

Program EVALPLOT
(Version 2018-1)

by

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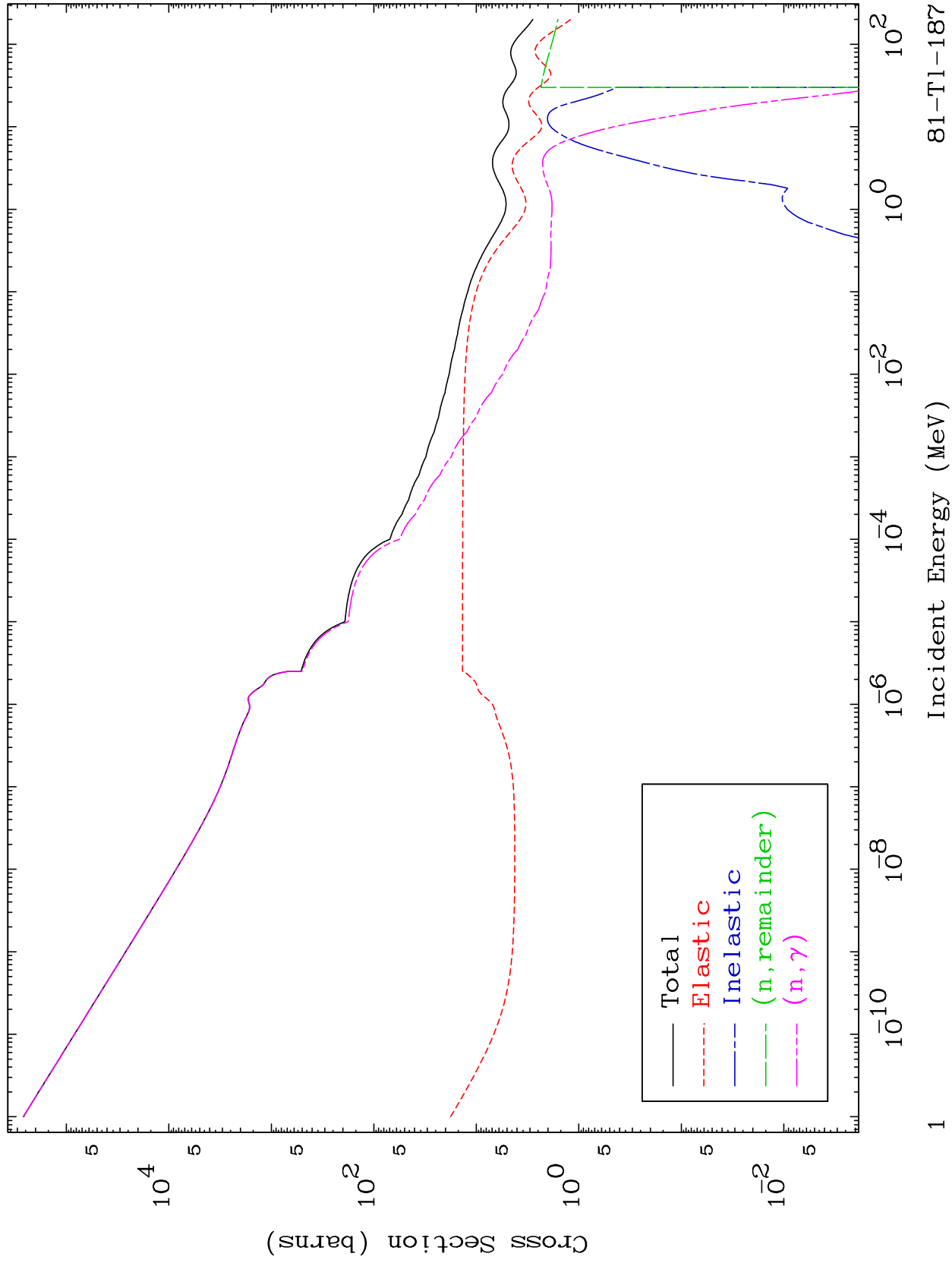
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 8078

Major
293 Kelvin Cross Sections

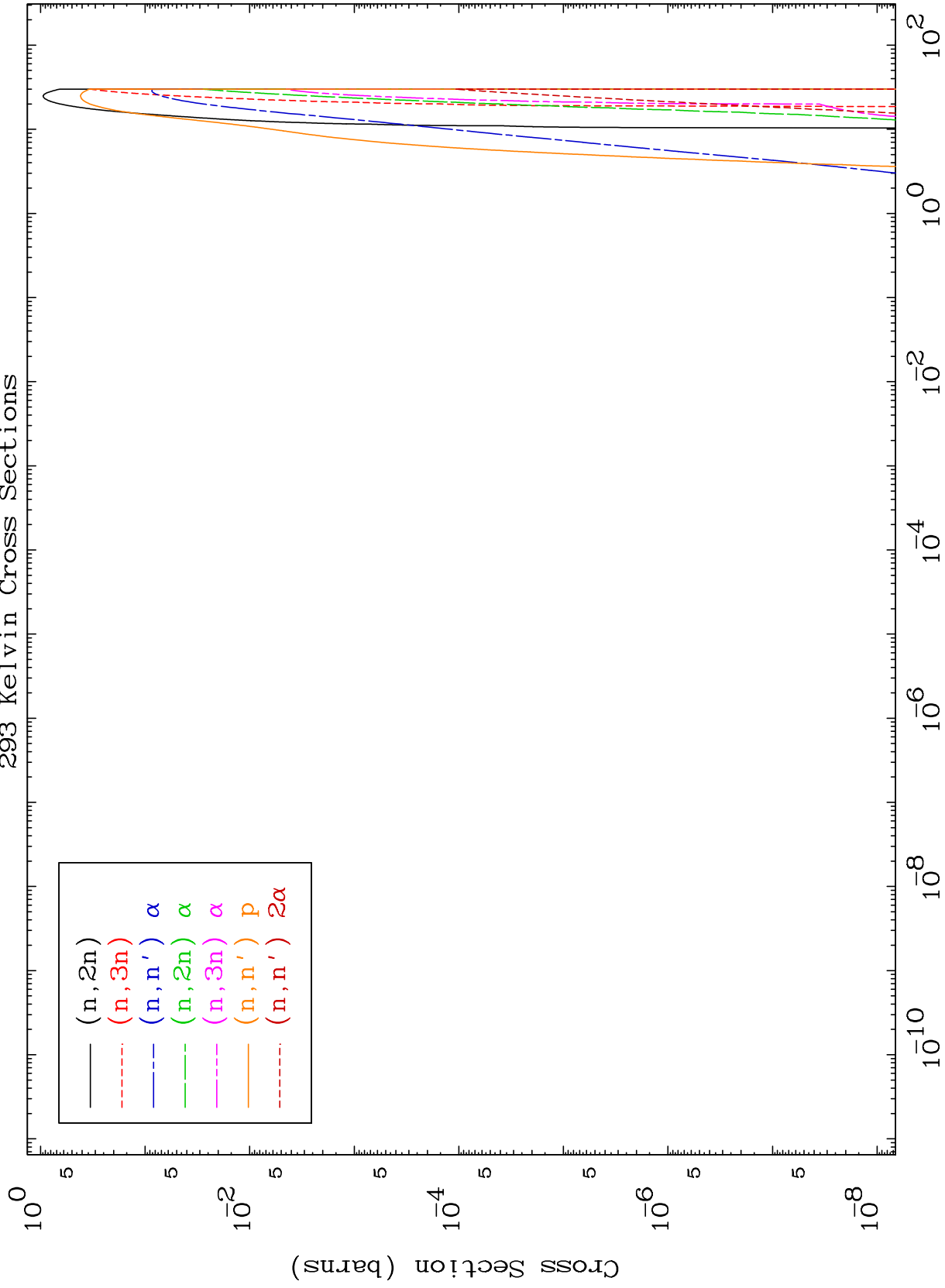
81-Tl-187



MAT 8078

Neutron Production
293 Kelvin Cross Sections

81-Tl-187



2

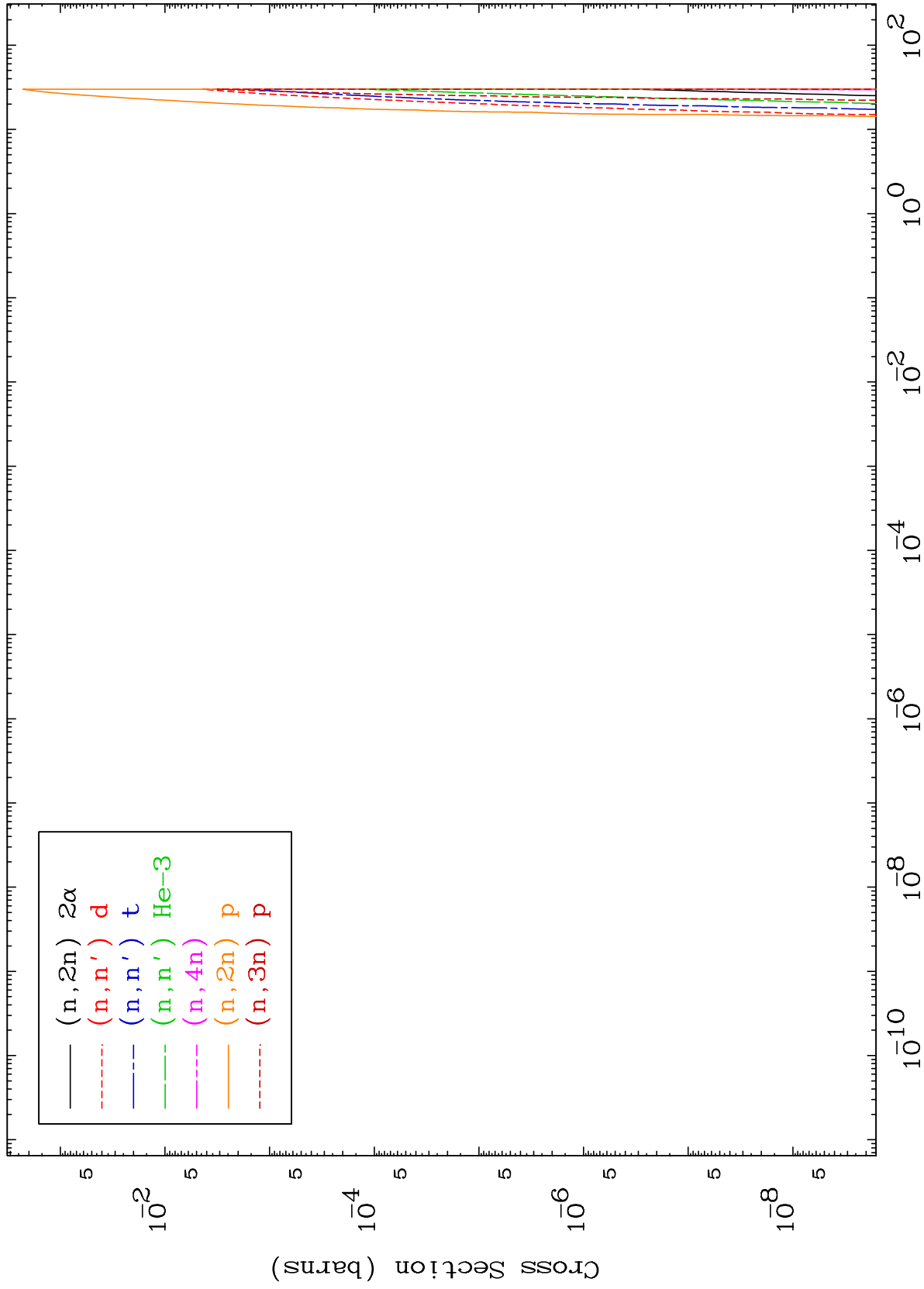
Incident Energy (MeV)

81-Tl-187

MAT 8078

Neutron Production
293 Kelvin Cross Sections

81-Tl-187



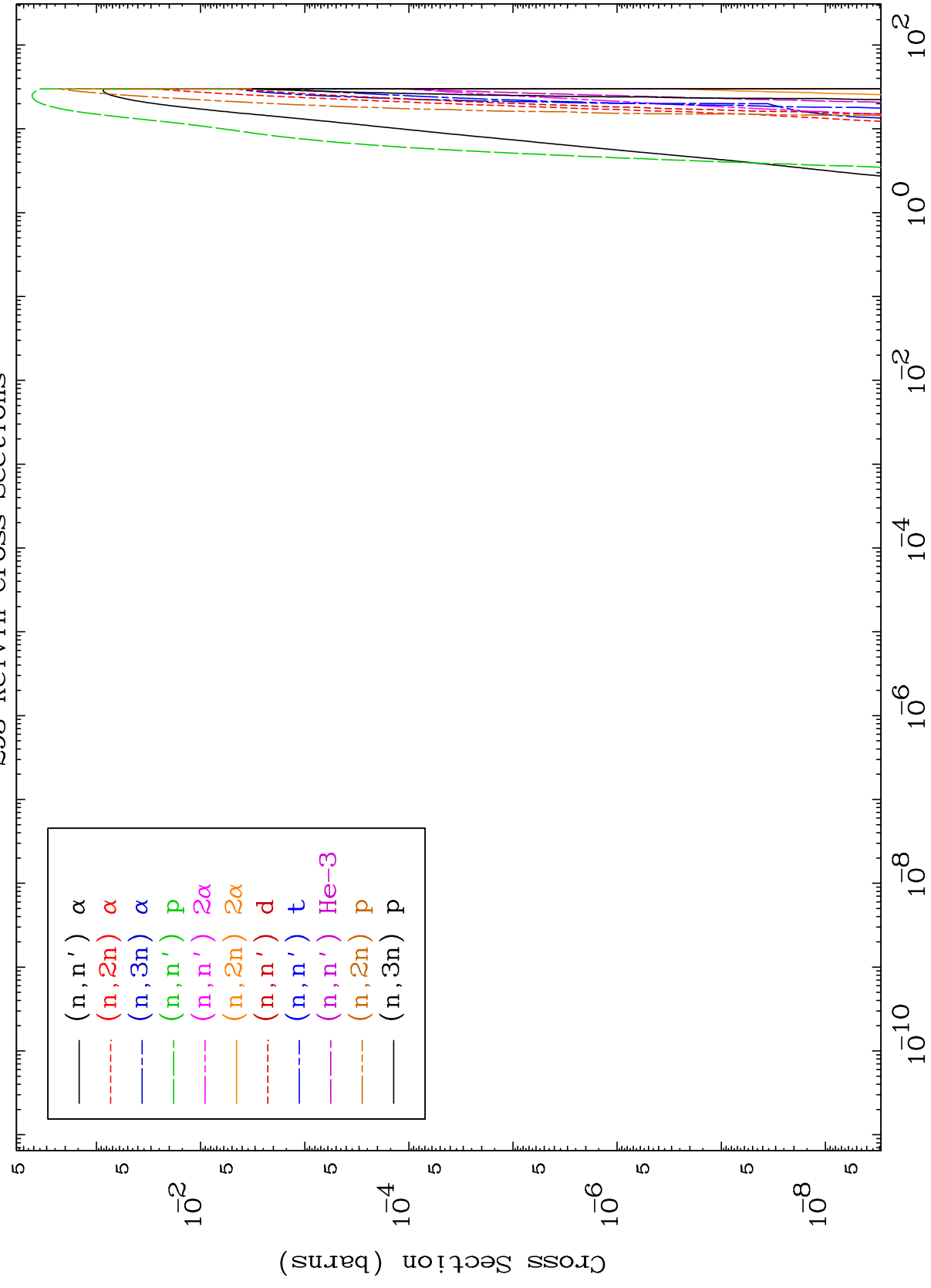
3

81-Tl-187

MAT 8078

293 Kelvin Cross Sections

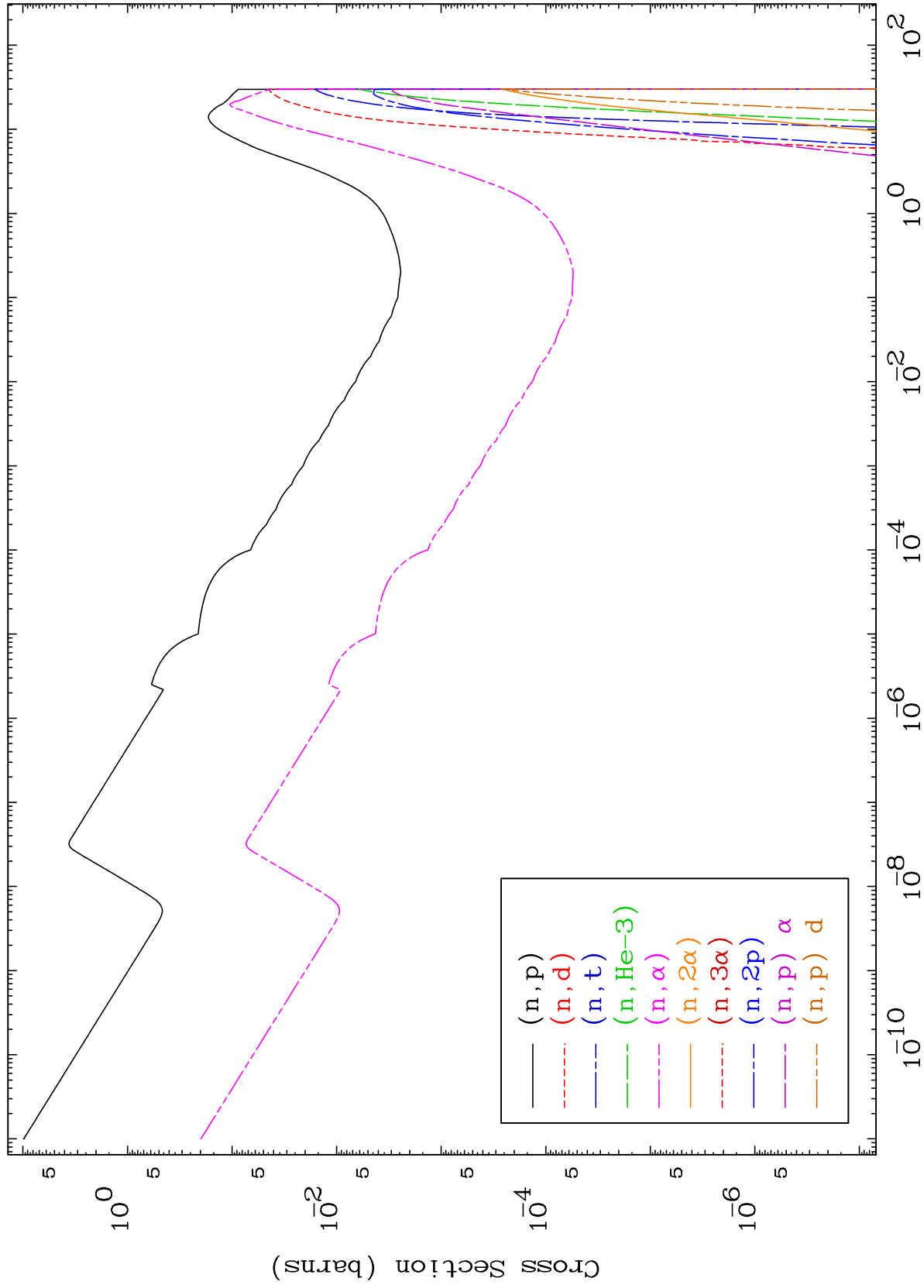
81-Tl-187



MAT 8078

293 Kelvin Cross Sections

81-Tl-187



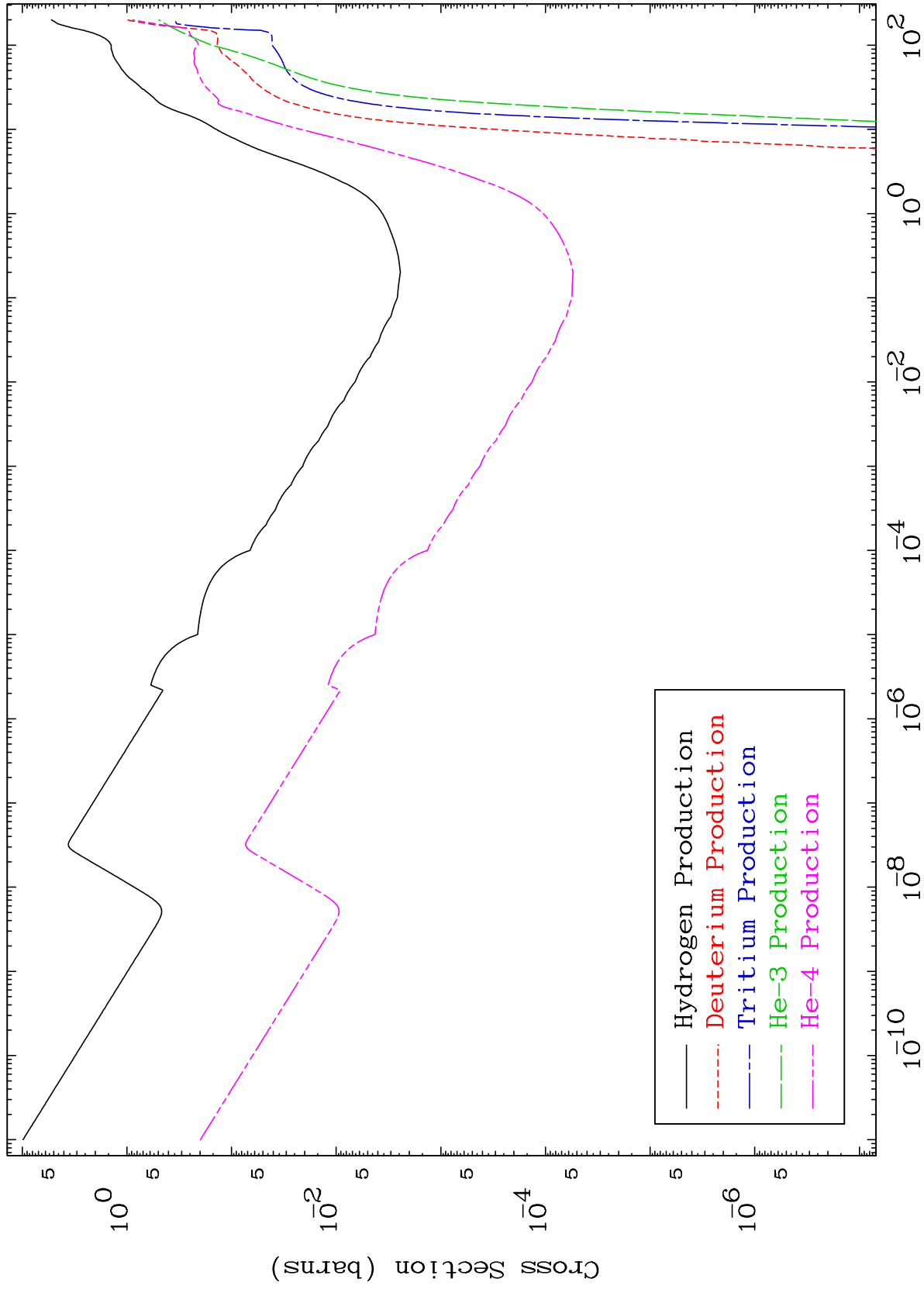
5

81-Tl-187

MAT 8078

Particle Production
293 Kelvin Cross Sections

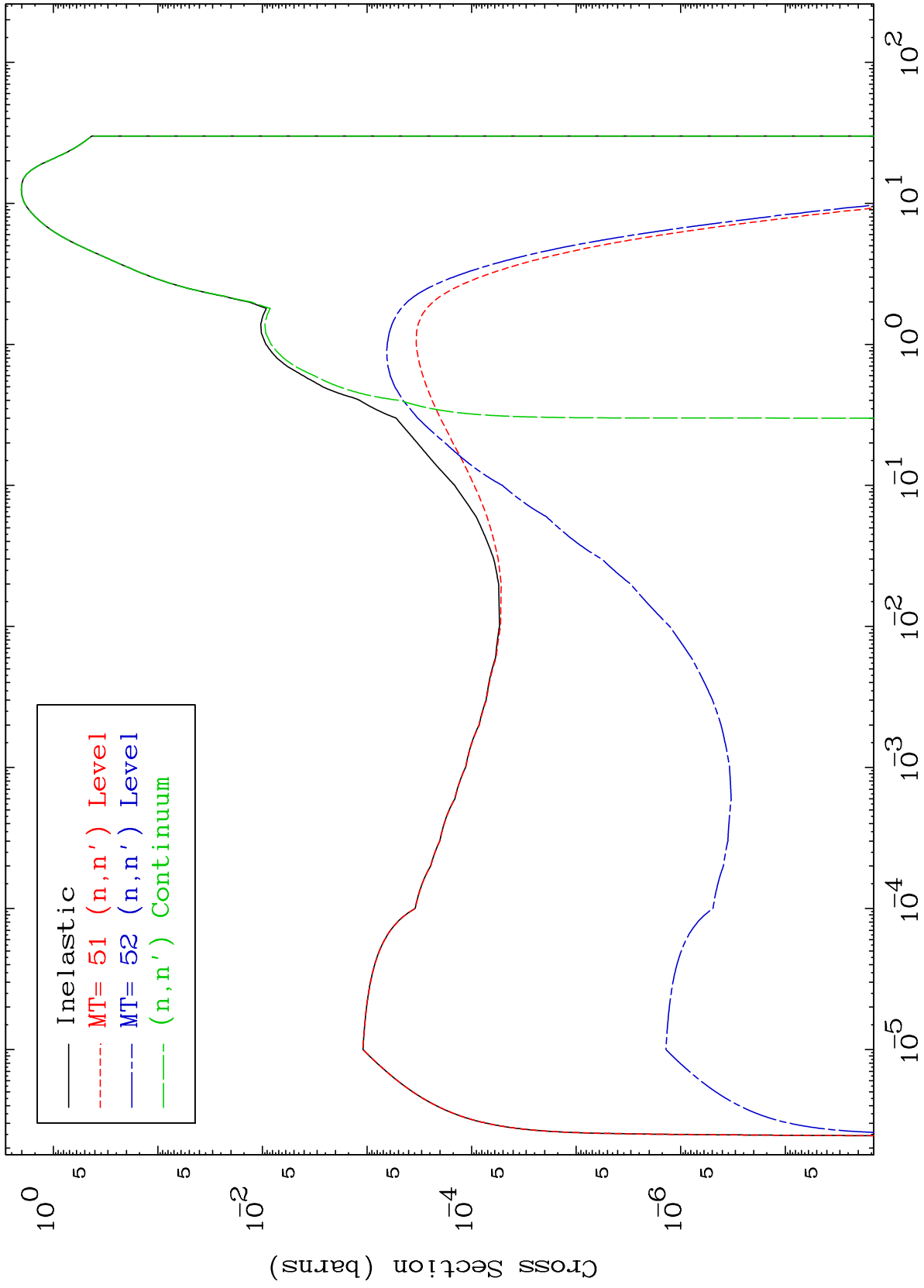
81-T1-187



MAT 8078

293 Kelvin Cross Sections
(n,n') Level

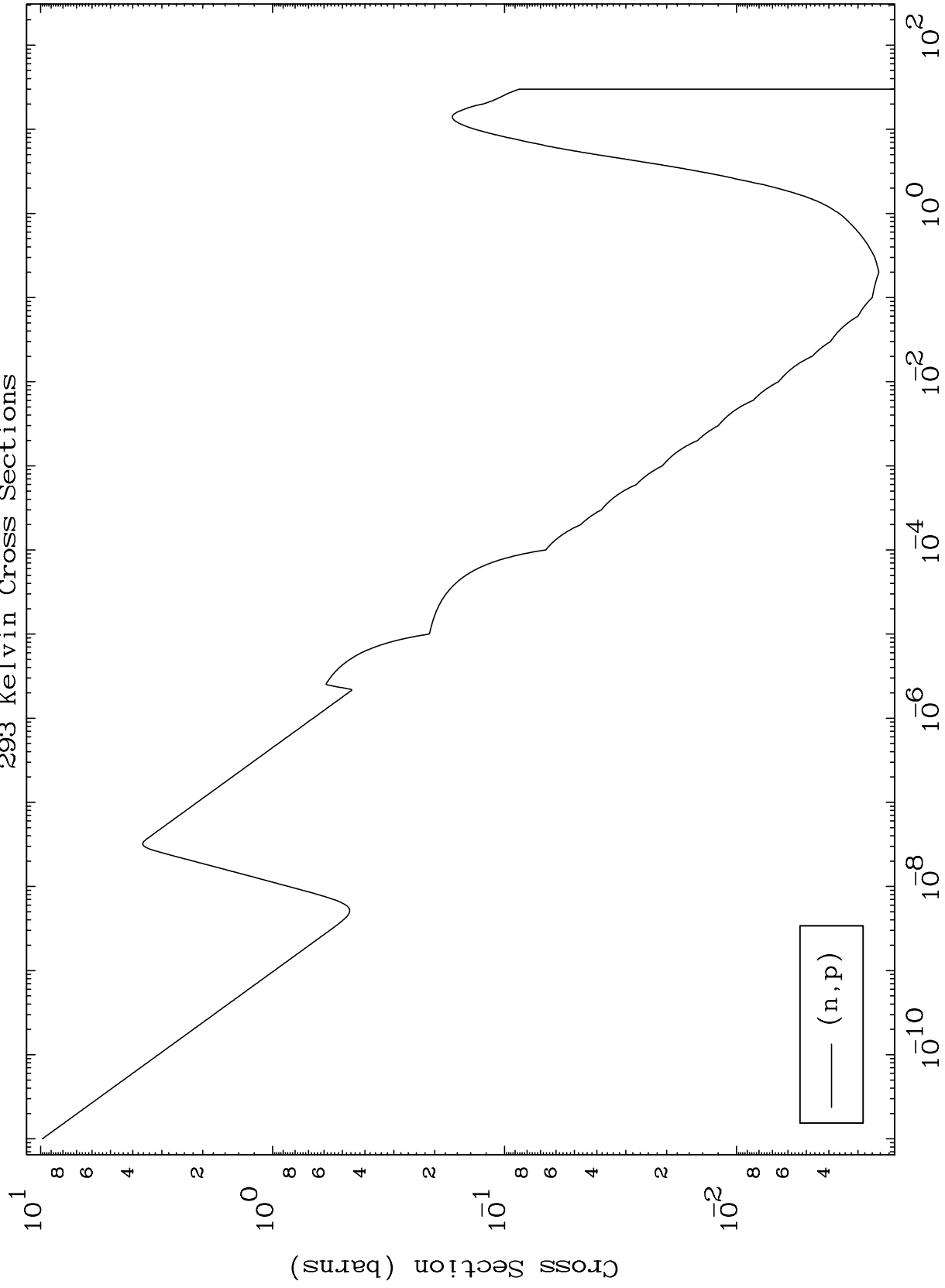
81-Tl-187



MAT 8078

(n,p) Levels
293 Kelvin Cross Sections

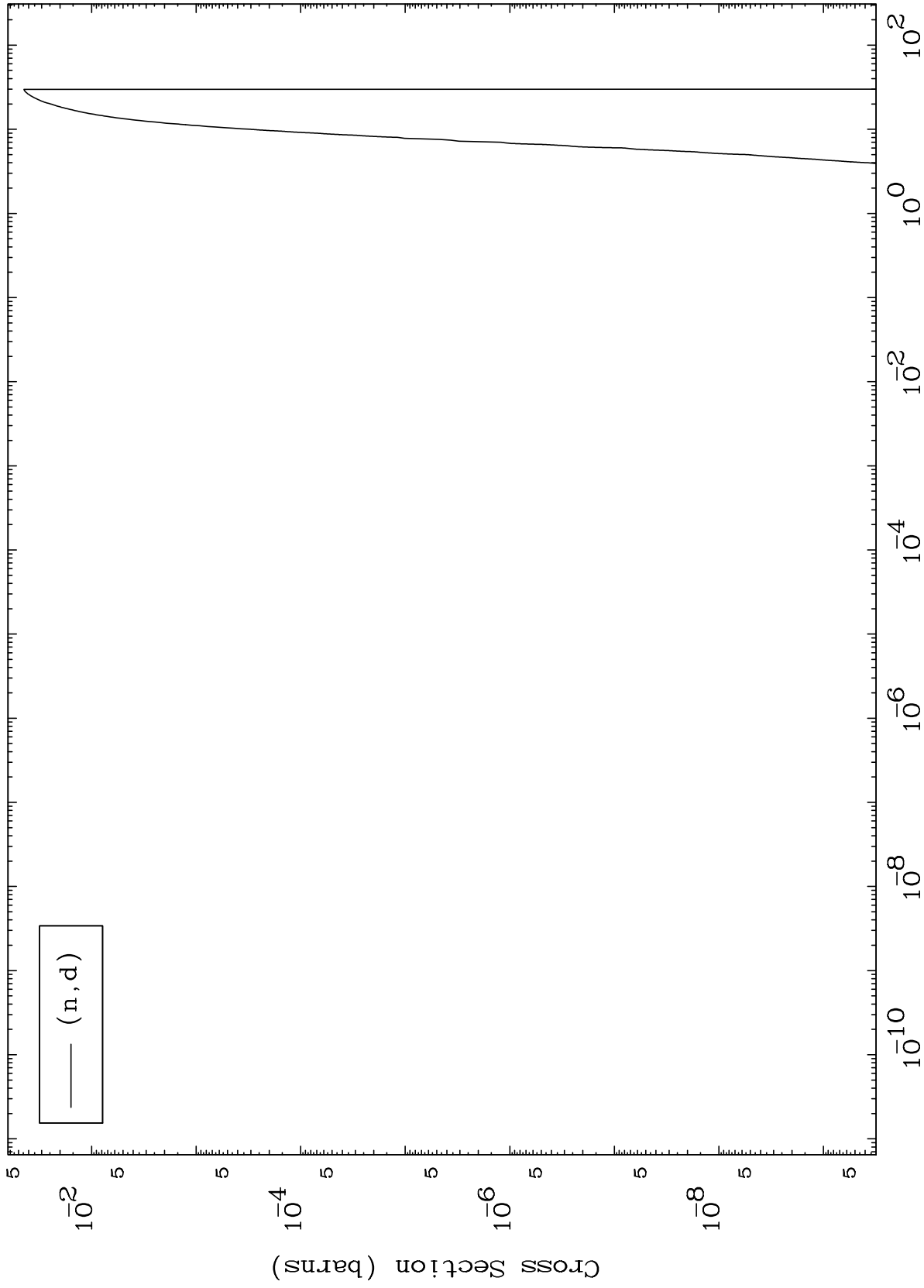
81-Tl-187



MAT 8078

(n,d) Levels
293 Kelvin Cross Sections

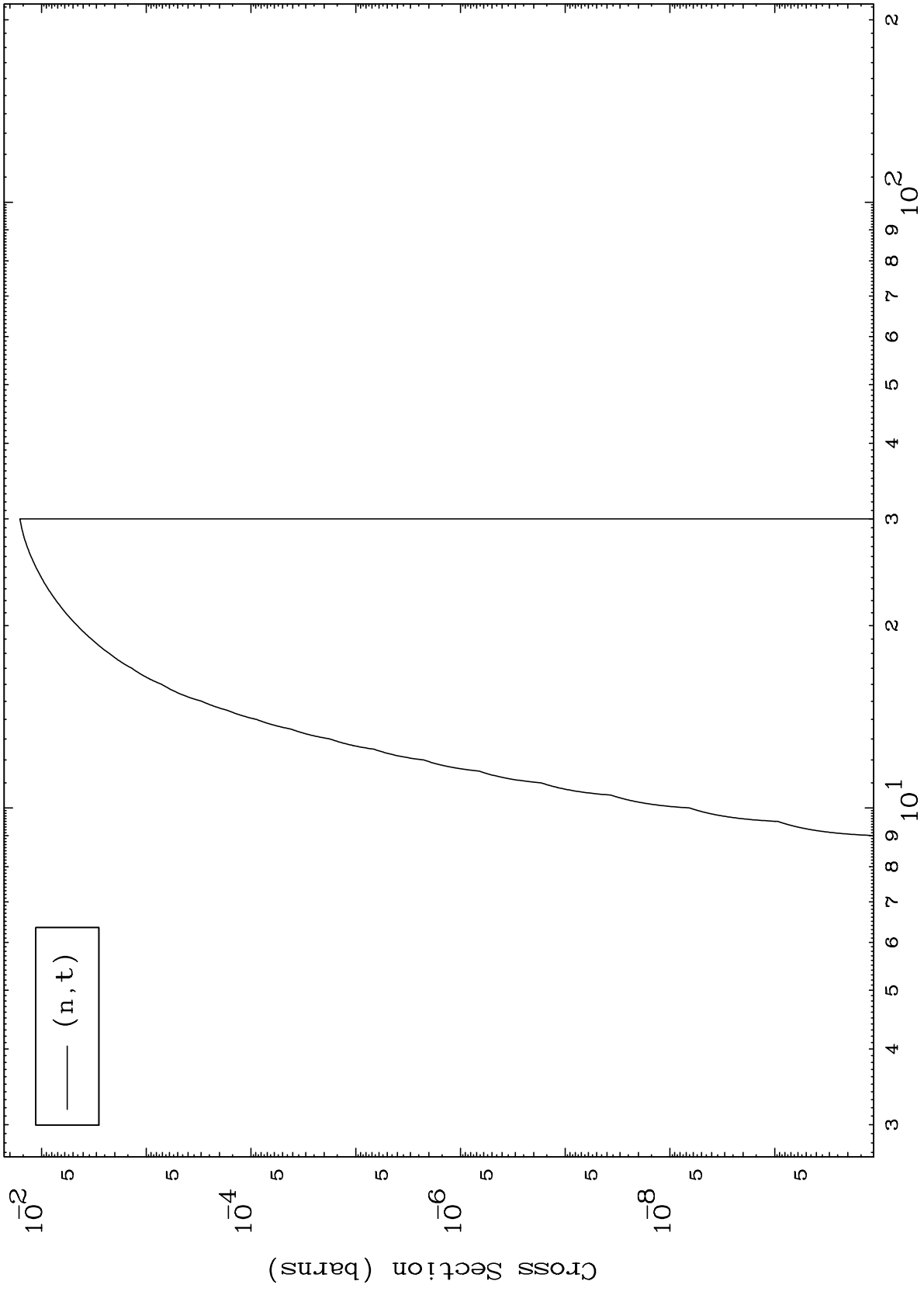
81-Tl-187



MAT 8078

(n,t) Levels
293 Kelvin Cross Sections

81-Tl-187



10

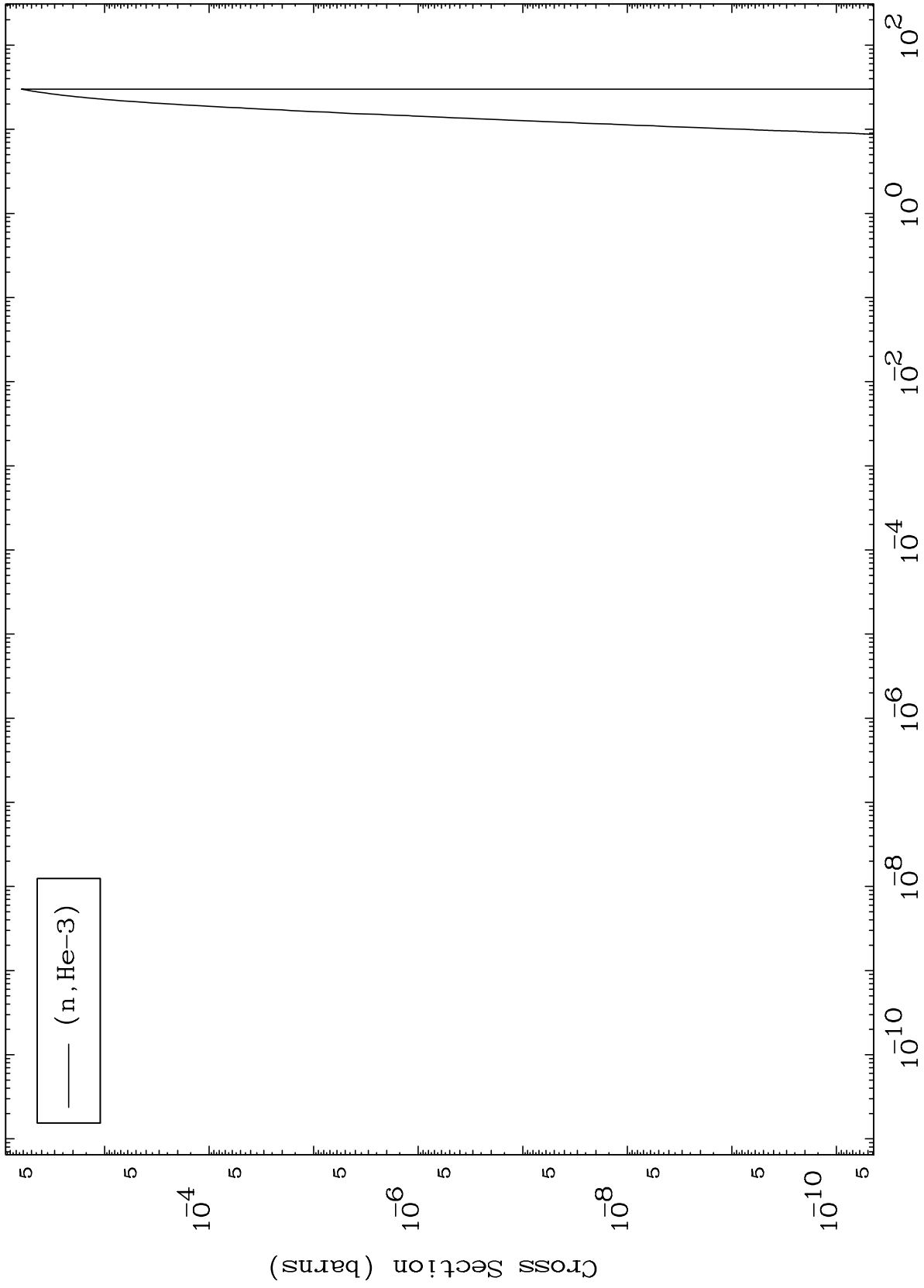
Incident Energy (MeV)

81-Tl-187

MAT 8078

(n,He3) Levels
293 Kelvin Cross Sections

81-Tl-187



11

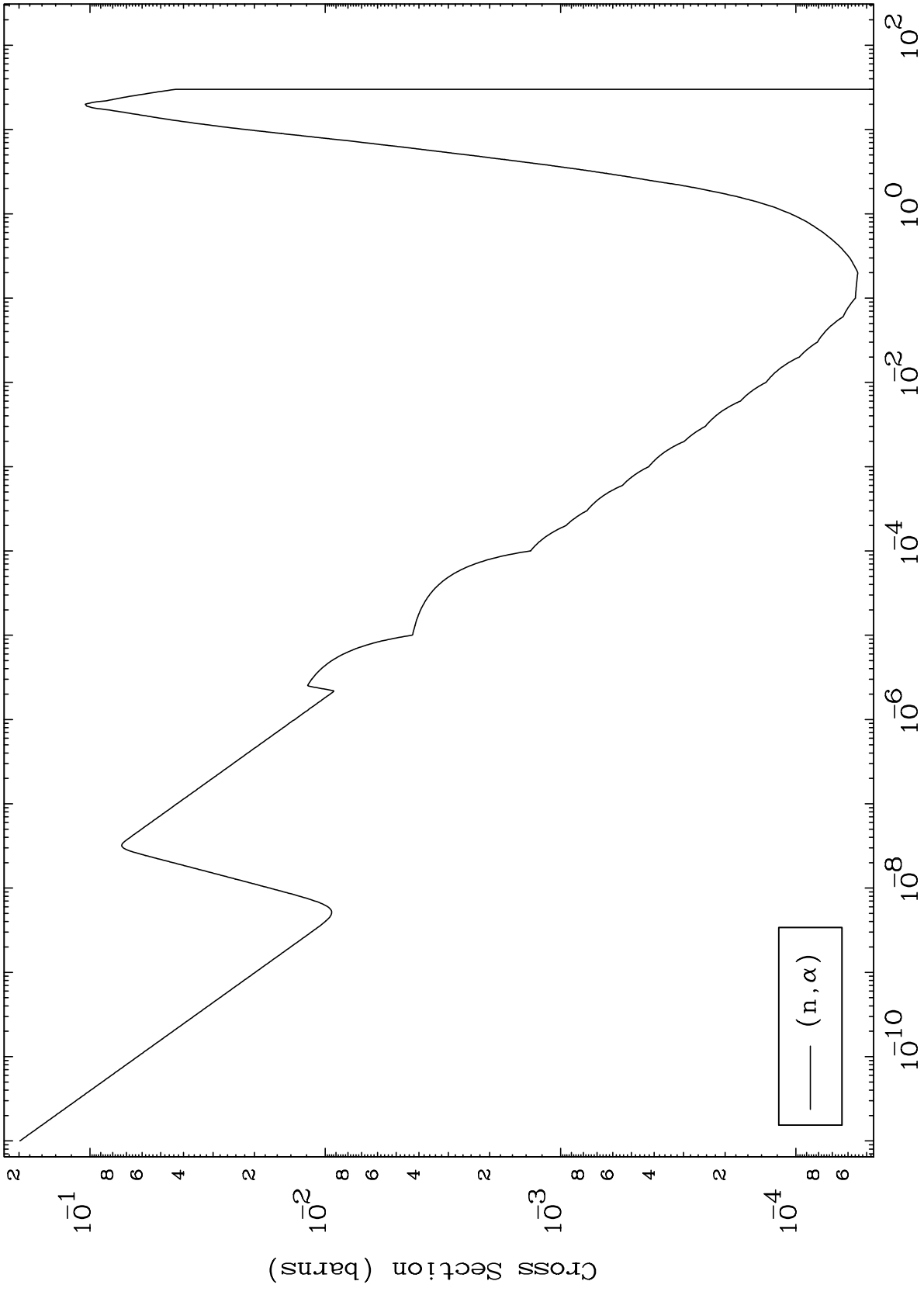
Incident Energy (MeV)

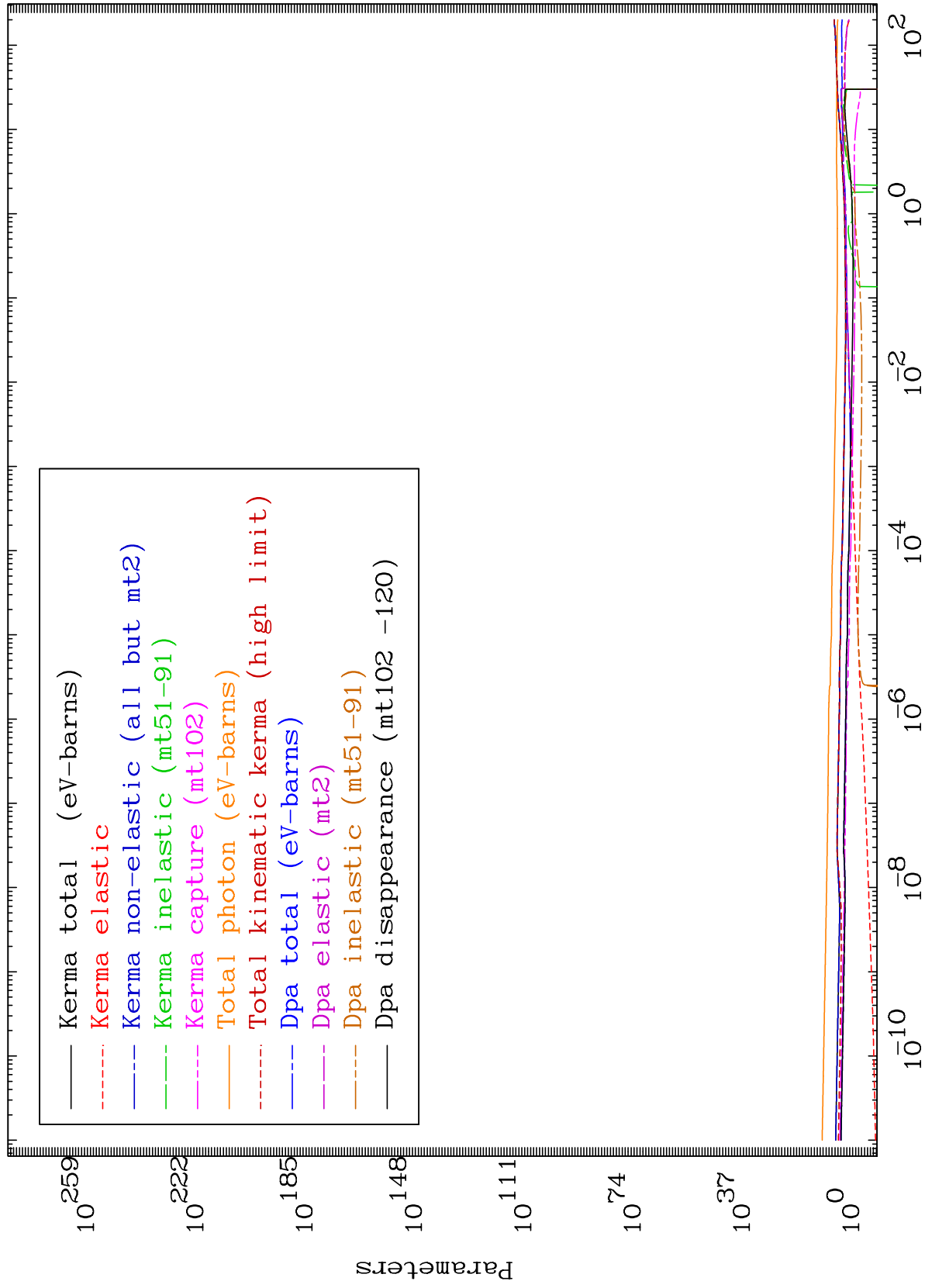
81-Tl-187

MAT 8078

(n,α) Levels
293 Kelvin Cross Sections

81-Tl-187

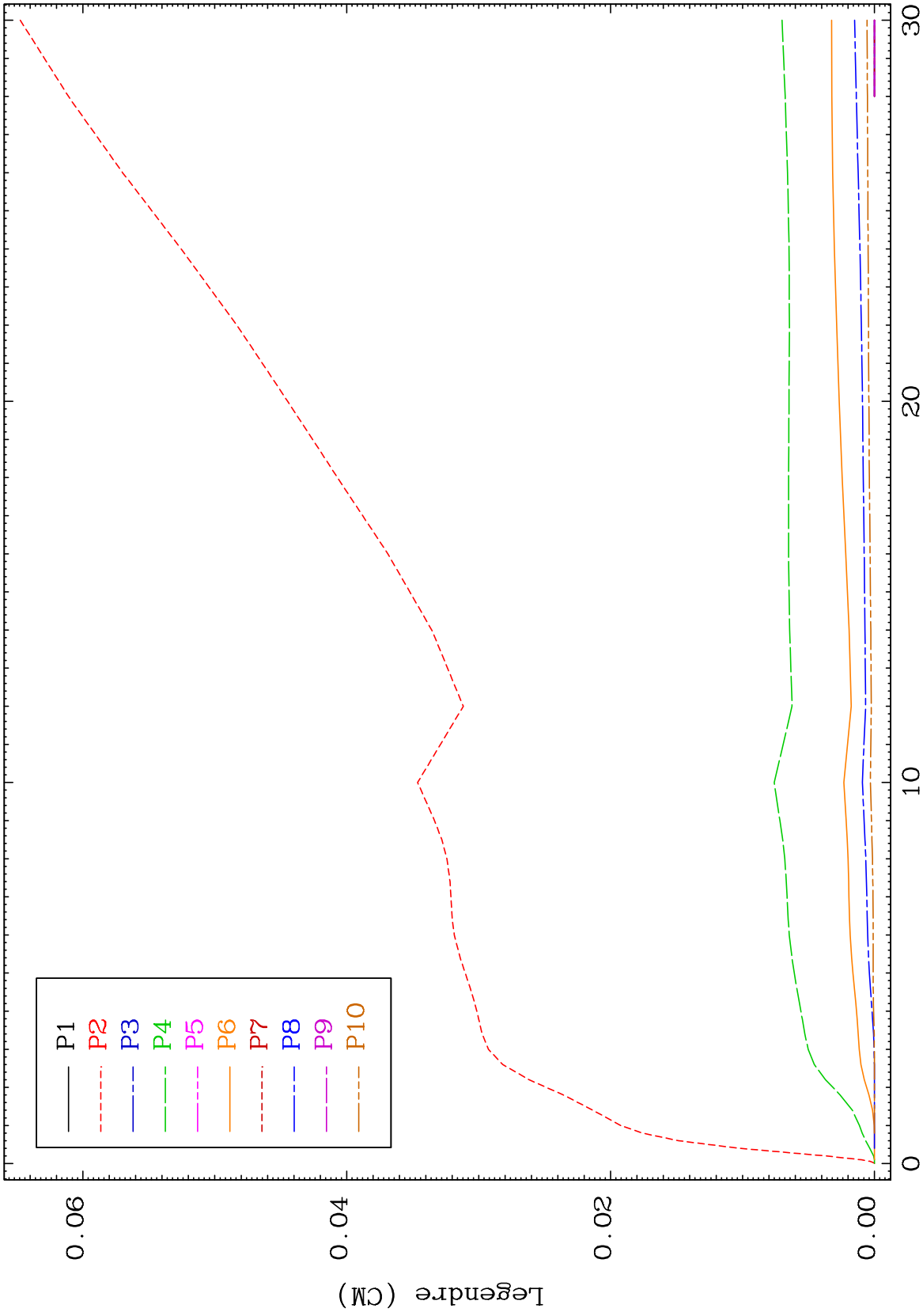




MAT 8078

Elastic Legendre Coefficients

81-T1-187



14

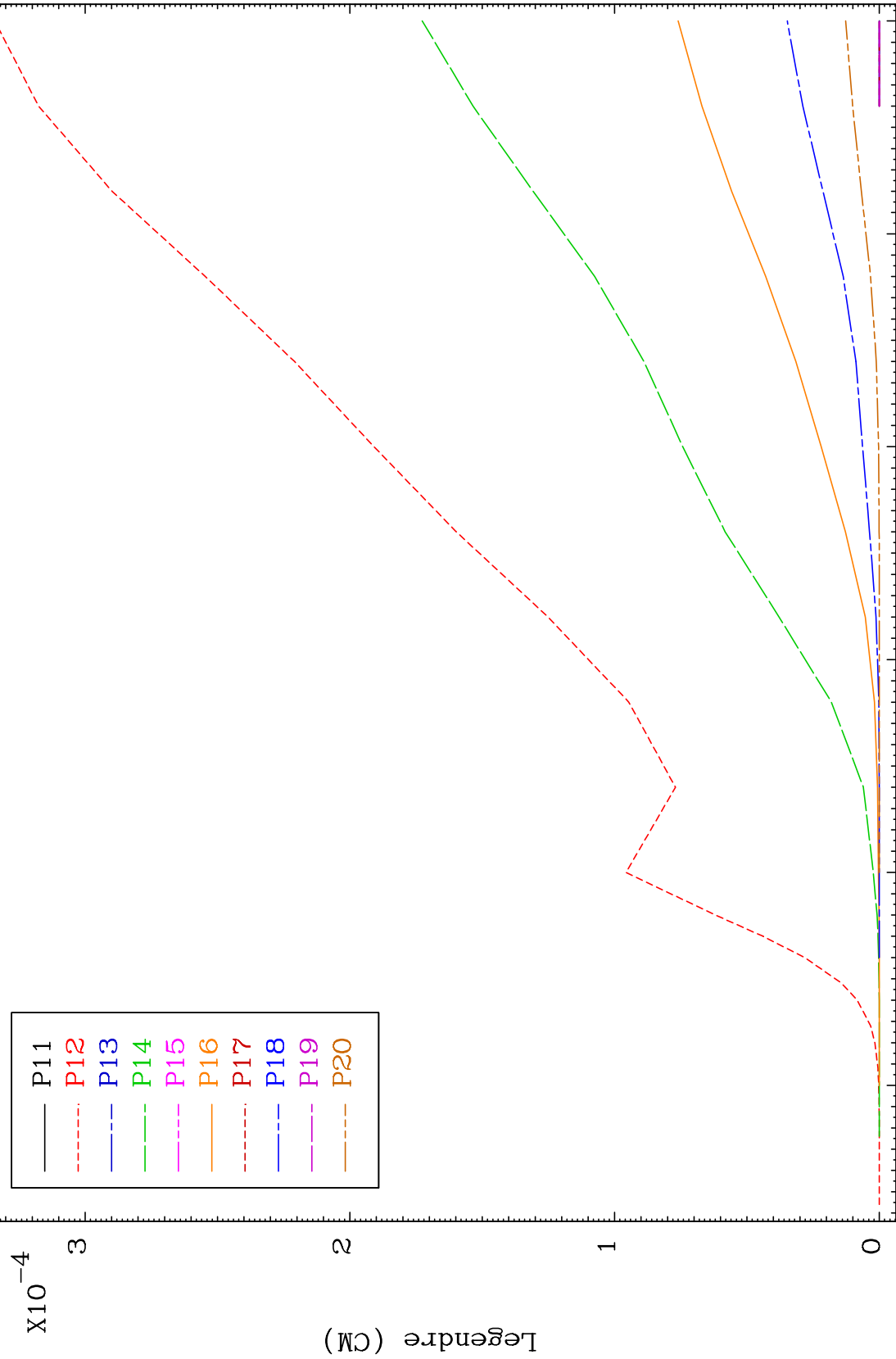
Incident Energy (MeV)

81-T1-187

MAT 8078

Elastic Legendre Coefficients

81-Tl-187



15

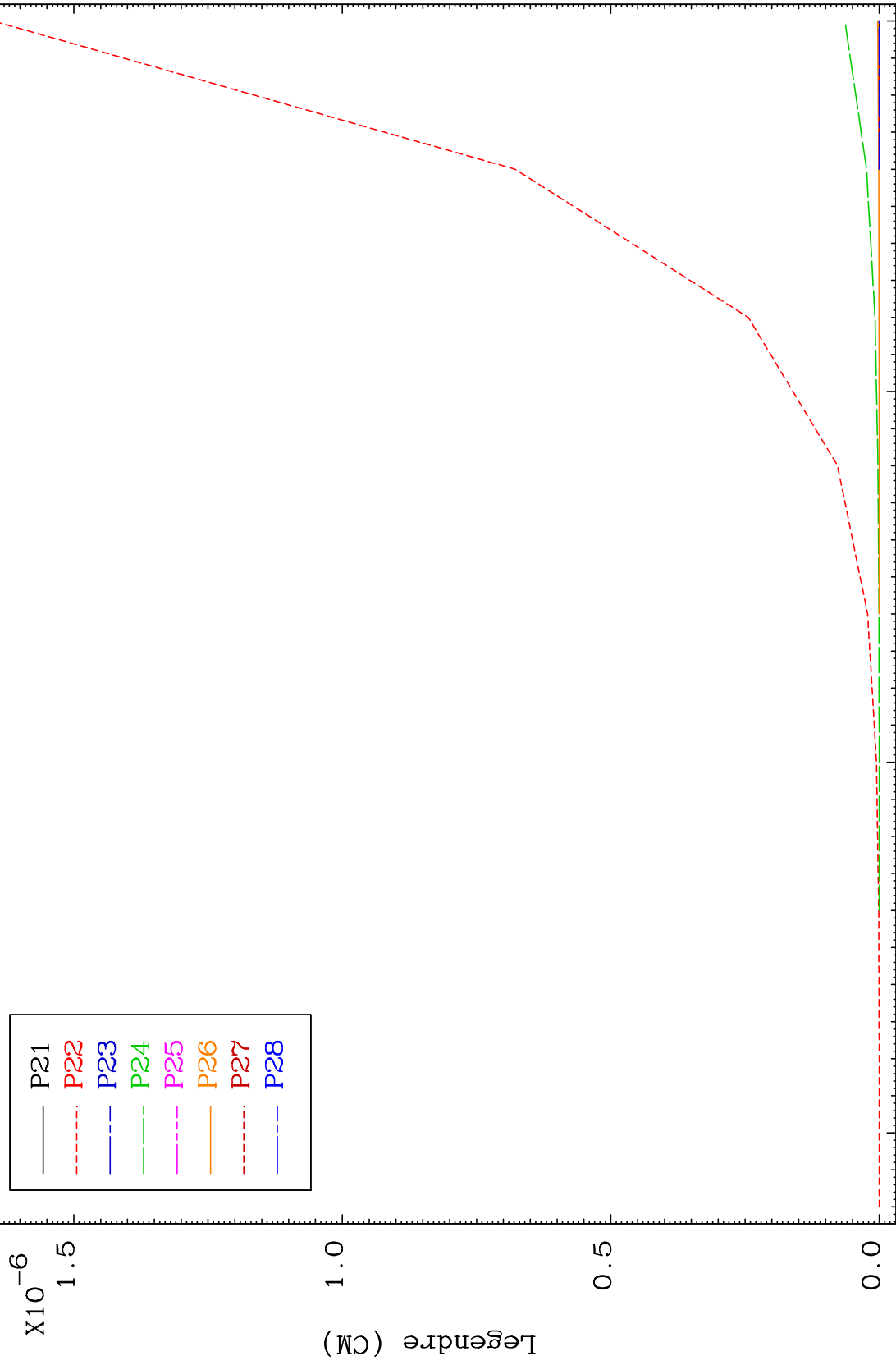
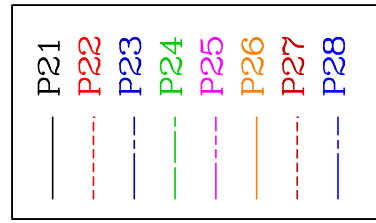
Incident Energy (MeV)

81-Tl-187

MAT 8078

Elastic Legendre Coefficients

81-T1-187



16

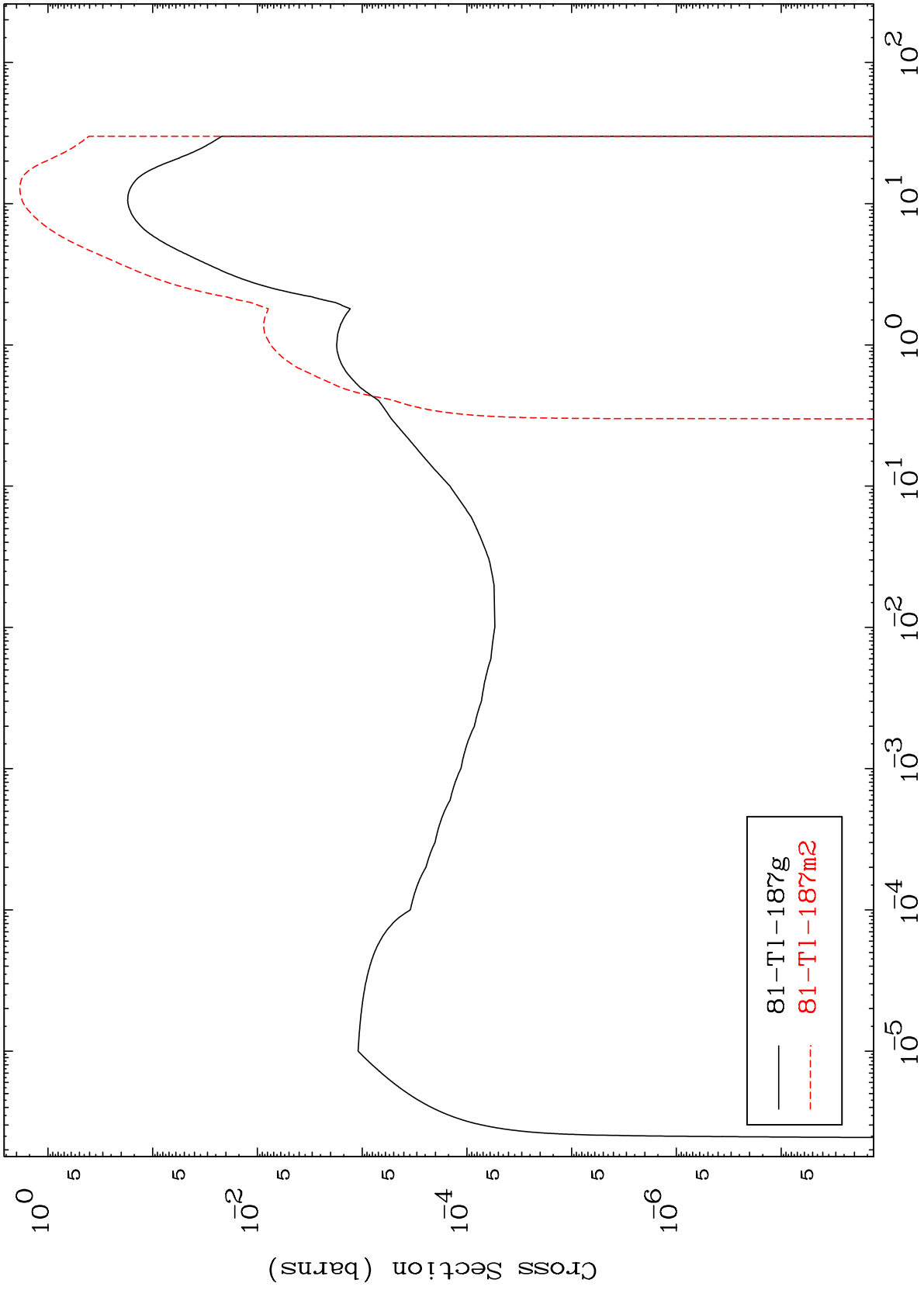
Incident Energy (MeV)

81-T1-187

MAT 8078

Inelastic
Radionuclide Production Cross Section

81-Tl-187



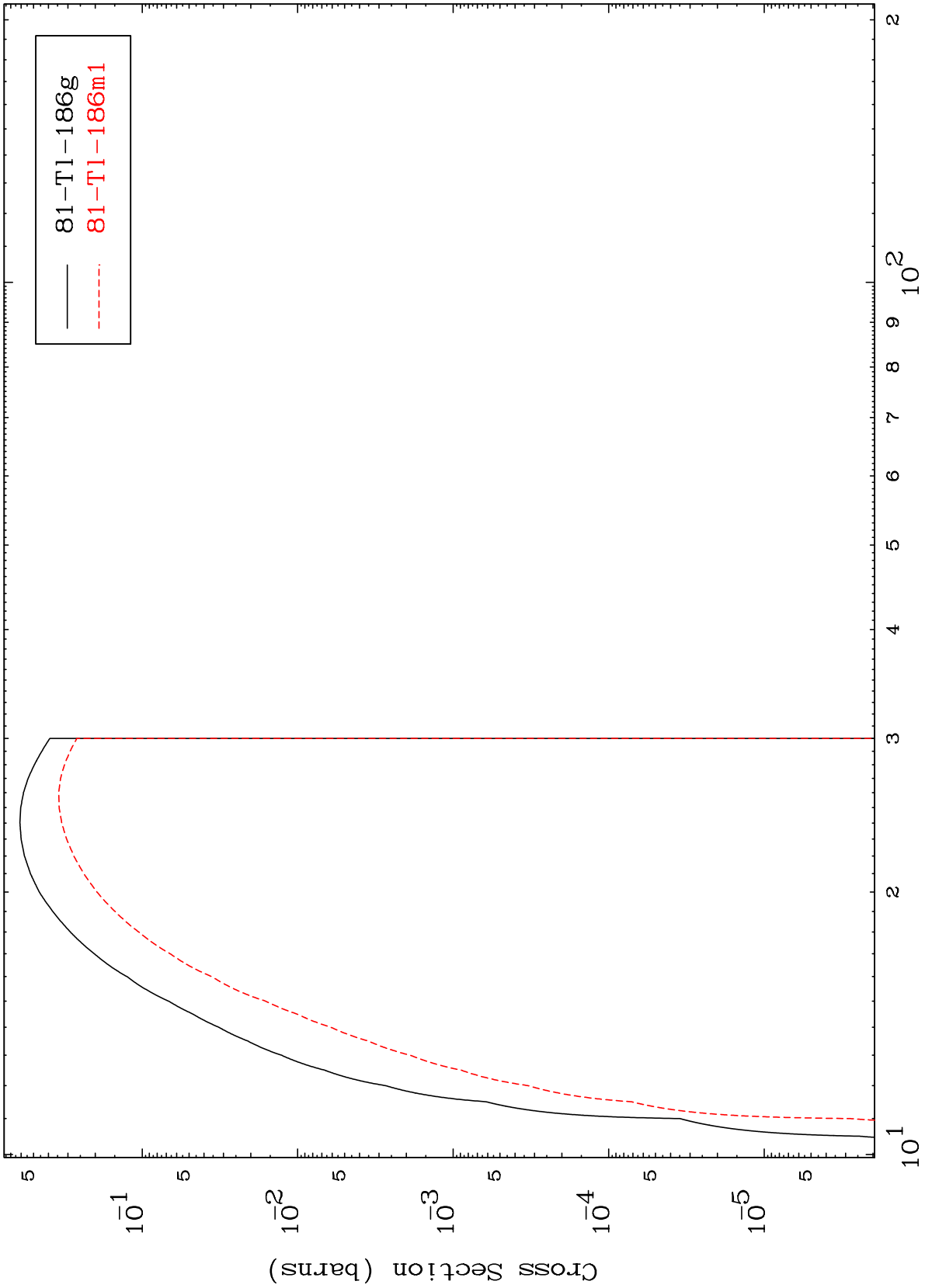
81-Tl-187

MAT 8078

(n,2n)

81-Tl-187

Radionuclide Production Cross Section



18

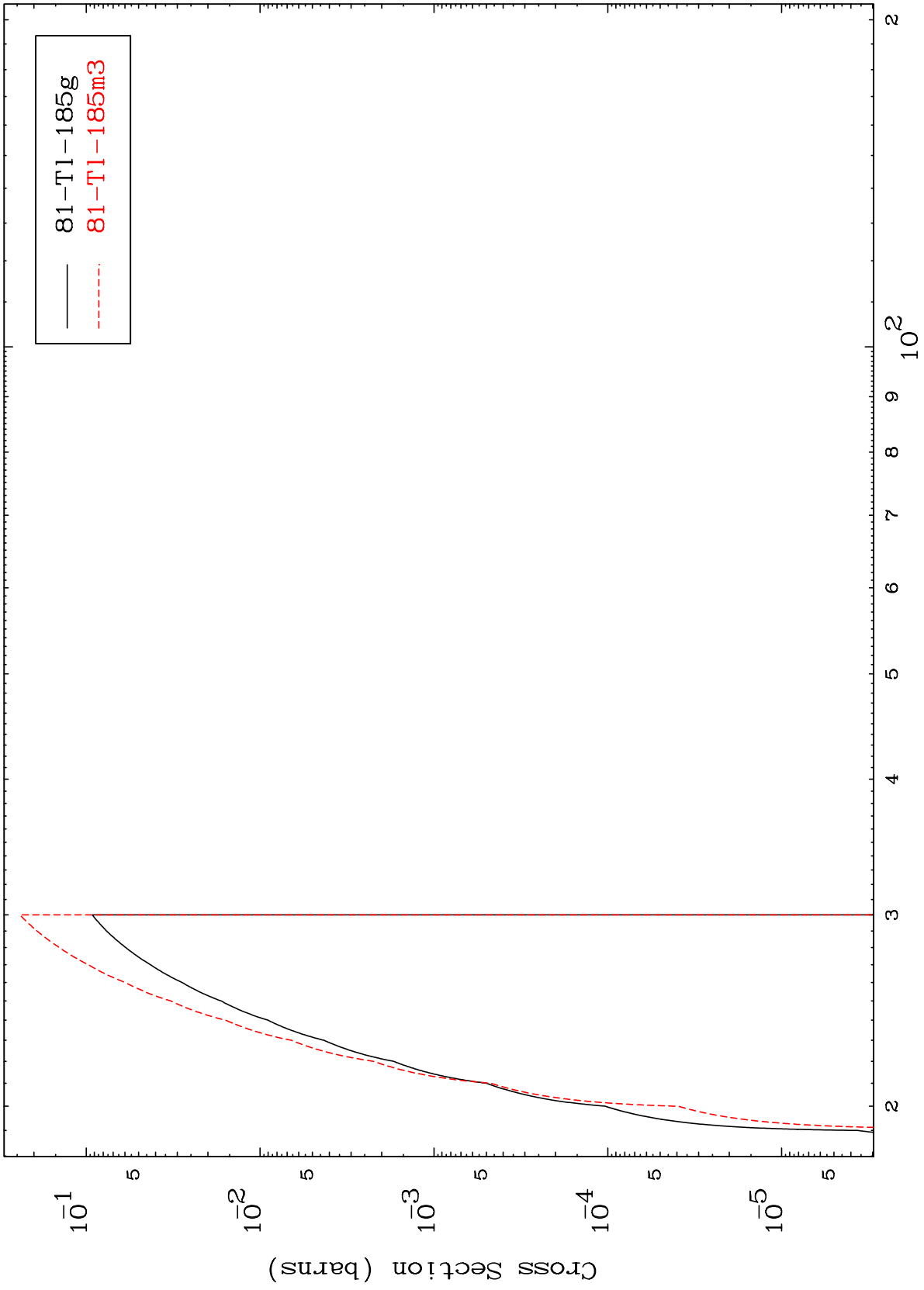
Incident Energy (MeV)

81-Tl-187

MAT 8078

81-Tl-187

(n,3n)
Radionuclide Production Cross Section



19

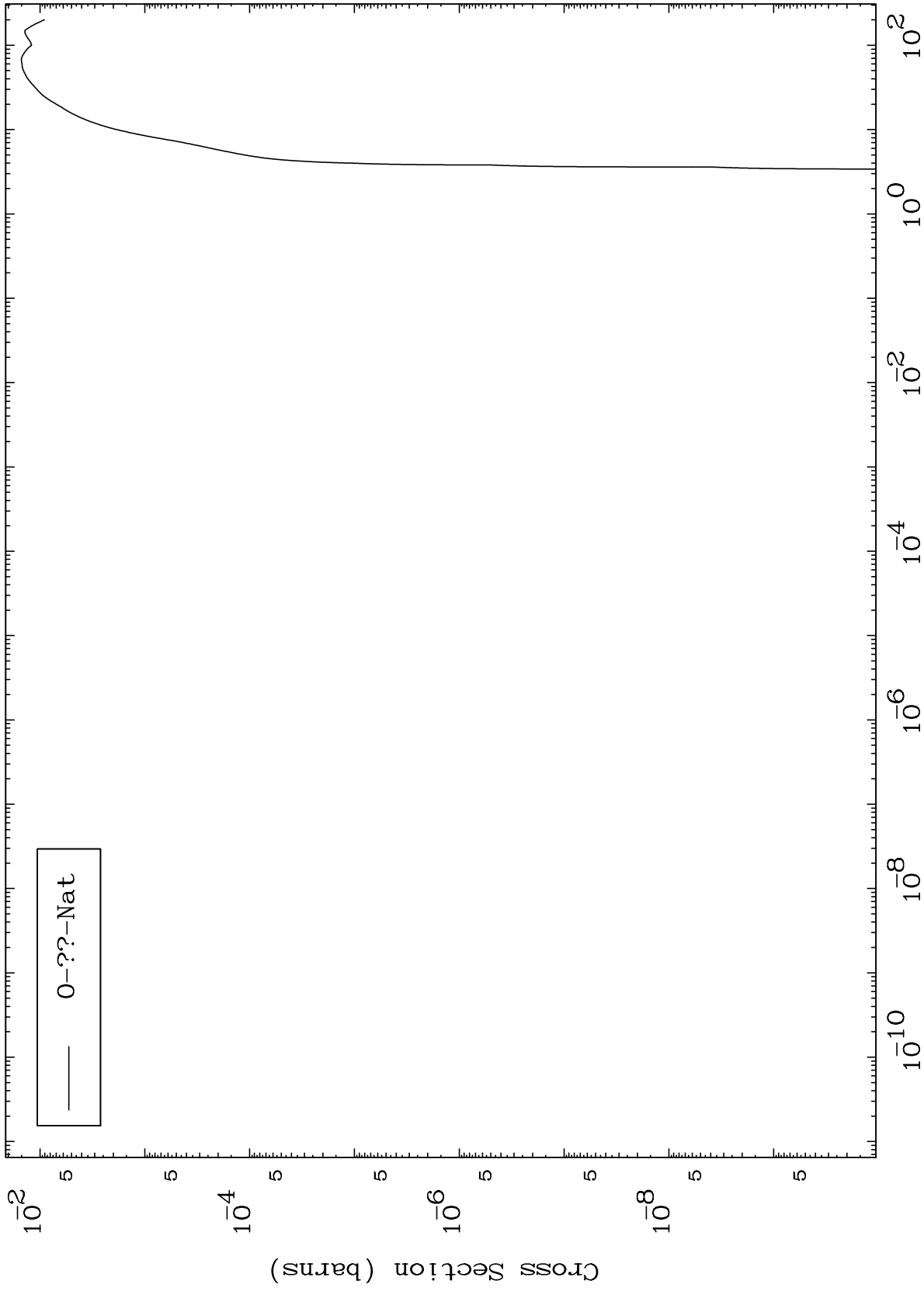
81-Tl-187

MAT 8078

Fission

81-Tl-187

Radionuclide Production Cross Section



20

Incident Energy (MeV)

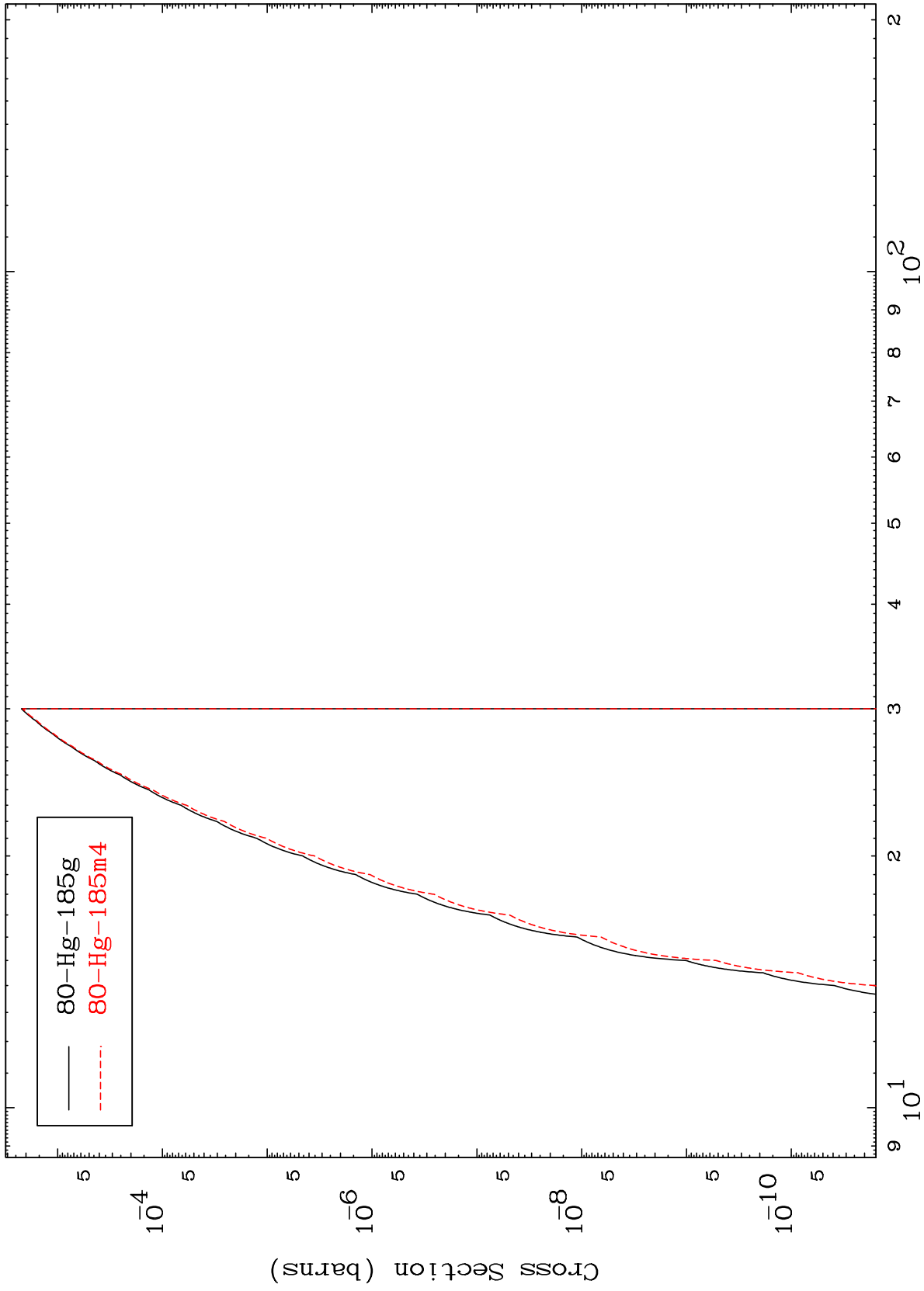
81-Tl-187

MAT 8078

(n,n') d

81-Tl-187

Radionuclide Production Cross Section



21

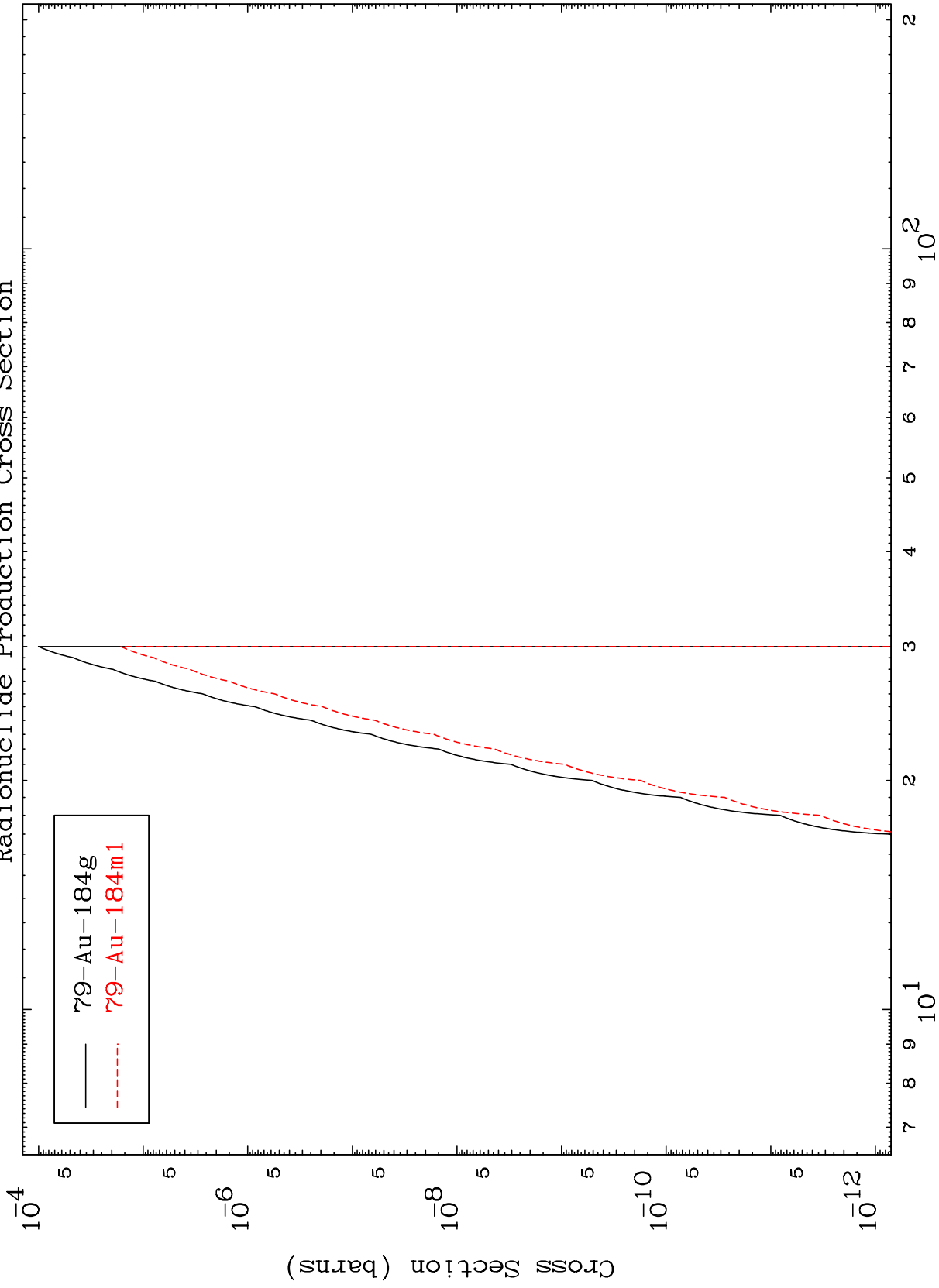
81-Tl-187

MAT 8078

(n, n') He-3

81-Tl-187

Radionuclide Production Cross Section



22

Incident Energy (MeV)

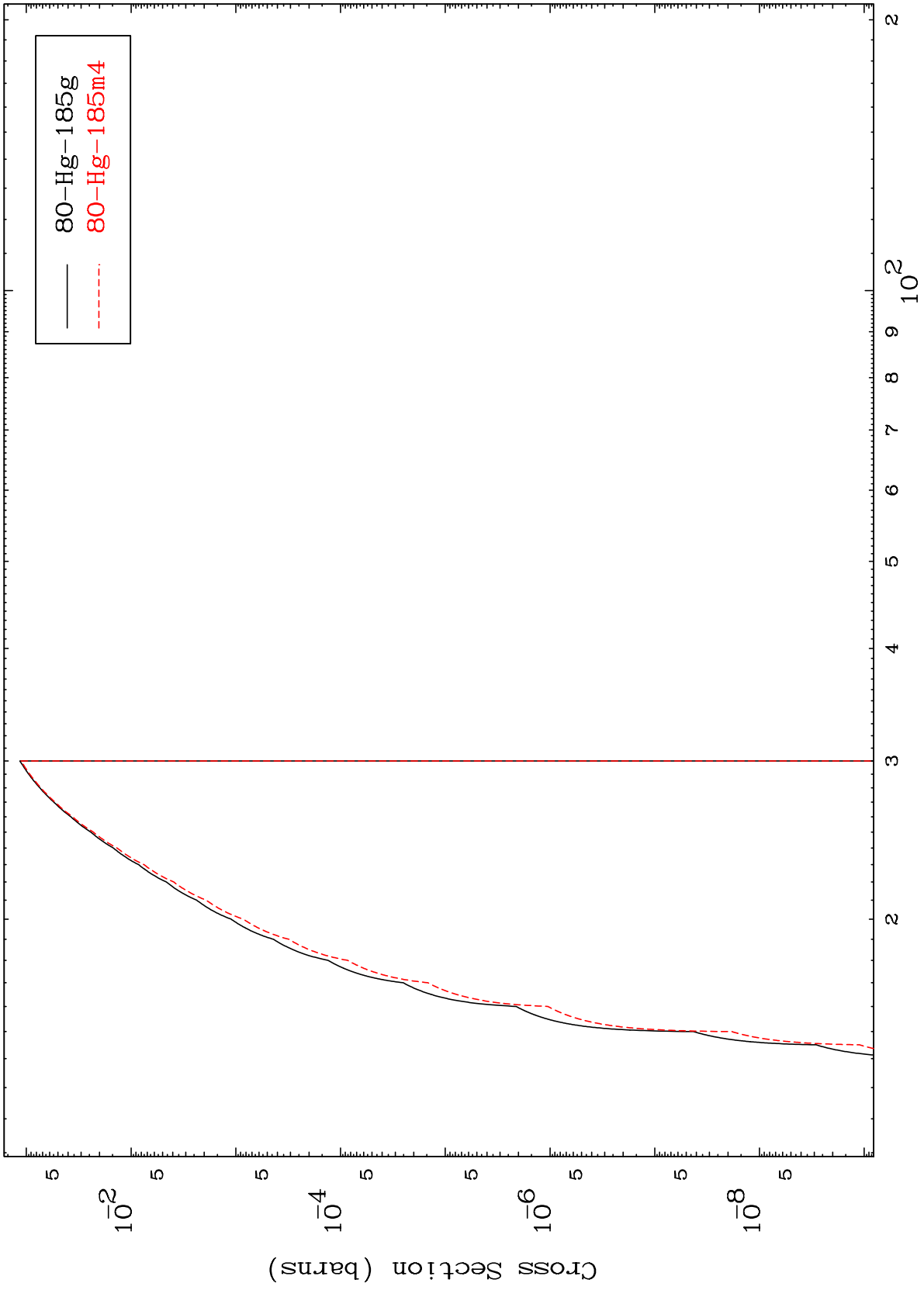
81-Tl-187

MAT 8078

(n,2n) p

81-Tl-187

Radionuclide Production Cross Section



23

Incident Energy (MeV)

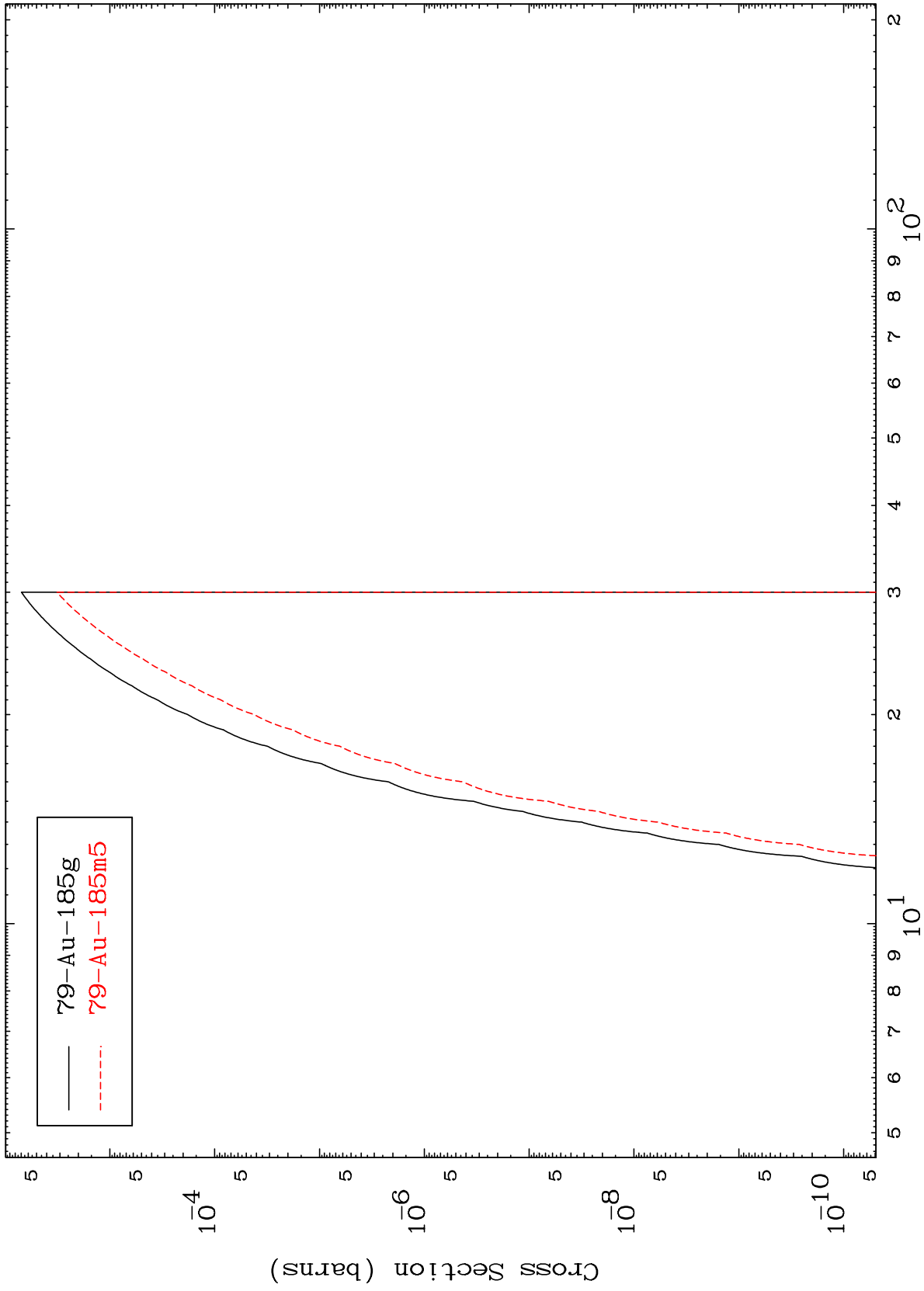
81-Tl-187

MAT 8078

(n,2n) p

81-Tl-187

Radionuclide Production Cross Section



24

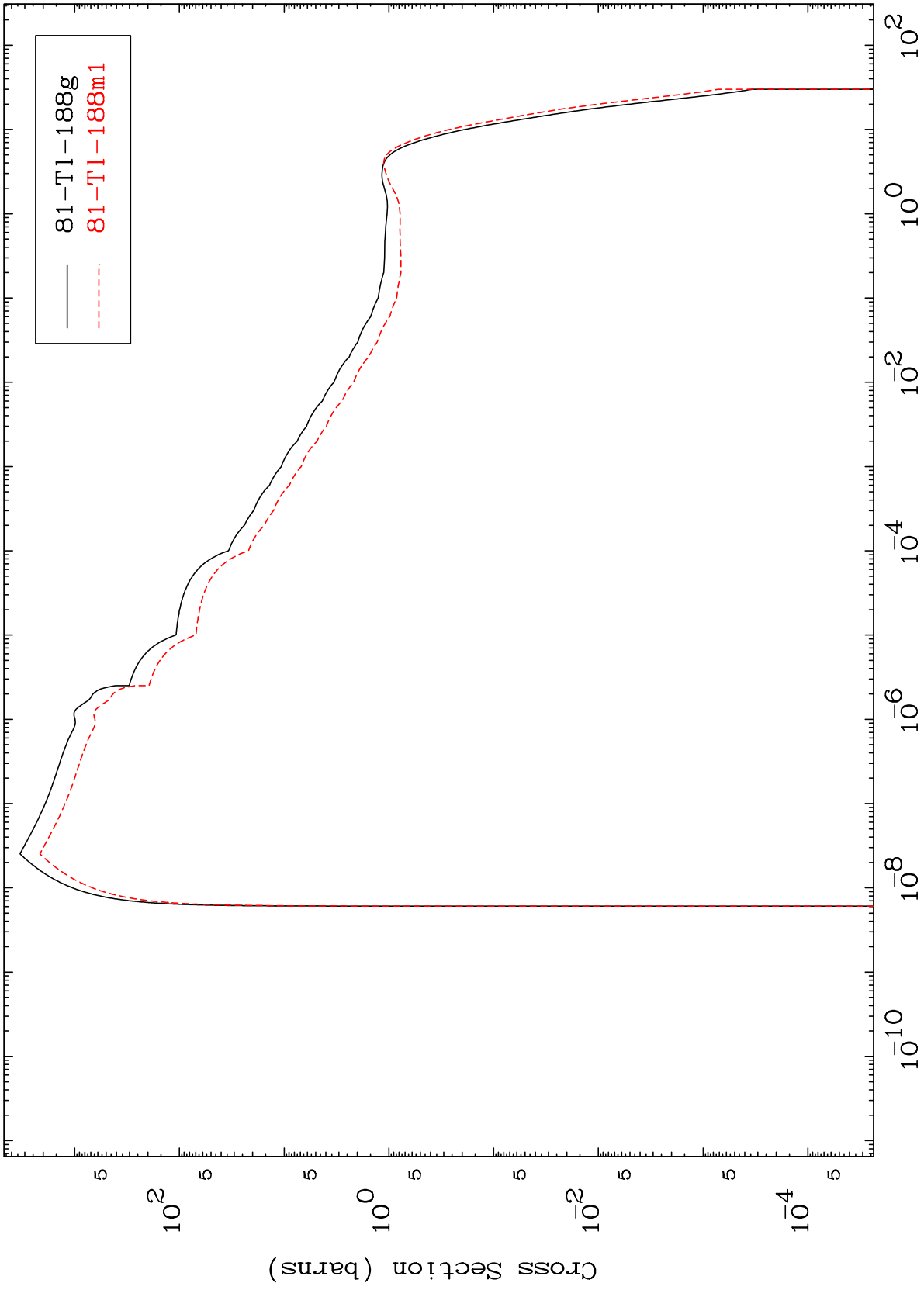
Incident Energy (MeV)

81-Tl-187

MAT 8078

81-Tl-187

(n, γ)
Radionuclide Production Cross Section



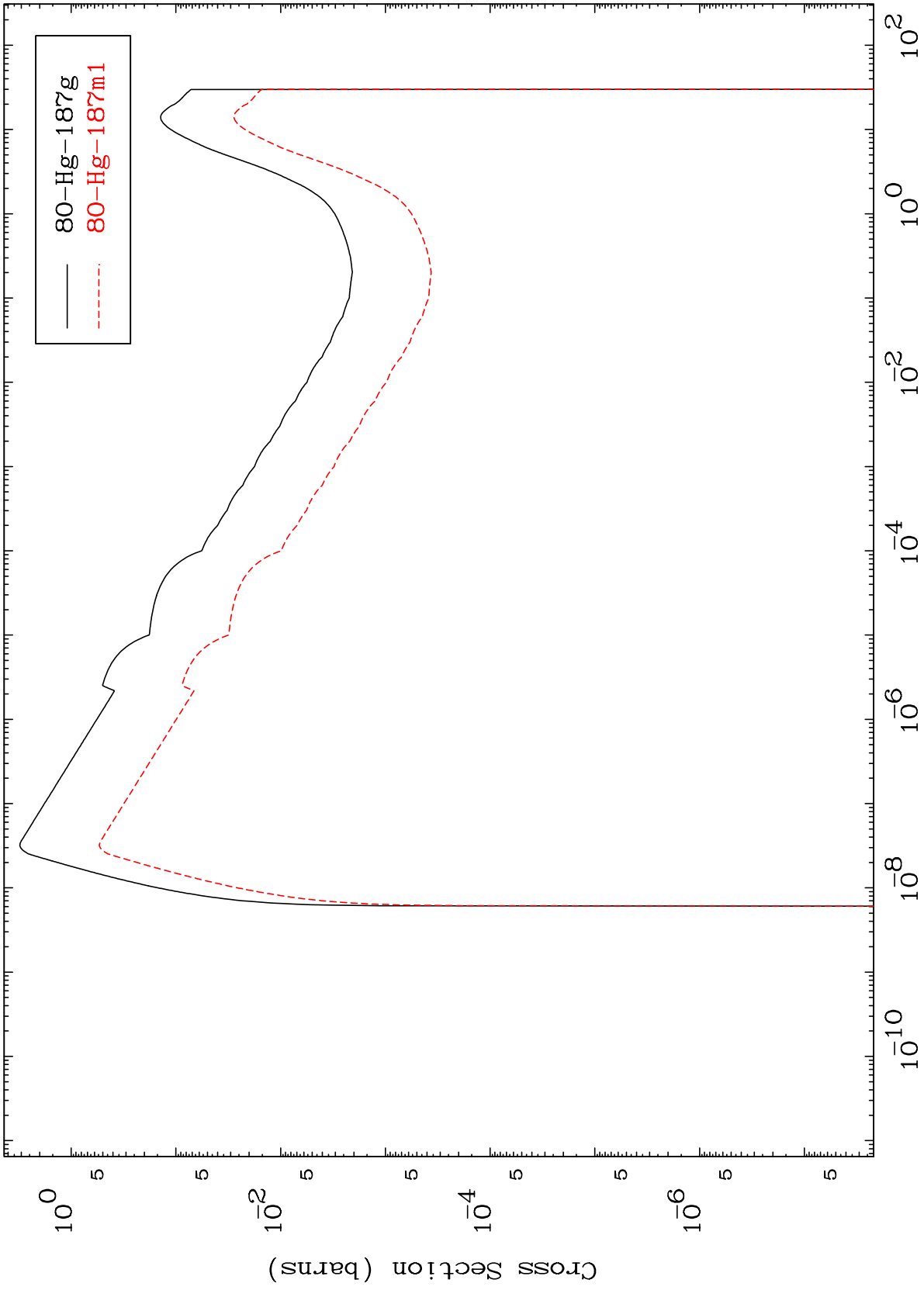
25

81-Tl-187

MAT 8078

81-Tl-187

(n,p)
Radionuclide Production Cross Section

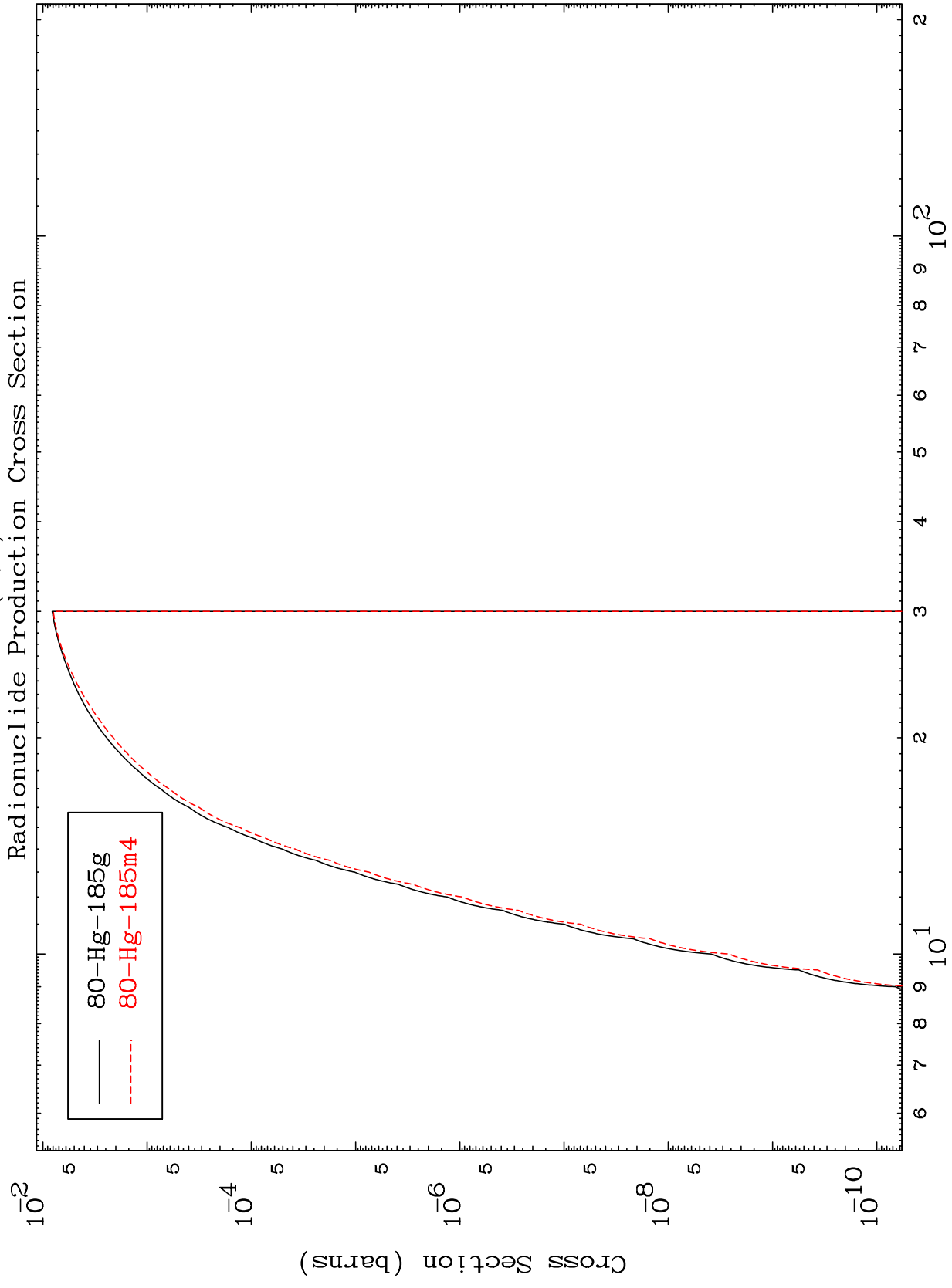


26

81-Tl-187

MAT 8078

81-Tl-187



27

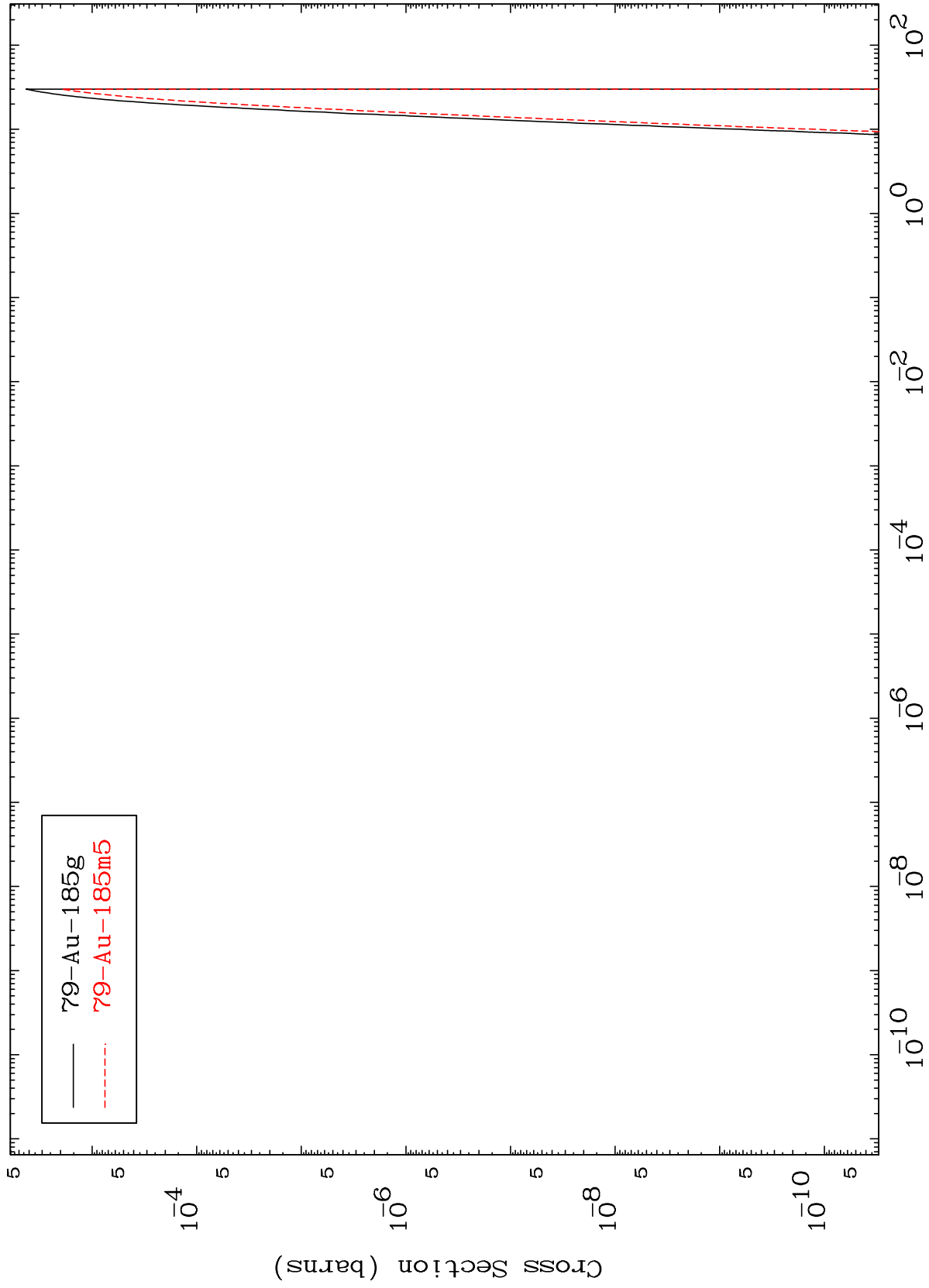
81-Tl-187

MAT 8078

(n, He-3)

81-Tl-187

Radionuclide Production Cross Section



28

Incident Energy (MeV)

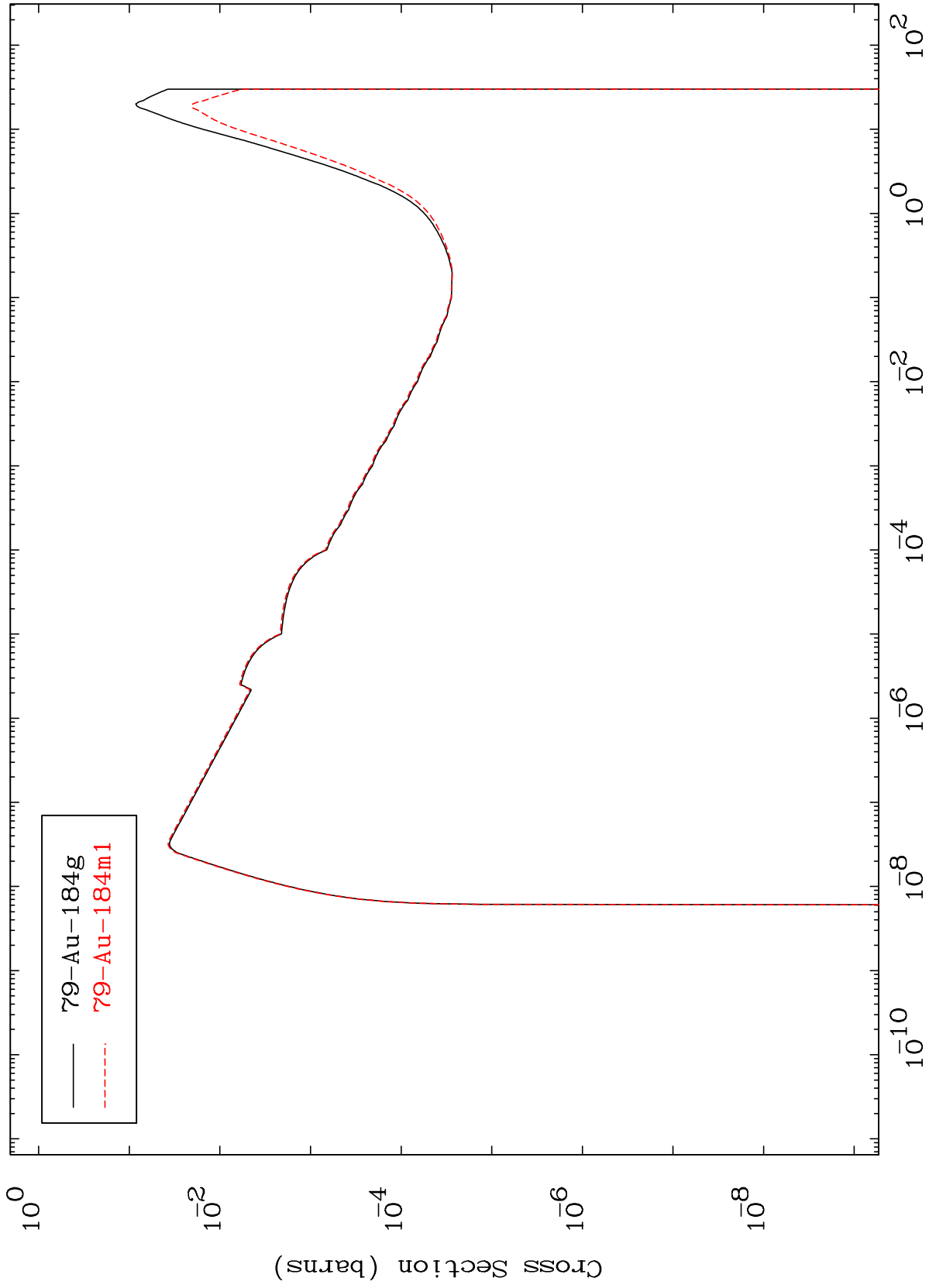
81-Tl-187

MAT 8078

(n, α)

81-Tl-187

Radionuclide Production Cross Section



29

Incident Energy (MeV)

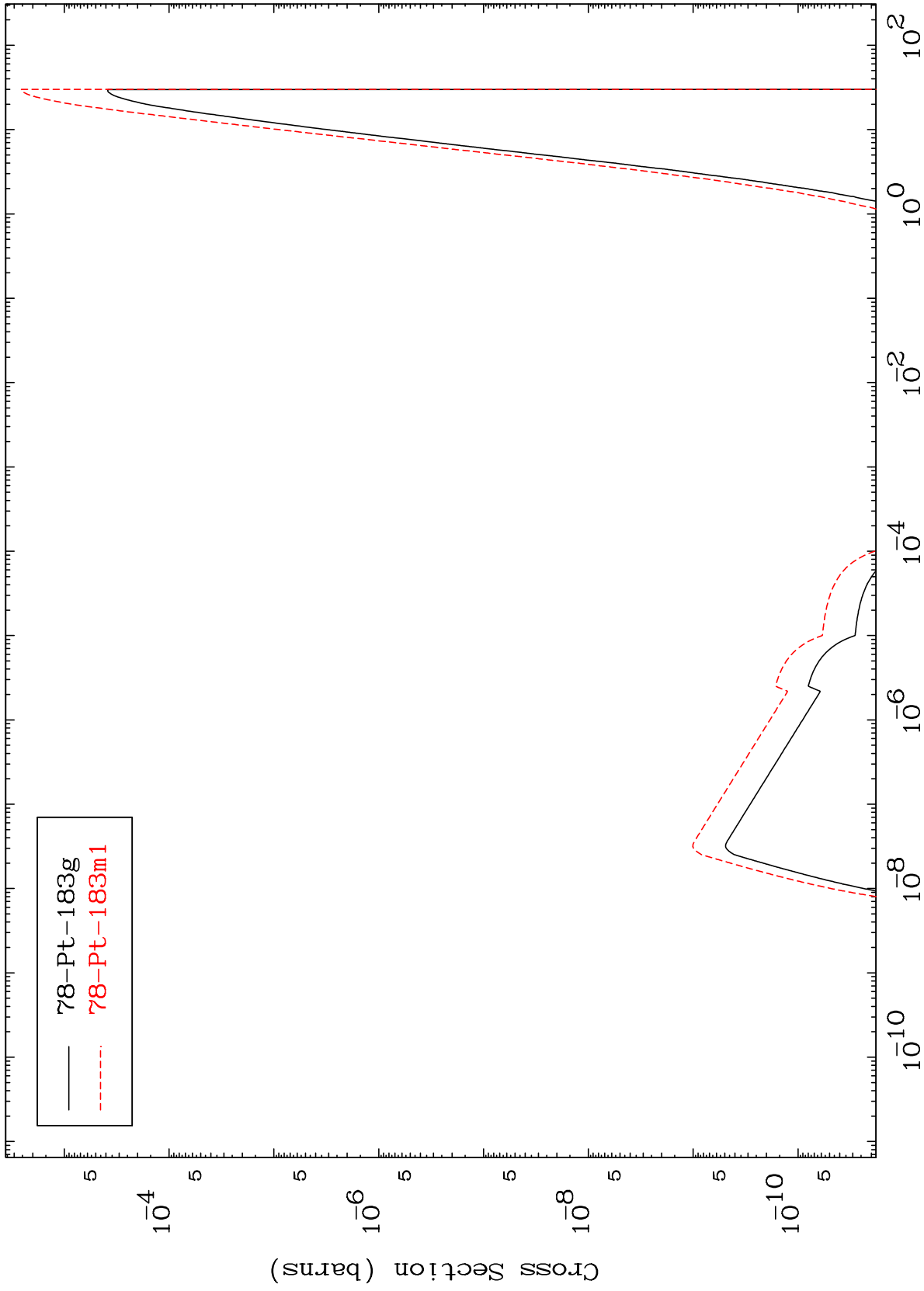
81-Tl-187

MAT 8078

(n,p) α

81-Tl-187

Radionuclide Production Cross Section



30

Incident Energy (MeV)

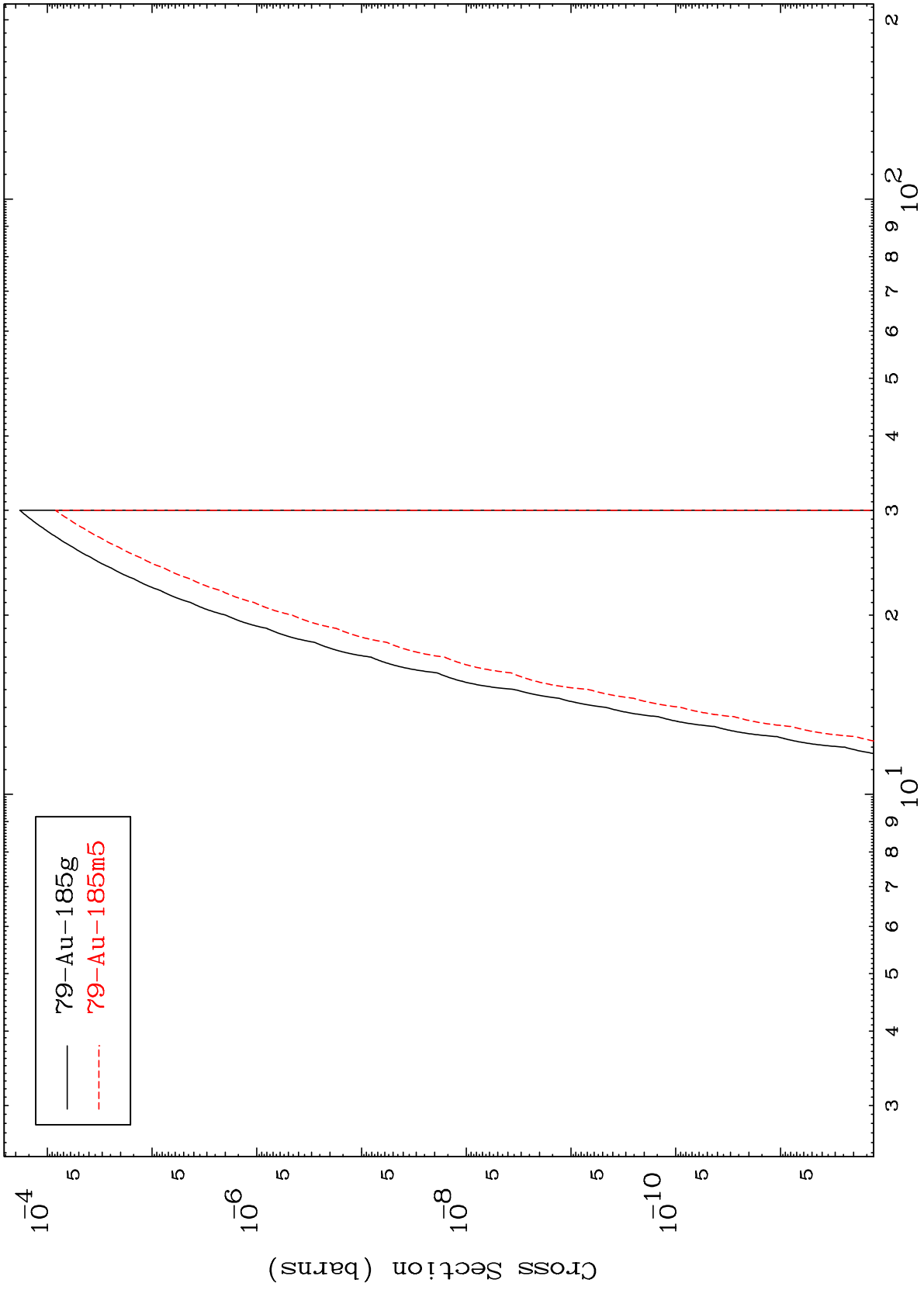
81-Tl-187

MAT 8078

(n,p) d

81-Tl-187

Radionuclide Production Cross Section



31

Incident Energy (MeV)

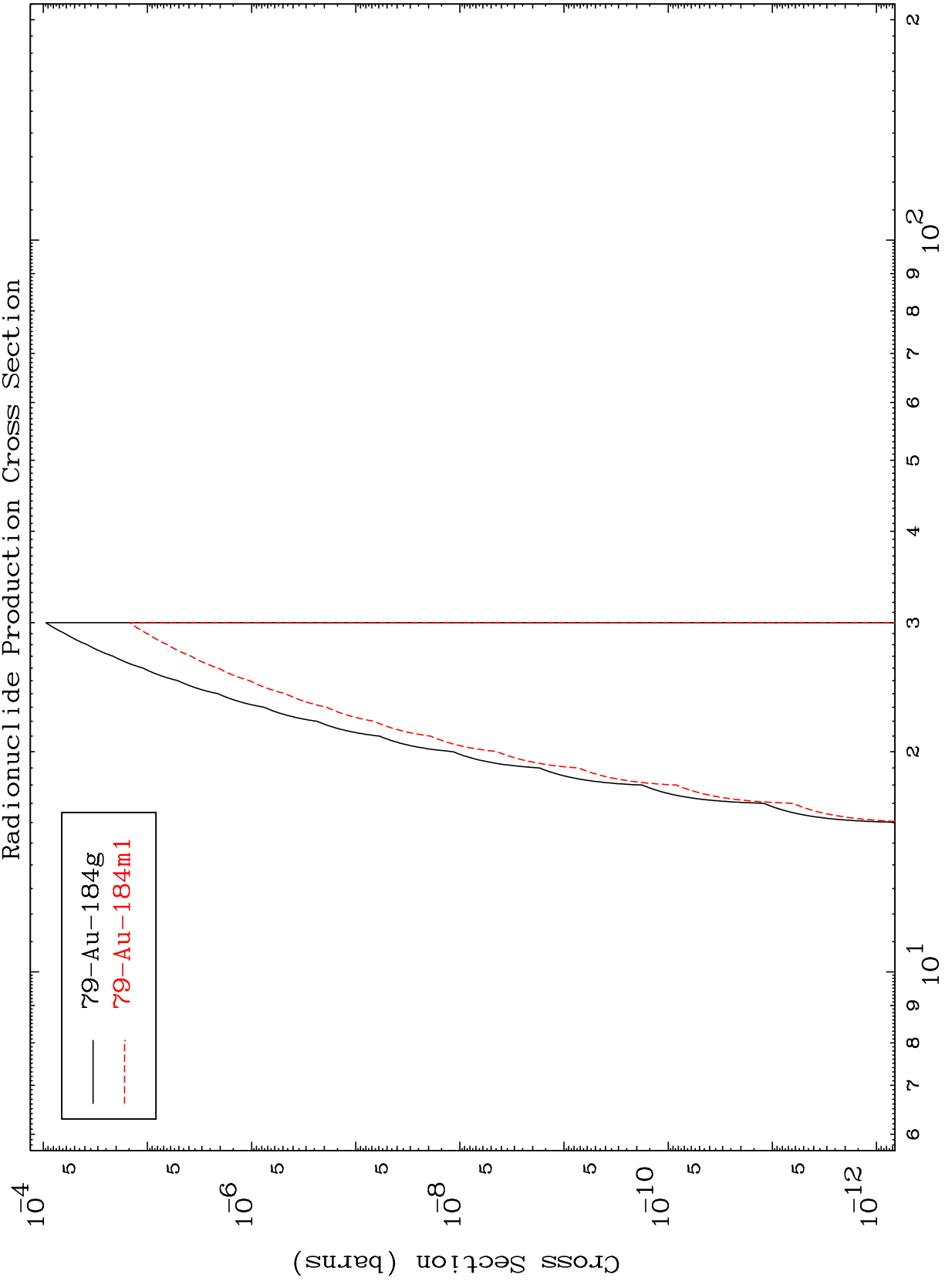
81-Tl-187

MAT 8078

(n,p) t

81-Tl-187

Radionuclide Production Cross Section



32

Incident Energy (MeV)

81-Tl-187