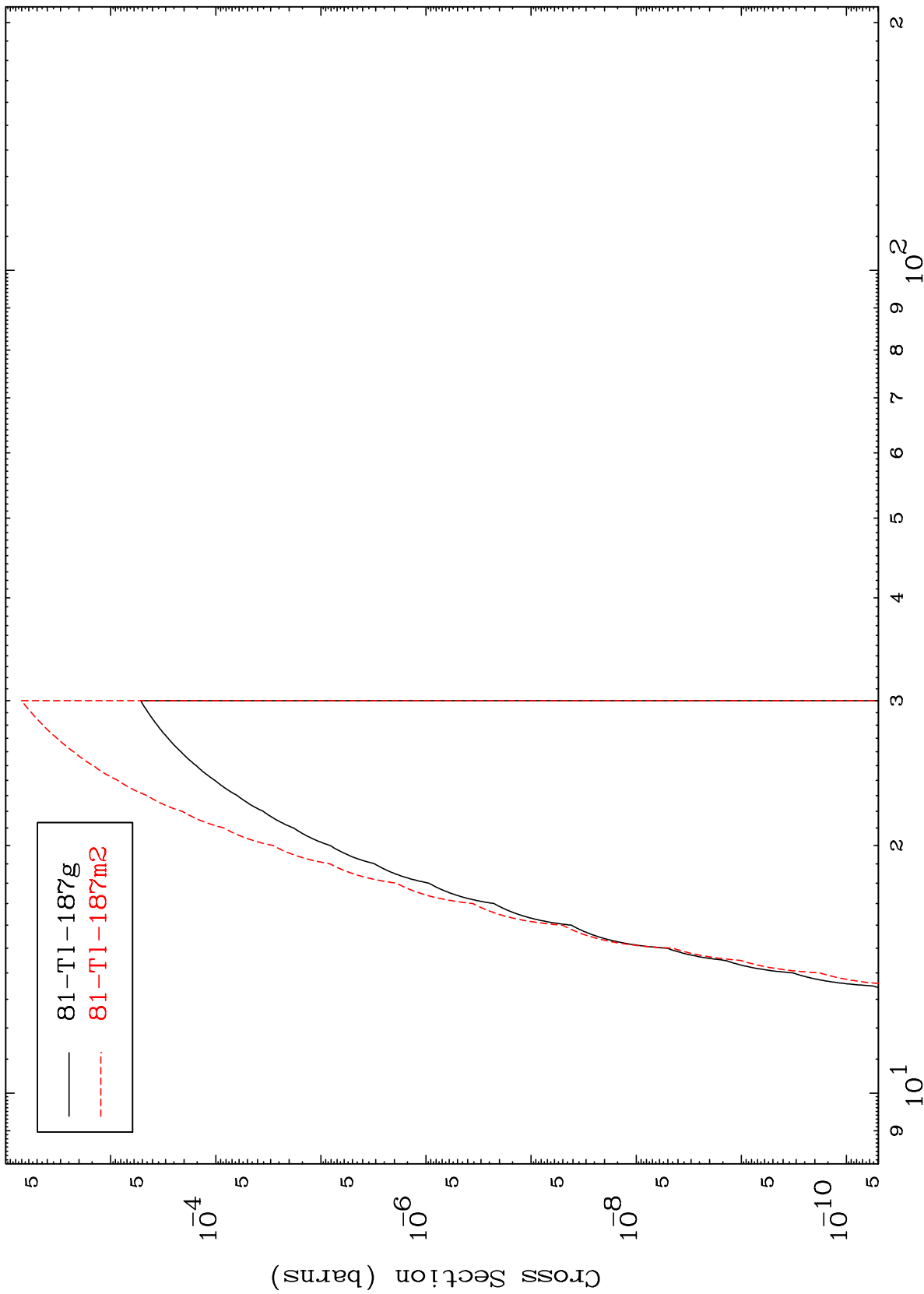
82-Pb-189

MAT 8180

(n,n') d

82-Pb-189

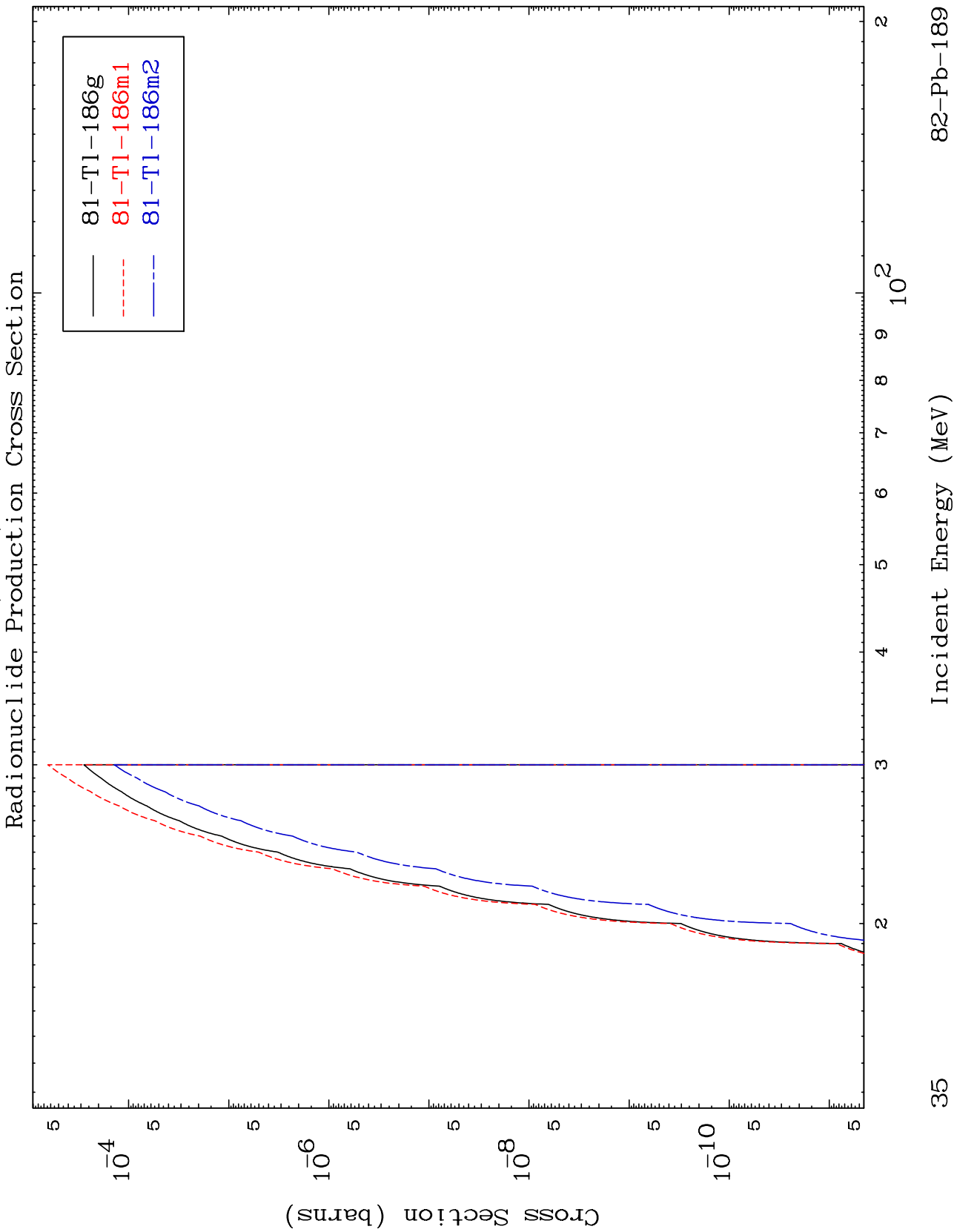
Radionuclide Production Cross Section



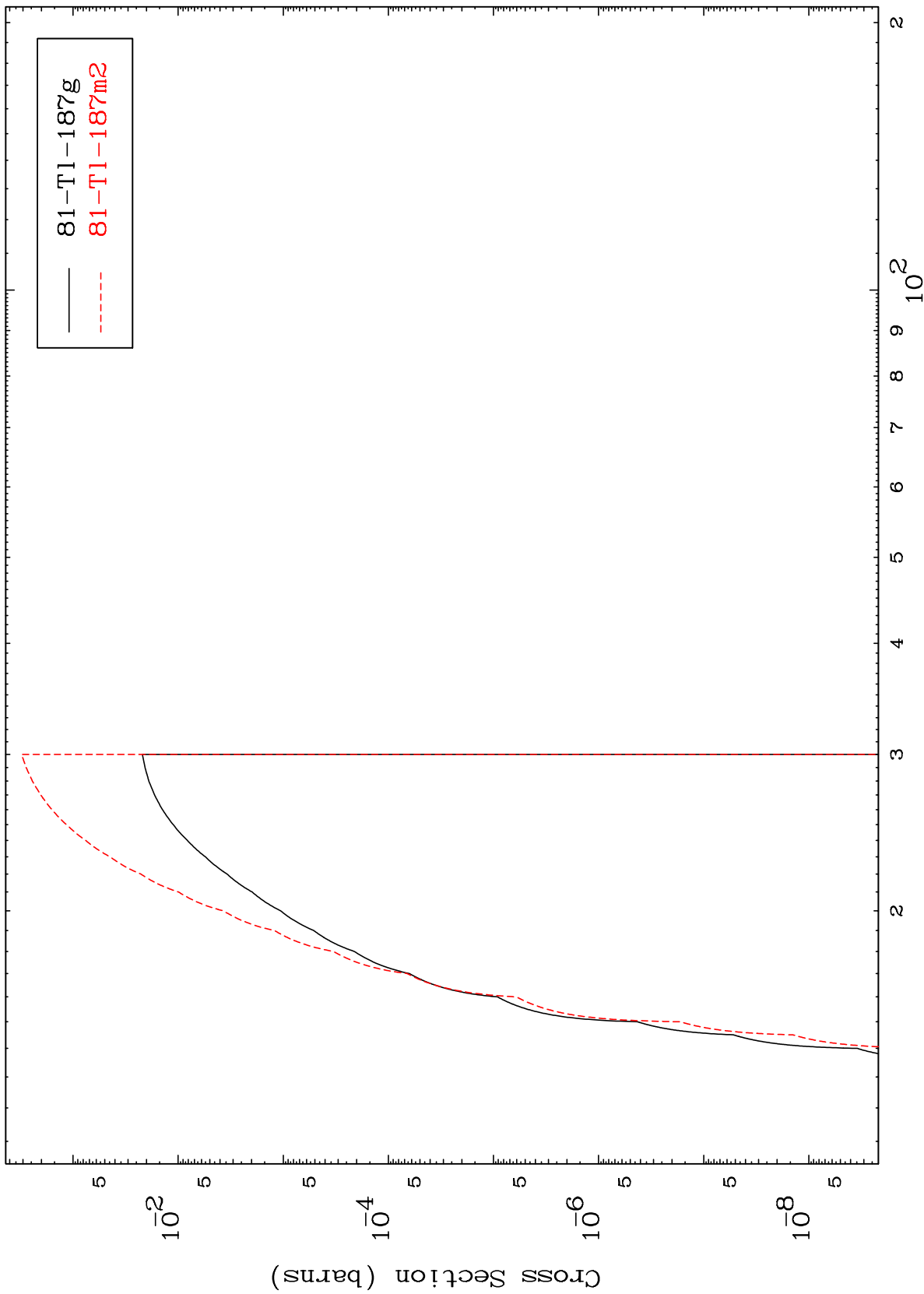
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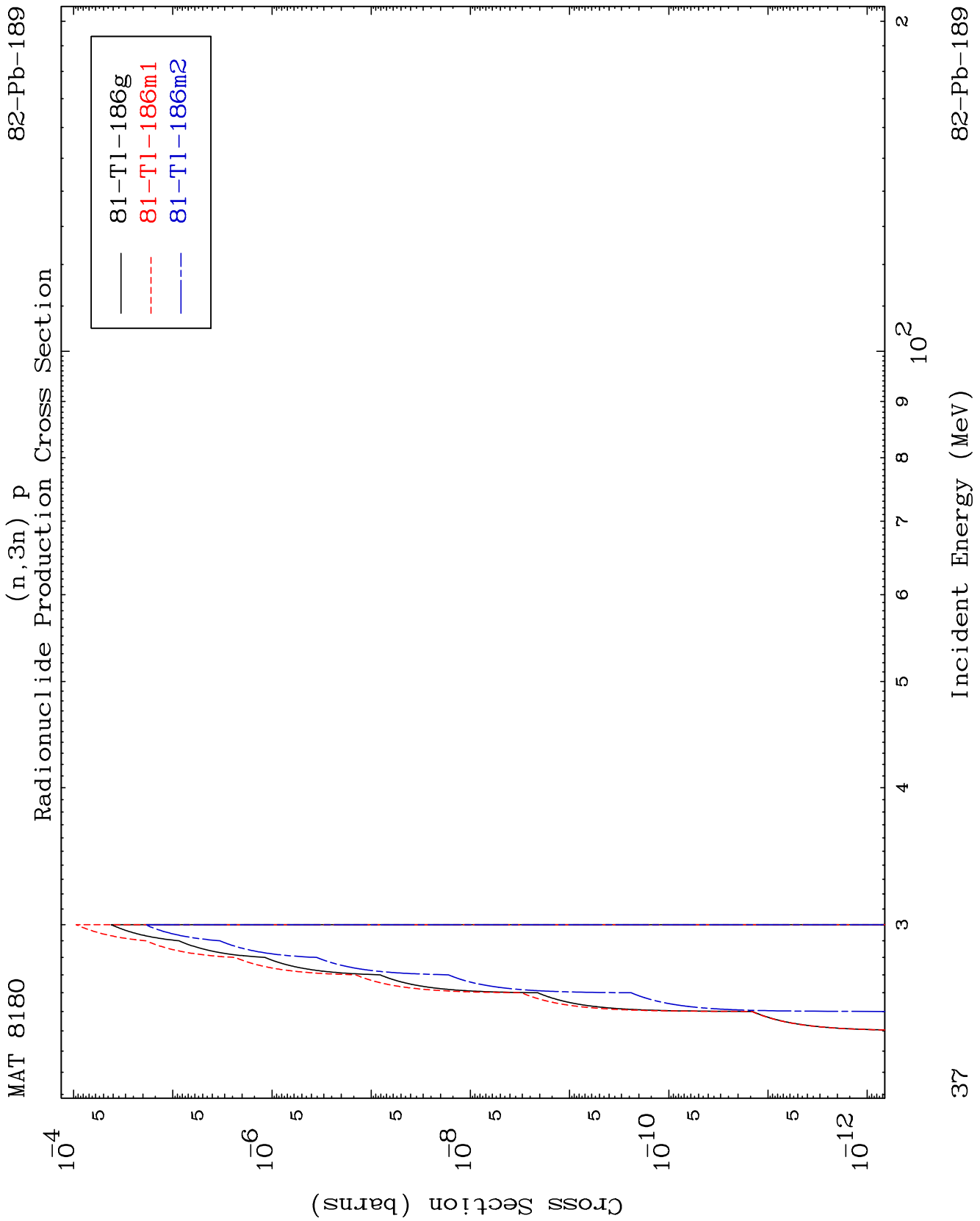
Incident Energy (MeV)

82-Pb-189

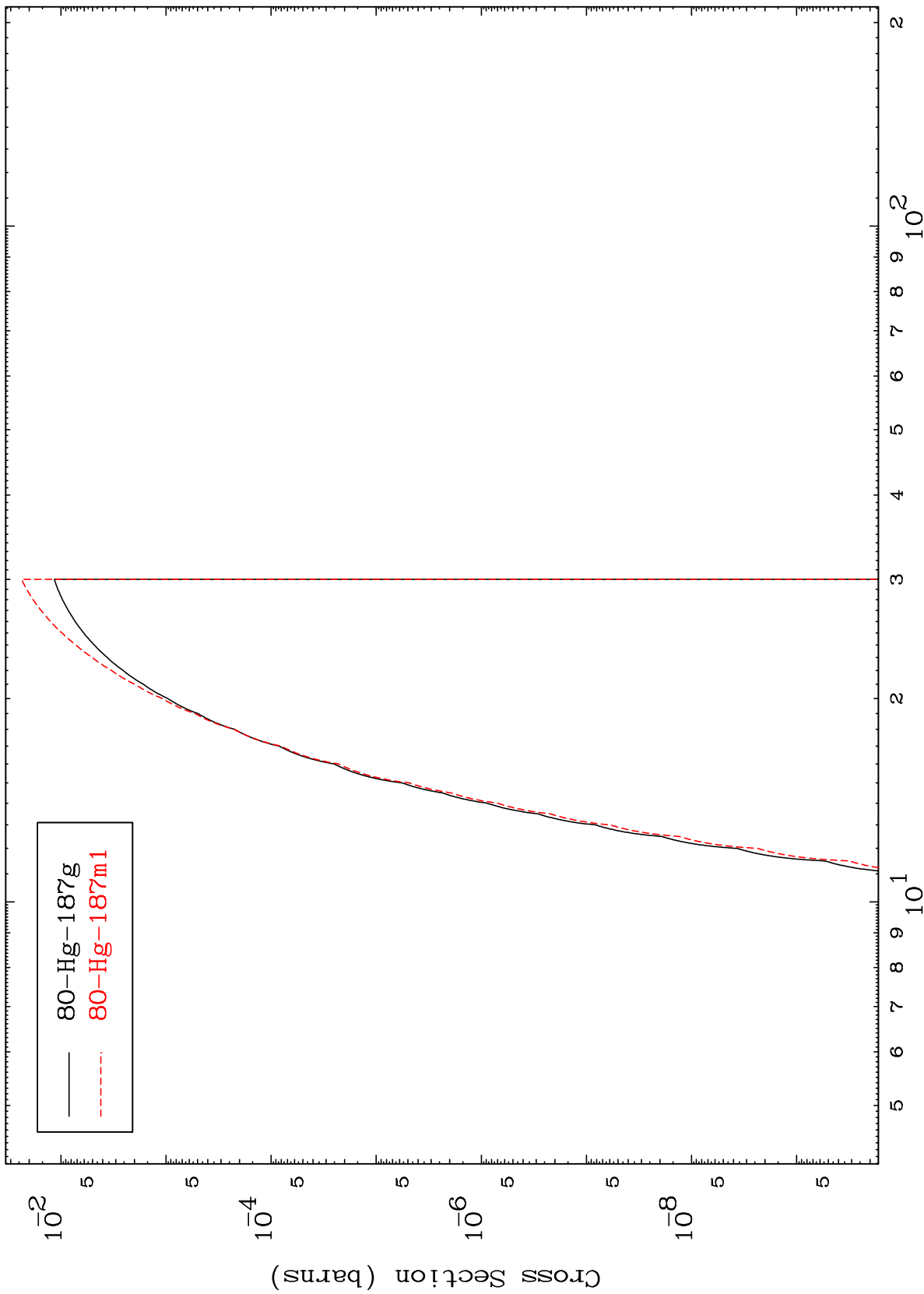


Radionuclide Production Cross Section





Radionuclide Production Cross Section

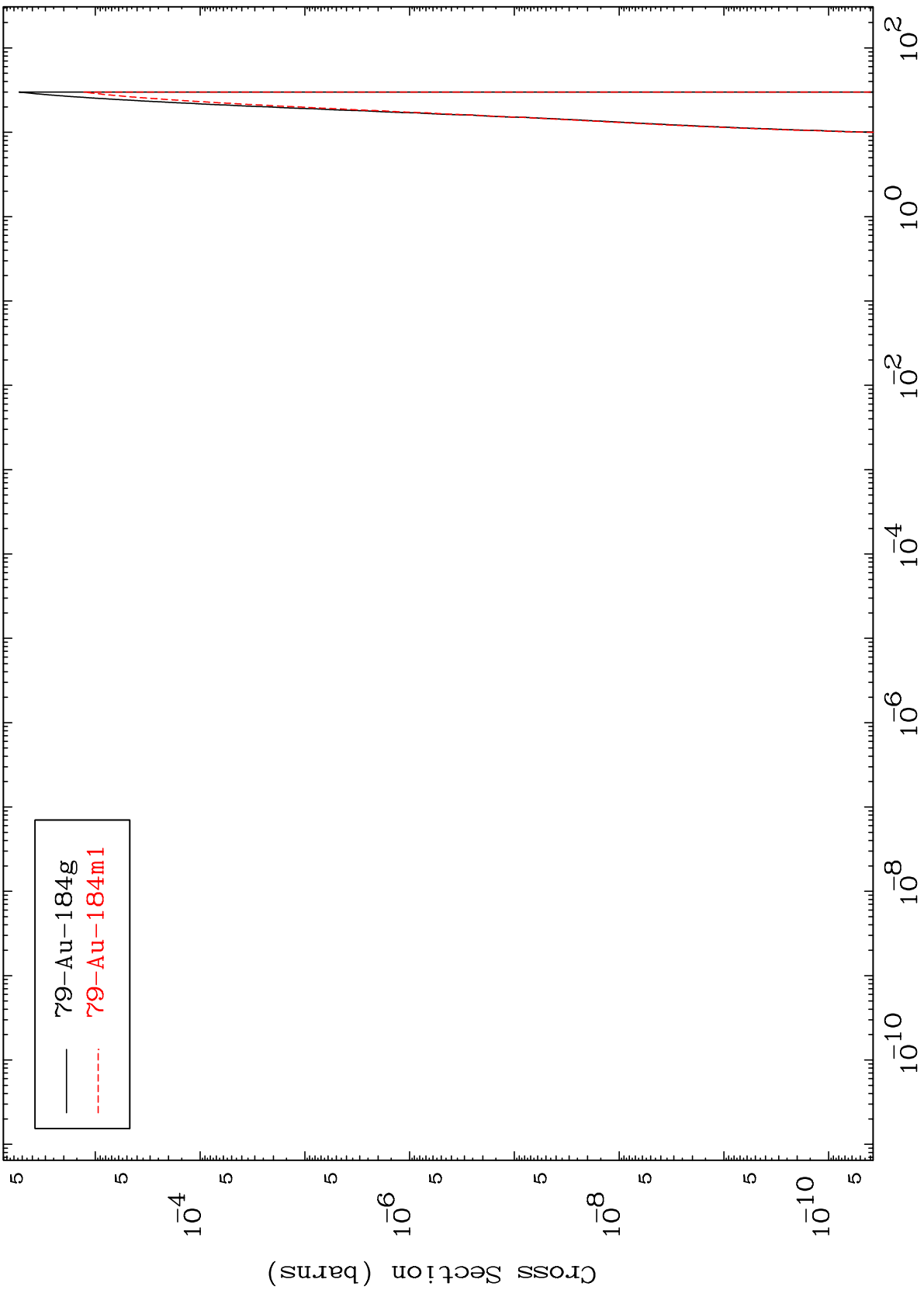


MAT 8180

(n,n') p  $\alpha$

82-Pb-189

Radionuclide Production Cross Section



79-Au-184g  
79-Au-184m1

39

Incident Energy (MeV)

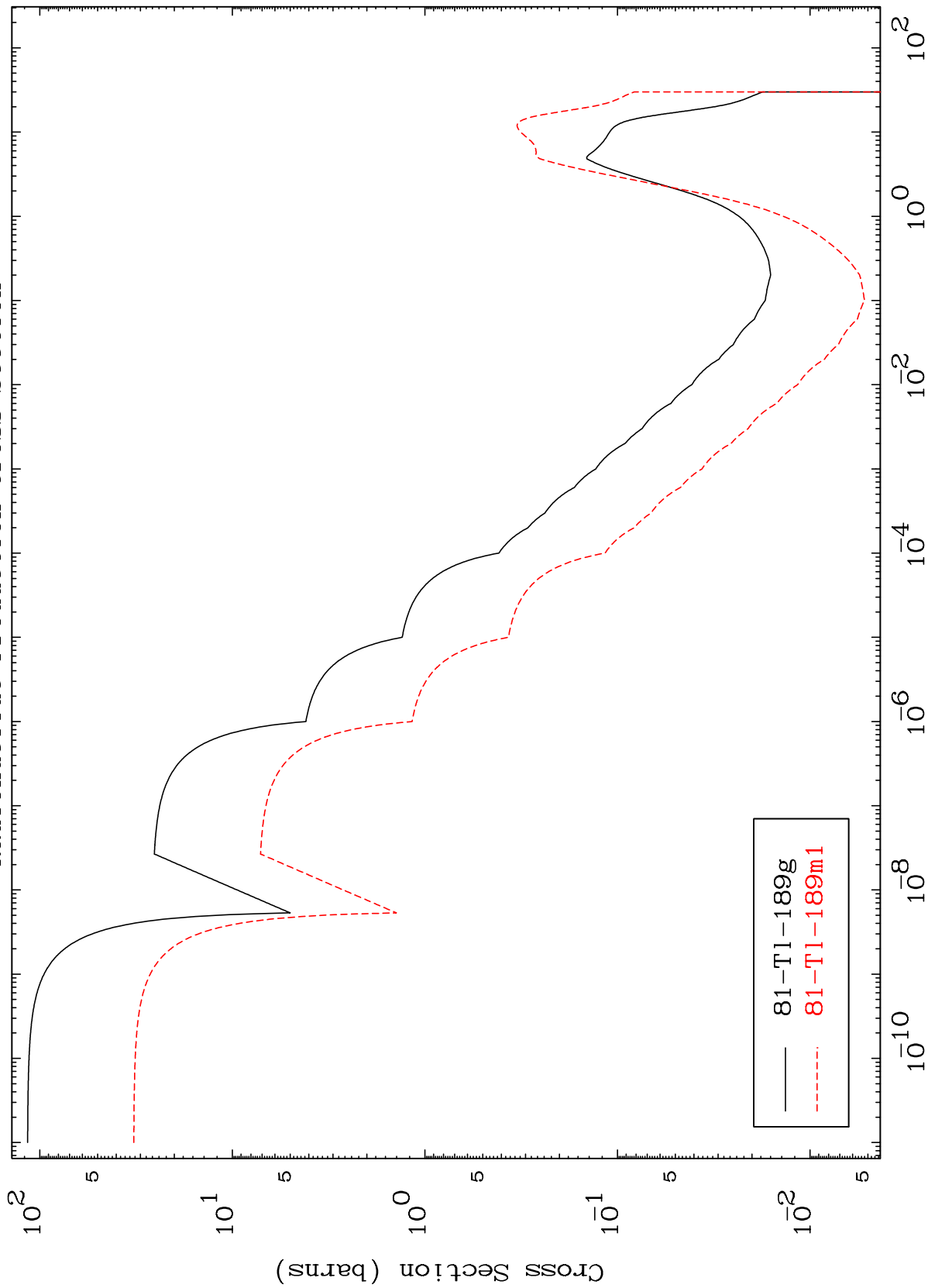
82-Pb-189

MAT 8180

(n,p)

82-Pb-189

Radionuclide Production Cross Section



40

Incident Energy (MeV)

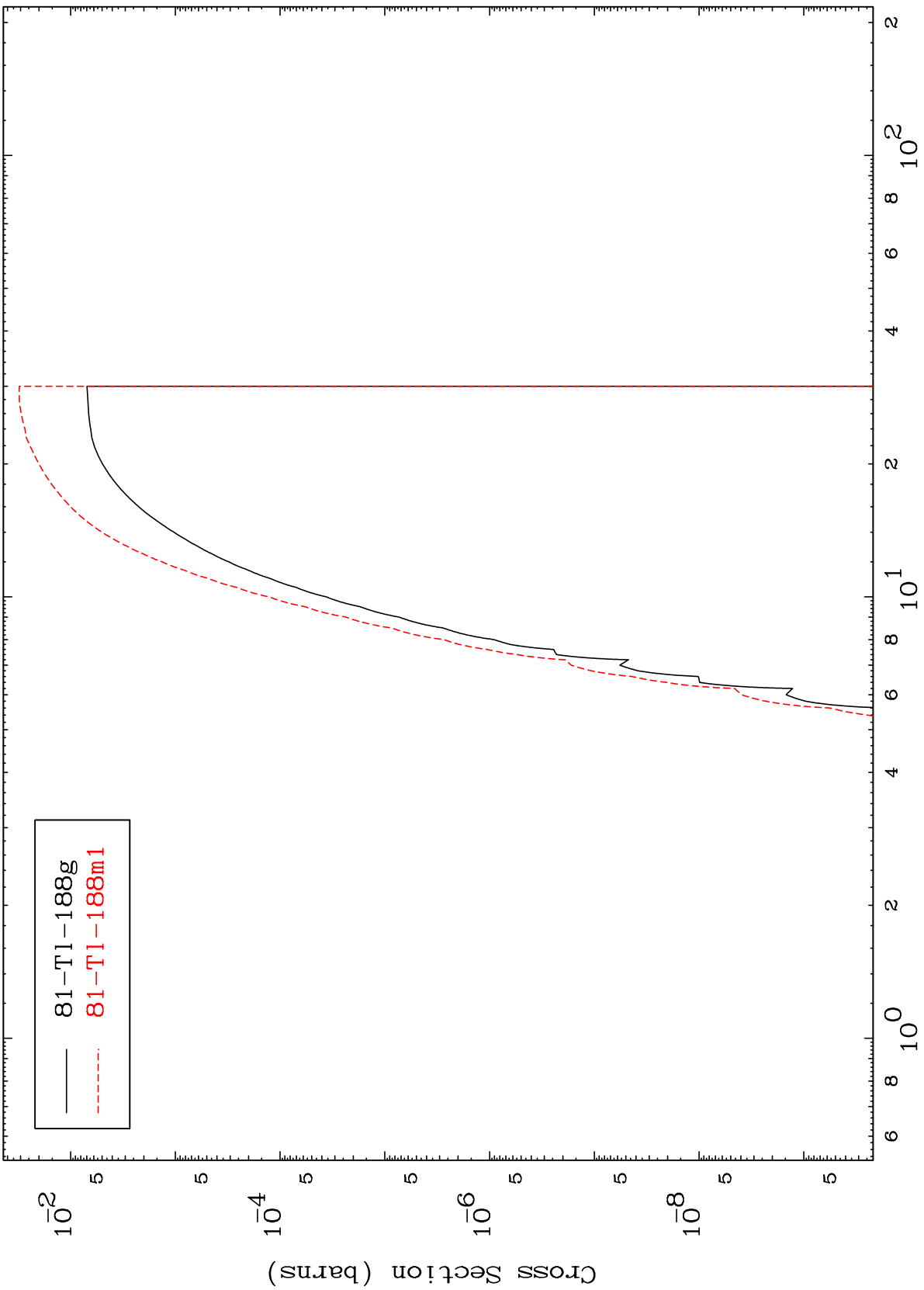
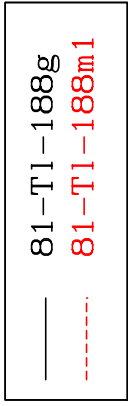
82-Pb-189

MAT 8180

(n,d)

82-Pb-189

Radionuclide Production Cross Section



41

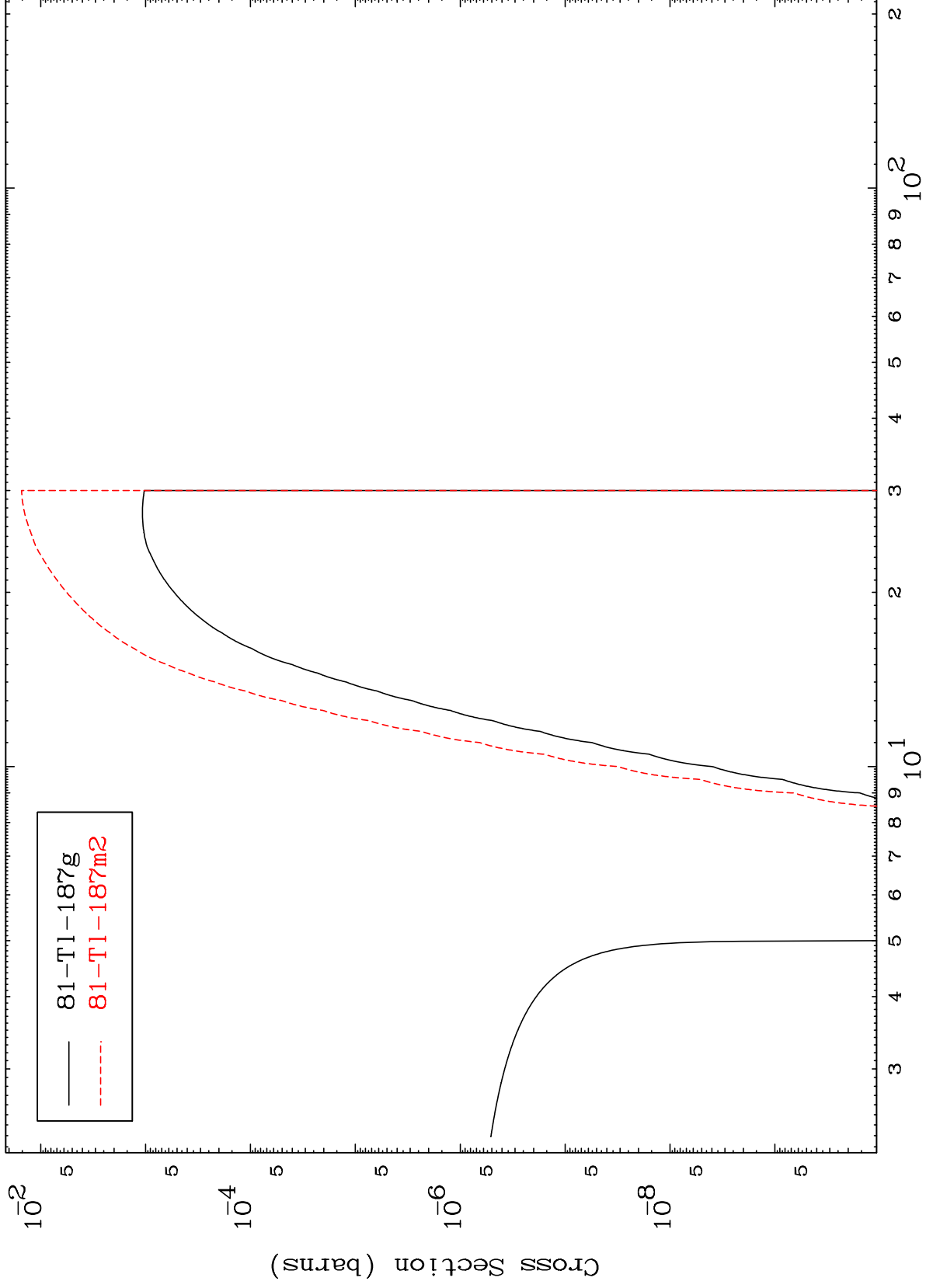
Incident Energy (MeV)

82-Pb-189

MAT 8180

82-Pb-189

Radionuclide Production Cross Section  
(n, t)



82-Pb-189

Incident Energy (MeV)

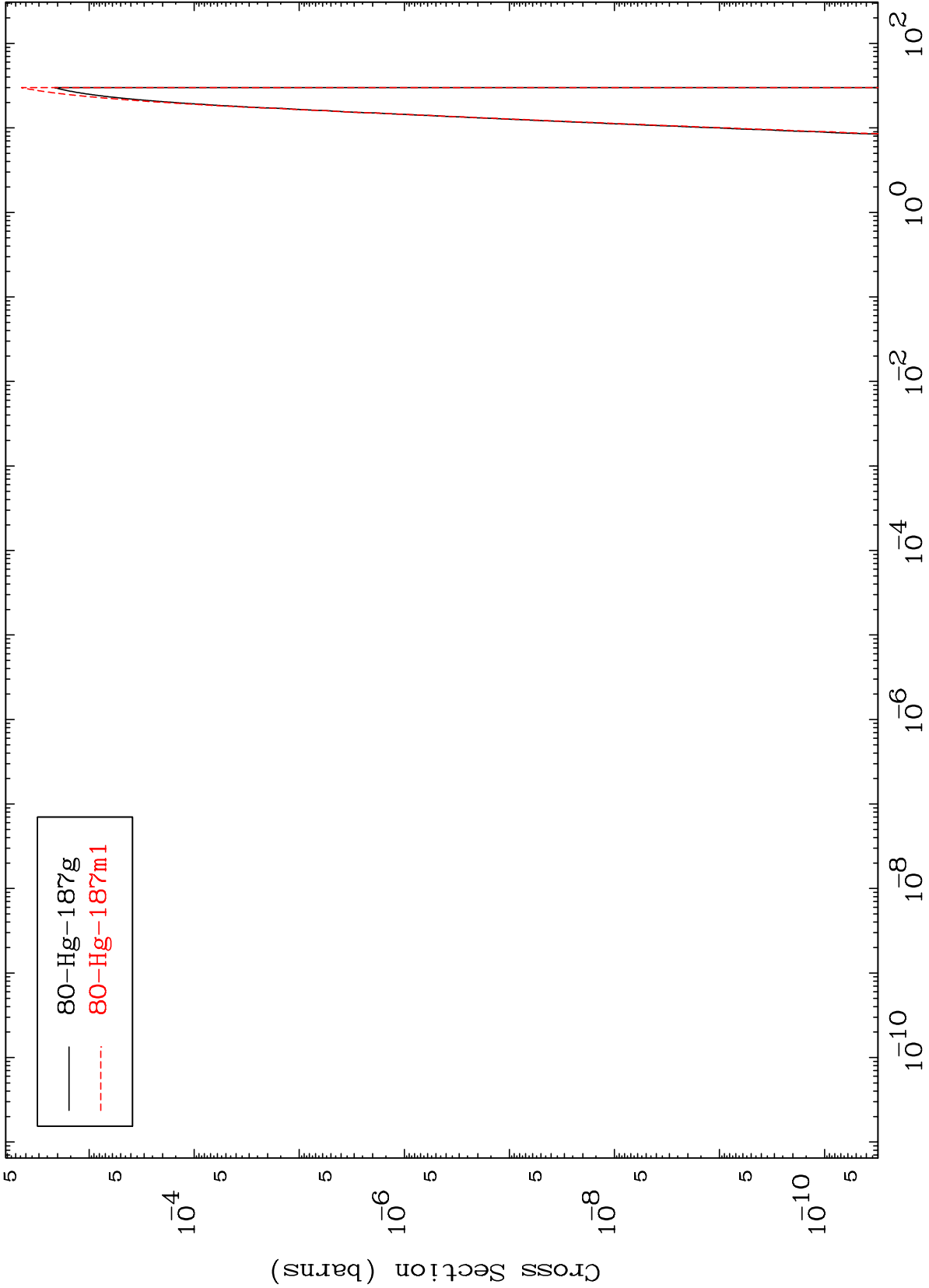
42

MAT 8180

(n,He-3)

82-Pb-189

Radionuclide Production Cross Section

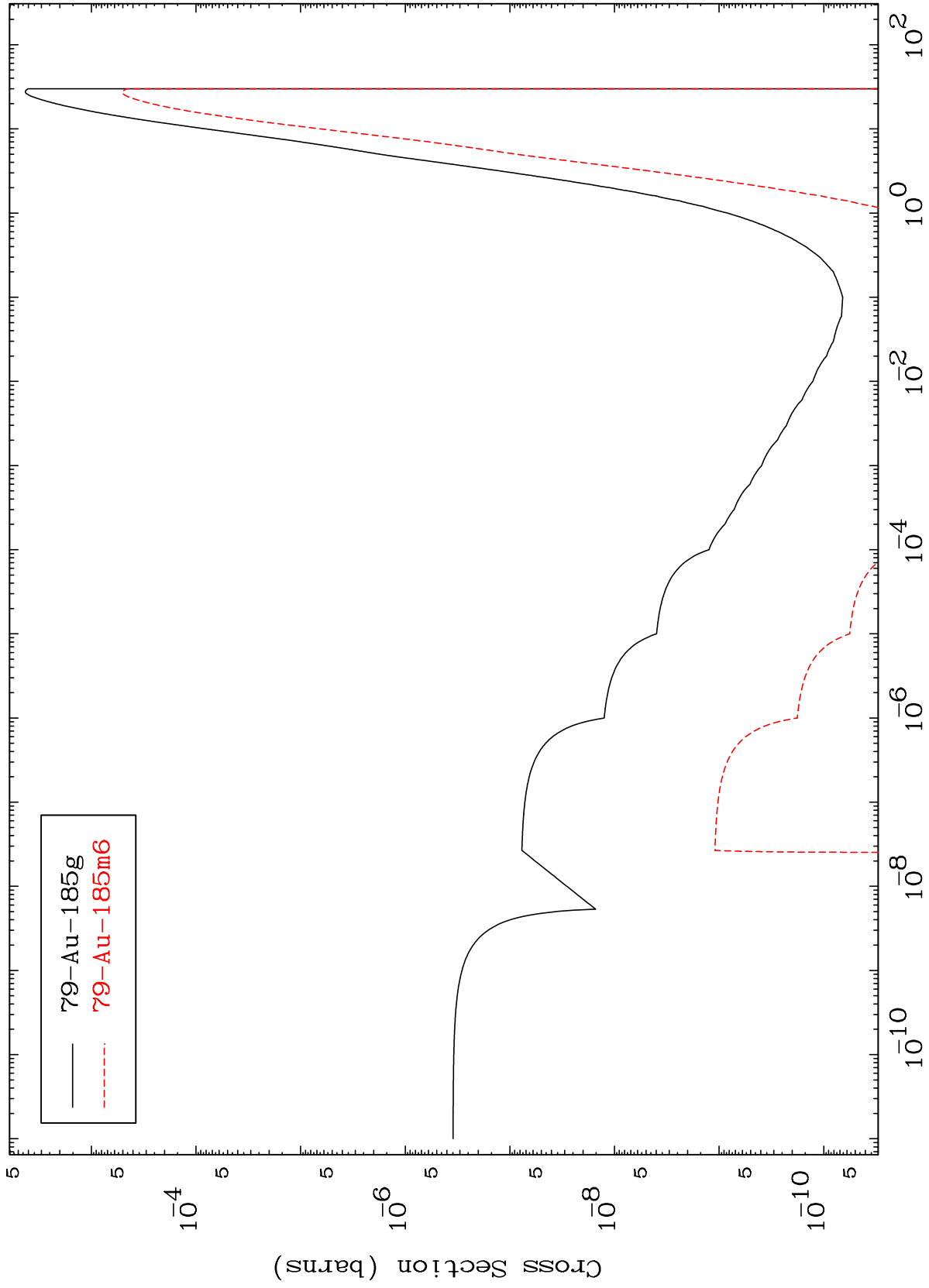


MAT 8180

(n,p)  $\alpha$

82-Pb-189

Radionuclide Production Cross Section

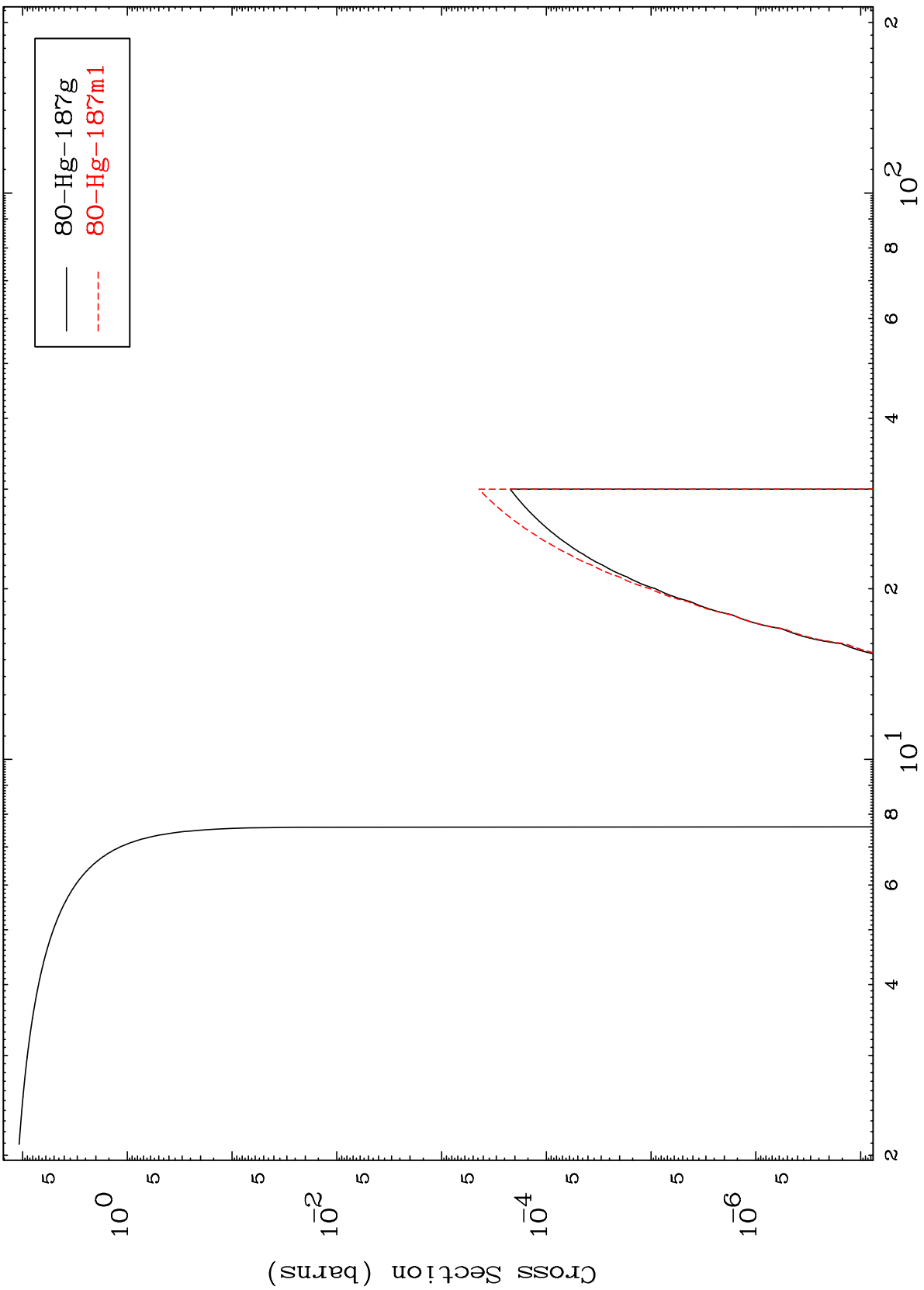


MAT 8180

(n,p) d

82-Pb-189

Radionuclide Production Cross Section



45

Incident Energy (MeV)

82-Pb-189

MAT 8180

(n,d)  $\alpha$

82-Pb-189

Radionuclide Production Cross Section

