

Program EVALPLOT
(Version 2017-1)

by

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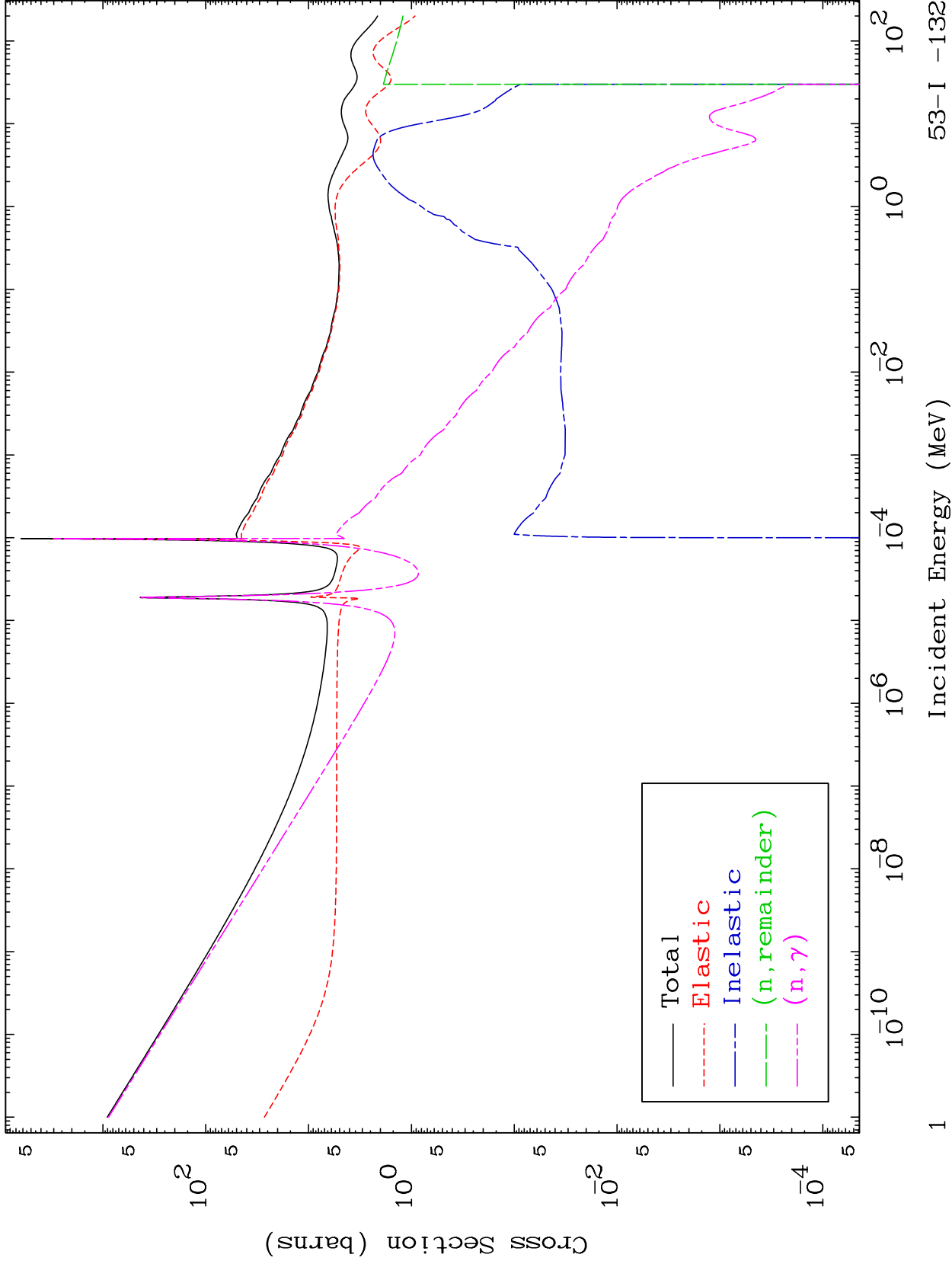
Web:redcullen1.net/HOMEPAGE.NEW

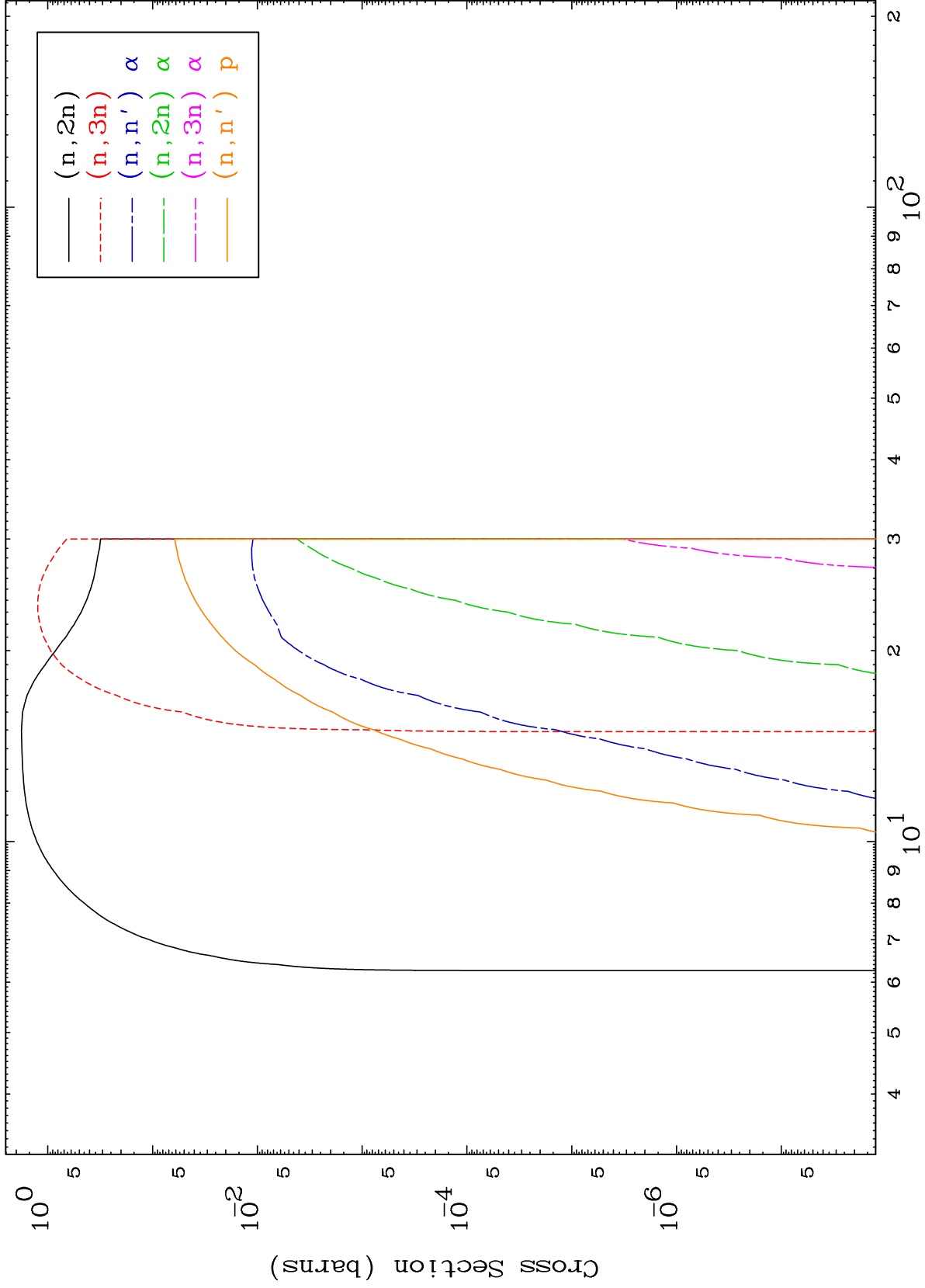
Press Mouse Button to Start

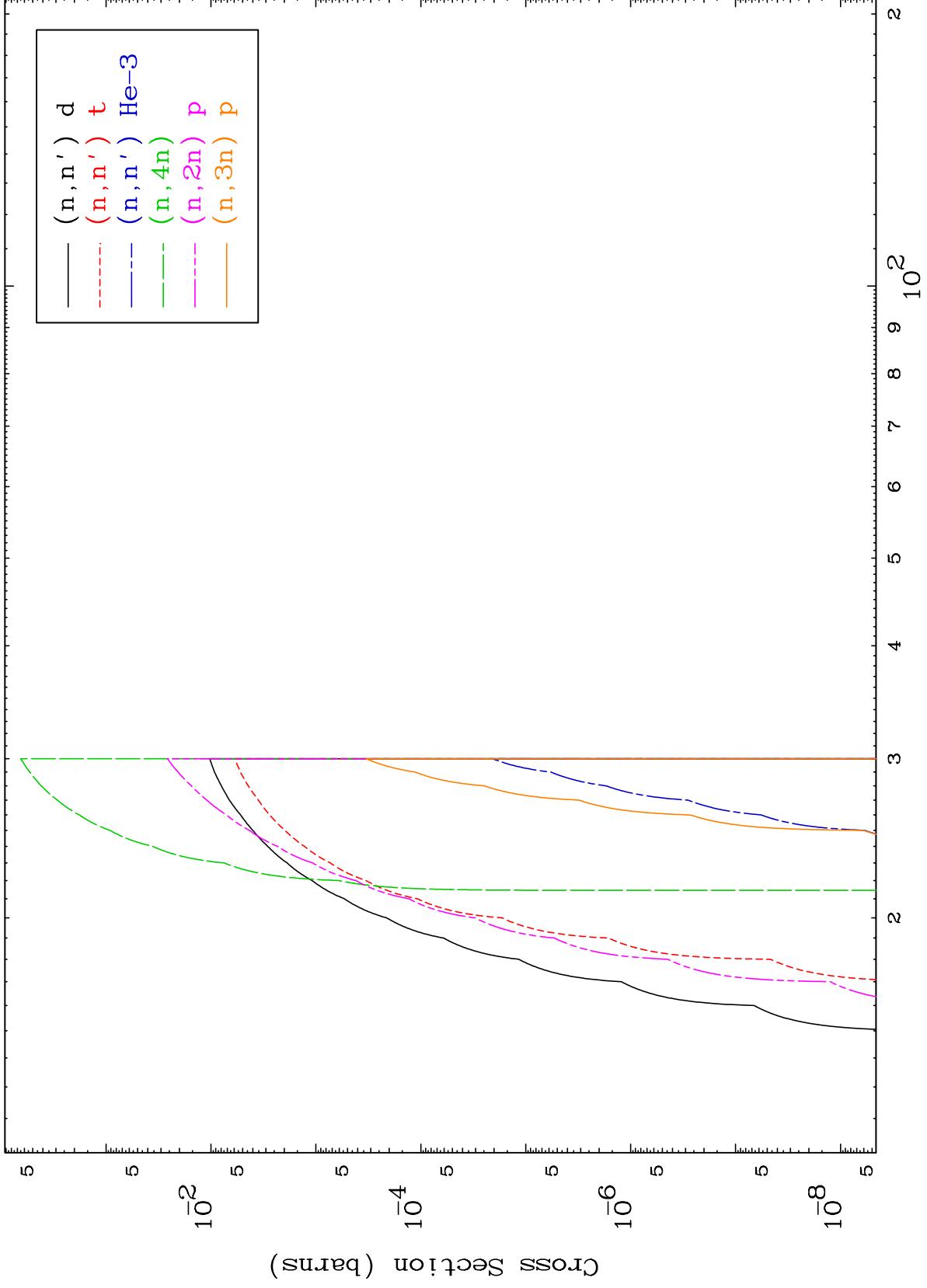
MAT 5341

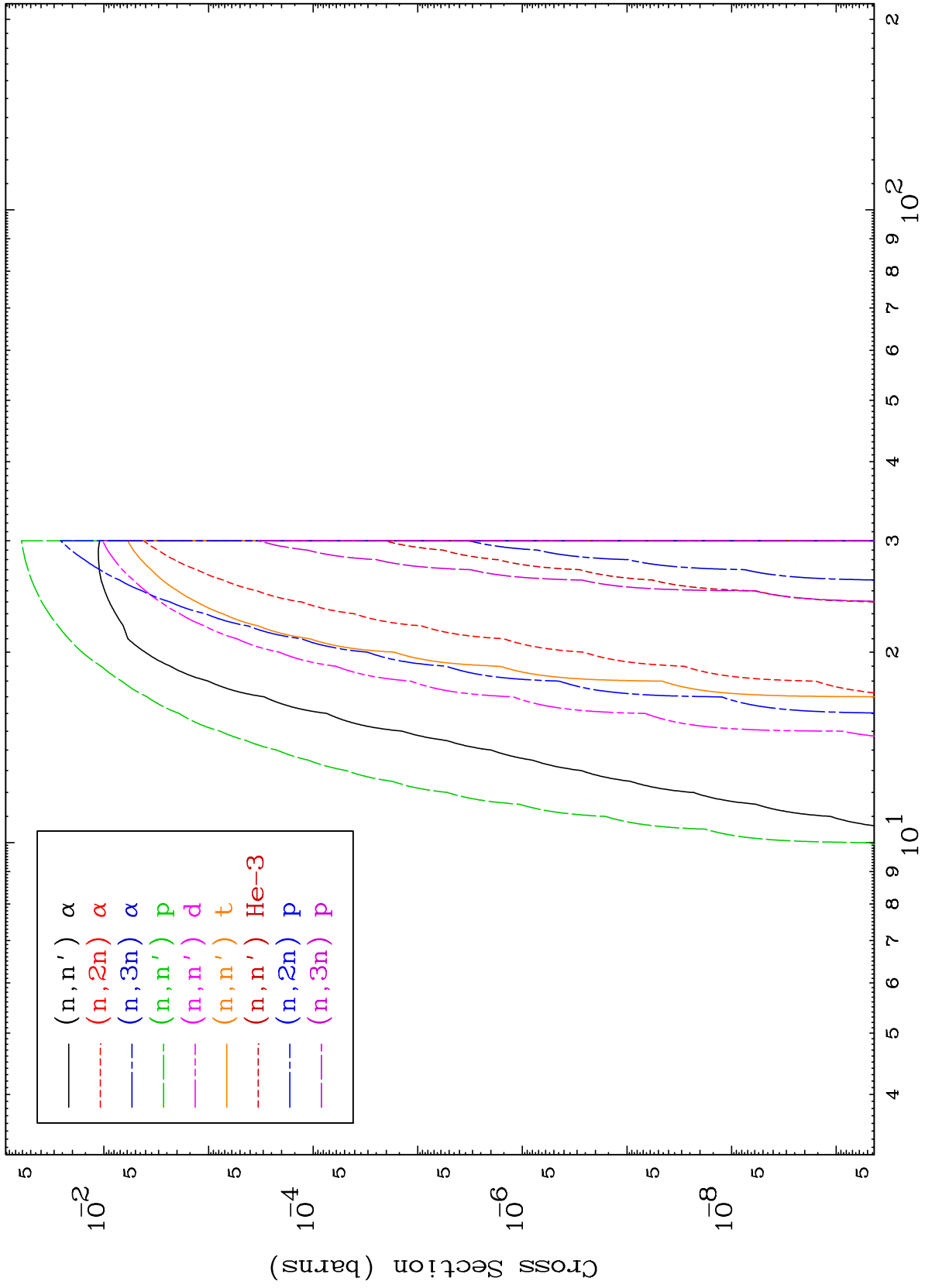
Major
293 Kelvin Cross Sections

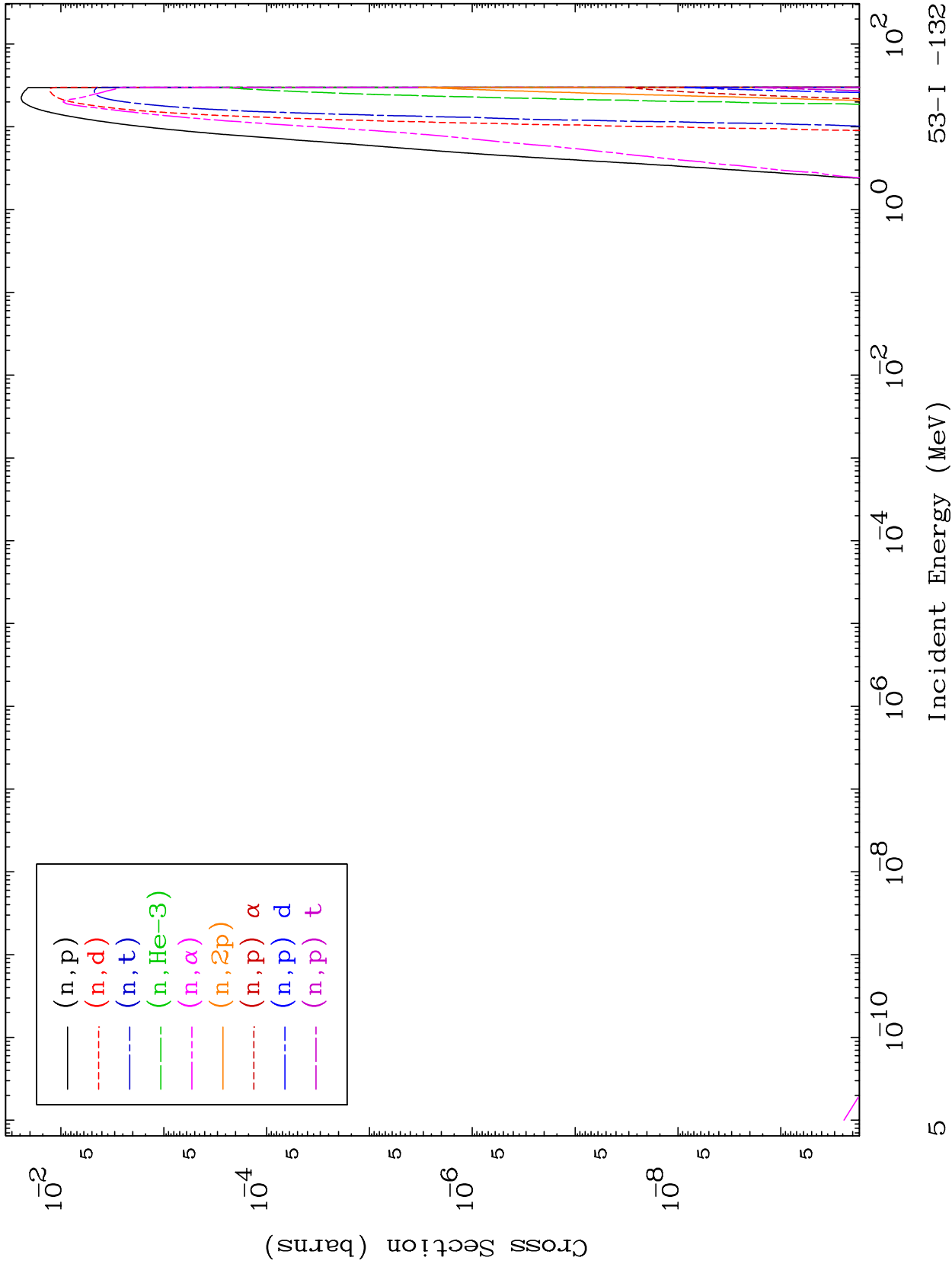
53-I -132







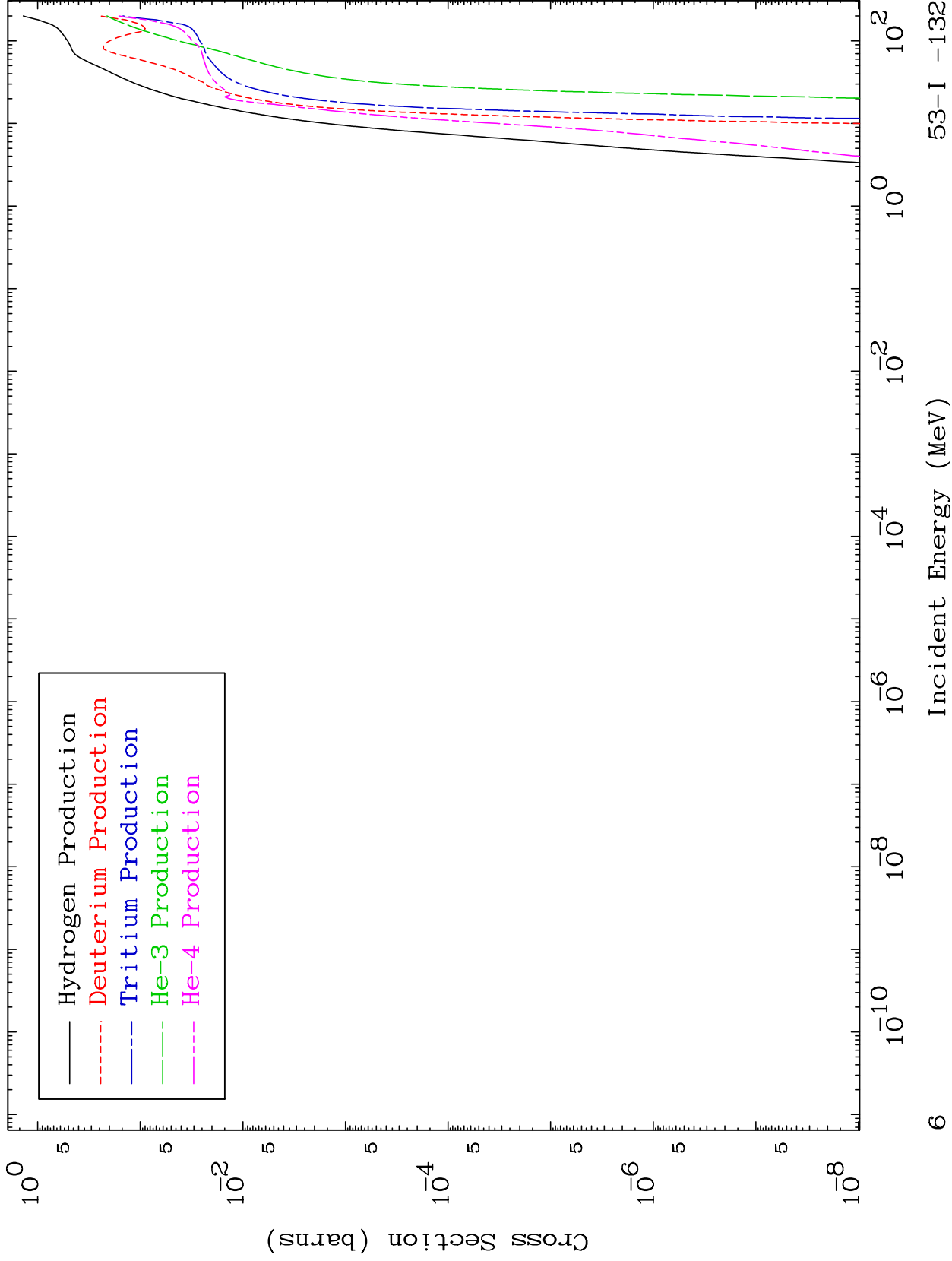




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Particle Production
293 Kelvin Cross Sections

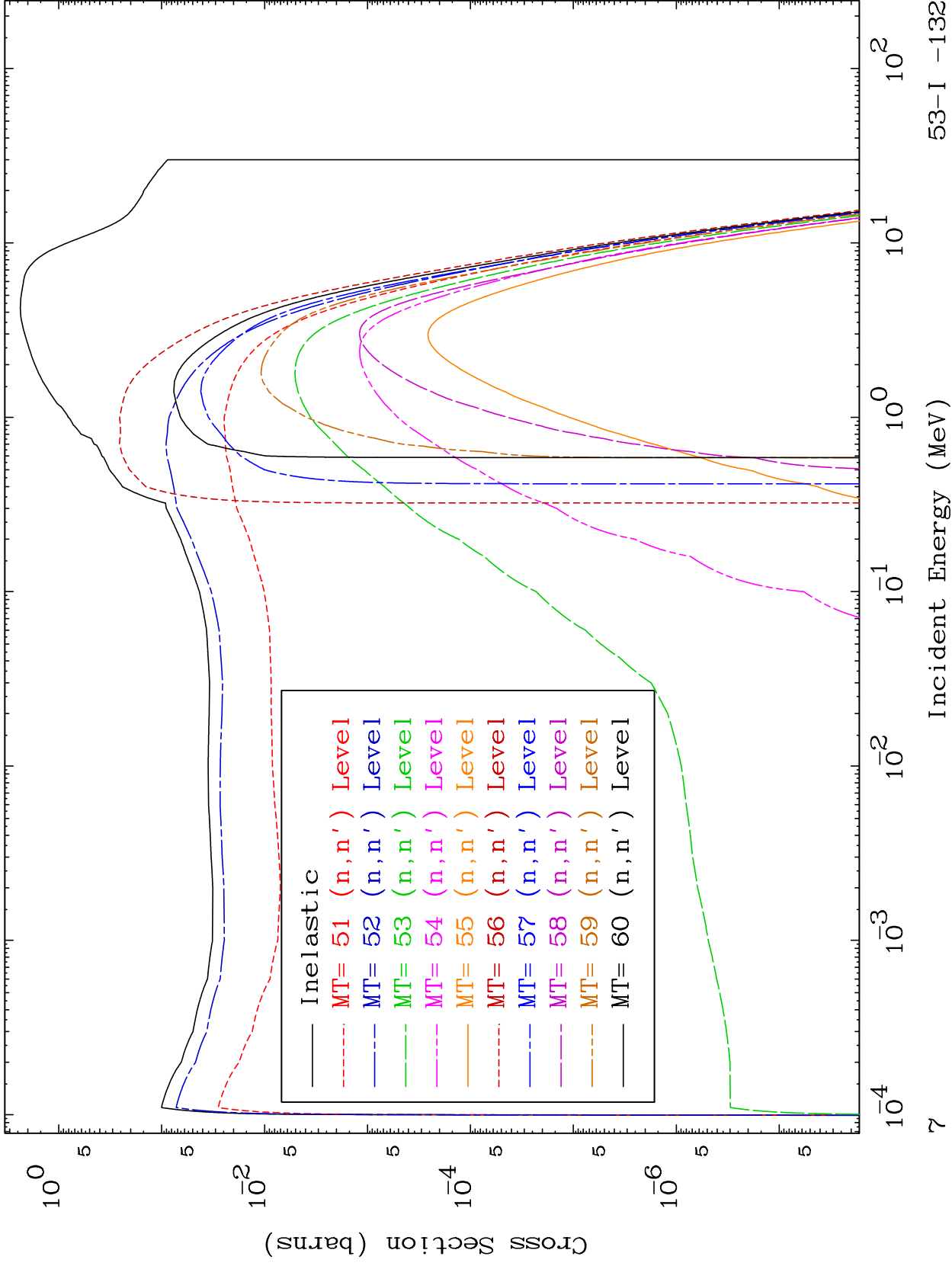
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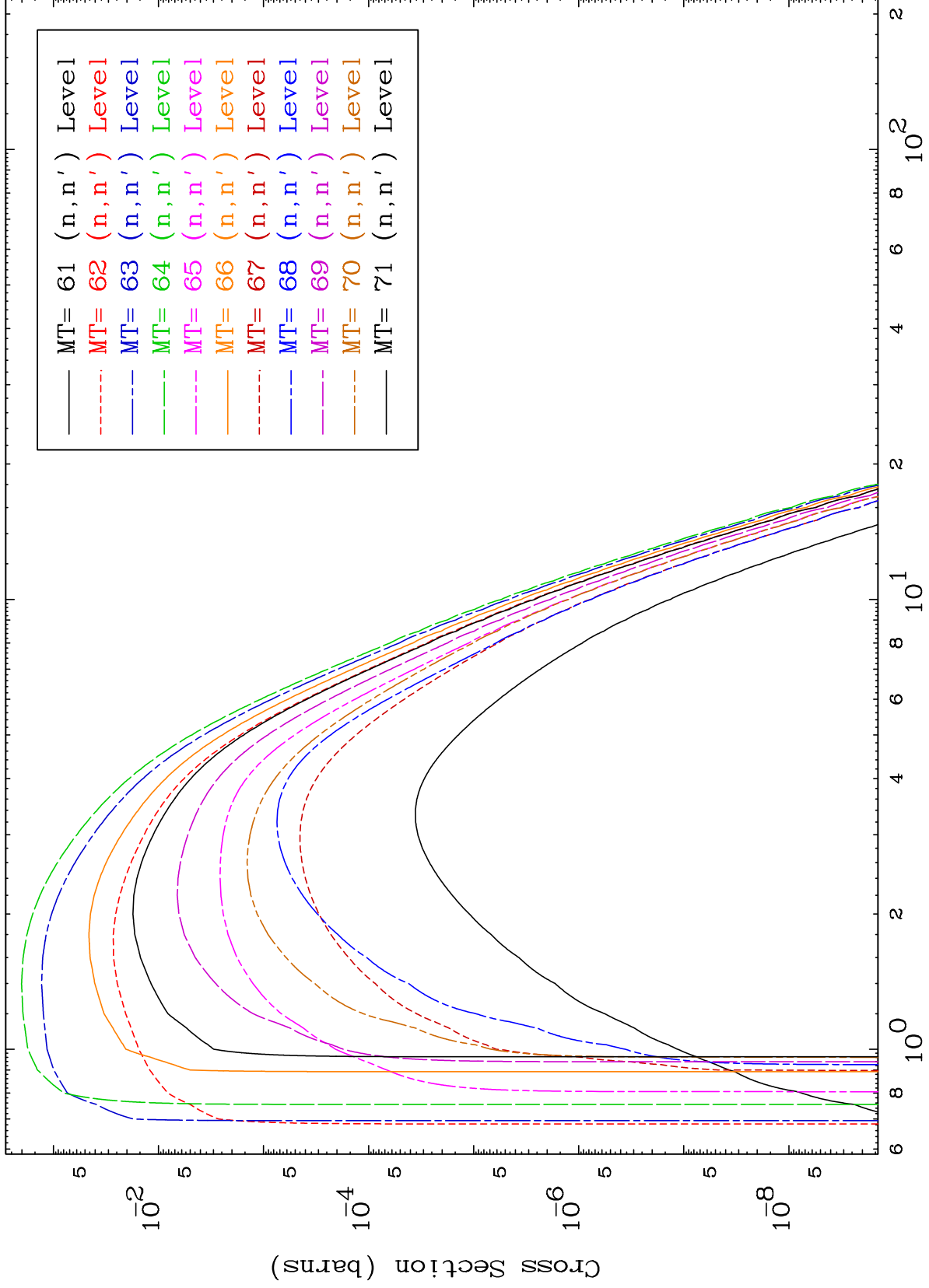
MAT 5341

(n,n') Level
293 Kelvin Cross Sections

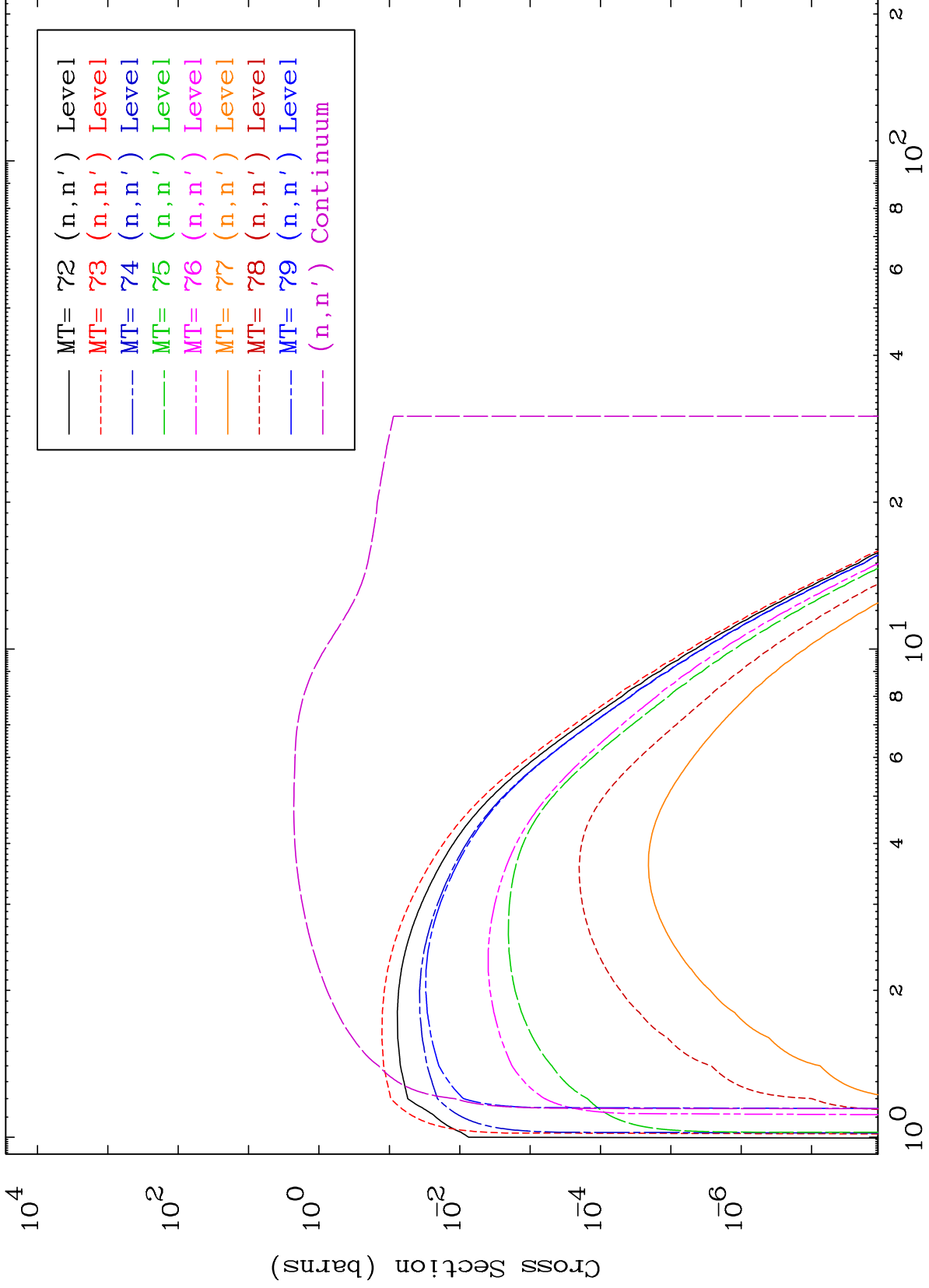
53-I -132



293 Kelvin Cross Sections



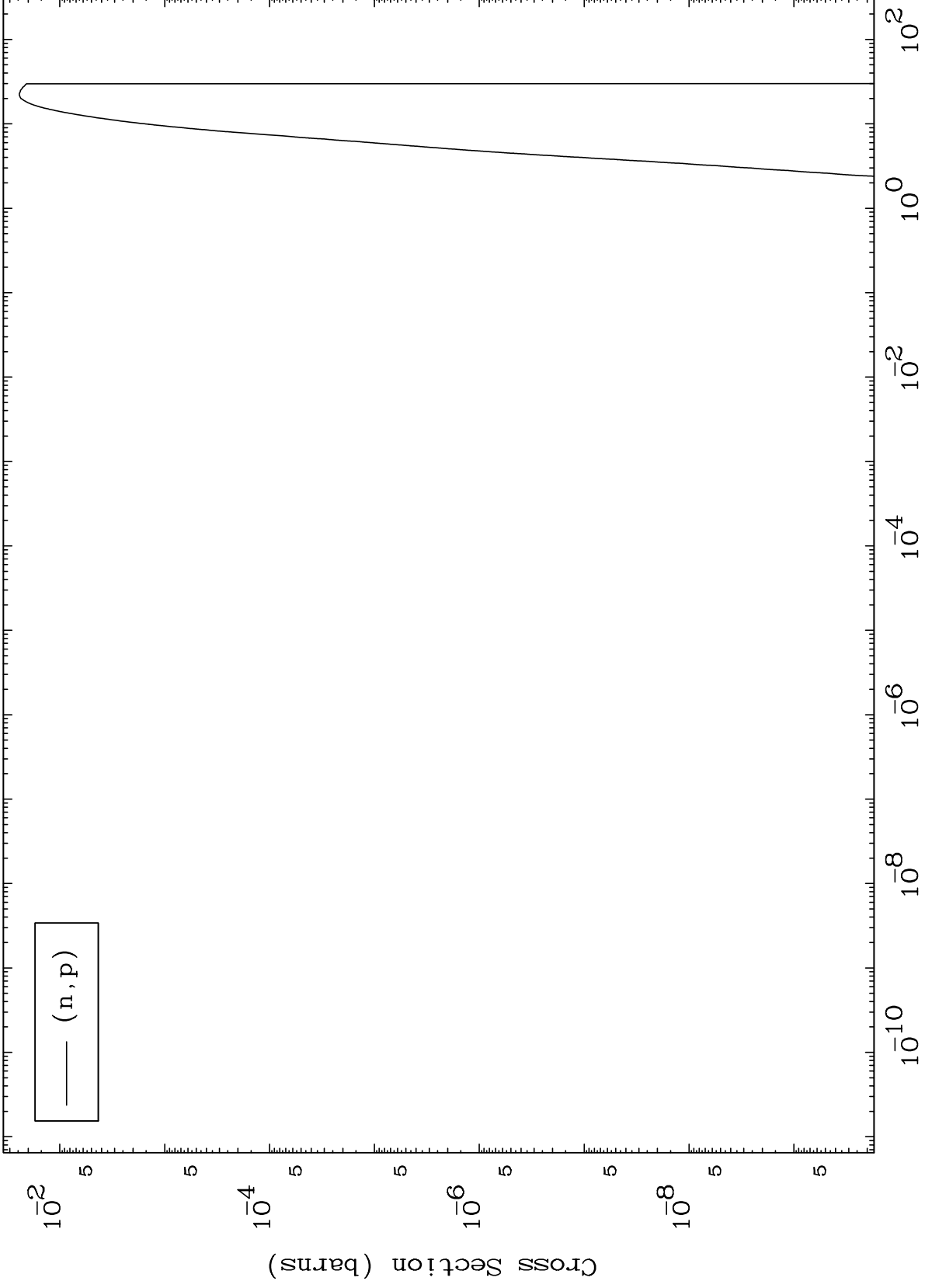
293 Kelvin Cross Sections



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(n,p) Levels
293 Kelvin Cross Sections

53-I -132



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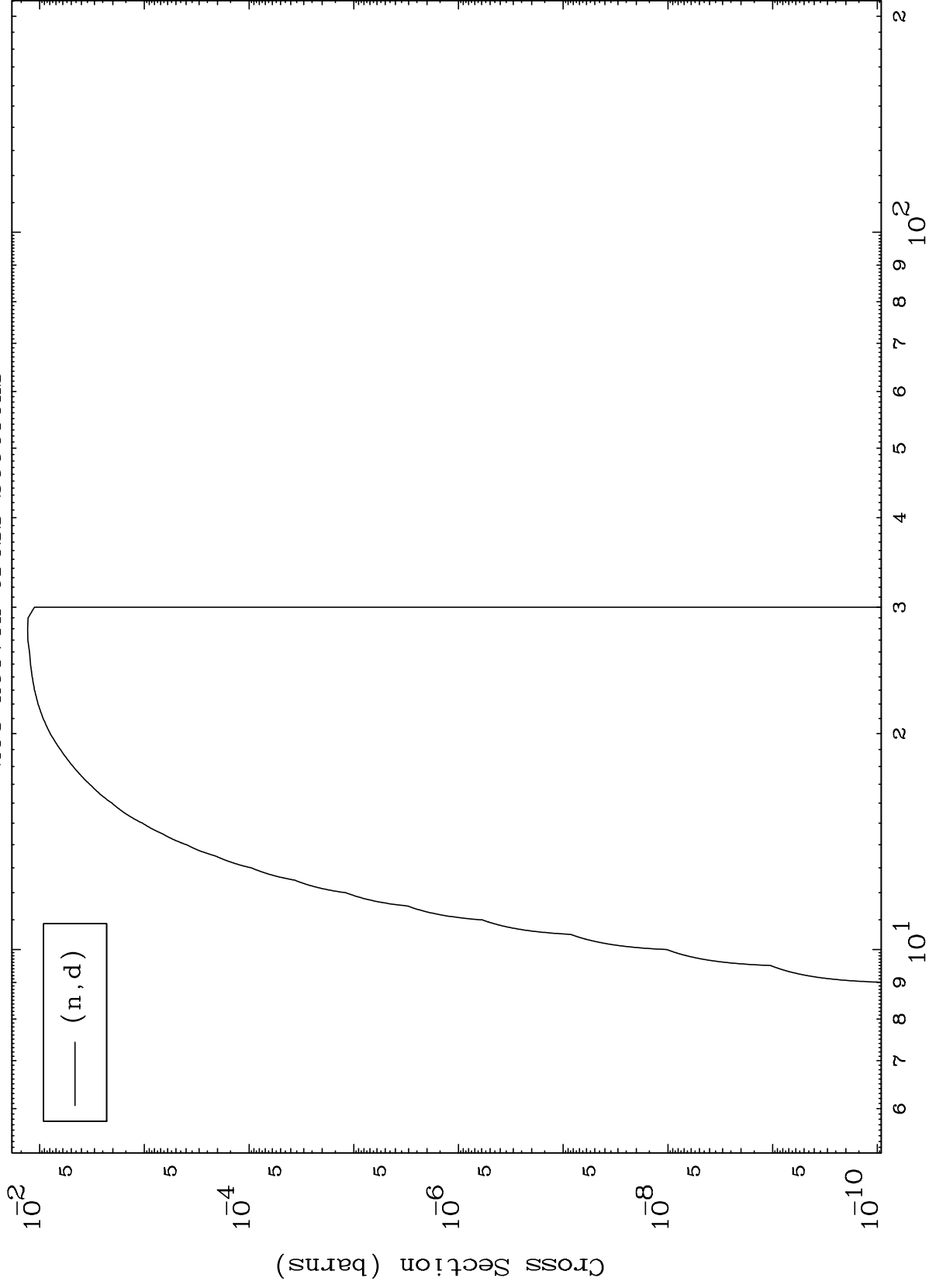
Incident Energy (MeV)

53-I -132

MAT 5341

(n,d) Levels
293 Kelvin Cross Sections

53-I -132



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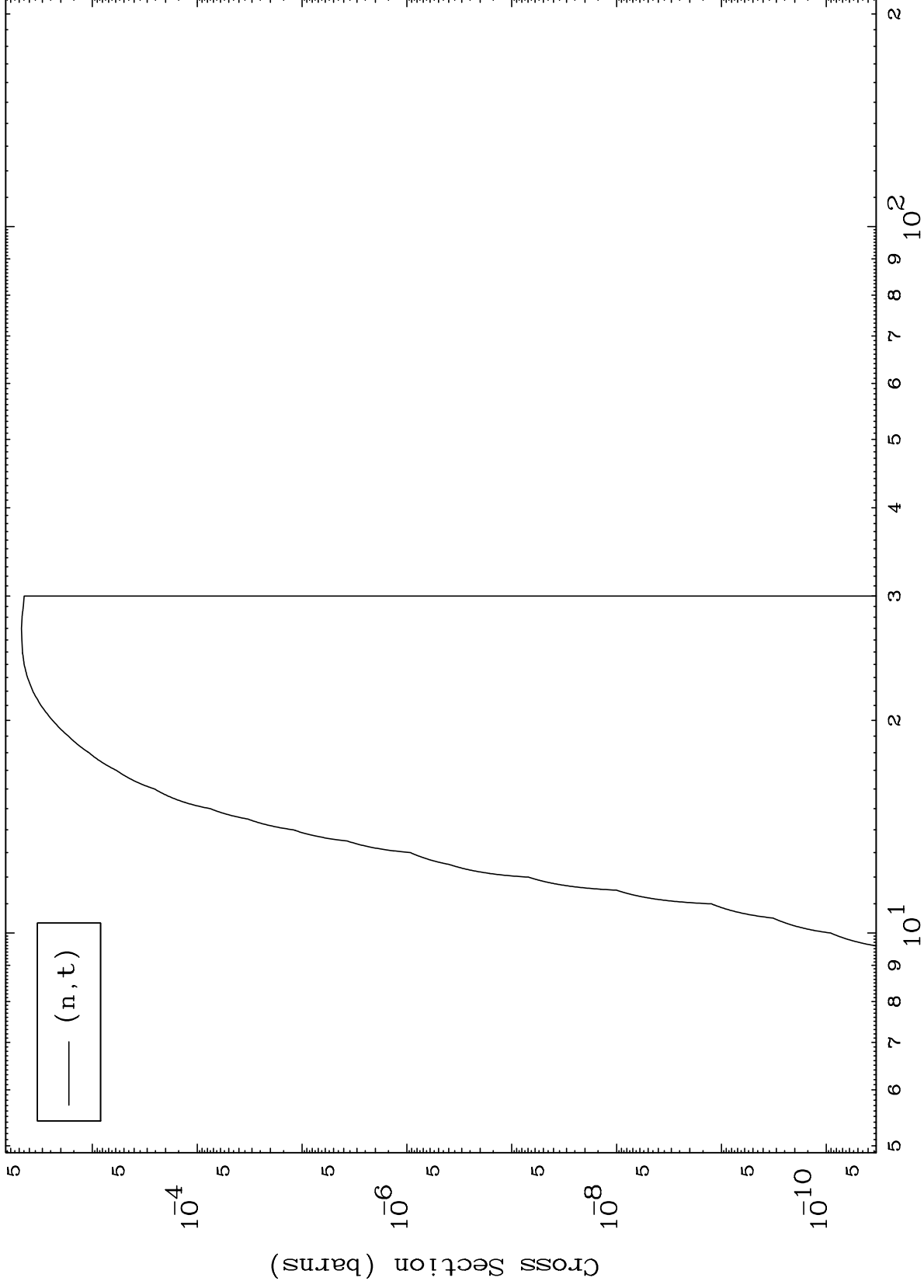
Incident Energy (MeV)

53-I -132

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(n,t) Levels
293 Kelvin Cross Sections

53-I -132



12

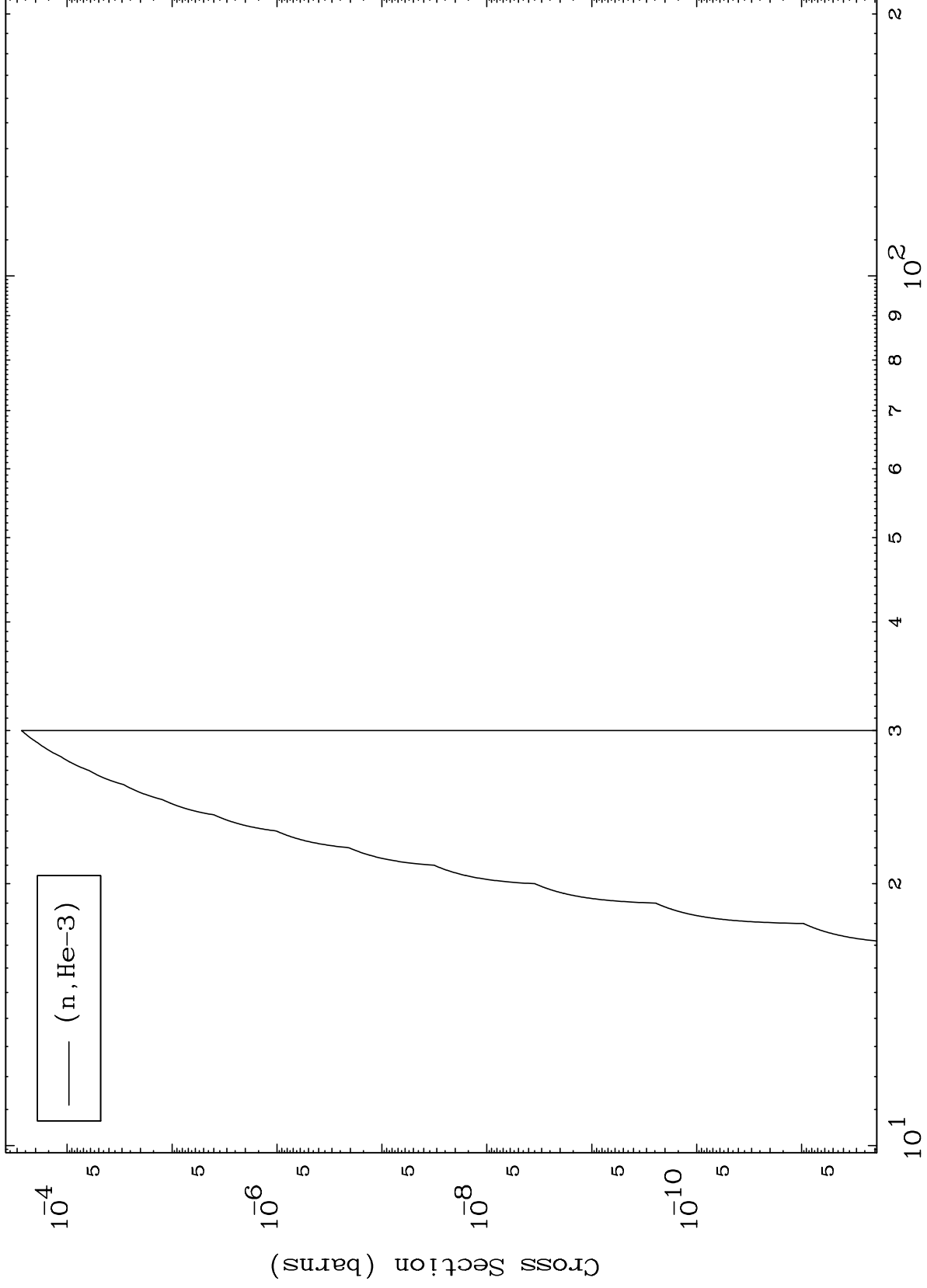
Incident Energy (MeV)

53-I -132

MAT 5341

(n,He3) Levels
293 Kelvin Cross Sections

53-I -132



13

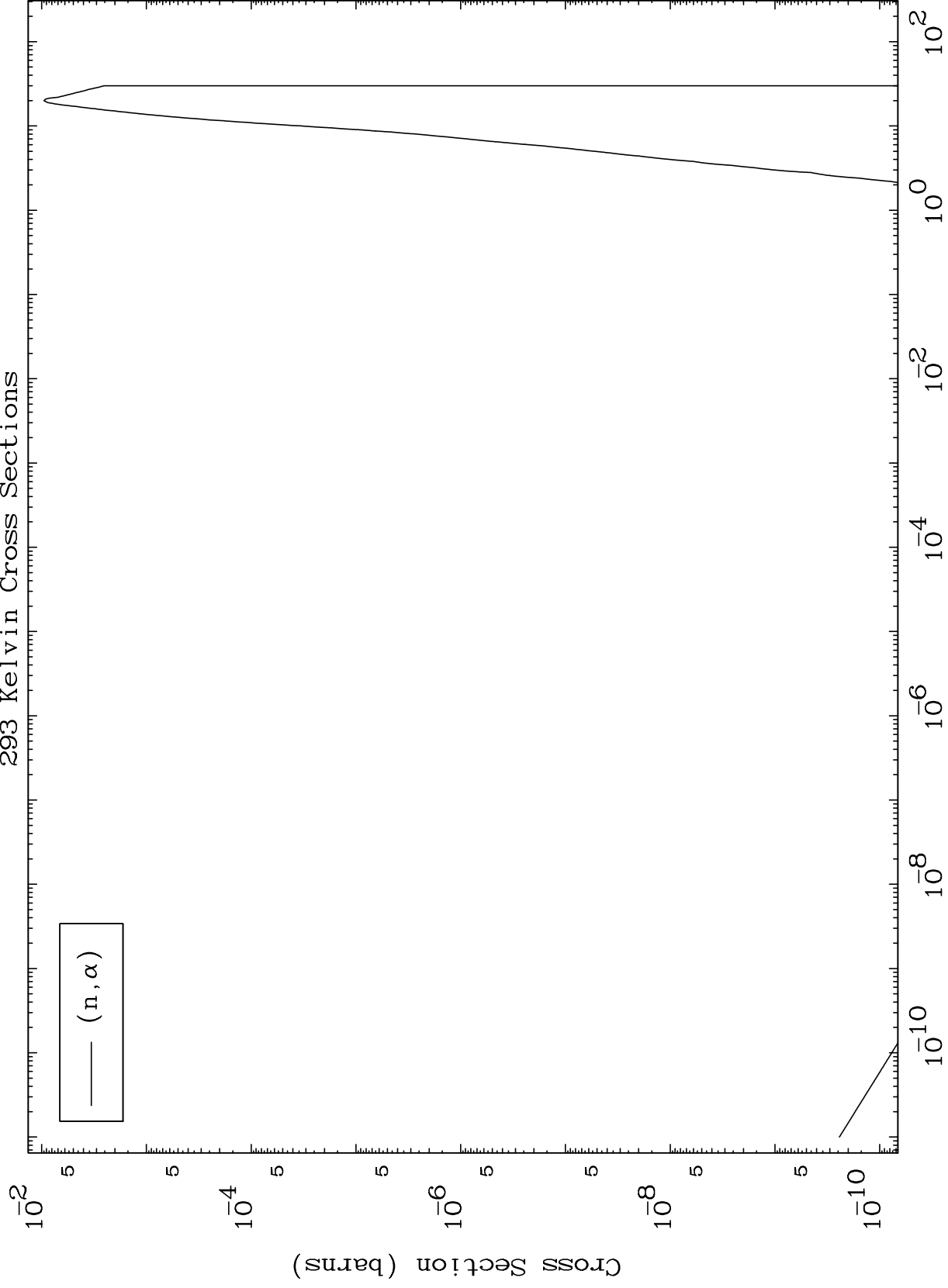
Incident Energy (MeV)

53-I -132

MAT 5341

(n, α) Levels
293 Kelvin Cross Sections

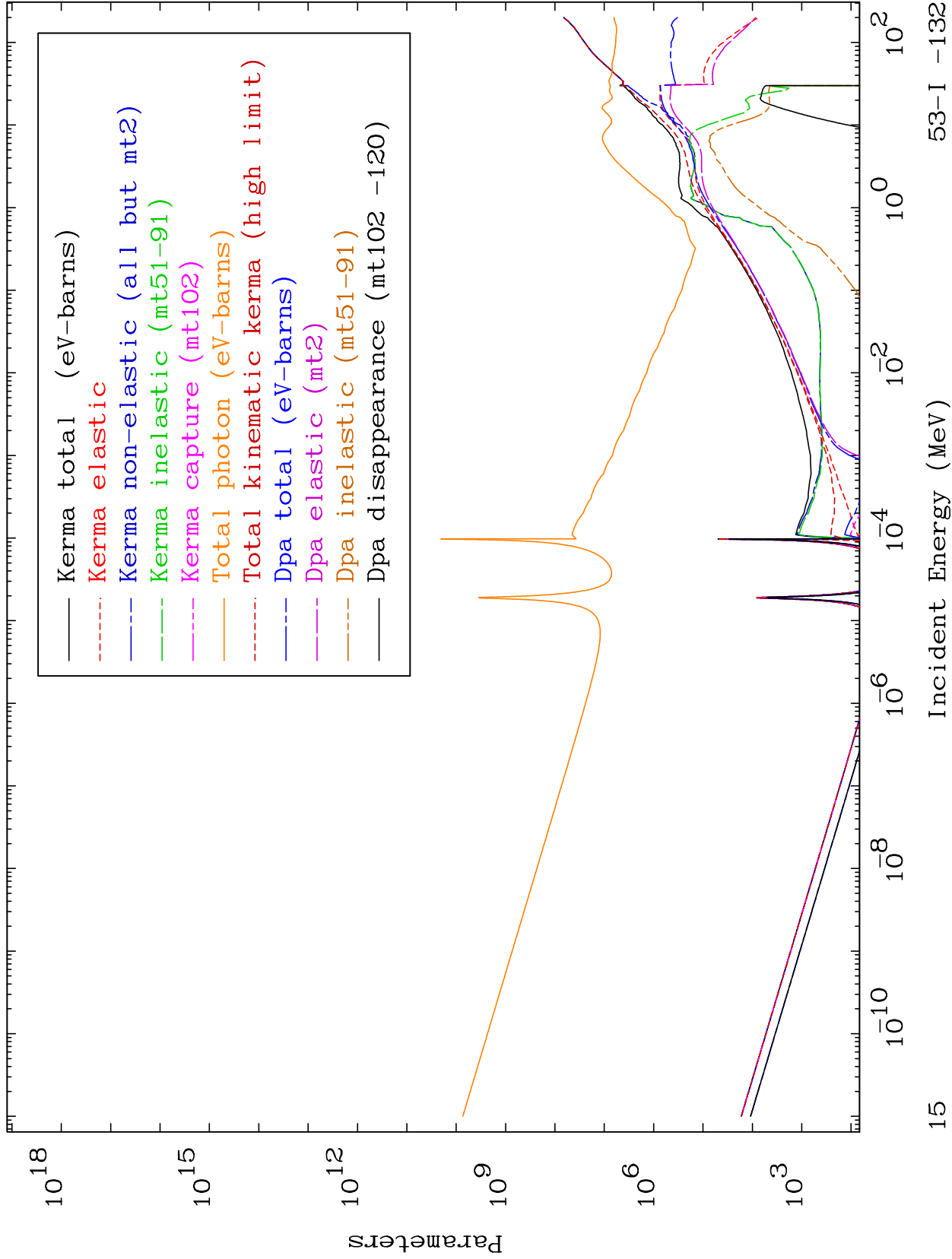
53-I -132



Incident Energy (MeV)

53-I -132

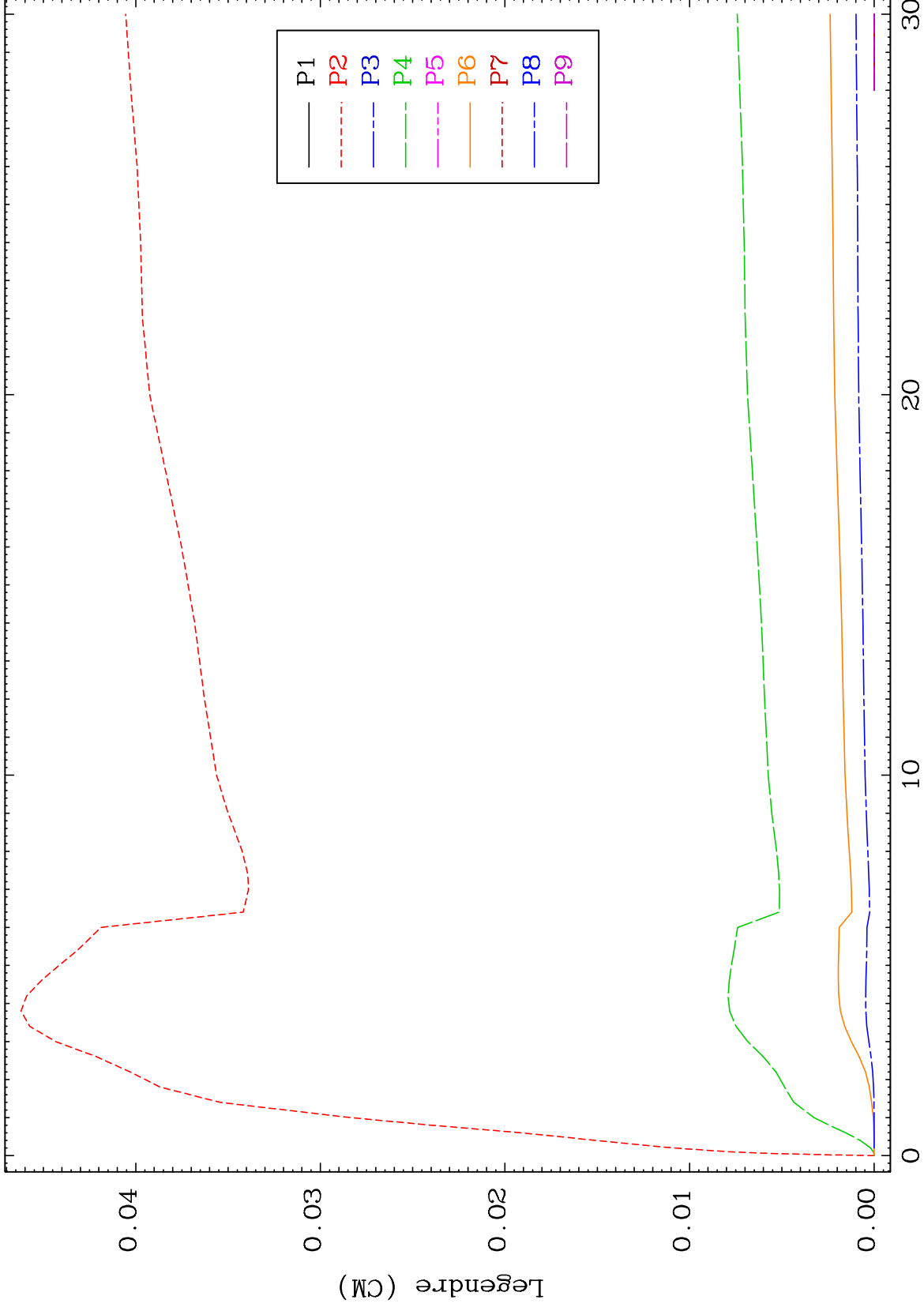
14



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Elastic Legendre Coefficients

53-I -132



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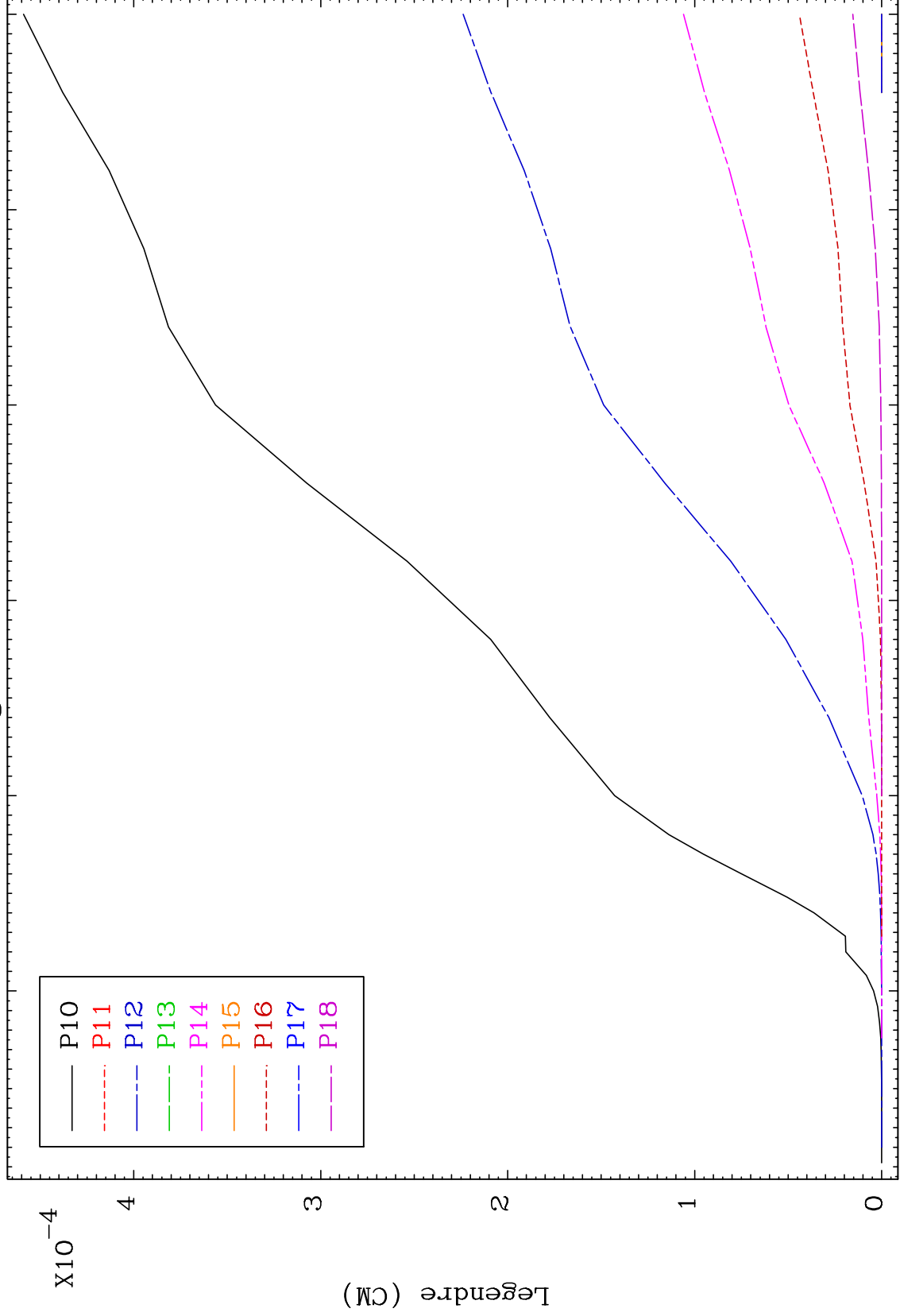
Incident Energy (MeV)

53-I -132

MAT 5341

Elastic Legendre Coefficients

53-I -132



17

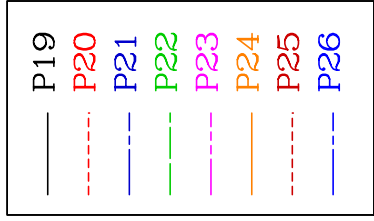
Incident Energy (MeV)

53-I -132

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Elastic Legendre Coefficients

53-I -132



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



18

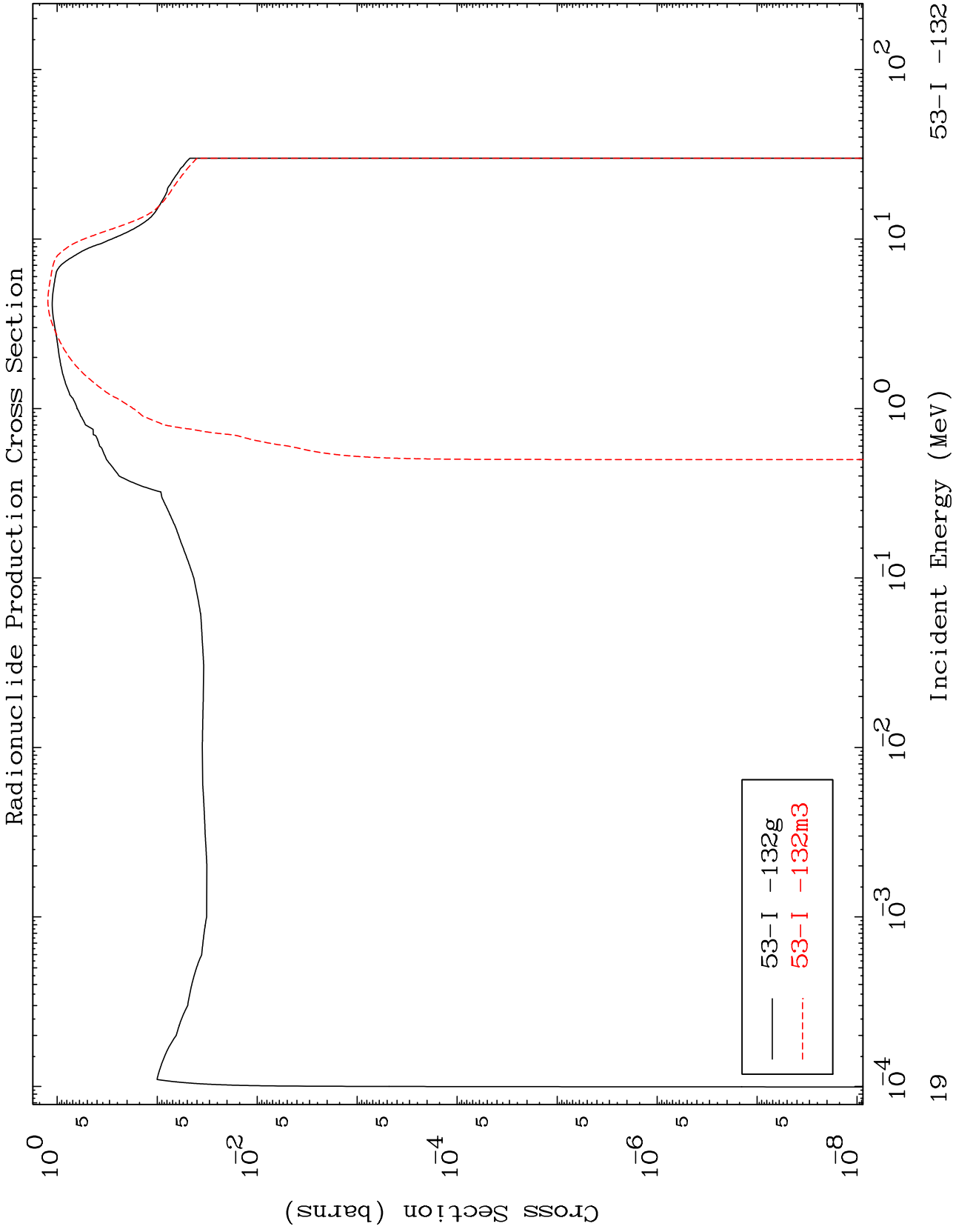
Incident Energy (MeV)

53-I -132

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53-I -132

Inelastic
Radionuclide Production Cross Section

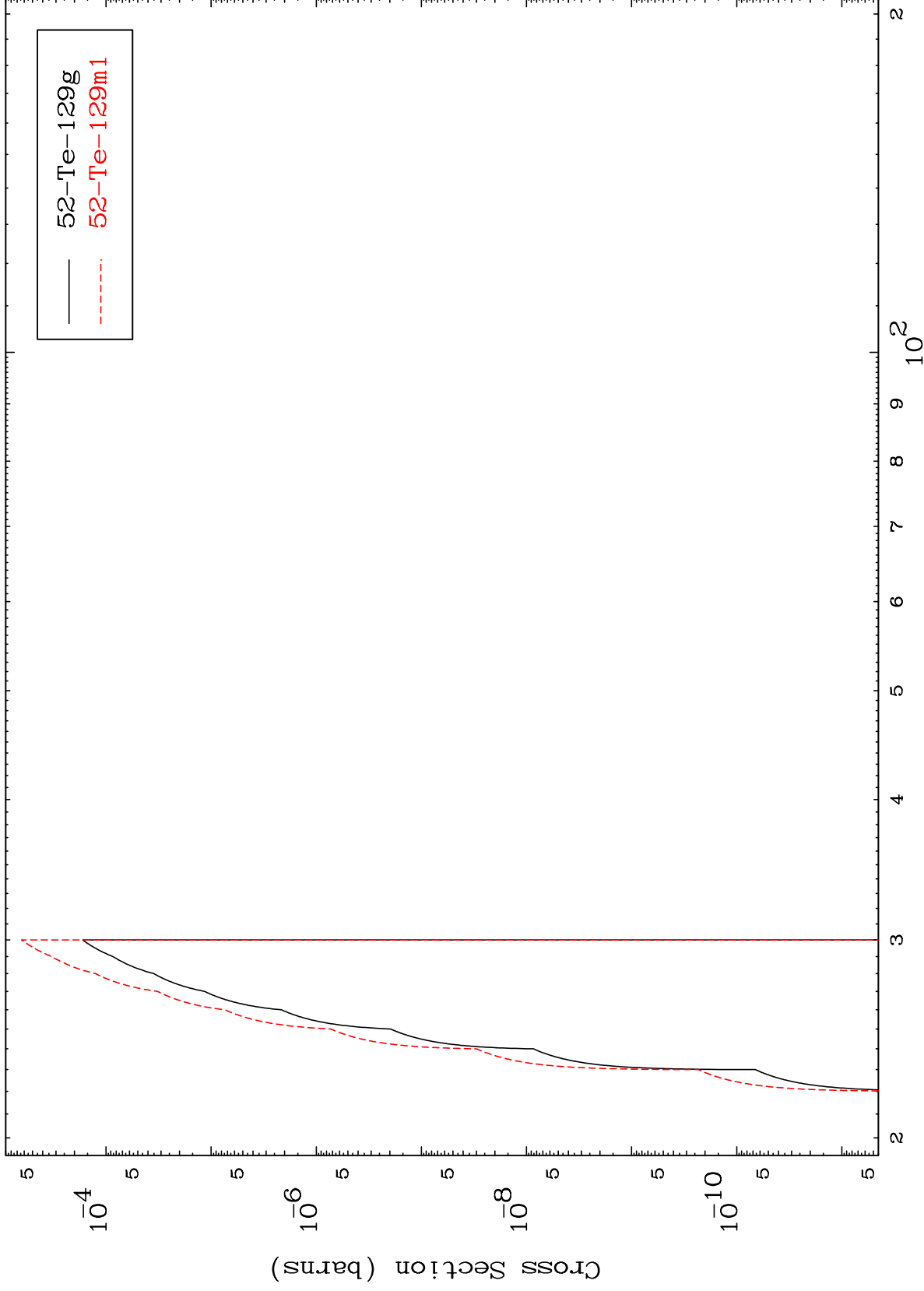


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(n,2n) d

53-I -132

Radionuclide Production Cross Section



20

Incident Energy (MeV)

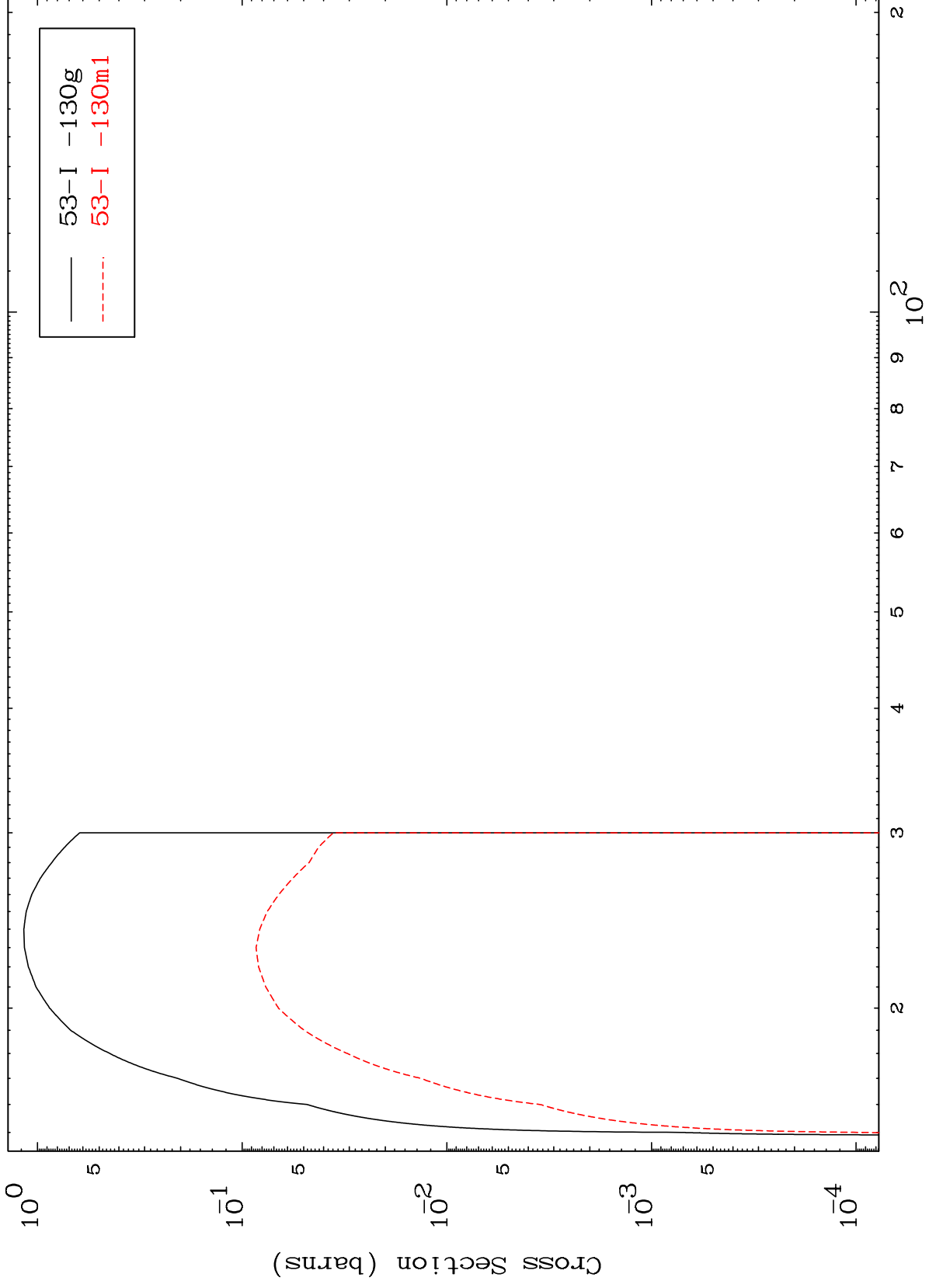
53-I -132

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(n,3n)

53-I -132

Radionuclide Production Cross Section



21

Incident Energy (MeV)

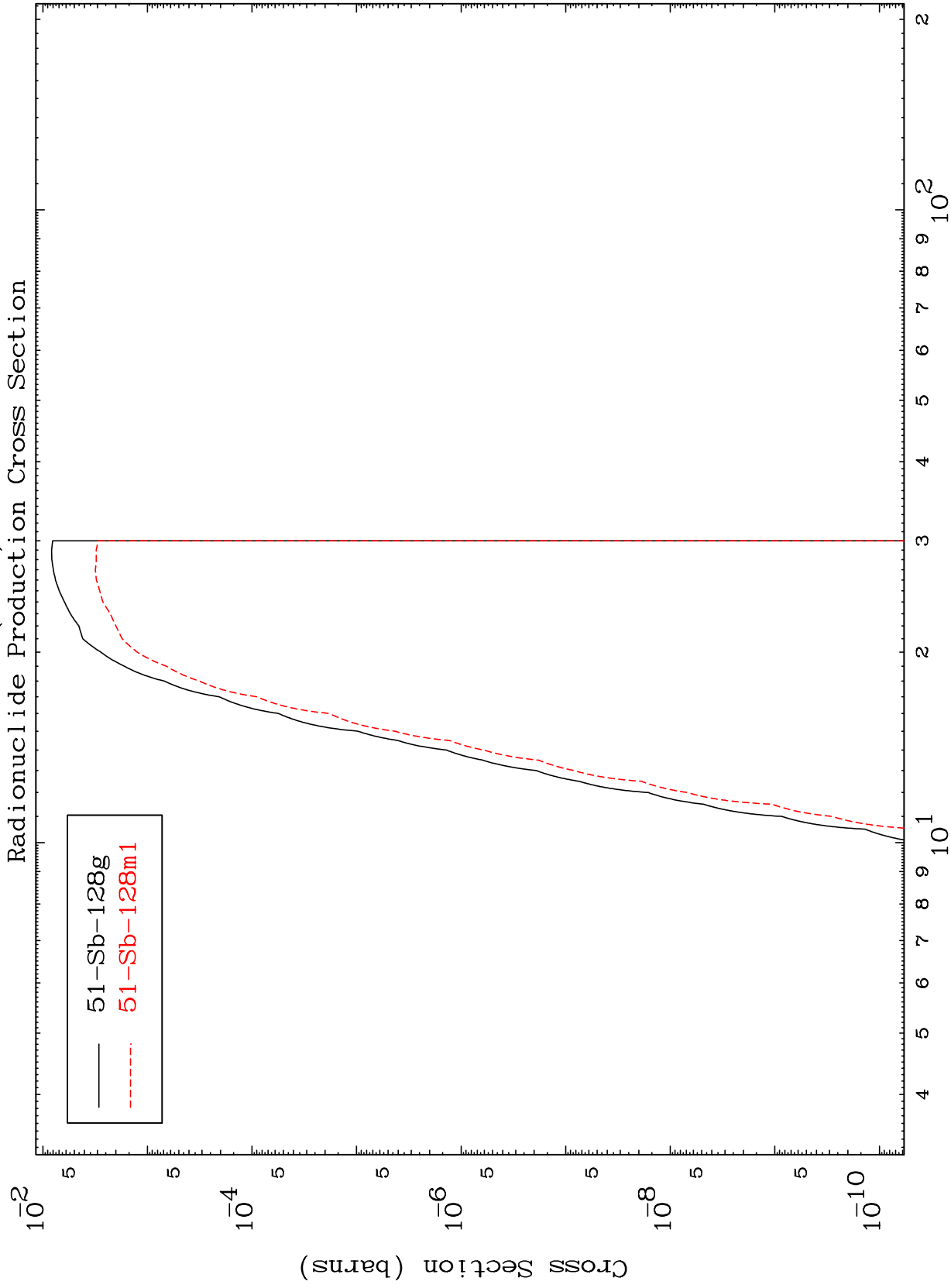
53-I -132

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(n,n') α

53-I -132

Radionuclide Production Cross Section

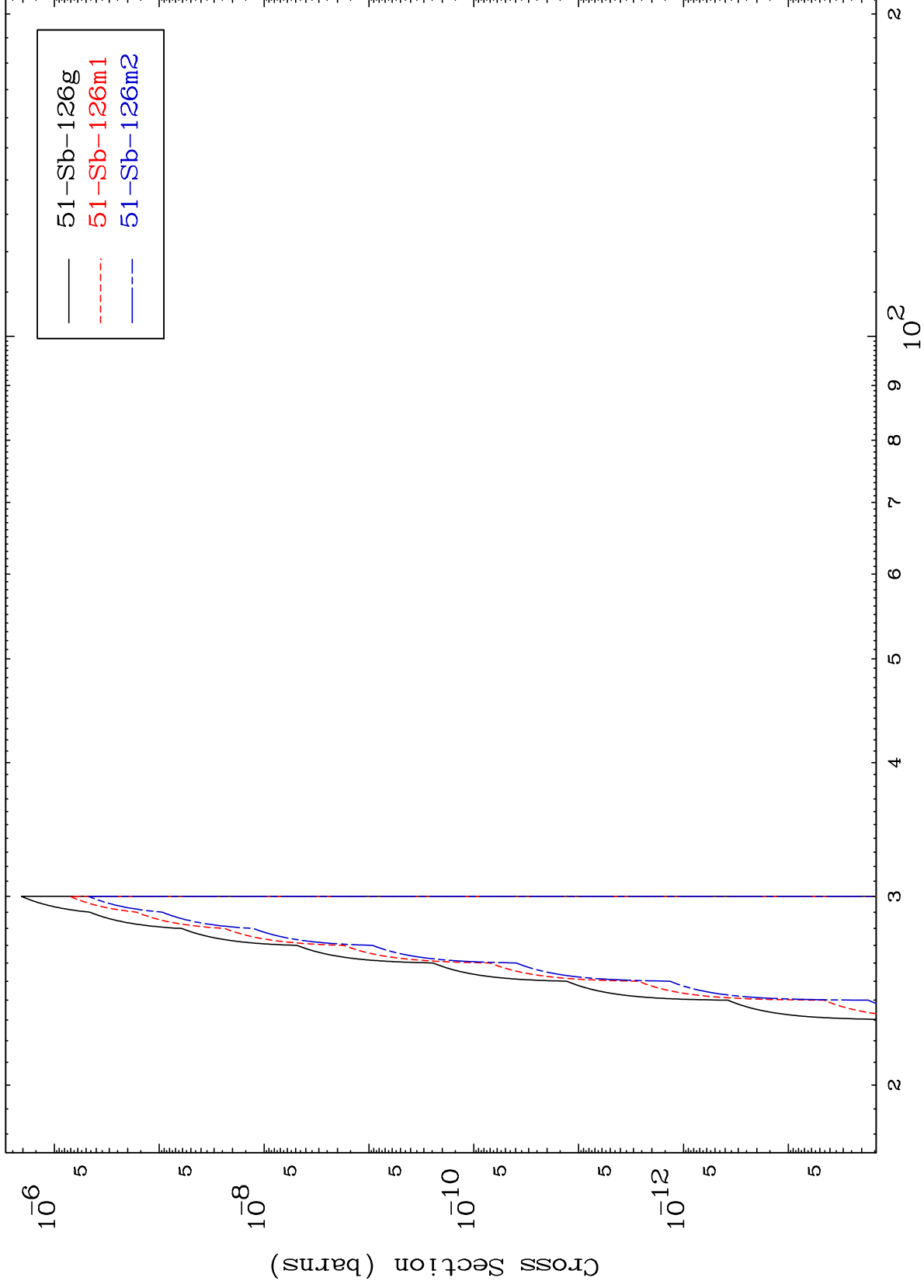


Incident Energy (MeV)

53-I -132

22

Radionuclide Production Cross Section

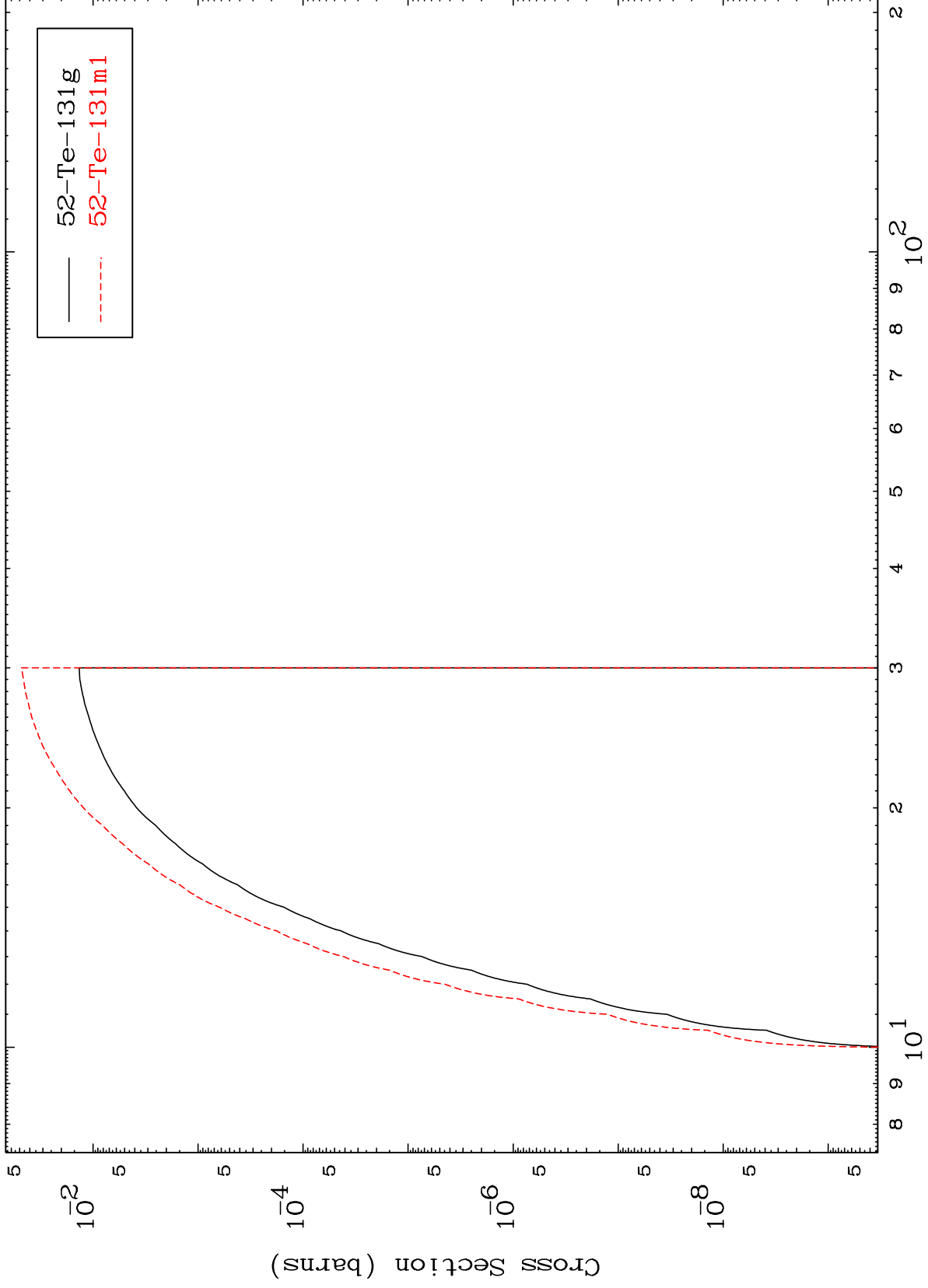


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(n,n') p

53-I -132

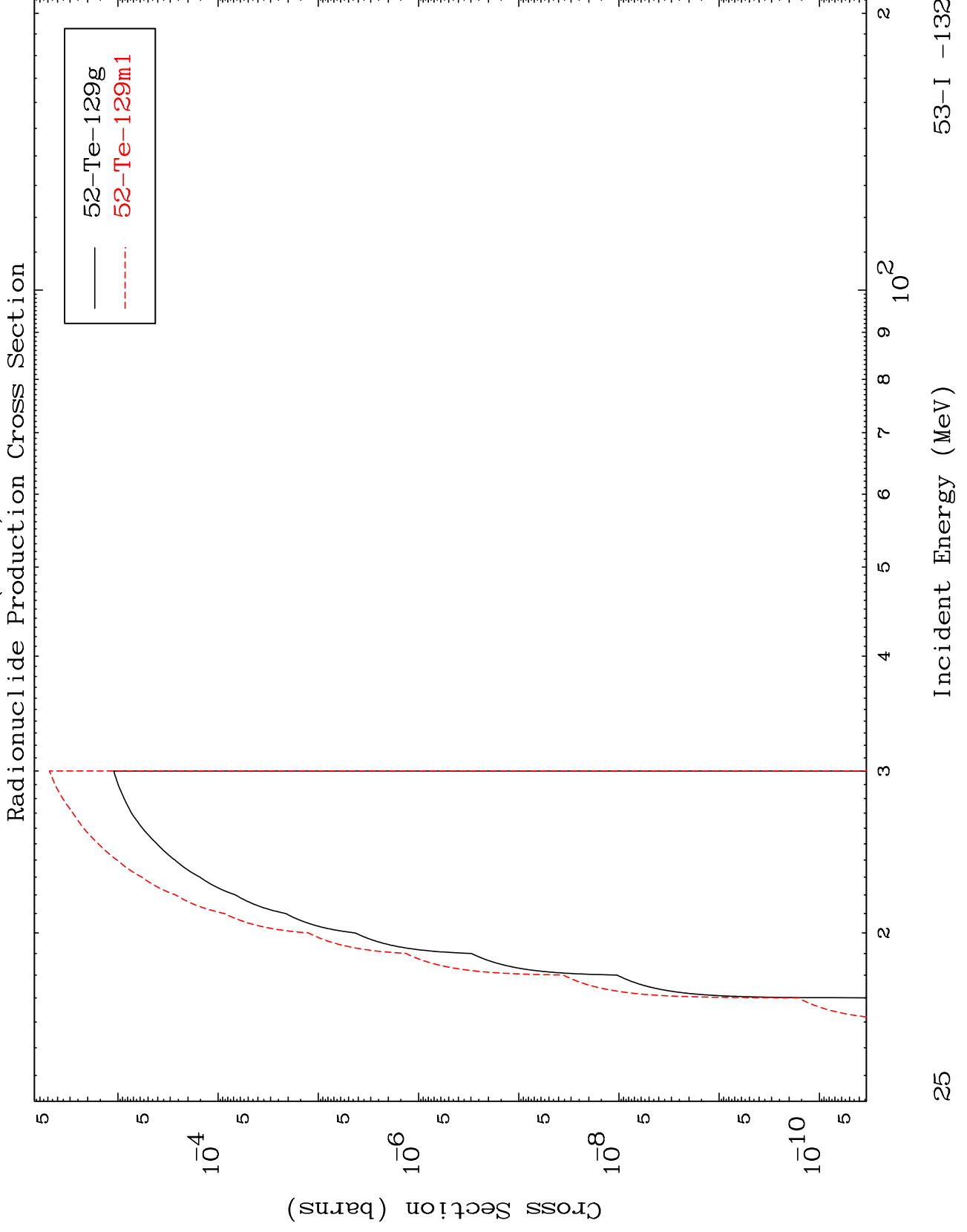
Radionuclide Production Cross Section



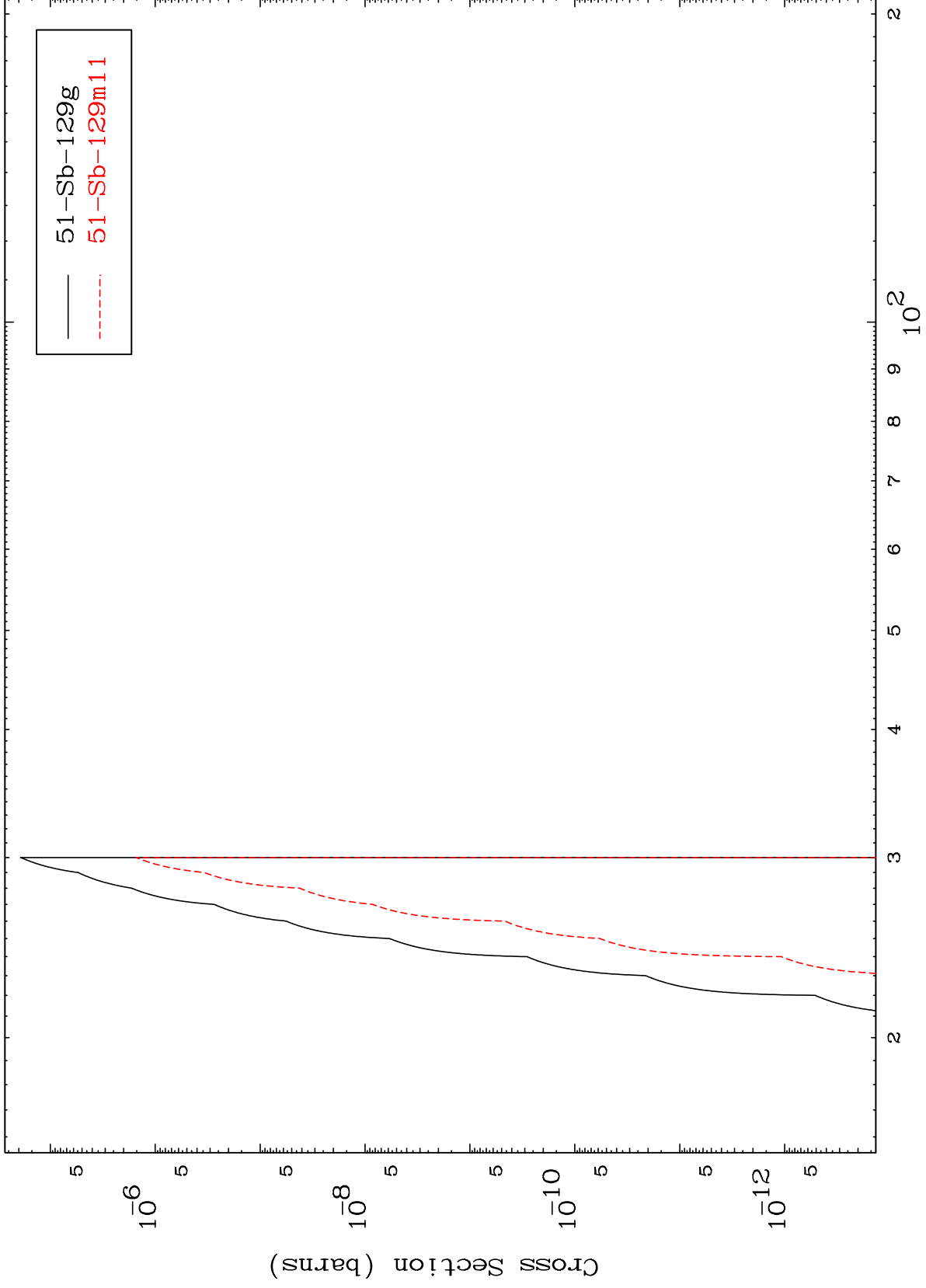
24

Incident Energy (MeV)

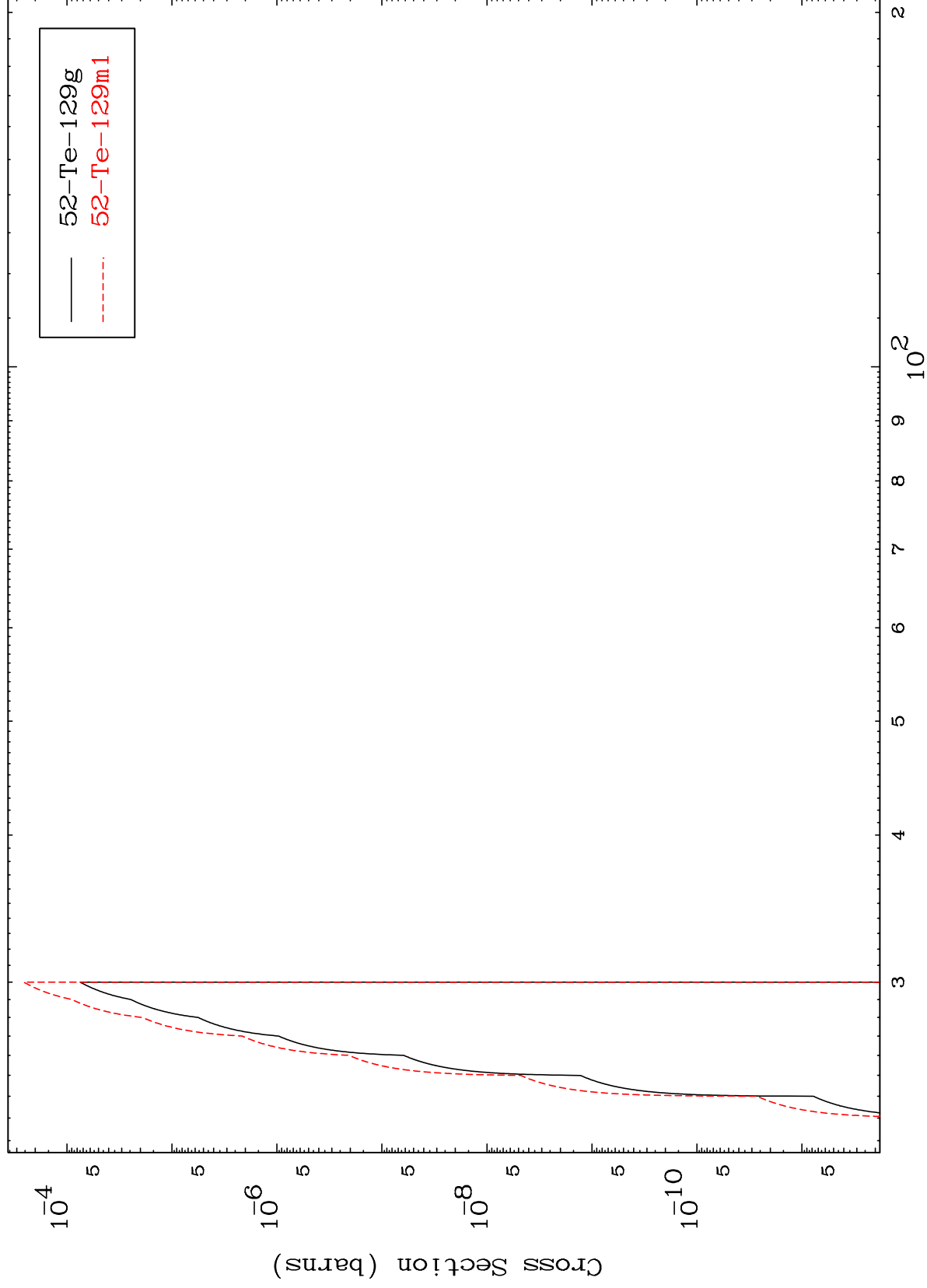
53-I -132



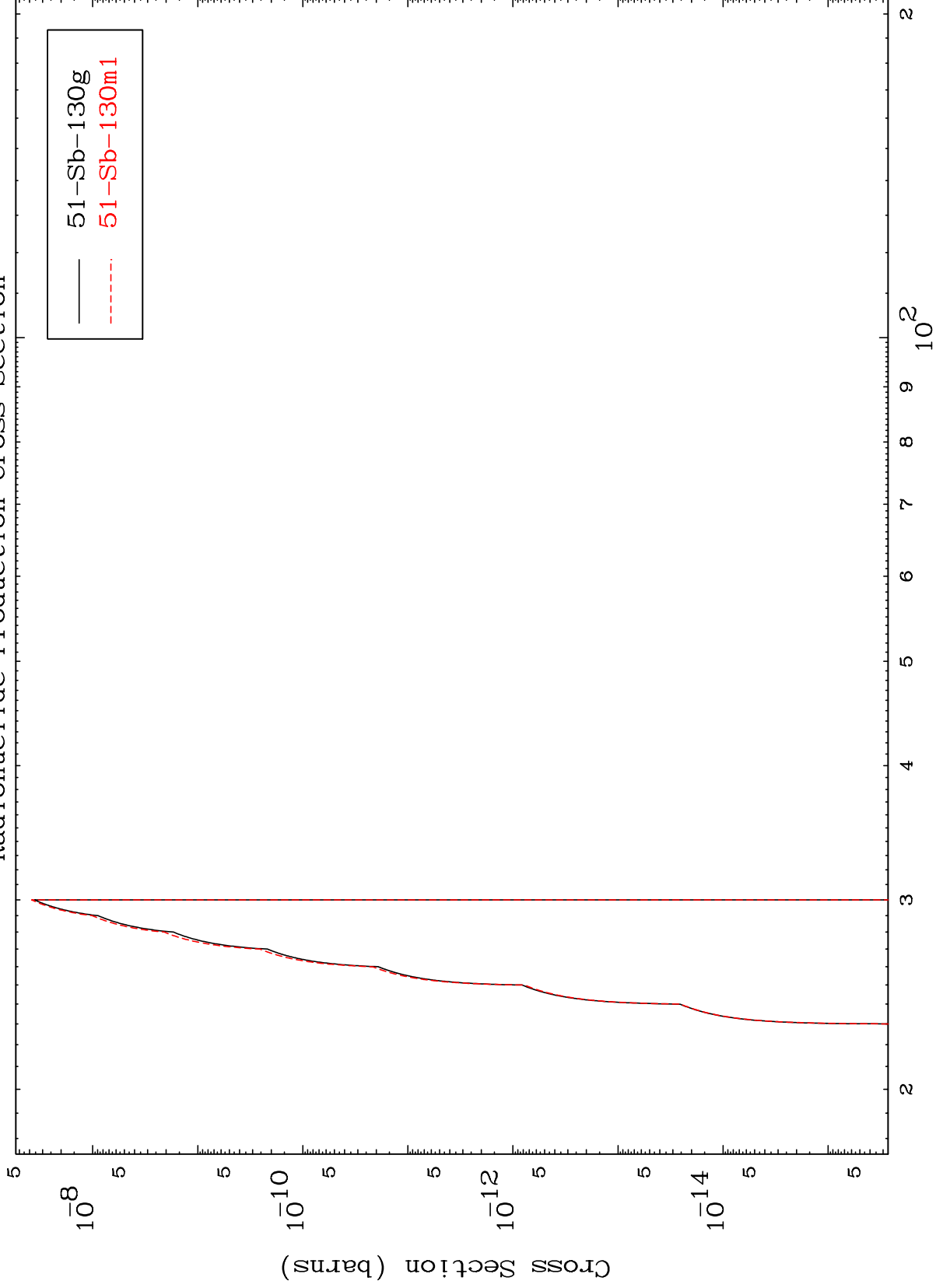
Radionuclide Production Cross Section



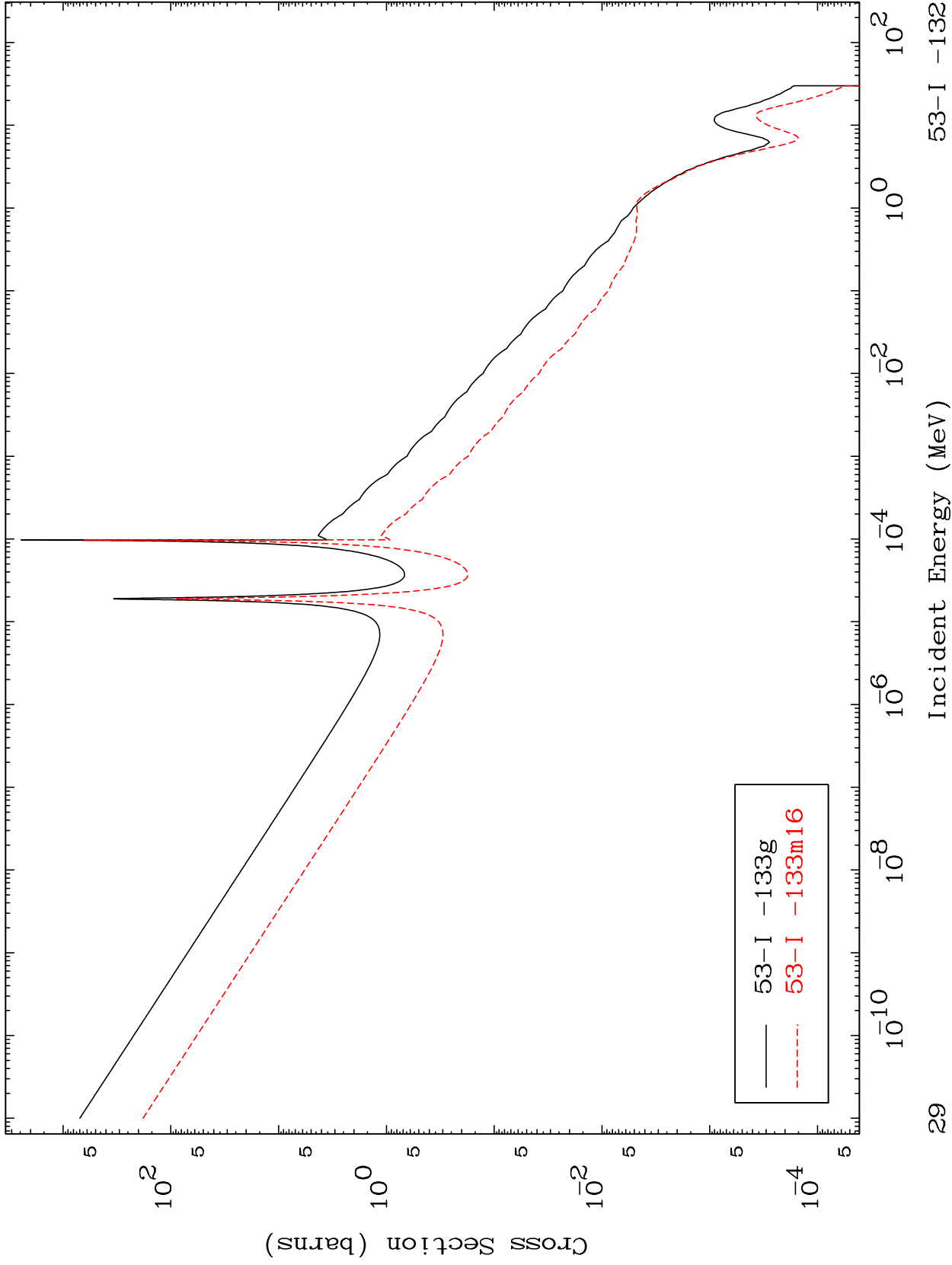
(n,3n) p
Radionuclide Production Cross Section



Radionuclide Production Cross Section



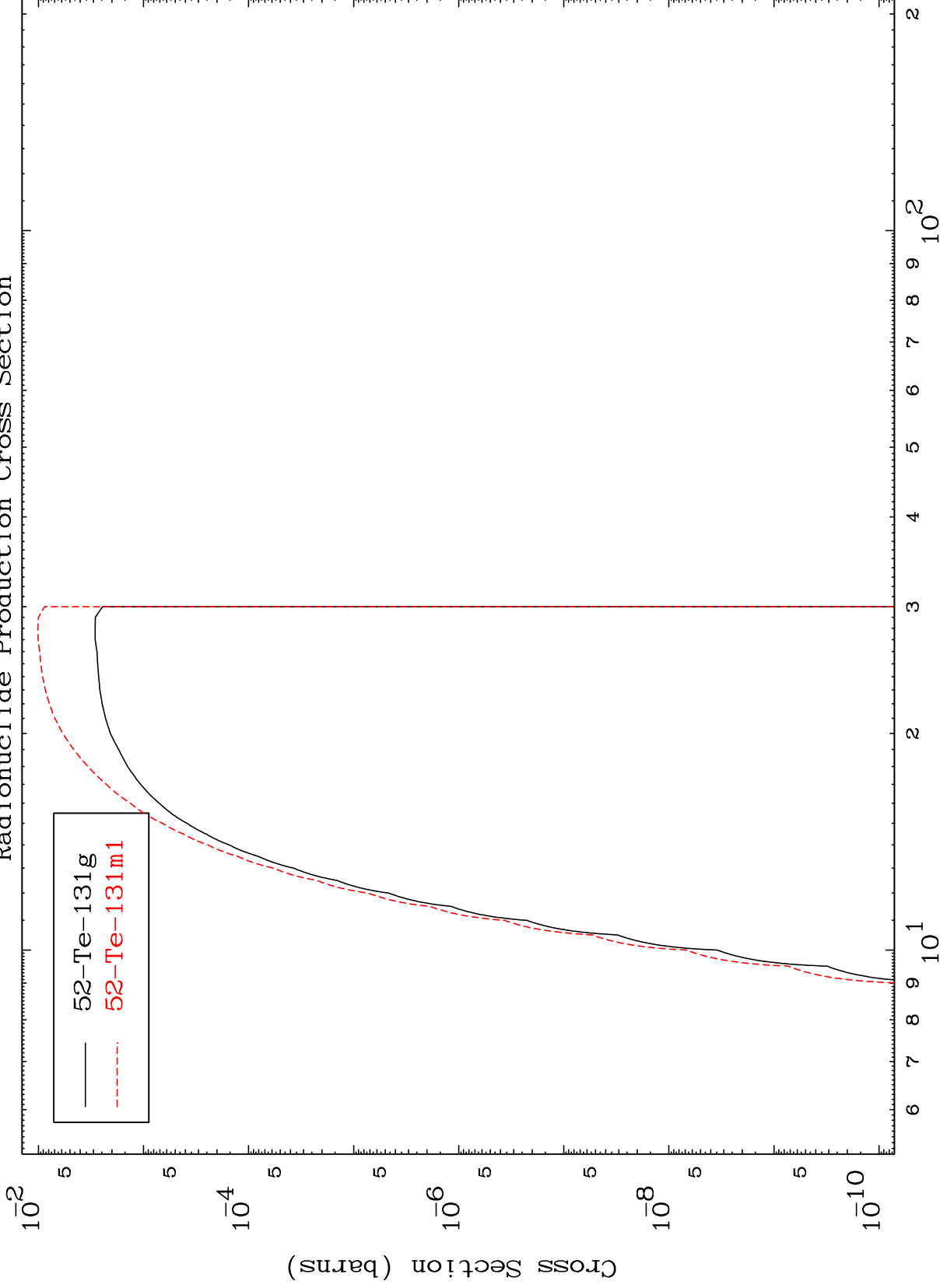
(n,γ)
Radionuclide Production Cross Section



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53-I -132

(n,d)
Radionuclide Production Cross Section



Incident Energy (MeV)

53-I -132

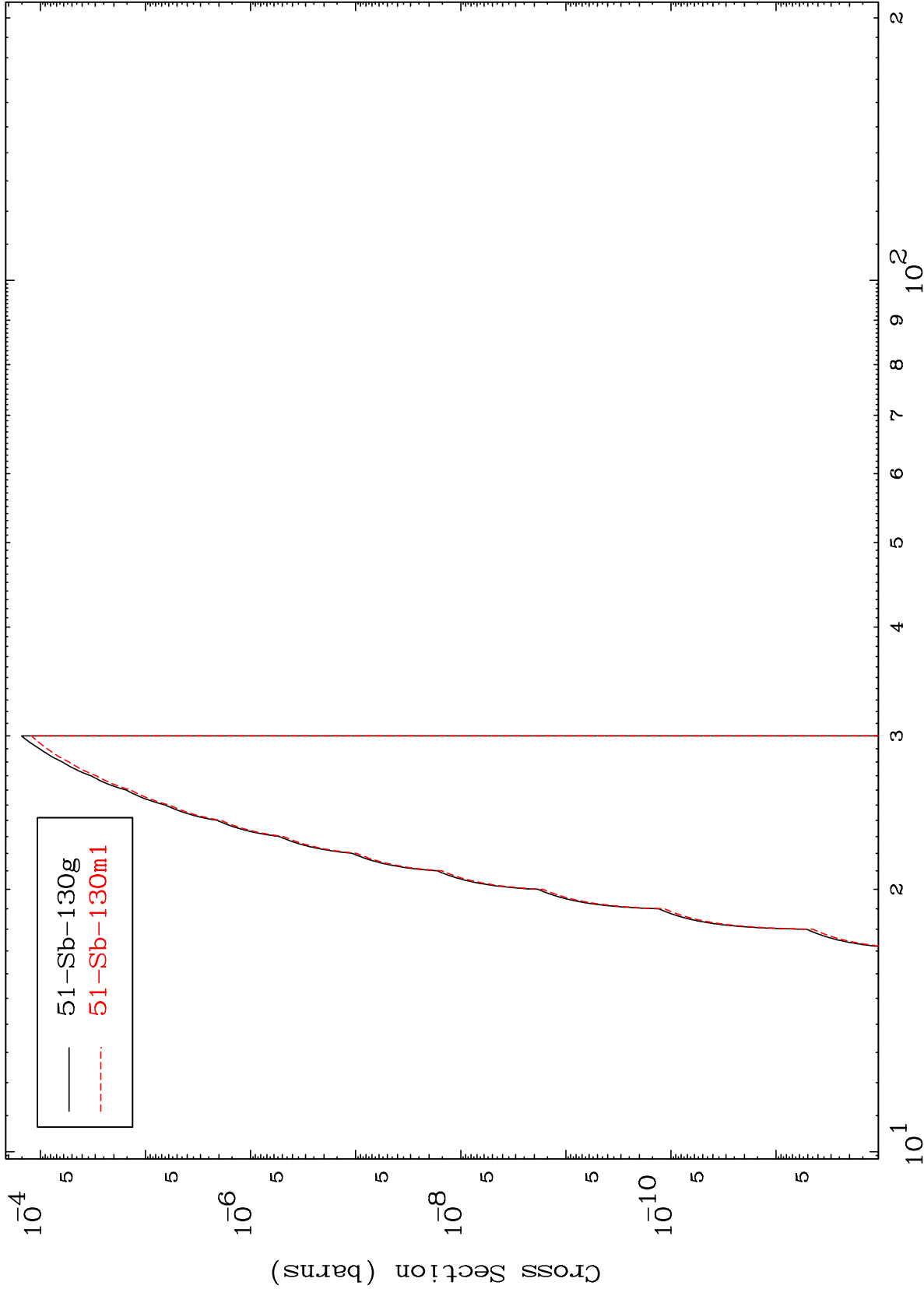
30

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(n,He-3)

53-I -132

Radionuclide Production Cross Section



31

Incident Energy (MeV)

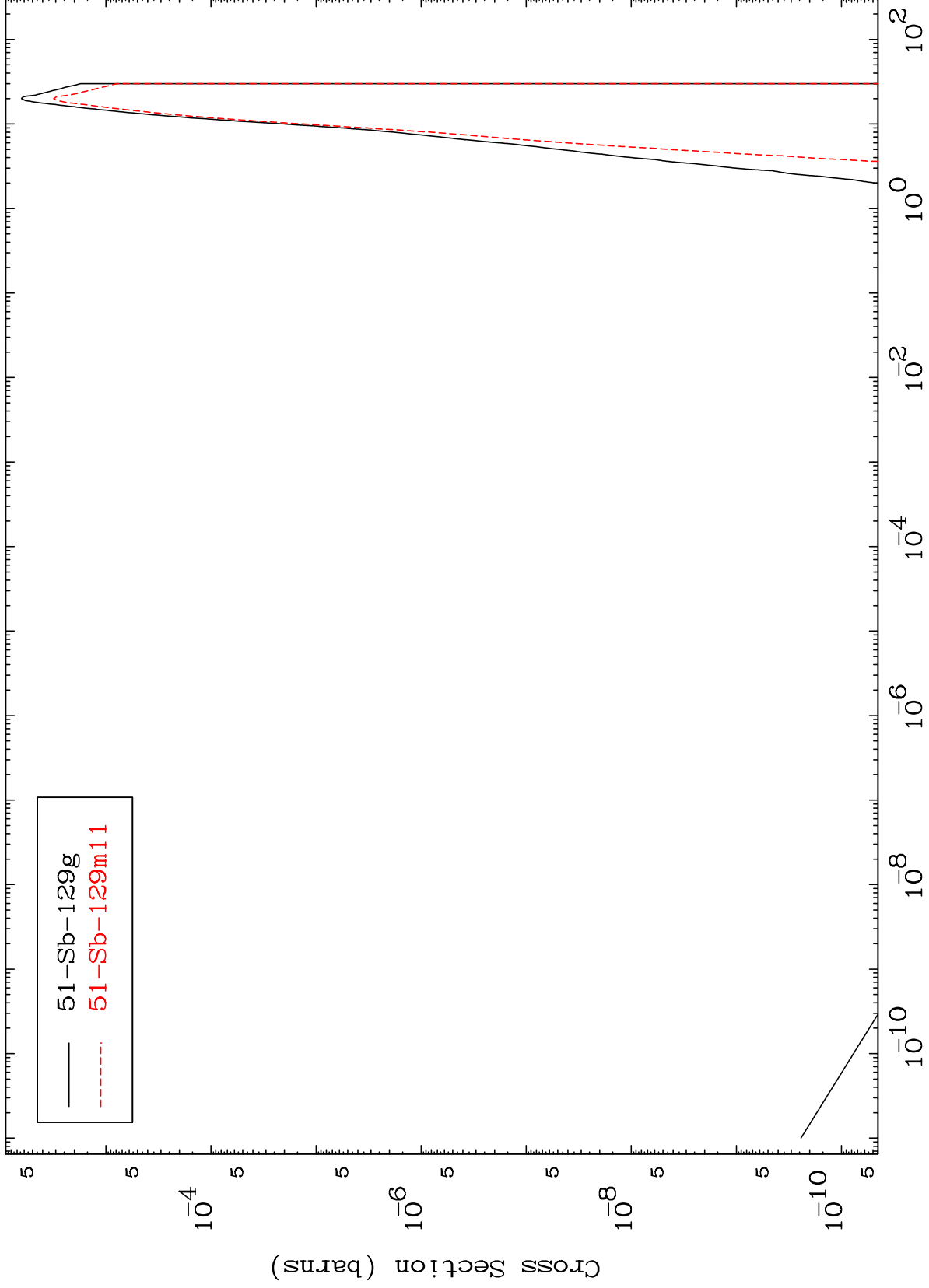
53-I -132

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(n, α)

53-I -132

Radionuclide Production Cross Section



32

Incident Energy (MeV)

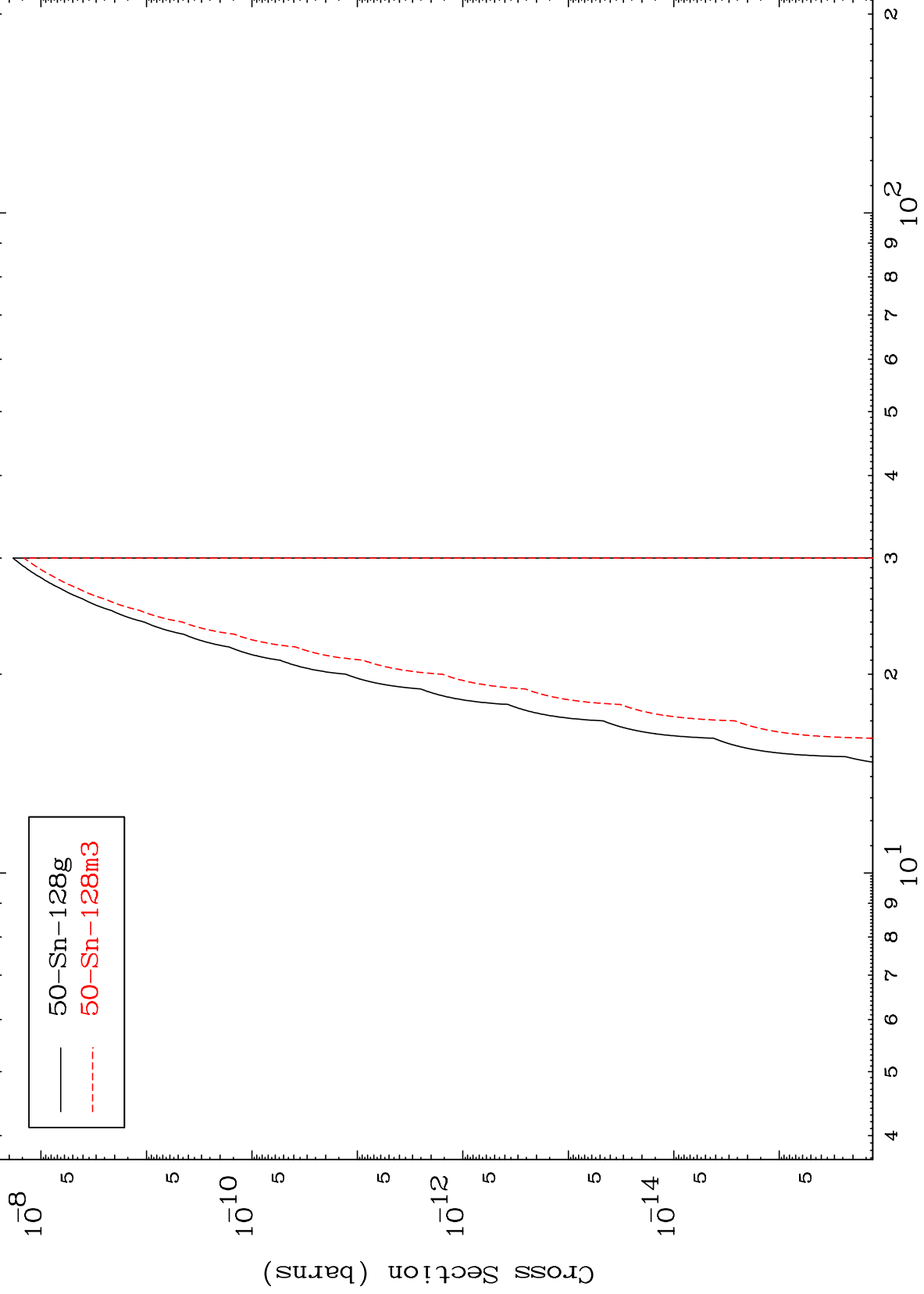
53-I -132

MAT 5341

(n,p) α

53-I -132

Radionuclide Production Cross Section



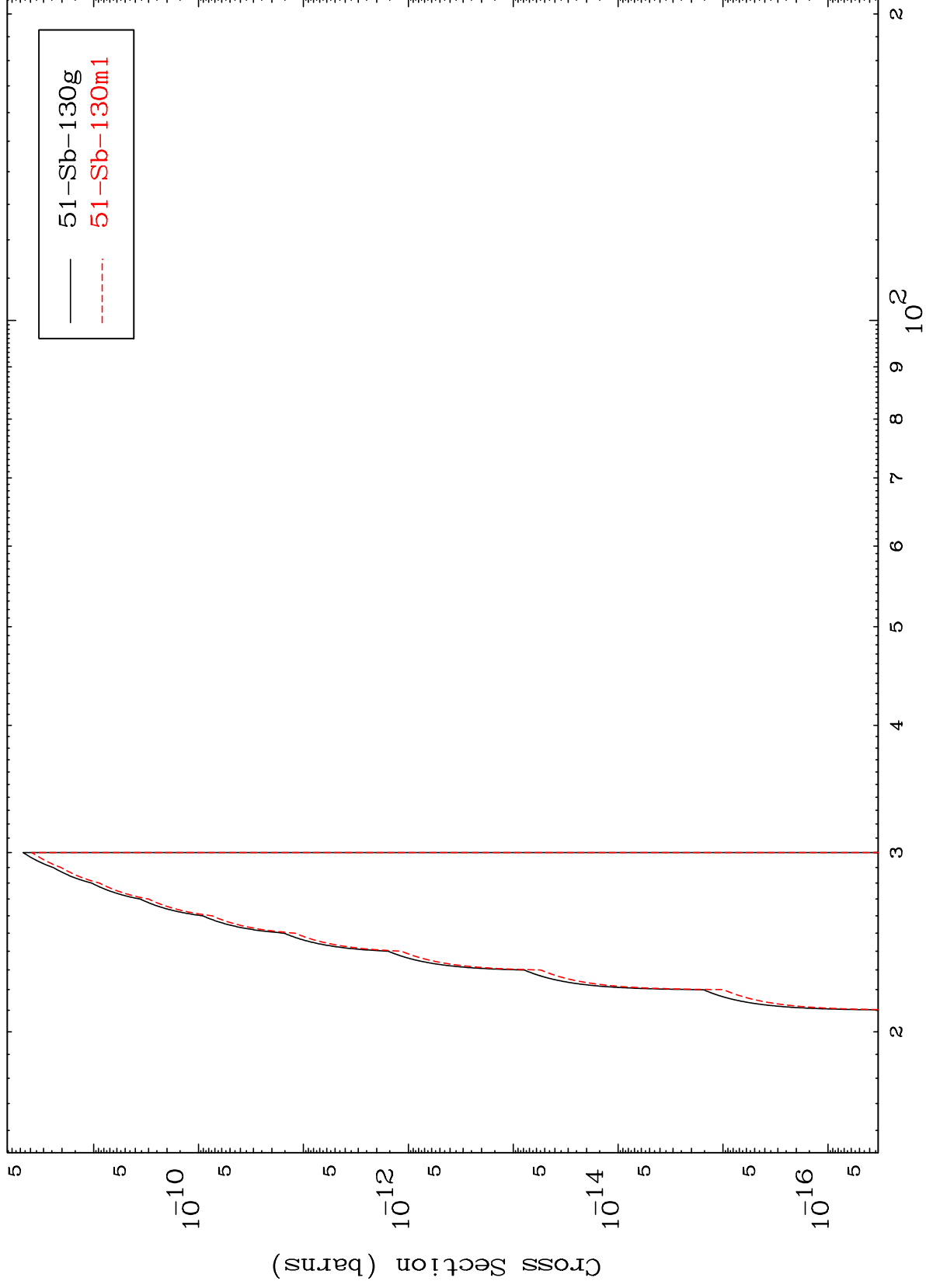
— 50-Sn-128g
- - - 50-Sn-128m3

33

Incident Energy (MeV)

53-I -132

Radionuclide Production Cross Section

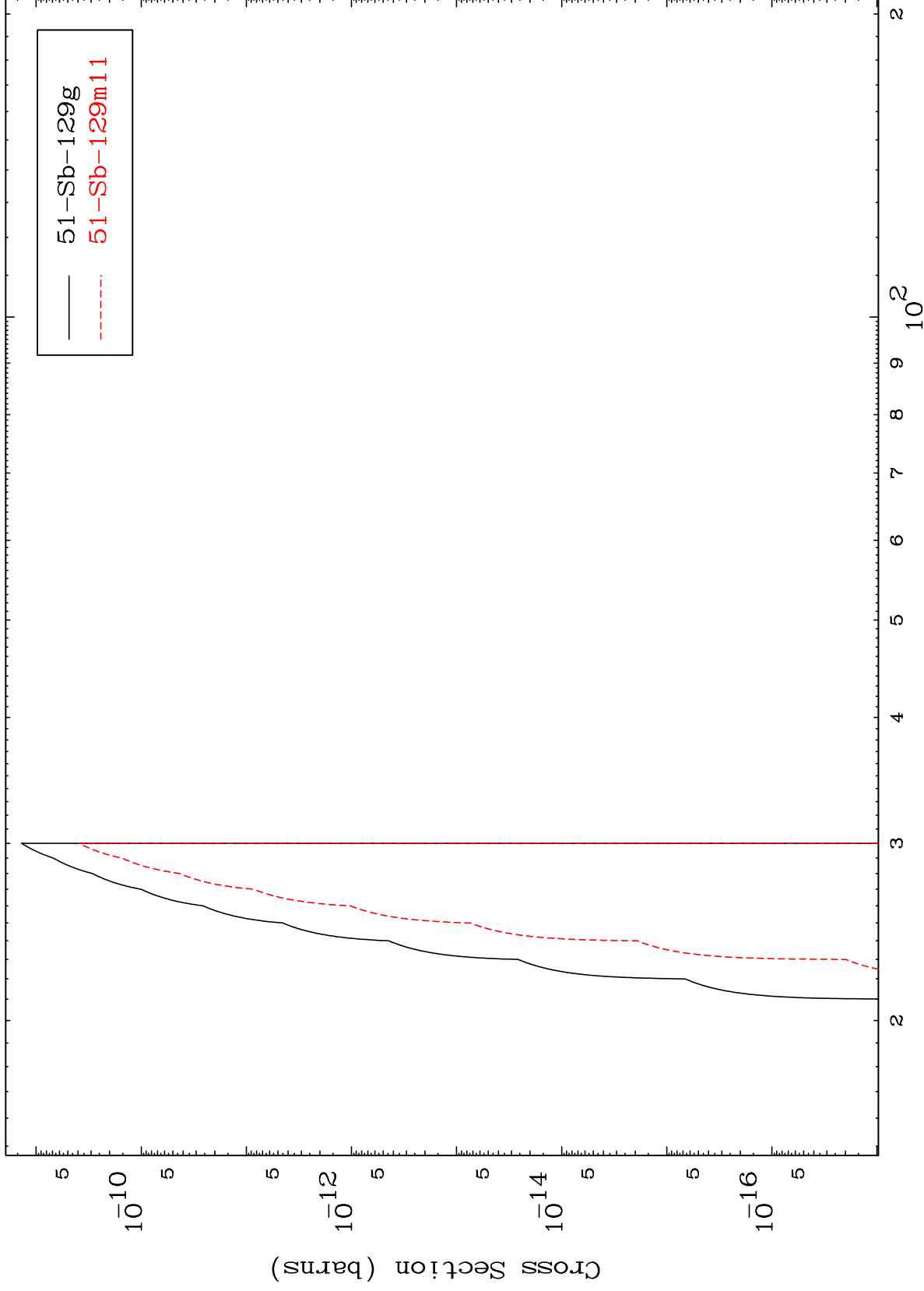


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(n,p) t

53-I -132

Radionuclide Production Cross Section



35

Incident Energy (MeV)

53-I -132