

Program EVALPLOT  
(Version 2018-1)

by

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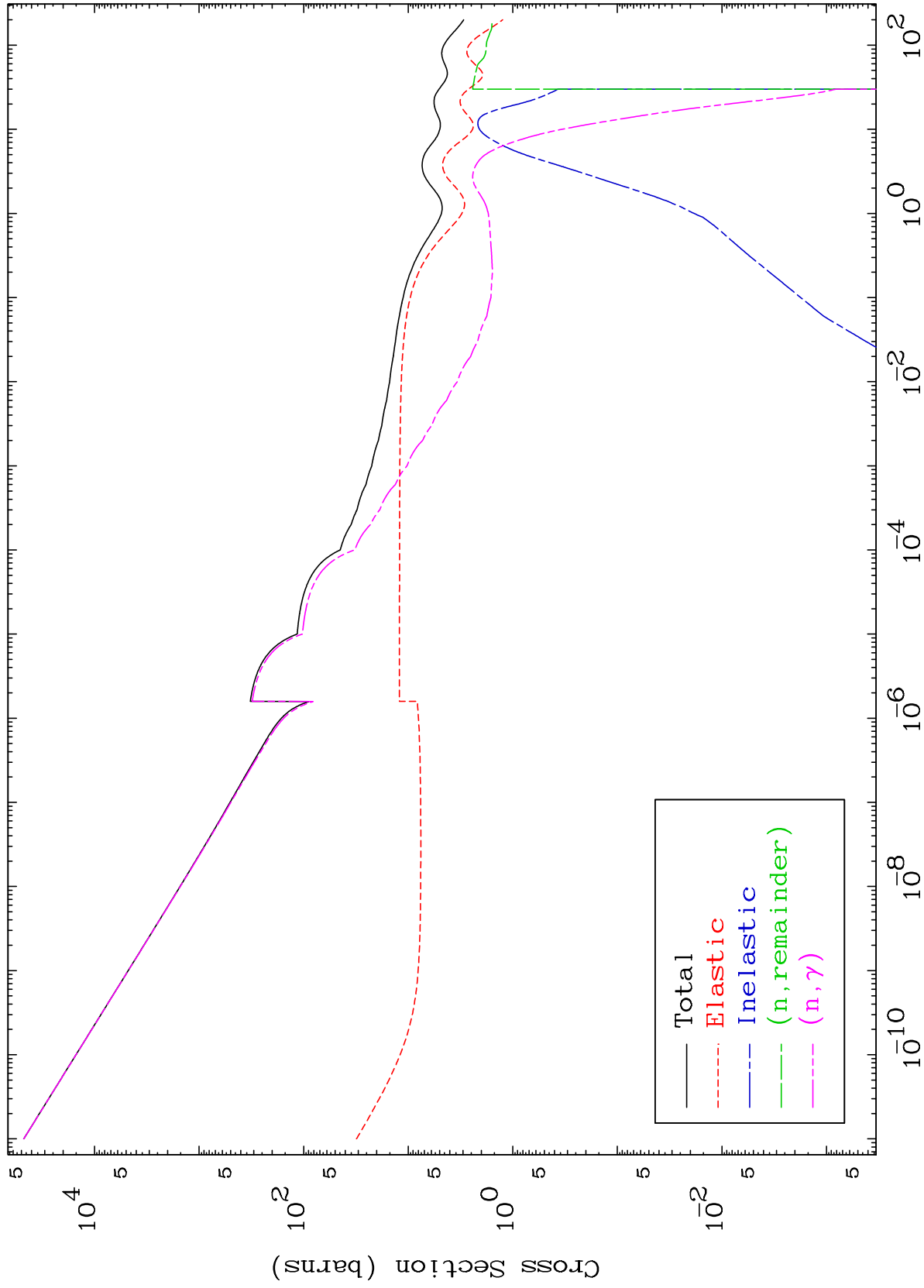
E.Mail:redcullen1@comcast.net  
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8518

Major  
293 Kelvin Cross Sections

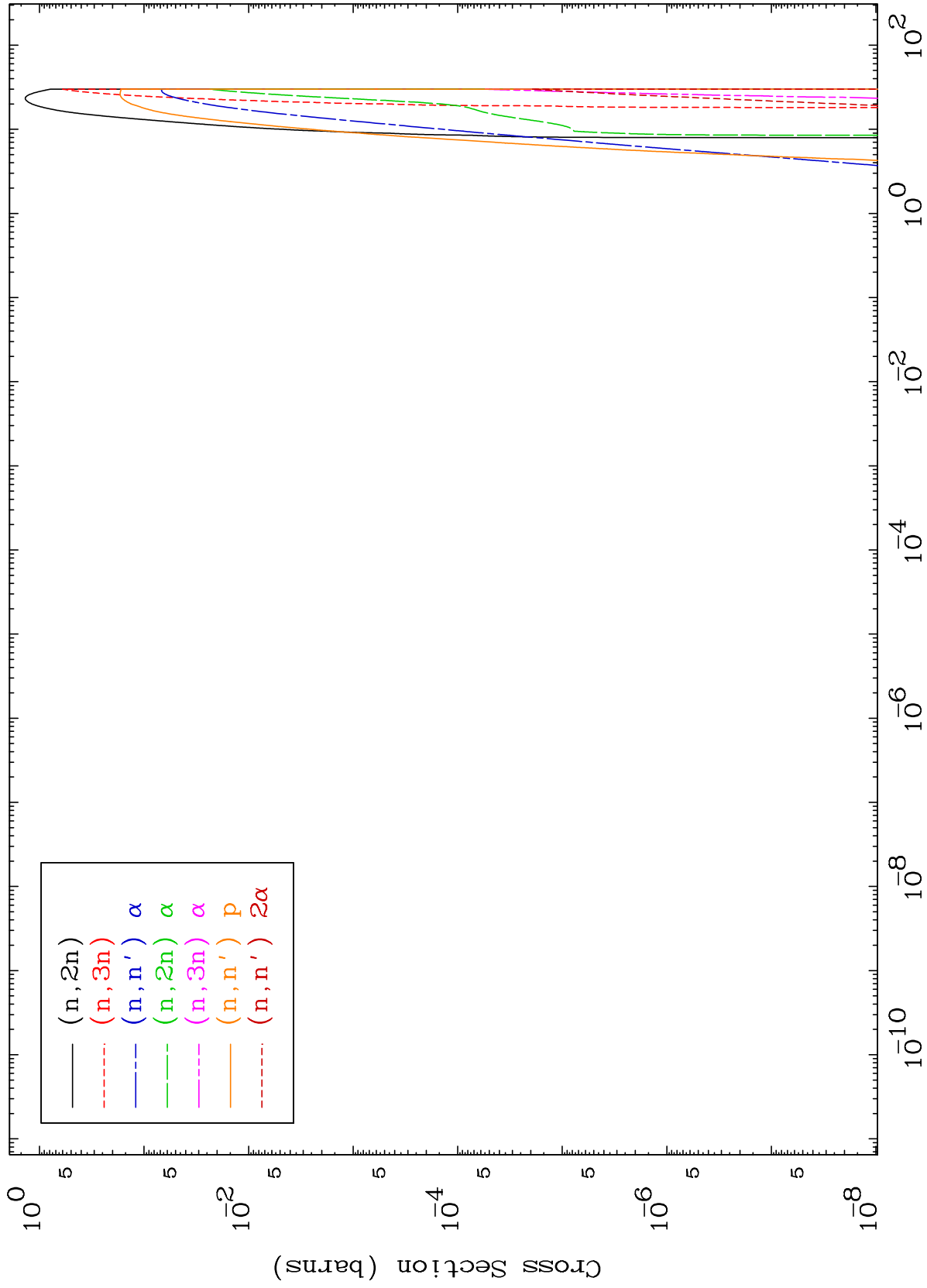
85-At-200



MAT 8518

Neutron Production  
293 Kelvin Cross Sections

85-At-200



2

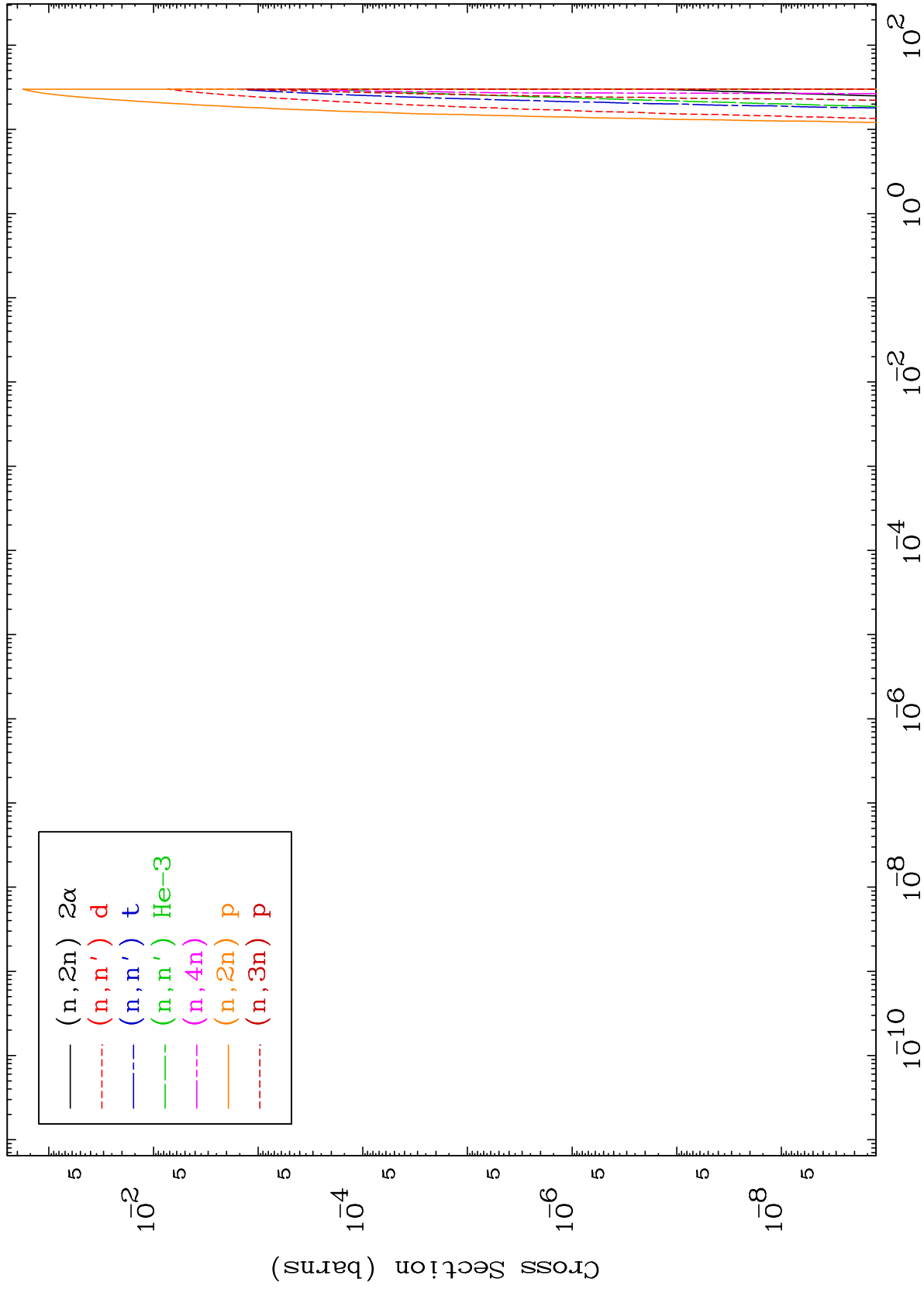
Incident Energy (MeV)

85-At-200

MAT 8518

Neutron Production  
293 Kelvin Cross Sections

85-At-200

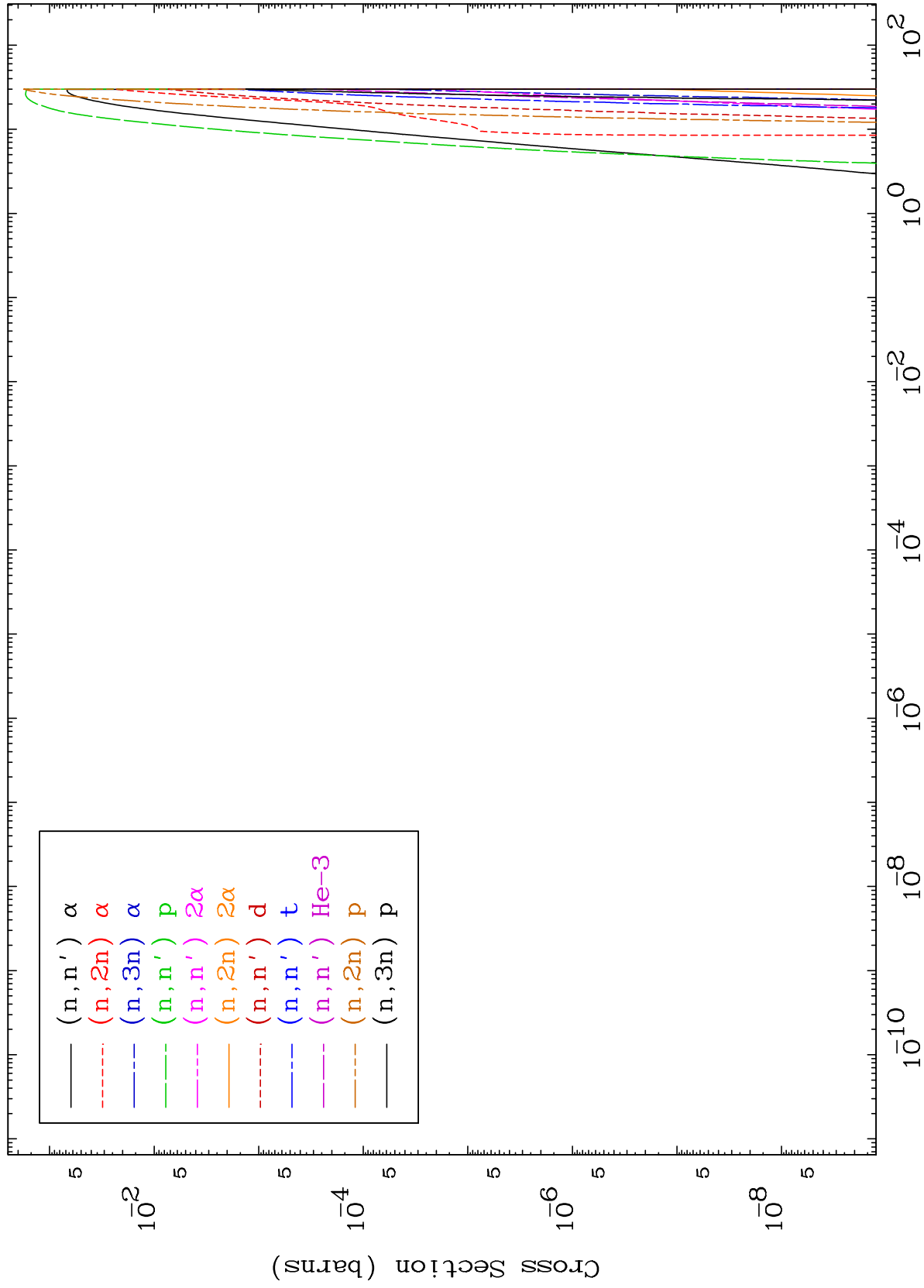


85-At-200

MAT 8518

Charged Particle  
293 Kelvin Cross Sections

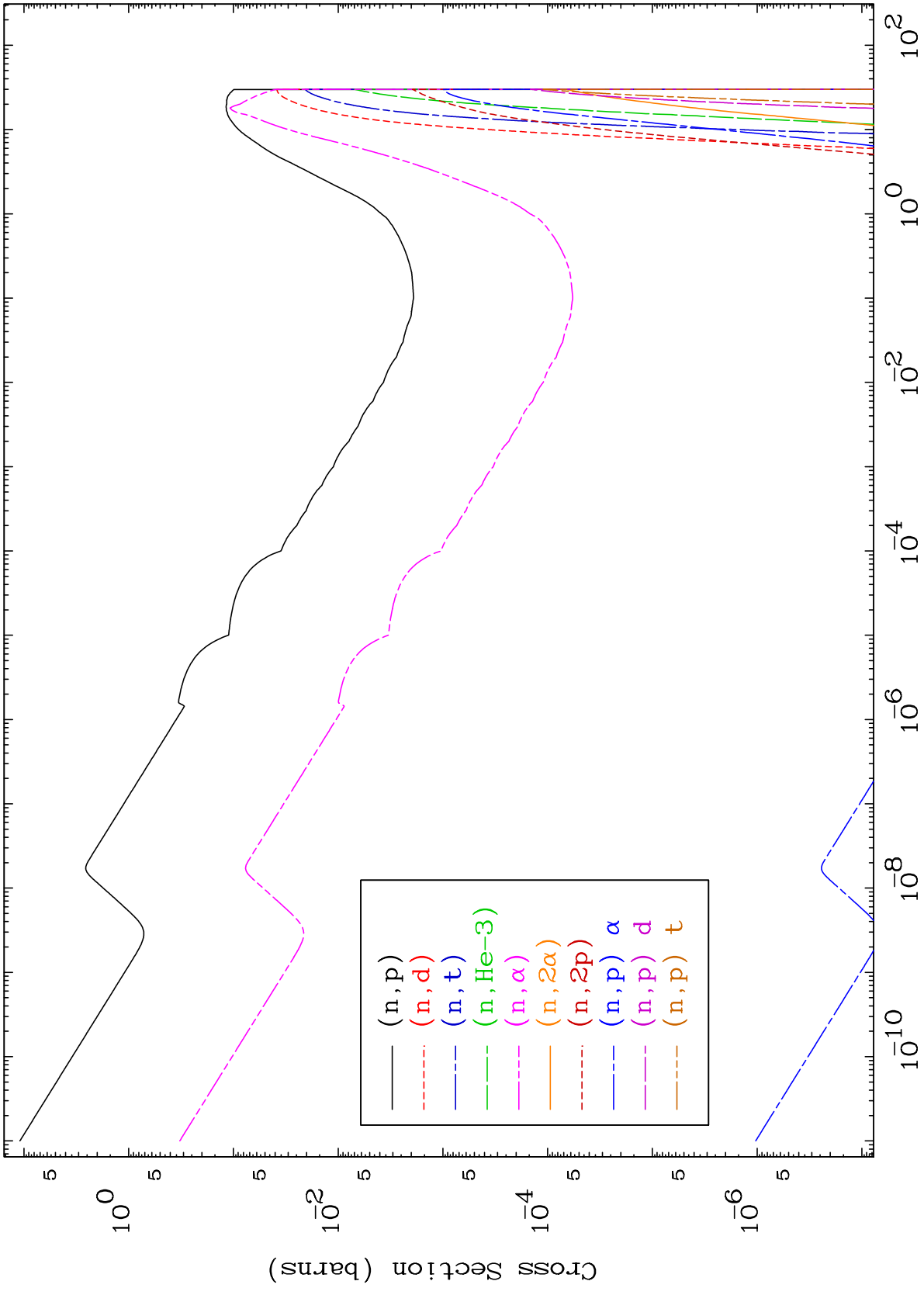
85-At-200



MAT 8518

Charged Particle  
293 Kelvin Cross Sections

85-At-200



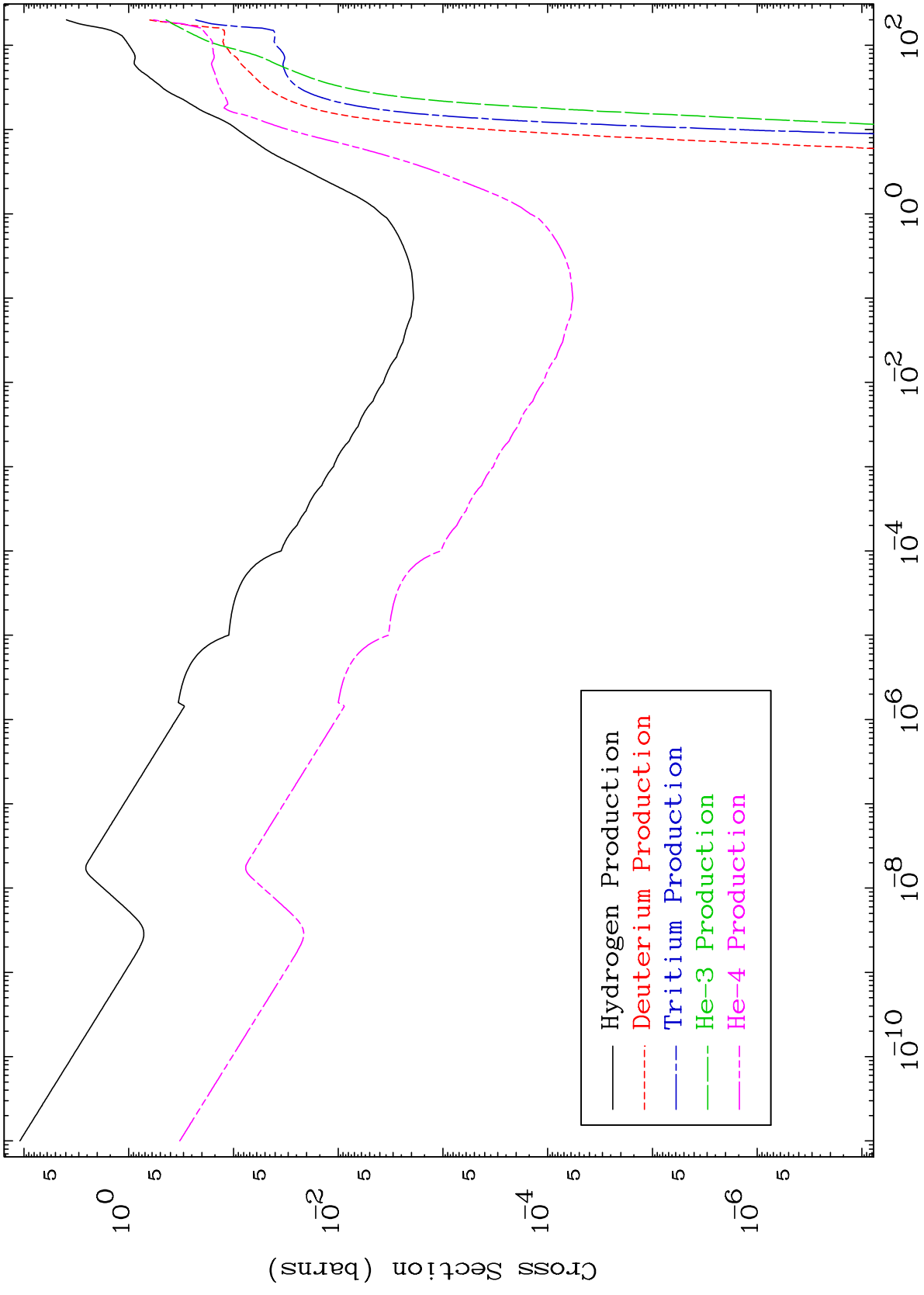
5

85-At-200

MAT 8518

Particle Production  
293 Kelvin Cross Sections

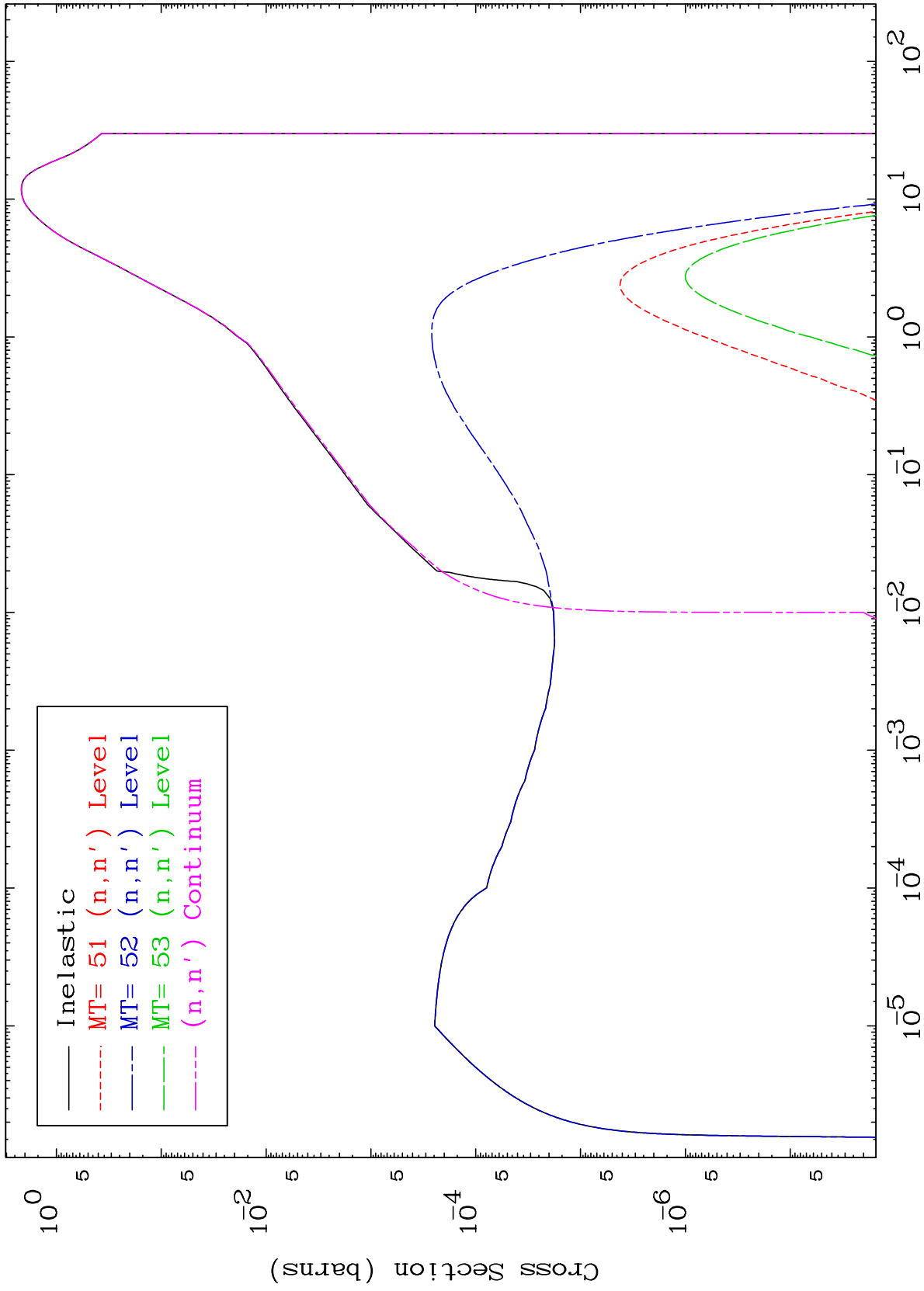
85-At-200



MAT 8518

(n,n') Level  
293 Kelvin Cross Sections

85-At-200

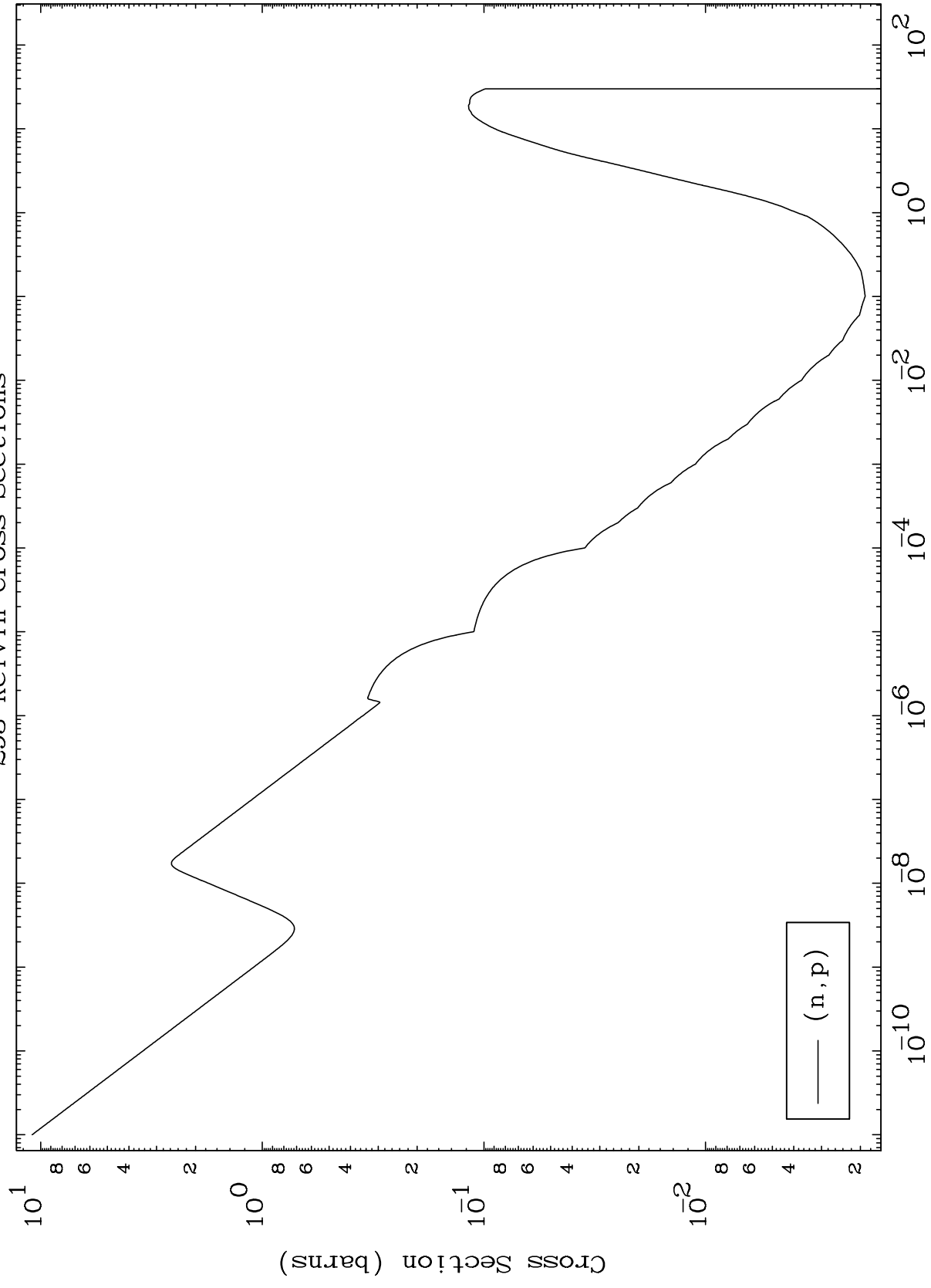




MAT 8518

(n,p) Levels  
293 Kelvin Cross Sections

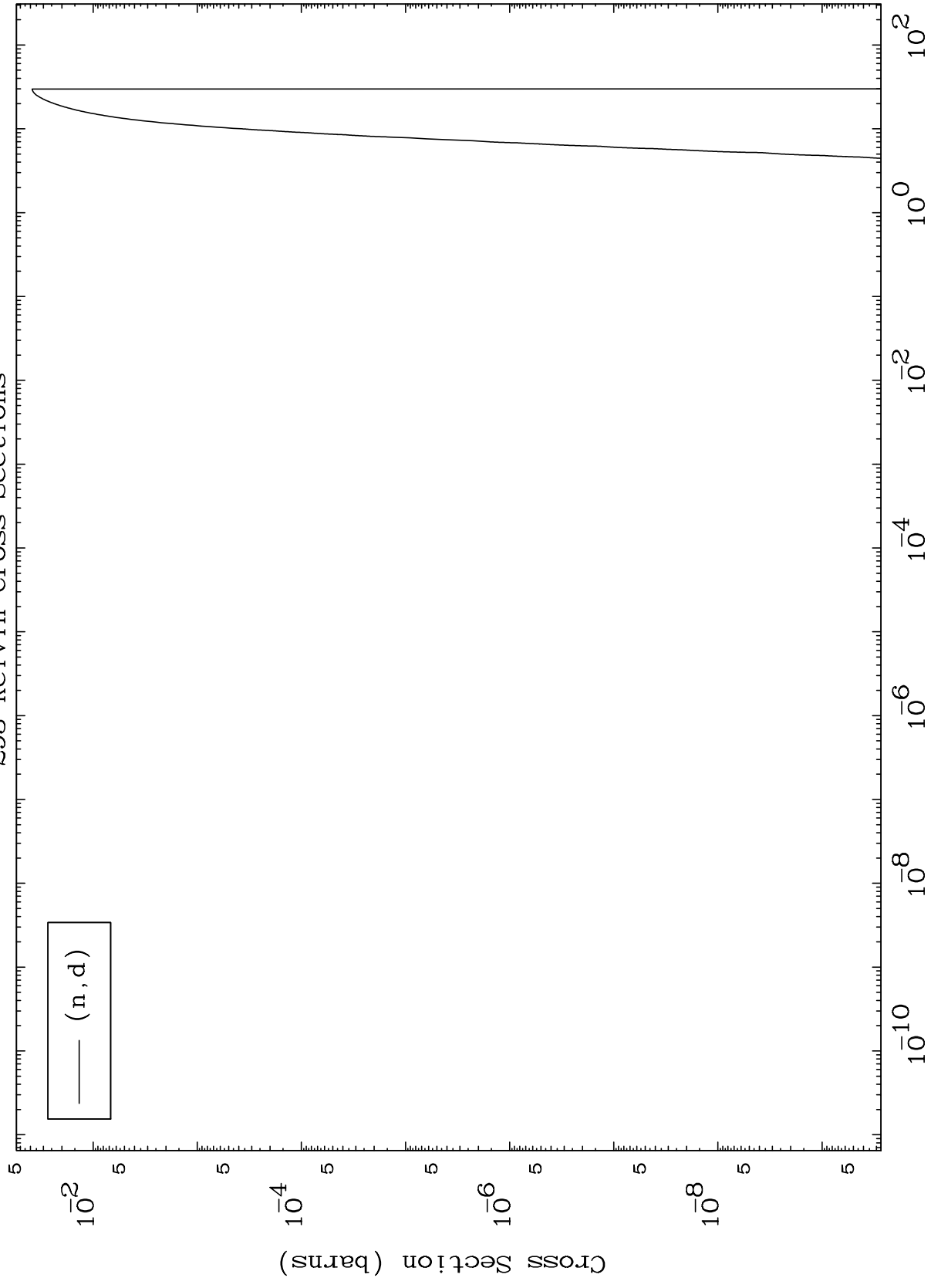
85-At-200



MAT 8518

(n,d) Levels  
293 Kelvin Cross Sections

85-At-200



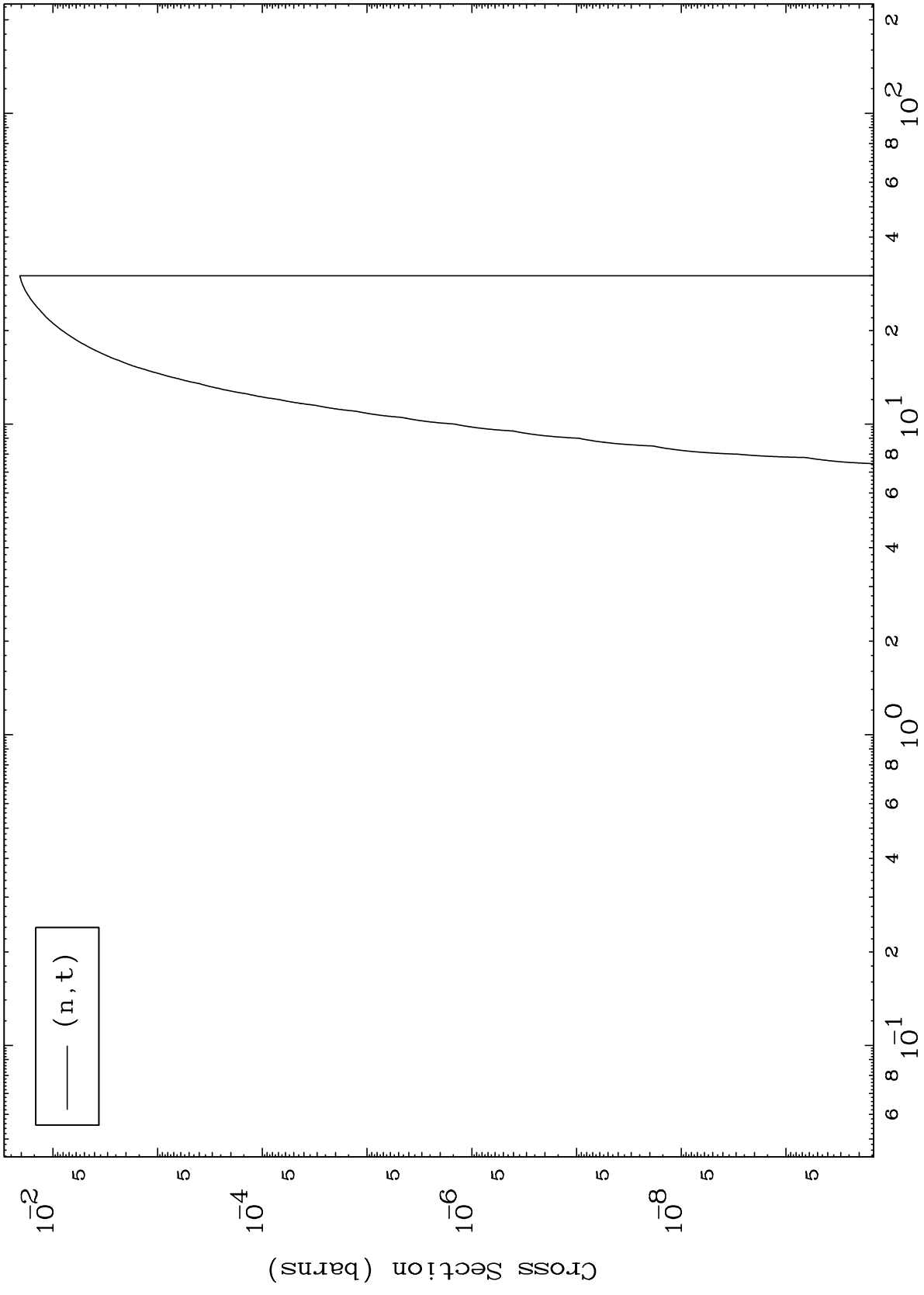
85-At-200

Incident Energy (MeV)

MAT 8518

(n,t) Levels  
293 Kelvin Cross Sections

85-At-200



10

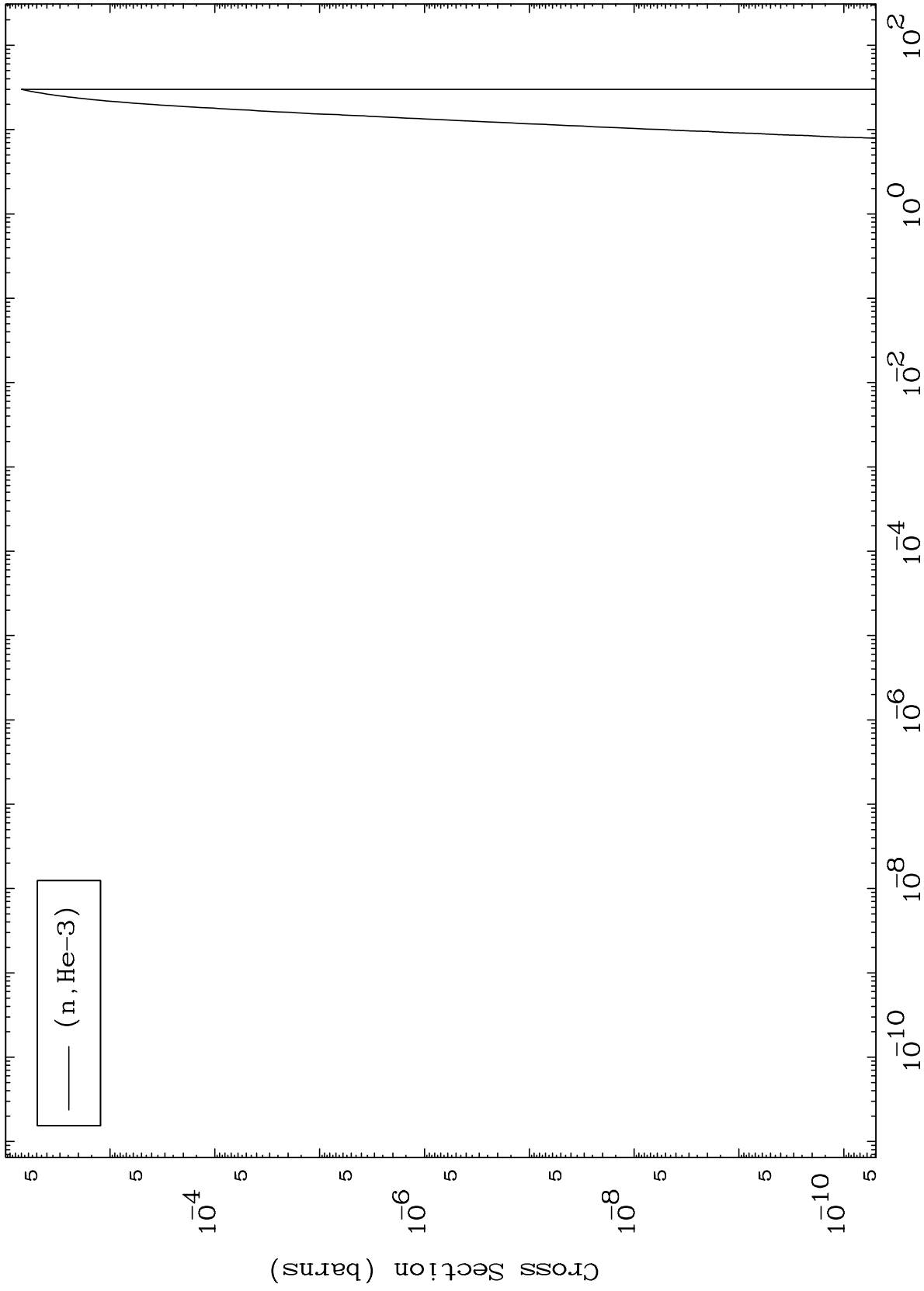
Incident Energy (MeV)

85-At-200

MAT 8518

(n,He3) Levels  
293 Kelvin Cross Sections

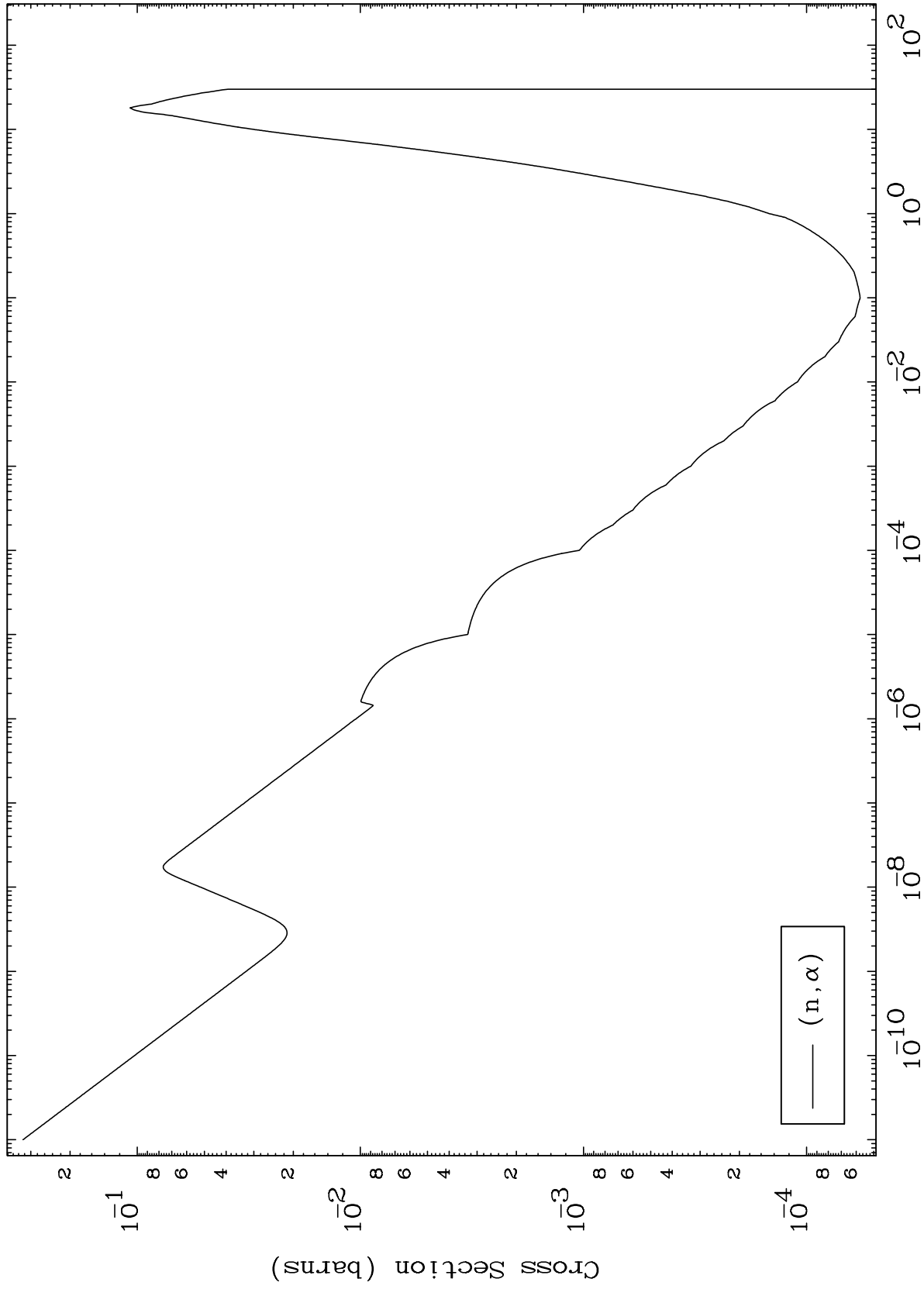
85-At-200



MAT 8518

(n,α) Levels  
293 Kelvin Cross Sections

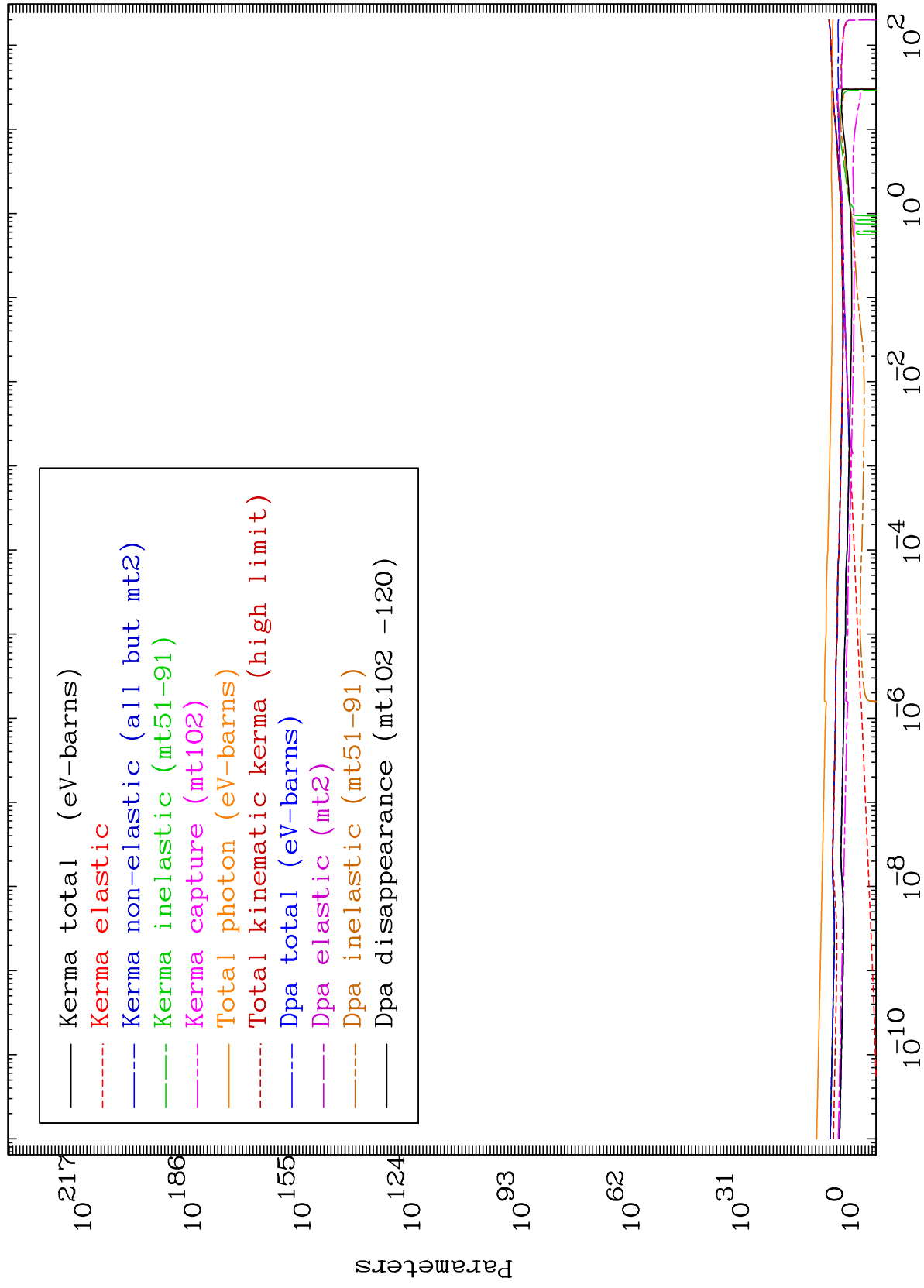
85-At-200

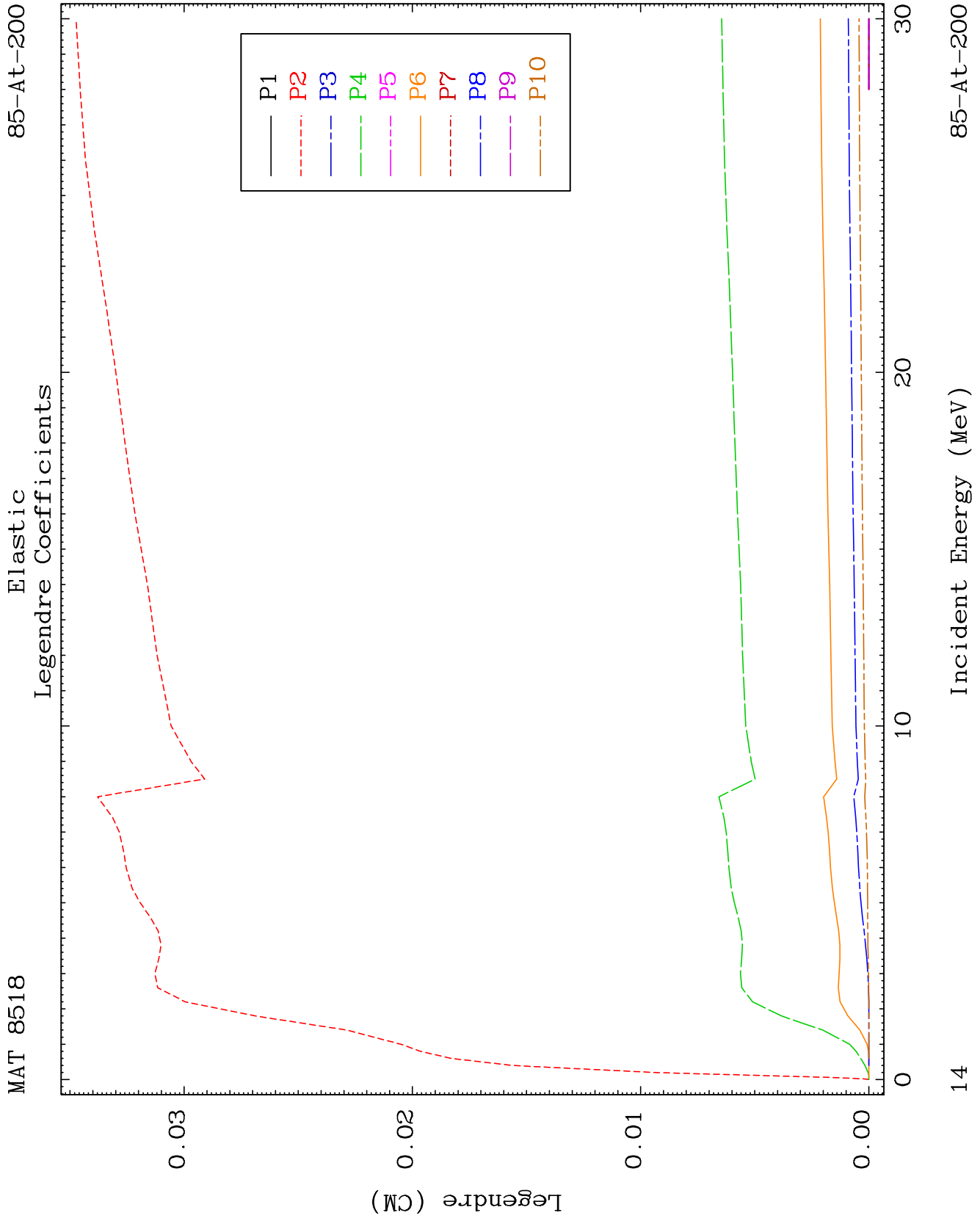


12

Incident Energy (MeV)

85-At-200

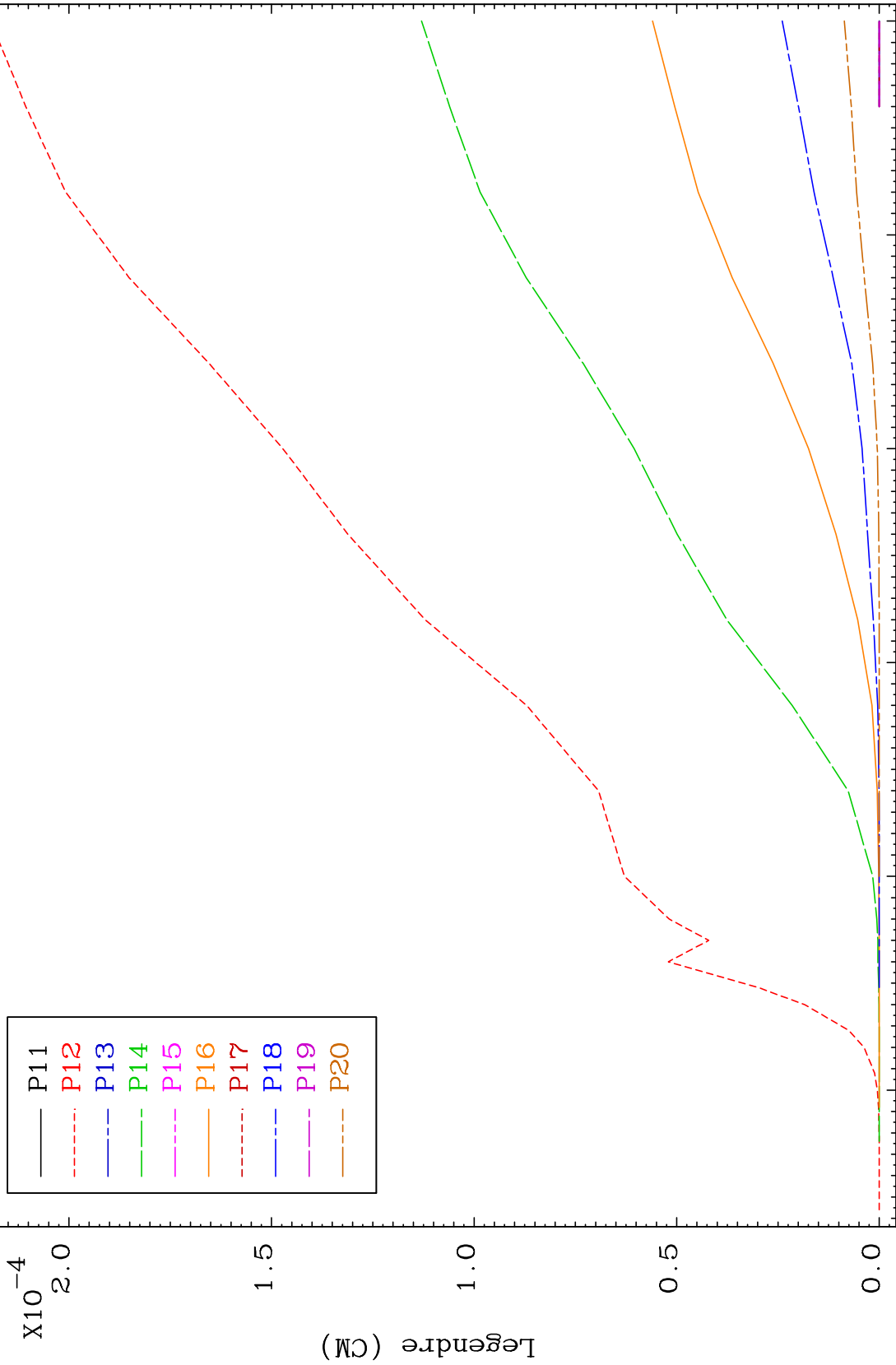
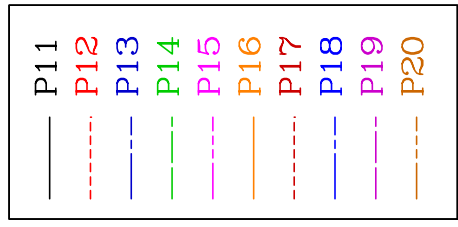




MAT 8518

Elastic Legendre Coefficients

85-At-200



15

Incident Energy (MeV)

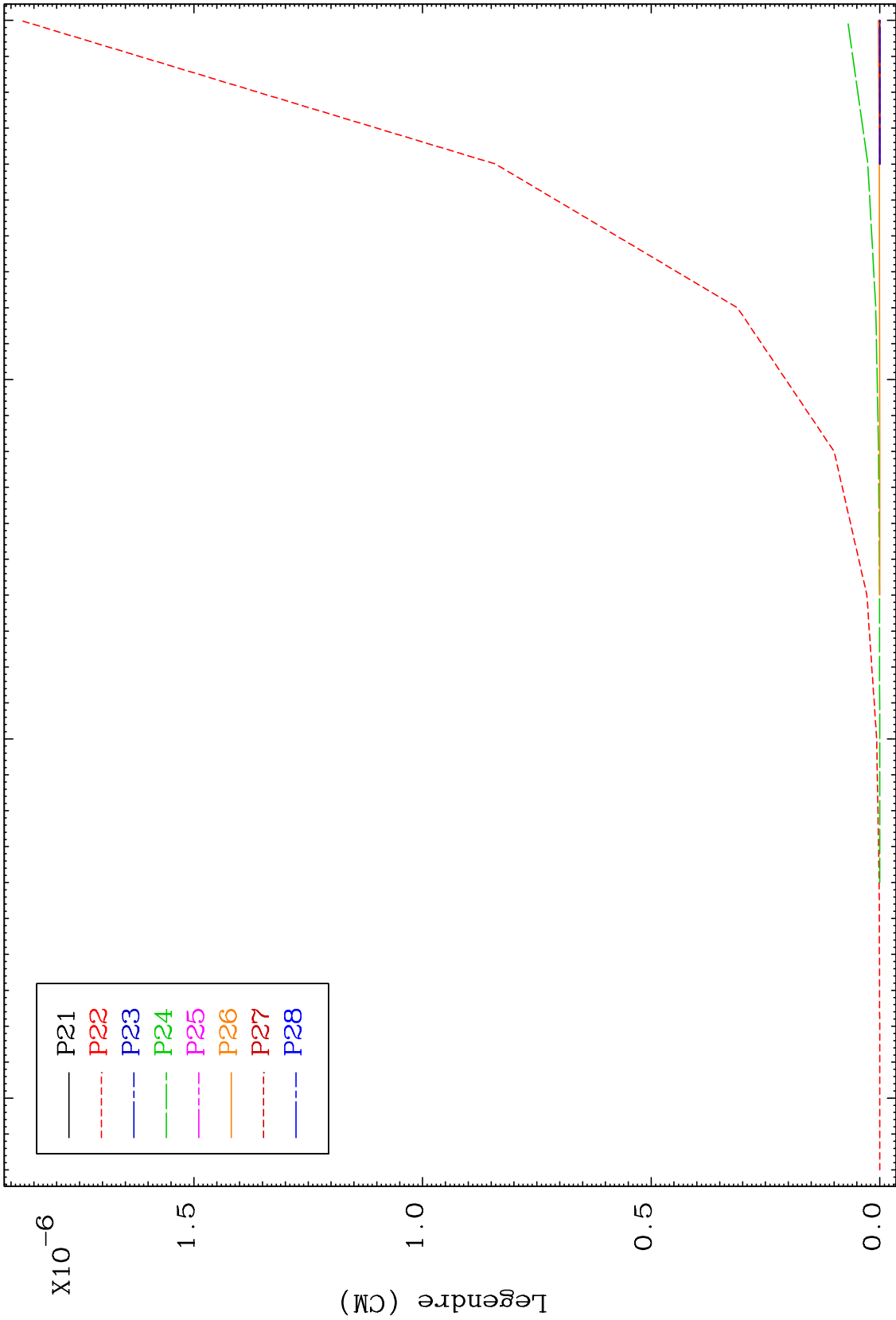
85-At-200



MAT 8518

Elastic Legendre Coefficients

85-At-200



16

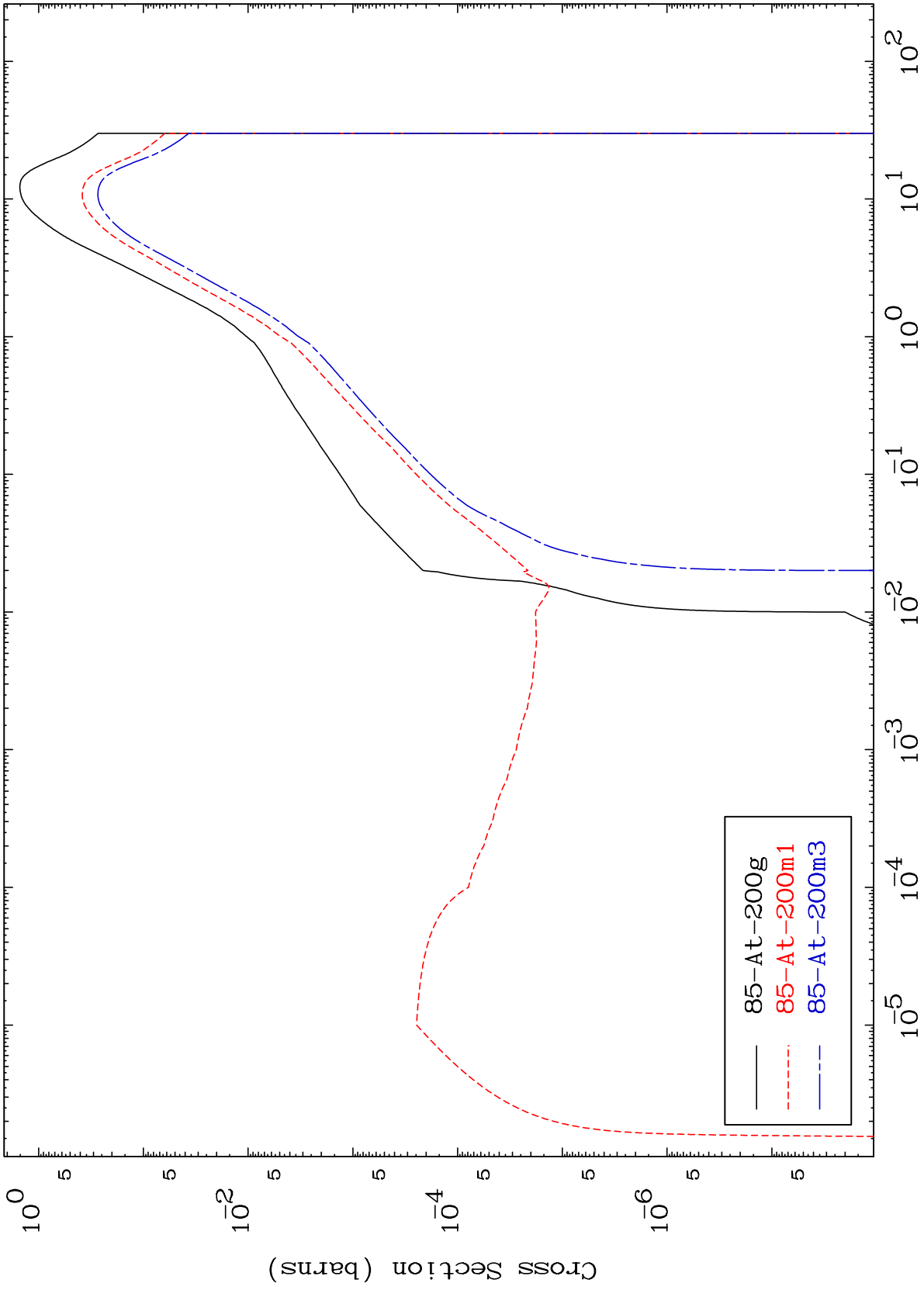
Incident Energy (MeV)

85-At-200

MAT 8518

Inelastic  
Radionuclide Production Cross Section

85-At-200

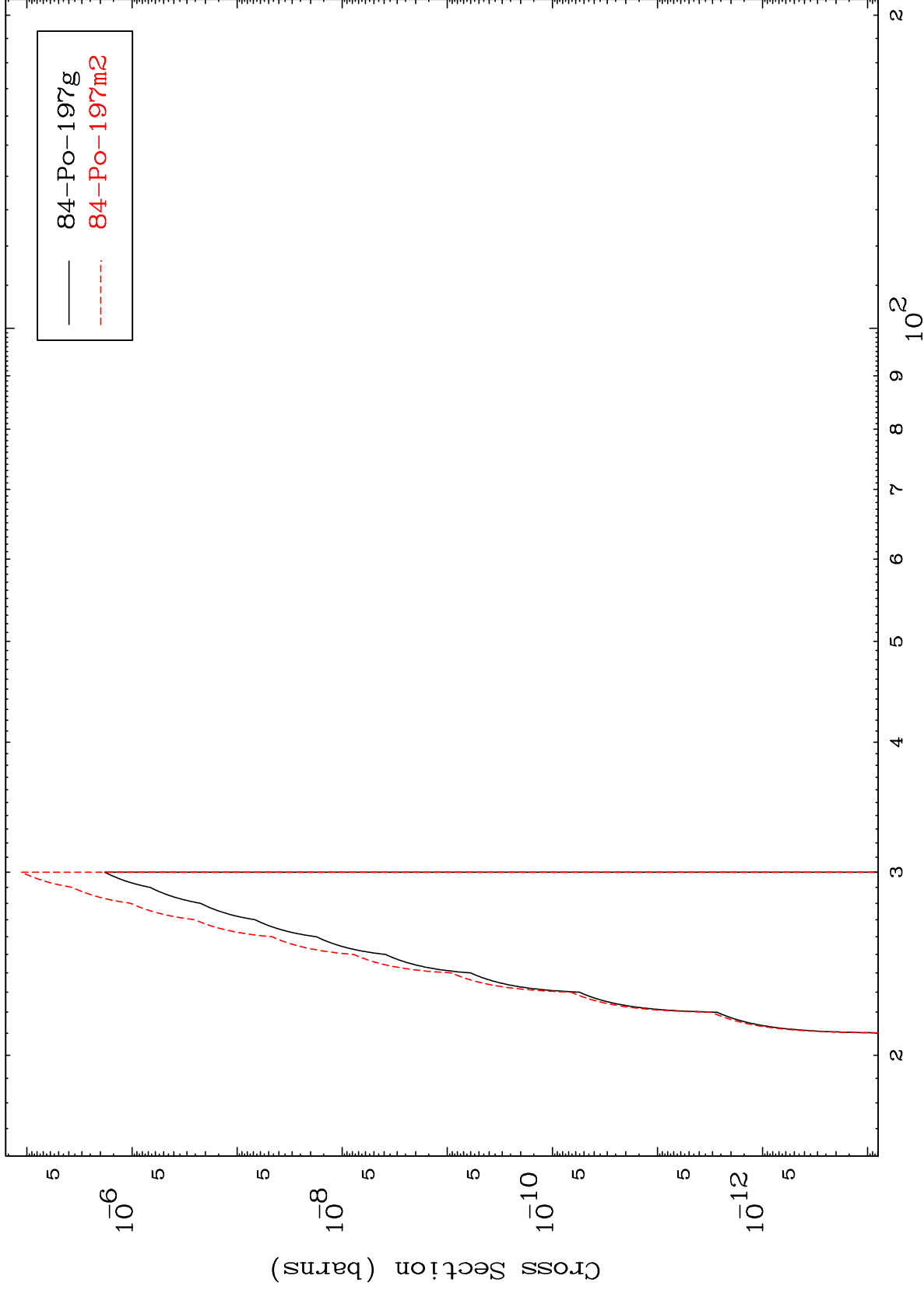


MAT 8518

(n,2n) d

85-At-200

Radionuclide Production Cross Section



18

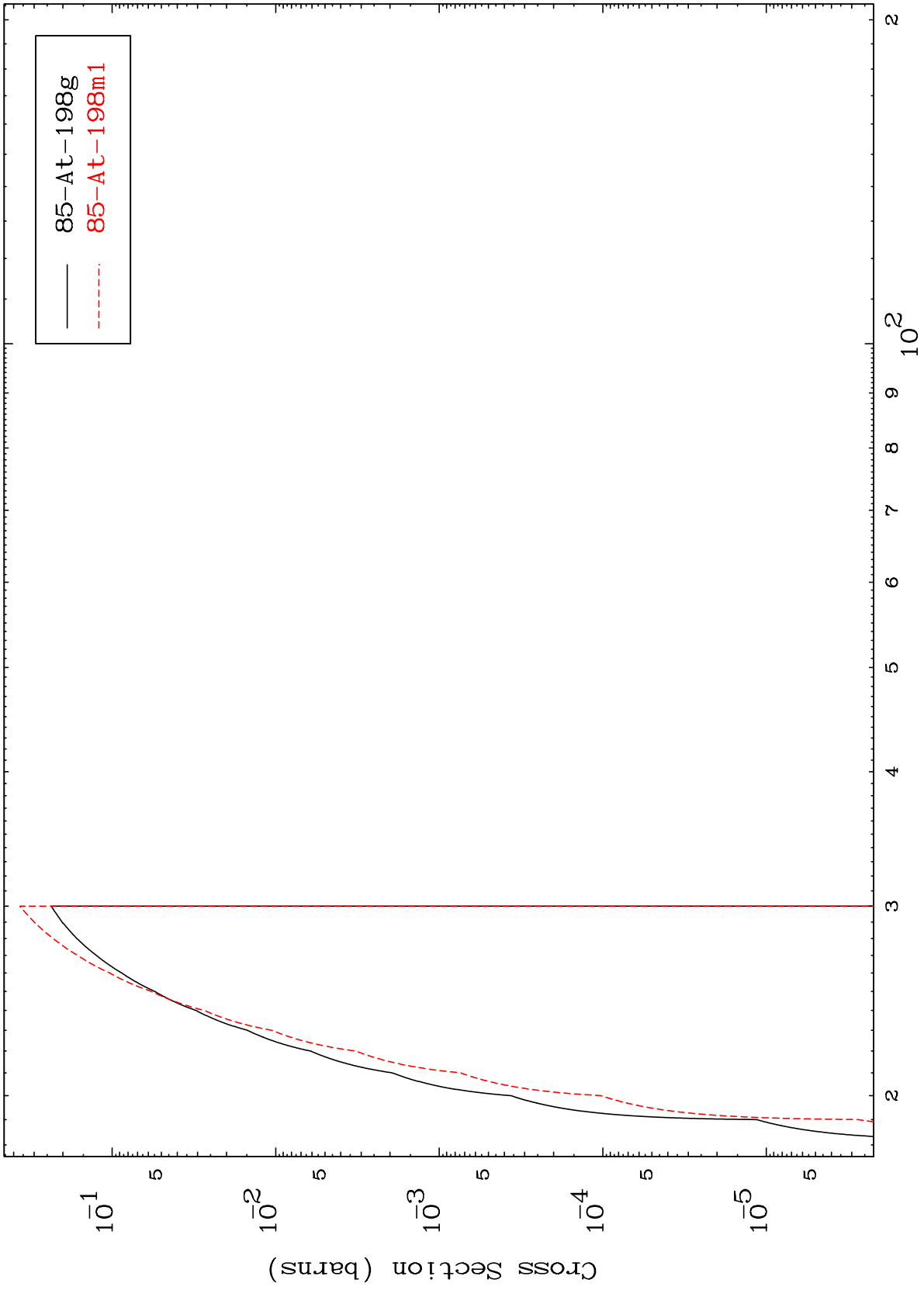
Incident Energy (MeV)

85-At-200

MAT 8518

85-At-200

(n,3n)  
Radionuclide Production Cross Section



19

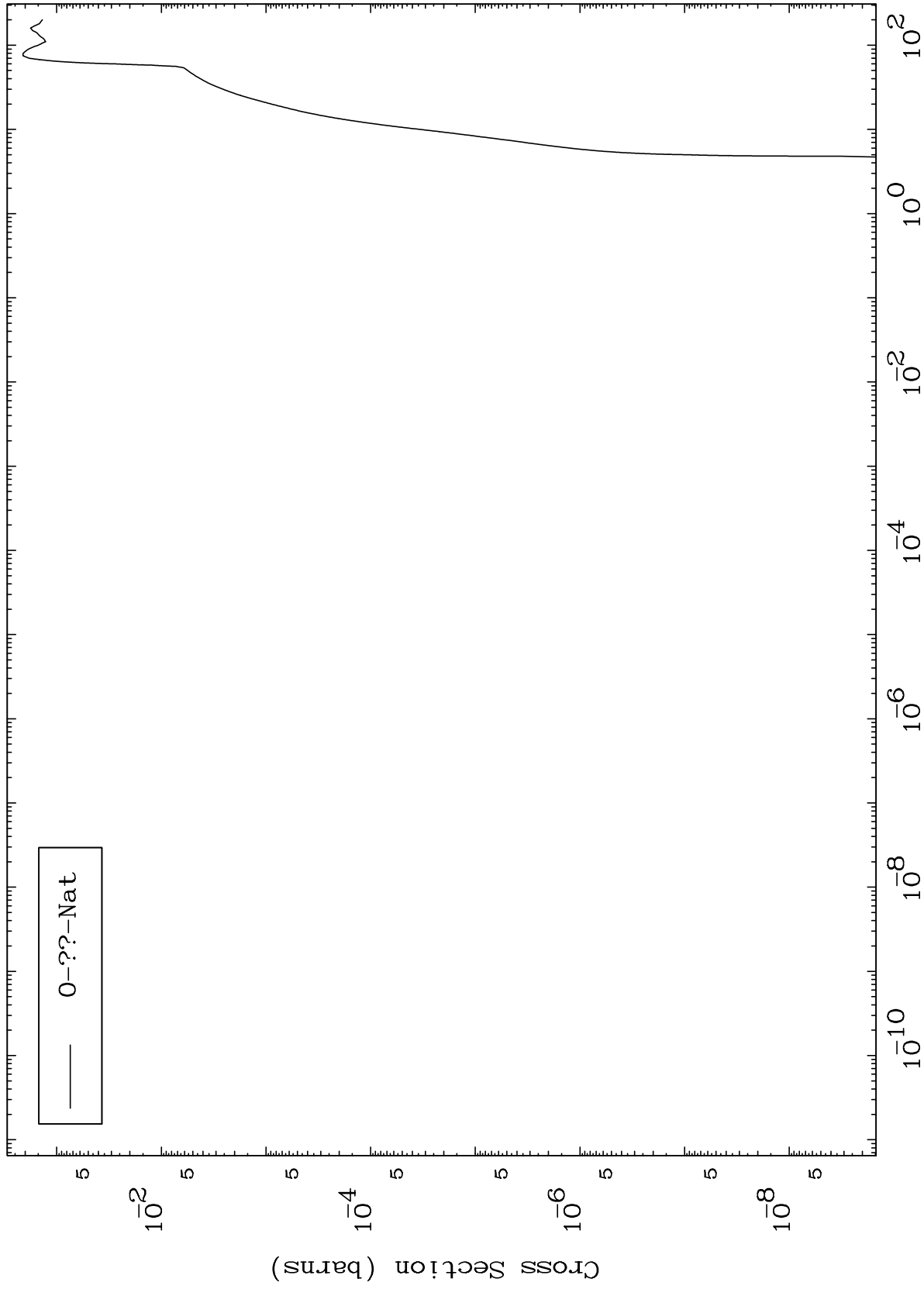
Incident Energy (MeV)

85-At-200

MAT 8518

Fission  
Radionuclide Production Cross Section

85-At-200



0-?-?-Nat

20

Incident Energy (MeV)

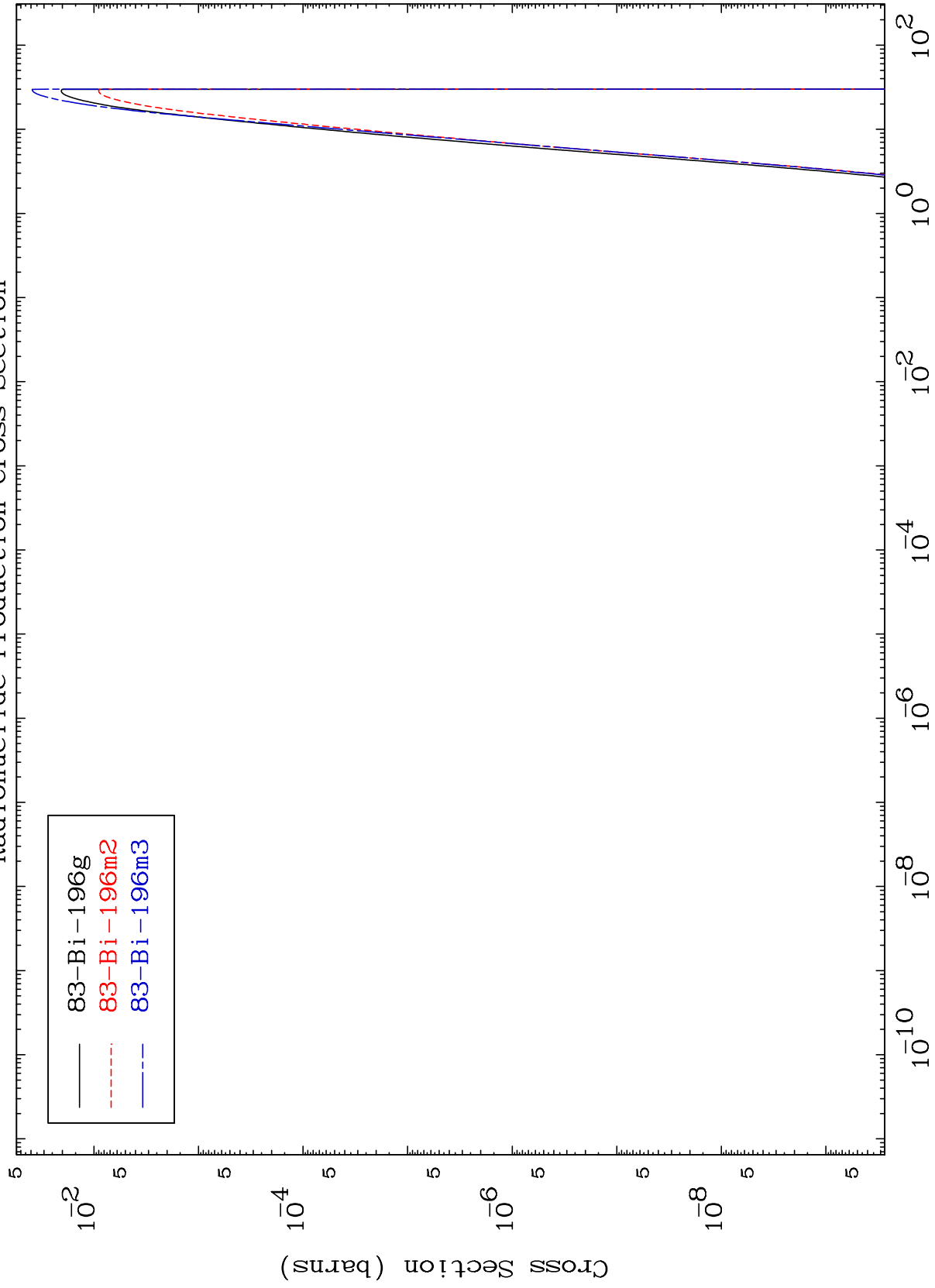
85-At-200

MAT 8518

(n,n')  $\alpha$

85-At-200

Radionuclide Production Cross Section



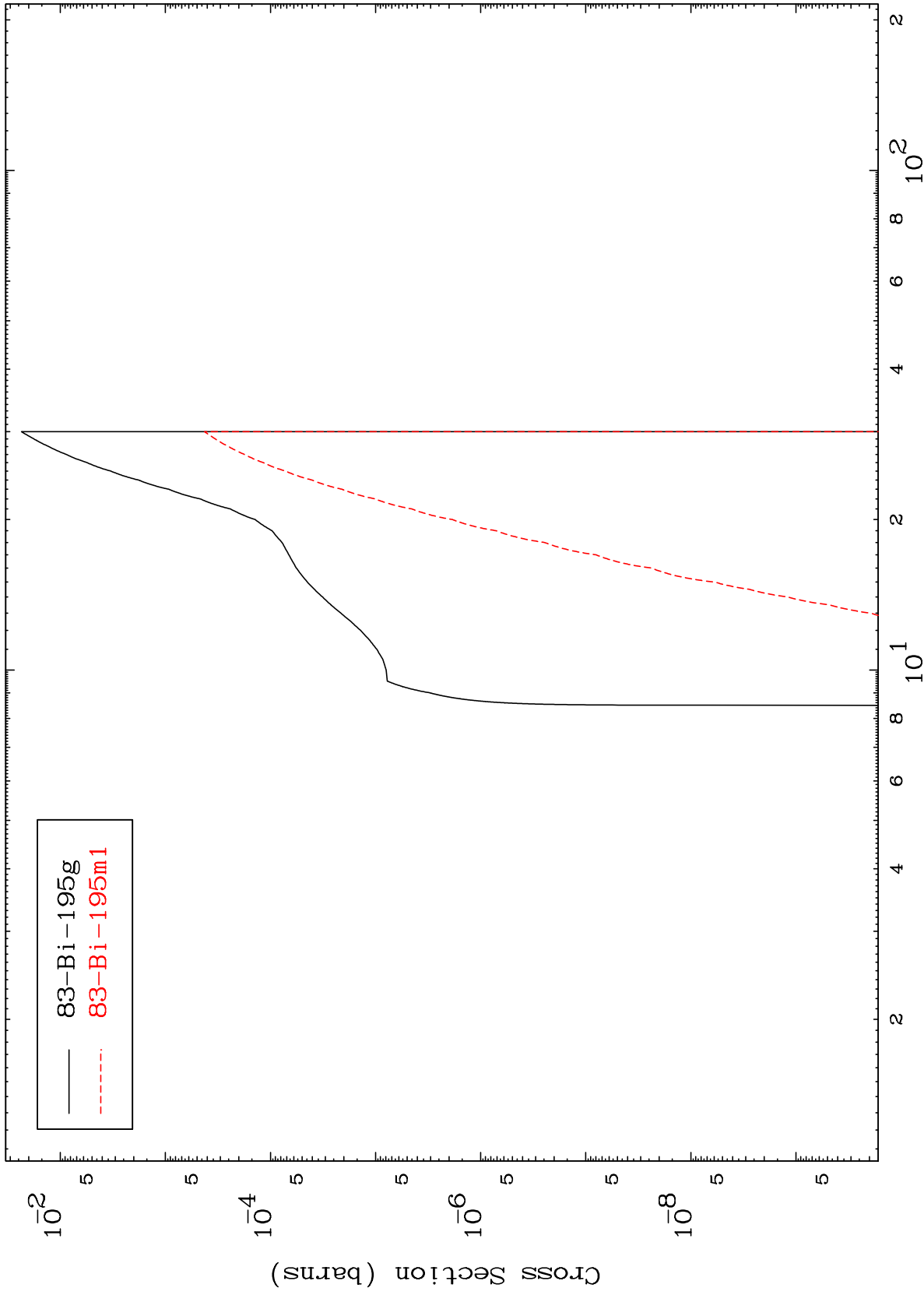
83-Bi-196g  
83-Bi-196m2  
83-Bi-196m3

MAT 8518

(n,2n)  $\alpha$

85-At-200

Radionuclide Production Cross Section



22

Incident Energy (MeV)

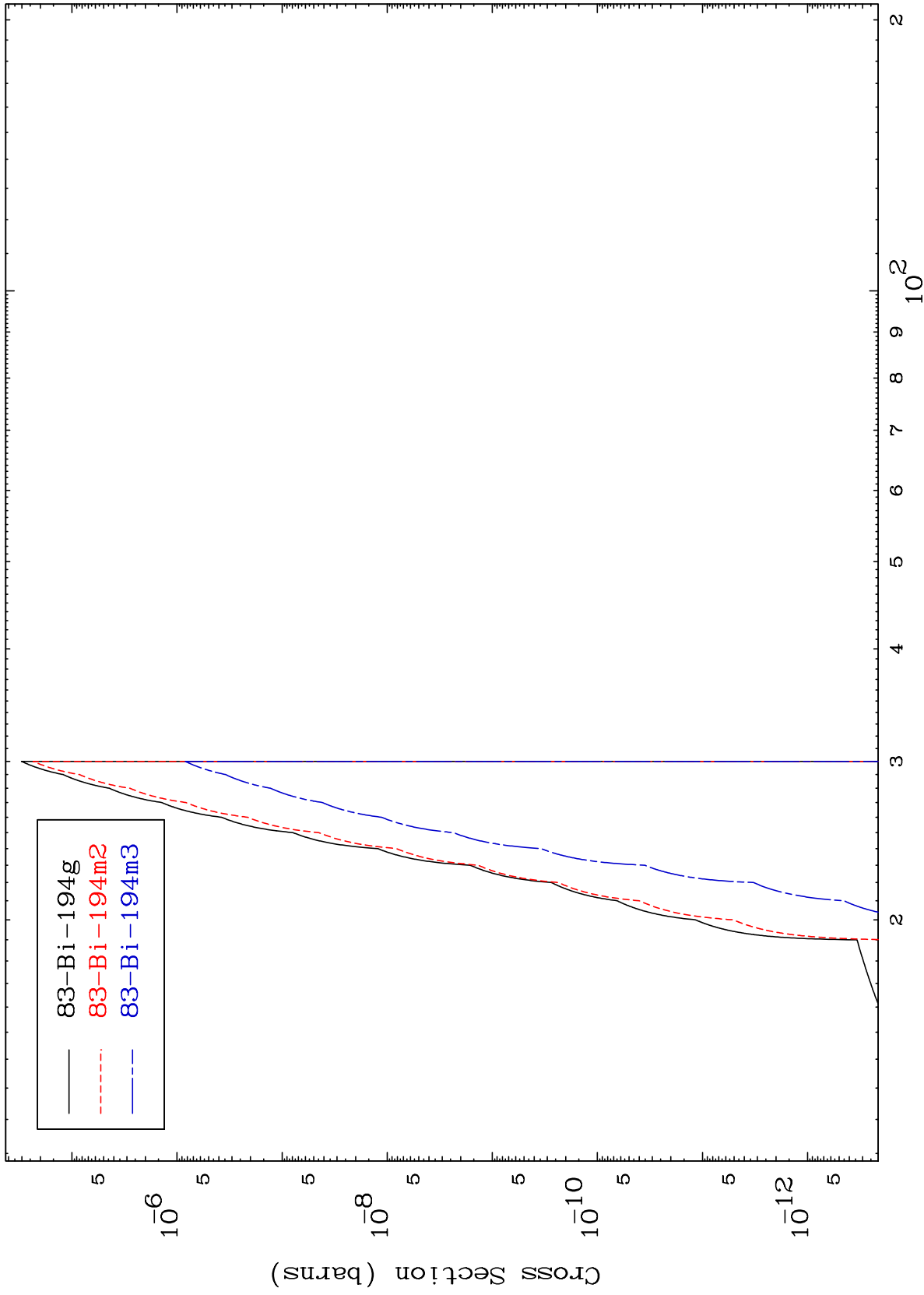
85-At-200

MAT 8518

(n,3n)  $\alpha$

85-At-200

Radionuclide Production Cross Section



23

Incident Energy (MeV)

85-At-200

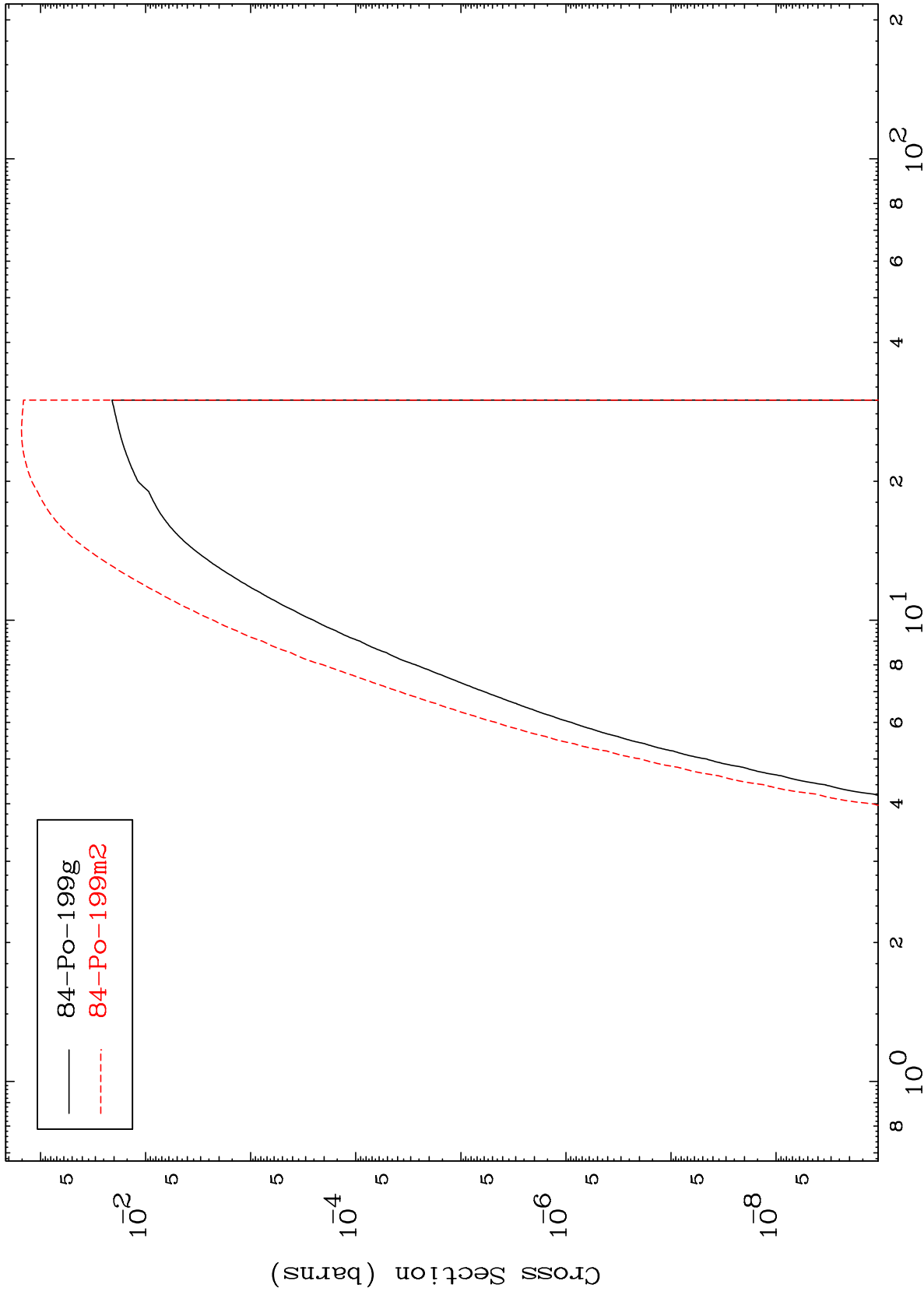


MAT 8518

(n,n') p

85-At-200

Radionuclide Production Cross Section



24

Incident Energy (MeV)

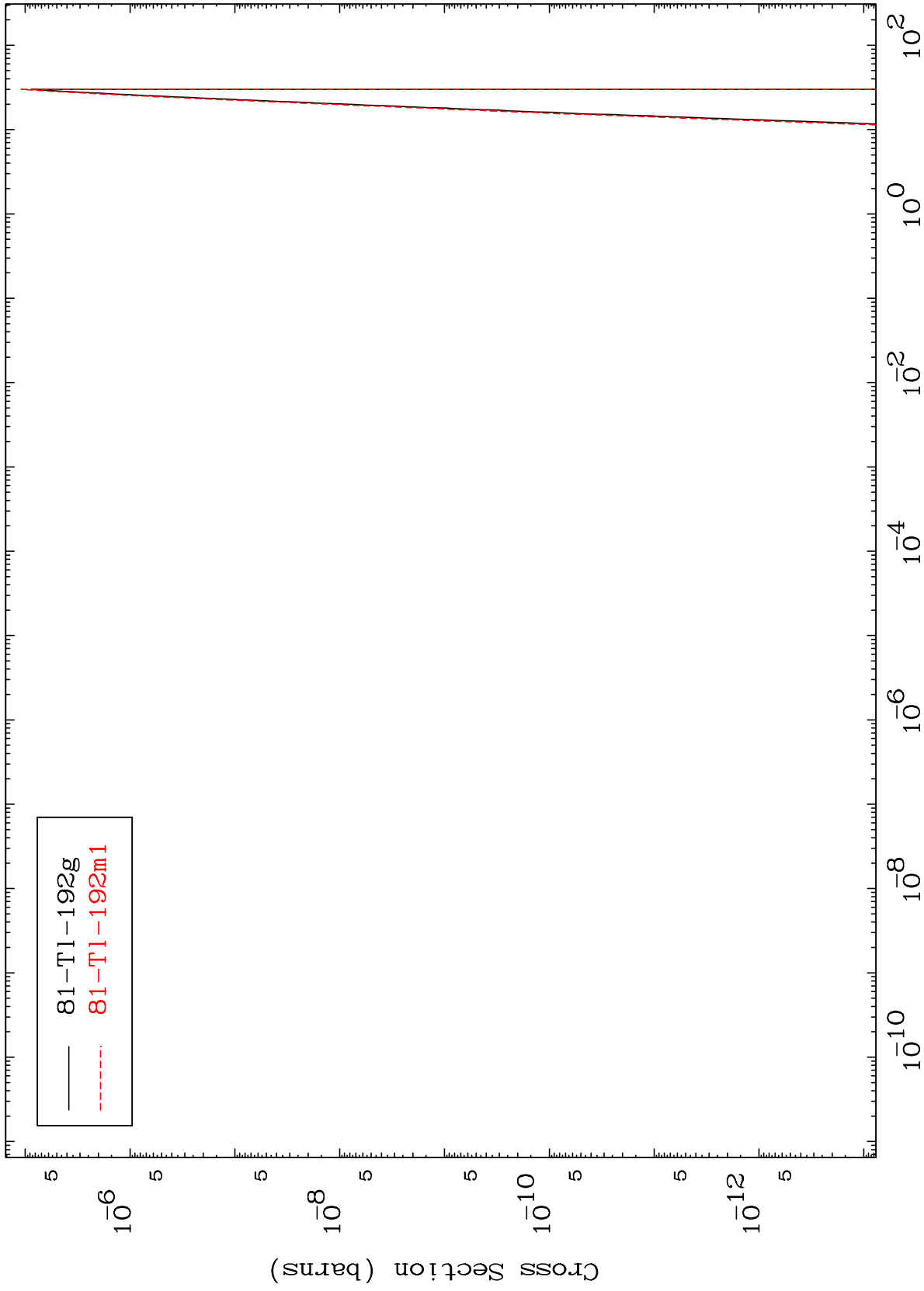
85-At-200

MAT 8518

(n,n') 2 $\alpha$

85-At-200

Radionuclide Production Cross Section



25

Incident Energy (MeV)

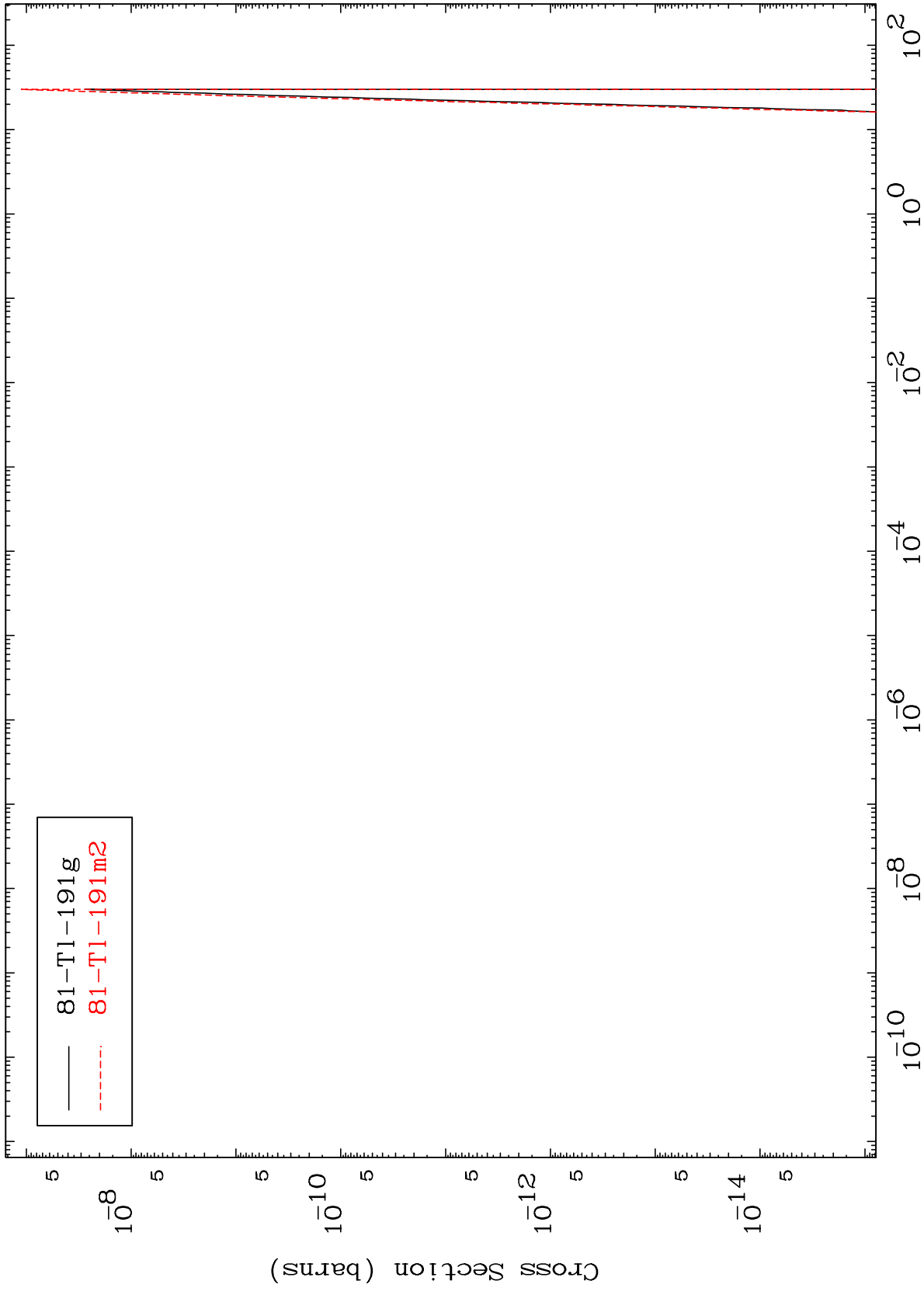
85-At-200

MAT 8518

(n,2n) 2α

85-At-200

Radionuclide Production Cross Section

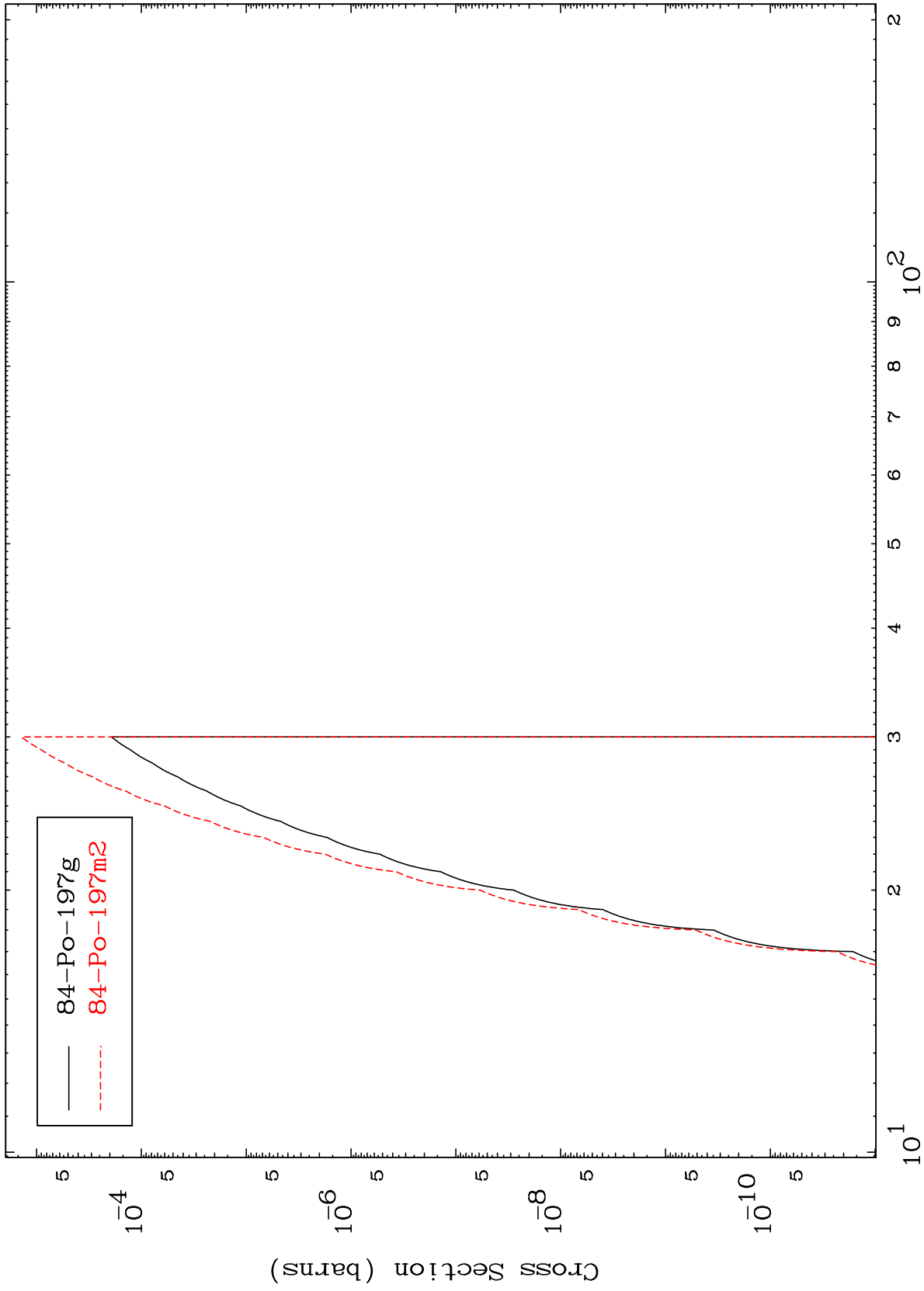


MAT 8518

(n,n') t

85-At-200

Radionuclide Production Cross Section



27

Incident Energy (MeV)

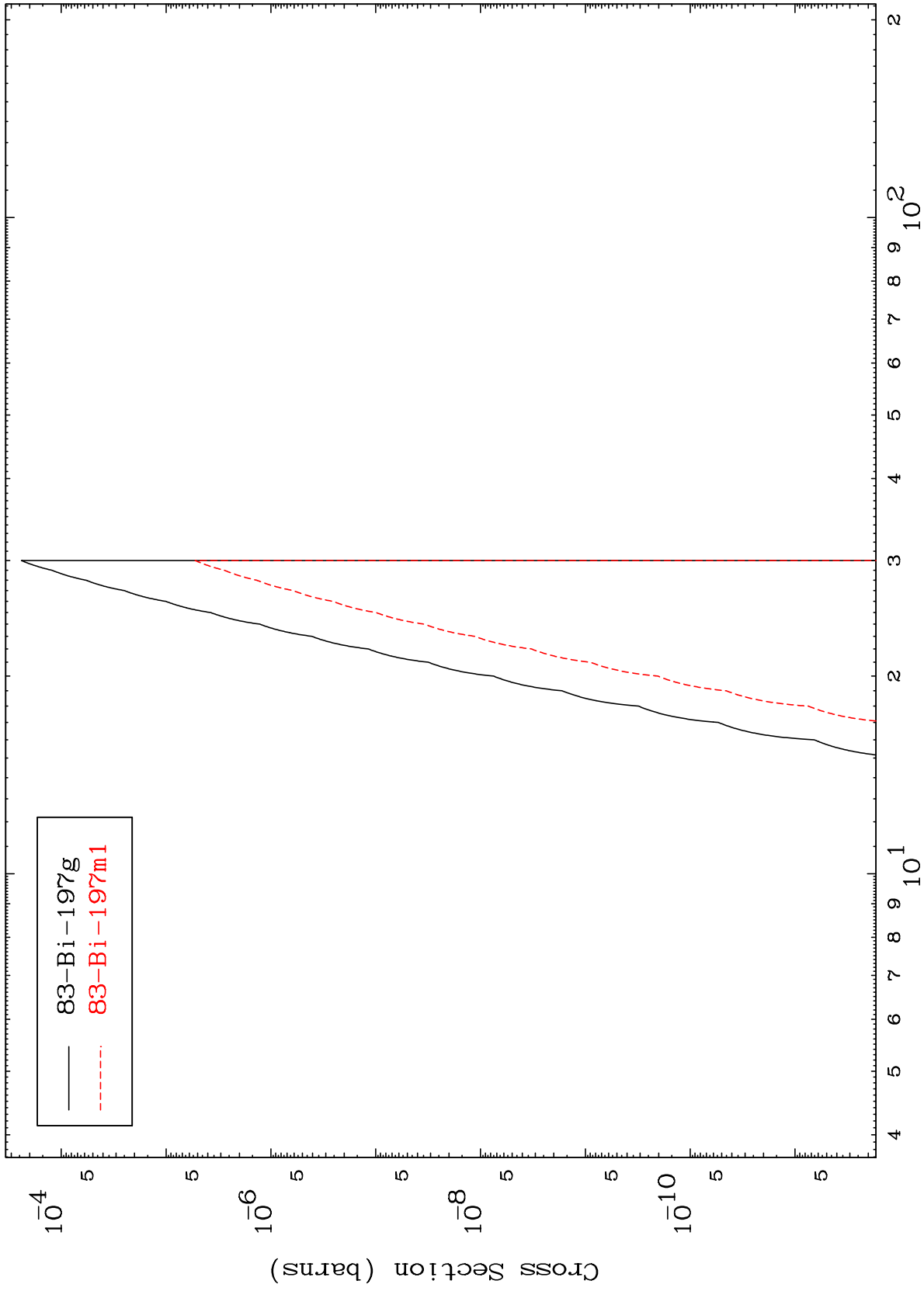
85-At-200

MAT 8518

(n, n') He-3

85-At-200

Radionuclide Production Cross Section



83-Bi-197g  
83-Bi-197m1

28

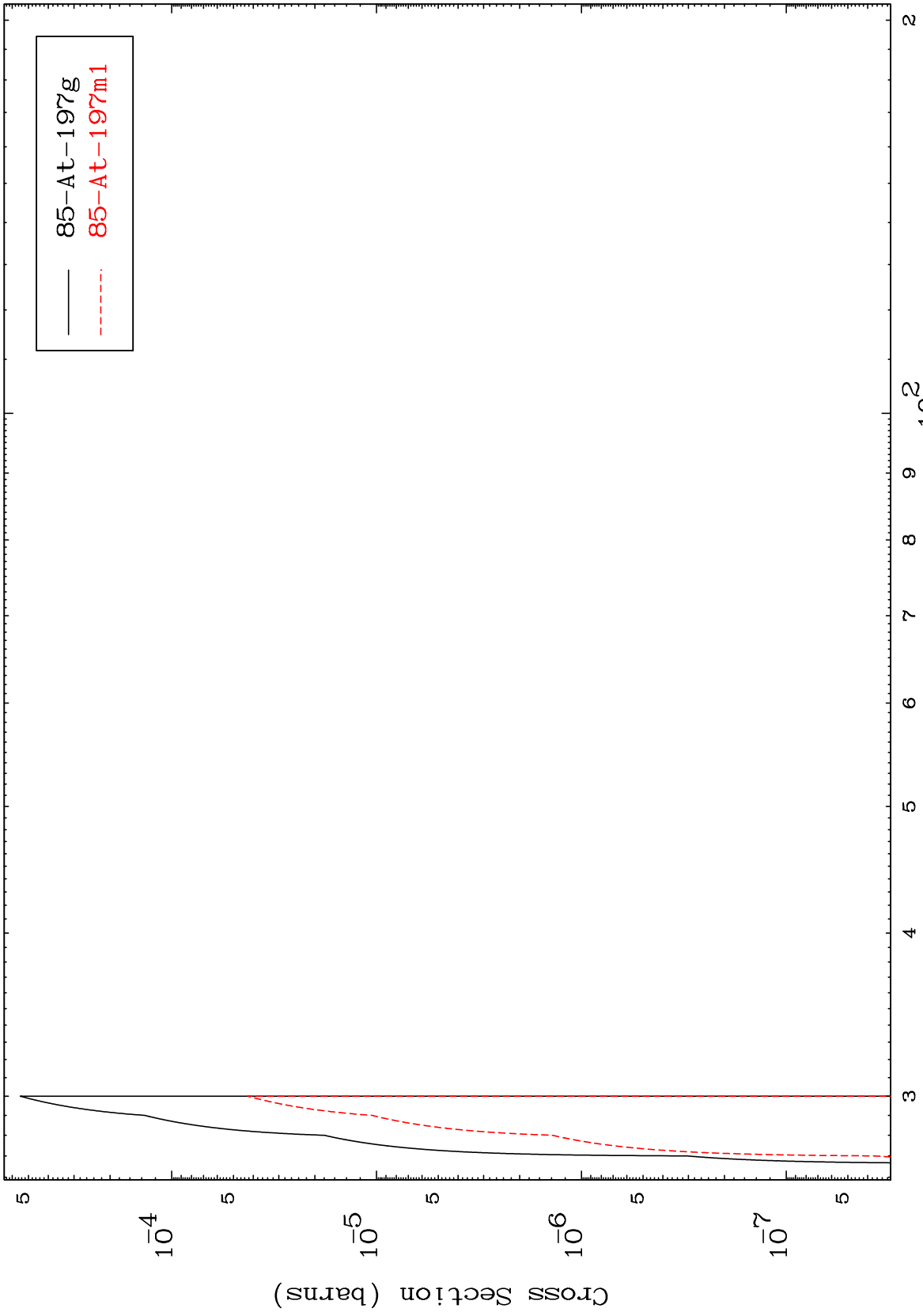
Incident Energy (MeV)

85-At-200

MAT 8518

85-At-200

(n,4n)  
Radionuclide Production Cross Section



29

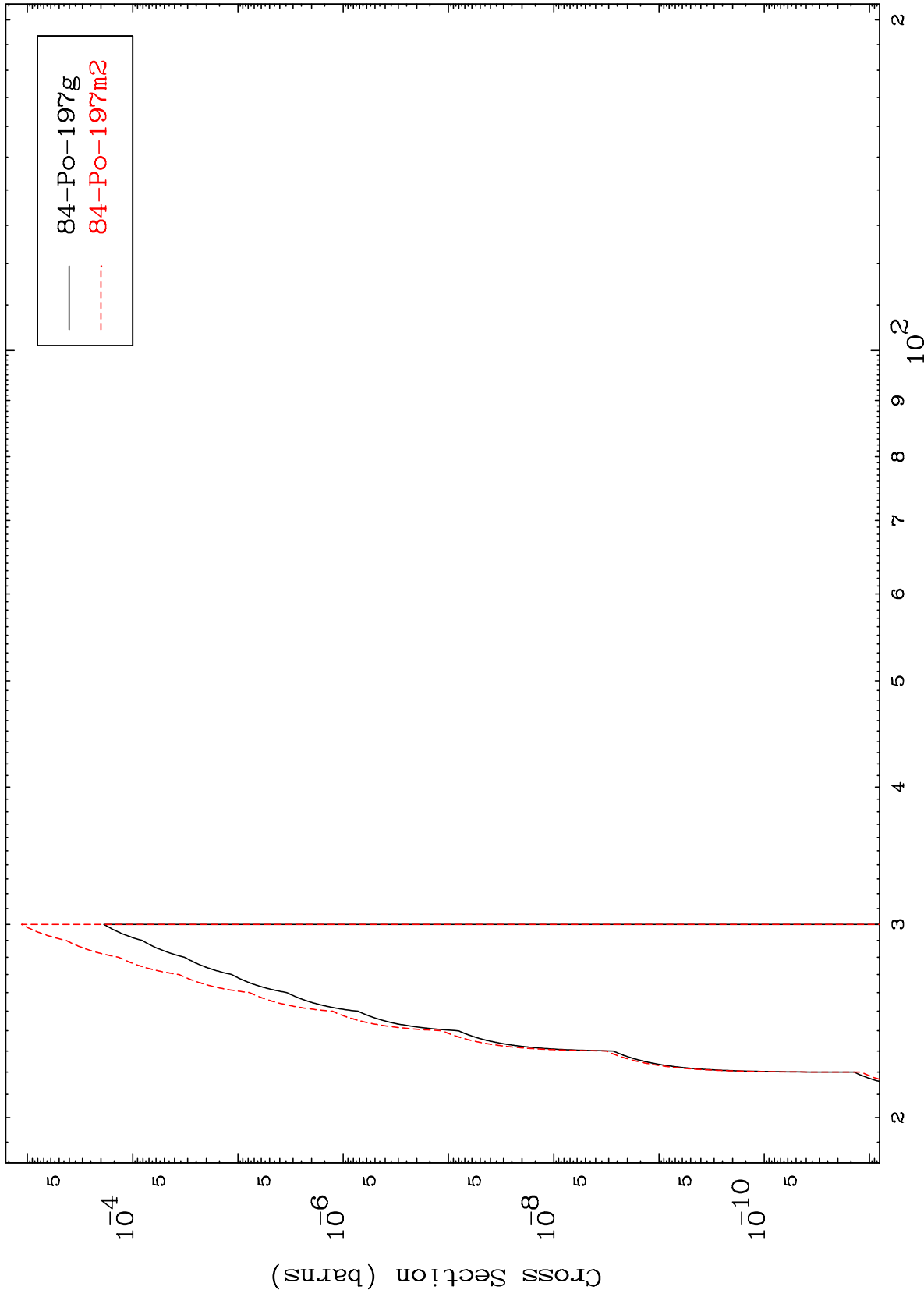
85-At-200

MAT 8518

(n,3n) p

85-At-200

Radionuclide Production Cross Section



30

Incident Energy (MeV)

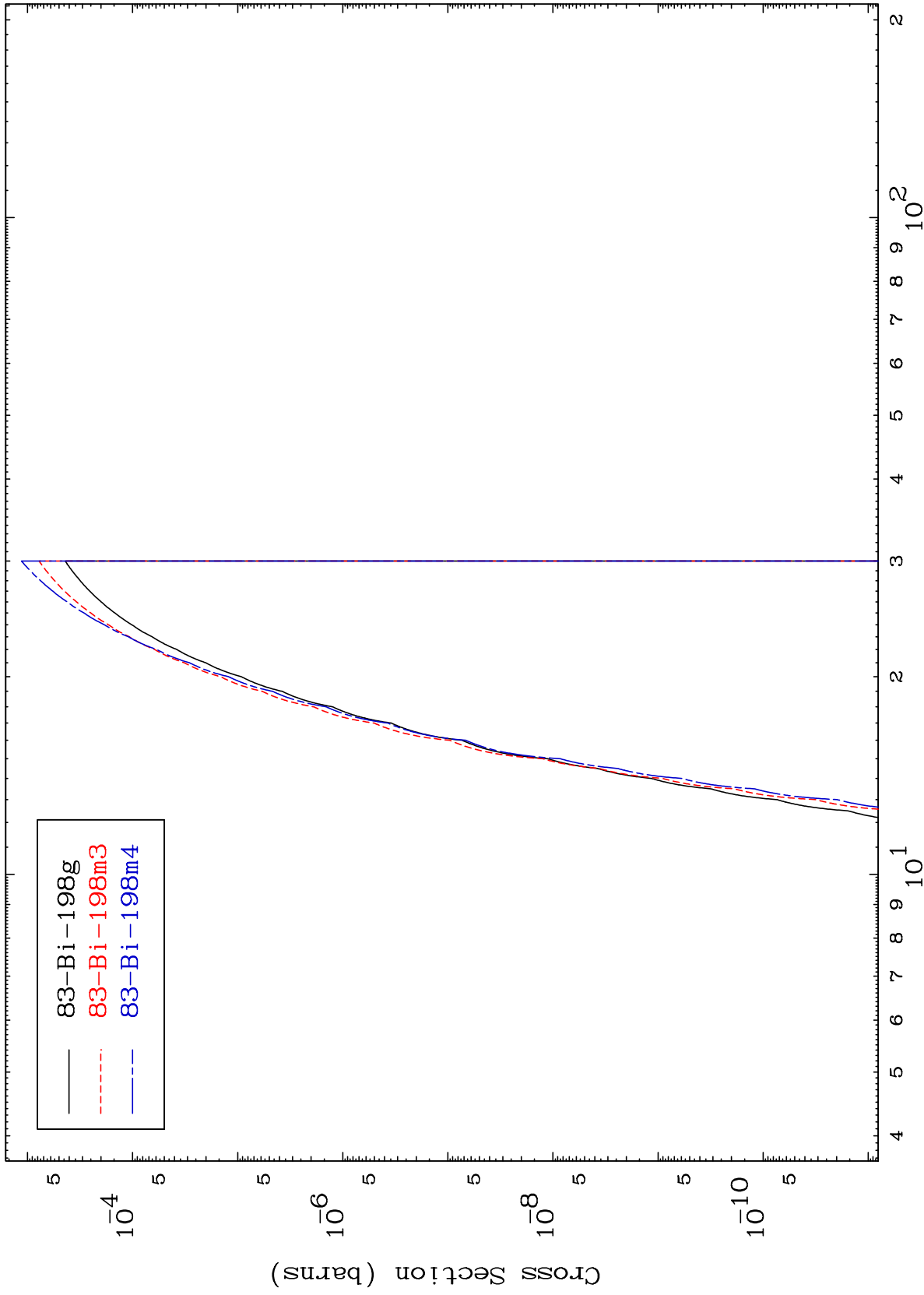
85-At-200

MAT 8518

(n,2n) p

85-At-200

Radionuclide Production Cross Section



31

Incident Energy (MeV)

85-At-200

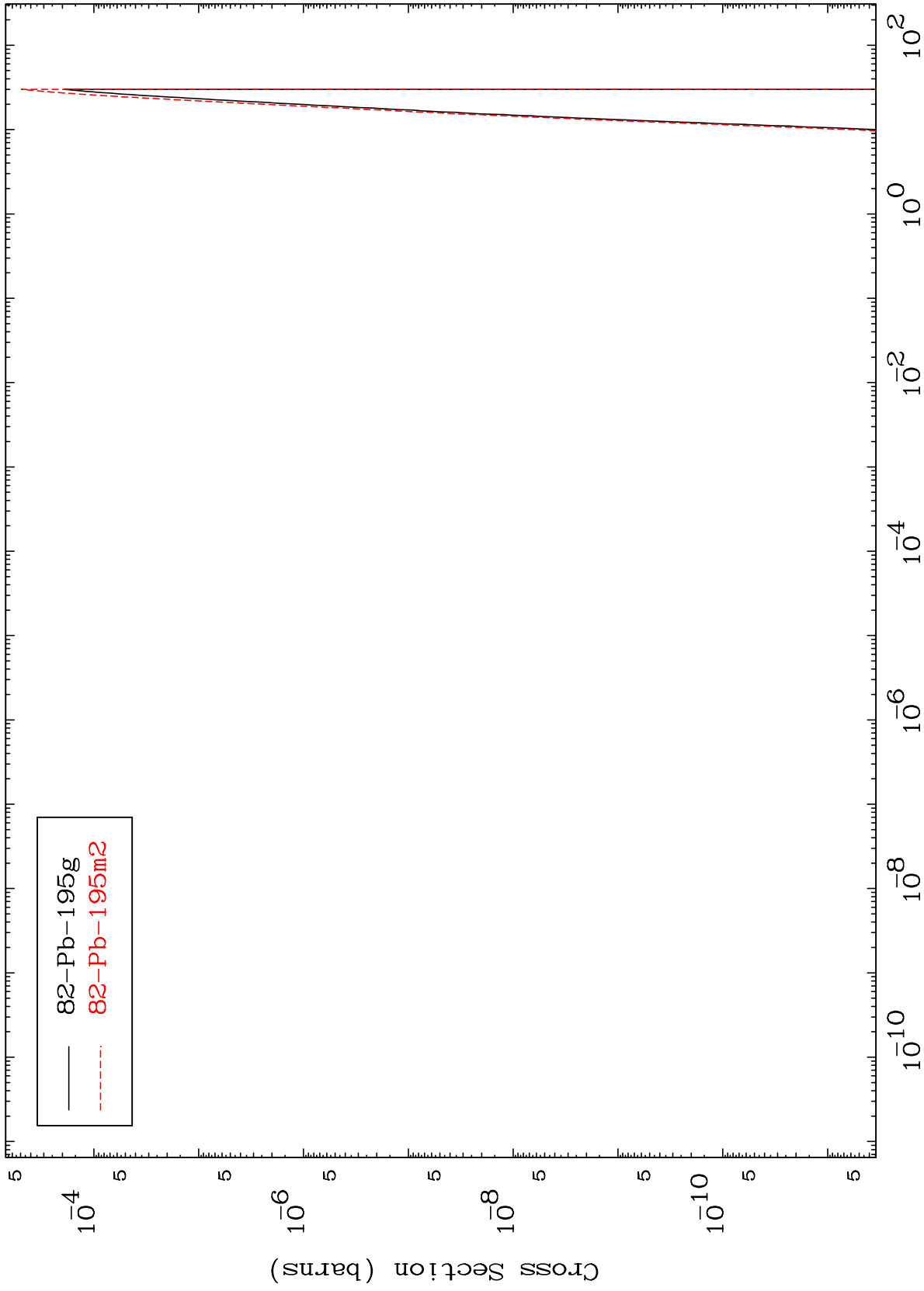


MAT 8518

(n,n') p  $\alpha$

85-At-200

Radionuclide Production Cross Section



32

Incident Energy (MeV)

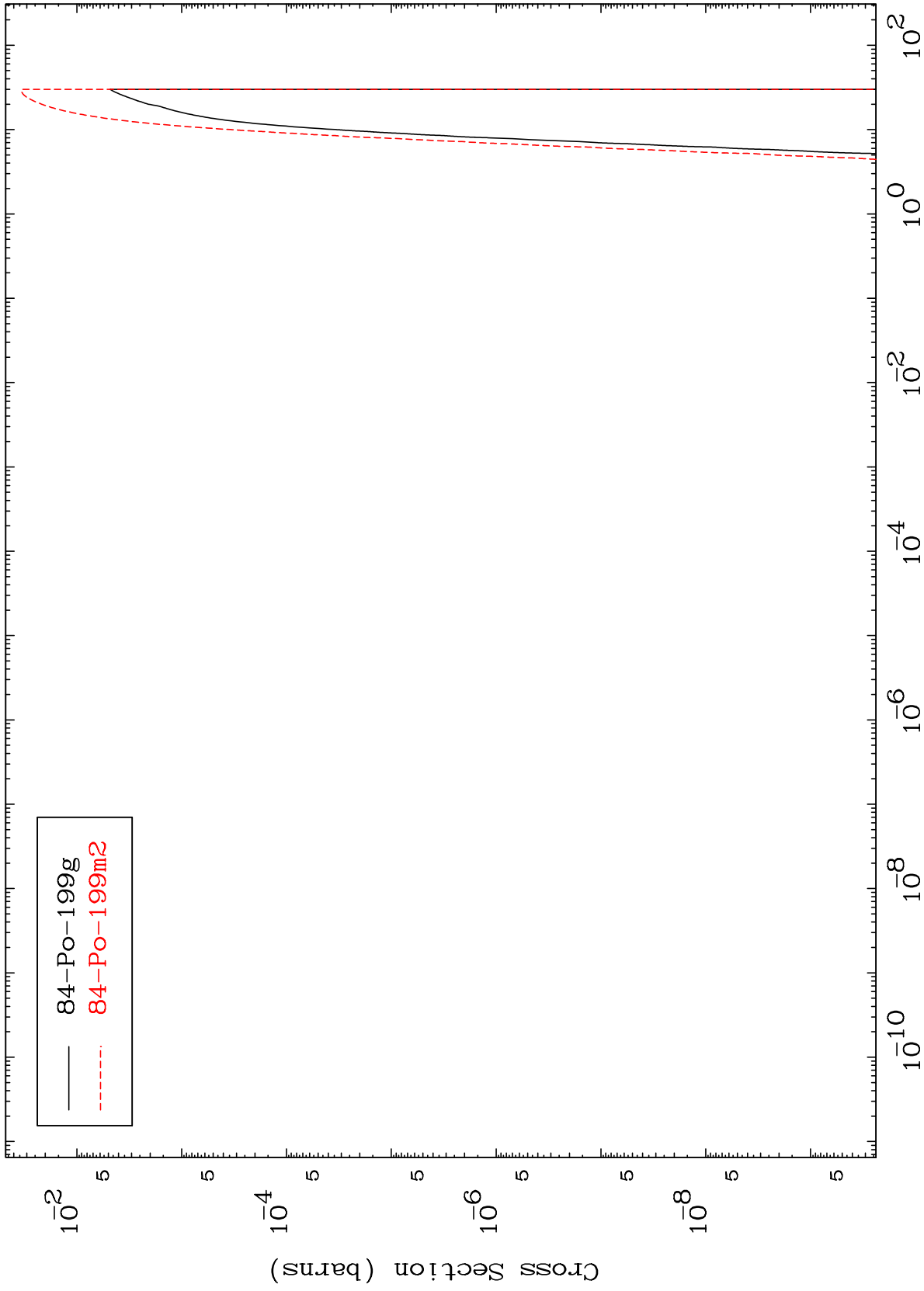
85-At-200

MAT 8518

(n,d)

85-At-200

Radionuclide Production Cross Section



33

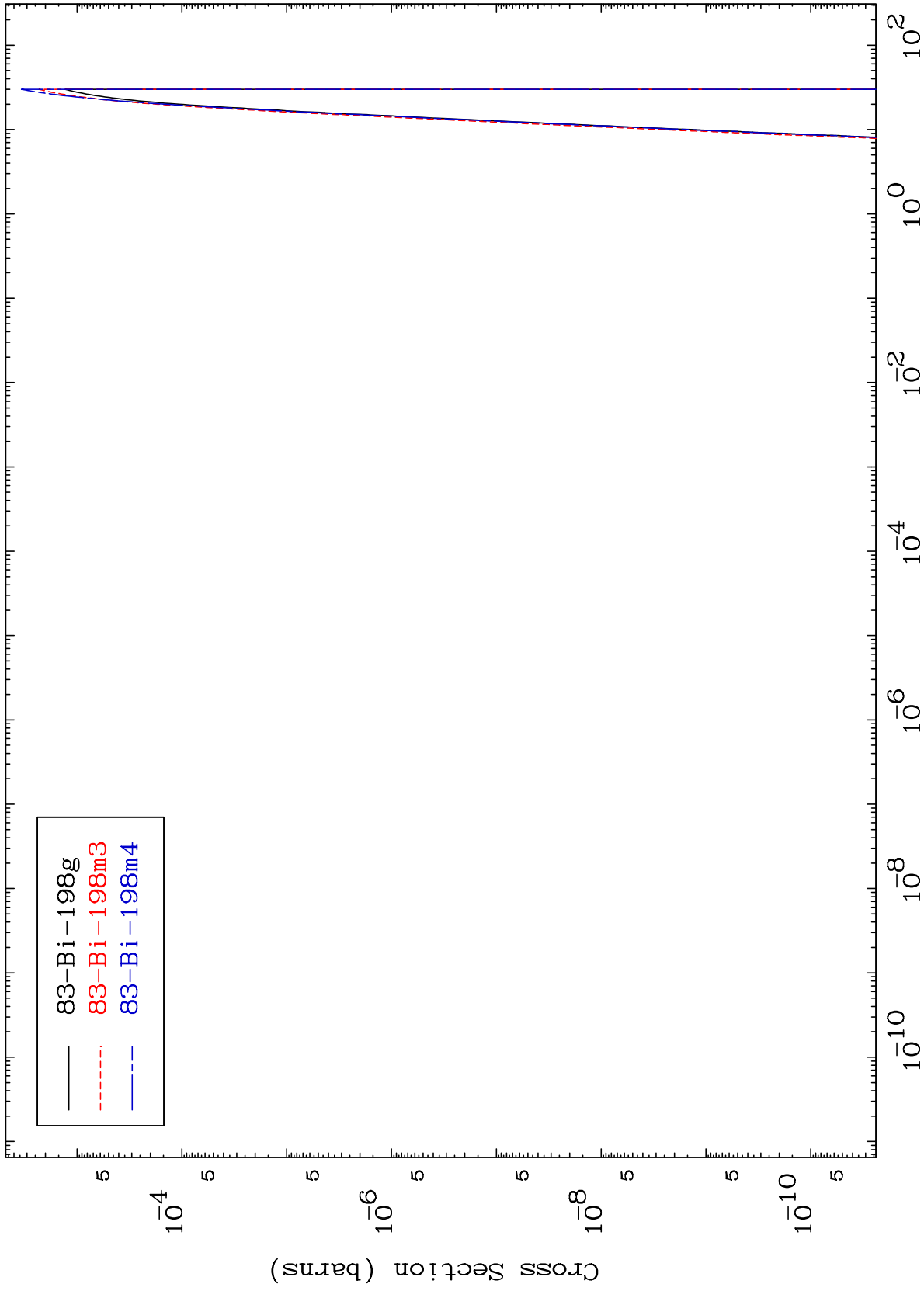
85-At-200

MAT 8518

(n,He-3)

85-At-200

Radionuclide Production Cross Section



34

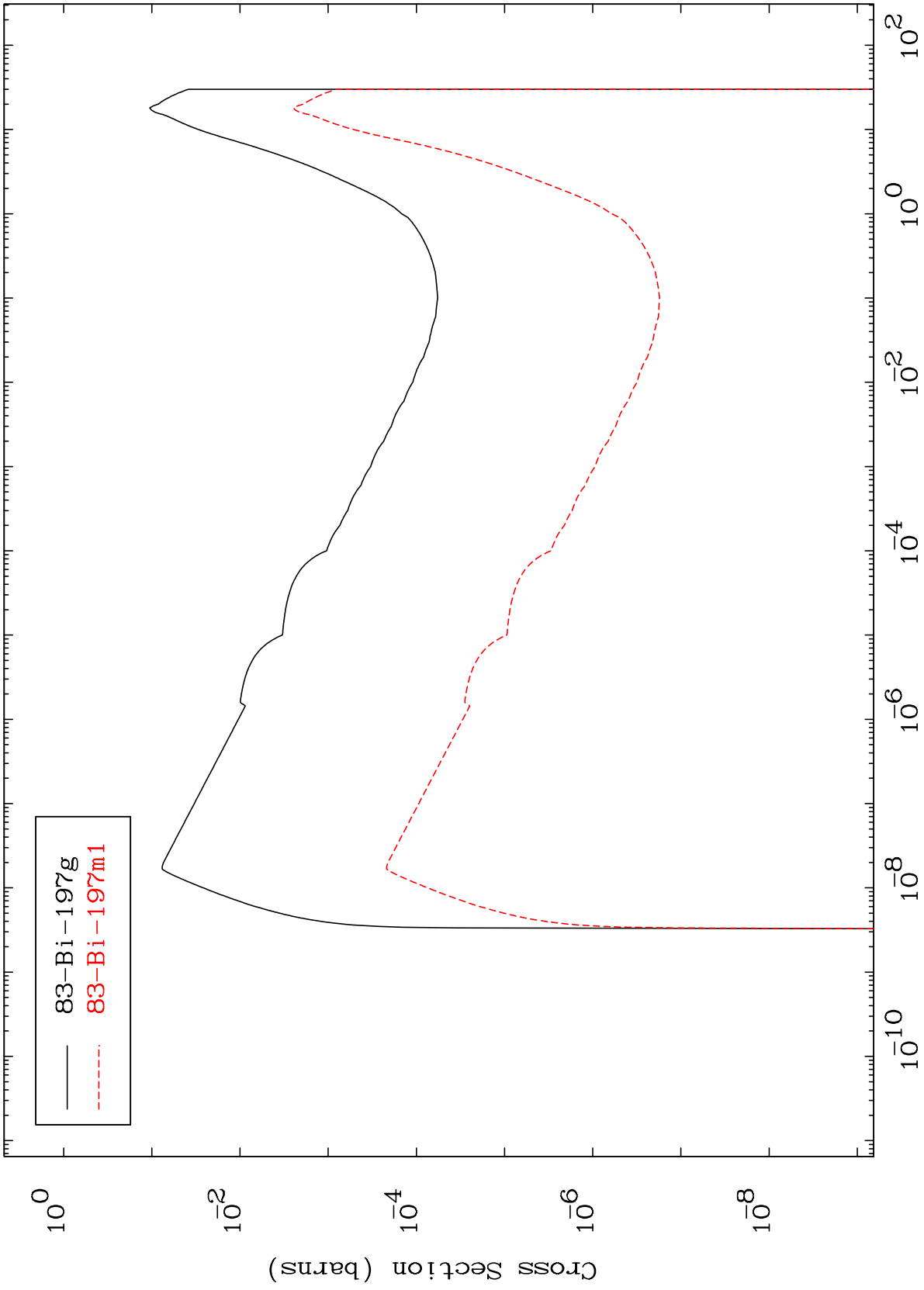
Incident Energy (MeV)

85-At-200

MAT 8518

85-At-200

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



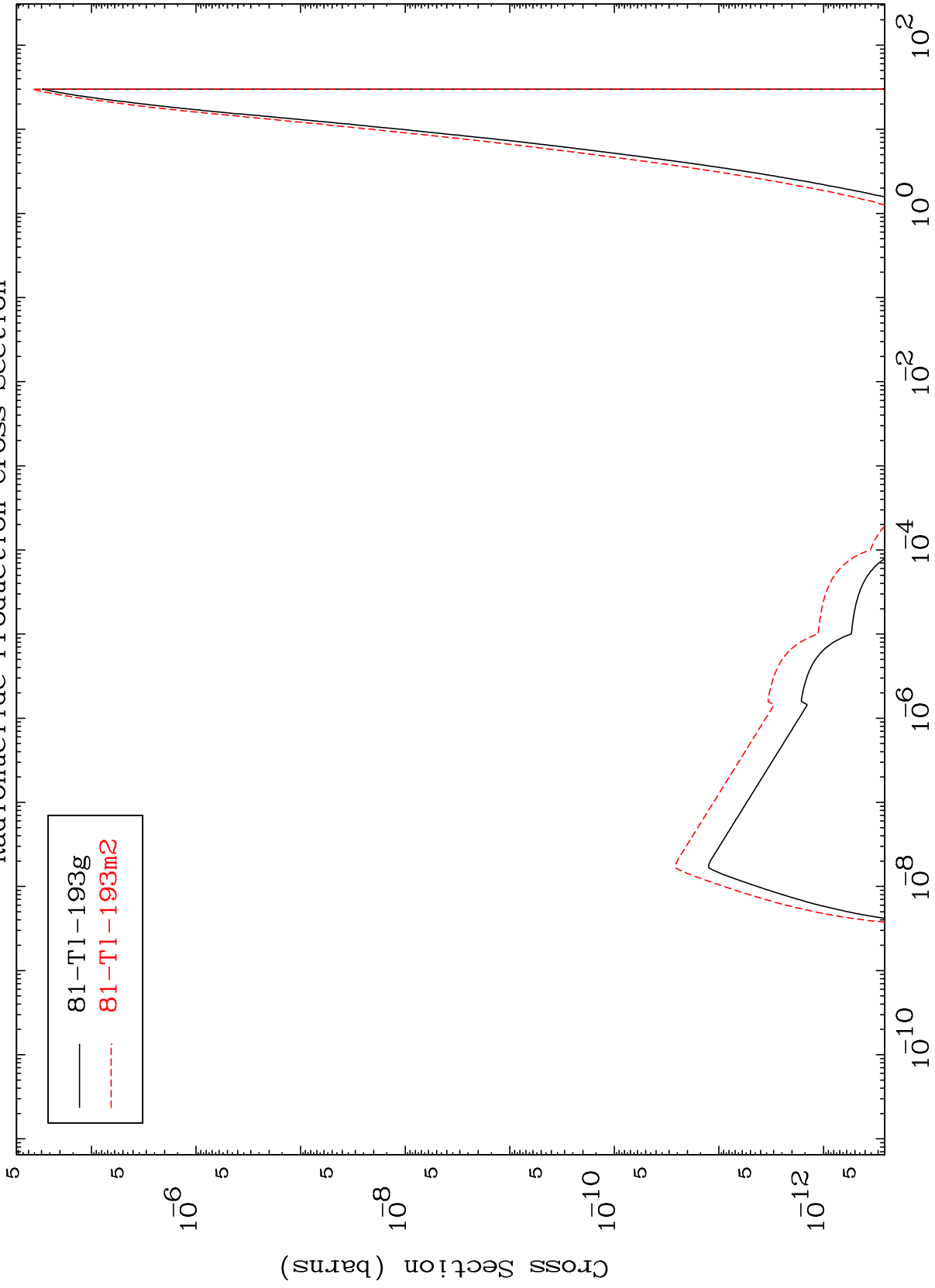
35

85-At-200

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Radionuclide Production Cross Section  
(n,2α)

85-At-200



36

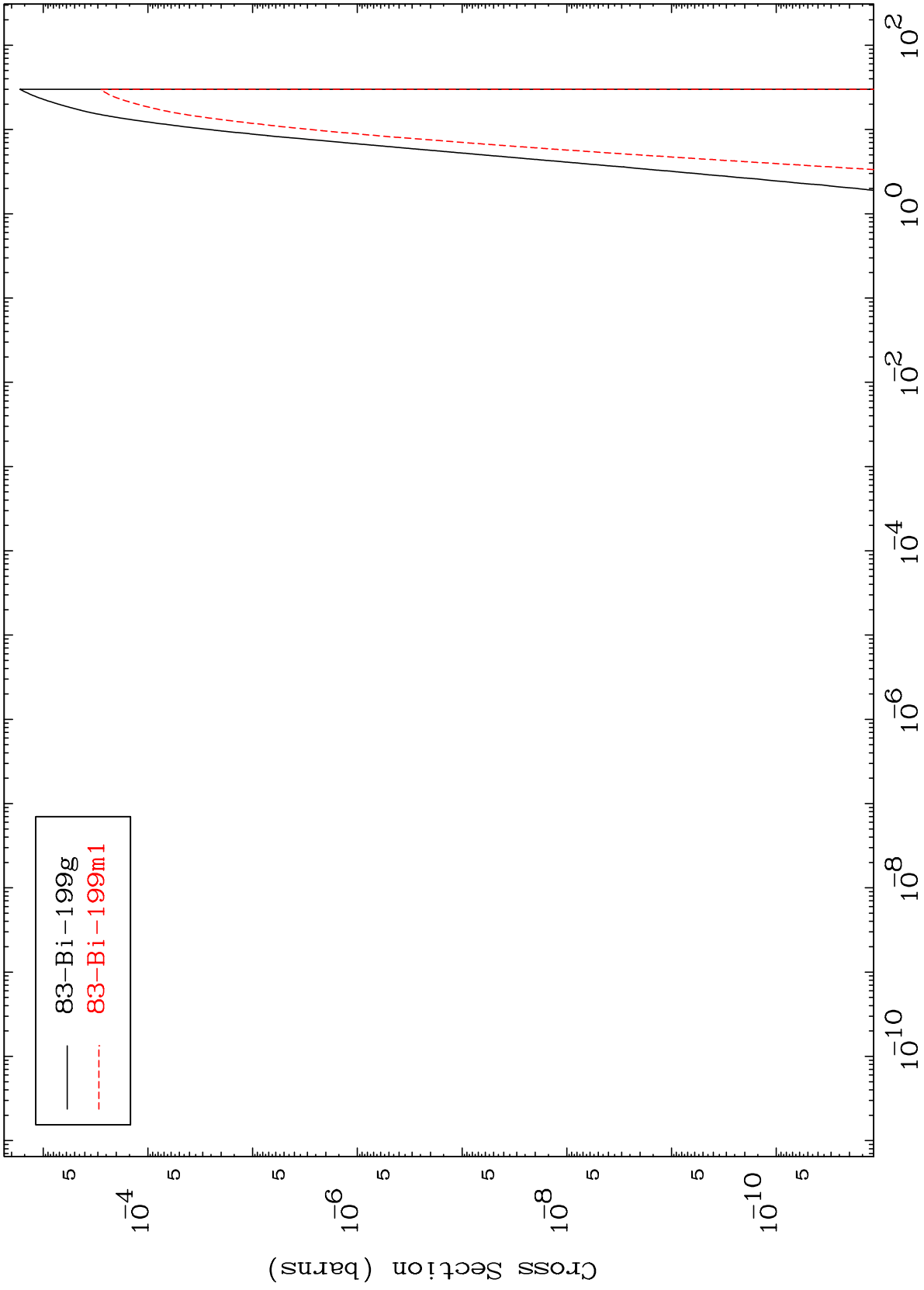
Incident Energy (MeV)

85-At-200

MAT 8518

Radionuclide Production Cross Section  
(n,2p)

85-At-200



37

Incident Energy (MeV)

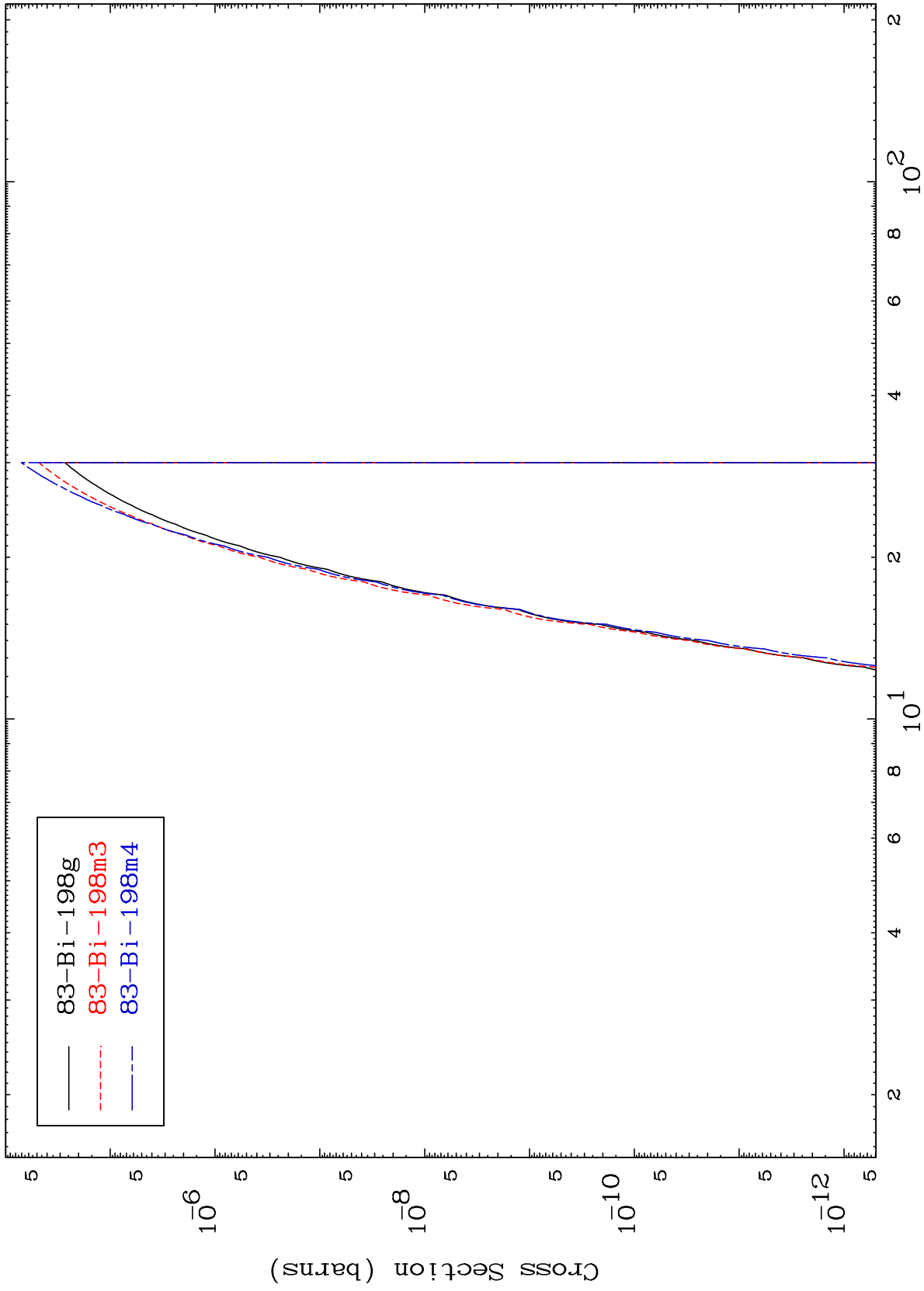
85-At-200

MAT 8518

(n,p) d

85-At-200

### Radionuclide Production Cross Section



38

Incident Energy (MeV)

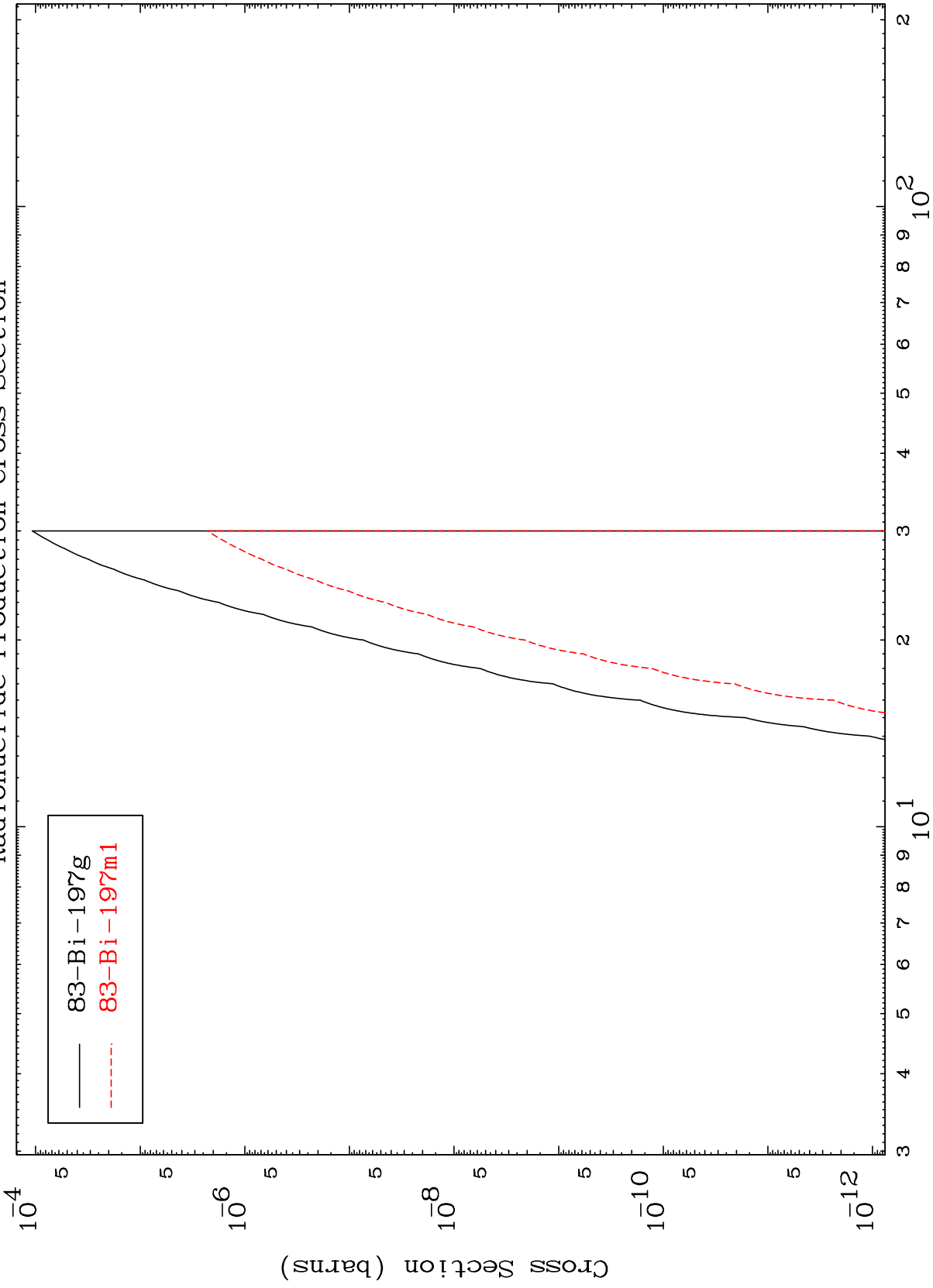
85-At-200

MAT 8518

(n,p) t

85-At-200

Radionuclide Production Cross Section



39

Incident Energy (MeV)

85-At-200

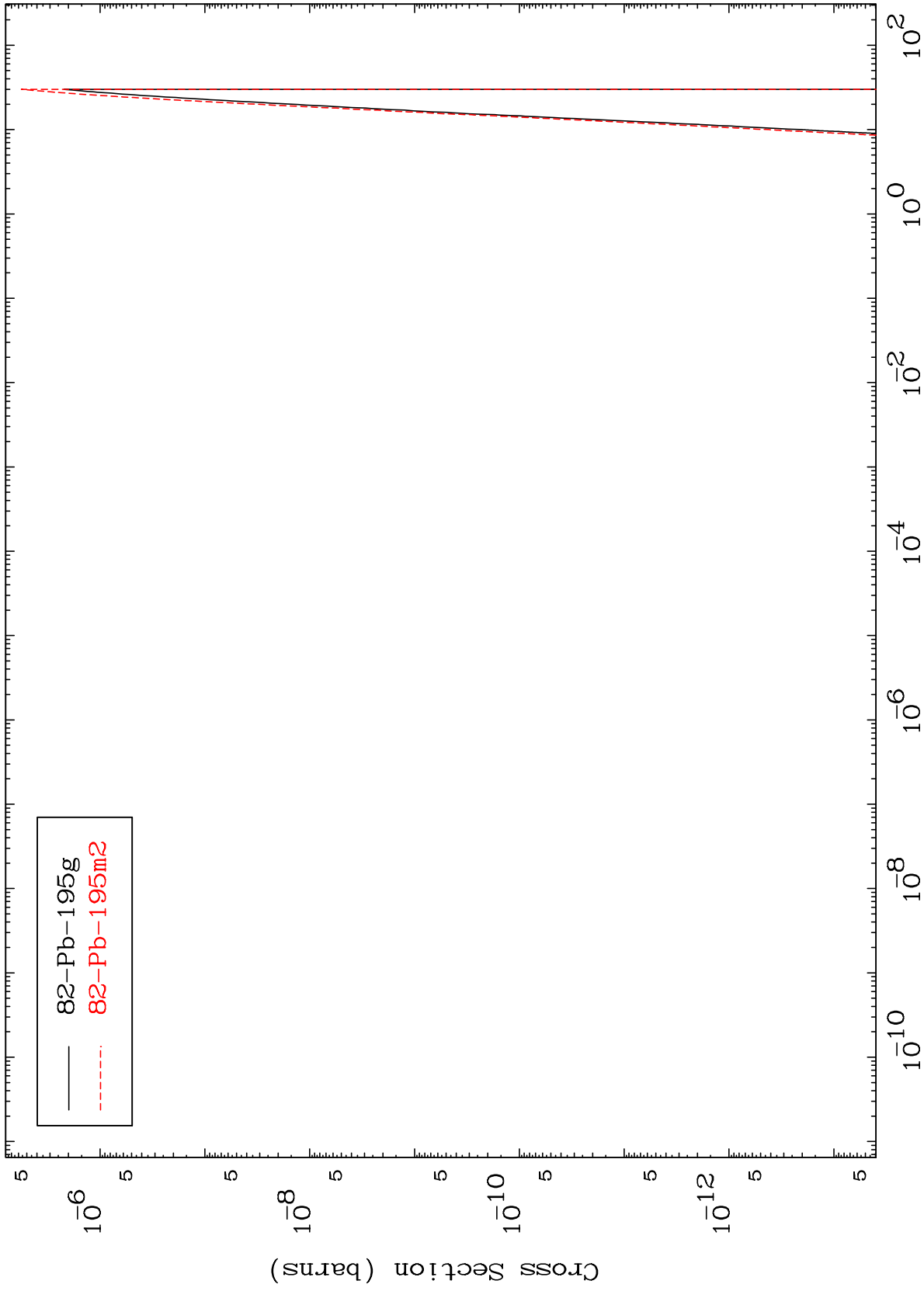


MAT 8518

(n,d)  $\alpha$

85-At-200

Radionuclide Production Cross Section



40

Incident Energy (MeV)

85-At-200