

Program EVALPLOT
(Version 2018-1)

by

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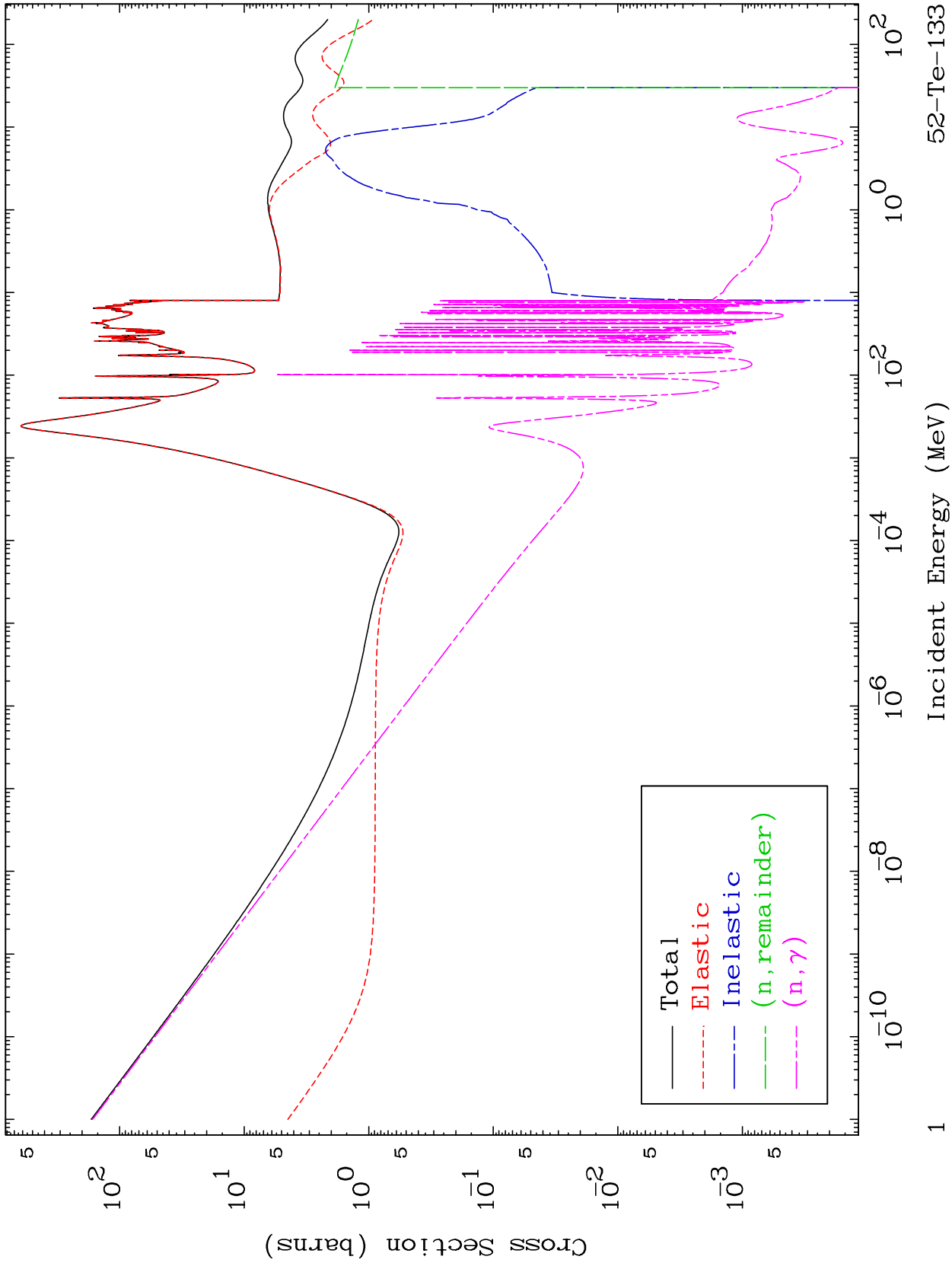
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5265

Major
293 Kelvin Cross Sections

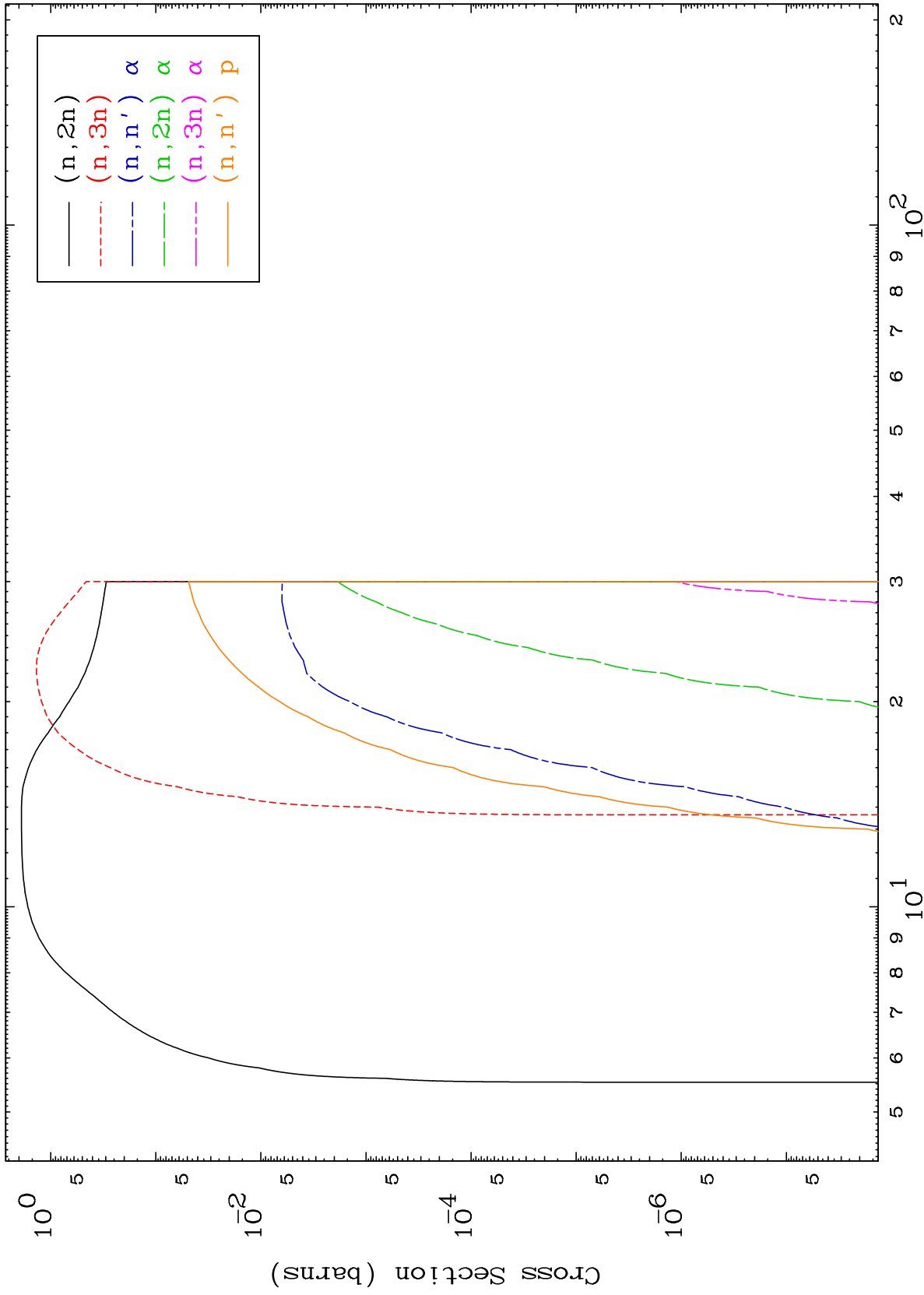
52-Te-133



MAT 5265

Neutron Production
293 Kelvin Cross Sections

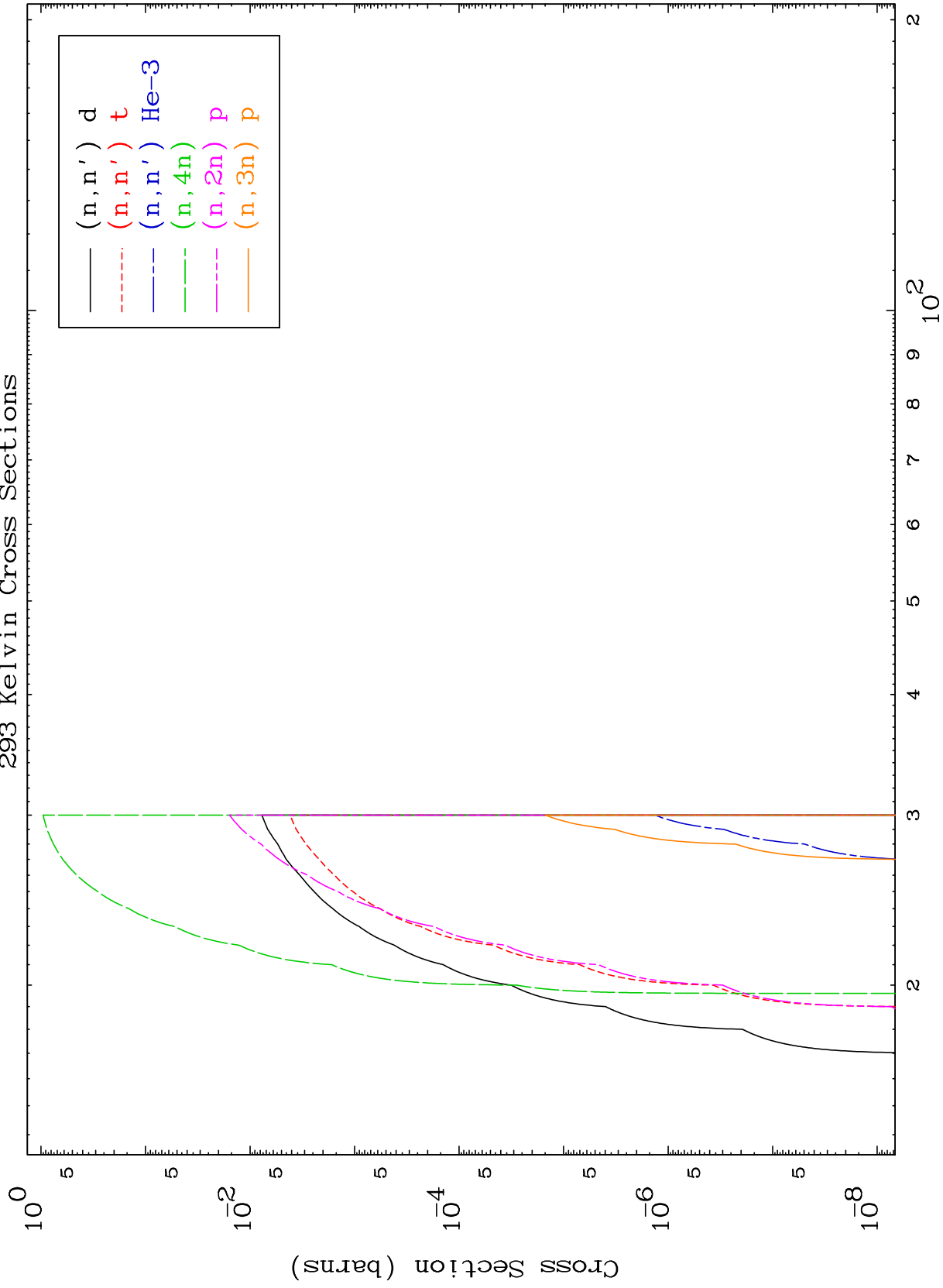
52-Te-133



2

Incident Energy (MeV)

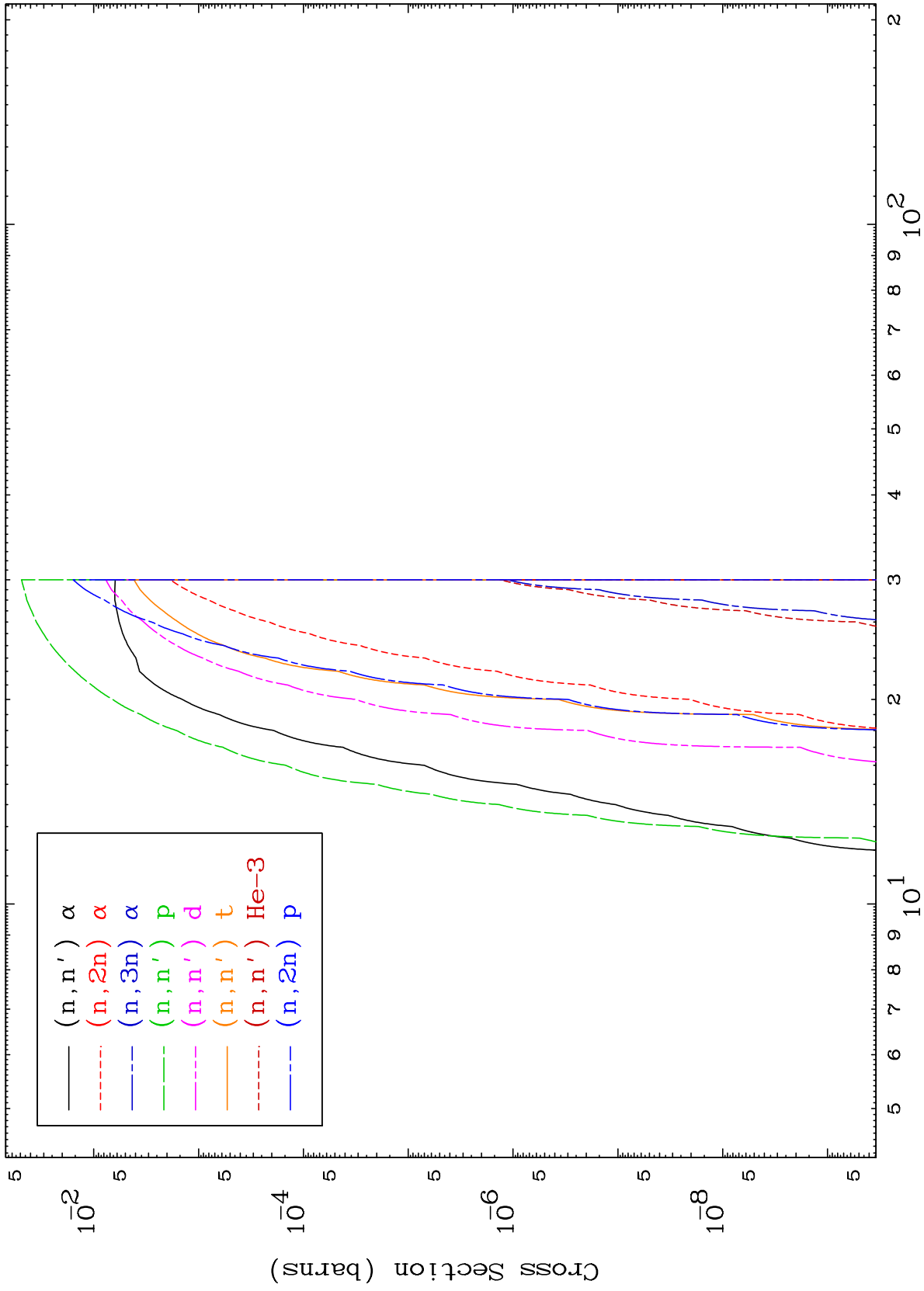
52-Te-133



MAT 5265

Charged Particle
293 Kelvin Cross Sections

52-Te-133



4

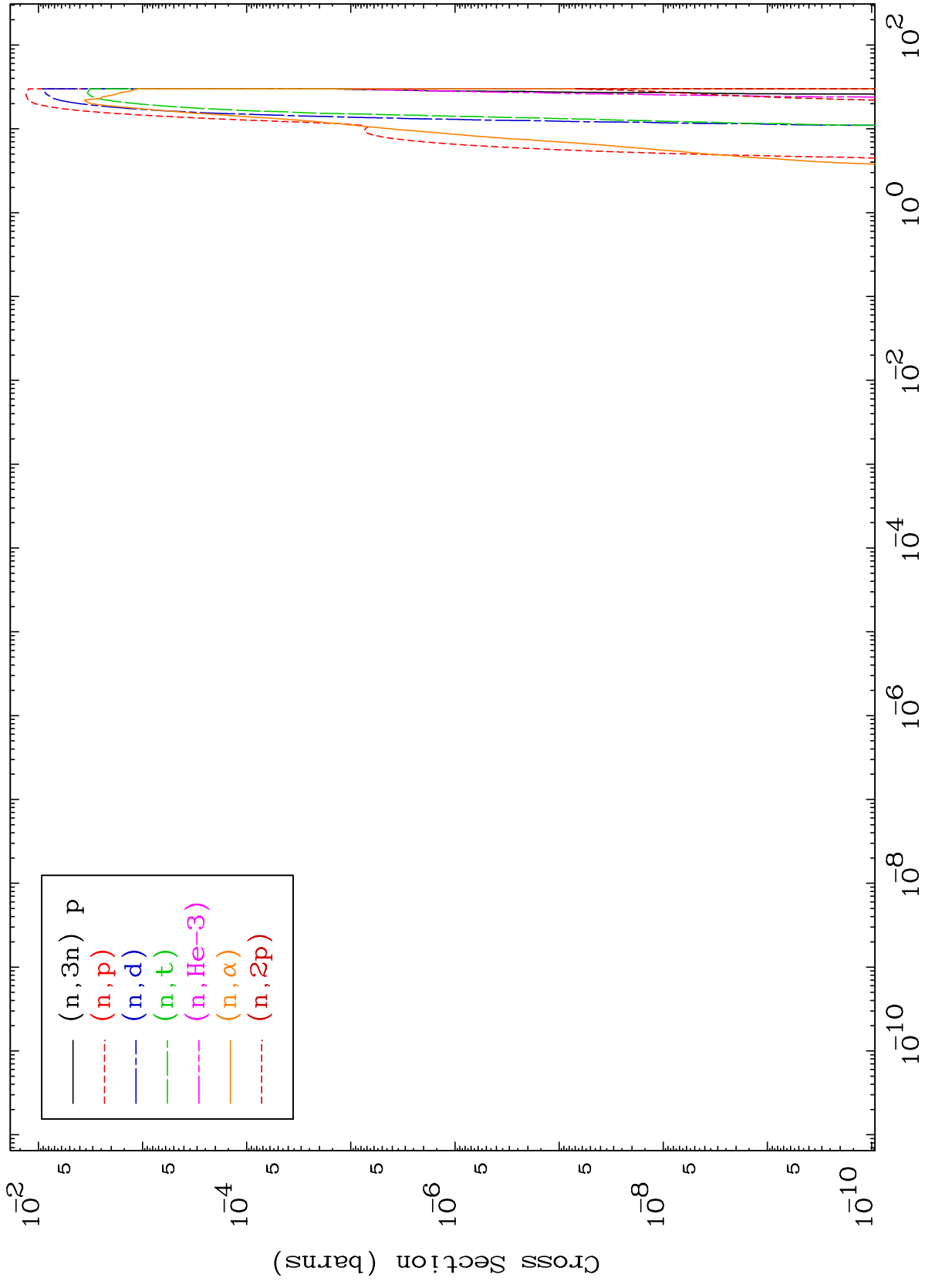
Incident Energy (MeV)

52-Te-133

MAT 5265

293 Kelvin Cross Sections

52-Te-133



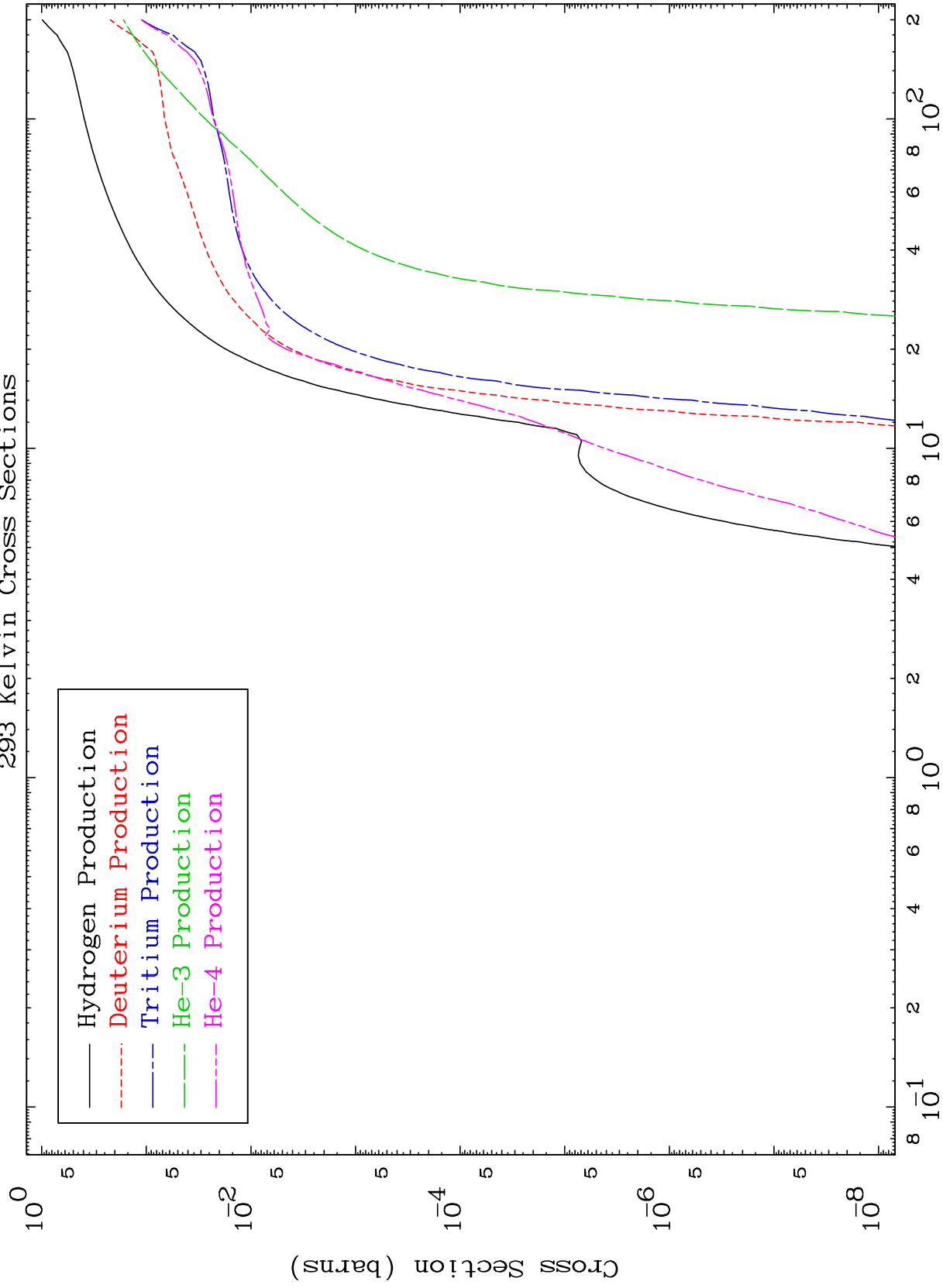
5

52-Te-133

MAT 5265

Particle Production
293 Kelvin Cross Sections

52-Te-133



6

Incident Energy (MeV)

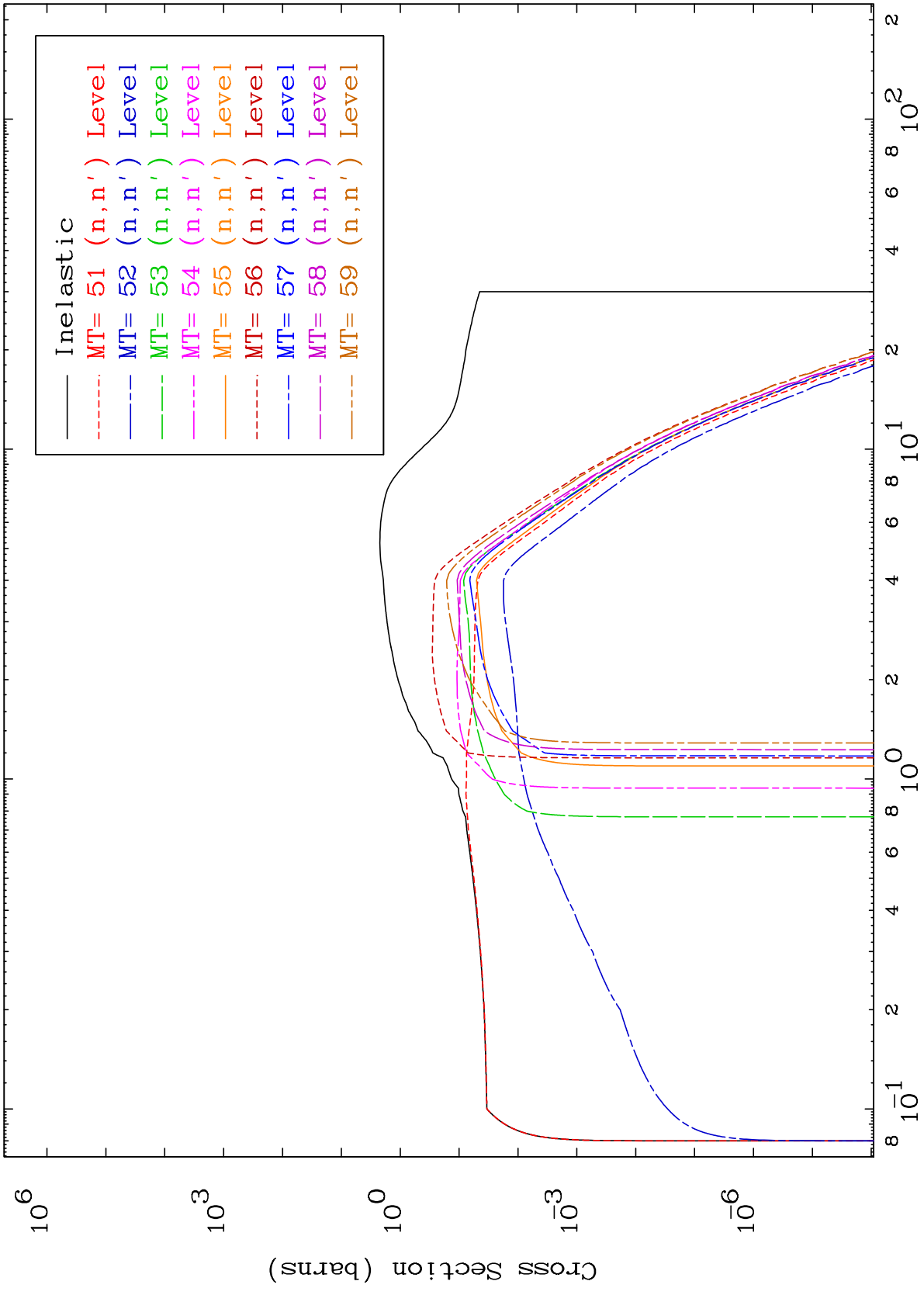
52-Te-133

MAT 5265

(n,n') Level

52-Te-133

293 Kelvin Cross Sections



7

Incident Energy (MeV)

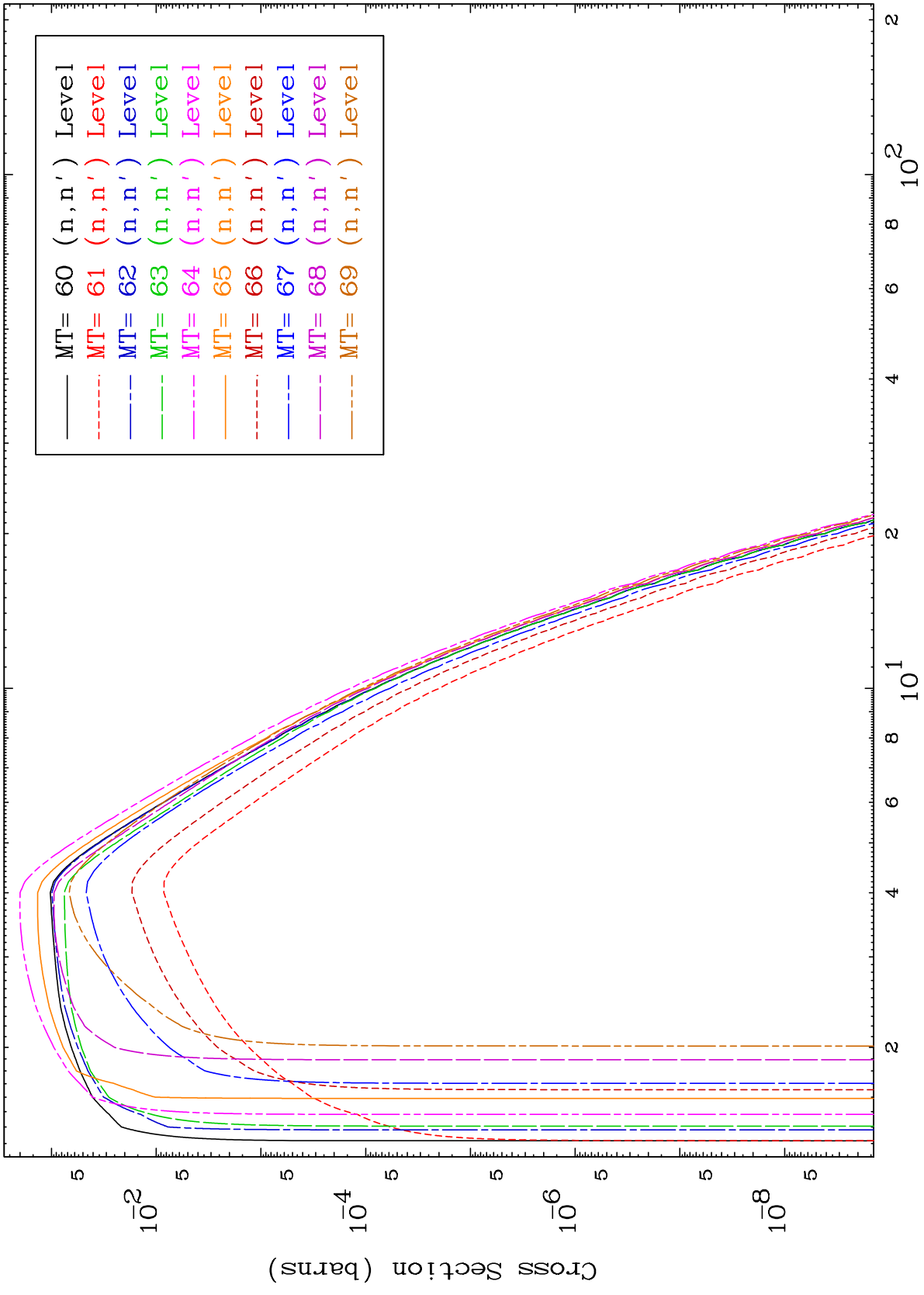
52-Te-133

MAT 5265

(n,n') Level

52-Te-133

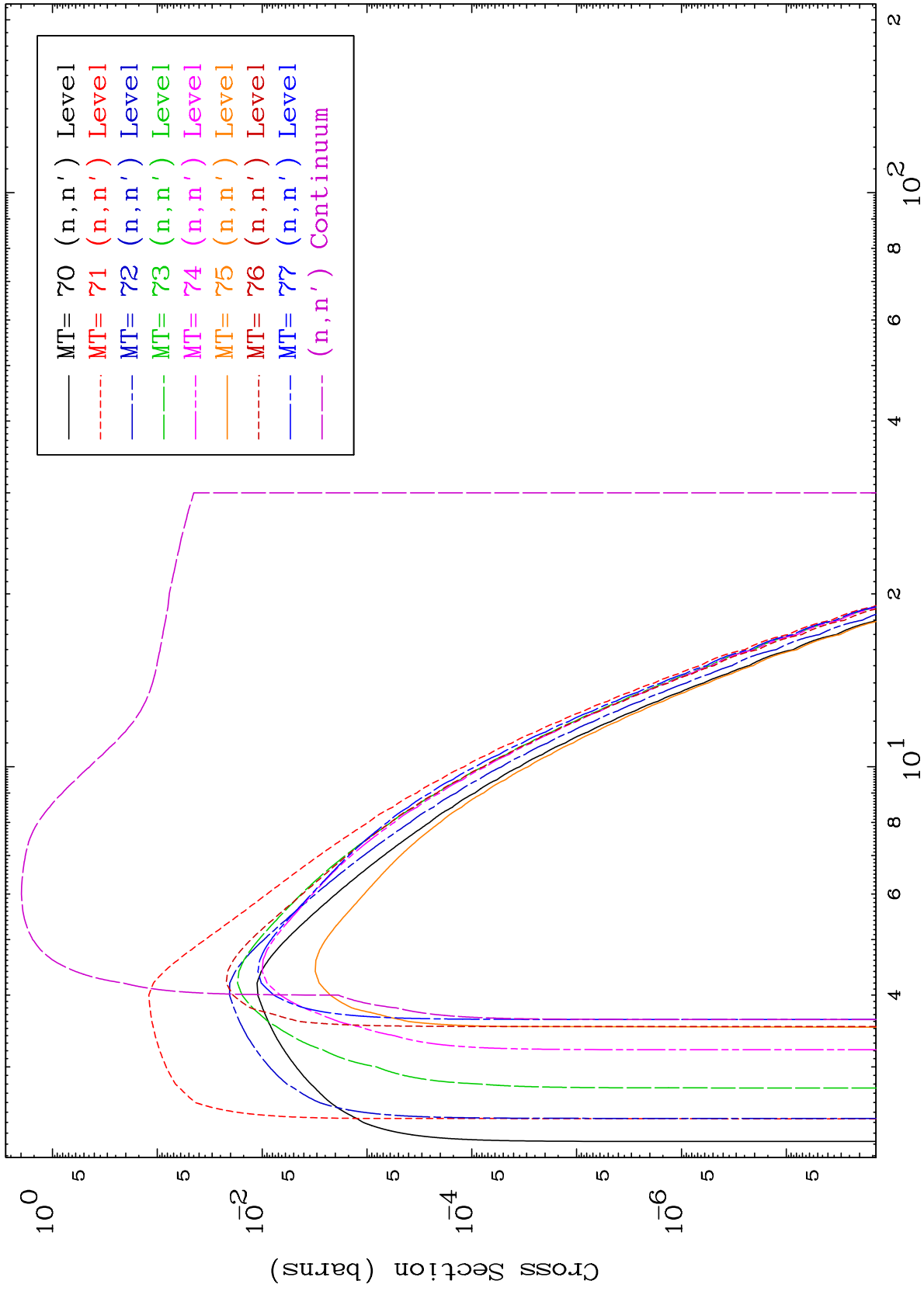
293 Kelvin Cross Sections



8

Incident Energy (MeV)

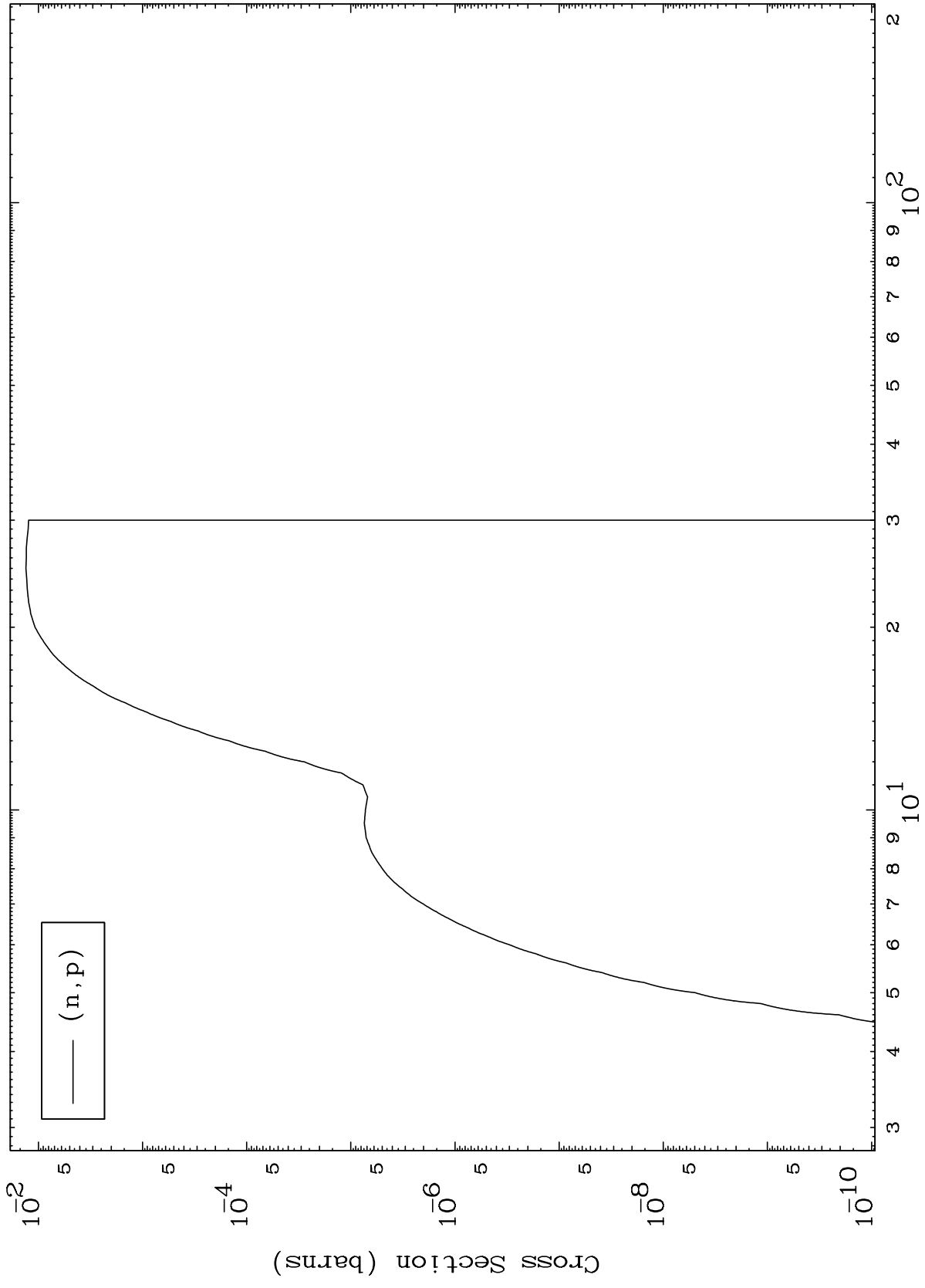
52-Te-133



MAT 5265

(n,p) Levels
293 Kelvin Cross Sections

52-Te-133



10

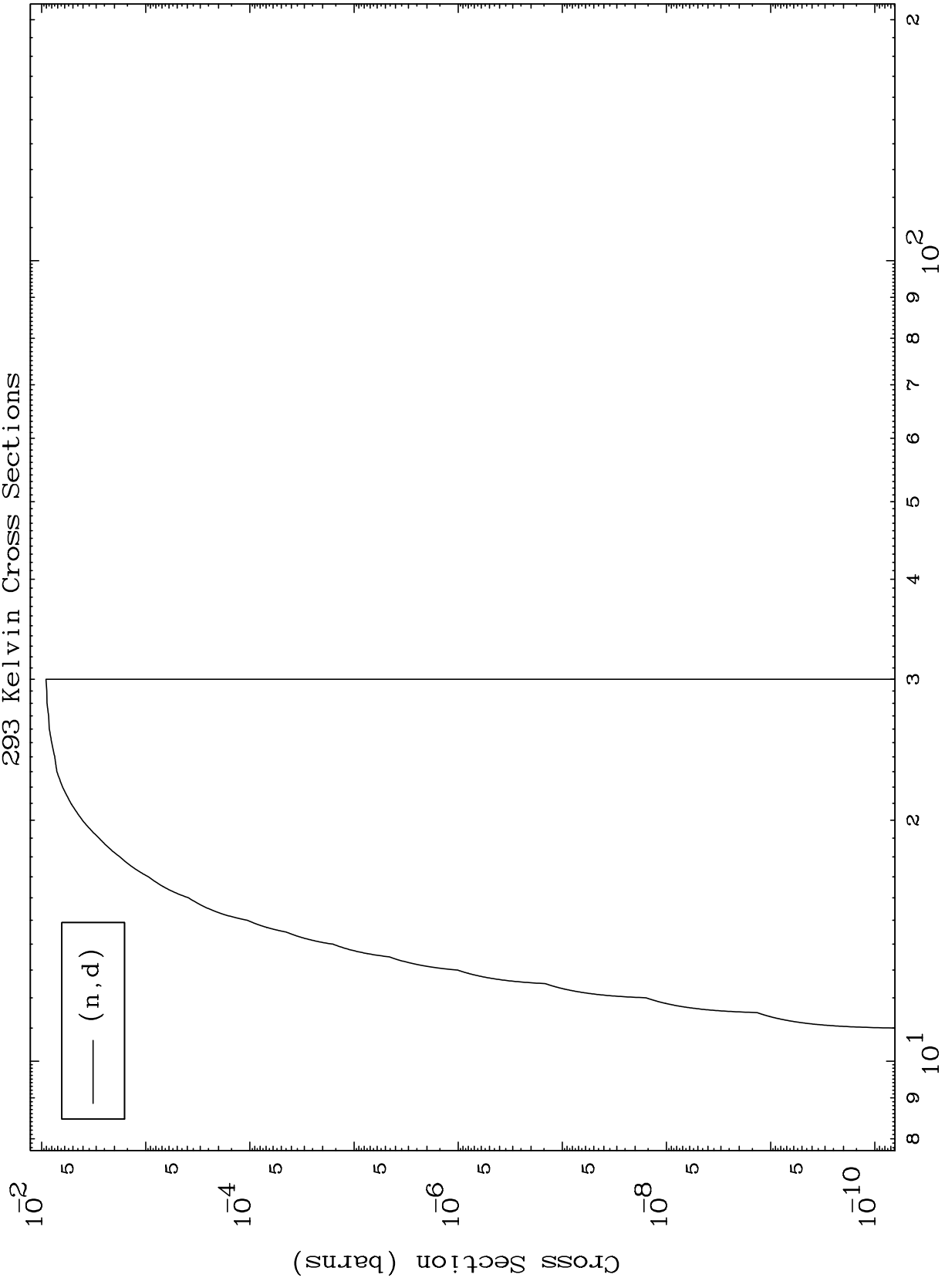
Incident Energy (MeV)

52-Te-133

MAT 5265

(n,d) Levels
293 Kelvin Cross Sections

52-Te-133



11

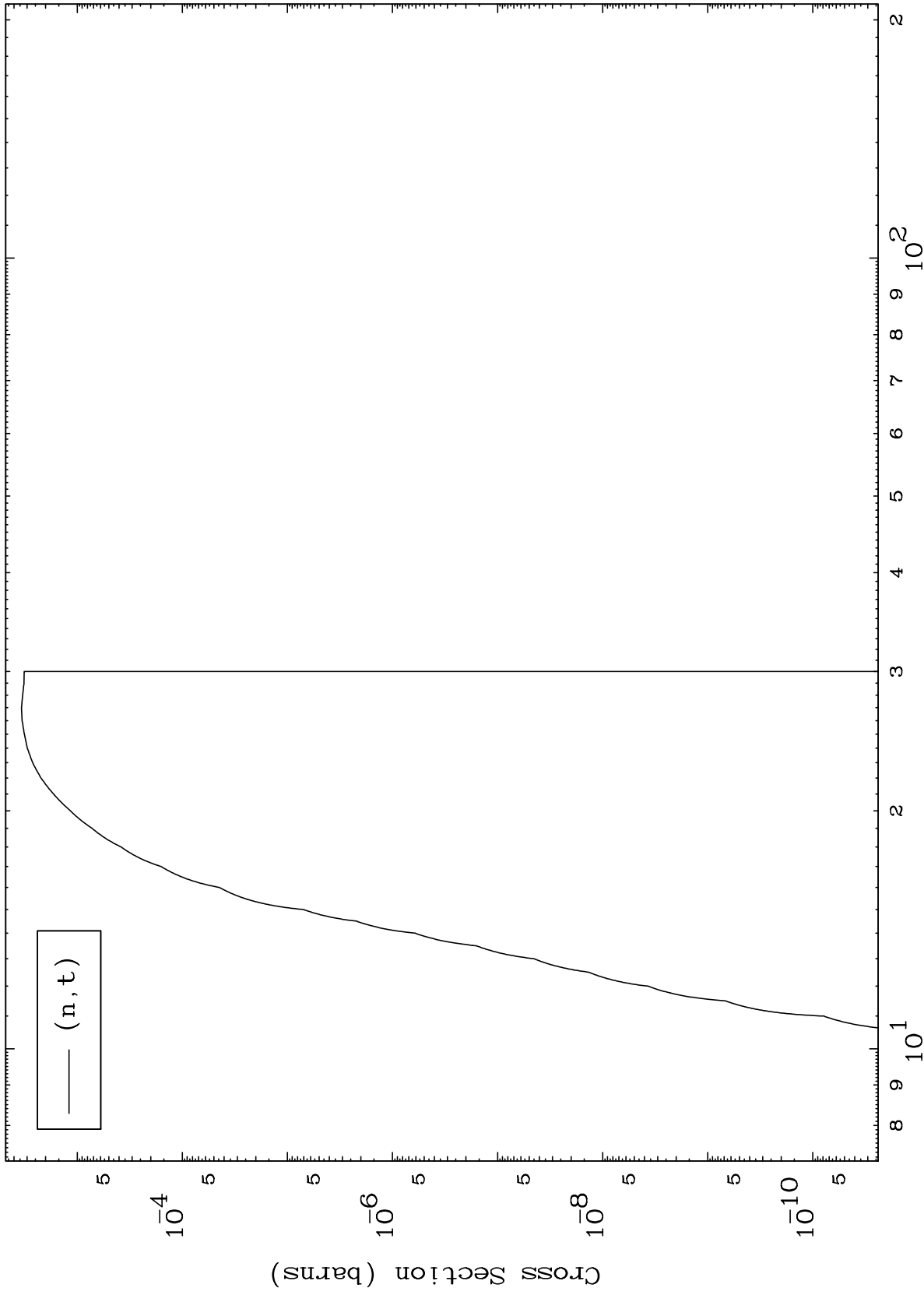
Incident Energy (MeV)

52-Te-133

MAT 5265

(n,t) Levels
293 Kelvin Cross Sections

52-Te-133



12

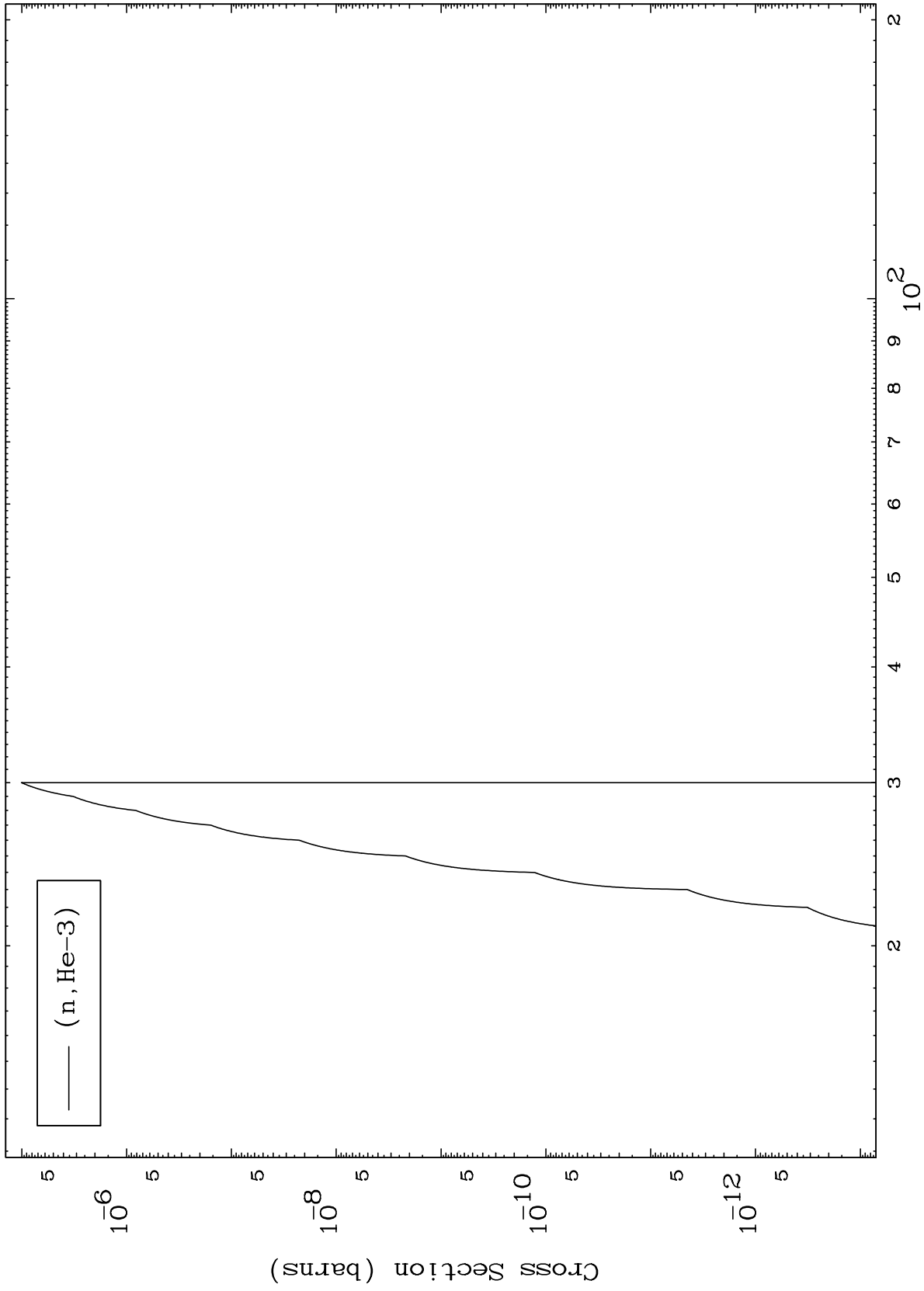
Incident Energy (MeV)

52-Te-133

MAT 5265

(n,He3) Levels
293 Kelvin Cross Sections

52-Te-133



13

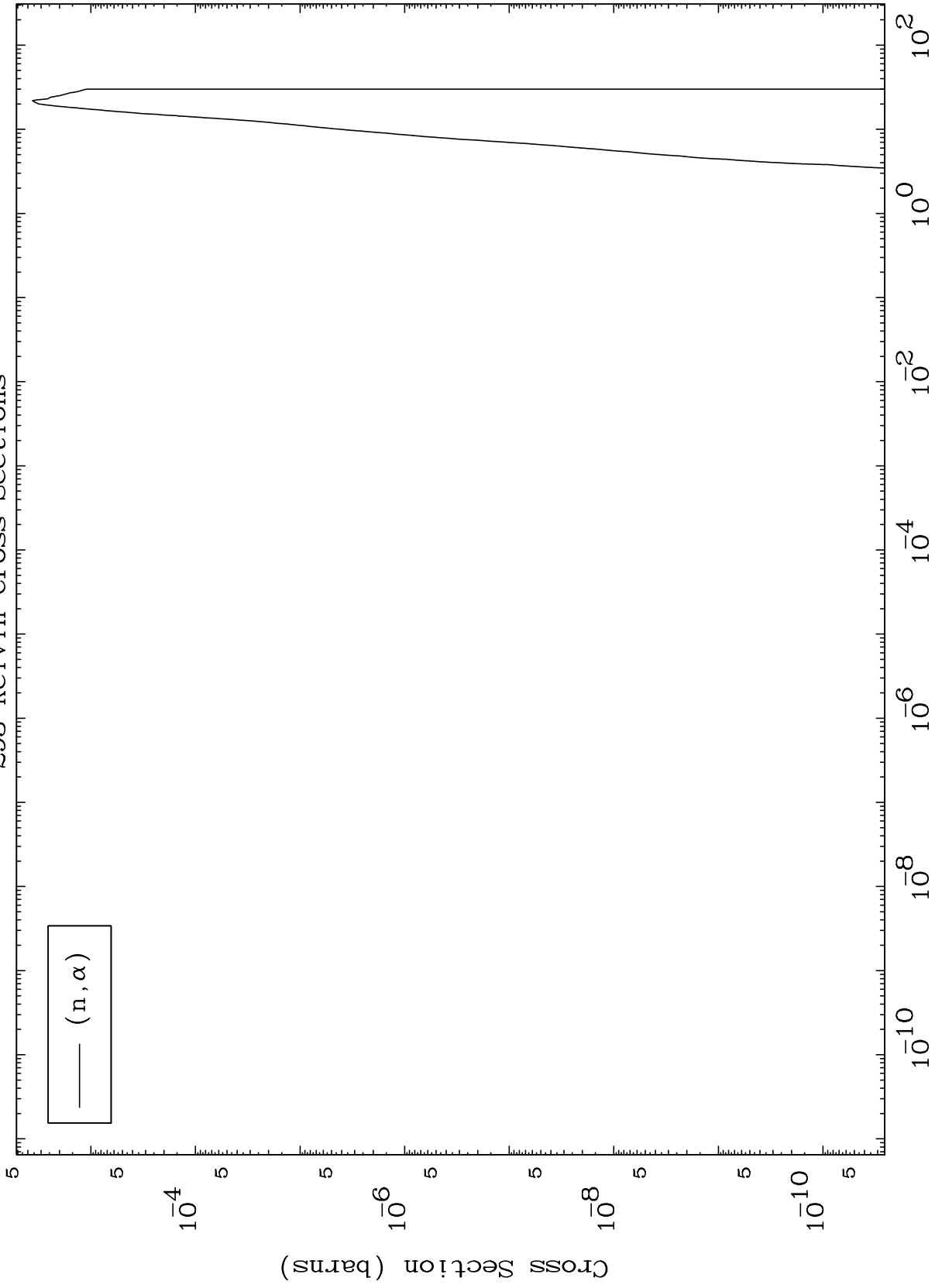
Incident Energy (MeV)

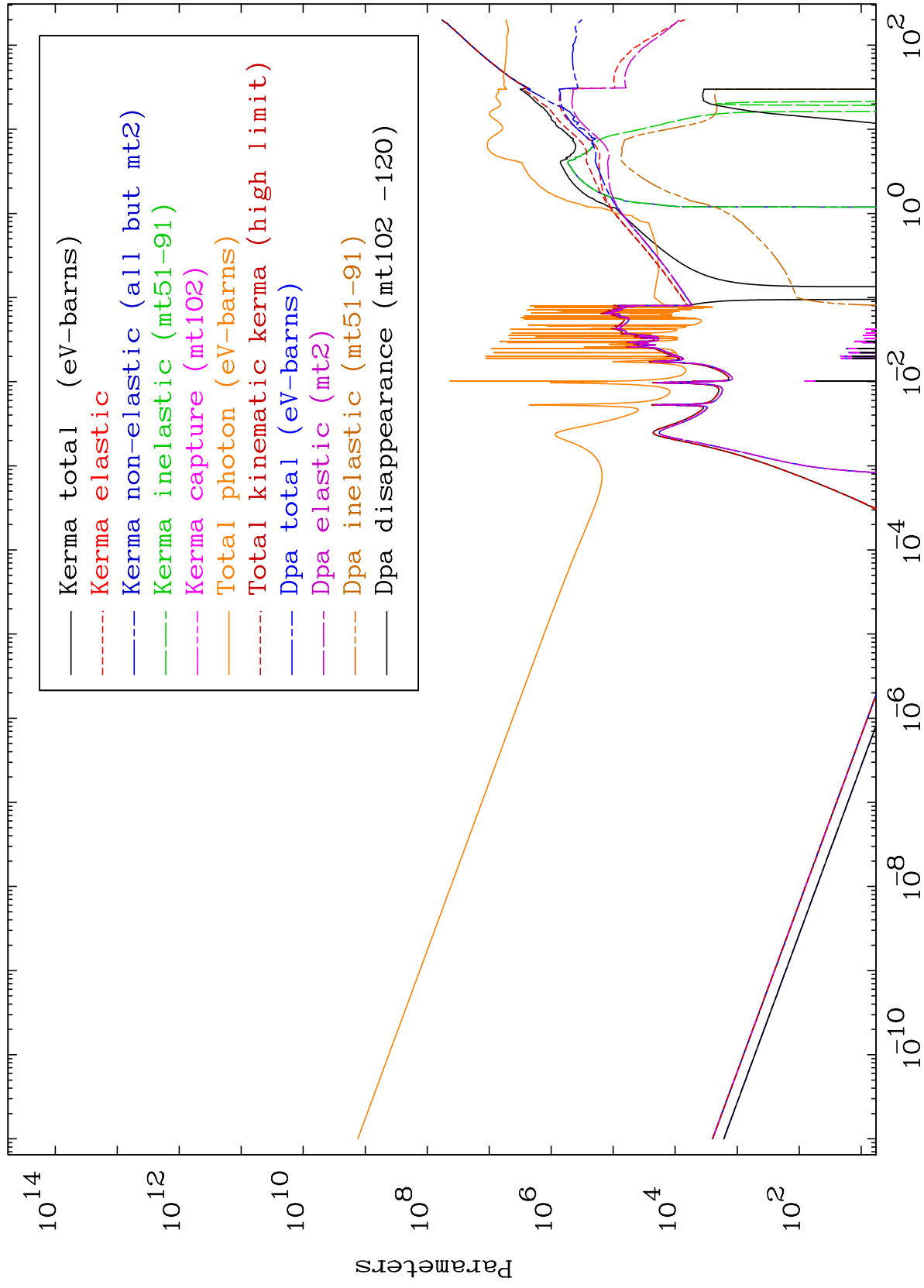
52-Te-133

MAT 5265

(n,α) Levels
293 Kelvin Cross Sections

52-Te-133

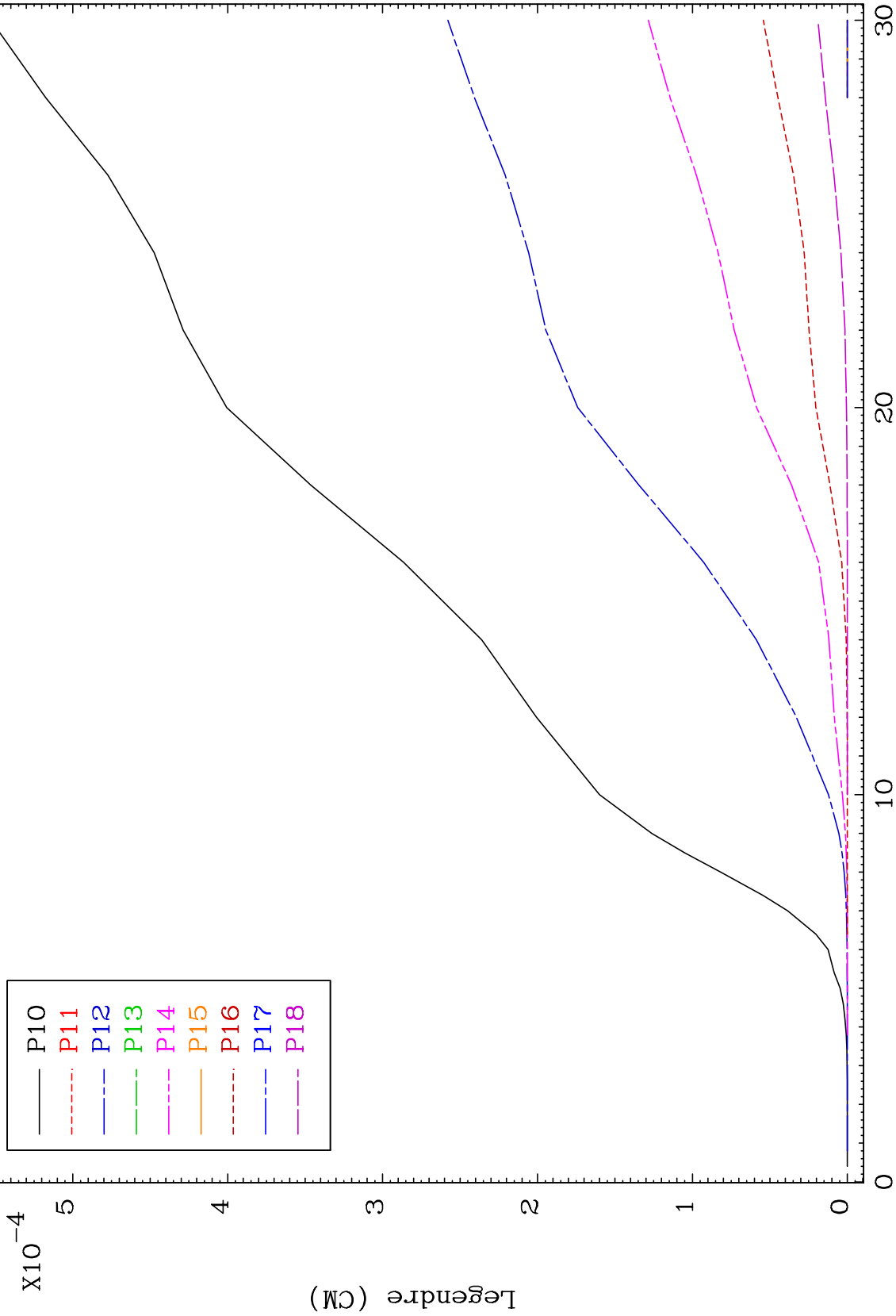
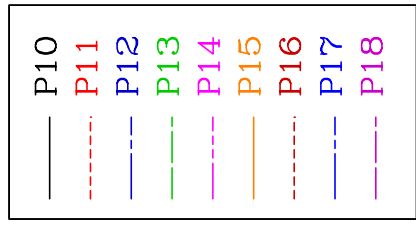




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Elastic Legendre Coefficients

52-Te-133



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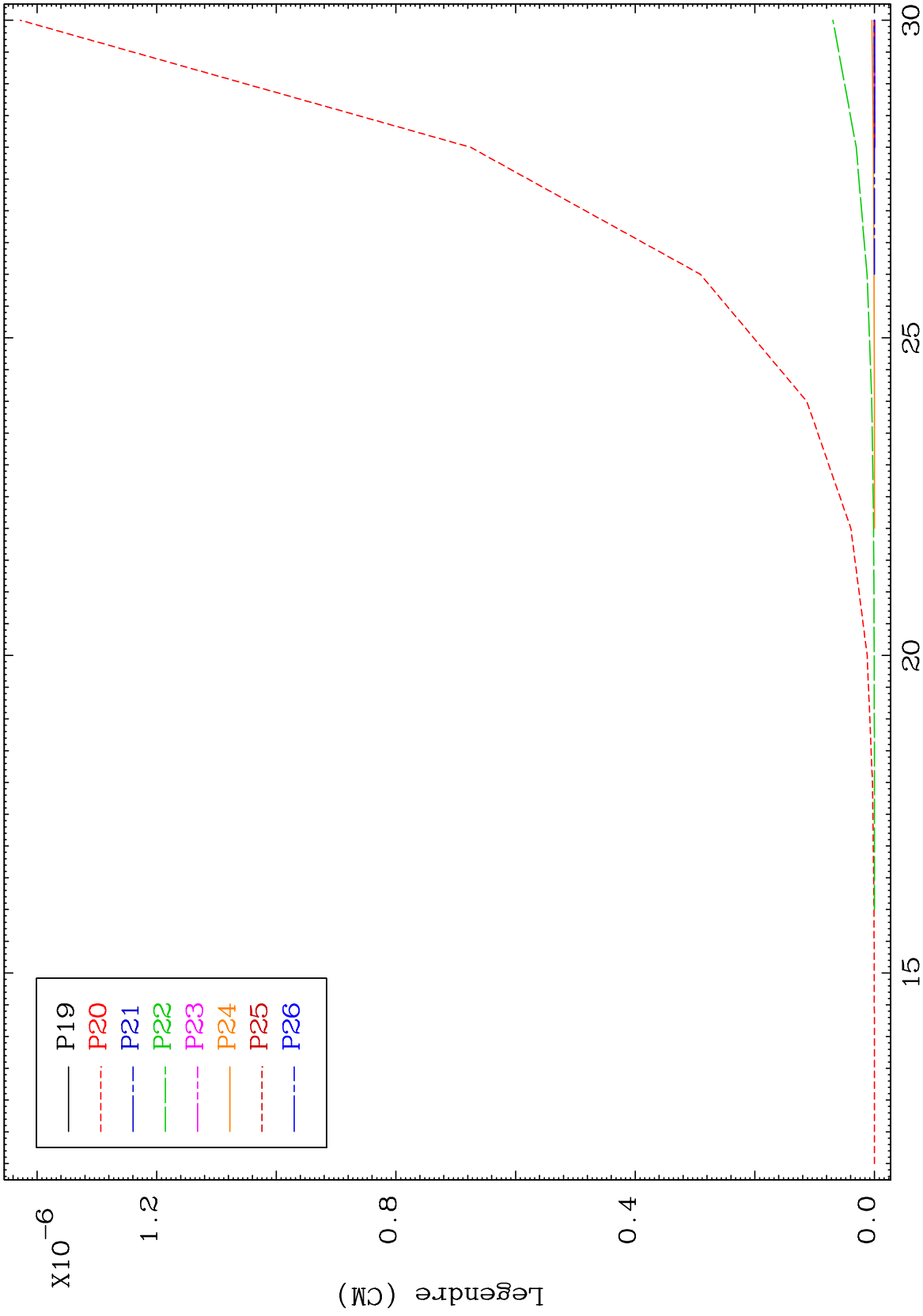
Incident Energy (MeV)

52-Te-133

MAT 5265

Elastic Legendre Coefficients

52-Te-133



18

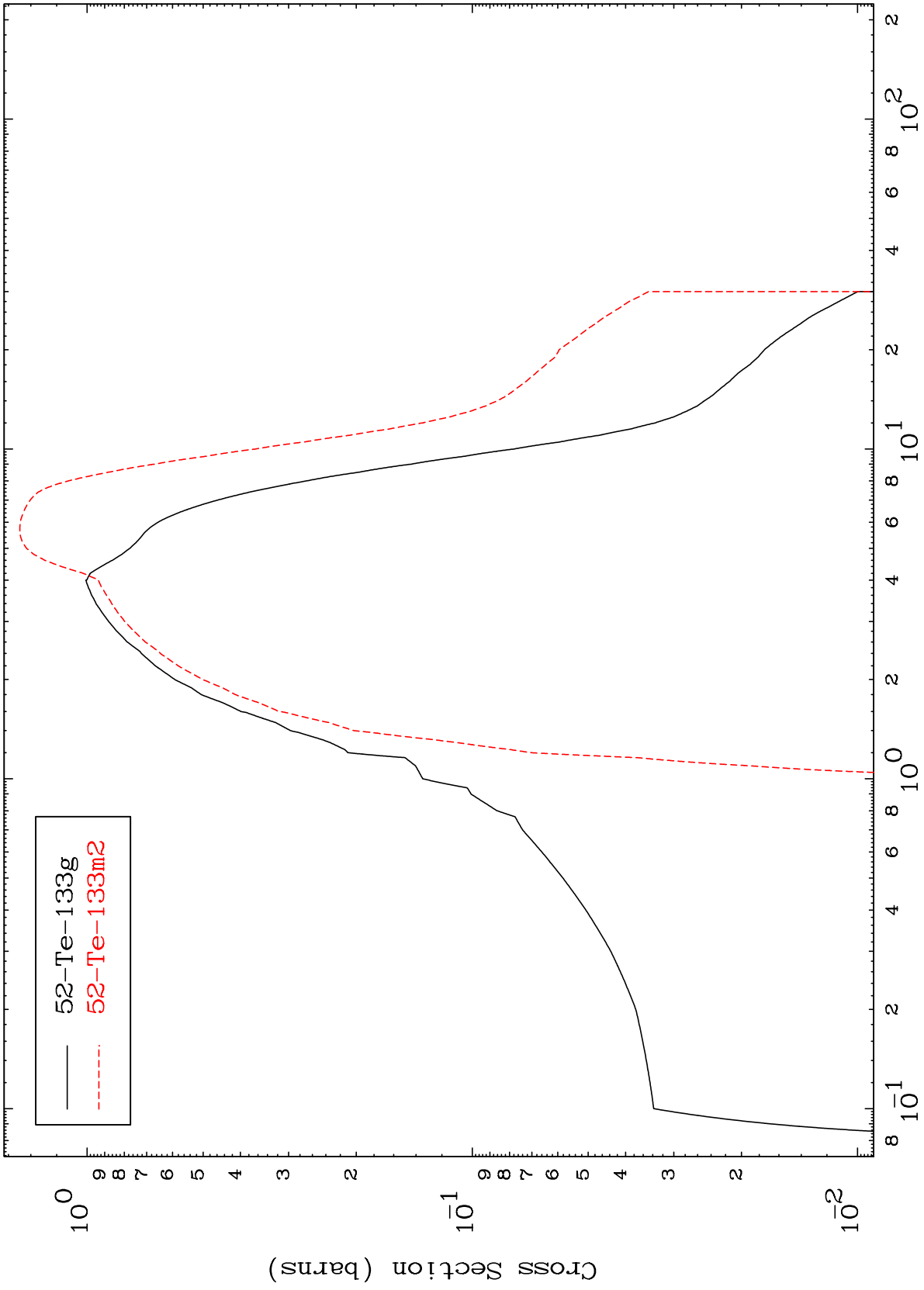
Incident Energy (MeV)

52-Te-133

MAT 5265

52-Te-133

Inelastic
Radionuclide Production Cross Section



52-Te-133

Incident Energy (MeV)

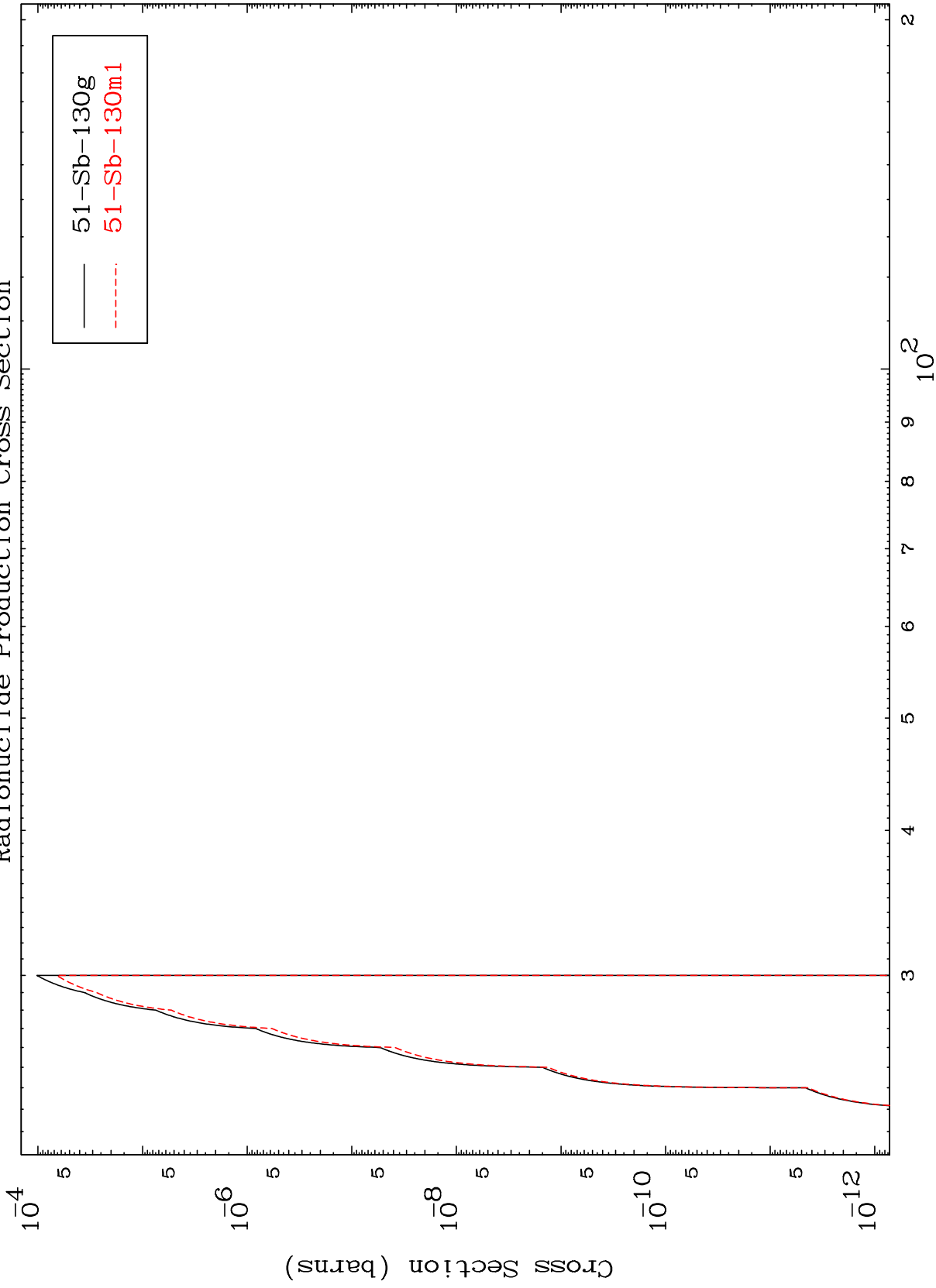
19

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(n,2n) d

52-Te-133

Radionuclide Production Cross Section



20

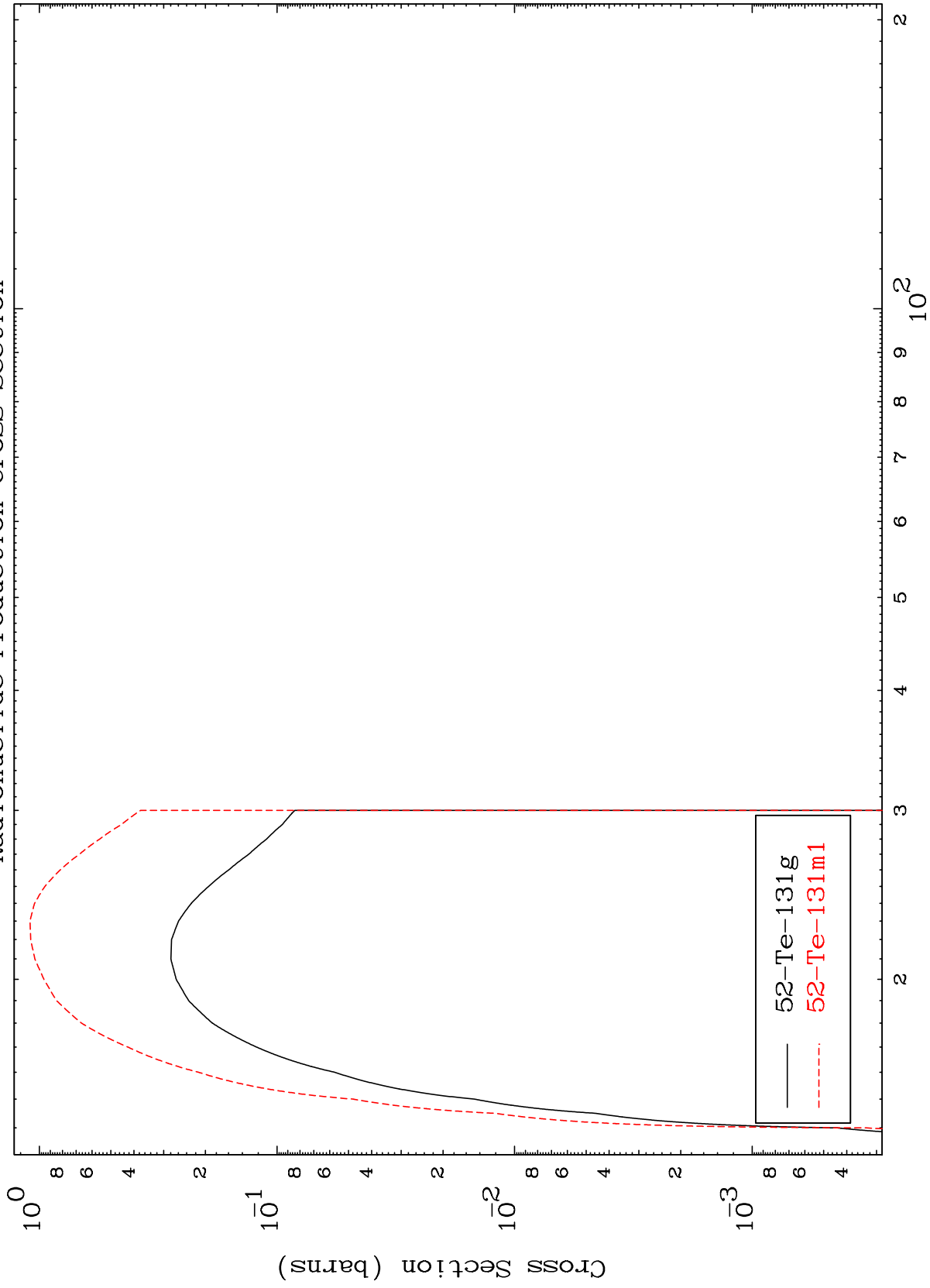
Incident Energy (MeV)

52-Te-133

MAT 5265

52-Te-133

(n,3n)
Radionuclide Production Cross Section



21

Incident Energy (MeV)

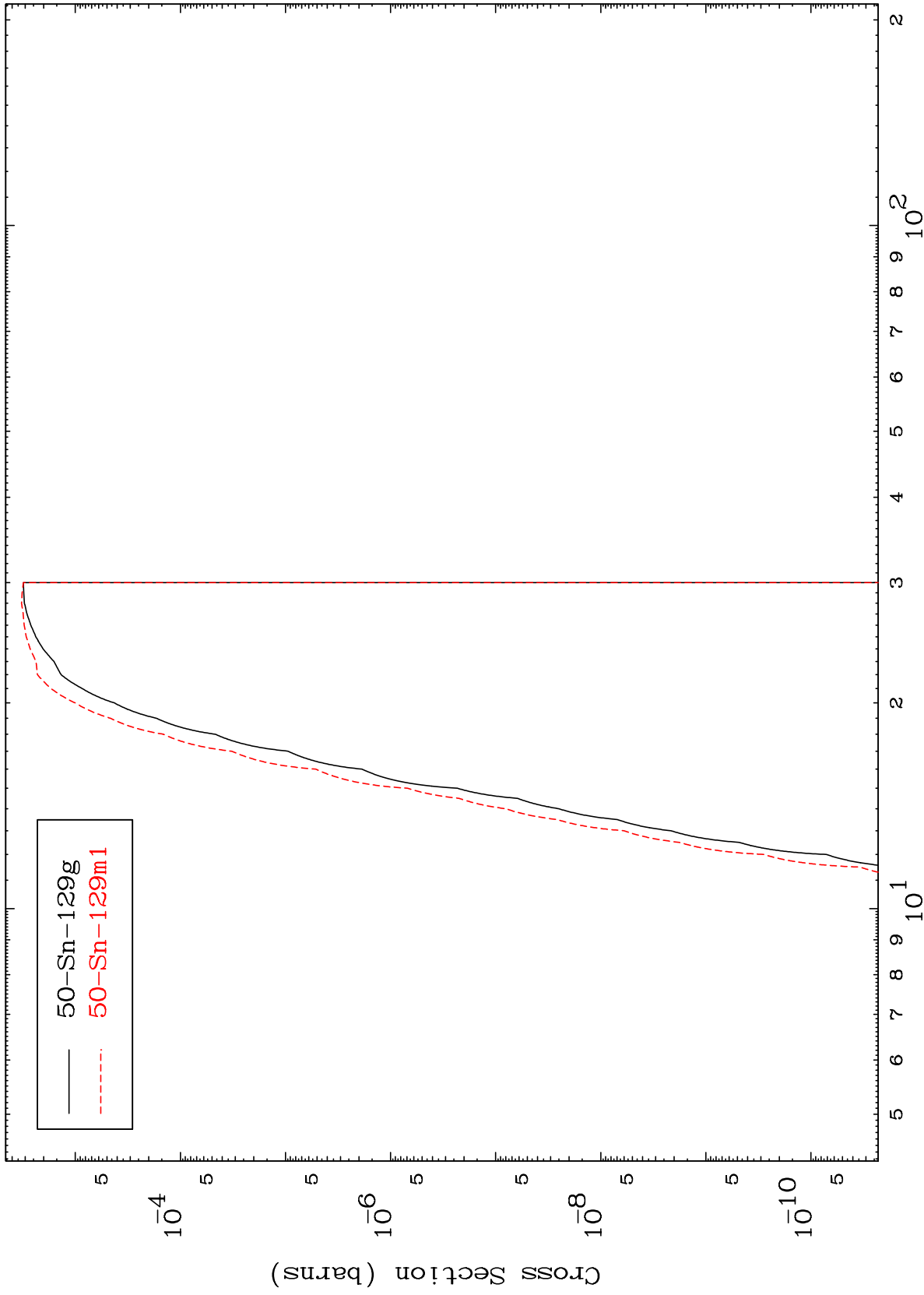
52-Te-133

MAT 5265

(n,n') α

52-Te-133

Radionuclide Production Cross Section



22

Incident Energy (MeV)

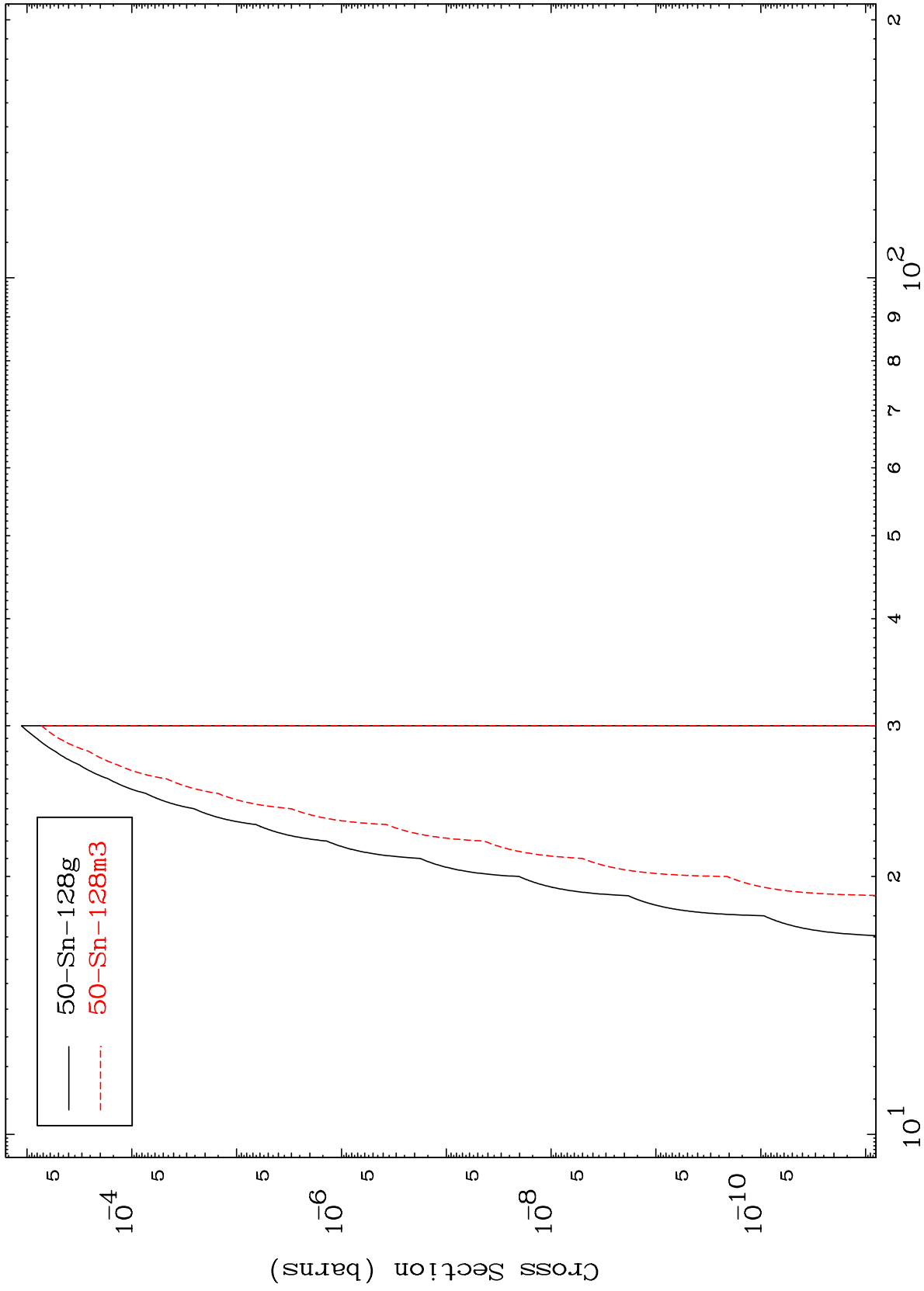
52-Te-133

MAT 5265

(n,2n) α

52-Te-133

Radionuclide Production Cross Section



23

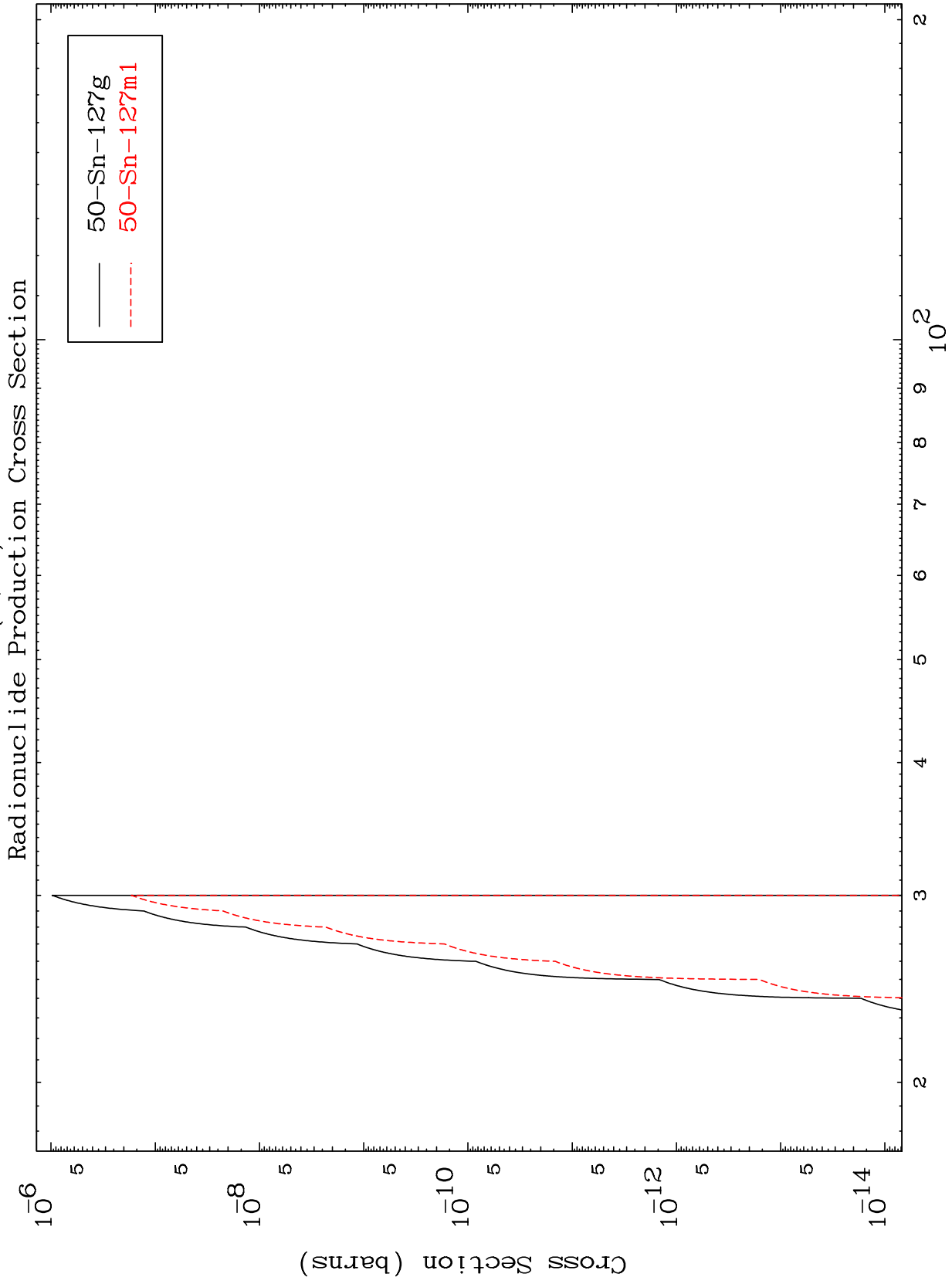
Incident Energy (MeV)

52-Te-133

MAT 5265

(n,3n) α

⁵²Te-133



24

Incident Energy (MeV)

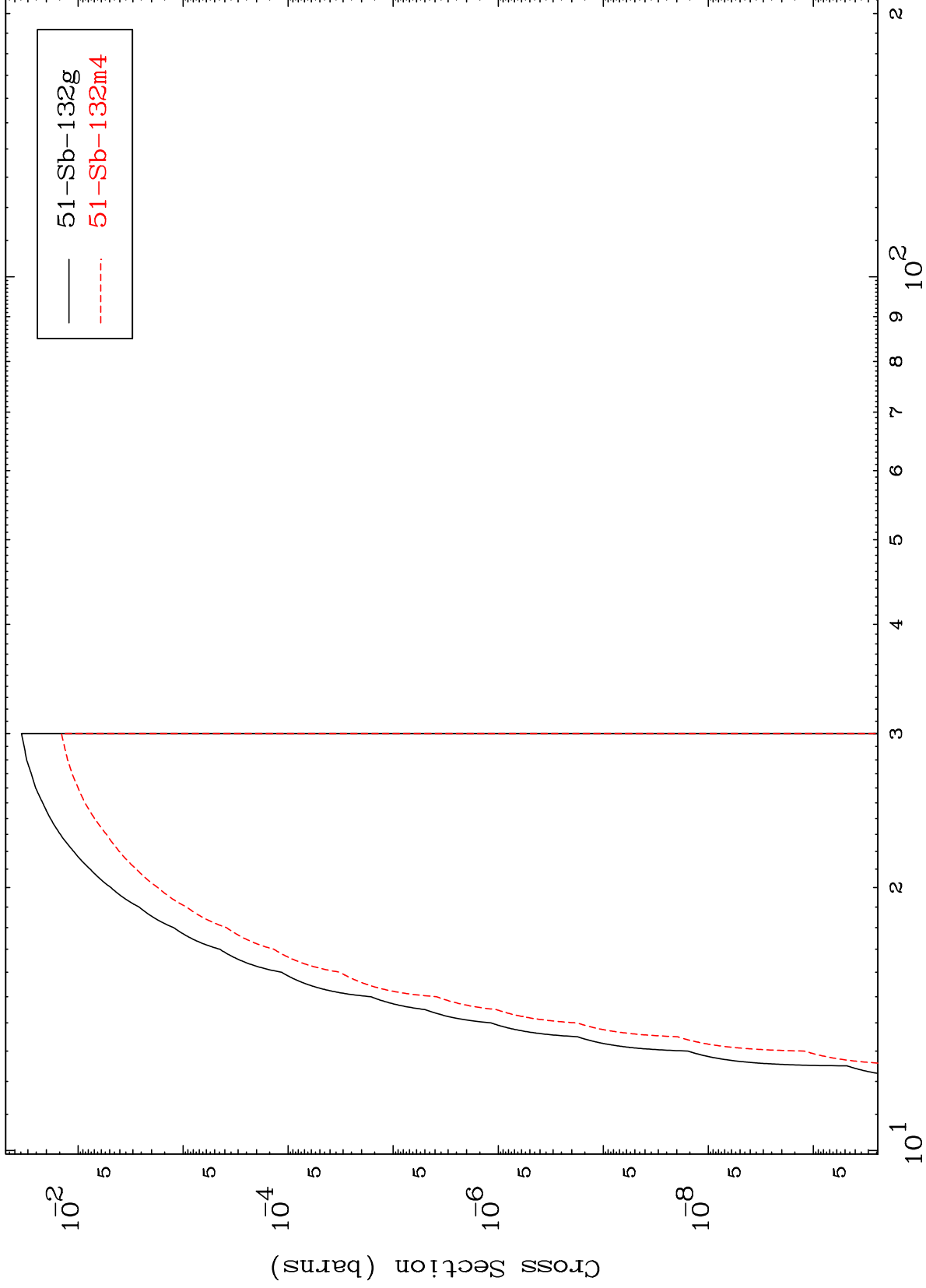
⁵²Te-133

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(n,n') p

52-Te-133

Radionuclide Production Cross Section



25

Incident Energy (MeV)

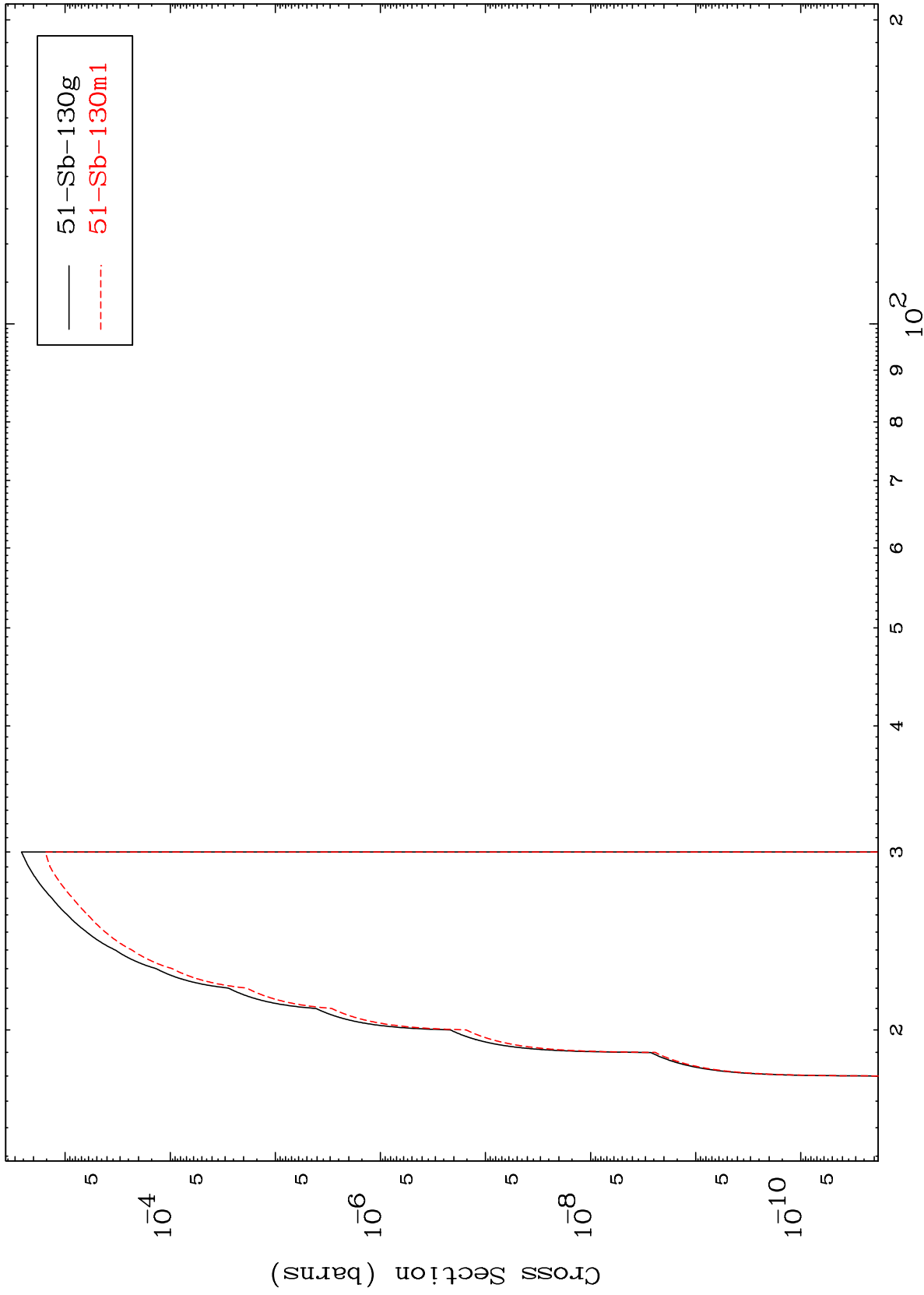
52-Te-133

MAT 5265

(n,n') t

52-Te-133

Radionuclide Production Cross Section



26

Incident Energy (MeV)

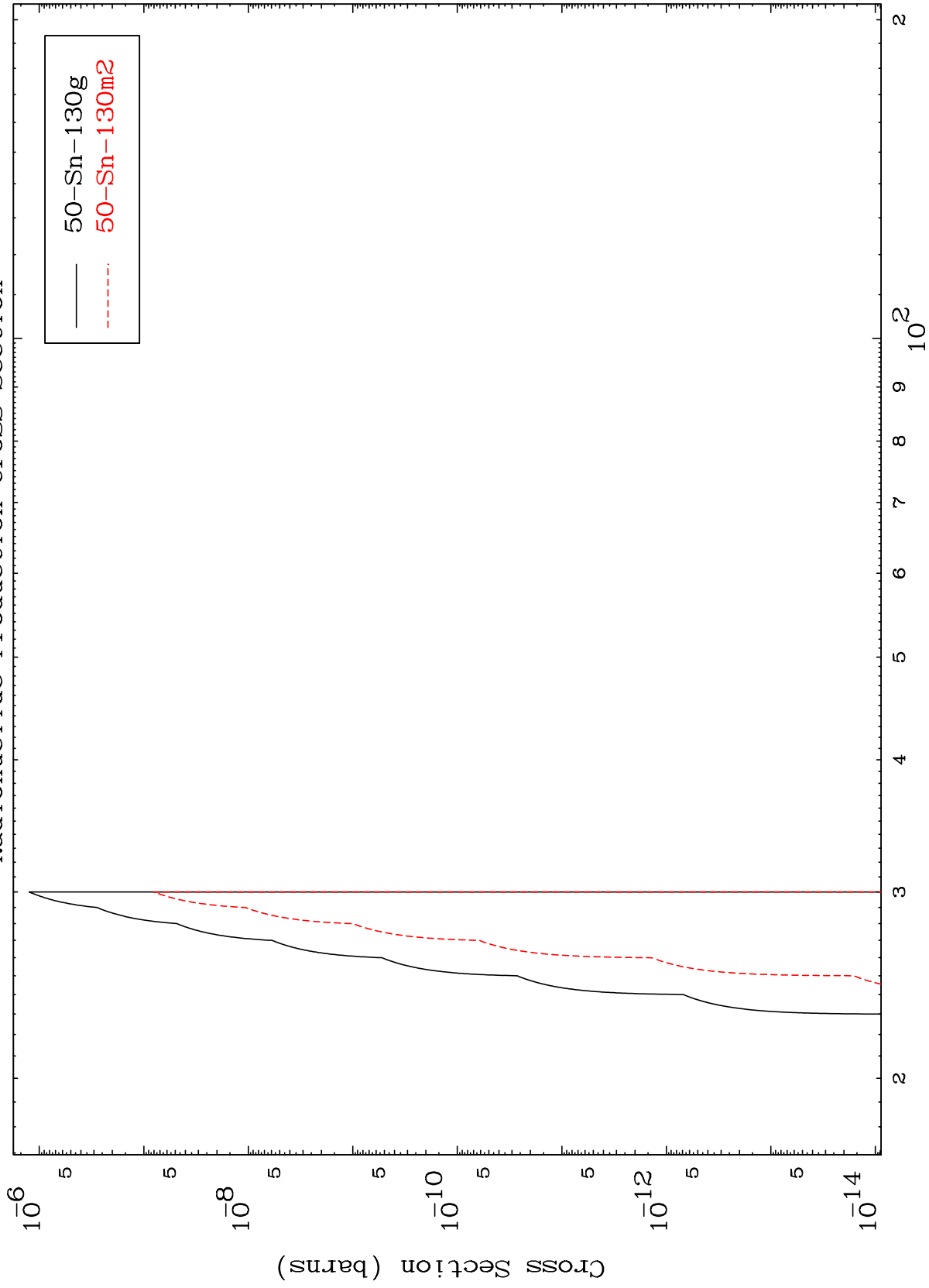
52-Te-133

MAT 5265

(n, n') He-3

52-Te-133

Radionuclide Production Cross Section



27

Incident Energy (MeV)

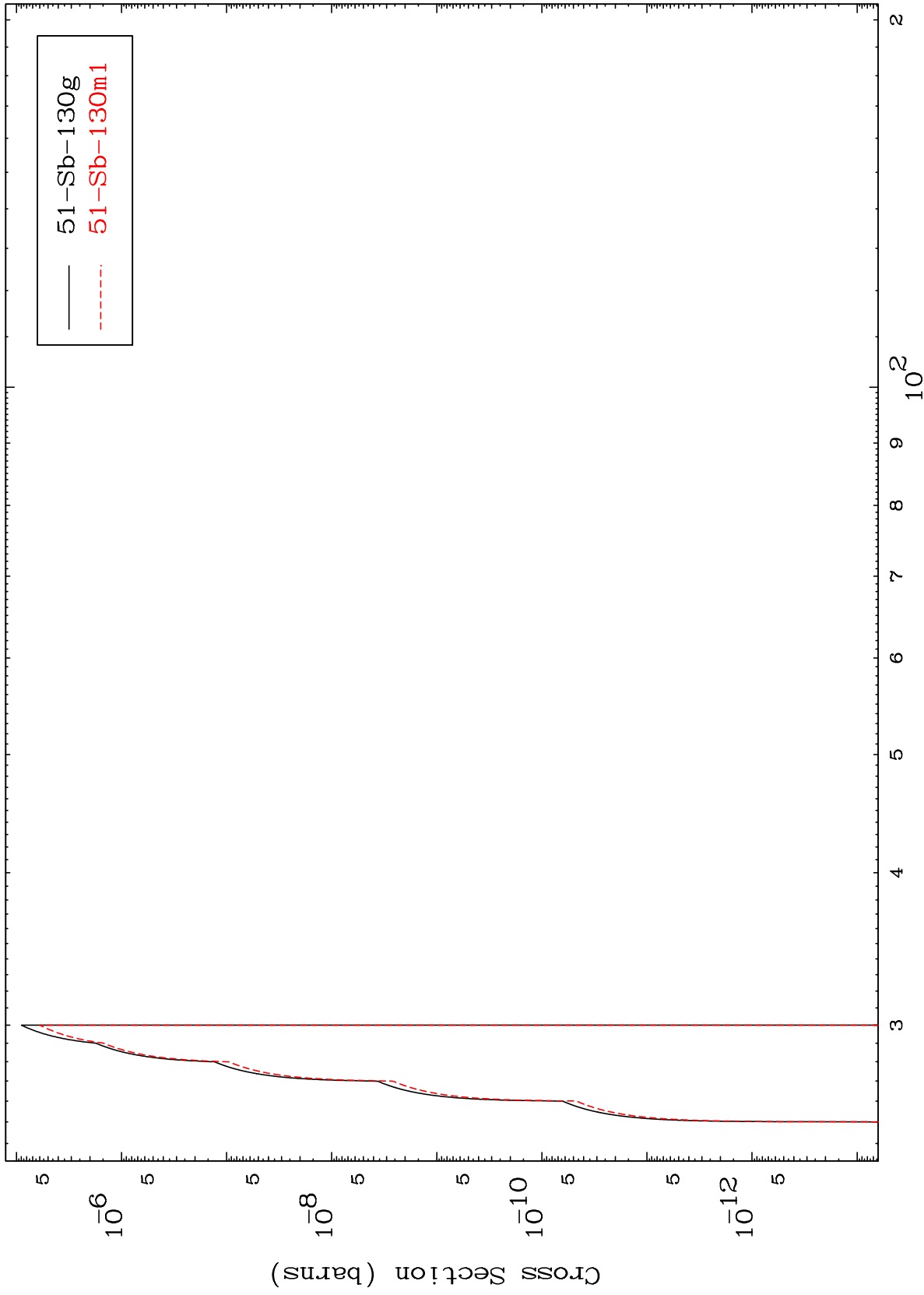
52-Te-133

MAT 5265

(n,3n) p

52-Te-133

Radionuclide Production Cross Section



28

Incident Energy (MeV)

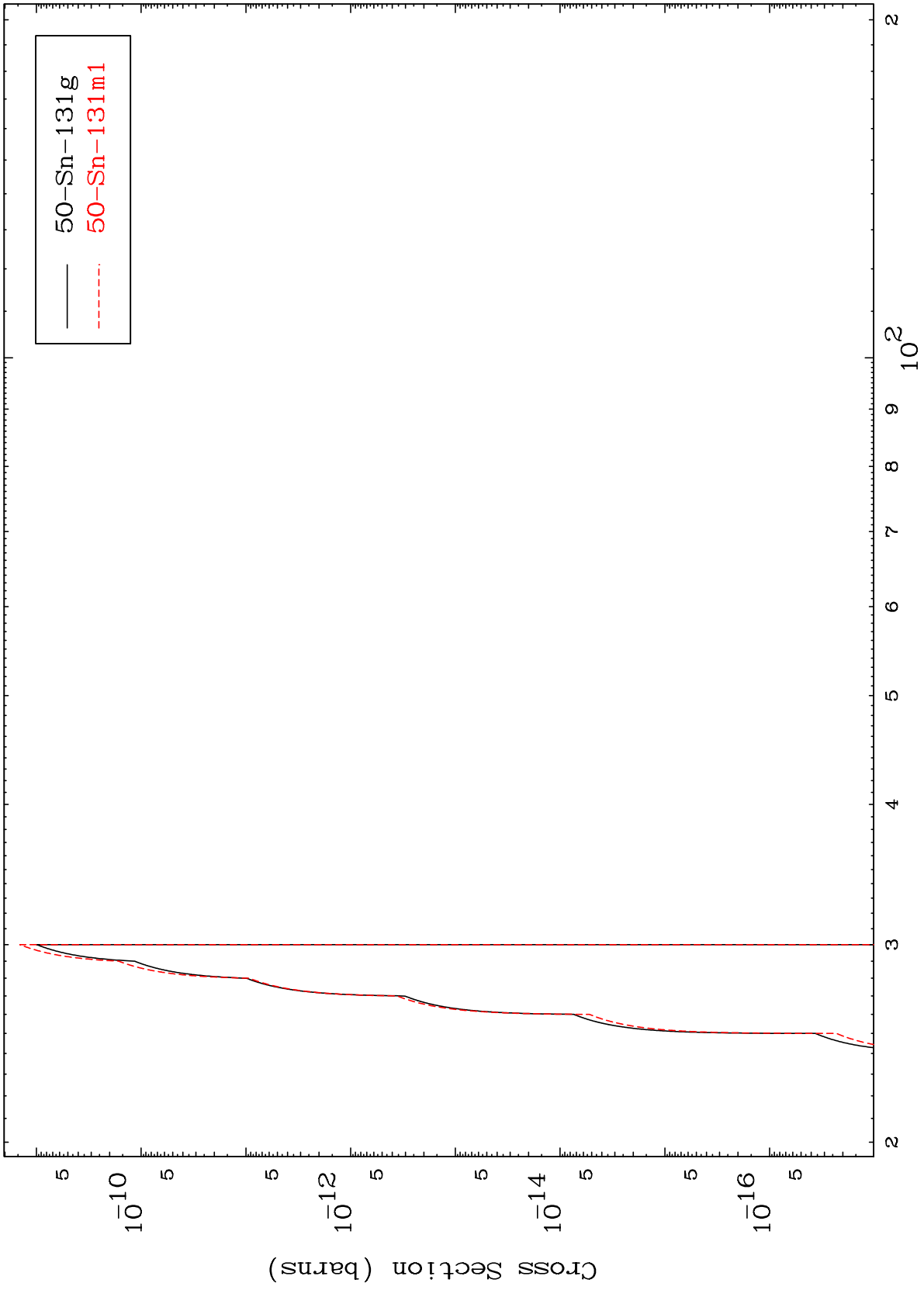
52-Te-133

MAT 5265

(n,2n) p

⁵²Te-133

Radionuclide Production Cross Section



29

Incident Energy (MeV)

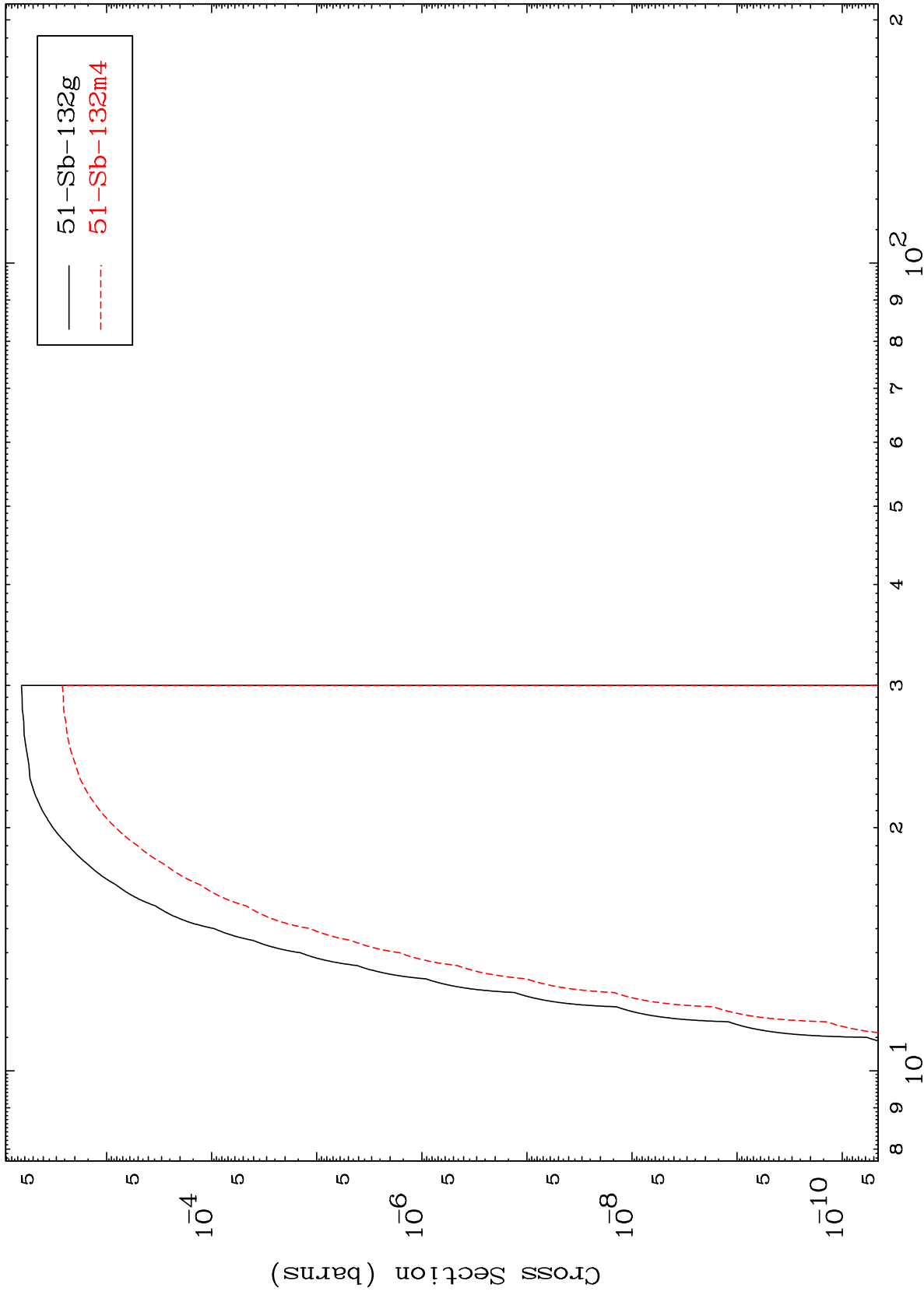
⁵²Te-133

MAT 5265

(n,d)

⁵²Te-133

Radionuclide Production Cross Section



30

Incident Energy (MeV)

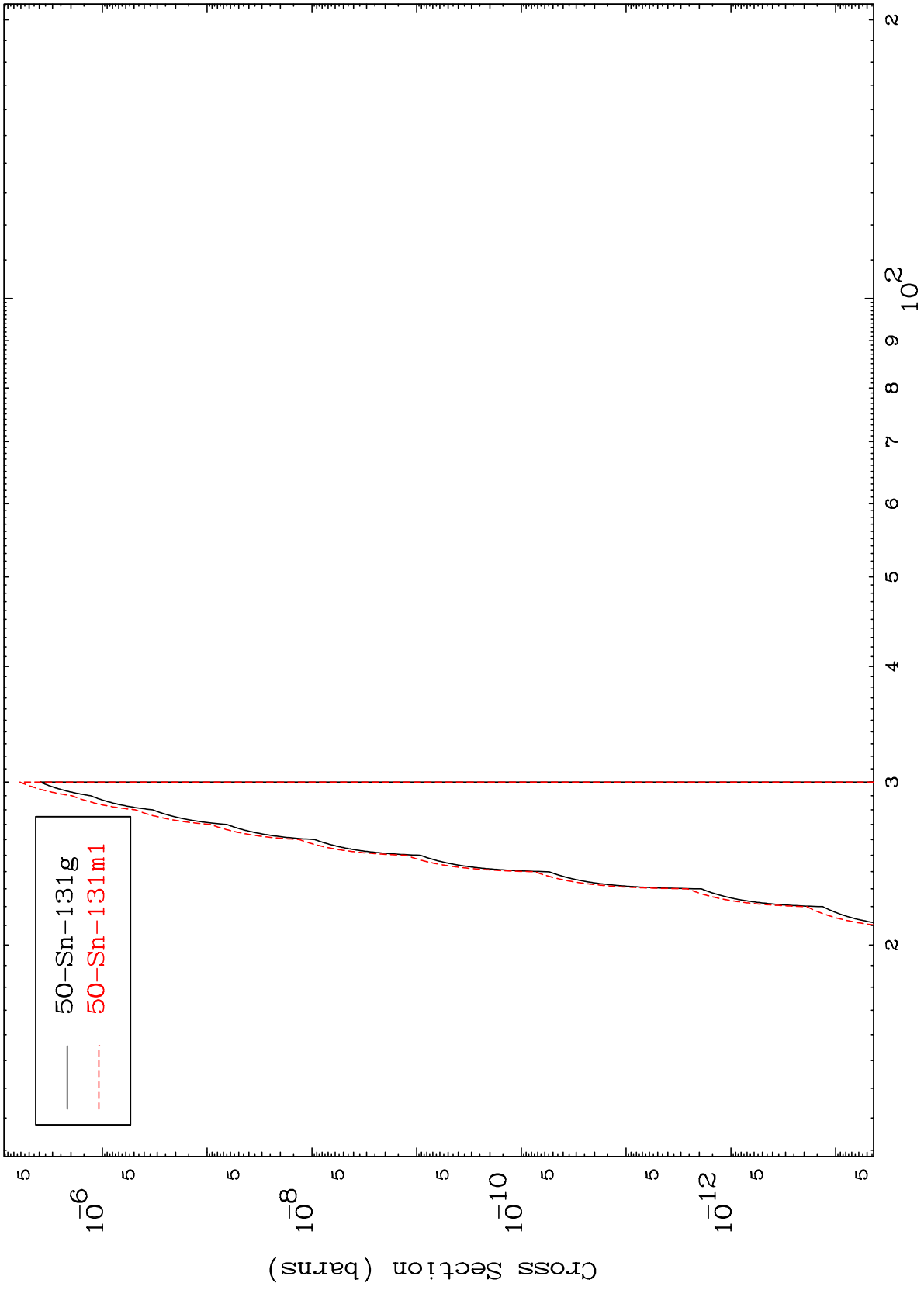
⁵²Te-133

MAT 5265

(n, He-3)

52-Te-133

Radionuclide Production Cross Section



31

Incident Energy (MeV)

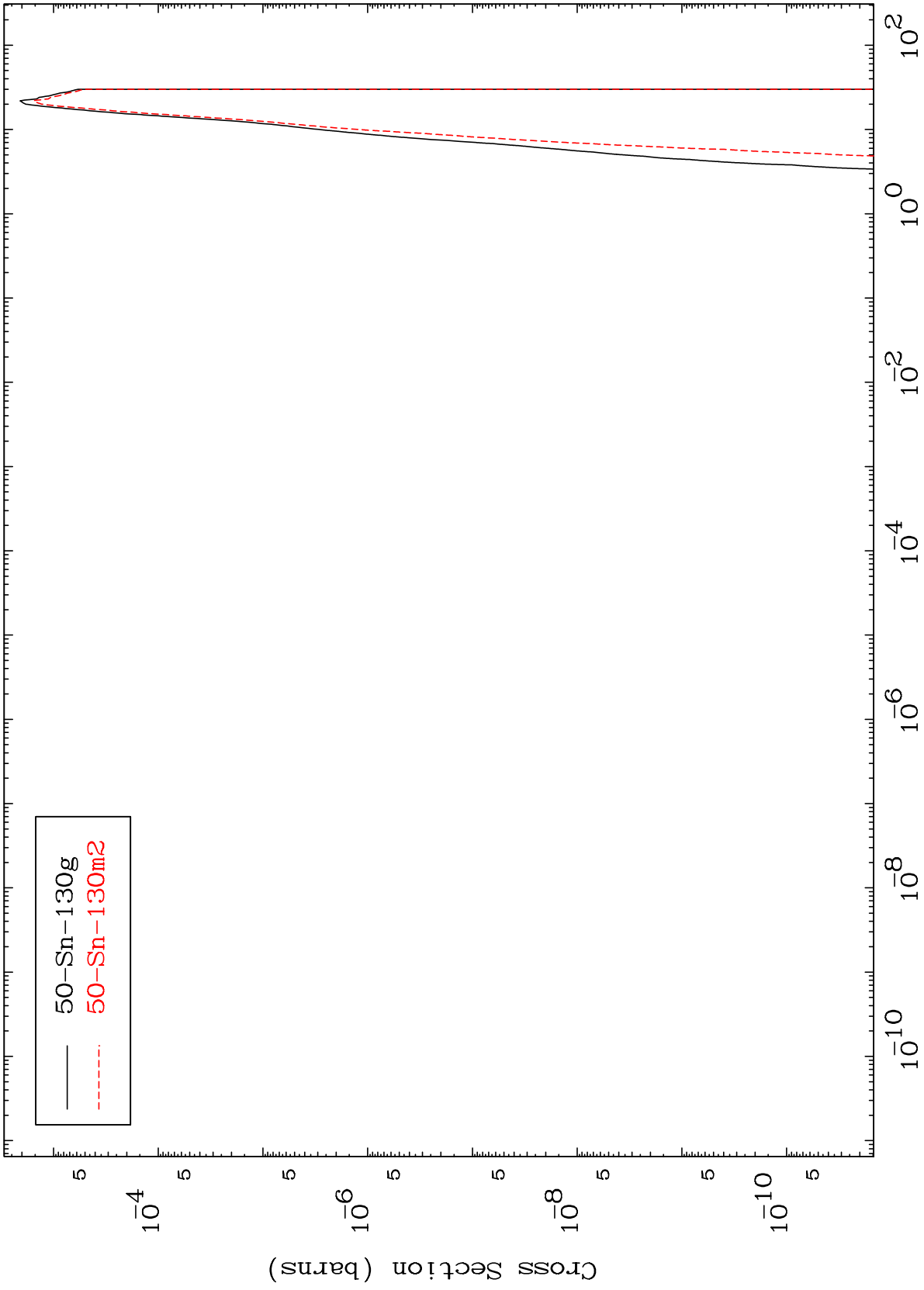
52-Te-133

MAT 5265

(n, α)

52-Te-133

Radionuclide Production Cross Section



32

Incident Energy (MeV)

52-Te-133