

Program EVALPLOT
(Version 2021-1)

by

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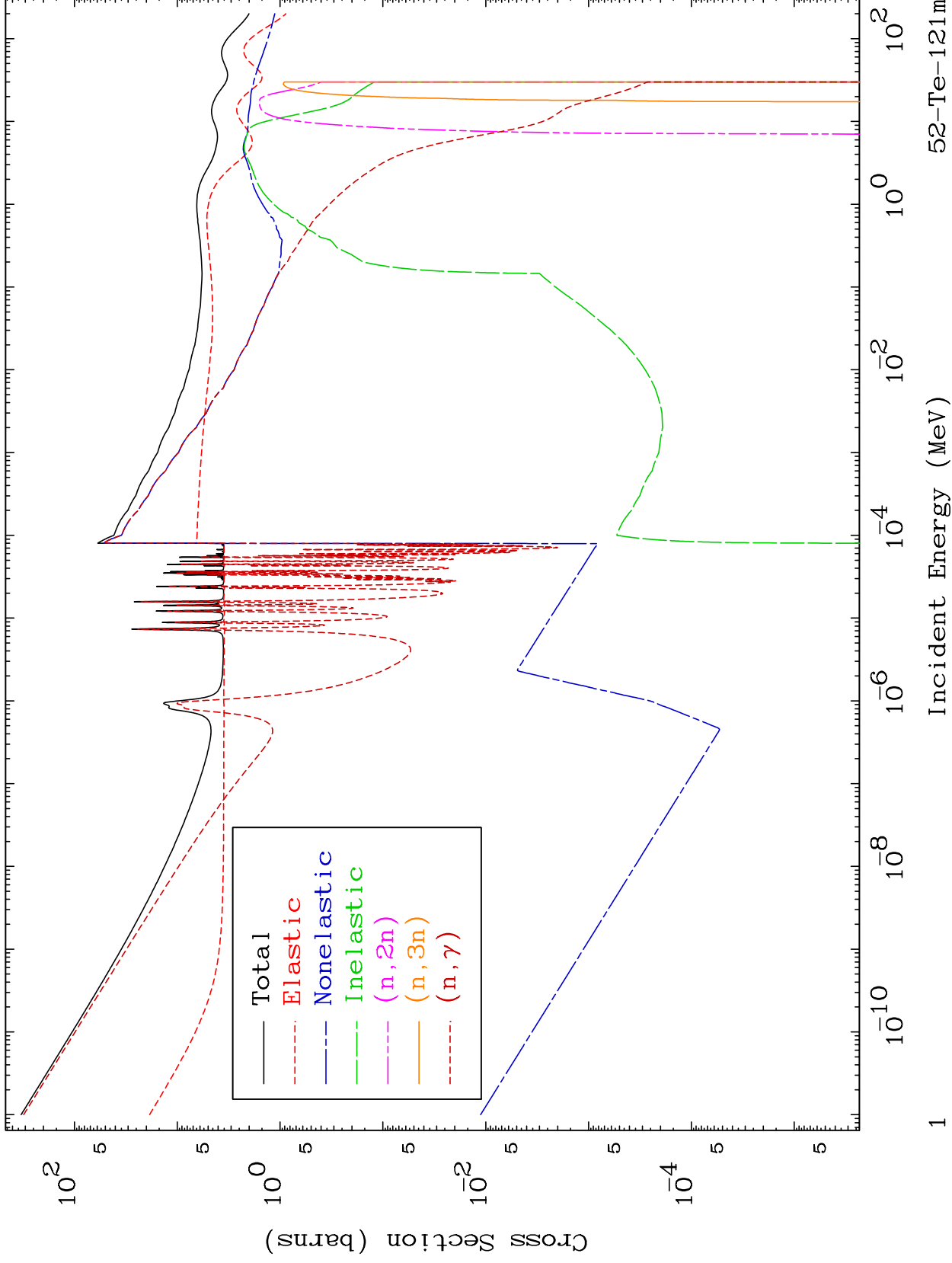
Web: redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 5229

Neutron Major
293 Kelvin Cross Sections

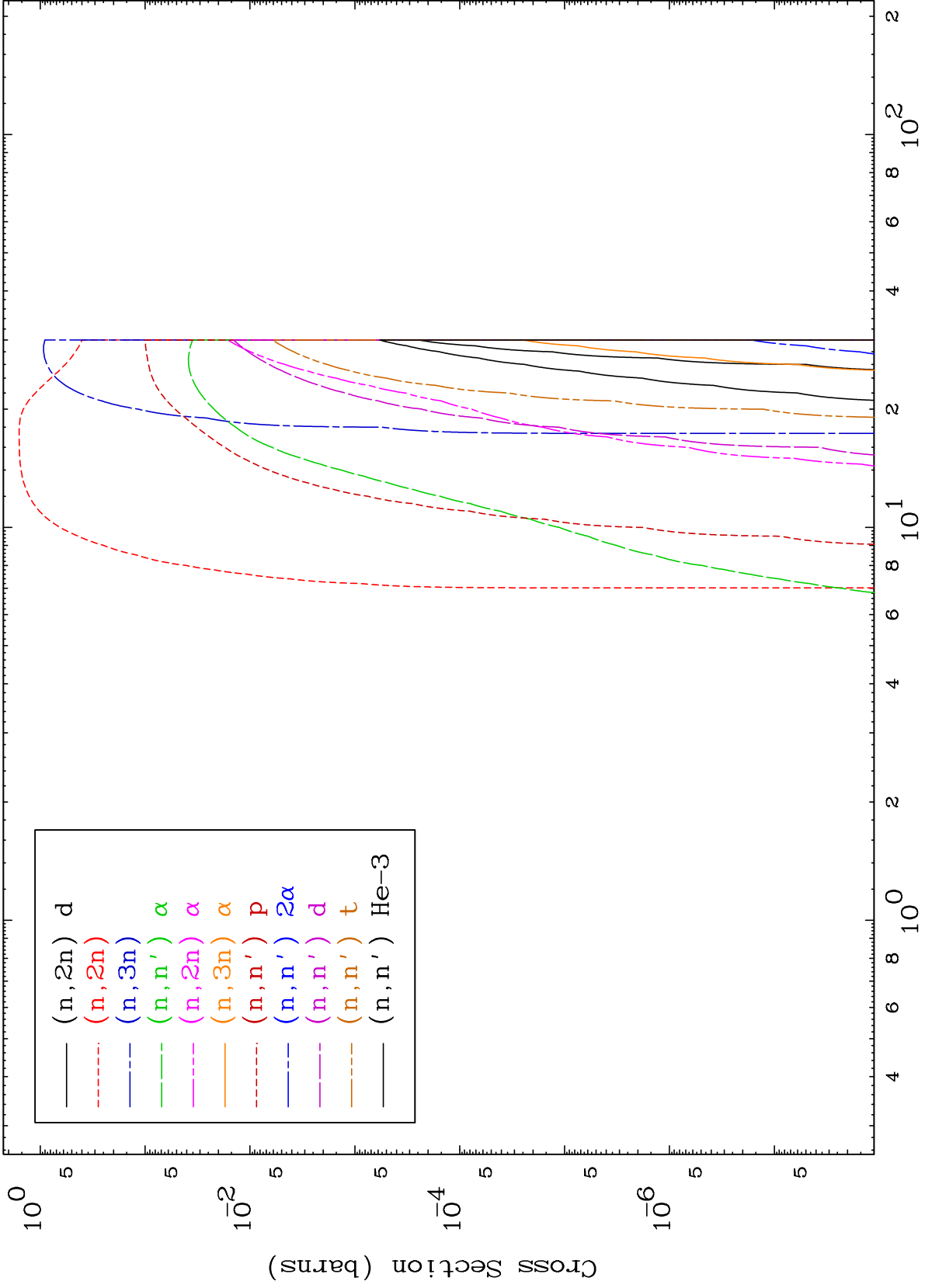
52-Te-121m



MAT 5229

Neutron Absorption
293 Kelvin Cross Sections

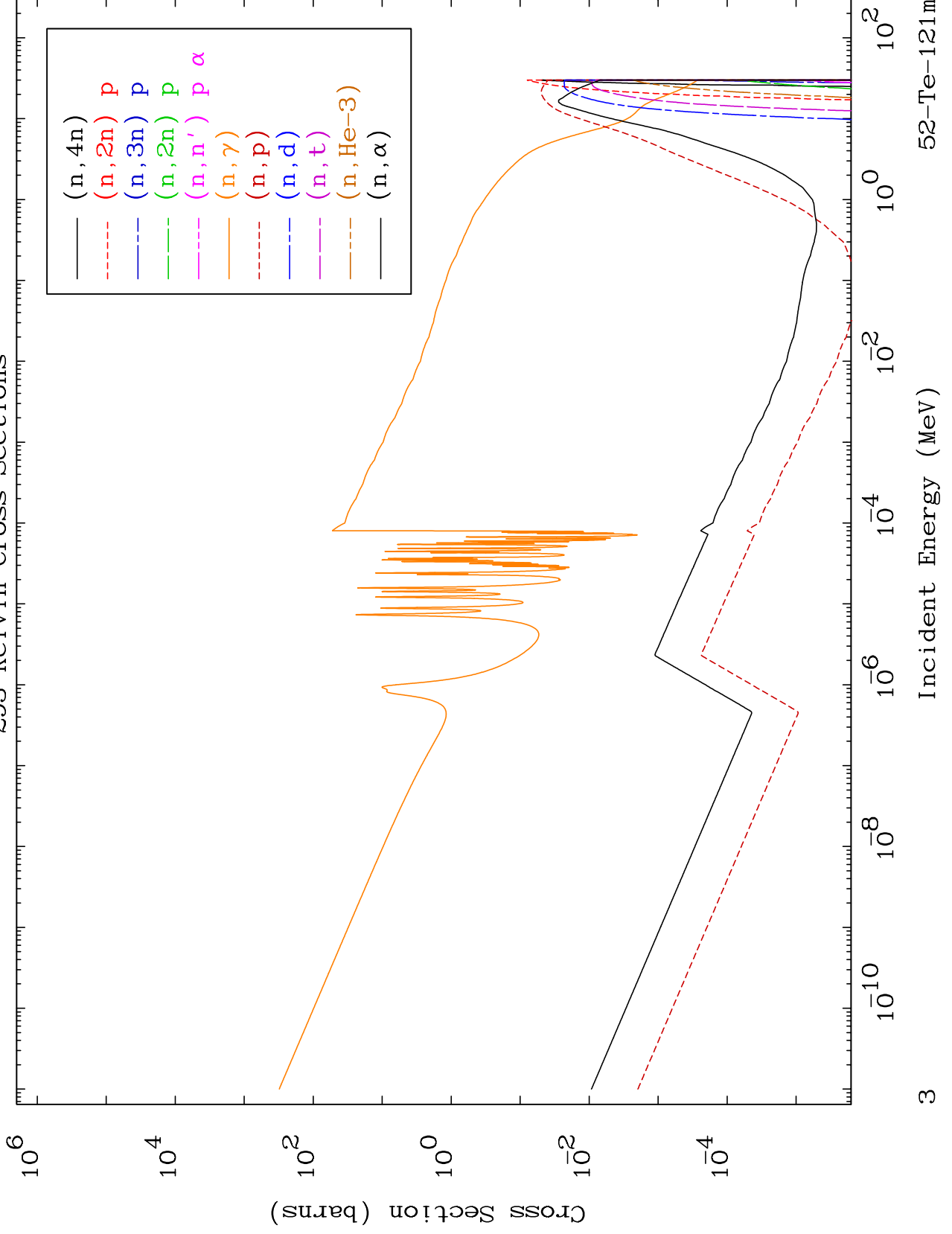
52-Te-121m



MAT 5229

Neutron Absorption
293 Kelvin Cross Sections

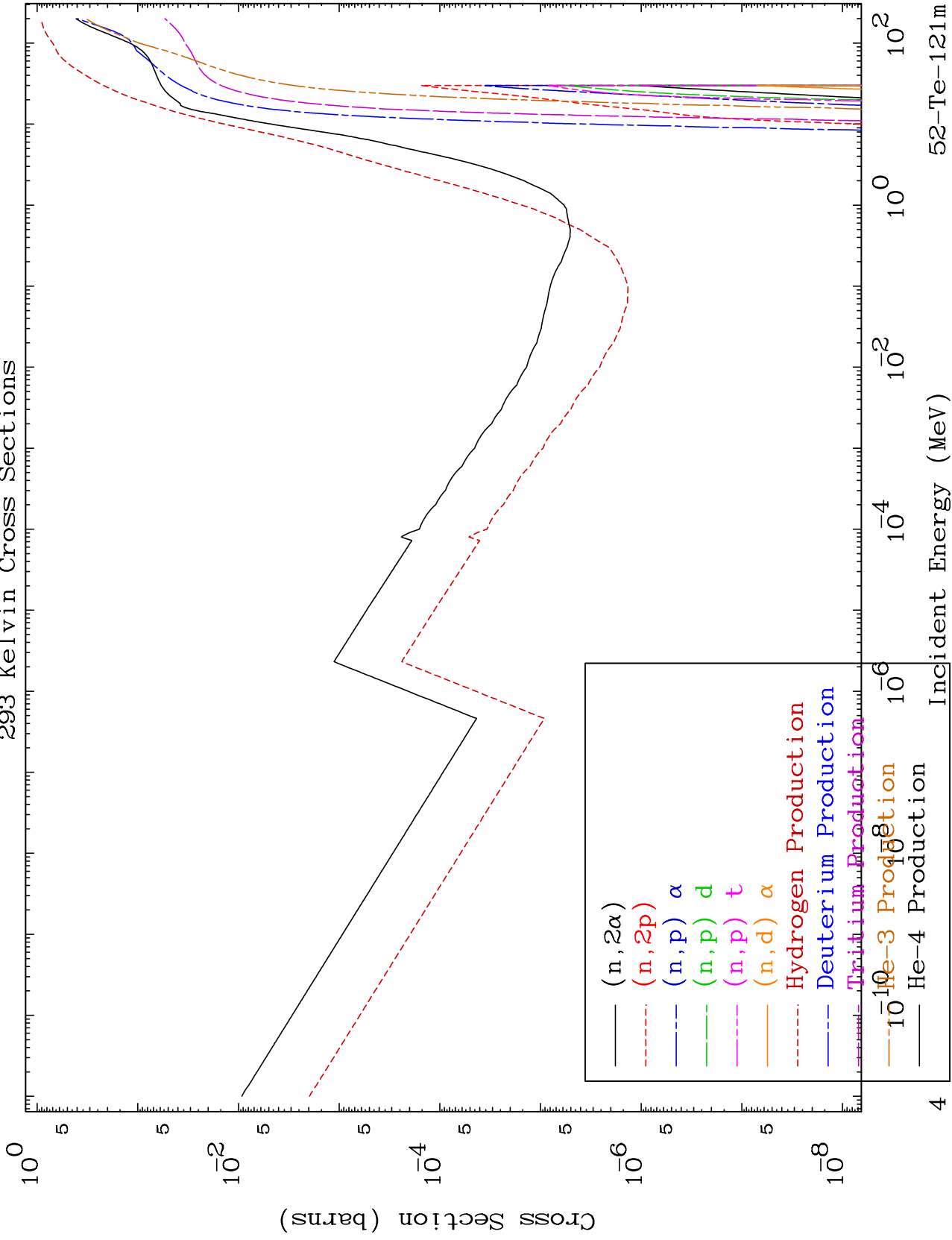
52-Te-121m



MAT 5229

Neutron Absorption
293 Kelvin Cross Sections

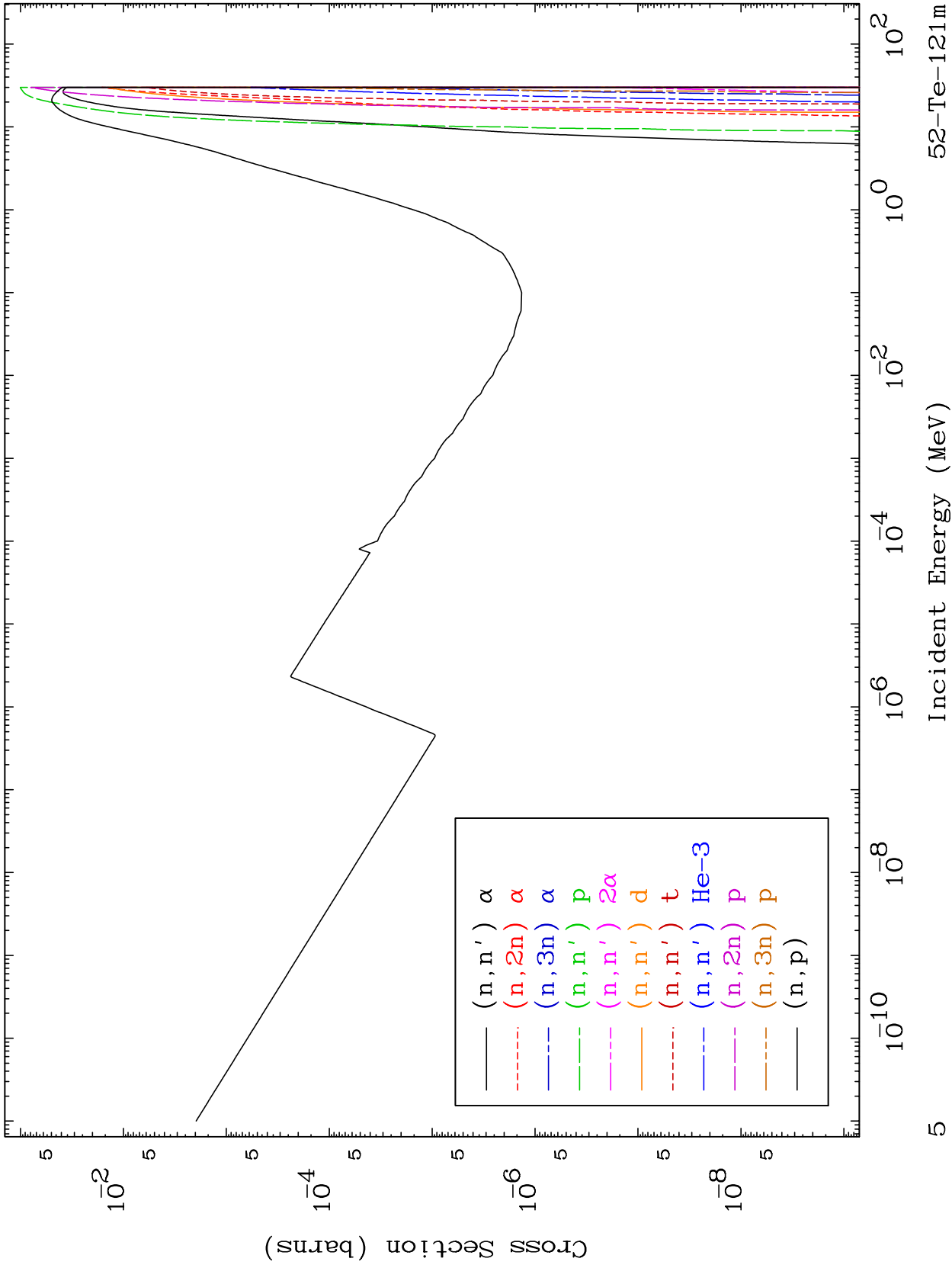
52-Te-121m



MAT 5229

Charged Particle
293 Kelvin Cross Sections

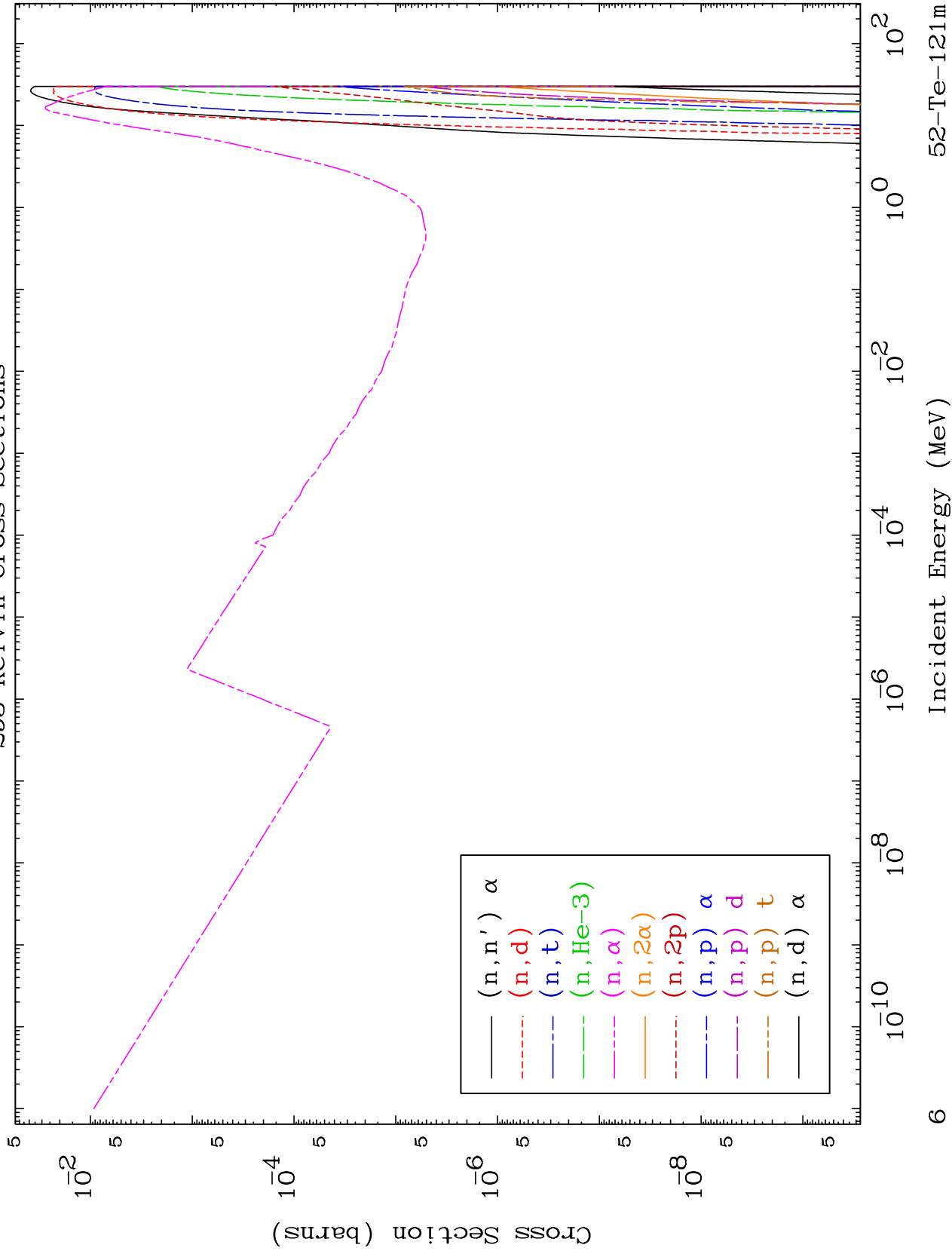
52-Te-121m



MAT 5229

Charged Particle
293 Kelvin Cross Sections

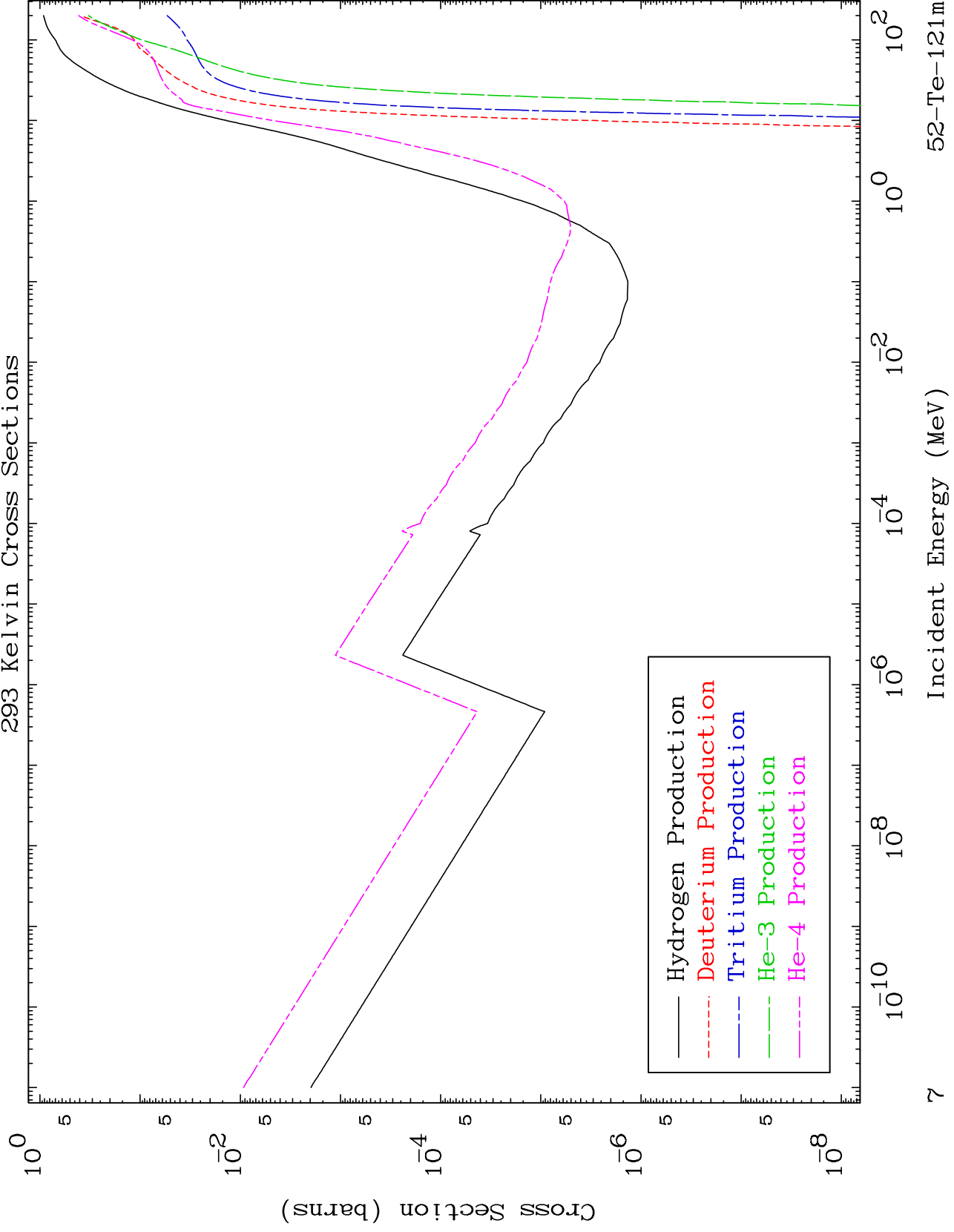
52-Te-121m



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Particle Production
293 Kelvin Cross Sections

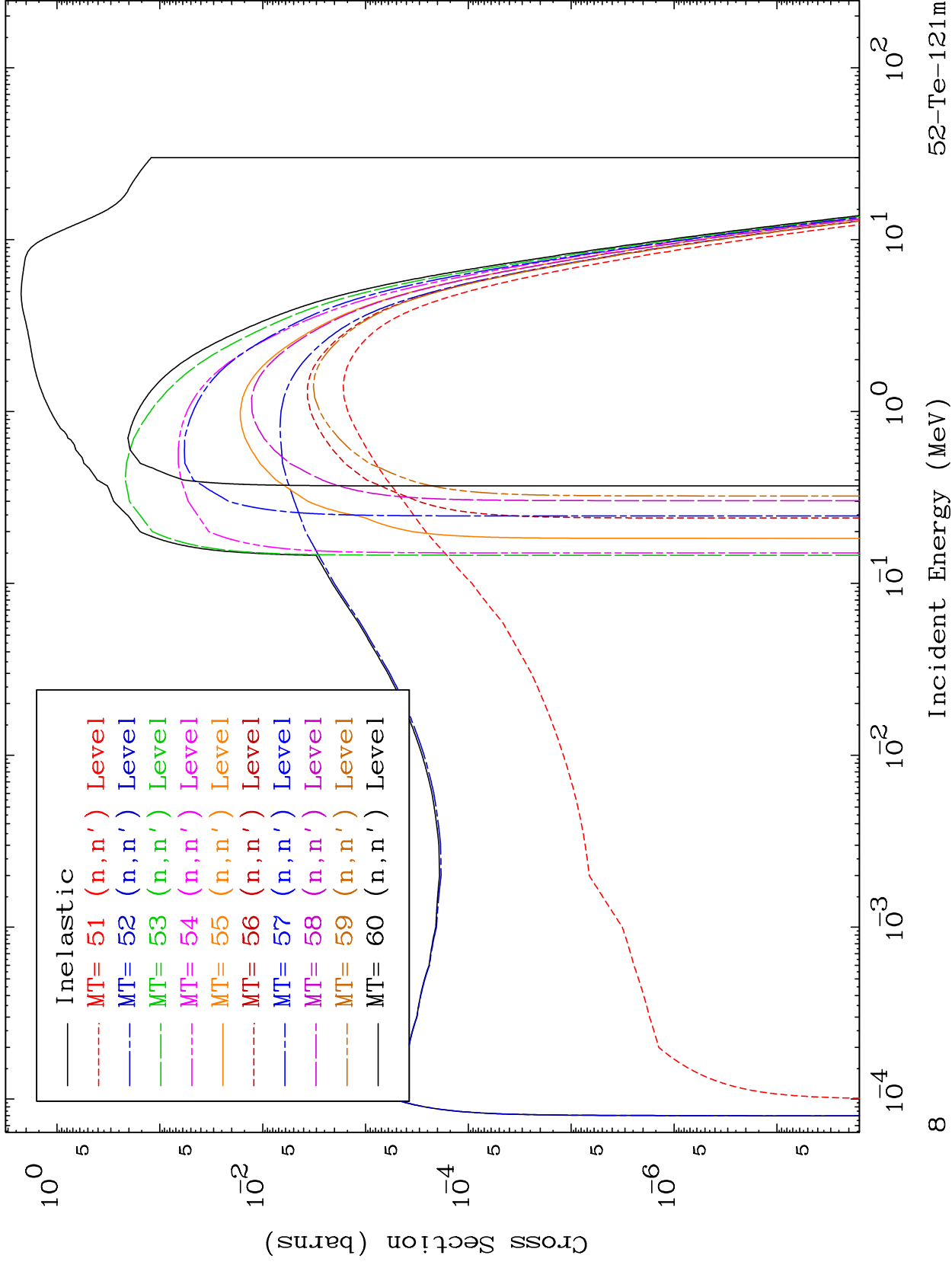
52-Te-121m



MAT 5229

(n,n') Levels
293 Kelvin Cross Sections

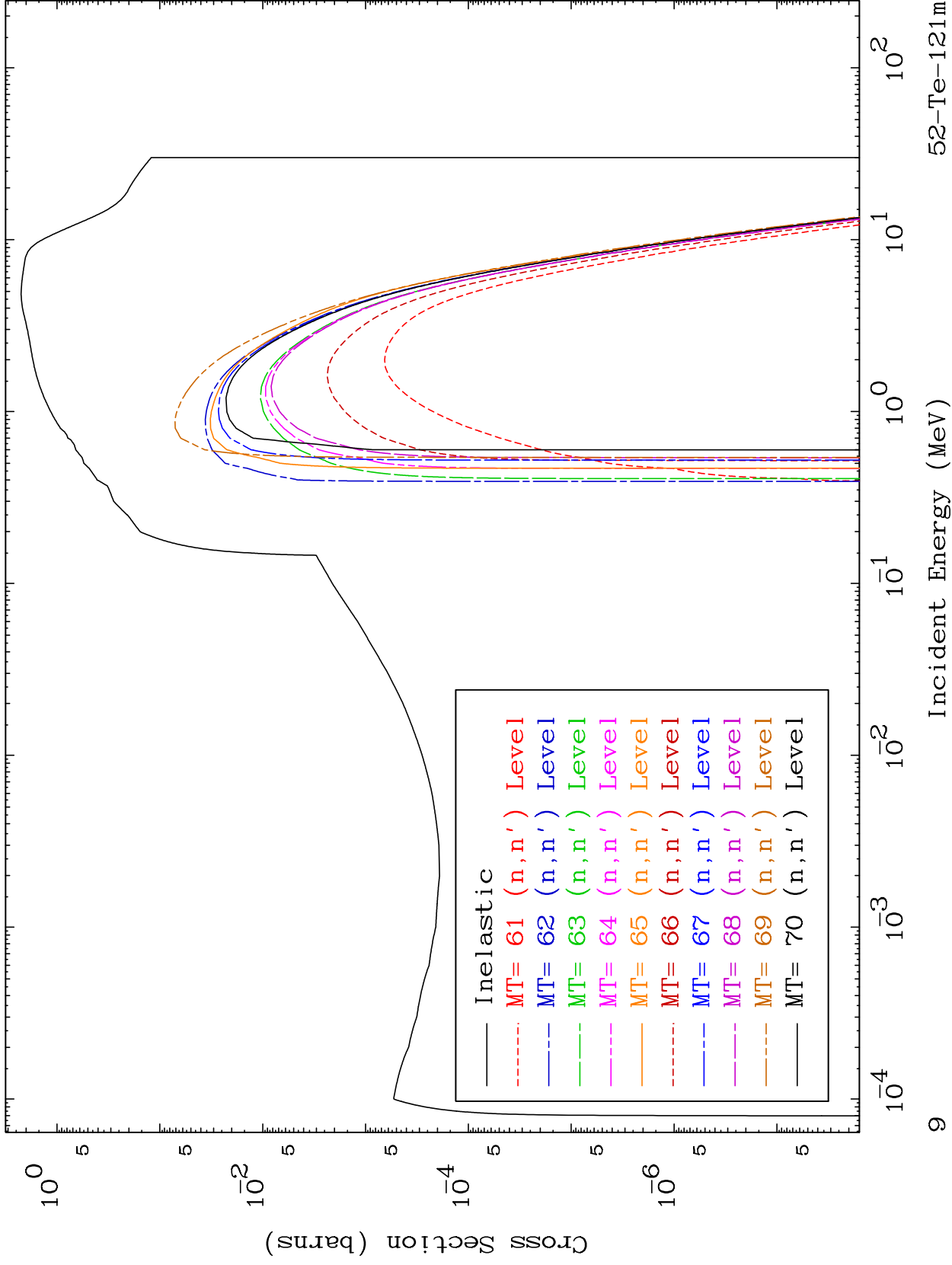
52-Te-121m



MAT 5229

(n,n') Levels
293 Kelvin Cross Sections

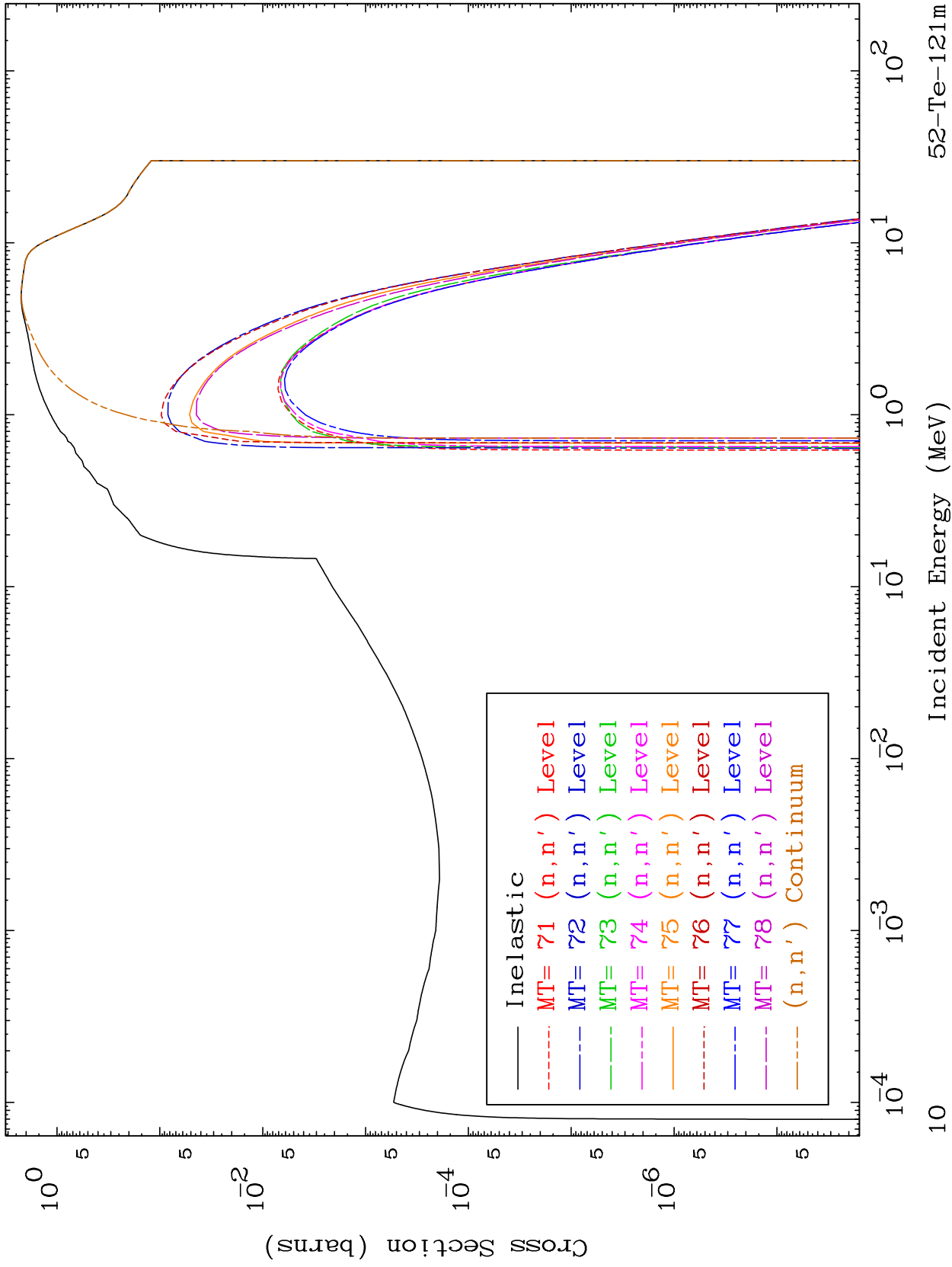
52-Te-121m



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(n,n') Levels
293 Kelvin Cross Sections

52-Te-121m



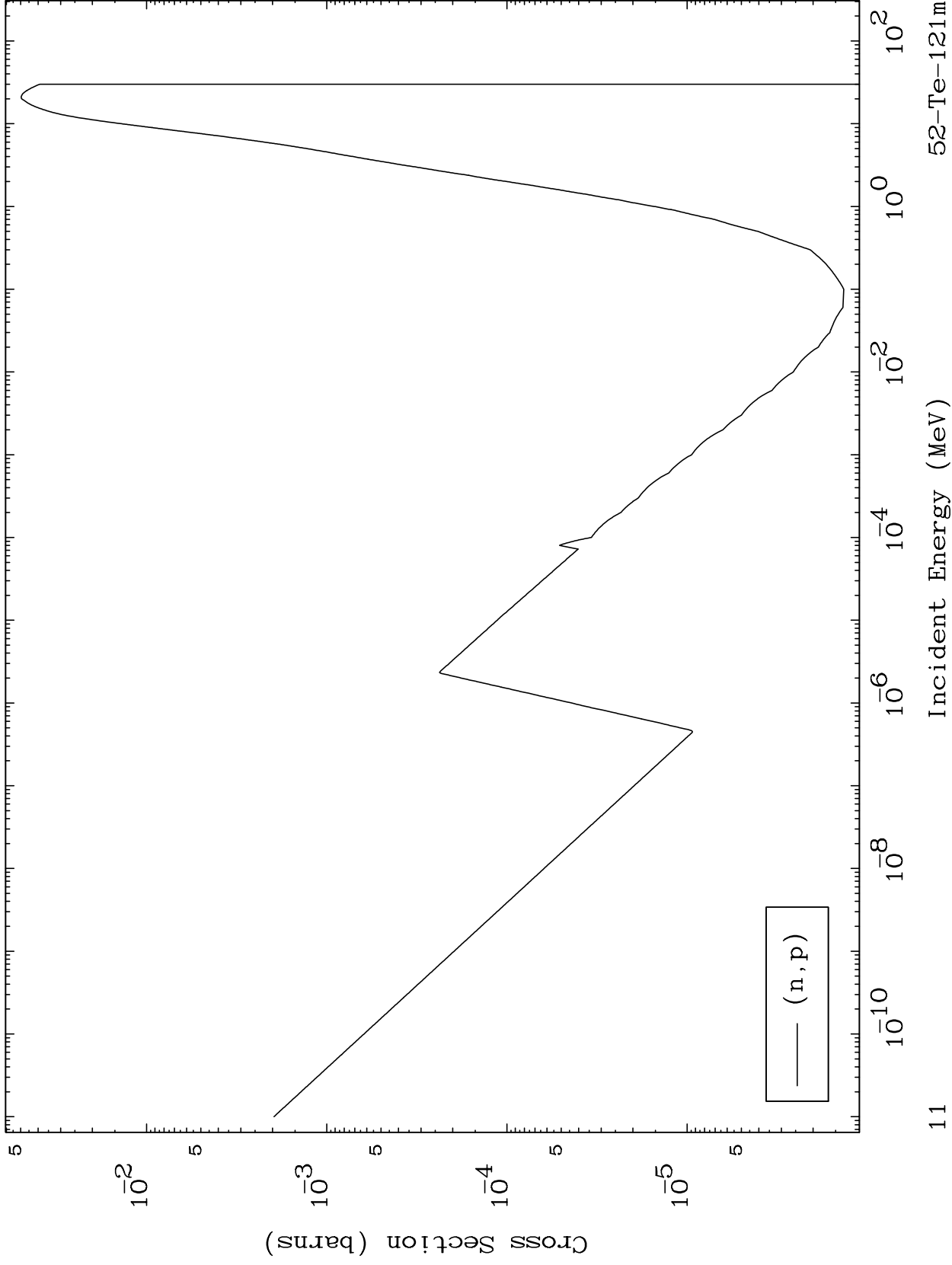
52-Te-121m

Incident Energy (MeV)

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(n,p) Levels
293 Kelvin Cross Sections

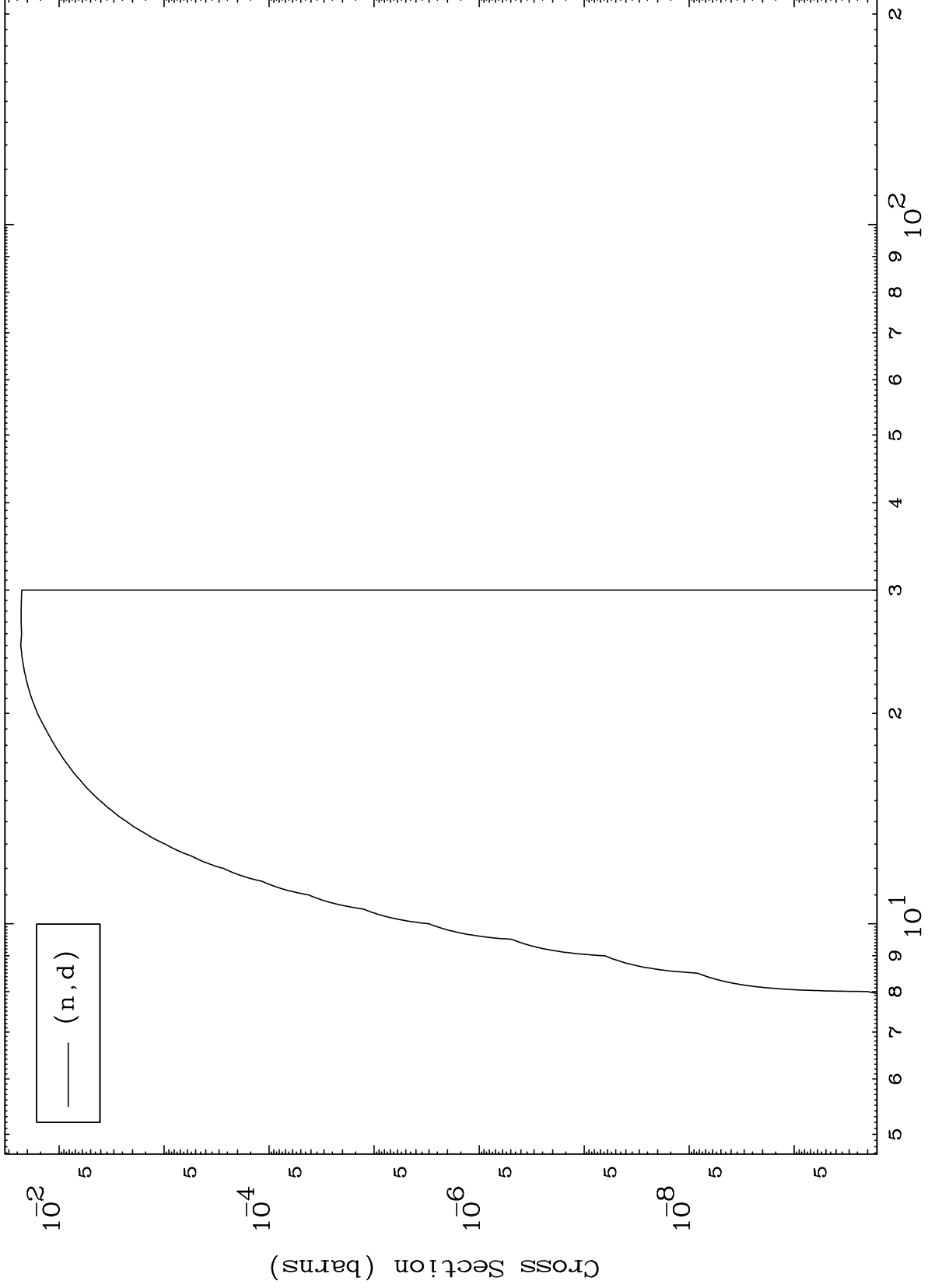
52-Te-121m



MAT 5229

(n,d) Levels
293 Kelvin Cross Sections

52-Te-121m



12

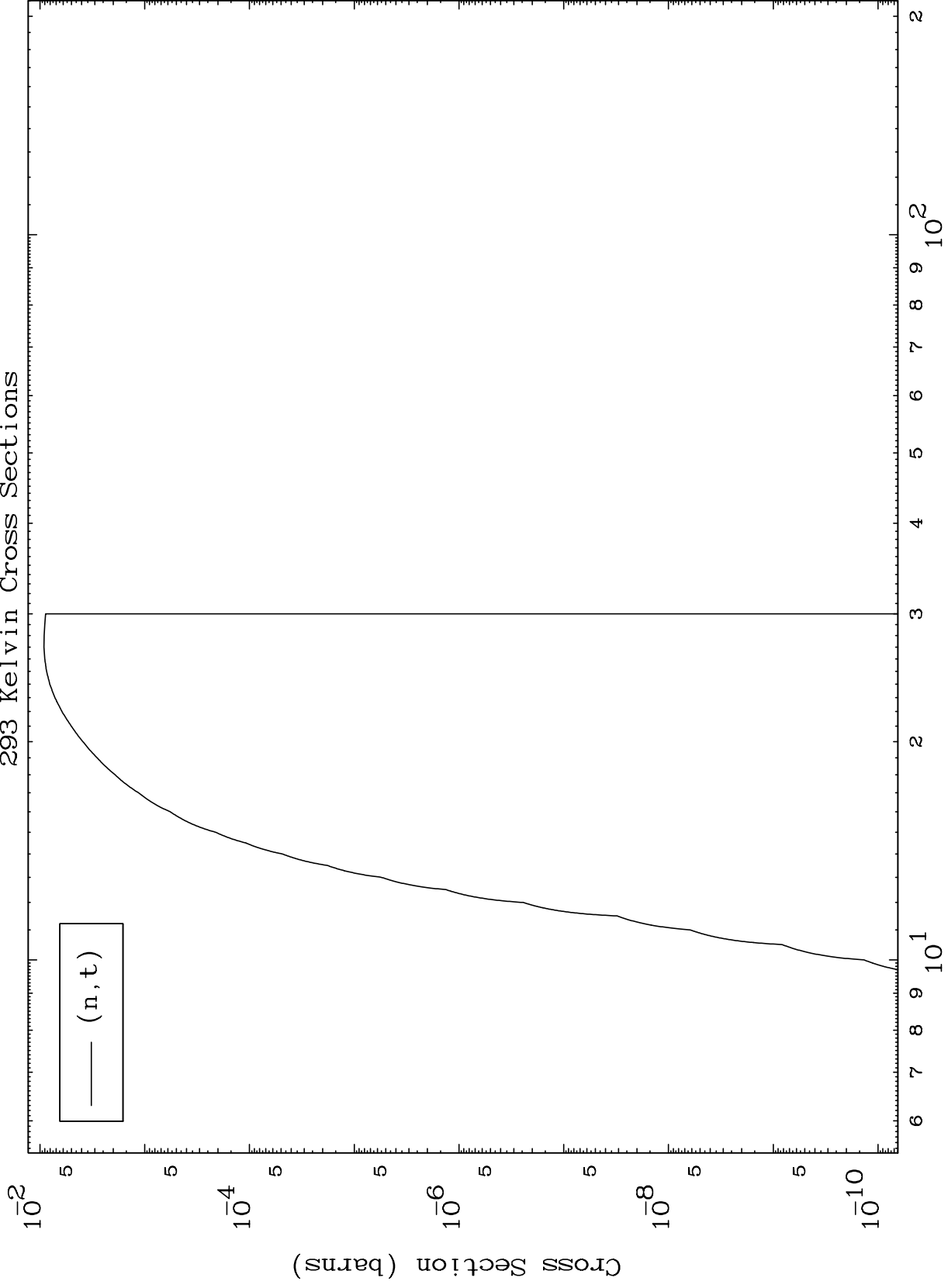
Incident Energy (MeV)

52-Te-121m

MAT 5229

(n, t) Levels
293 Kelvin Cross Sections

52-Te-121m



13

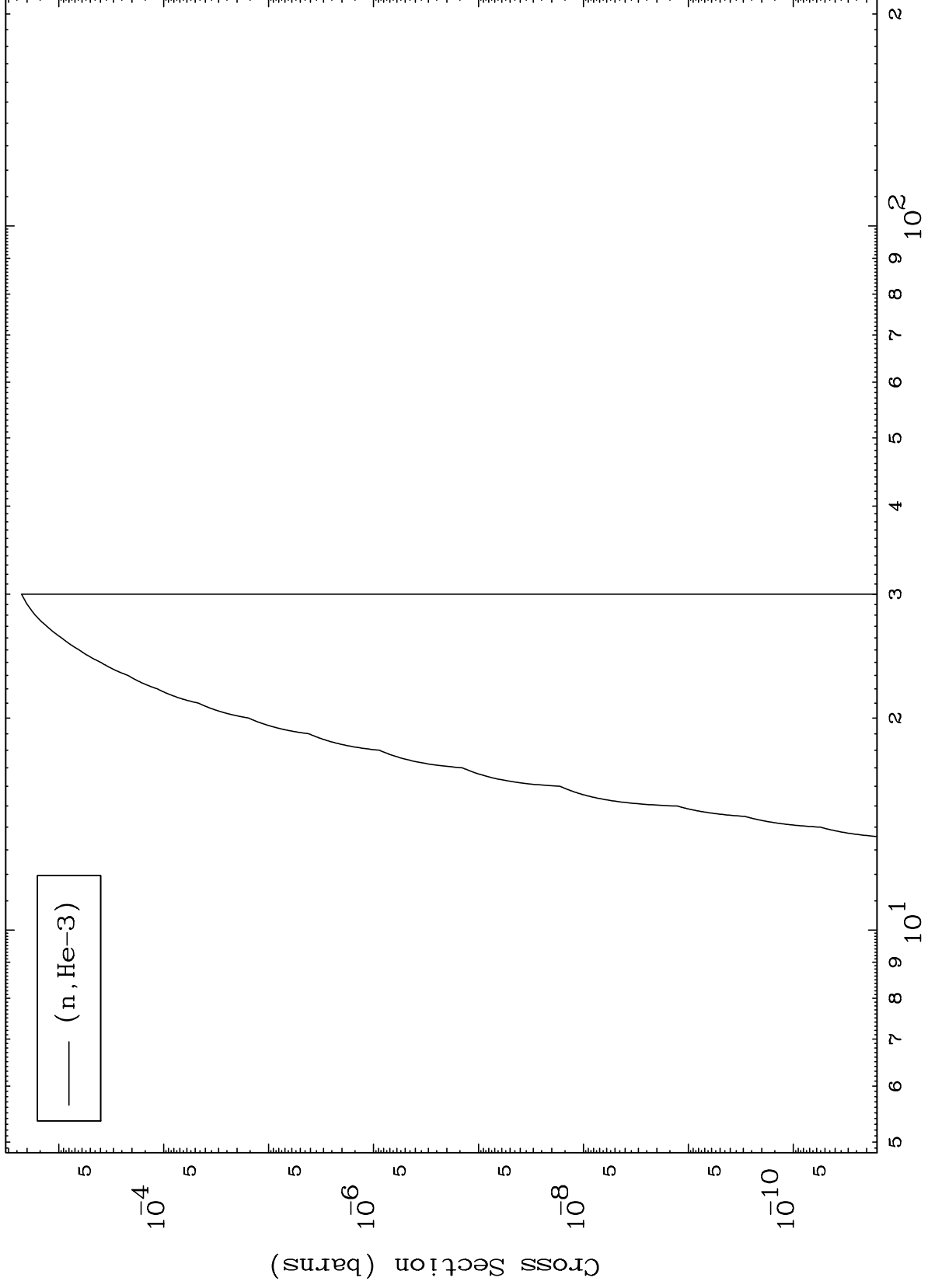
Incident Energy (MeV)

52-Te-121m

MAT 5229

(n,He3) Levels
293 Kelvin Cross Sections

52-Te-121m



14

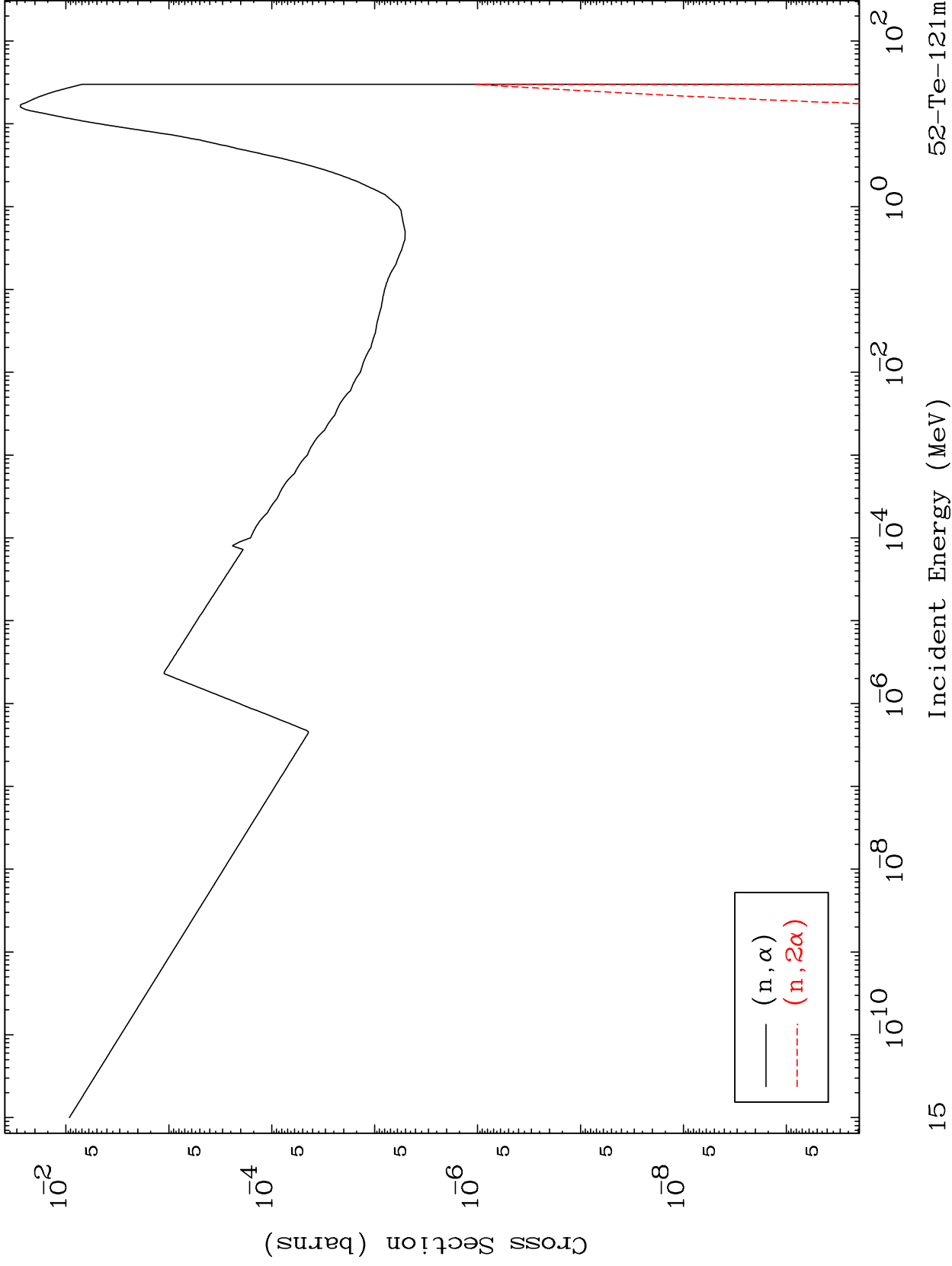
Incident Energy (MeV)

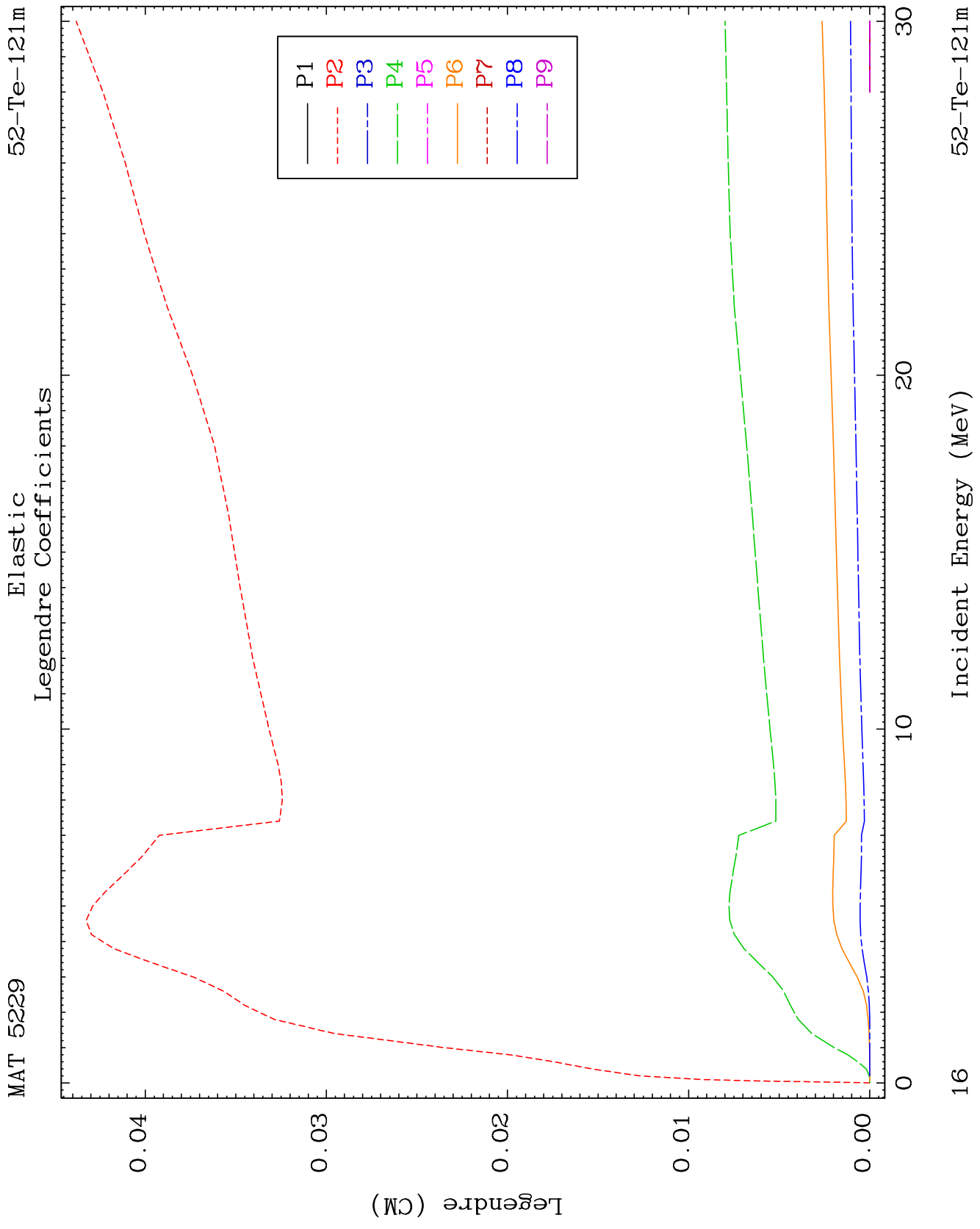
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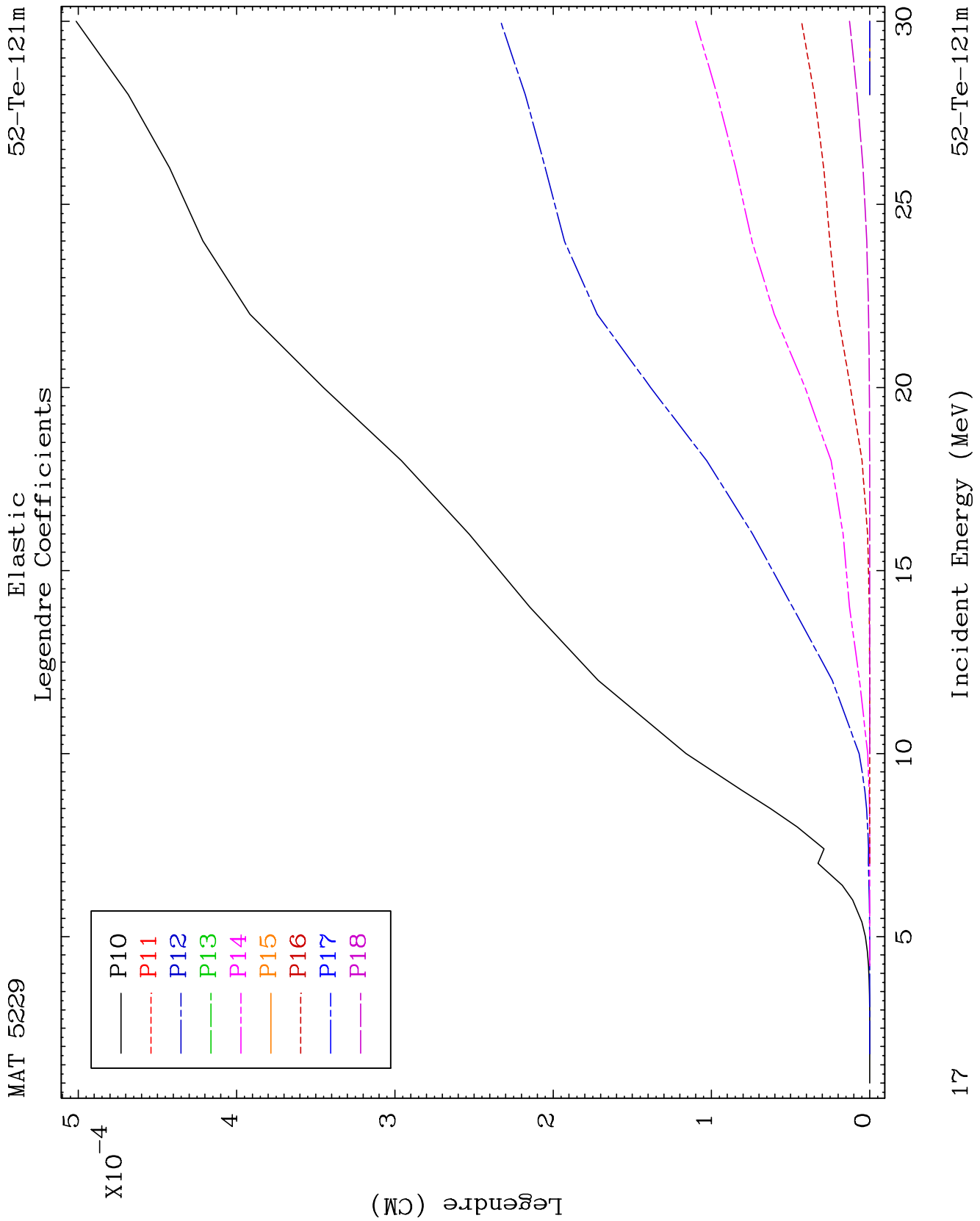
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(n,α) Levels
293 Kelvin Cross Sections

52-Te-121m



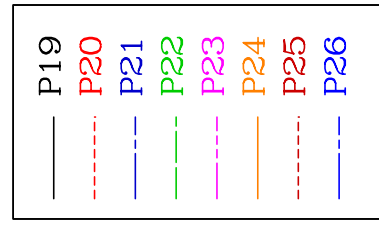




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Elastic
Legendre Coefficients

52-Te-121m



$\times 10^{-7}$

Legendre (CM)

6

4

2

0

15

20

25

30

18

Incident Energy (MeV)

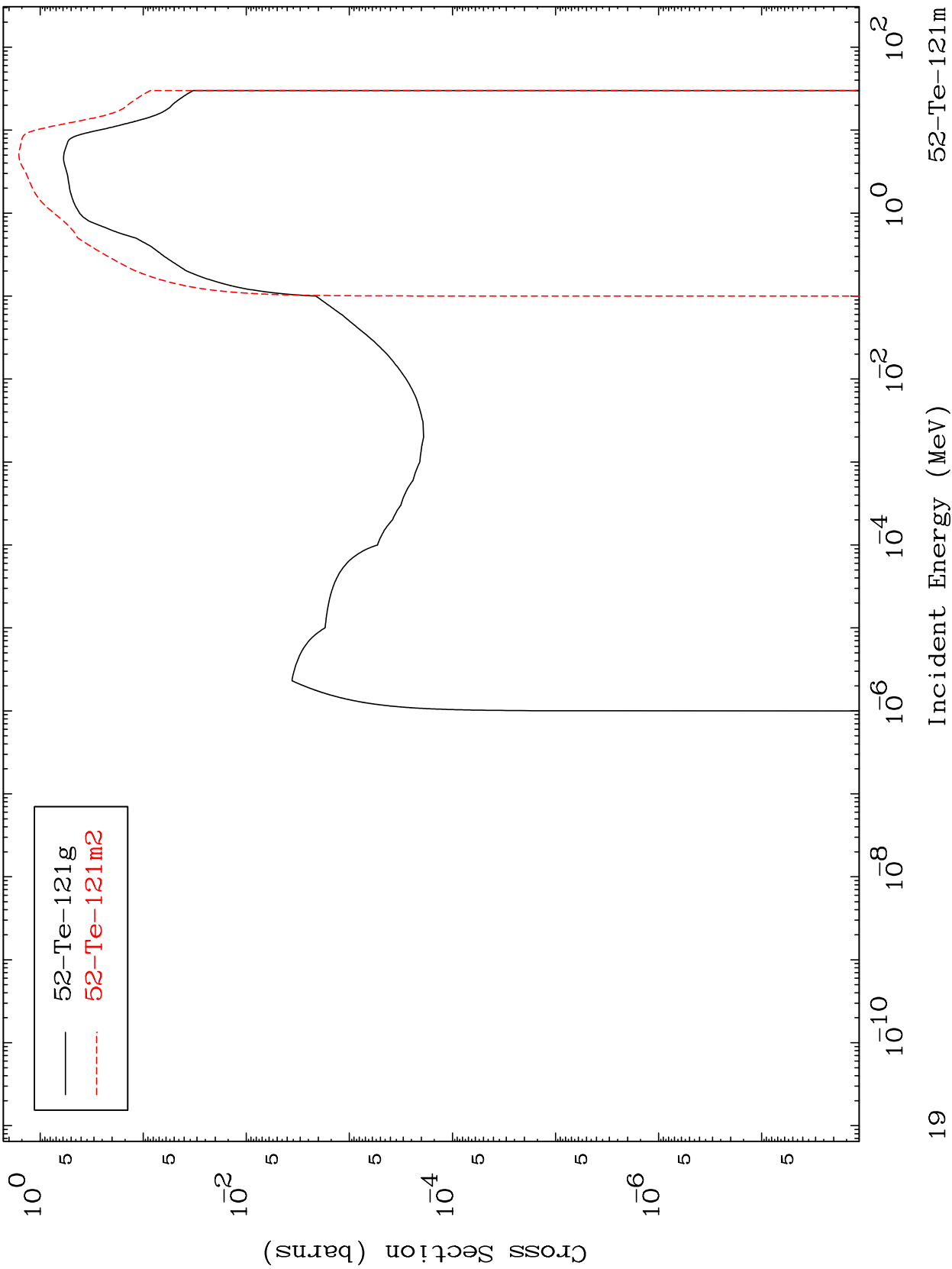
52-Te-121m



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52-Te-121m

Inelastic
Radionuclide Production Cross Section

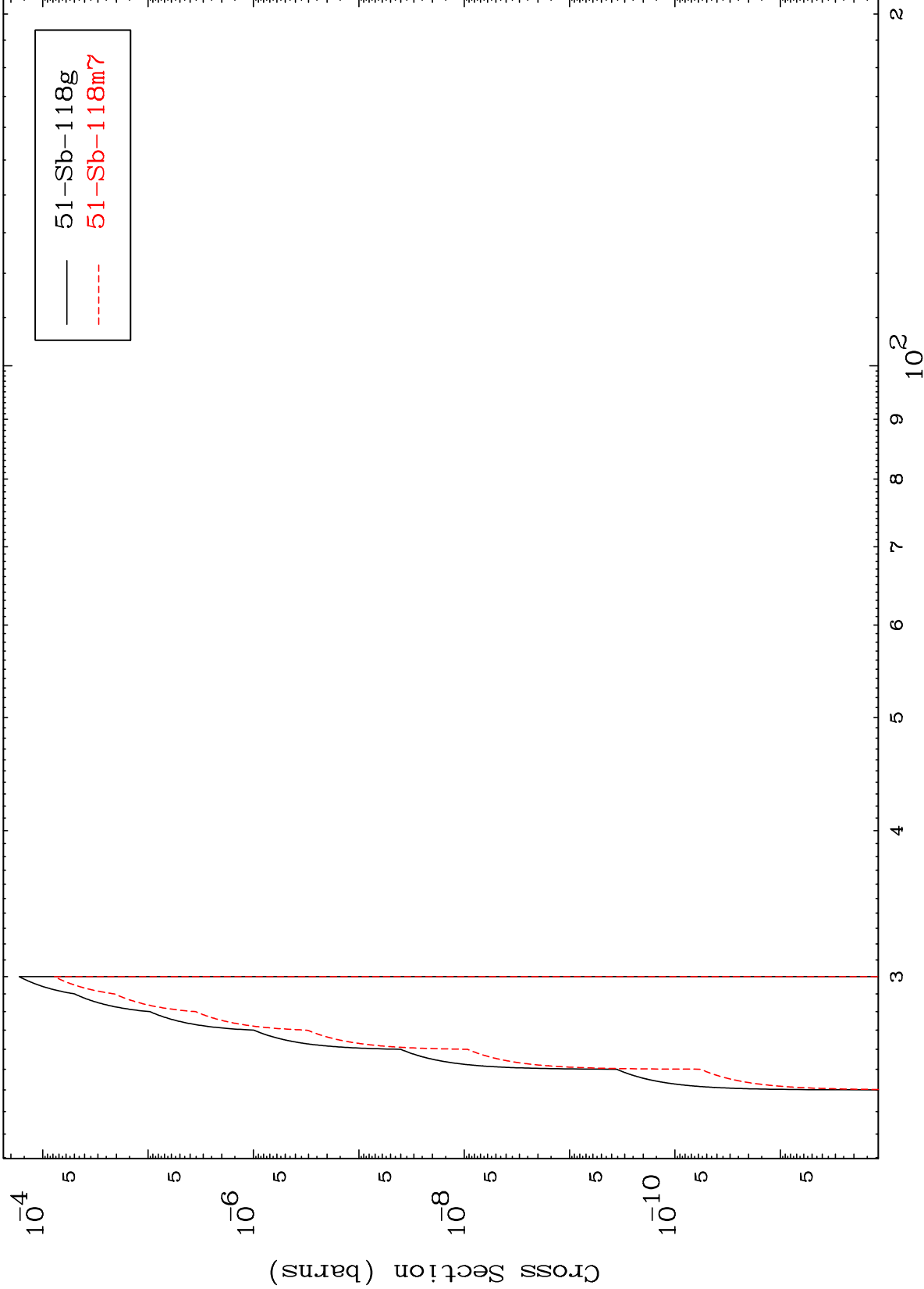


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(n,2n) d

52-Te-121m

Radionuclide Production Cross Section



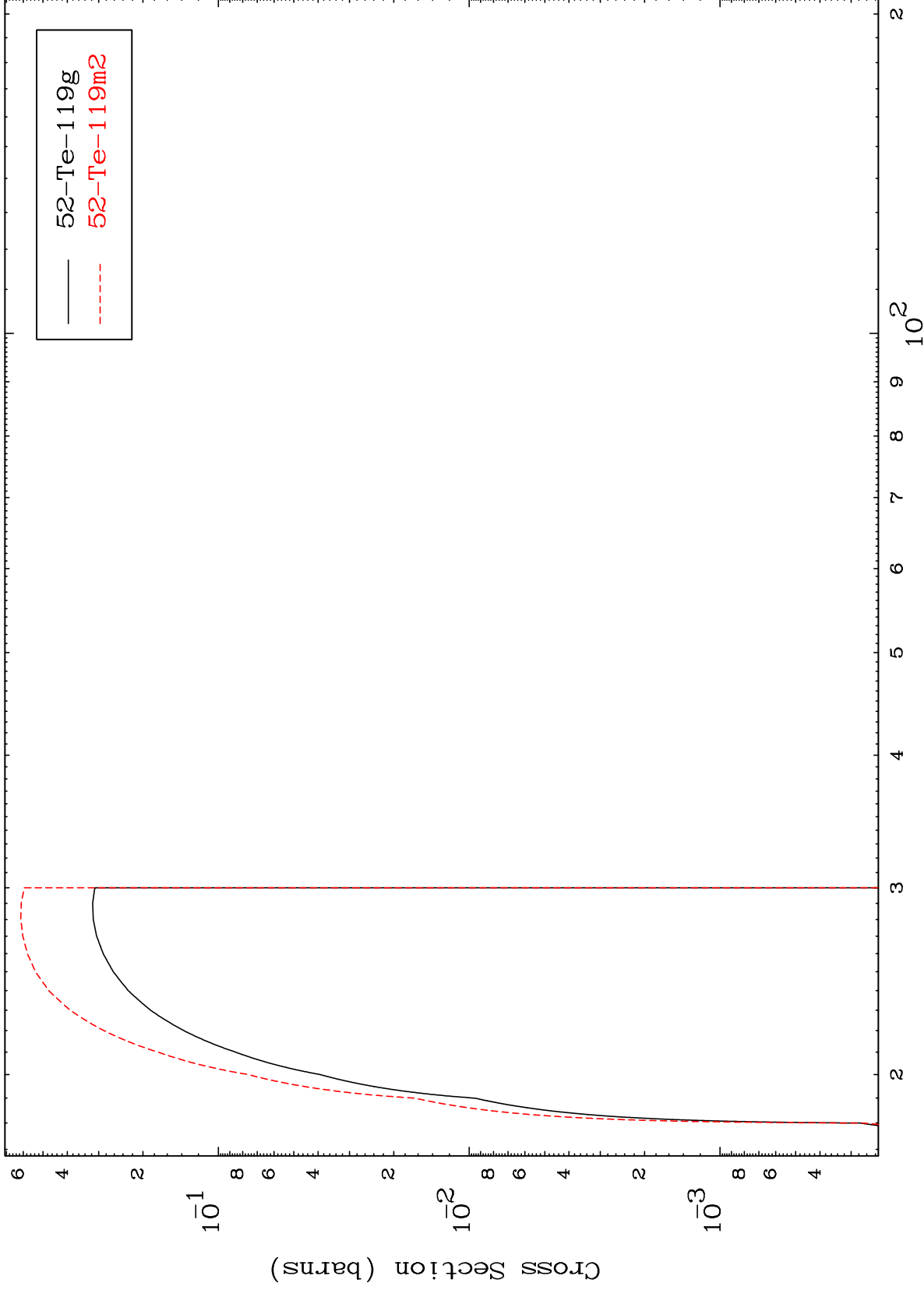
51-Sb-118g
51-Sb-118m7

20

Incident Energy (MeV)

52-Te-121m

Radionuclide Production Cross Section

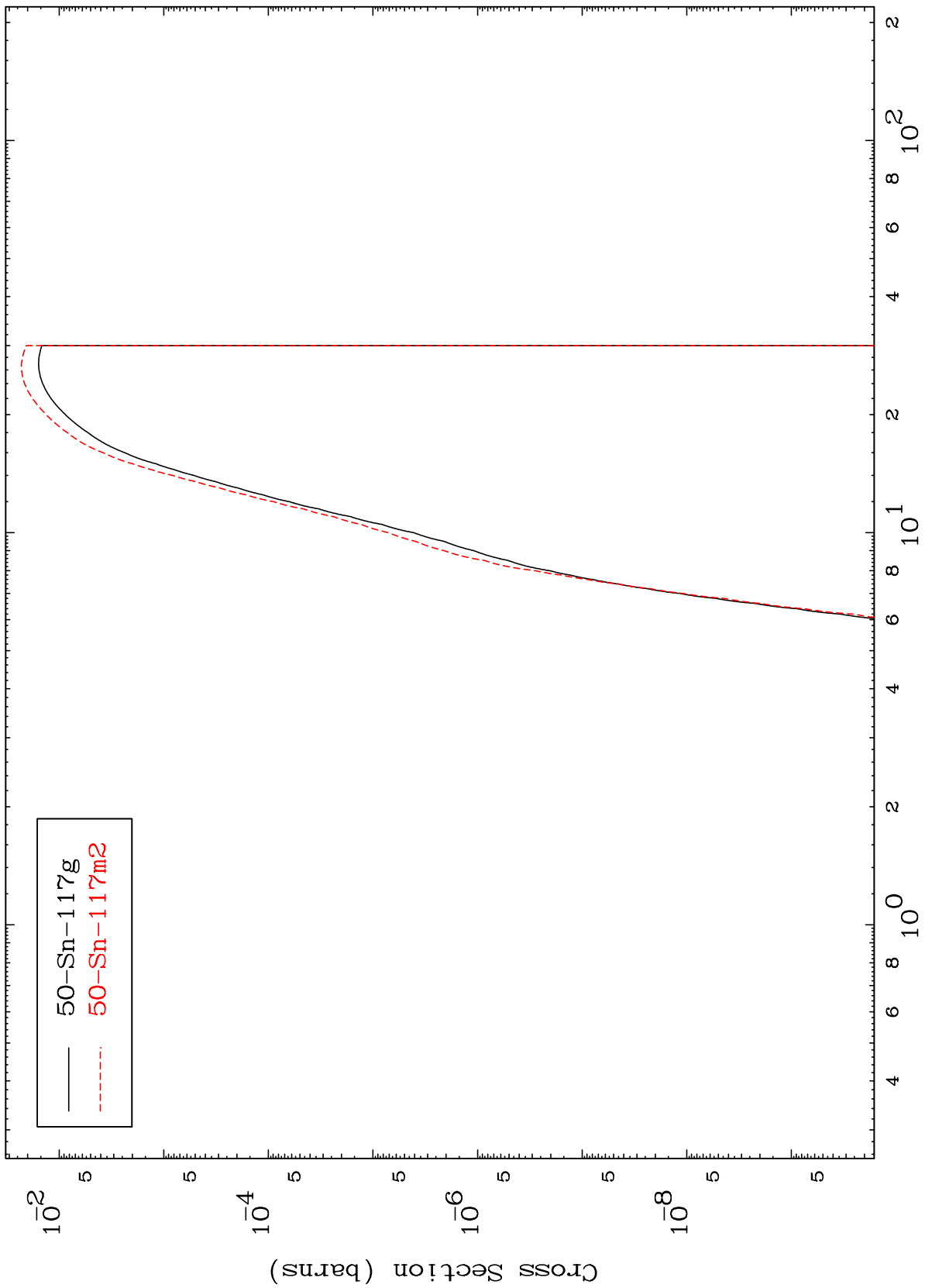


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(n,n') α

52-Te-121m

Radionuclide Production Cross Section

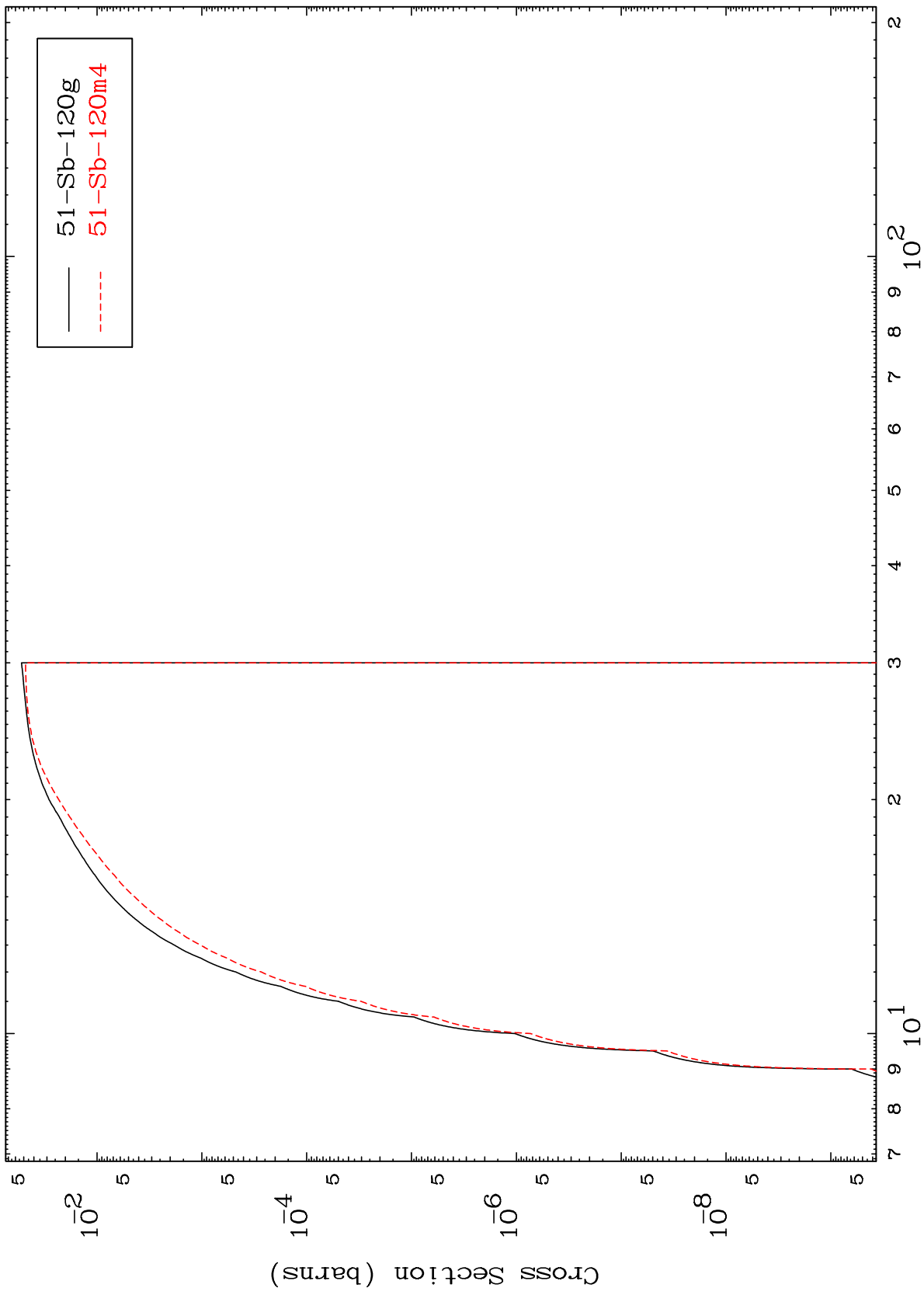


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(n,n') p

52-Te-121m

Radionuclide Production Cross Section



23

Incident Energy (MeV)

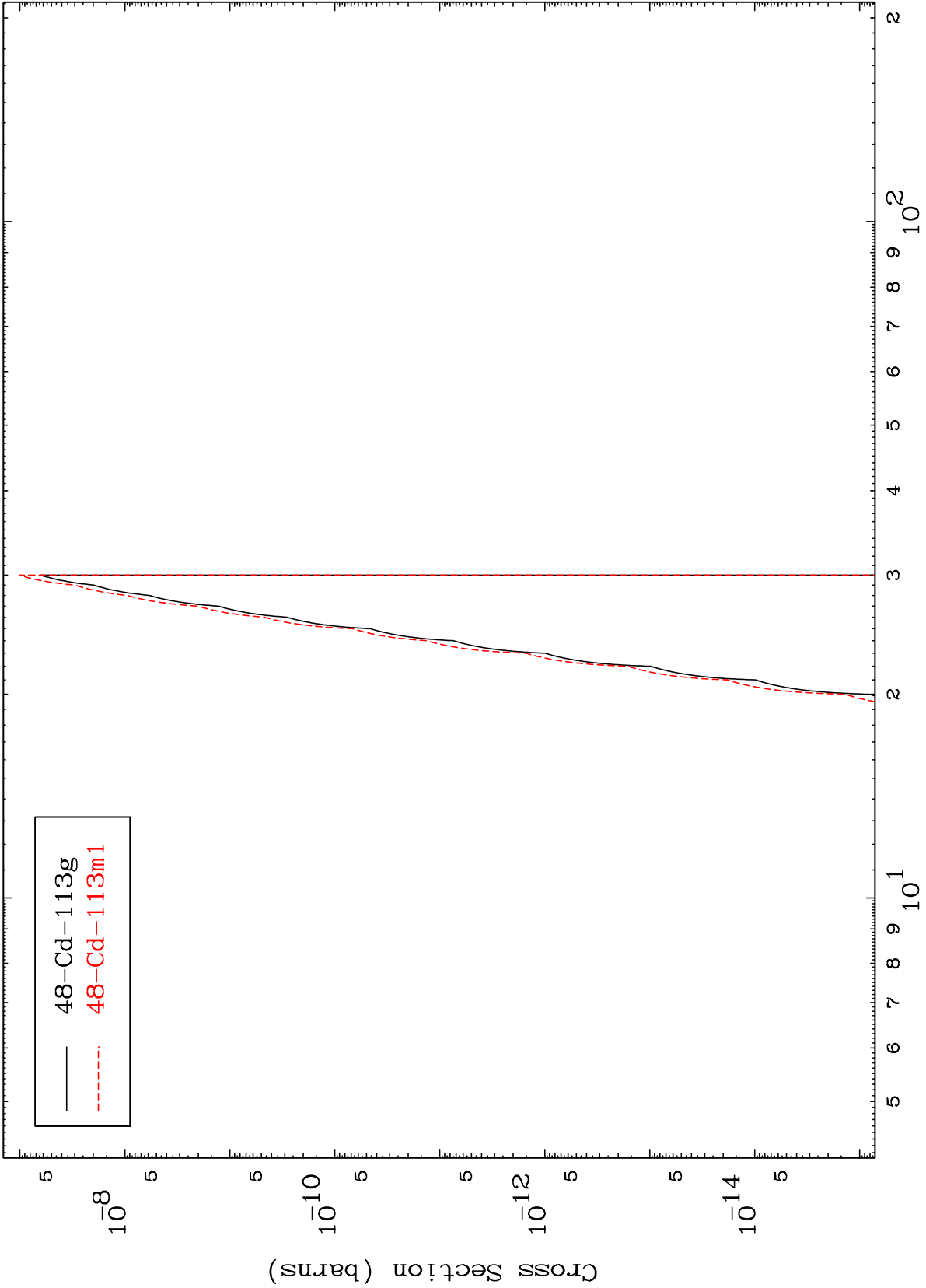
52-Te-121m

MAT 5229

(n,n') 2α

52-Te-121m

Radionuclide Production Cross Section



— 48-Cd-113g
- - - 48-Cd-113m1

24

Incident Energy (MeV)

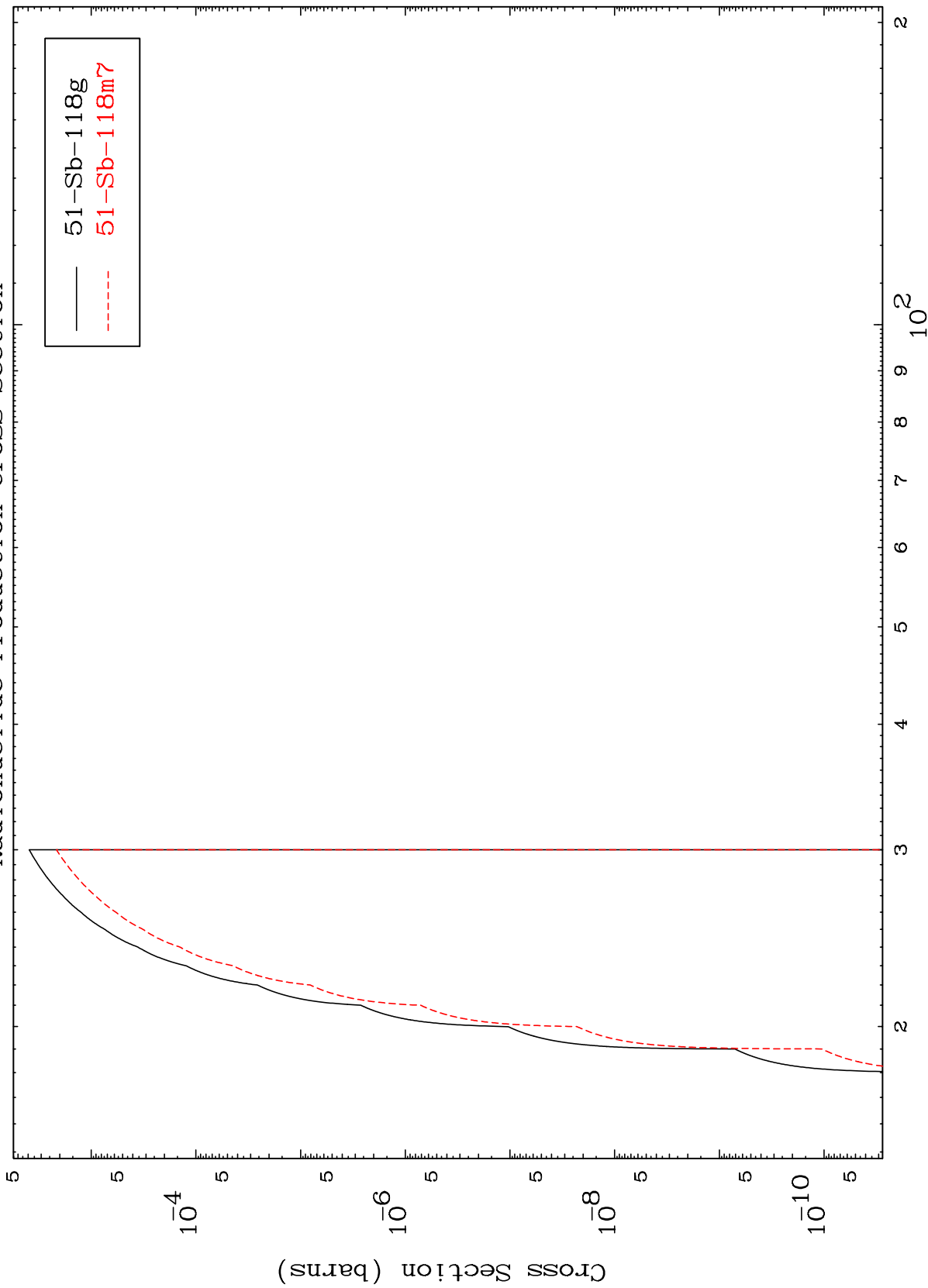
52-Te-121m

MAT 5229

(n,n') t

52-Te-121m

Radionuclide Production Cross Section



25

Incident Energy (MeV)

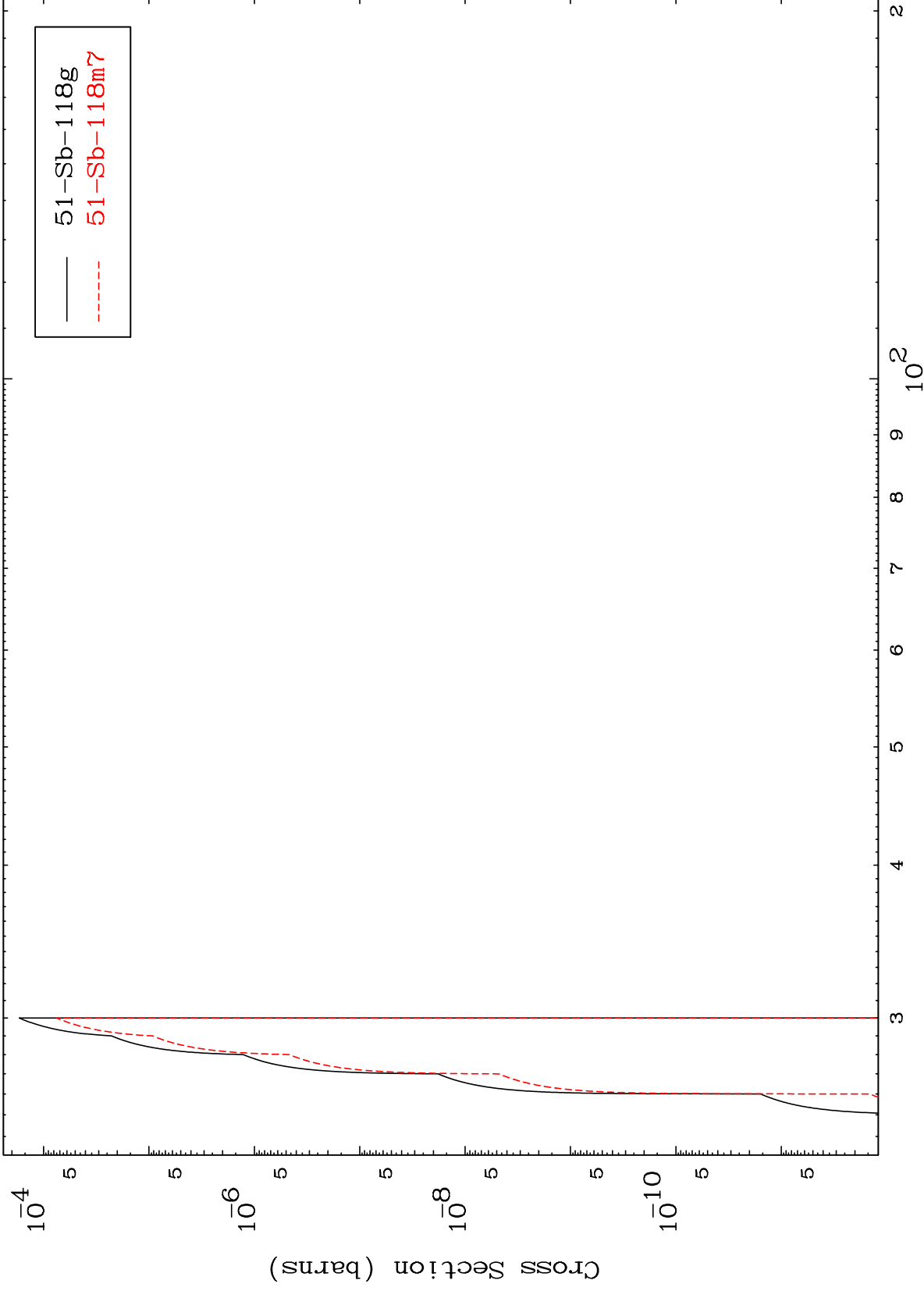
52-Te-121m

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(n,3n) p

52-Te-121m

Radionuclide Production Cross Section



26

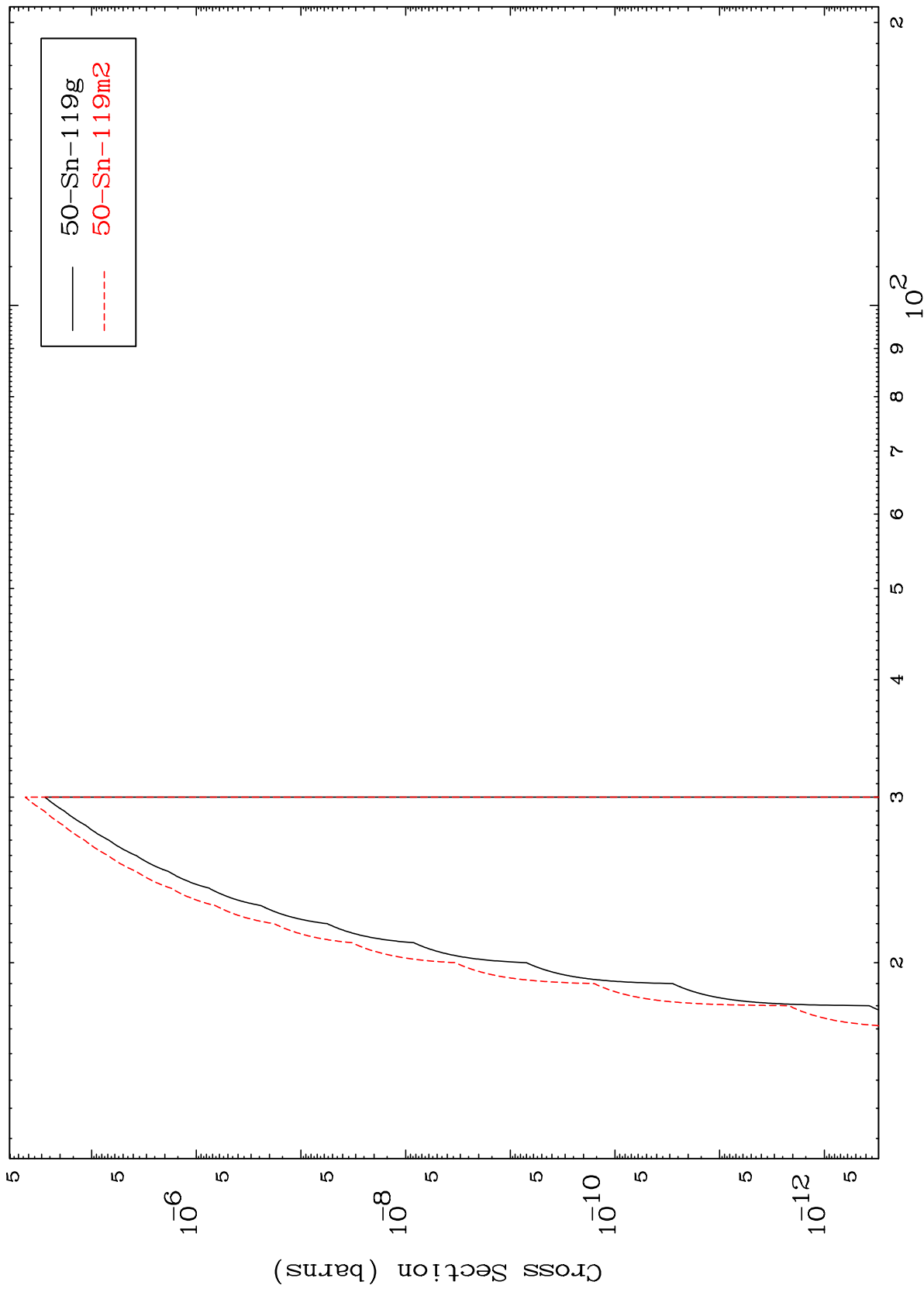
Incident Energy (MeV)

52-Te-121m

MAT 5229

52-Te-121m

(n,2n) p
Radionuclide Production Cross Section



52-Te-121m

Incident Energy (MeV)

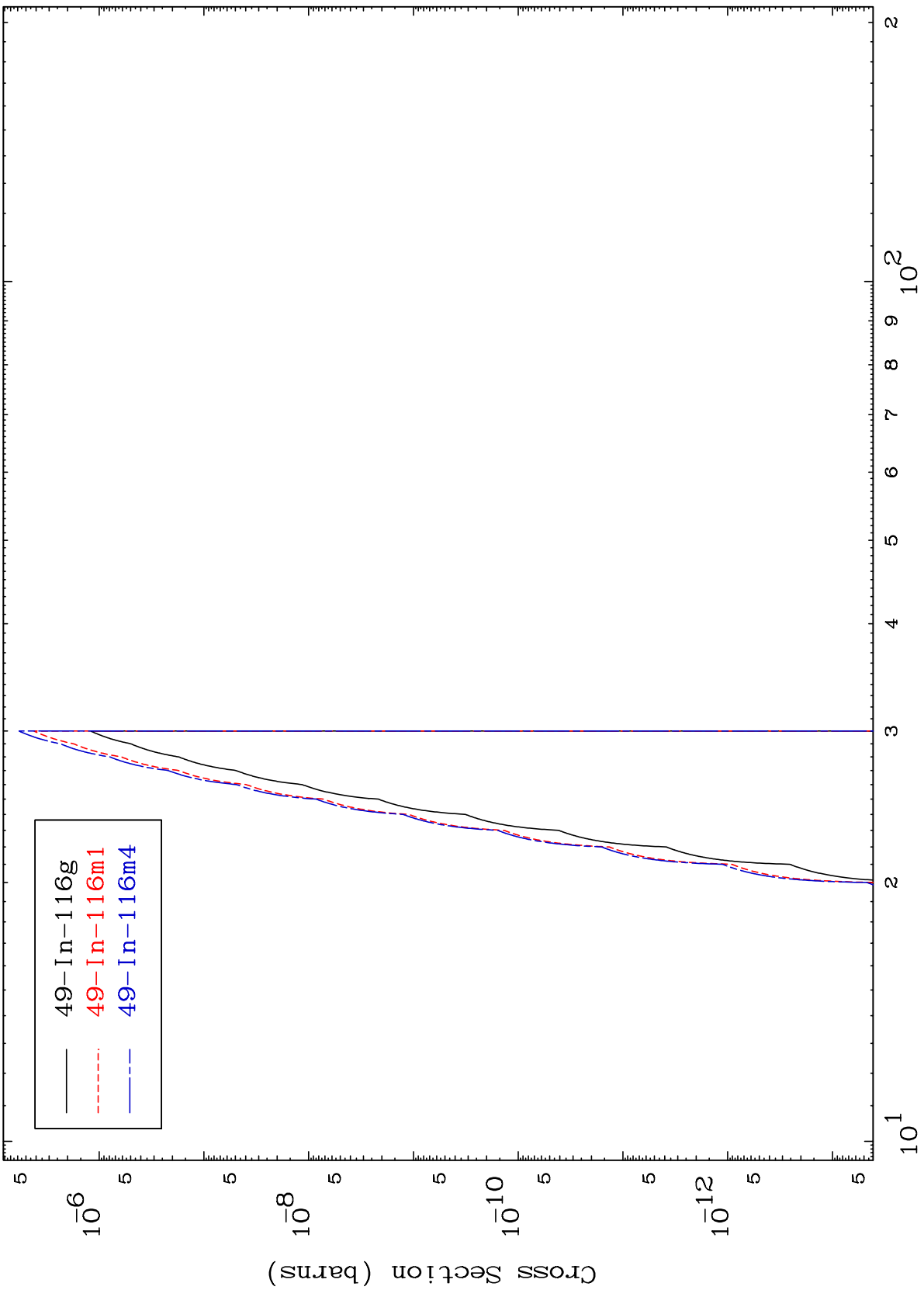
27

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(n,n') p α

52-Te-121m

Radionuclide Production Cross Section



Incident Energy (MeV)

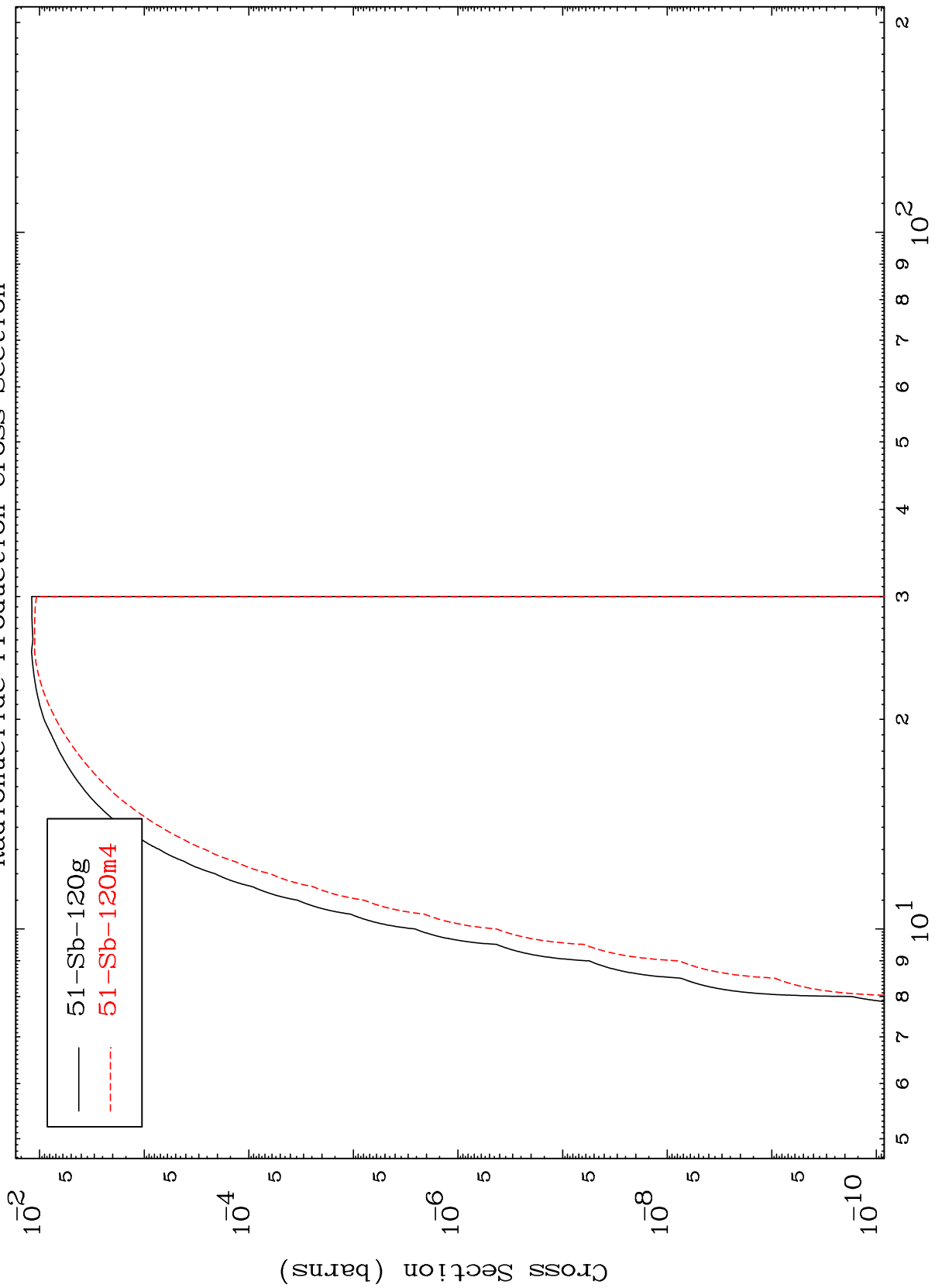
52-Te-121m

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52-Te-121m

(n,d)
Radionuclide Production Cross Section



Incident Energy (MeV)

52-Te-121m

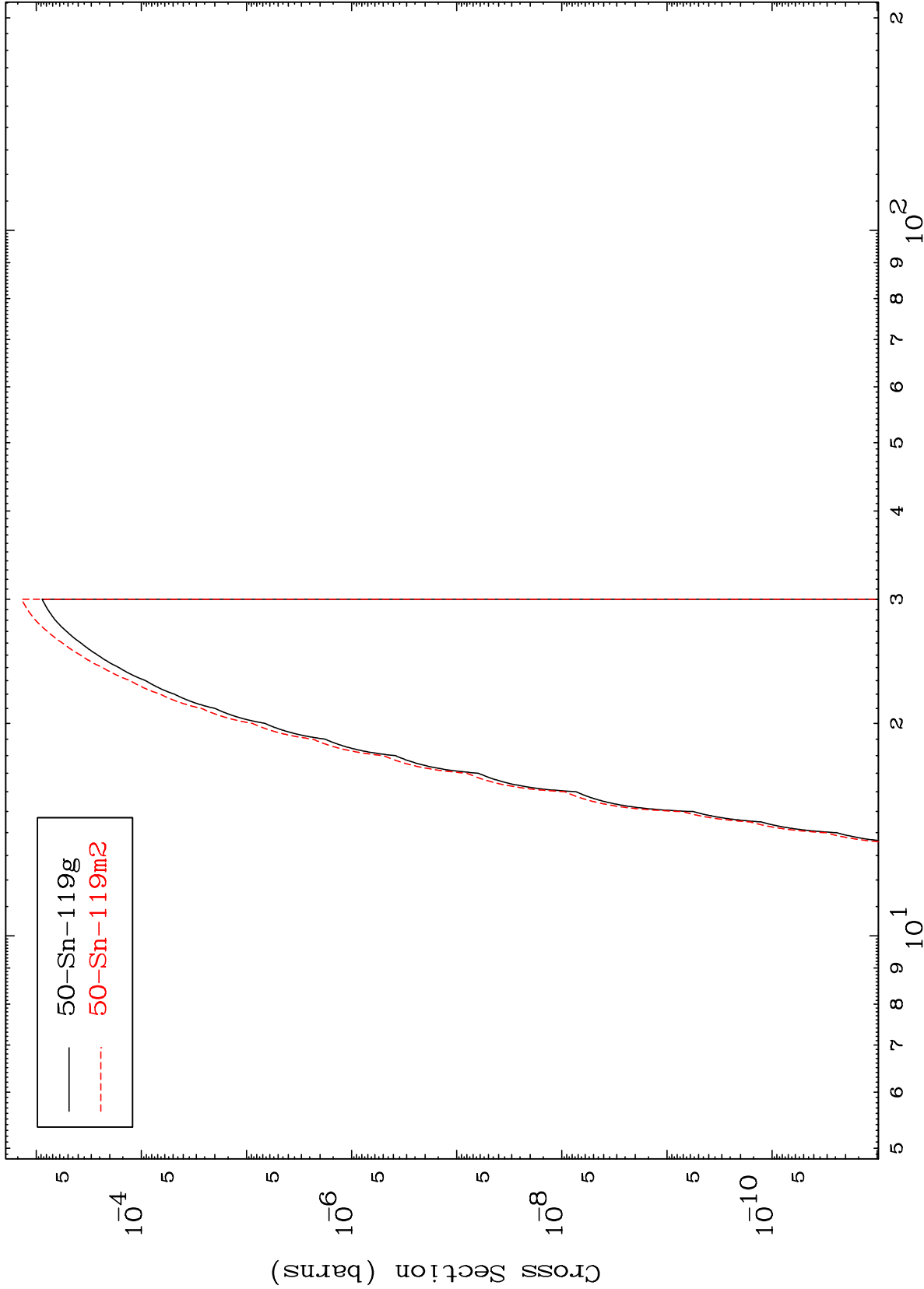
29

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(n,He-3)

52-Te-121m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

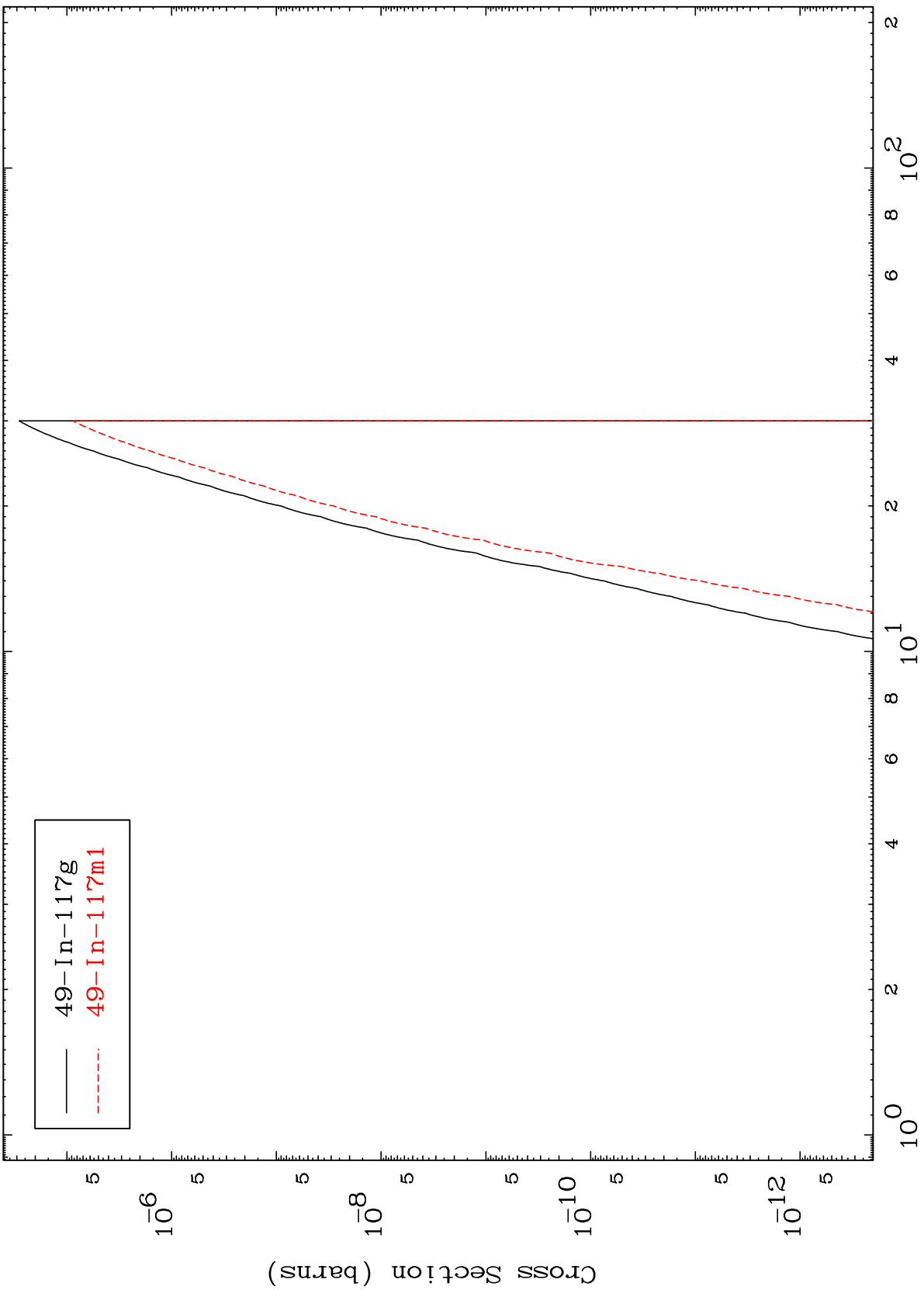
52-Te-121m

MAT 5229

(n,p) α

52-Te-121m

Radionuclide Production Cross Section



31

Incident Energy (MeV)

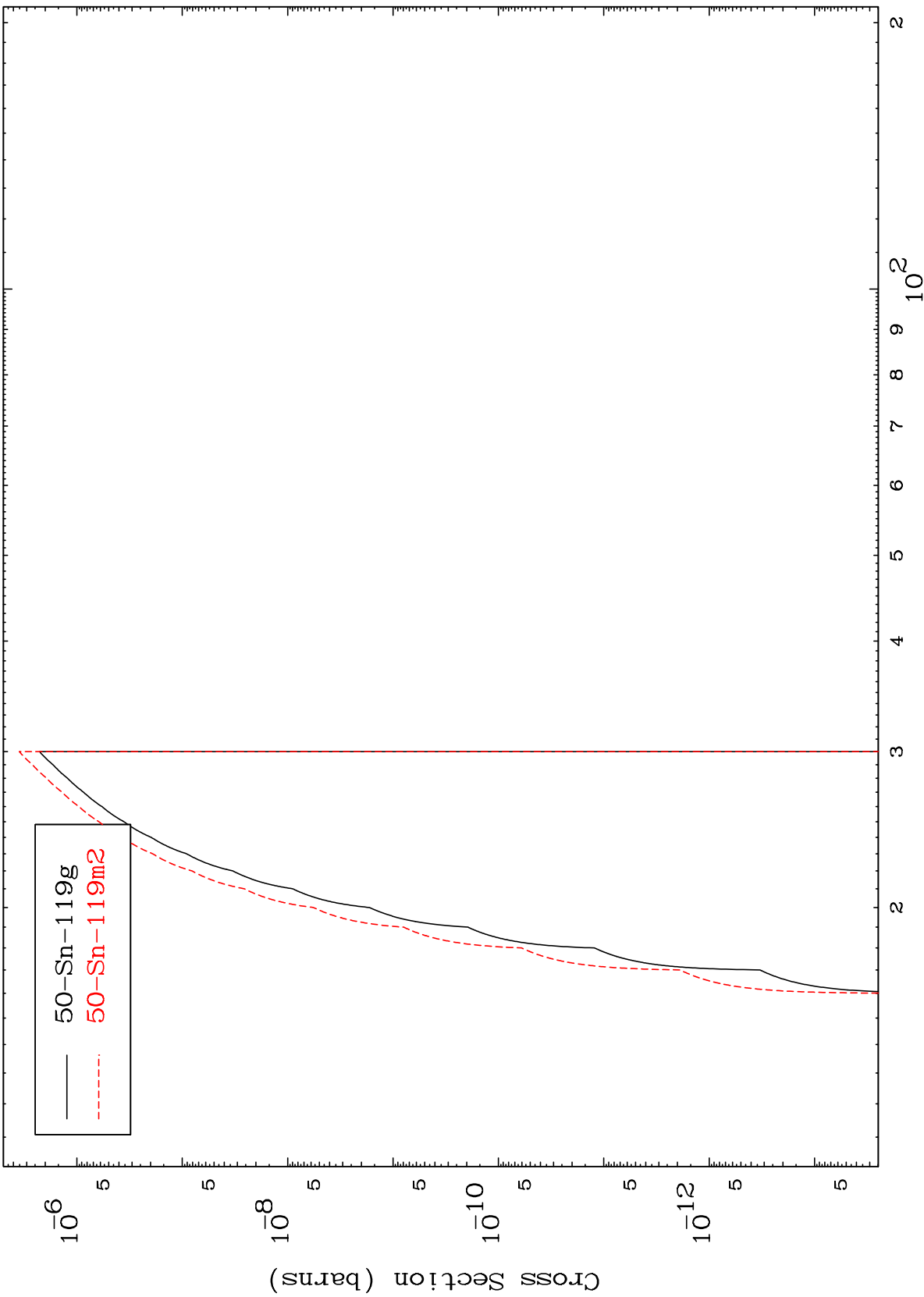
52-Te-121m

MAT 5229

(n,p) d

52-Te-121m

Radionuclide Production Cross Section



Incident Energy (MeV)

52-Te-121m

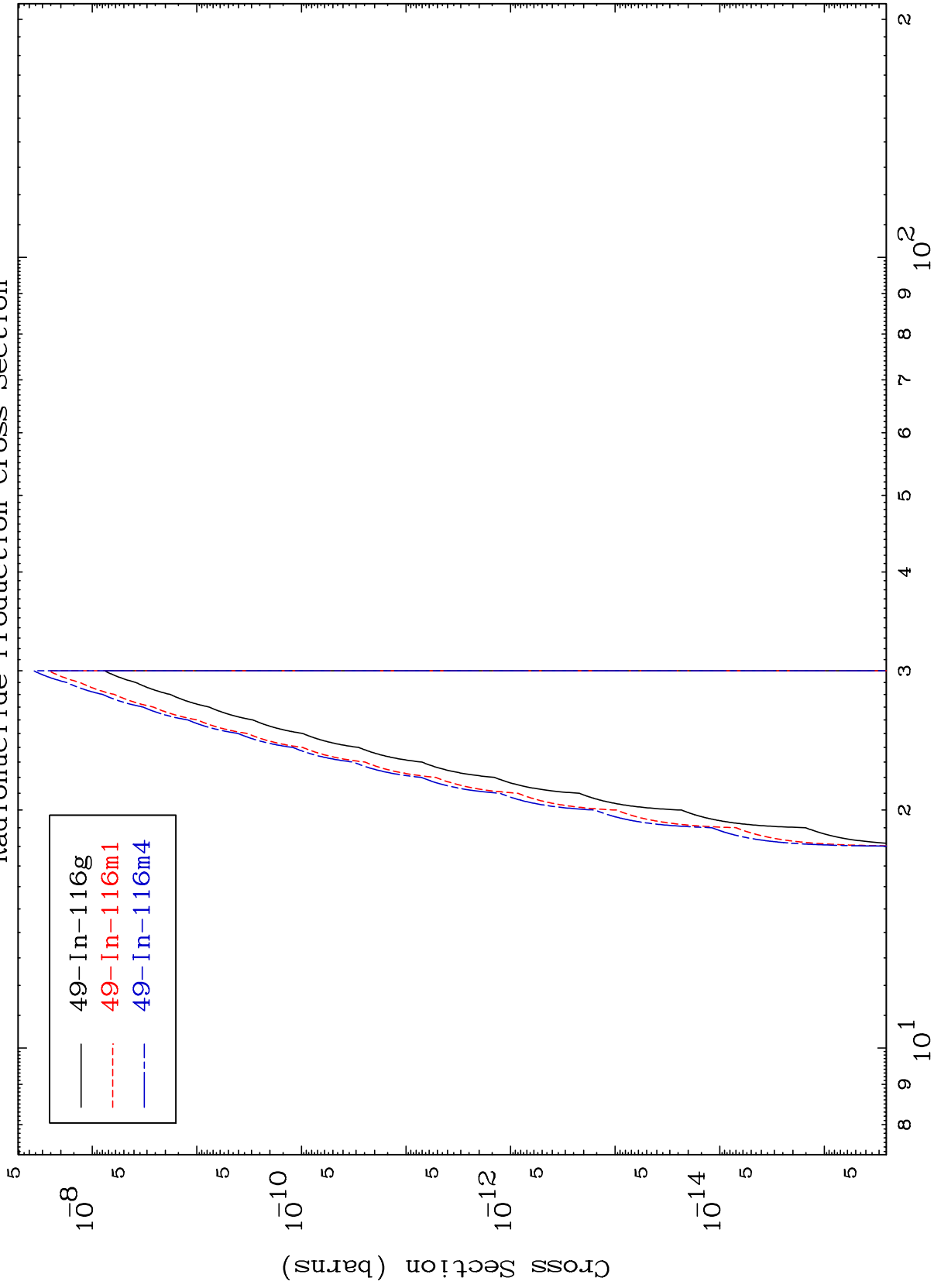
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MAT 5229

52-Te-121m

(n,d) α

Radionuclide Production Cross Section



33

Incident Energy (MeV)

52-Te-121m