

Program EVALPLOT
(Version 2021-1)

by

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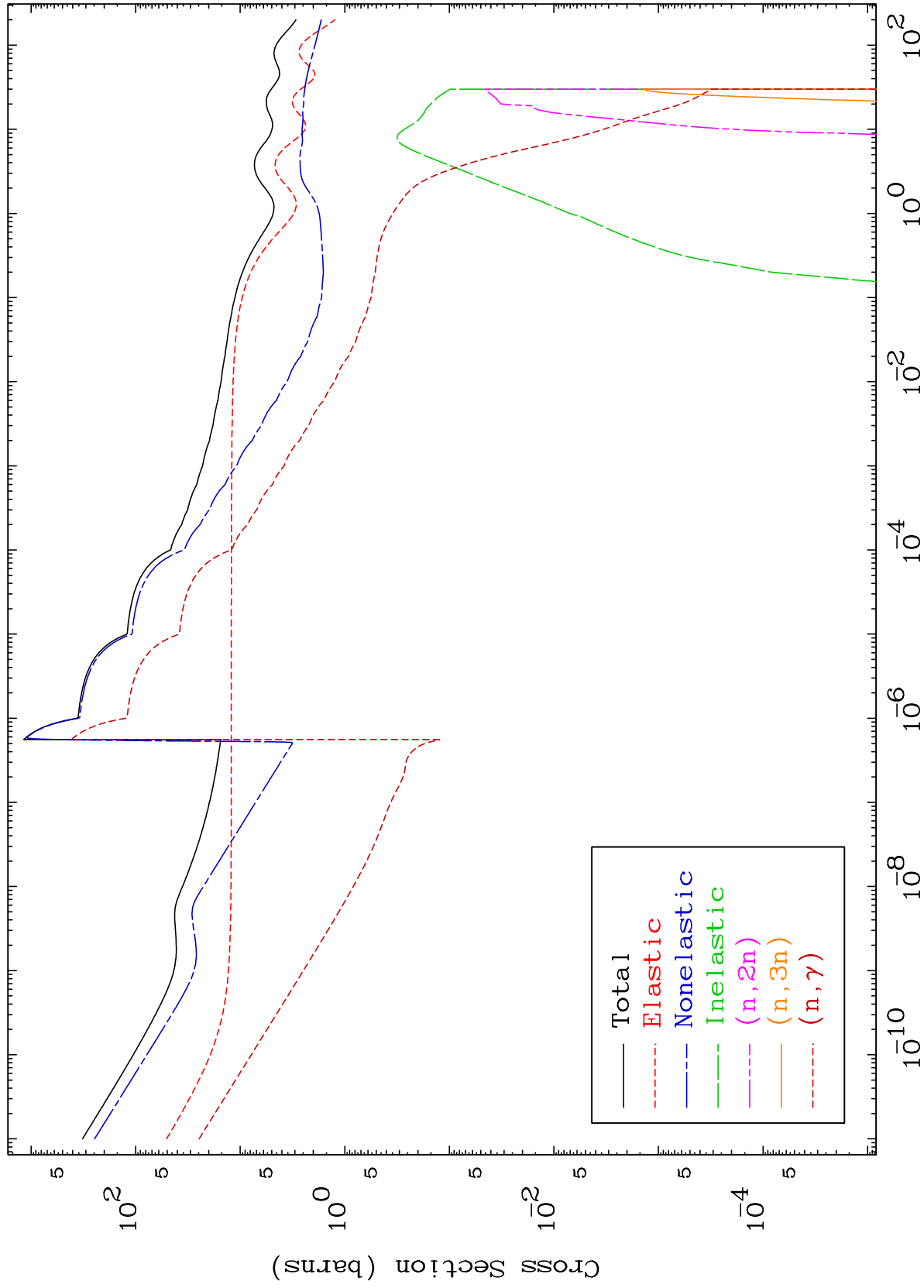
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8511

Neutron Major
293 Kelvin Cross Sections

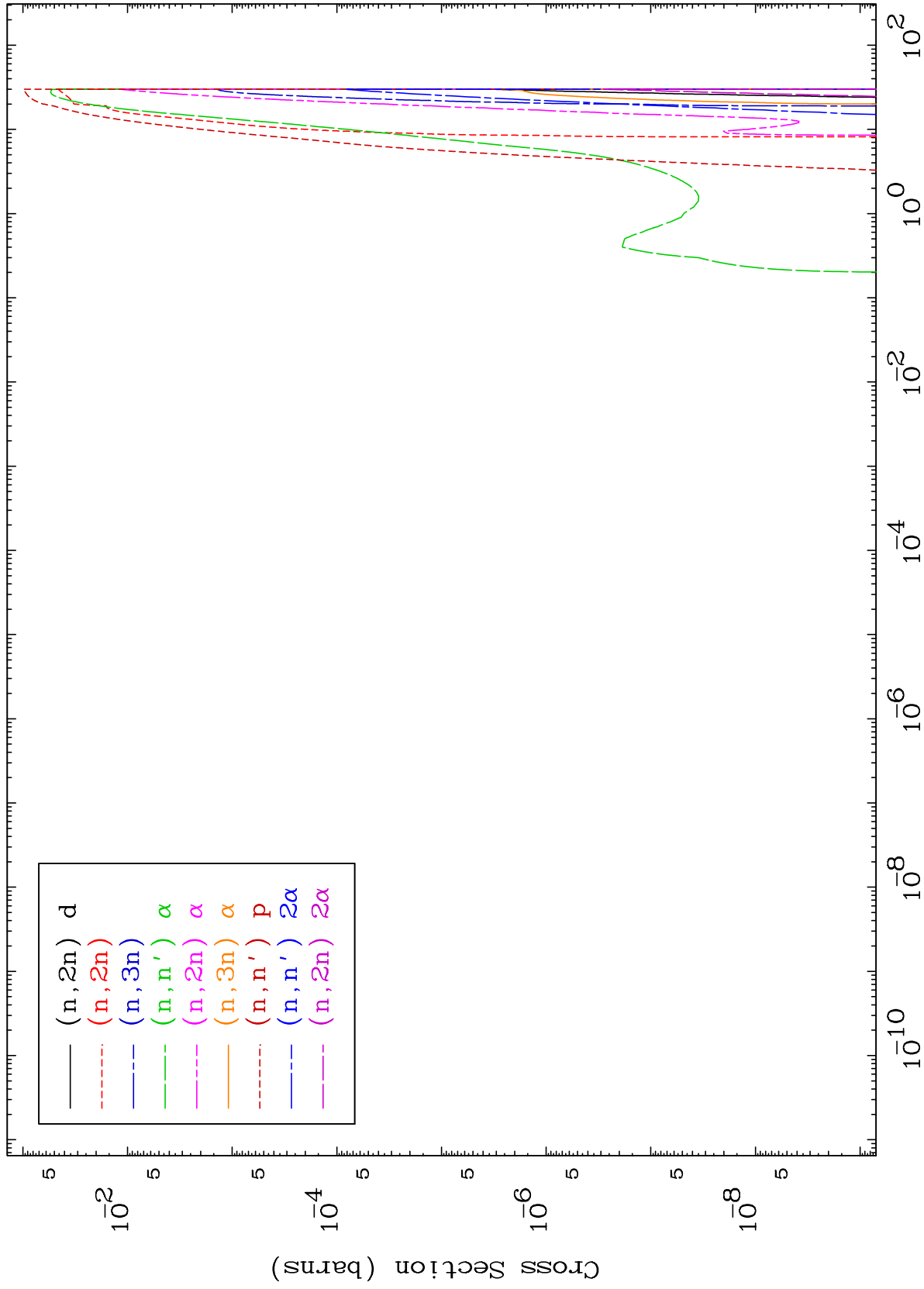
85-At-198m



MAT 8511

Neutron Absorption
293 Kelvin Cross Sections

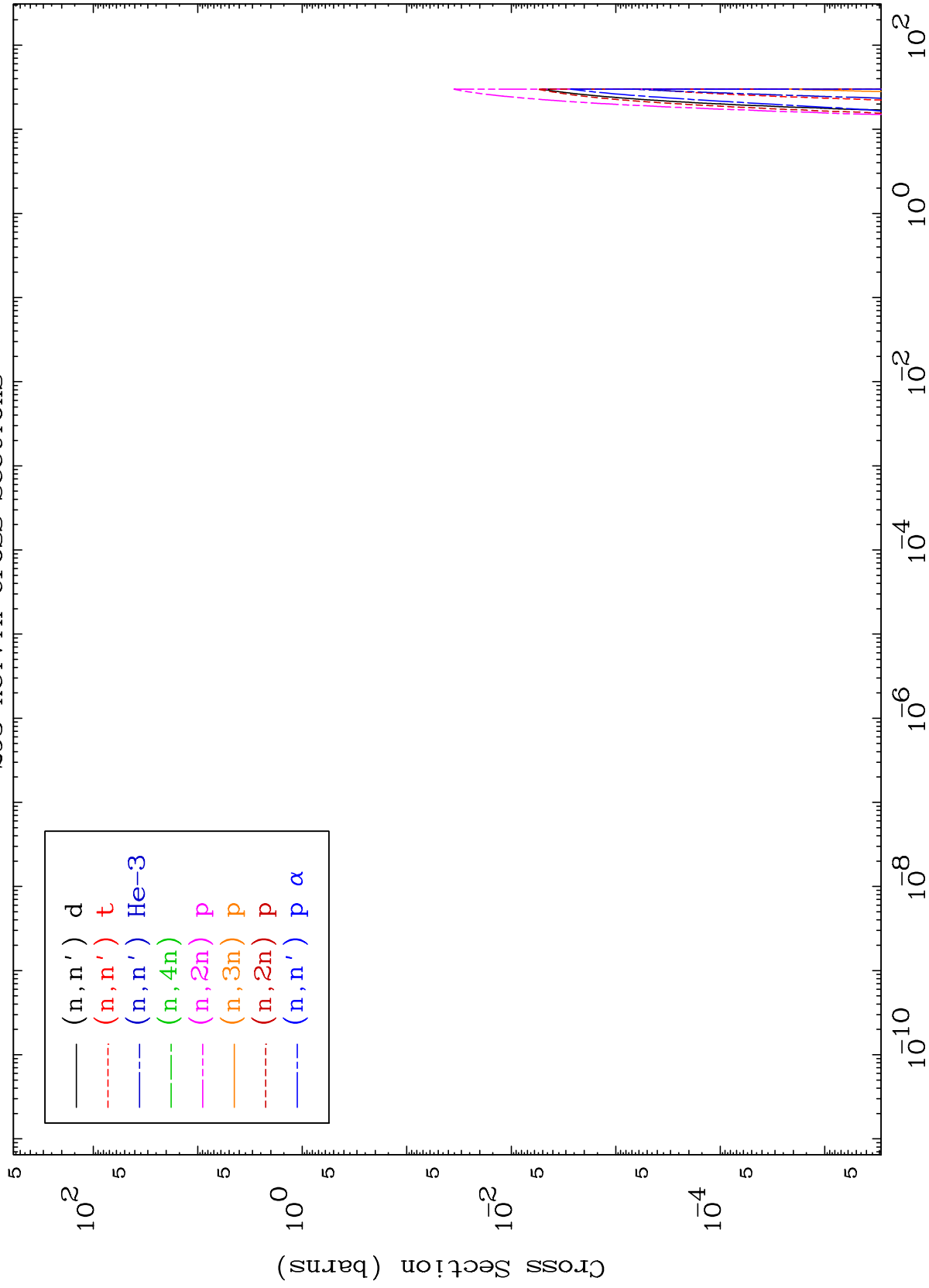
85-At-198m



2

Incident Energy (MeV)

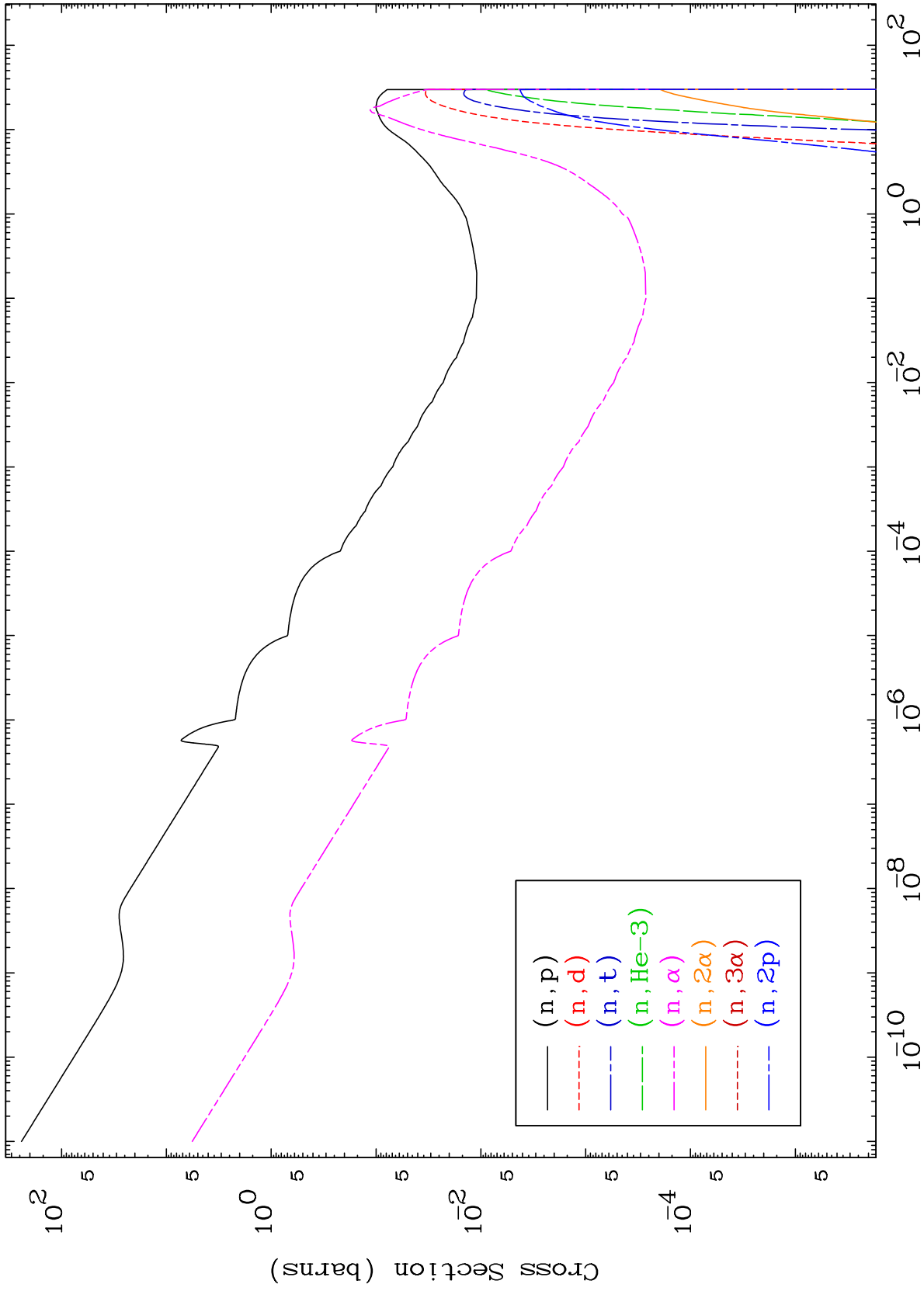
85-At-198m



MAT 8511

Neutron Absorption
293 Kelvin Cross Sections

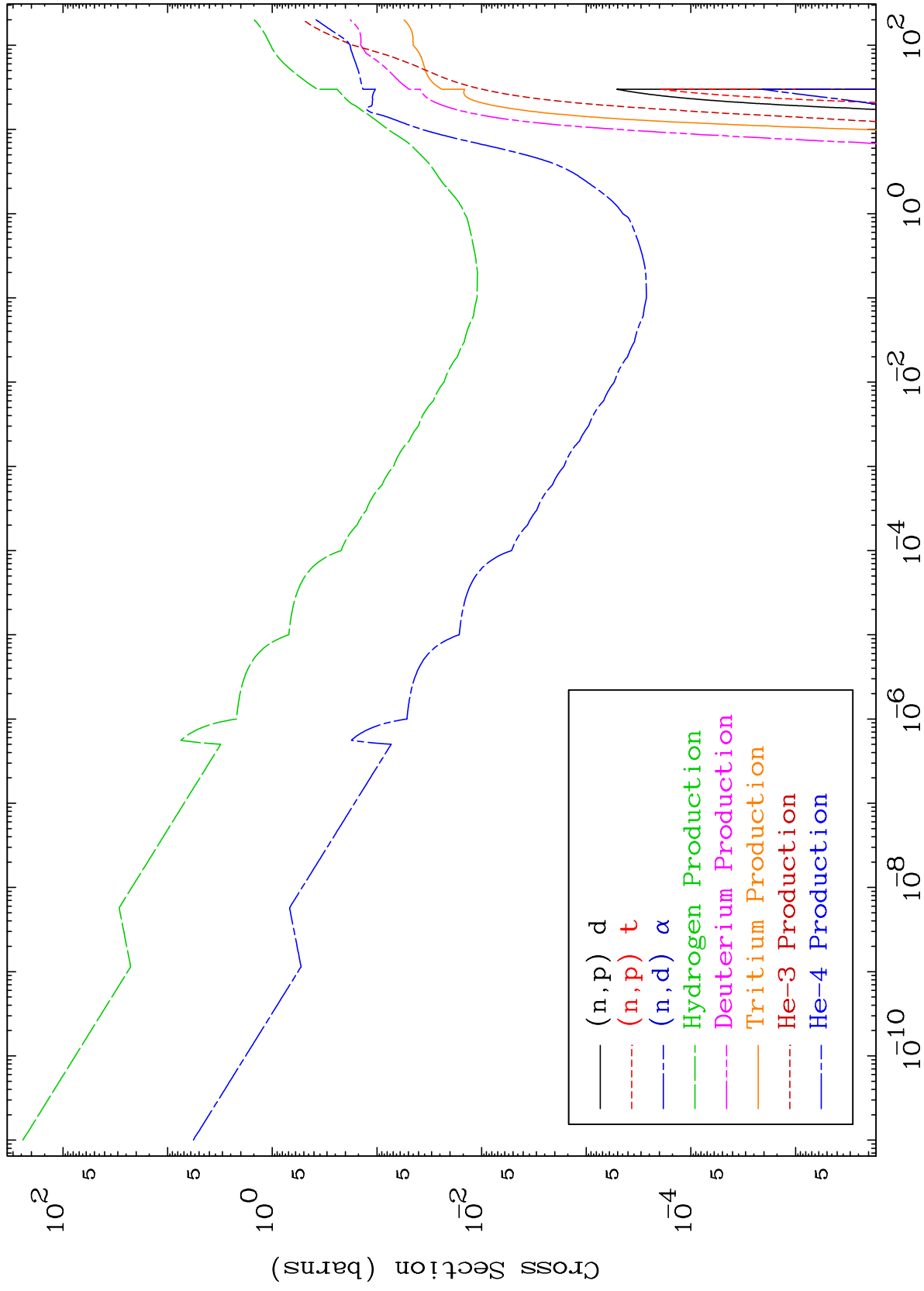
85-At-198m



MAT 8511

Neutron Absorption
293 Kelvin Cross Sections

85-At-198m



5

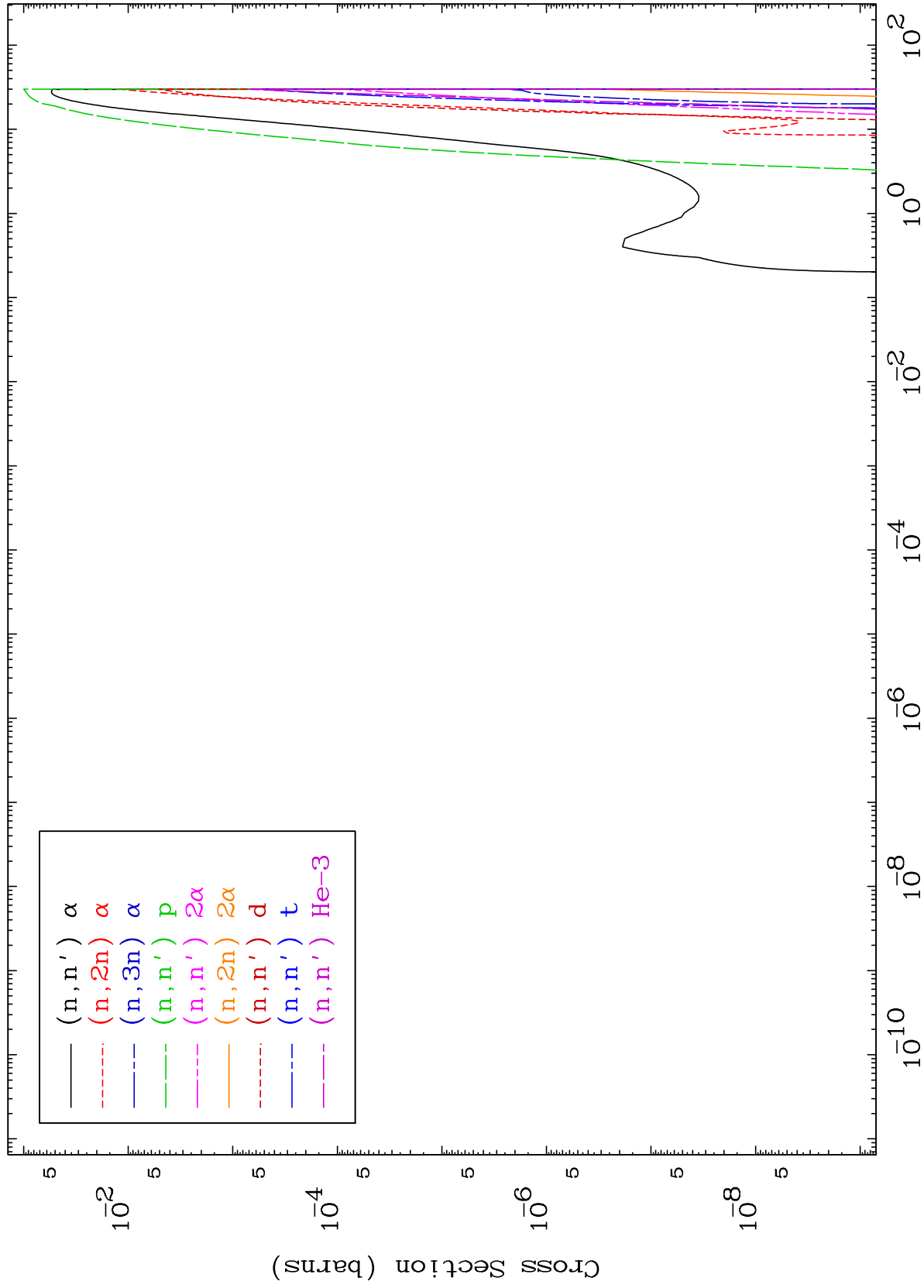
Incident Energy (MeV)

85-At-198m

MAT 8511

Charged Particle
293 Kelvin Cross Sections

85-At-198m



6

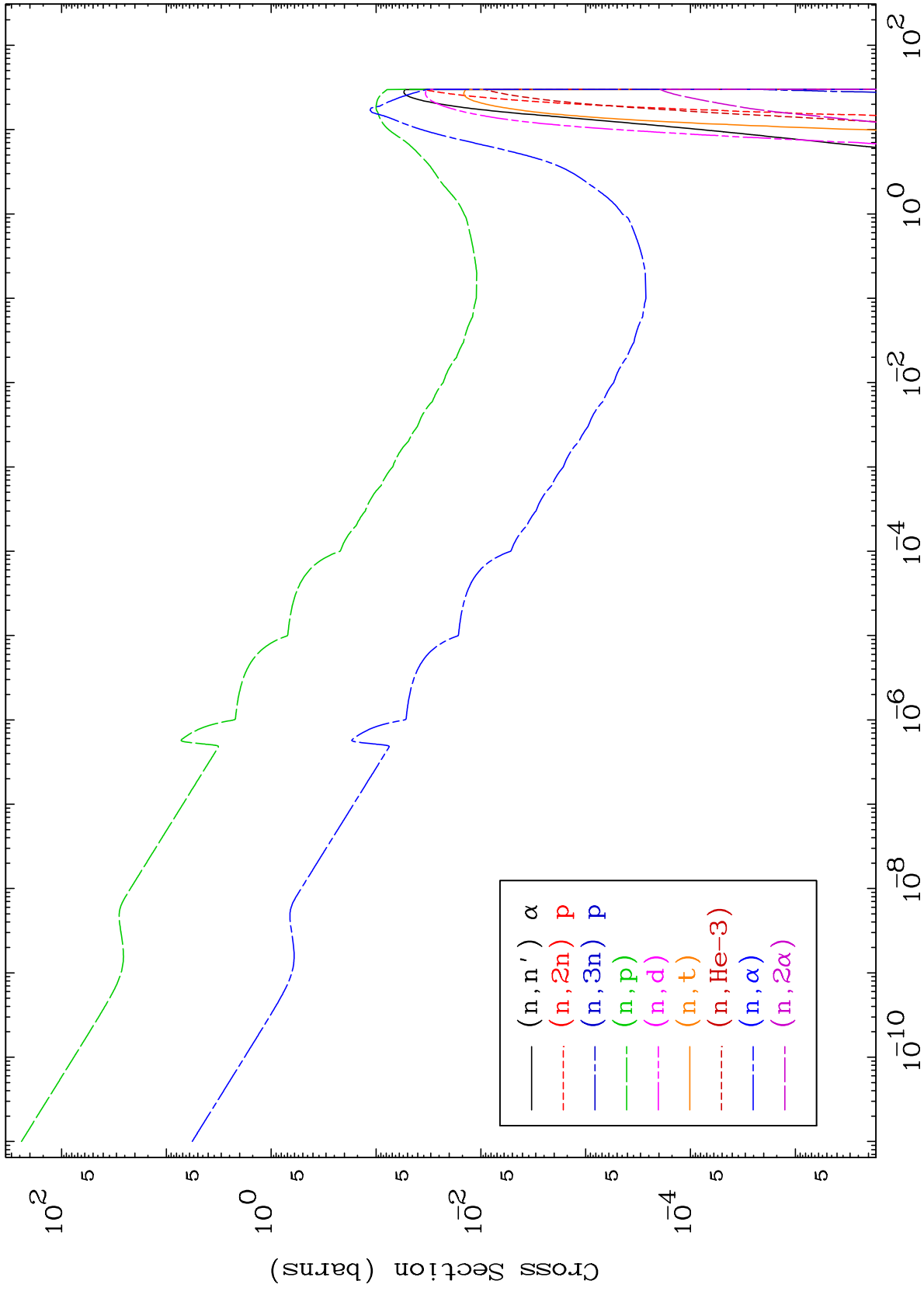
Incident Energy (MeV)

85-At-198m

MAT 8511

Charged Particle
293 Kelvin Cross Sections

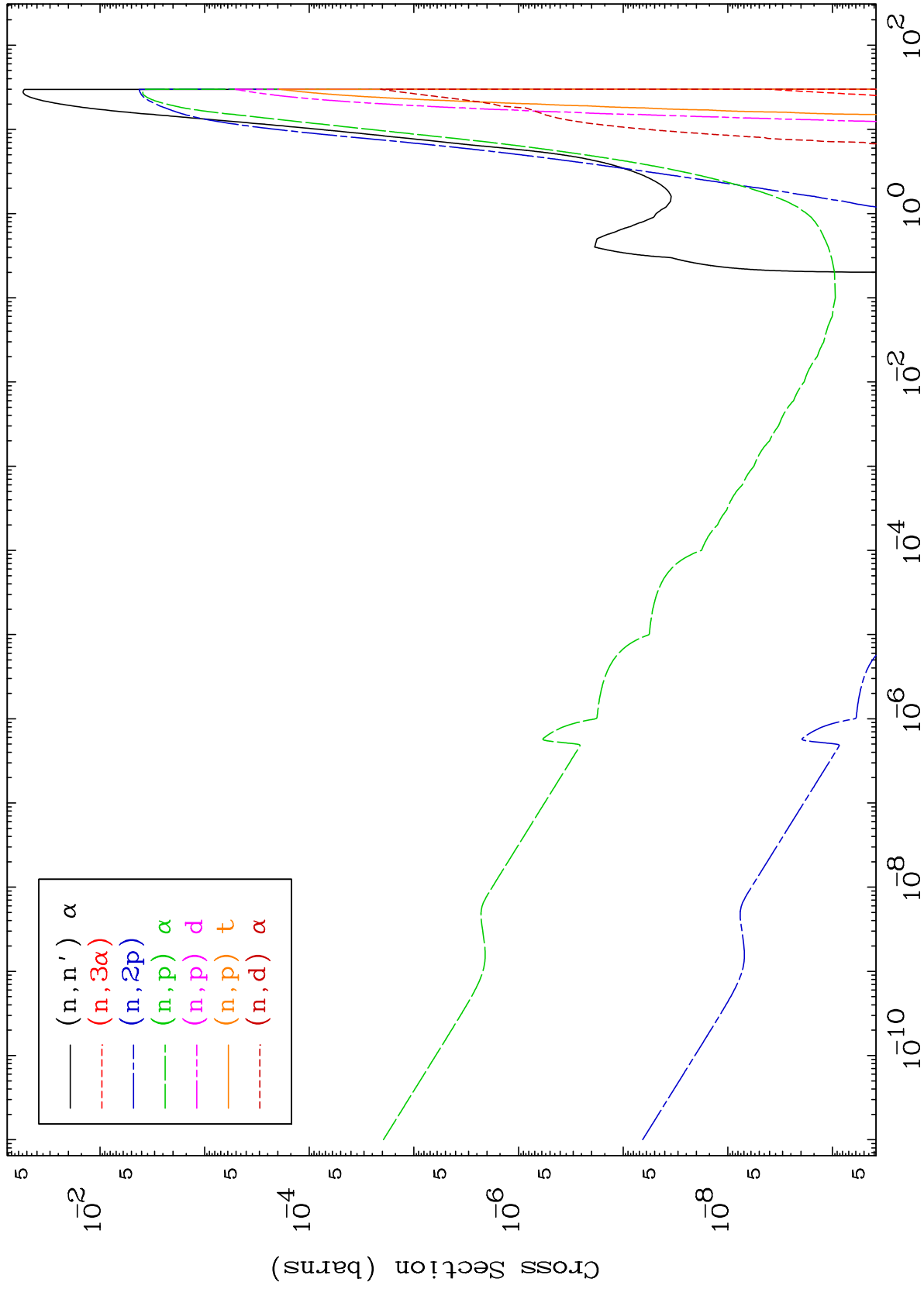
85-At-198m

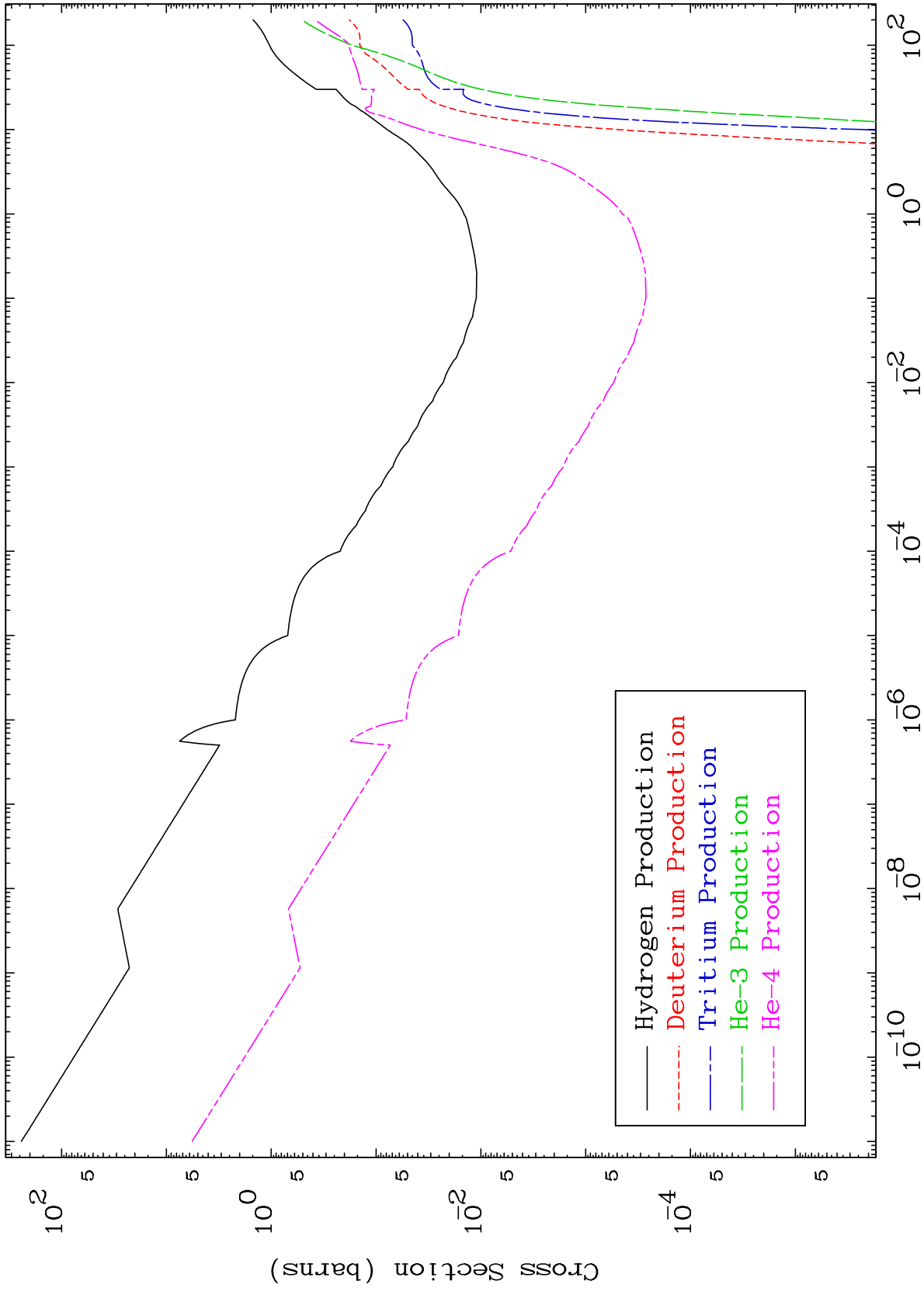


MAT 8511

Charged Particle
293 Kelvin Cross Sections

85-At-198m

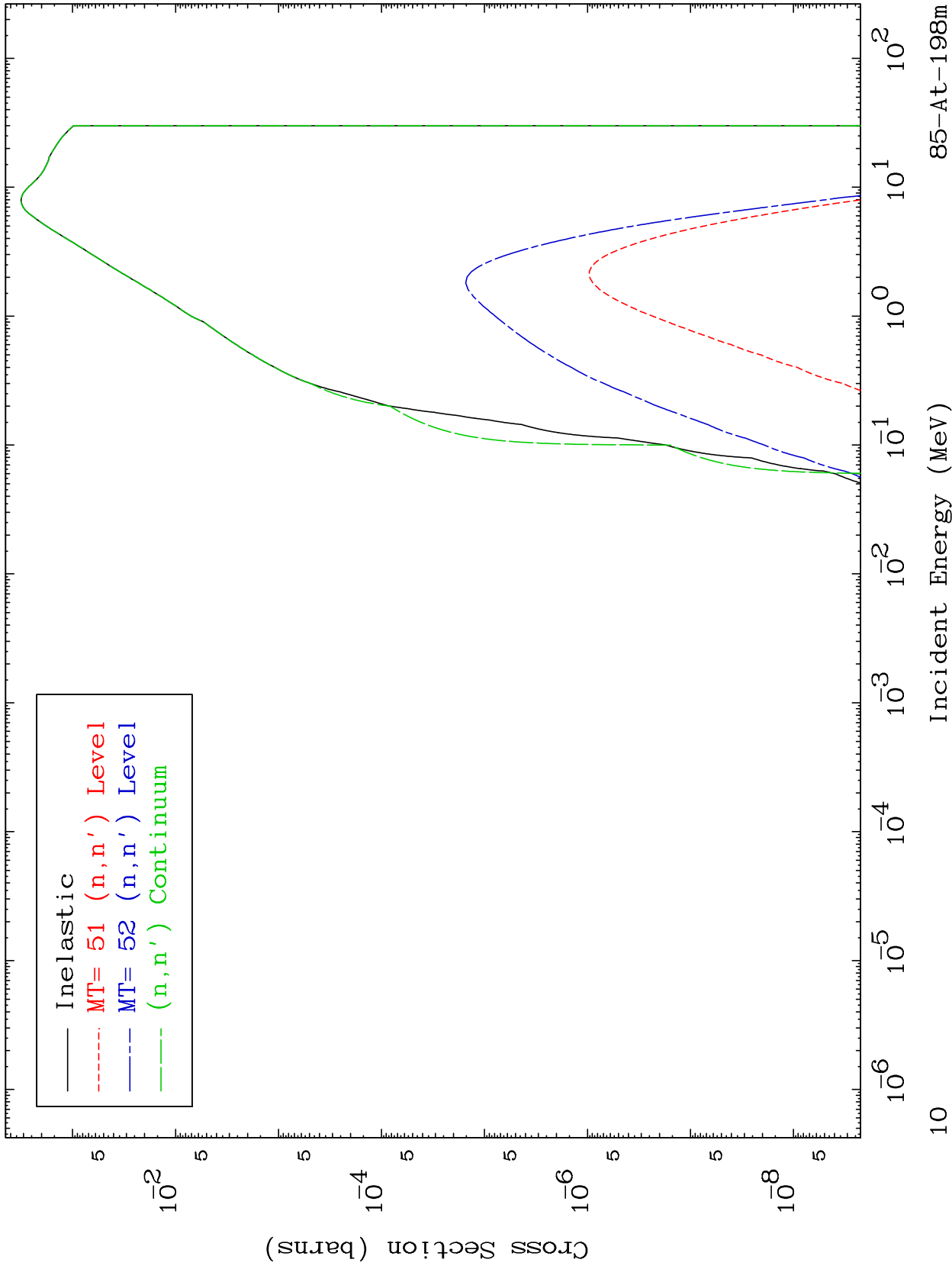




MAT 8511

(n,n') Levels
293 Kelvin Cross Sections

85-At-198m

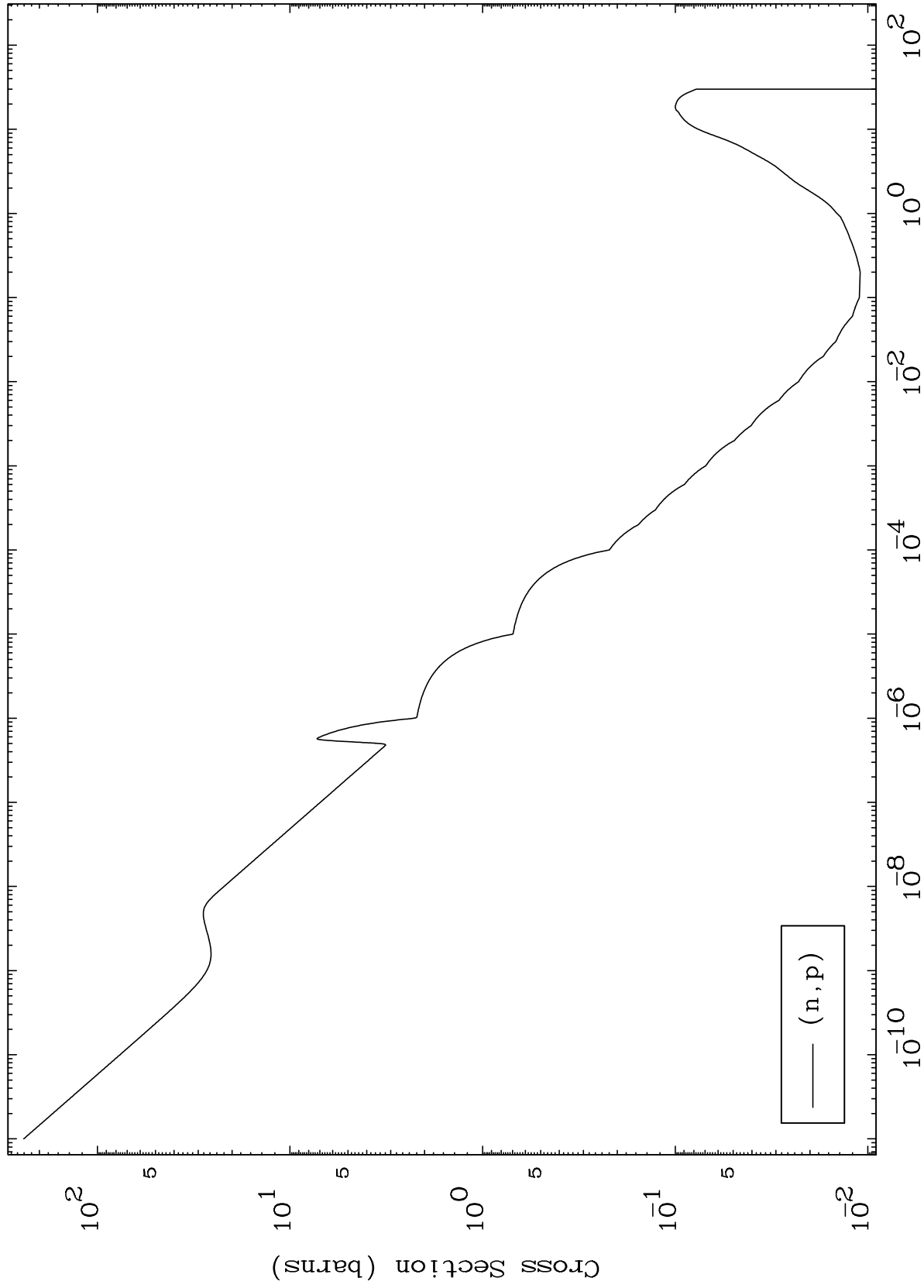


85-At-198m

MAT 8511

(n,p) Levels
293 Kelvin Cross Sections

85-At-198m



11

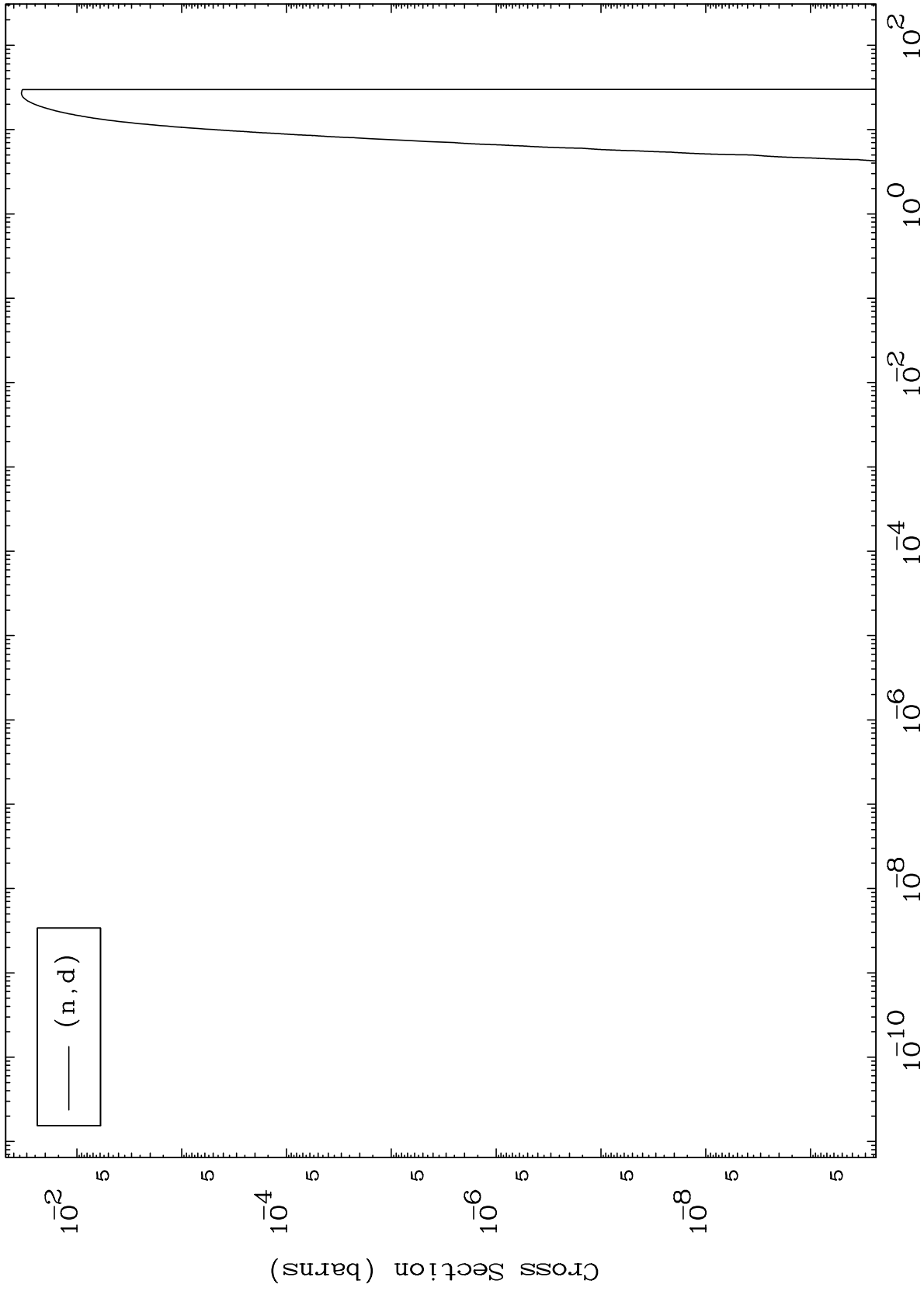
Incident Energy (MeV)

85-At-198m

MAT 8511

(n,d) Levels
293 Kelvin Cross Sections

85-At-198m



12

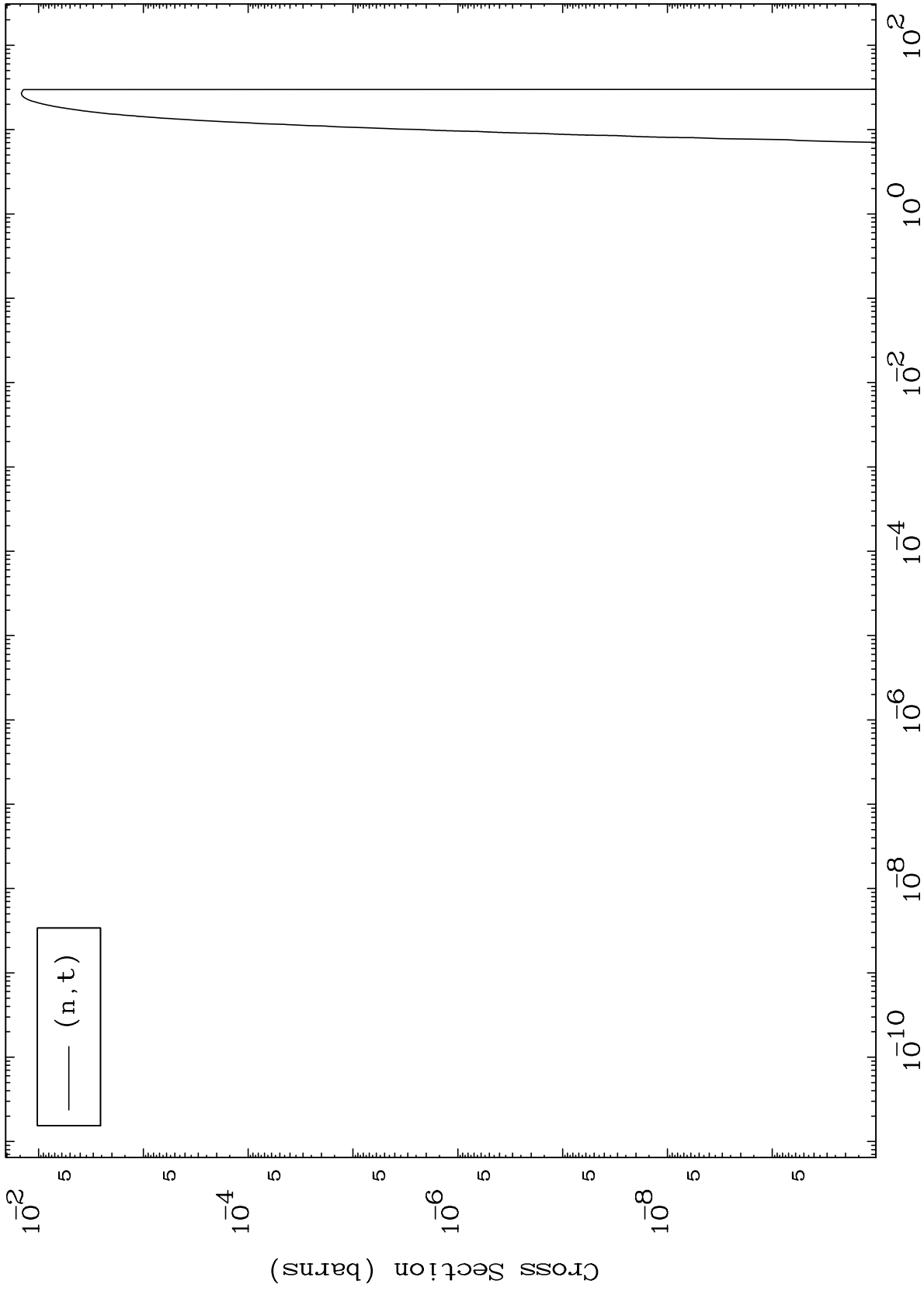
Incident Energy (MeV)

85-At-198m

MAT 8511

(n,t) Levels
293 Kelvin Cross Sections

85-At-198m



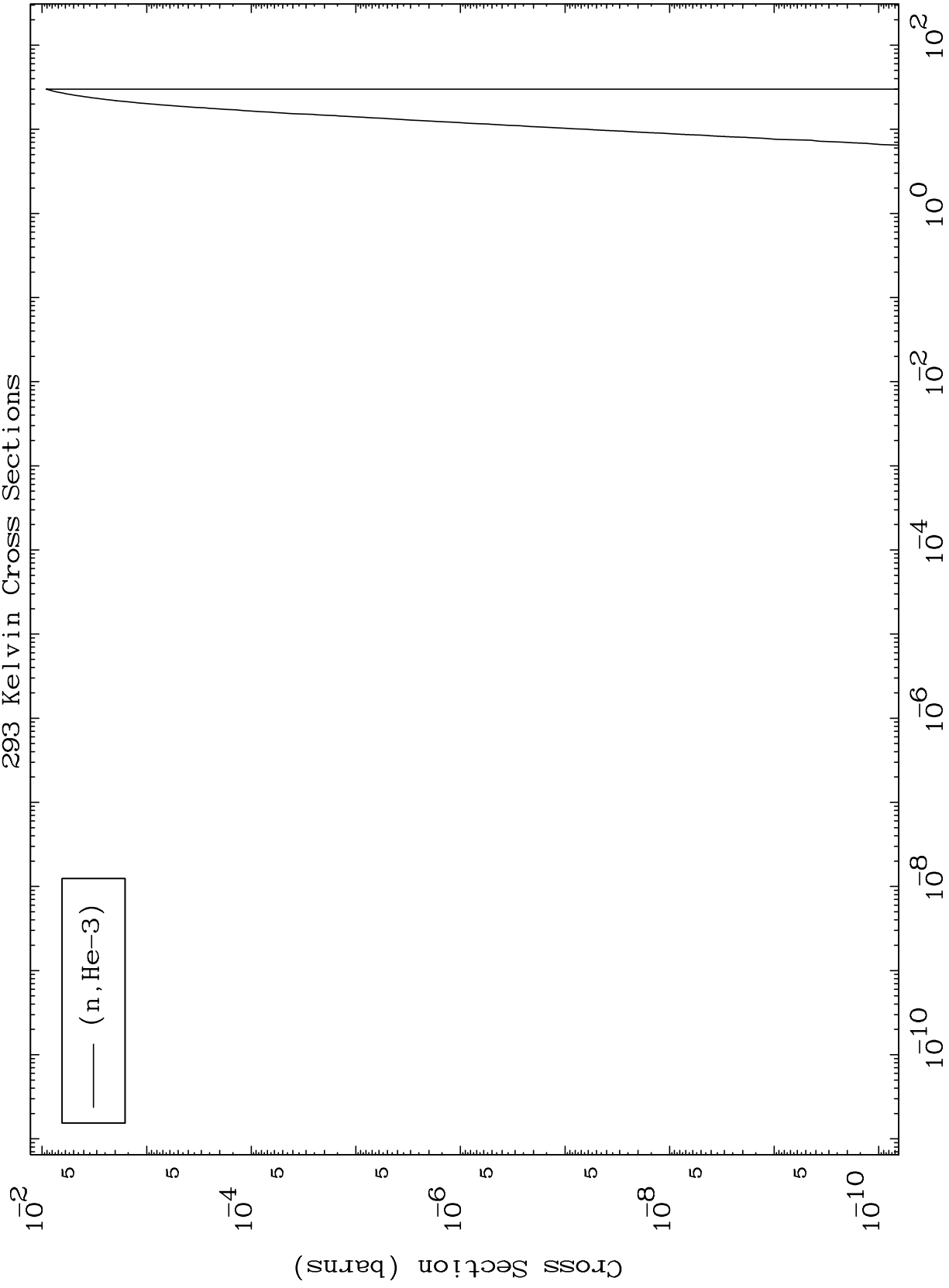
13

85-At-198m

MAT 8511

(n,He3) Levels
293 Kelvin Cross Sections

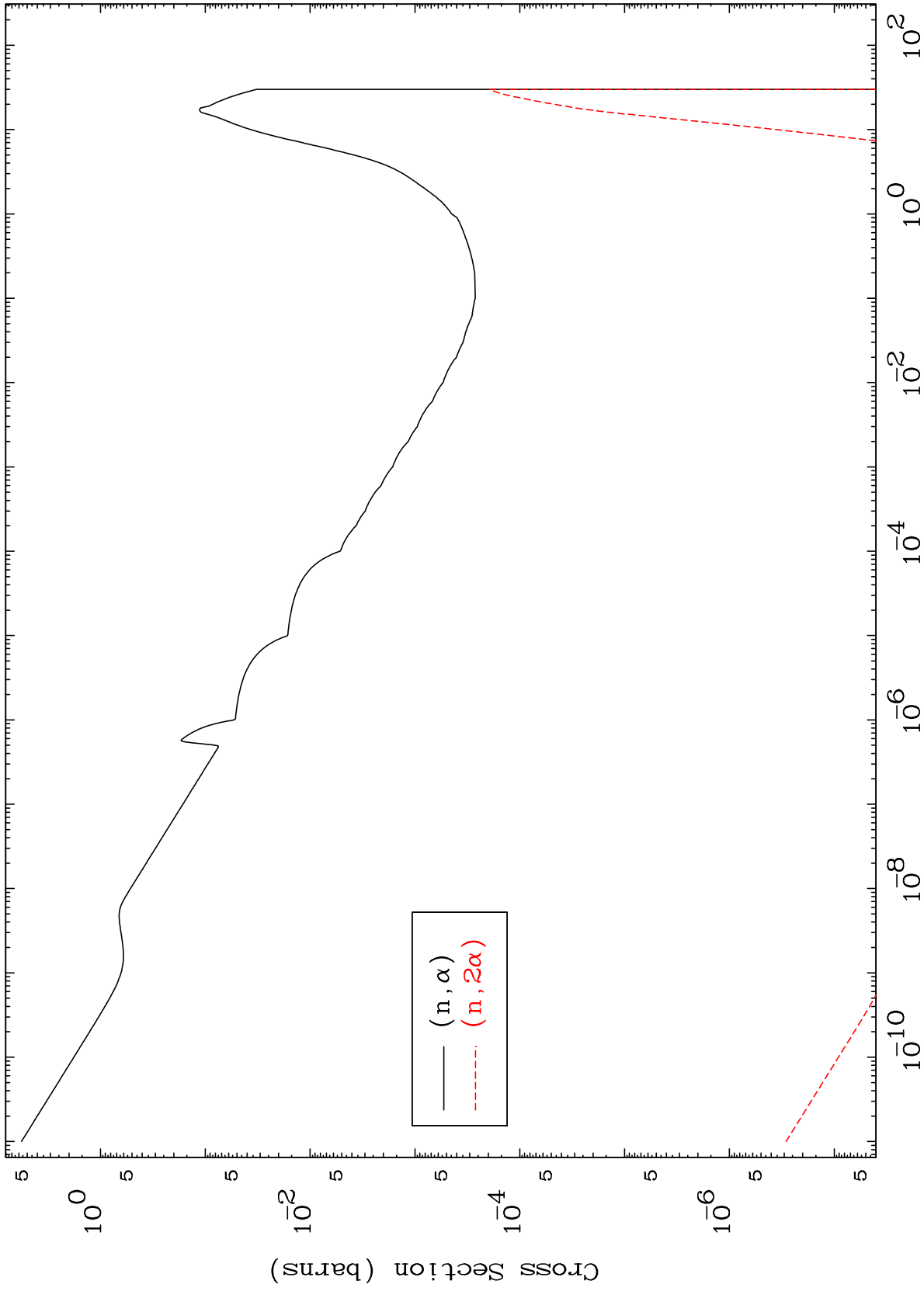
85-At-198m



MAT 8511

(n,α) Levels
293 Kelvin Cross Sections

85-At-198m



15

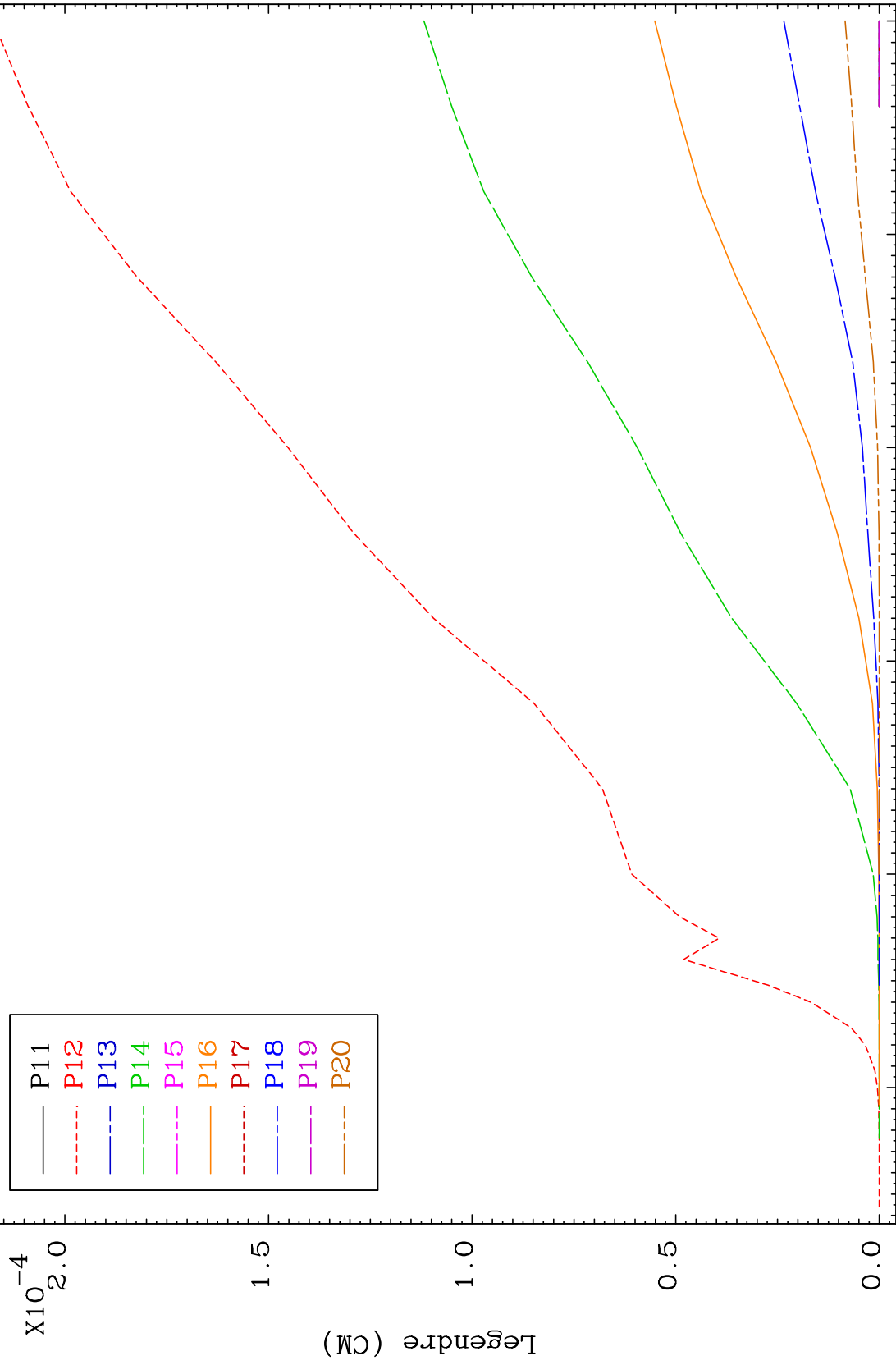
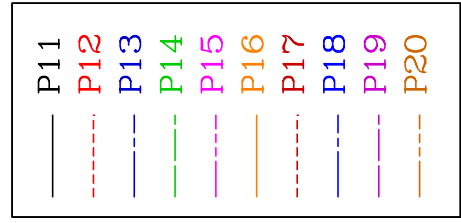
Incident Energy (MeV)

85-At-198m

MAT 8511

Elastic Legendre Coefficients

85-At-198m

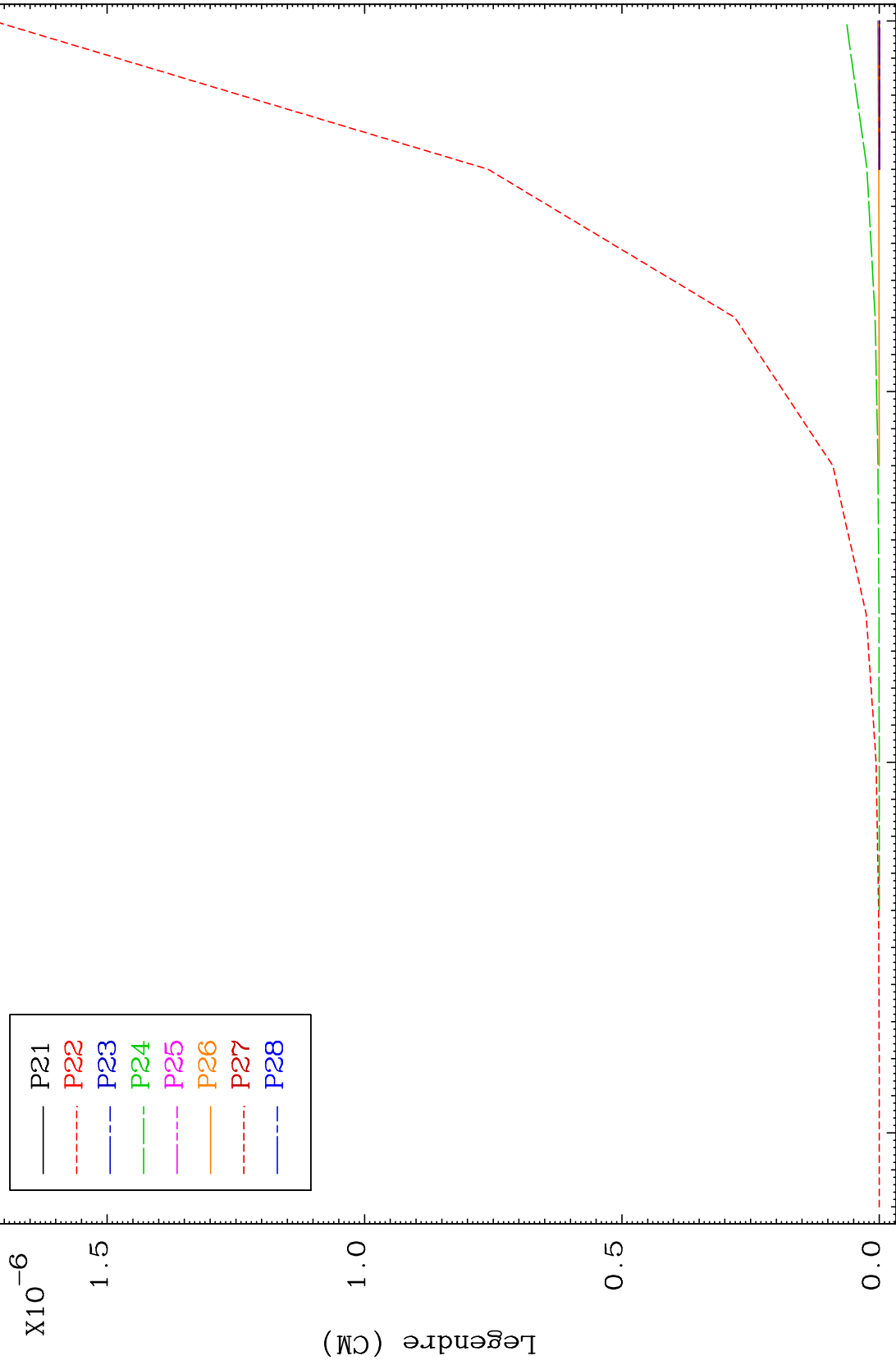
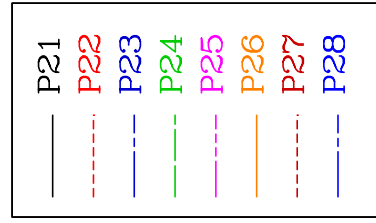


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MAT 8511

Elastic Legendre Coefficients

85-At-198m



18

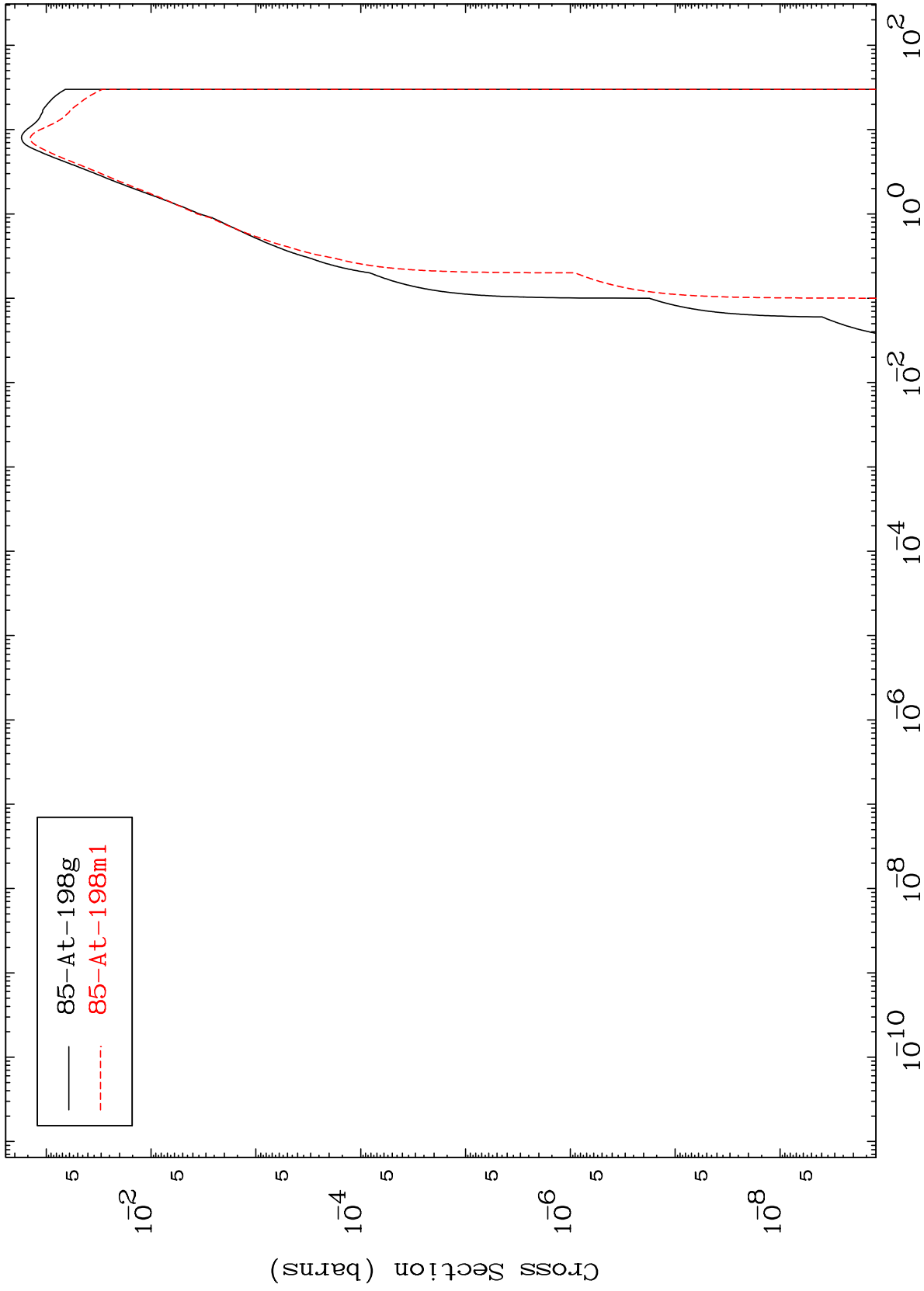
Incident Energy (MeV)

85-At-198m

MAT 8511

Inelastic
Radionuclide Production Cross Section

85-At-198m



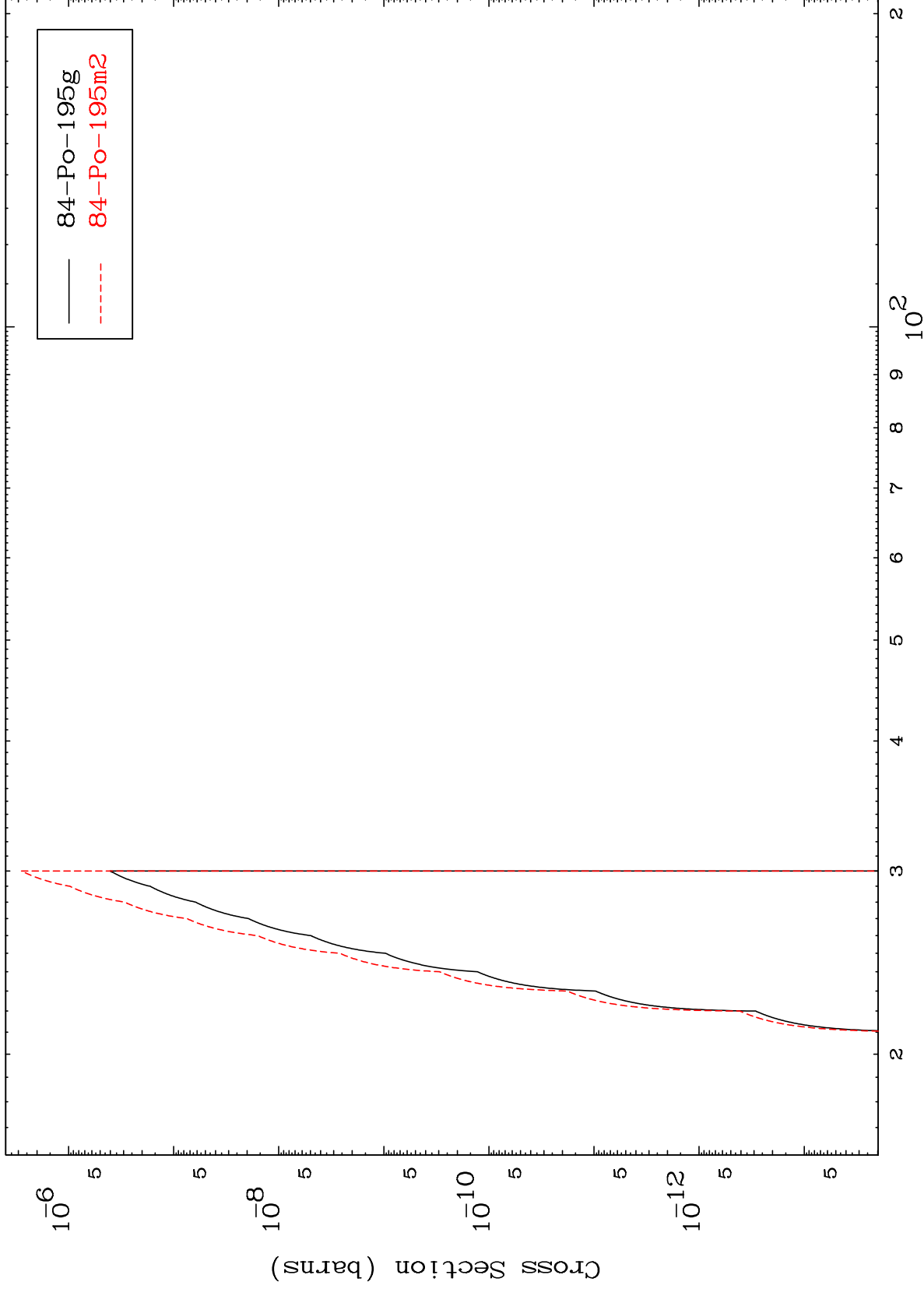
85-At-198m

MAT 8511

(n,2n) d

85-At-198m

Radionuclide Production Cross Section



20

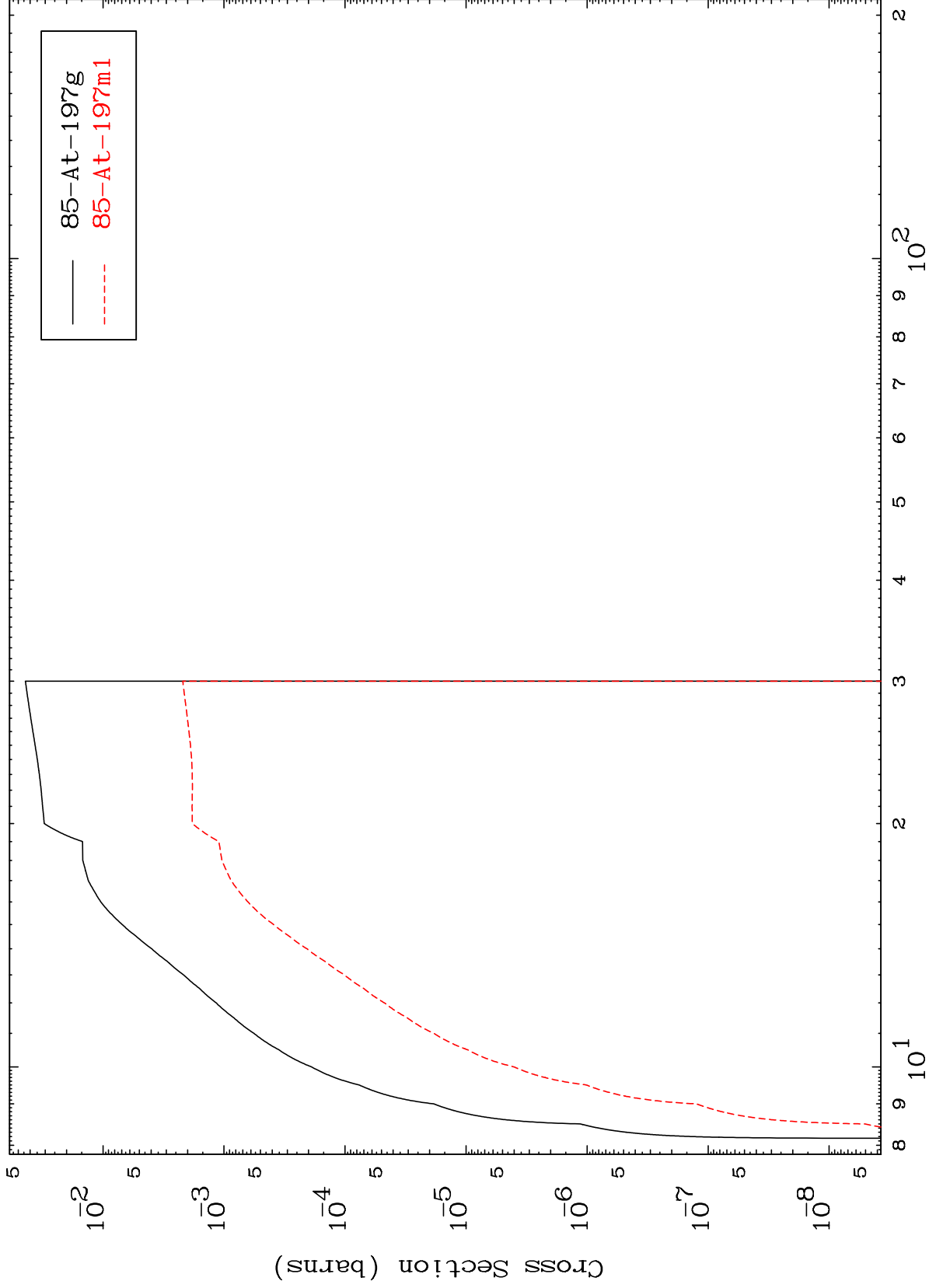
Incident Energy (MeV)

85-At-198m

MAT 8511

85-At-198m

Radionuclide Production Cross Section
(n,2n)



21

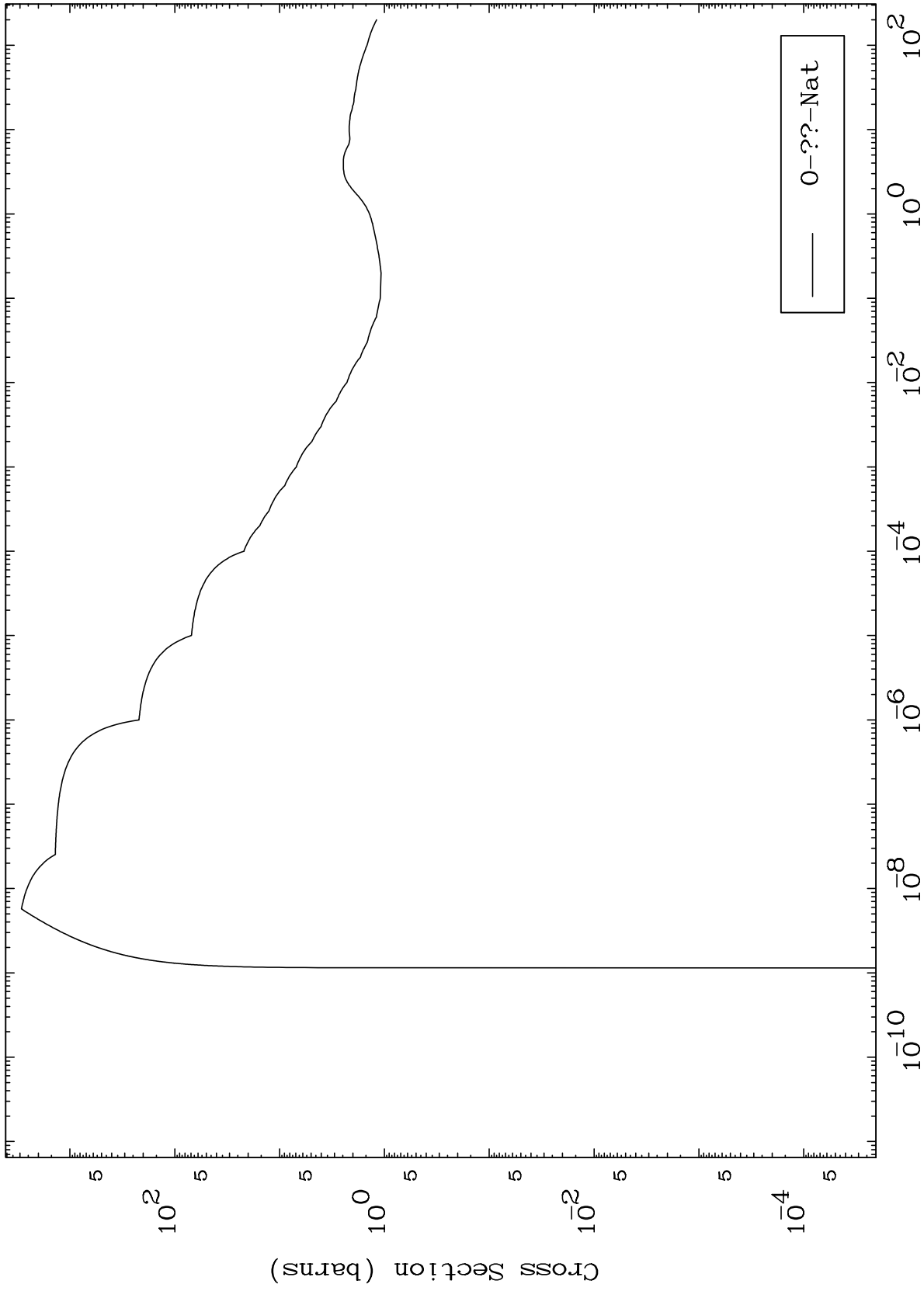
Incident Energy (MeV)

85-At-198m

MAT 8511

85-At-198m

Fission Radionuclide Production Cross Section



22

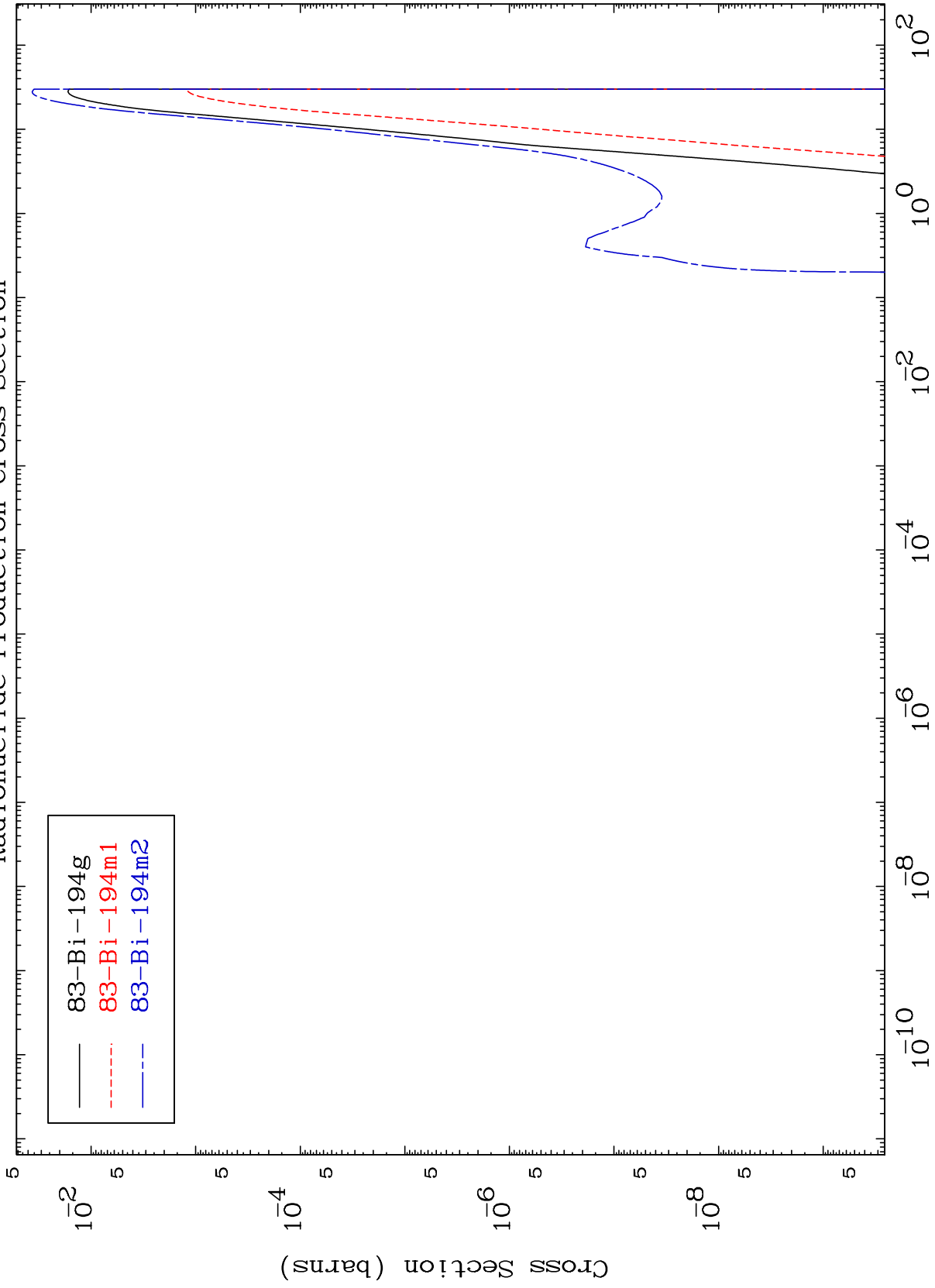
85-At-198m

MAT 8511

(n,n') α

85-At-198m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

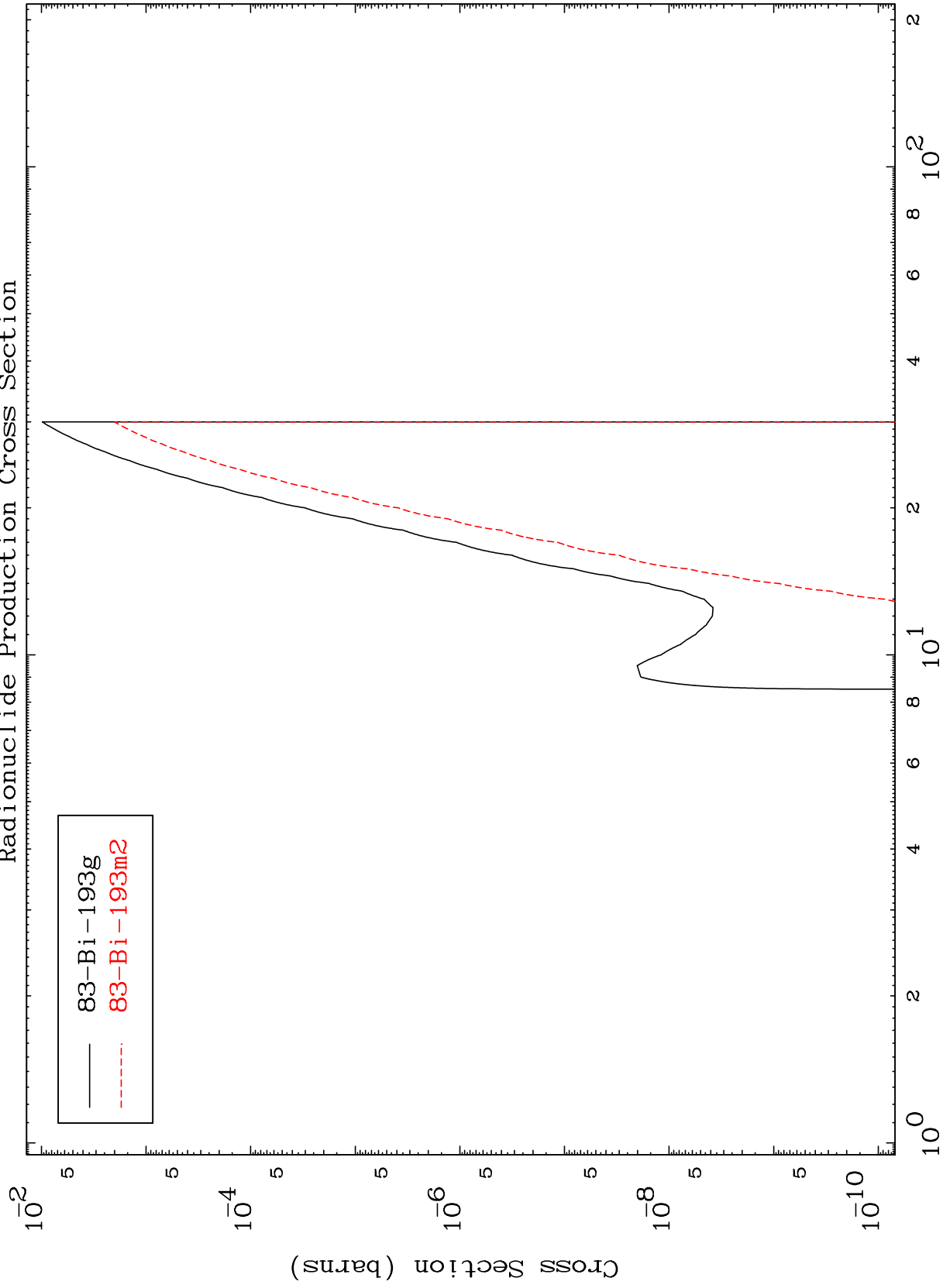
85-At-198m

MAT 8511

(n,2n) α

85-At-198m

Radionuclide Production Cross Section



24

Incident Energy (MeV)

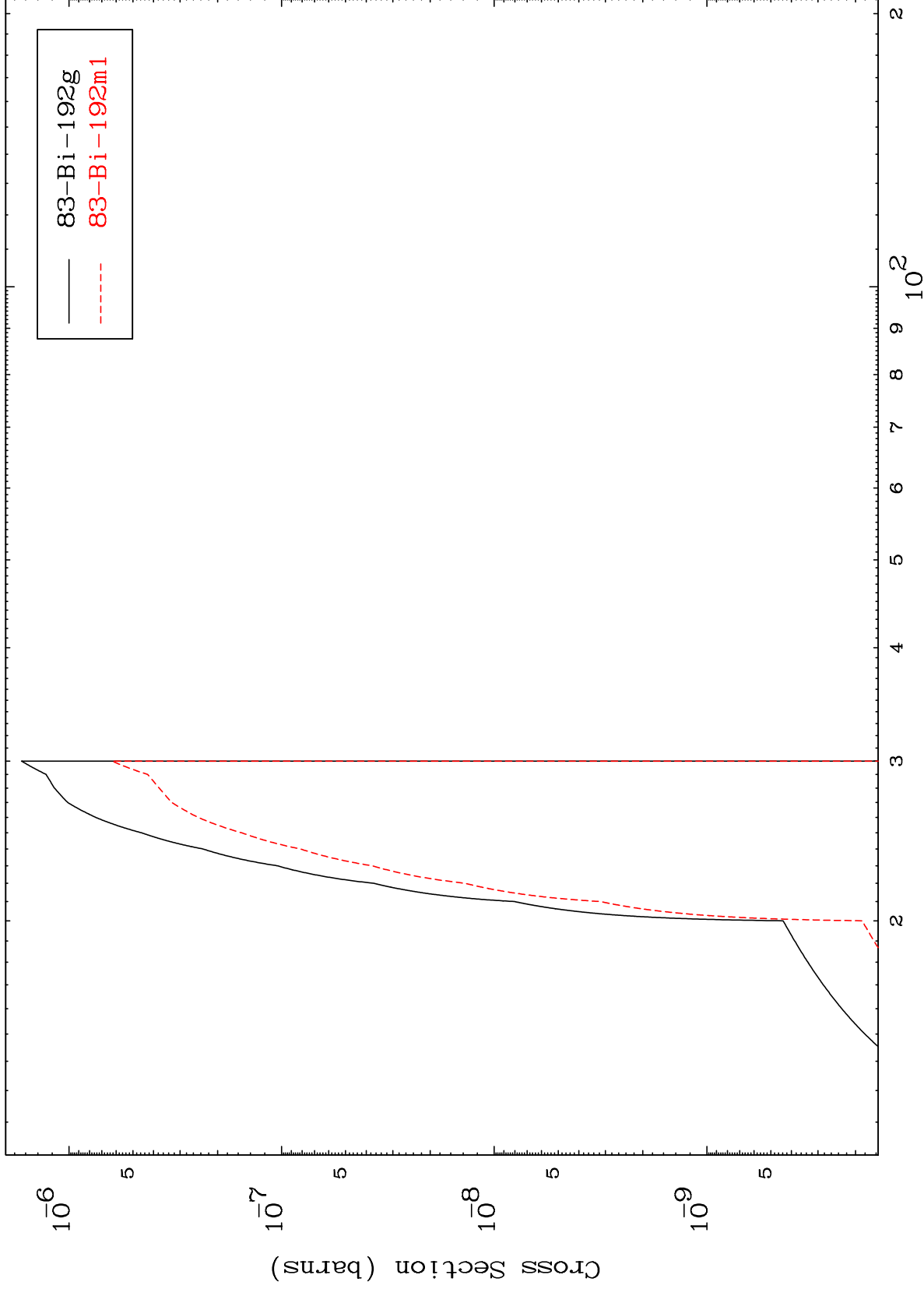
85-At-198m

MAT 8511

(n,3n) α

85-At-198m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

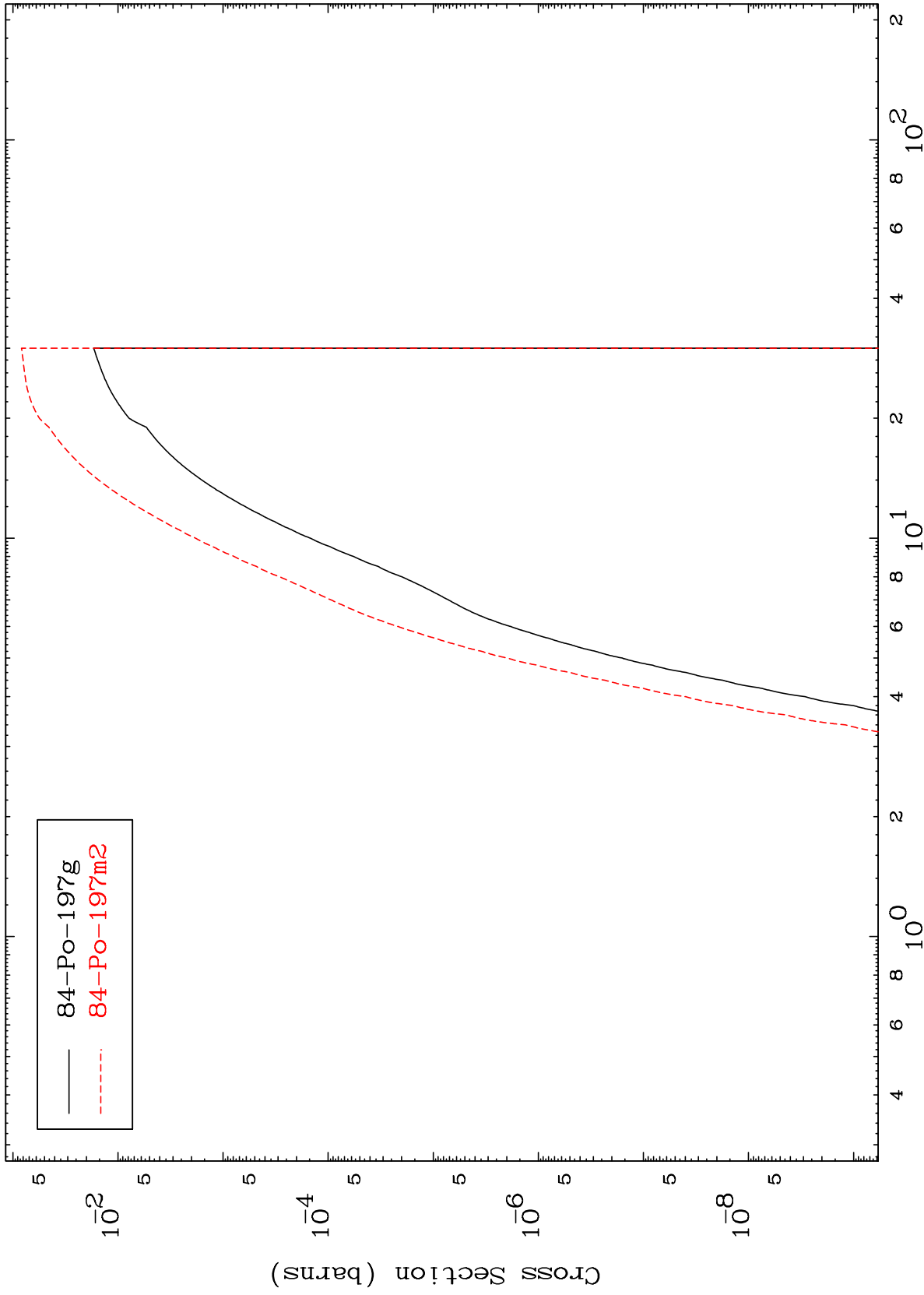
85-At-198m

MAT 8511

(n,n') p

85-At-198m

Radionuclide Production Cross Section



26

Incident Energy (MeV)

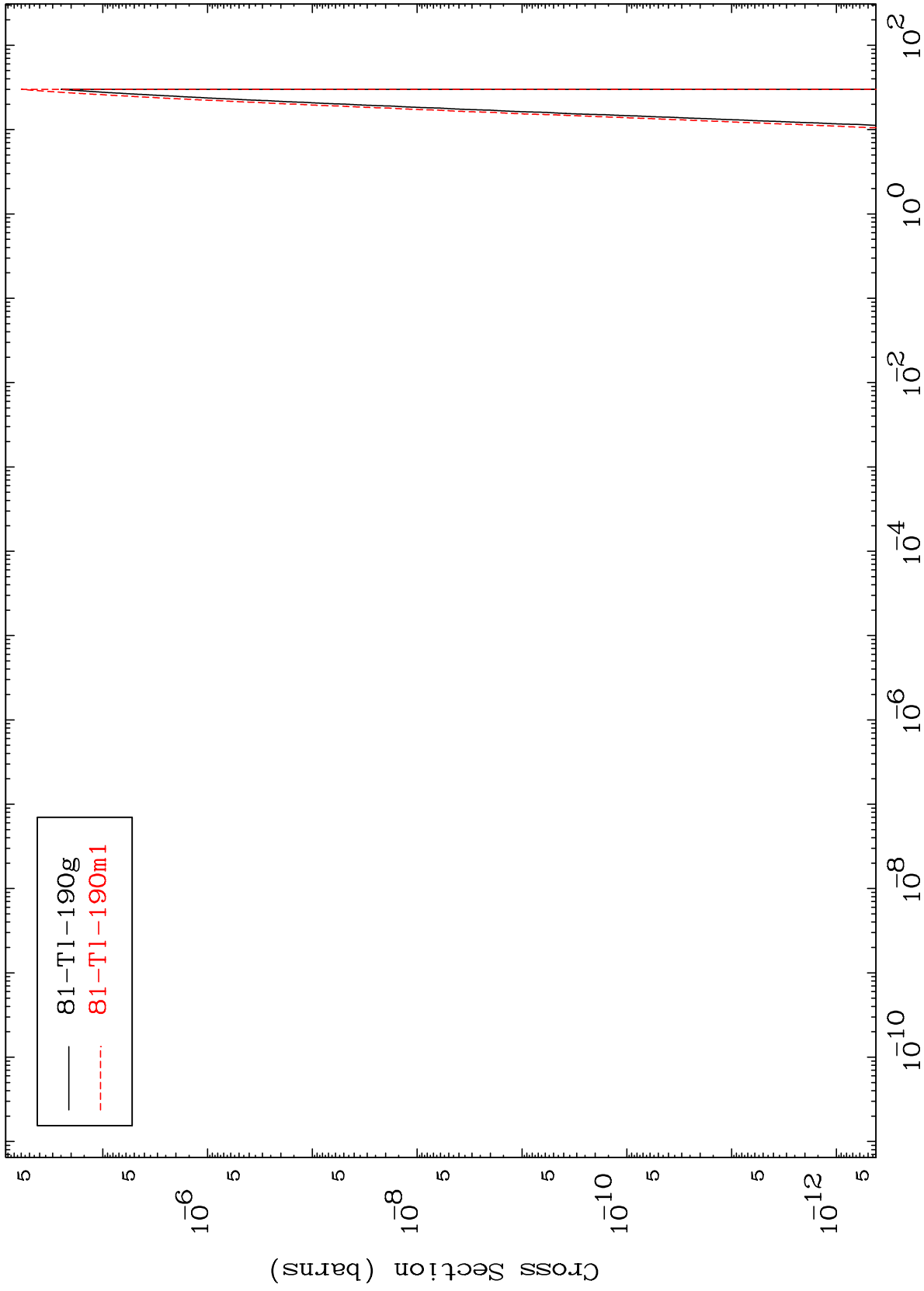
85-At-198m

MAT 8511

(n,n') 2 α

85-At-198m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

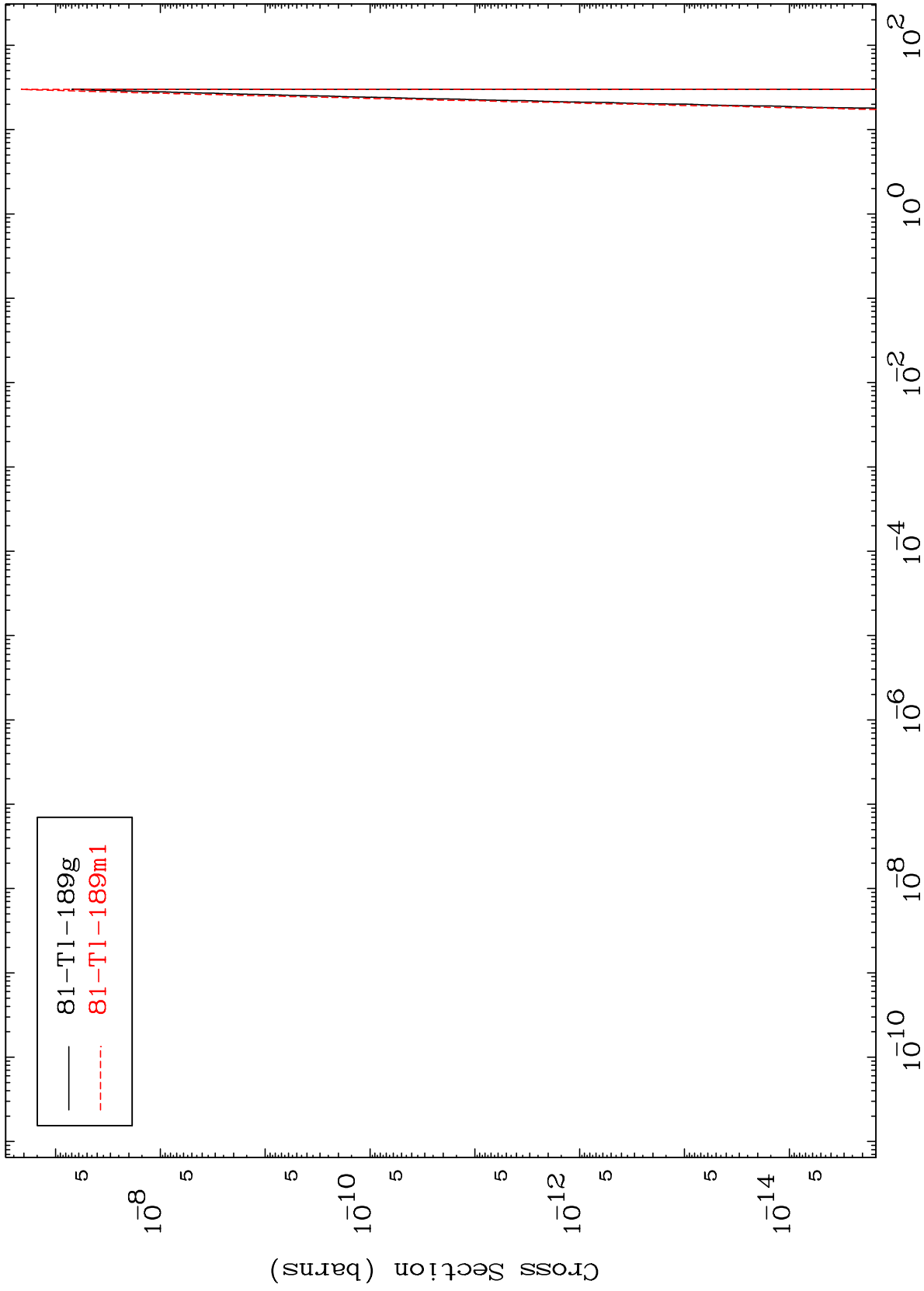
85-At-198m

MAT 8511

(n,2n) 2 α

85-At-198m

Radionuclide Production Cross Section



28

Incident Energy (MeV)

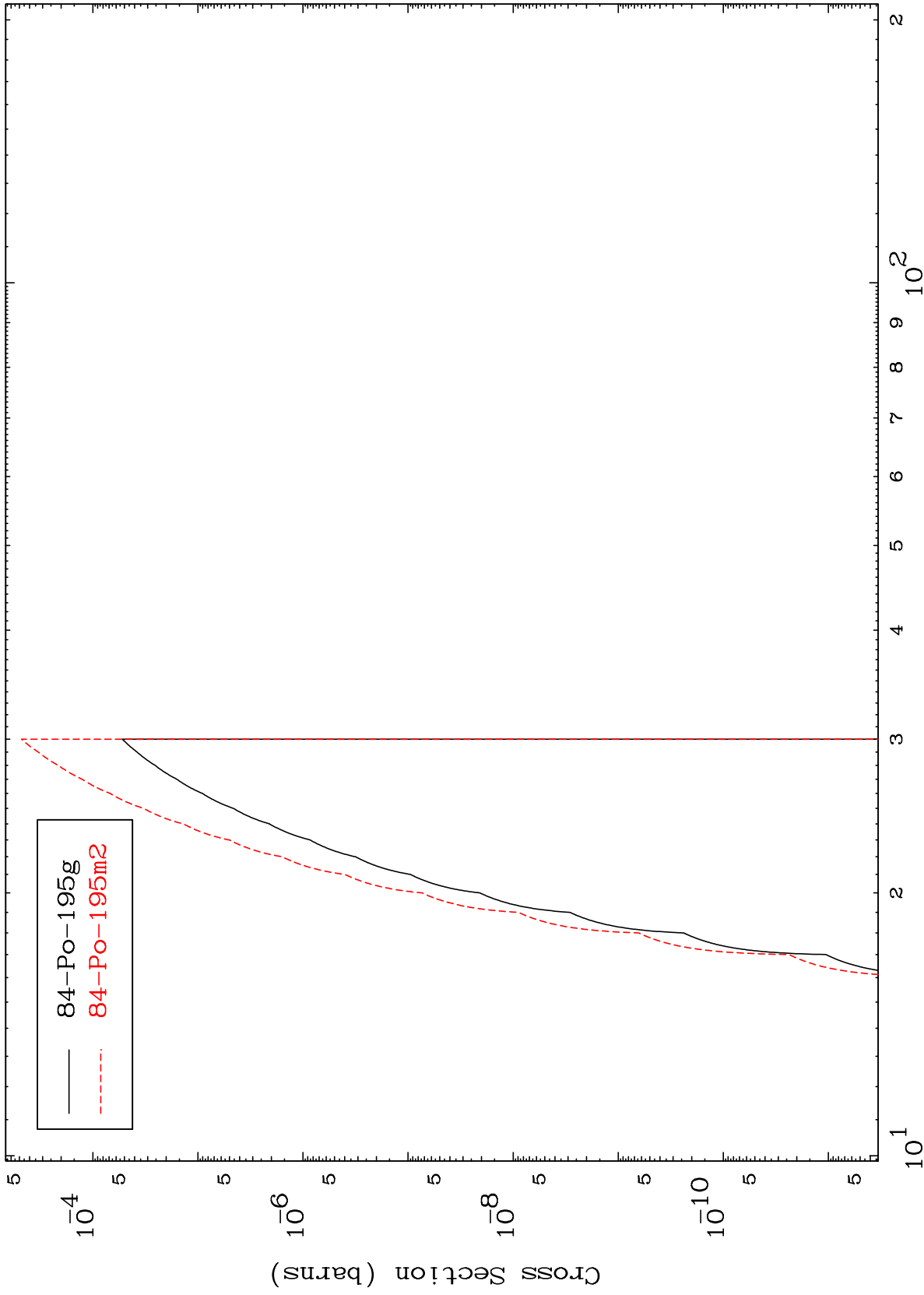
85-At-198m

MAT 8511

(n,n') t

85-At-198m

Radionuclide Production Cross Section

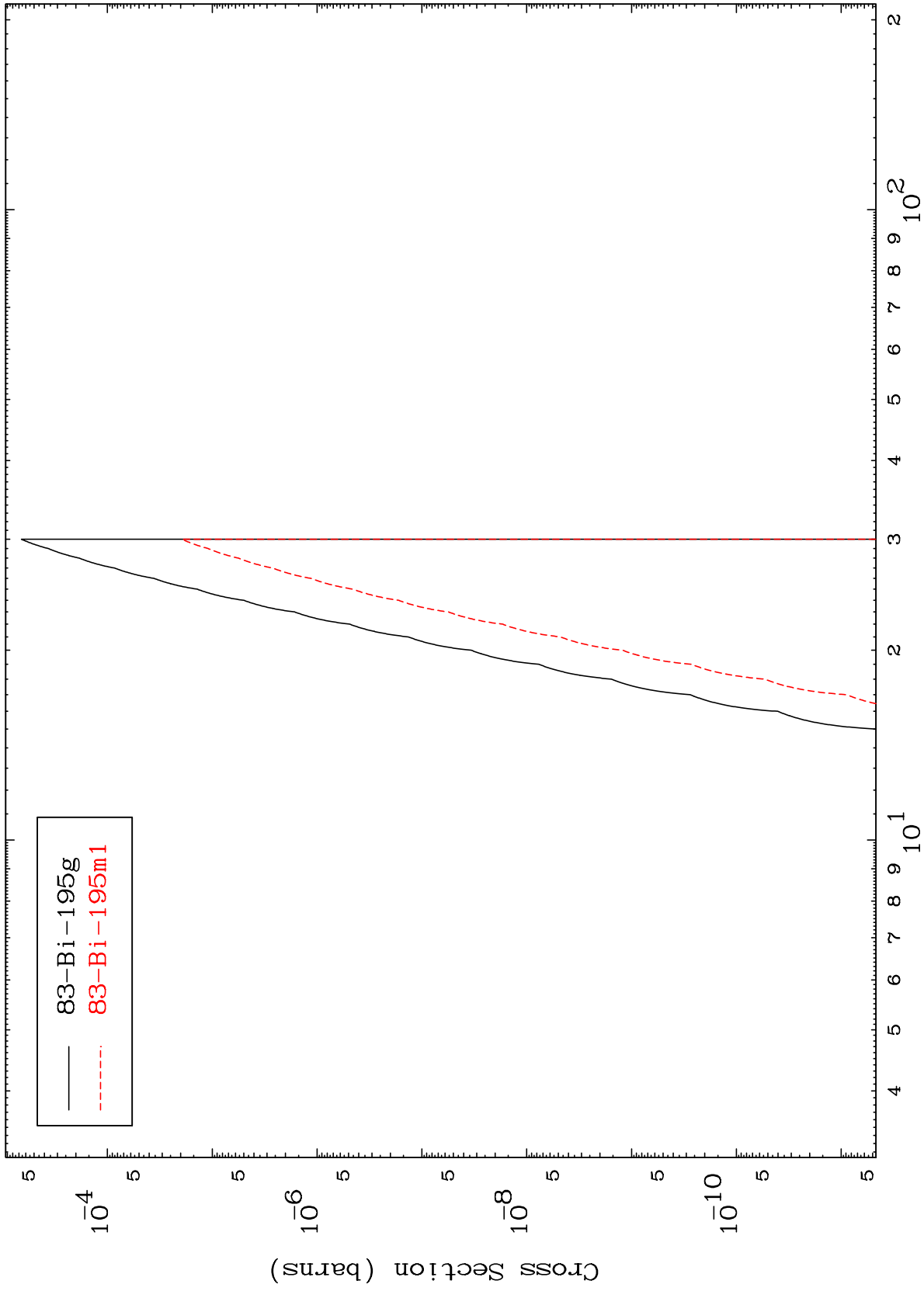


MAT 8511

(n, n') He-3

85-At-198m

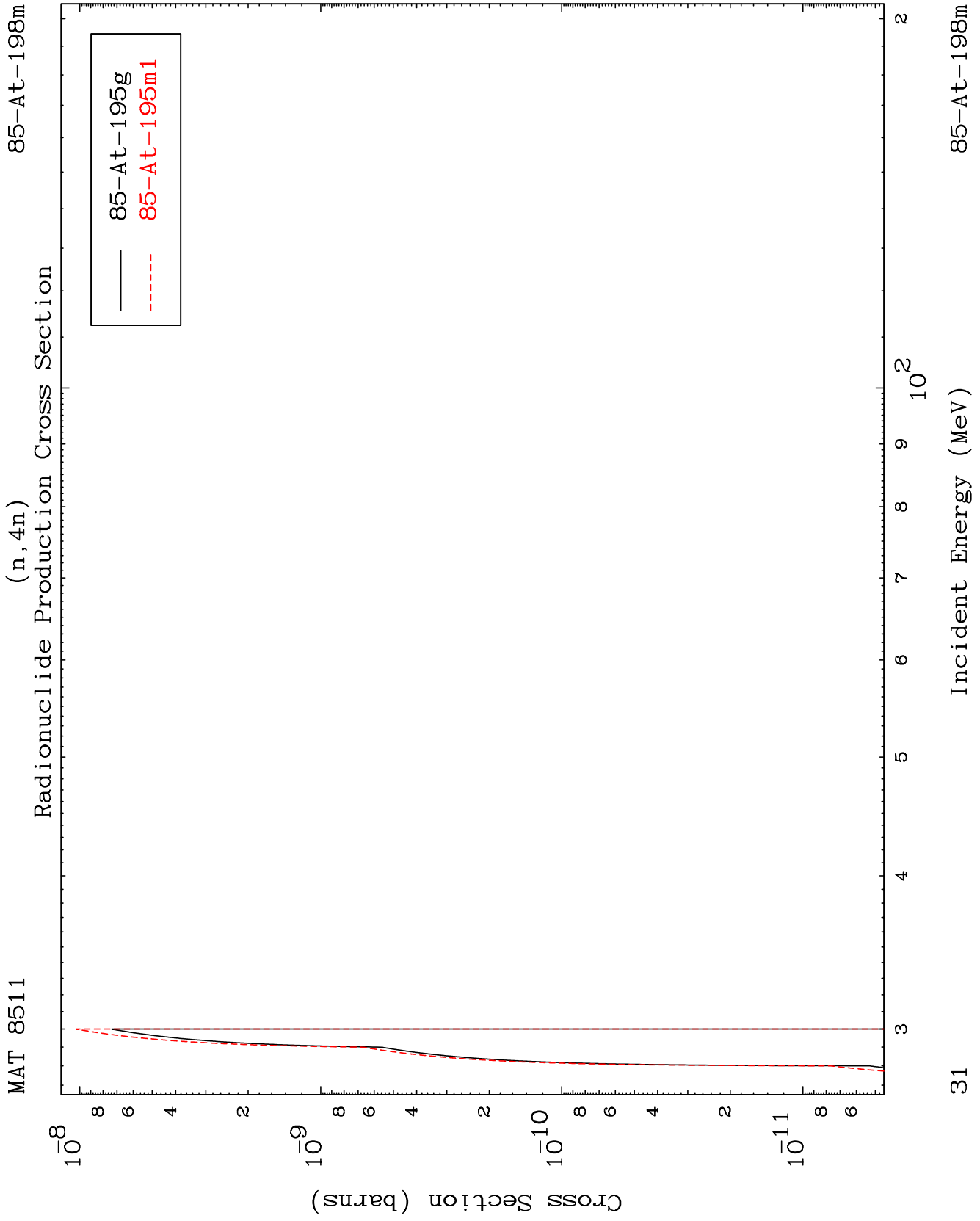
Radionuclide Production Cross Section



30

Incident Energy (MeV)

85-At-198m

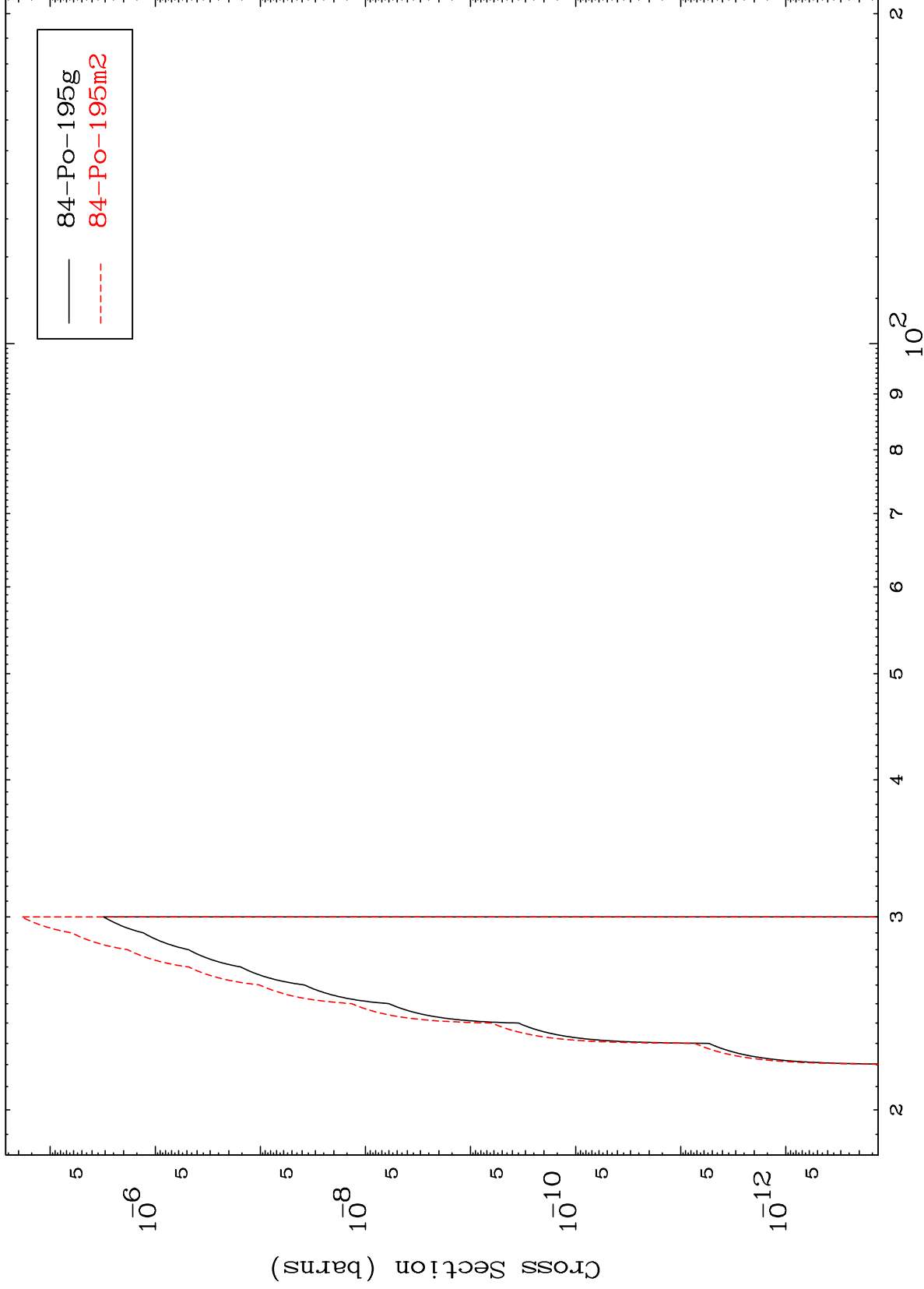


MAT 8511

(n,3n) p

85-At-198m

Radionuclide Production Cross Section



32

Incident Energy (MeV)

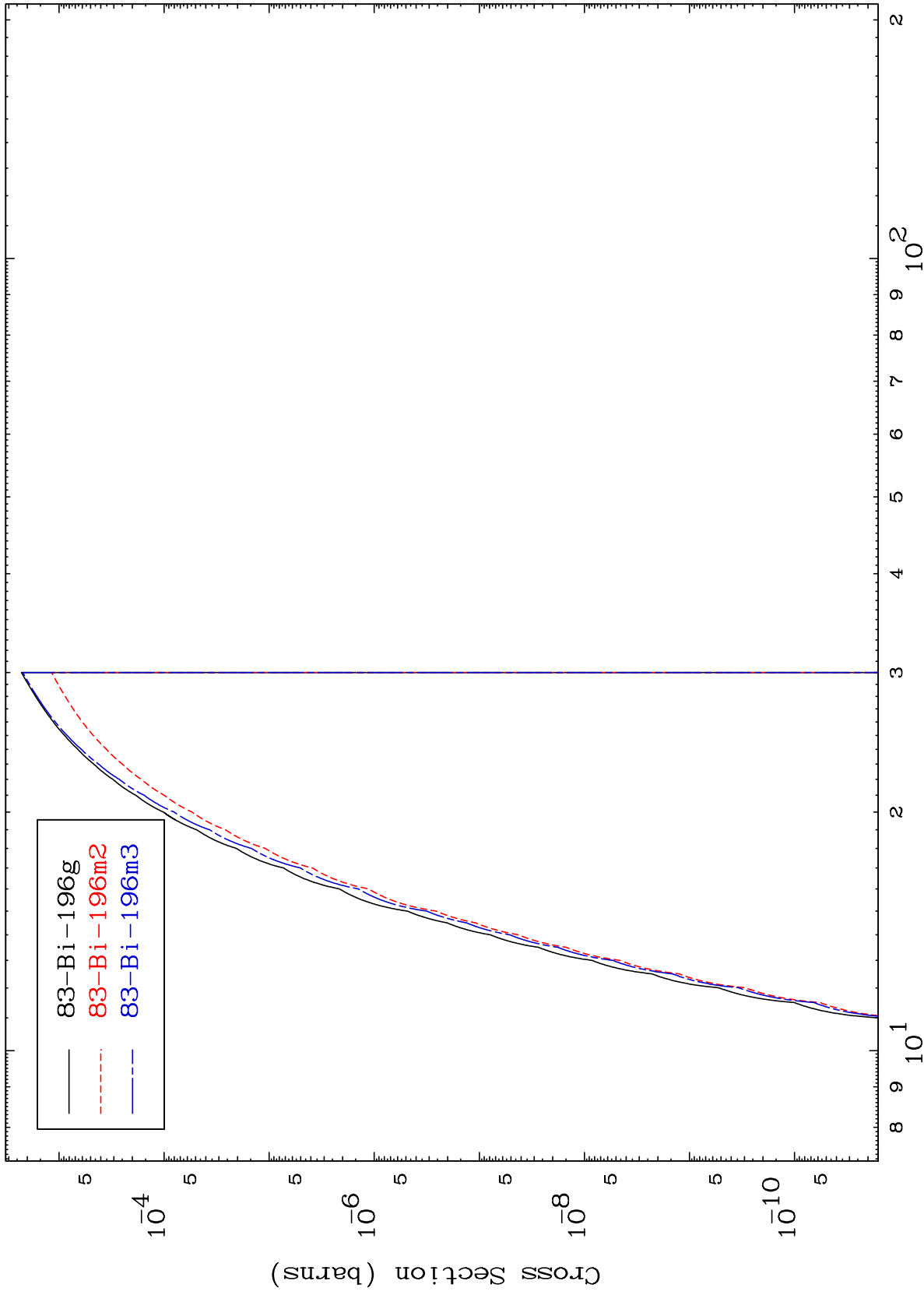
85-At-198m

MAT 8511

(n,2n) p

85-At-198m

Radionuclide Production Cross Section



33

Incident Energy (MeV)

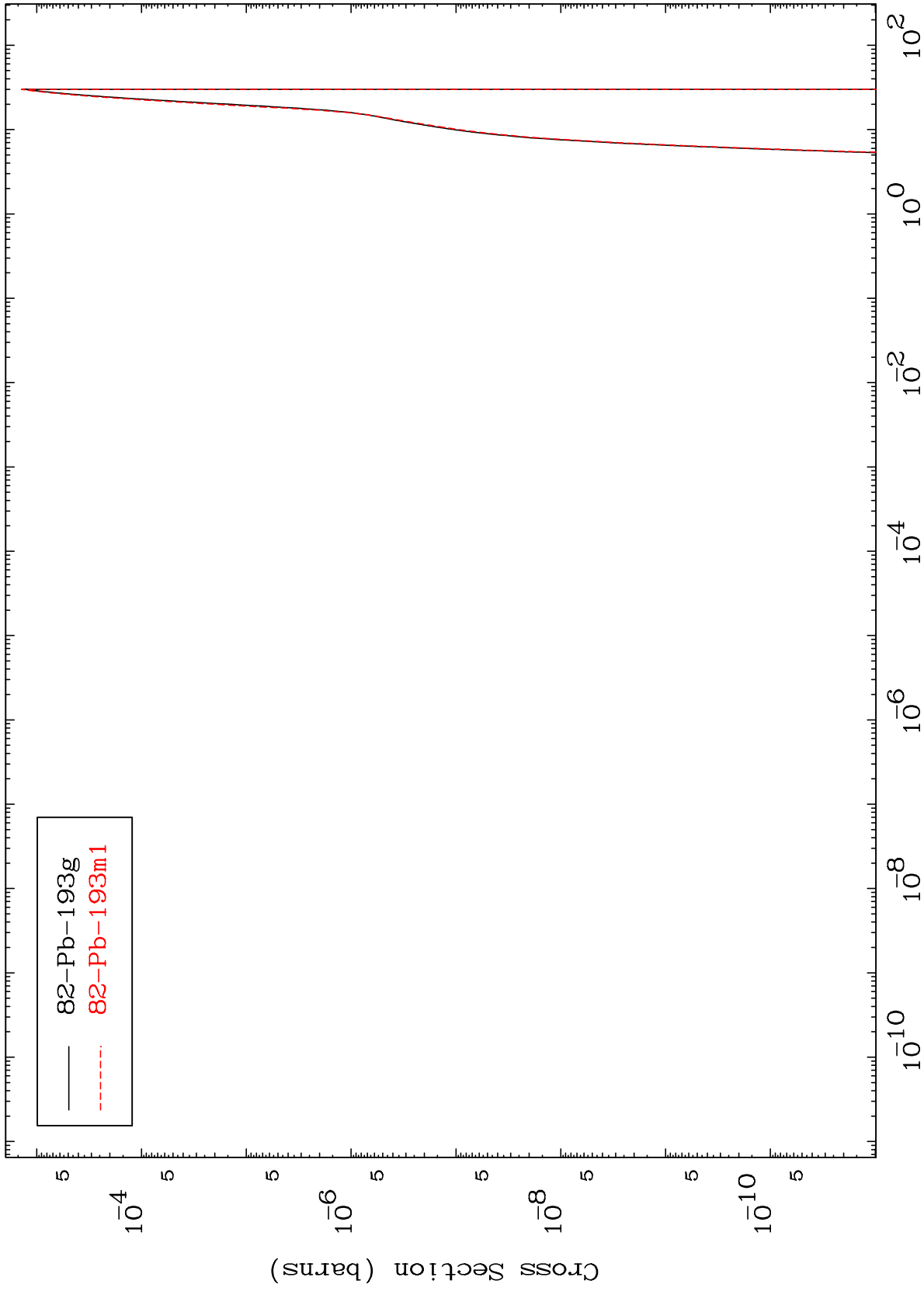
85-At-198m

MAT 8511

(n,n') p α

85-At-198m

Radionuclide Production Cross Section



34

Incident Energy (MeV)

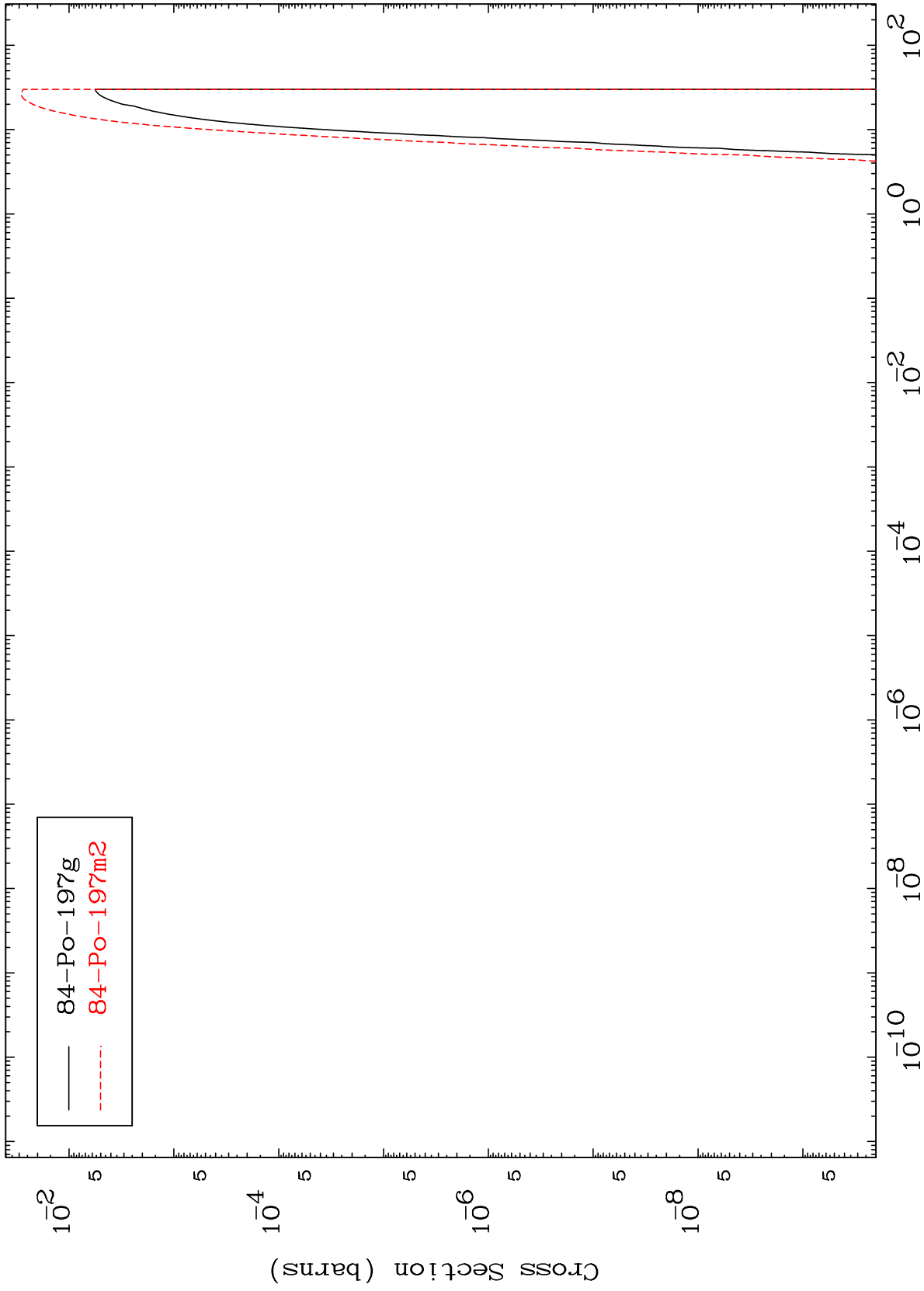
85-At-198m

MAT 8511

(n,d)

85-At-198m

Radionuclide Production Cross Section



35

Incident Energy (MeV)

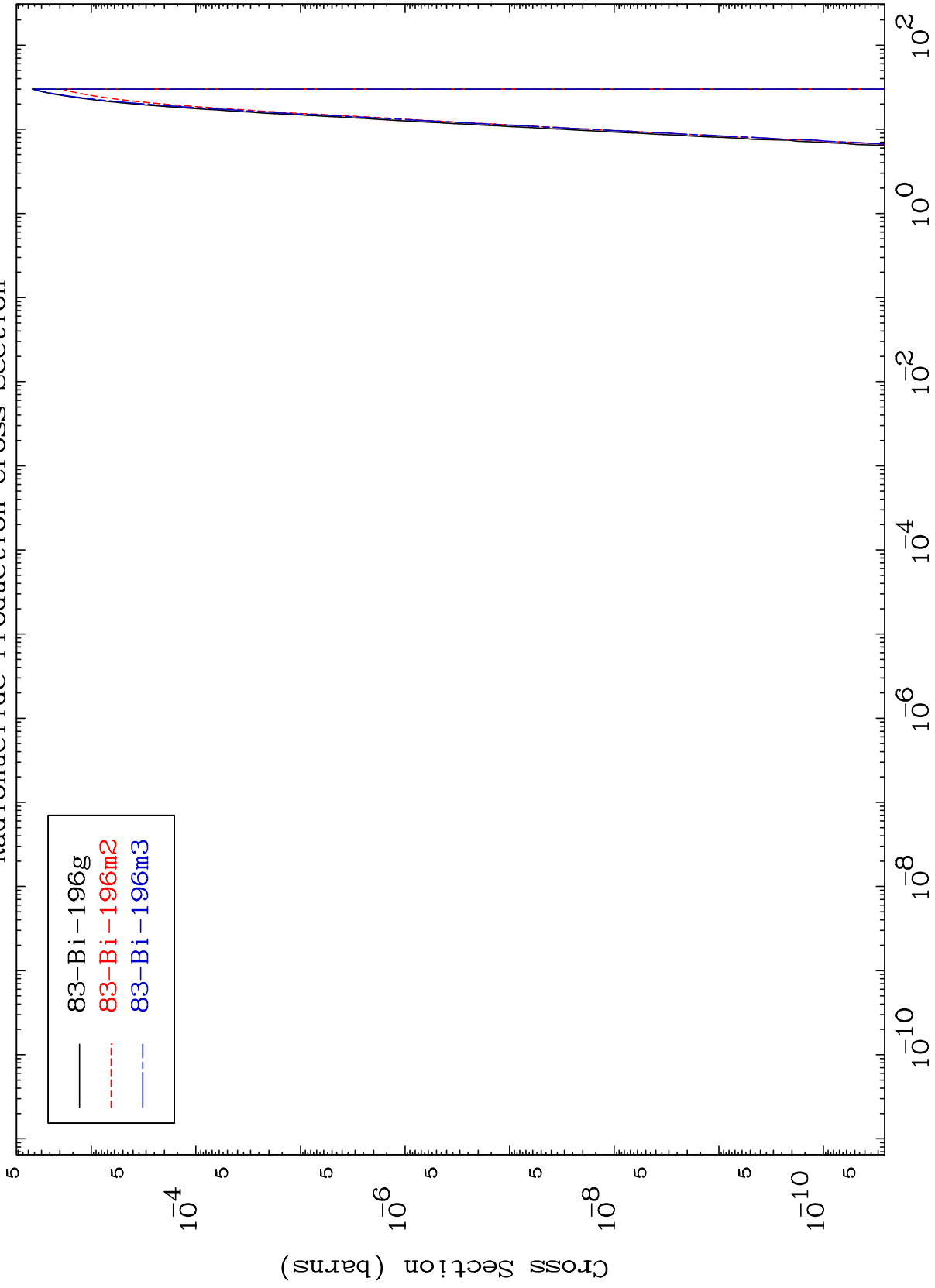
85-At-198m

MAT 8511

(n, He-3)

85-At-198m

Radionuclide Production Cross Section



36

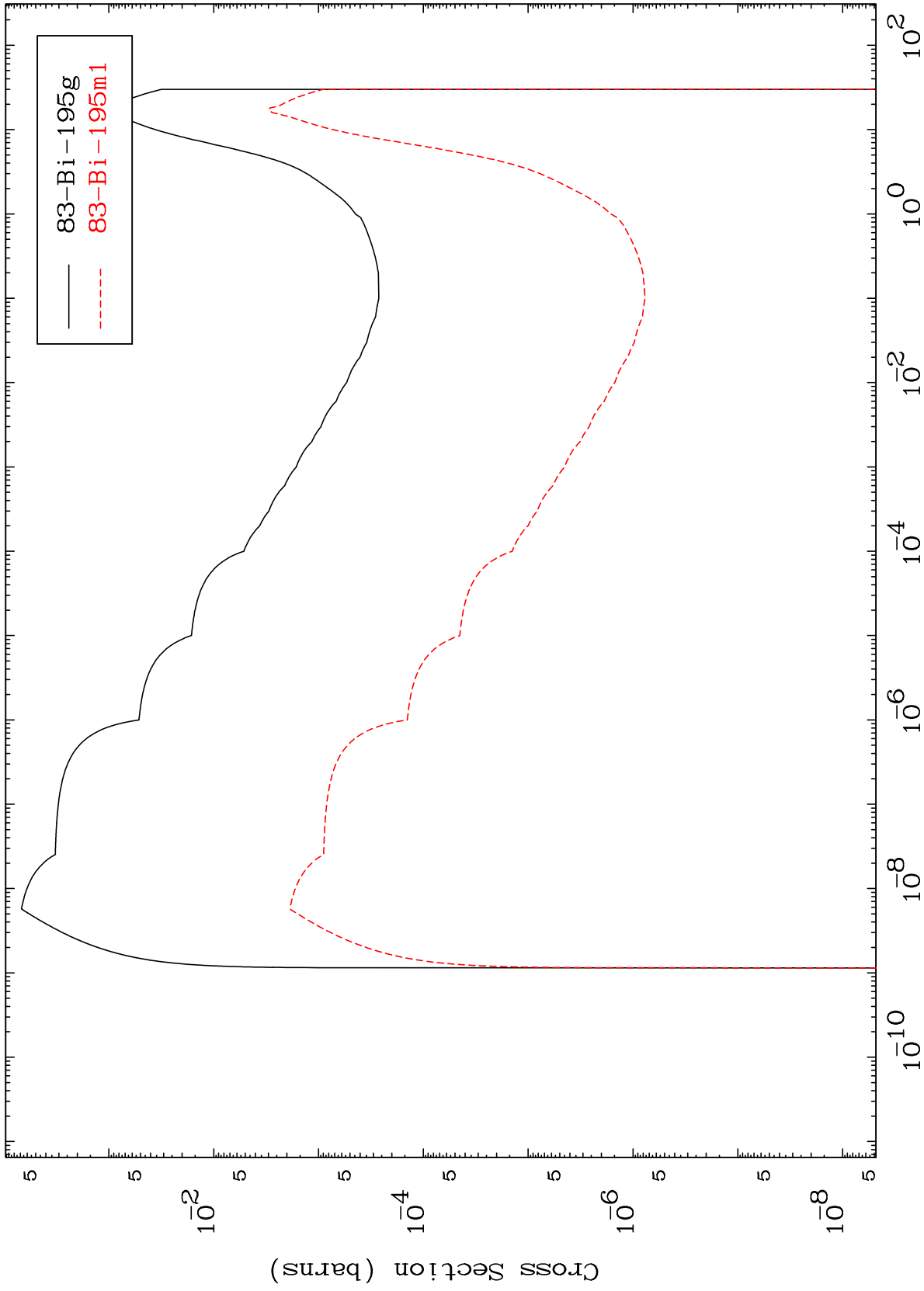
Incident Energy (MeV)

85-At-198m

MAT 8511

85-At-198m

(n,α)
Radionuclide Production Cross Section



37

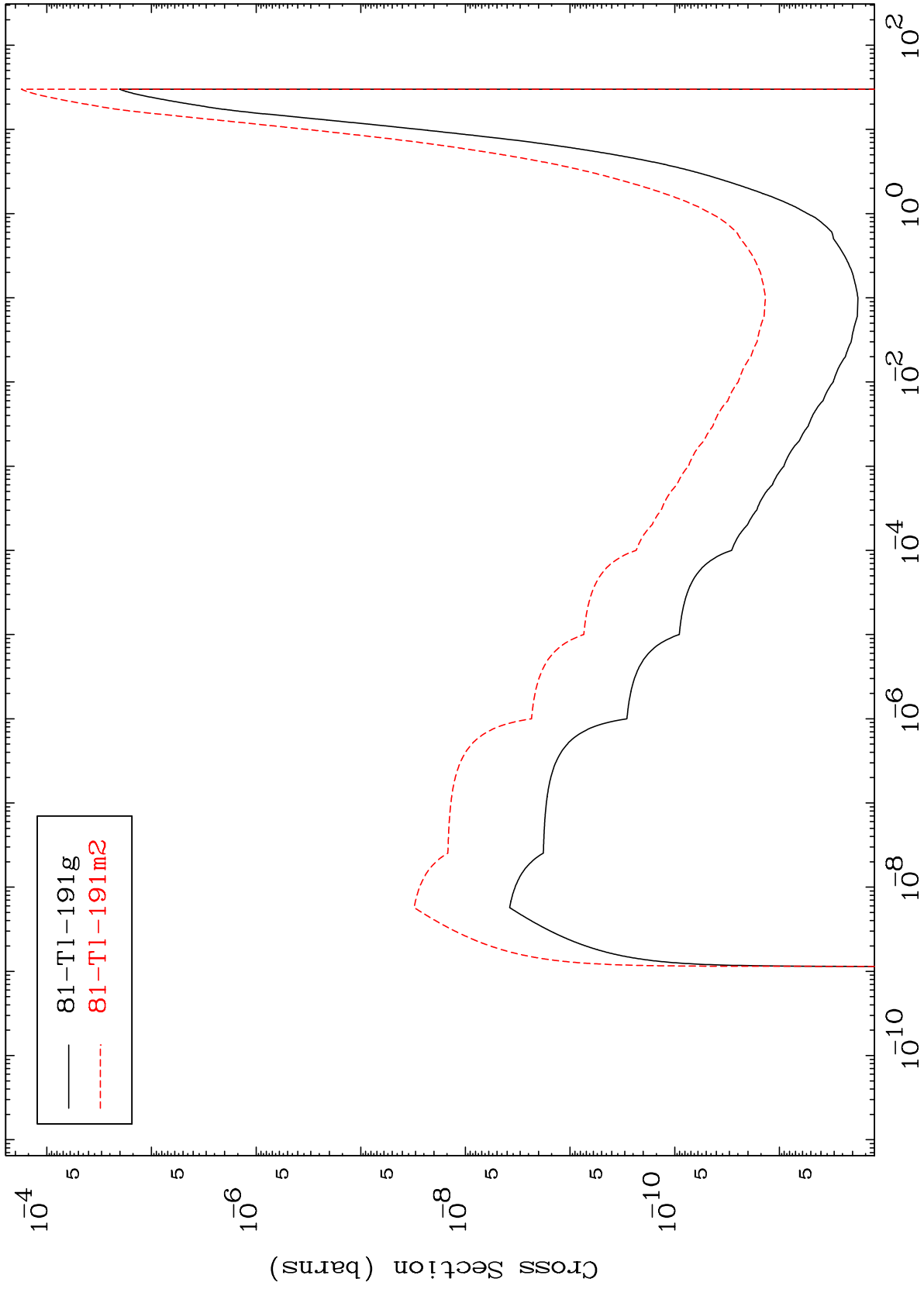
85-At-198m

MAT 8511

(n,2α)

85-At-198m

Radionuclide Production Cross Section



38

Incident Energy (MeV)

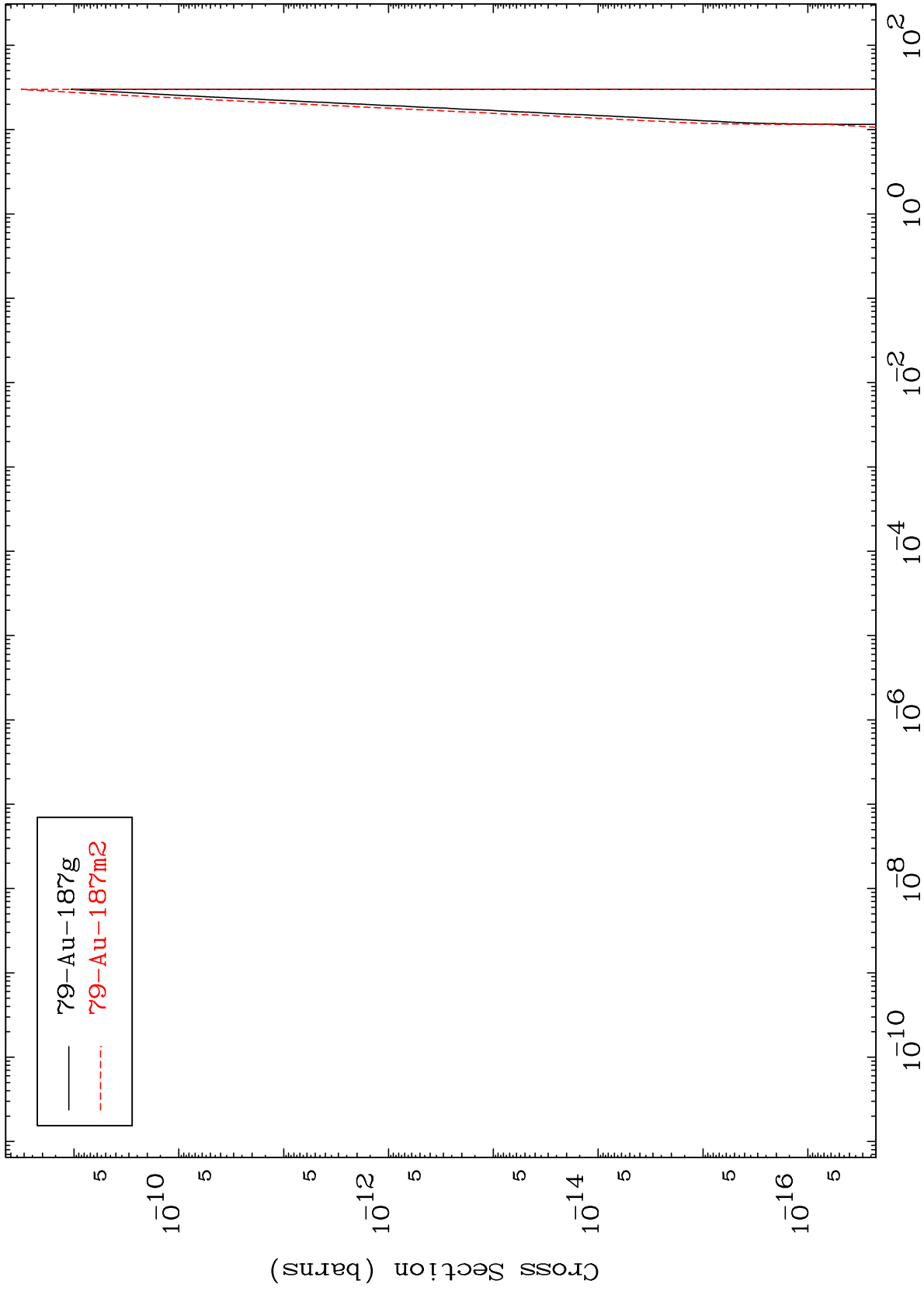
85-At-198m

MAT 8511

(n,3α)

85-At-198m

Radionuclide Production Cross Section



39

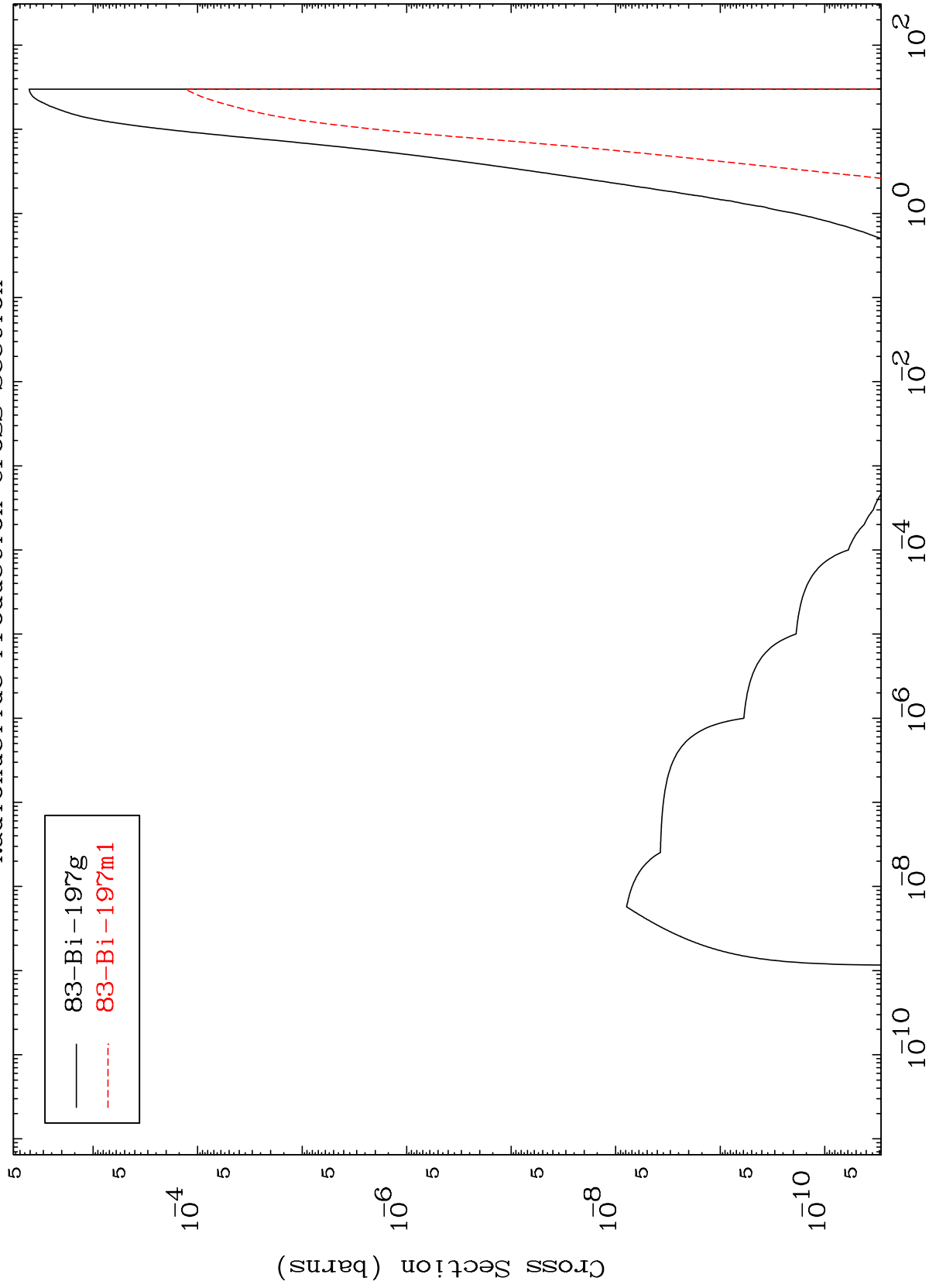
Incident Energy (MeV)

85-At-198m

MAT 8511

Radionuclide Production Cross Section
(n,2p)

85-At-198m



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

40

Incident Energy (MeV)

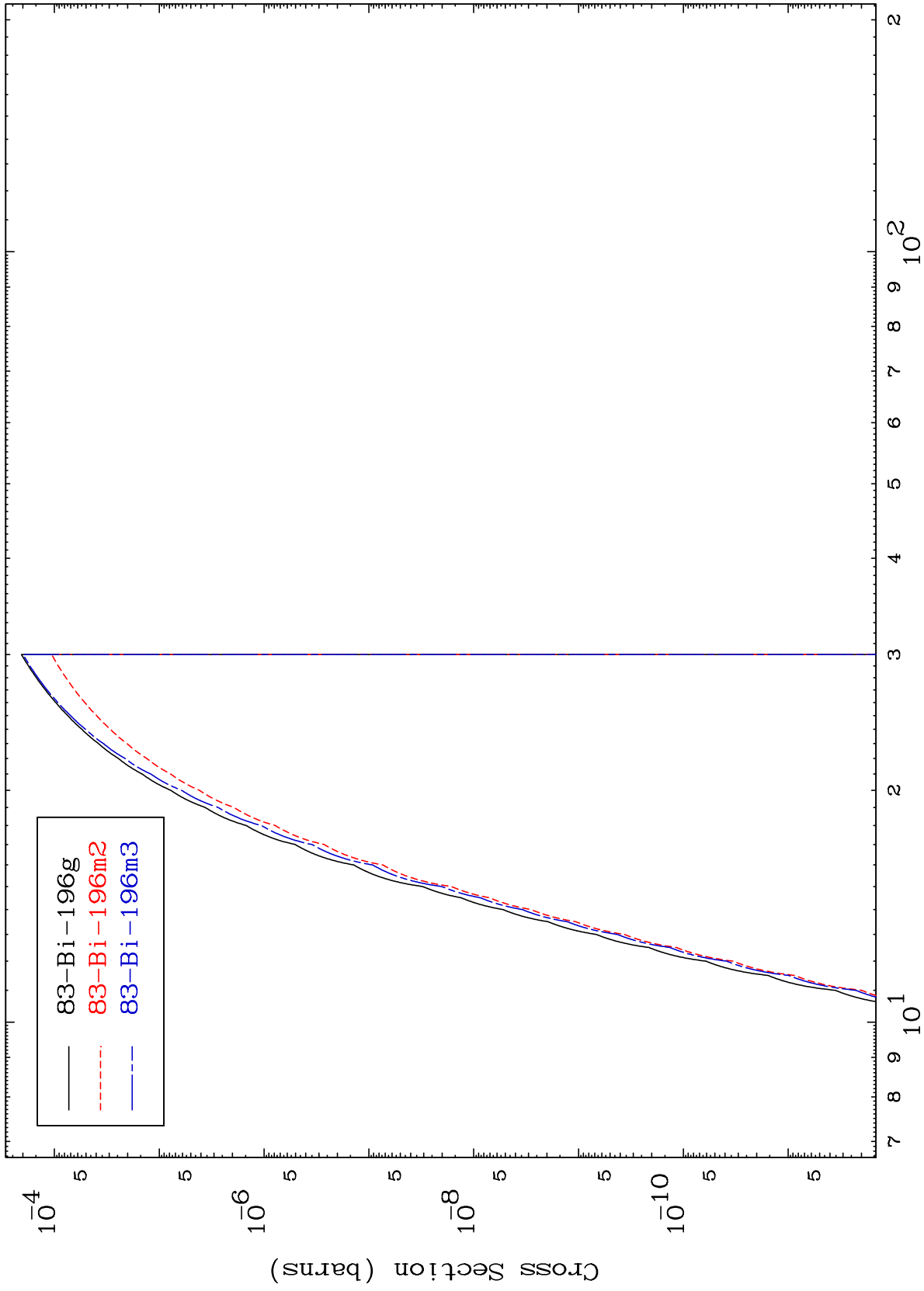
85-At-198m

MAT 8511

(n,p) d

85-At-198m

Radionuclide Production Cross Section



41

Incident Energy (MeV)

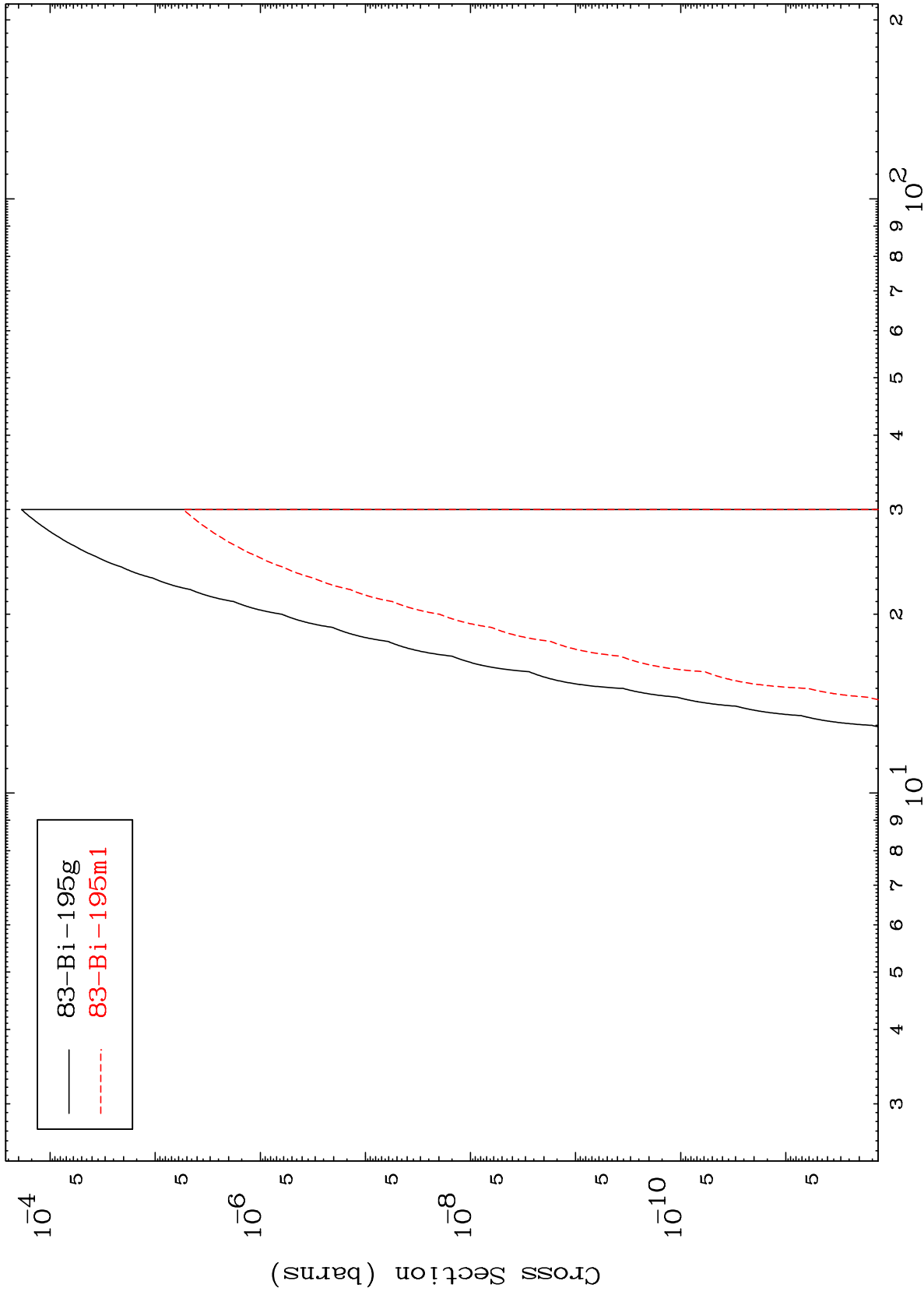
85-At-198m

MAT 8511

(n,p) t

85-At-198m

Radionuclide Production Cross Section



42

Incident Energy (MeV)

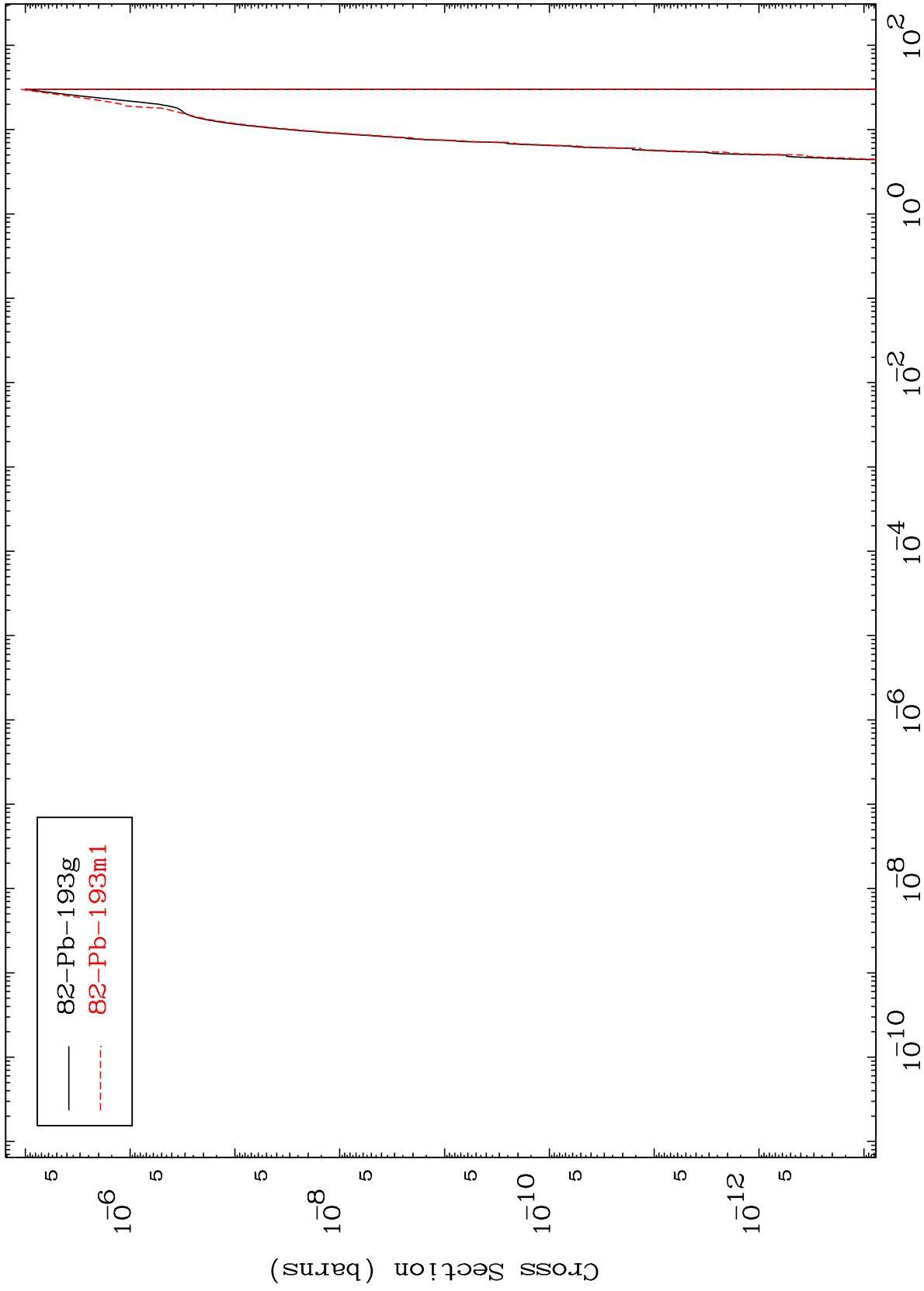
85-At-198m

MAT 8511

(n,d) α

85-At-198m

Radionuclide Production Cross Section



43

Incident Energy (MeV)

85-At-198m