

Program EVALPLOT
(Version 2018-1)

by

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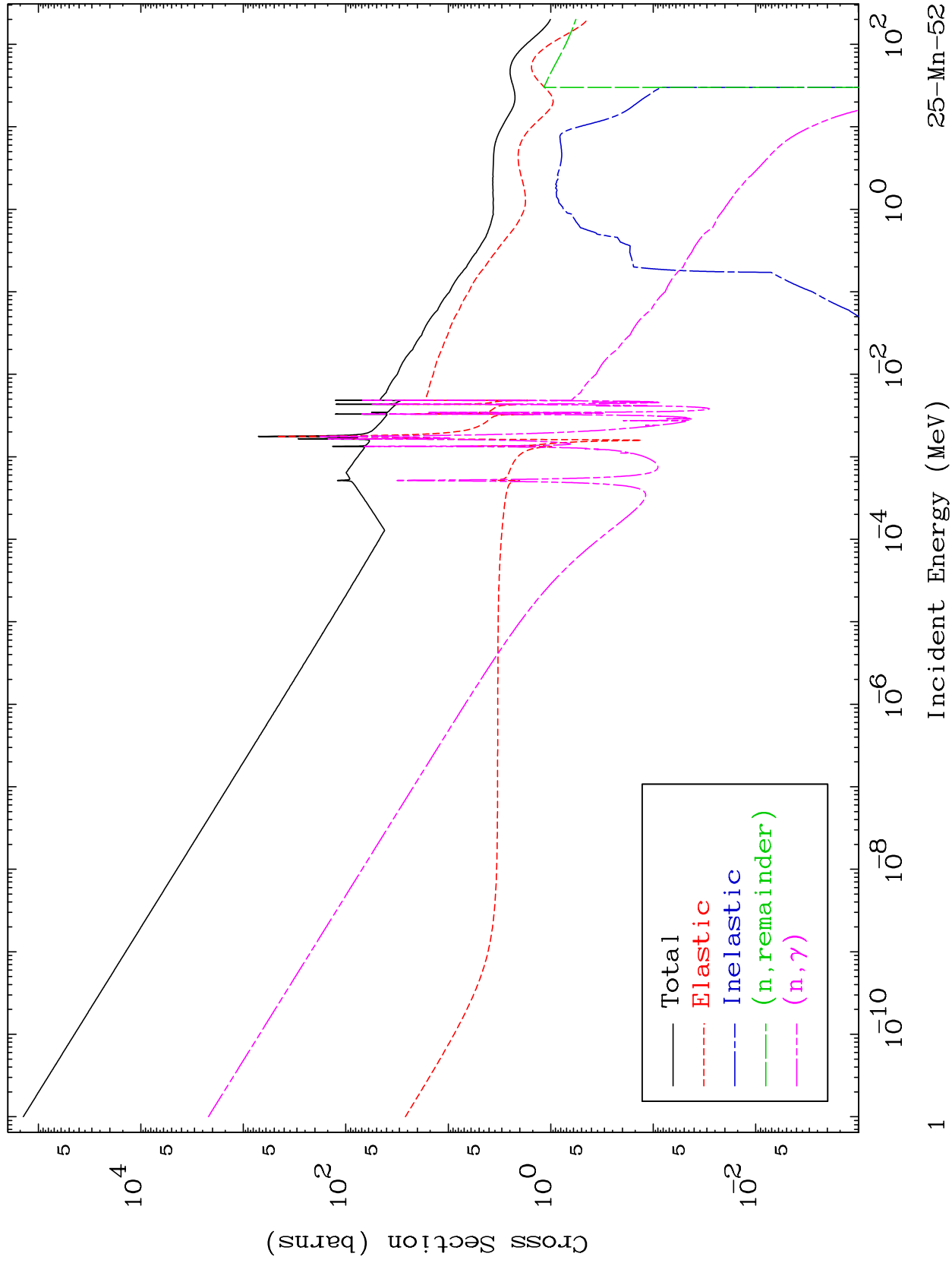
E.Mail:redcullen1@comcast.net
Web:redcullen1.net/HOMEPAGE.NEW

Press Mouse Button to Start

MAT 2517

Major
293 Kelvin Cross Sections

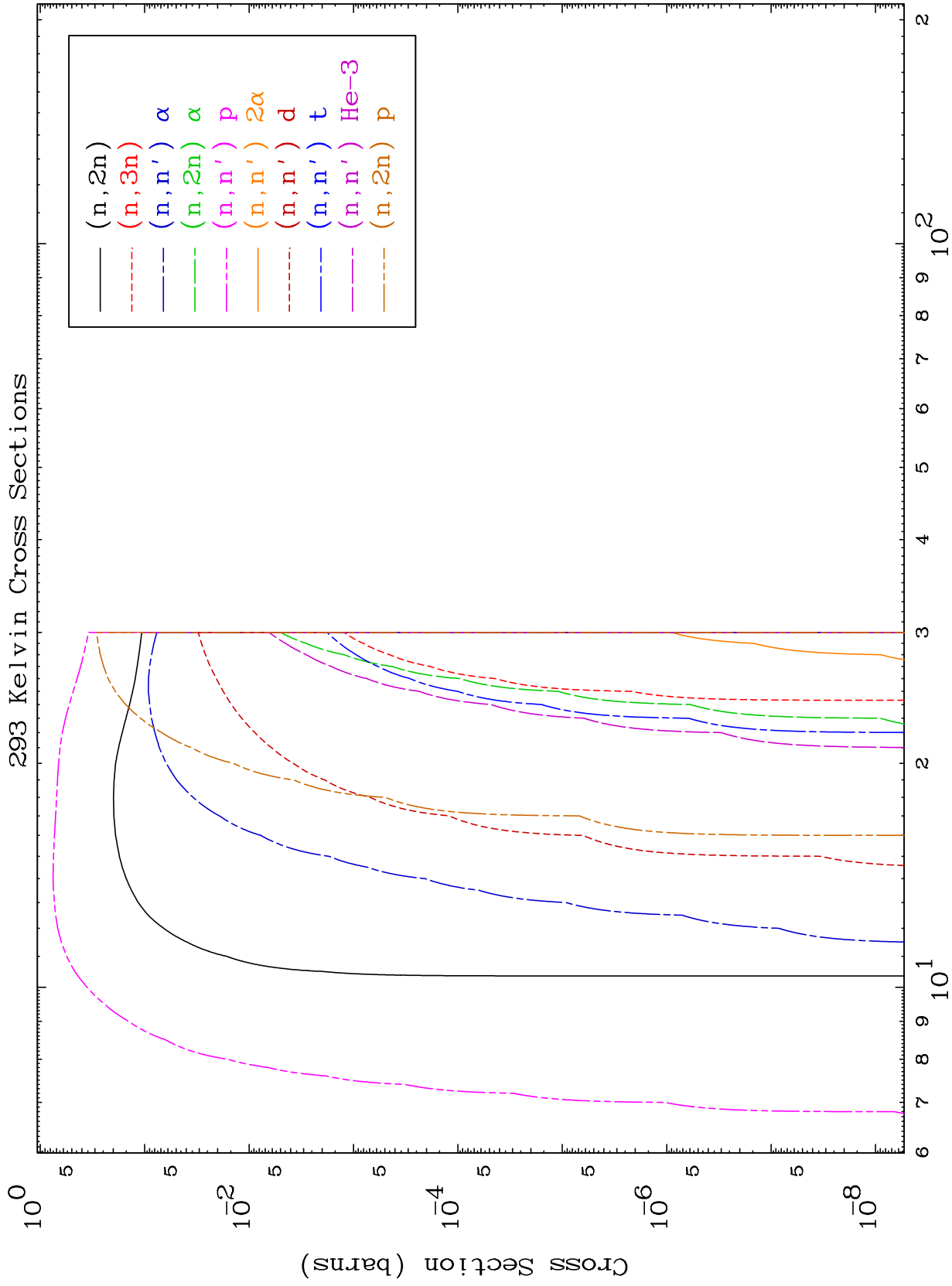
25-Mn-52



MAT 2517

Neutron Production
293 Kelvin Cross Sections

25-Mn-52



2

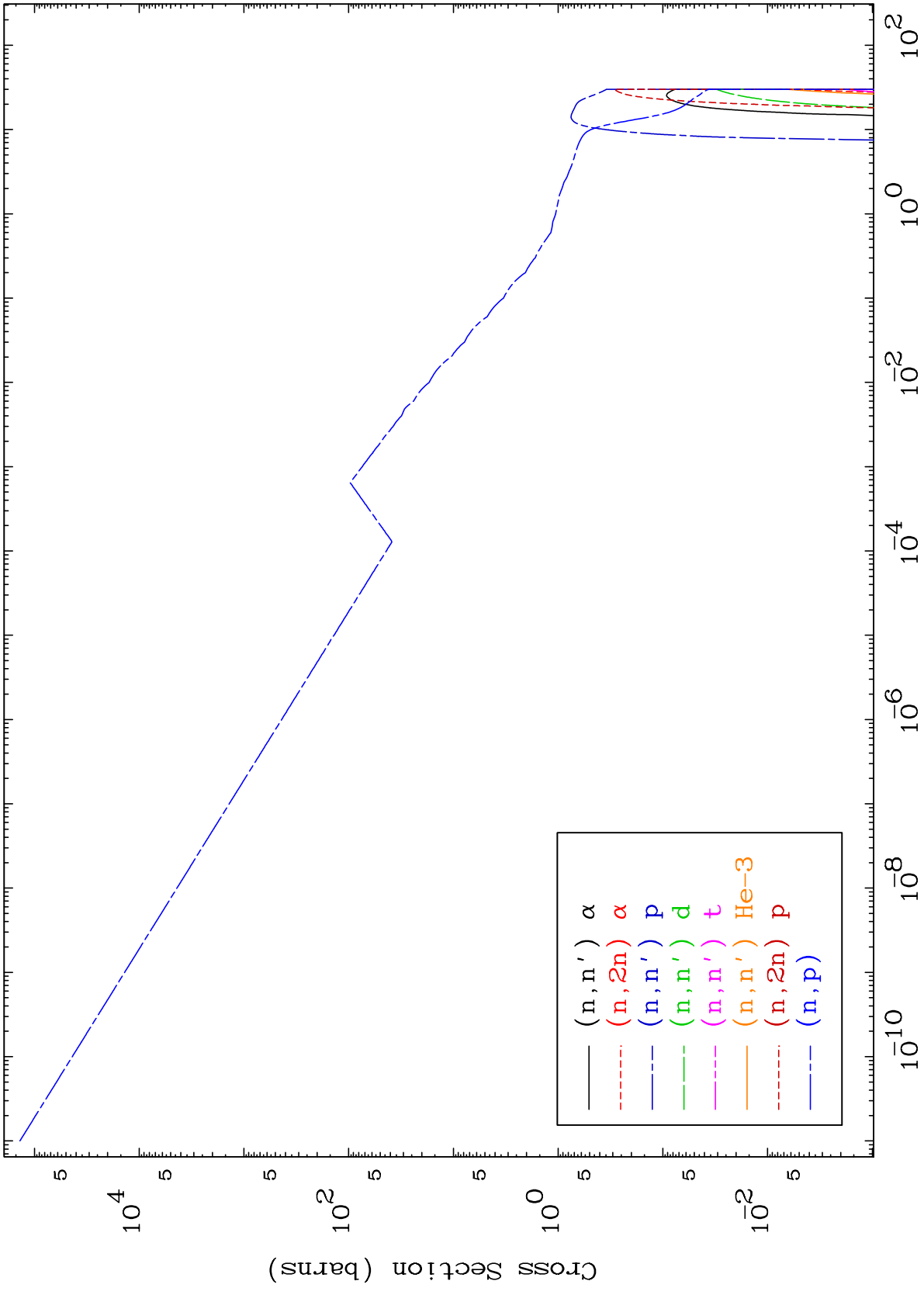
Incident Energy (MeV)

25-Mn-52

MAT 2517

Charged Particle
293 Kelvin Cross Sections

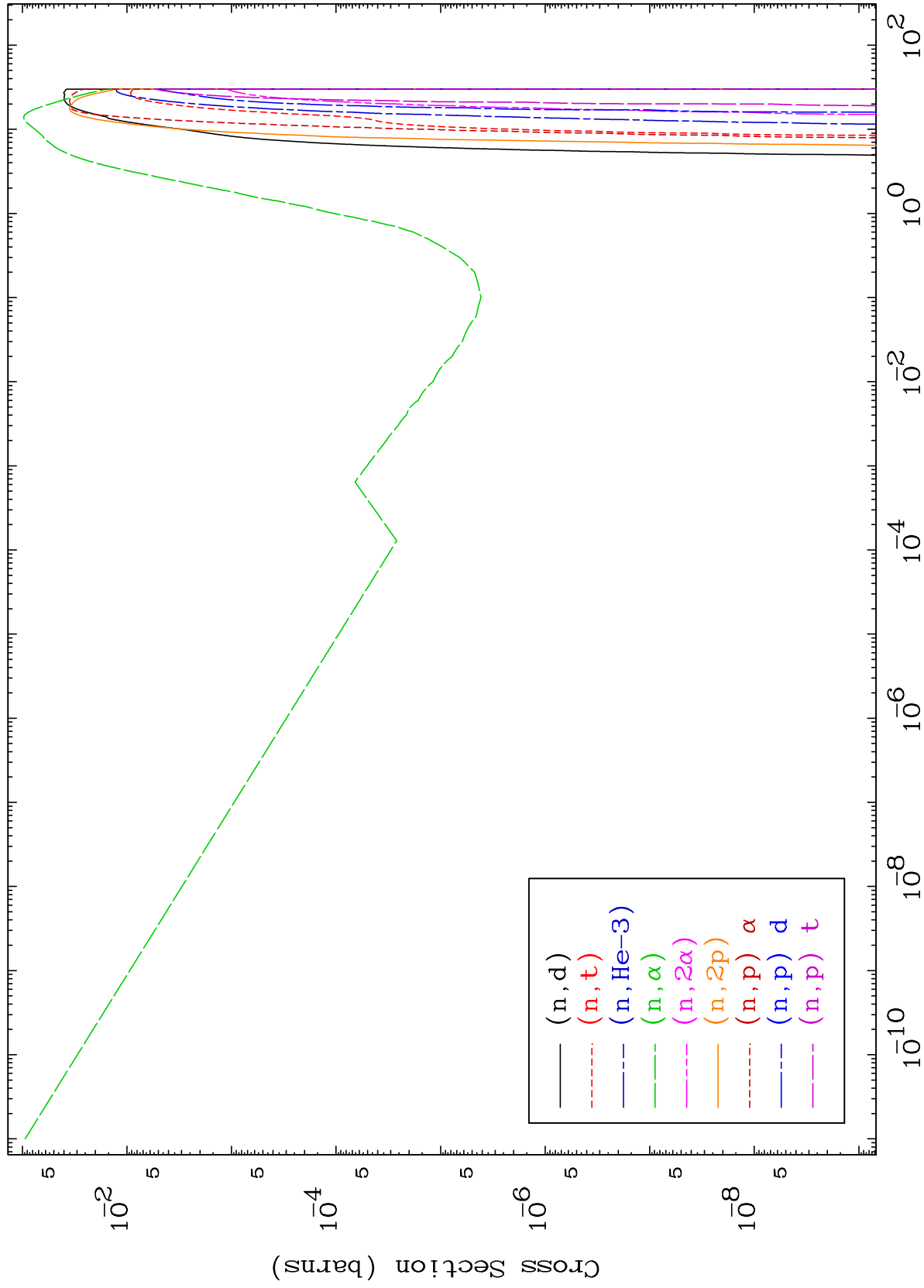
25-Mn-52



MAT 2517

293 Kelvin Cross Sections

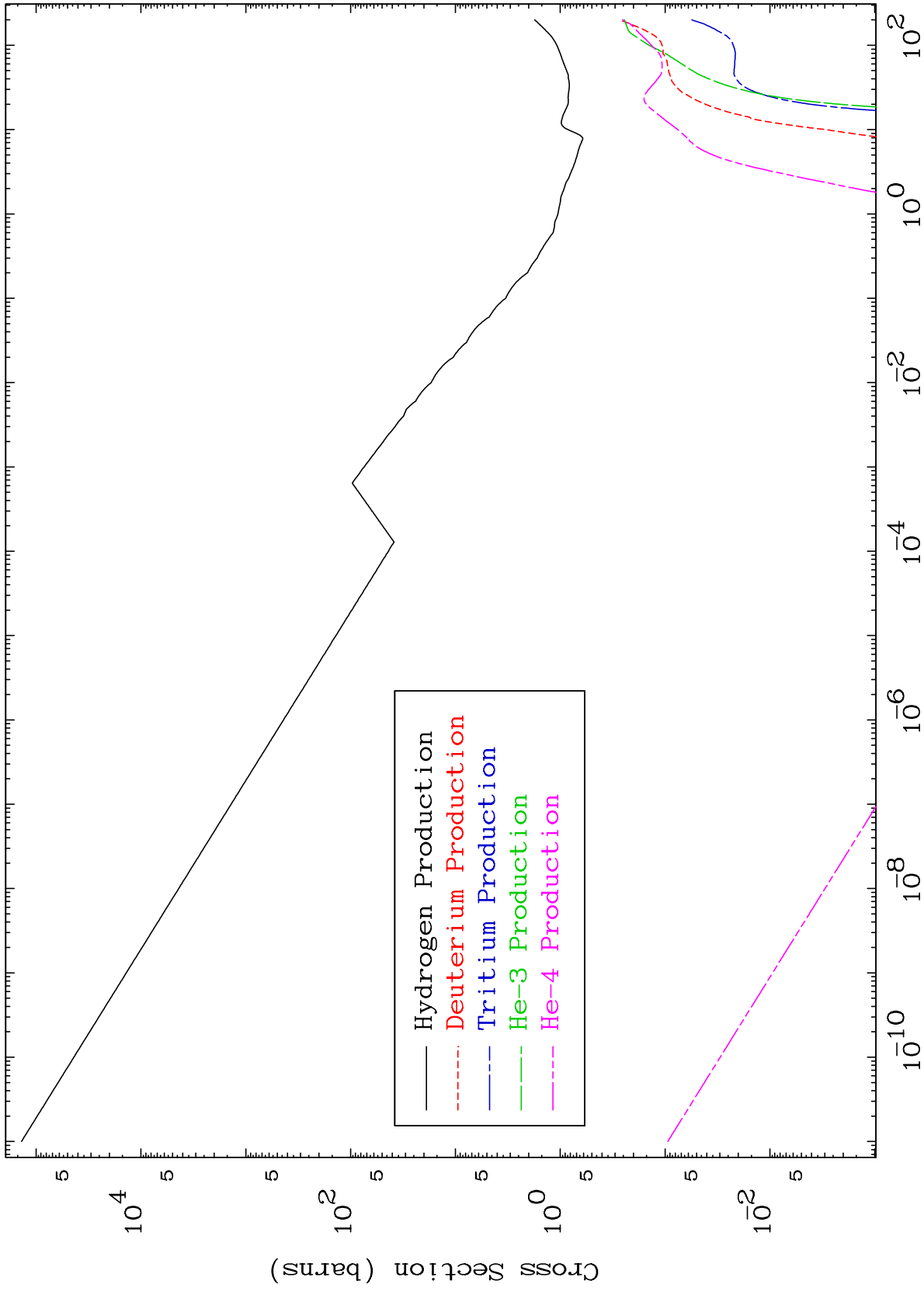
25-Mn-52



MAT 2517

Particle Production
293 Kelvin Cross Sections

25-Mn-52



5

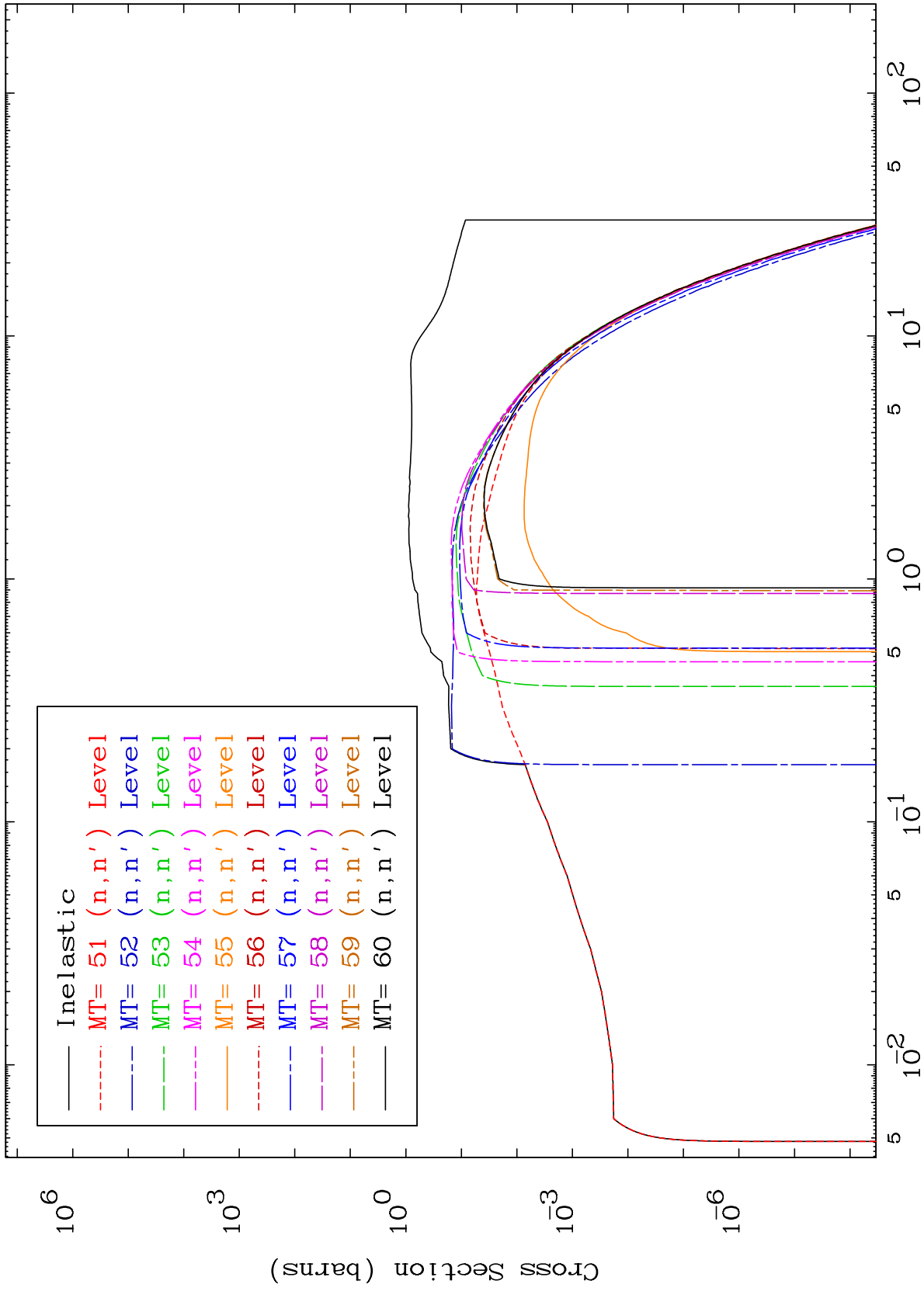
Incident Energy (MeV)

25-Mn-52

MAT 2517

293 Kelvin Cross Sections

25-Mn-52



25-Mn-52

Incident Energy (MeV)

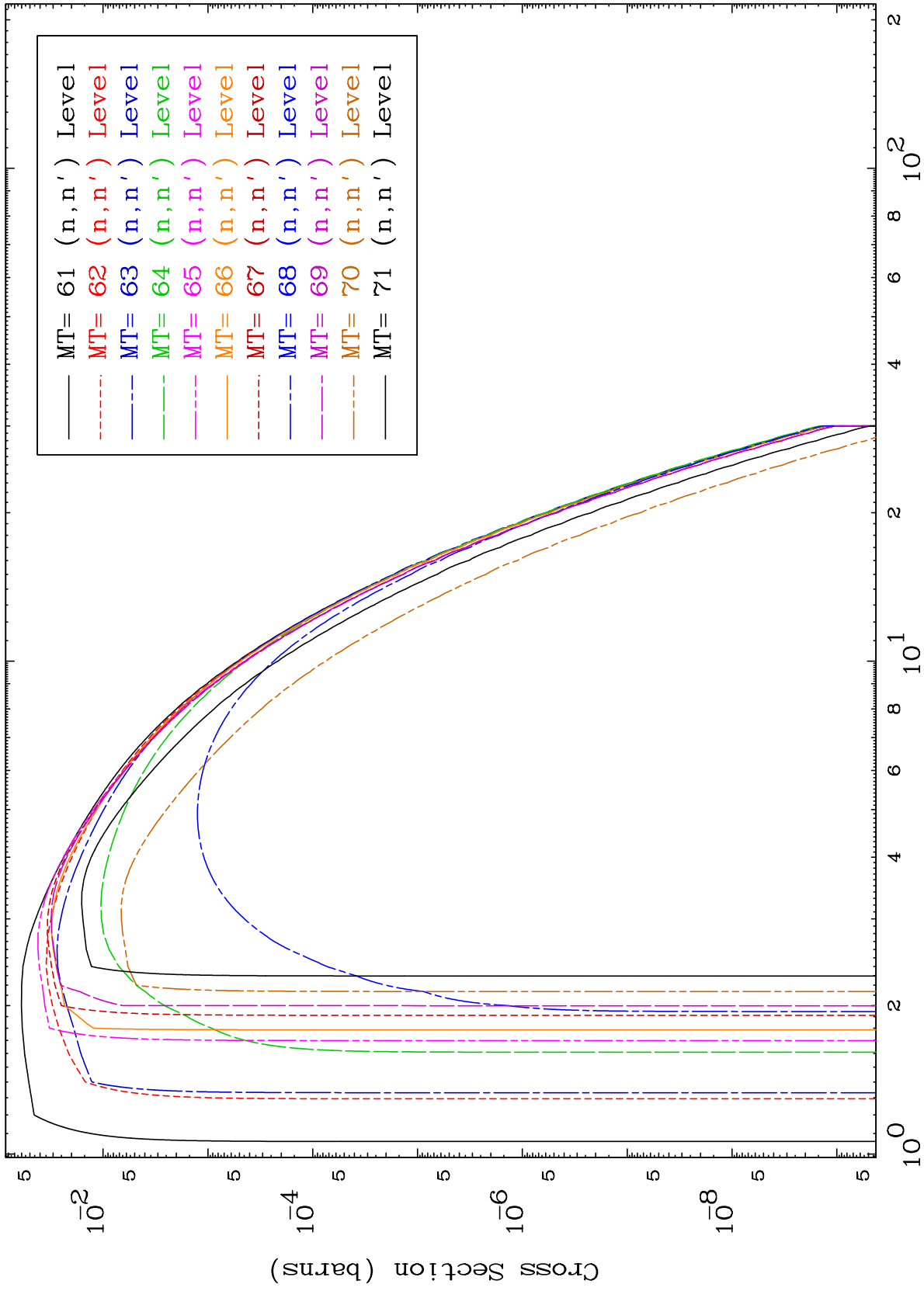
6

MAT 2517

(n,n') Level

293 Kelvin Cross Sections

25-Mn-52



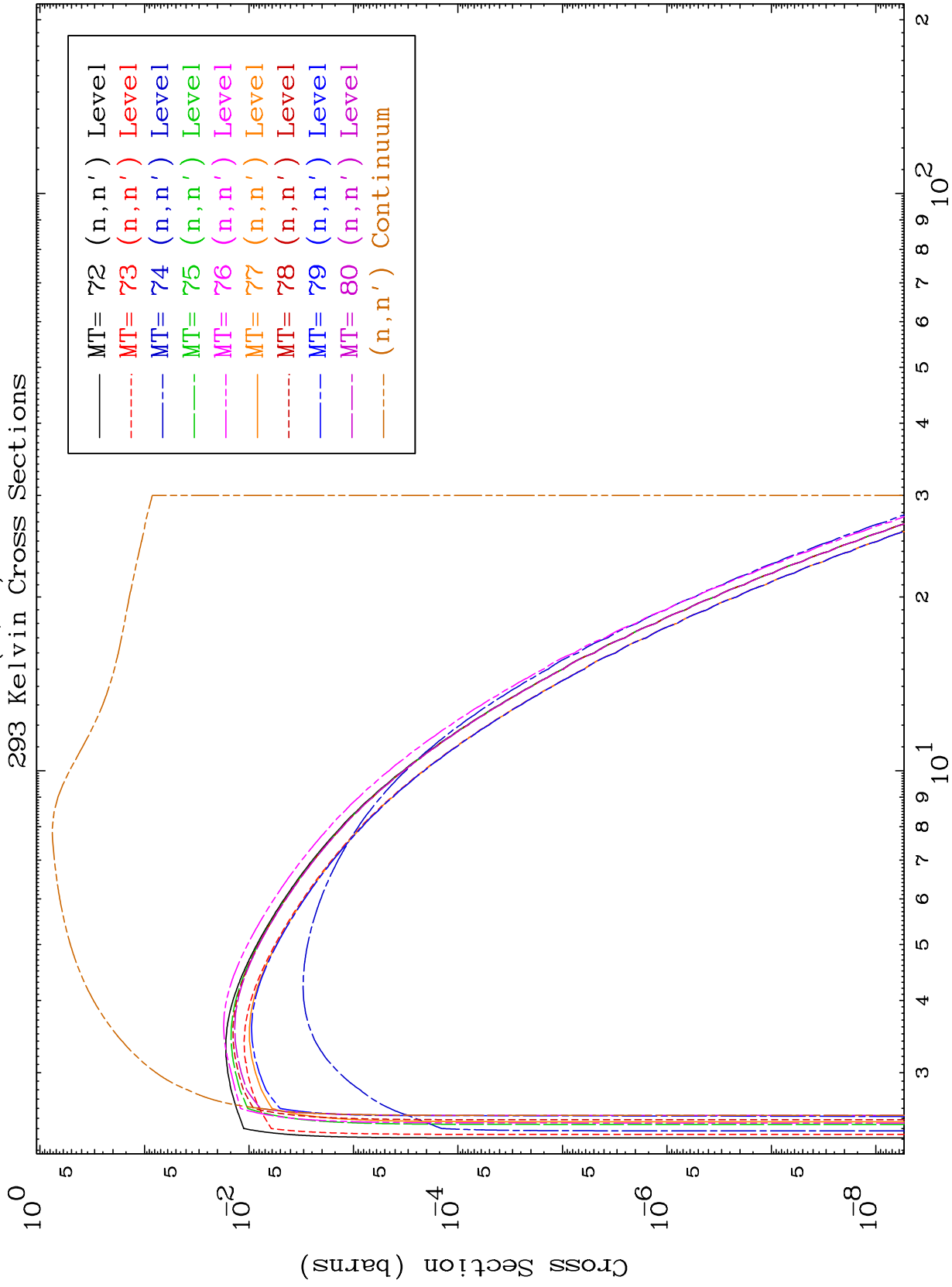
Incident Energy (MeV)

25-Mn-52

MAT 2517

(n,n') Level
293 Kelvin Cross Sections

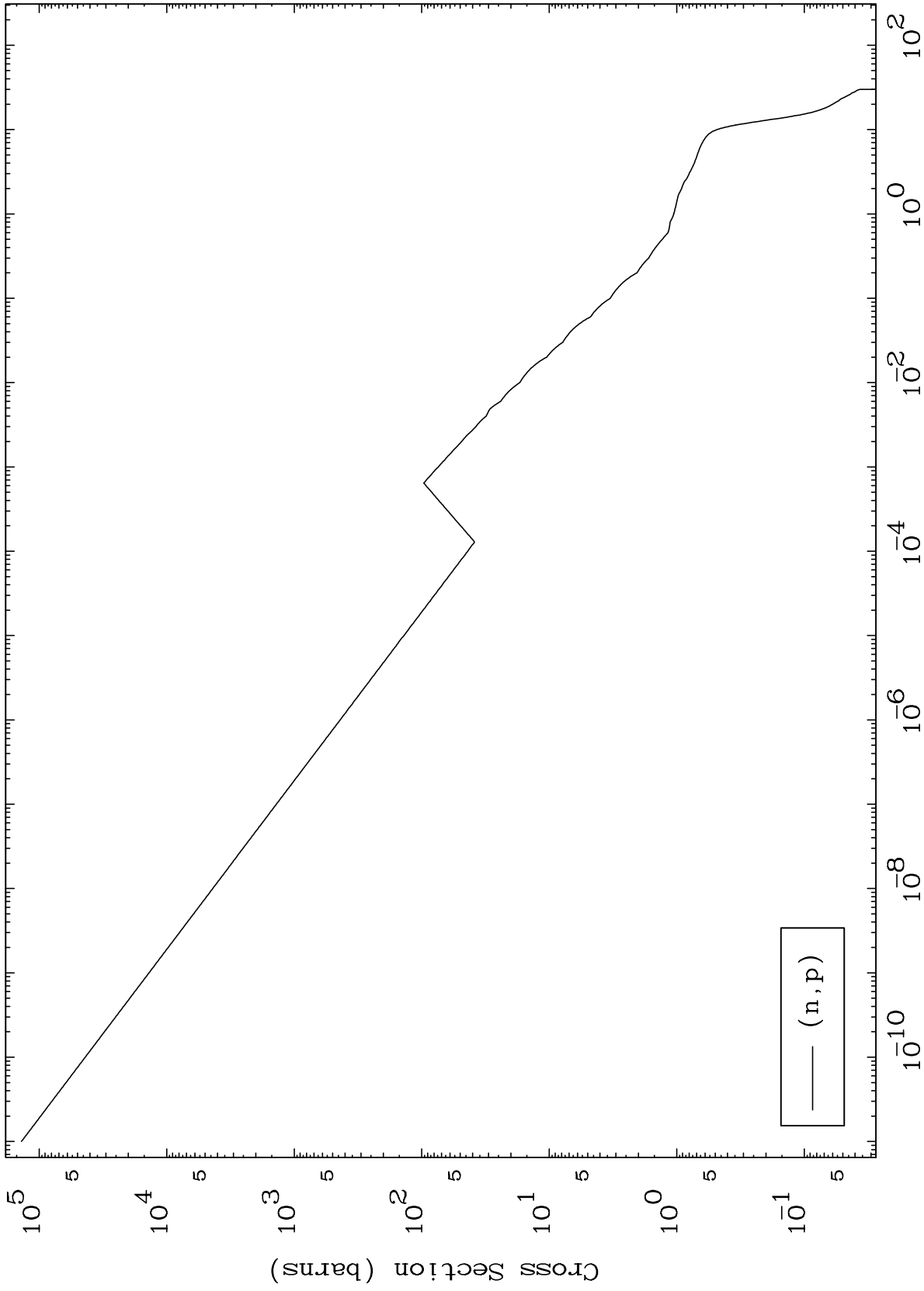
25-Mn-52



MAT 2517

(n,p) Levels
293 Kelvin Cross Sections

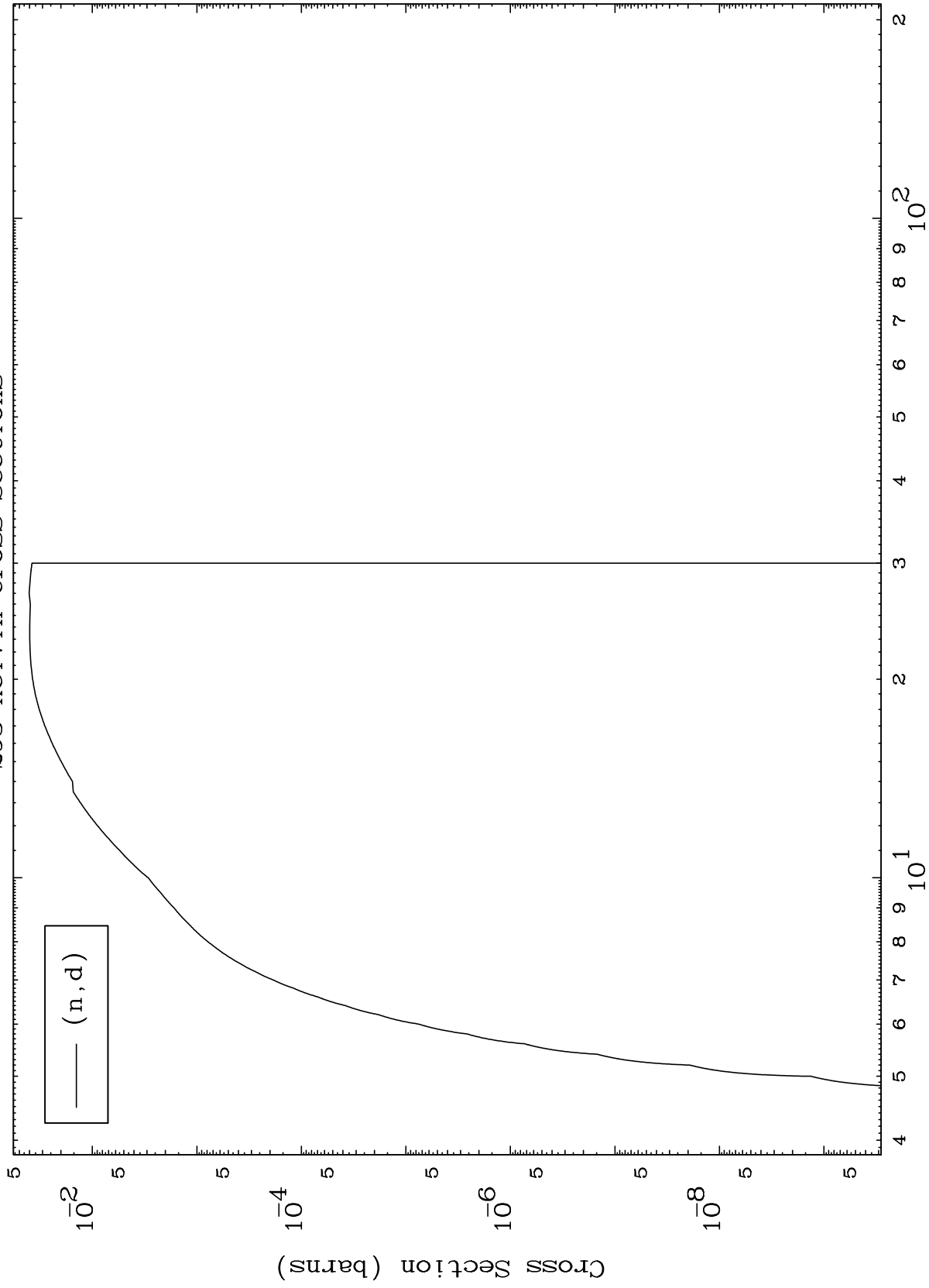
25-Mn-52



MAT 2517

(n,d) Levels
293 Kelvin Cross Sections

25-Mn-52



10

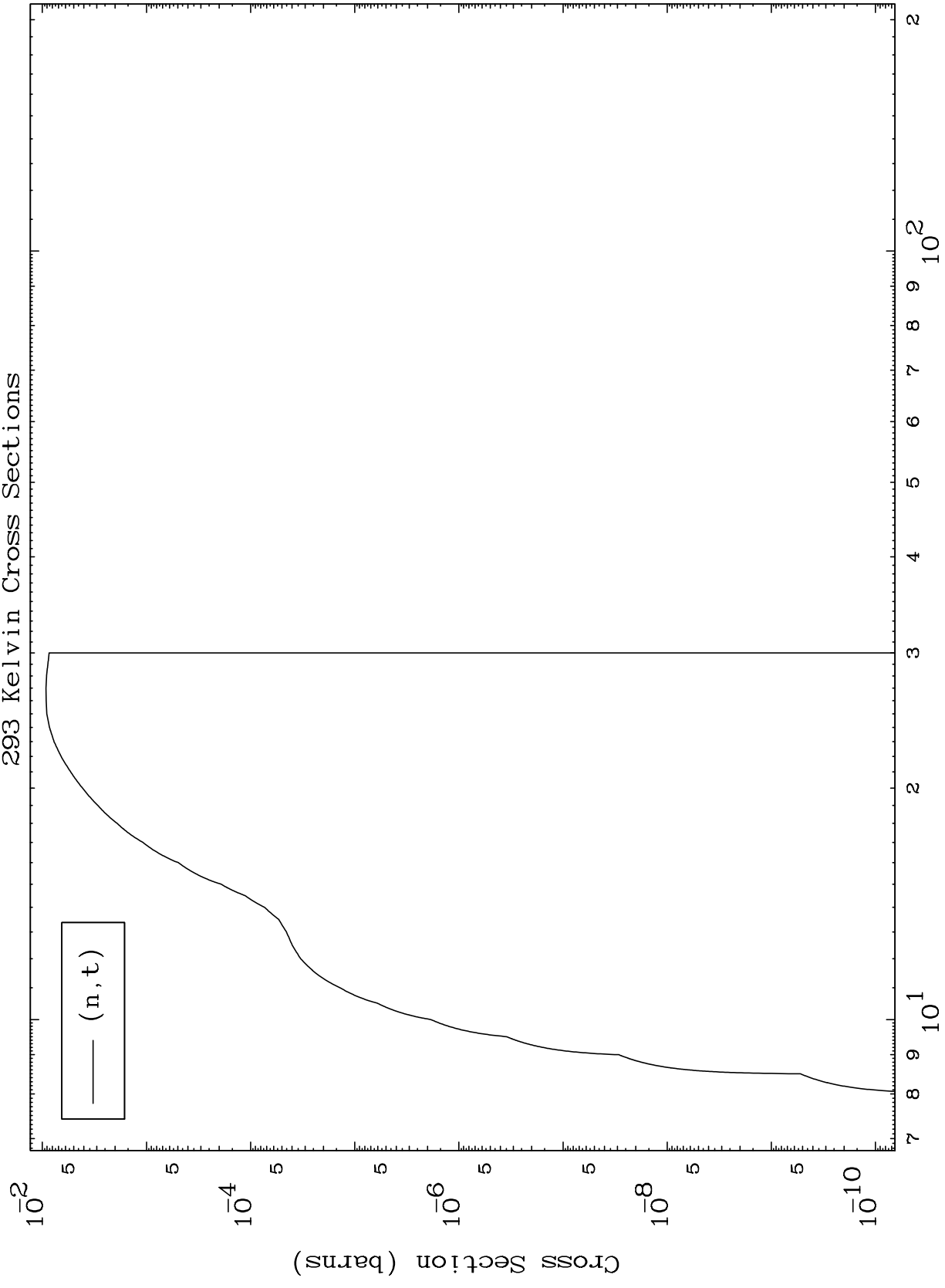
Incident Energy (MeV)

25-Mn-52

MAT 2517

(n,t) Levels
293 Kelvin Cross Sections

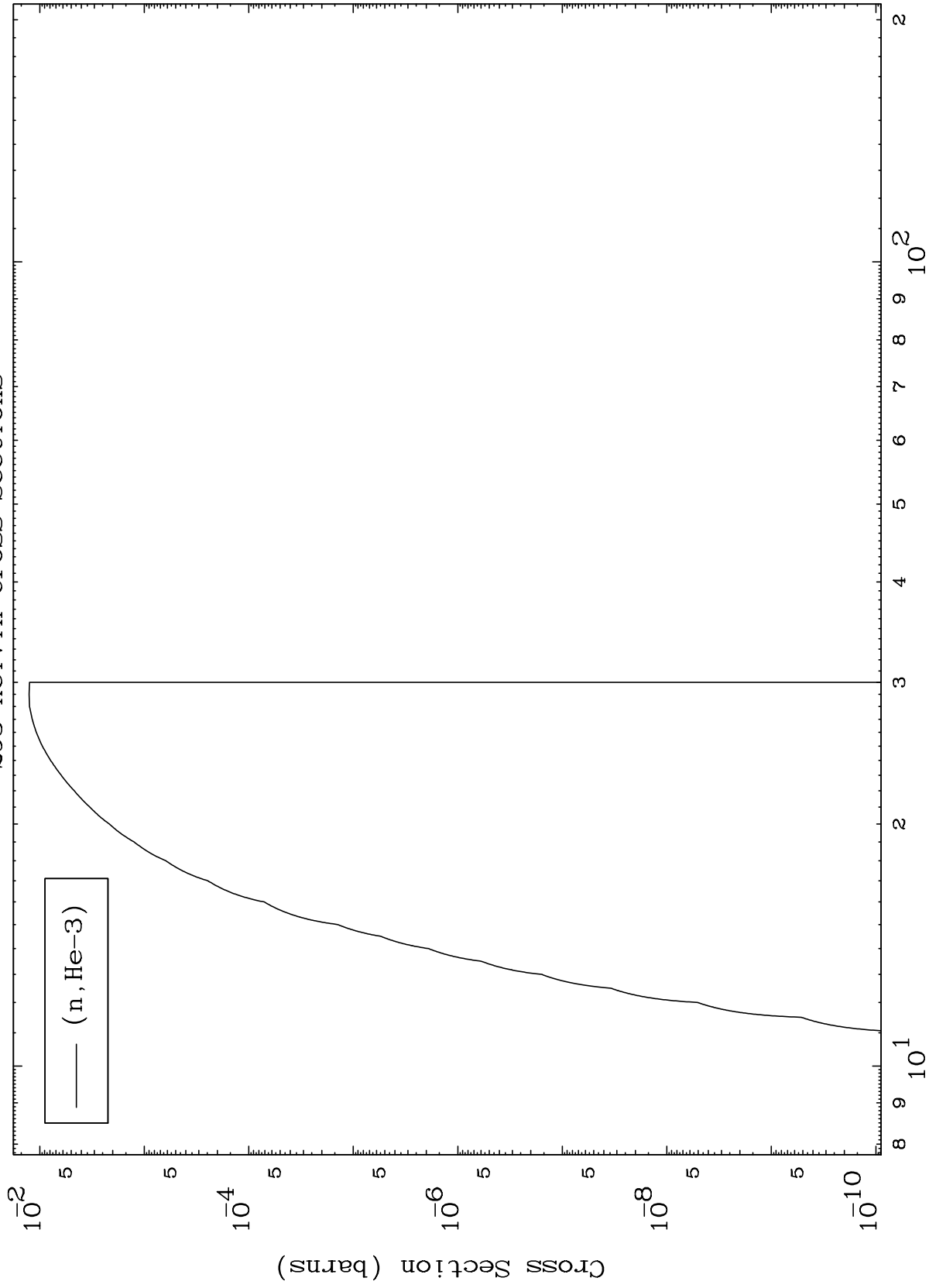
25-Mn-52



MAT 2517

(n,He3) Levels
293 Kelvin Cross Sections

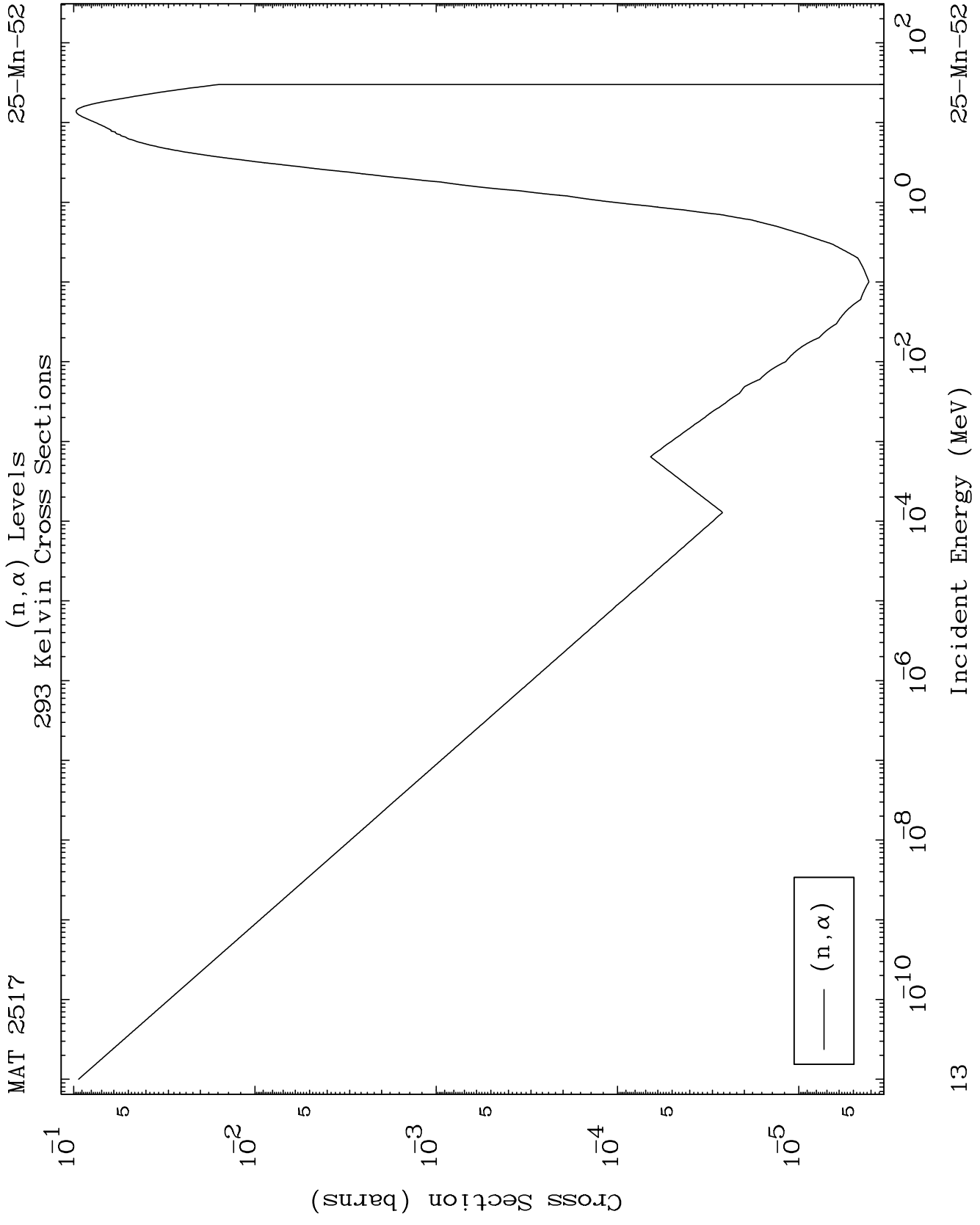
²⁵Mn-52

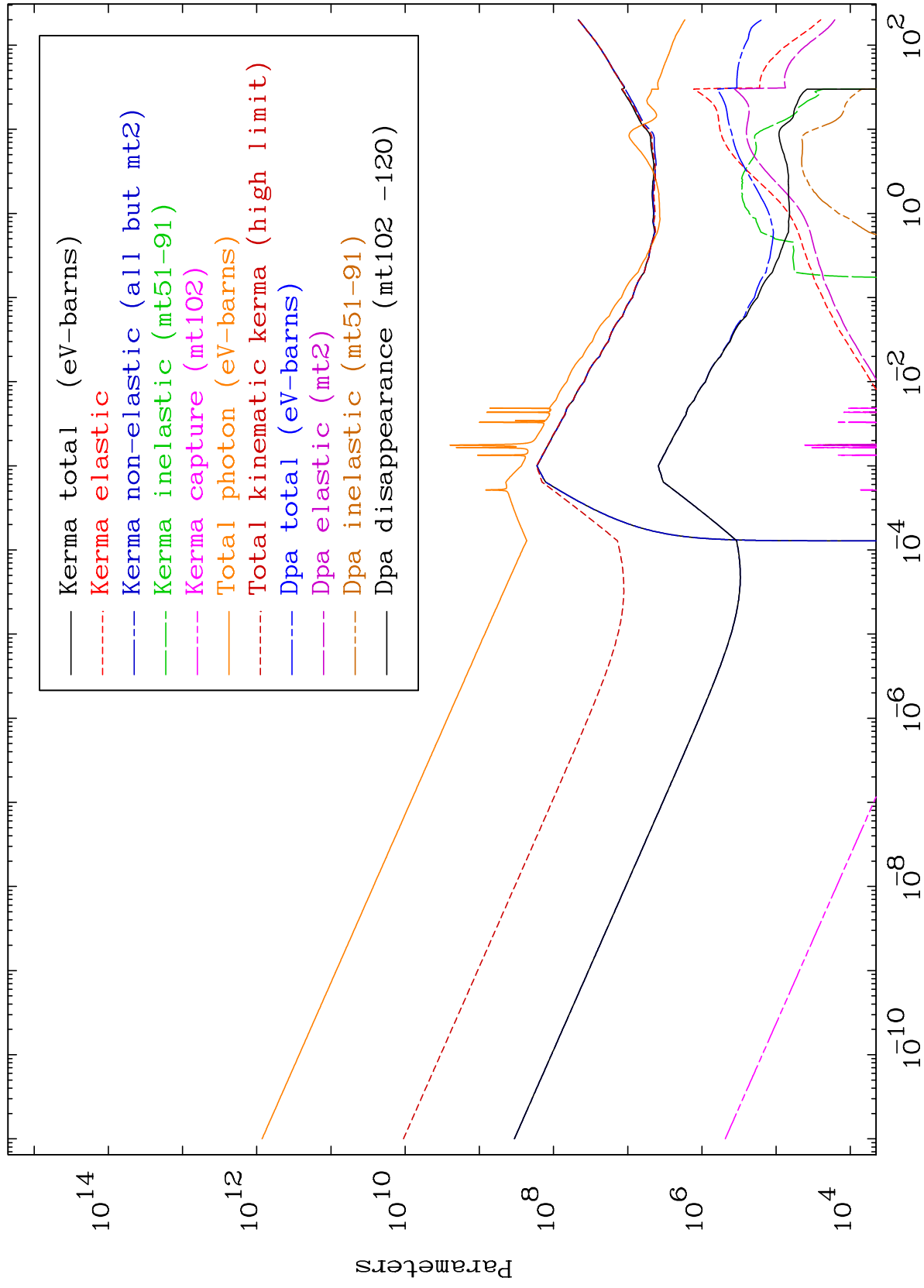


12

Incident Energy (MeV)

²⁵Mn-52

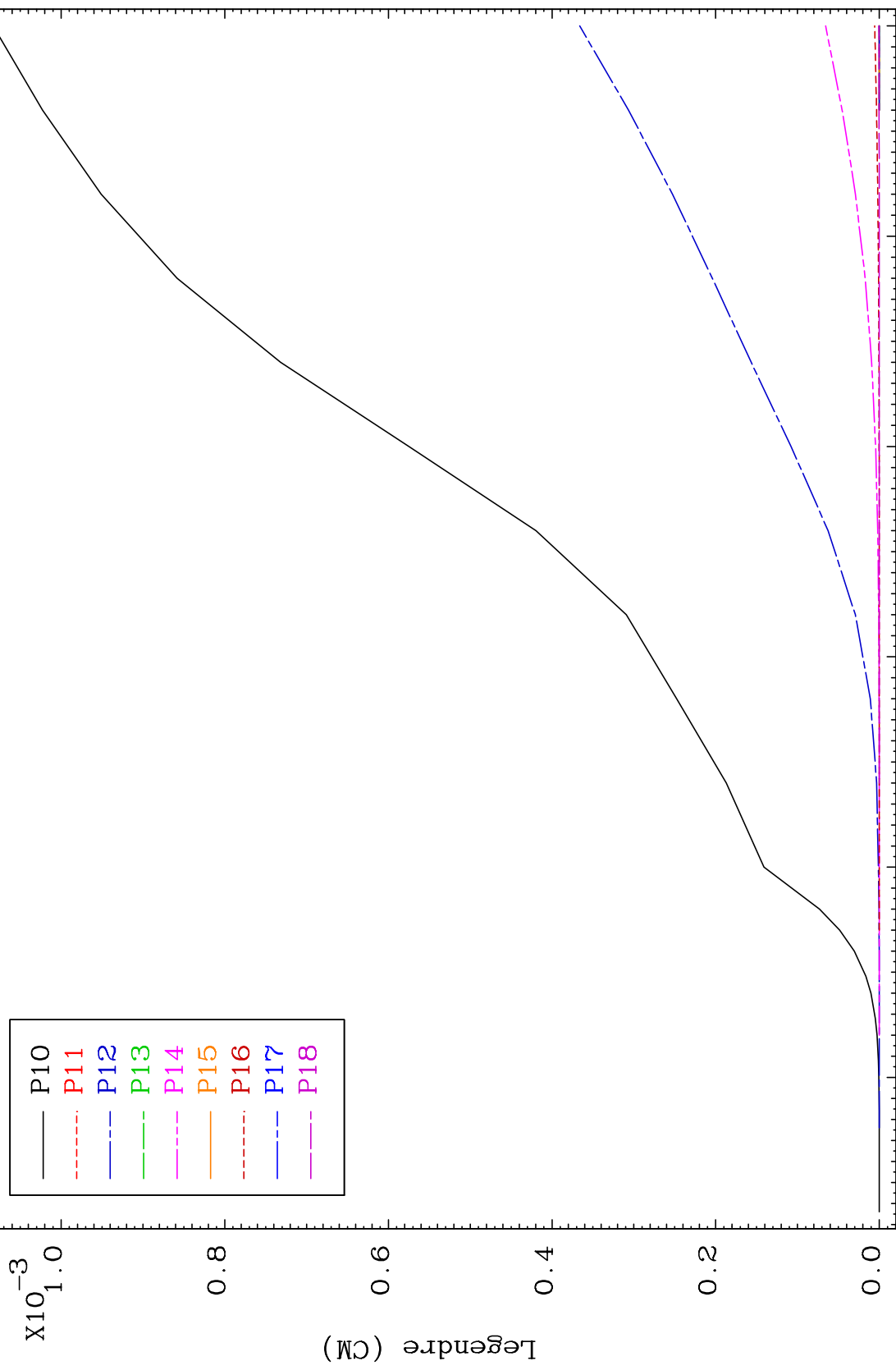
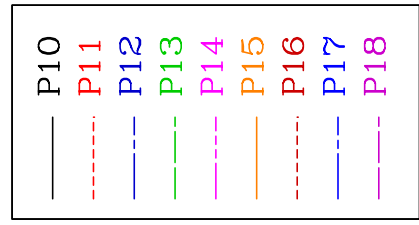




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Elastic Legendre Coefficients

²⁵Mn-52



16

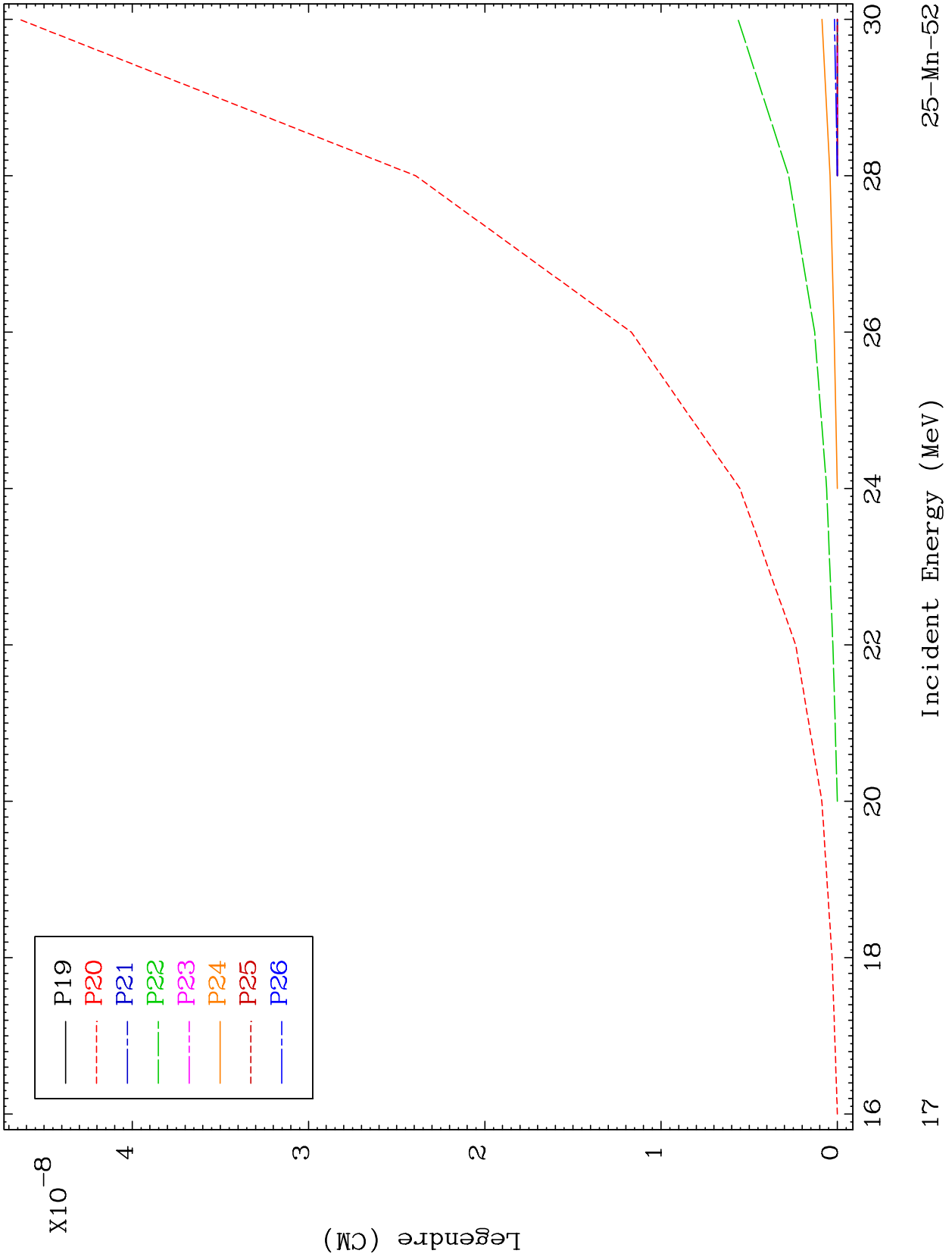
Incident Energy (MeV)

²⁵Mn-52

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Elastic Legendre Coefficients

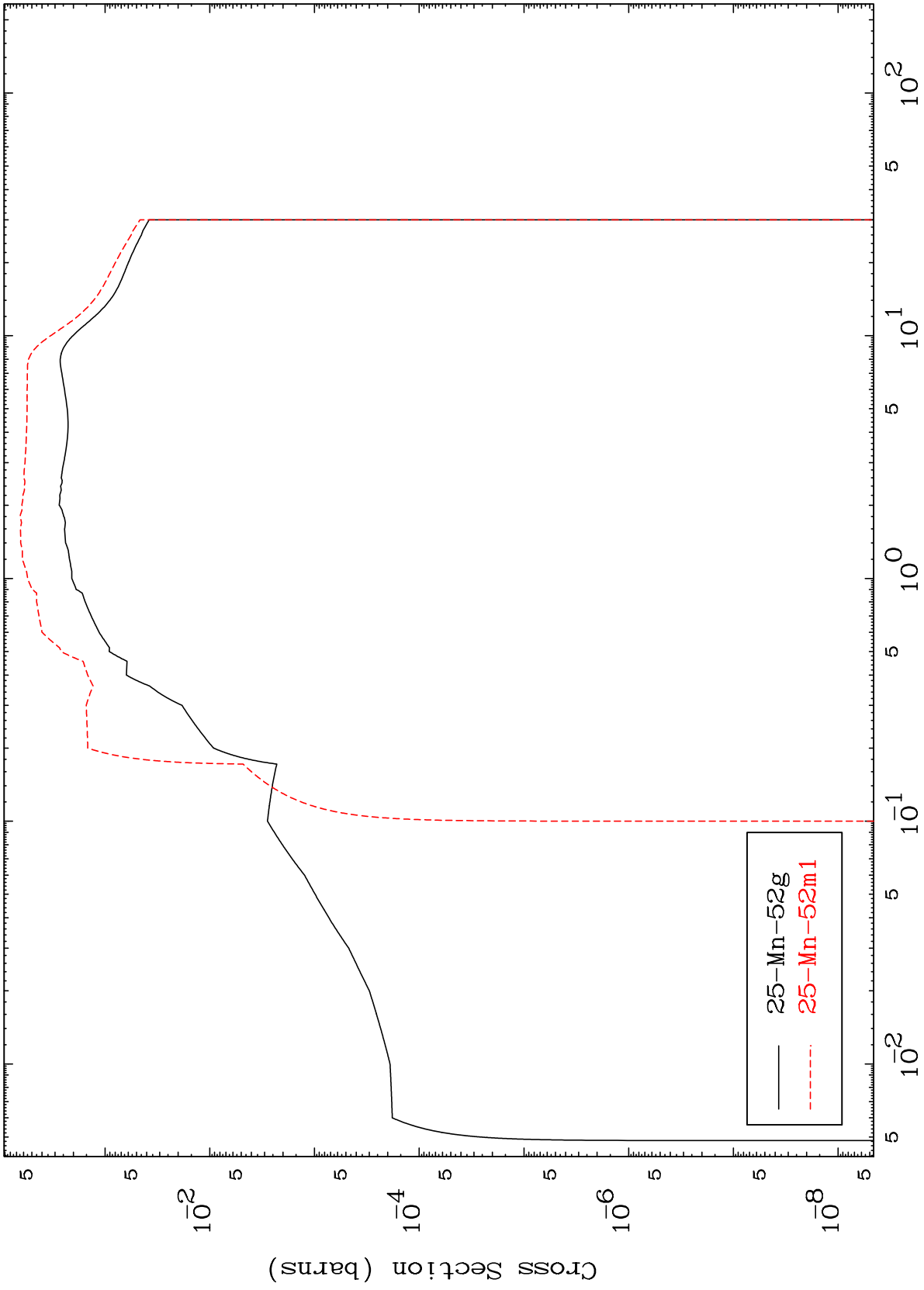
²⁵Mn-52



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²⁵Mn-52

Inelastic Radionuclide Production Cross Section



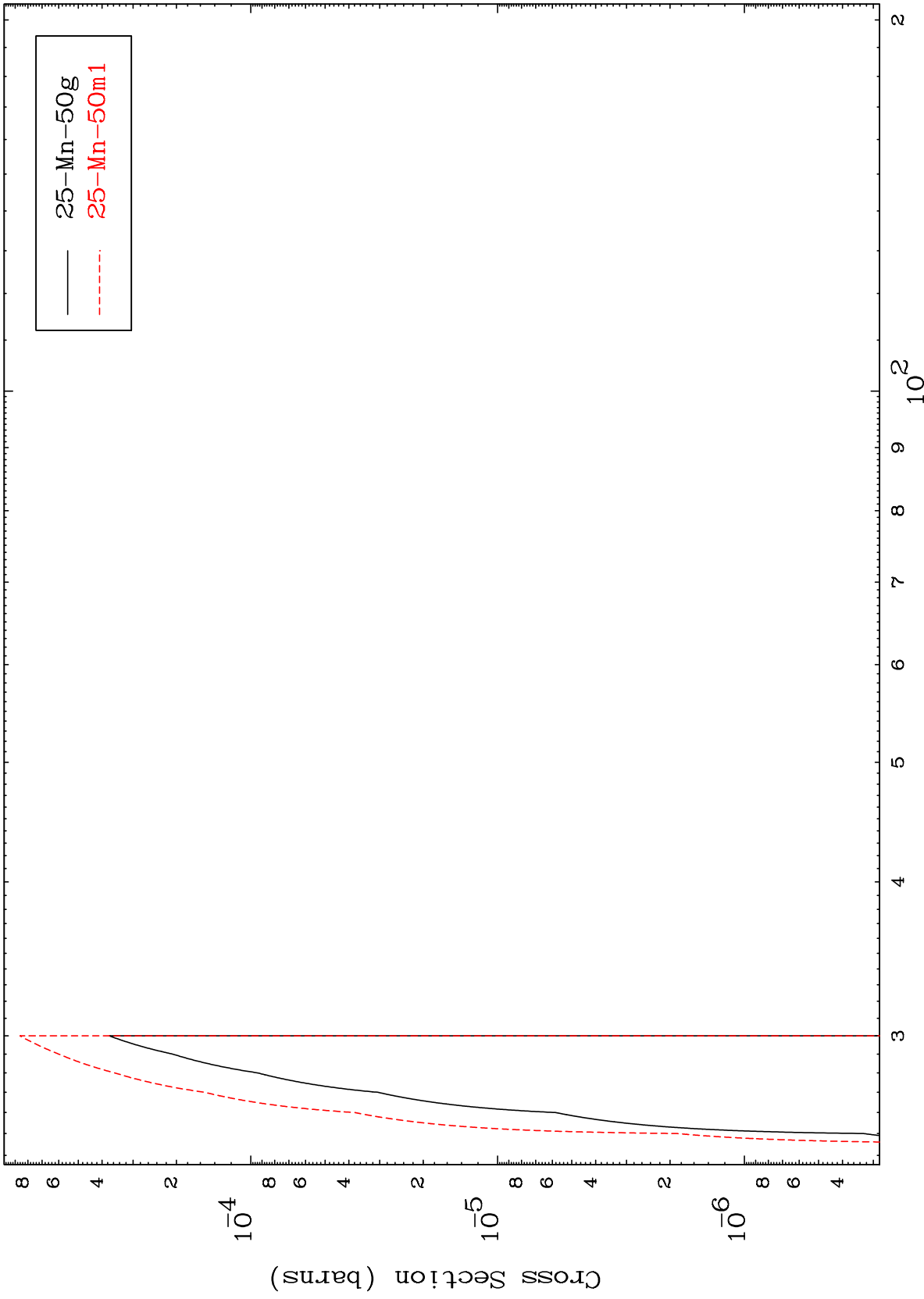
18

²⁵Mn-52

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²⁵Mn-52

(n,3n)
Radionuclide Production Cross Section



19

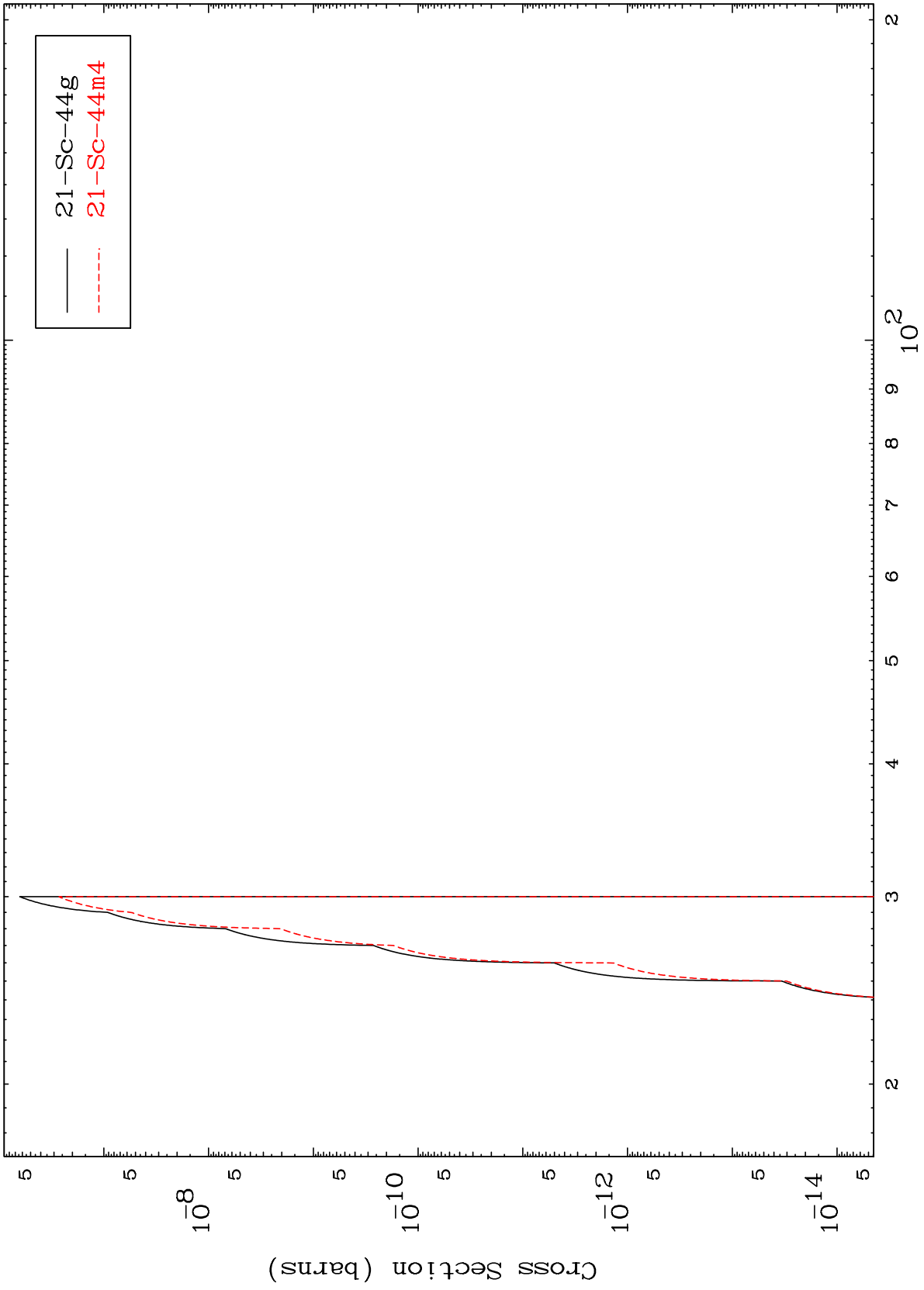
²⁵Mn-52

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(n,n') 2α

25-Mn-52

Radionuclide Production Cross Section



20

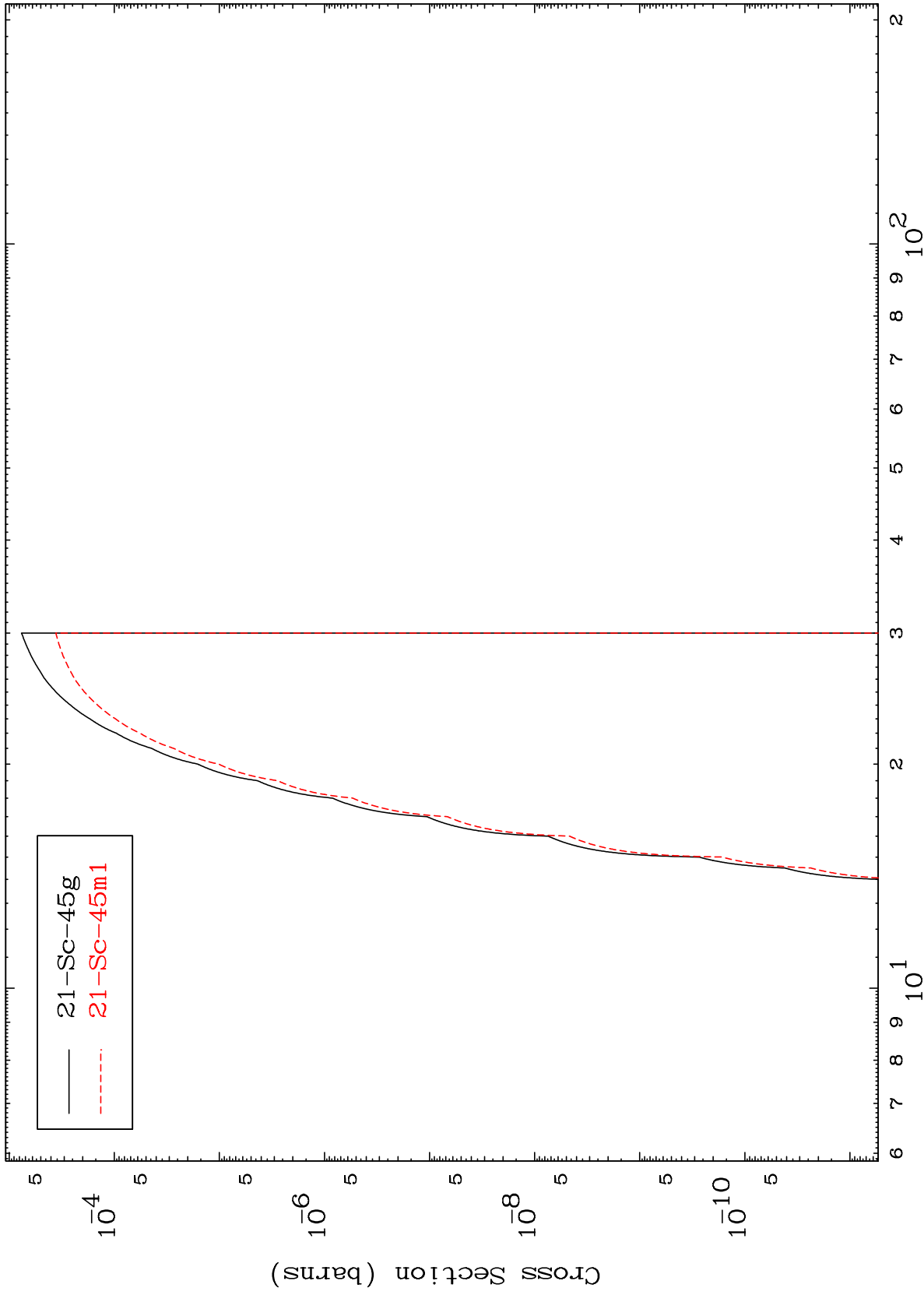
Incident Energy (MeV)

25-Mn-52

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25-Mn-52

Radionuclide Production Cross Section



21

25-Mn-52

MAT 2517

(n,p) α

²⁵Mn-52

Radionuclide Production Cross Section

