

Program EVALPLOT
(Version 2021-1)

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

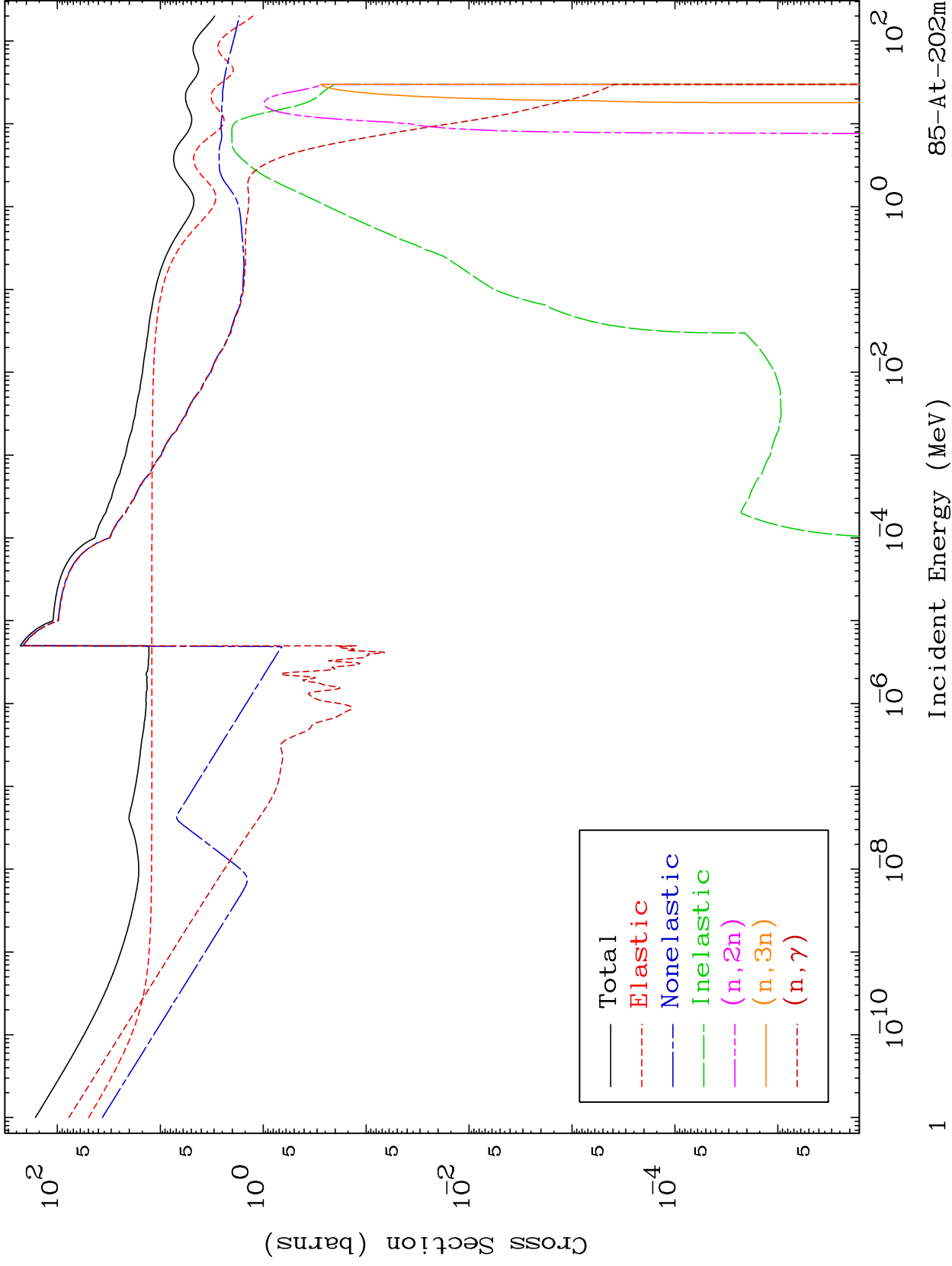
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8523

Neutron Major
293 Kelvin Cross Sections

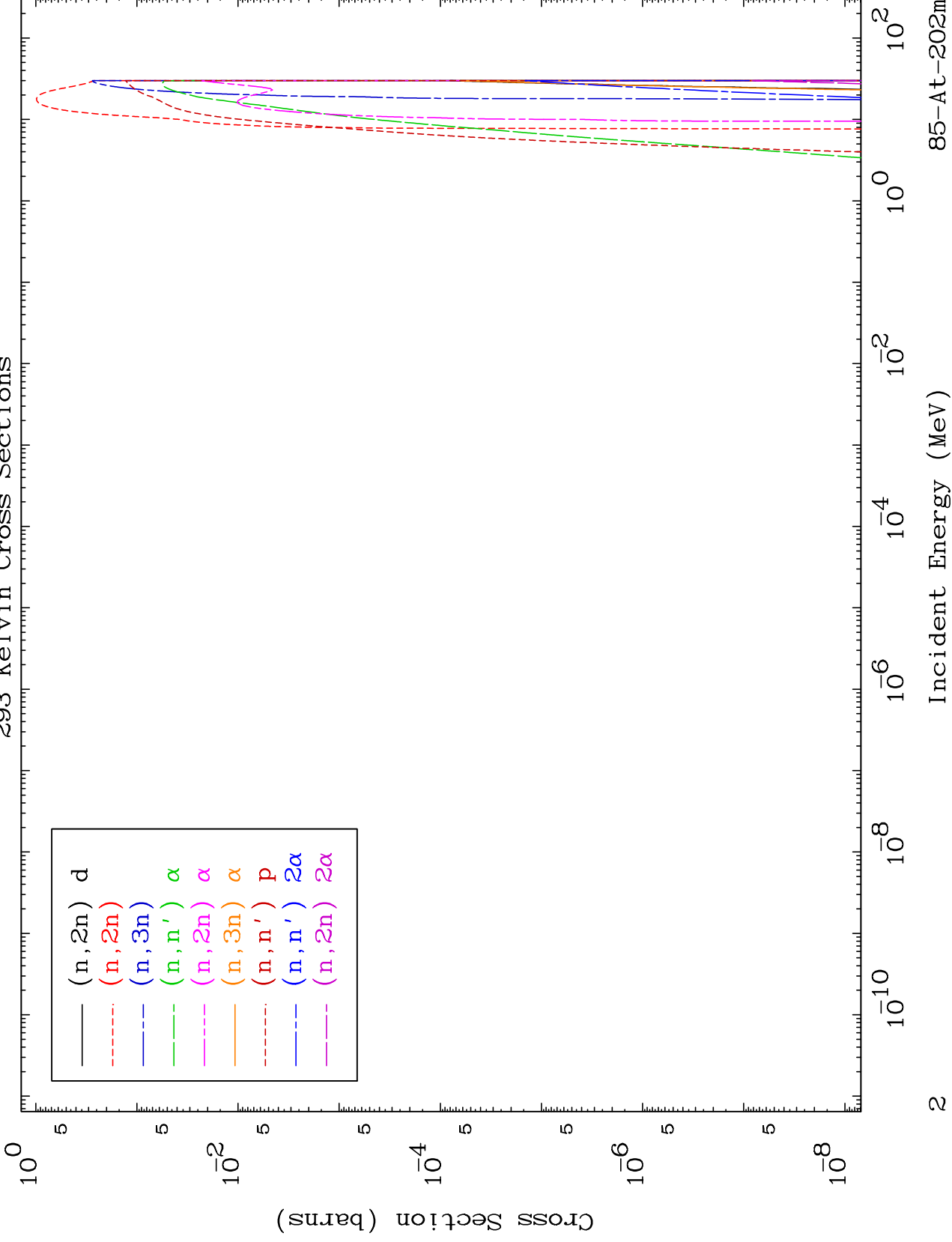
85-At-202m



MAT 8523

Neutron Absorption
293 Kelvin Cross Sections

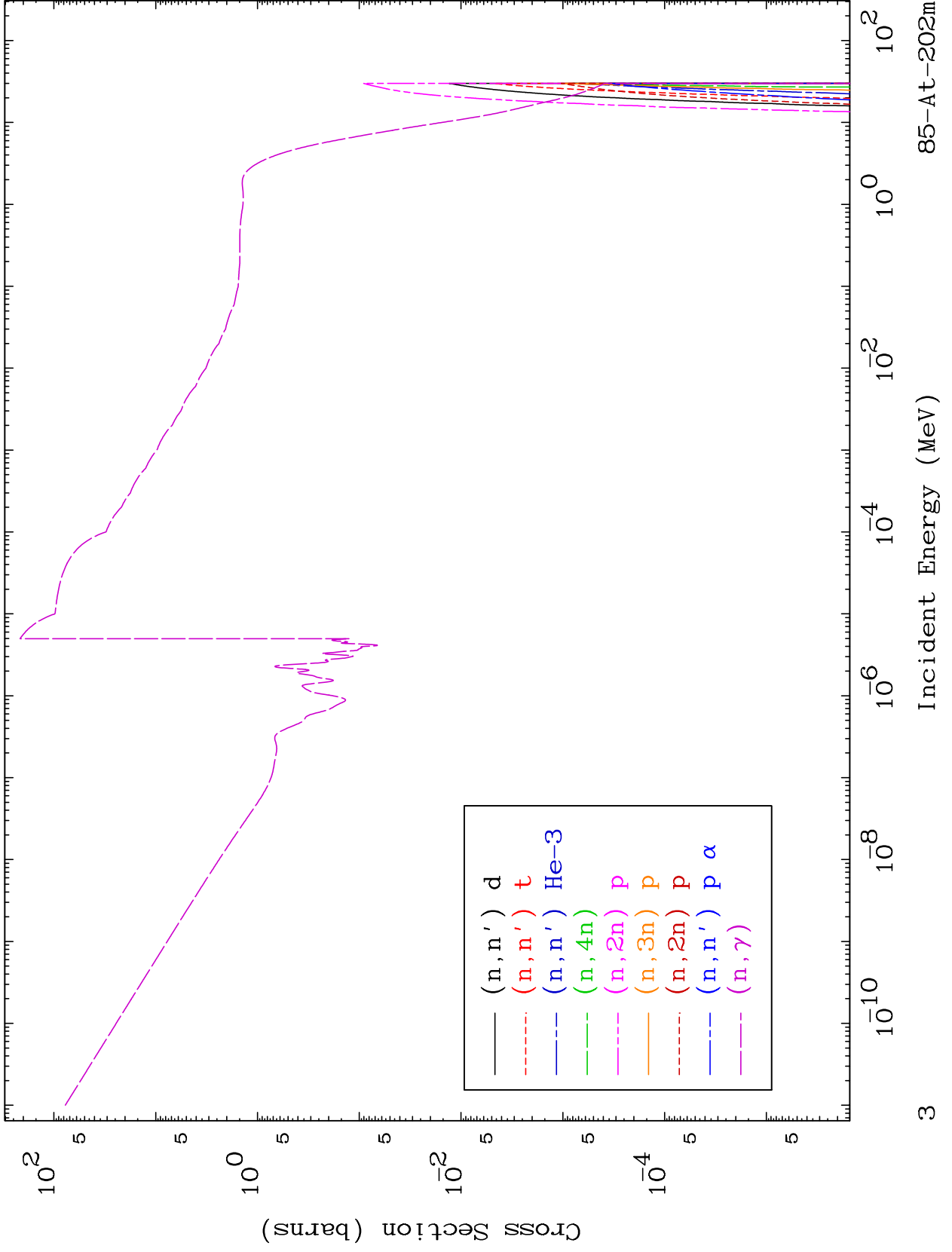
85-At-202m



MAT 8523

Neutron Absorption
293 Kelvin Cross Sections

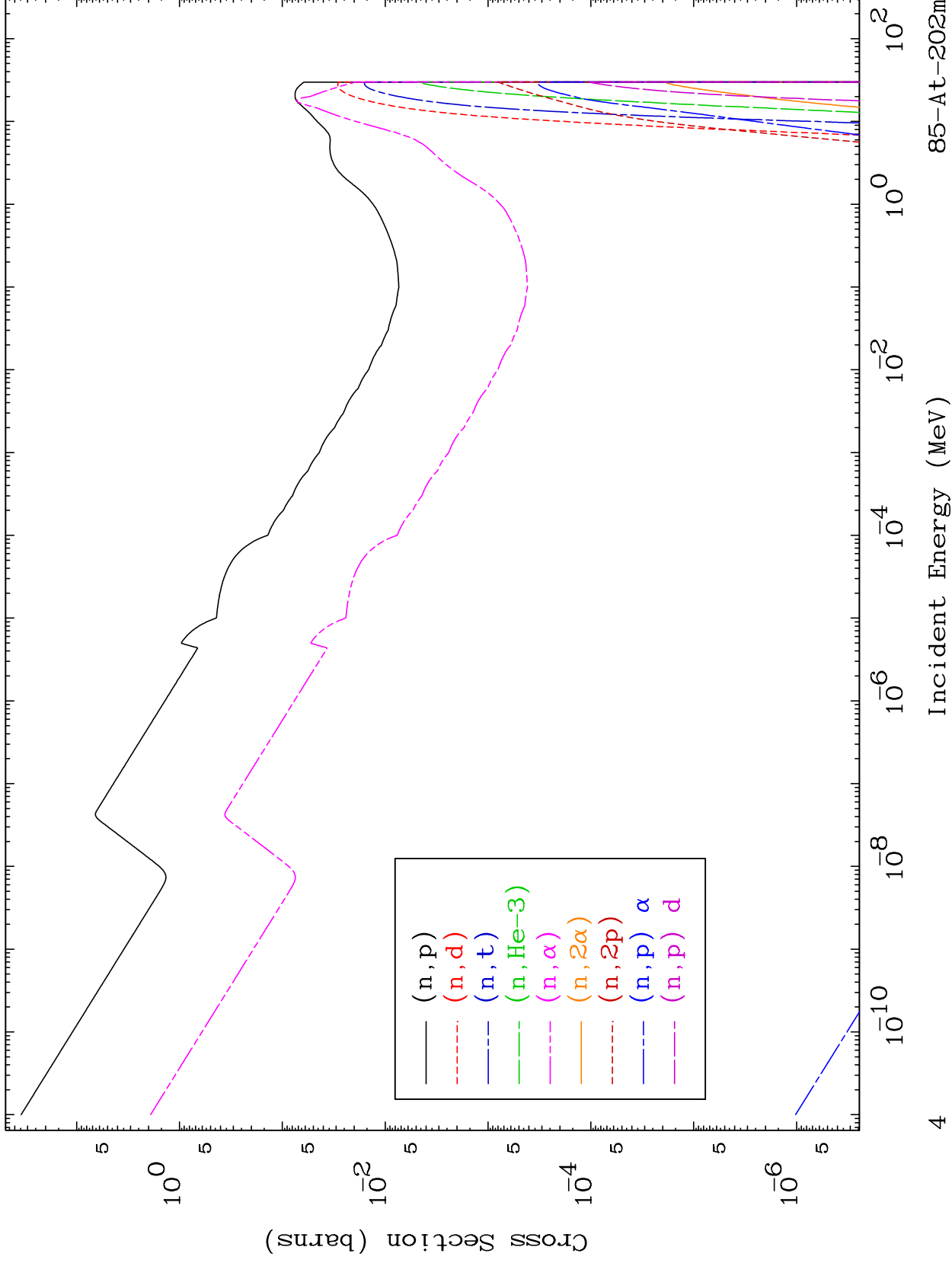
85-At-202m



MAT 8523

Neutron Absorption
293 Kelvin Cross Sections

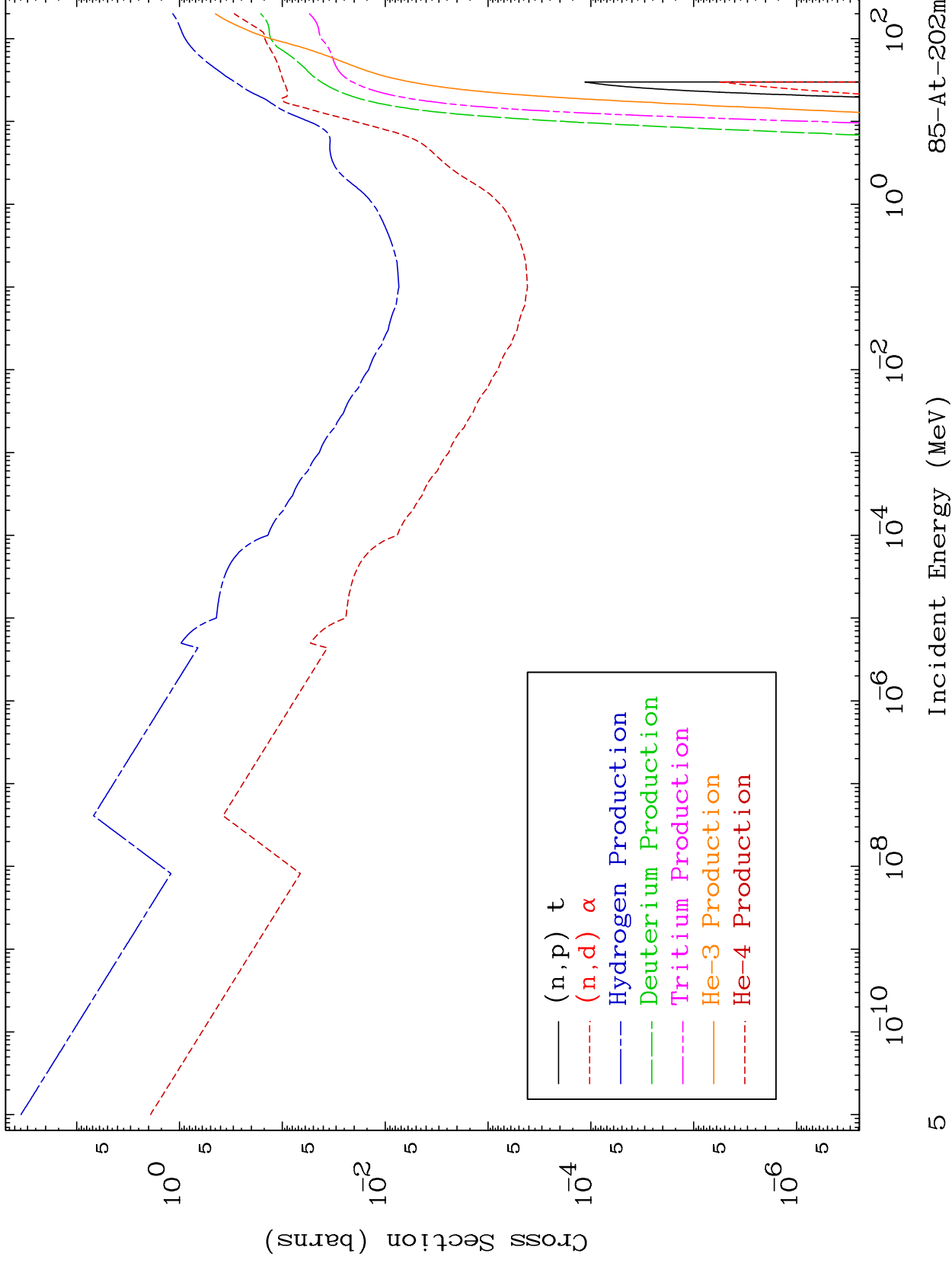
85-At-202m



MAT 8523

Neutron Absorption
293 Kelvin Cross Sections

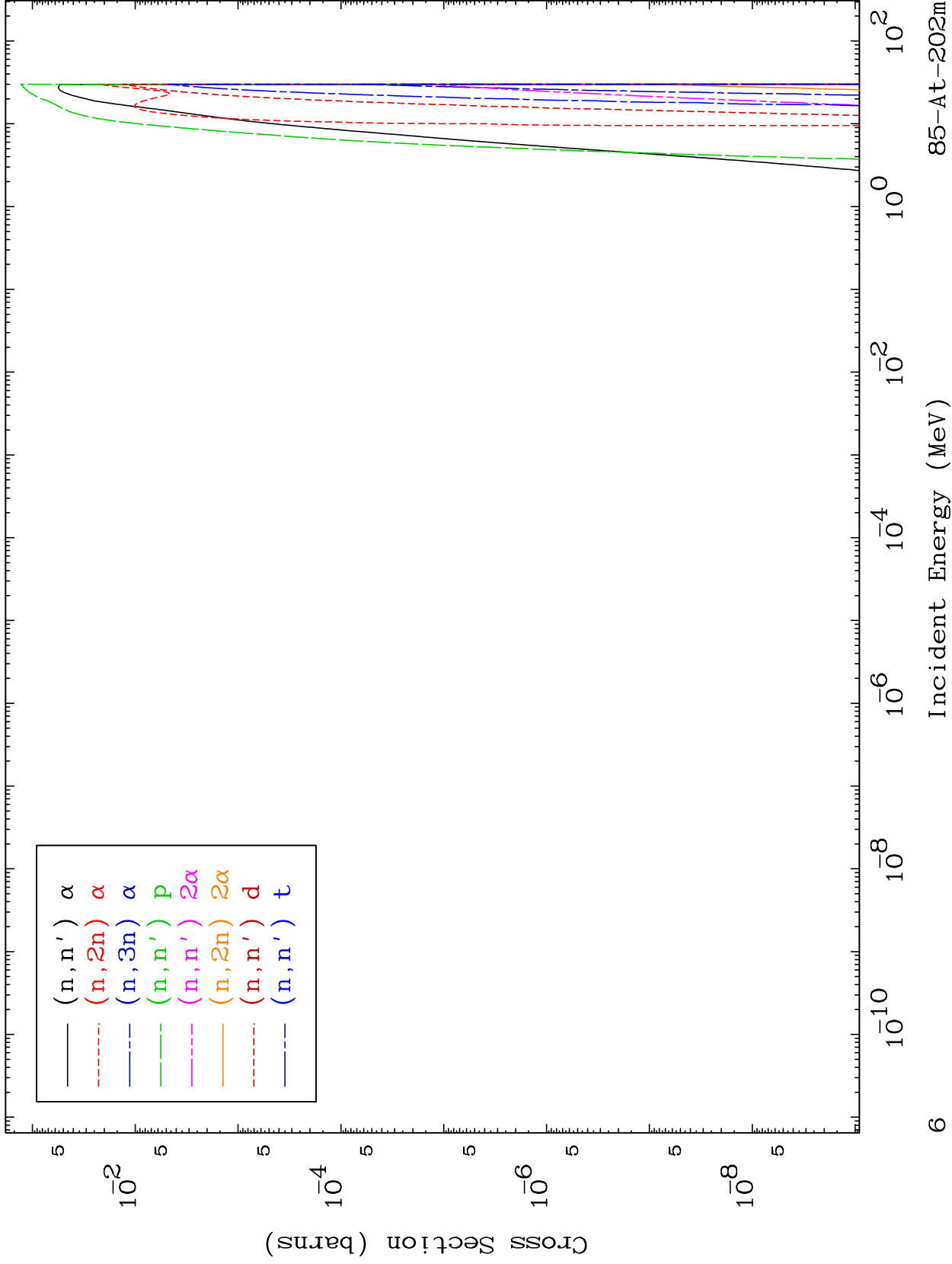
85-At-202m



MAT 8523

Charged Particle
293 Kelvin Cross Sections

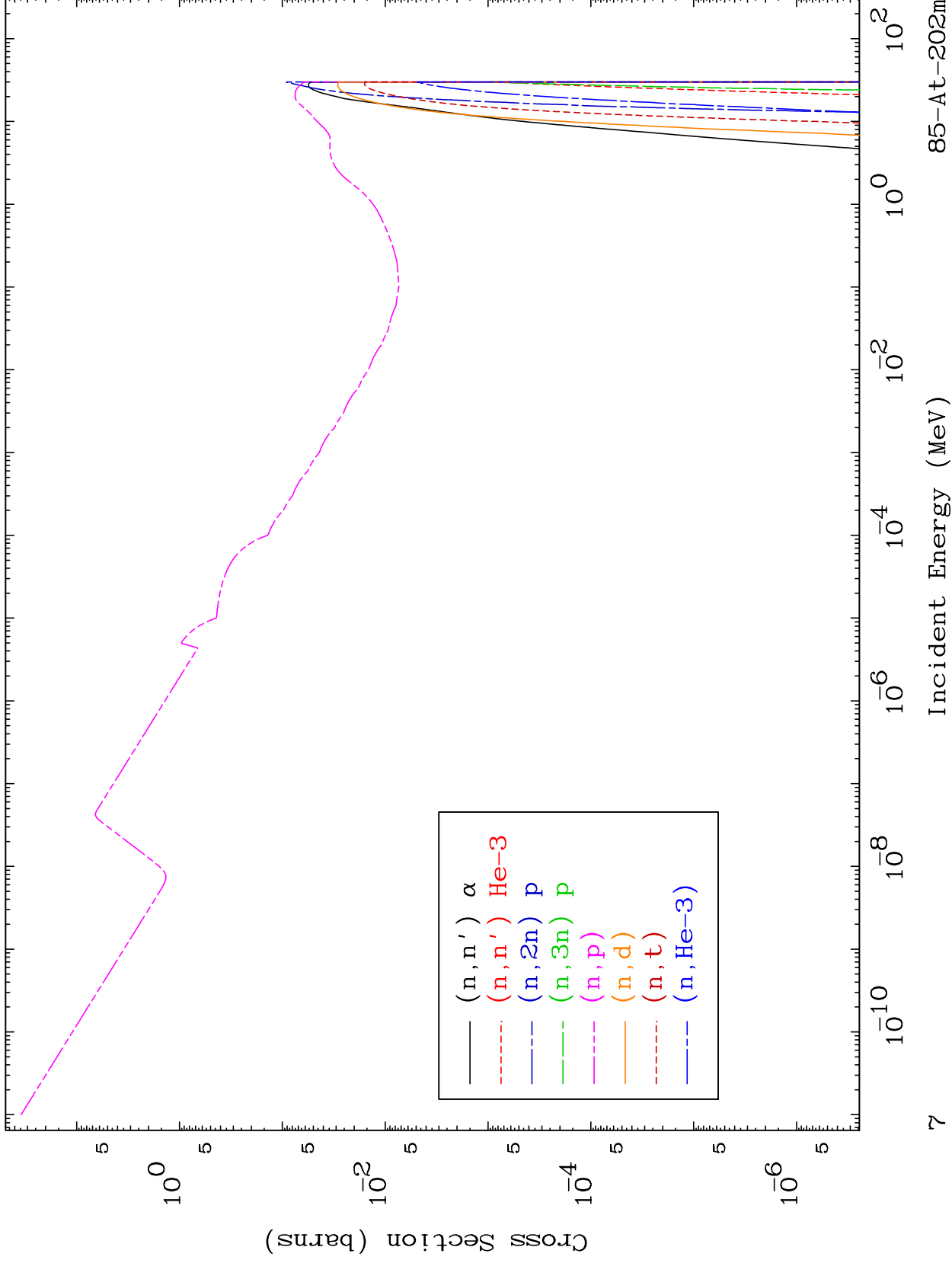
85-At-202m



MAT 8523

Charged Particle
293 Kelvin Cross Sections

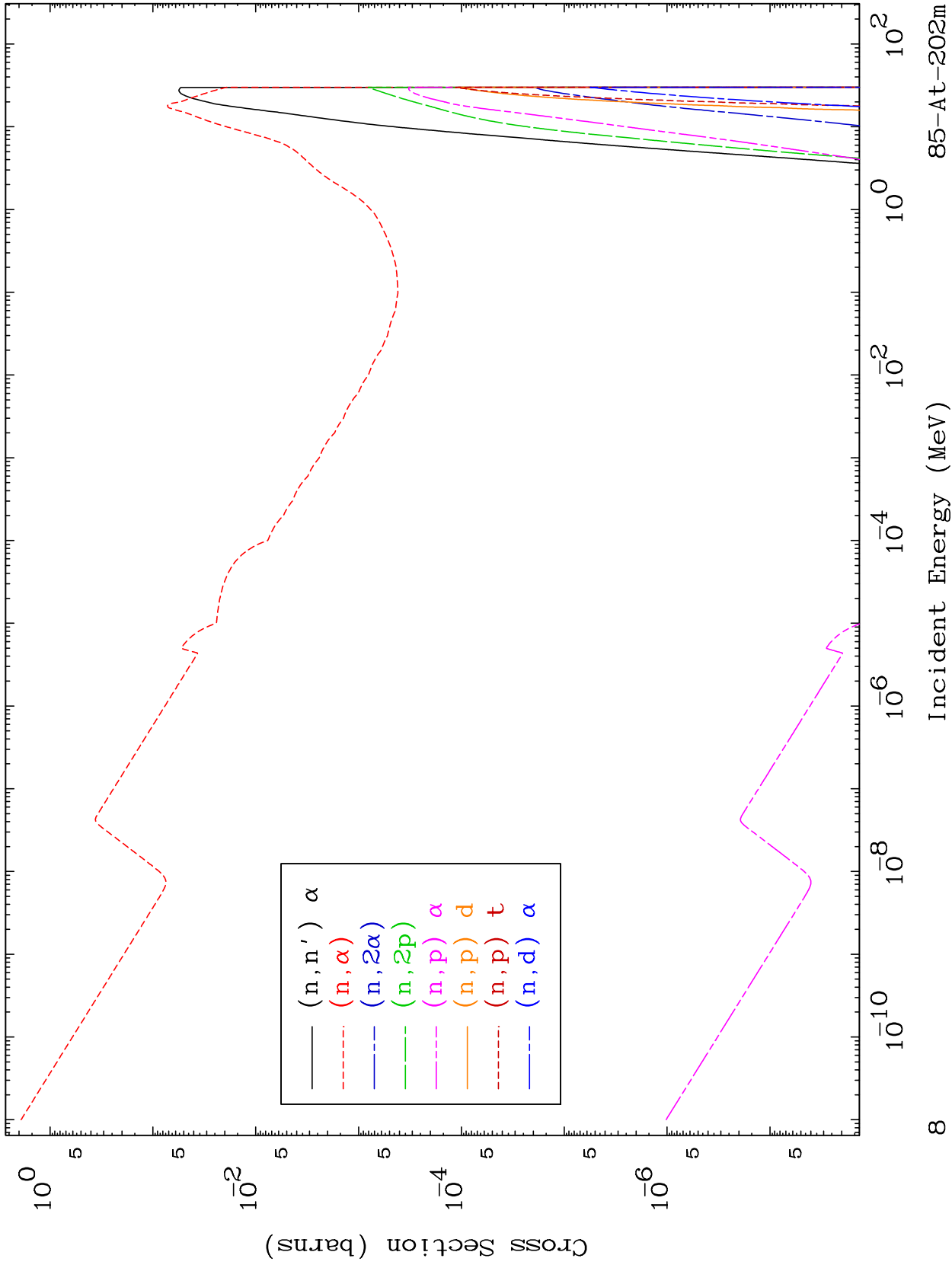
85-At-202m



MAT 8523

Charged Particle
293 Kelvin Cross Sections

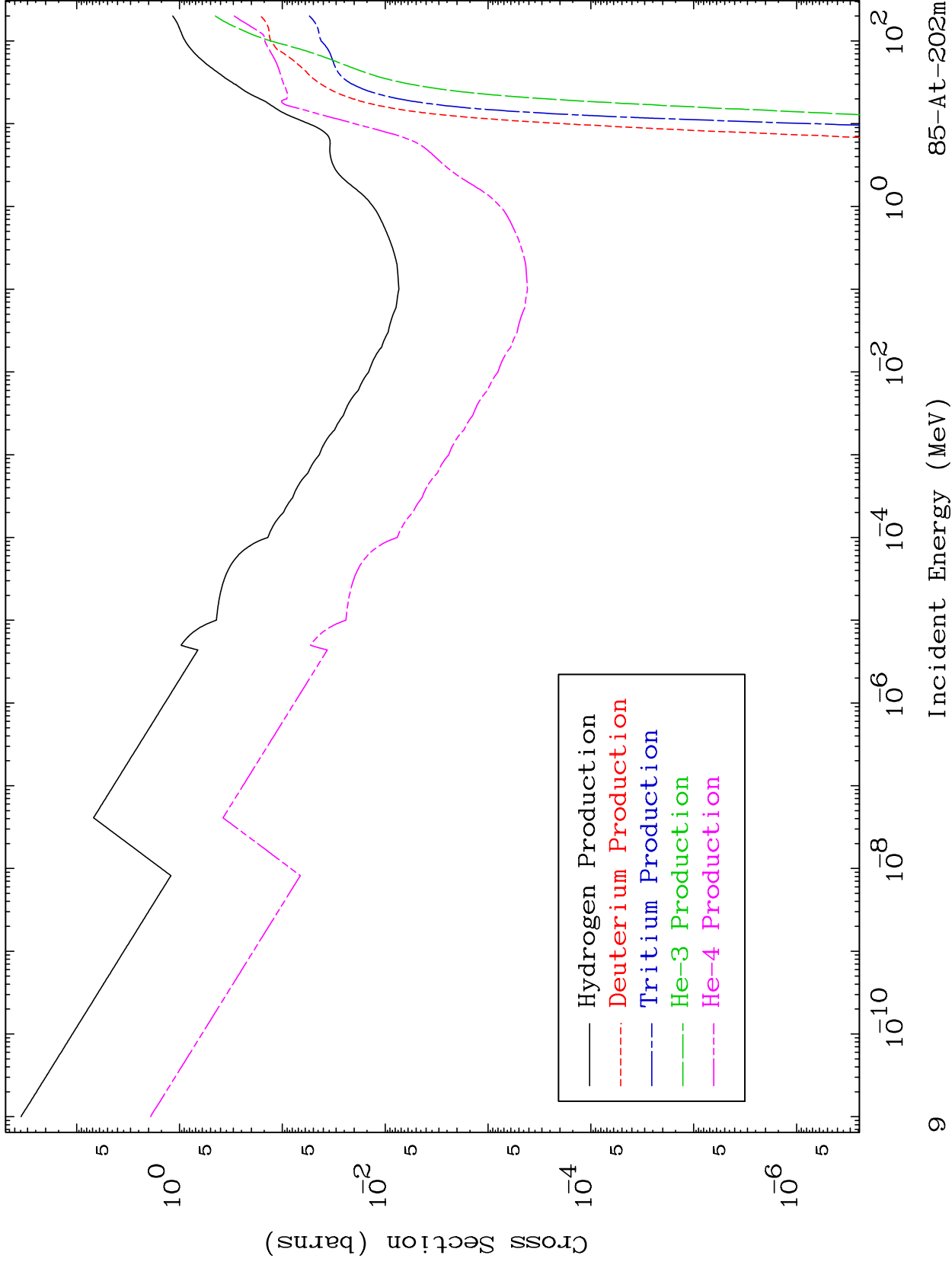
85-At-202m



MAT 8523

Particle Production
293 Kelvin Cross Sections

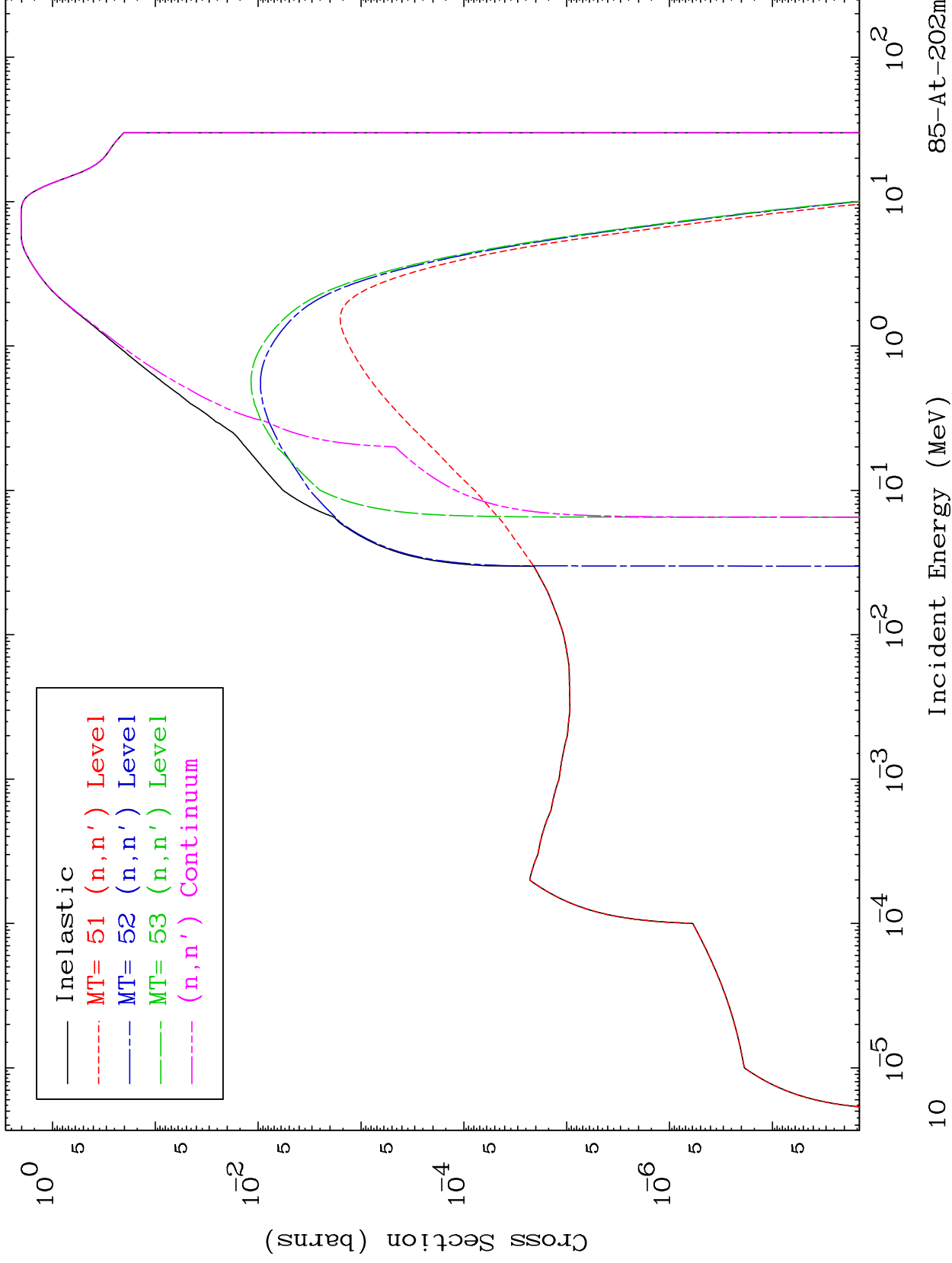
85-At-202m



MAT 85223

(n,n') Levels
293 Kelvin Cross Sections

85-At-202m



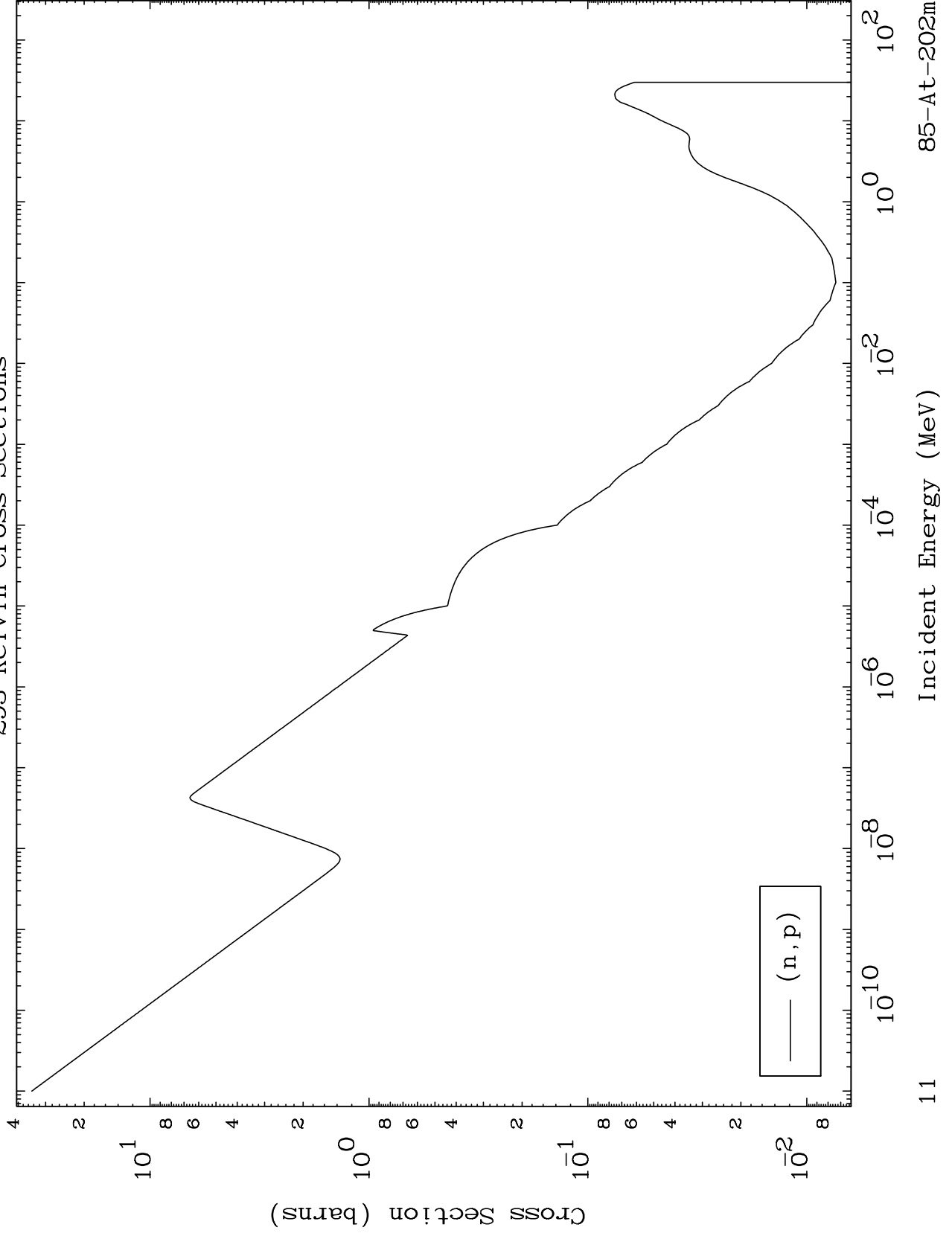
85-At-202m

Incident Energy (MeV)

MAT 8523

(n,p) Levels
293 Kelvin Cross Sections

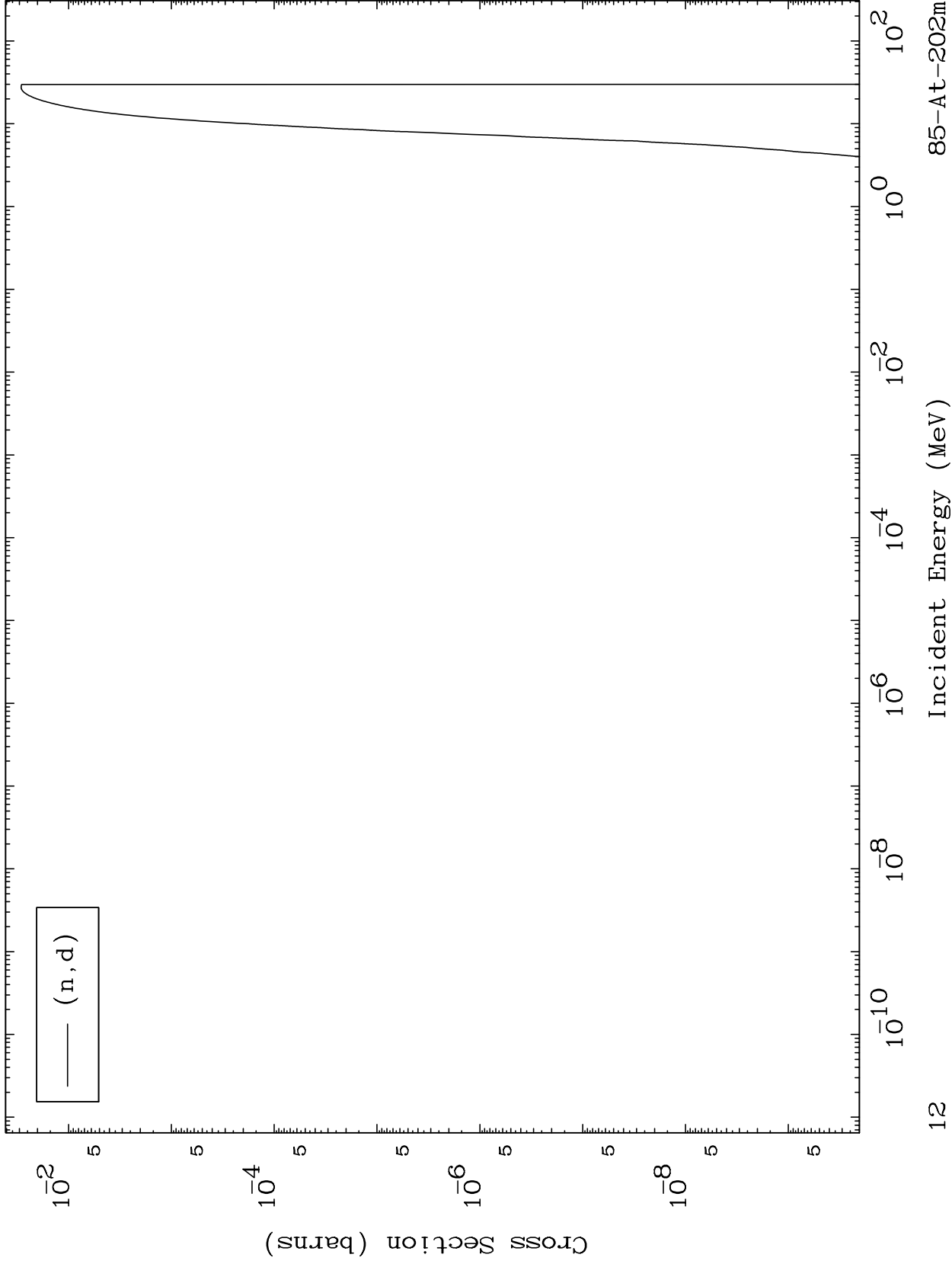
85-At-202m



MAT 8523

(n,d) Levels
293 Kelvin Cross Sections

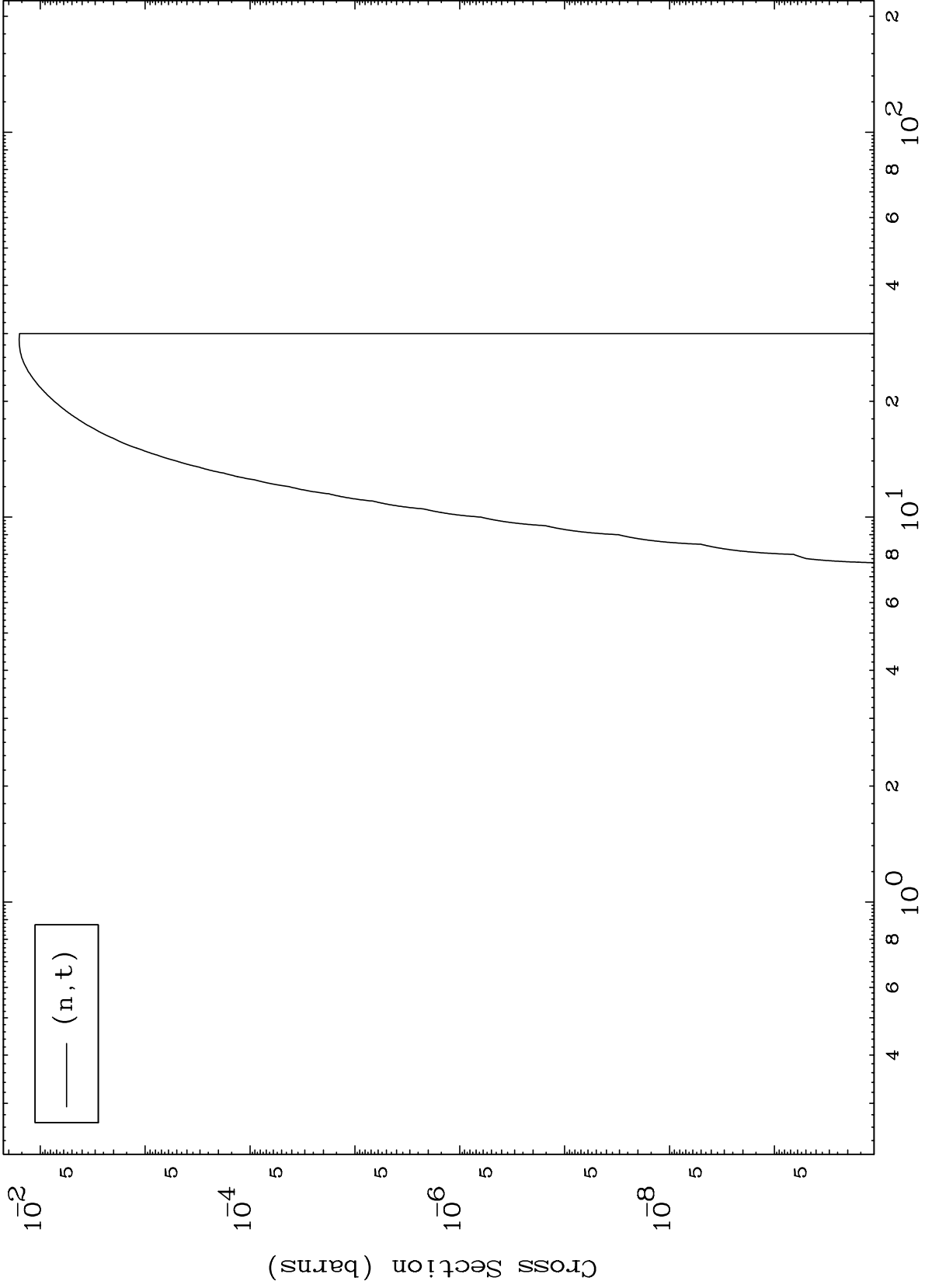
85-At-202m



MAT 8523

(n,t) Levels
293 Kelvin Cross Sections

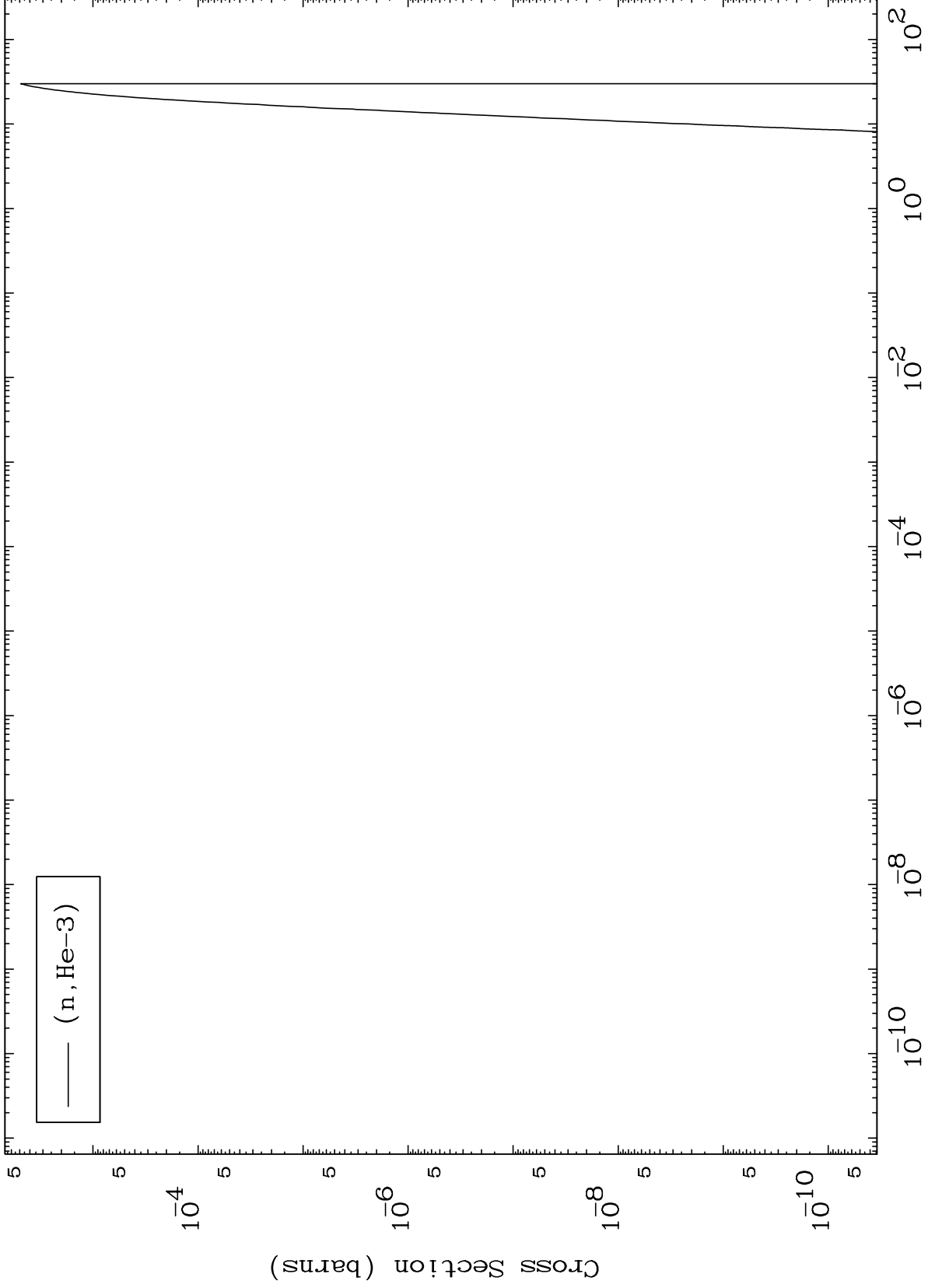
85-At-202m



MAT 8523

(n,He3) Levels
293 Kelvin Cross Sections

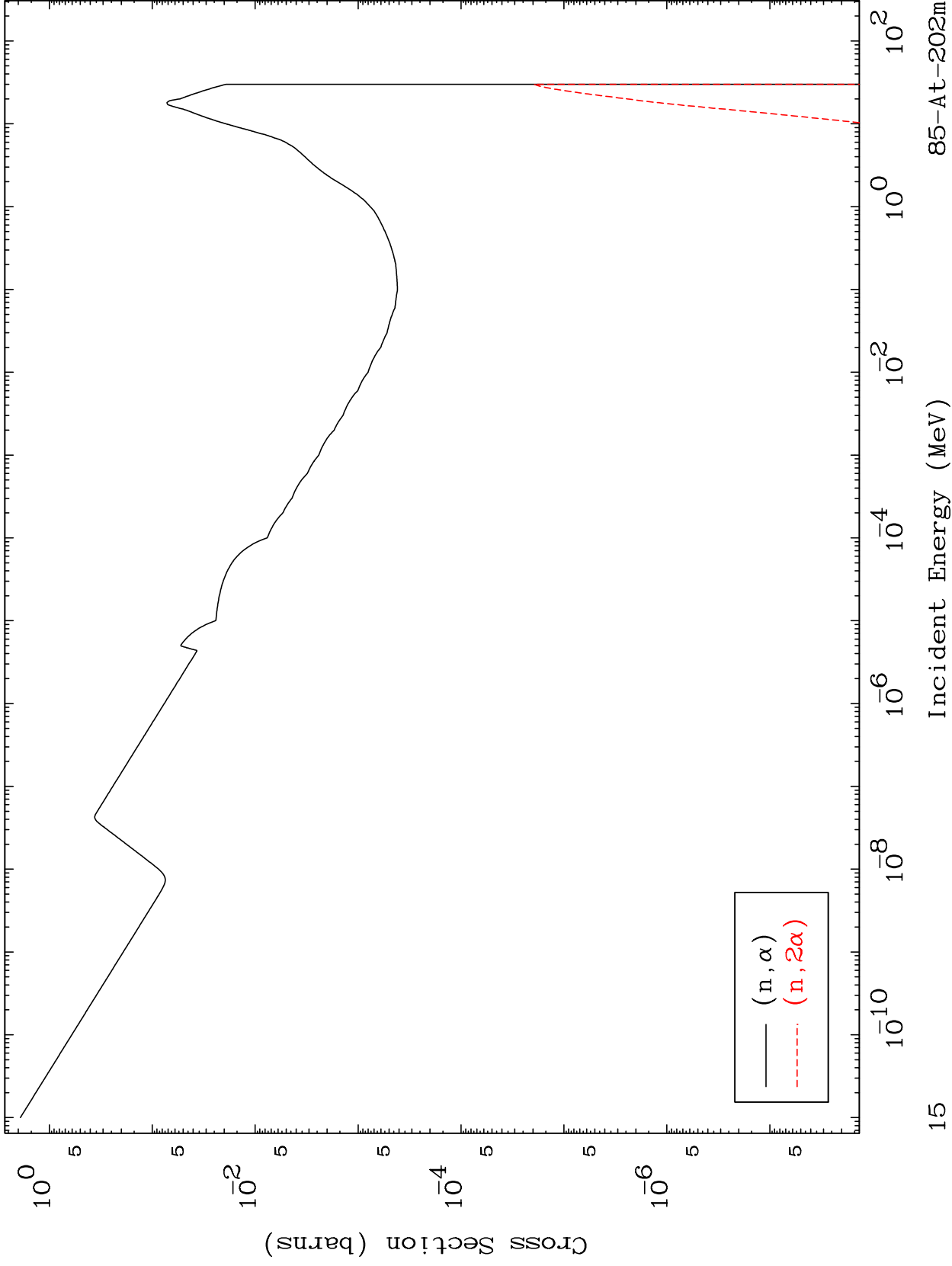
85-At-202m



MAT 8523

(n,α) Levels
293 Kelvin Cross Sections

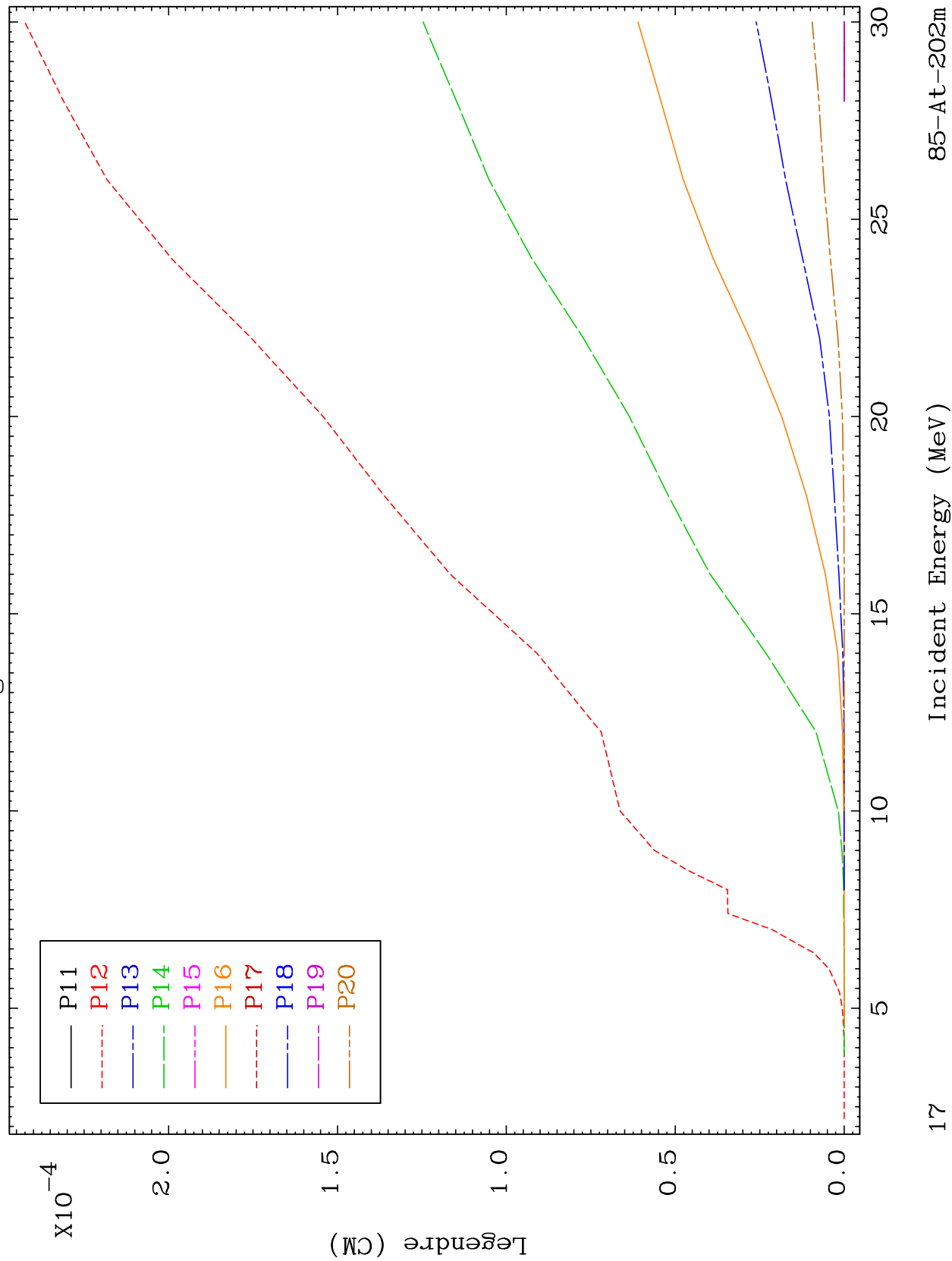
85-At-202m



MAT 8523

Elastic
Legendre Coefficients

85-At-202m

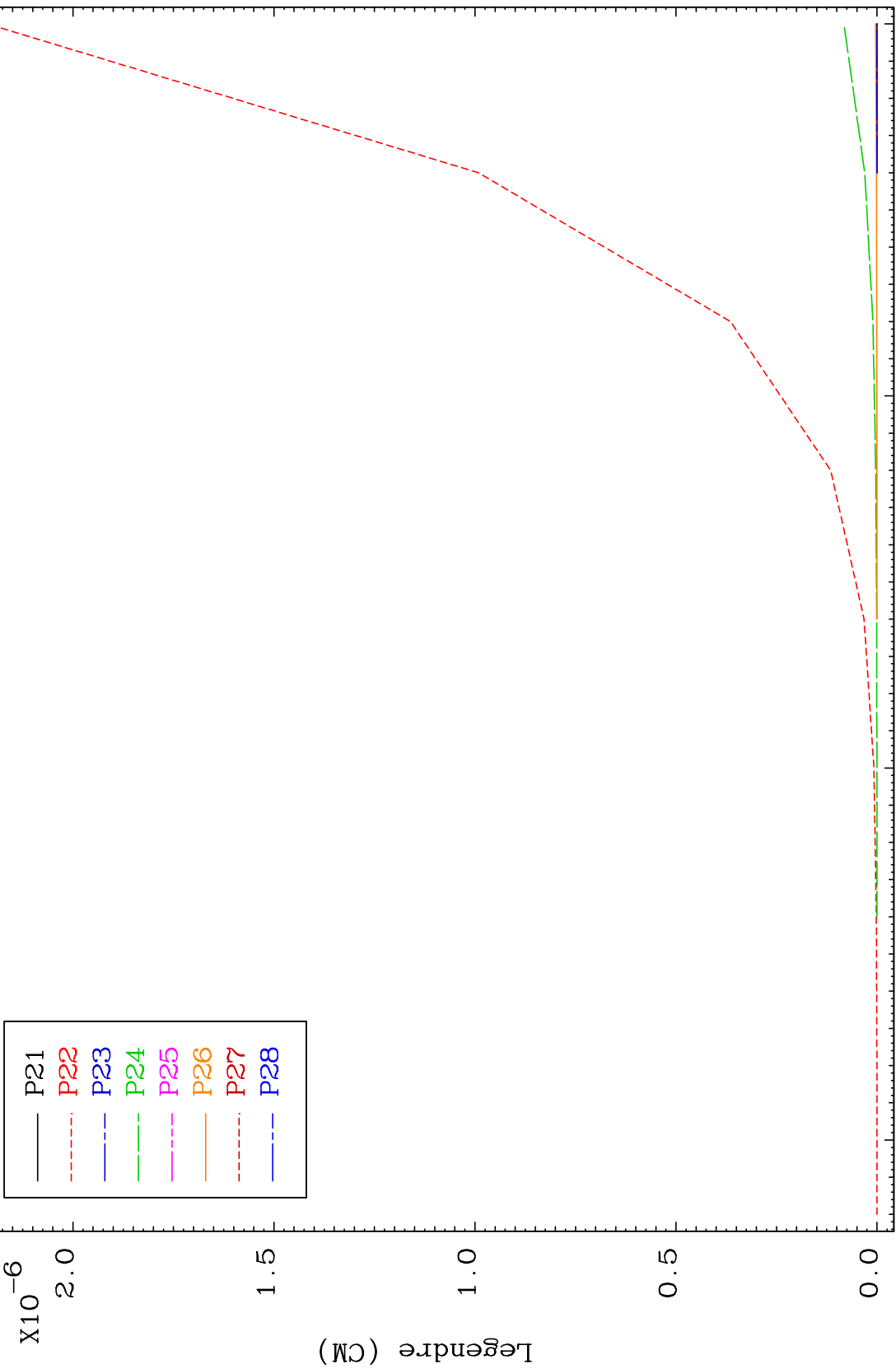
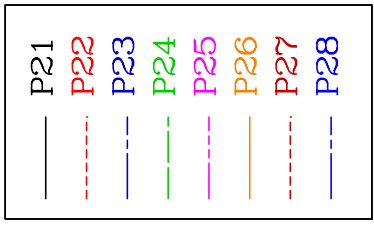


- P11
- P12
- P13
- P14
- P15
- P16
- P17
- P18
- P19
- P20

MAT 8523

Elastic Legendre Coefficients

85-At-202m



18

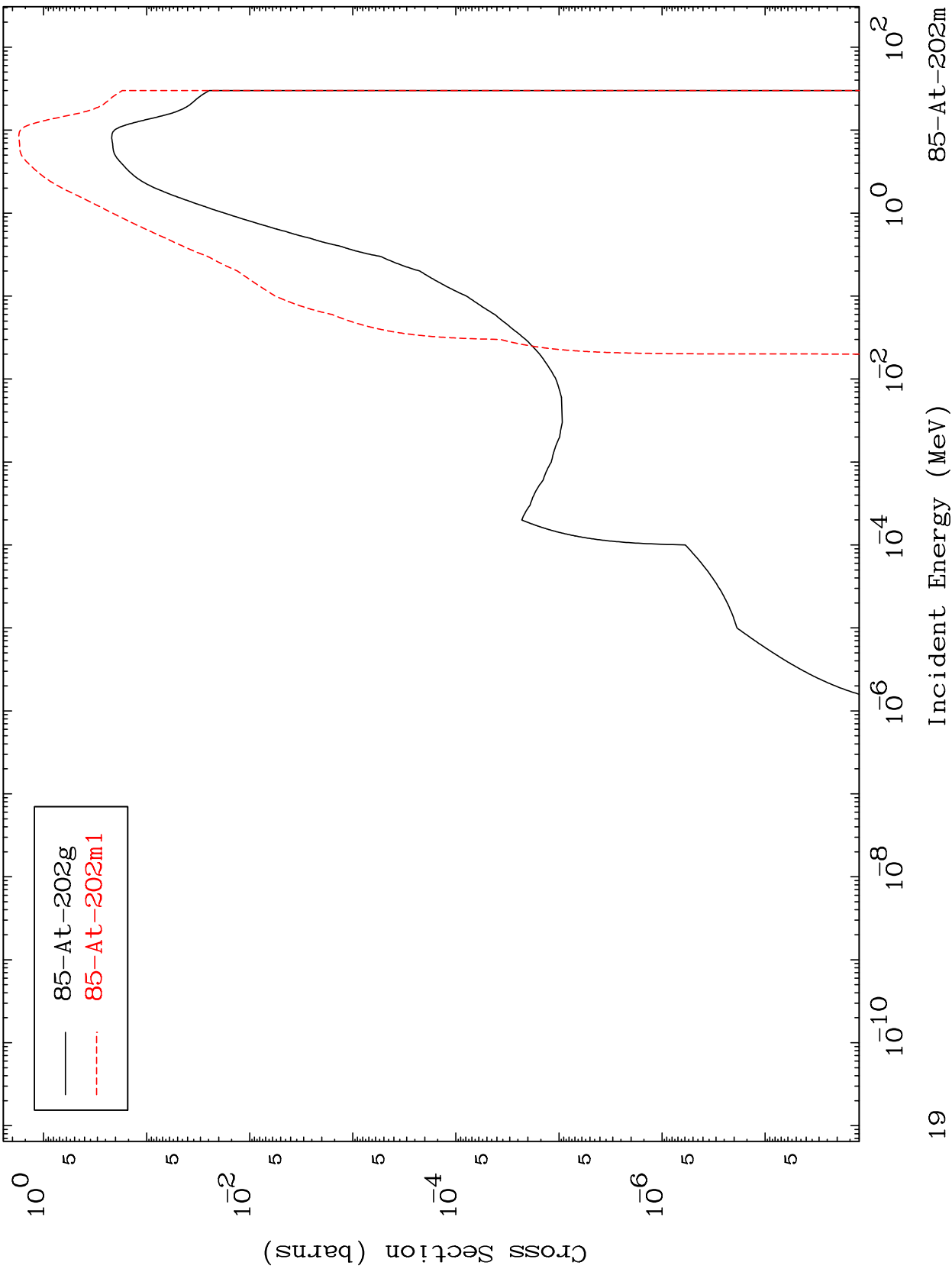
Incident Energy (MeV)

85-At-202m

MAT 8523

85-At-202m

Inelastic
Radionuclide Production Cross Section

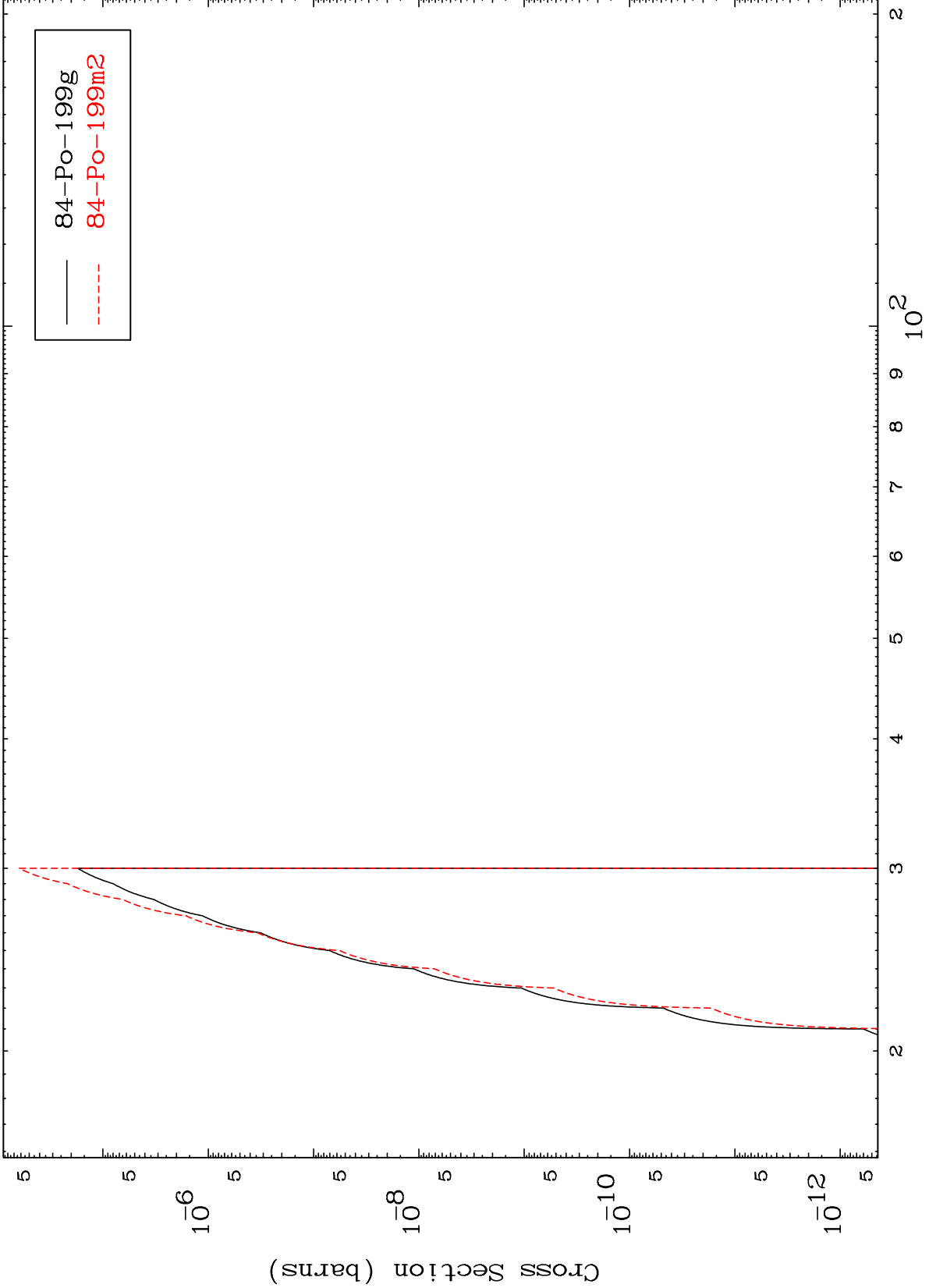


MAT 8523

(n,2n) d

85-At-202m

Radionuclide Production Cross Section



20

Incident Energy (MeV)

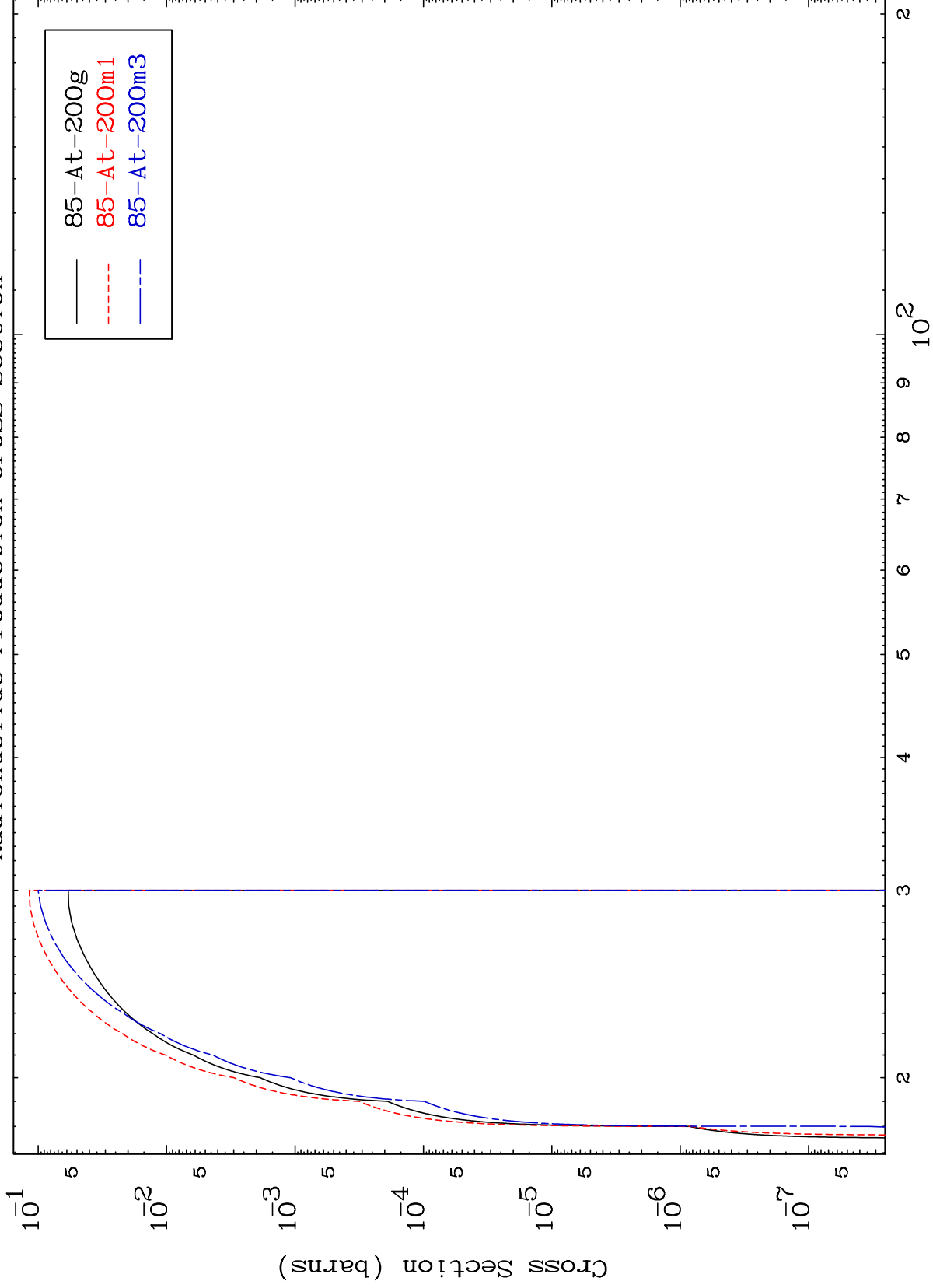
85-At-202m

MAT 8523

(n,3n)

85-At-202m

Radionuclide Production Cross Section



21

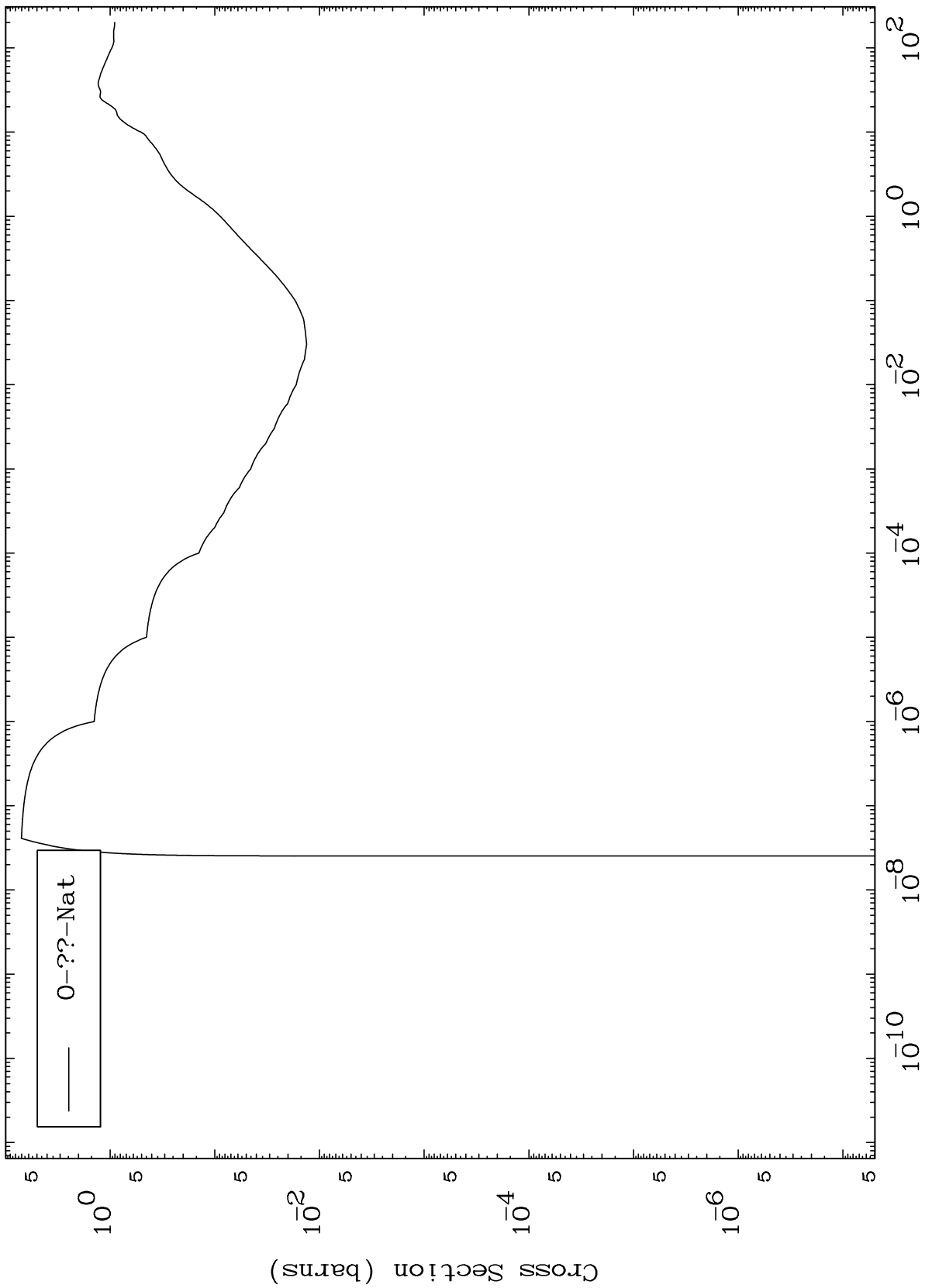
Incident Energy (MeV)

85-At-202m

MAT 8523

85-At-202m

Fission
Radionuclide Production Cross Section

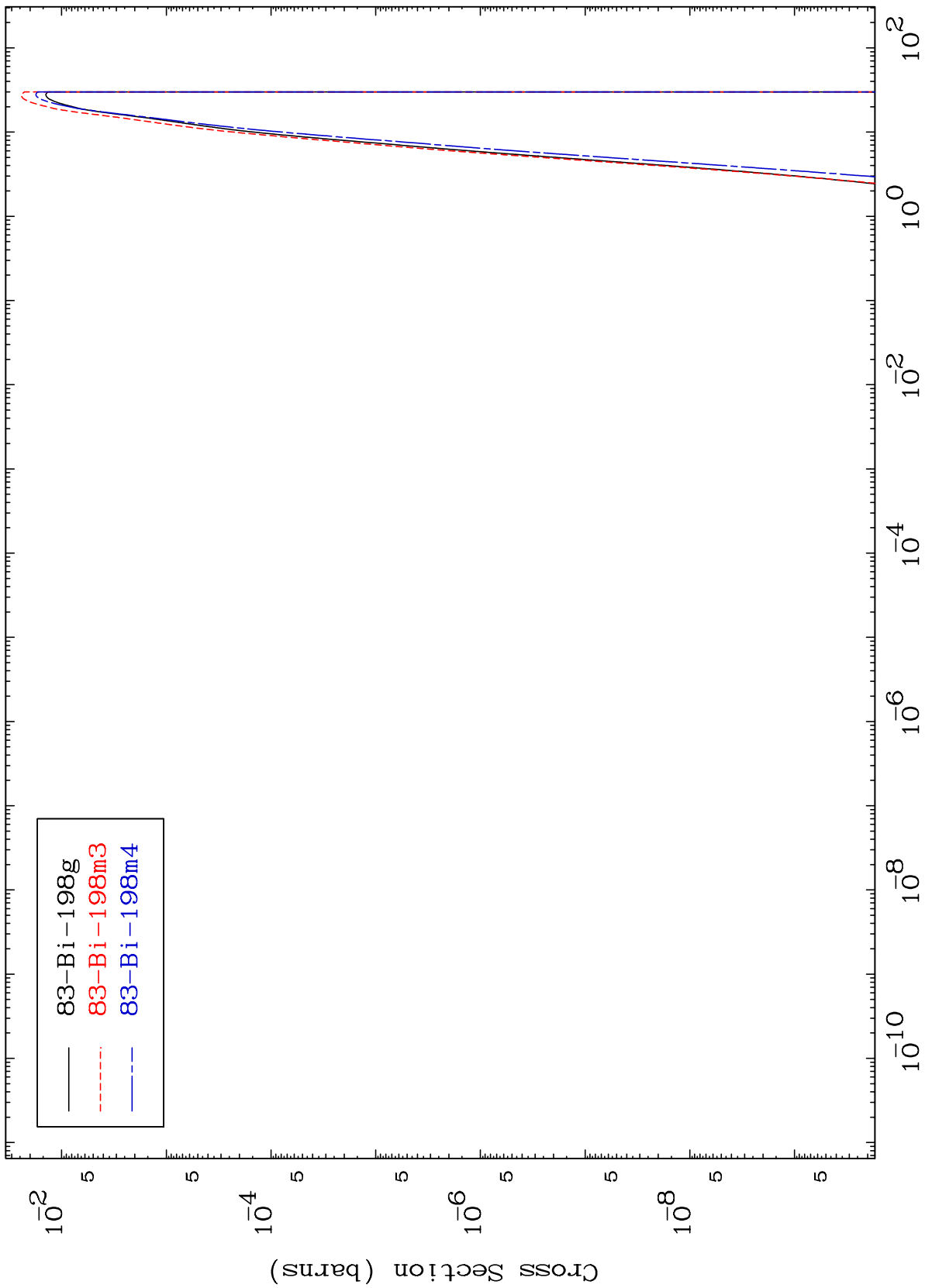


MAT 8523

$(n, n') \alpha$

85-At-202m

Radionuclide Production Cross Section

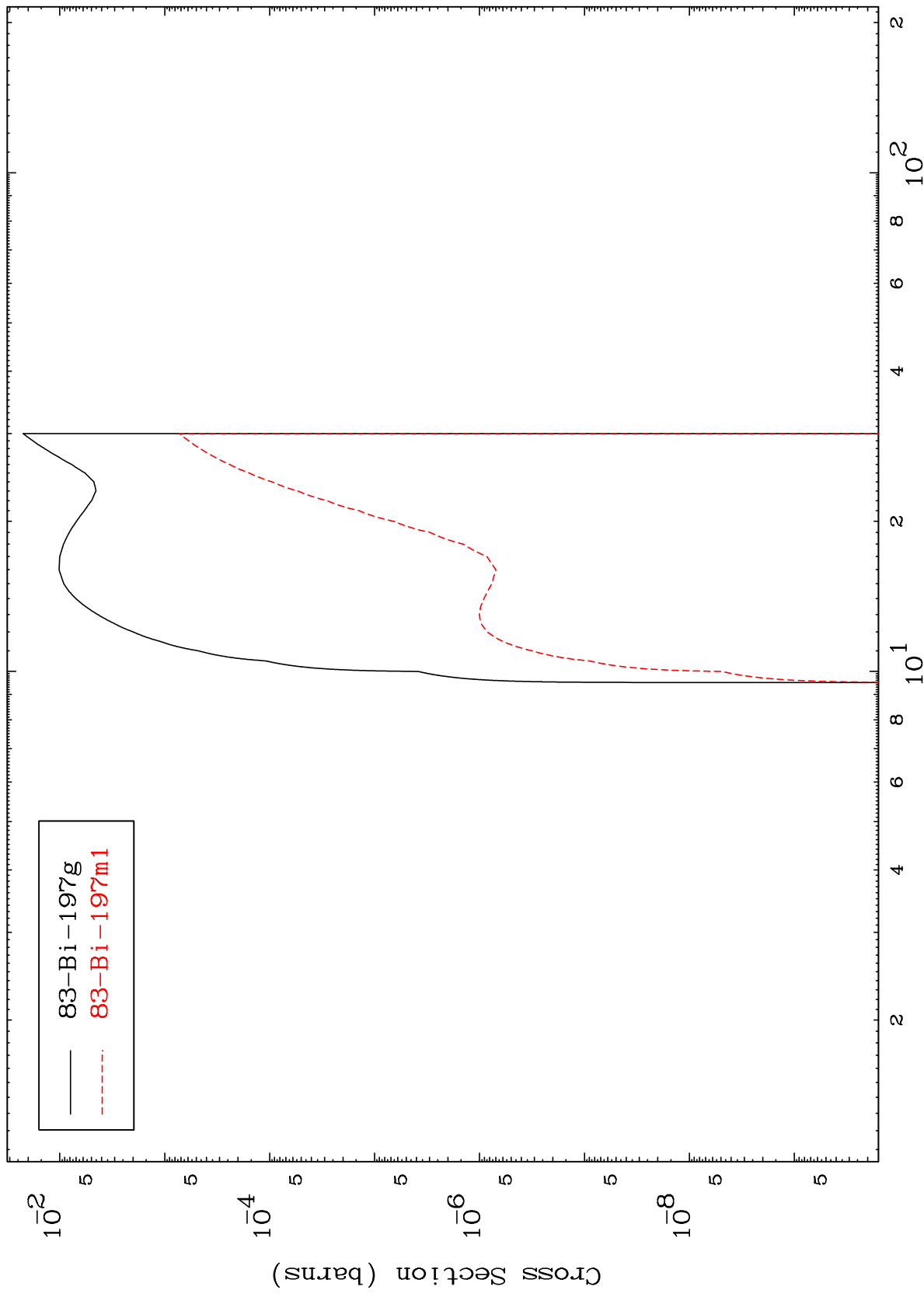


MAT 8523

(n,2n) α

85-At-202m

Radionuclide Production Cross Section

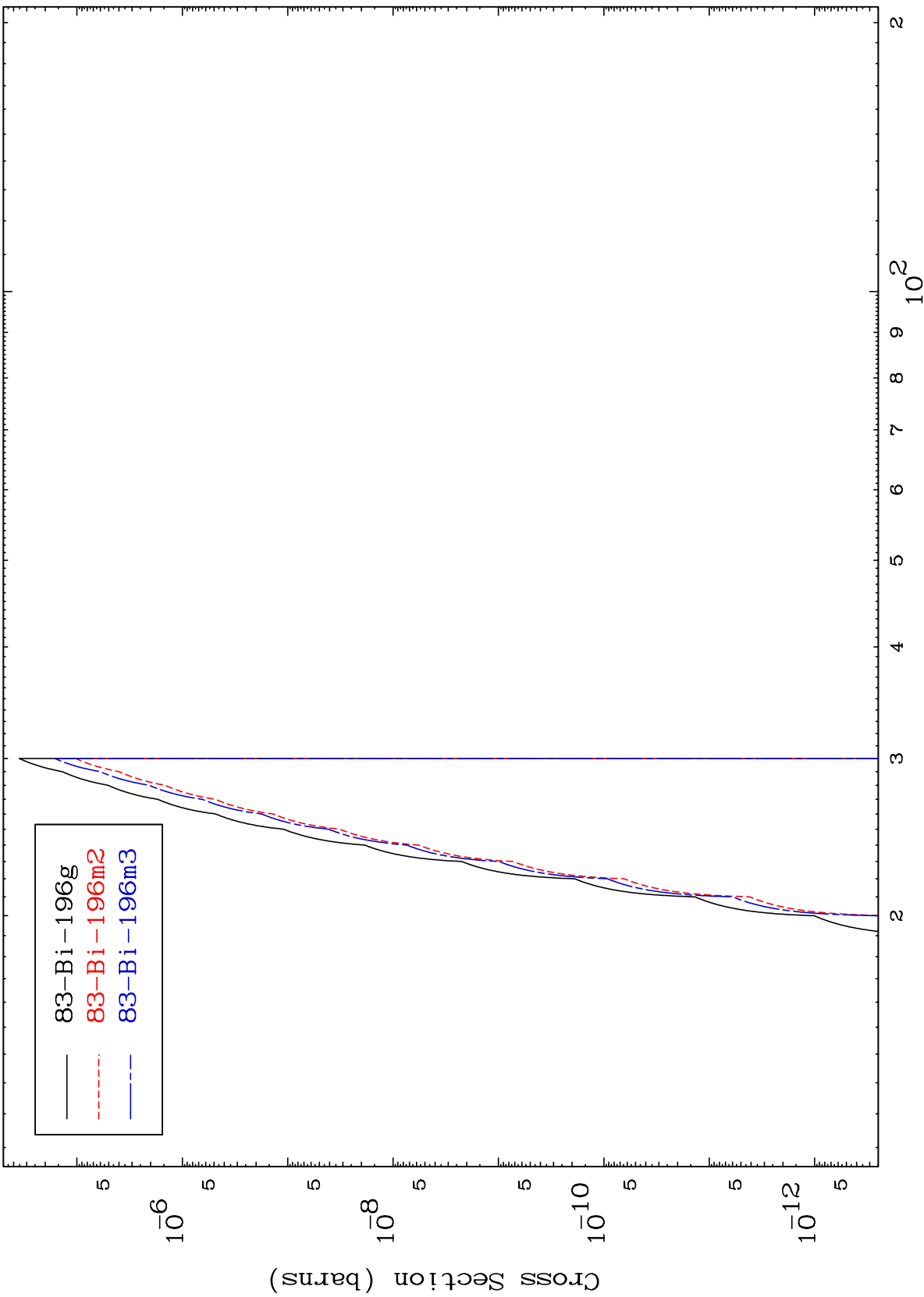


MAT 8523

(n,3n) α

85-At-202m

Radionuclide Production Cross Section

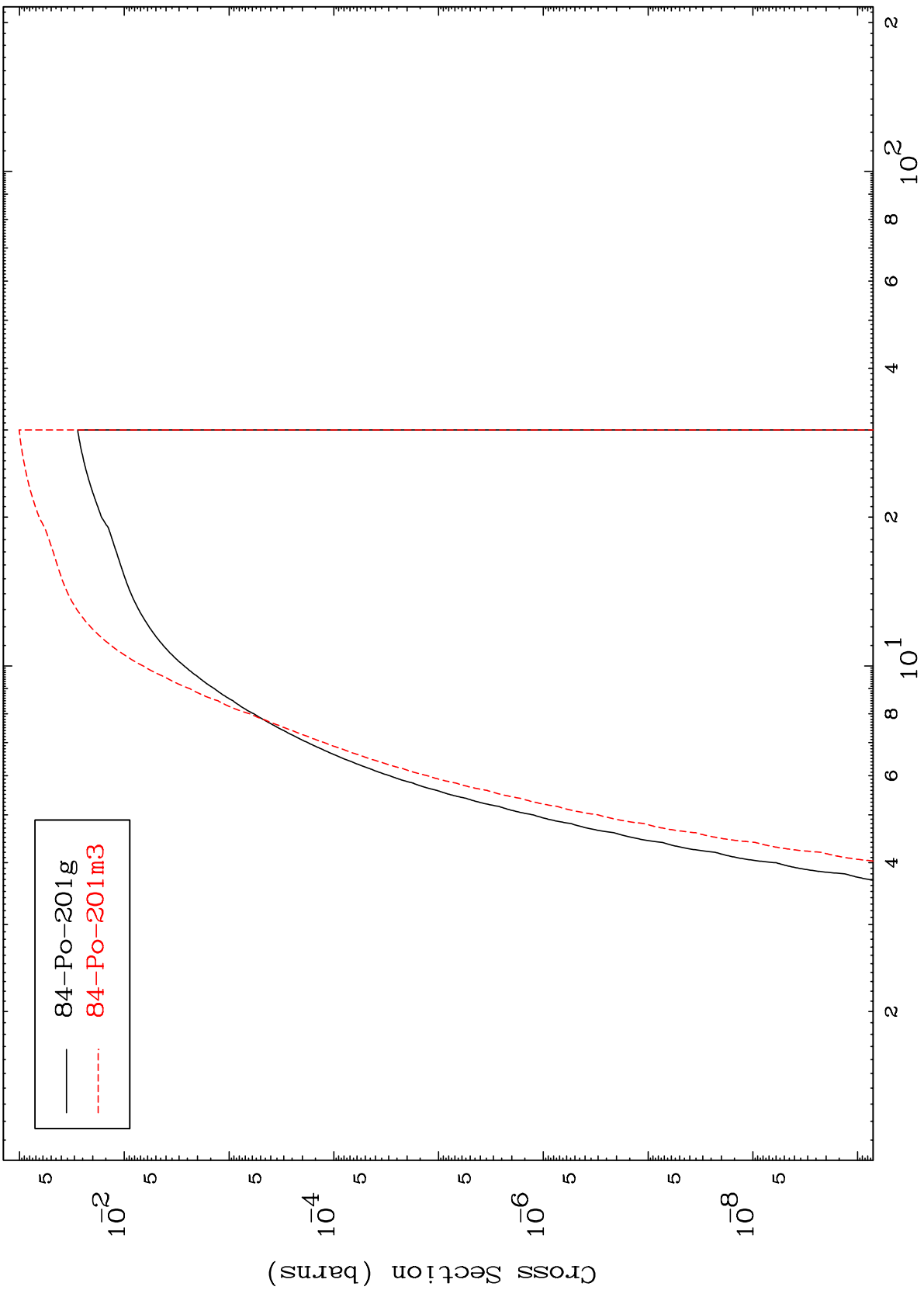


MAT 8523

(n,n') p

85-At-202m

Radionuclide Production Cross Section



84-Po-201g
84-Po-201m3

Incident Energy (MeV)

85-At-202m

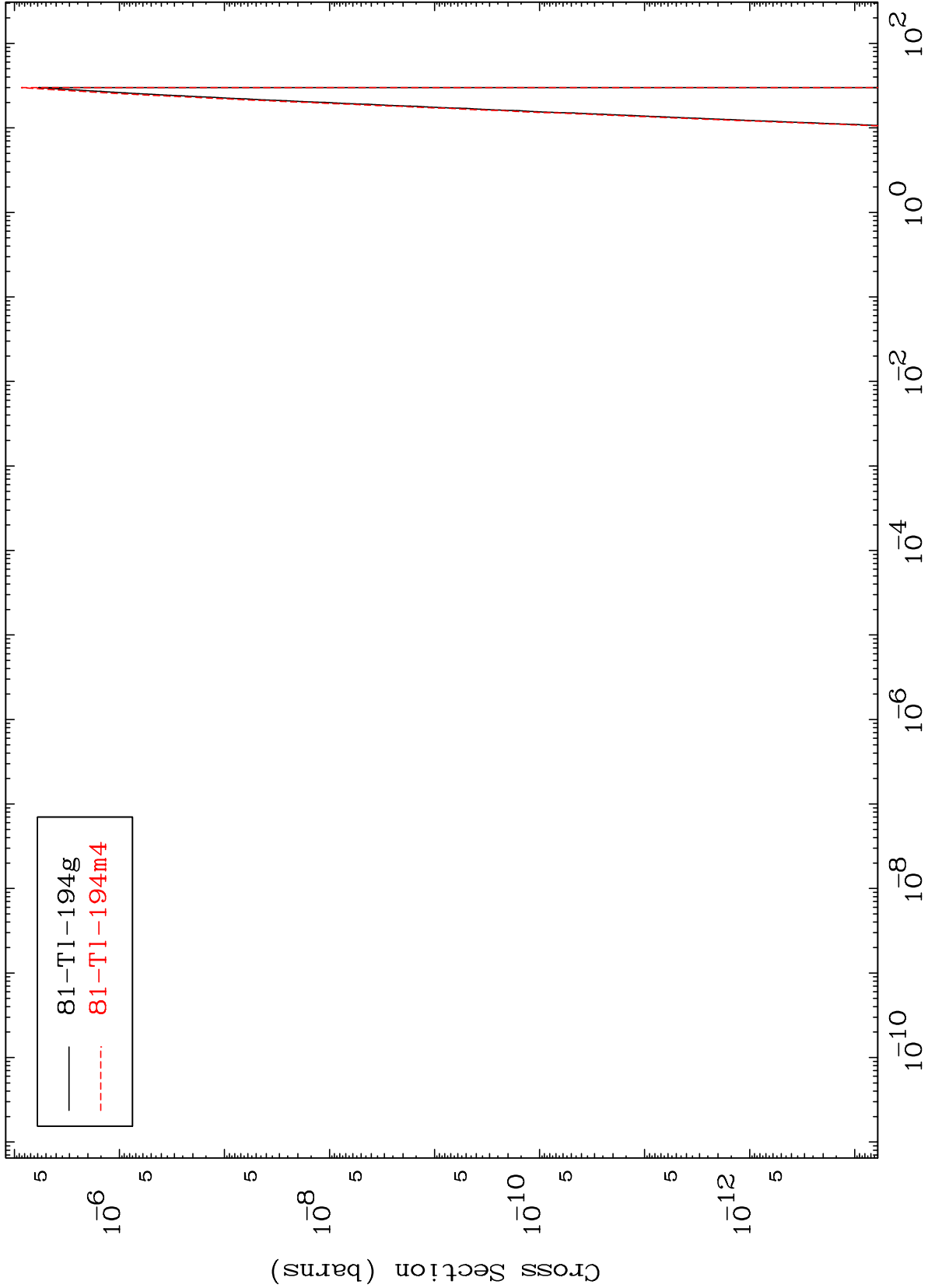
26

MAT 8523

(n,n') 2α

85-At-202m

Radionuclide Production Cross Section



27

Incident Energy (MeV)

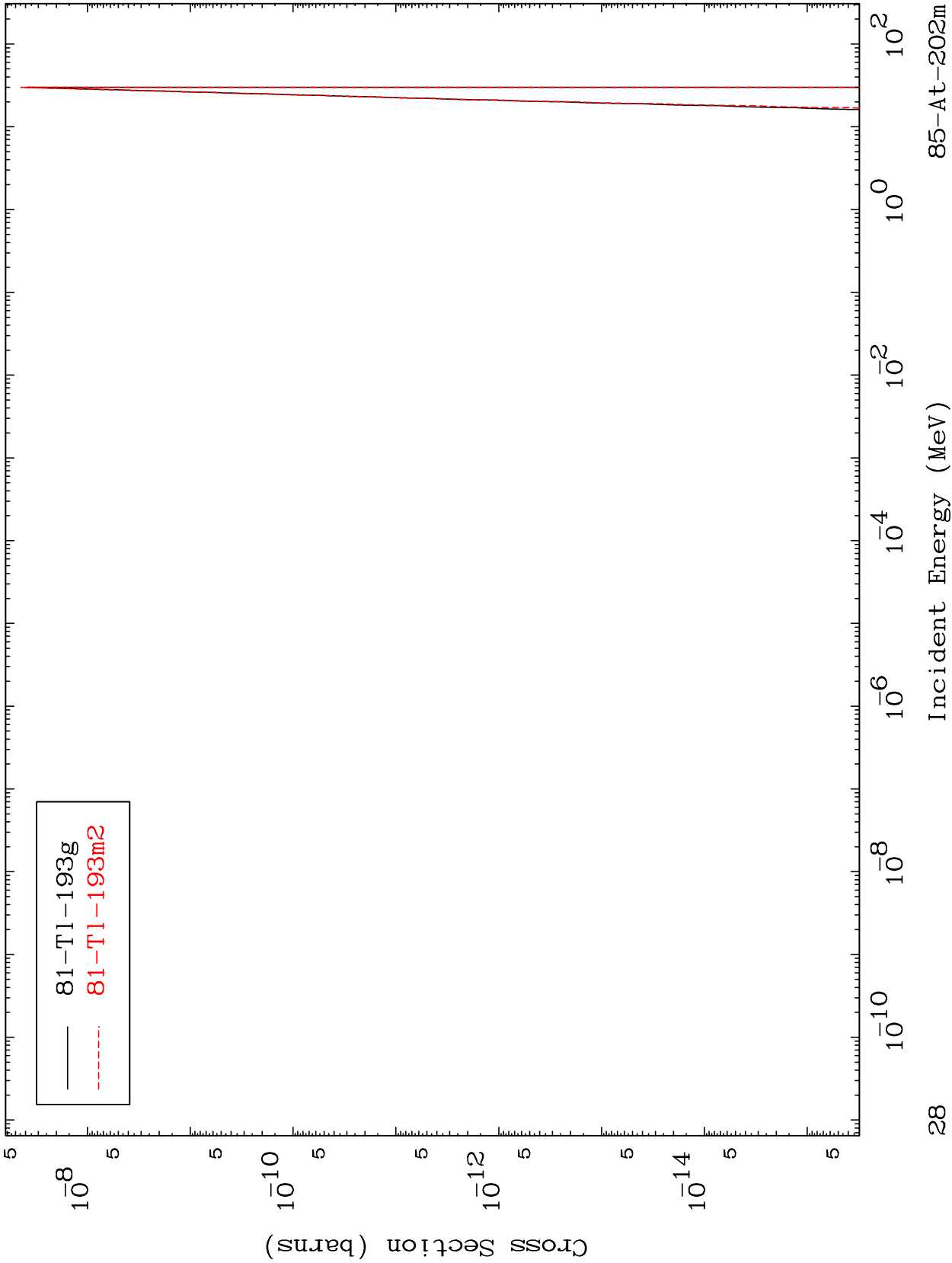
85-At-202m

MAT 8523

(n,2n) 2 α

85-At-202m

Radionuclide Production Cross Section

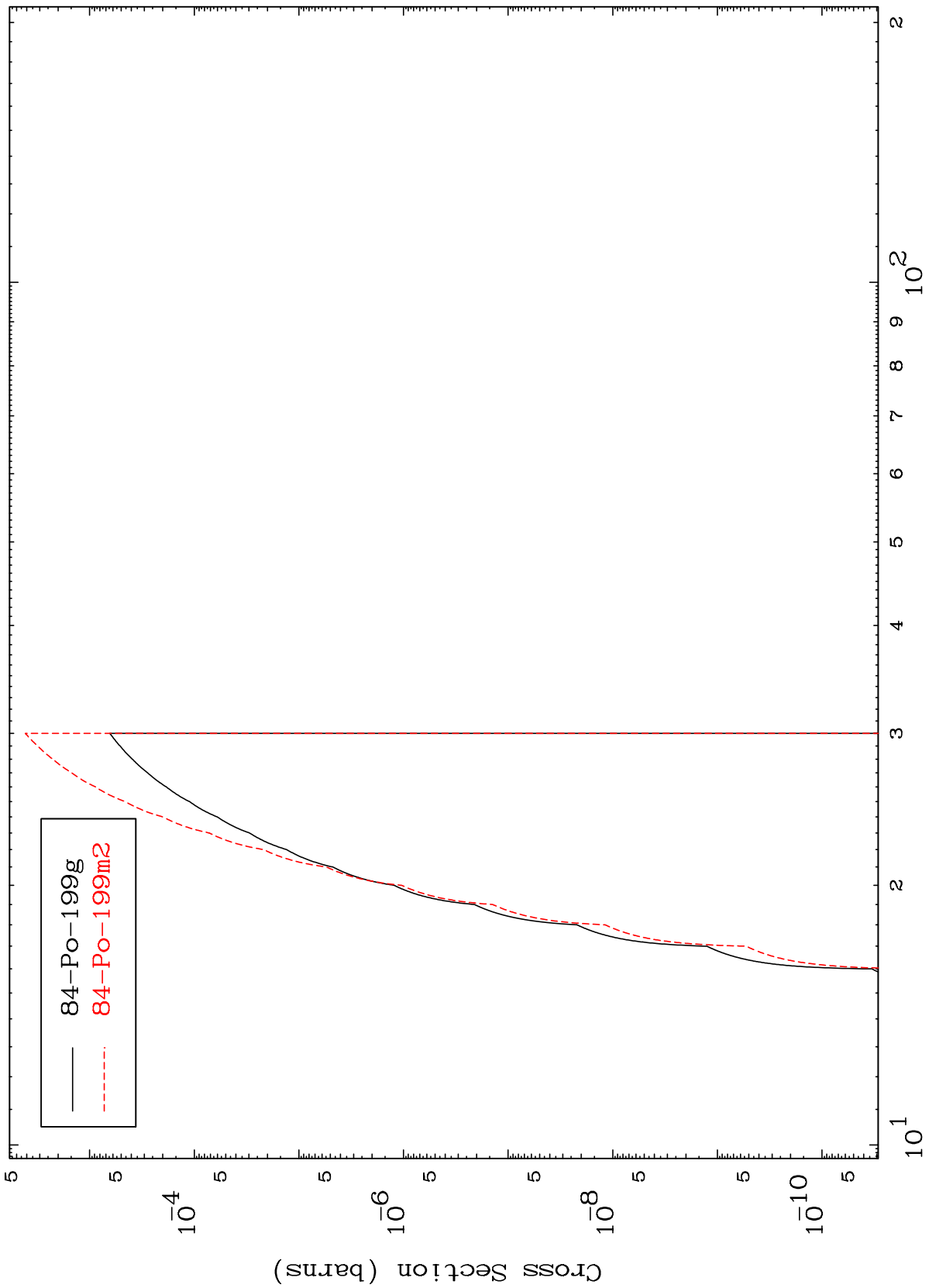


MAT 8523

(n,n') t

85-At-202m

Radionuclide Production Cross Section



84-Po-199g
84-Po-199m2

Incident Energy (MeV)

85-At-202m

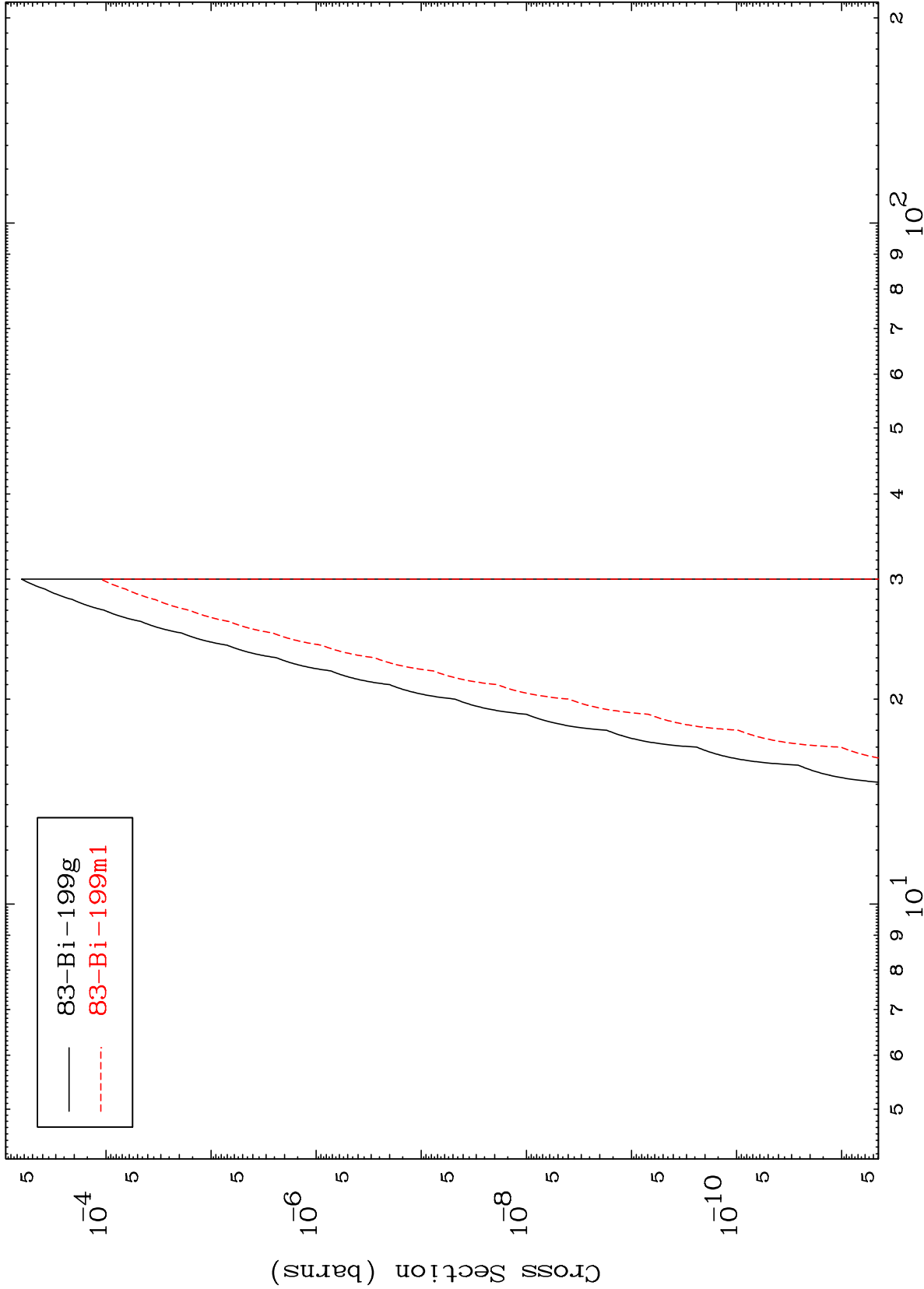
29

MAT 8523

(n,n') He-3

85-At-202m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

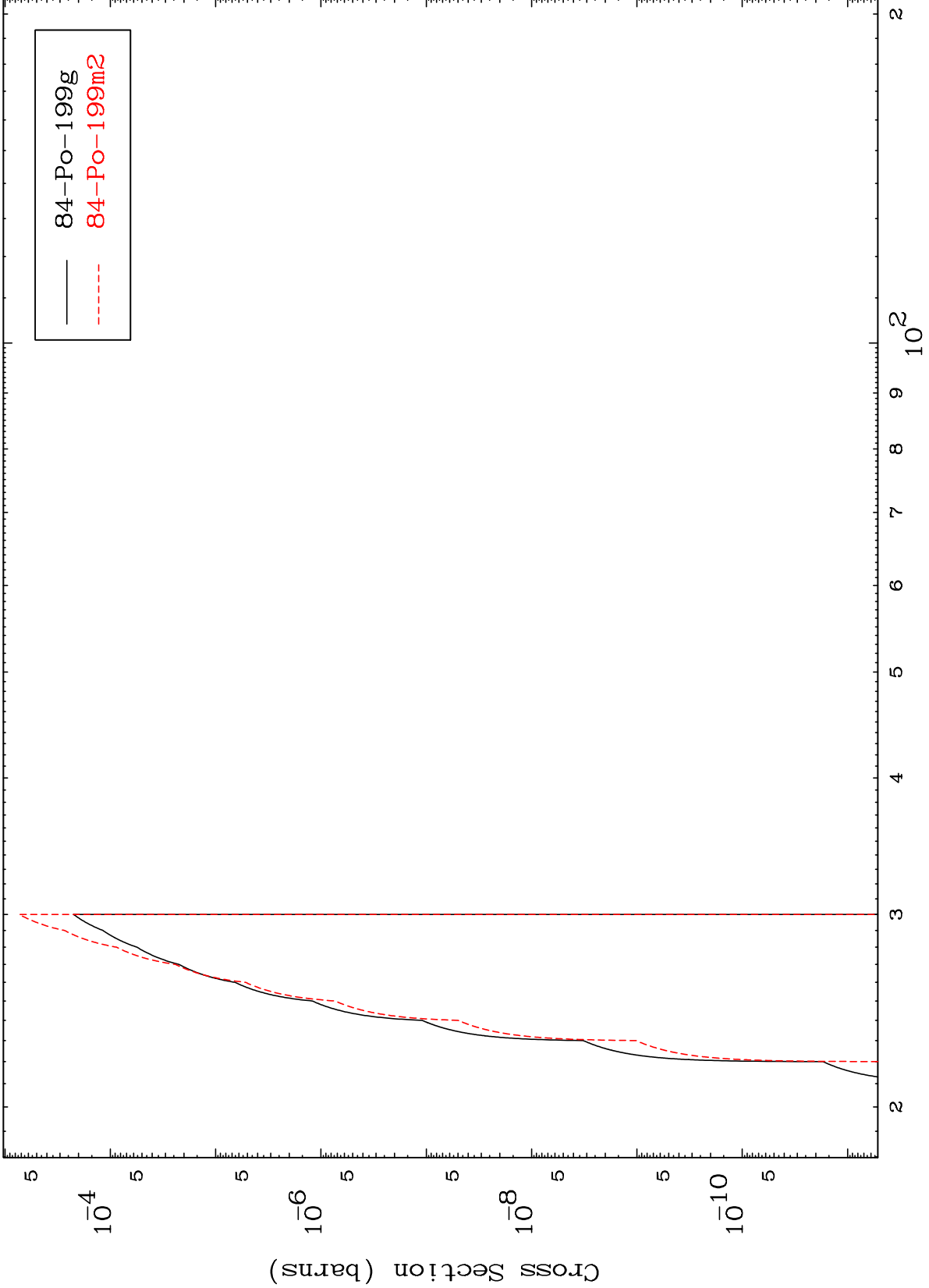
85-At-202m

MAT 8523

(n,3n) p

85-At-202m

Radionuclide Production Cross Section



31

Incident Energy (MeV)

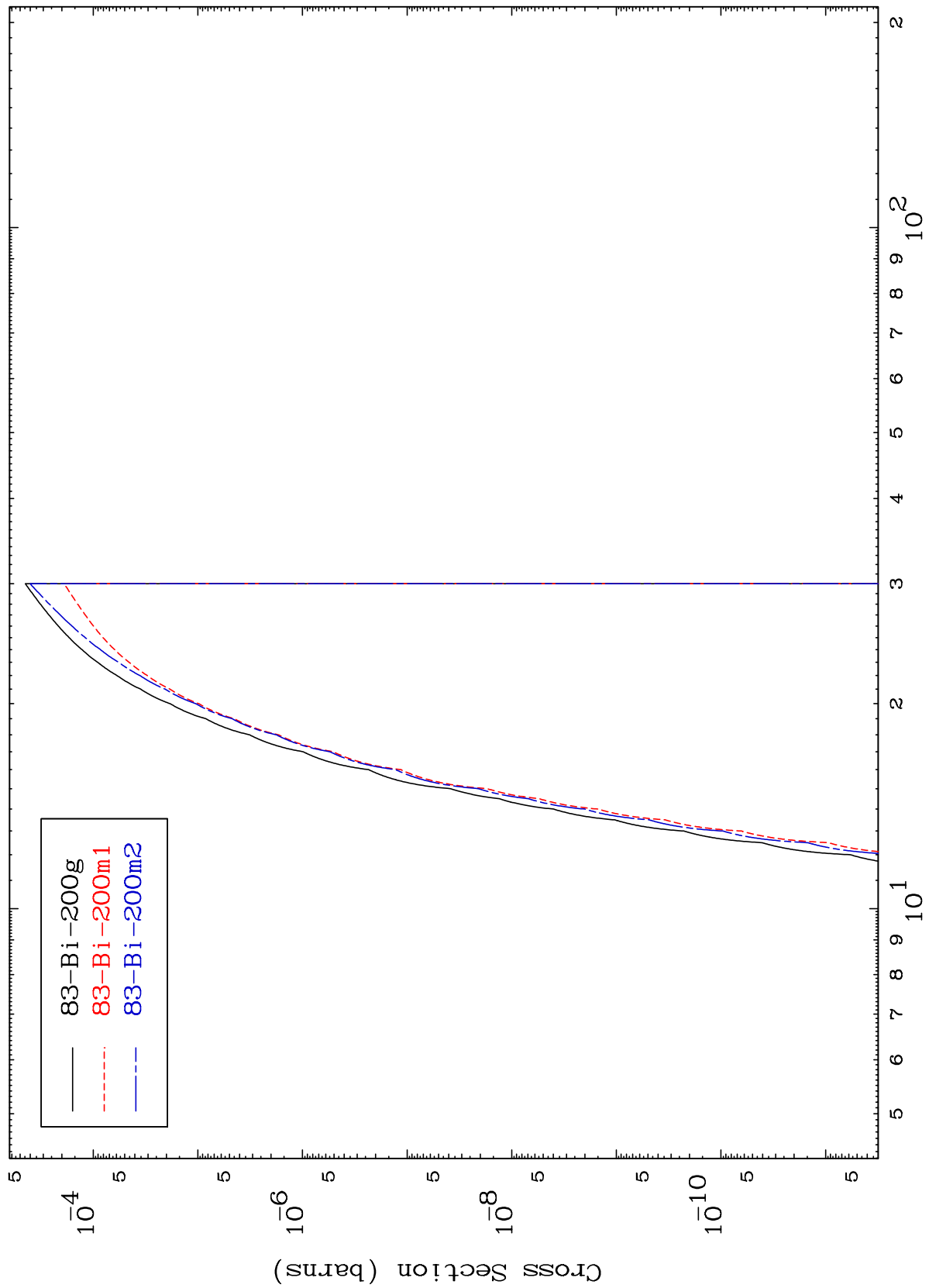
85-At-202m

MAT 8523

(n,2n) p

85-At-202m

Radionuclide Production Cross Section



32

Incident Energy (MeV)

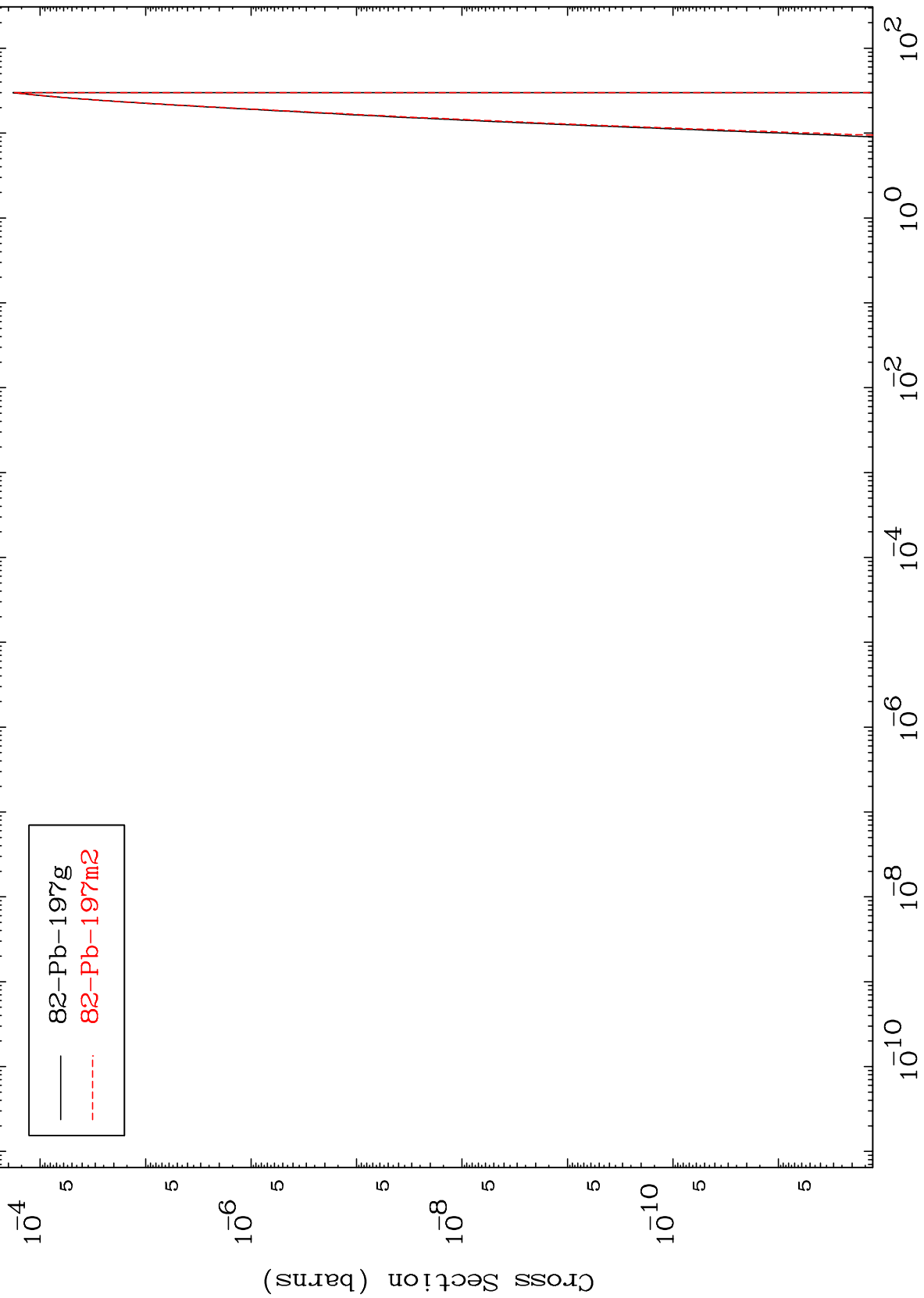
85-At-202m

MAT 8523

(n,n') p α

85-At-202m

Radionuclide Production Cross Section

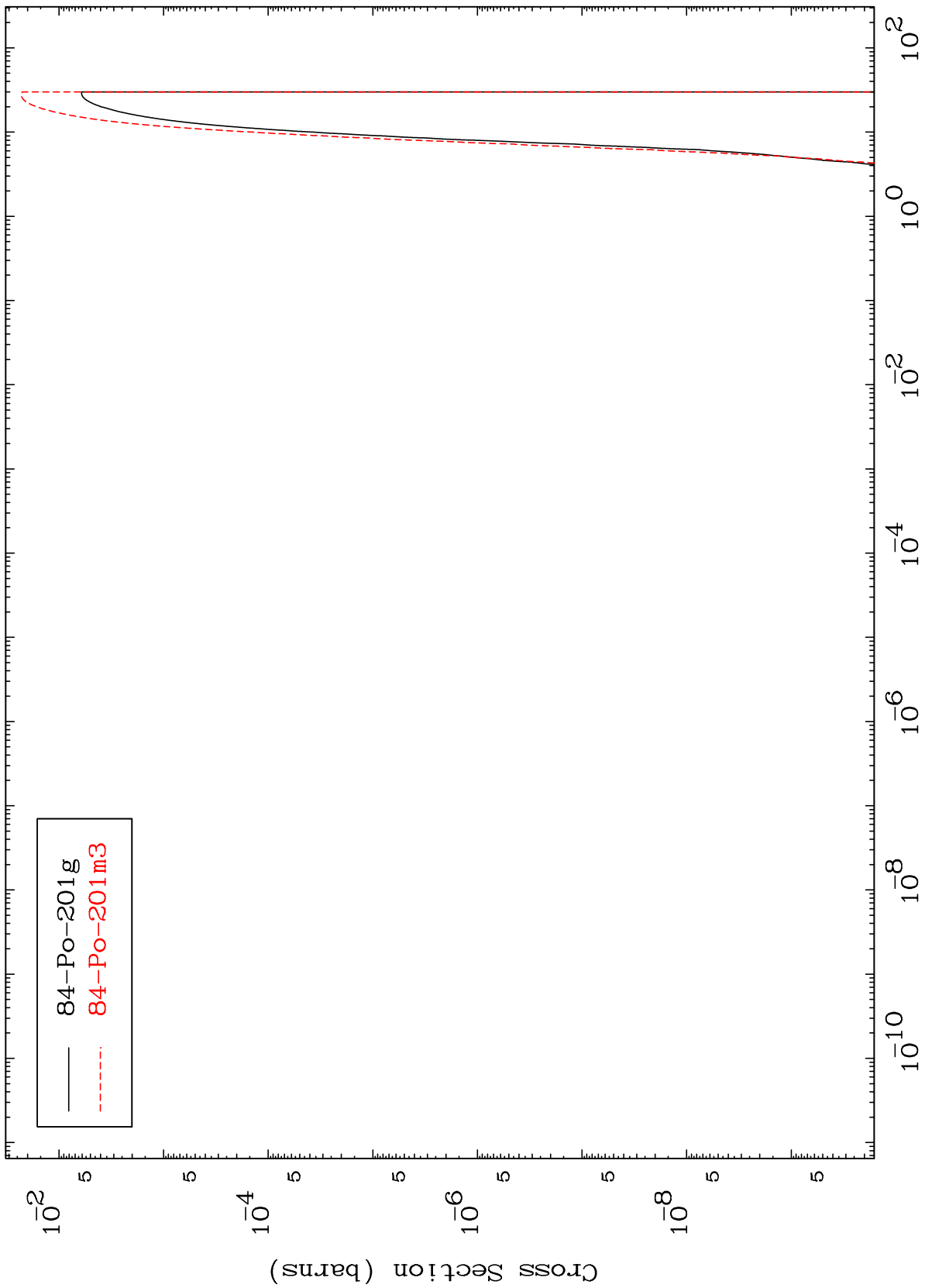


MAT 8523

(n,d)

85-At-202m

Radionuclide Production Cross Section

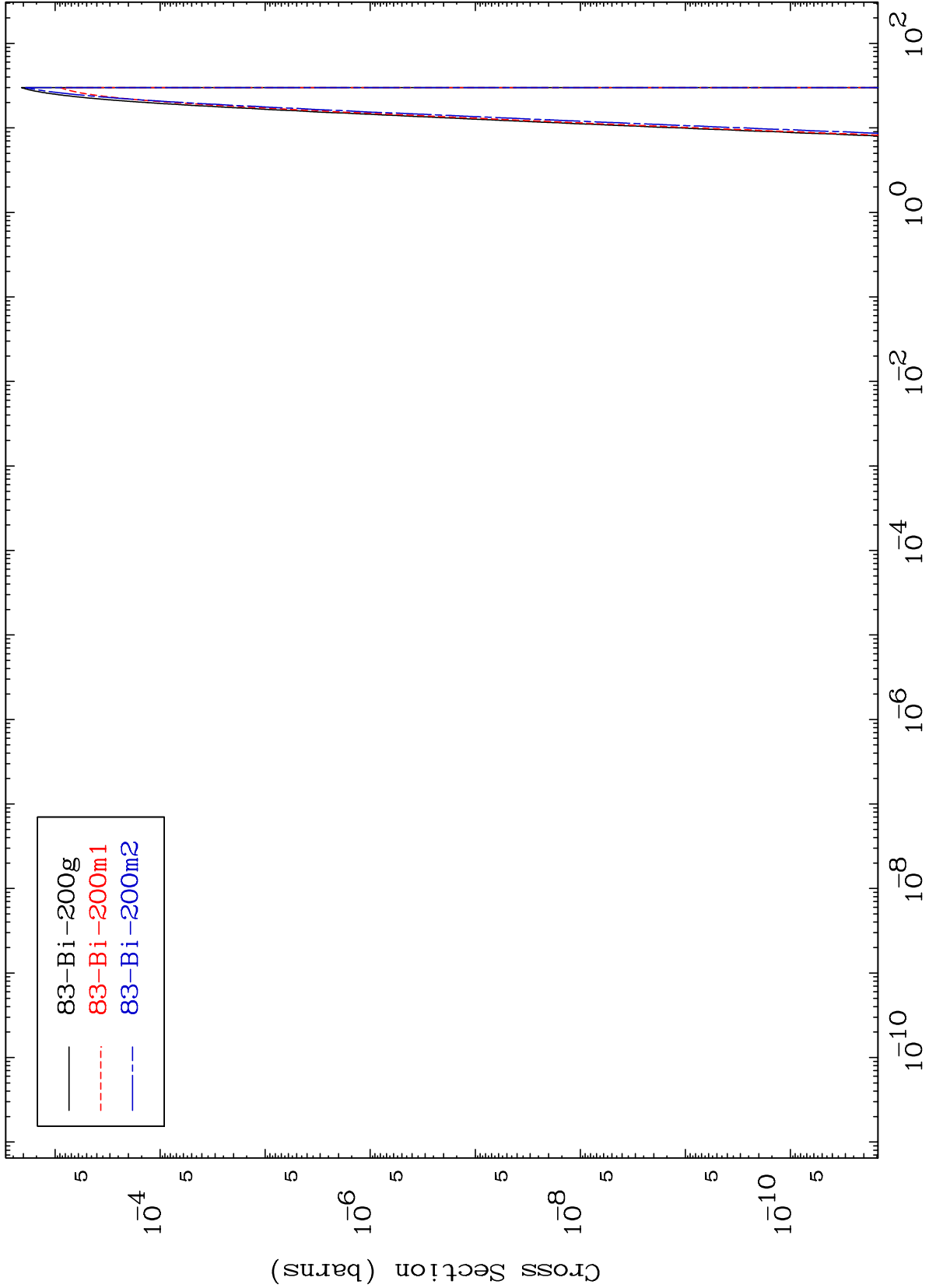


MAT 8523

(n,He-3)

85-At-202m

Radionuclide Production Cross Section

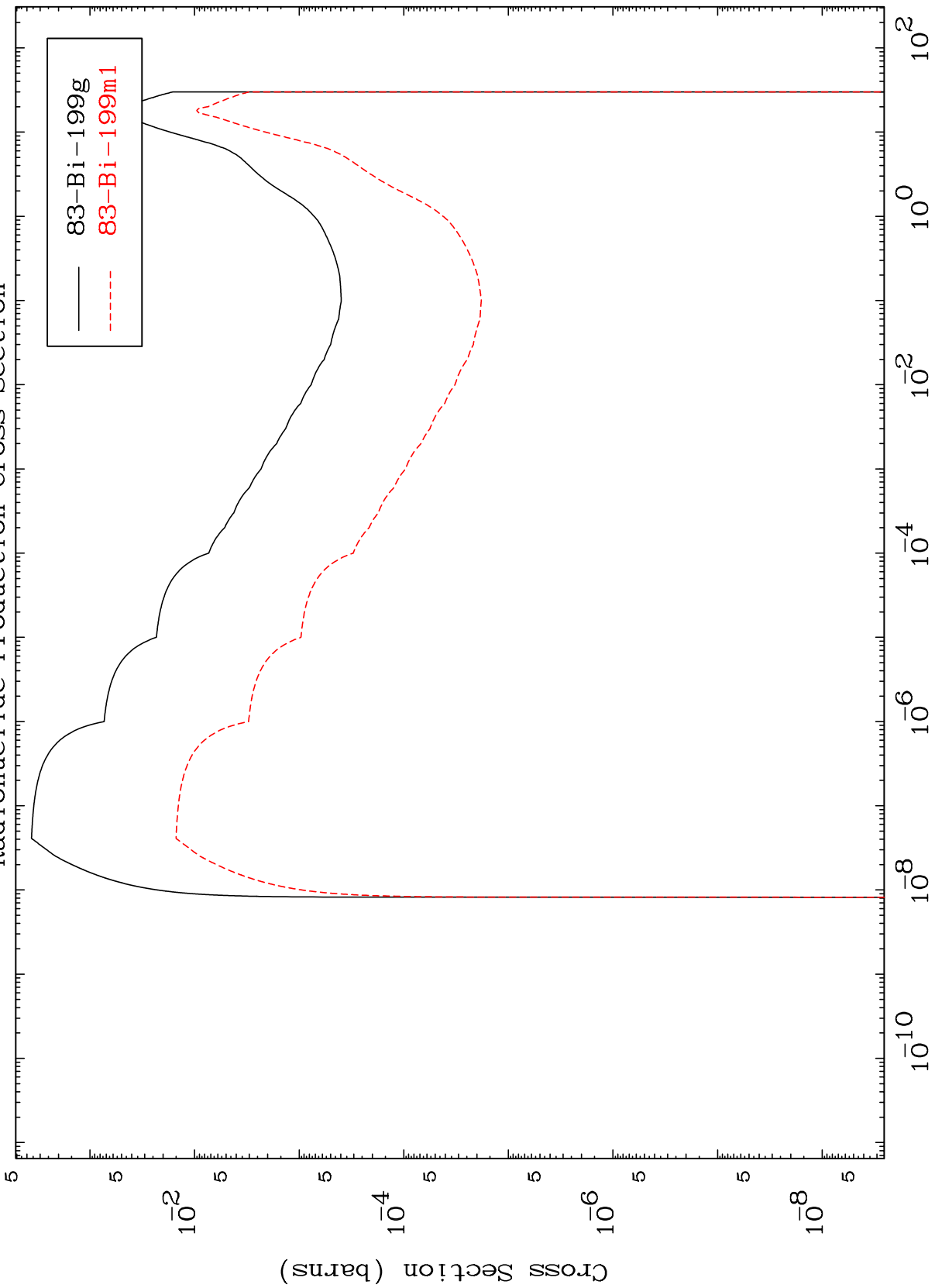


83-Bi-200g
83-Bi-200m1
83-Bi-200m2

MAT 8523

85-At-202m

(n, α)
Radionuclide Production Cross Section



36

85-At-202m

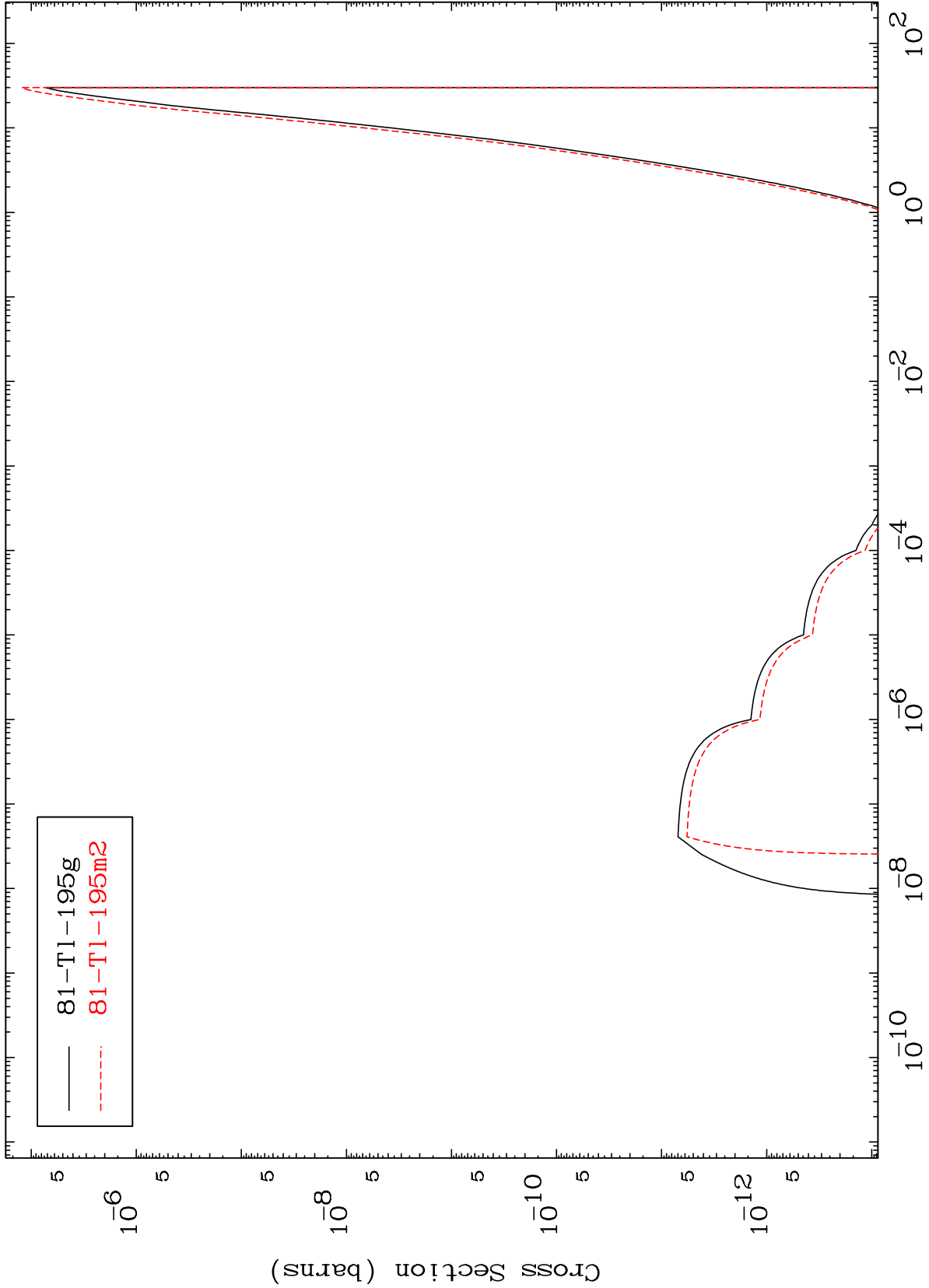
Incident Energy (MeV)

MAT 8523

(n,2α)

85-At-202m

Radionuclide Production Cross Section

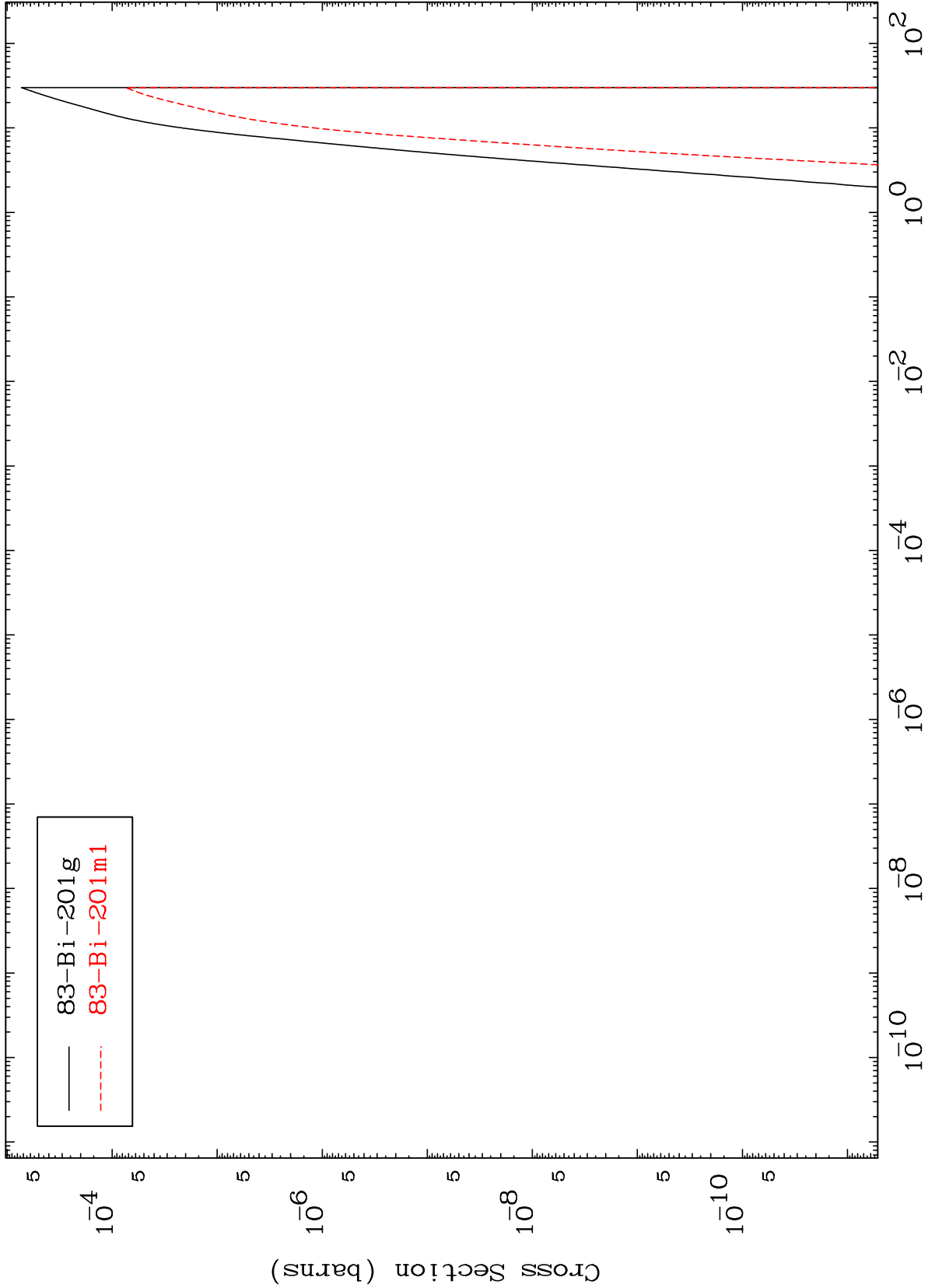


MAT 8523

(n,2p)

85-At-202m

Radionuclide Production Cross Section



83-Bi-201g
83-Bi-201m1

Incident Energy (MeV)

85-At-202m

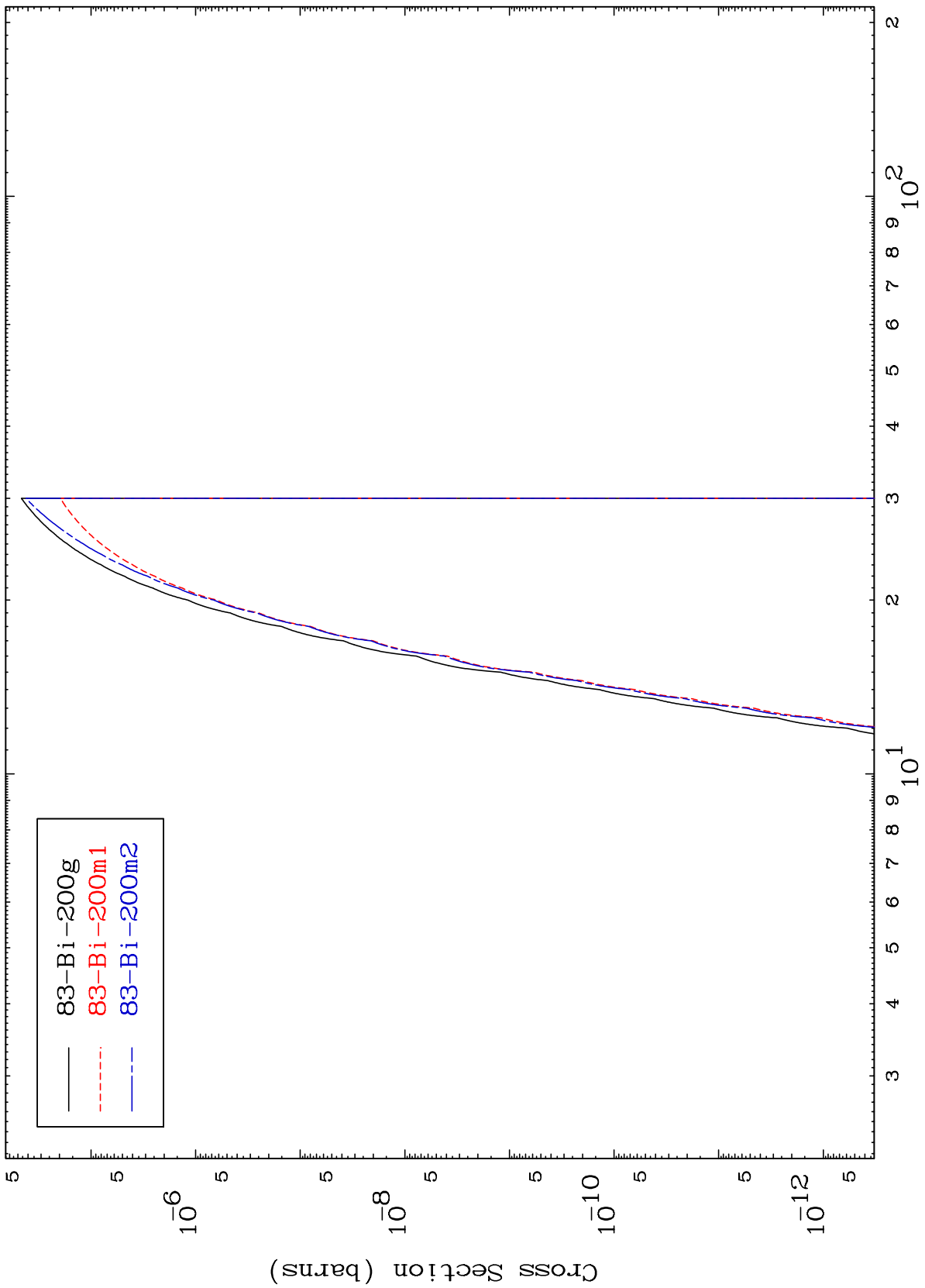
38

MAT 8523

(n,p) d

85-At-202m

Radionuclide Production Cross Section



39

Incident Energy (MeV)

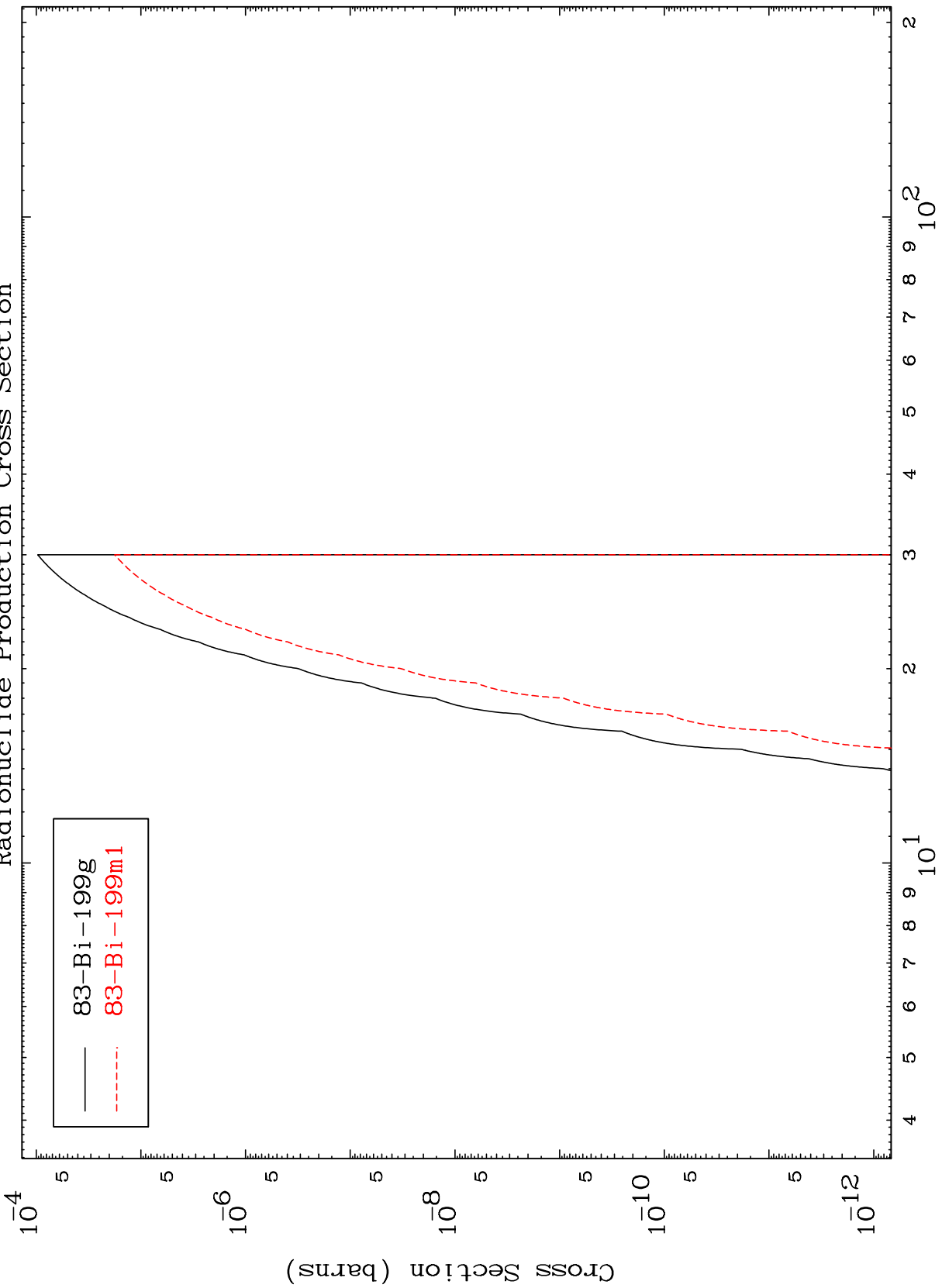
85-At-202m

MAT 8523

(n,p) t

85-At-202m

Radionuclide Production Cross Section



40

Incident Energy (MeV)

85-At-202m

MAT 8523

(n,d) α

85-At-202m

Radionuclide Production Cross Section

