

Program EVALPLOT
(Version 2021-1)

by

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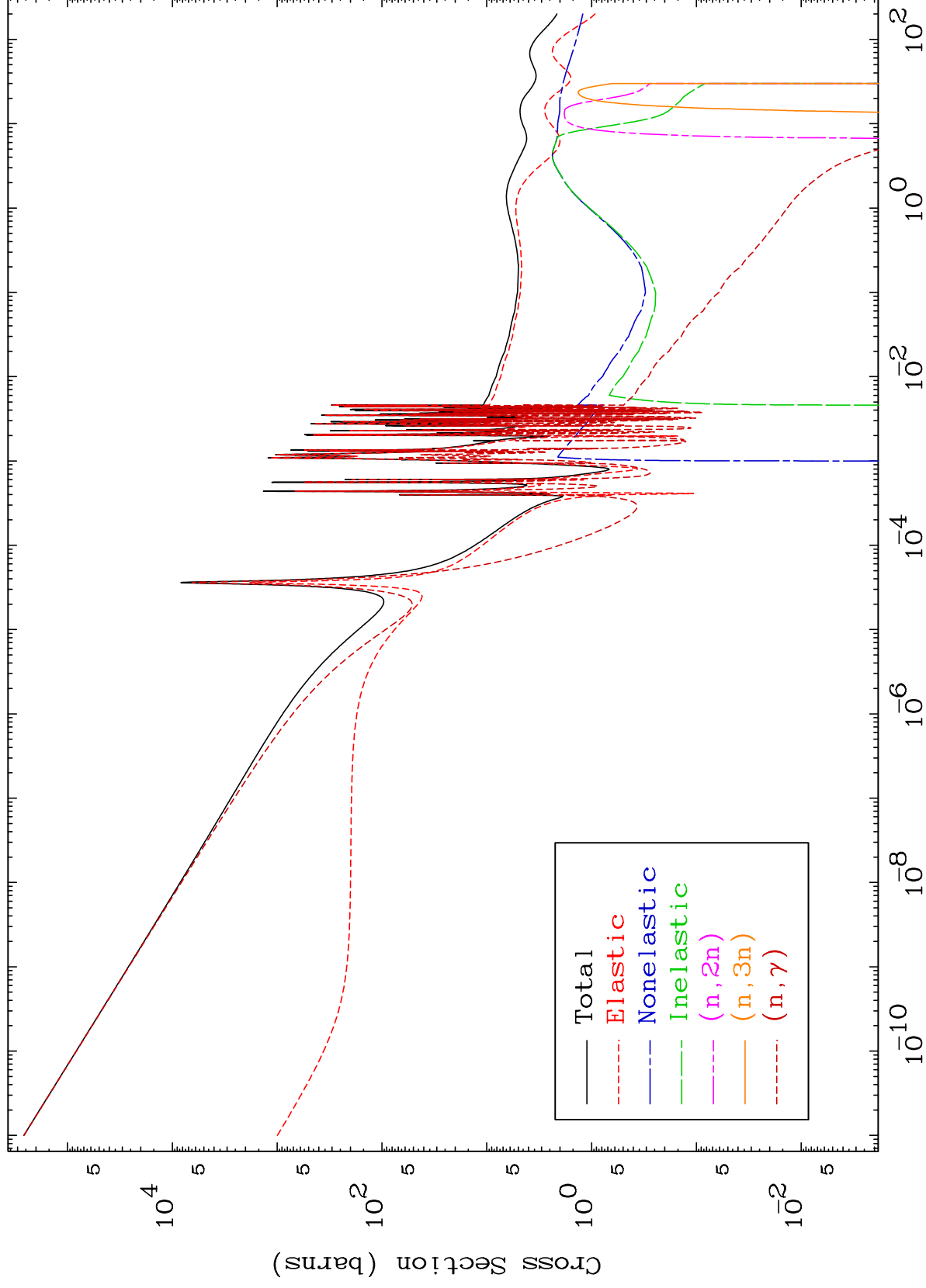
E.Mail: redcullen1@comcast.net
Web: redcullen1.net/HOMEPAGE.NEW

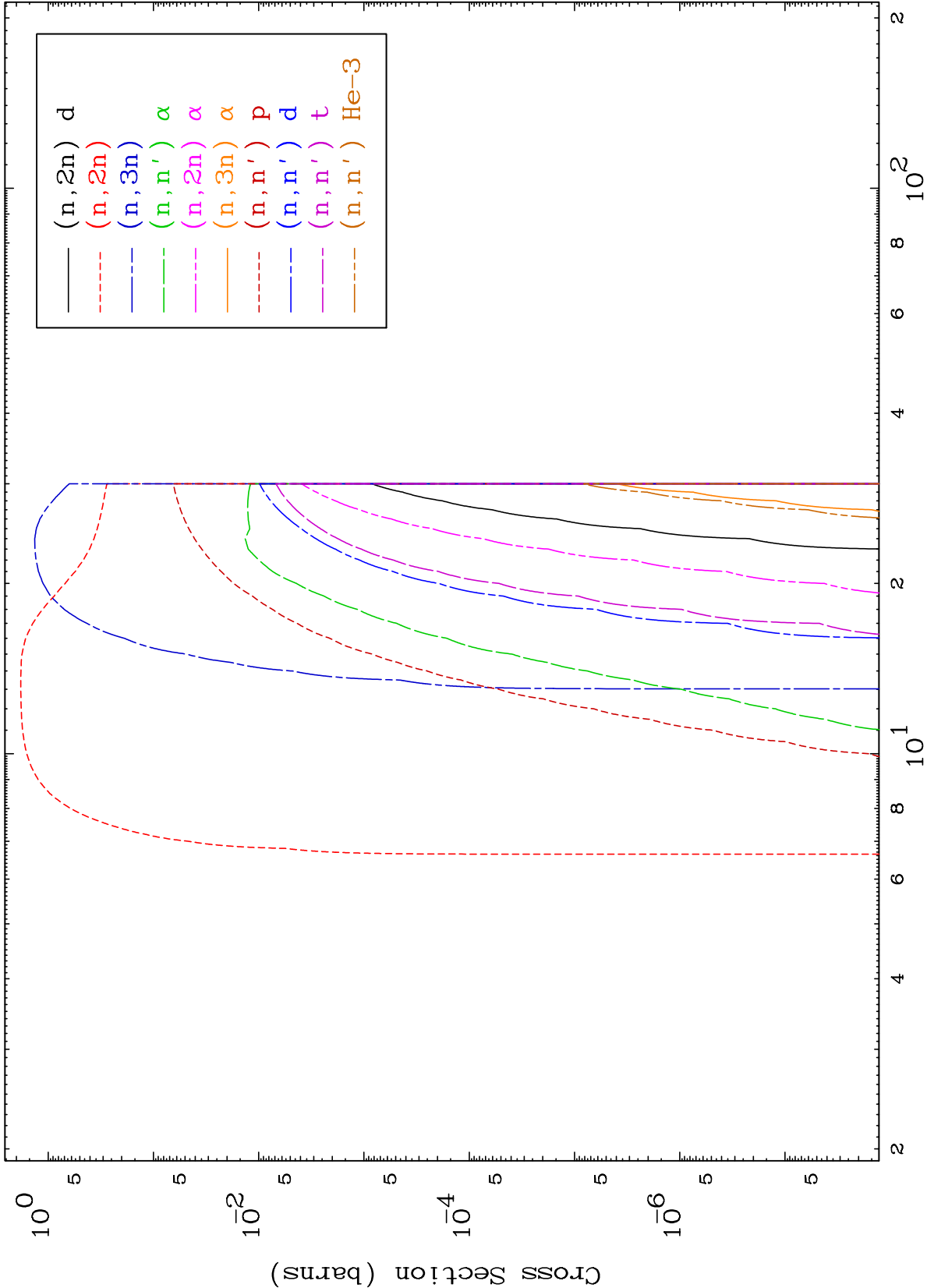
Press Mouse Button to Start

MAT 5344

Neutron Major
293 Kelvin Cross Sections

53-I -133m

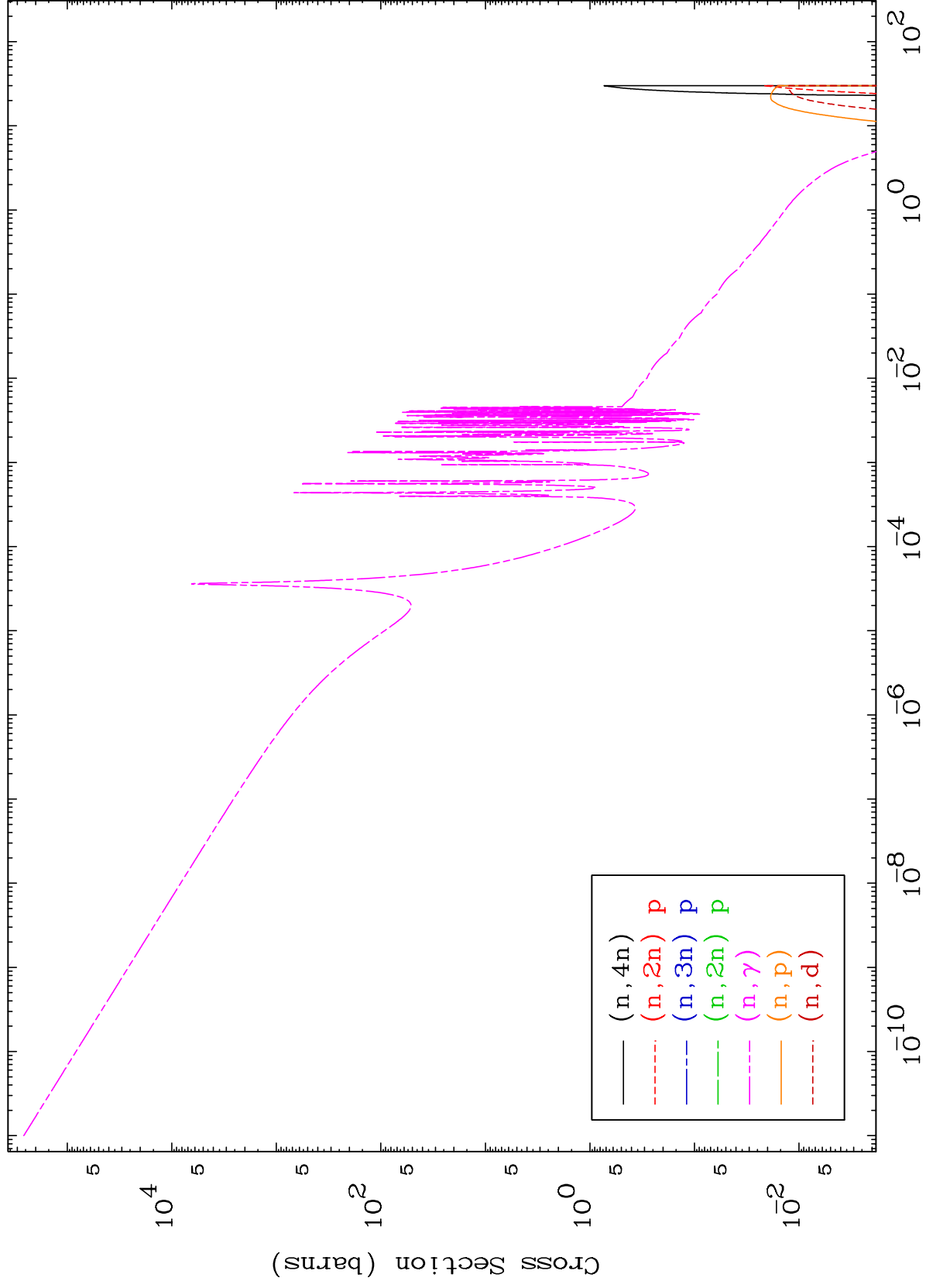


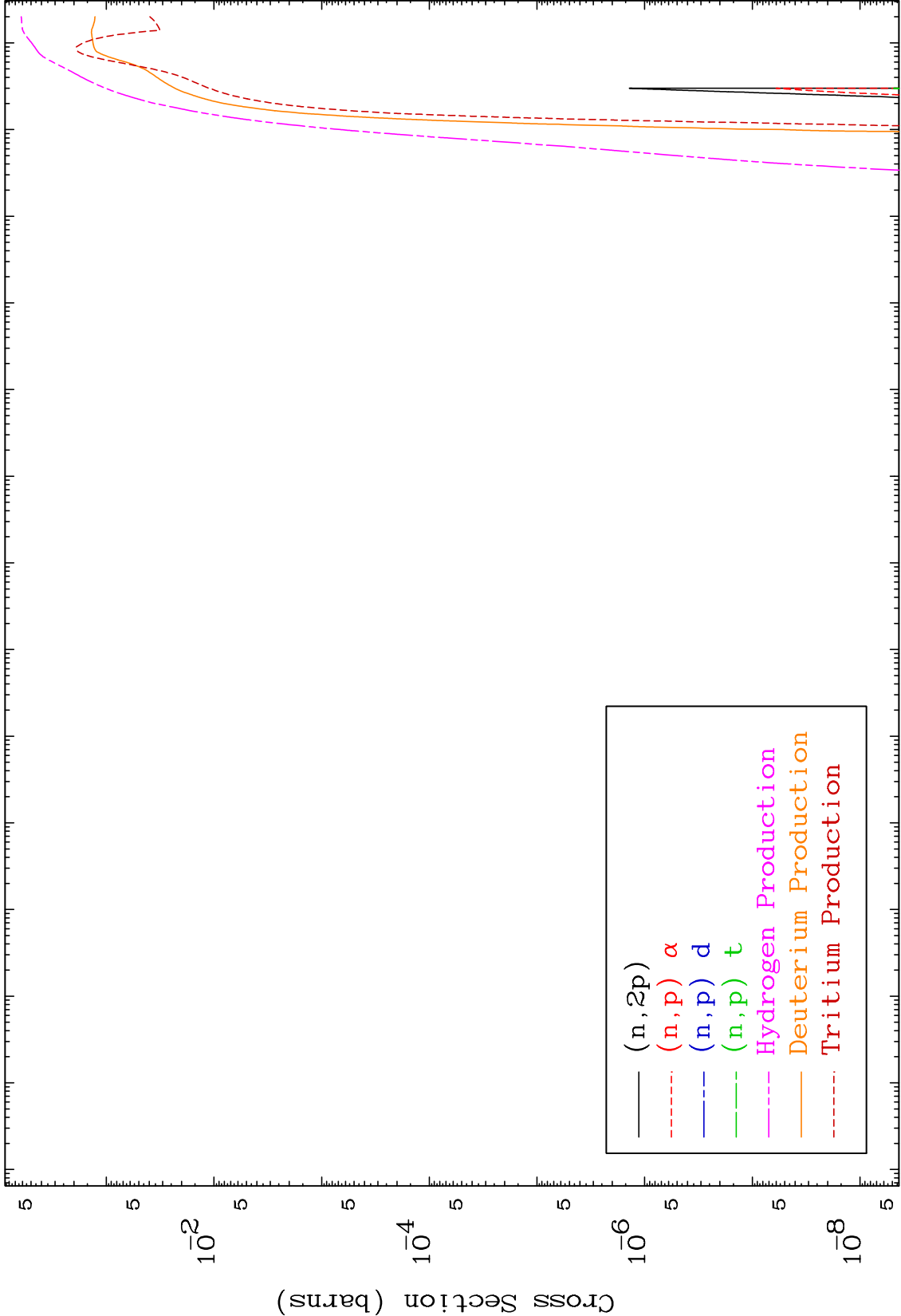


MAT 5344

Neutron Absorption
293 Kelvin Cross Sections

53-I -133m

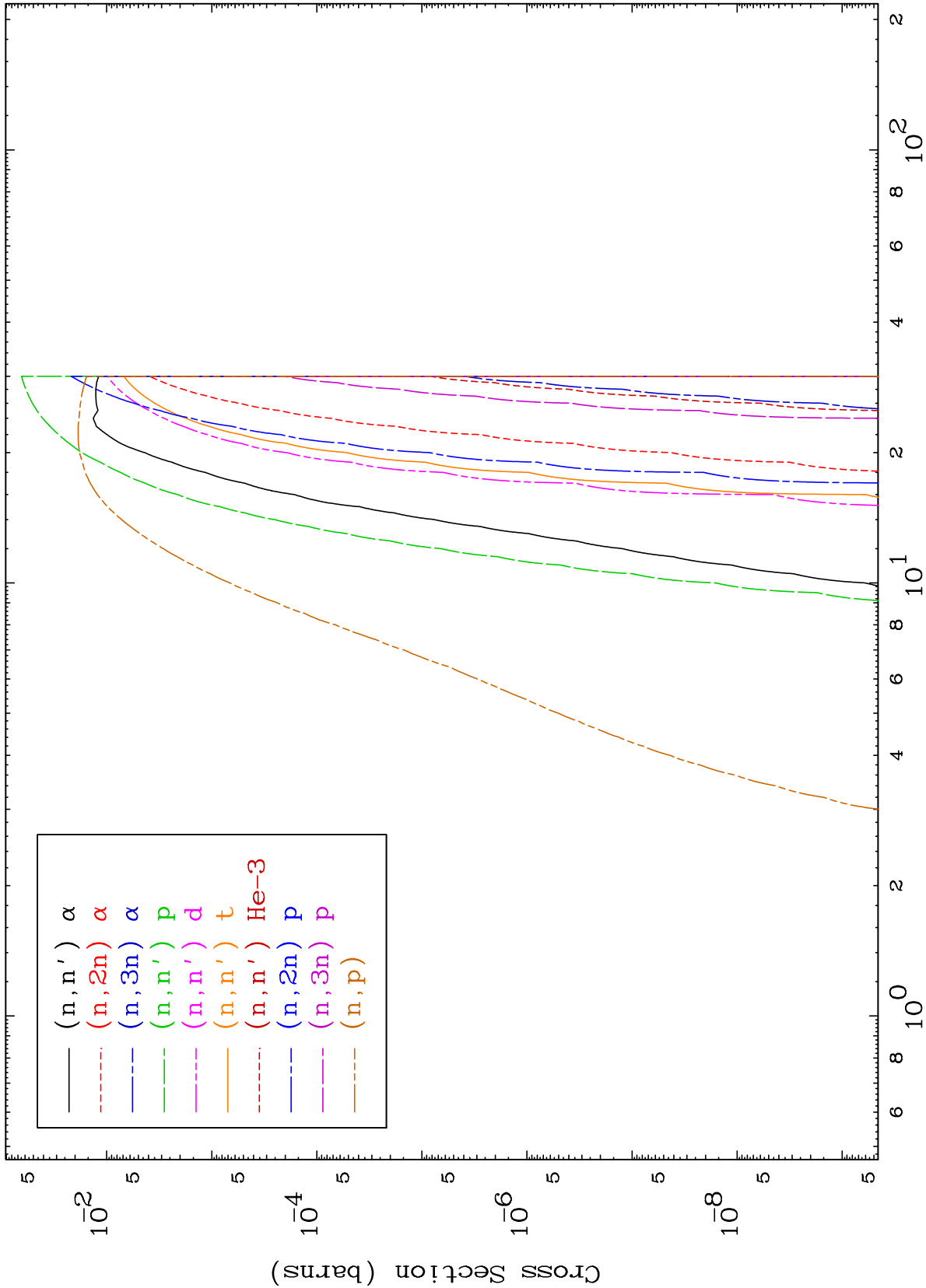




MAT 5344

Charged Particle
293 Kelvin Cross Sections

53-I -133m



5

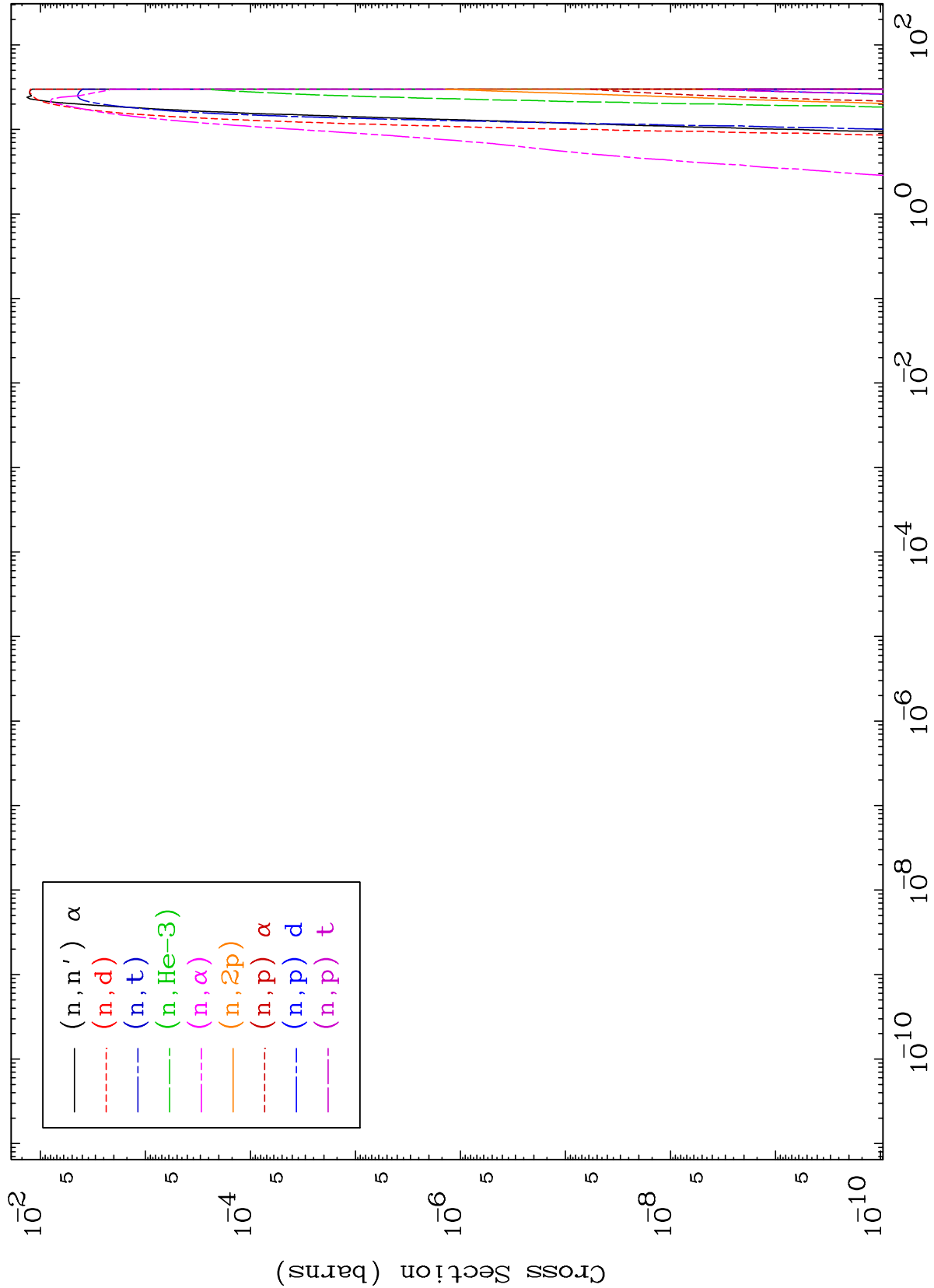
Incident Energy (MeV)

53-I -133m

MAT 5344

Charged Particle
293 Kelvin Cross Sections

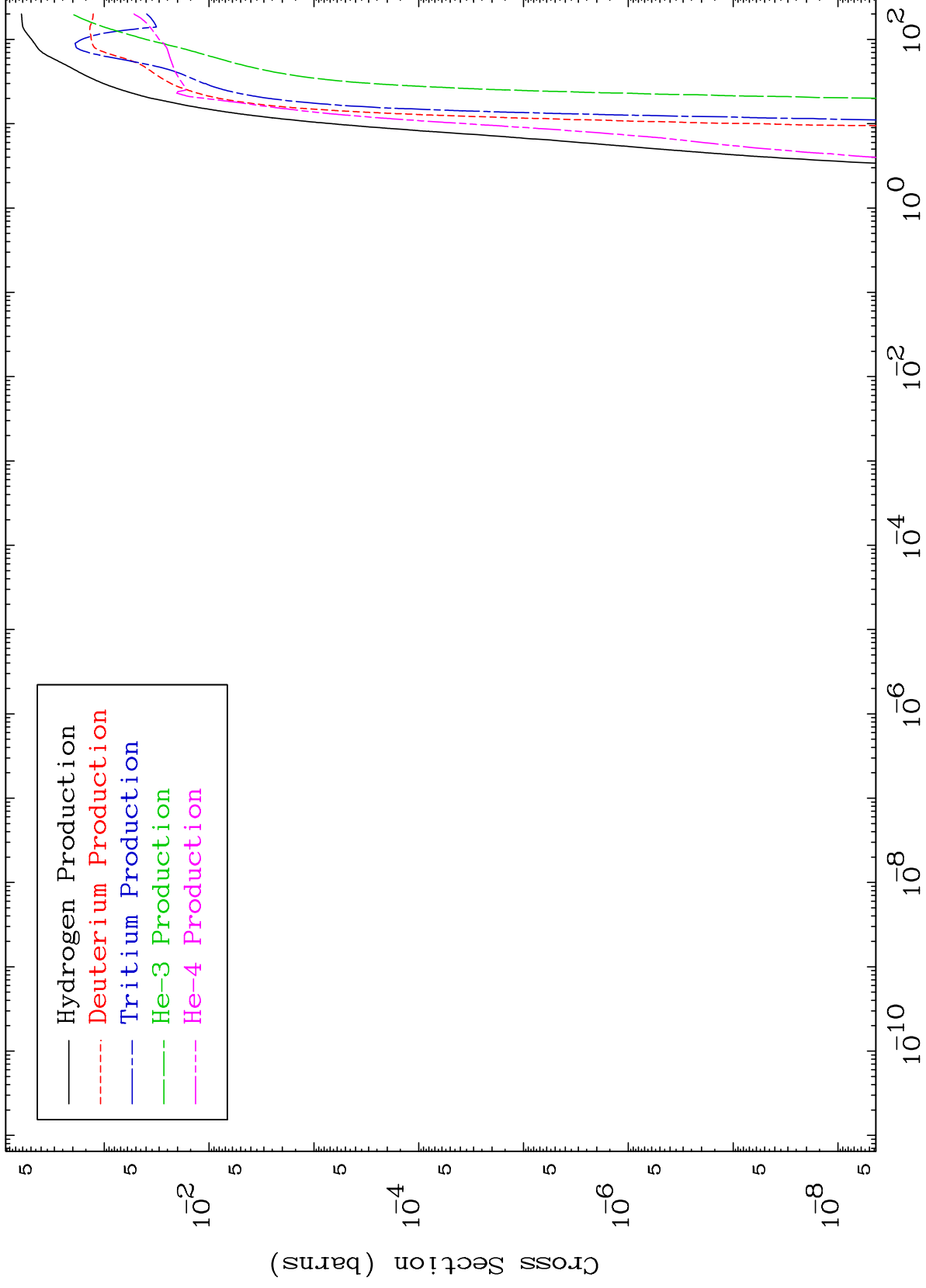
53-I -133m



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Particle Production
293 Kelvin Cross Sections

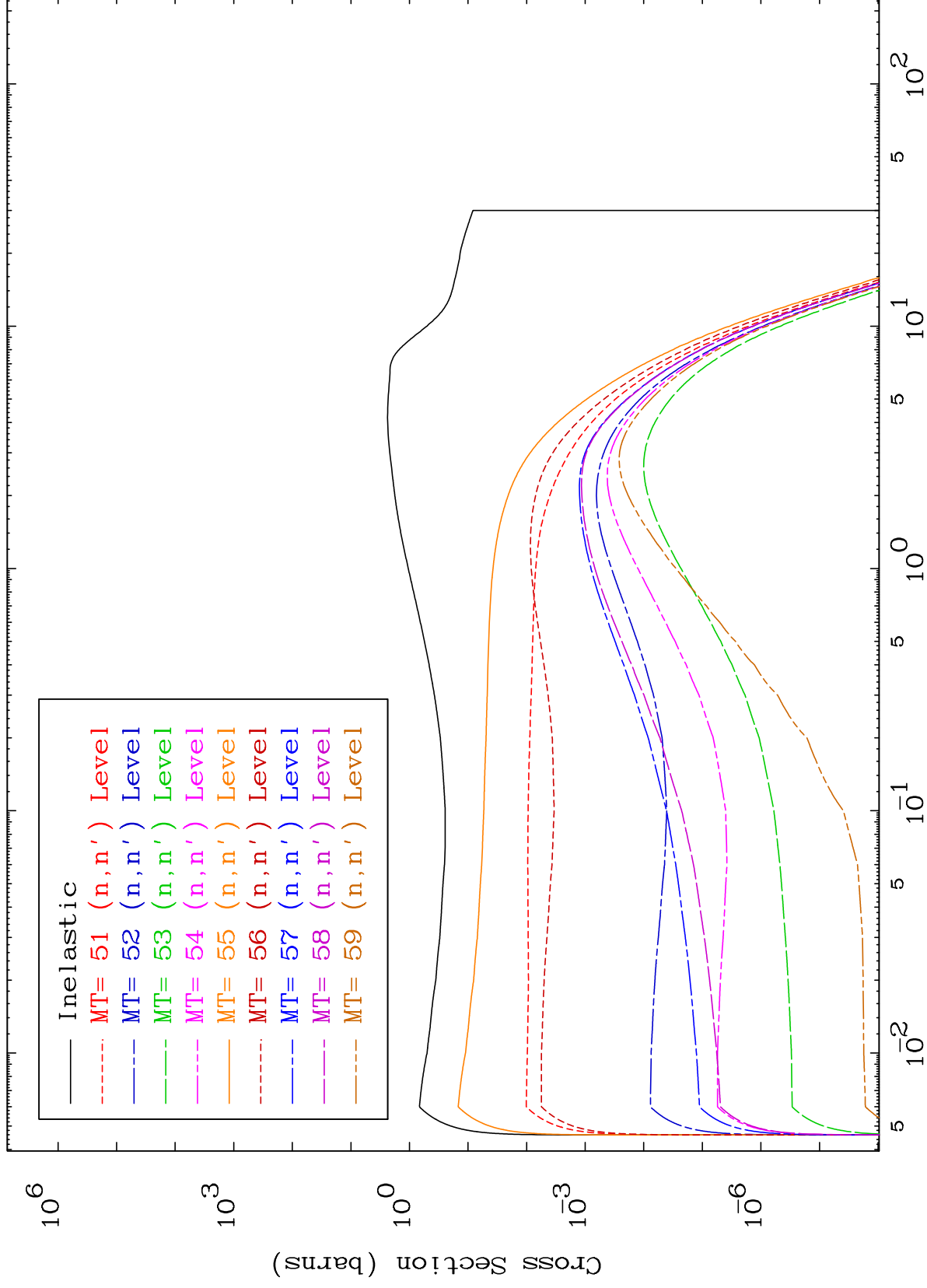
53-I -133m



MAT 5344

(n,n') Levels
293 Kelvin Cross Sections

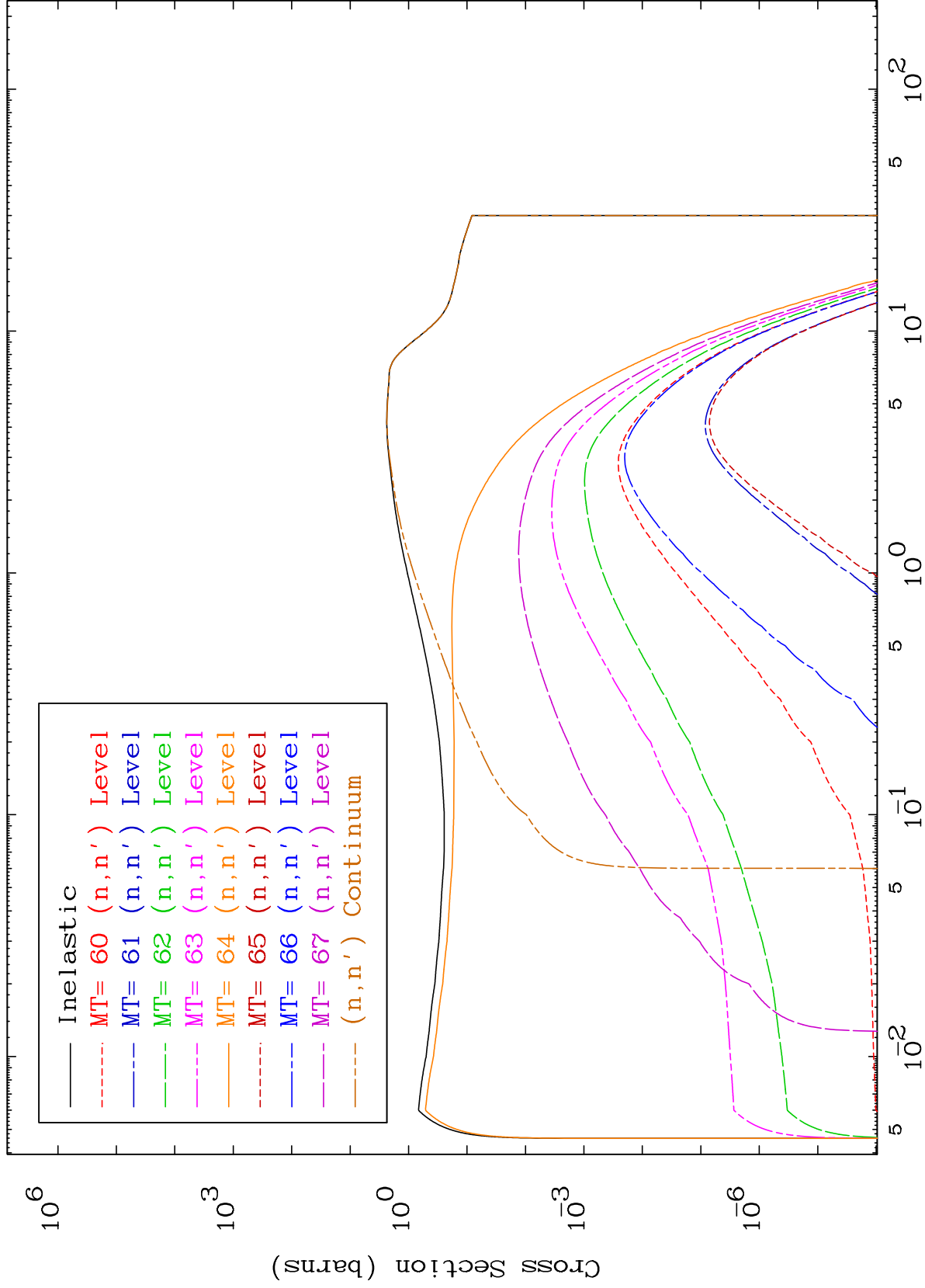
53-I -133m



MAT 5344

(n,n') Levels
293 Kelvin Cross Sections

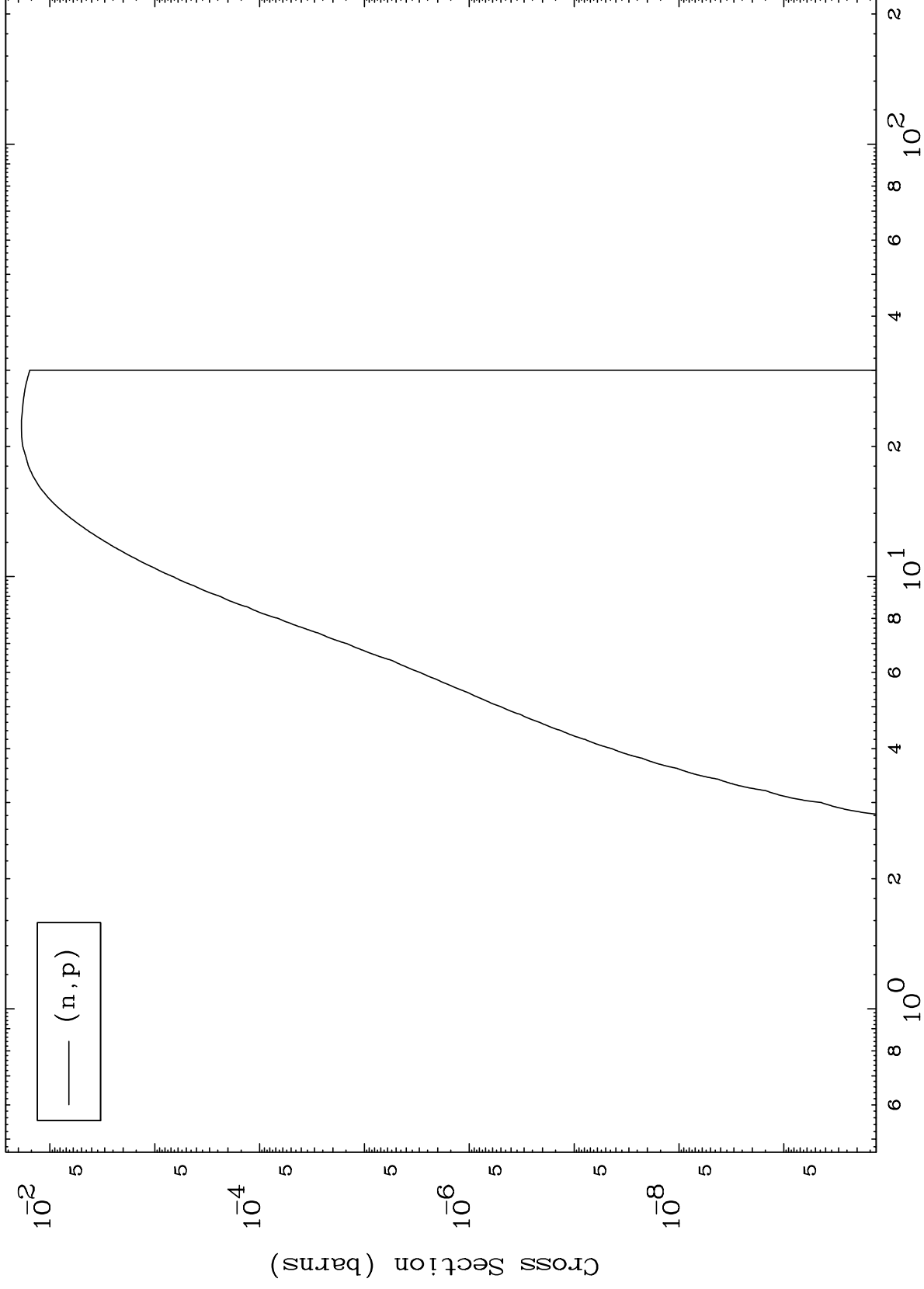
53-I -133m



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(n,p) Levels
293 Kelvin Cross Sections

53-I -133m



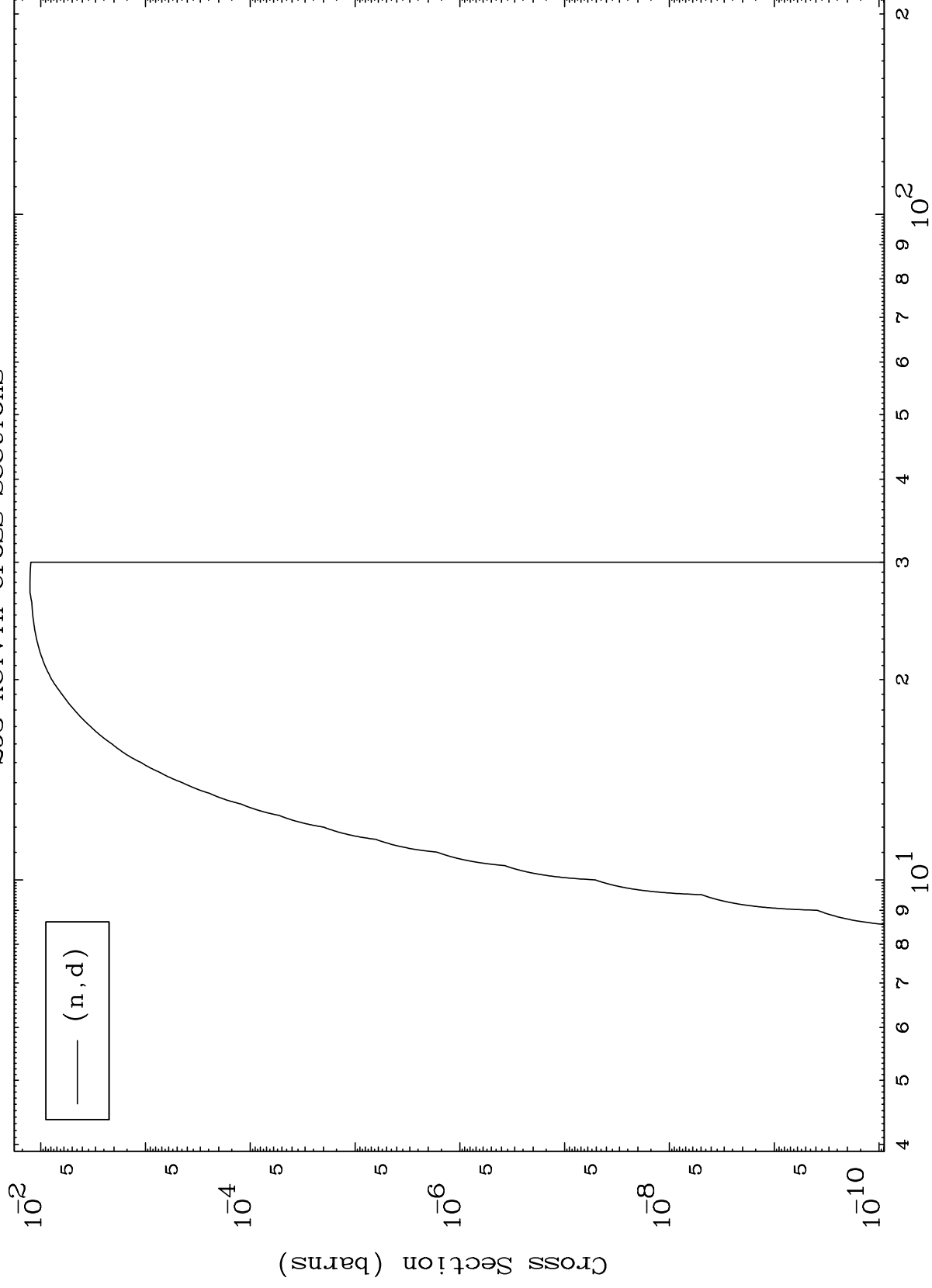
Incident Energy (MeV)

53-I -133m

MAT 5344

(n,d) Levels
293 Kelvin Cross Sections

53-I -133m



11

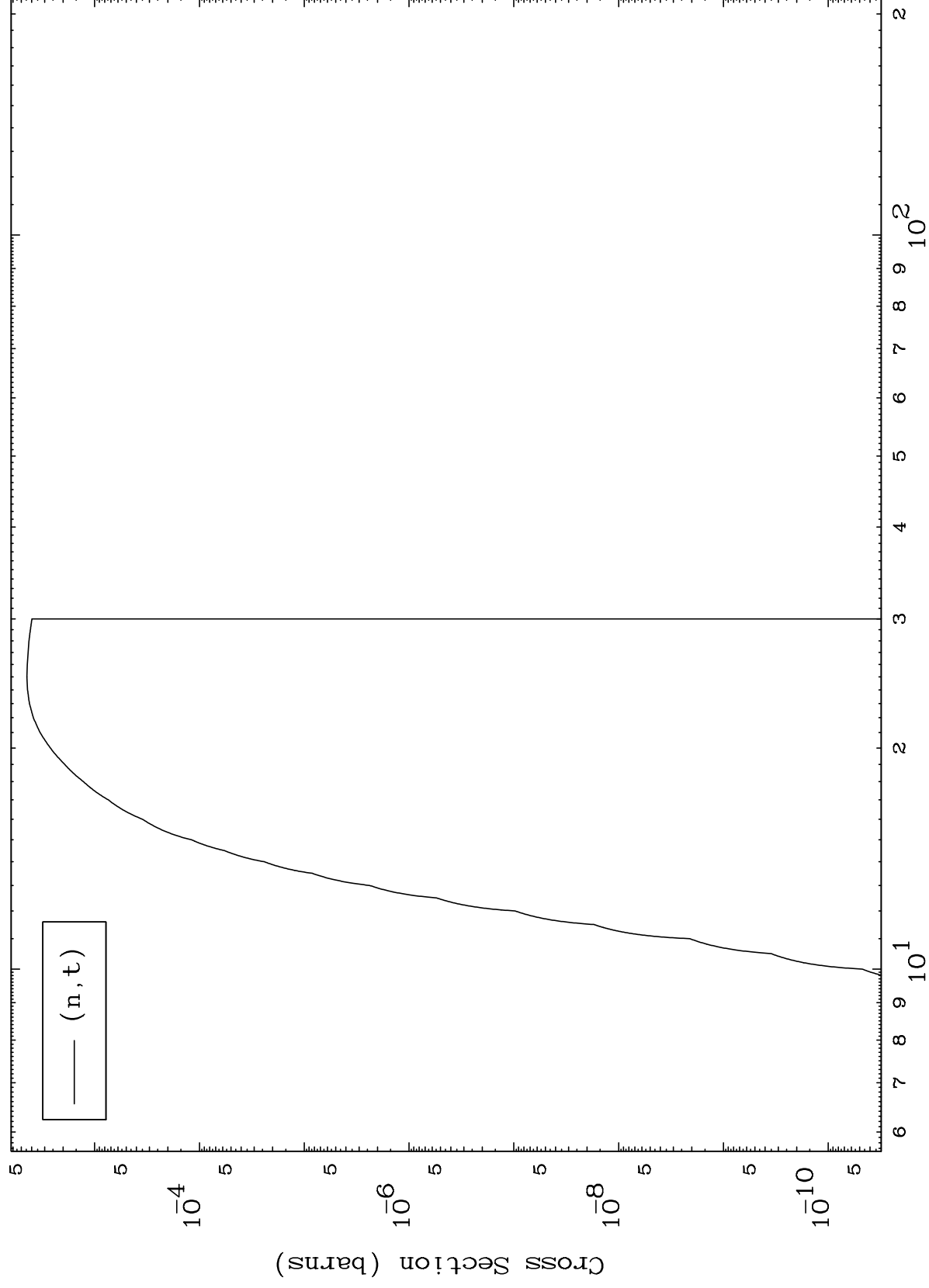
Incident Energy (MeV)

53-I -133m

MAT 5344

(n,t) Levels
293 Kelvin Cross Sections

53-I -133m



Incident Energy (MeV)

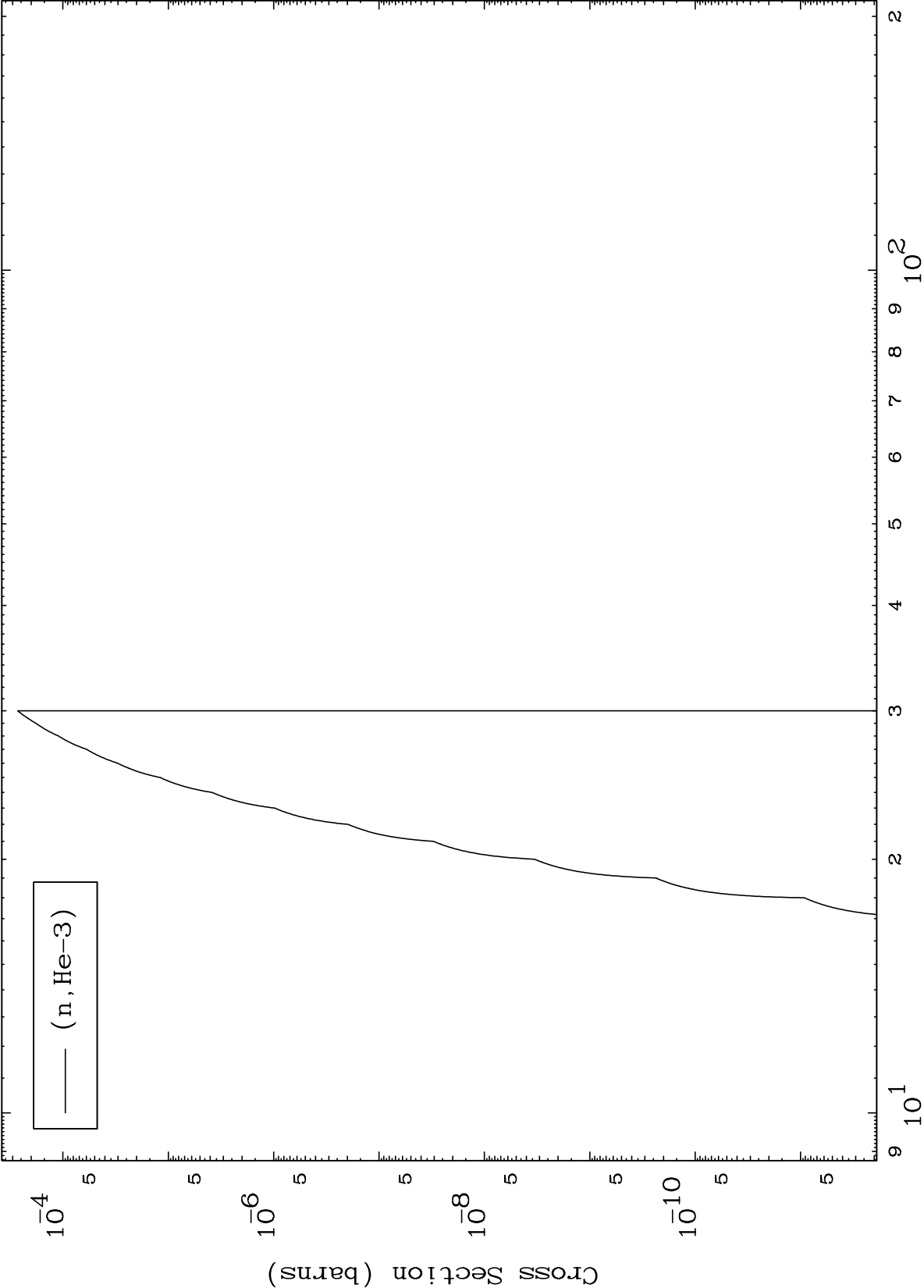
53-I -133m

12

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(n,He3) Levels
293 Kelvin Cross Sections

53-I -133m



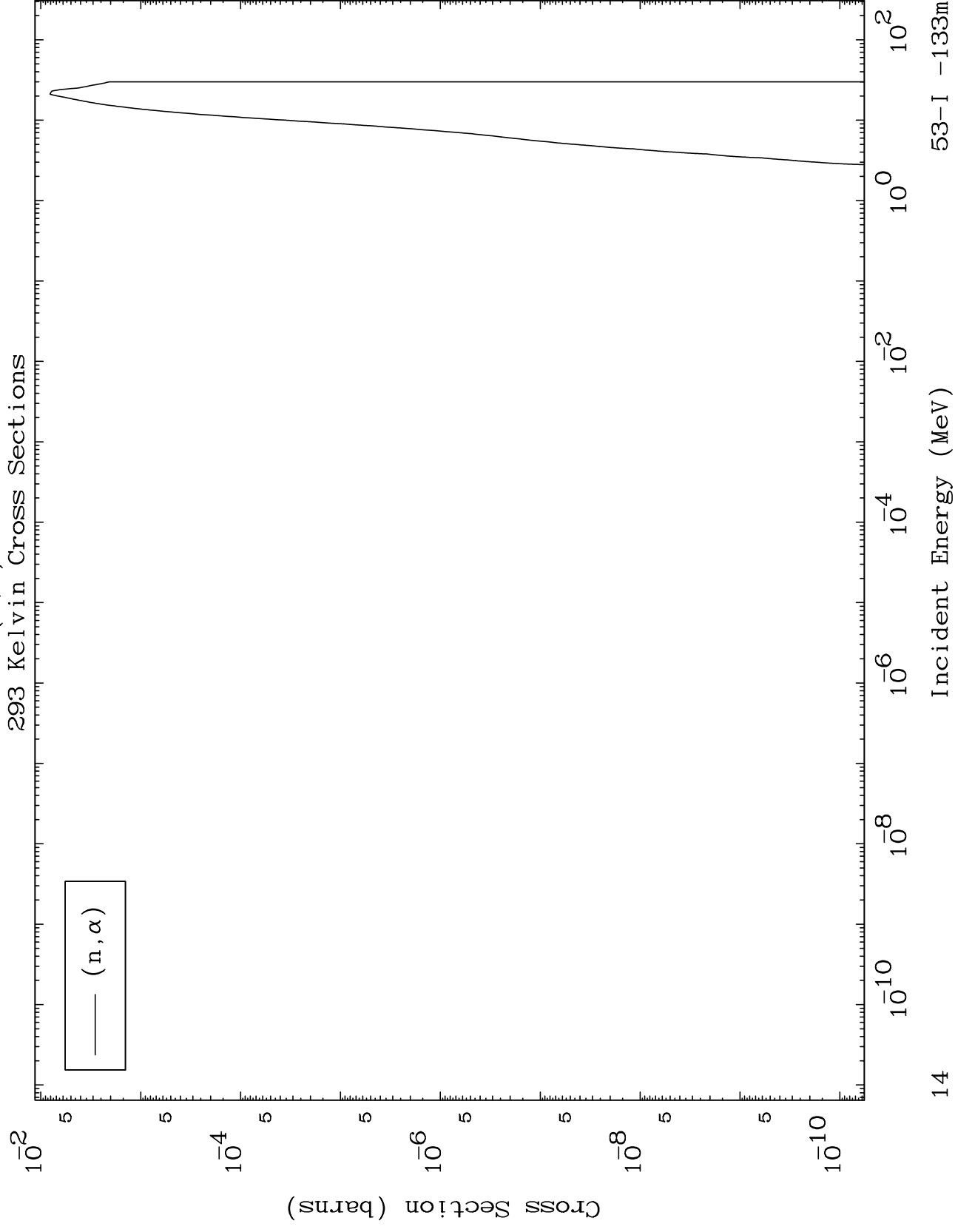
Incident Energy (MeV)

53-I -133m

MAT 5344

(n, α) Levels
293 Kelvin Cross Sections

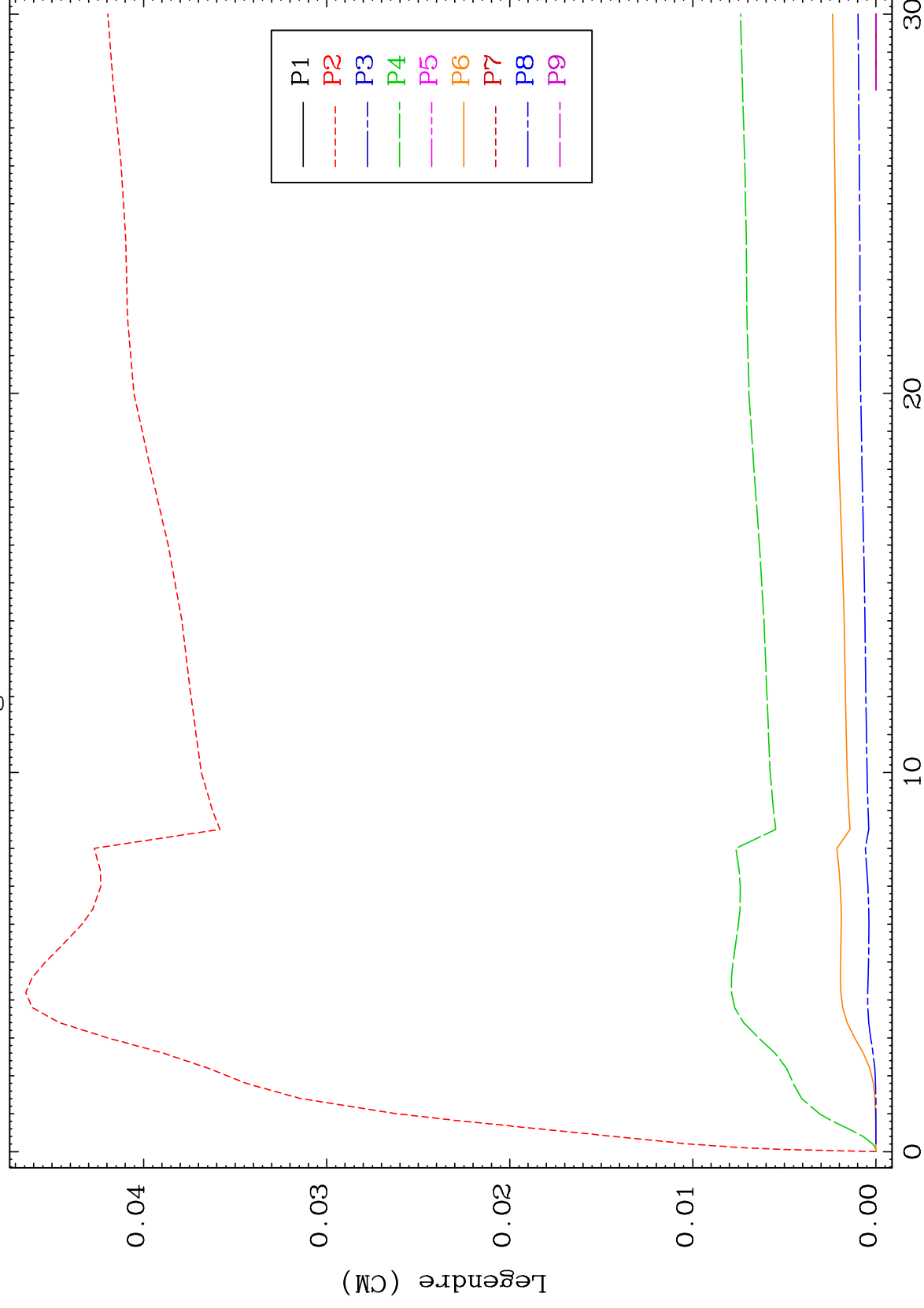
53-I -133m

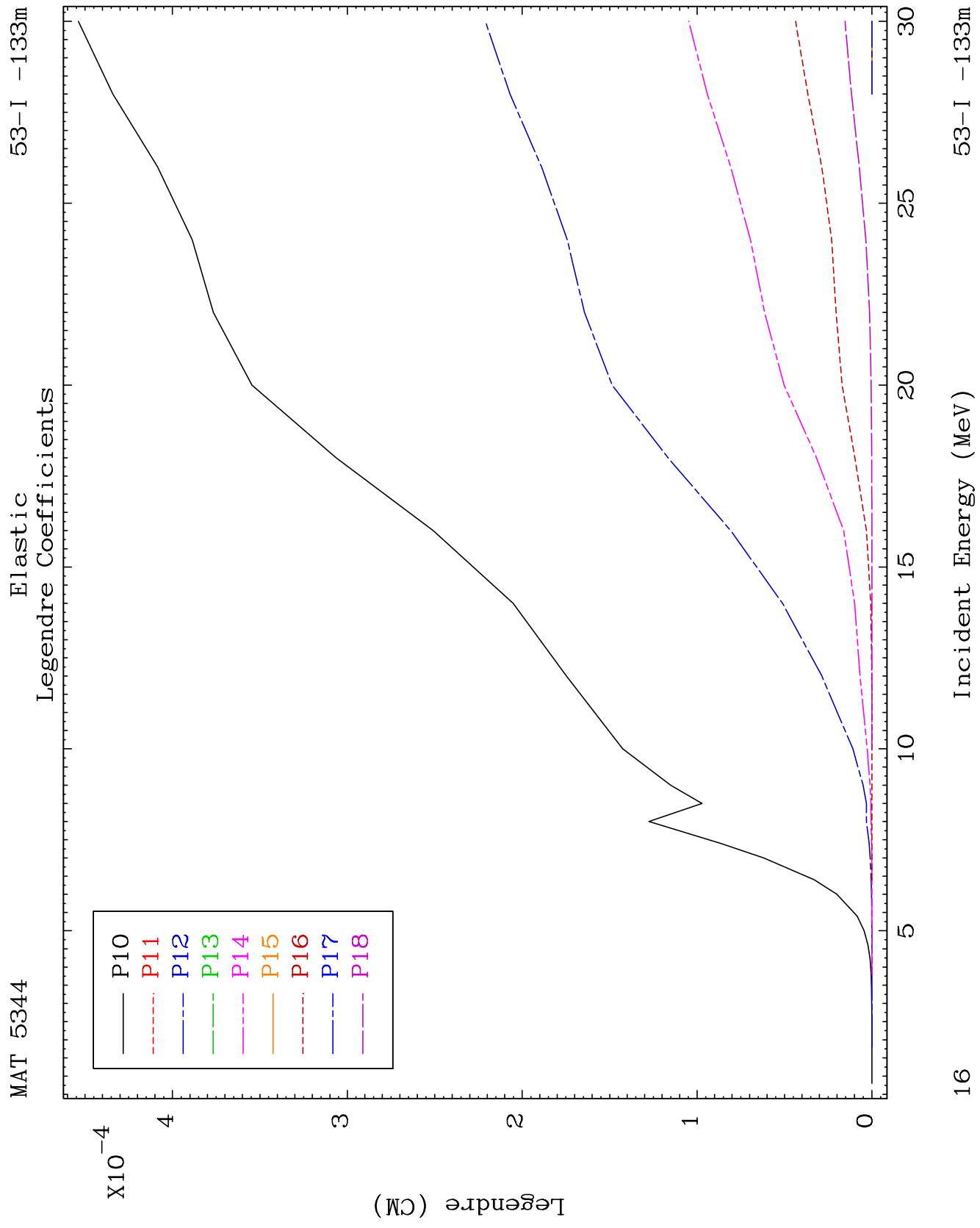


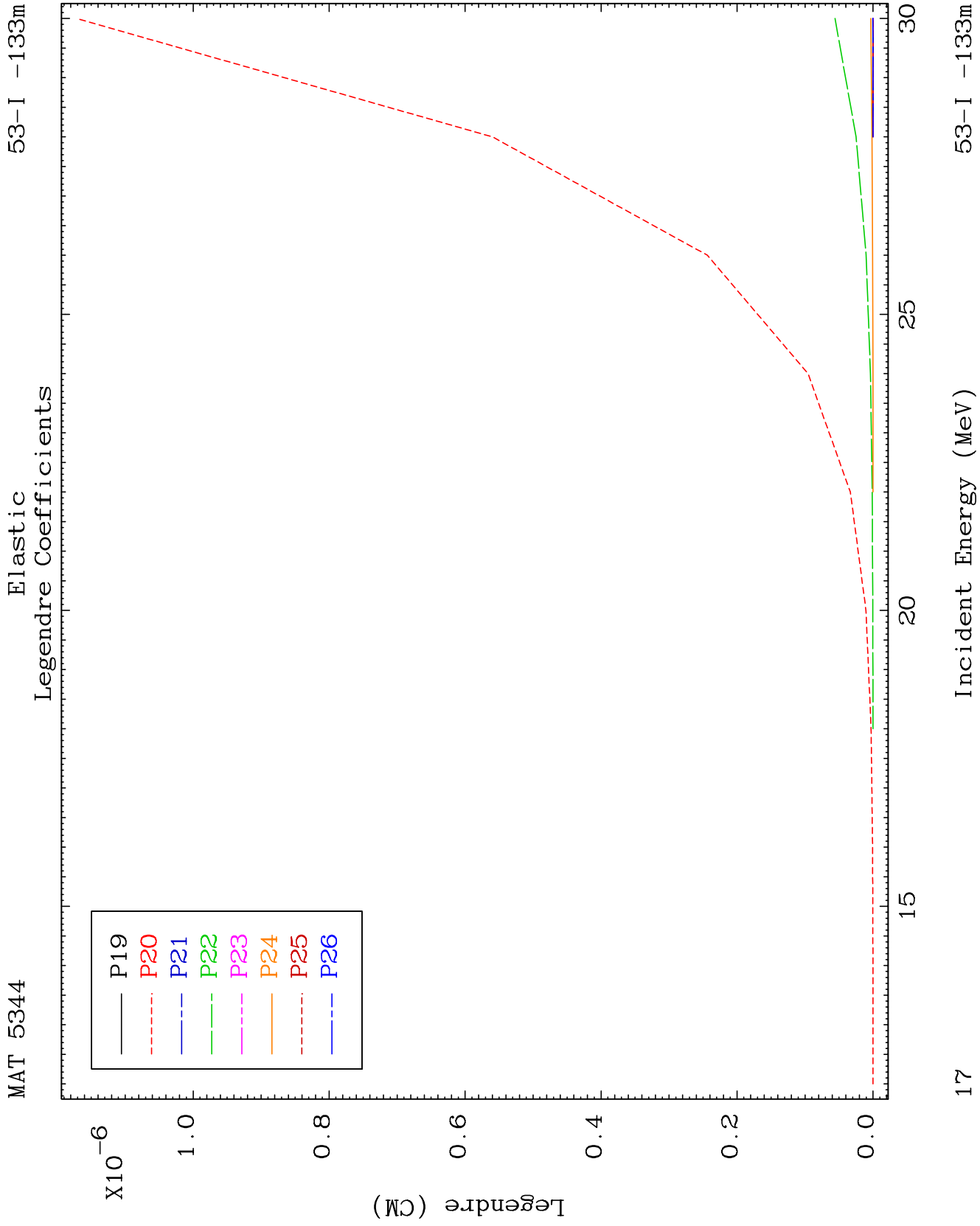
MAT 5344

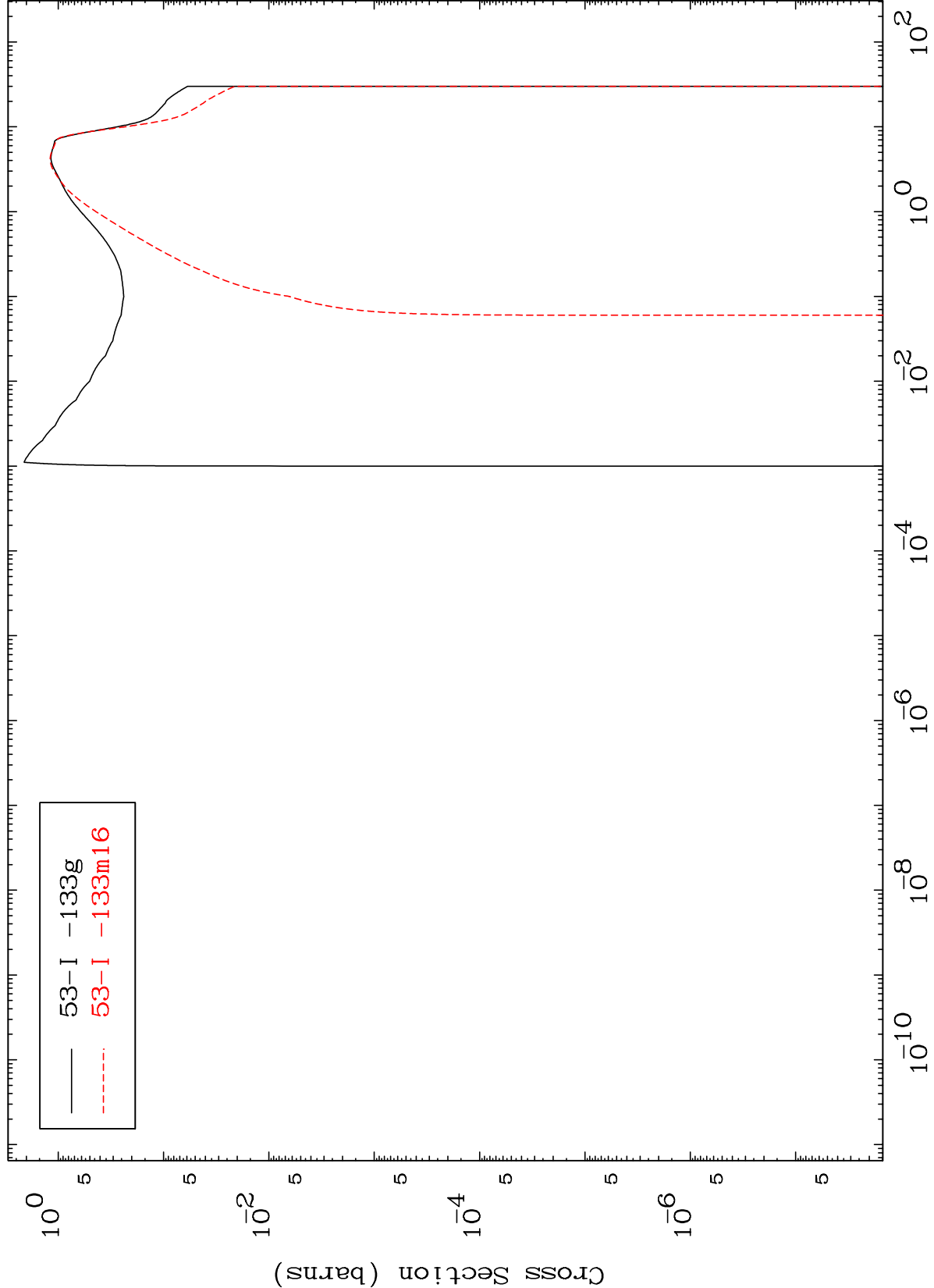
53-I -133m

Elastic Legendre Coefficients





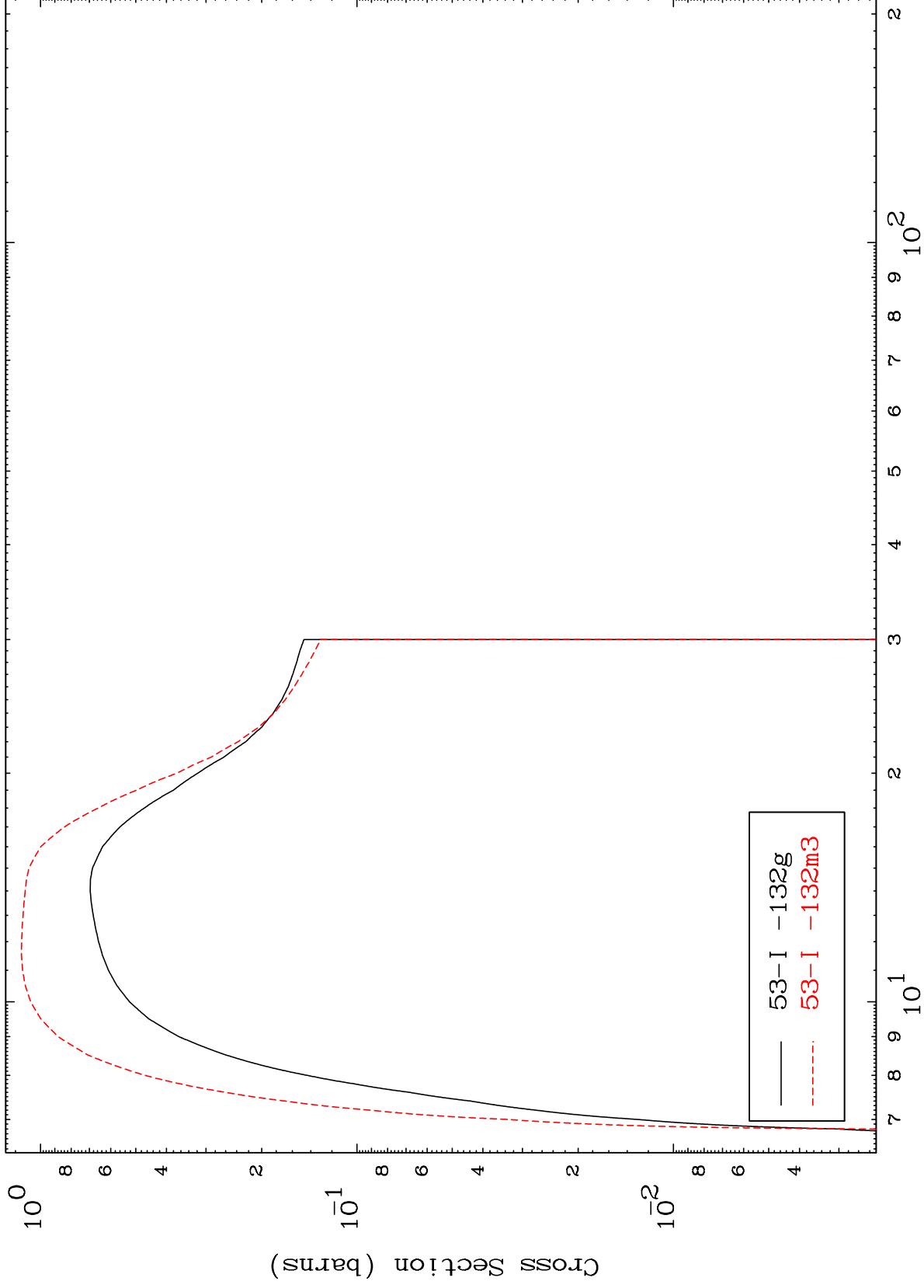




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53-I -133m

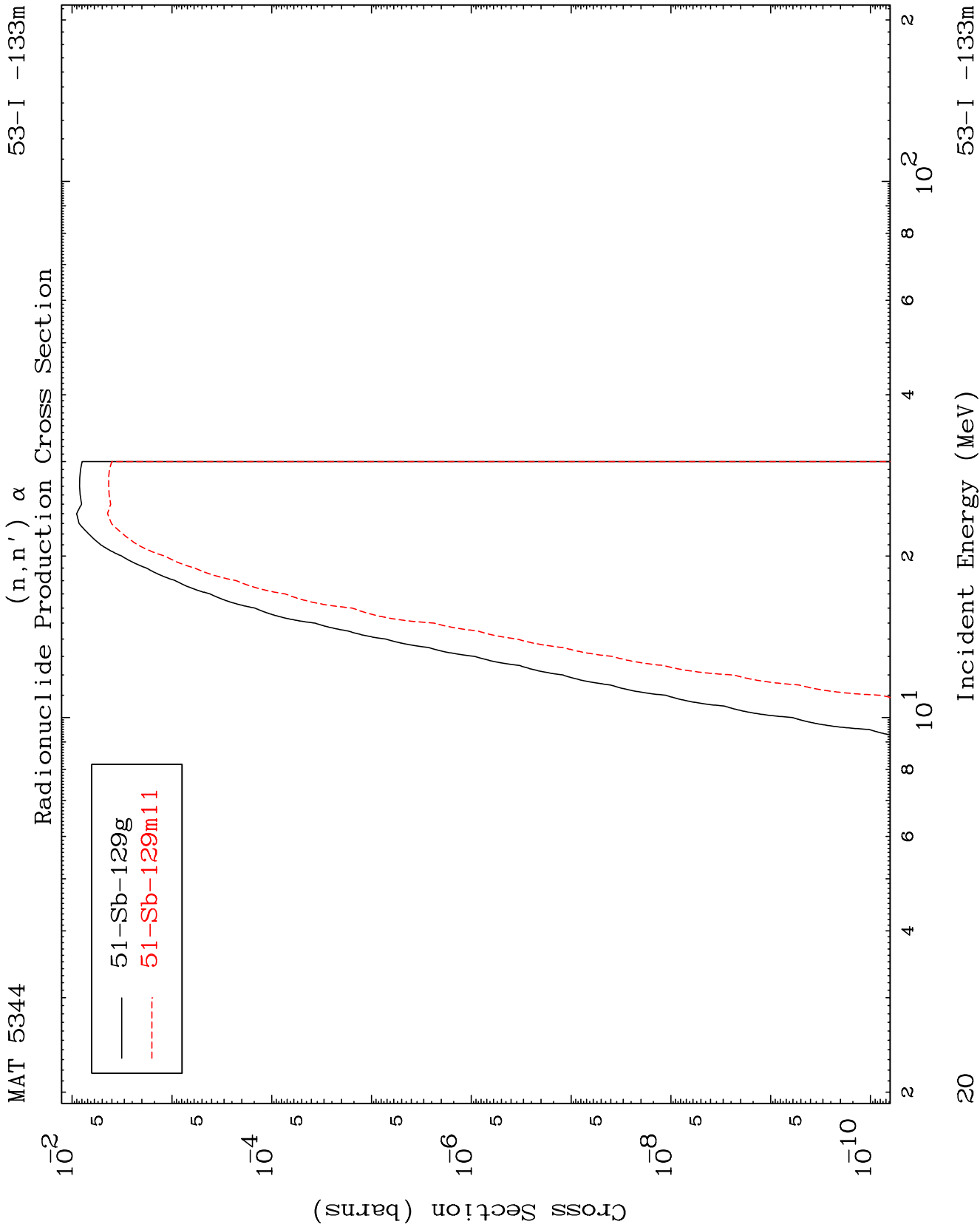
Radionuclide Production Cross Section



19

Incident Energy (MeV)

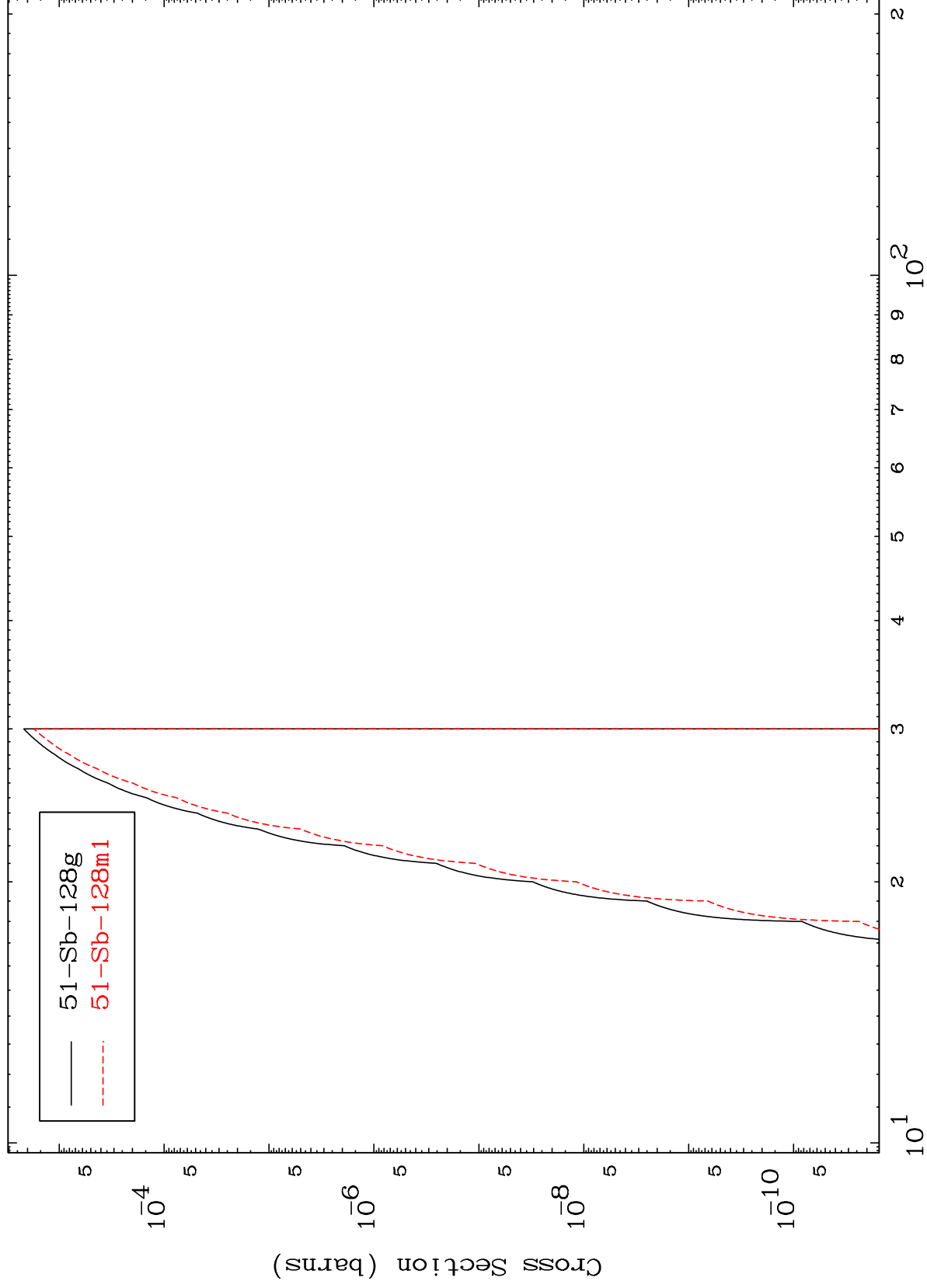
53-I -133m



MAT 5344

53-I -133m

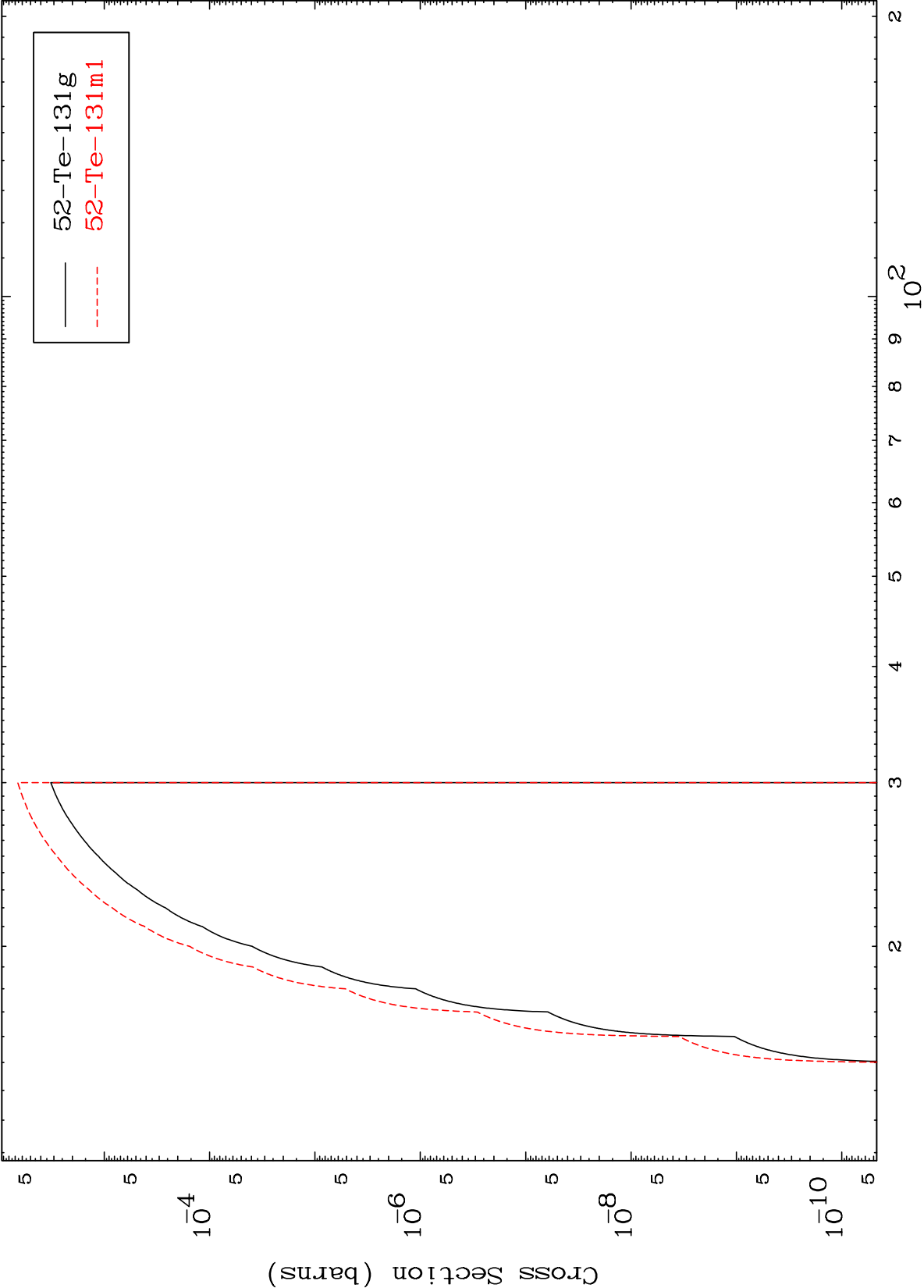
Radionuclide Production Cross Section



53-I -133m

Incident Energy (MeV)

Radionuclide Production Cross Section

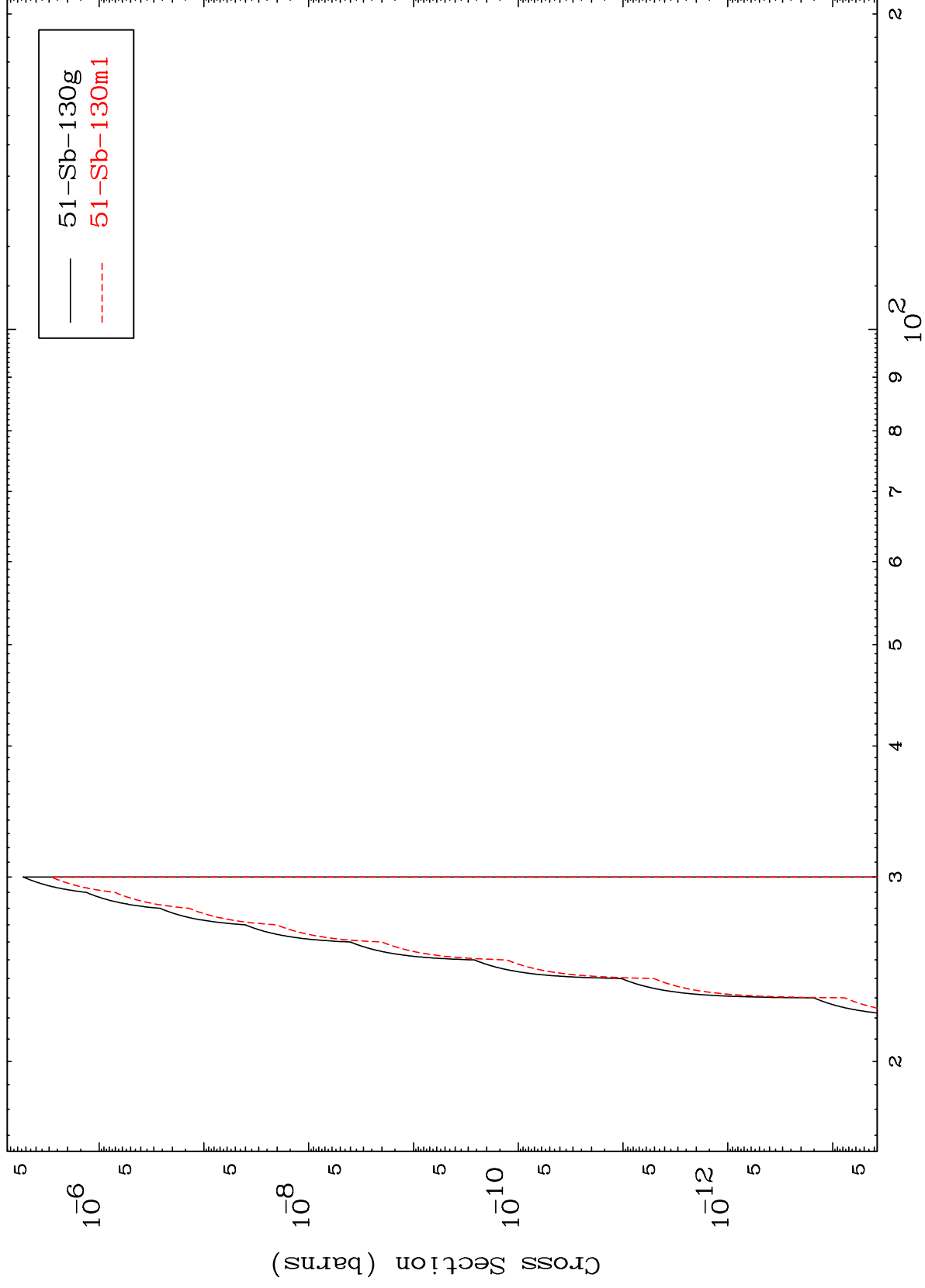


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(n,n') He-3

53-I -133m

Radionuclide Production Cross Section



23

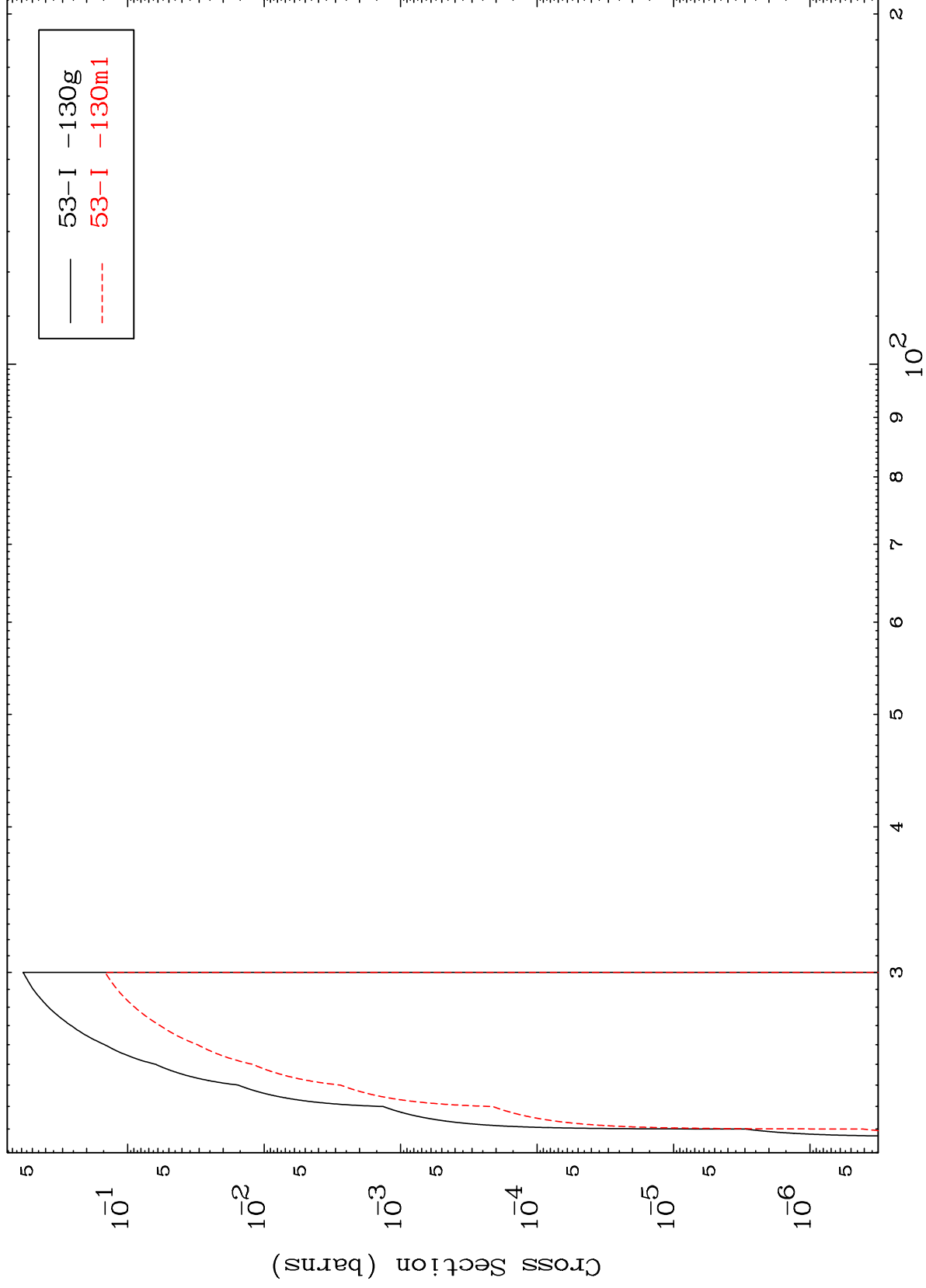
Incident Energy (MeV)

53-I -133m

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53-I -133m

(n,4n)
Radionuclide Production Cross Section



53-I -133m

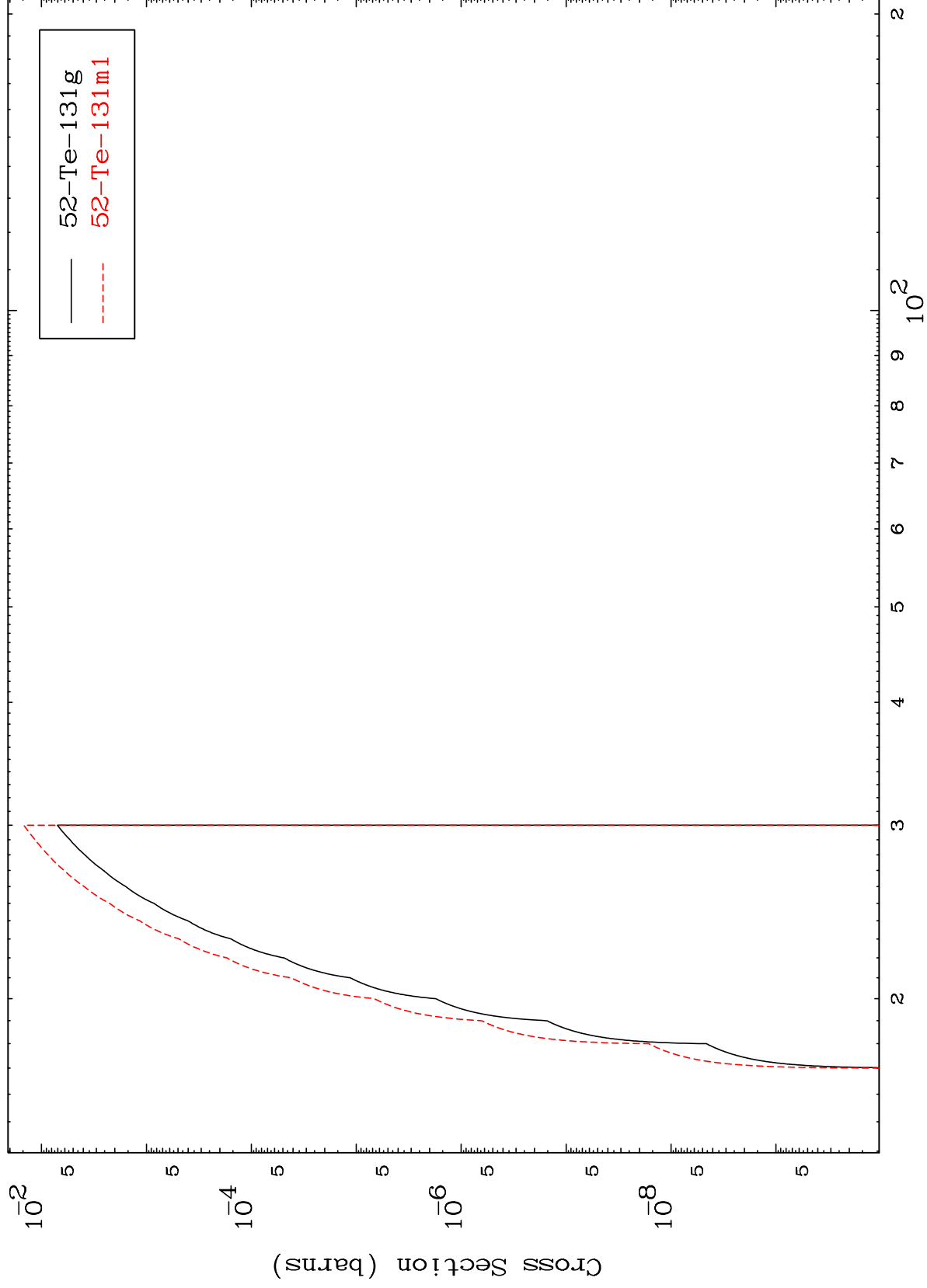
Incident Energy (MeV)

24

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53-I -133m

(n,2n) p
Radionuclide Production Cross Section



25

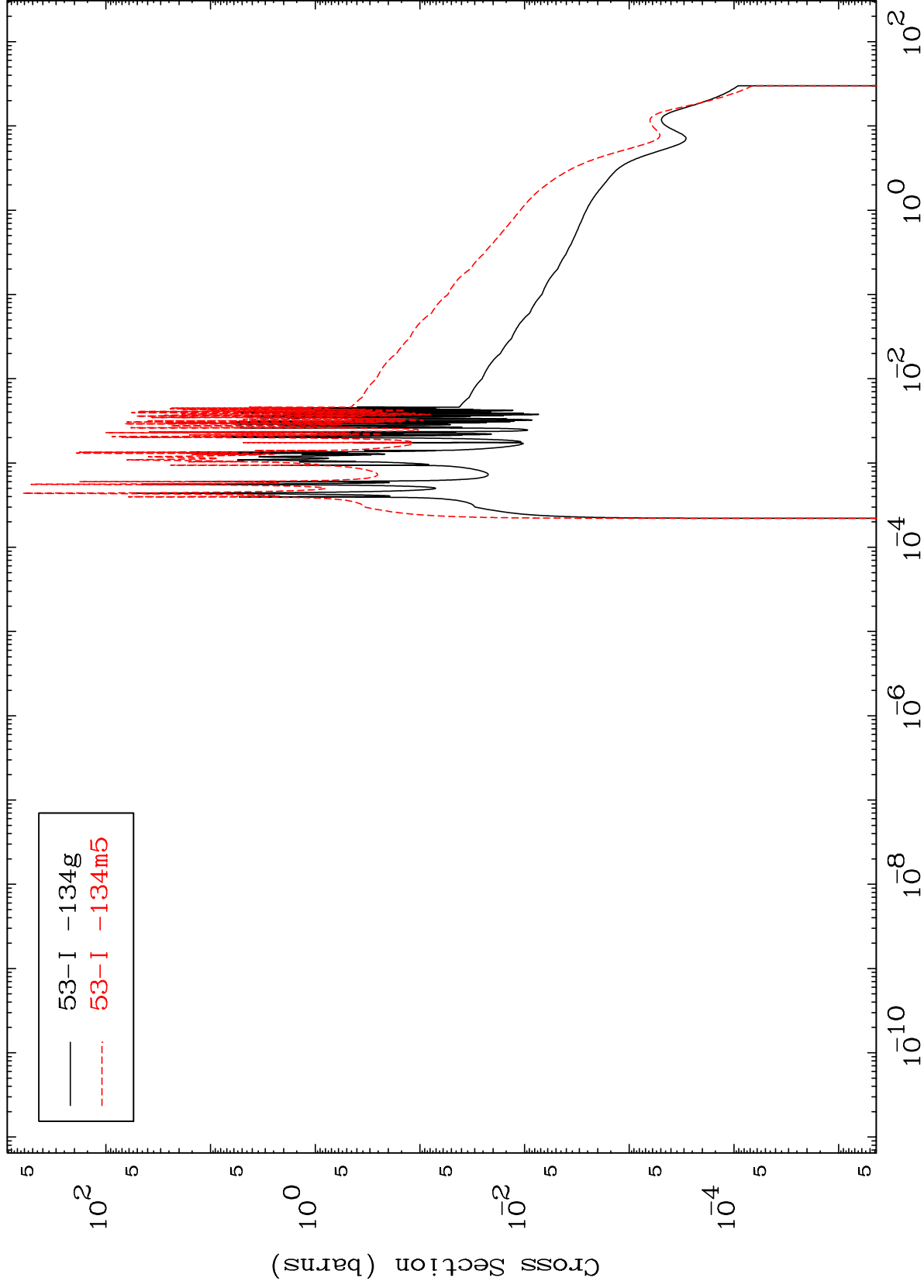
Incident Energy (MeV)

53-I -133m

MAT 5344

53-I -133m

Radionuclide Production Cross Section



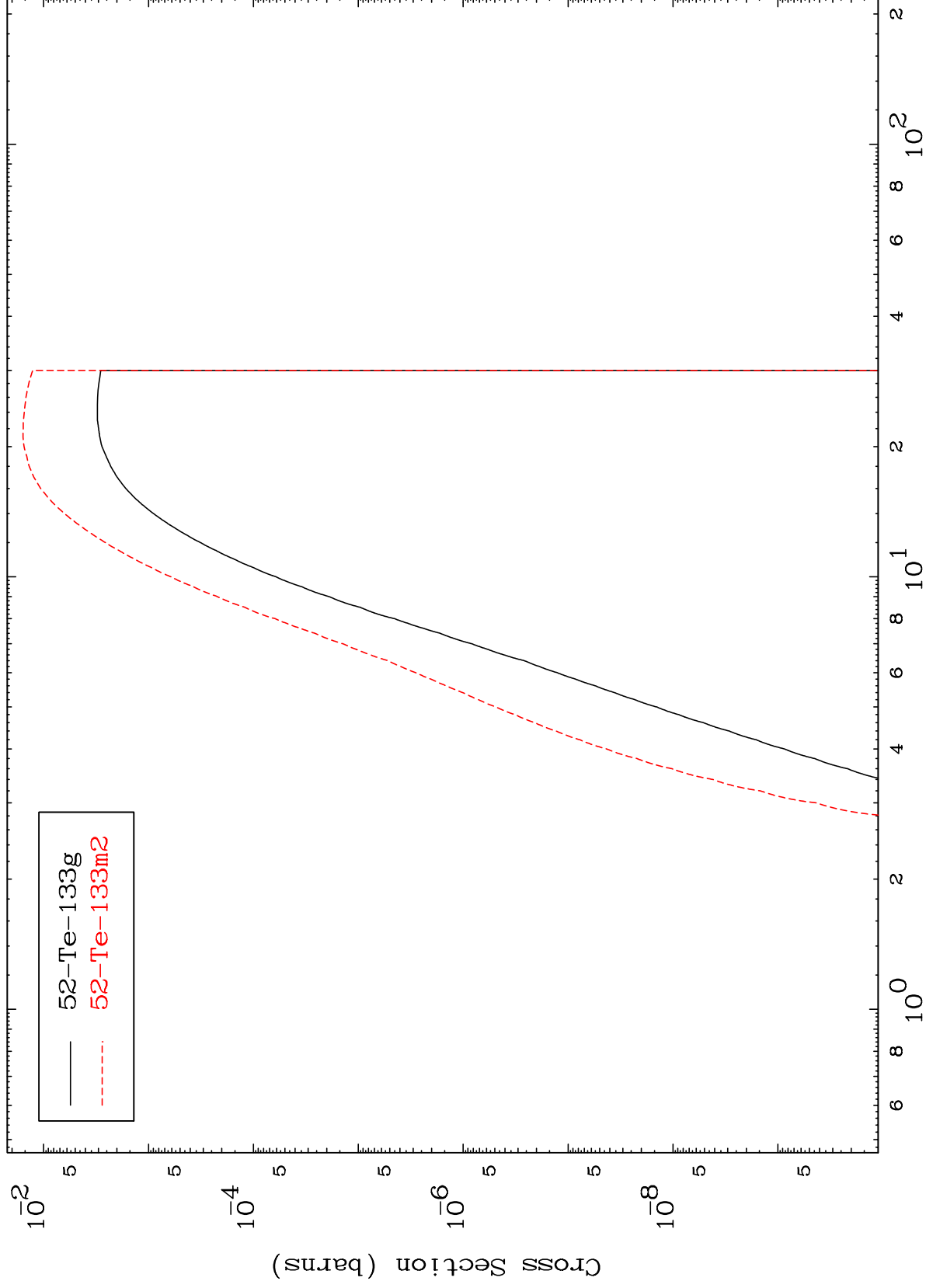
26

53-I -133m

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53-I -133m

Radionuclide Production Cross Section



27

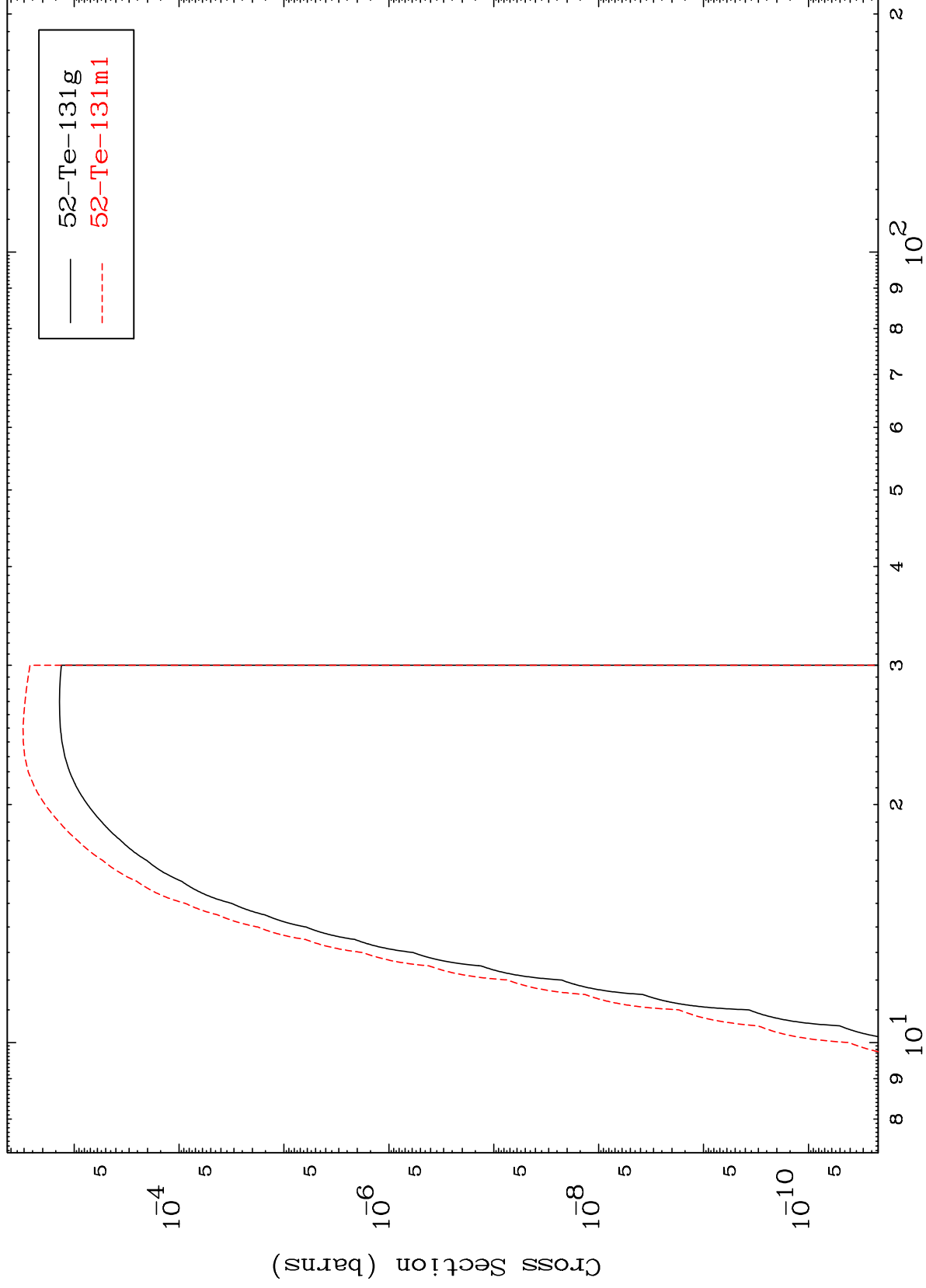
Incident Energy (MeV)

53-I -133m

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53-I -133m

(n,t)
Radionuclide Production Cross Section



28

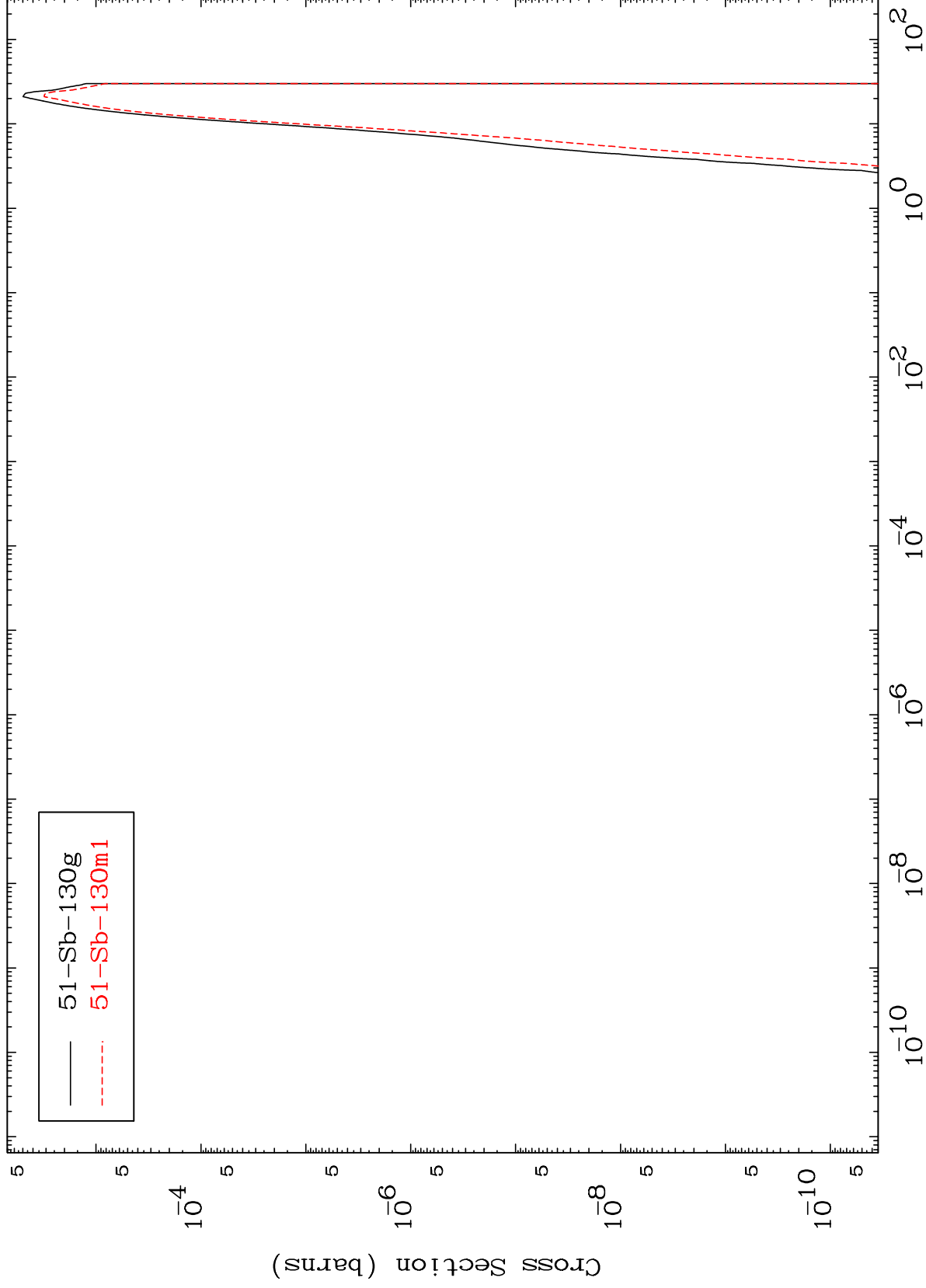
Incident Energy (MeV)

53-I -133m

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53-I -133m

Radionuclide Production Cross Section



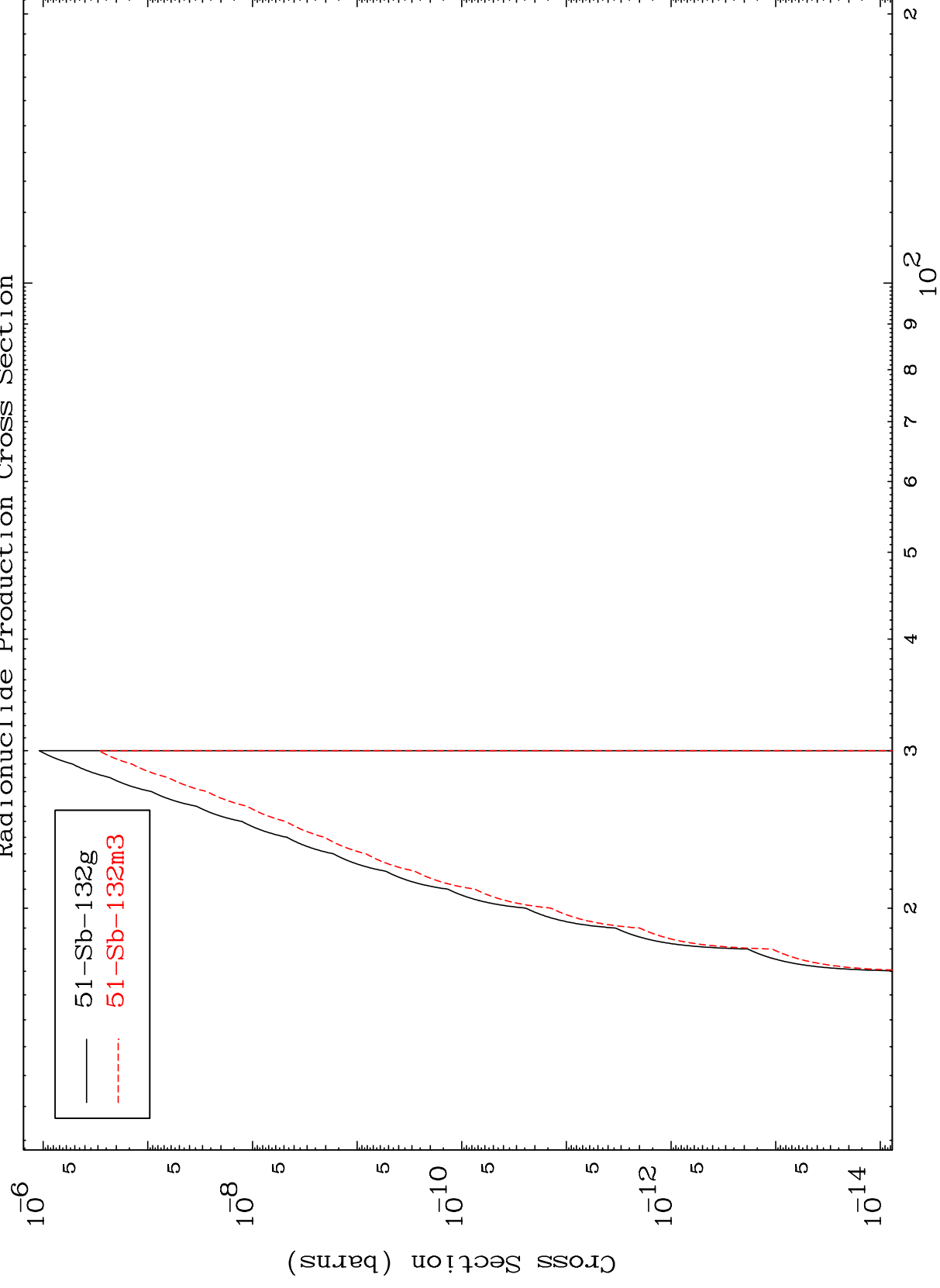
29

53-I -133m

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 $(n, 2p)$

53-I -133m

Radionuclide Production Cross Section (σ_{F}) 

30

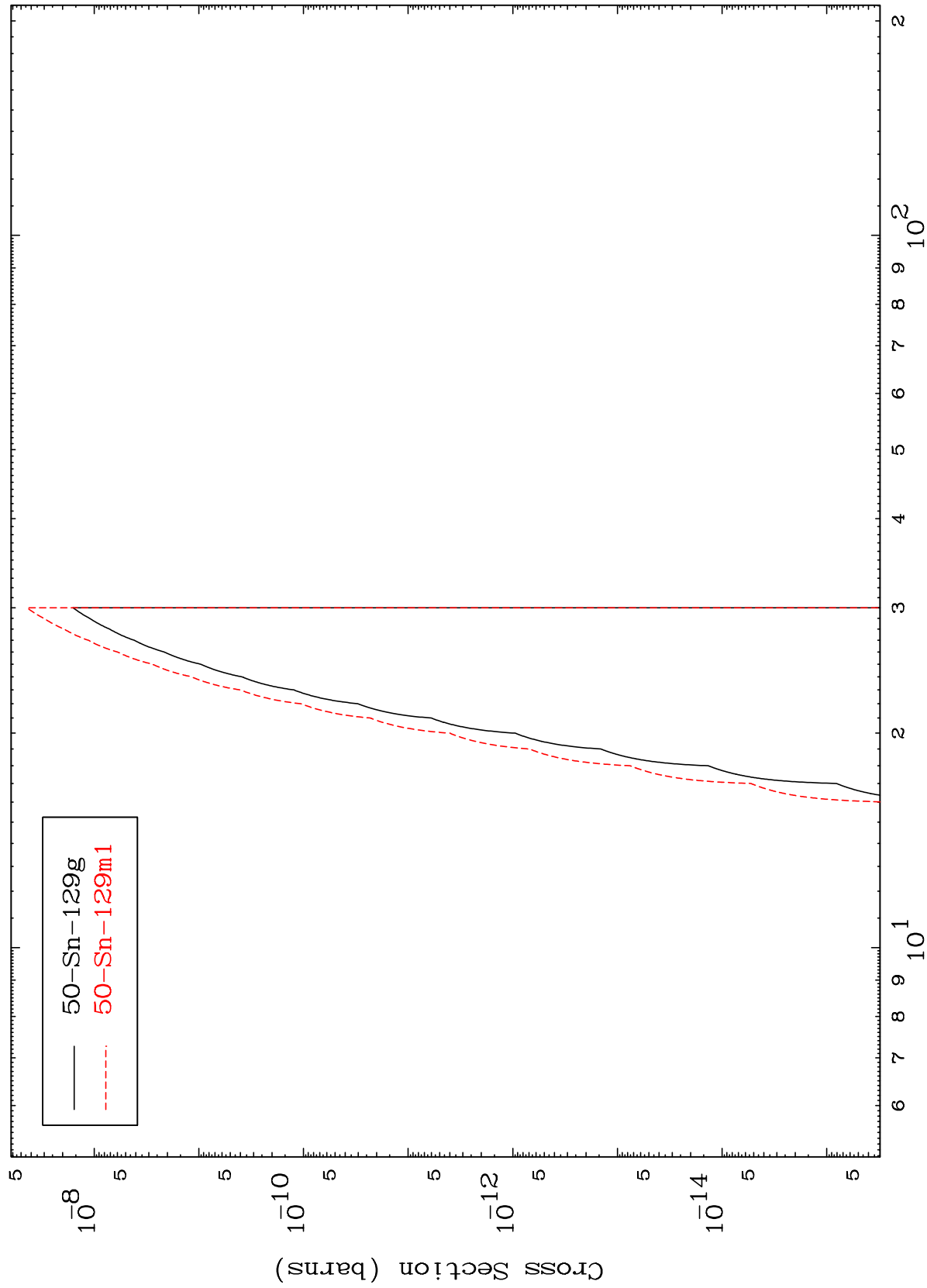
Incident Energy (MeV)

53-I -133m

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53-I -133m

(n,p) α
Radionuclide Production Cross Section



31

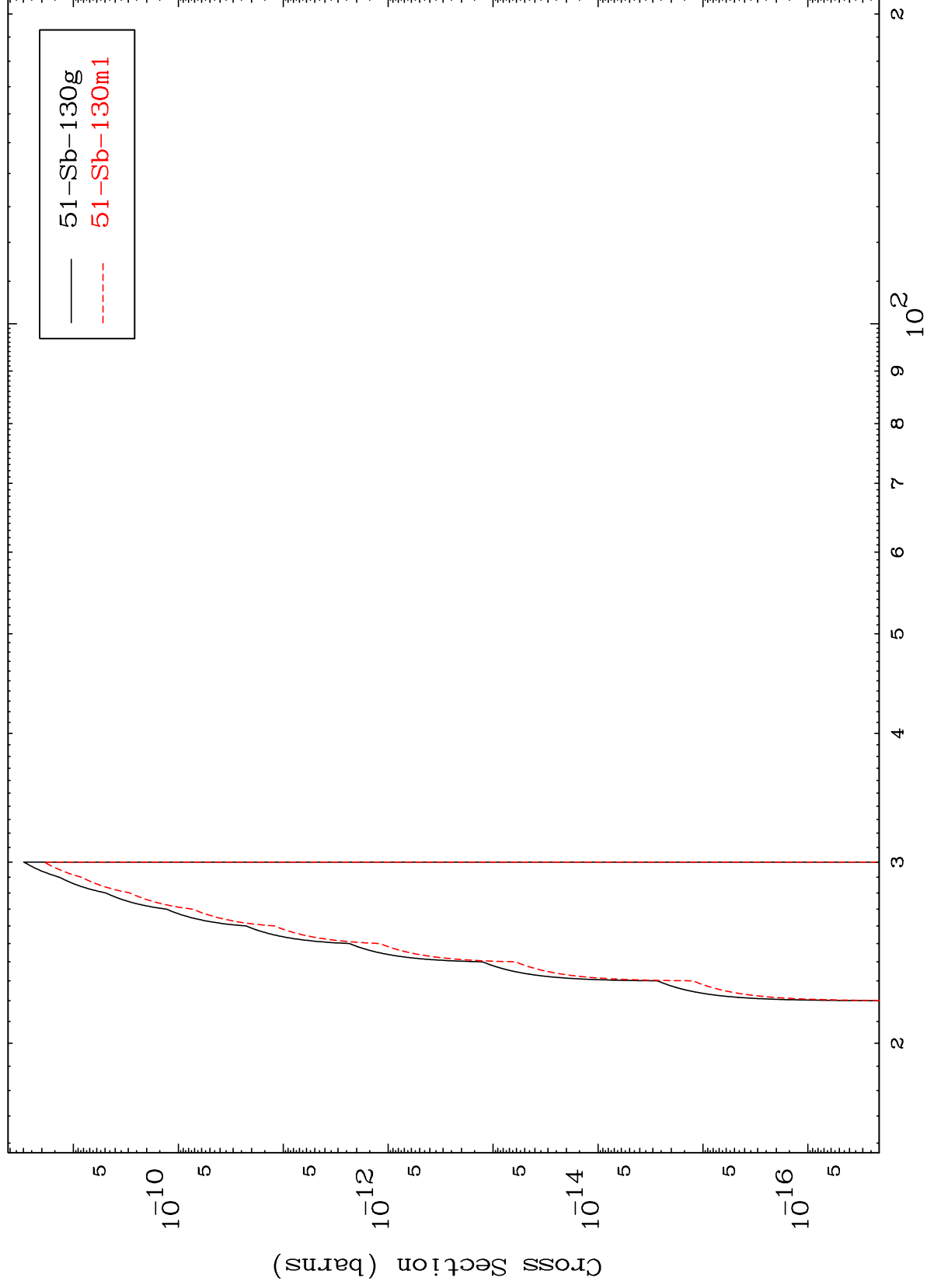
Incident Energy (MeV)

53-I -133m

MAT 5344

53-I -133m

(n,p) t
Radionuclide Production Cross Section



32

Incident Energy (MeV)

53-I -133m