

Program EVALPLOT
(Version 2021-1)

by

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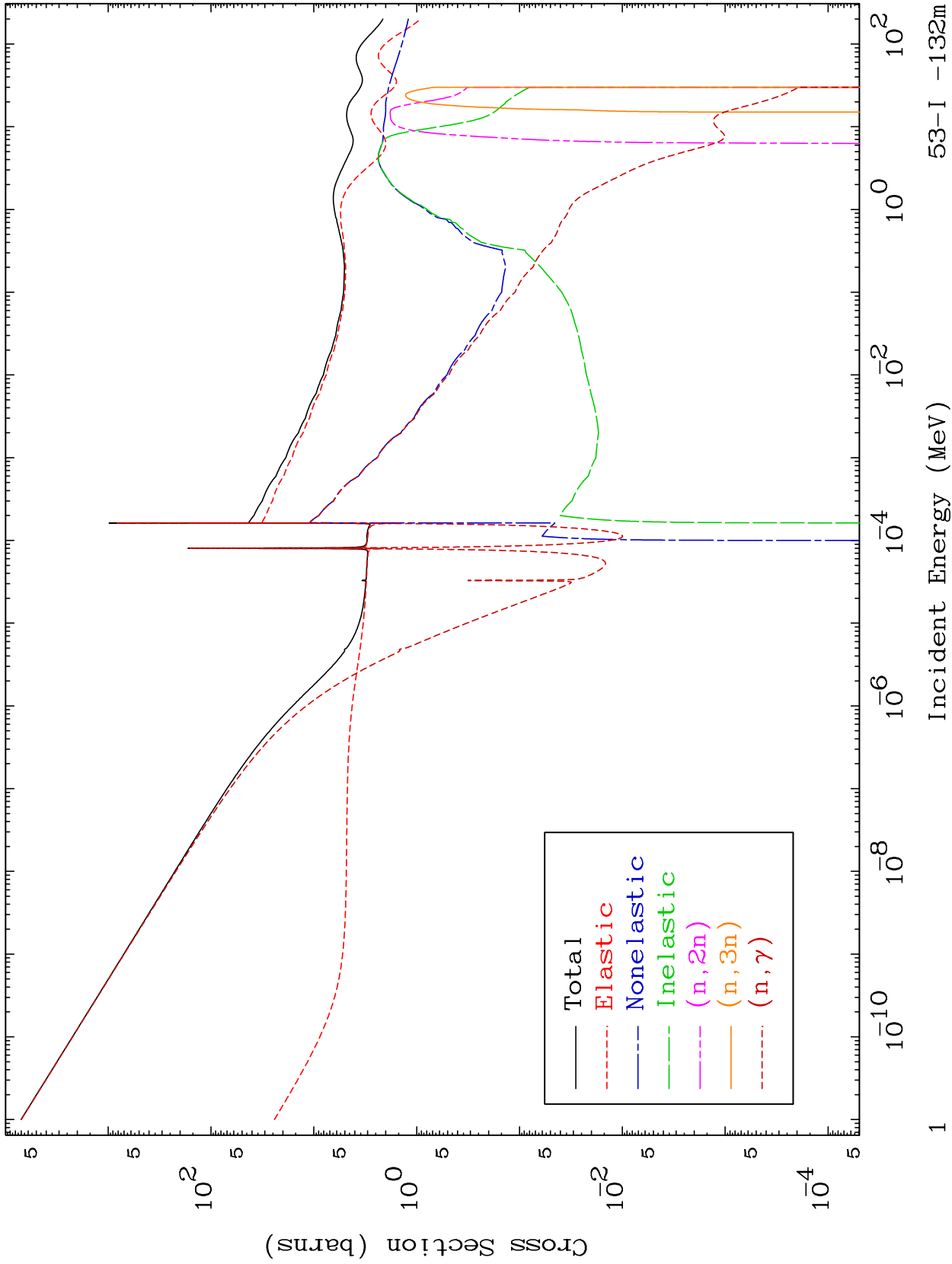
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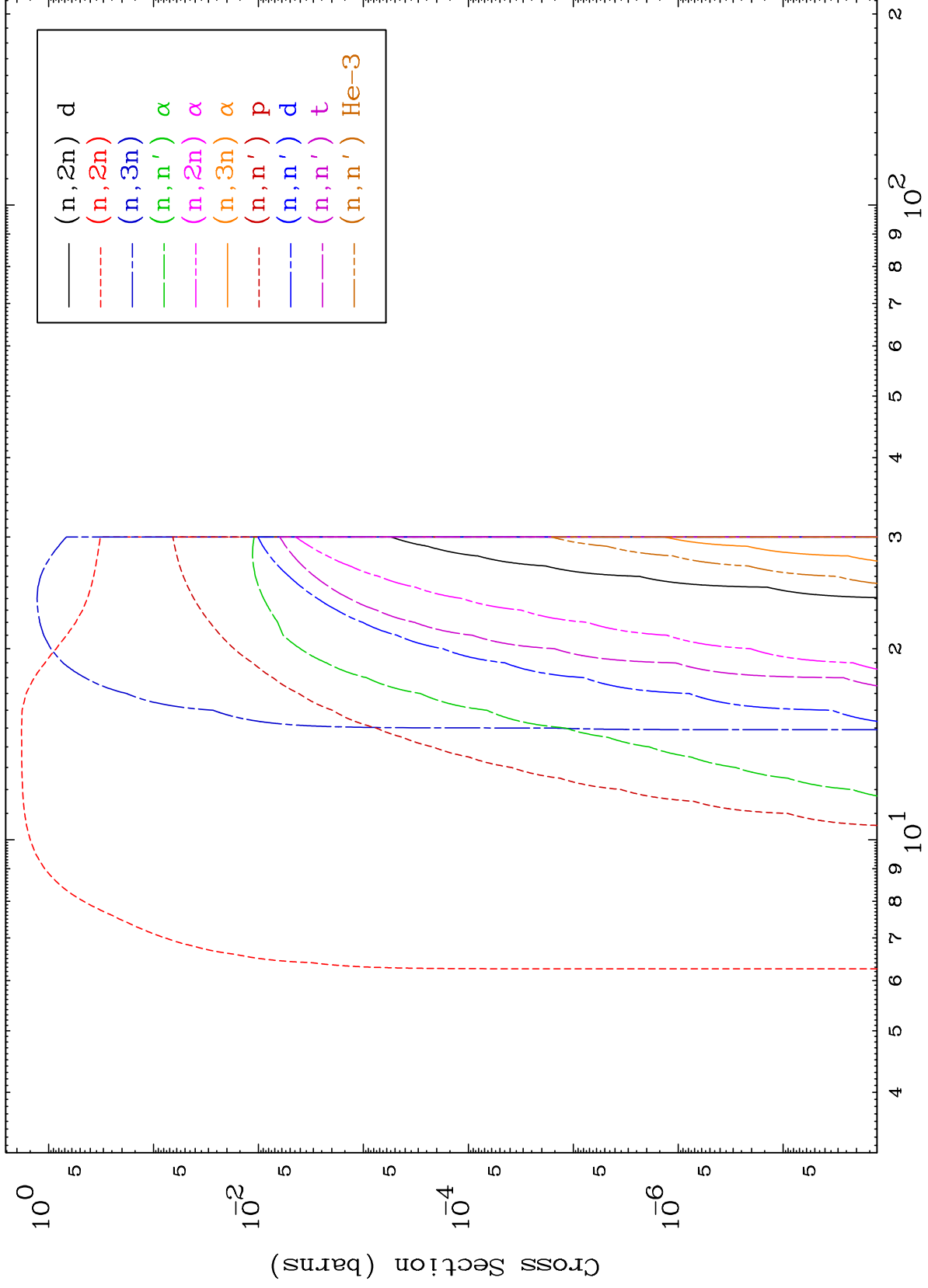
Press Mouse Button to Start

MAT 5341

Neutron Major
293 Kelvin Cross Sections

53-I -132m

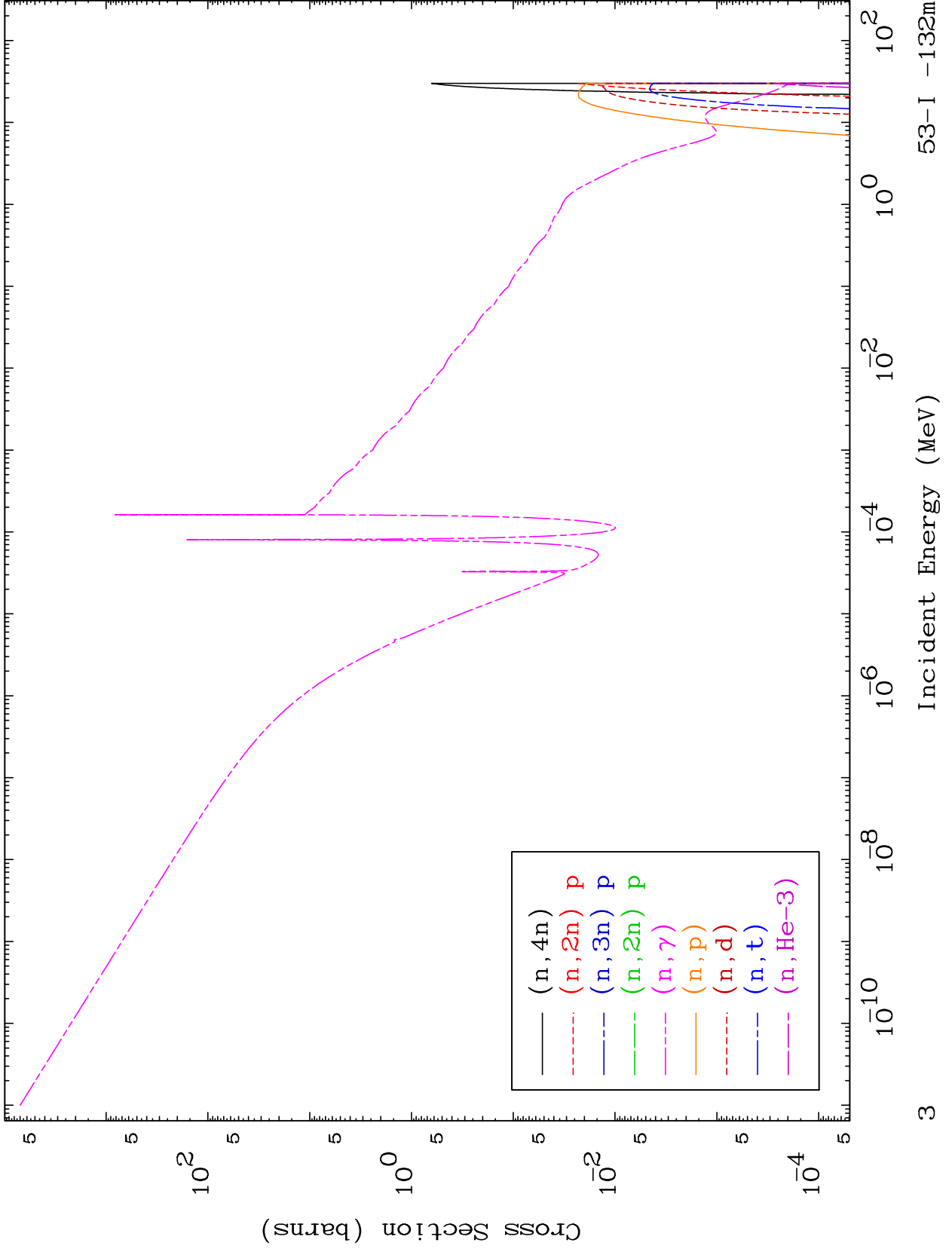


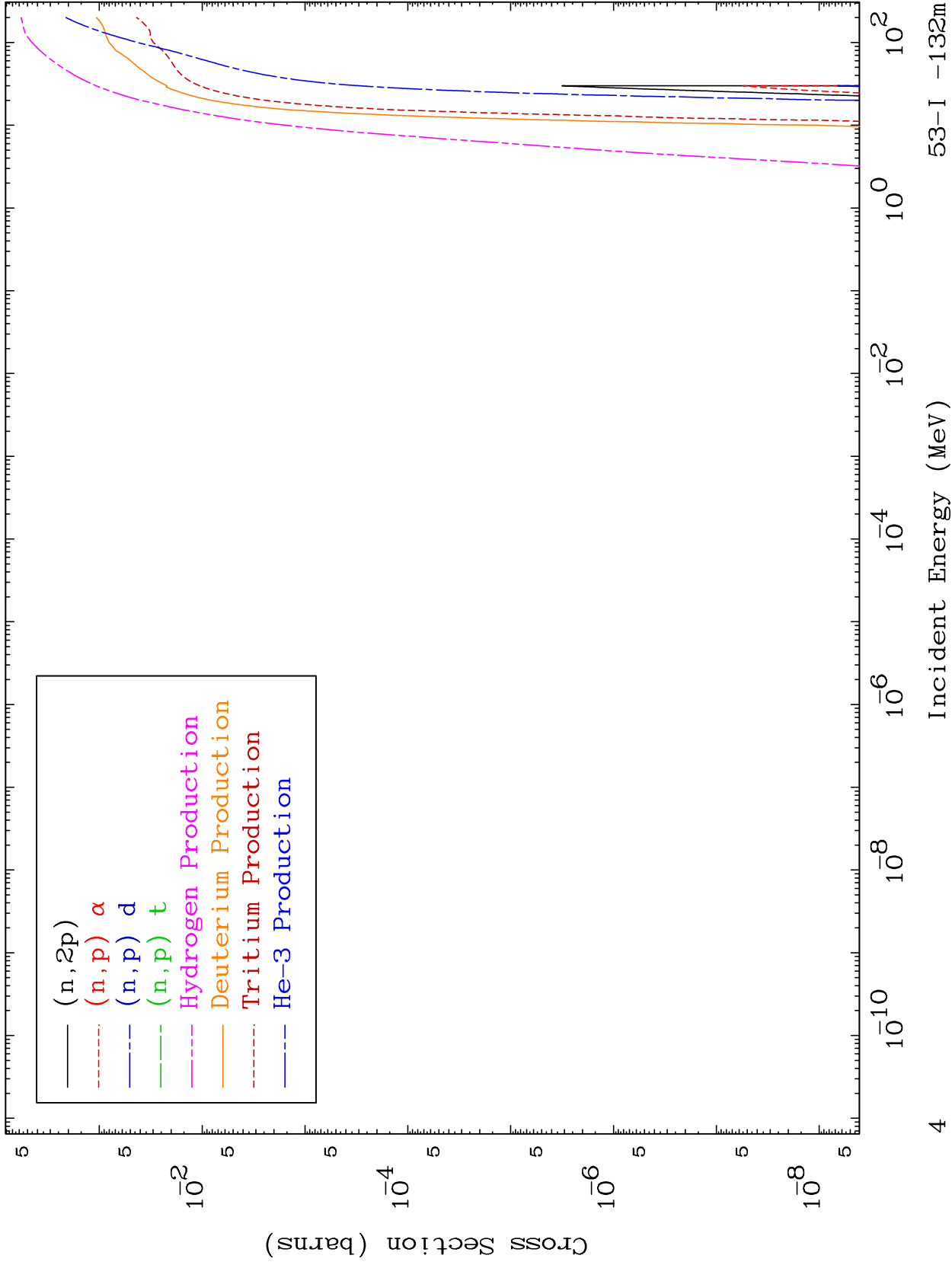


MAT 5341

Neutron Absorption
293 Kelvin Cross Sections

53-I -132m

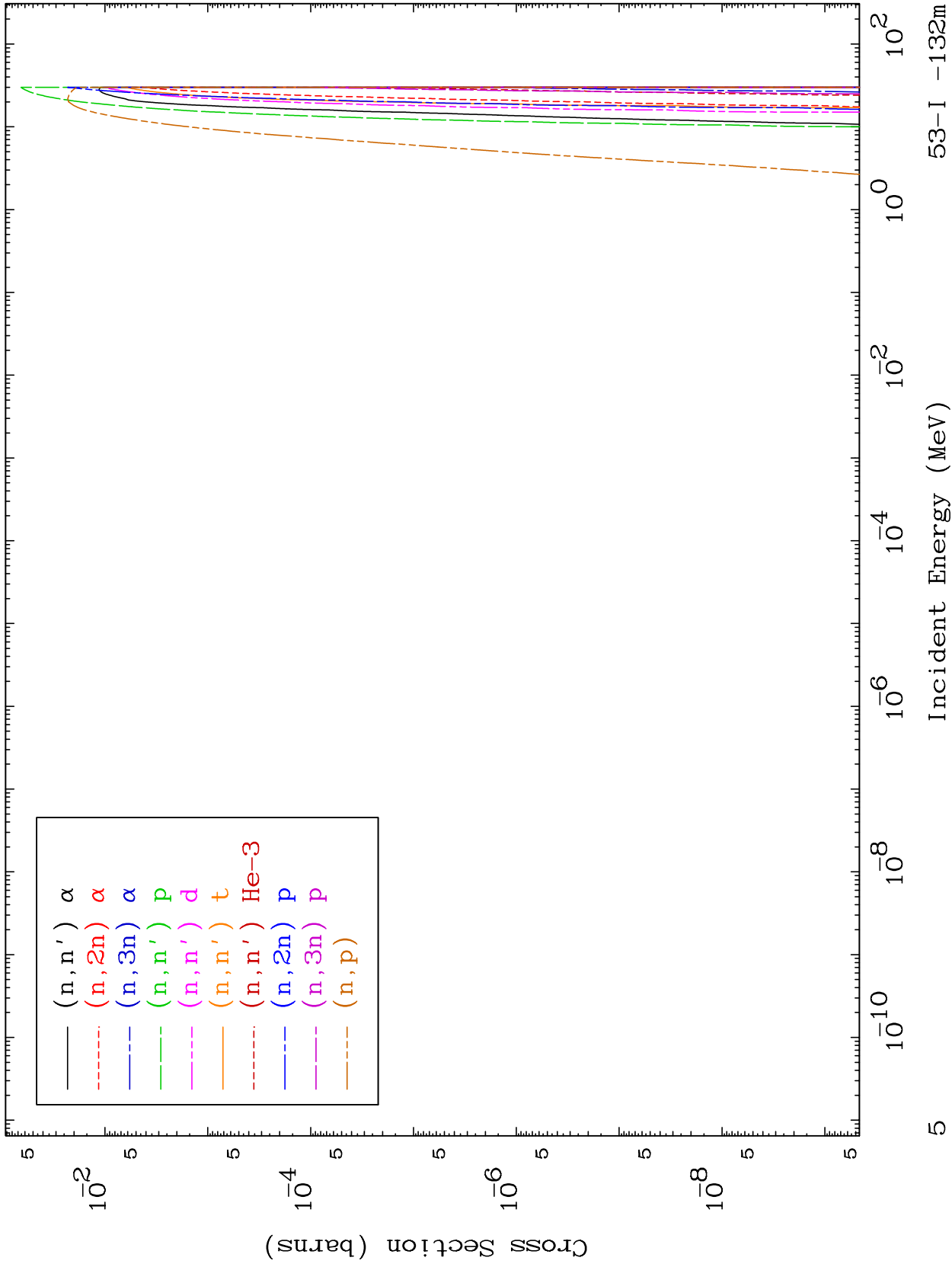




MAT 5341

Charged Particle
293 Kelvin Cross Sections

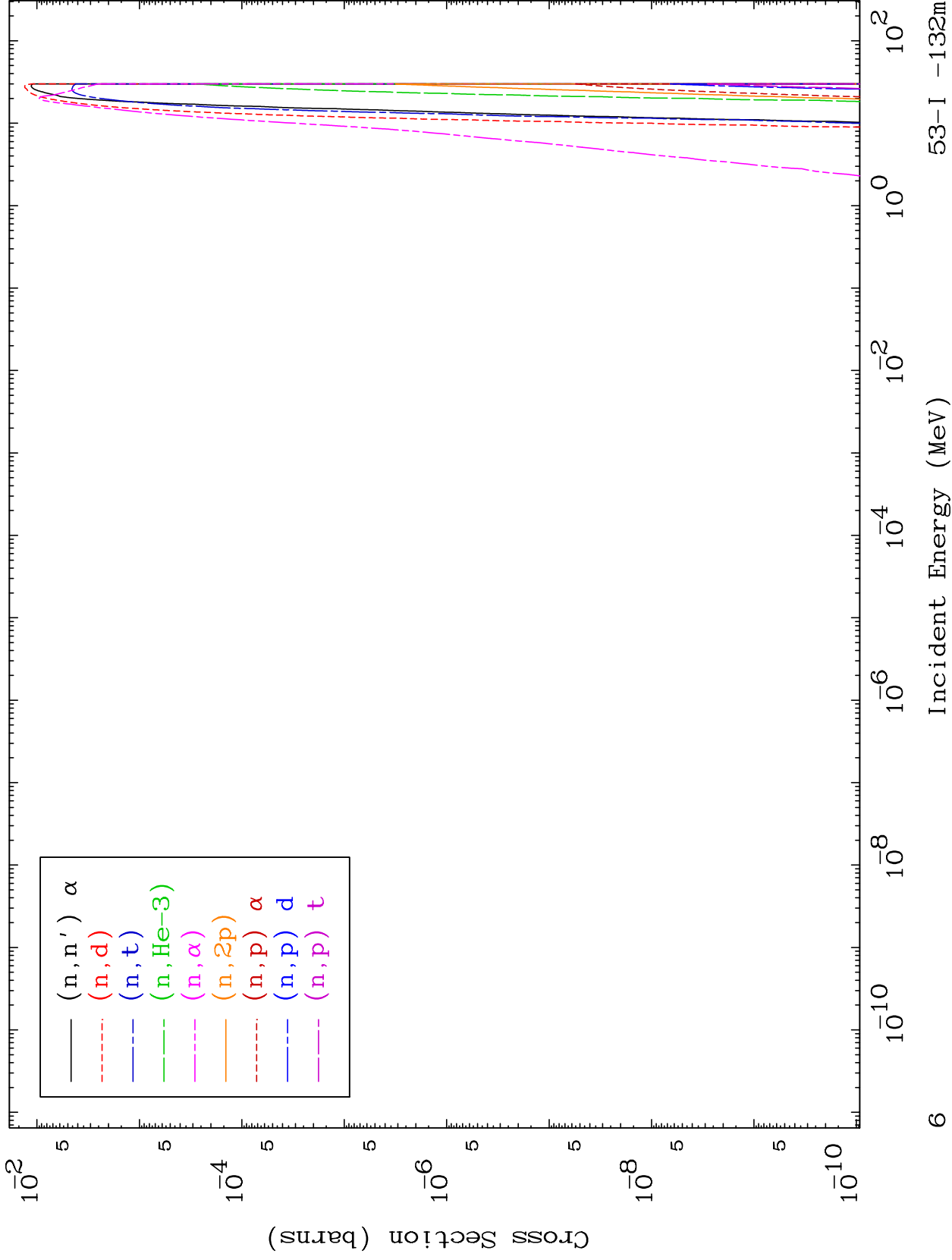
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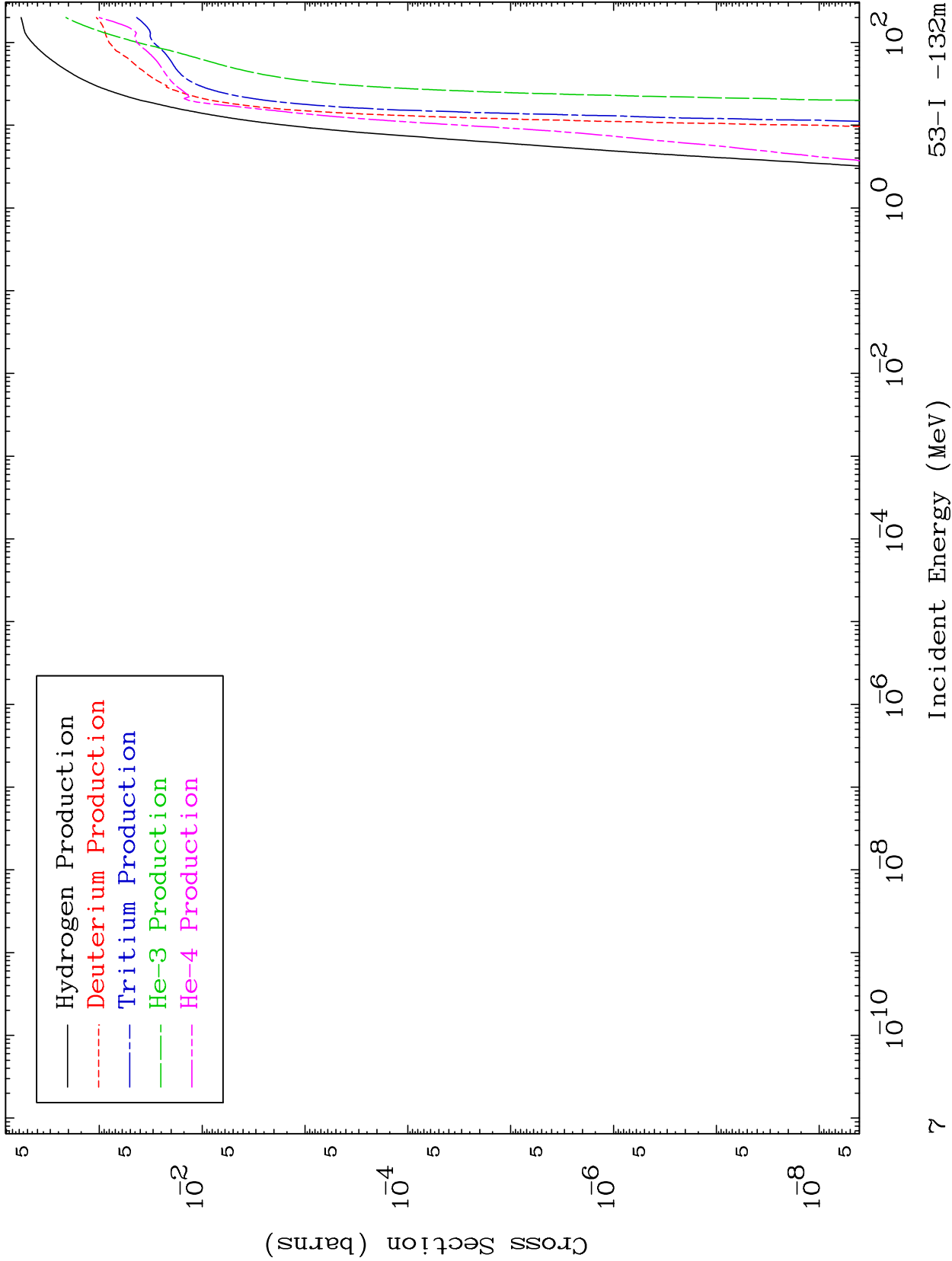


MAT 5341

Charged Particle
293 Kelvin Cross Sections

53-I -132m

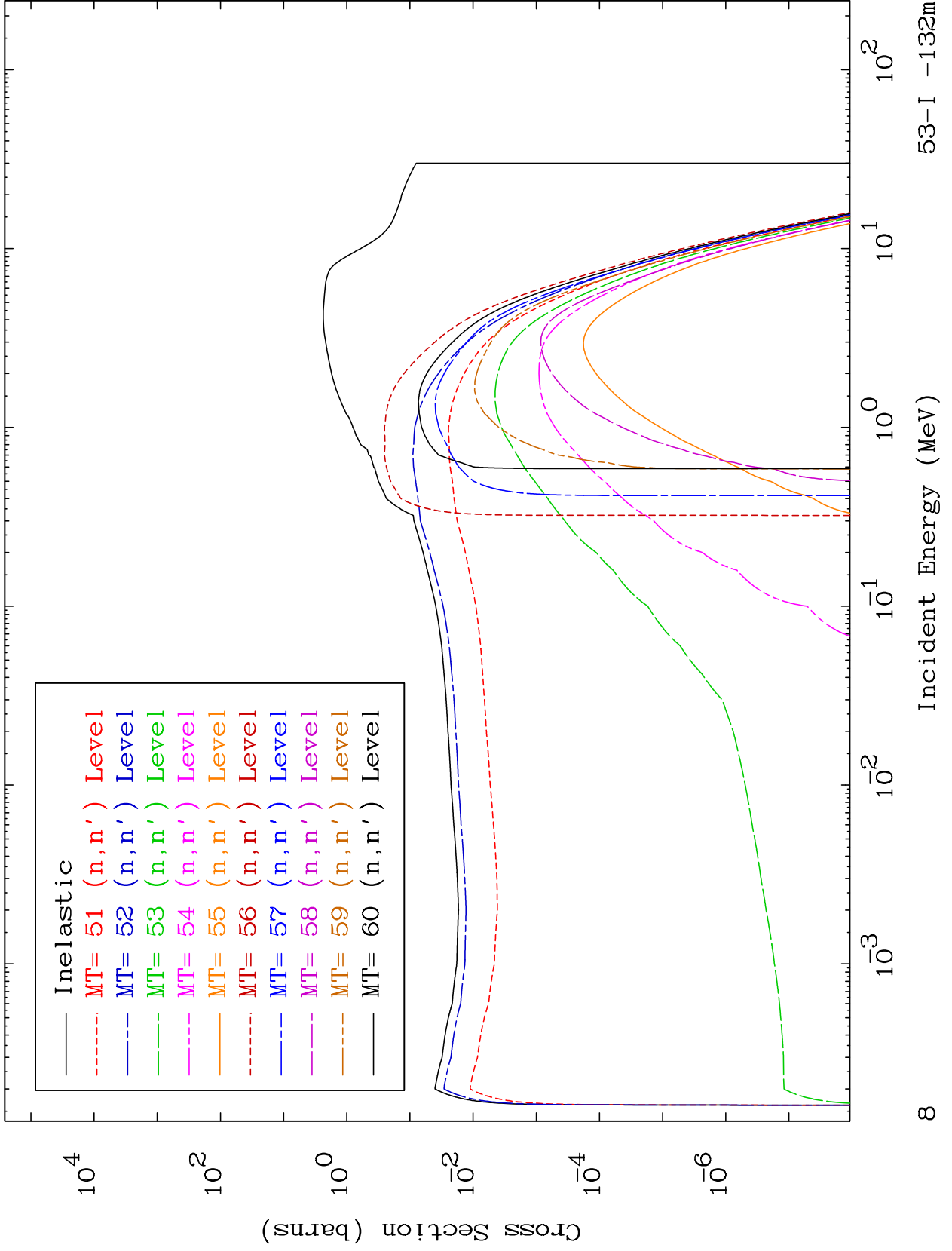




MAT 5341

(n,n') Levels
293 Kelvin Cross Sections

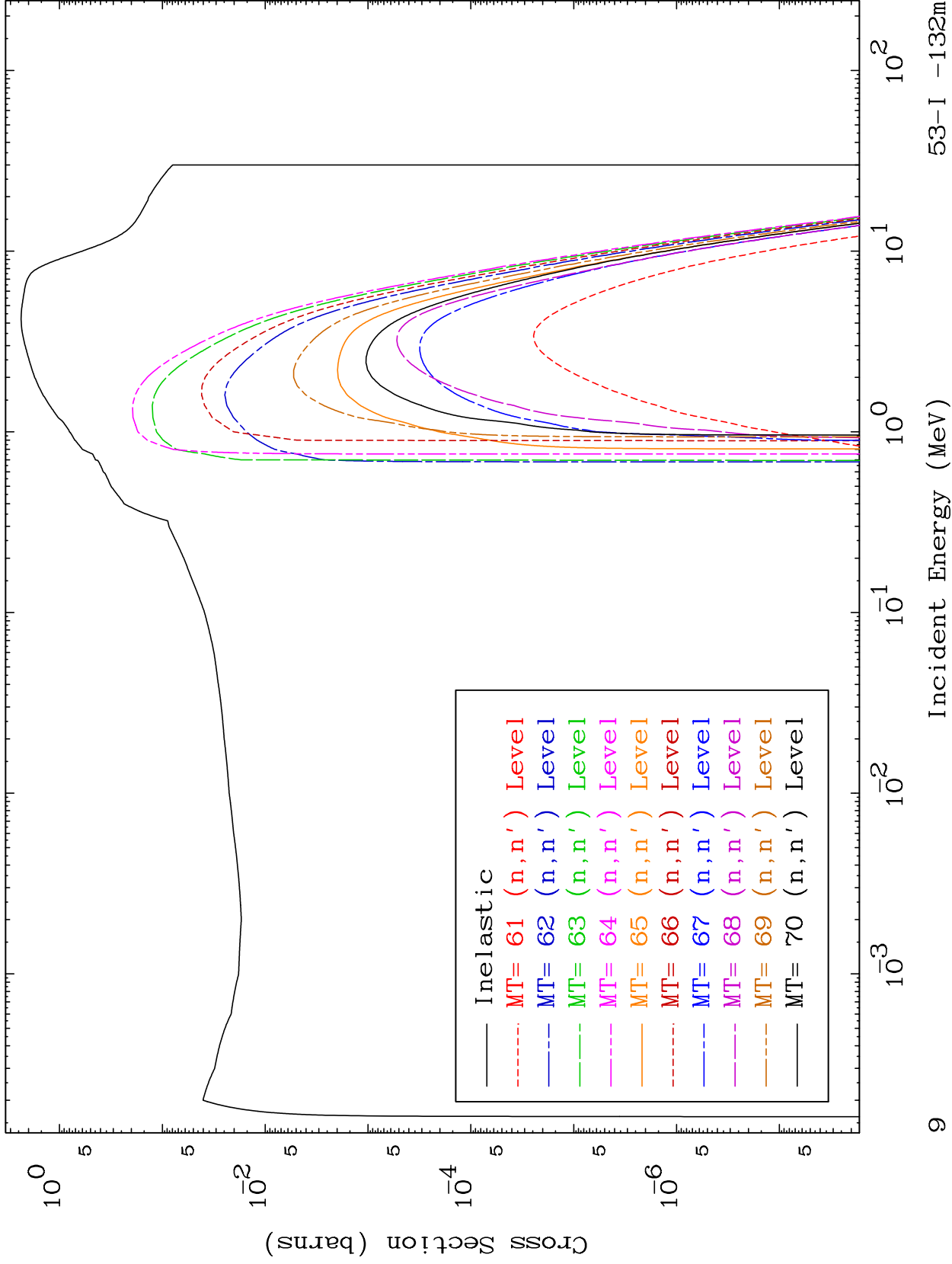
53-I -132m



MAT 5341

(n,n') Levels
293 Kelvin Cross Sections

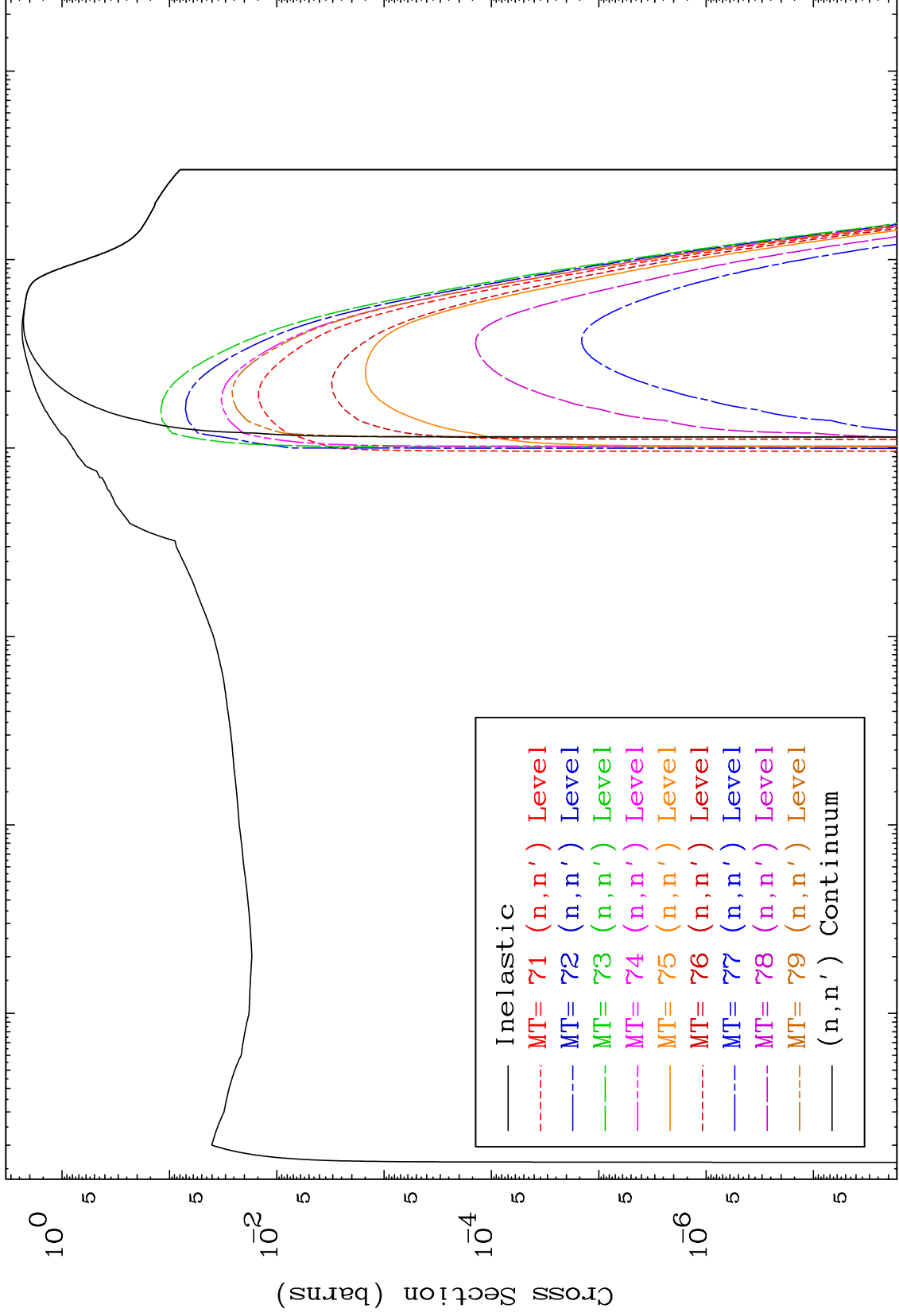
53-I -132m



MAT 5341

(n,n') Levels
293 Kelvin Cross Sections

53-I -132m



10

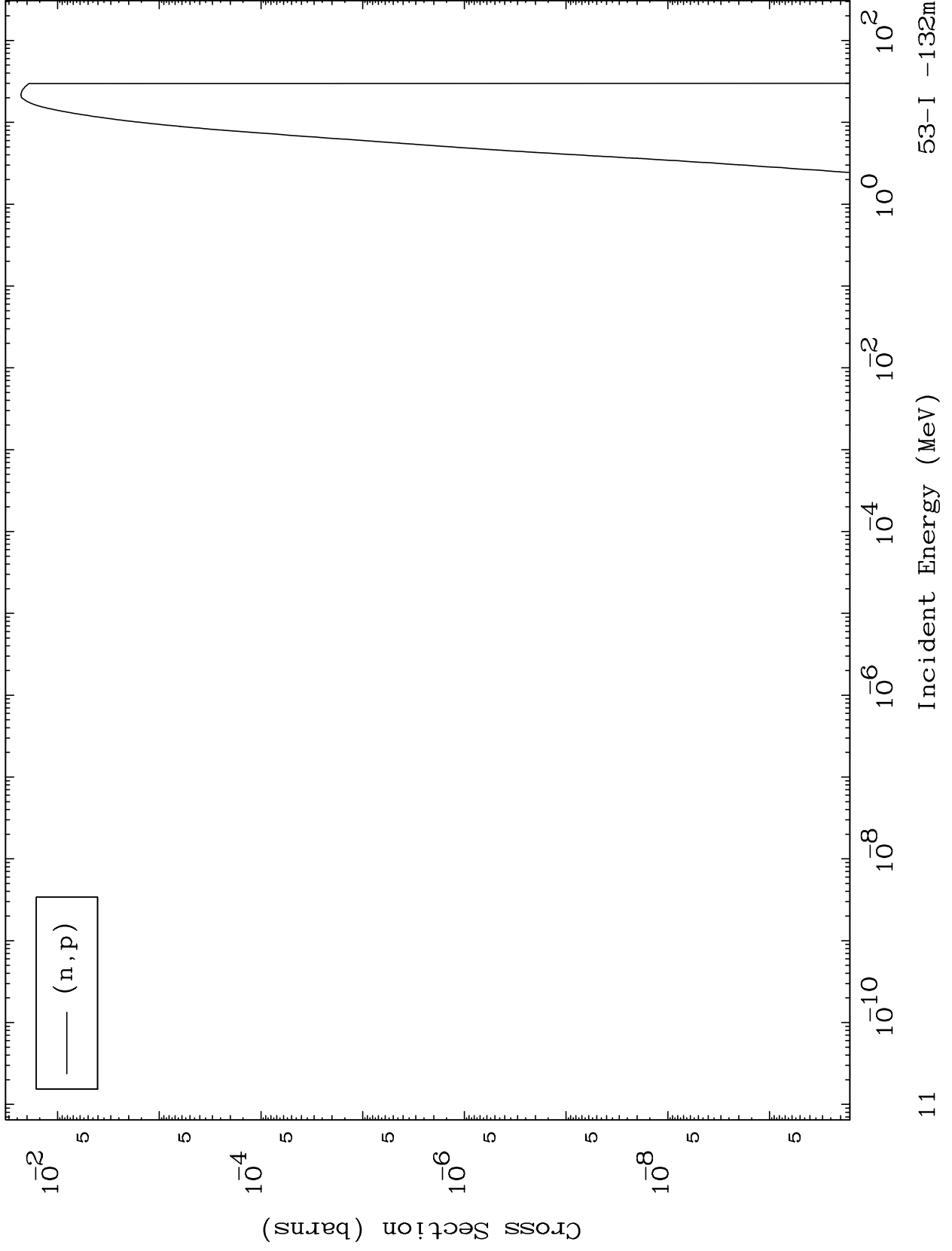
Incident Energy (MeV)

53-I -132m

MAT 5341

(n,p) Levels
293 Kelvin Cross Sections

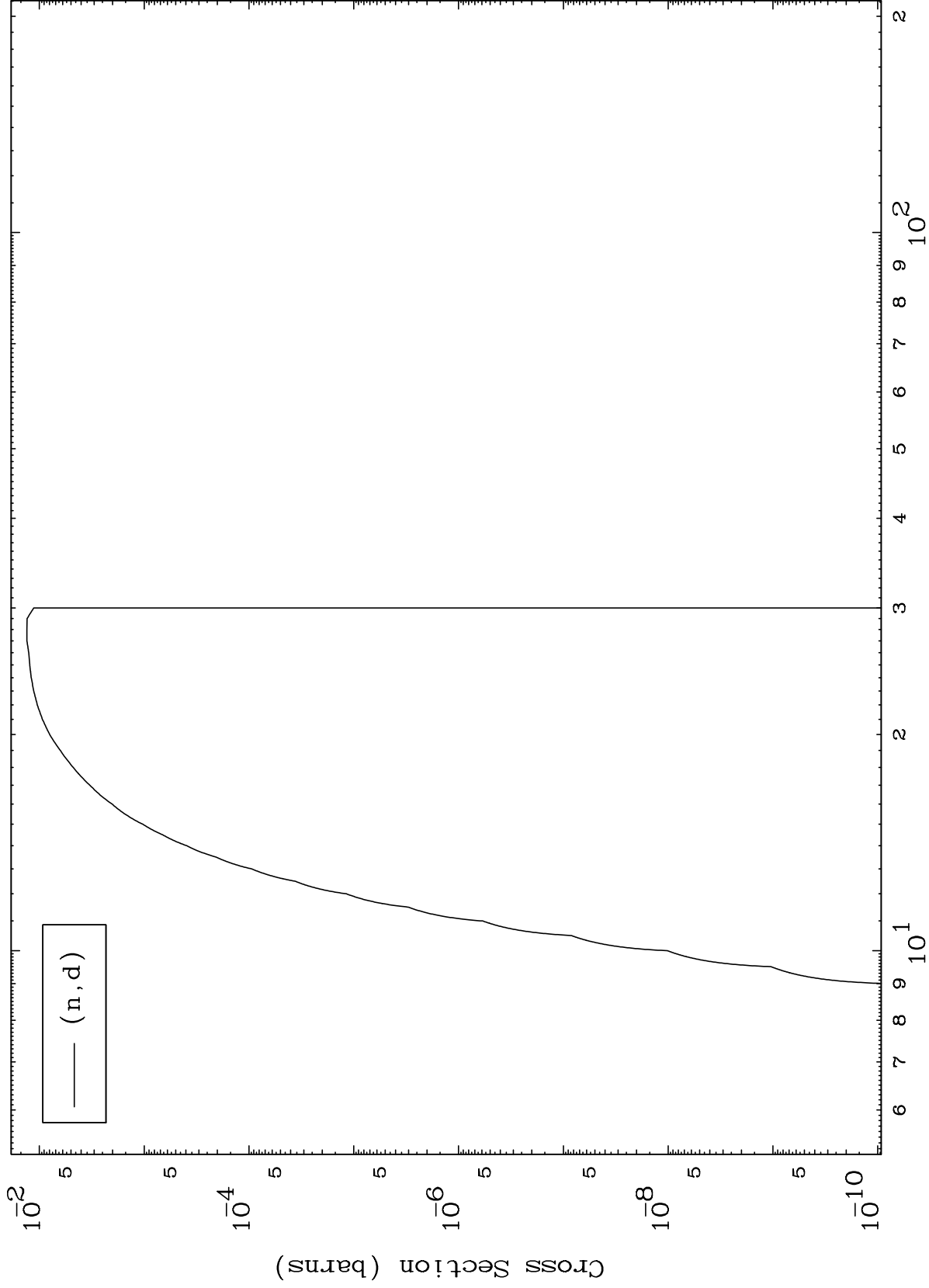
53-I -132m



MAT 5341

(n,d) Levels
293 Kelvin Cross Sections

53-I -132m



12

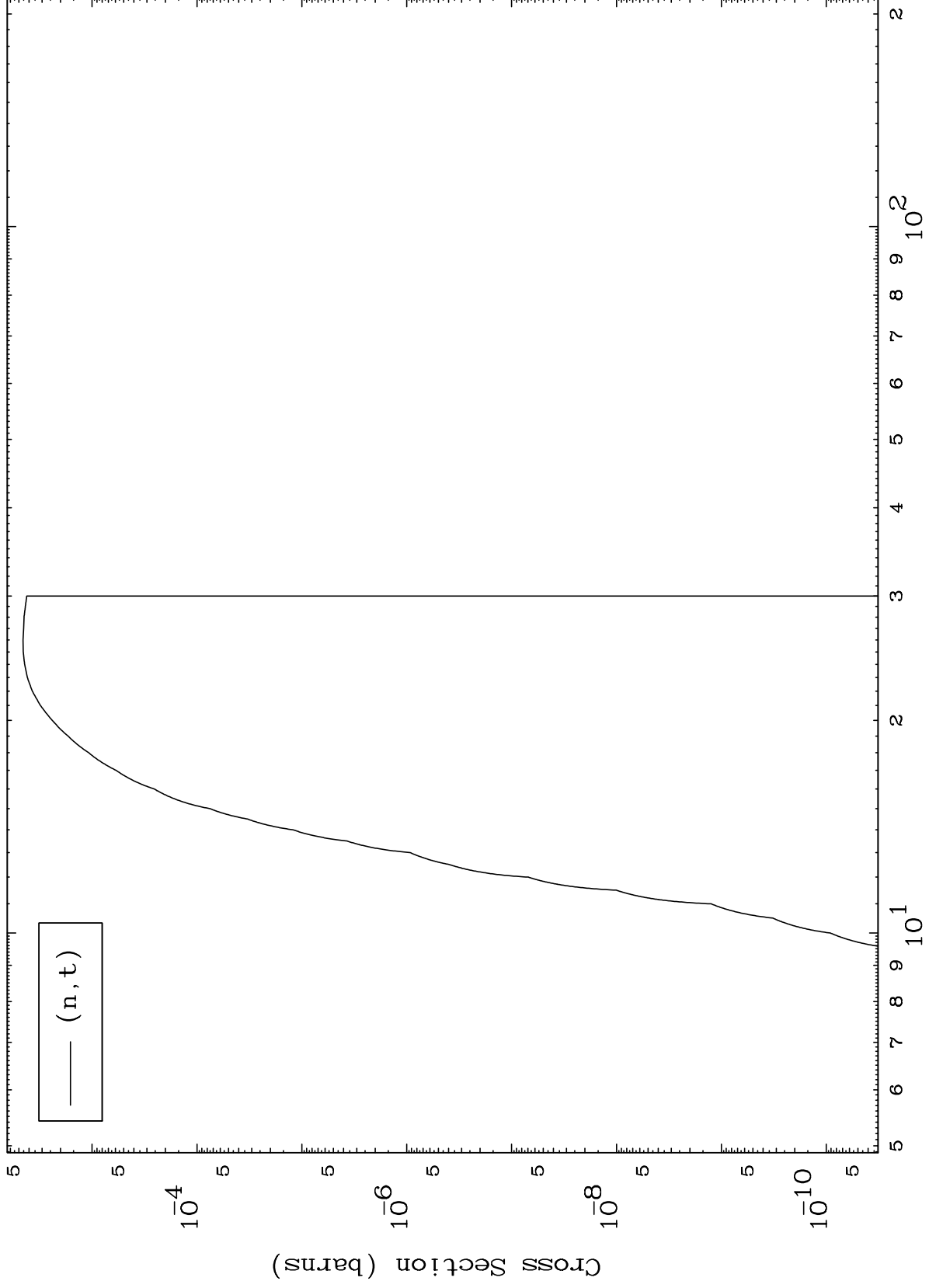
Incident Energy (MeV)

53-I -132m

MAT 5341

(n,t) Levels
293 Kelvin Cross Sections

53-I -132m



(n,t)

13

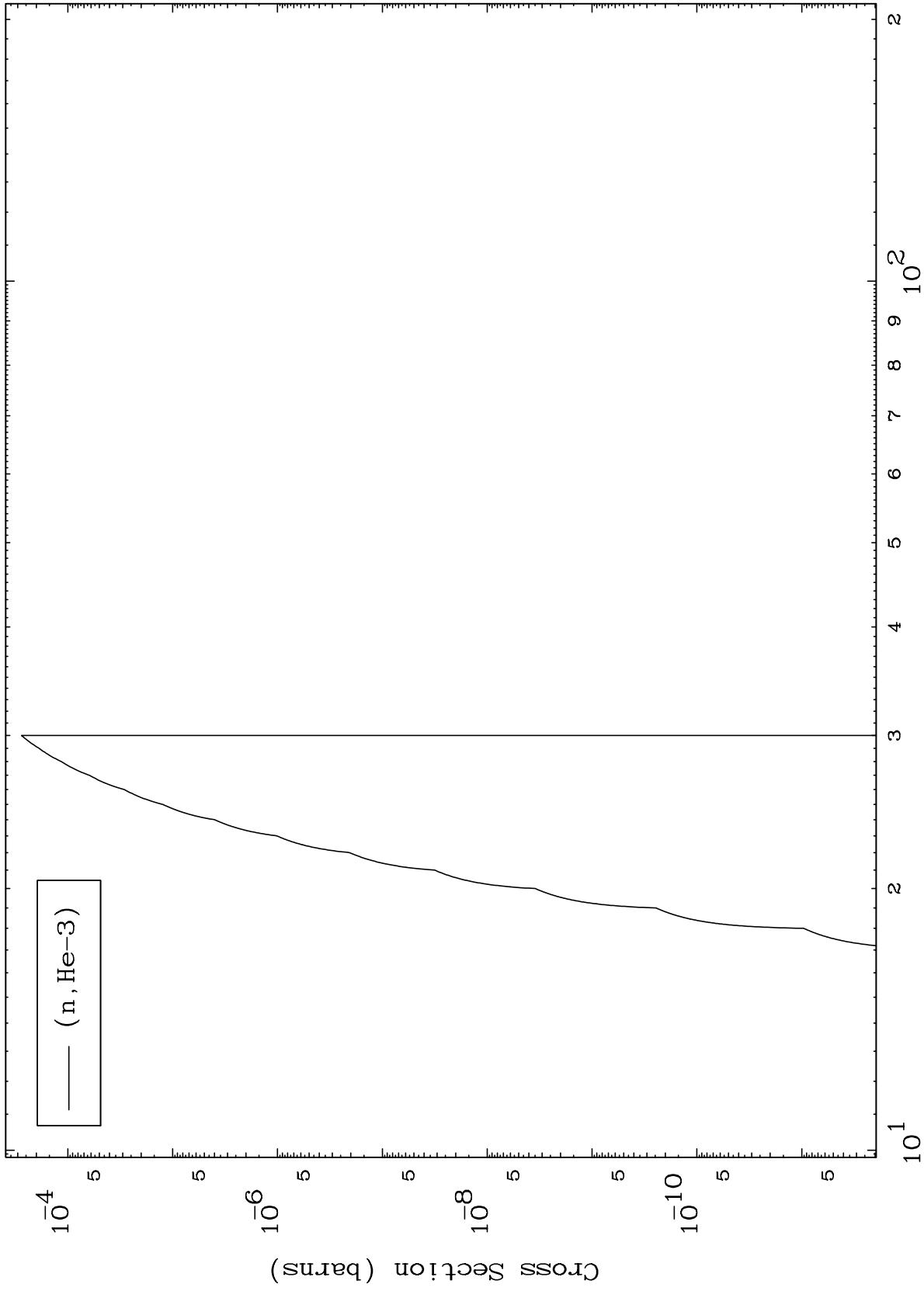
Incident Energy (MeV)

53-I -132m

MAT 5341

(n,He3) Levels
293 Kelvin Cross Sections

53-I -132m



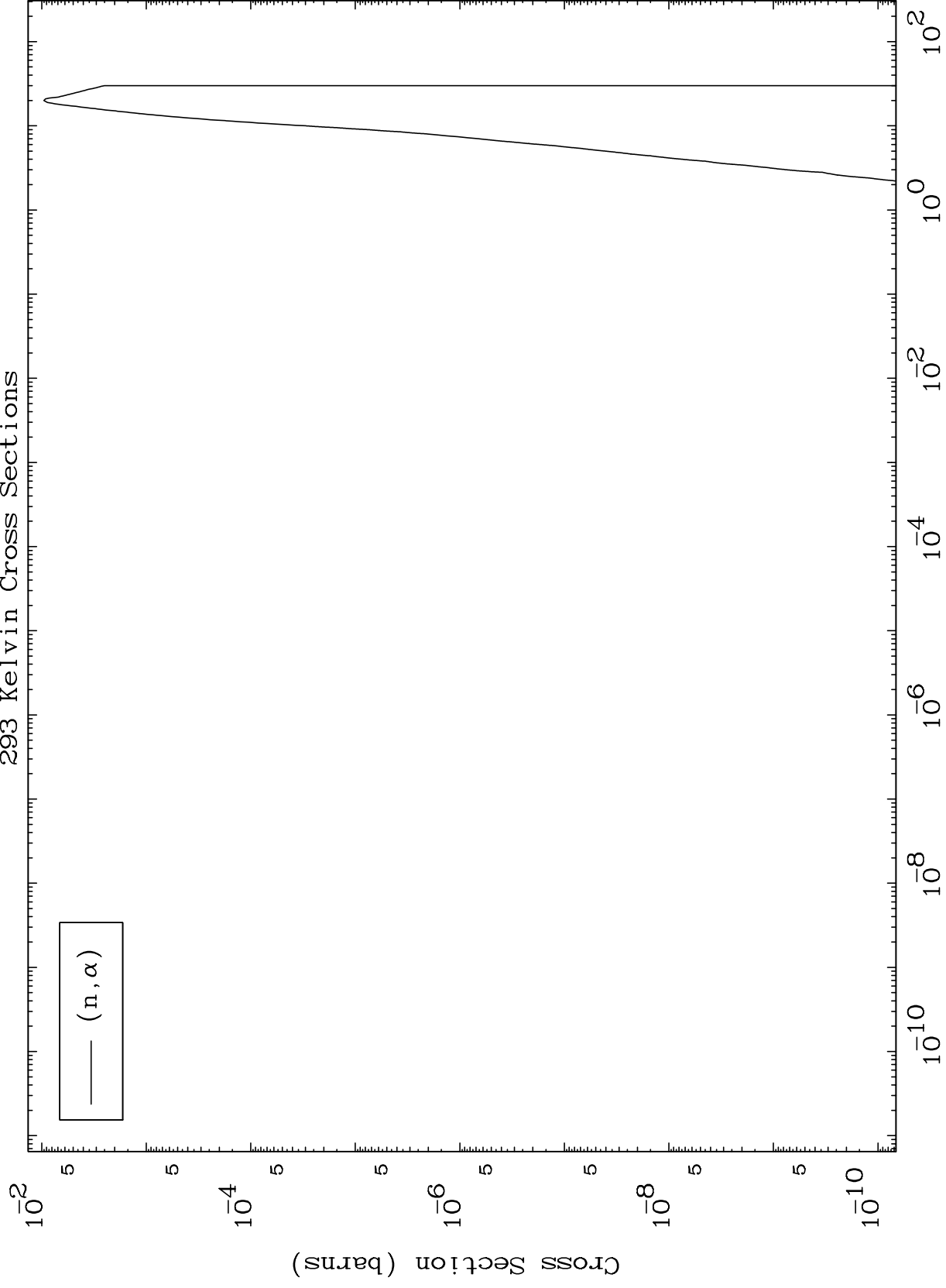
Incident Energy (MeV)

53-I -132m

MAT 5341

(n, α) Levels
293 Kelvin Cross Sections

53-I -132m



15

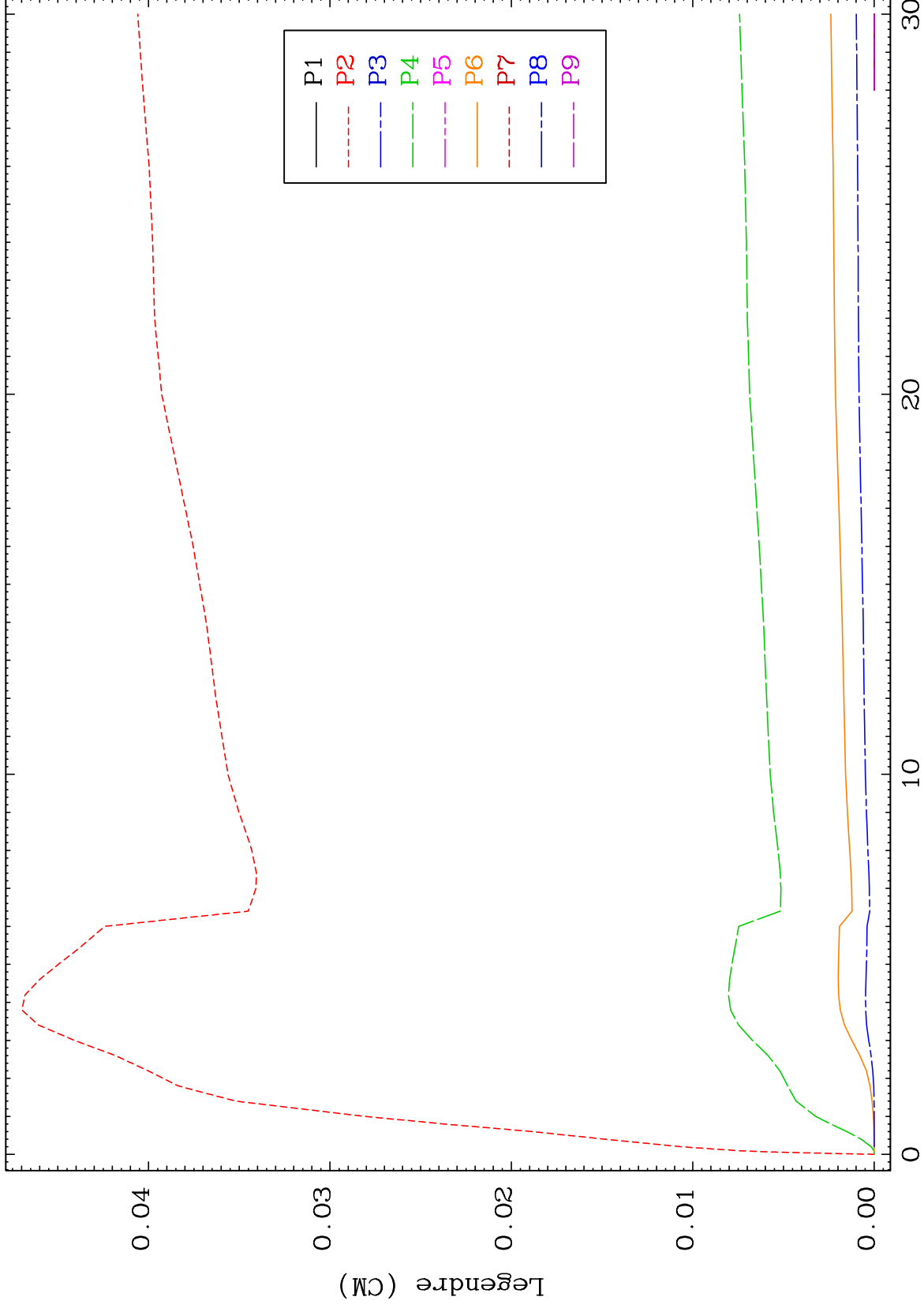
Incident Energy (MeV)

53-I -132m

MAT 5341

Elastic
Legendre Coefficients

53-I -132m



16

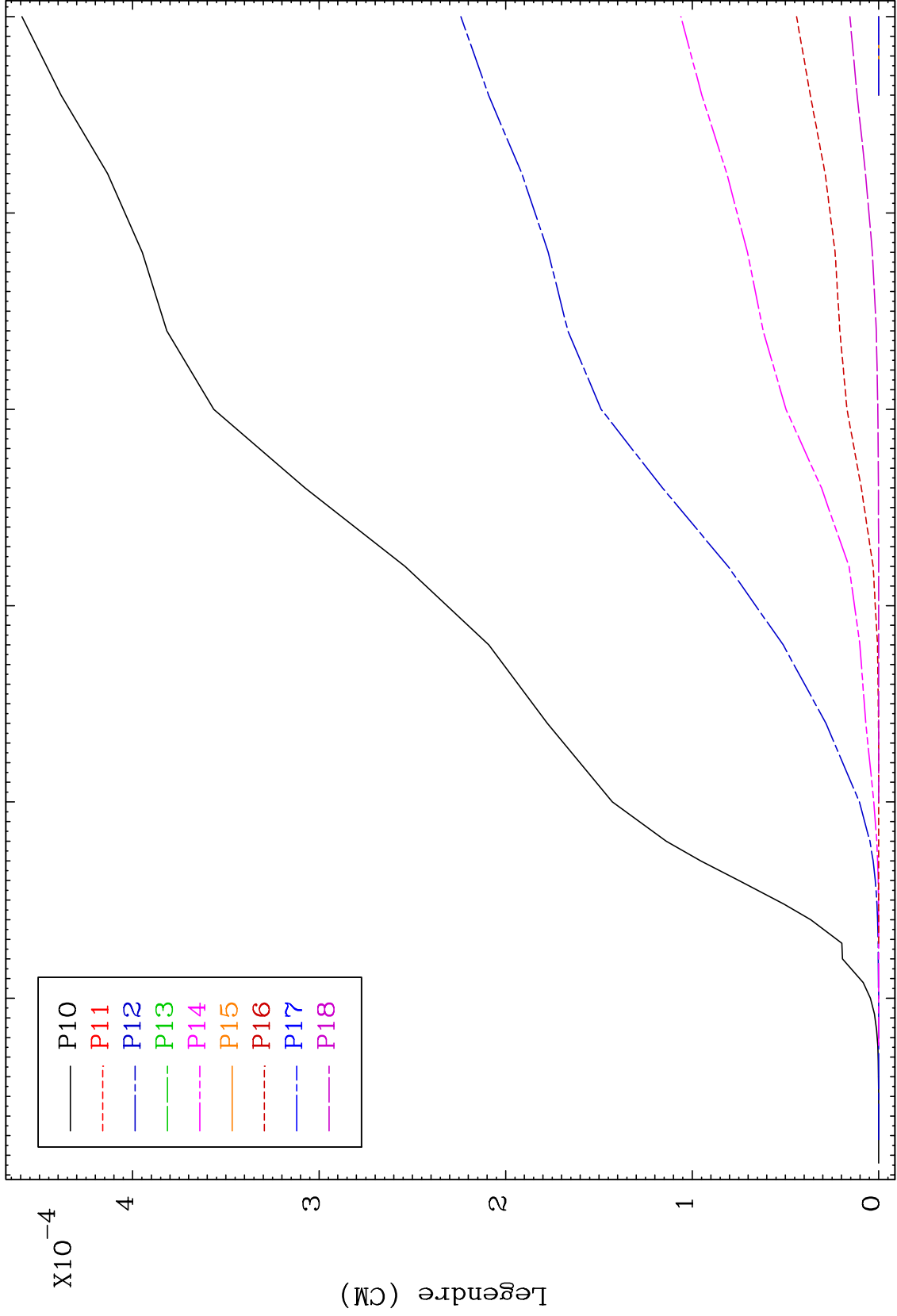
Incident Energy (MeV)

53-I -132m

MAT 5341

Elastic
Legendre Coefficients

53-I -132m



17

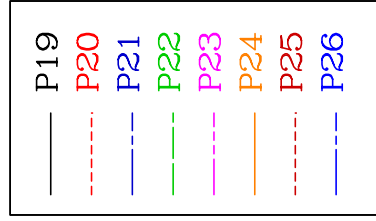
Incident Energy (MeV)

53-I -132m

MAT 5341

Elastic Legendre Coefficients

53-I -132m



$\times 10^{-6}$
1.0
0.8
0.6
0.4
0.2
0.0

Legendre (CM)

15 20 25 30

18

Incident Energy (MeV)

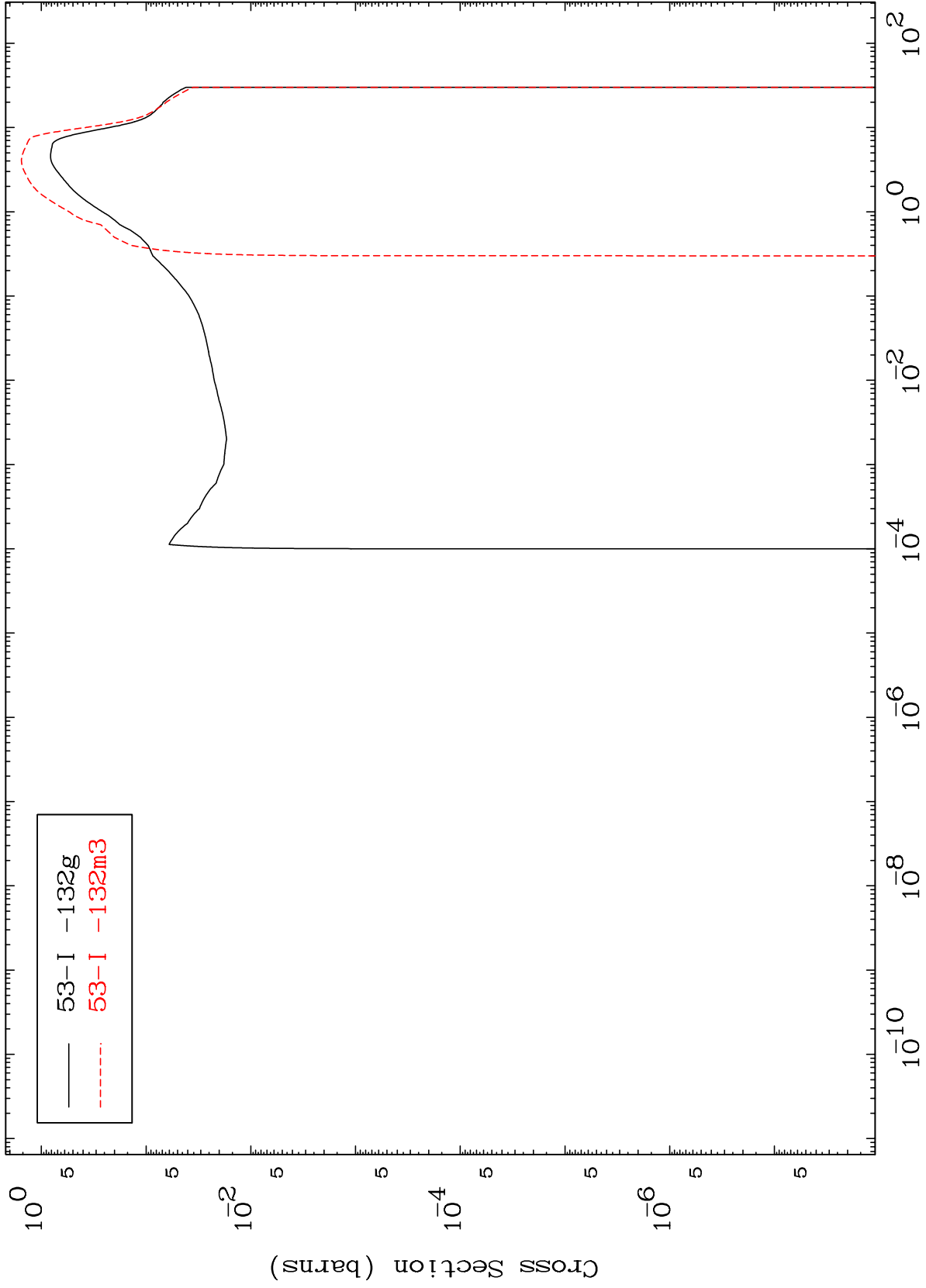
53-I -132m



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Inelastic
Radionuclide Production Cross Section

53-I -132m



53-I -132g
53-I -132m3

53-I -132m

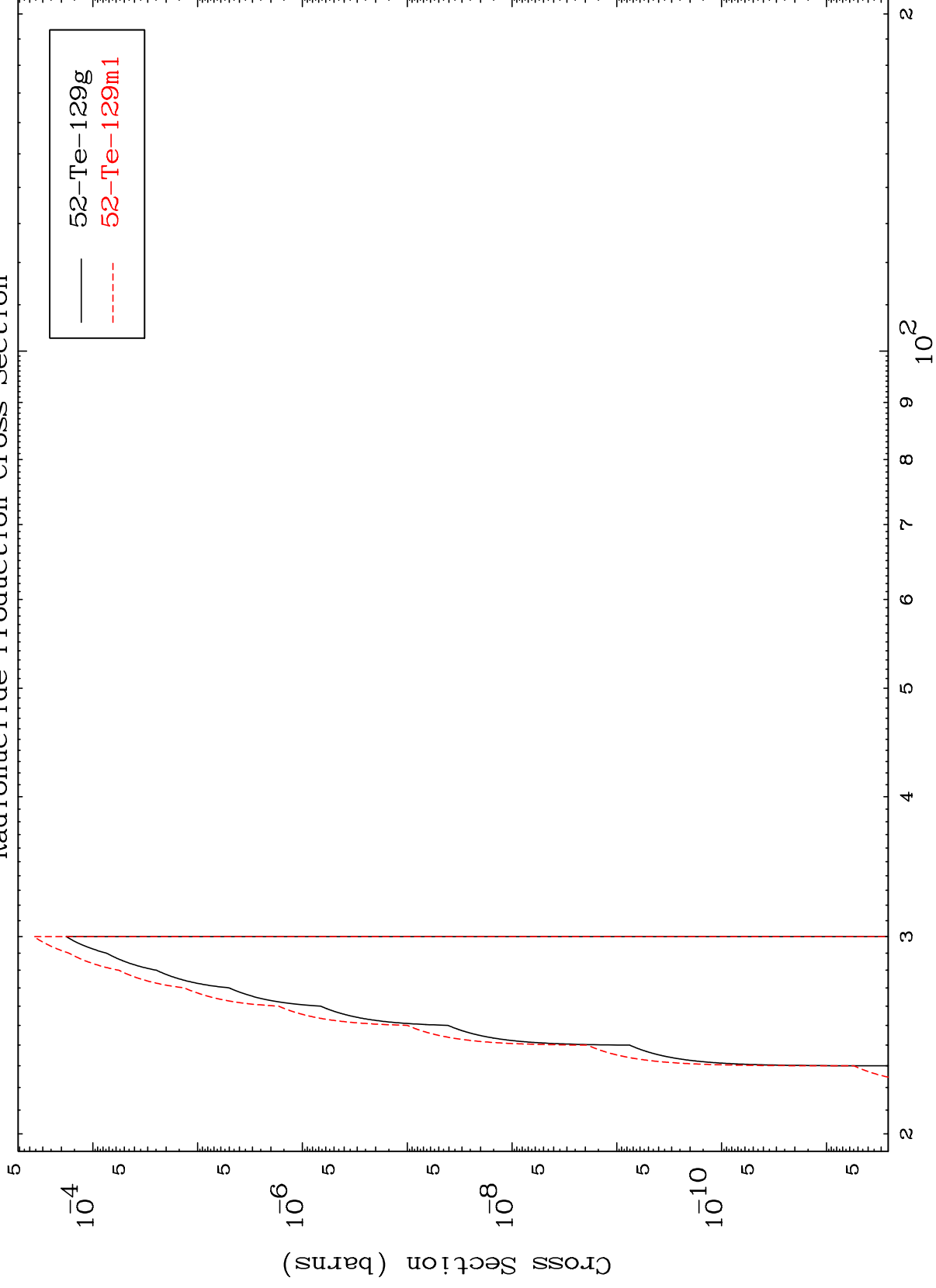
Incident Energy (MeV)

MAT 5341

(n,2n) d

53-I -132m

Radionuclide Production Cross Section



20

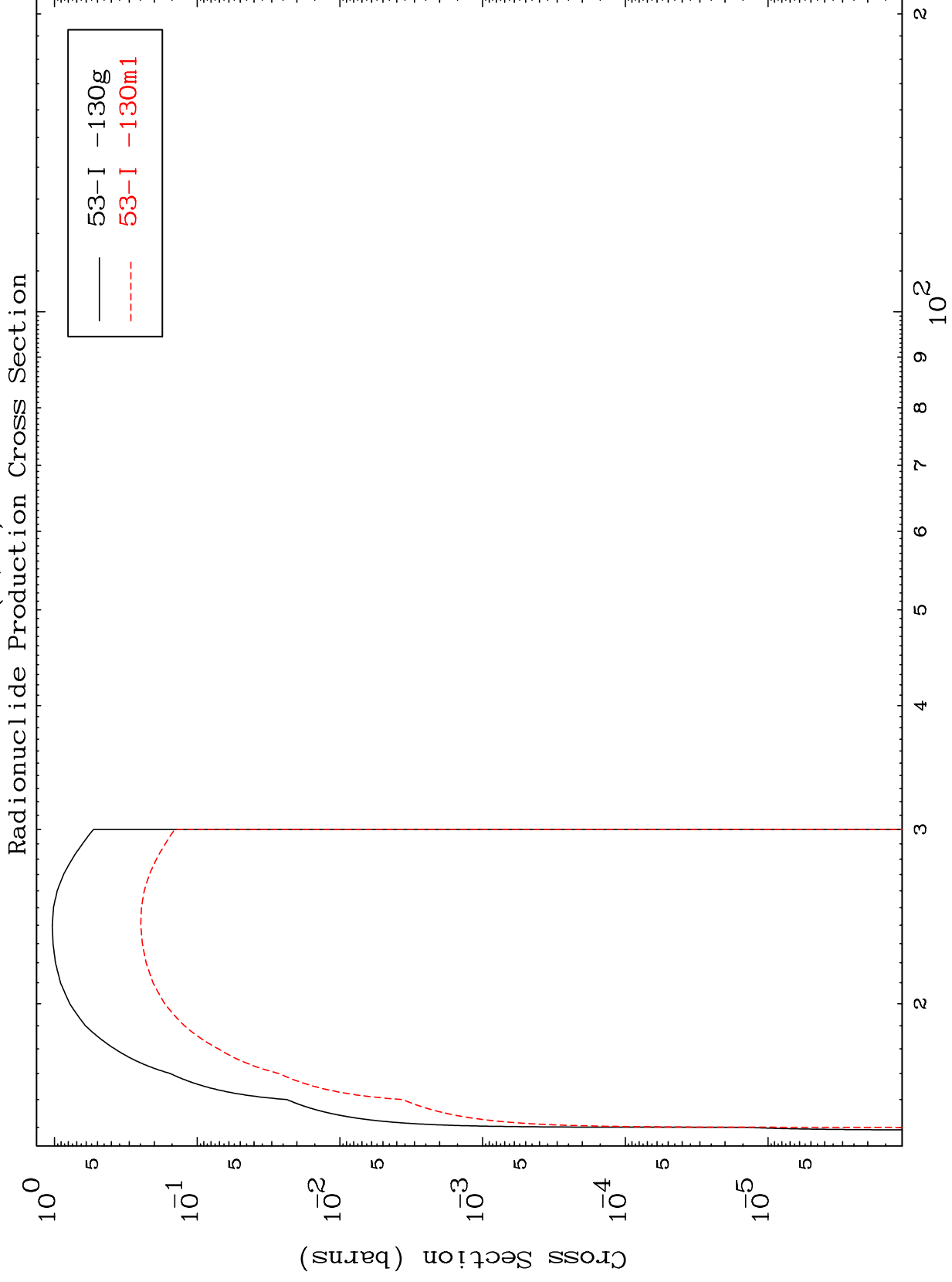
Incident Energy (MeV)

53-I -132m

MAT 5341

(n,3n)

53-I -132m

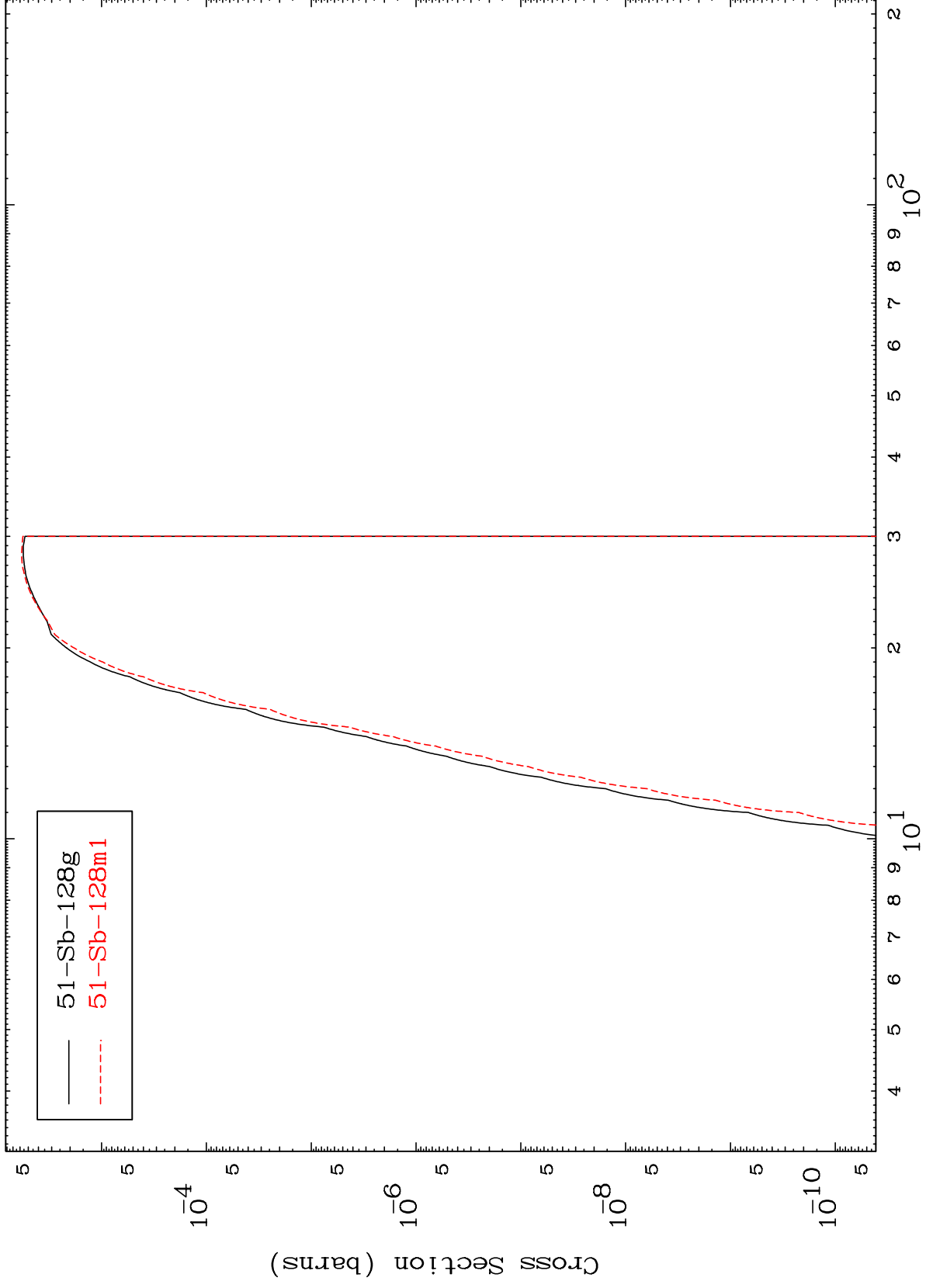


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(n,n') α

53-I -132m

Radionuclide Production Cross Section



22

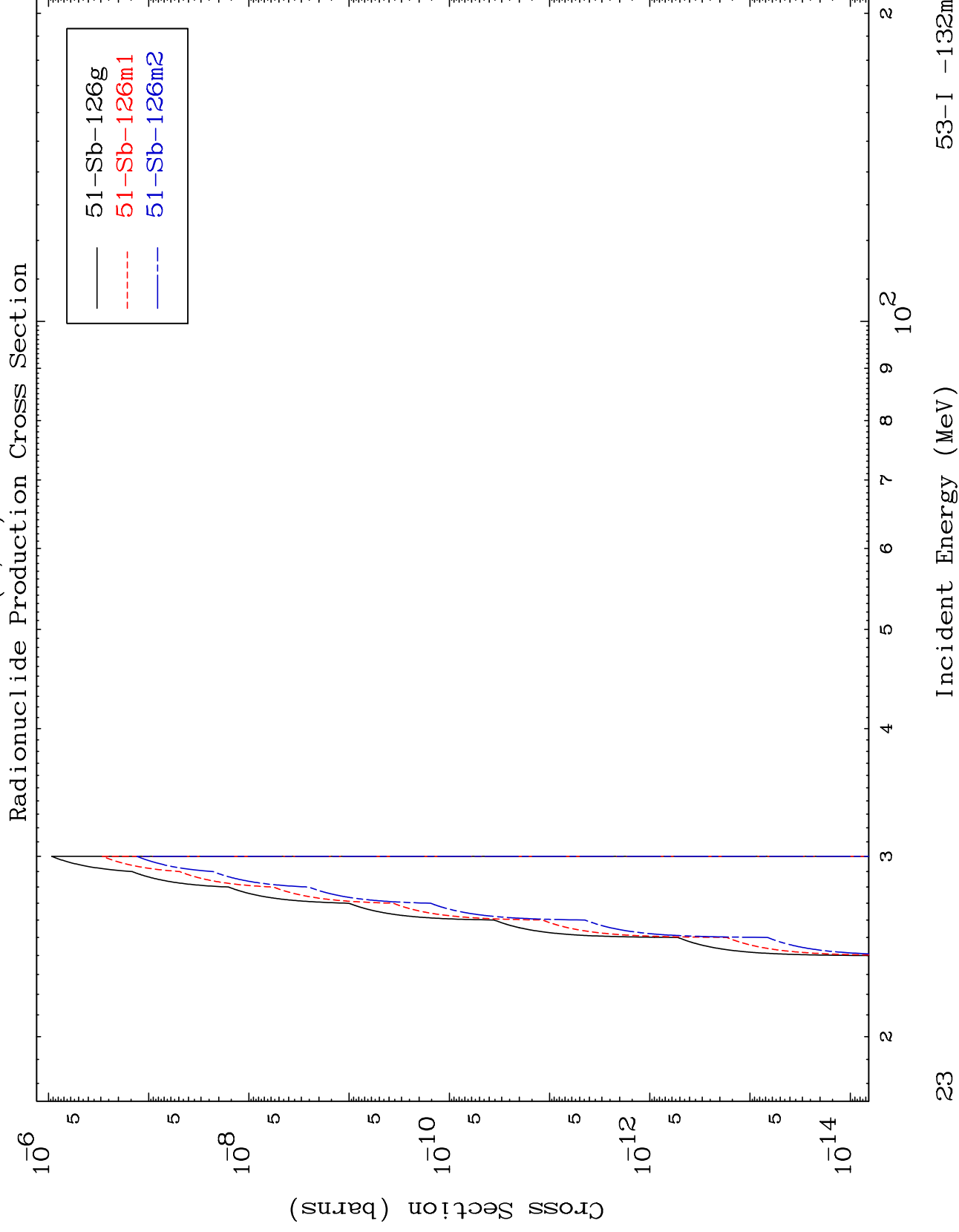
Incident Energy (MeV)

53-I -132m

MAT 5341

(n,3n) α

53-I -132m



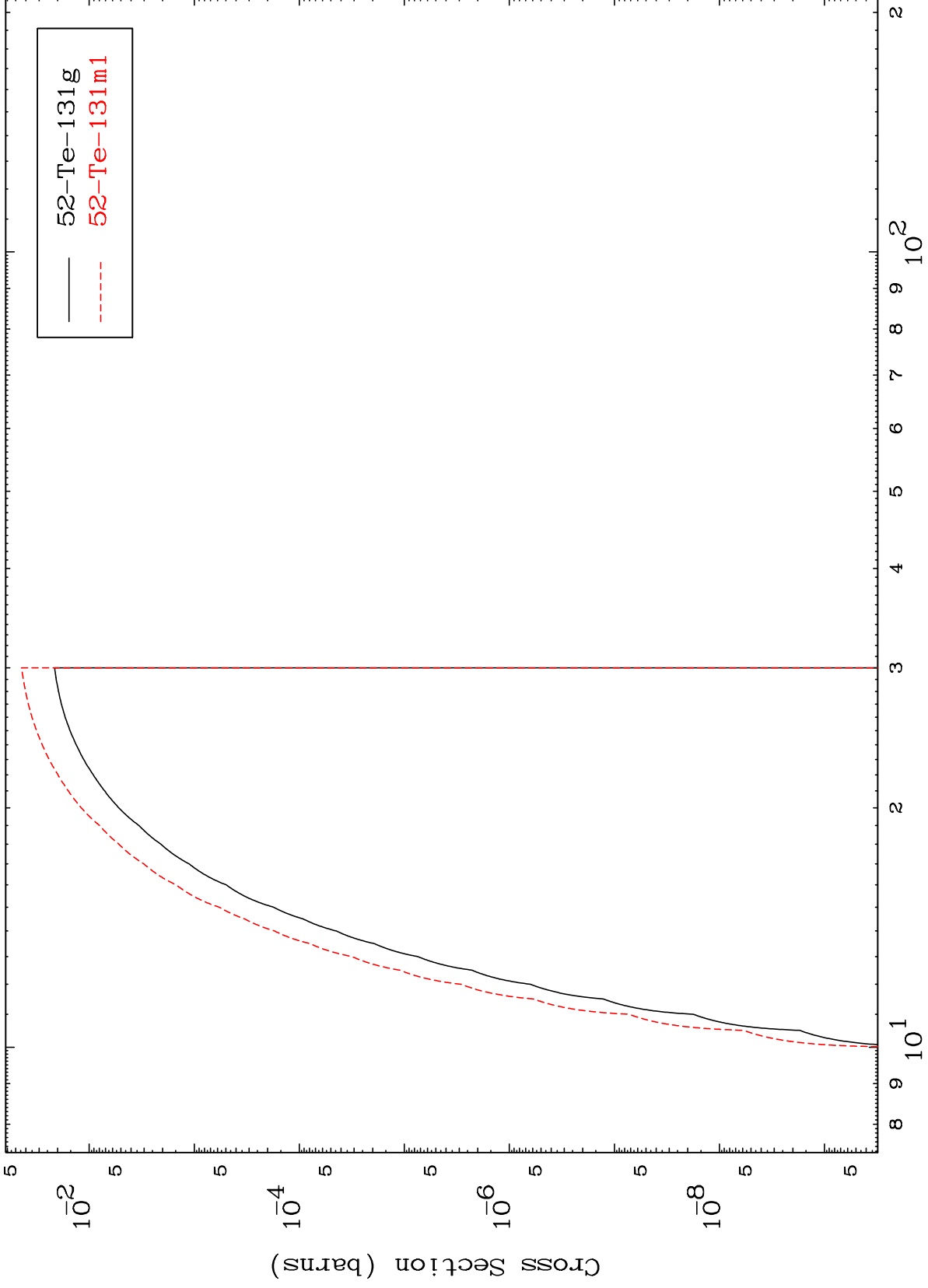
23

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(n,n') p

53-I -132m

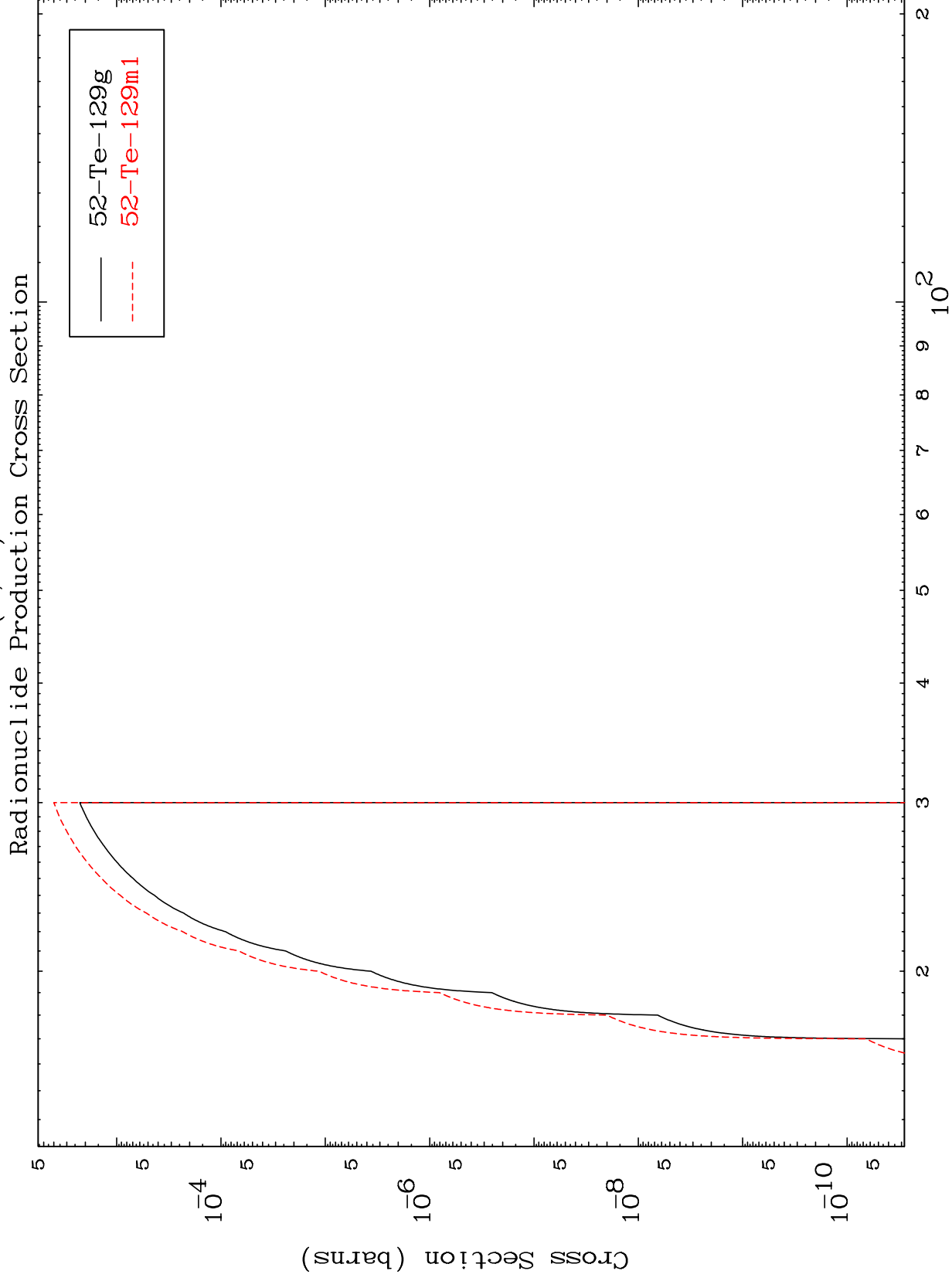
Radionuclide Production Cross Section



24

Incident Energy (MeV)

53-I -132m

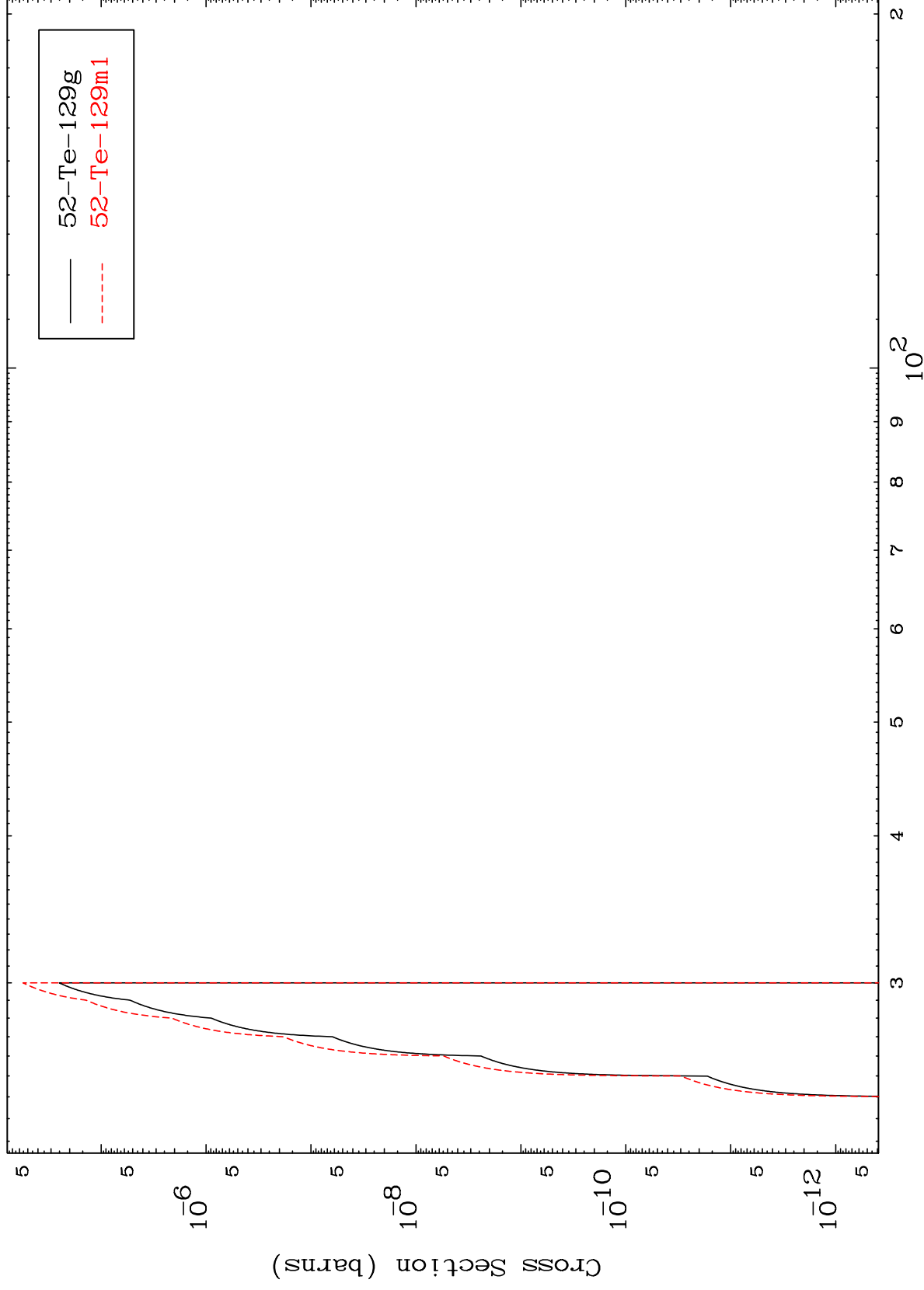


MAT 5341

(n,3n) p

53-I -132m

Radionuclide Production Cross Section

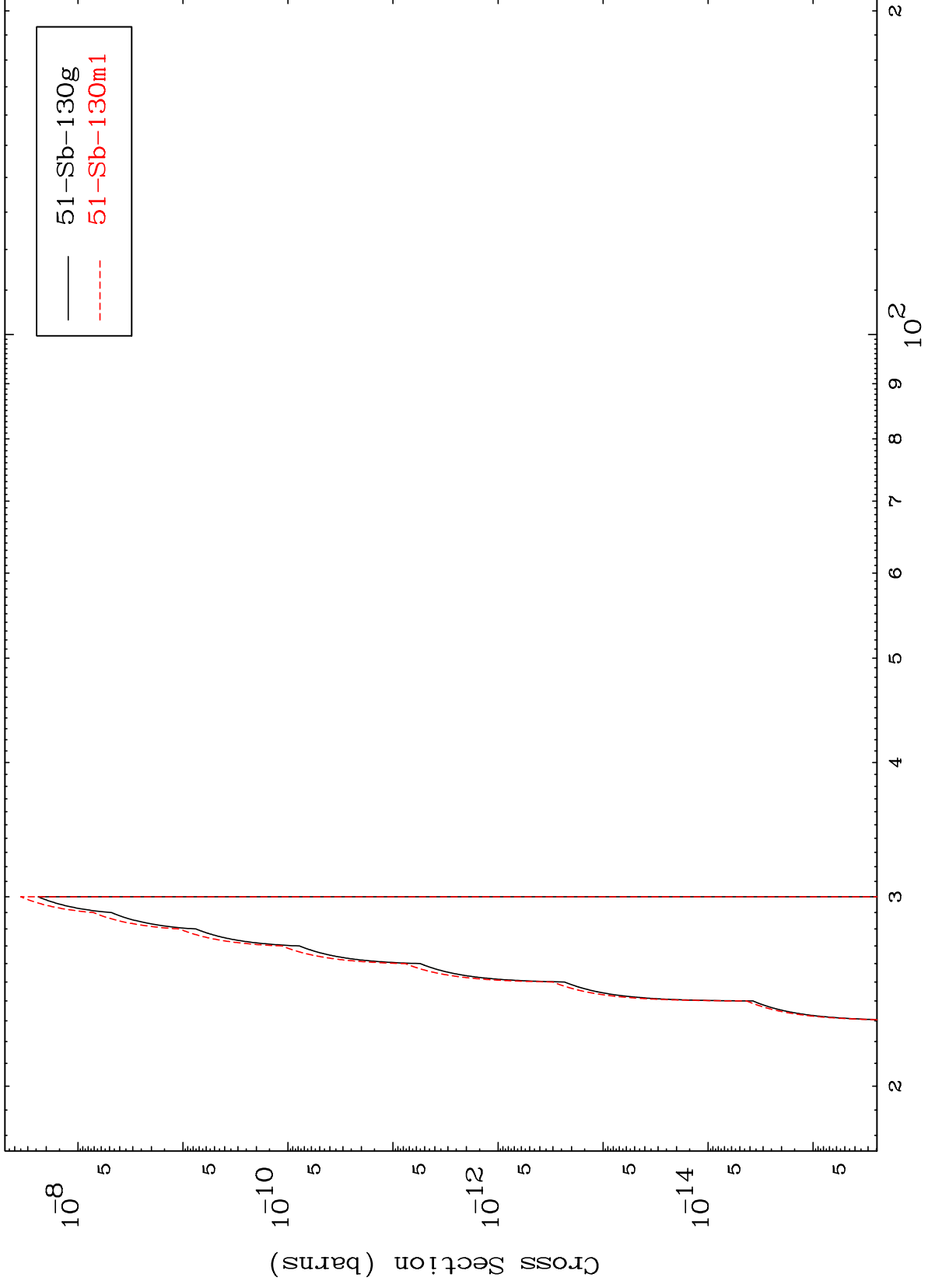


26

Incident Energy (MeV)

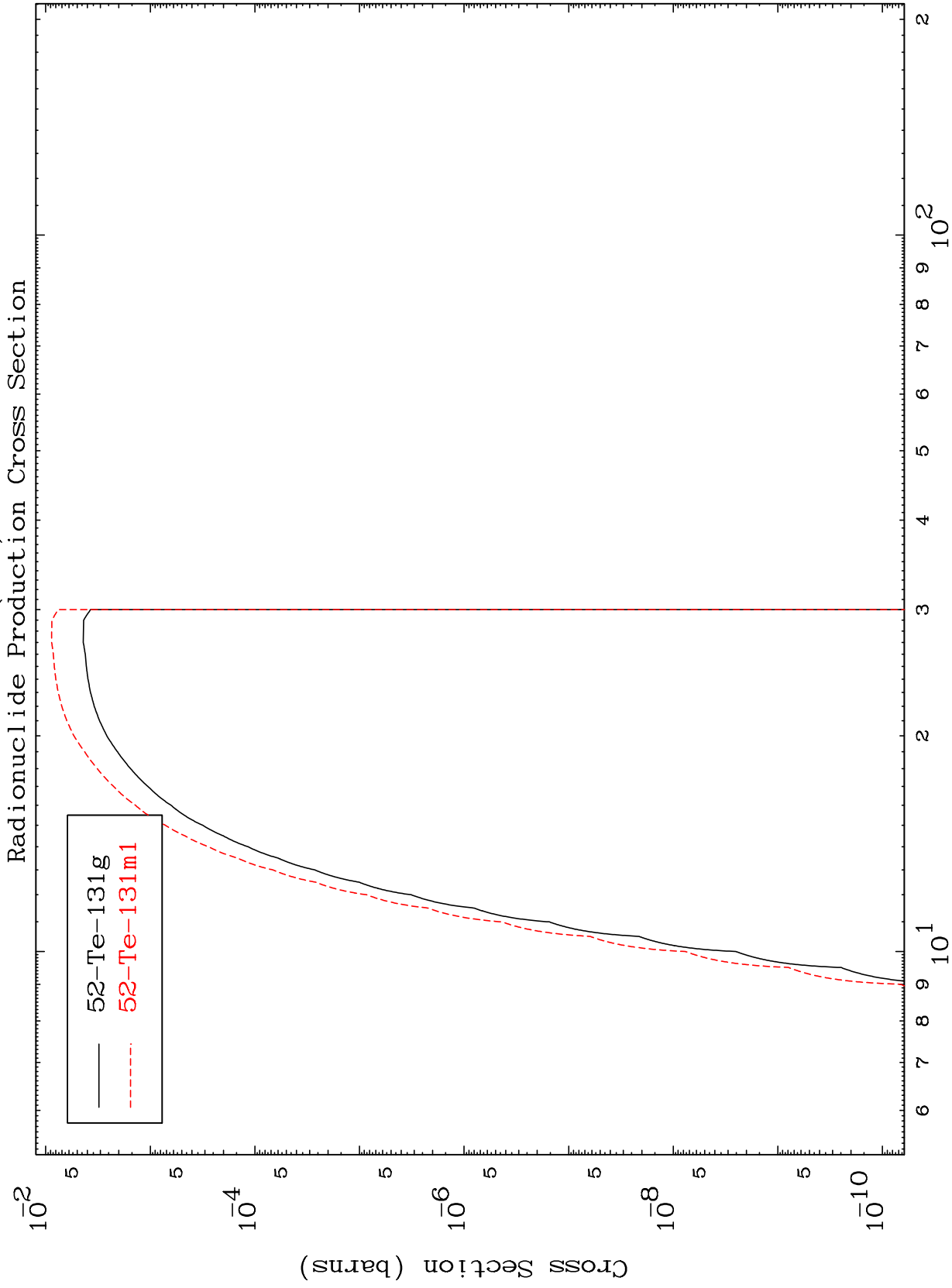
53-I -132m

Radionuclide Production Cross Section



MAT 5341

53-I -132m



53-I -132m

Incident Energy (MeV)

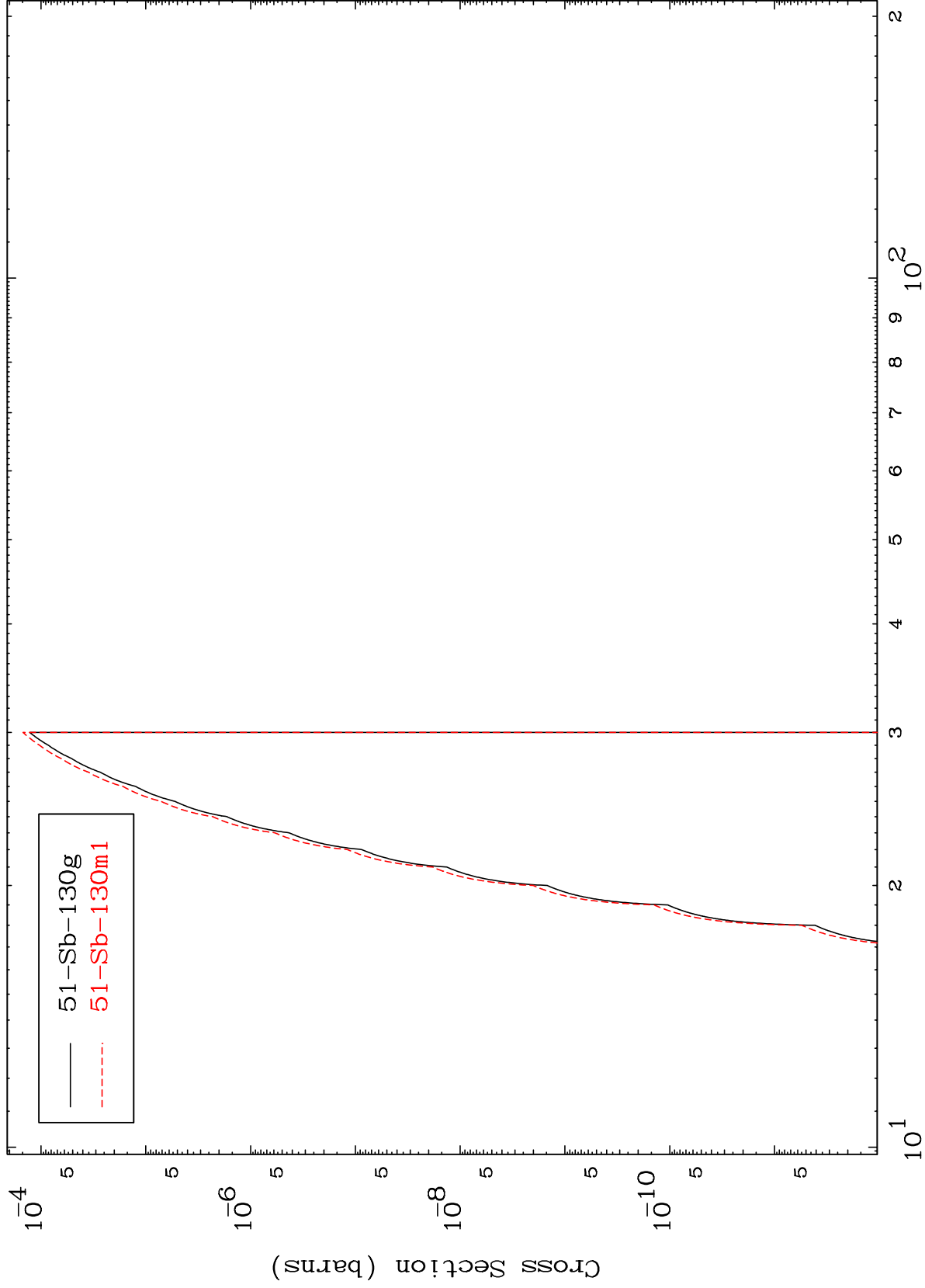
28

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(n,He-3)

53-I -132m

Radionuclide Production Cross Section



29

Incident Energy (MeV)

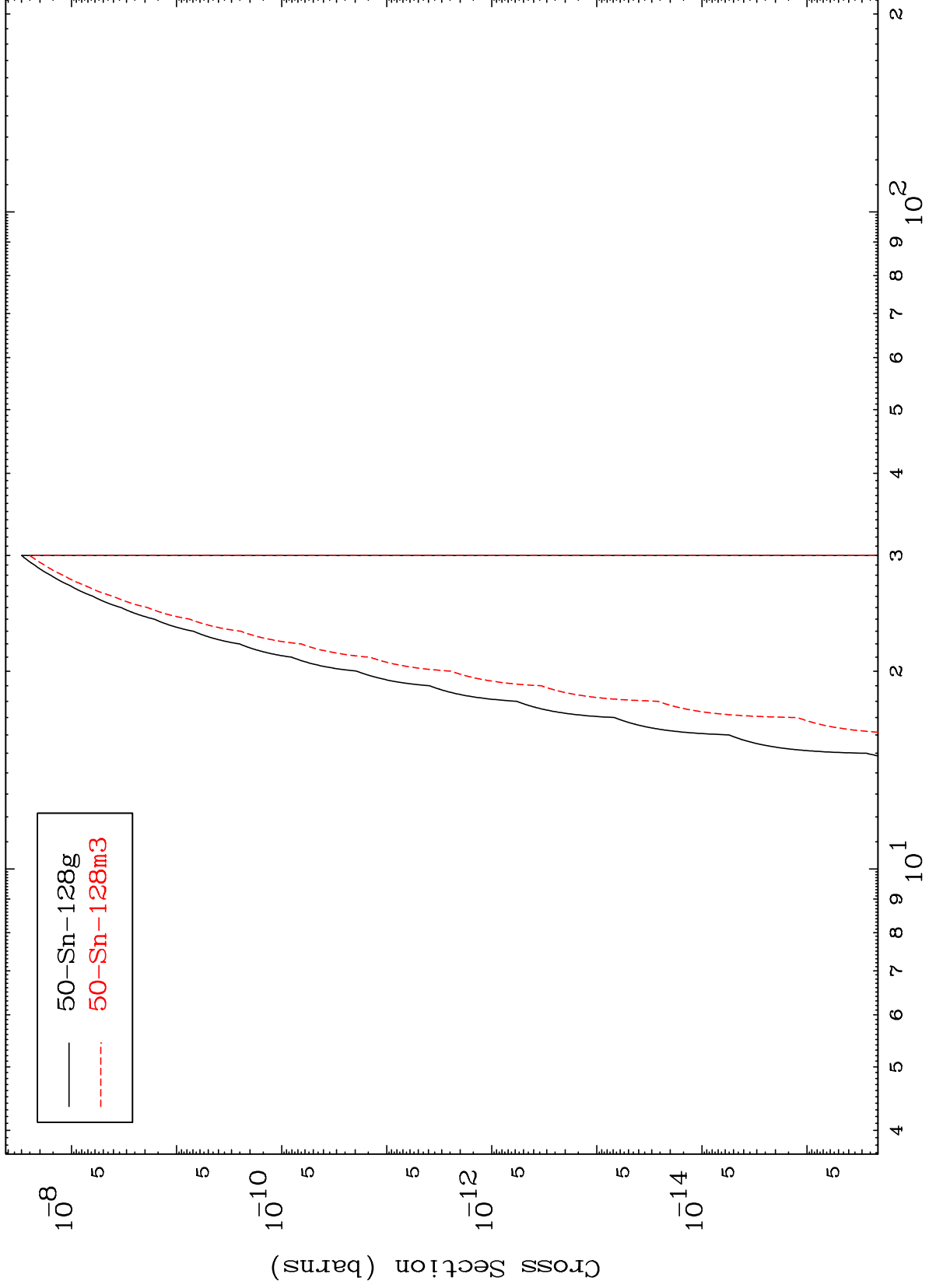
53-I -132m

MAT 5341

(n,p) α

53-I -132m

Radionuclide Production Cross Section



30

Incident Energy (MeV)

53-I -132m

Radionuclide Production Cross Section

