

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

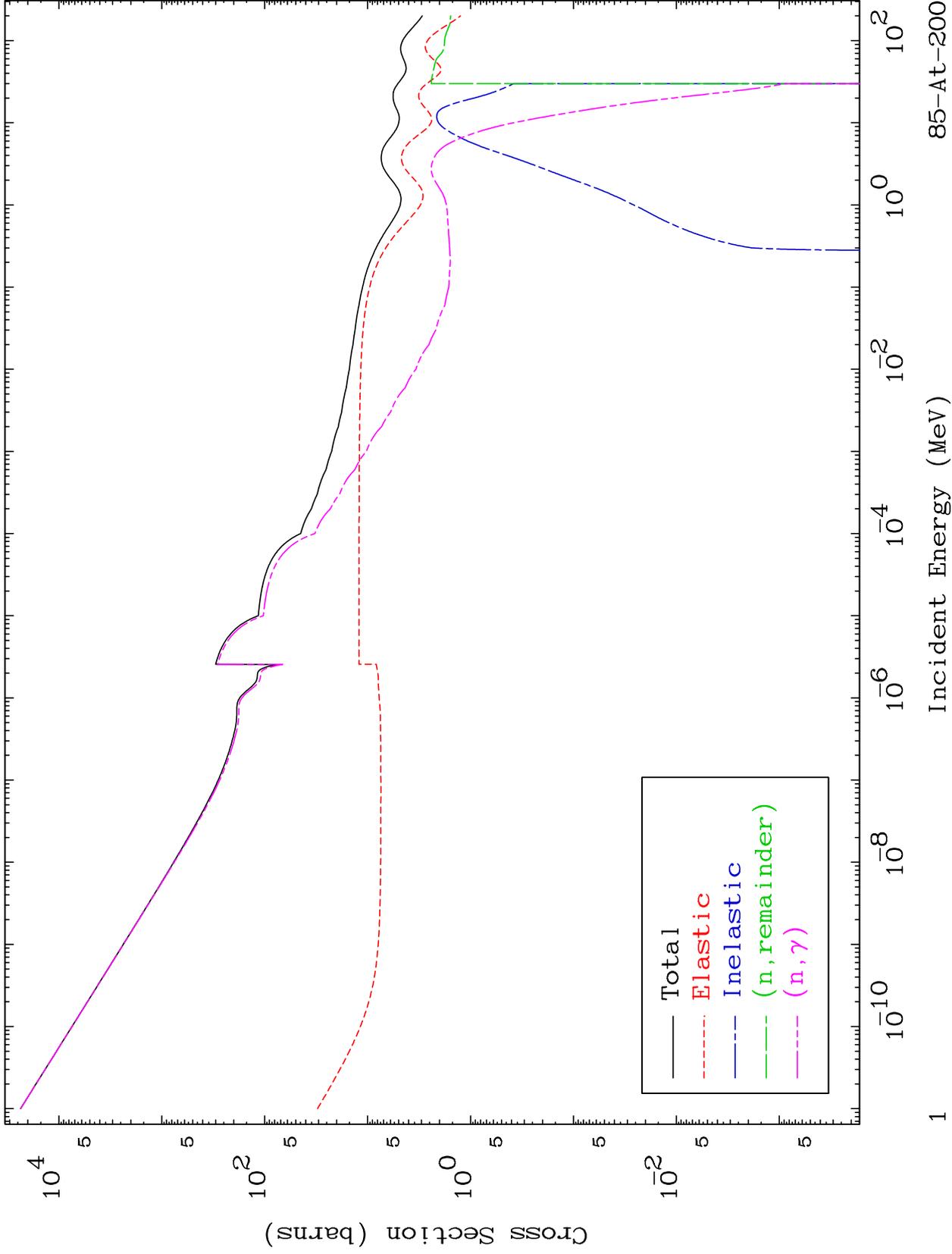
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8517

Major
293 Kelvin Cross Sections

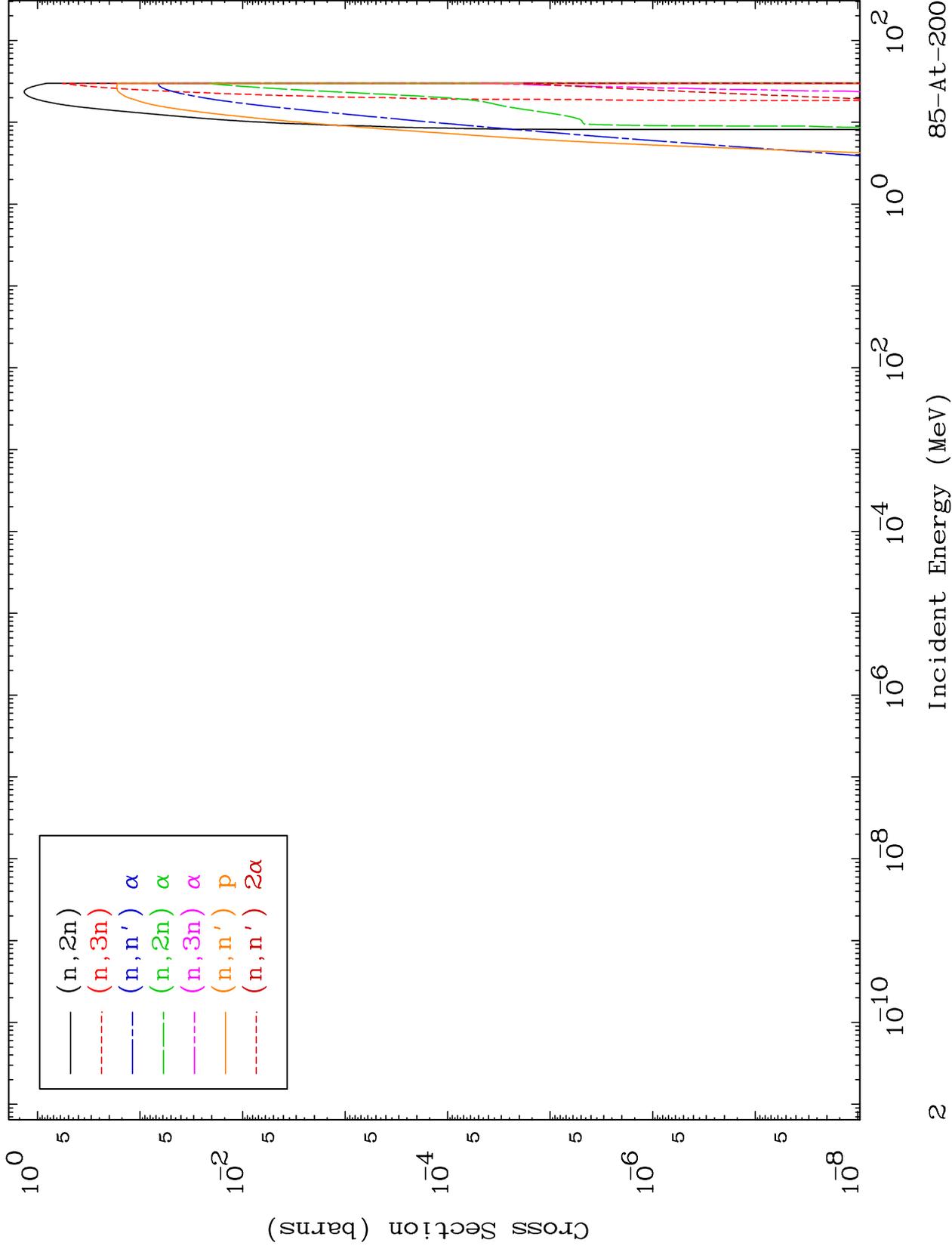
85-At-200



MAT 8517

Neutron Production
293 Kelvin Cross Sections

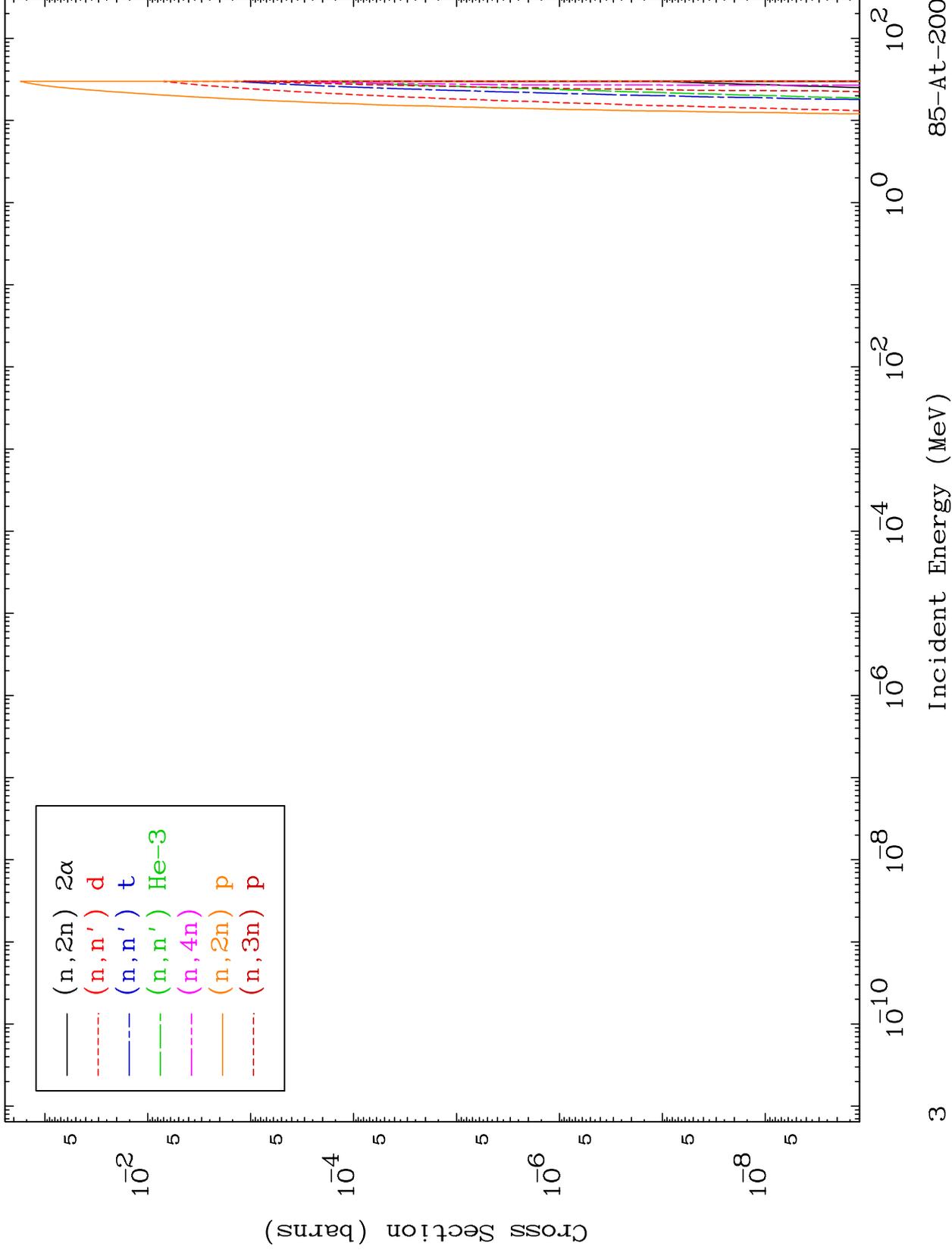
85-At-200



MAT 8517

Neutron Production
293 Kelvin Cross Sections

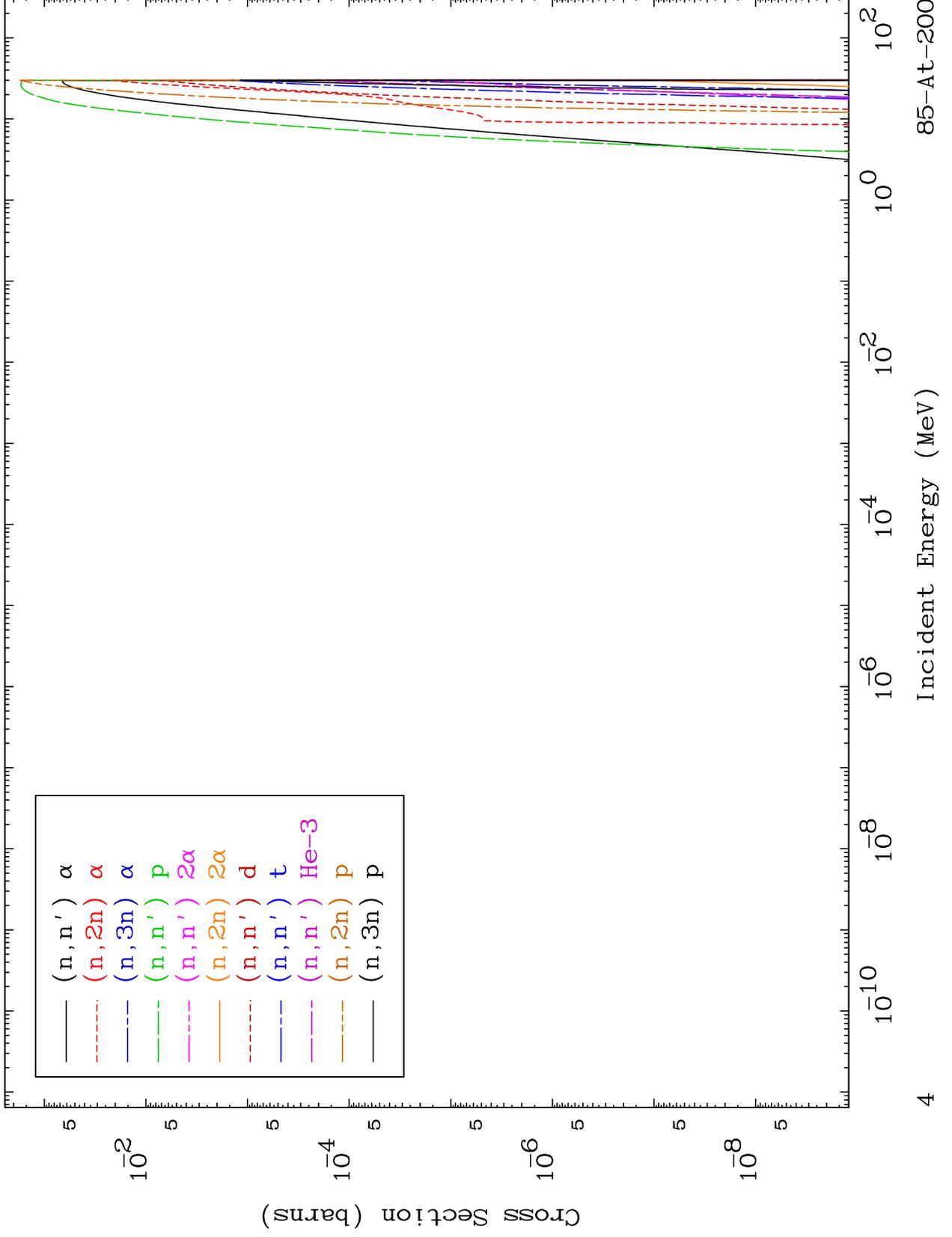
85-At-200



MAT 8517

Charged Particle
293 Kelvin Cross Sections

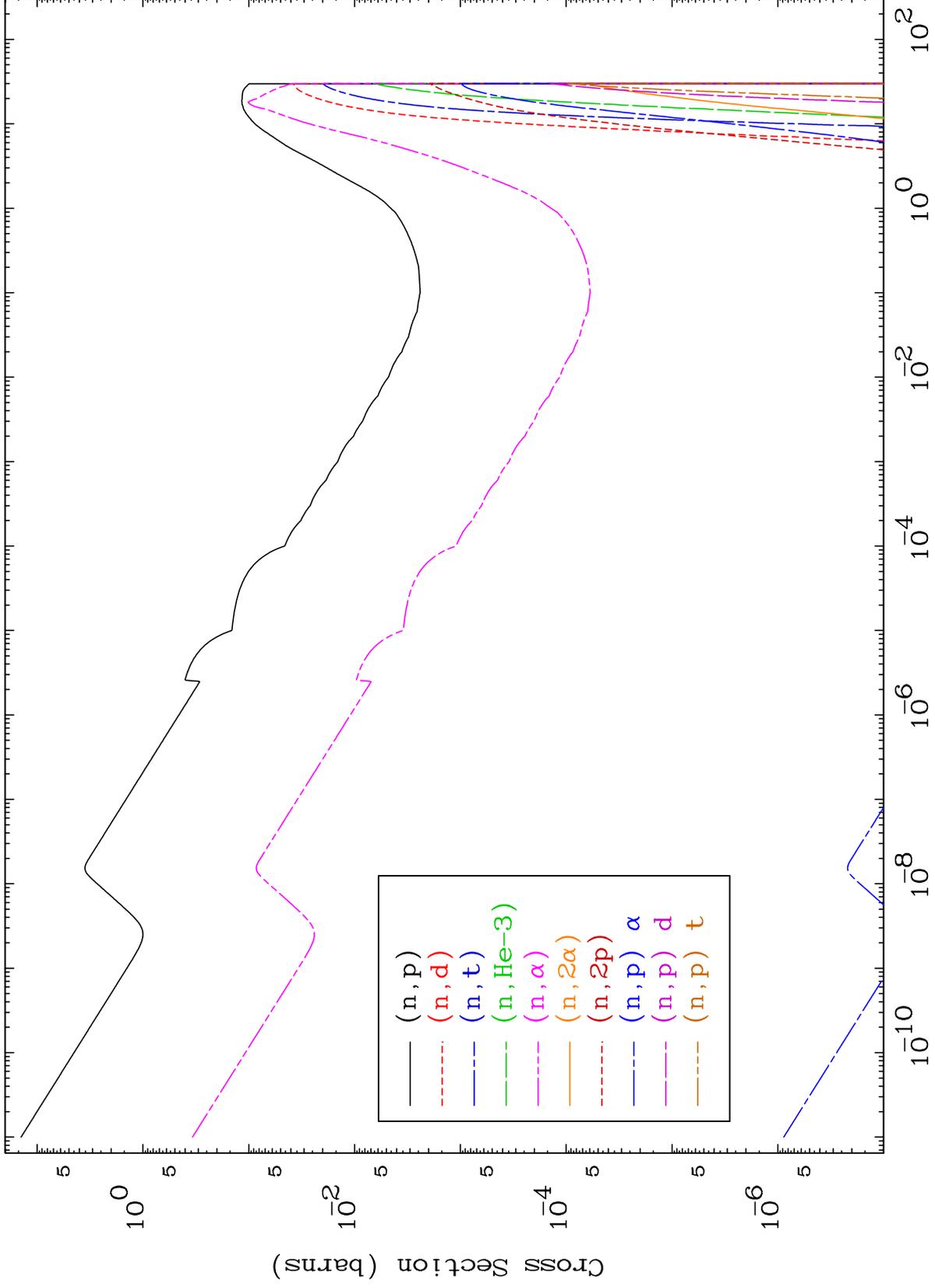
85-At-200



MAT 8517

Charged Particle
293 Kelvin Cross Sections

85-At-200



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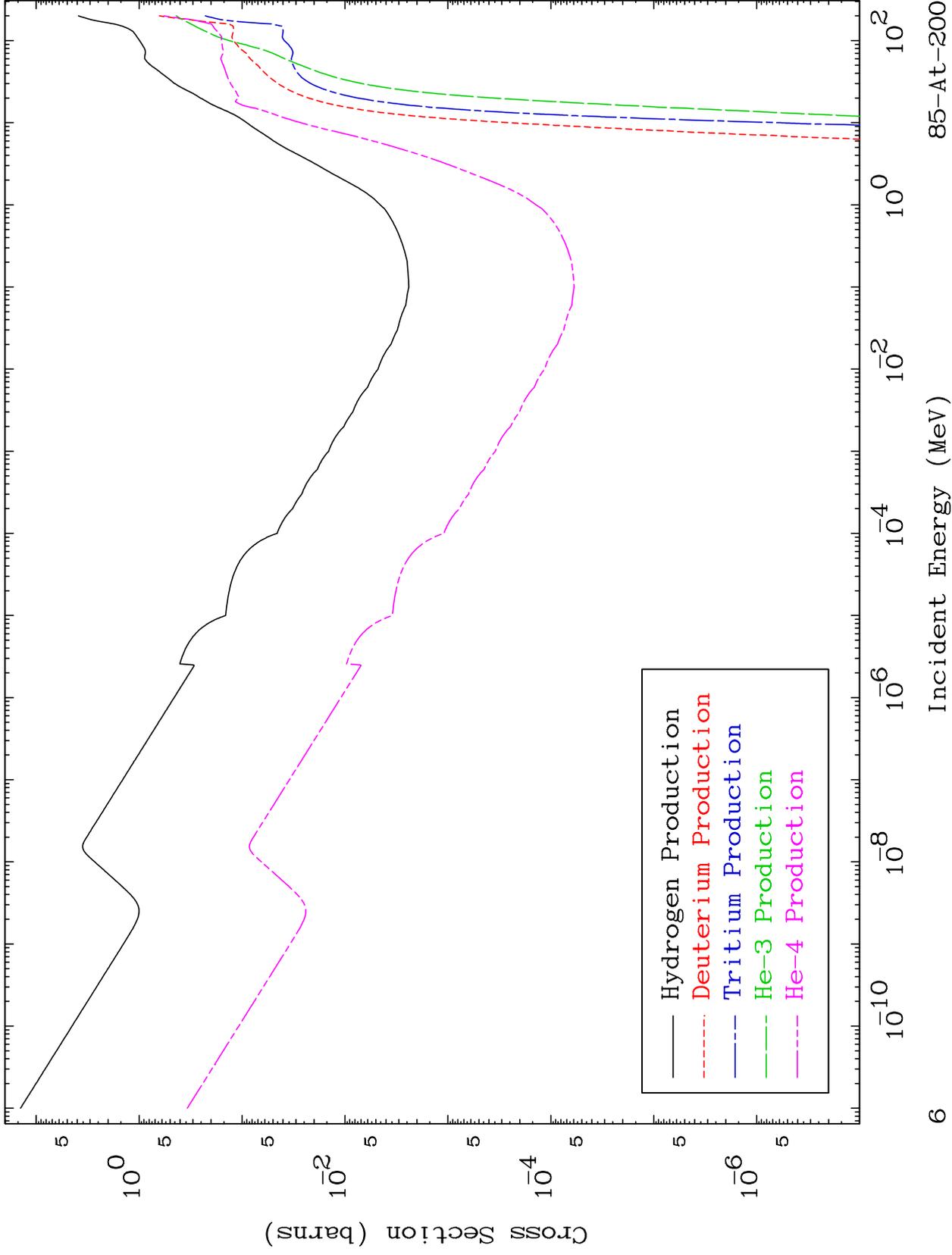
Incident Energy (MeV)

85-At-200

MAT 8517

Particle Production
293 Kelvin Cross Sections

85-At-200

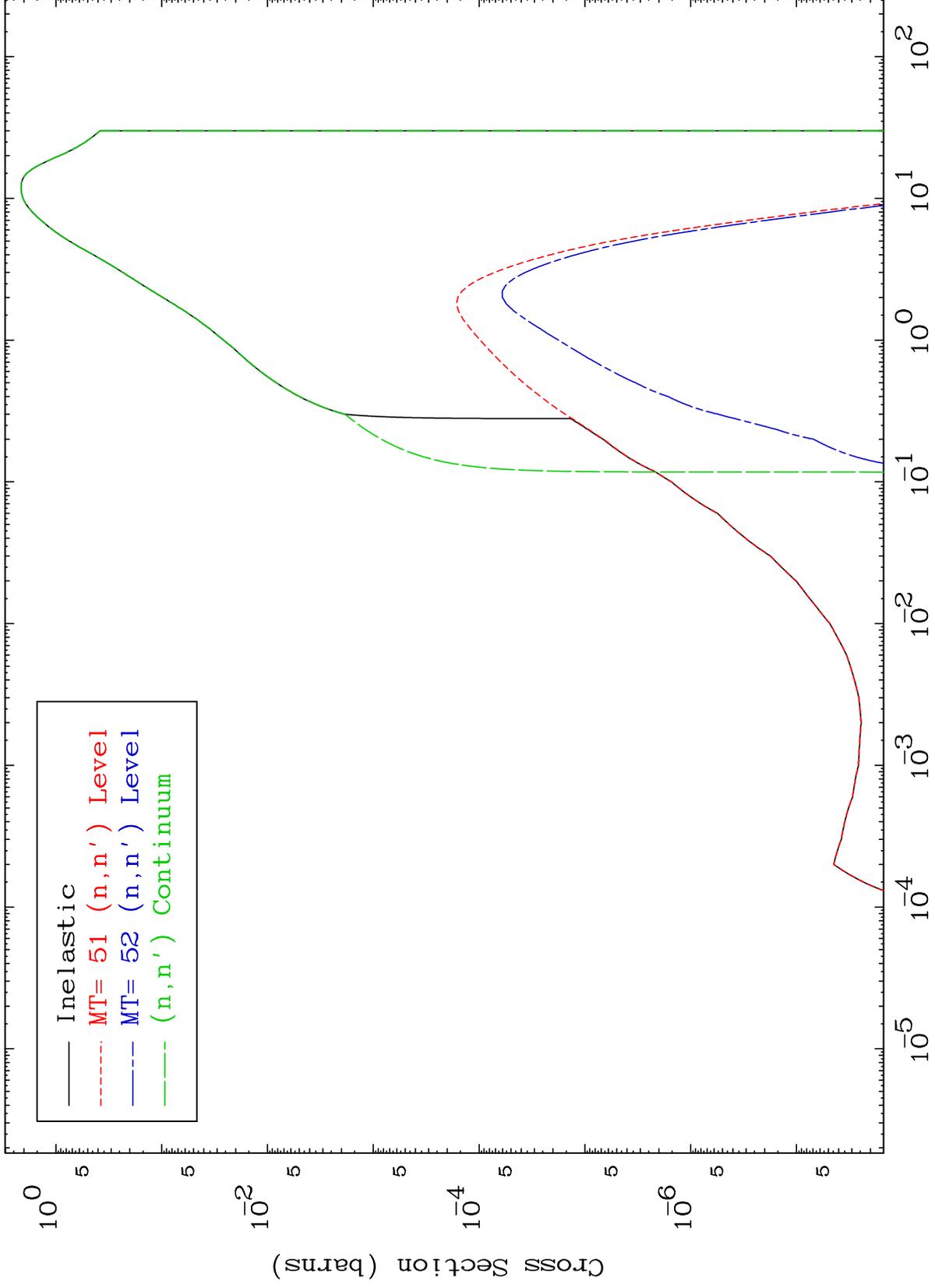


MAT 8517

(n,n') Level

85-At-200

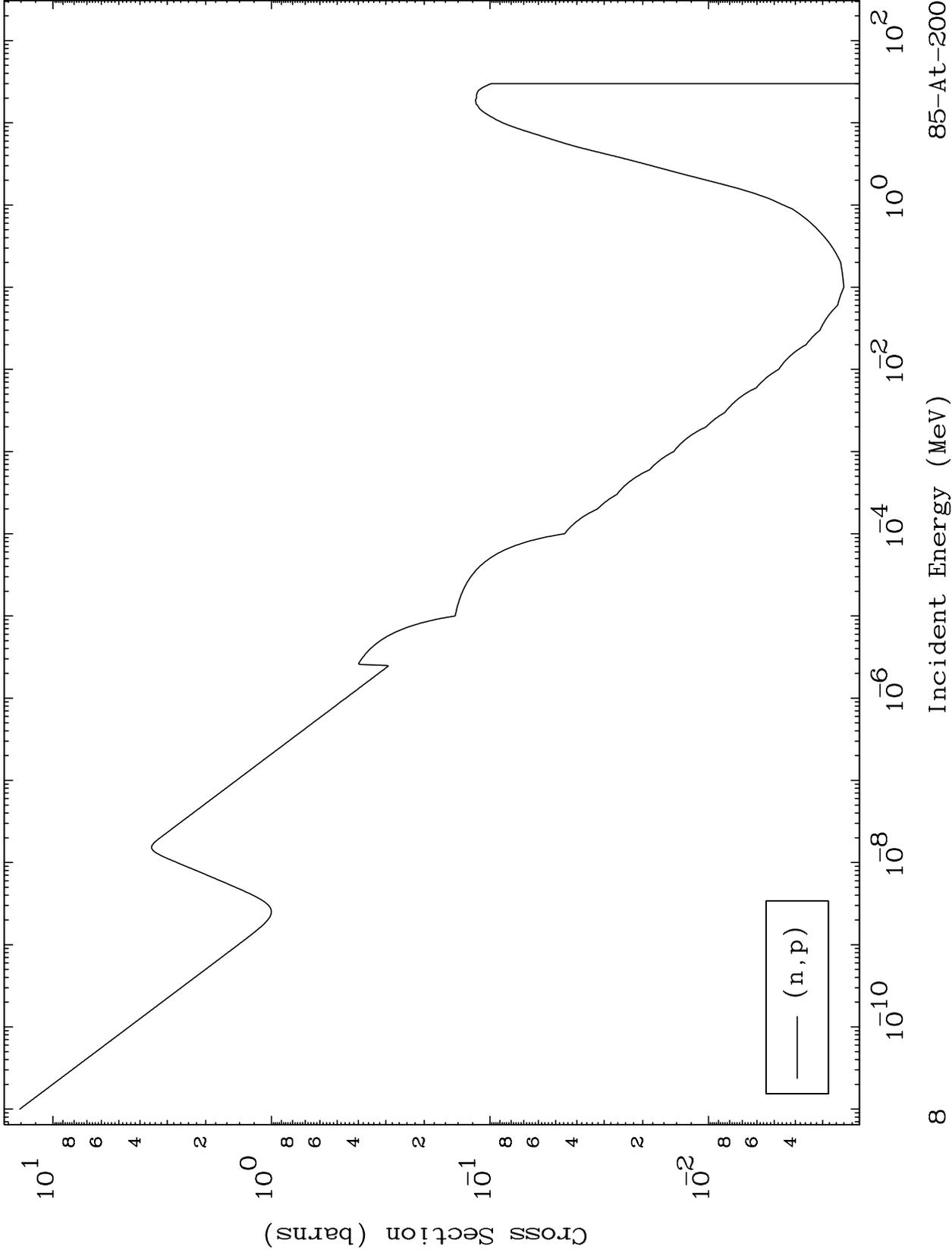
293 Kelvin Cross Sections



MAT 8517

(n,p) Levels
293 Kelvin Cross Sections

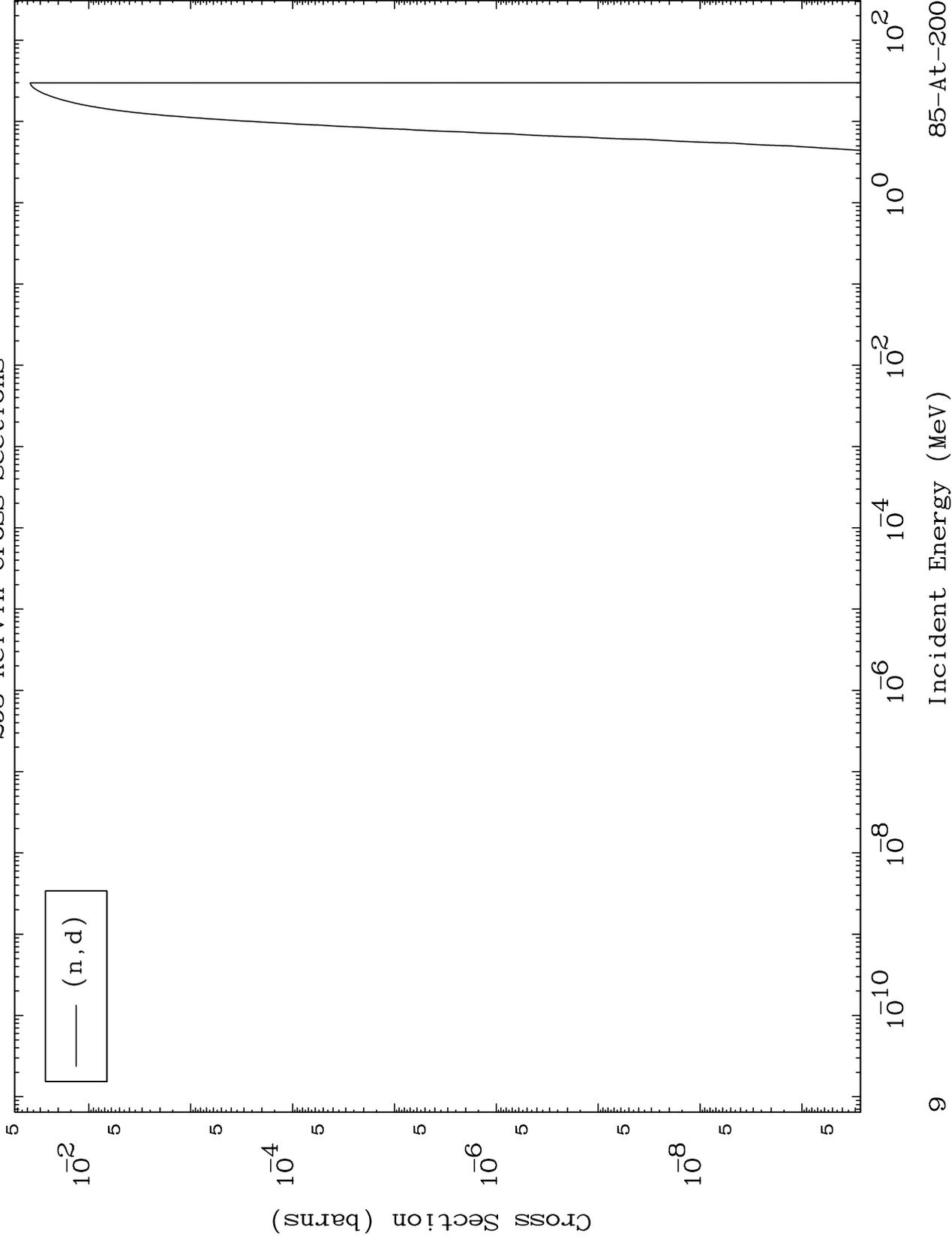
85-At-200



MAT 8517

(n,d) Levels
293 Kelvin Cross Sections

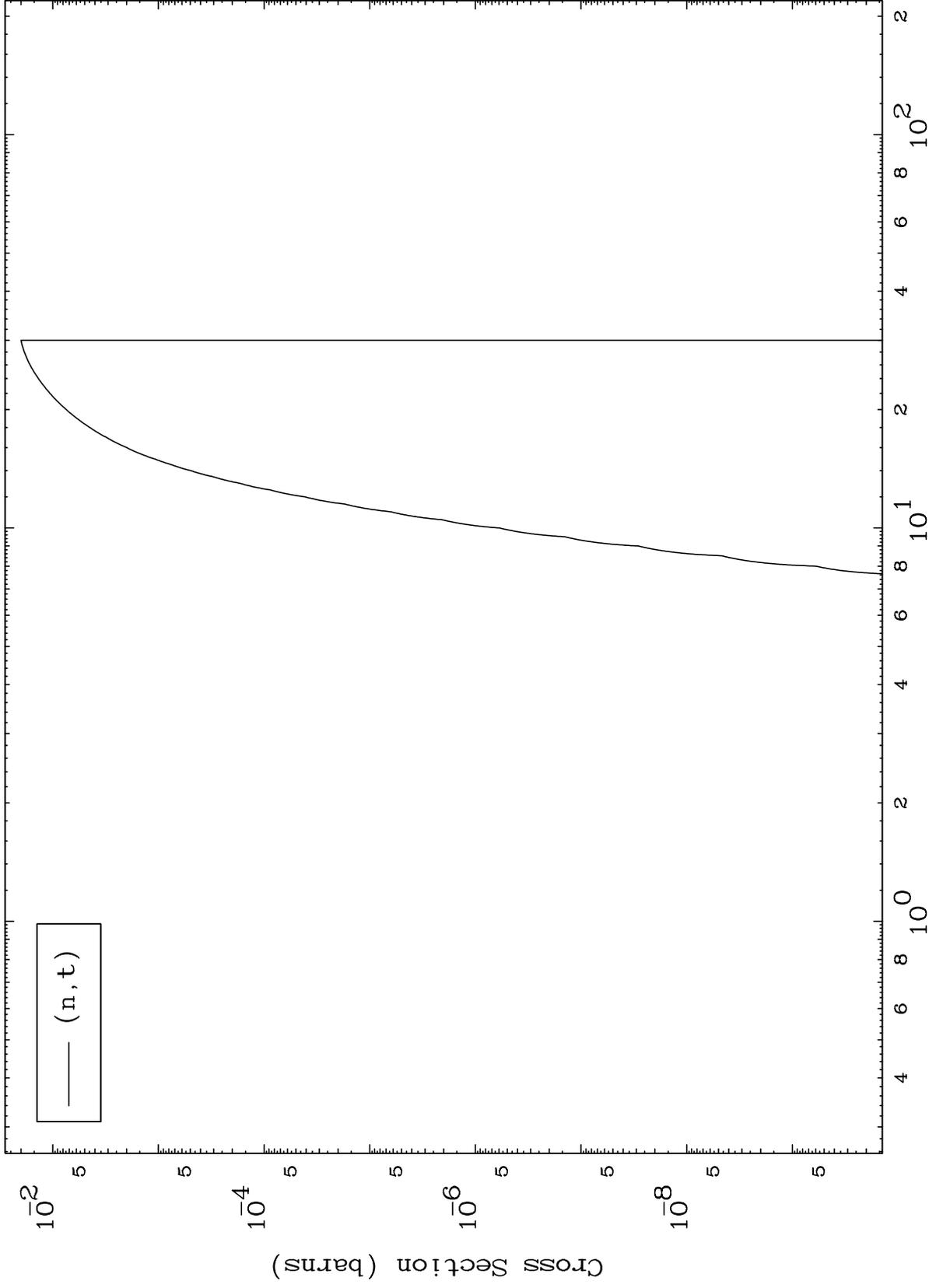
85-At-200



MAT 8517

(n,t) Levels
293 Kelvin Cross Sections

85-At-200



10

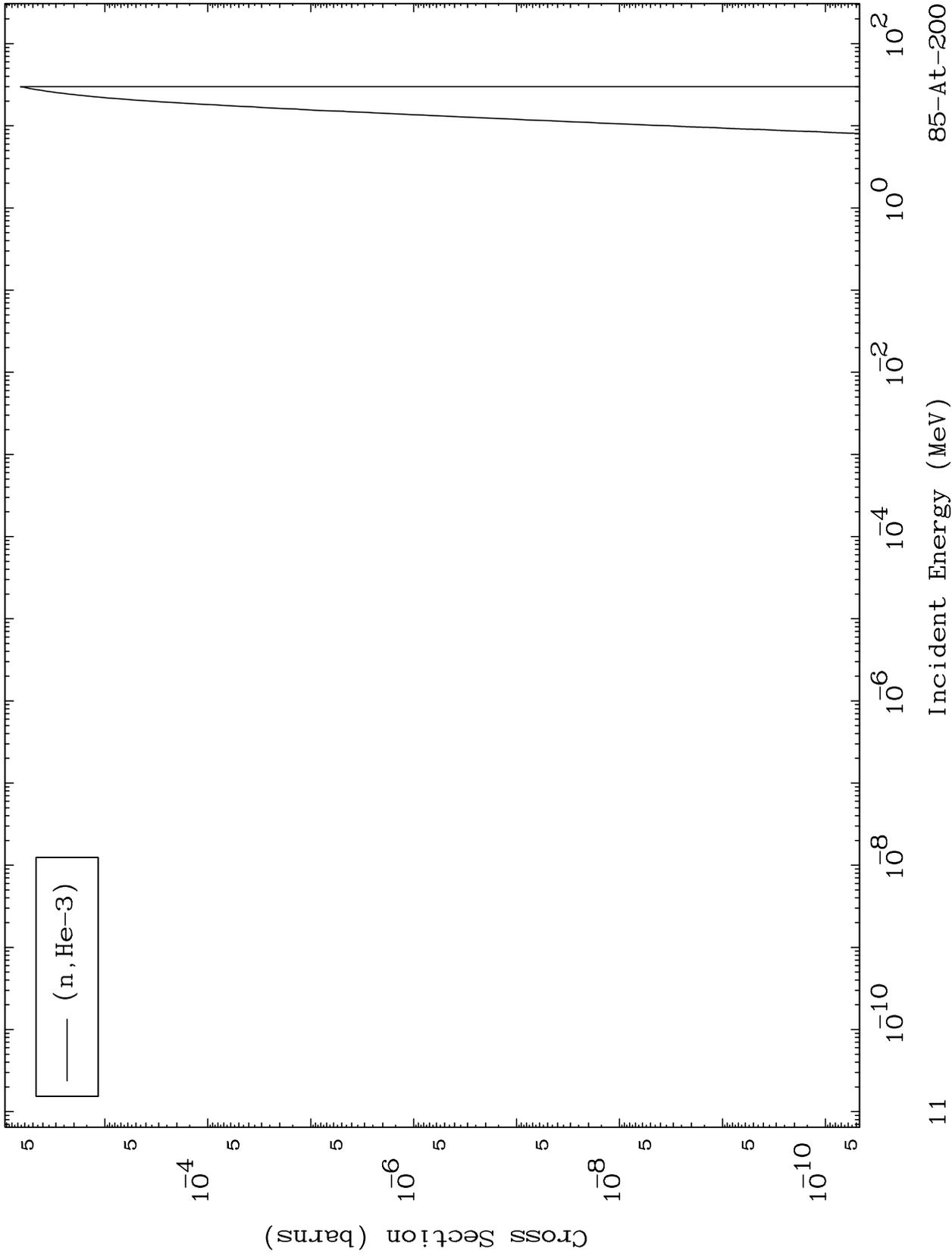
Incident Energy (MeV)

85-At-200

MAT 8517

(n,He3) Levels
293 Kelvin Cross Sections

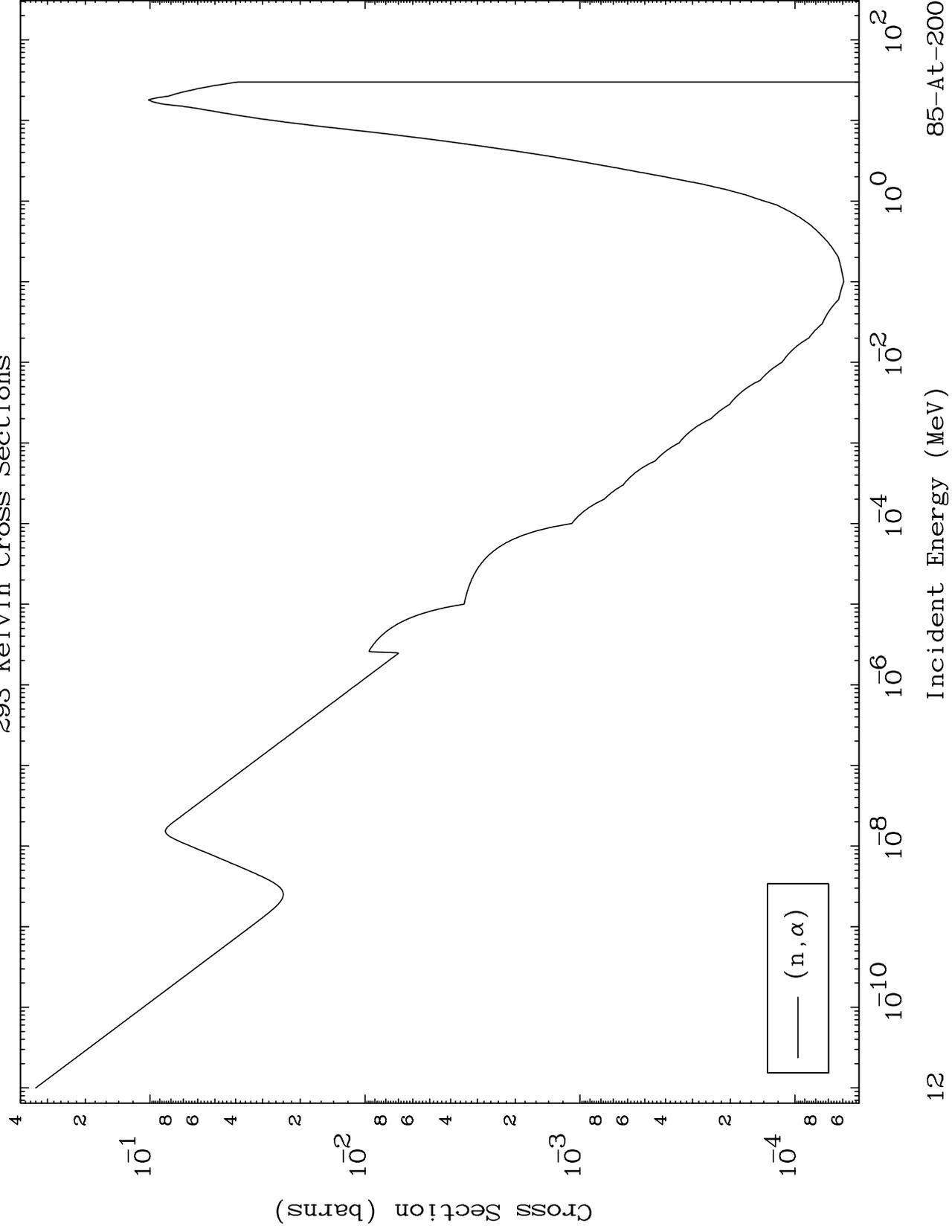
85-At-200



MAT 8517

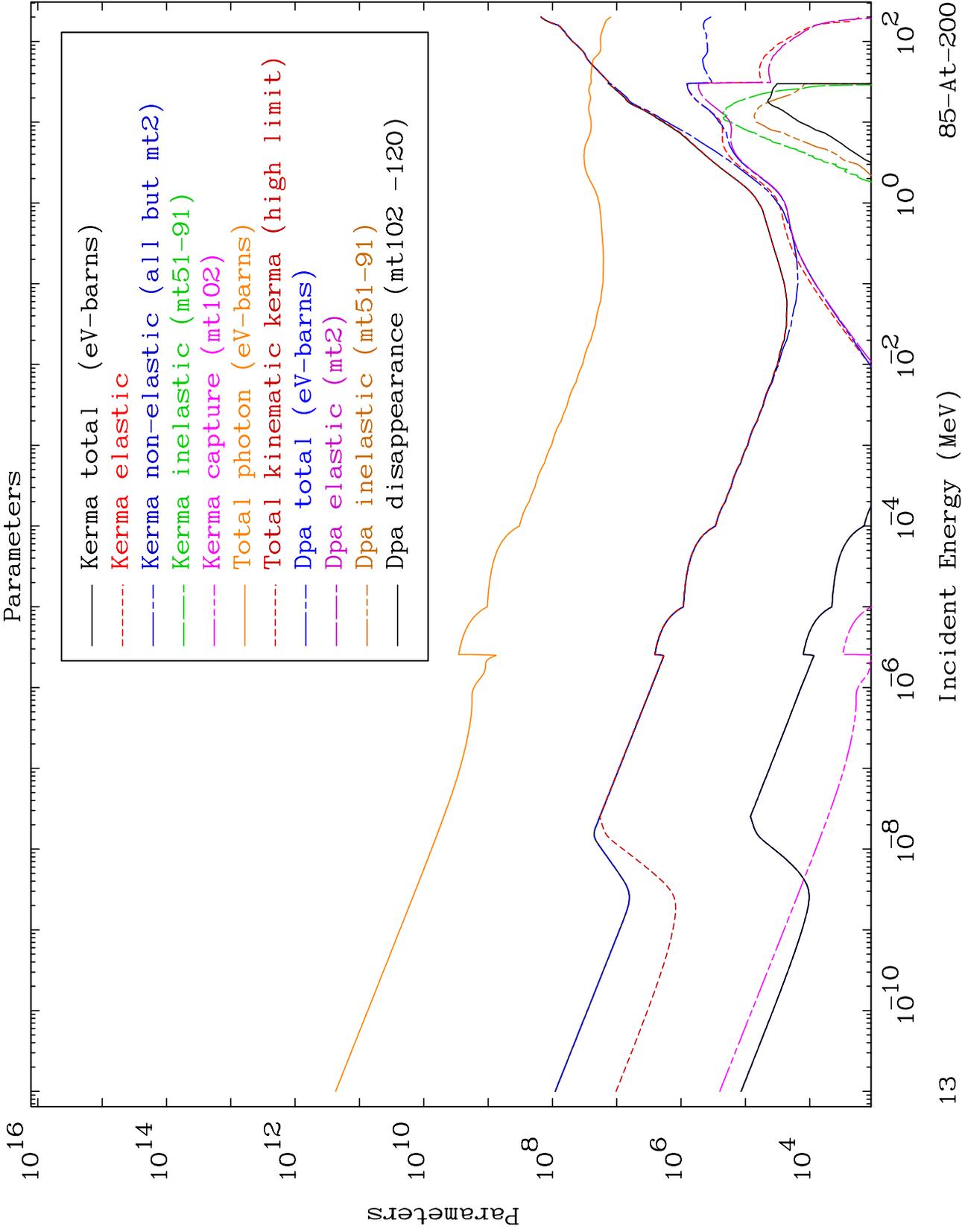
(n,α) Levels
293 Kelvin Cross Sections

85-At-200



12

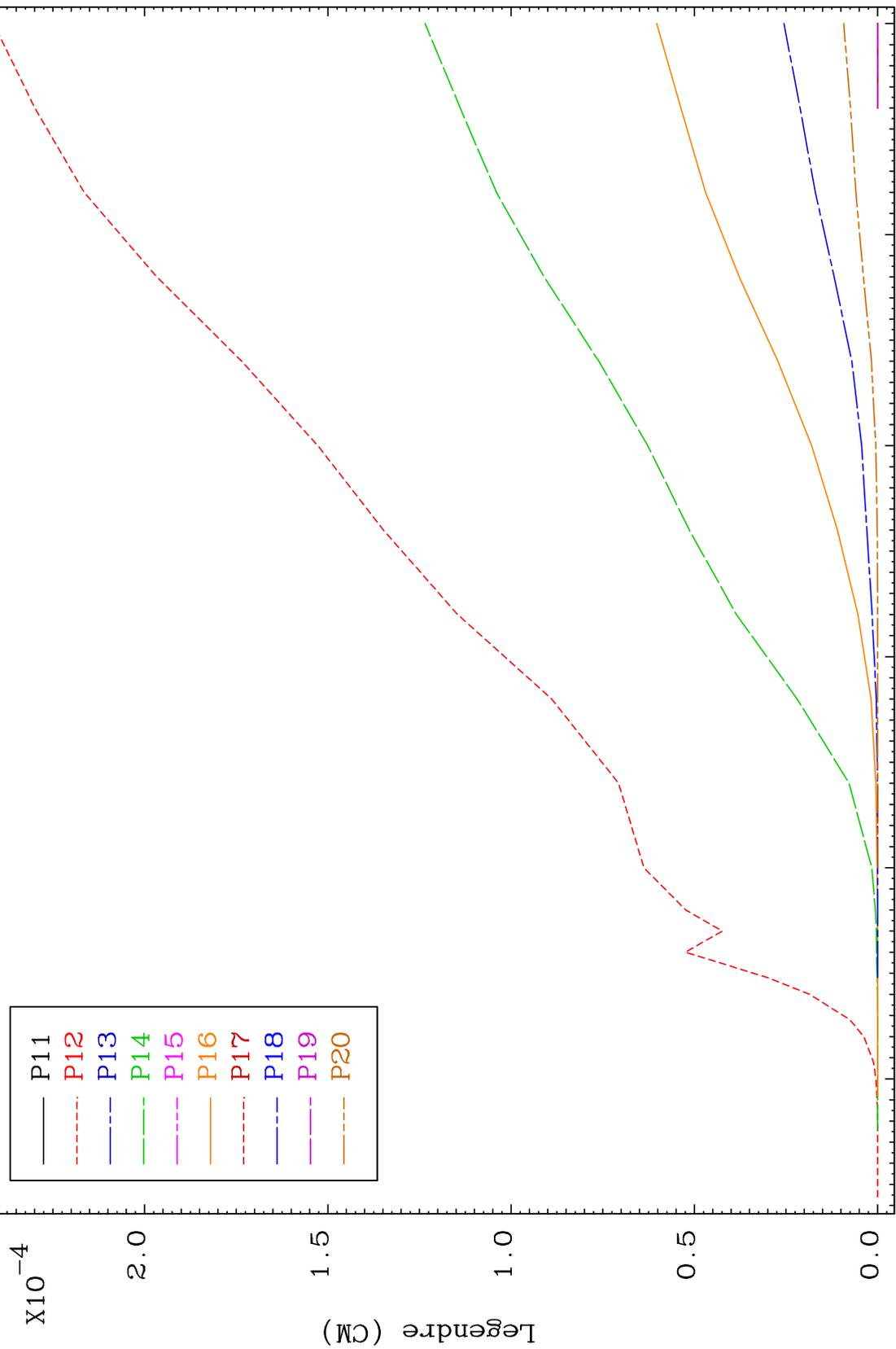
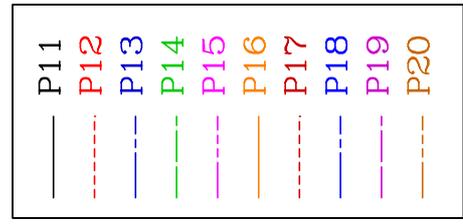
85-At-200



MAT 8517

Elastic Legendre Coefficients

85-At-200



15

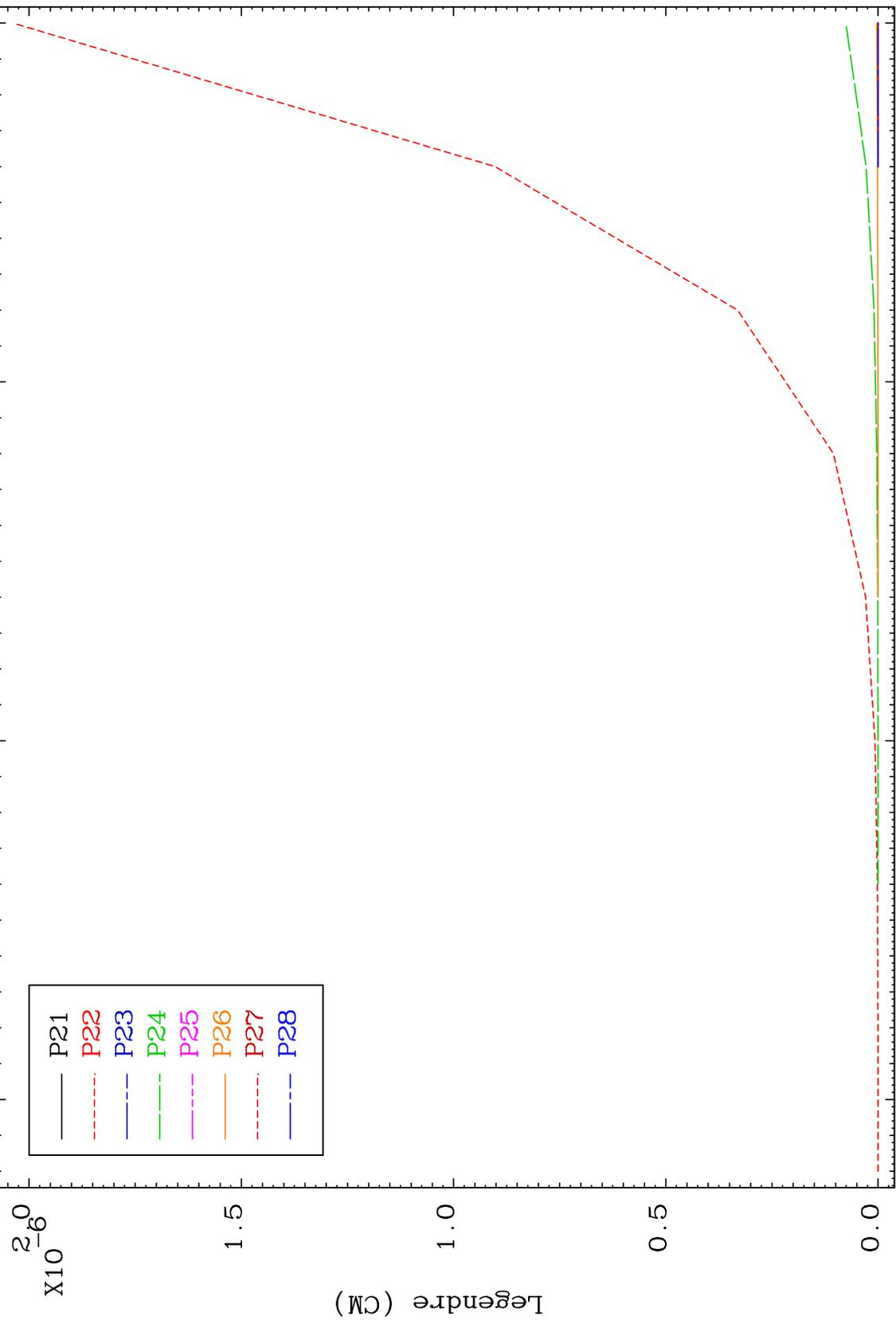
Incident Energy (MeV)

85-At-200

MAT 8517

Elastic
Legendre Coefficients

85-At-200



16

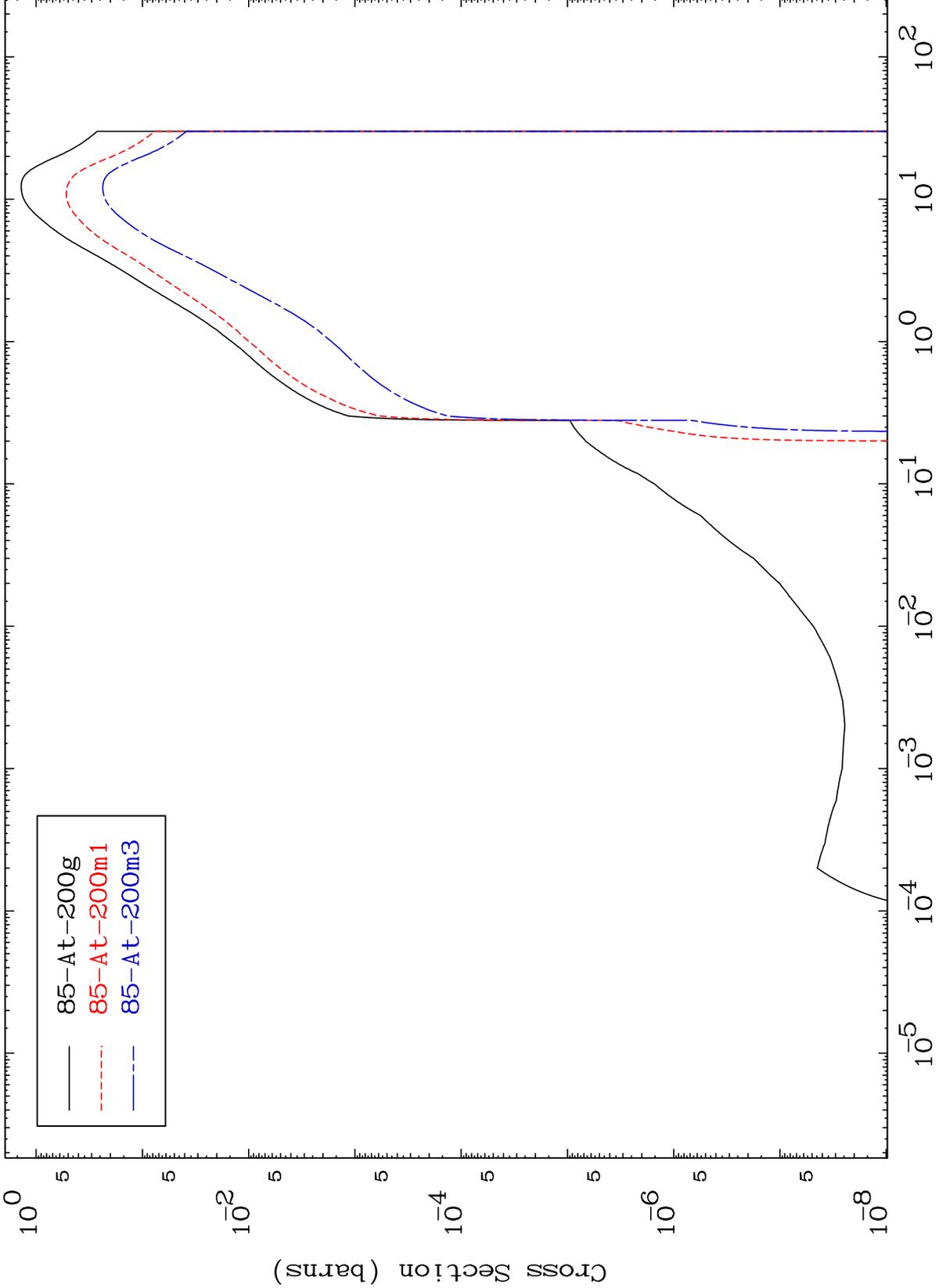
Incident Energy (MeV)

85-At-200

MAT 8517

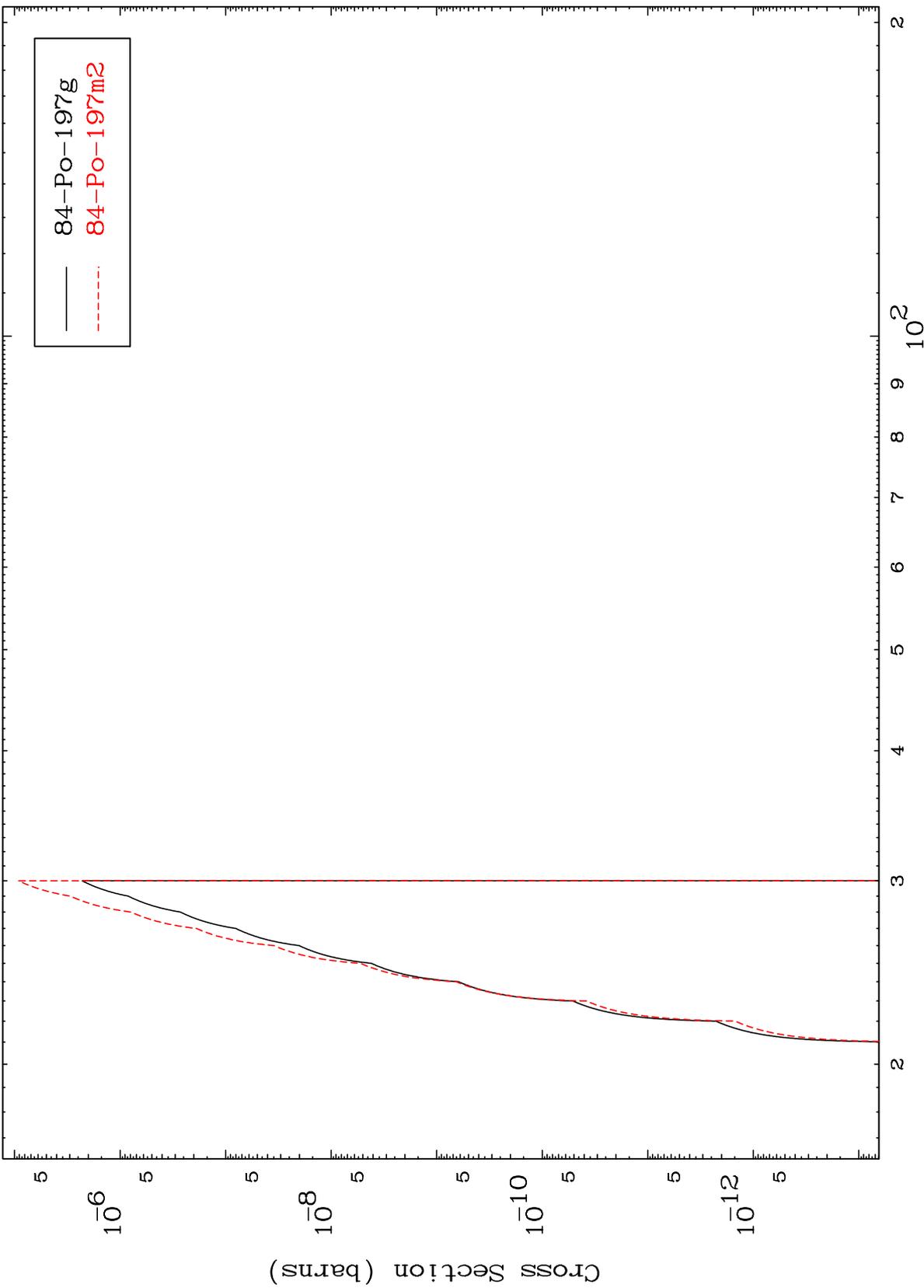
Inelastic
Radionuclide Production Cross Section

85-At-200

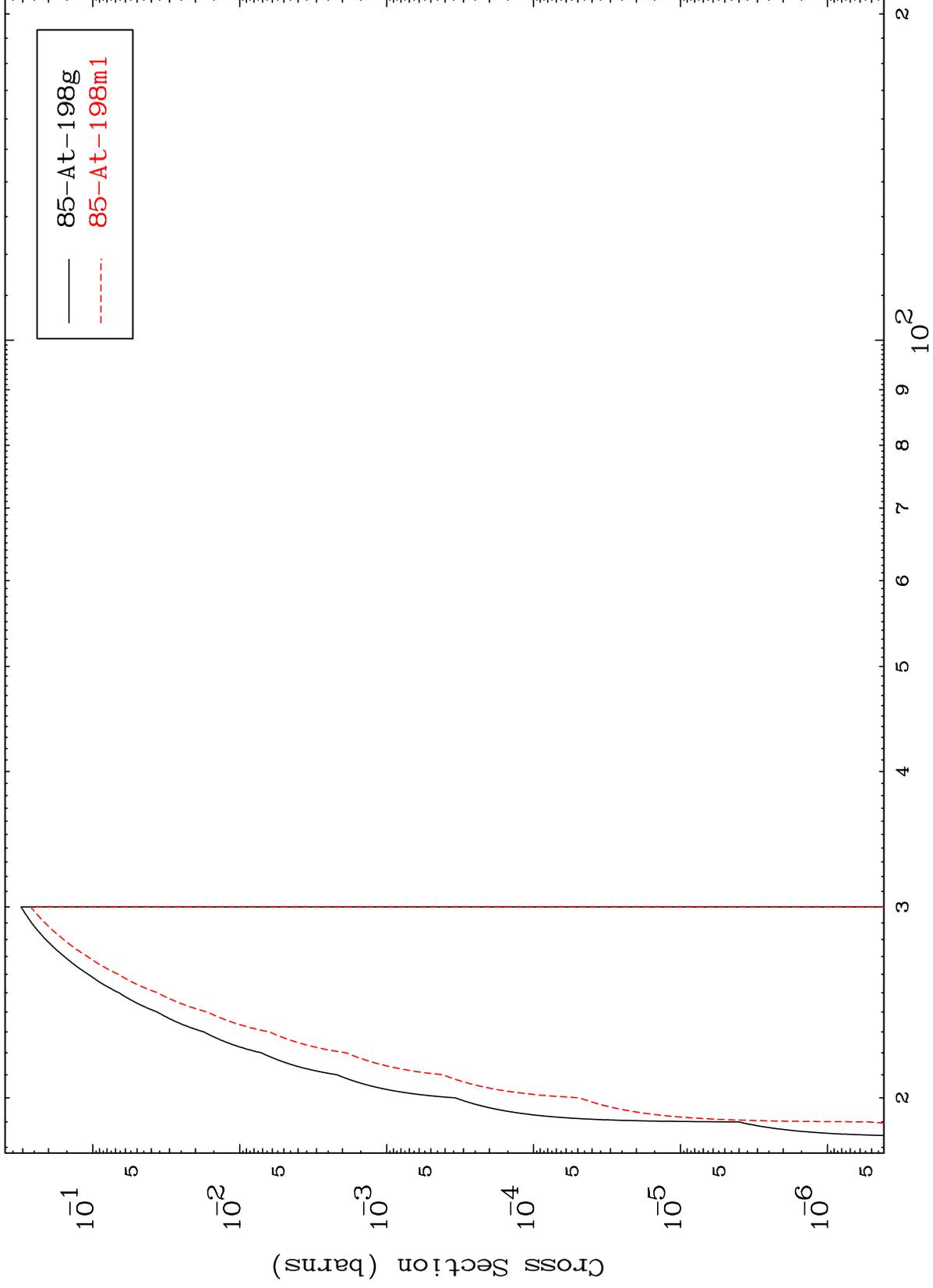


85-At-200g
85-At-200m1
85-At-200m3

Radionuclide Production Cross Section



(n,3n)
Radionuclide Production Cross Section

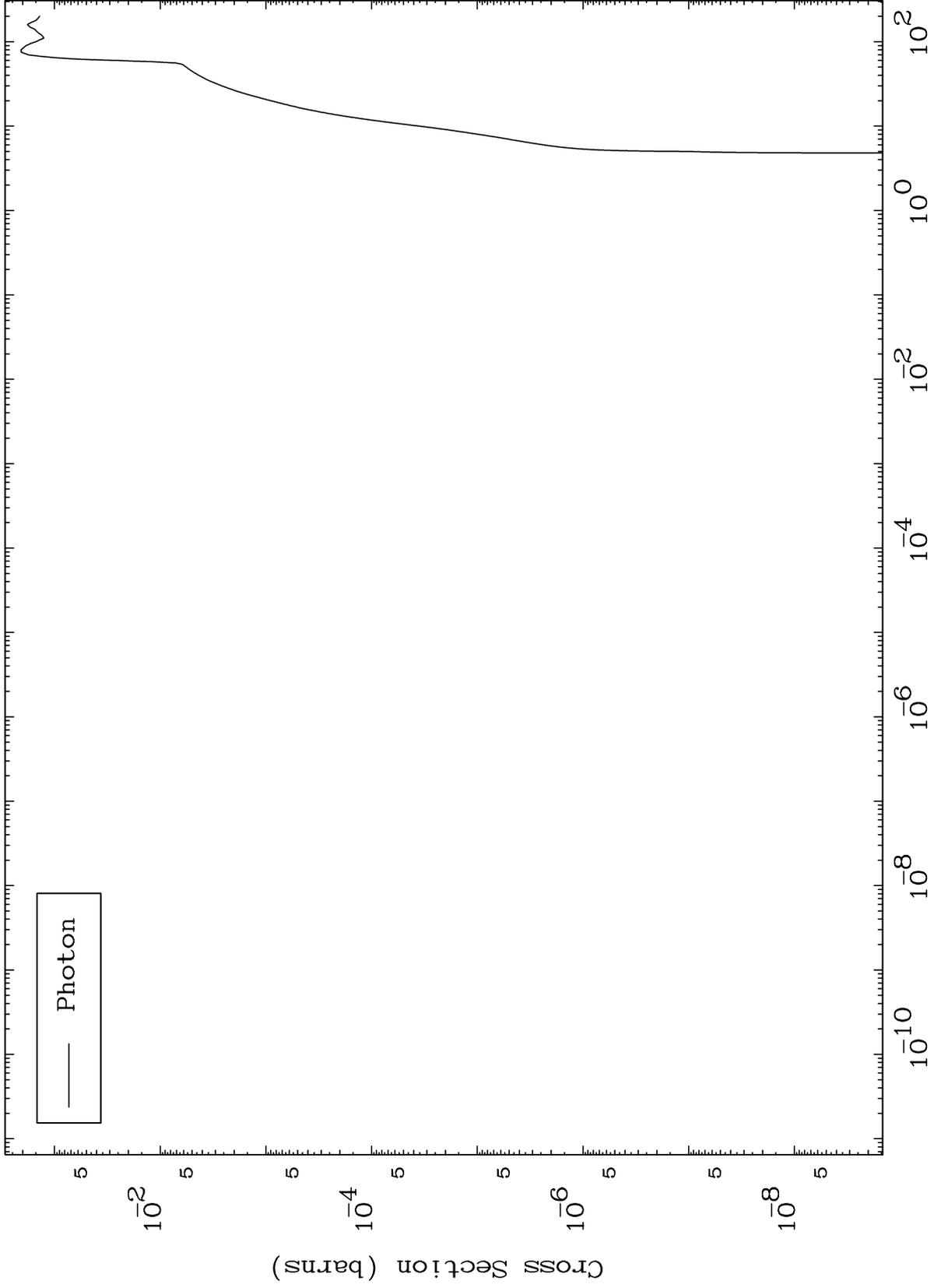


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Fission

85-At-200

Radionuclide Production Cross Section



20

Incident Energy (MeV)

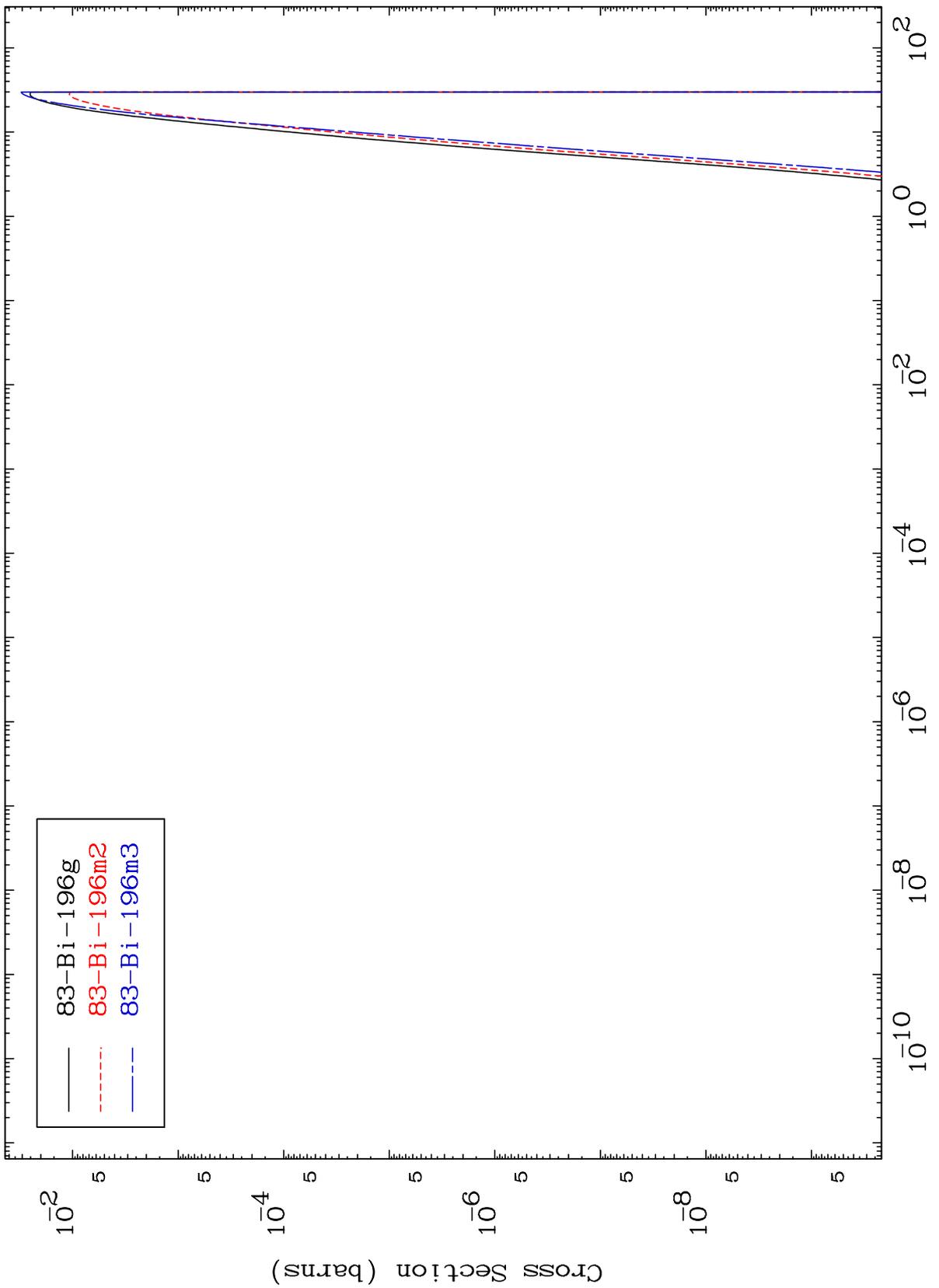
85-At-200

MAT 8517

$(n, n') \alpha$

85-At-200

Radionuclide Production Cross Section

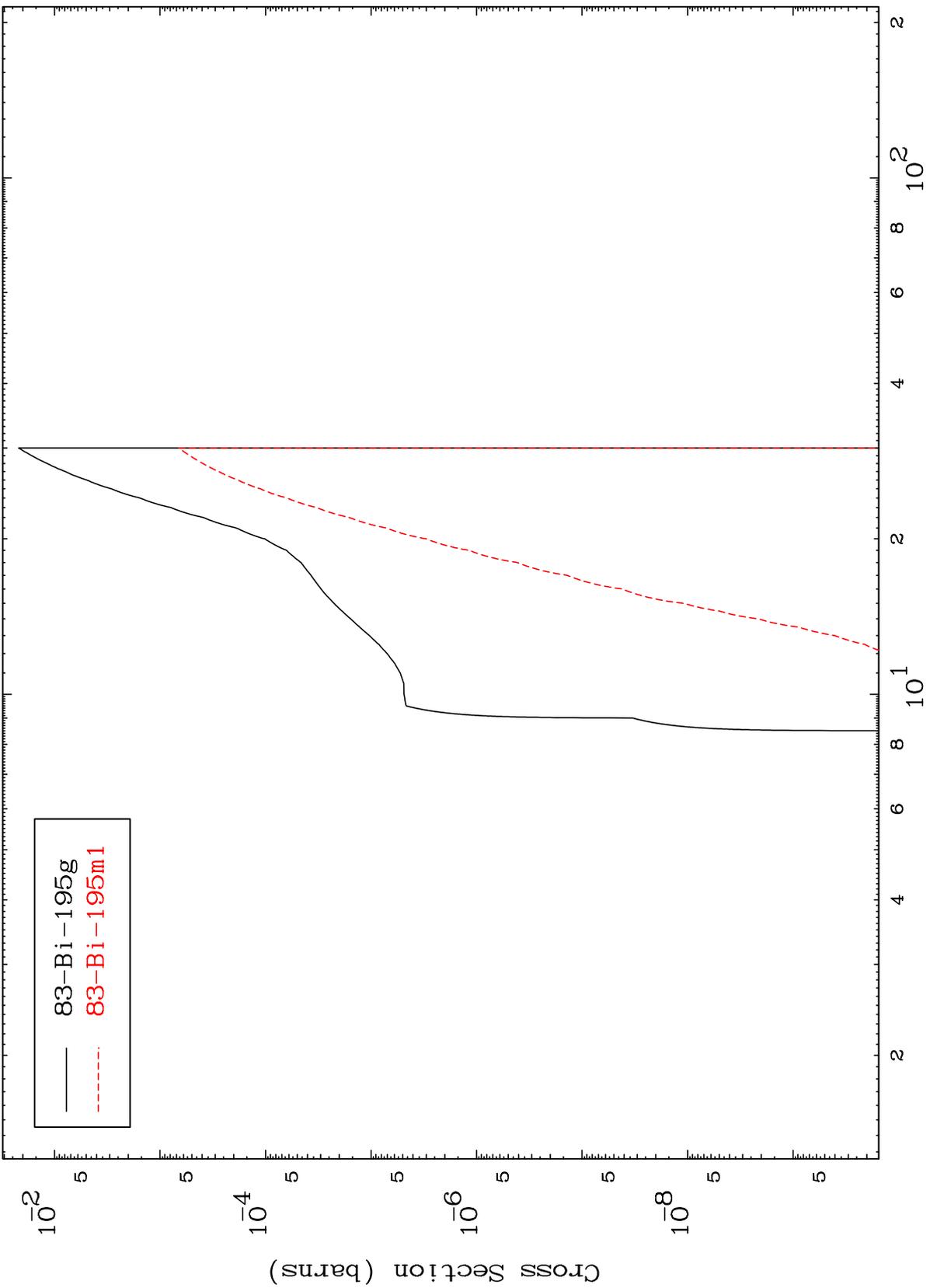


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(n,2n) α

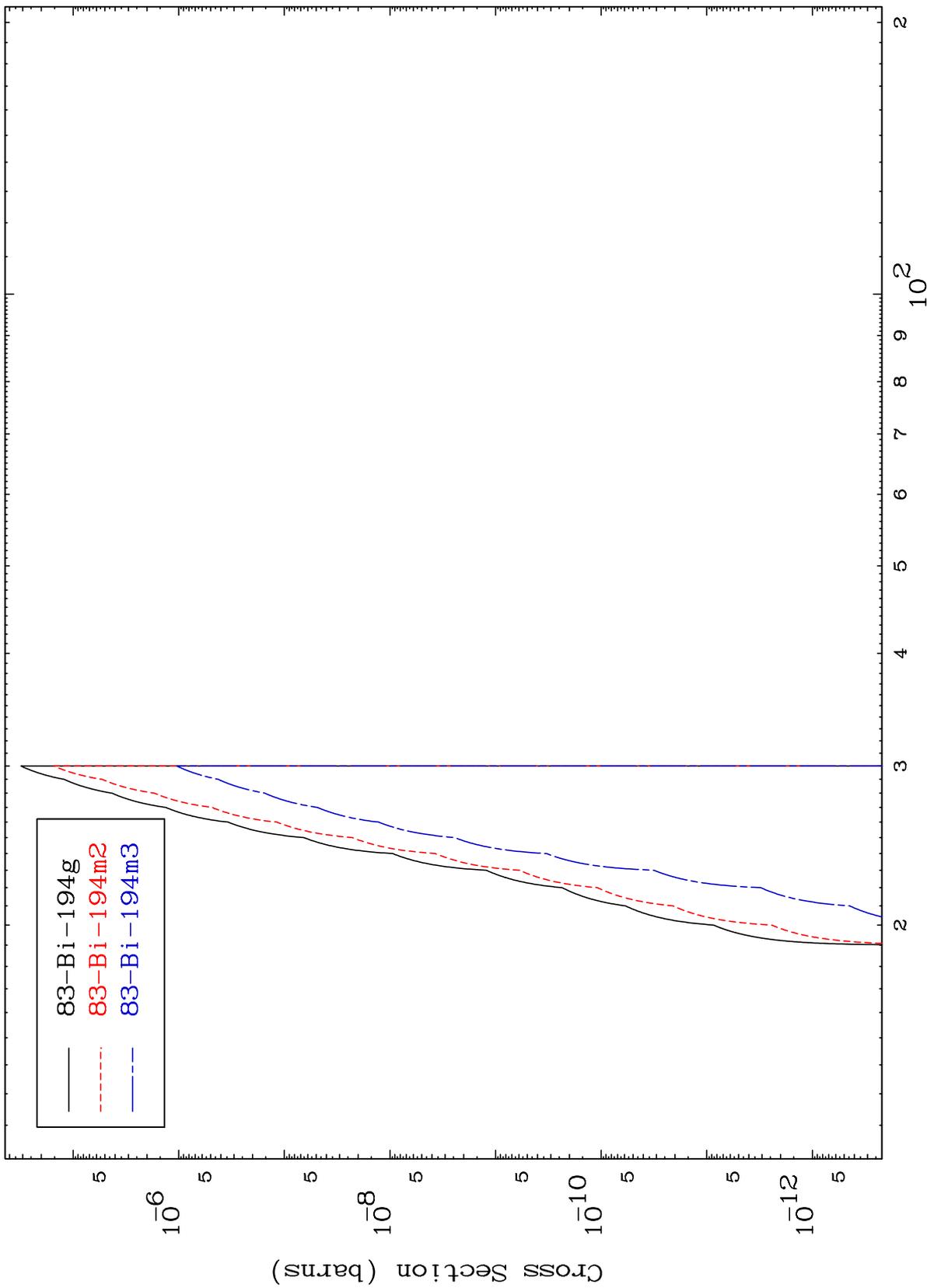
85-At-200

Radionuclide Production Cross Section



83-Bi-195g
83-Bi-195m1

Radionuclide Production Cross Section

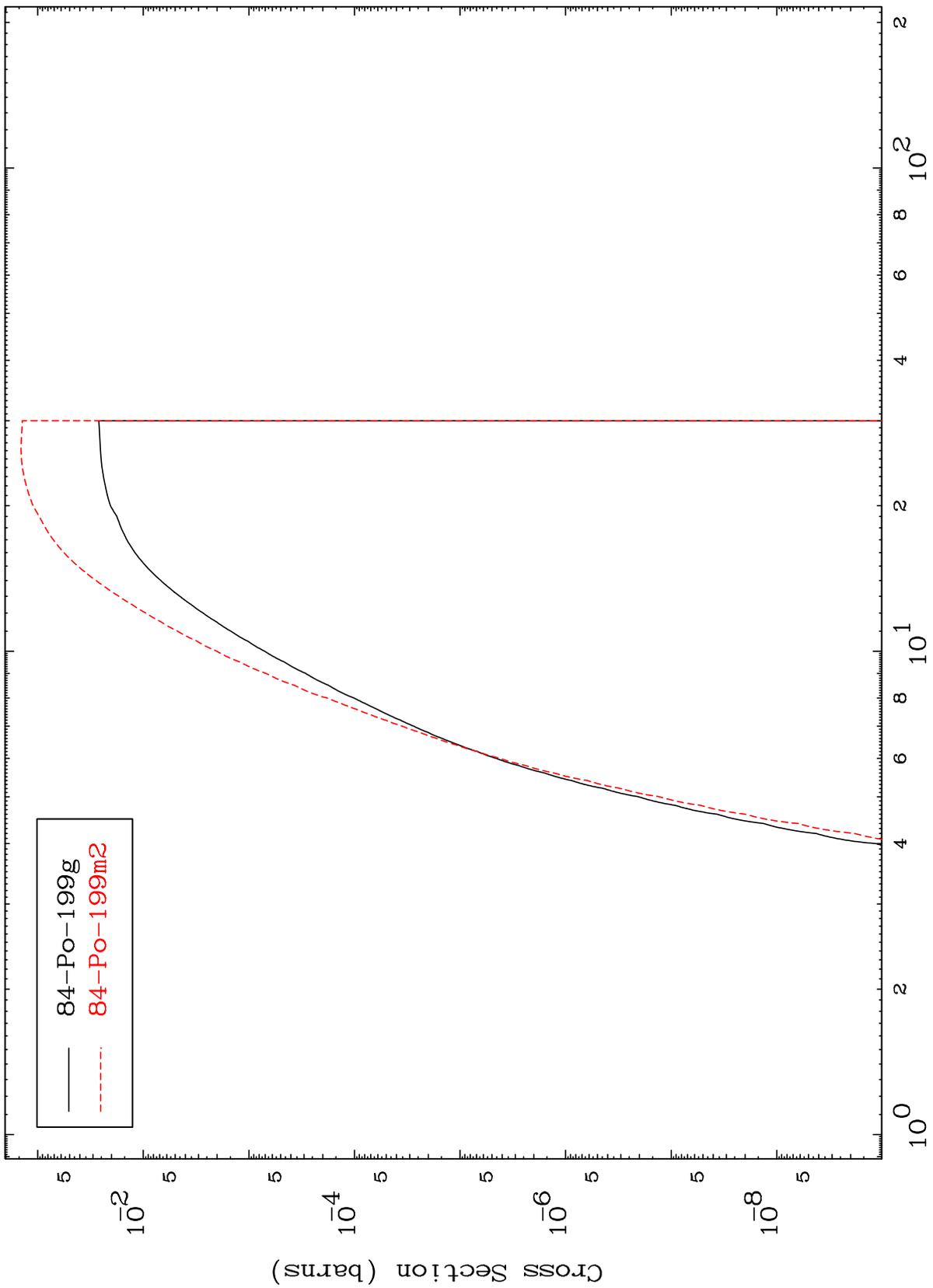


MAT 8517

(n,n') p

85-At-200

Radionuclide Production Cross Section



24

Incident Energy (MeV)

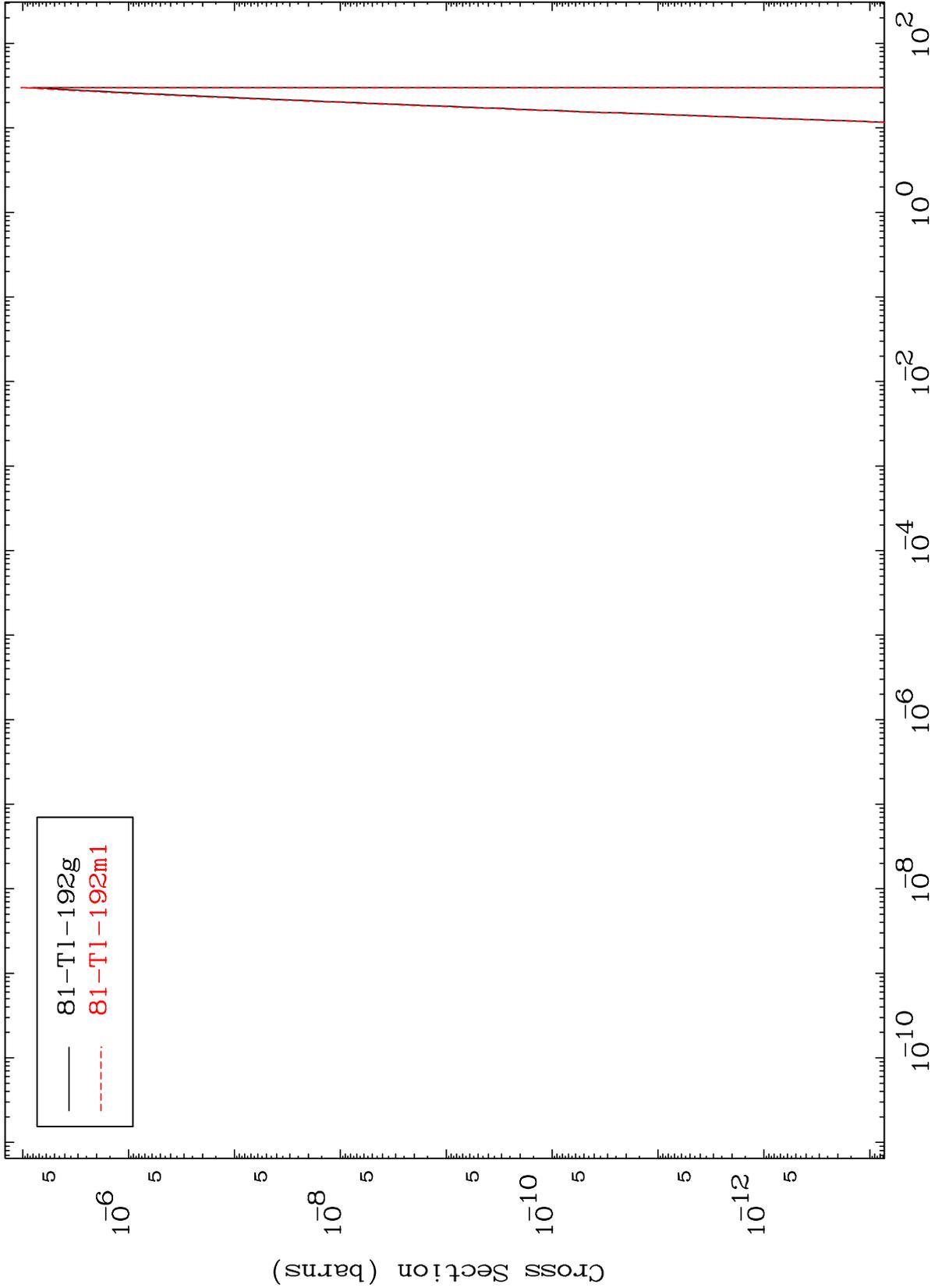
85-At-200

MAT 8517

(n,n') 2α

85-At-200

Radionuclide Production Cross Section



25

Incident Energy (MeV)

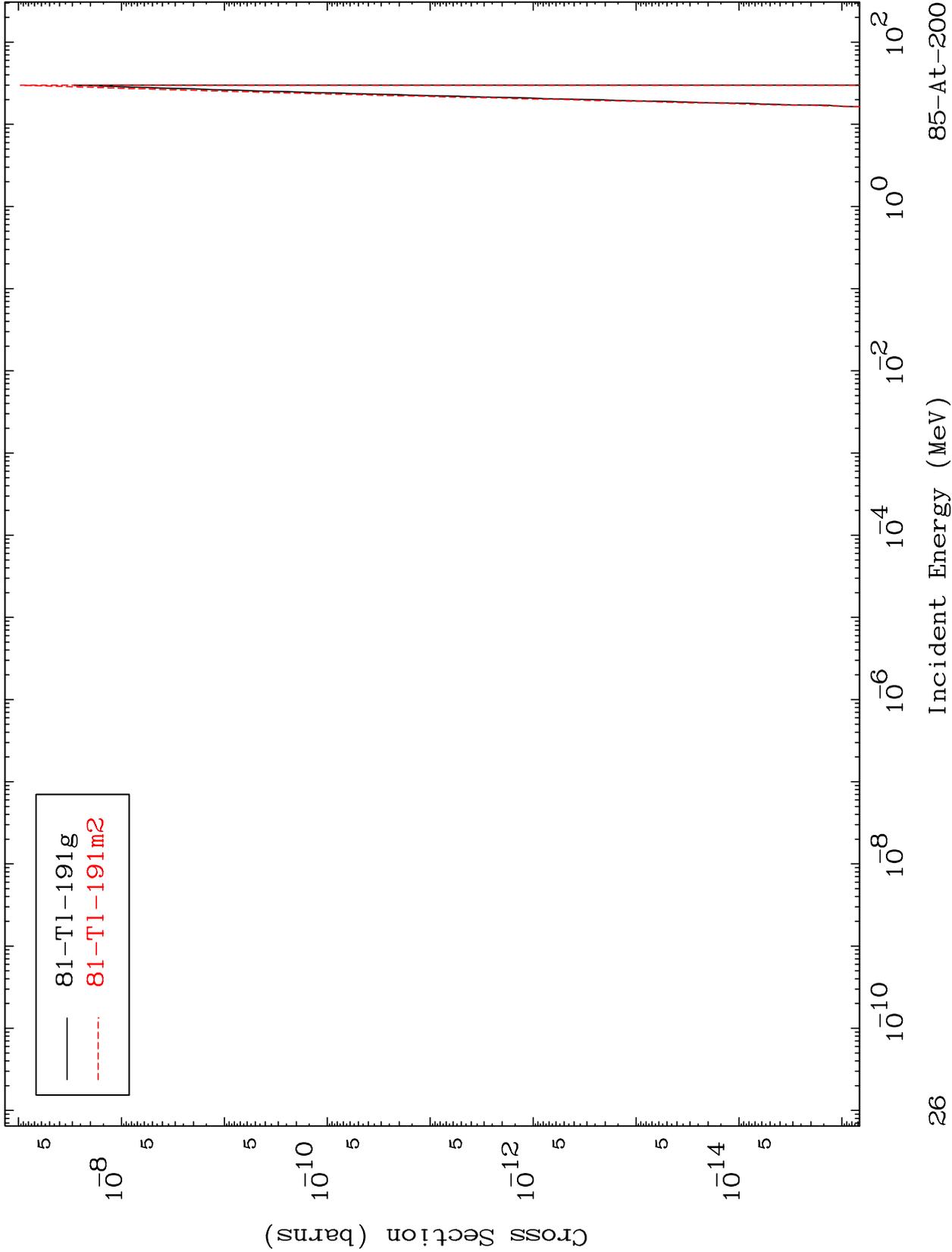
85-At-200

MAT 8517

(n,2n) 2α

85-At-200

Radionuclide Production Cross Section

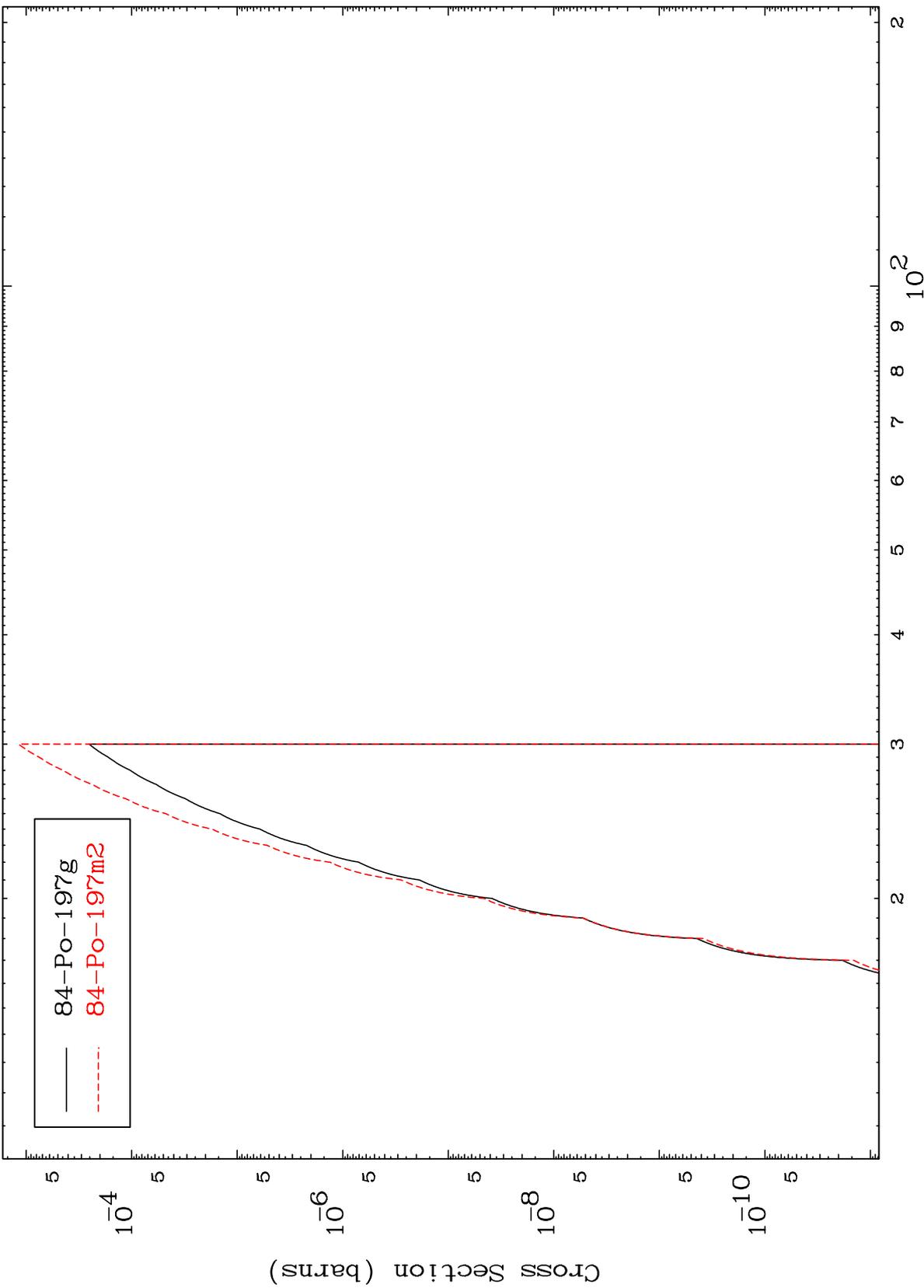


MAT 8517

(n,n') t

85-At-200

Radionuclide Production Cross Section



27

Incident Energy (MeV)

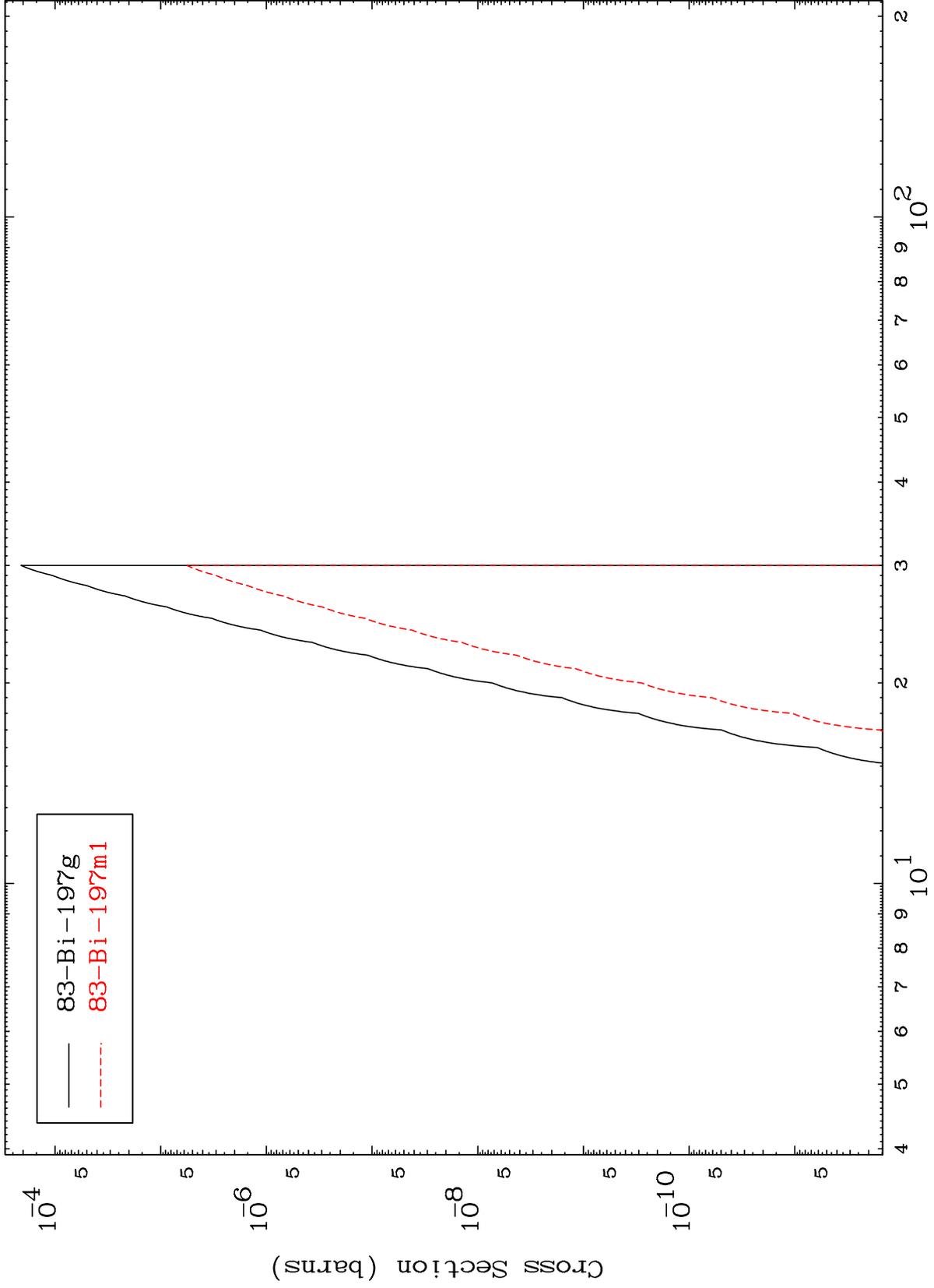
85-At-200

MAT 8517

(n,n') He-3

85-At-200

Radionuclide Production Cross Section



28

Incident Energy (MeV)

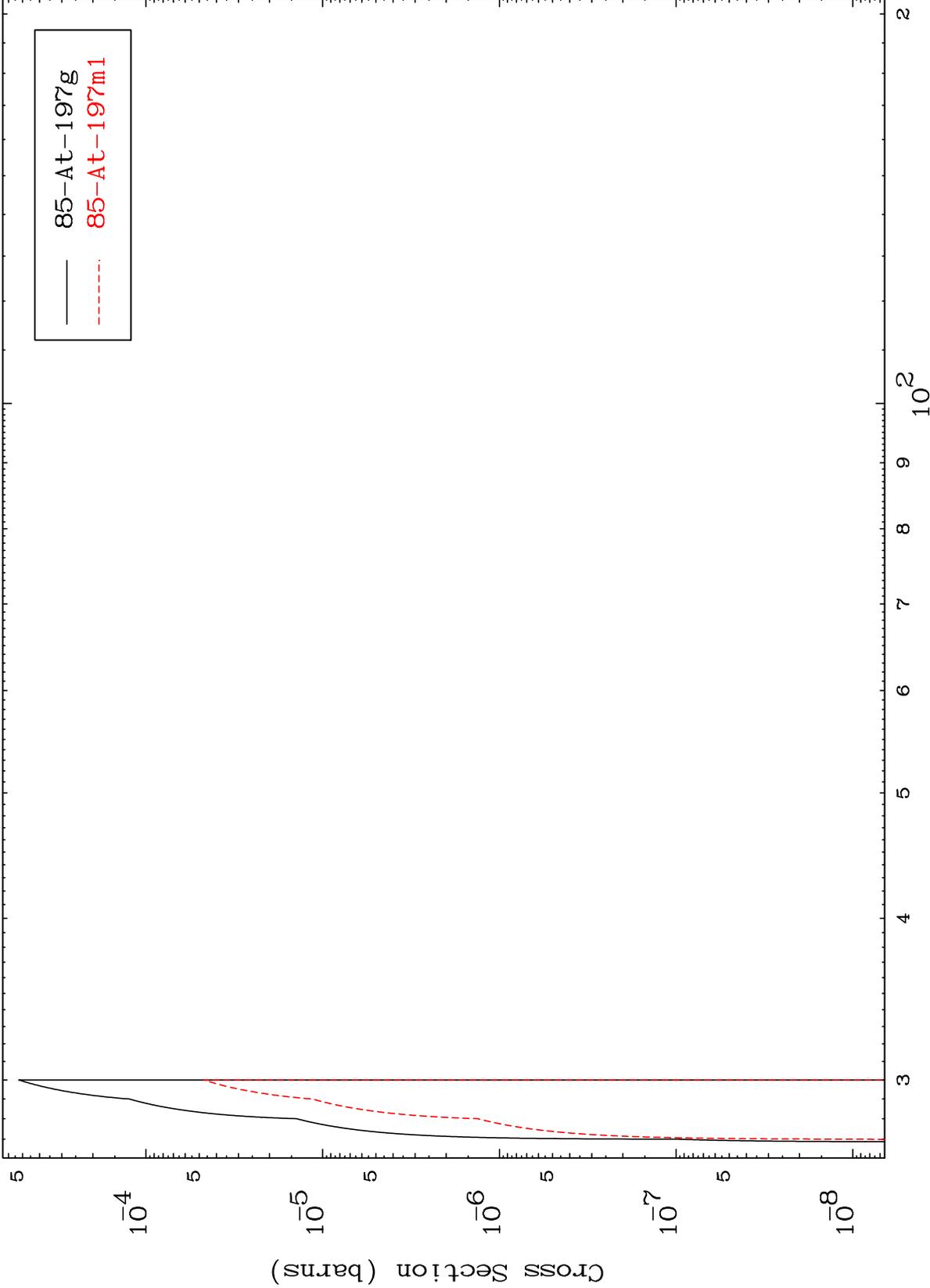
85-At-200

MAT 8517

(n,4n)

85-At-200

Radionuclide Production Cross Section



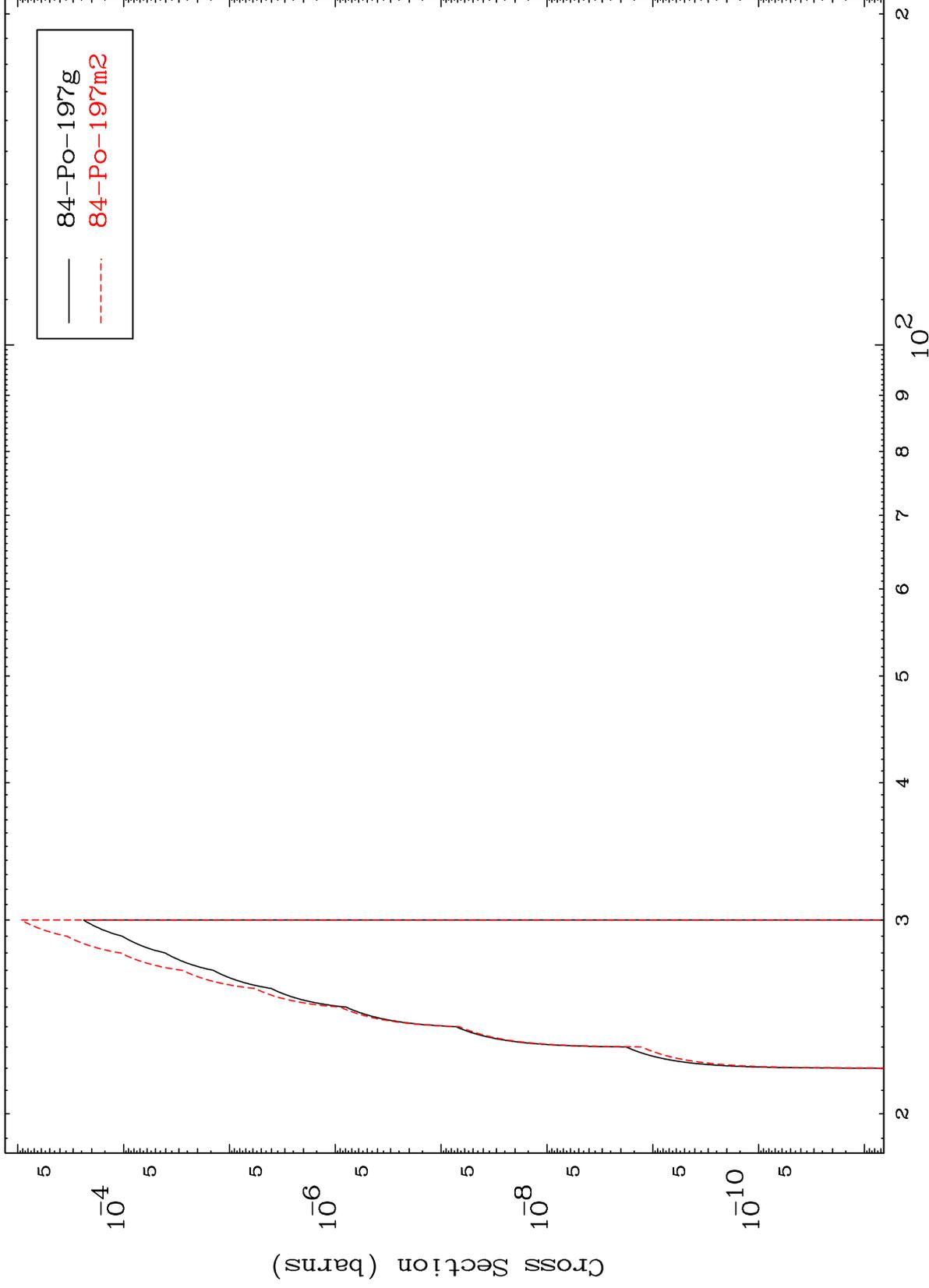
85-At-197g
85-At-197m1

MAT 8517

(n,3n) p

85-At-200

Radionuclide Production Cross Section



30

Incident Energy (MeV)

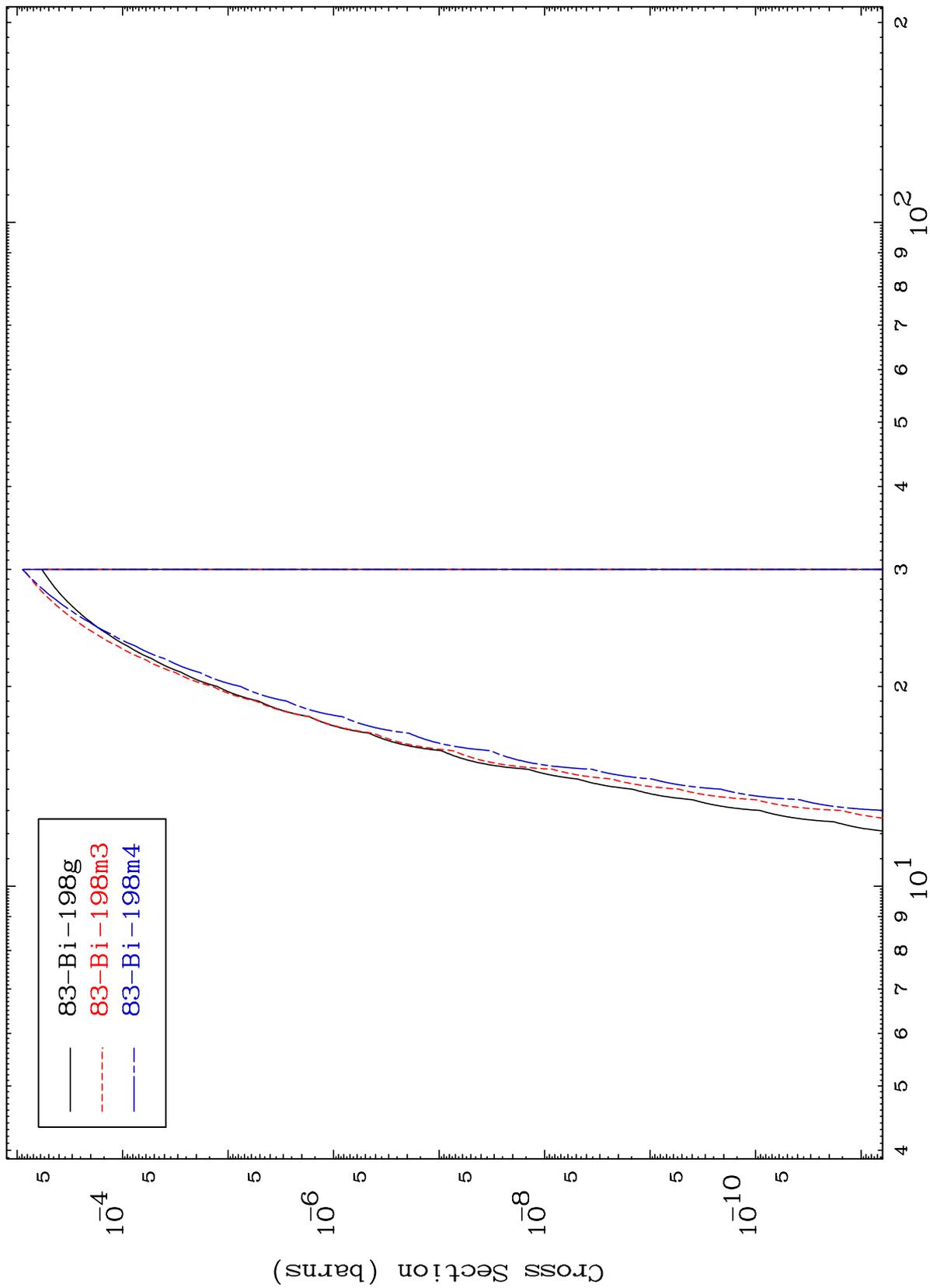
85-At-200

MAT 8517

(n,2n) p

85-At-200

Radionuclide Production Cross Section



31

Incident Energy (MeV)

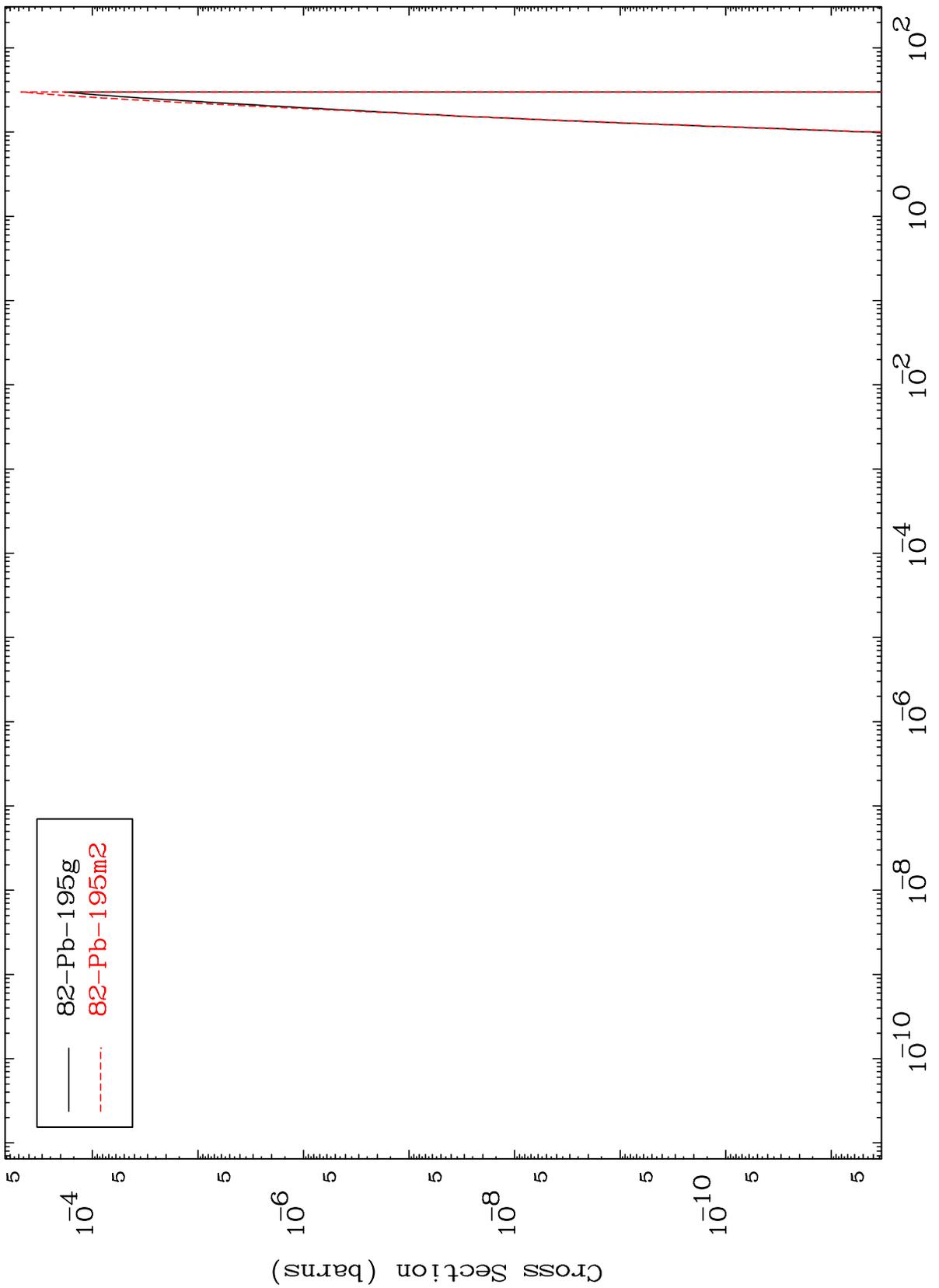
85-At-200

MAT 8517

(n,n') p α

85-At-200

Radionuclide Production Cross Section



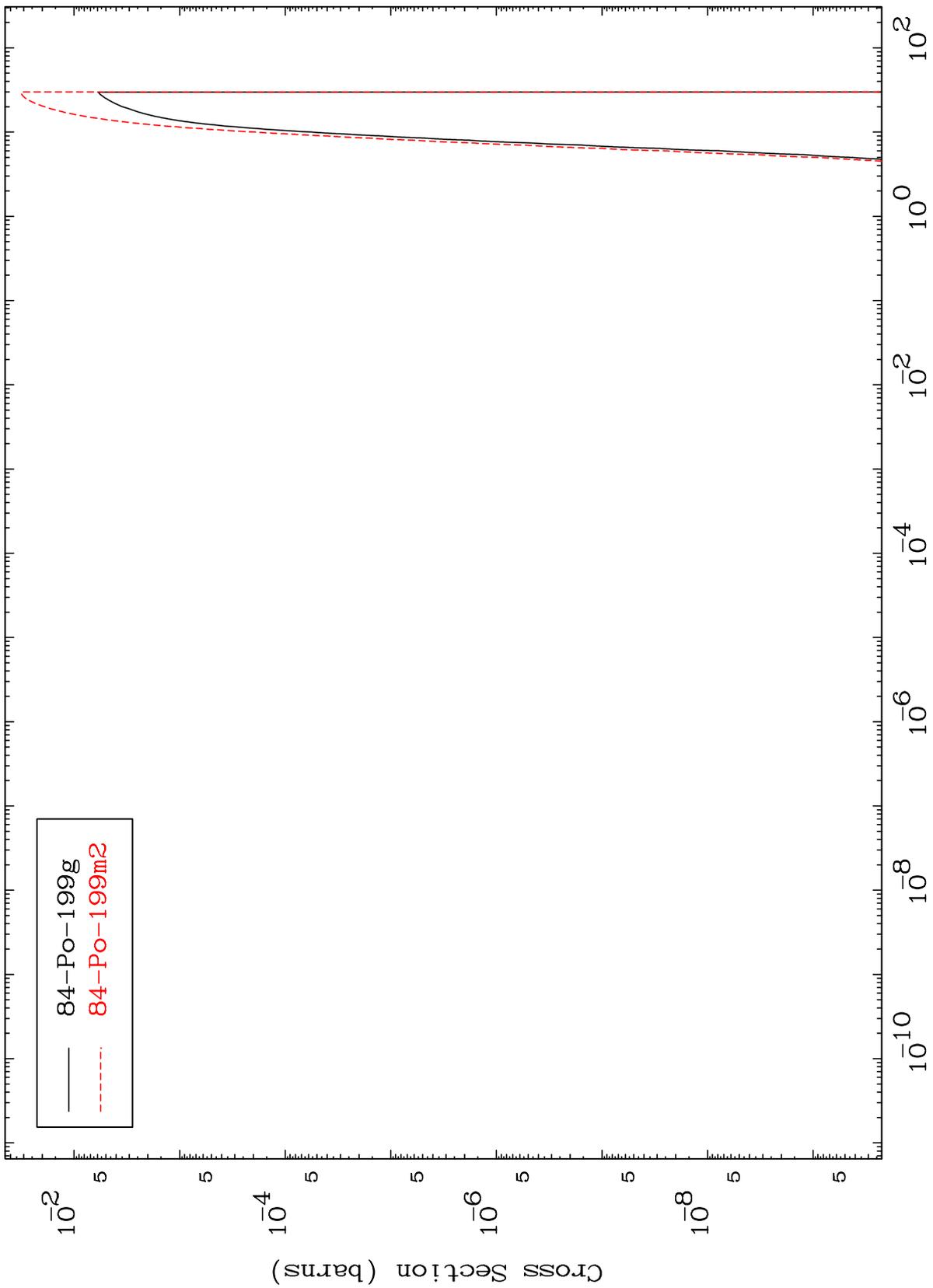
82-Pb-195g
82-Pb-195m2

MAT 8517

(n,d)

85-At-200

Radionuclide Production Cross Section

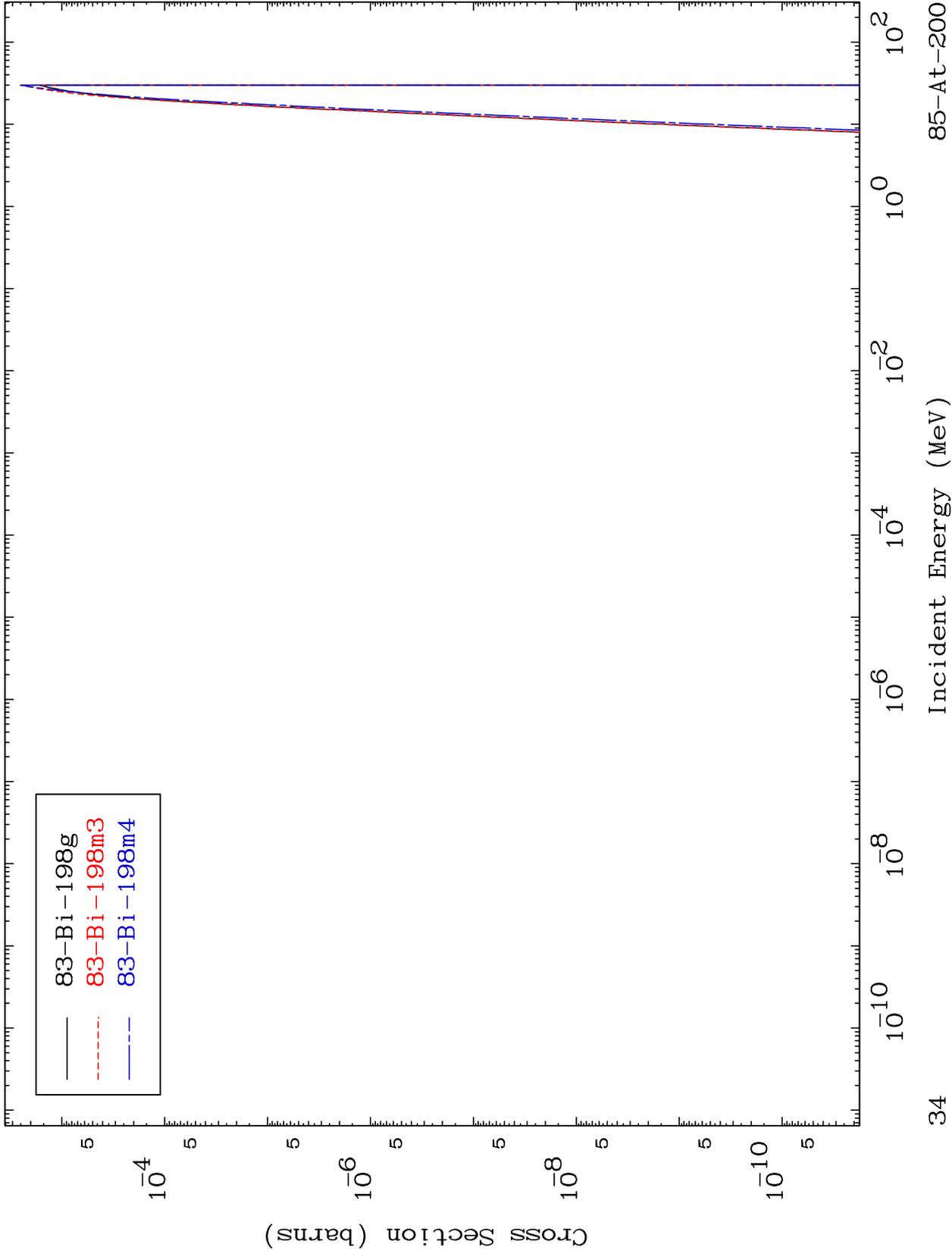


MAT 8517

(n,He-3)

85-At-200

Radionuclide Production Cross Section



MAT 8517

85-At-200

Radionuclide Production Cross Section (n,α)



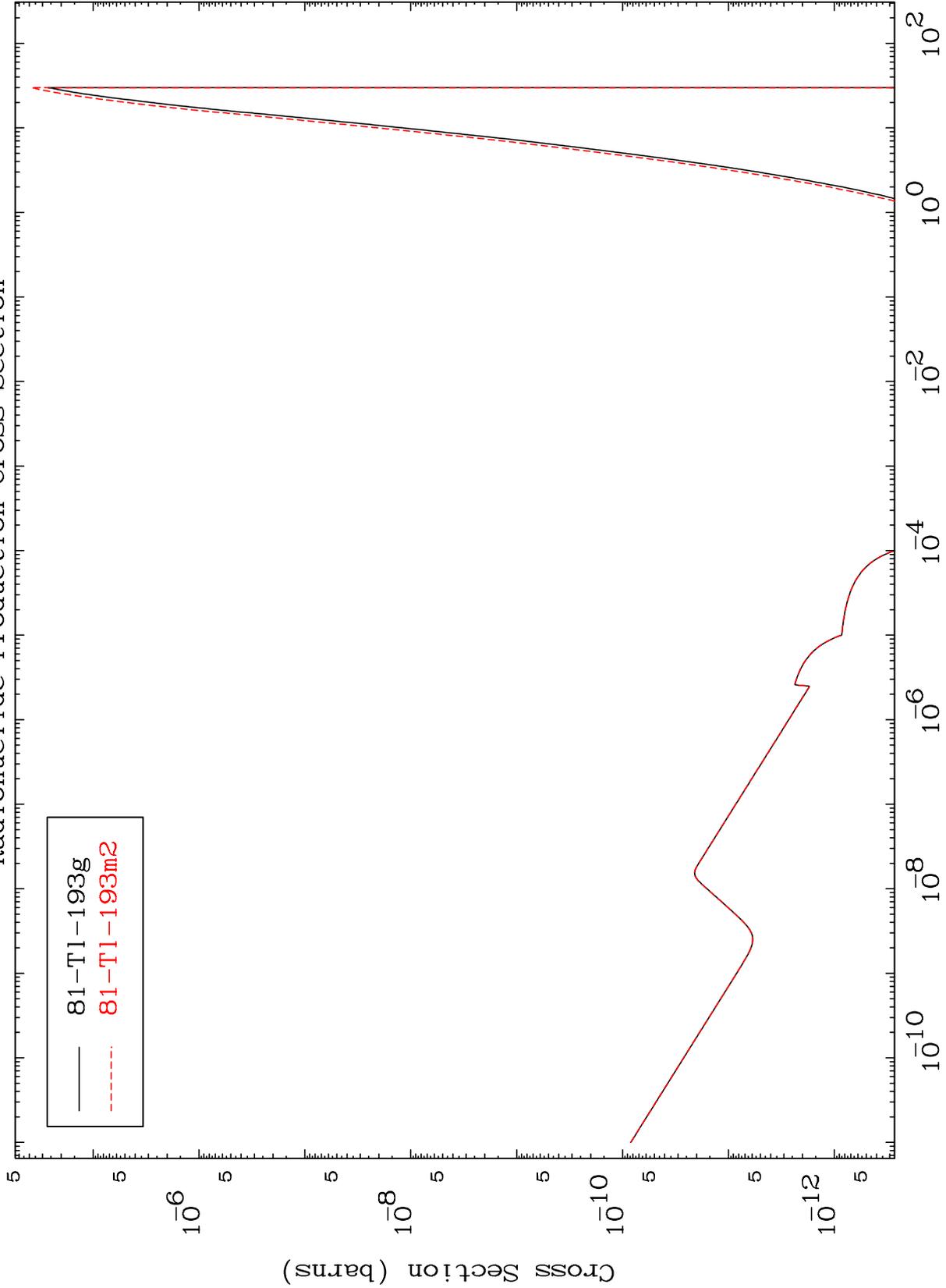
— 83-Bi-197g
- - - 83-Bi-197m1

MAT 8517

(n,2α)

85-At-200

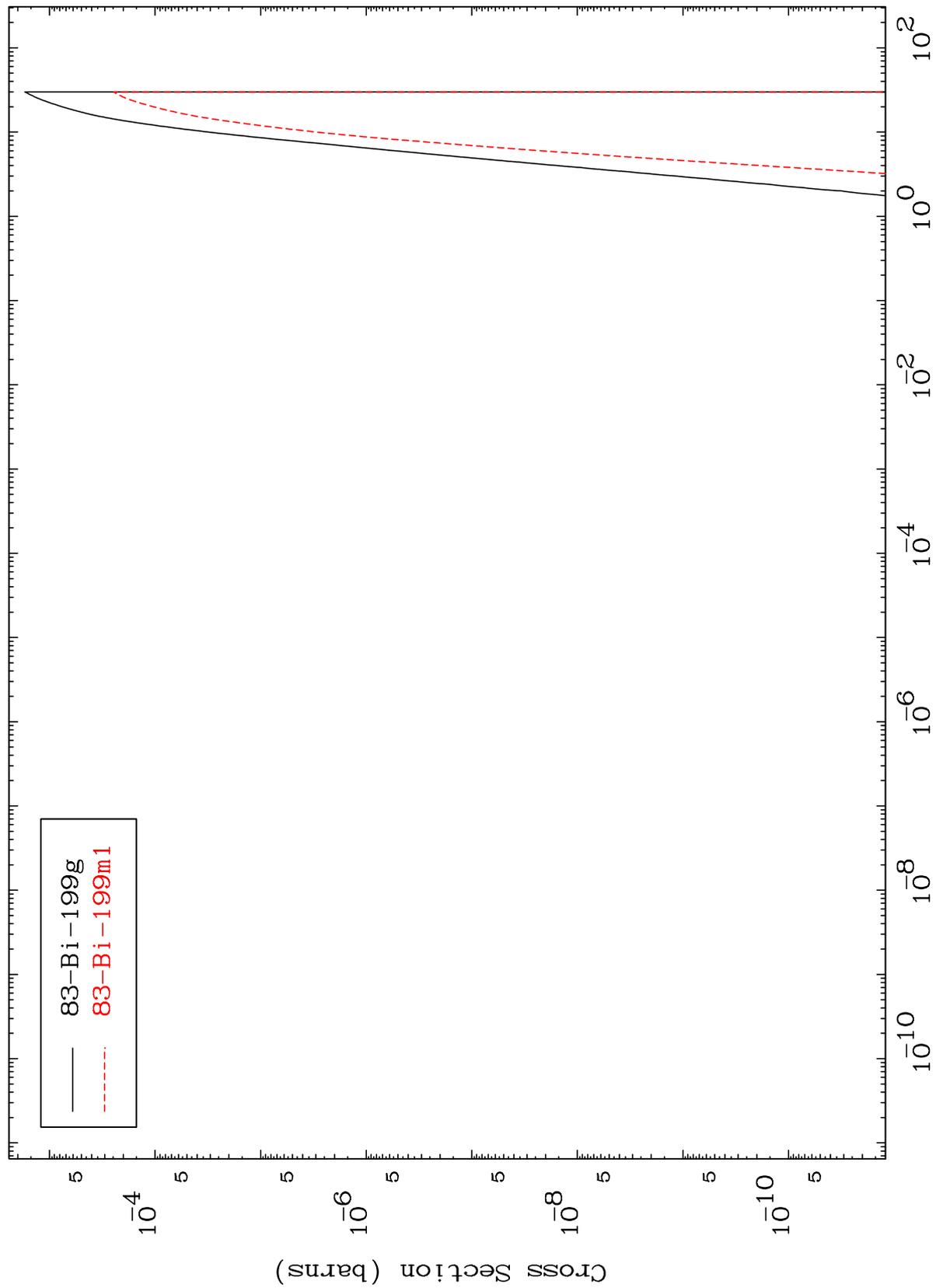
Radionuclide Production Cross Section



MAT 8517

85-At-200

(n,2p)
Radionuclide Production Cross Section

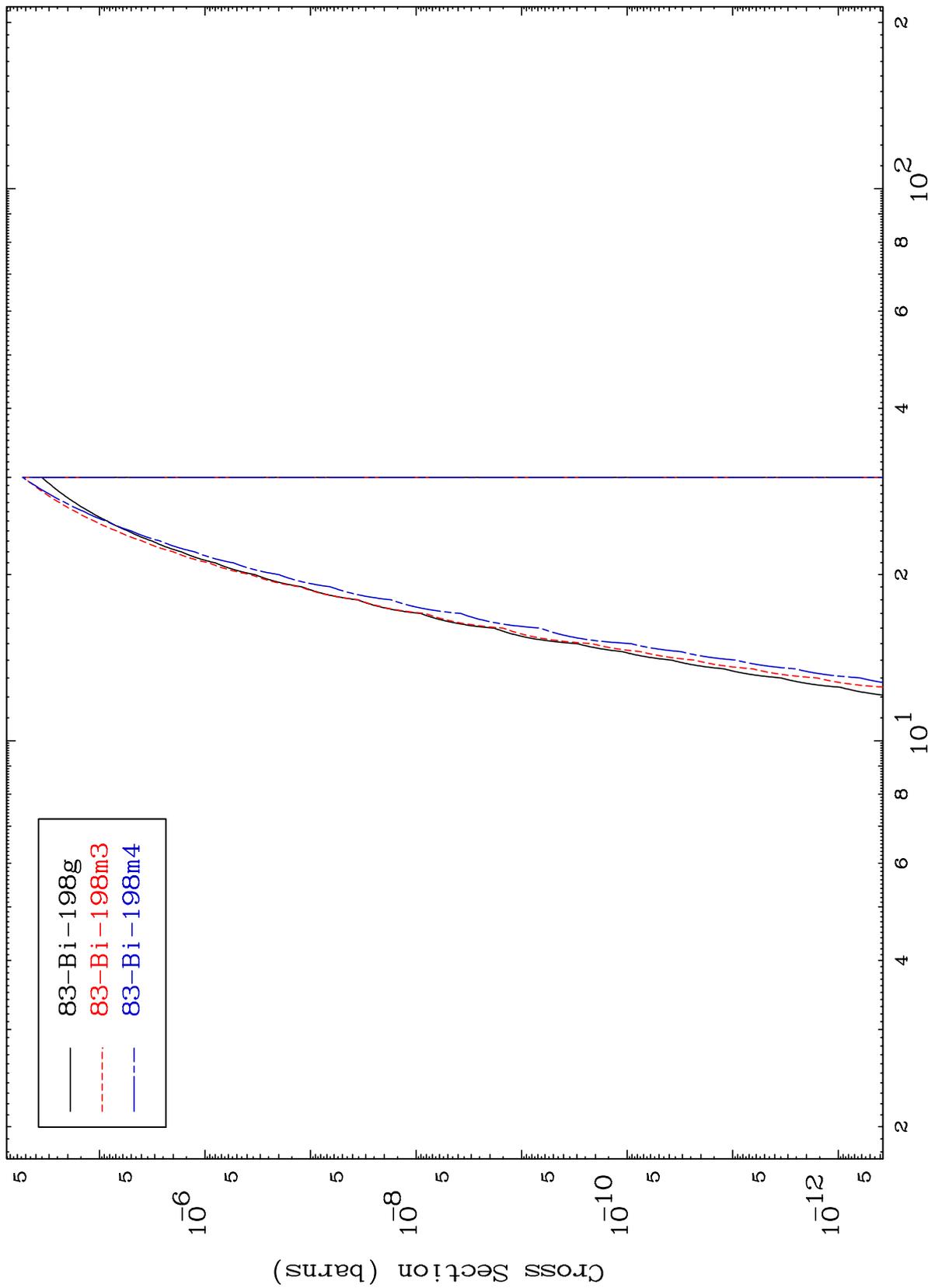


37

85-At-200

Incident Energy (MeV)

Radionuclide Production Cross Section

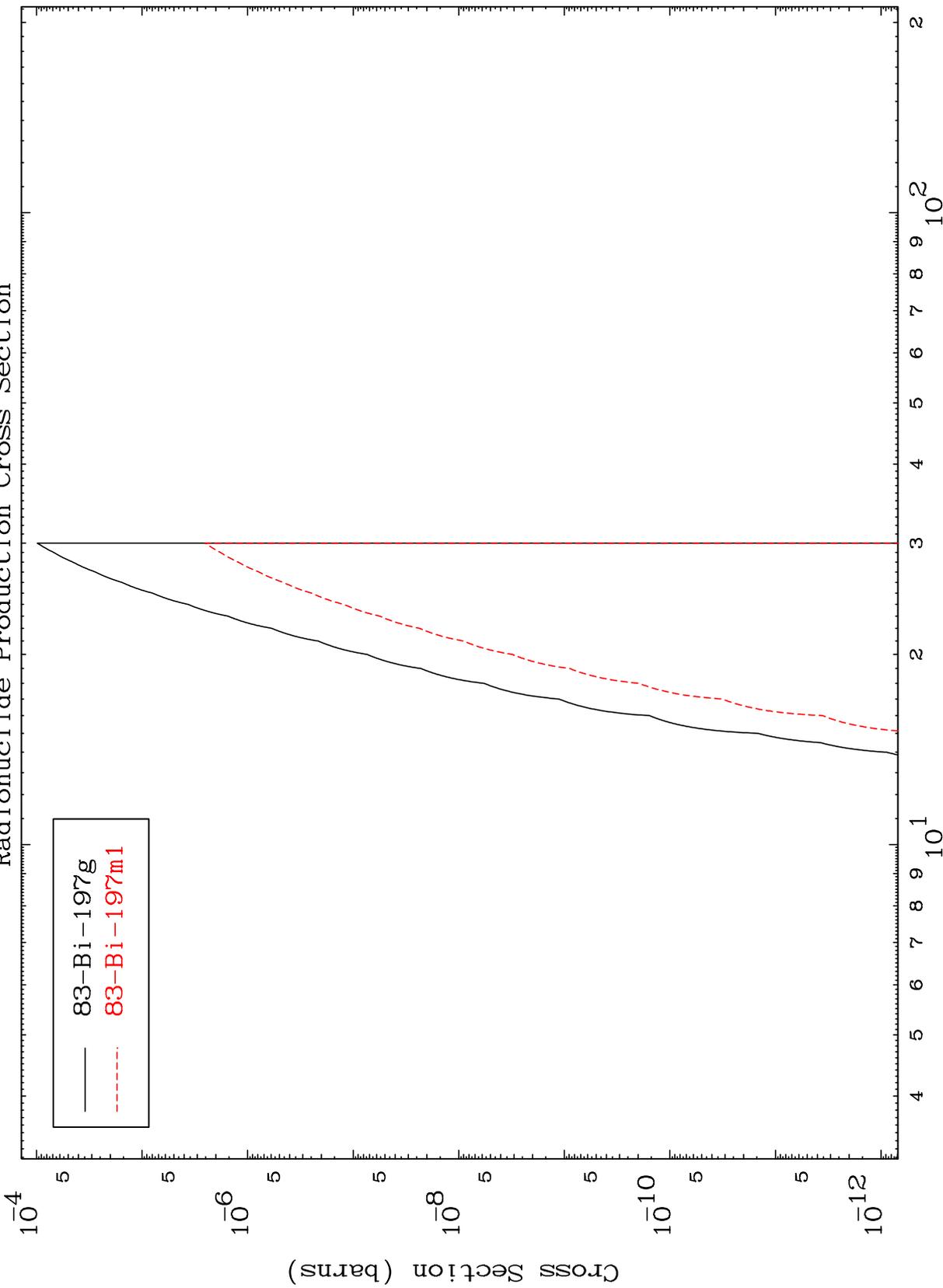


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(n,p) t

85-At-200

Radionuclide Production Cross Section



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

39

Incident Energy (MeV)

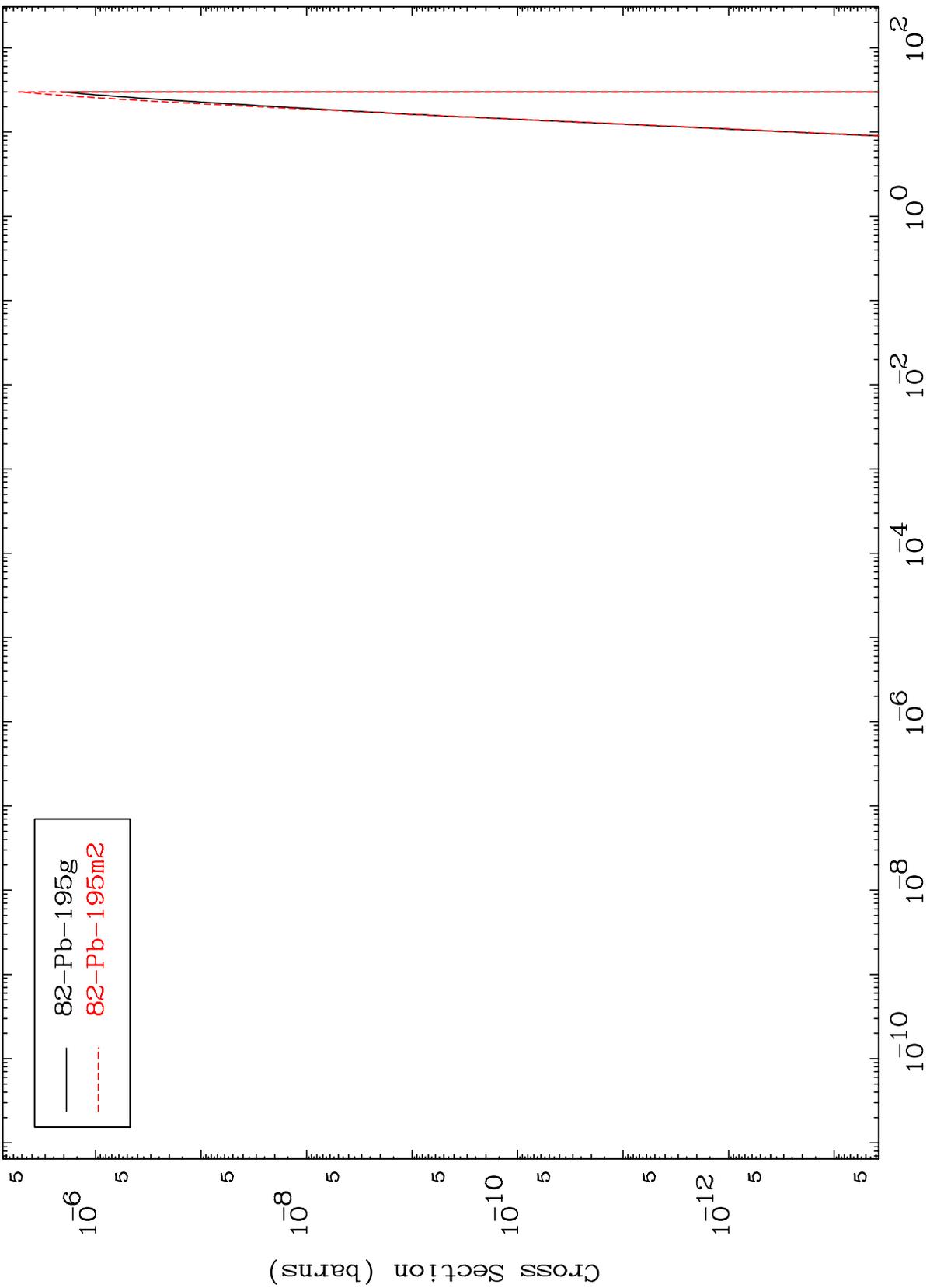
85-At-200

MAT 8517

(n,d) α

85-At-200

Radionuclide Production Cross Section



40

Incident Energy (MeV)

85-At-200