

Program EVALPLOT
(Version 2018-1)

by

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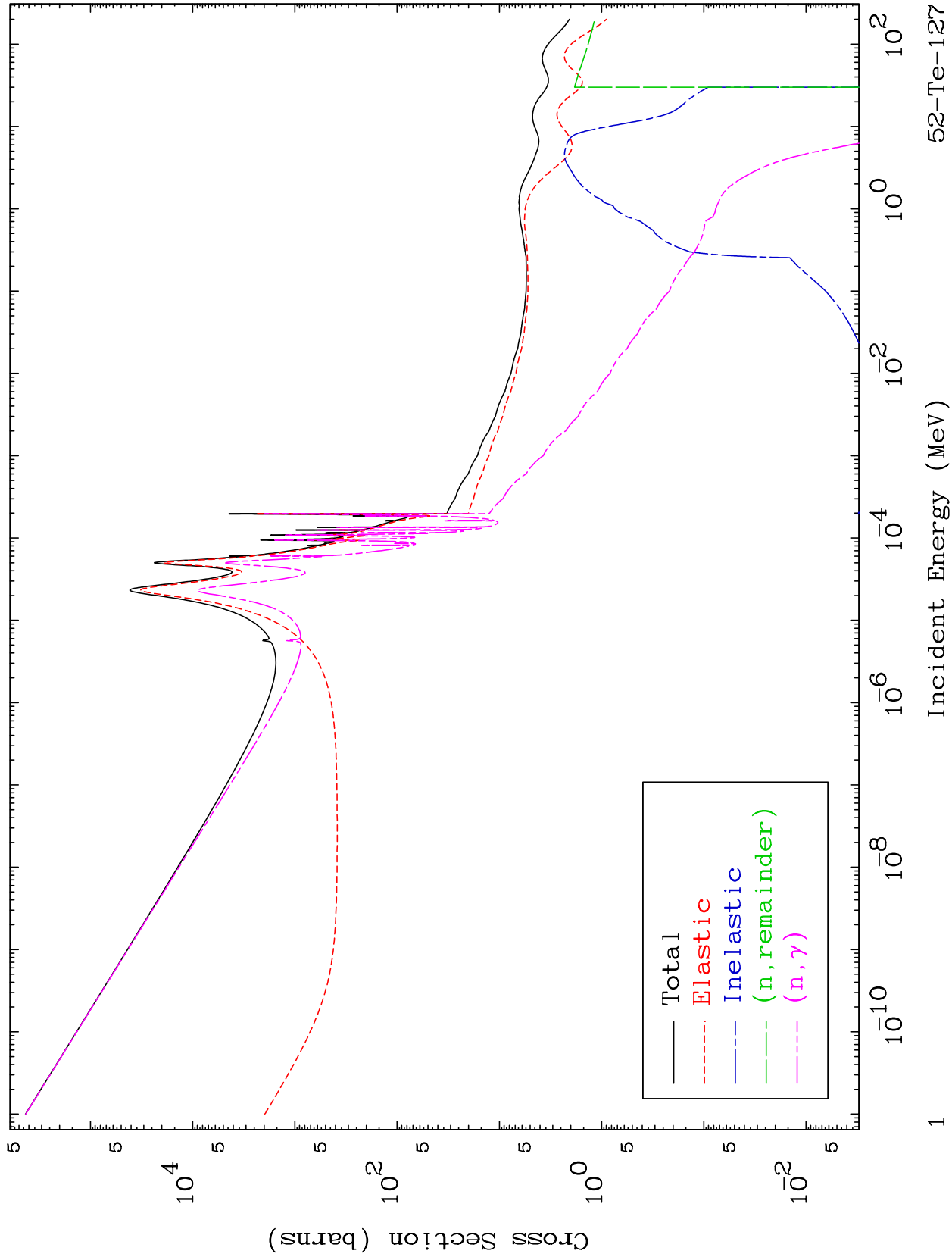
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5247

Major
293 Kelvin Cross Sections

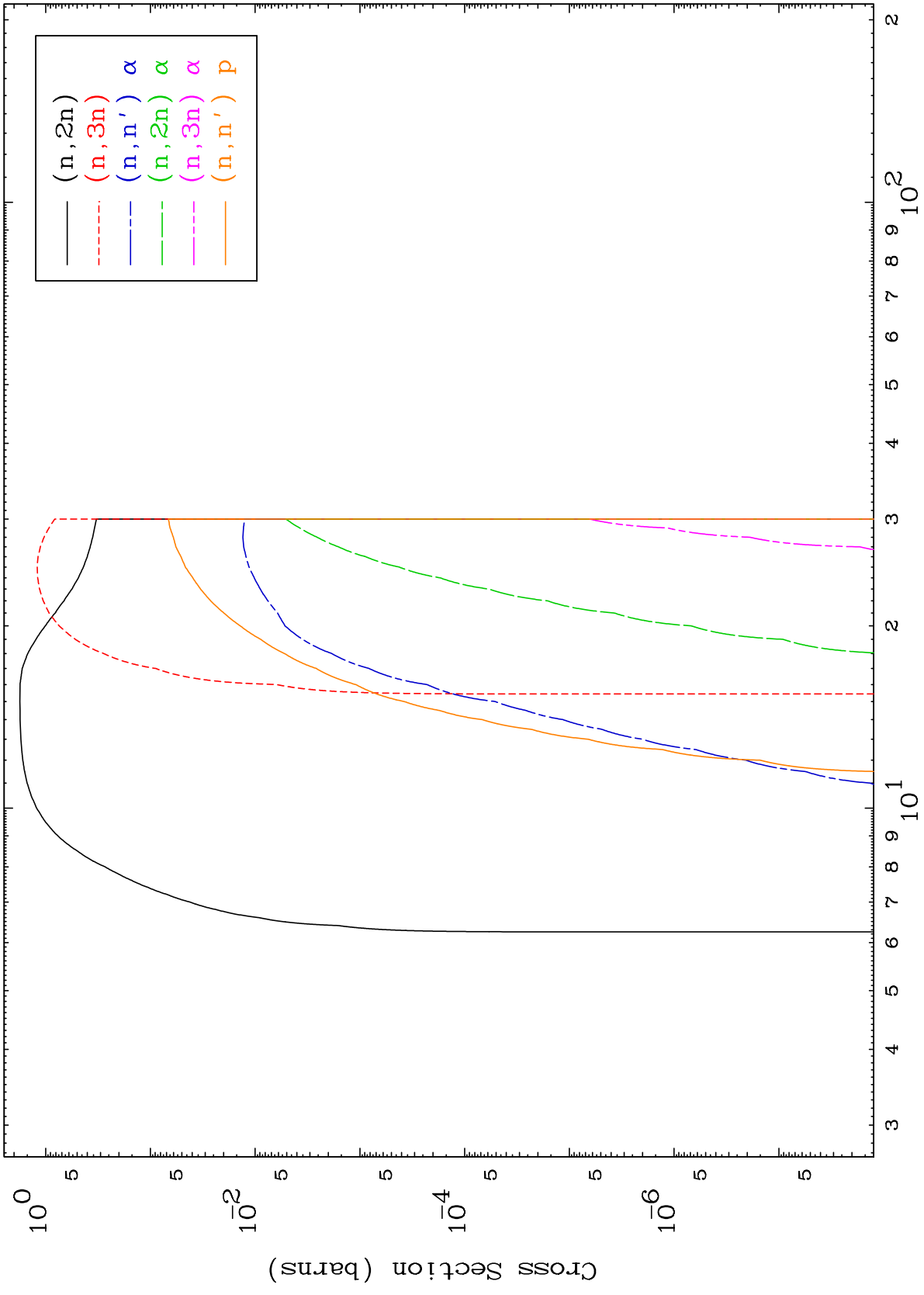
52-Te-127



MAT 5247

Neutron Production 293 Kelvin Cross Sections

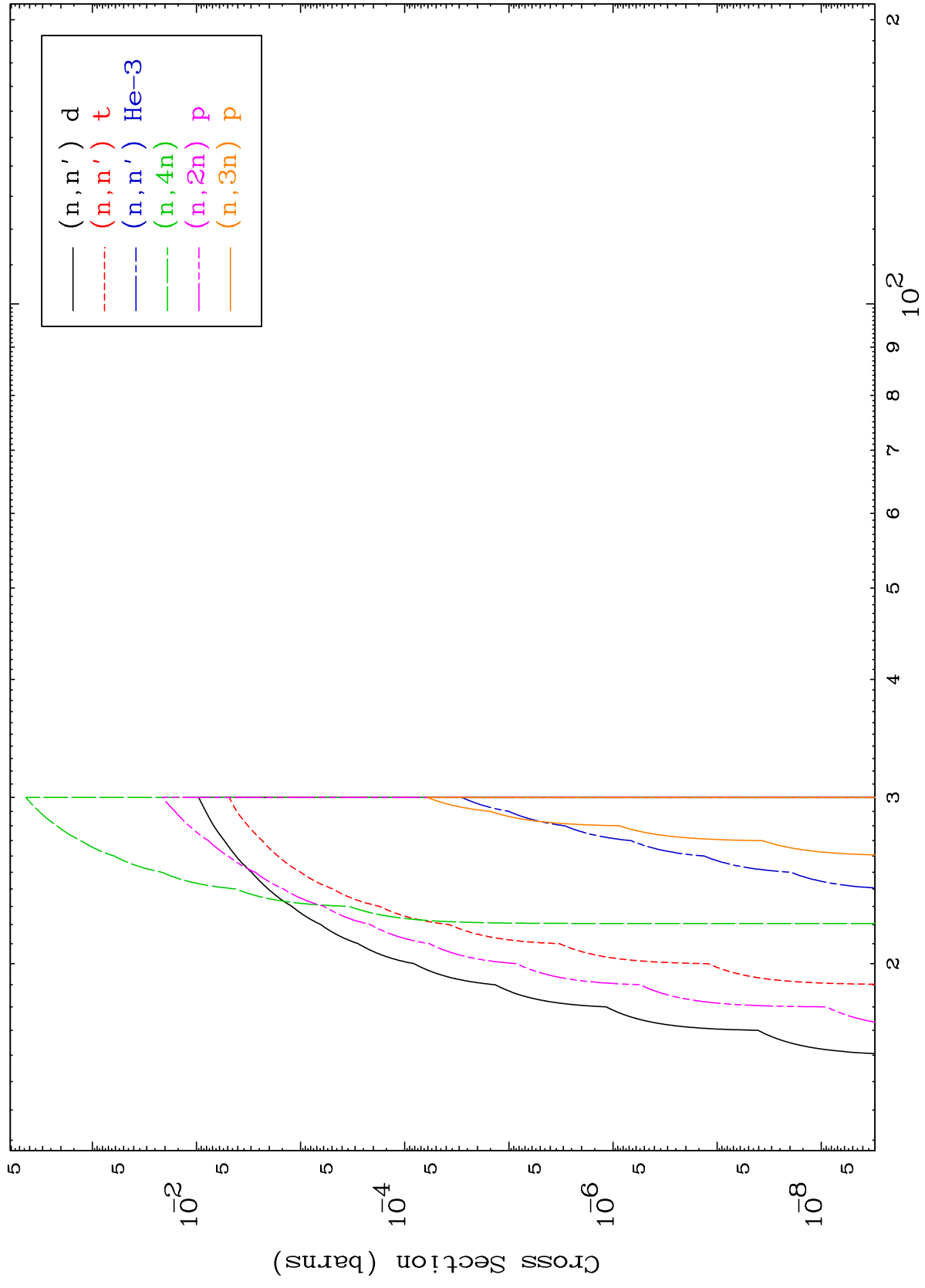
52-Te-127

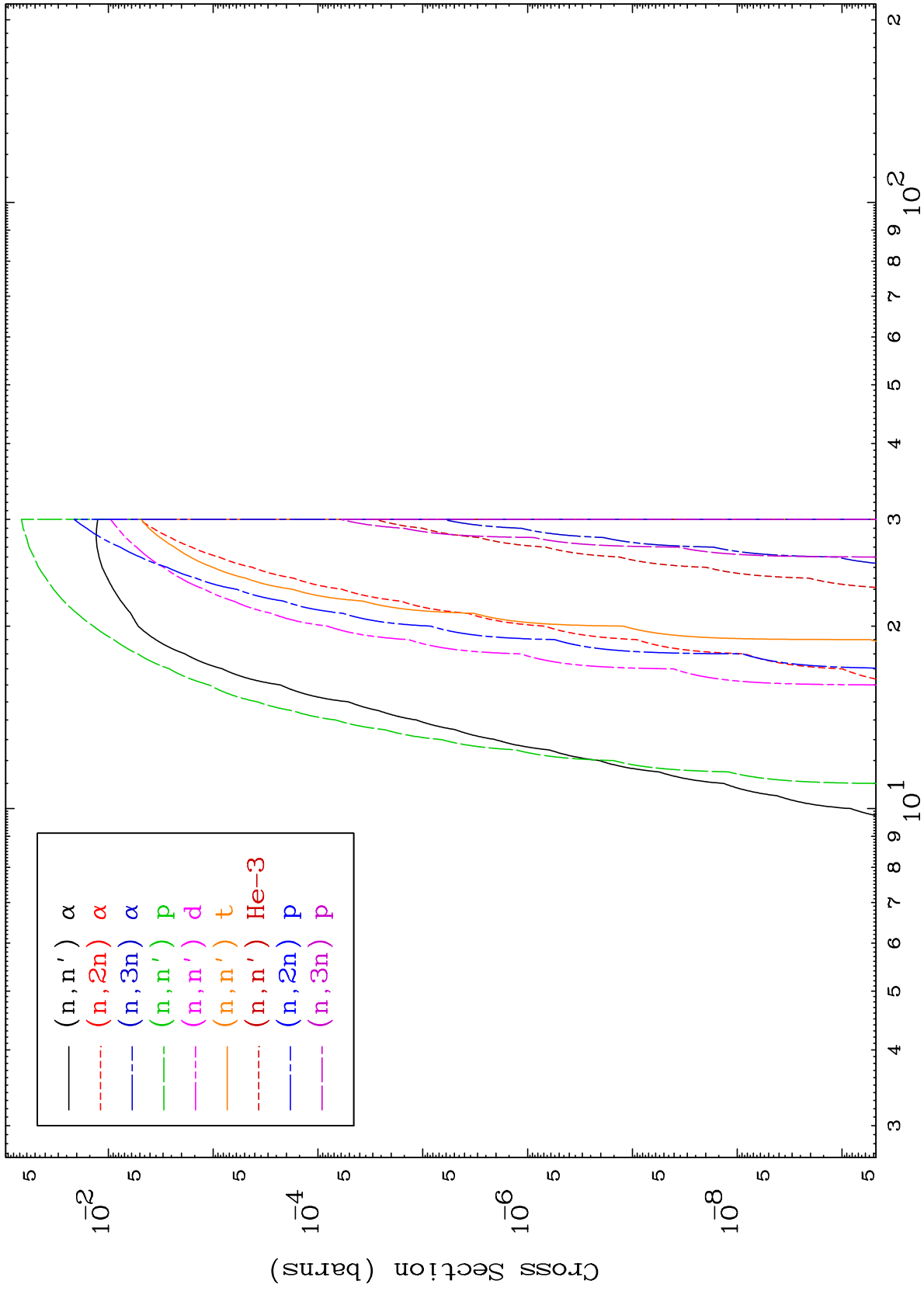


2

Incident Energy (MeV)

52-Te-127

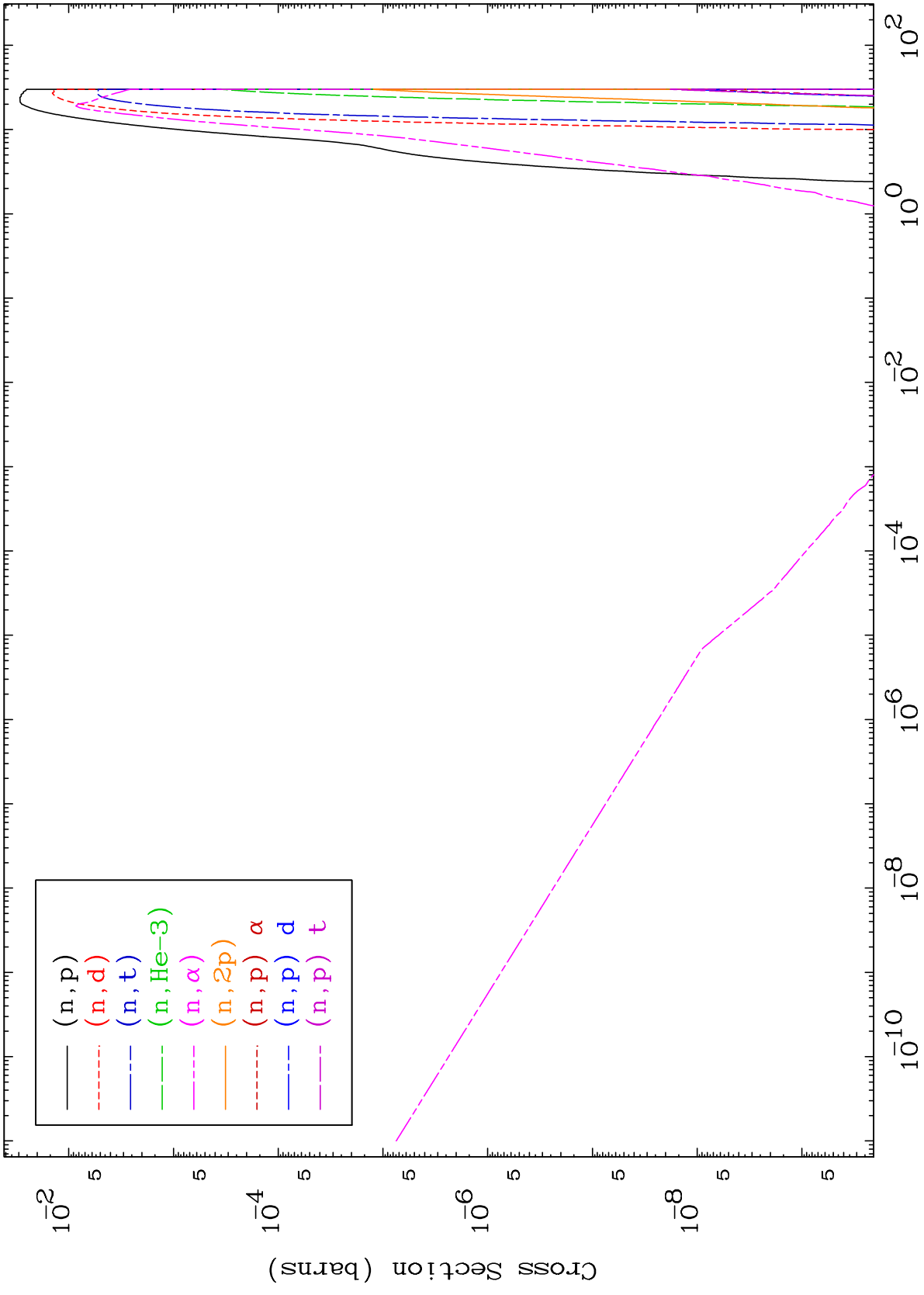




MAT 5247

Charged Particle
293 Kelvin Cross Sections

52-Te-127

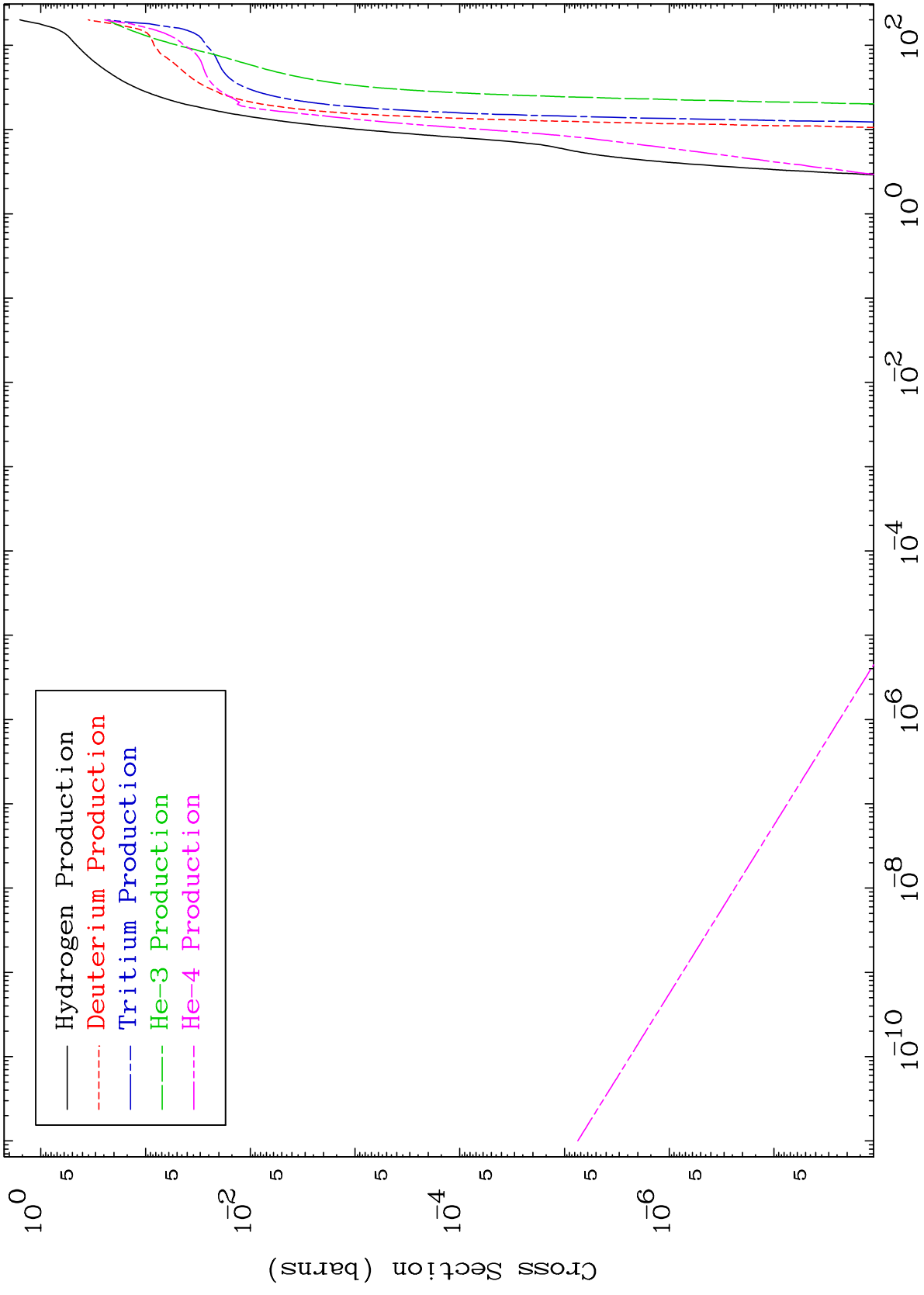


52-Te-127

MAT 5247

Particle Production
293 Kelvin Cross Sections

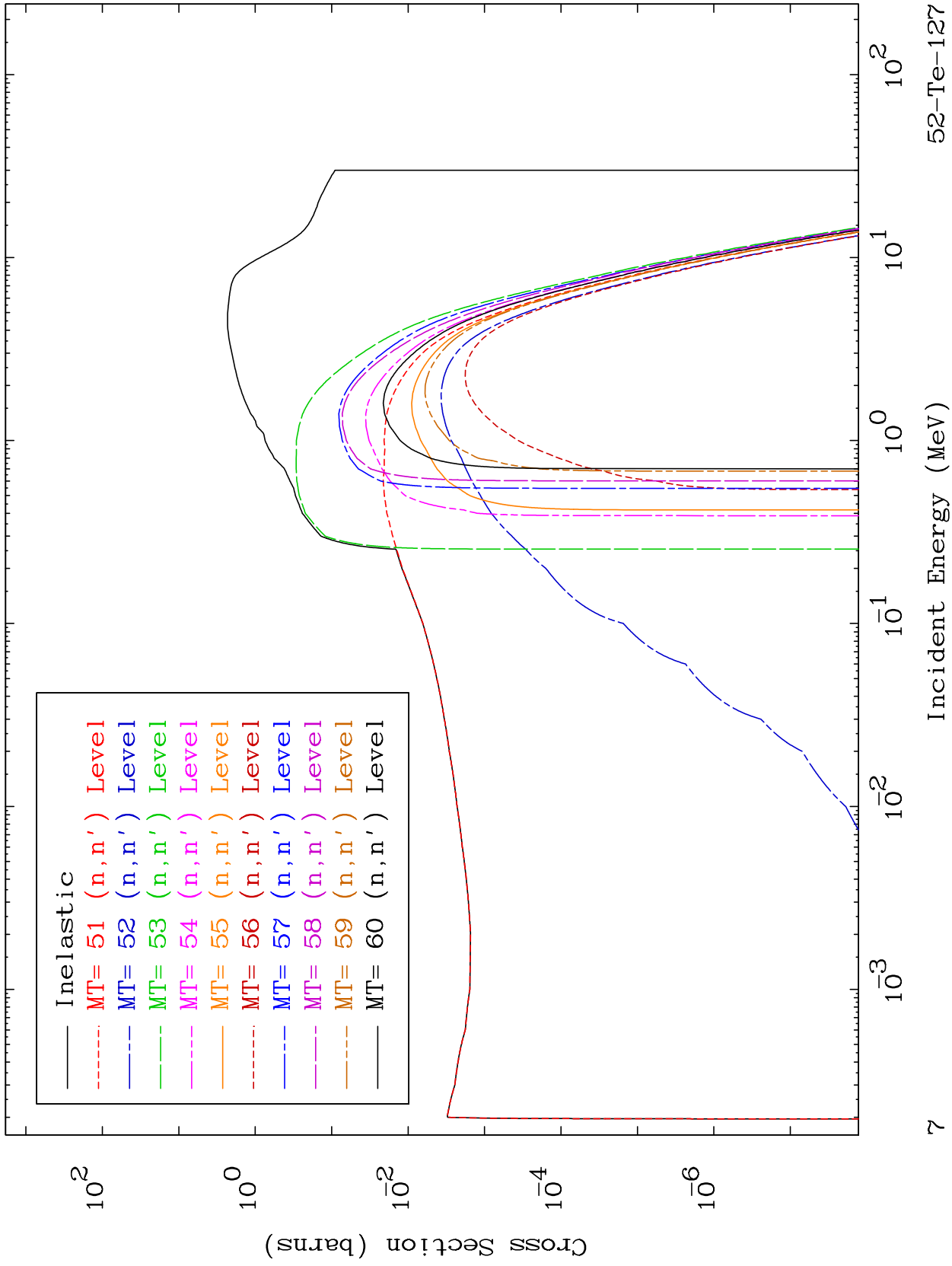
52-Te-127



MAT 5247

293 Kelvin Cross Sections

52-Te-127

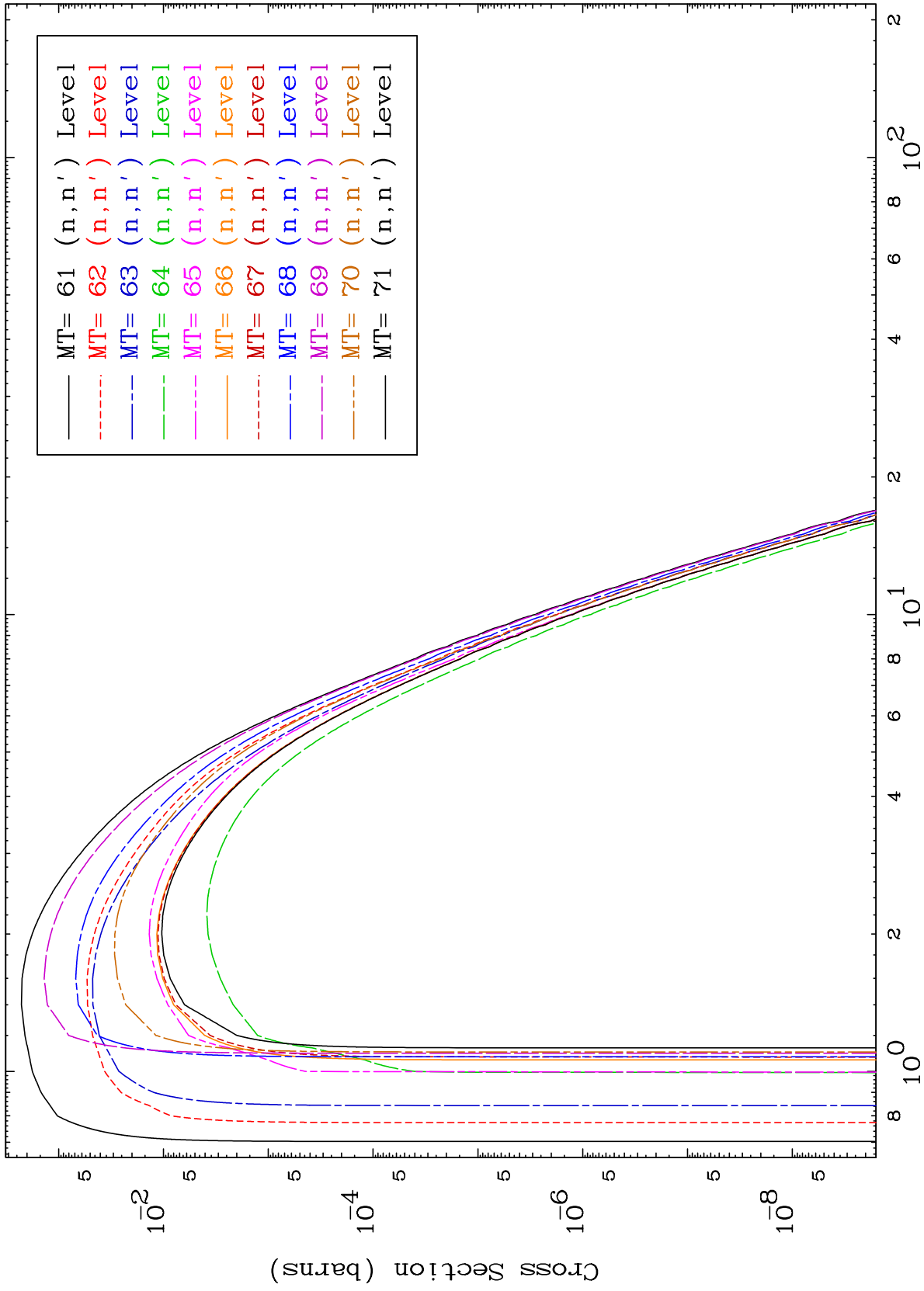


MAT 5247

(n,n') Level

52-Te-127

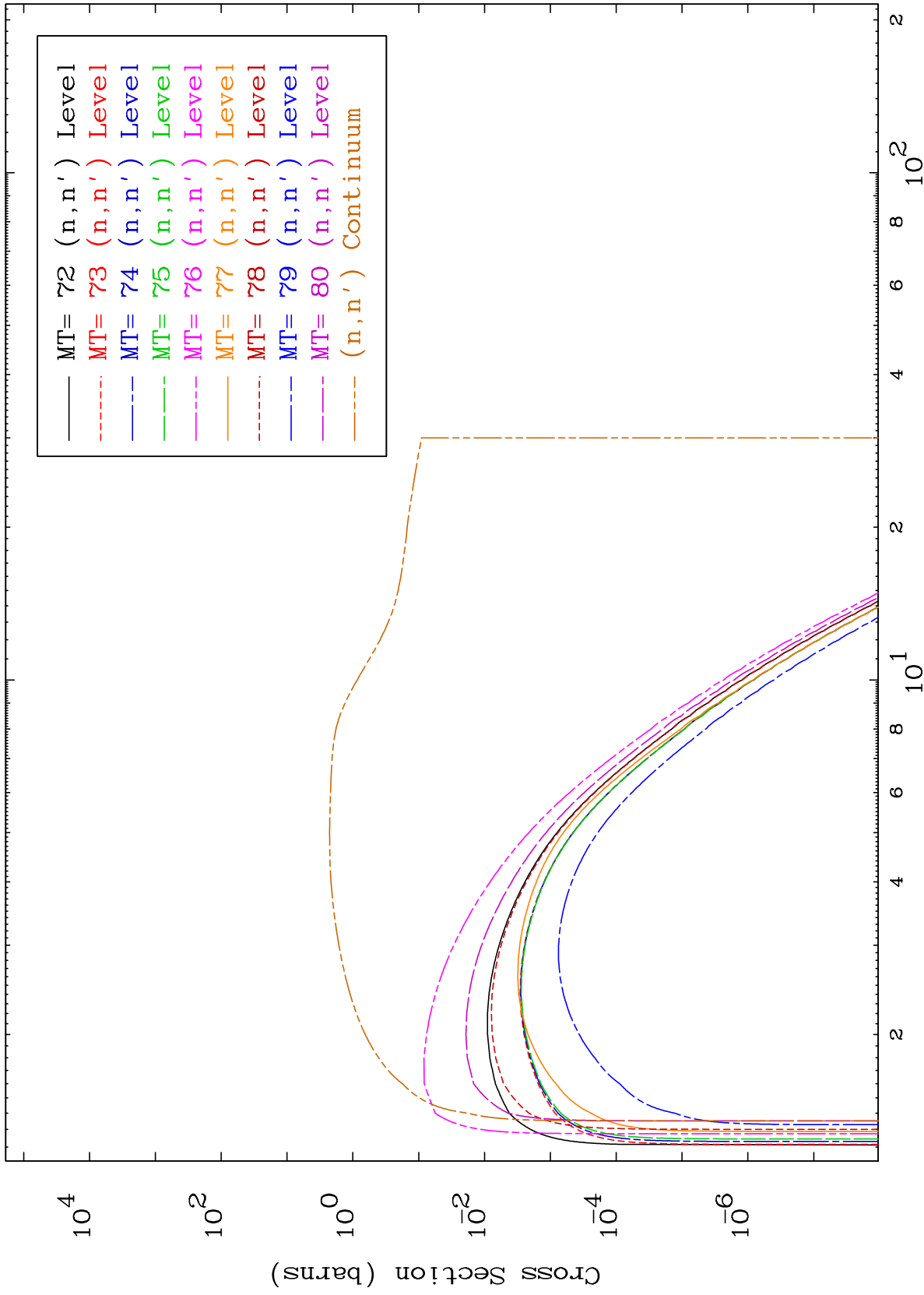
293 Kelvin Cross Sections



8

Incident Energy (MeV)

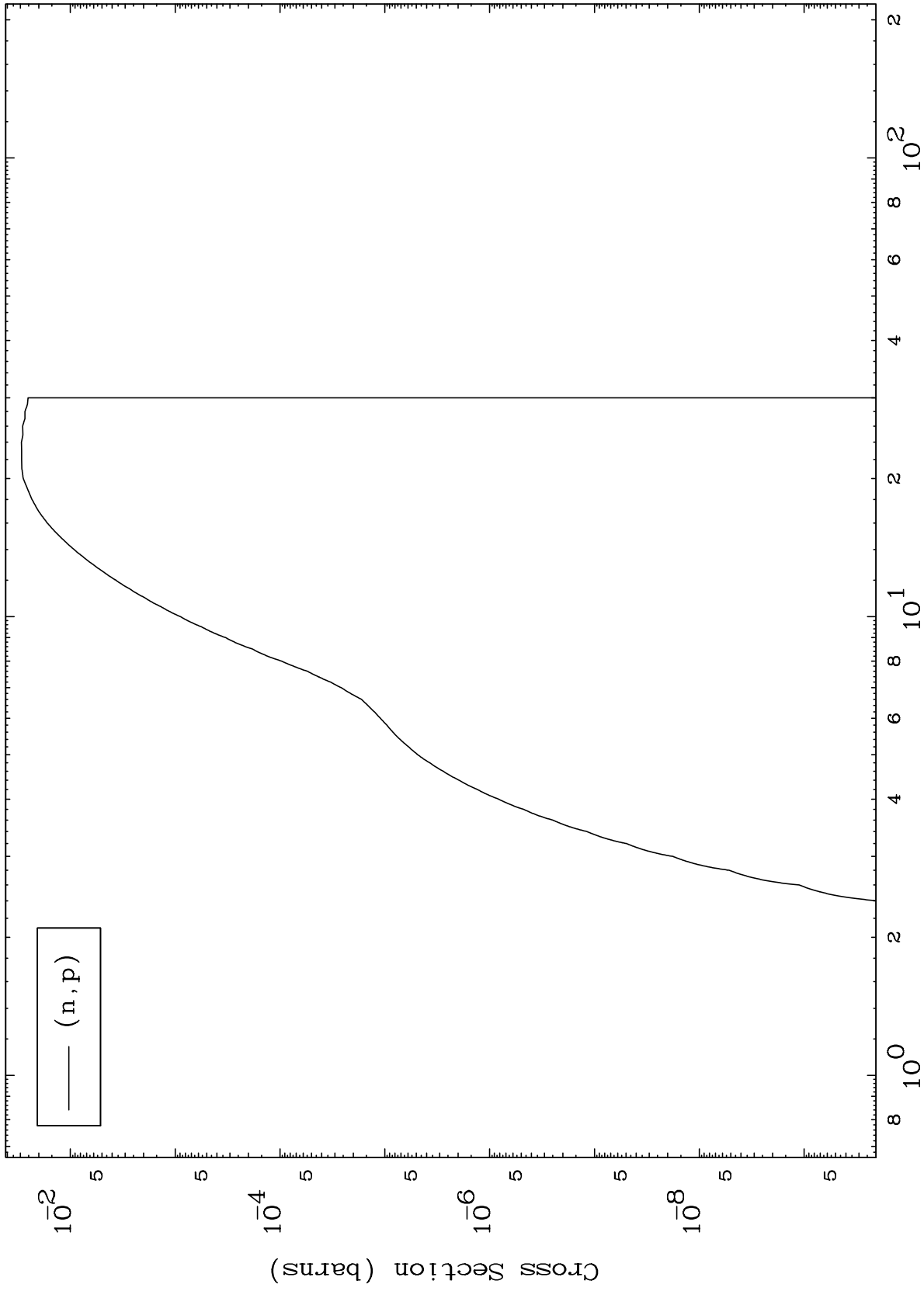
52-Te-127



MAT 5247

(n,p) Levels
293 Kelvin Cross Sections

52-Te-127



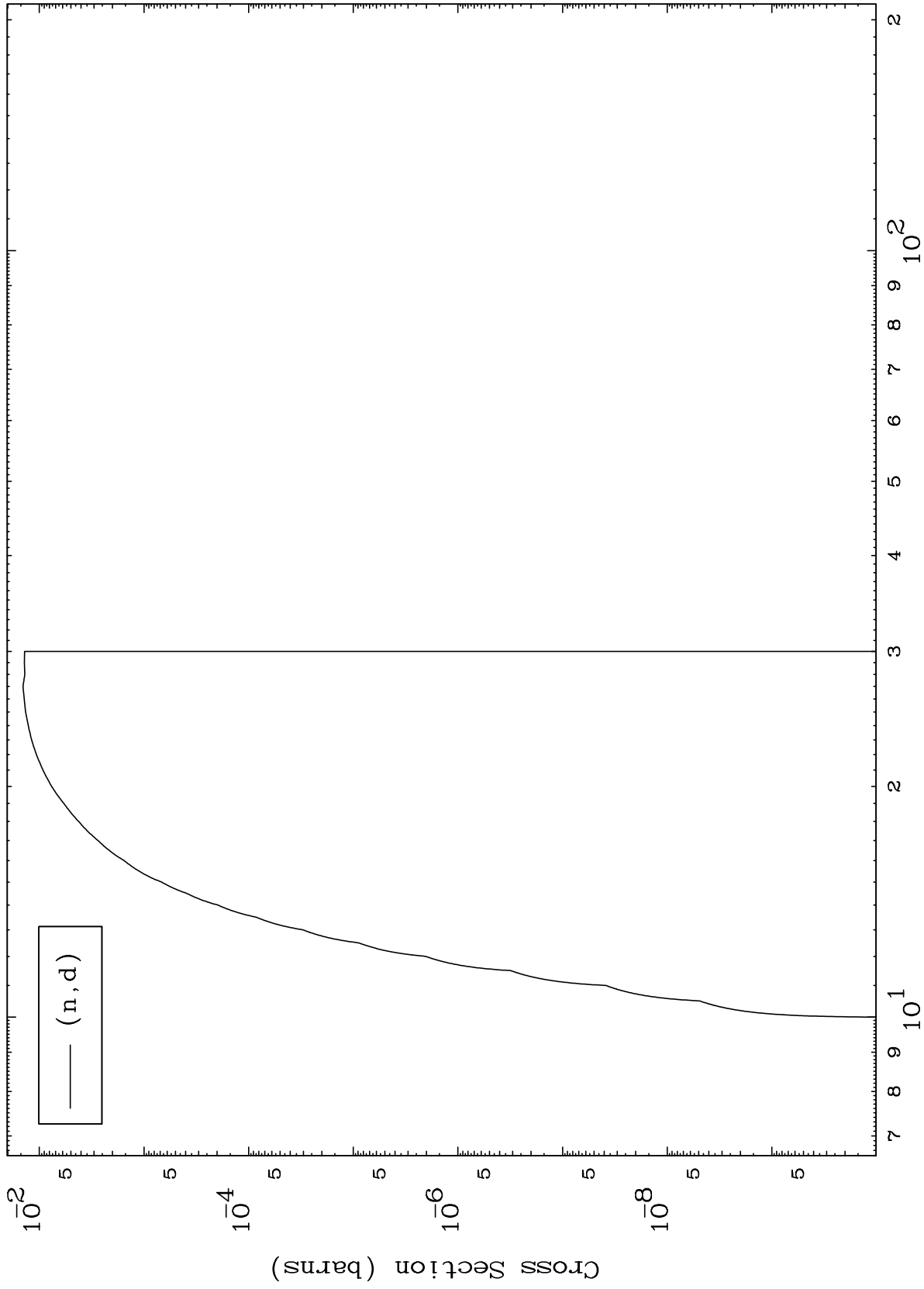
Incident Energy (MeV)

52-Te-127

MAT 5247

(n,d) Levels
293 Kelvin Cross Sections

52-Te-127



11

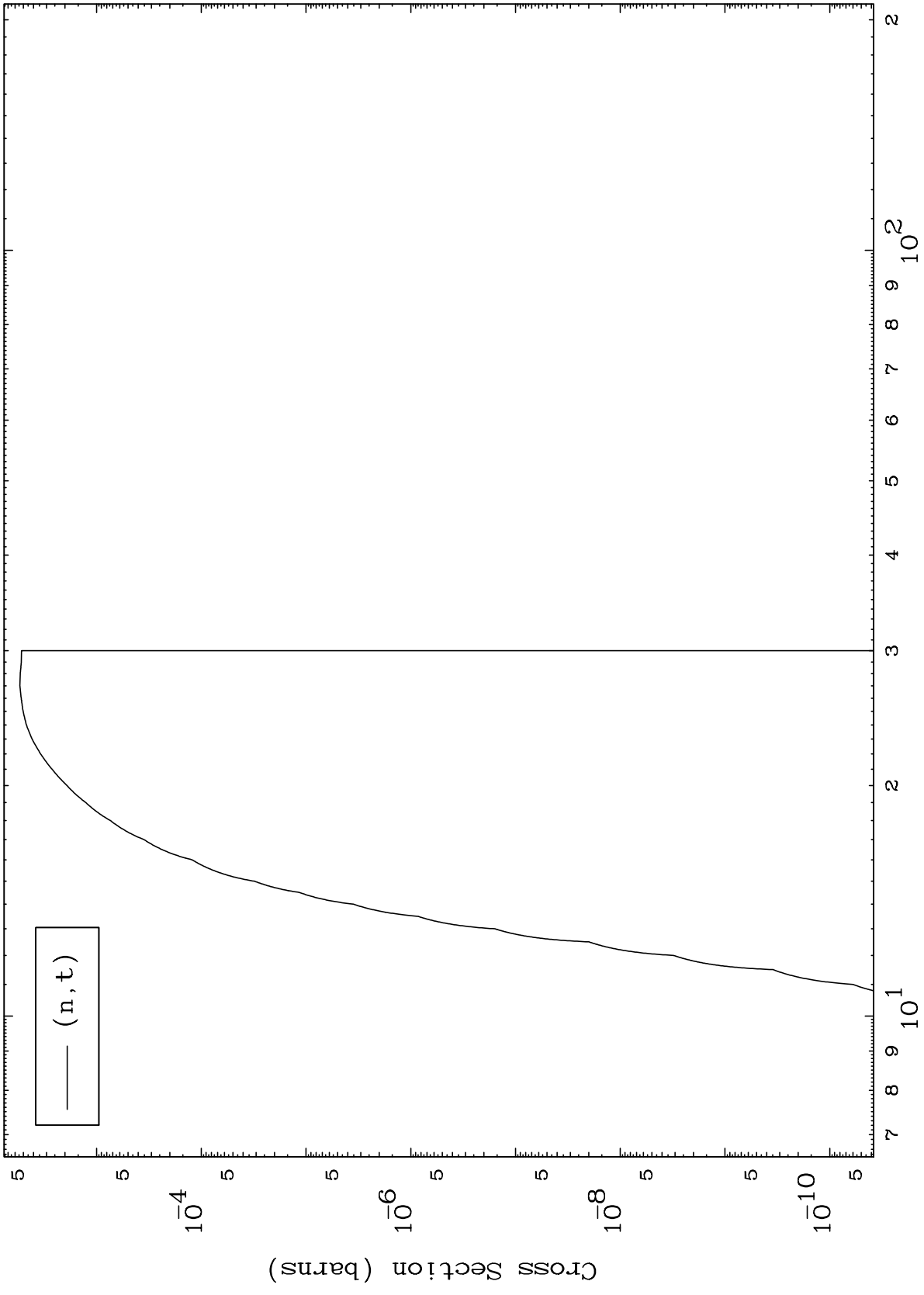
Incident Energy (MeV)

52-Te-127

MAT 5247

(n,t) Levels
293 Kelvin Cross Sections

52-Te-127



12

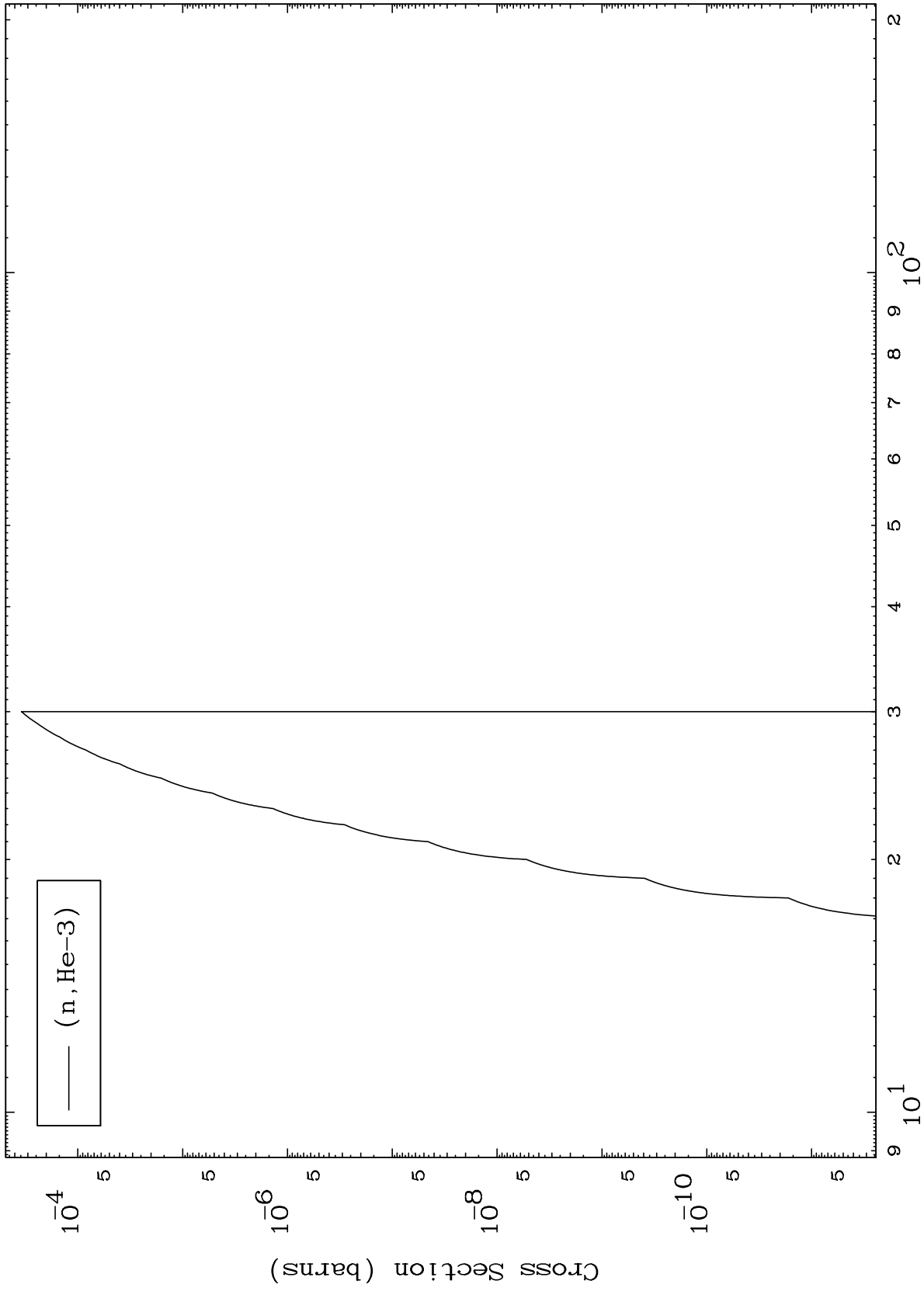
Incident Energy (MeV)

52-Te-127

MAT 5247

(n,He3) Levels
293 Kelvin Cross Sections

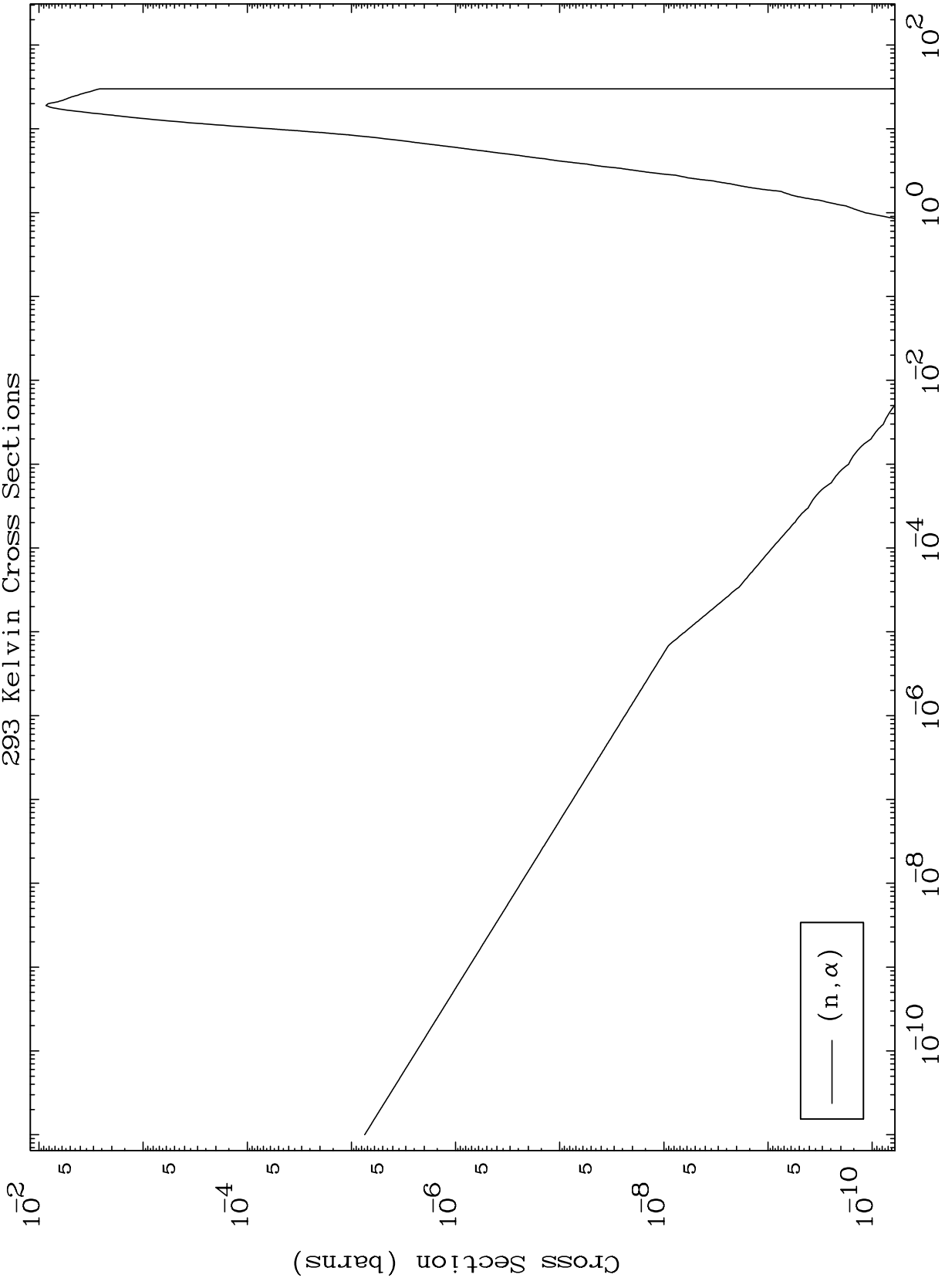
52-Te-127



MAT 5247

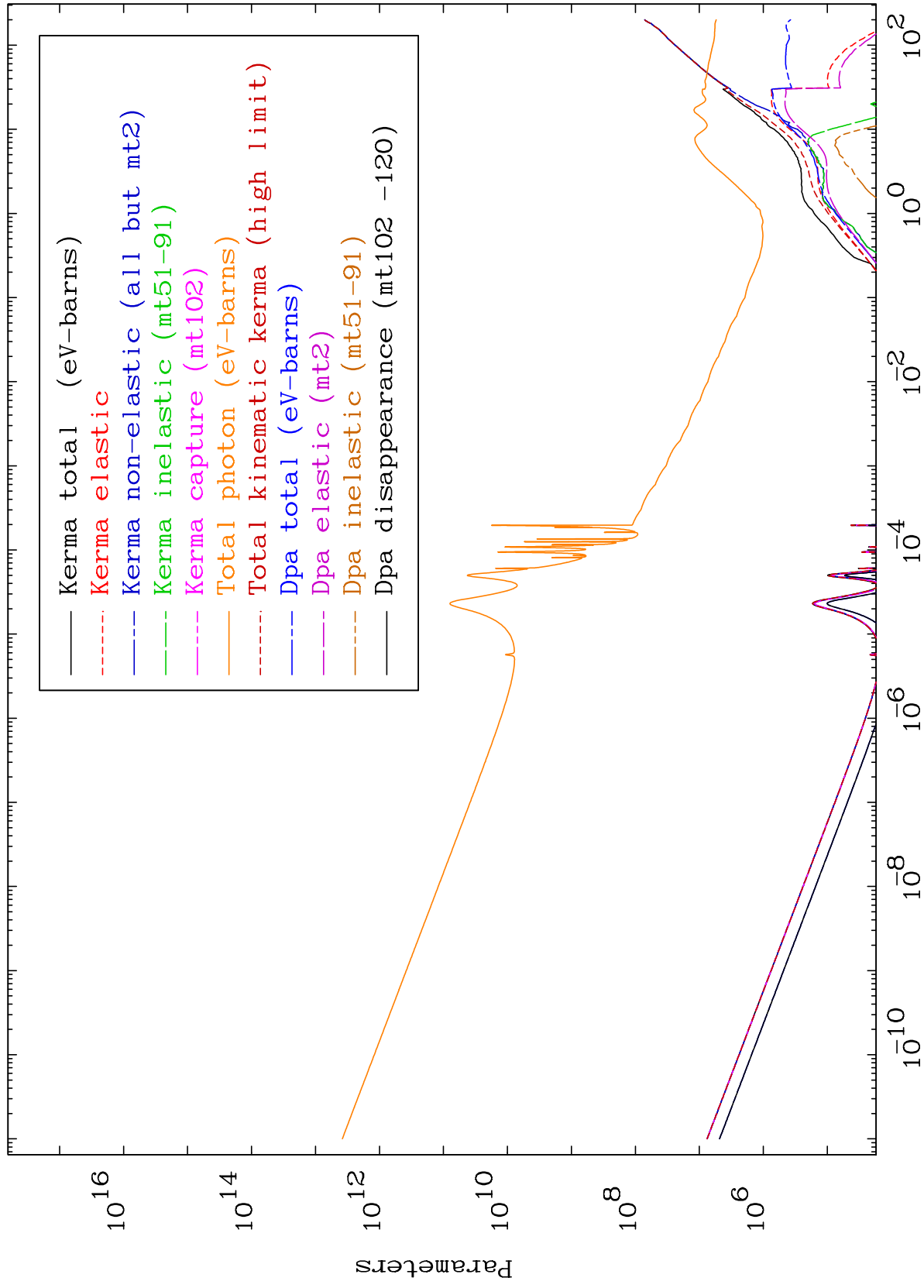
(n,α) Levels
293 Kelvin Cross Sections

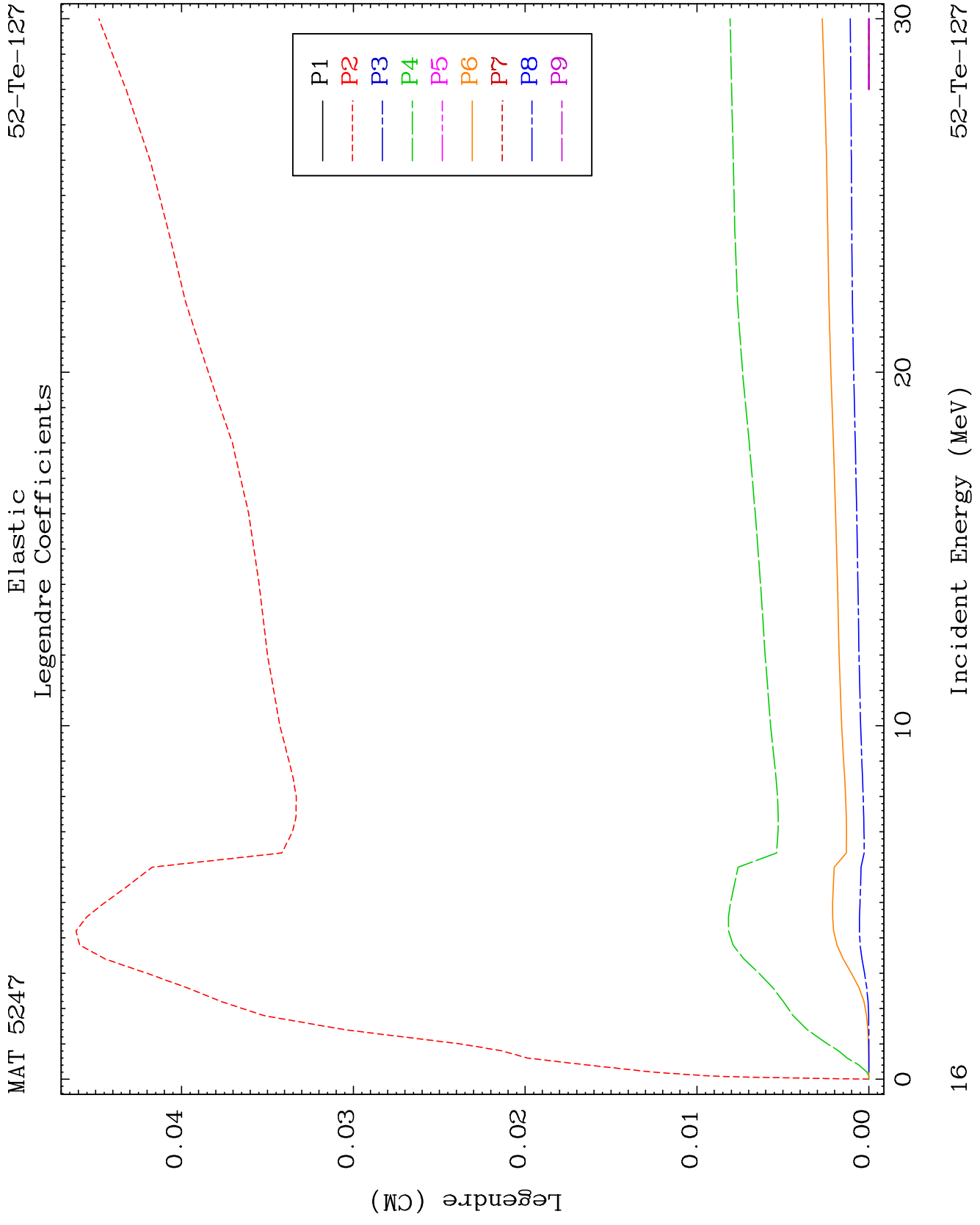
52-Te-127



(n,α)

52-Te-127





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Elastic Legendre Coefficients

$^{52}\text{Te-127}$

16

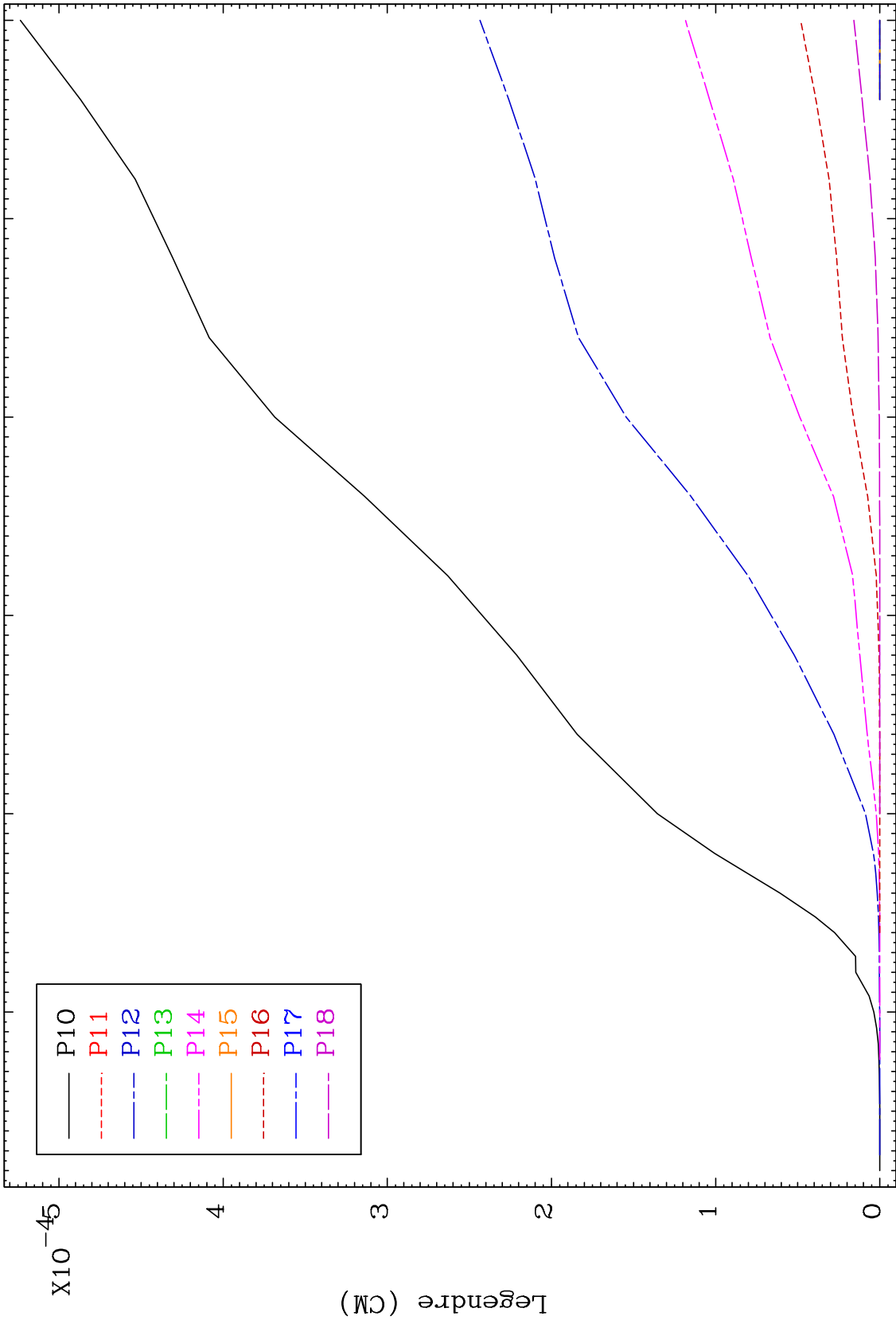
Incident Energy (MeV)

$^{52}\text{Te-127}$

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Elastic Legendre Coefficients

⁵²Te-127



17

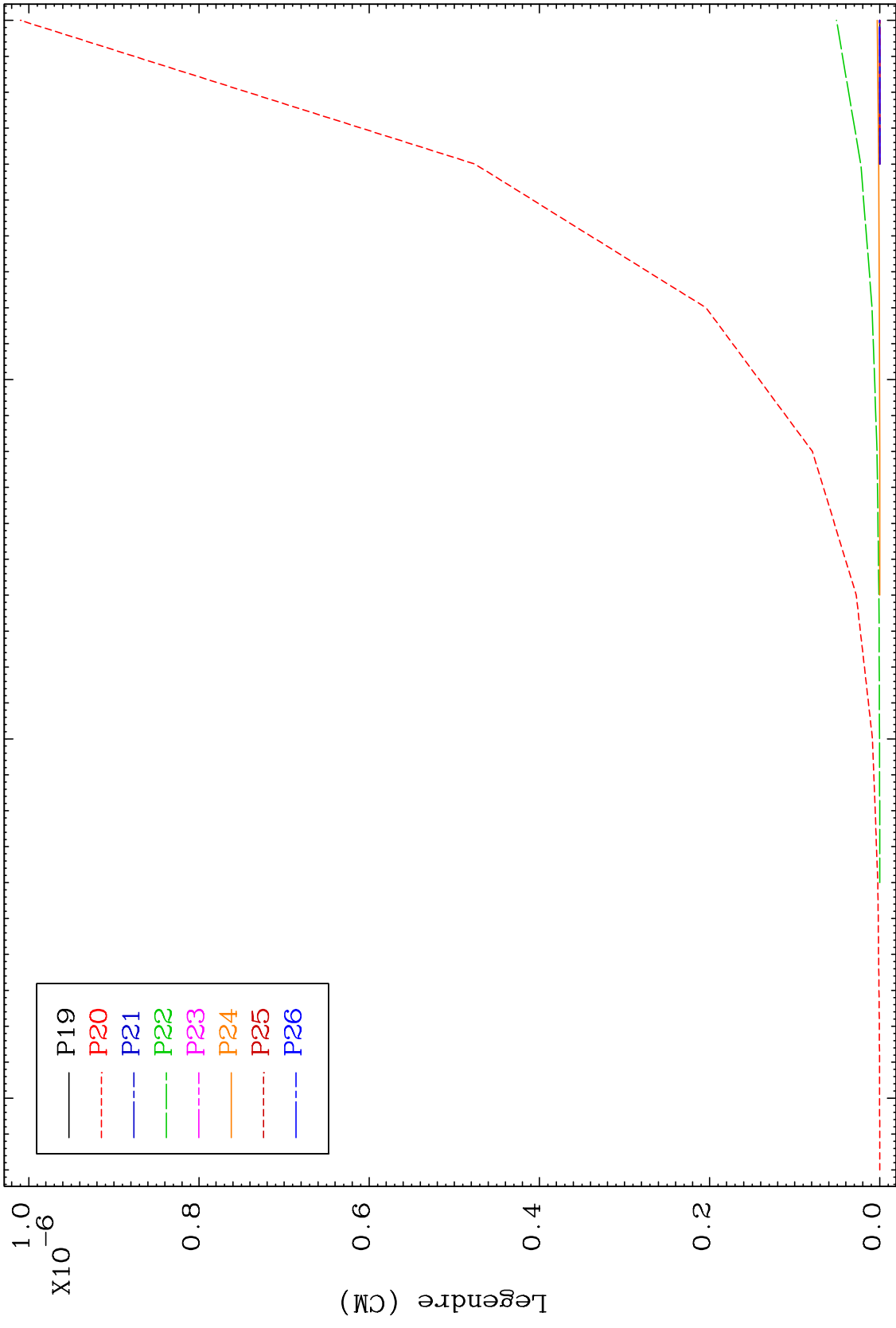
Incident Energy (MeV)

⁵²Te-127

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Elastic Legendre Coefficients

⁵²Te-127



18

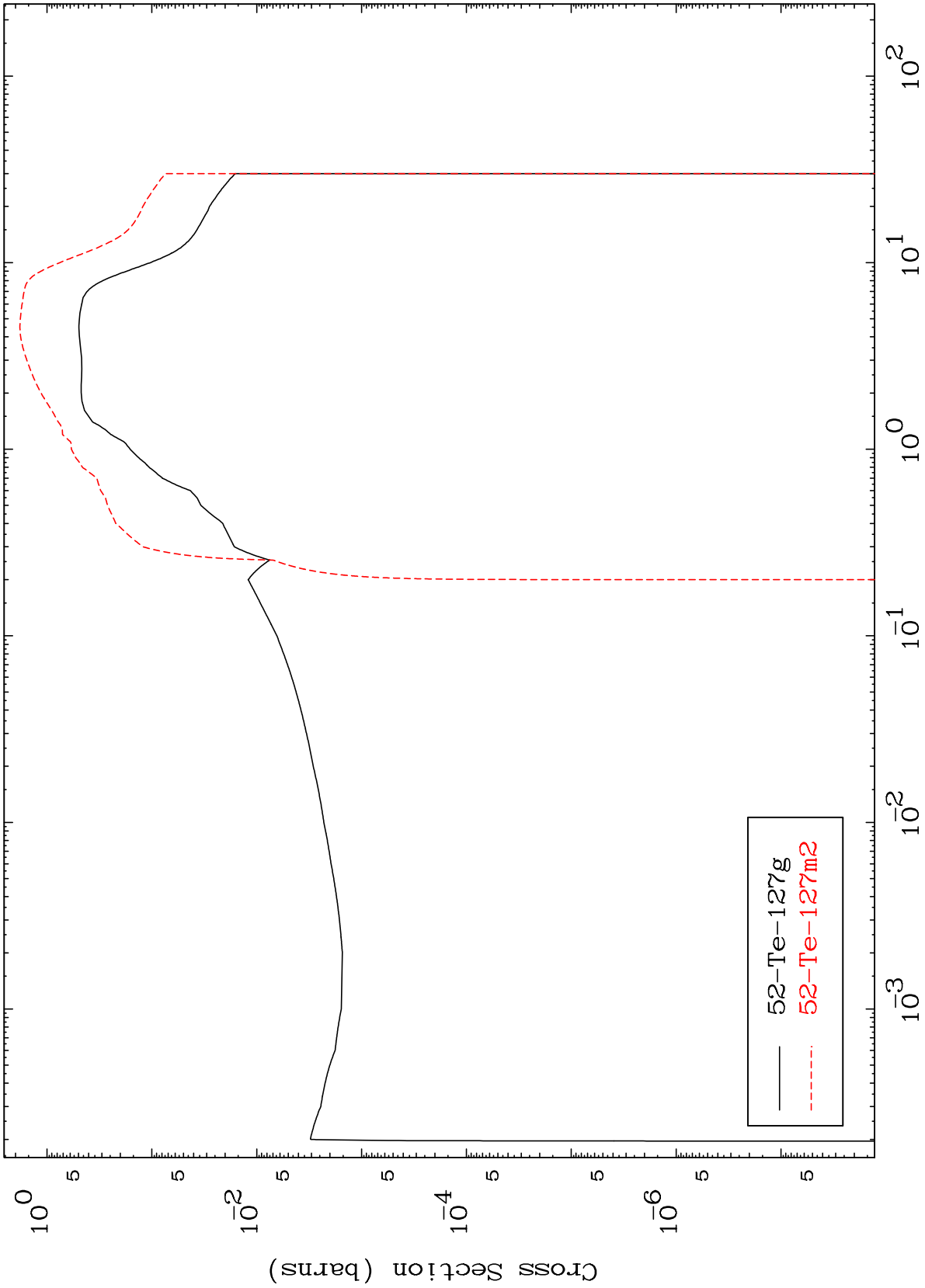
Incident Energy (MeV)

⁵²Te-127

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52-Te-127

Inelastic
Radionuclide Production Cross Section



— 52-Te-127g
- - - 52-Te-127m2

52-Te-127

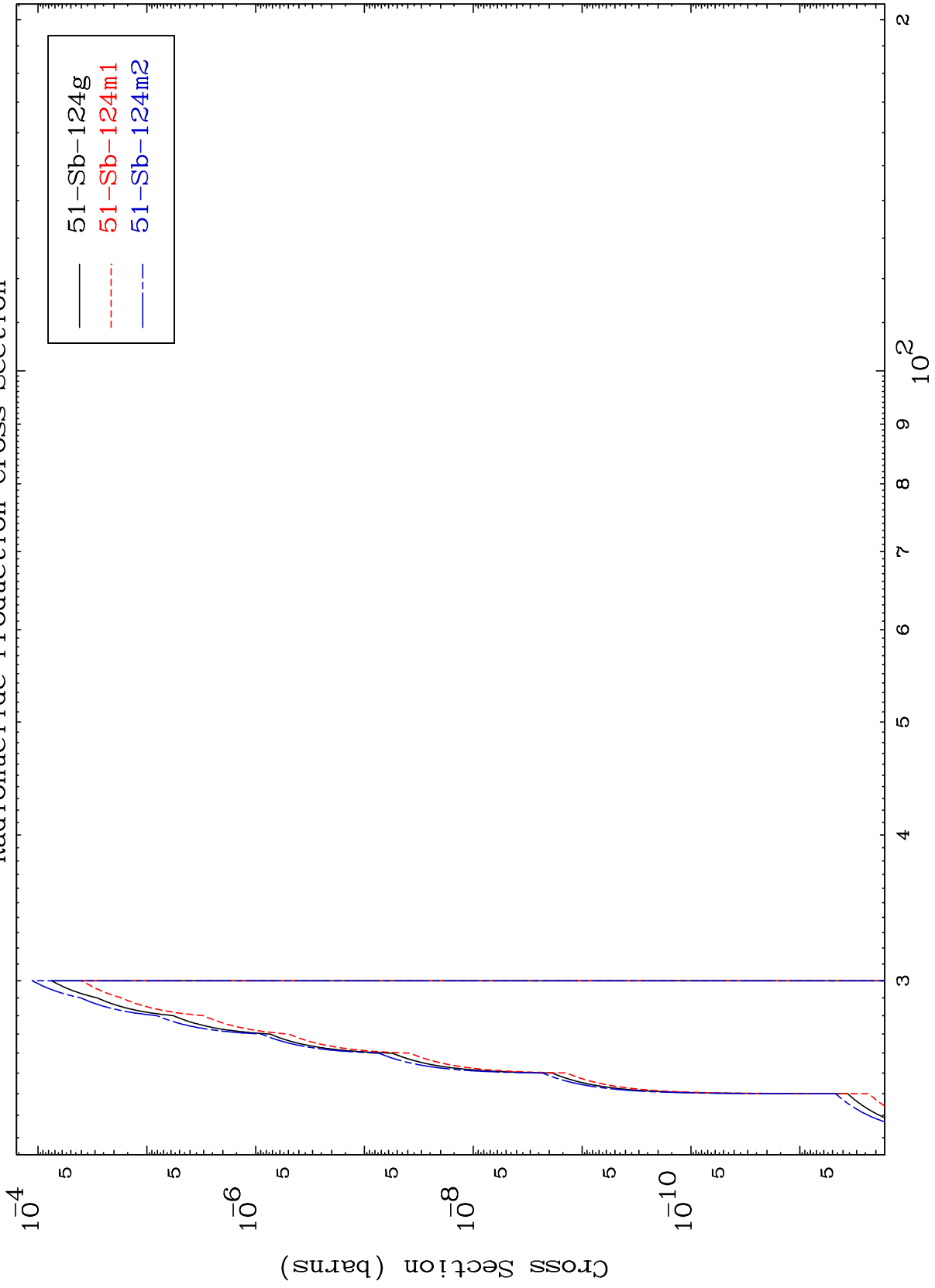
Incident Energy (MeV)

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(n,2n) d

52-Te-127

Radionuclide Production Cross Section



20

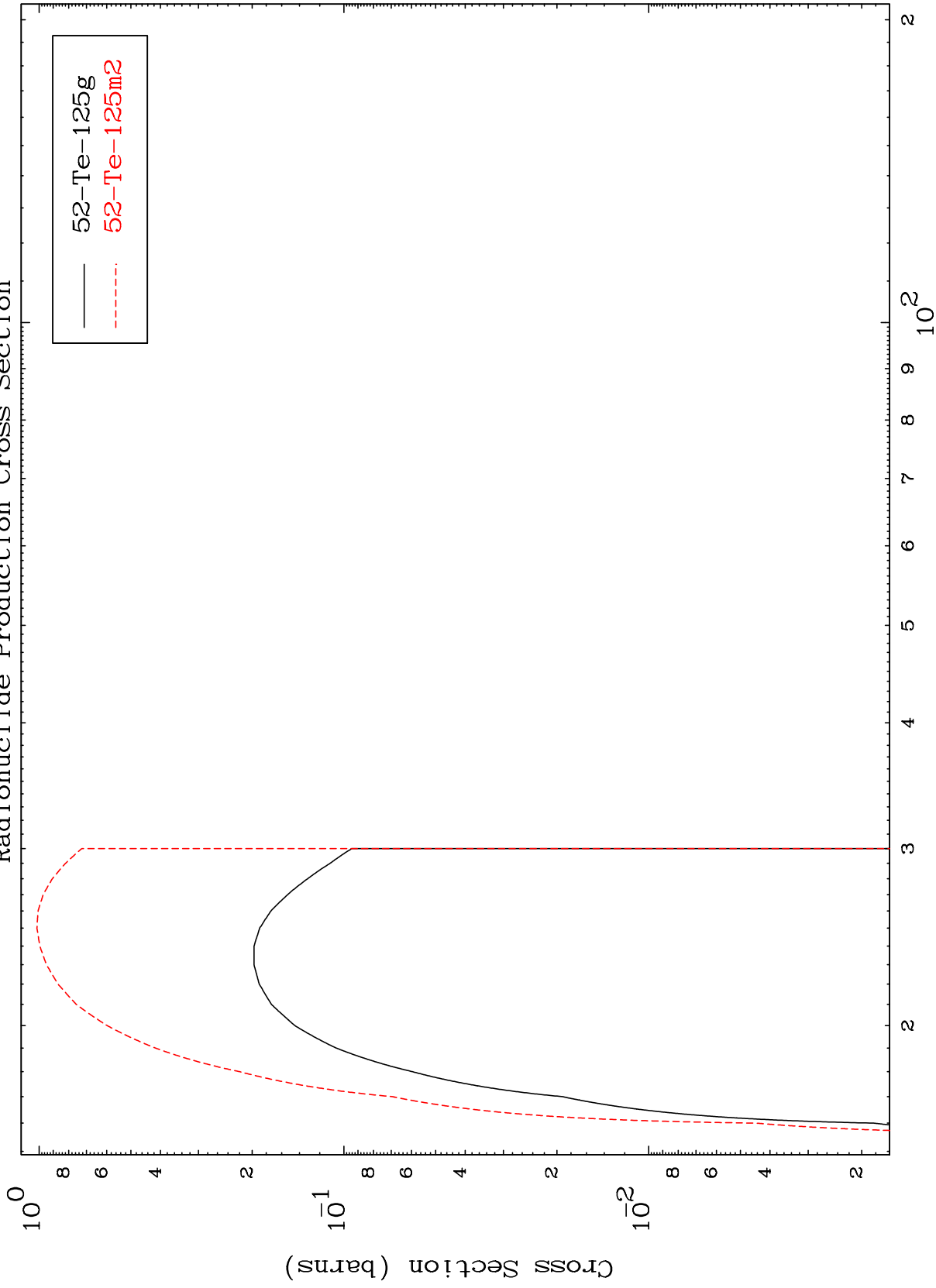
Incident Energy (MeV)

52-Te-127

MAT 5247

⁵²Te-127

(n,3n)
Radionuclide Production Cross Section



21

Incident Energy (MeV)

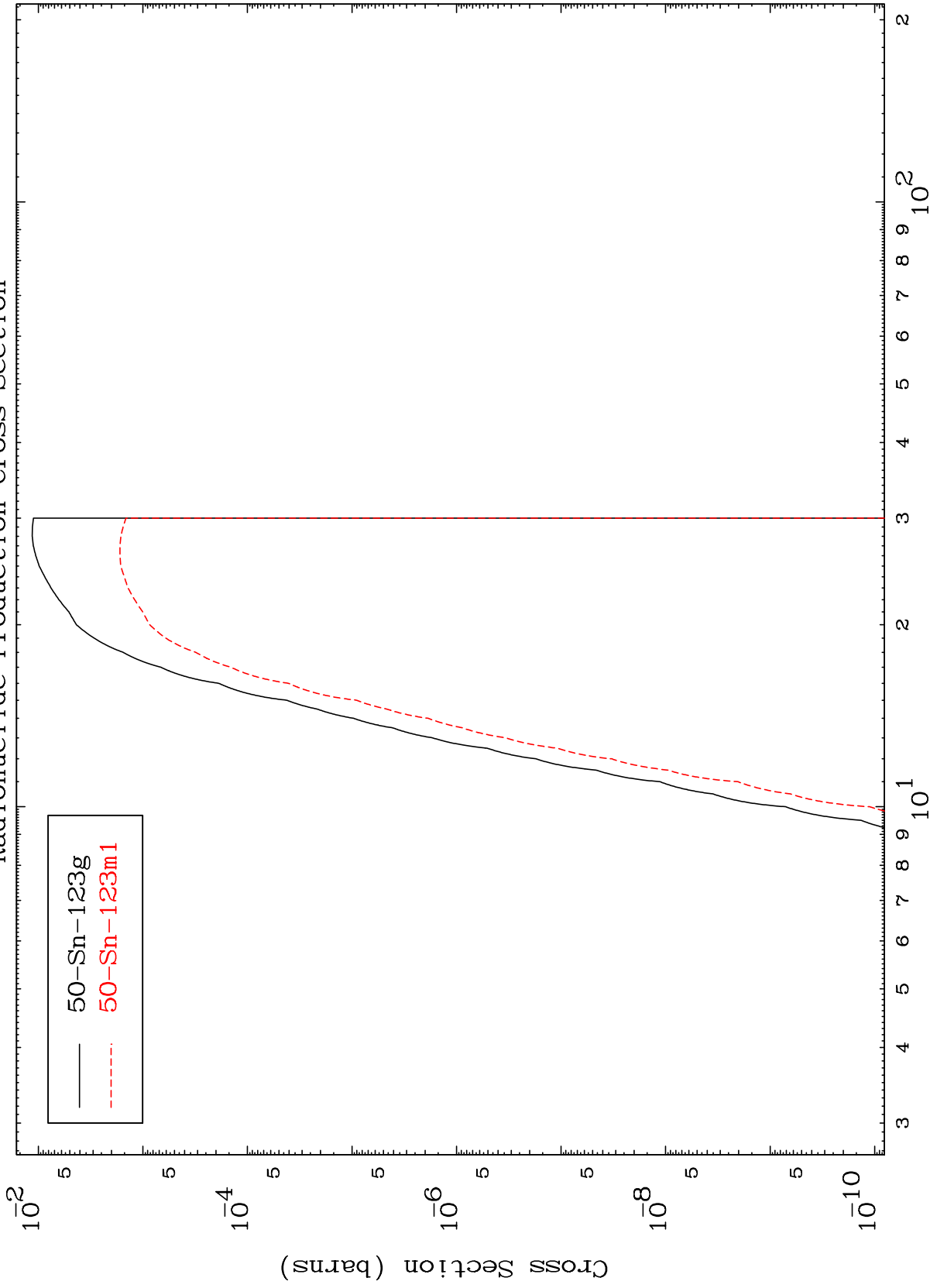
⁵²Te-127

MAT 5247

(n,n') α

52-Te-127

Radionuclide Production Cross Section



22

Incident Energy (MeV)

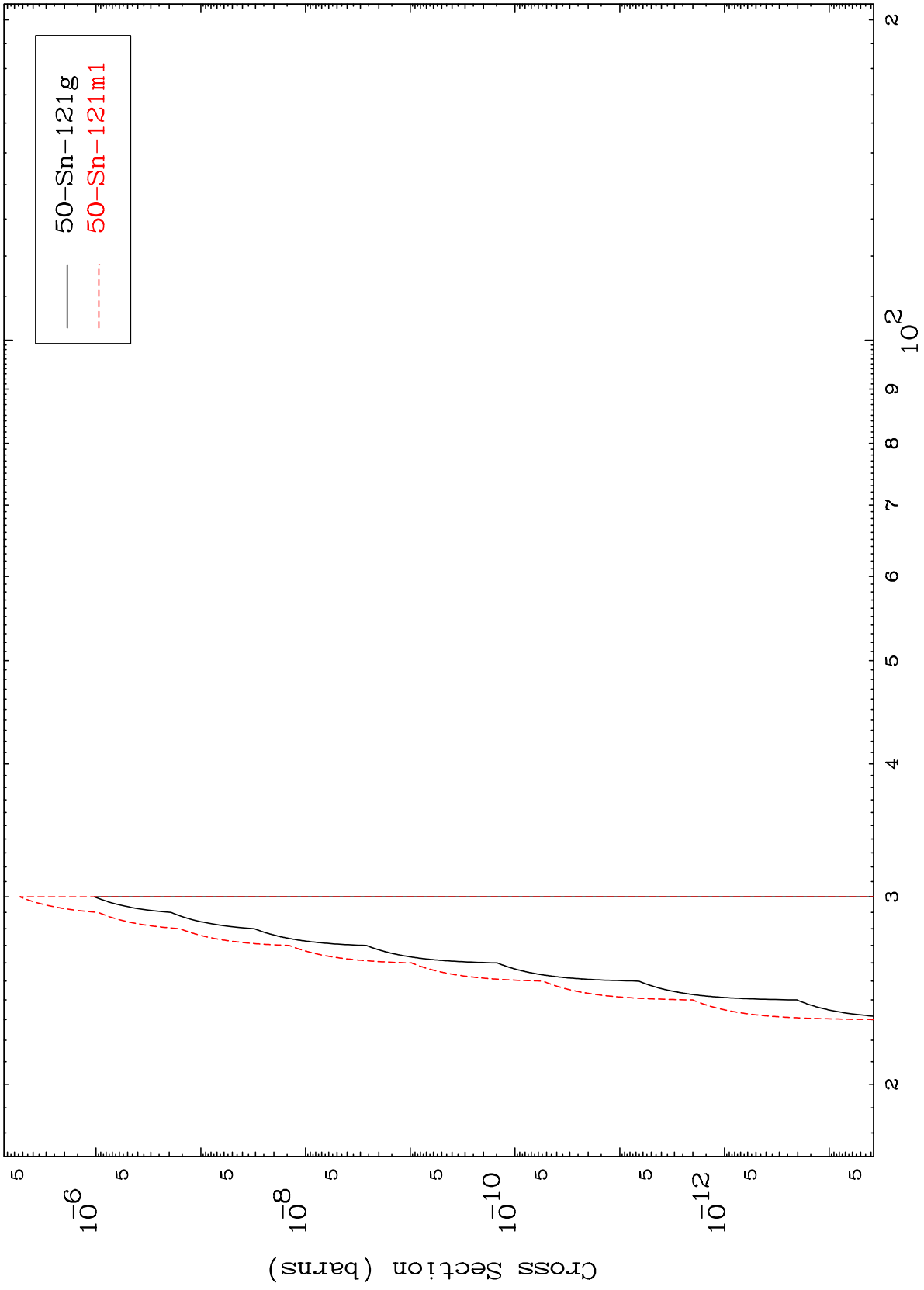
52-Te-127

MAT 5247

(n,3n) α

52-Te-127

Radionuclide Production Cross Section



23

Incident Energy (MeV)

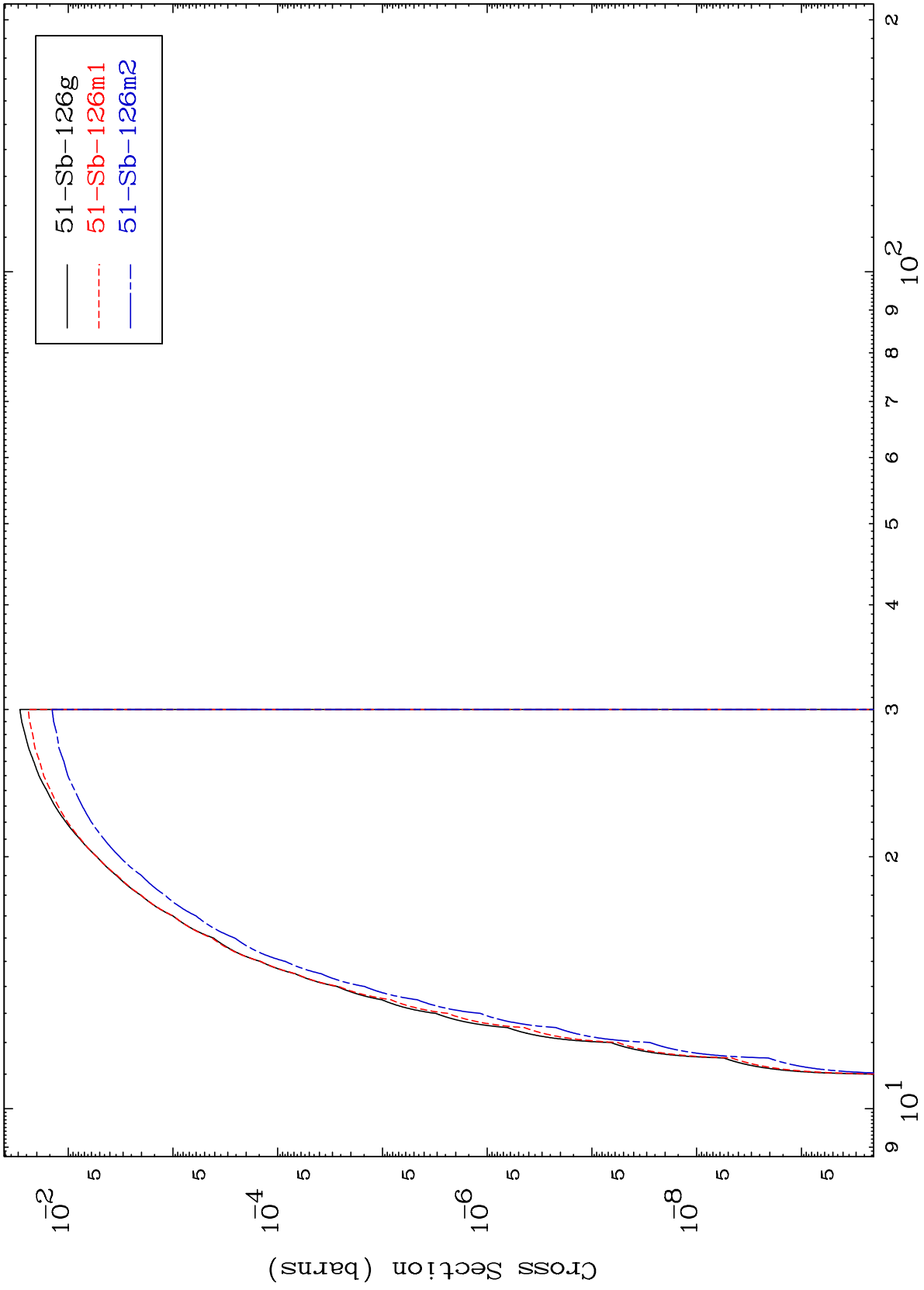
52-Te-127

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(n,n') p

52-Te-127

Radionuclide Production Cross Section



24

Incident Energy (MeV)

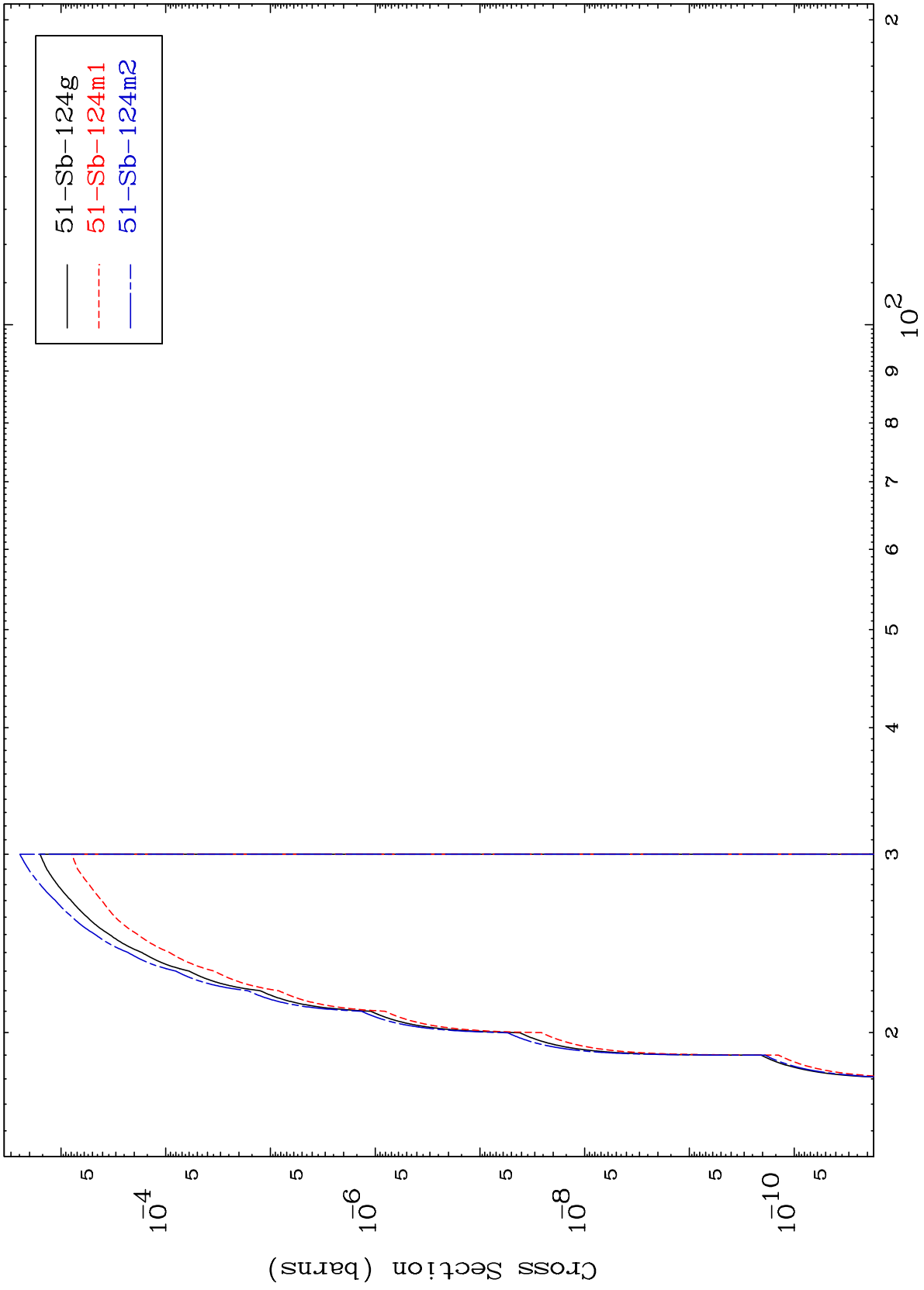
52-Te-127

MAT 5247

(n,n') t

52-Te-127

Radionuclide Production Cross Section

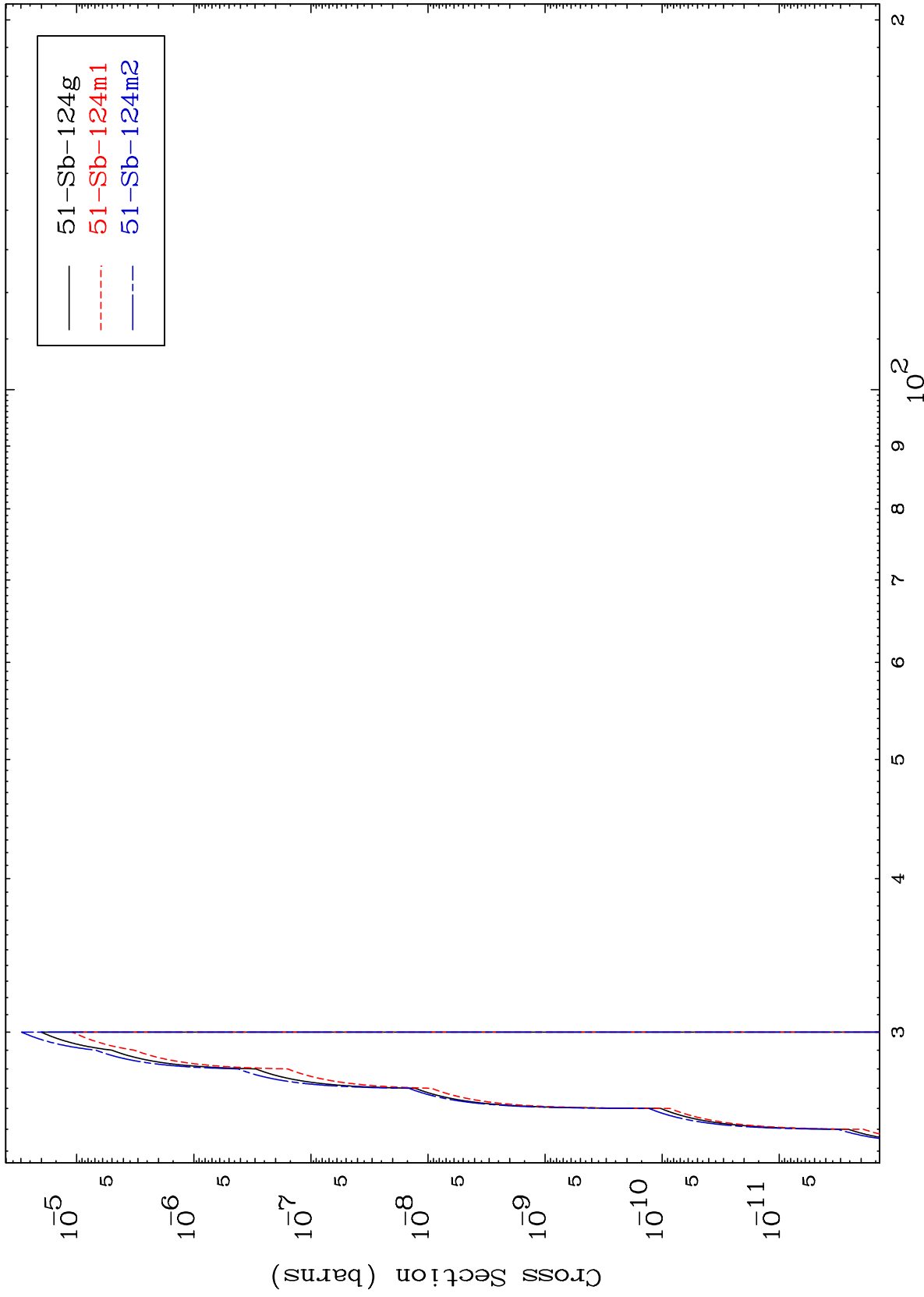


25

Incident Energy (MeV)

52-Te-127

Radionuclide Production Cross Section

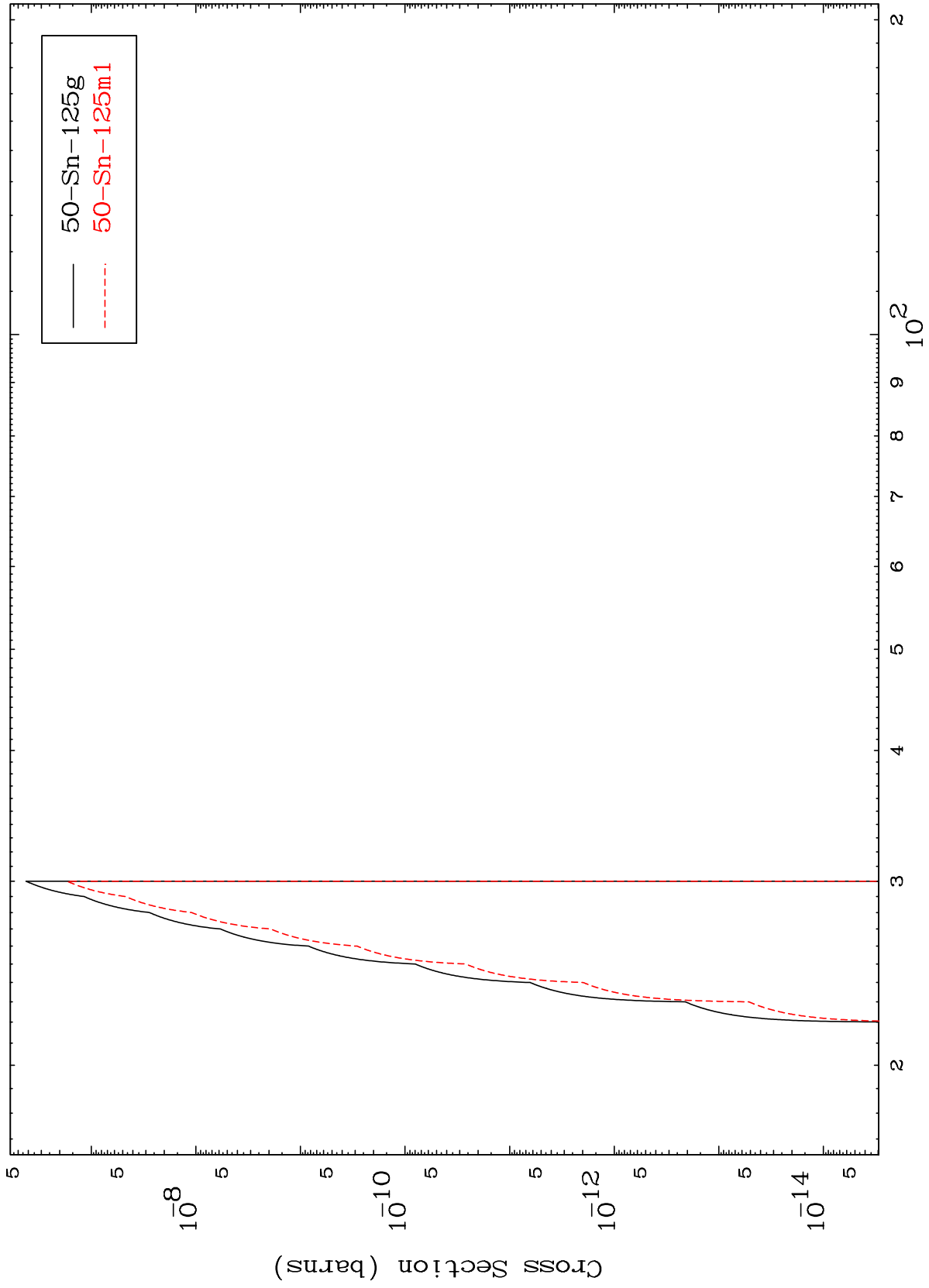


MAT 5247

(n,2n) p

52-Te-127

Radionuclide Production Cross Section



27

Incident Energy (MeV)

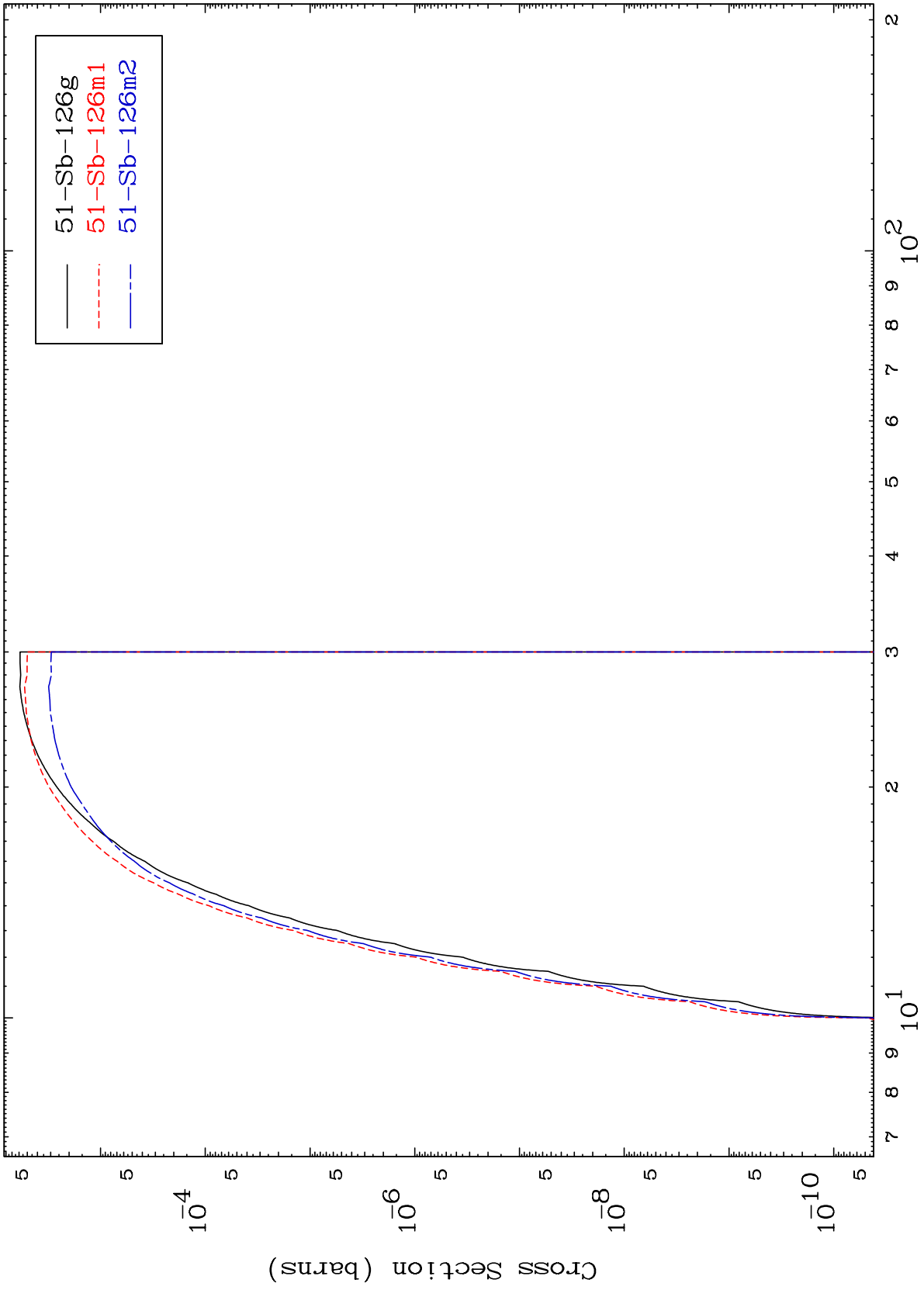
52-Te-127

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(n,d)

52-Te-127

Radionuclide Production Cross Section



28

Incident Energy (MeV)

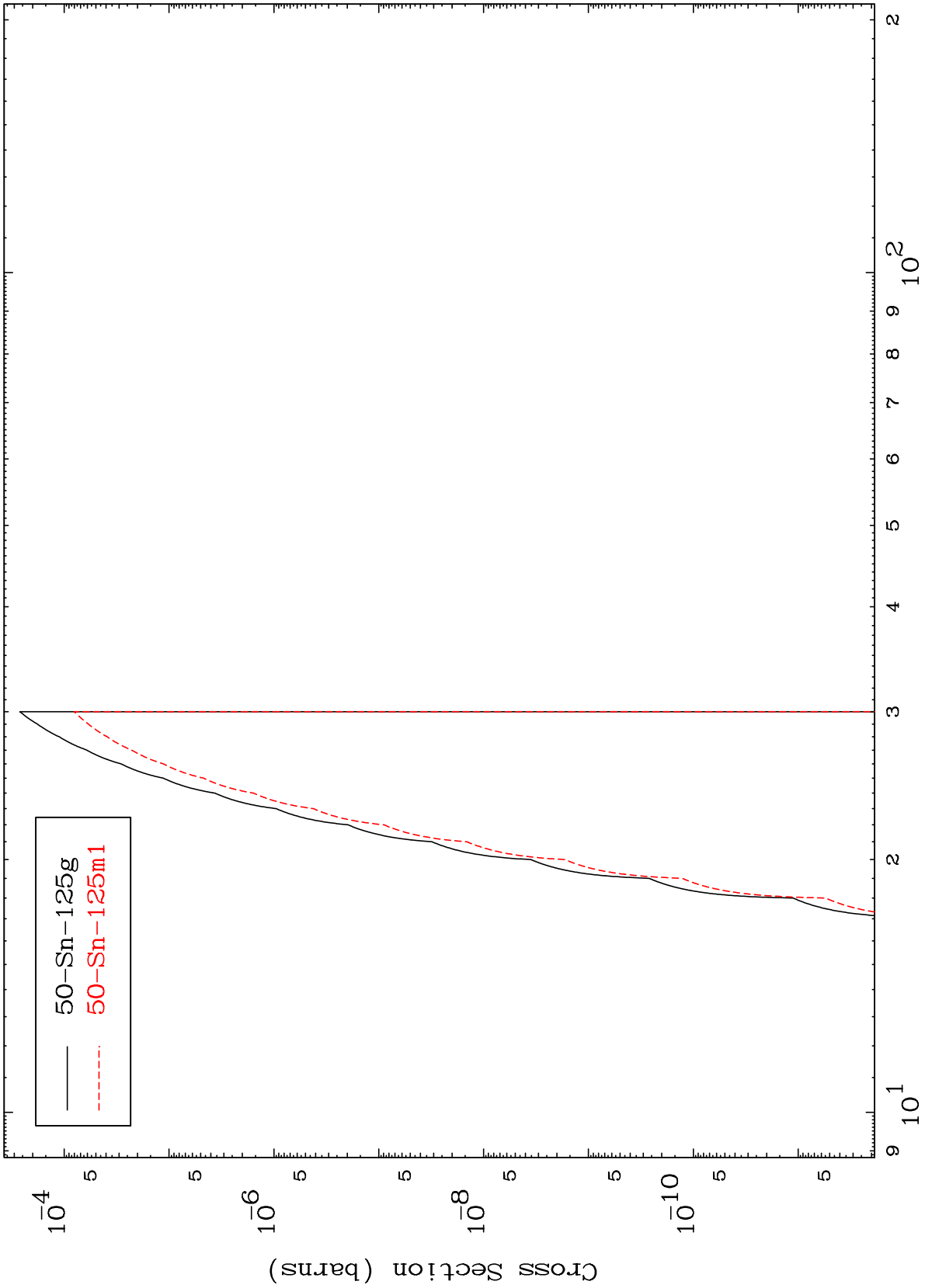
52-Te-127

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(n,He-3)

52-Te-127

Radionuclide Production Cross Section



29

Incident Energy (MeV)

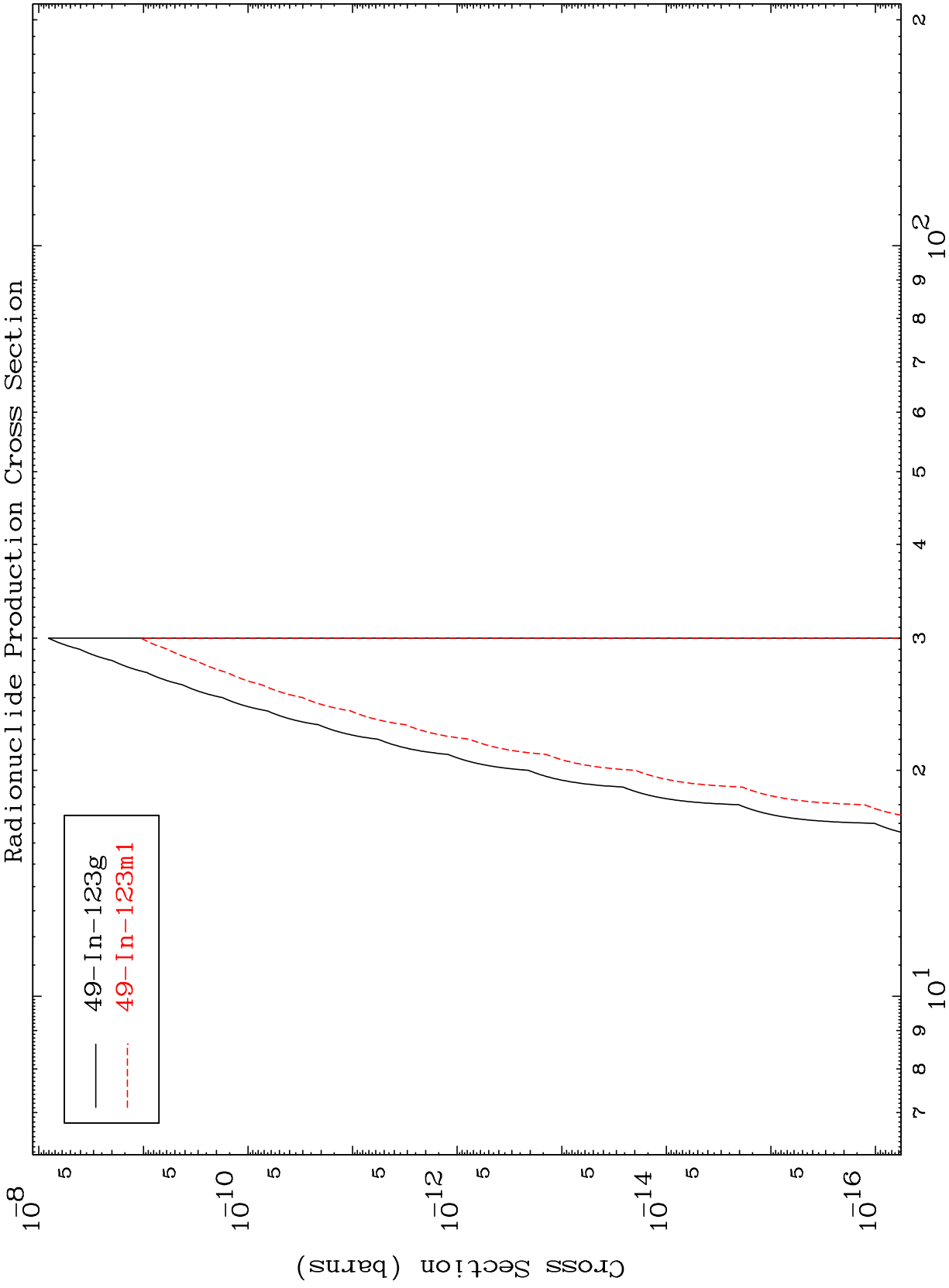
52-Te-127

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(n,p) α

52-Te-127

Radionuclide Production Cross Section



30

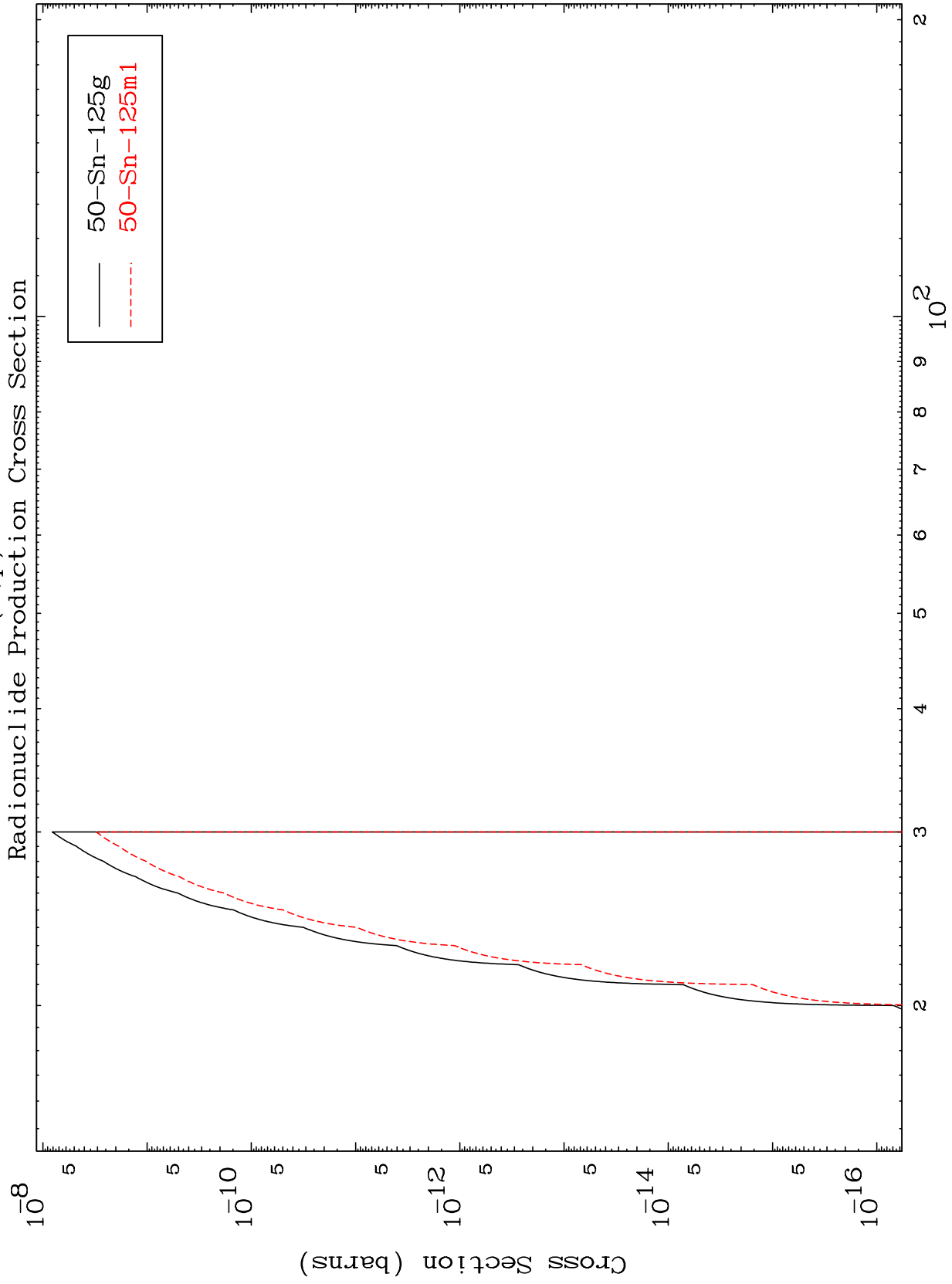
Incident Energy (MeV)

52-Te-127

MAT 5247

(n,p) d

⁵²Te-127



31

Incident Energy (MeV)

⁵²Te-127