

Program EVALPLOT
(Version 2021-1)

by

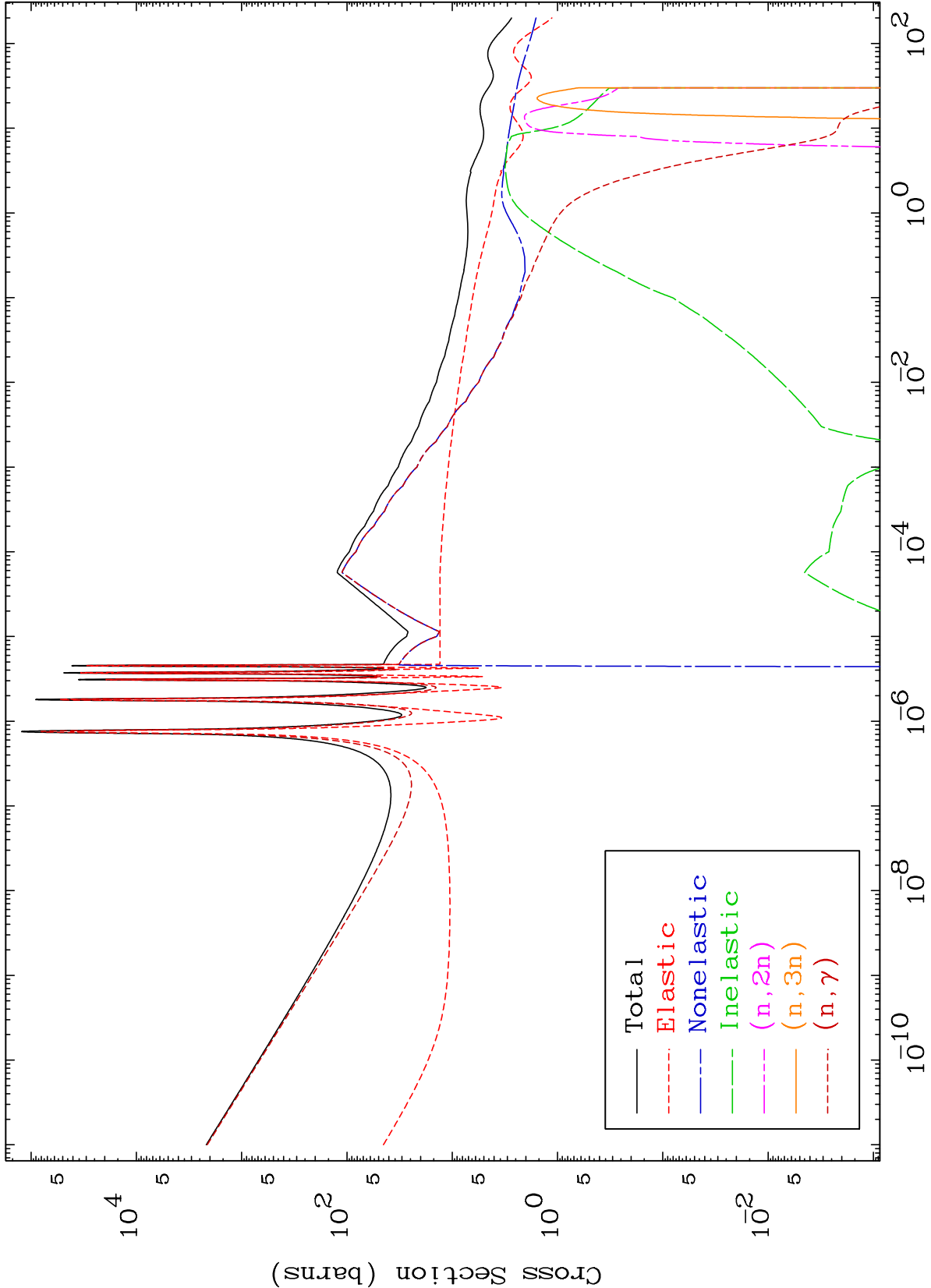
Dermott E. Cullen
(Present Contact Information)

Dermott E. Cullen
1466 Hudson Way
Livermore, CA 94550
U.S.A.

Tele: 925-443-1911

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

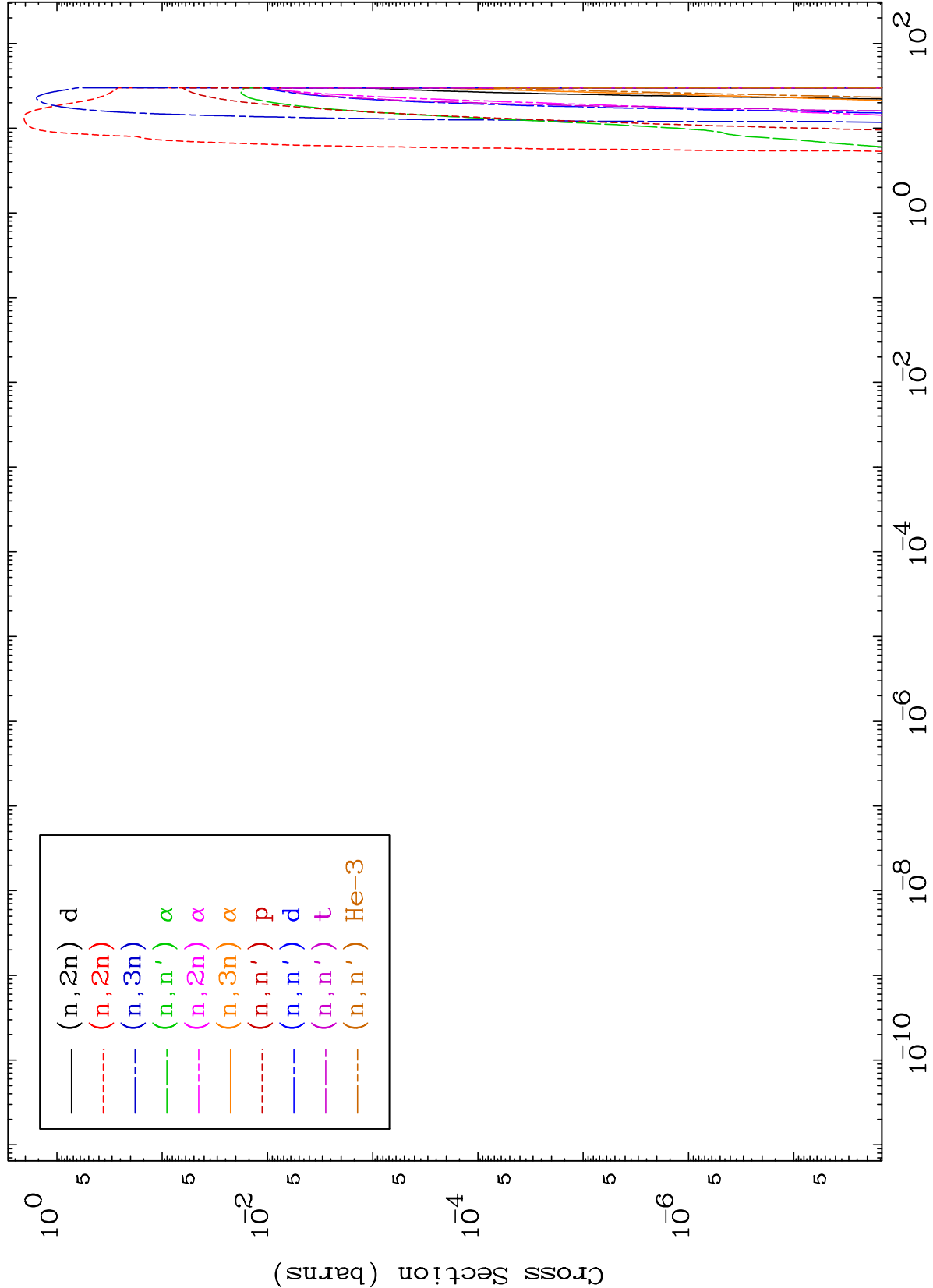
Press Mouse Button to Start

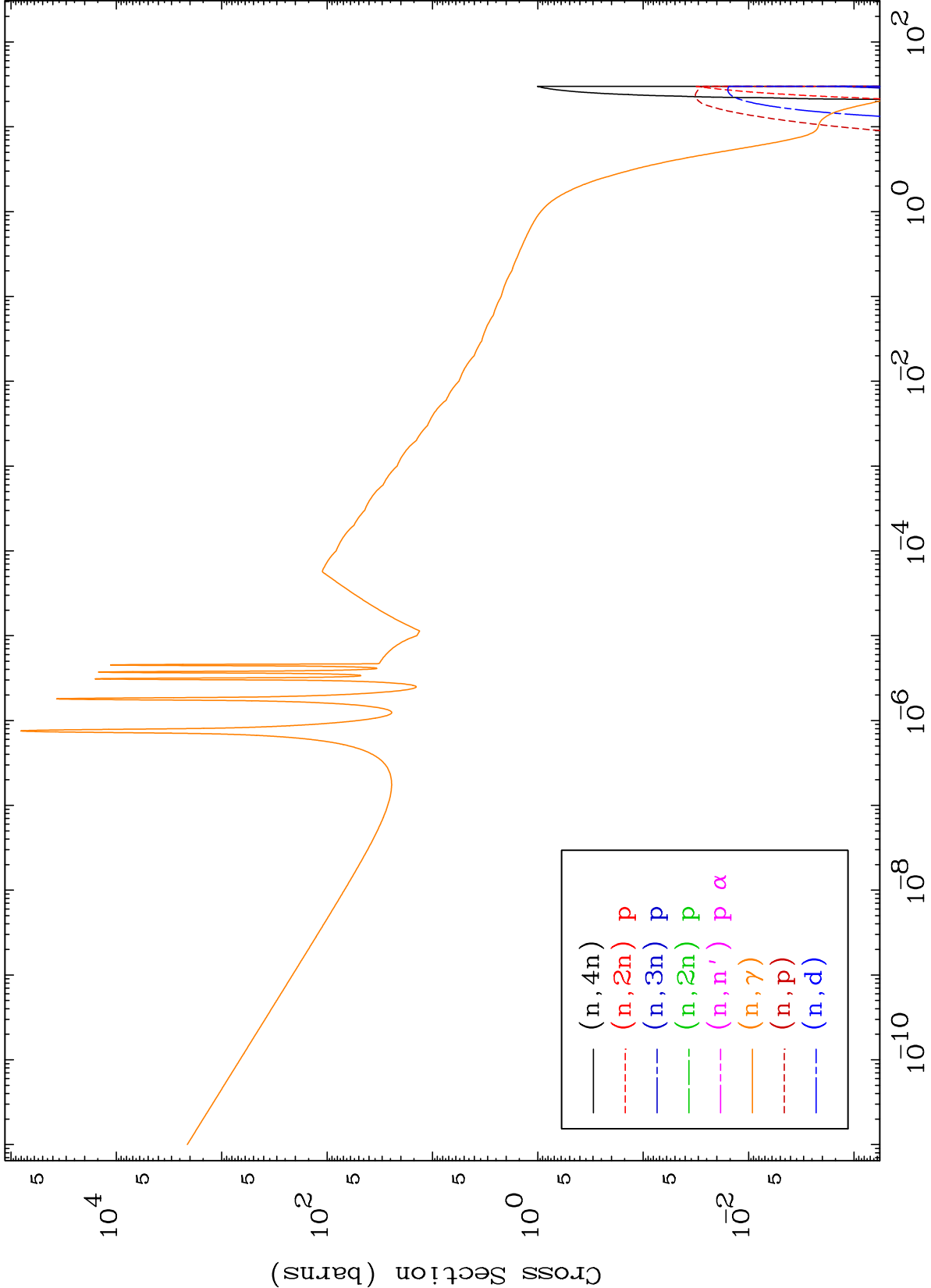


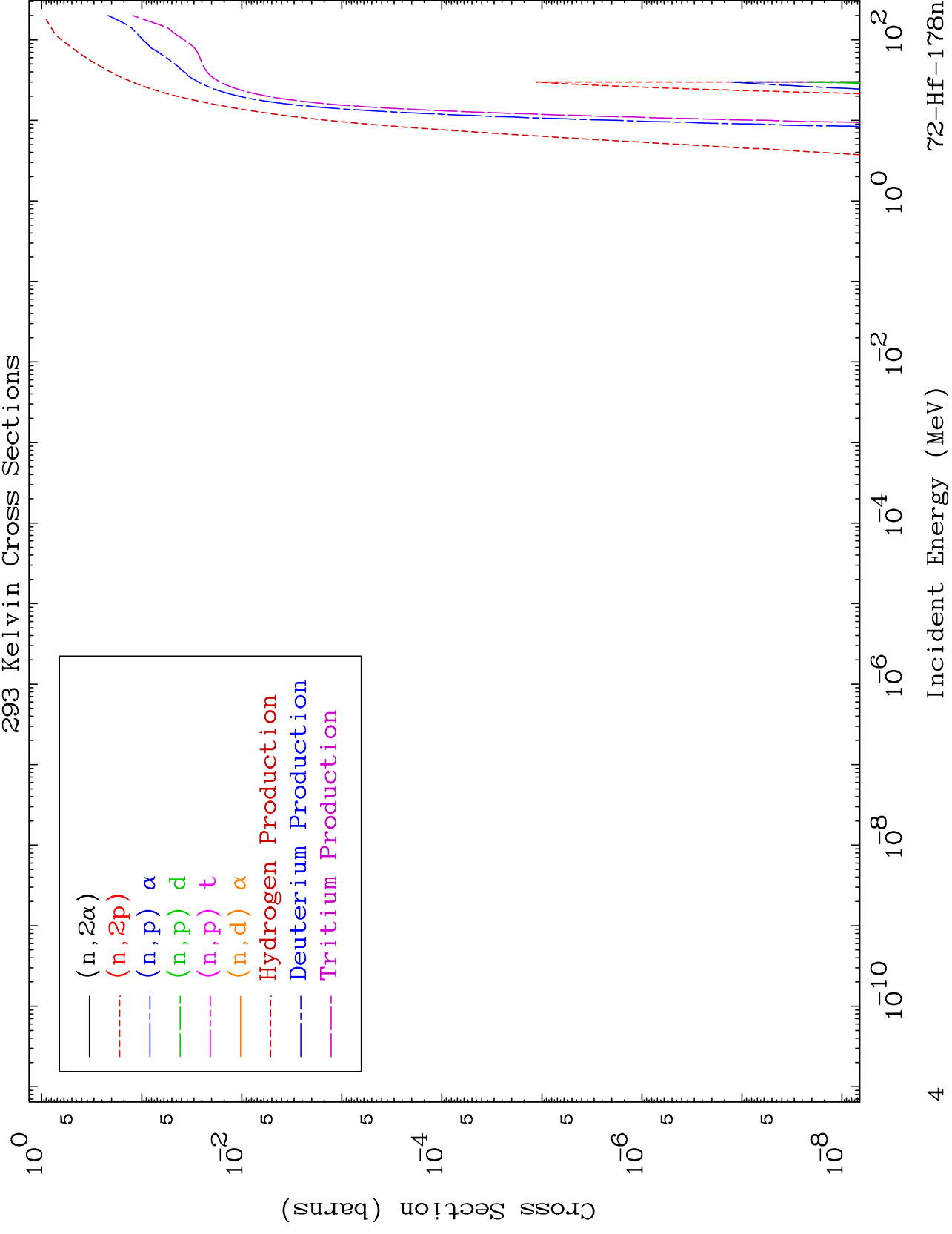
MAT 7239

Neutron Absorption
293 Kelvin Cross Sections

72-Hf-178n



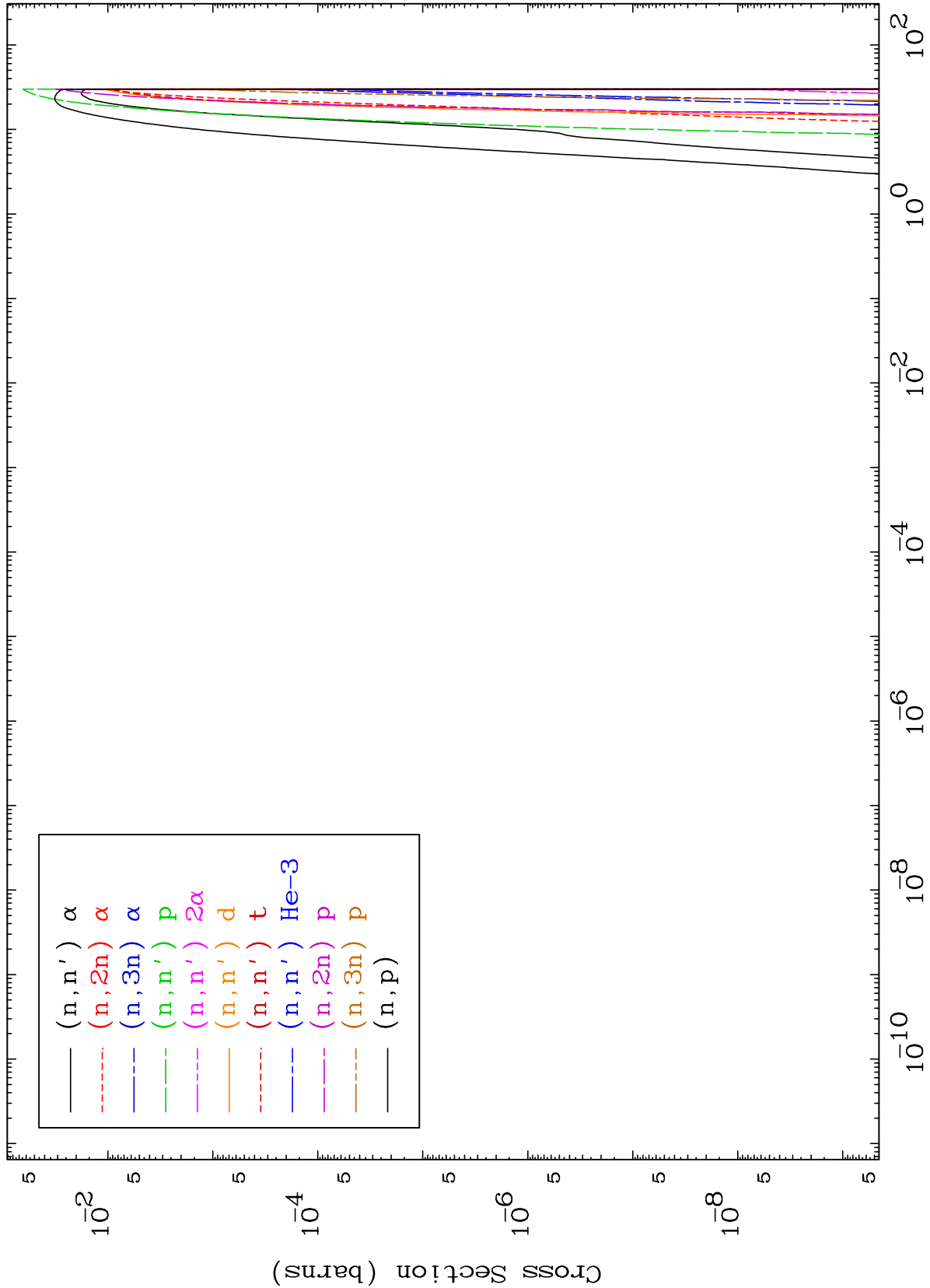


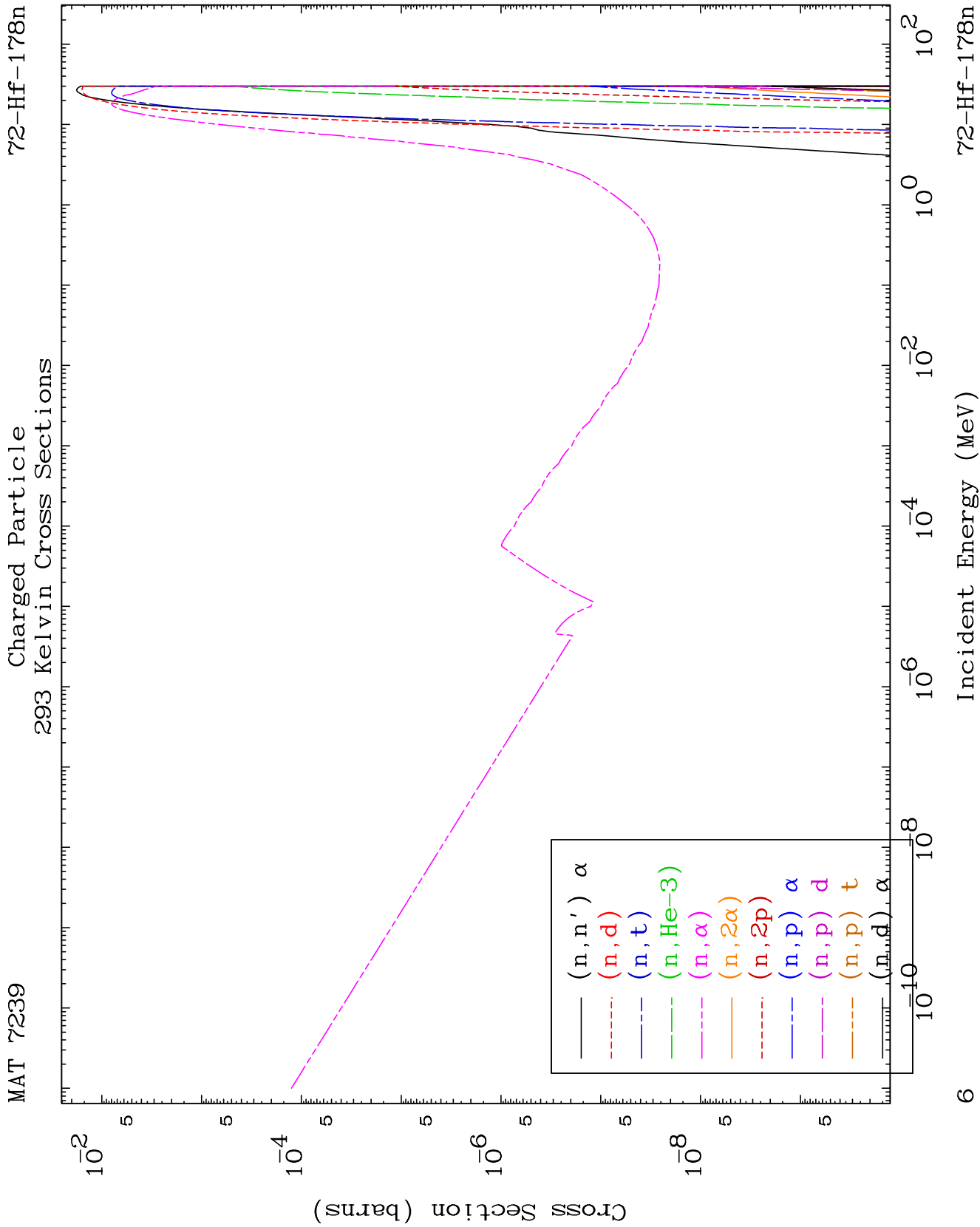


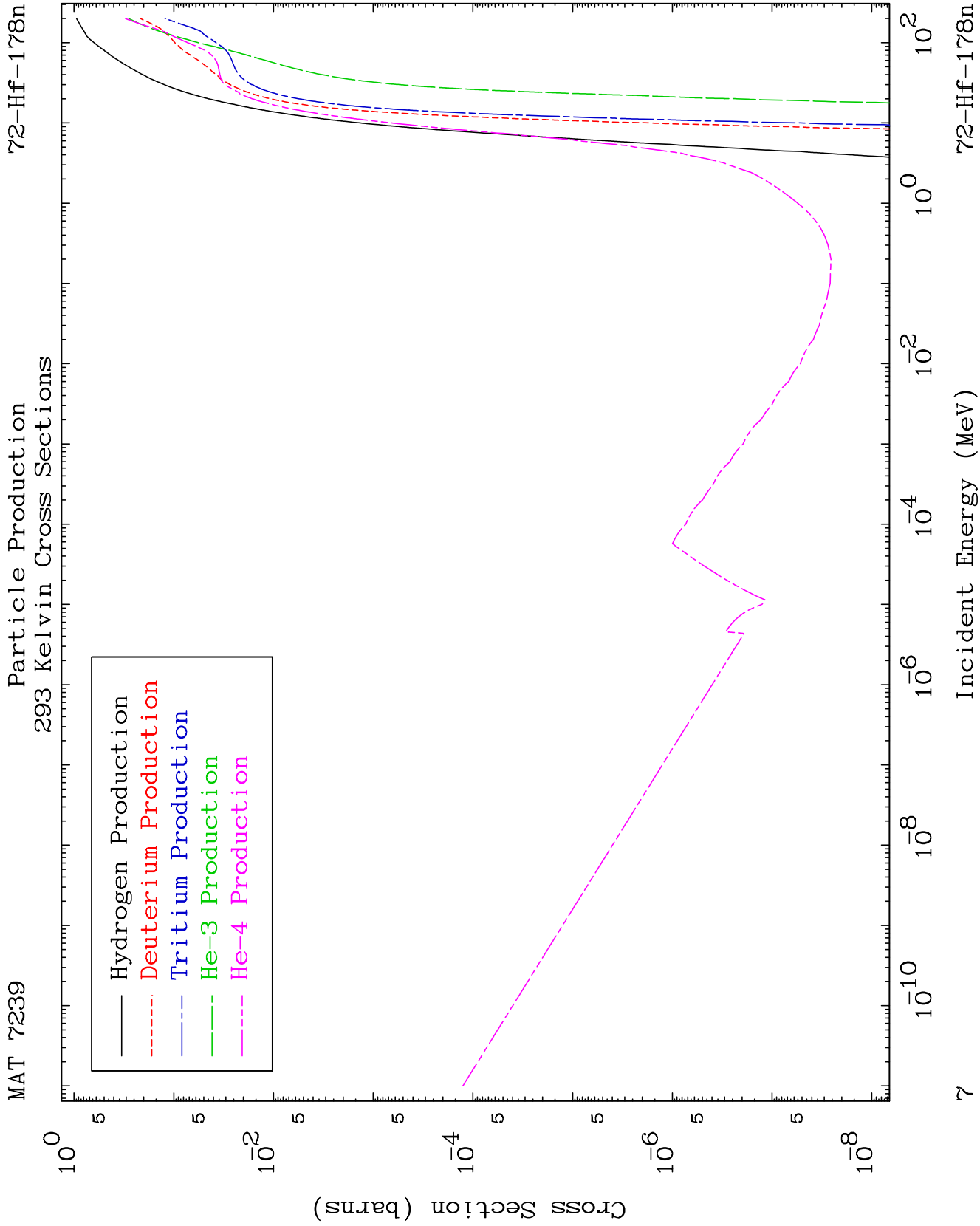
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Charged Particle
293 Kelvin Cross Sections

72-Hf-178n



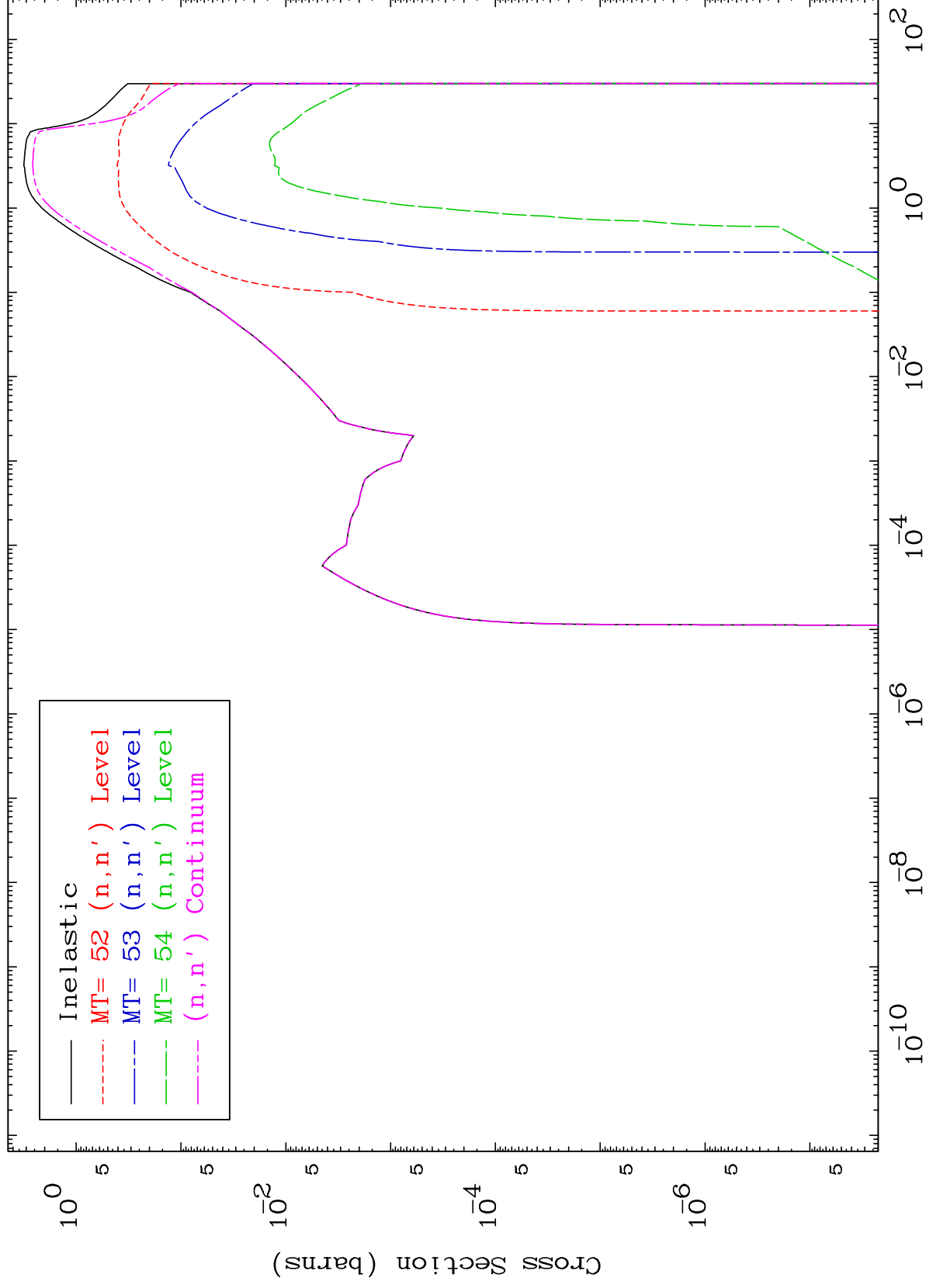




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(n,n') Levels
293 Kelvin Cross Sections

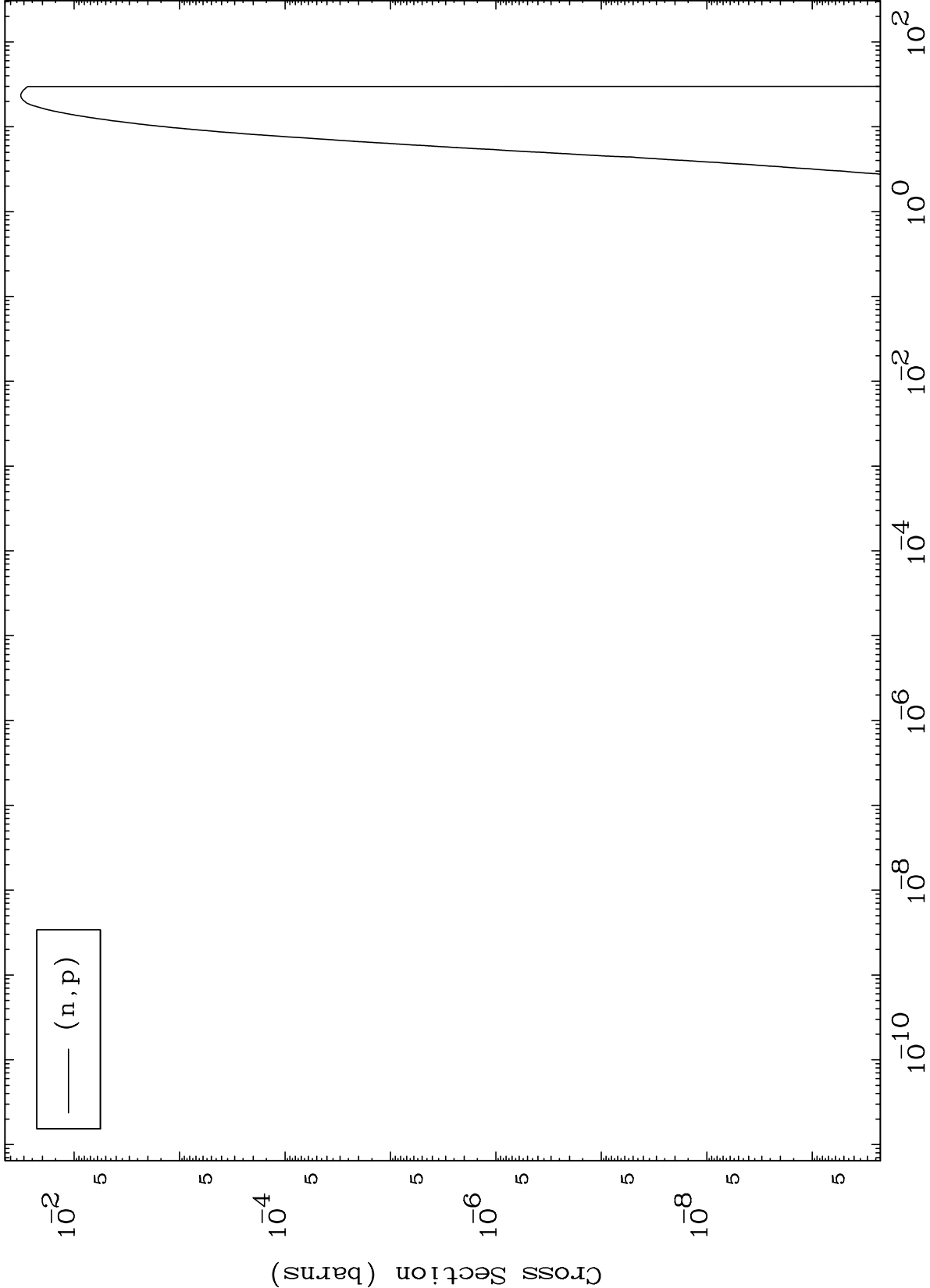
⁷²Hf-178n



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(n,p) Levels
293 Kelvin Cross Sections

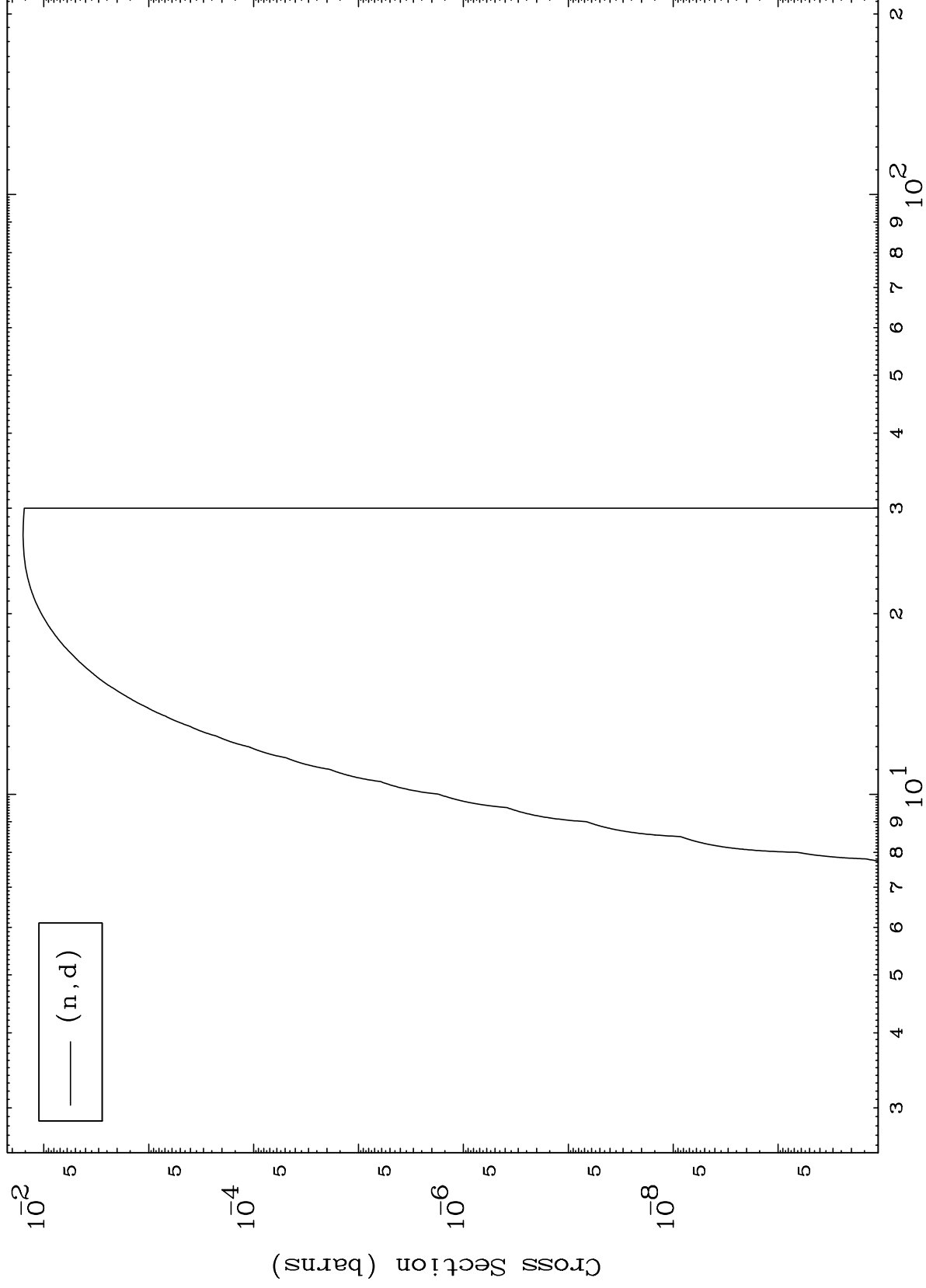
⁷²Hf-178n



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$^{72}\text{Hf}-178\text{n}$

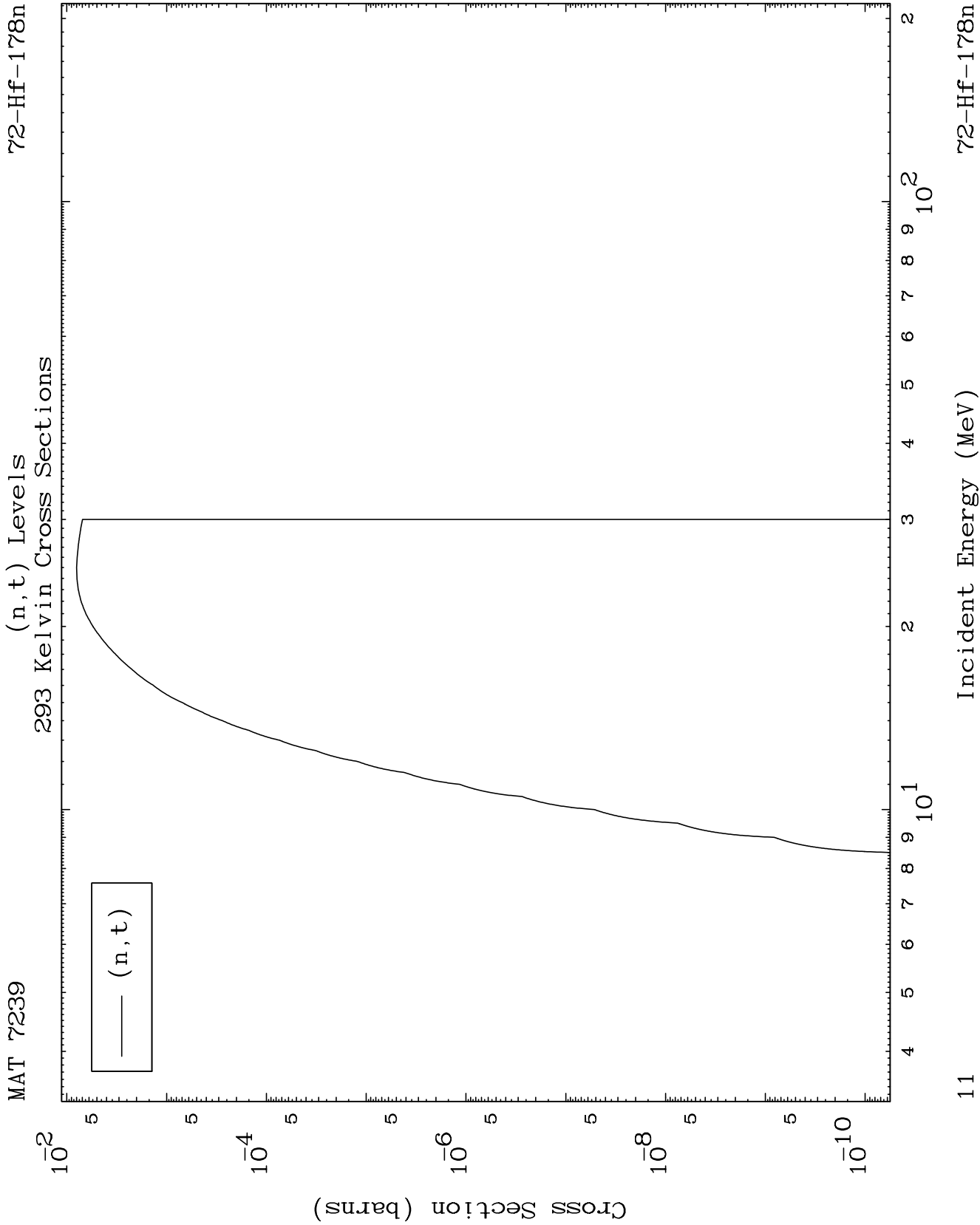
(n,d) Levels
293 Kelvin Cross Sections



$^{72}\text{Hf}-178\text{n}$

Incident Energy (MeV)

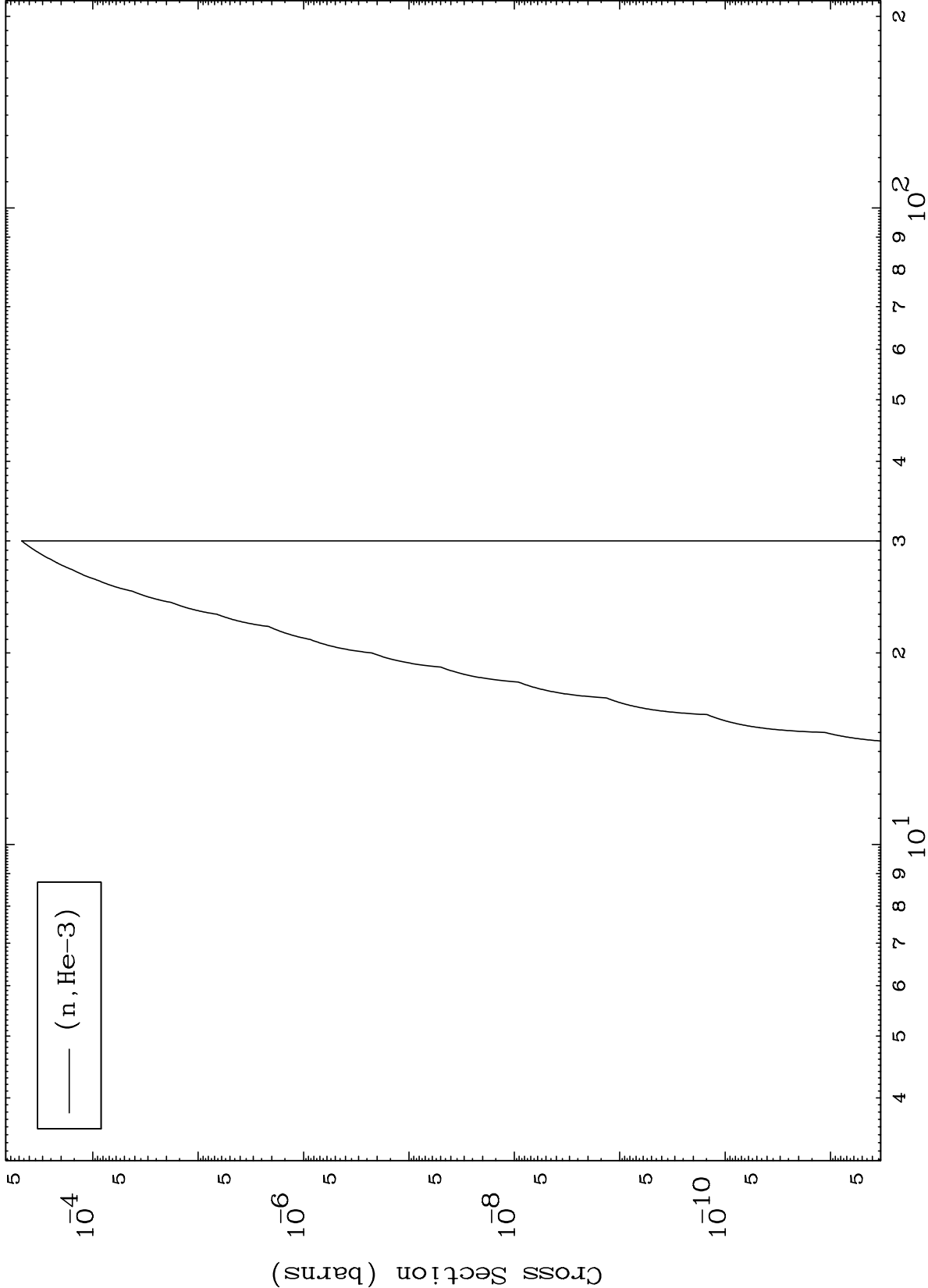
10

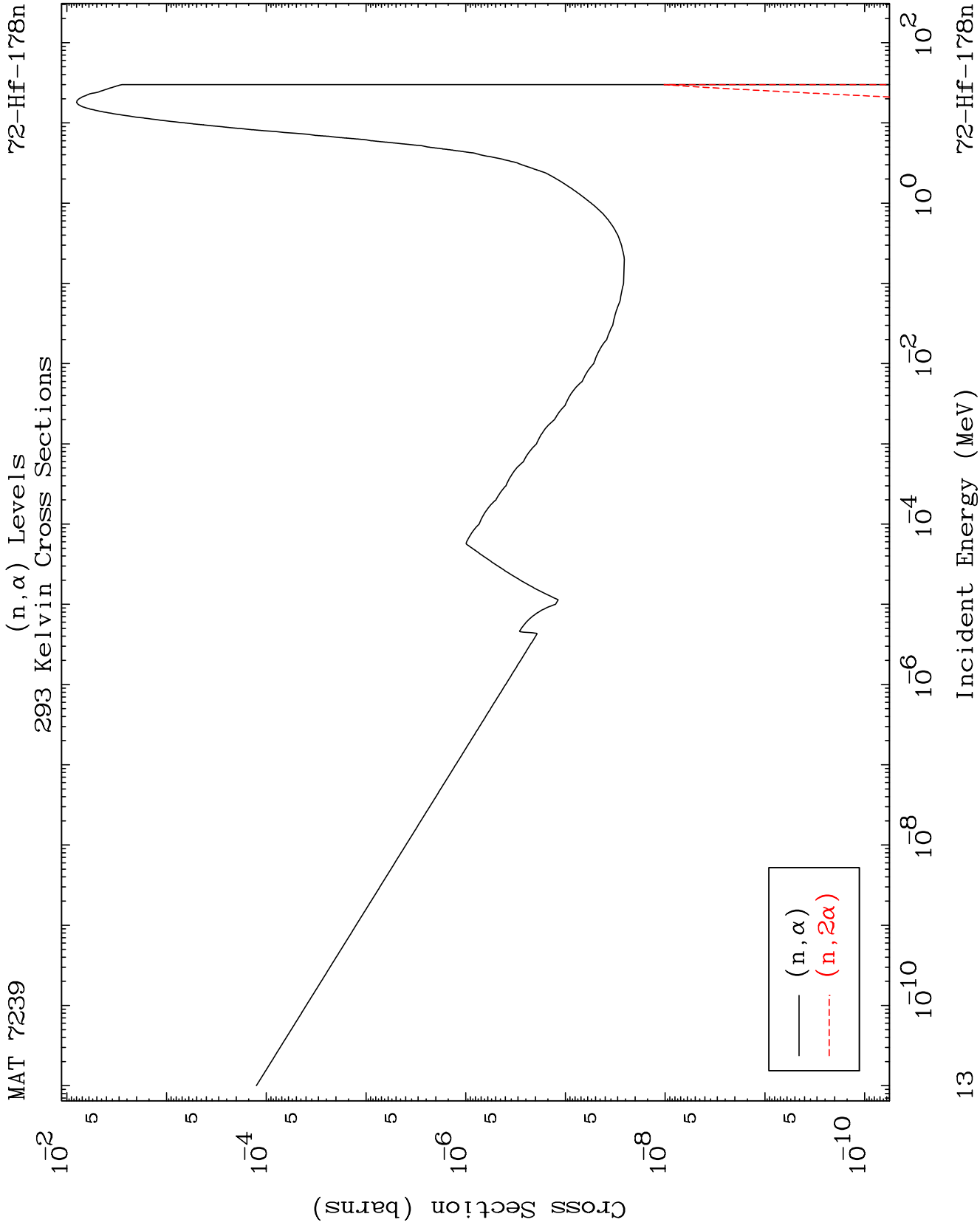


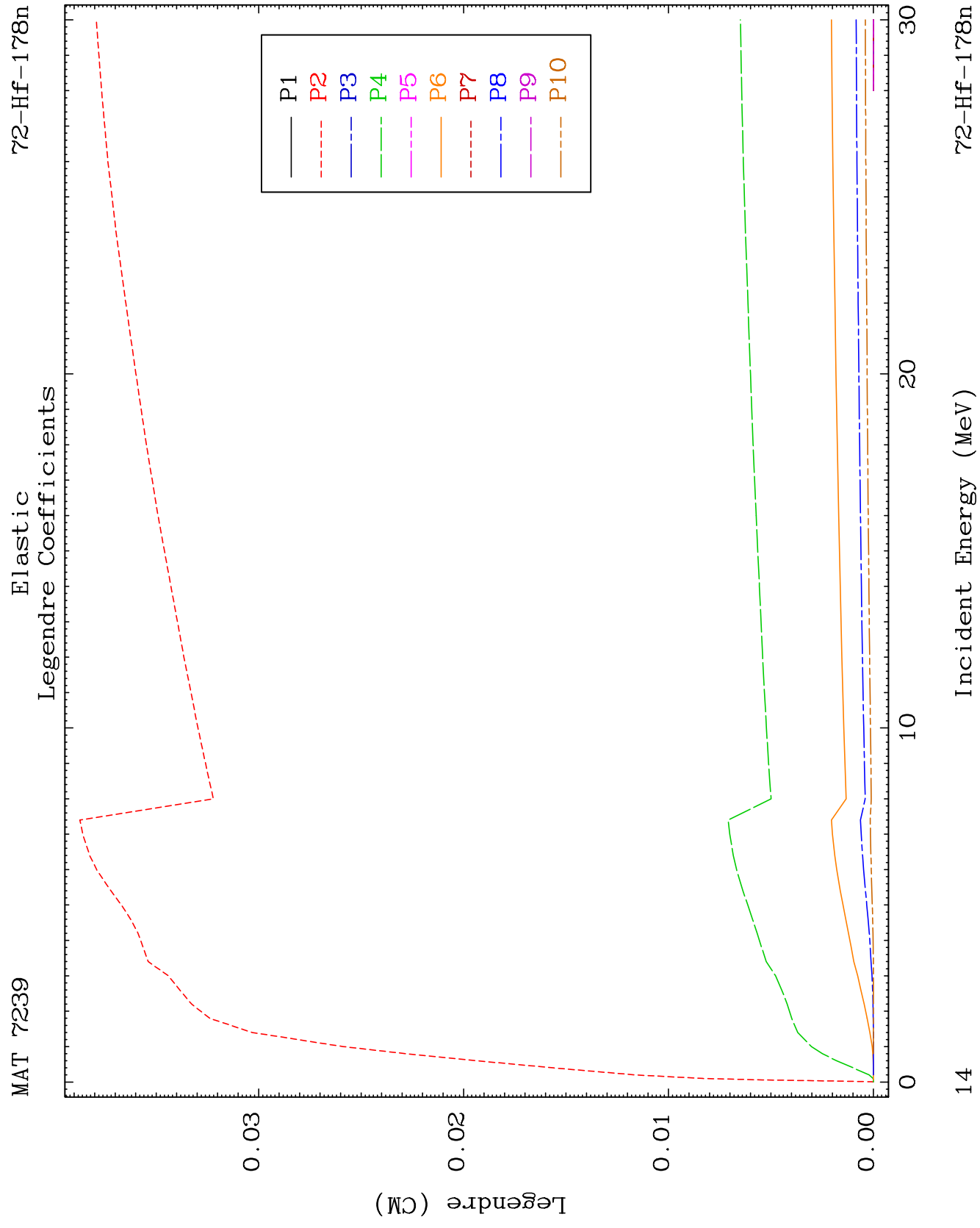
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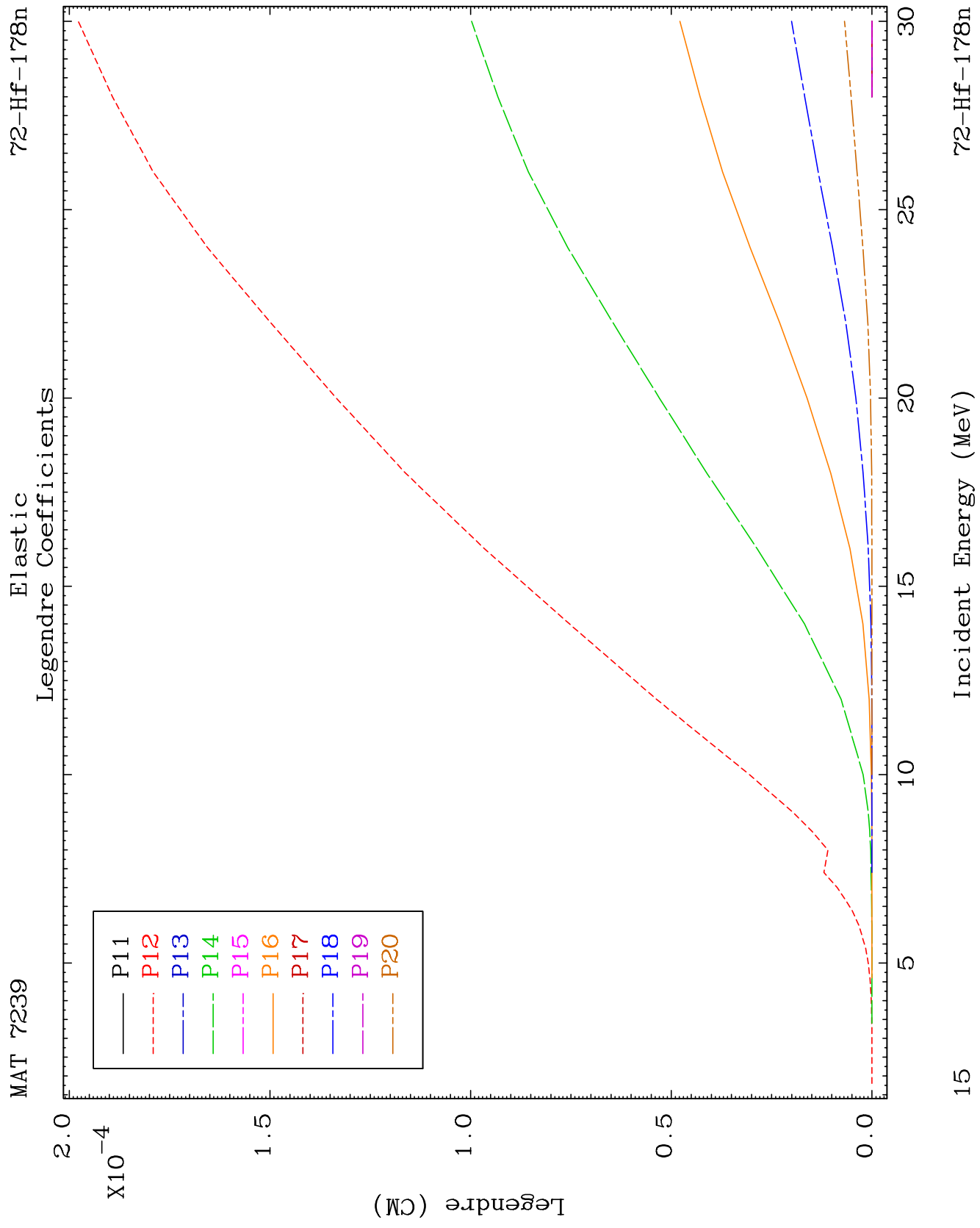
(n,He3) Levels
293 Kelvin Cross Sections

$^{72}\text{Hf}-^{178}\text{n}$





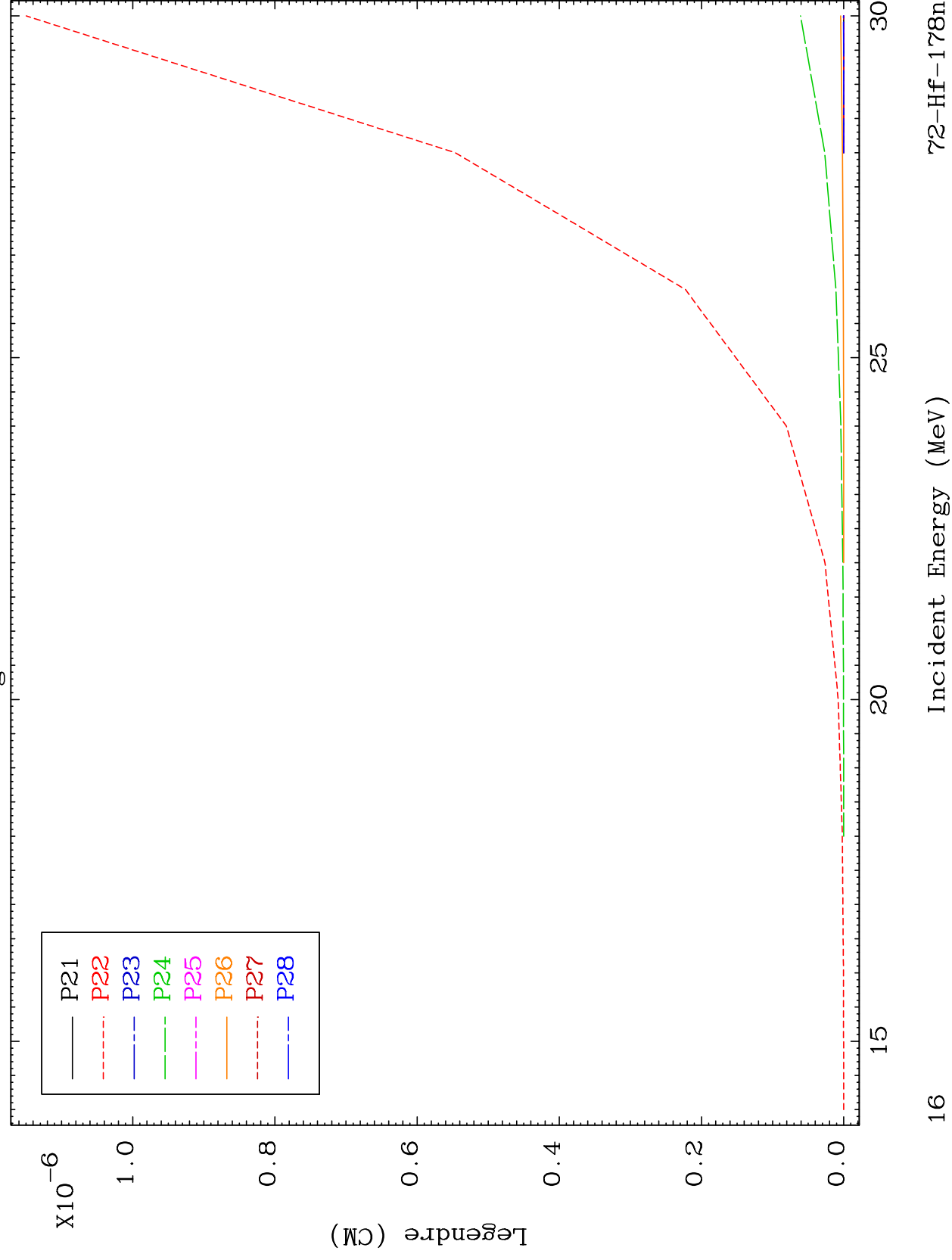




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Elastic Legendre Coefficients

72-Hf-178n

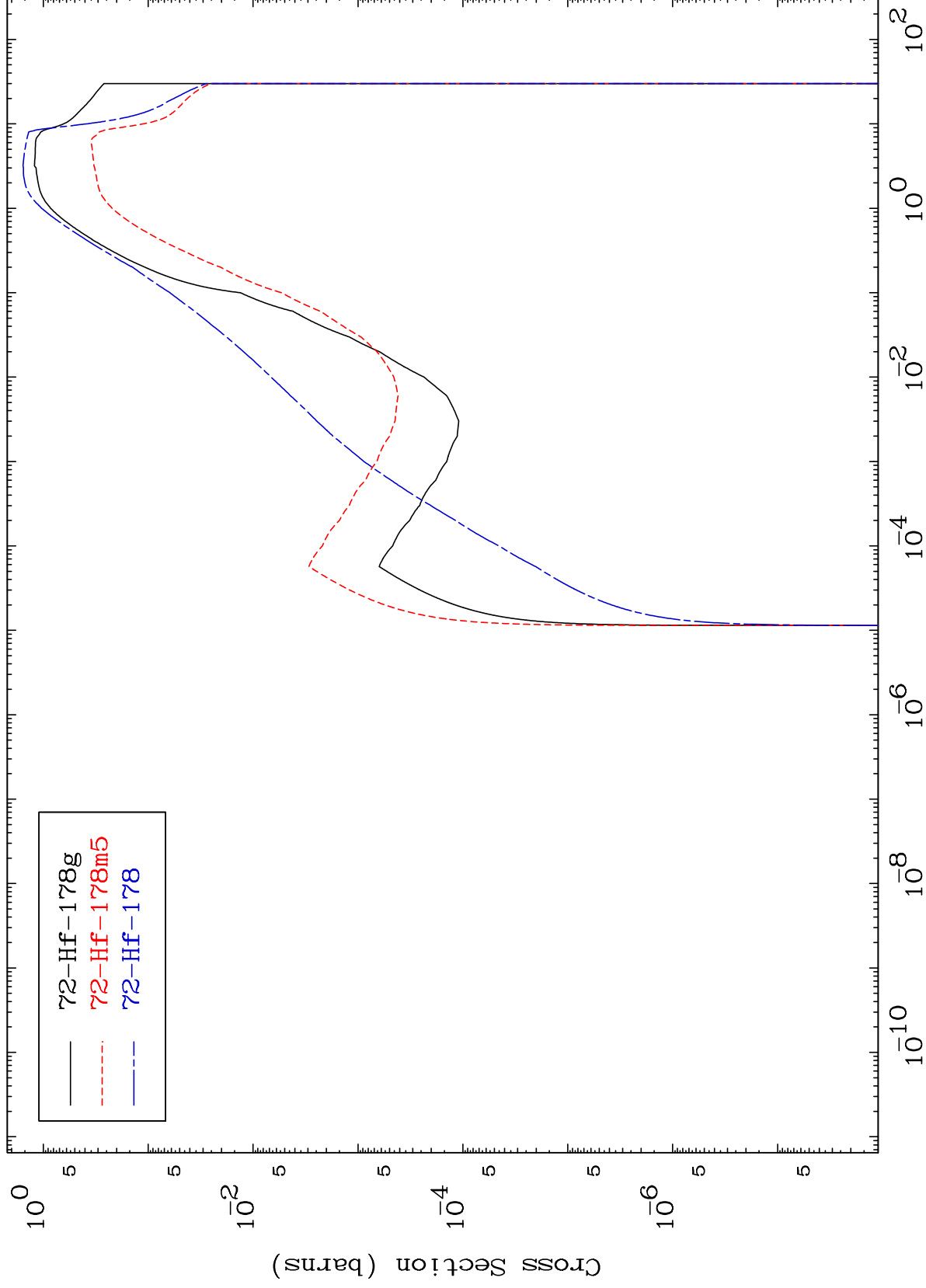


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Inelastic

$^{72}\text{Hf}-^{178}\text{n}$

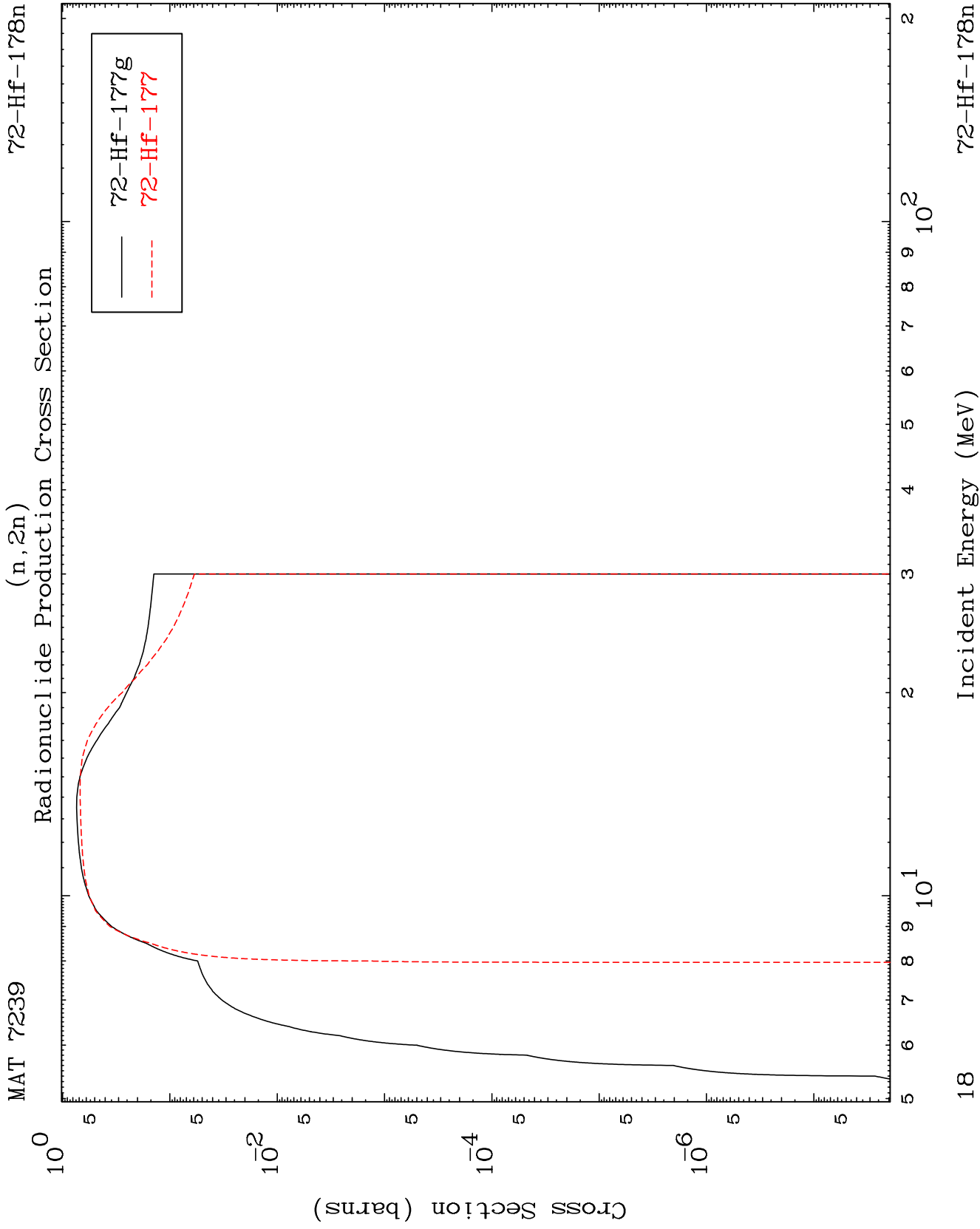
Radionuclide Production Cross Section



17

Incident Energy (MeV)

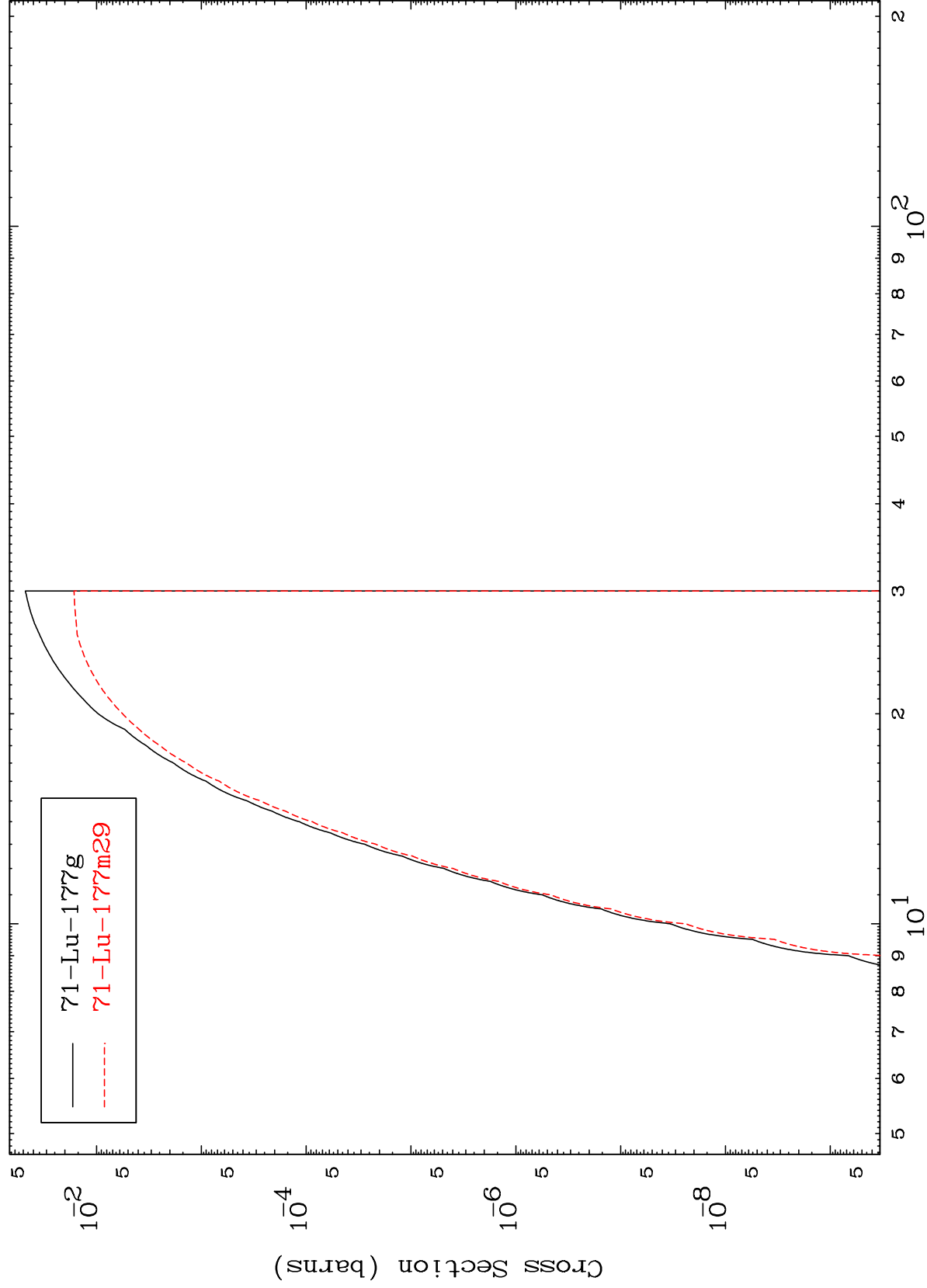
$^{72}\text{Hf}-^{178}\text{n}$



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$^{72}\text{Hf}-^{178}\text{n}$

(n,n') p
Radionuclide Production Cross Section



19

Incident Energy (MeV)

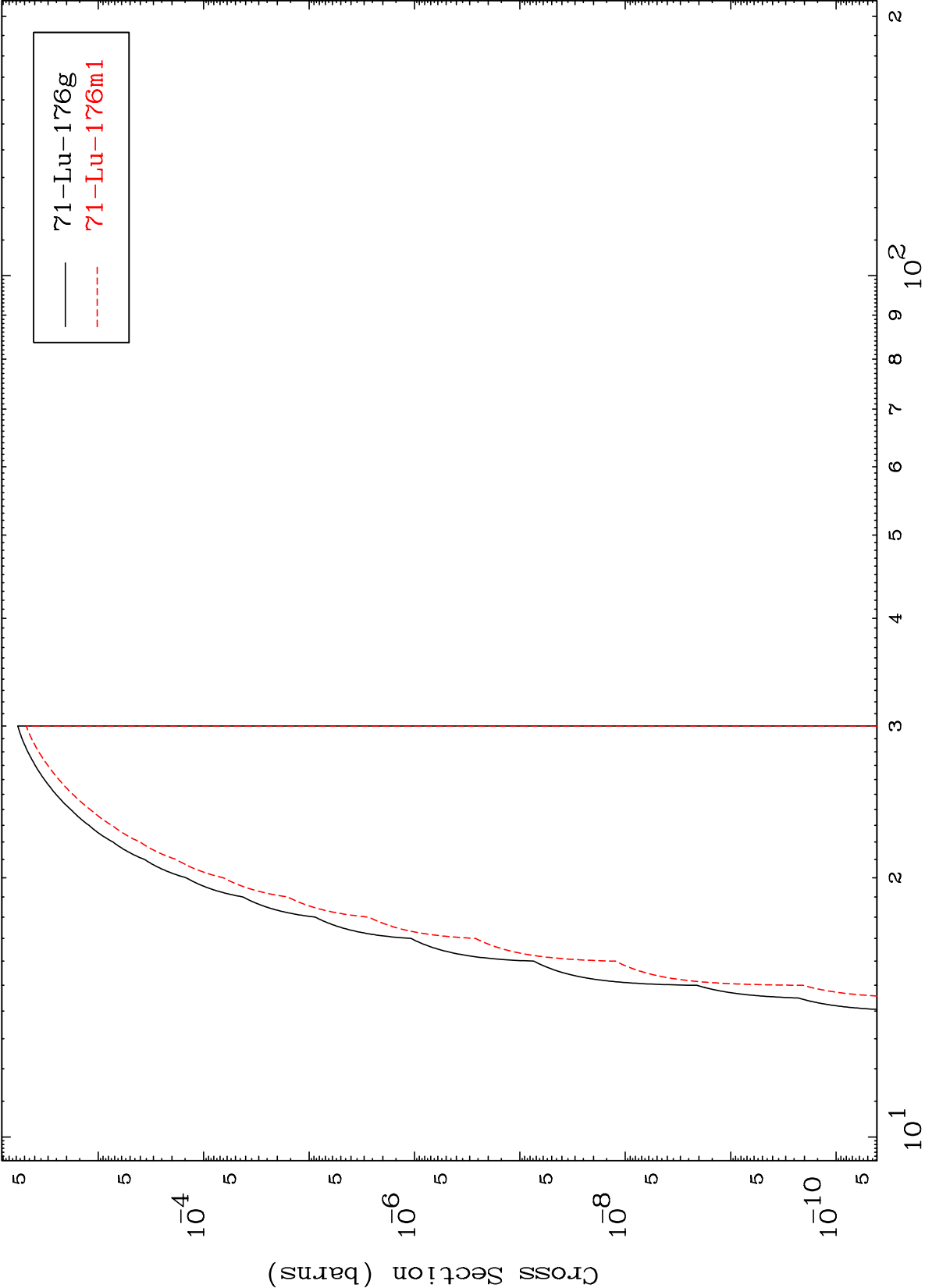
$^{72}\text{Hf}-^{178}\text{n}$

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(n,n') d

⁷²Hf-¹⁷⁸n

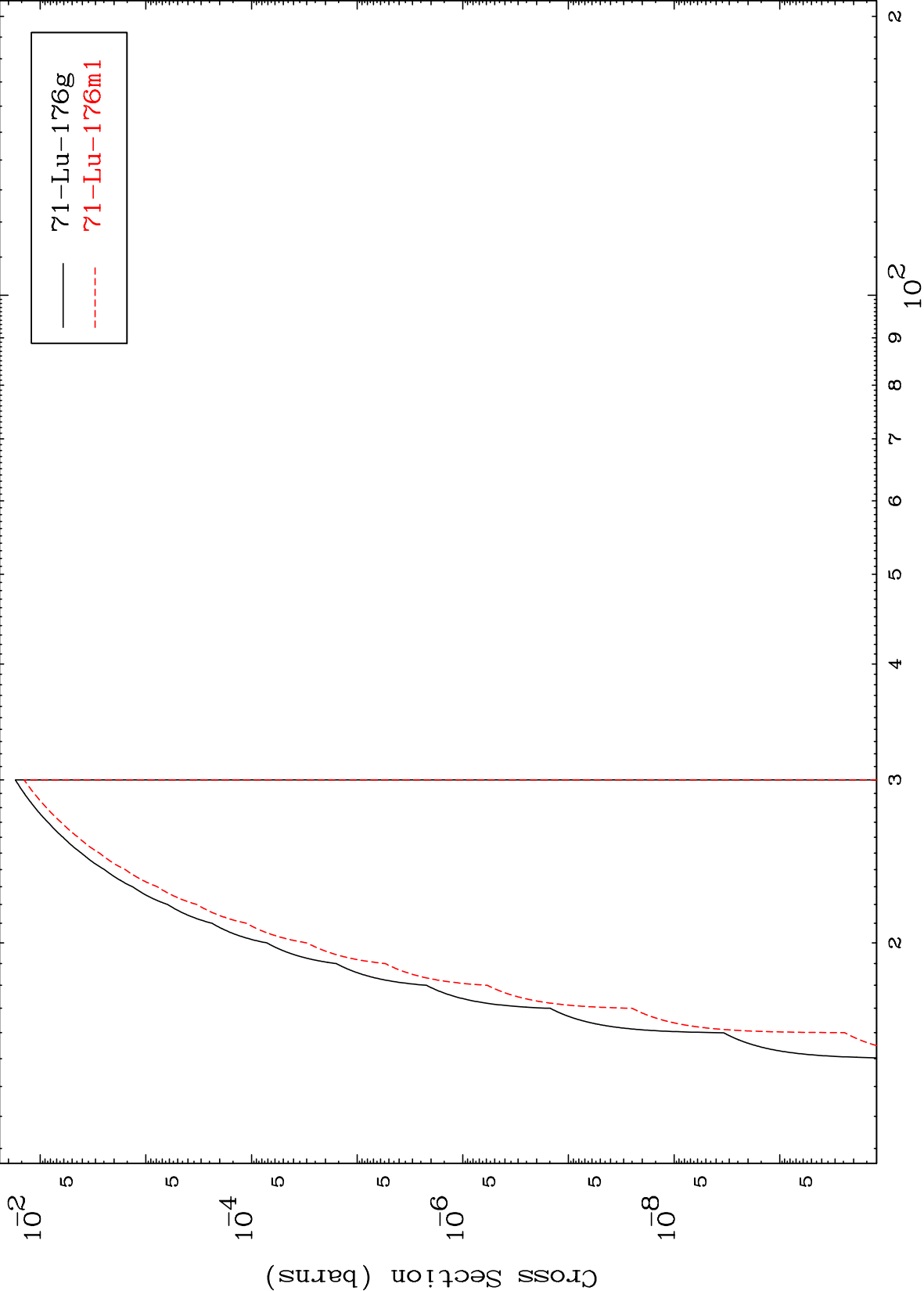
Radionuclide Production Cross Section



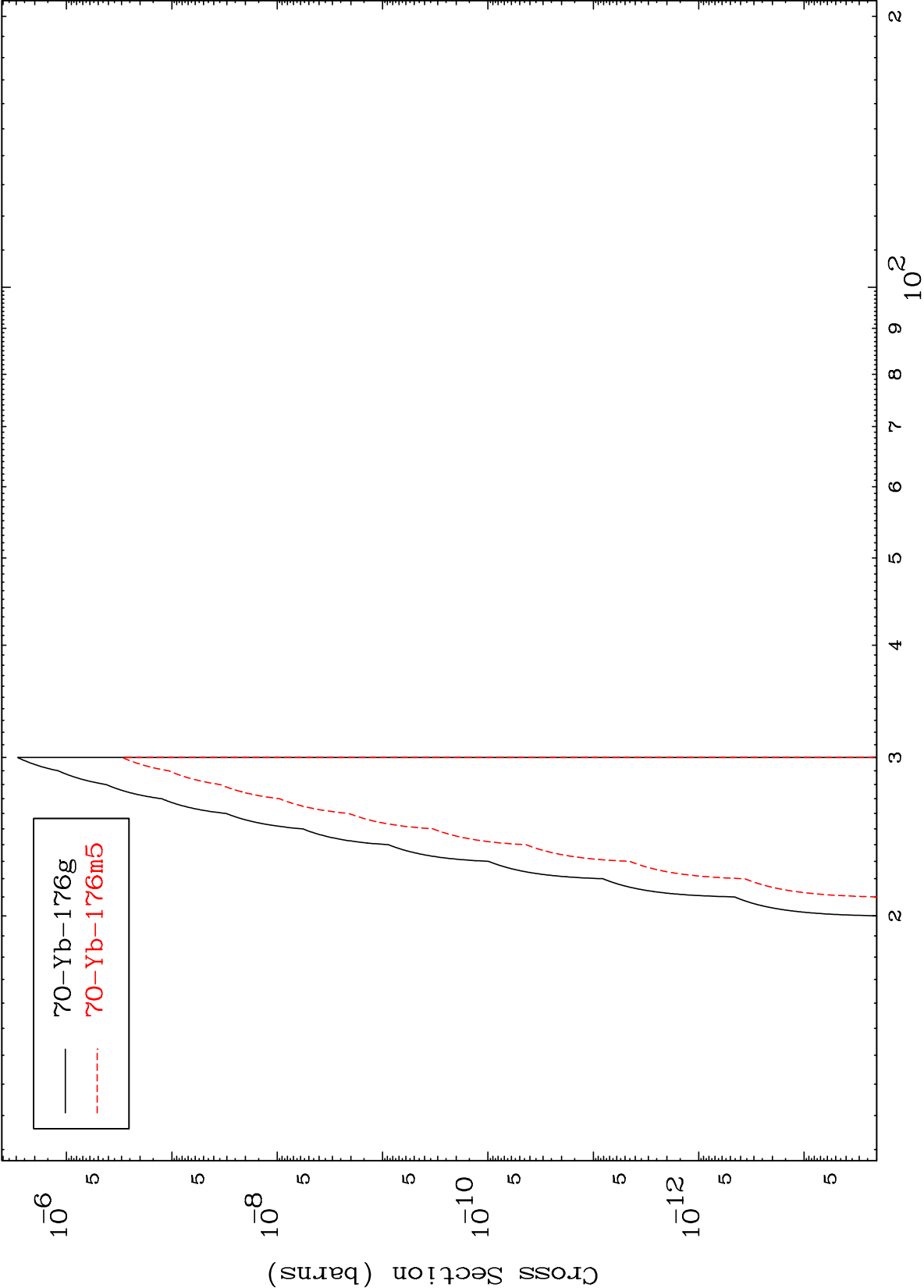
Incident Energy (MeV)

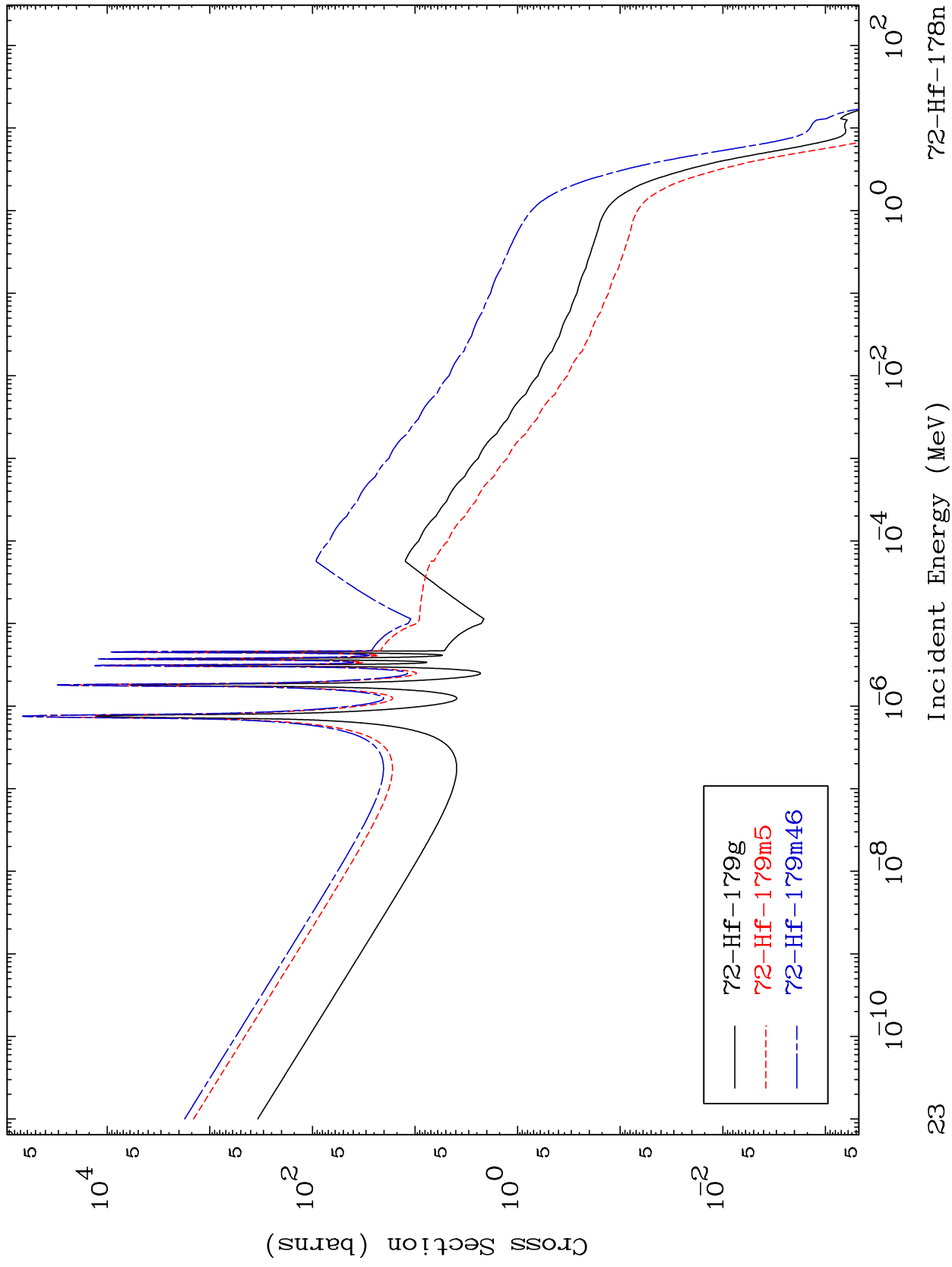
⁷²Hf-¹⁷⁸n

(n,2n) p
Radionuclide Production Cross Section



$(n,2n)$ p
Radionuclide Production Cross Section



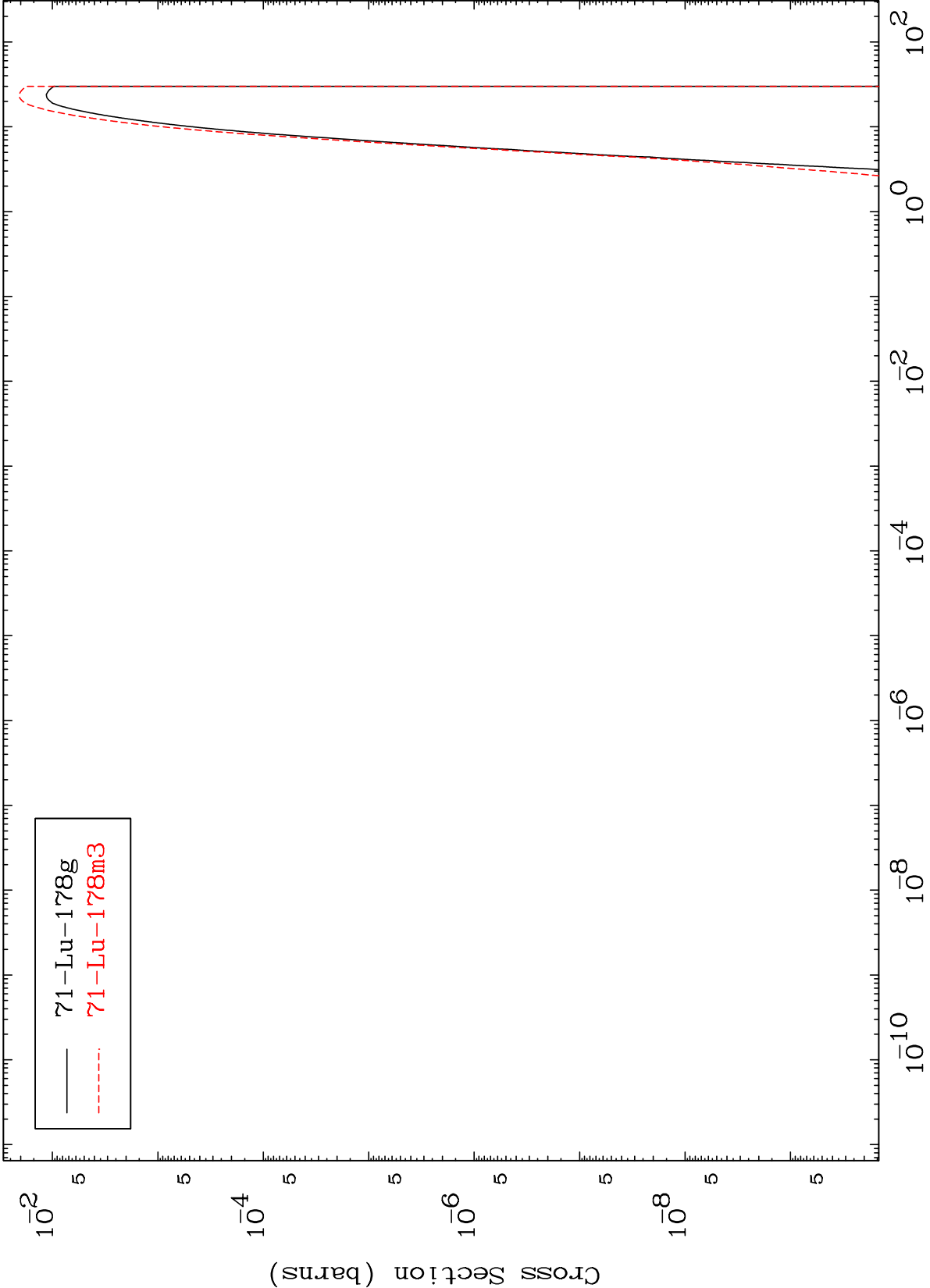
(n, γ)
Radionuclide Production Cross Section

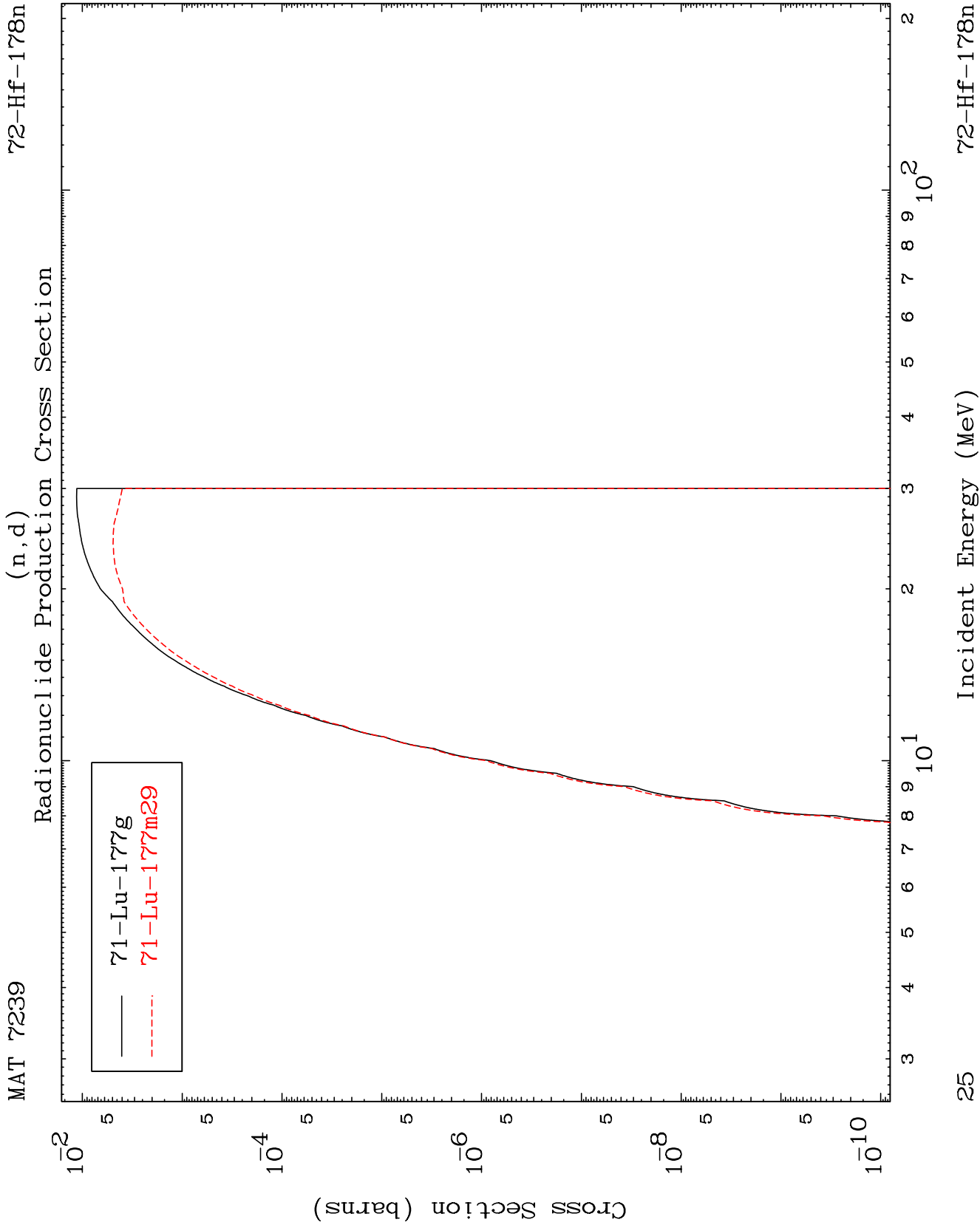
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(n,p)

$^{72}\text{Hf}-^{178}\text{n}$

Radionuclide Production Cross Section

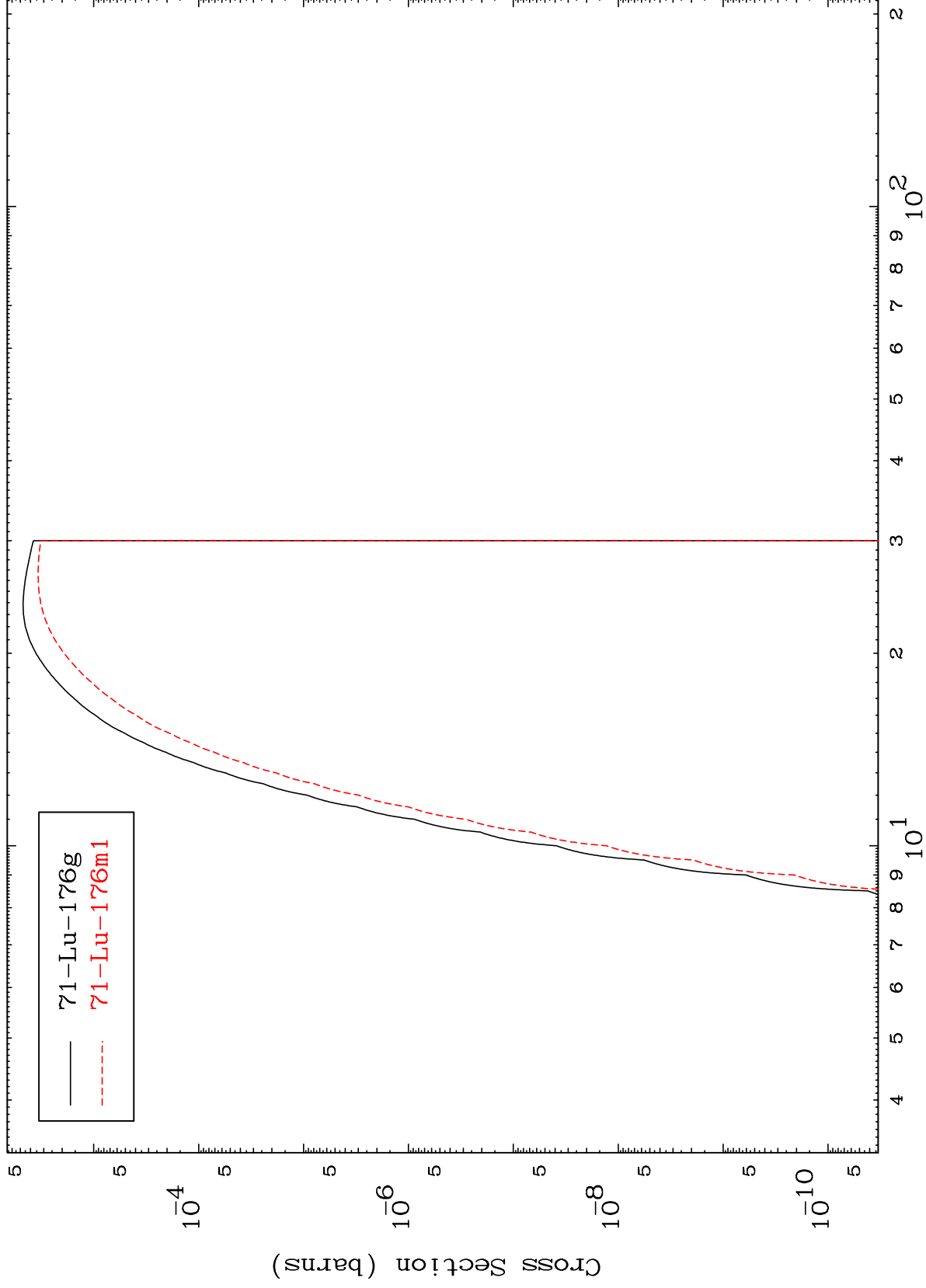




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$^{72}\text{Hf}-^{178}\text{n}$

Radionuclide Production Cross Section



26

Incident Energy (MeV)

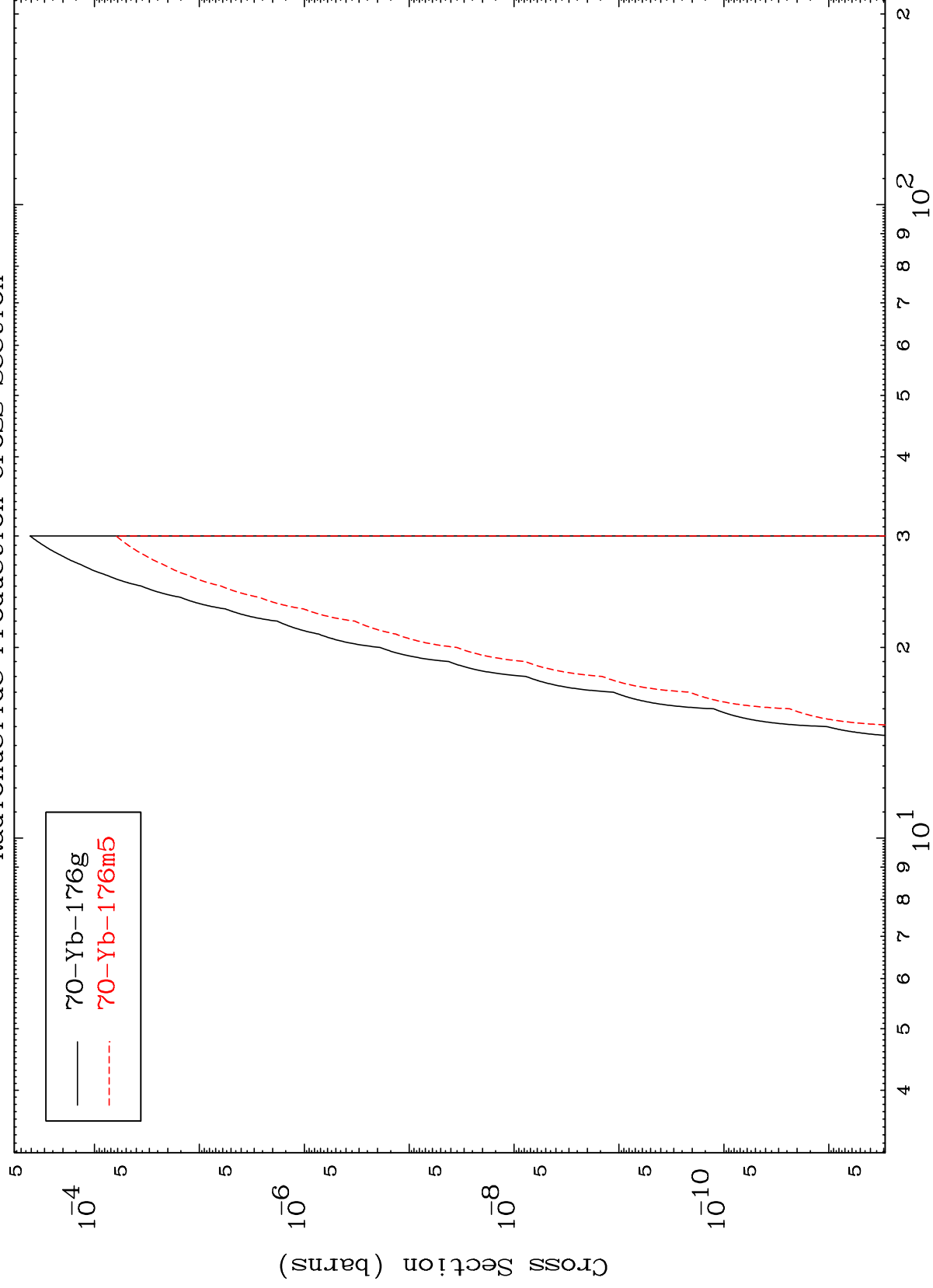
$^{72}\text{Hf}-^{178}\text{n}$

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(n,He-3)

⁷²Hf-178n

Radionuclide Production Cross Section



27

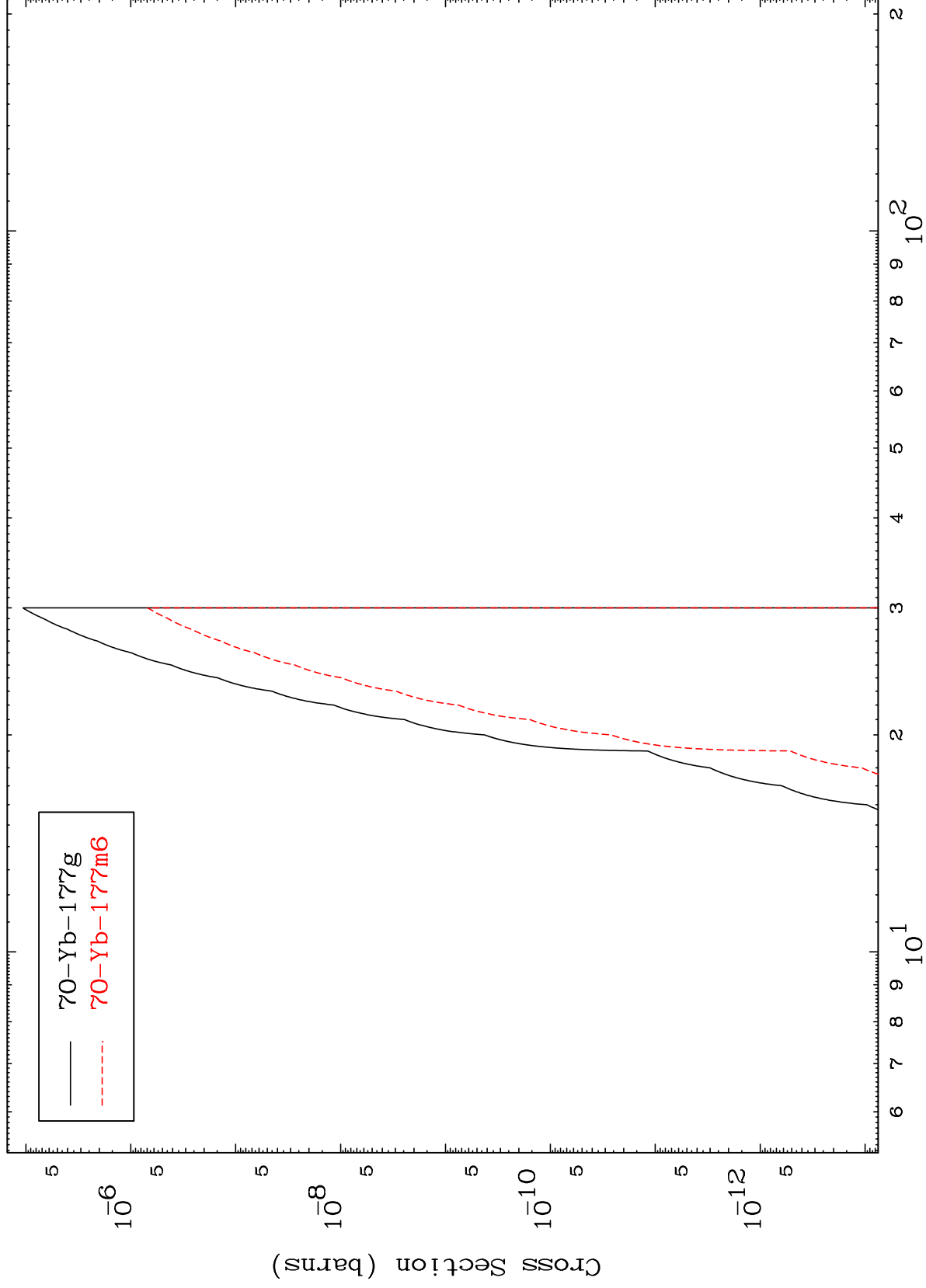
Incident Energy (MeV)

⁷²Hf-178n

MAT 7239

$^{72}\text{Hf}-^{178}\text{n}$

Radionuclide Production Cross Section



28

Incident Energy (MeV)

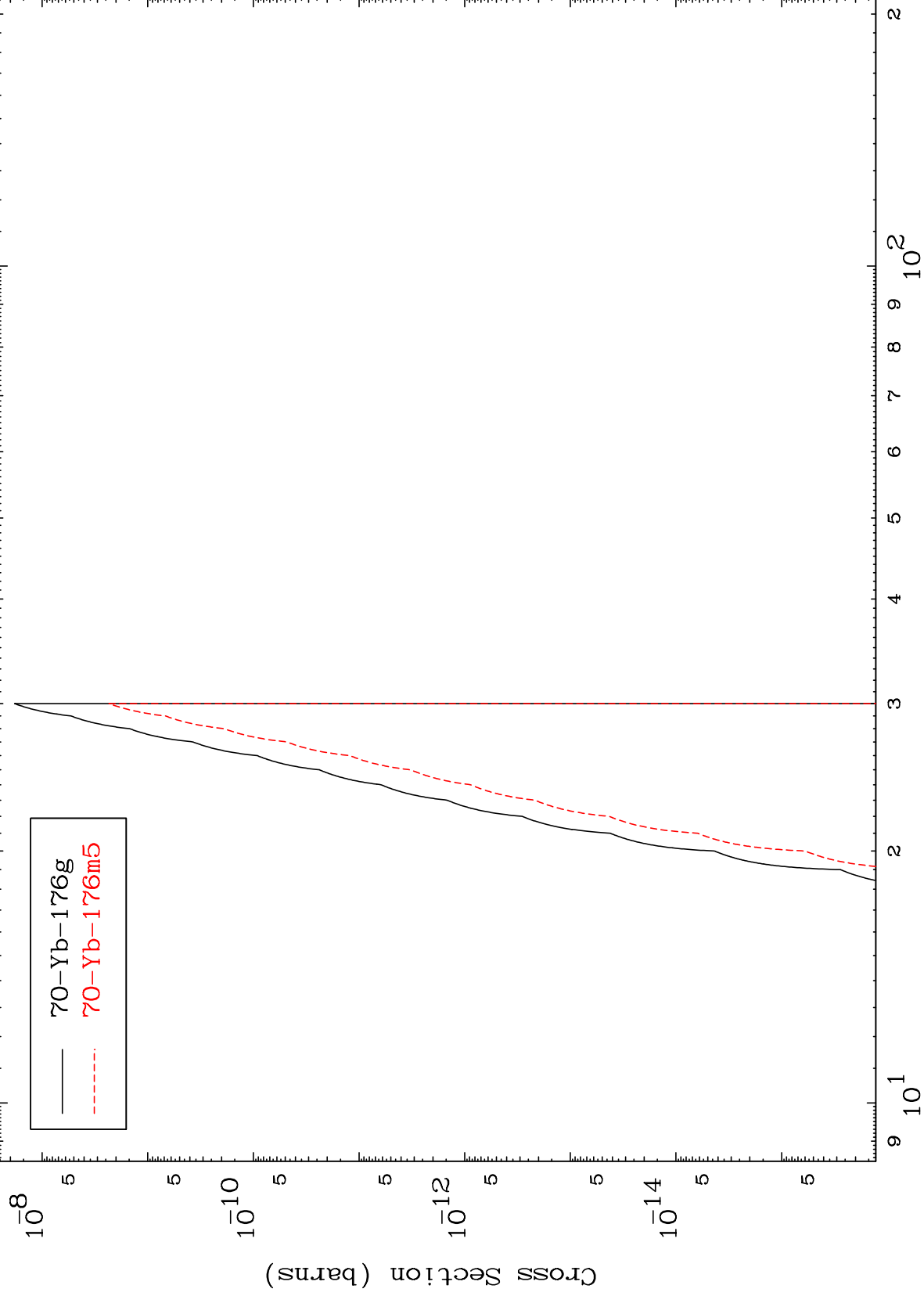
$^{72}\text{Hf}-^{178}\text{n}$

MAT 7239

(n,p) d

$^{72}\text{Hf}-^{178}\text{n}$

Radionuclide Production Cross Section



29

Incident Energy (MeV)

$^{72}\text{Hf}-^{178}\text{n}$