

Program EVALPLOT
(Version 2018-1)

by

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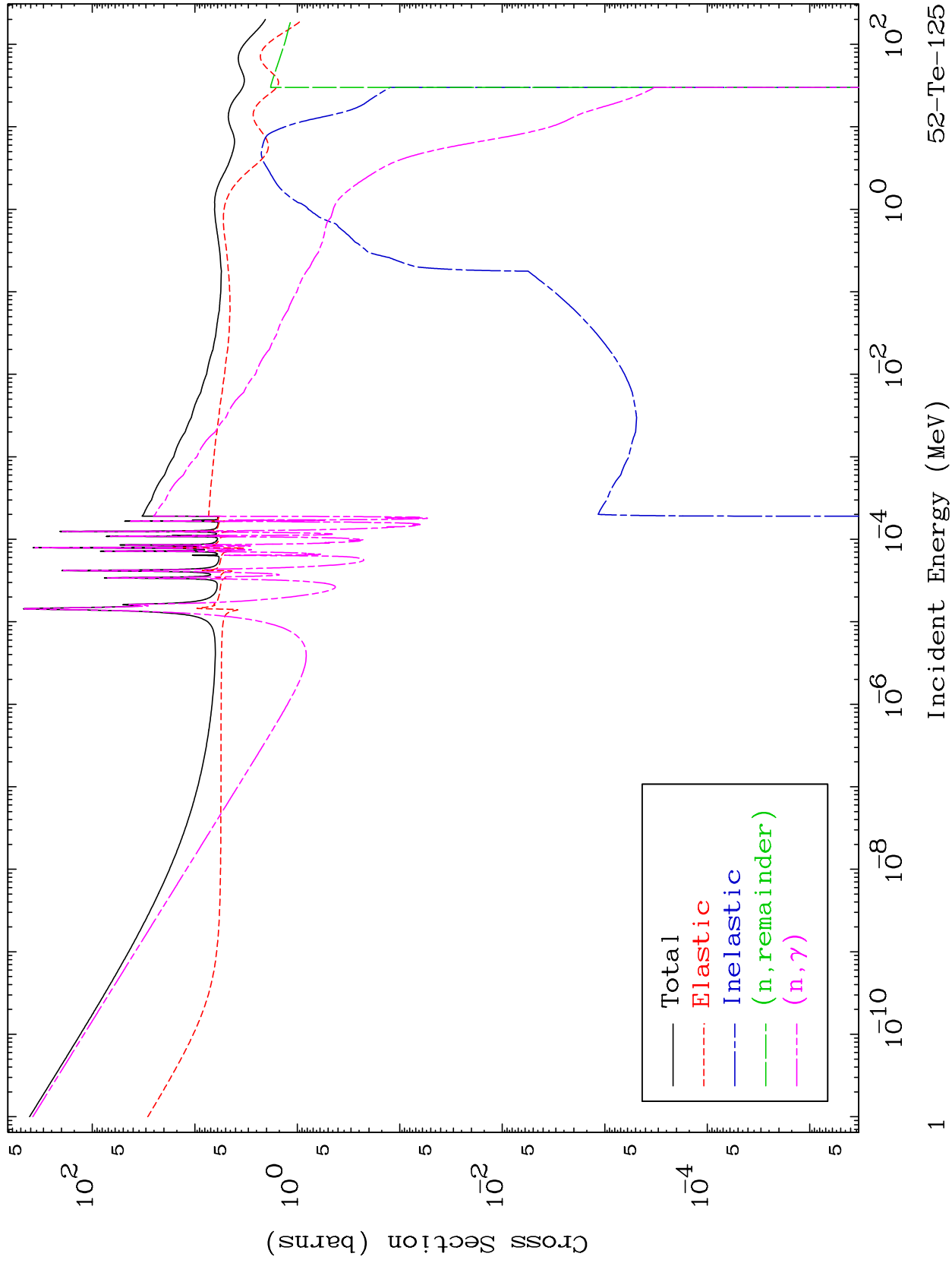
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5241

Major
293 Kelvin Cross Sections

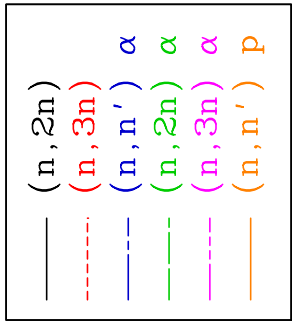
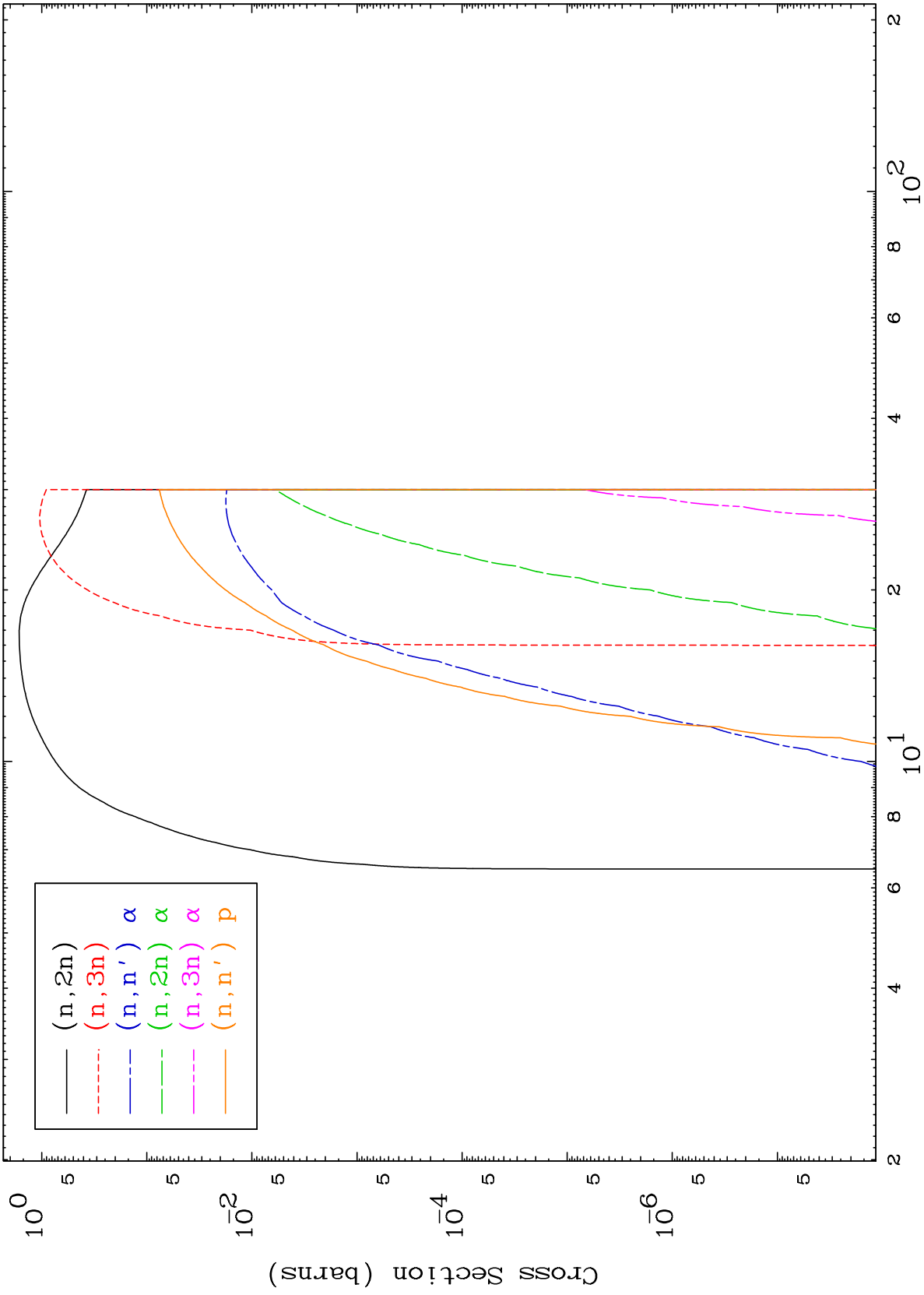
52-Te-125



MAT 5241

Neutron Production
293 Kelvin Cross Sections

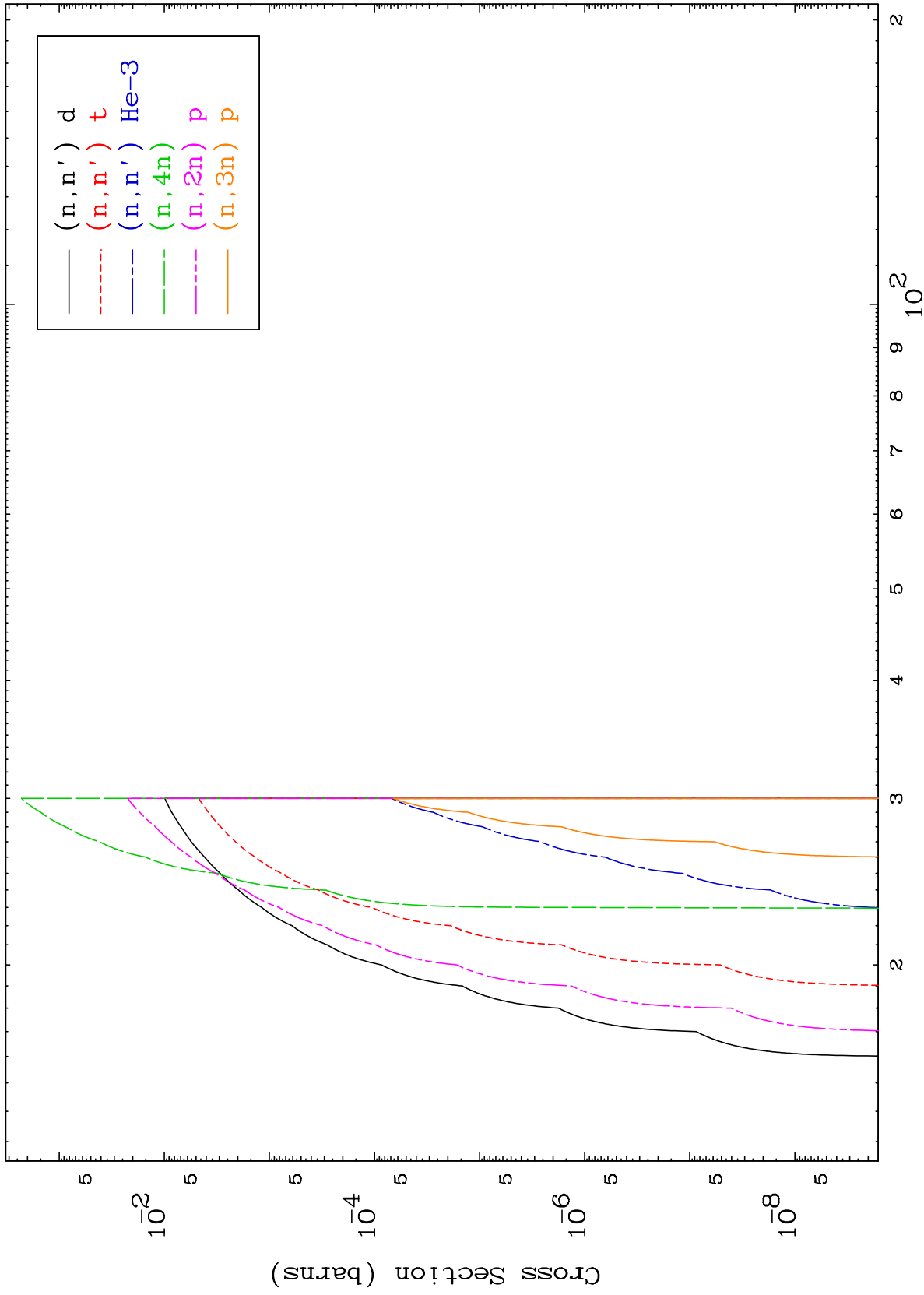
52-Te-125



2

Incident Energy (MeV)

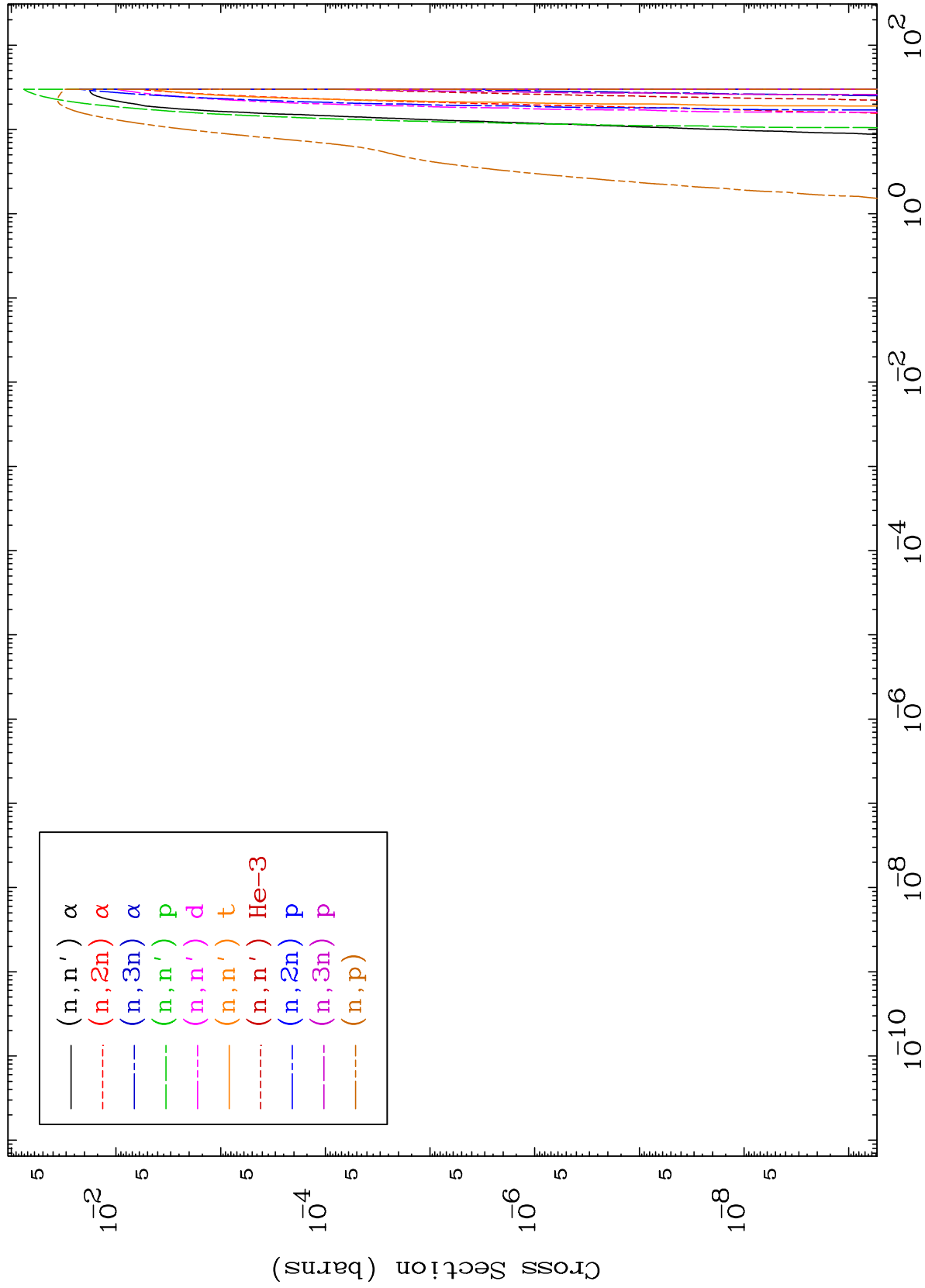
52-Te-125



MAT 5241

293 Kelvin Cross Sections
Charged Particle

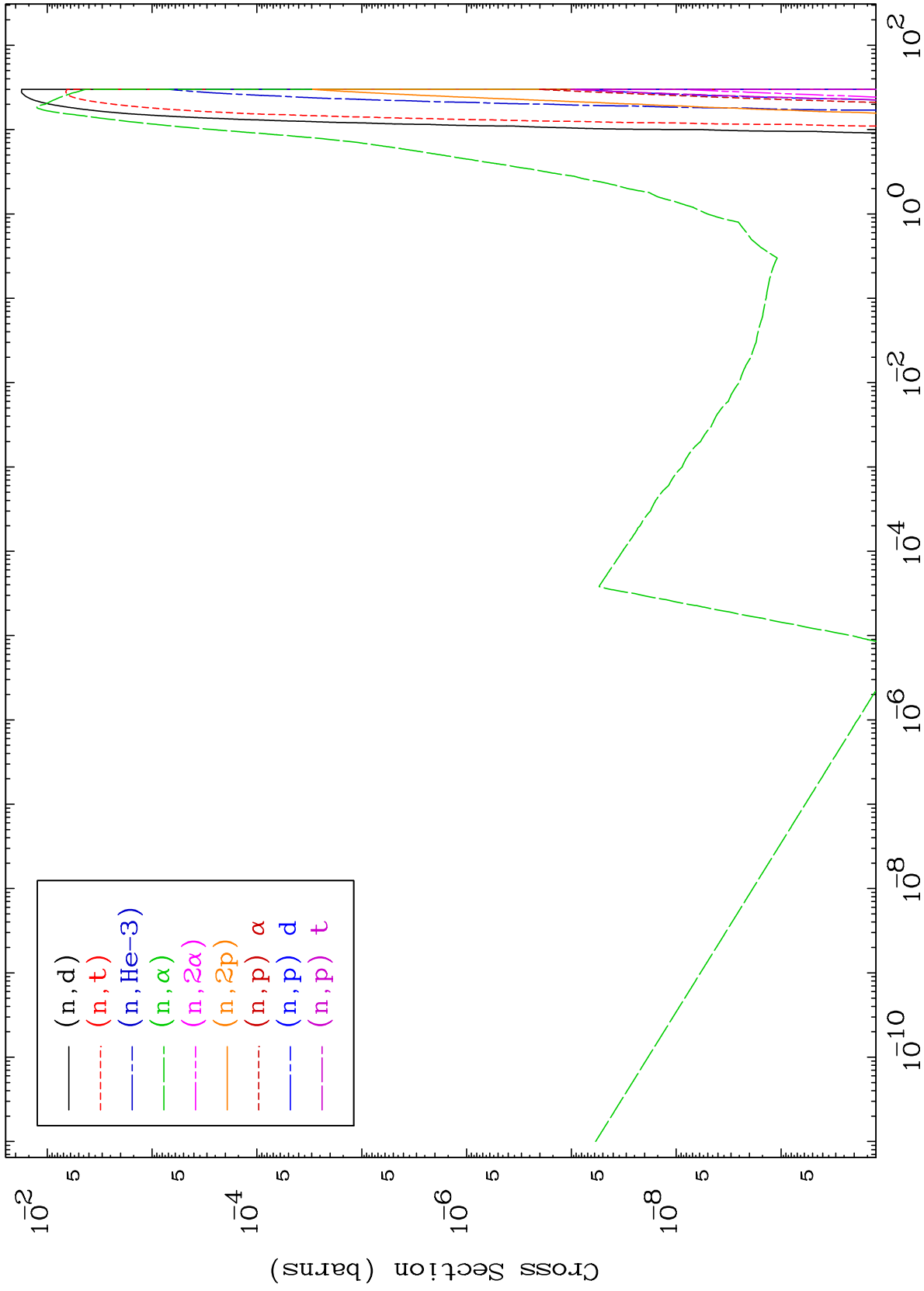
52-Te-125



MAT 5241

293 Kelvin Cross Sections

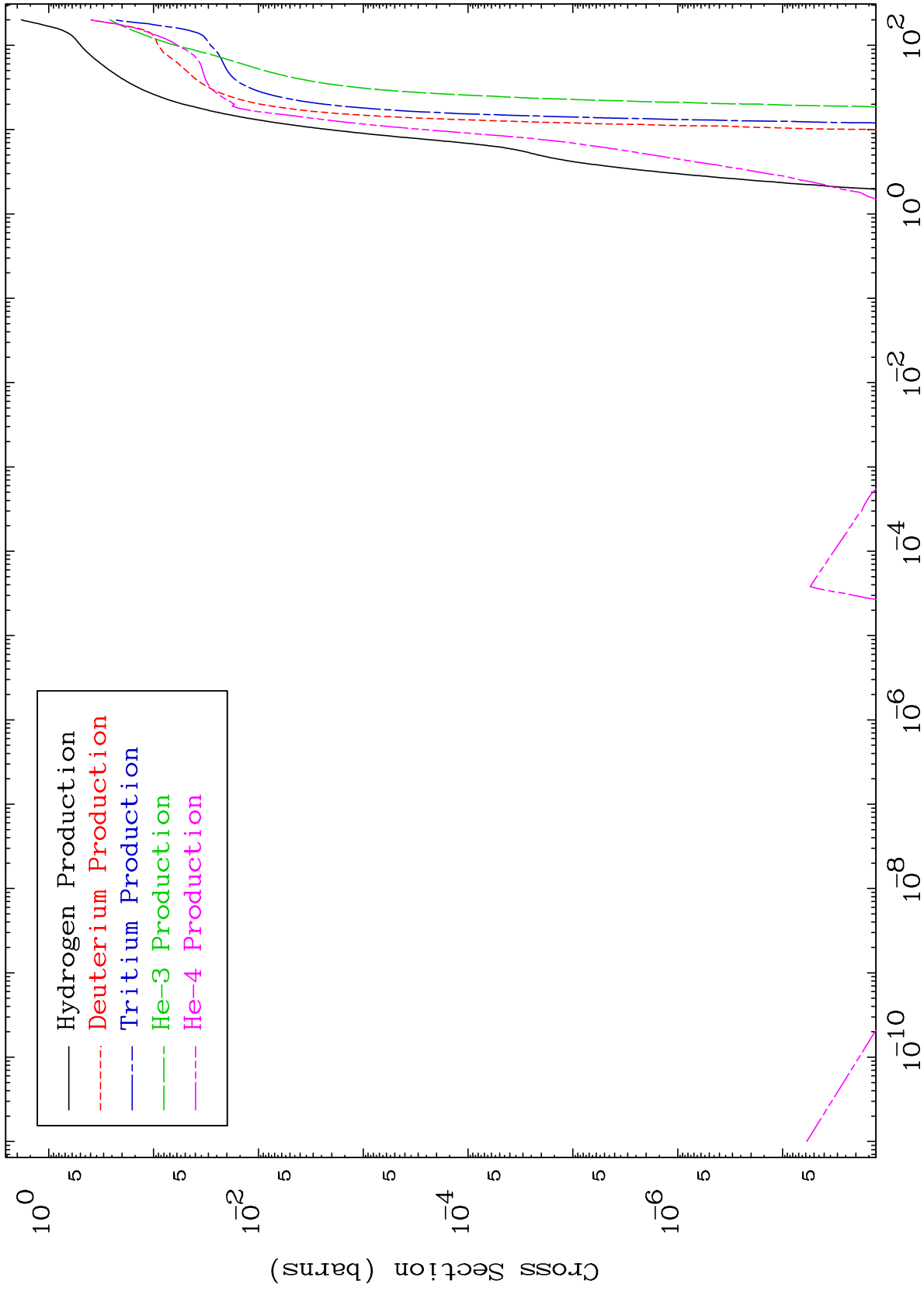
52-Te-125



MAT 5241

Particle Production
293 Kelvin Cross Sections

52-Te-125



6

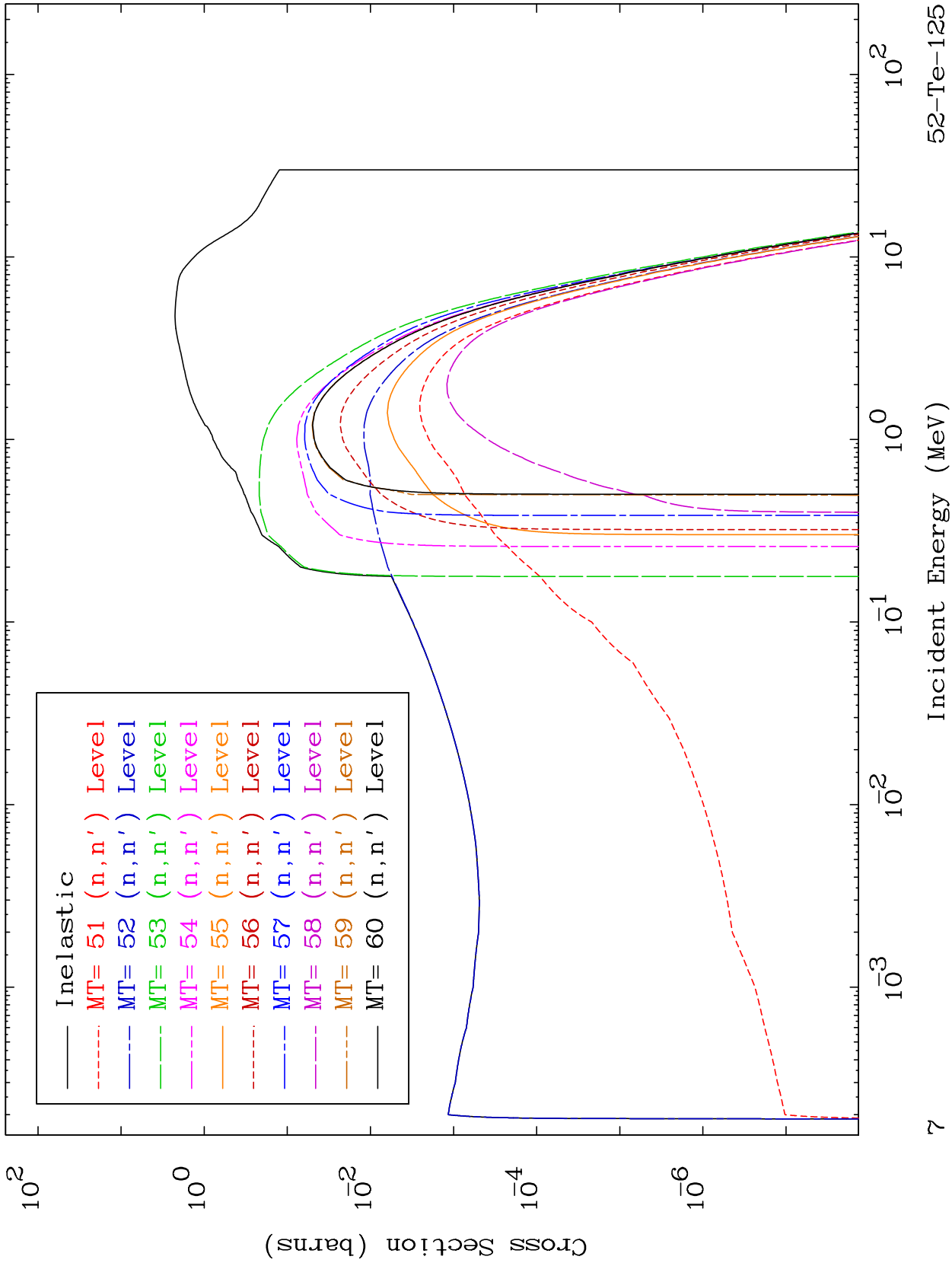
Incident Energy (MeV)

52-Te-125

MAT 5241

(n,n') Level
293 Kelvin Cross Sections

52-Te-125

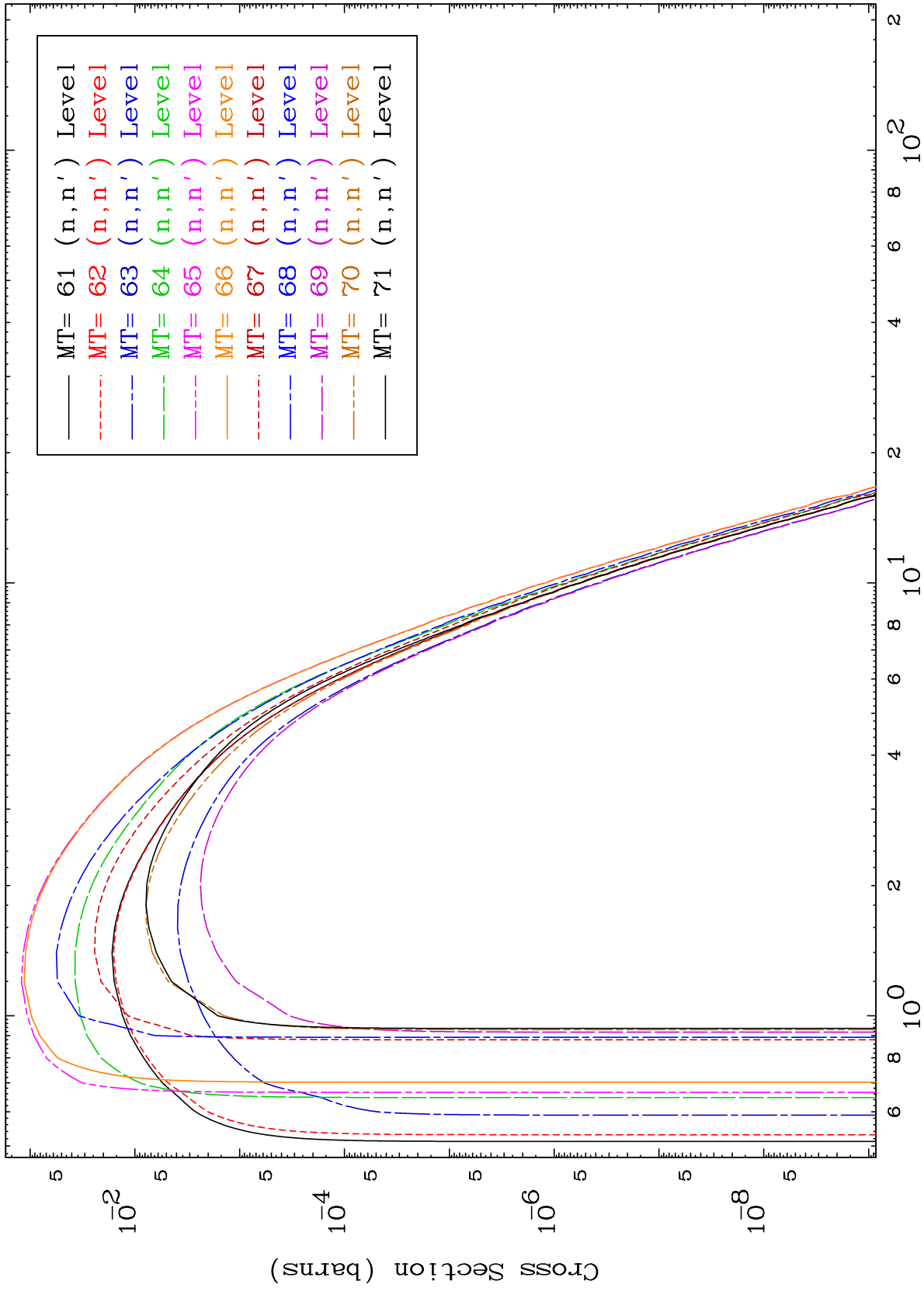


MAT 5241

(n,n') Level

52-Te-125

293 Kelvin Cross Sections



8

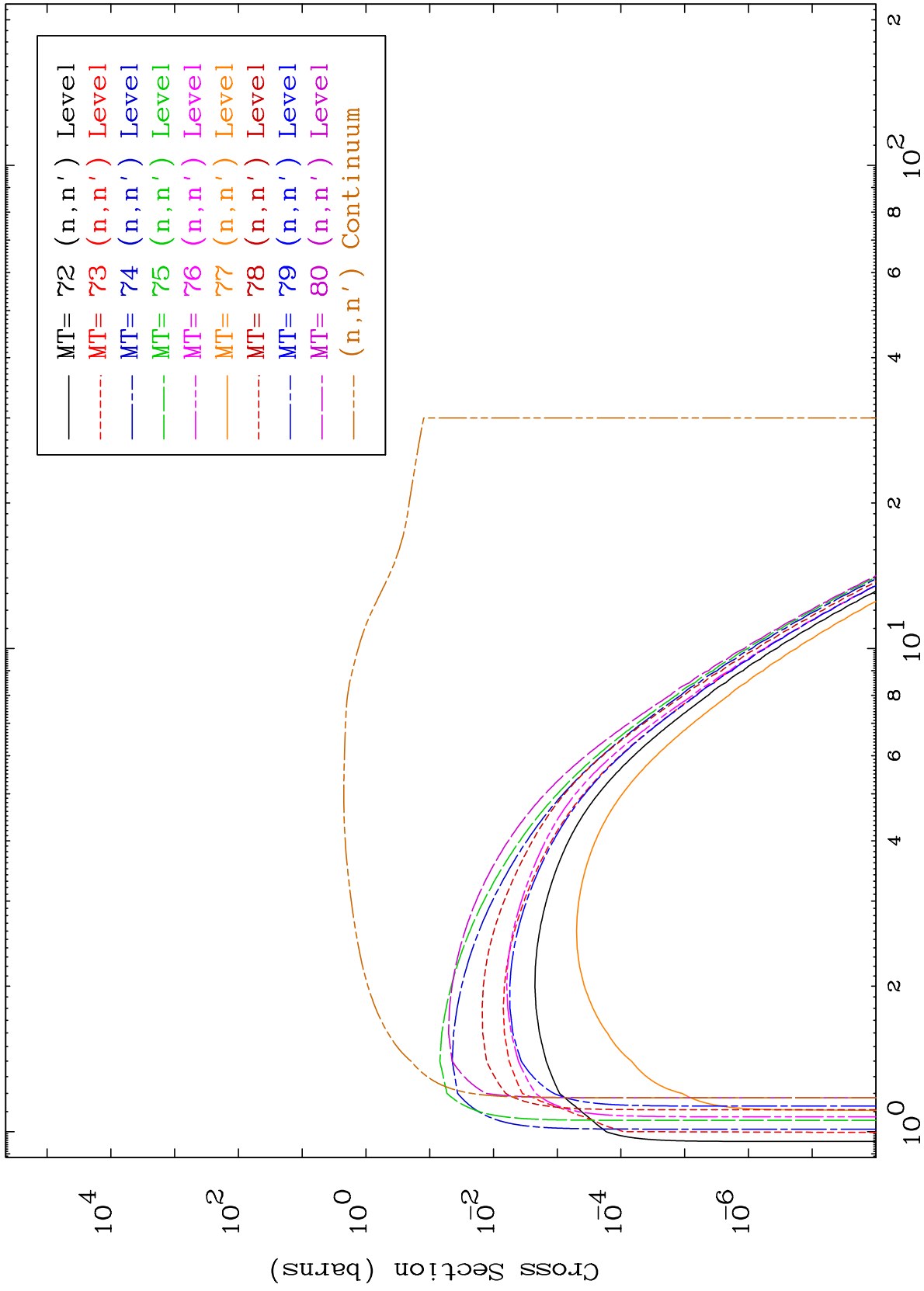
Incident Energy (MeV)

52-Te-125

MAT 5241

(n,n') Level
293 Kelvin Cross Sections

52-Te-125



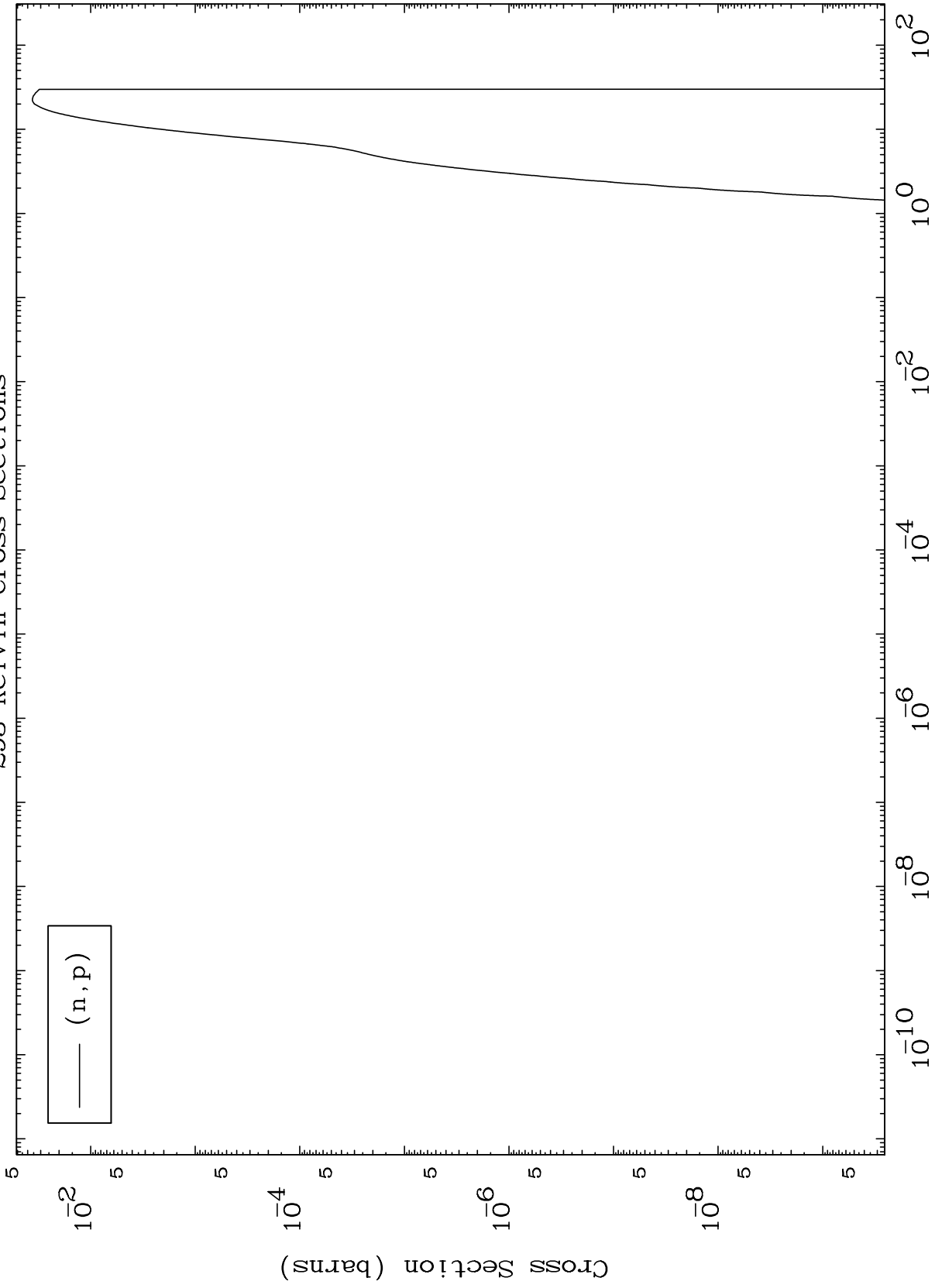
Incident Energy (MeV)

52-Te-125

MAT 5241

(n,p) Levels
293 Kelvin Cross Sections

52-Te-125



10

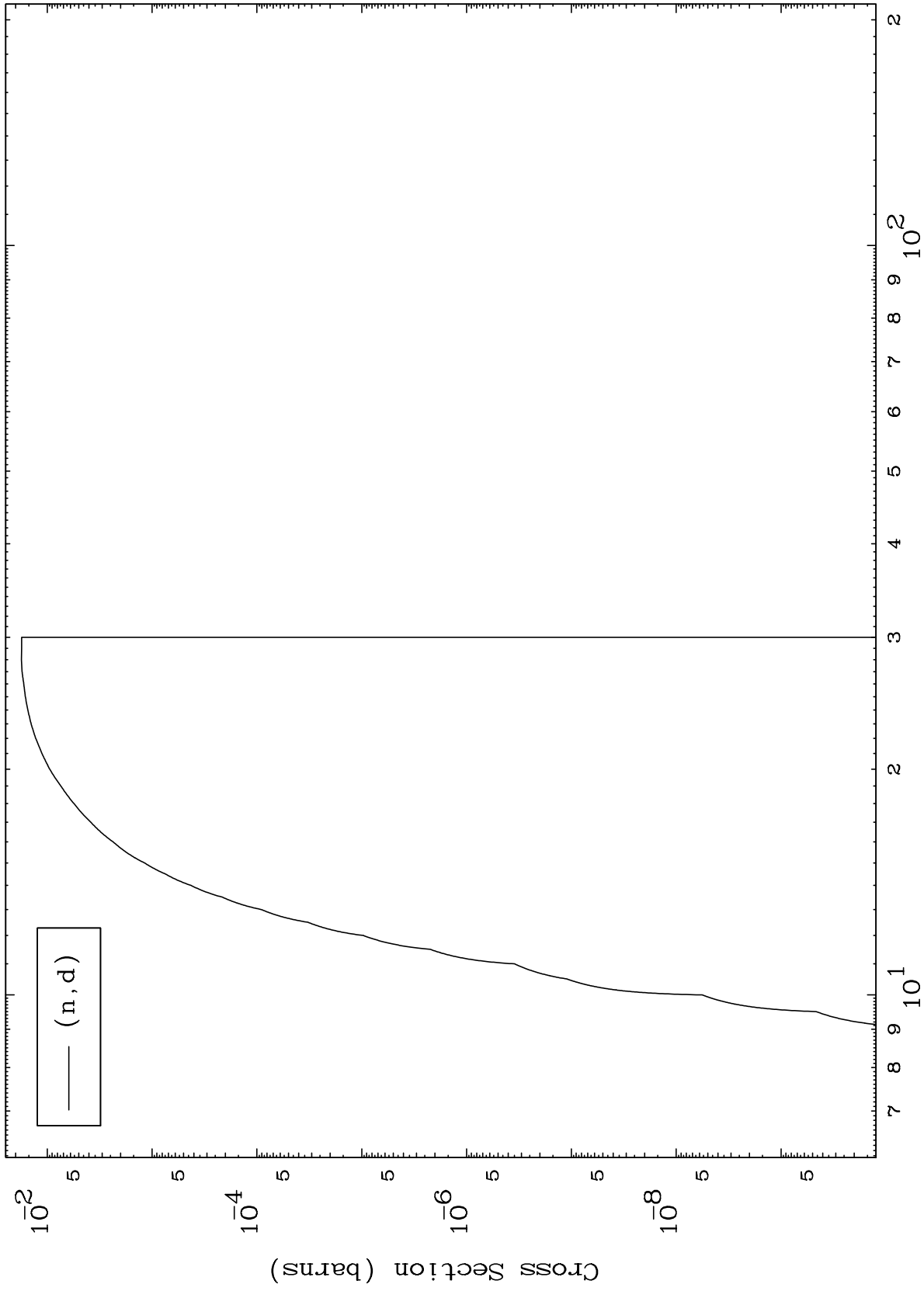
Incident Energy (MeV)

52-Te-125

MAT 5241

(n,d) Levels
293 Kelvin Cross Sections

52-Te-125



11

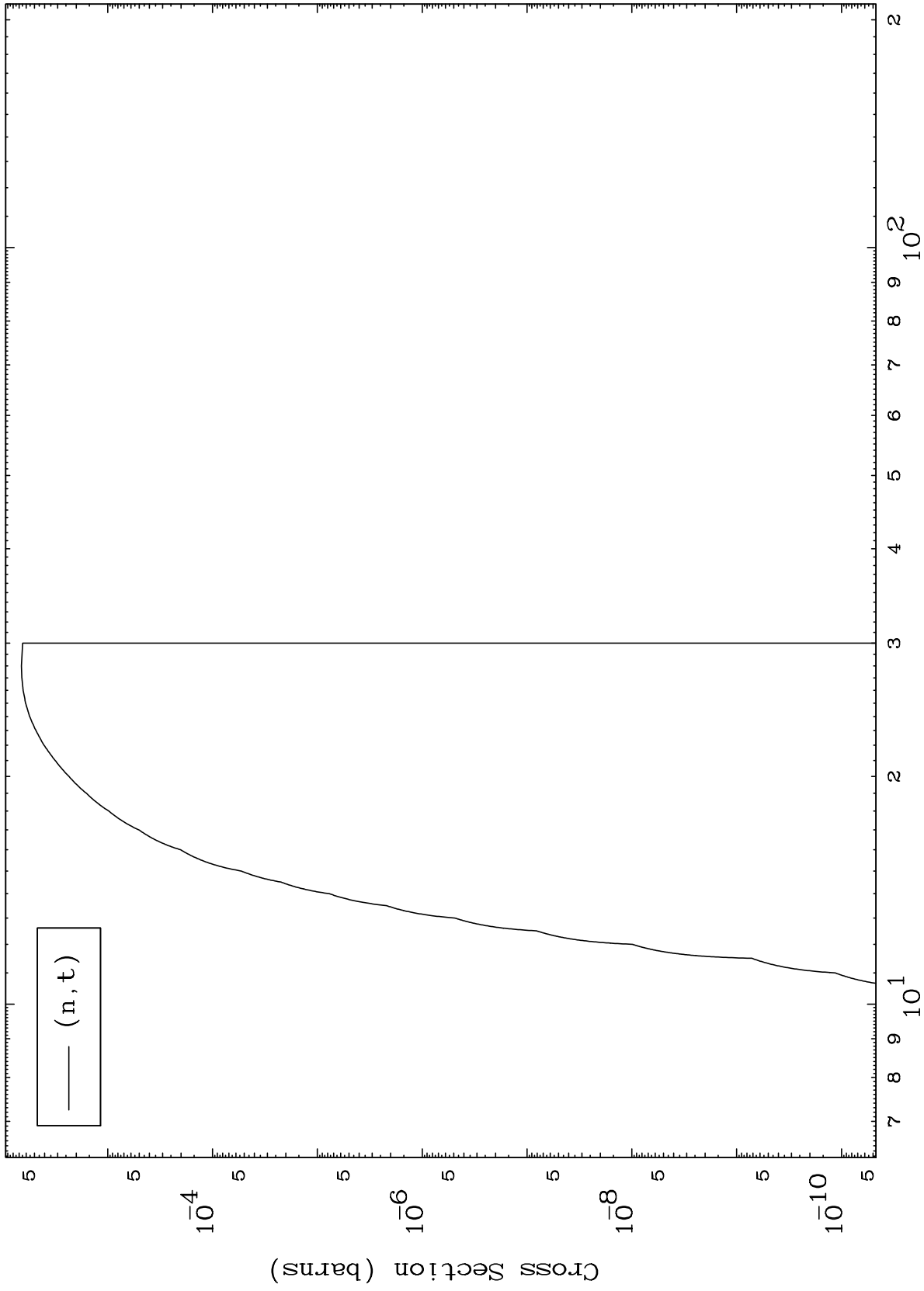
Incident Energy (MeV)

52-Te-125

MAT 5241

(n,t) Levels
293 Kelvin Cross Sections

52-Te-125



12

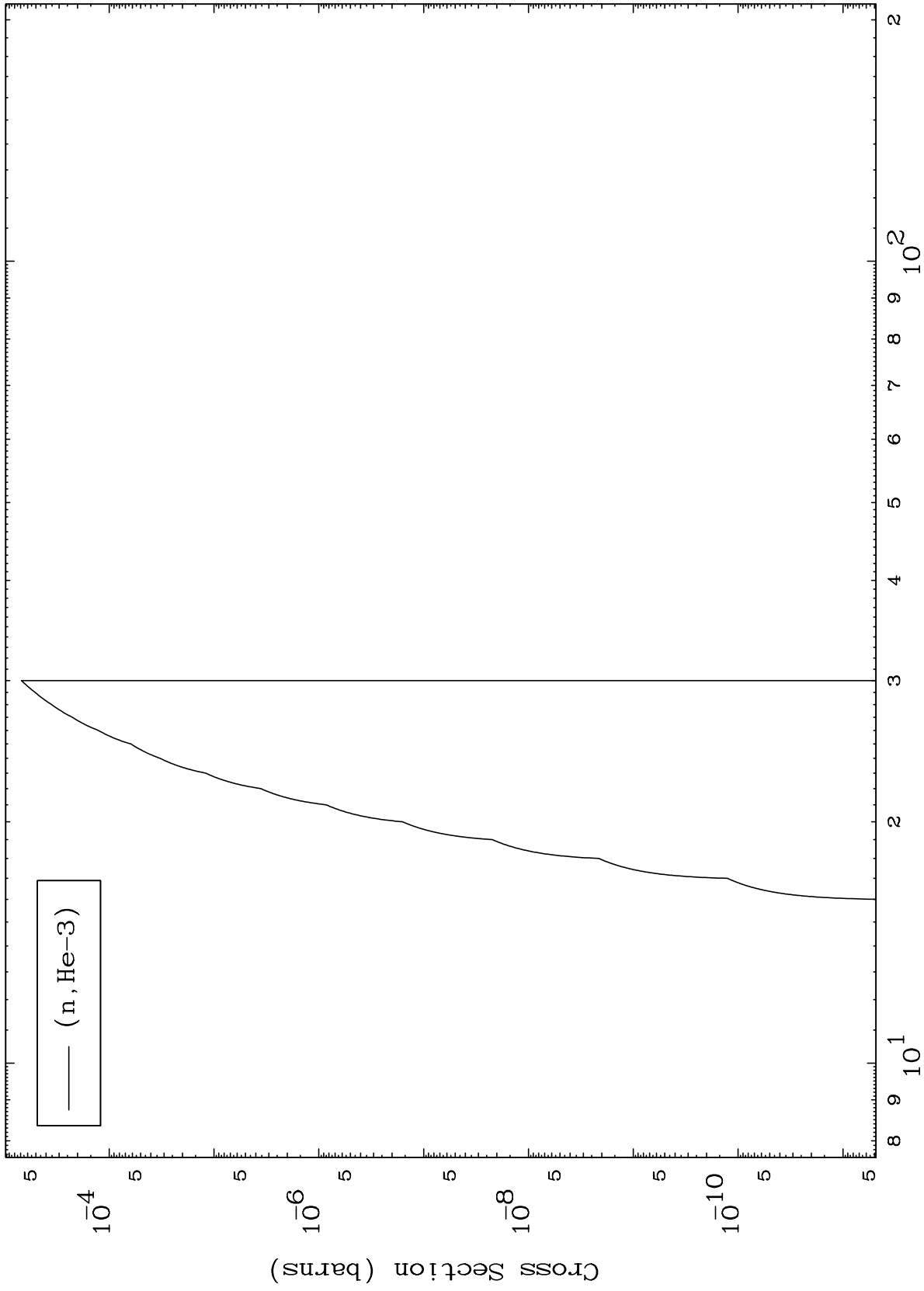
Incident Energy (MeV)

52-Te-125

MAT 5241

(n,He3) Levels
293 Kelvin Cross Sections

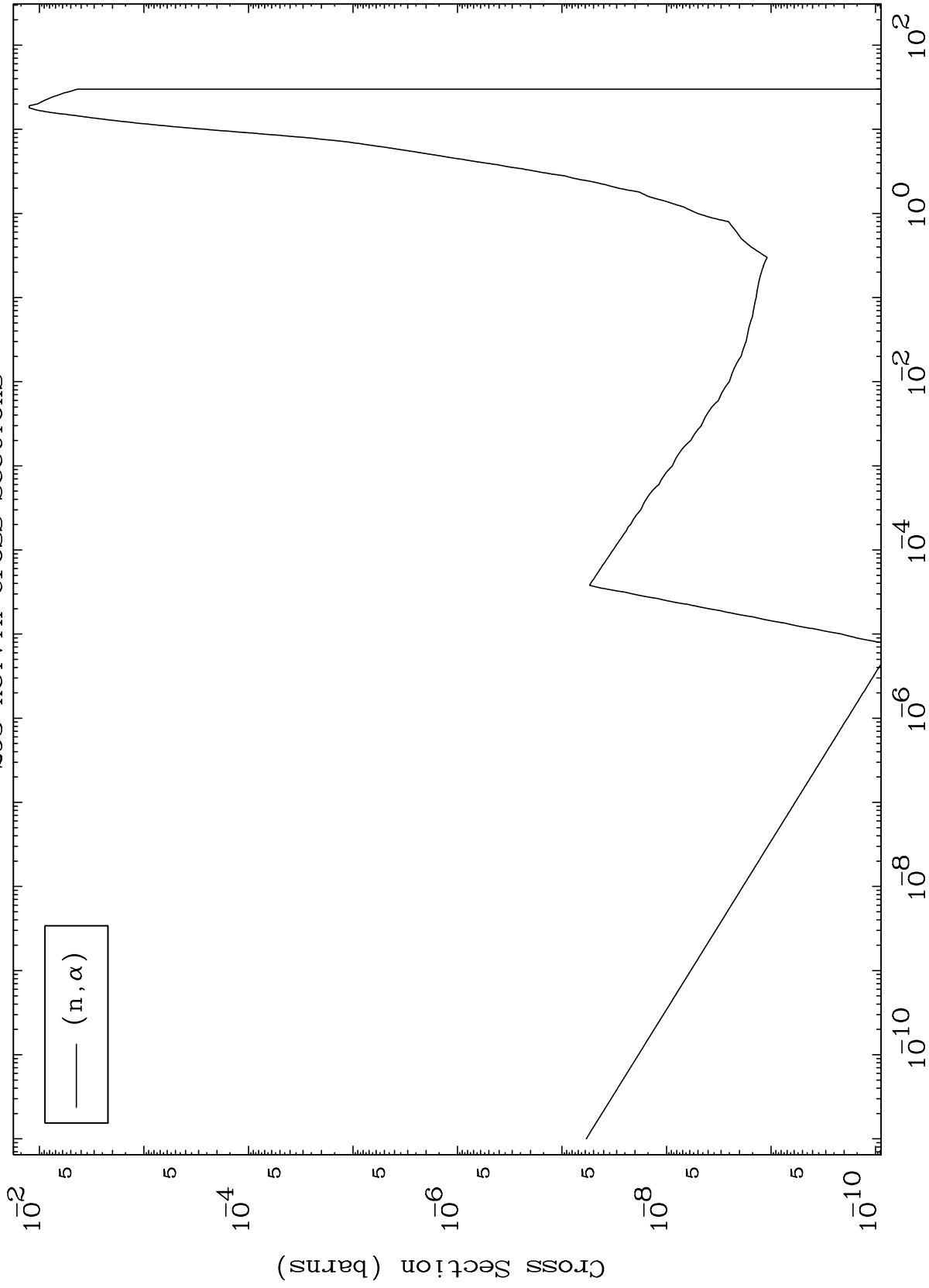
52-Te-125

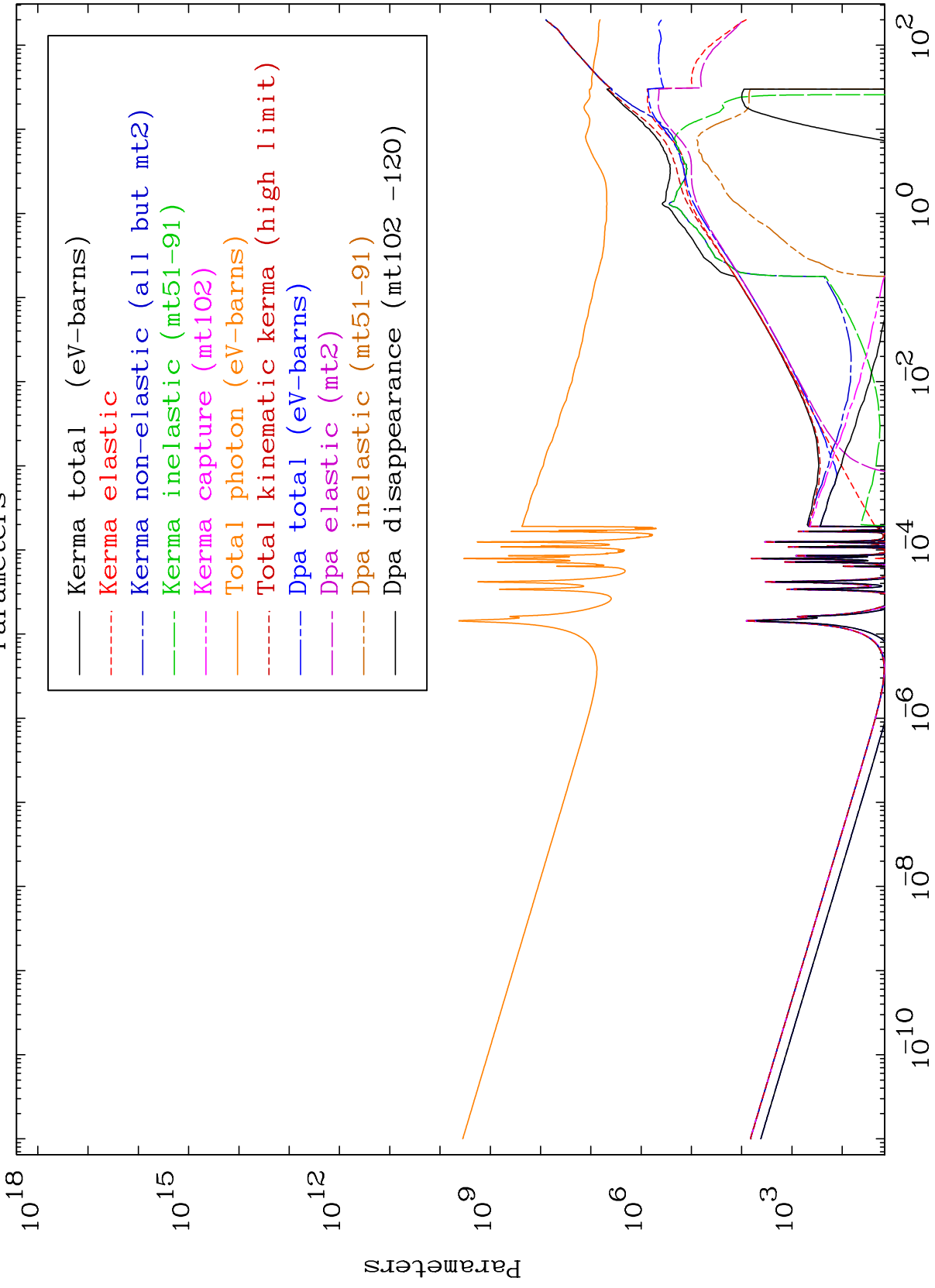


MAT 5241

(n,α) Levels
293 Kelvin Cross Sections

52-Te-125

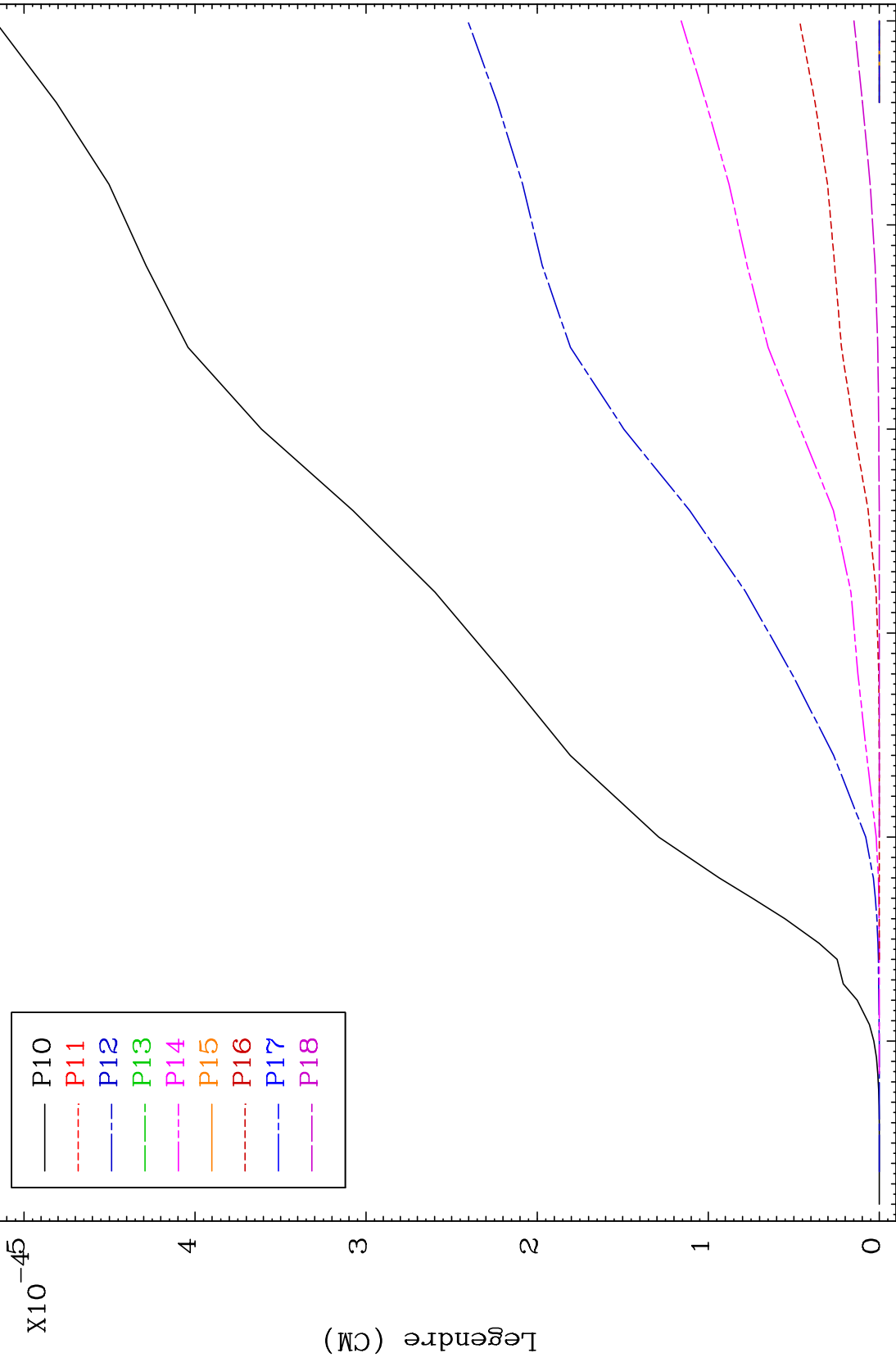




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Elastic Legendre Coefficients

52-Te-125



17

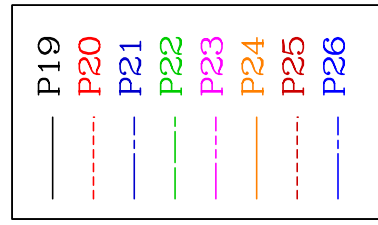
Incident Energy (MeV)

52-Te-125

MAT 5241

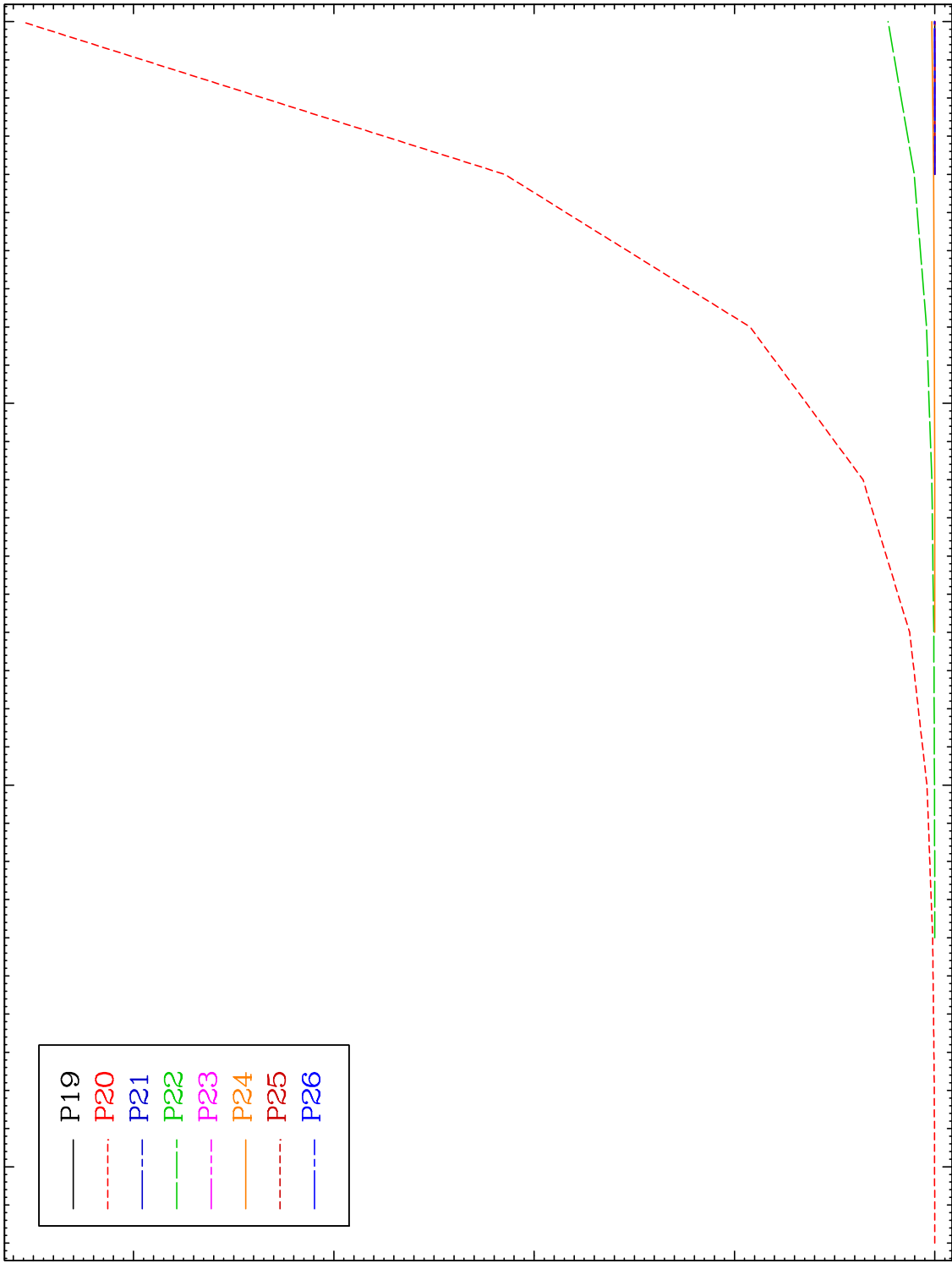
Elastic Legendre Coefficients

52-Te-125



$\times 10^{-7}$

Legendre (CM)



18

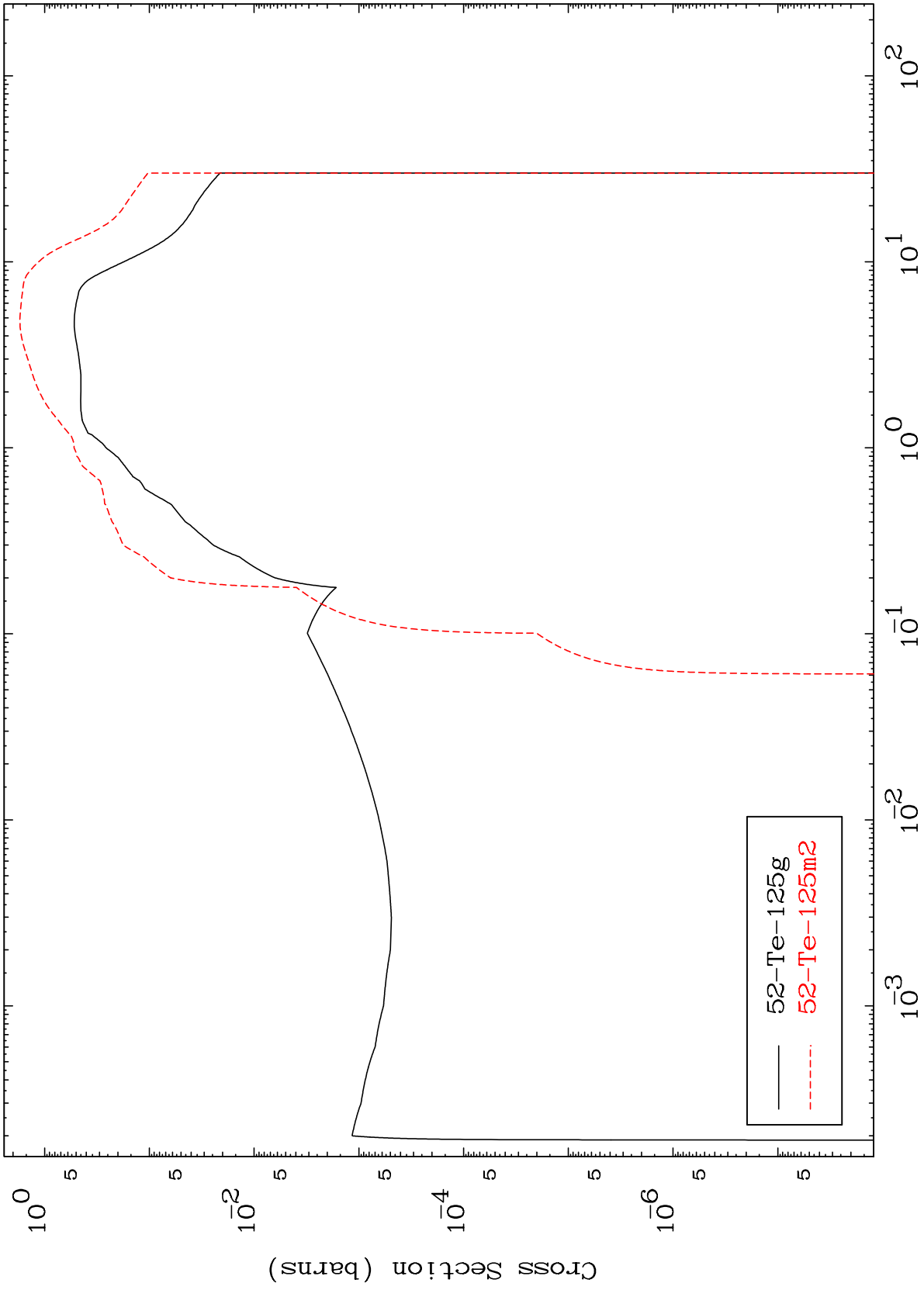
Incident Energy (MeV)

52-Te-125

MAT 5241

52-Te-125

Inelastic
Radionuclide Production Cross Section



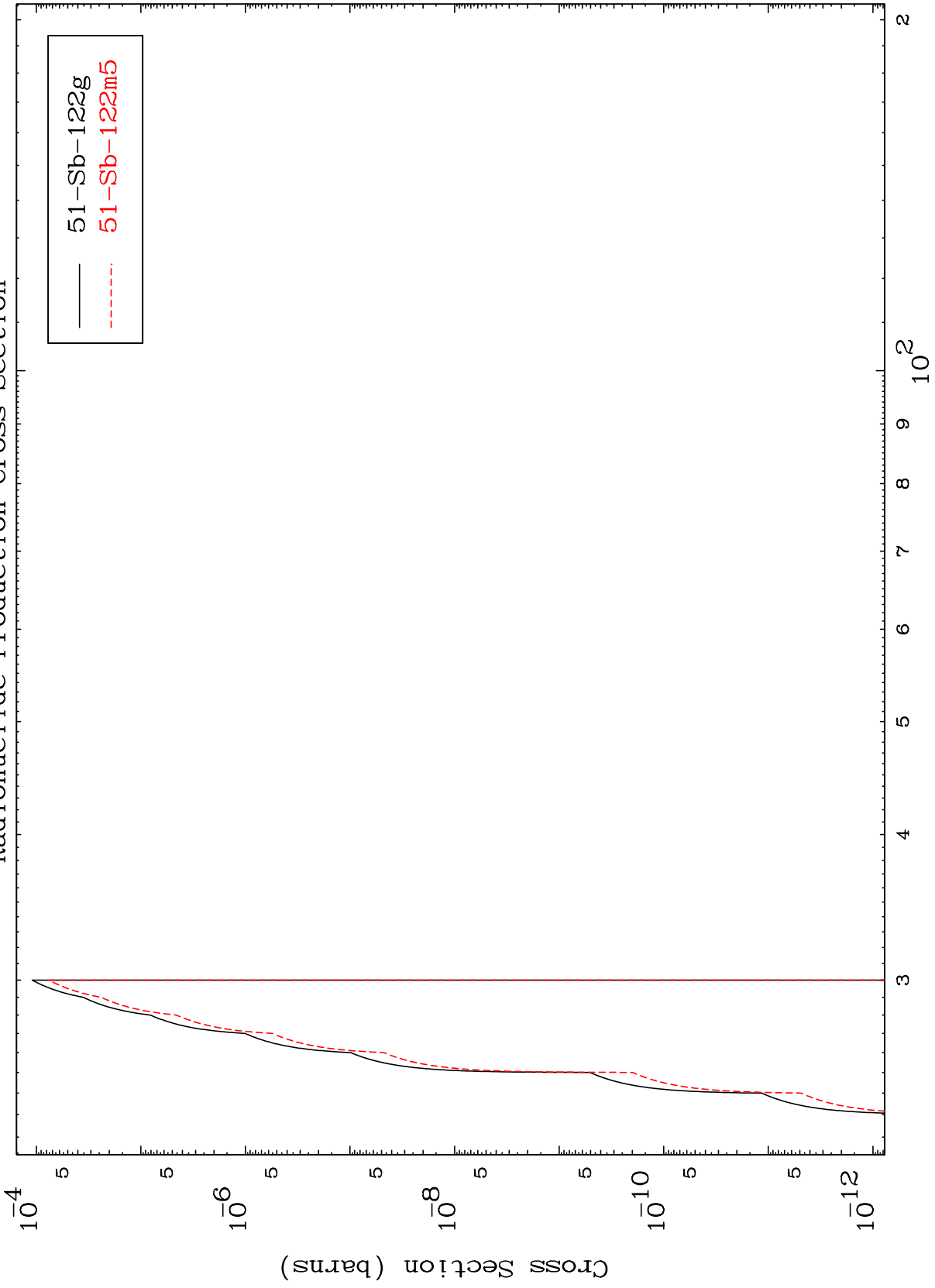
52-Te-125

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(n,2n) d

52-Te-125

Radionuclide Production Cross Section



20

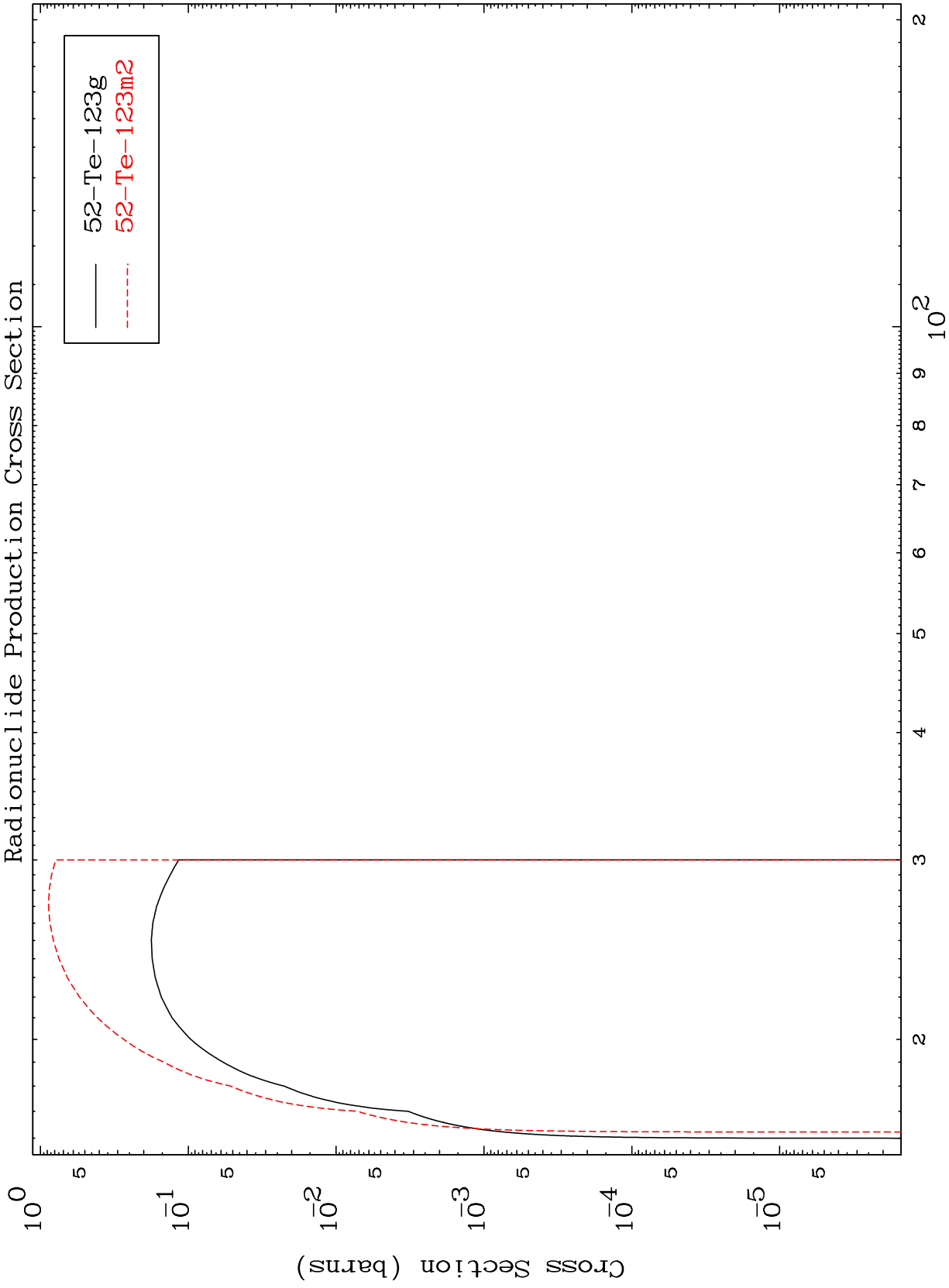
Incident Energy (MeV)

52-Te-125

MAT 5241

⁵²Te-125

(n,3n)
Radionuclide Production Cross Section



21

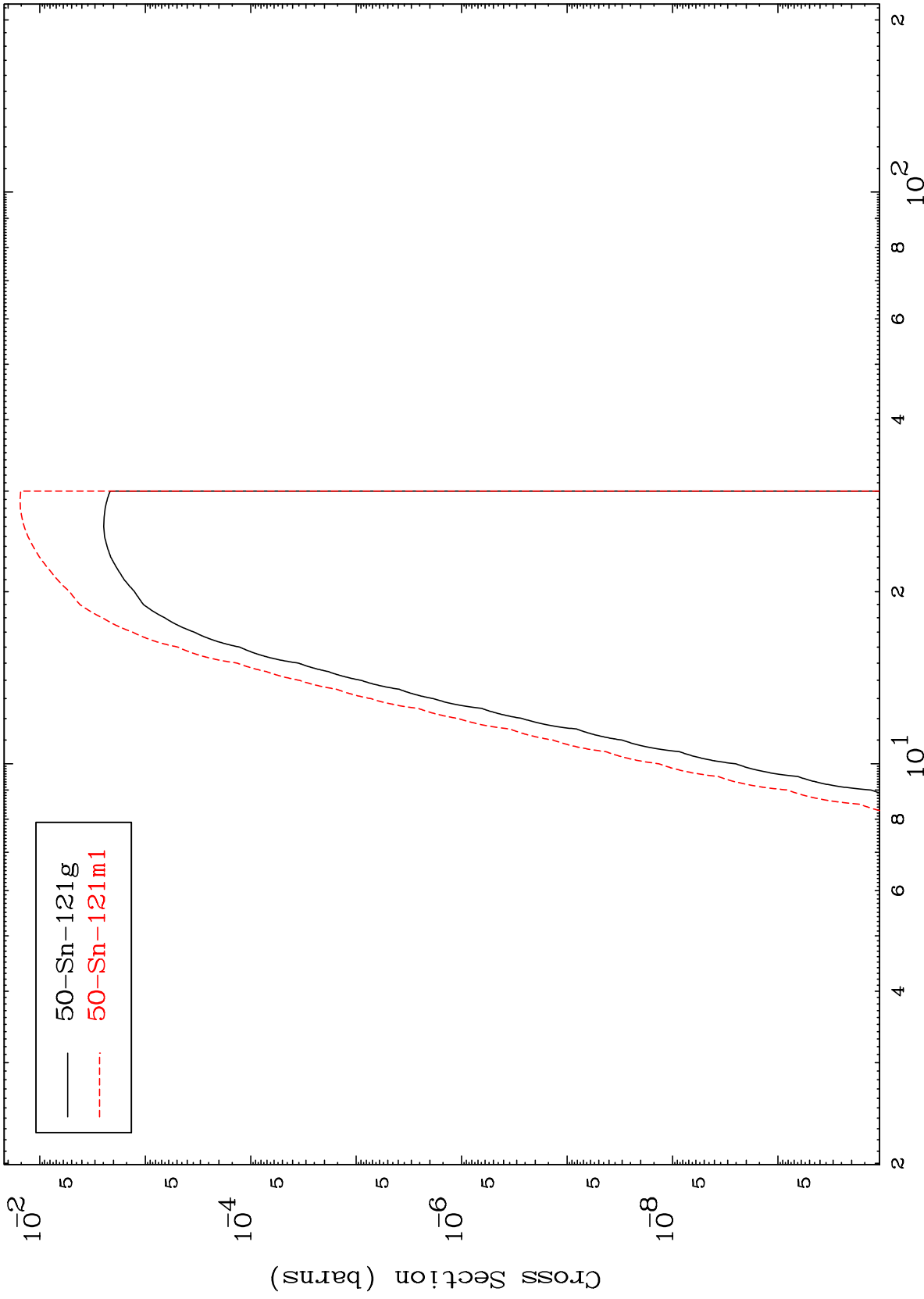
⁵²Te-125

MAT 5241

(n,n') α

52-Te-125

Radionuclide Production Cross Section



22

Incident Energy (MeV)

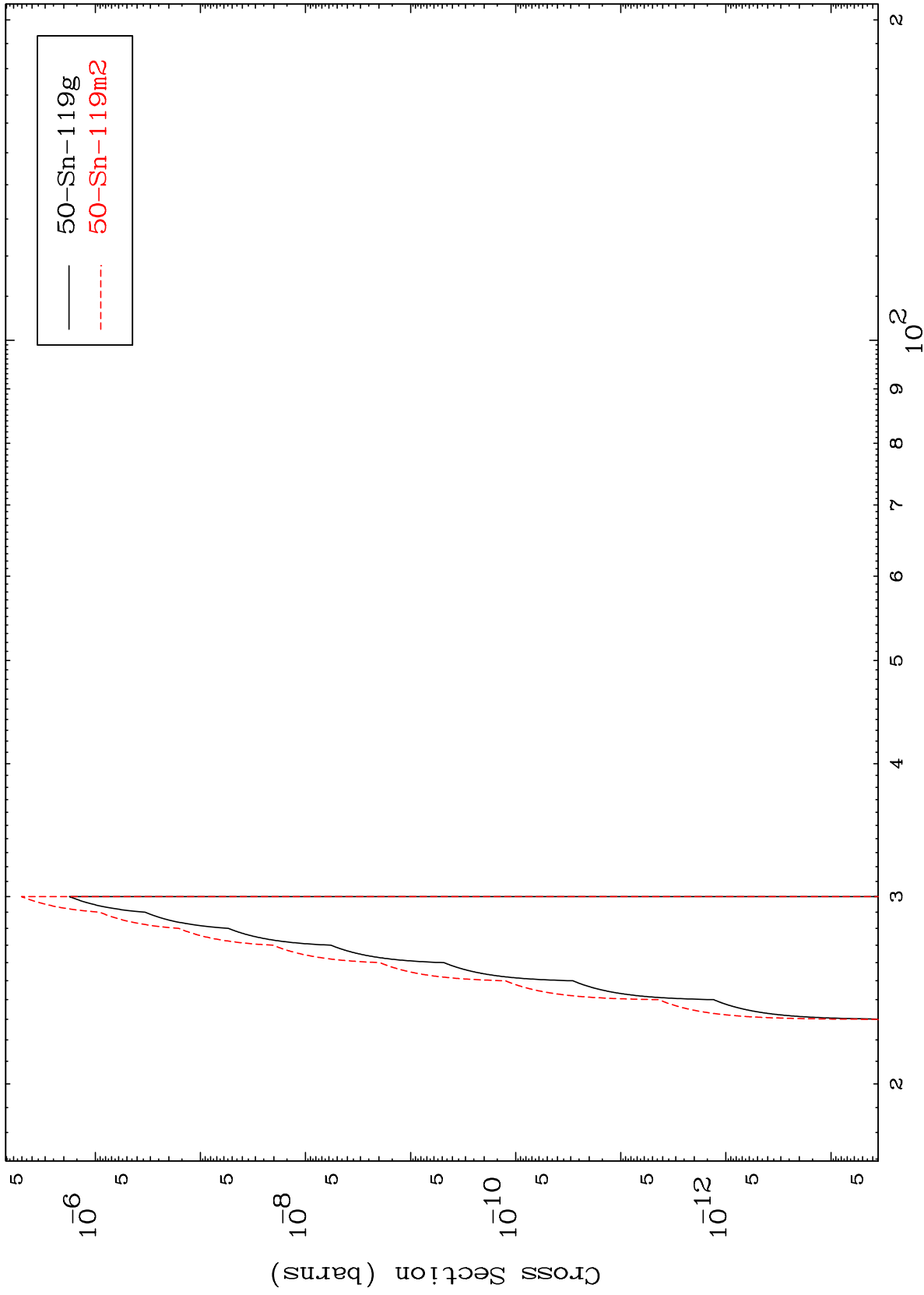
52-Te-125

MAT 5241

(n,3n) α

52-Te-125

Radionuclide Production Cross Section



23

Incident Energy (MeV)

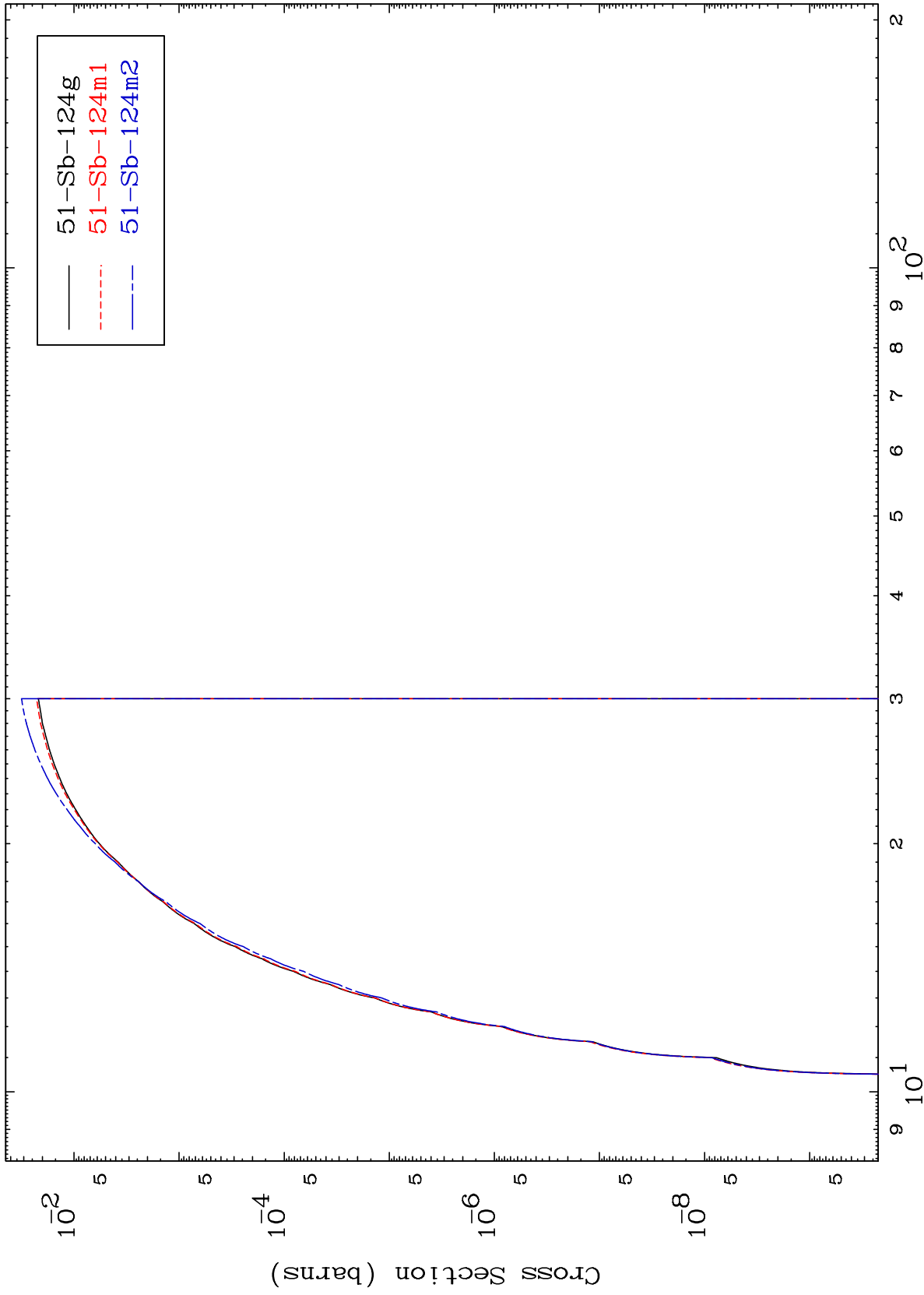
52-Te-125

MAT 5241

(n,n') p

52-Te-125

Radionuclide Production Cross Section



24

Incident Energy (MeV)

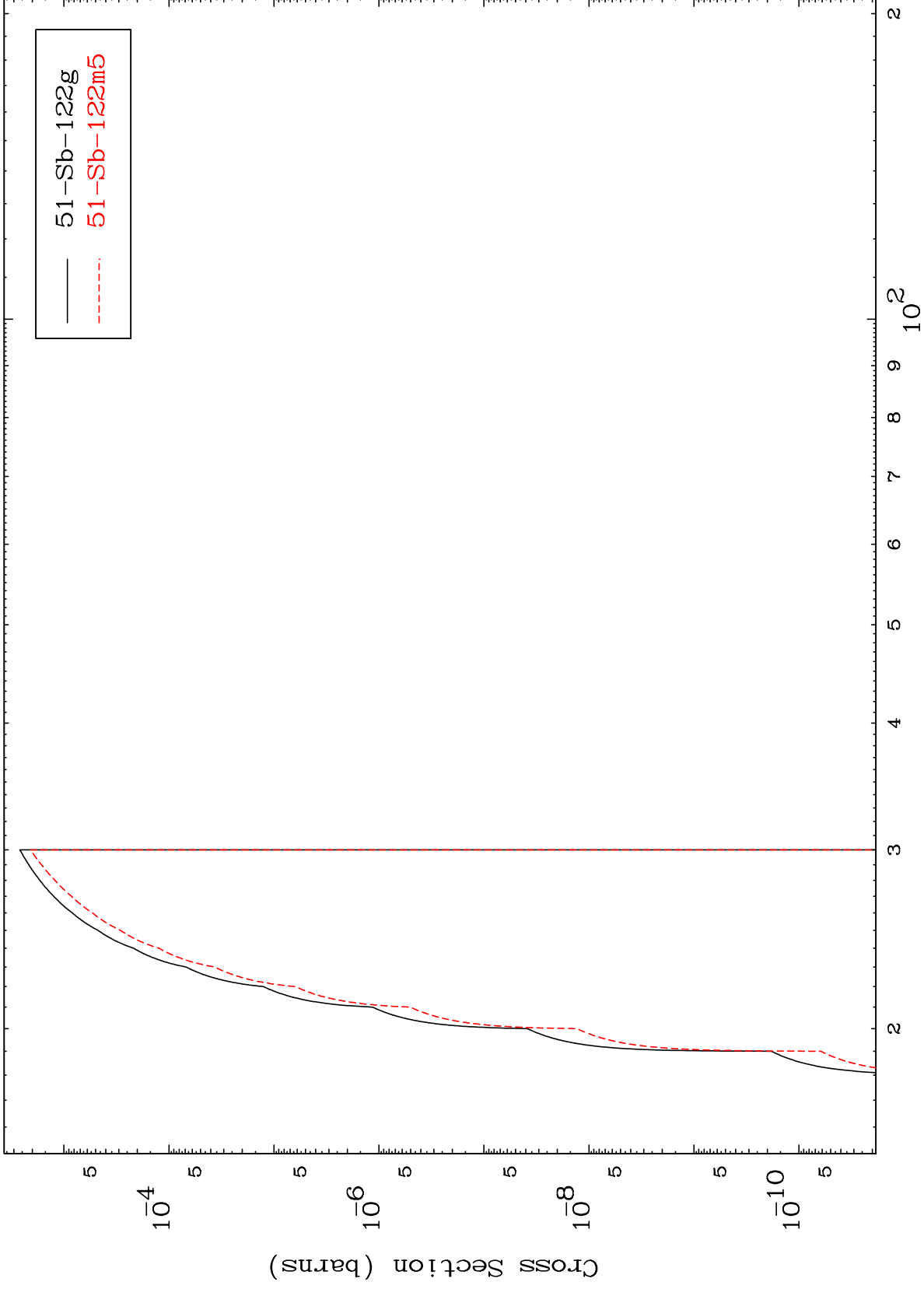
52-Te-125

MAT 5241

(n,n') t

52-Te-125

Radionuclide Production Cross Section



25

Incident Energy (MeV)

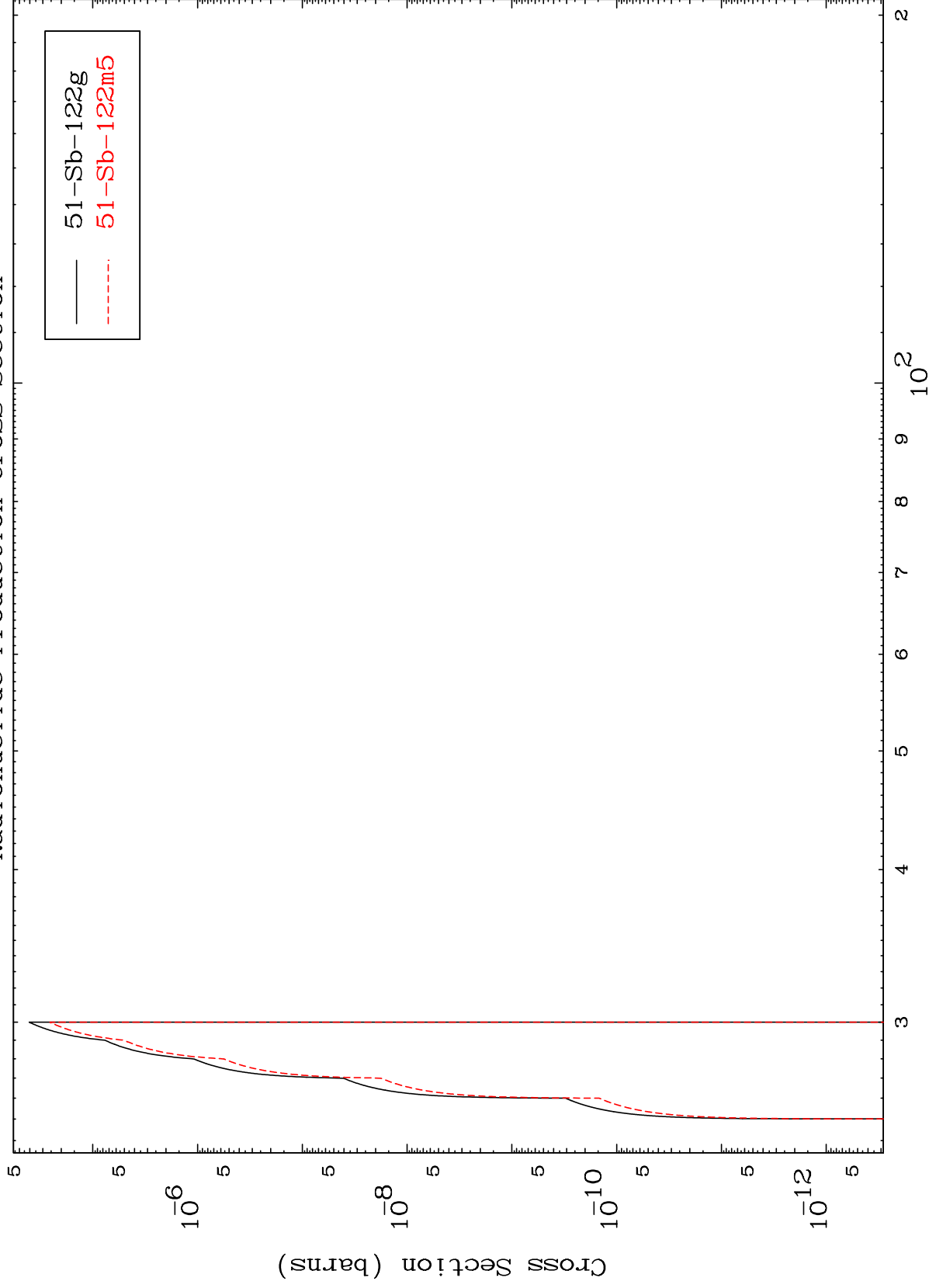
52-Te-125

MAT 5241

(n,3n) p

52-Te-125

Radionuclide Production Cross Section



26

Incident Energy (MeV)

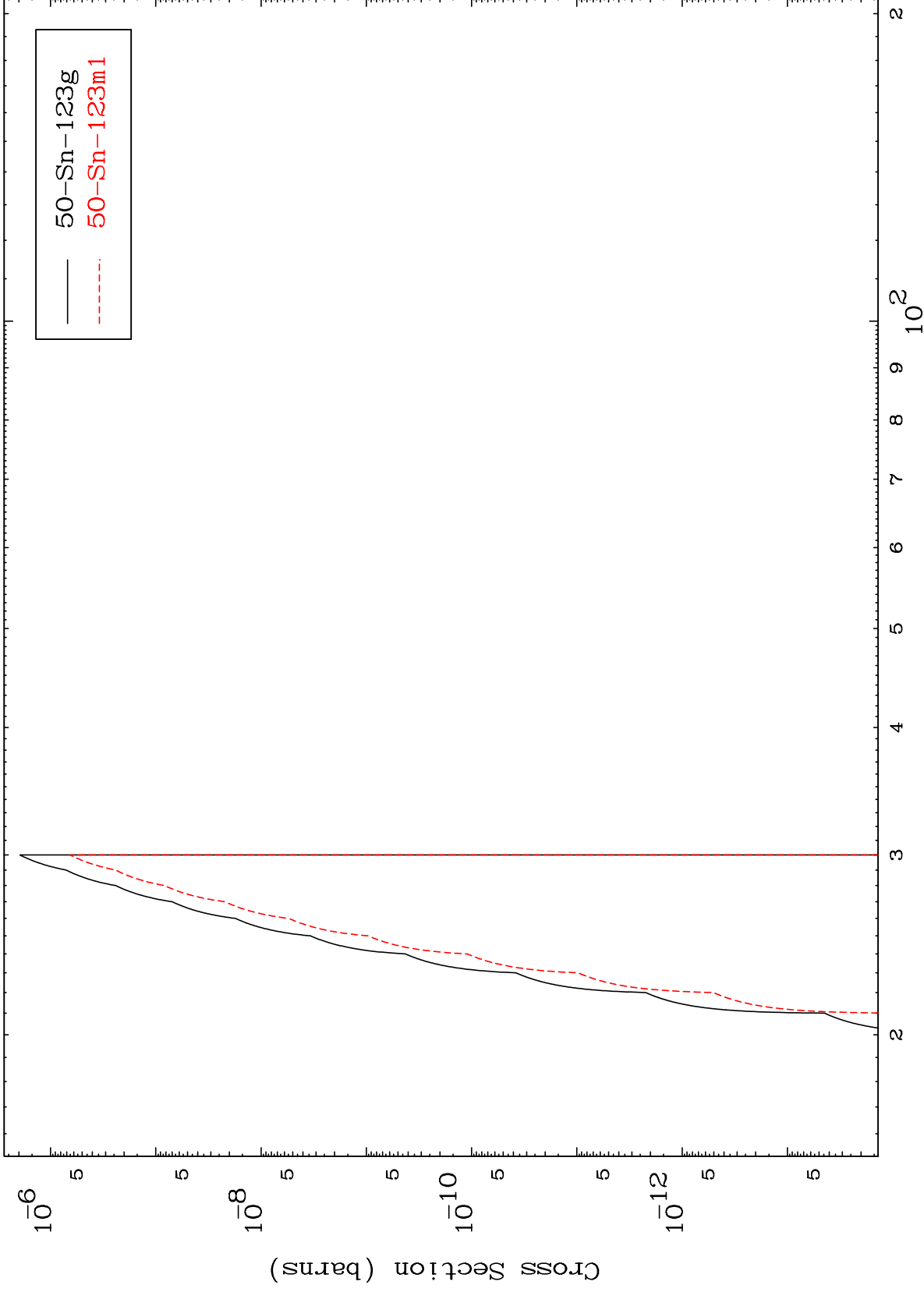
52-Te-125

MAT 5241

(n,2n) p

52-Te-125

Radionuclide Production Cross Section



27

Incident Energy (MeV)

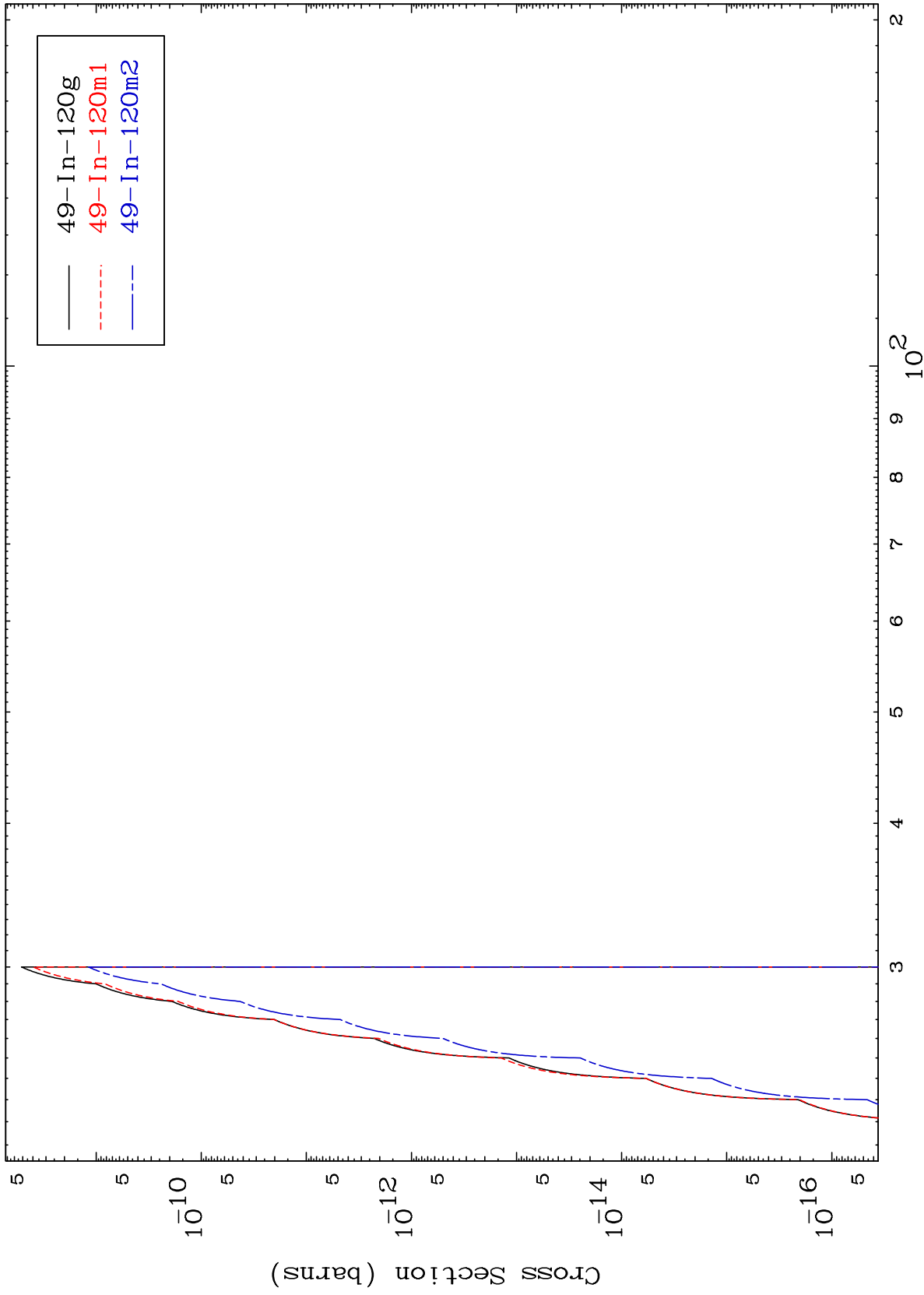
52-Te-125

MAT 5241

(n,n') p α

52-Te-125

Radionuclide Production Cross Section



28

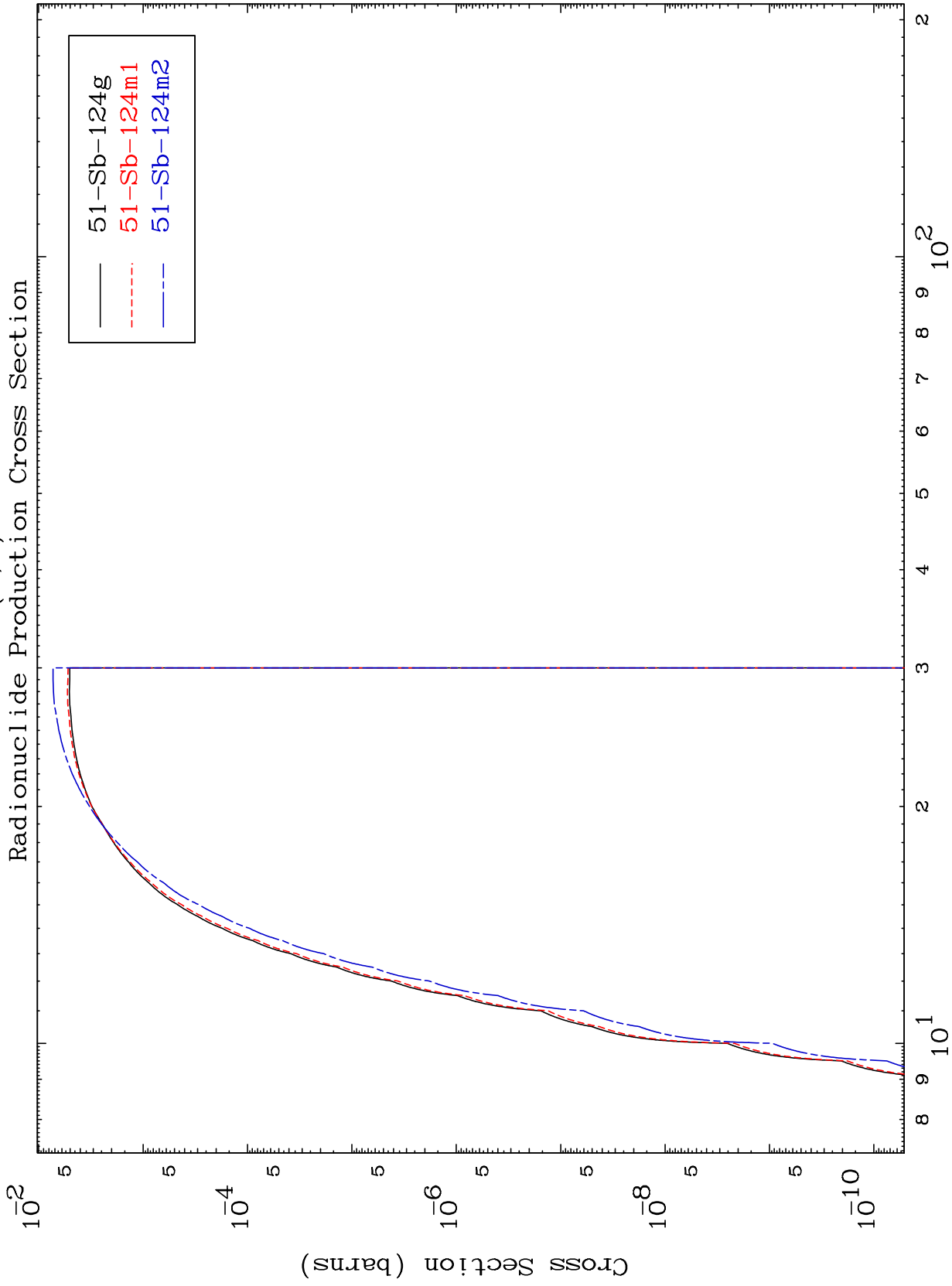
Incident Energy (MeV)

52-Te-125

MAT 5241

(n,d)

52-Te-125



52-Te-125

Incident Energy (MeV)

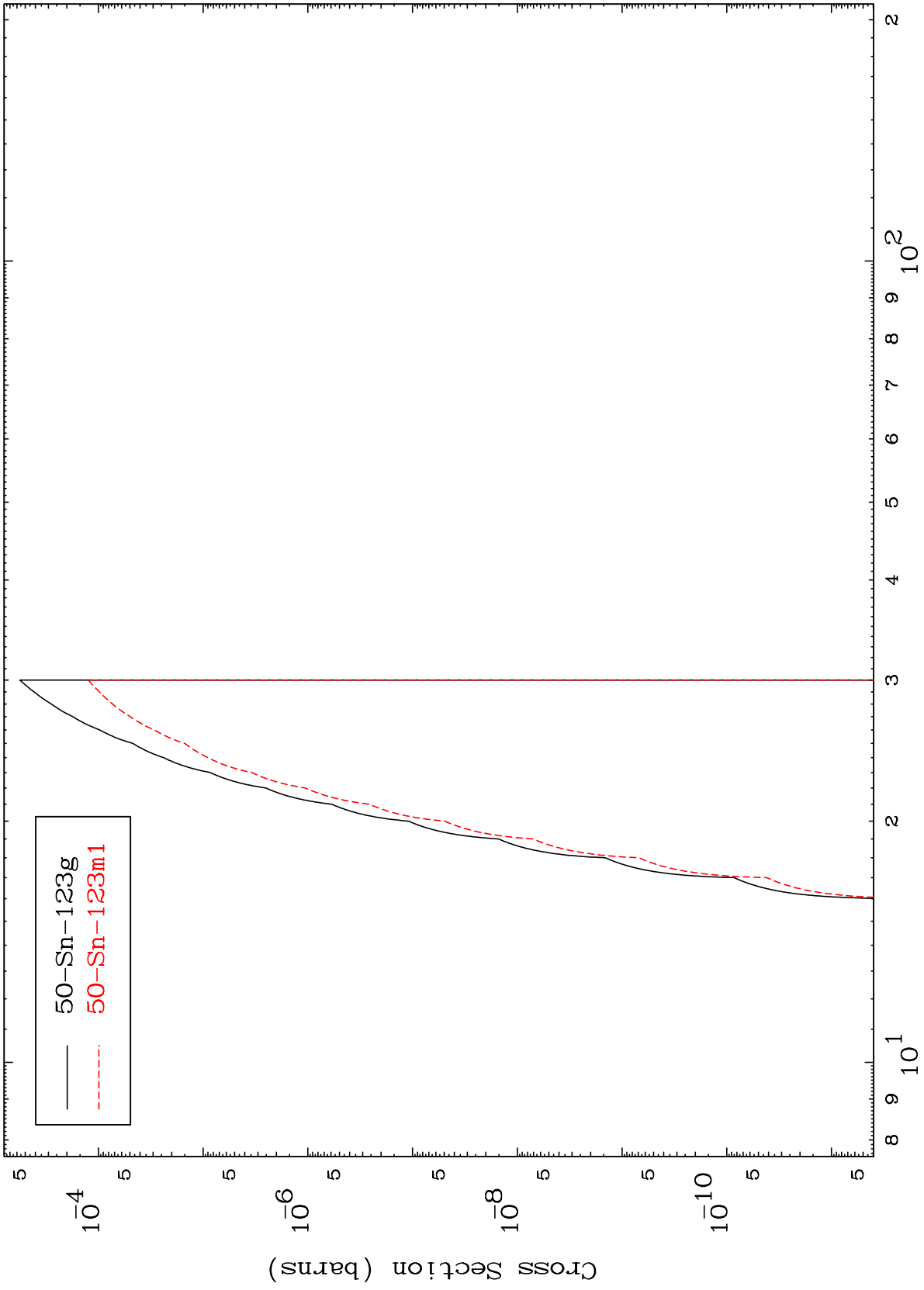
29

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(n, He-3)

52-Te-125

Radionuclide Production Cross Section



30

Incident Energy (MeV)

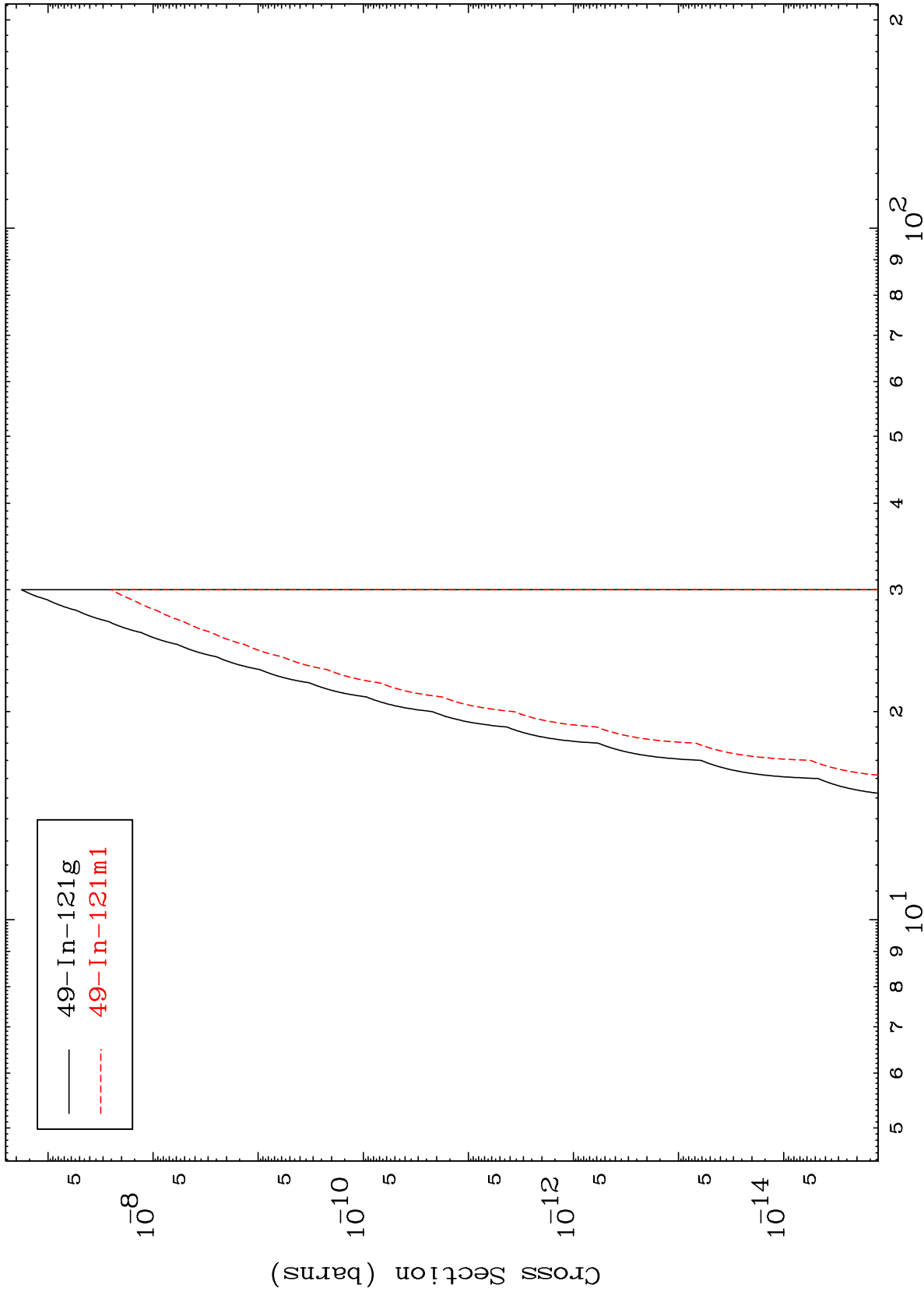
52-Te-125

MAT 5241

(n,p) α

⁵²Te-125

Radionuclide Production Cross Section



31

Incident Energy (MeV)

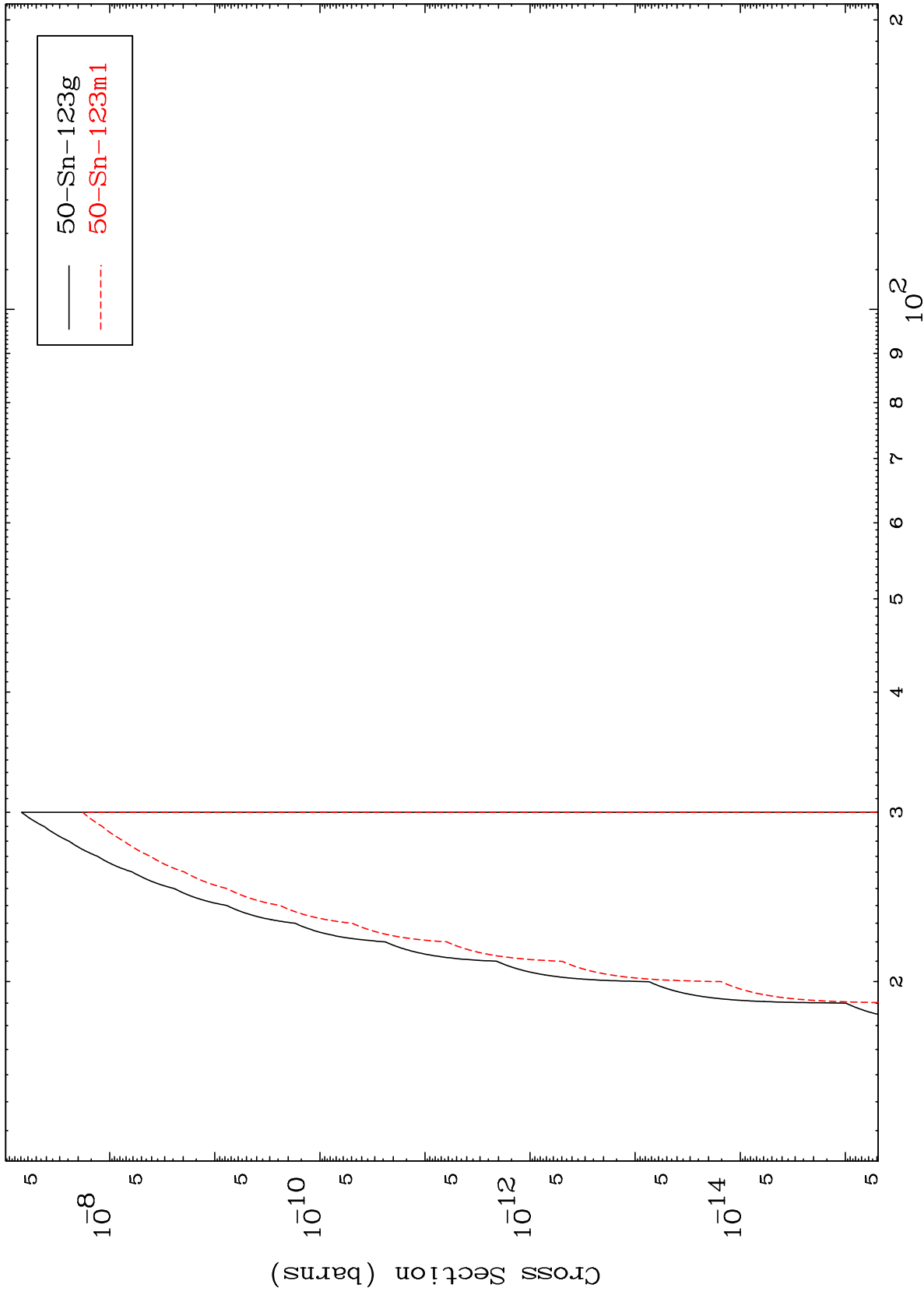
⁵²Te-125

MAT 5241

(n,p) d

⁵²Te-125

Radionuclide Production Cross Section



32

Incident Energy (MeV)

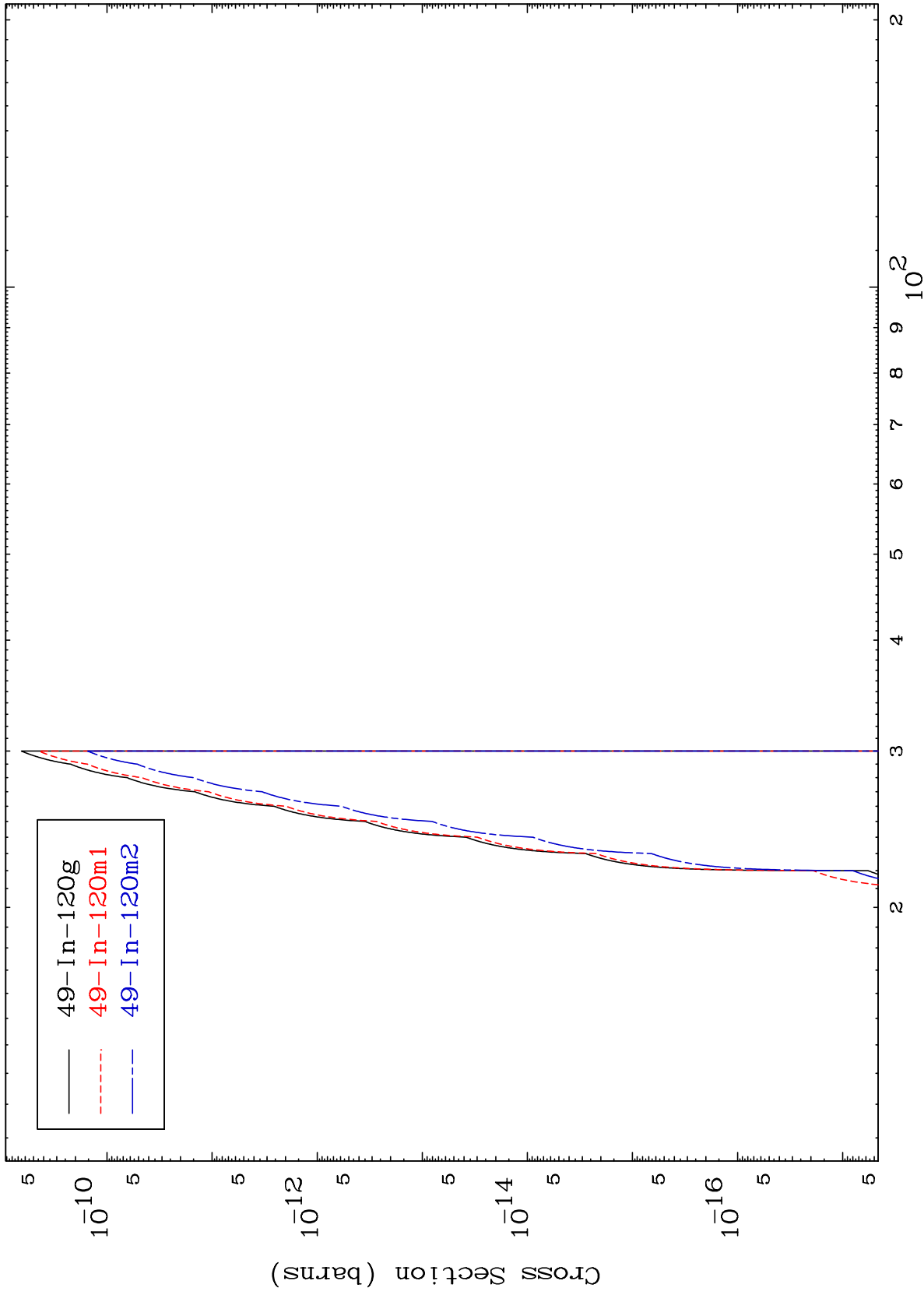
⁵²Te-125

MAT 5241

(n,d) α

52-Te-125

Radionuclide Production Cross Section



33

Incident Energy (MeV)

52-Te-125