

Program EVALPLOT
(Version 2021-1)

by

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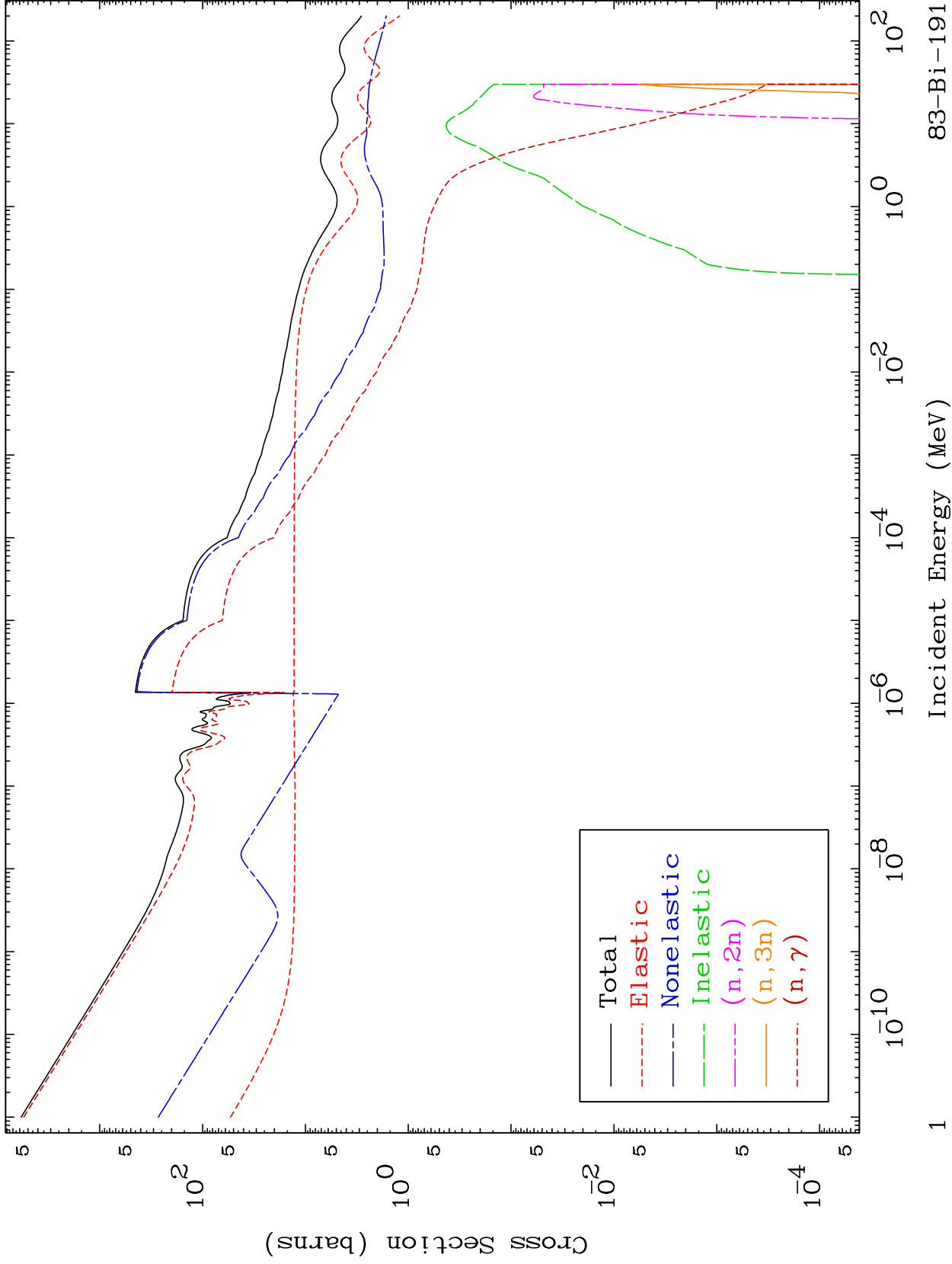
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Press Mouse Button to Start

MAT 8271

Neutron Major
293 Kelvin Cross Sections

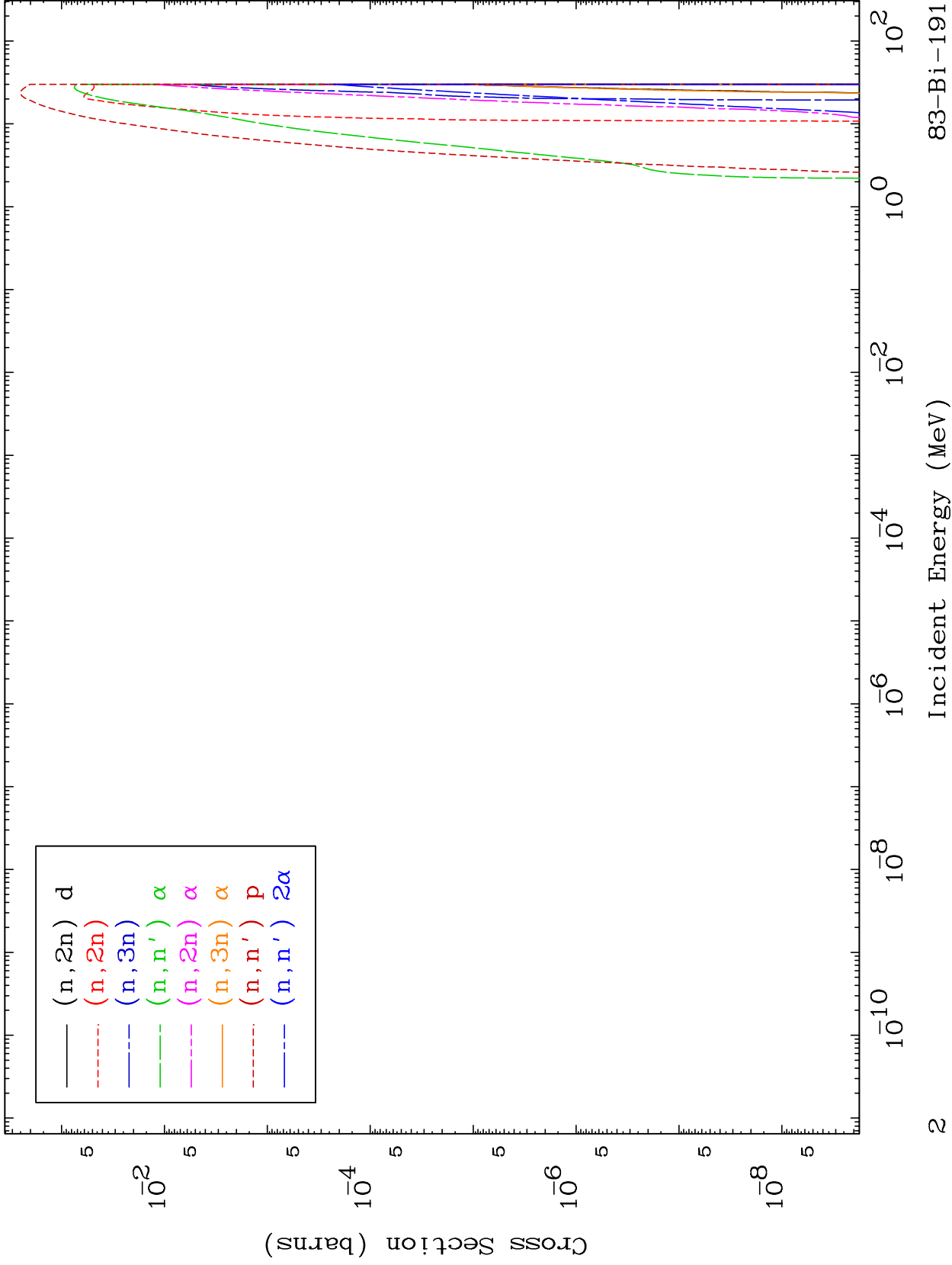
83-Bi-191

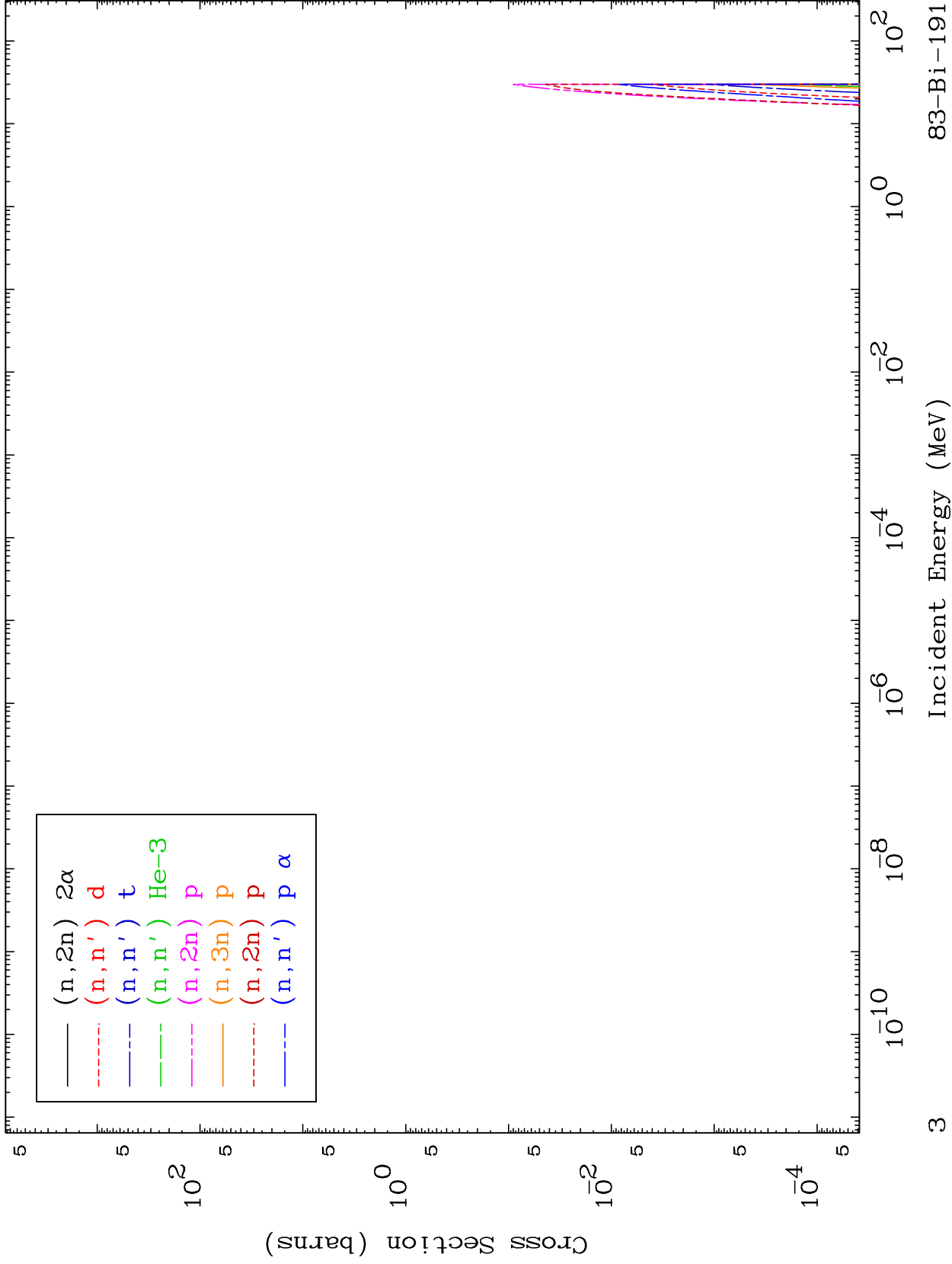


MAT 8271

Neutron Absorption
293 Kelvin Cross Sections

83-Bi-191

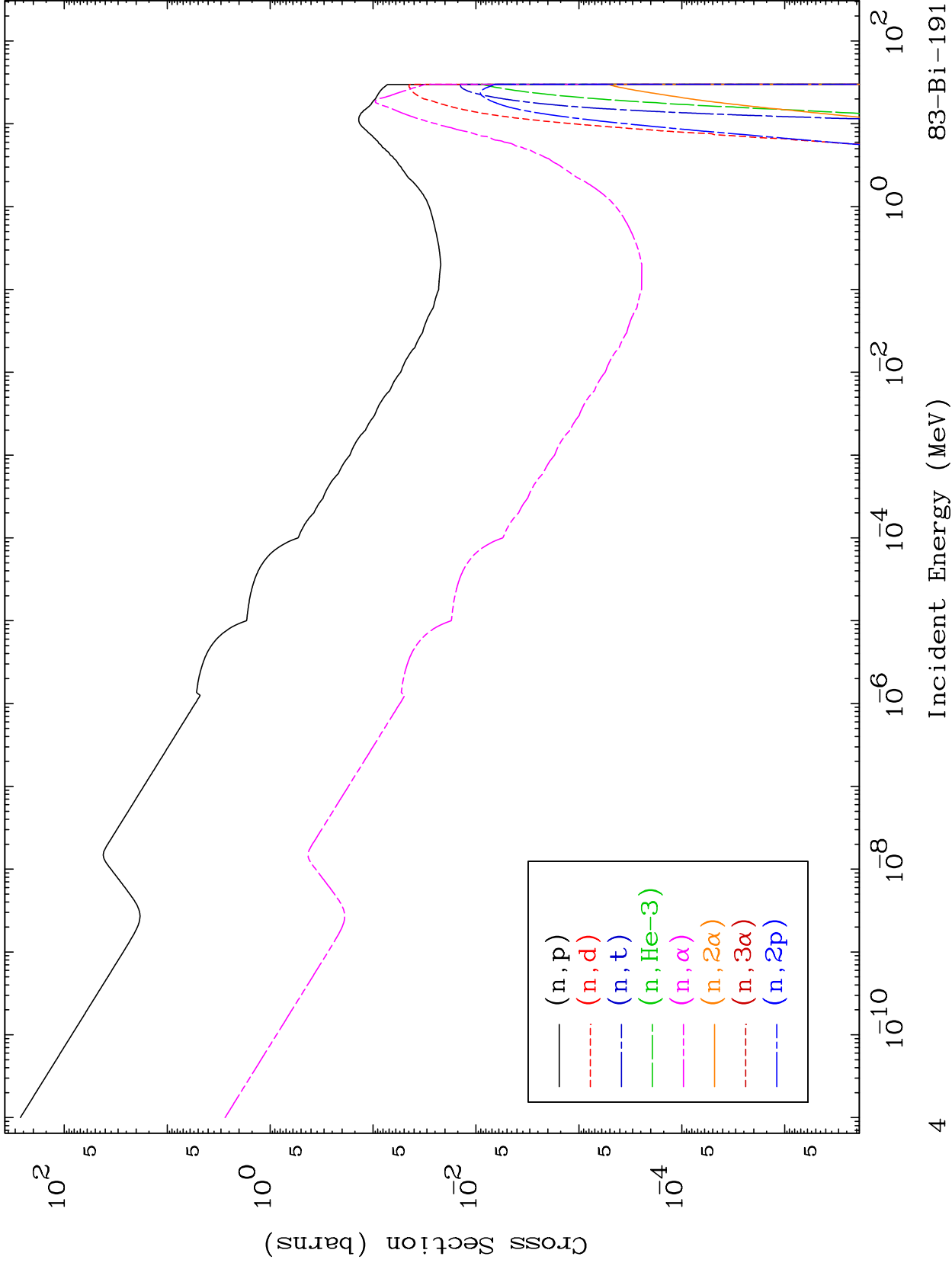


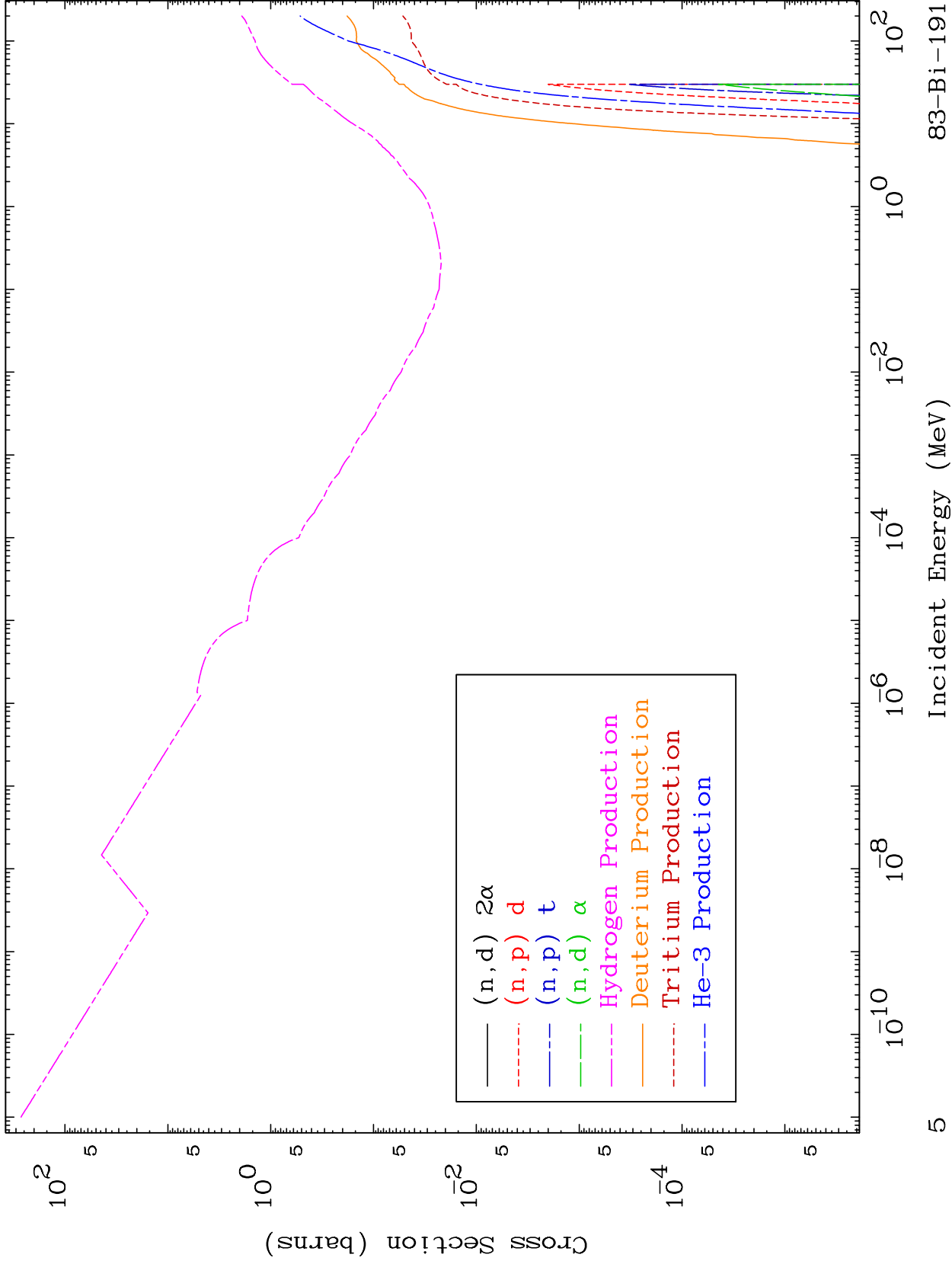


MAT 8271

Neutron Absorption
293 Kelvin Cross Sections

83-Bi-191

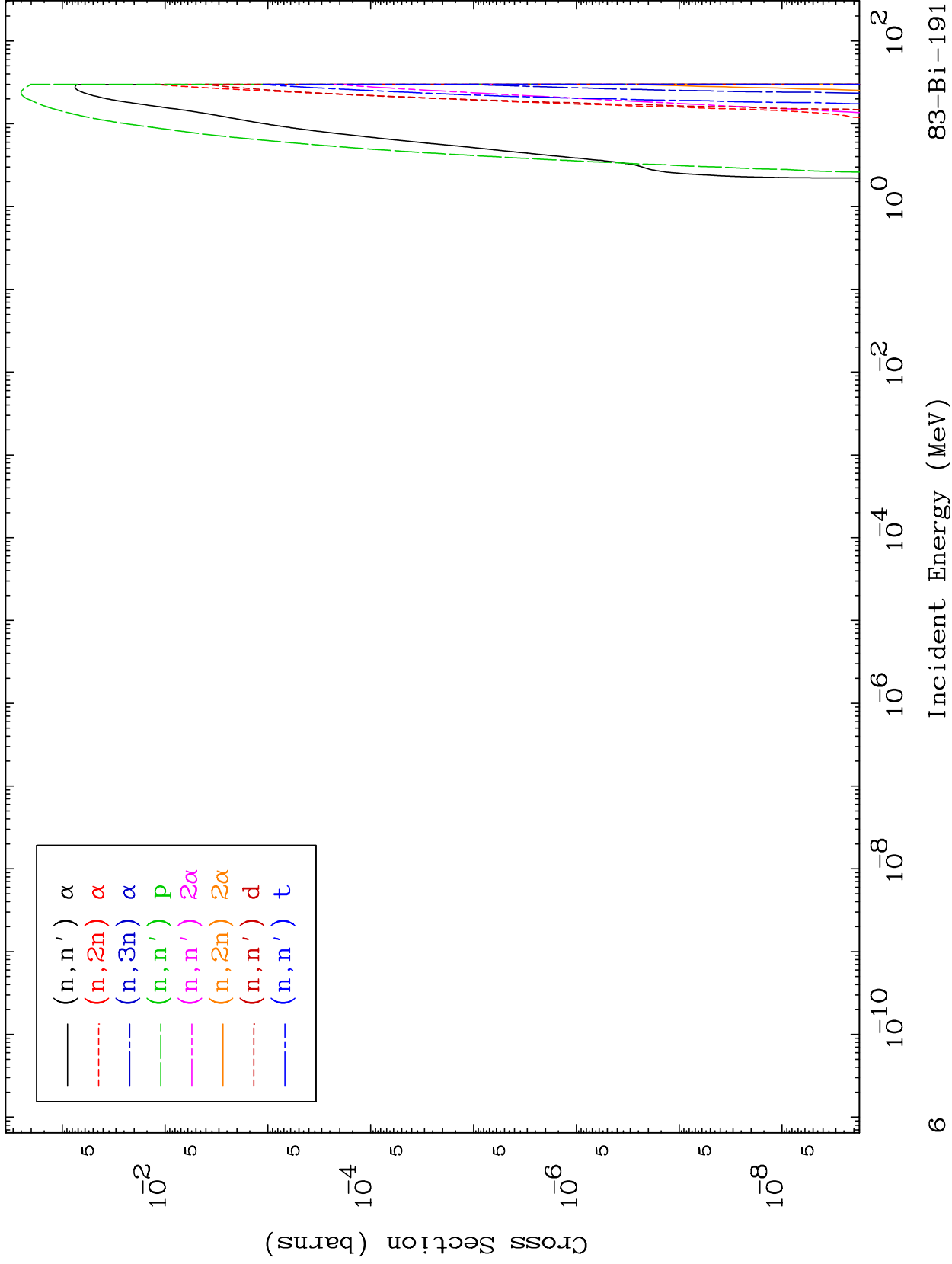




MAT 8271

Charged Particle
293 Kelvin Cross Sections

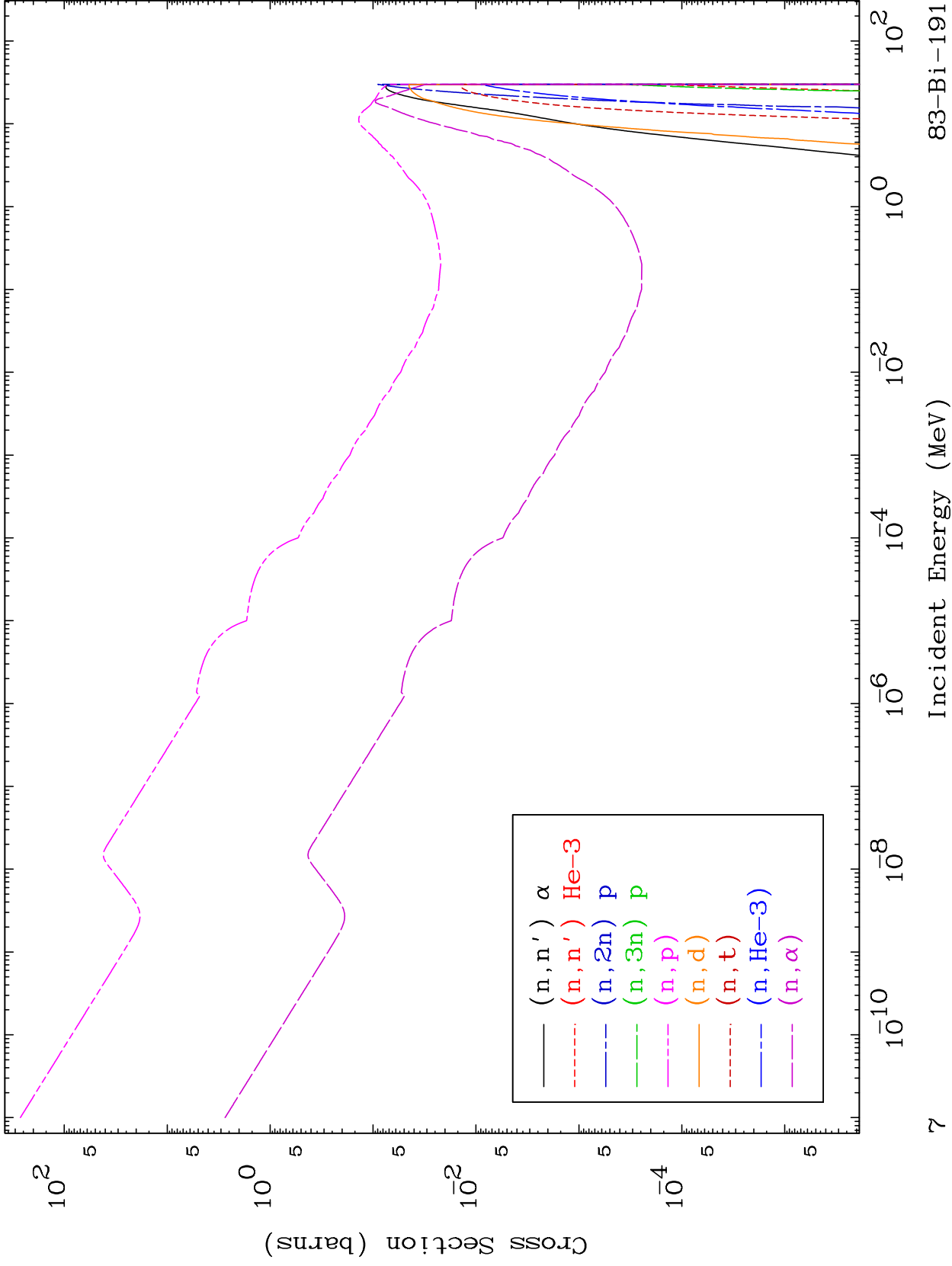
83-Bi-191

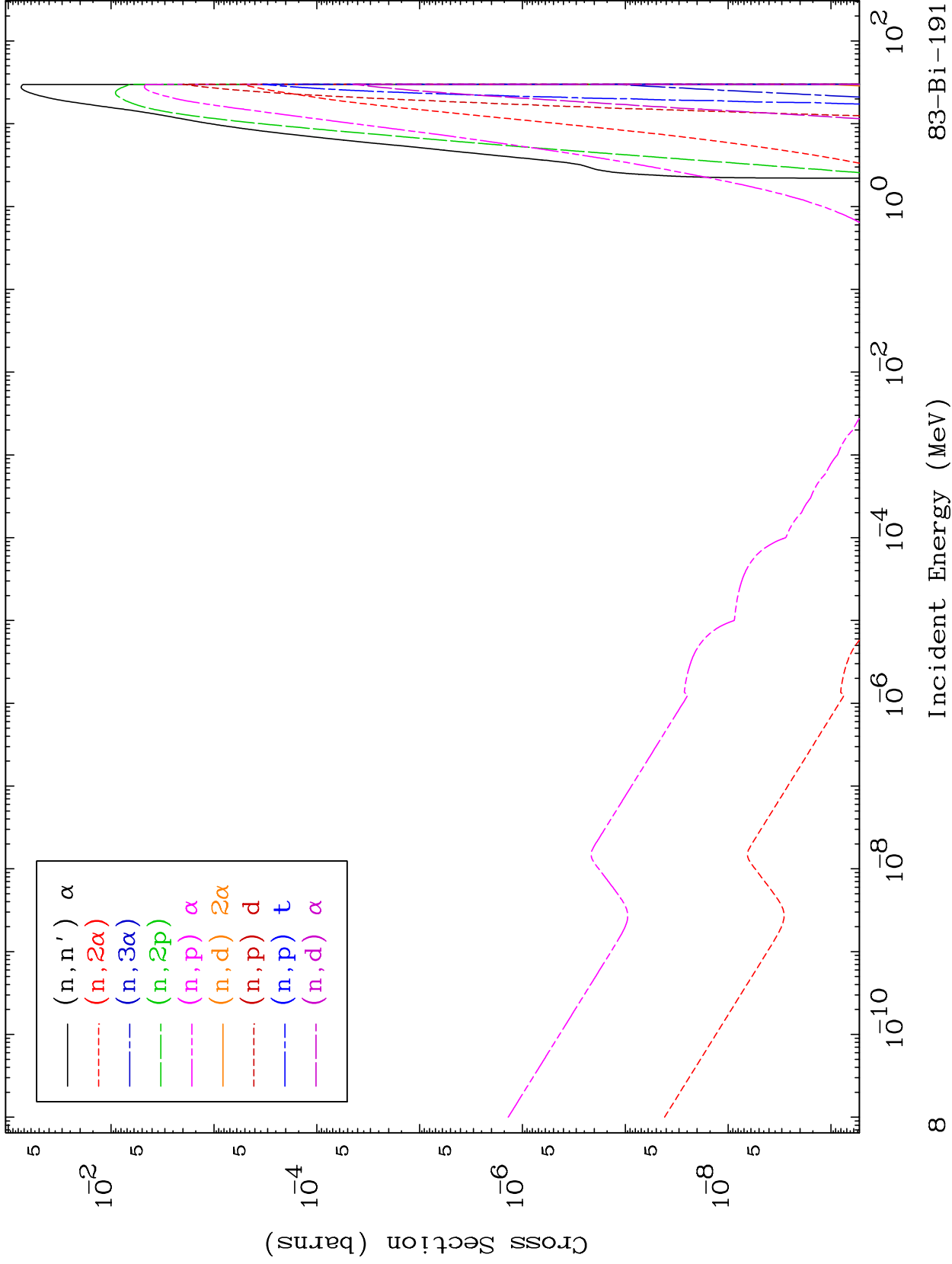


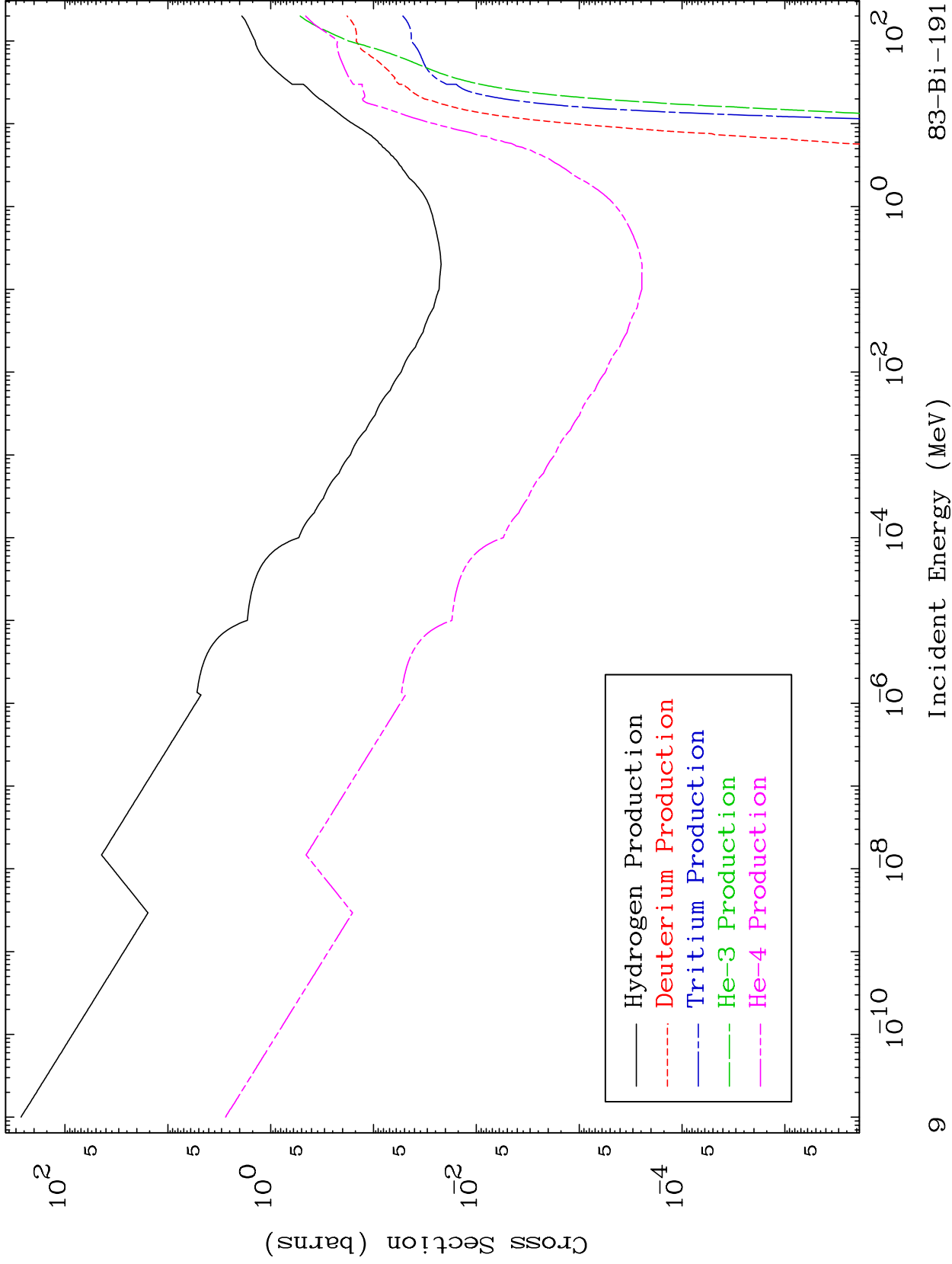
MAT 8271

Charged Particle
293 Kelvin Cross Sections

83-Bi-191



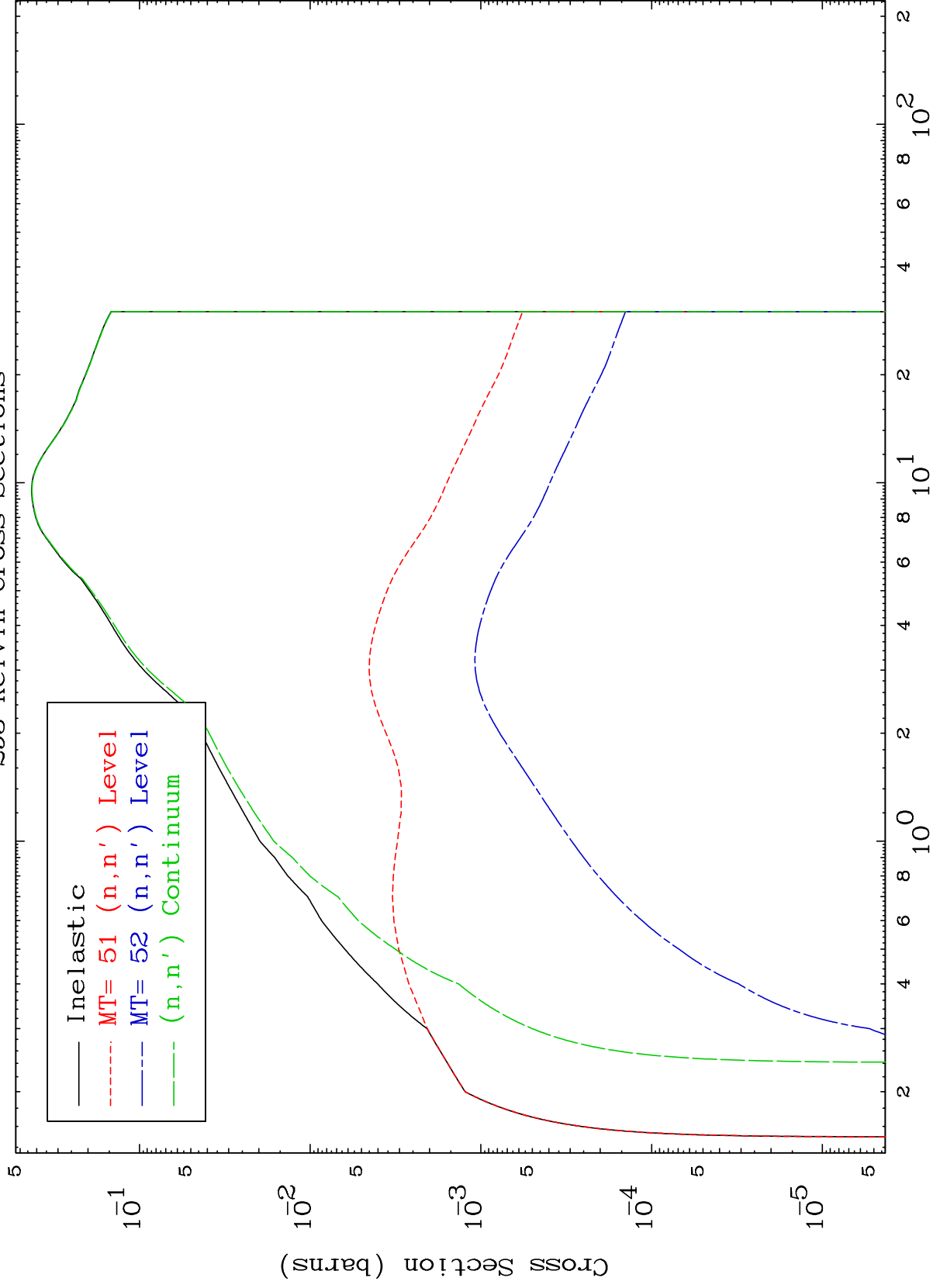




MAT 8271

83-Bi-191

(n,n') Levels
293 Kelvin Cross Sections



10

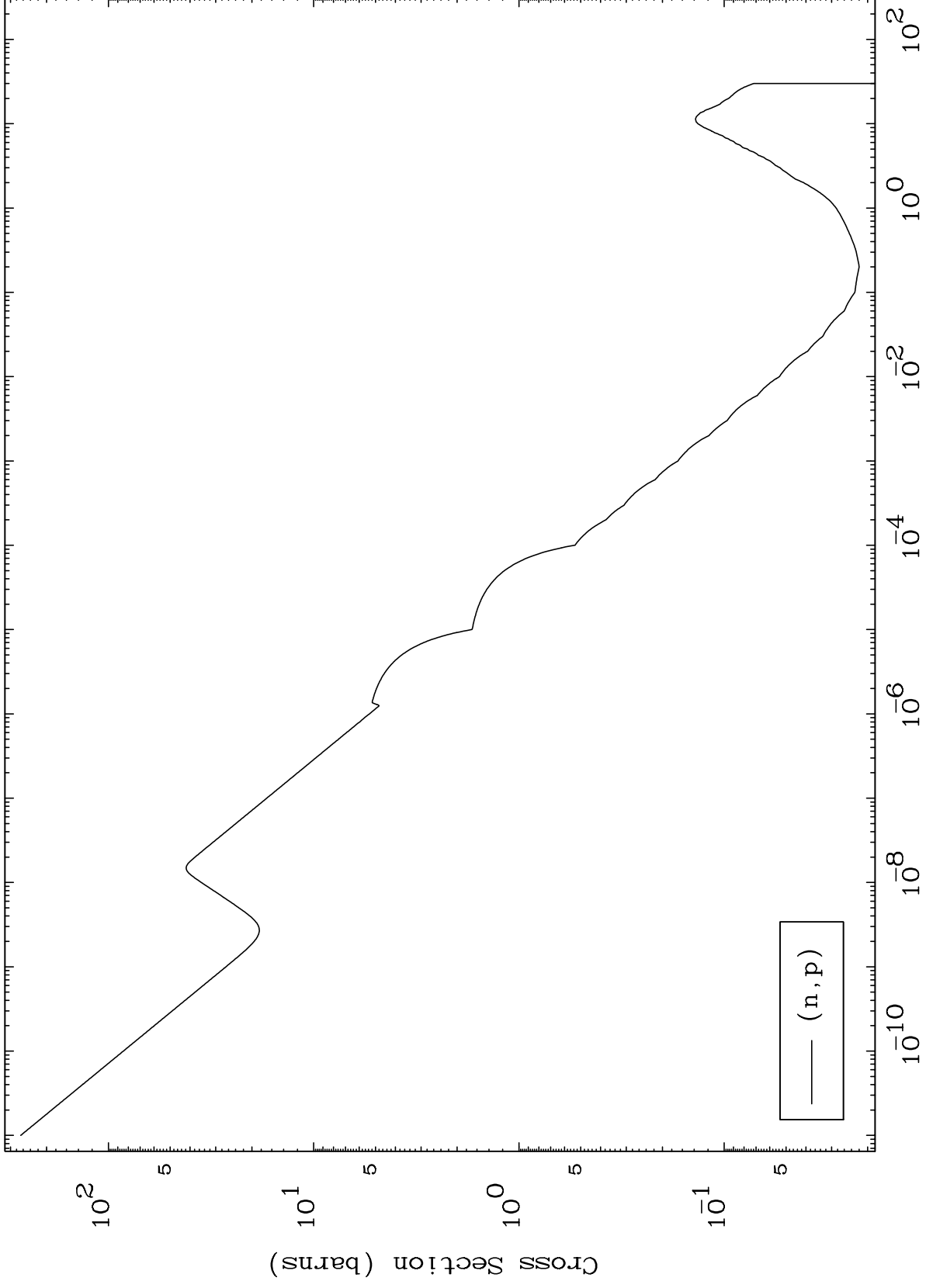
Incident Energy (MeV)

83-Bi-191

MAT 8271

(n,p) Levels
293 Kelvin Cross Sections

83-Bi-191

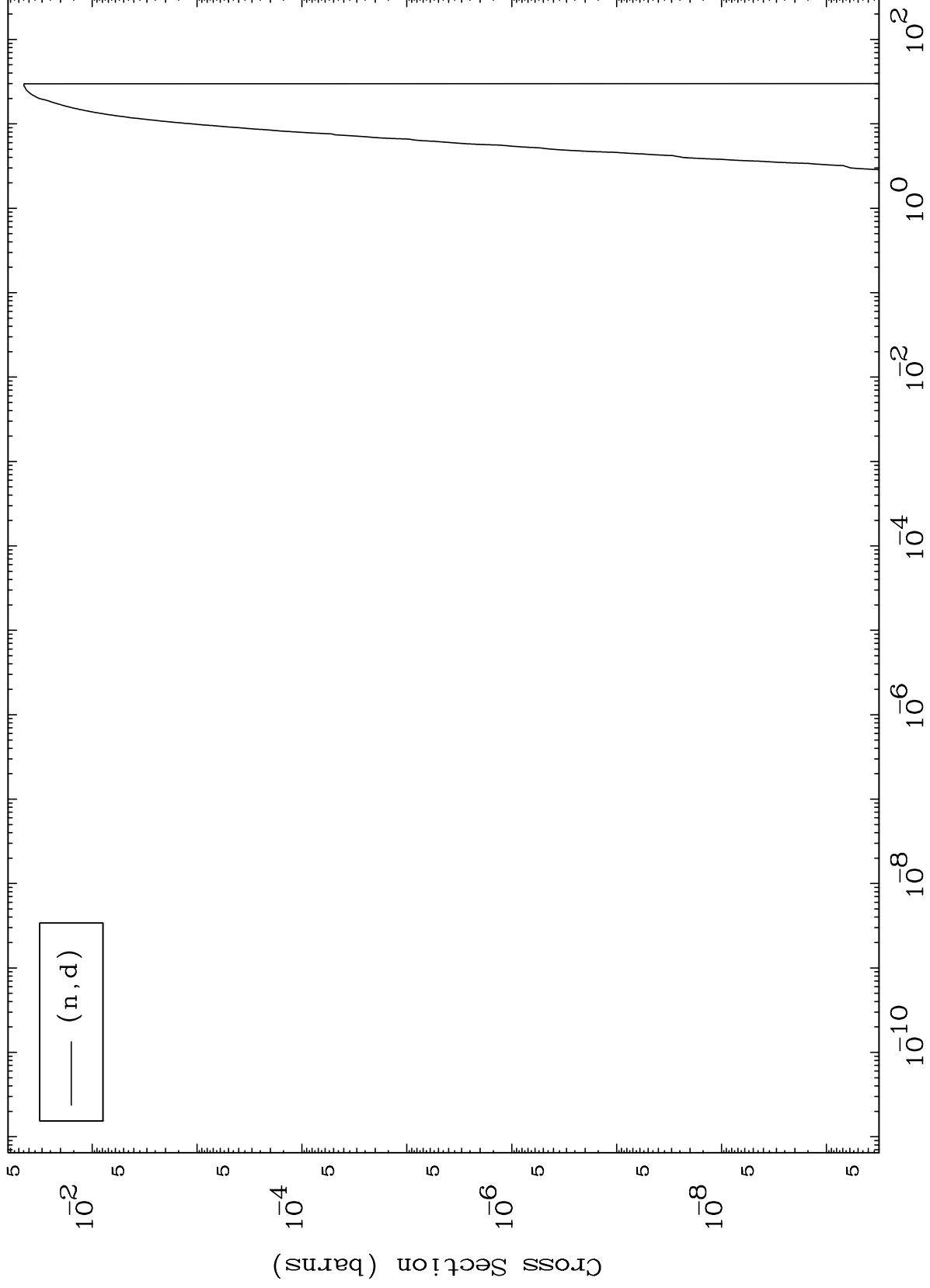


83-Bi-191

MAT 8271

(n,d) Levels
293 Kelvin Cross Sections

83-Bi-191



12

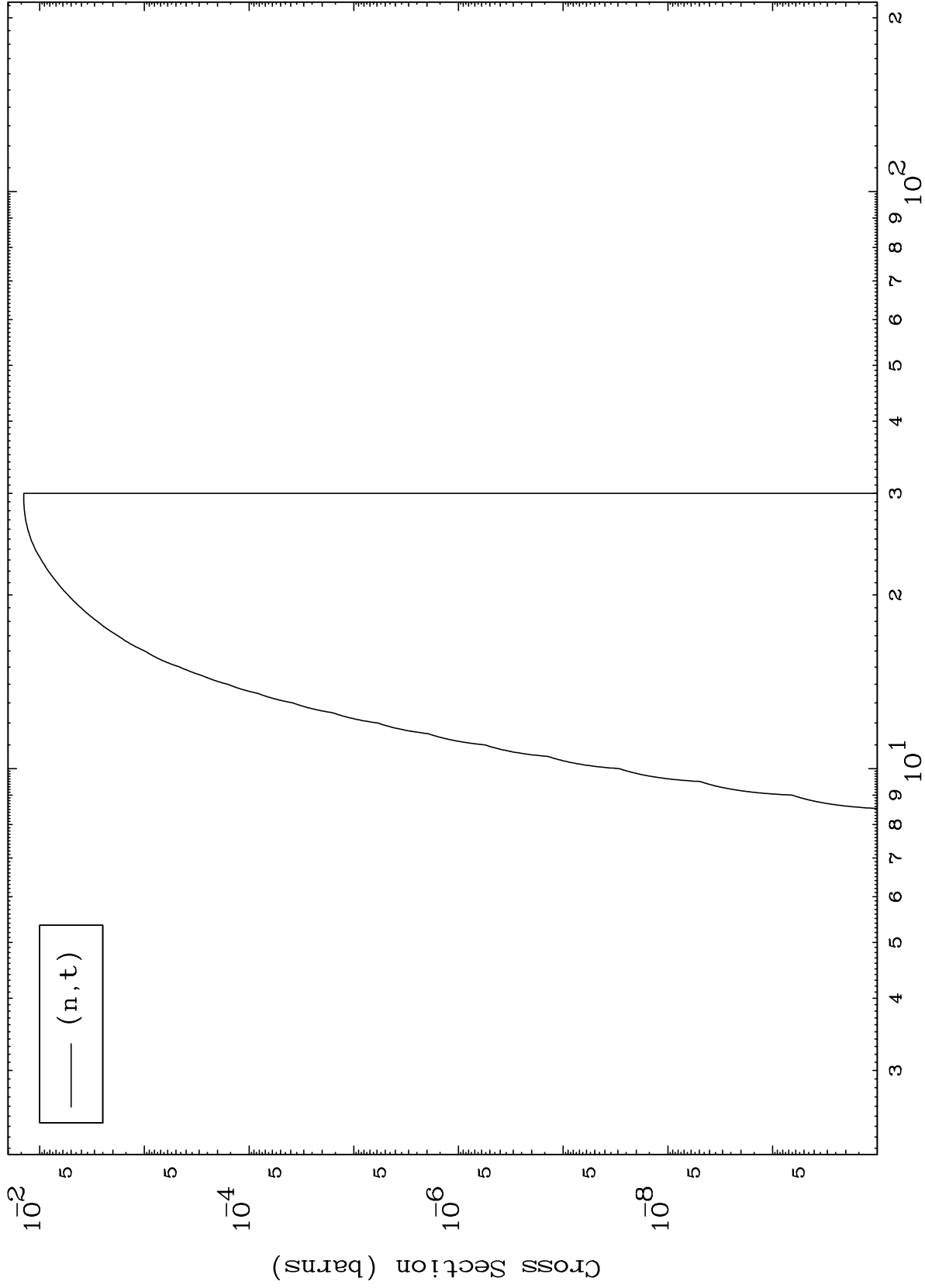
Incident Energy (MeV)

83-Bi-191

MAT 8271

(n,t) Levels
293 Kelvin Cross Sections

83-Bi-191



13

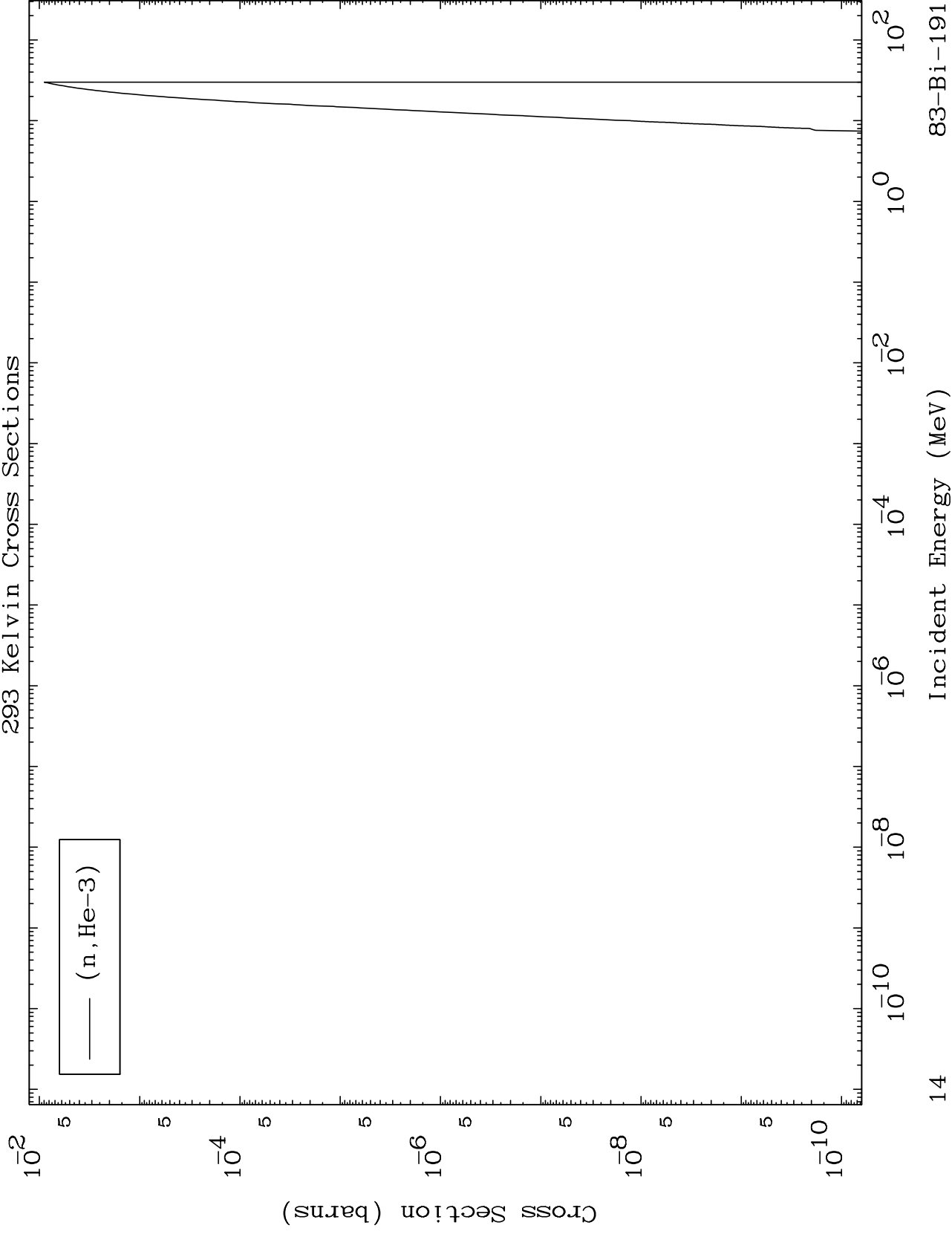
Incident Energy (MeV)

83-Bi-191

MAT 8271

(n,He3) Levels
293 Kelvin Cross Sections

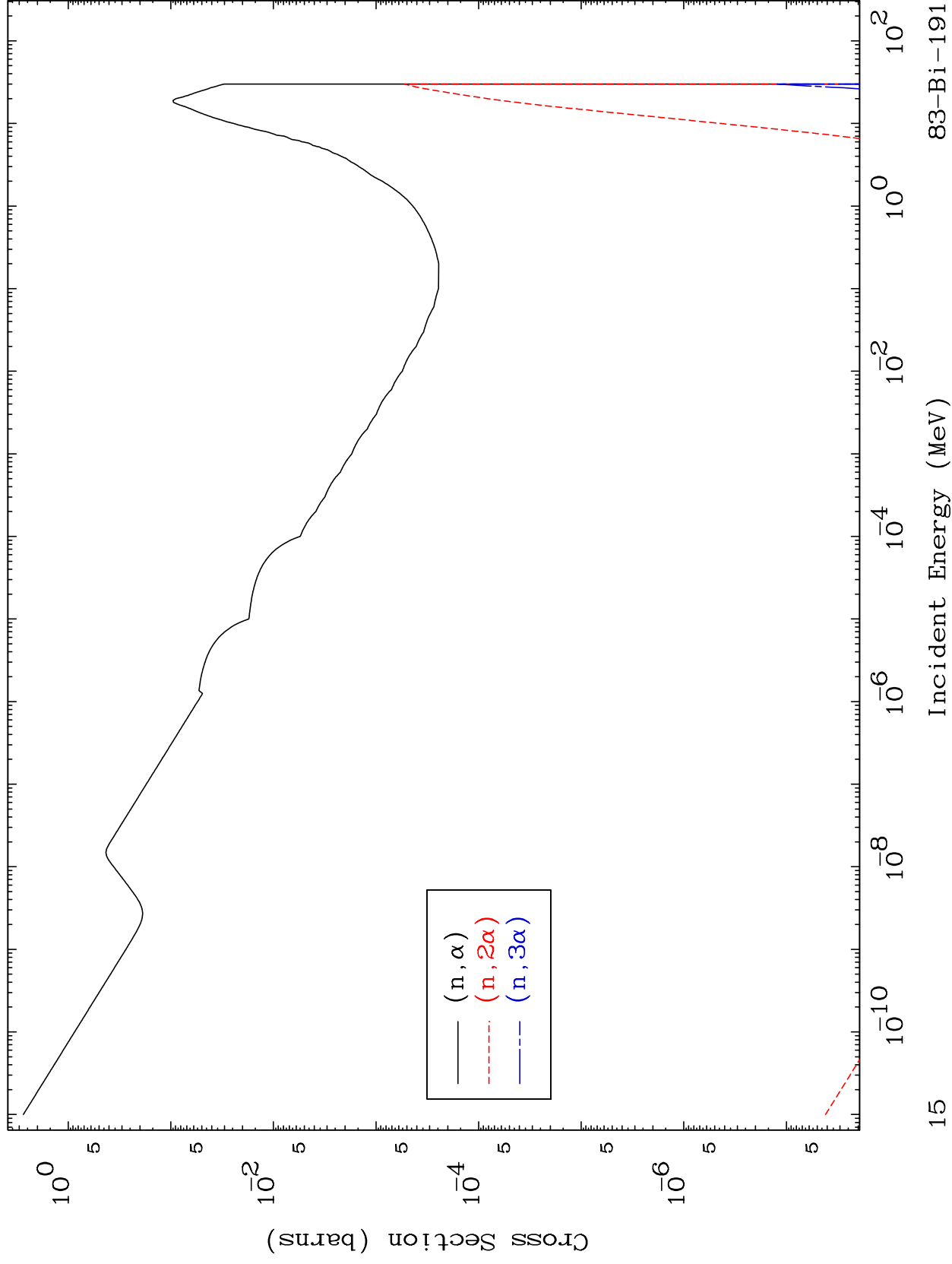
83-Bi-191



MAT 8271

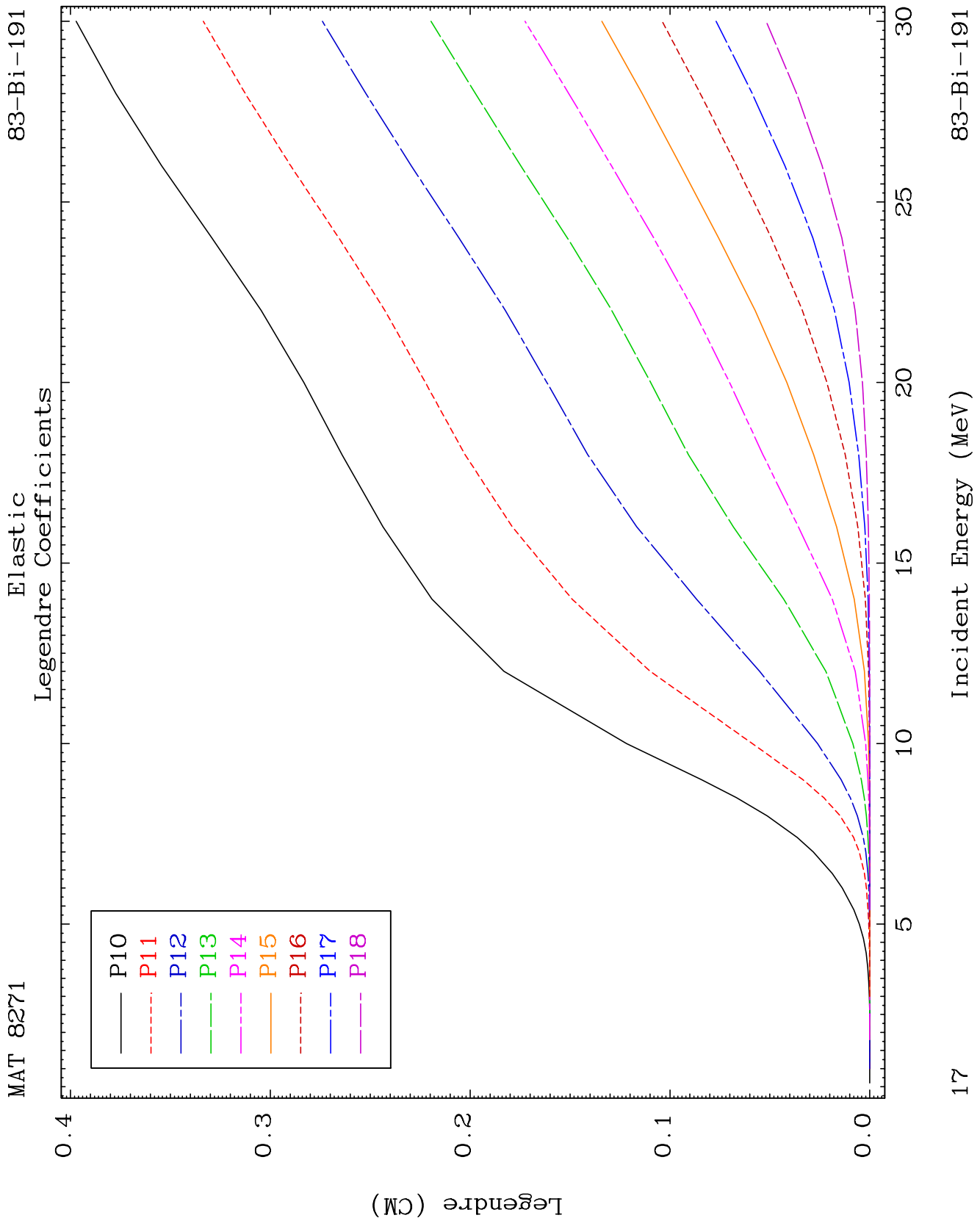
(n, α) Levels
293 Kelvin Cross Sections

83-Bi-191



15

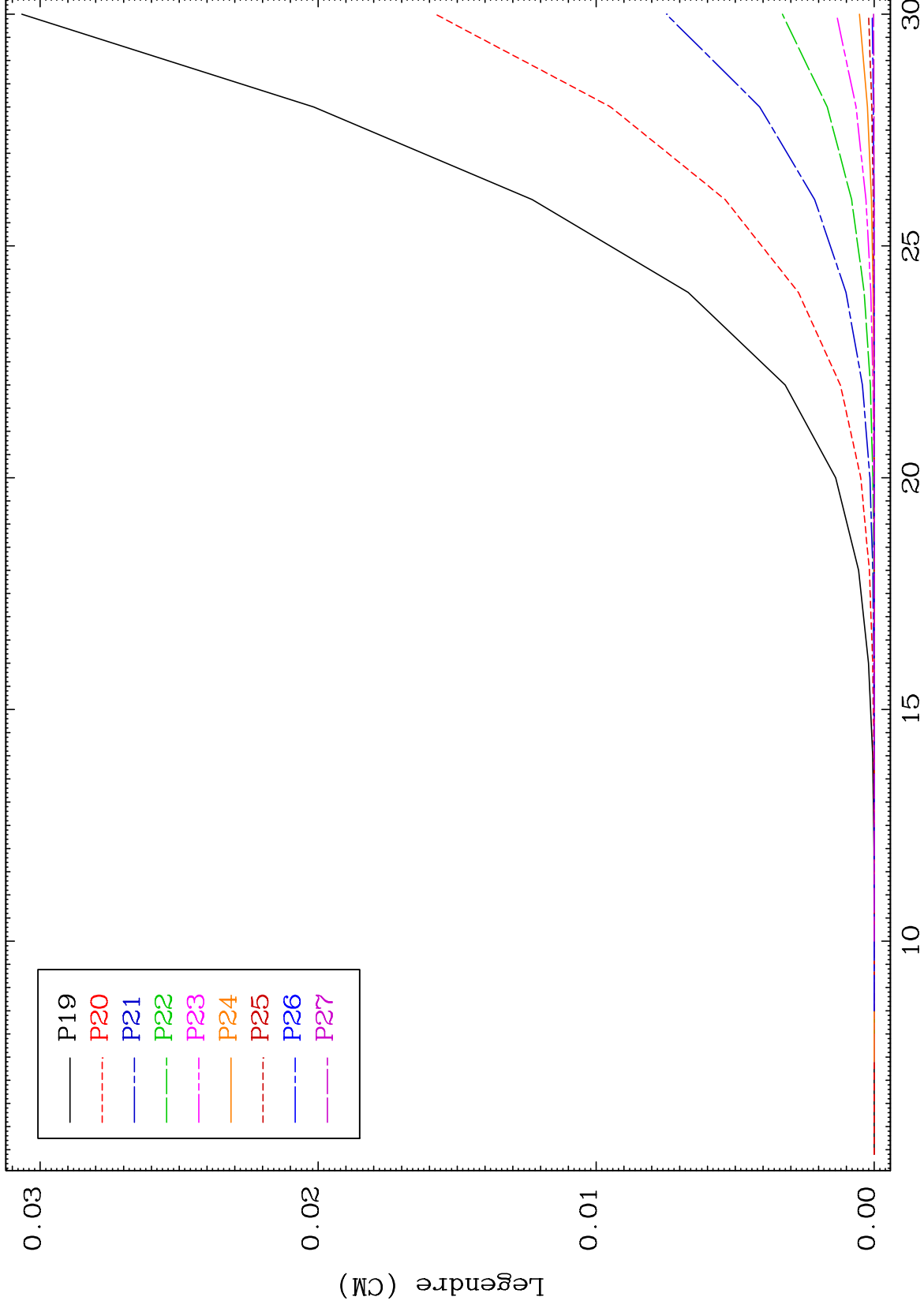
83-Bi-191



MAT 8271

Elastic
Legendre Coefficients

83-Bi-191



18

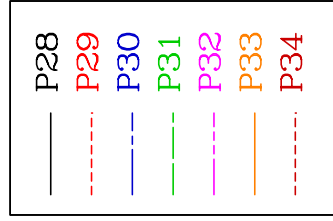
Incident Energy (MeV)

83-Bi-191

MAT 8271

Elastic
Legendre Coefficients

83-Bi-191



$\times 10^{-6}$

8

6

4

2

0

Legendre (CM)

15

20

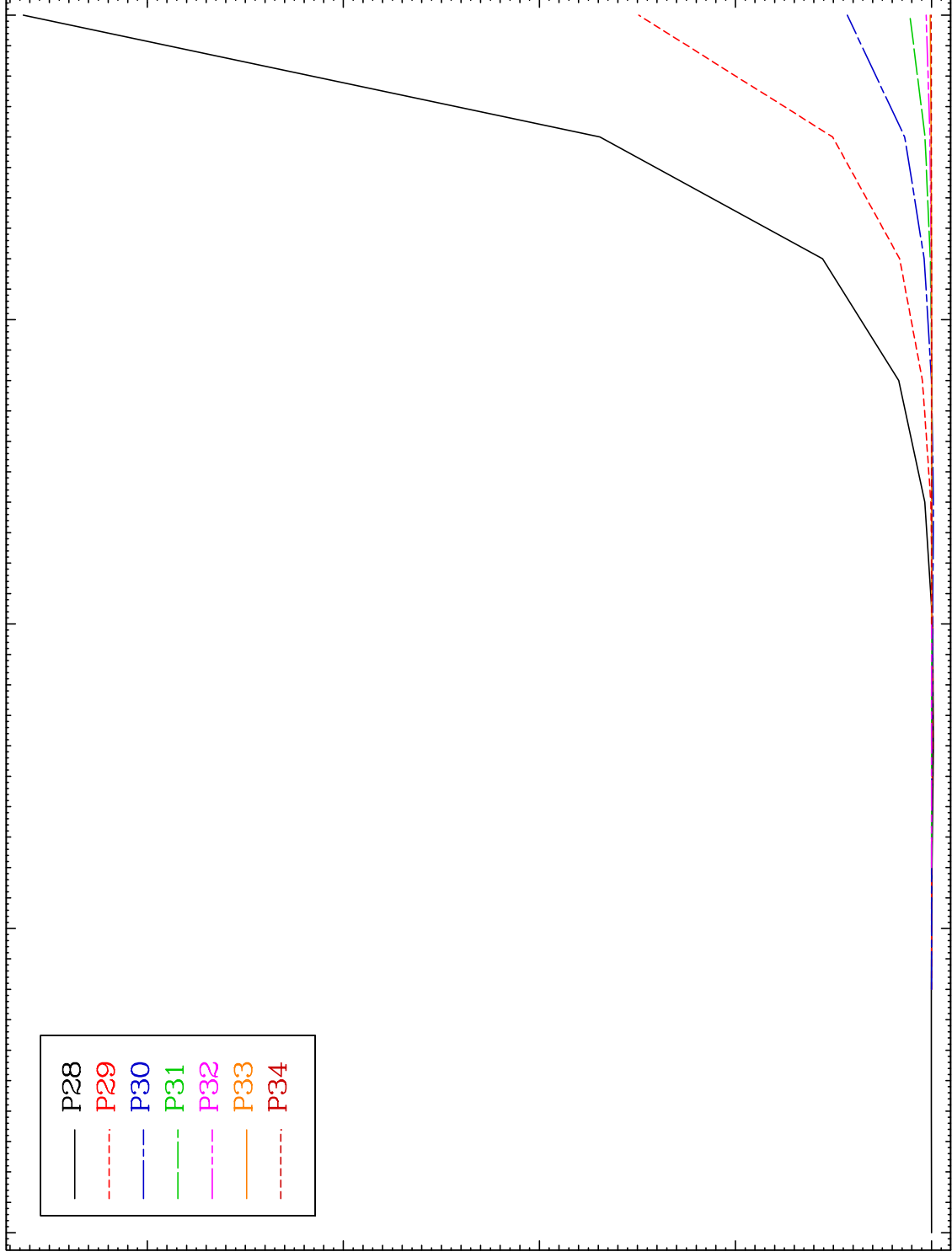
25

30

19

Incident Energy (MeV)

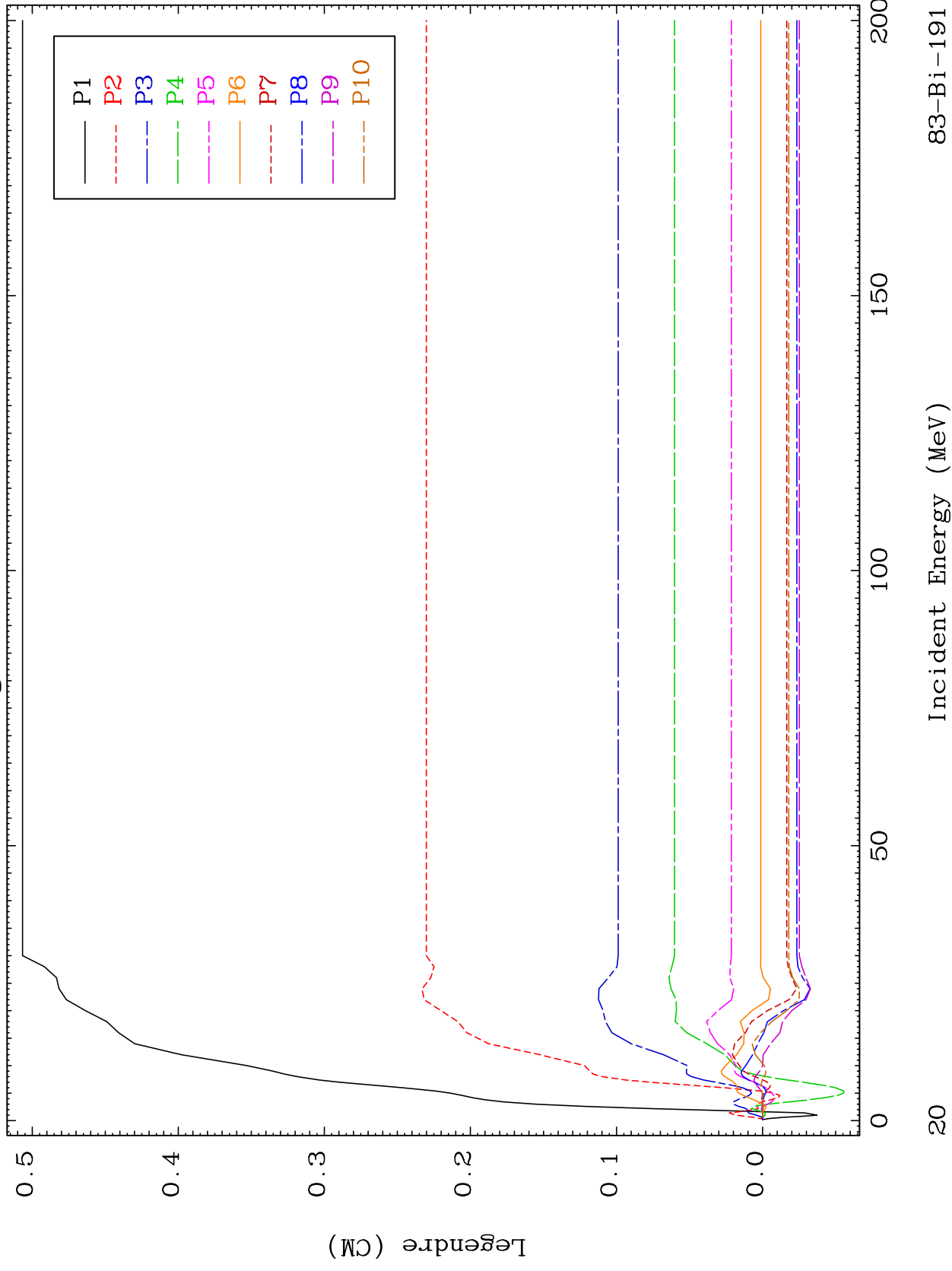
83-Bi-191



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

83-Bi-191



83-Bi-191

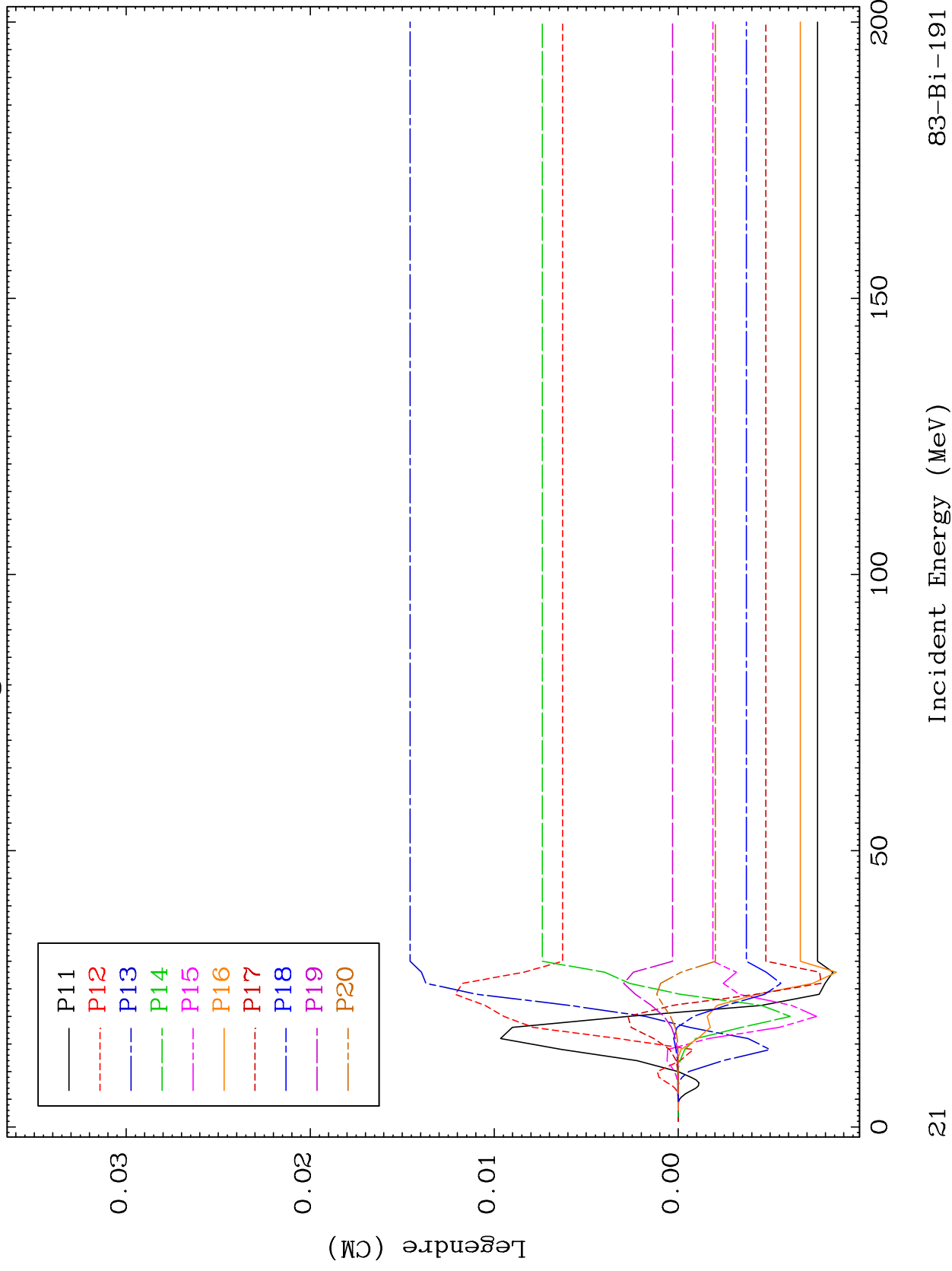
Incident Energy (MeV)

20

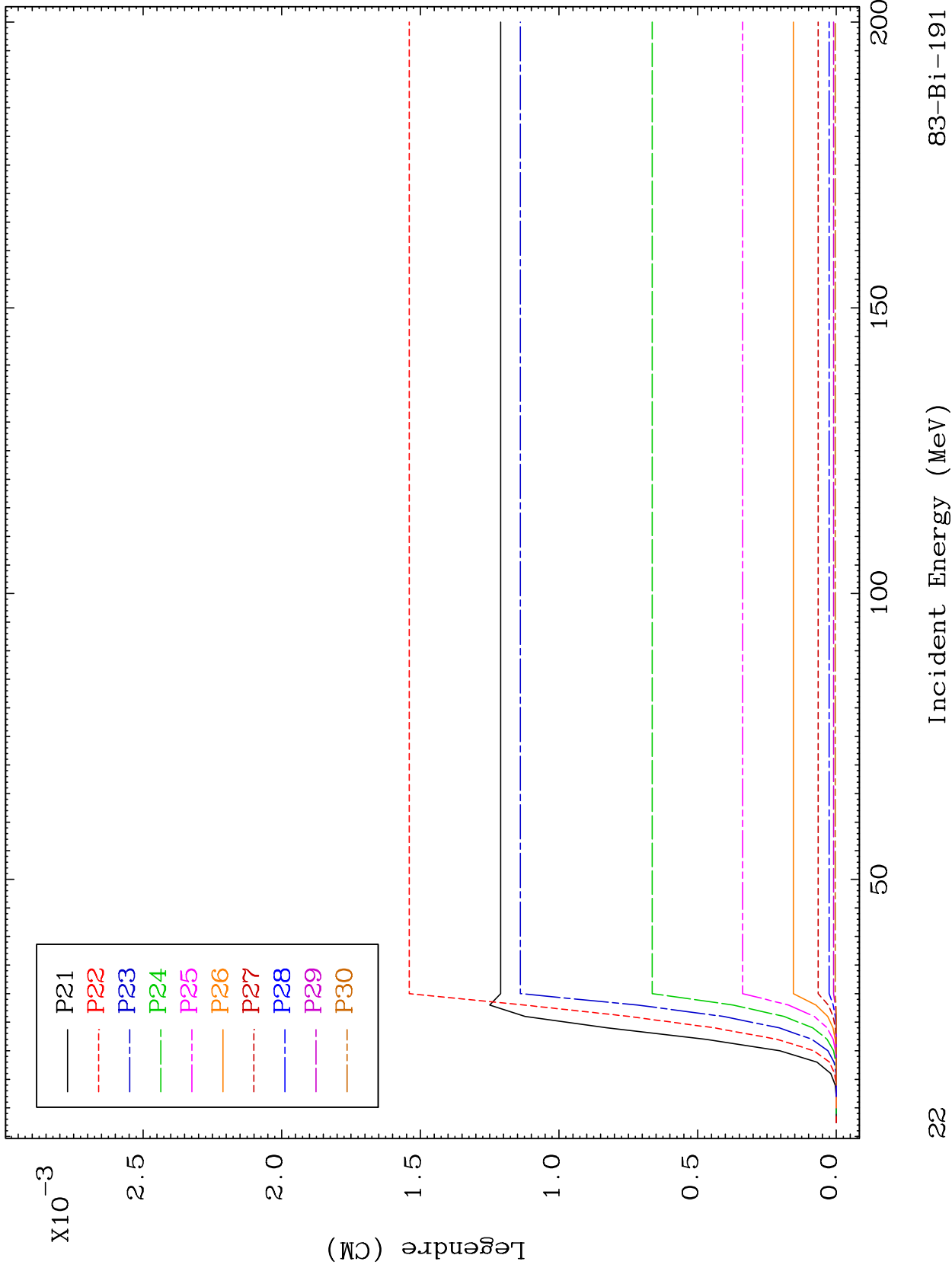
MAT 8271

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

83-Bi-191



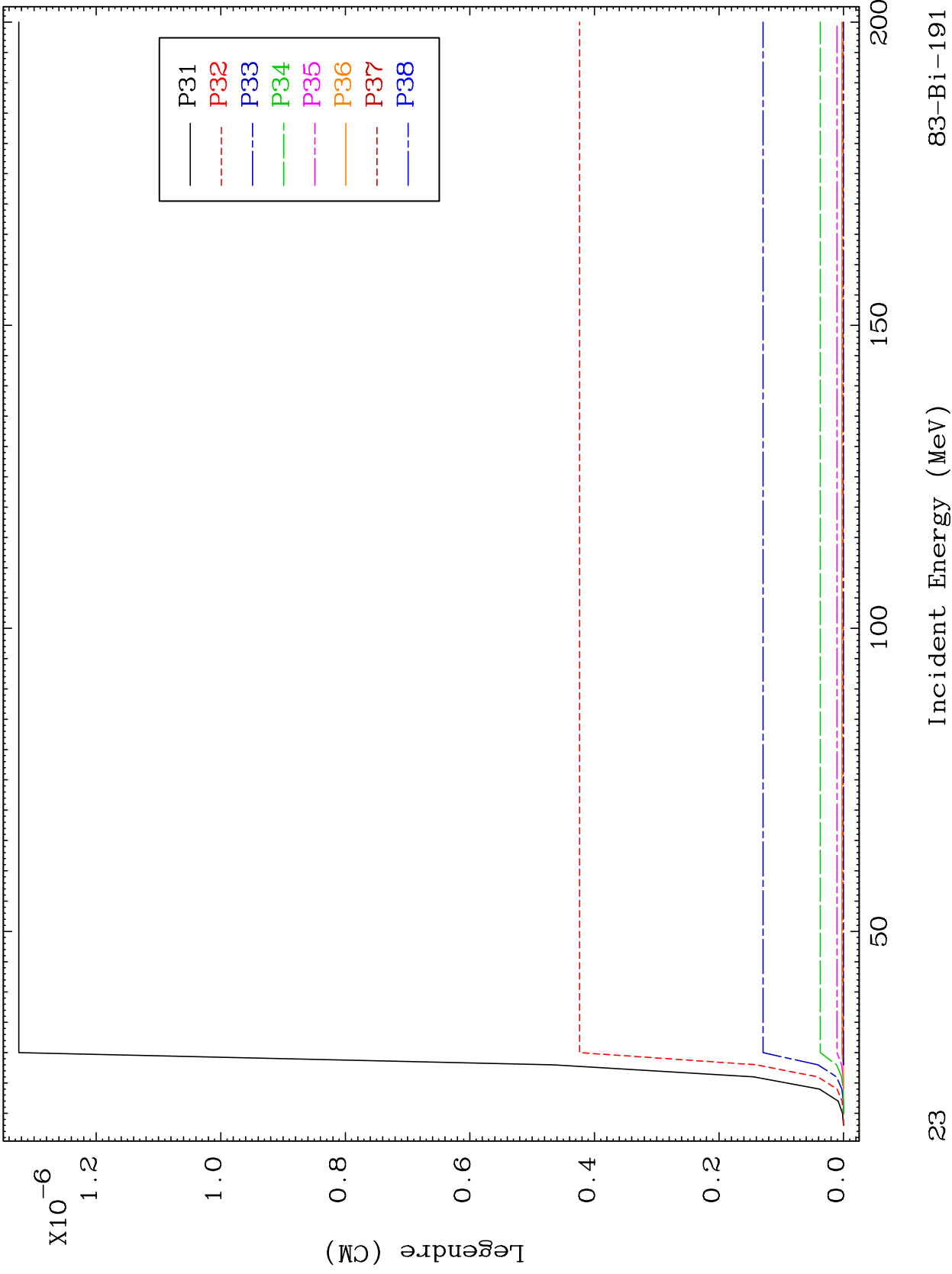
21



MAT 8271

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

83-Bi-191



23

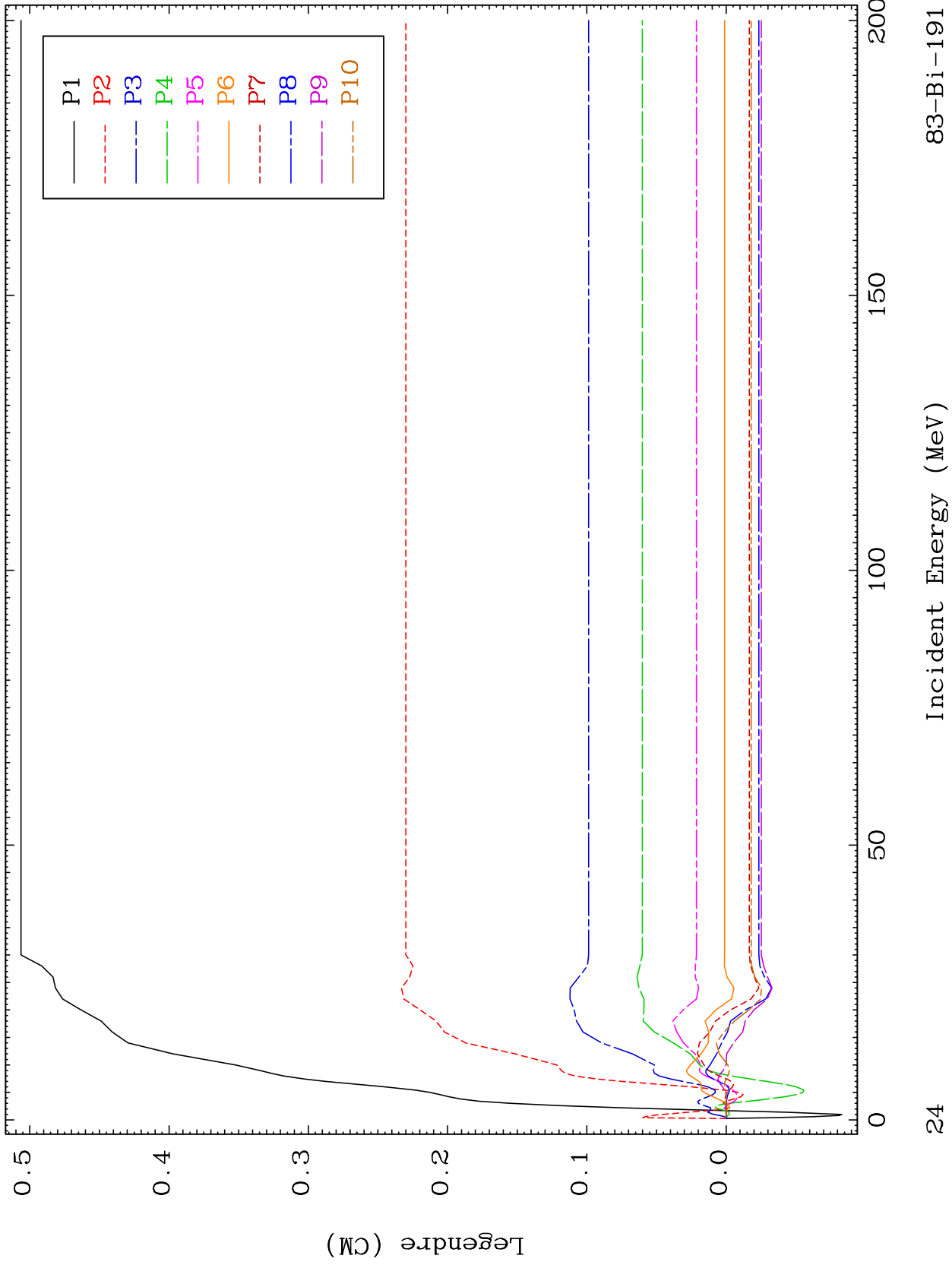
Incident Energy (MeV)

83-Bi-191

MAT 8271

83-Bi-191

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



83-Bi-191

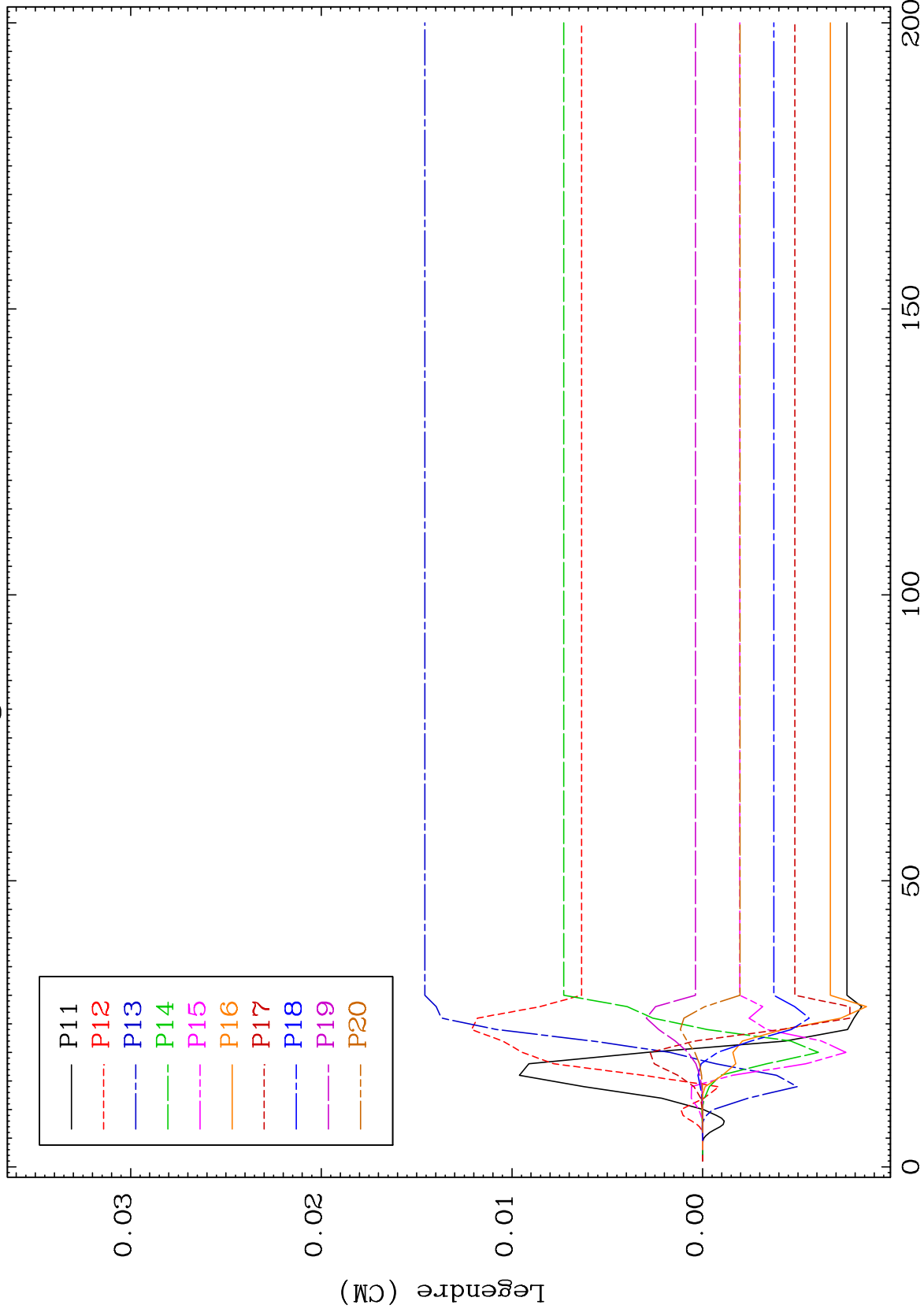
Incident Energy (MeV)

24

MAT 8271

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

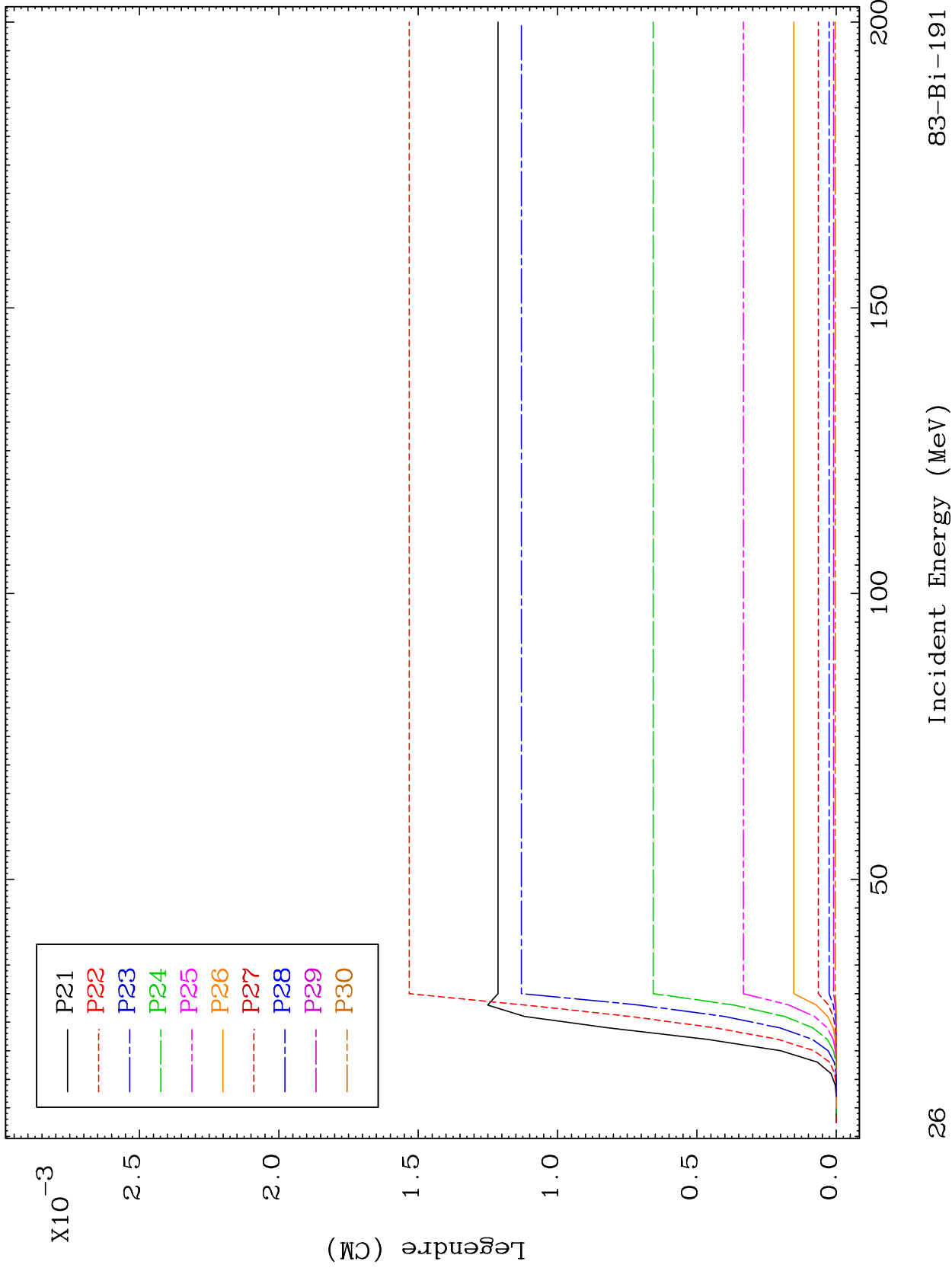
83-Bi-191



25

Incident Energy (MeV)

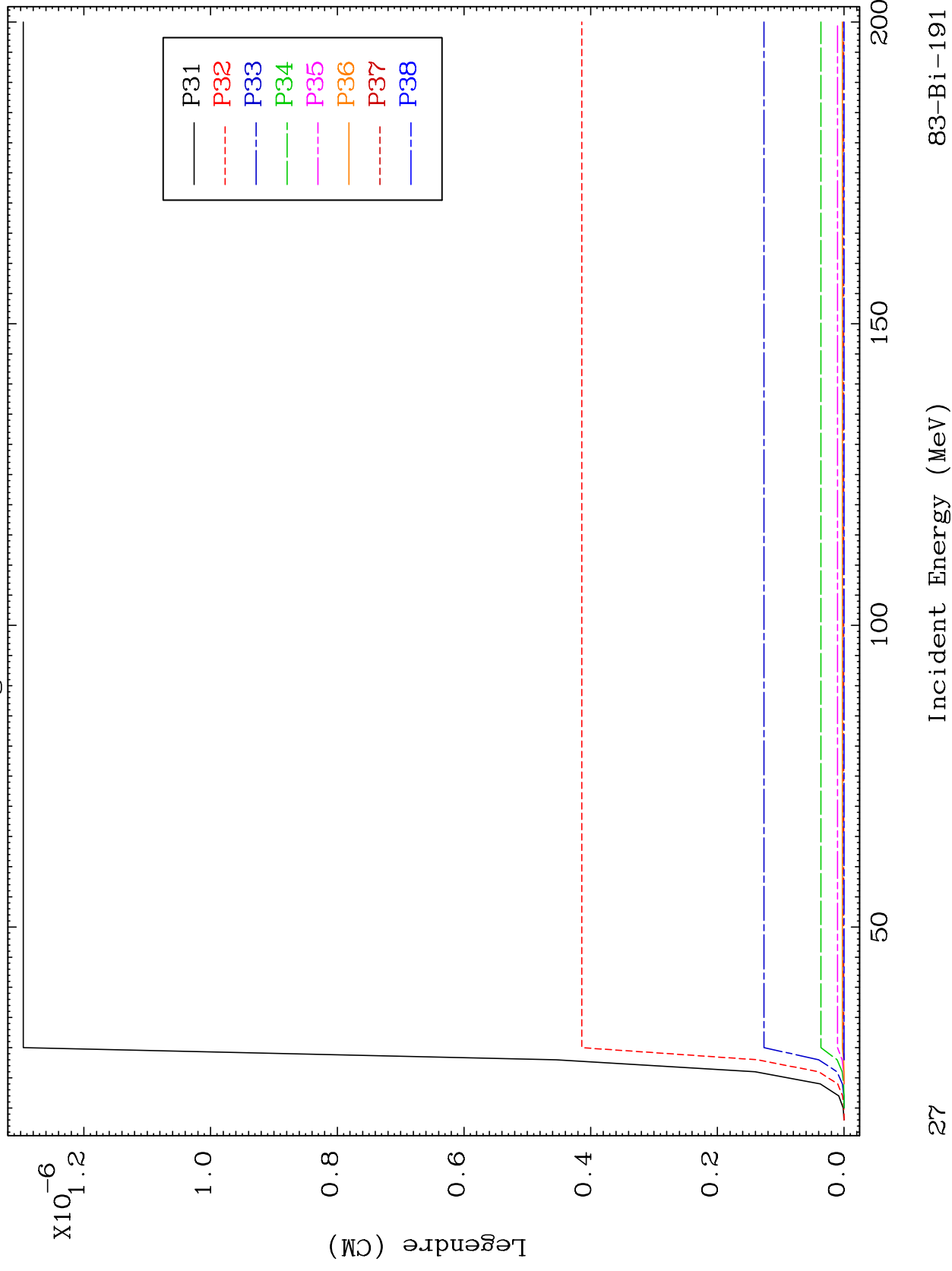
83-Bi-191



MAT 8271

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

83-Bi-191



27

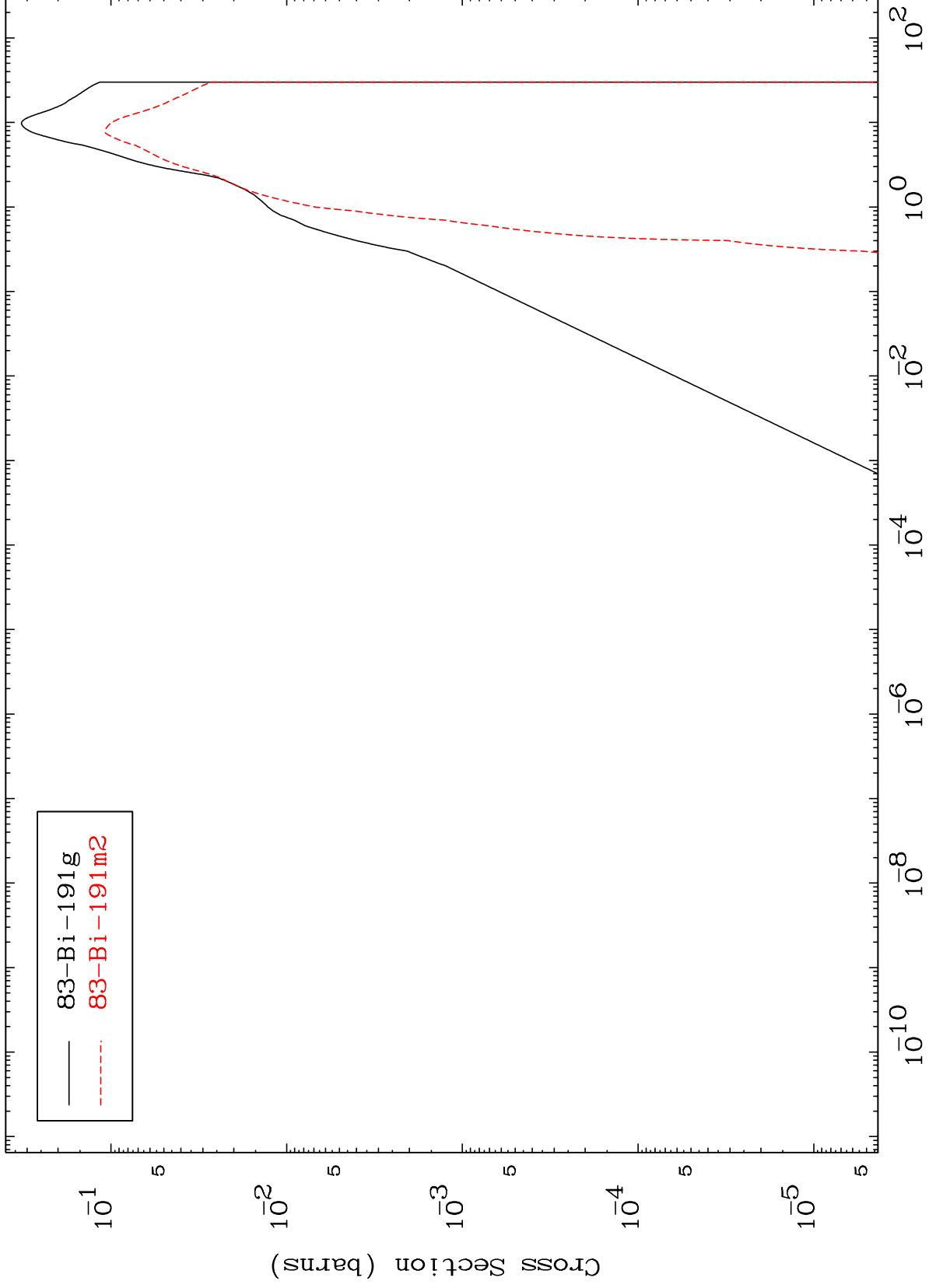
Incident Energy (MeV)

83-Bi-191

MAT 8271

Inelastic
Radionuclide Production Cross Section

83-Bi-191

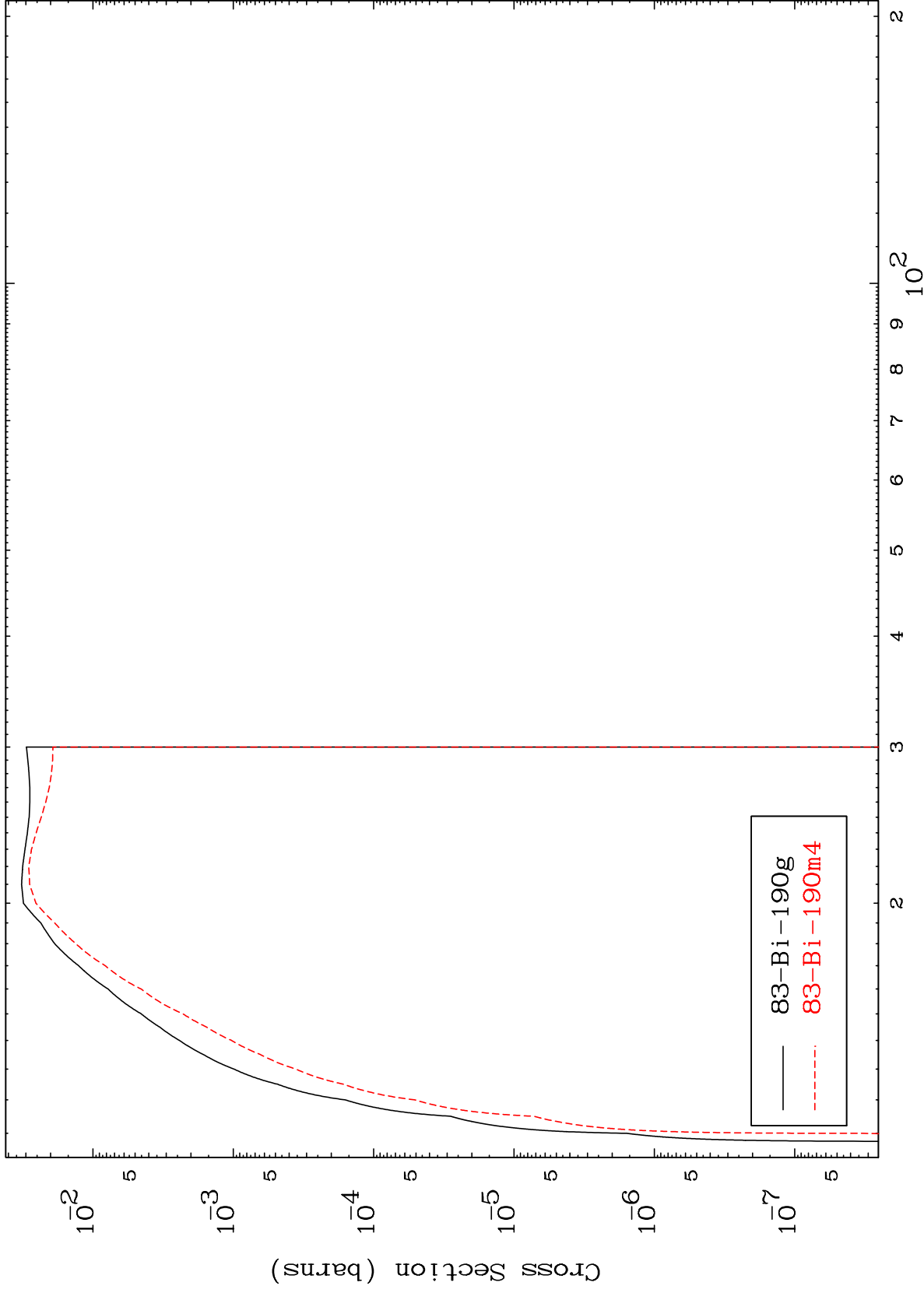


83-Bi-191

MAT 8271

83-Bi-191

Radionuclide Production Cross Section
(n,2n)



29

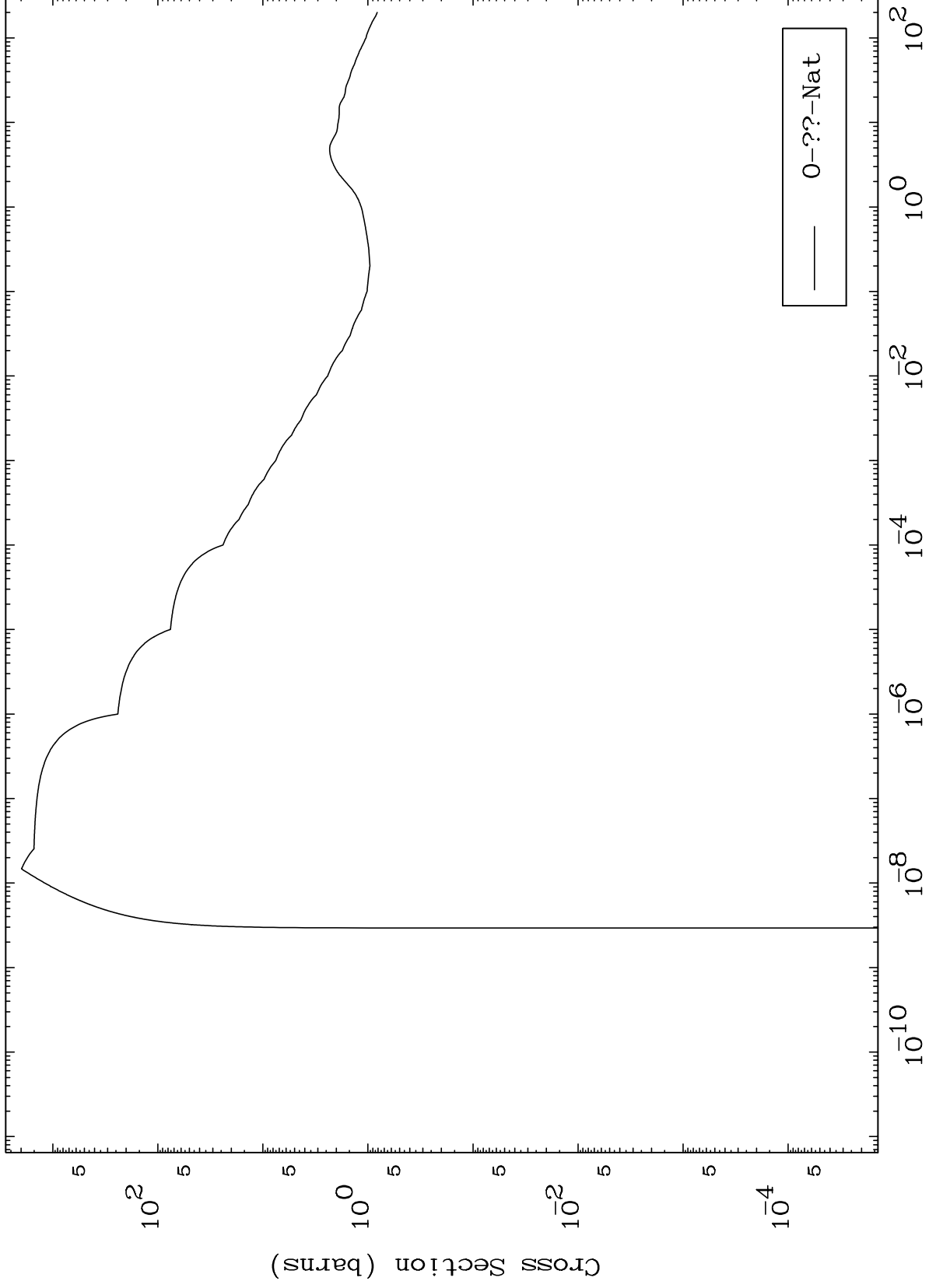
Incident Energy (MeV)

83-Bi-191

MAT 8271

83-Bi-191

Fission
Radionuclide Production Cross Section



30

83-Bi-191

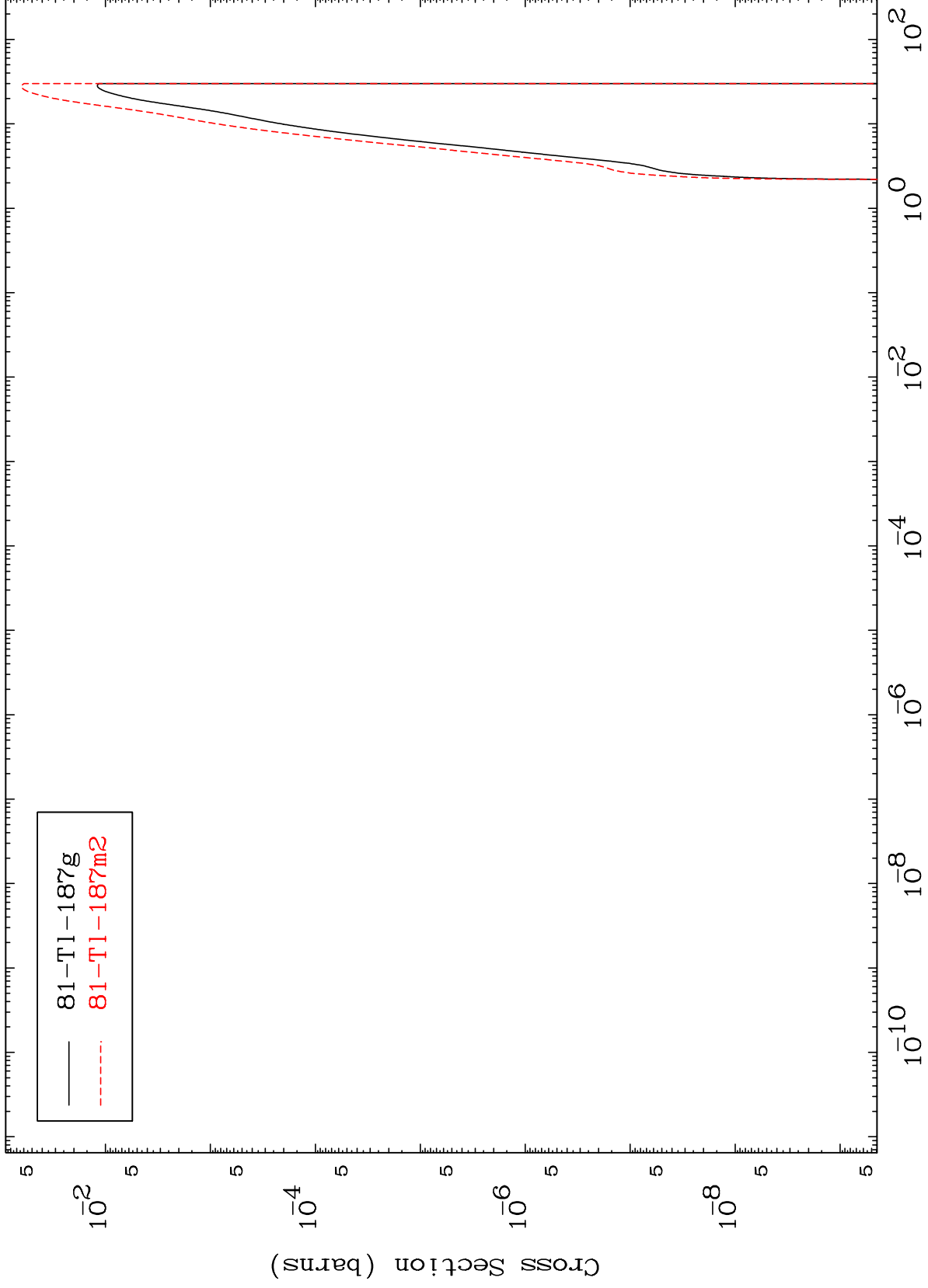
Incident Energy (MeV)

MAT 8271

(n, n') α

83-Bi-191

Radionuclide Production Cross Section

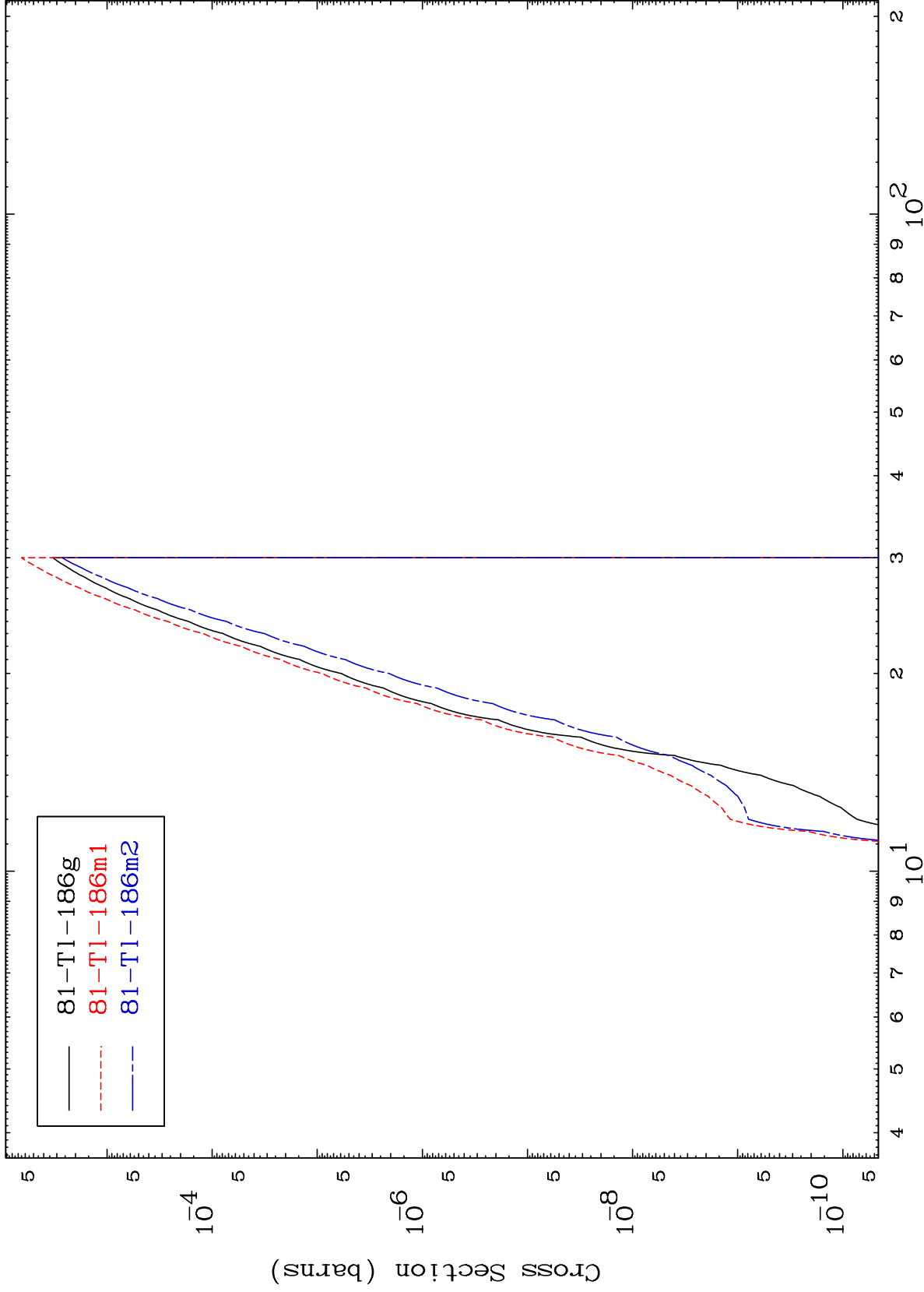


MAT 8271

$(n,2n) \alpha$

83-Bi-191

Radionuclide Production Cross Section



32

Incident Energy (MeV)

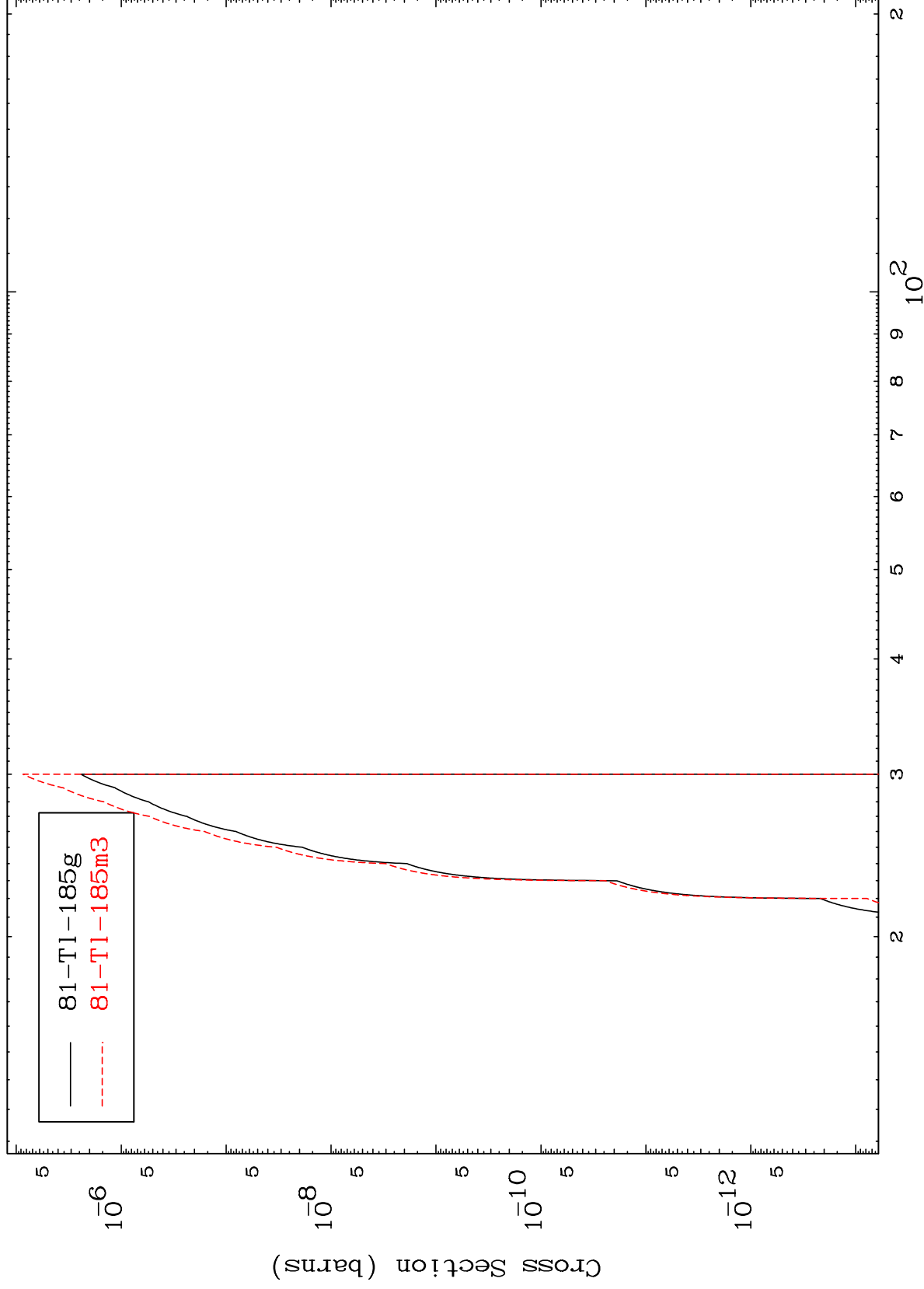
83-Bi-191

MAT 8271

$(n,3n) \alpha$

83-Bi-191

Radionuclide Production Cross Section



33

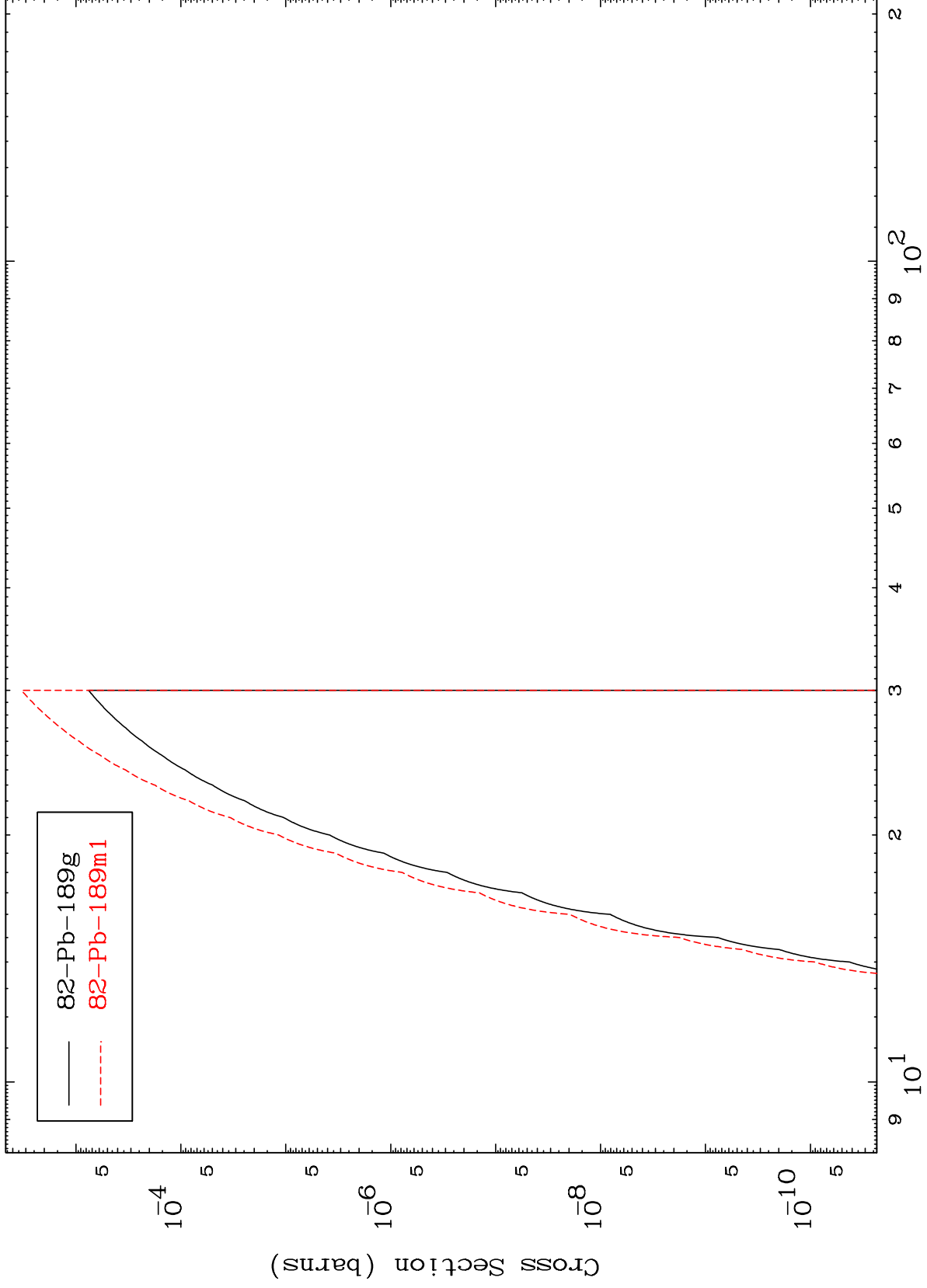
Incident Energy (MeV)

83-Bi-191

MAT 8271

83-Bi-191

(n,n') d
Radionuclide Production Cross Section

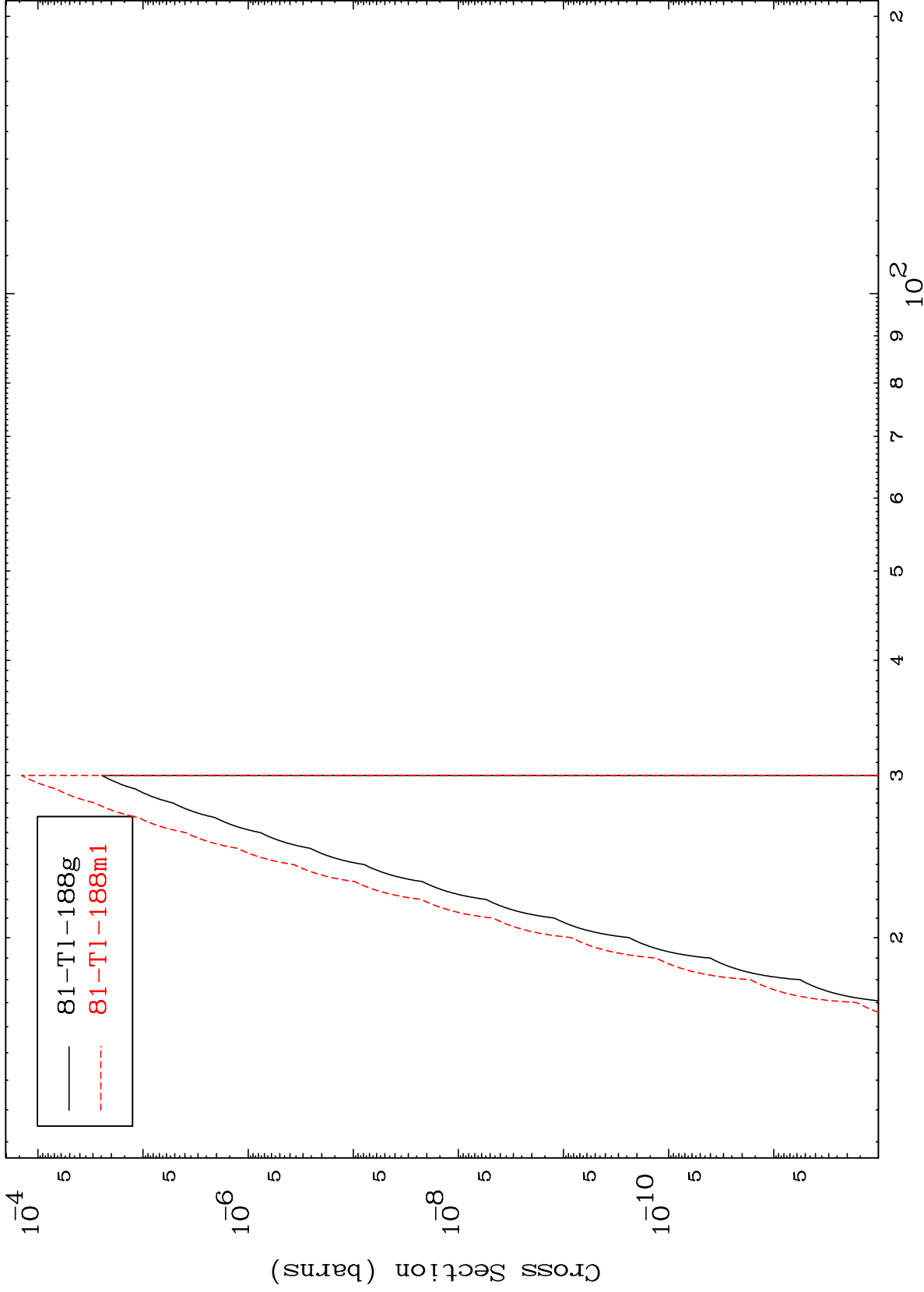


34

Incident Energy (MeV)

83-Bi-191

Radionuclide Production Cross Section

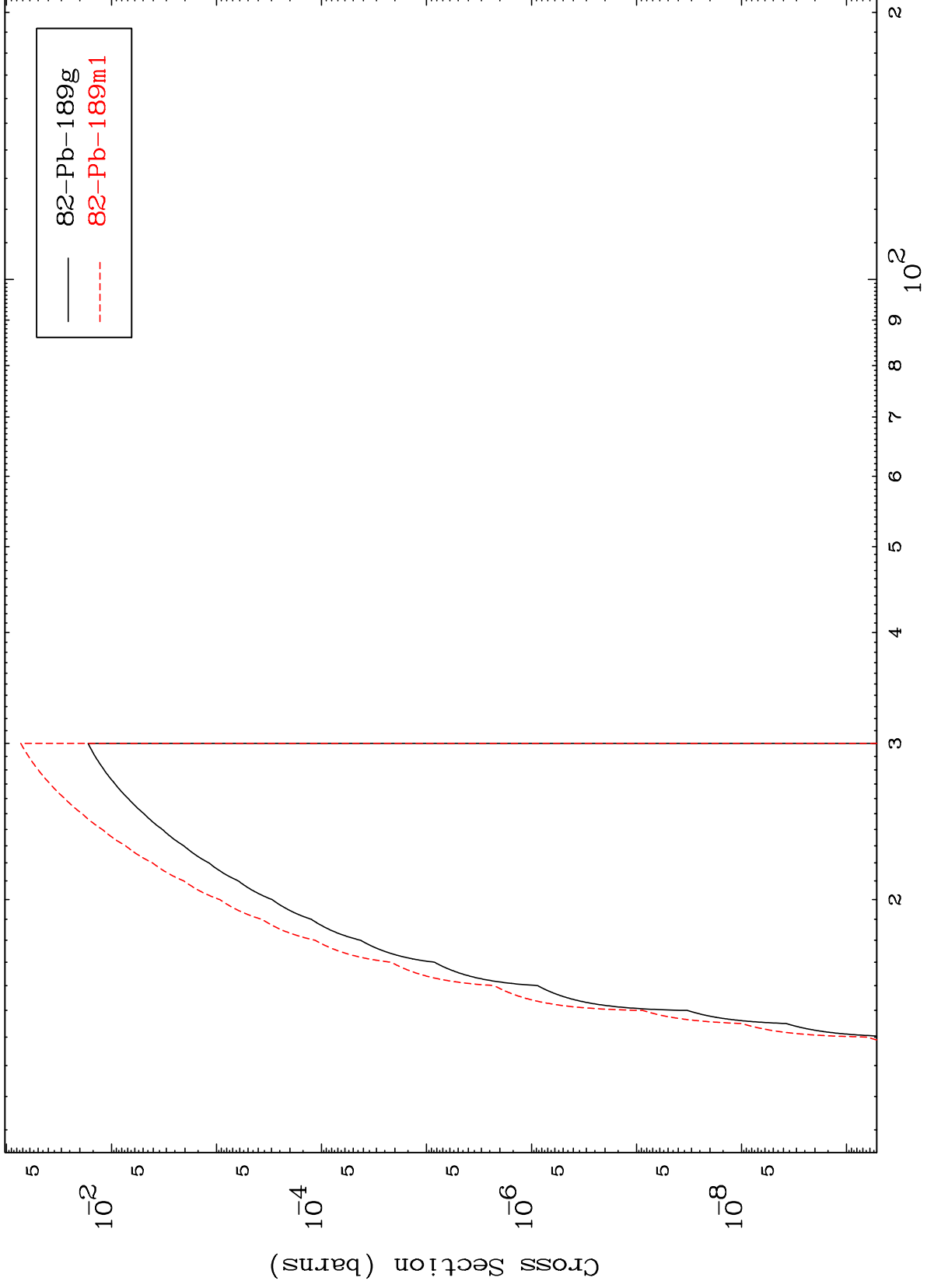


MAT 8271

(n,2n) p

83-Bi-191

Radionuclide Production Cross Section



36

Incident Energy (MeV)

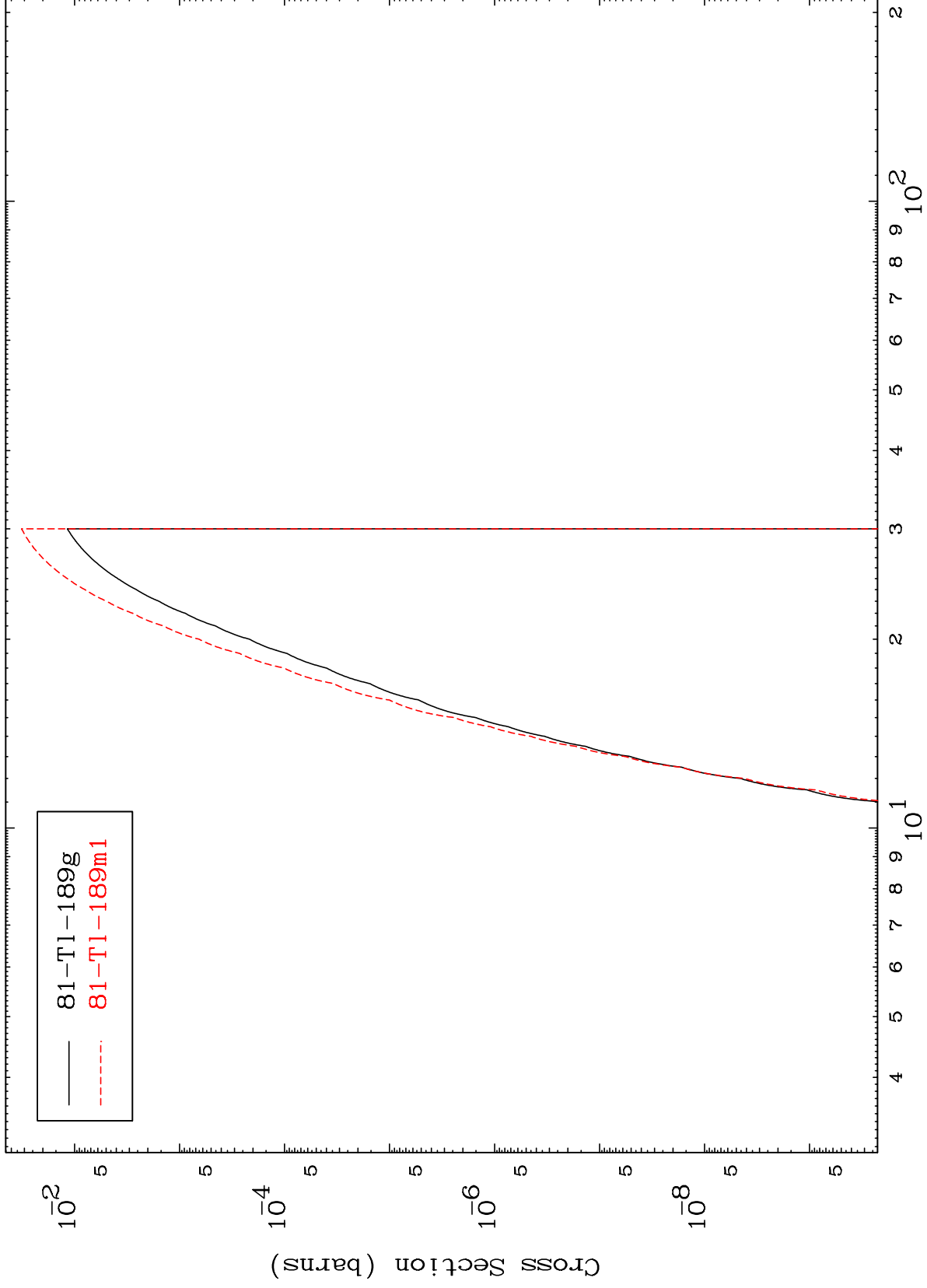
83-Bi-191

MAT 8271

(n,2n) p

83-Bi-191

Radionuclide Production Cross Section



37

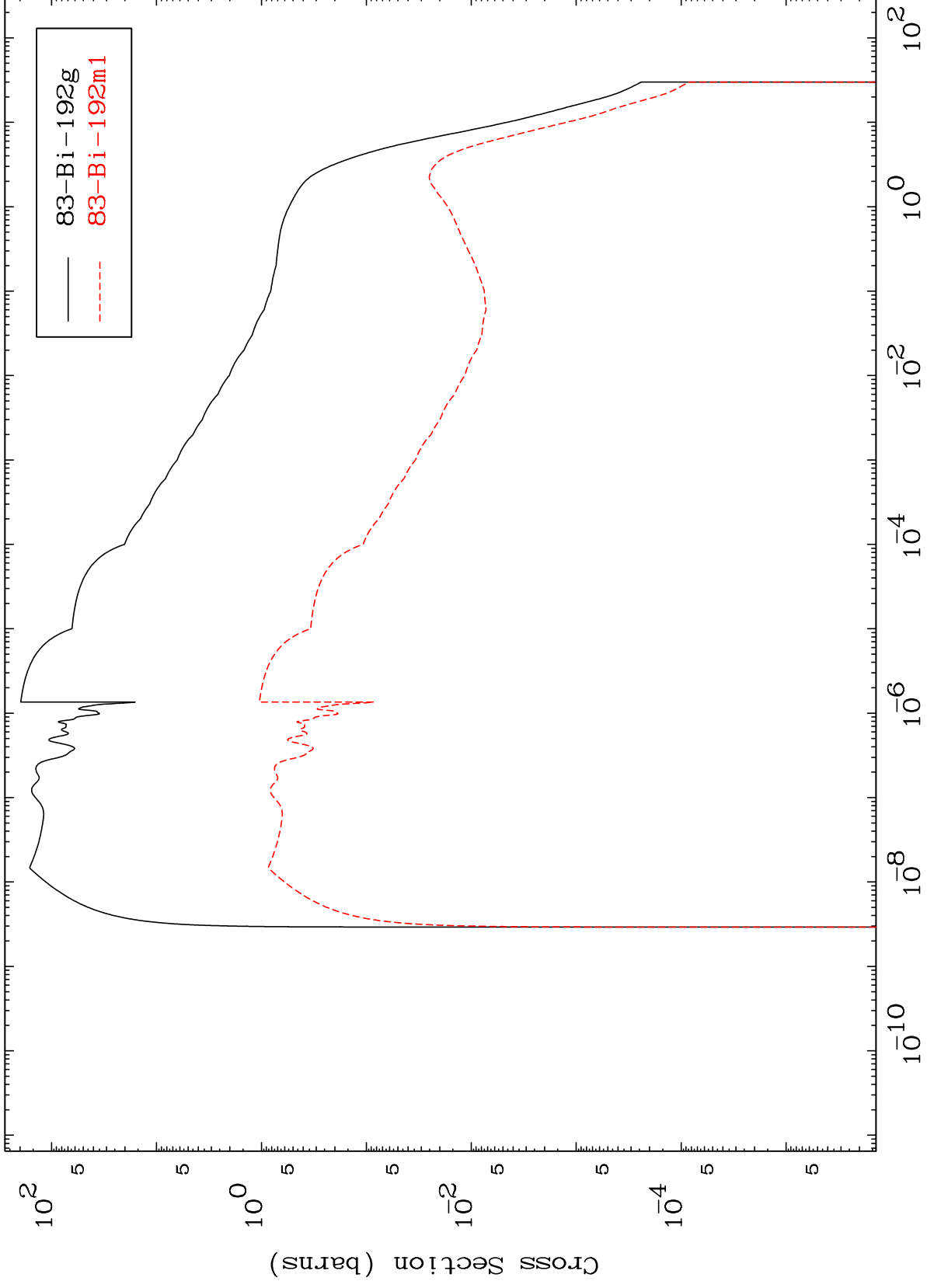
Incident Energy (MeV)

83-Bi-191

MAT 8271

83-Bi-191

(n, γ)
Radionuclide Production Cross Section



38

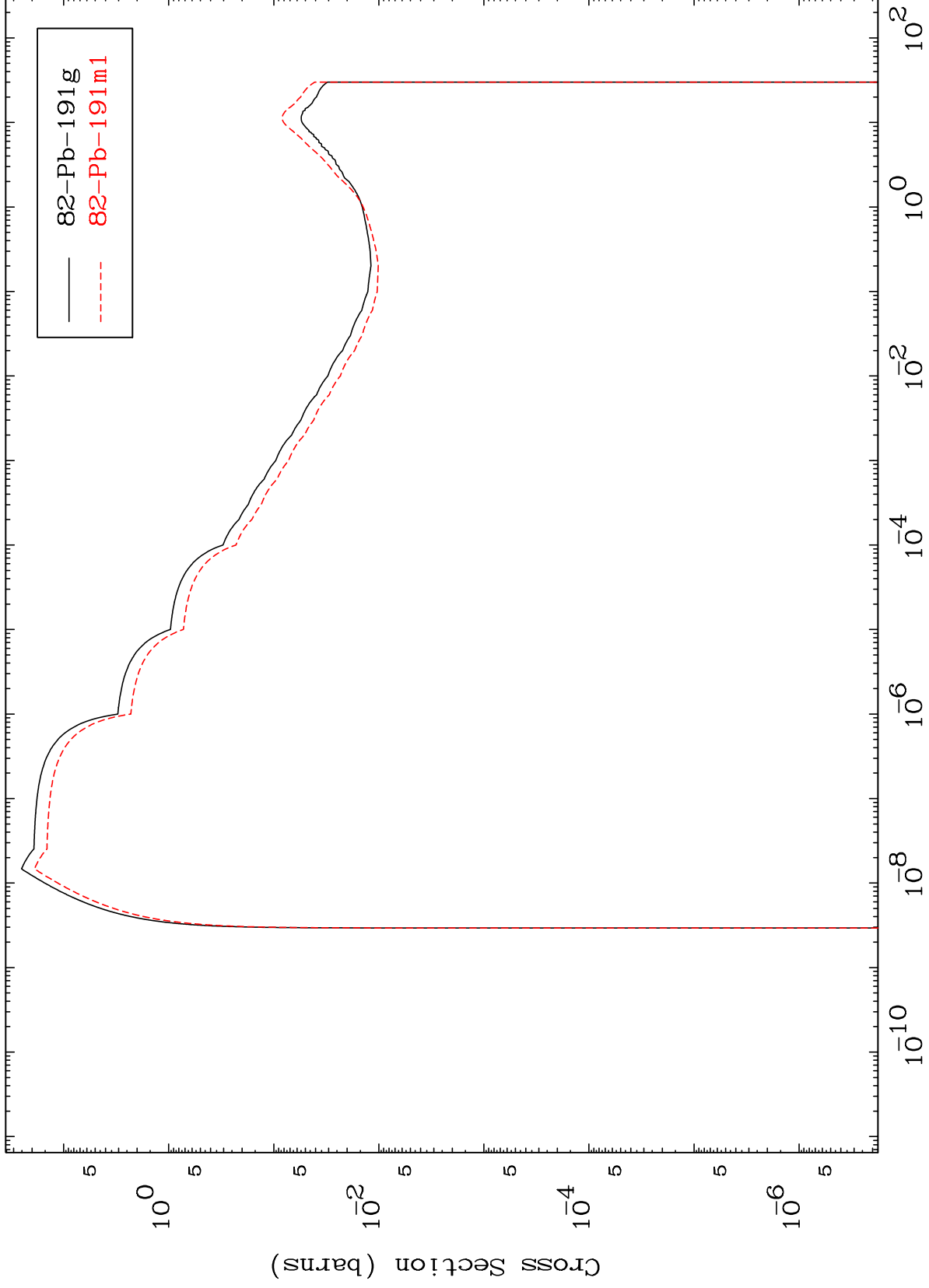
83-Bi-191

Incident Energy (MeV)

MAT 8271

83-Bi-191

(n,p)
Radionuclide Production Cross Section



39

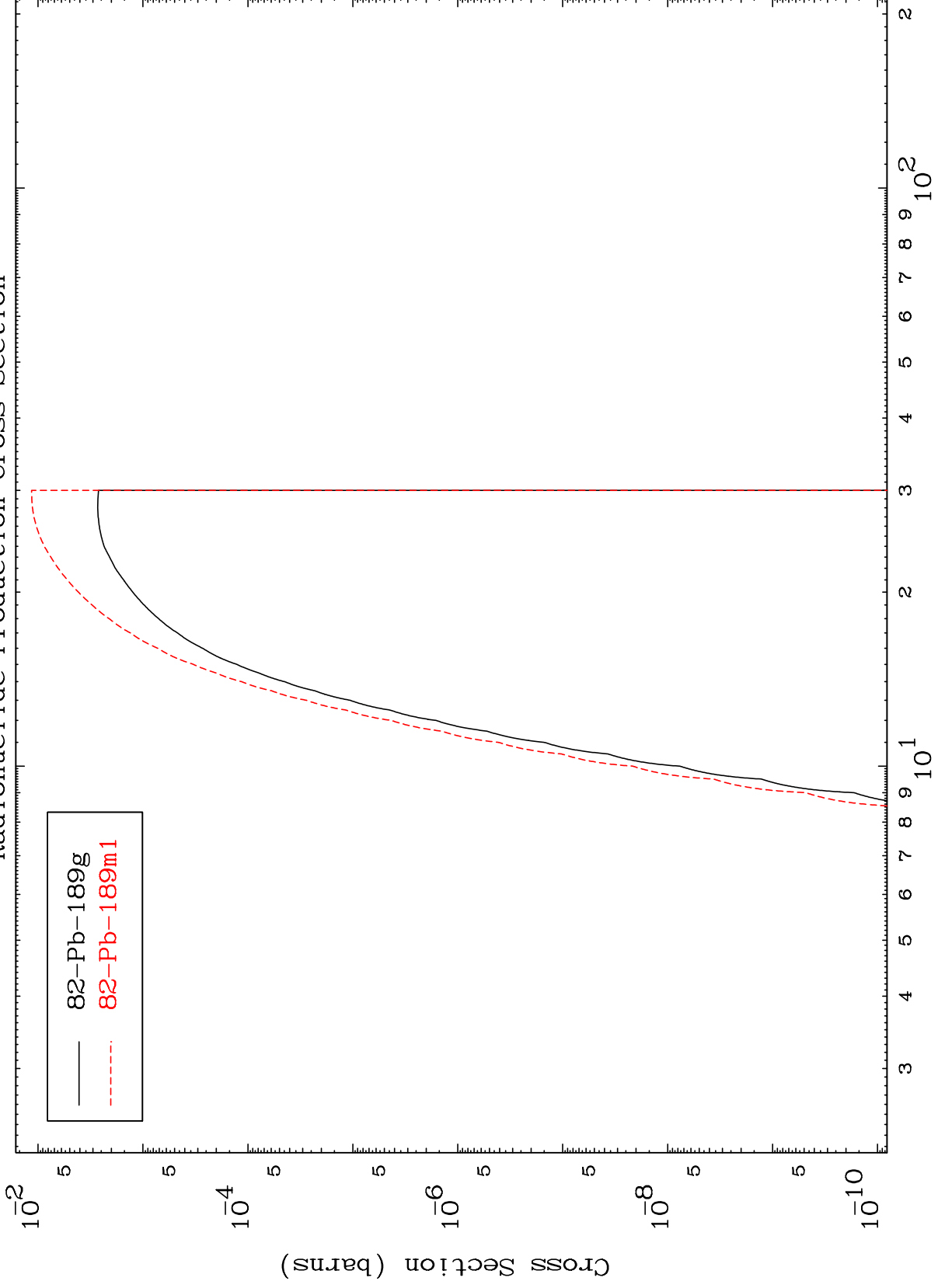
83-Bi-191

Incident Energy (MeV)

MAT 8271

83-Bi-191

(n, t)
Radionuclide Production Cross Section



40

Incident Energy (MeV)

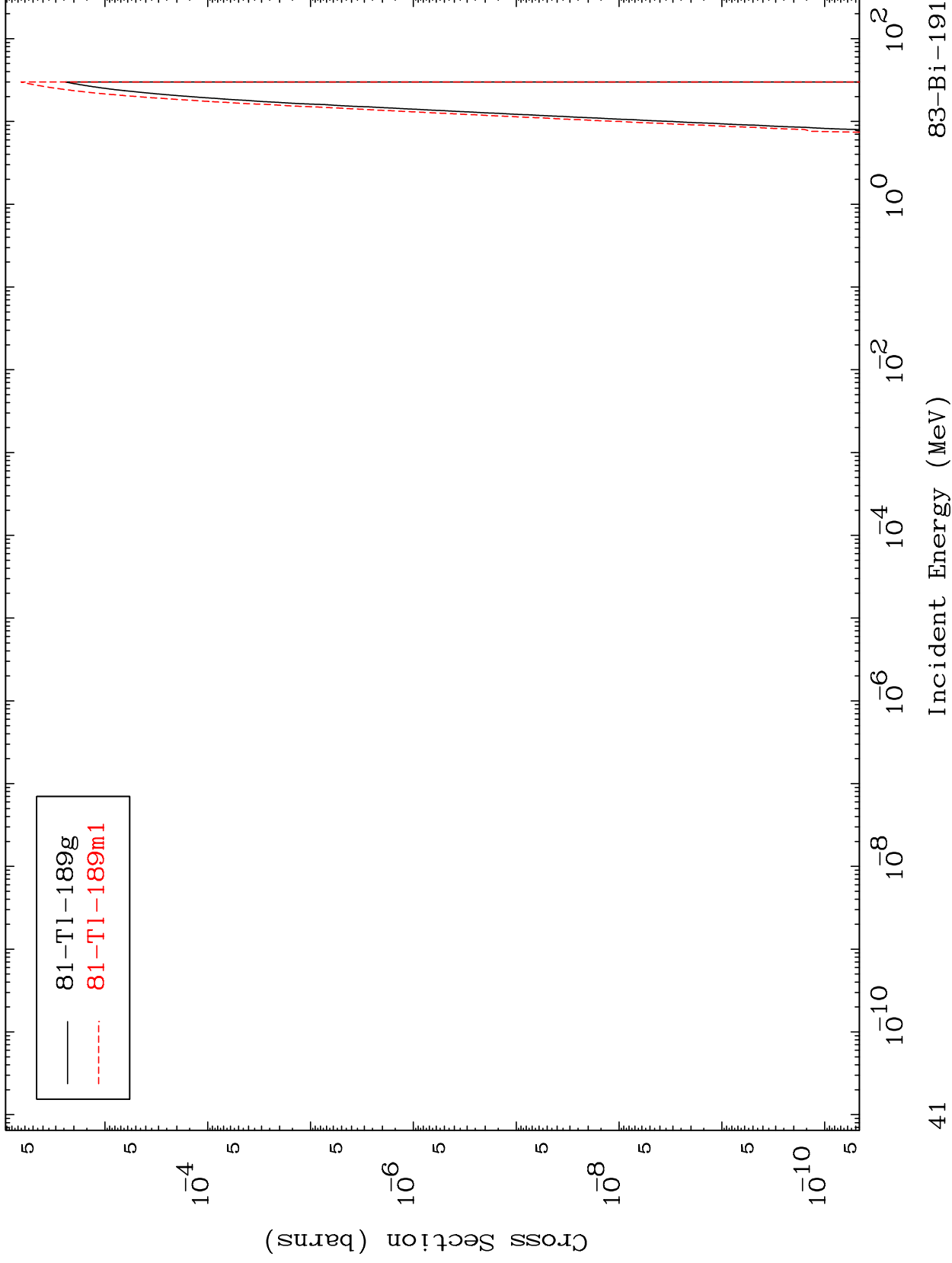
83-Bi-191

MAT 8271

(n,He-3)

83-Bi-191

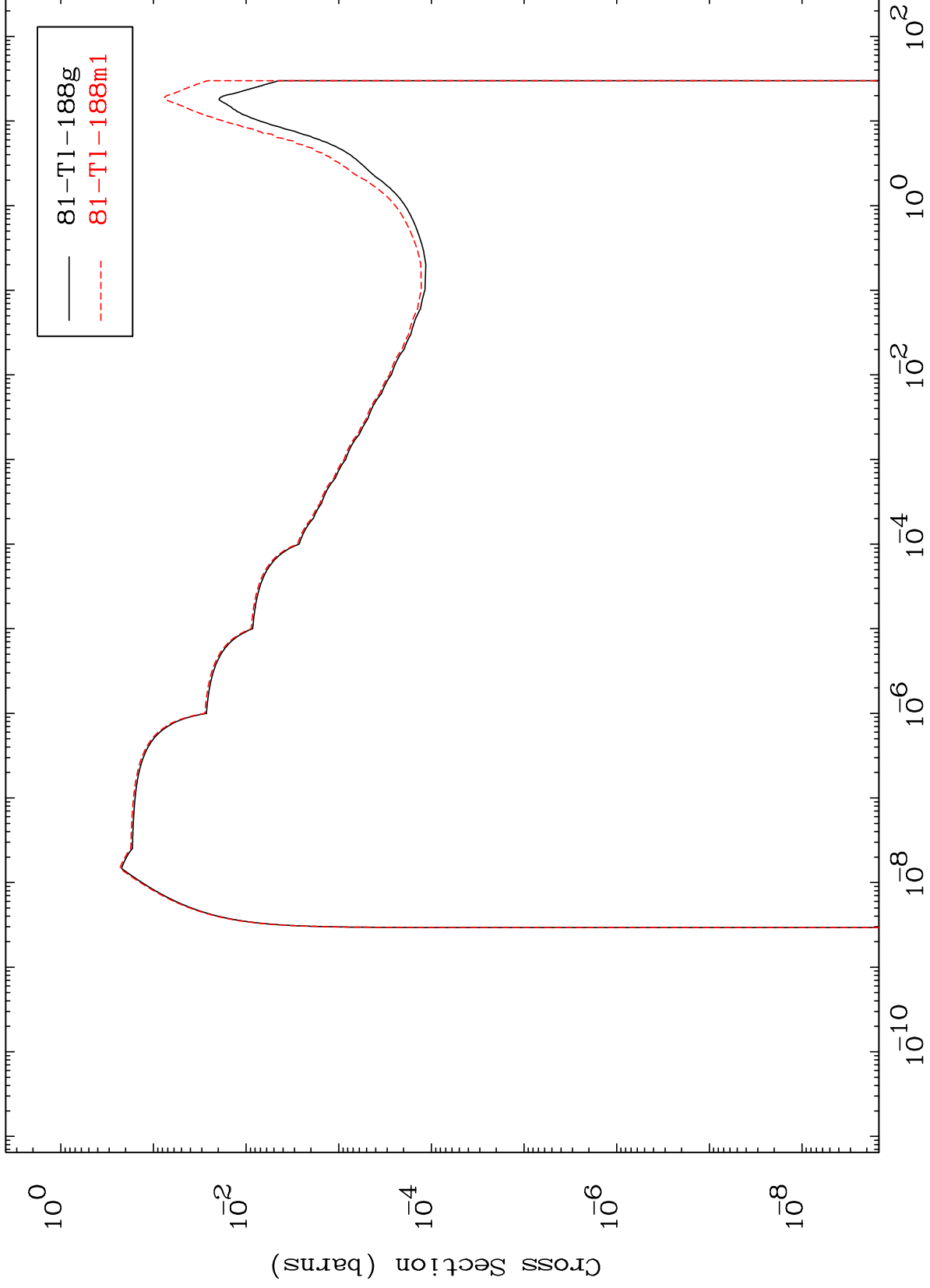
Radionuclide Production Cross Section



MAT 8271

83-Bi-191

(n, α)
Radionuclide Production Cross Section



42

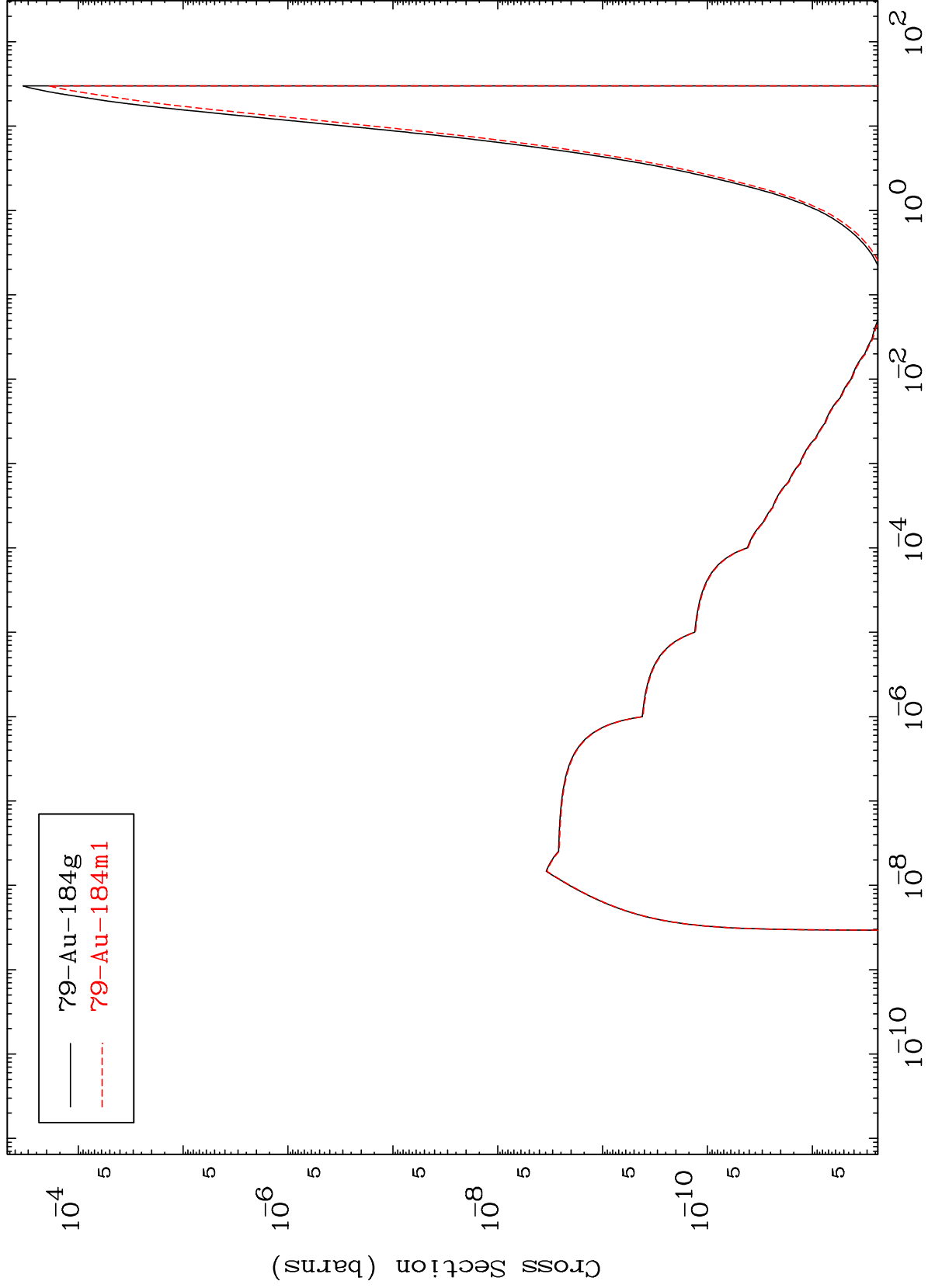
83-Bi-191

MAT 8271

(n,2α)

83-Bi-191

Radionuclide Production Cross Section



43

Incident Energy (MeV)

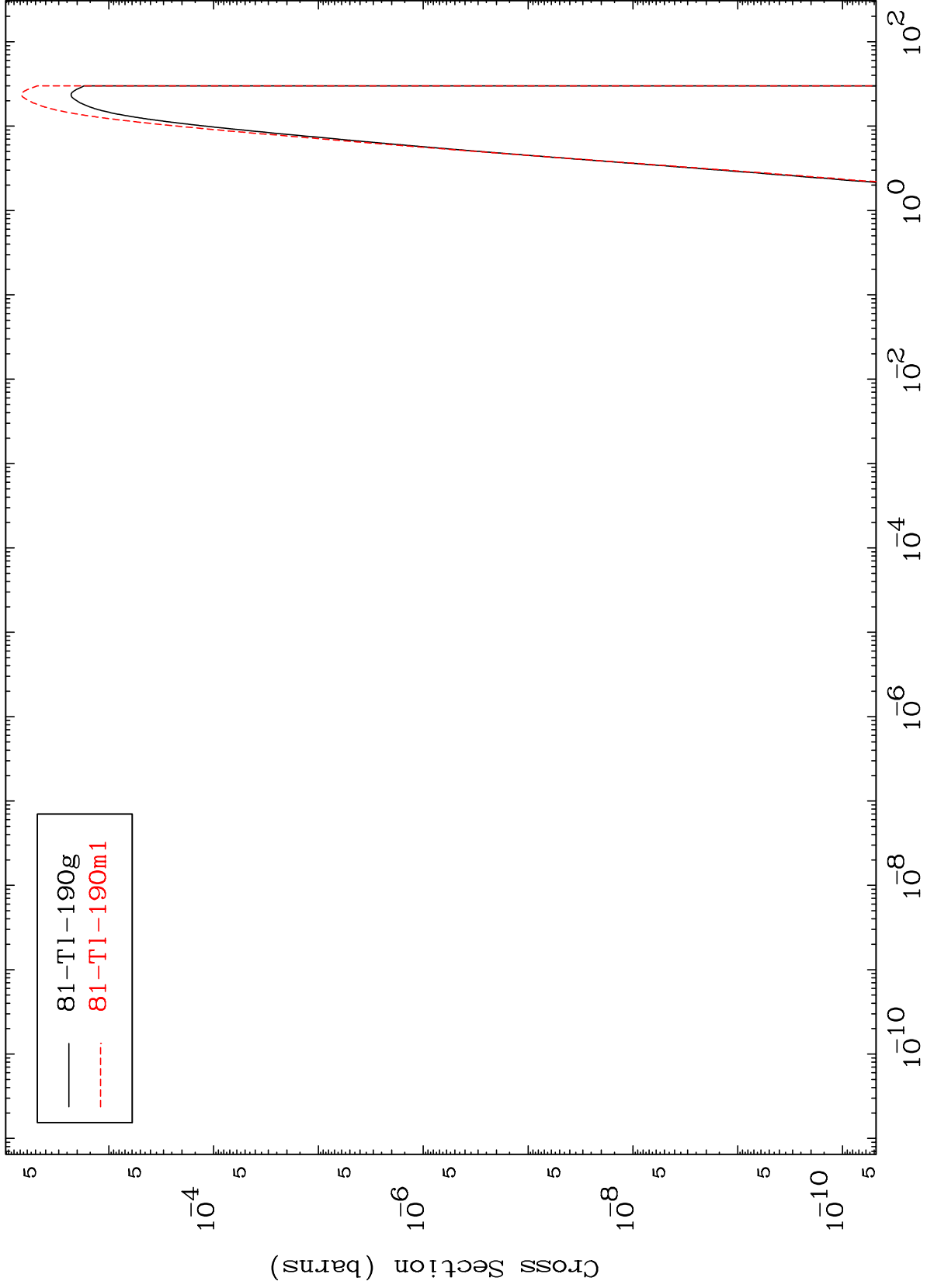
83-Bi-191

MAT 8271

(n,2p)

83-Bi-191

Radionuclide Production Cross Section



44

Incident Energy (MeV)

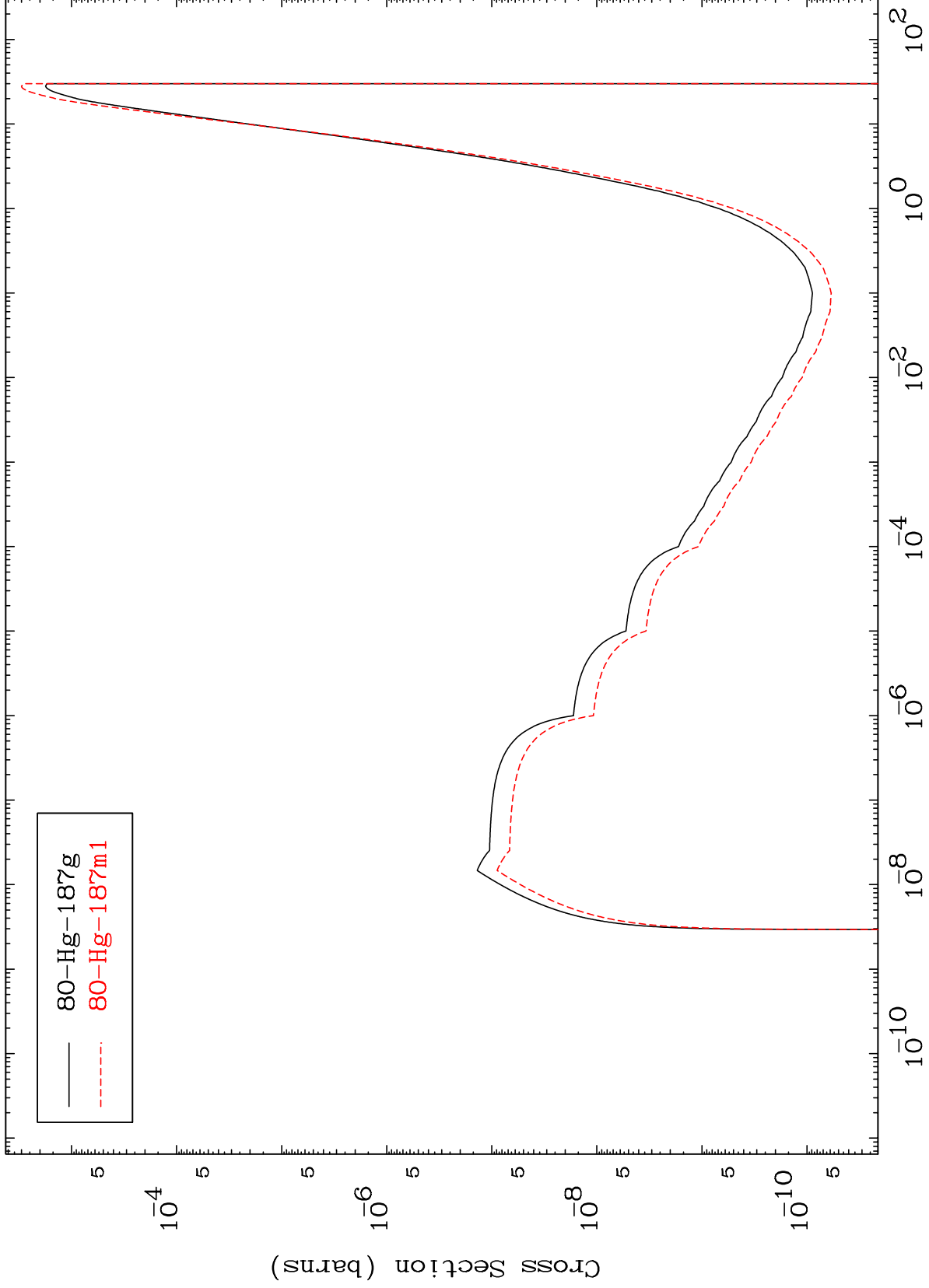
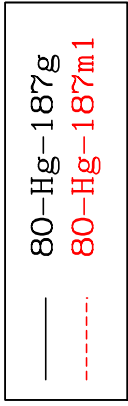
83-Bi-191

MAT 8271

(n,p) α

83-Bi-191

Radionuclide Production Cross Section



45

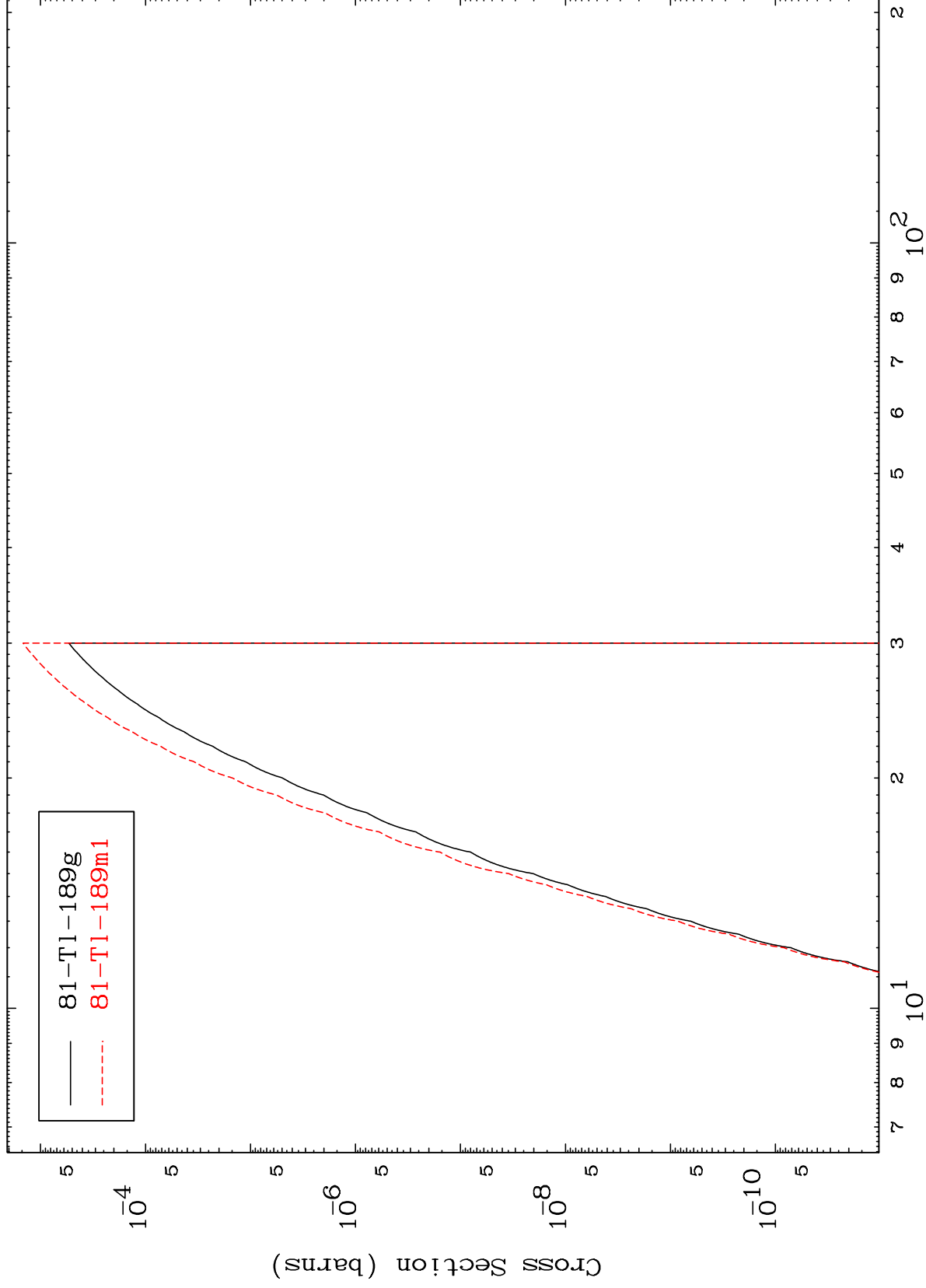
83-Bi-191

MAT 8271

(n,p) d

83-Bi-191

Radionuclide Production Cross Section



46

Incident Energy (MeV)

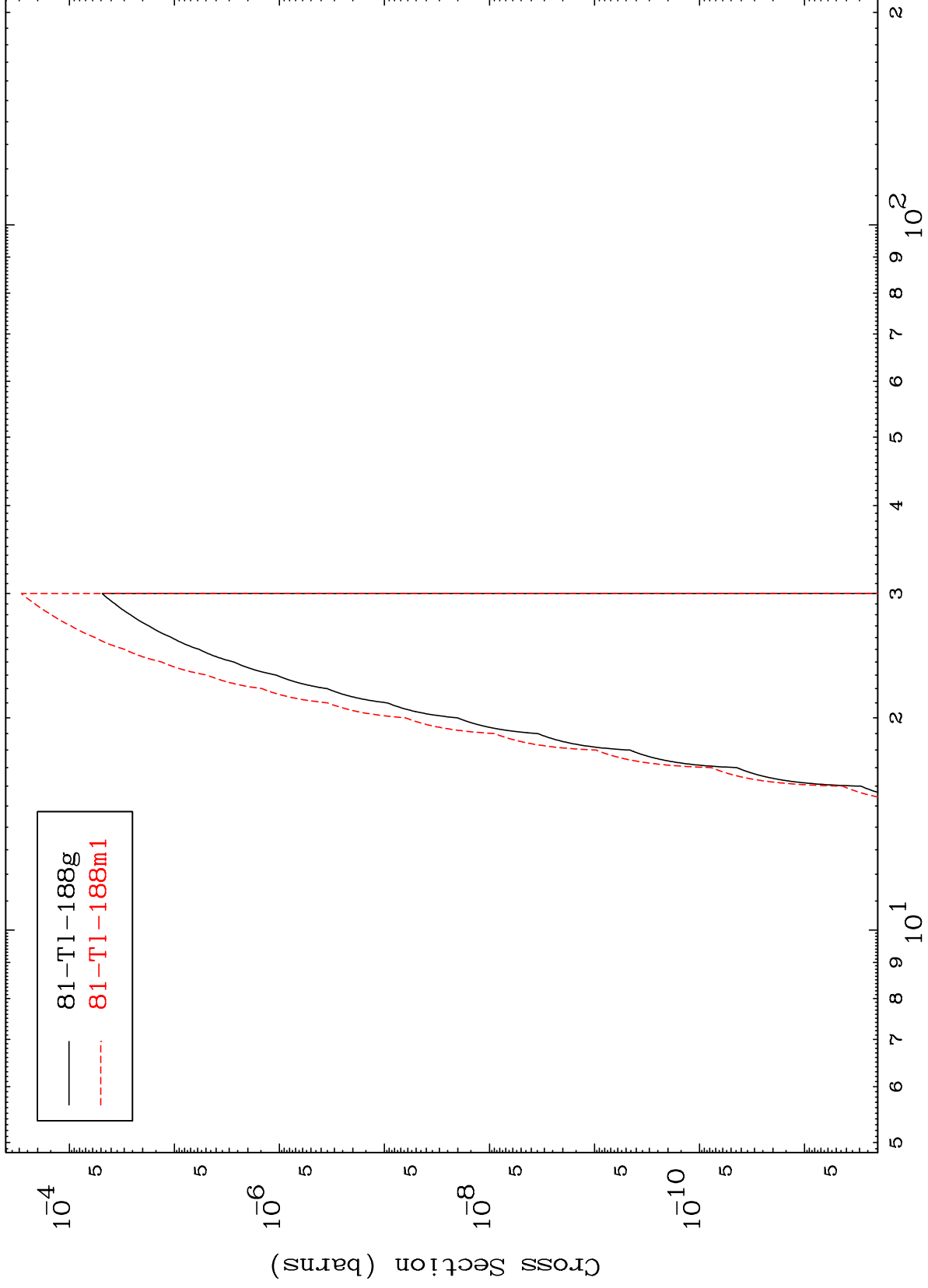
83-Bi-191

MAT 8271

(n,p) t

83-Bi-191

Radionuclide Production Cross Section



47

Incident Energy (MeV)

83-Bi-191